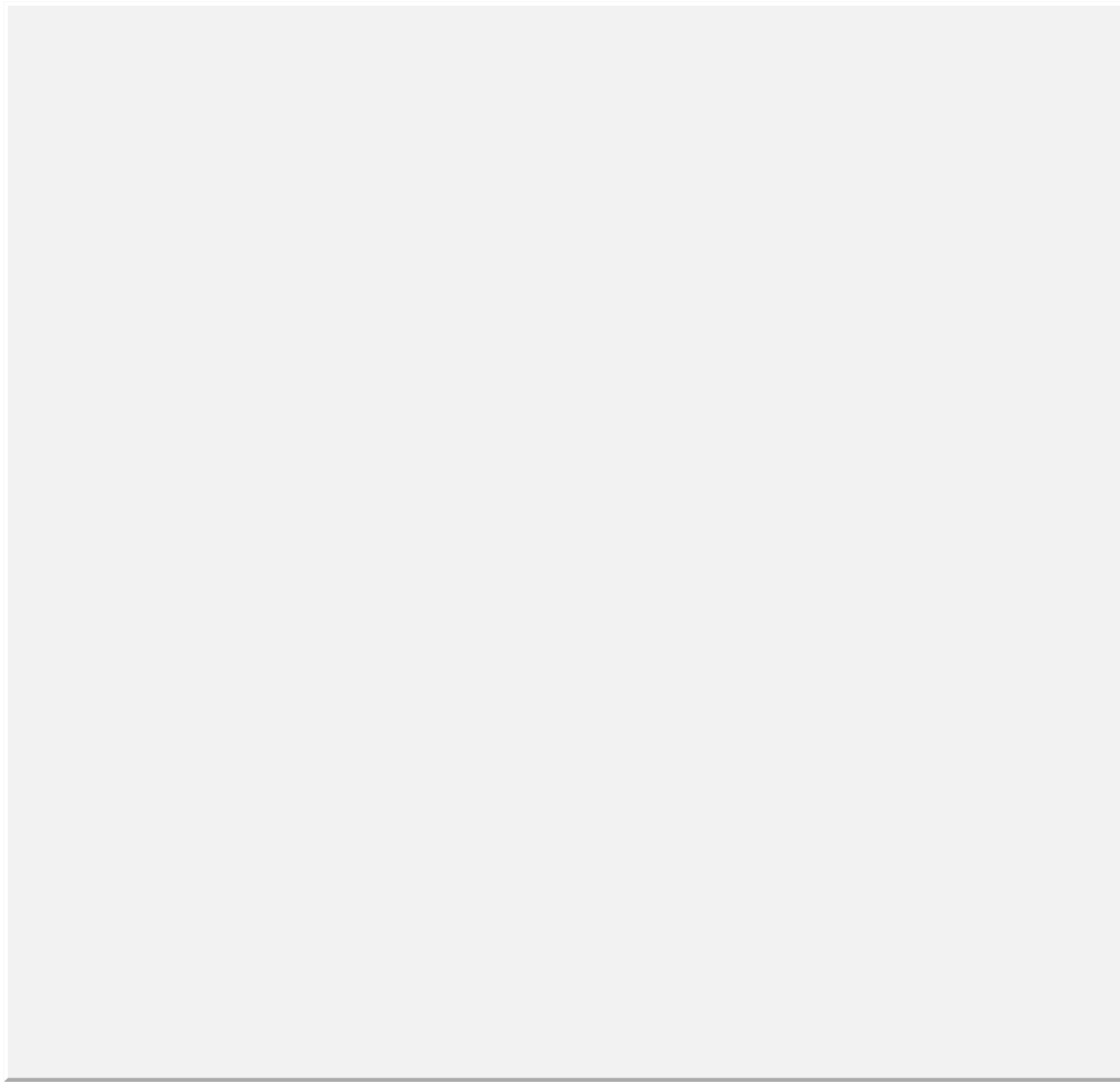
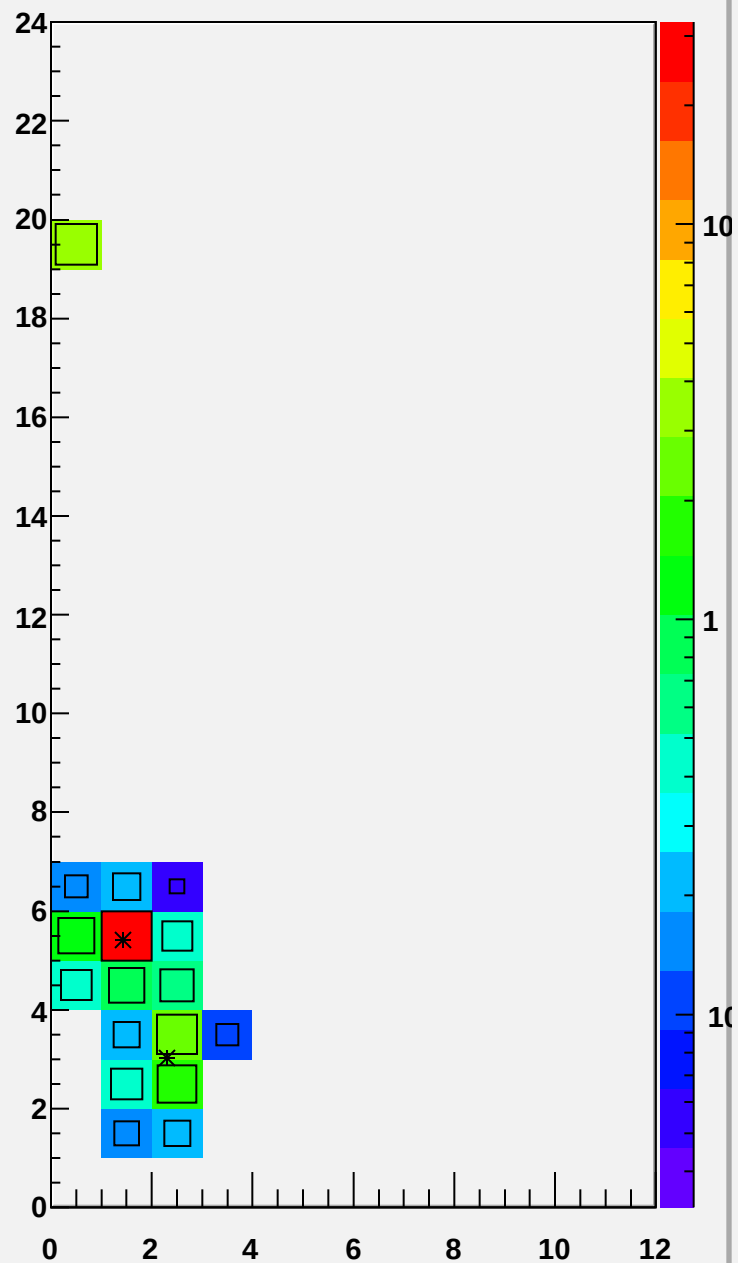
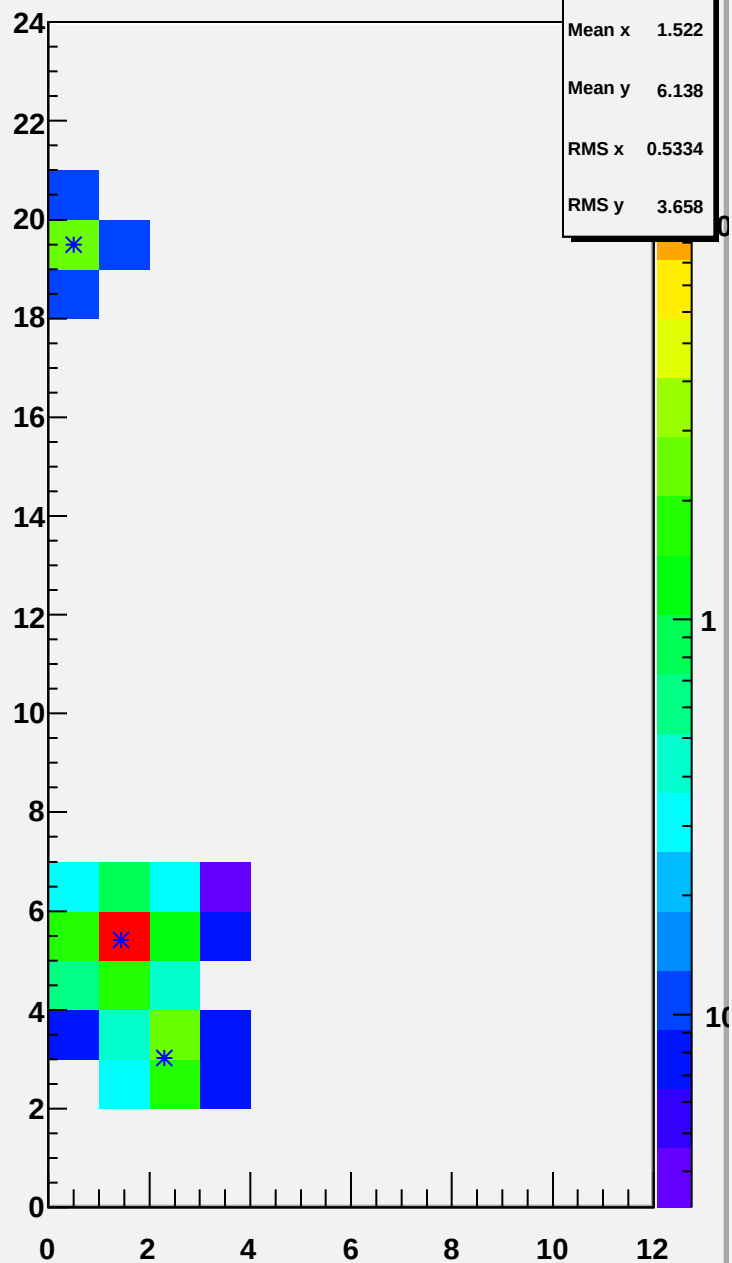




NSTB3_r4_c3_En=45.2_m0=0.207 m1=0.207 index=0



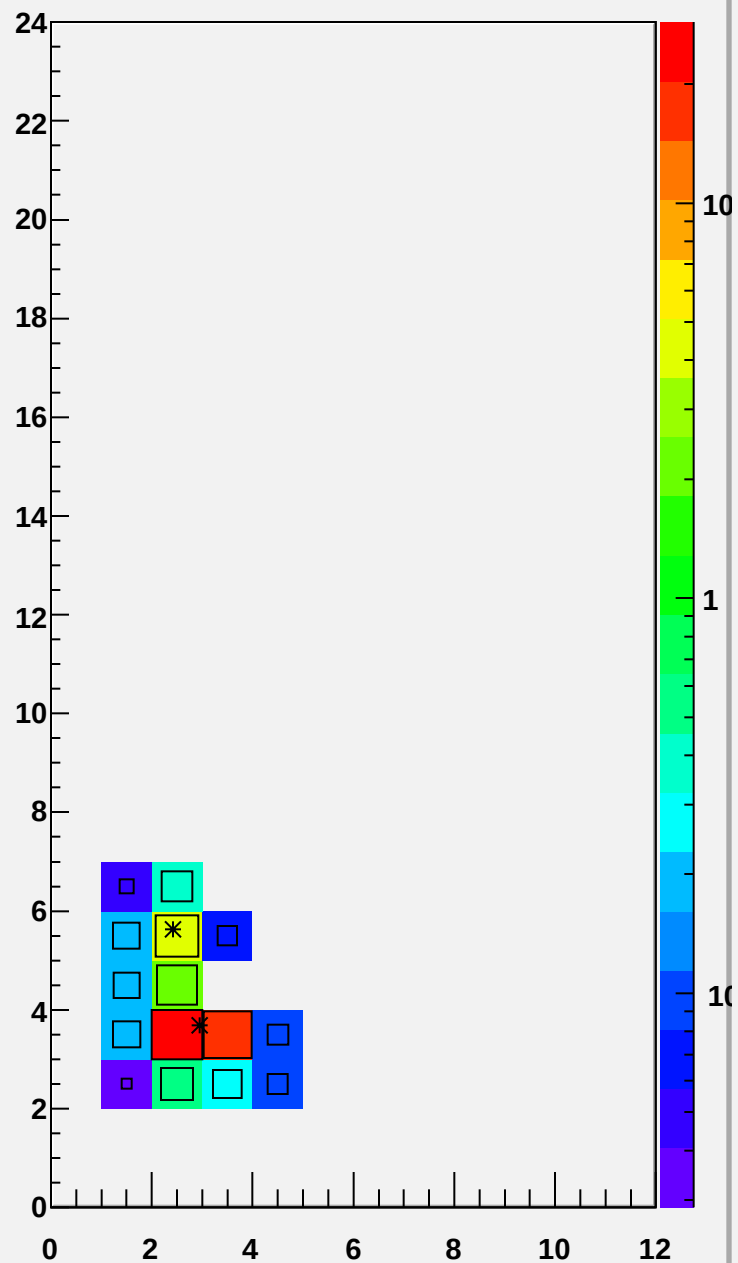
Fitted Energies



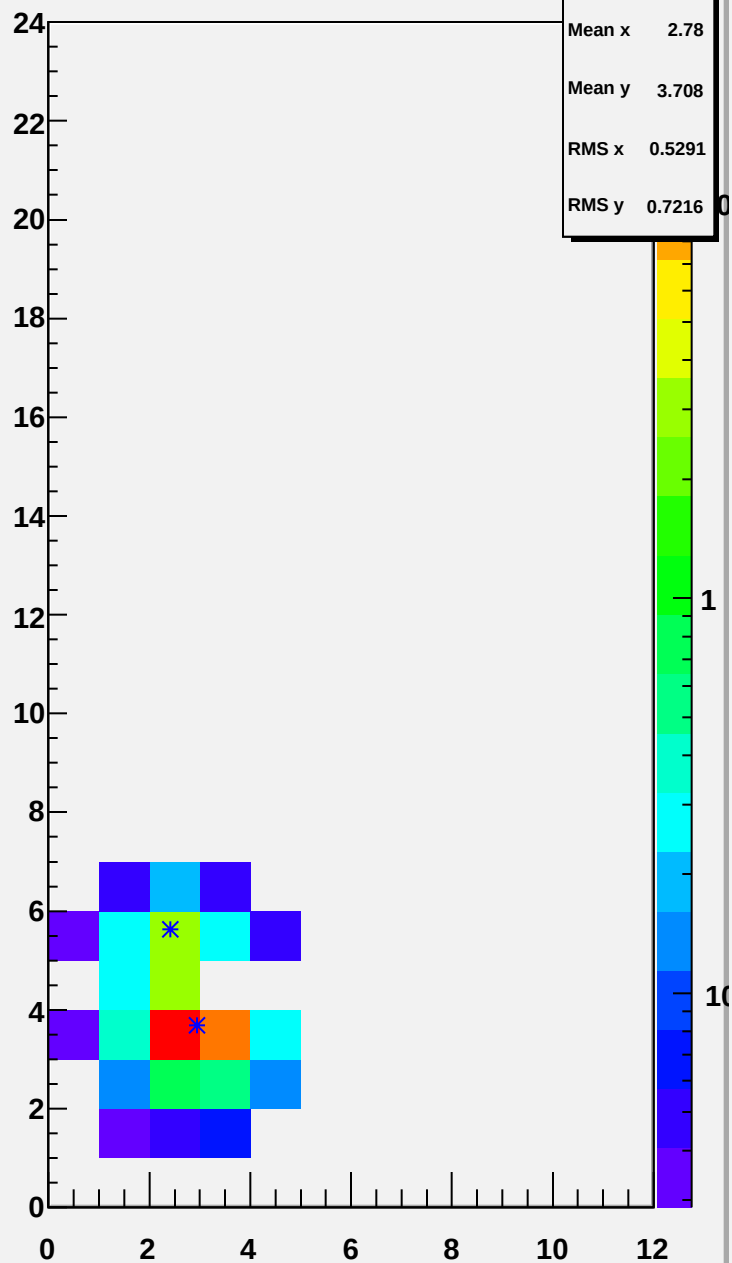
Efit

Entries	288
Mean x	1.522
Mean y	6.138
RMS x	0.5334
RMS y	3.658

NSTB3_r4_c3_En=51.3_m0=0.162 m1=0.162 index=2



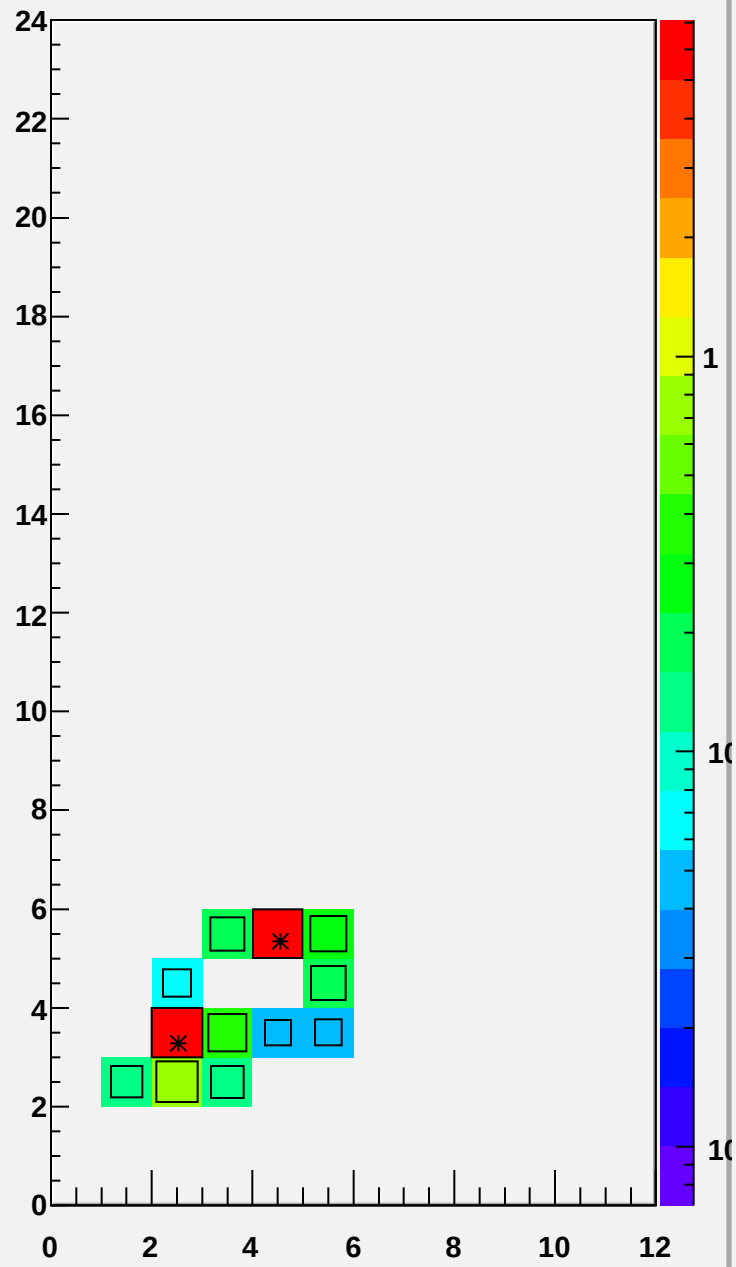
Fitted Energies



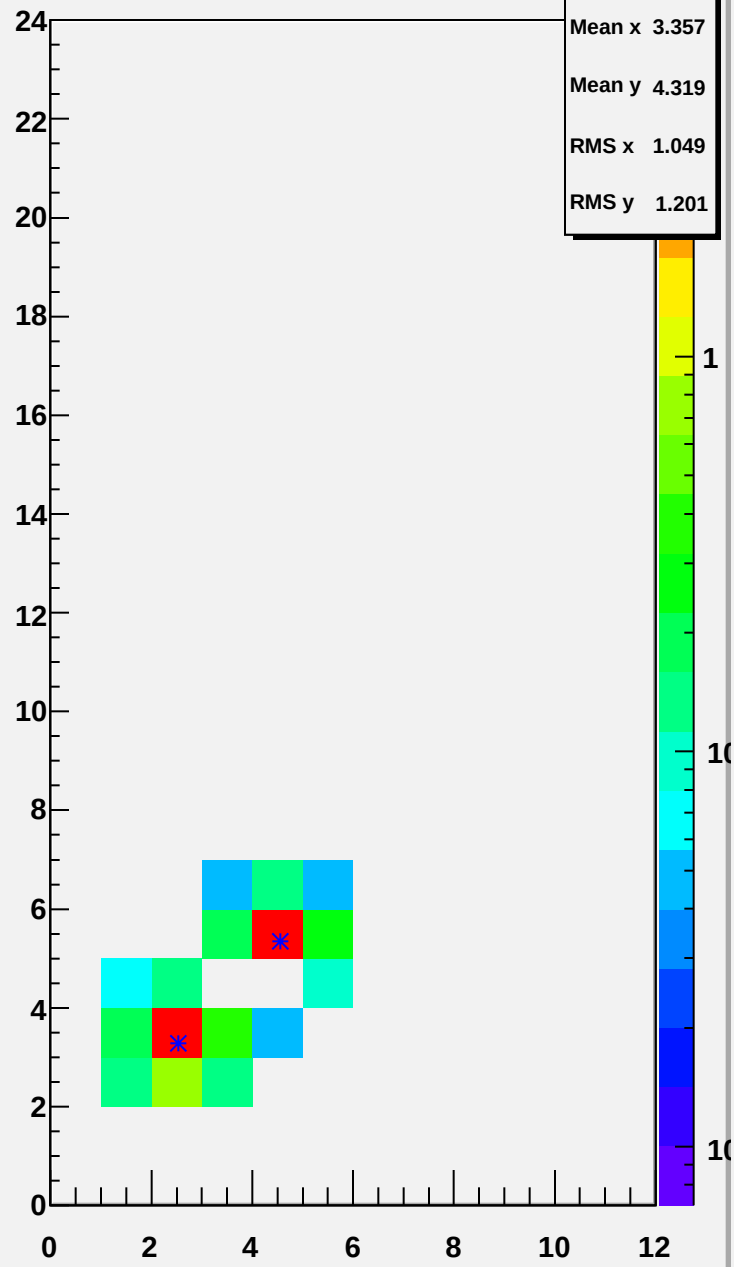
Efit

Entries	288
Mean x	2.78
Mean y	3.708
RMS x	0.5291
RMS y	0.7216

NSTB3_r4_c3_En=14.8_m0=0.126_m1=0.126_index=3



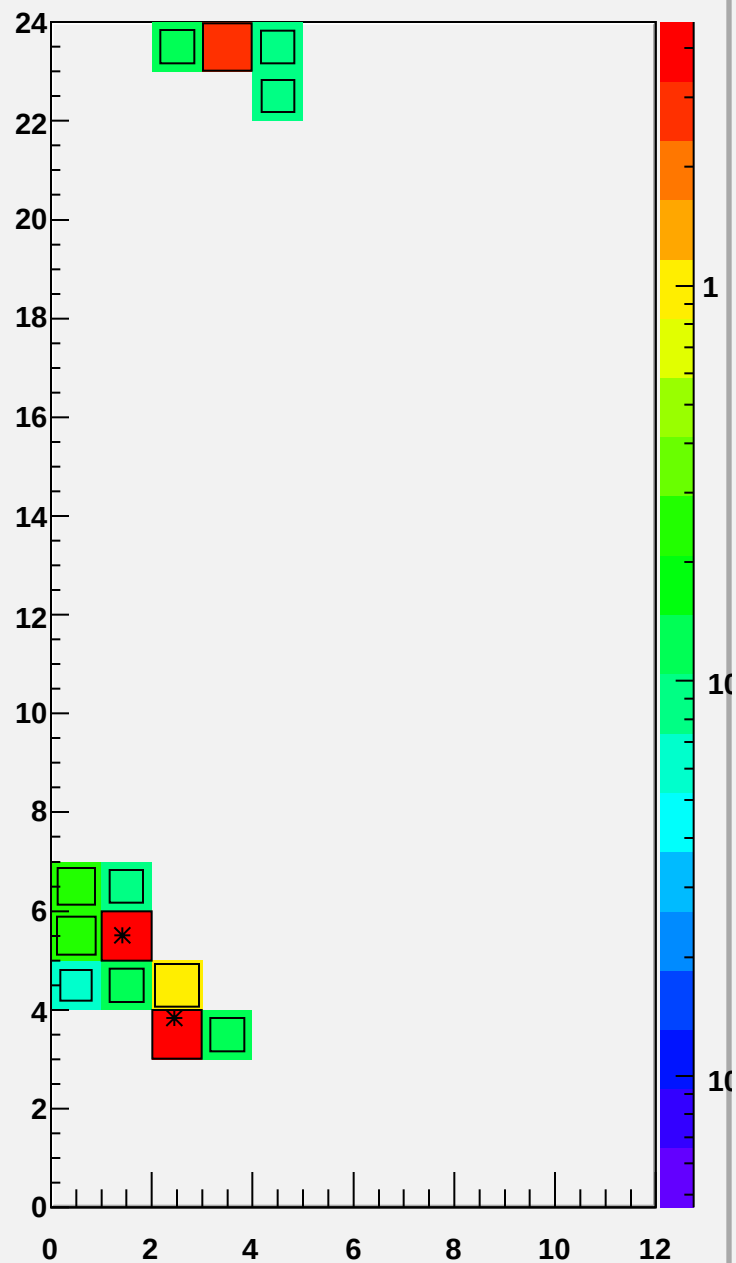
Fitted Energies



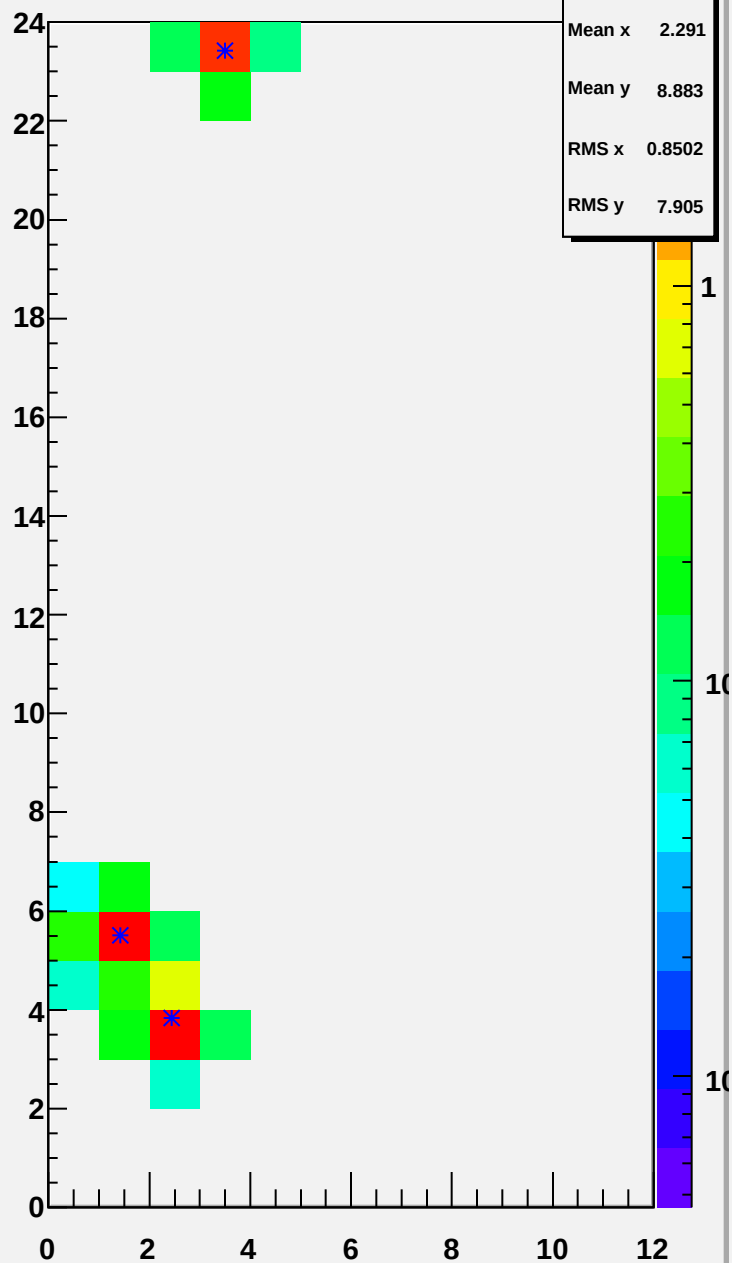
Efit

Entries 288
Mean x 3.357
Mean y 4.319
RMS x 1.049
RMS y 1.201

NSTB3_r4_c3_En=13.3_m0=0.059 m1=0.059 index=4



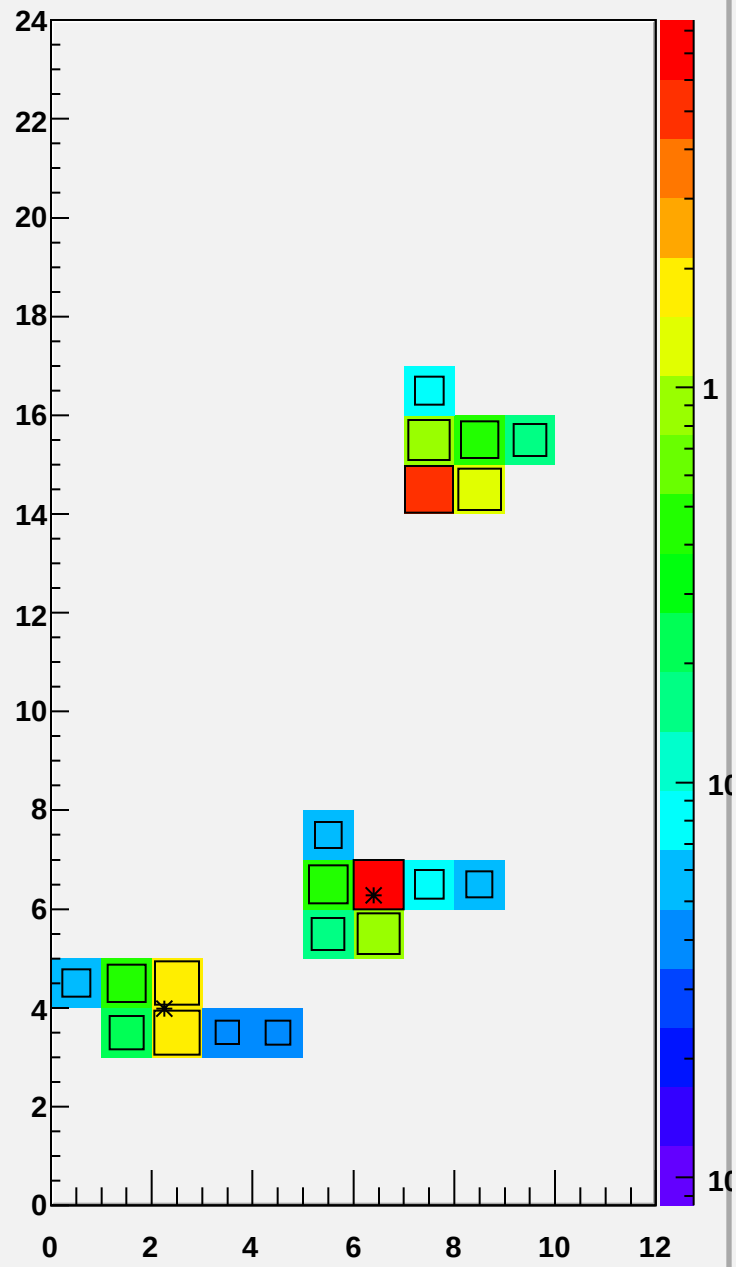
Fitted Energies



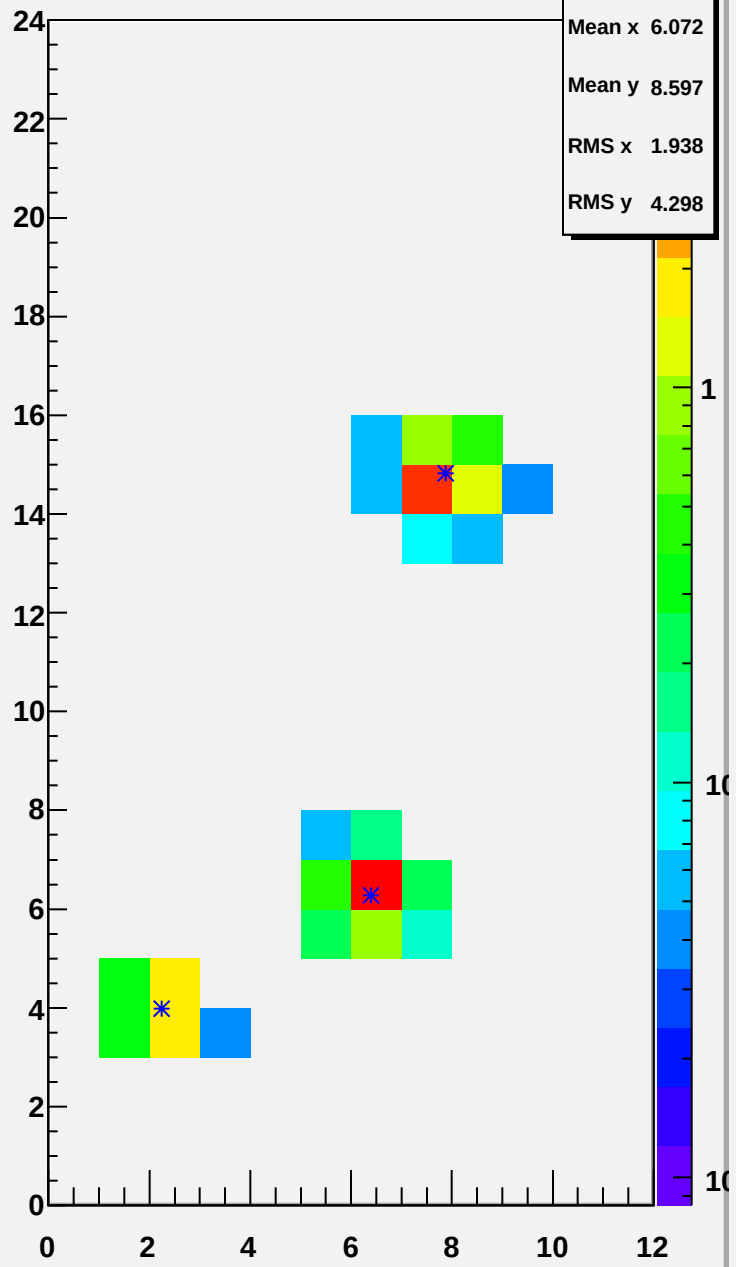
Efit

Entries	288
Mean x	2.291
Mean y	8.883
RMS x	0.8502
RMS y	7.905

NSTB3_r4_c3_En=21.7_m0=0.183_m1=0.184_index=5



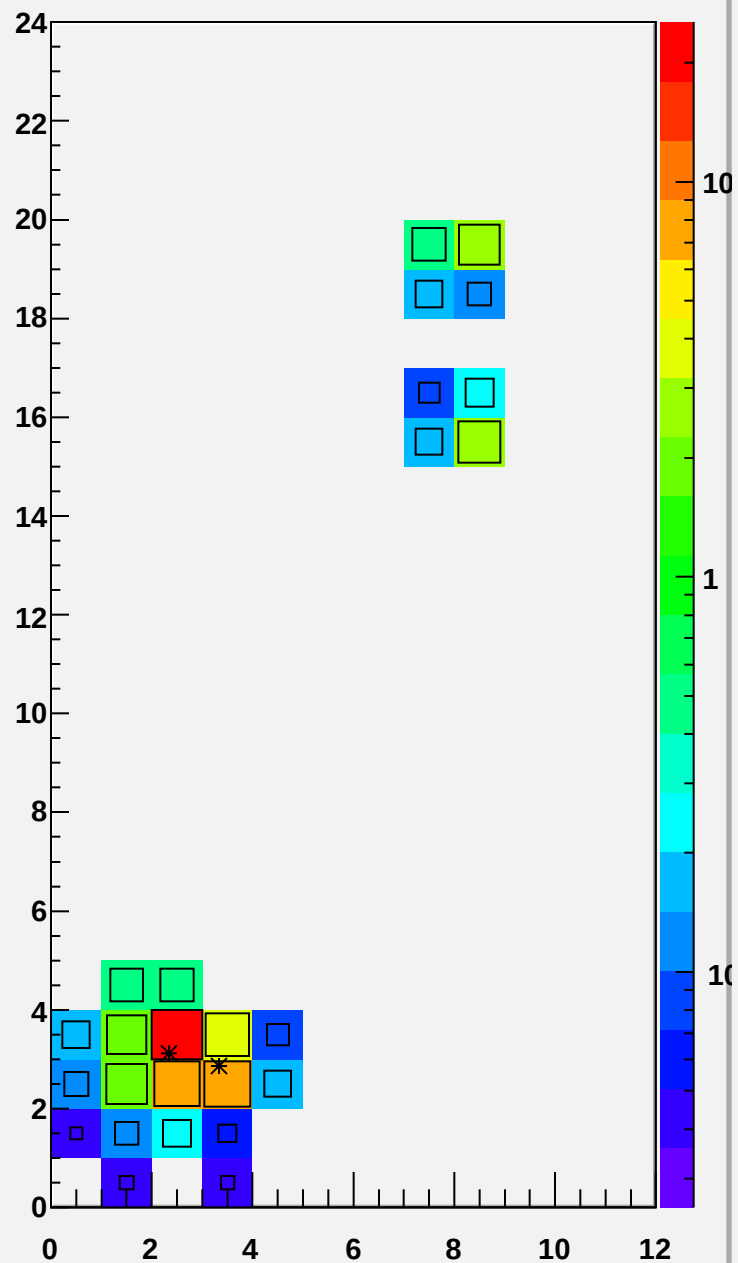
Fitted Energies



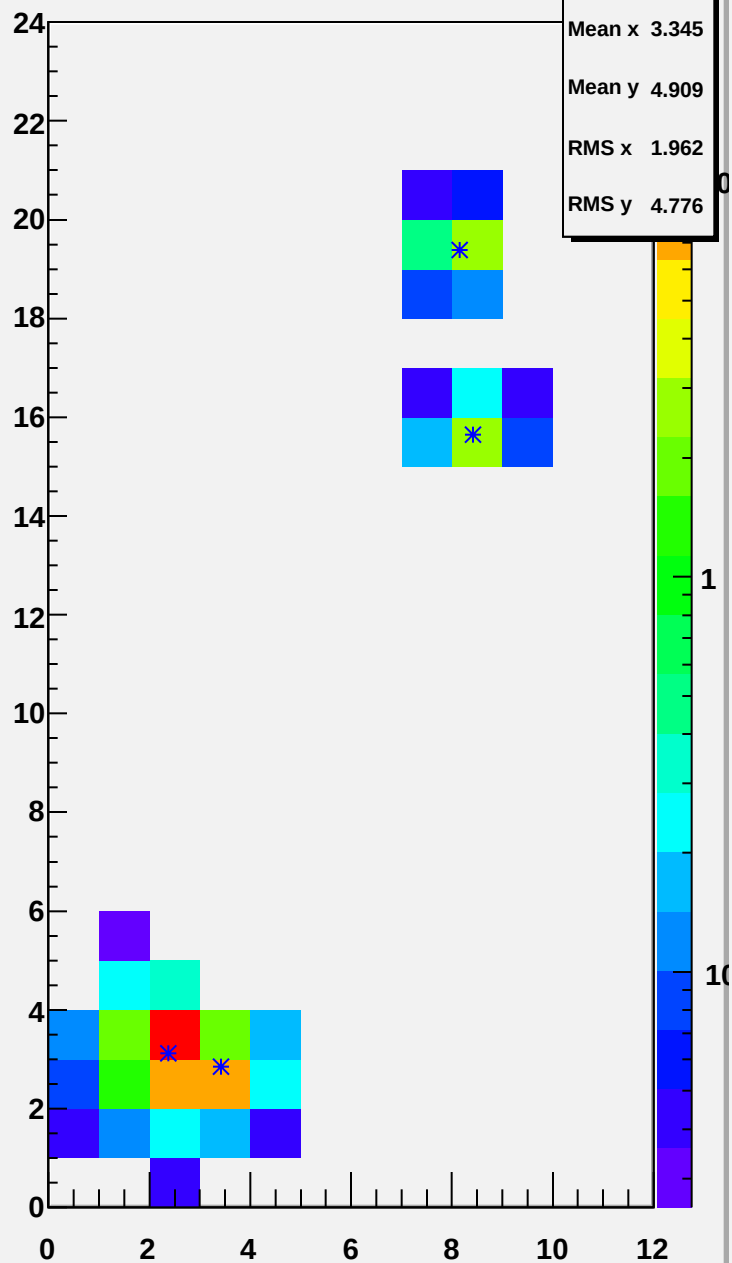
Efit

Entries 288
Mean x 6.072
Mean y 8.597
RMS x 1.938
RMS y 4.298

NSTB3_r4_c3_En=57.1_m0=0.116_m1=0.111_index=6



Fitted Energies



Efit

Entries 288

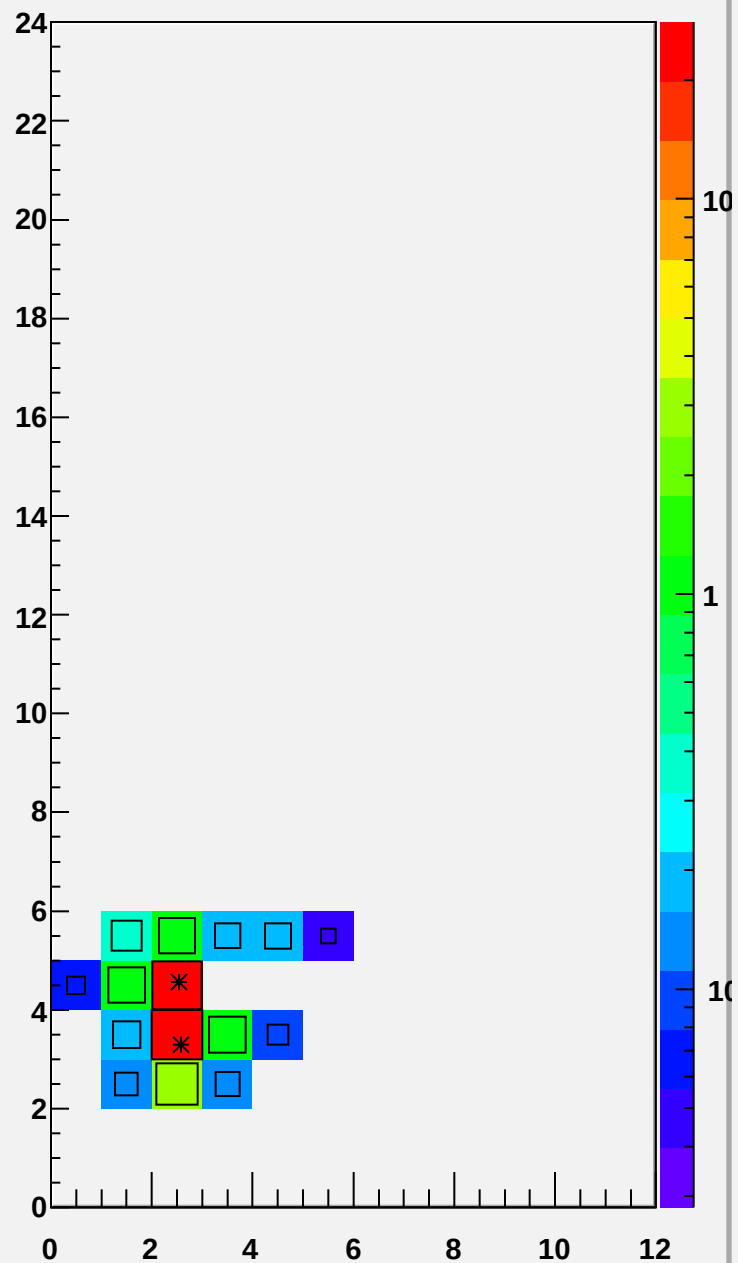
Mean x 3.345

Mean y 4.909

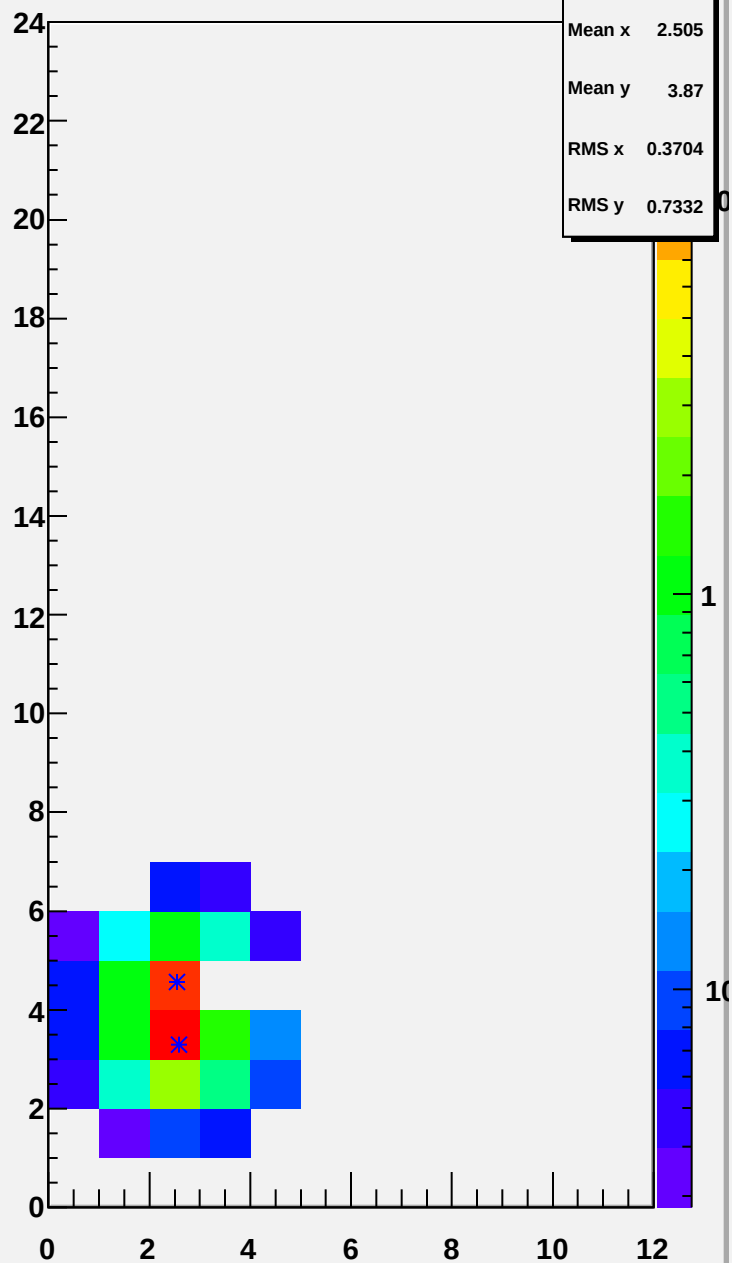
RMS x 1.962

RMS y 4.776

NSTB3_r4_c3_En=55.5_m0=0.193 m1=0.193 index=7



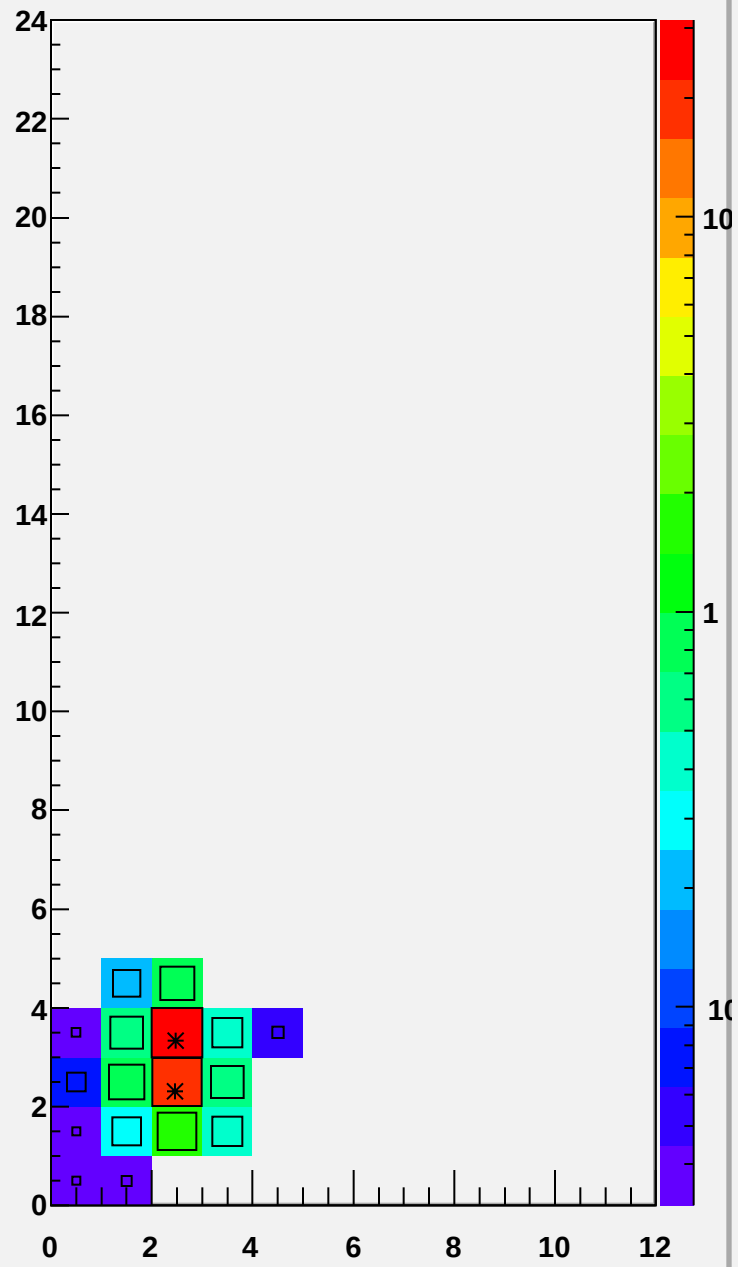
Fitted Energies



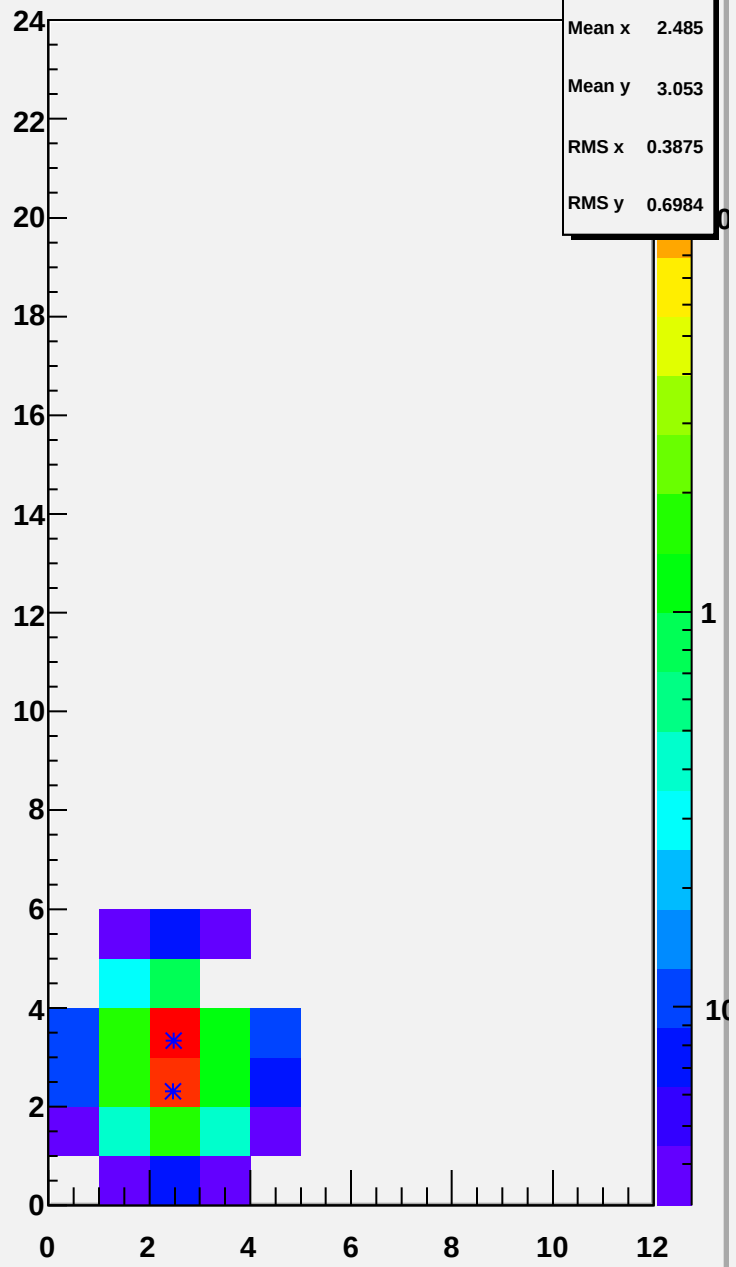
Efit

Entries	288
Mean x	2.505
Mean y	3.87
RMS x	0.3704
RMS y	0.7332

NSTB3_r4_c3_En=58.4_m0=0.161 m1=0.161 index=8



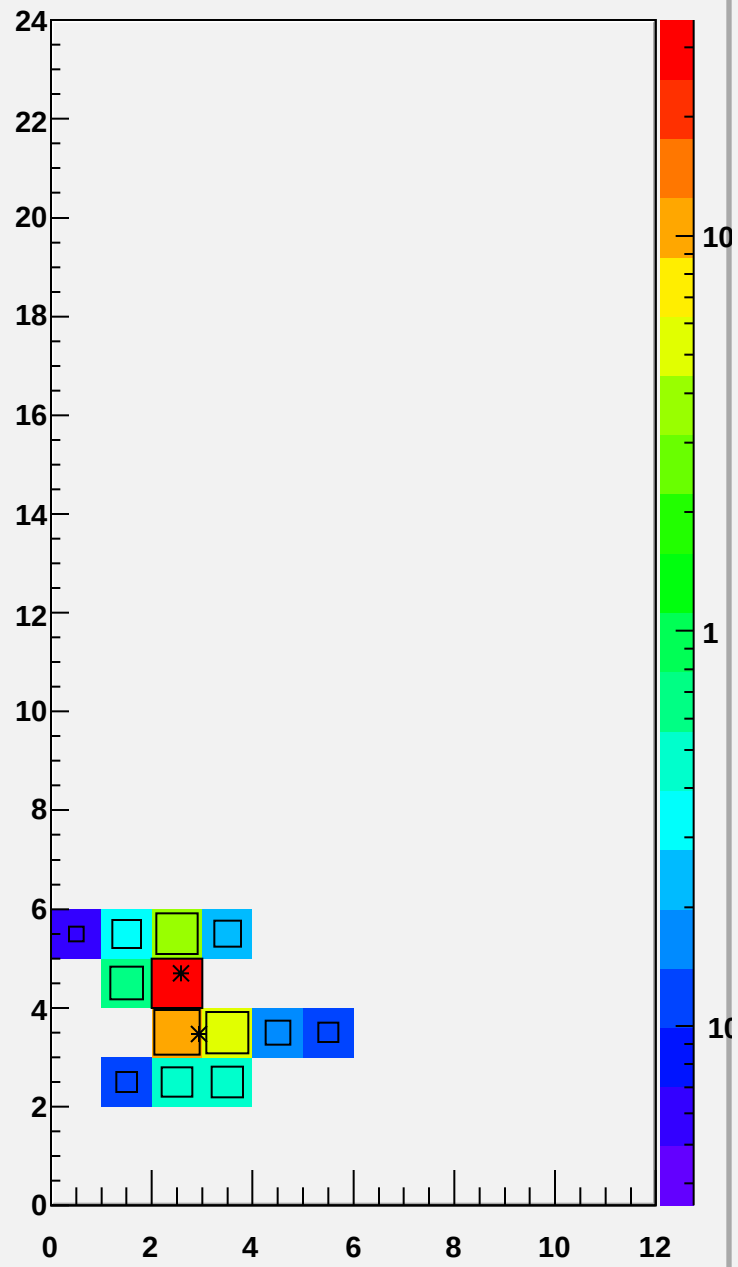
Fitted Energies



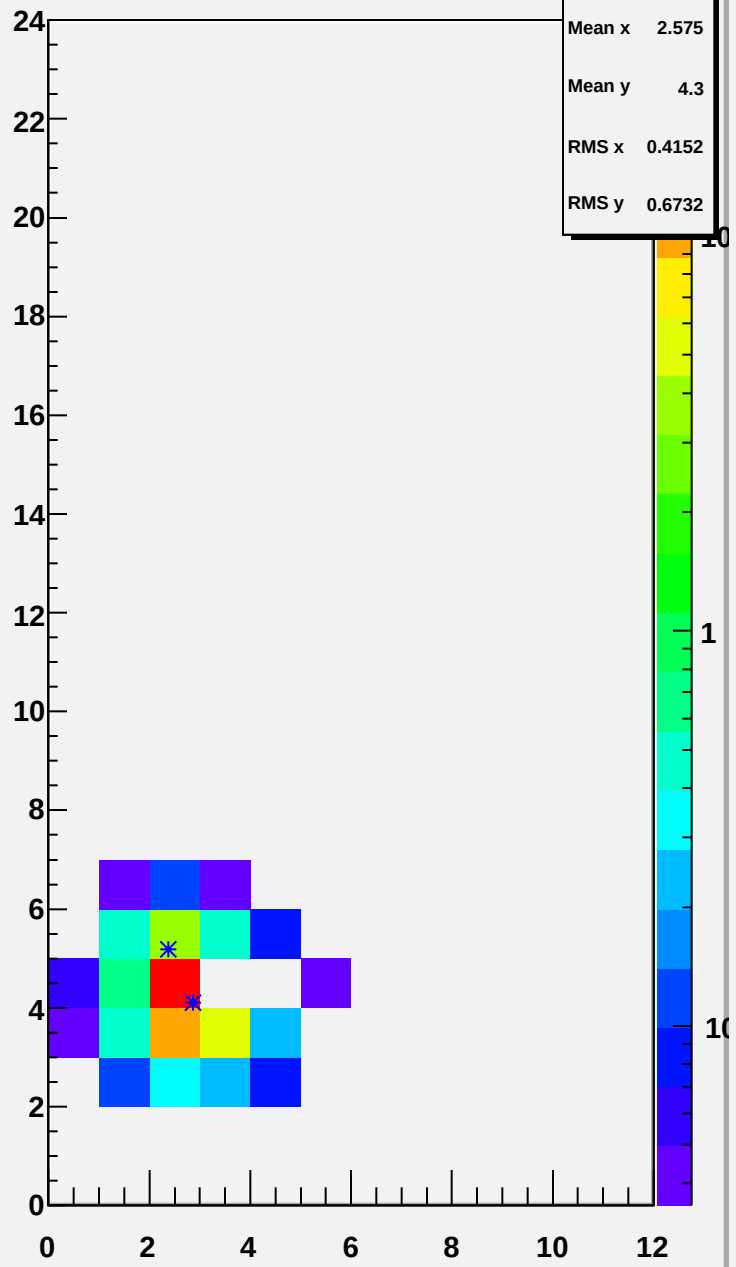
Efit

Entries	288
Mean x	2.485
Mean y	3.053
RMS x	0.3875
RMS y	0.6984

NSTB3_r4_c3_En=56.6_m0=0.182_m1=0.109_index=9



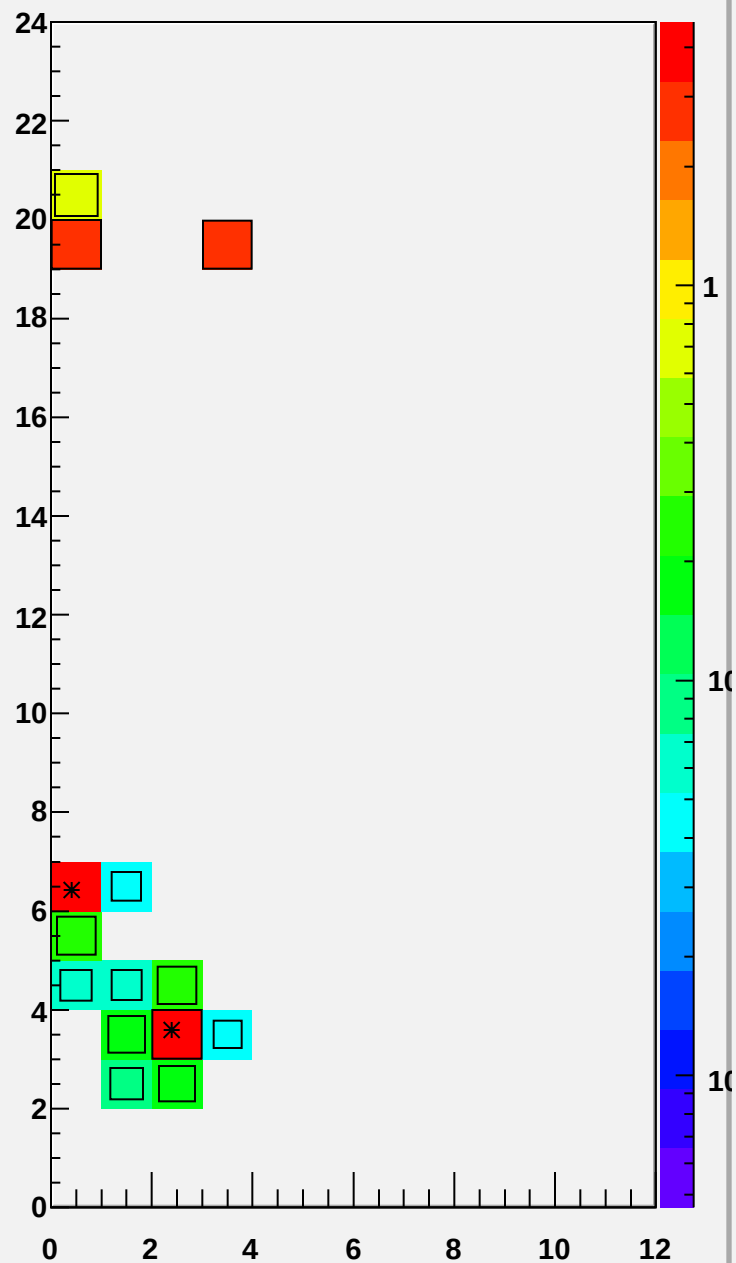
Fitted Energies



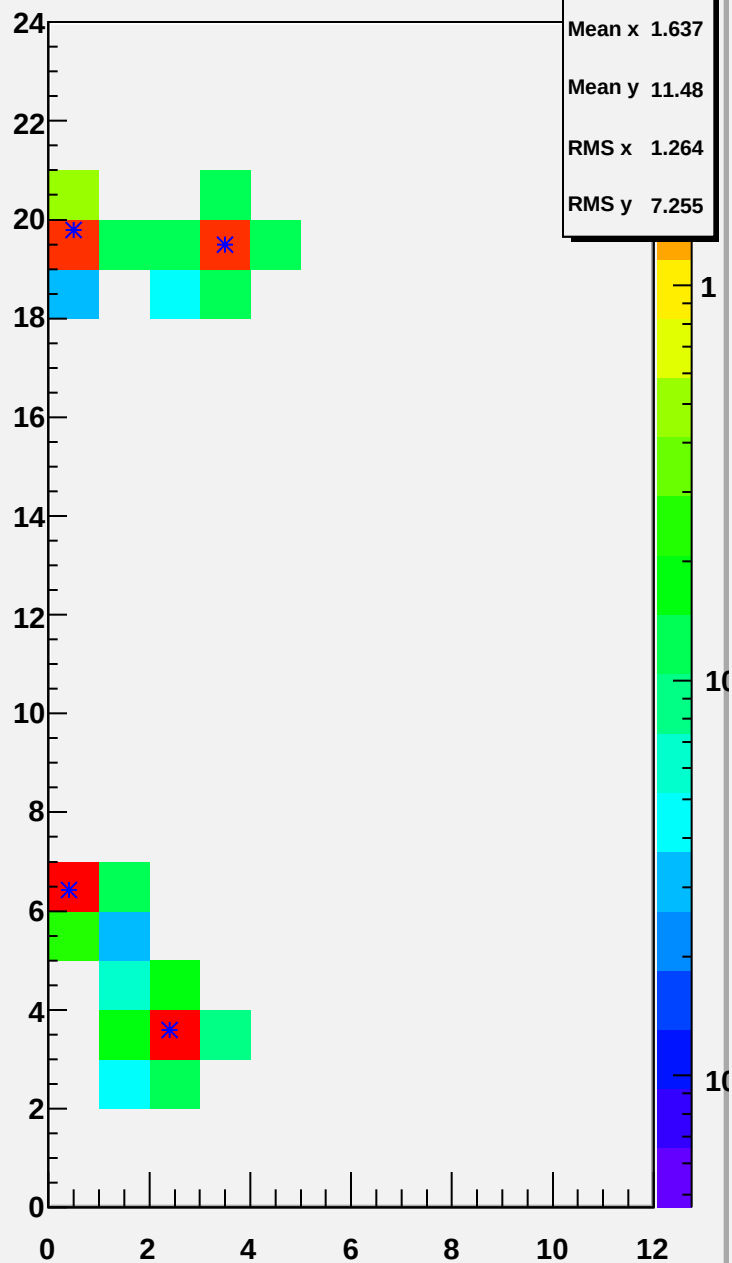
Efit

Entries	288
Mean x	2.575
Mean y	4.3
RMS x	0.4152
RMS y	0.6732

NSTB3_r4_c3_En=16.4_m0=0.094_m1=0.094_index=10



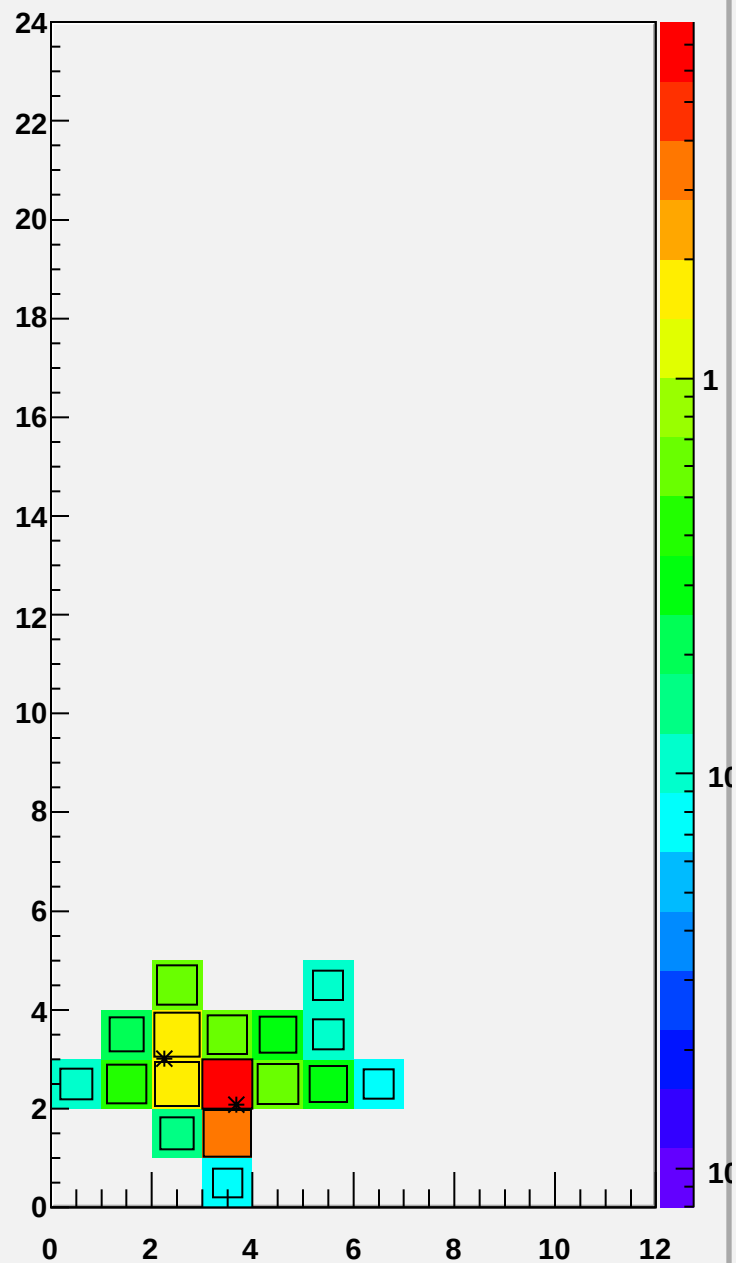
Fitted Energies



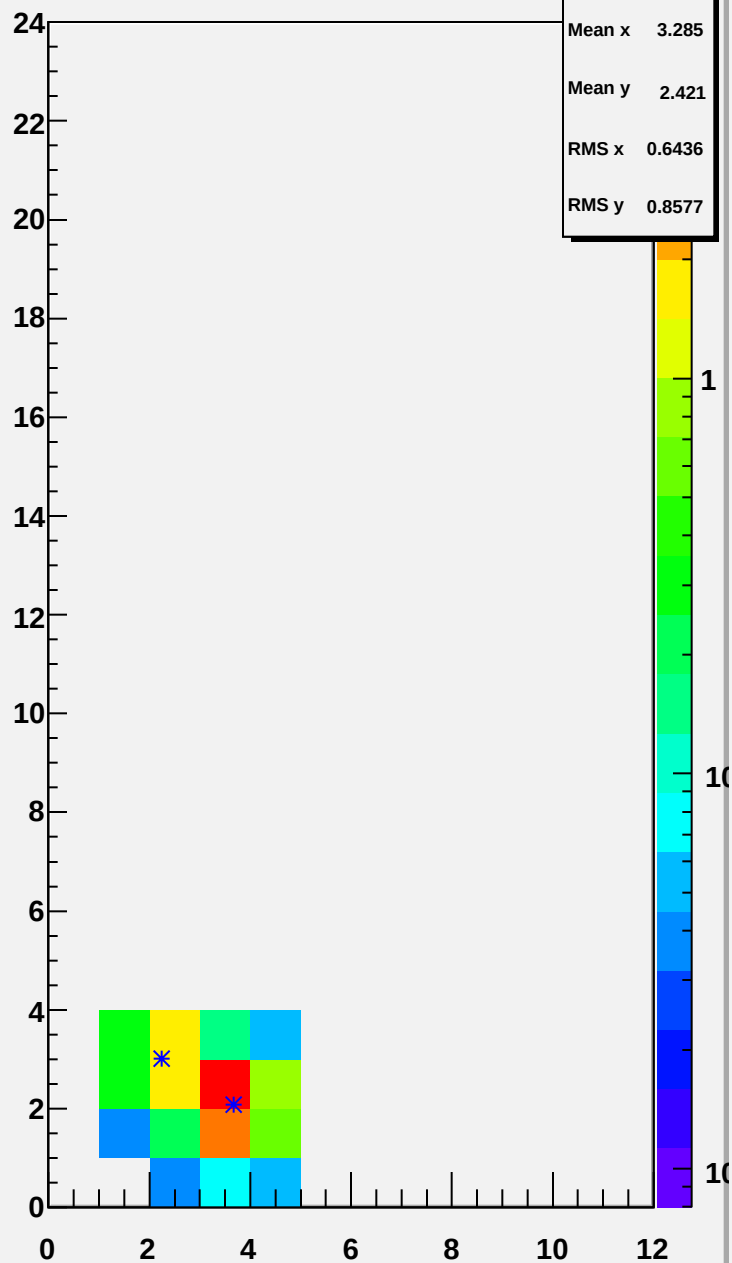
Efit

Entries 288
Mean x 1.637
Mean y 11.48
RMS x 1.264
RMS y 7.255

NSTB3_r4_c3_En=18.7_m0=0.071 m1=0.071 index=11



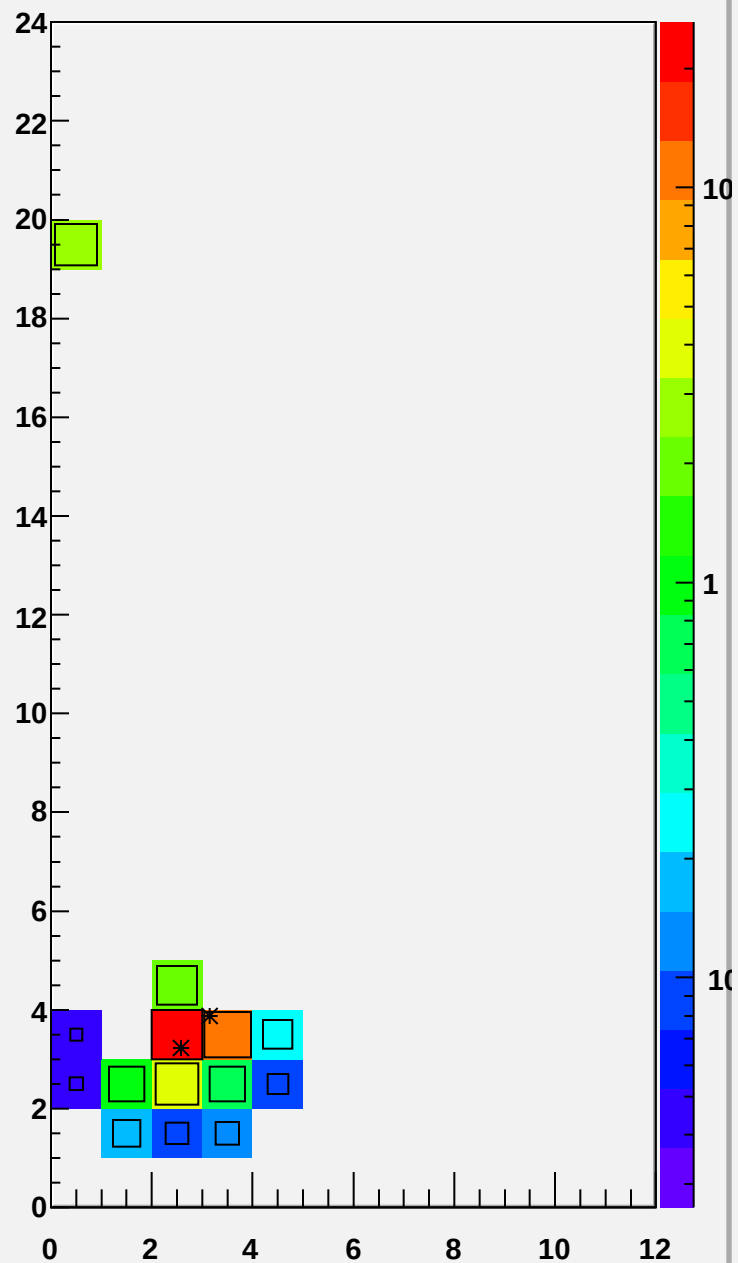
Fitted Energies



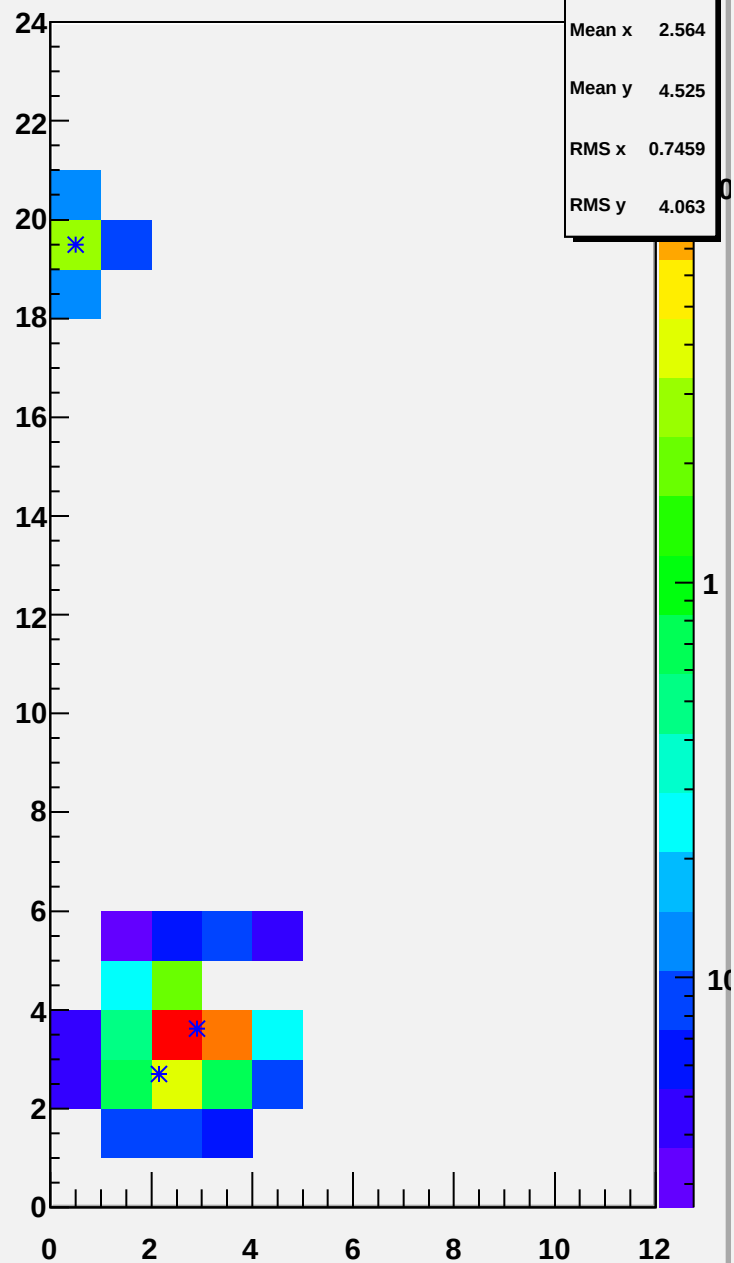
Efit

Entries	288
Mean x	3.285
Mean y	2.421
RMS x	0.6436
RMS y	0.8577

NSTB3_r4_c3_En=47.0_m0=0.096_m1=-0.000_index=12



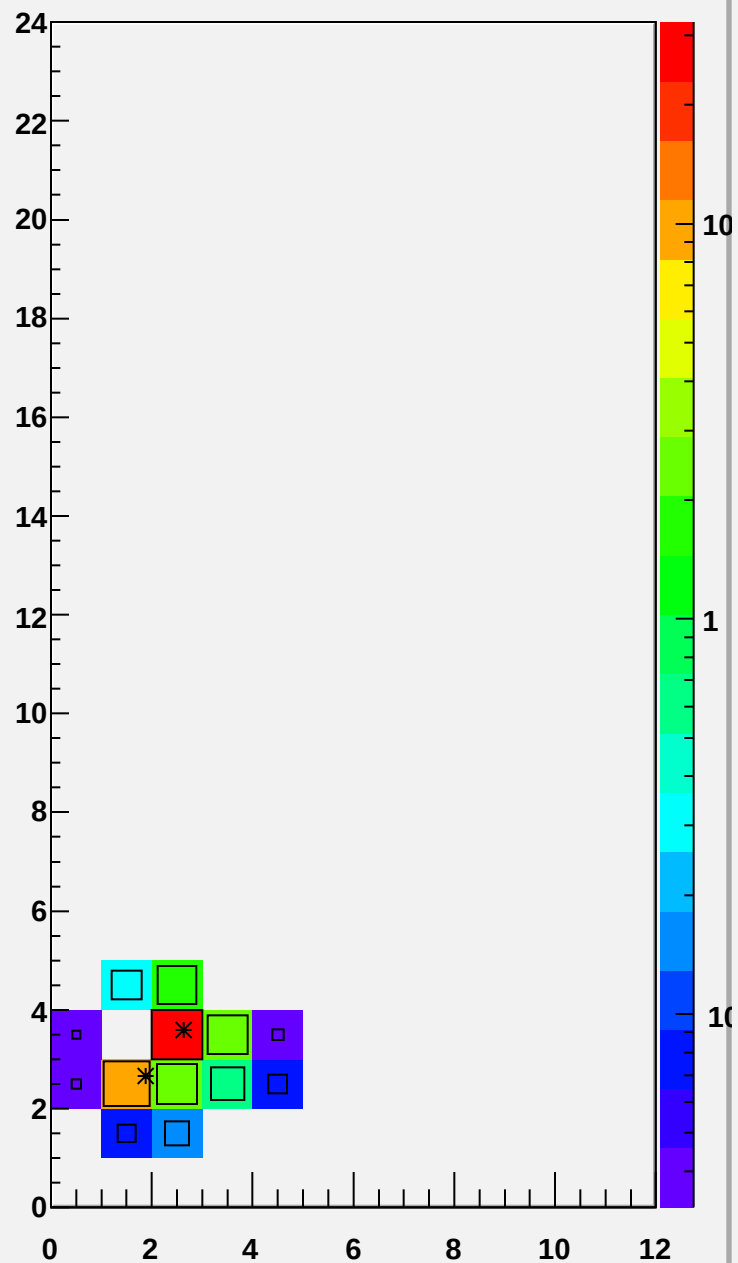
Fitted Energies



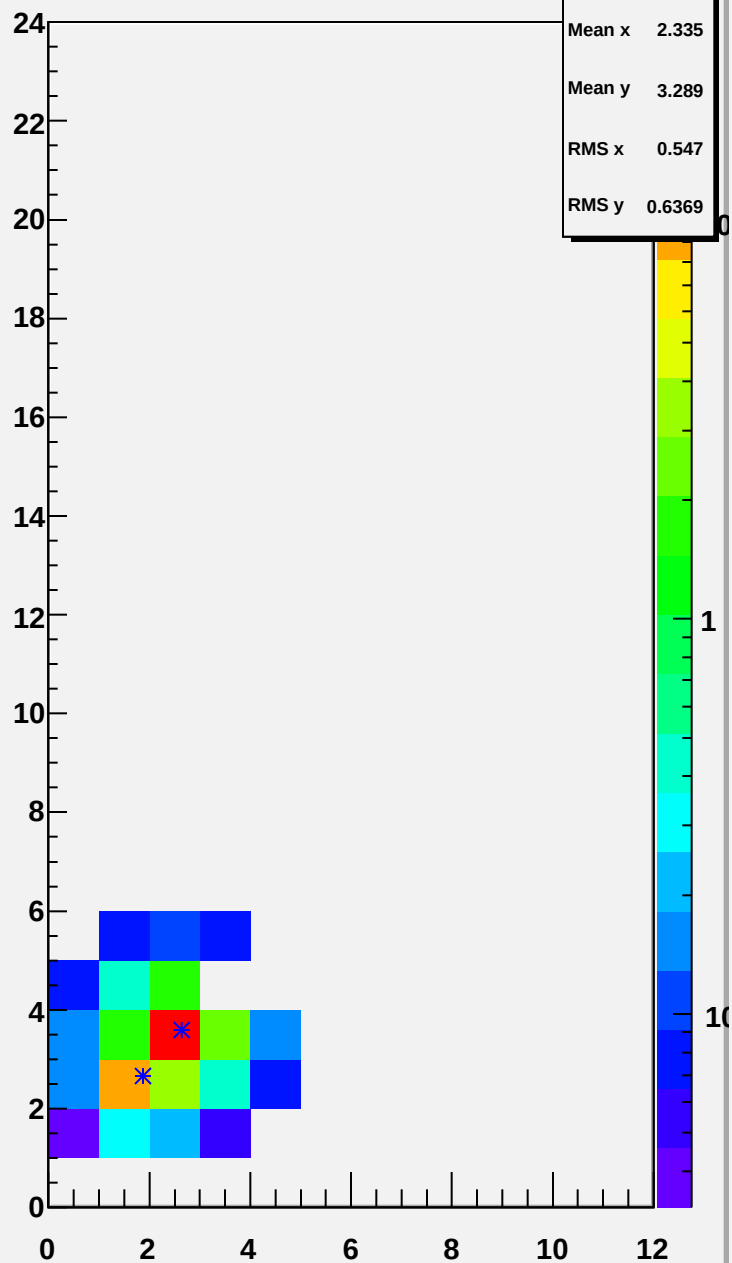
Efit

Entries	288
Mean x	2.564
Mean y	4.525
RMS x	0.7459
RMS y	4.063

NSTB3_r4_c3_En=50.4_m0=0.154_m1=0.155_index=13



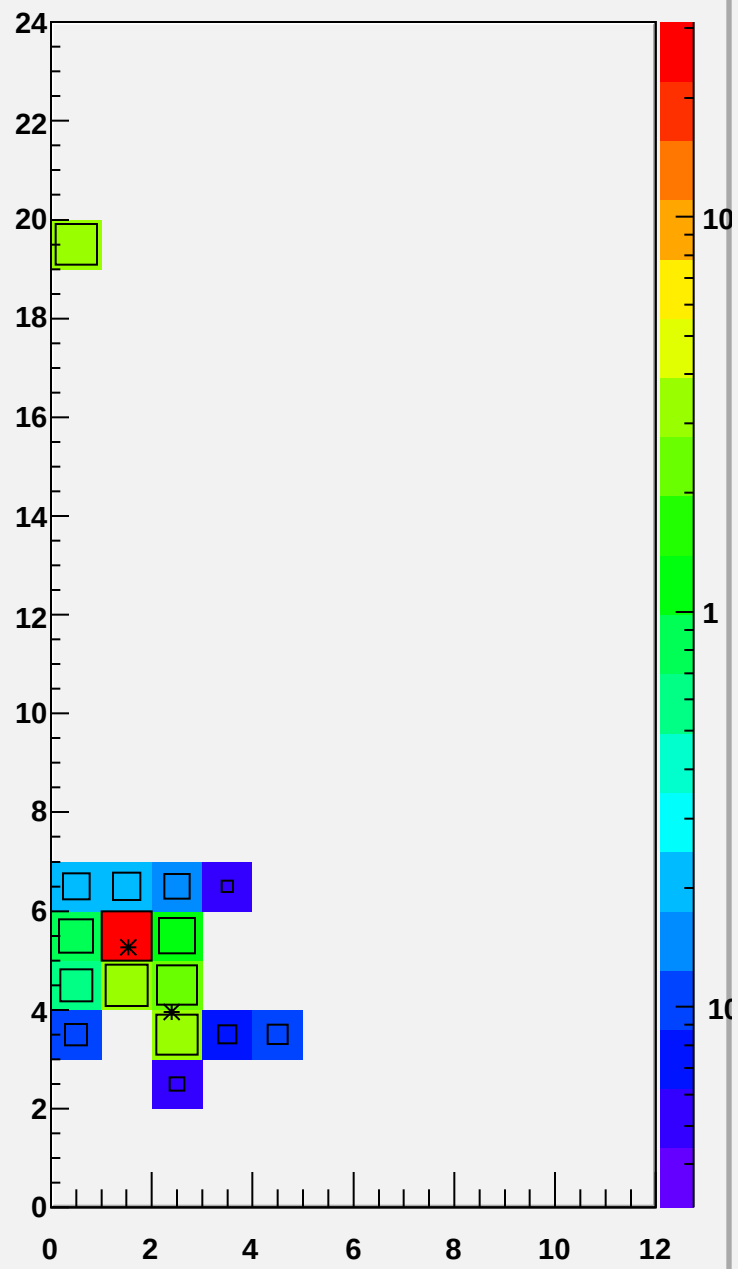
Fitted Energies



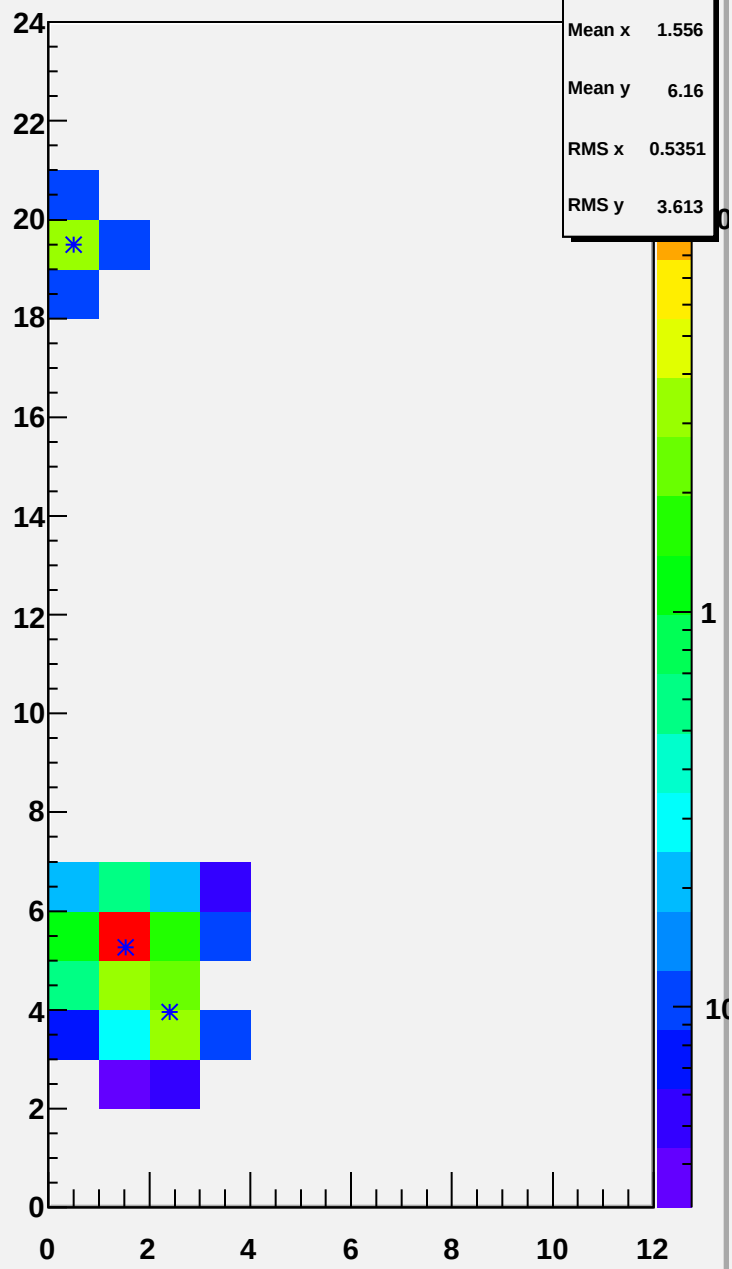
Efit

Entries	288
Mean x	2.335
Mean y	3.289
RMS x	0.547
RMS y	0.6369

NSTB3_r4_c3_En=46.9_m0=0.126 m1=0.127 index=14



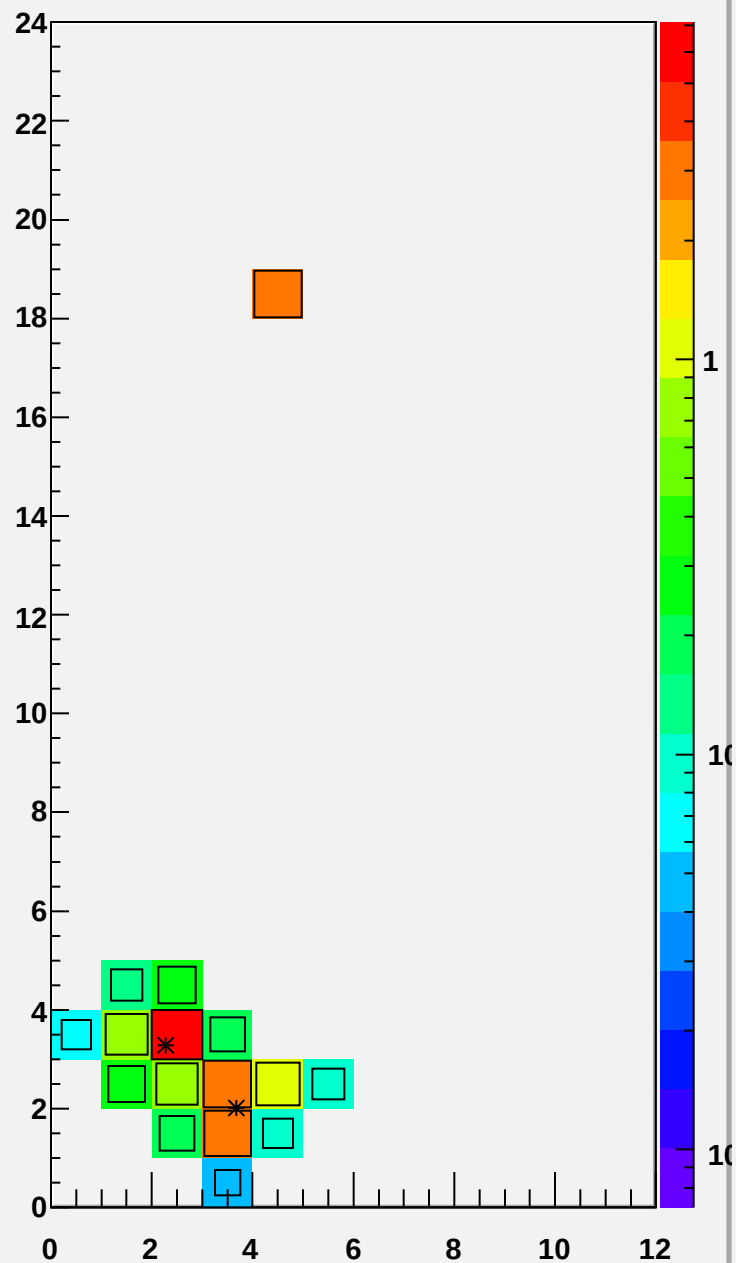
Fitted Energies



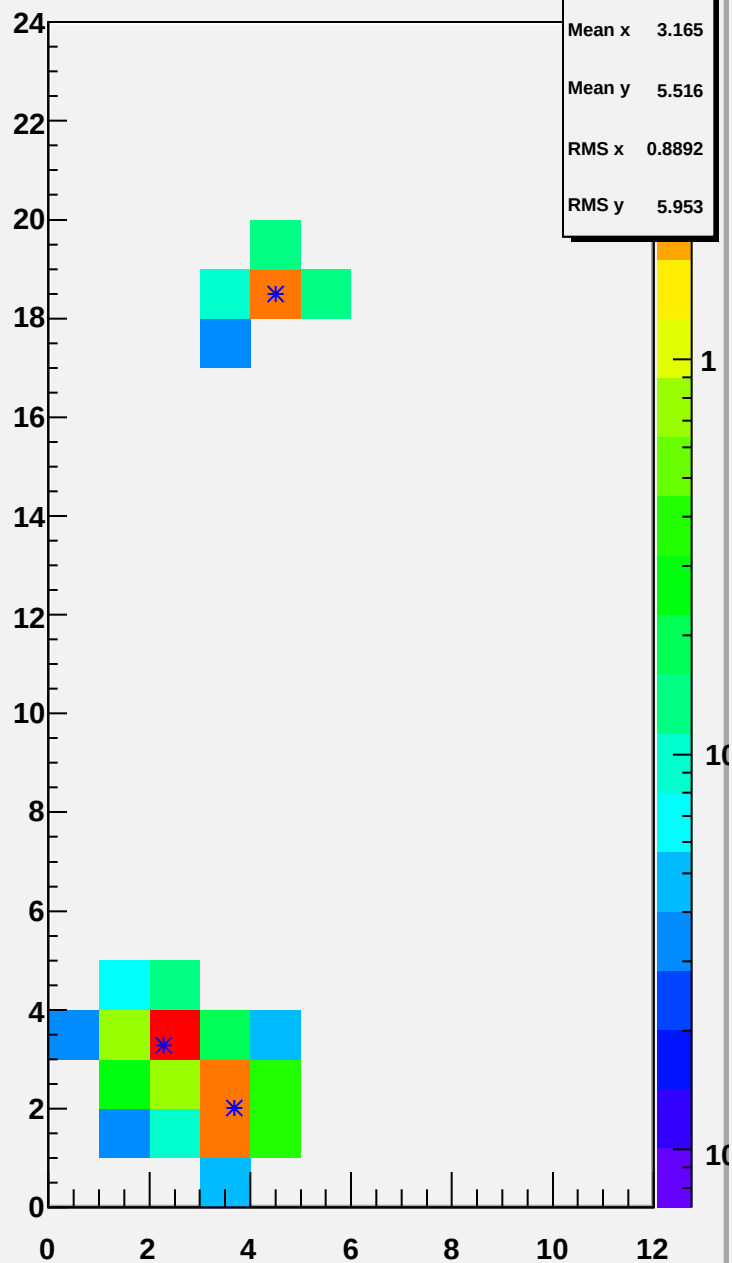
Efit

Entries	288
Mean x	1.556
Mean y	6.16
RMS x	0.5351
RMS y	3.613

NSTB3_r4_c3_En=20.6_m0=0.086_m1=0.087_index=15



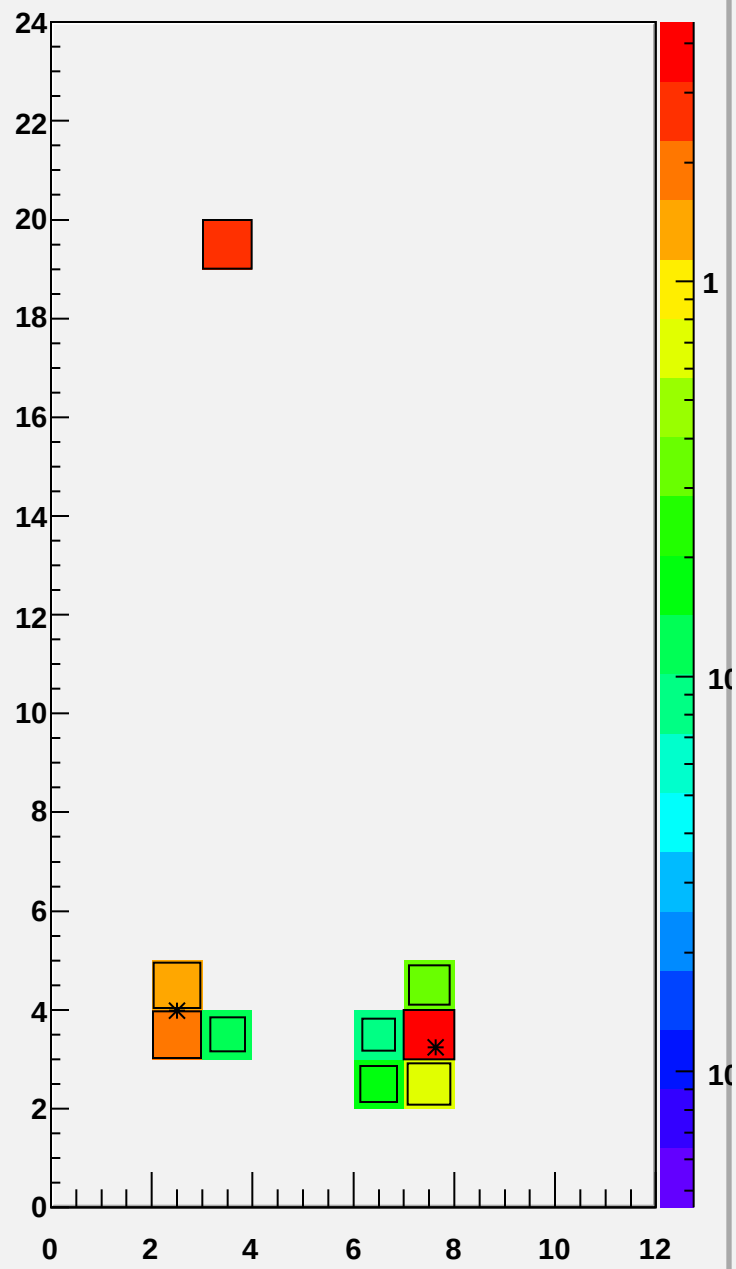
Fitted Energies



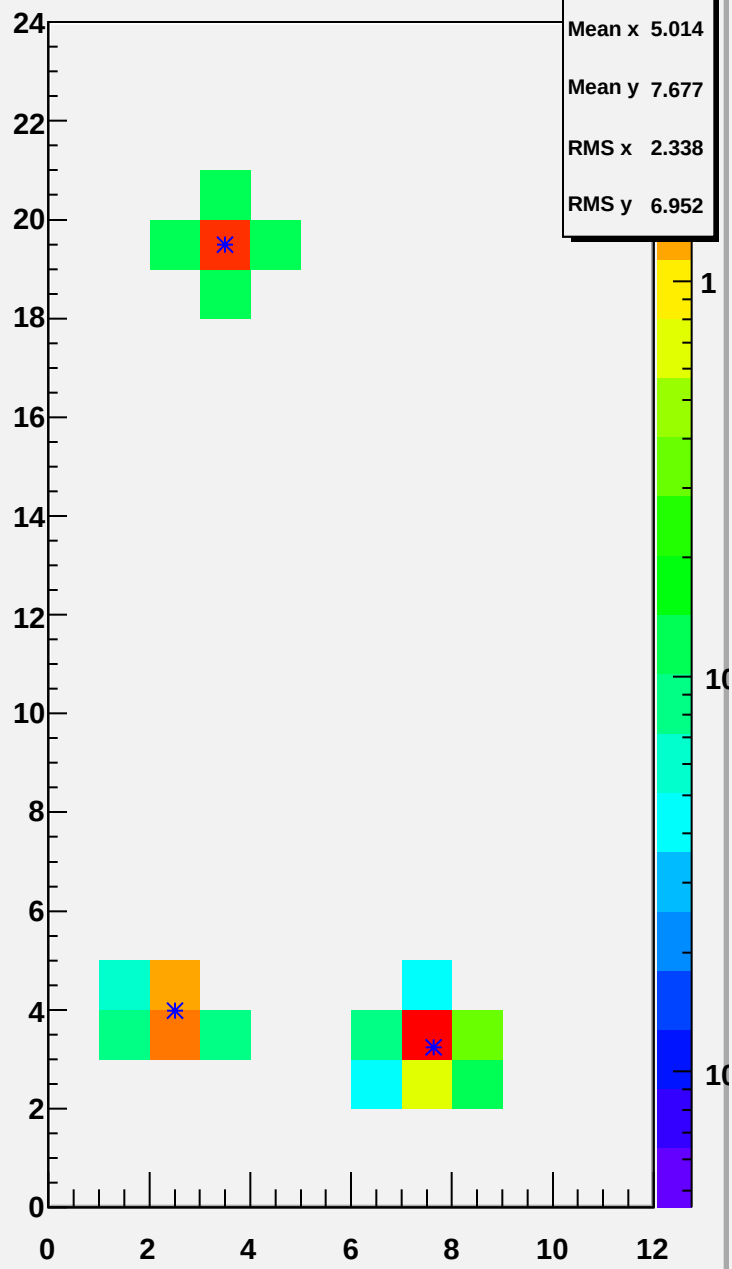
Efit

Entries	288
Mean x	3.165
Mean y	5.516
RMS x	0.8892
RMS y	5.953

NSTB3_r4_c3_En=12.8_m0=0.143 m1=0.143 index=16



Fitted Energies



Efit

Entries 288

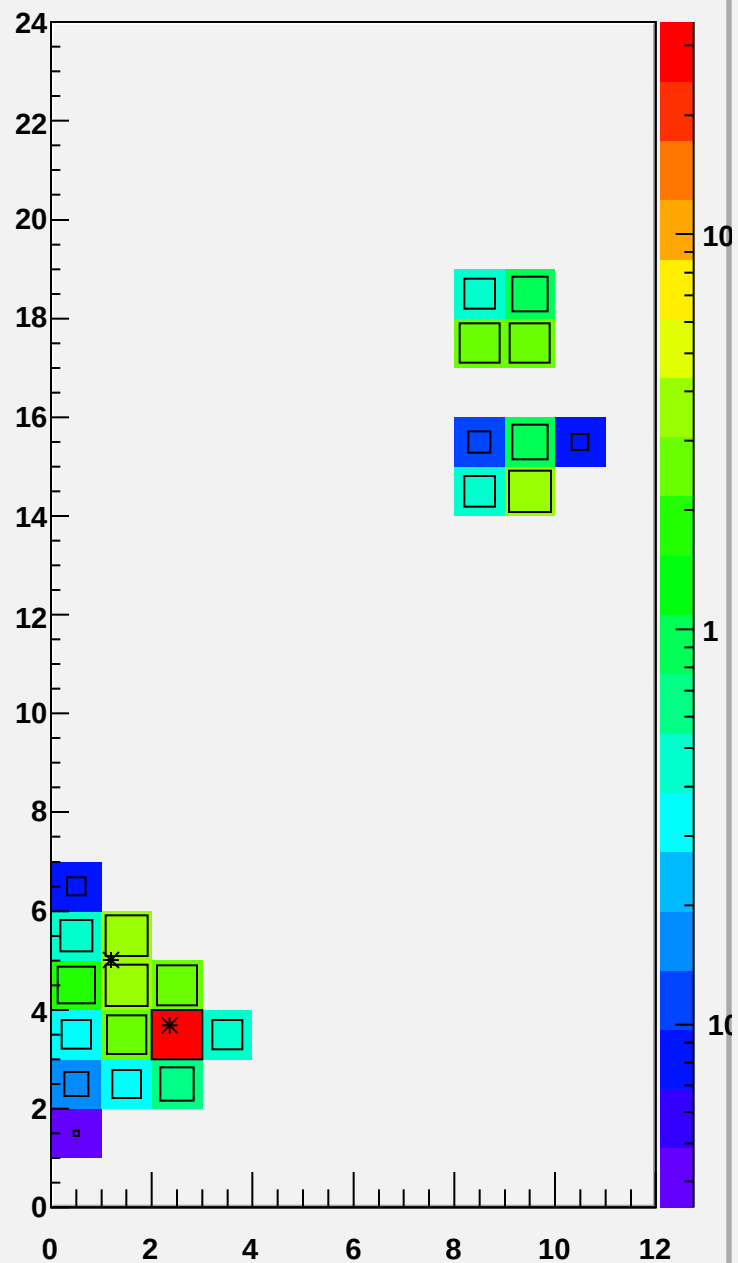
Mean x 5.014

Mean y 7.677

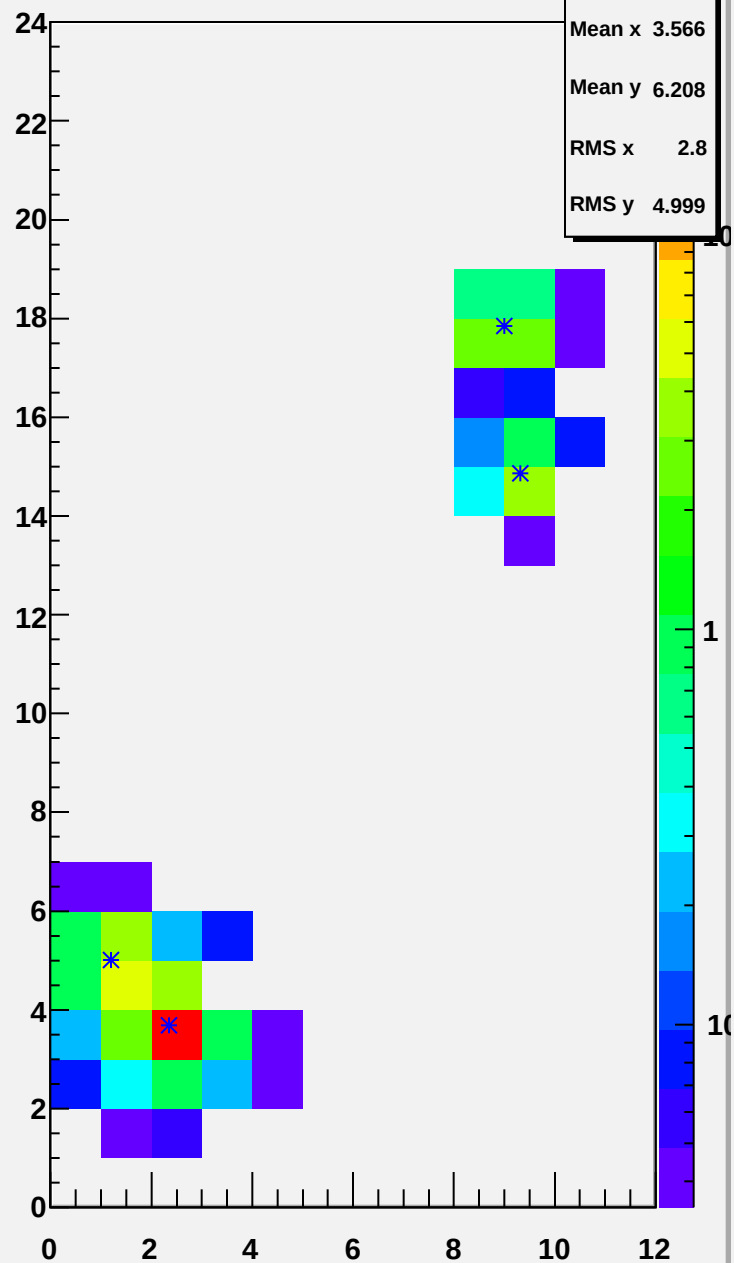
RMS x 2.338

RMS y 6.952

NSTB3_r4_c3_En=64.7_m0=0.196 m1=0.196 index=18



Fitted Energies



Efit

Entries 288

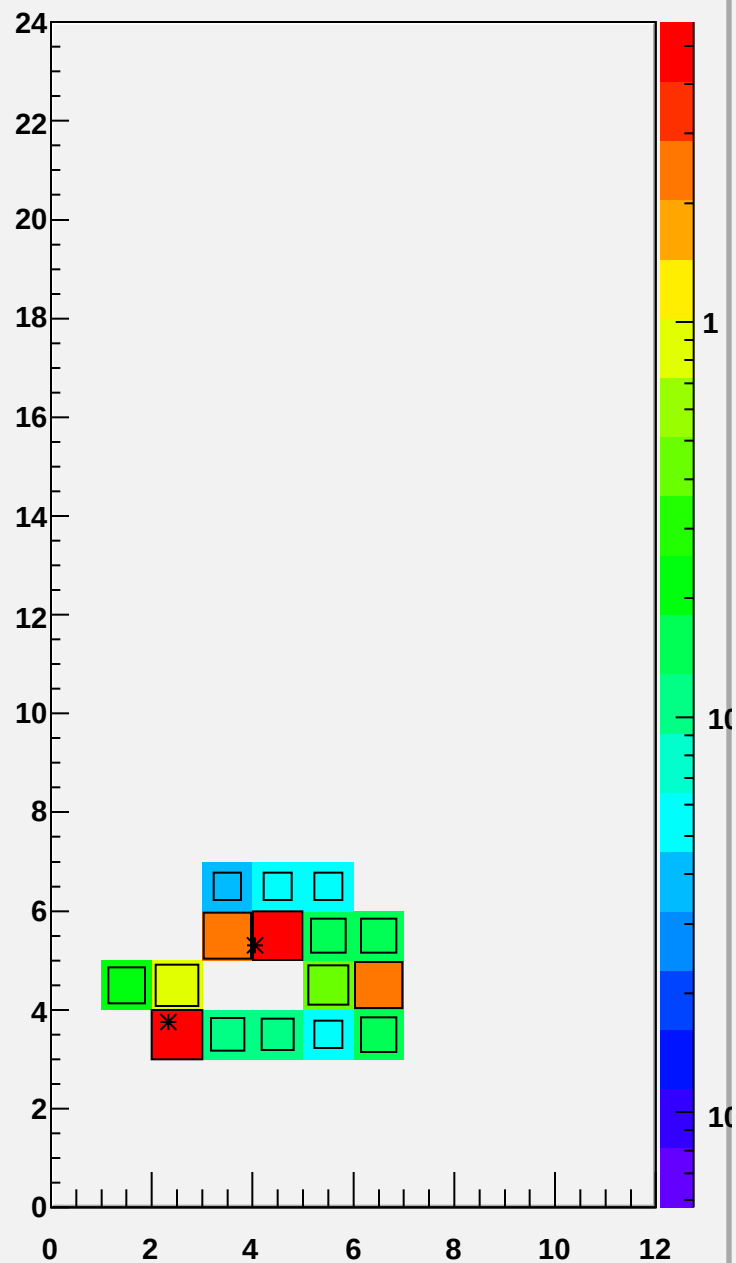
Mean x 3.566

Mean y 6.208

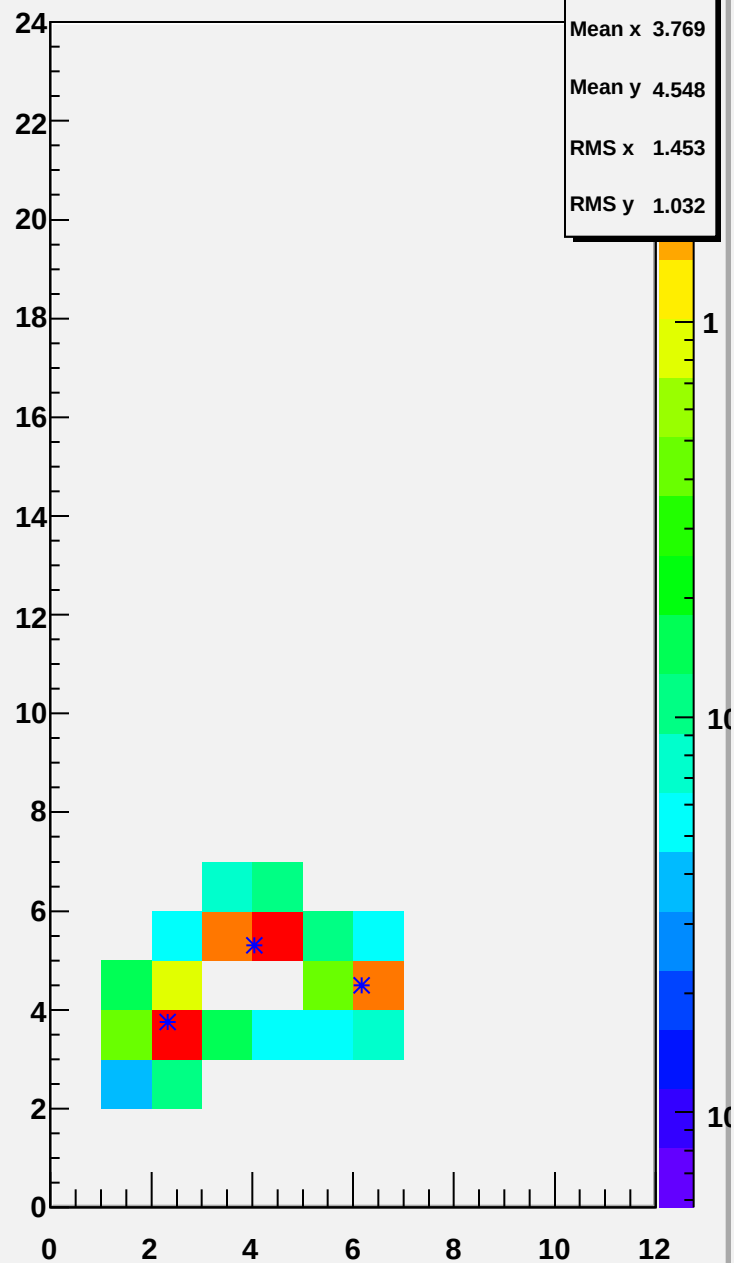
RMS x 2.8

RMS y 4.999

NSTB3_r4_c3_En=17.1_m0=0.098_m1=0.099_index=19



Fitted Energies



Efit

Entries 288

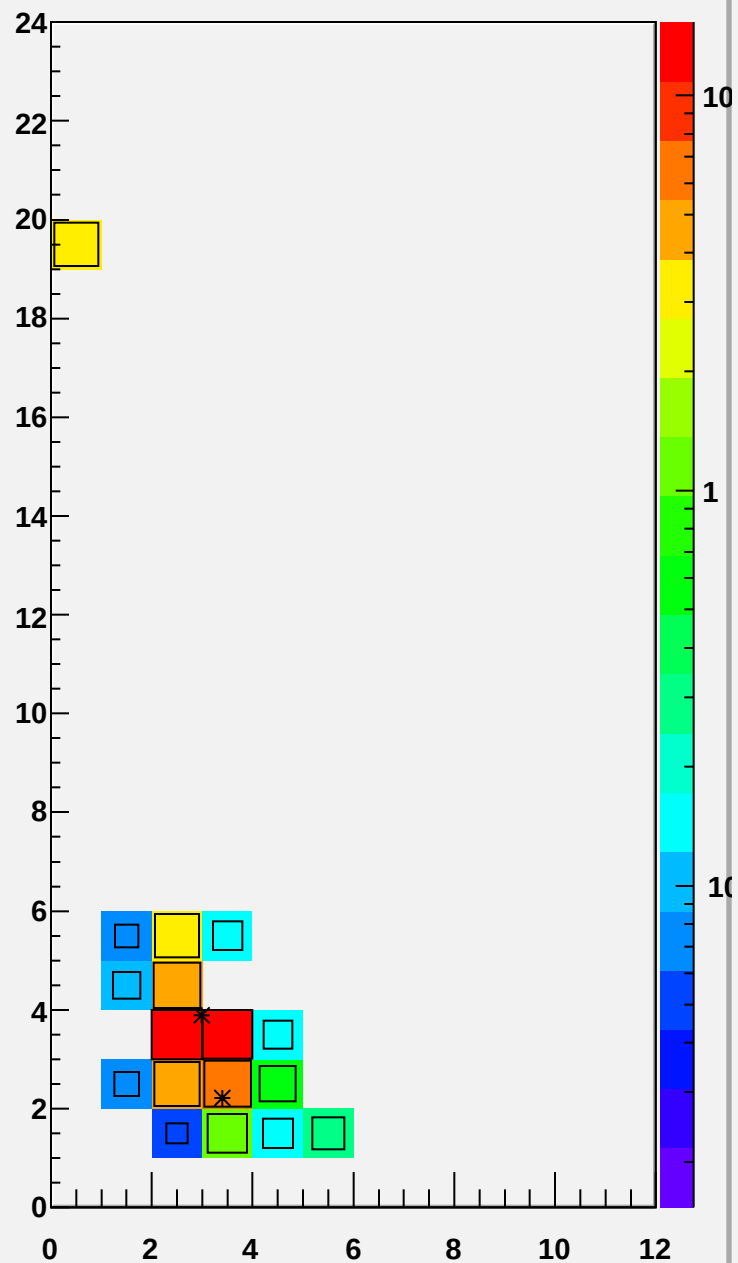
Mean x 3.769

Mean y 4.548

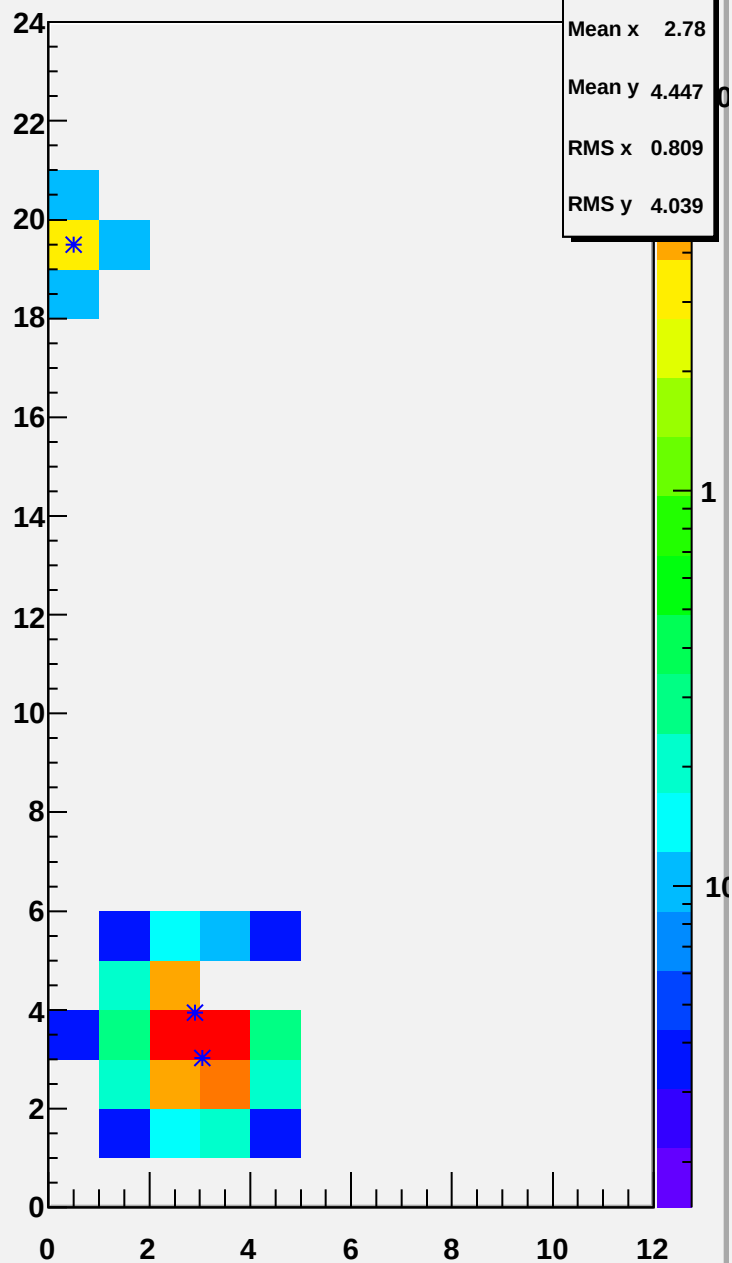
RMS x 1.453

RMS y 1.032

NSTB3_r4_c3_En=52.4_m0=0.172 m1=0.124 index=21



Fitted Energies



Efit

Entries 288

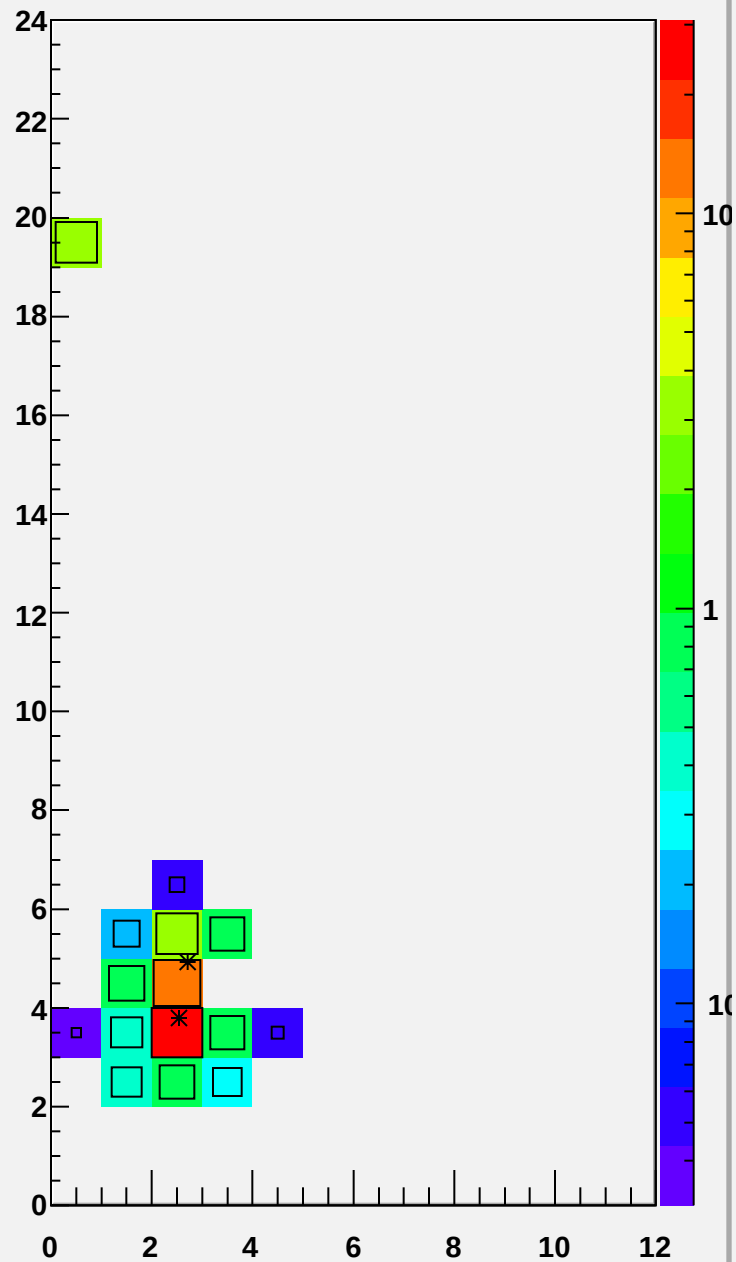
Mean x 2.78

Mean y 4.447

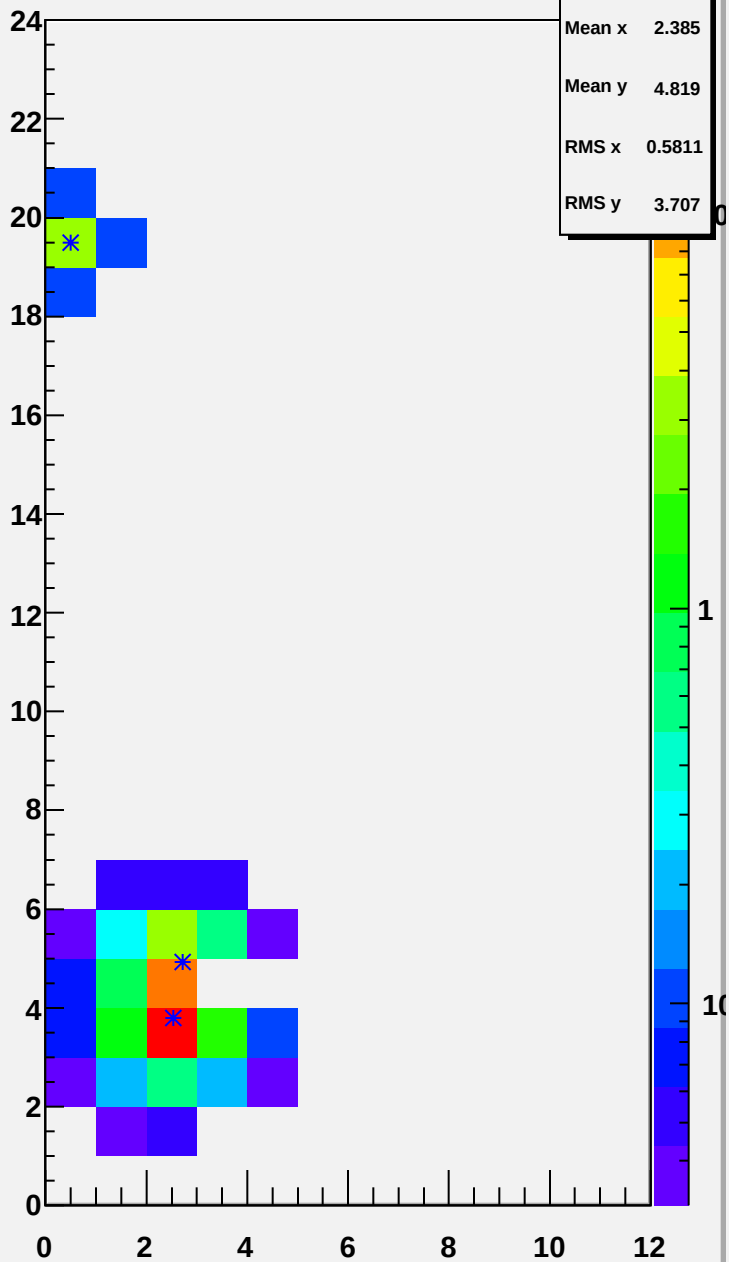
RMS x 0.809

RMS y 4.039

NSTB3_r4_c3_En=54.7_m0=0.143 m1=0.143 index=22



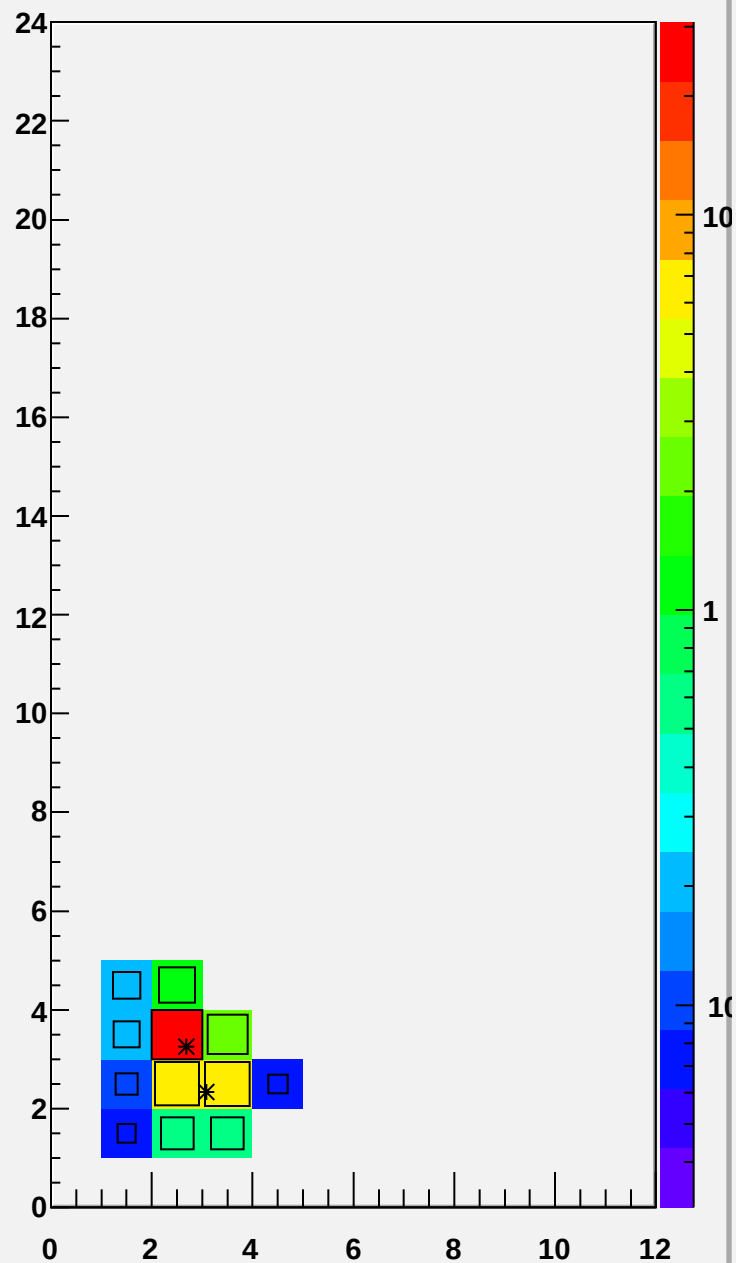
Fitted Energies



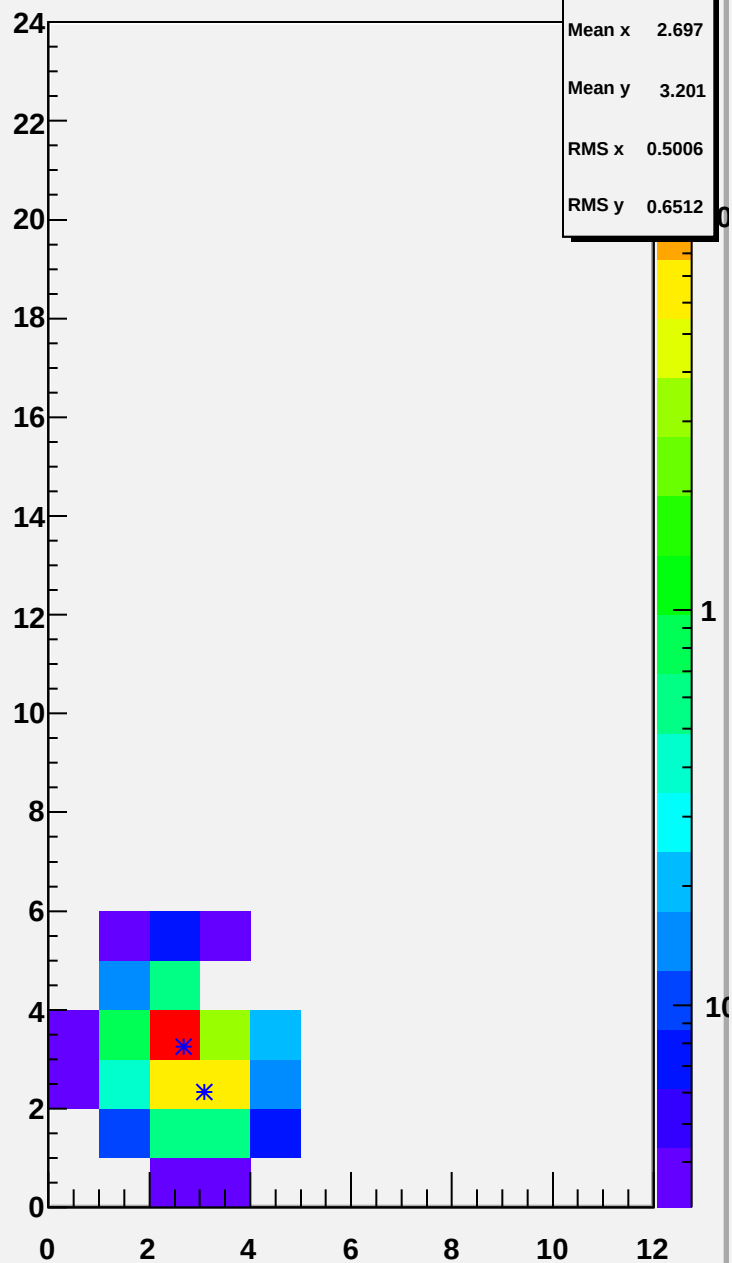
Efit

Entries	288
Mean x	2.385
Mean y	4.819
RMS x	0.5811
RMS y	3.707

NSTB3_r4_c3_En=49.8_m0=0.109 m1=0.109 index=23



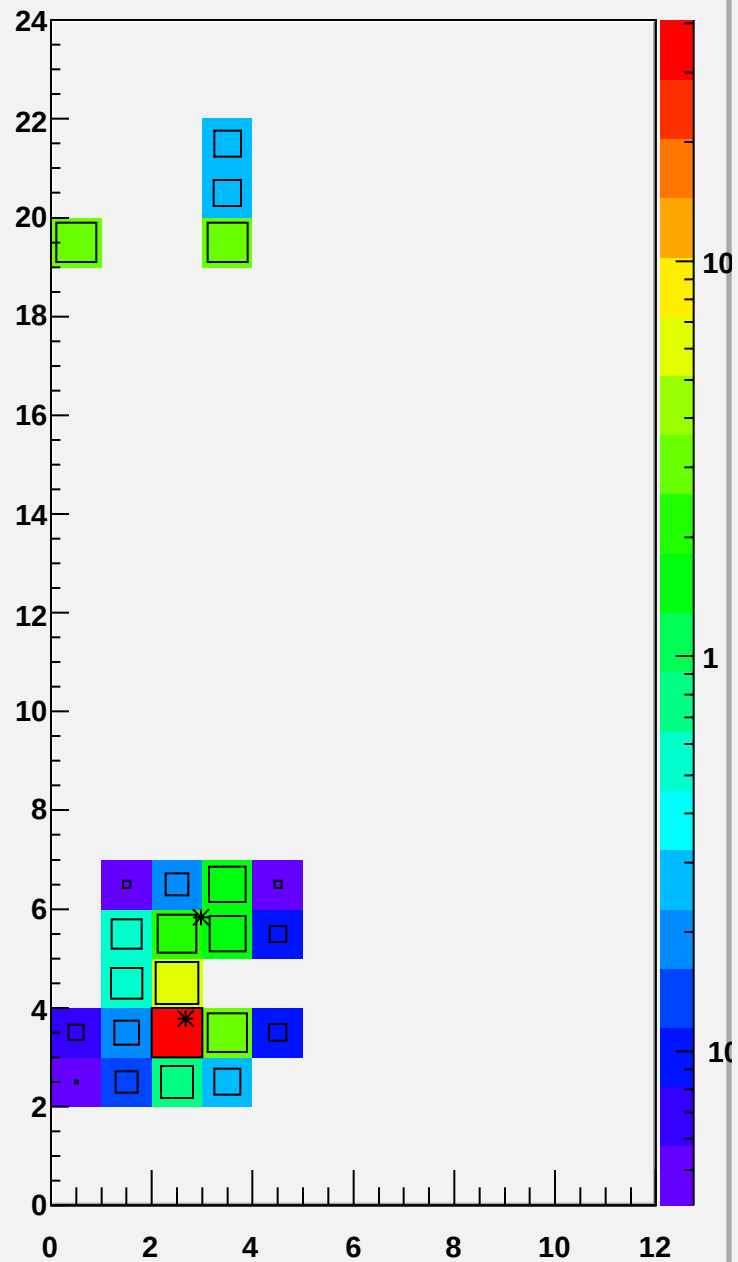
Fitted Energies



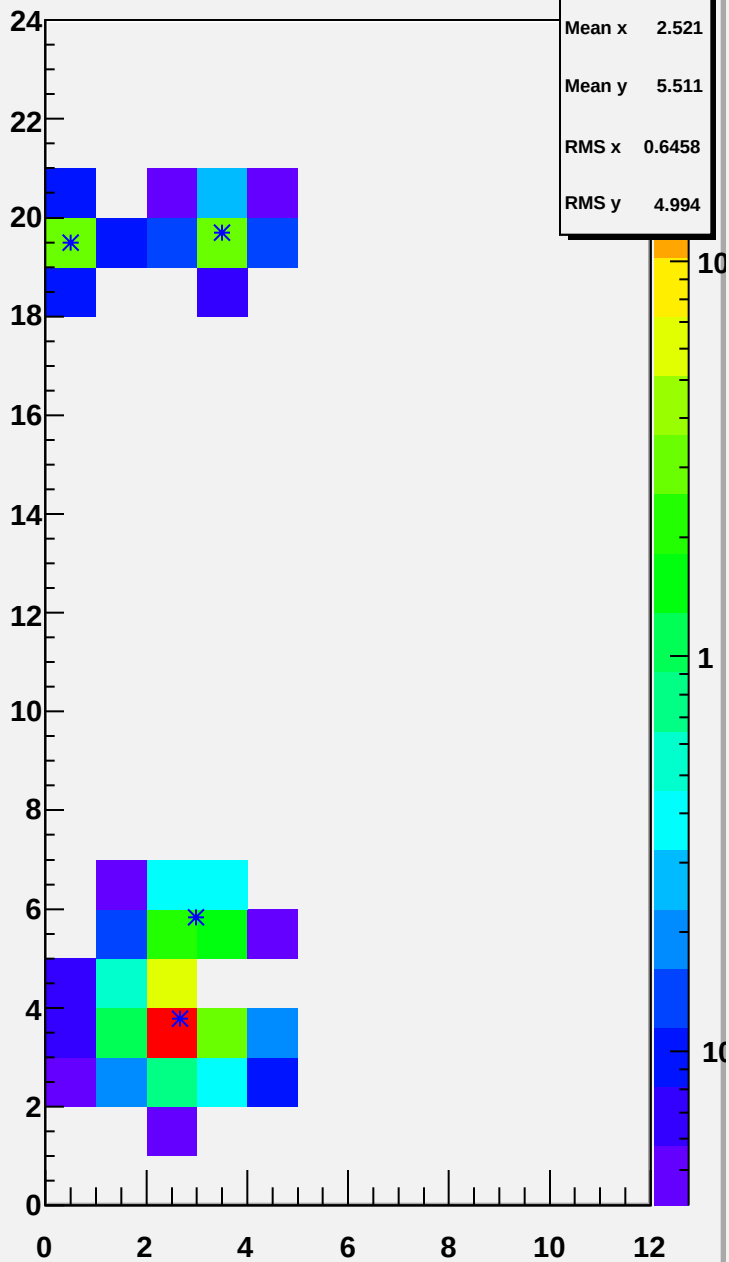
Efit

Entries	288
Mean x	2.697
Mean y	3.201
RMS x	0.5006
RMS y	0.6512

NSTB3_r4_c3_En=64.2_m0=0.175_m1=0.175_index=24



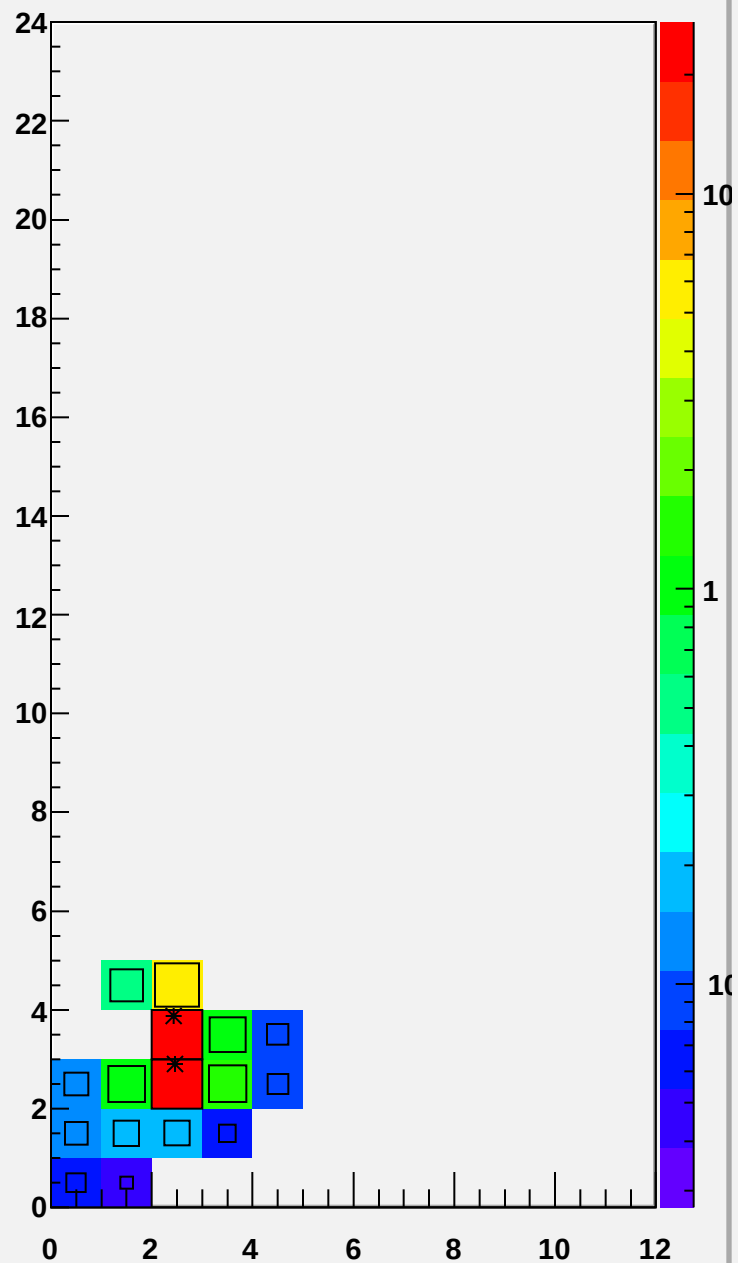
Fitted Energies



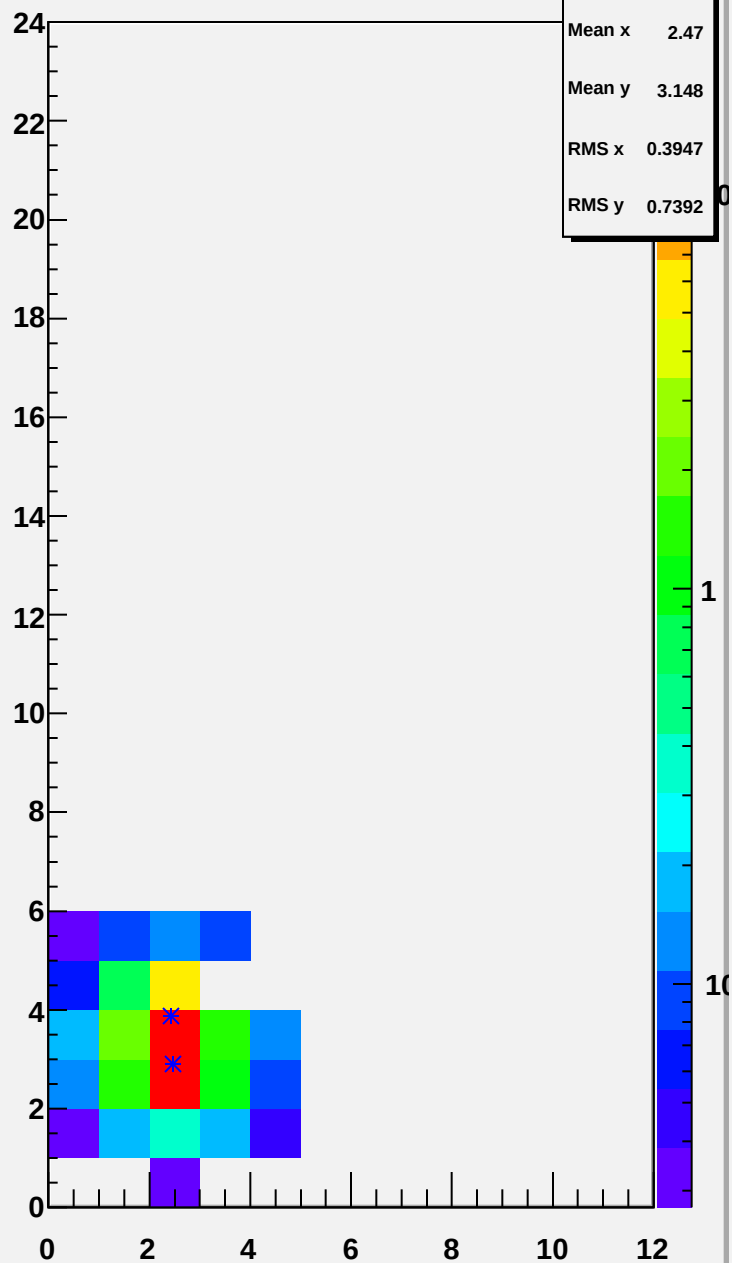
Efit

Entries	288
Mean x	2.521
Mean y	5.511
RMS x	0.6458
RMS y	4.994

NSTB3_r4_c3_En=63.6_m0=0.174 m1=0.174 index=25



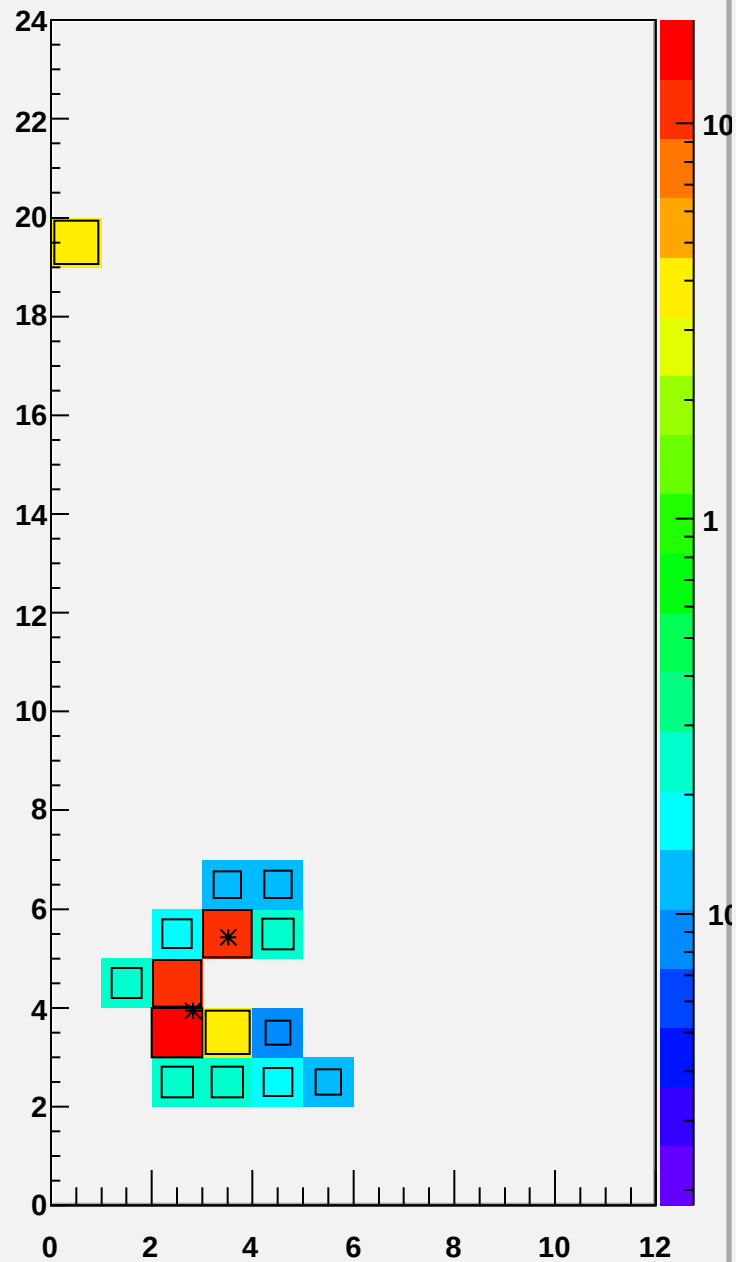
Fitted Energies



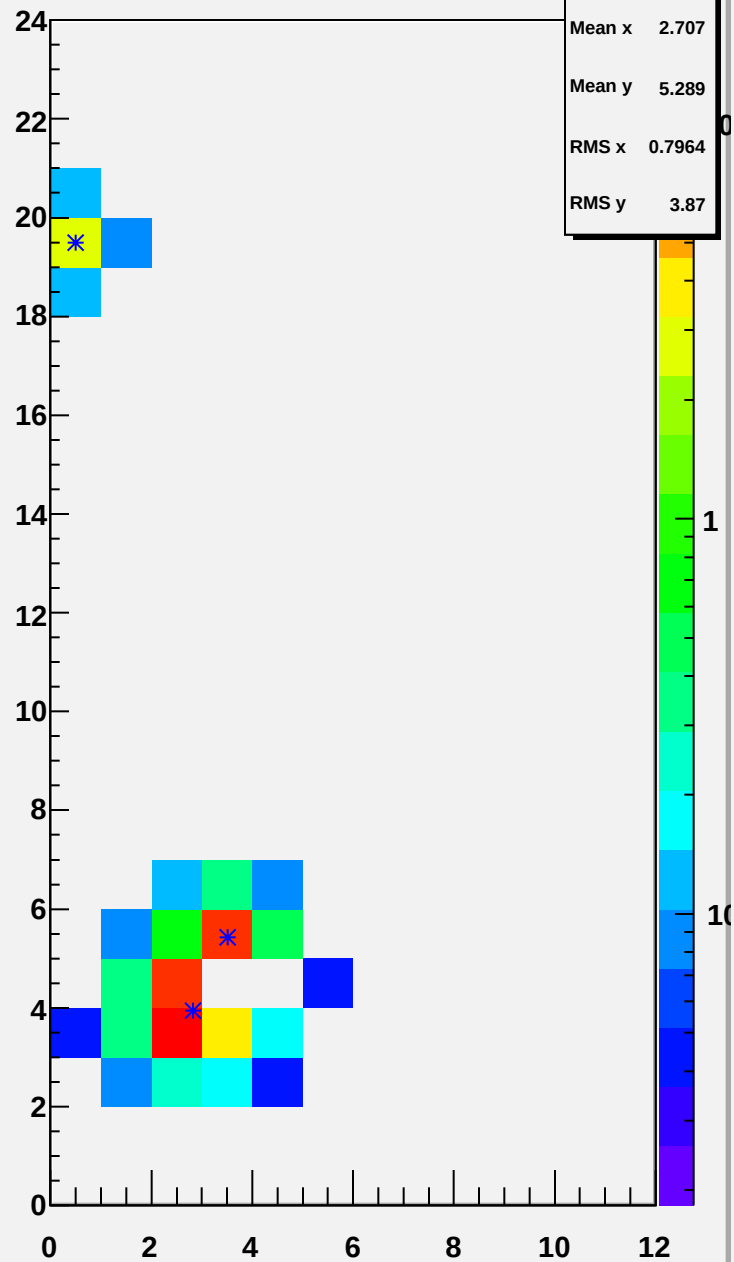
Efit

Entries	288
Mean x	2.47
Mean y	3.148
RMS x	0.3947
RMS y	0.7392

INSTB3_r4_c3_En=48.0_m0=0.198 m1=0.198 index=26

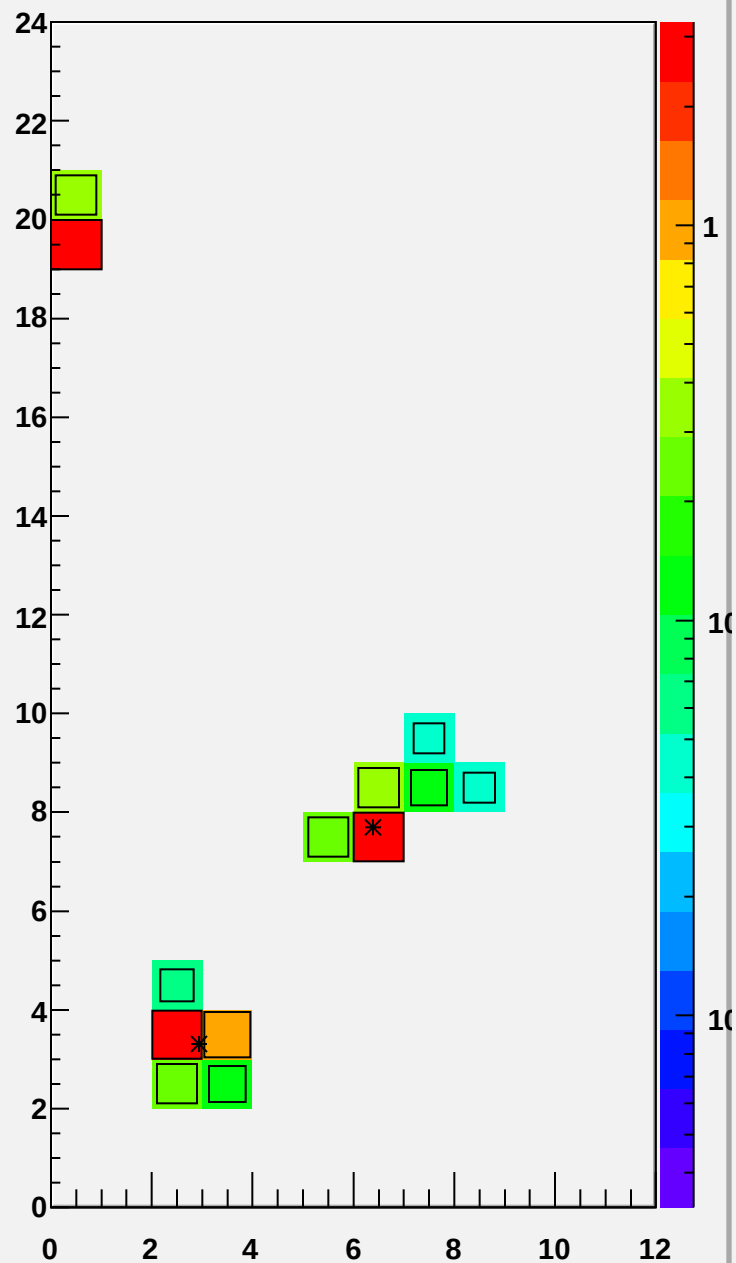


Fitted Energies

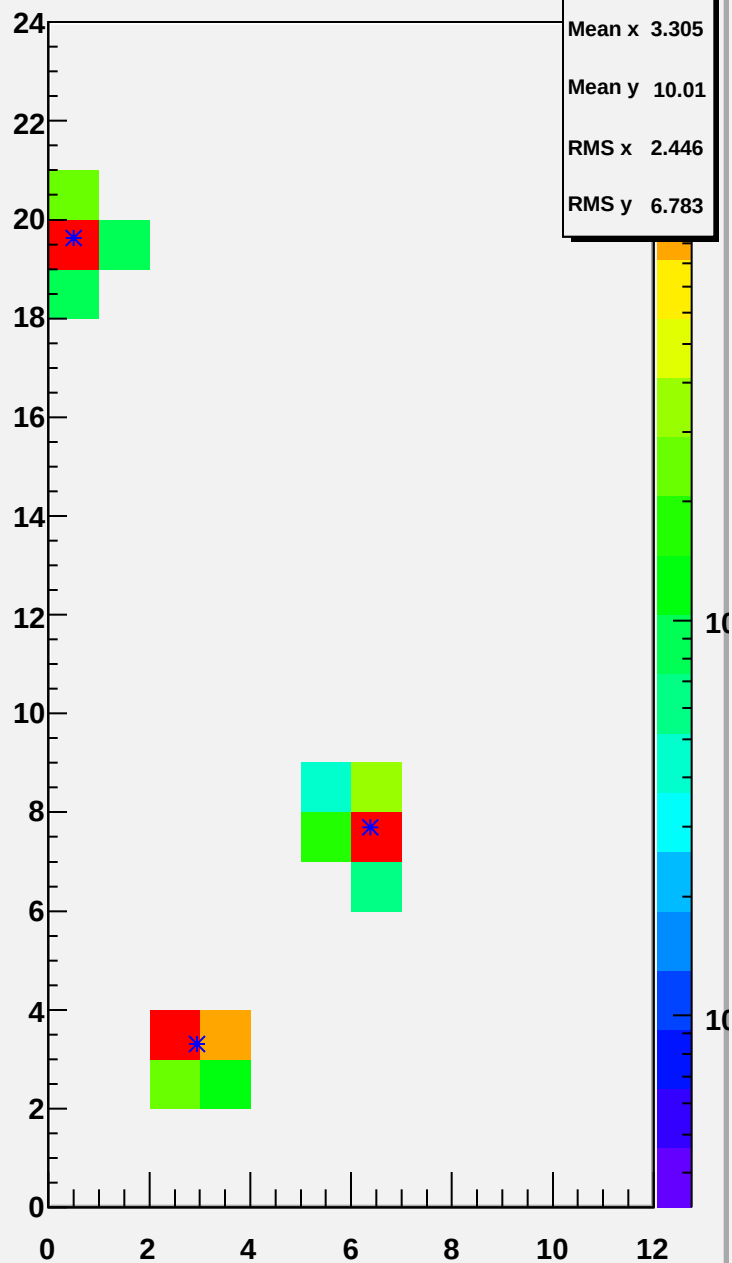


Efit	
Entries	288
Mean x	2.707
Mean y	5.289
RMS x	0.7964
RMS y	3.87

NSTB3_r4_c3_En=11.4_m0=0.125_m1=0.125_index=27



Fitted Energies



Efit

Entries 288

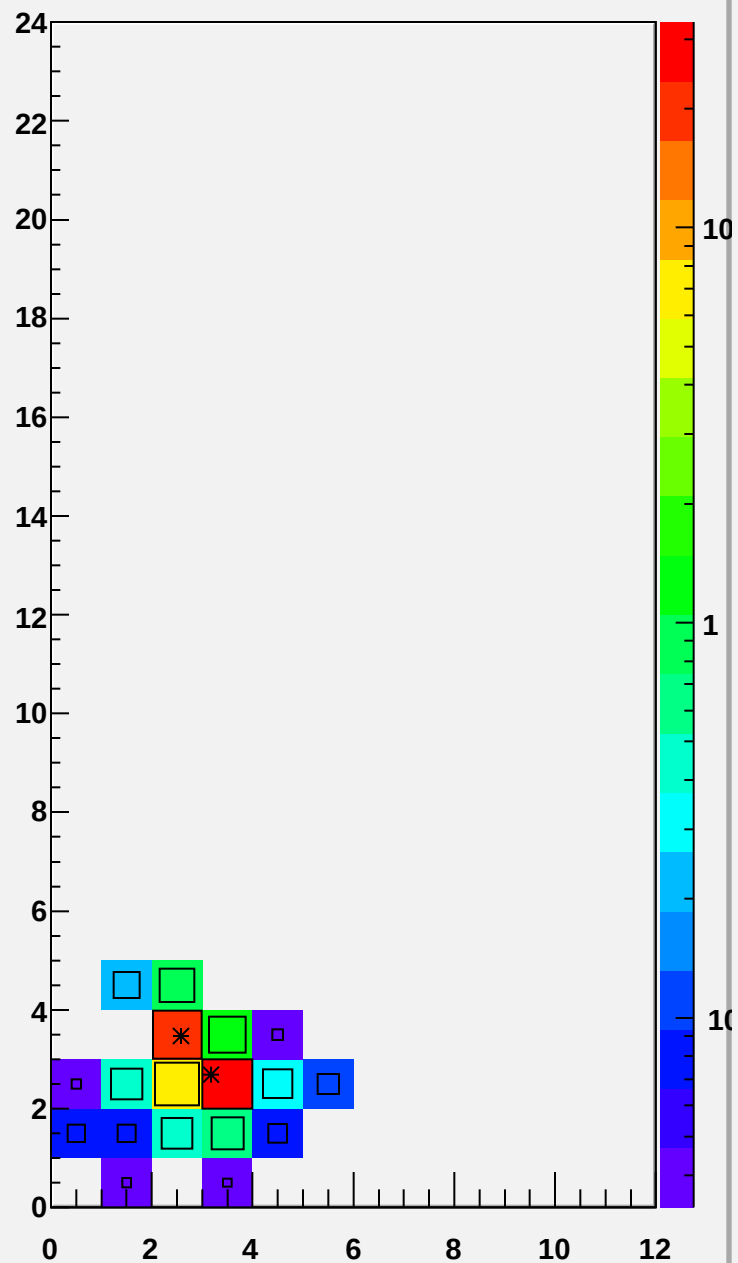
Mean x 3.305

Mean y 10.01

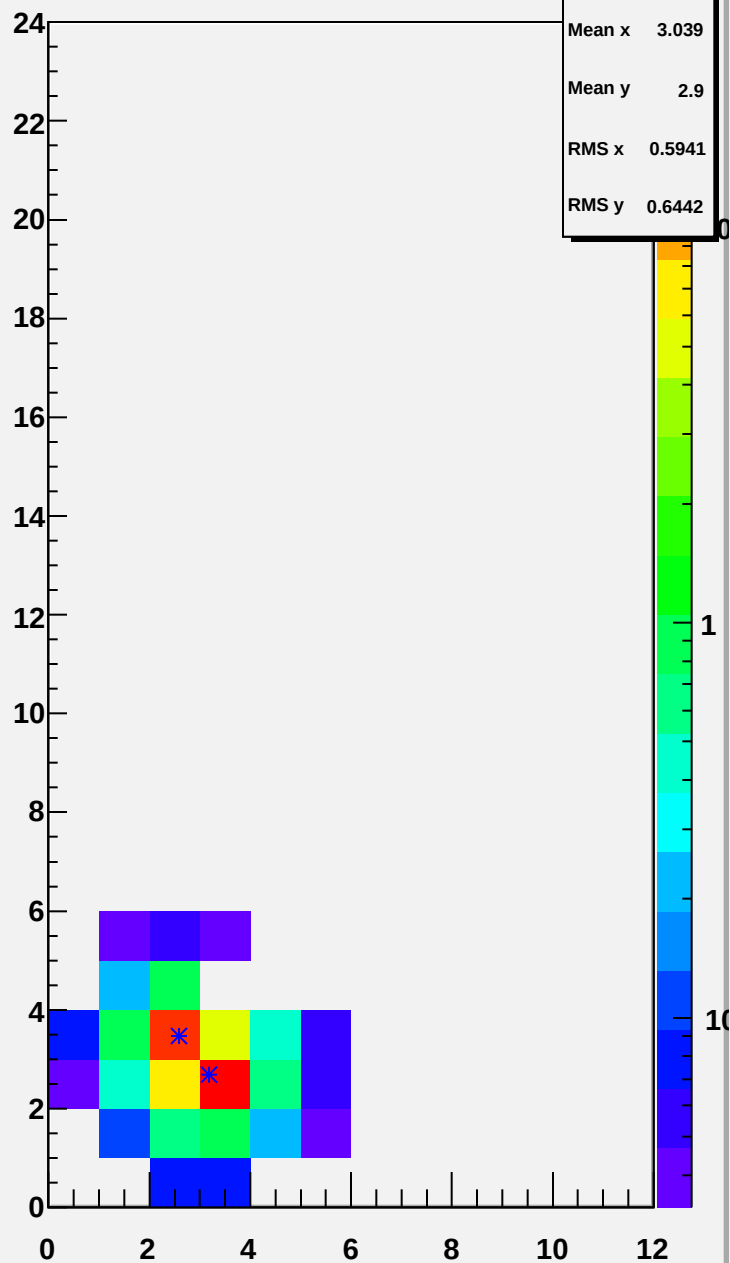
RMS x 2.446

RMS y 6.783

NSTB3_r4_c3_En=65.1_m0=0.187 m1=0.187 index=28



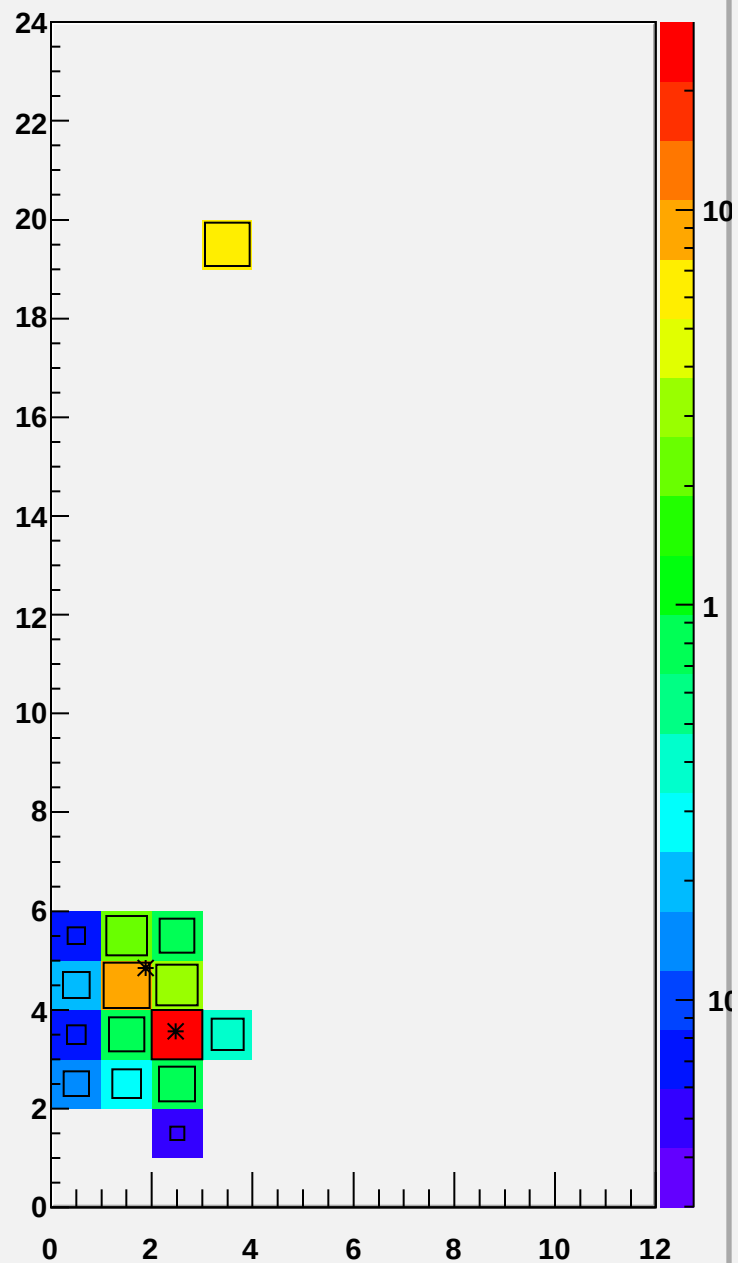
Fitted Energies



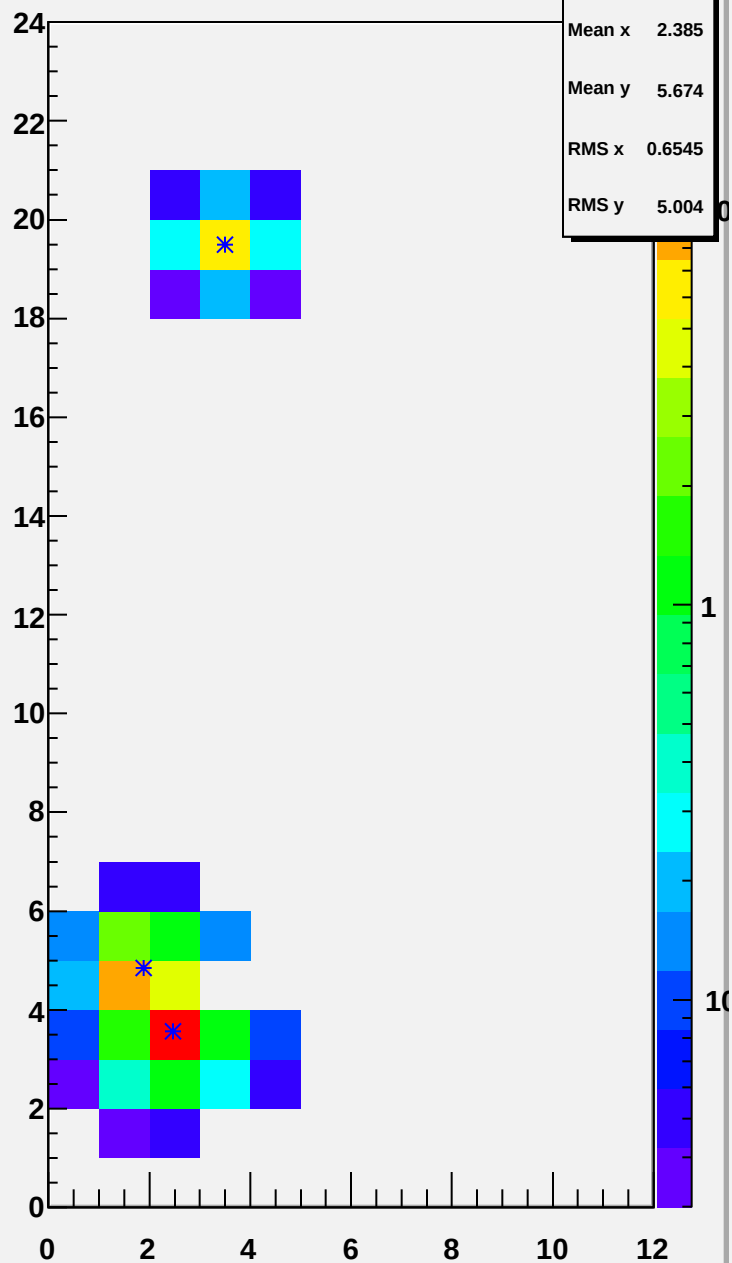
Efit

Entries	288
Mean x	3.039
Mean y	2.9
RMS x	0.5941
RMS y	0.6442

NSTB3_r4_c3_En=55.3_m0=0.191 m1=0.191 index=30



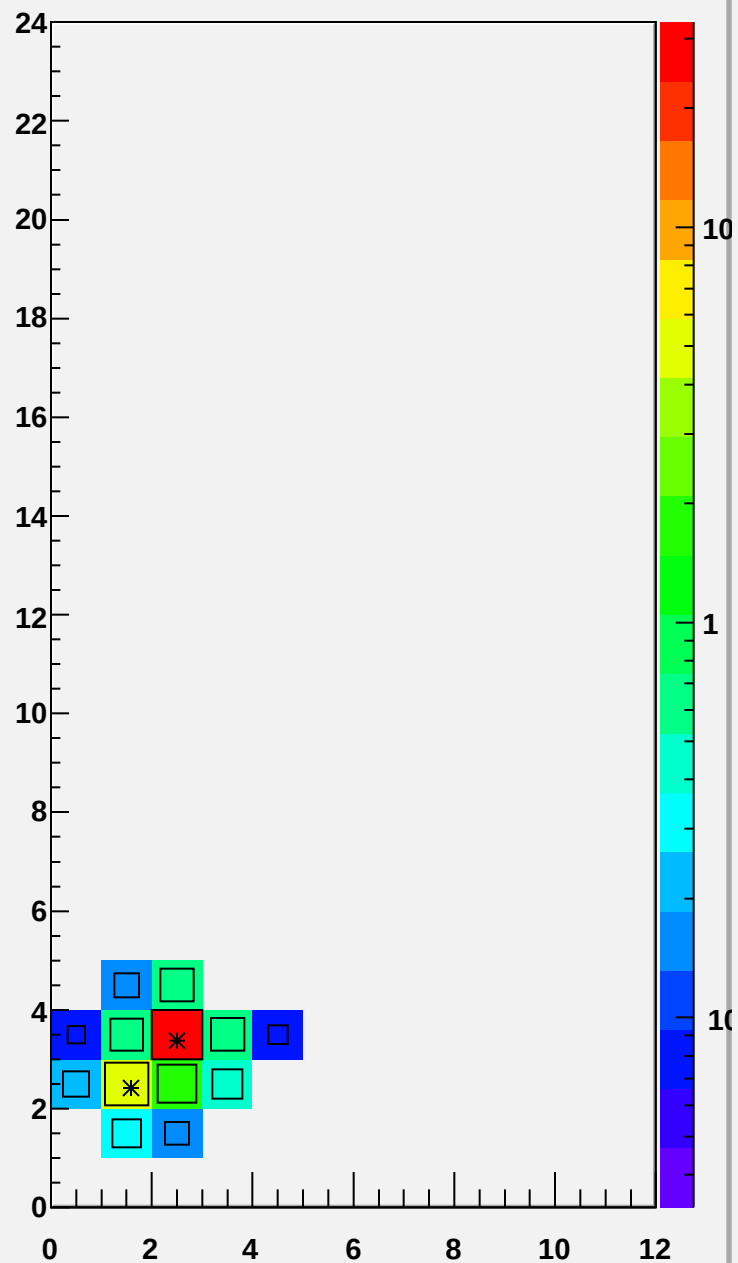
Fitted Energies



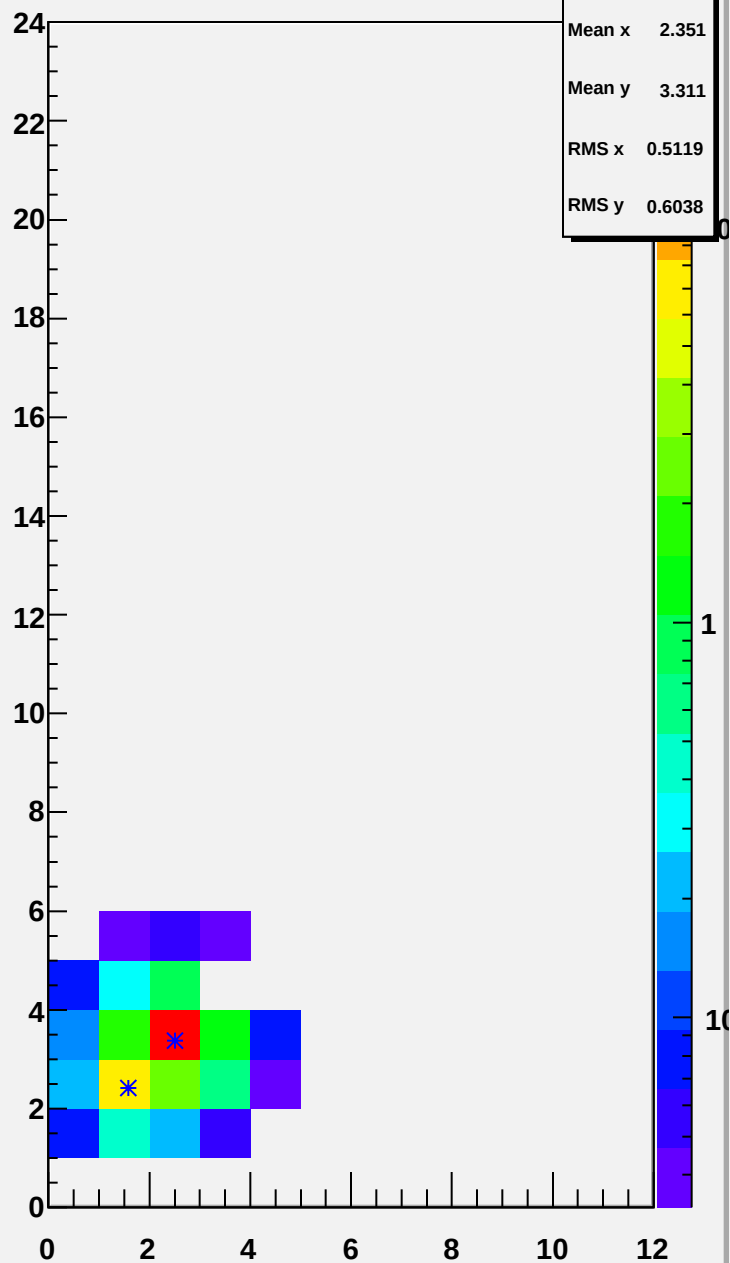
Efit

Entries	288
Mean x	2.385
Mean y	5.674
RMS x	0.6545
RMS y	5.004

NSTB3_r4_c3_En=44.1_m0=0.123_m1=0.123_index=31

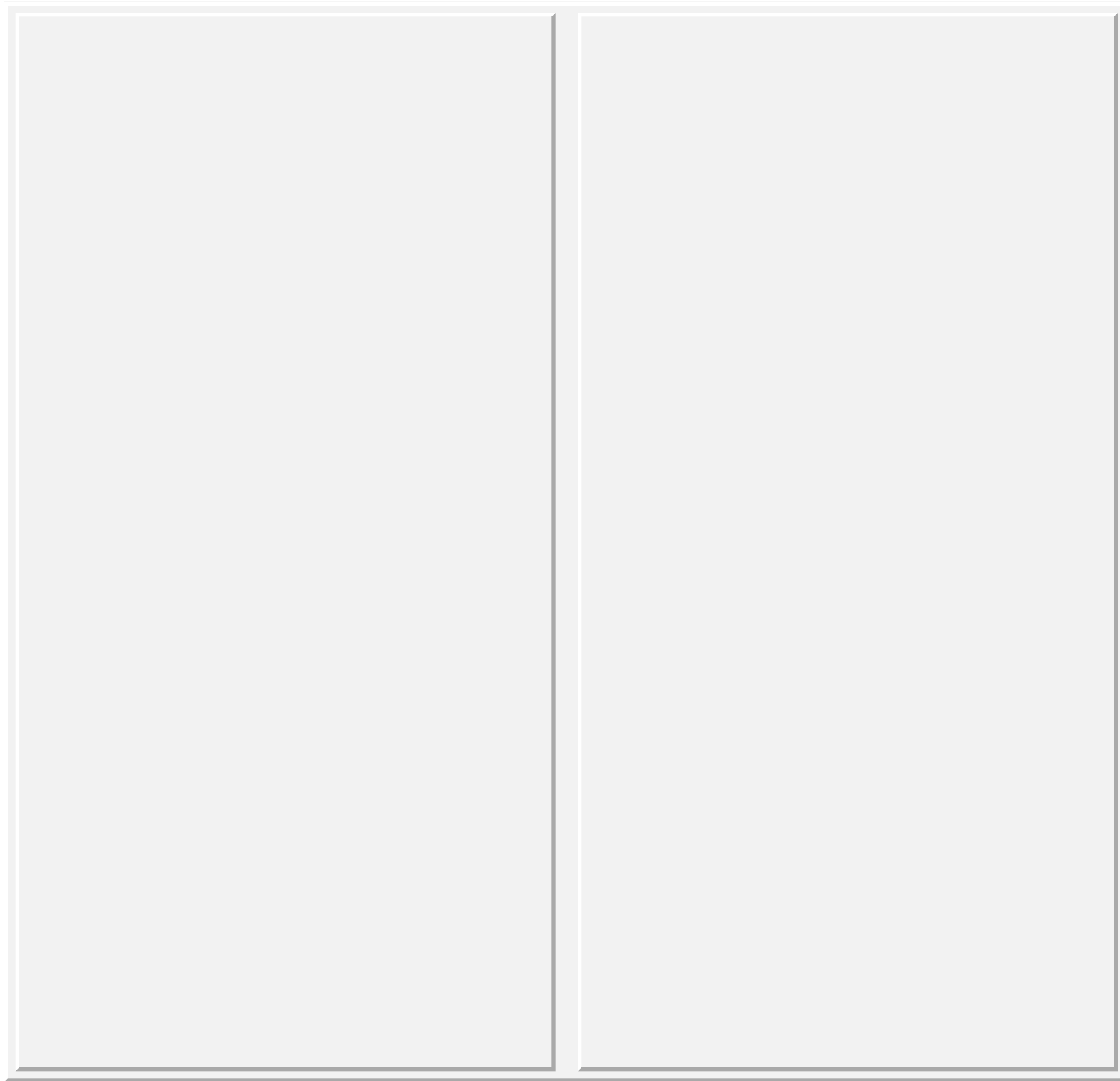


Fitted Energies

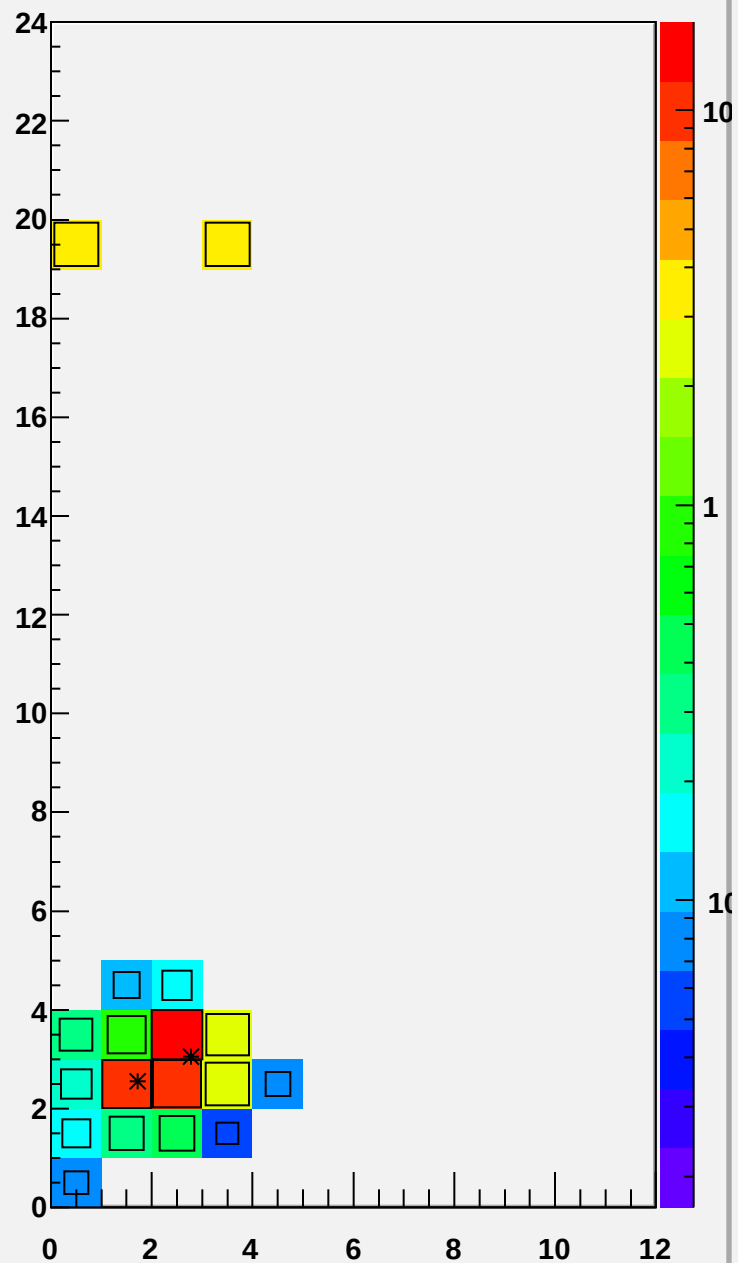


Efit

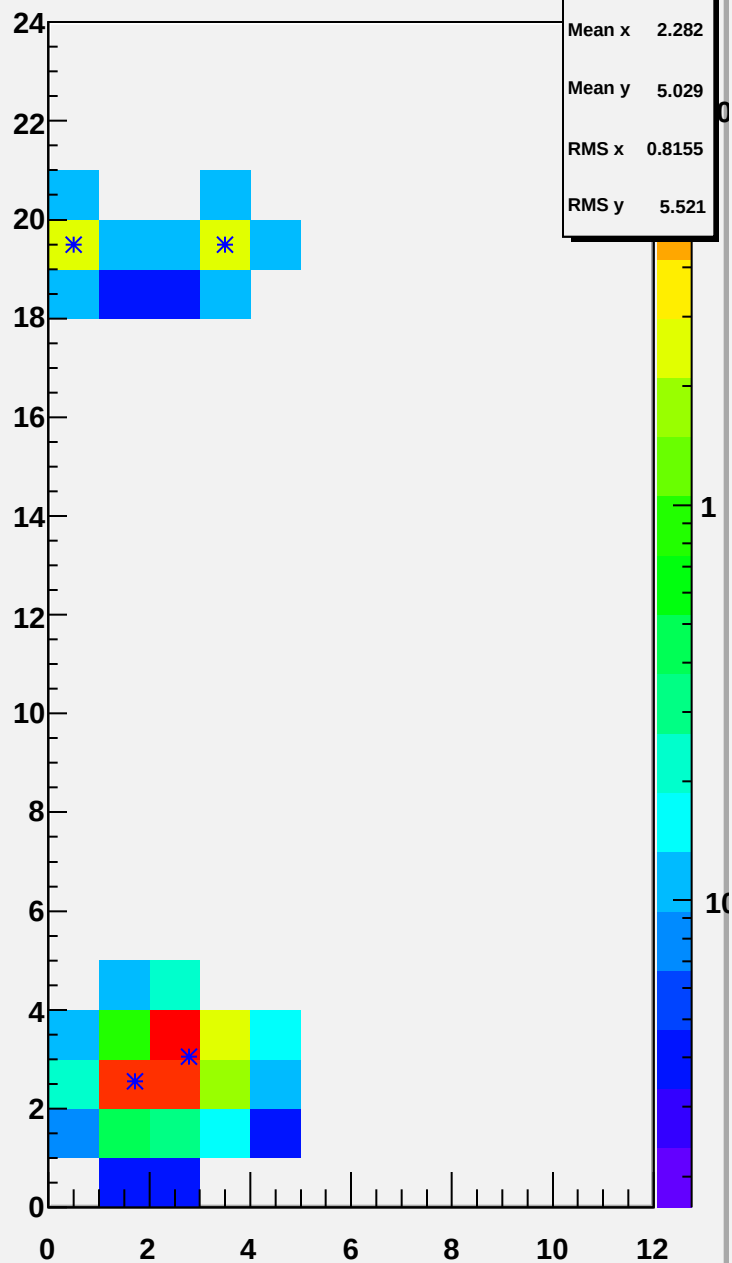
Entries	288
Mean x	2.351
Mean y	3.311
RMS x	0.5119
RMS y	0.6038



NSTB3_r4_c3_En=51.8_m0=0.135_m1=0.135_index=33



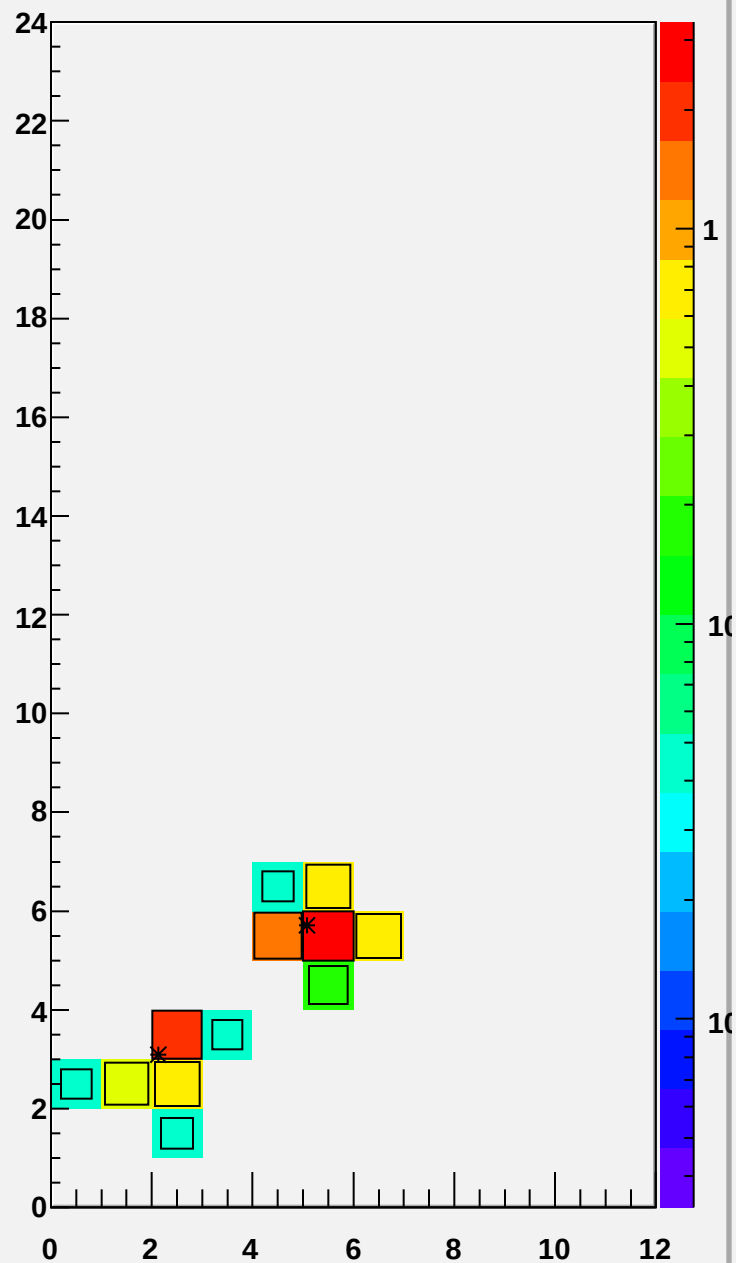
Fitted Energies



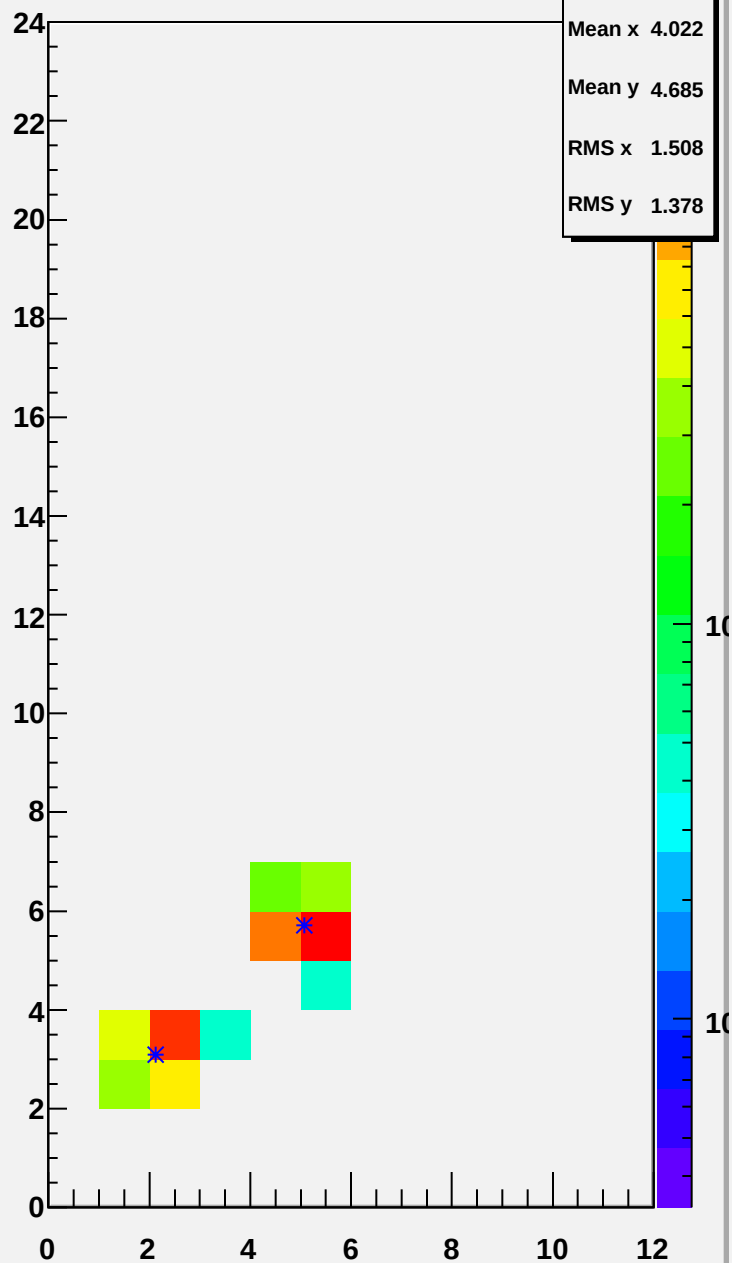
Efit

Entries	288
Mean x	2.282
Mean y	5.029
RMS x	0.8155
RMS y	5.521

NSTB3_r4_c3_En=10.0_m0=0.102 m1=0.102 index=34



Fitted Energies



Efit

Entries 288

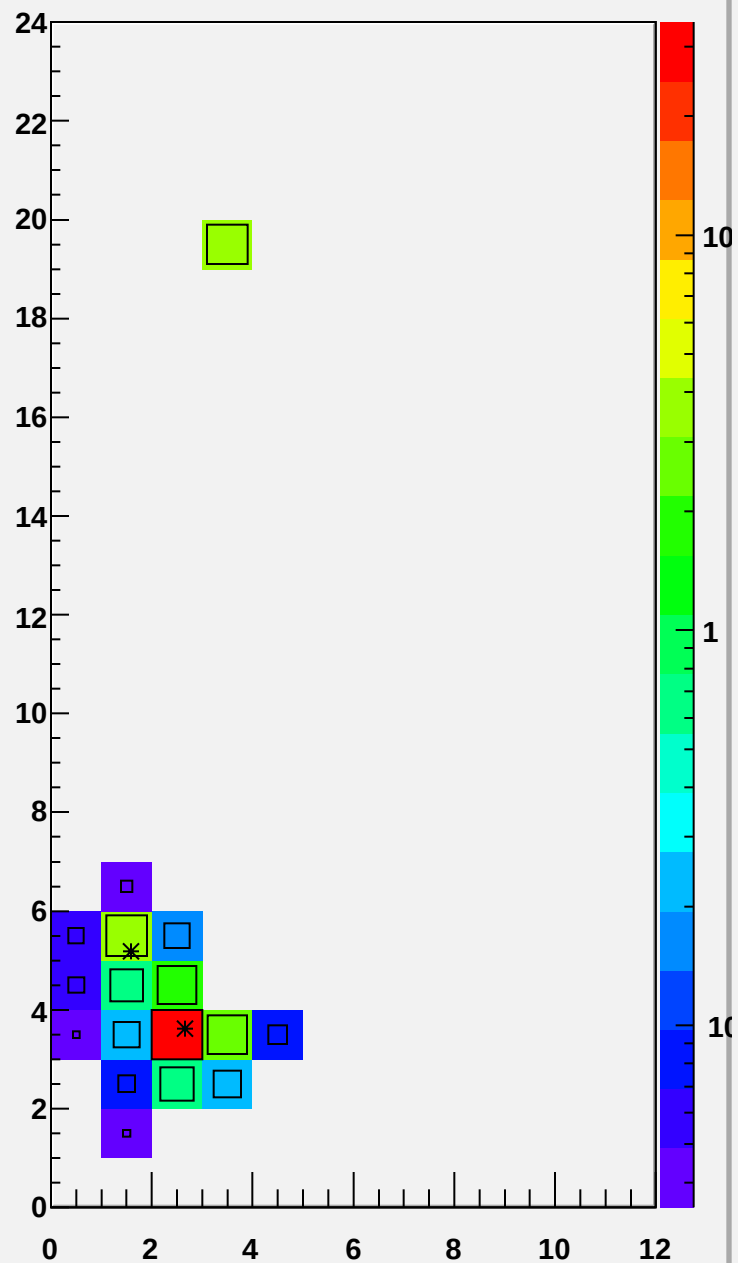
Mean x 4.022

Mean y 4.685

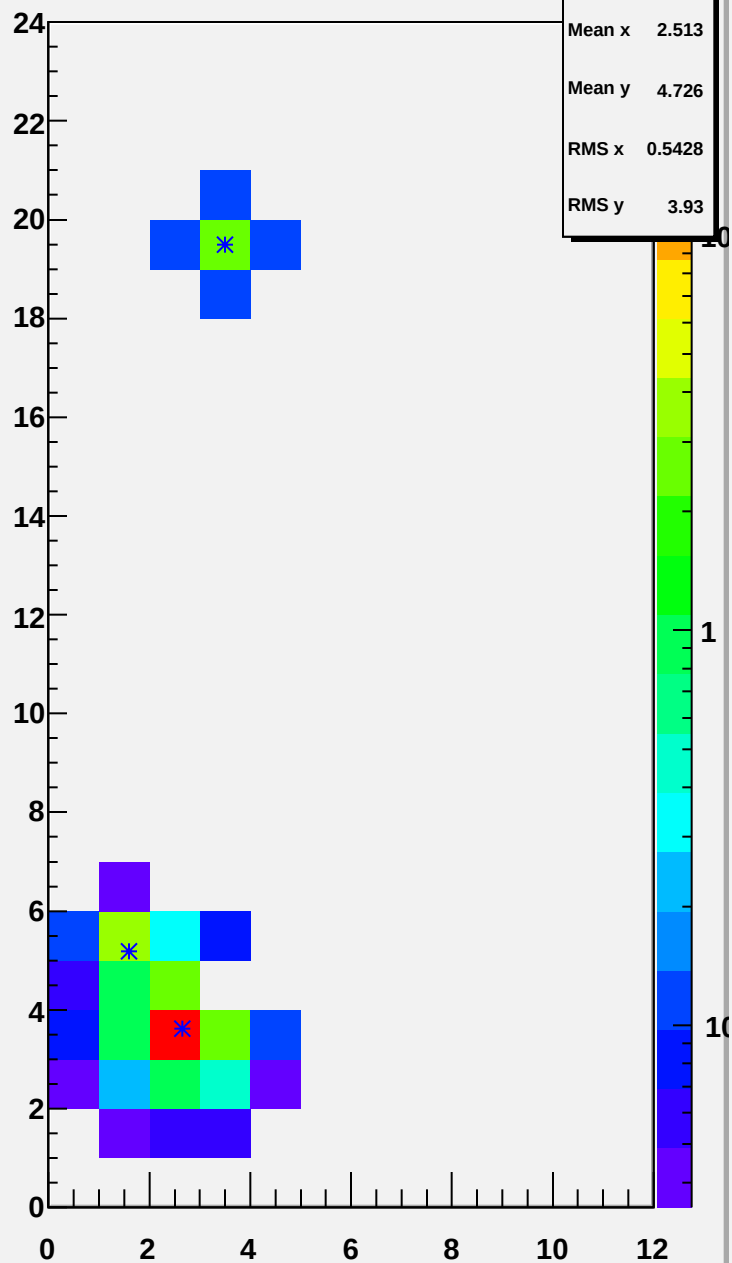
RMS x 1.508

RMS y 1.378

NSTB3_r4_c3_En=47.9_m0=0.149_m1=0.149_index=35



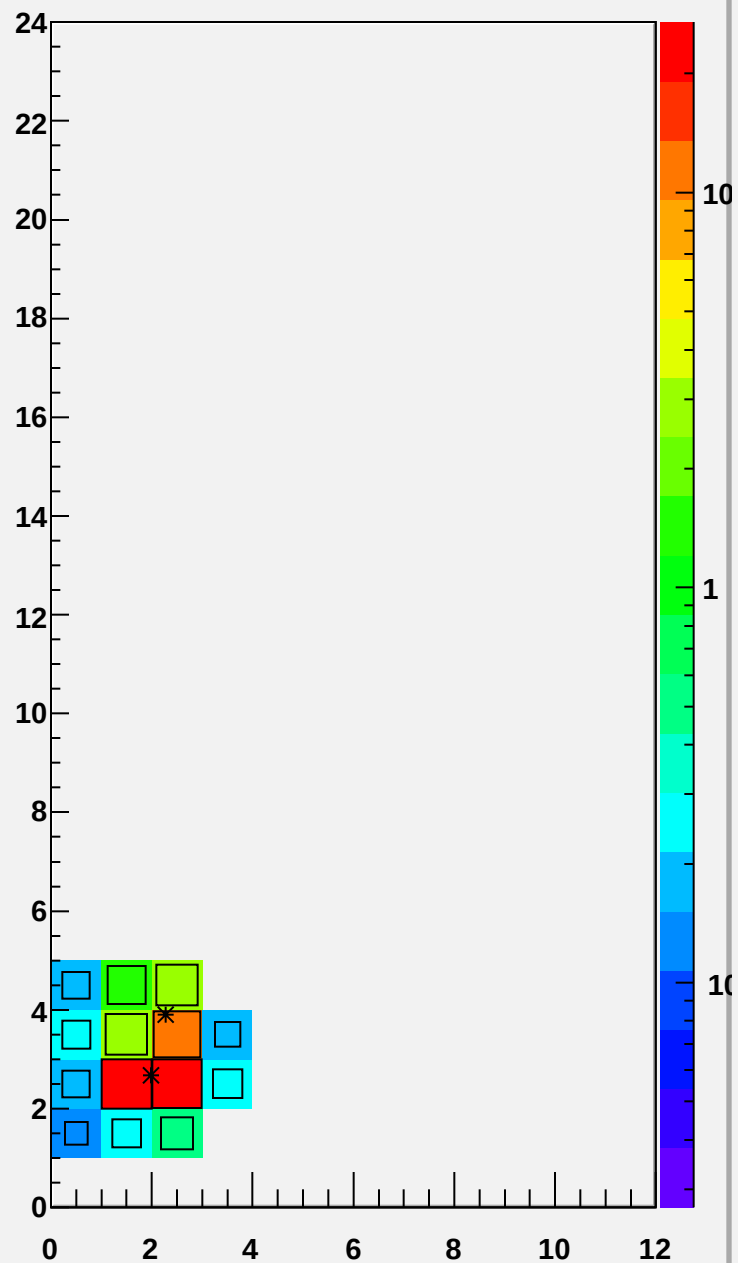
Fitted Energies



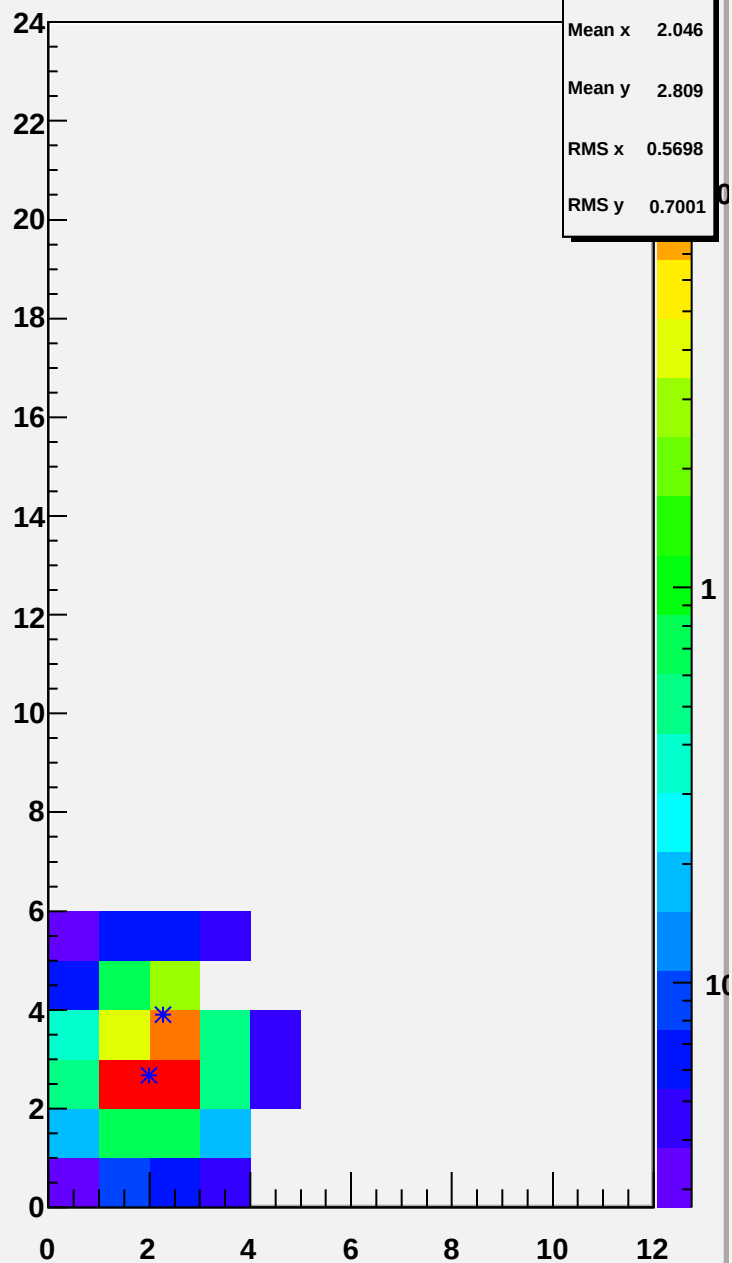
Efit

Entries	288
Mean x	2.513
Mean y	4.726
RMS x	0.5428
RMS y	3.93

NSTB3_r4_c3_En=70.4_m0=0.194_m1=0.195_index=37



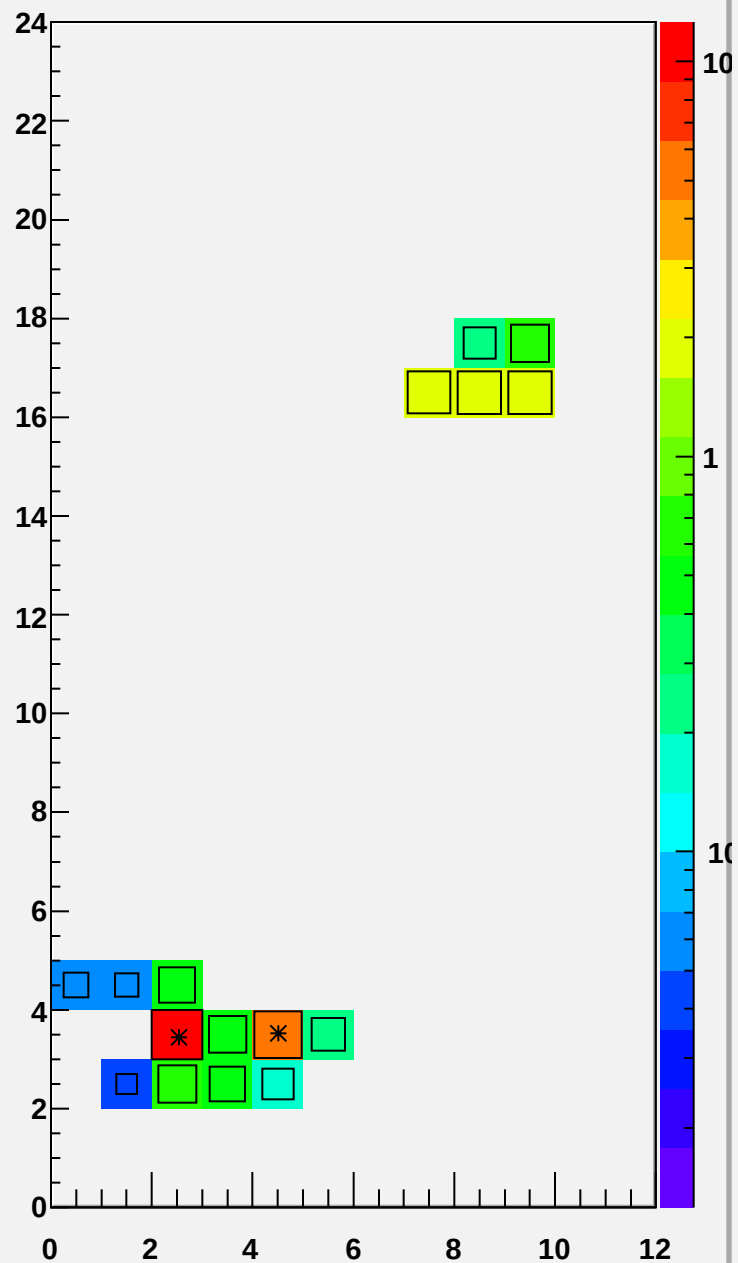
Fitted Energies



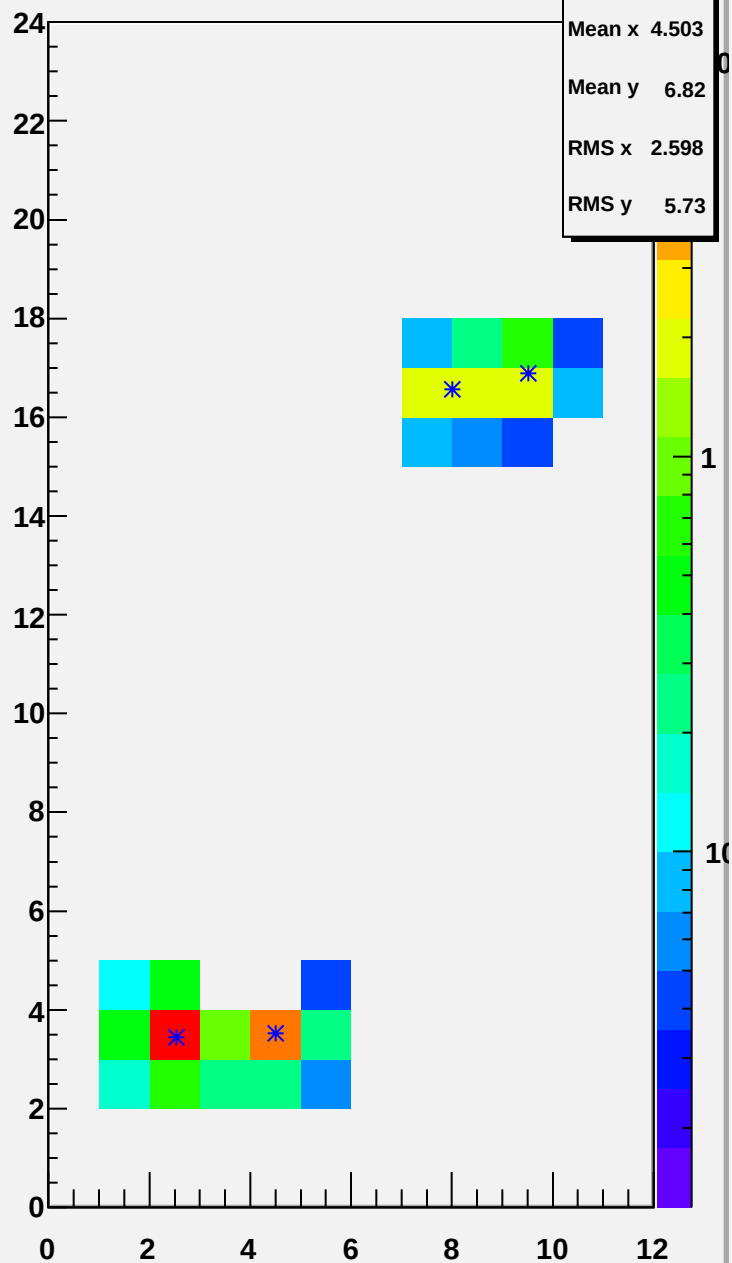
Efit

Entries	288
Mean x	2.046
Mean y	2.809
RMS x	0.5698
RMS y	0.7001

NSTB3_r4_c3_En=27.6_m0=0.107 m1=0.107 index=38



Fitted Energies



Efit

Entries 288

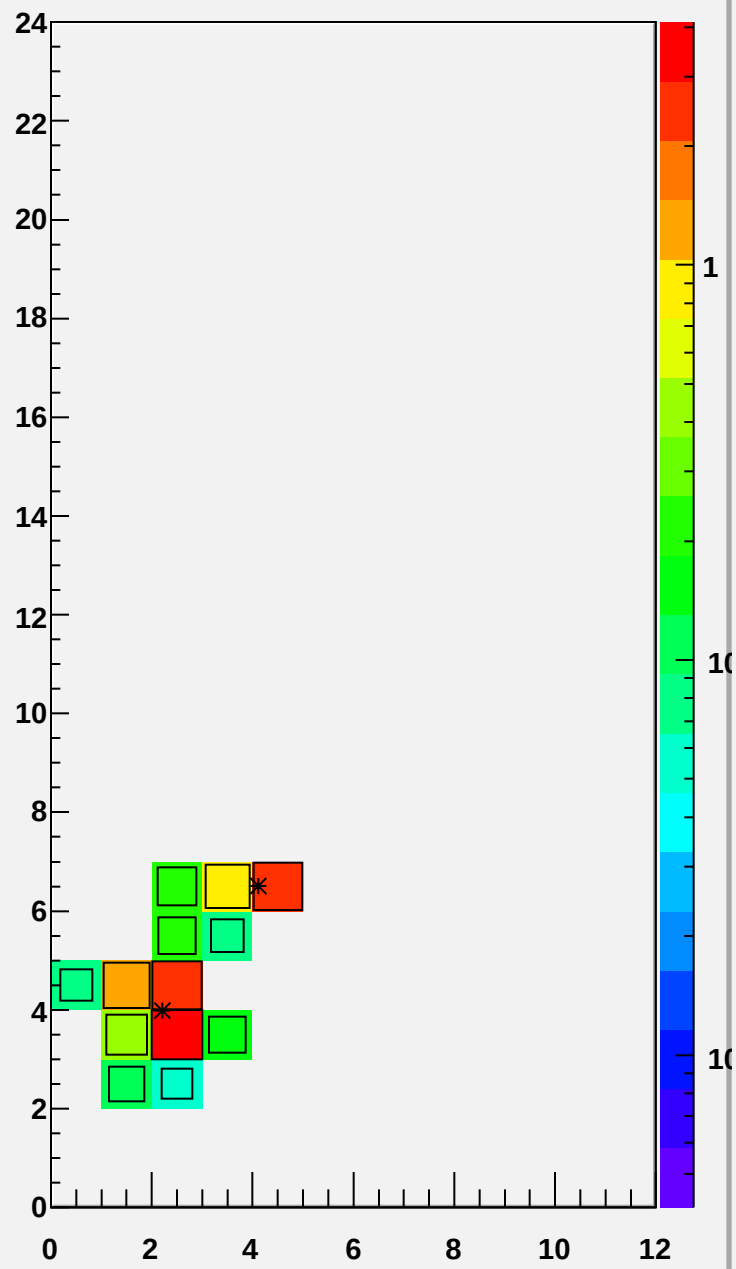
Mean x 4.503

Mean y 6.82

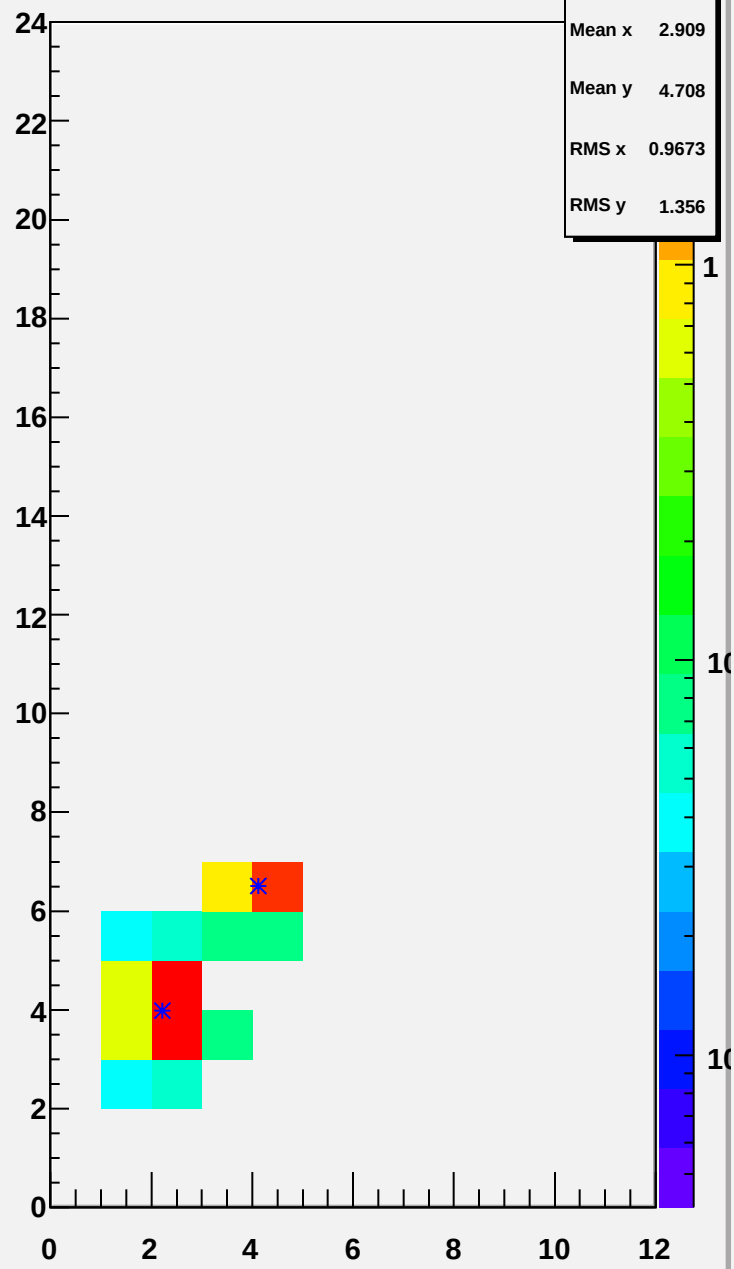
RMS x 2.598

RMS y 5.73

NSTB3_r4_c3_En=13.1_m0=0.104_m1=0.104_index=40



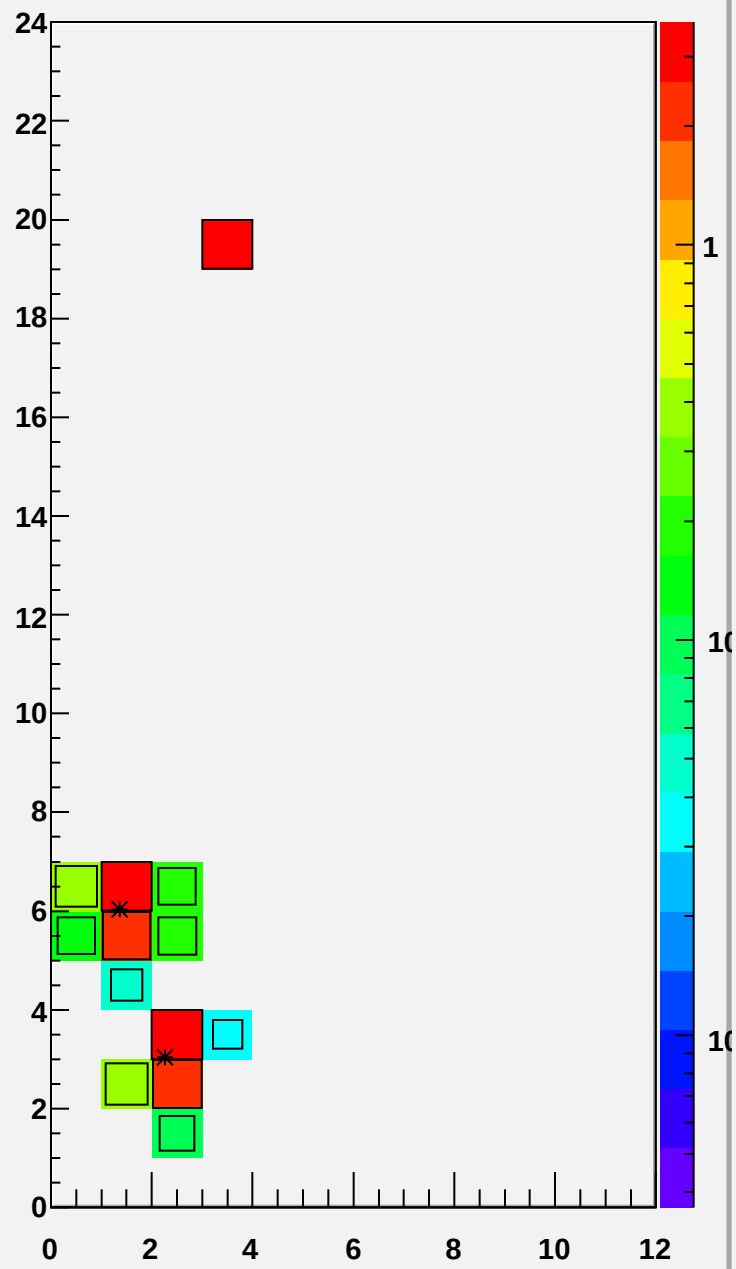
Fitted Energies



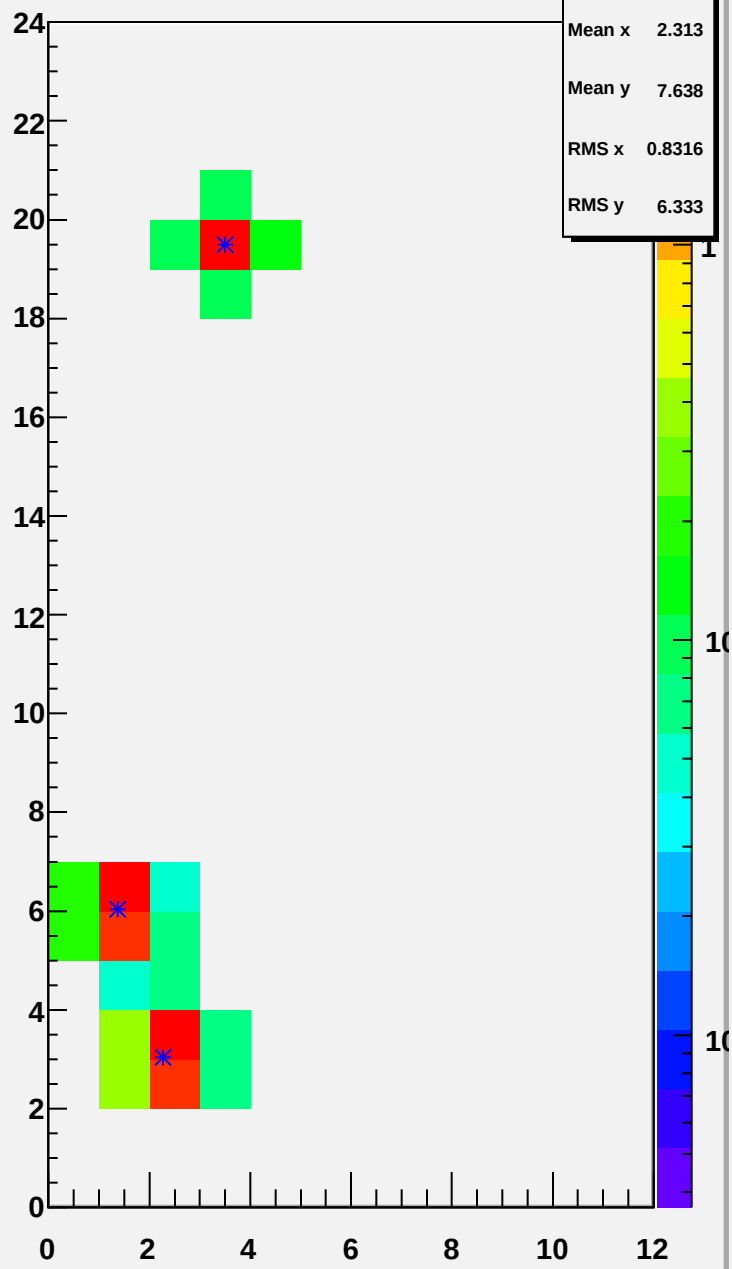
Efit

Entries	288
Mean x	2.909
Mean y	4.708
RMS x	0.9673
RMS y	1.356

NSTB3_r4_c3_En=15.4_m0=0.111 m1=0.111 index=41



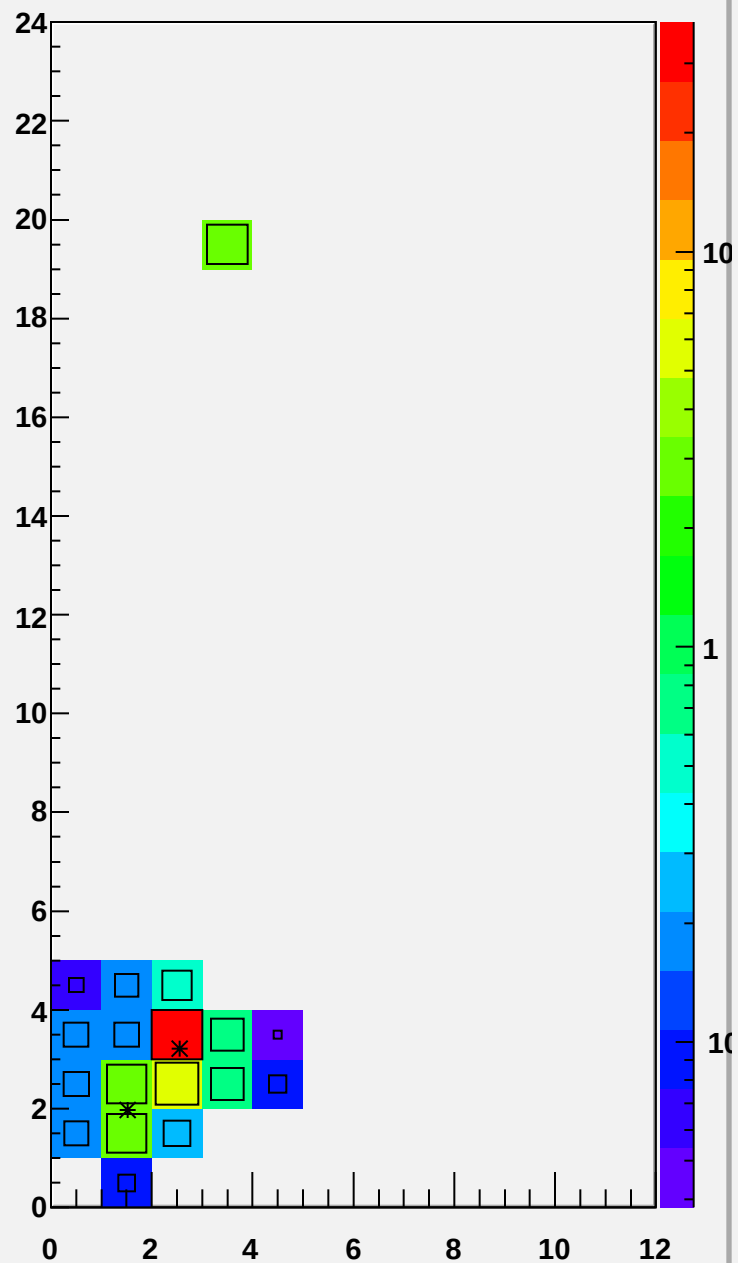
Fitted Energies



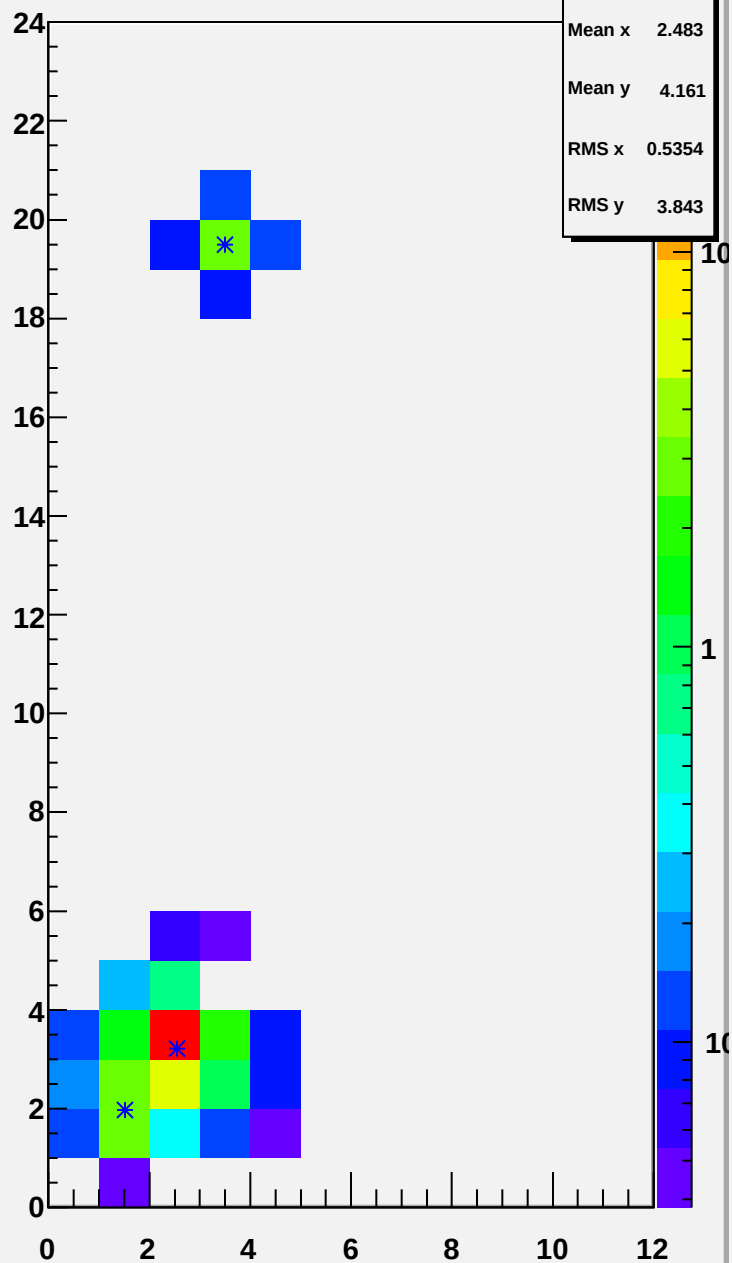
Efit

Entries	288
Mean x	2.313
Mean y	7.638
RMS x	0.8316
RMS y	6.333

NSTB3_r4_c3_En=55.6_m0=0.139 m1=0.139 index=43



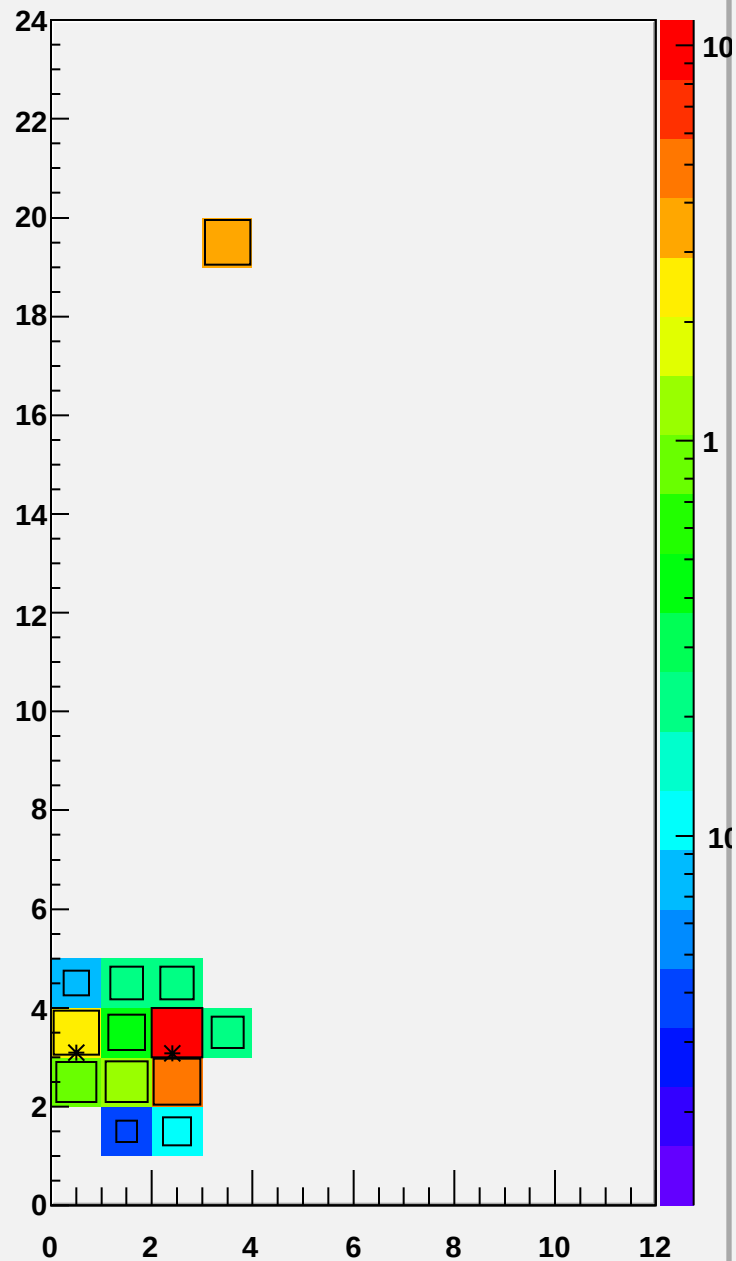
Fitted Energies



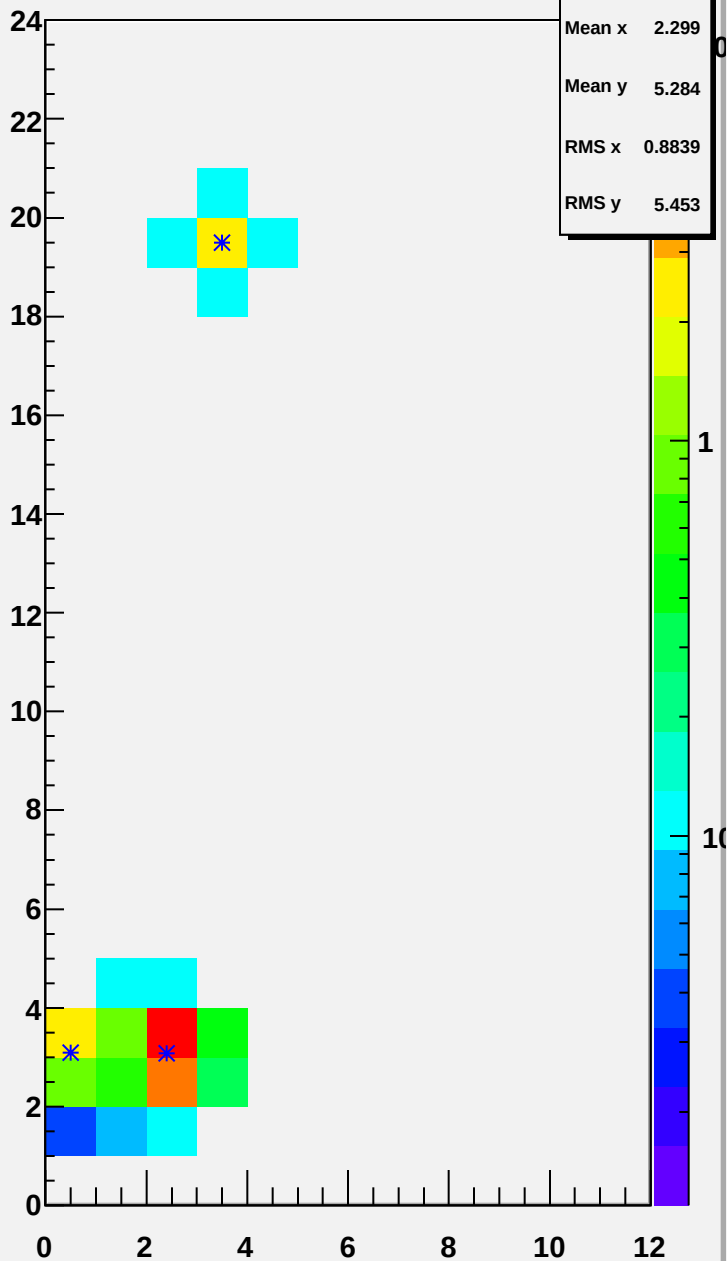
Efit

Entries	288
Mean x	2.483
Mean y	4.161
RMS x	0.5354
RMS y	3.843

NSTB3_r4_c3_En=25.7_m0=0.094 m1=0.094 index=44



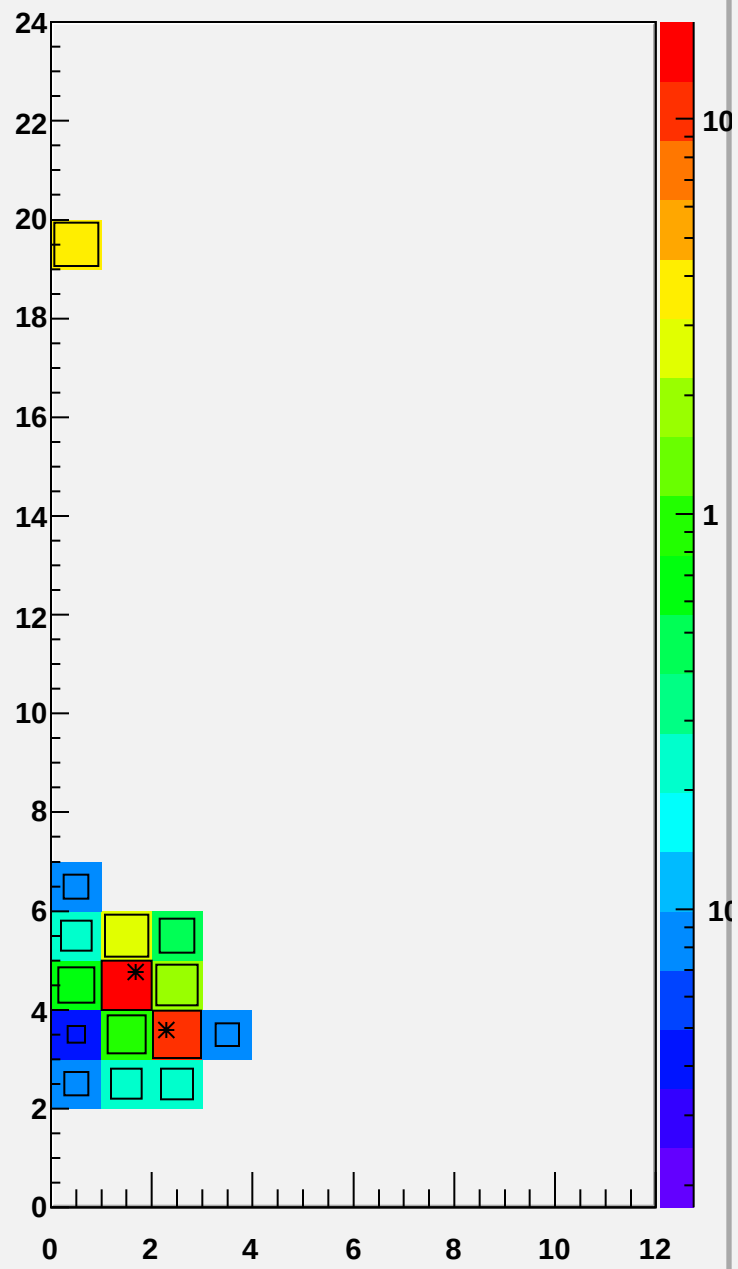
Fitted Energies



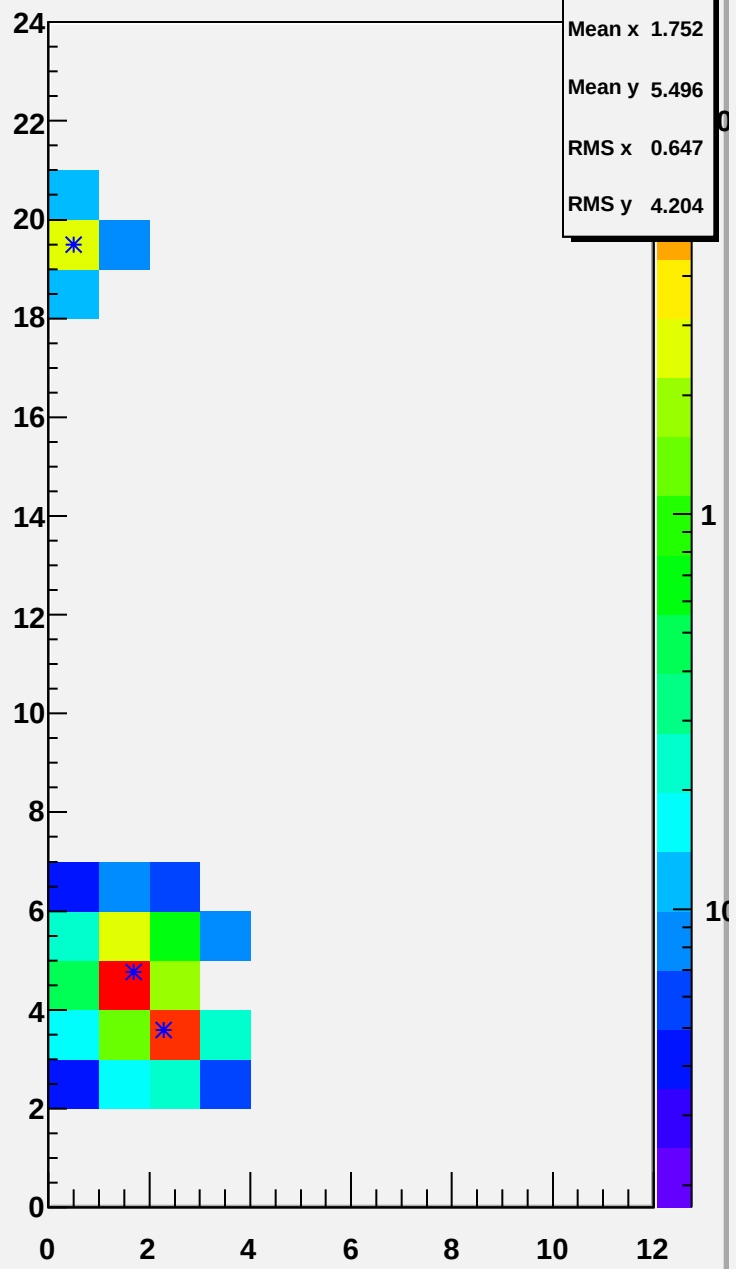
Efit

Entries	288
Mean x	2.299
Mean y	5.284
RMS x	0.8839
RMS y	5.453

NSTB3_r4_c3_En=38.1_m0=0.126_m1=0.126_index=45



Fitted Energies



Efit

Entries 288

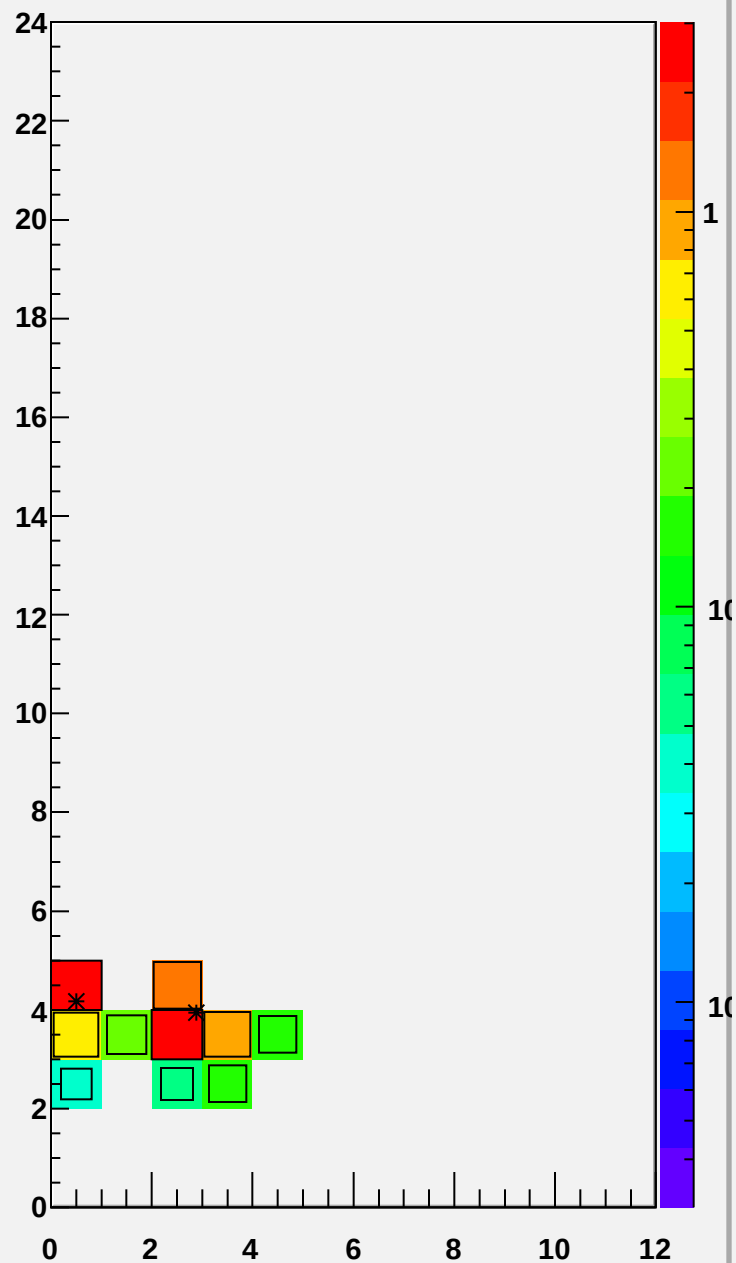
Mean x 1.752

Mean y 5.496

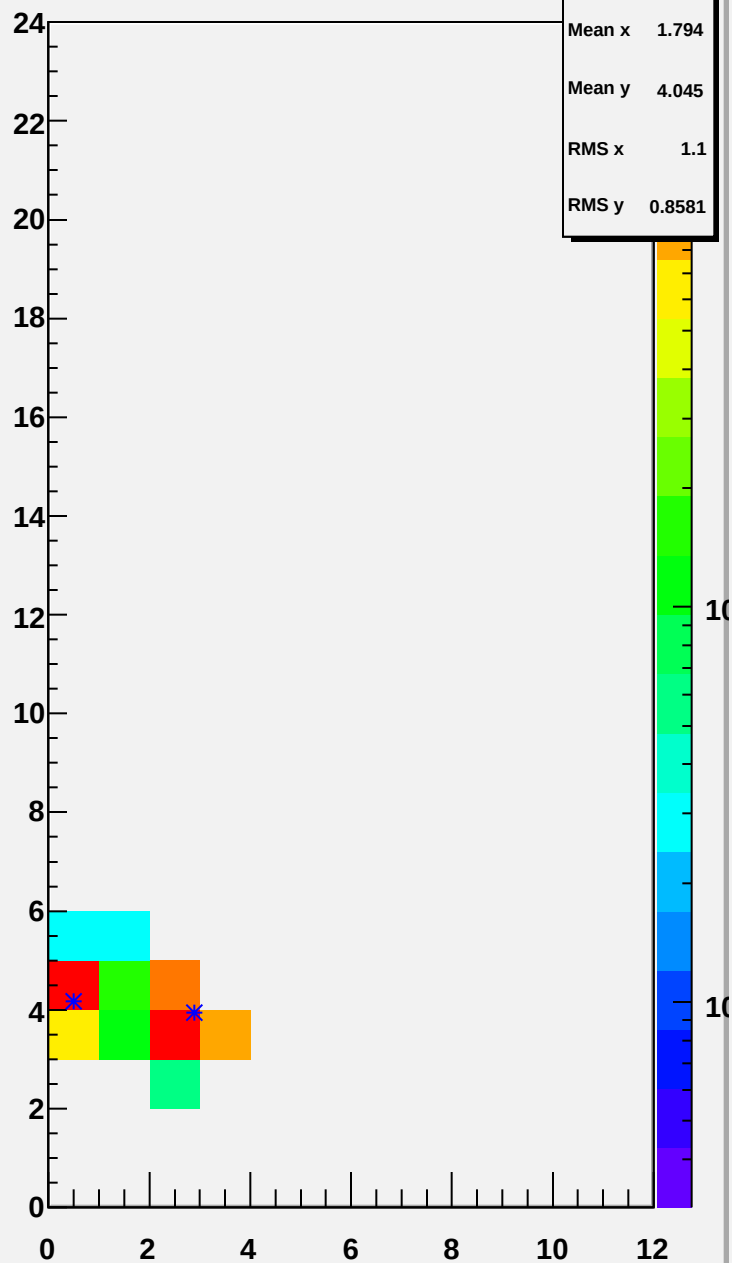
RMS x 0.647

RMS y 4.204

NSTB3_r4_c3_En= 9.5_m0=0.067 m1=0.067 index=46



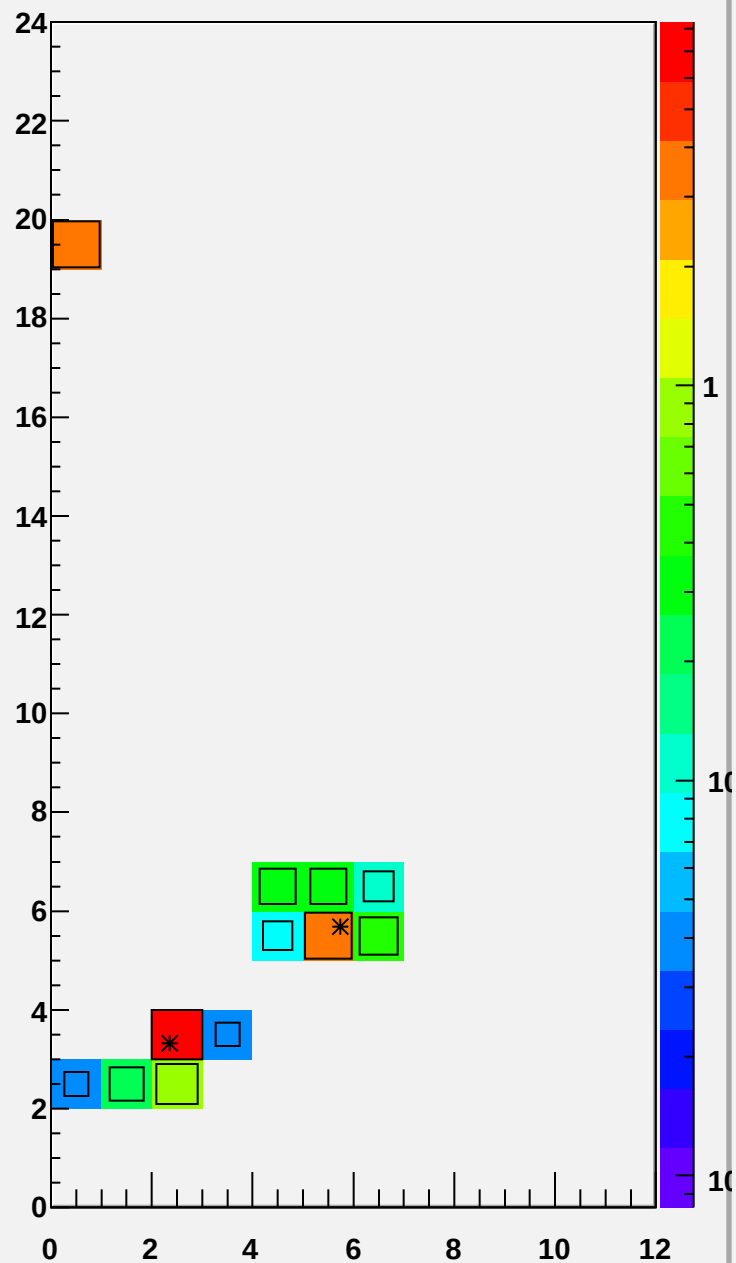
Fitted Energies



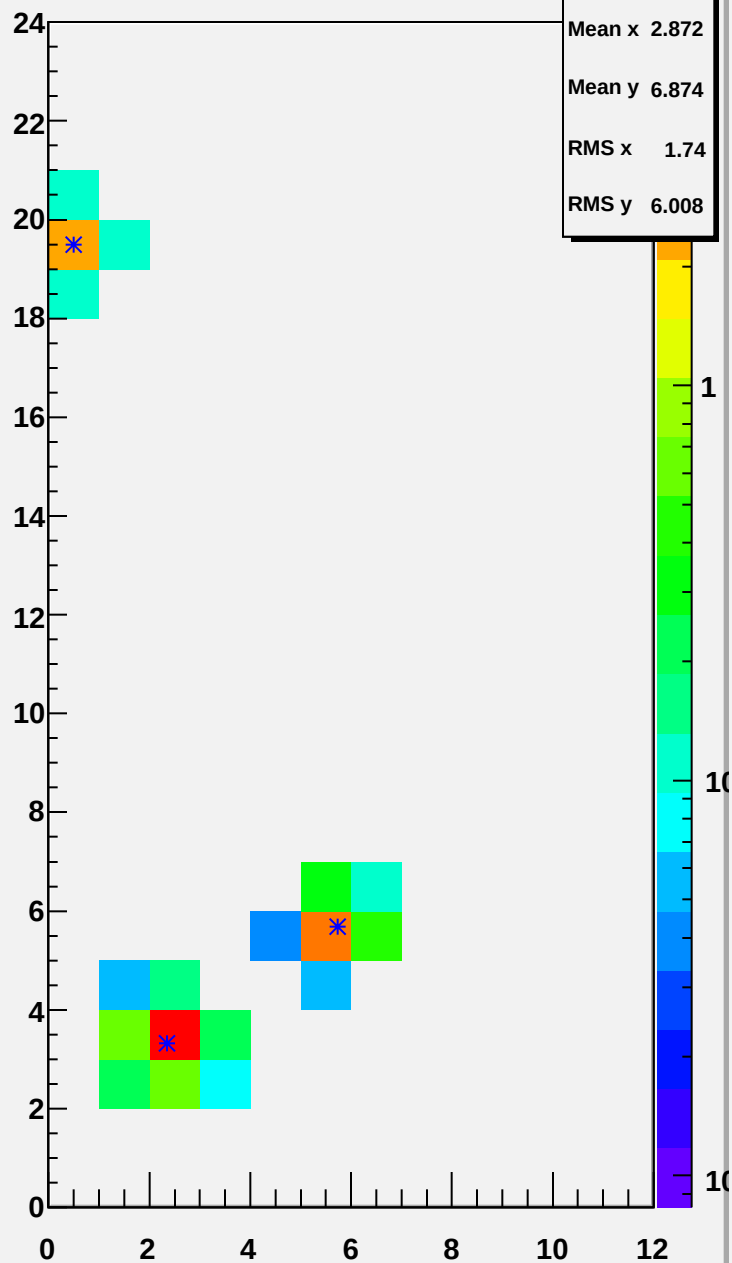
Efit

Entries	288
Mean x	1.794
Mean y	4.045
RMS x	1.1
RMS y	0.8581

NSTB3_r4_c3_En=17.3_m0=0.156 m1=0.156 index=47



Fitted Energies



Efit

Entries 288

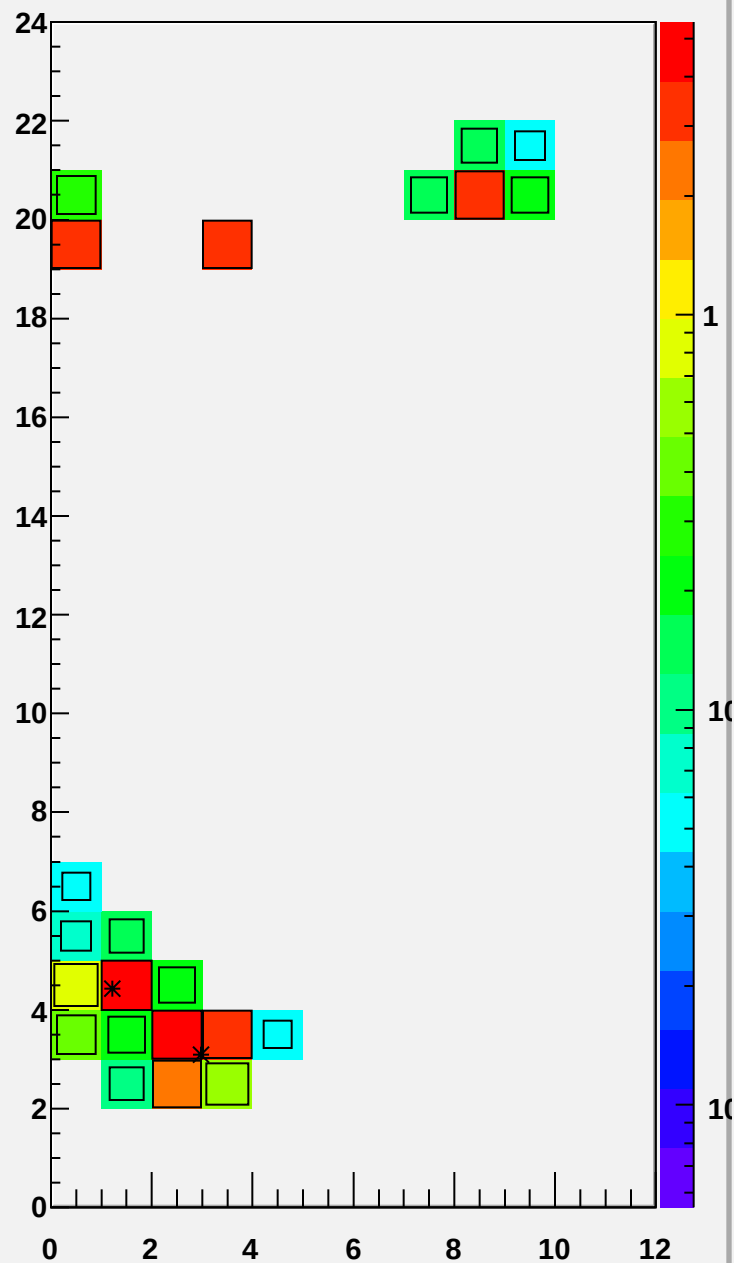
Mean x 2.872

Mean y 6.874

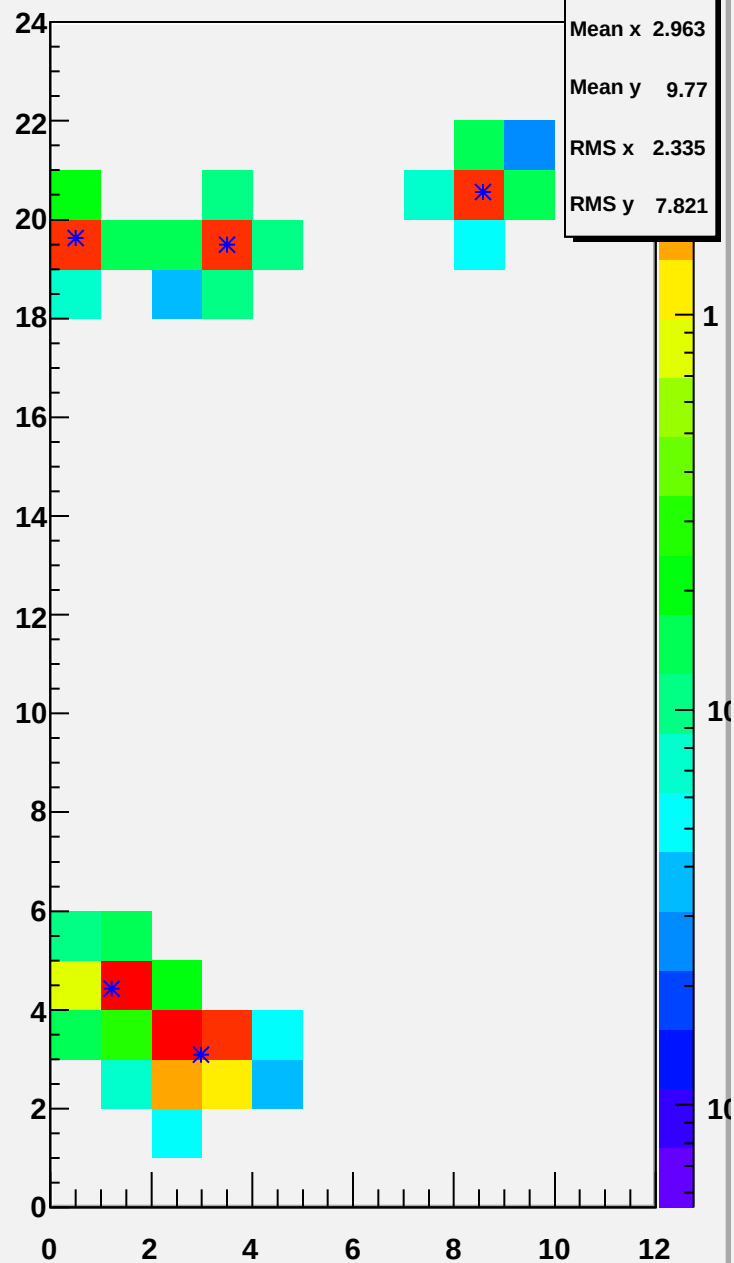
RMS x 1.74

RMS y 6.008

NSTB3_r4_c3_En=28.3_m0=0.106_m1=0.106_index=48



Fitted Energies



Efit

Entries 288

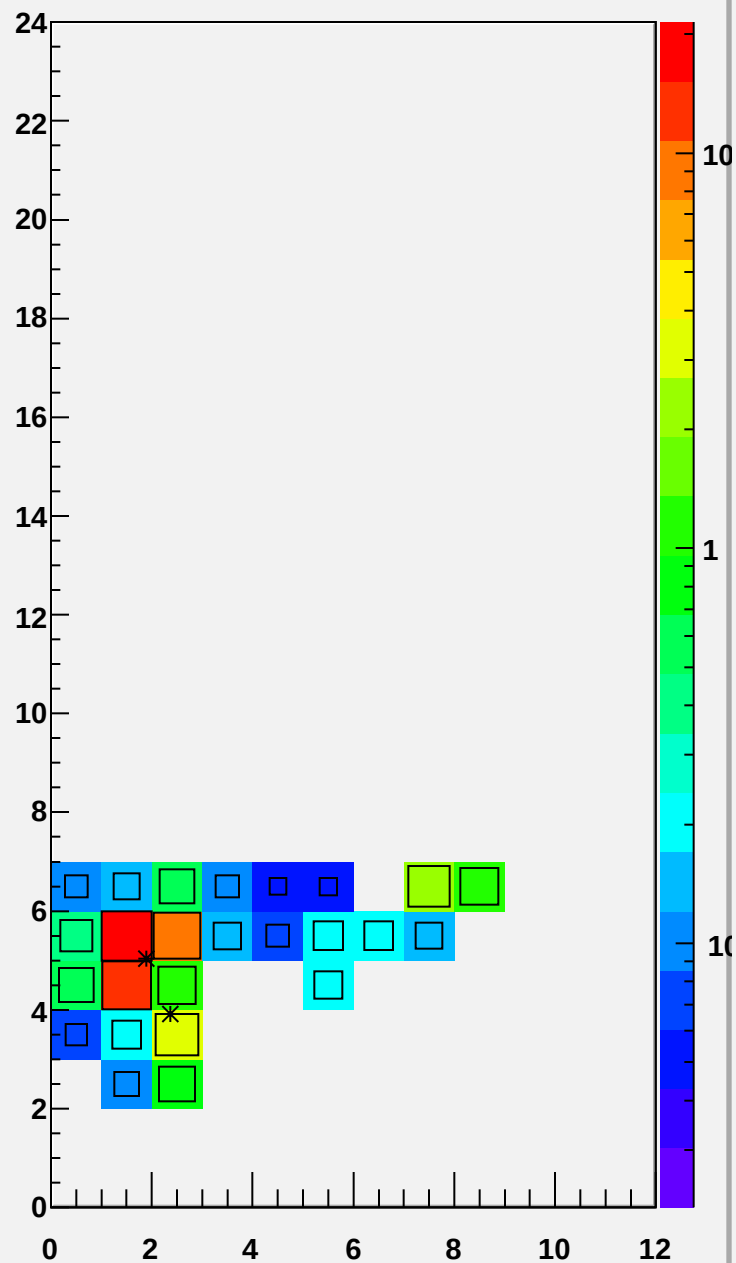
Mean x 2.963

Mean y 9.77

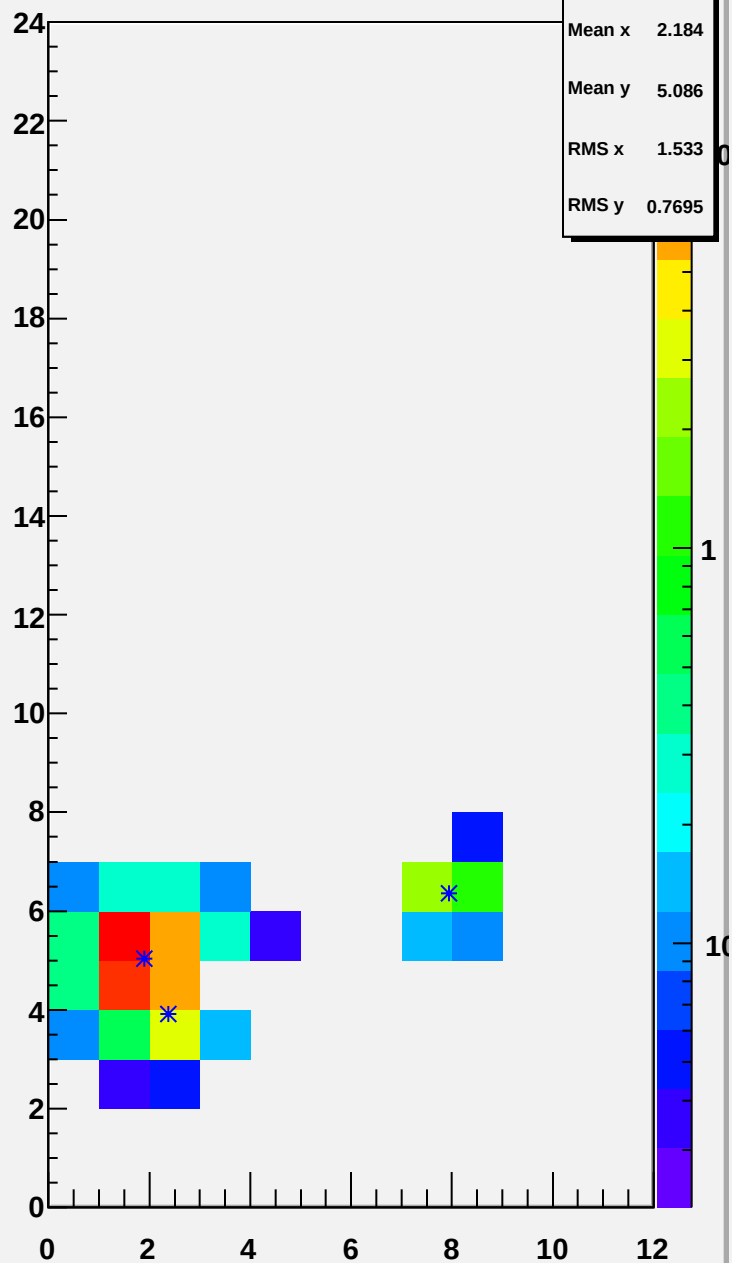
RMS x 2.335

RMS y 7.821

NSTB3_r4_c3_En=53.7_m0=0.100 m1=0.100 index=49



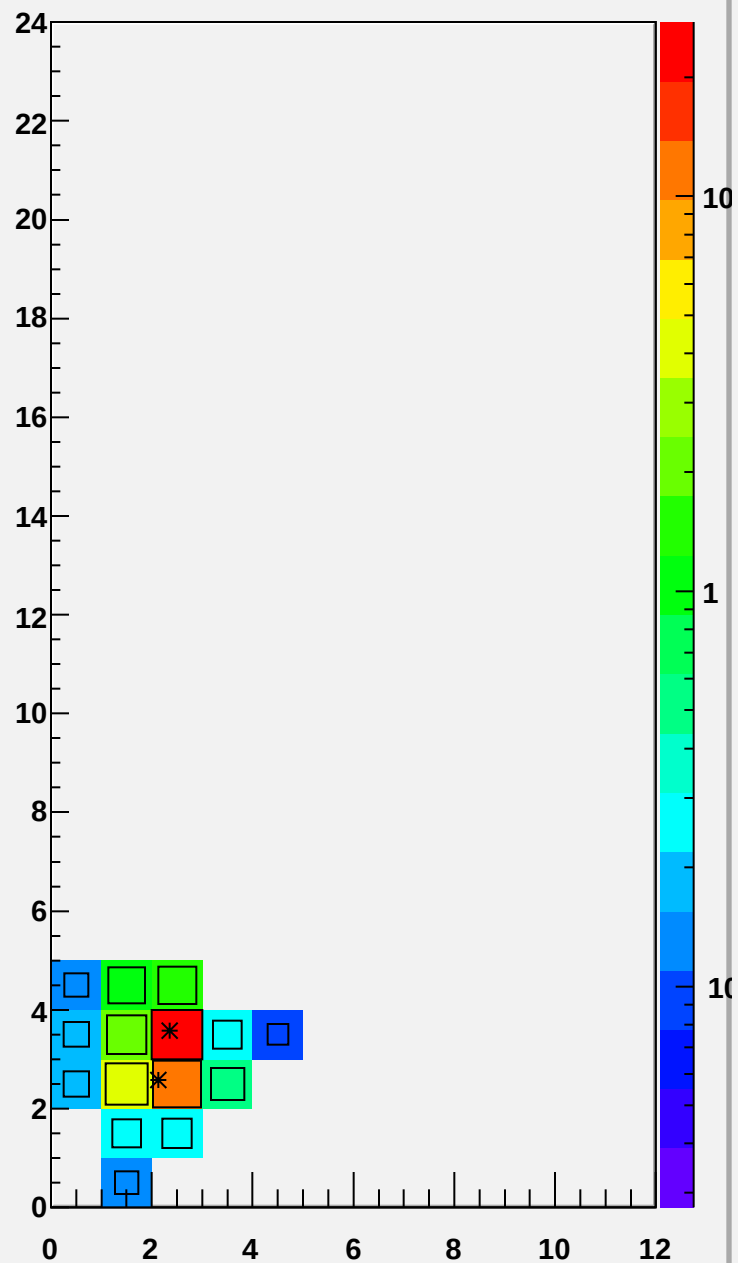
Fitted Energies



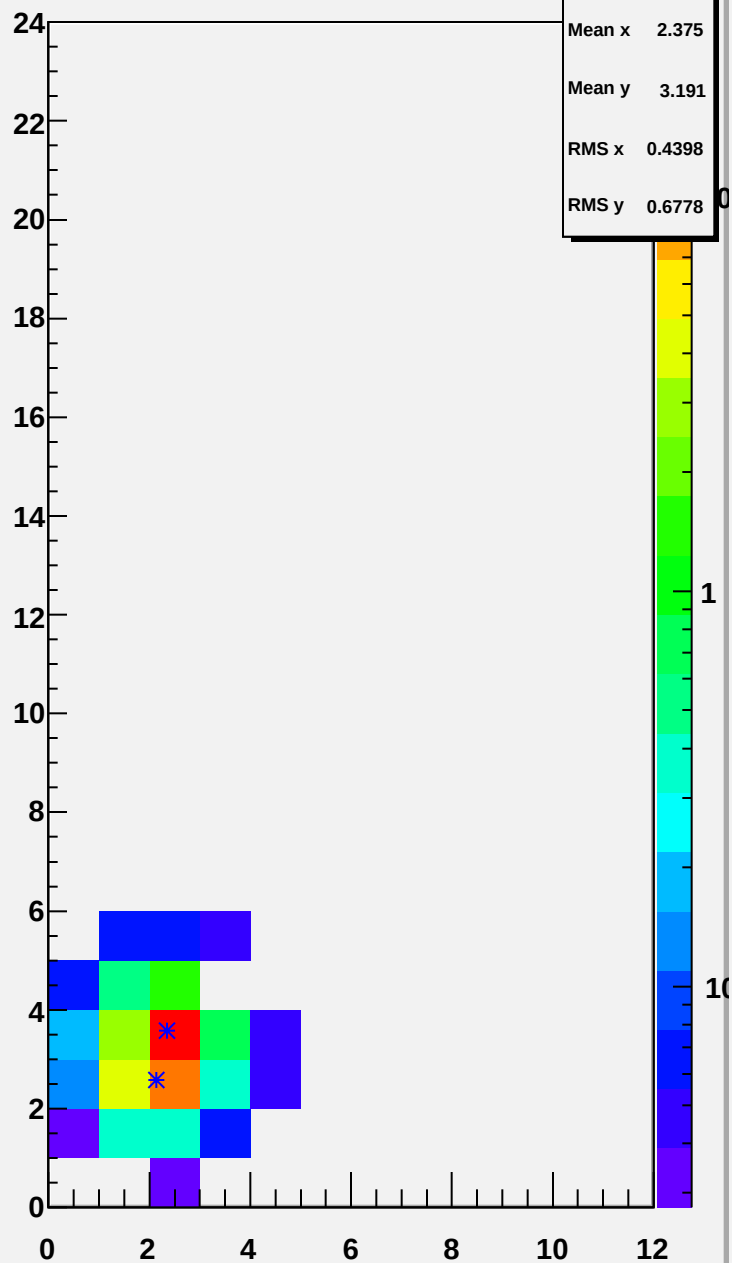
Efit

Entries	288
Mean x	2.184
Mean y	5.086
RMS x	1.533
RMS y	0.7695

NSTB3_r4_c3_En=50.8_m0=0.135_m1=0.135_index=50



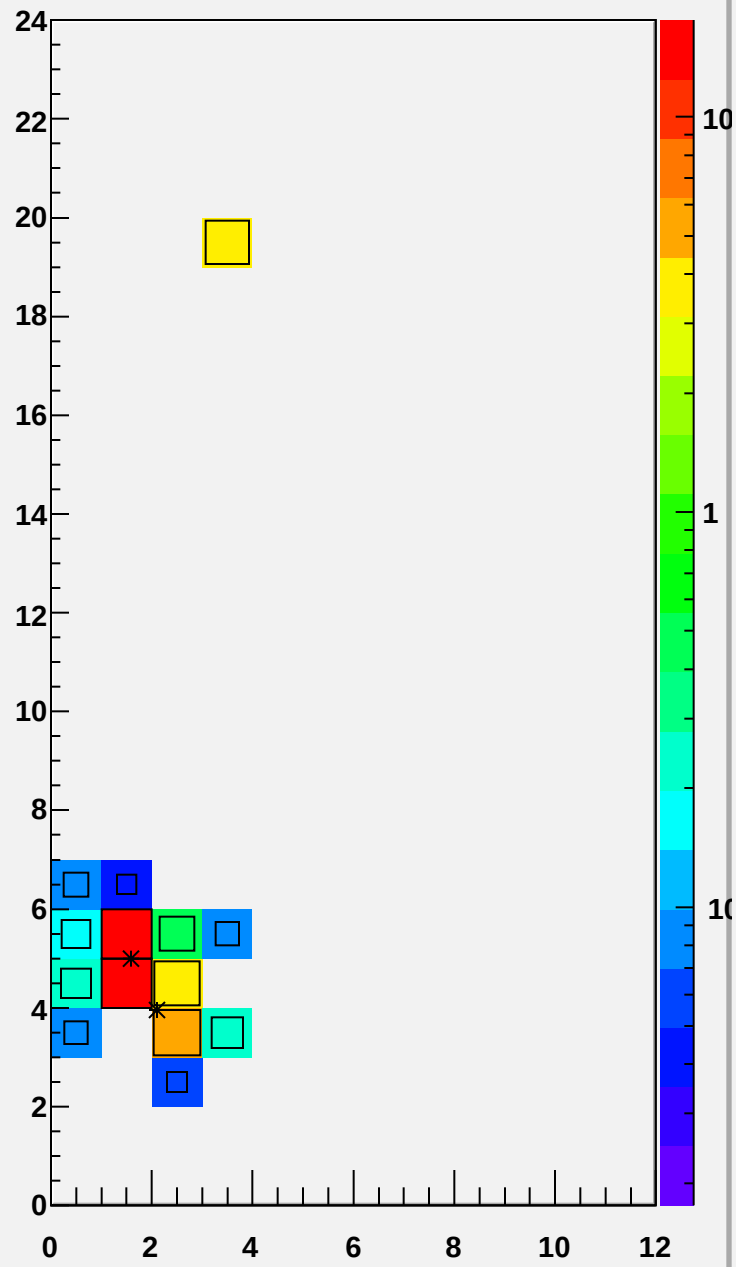
Fitted Energies



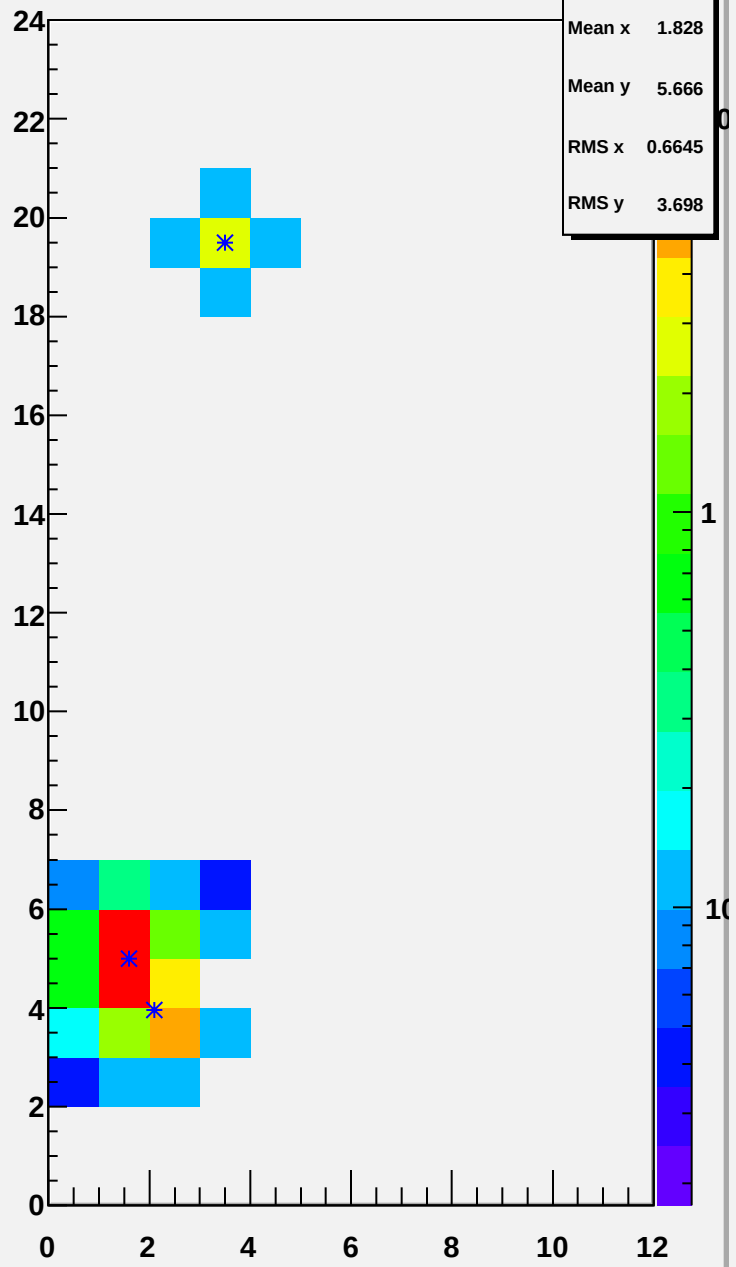
Efit

Entries	288
Mean x	2.375
Mean y	3.191
RMS x	0.4398
RMS y	0.6778

NSTB3_r4_c3_En=48.8_m0=0.136_m1=0.137_index=52



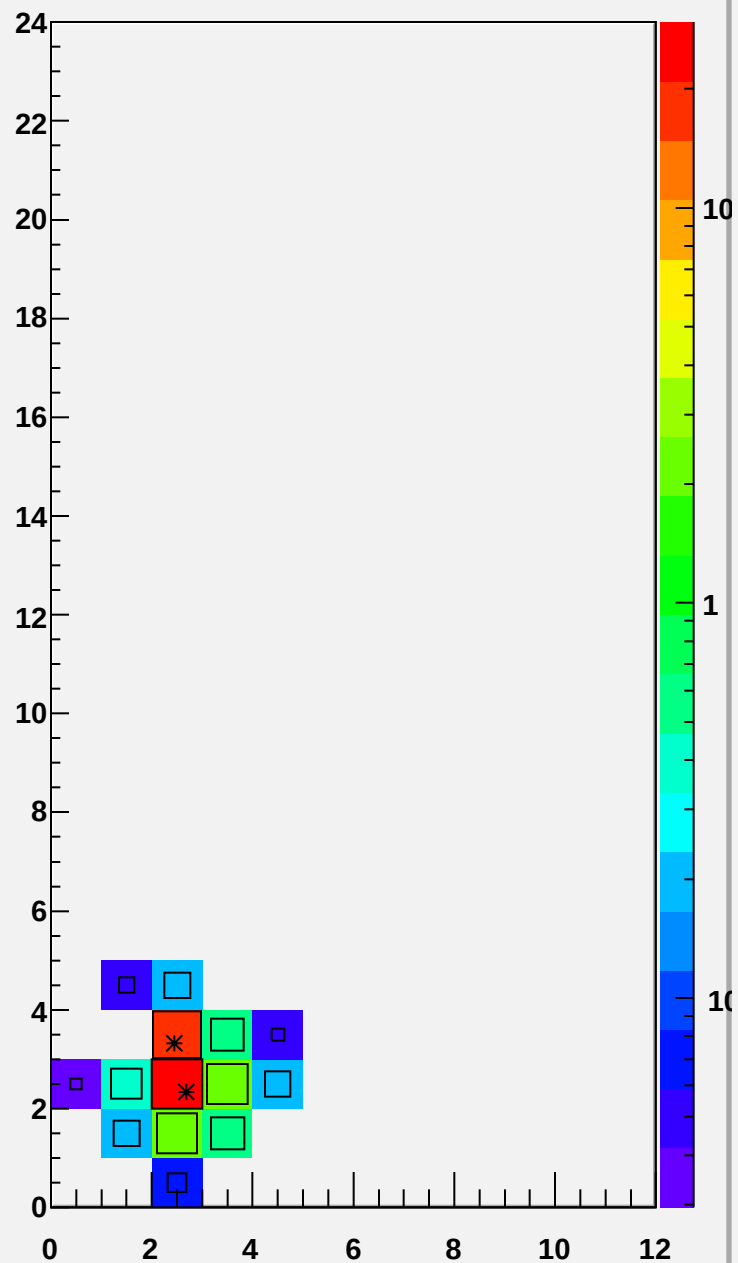
Fitted Energies



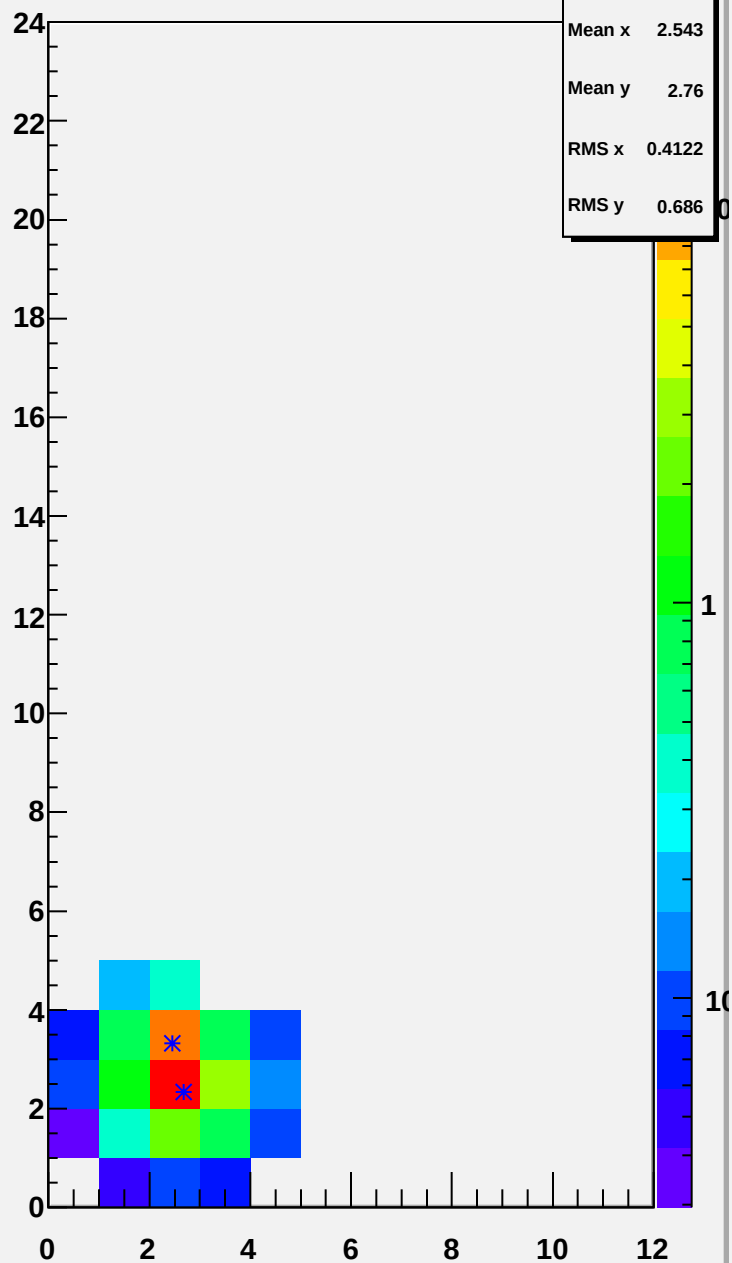
Efit

Entries	288
Mean x	1.828
Mean y	5.666
RMS x	0.6645
RMS y	3.698

NSTB3_r4_c3_En=51.9_m0=0.139 m1=0.139 index=53



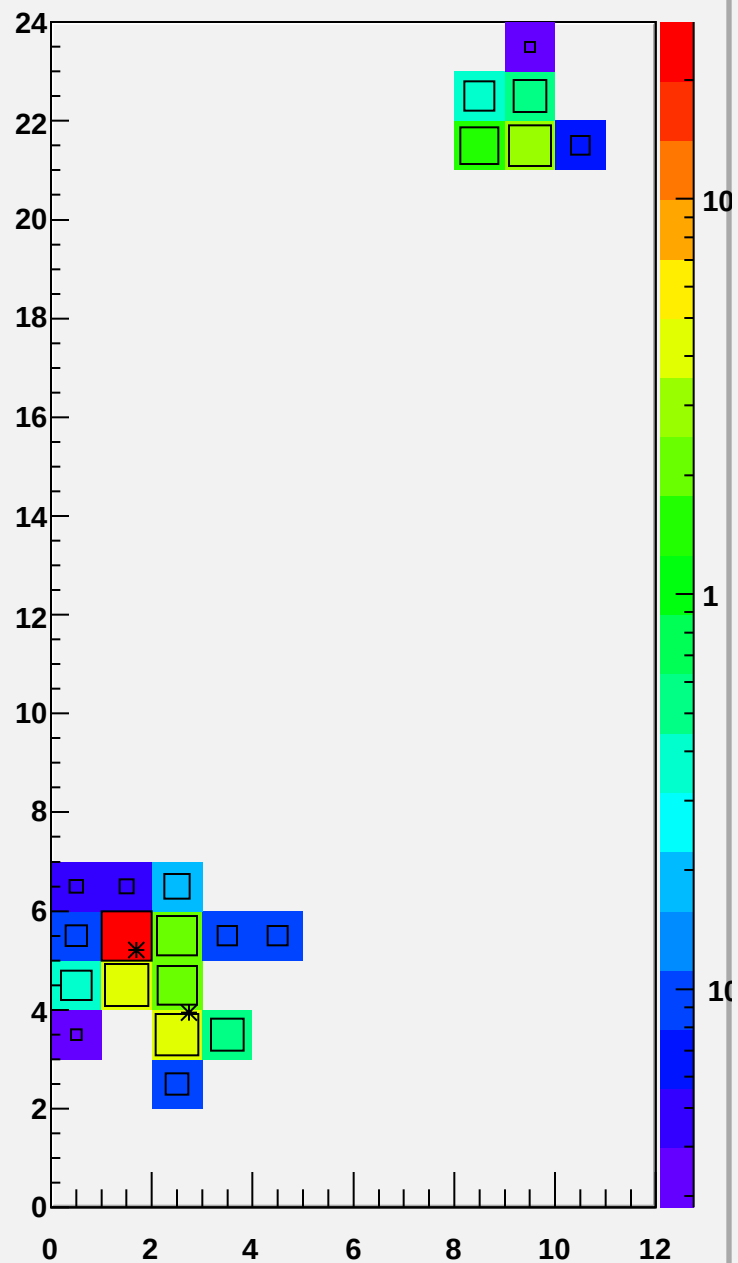
Fitted Energies



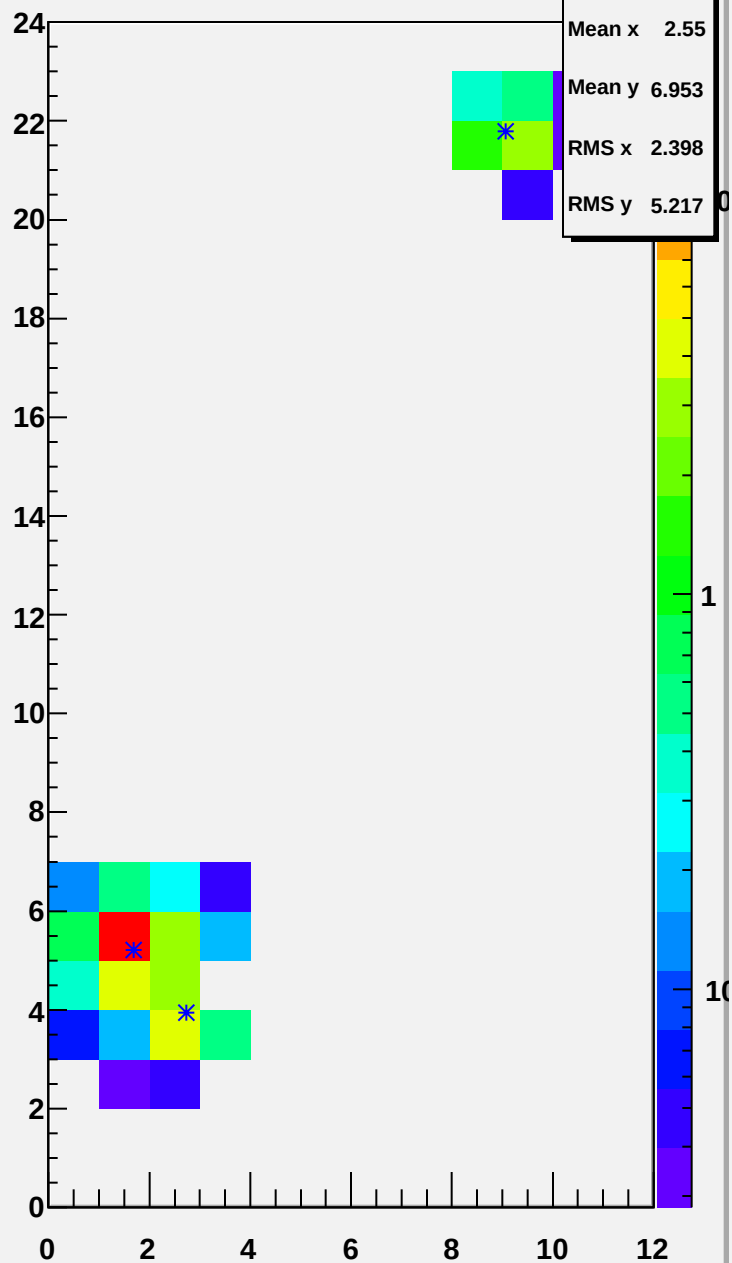
Efit

Entries	288
Mean x	2.543
Mean y	2.76
RMS x	0.4122
RMS y	0.686

NSTB3_r4_c3_En=47.1_m0=0.148 m1=0.147 index=55



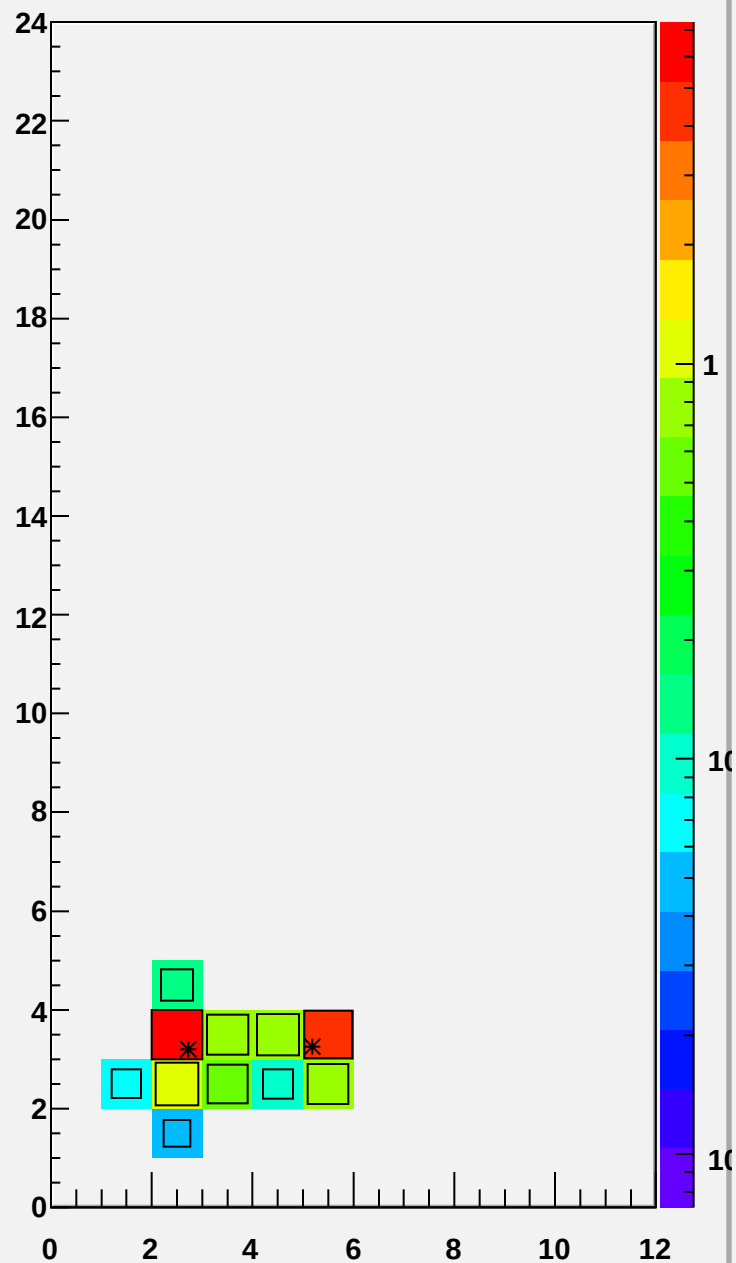
Fitted Energies



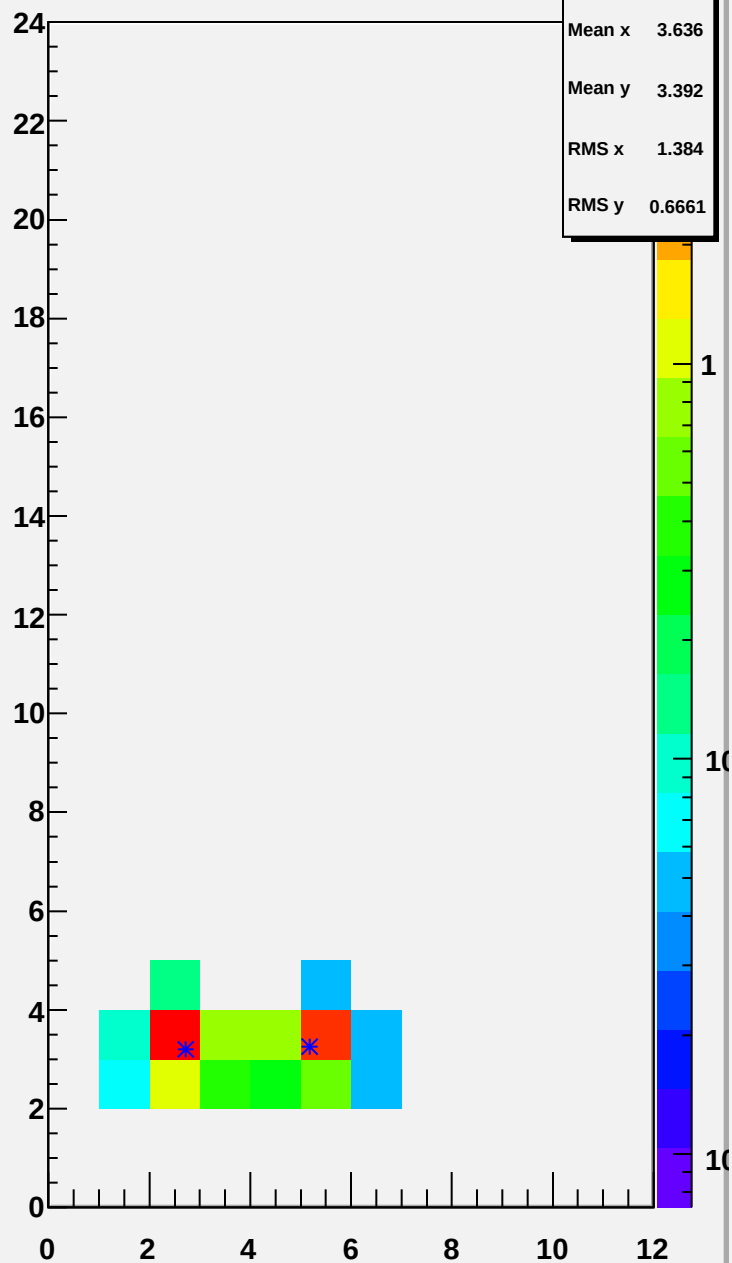
Efit

Entries 288
Mean x 2.55
Mean y 6.953
RMS x 2.398
RMS y 5.217

NSTB3_r4_c3_En=16.0_m0=0.108 m1=0.108 index=57



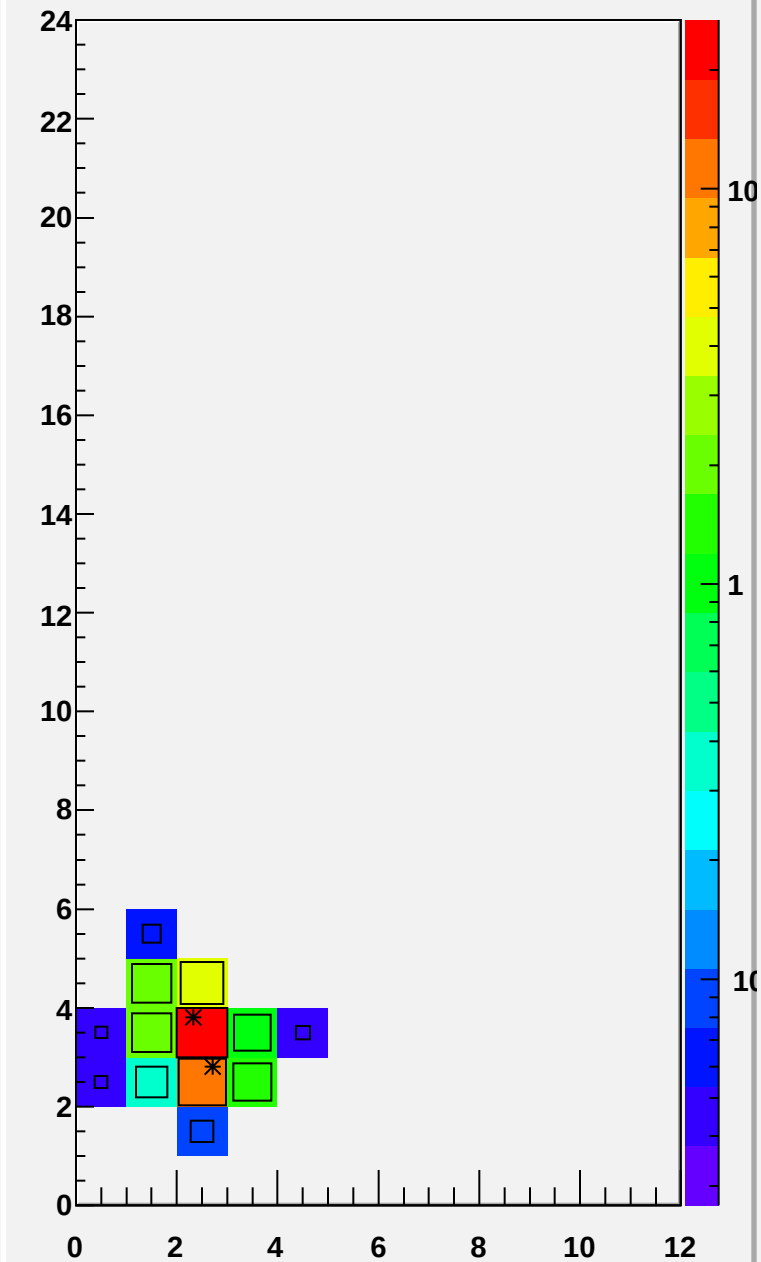
Fitted Energies



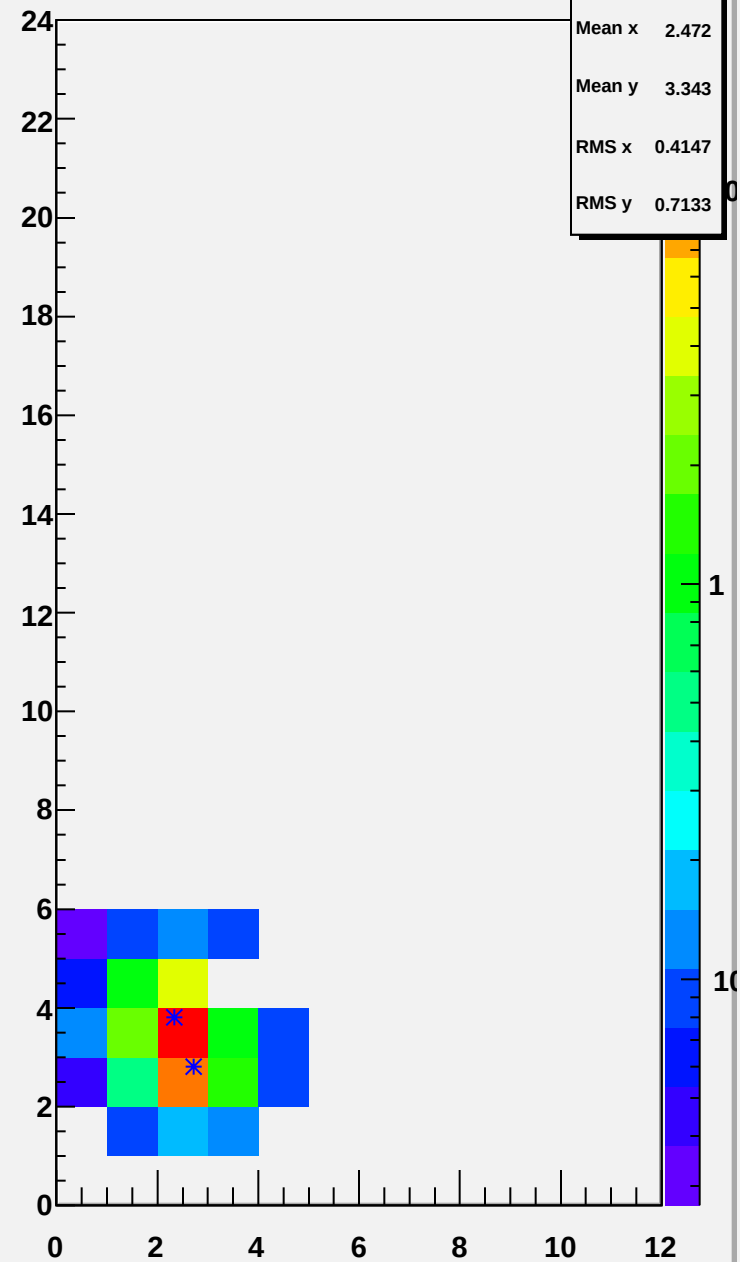
Efit

Entries	288
Mean x	3.636
Mean y	3.392
RMS x	1.384
RMS y	0.6661

NSTB3_r4_c3_En=49.5_m0=0.137 m1=0.137 index=58



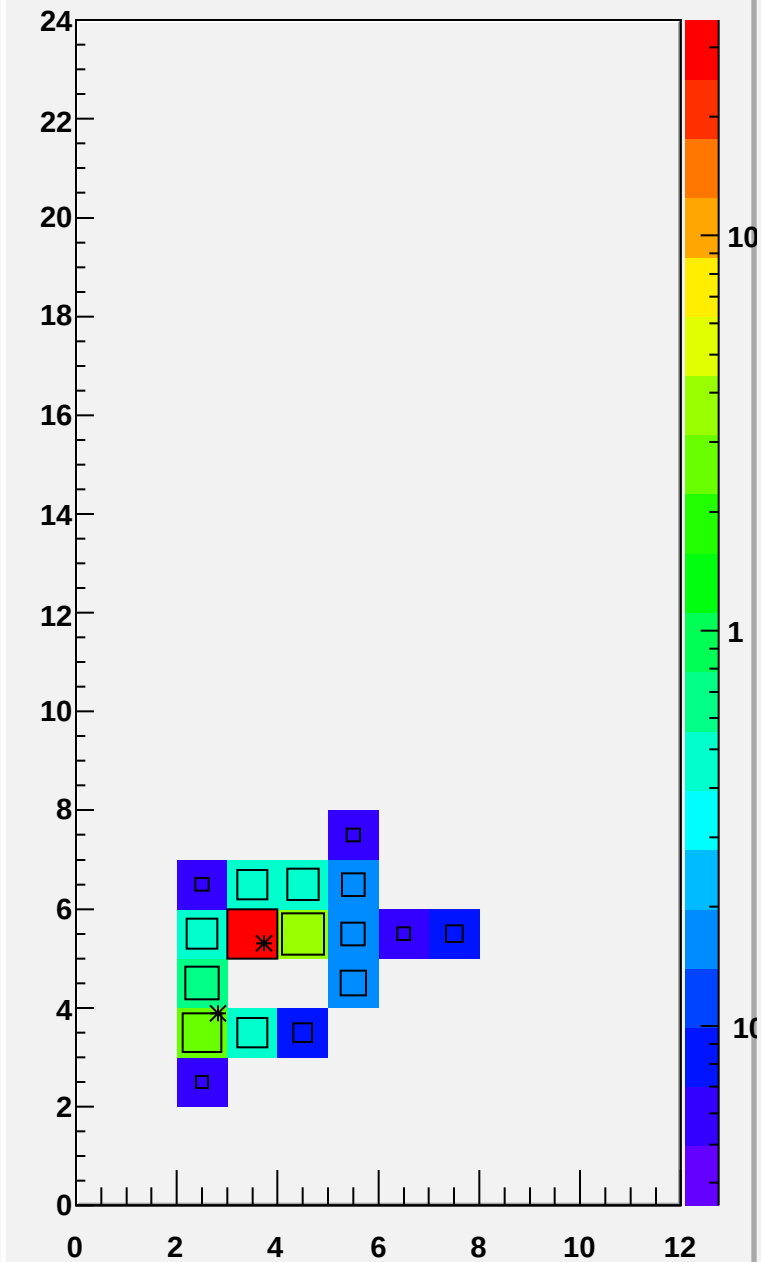
Fitted Energies



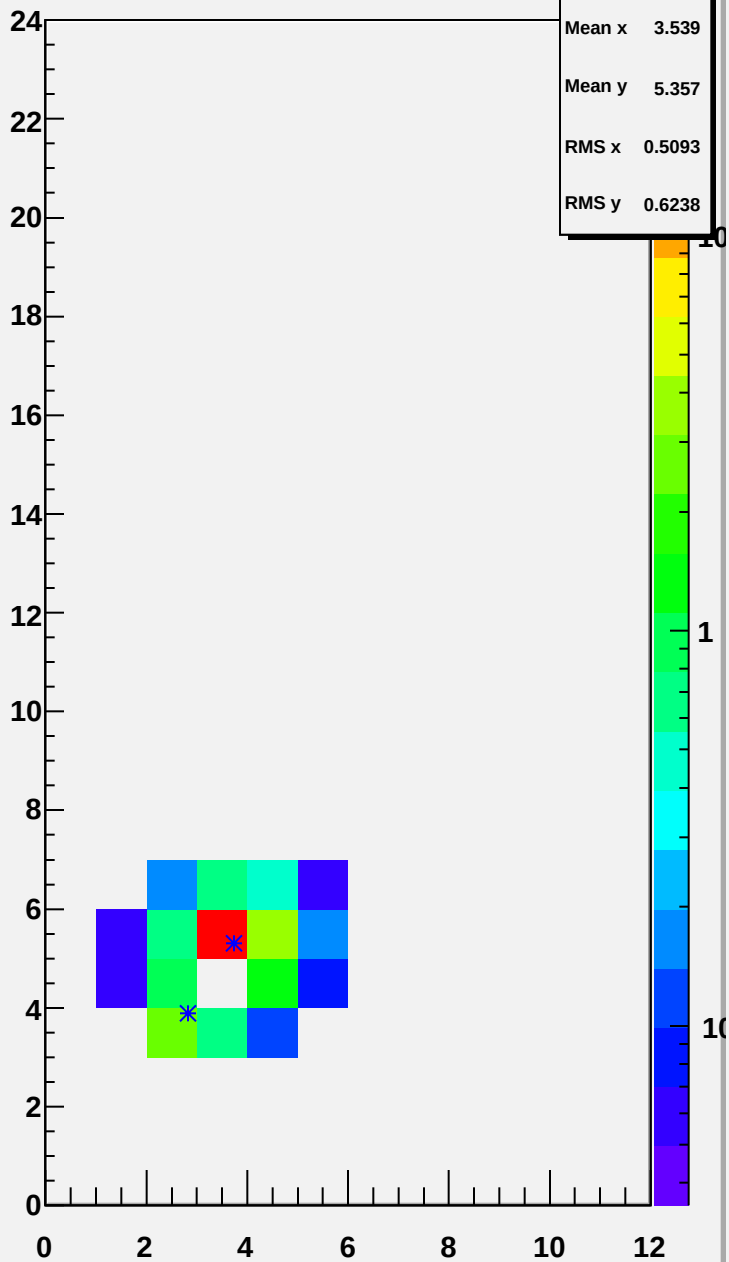
Efit

Entries	288
Mean x	2.472
Mean y	3.343
RMS x	0.4147
RMS y	0.7133

NSTB3_r4_c3_En=44.9_m0=0.122_m1=0.123_index=60



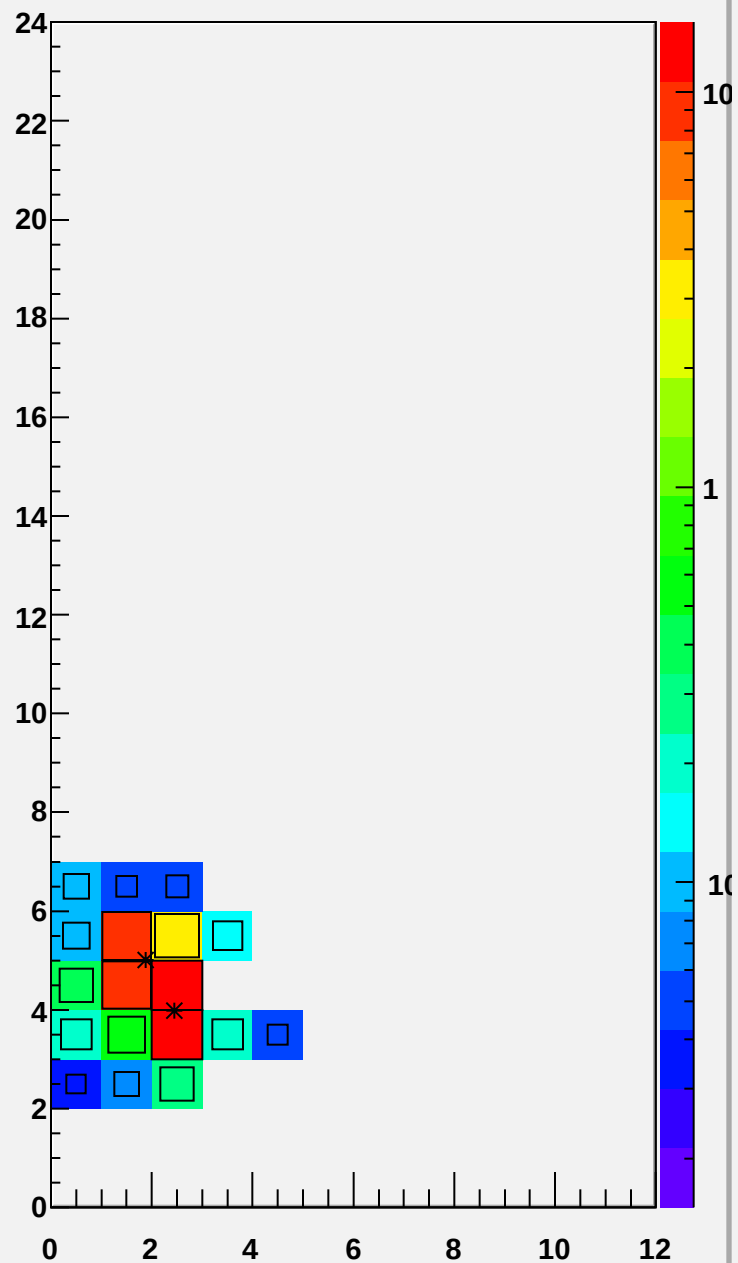
Fitted Energies



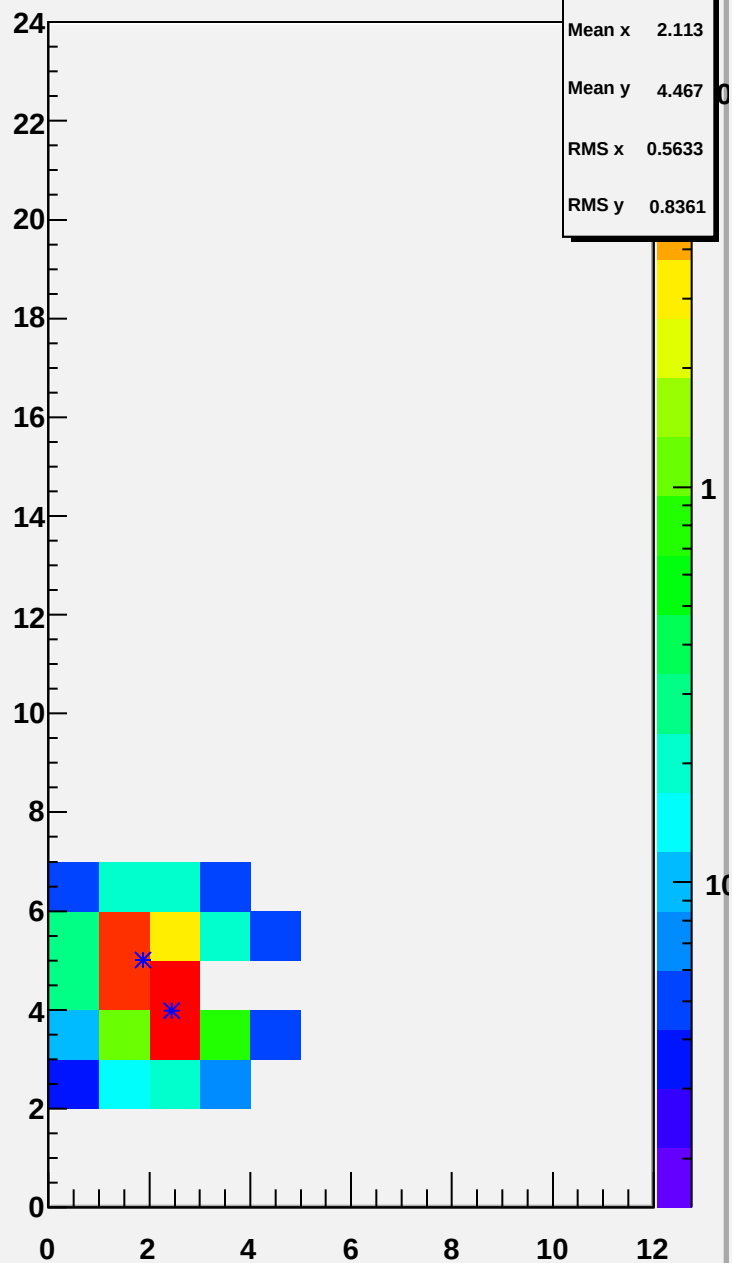
Efit

Entries	288
Mean x	3.539
Mean y	5.357
RMS x	0.5093
RMS y	0.6238

NSTB3_r4_c3_En=54.4_m0=0.183 m1=0.183 index=61



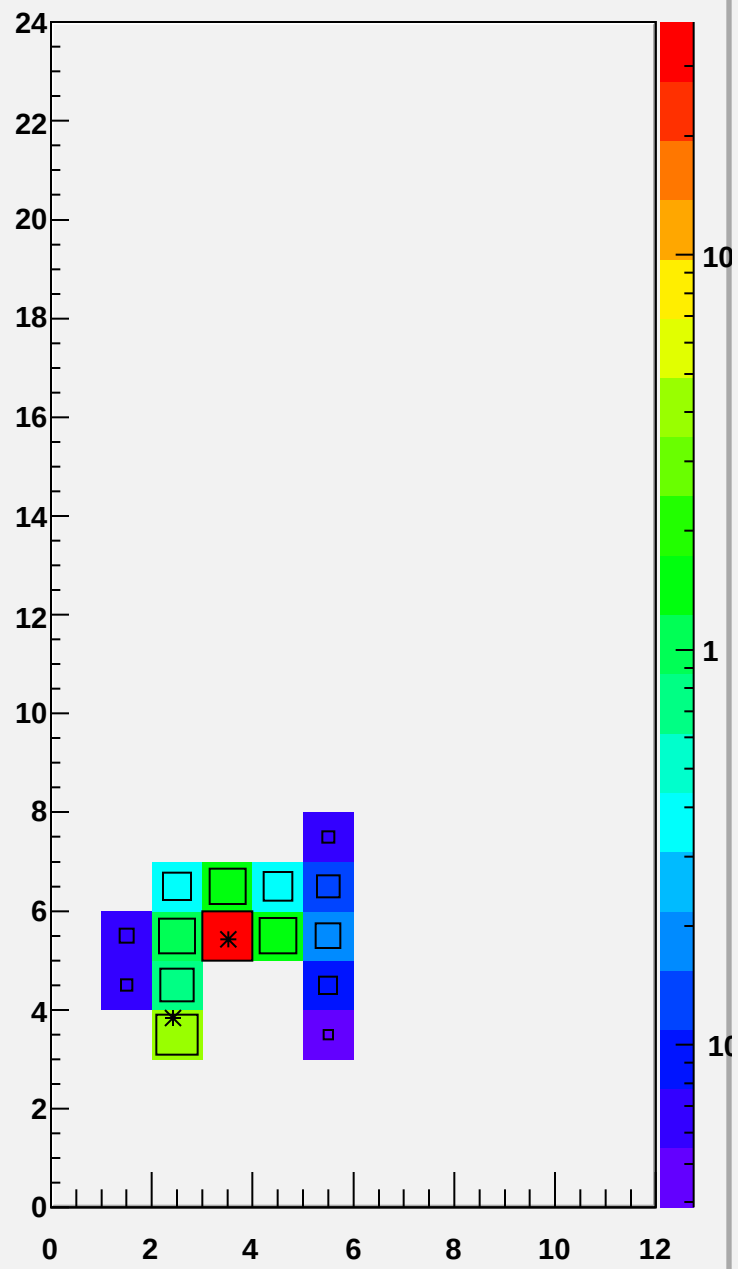
Fitted Energies



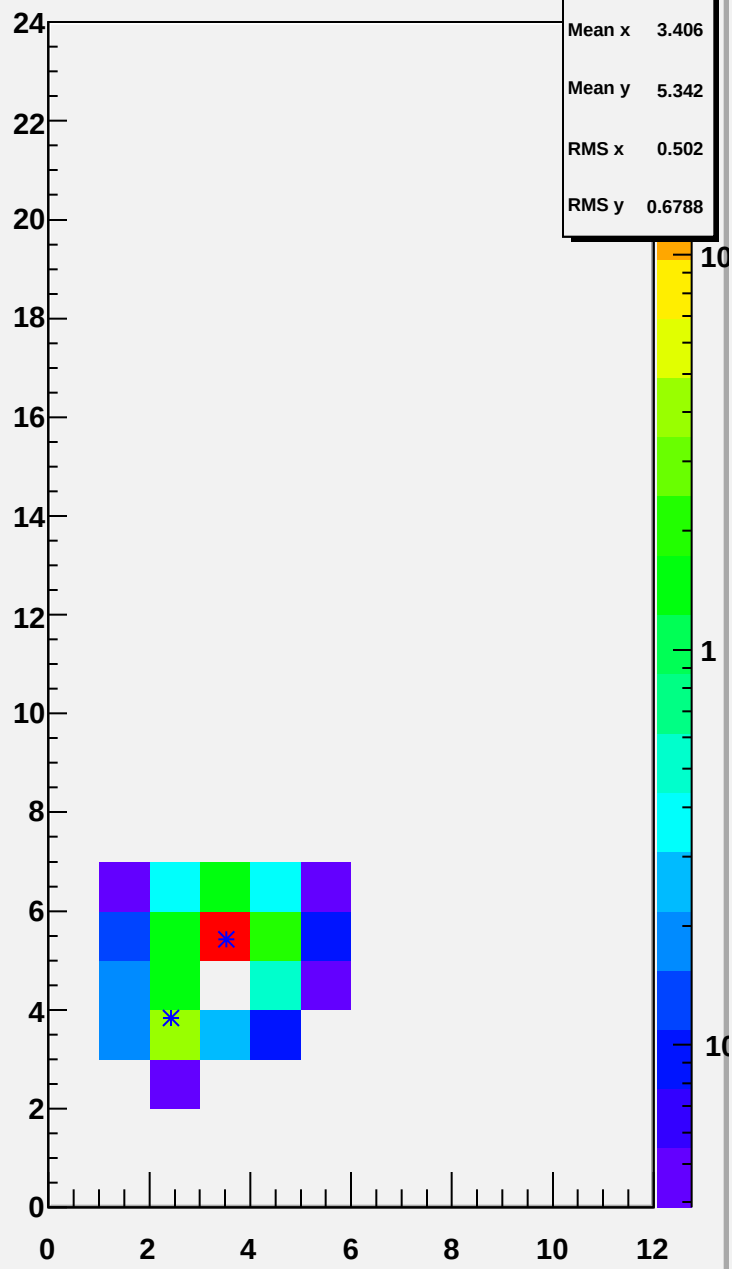
Efit

Entries	288
Mean x	2.113
Mean y	4.467
RMS x	0.5633
RMS y	0.8361

NSTB3_r4_c3_En=48.6_m0=0.164 m1=0.164 index=62



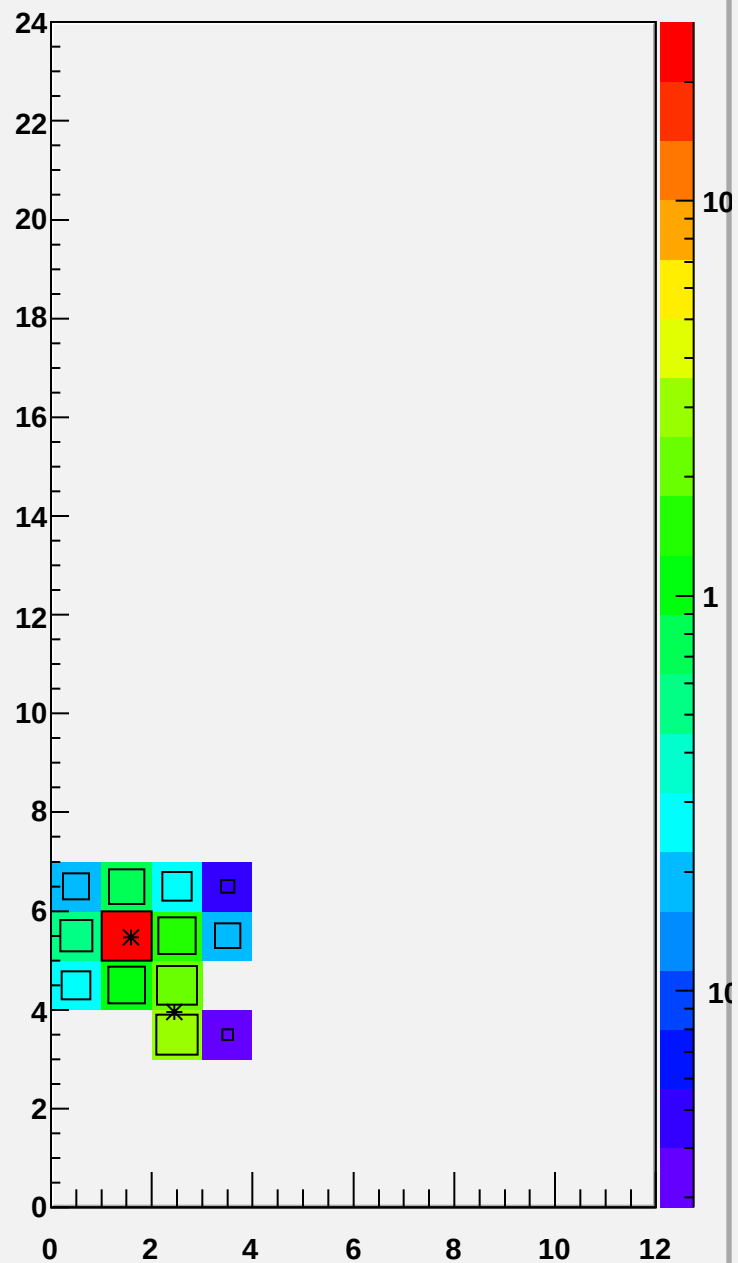
Fitted Energies



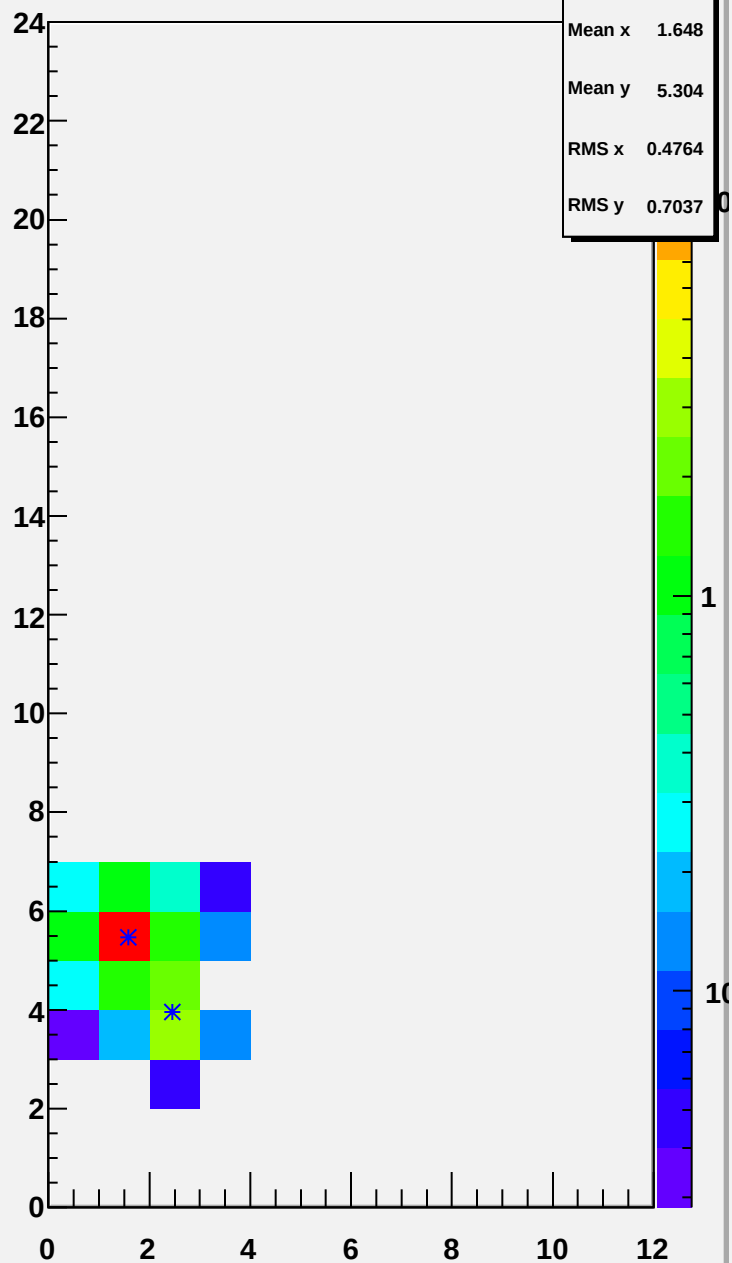
Efit

Entries	288
Mean x	3.406
Mean y	5.342
RMS x	0.502
RMS y	0.6788

NSTB3_r4_c3_En=37.8_m0=0.124_m1=0.124_index=63



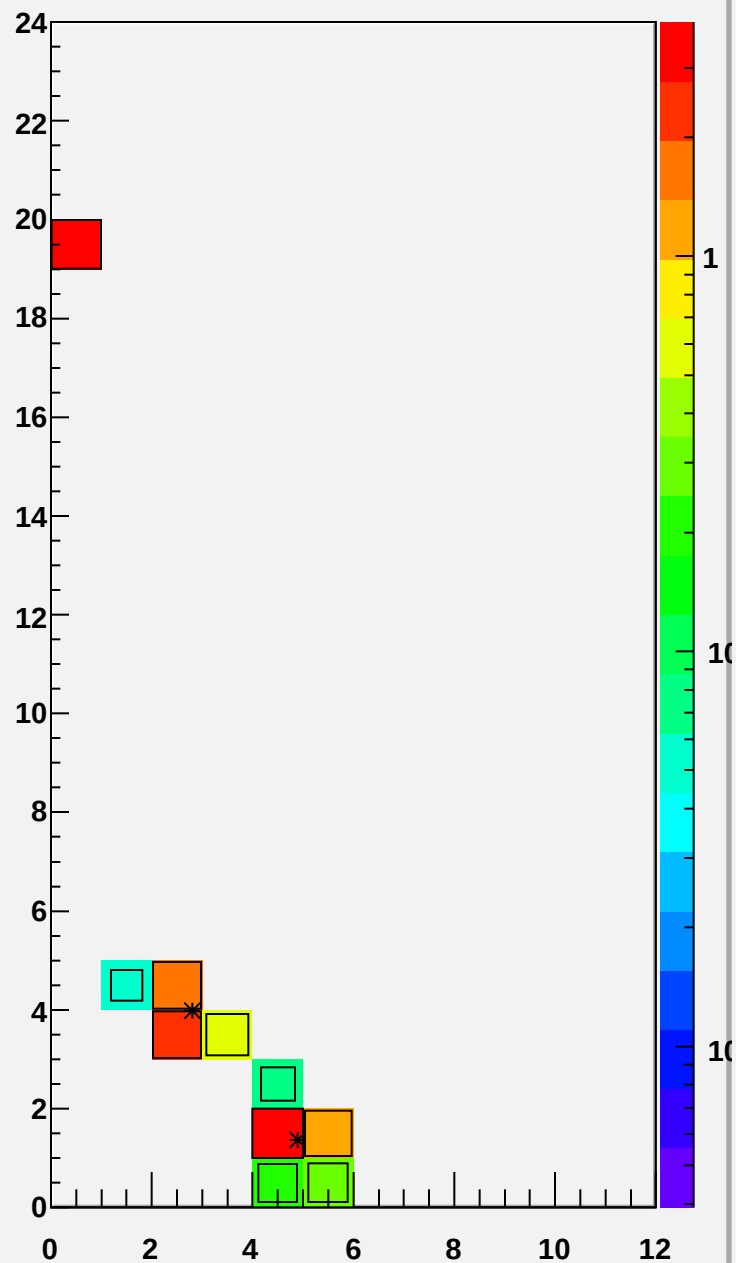
Fitted Energies



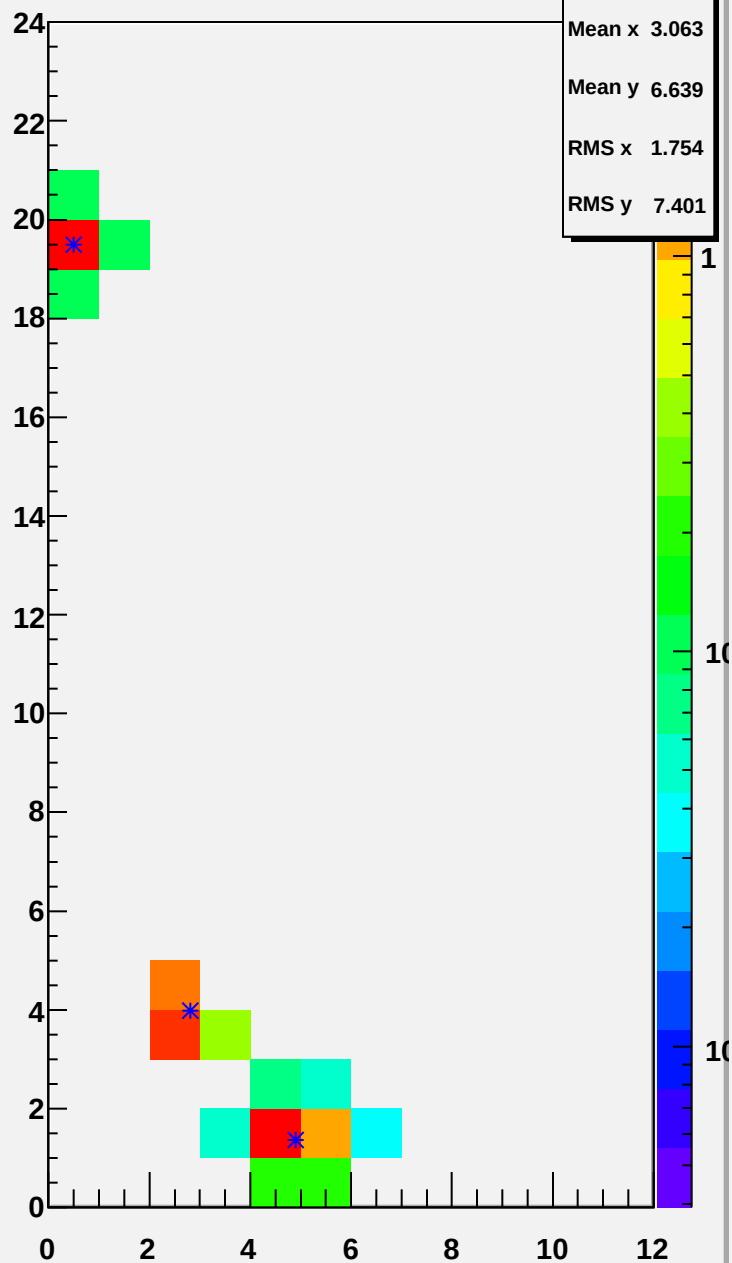
Efit

Entries	288
Mean x	1.648
Mean y	5.304
RMS x	0.4764
RMS y	0.7037

NSTB3_r4_c3_En=13.5_m0=0.100 m1=0.100 index=64



Fitted Energies



Efit

Entries 288

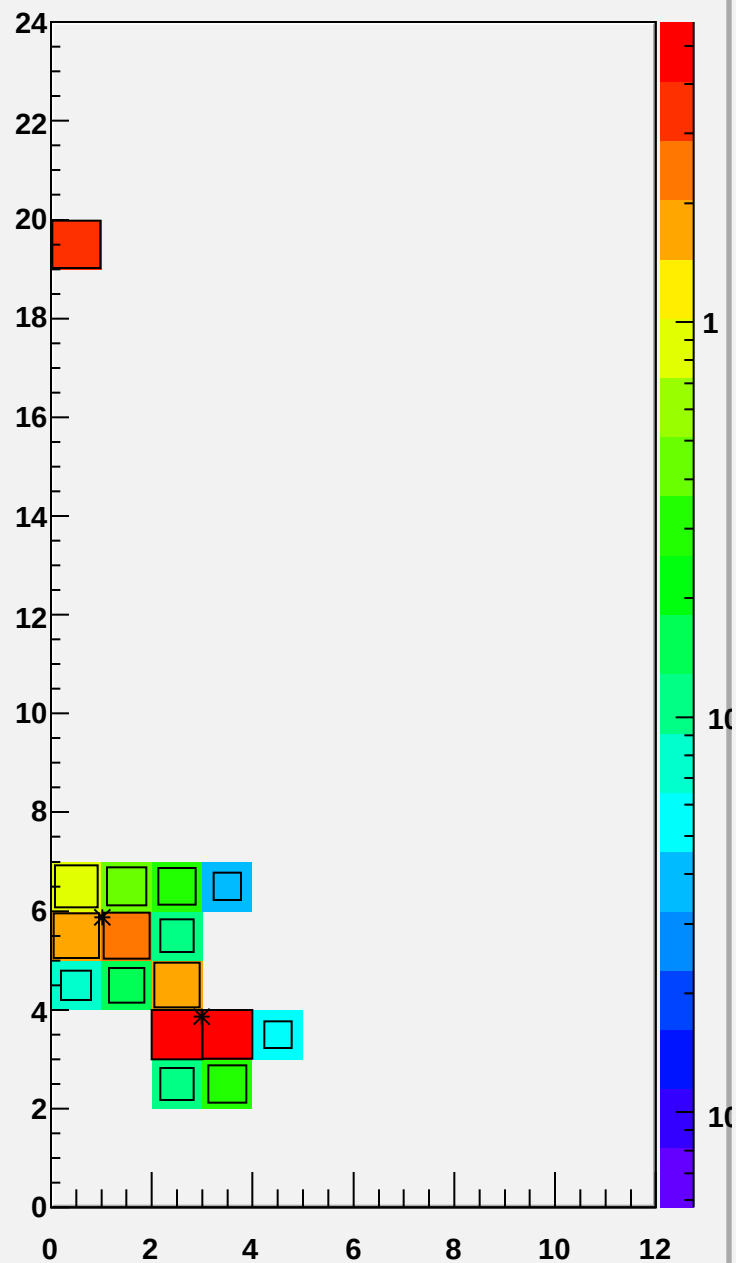
Mean x 3.063

Mean y 6.639

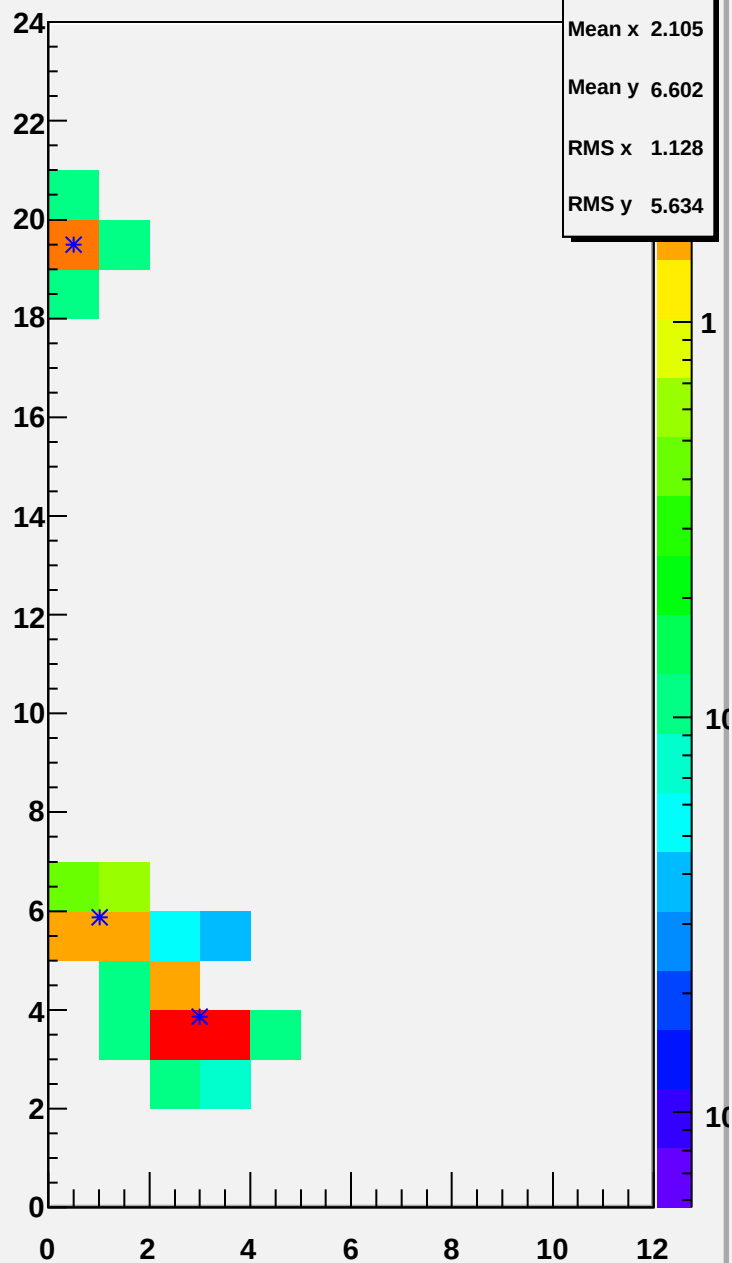
RMS x 1.754

RMS y 7.401

NSTB3_r4_c3_En=21.6_m0=0.130 m1=0.130 index=65



Fitted Energies



Efit

Entries 288

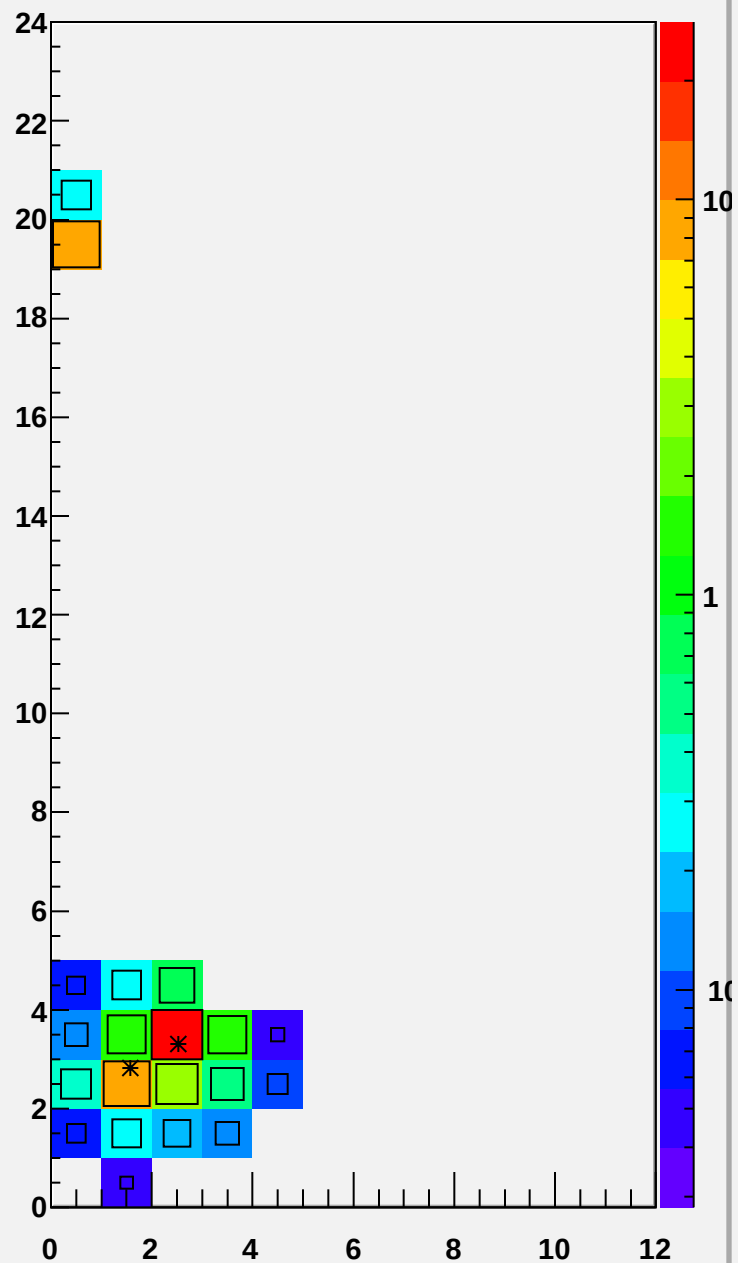
Mean x 2.105

Mean y 6.602

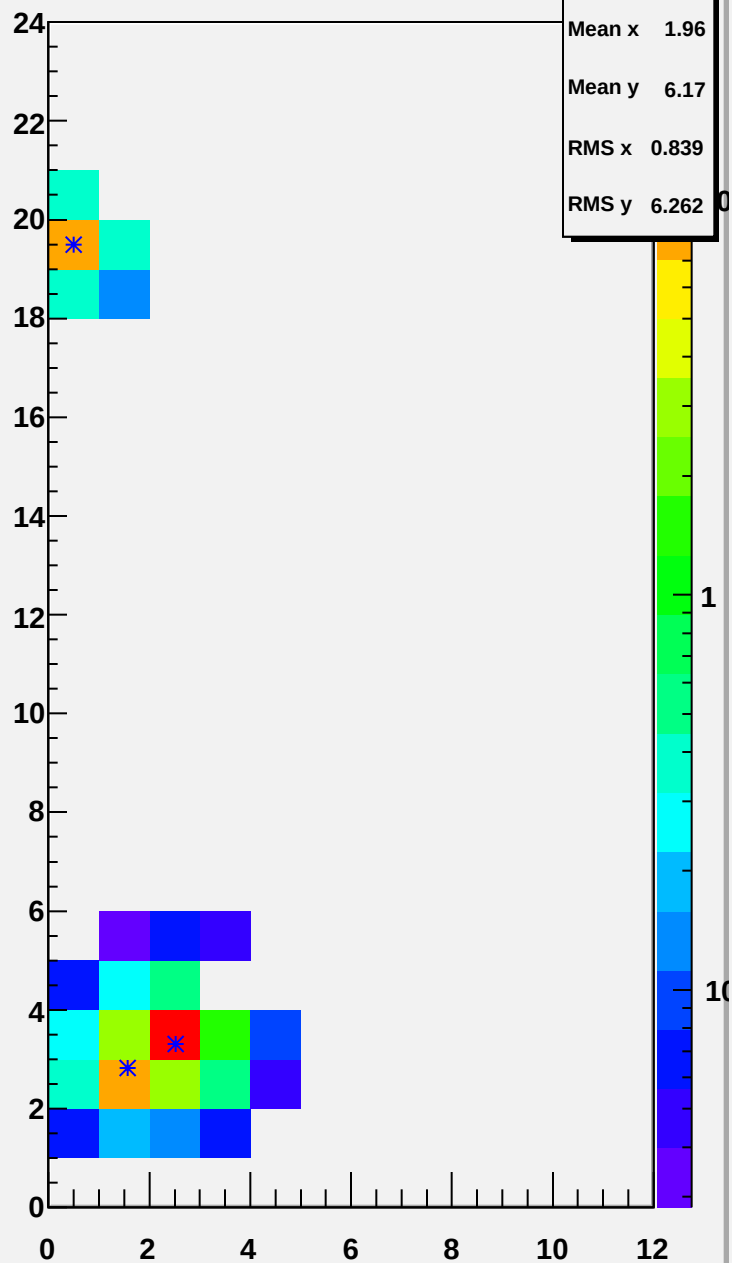
RMS x 1.128

RMS y 5.634

NSTB3_r4_c3_En=54.9_m0=0.115_m1=0.115_index=66



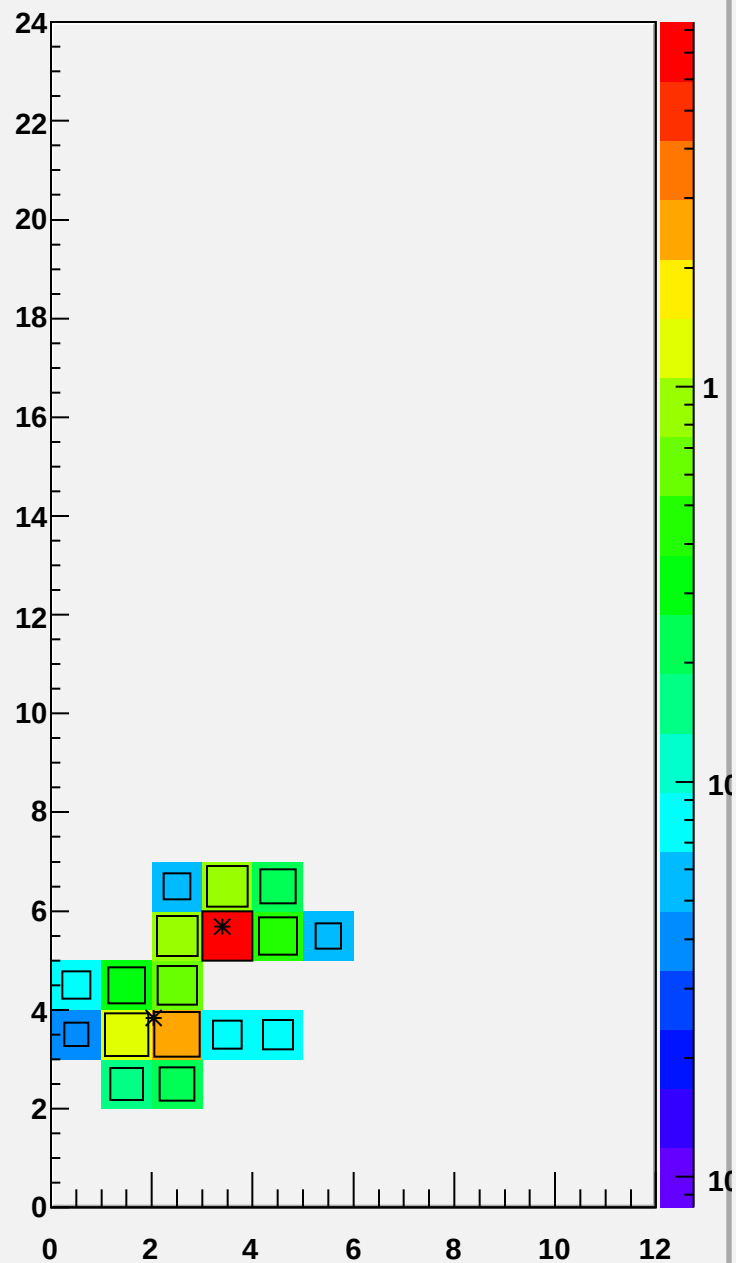
Fitted Energies



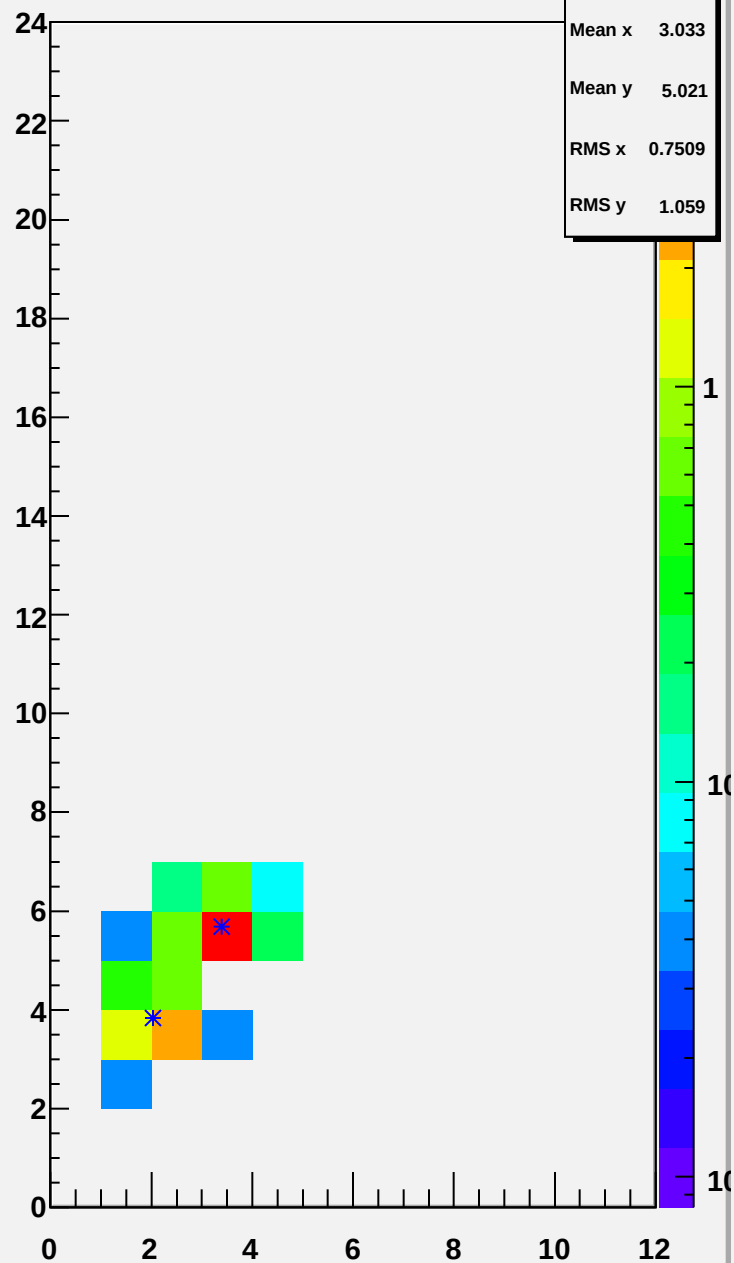
Efit

Entries 288
Mean x 1.96
Mean y 6.17
RMS x 0.839
RMS y 6.262

NSTB3_r4_c3_En=15.9_m0=0.091 m1=0.090 index=67



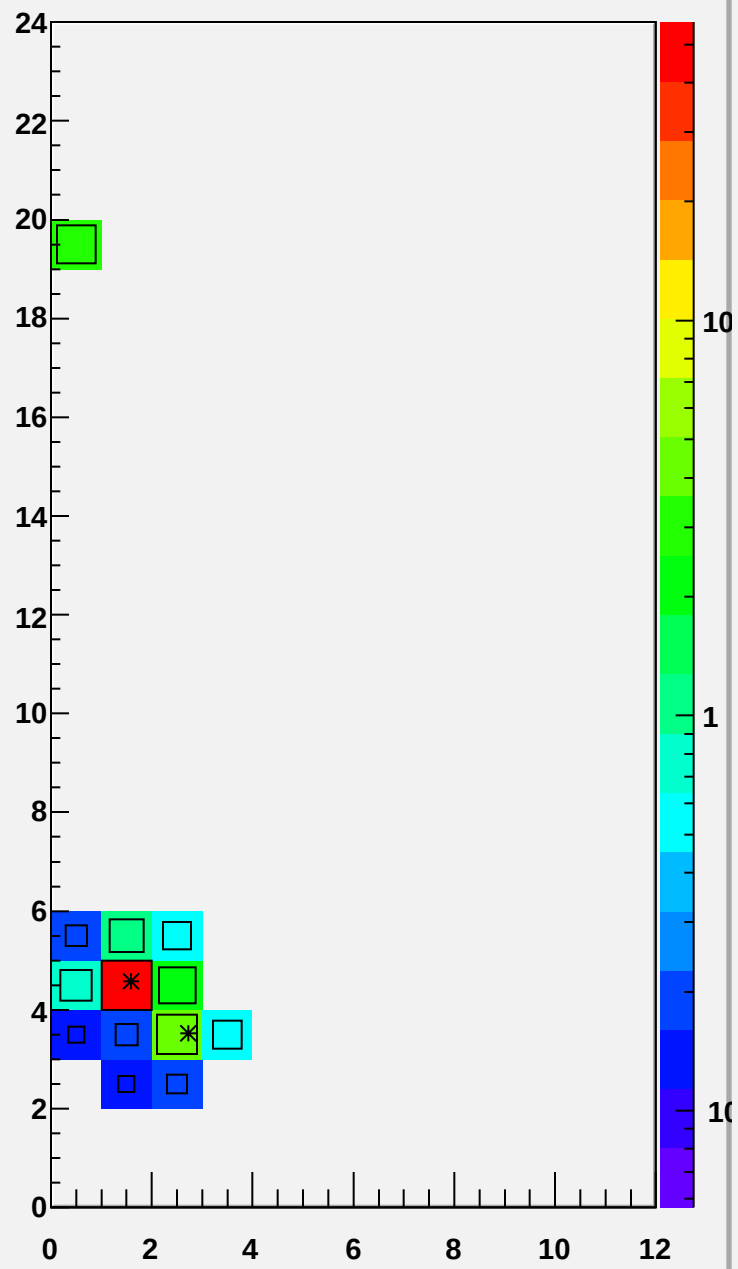
Fitted Energies



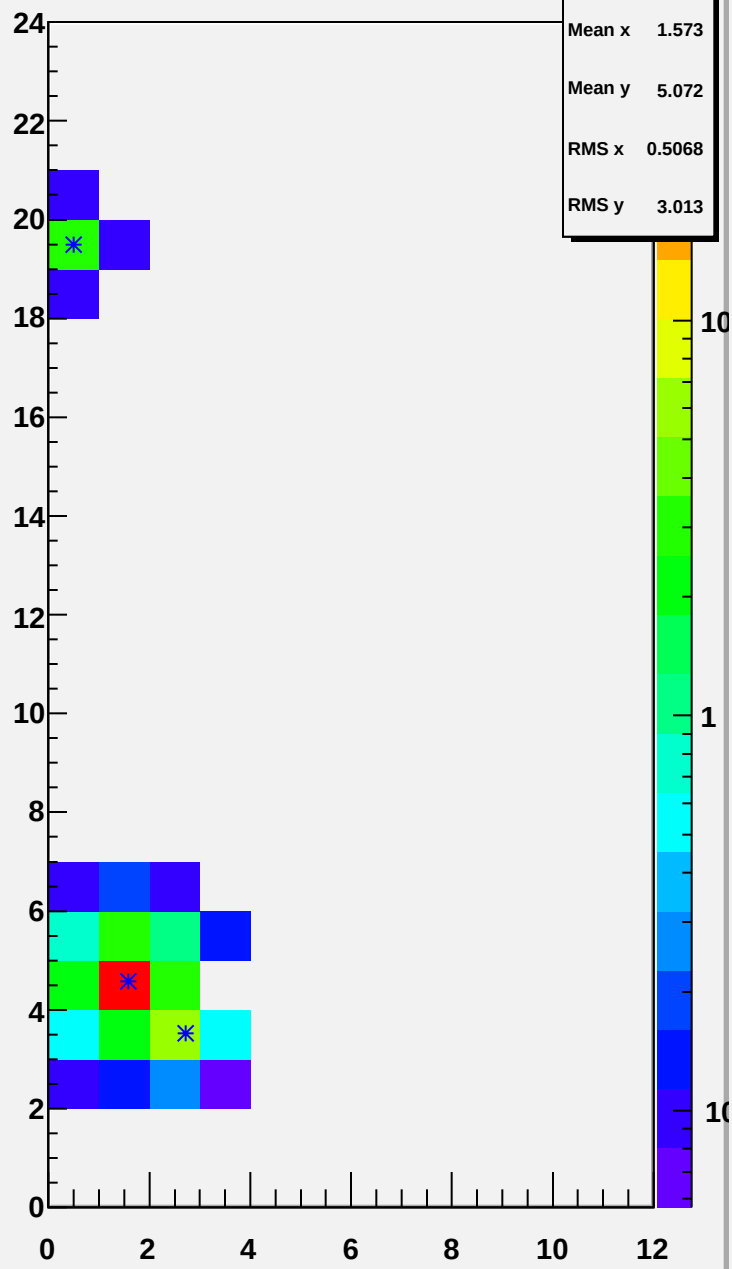
Efit

Entries	288
Mean x	3.033
Mean y	5.021
RMS x	0.7509
RMS y	1.059

NSTB3_r4_c3_En=70.7_m0=0.167_m1=0.166_index=68



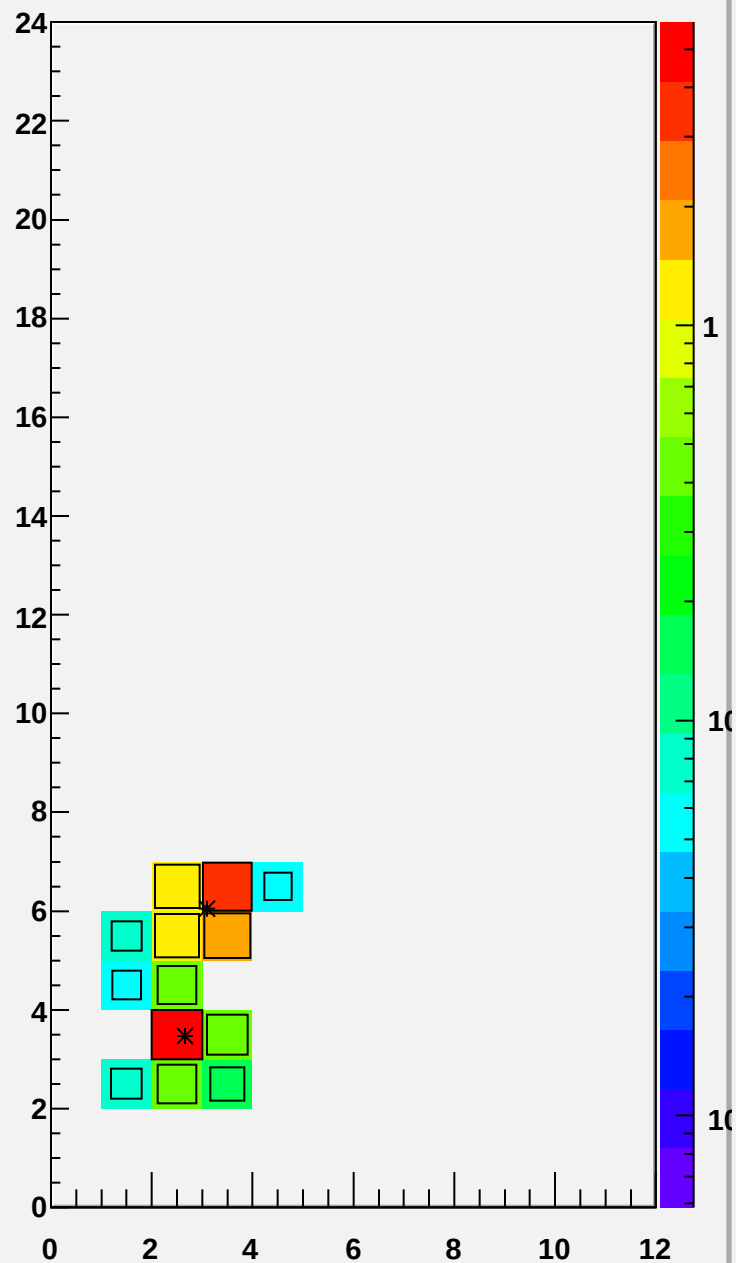
Fitted Energies



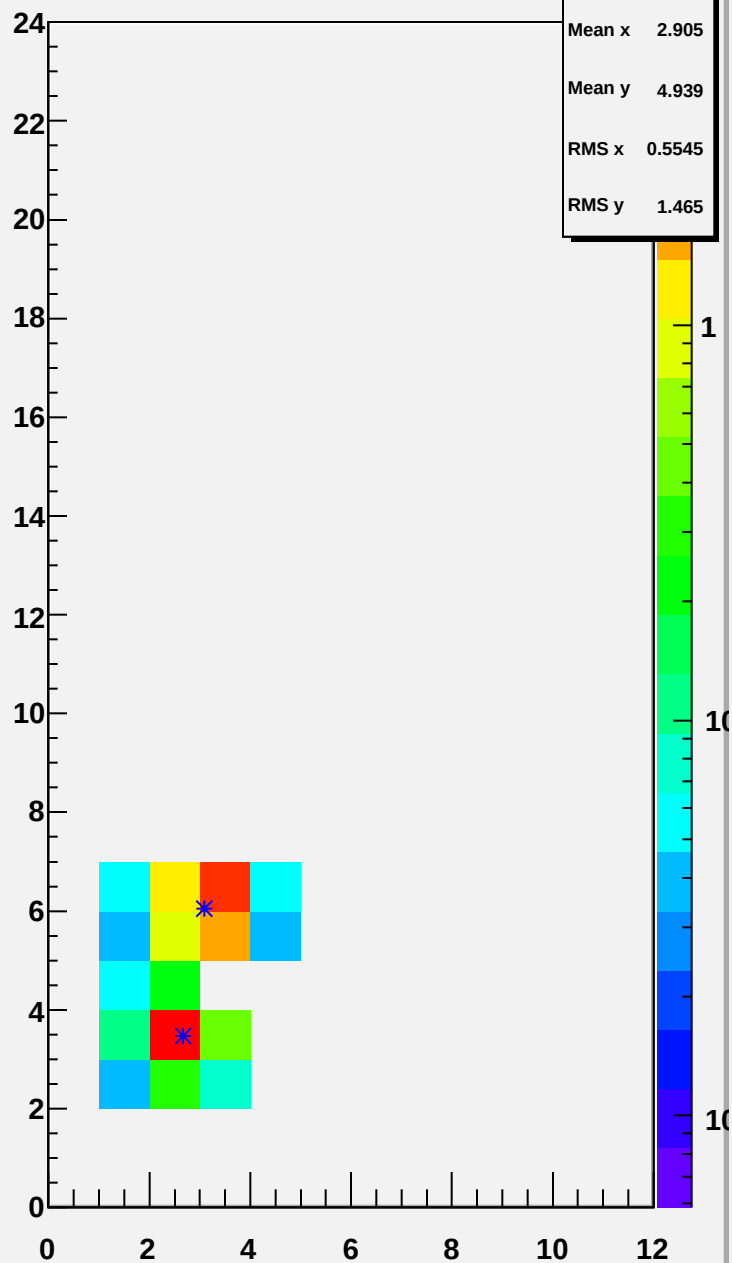
Efit

Entries	288
Mean x	1.573
Mean y	5.072
RMS x	0.5068
RMS y	3.013

NSTB3_r4_c3_En=15.6_m0=0.115_m1=0.115_index=69



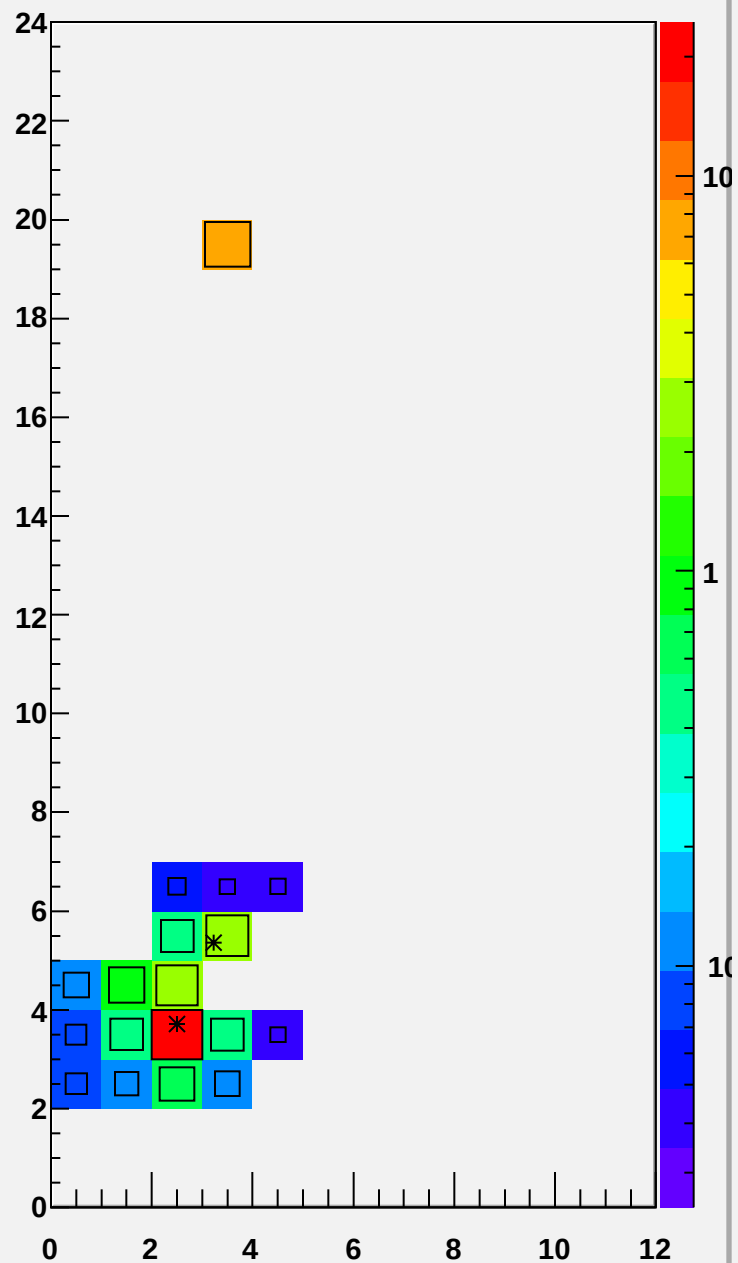
Fitted Energies



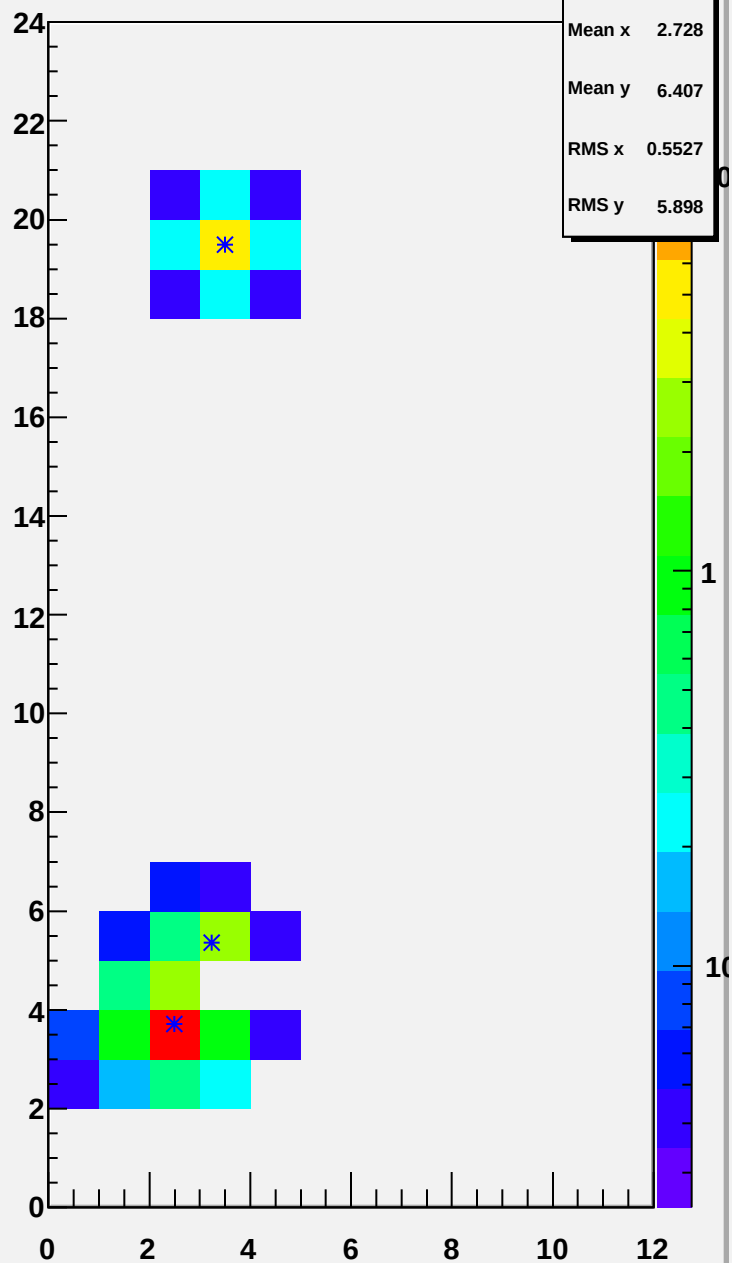
Efit

Entries	288
Mean x	2.905
Mean y	4.939
RMS x	0.5545
RMS y	1.465

NSTB3_r4_c3_En=39.4_m0=0.108 m1=0.108 index=70



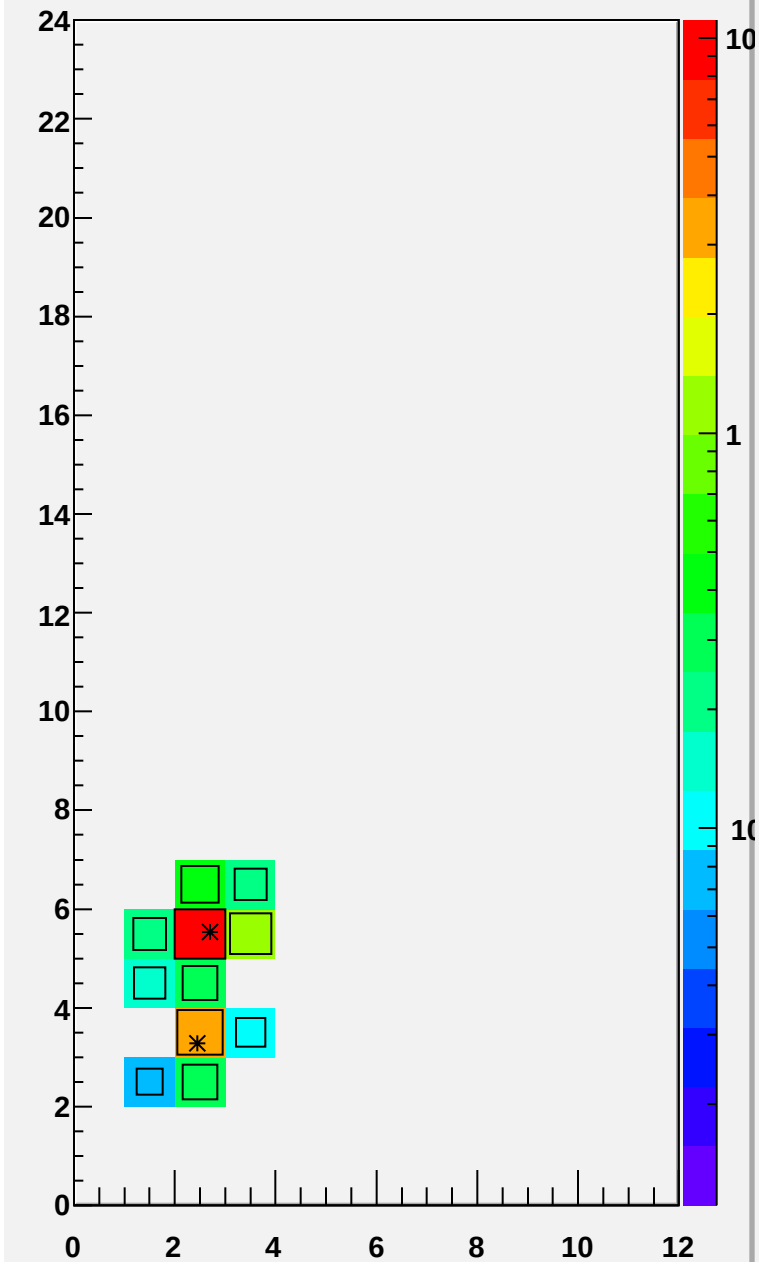
Fitted Energies



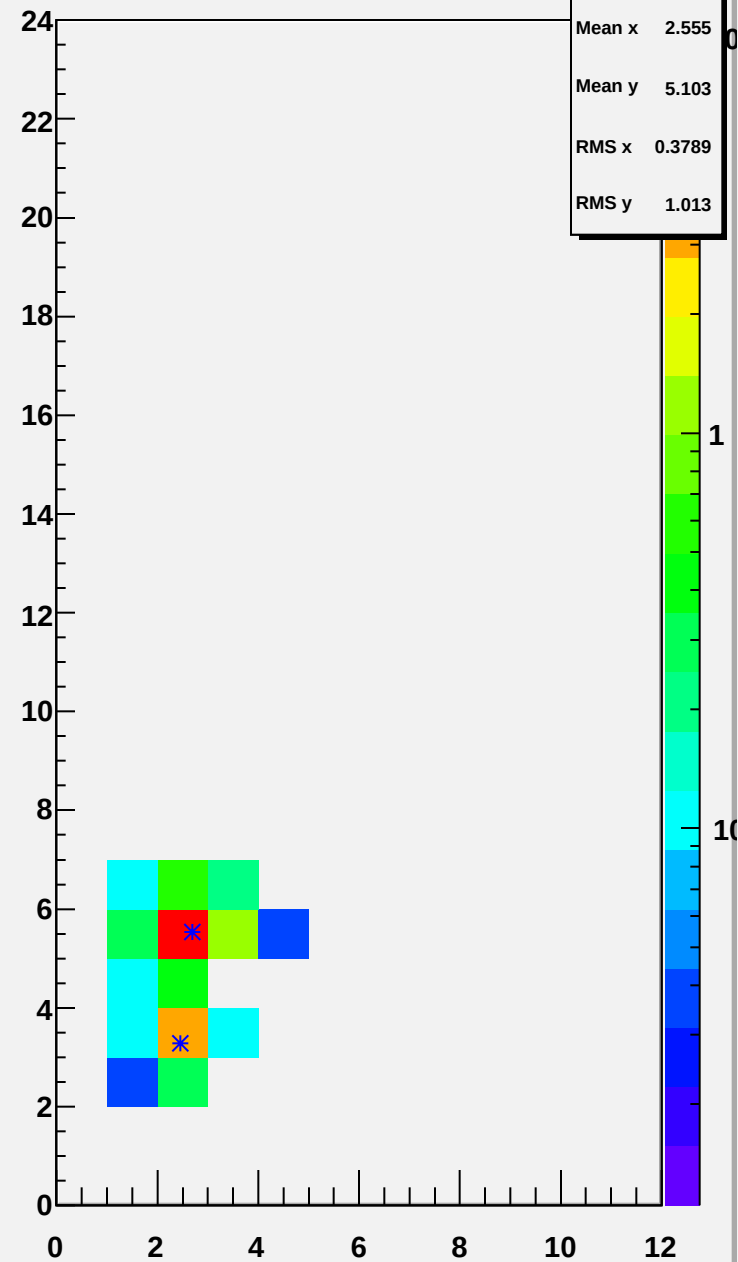
Efit

Entries	288
Mean x	2.728
Mean y	6.407
RMS x	0.5527
RMS y	5.898

NSTB3_r4_c3_En=17.1_m0=0.092 m1=0.092 index=71



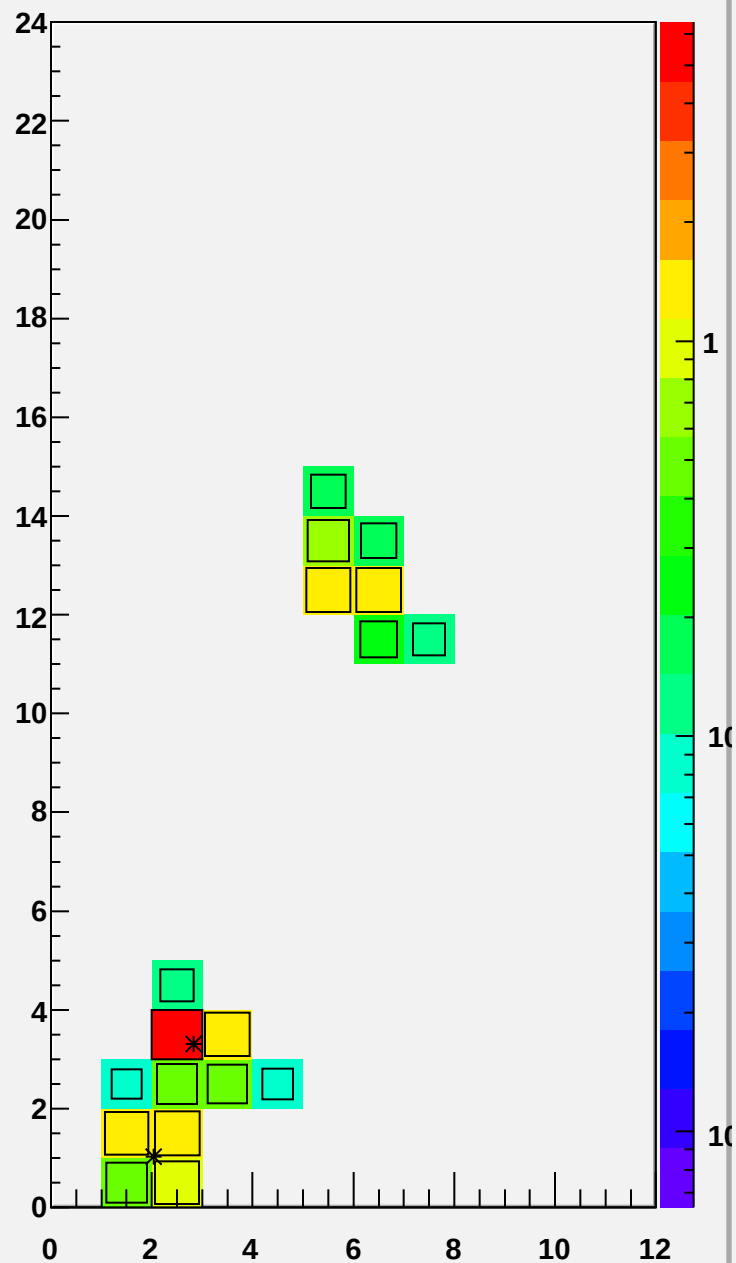
Fitted Energies



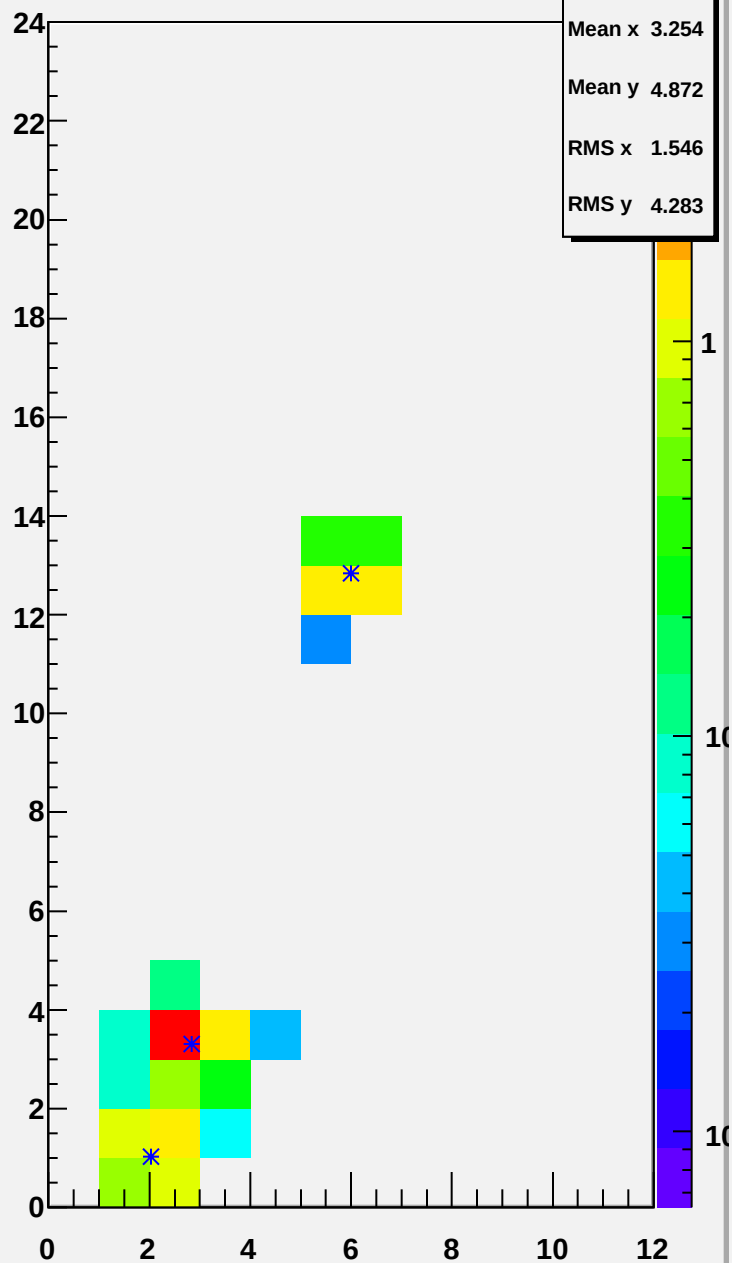
Efit

Entries	288
Mean x	2.555
Mean y	5.103
RMS x	0.3789
RMS y	1.013

NSTB3_r4_c3_En=17.7_m0=0.086 m1=0.086 index=72



Fitted Energies



Efit

Entries 288

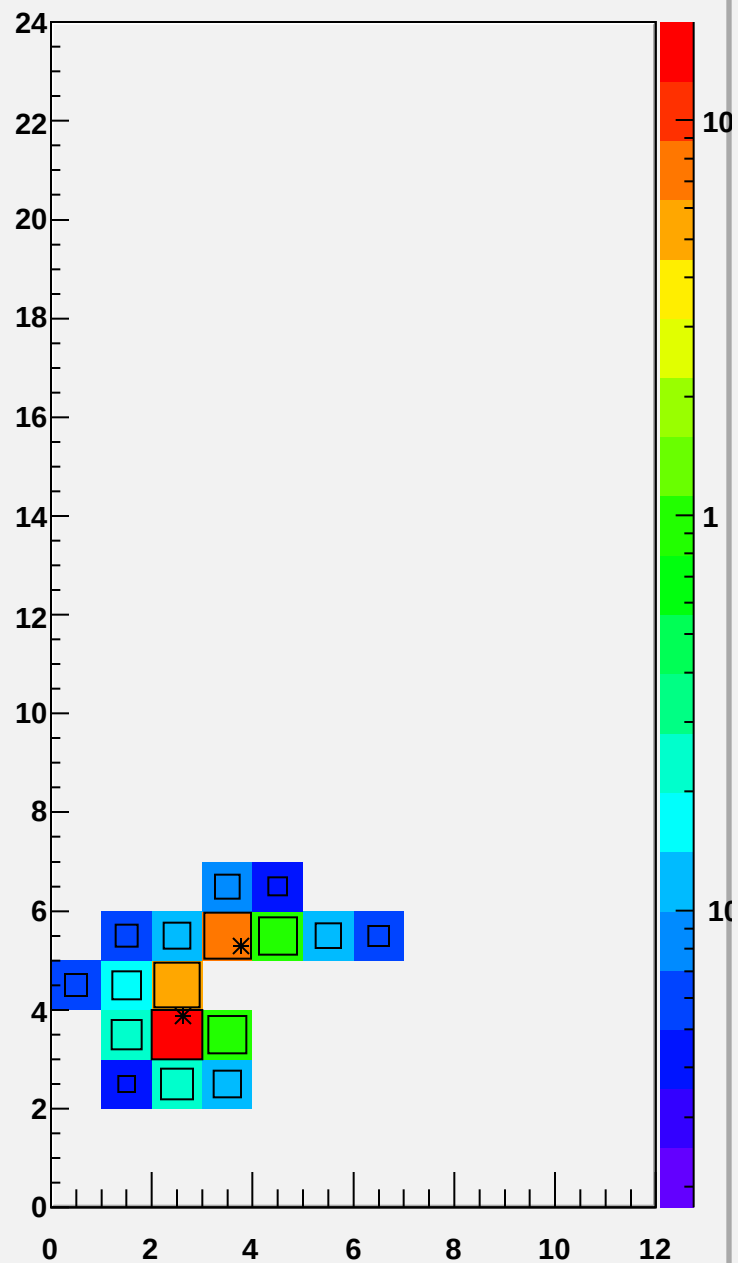
Mean x 3.254

Mean y 4.872

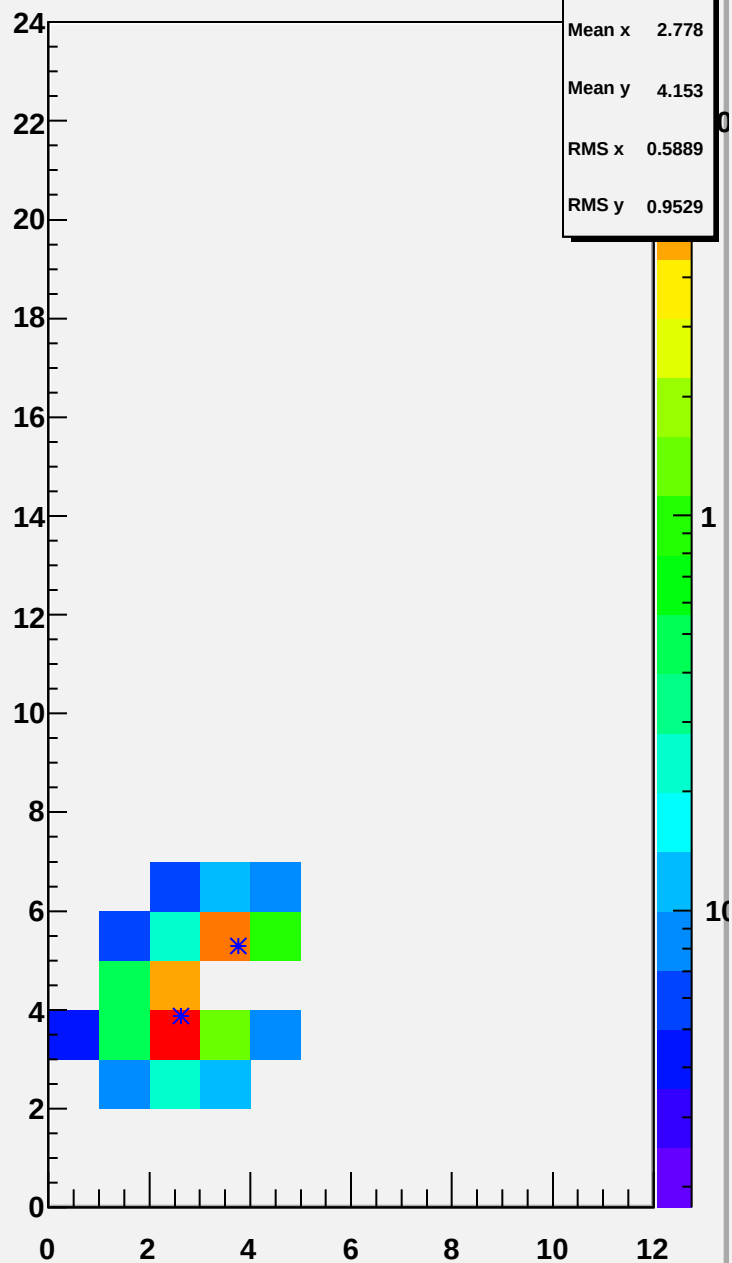
RMS x 1.546

RMS y 4.283

NSTB3_r4_c3_En=32.2_m0=0.152_m1=0.152_index=73



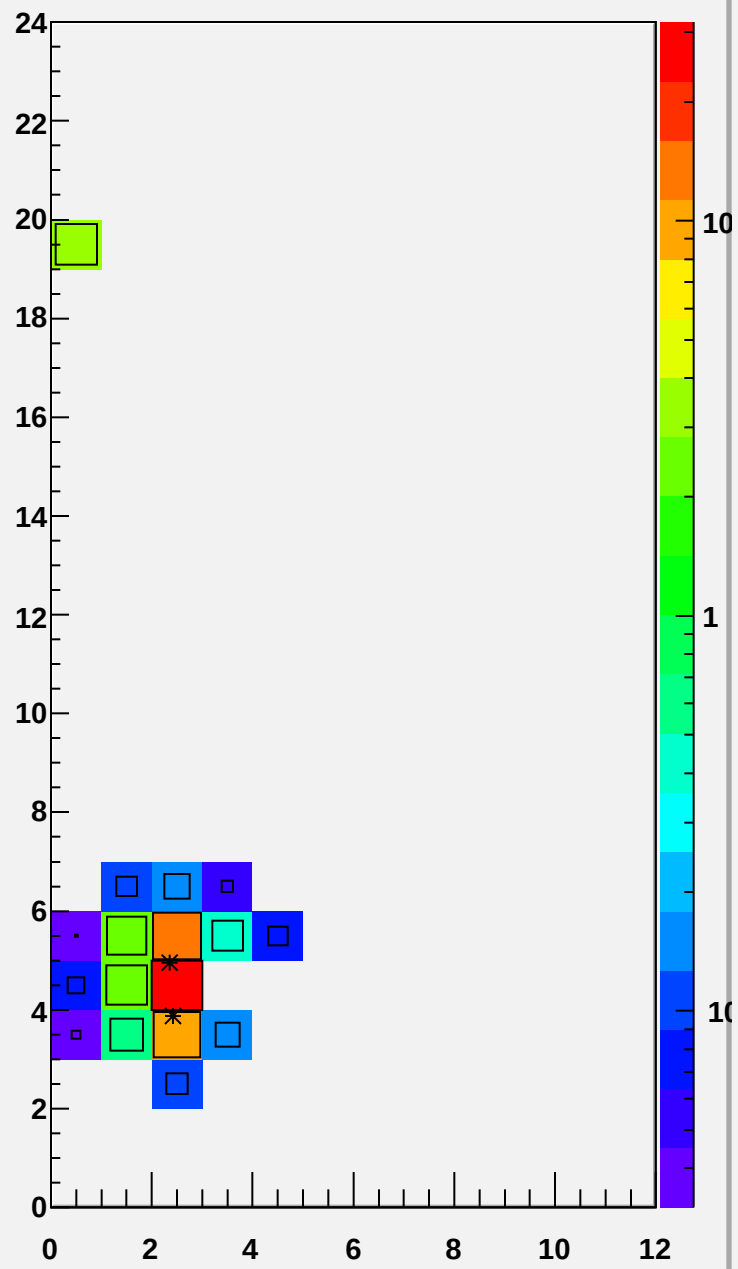
Fitted Energies



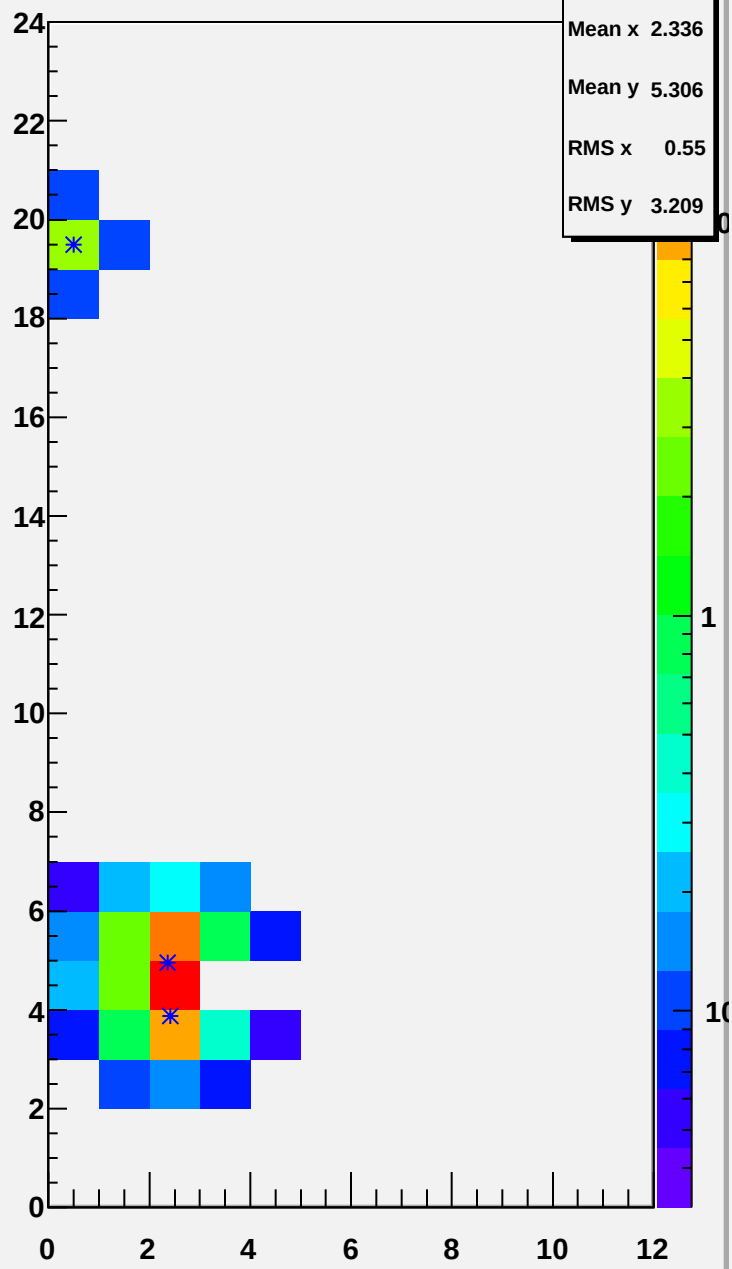
Efit

Entries	288
Mean x	2.778
Mean y	4.153
RMS x	0.5889
RMS y	0.9529

NSTB3_r4_c3_En=68.1_m0=0.165_m1=0.165_index=74



Fitted Energies



Efit

Entries 288

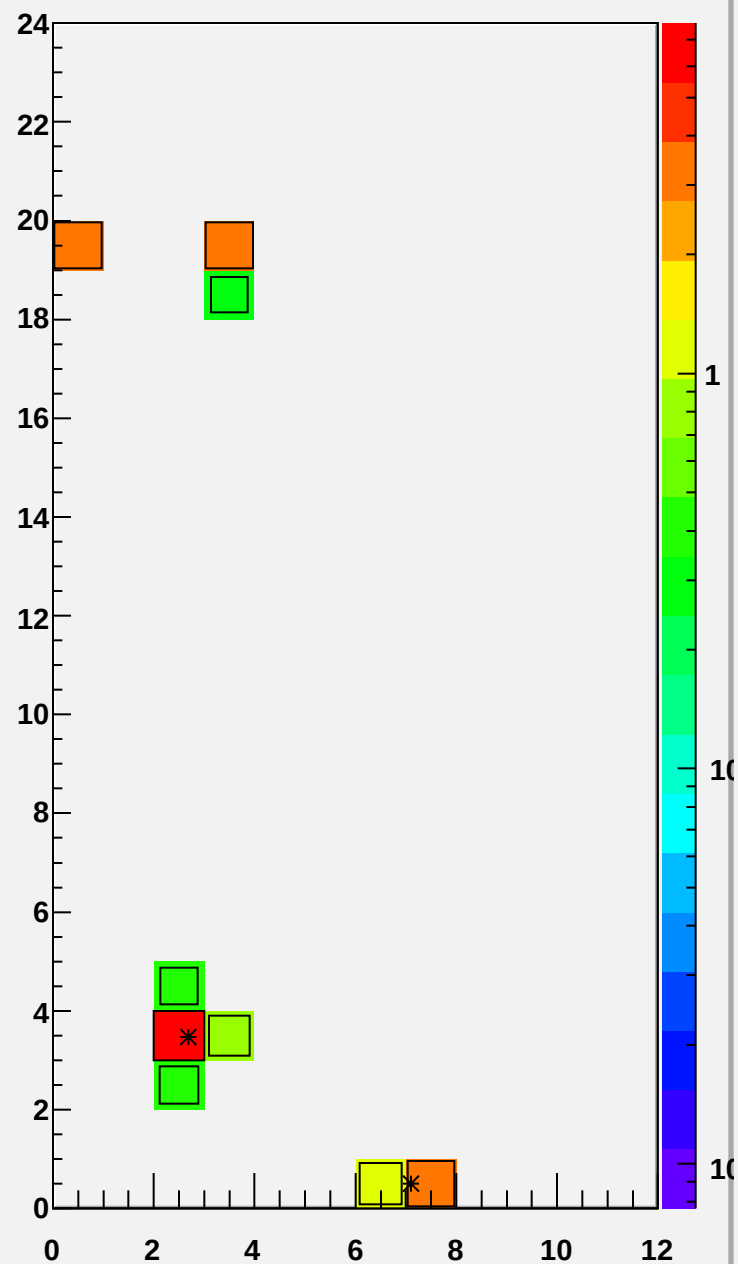
Mean x 2.336

Mean y 5.306

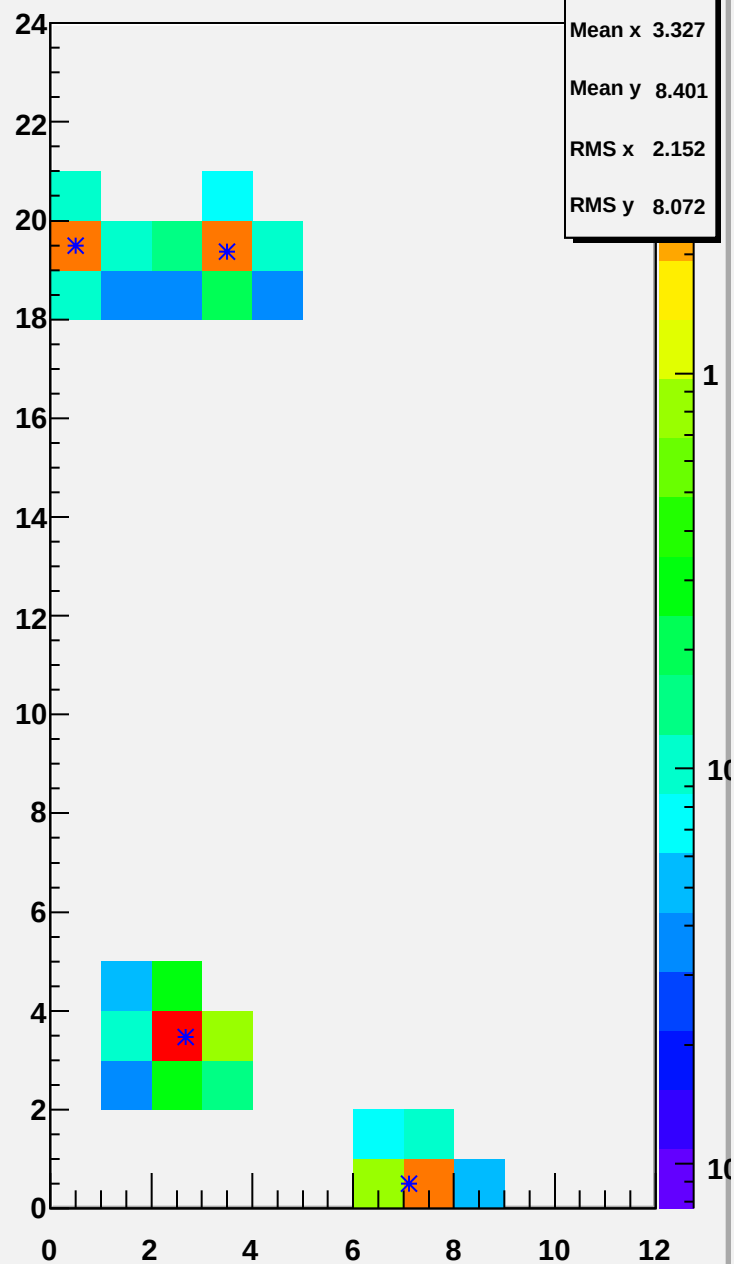
RMS x 0.55

RMS y 3.209

NSTB3_r4_c3_En=19.8_m0=0.188_m1=0.188_index=75



Fitted Energies



Efit

Entries 288

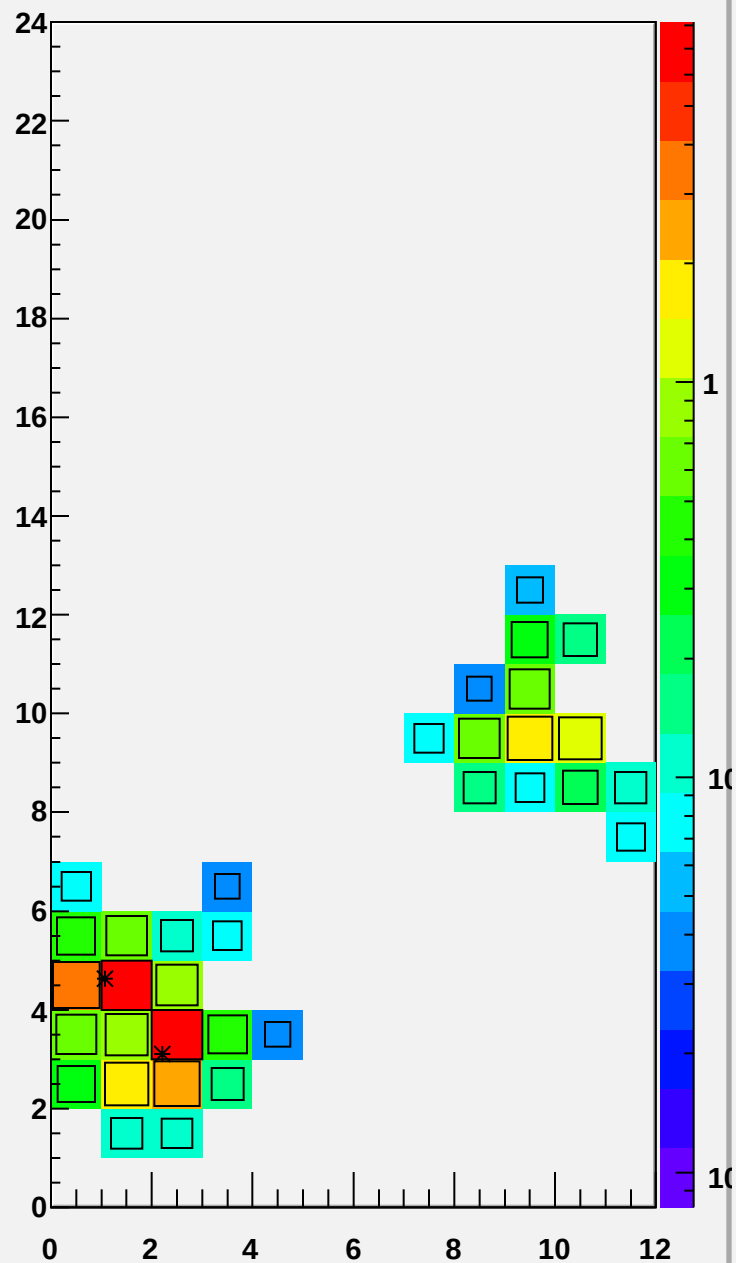
Mean x 3.327

Mean y 8.401

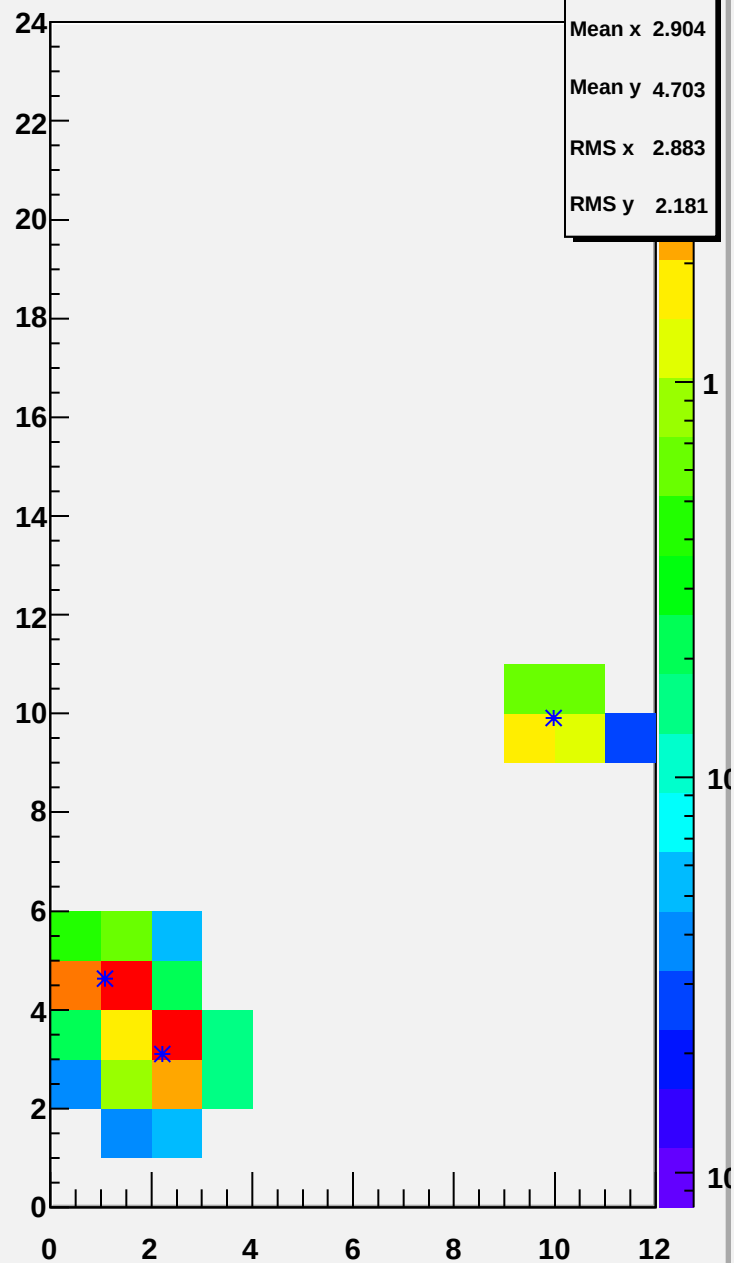
RMS x 2.152

RMS y 8.072

NSTB3_r4_c3_En=33.8_m0=0.138 m1=0.138 index=76



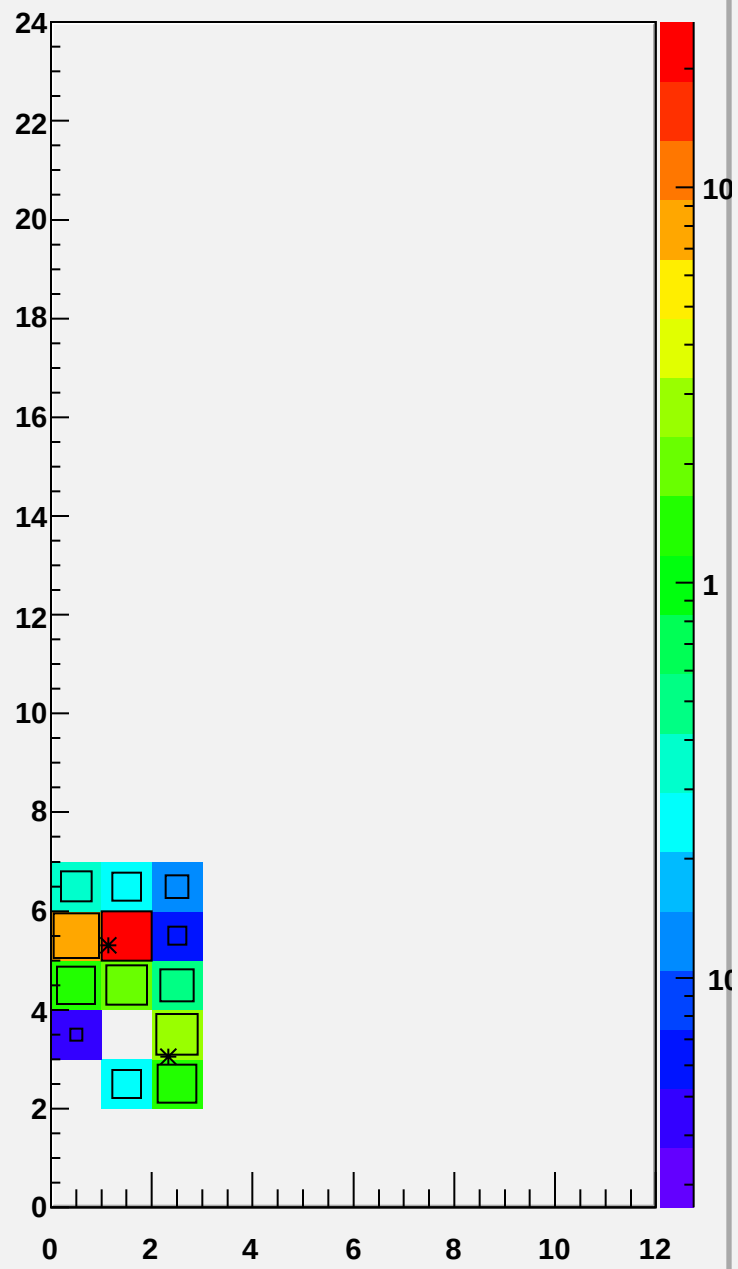
Fitted Energies



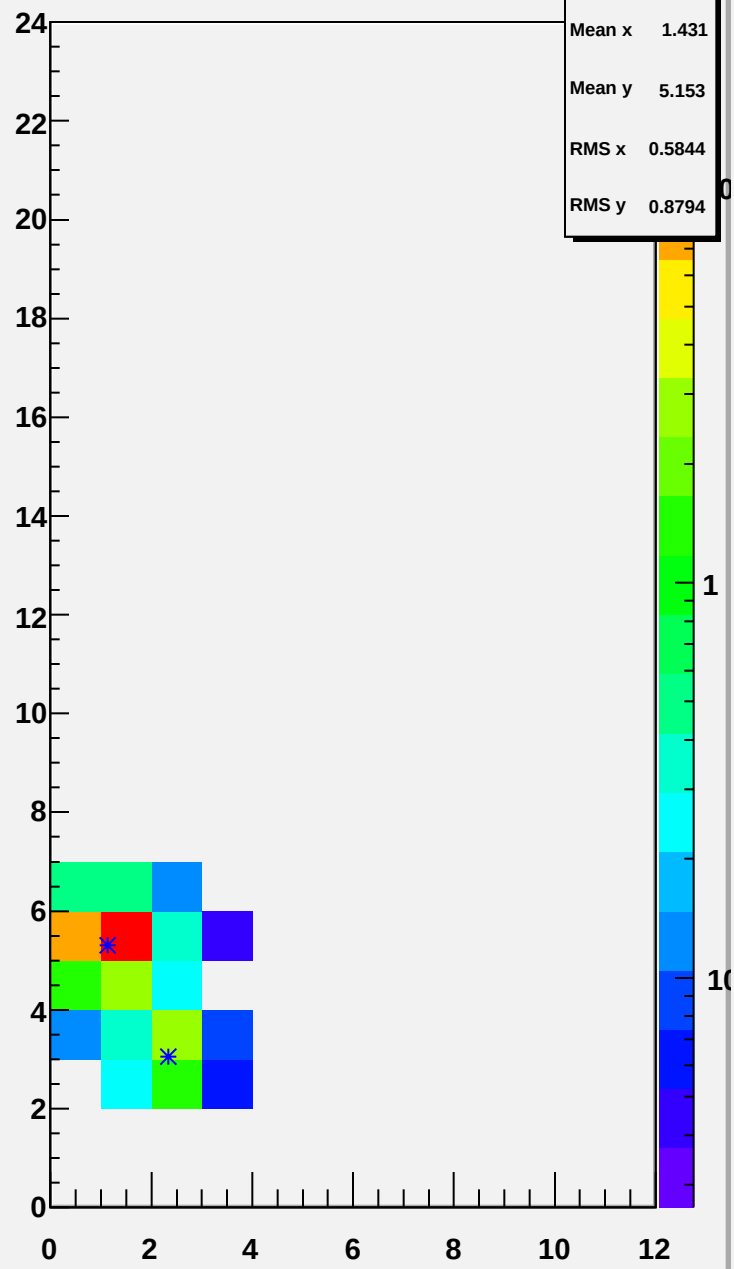
Efit

Entries 288
Mean x 2.904
Mean y 4.703
RMS x 2.883
RMS y 2.181

NSTB3_r4_c3_En=42.6_m0=0.203 m1=0.203 index=77



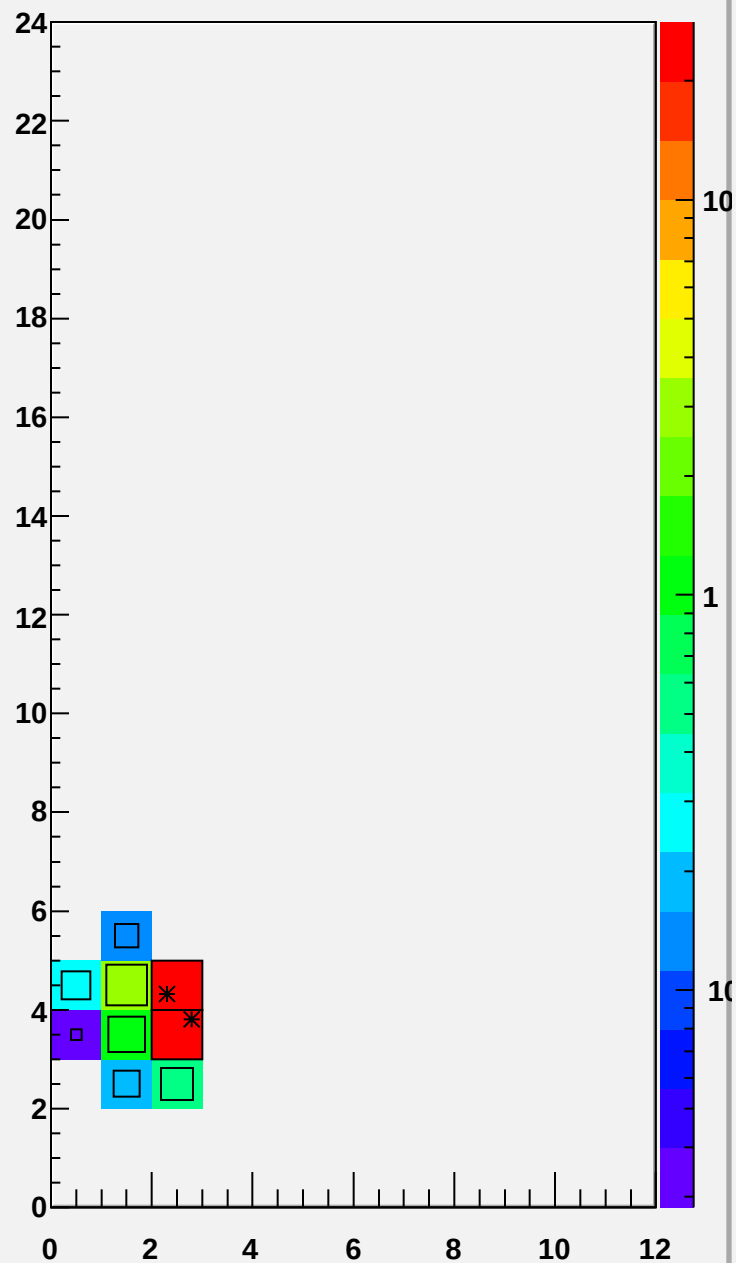
Fitted Energies



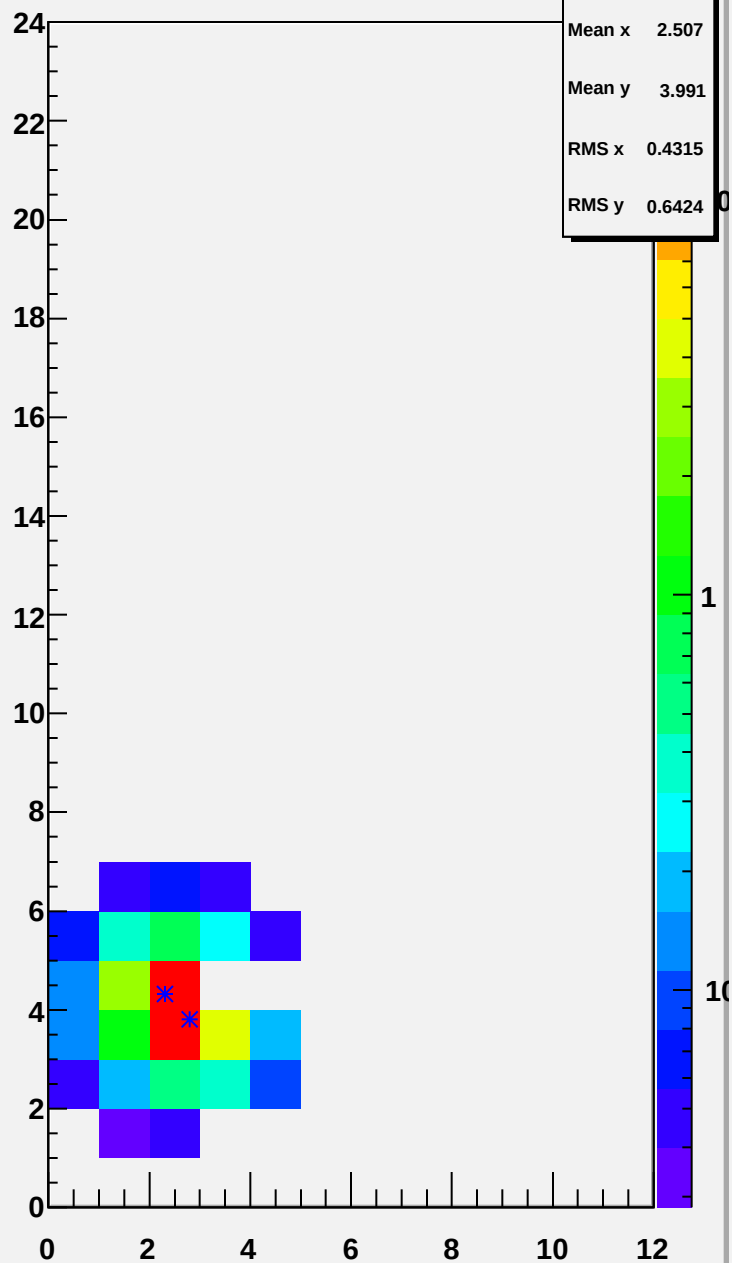
Efit

Entries	288
Mean x	1.431
Mean y	5.153
RMS x	0.5844
RMS y	0.8794

NSTB3_r4_c3_En=61.2_m0=0.134_m1=0.134_index=78



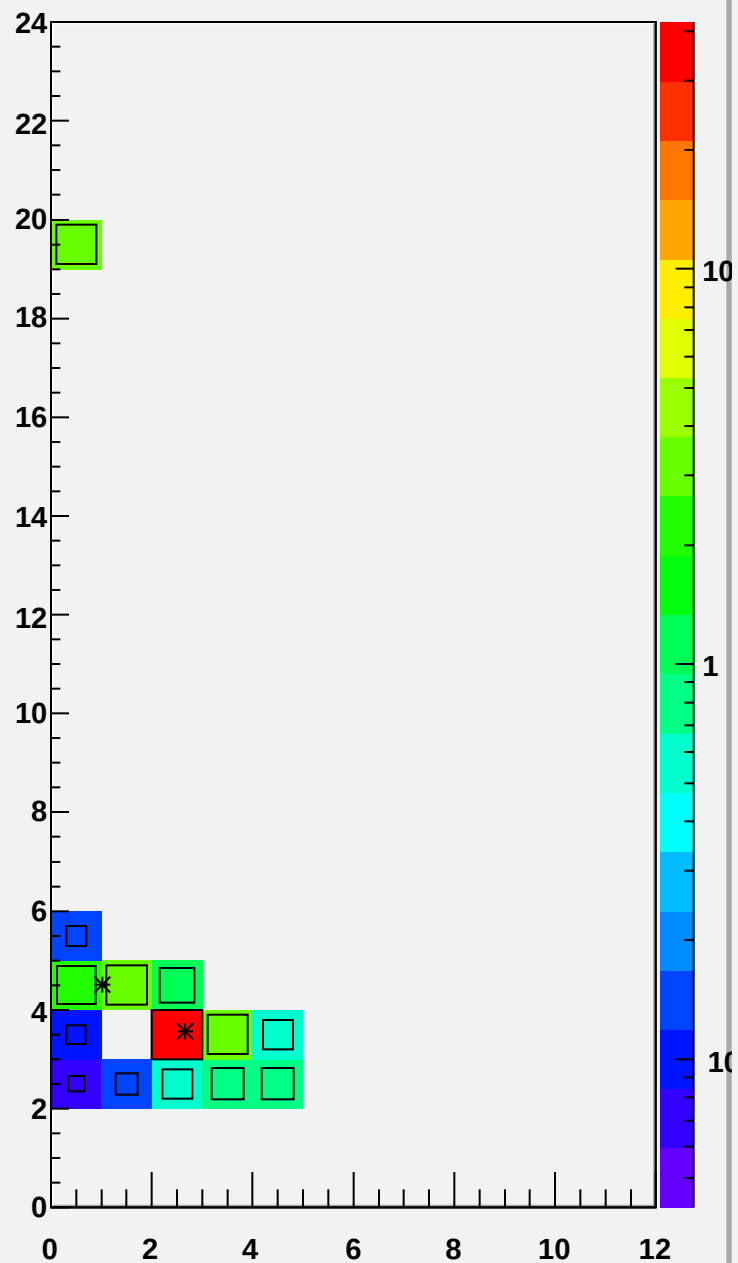
Fitted Energies



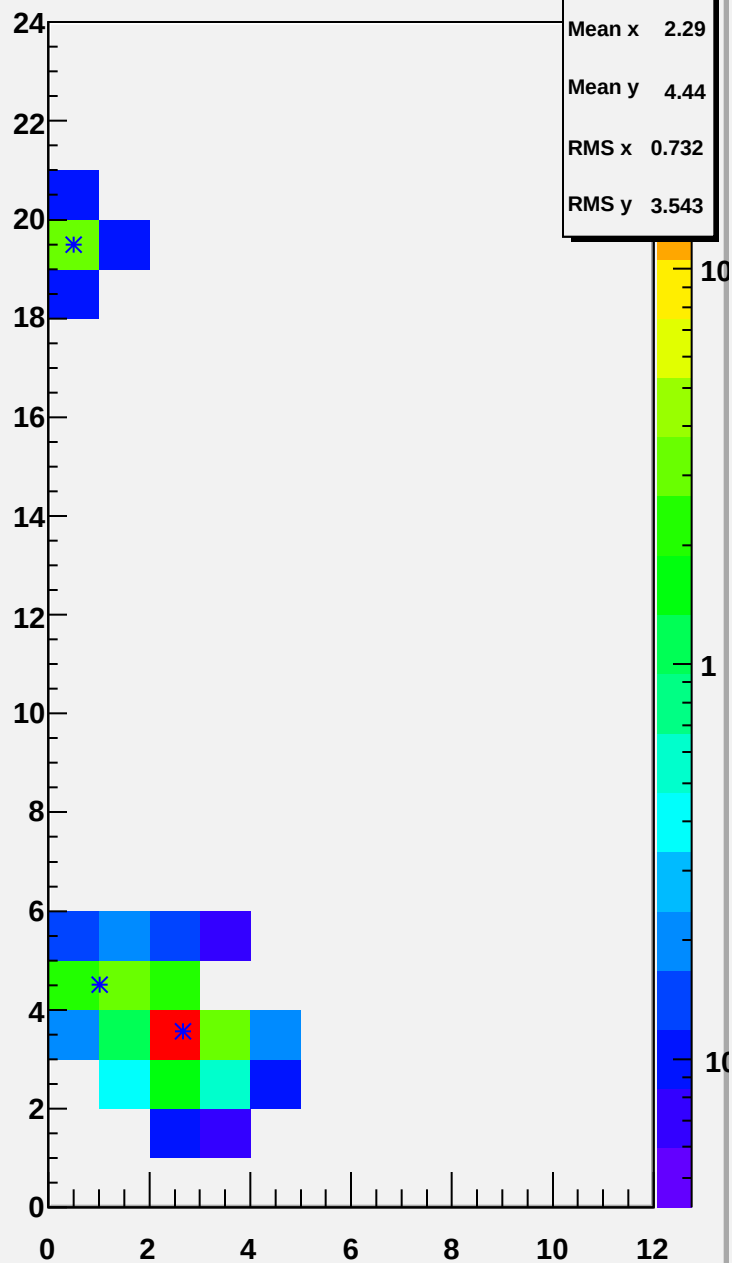
Efit

Entries	288
Mean x	2.507
Mean y	3.991
RMS x	0.4315
RMS y	0.6424

NSTB3_r4_c3_En=58.8_m0=0.195_m1=0.195_index=79



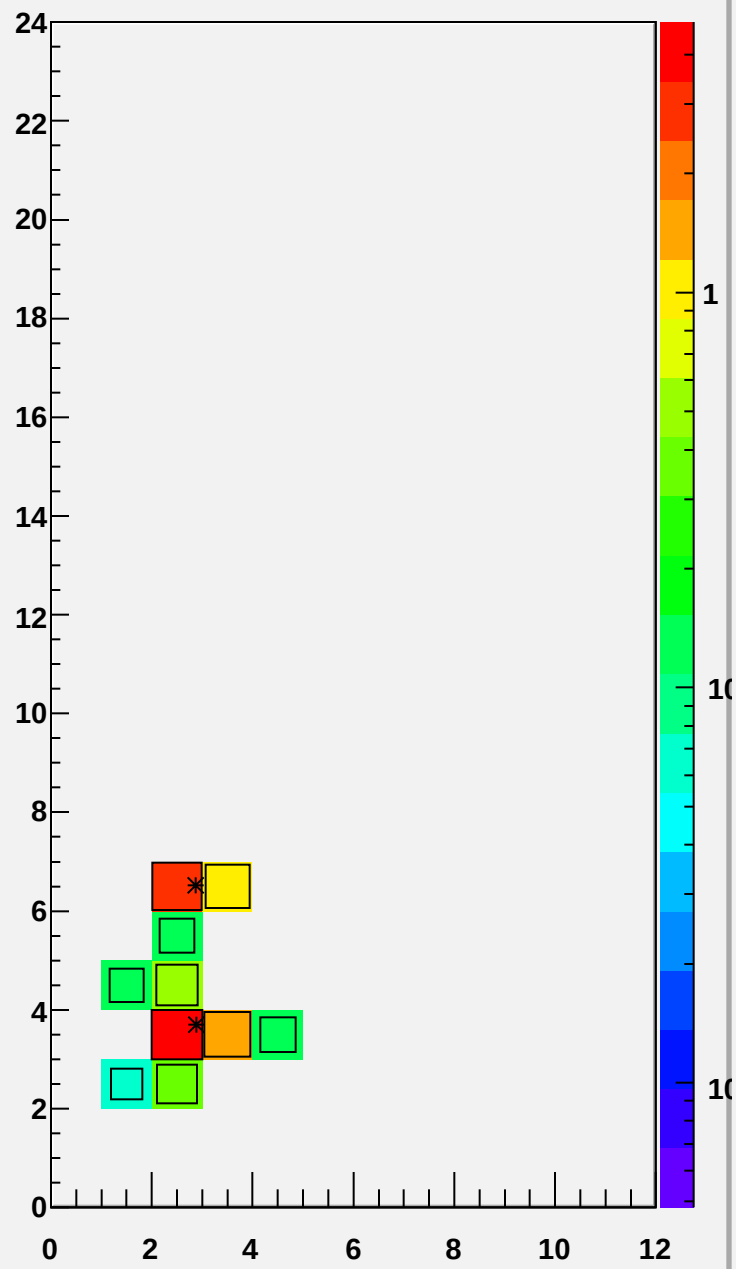
Fitted Energies



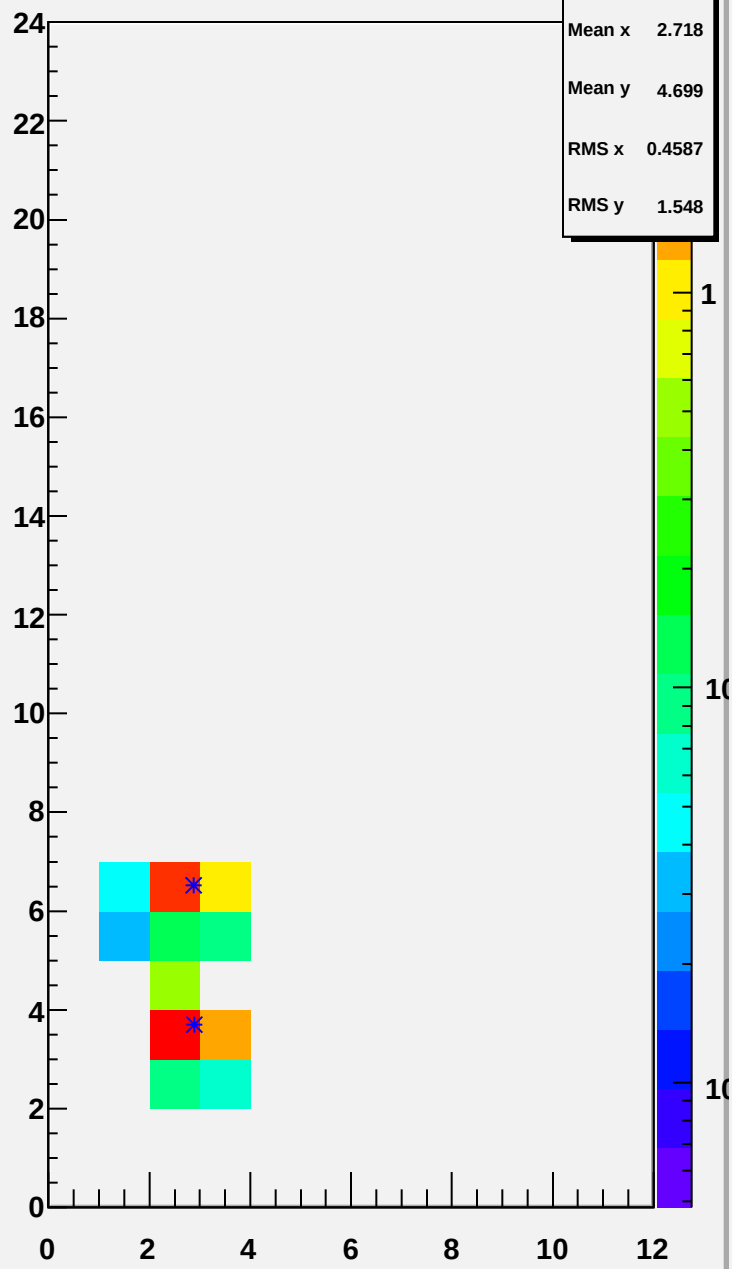
Efit

Entries	288
Mean x	2.29
Mean y	4.44
RMS x	0.732
RMS y	3.543

NSTB3_r4_c3_En=11.7_m0=0.092 m1=0.092 index=80



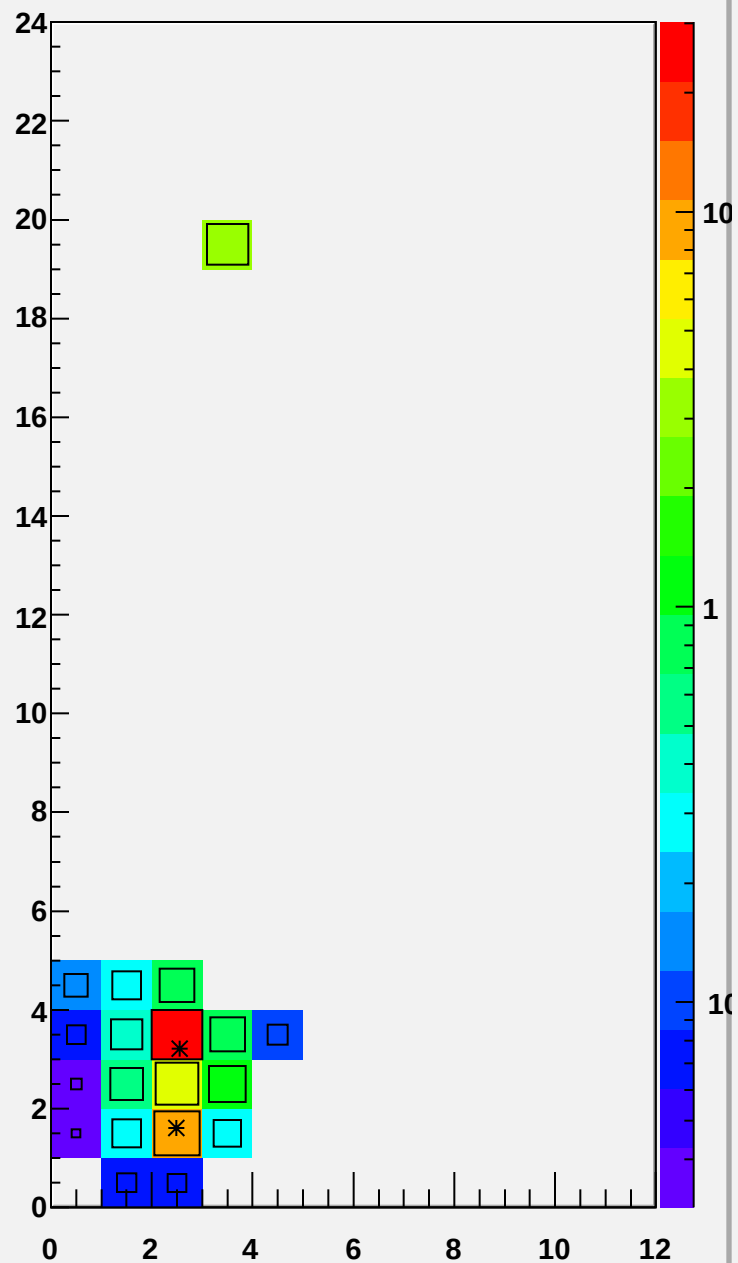
Fitted Energies



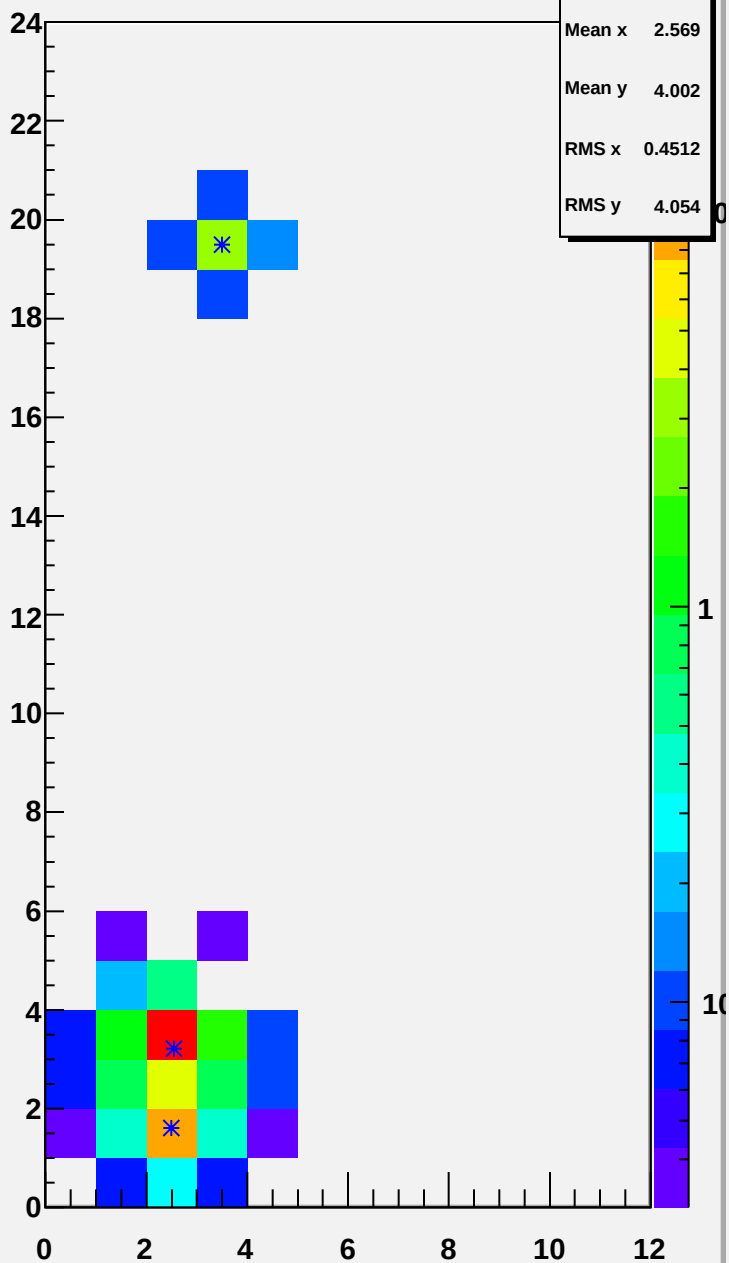
Efit

Entries	288
Mean x	2.718
Mean y	4.699
RMS x	0.4587
RMS y	1.548

NSTB3_r4_c3_En=51.2_m0=0.177 m1=0.177 index=81



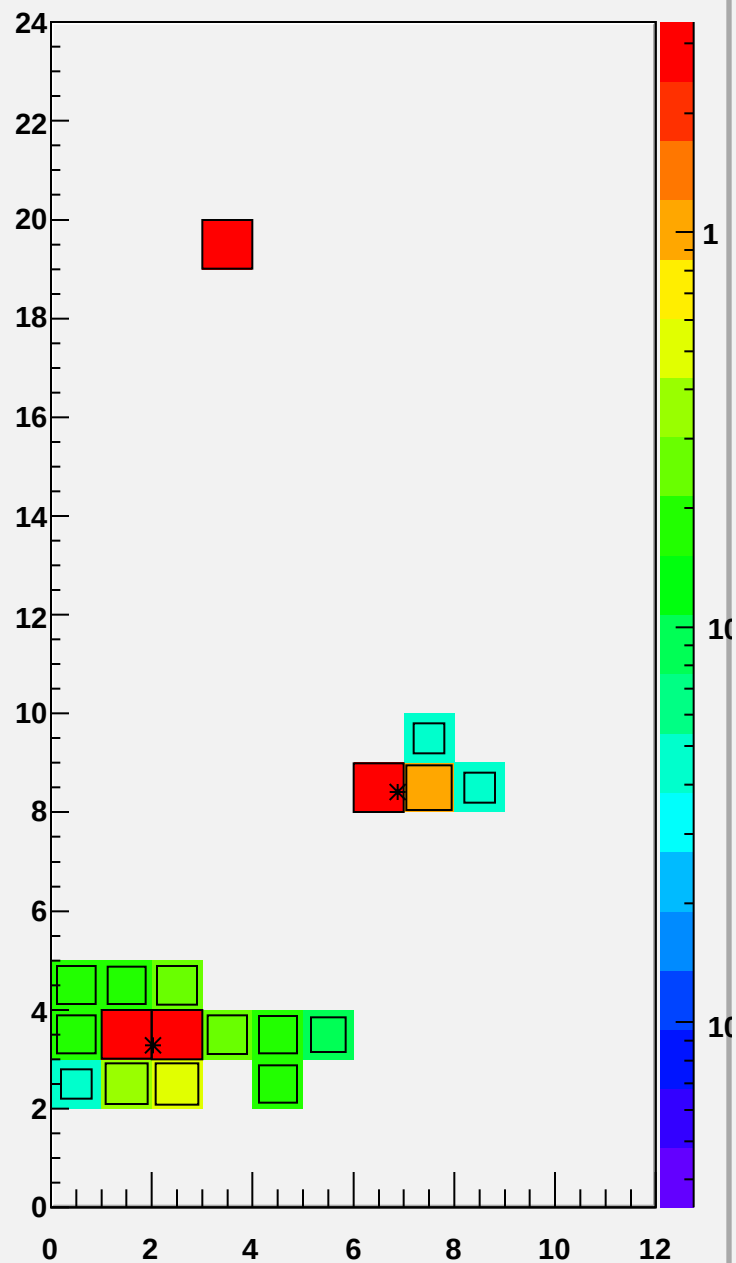
Fitted Energies



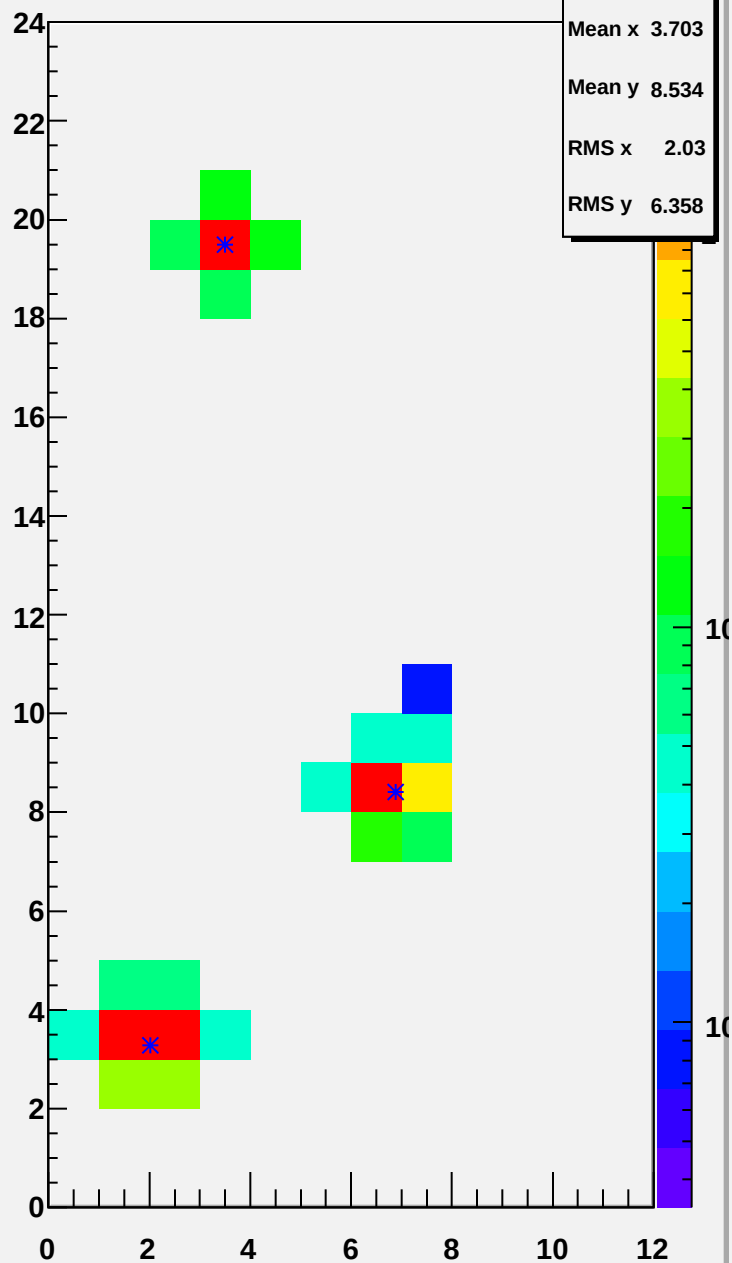
Efit

Entries	288
Mean x	2.569
Mean y	4.002
RMS x	0.4512
RMS y	4.054

NSTB3_r4_c3_En=15.3_m0=0.214_m1=0.214_index=82



Fitted Energies



Efit

Entries 288

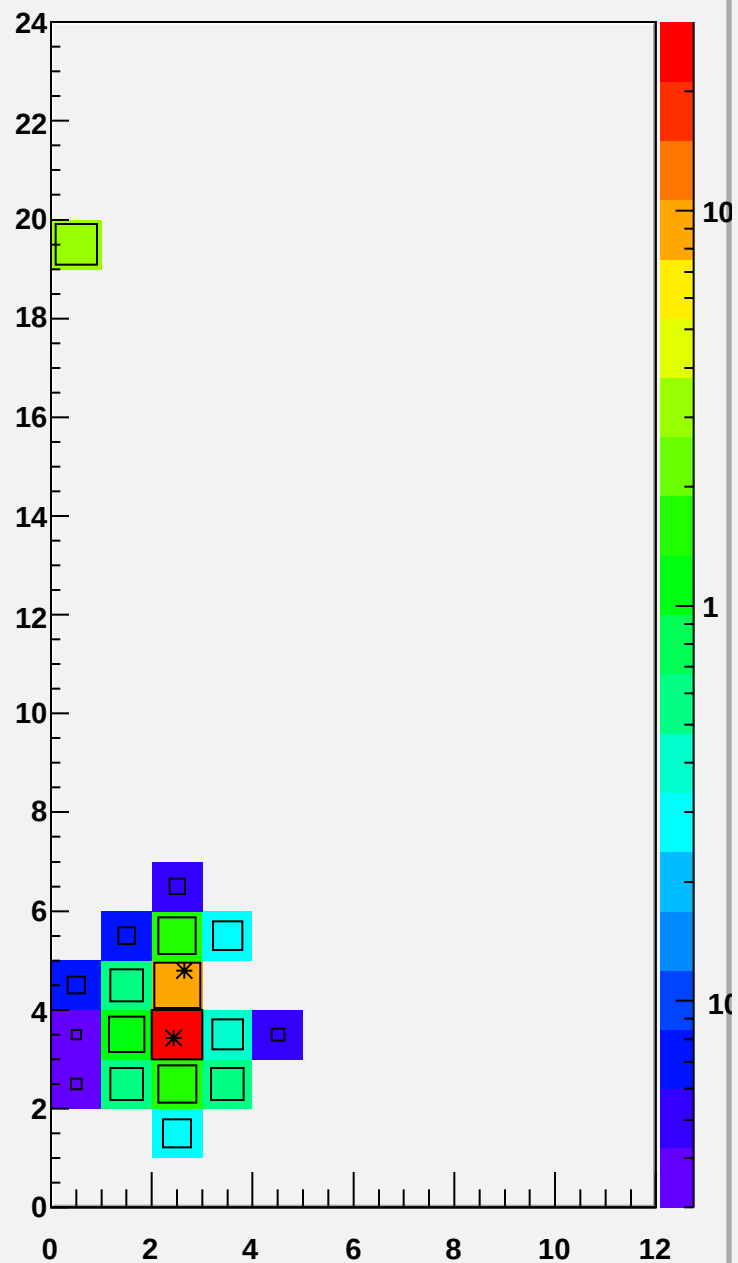
Mean x 3.703

Mean y 8.534

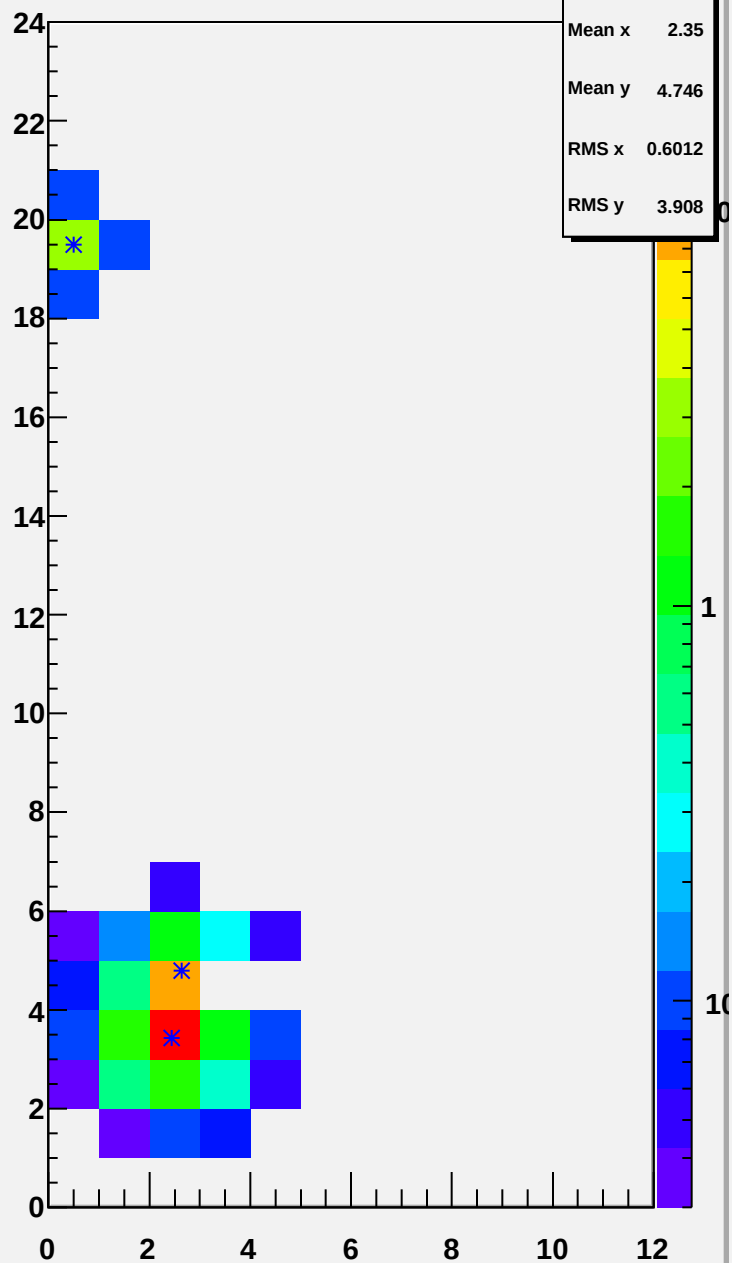
RMS x 2.03

RMS y 6.358

NSTB3_r4_c3_En=49.5_m0=0.152 m1=0.152 index=83



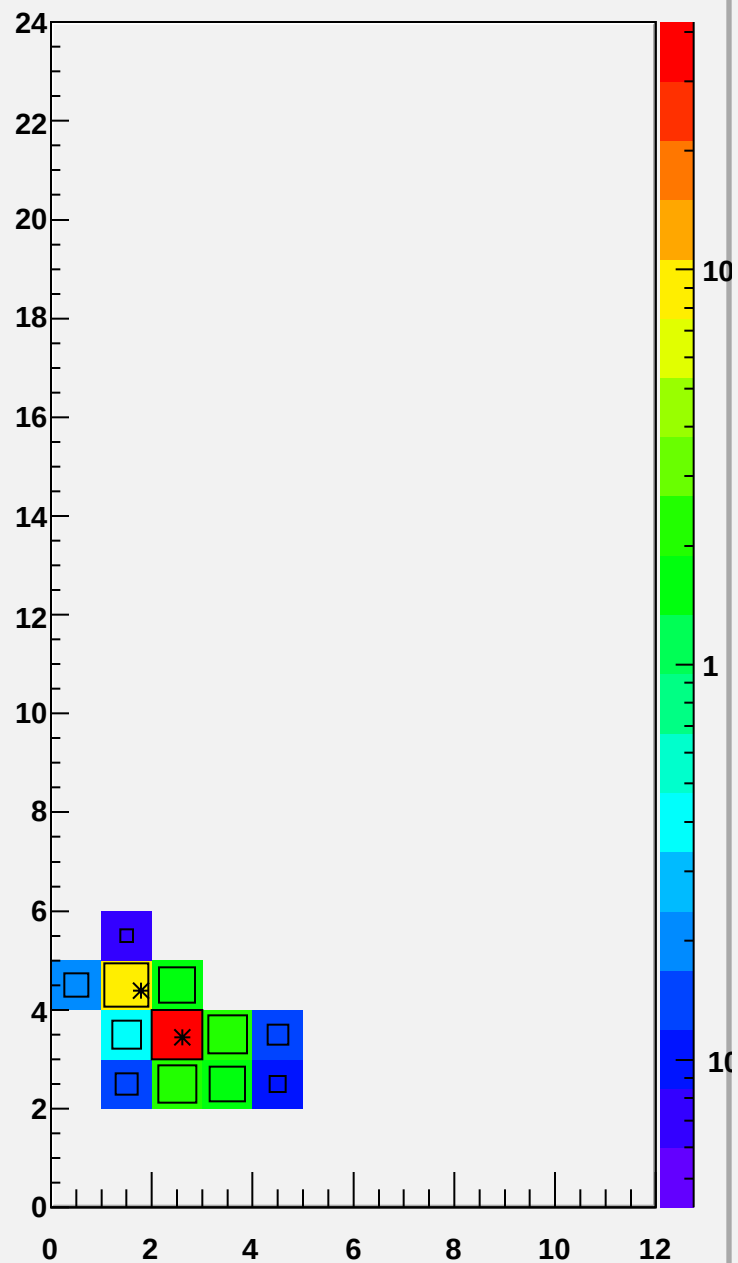
Fitted Energies



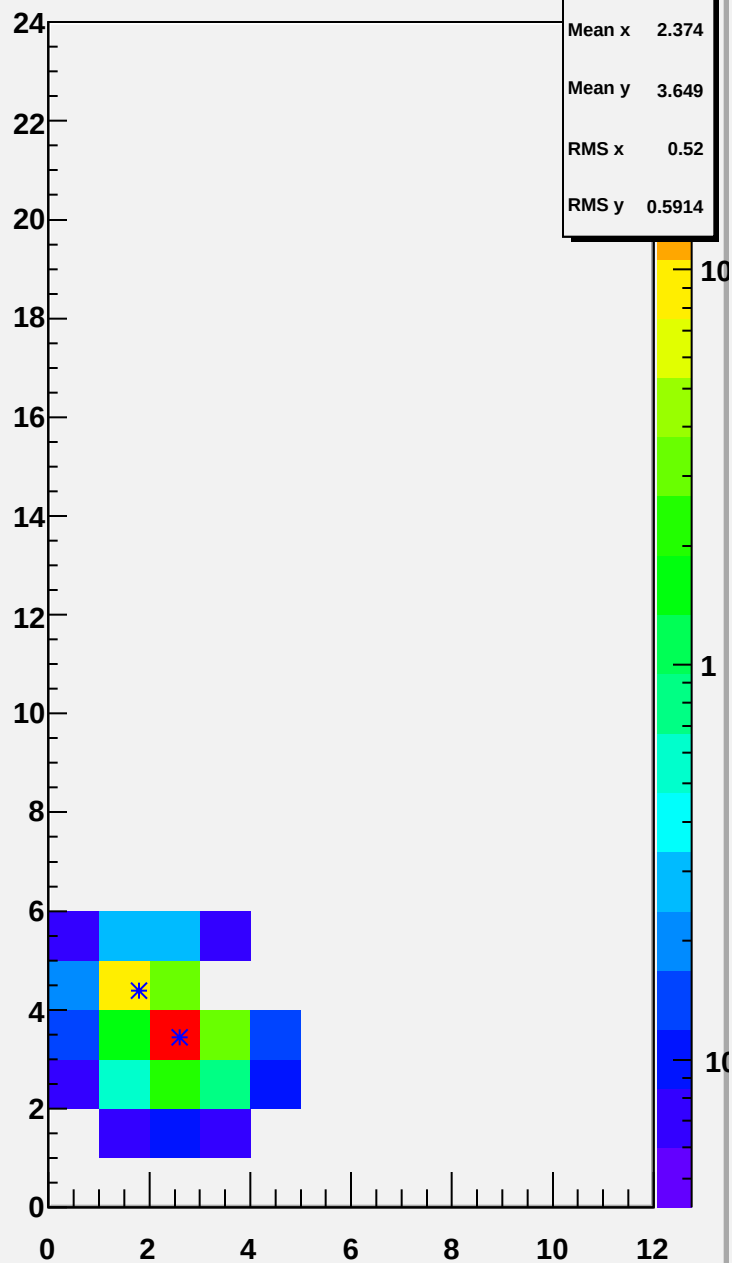
Efit

Entries	288
Mean x	2.35
Mean y	4.746
RMS x	0.6012
RMS y	3.908

NSTB3_r4_c3_En=59.0_m0=0.164 m1=0.164 index=84



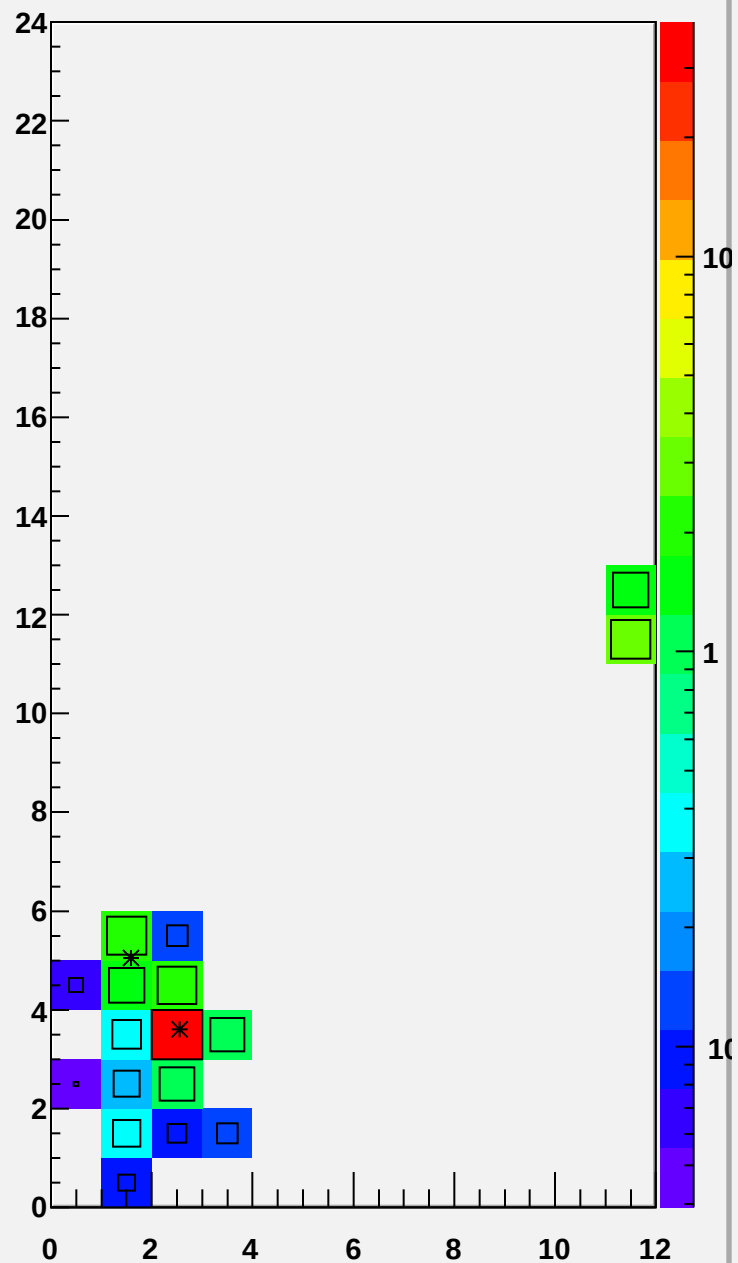
Fitted Energies



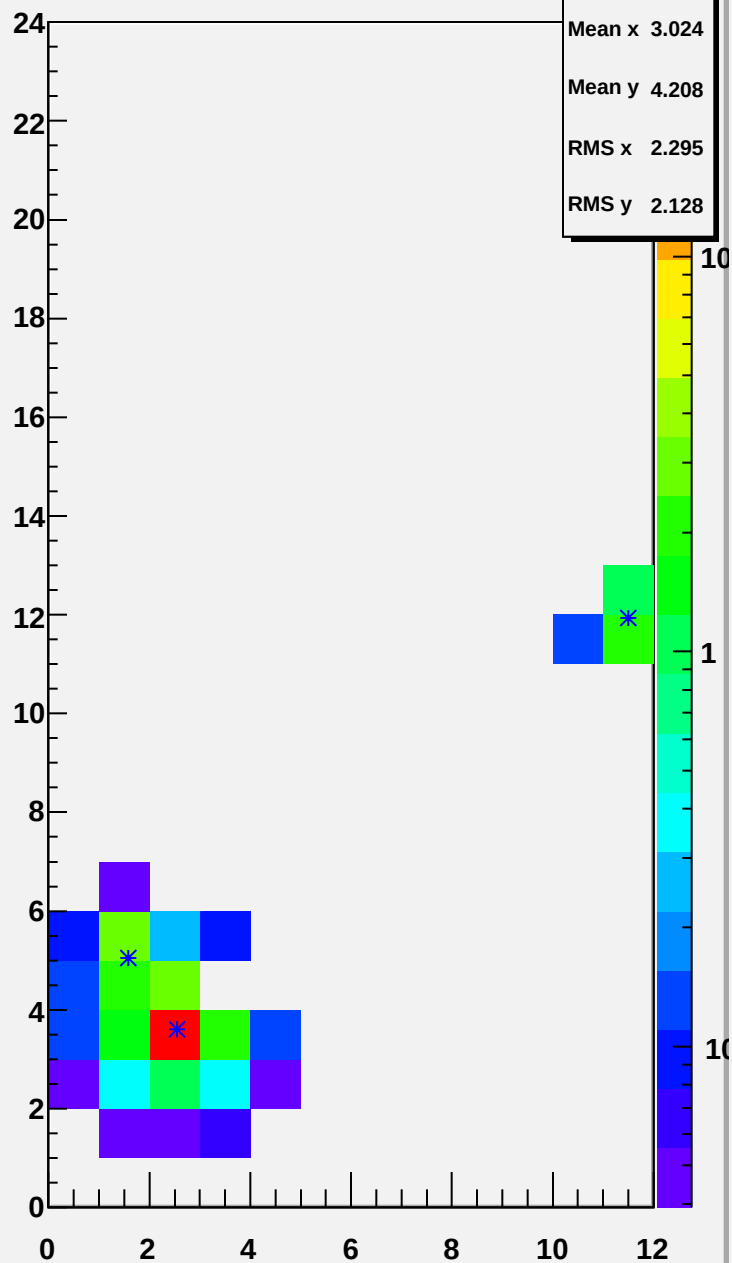
Efit

Entries	288
Mean x	2.374
Mean y	3.649
RMS x	0.52
RMS y	0.5914

NSTB3_r4_c3_En=52.4_m0=0.138 m1=0.138 index=87

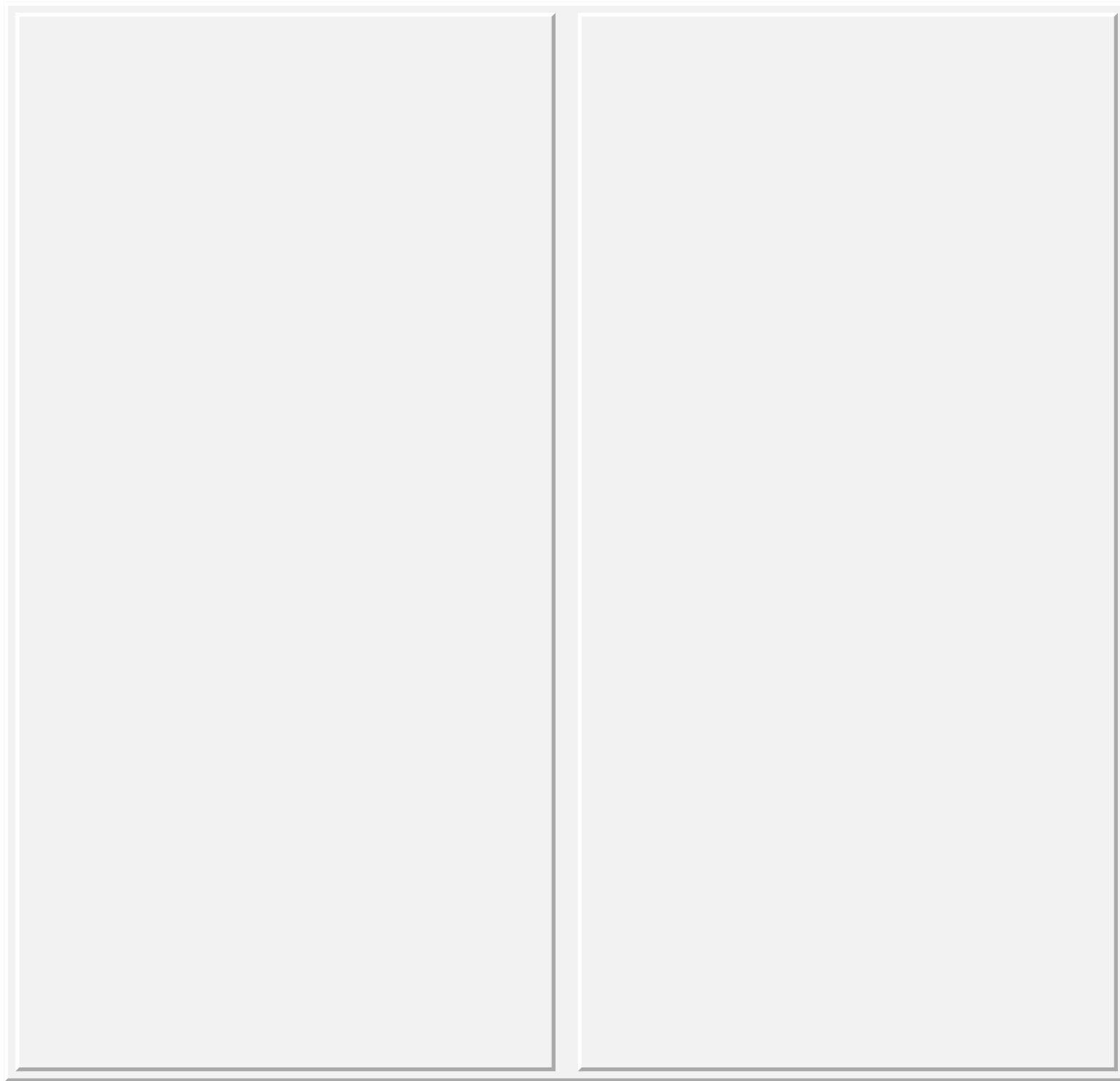


Fitted Energies

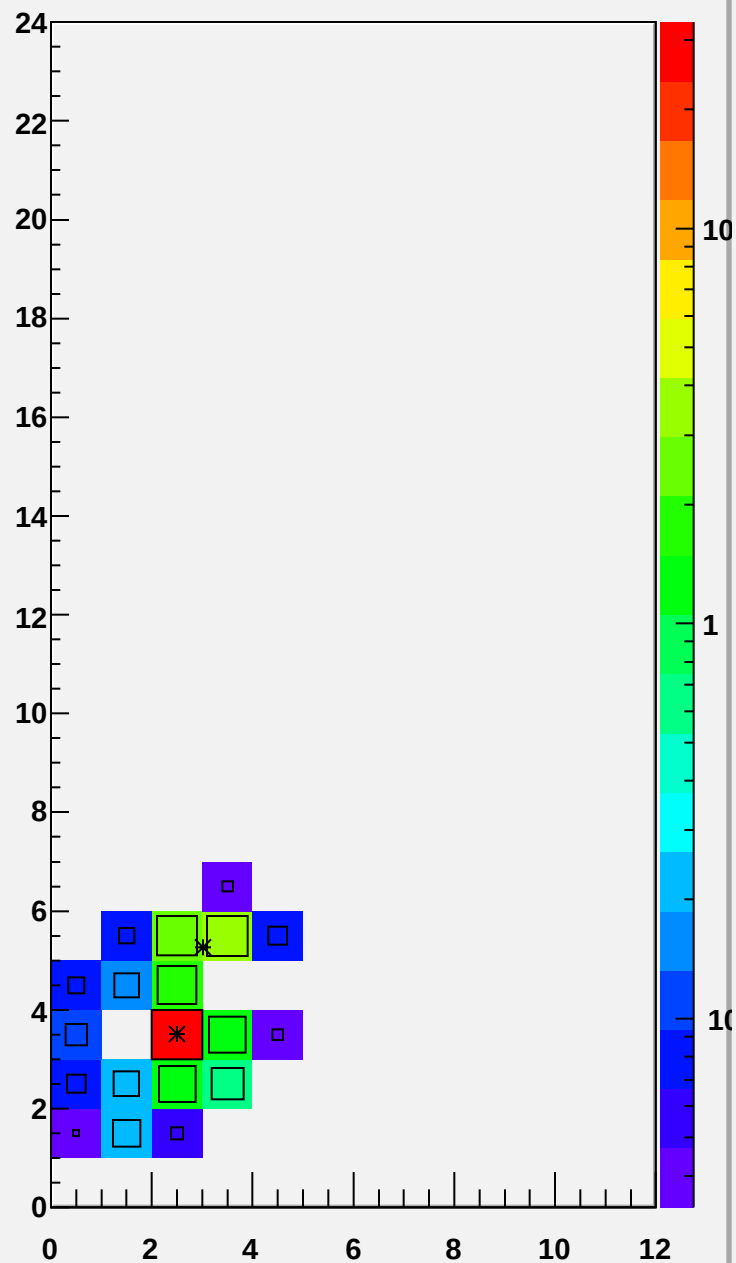


Efit

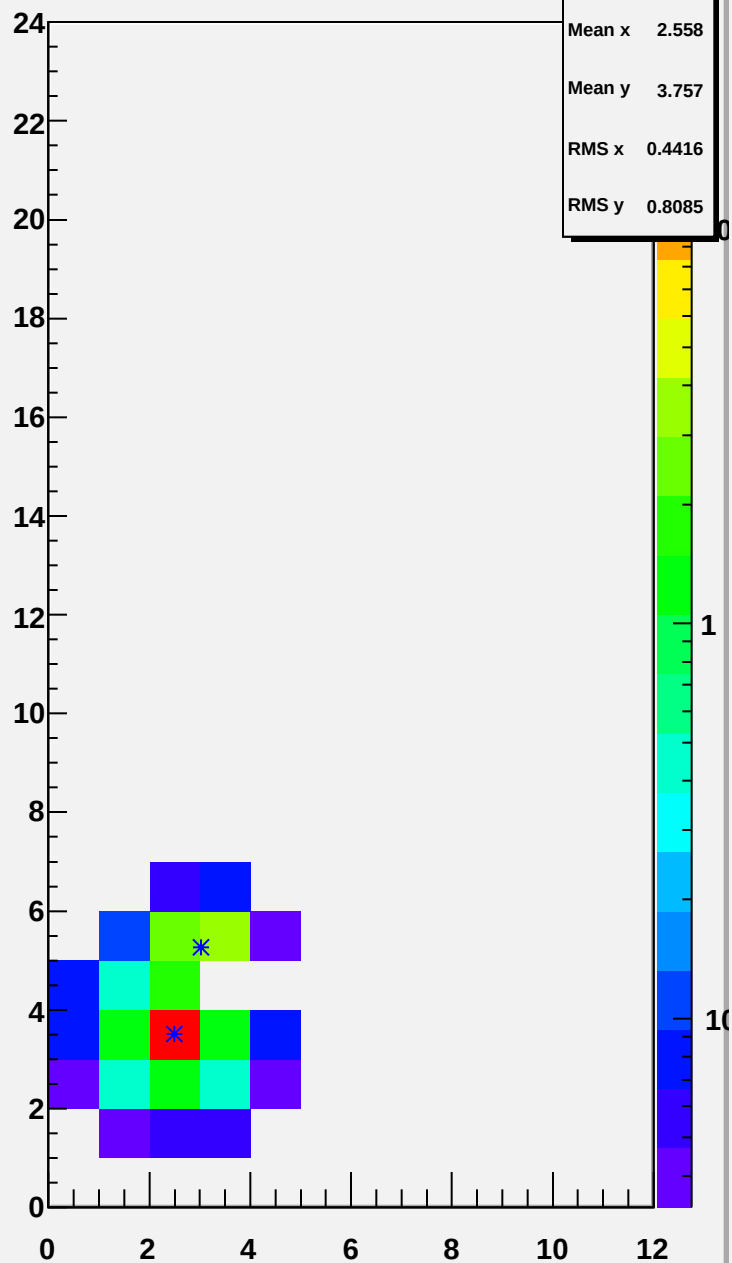
Entries 288
Mean x 3.024
Mean y 4.208
RMS x 2.295
RMS y 2.128



NSTB3_r4_c3_En=45.0_m0=0.162 m1=0.162 index=89



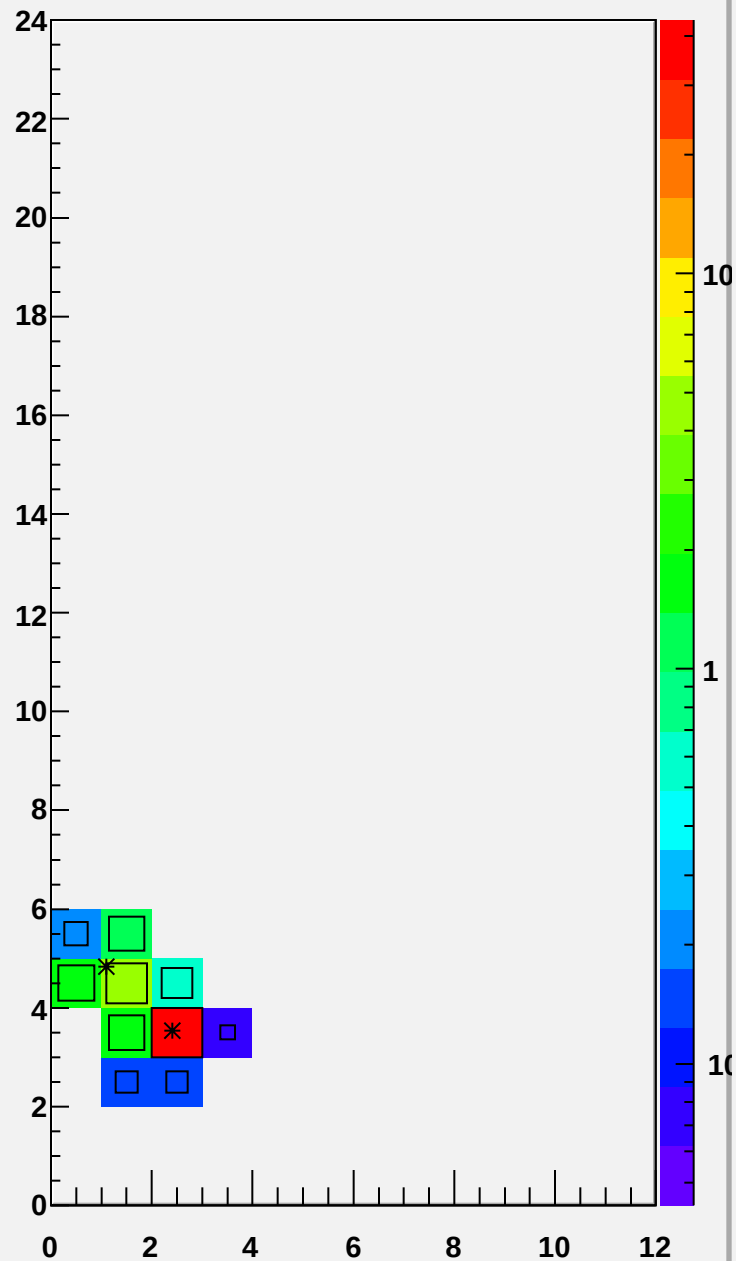
Fitted Energies



Efit

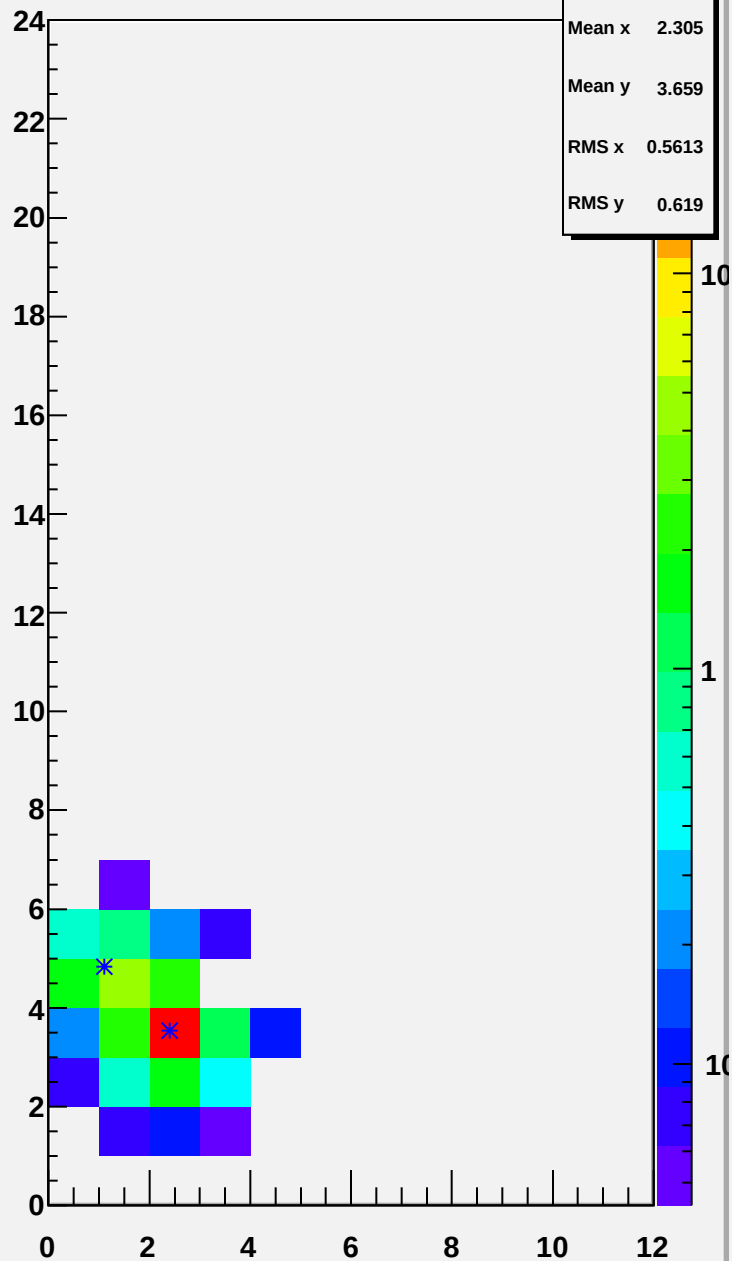
Entries	288
Mean x	2.558
Mean y	3.757
RMS x	0.4416
RMS y	0.8085

NSTB3_r4_c3_En=53.3_m0=0.193 m1=0.193 index=90

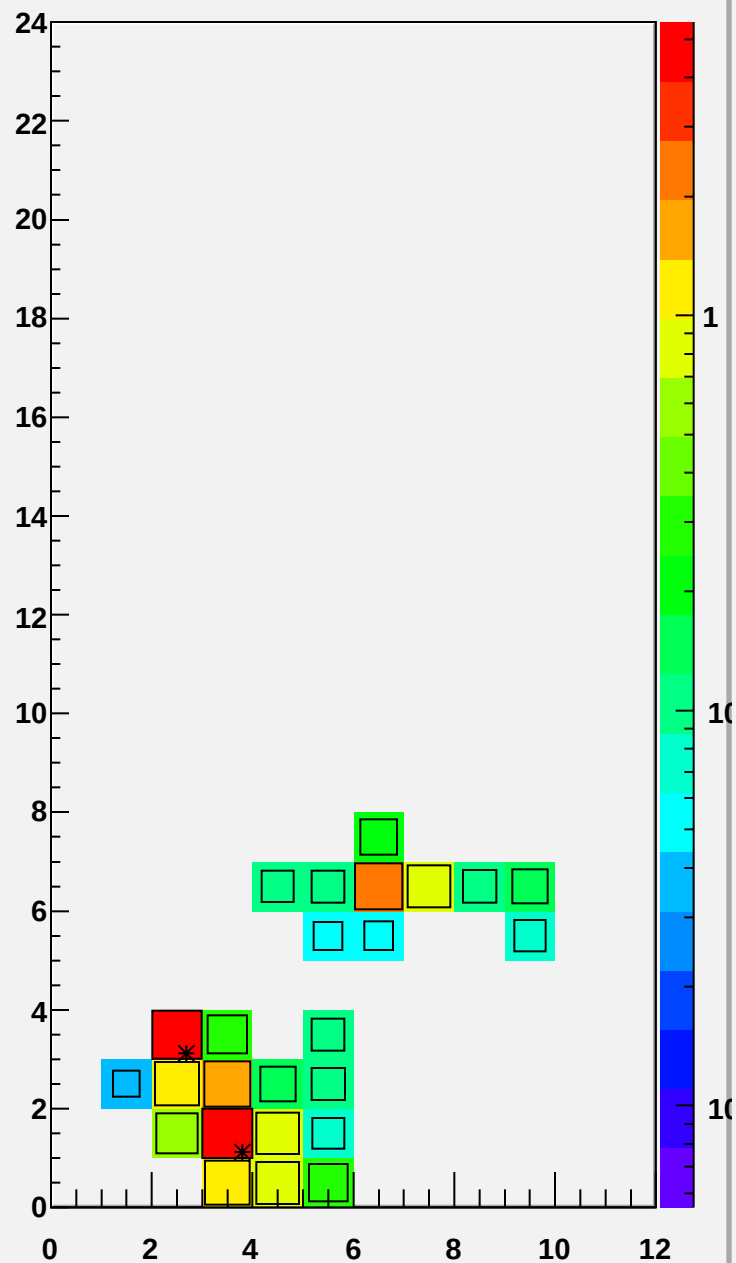


Fitted Energies

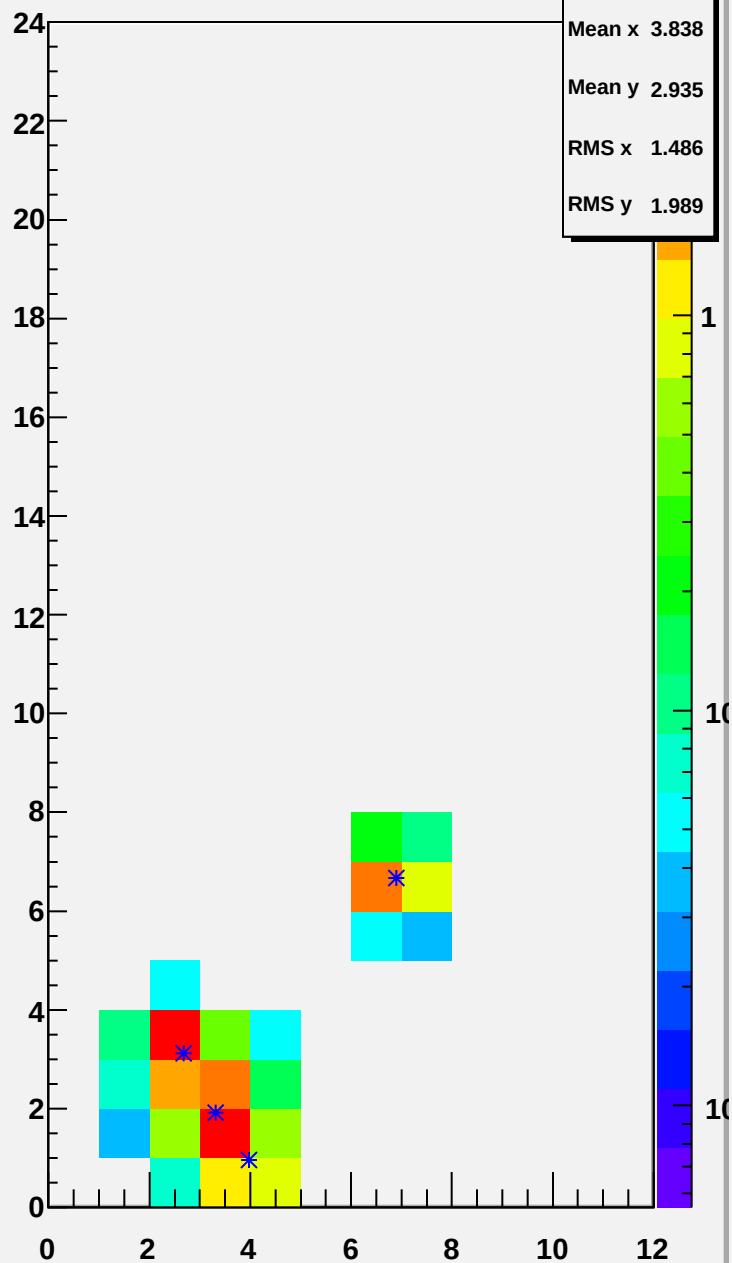
Efit	
Entries	288
Mean x	2.305
Mean y	3.659
RMS x	0.5613
RMS y	0.619



NSTB3_r4_c3_En=21.1_m0=0.095_m1=0.062_index=91



Fitted Energies



Efit

Entries 288

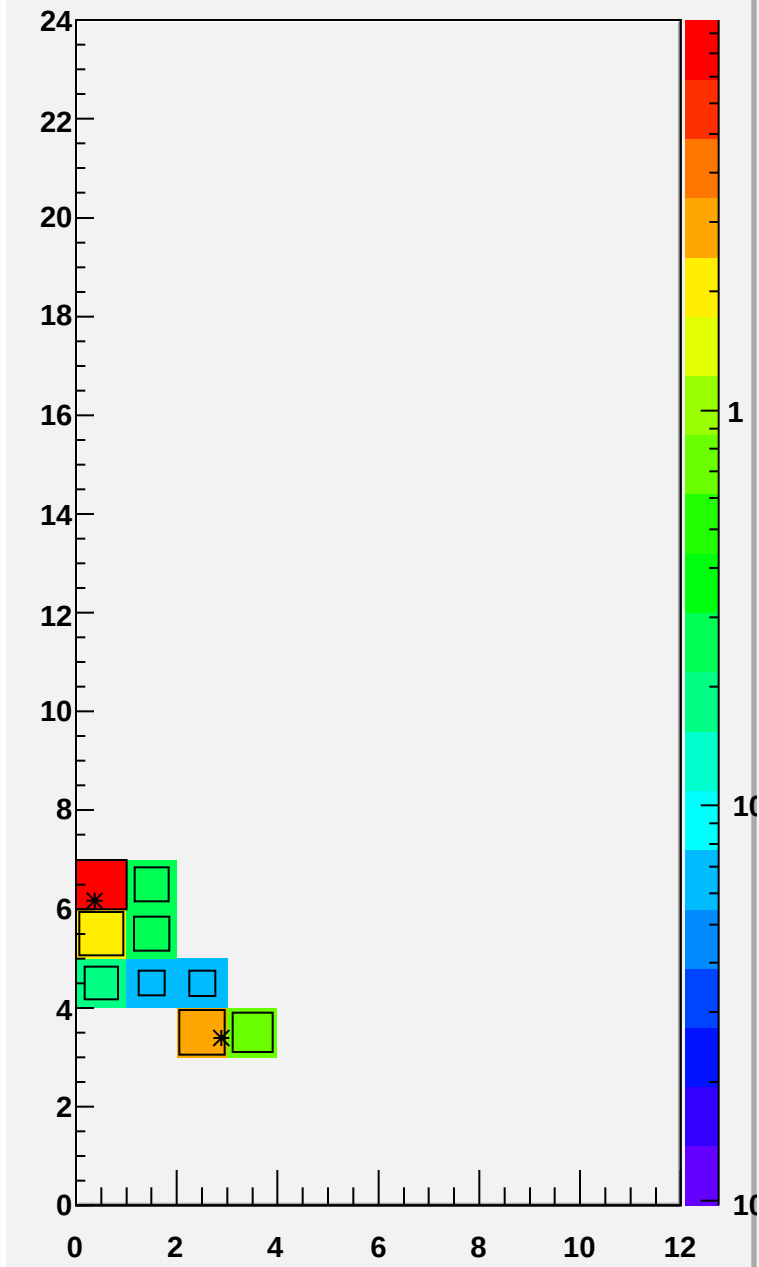
Mean x 3.838

Mean y 2.935

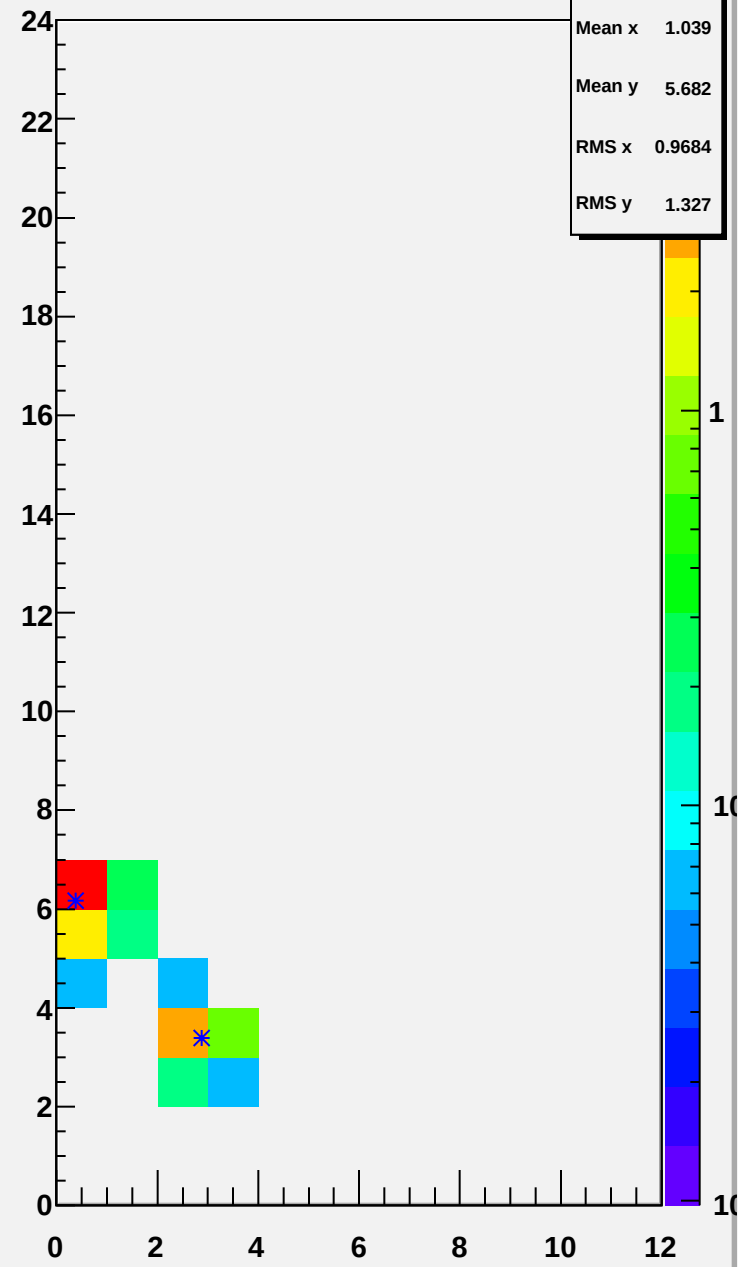
RMS x 1.486

RMS y 1.989

NSTB3_r4_c3_En=15.9_m0=0.149 m1=0.149 index=93



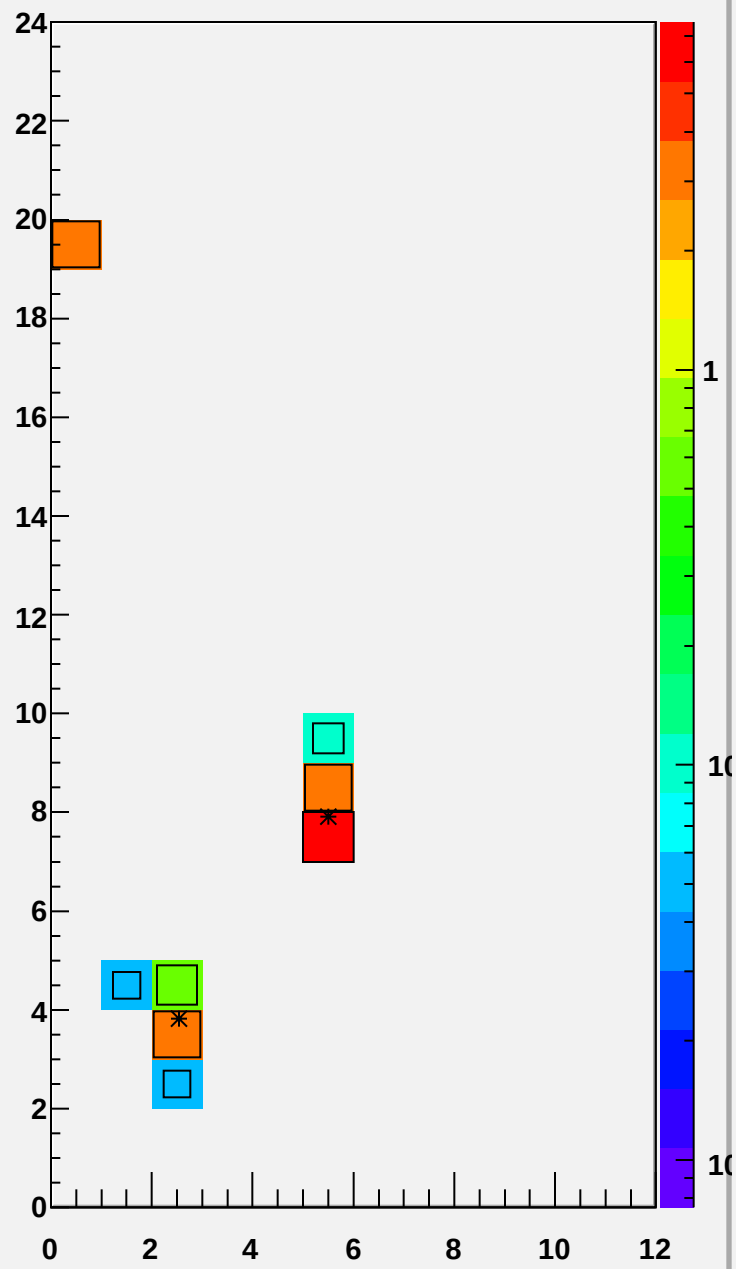
Fitted Energies



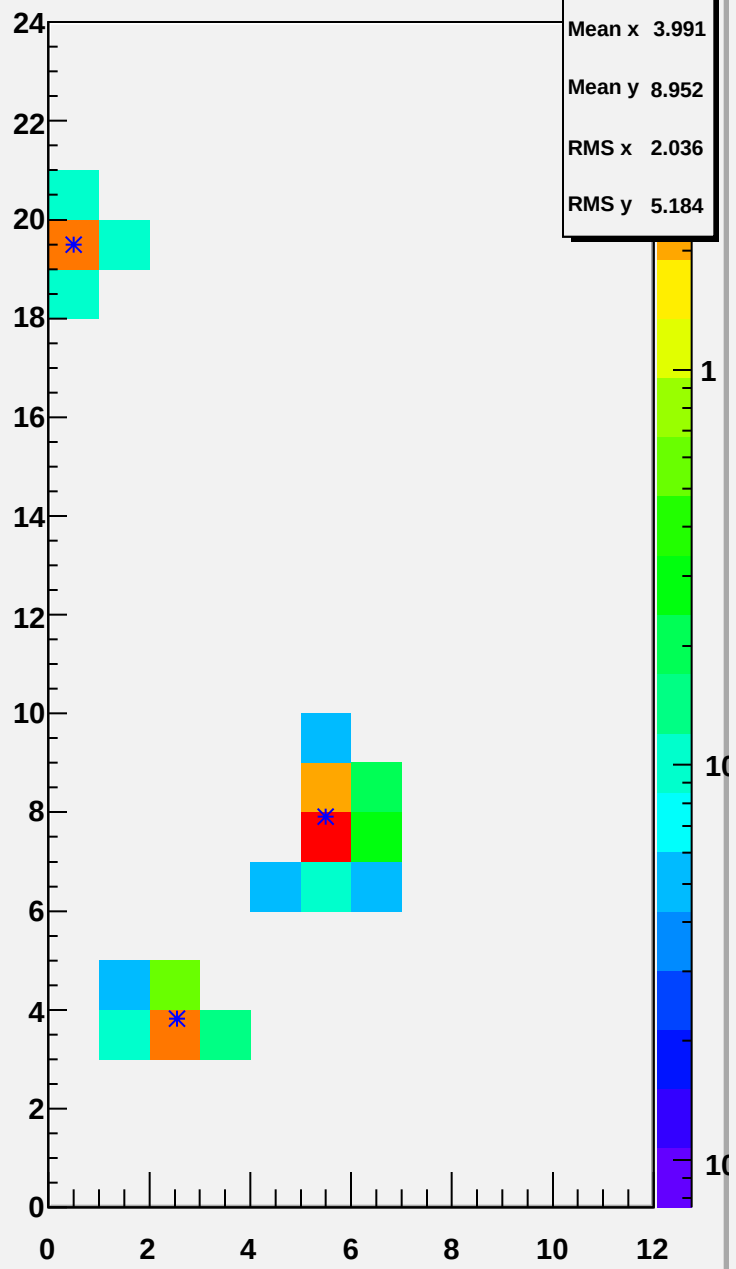
Efit

Entries	288
Mean x	1.039
Mean y	5.682
RMS x	0.9684
RMS y	1.327

NSTB3_r4_c3_En=17.7_m0=0.195_m1=0.195_index=94



Fitted Energies



Efit

Entries 288

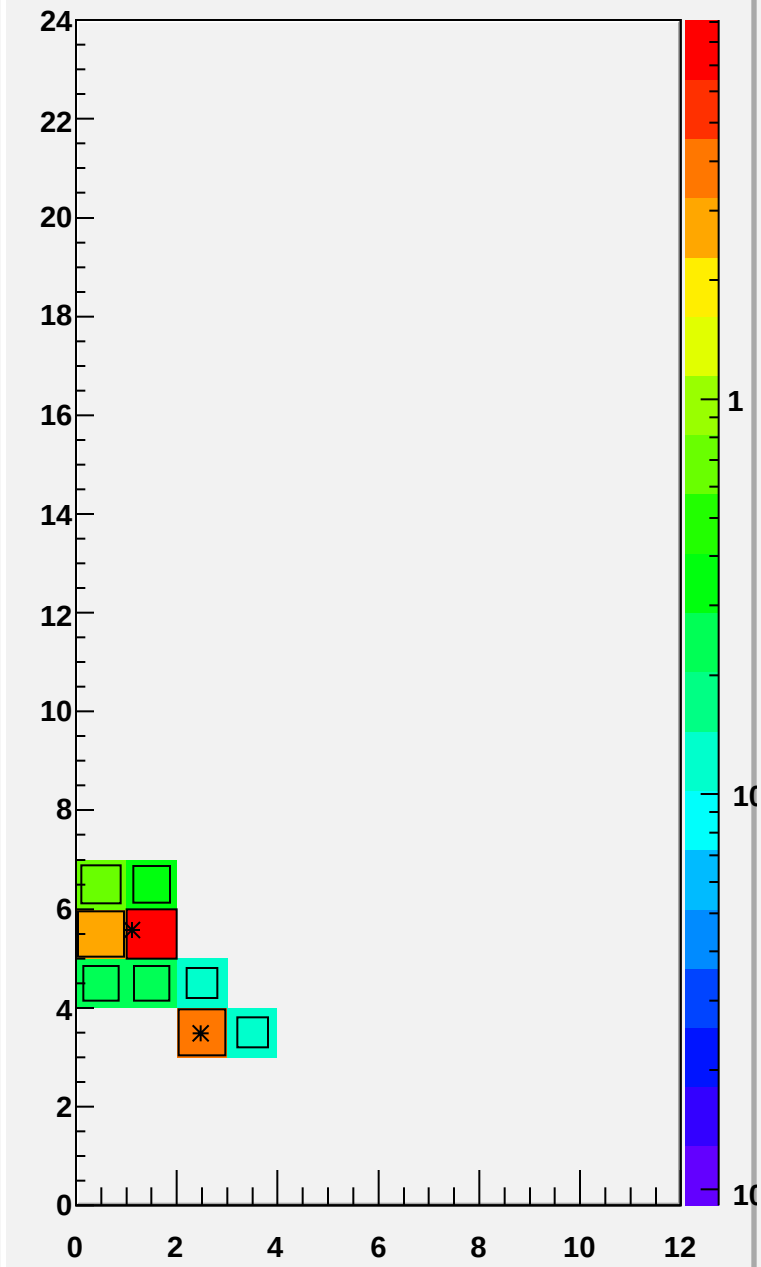
Mean x 3.991

Mean y 8.952

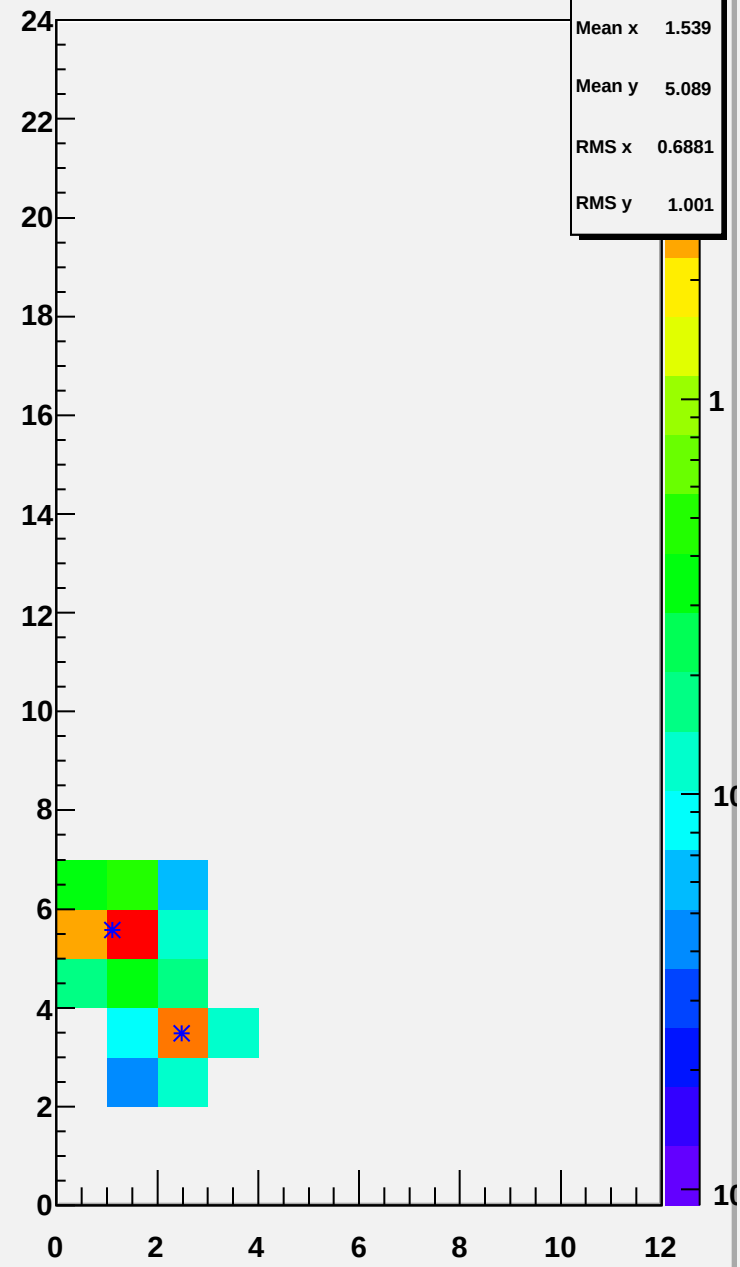
RMS x 2.036

RMS y 5.184

NSTB3_r4_c3_En=17.5_m0=0.105_m1=0.105_index=95



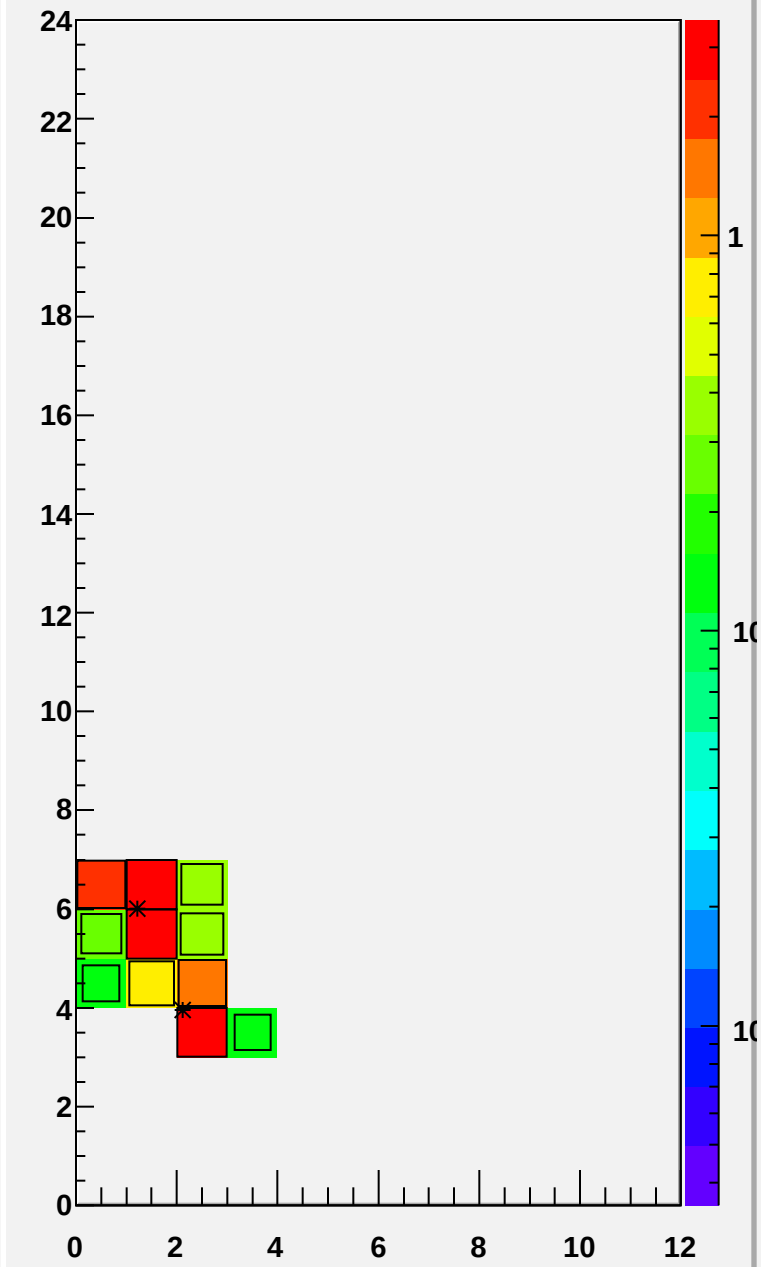
Fitted Energies



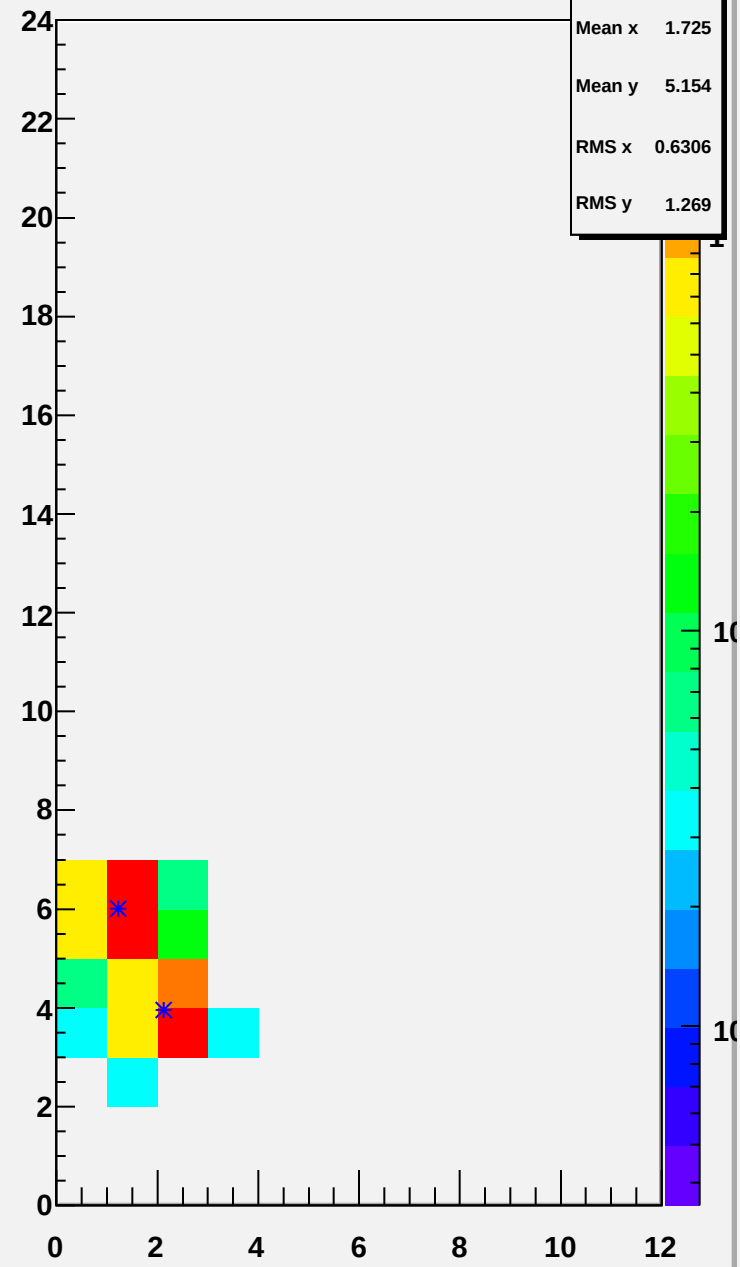
Efit

Entries	288
Mean x	1.539
Mean y	5.089
RMS x	0.6881
RMS y	1.001

NSTB3_r4_c3_En=15.5_m0=0.092 m1=0.092 index=96



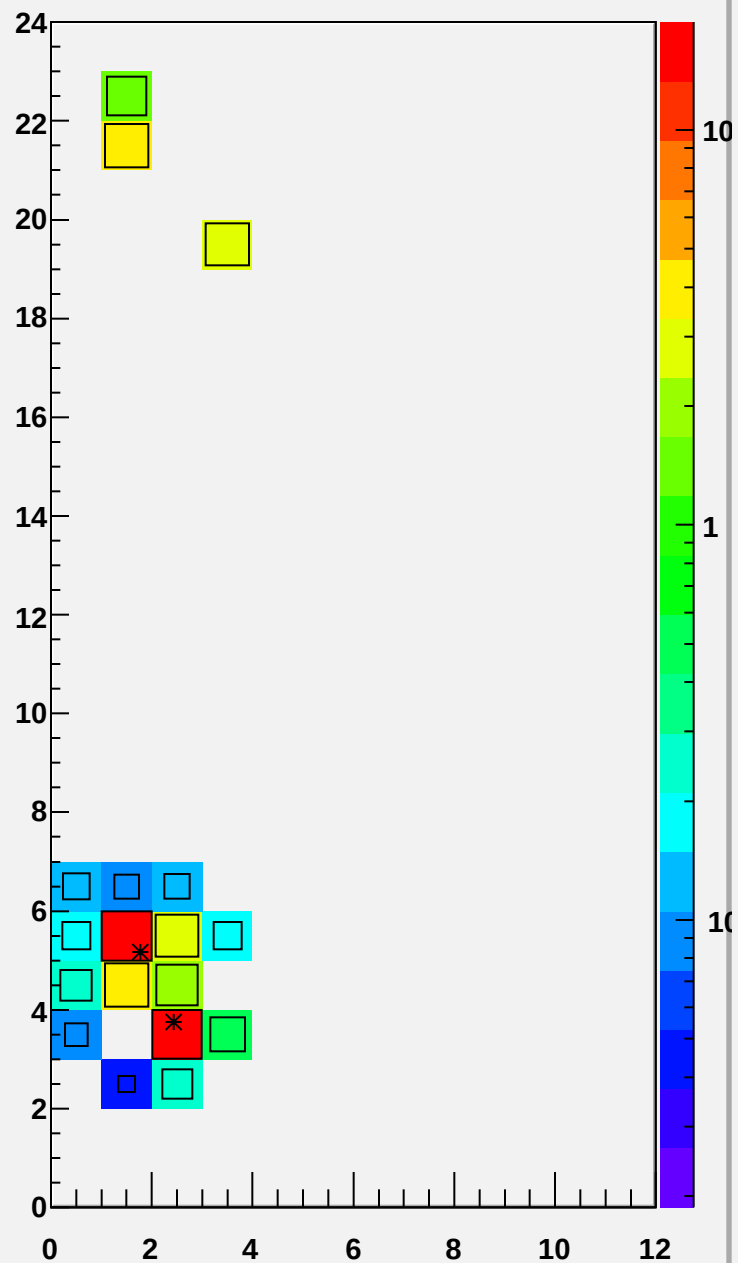
Fitted Energies



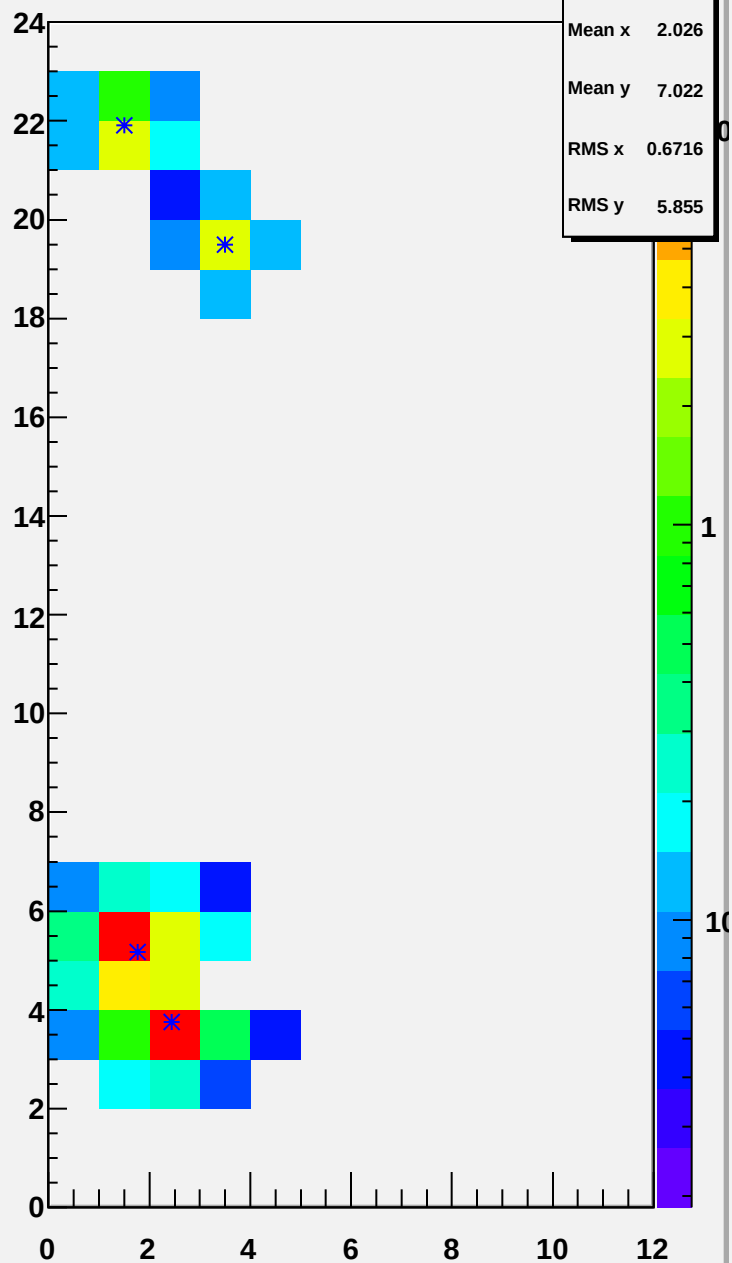
Efit

Entries	288
Mean x	1.725
Mean y	5.154
RMS x	0.6306
RMS y	1.269

NSTB3_r4_c3_En=51.6_m0=0.202_m1=0.201_index=97



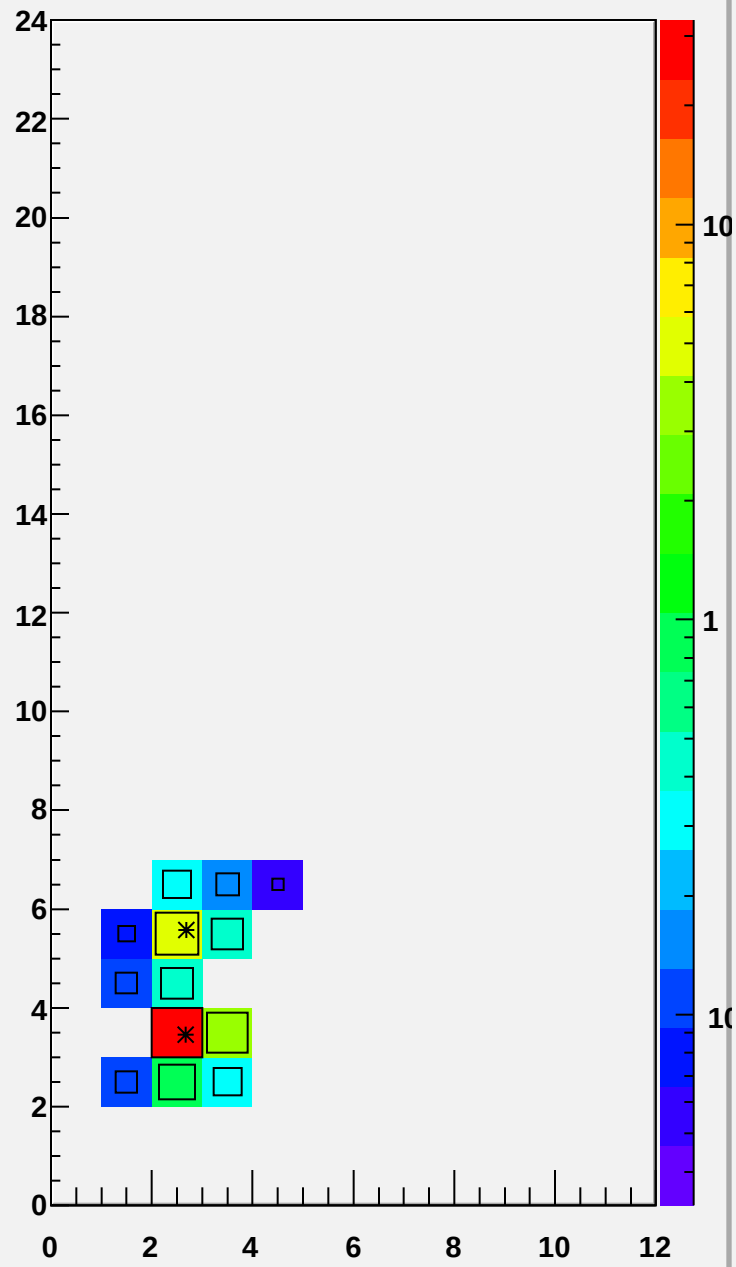
Fitted Energies



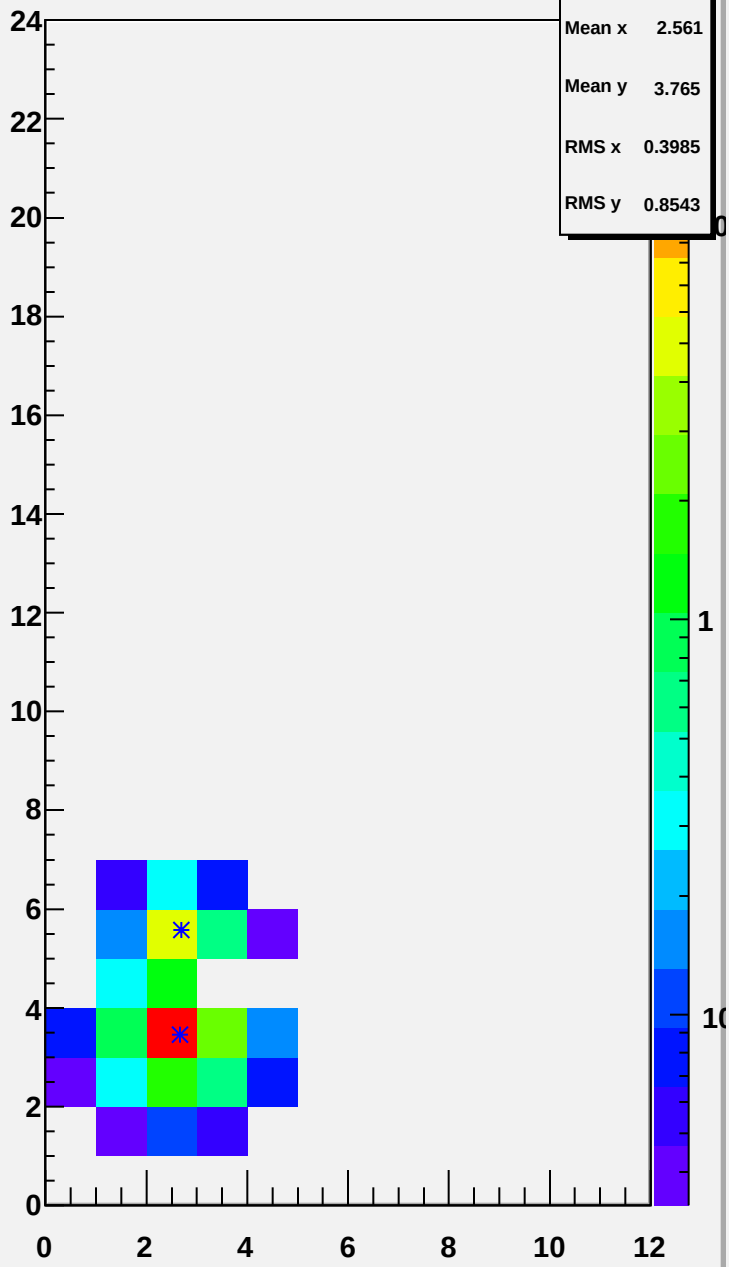
Efit

Entries	288
Mean x	2.026
Mean y	7.022
RMS x	0.6716
RMS y	5.855

NSTB3_r4_c3_En=44.2_m0=0.192 m1=0.192 index=98



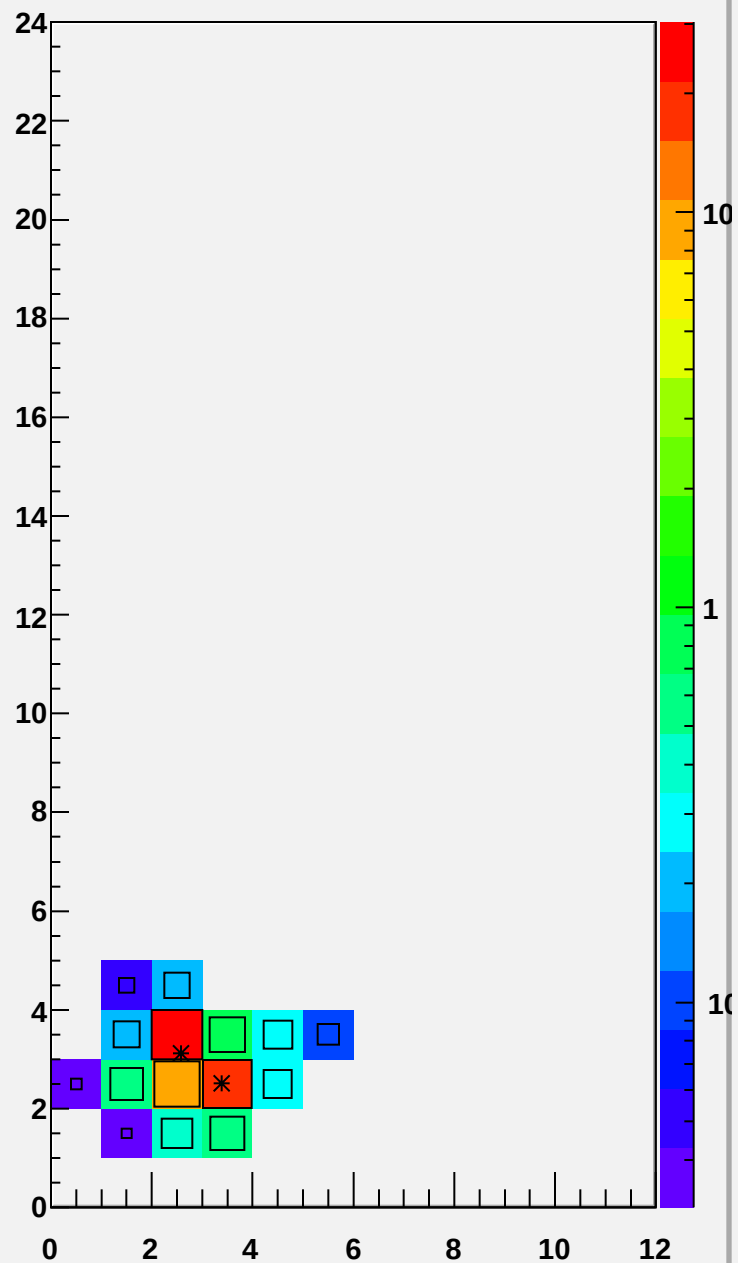
Fitted Energies



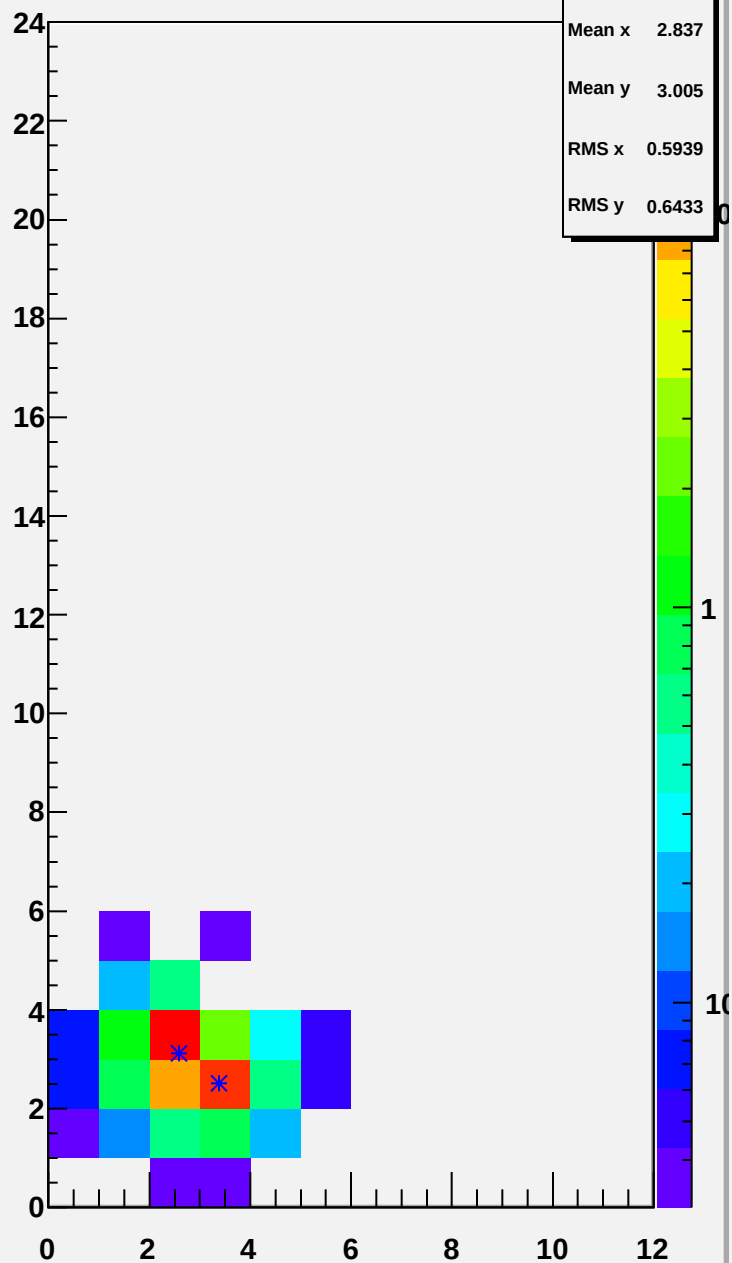
Efit

Entries	288
Mean x	2.561
Mean y	3.765
RMS x	0.3985
RMS y	0.8543

NSTB3_r4_c3_En=61.3_m0=0.171 m1=0.171 index=99



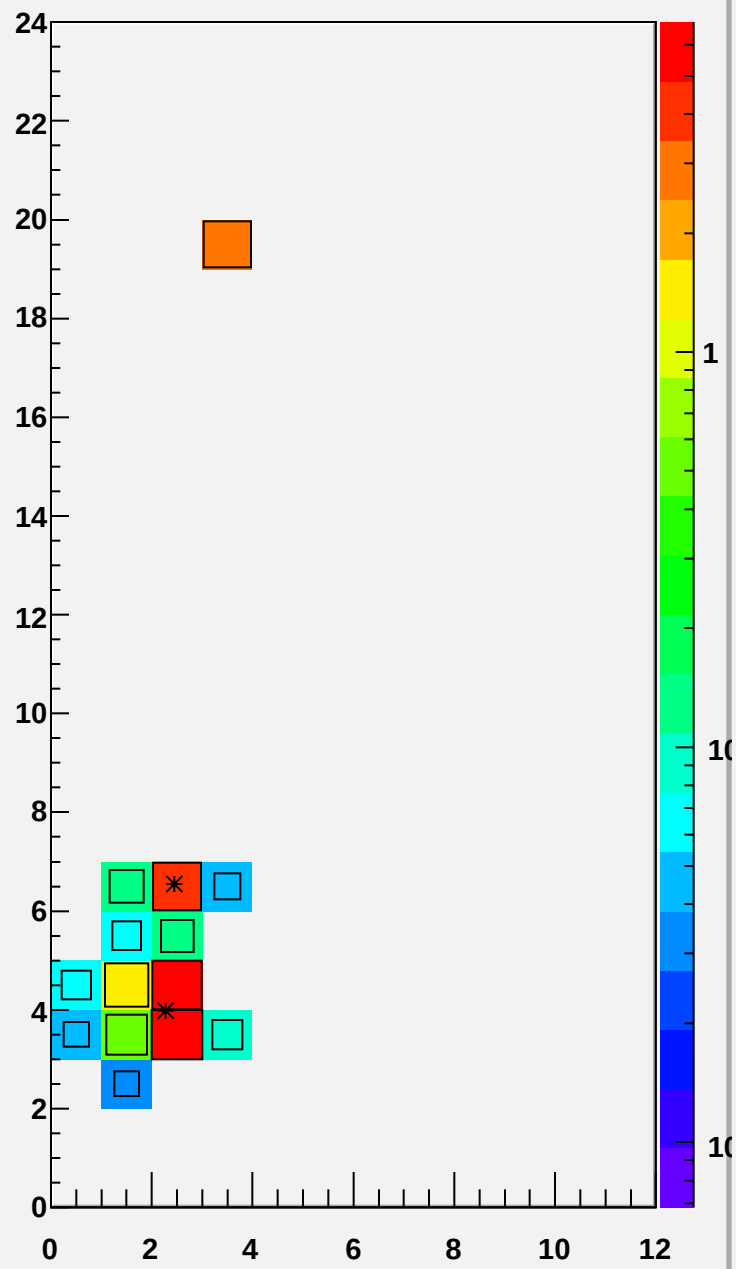
Fitted Energies



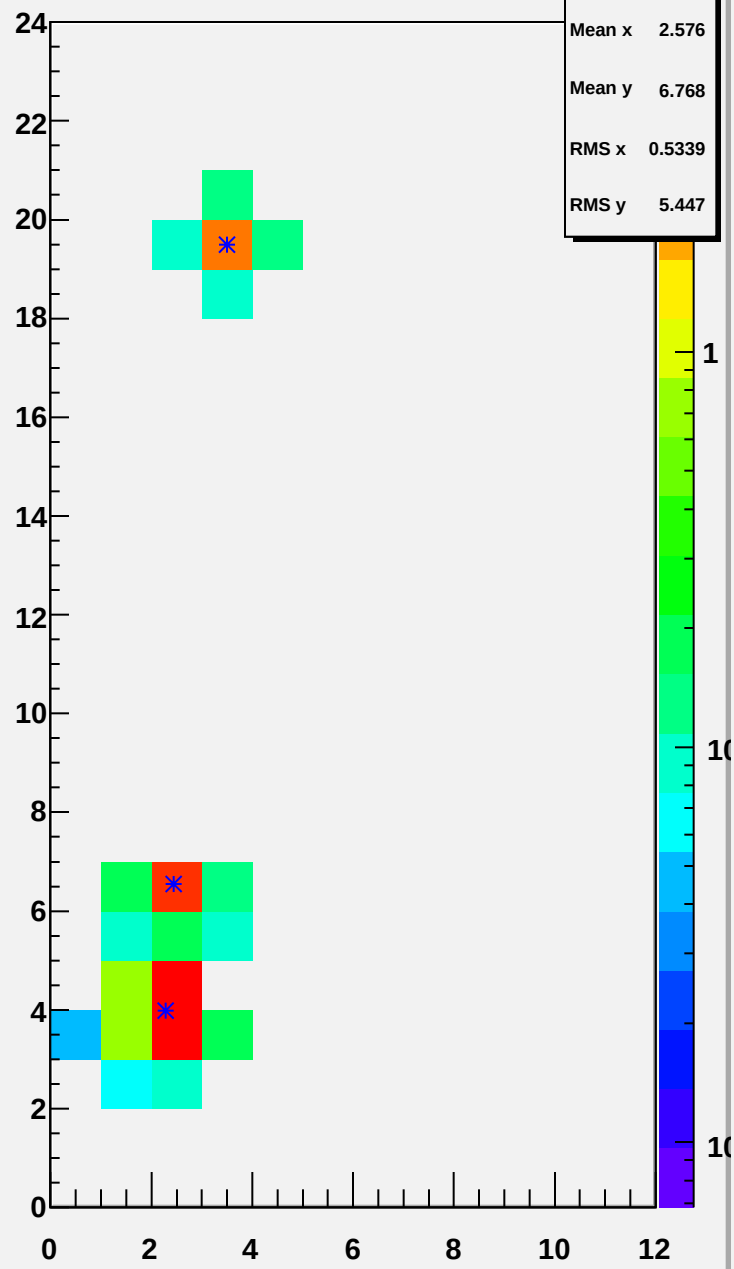
Efit

Entries	288
Mean x	2.837
Mean y	3.005
RMS x	0.5939
RMS y	0.6433

NSTB3_r4_c3_En=21.7_m0=0.119_m1=0.119_index=101



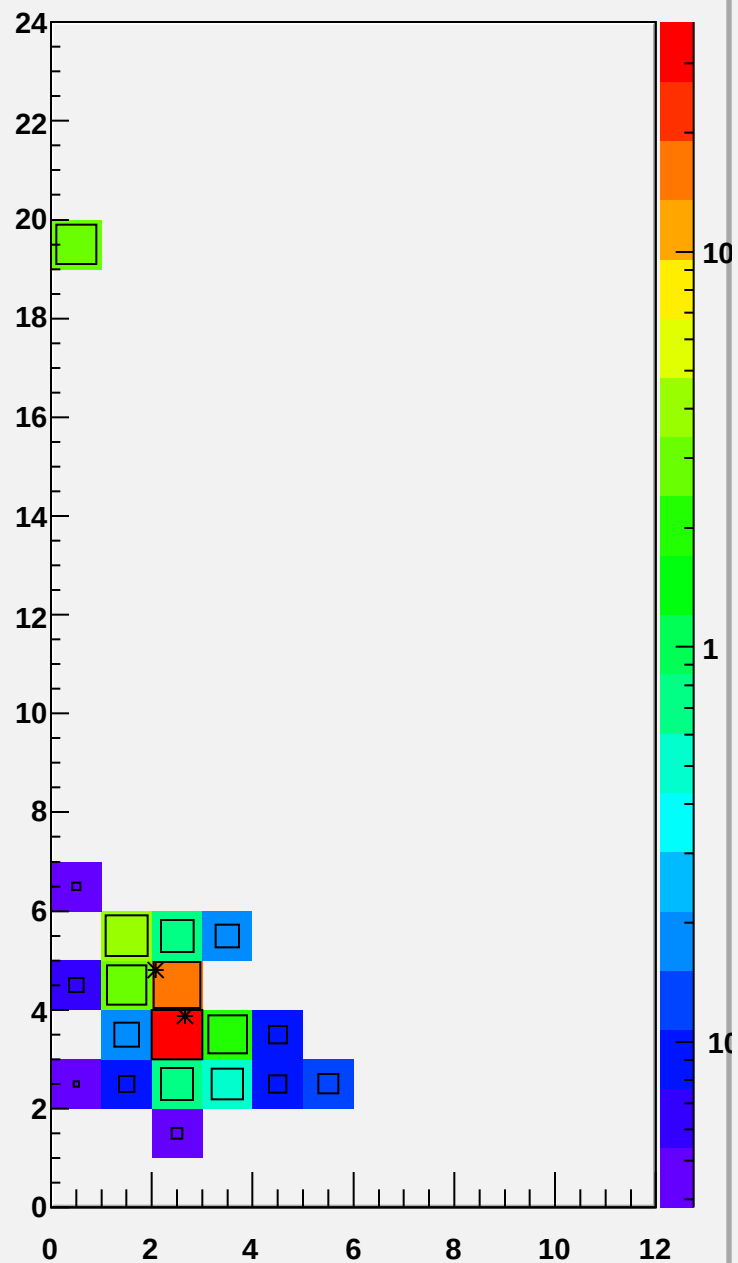
Fitted Energies



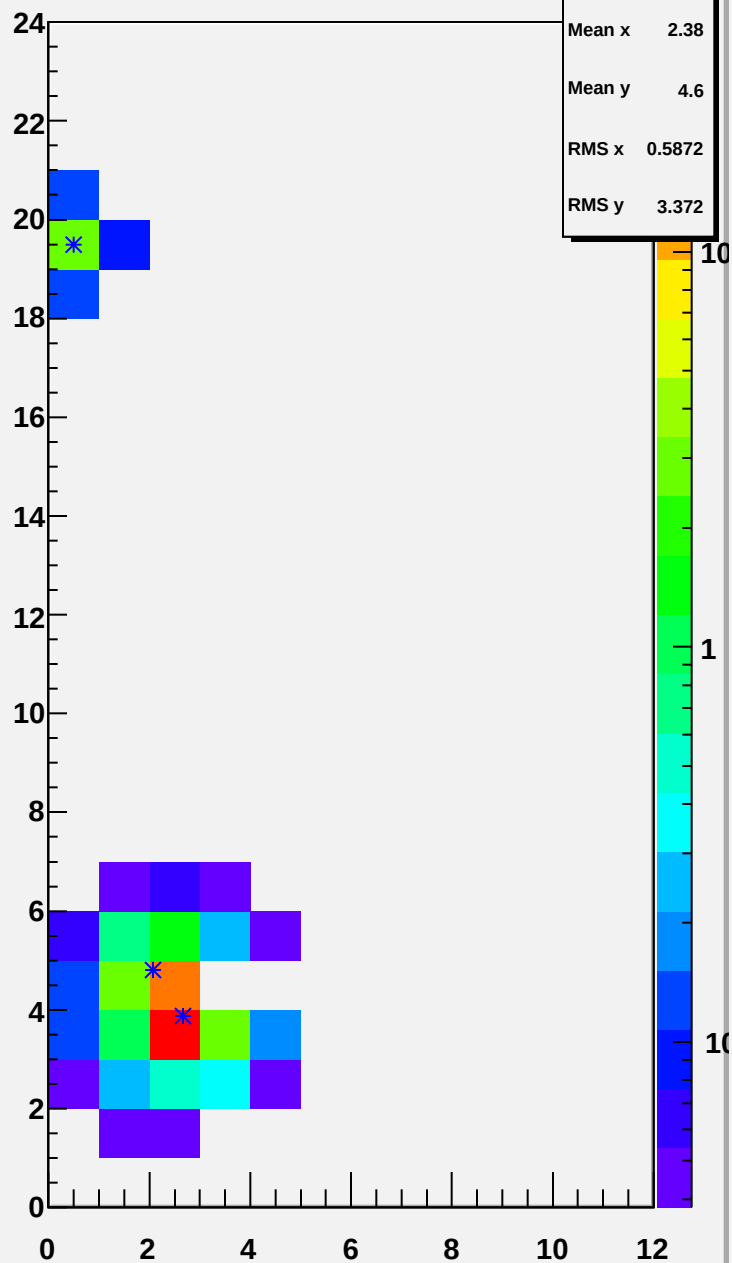
Efit

Entries	288
Mean x	2.576
Mean y	6.768
RMS x	0.5339
RMS y	5.447

NSTB3_r4_c3_En=70.0_m0=0.146_m1=0.147_index=103



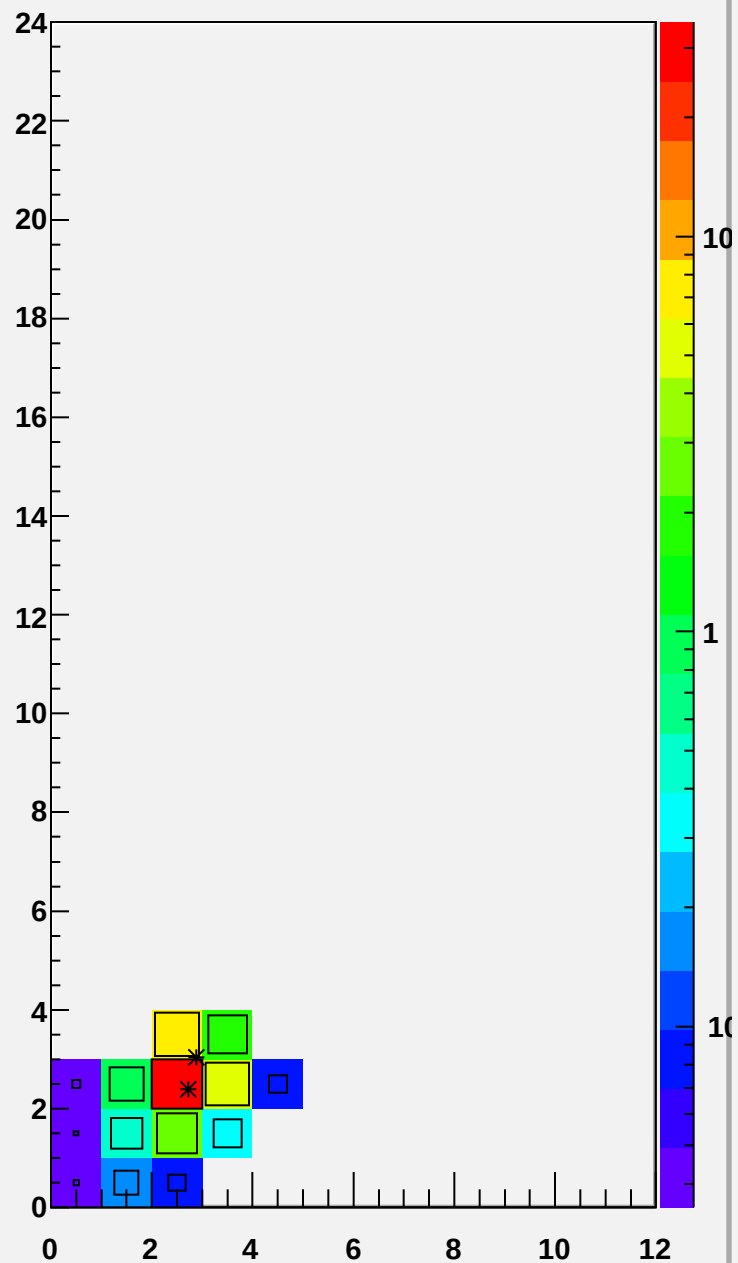
Fitted Energies



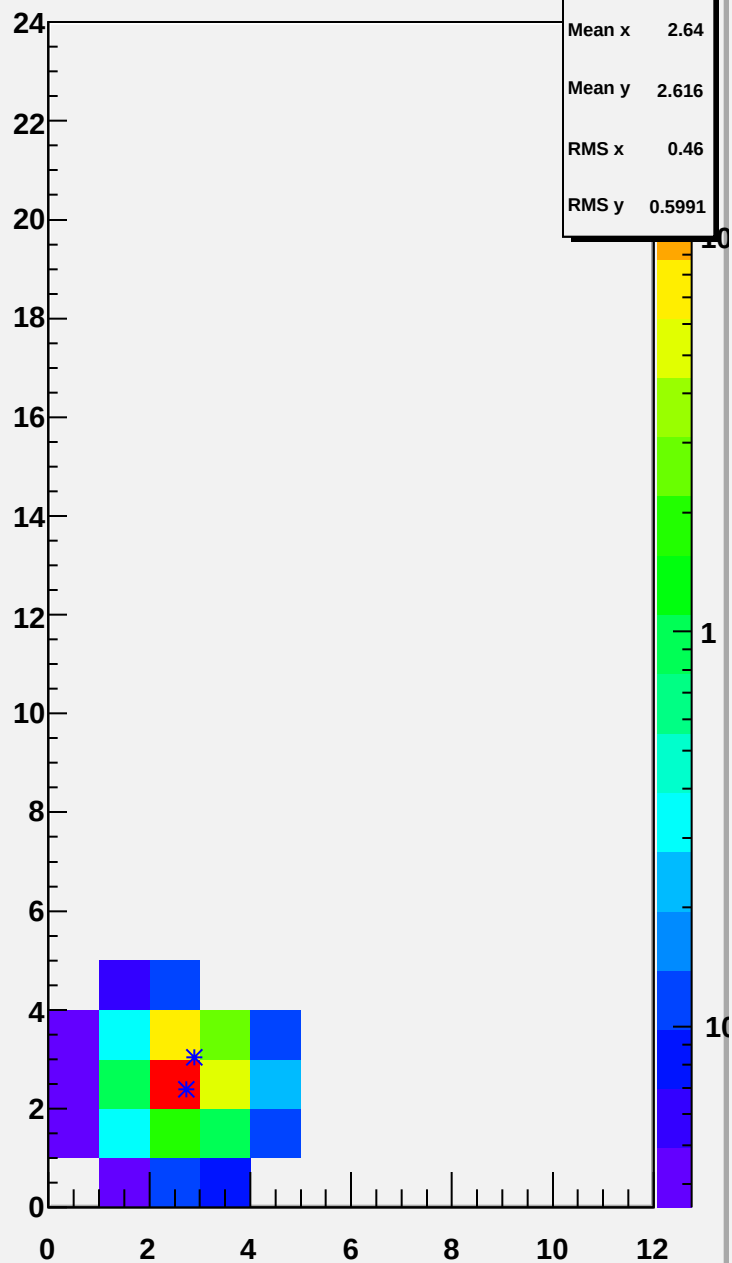
Efit

Entries	288
Mean x	2.38
Mean y	4.6
RMS x	0.5872
RMS y	3.372

NSTB3_r4_c3_En=54.8_m0=0.084_m1=0.085_index=104



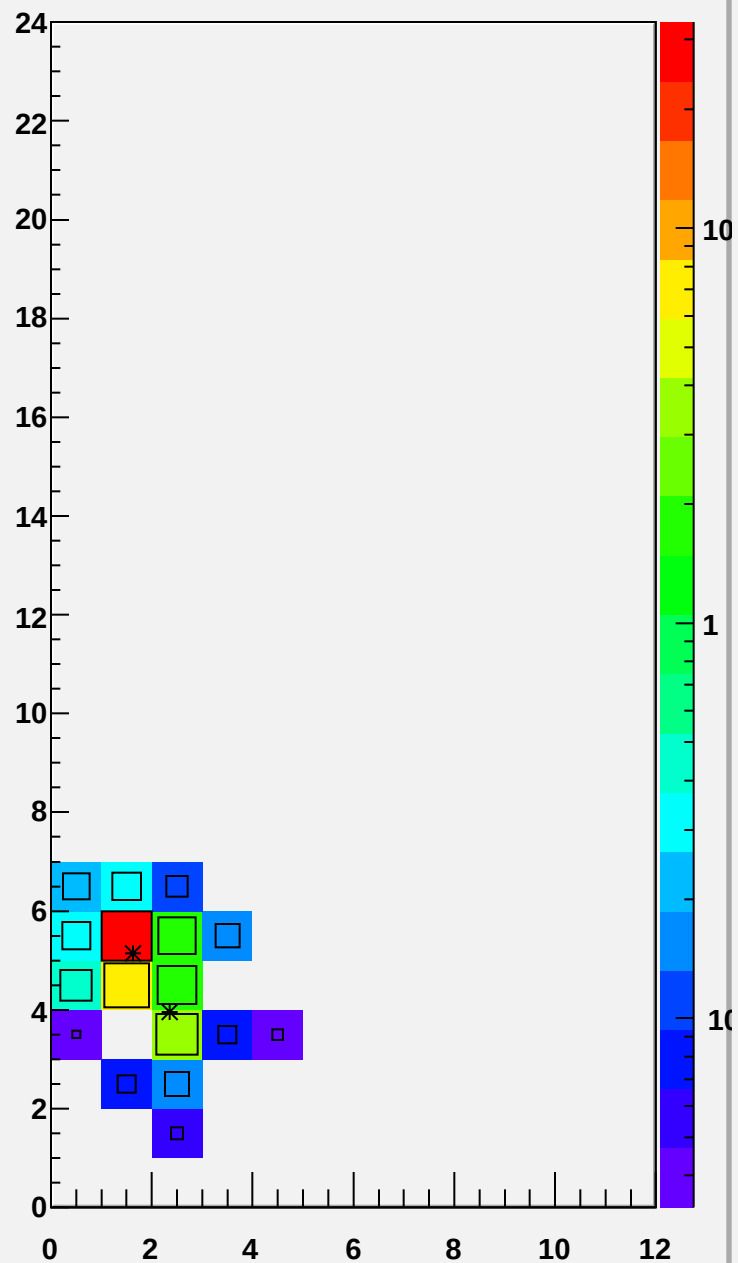
Fitted Energies



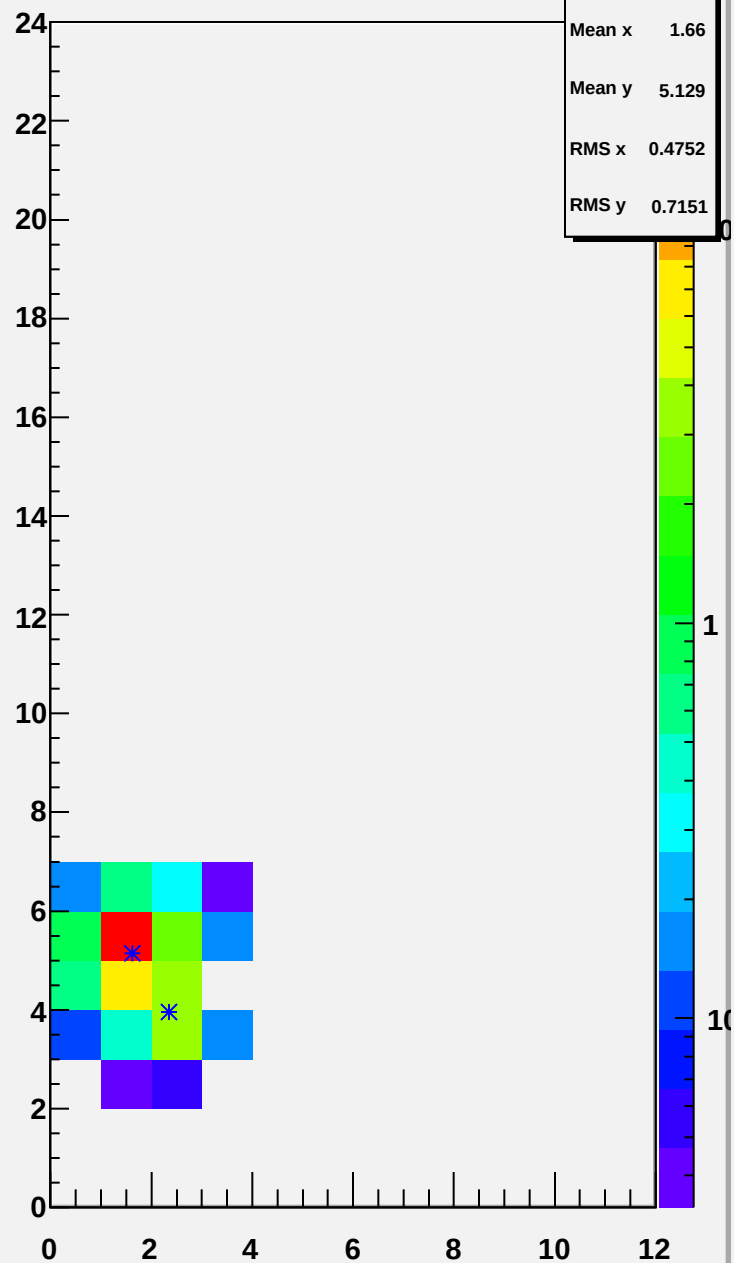
Efit

Entries	288
Mean x	2.64
Mean y	2.616
RMS x	0.46
RMS y	0.5991

NSTB3_r4_c3_En=50.5_m0=0.136 m1=0.136 index=105



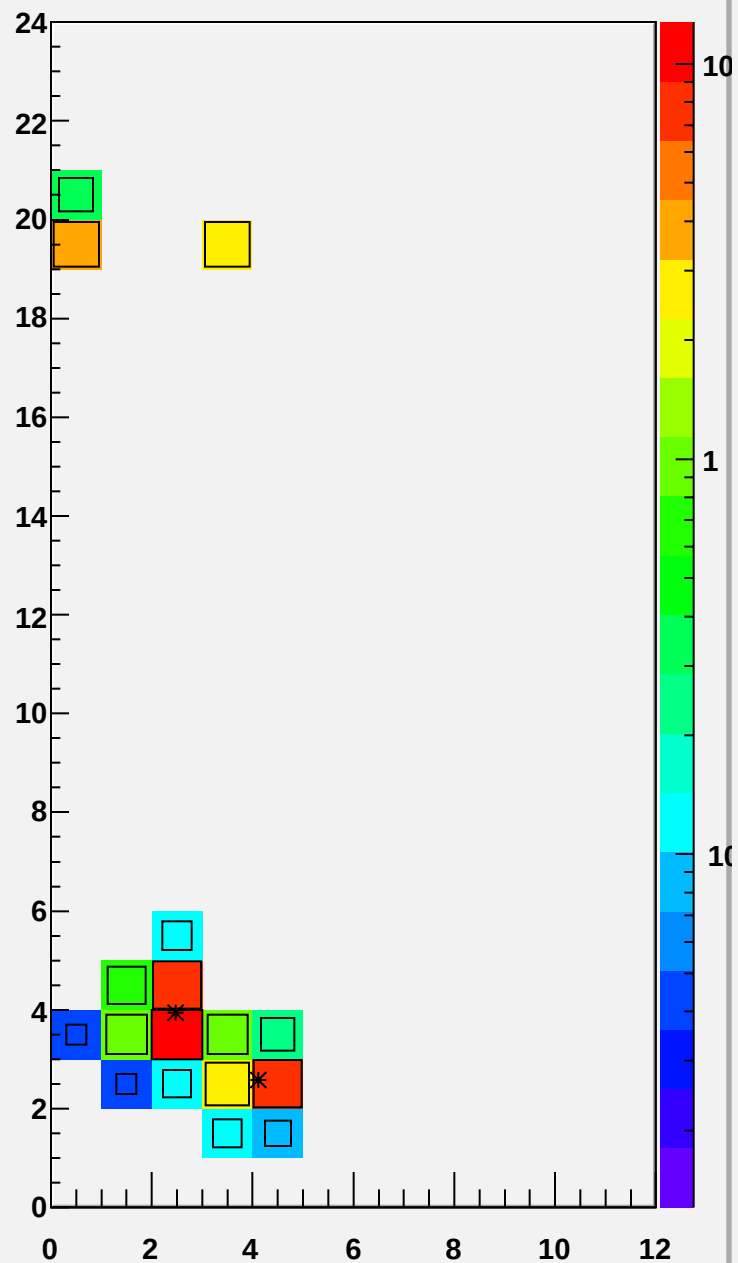
Fitted Energies



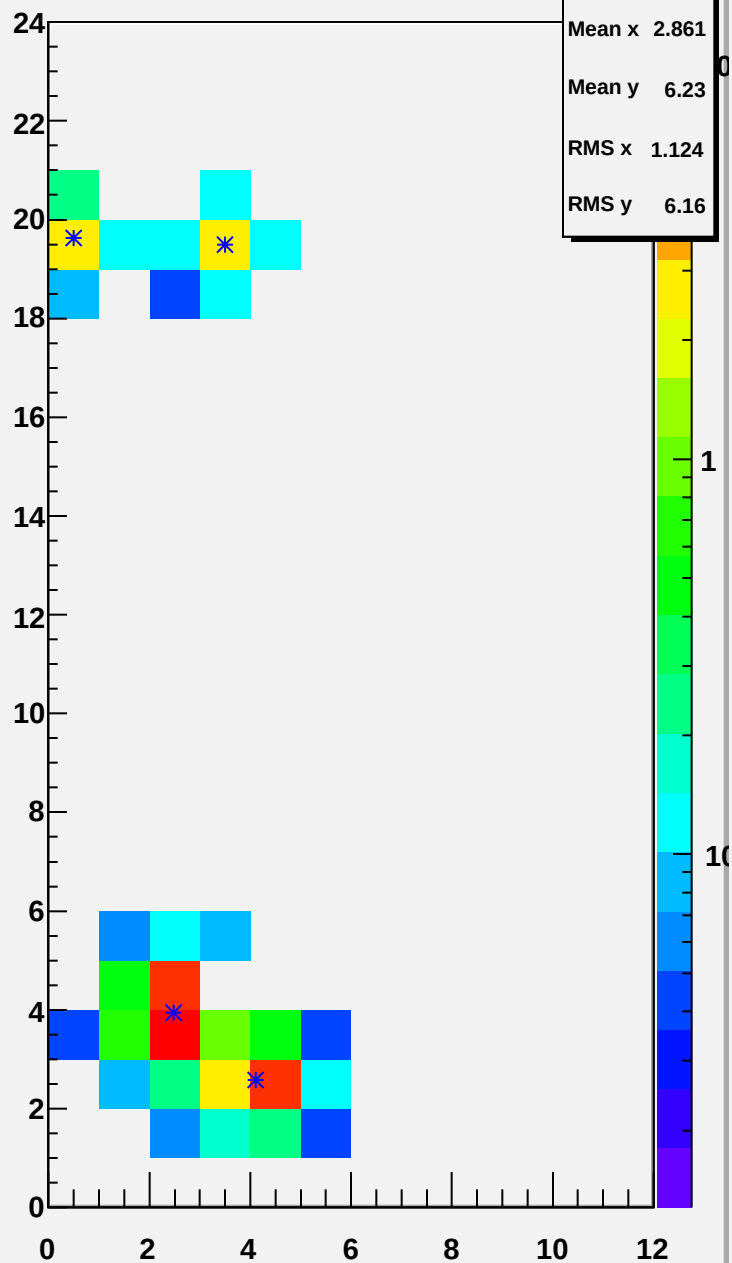
Efit

Entries	288
Mean x	1.66
Mean y	5.129
RMS x	0.4752
RMS y	0.7151

NSTB3_r4_c3_En=39.0_m0=0.183 m1=0.183 index=106



Fitted Energies



Efit

Entries 288

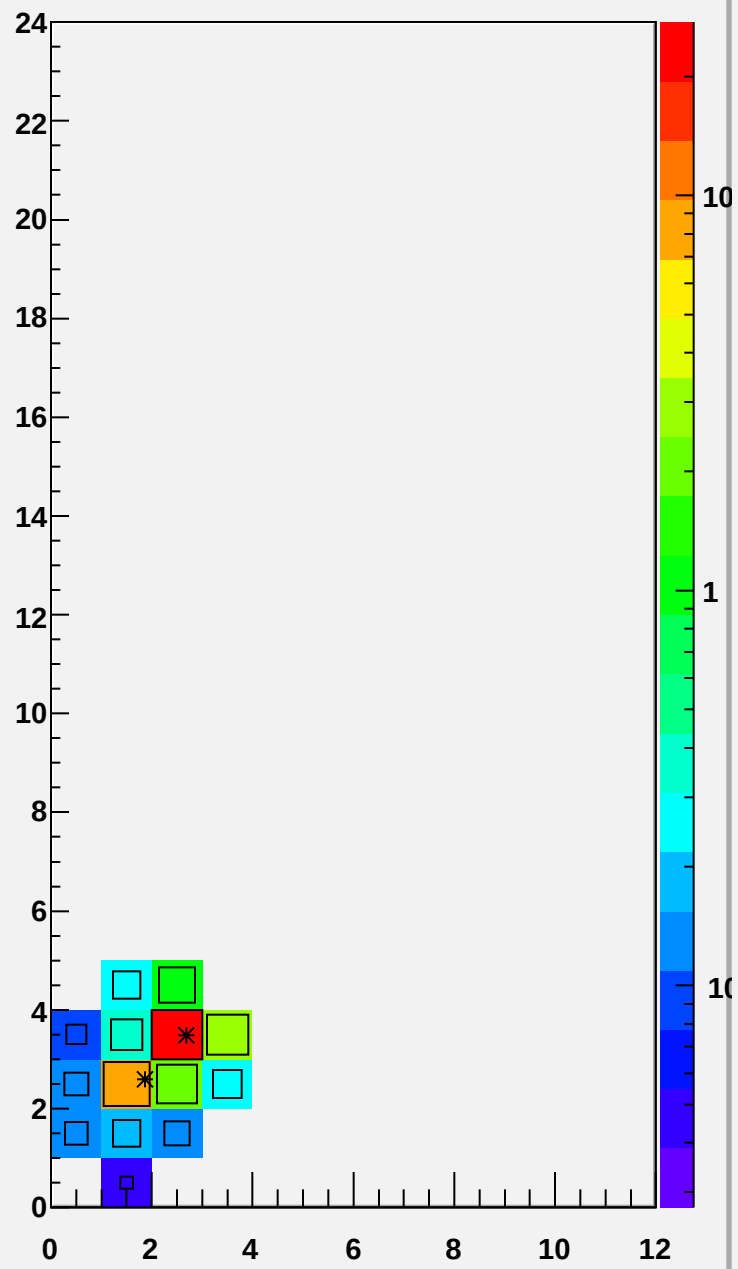
Mean x 2.861

Mean y 6.23

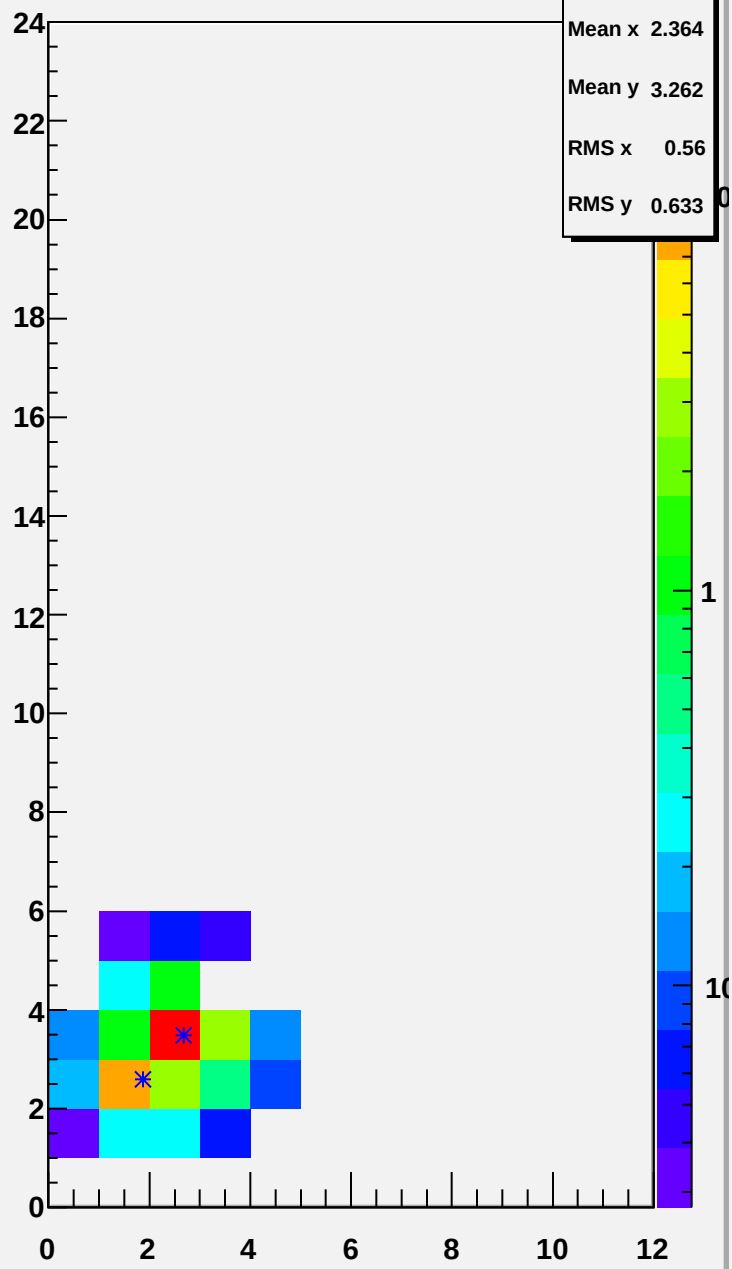
RMS x 1.124

RMS y 6.16

NSTB3_r4_c3_En=42.2_m0=0.129 m1=0.129 index=107



Fitted Energies



Efit

Entries 288

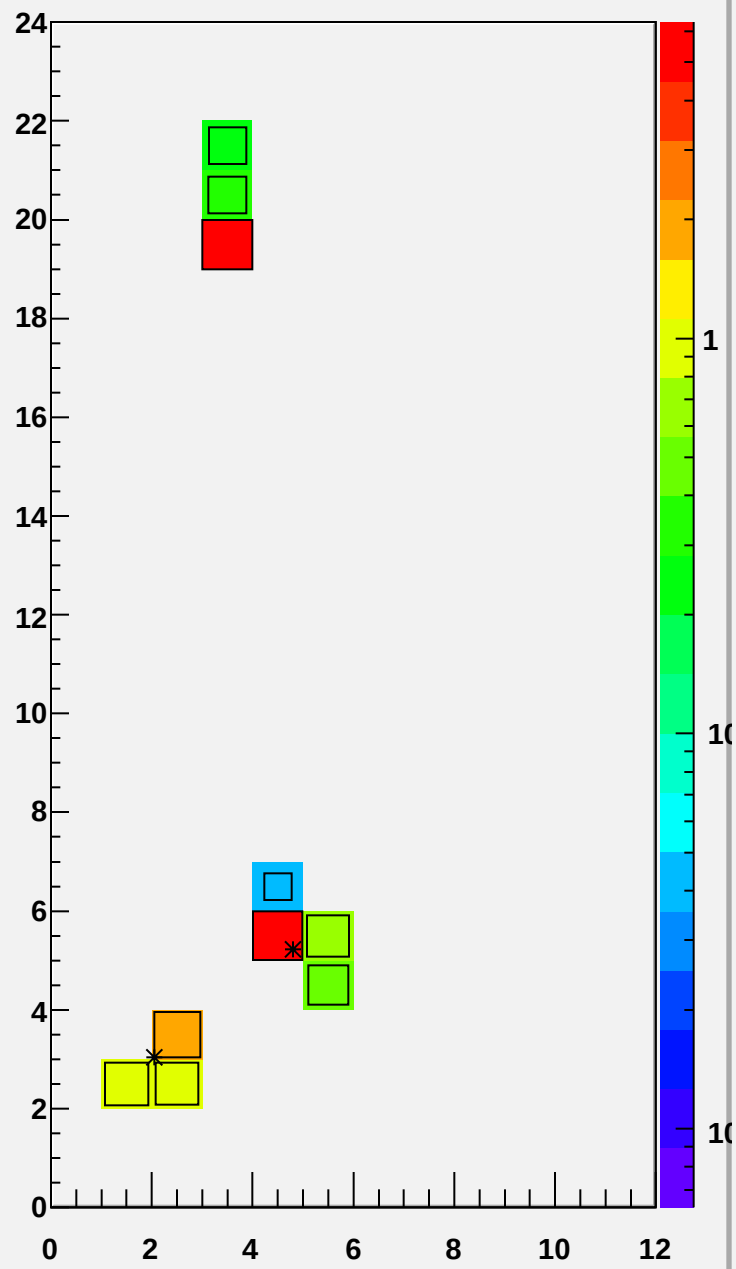
Mean x 2.364

Mean y 3.262

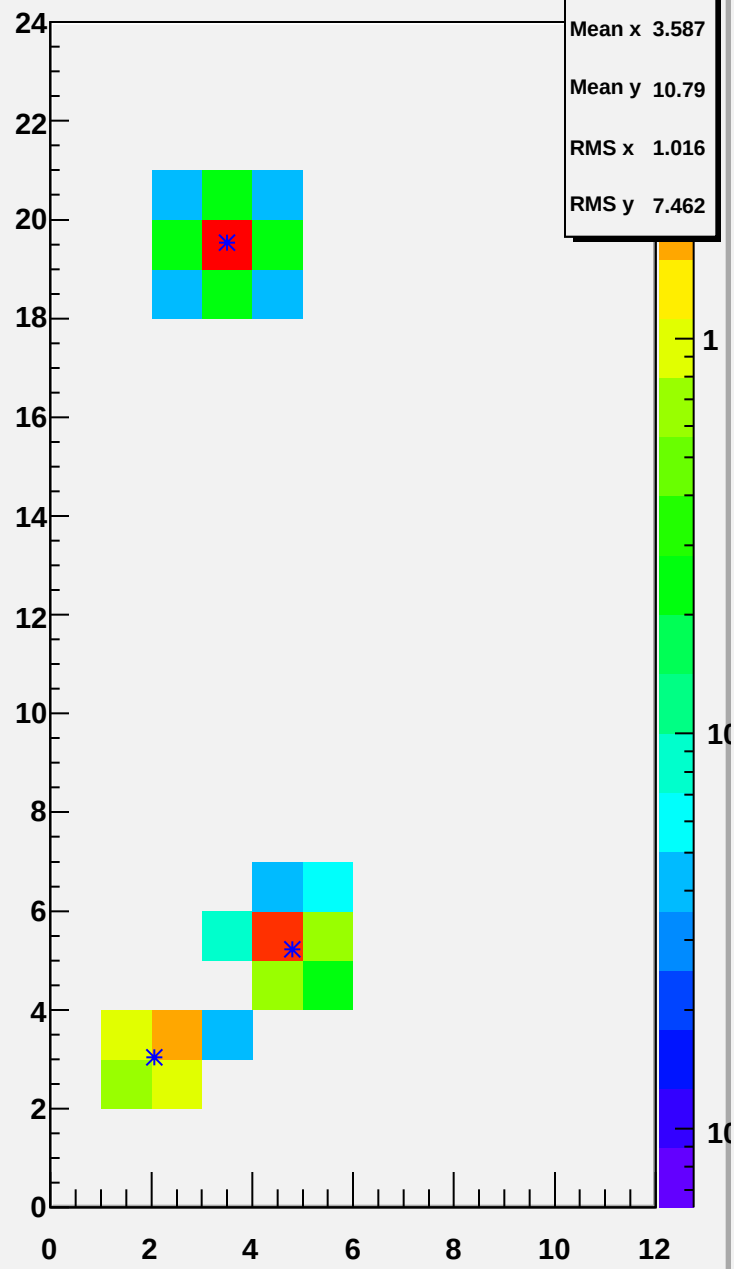
RMS x 0.56

RMS y 0.633

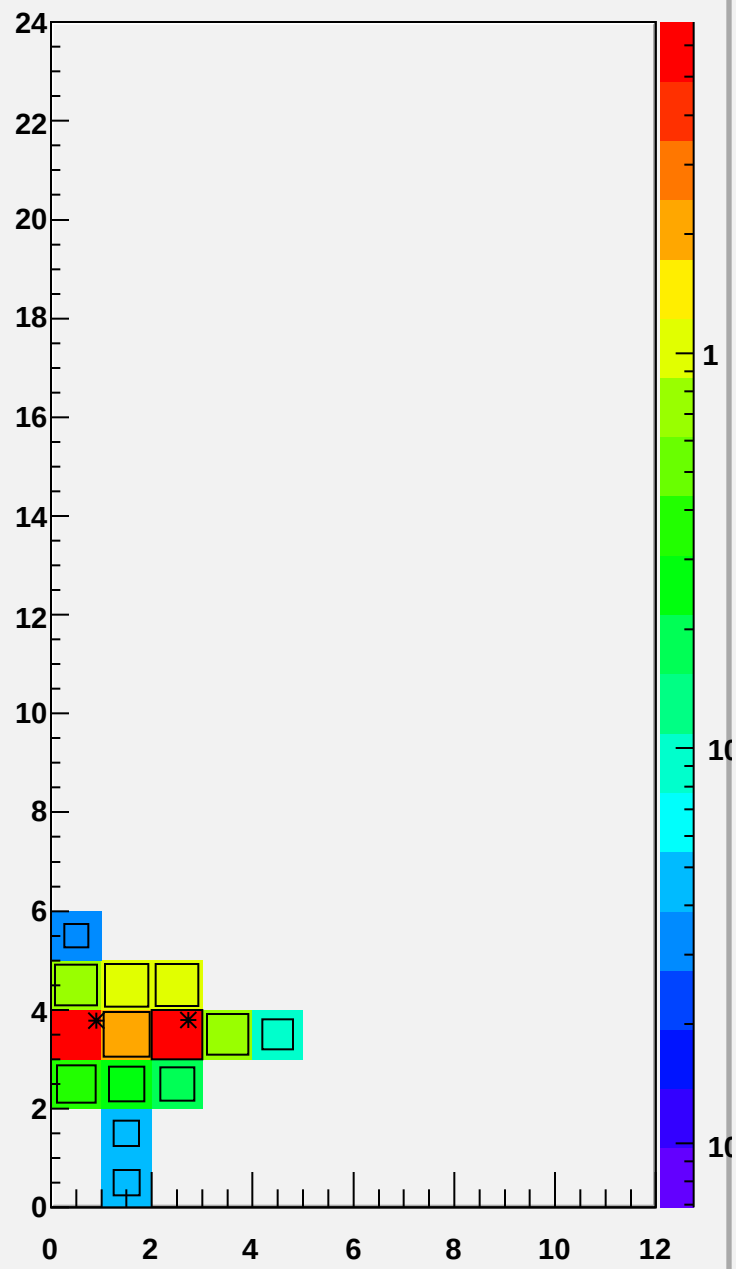
NSTB3_r4_c3_En=16.8_m0=0.103_m1=0.104_index=108



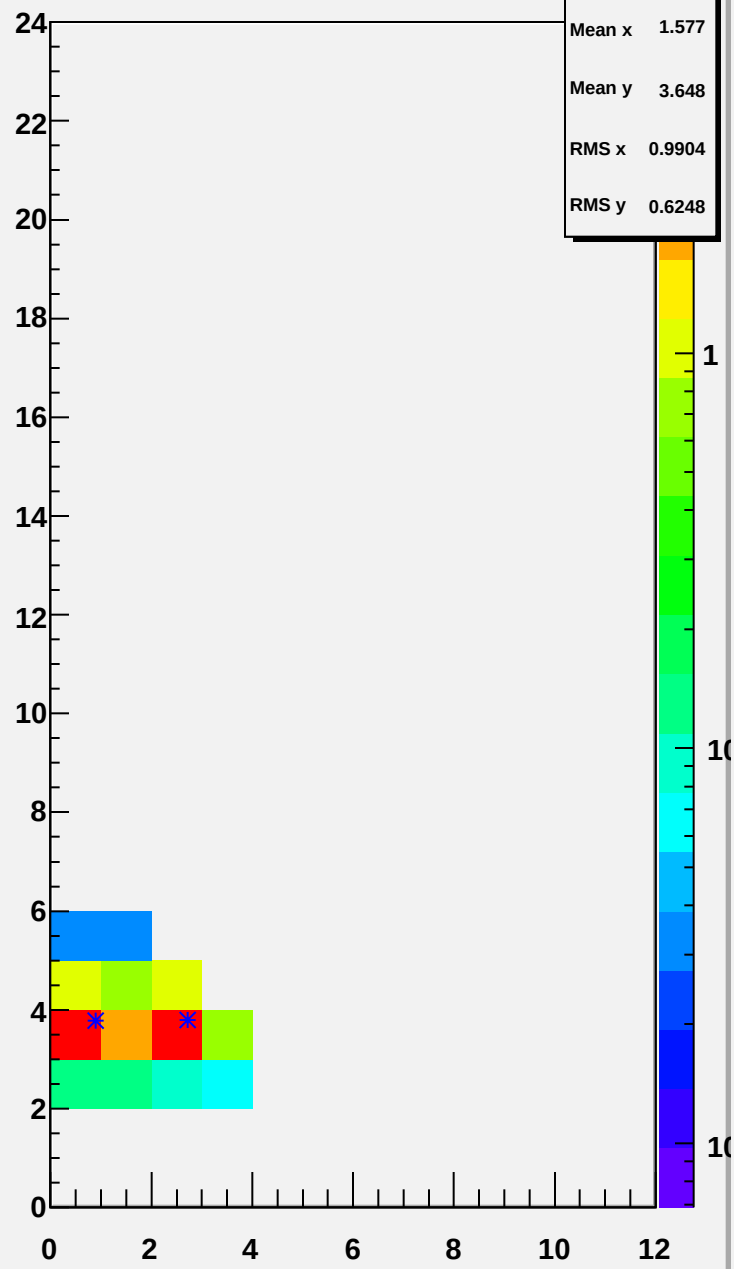
Fitted Energies



NSTB3_r4_c3_En=20.3_m0=0.102 m1=0.102 index=109



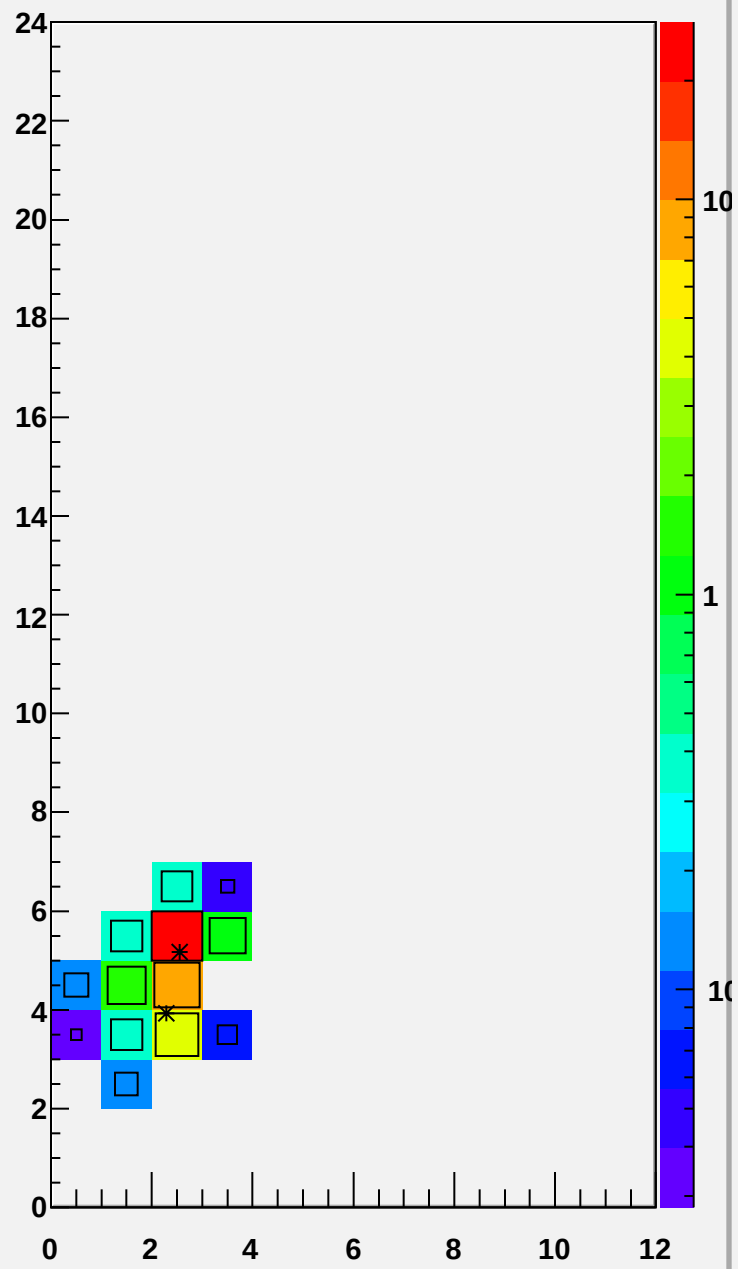
Fitted Energies



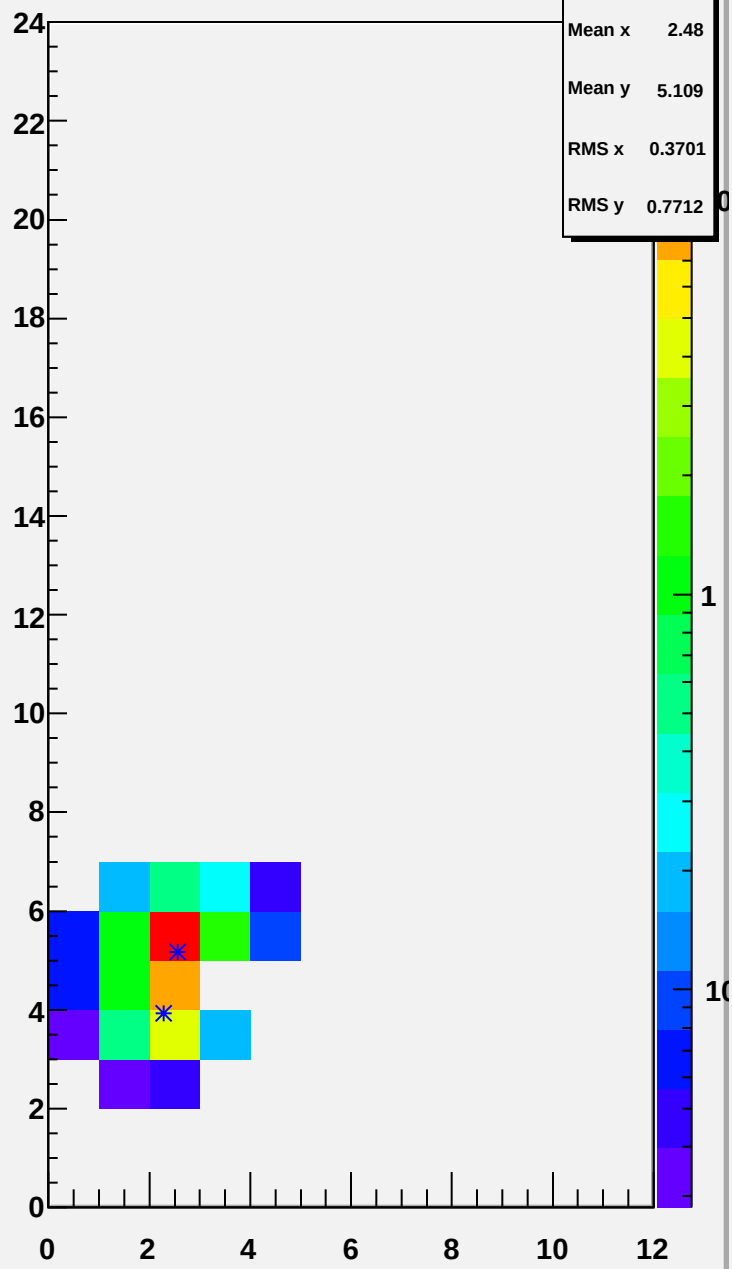
Efit

Entries	288
Mean x	1.577
Mean y	3.648
RMS x	0.9904
RMS y	0.6248

NSTB3_r4_c3_En=43.9_m0=0.116_m1=0.116_index=110



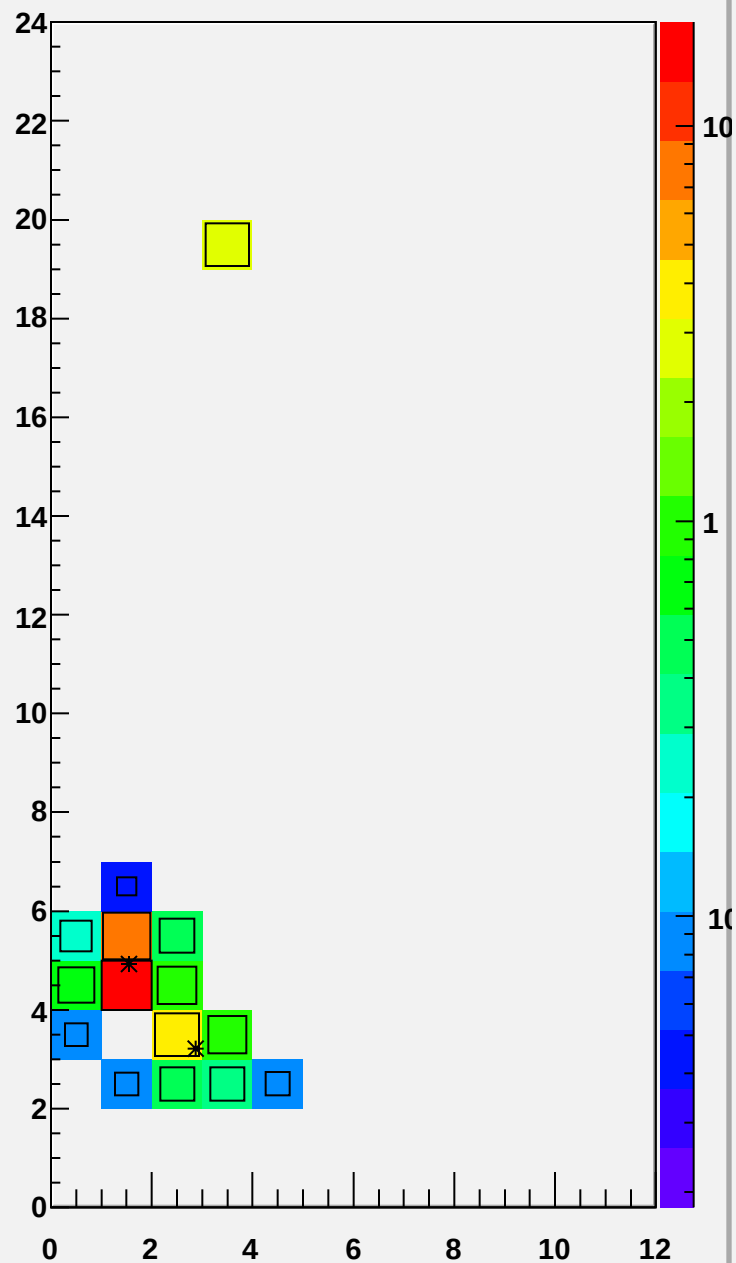
Fitted Energies



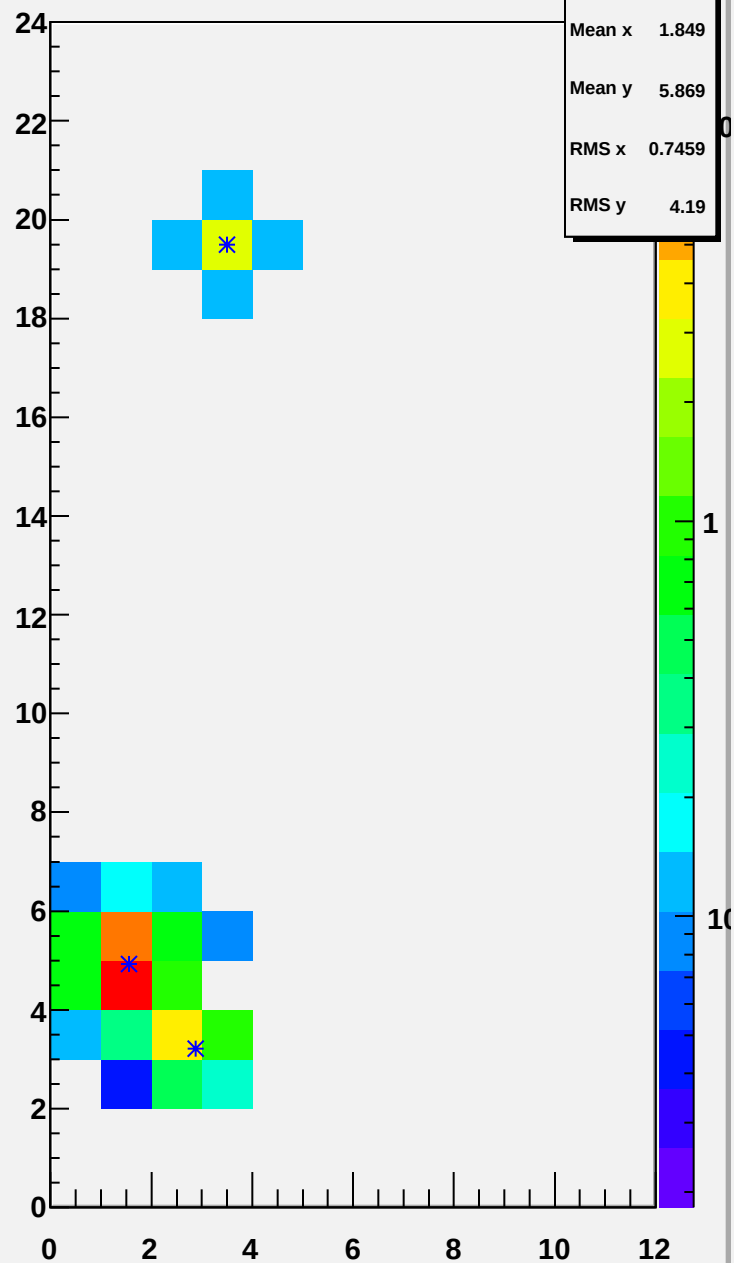
Efit

Entries	288
Mean x	2.48
Mean y	5.109
RMS x	0.3701
RMS y	0.7712

NSTB3_r4_c3_En=37.8_m0=0.153_m1=0.153_index=112



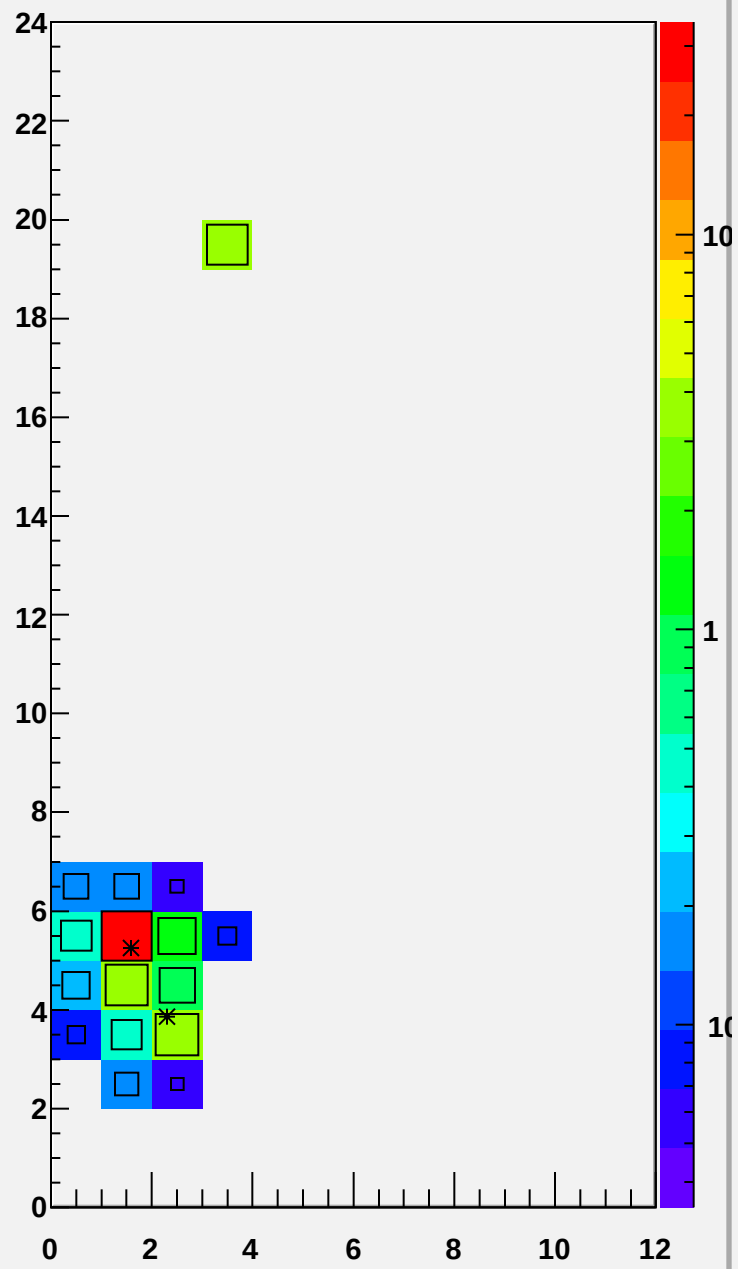
Fitted Energies



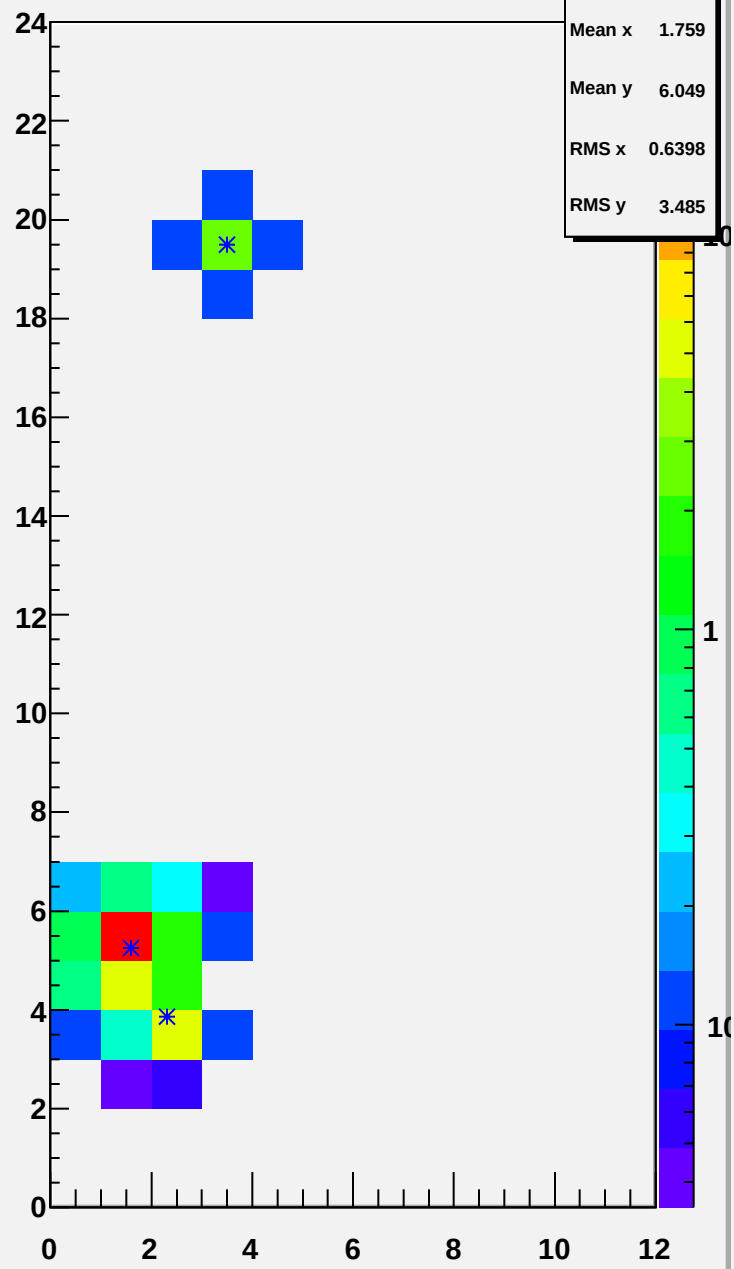
Efit

Entries	288
Mean x	1.849
Mean y	5.869
RMS x	0.7459
RMS y	4.19

NSTB3_r4_c3_En=50.2_m0=0.145 m1=0.145 index=113



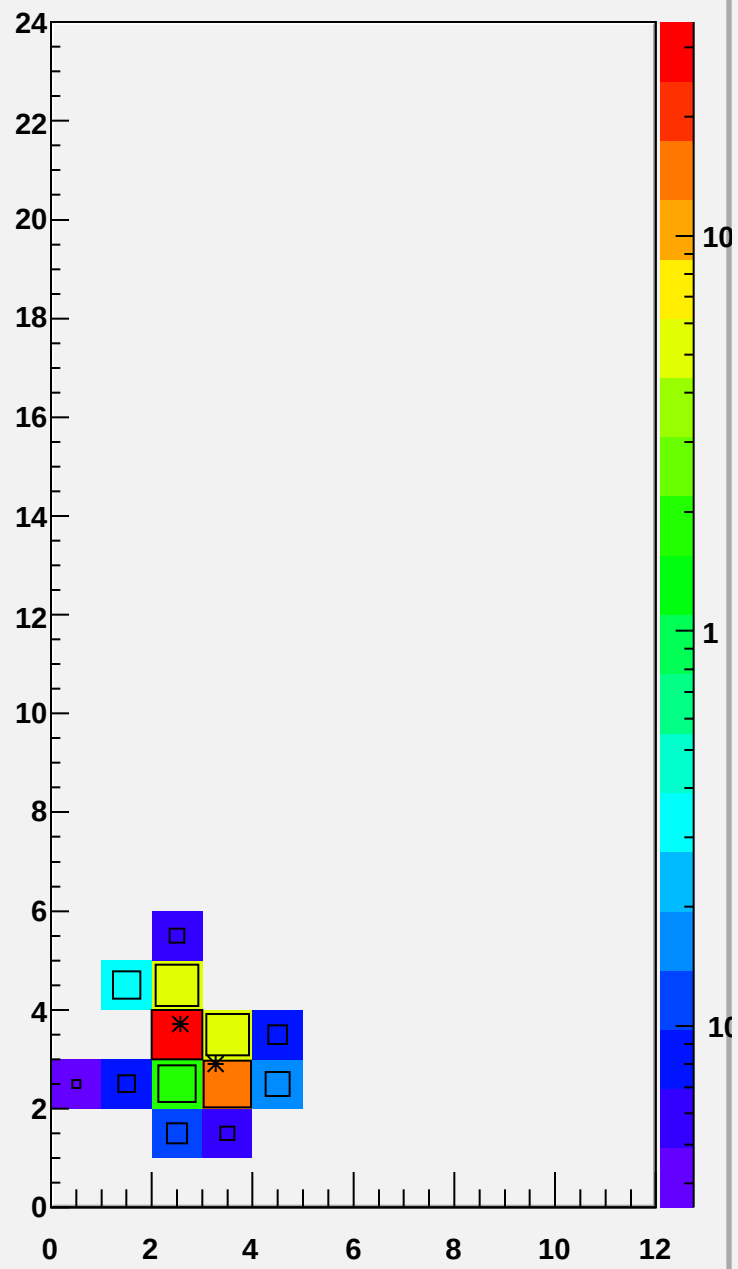
Fitted Energies



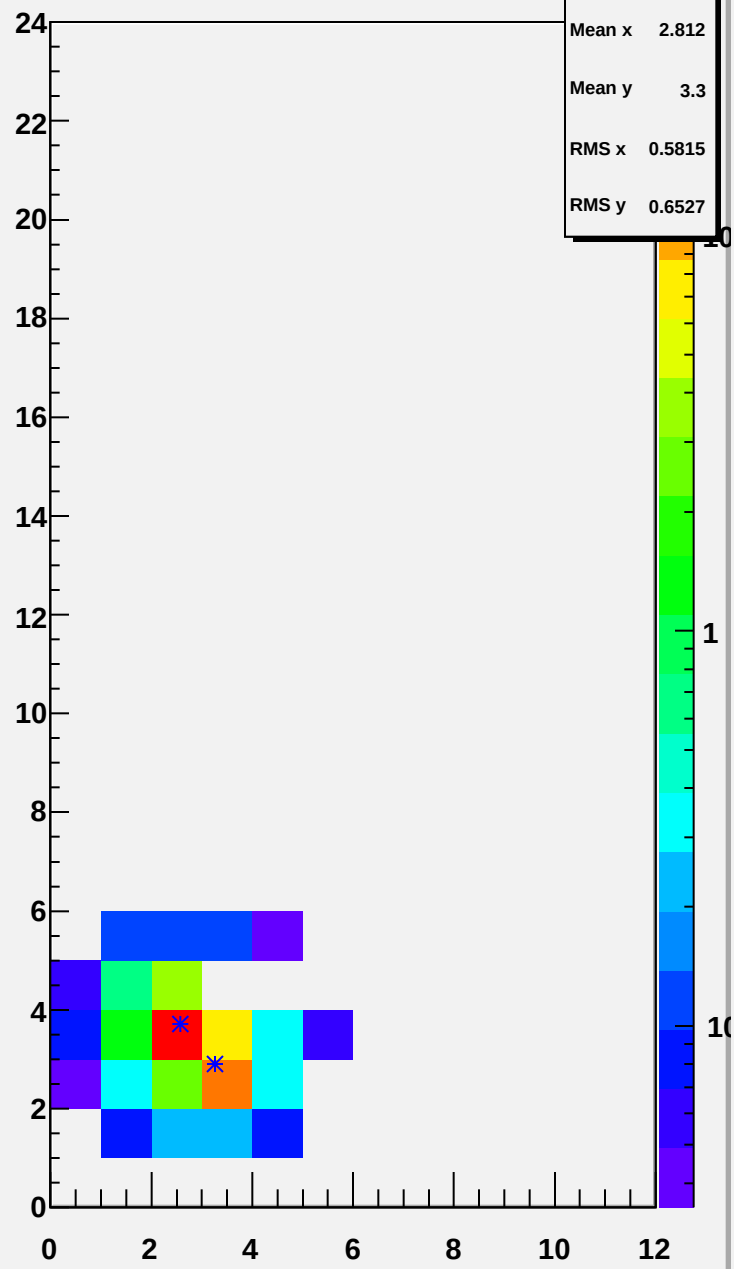
Efit

Entries	288
Mean x	1.759
Mean y	6.049
RMS x	0.6398
RMS y	3.485

NSTB3_r4_c3_En=60.8_m0=0.188 m1=0.188 index=114



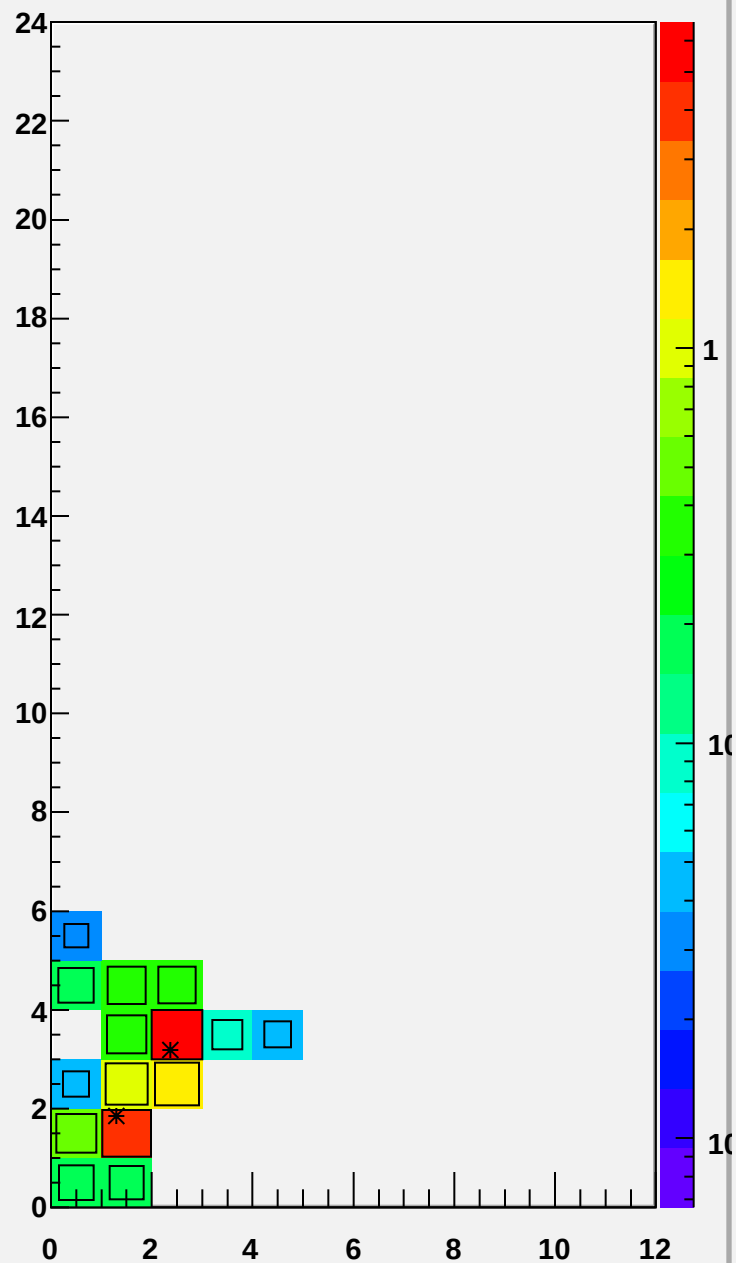
Fitted Energies



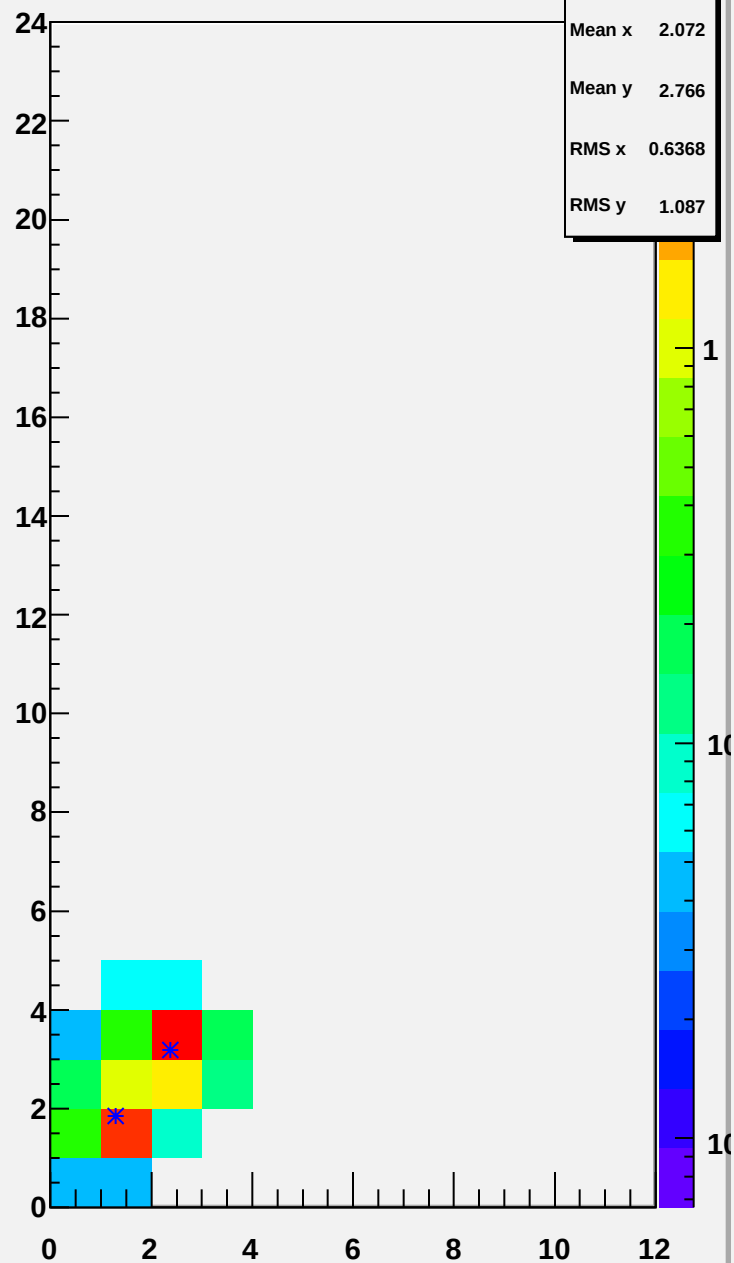
Efit

Entries	288
Mean x	2.812
Mean y	3.3
RMS x	0.5815
RMS y	0.6527

NSTB3_r4_c3_En=14.8_m0=0.066 m1=0.066 index=115



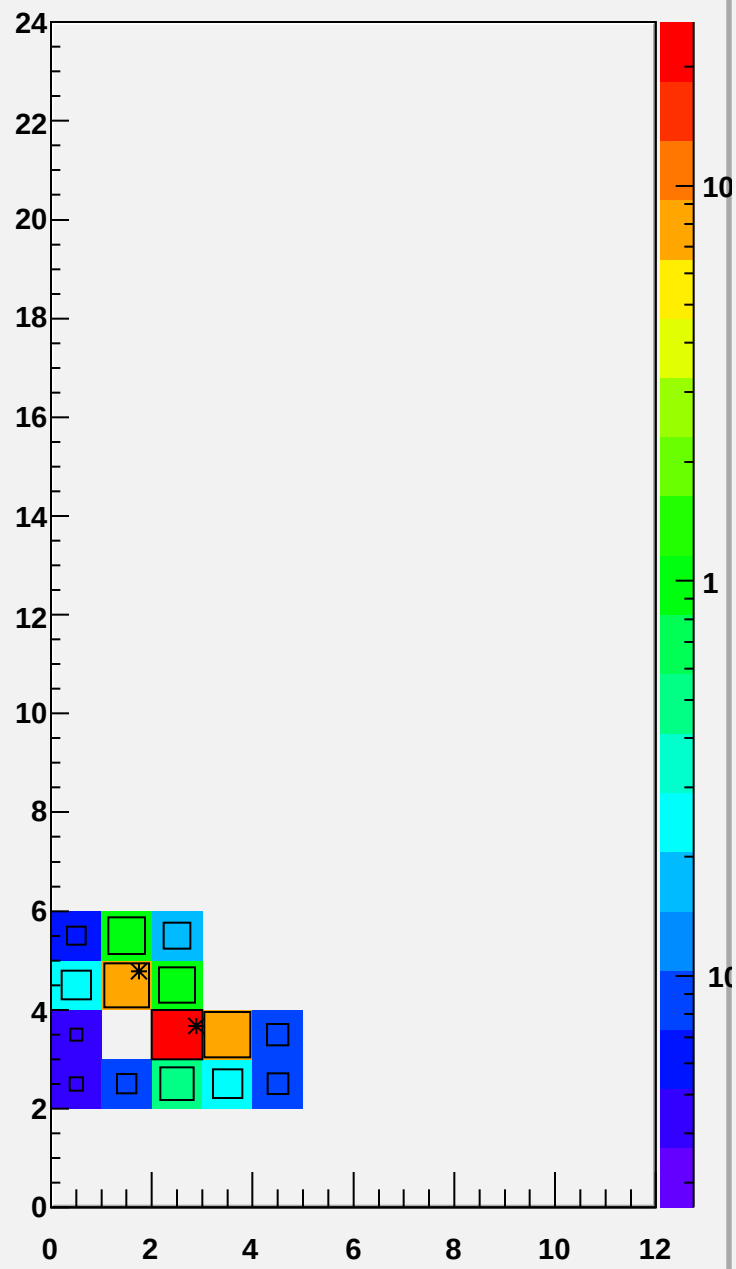
Fitted Energies



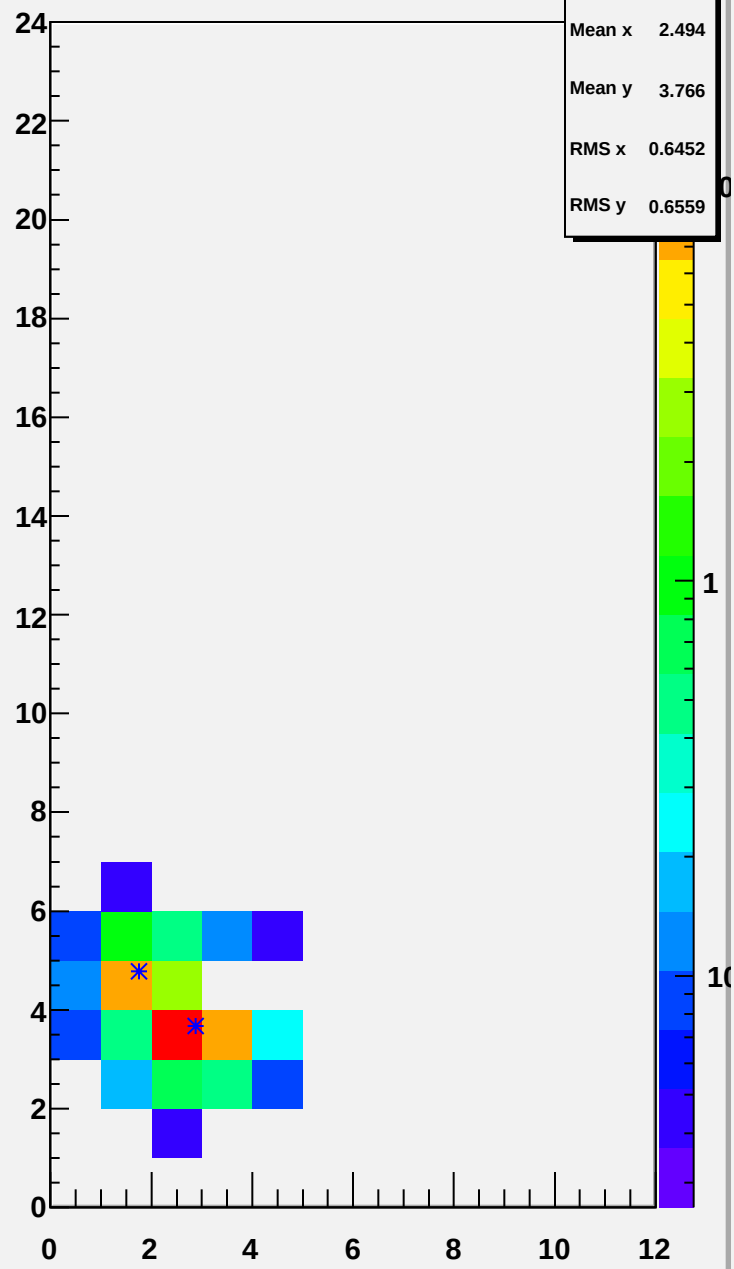
Efit

Entries	288
Mean x	2.072
Mean y	2.766
RMS x	0.6368
RMS y	1.087

NSTB3_r4_c3_En=44.1_m0=0.165_m1=0.164_index=116



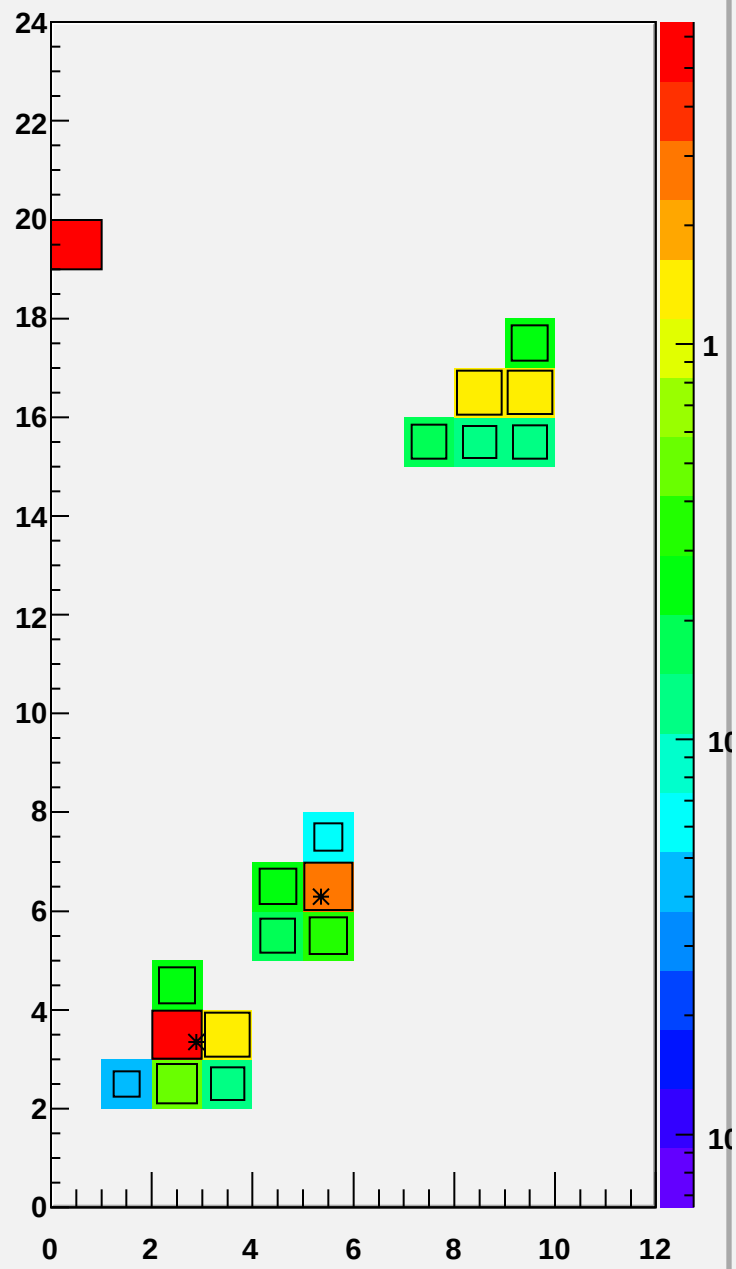
Fitted Energies



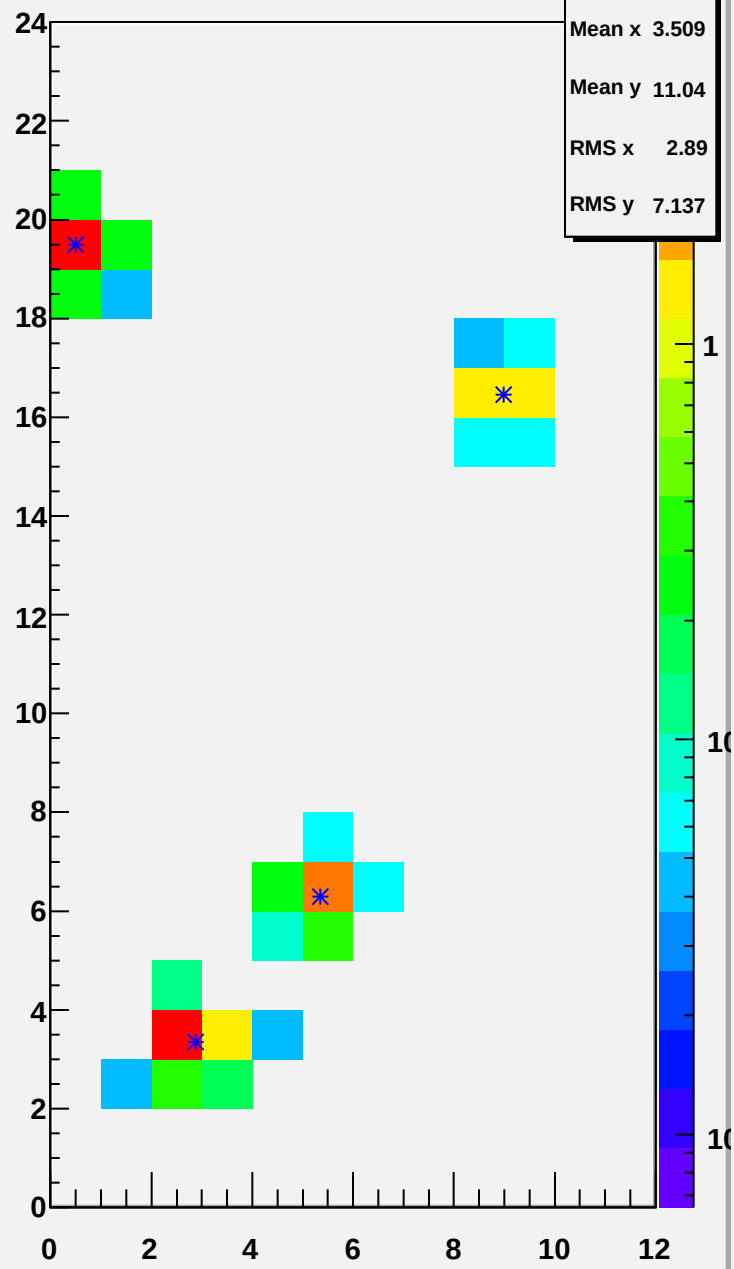
Efit

Entries	288
Mean x	2.494
Mean y	3.766
RMS x	0.6452
RMS y	0.6559

NSTB3_r4_c3_En=21.5_m0=0.118 m1=0.118 index=117



Fitted Energies



Efit

Entries 288

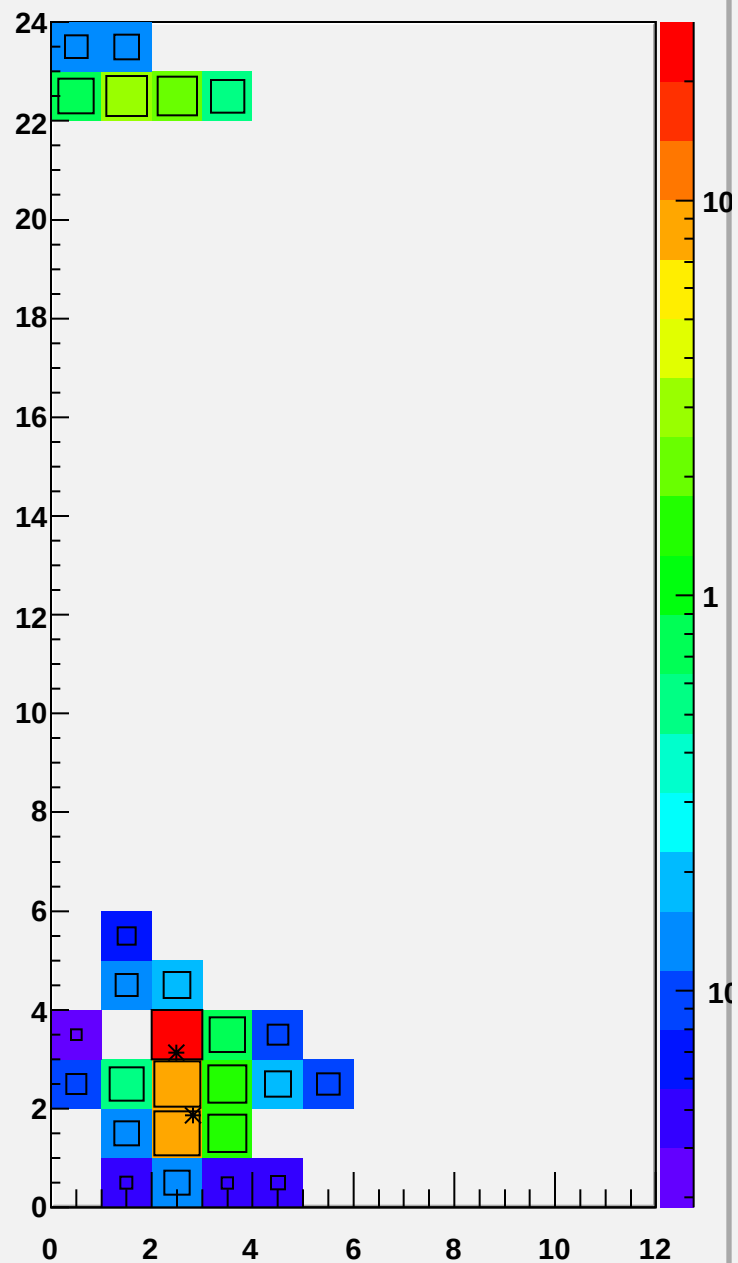
Mean x 3.509

Mean y 11.04

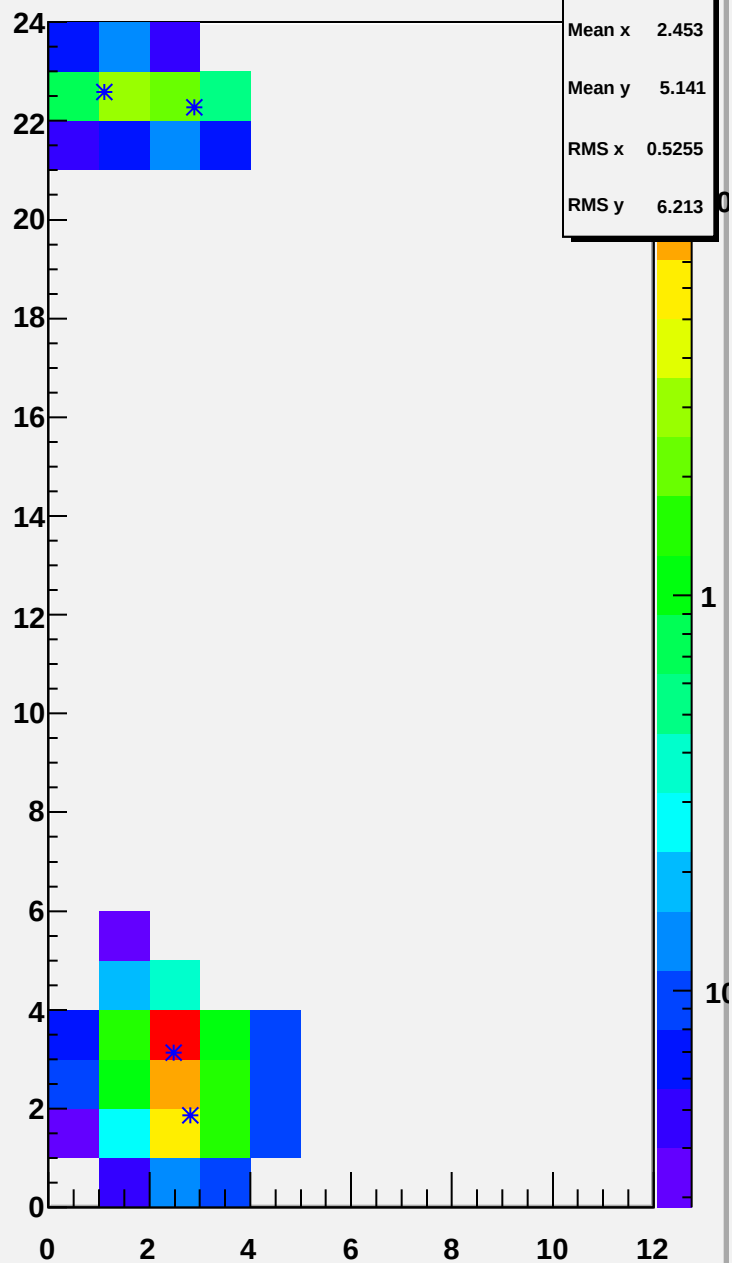
RMS x 2.89

RMS y 7.137

NSTB3_r4_c3_En=56.2_m0=0.152_m1=0.151_index=118



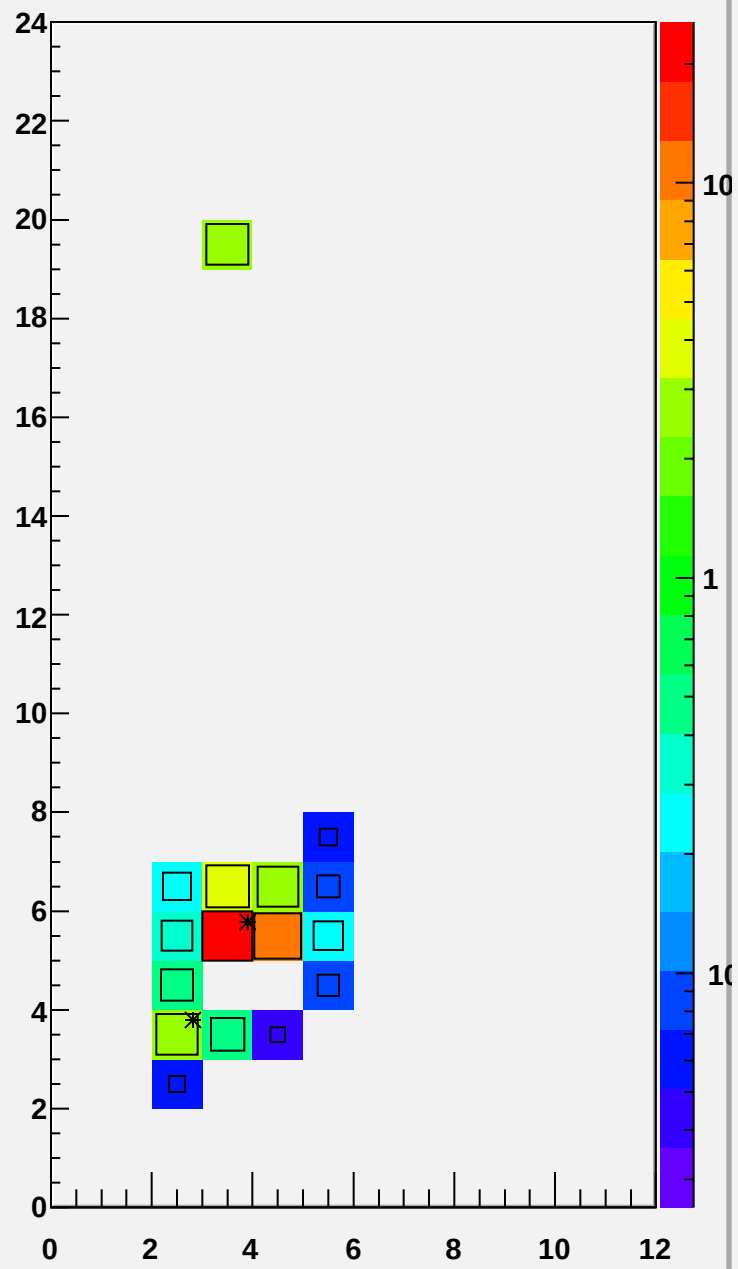
Fitted Energies



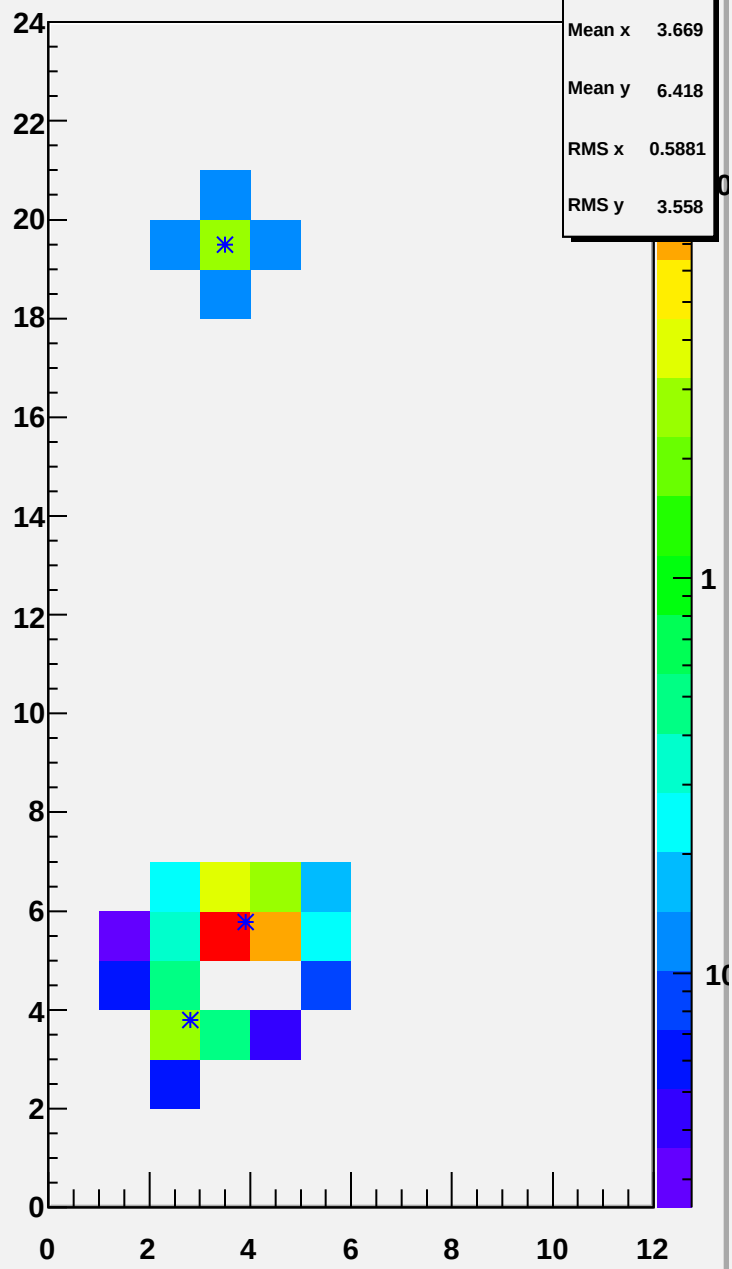
Efit

Entries	288
Mean x	2.453
Mean y	5.141
RMS x	0.5255
RMS y	6.213

NSTB3_r4_c3_En=48.7_m0=0.165 m1=0.165 index=119



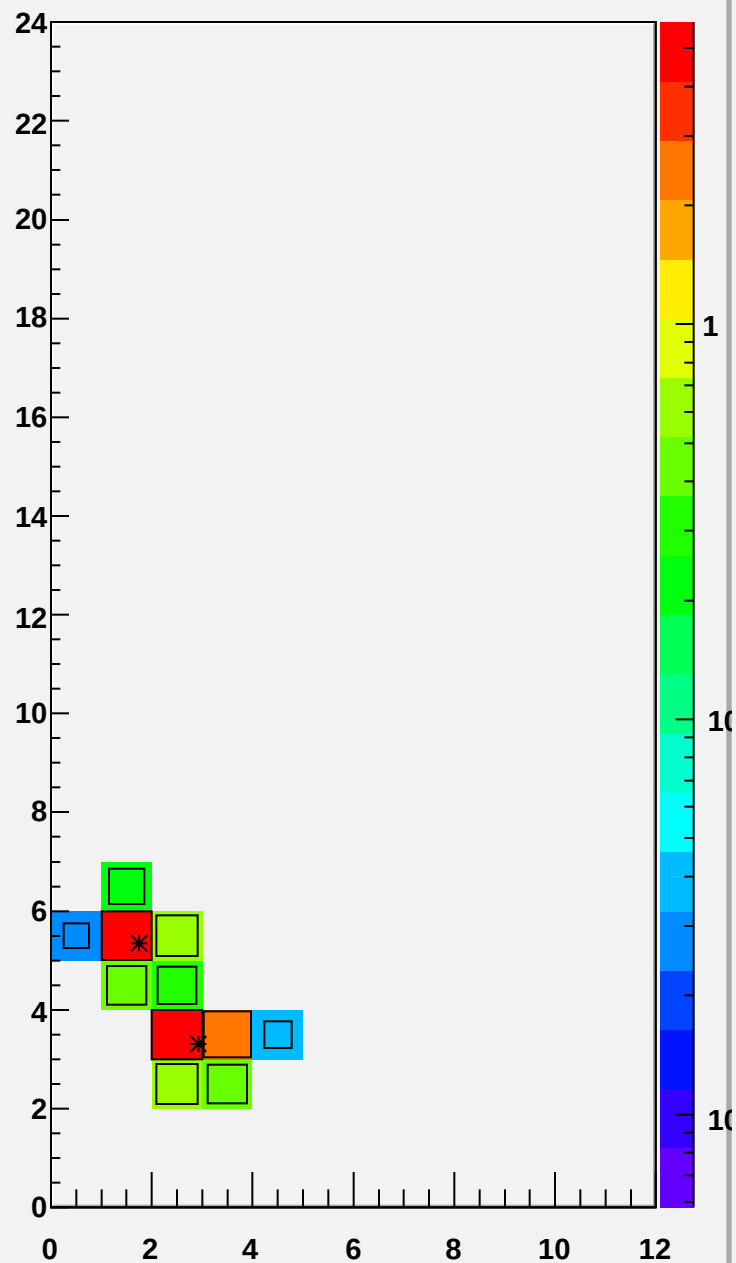
Fitted Energies



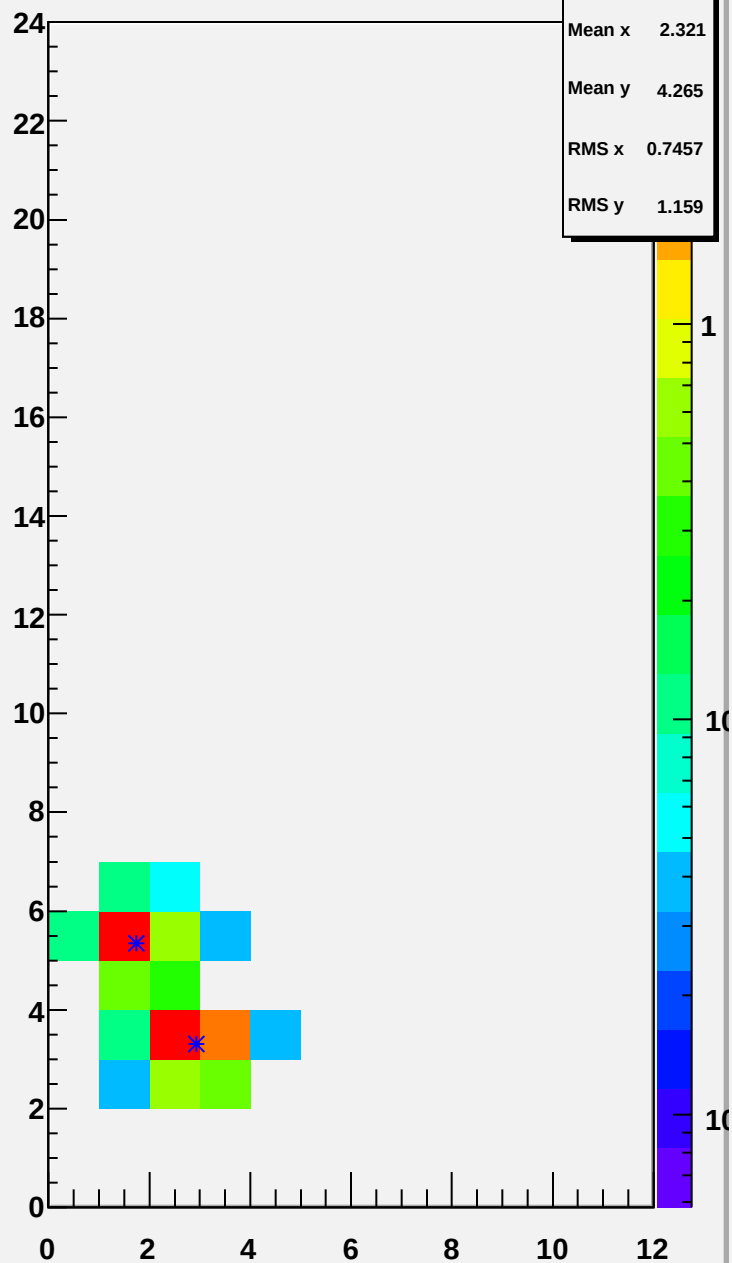
Efit

Entries	288
Mean x	3.669
Mean y	6.418
RMS x	0.5881
RMS y	3.558

NSTB3_r4_c3_En=16.0_m0=0.105_m1=0.105_index=120



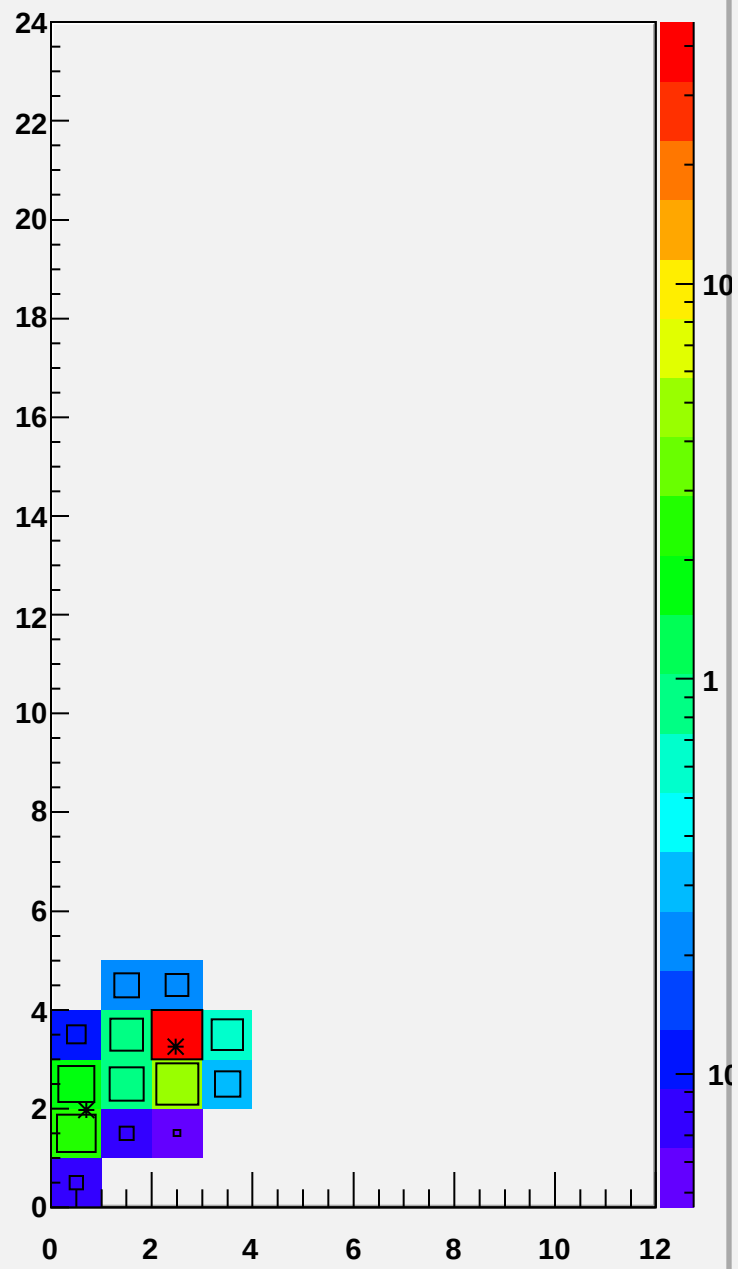
Fitted Energies



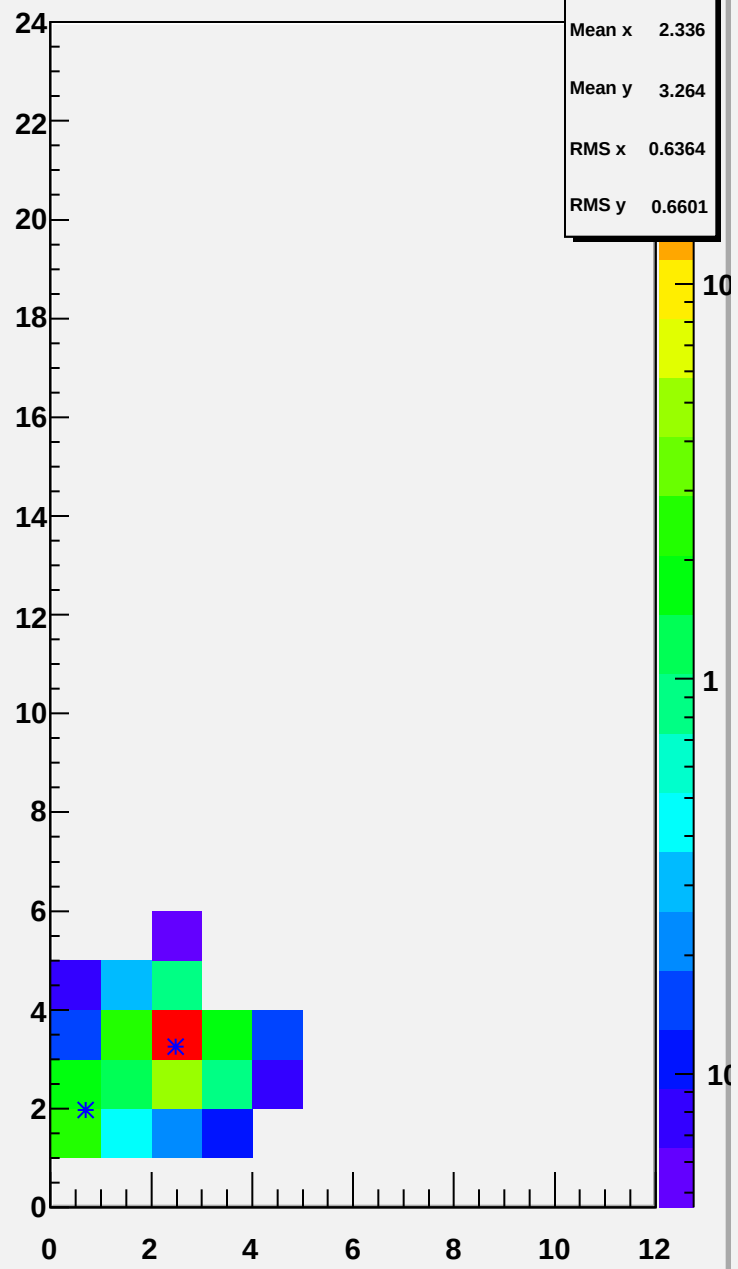
Efit

Entries	288
Mean x	2.321
Mean y	4.265
RMS x	0.7457
RMS y	1.159

NSTB3_r4_c3_En=59.4_m0=0.212 m1=0.212 index=121



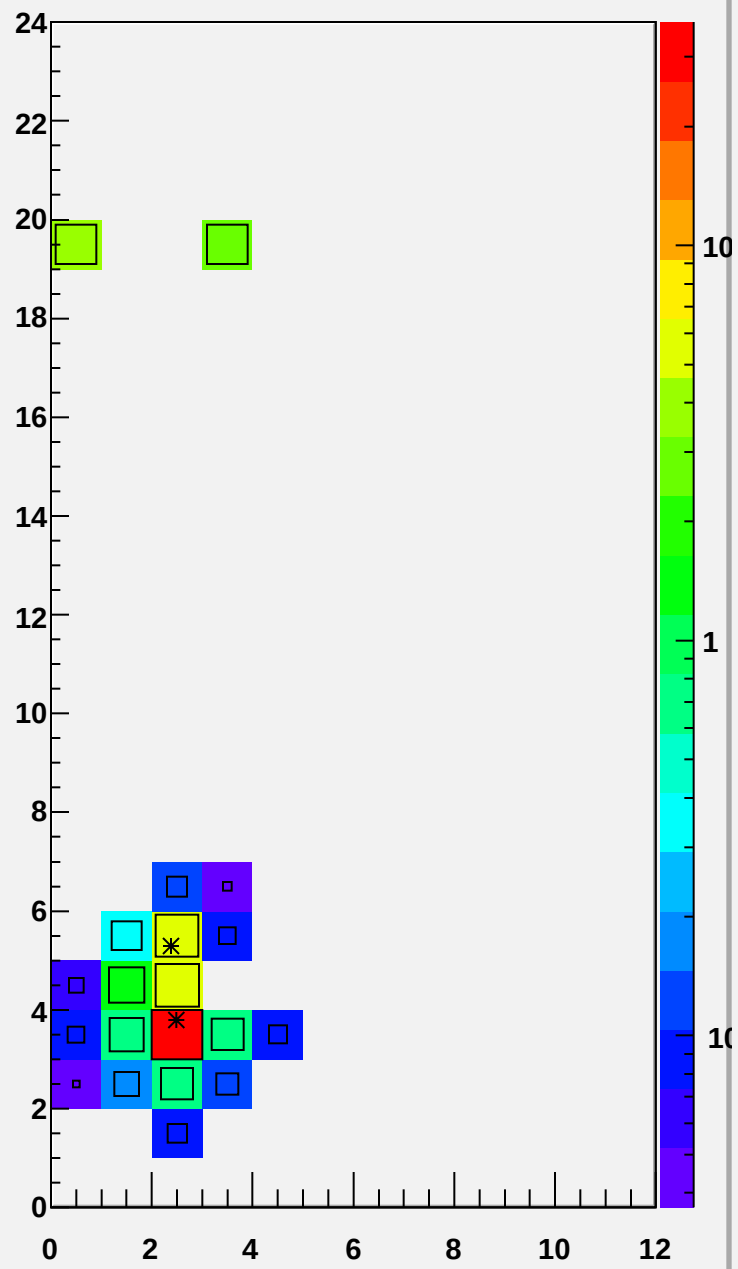
Fitted Energies



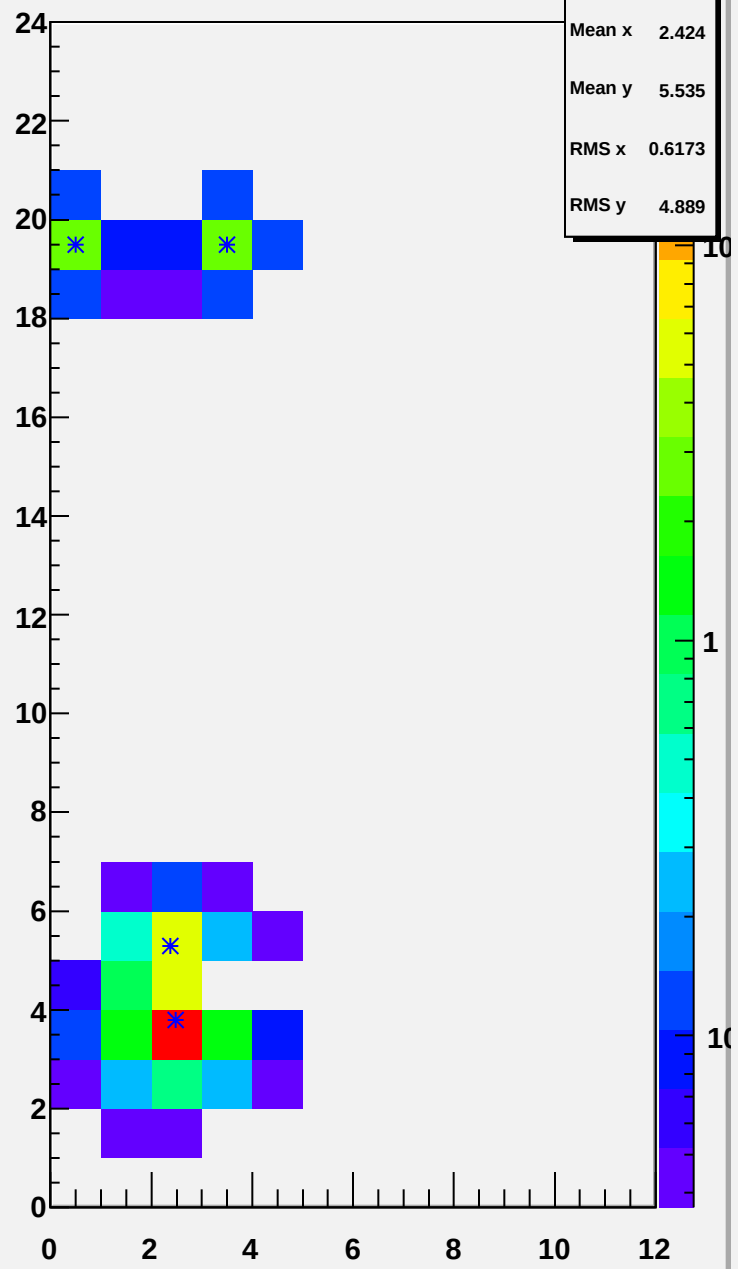
Efit

Entries	288
Mean x	2.336
Mean y	3.264
RMS x	0.6364
RMS y	0.6601

NSTB3_r4_c3_En=59.7_m0=0.151 m1=0.151 index=122



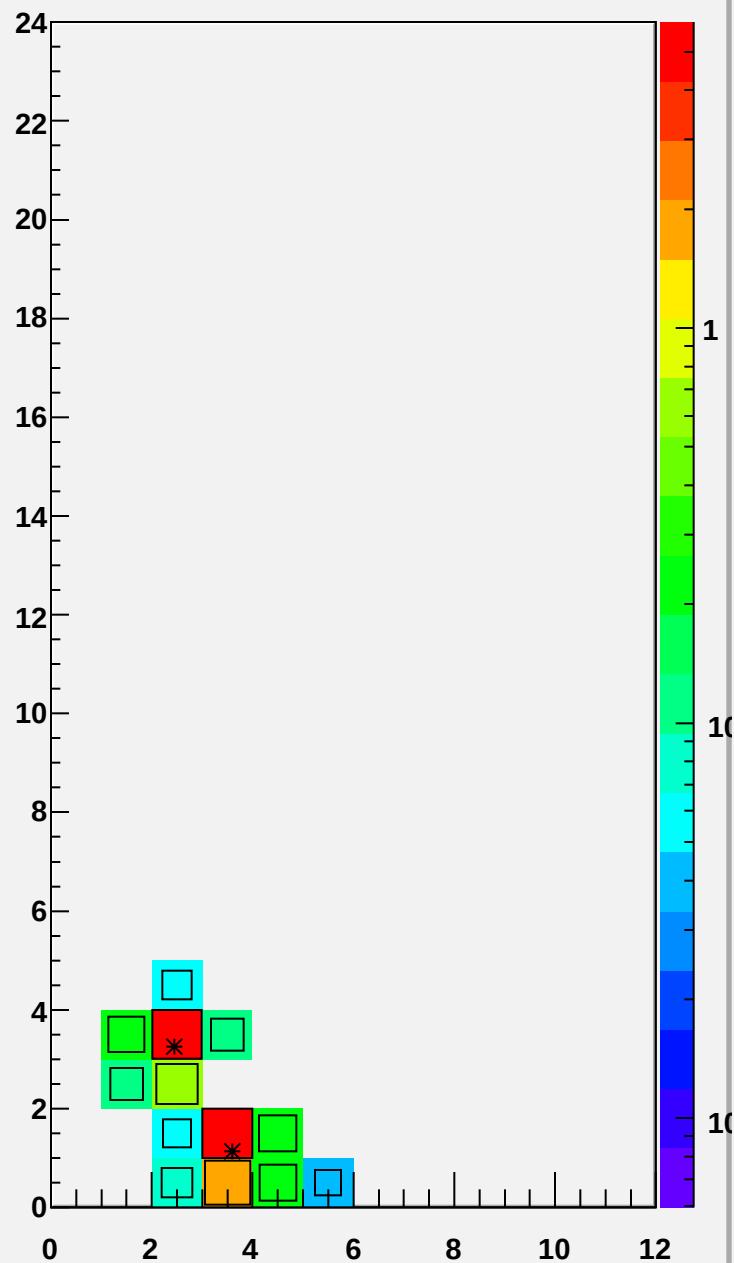
Fitted Energies



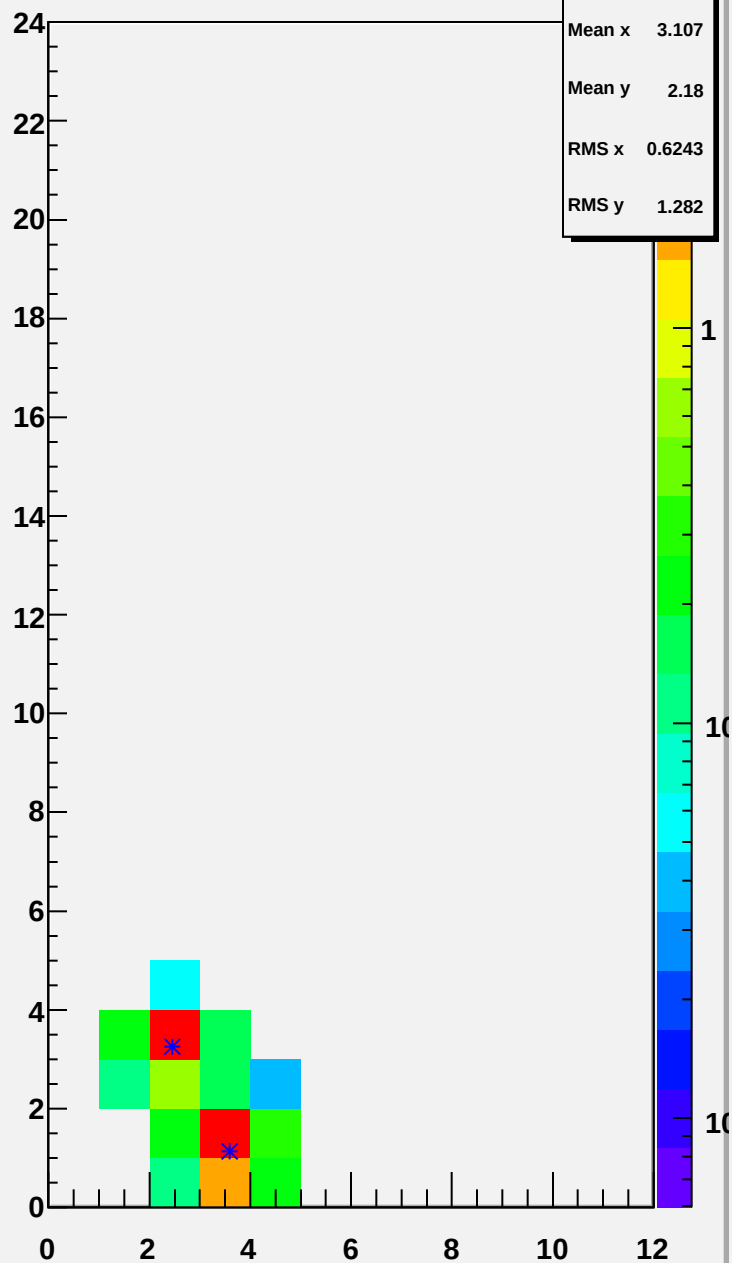
Efit

Entries	288
Mean x	2.424
Mean y	5.535
RMS x	0.6173
RMS y	4.889

NSTB3_r4_c3_En=13.8_m0=0.095_m1=0.095_index=123



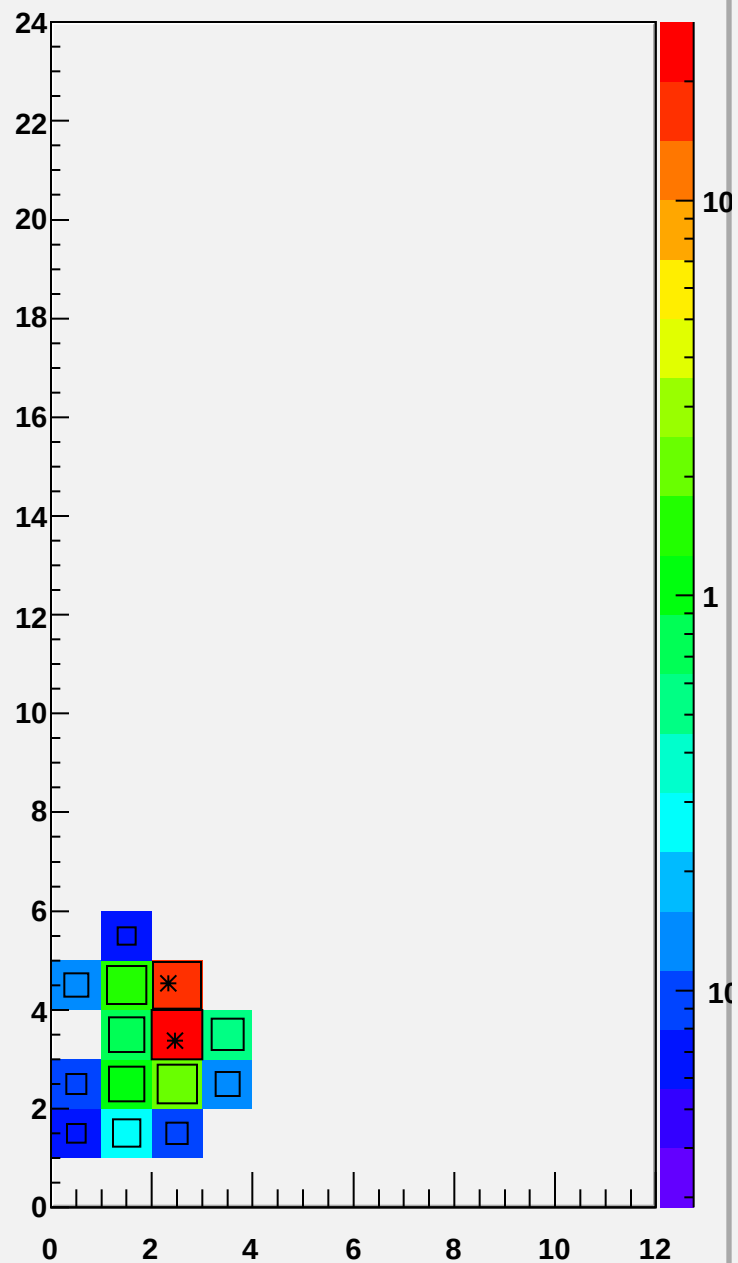
Fitted Energies



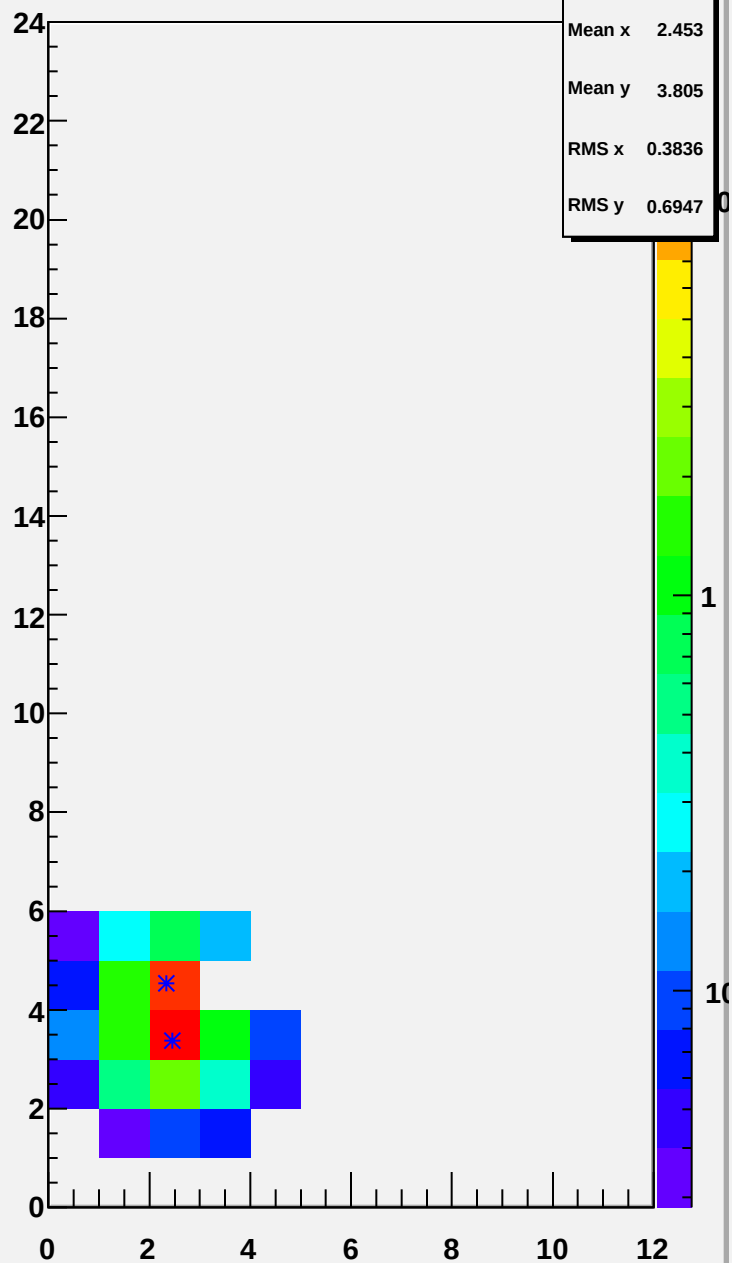
Efit

Entries	288
Mean x	3.107
Mean y	2.18
RMS x	0.6243
RMS y	1.282

NSTB3_r4_c3_En=49.5_m0=0.155_m1=0.155_index=124



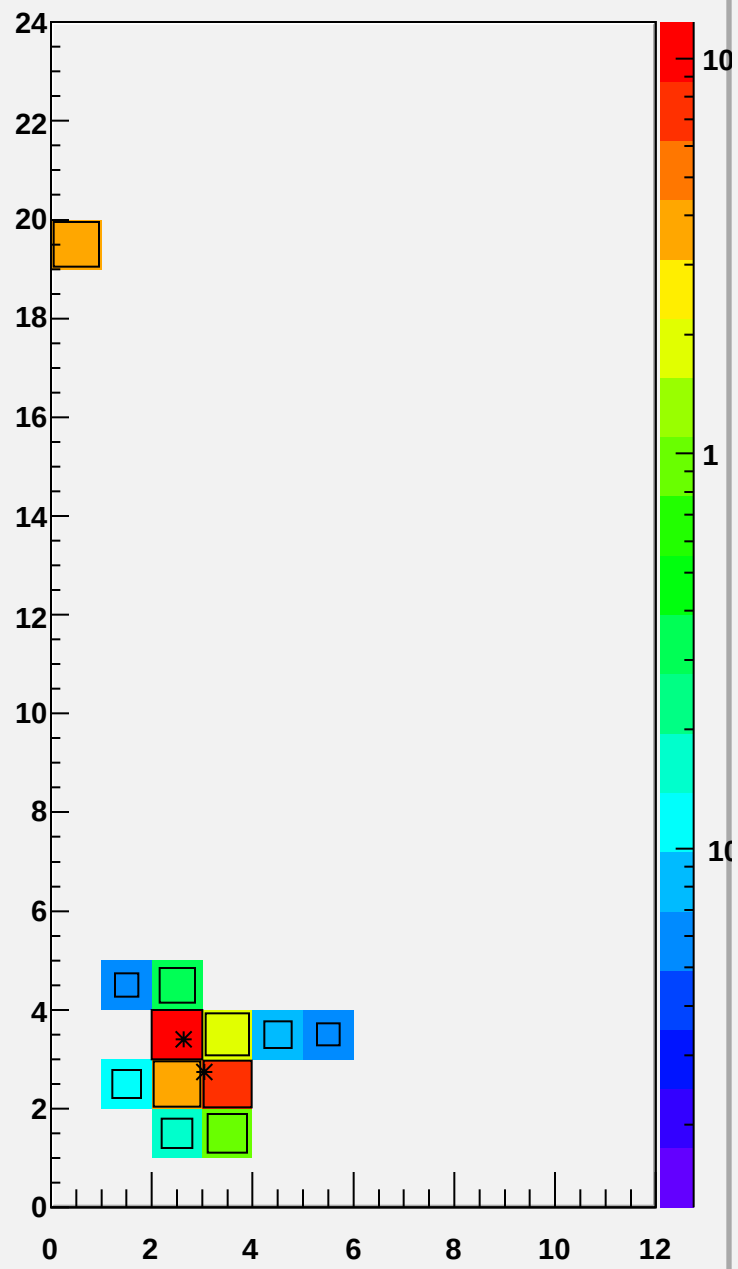
Fitted Energies



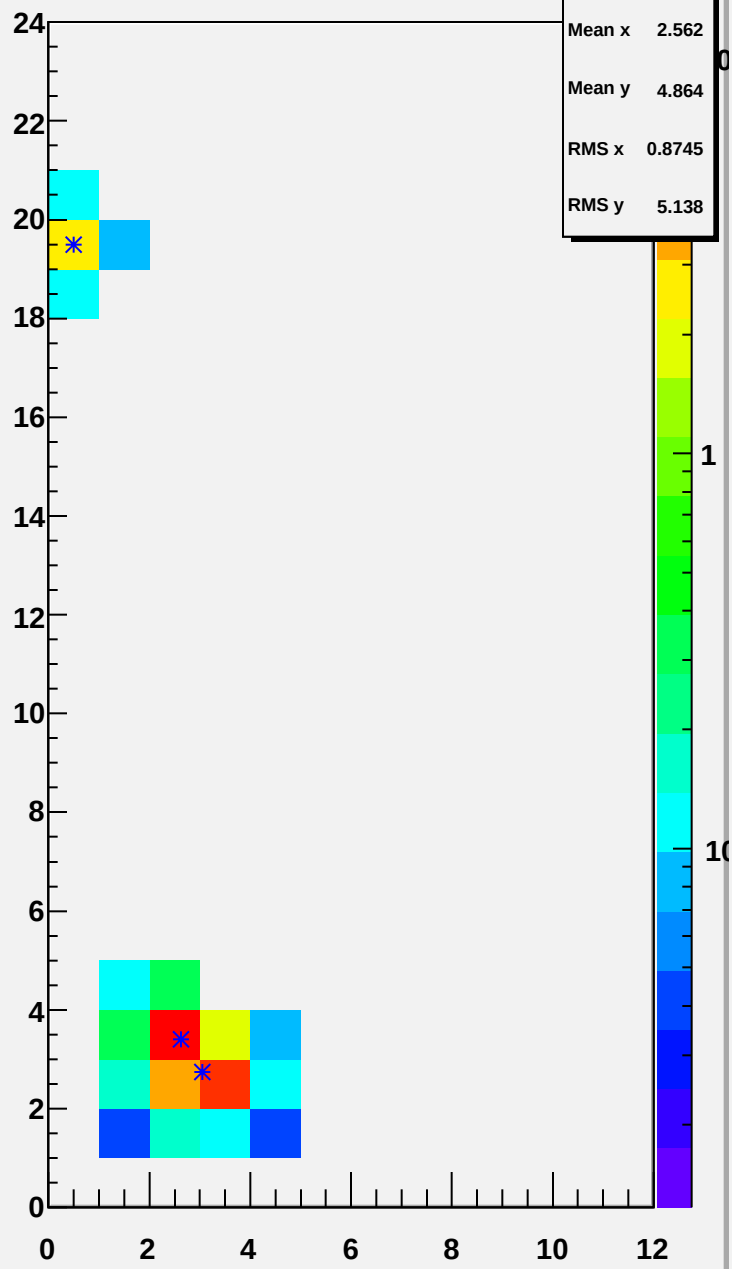
Efit

Entries	288
Mean x	2.453
Mean y	3.805
RMS x	0.3836
RMS y	0.6947

NSTB3_r4_c3_En=29.7_m0=0.056 m1=0.056 index=125



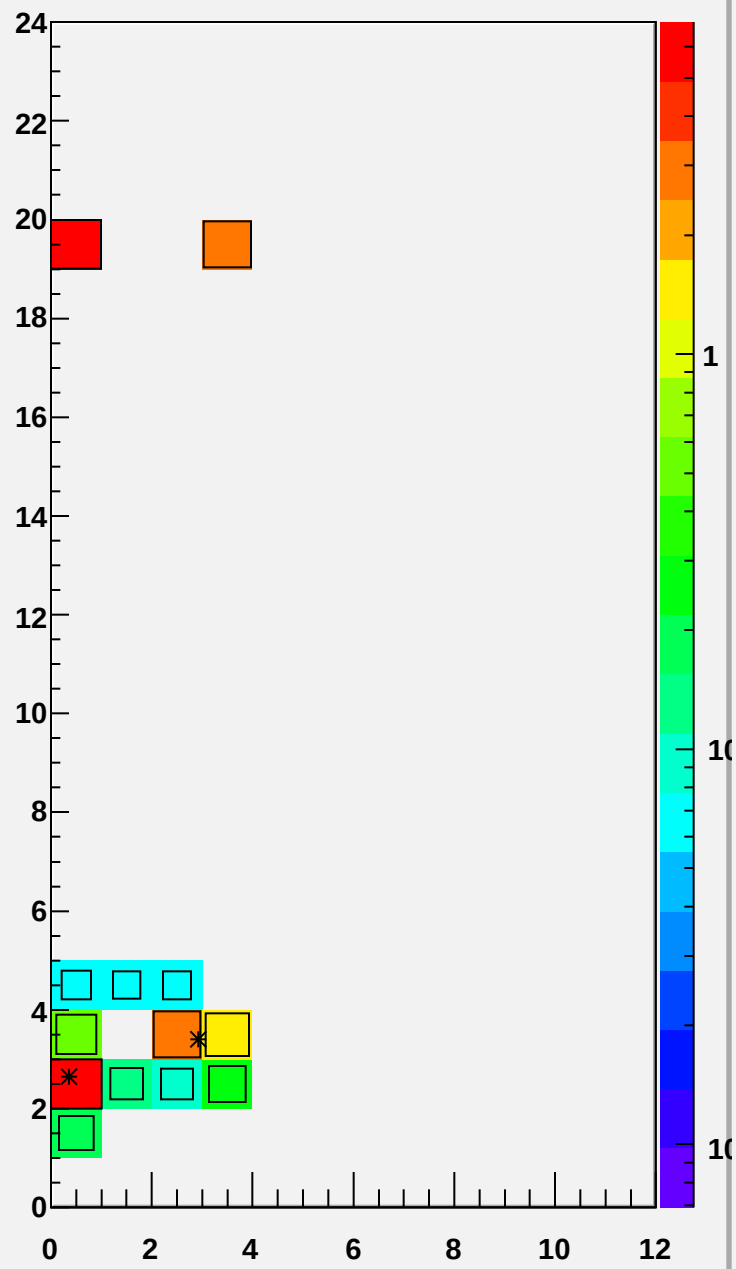
Fitted Energies



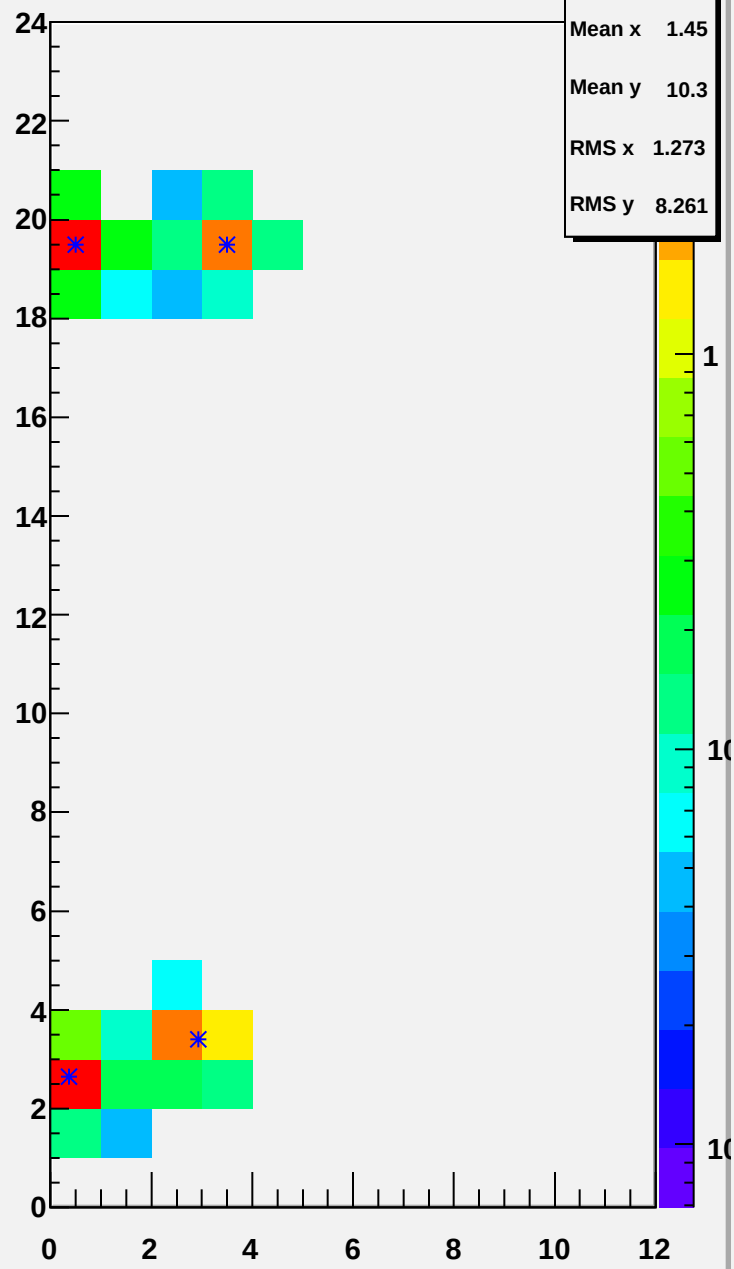
Efit

Entries	288
Mean x	2.562
Mean y	4.864
RMS x	0.8745
RMS y	5.138

NSTB3_r4_c3_En=22.2_m0=0.094_m1=0.094_index=126



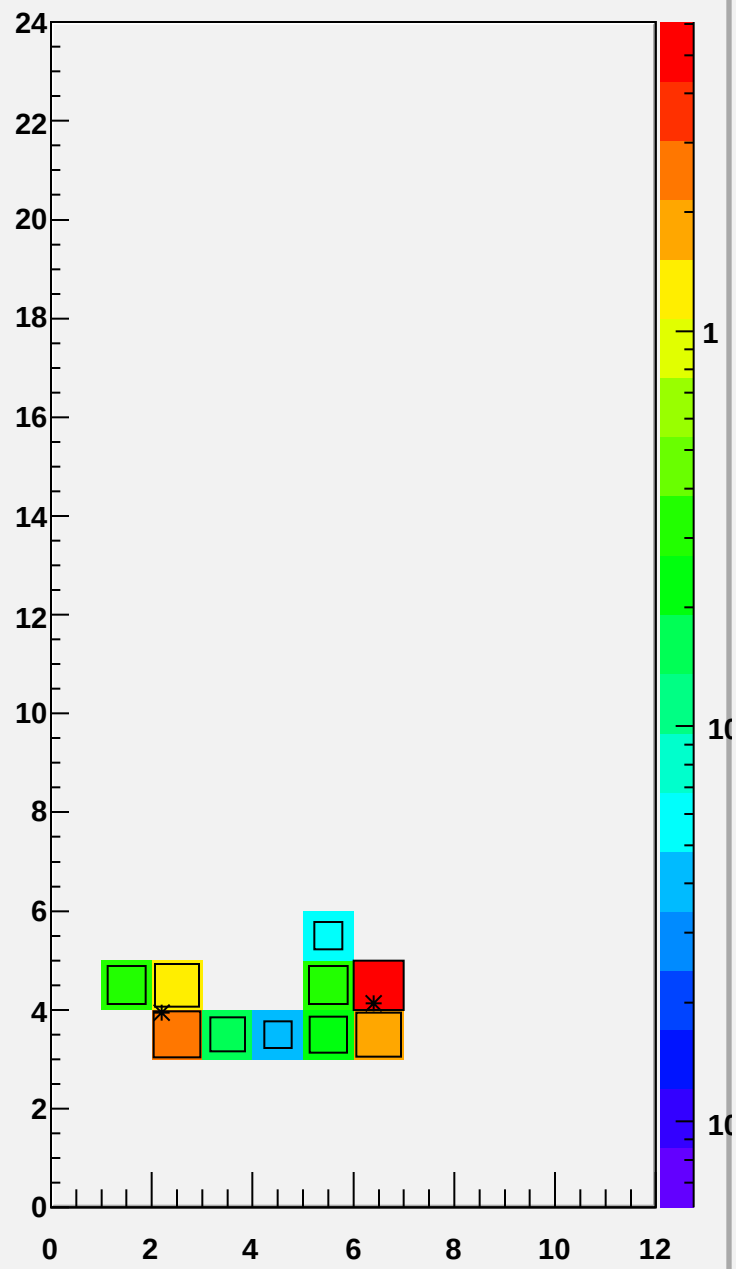
Fitted Energies



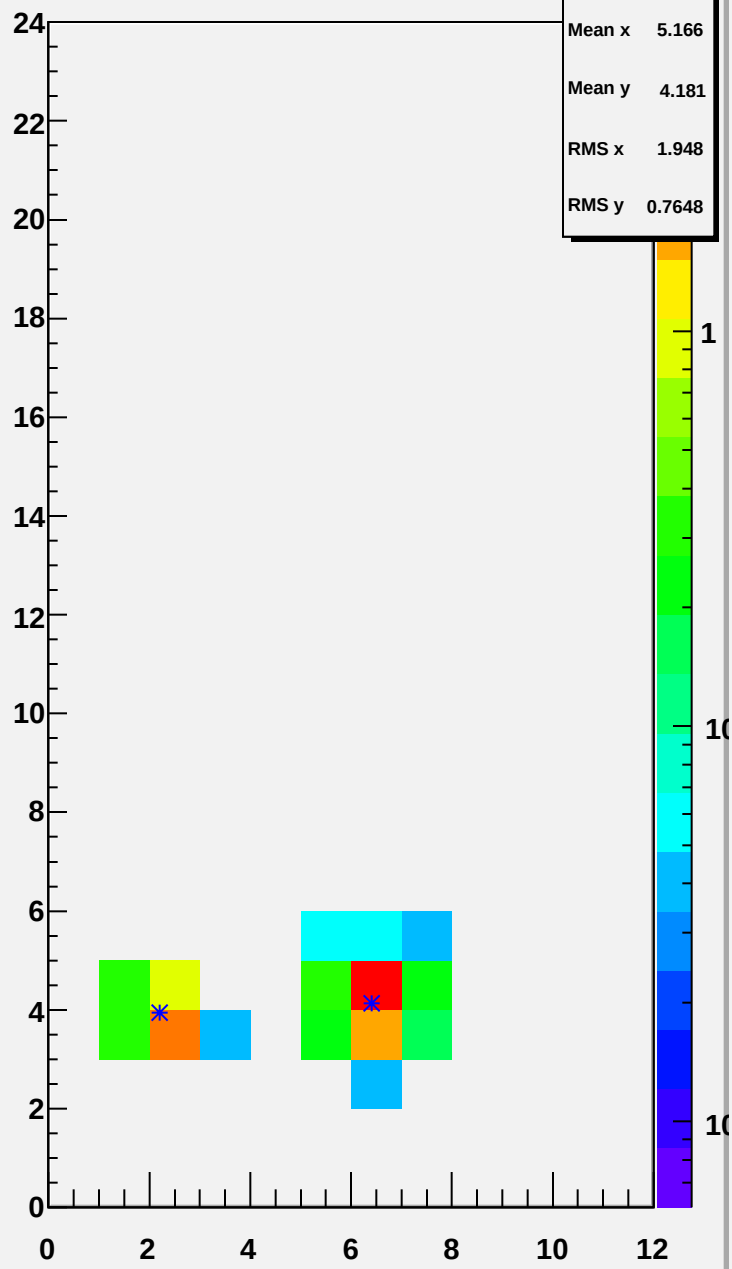
Efit

Entries 288
Mean x 1.45
Mean y 10.3
RMS x 1.273
RMS y 8.261

NSTB3_r4_c3_En=12.3_m0=0.143 m1=0.143 index=127



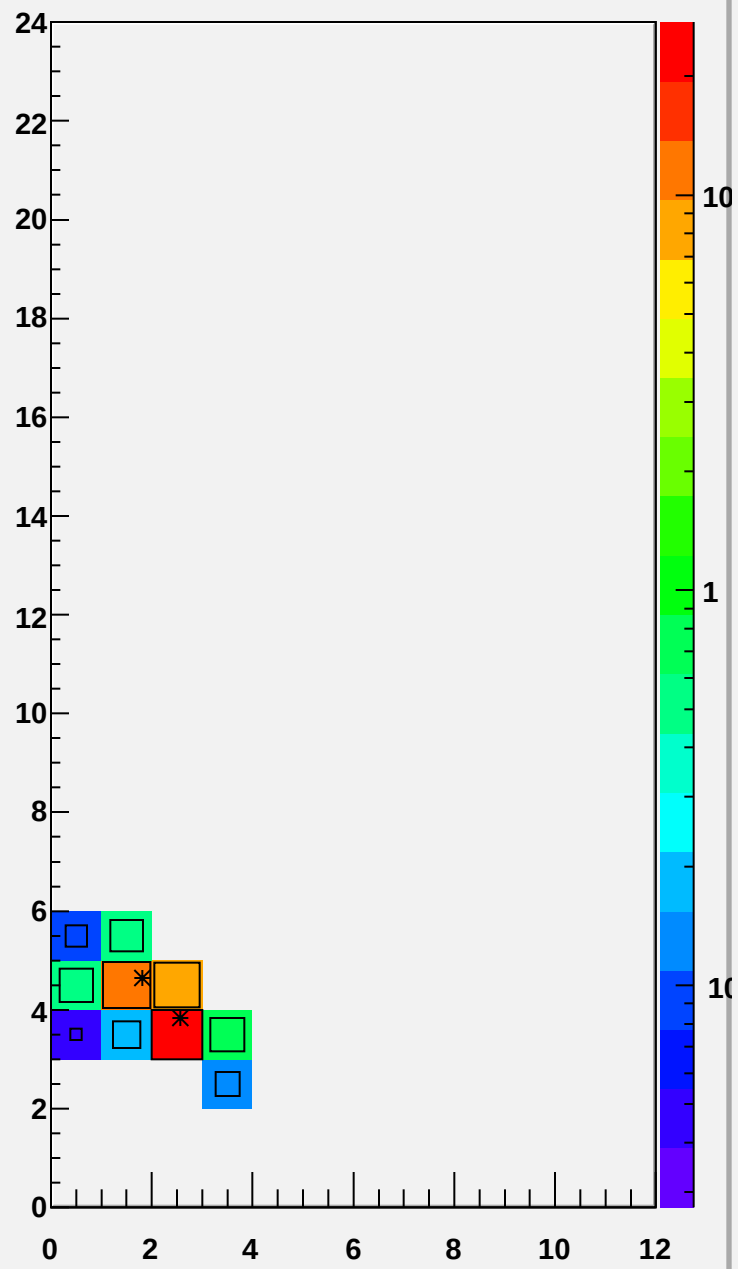
Fitted Energies



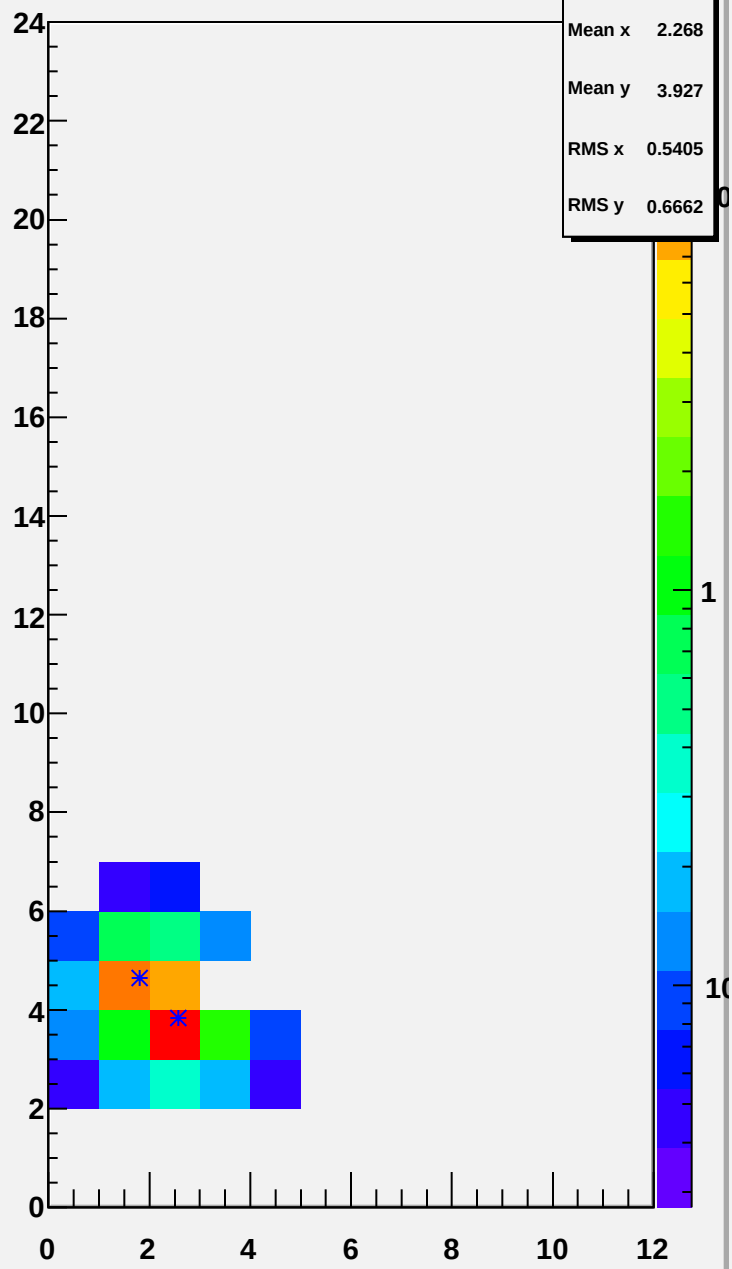
Efit

Entries	288
Mean x	5.166
Mean y	4.181
RMS x	1.948
RMS y	0.7648

NSTB3_r4_c3_En=48.4_m0=0.136 m1=0.135 index=128



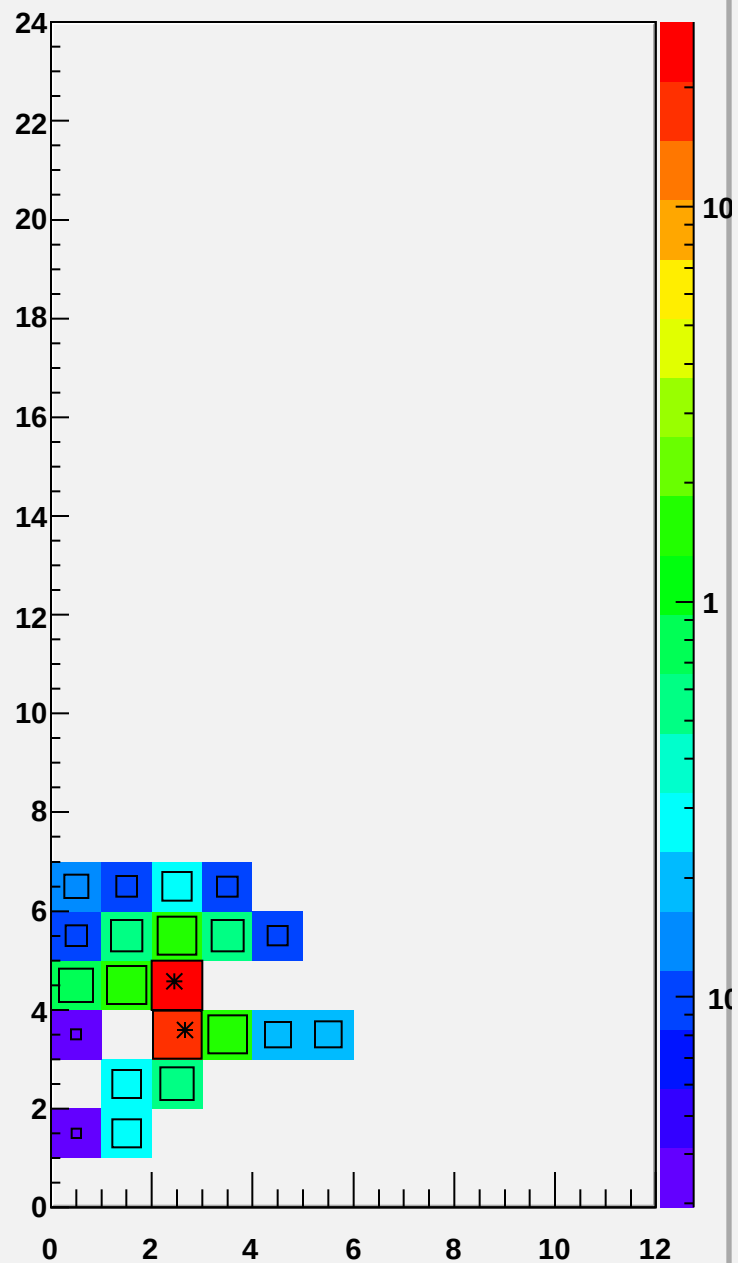
Fitted Energies



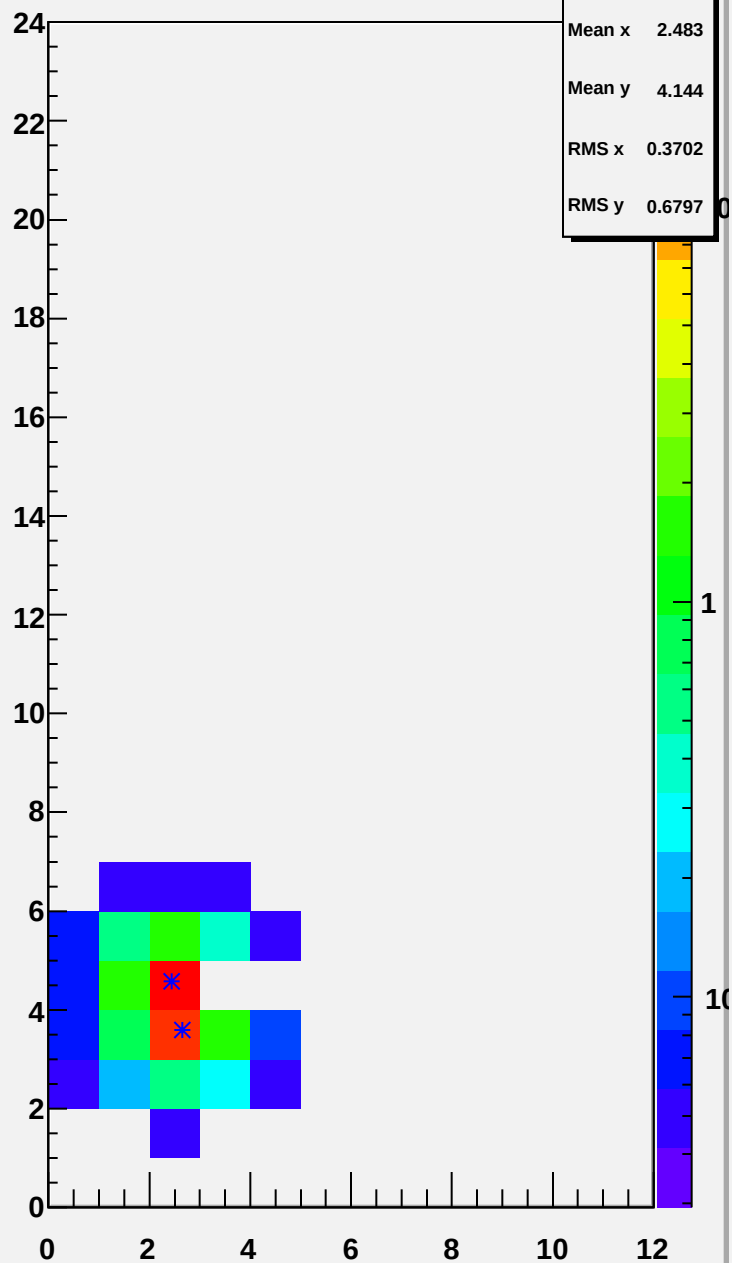
Efit

Entries	288
Mean x	2.268
Mean y	3.927
RMS x	0.5405
RMS y	0.6662

NSTB3_r4_c3_En=56.6_m0=0.154_m1=0.153_index=129



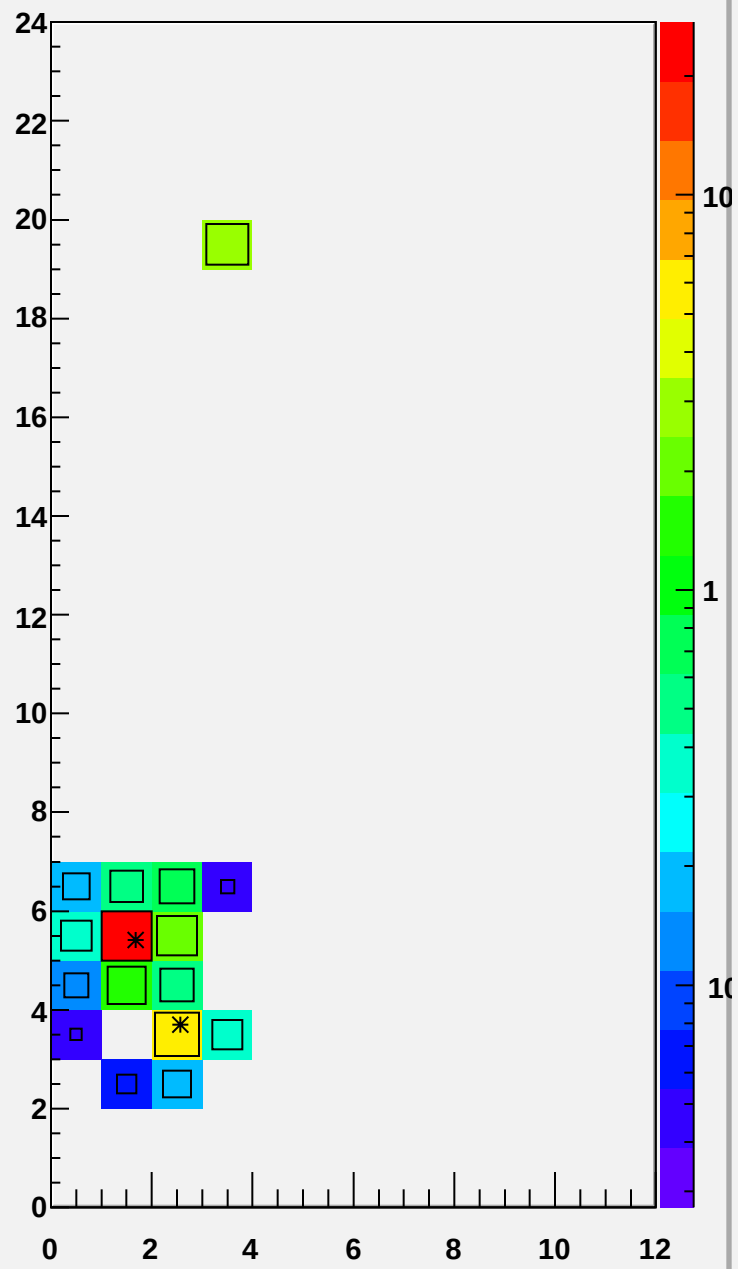
Fitted Energies



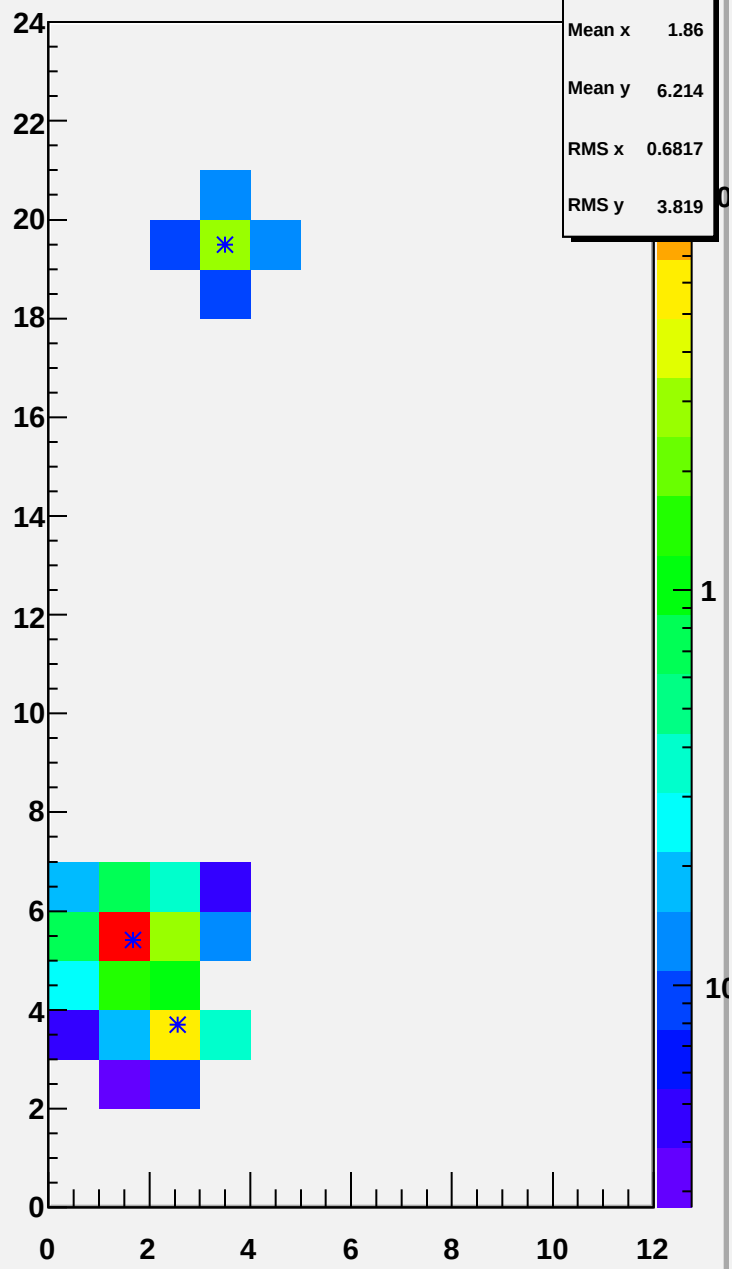
Efit

Entries	288
Mean x	2.483
Mean y	4.144
RMS x	0.3702
RMS y	0.6797

NSTB3_r4_c3_En=42.8_m0=0.163 m1=0.163 index=130



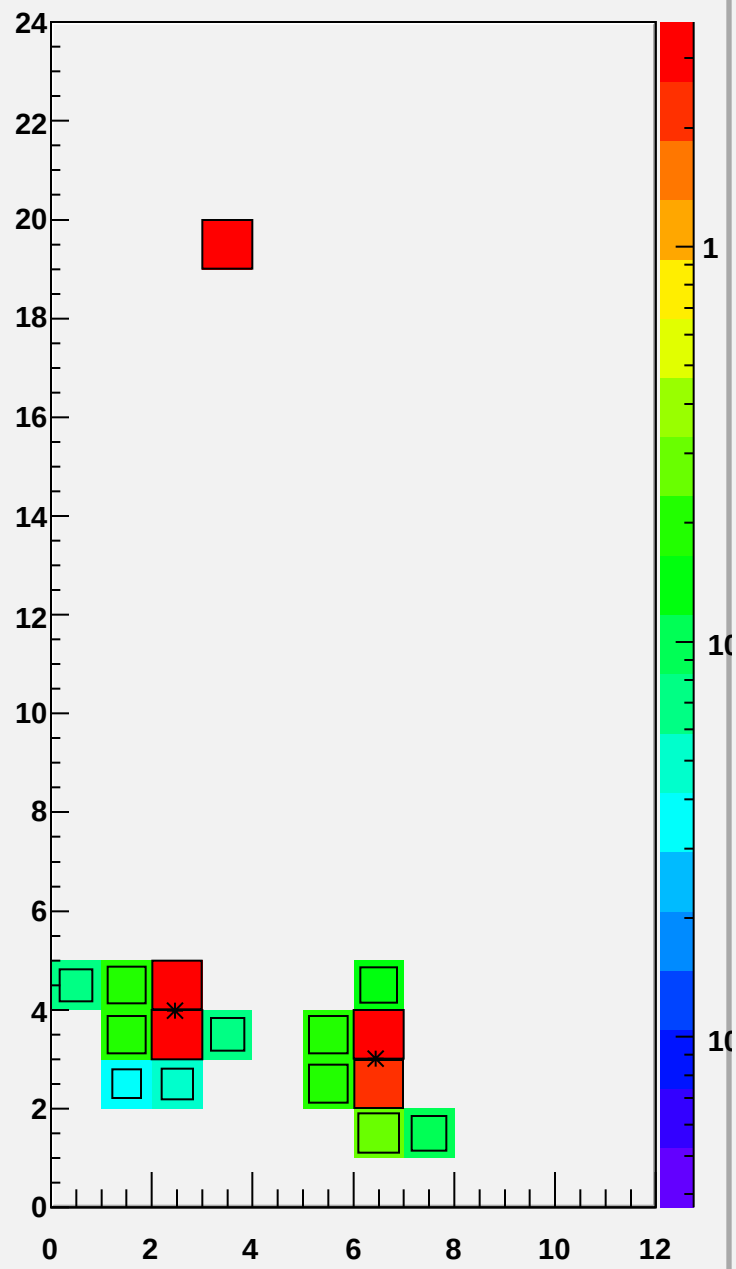
Fitted Energies



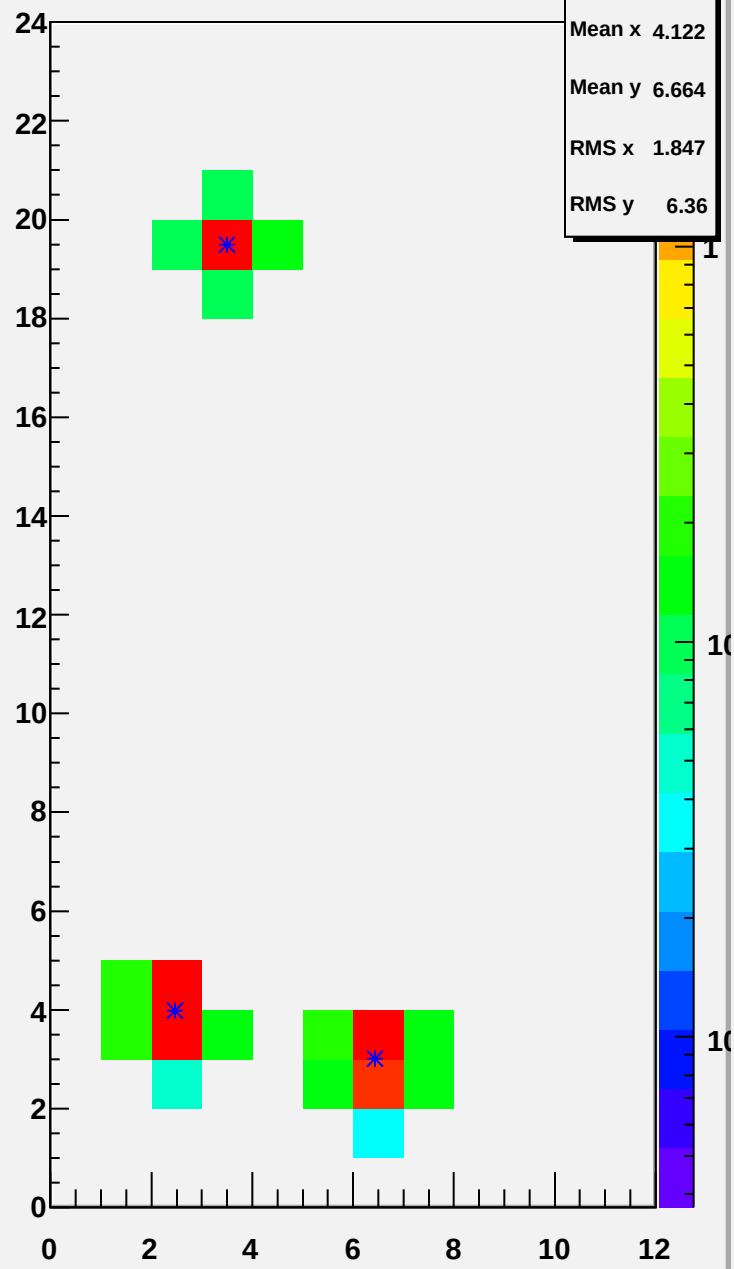
Efit

Entries	288
Mean x	1.86
Mean y	6.214
RMS x	0.6817
RMS y	3.819

NSTB3_r4_c3_En=17.0_m0=0.162 m1=0.162 index=131



Fitted Energies



Efit

Entries 288

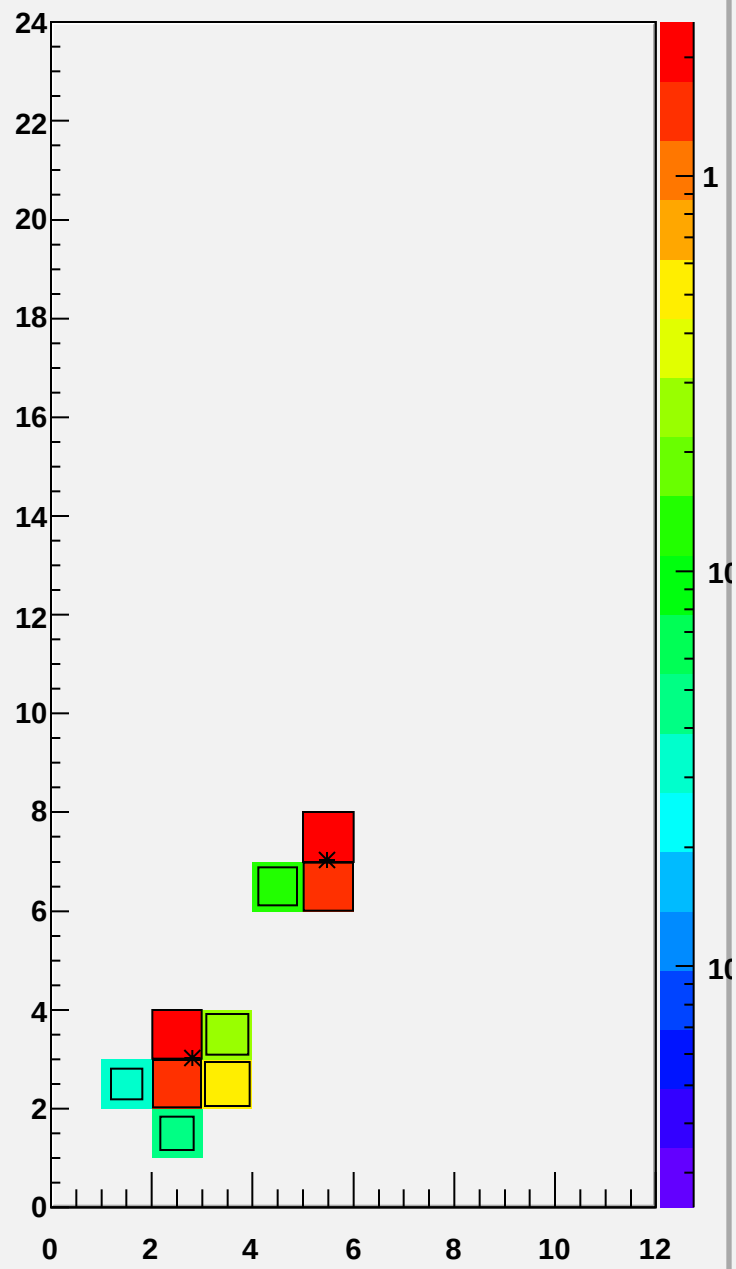
Mean x 4.122

Mean y 6.664

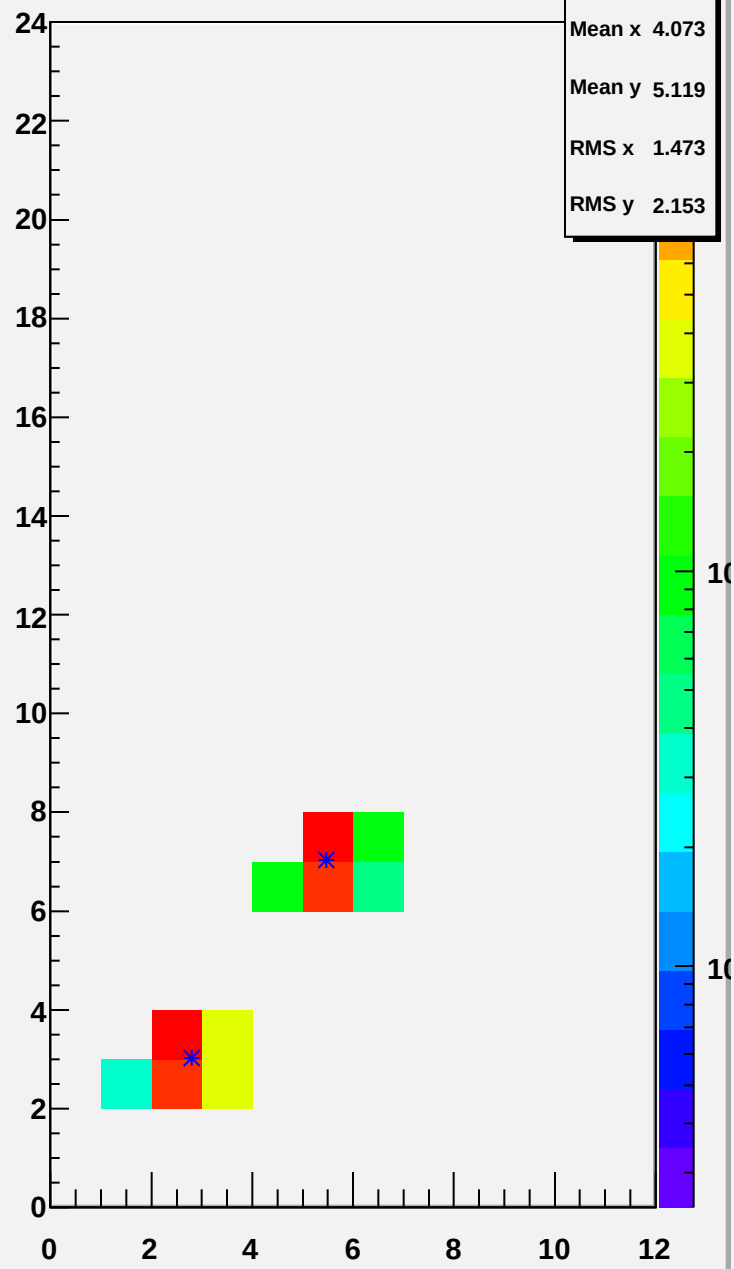
RMS x 1.847

RMS y 6.36

NSTB3_r4_c3_En= 8.6_m0=0.122 m1=0.122 index=132



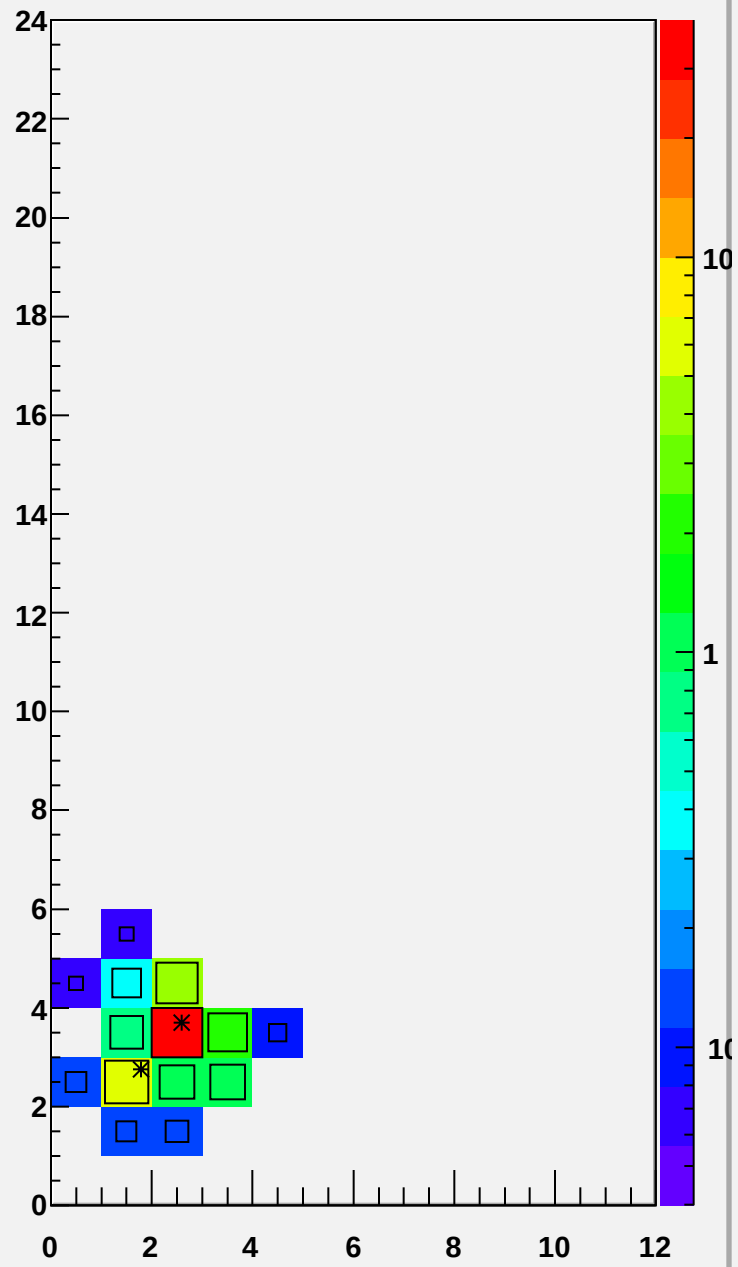
Fitted Energies



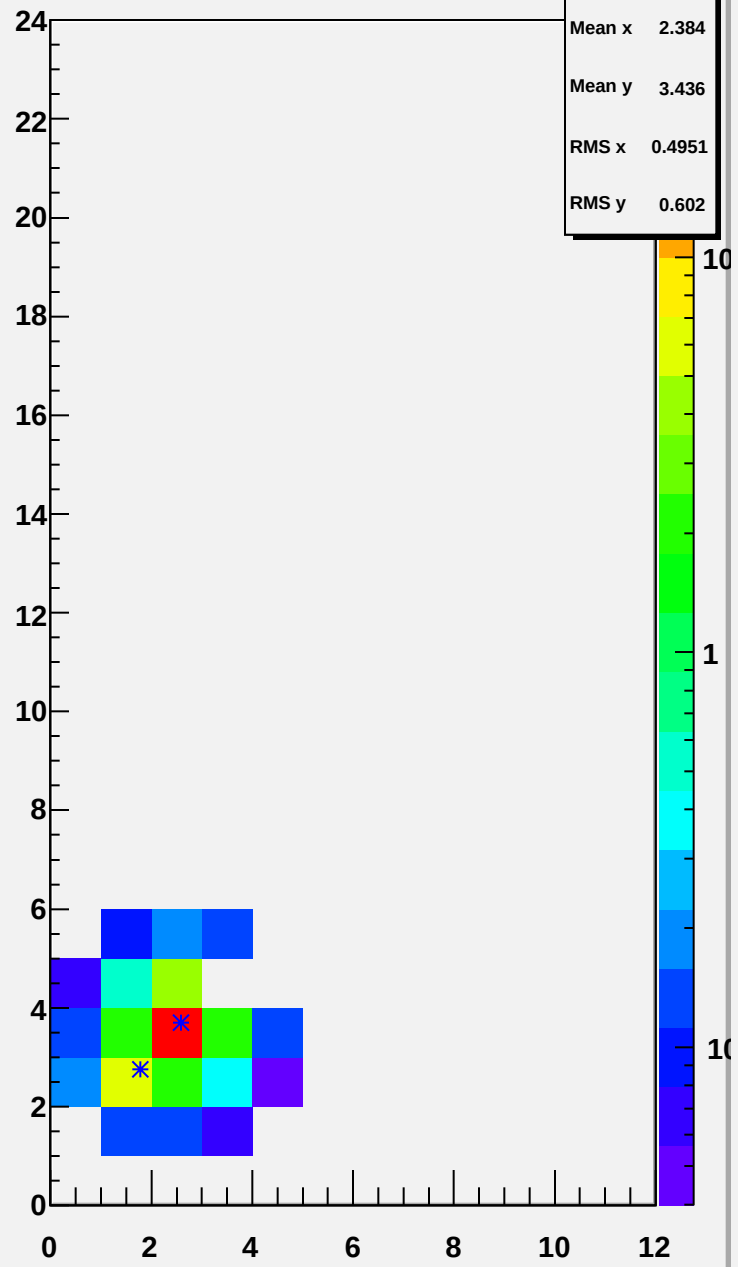
Efit

Entries 288
Mean x 4.073
Mean y 5.119
RMS x 1.473
RMS y 2.153

NSTB3_r4_c3_En=56.3_m0=0.144 m1=0.144 index=133



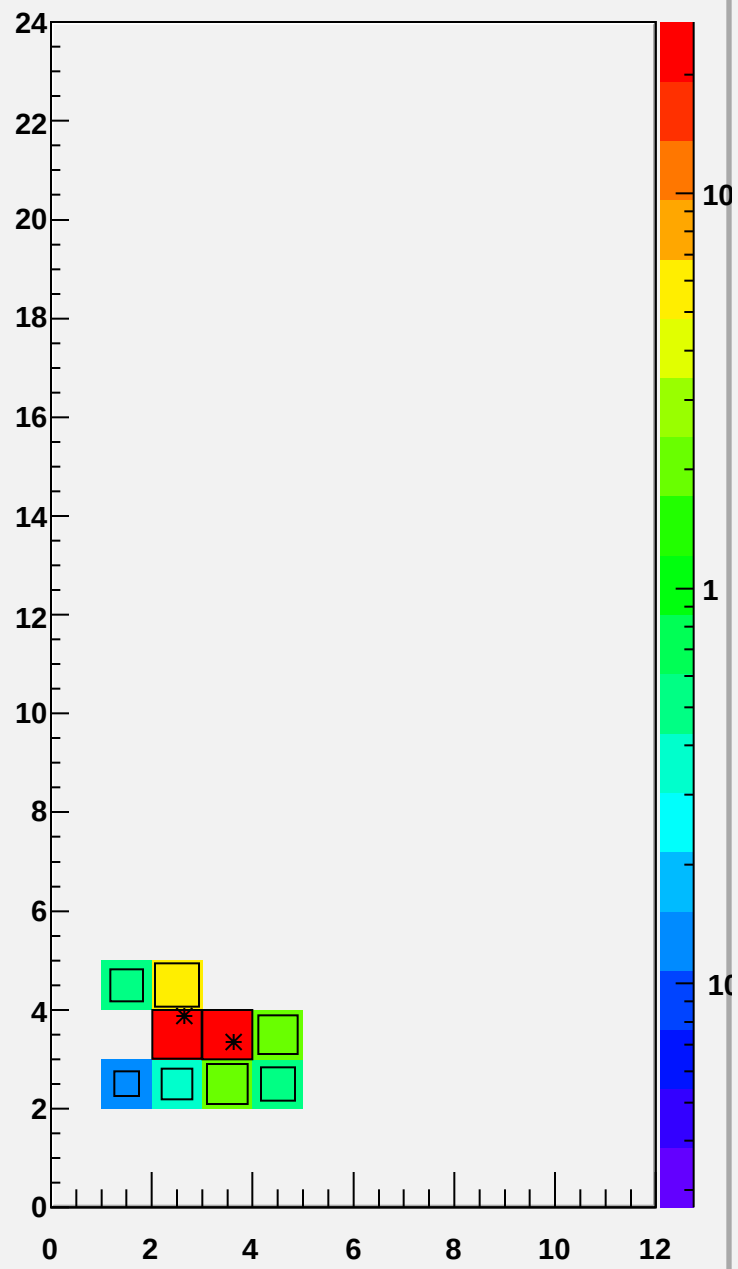
Fitted Energies



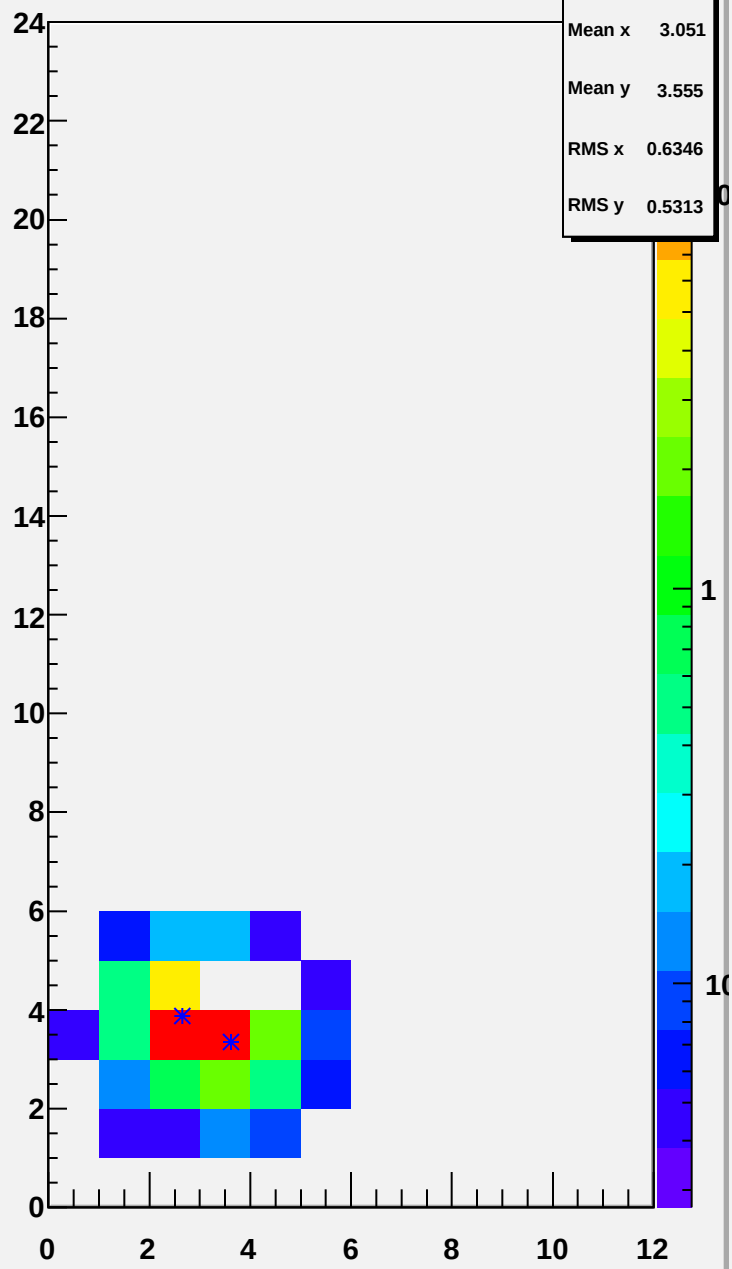
Efit

Entries	288
Mean x	2.384
Mean y	3.436
RMS x	0.4951
RMS y	0.602

NSTB3_r4_c3_En=60.0_m0=0.190_m1=0.189_index=134



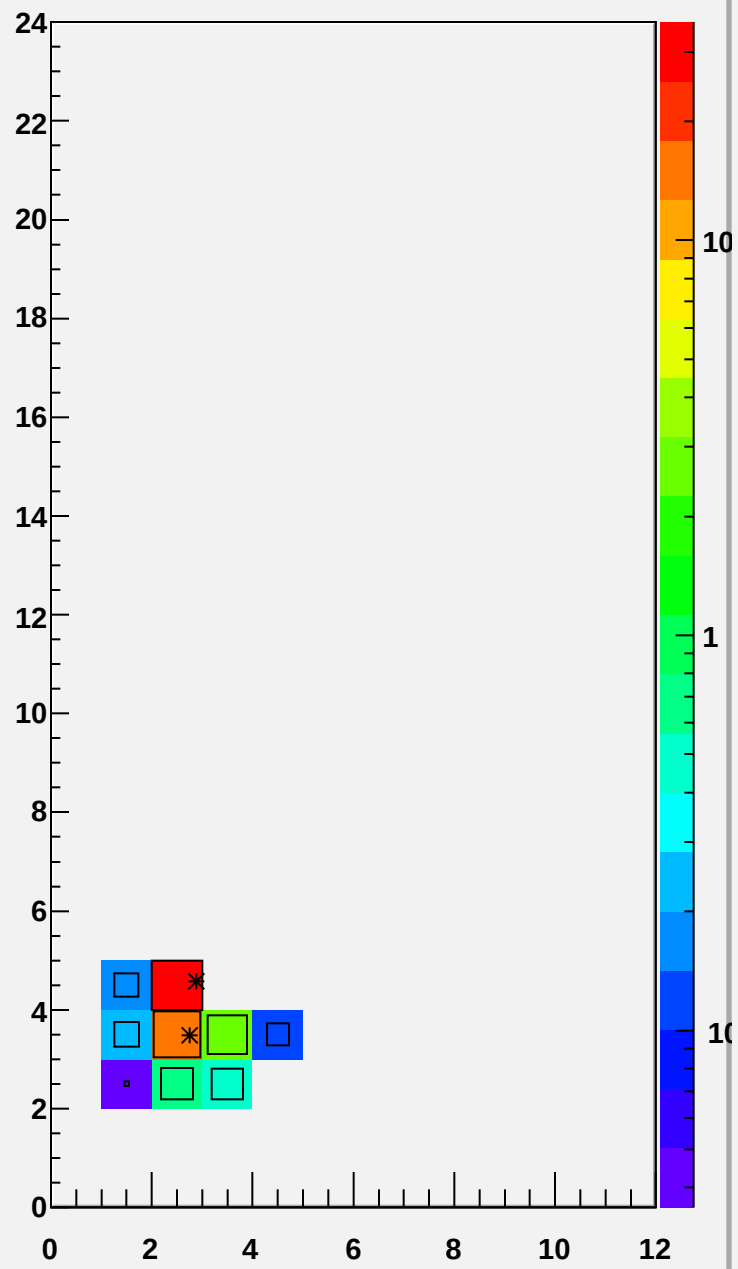
Fitted Energies



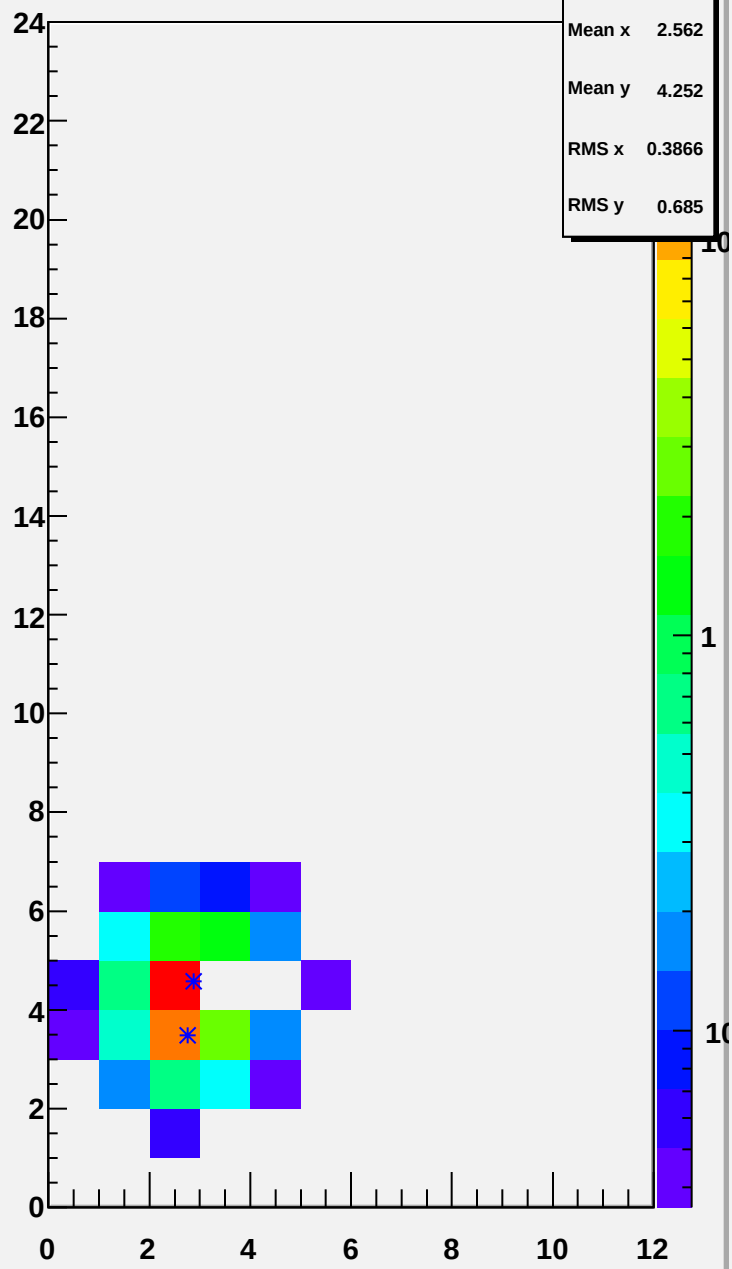
Efit

Entries	288
Mean x	3.051
Mean y	3.555
RMS x	0.6346
RMS y	0.5313

NSTB3_r4_c3_En=54.3_m0=0.178 m1=0.178 index=136



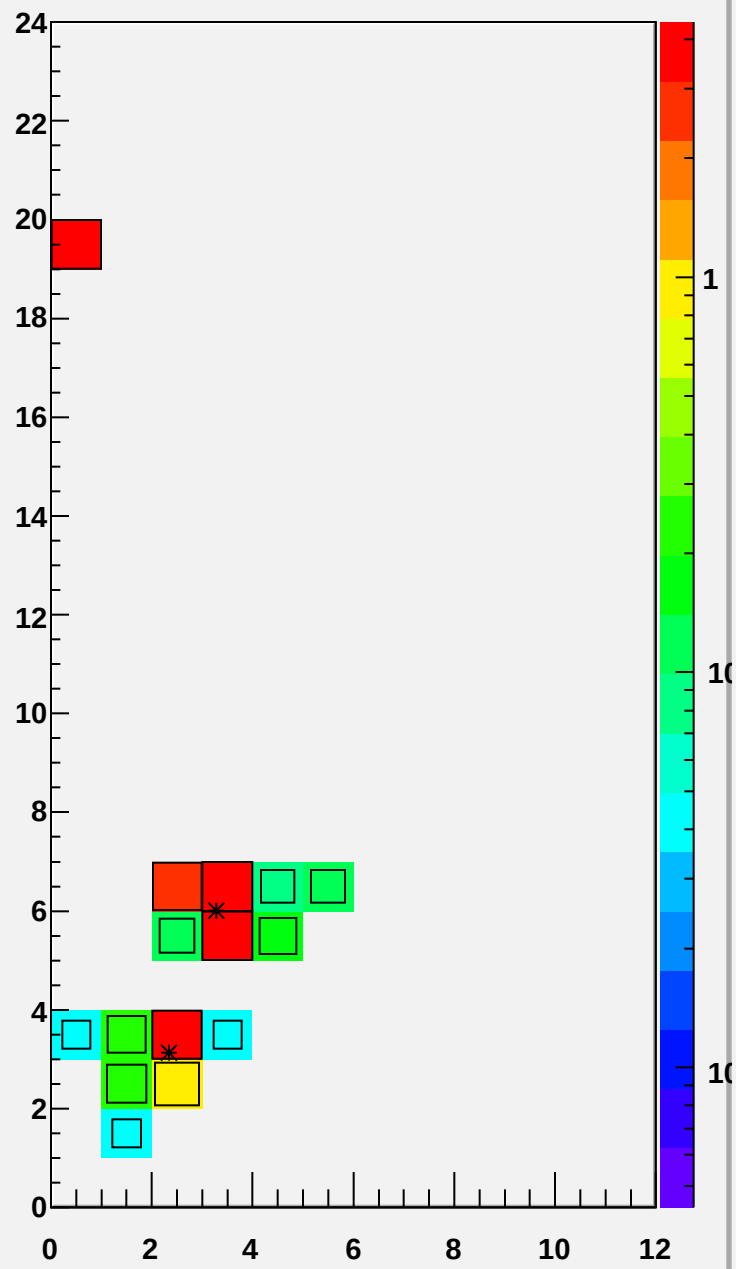
Fitted Energies



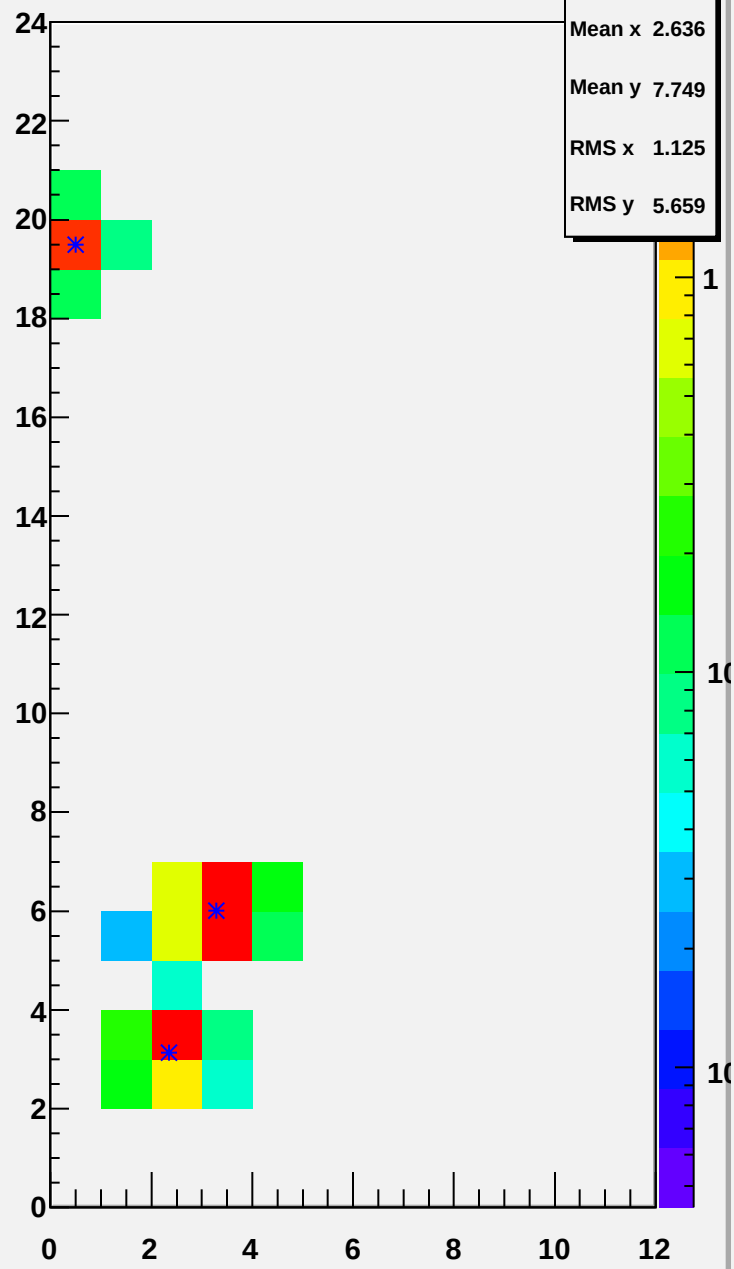
Efit

Entries	288
Mean x	2.562
Mean y	4.252
RMS x	0.3866
RMS y	0.685

NSTB3_r4_c3_En=19.6_m0=0.119_m1=0.119_index=137



Fitted Energies



Efit

Entries 288

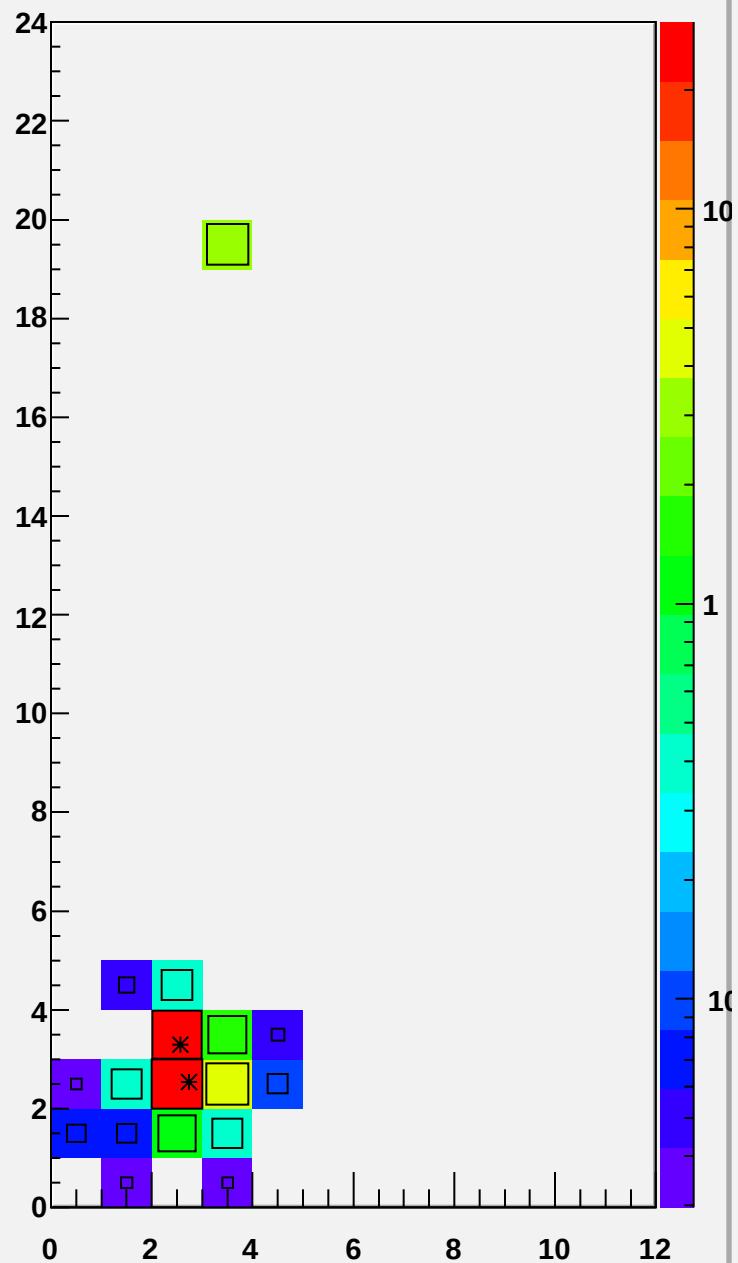
Mean x 2.636

Mean y 7.749

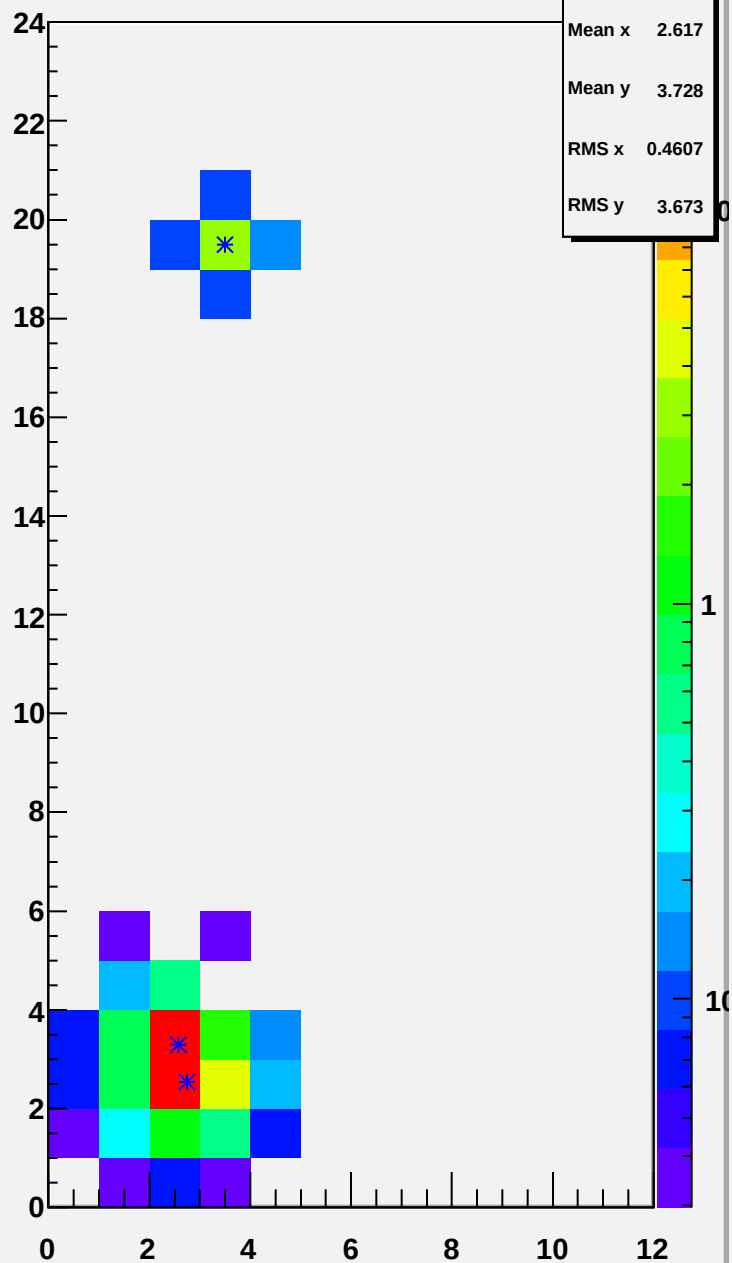
RMS x 1.125

RMS y 5.659

NSTB3_r4_c3_En=63.5_m0=0.131 m1=0.130 index=138



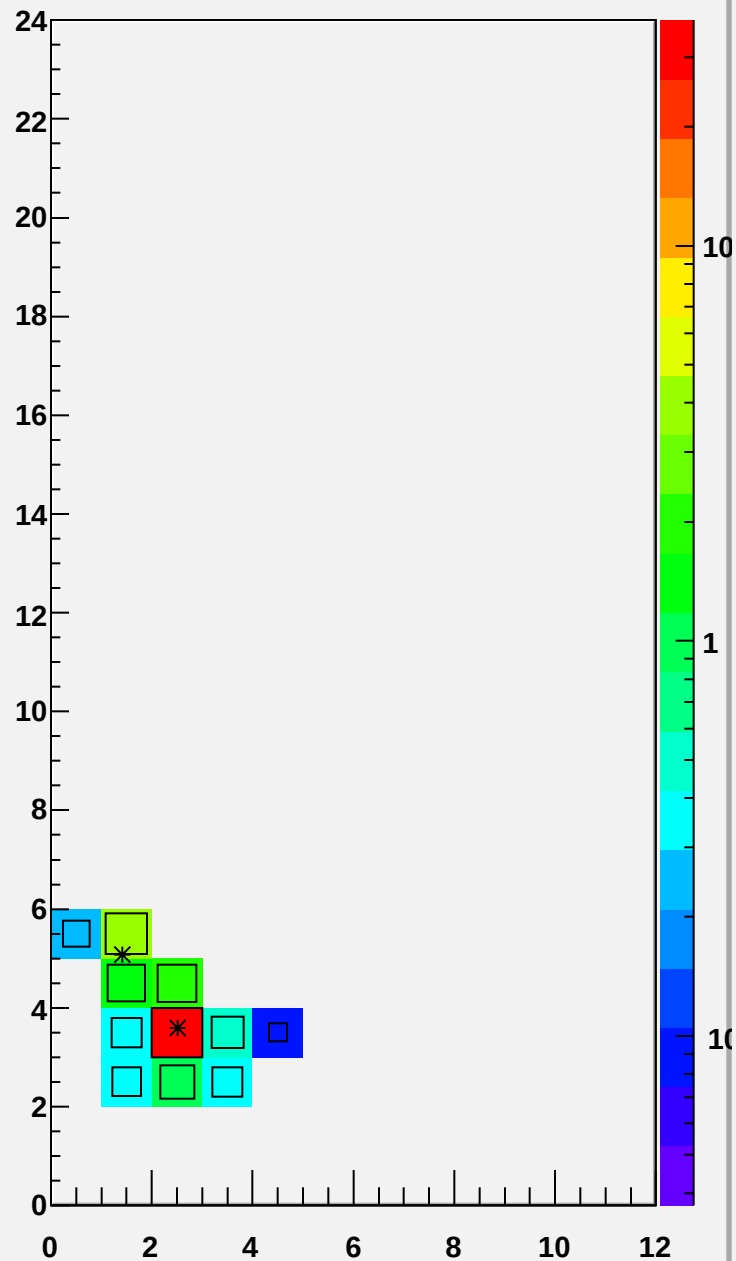
Fitted Energies



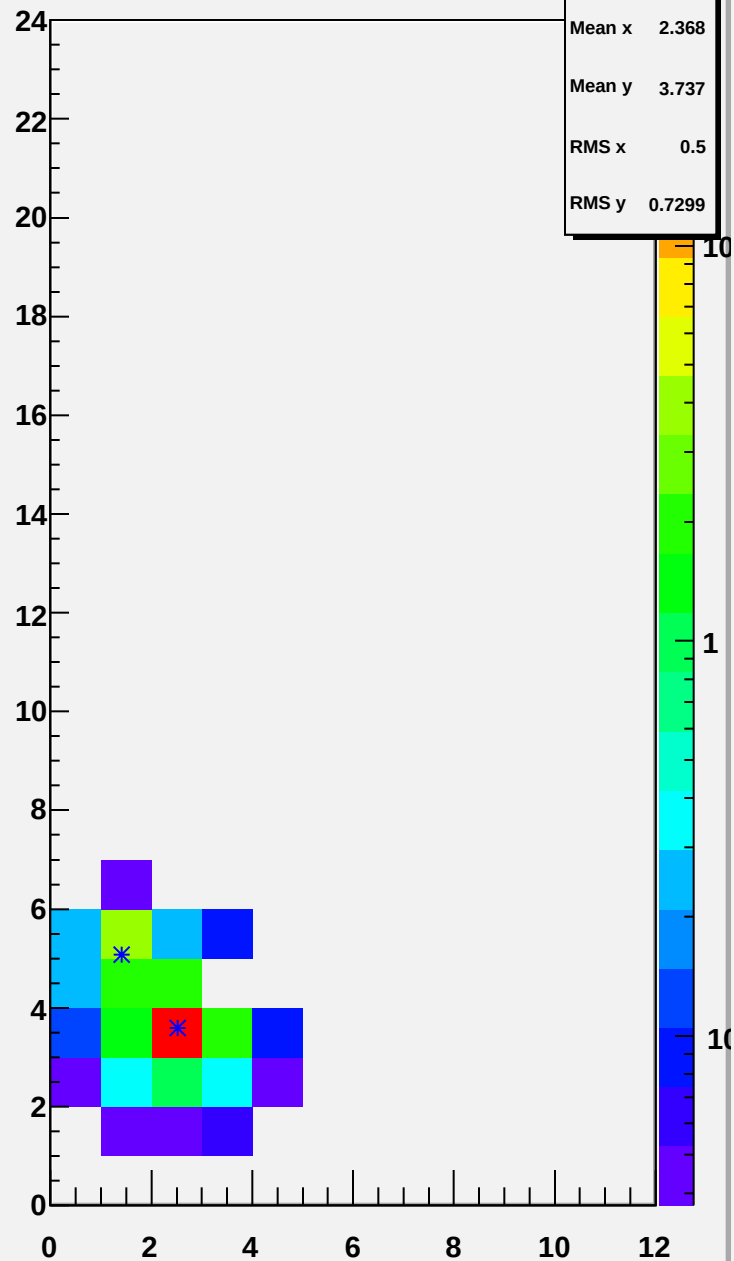
Efit

Entries	288
Mean x	2.617
Mean y	3.728
RMS x	0.4607
RMS y	3.673

NSTB3_r4_c3_En=47.7_m0=0.172 m1=0.172 index=140



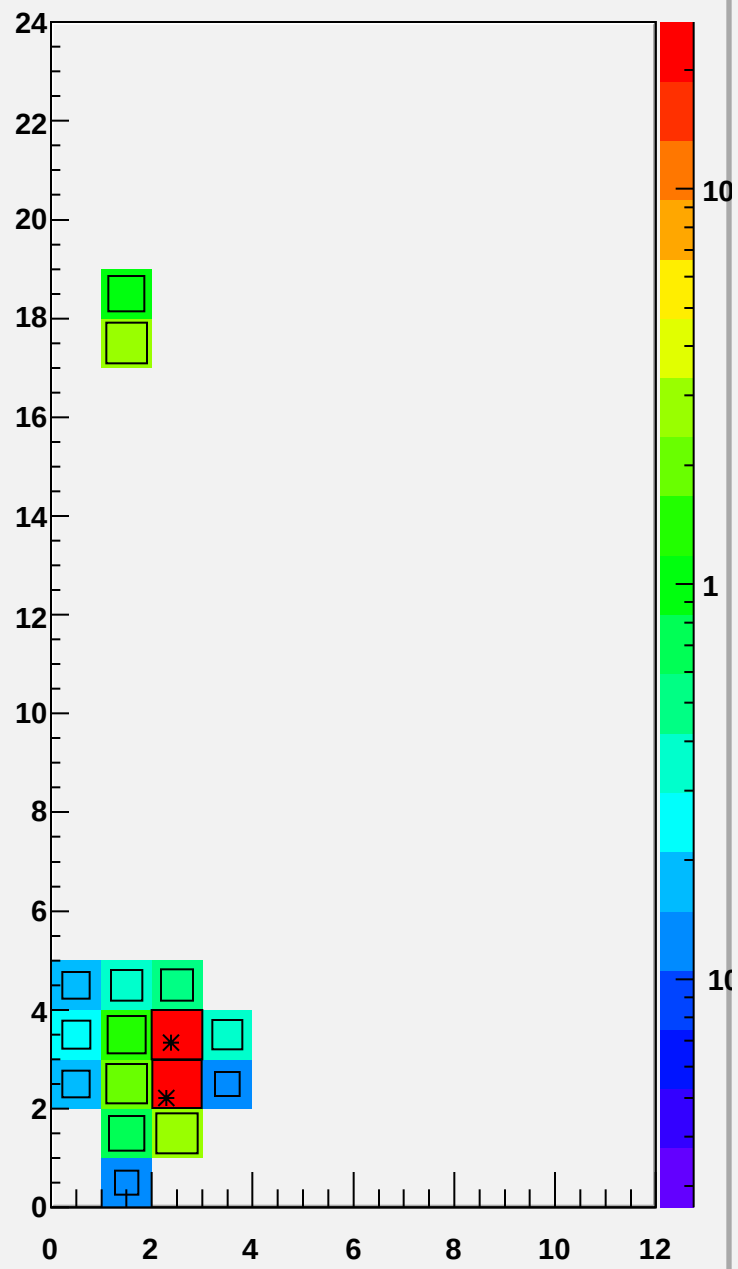
Fitted Energies



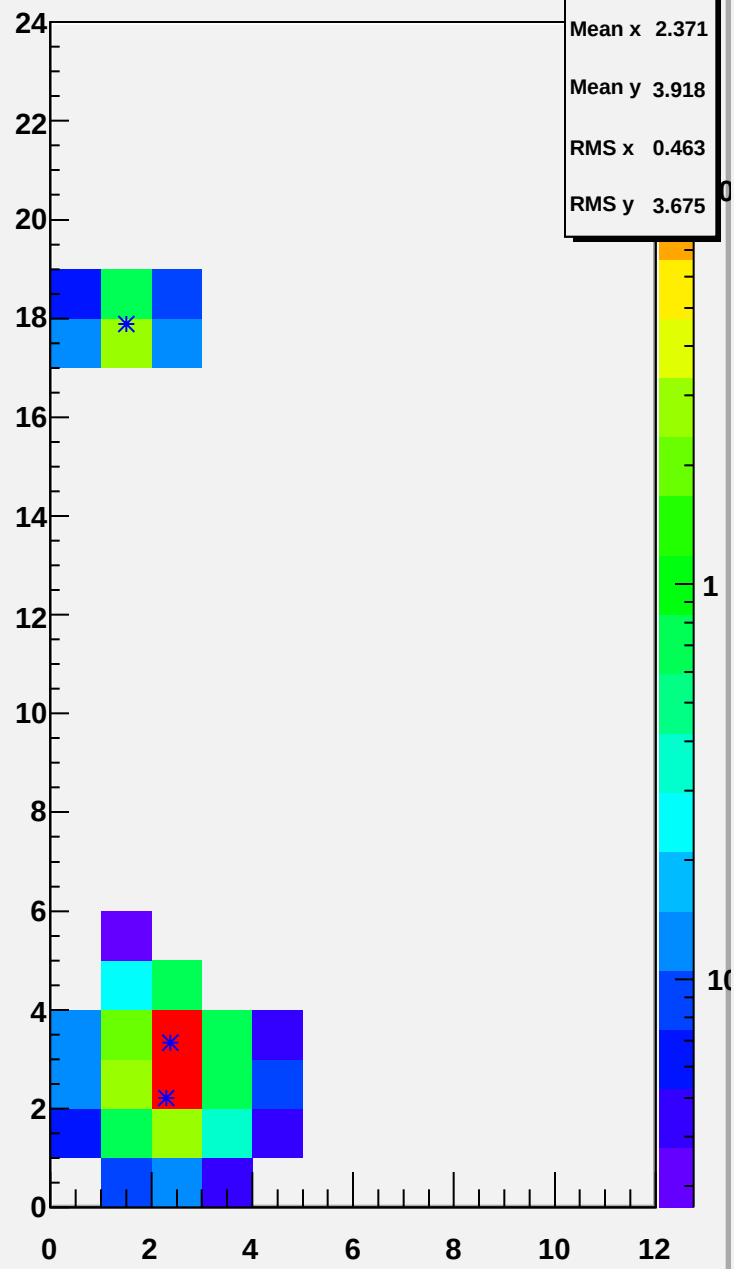
Efit

Entries	288
Mean x	2.368
Mean y	3.737
RMS x	0.5
RMS y	0.7299

NSTB3_r4_c3_En=58.5_m0=0.167 m1=0.167 index=142



Fitted Energies



Efit

Entries 288

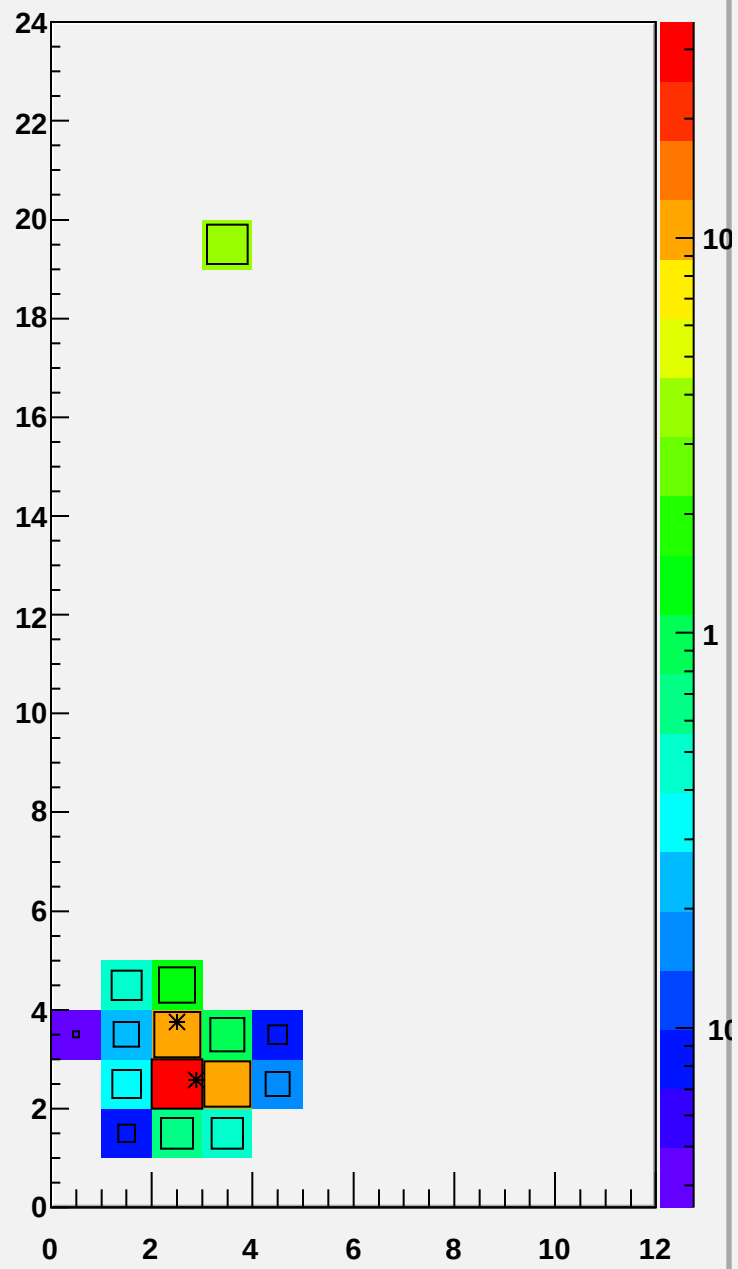
Mean x 2.371

Mean y 3.918

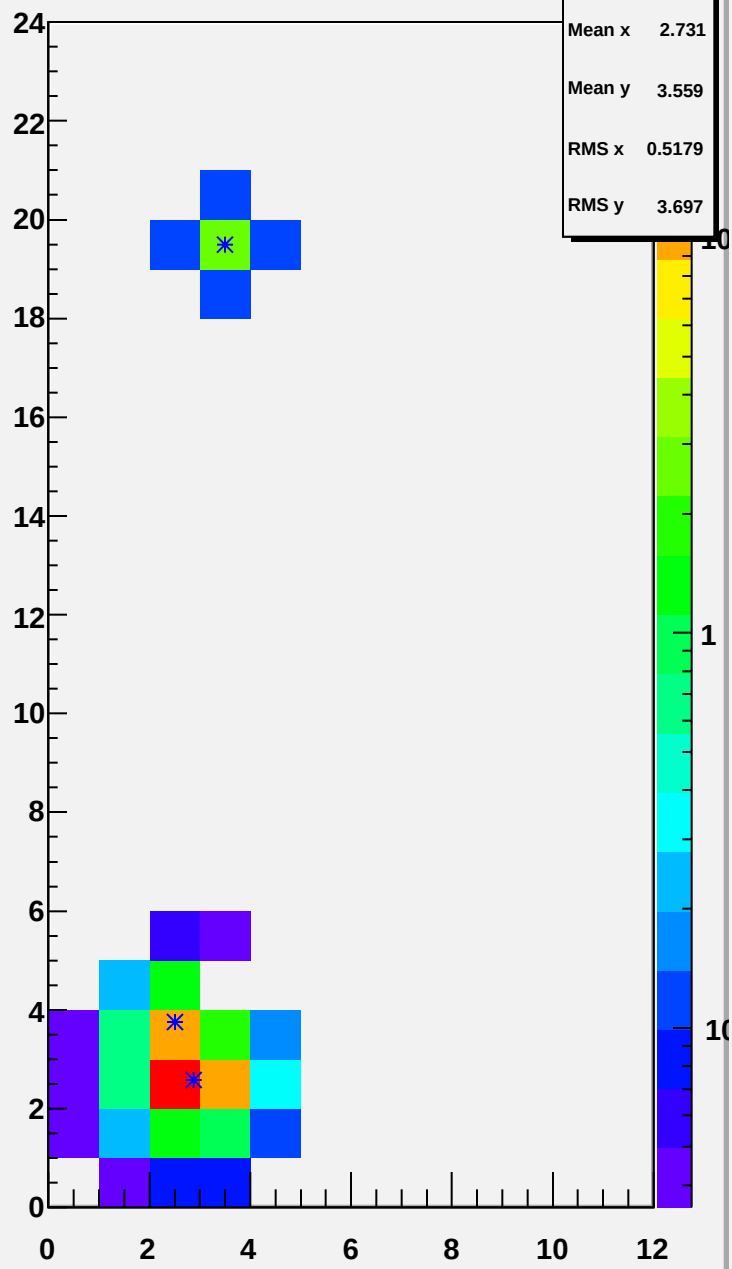
RMS x 0.463

RMS y 3.675

NSTB3_r4_c3_En=64.7_m0=0.163 m1=0.163 index=143



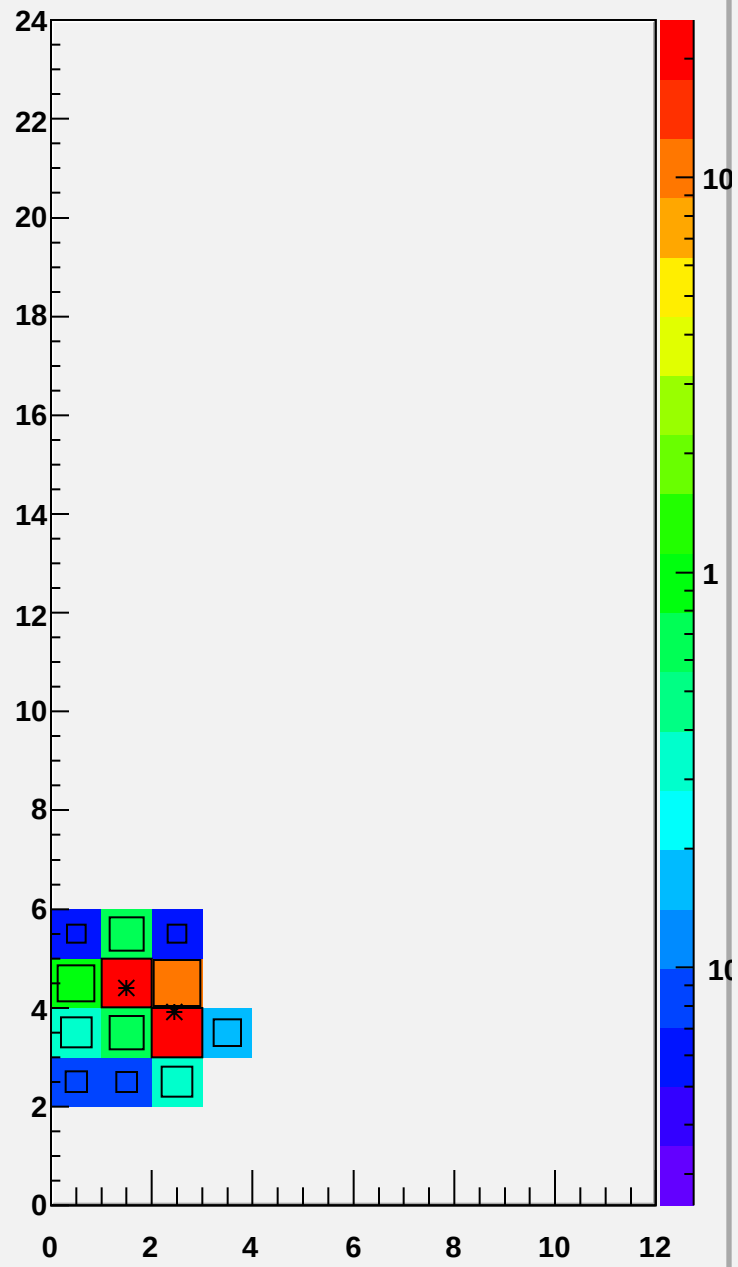
Fitted Energies



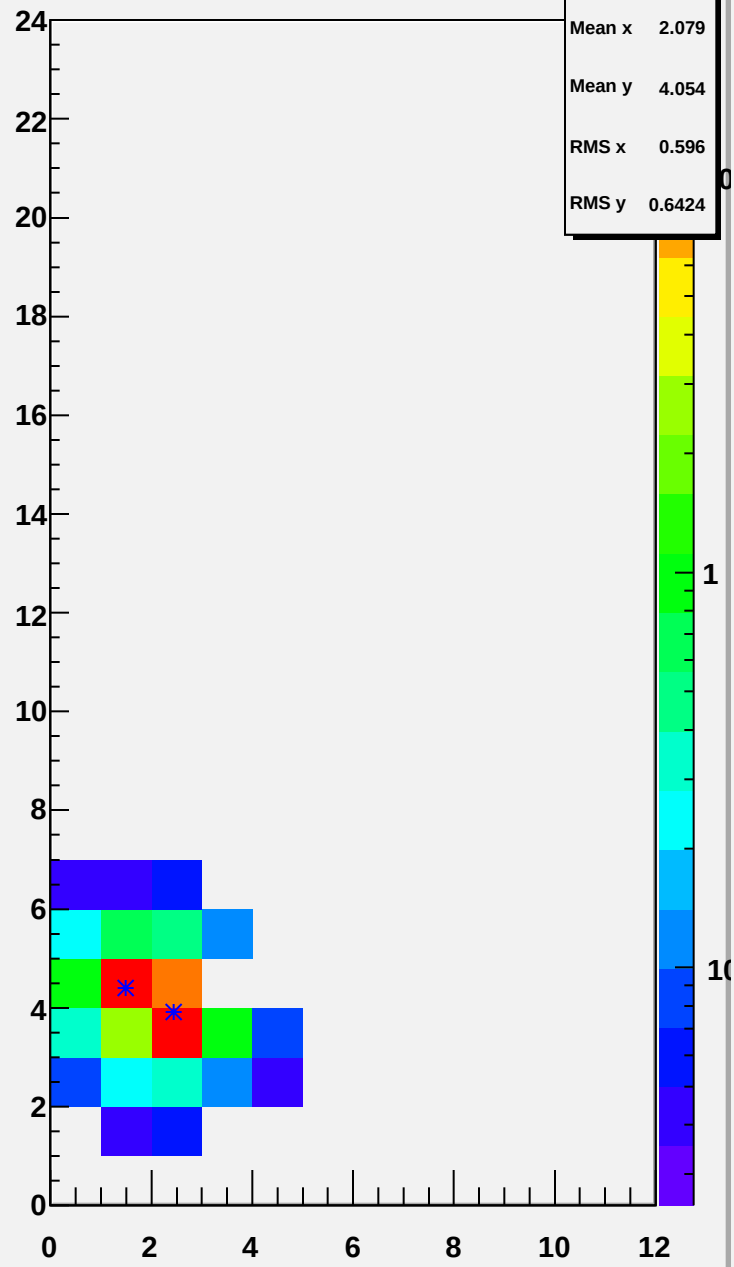
Efit

Entries	288
Mean x	2.731
Mean y	3.559
RMS x	0.5179
RMS y	3.697

NSTB3_r4_c3_En=58.4_m0=0.183 m1=0.183 index=144



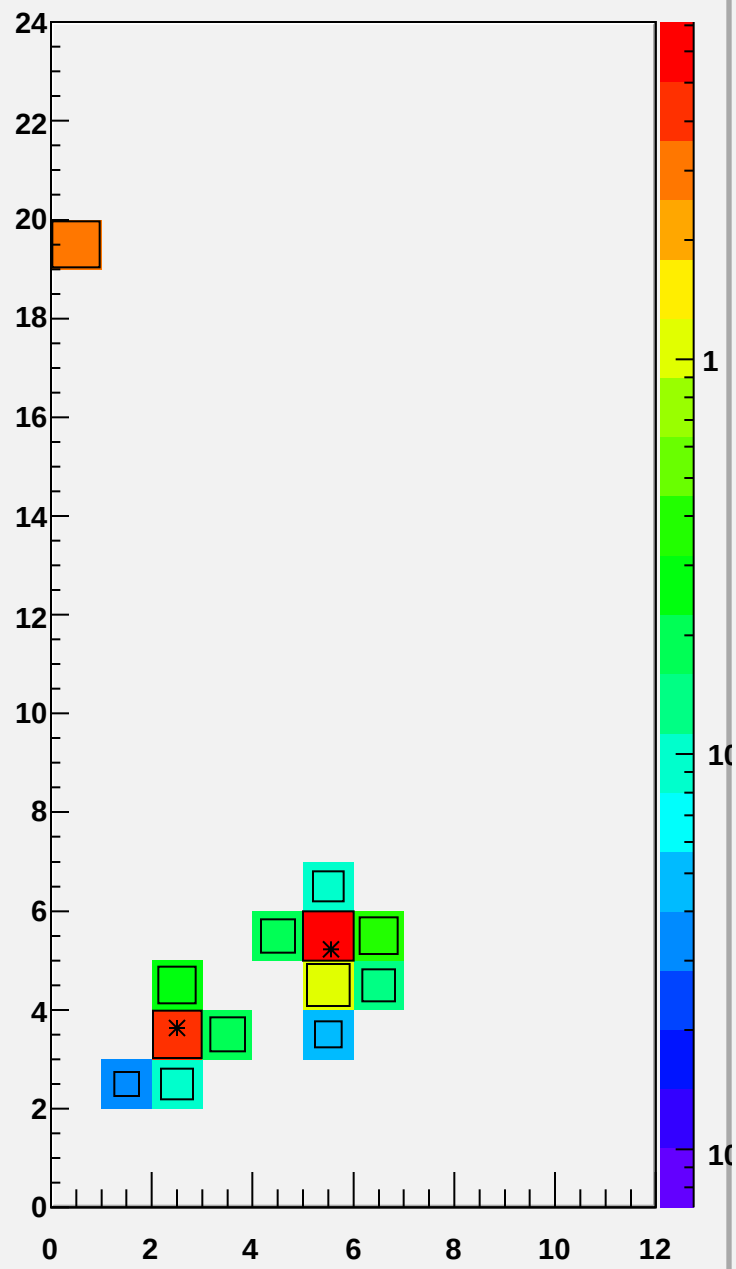
Fitted Energies



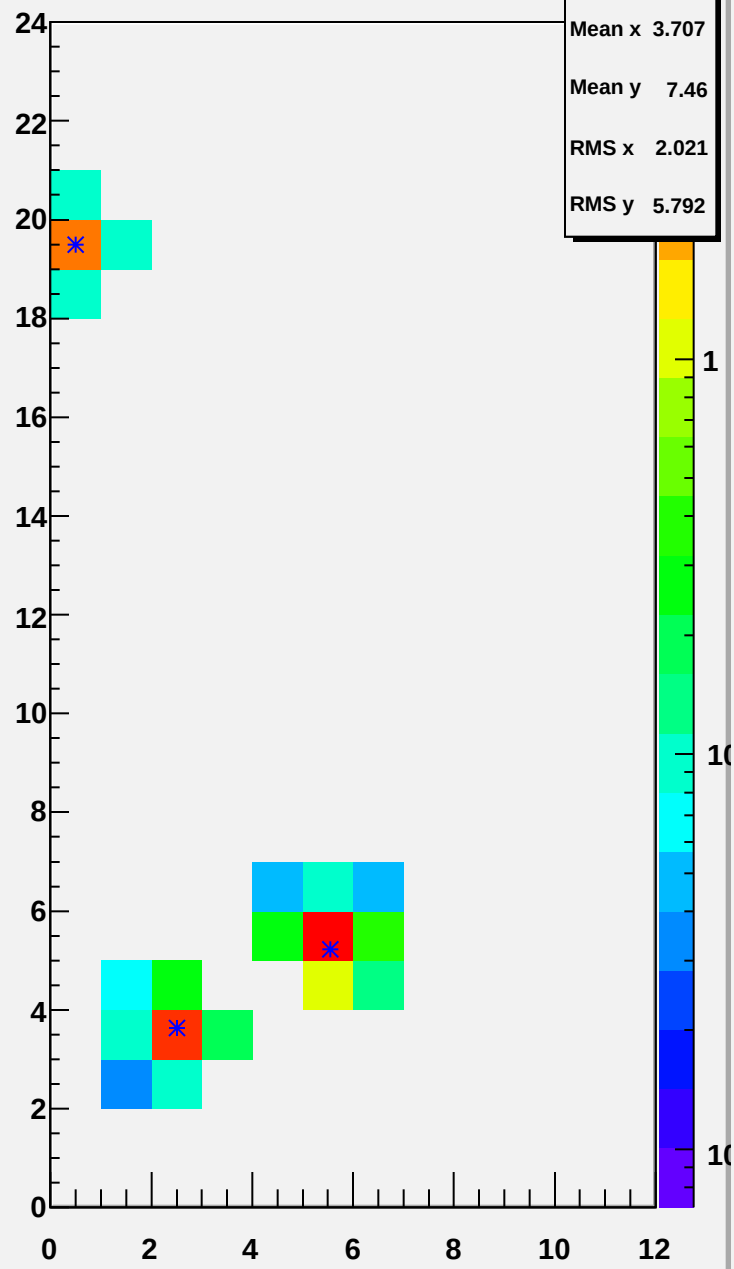
Efit

Entries	288
Mean x	2.079
Mean y	4.054
RMS x	0.596
RMS y	0.6424

NSTB3_r4_c3_En=17.2_m0=0.133 m1=0.133 index=145



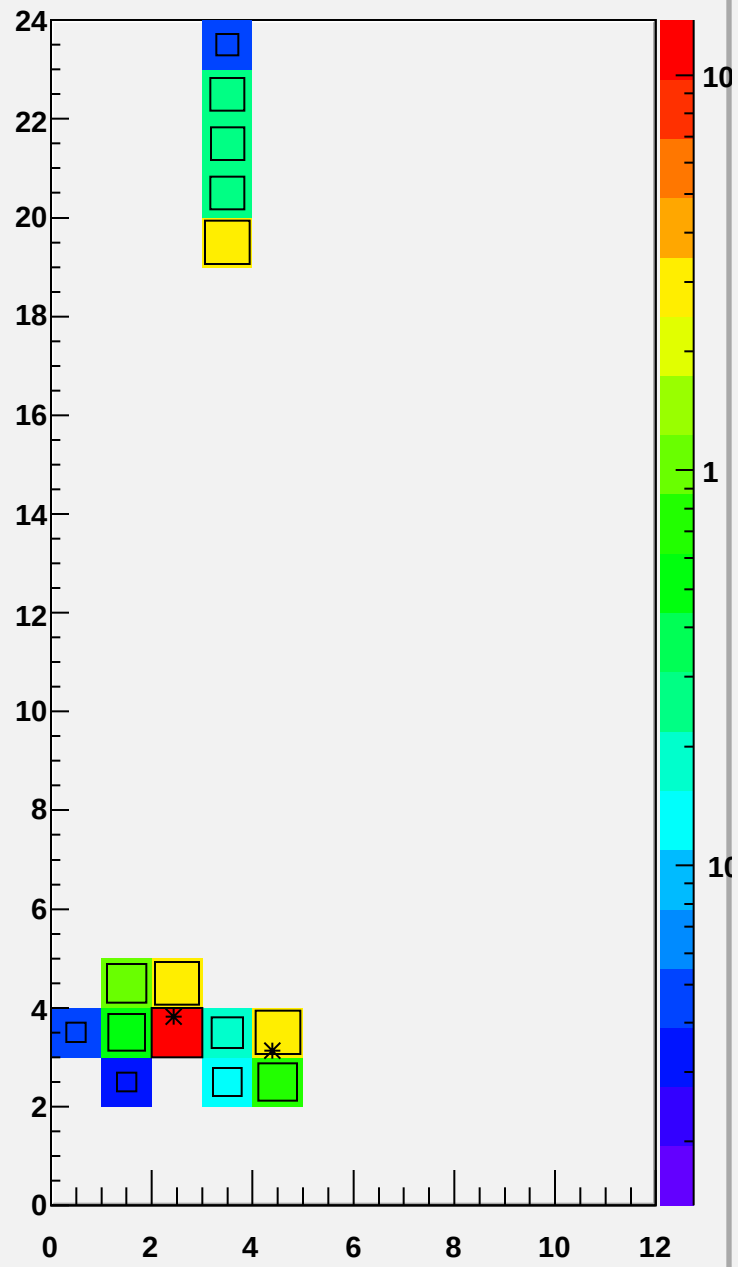
Fitted Energies



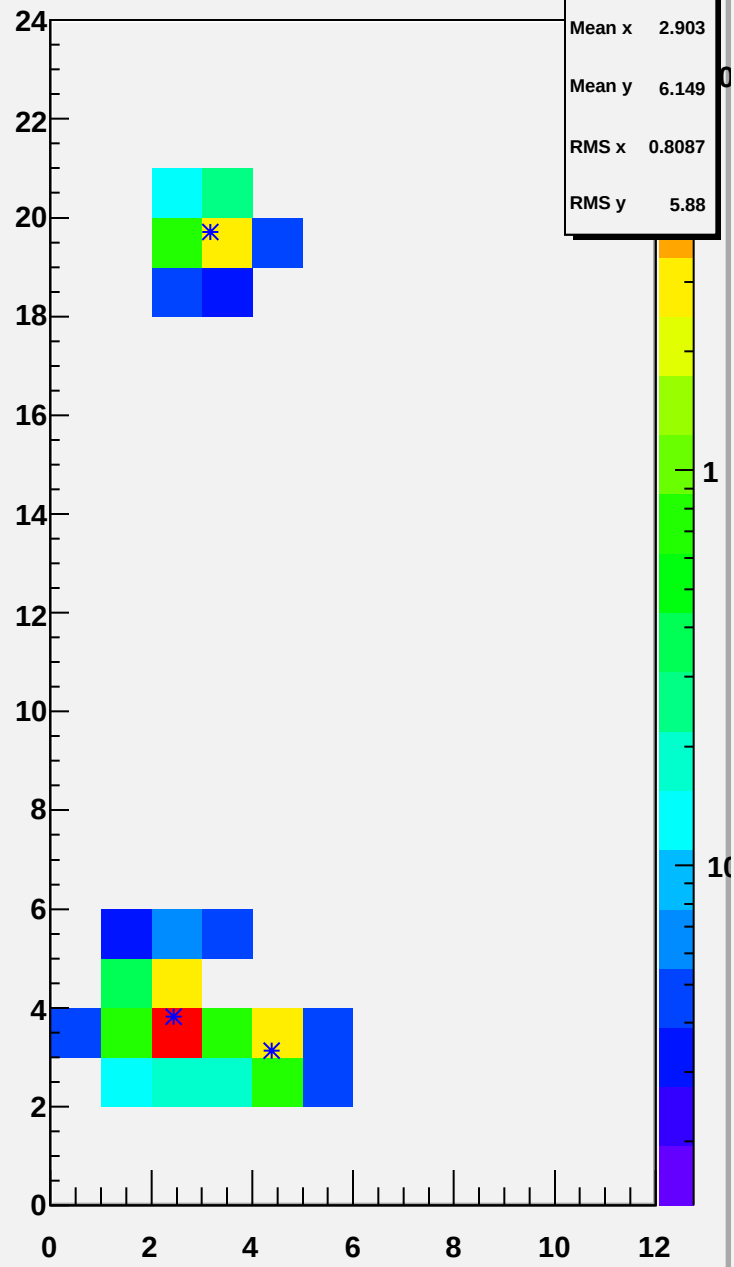
Efit

Entries 288
Mean x 3.707
Mean y 7.46
RMS x 2.021
RMS y 5.792

NSTB3_r4_c3_En=25.9_m0=0.102_m1=0.102_index=146



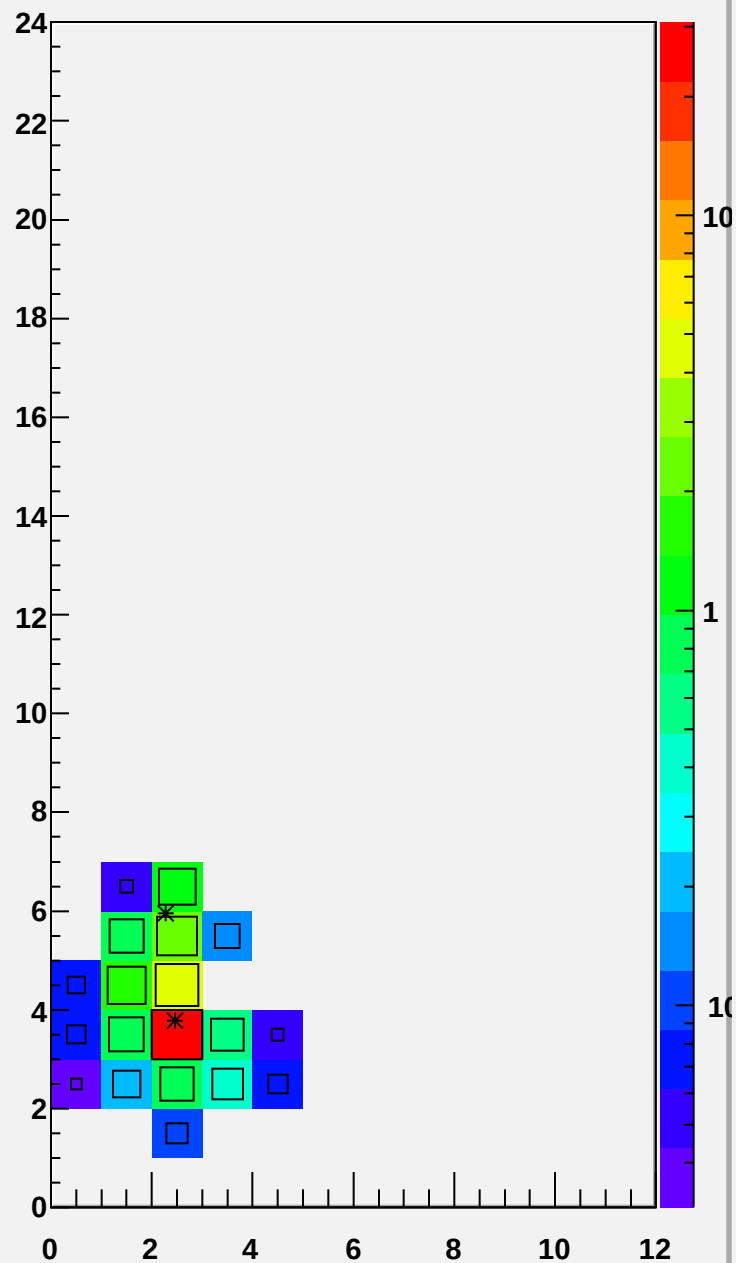
Fitted Energies



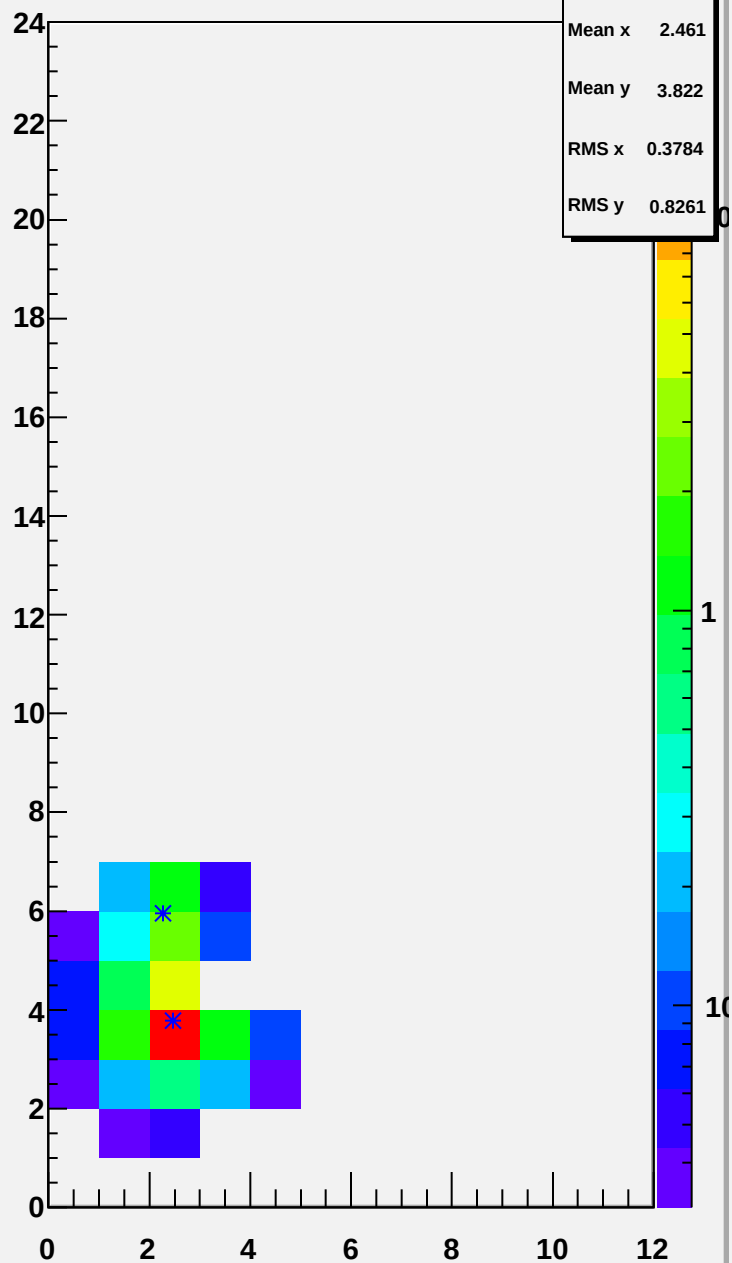
Efit

Entries	288
Mean x	2.903
Mean y	6.149
RMS x	0.8087
RMS y	5.88

NSTB3_r4_c3_En=44.3_m0=0.150_m1=0.150_index=148



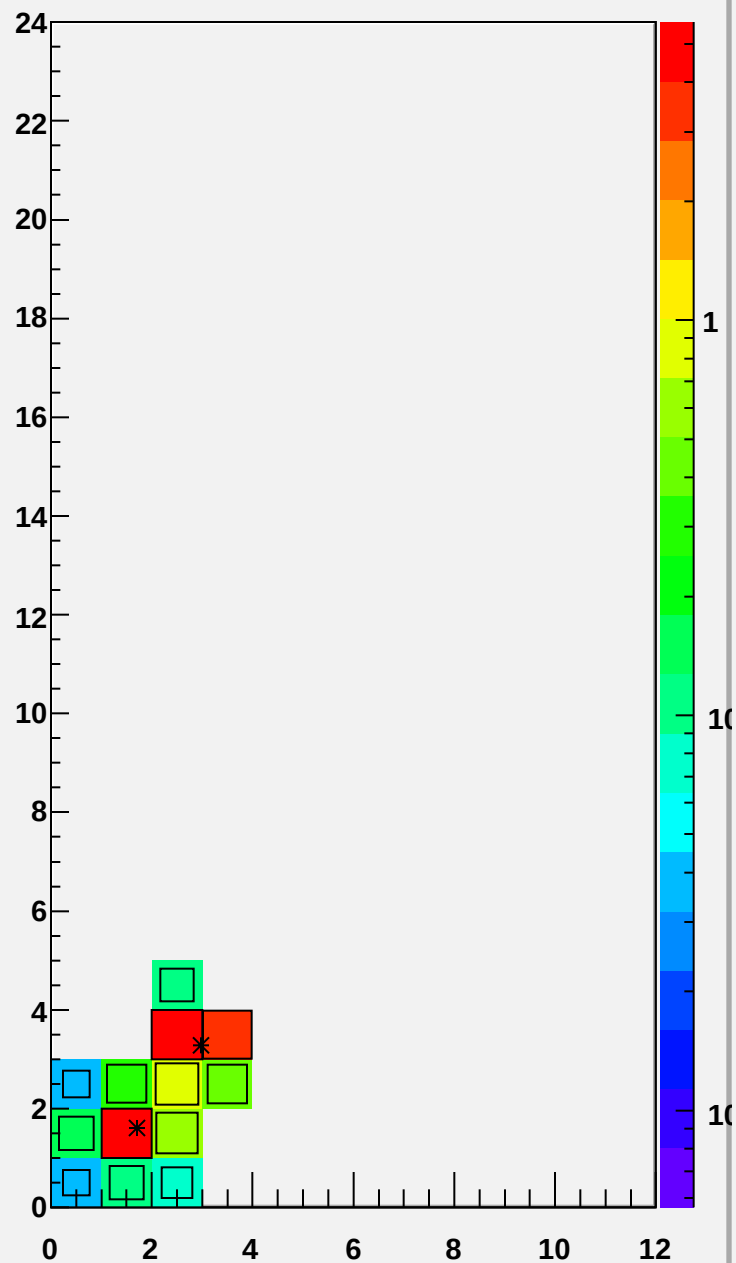
Fitted Energies



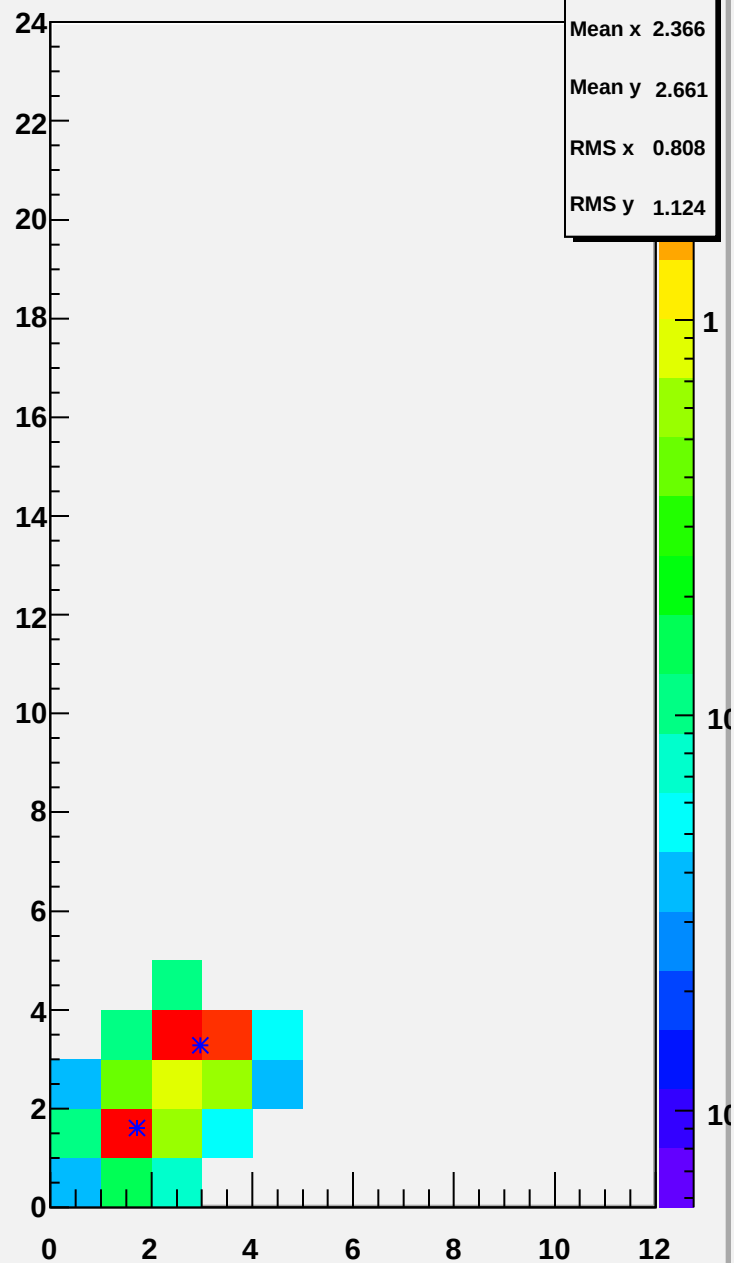
Efit

Entries	288
Mean x	2.461
Mean y	3.822
RMS x	0.3784
RMS y	0.8261

NSTB3_r4_c3_En=17.4_m0=0.101 m1=0.101 index=150



Fitted Energies



Efit

Entries 288

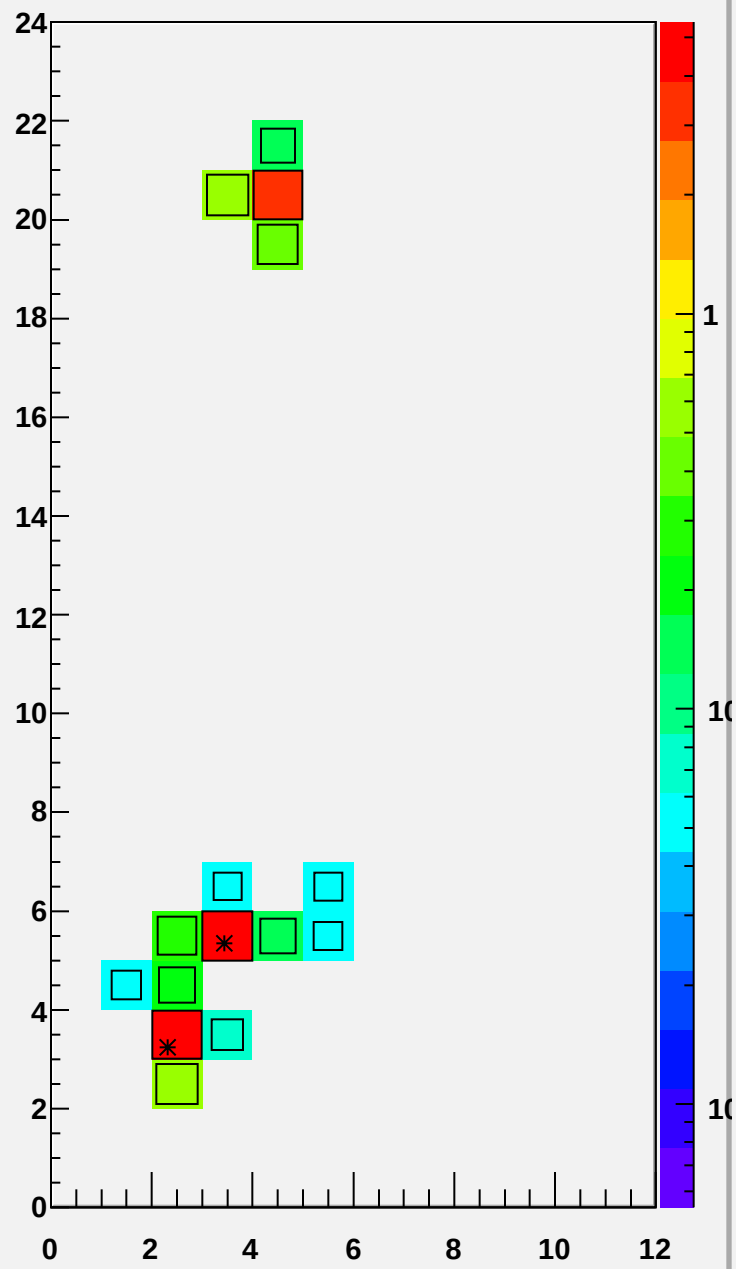
Mean x 2.366

Mean y 2.661

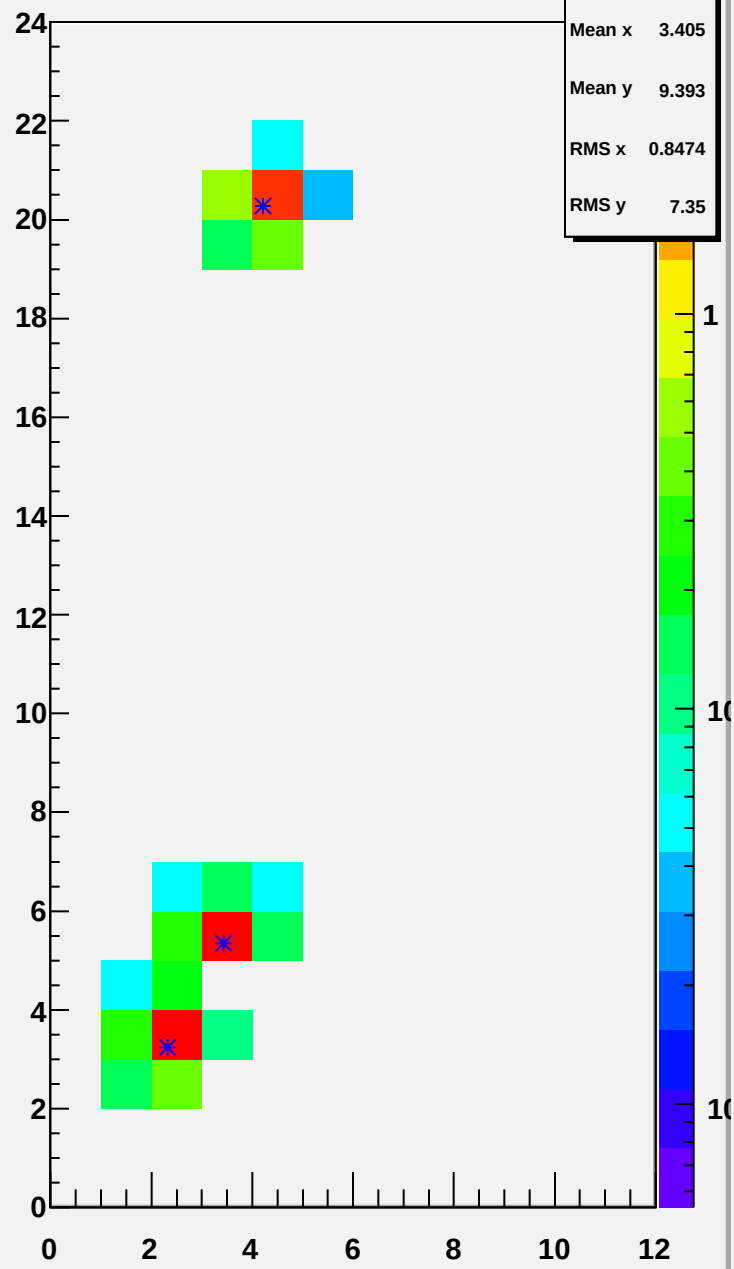
RMS x 0.808

RMS y 1.124

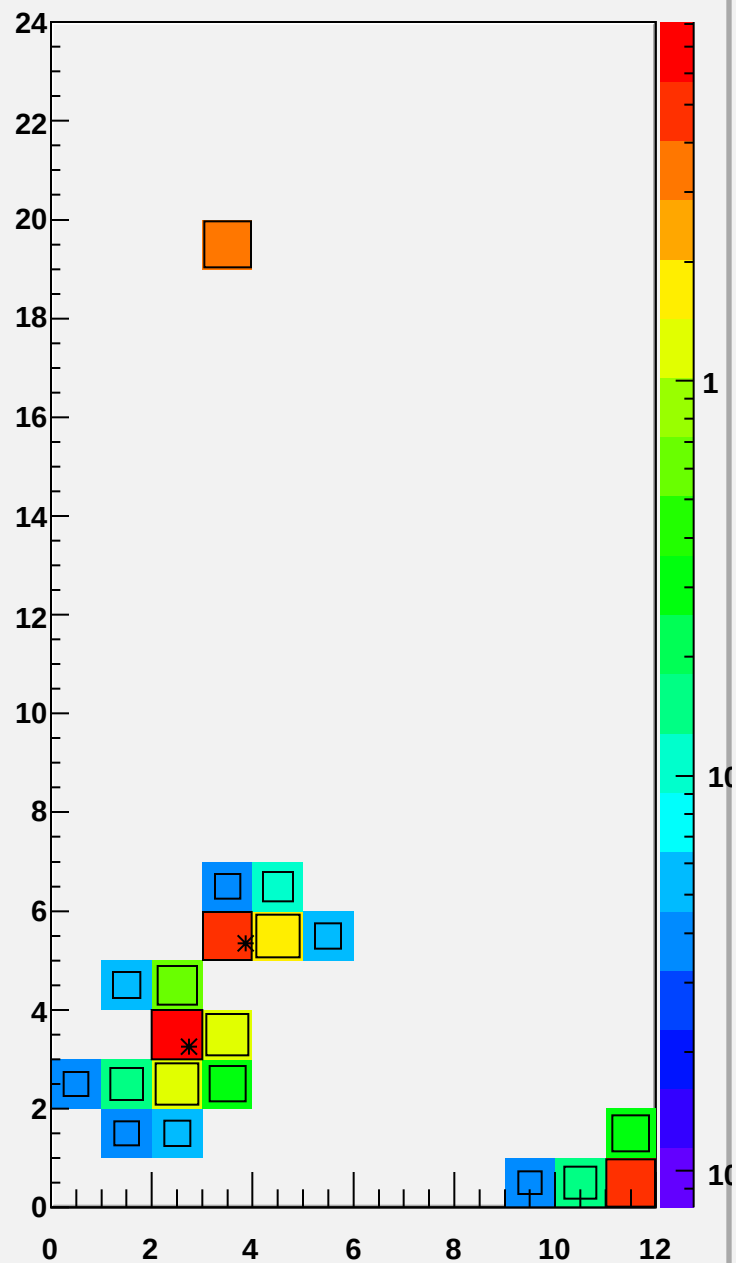
NSTB3_r4_c3_En=15.9_m0=0.079 m1=0.079 index=151



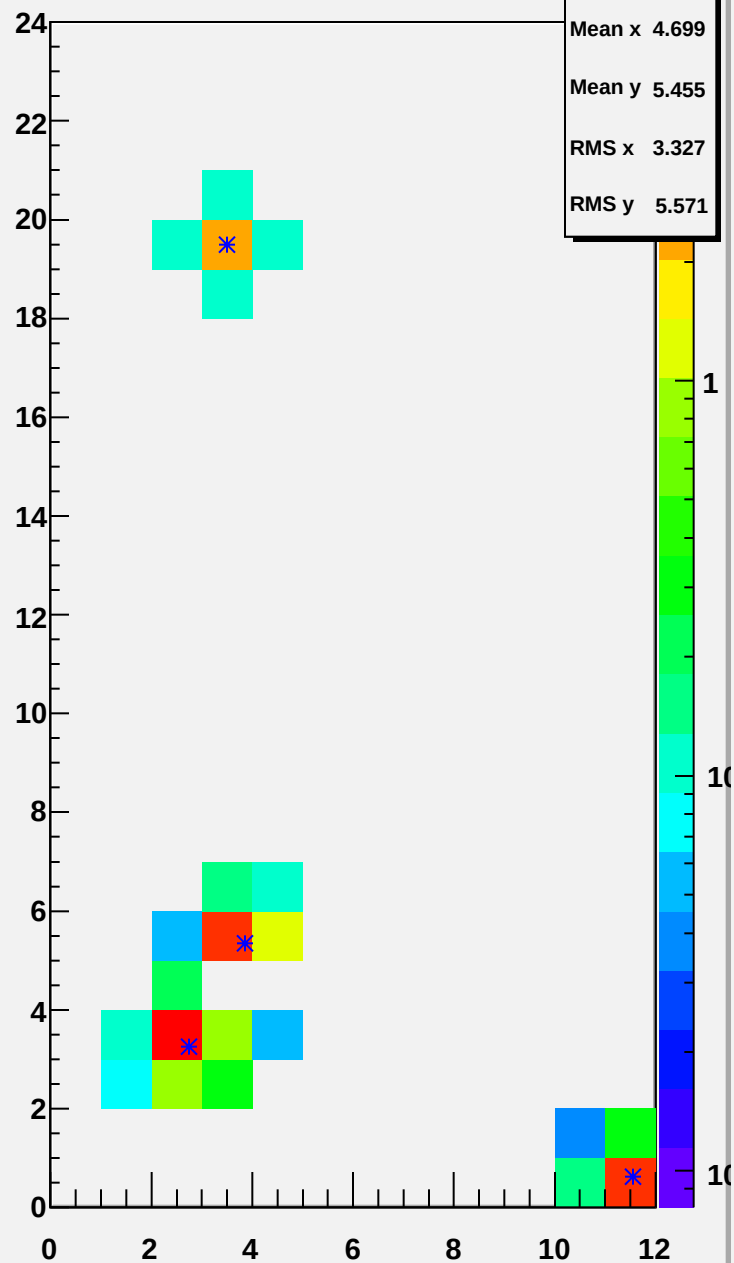
Fitted Energies



NSTB3_r4_c3_En=26.8_m0=0.123_m1=0.123_index=153



Fitted Energies



Efit

Entries 288

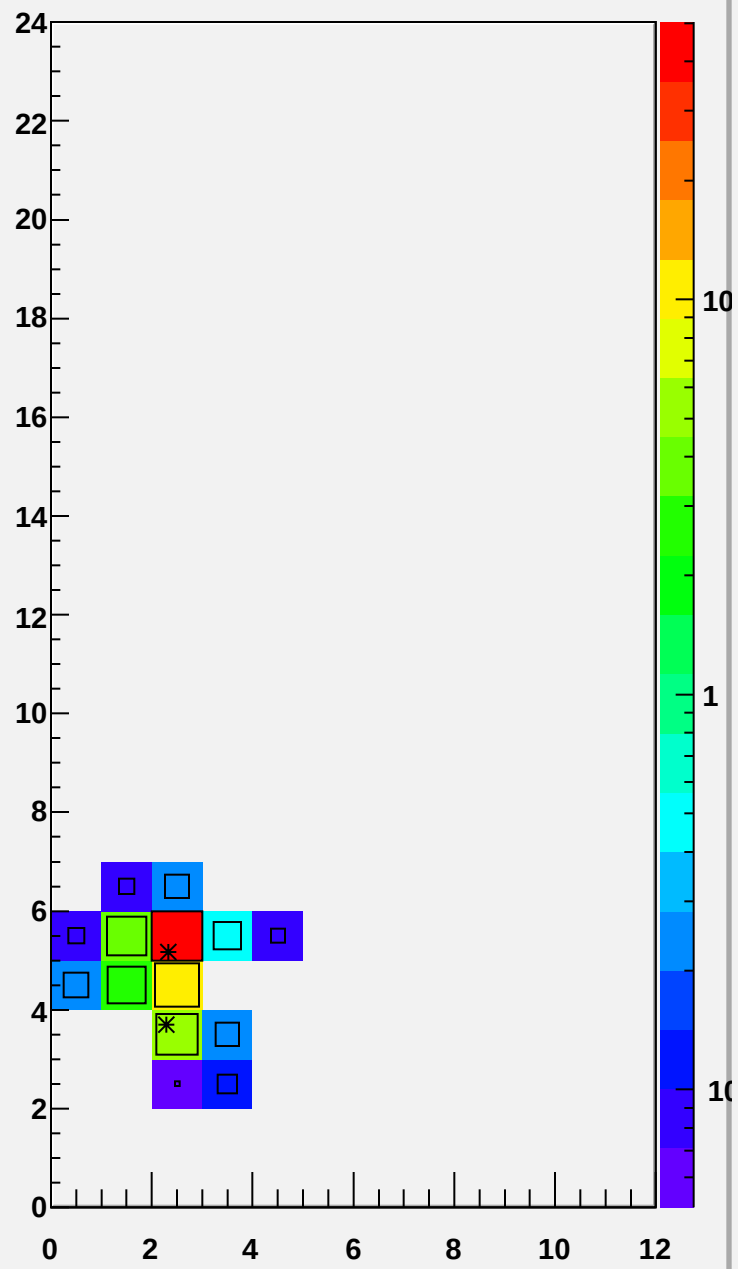
Mean x 4.699

Mean y 5.455

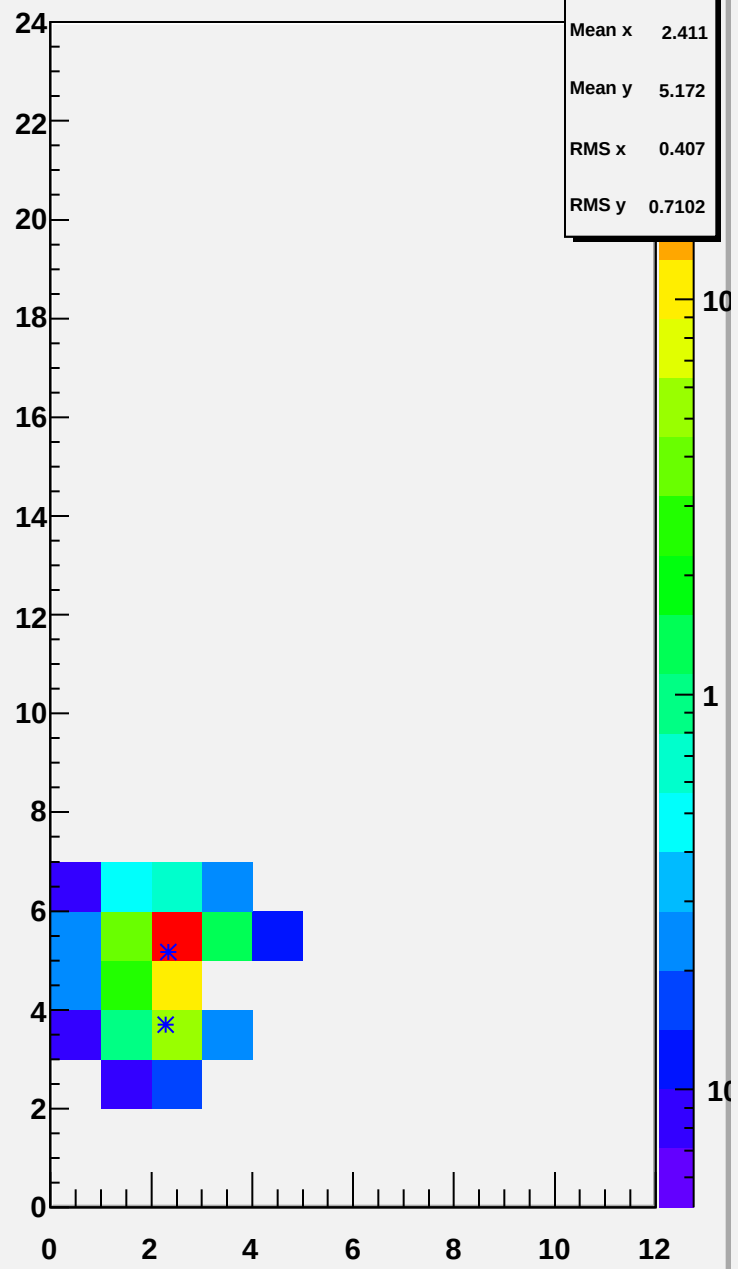
RMS x 3.327

RMS y 5.571

NSTB3_r4_c3_En=73.7_m0=0.178 m1=0.178 index=157



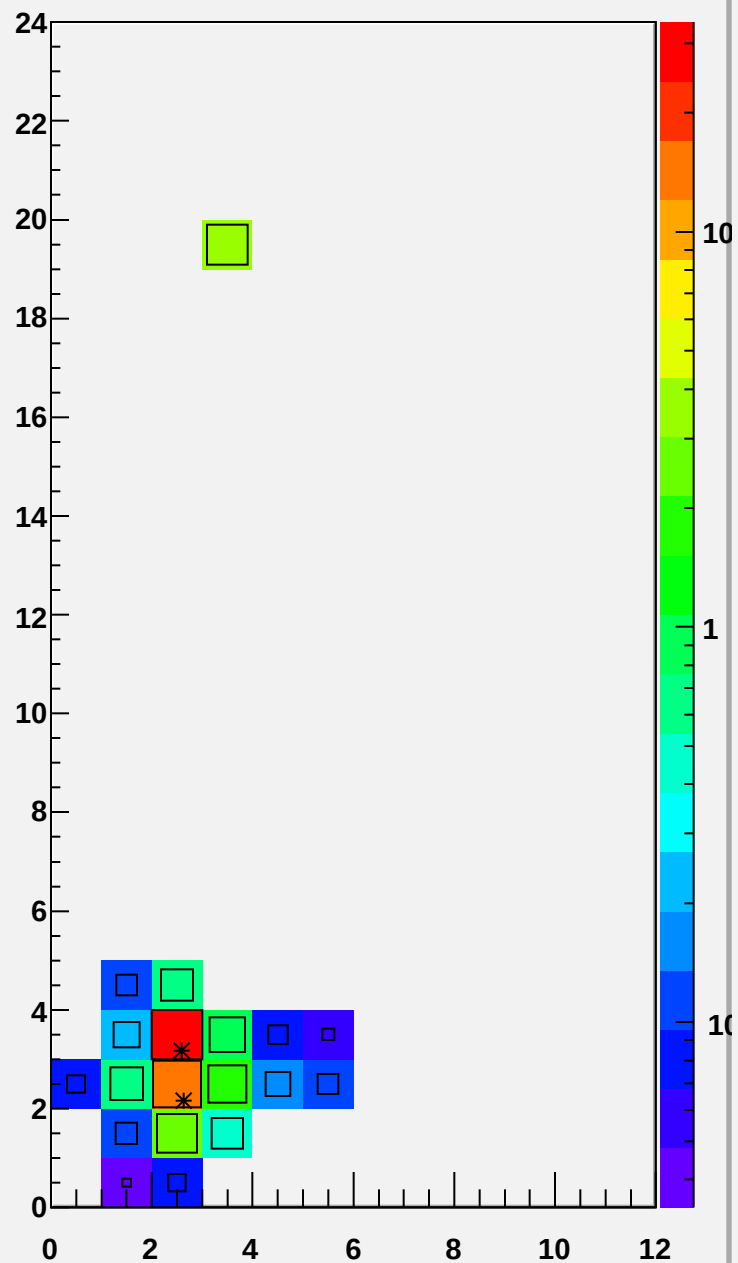
Fitted Energies



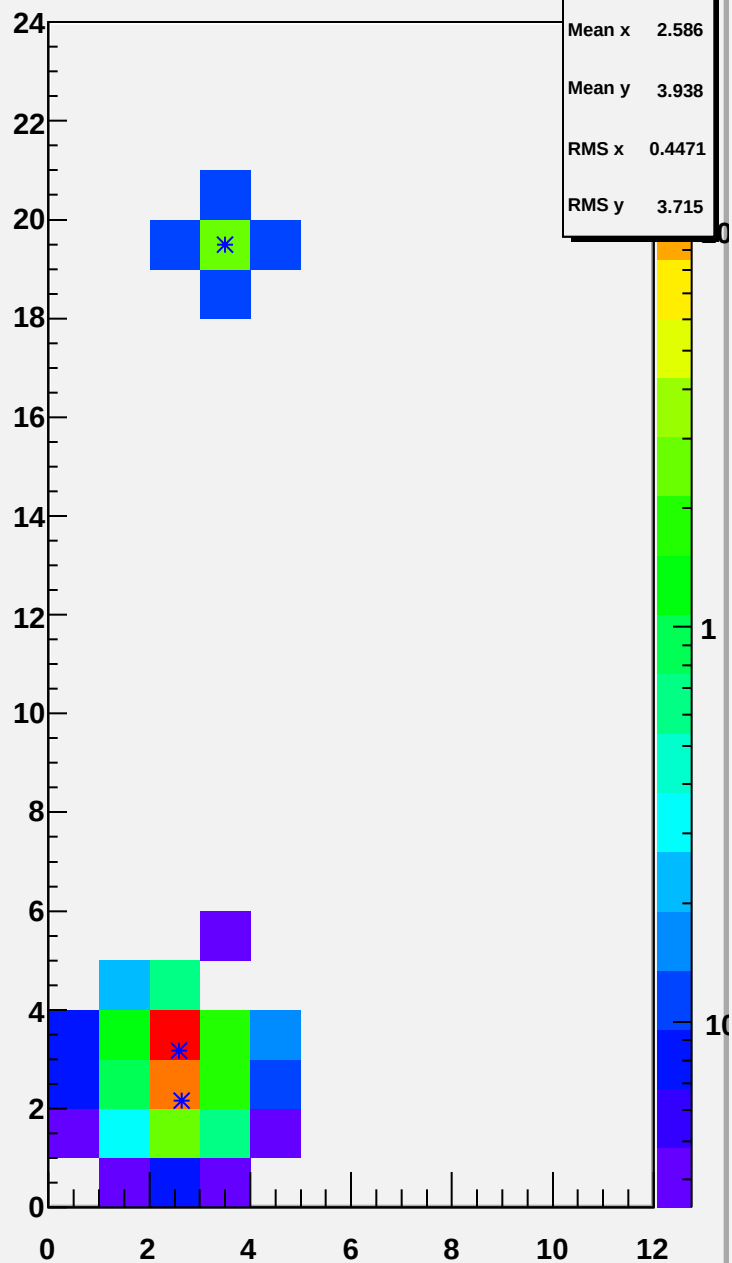
Efit

Entries	288
Mean x	2.411
Mean y	5.172
RMS x	0.407
RMS y	0.7102

NSTB3_r4_c3_En=61.7_m0=0.143 m1=0.142 index=158



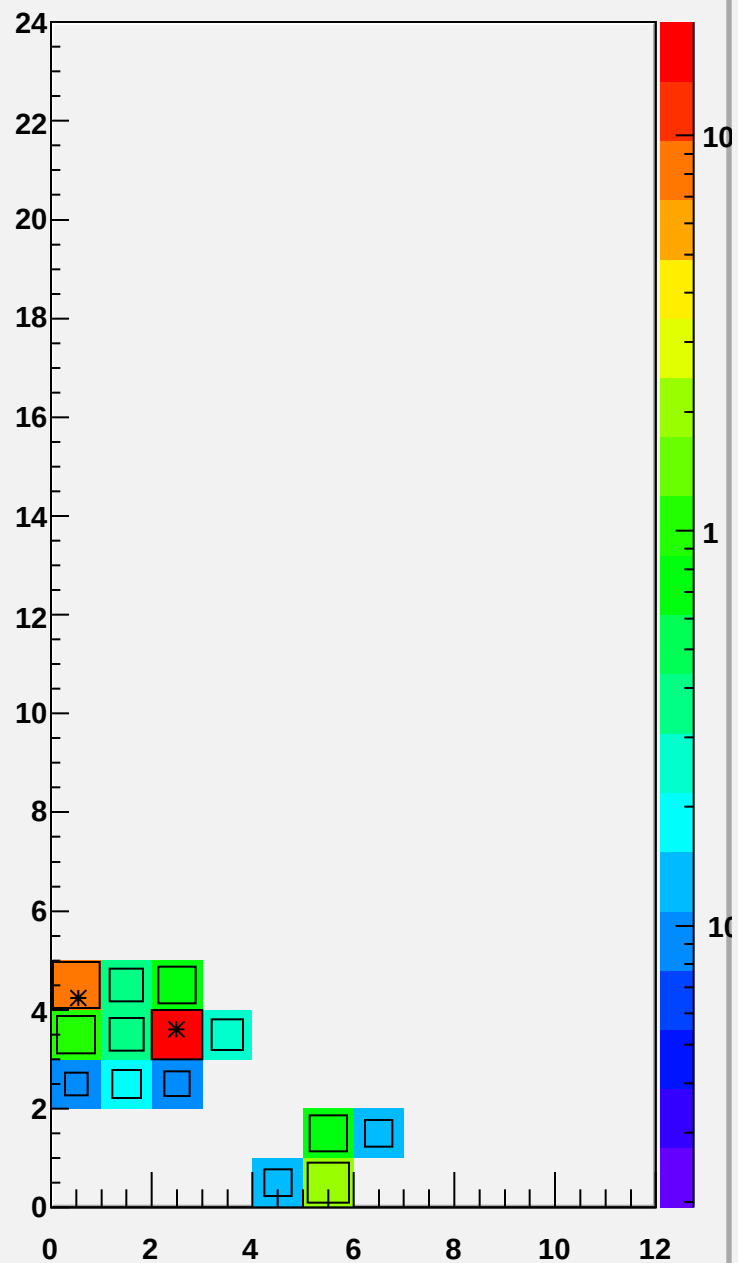
Fitted Energies



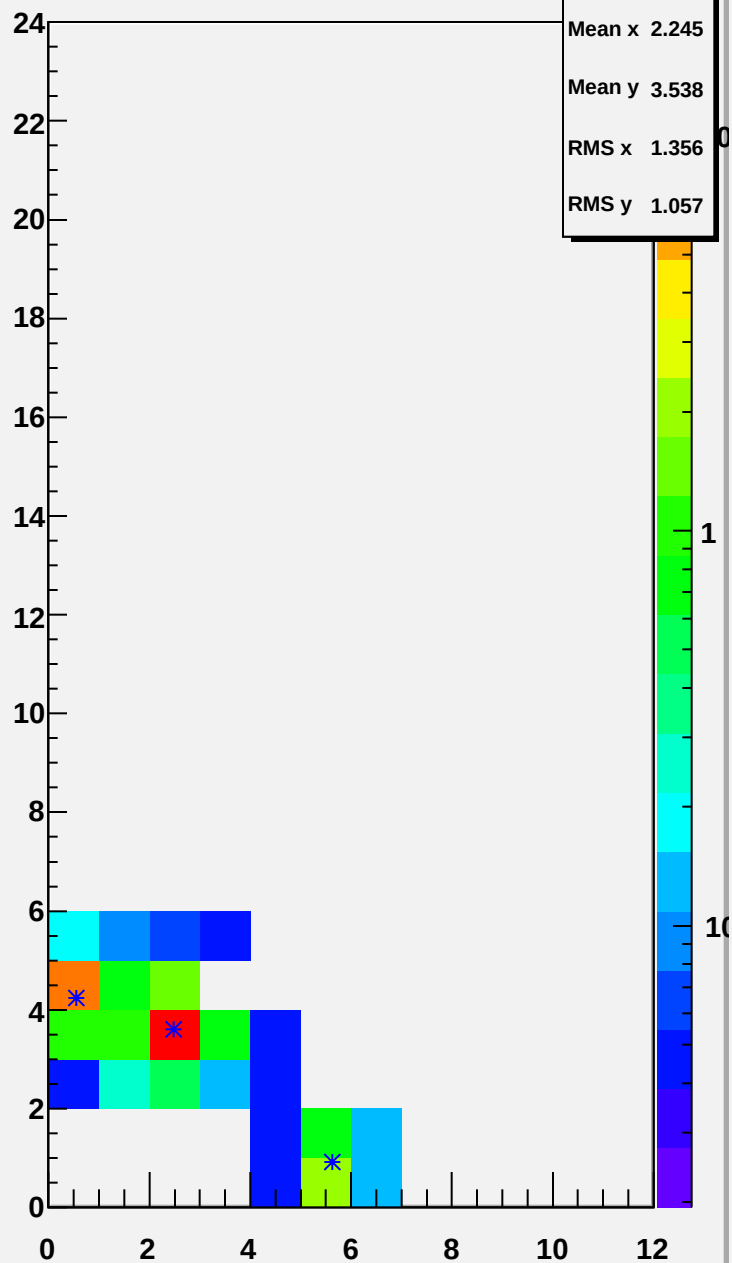
Efit

Entries	288
Mean x	2.586
Mean y	3.938
RMS x	0.4471
RMS y	3.715

NSTB3_r4_c3_En=33.5_m0=0.170 m1=0.170 index=160



Fitted Energies



Efit

Entries 288

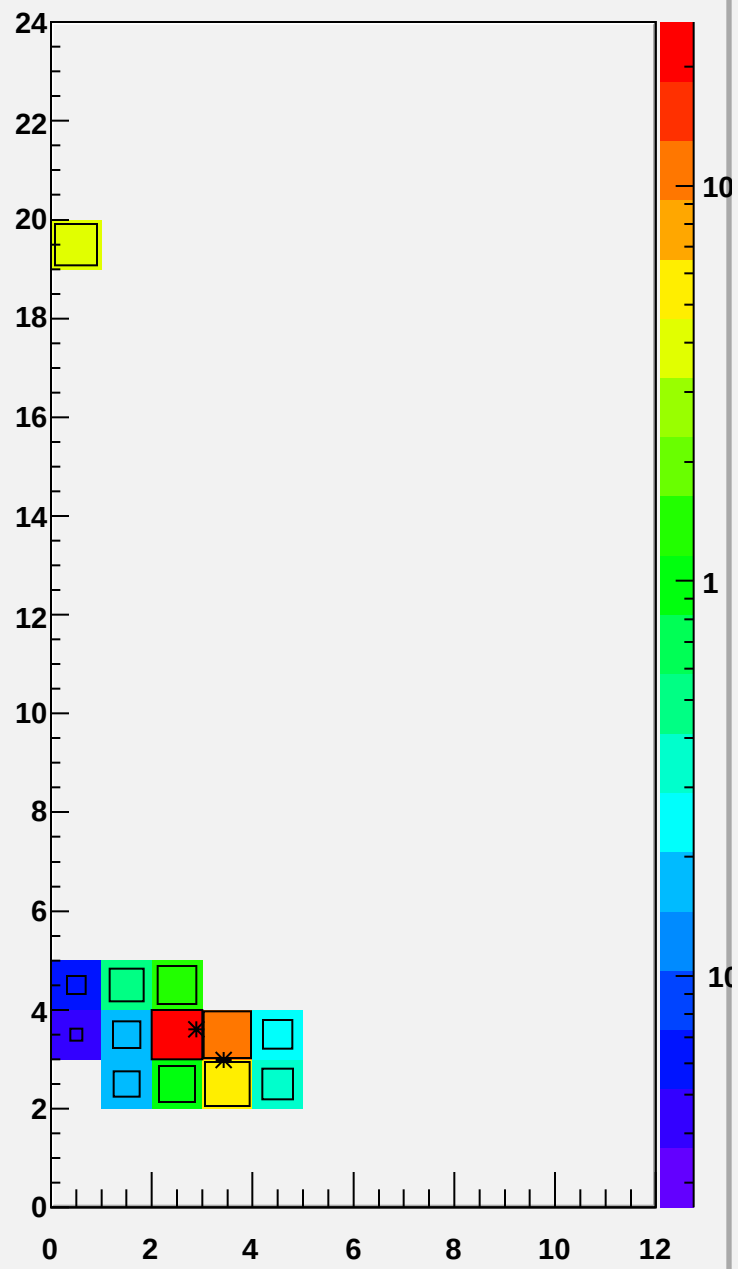
Mean x 2.245

Mean y 3.538

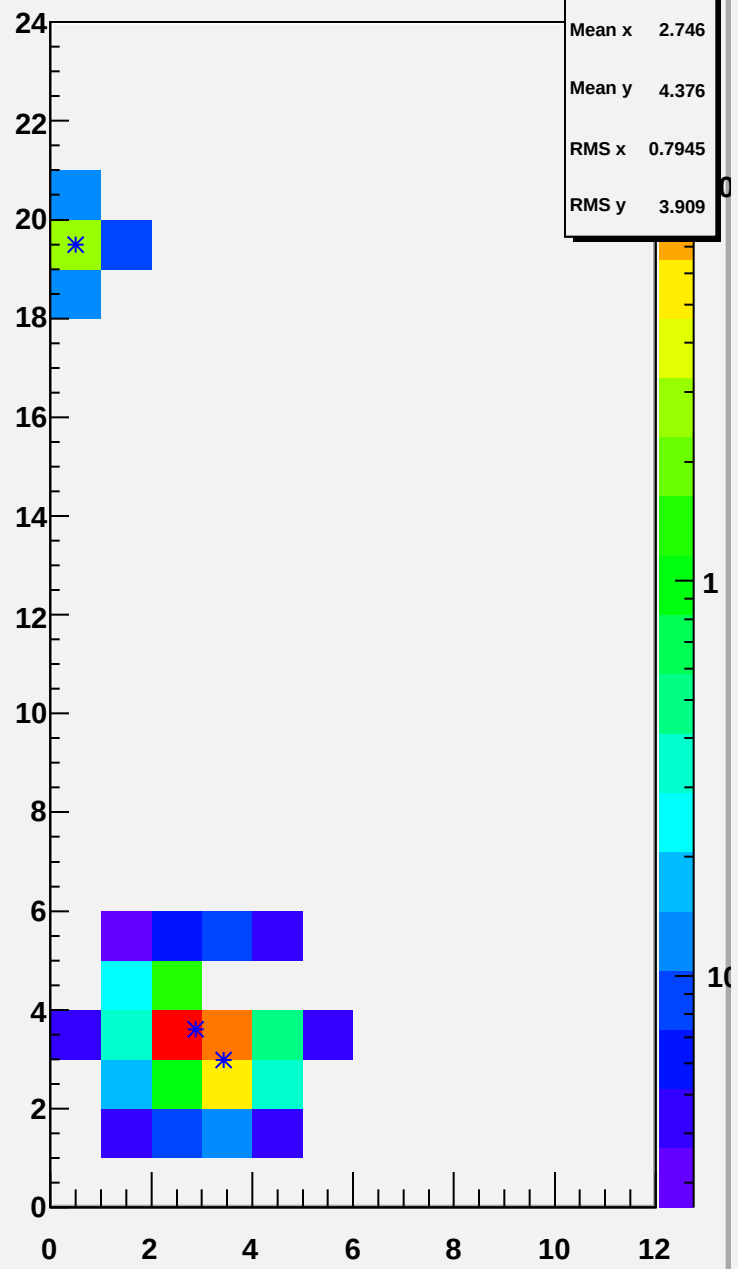
RMS x 1.356

RMS y 1.057

NSTB3_r4_c3_En=51.2_m0=0.095_m1=0.095_index=161



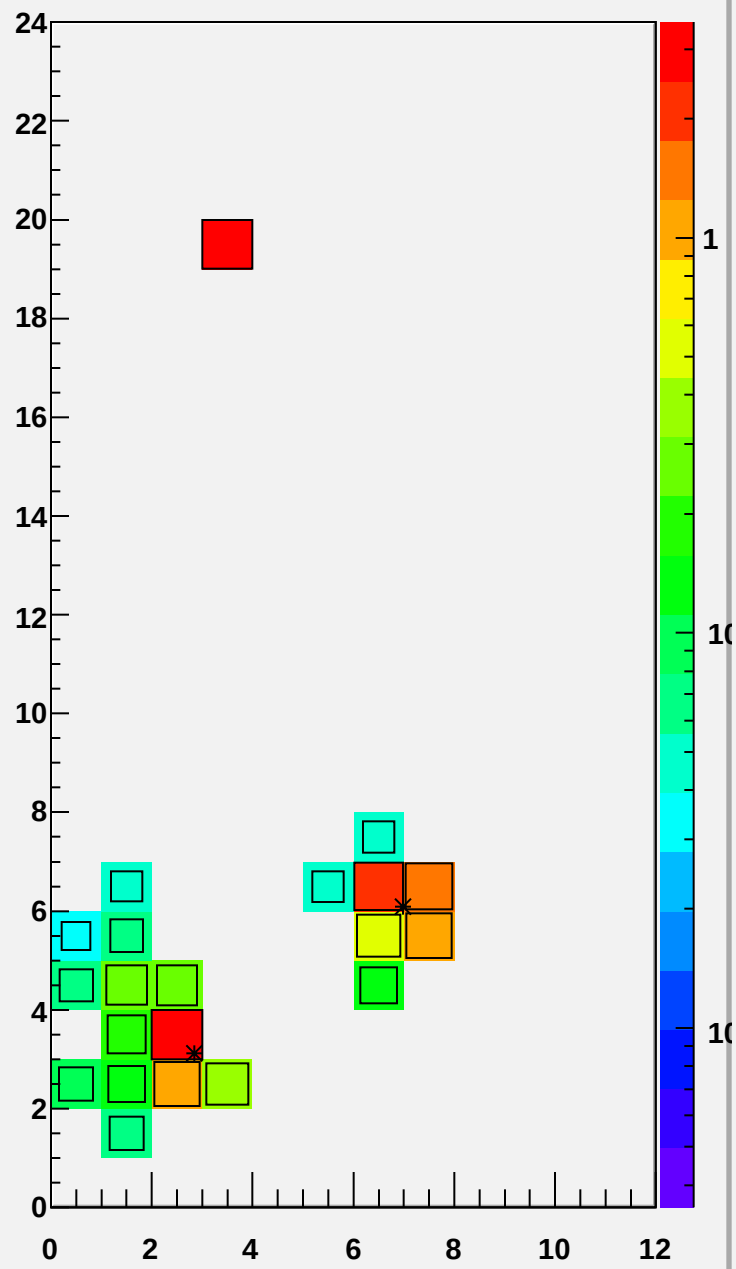
Fitted Energies



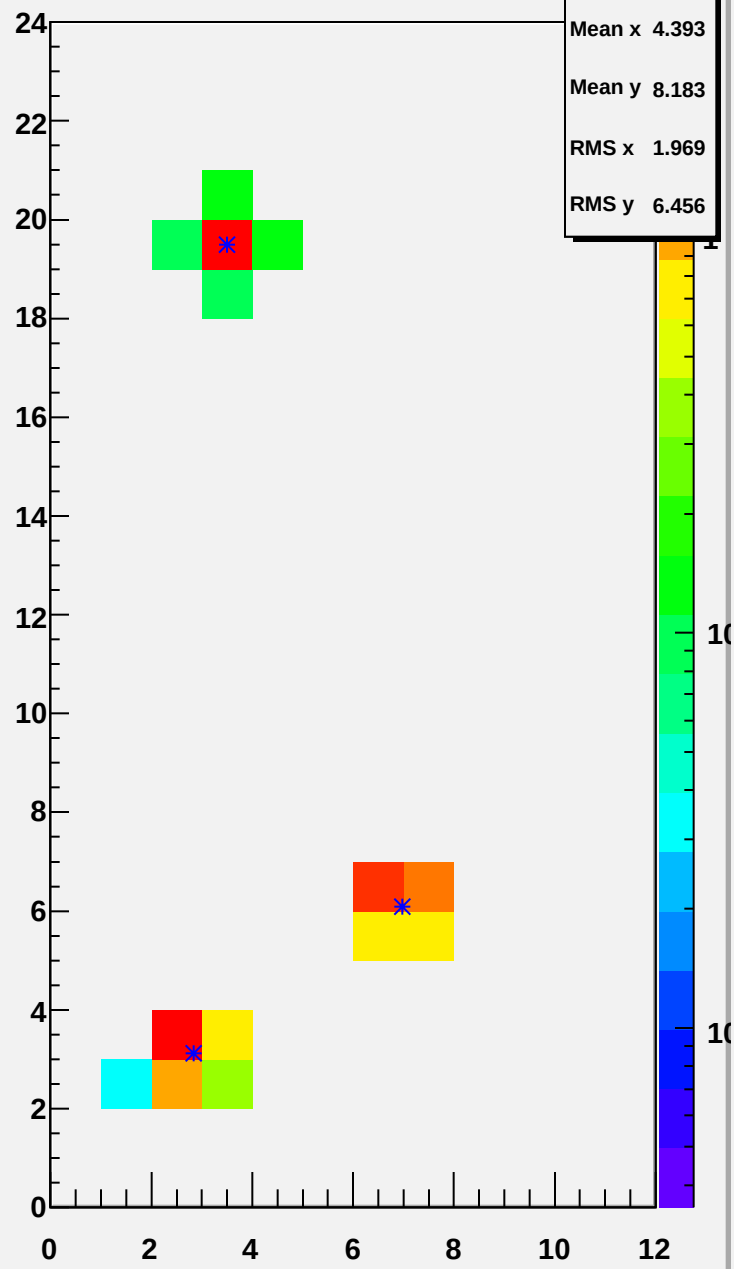
Efit

Entries	288
Mean x	2.746
Mean y	4.376
RMS x	0.7945
RMS y	3.909

NSTB3_r4_c3_En=14.7_m0=0.158 m1=0.158 index=162



Fitted Energies



Efit

Entries 288

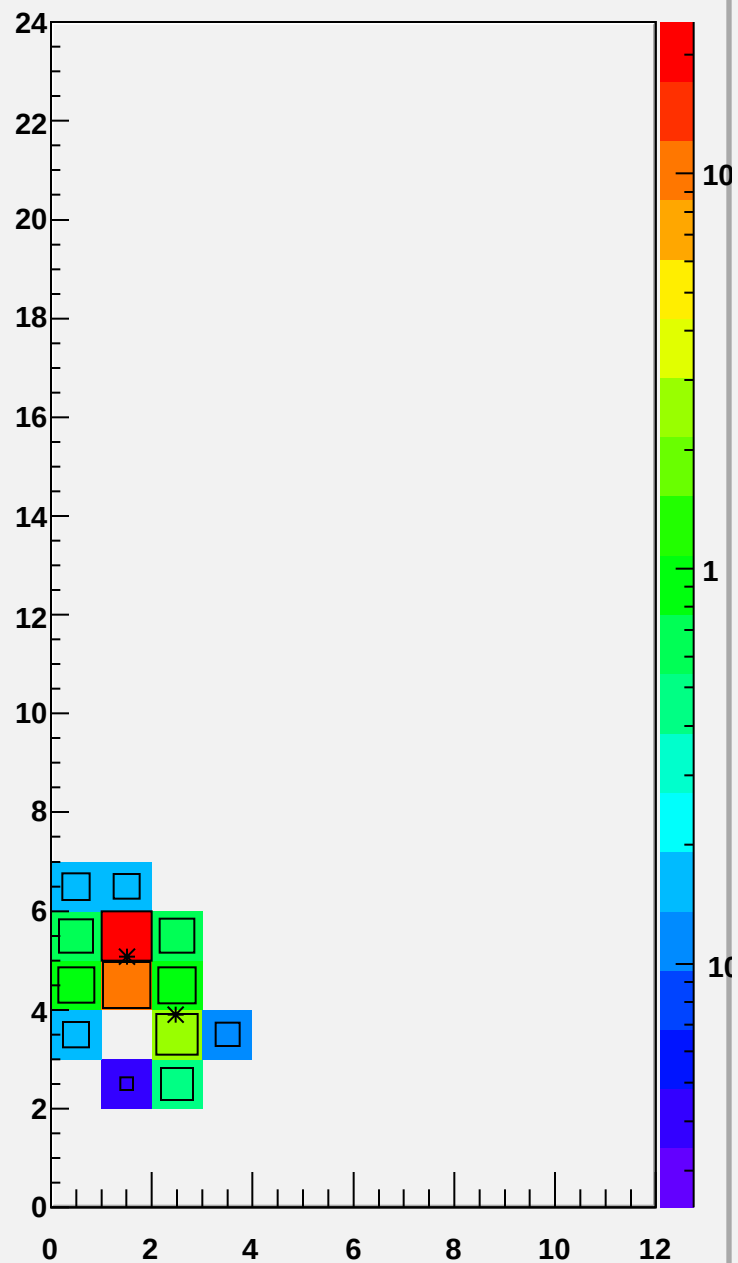
Mean x 4.393

Mean y 8.183

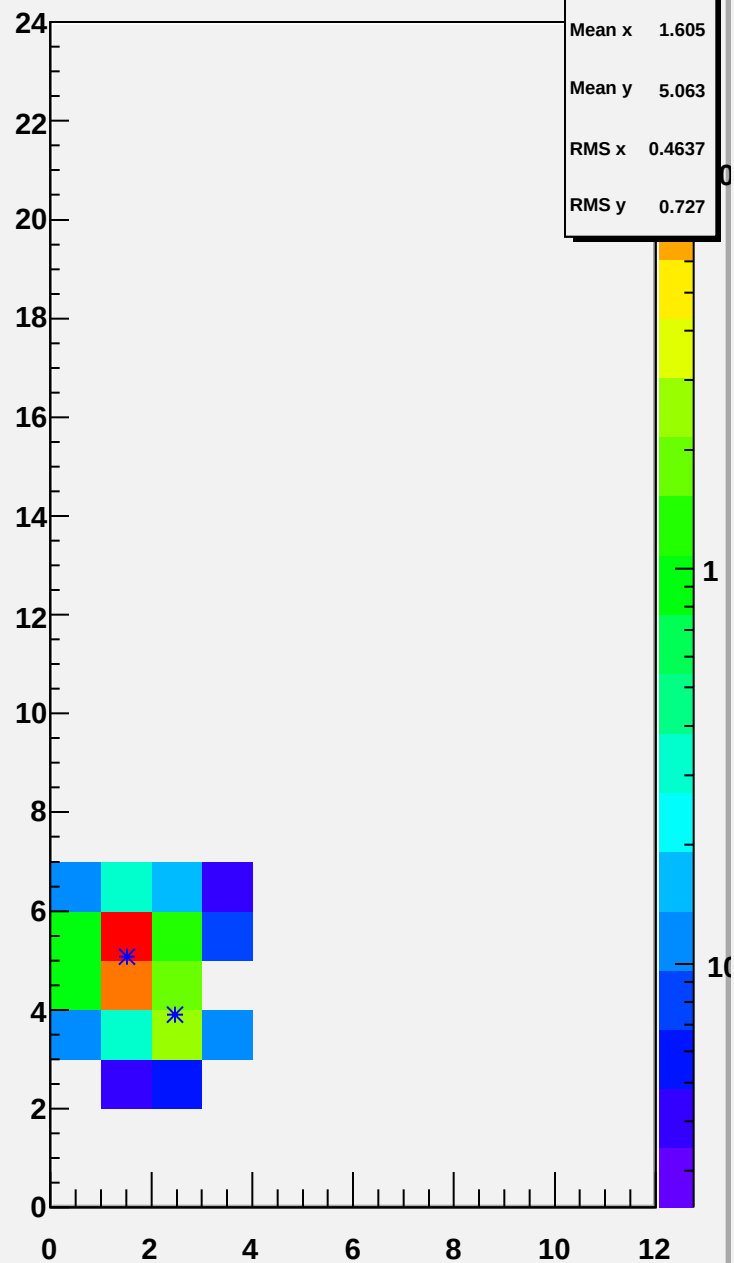
RMS x 1.969

RMS y 6.456

NSTB3_r4_c3_En=41.1_m0=0.109_m1=0.109_index=164



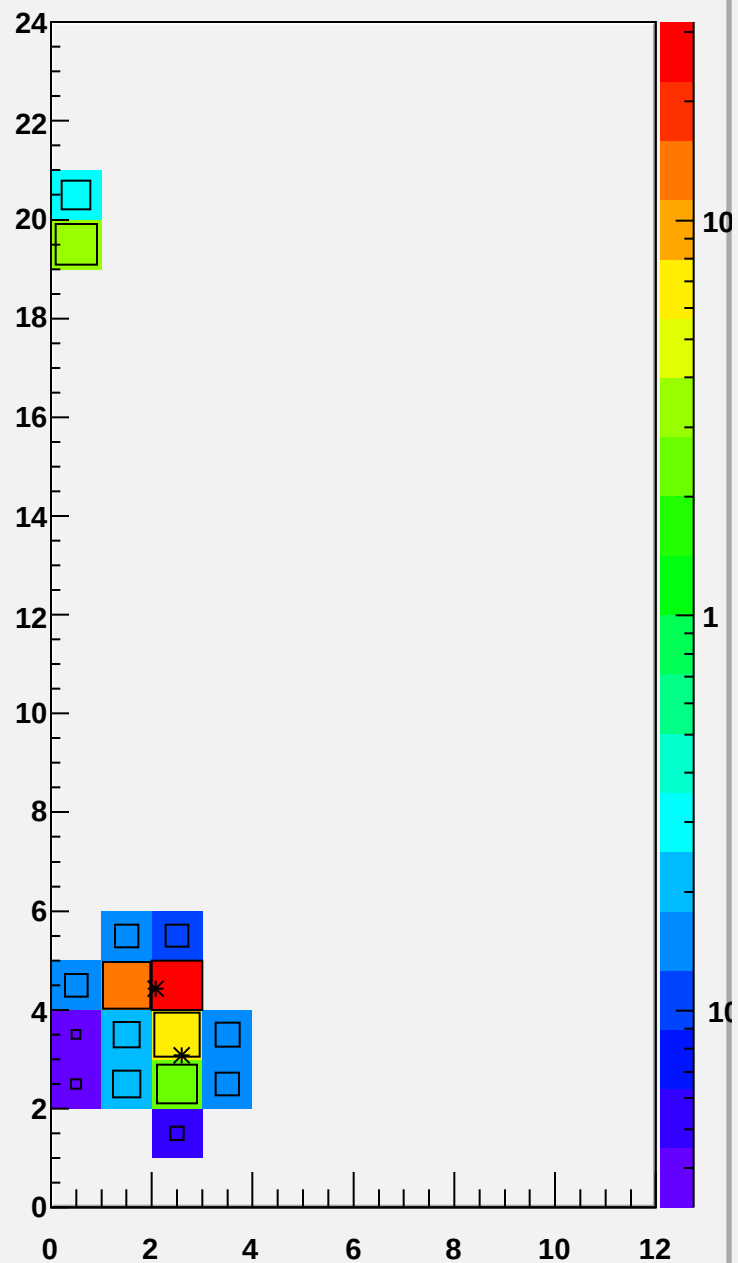
Fitted Energies



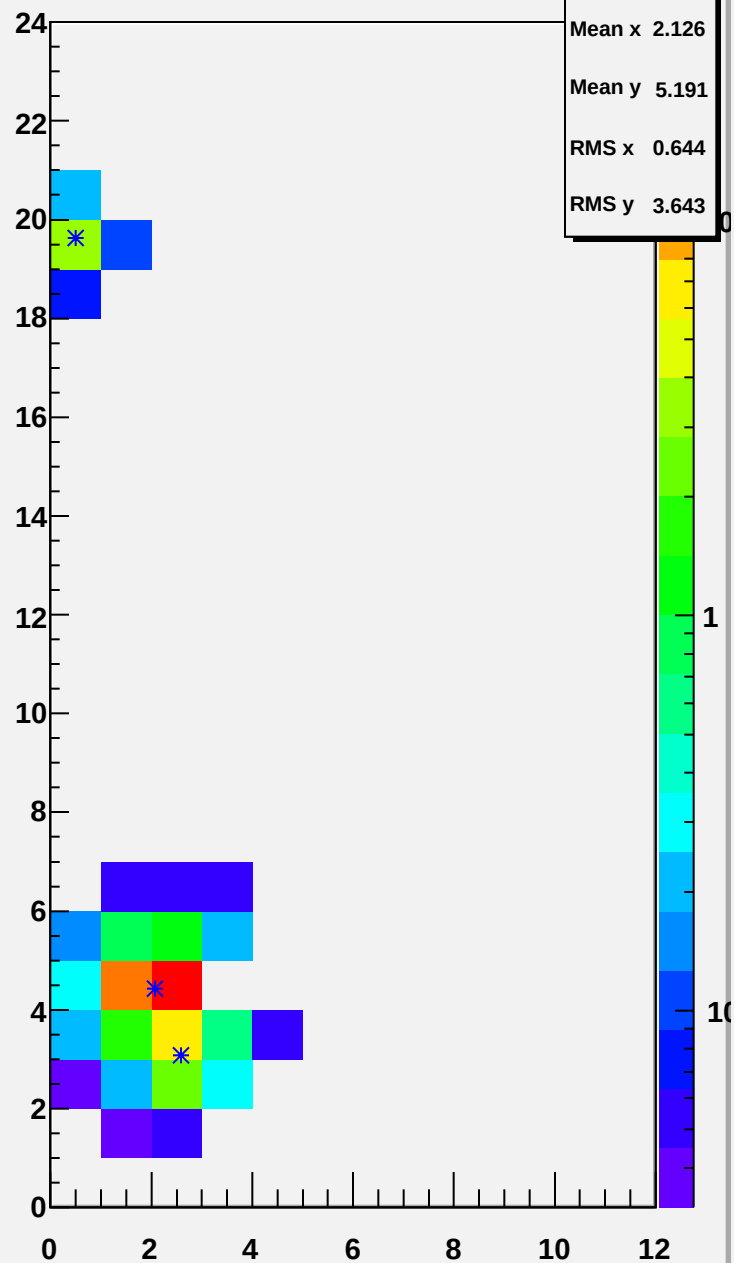
Efit

Entries	288
Mean x	1.605
Mean y	5.063
RMS x	0.4637
RMS y	0.727

NSTB3_r4_c3_En=62.2_m0=0.160_m1=0.161_index=165



Fitted Energies



Efit

Entries 288

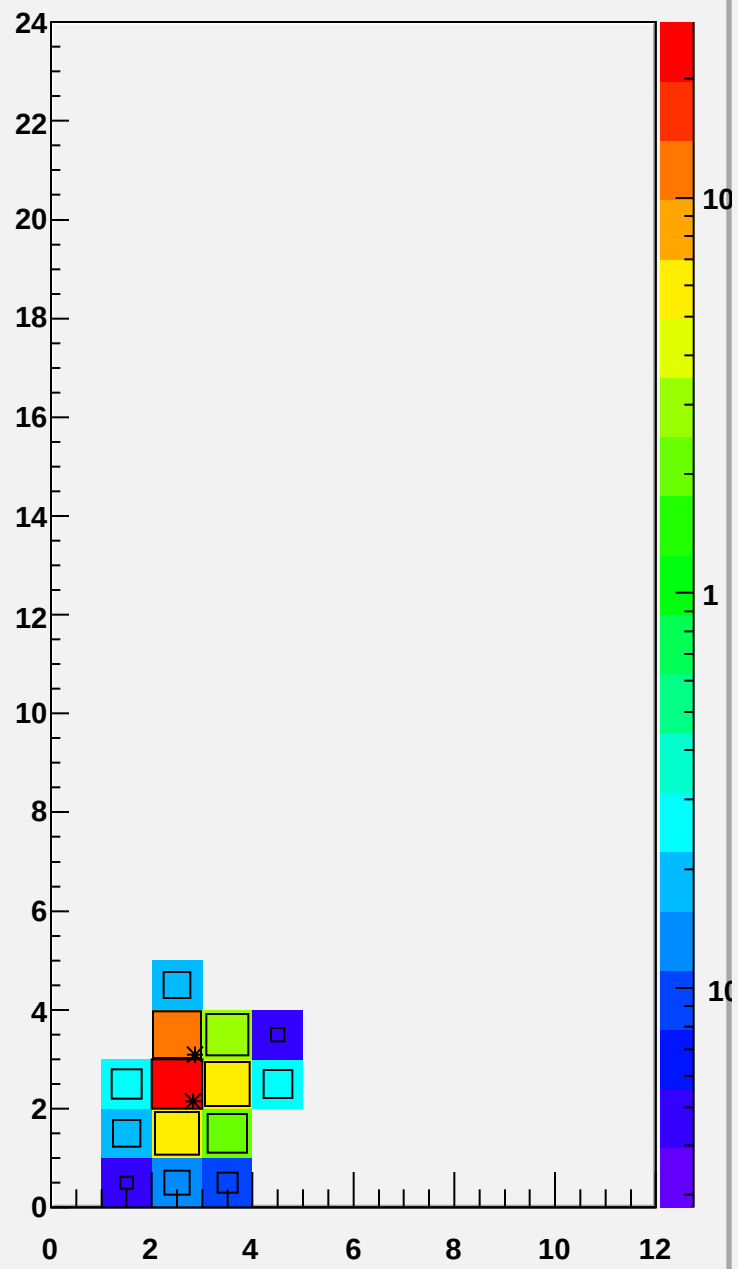
Mean x 2.126

Mean y 5.191

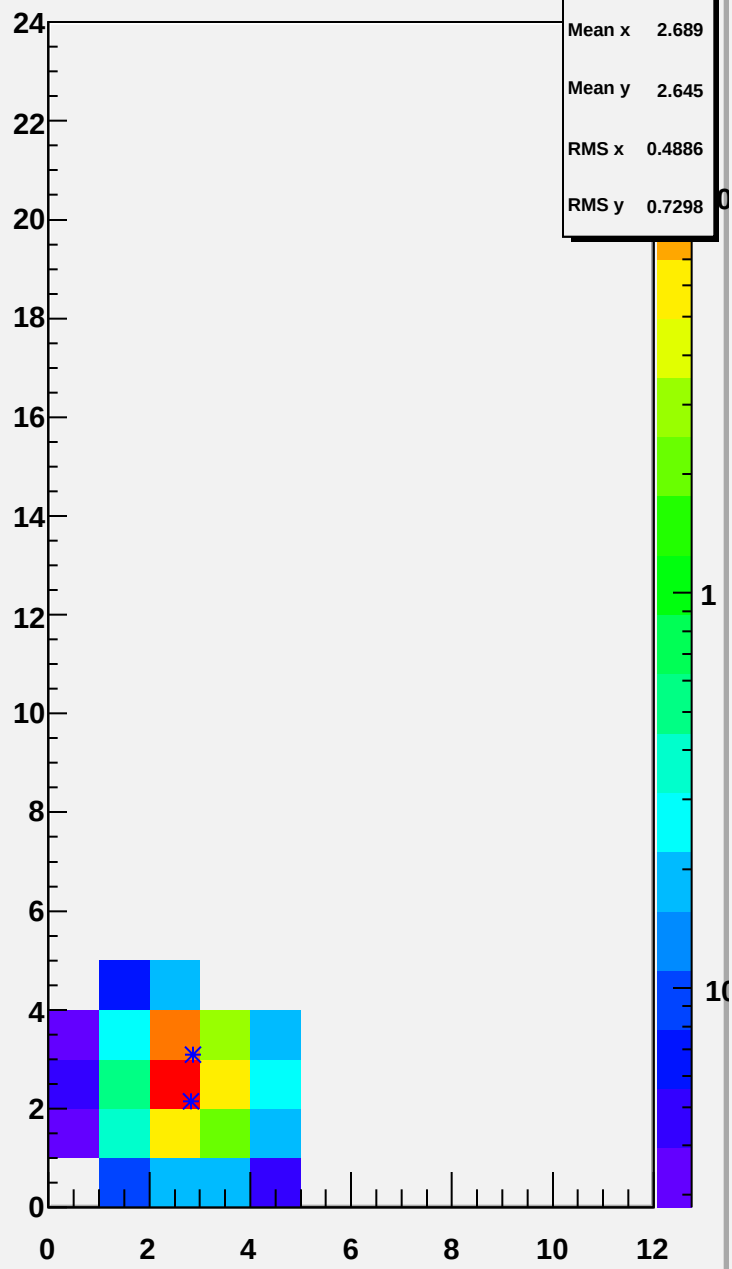
RMS x 0.644

RMS y 3.643

NSTB3_r4_c3_En=58.8_m0=0.151 m1=0.150 index=168



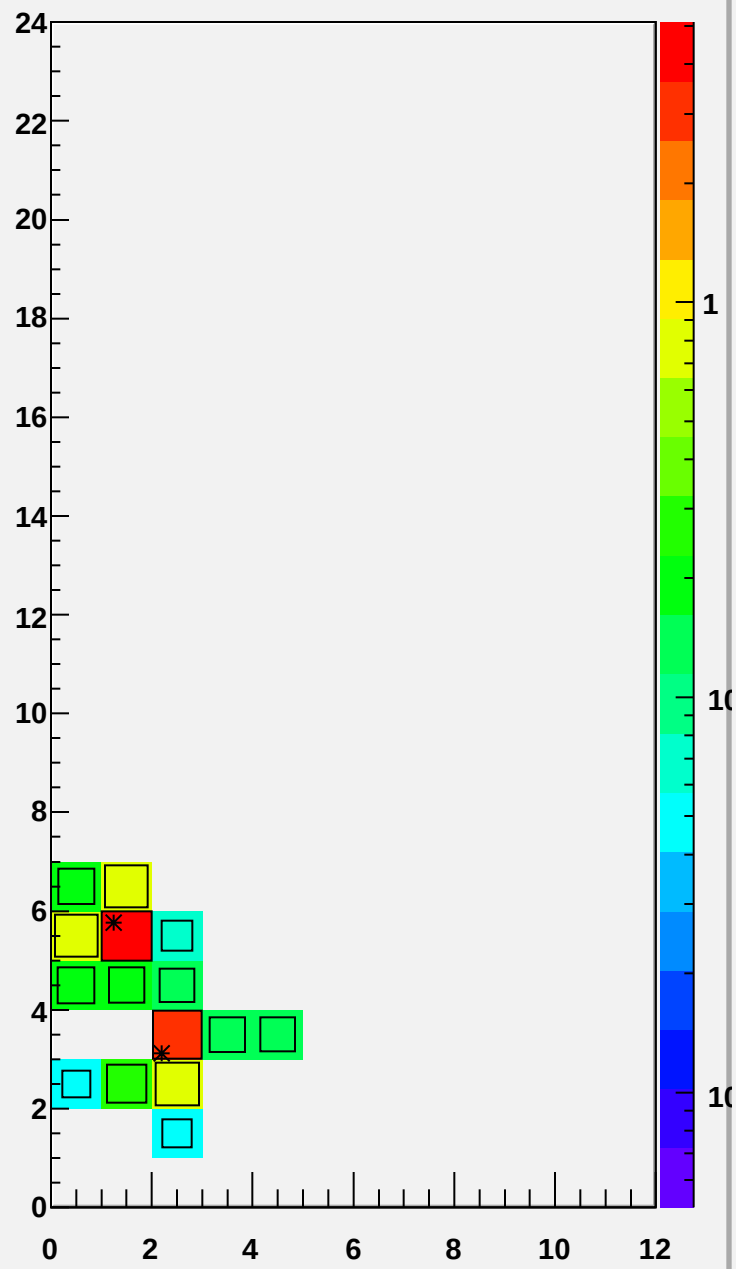
Fitted Energies



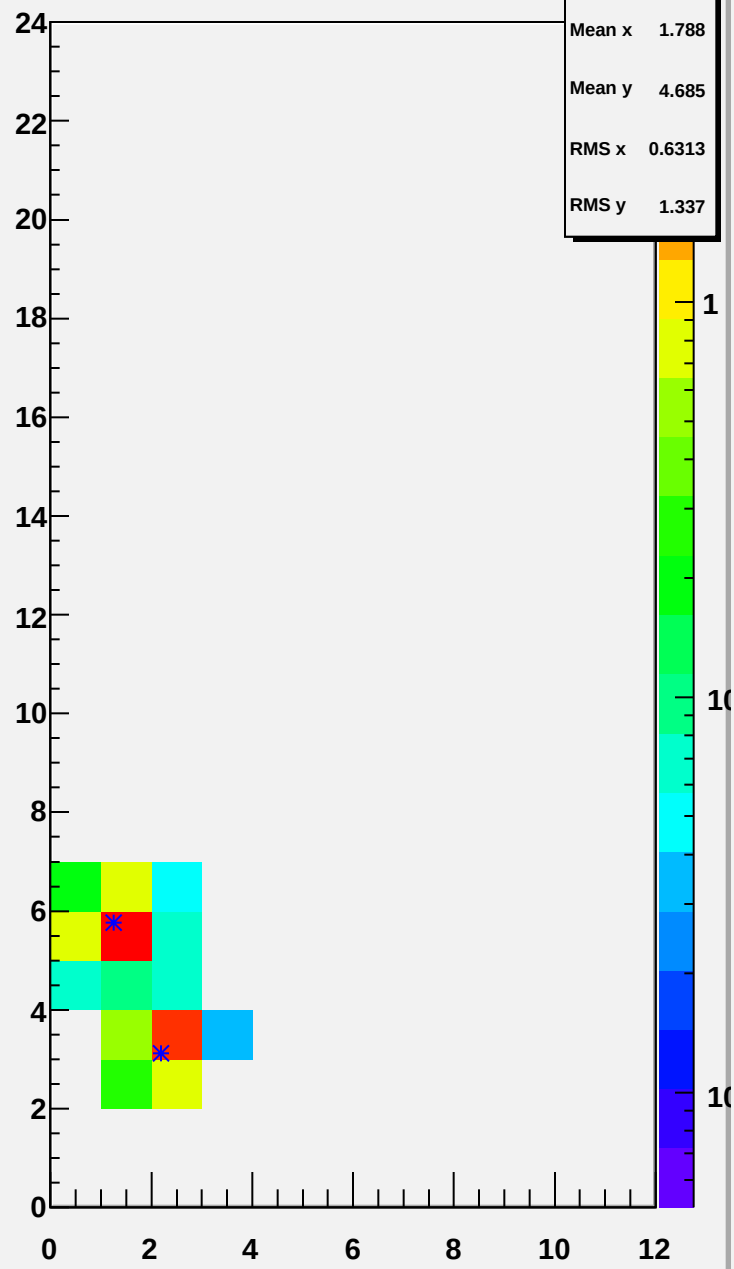
Efit

Entries	288
Mean x	2.689
Mean y	2.645
RMS x	0.4886
RMS y	0.7298

NSTB3_r4_c3_En=12.0_m0=0.094 m1=0.094 index=169



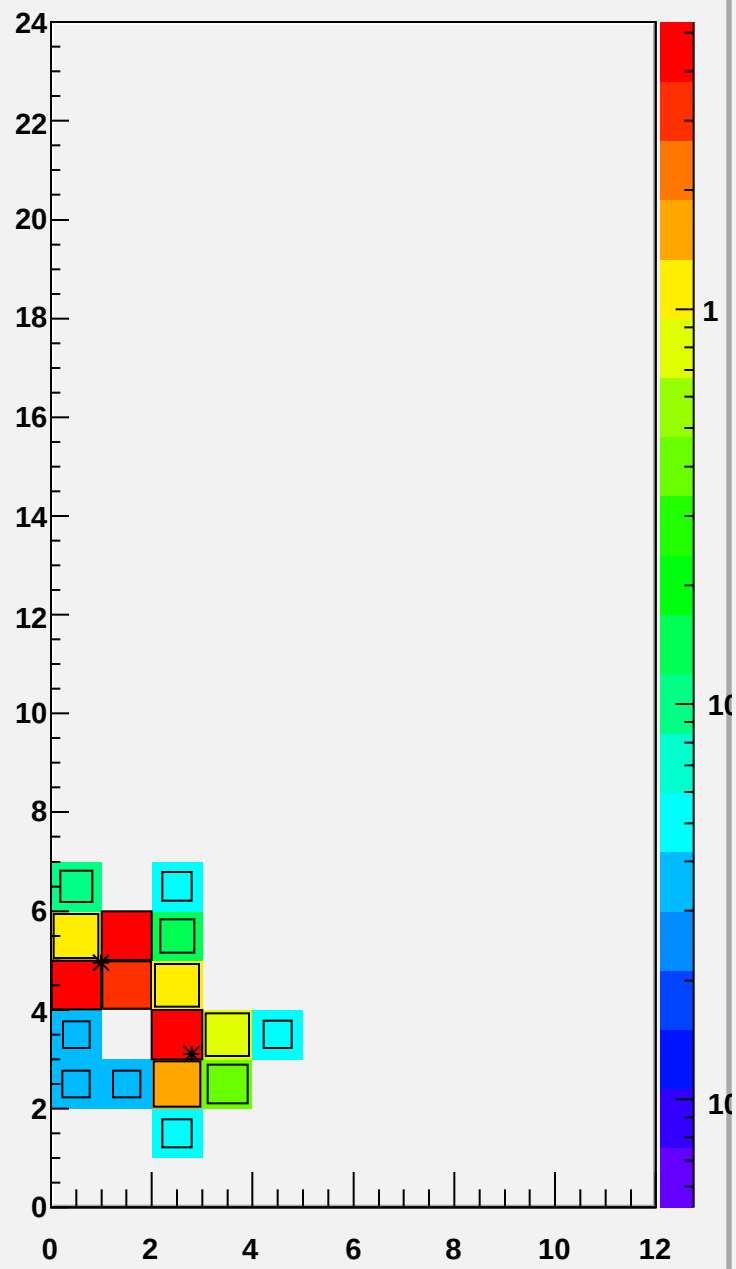
Fitted Energies



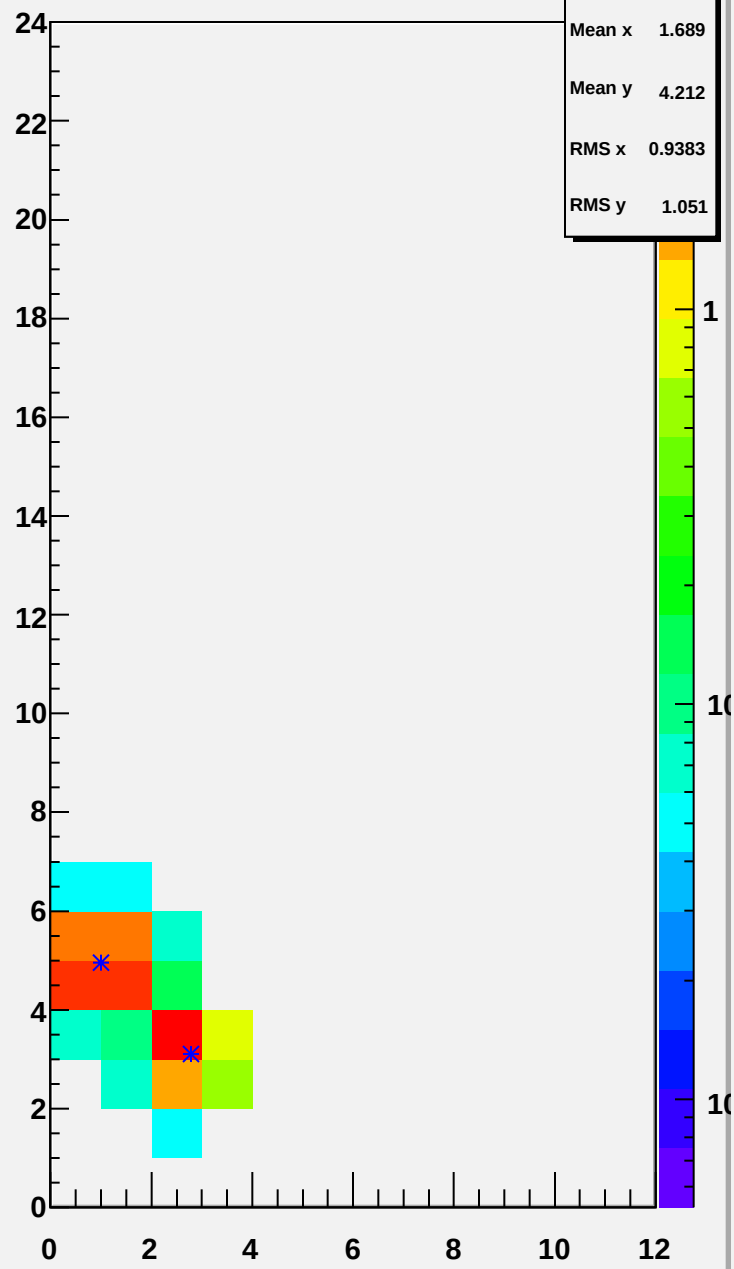
Efit

Entries	288
Mean x	1.788
Mean y	4.685
RMS x	0.6313
RMS y	1.337

NSTB3_r4_c3_En=23.0_m0=0.150_m1=0.150_index=170



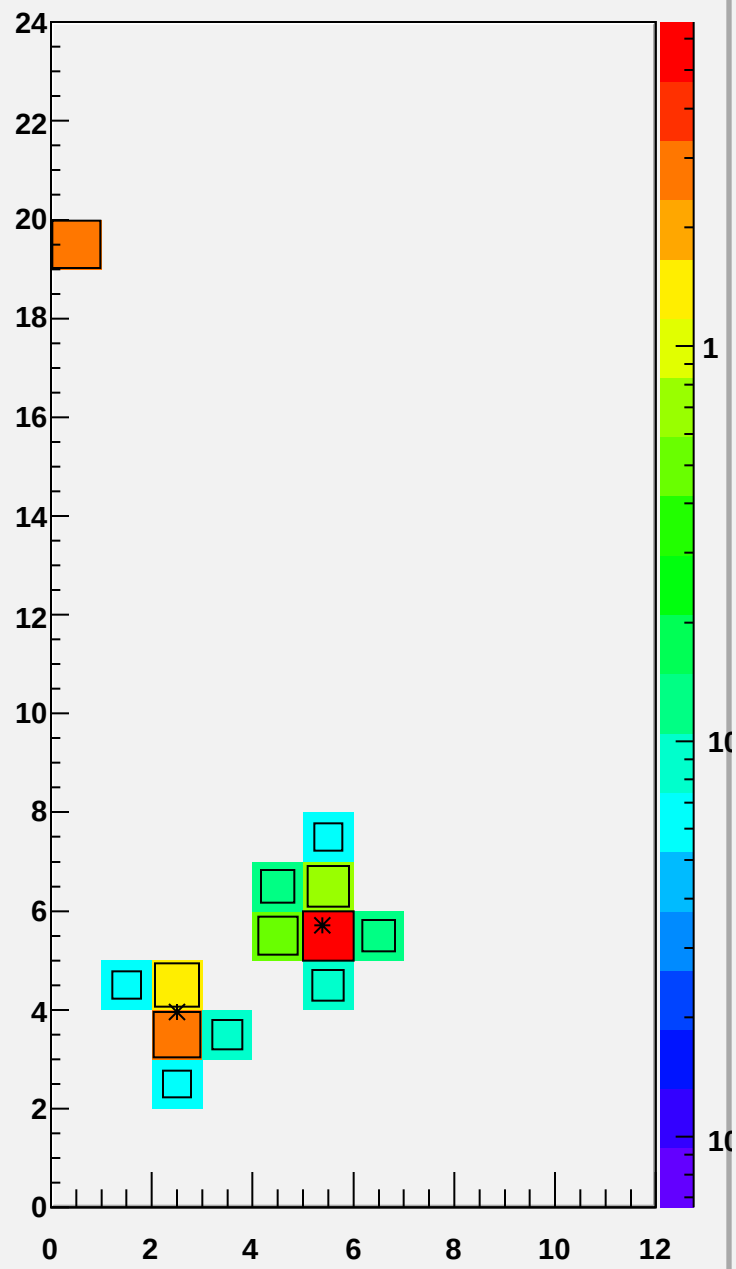
Fitted Energies



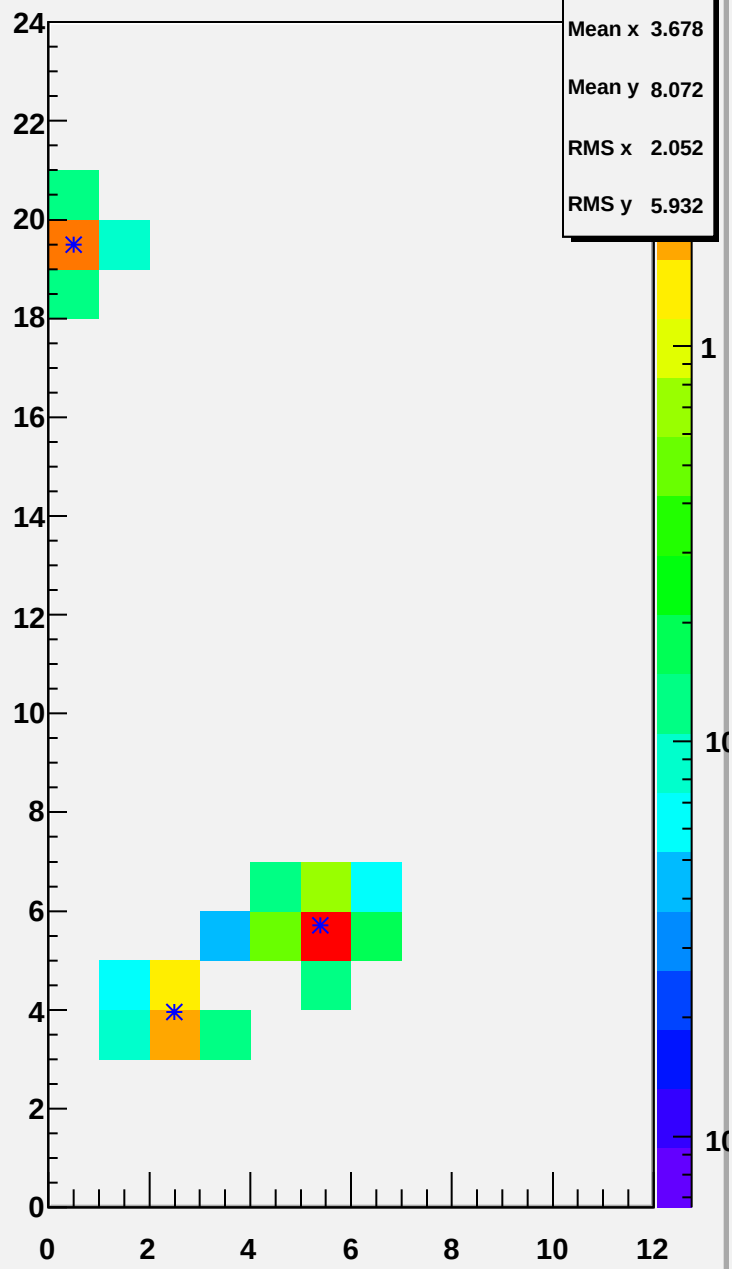
Efit

Entries	288
Mean x	1.689
Mean y	4.212
RMS x	0.9383
RMS y	1.051

NSTB3_r4_c3_En=15.2_m0=0.111 m1=0.111 index=171



Fitted Energies



Efit

Entries 288

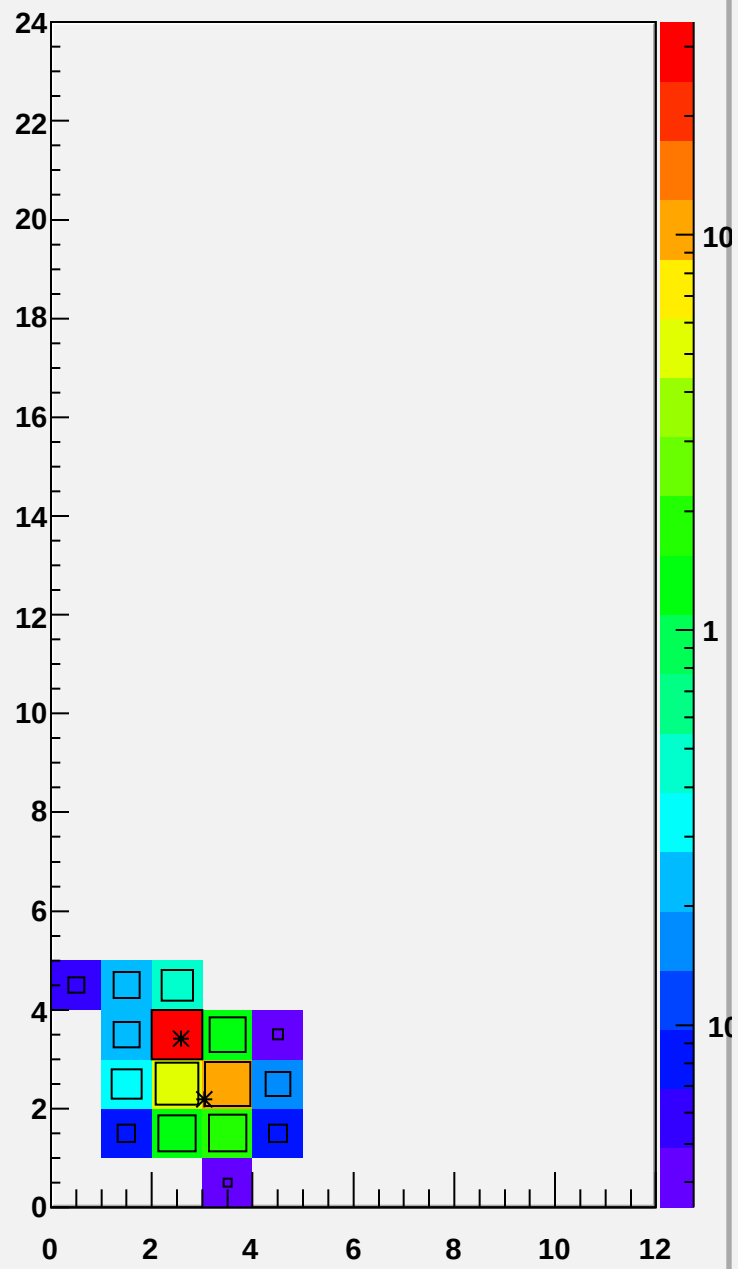
Mean x 3.678

Mean y 8.072

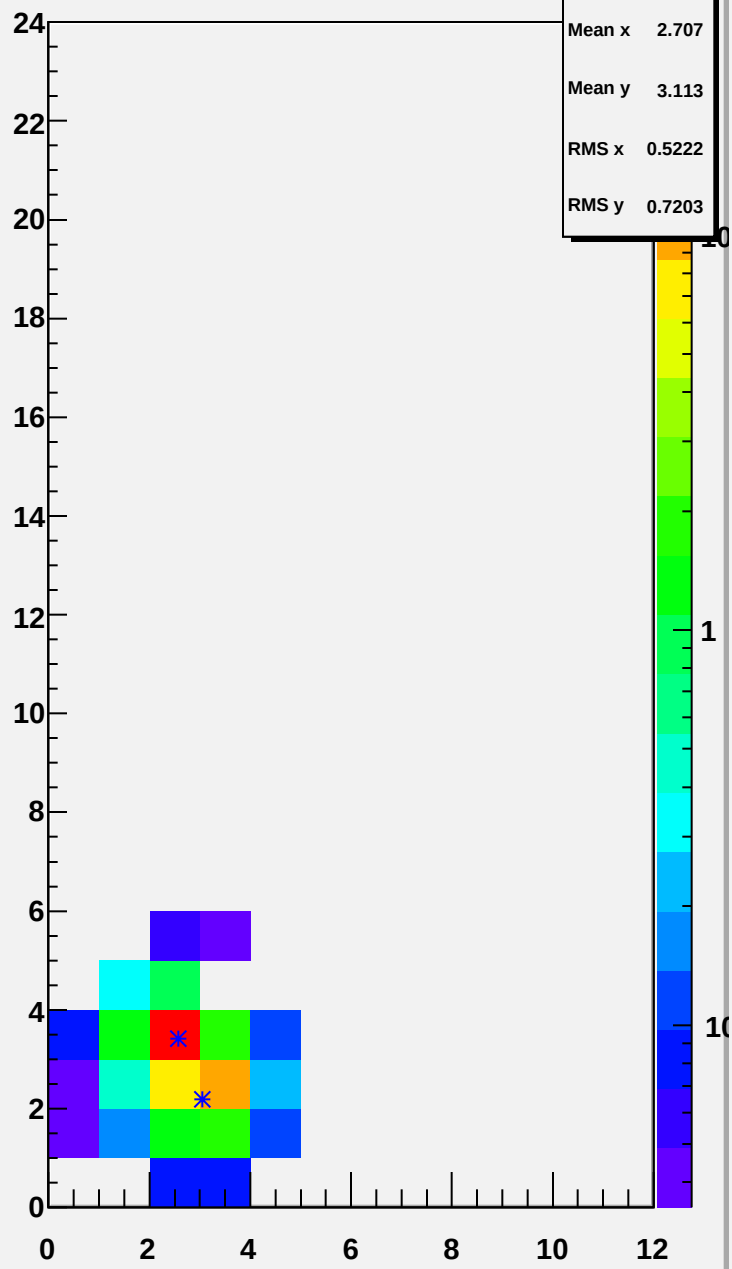
RMS x 2.052

RMS y 5.932

NSTB3_r4_c3_En=54.8_m0=0.198 m1=0.198 index=172



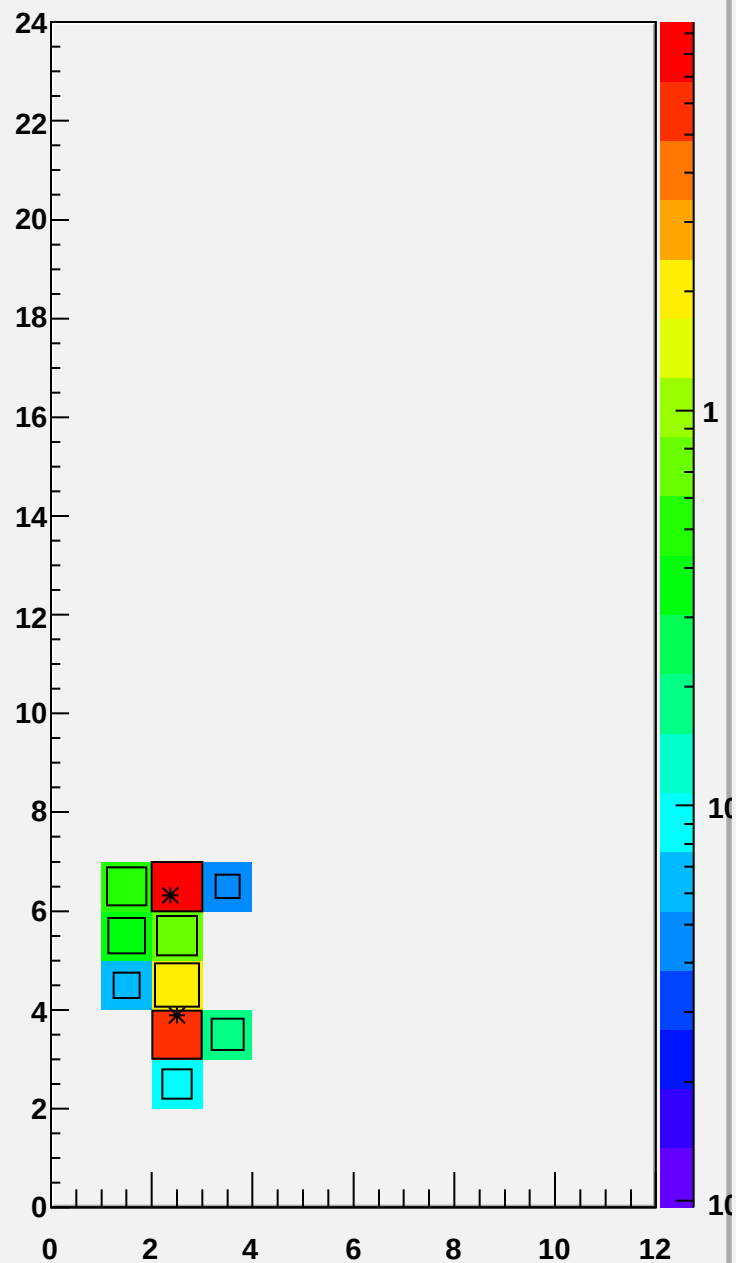
Fitted Energies



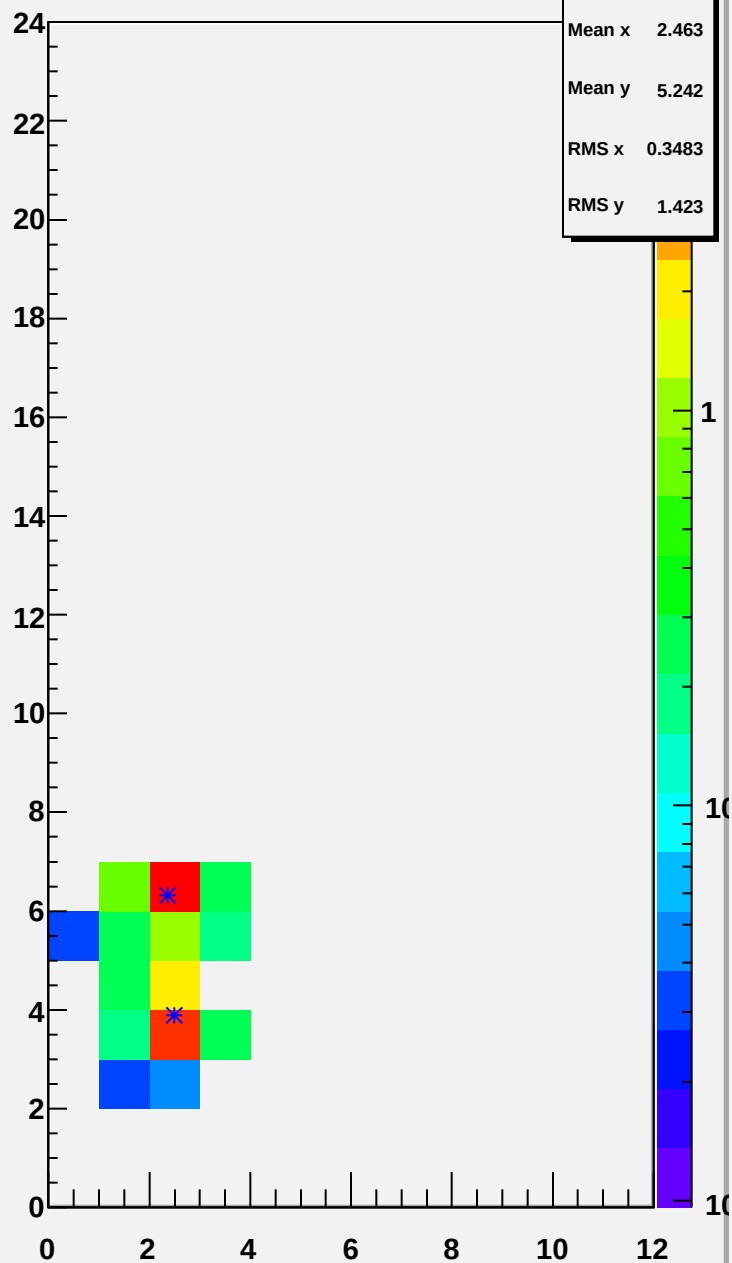
Efit

Entries	288
Mean x	2.707
Mean y	3.113
RMS x	0.5222
RMS y	0.7203

NSTB3_r4_c3_En=20.3_m0=0.147 m1=0.147 index=173



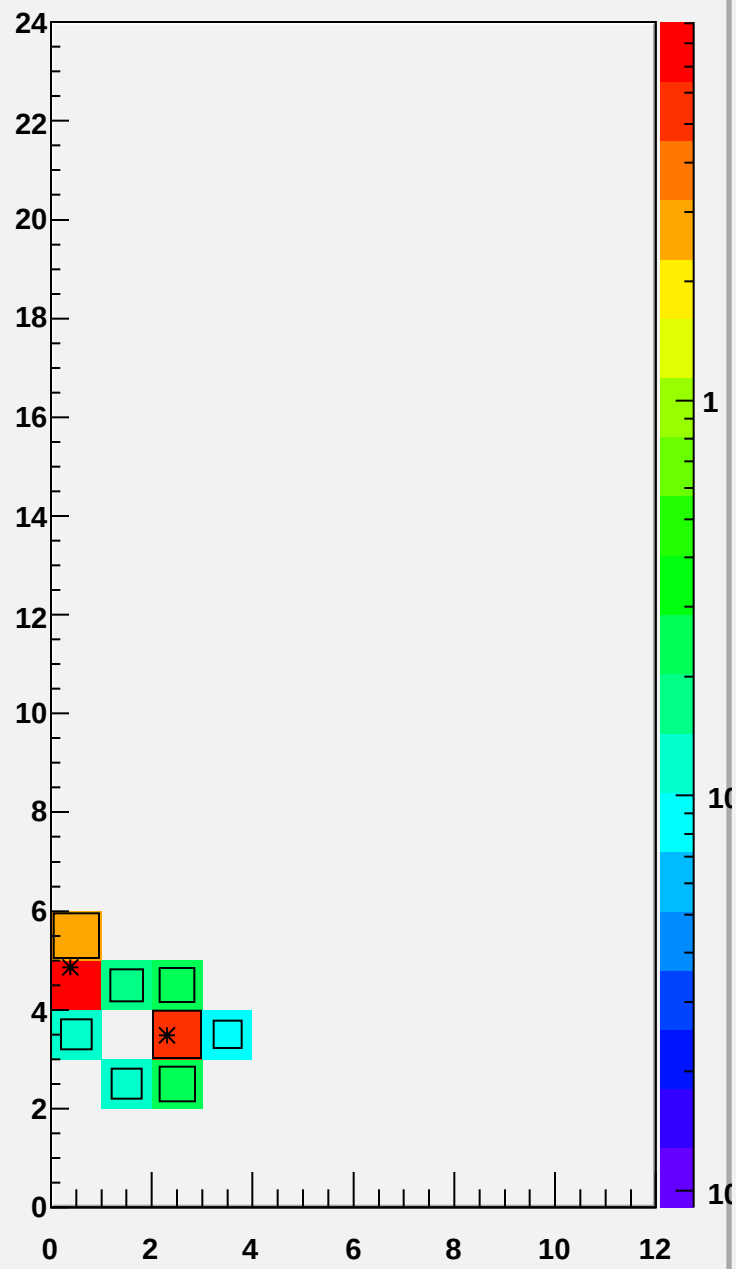
Fitted Energies



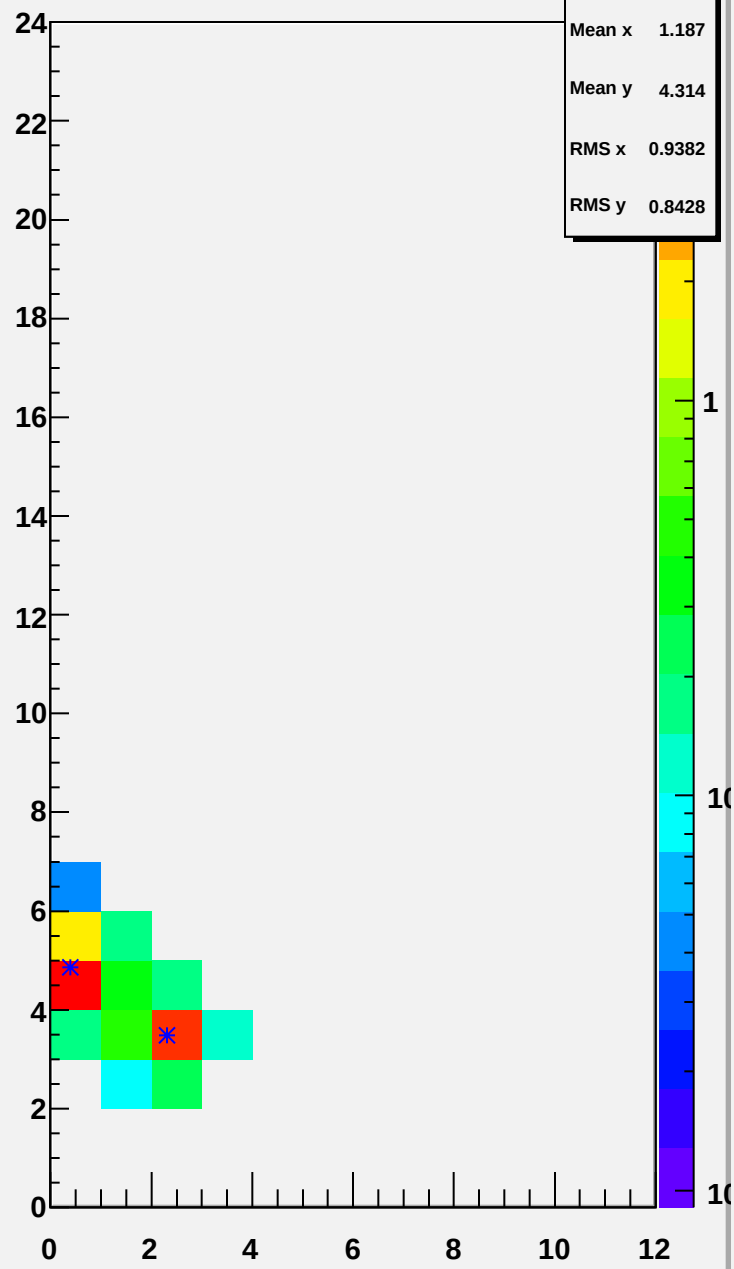
Efit

Entries	288
Mean x	2.463
Mean y	5.242
RMS x	0.3483
RMS y	1.423

NSTB3_r4_c3_En=17.5_m0=0.118 m1=0.118 index=174



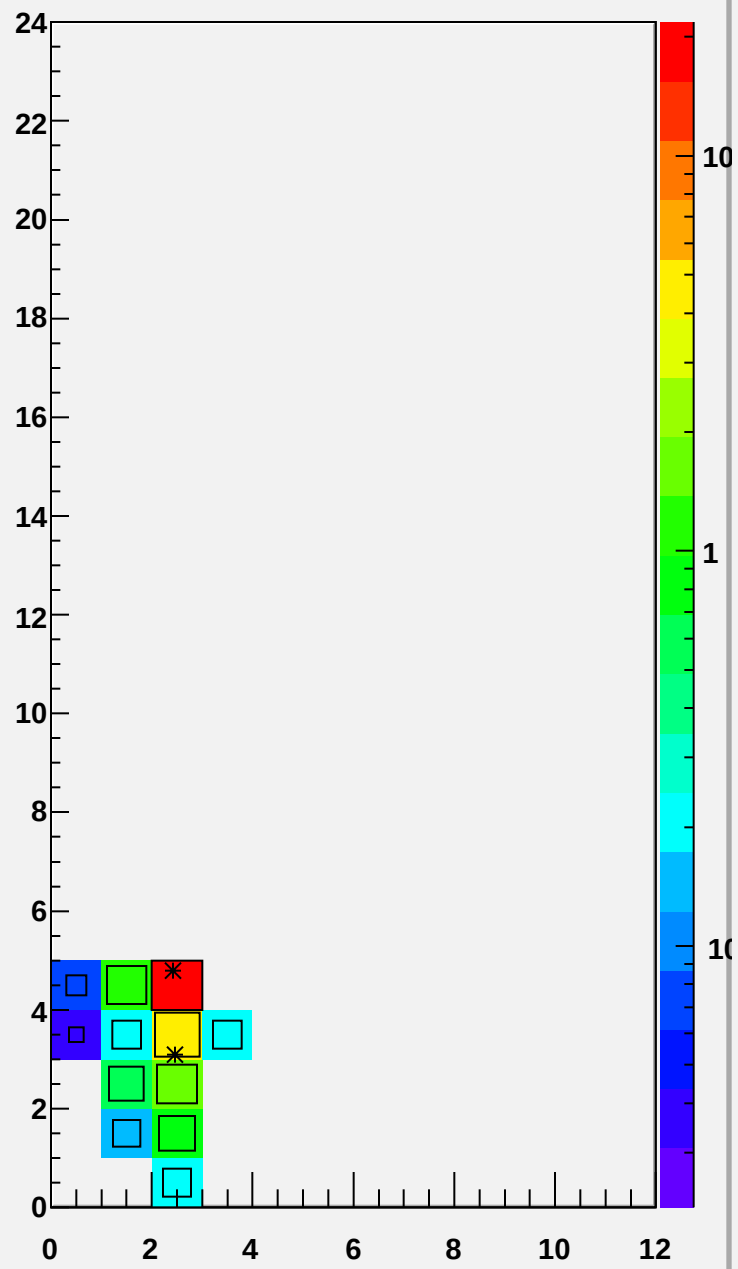
Fitted Energies



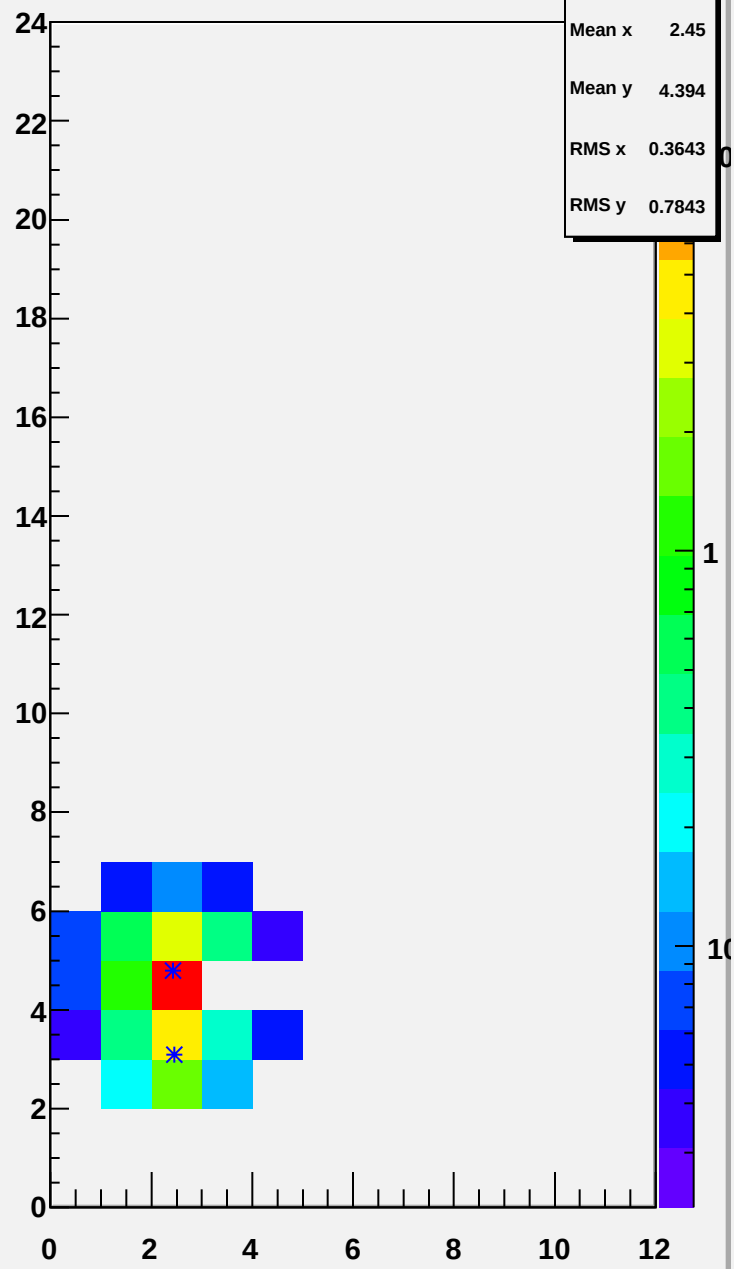
Efit

Entries	288
Mean x	1.187
Mean y	4.314
RMS x	0.9382
RMS y	0.8428

NSTB3_r4_c3_En=31.8_m0=0.131_m1=0.131_index=175



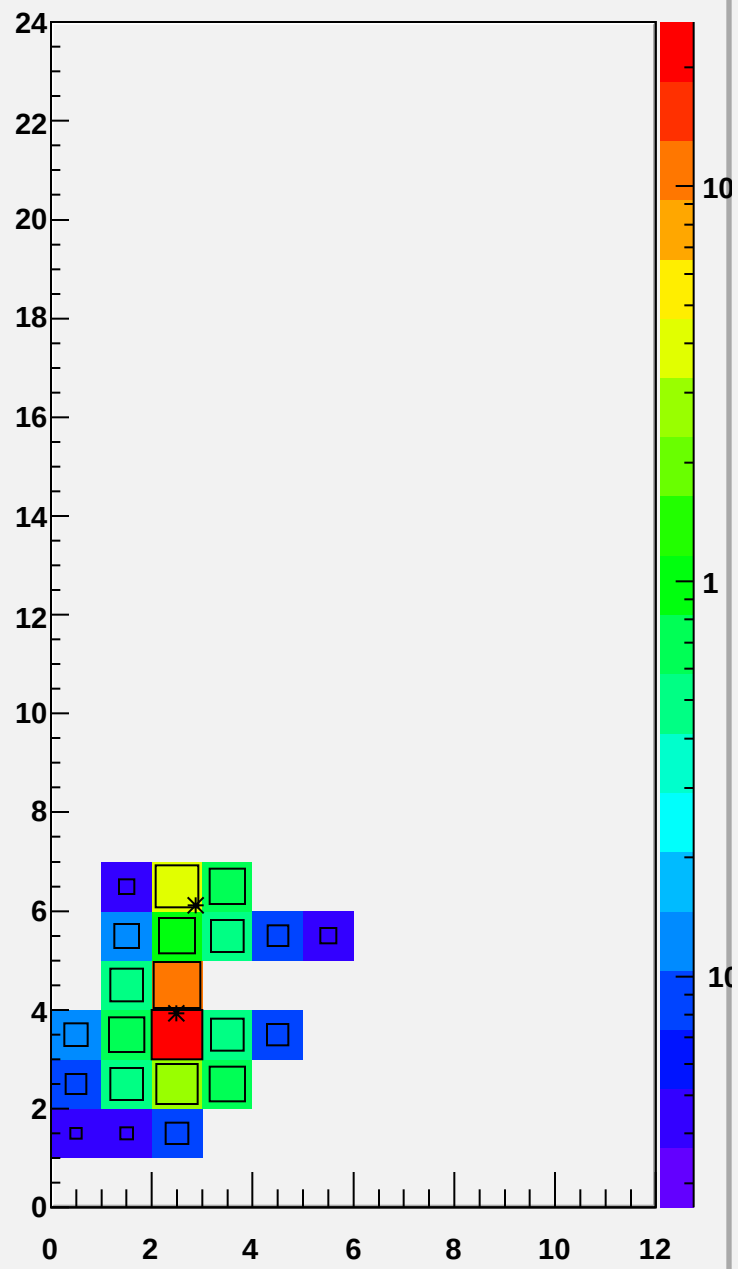
Fitted Energies



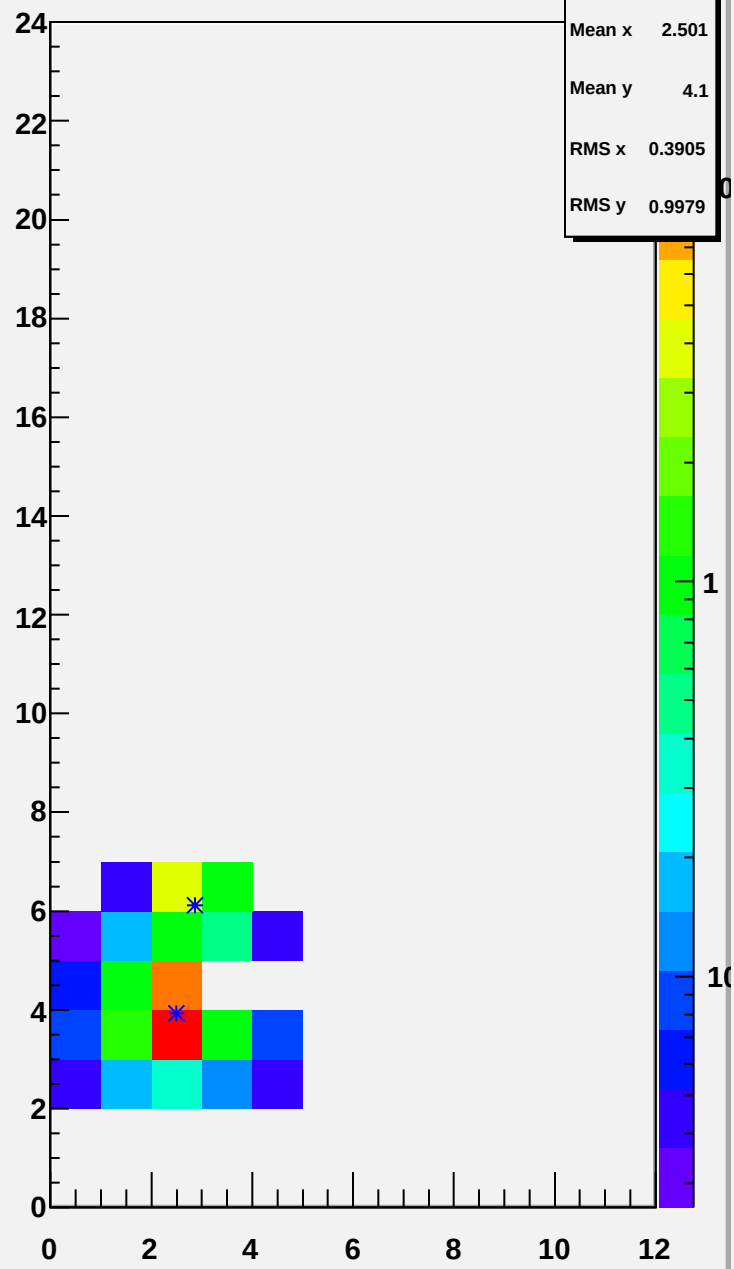
Efit

Entries	288
Mean x	2.45
Mean y	4.394
RMS x	0.3643
RMS y	0.7843

NSTB3_r4_c3_En=49.2_m0=0.194_m1=0.194_index=177



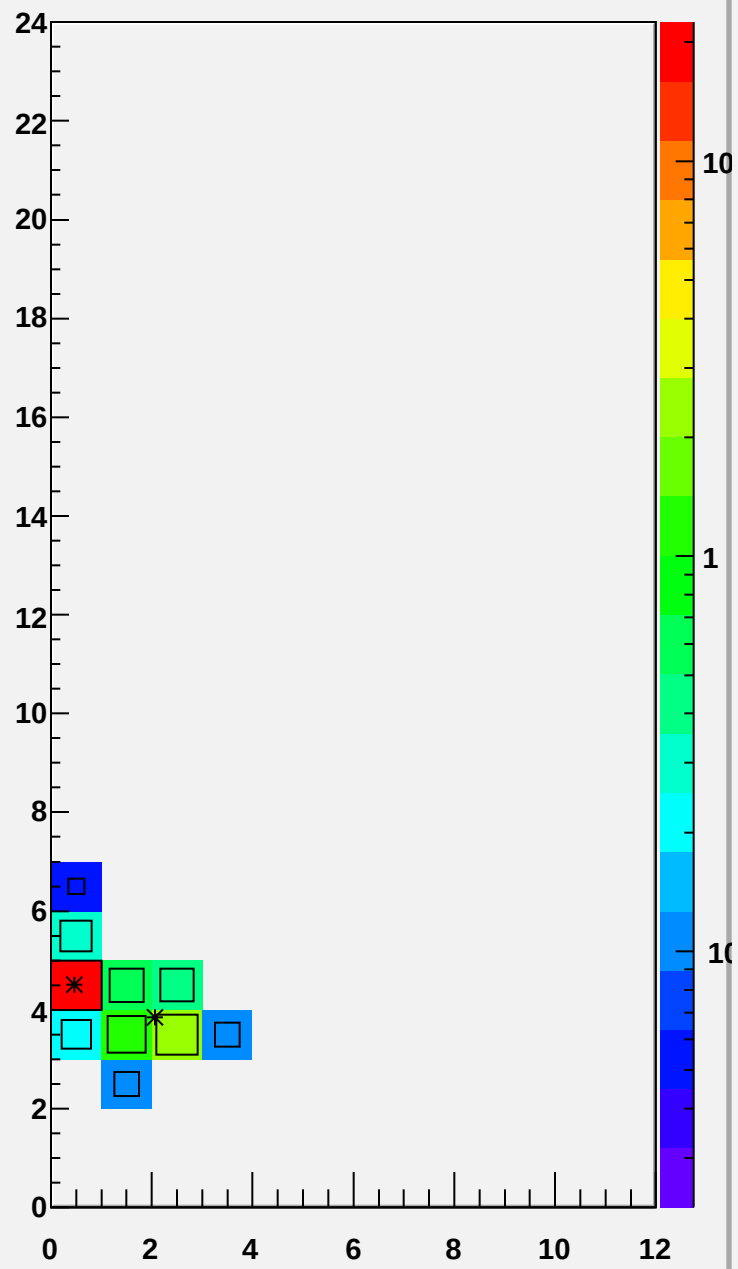
Fitted Energies



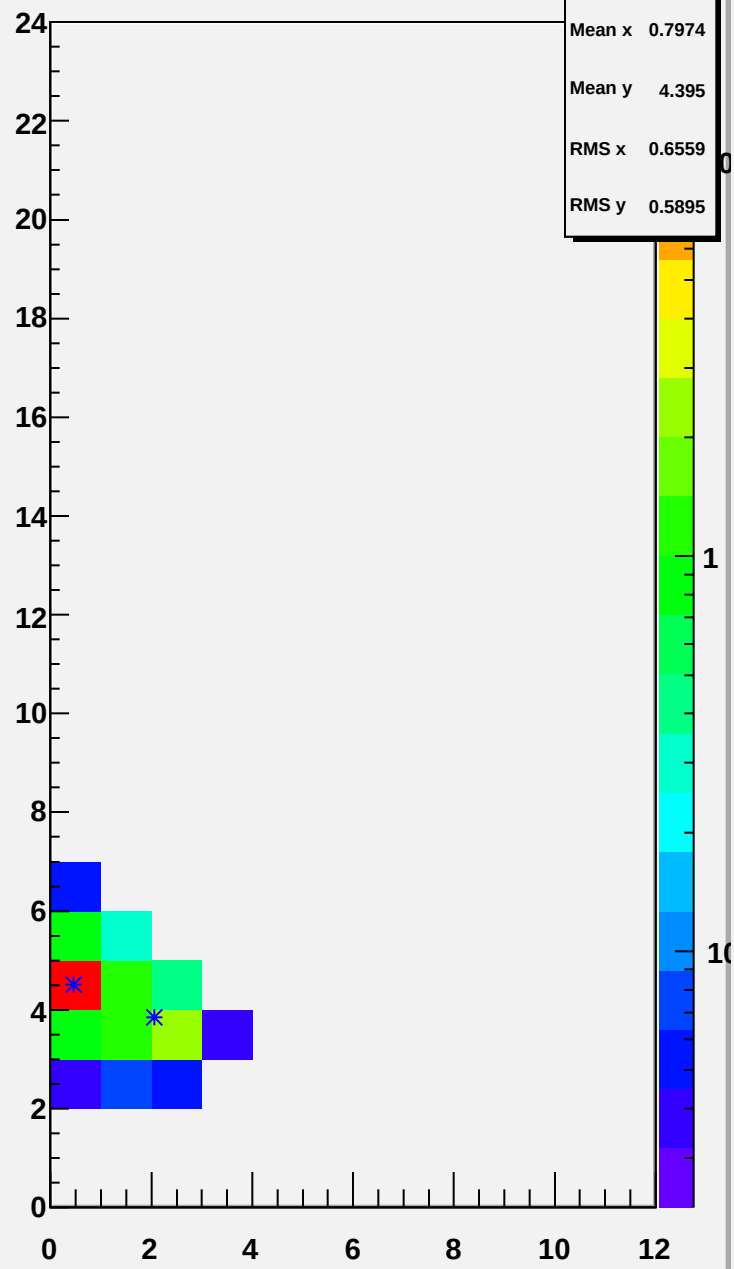
Efit

Entries	288
Mean x	2.501
Mean y	4.1
RMS x	0.3905
RMS y	0.9979

NSTB3_r4_c3_En=27.6_m0=0.101 m1=0.101 index=178



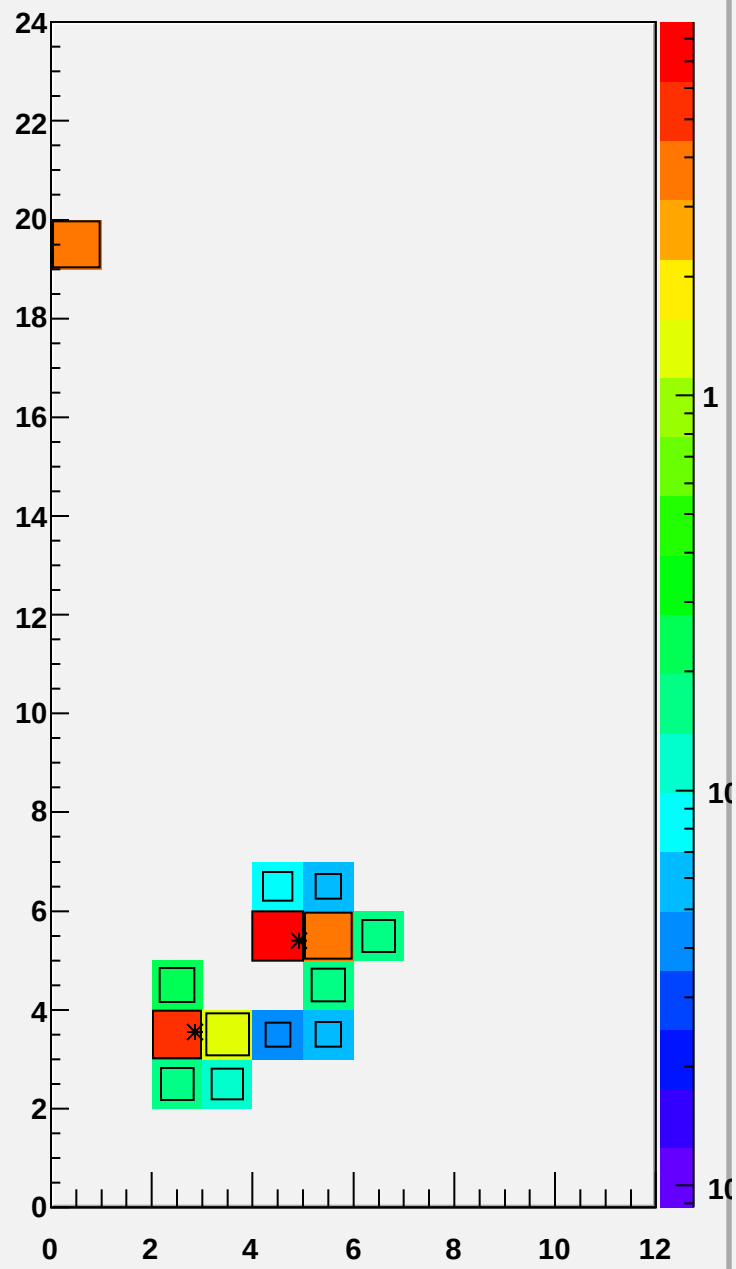
Fitted Energies



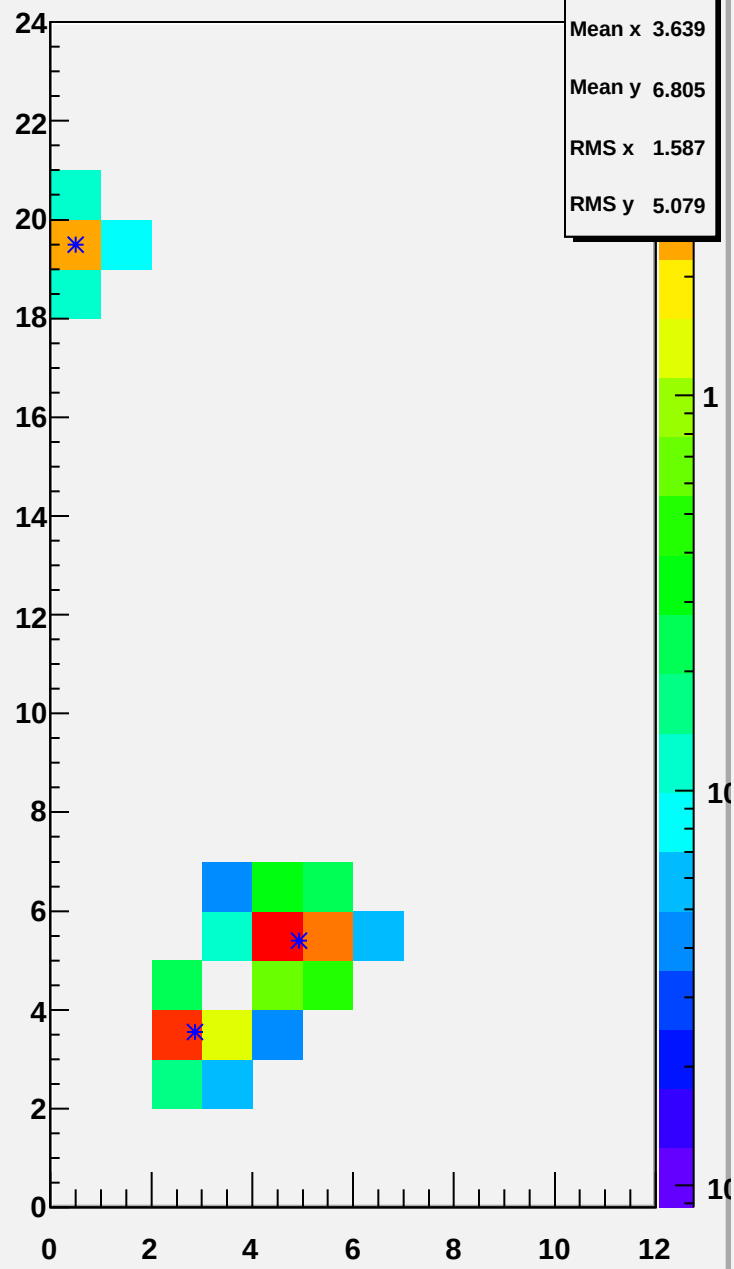
Efit

Entries	288
Mean x	0.7974
Mean y	4.395
RMS x	0.6559
RMS y	0.5895

NSTB3_r4_c3_En=23.0_m0=0.151_m1=0.151_index=179



Fitted Energies



Efit

Entries 288

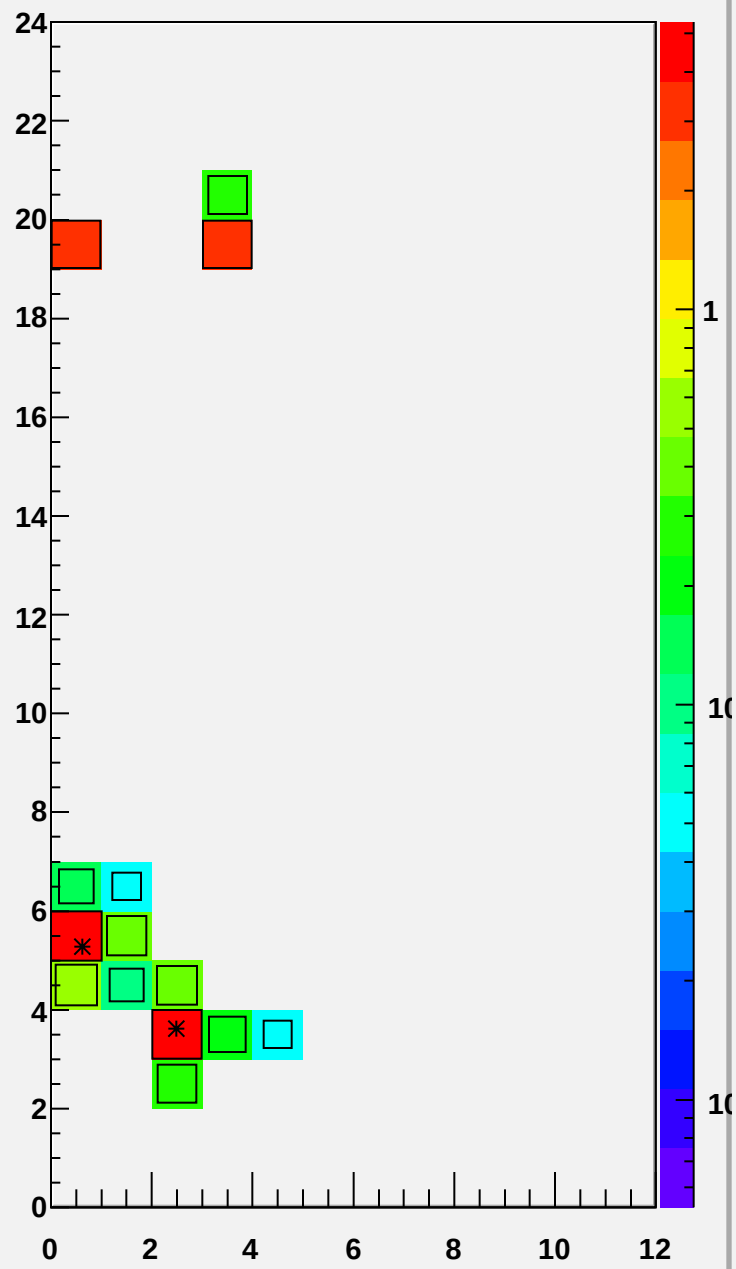
Mean x 3.639

Mean y 6.805

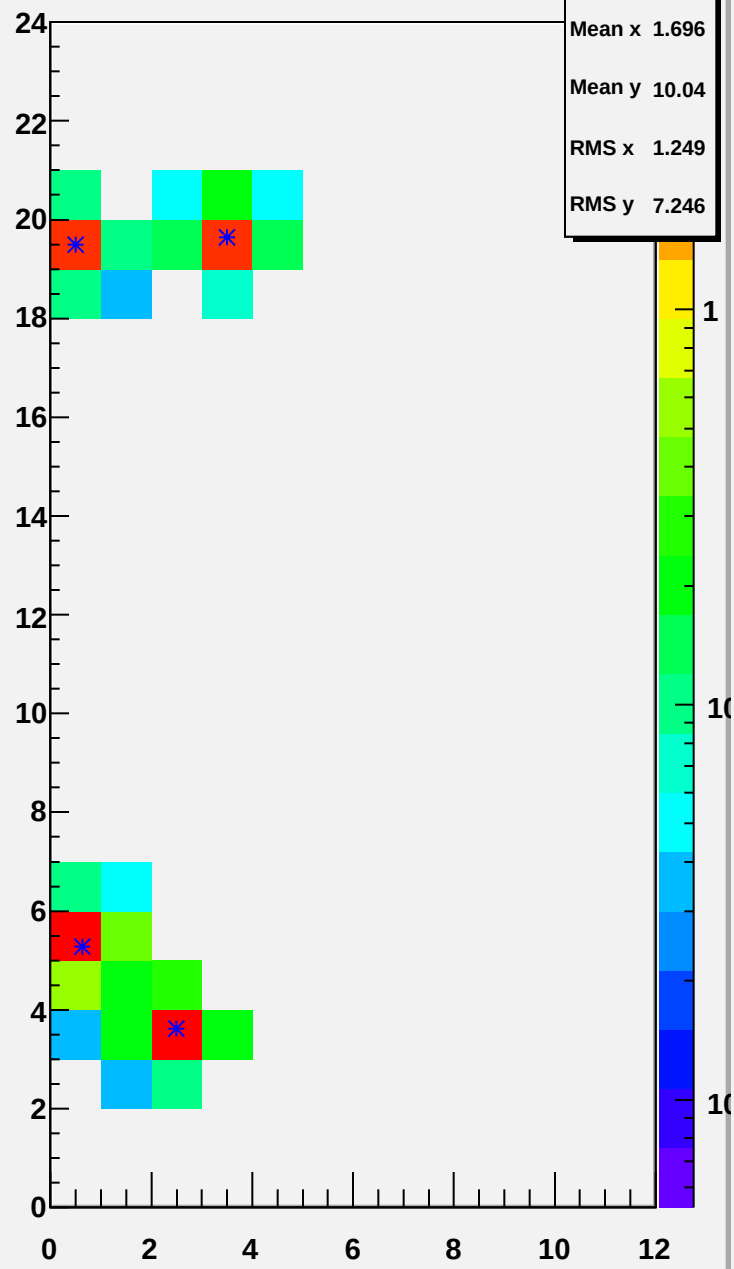
RMS x 1.587

RMS y 5.079

NSTB3_r4_c3_En=18.8_m0=0.085 m1=0.085 index=180



Fitted Energies



Efit

Entries 288

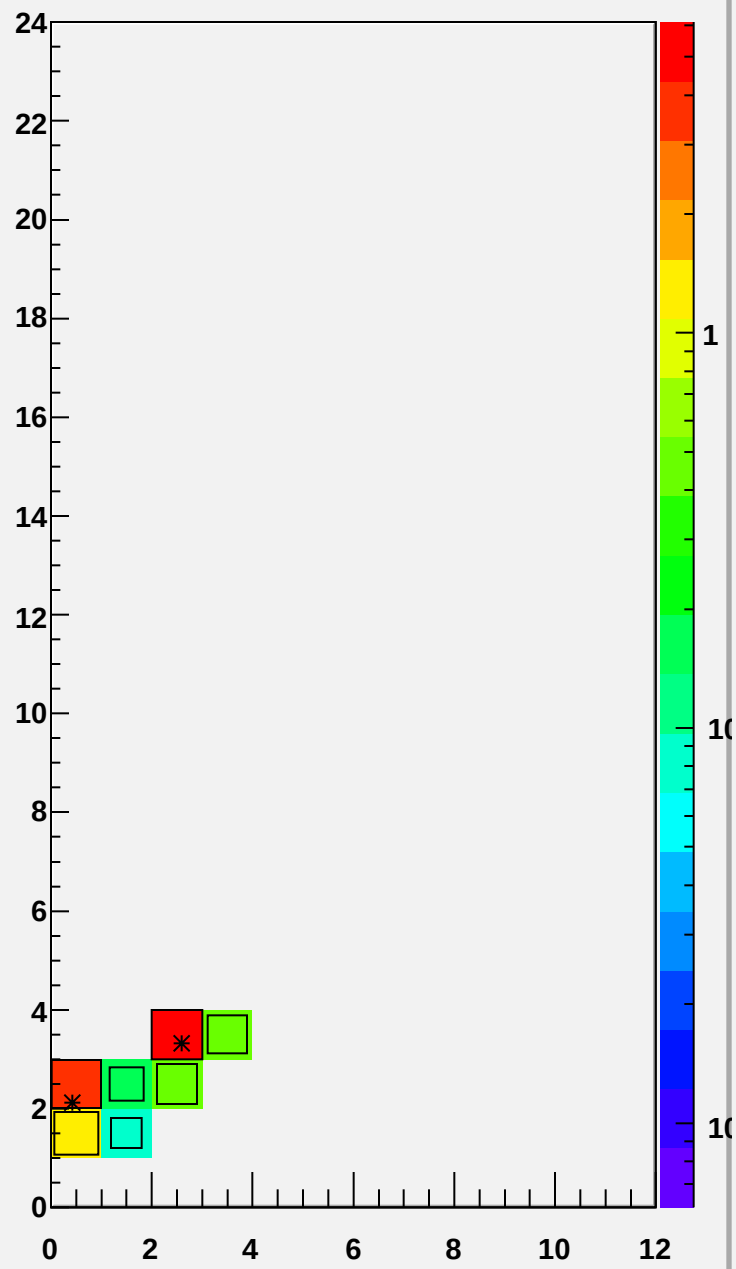
Mean x 1.696

Mean y 10.04

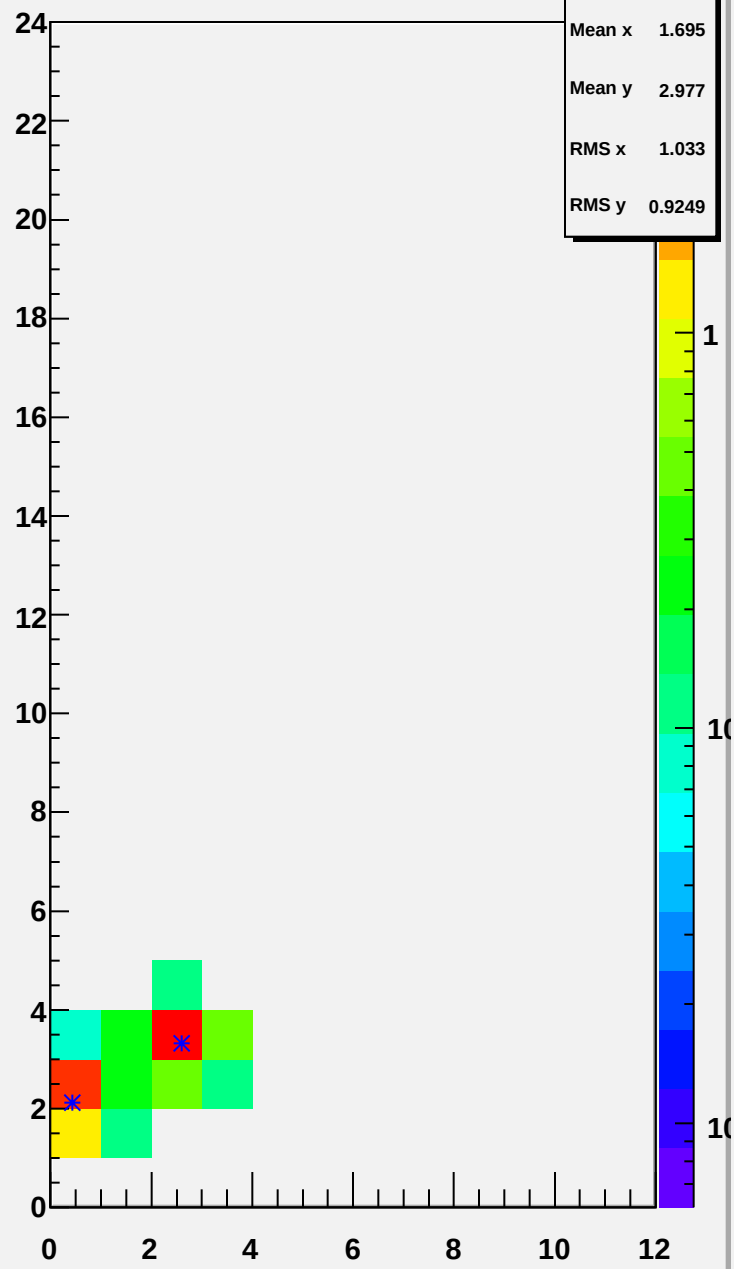
RMS x 1.249

RMS y 7.246

NSTB3_r4_c3_En=12.6_m0=0.093_m1=0.093_index=181



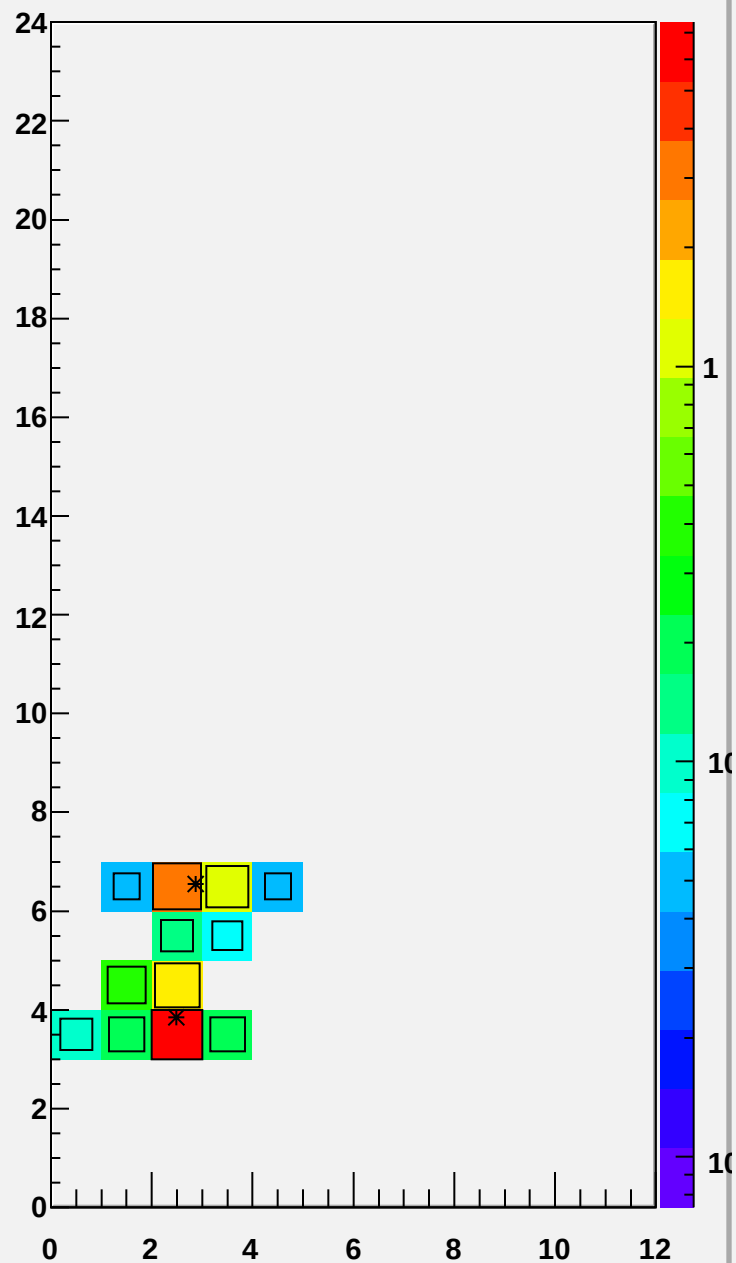
Fitted Energies



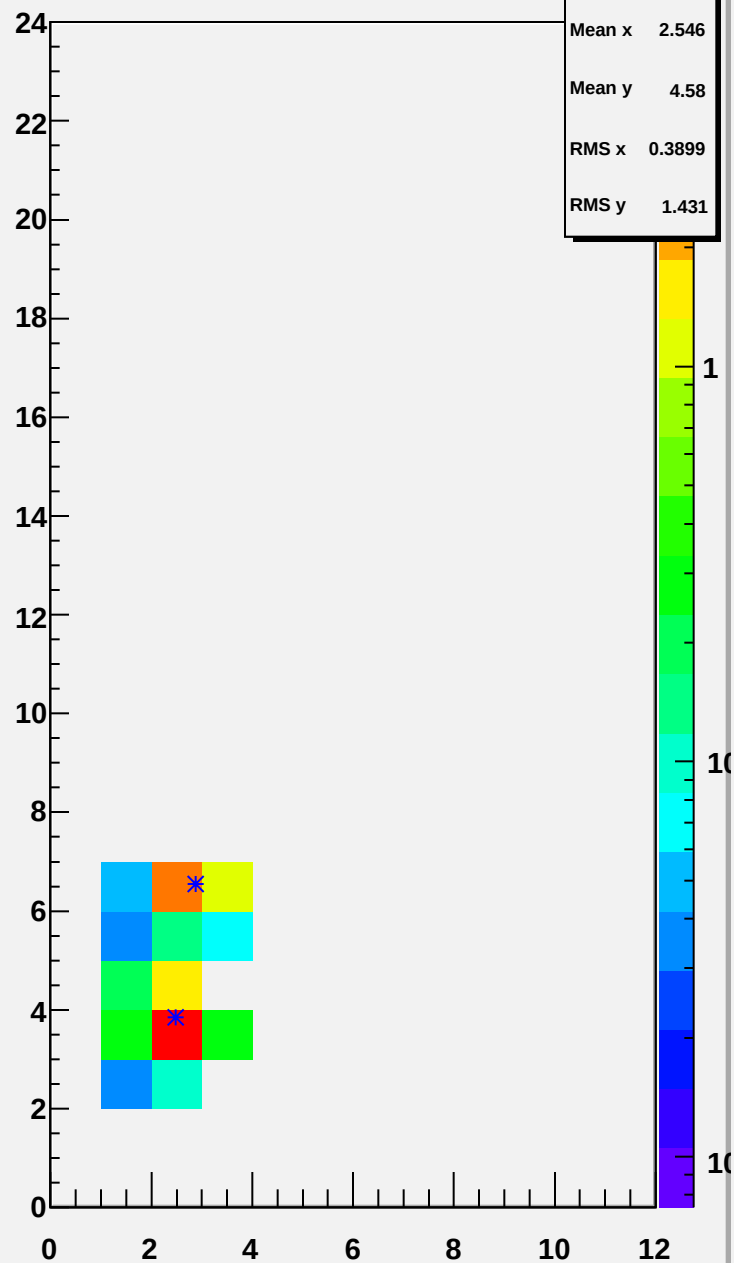
Efit

Entries	288
Mean x	1.695
Mean y	2.977
RMS x	1.033
RMS y	0.9249

NSTB3_r4_c3_En=14.6_m0=0.109_m1=0.109_index=182



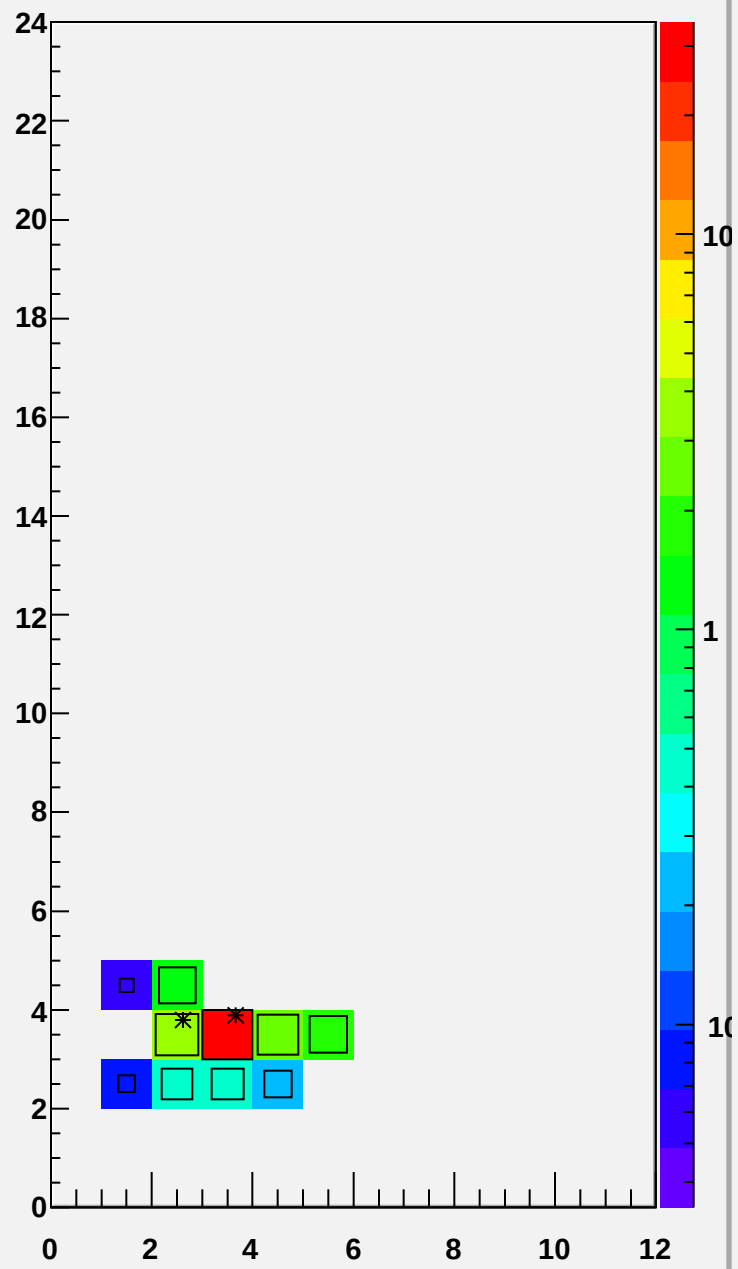
Fitted Energies



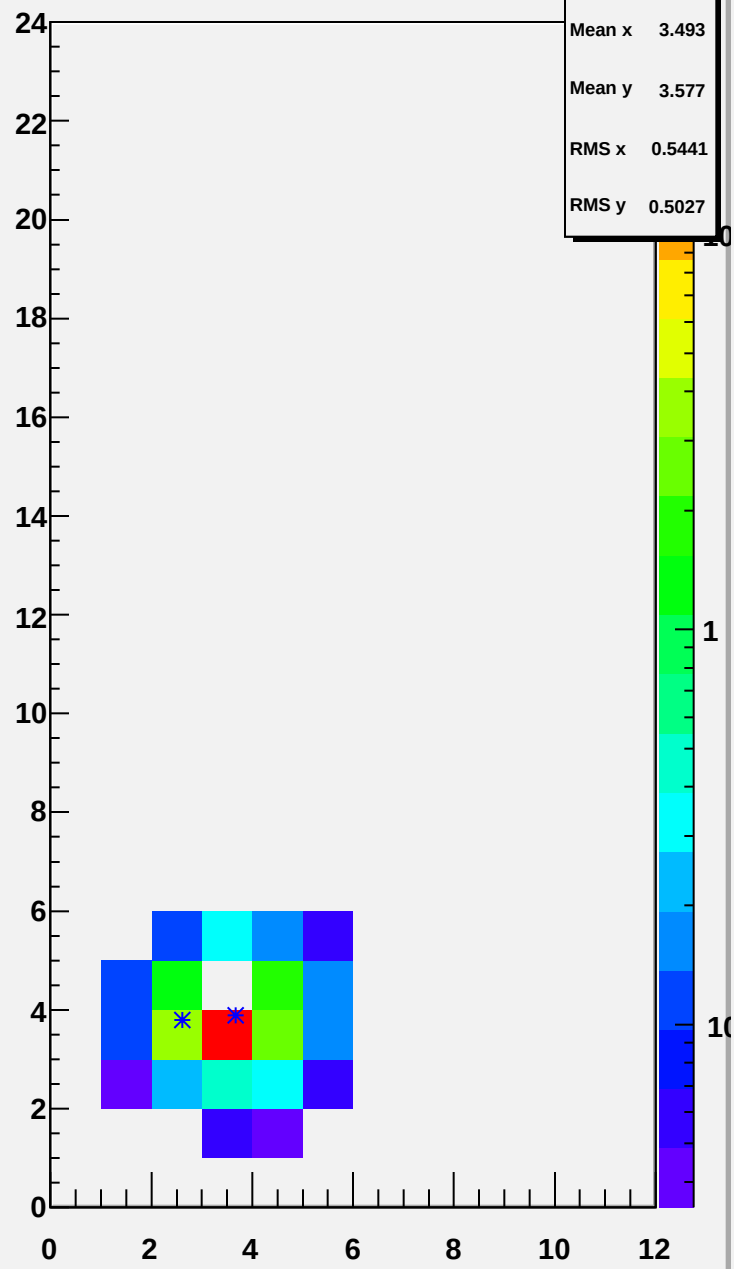
Efit

Entries	288
Mean x	2.546
Mean y	4.58
RMS x	0.3899
RMS y	1.431

NSTB3_r4_c3_En=46.1_m0=0.088 m1=0.088 index=183



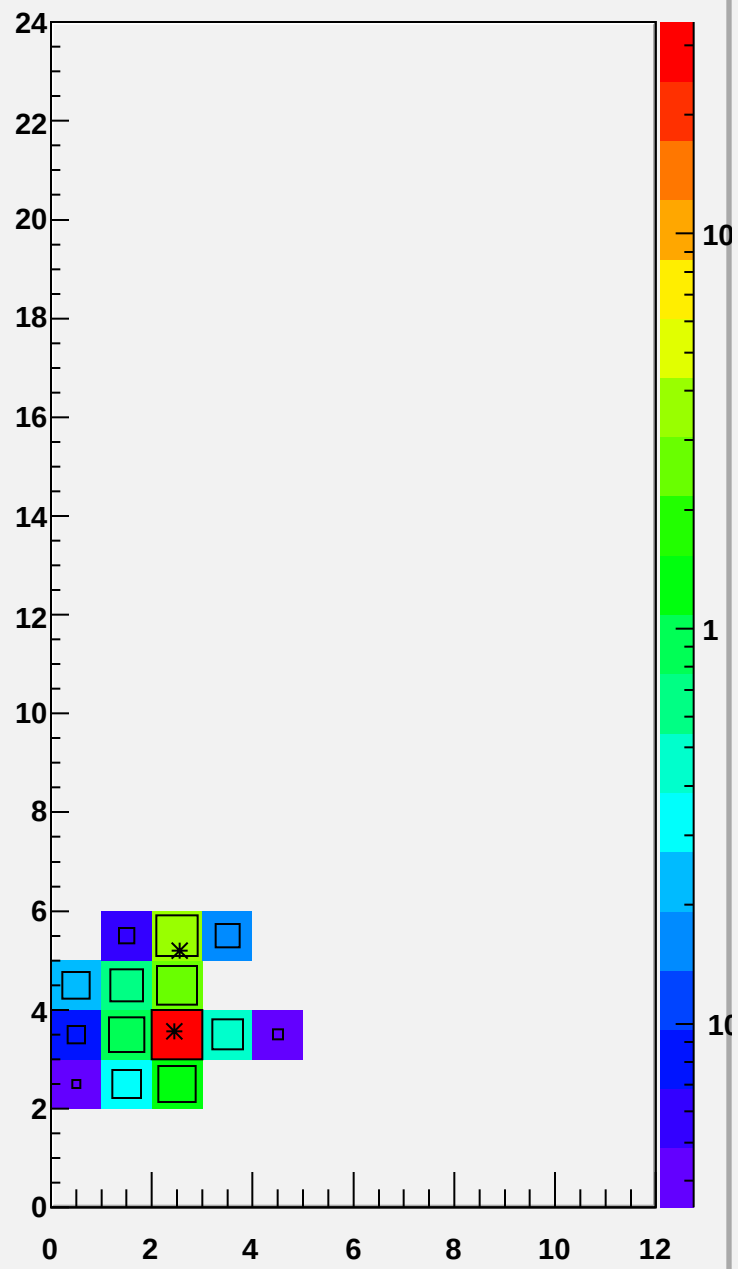
Fitted Energies



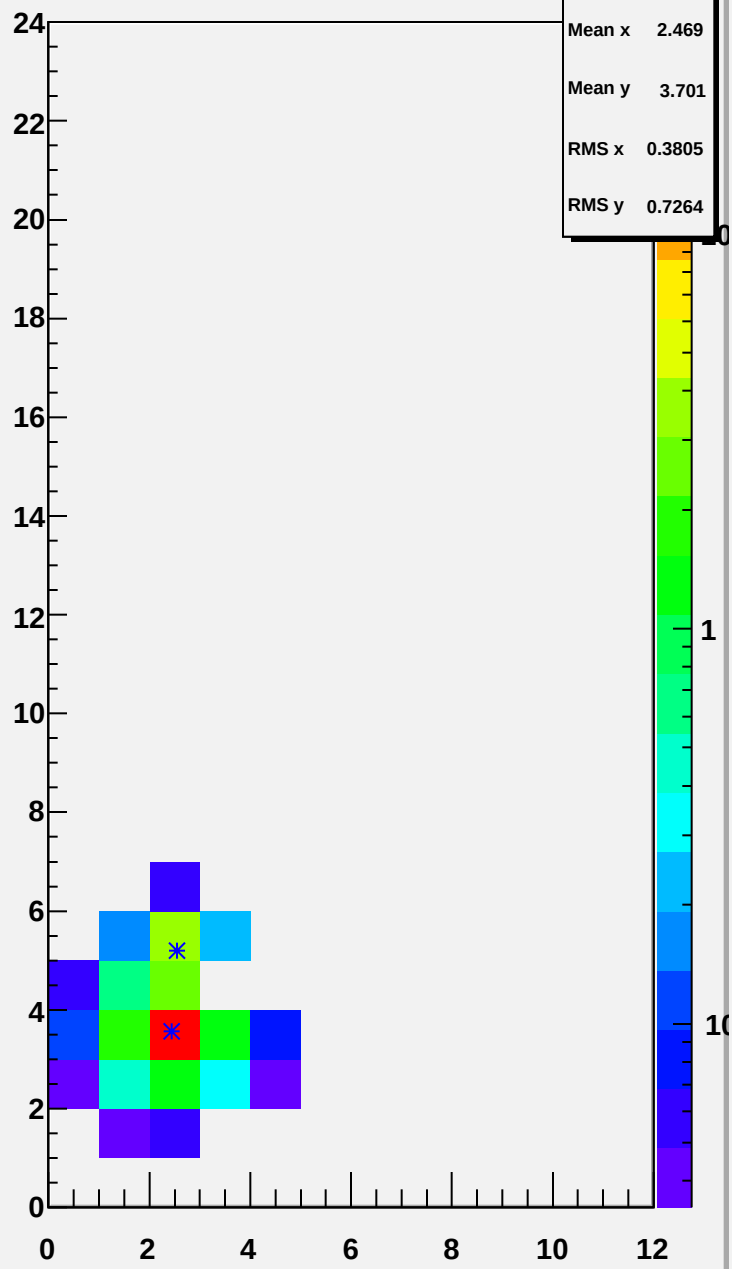
Efit

Entries	288
Mean x	3.493
Mean y	3.577
RMS x	0.5441
RMS y	0.5027

NSTB3_r4_c3_En=44.8_m0=0.124_m1=0.124_index=185



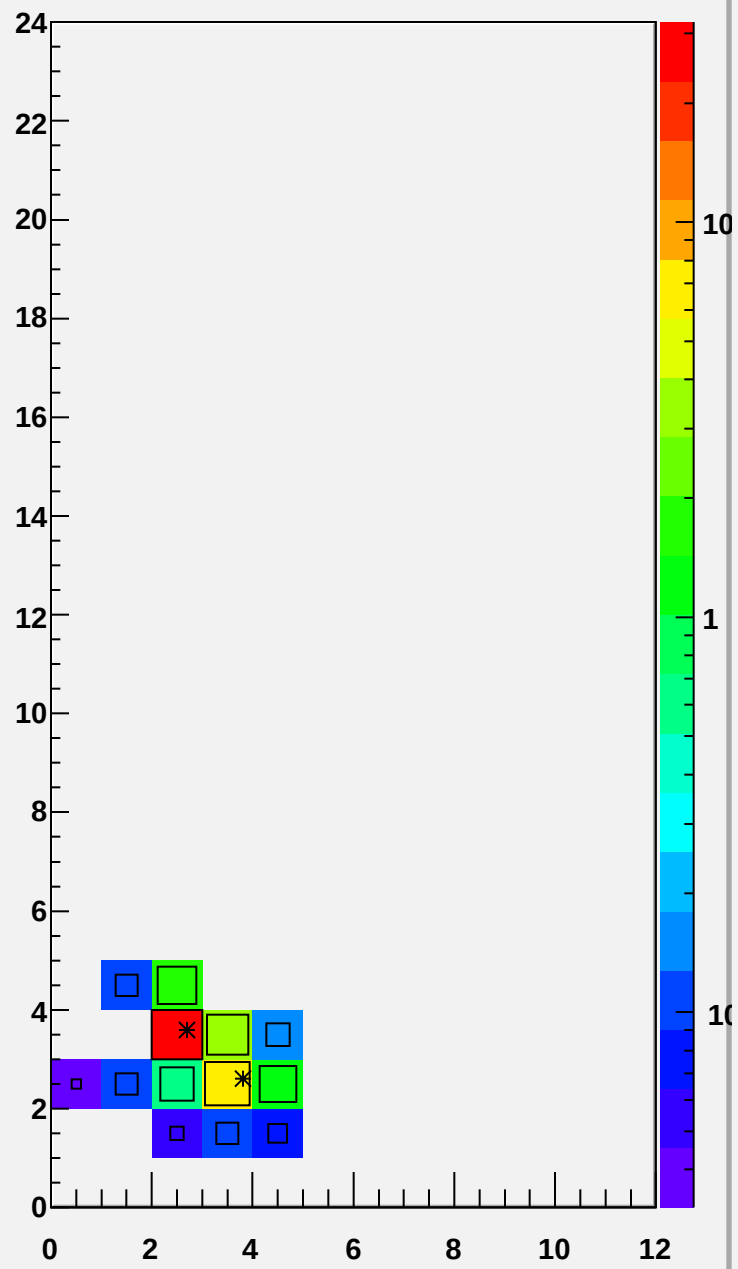
Fitted Energies



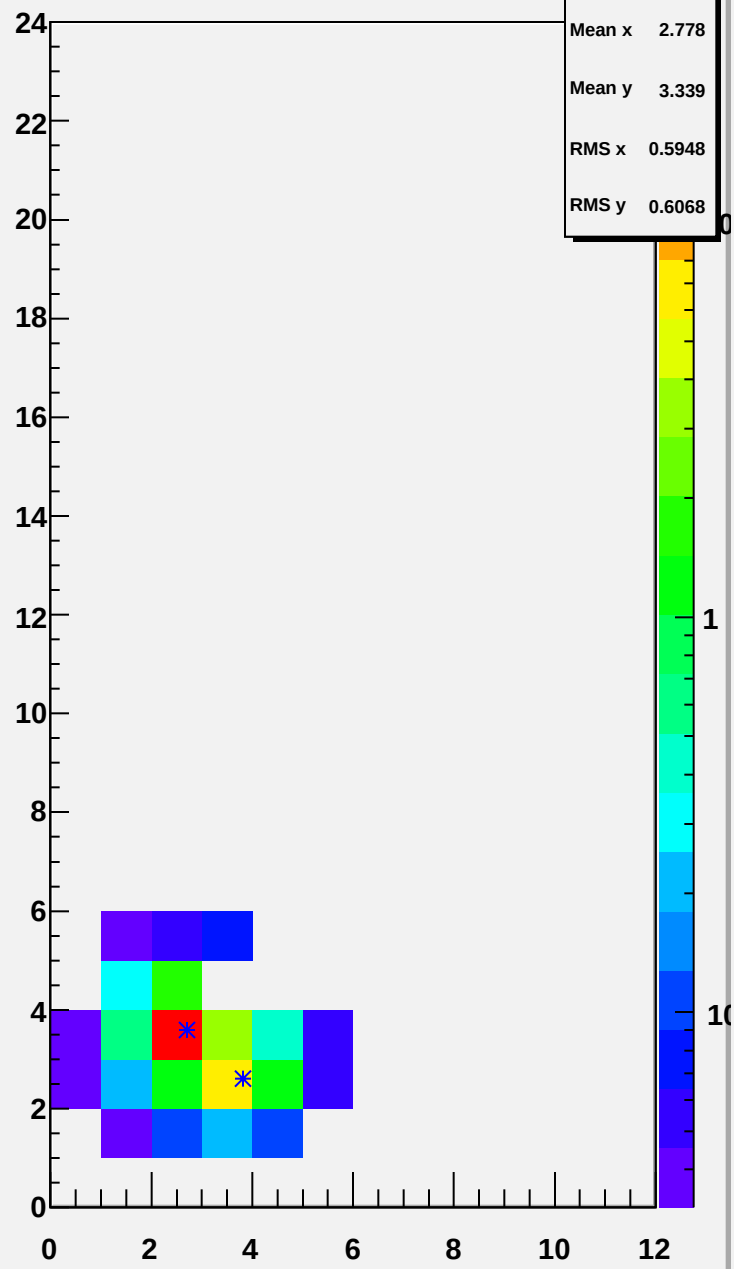
Efit

Entries	288
Mean x	2.469
Mean y	3.701
RMS x	0.3805
RMS y	0.7264

NSTB3_r4_c3_En=46.4_m0=0.157 m1=0.157 index=186



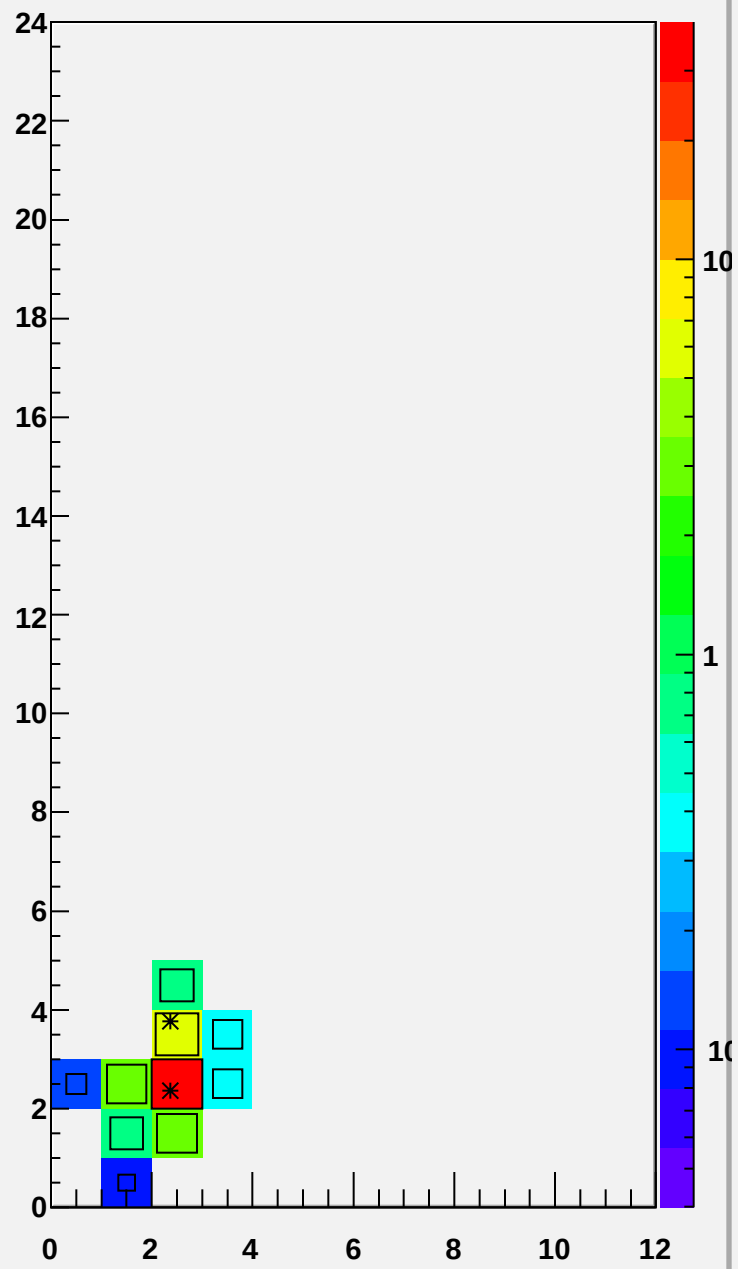
Fitted Energies



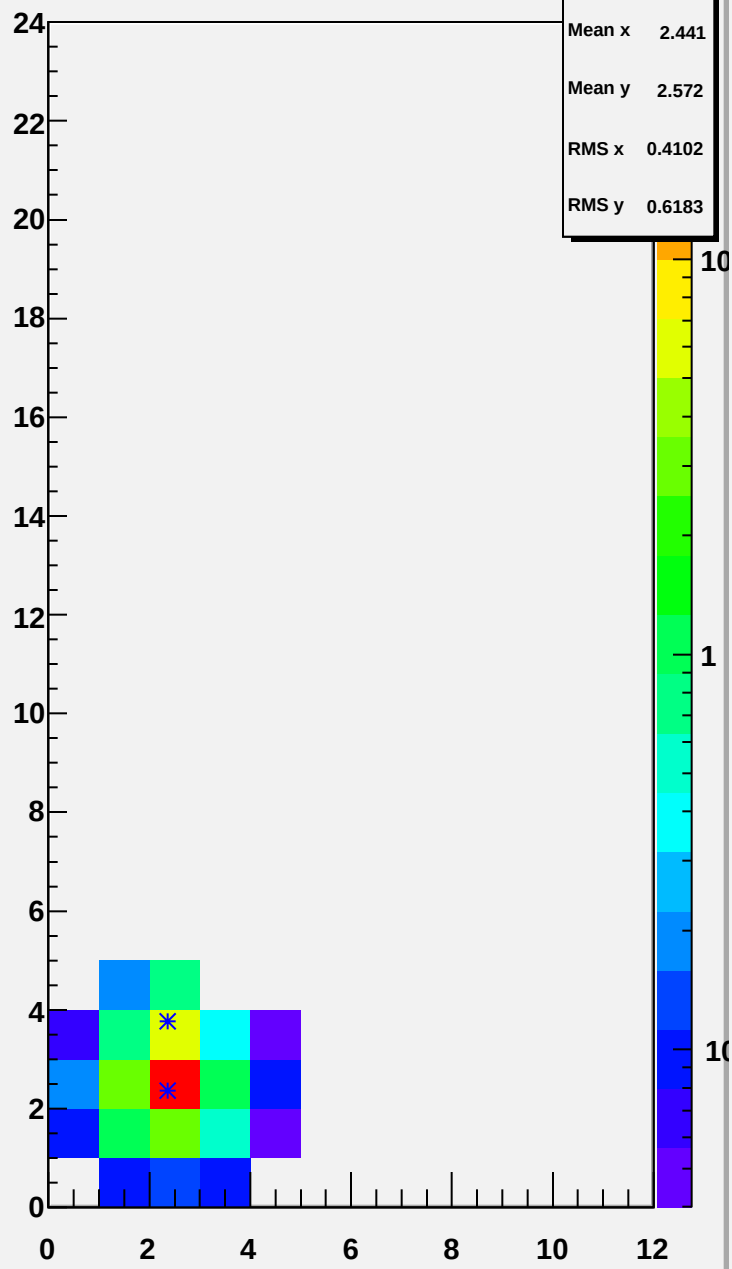
Efit

Entries	288
Mean x	2.778
Mean y	3.339
RMS x	0.5948
RMS y	0.6068

NSTB3_r4_c3_En=53.5_m0=0.133 m1=0.133 index=187



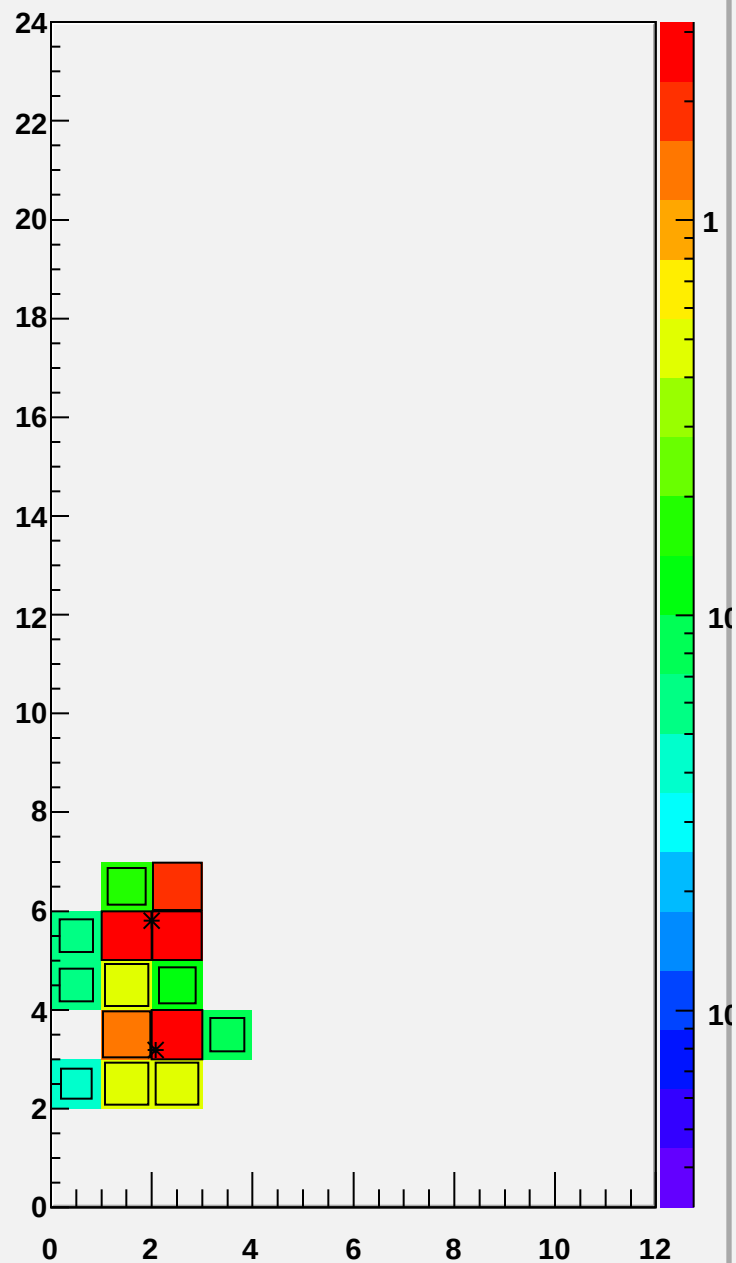
Fitted Energies



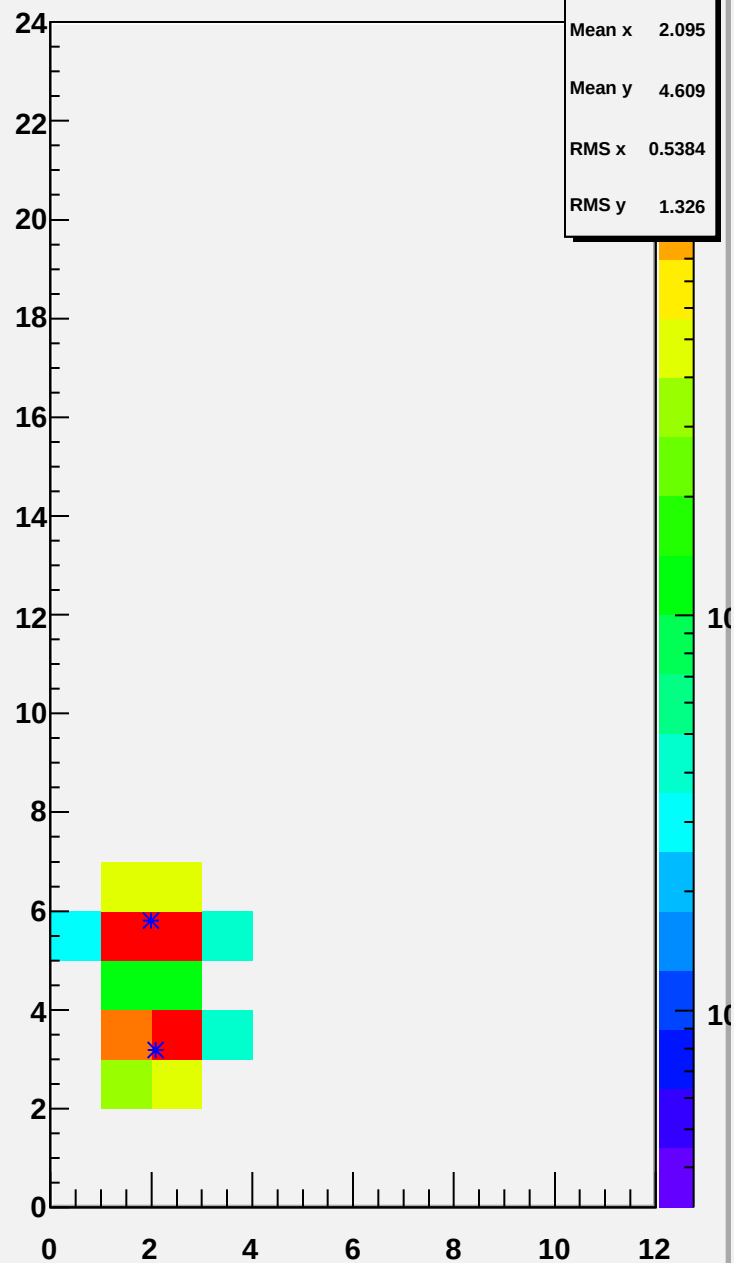
Efit

Entries	288
Mean x	2.441
Mean y	2.572
RMS x	0.4102
RMS y	0.6183

NSTB3_r4_c3_En=13.3_m0=0.086 m1=0.086 index=188



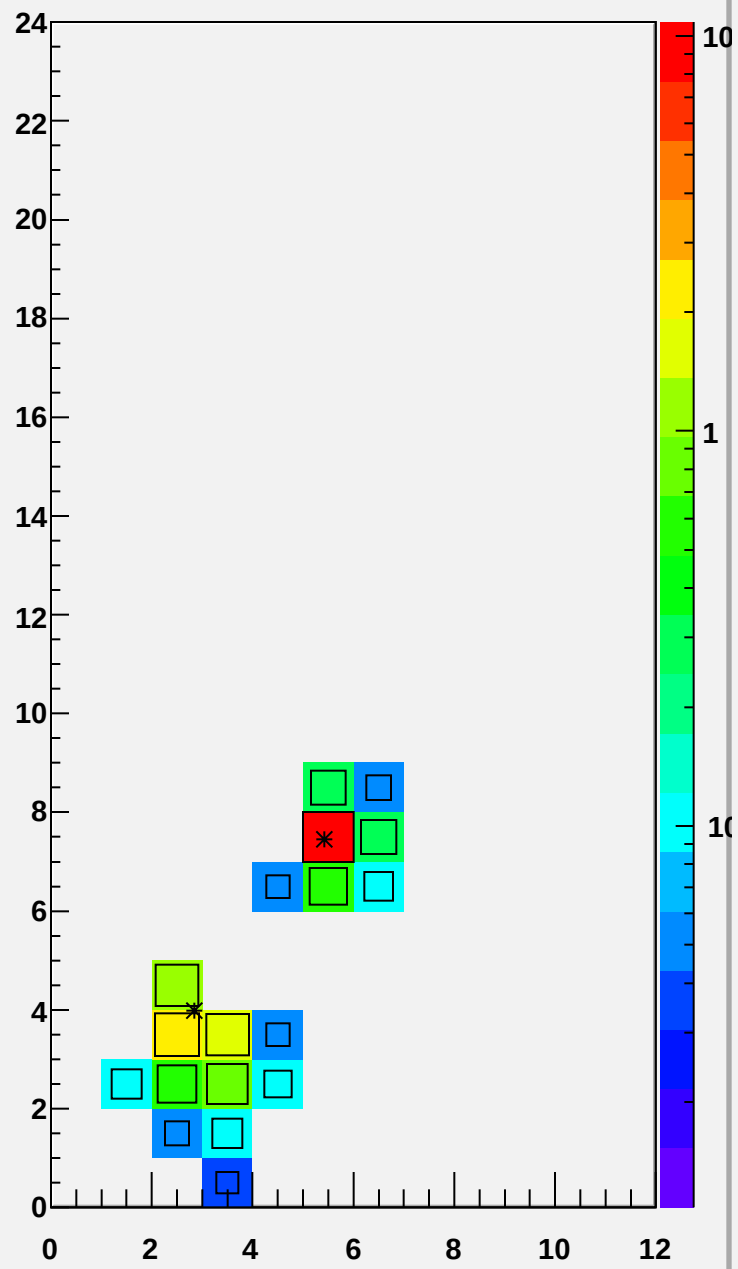
Fitted Energies



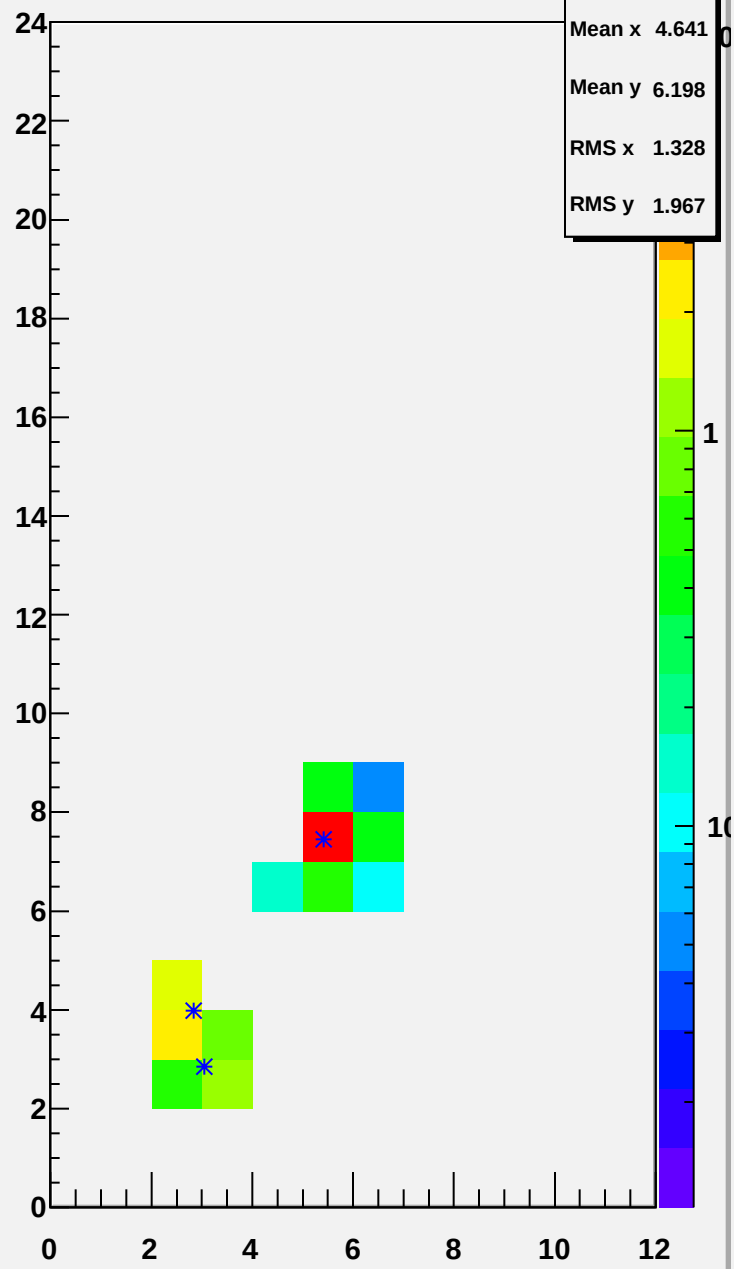
Efit

Entries	288
Mean x	2.095
Mean y	4.609
RMS x	0.5384
RMS y	1.326

NSTB3_r4_c3_En=19.0_m0=0.187 m1=0.187 index=189



Fitted Energies



Efit

Entries 288

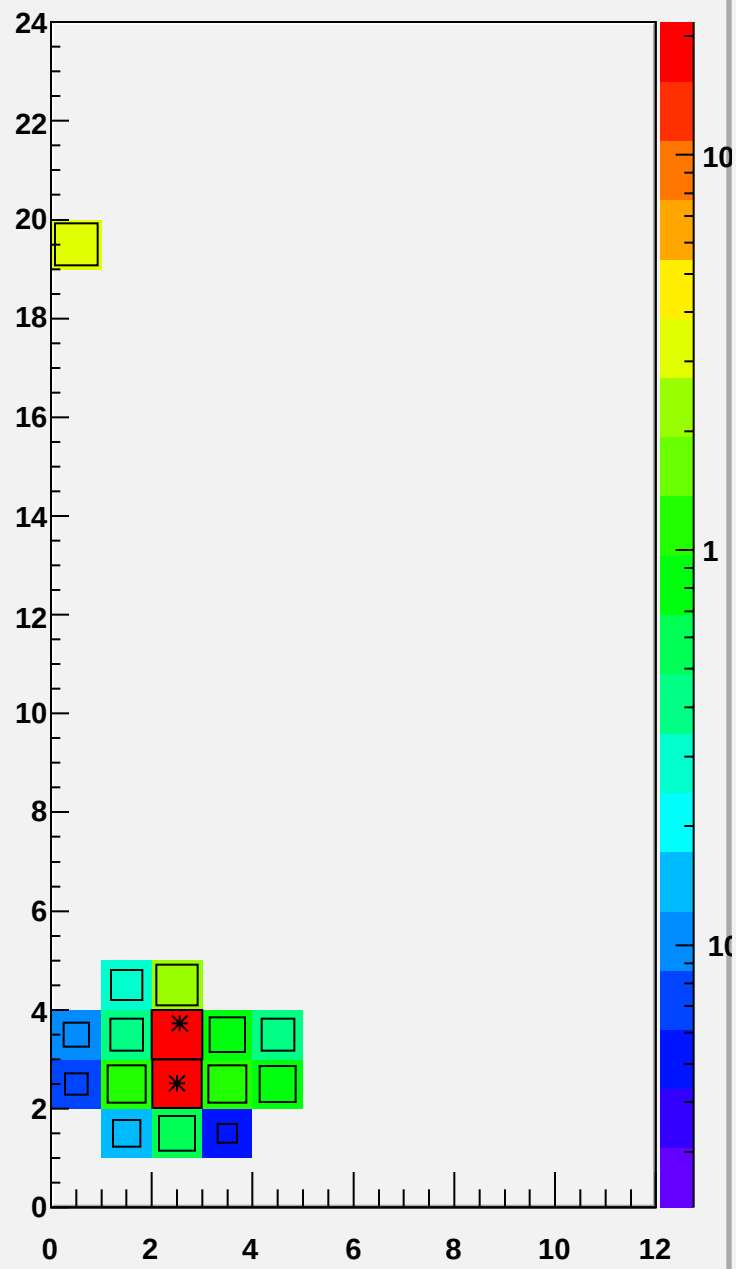
Mean x 4.641

Mean y 6.198

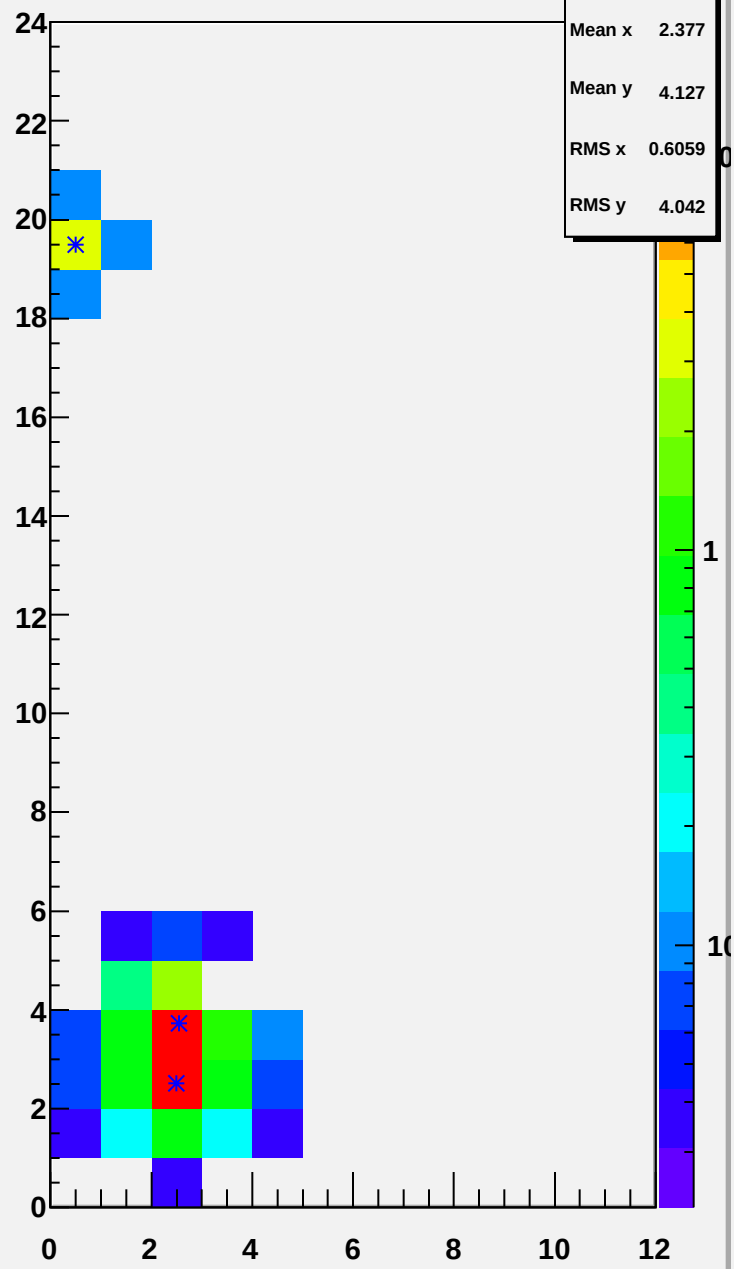
RMS x 1.328

RMS y 1.967

NSTB3_r4_c3_En=51.3_m0=0.158 m1=0.158 index=190



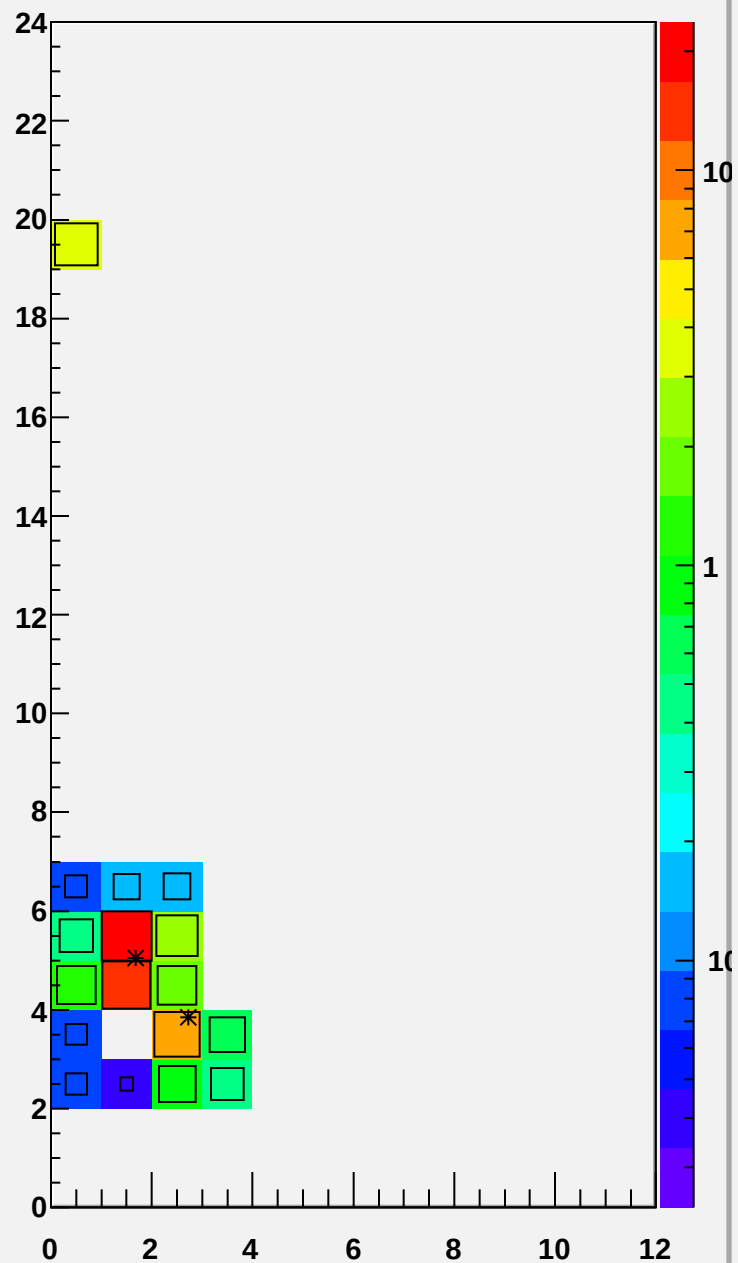
Fitted Energies



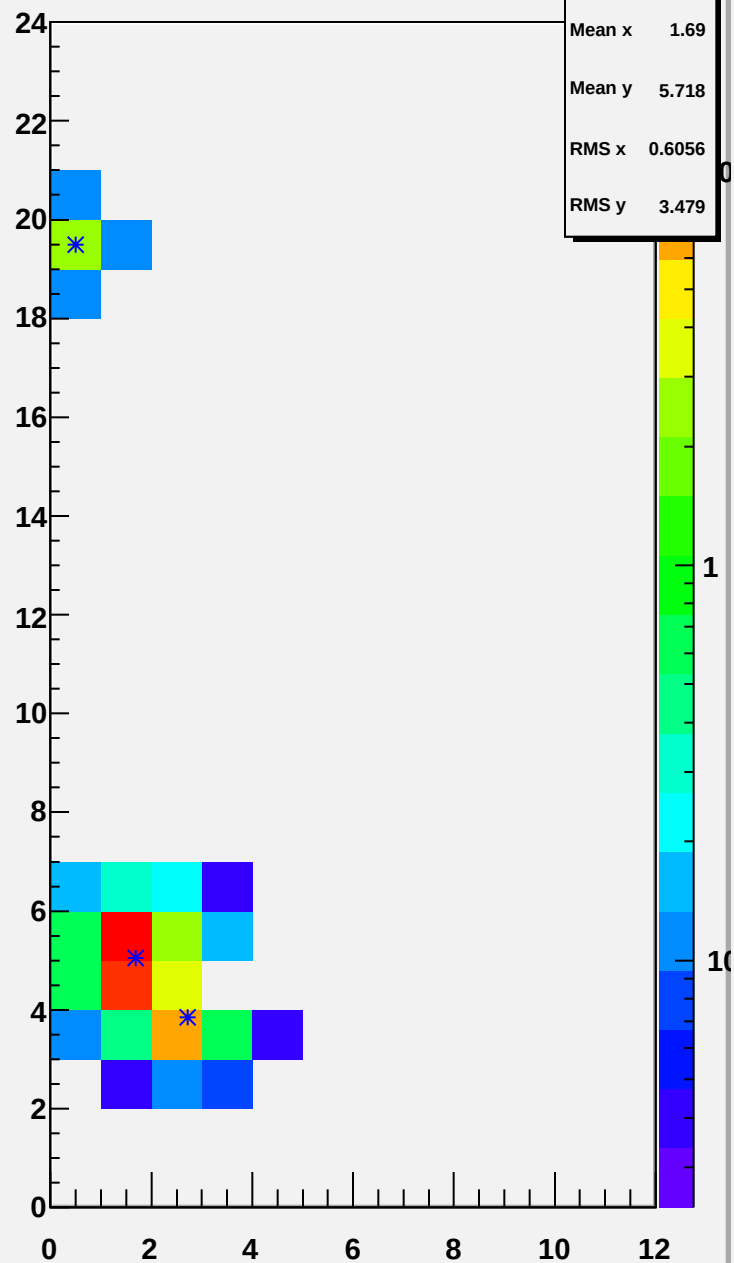
Efit

Entries	288
Mean x	2.377
Mean y	4.127
RMS x	0.6059
RMS y	4.042

NSTB3_r4_c3_En=54.3_m0=0.180 m1=0.180 index=191



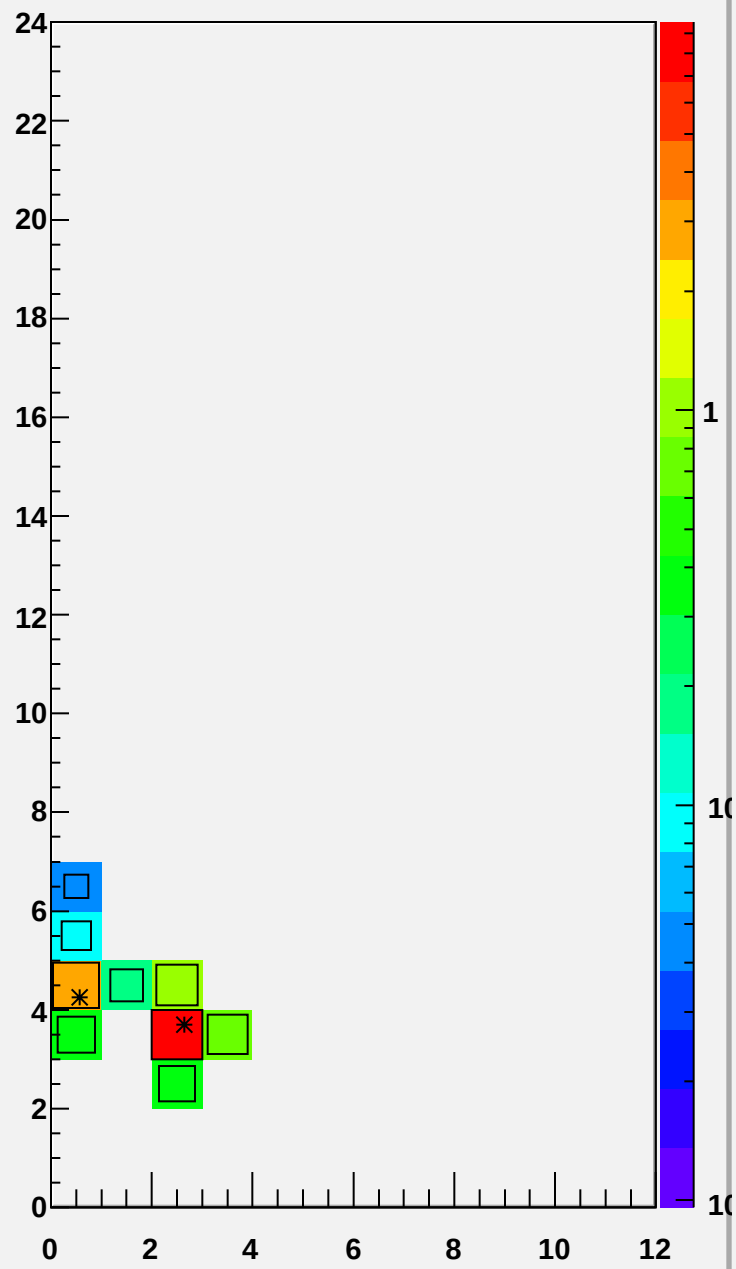
Fitted Energies



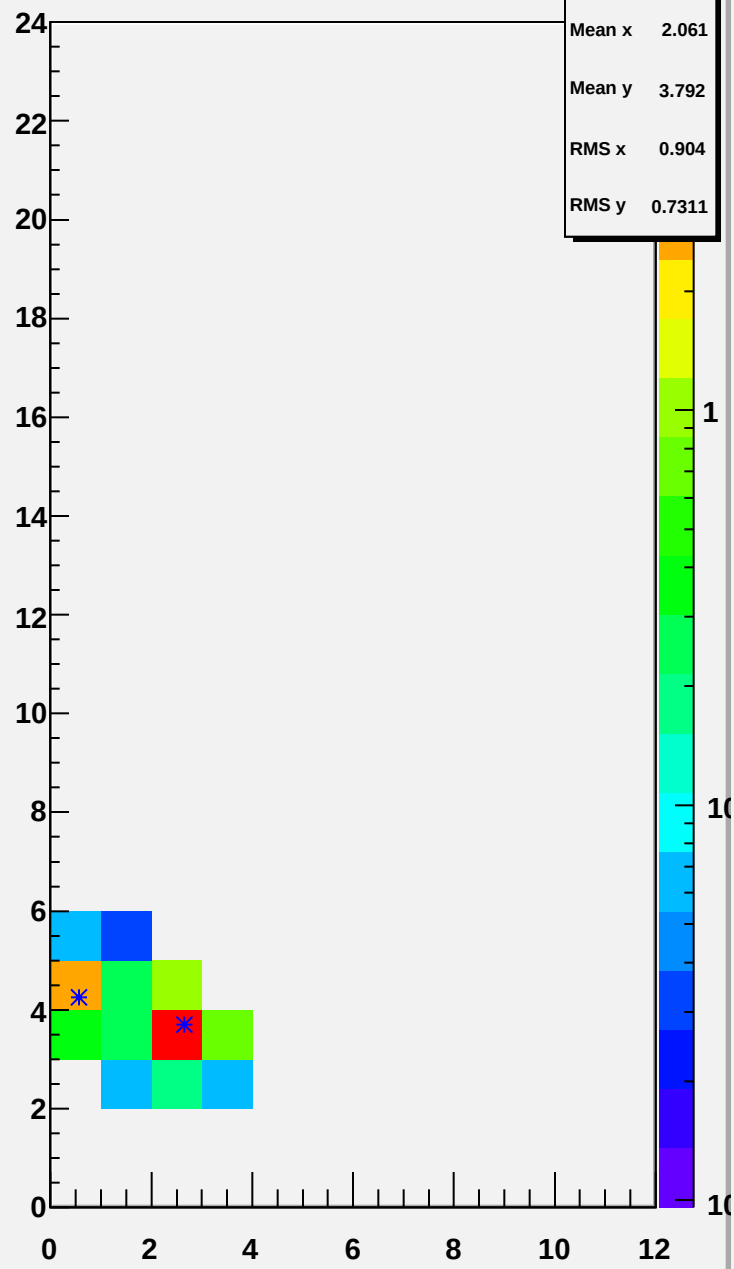
Efit

Entries	288
Mean x	1.69
Mean y	5.718
RMS x	0.6056
RMS y	3.479

NSTB3_r4_c3_En=15.5_m0=0.083 m1=0.083 index=192



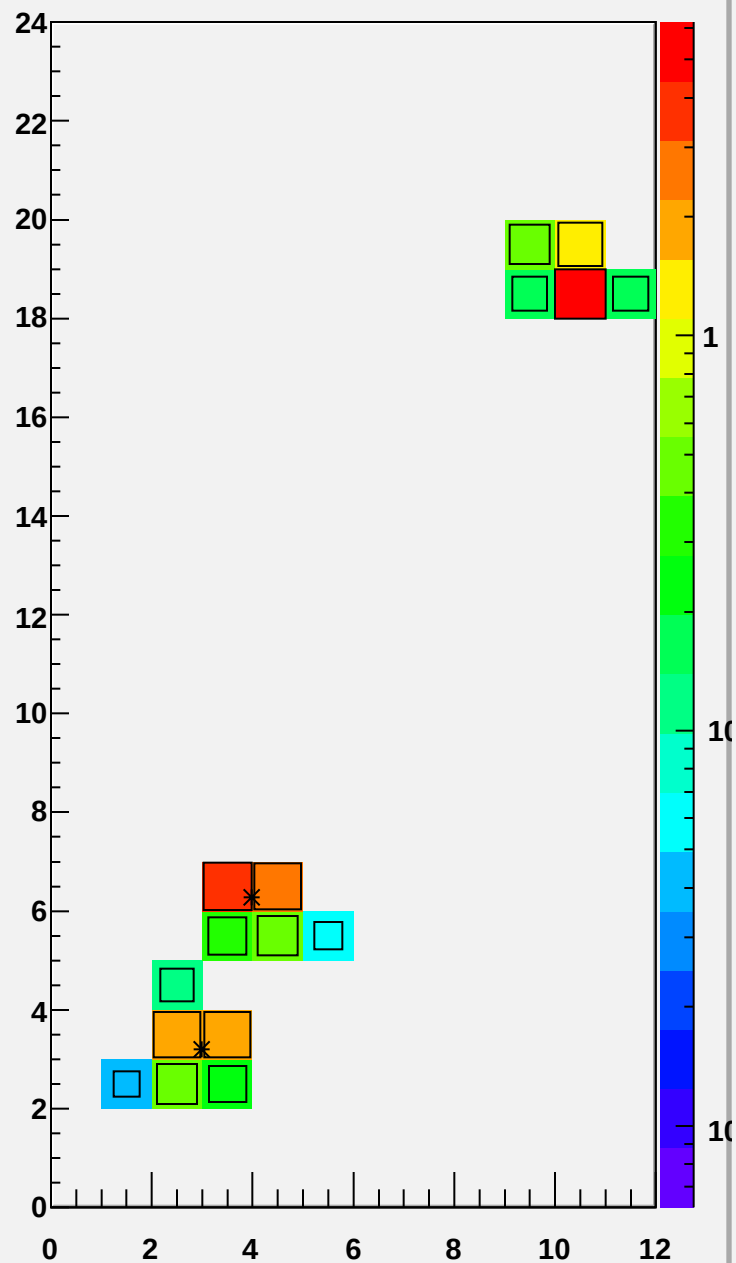
Fitted Energies



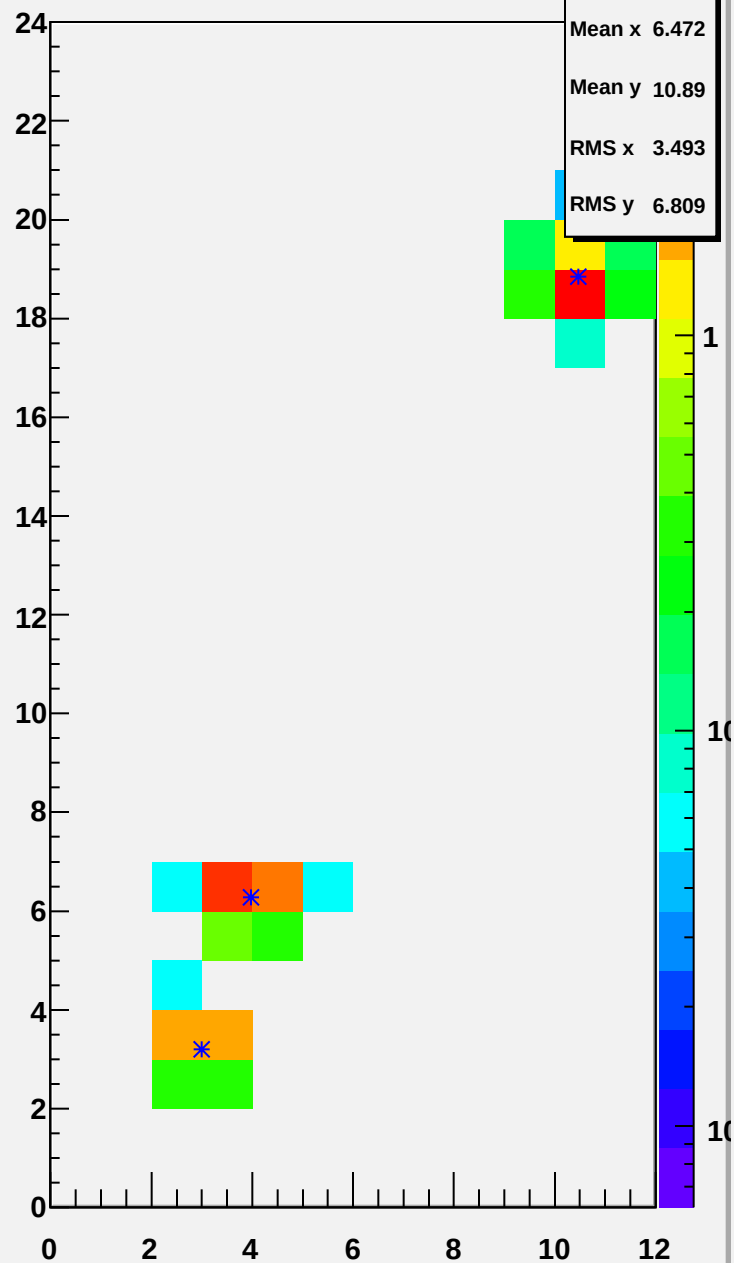
Efit

Entries	288
Mean x	2.061
Mean y	3.792
RMS x	0.904
RMS y	0.7311

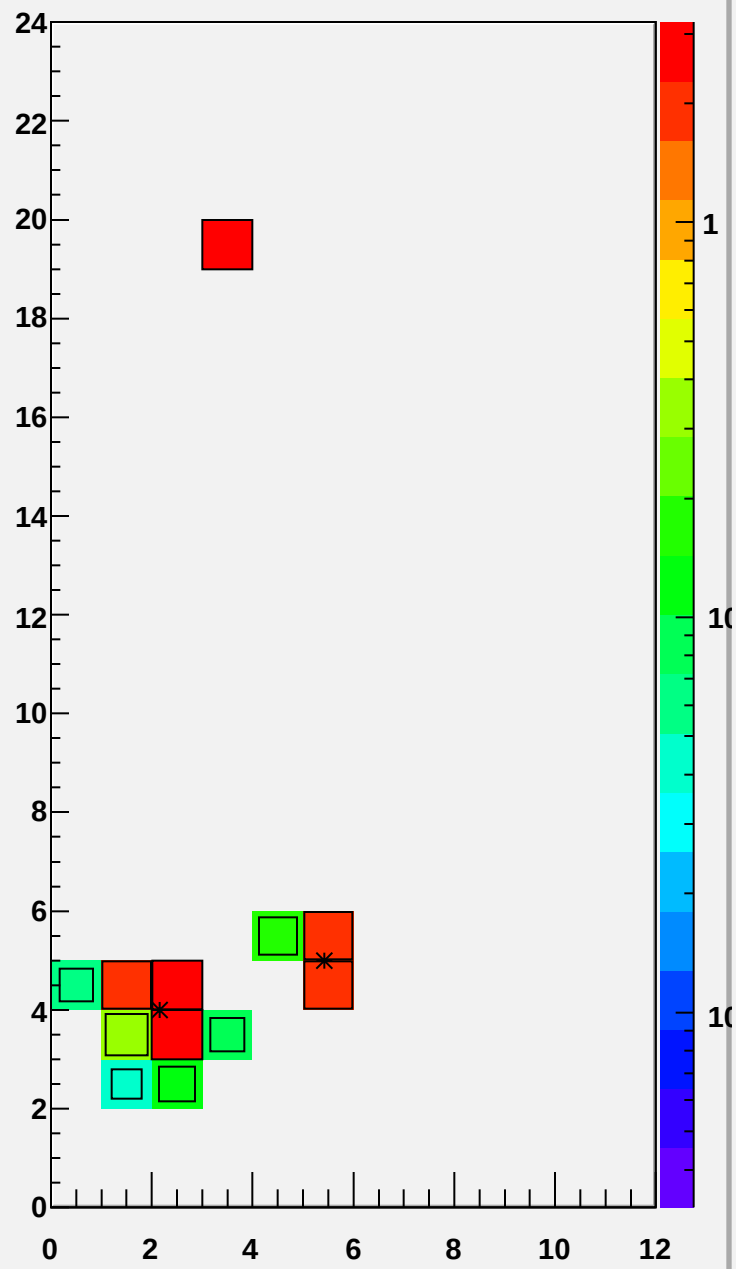
NSTB3_r4_c3_En=20.1_m0=0.106_m1=0.106_index=193



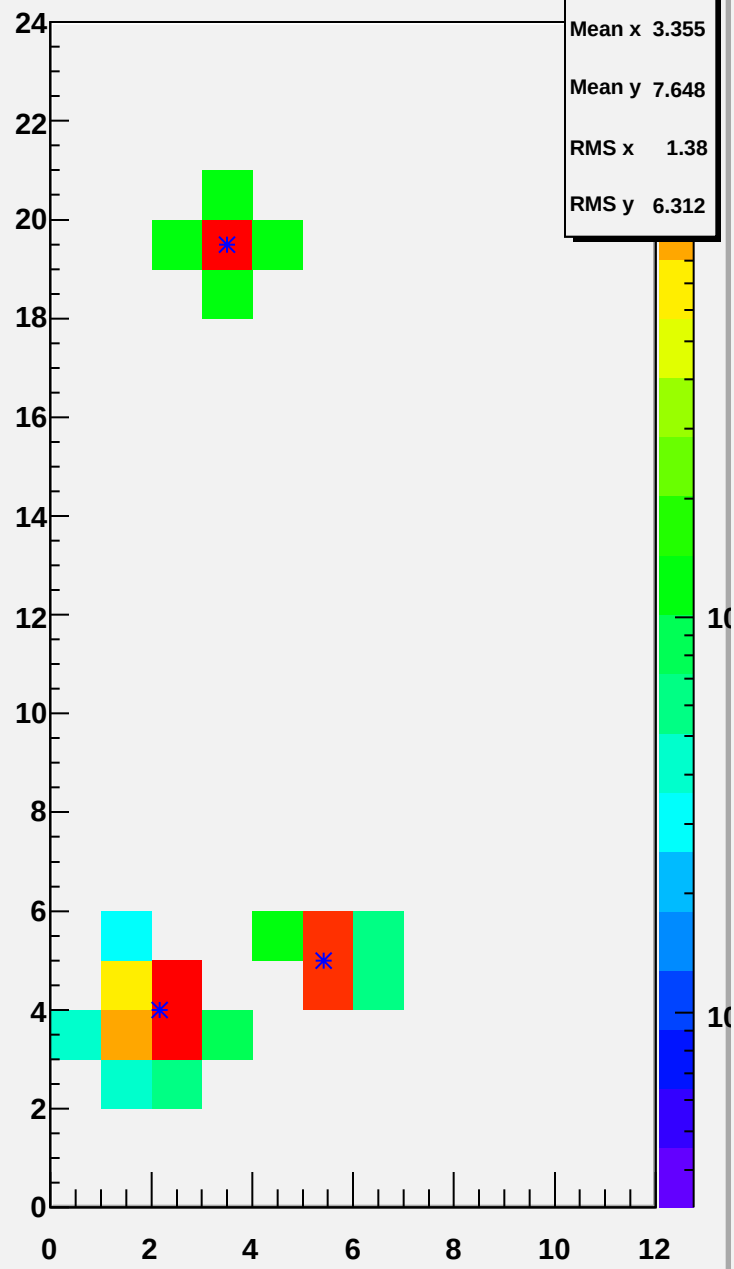
Fitted Energies



NSTB3_r4_c3_En=15.7_m0=0.111 m1=0.111 index=194



Fitted Energies



Efit

Entries 288

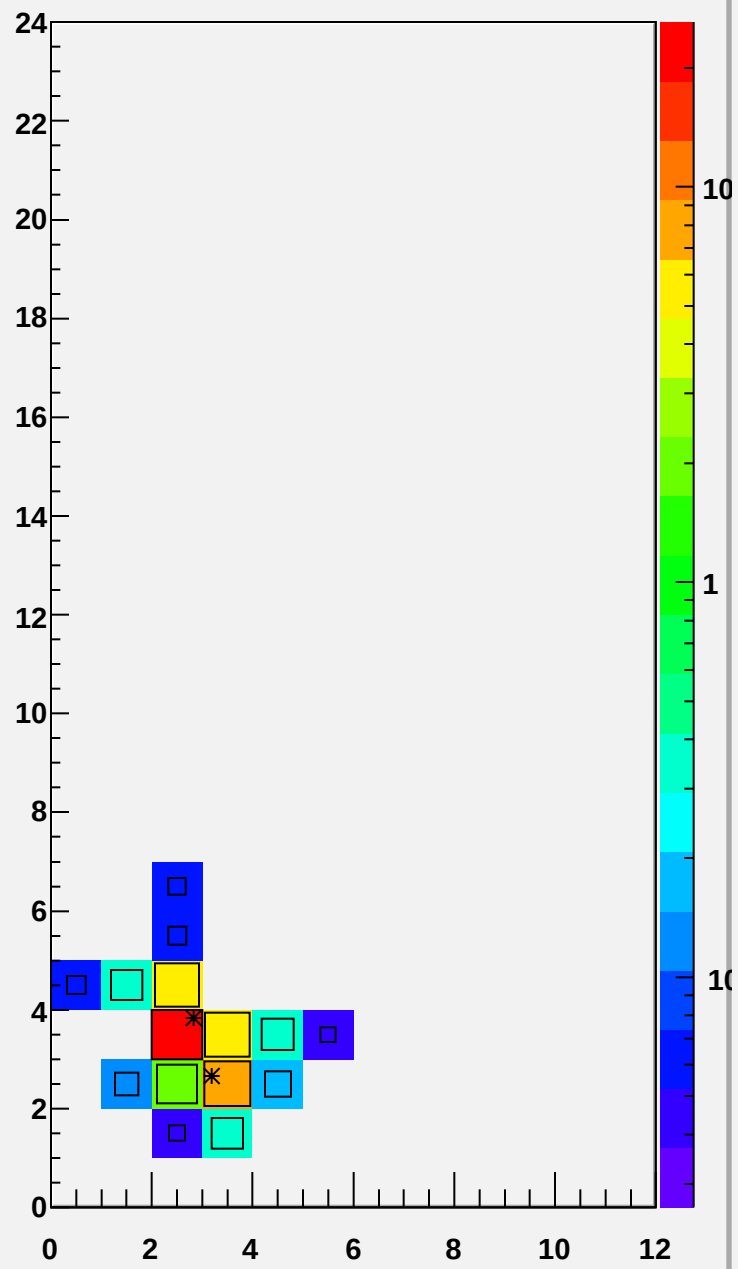
Mean x 3.355

Mean y 7.648

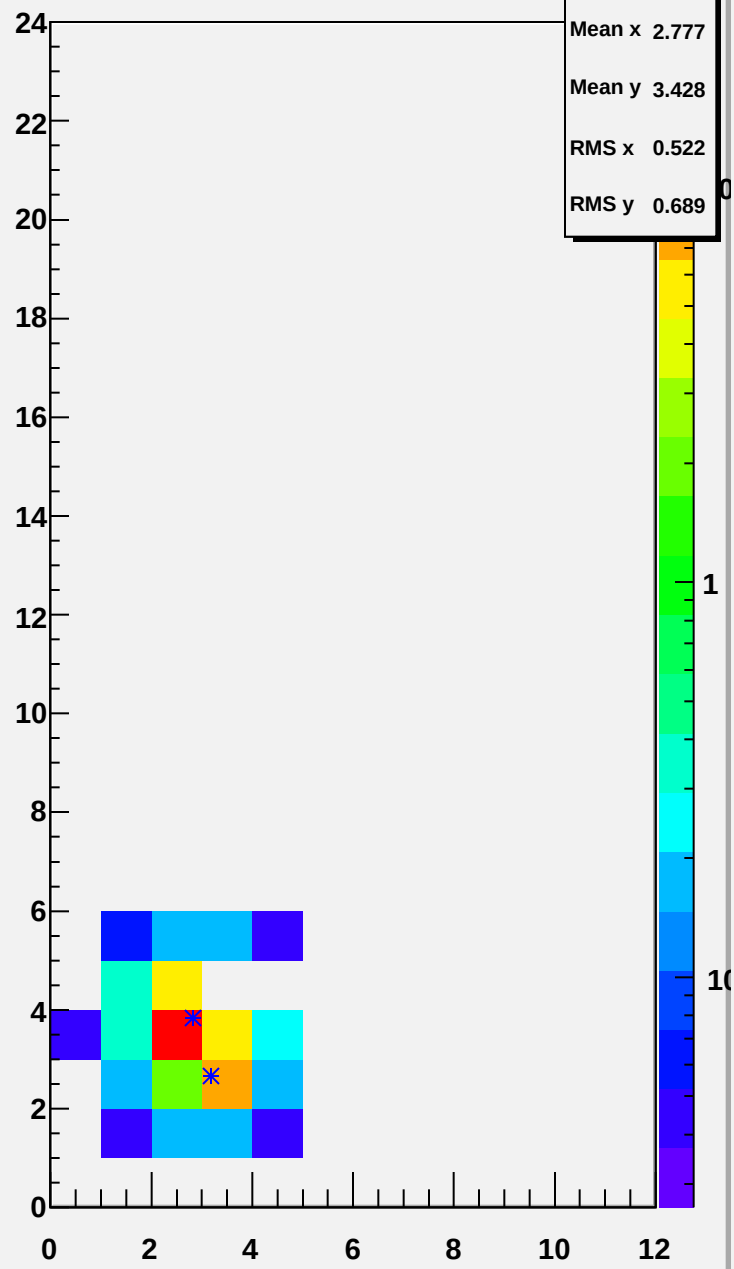
RMS x 1.38

RMS y 6.312

NSTB3_r4_c3_En=48.0_m0=0.136_m1=0.136_index=195



Fitted Energies



Efit

Entries 288

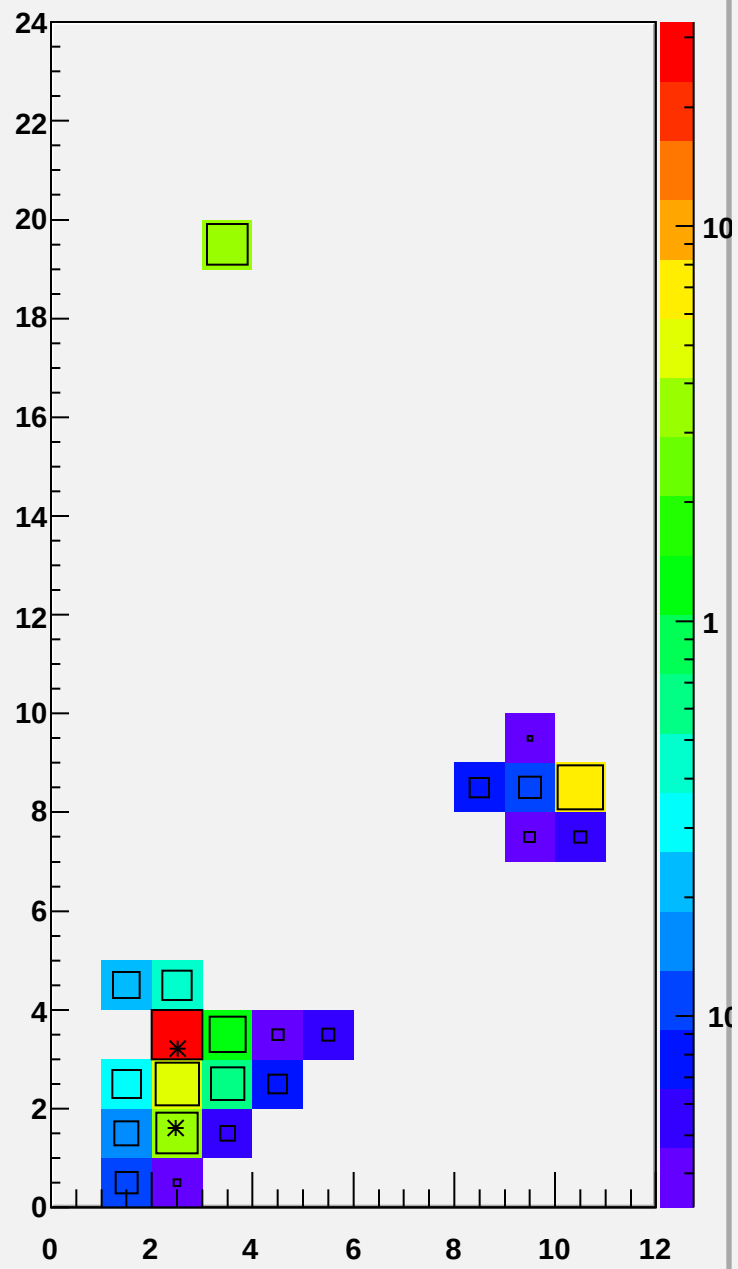
Mean x 2.777

Mean y 3.428

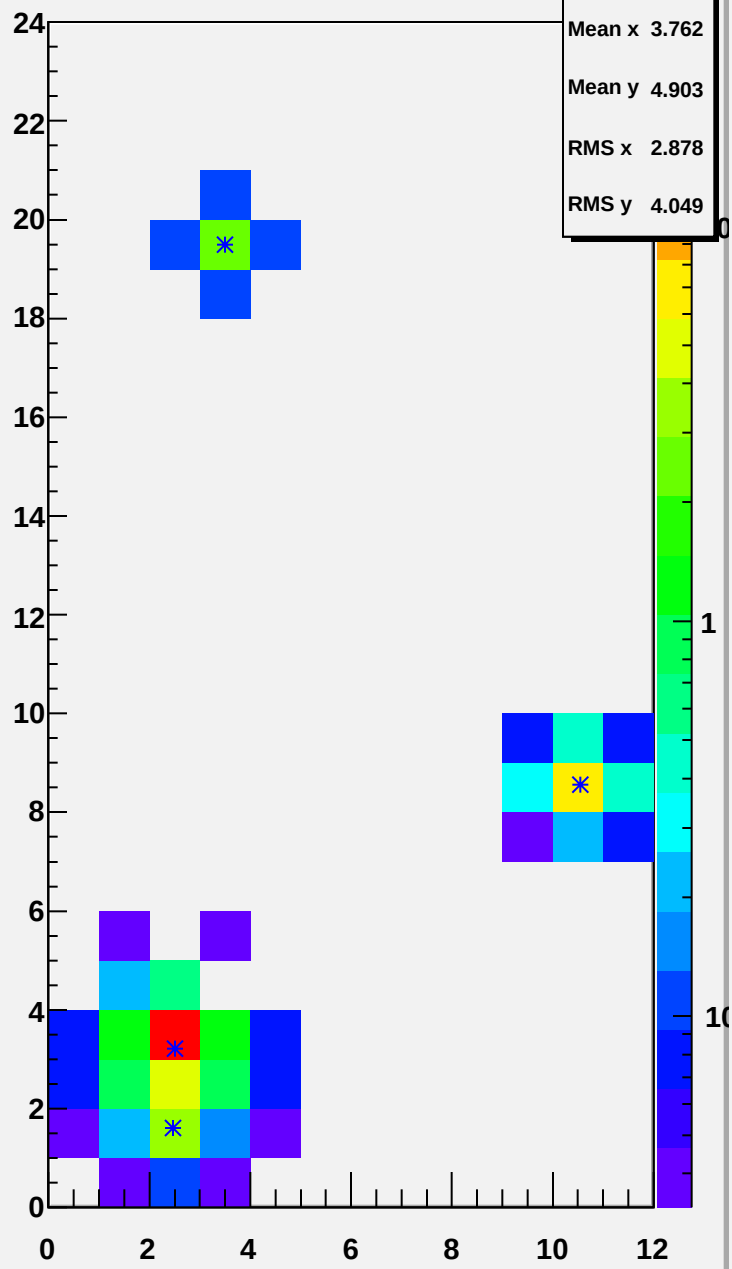
RMS x 0.522

RMS y 0.689

NSTB3_r4_c3_En=56.5_m0=0.116_m1=0.116_index=196



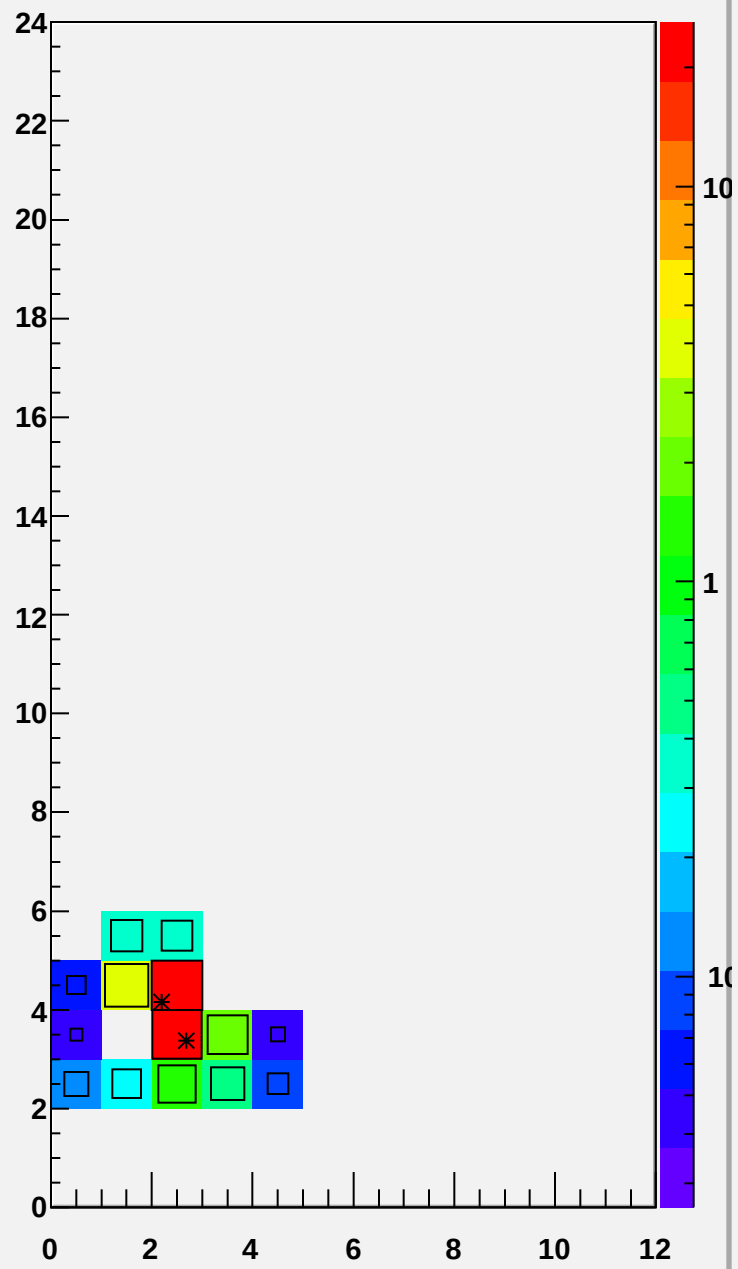
Fitted Energies



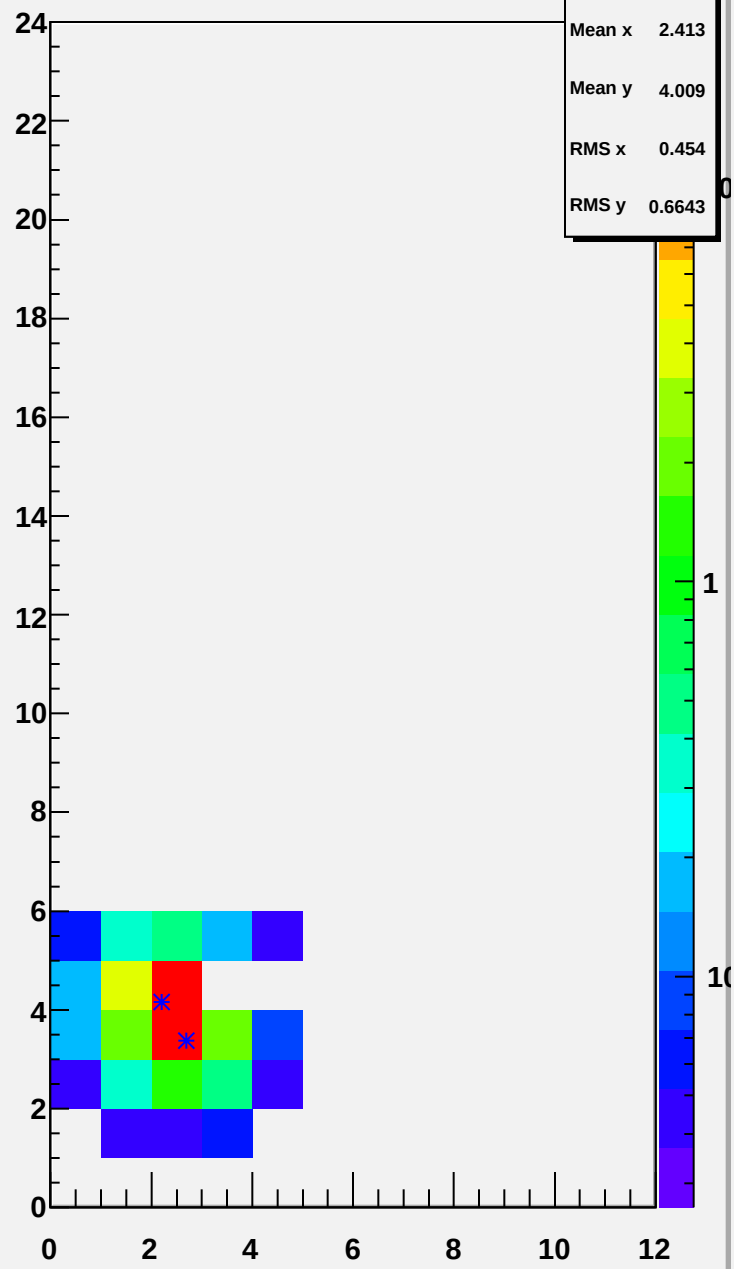
Efit

Entries 288
Mean x 3.762
Mean y 4.903
RMS x 2.878
RMS y 4.049

NSTB3_r4_c3_En=57.3_m0=0.145 m1=0.145 index=198



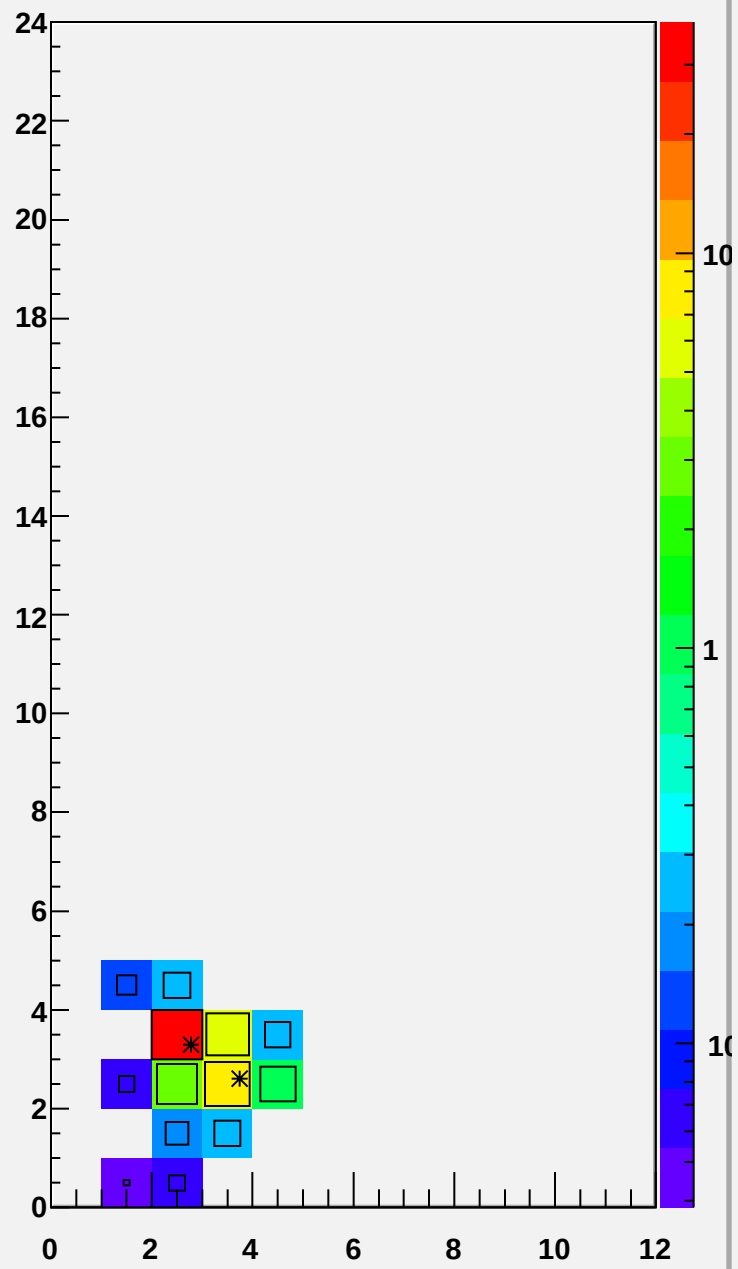
Fitted Energies



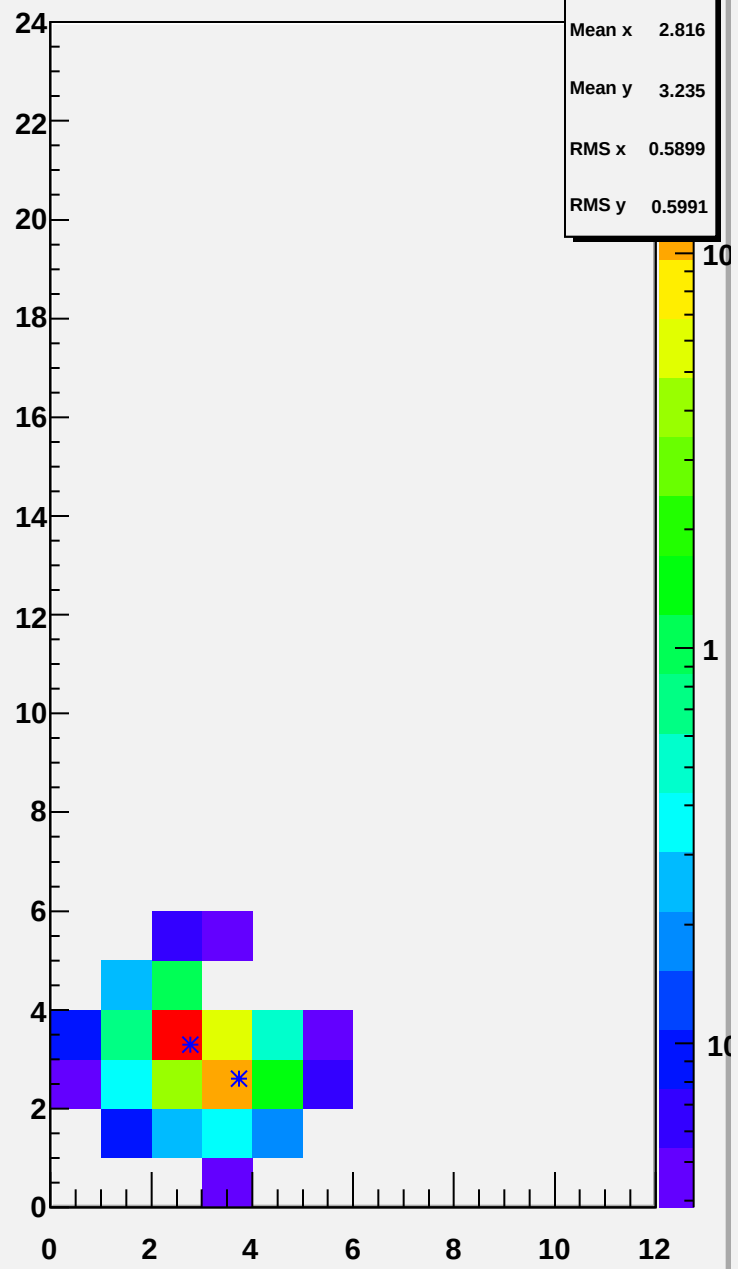
Efit

Entries	288
Mean x	2.413
Mean y	4.009
RMS x	0.454
RMS y	0.6643

NSTB3_r4_c3_En=59.3_m0=0.166 m1=0.165 index=199



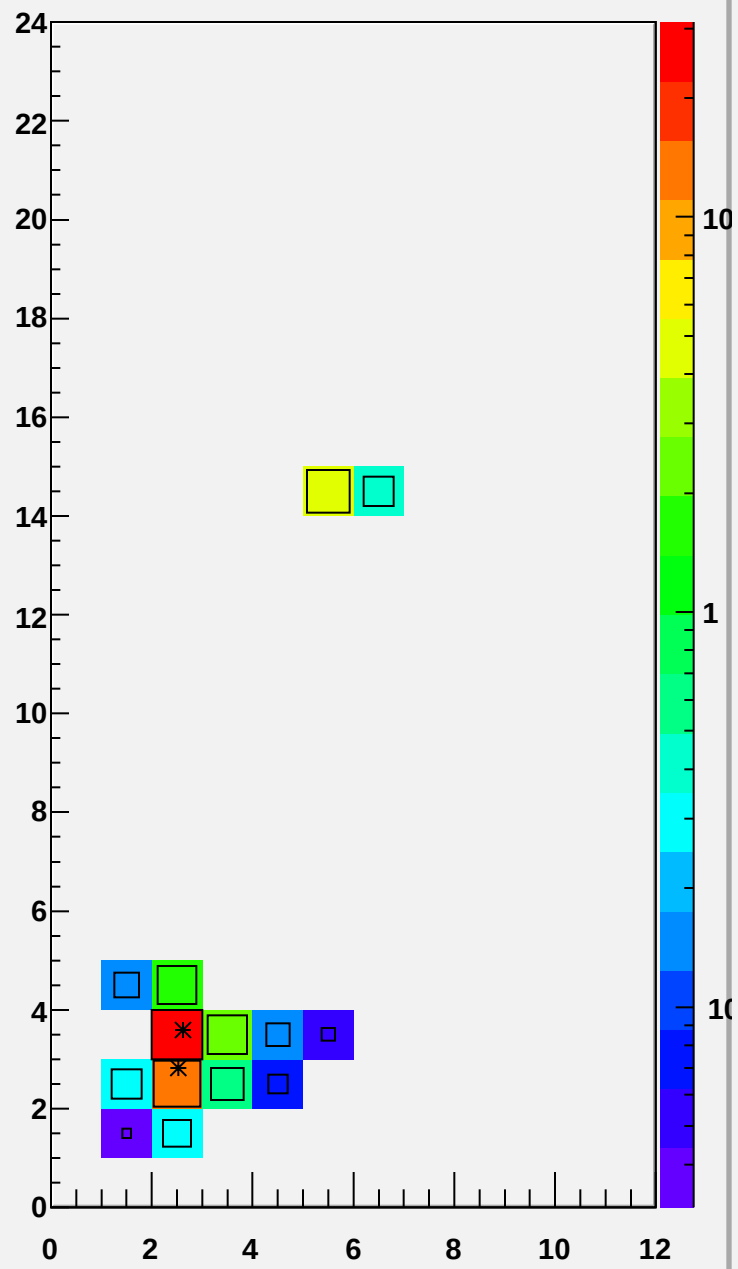
Fitted Energies



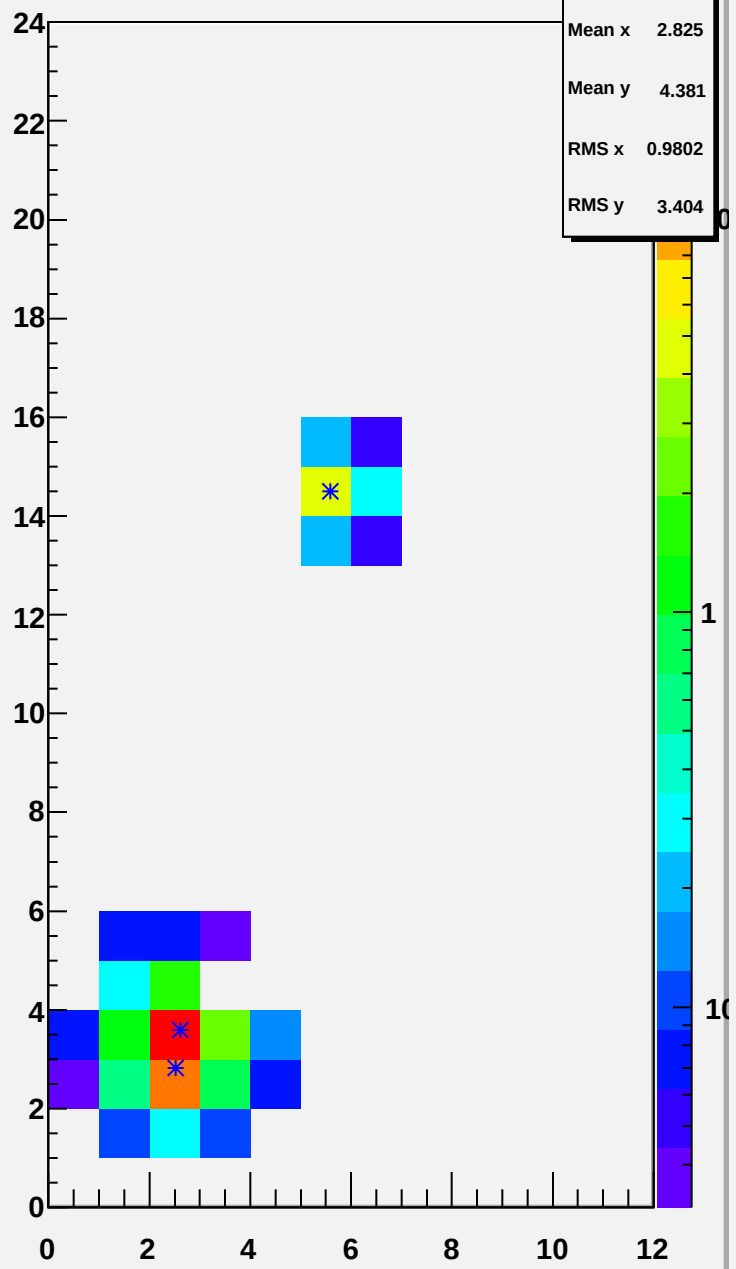
Efit

Entries	288
Mean x	2.816
Mean y	3.235
RMS x	0.5899
RMS y	0.5991

NSTB3_r4_c3_En=54.2_m0=0.098 m1=0.098 index=200



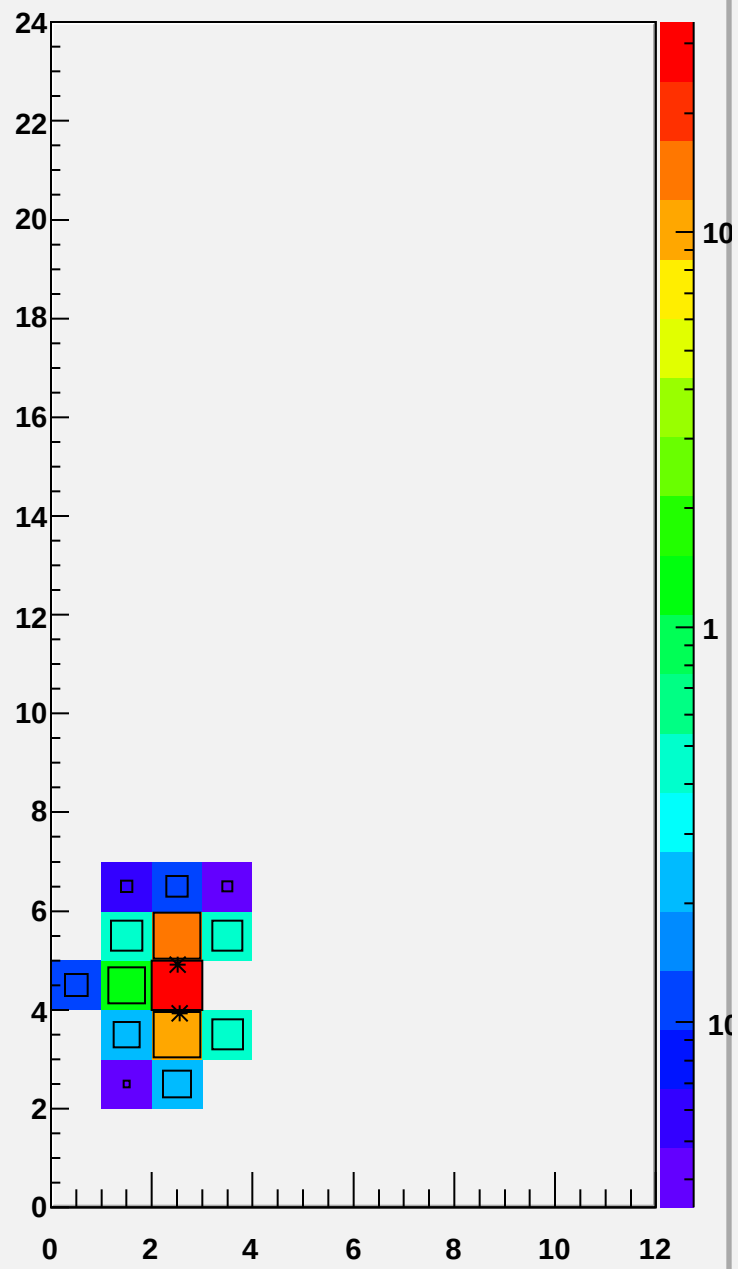
Fitted Energies



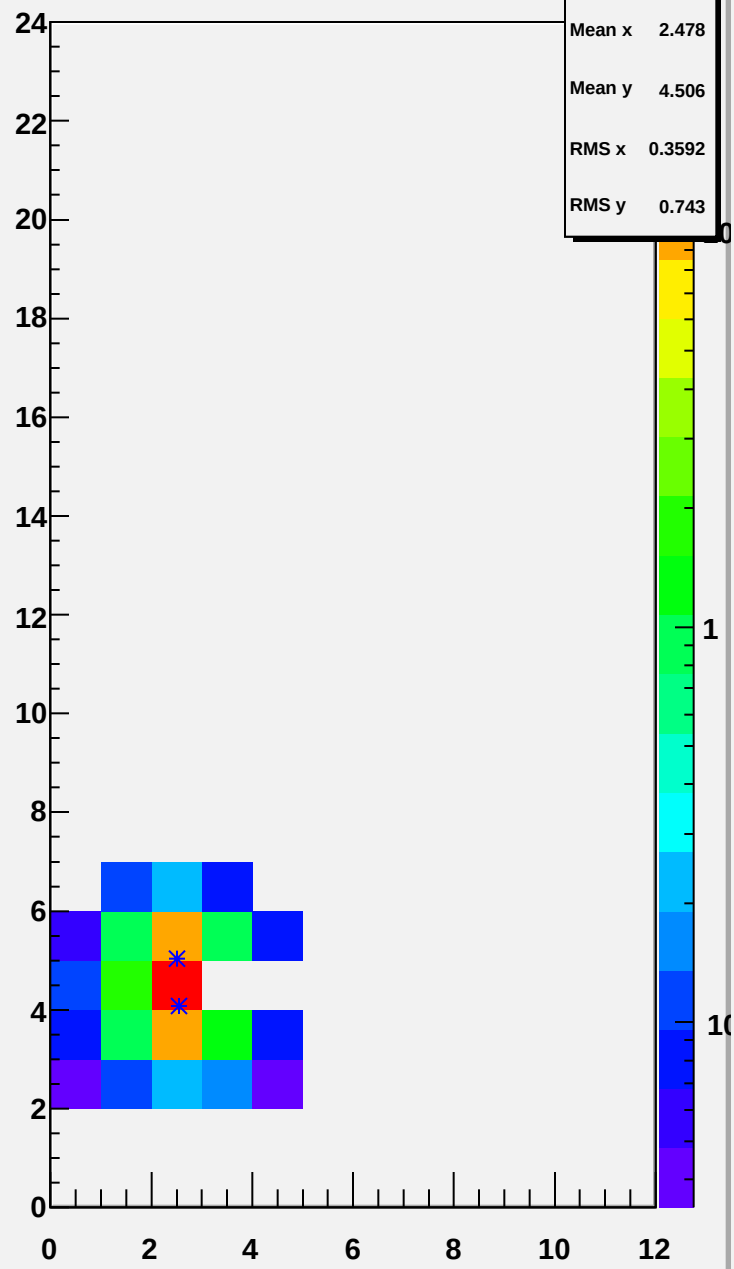
Efit

Entries	288
Mean x	2.825
Mean y	4.381
RMS x	0.9802
RMS y	3.404

NSTB3_r4_c3_En=61.8_m0=0.159_m1=0.163_index=202



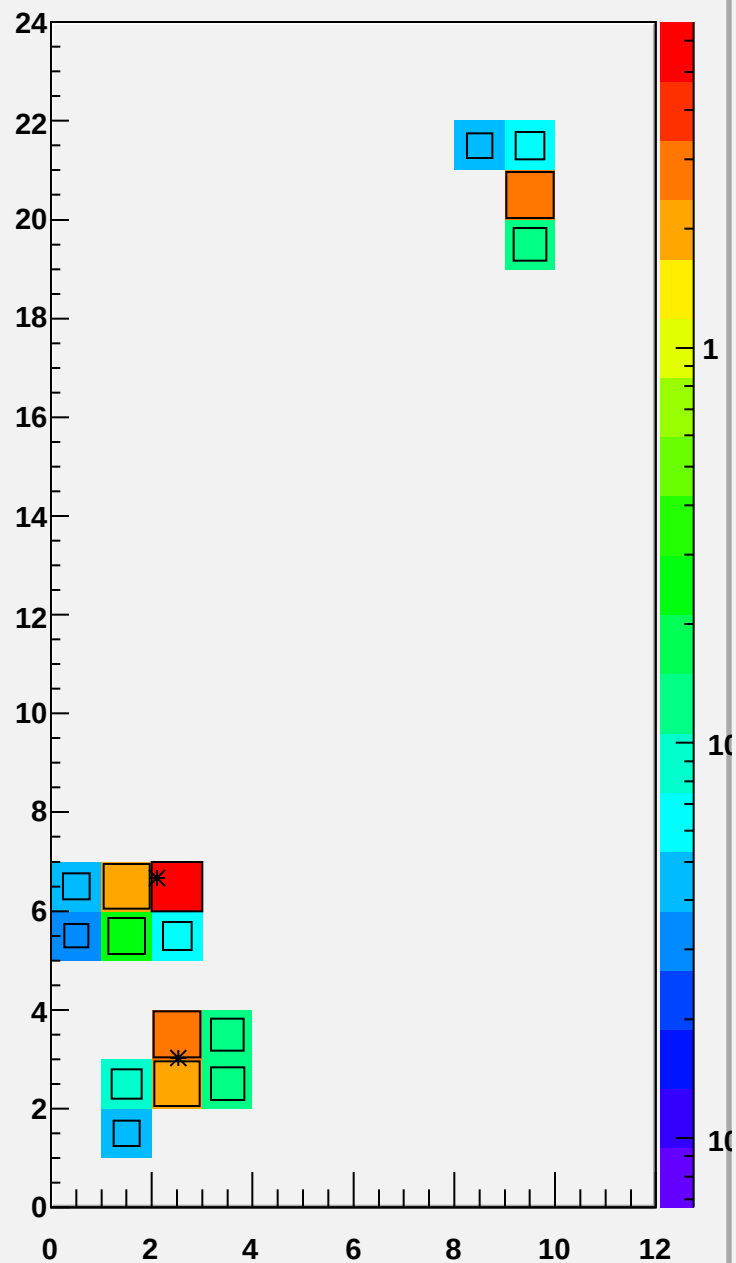
Fitted Energies



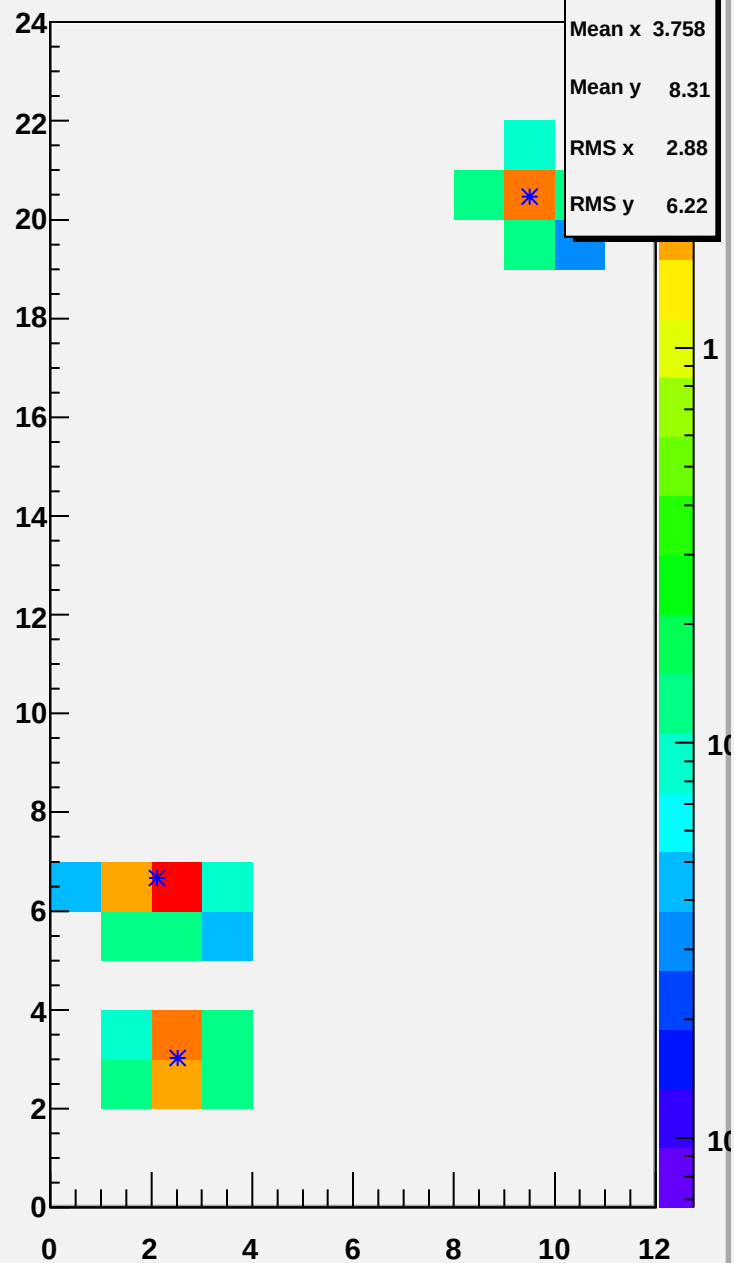
Efit

Entries	288
Mean x	2.478
Mean y	4.506
RMS x	0.3592
RMS y	0.743

NSTB3_r4_c3_En=17.3_m0=0.148 m1=0.148 index=203



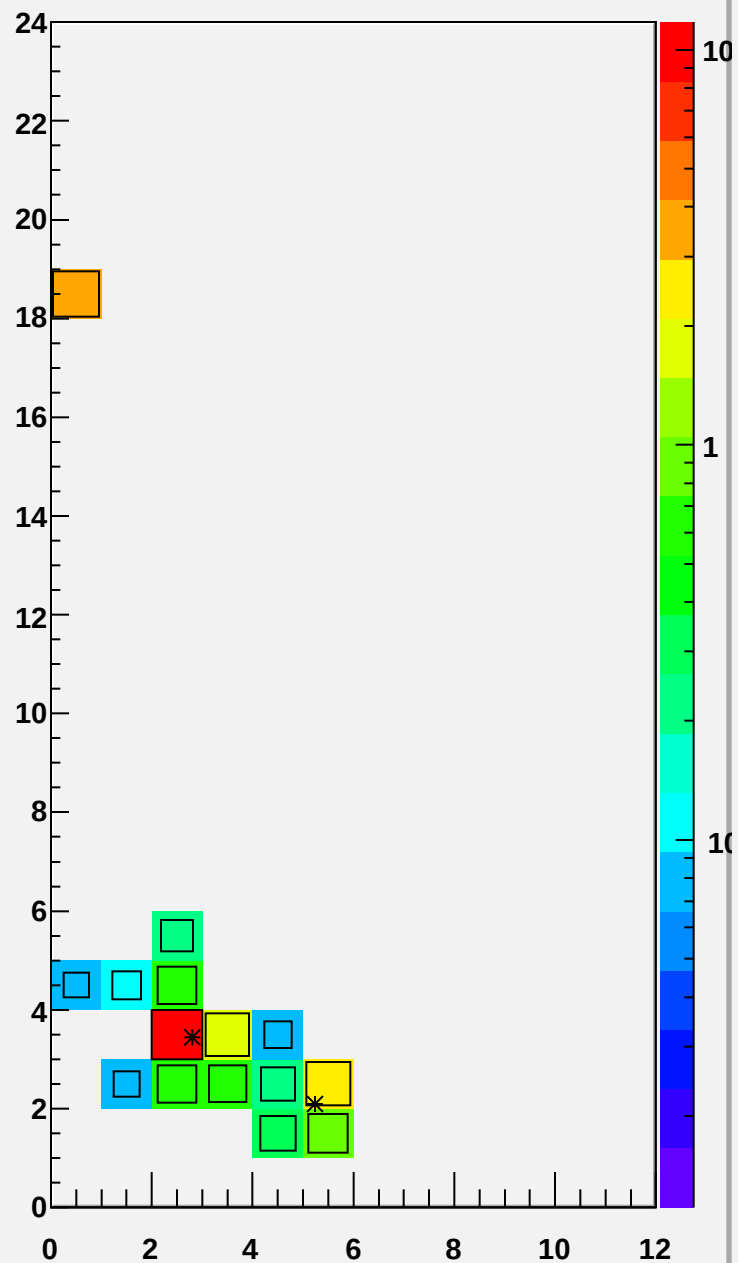
Fitted Energies



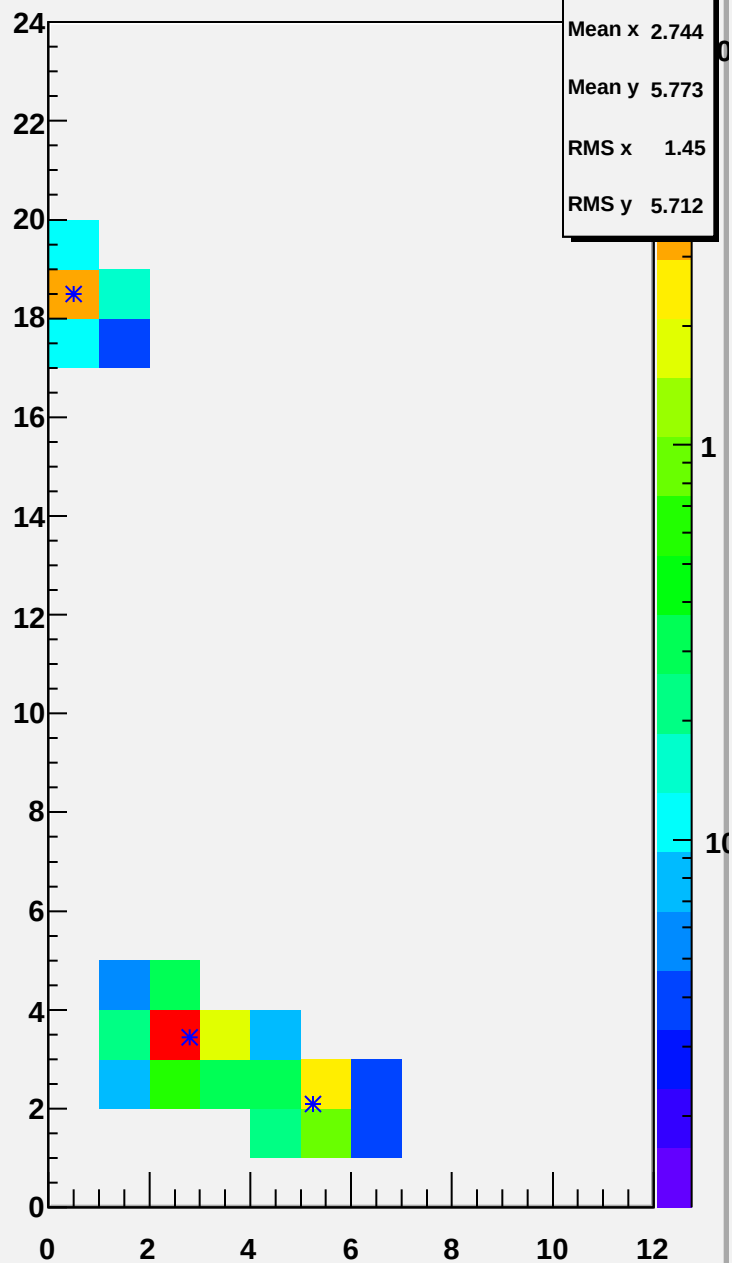
Efit

Entries 288
Mean x 3.758
Mean y 8.31
RMS x 2.88
RMS y 6.22

NSTB3_r4_c3_En=23.7_m0=0.121 m1=0.121 index=204



Fitted Energies



Efit

Entries 288

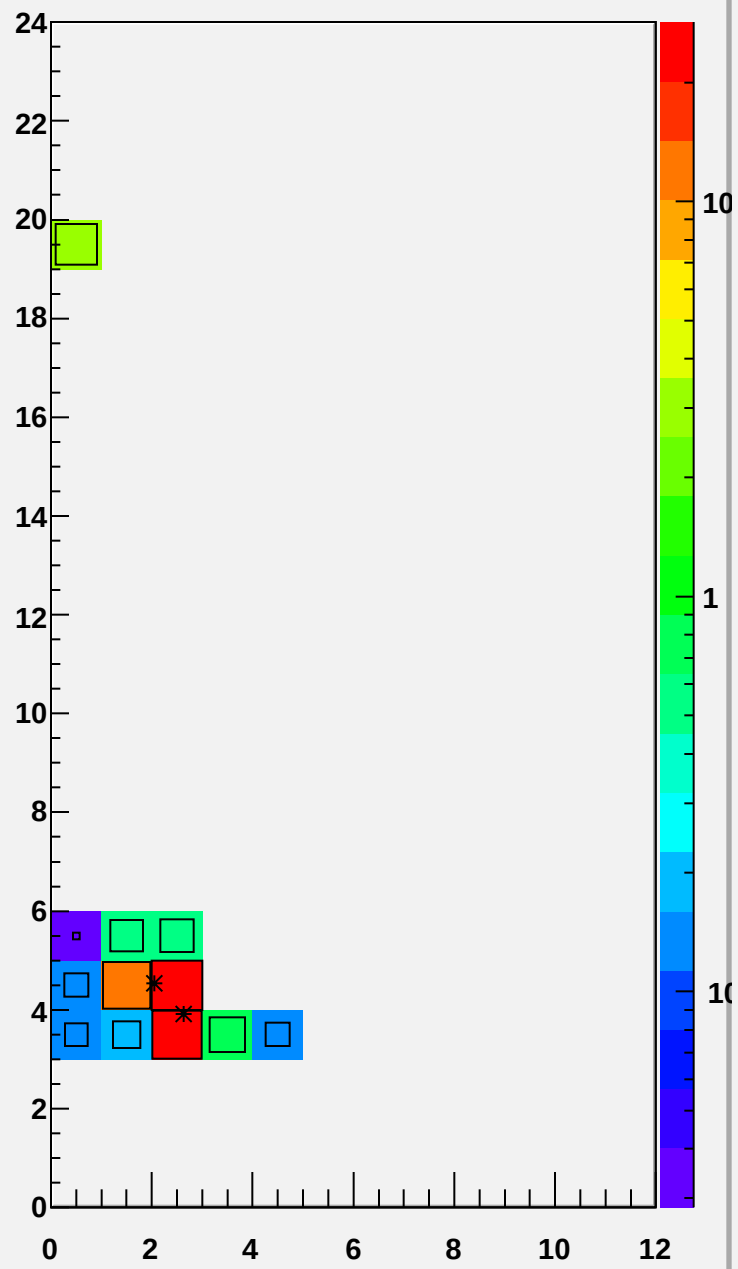
Mean x 2.744

Mean y 5.773

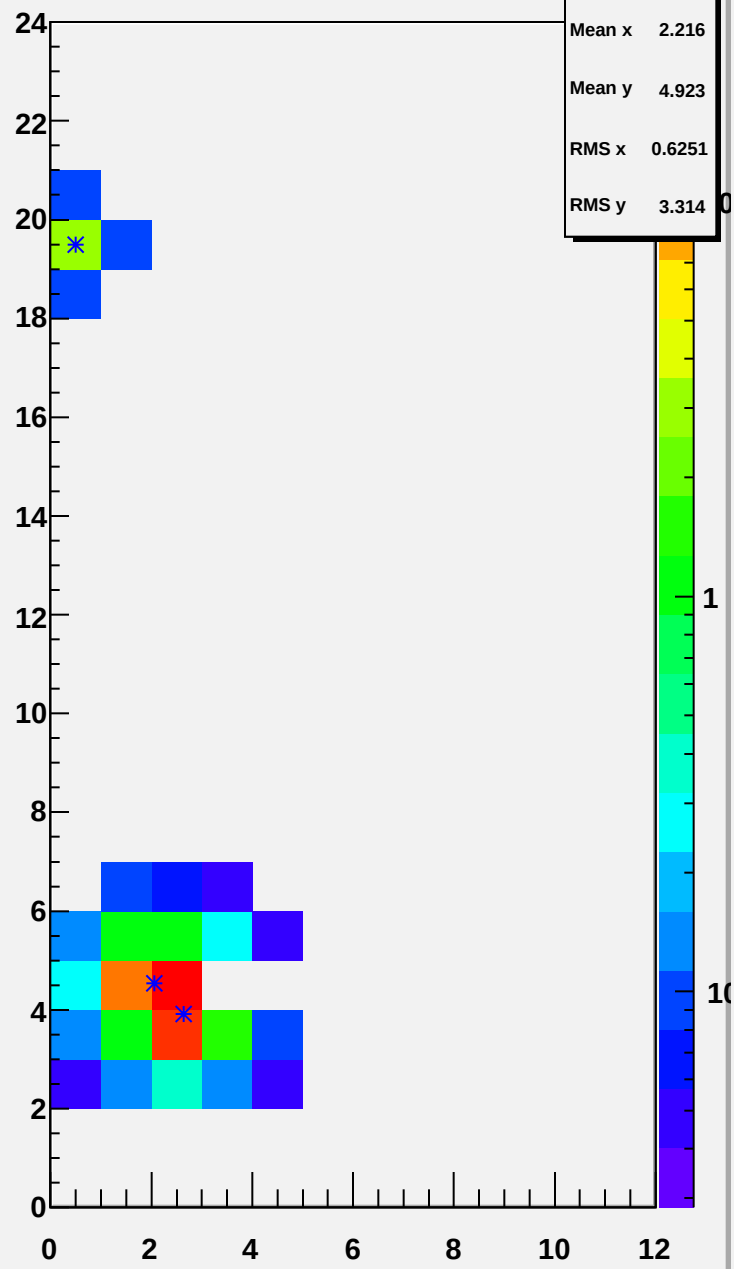
RMS x 1.45

RMS y 5.712

NSTB3_r4_c3_En=67.0_m0=0.151_m1=0.150_index=205



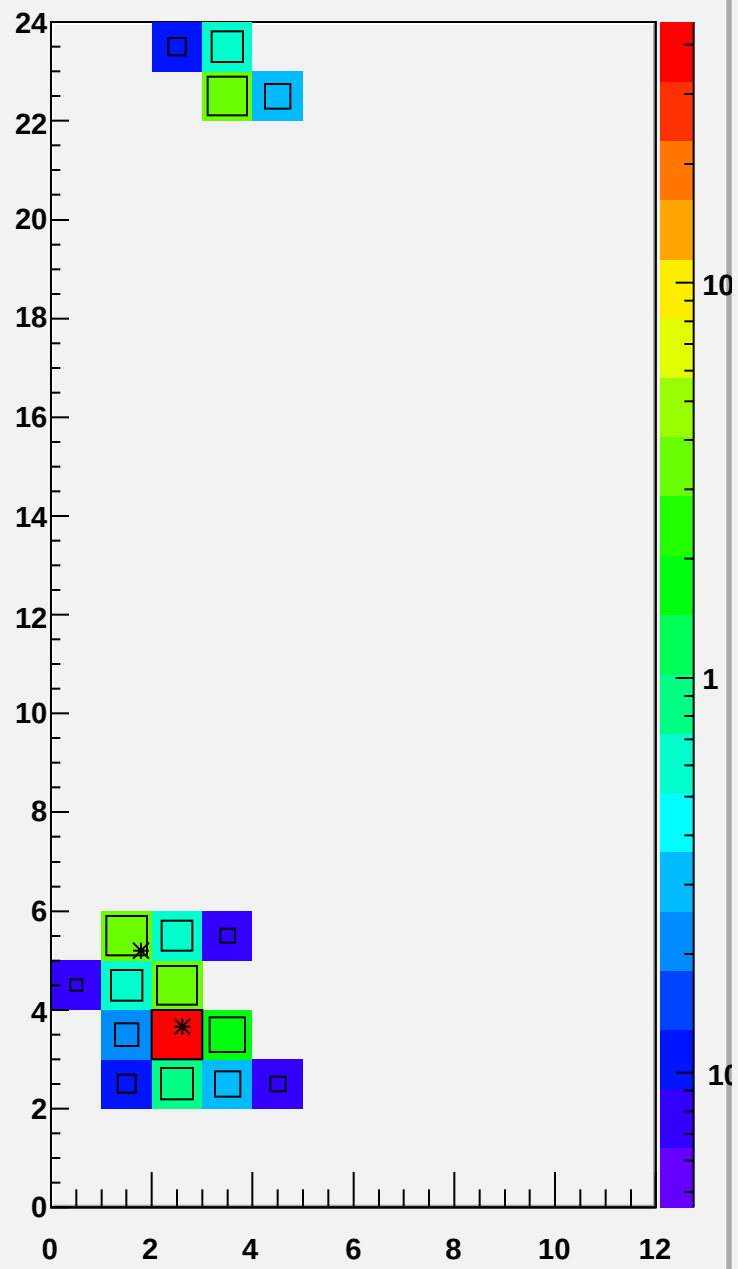
Fitted Energies



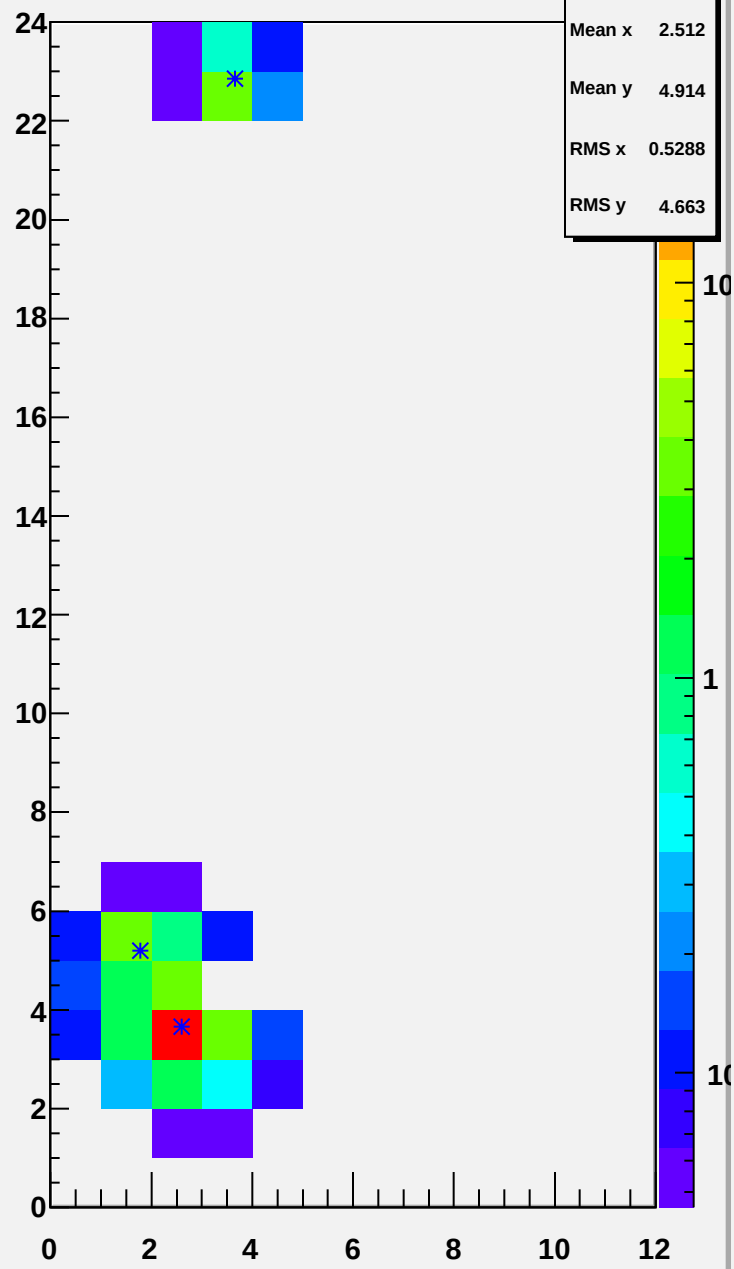
Efit

Entries	288
Mean x	2.216
Mean y	4.923
RMS x	0.6251
RMS y	3.314

NSTB3_r4_c3_En=61.0_m0=0.167 m1=0.167 index=206



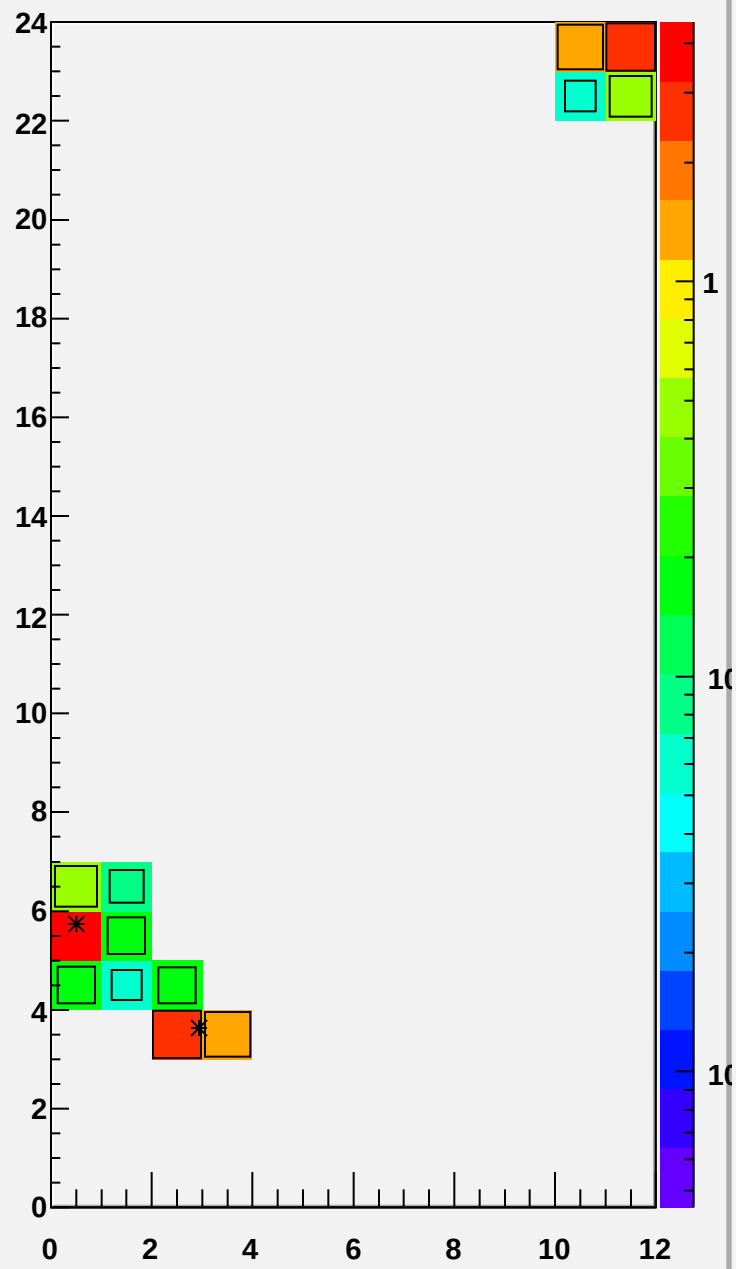
Fitted Energies



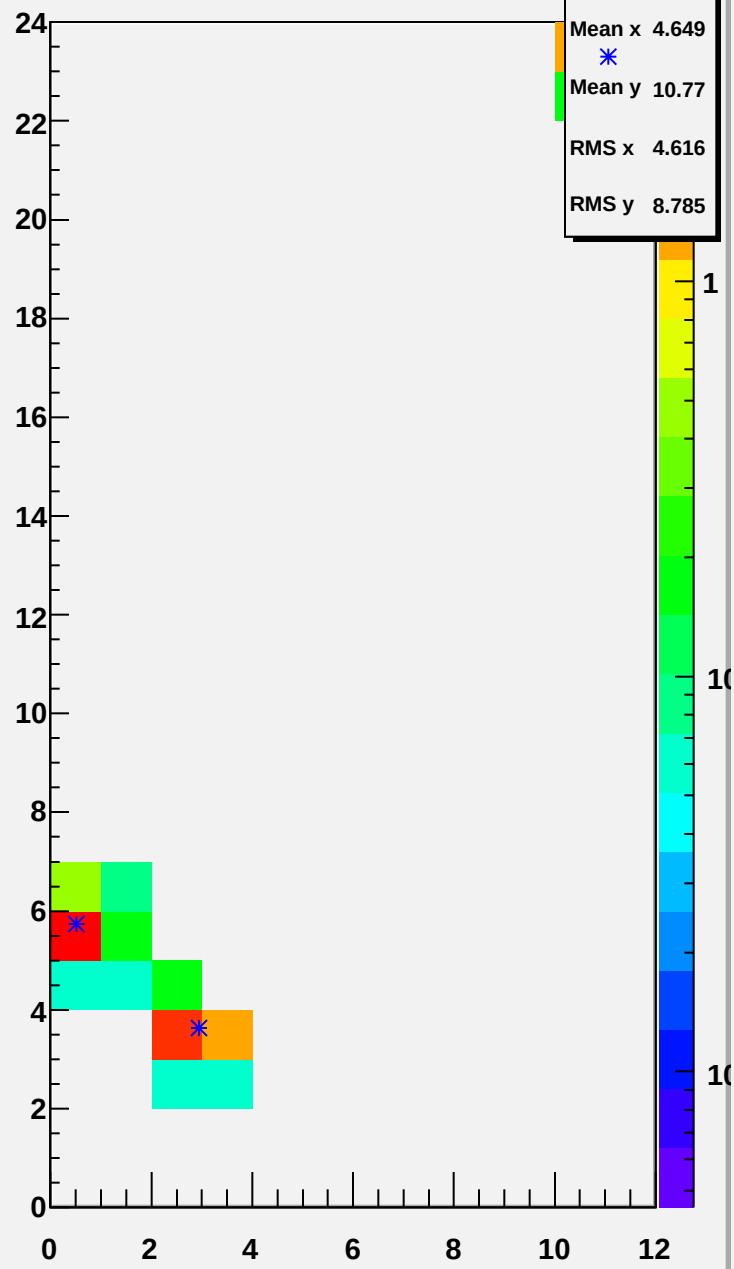
Efit

Entries	288
Mean x	2.512
Mean y	4.914
RMS x	0.5288
RMS y	4.663

NSTB3_r4_c3_En=14.3_m0=0.089 m1=0.089 index=207



Fitted Energies



Efit

Entries 288

Mean x 4.649

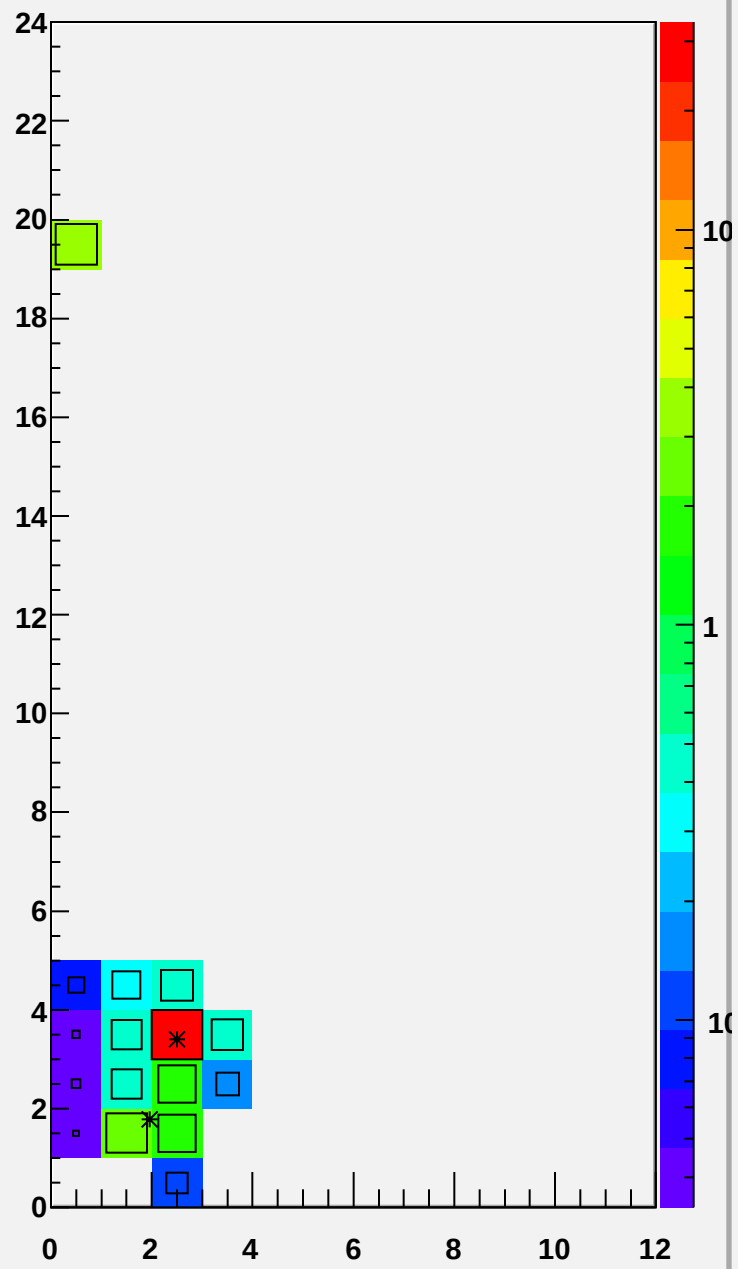
*

Mean y 10.77

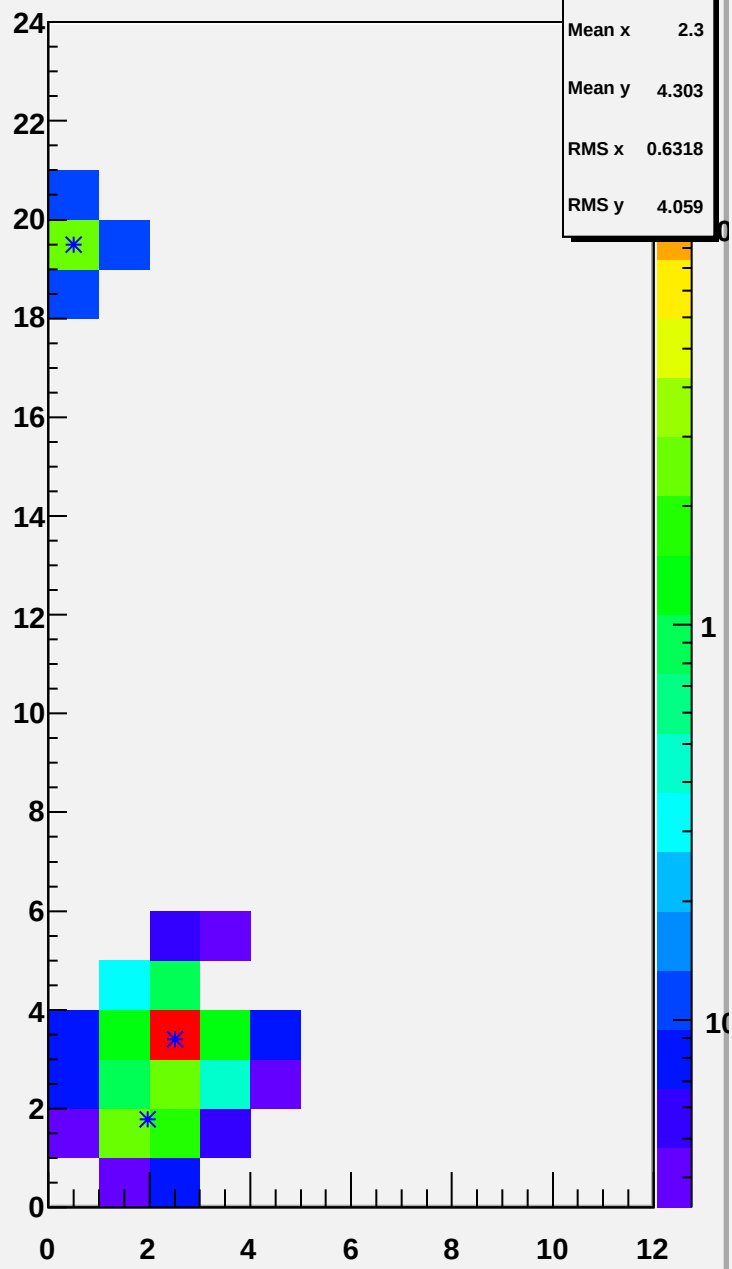
RMS x 4.616

RMS y 8.785

NSTB3_r4_c3_En=45.2_m0=0.139 m1=0.138 index=208



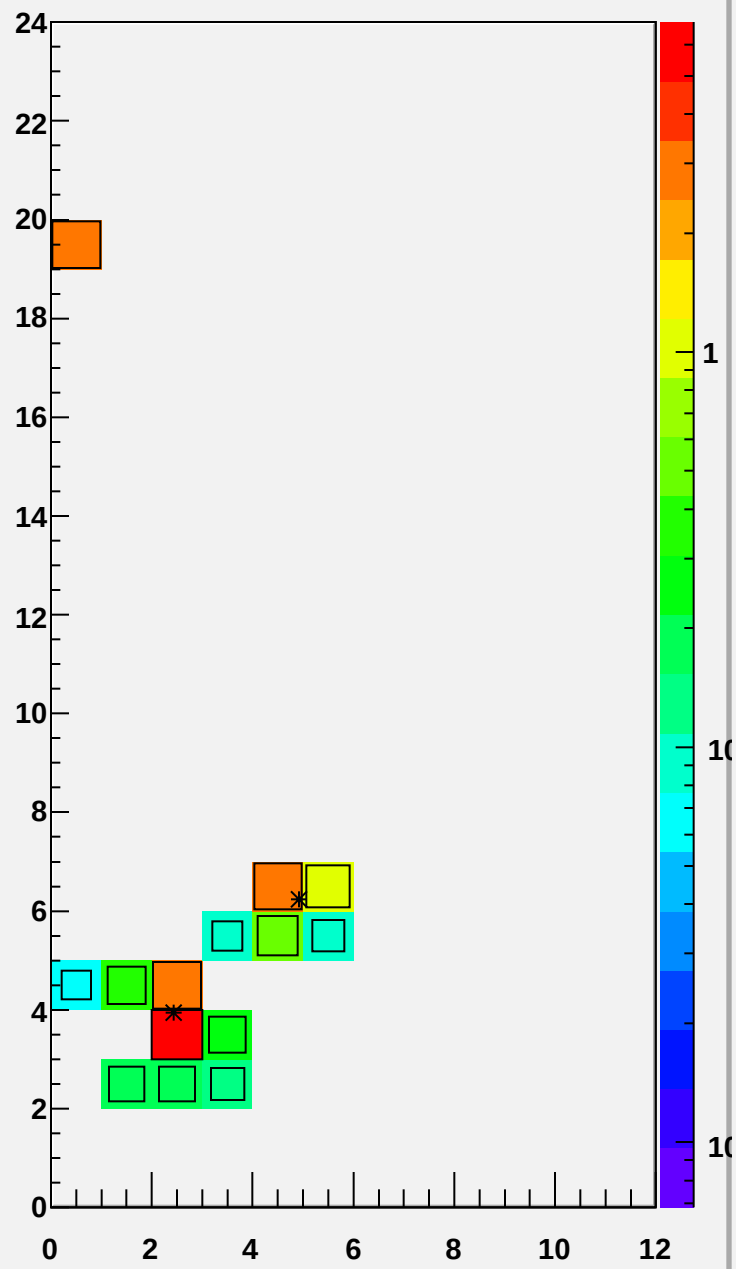
Fitted Energies



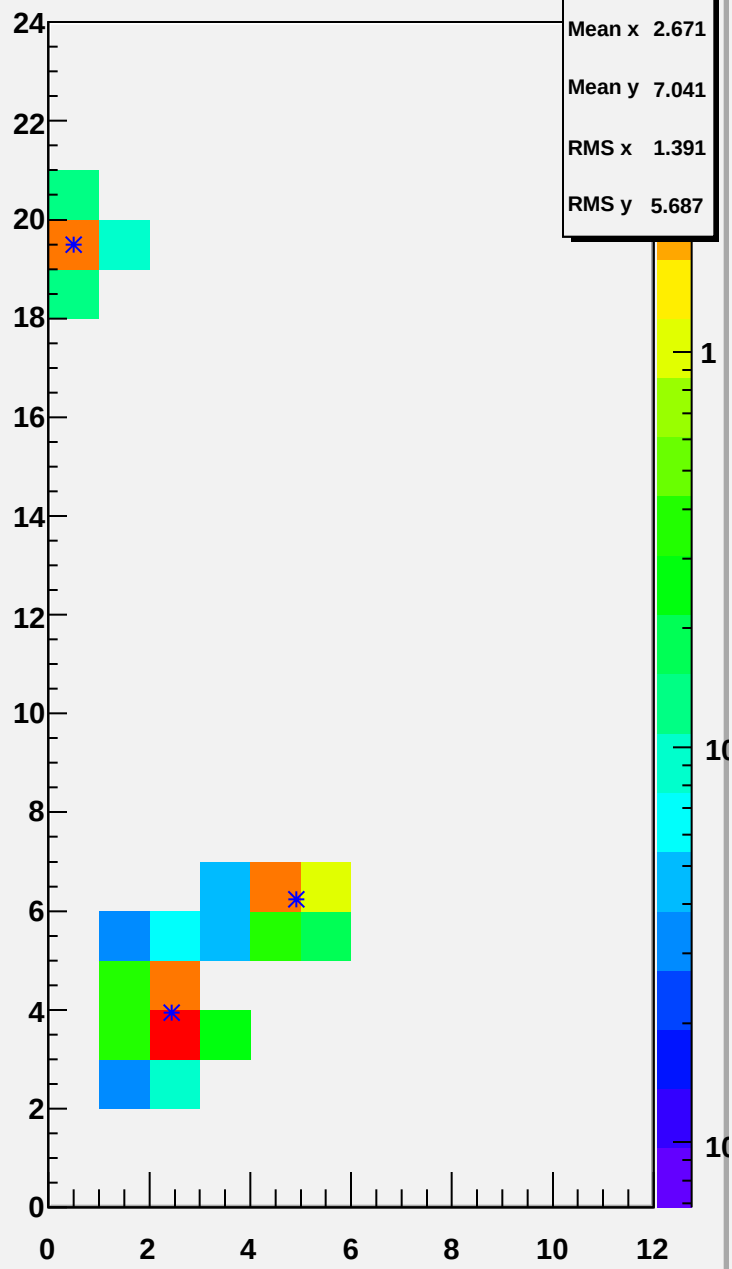
Efit

Entries	288
Mean x	2.3
Mean y	4.303
RMS x	0.6318
RMS y	4.059

NSTB3_r4_c3_En=19.3_m0=0.139_m1=0.139_index=209



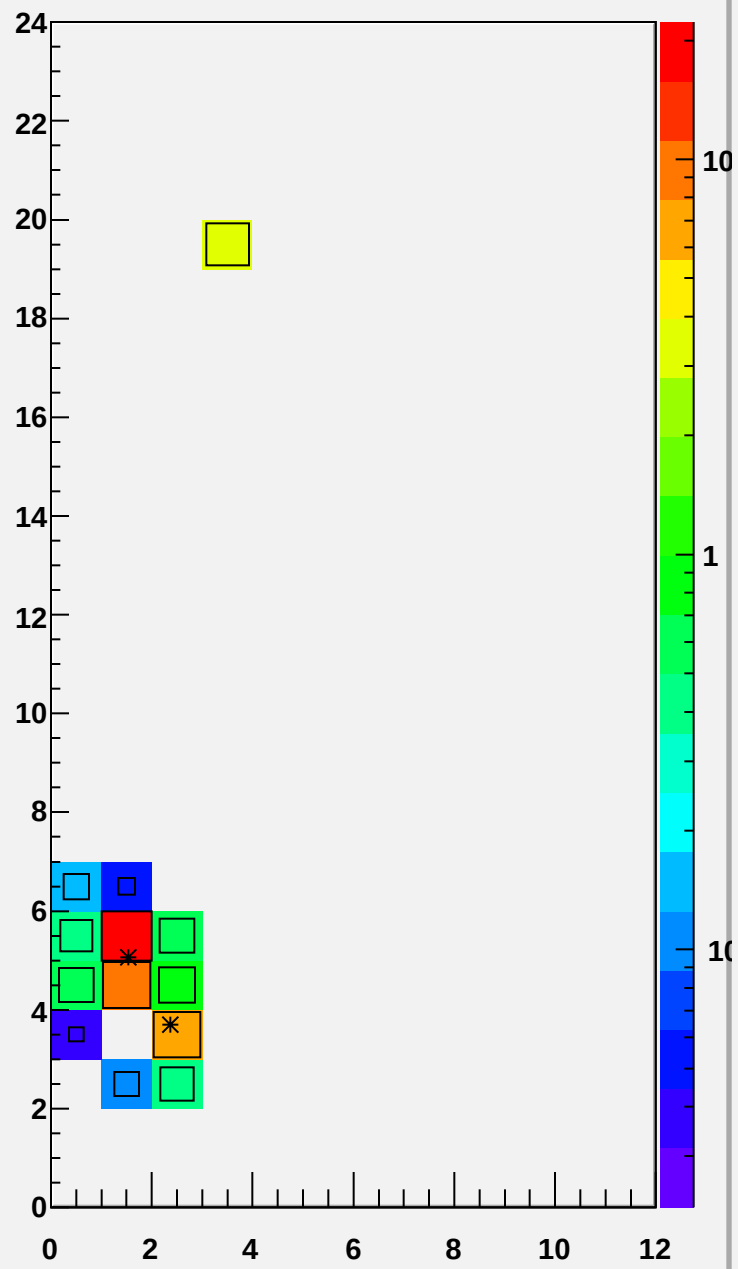
Fitted Energies



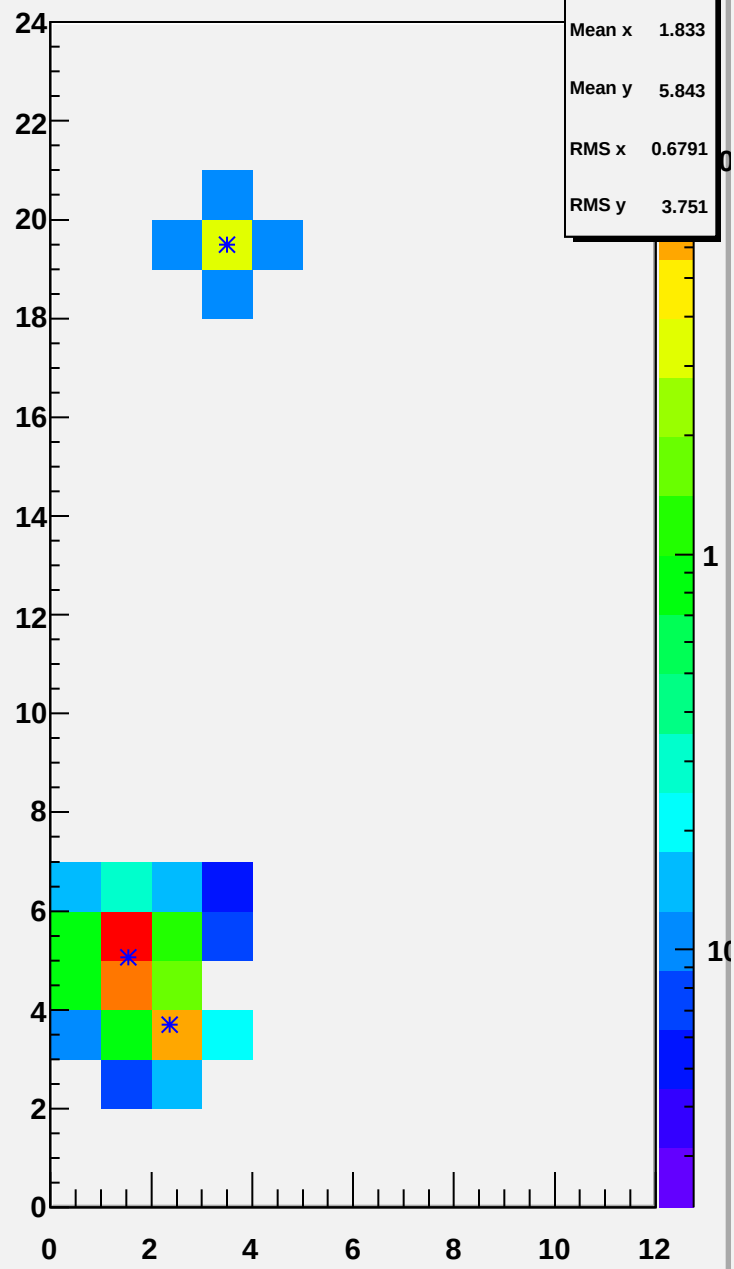
Efit

Entries 288
Mean x 2.671
Mean y 7.041
RMS x 1.391
RMS y 5.687

NSTB3_r4_c3_En=45.7_m0=0.165 m1=0.165 index=211



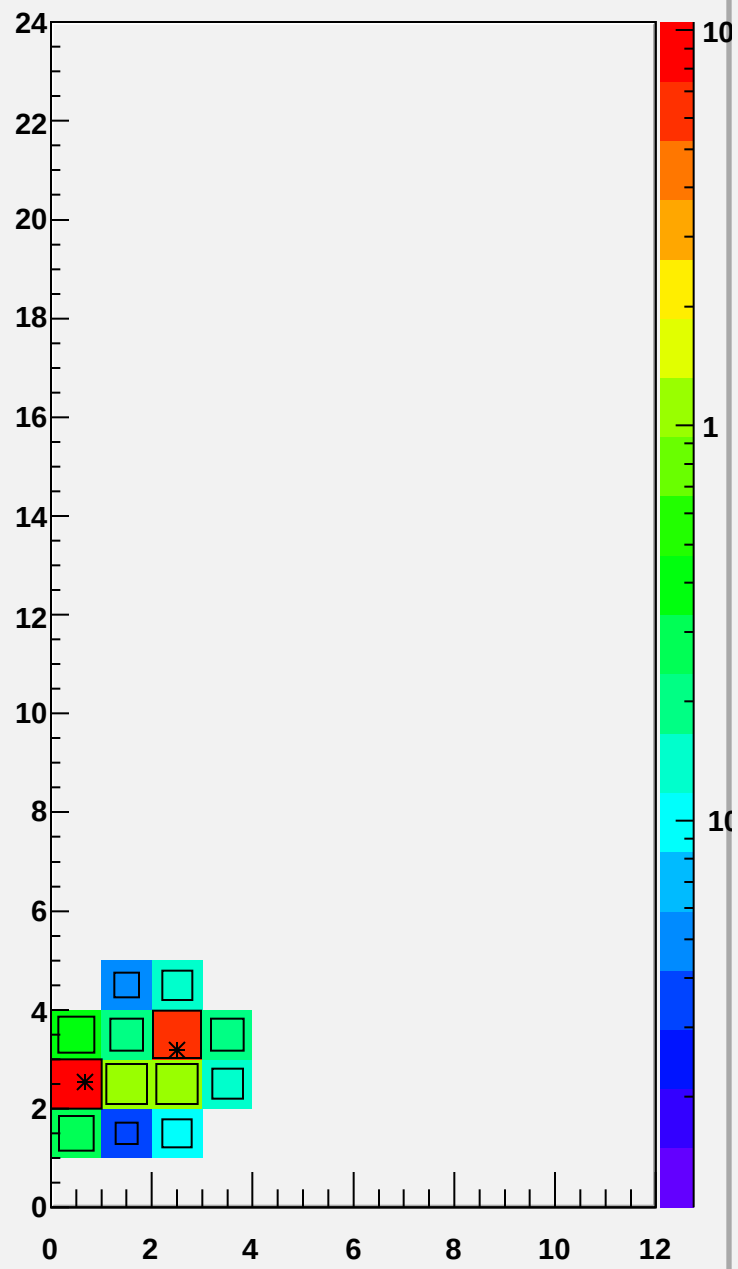
Fitted Energies



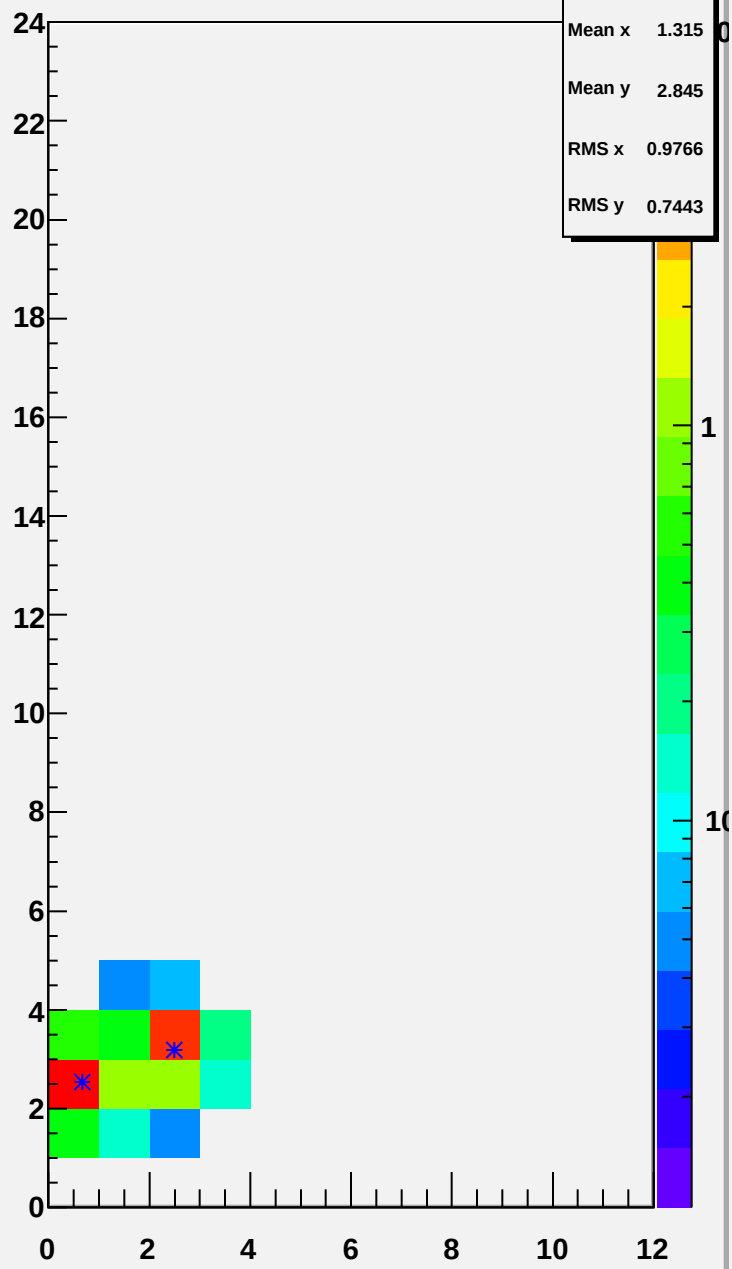
Efit

Entries	288
Mean x	1.833
Mean y	5.843
RMS x	0.6791
RMS y	3.751

NSTB3_r4_c3_En=19.7_m0=0.106 m1=0.106 index=212



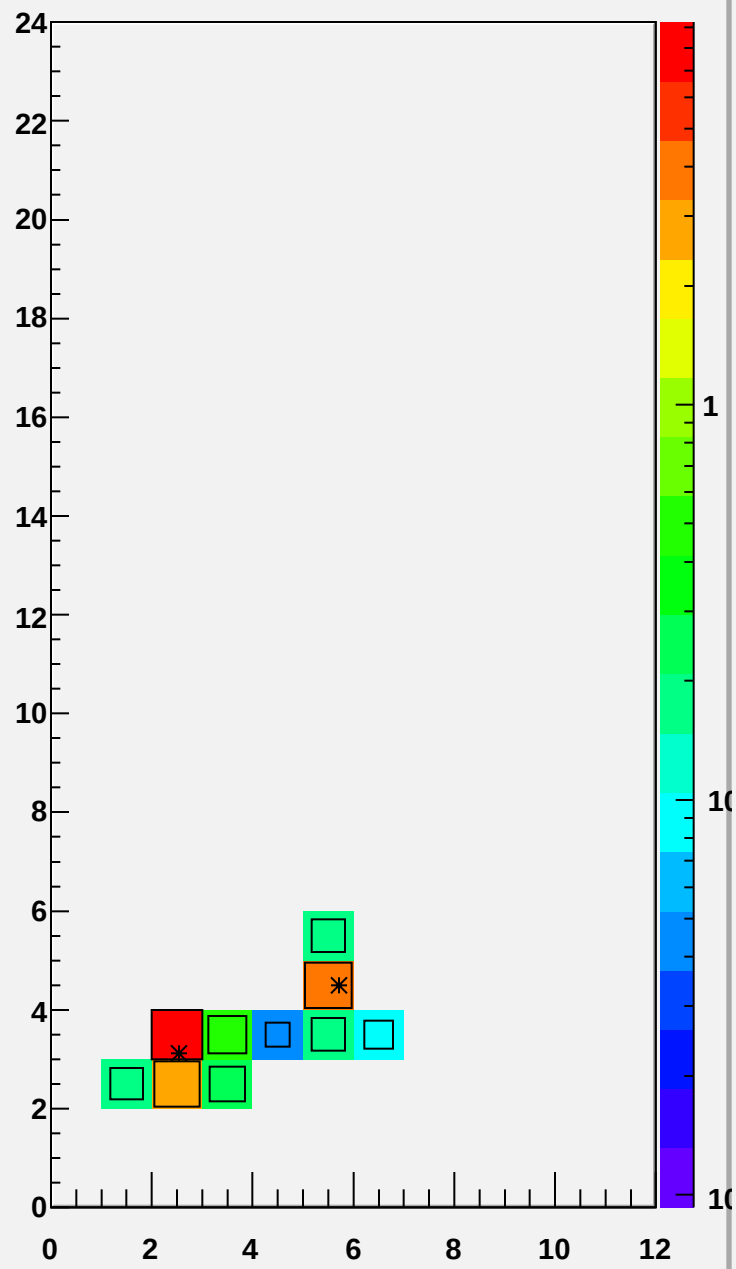
Fitted Energies



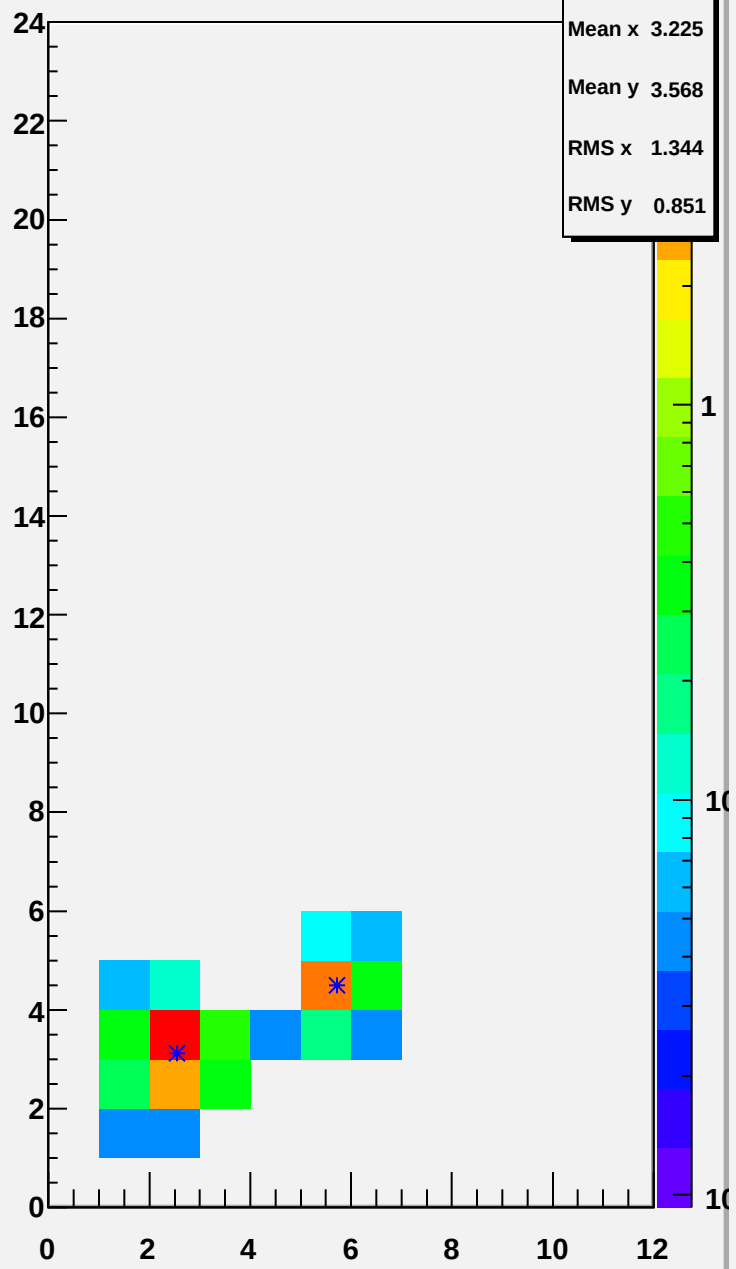
Efit

Entries	288
Mean x	1.315
Mean y	2.845
RMS x	0.9766
RMS y	0.7443

NSTB3_r4_c3_En=16.9_m0=0.146 m1=0.146 index=214



Fitted Energies



Efit

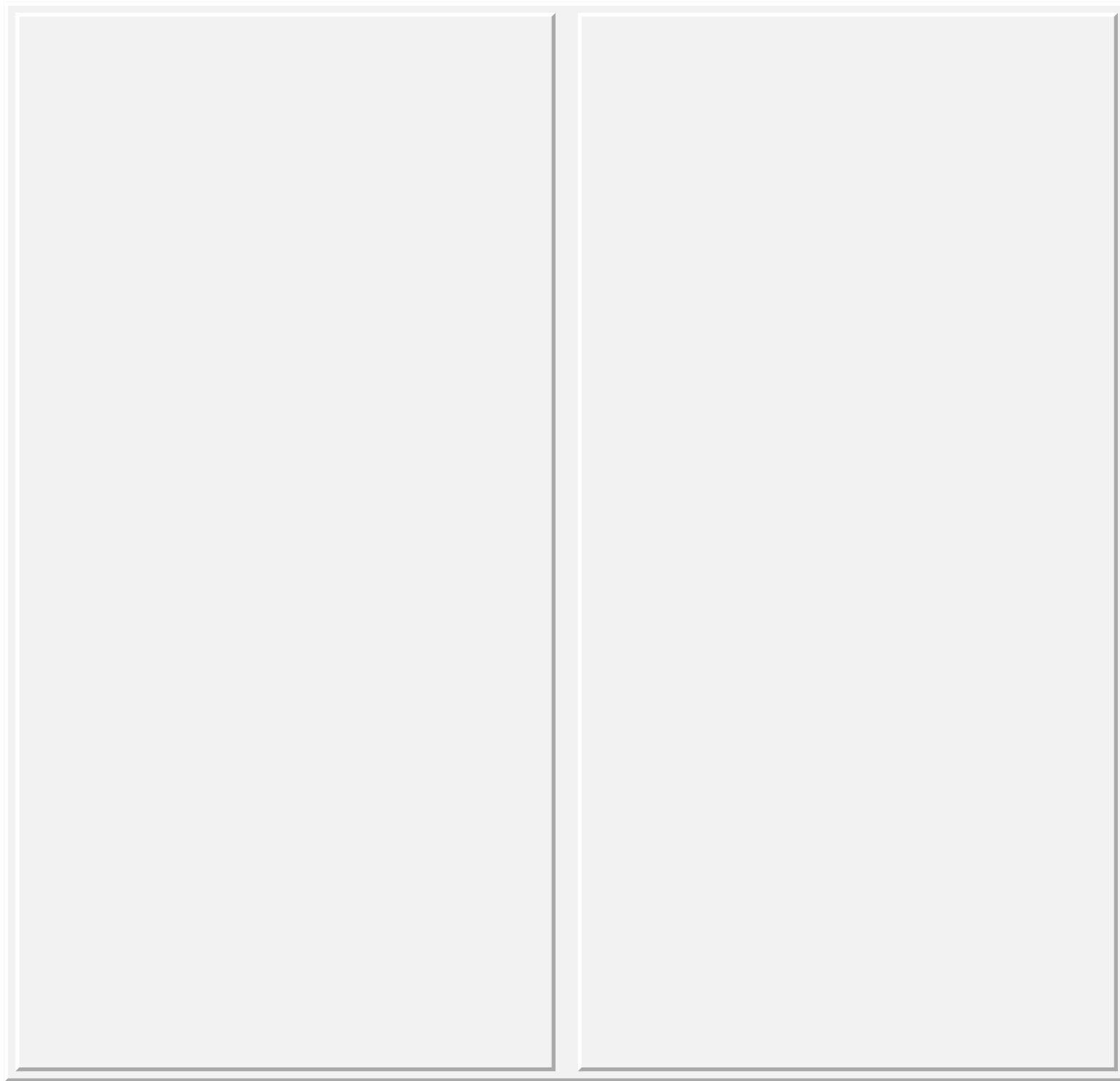
Entries 288

Mean x 3.225

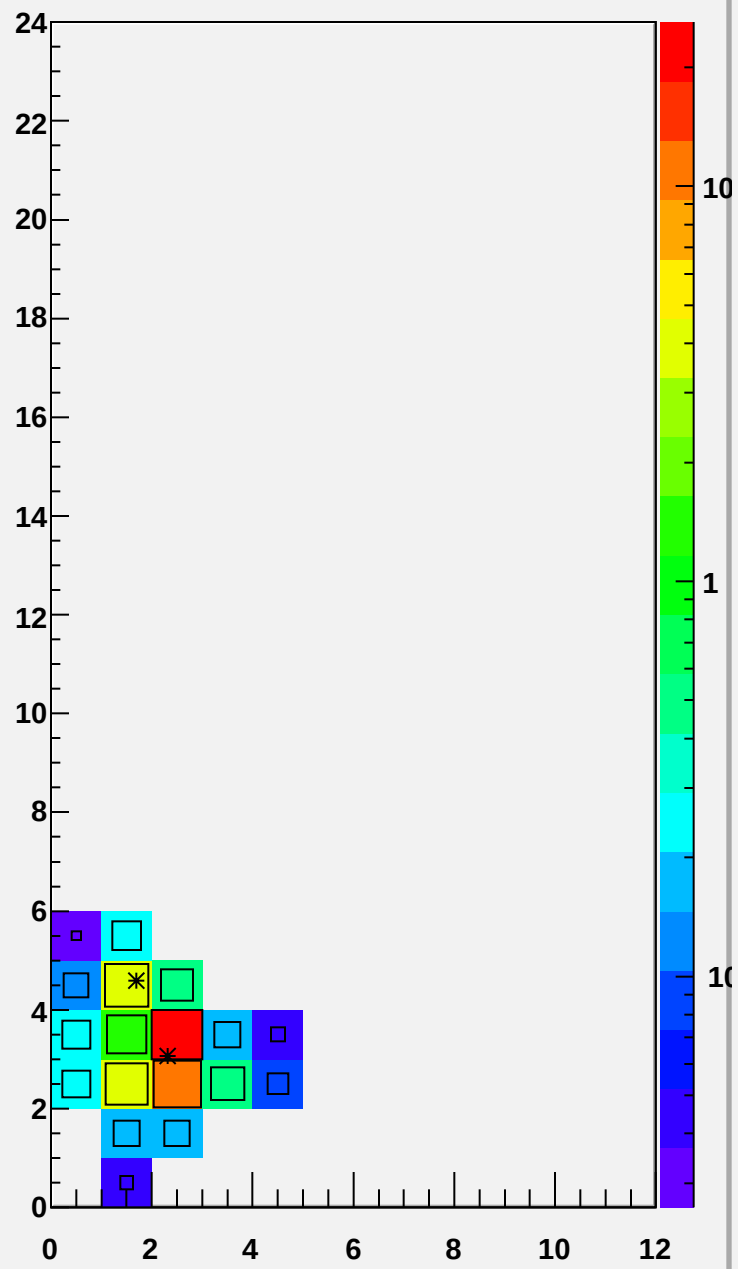
Mean y 3.568

RMS x 1.344

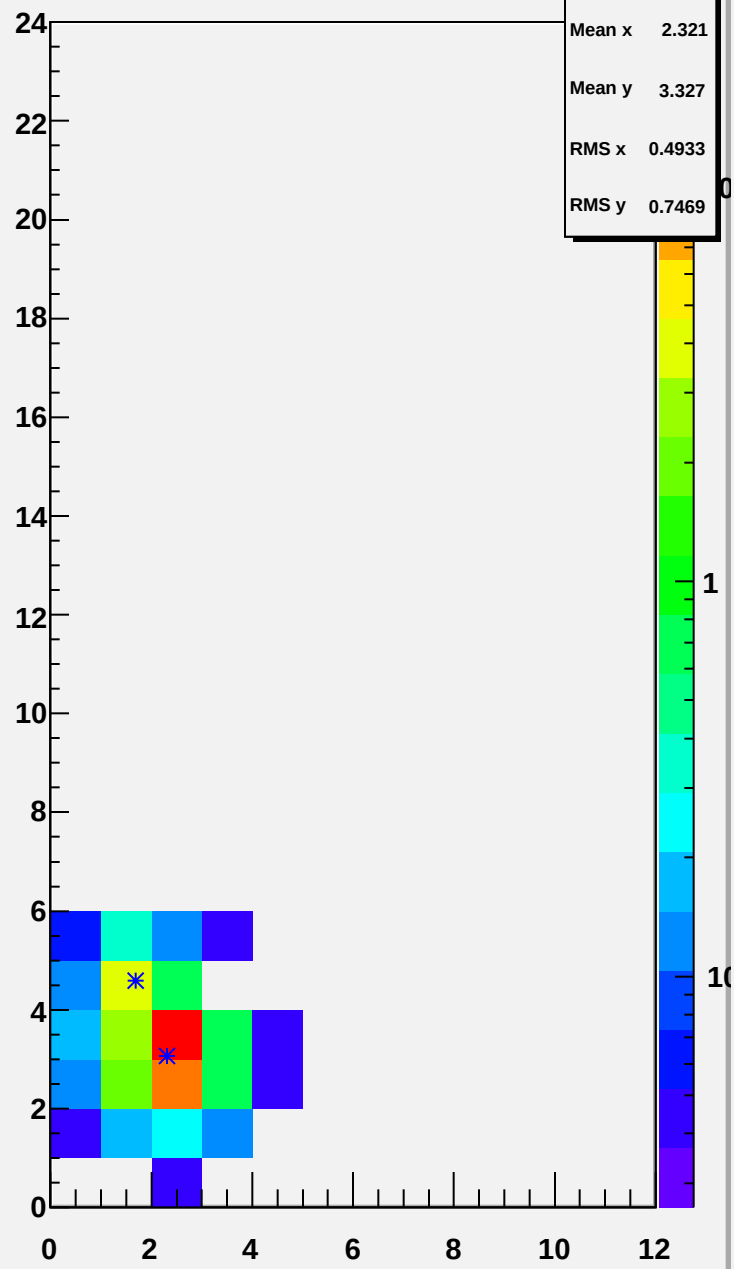
RMS y 0.851



NSTB3_r4_c3_En=49.8_m0=0.143 m1=0.144 index=217



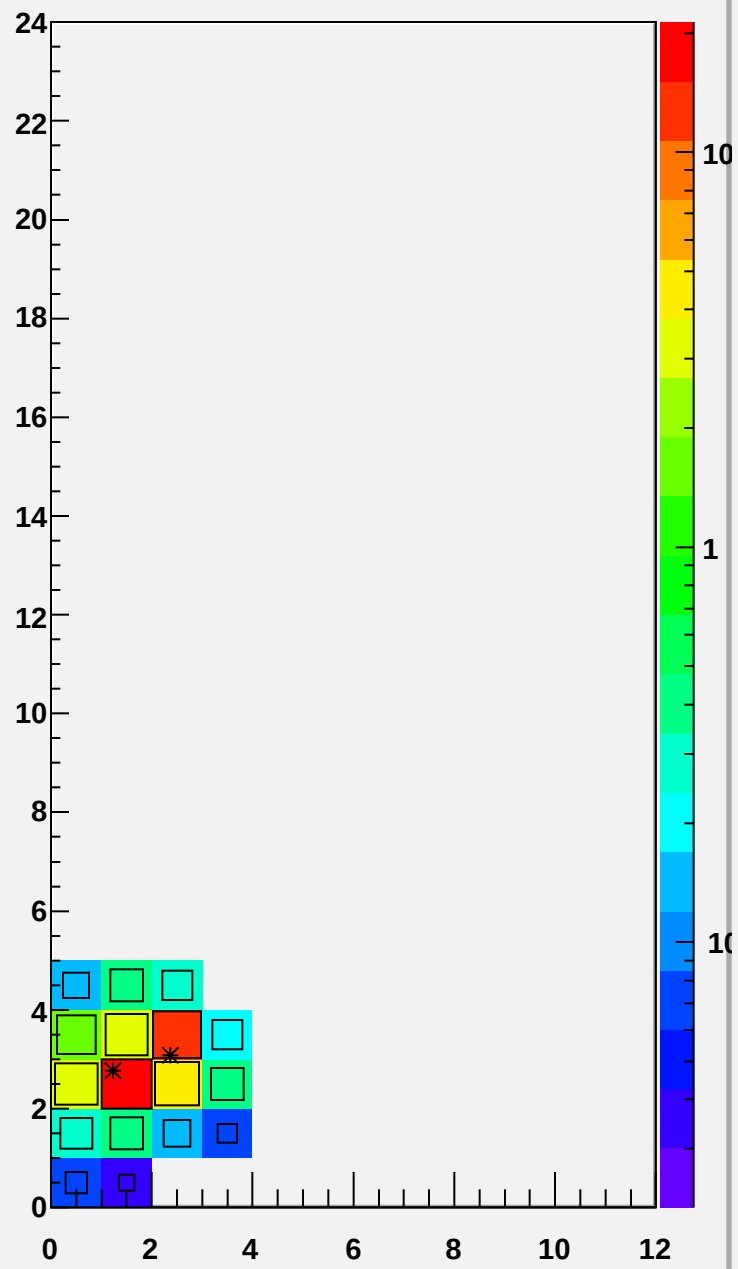
Fitted Energies



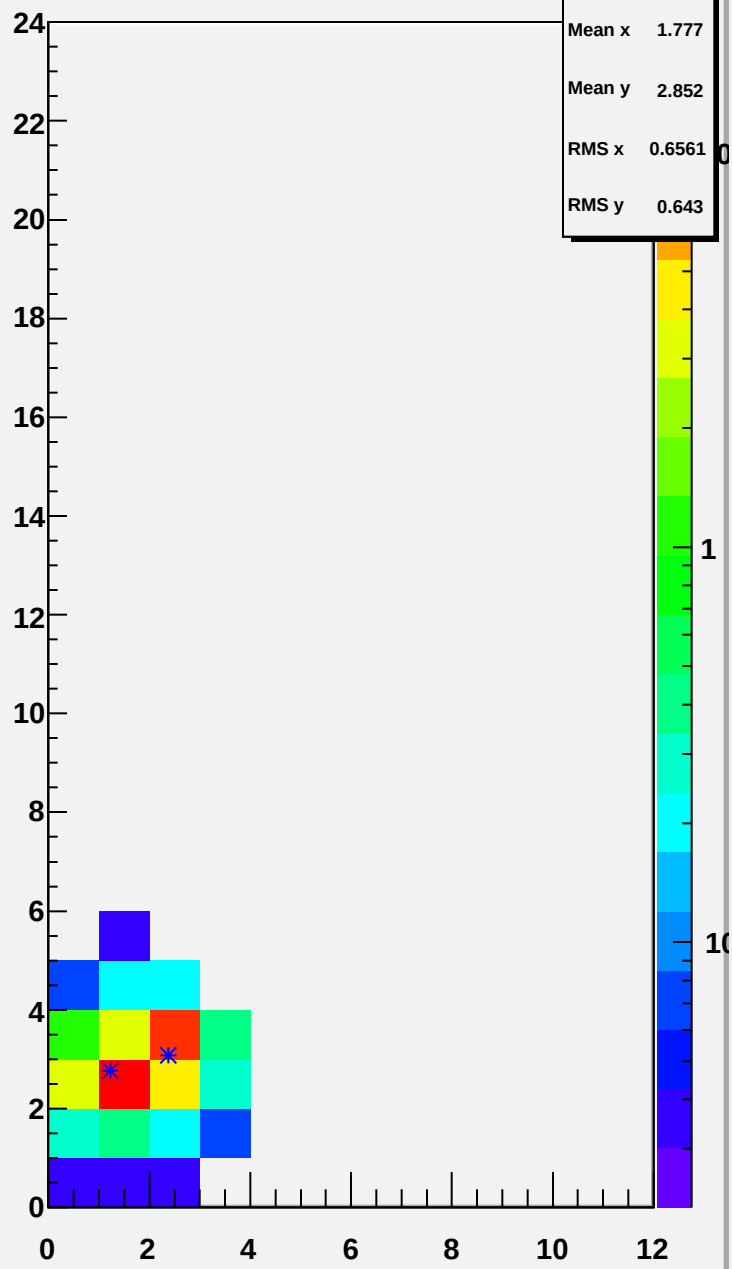
Efit

Entries	288
Mean x	2.321
Mean y	3.327
RMS x	0.4933
RMS y	0.7469

NSTB3_r4_c3_En=46.6_m0=0.152 m1=0.152 index=218



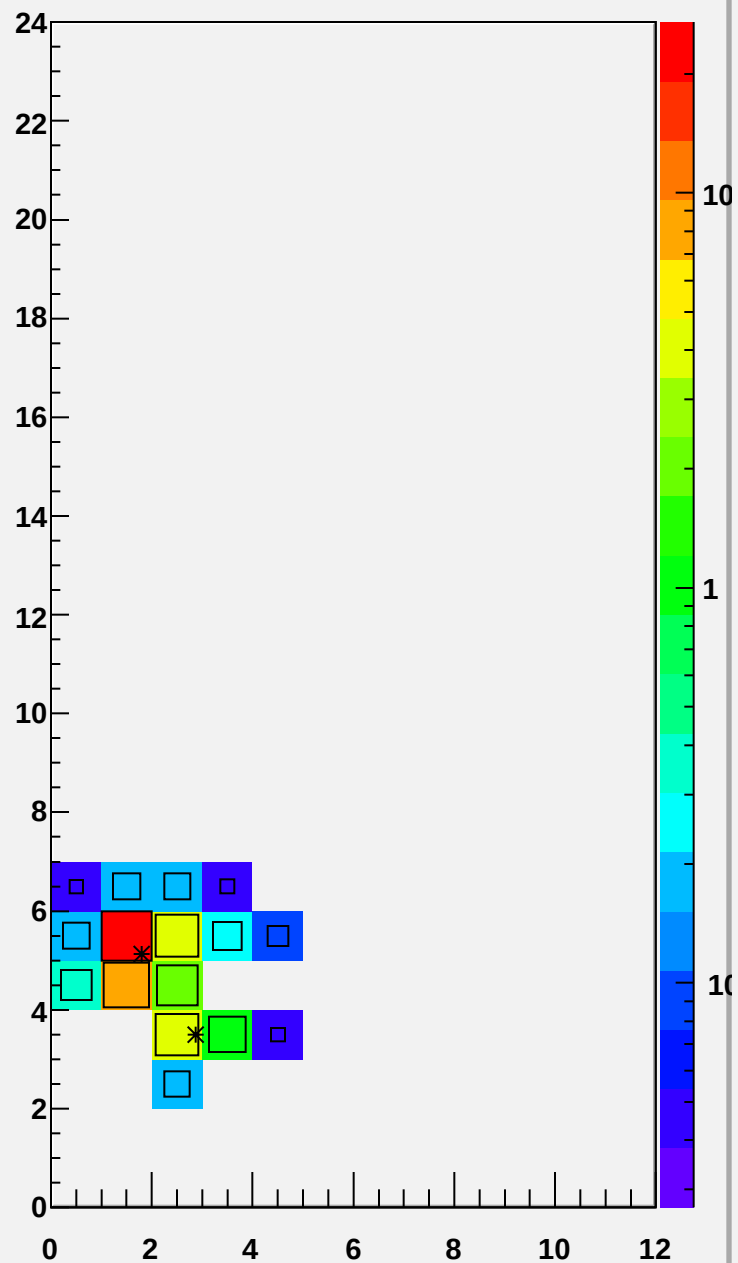
Fitted Energies



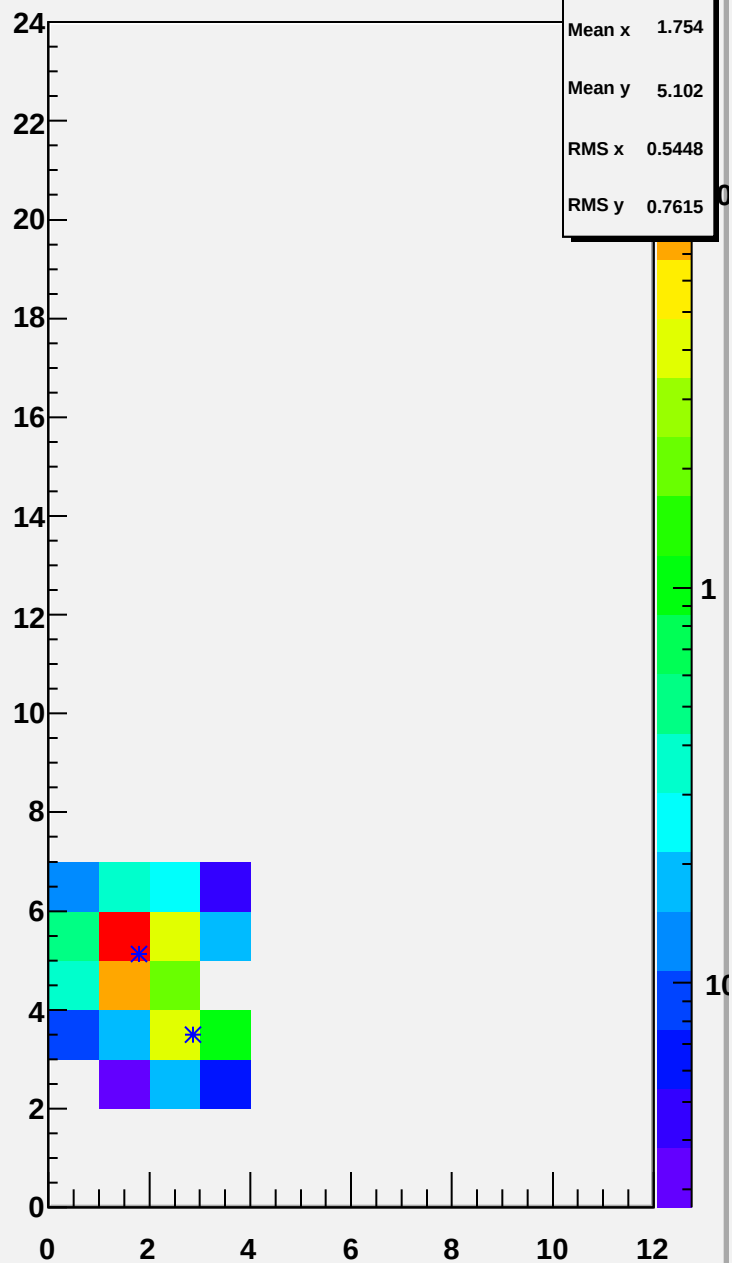
Efit

Entries	288
Mean x	1.777
Mean y	2.852
RMS x	0.6561
RMS y	0.643

NSTB3_r4_c3_En=46.8_m0=0.155 m1=0.155 index=219



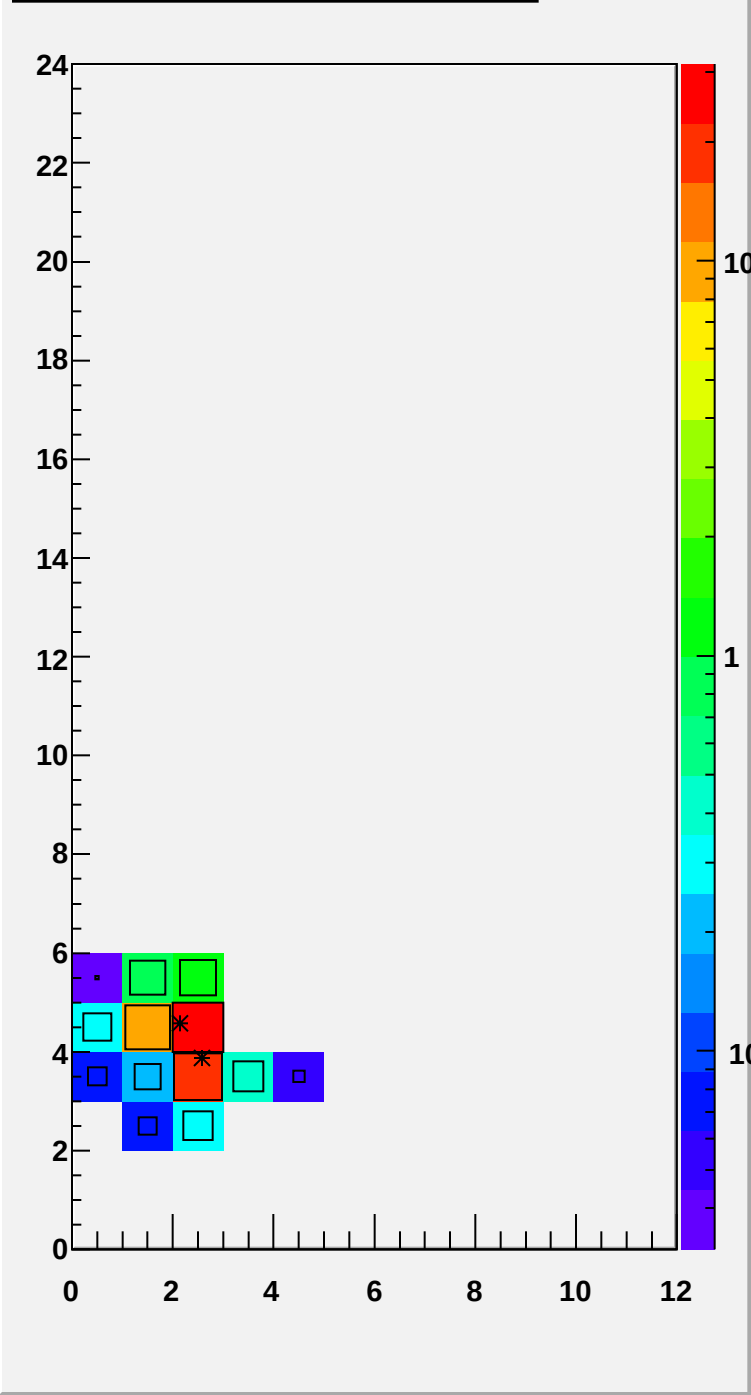
Fitted Energies



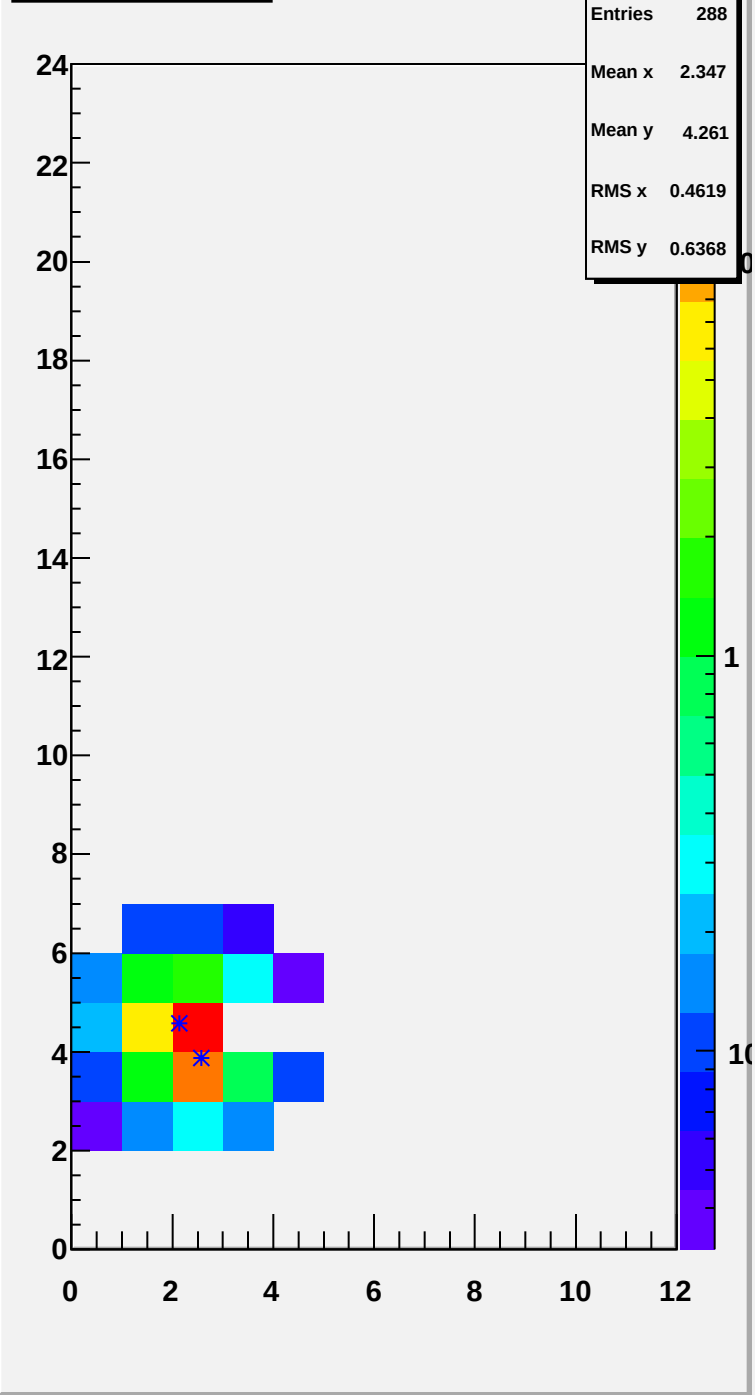
Efit

Entries	288
Mean x	1.754
Mean y	5.102
RMS x	0.5448
RMS y	0.7615

NSTB3_r4_c3_En=59.1_m0=0.130 m1=0.130 index=221



Fitted Energies



Efit

Entries	288

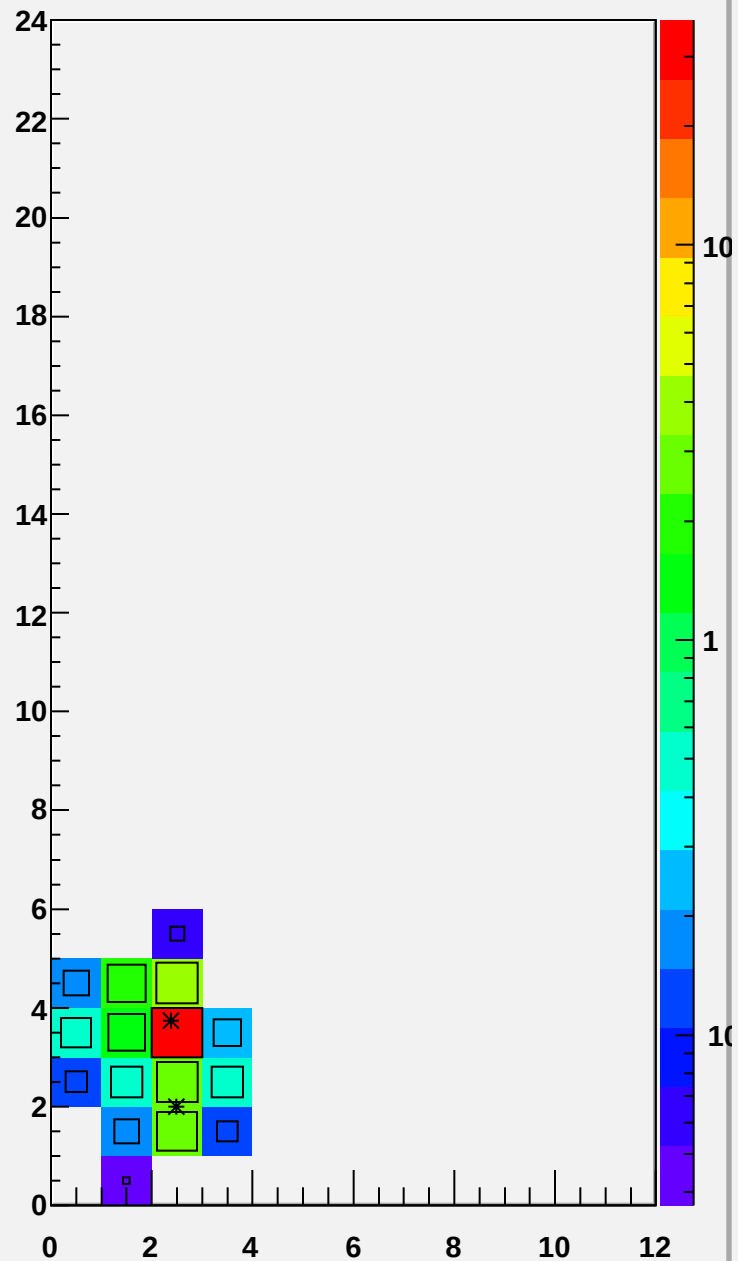
Mean x	2.347

[illegible]

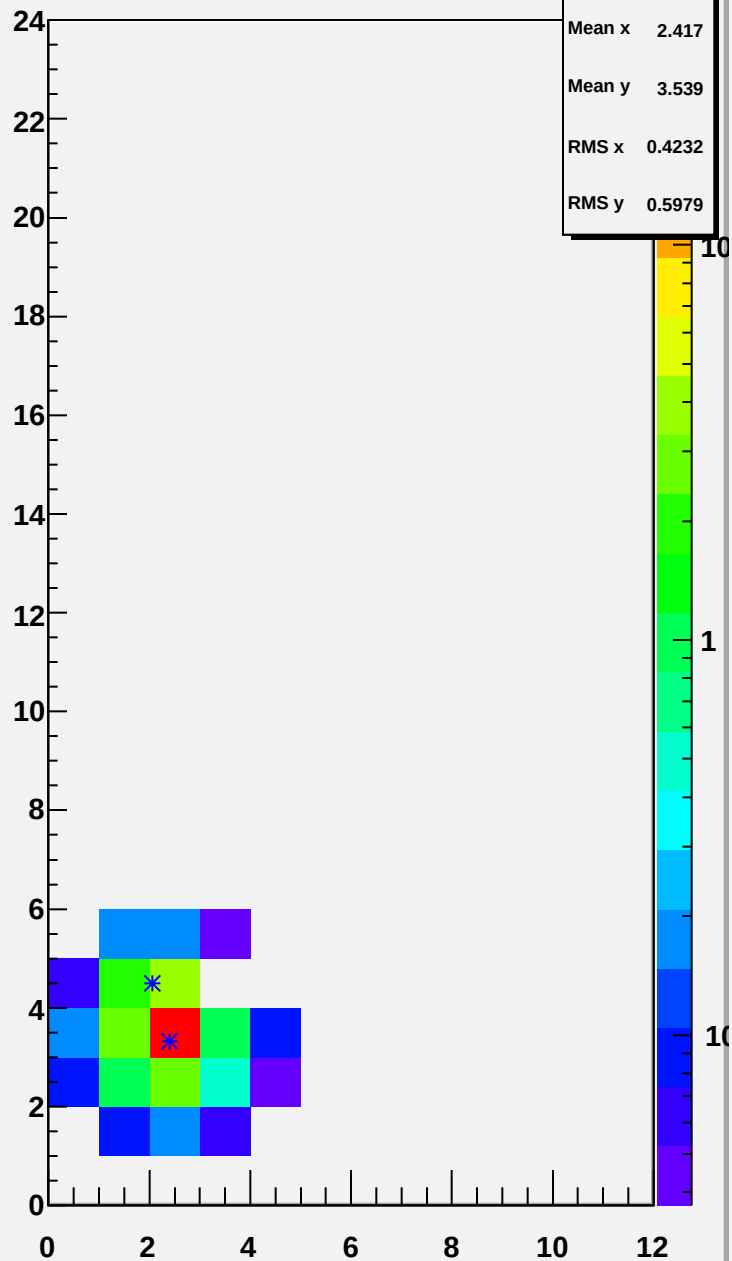
Mean y	4.261

RMS x 0.4619

NSTB3_r4_c3_En=53.2_m0=0.164_m1=-0.000_index=222



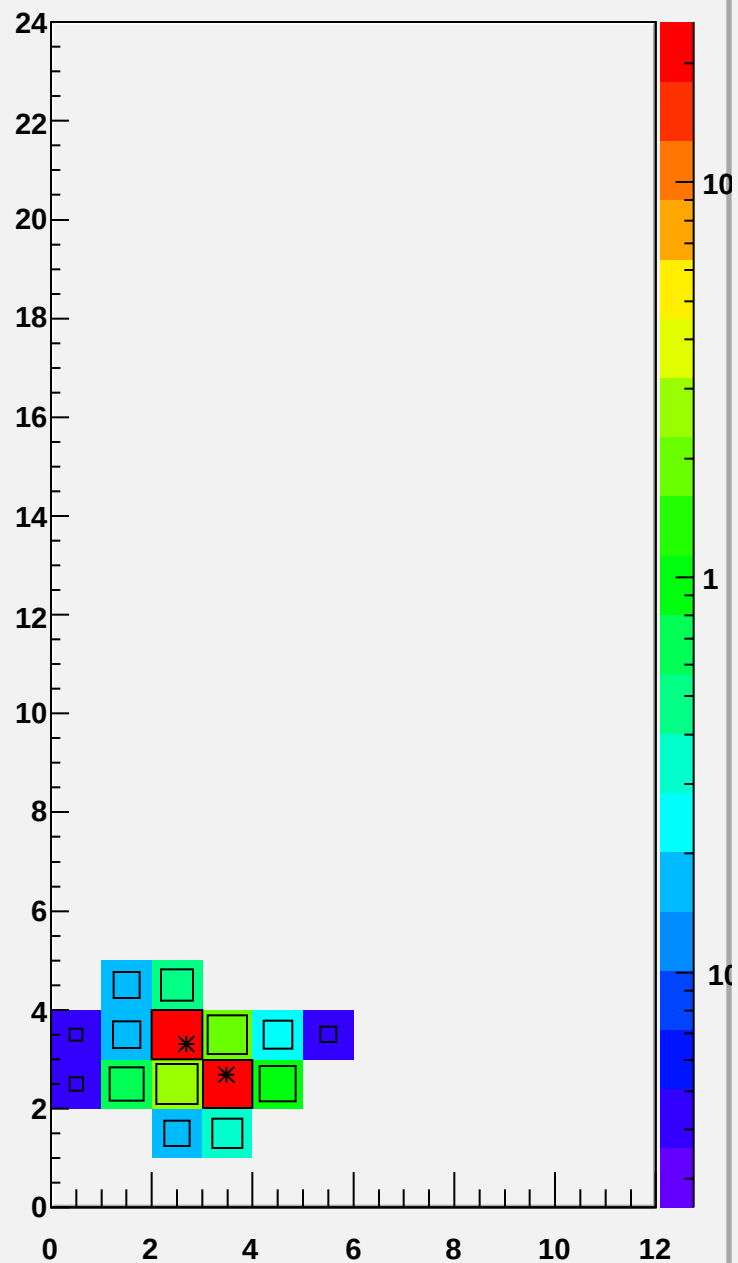
Fitted Energies



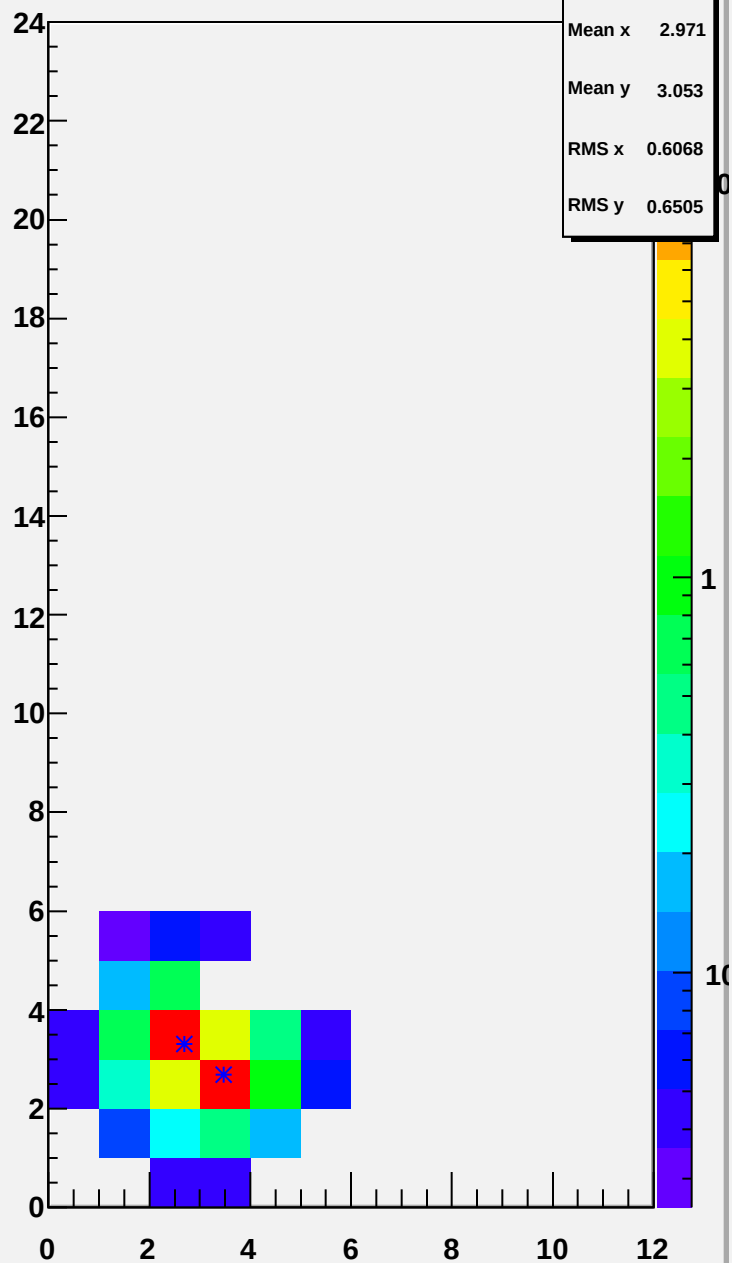
Efit

Entries	288
Mean x	2.417
Mean y	3.539
RMS x	0.4232
RMS y	0.5979

NSTB3_r4_c3_En=52.6_m0=0.157 m1=0.156 index=223



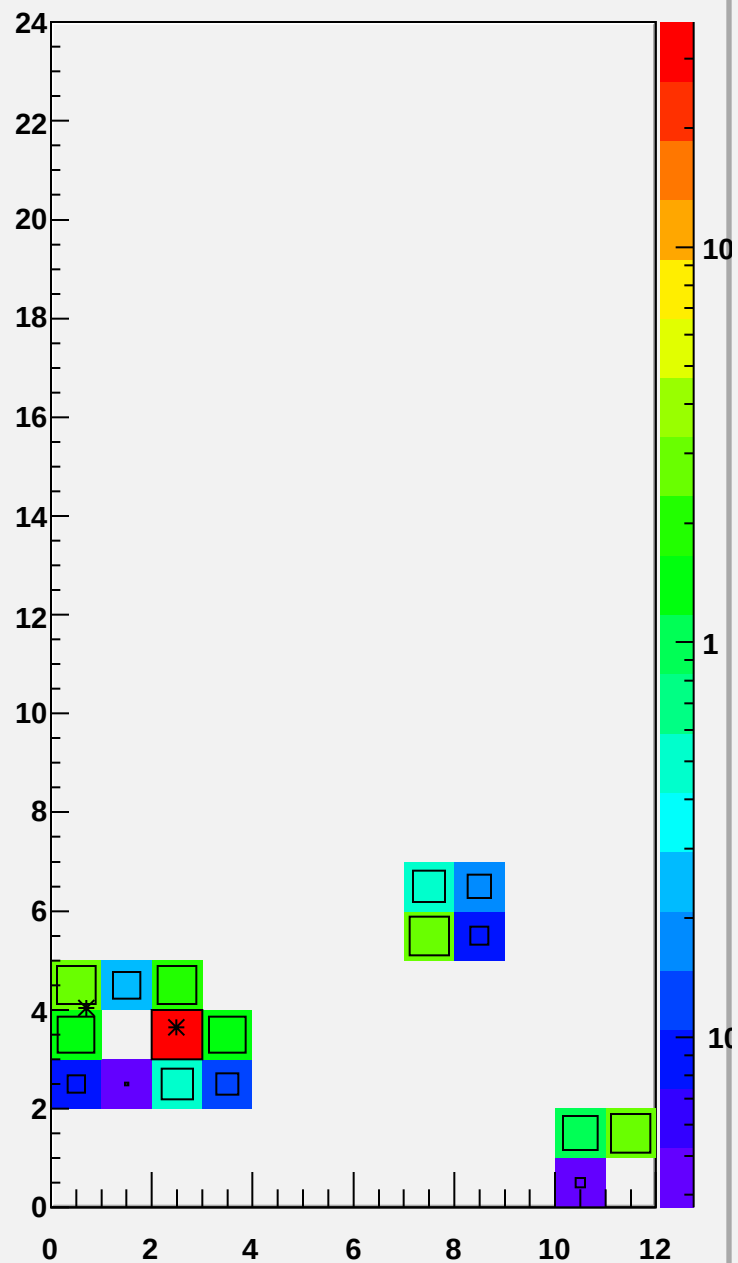
Fitted Energies



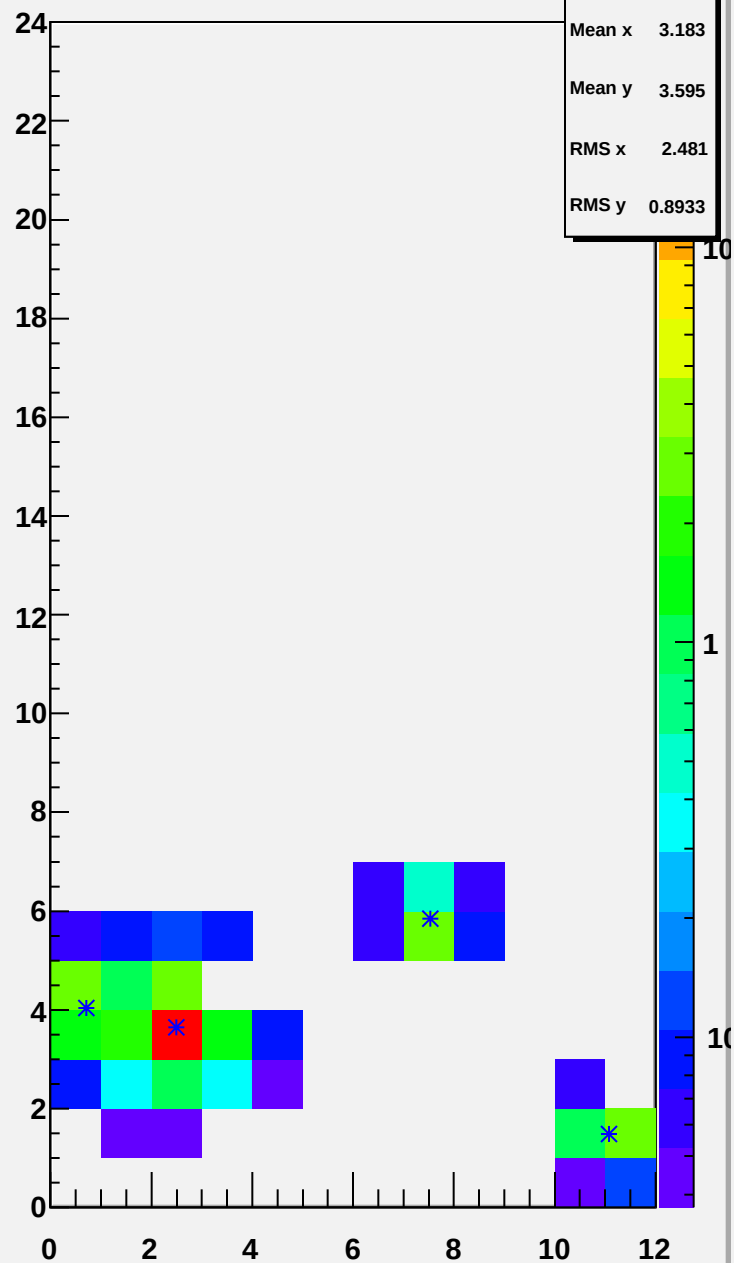
Efit

Entries	288
Mean x	2.971
Mean y	3.053
RMS x	0.6068
RMS y	0.6505

NSTB3_r4_c3_En=52.7_m0=0.145 m1=0.145 index=224



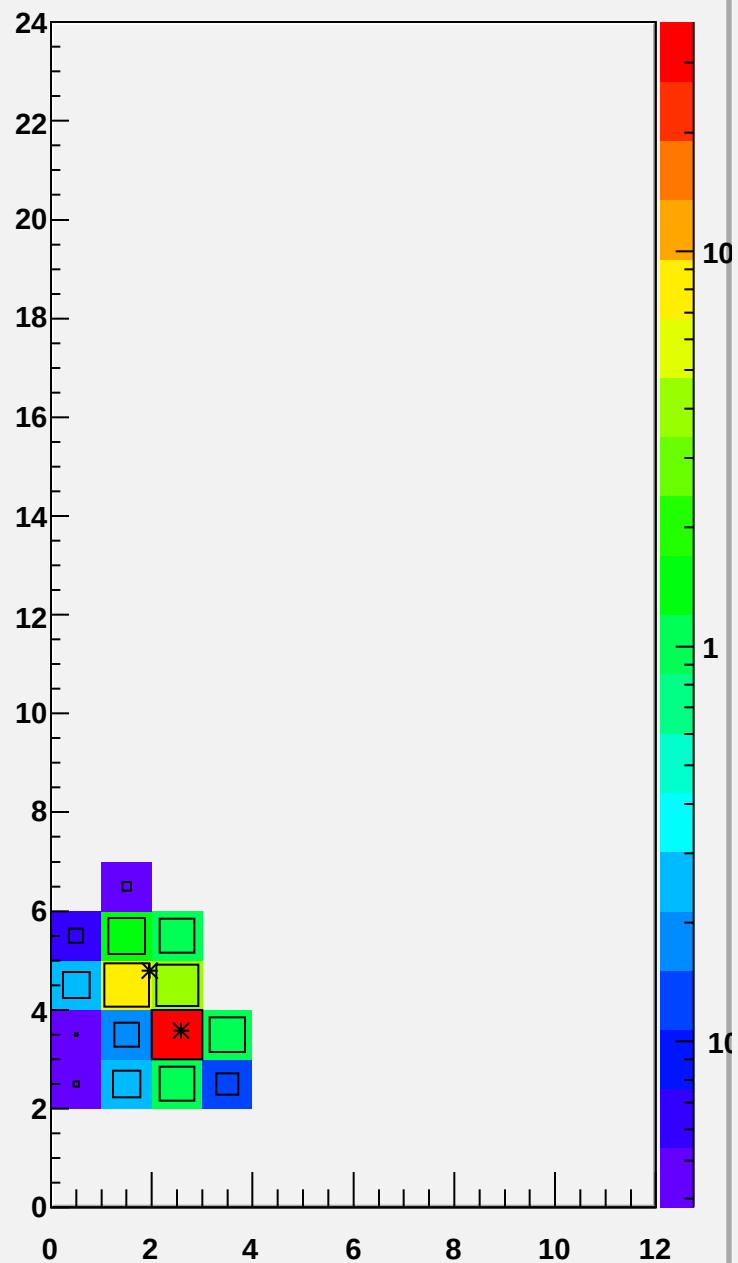
Fitted Energies



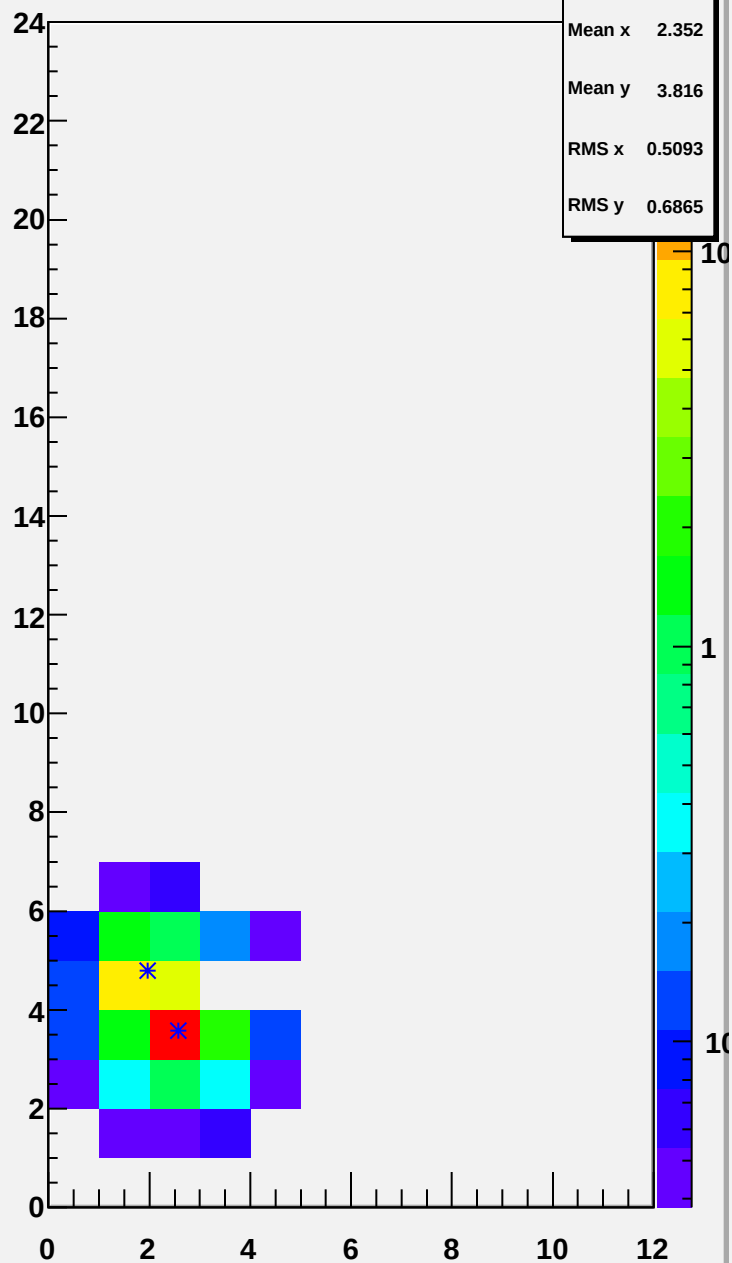
Efit

Entries	288
Mean x	3.183
Mean y	3.595
RMS x	2.481
RMS y	0.8933

NSTB3_r4_c3_En=56.2_m0=0.201 m1=0.201 index=225



Fitted Energies

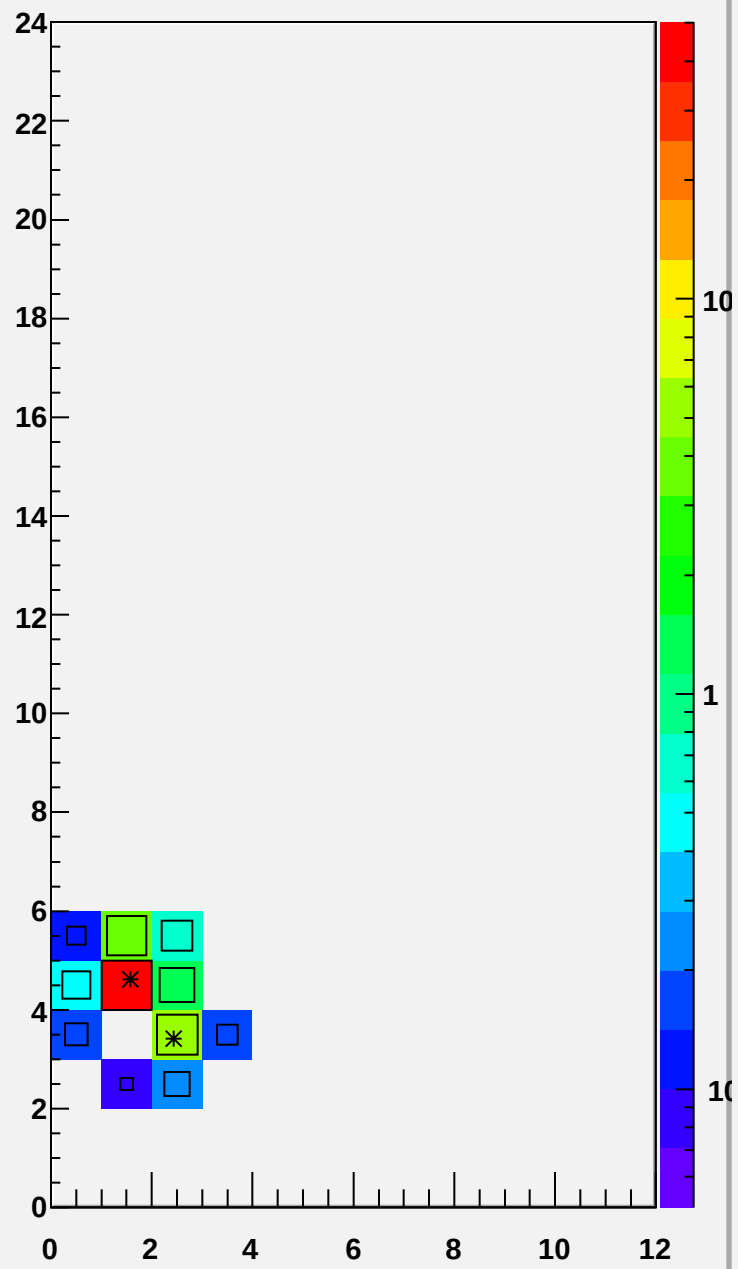


Efit

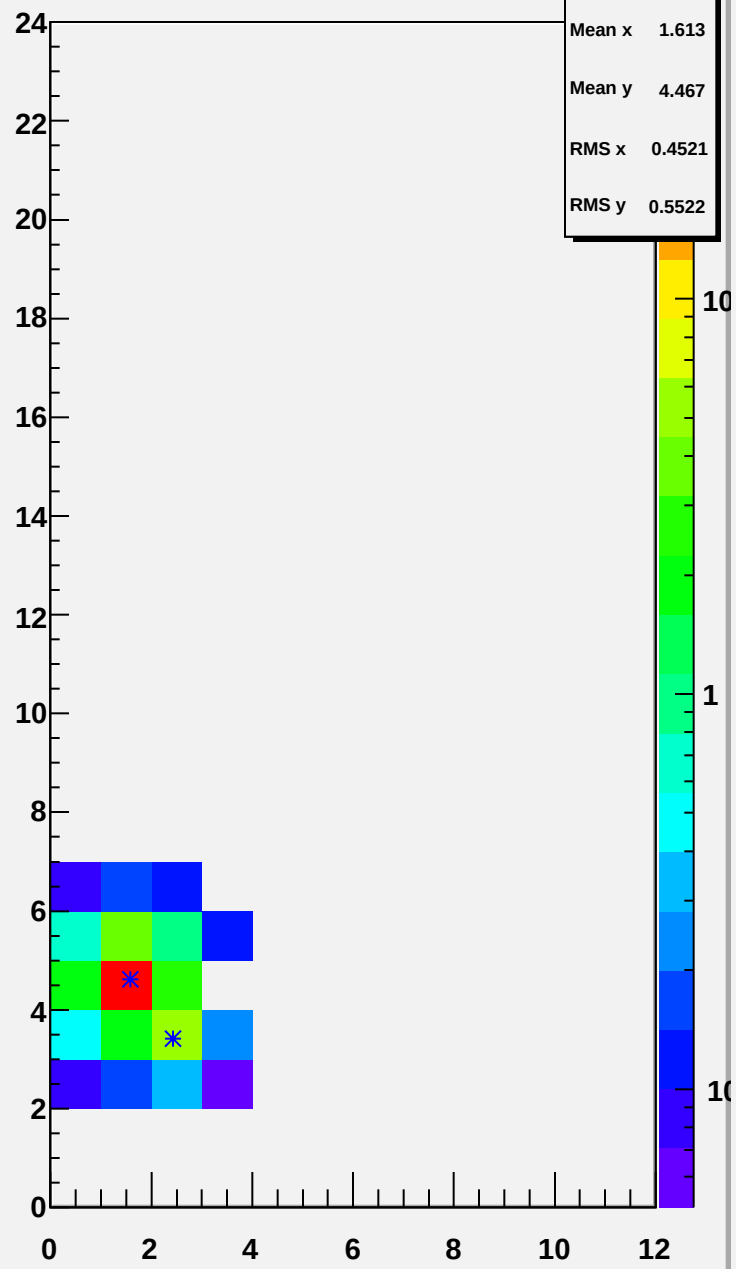
Entries	288
Mean x	2.352
Mean y	3.816
RMS x	0.5093
RMS y	0.6865

*

NSTB3_r4_c3_En=61.9_m0=0.150_m1=0.150_index=227



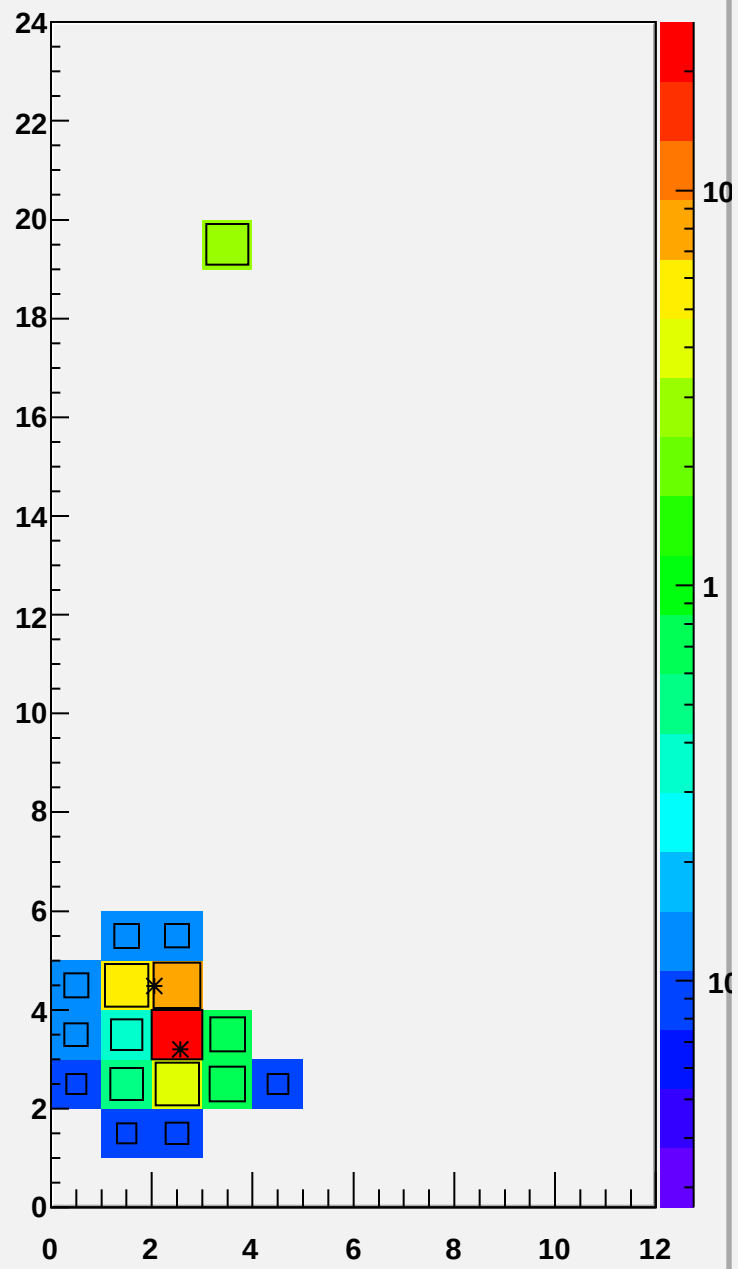
Fitted Energies



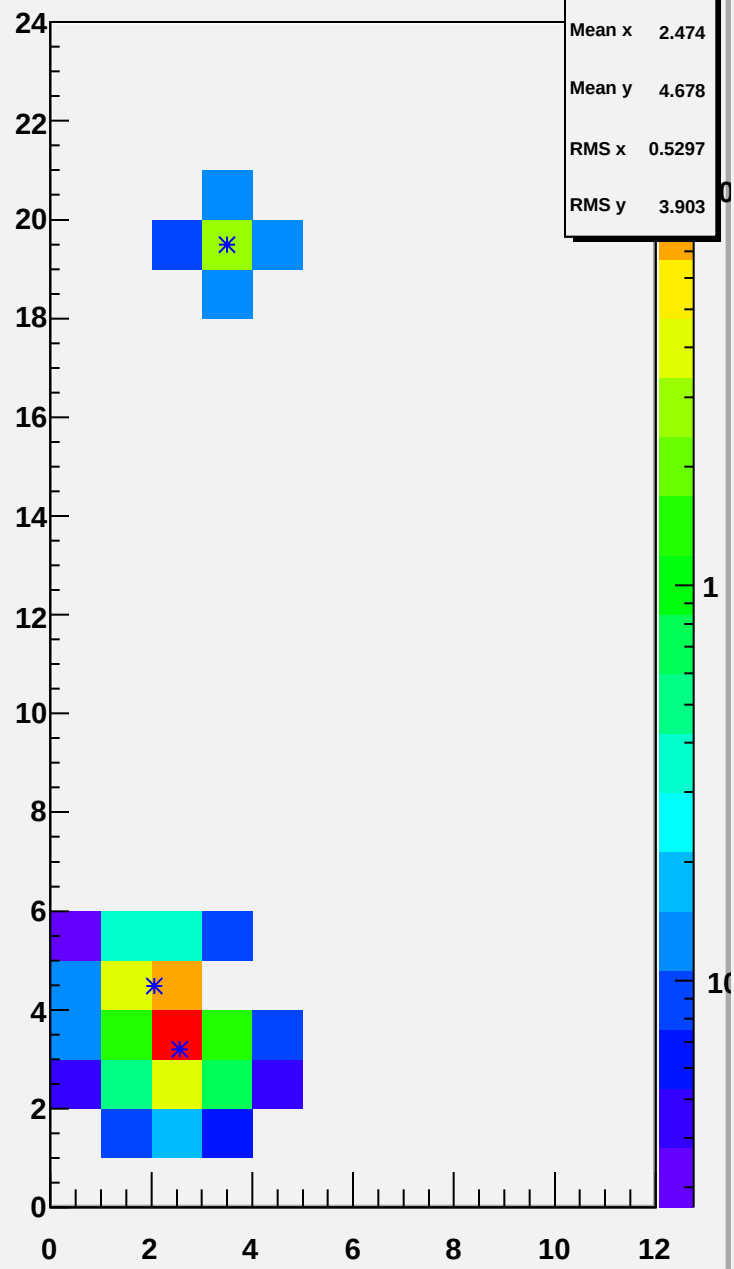
Efit

Entries	288
Mean x	1.613
Mean y	4.467
RMS x	0.4521
RMS y	0.5522

NSTB3_r4_c3_En=51.5_m0=0.169 m1=0.169 index=228



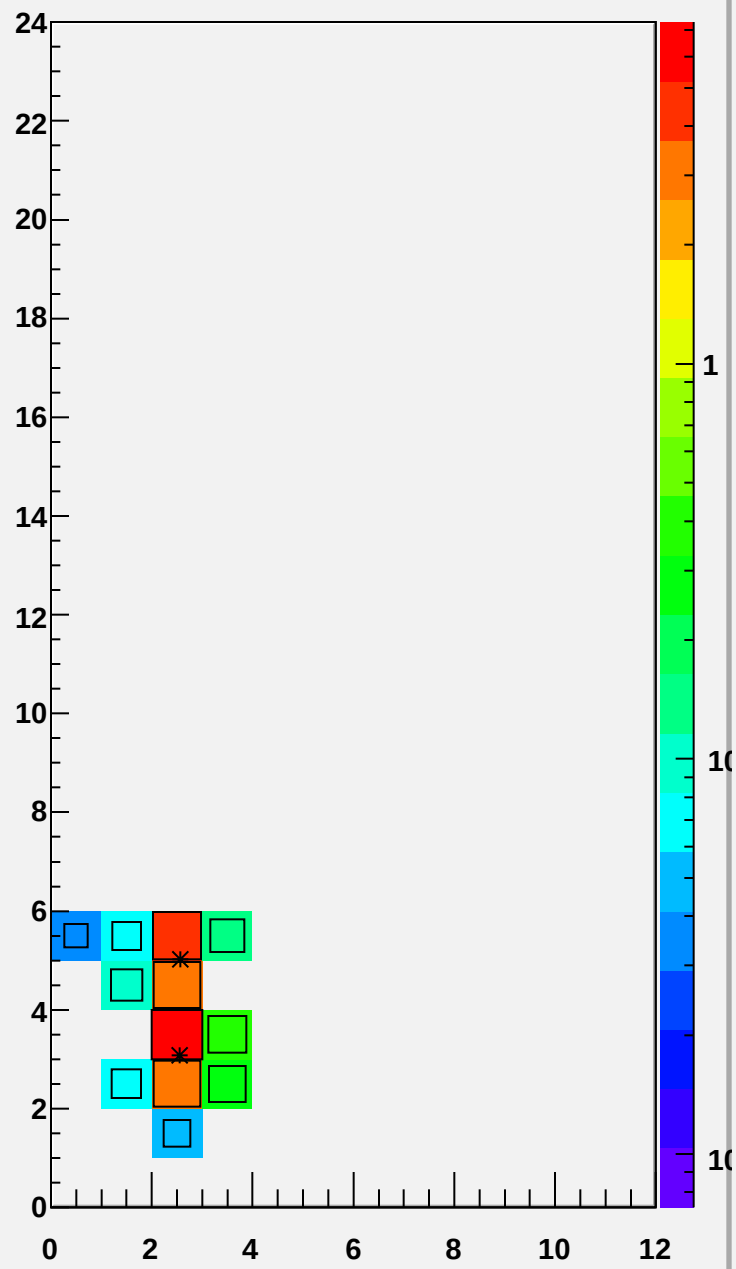
Fitted Energies



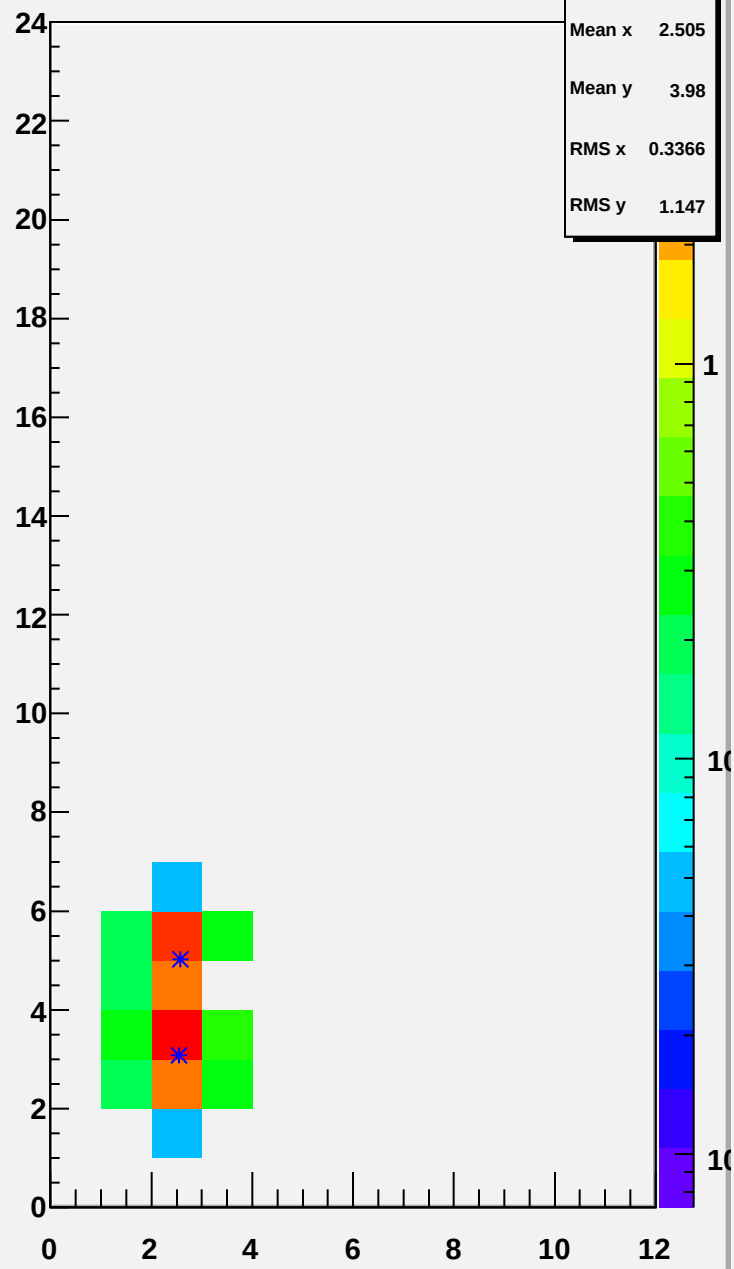
Efit

Entries	288
Mean x	2.474
Mean y	4.678
RMS x	0.5297
RMS y	3.903

NSTB3_r4_c3_En=18.2_m0=0.103 m1=0.103 index=229



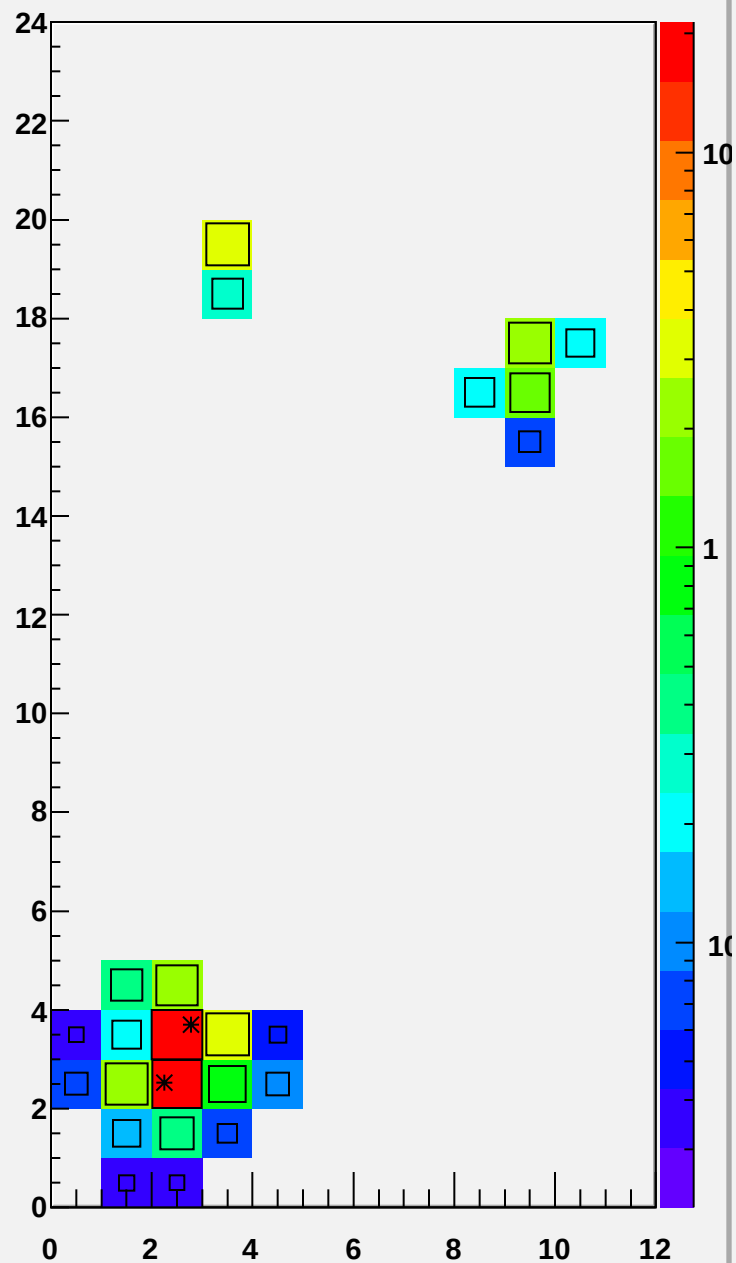
Fitted Energies



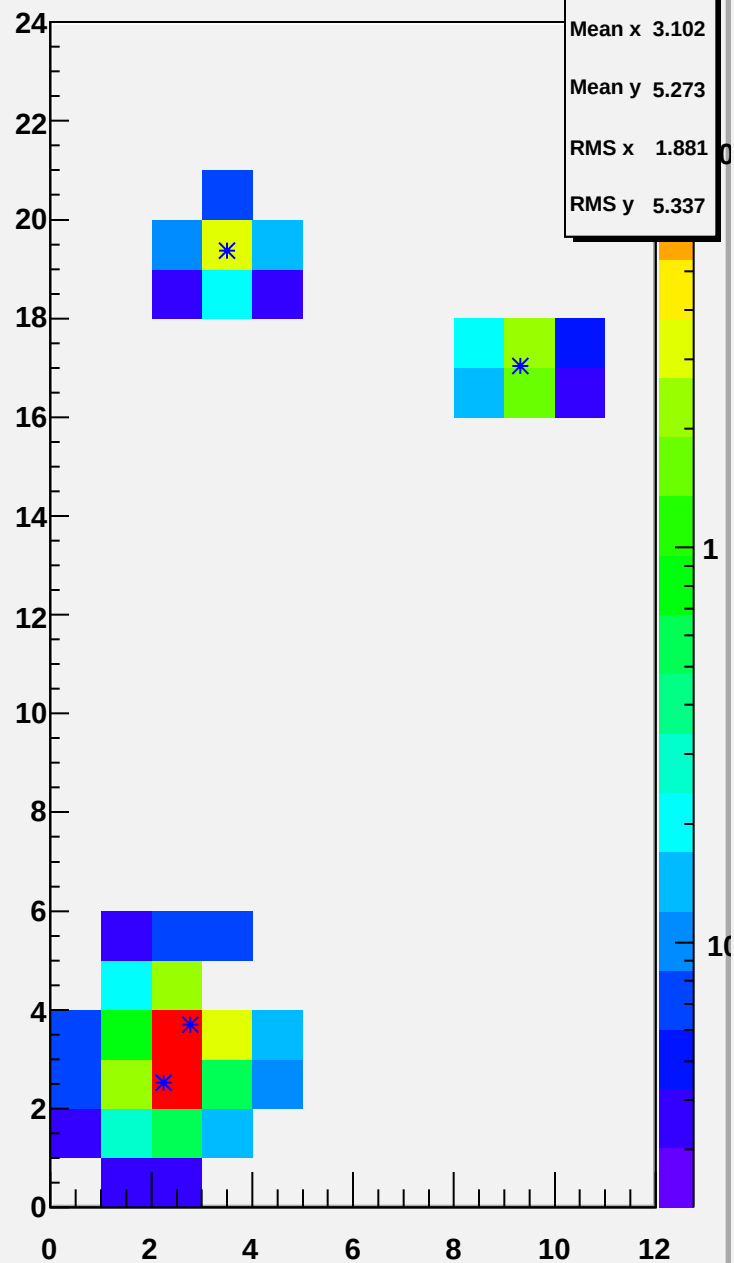
Efit

Entries	288
Mean x	2.505
Mean y	3.98
RMS x	0.3366
RMS y	1.147

NSTB3_r4_c3_En=54.6_m0=0.166 m1=0.166 index=230



Fitted Energies



Efit

Entries 288

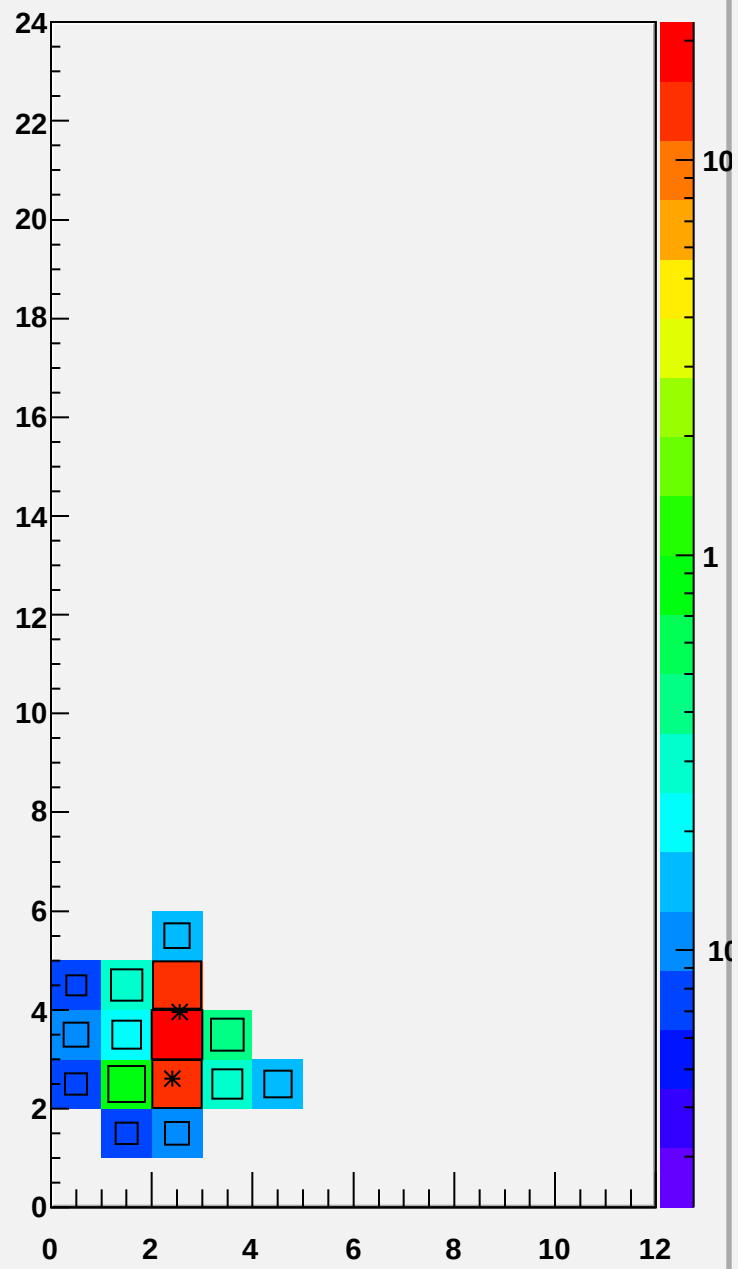
Mean x 3.102

Mean y 5.273

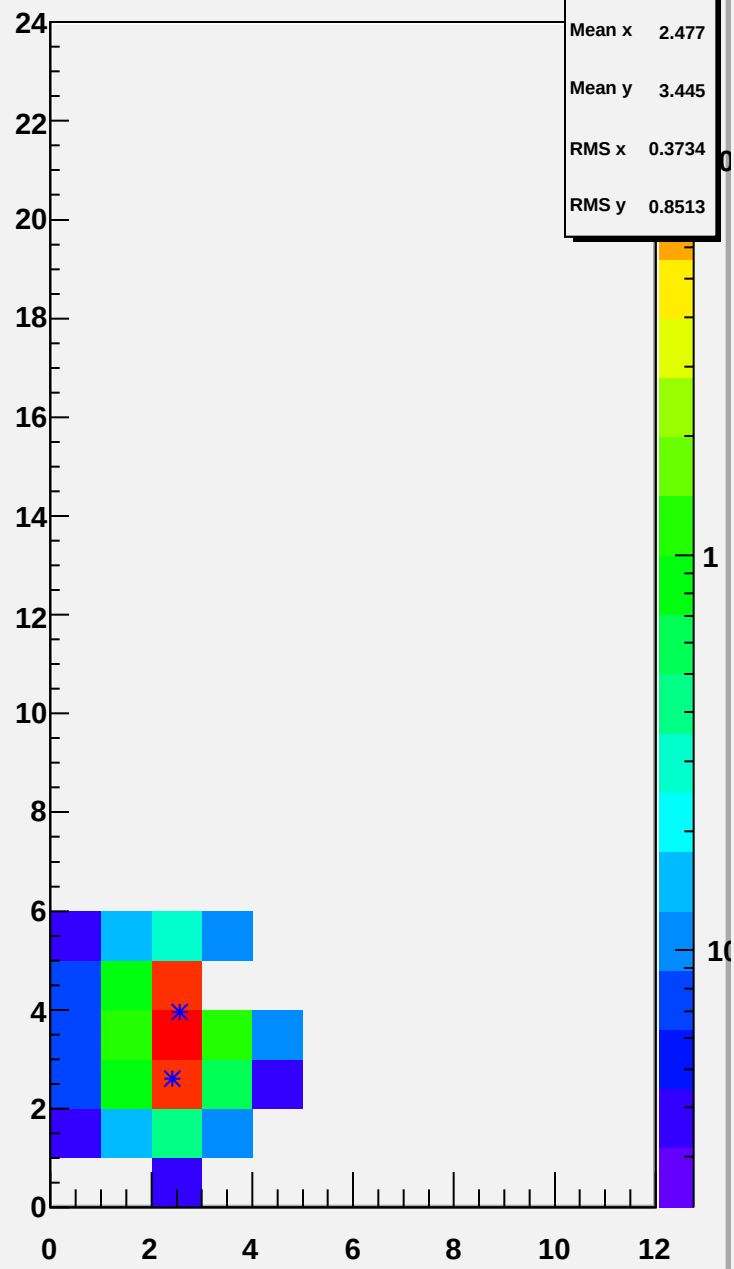
RMS x 1.881

RMS y 5.337

NSTB3_r4_c3_En=53.4_m0=0.190 m1=0.190 index=231



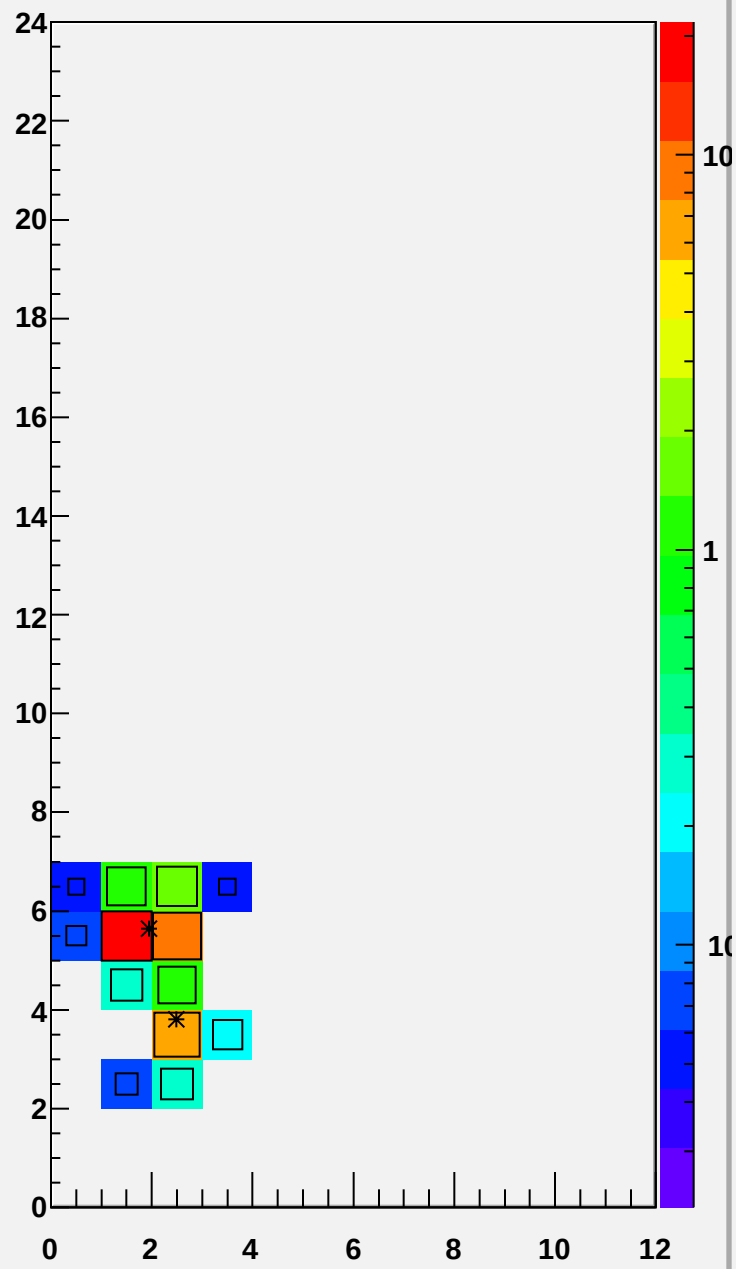
Fitted Energies



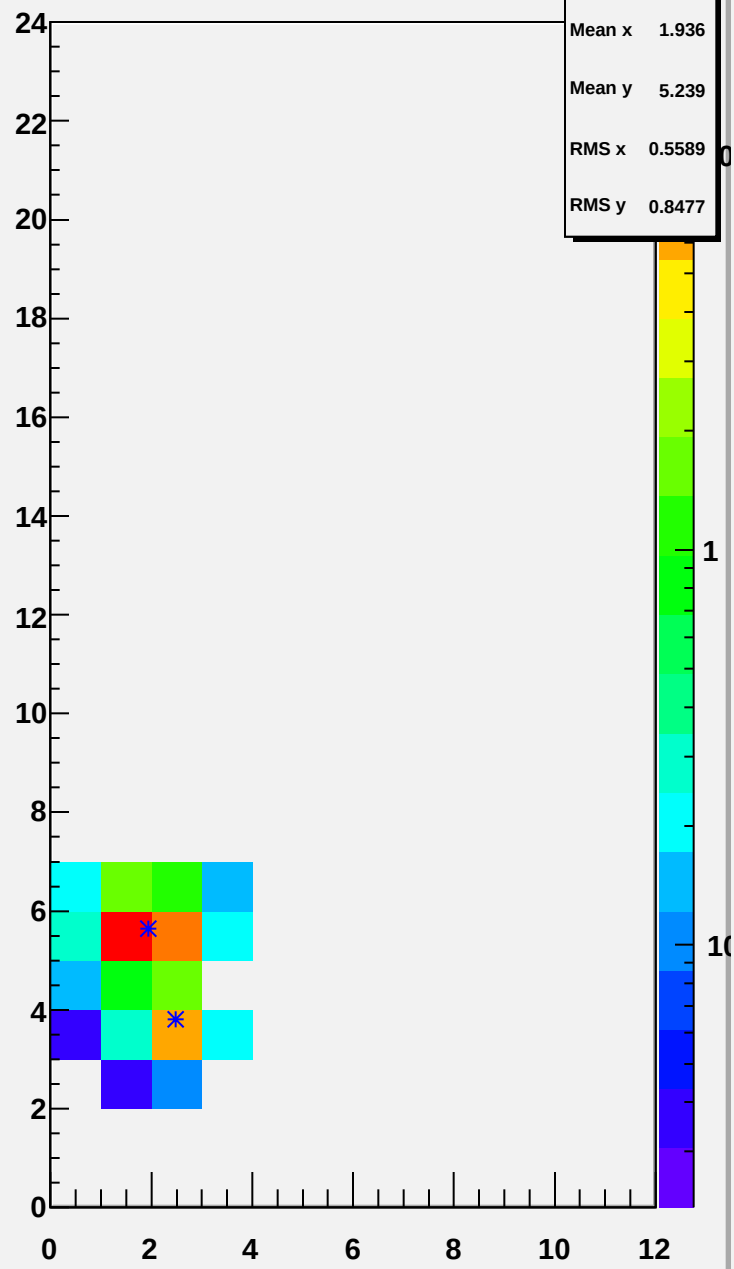
Efit

Entries	288
Mean x	2.477
Mean y	3.445
RMS x	0.3734
RMS y	0.8513

NSTB3_r4_c3_En=42.5_m0=0.175_m1=0.176_index=232



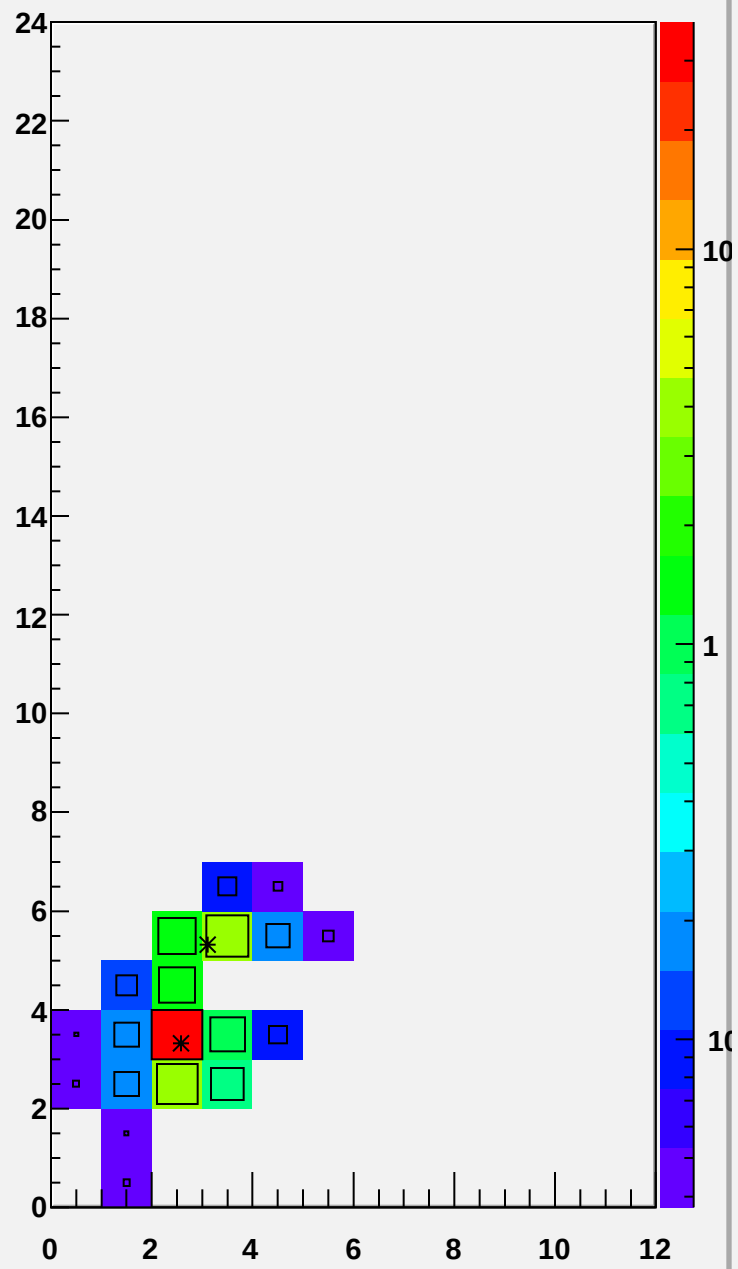
Fitted Energies



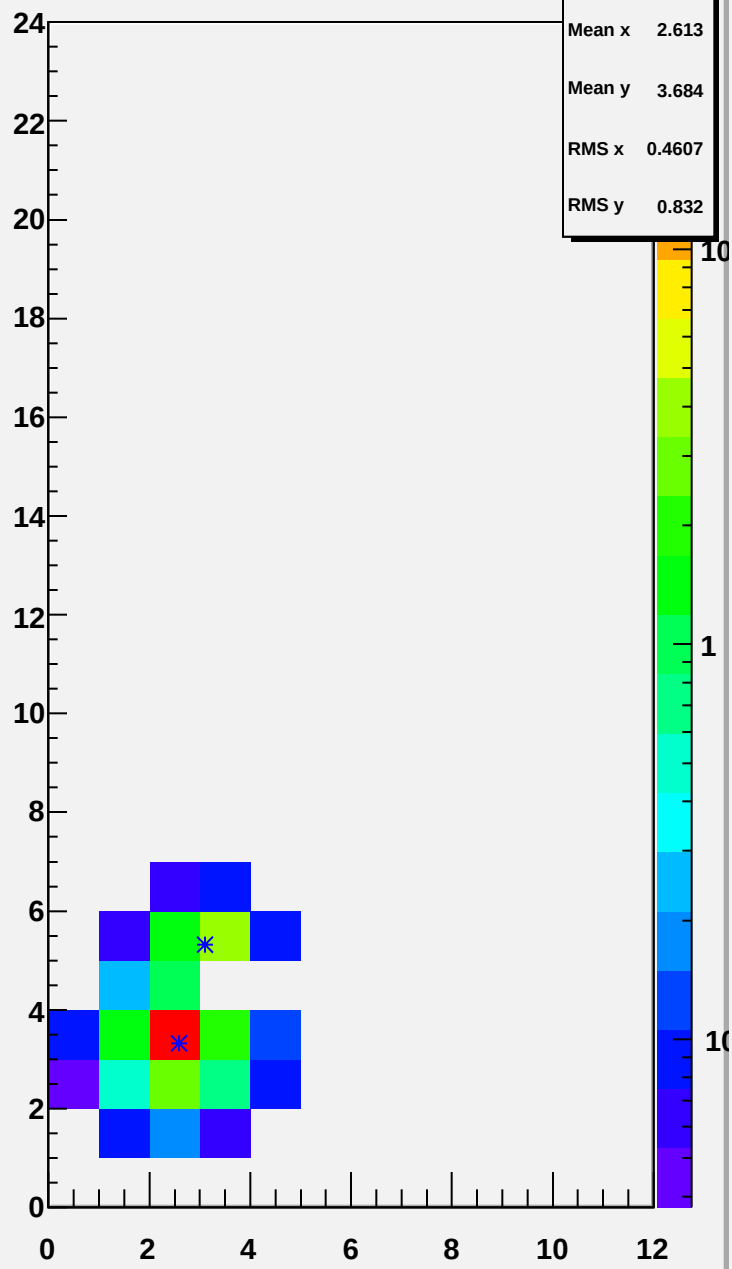
Efit

Entries	288
Mean x	1.936
Mean y	5.239
RMS x	0.5589
RMS y	0.8477

NSTB3_r4_c3_En=51.1_m0=0.207 m1=0.207 index=234



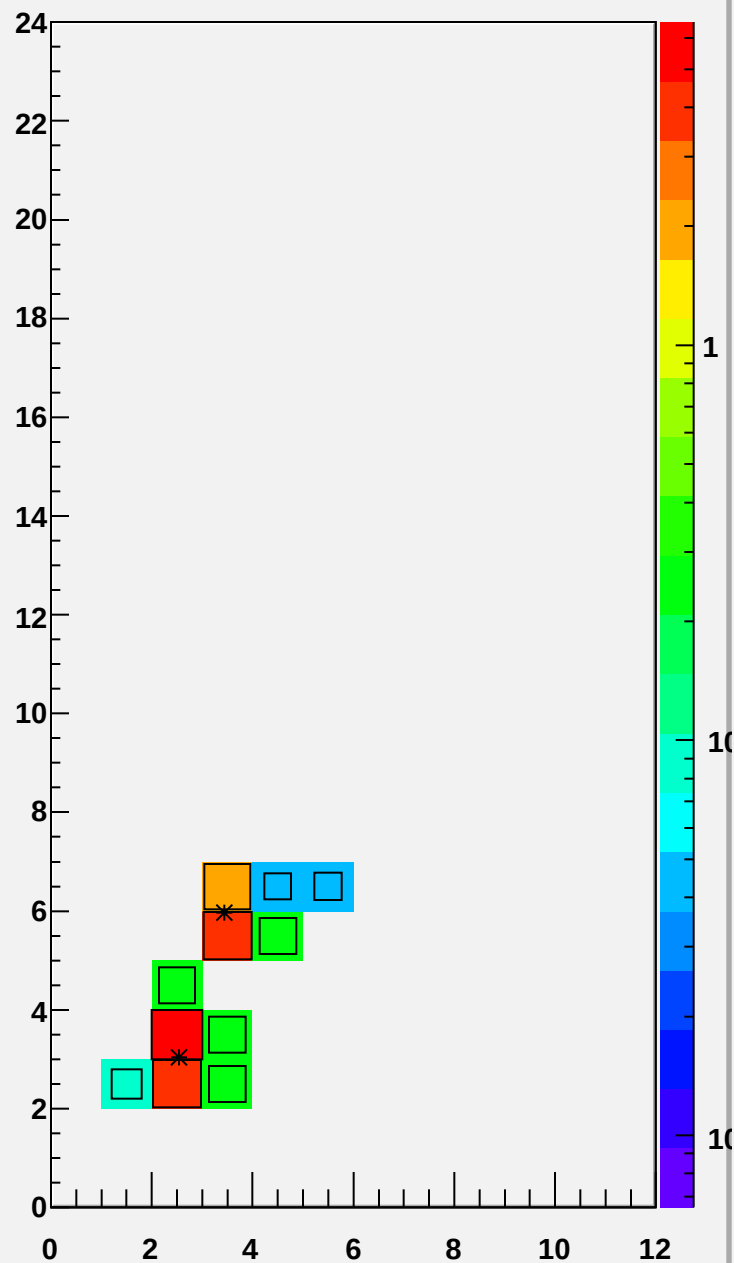
Fitted Energies



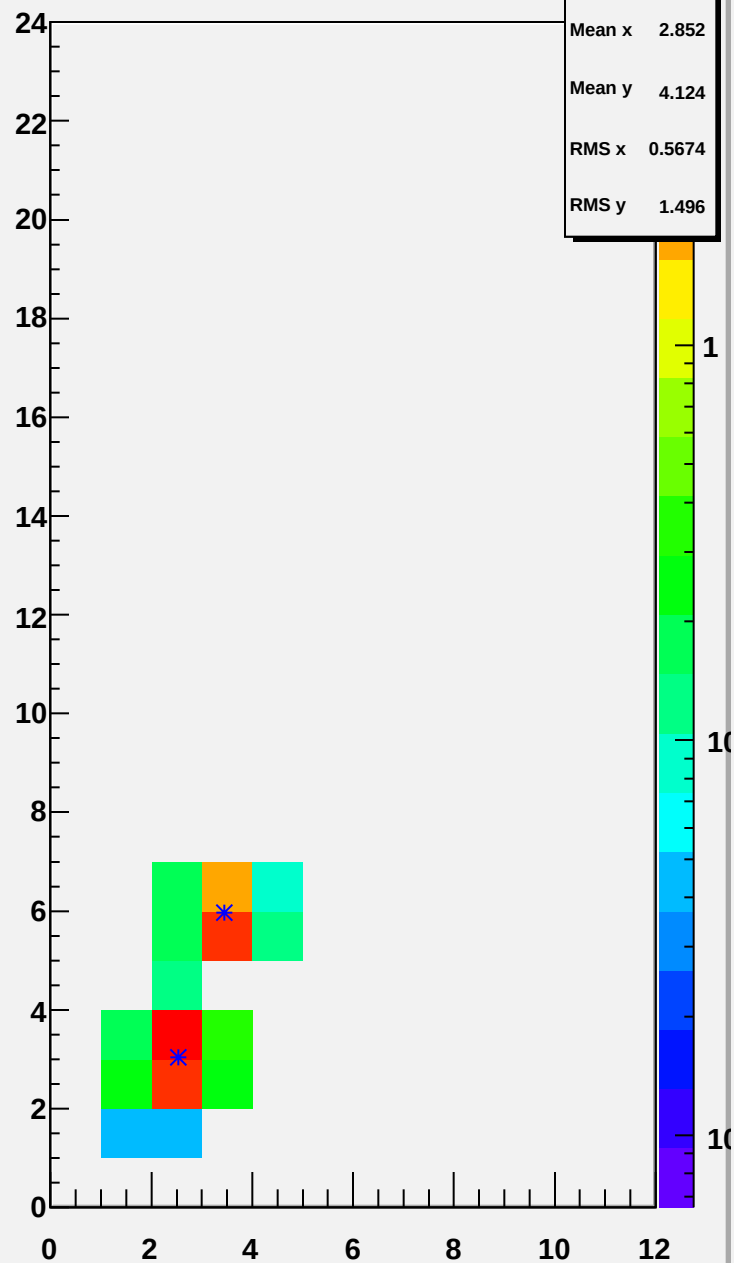
Efit

Entries	288
Mean x	2.613
Mean y	3.684
RMS x	0.4607
RMS y	0.832

NSTB3_r4_c3_En=17.4_m0=0.152 m1=0.152 index=235



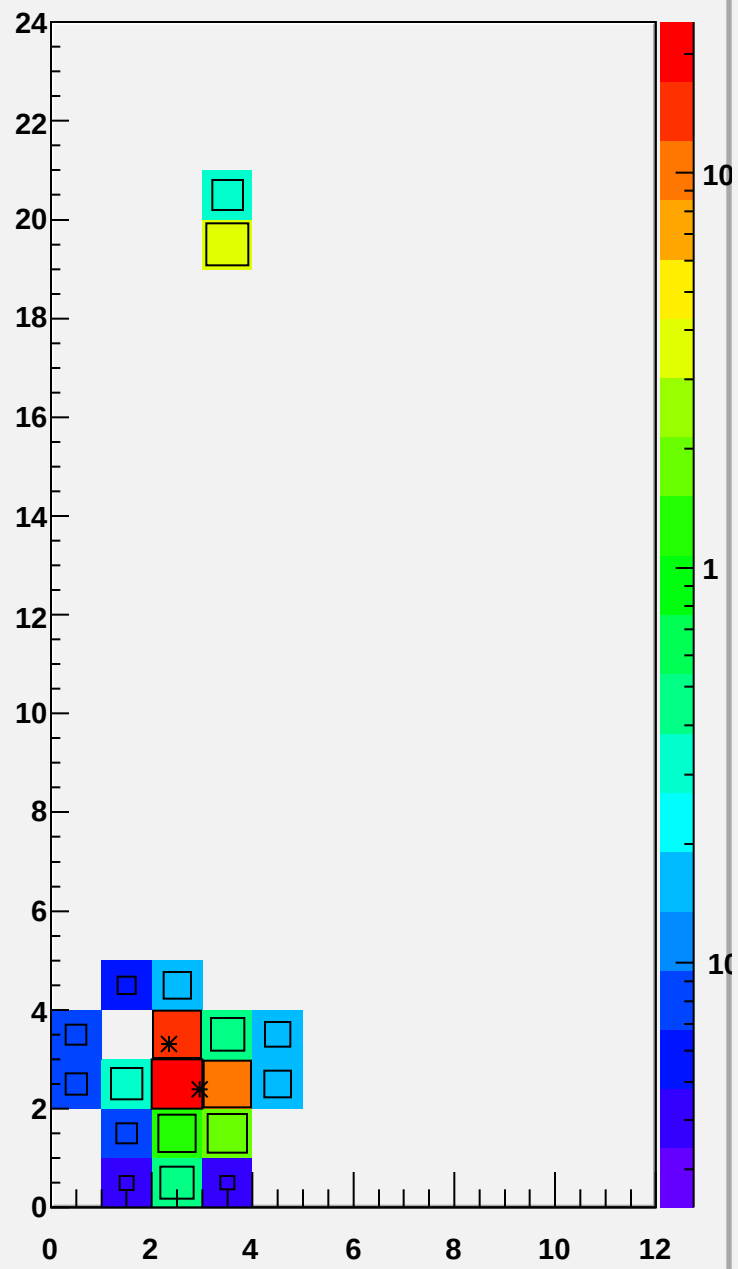
Fitted Energies



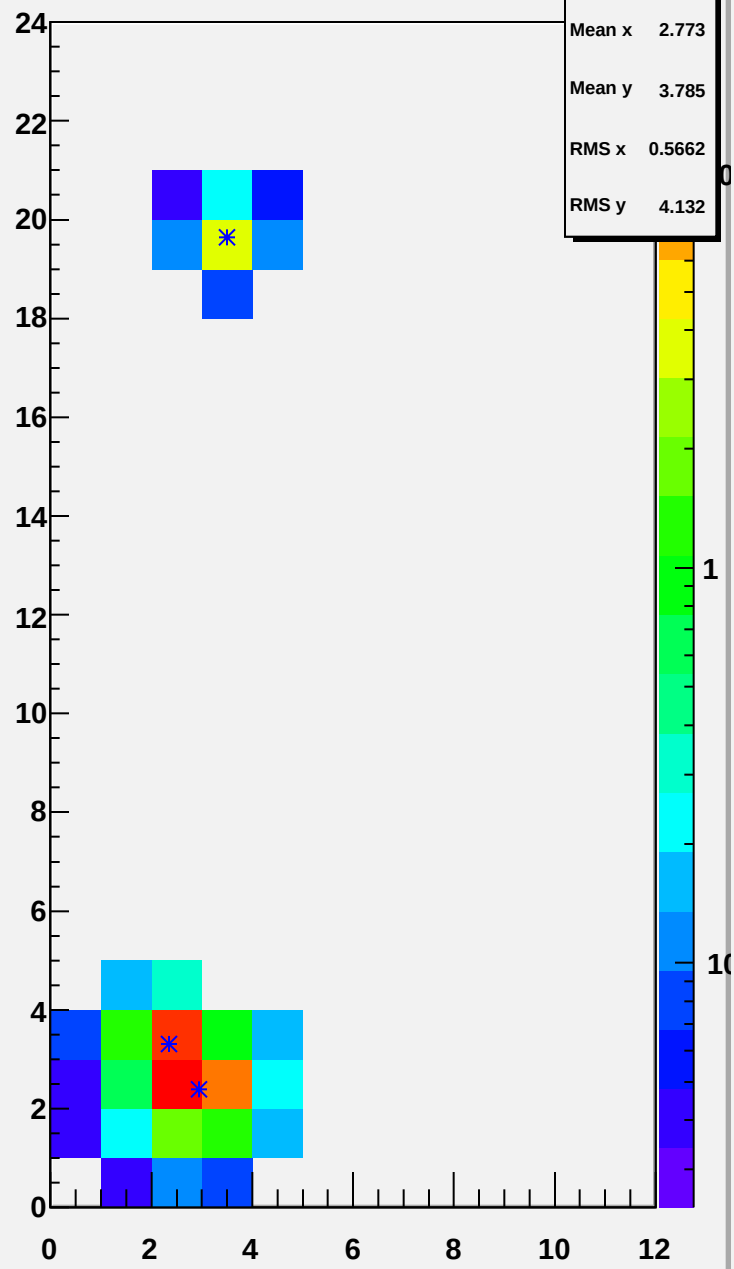
Efit

Entries	288
Mean x	2.852
Mean y	4.124
RMS x	0.5674
RMS y	1.496

NSTB3_r4_c3_En=57.2_m0=0.147 m1=0.148 index=236



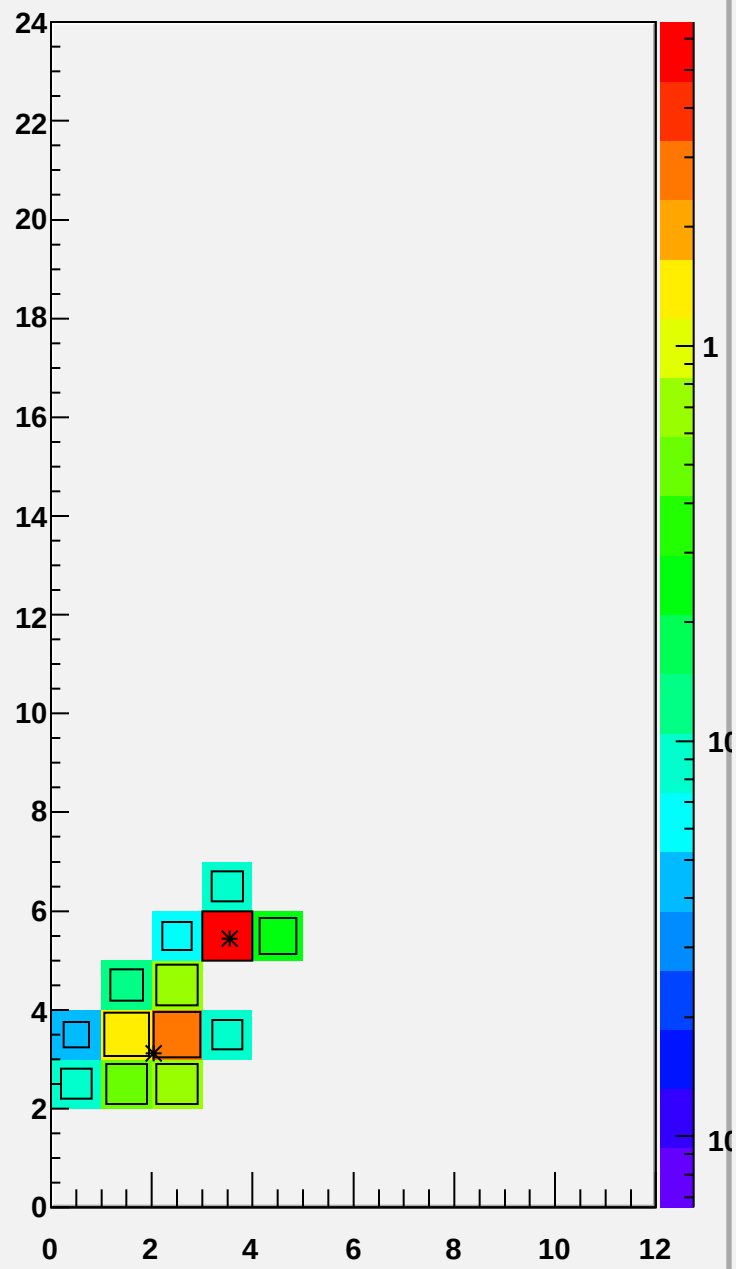
Fitted Energies



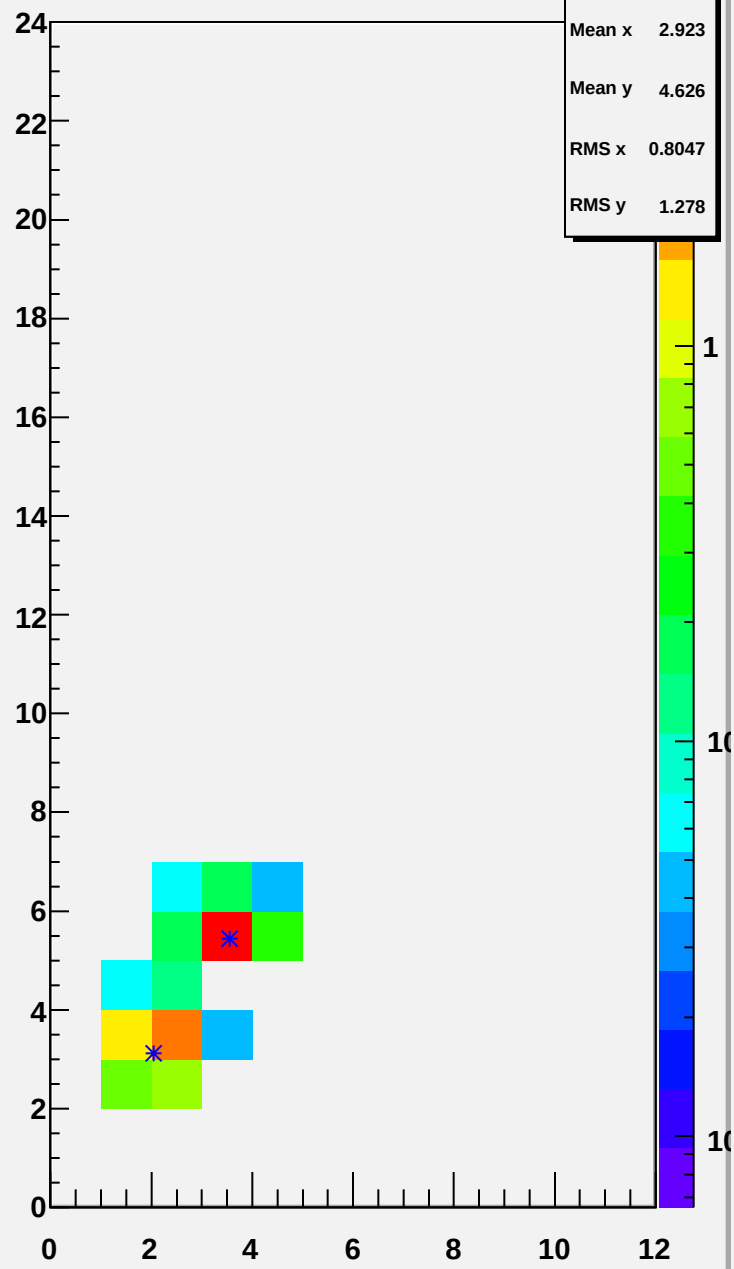
Efit

Entries	288
Mean x	2.773
Mean y	3.785
RMS x	0.5662
RMS y	4.132

NSTB3_r4_c3_En=13.1_m0=0.098 m1=0.098 index=237



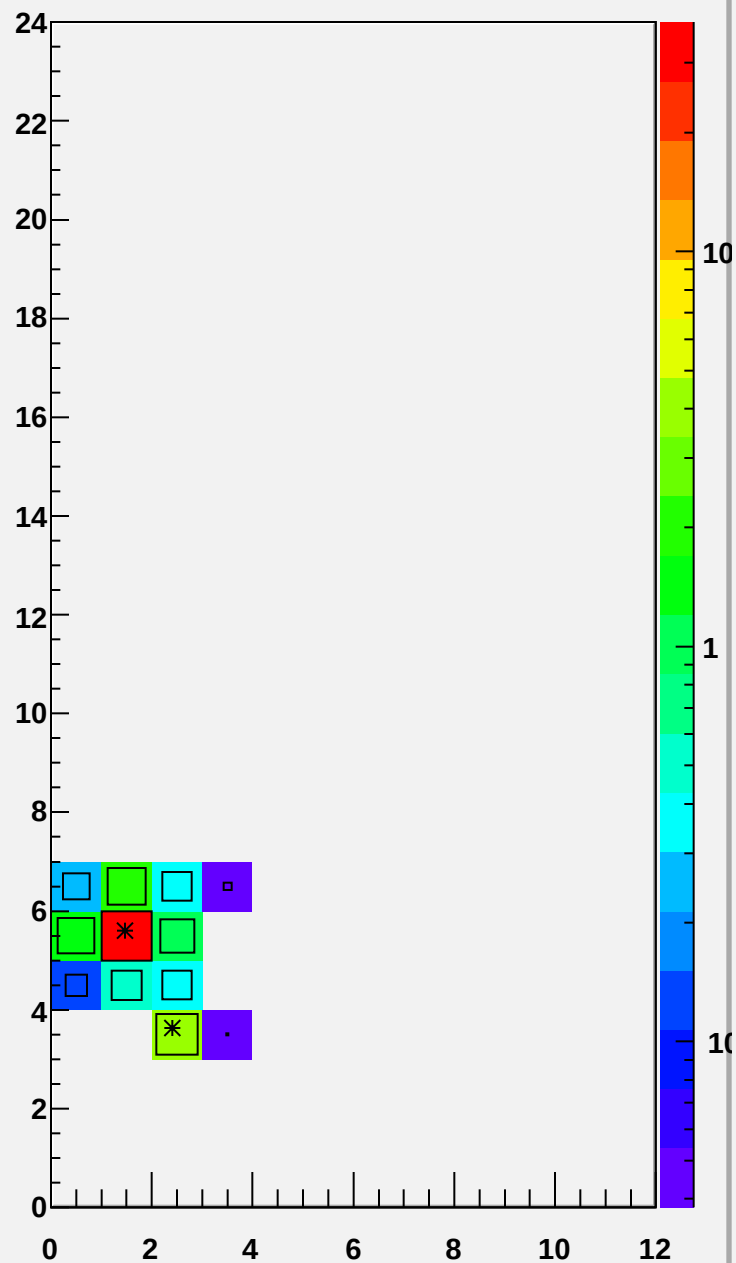
Fitted Energies



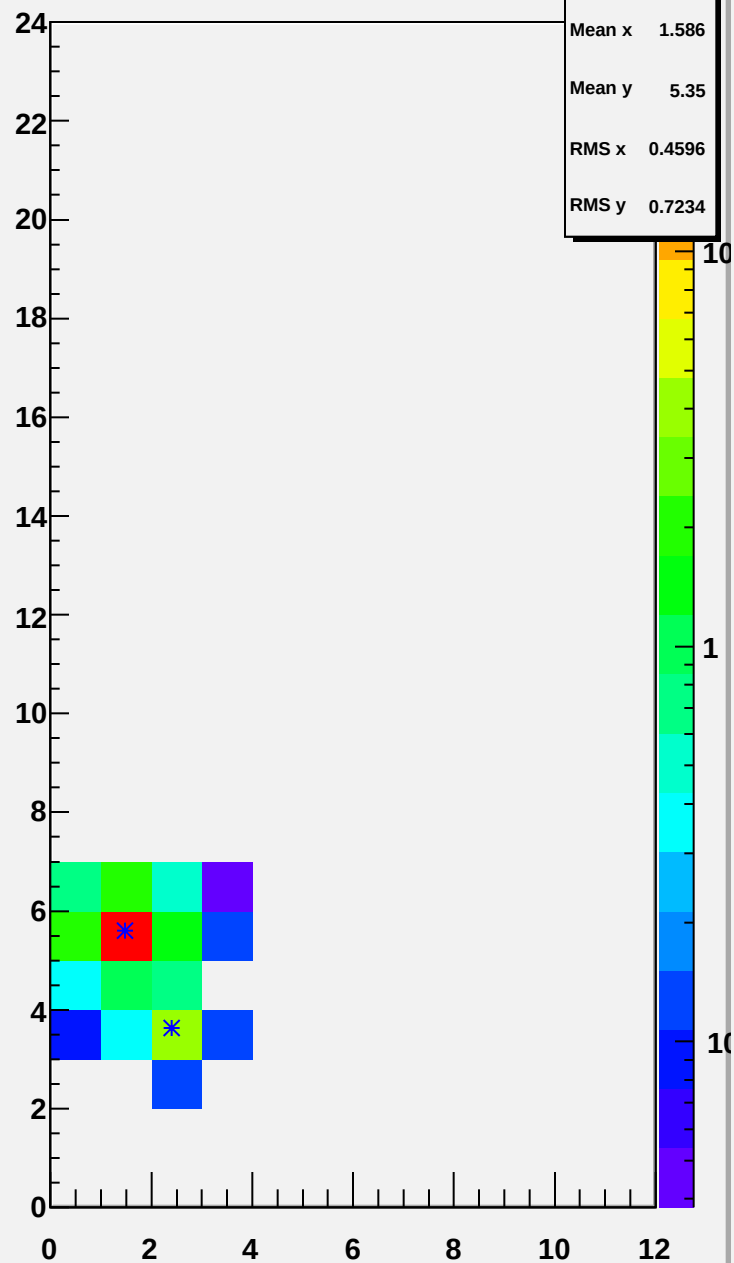
Efit

Entries	288
Mean x	2.923
Mean y	4.626
RMS x	0.8047
RMS y	1.278

NSTB3_r4_c3_En=48.0_m0=0.181_m1=0.182_index=238



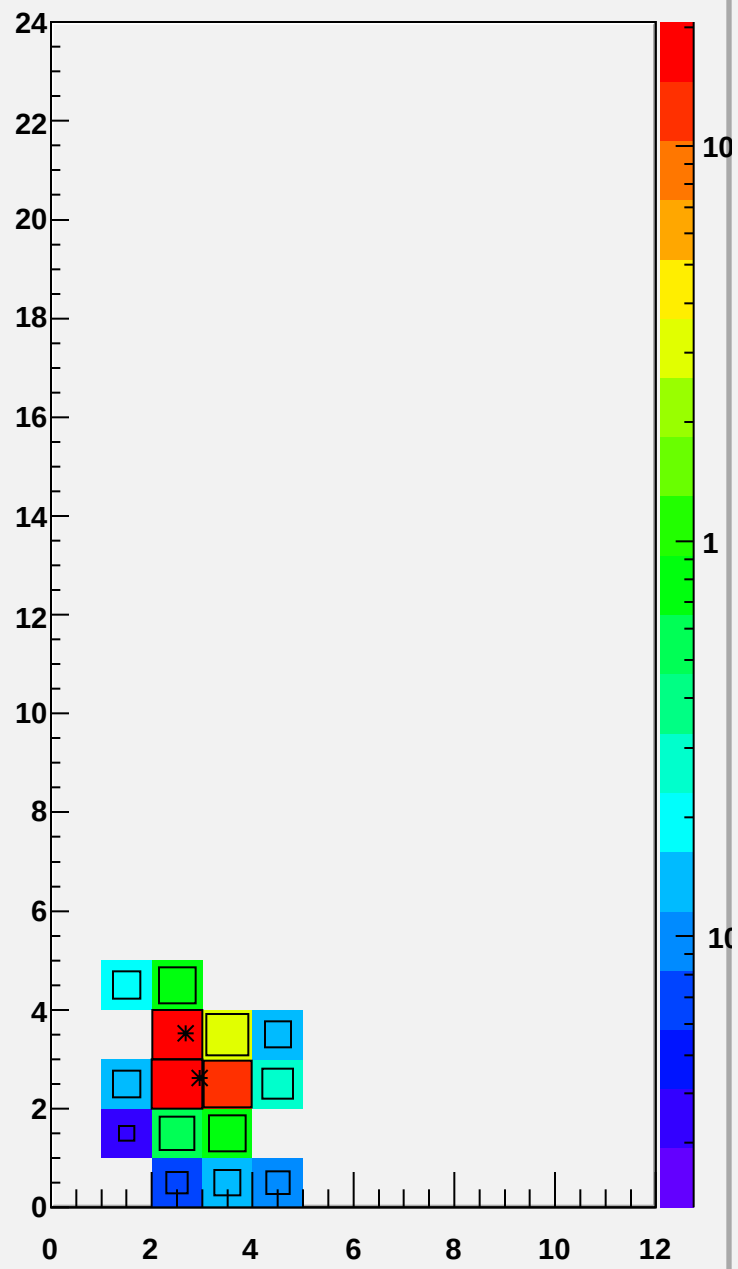
Fitted Energies



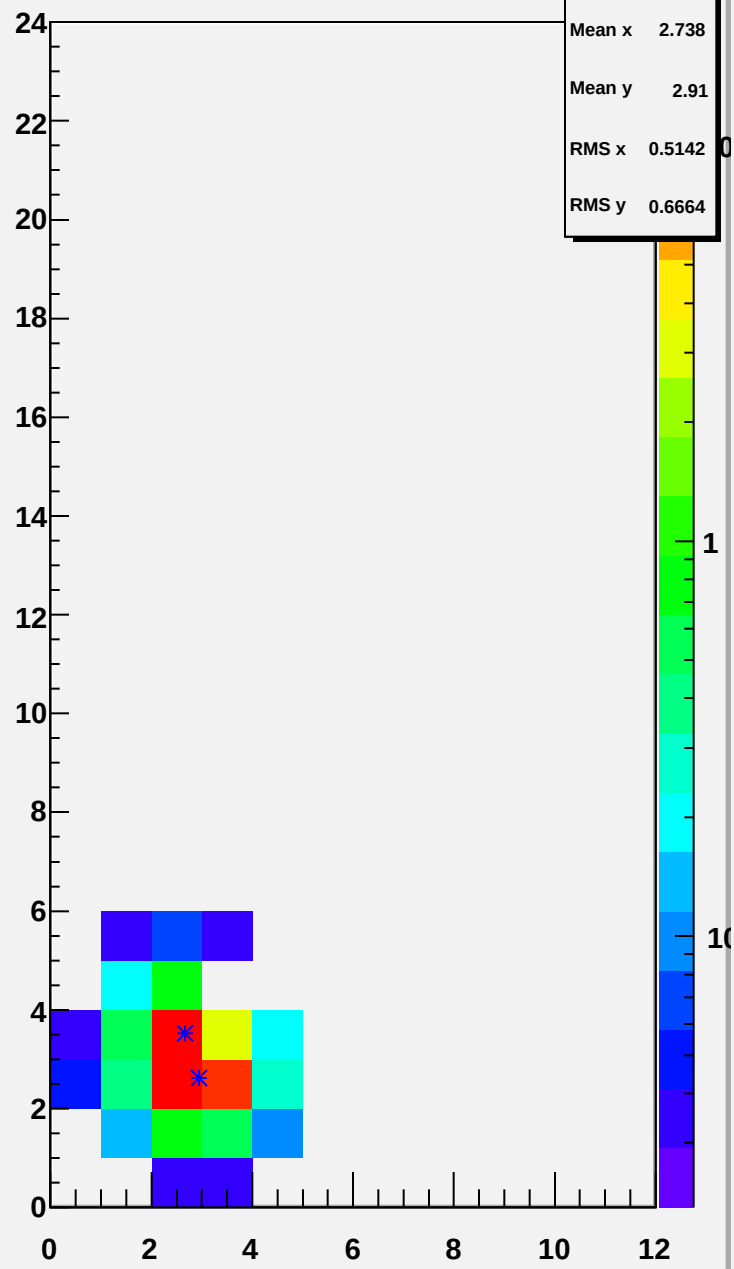
Efit

Entries	288
Mean x	1.586
Mean y	5.35
RMS x	0.4596
RMS y	0.7234

NSTB3_r4_c3_En=55.5_m0=0.140 m1=0.140 index=239



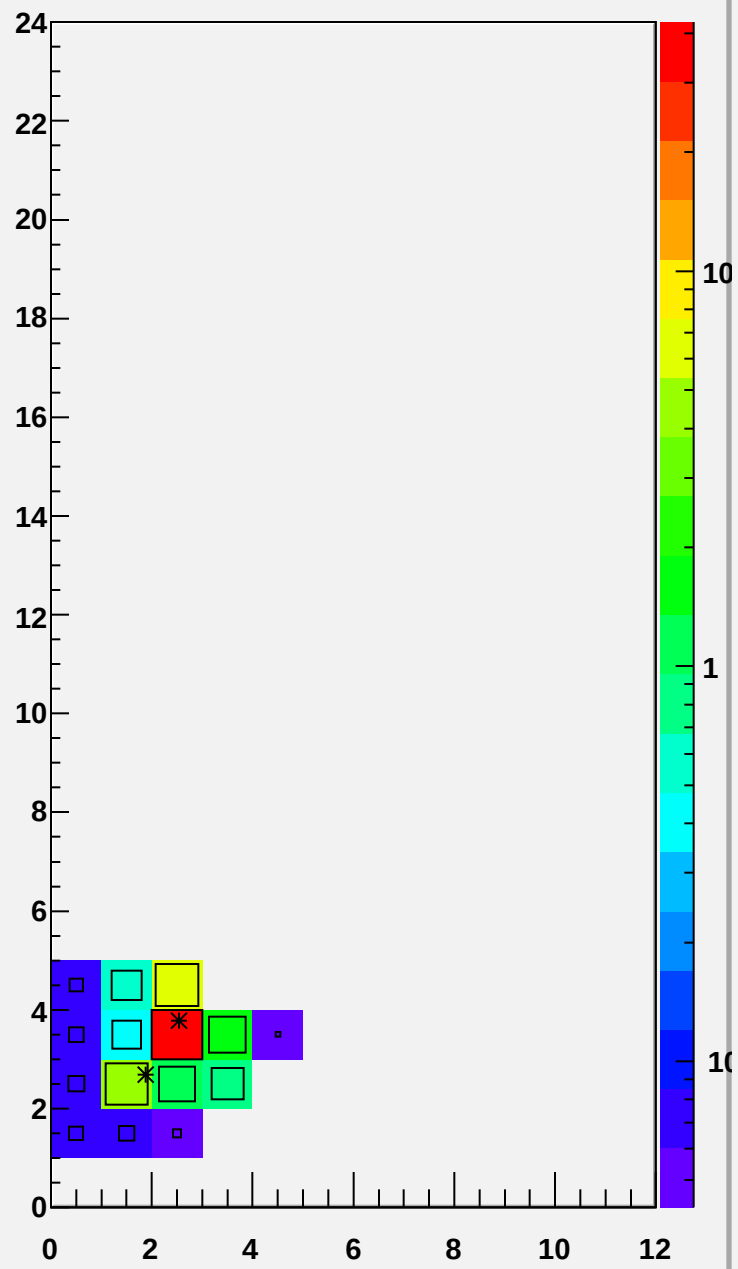
Fitted Energies



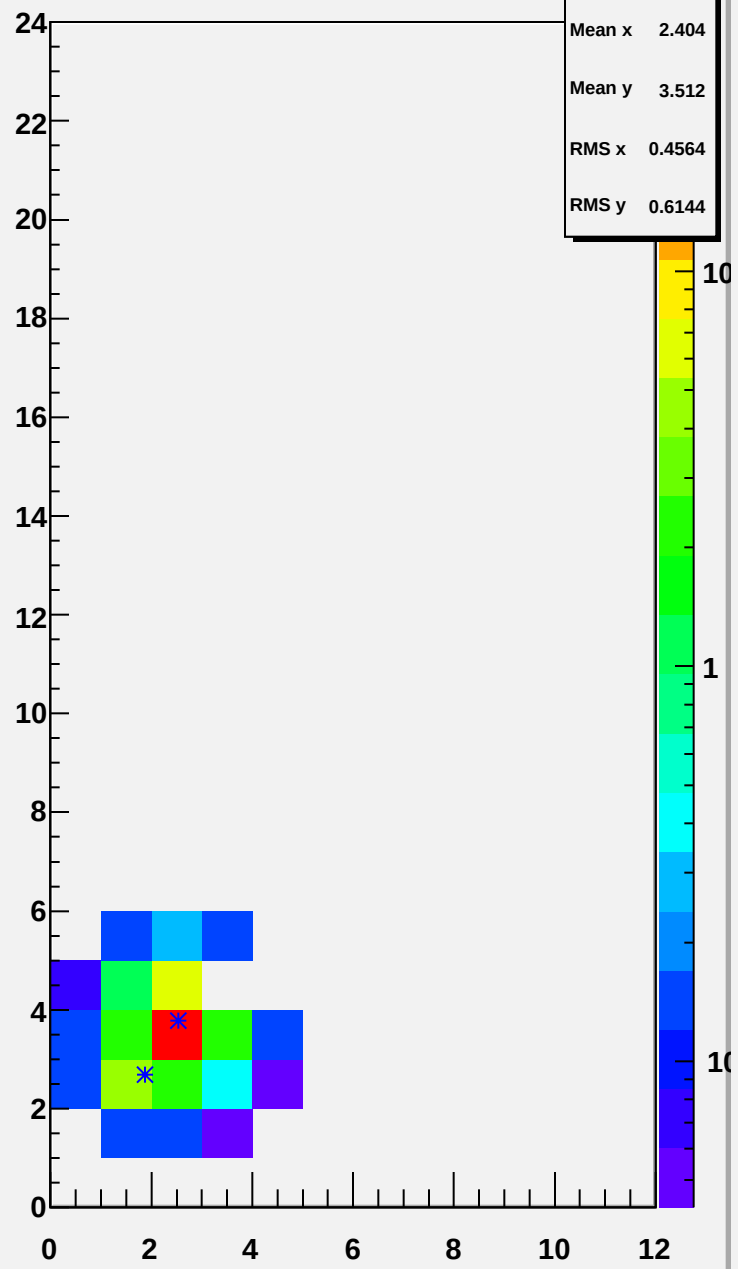
Efit

Entries	288
Mean x	2.738
Mean y	2.91
RMS x	0.5142
RMS y	0.6664

NSTB3_r4_c3_En=59.5_m0=0.143_m1=0.142_index=241



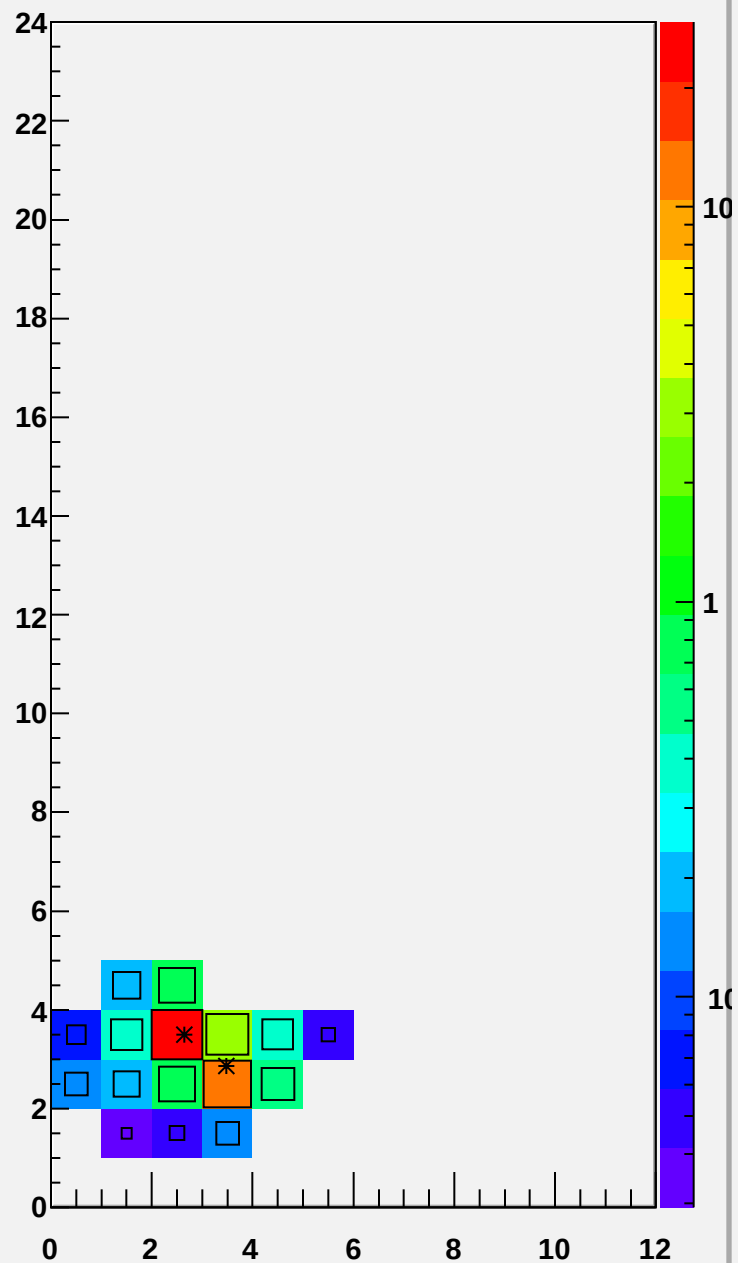
Fitted Energies



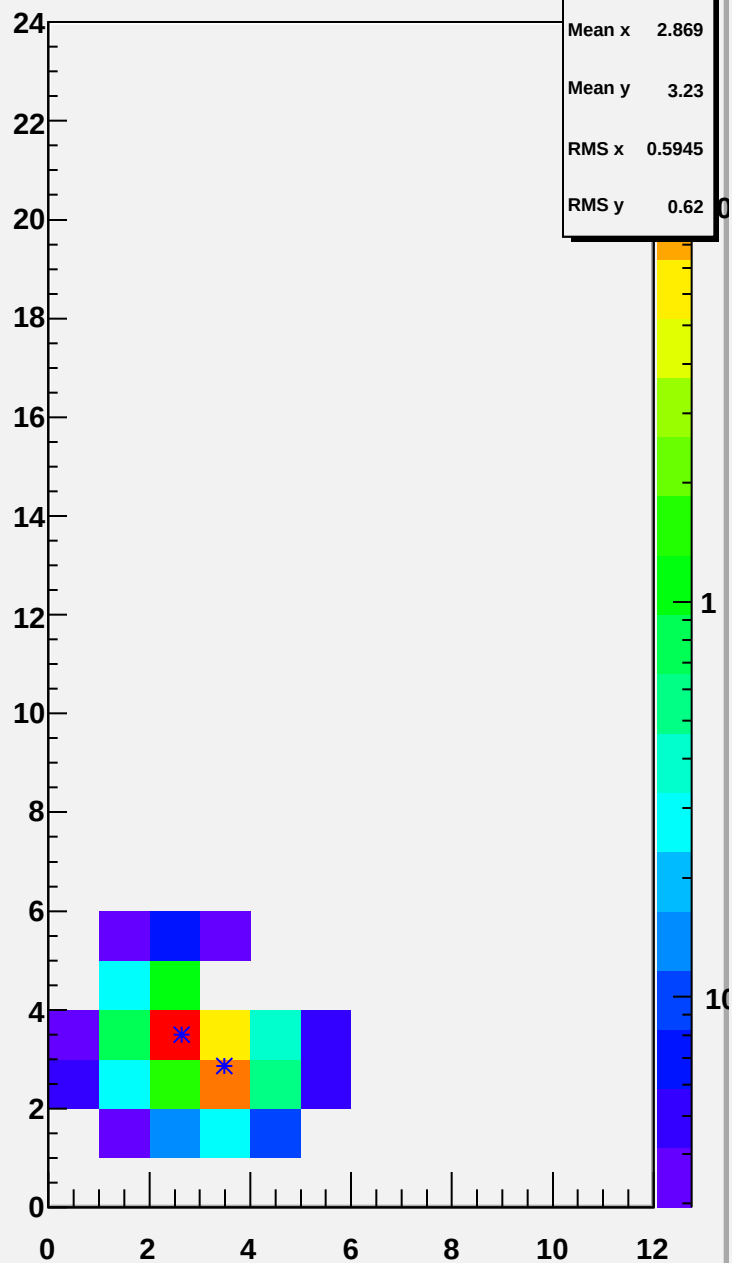
Efit

Entries	288
Mean x	2.404
Mean y	3.512
RMS x	0.4564
RMS y	0.6144

NSTB3_r4_c3_En=49.4_m0=0.148 m1=0.147 index=242



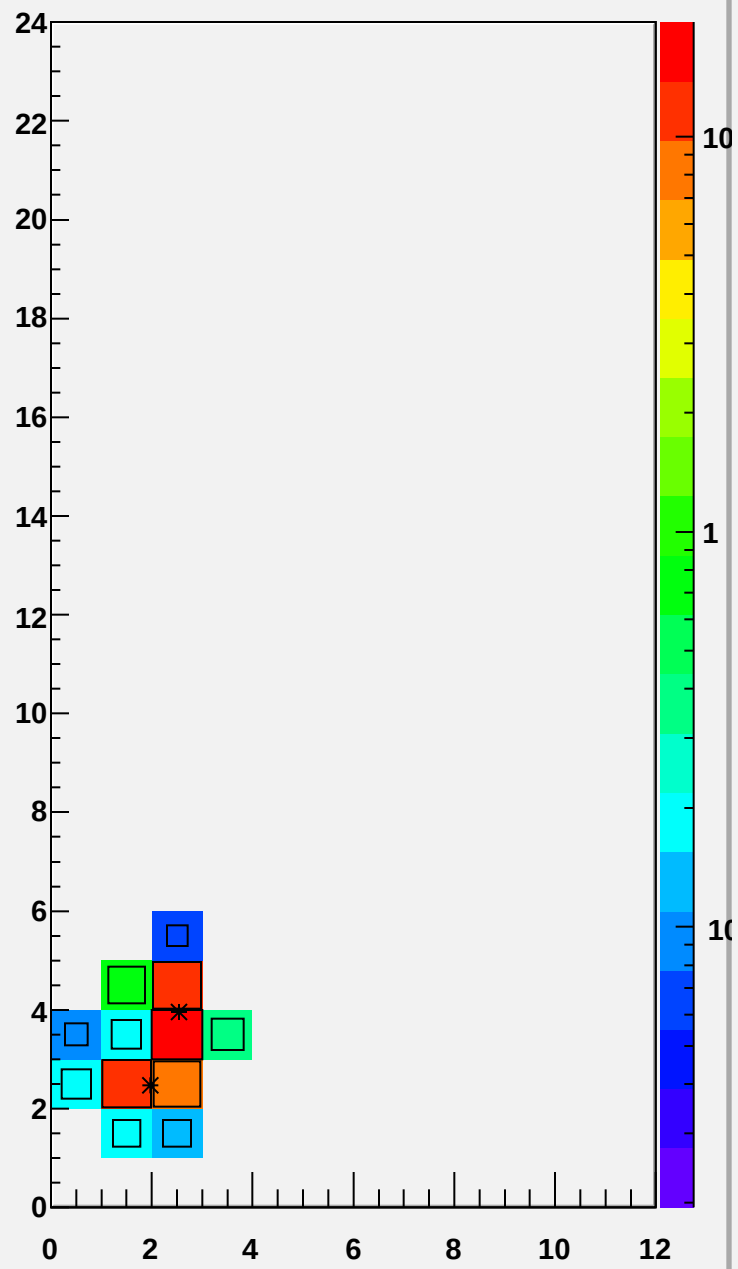
Fitted Energies



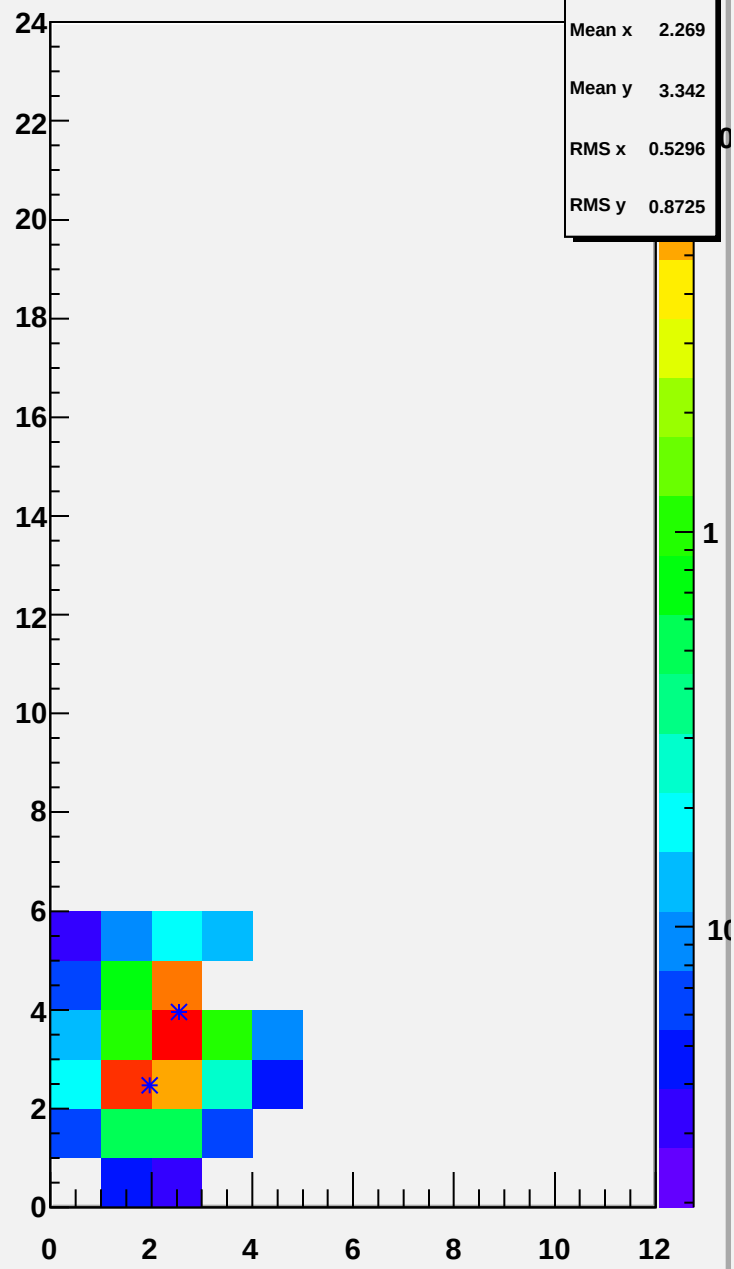
Efit

Entries	288
Mean x	2.869
Mean y	3.23
RMS x	0.5945
RMS y	0.62

NSTB3_r4_c3_En=49.6_m0=0.212_m1=0.211_index=243



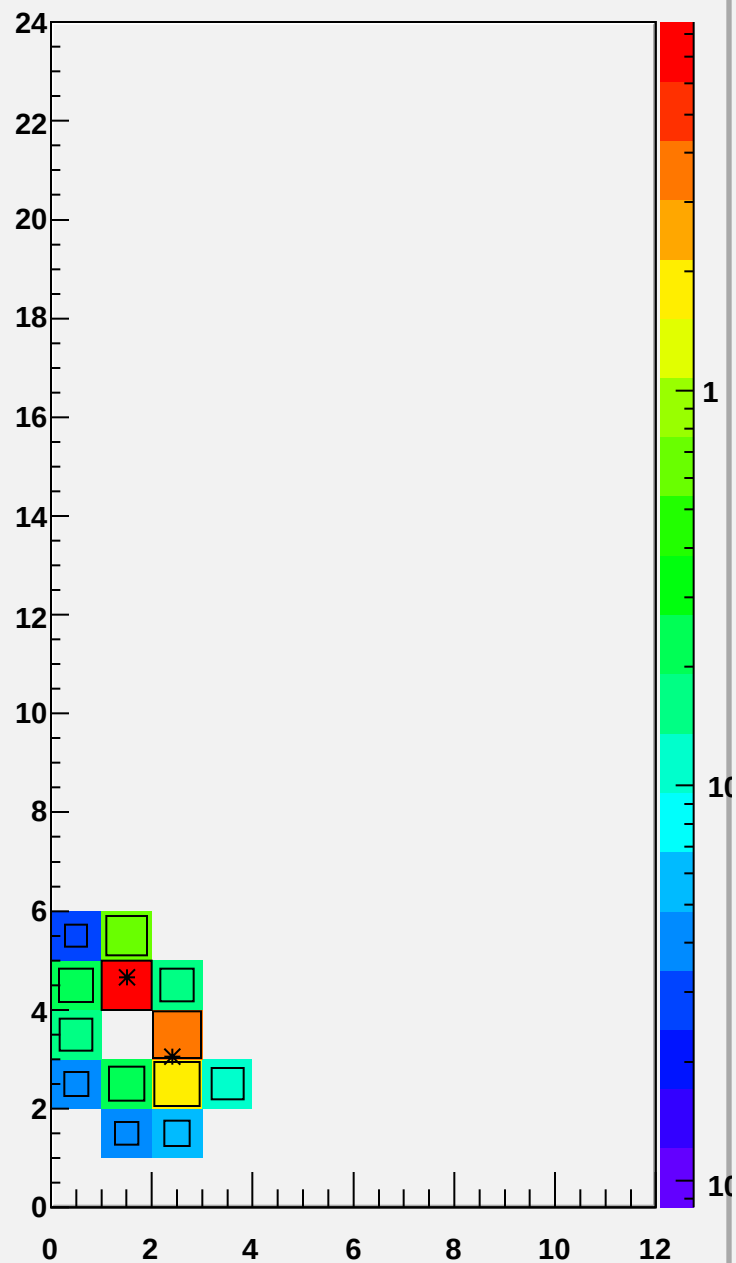
Fitted Energies



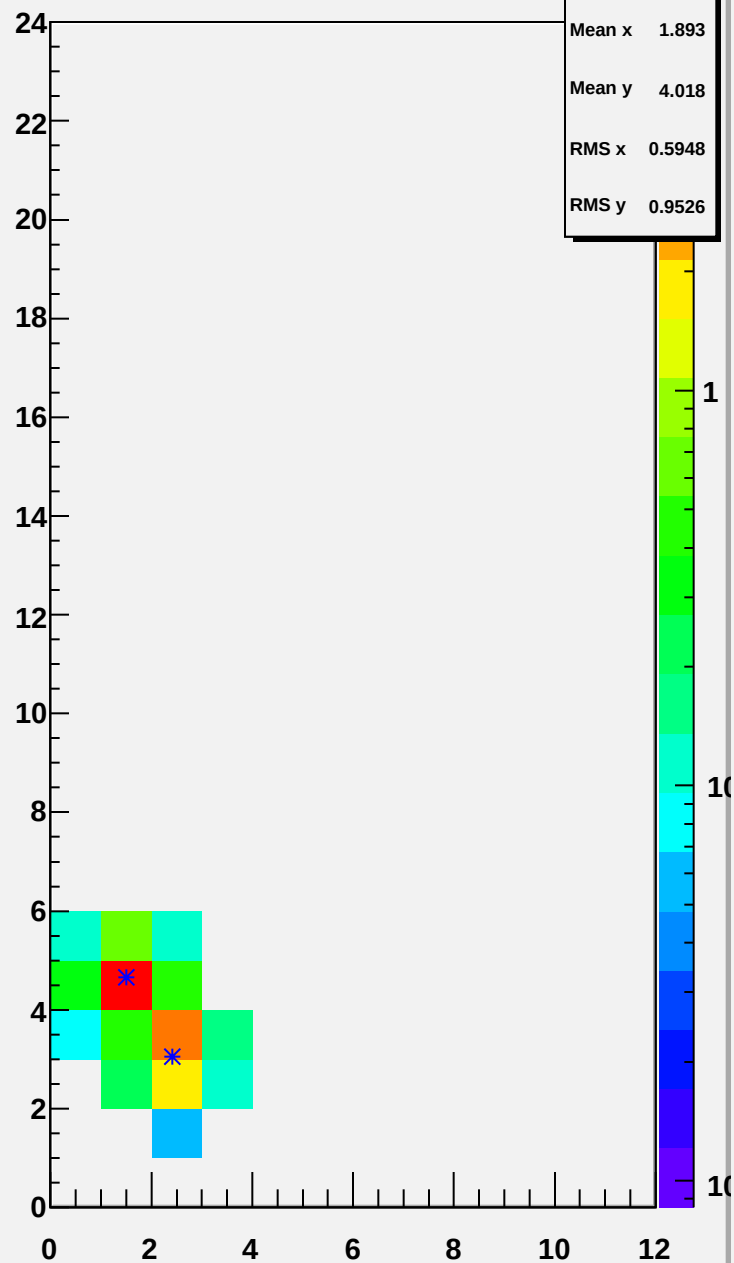
Efit

Entries	288
Mean x	2.269
Mean y	3.342
RMS x	0.5296
RMS y	0.8725

NSTB3_r4_c3_En=16.4_m0=0.089 m1=0.089 index=245



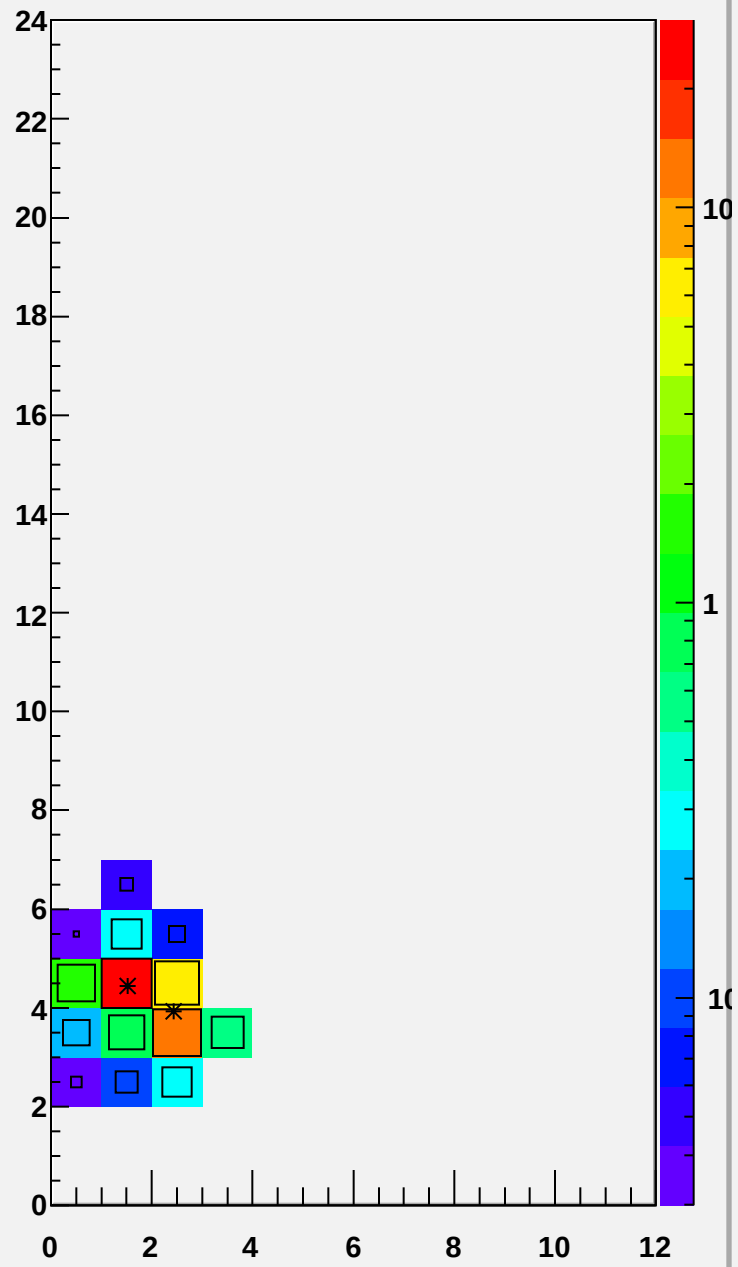
Fitted Energies



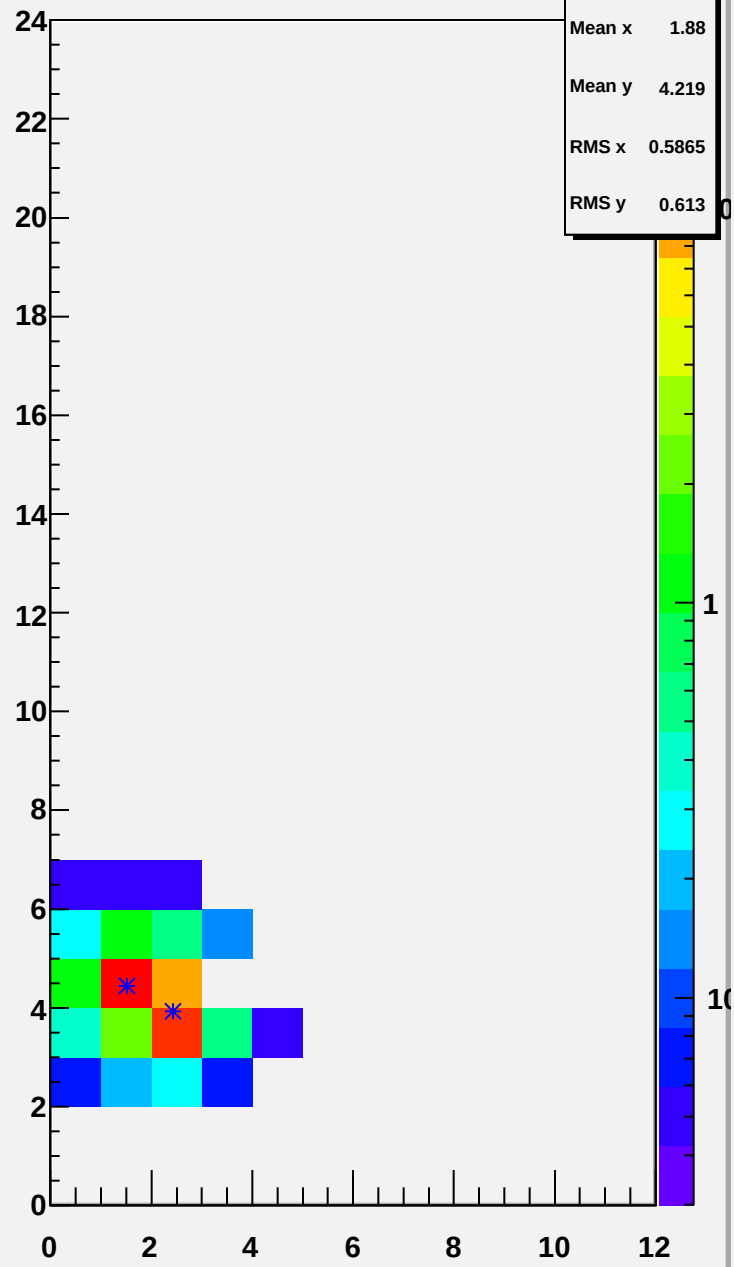
Efit

Entries	288
Mean x	1.893
Mean y	4.018
RMS x	0.5948
RMS y	0.9526

NSTB3_r4_c3_En=54.7_m0=0.169_m1=0.169_index=248



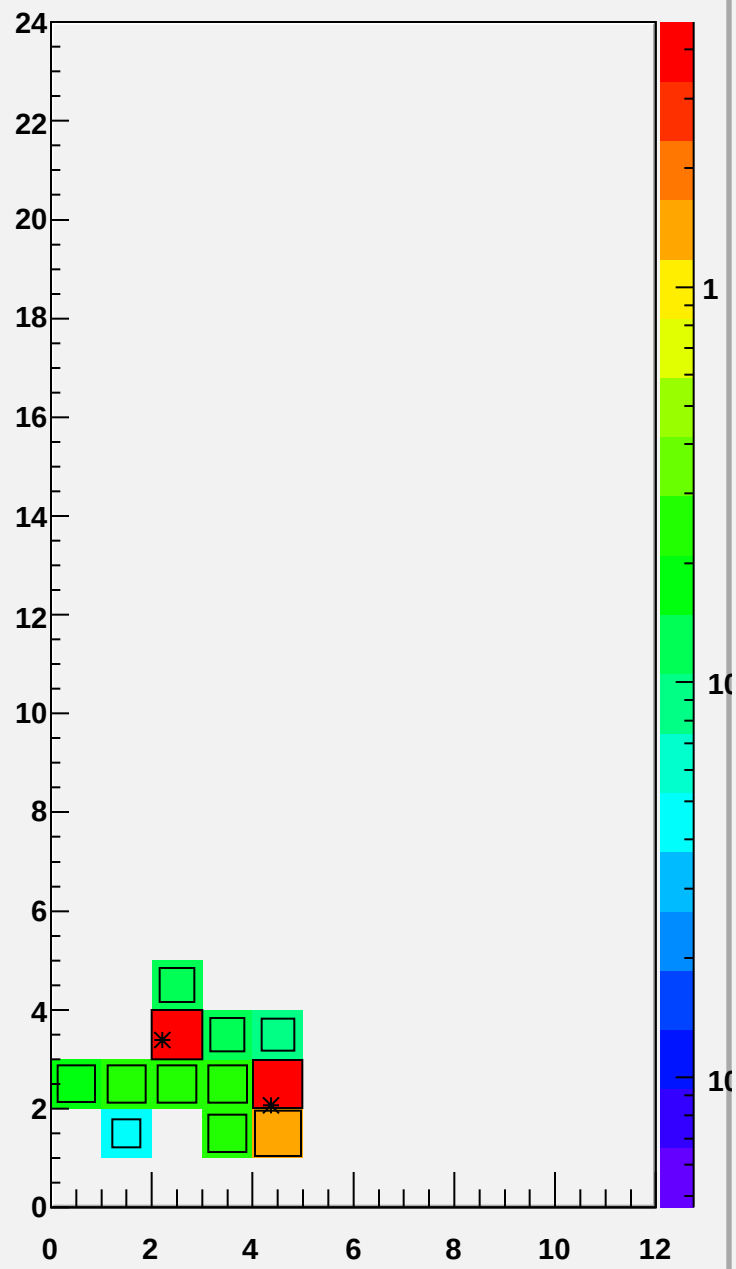
Fitted Energies



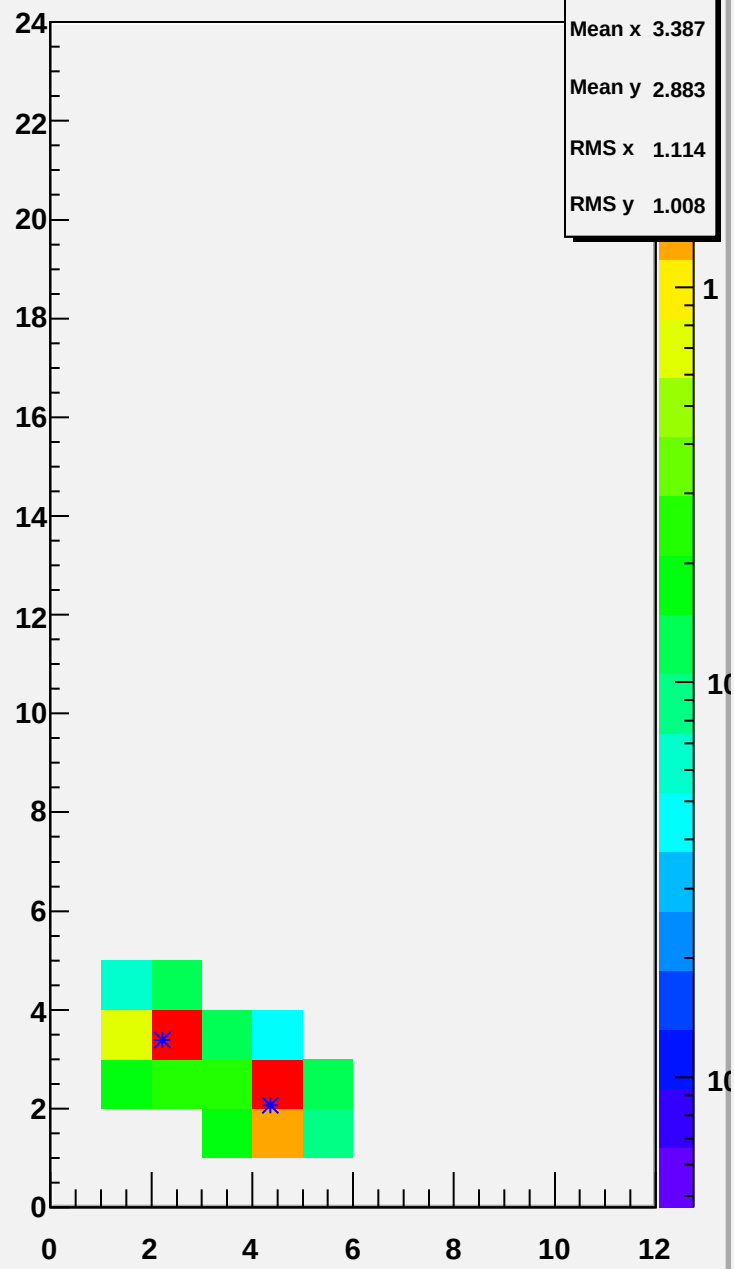
Efit

Entries	288
Mean x	1.88
Mean y	4.219
RMS x	0.5865
RMS y	0.613

NSTB3_r4_c3_En=11.4_m0=0.085 m1=0.085 index=249



Fitted Energies



Efit

Entries 288

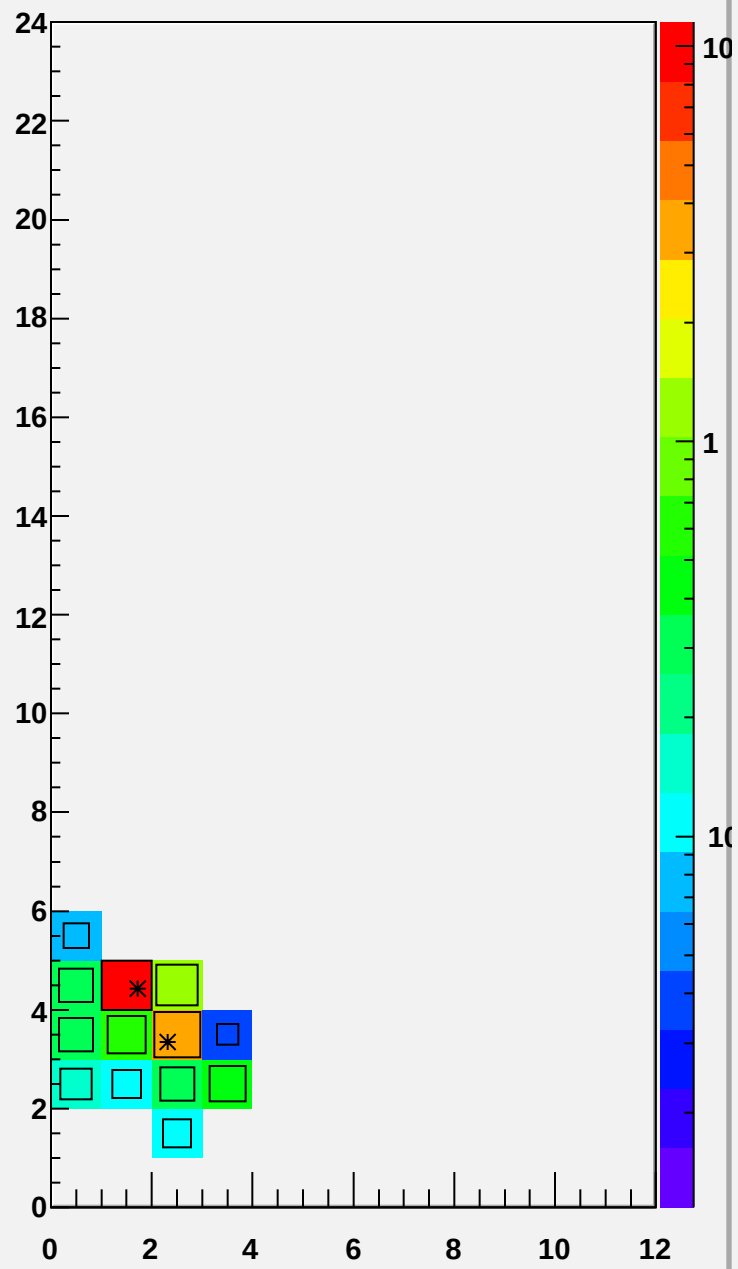
Mean x 3.387

Mean y 2.883

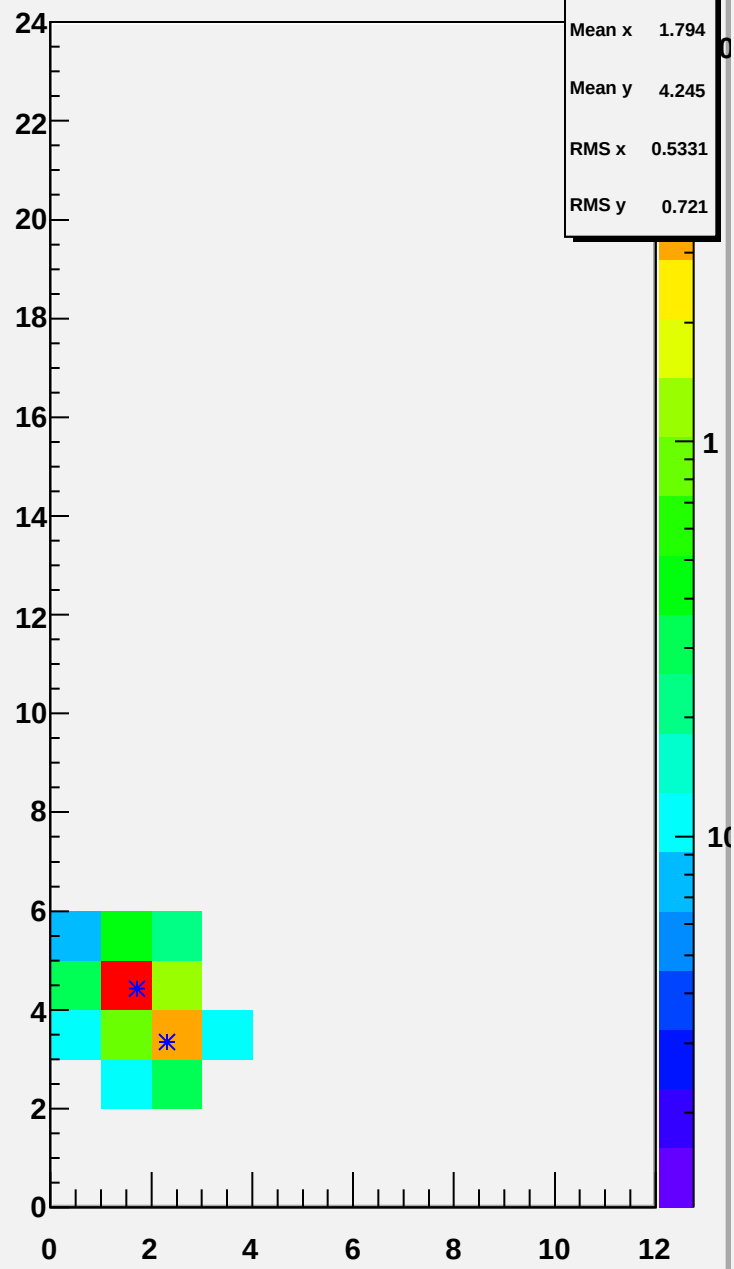
RMS x 1.114

RMS y 1.008

NSTB3_r4_c3_En=18.8_m0=0.057 m1=0.057 index=250



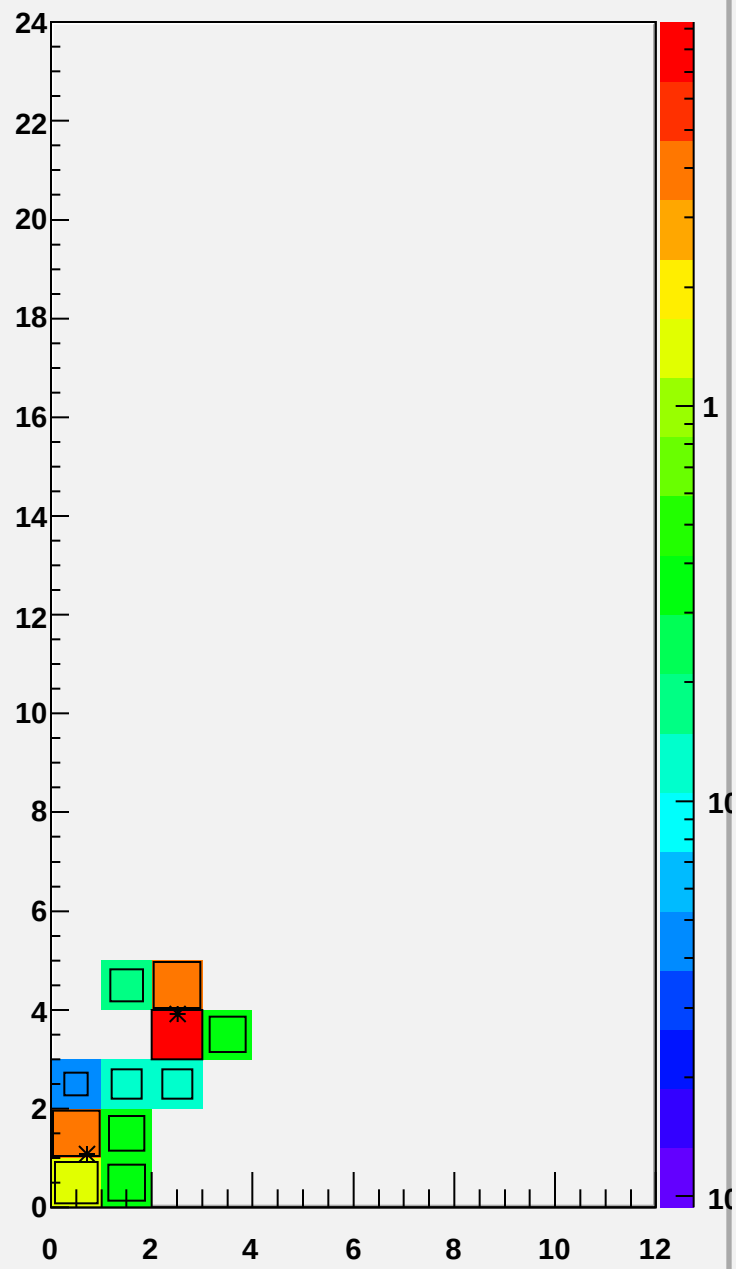
Fitted Energies



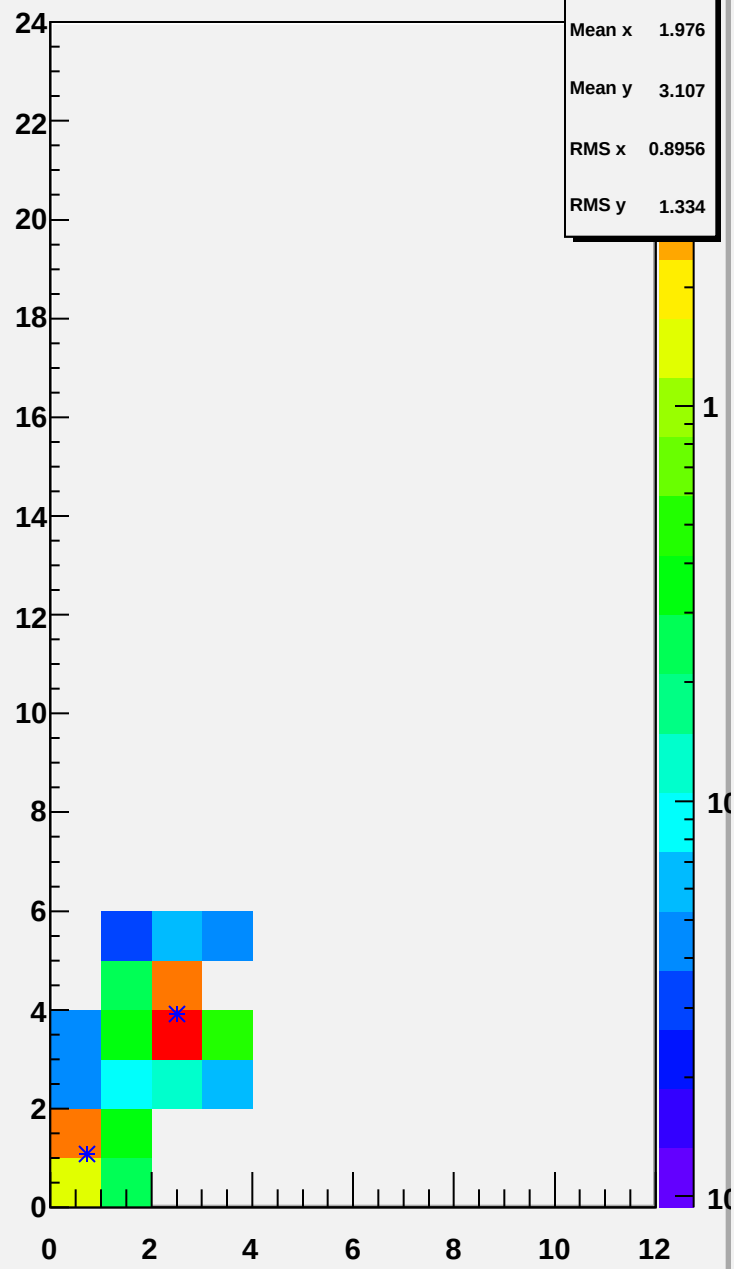
Efit

Entries	288
Mean x	1.794
Mean y	4.245
RMS x	0.5331
RMS y	0.721

NSTB3_r4_c3_En=19.2_m0=0.172 m1=0.172 index=253



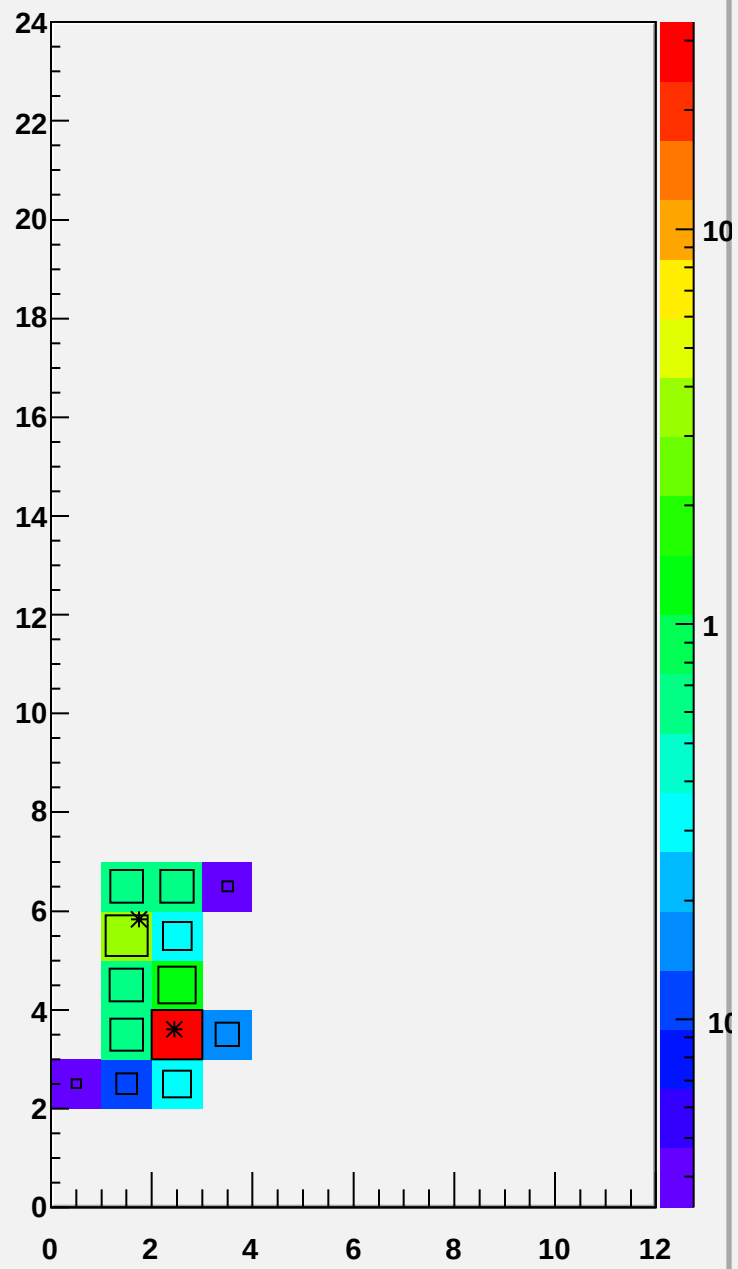
Fitted Energies



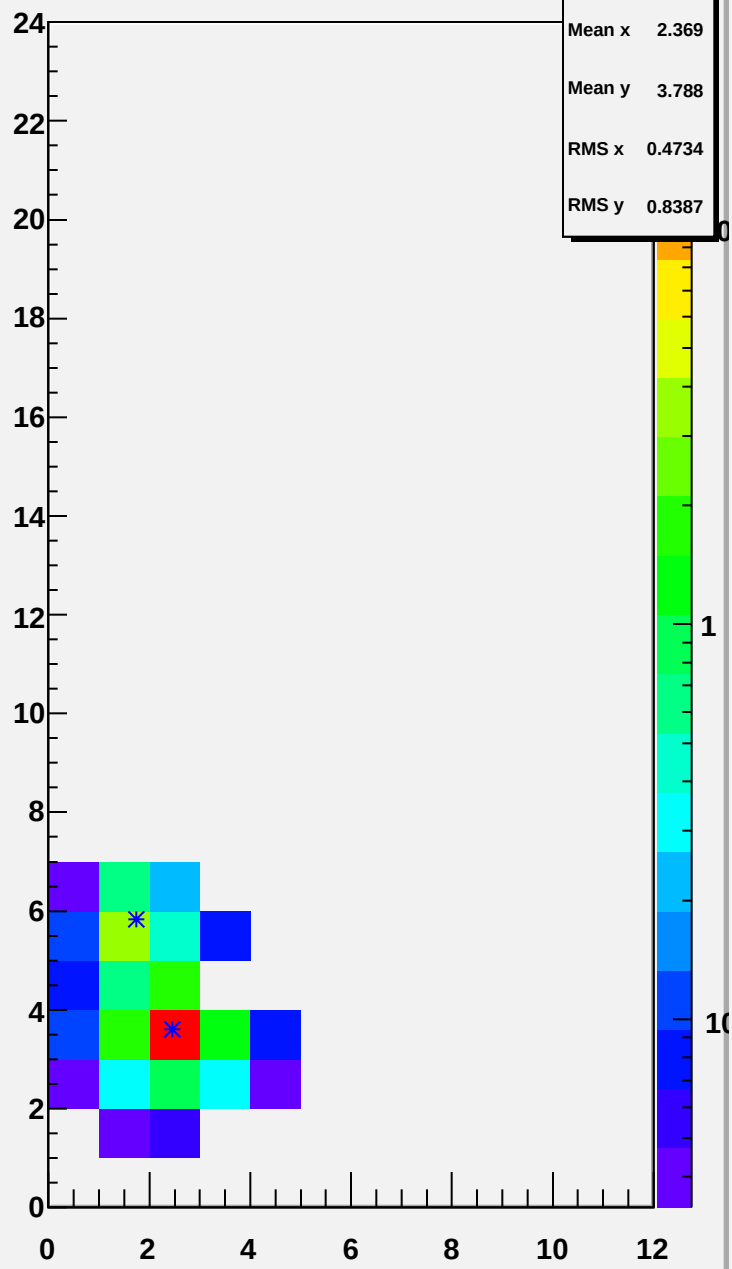
Efit

Entries	288
Mean x	1.976
Mean y	3.107
RMS x	0.8956
RMS y	1.334

NSTB3_r4_c3_En=42.0_m0=0.186 m1=0.186 index=254



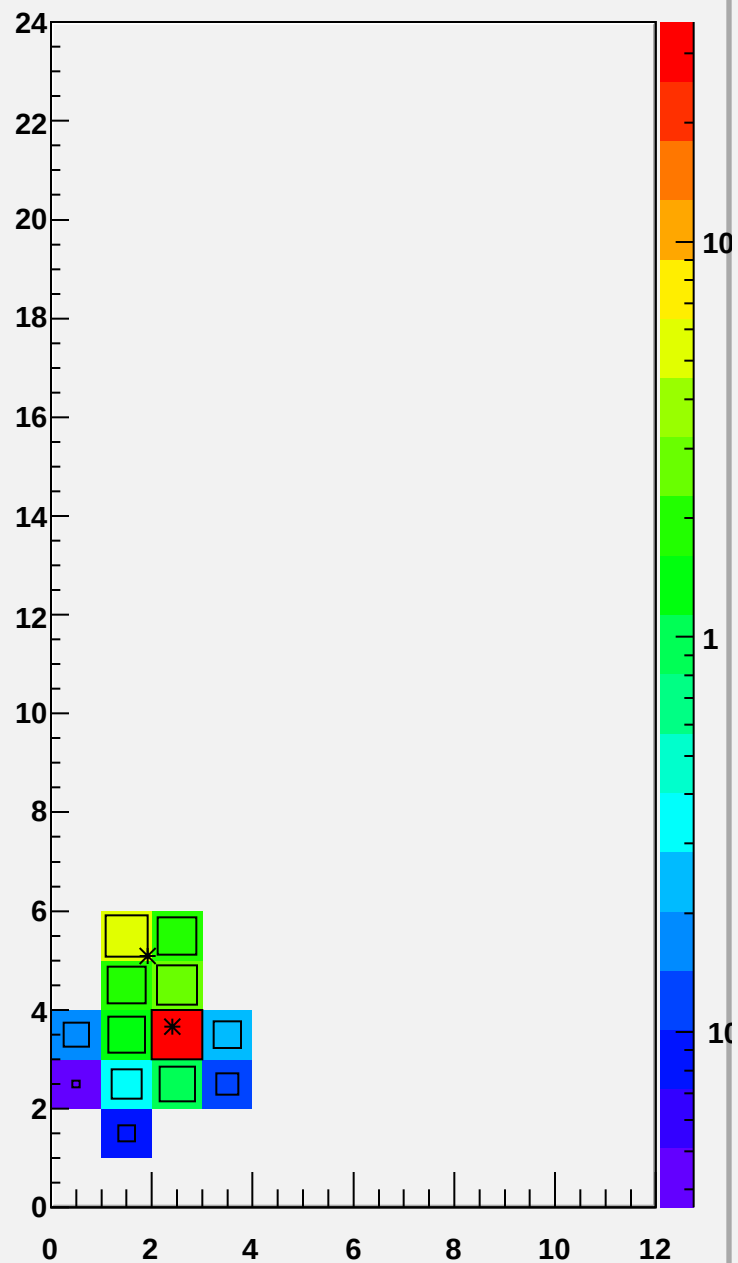
Fitted Energies



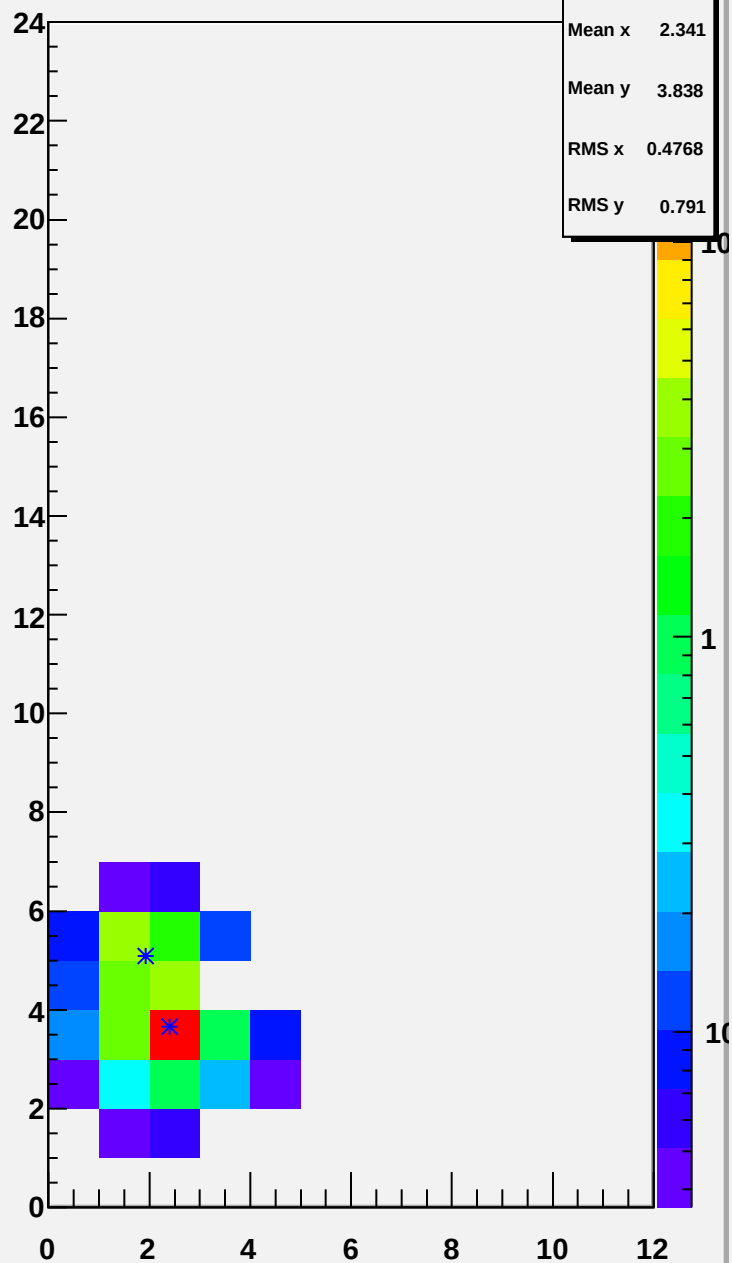
Efit

Entries	288
Mean x	2.369
Mean y	3.788
RMS x	0.4734
RMS y	0.8387

NSTB3_r4_c3_En=50.5_m0=0.166 m1=0.166 index=255



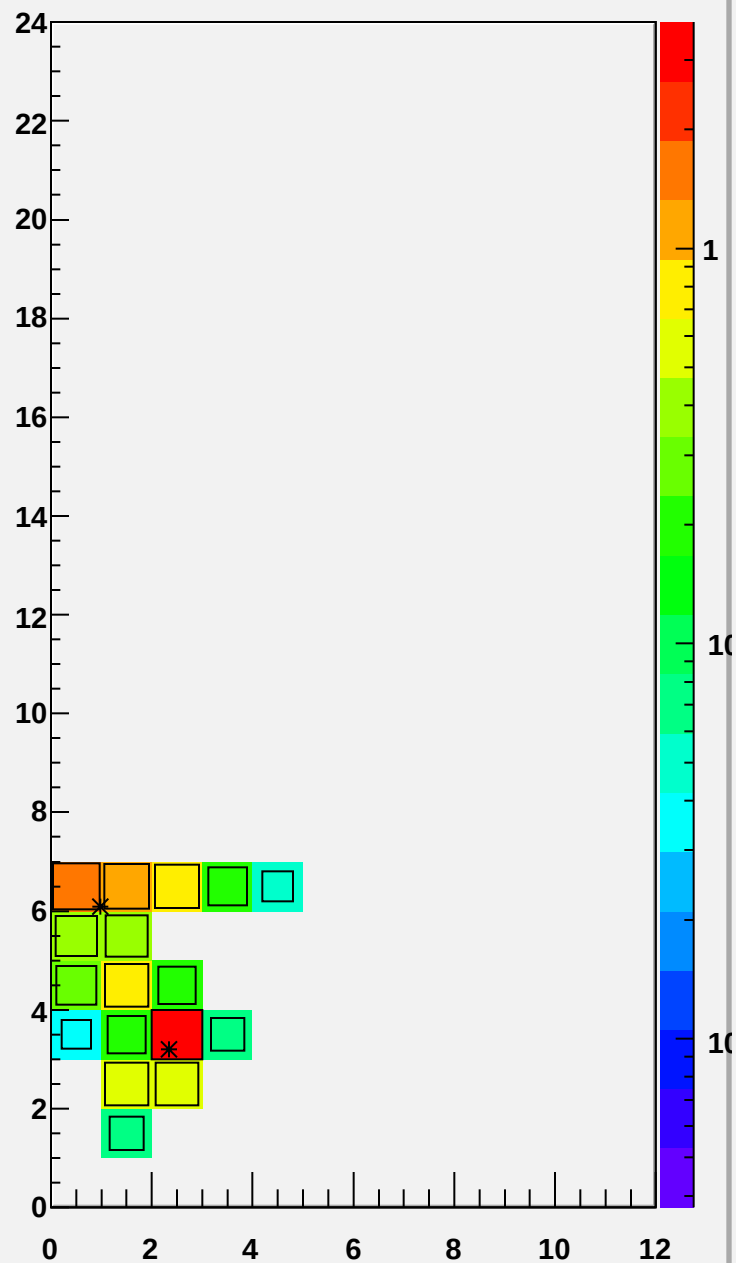
Fitted Energies



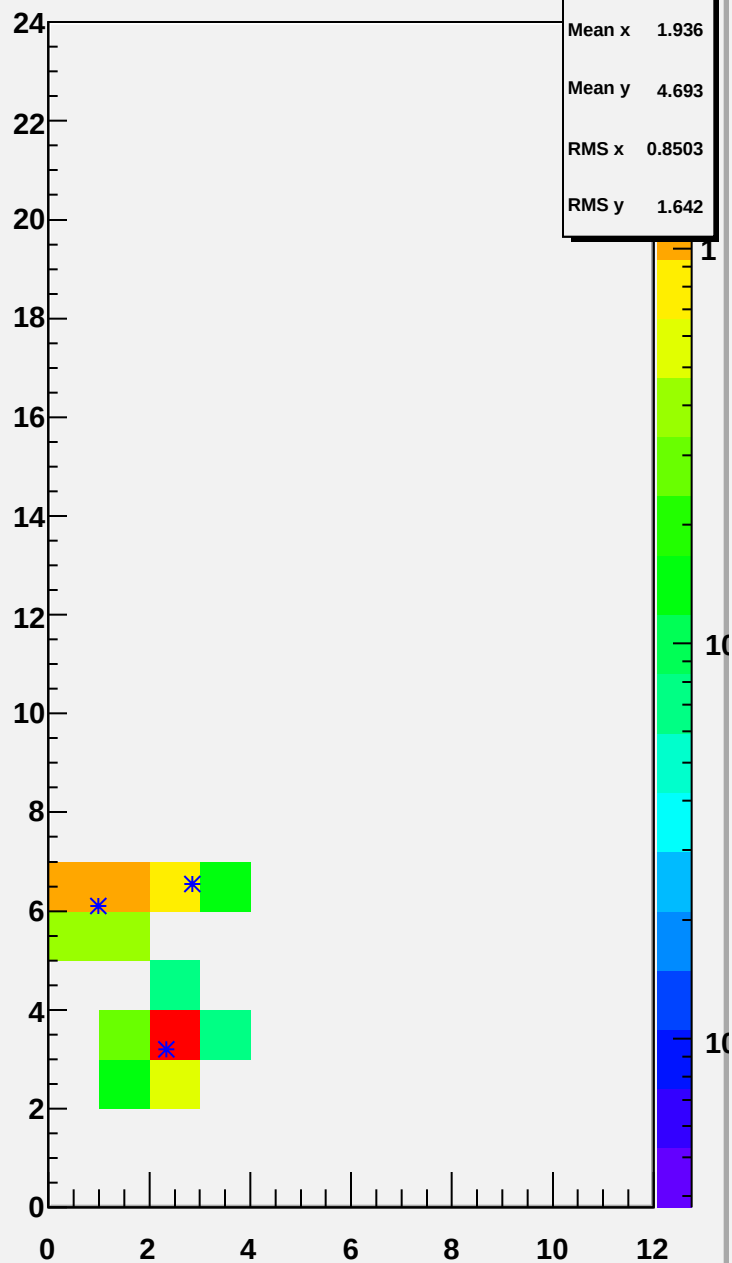
Efit

Entries	288
Mean x	2.341
Mean y	3.838
RMS x	0.4768
RMS y	0.791

NSTB3_r4_c3_En=10.7_m0=0.082 m1=0.073 index=256



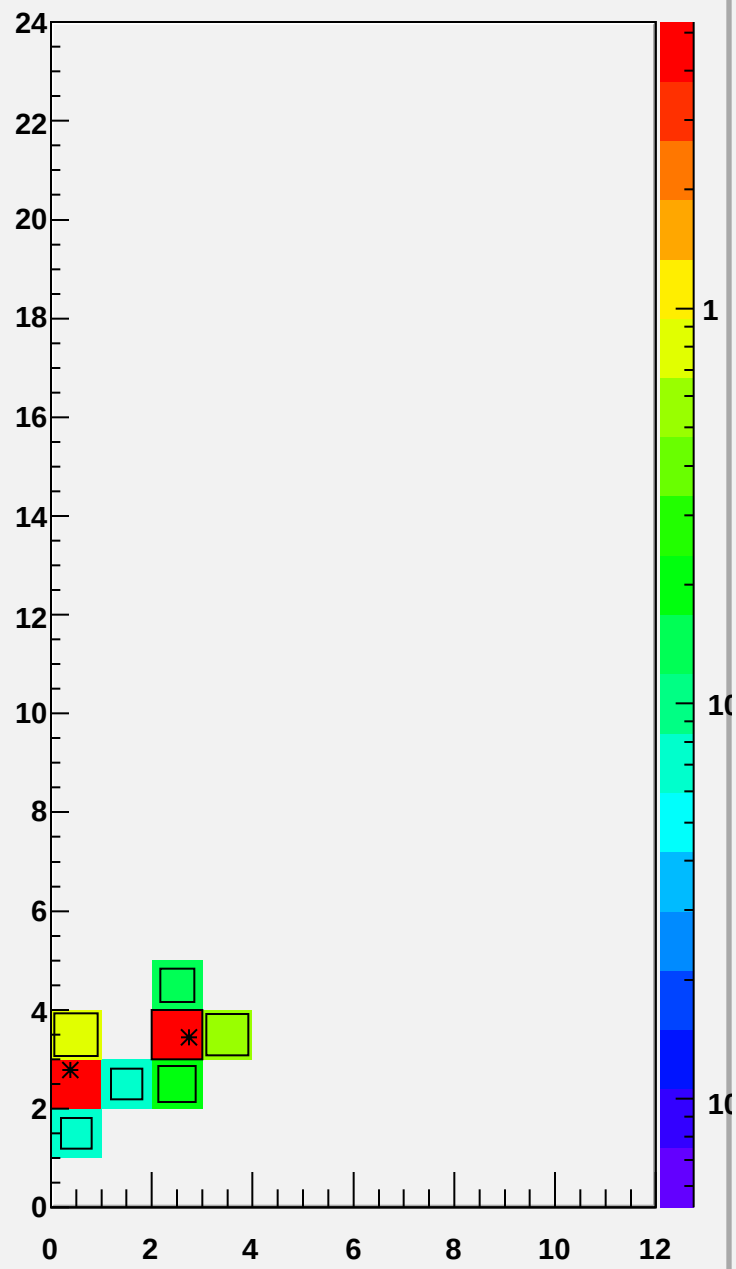
Fitted Energies



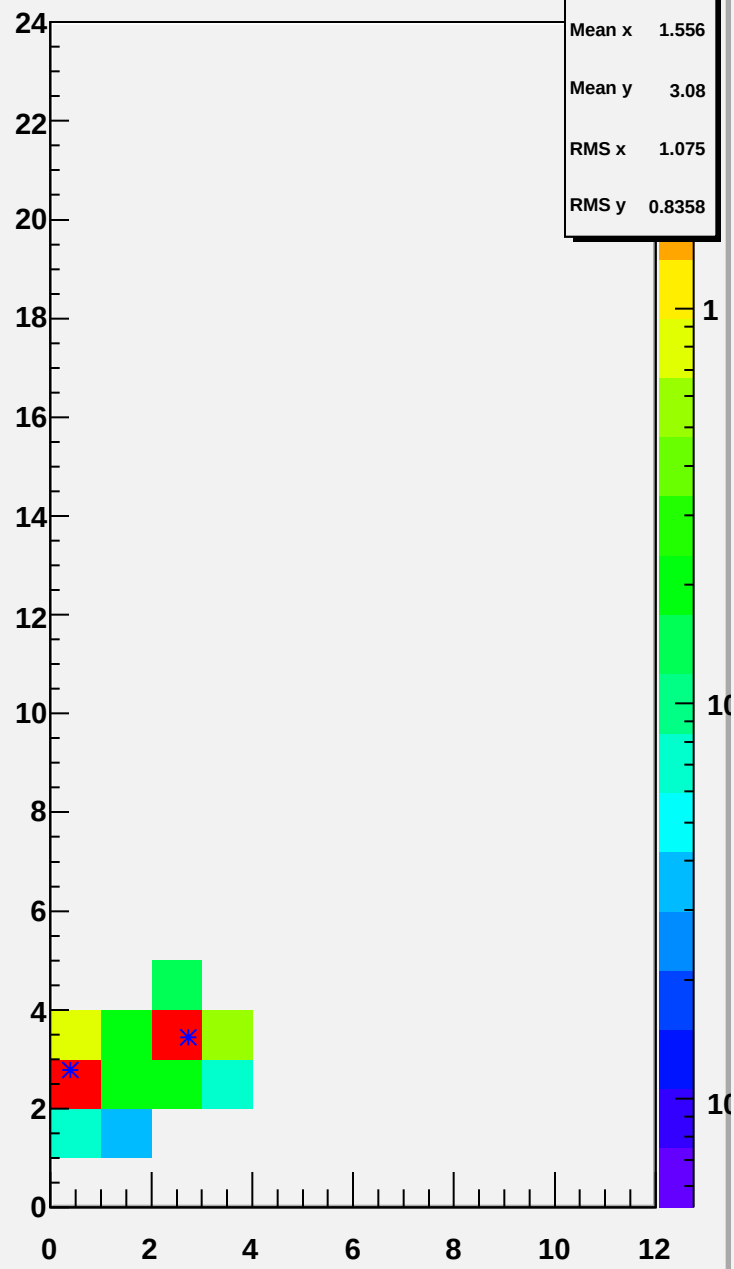
Efit

Entries	288
Mean x	1.936
Mean y	4.693
RMS x	0.8503
RMS y	1.642

NSTB3_r4_c3_En=12.3_m0=0.089 m1=0.089 index=257



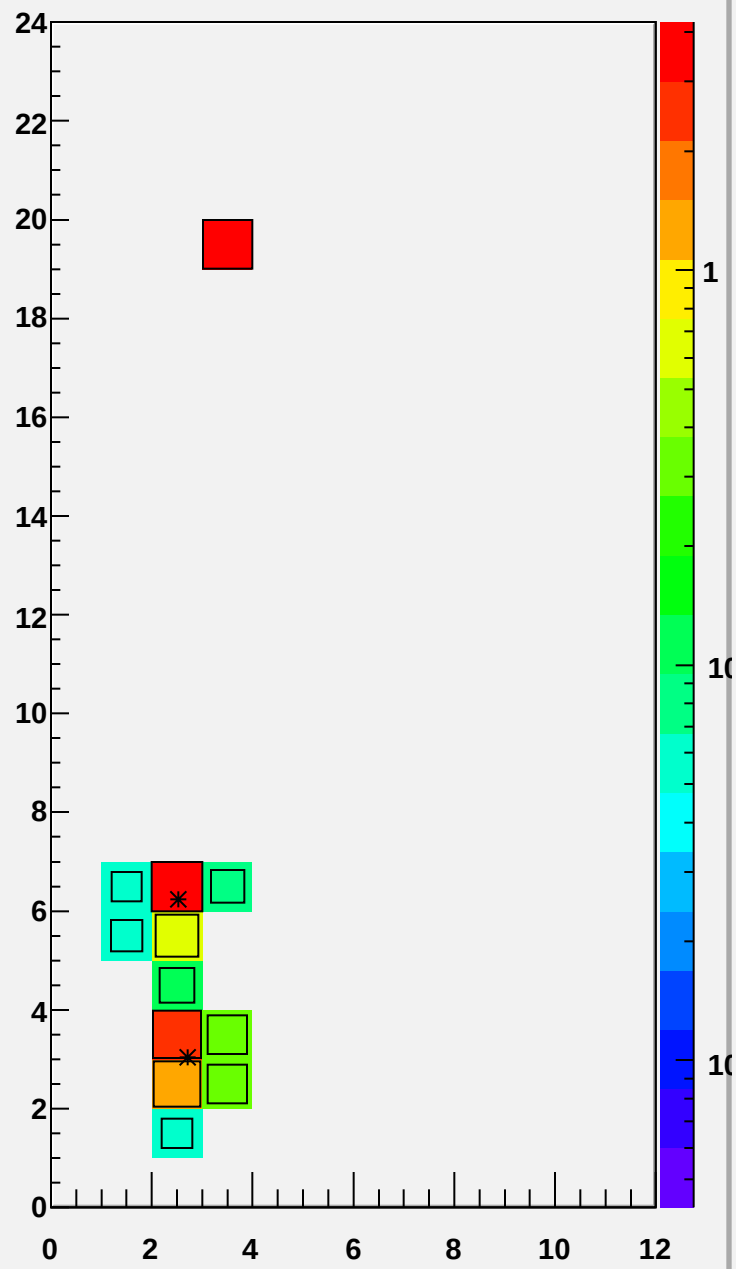
Fitted Energies



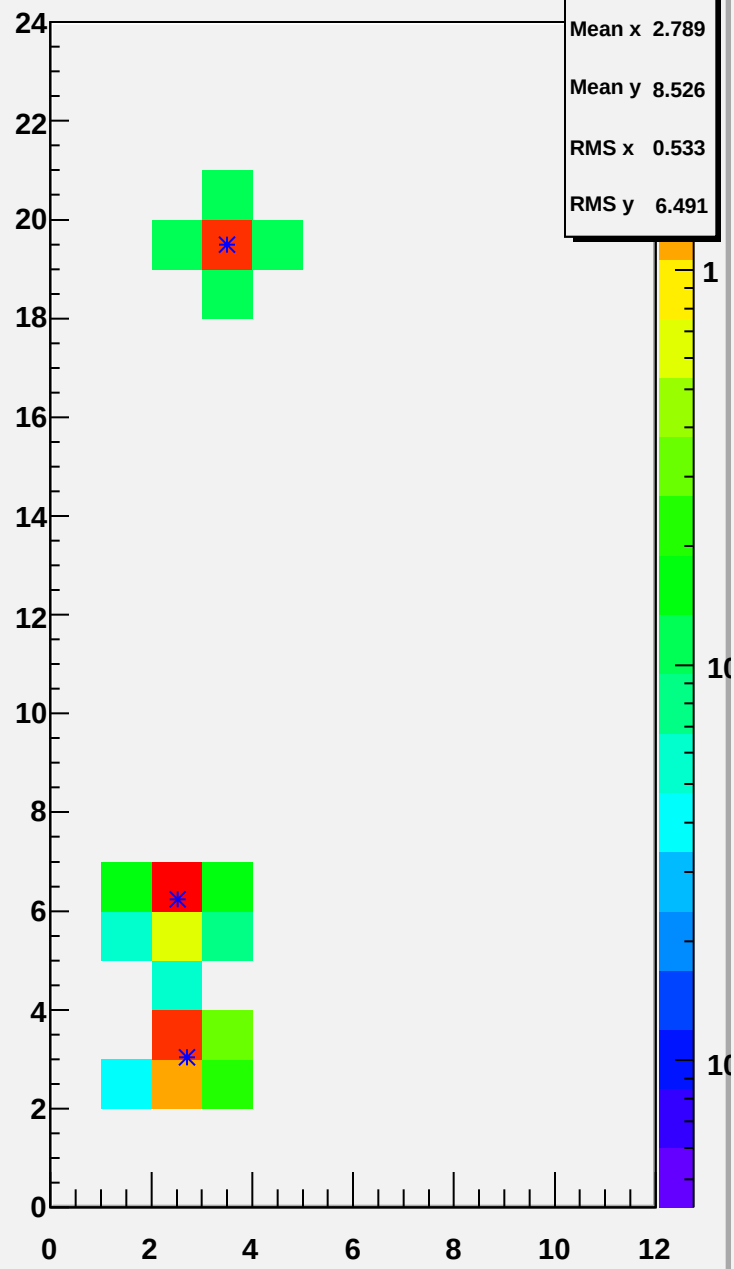
Efit

Entries	288
Mean x	1.556
Mean y	3.08
RMS x	1.075
RMS y	0.8358

NSTB3_r4_c3_En=12.9_m0=0.092 m1=0.092 index=258



Fitted Energies



Efit

Entries 288

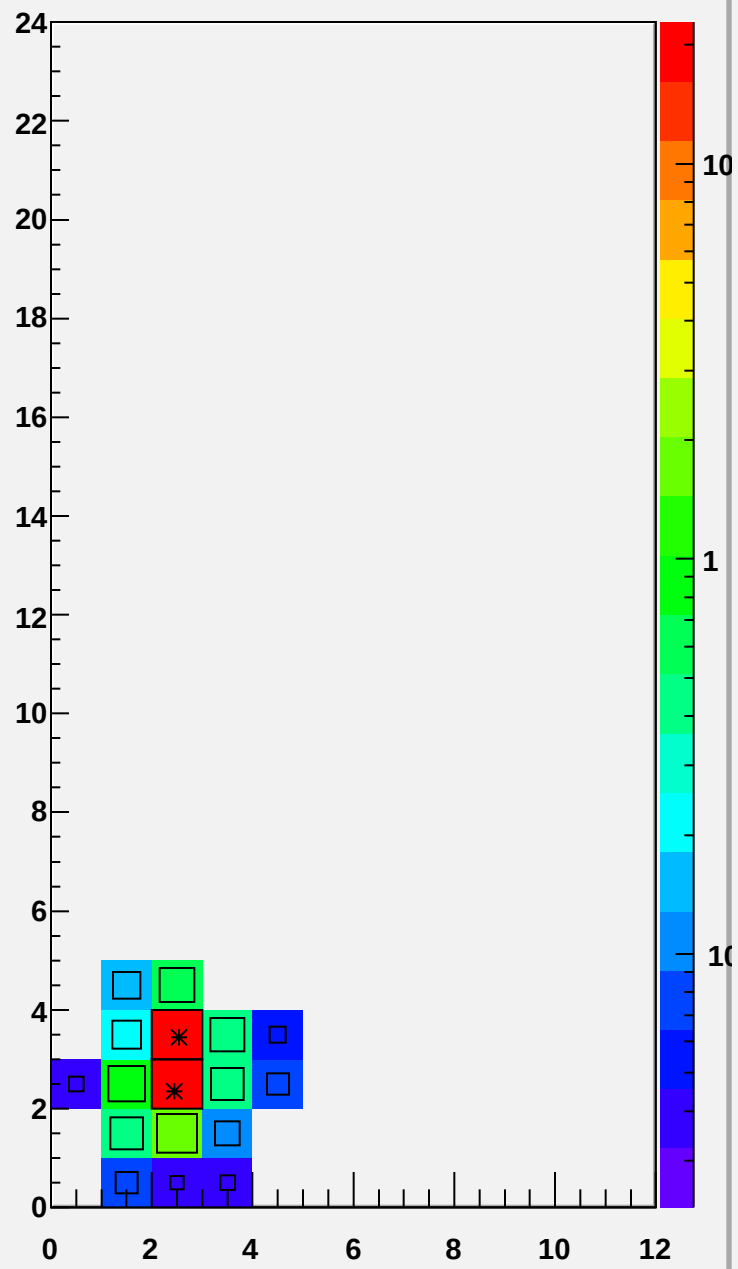
Mean x 2.789

Mean y 8.526

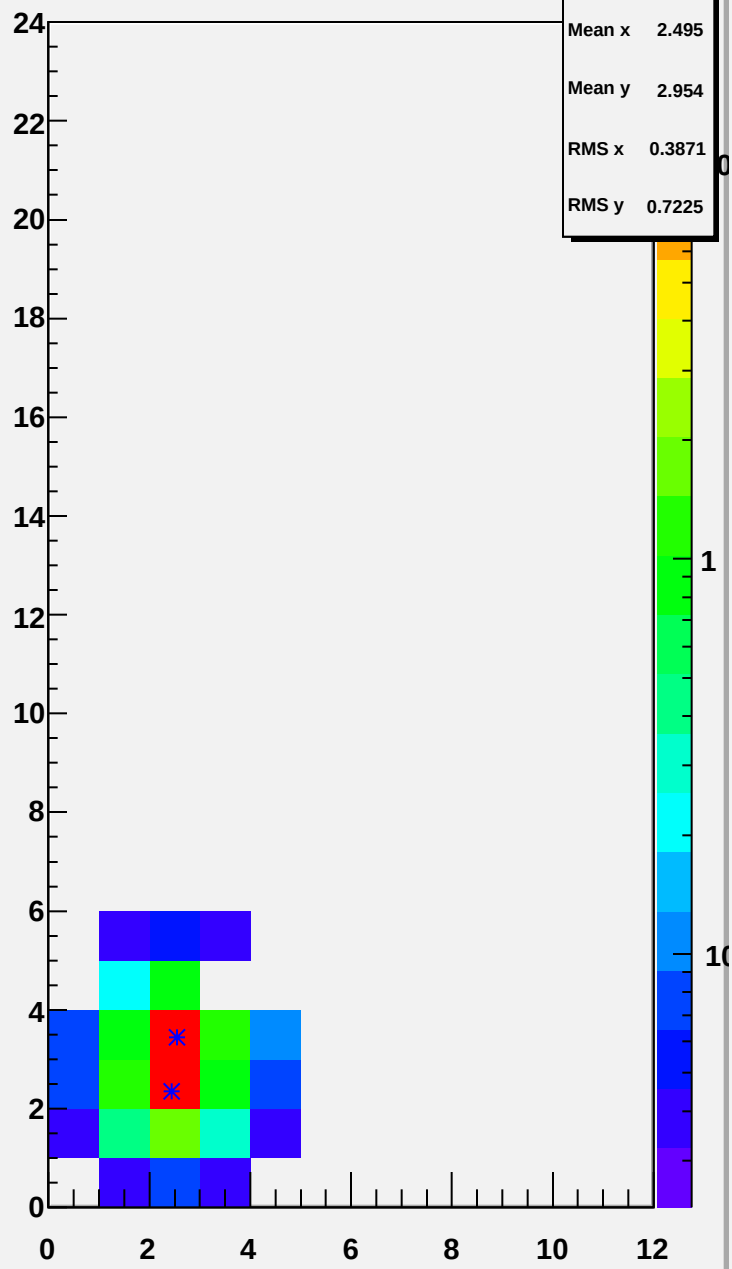
RMS x 0.533

RMS y 6.491

NSTB3_r4_c3_En=50.6_m0=0.155 m1=0.155 index=259



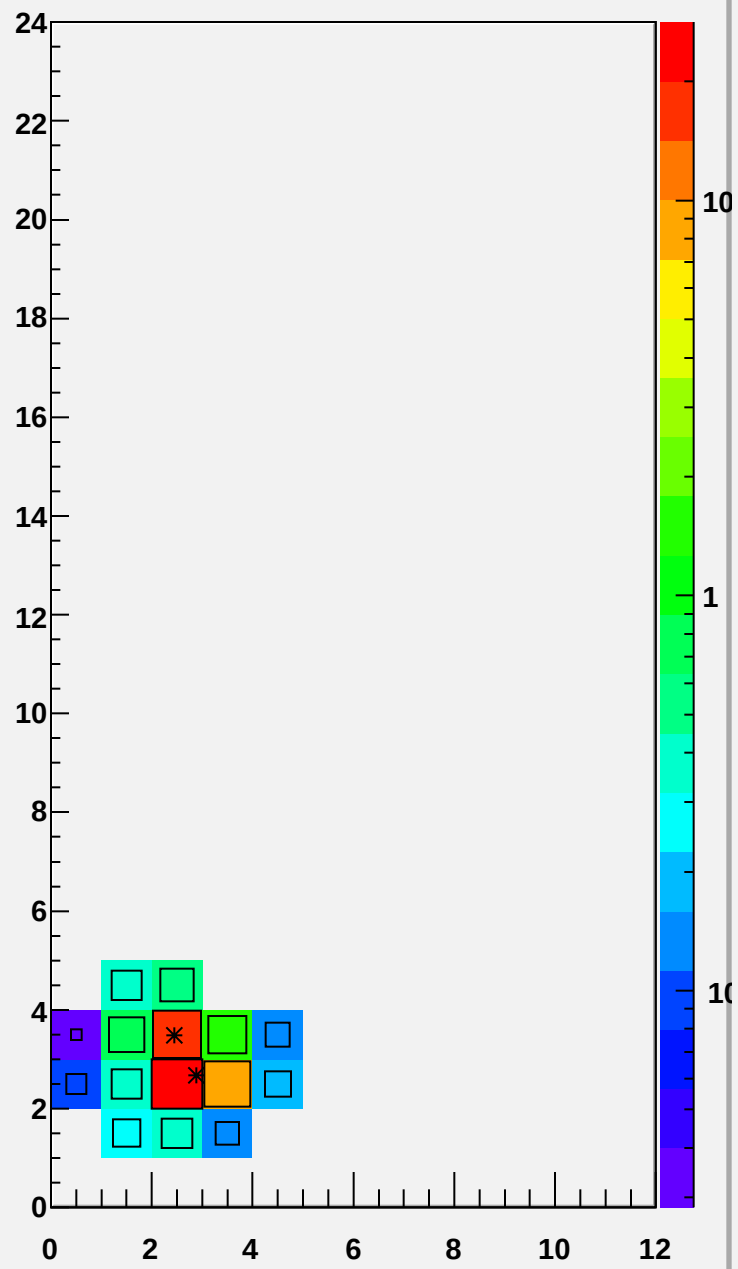
Fitted Energies



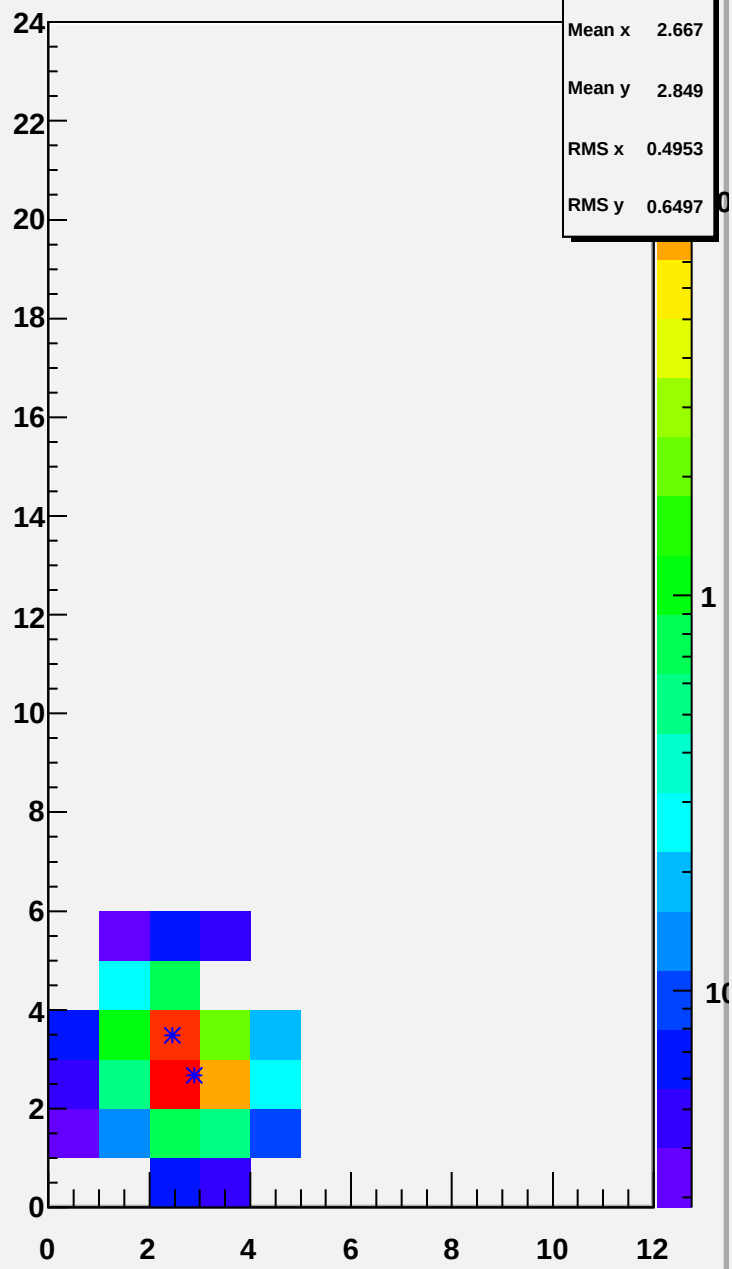
Efit

Entries	288
Mean x	2.495
Mean y	2.954
RMS x	0.3871
RMS y	0.7225

NSTB3_r4_c3_En=59.1_m0=0.137 m1=0.137 index=260



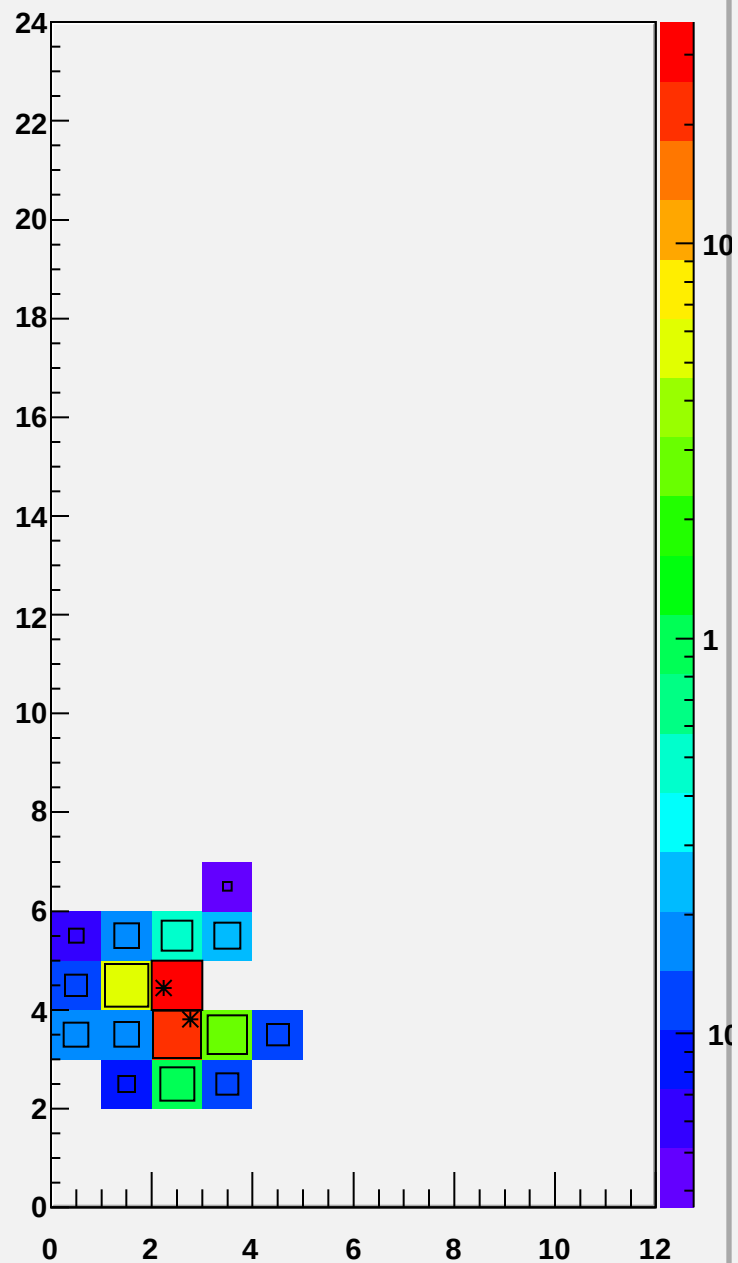
Fitted Energies



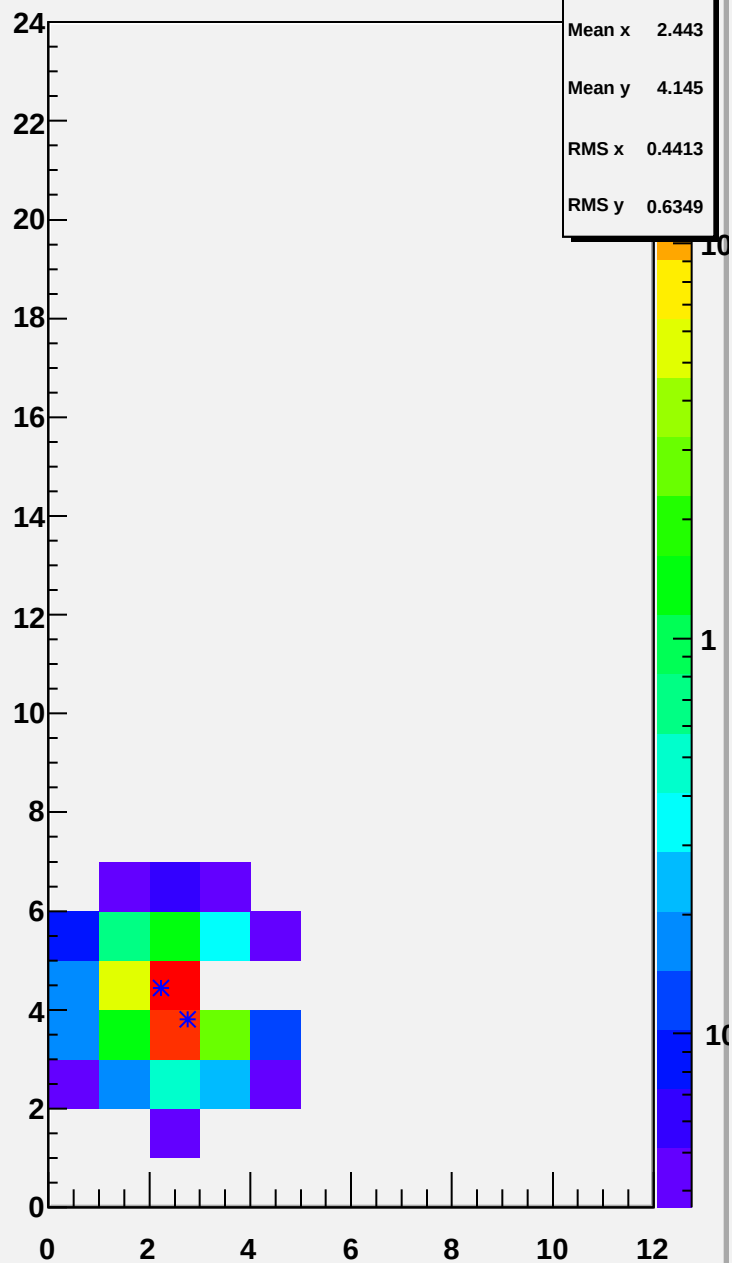
Efit

Entries	288
Mean x	2.667
Mean y	2.849
RMS x	0.4953
RMS y	0.6497

NSTB3_r4_c3_En=69.8_m0=0.154_m1=0.155_index=261



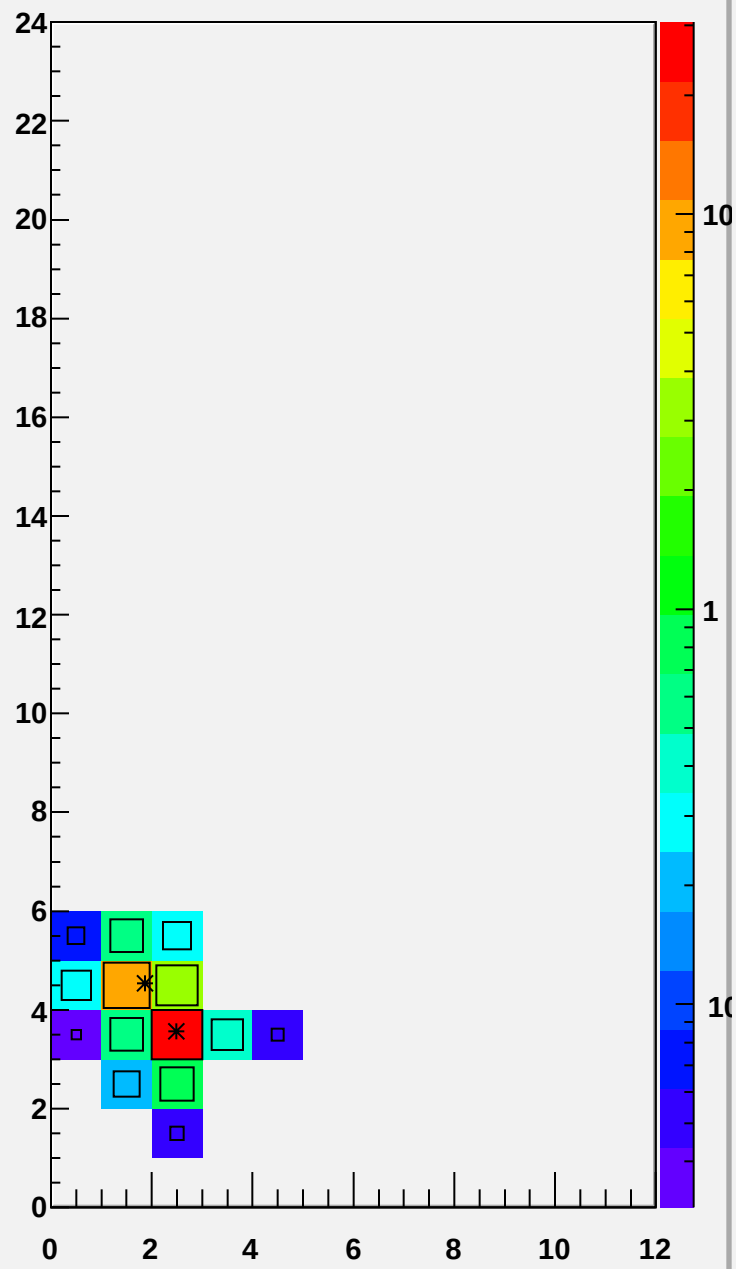
Fitted Energies



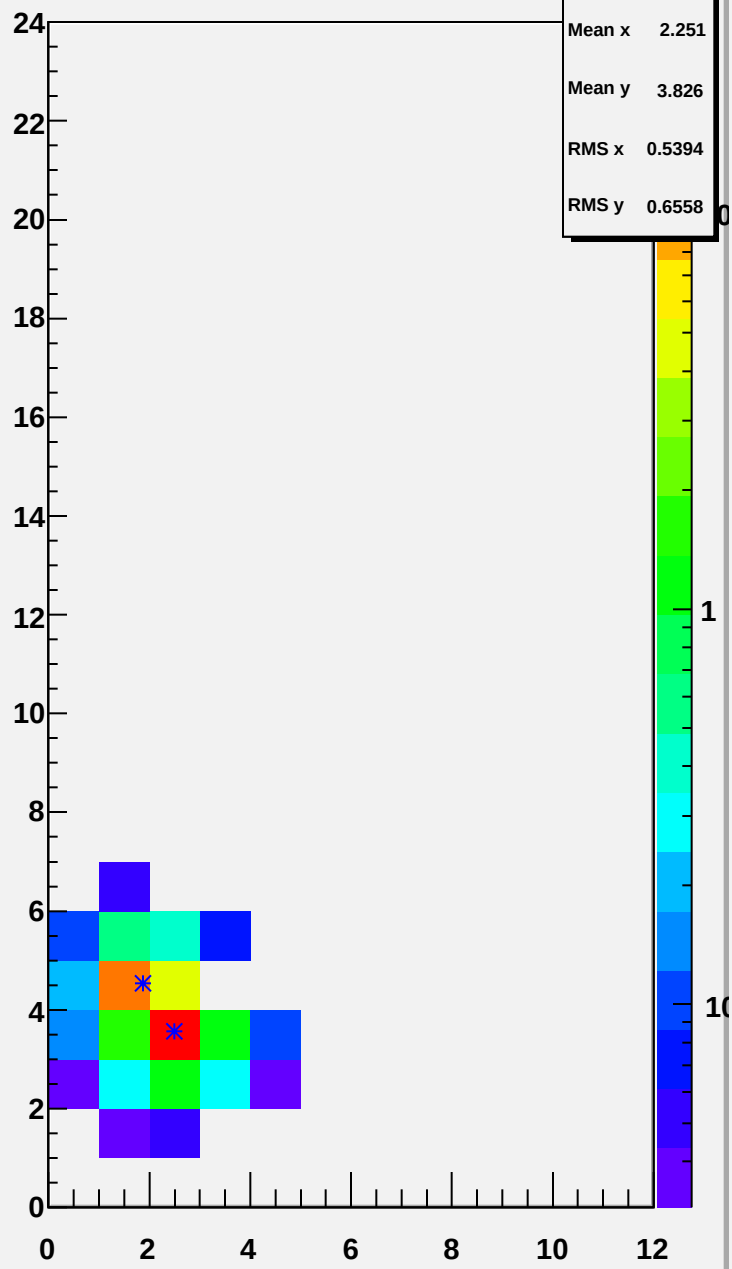
Efit

Entries	288
Mean x	2.443
Mean y	4.145
RMS x	0.4413
RMS y	0.6349

NSTB3_r4_c3_En=47.6_m0=0.150 m1=0.150 index=262



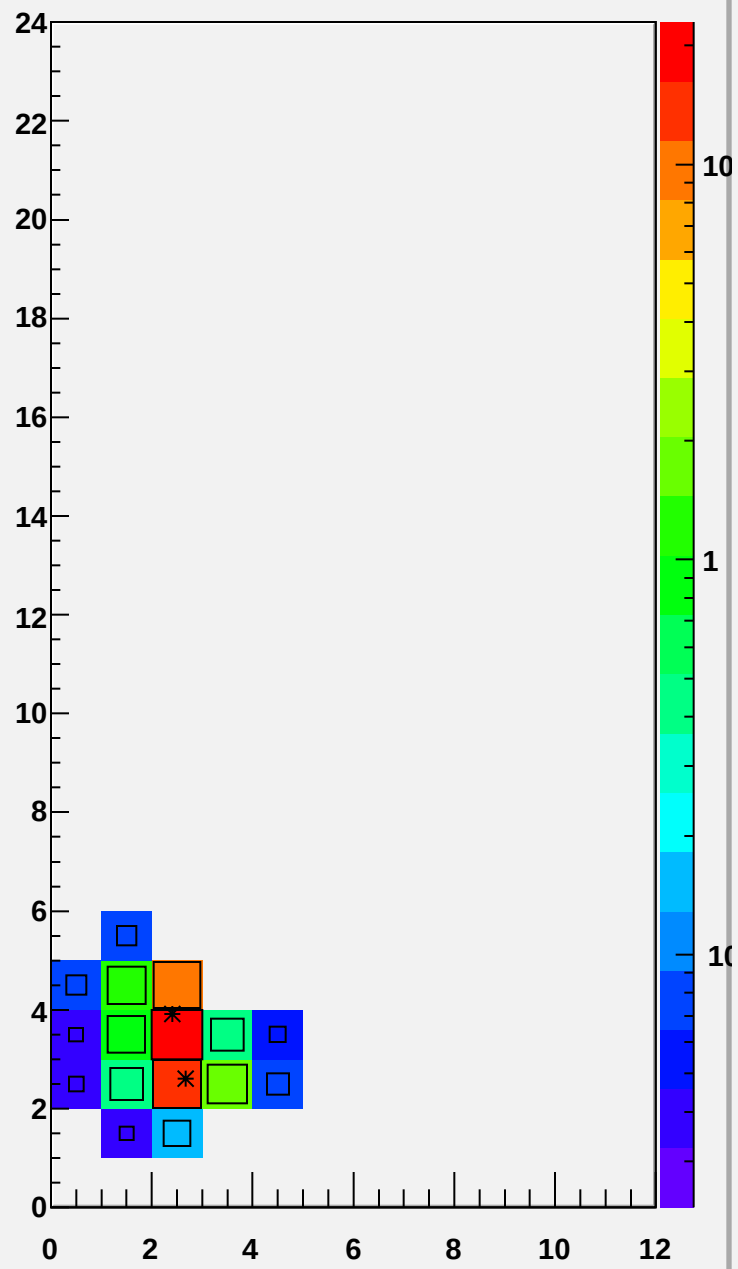
Fitted Energies



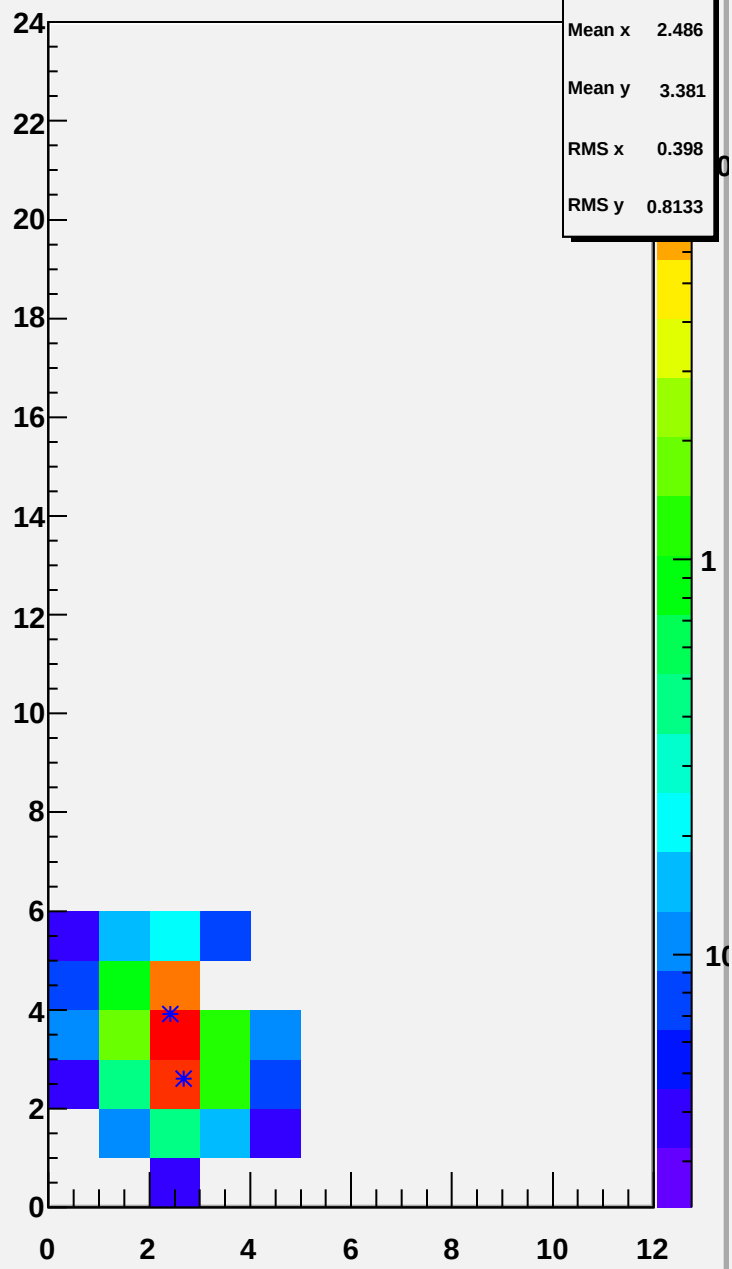
Efit

Entries	288
Mean x	2.251
Mean y	3.826
RMS x	0.5394
RMS y	0.6558

NSTB3_r4_c3_En=50.2_m0=0.177 m1=0.177 index=263



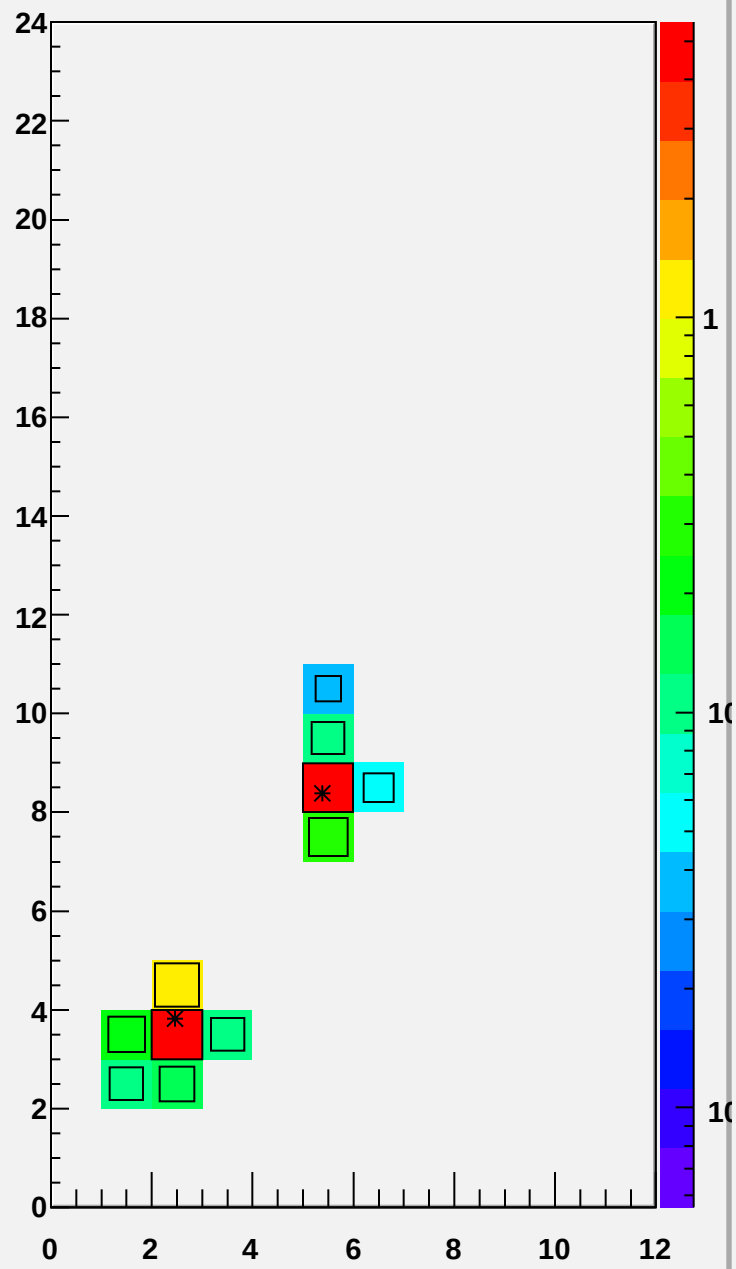
Fitted Energies



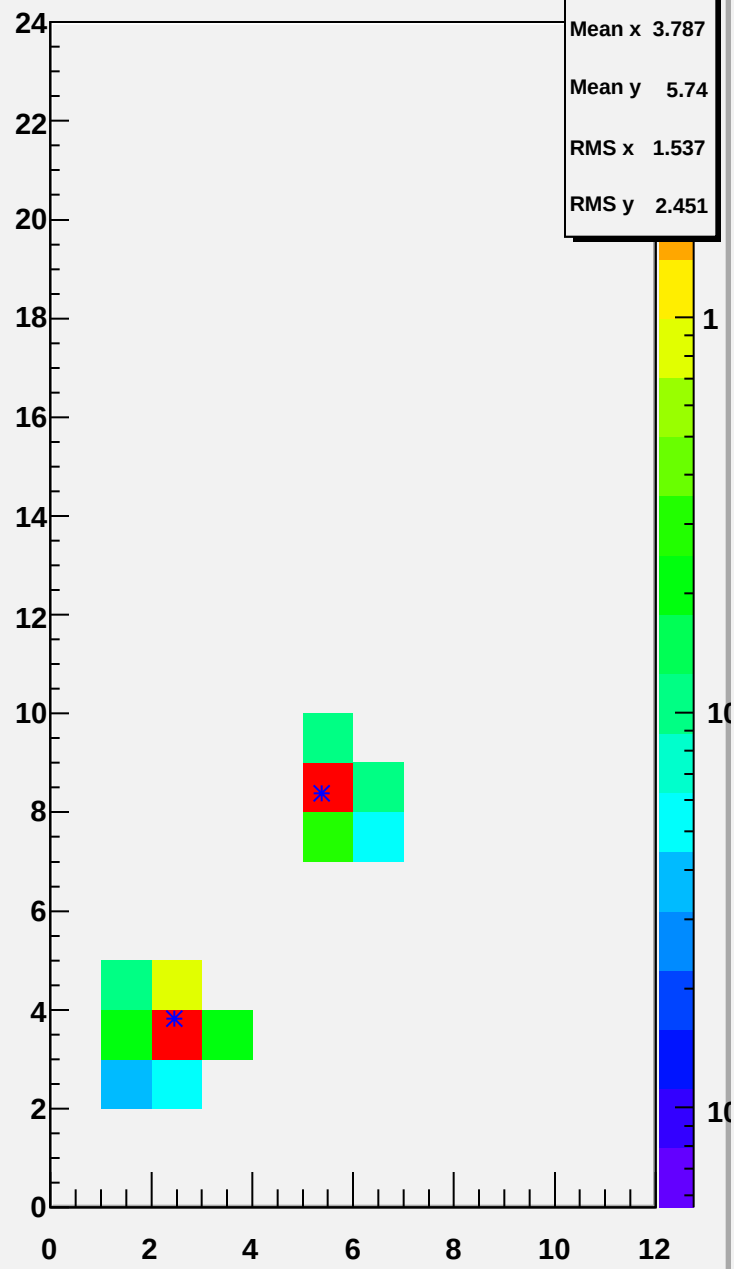
Efit

Entries	288
Mean x	2.486
Mean y	3.381
RMS x	0.398
RMS y	0.8133

NSTB3_r4_c3_En=12.7_m0=0.202 m1=0.202 index=264



Fitted Energies



Efit

Entries 288

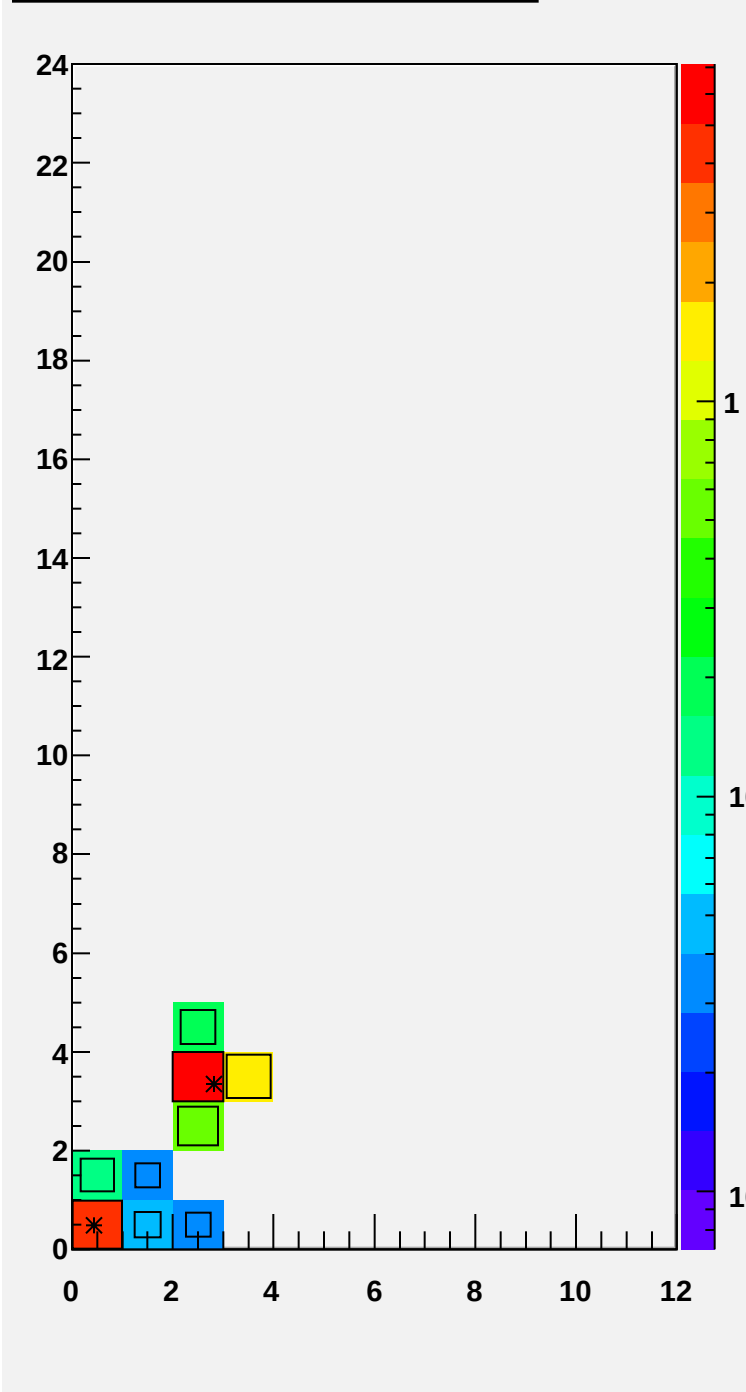
Mean x 3.787

Mean y 5.74

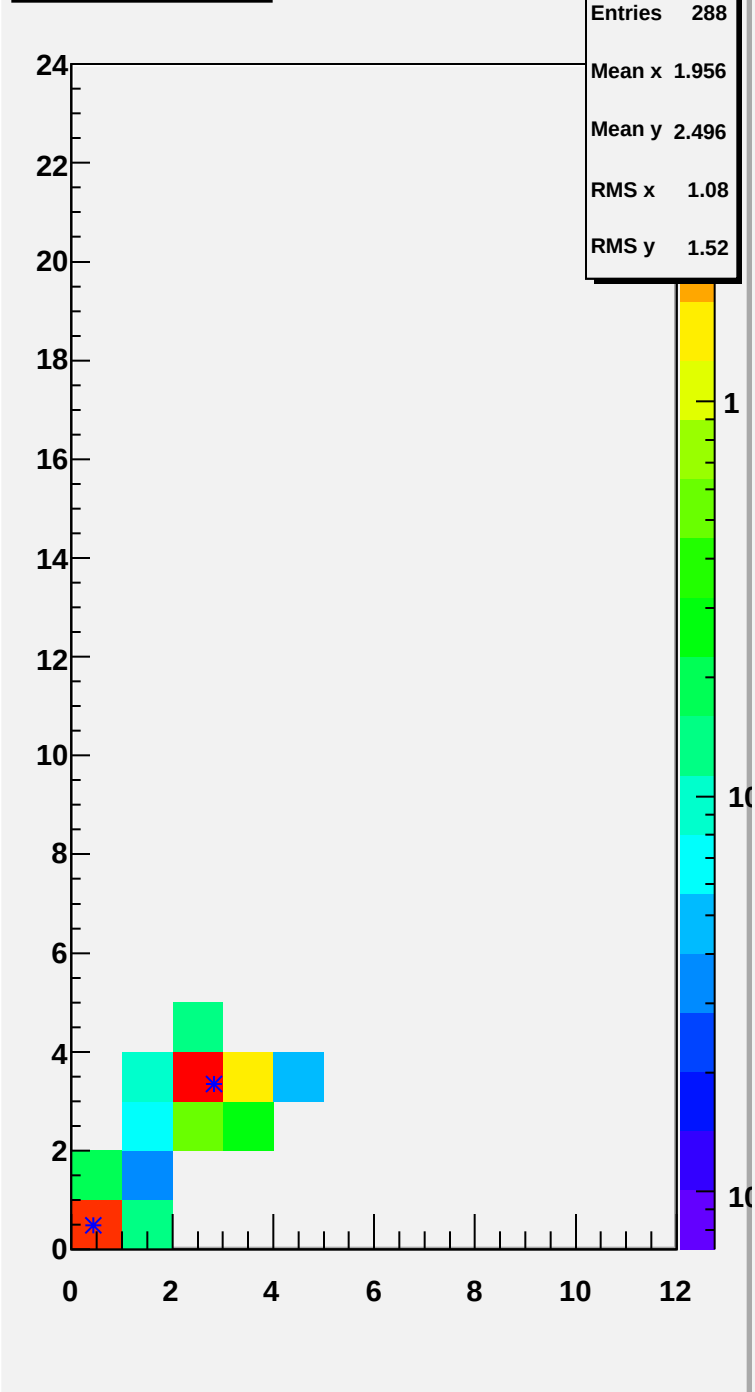
RMS x 1.537

RMS y 2.451

NSTB3_r4_c3_En=14.4_m0=0.153 m1=0.153 index=265



Fitted Energies



Efit

Entries 288

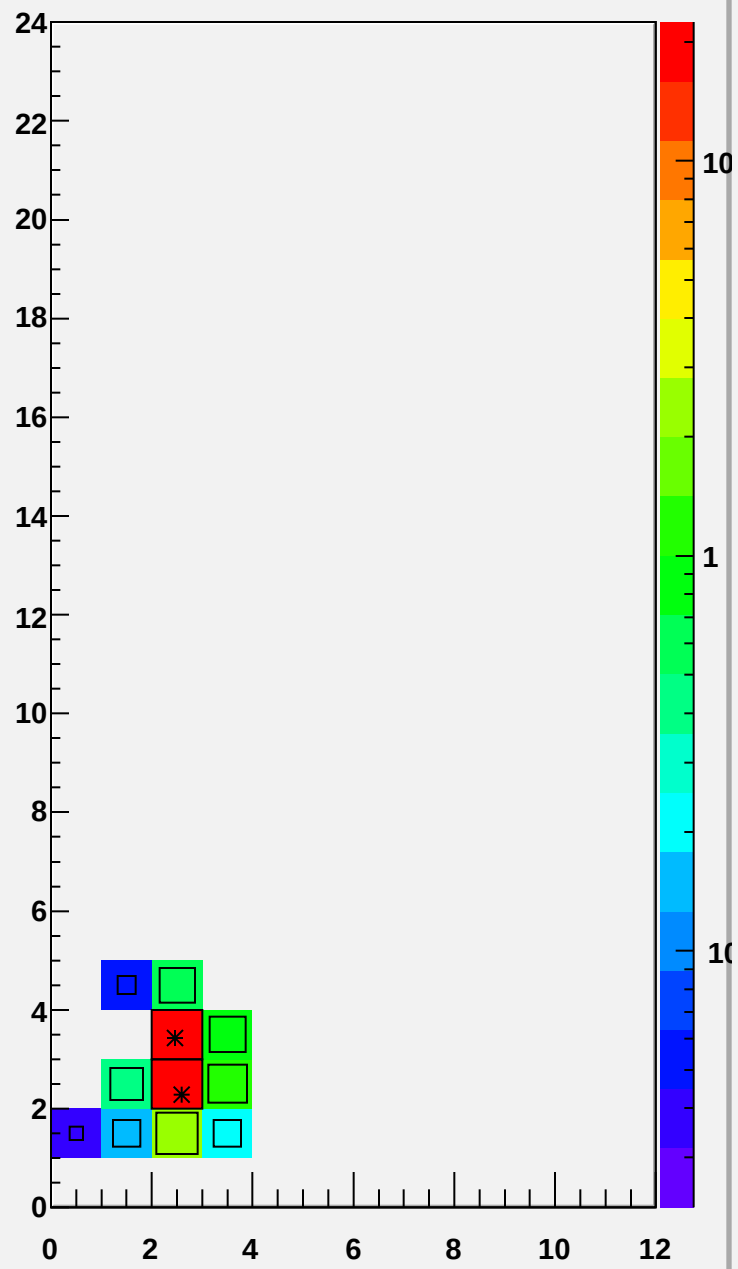
Mean x 1.956

Mean v 2 496

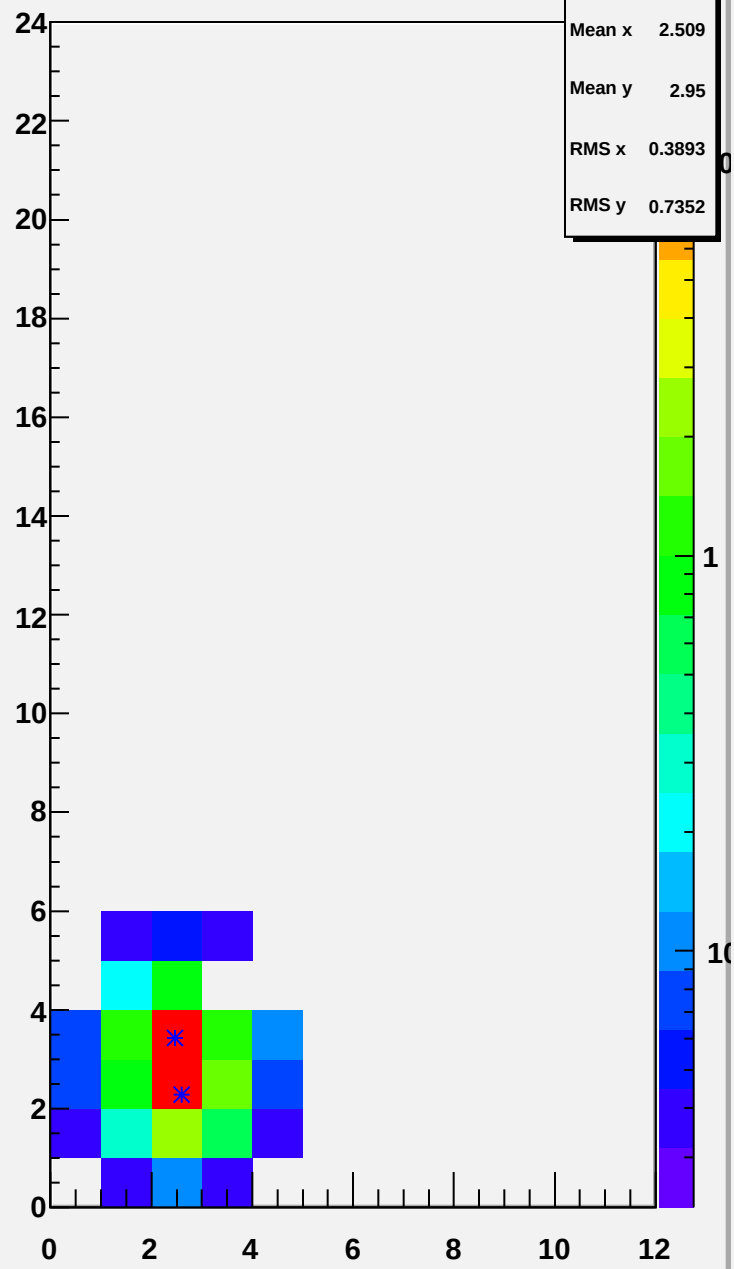
mean $y = 2.450$

RMS x	1.08

NSTB3_r4_c3_En=50.5_m0=0.166 m1=0.167 index=266



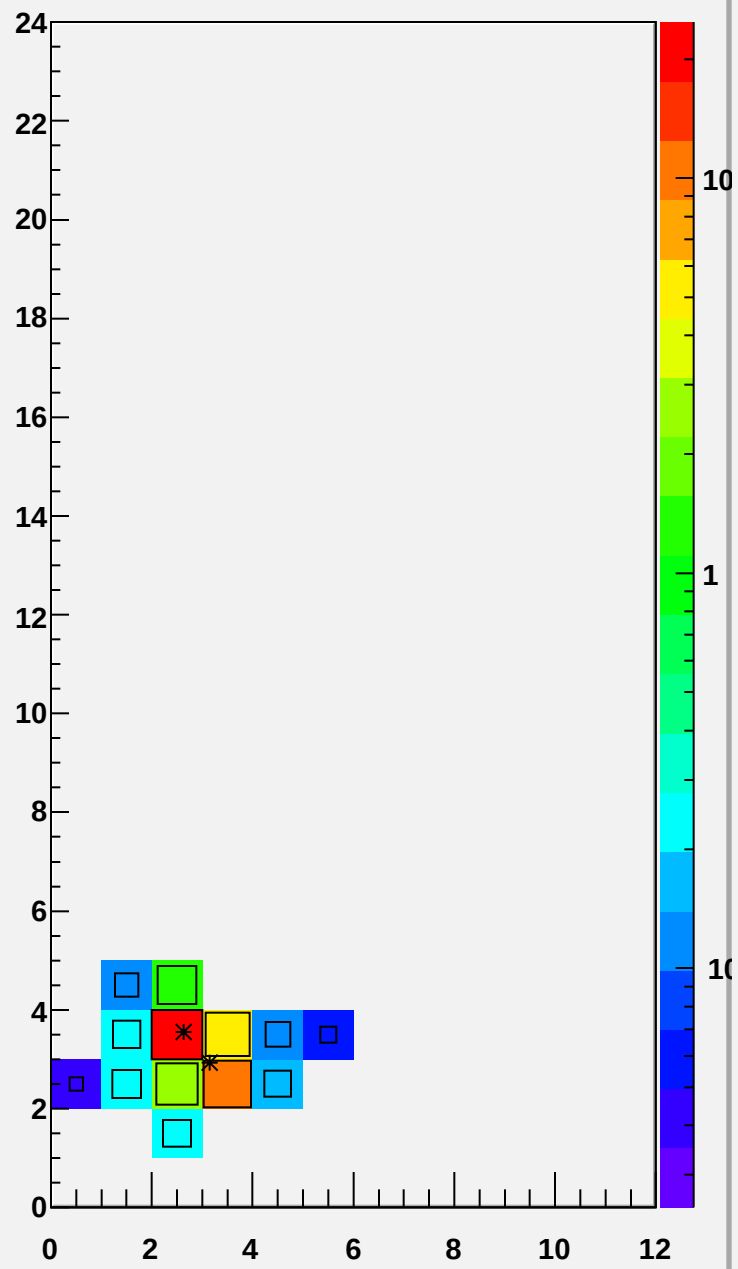
Fitted Energies



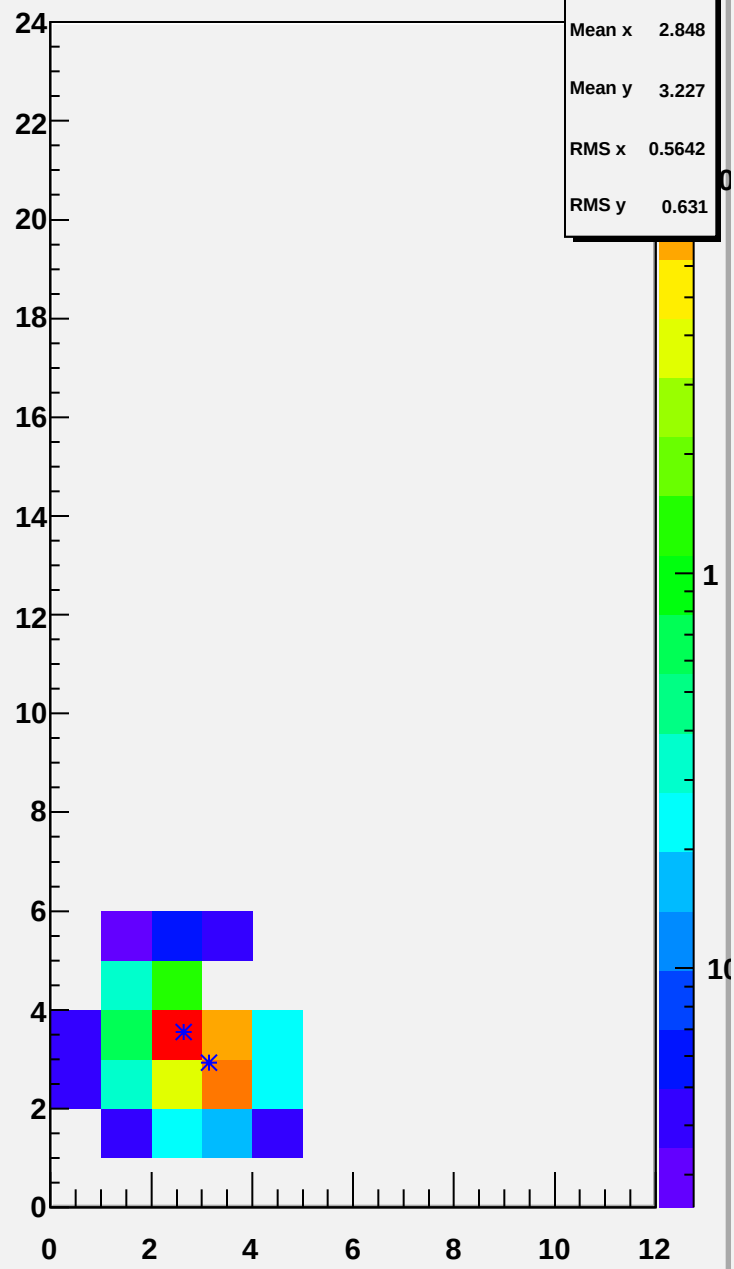
Efit

Entries	288
Mean x	2.509
Mean y	2.95
RMS x	0.3893
RMS y	0.7352

NSTB3_r4_c3_En=46.3_m0=0.111 m1=0.111 index=267



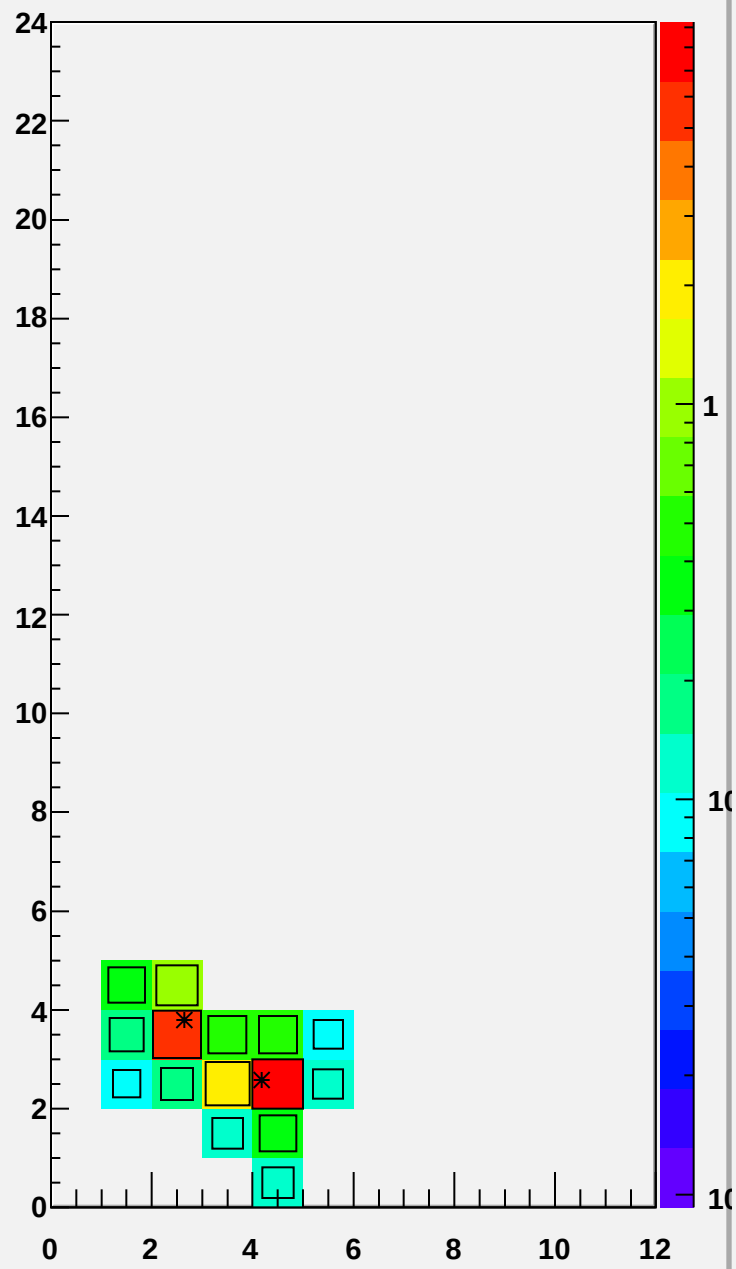
Fitted Energies



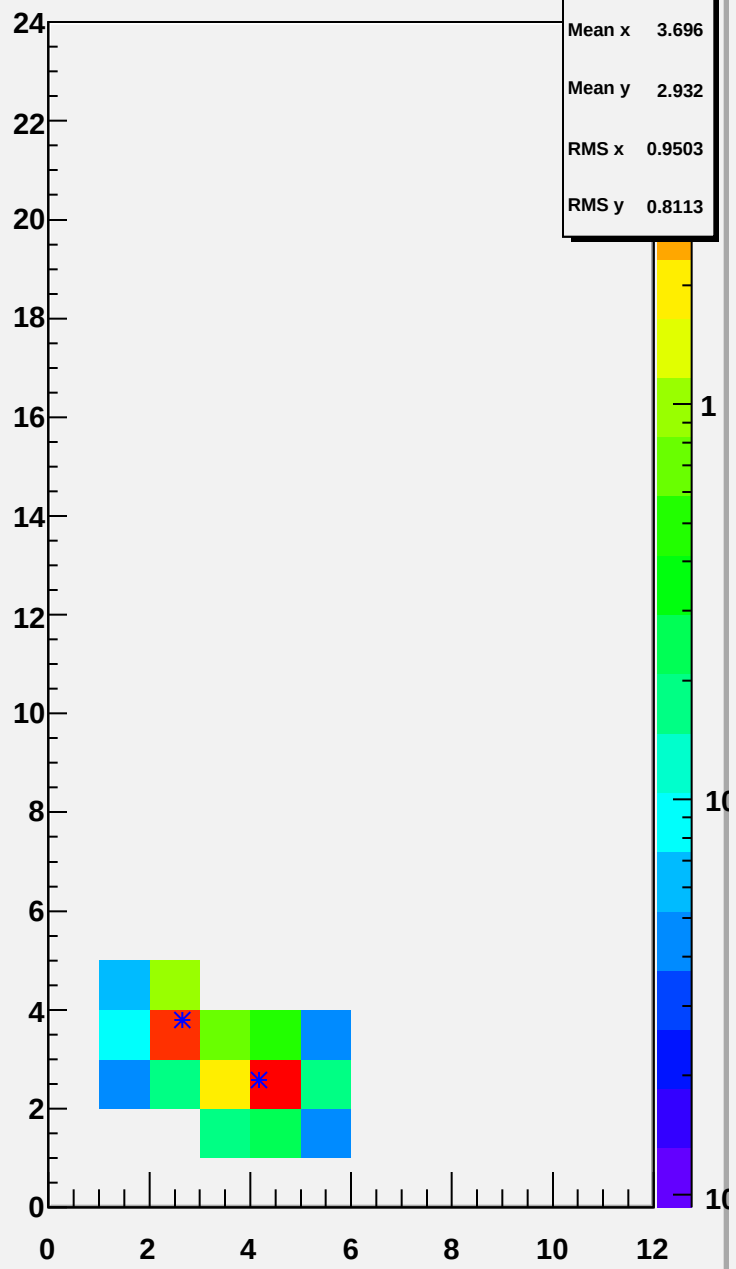
Efit

Entries	288
Mean x	2.848
Mean y	3.227
RMS x	0.5642
RMS y	0.631

NSTB3_r4_c3_En=19.8_m0=0.103_m1=0.103_index=268



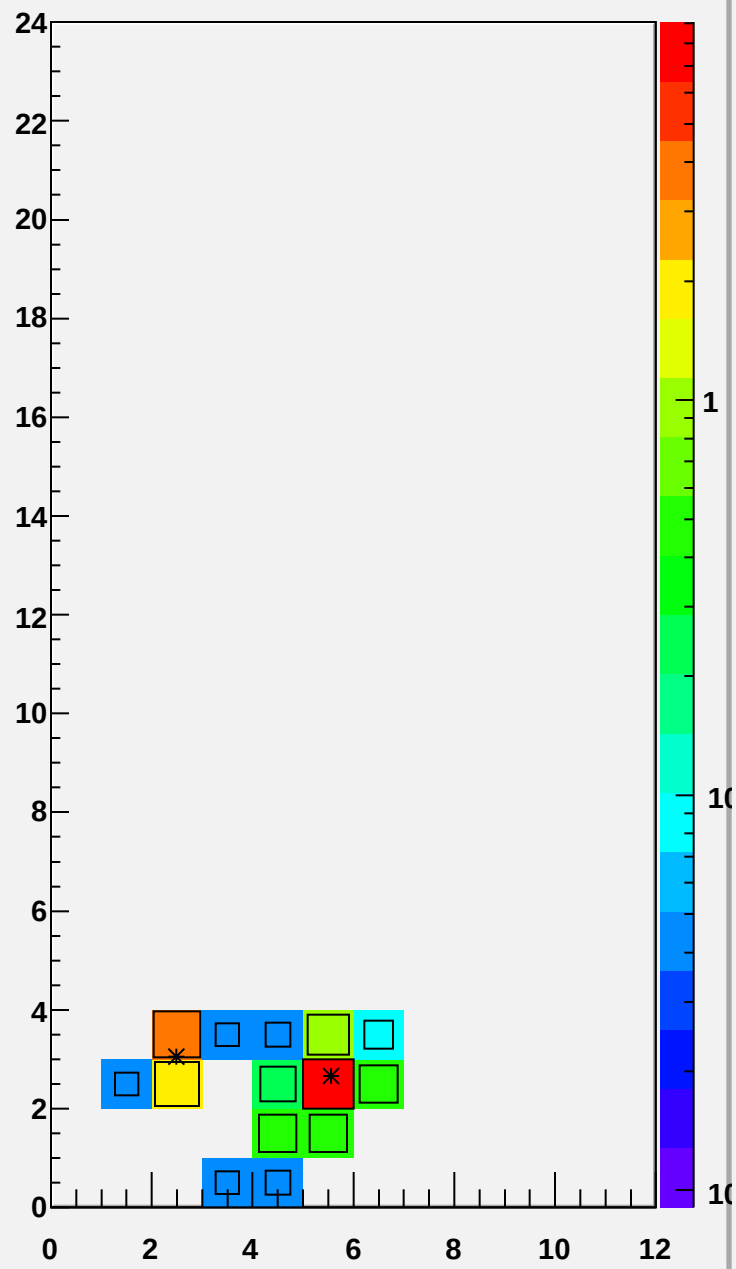
Fitted Energies



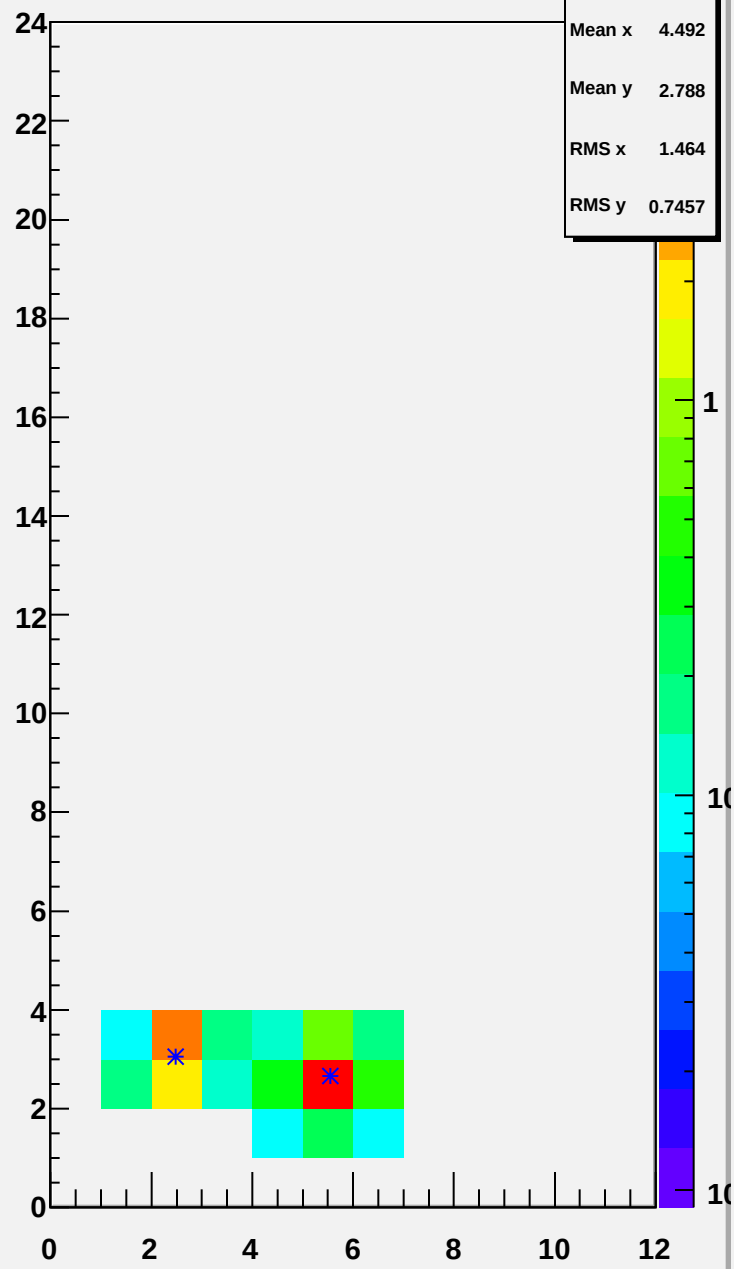
Efit

Entries	288
Mean x	3.696
Mean y	2.932
RMS x	0.9503
RMS y	0.8113

NSTB3_r4_c3_En=17.3_m0=0.141 m1=0.141 index=269



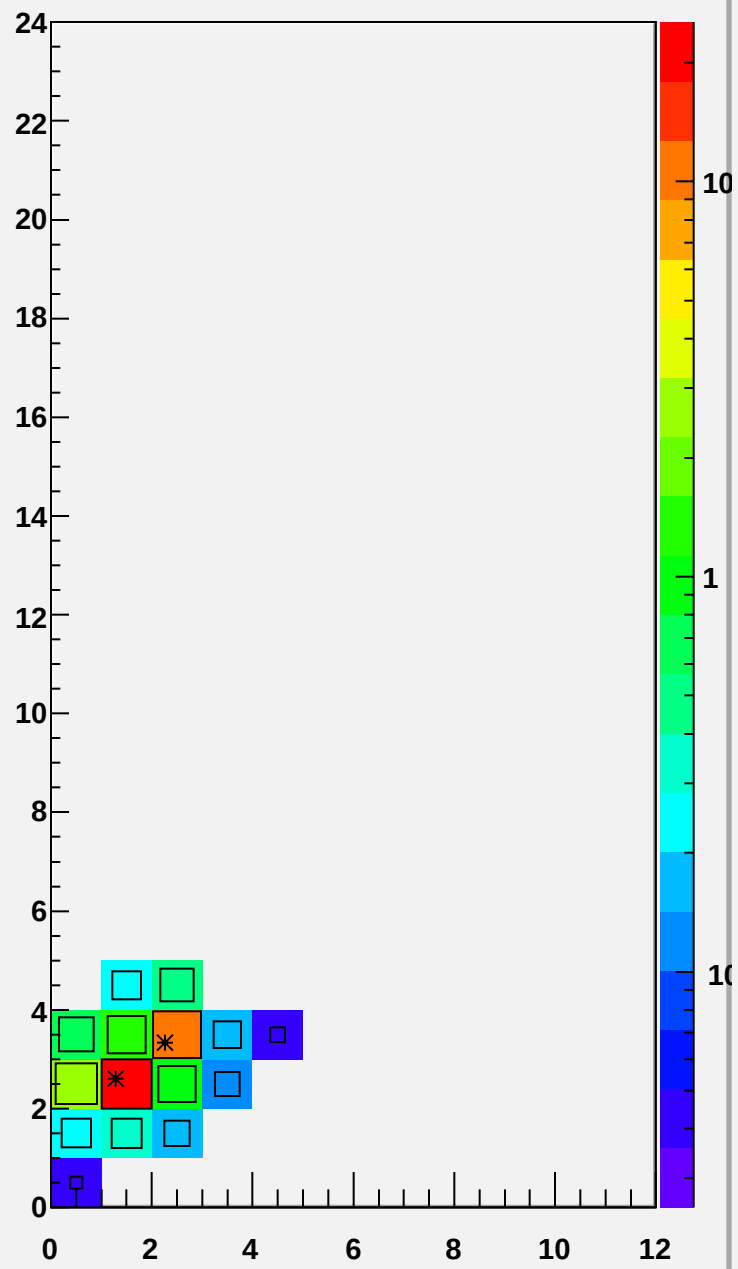
Fitted Energies



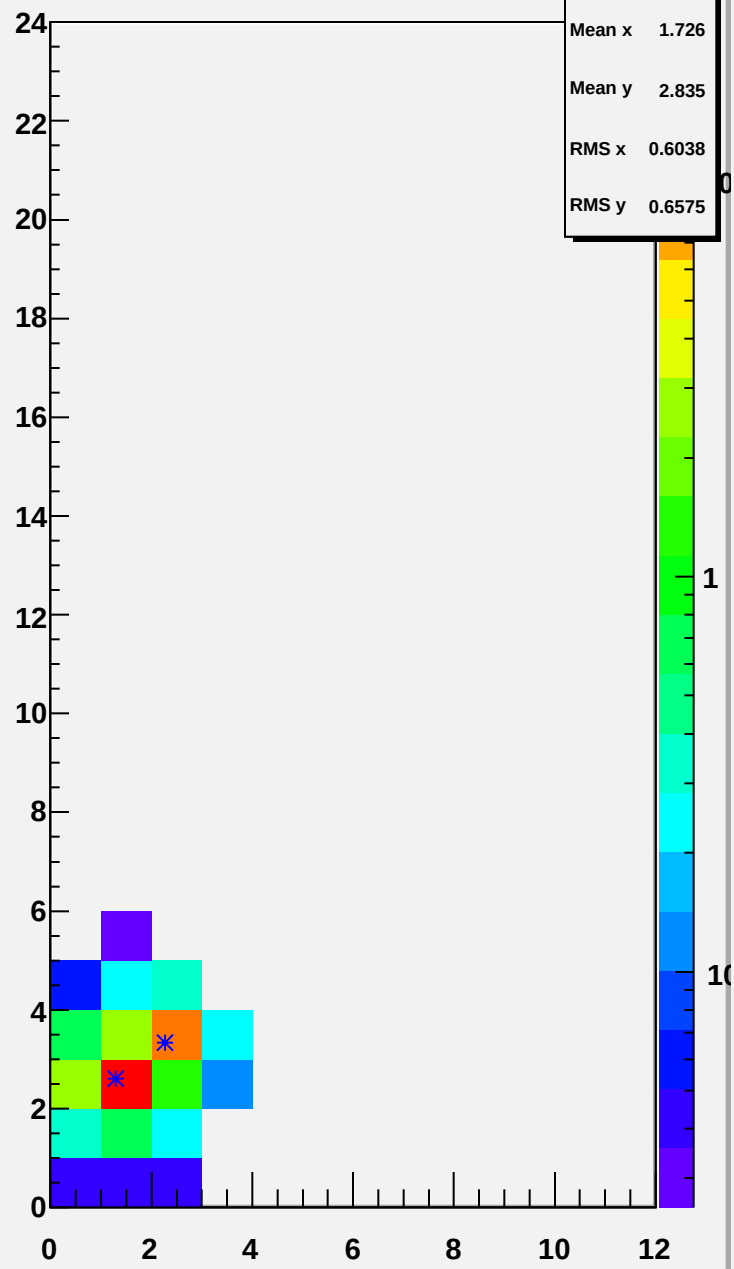
Efit

Entries	288
Mean x	4.492
Mean y	2.788
RMS x	1.464
RMS y	0.7457

NSTB3_r4_c3_En=44.5_m0=0.149_m1=0.148_index=271



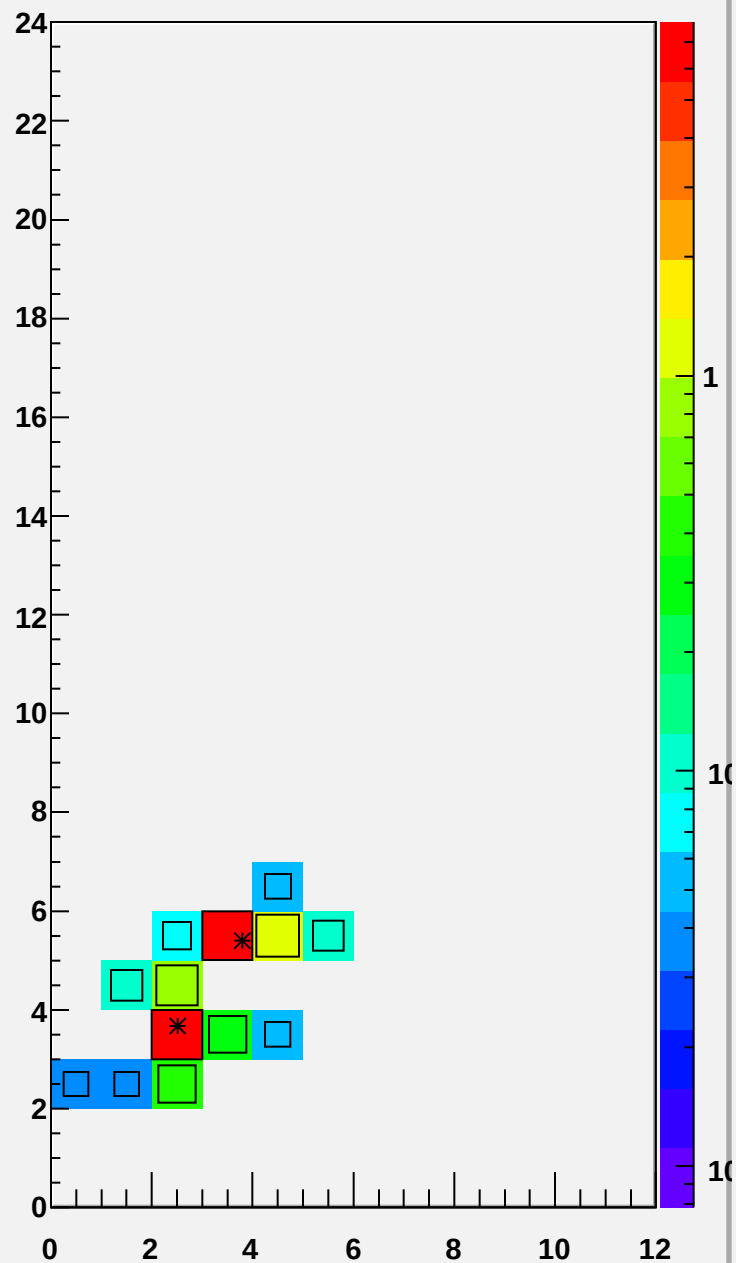
Fitted Energies



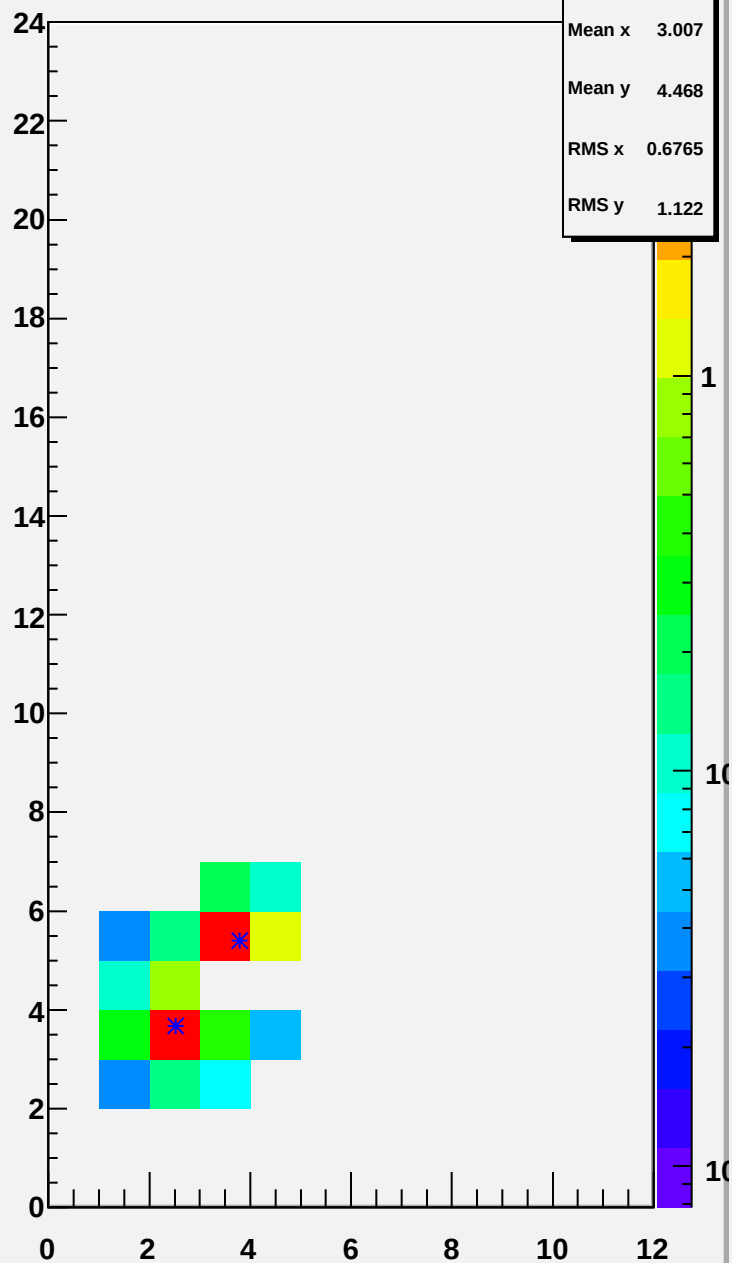
Efit

Entries	288
Mean x	1.726
Mean y	2.835
RMS x	0.6038
RMS y	0.6575

NSTB3_r4_c3_En=17.3_m0=0.108 m1=0.108 index=272



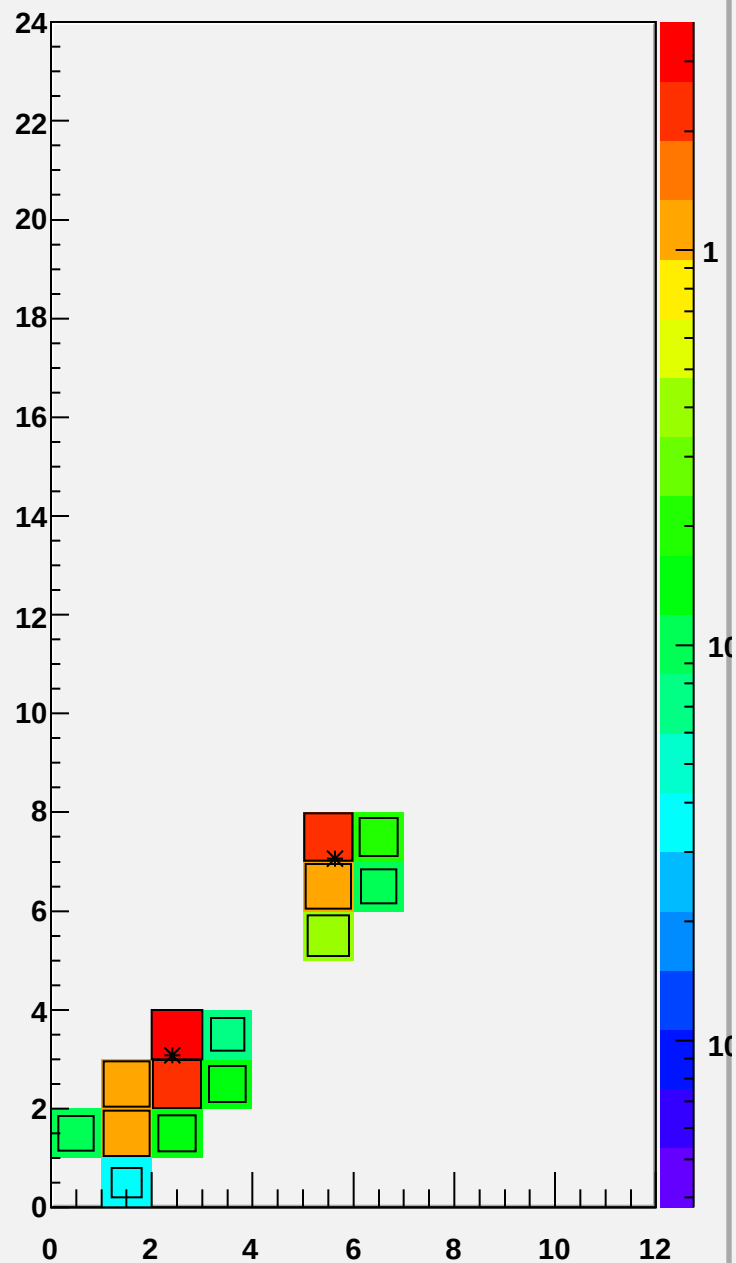
Fitted Energies



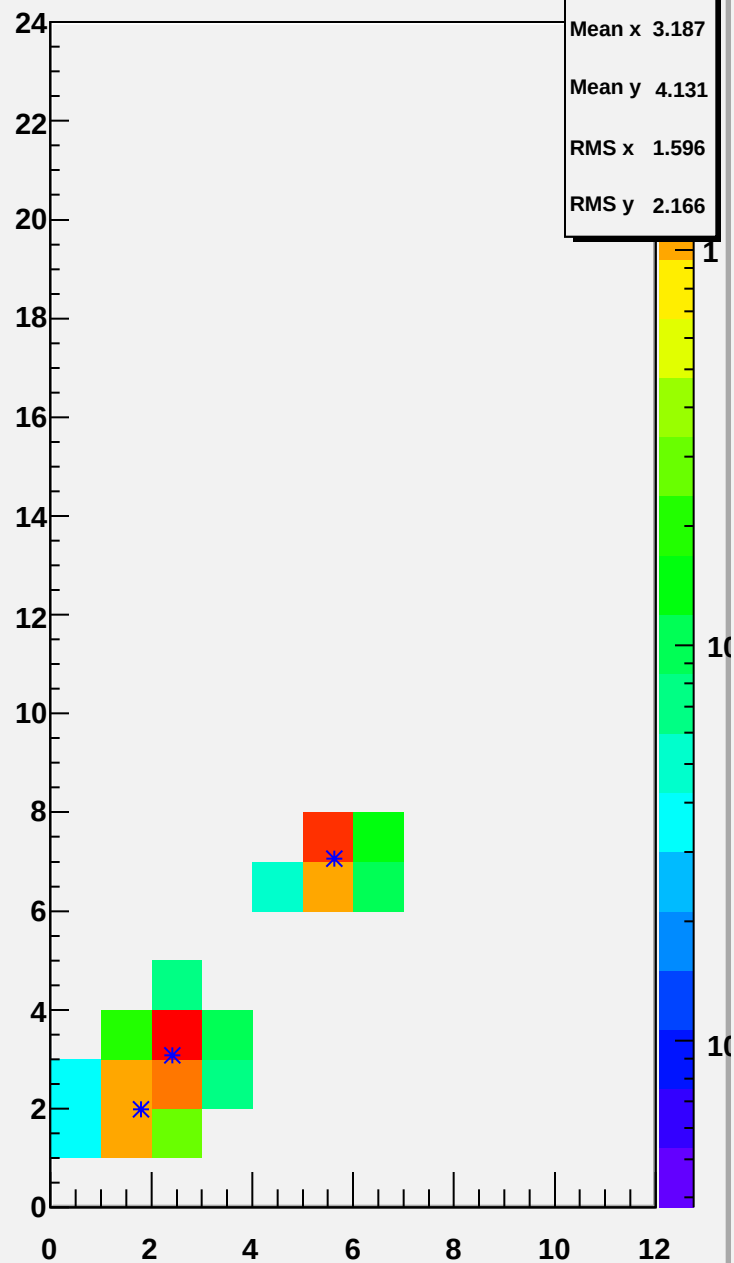
Efit

Entries	288
Mean x	3.007
Mean y	4.468
RMS x	0.6765
RMS y	1.122

NSTB3_r4_c3_En=13.1_m0=0.142_m1=0.142_index=273



Fitted Energies



Efit

Entries 288

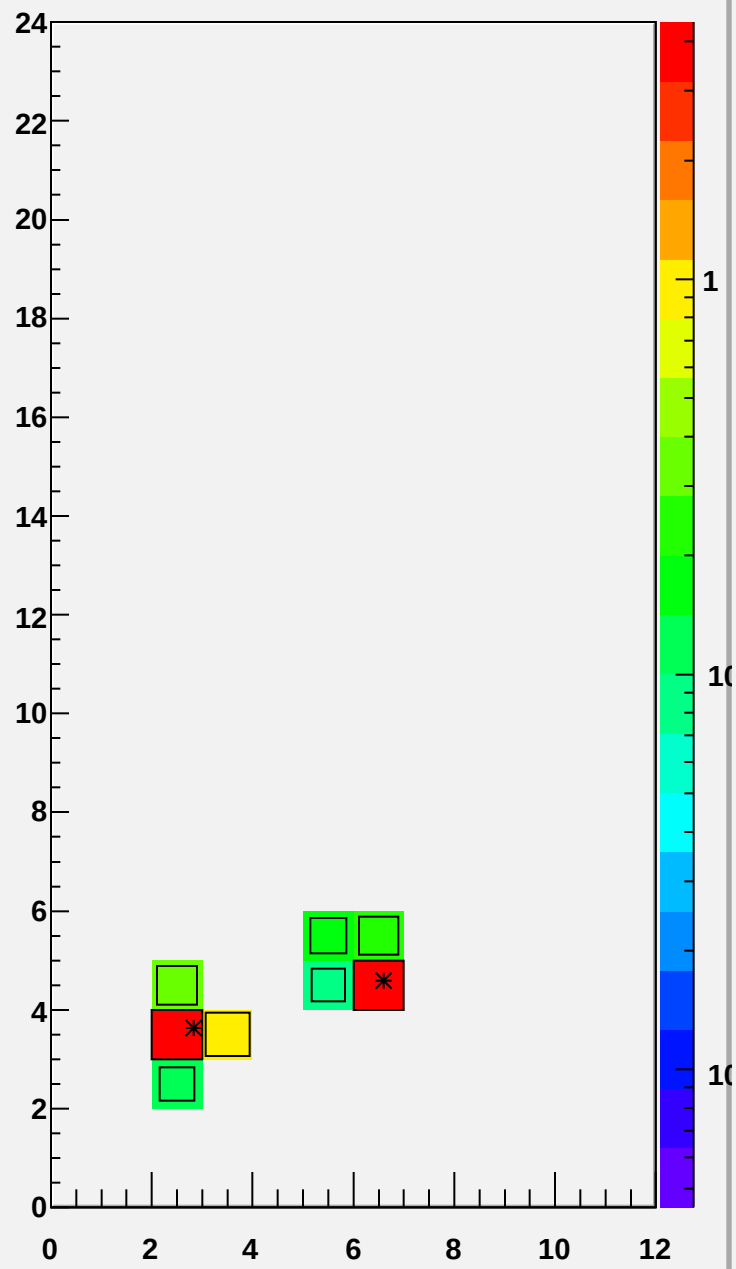
Mean x 3.187

Mean y 4.131

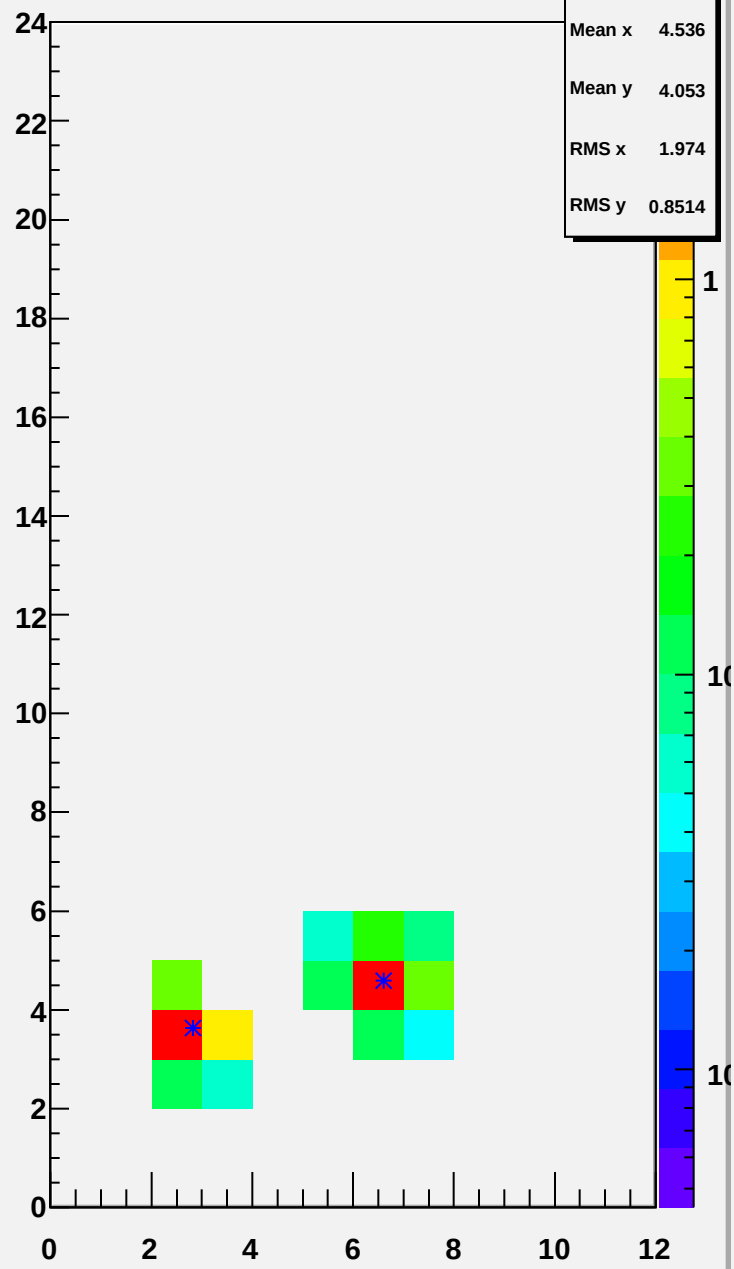
RMS x 1.596

RMS y 2.166

NSTB3_r4_c3_En=10.7_m0=0.123 m1=0.123 index=274



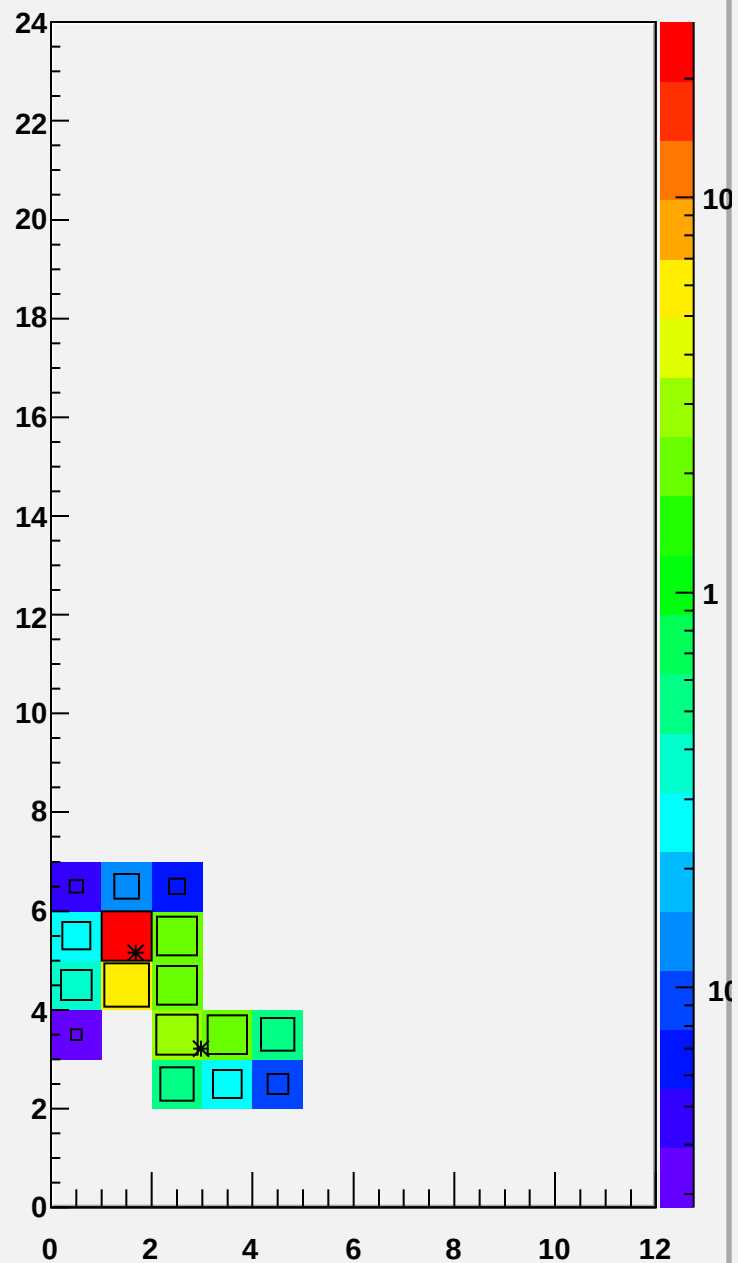
Fitted Energies



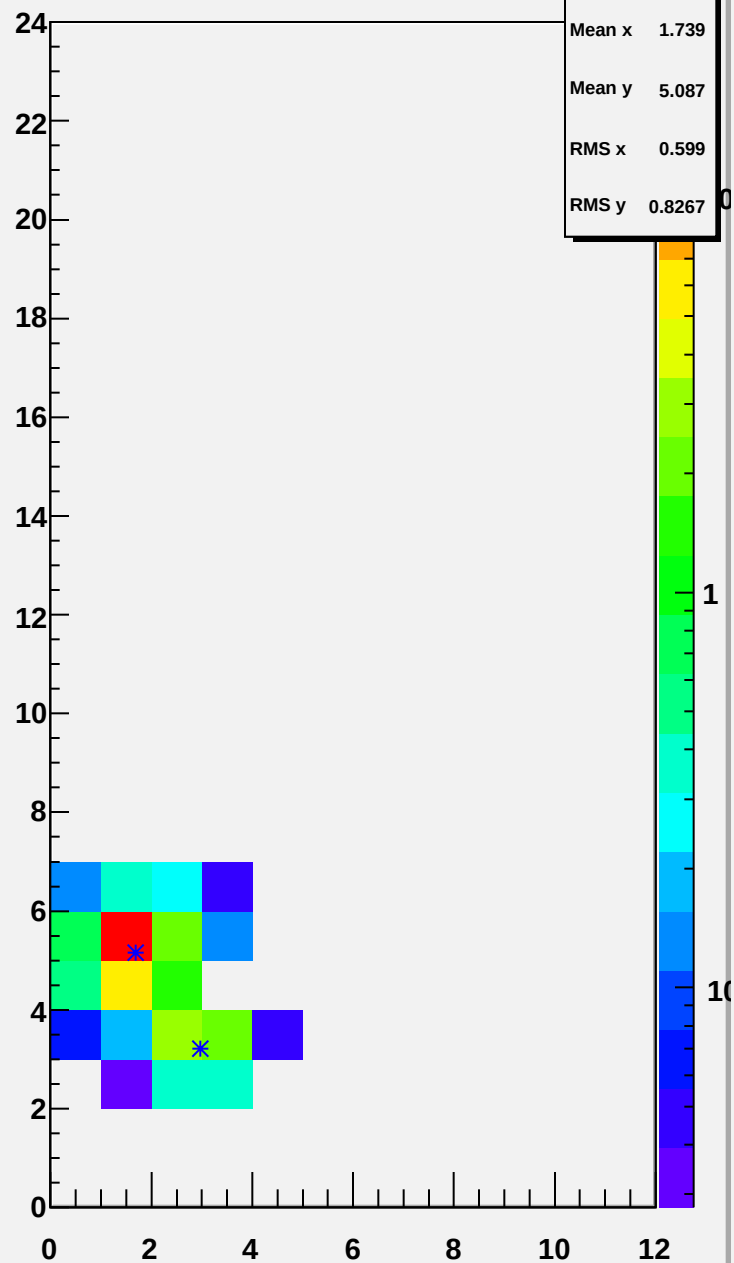
Efit

Entries	288
Mean x	4.536
Mean y	4.053
RMS x	1.974
RMS y	0.8514

NSTB3_r4_c3_En=44.0_m0=0.187 m1=0.187 index=275



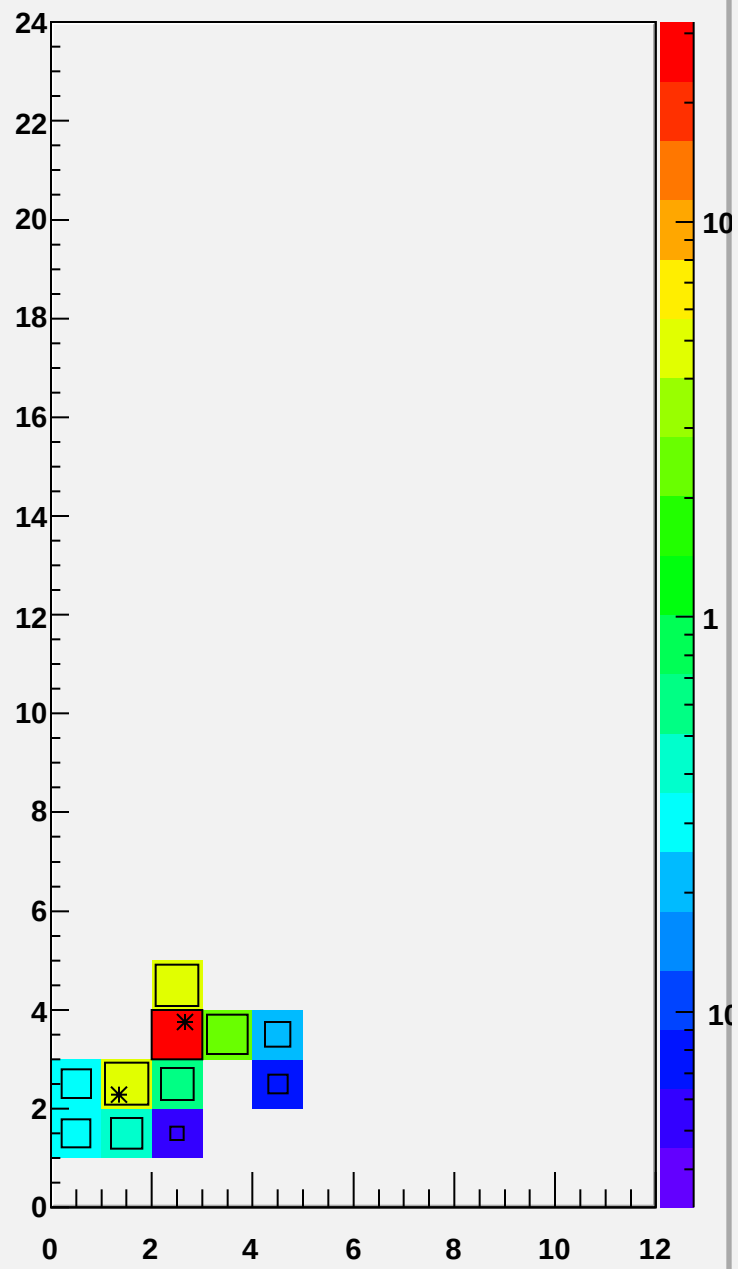
Fitted Energies



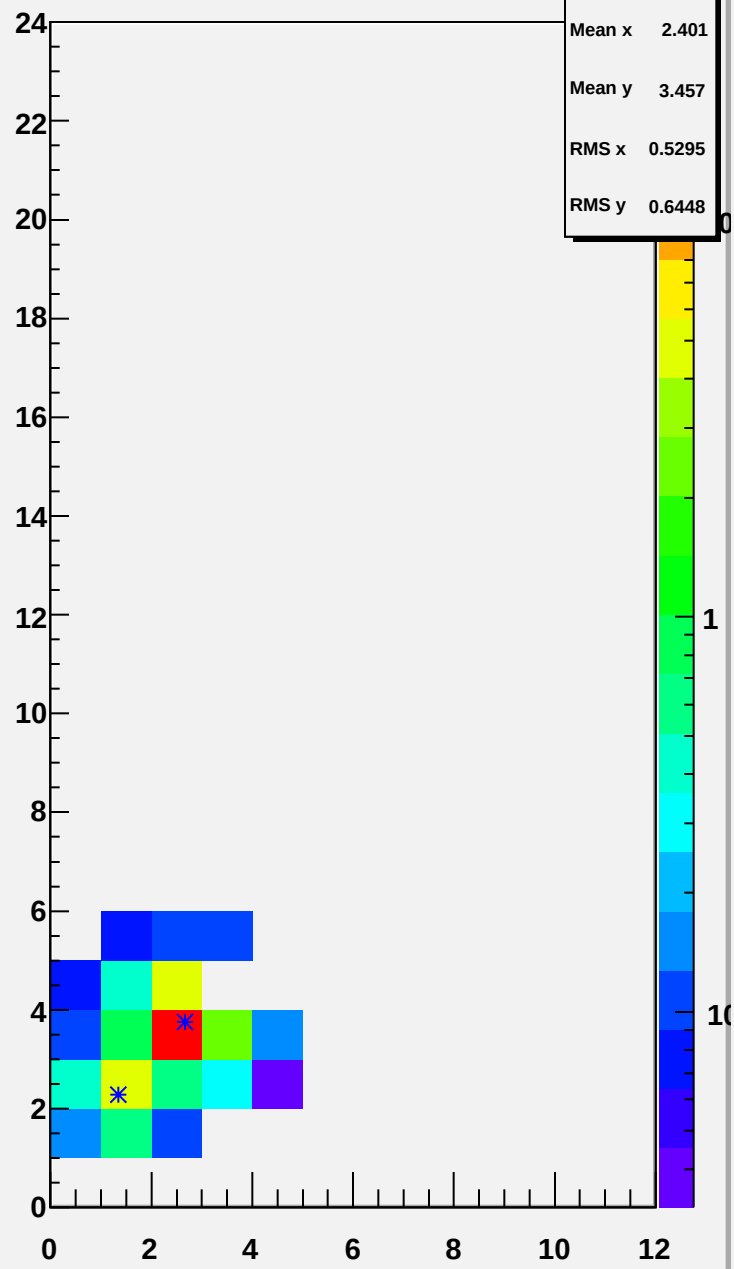
Efit

Entries	288
Mean x	1.739
Mean y	5.087
RMS x	0.599
RMS y	0.8267

NSTB3_r4_c3_En=45.4_m0=0.174 m1=0.174 index=276



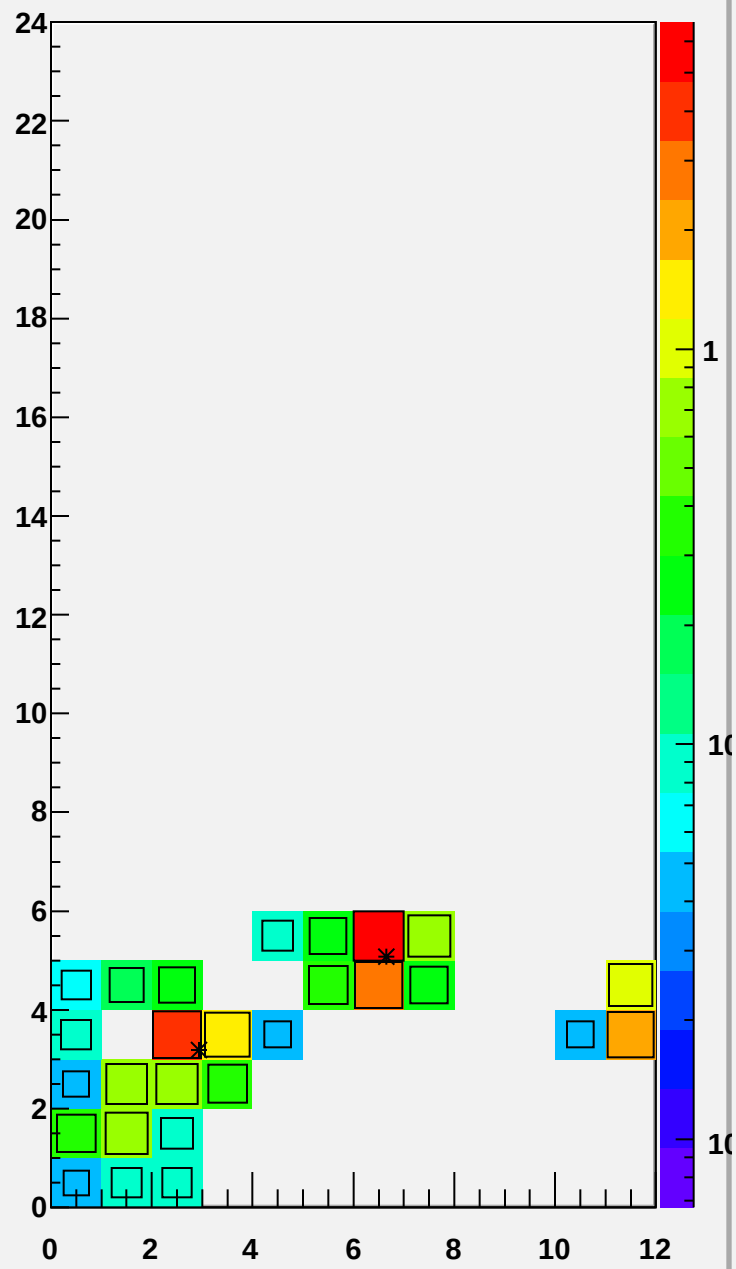
Fitted Energies



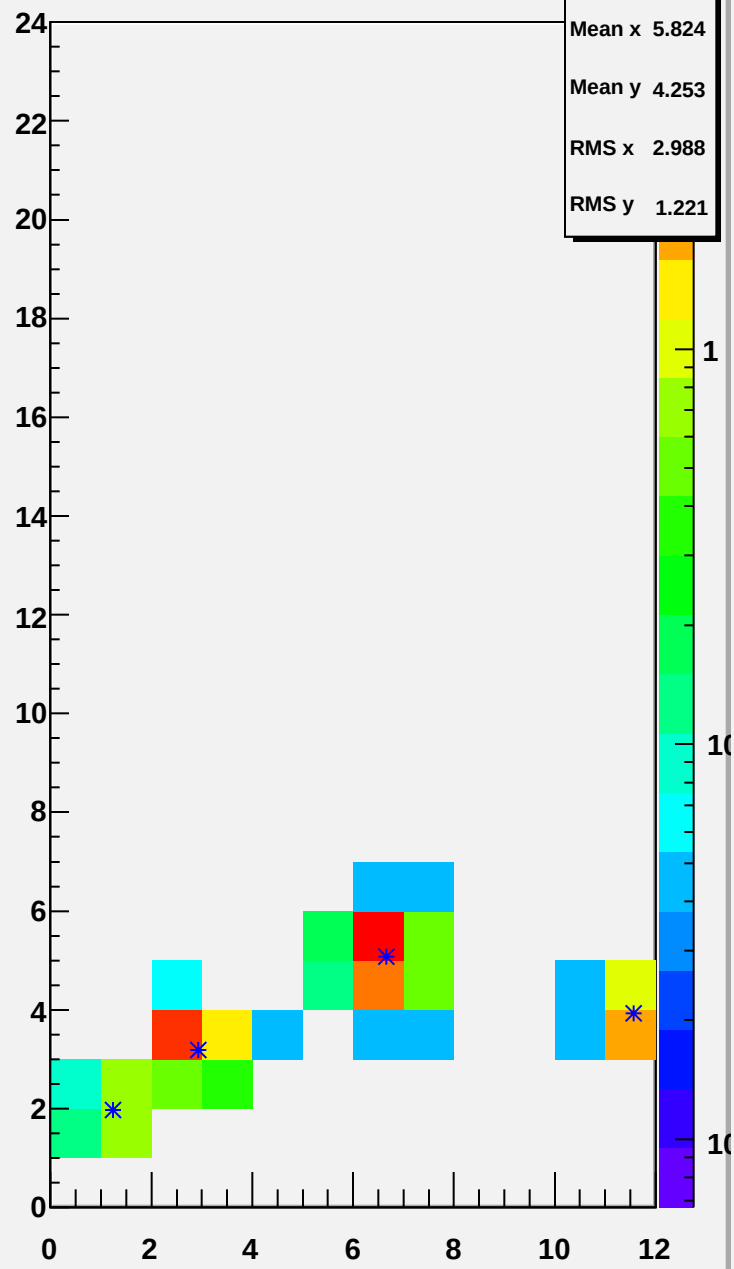
Efit

Entries	288
Mean x	2.401
Mean y	3.457
RMS x	0.5295
RMS y	0.6448

NSTB3_r4_c3_En=23.5_m0=0.196 m1=0.196 index=277



Fitted Energies



Efit

Entries 288

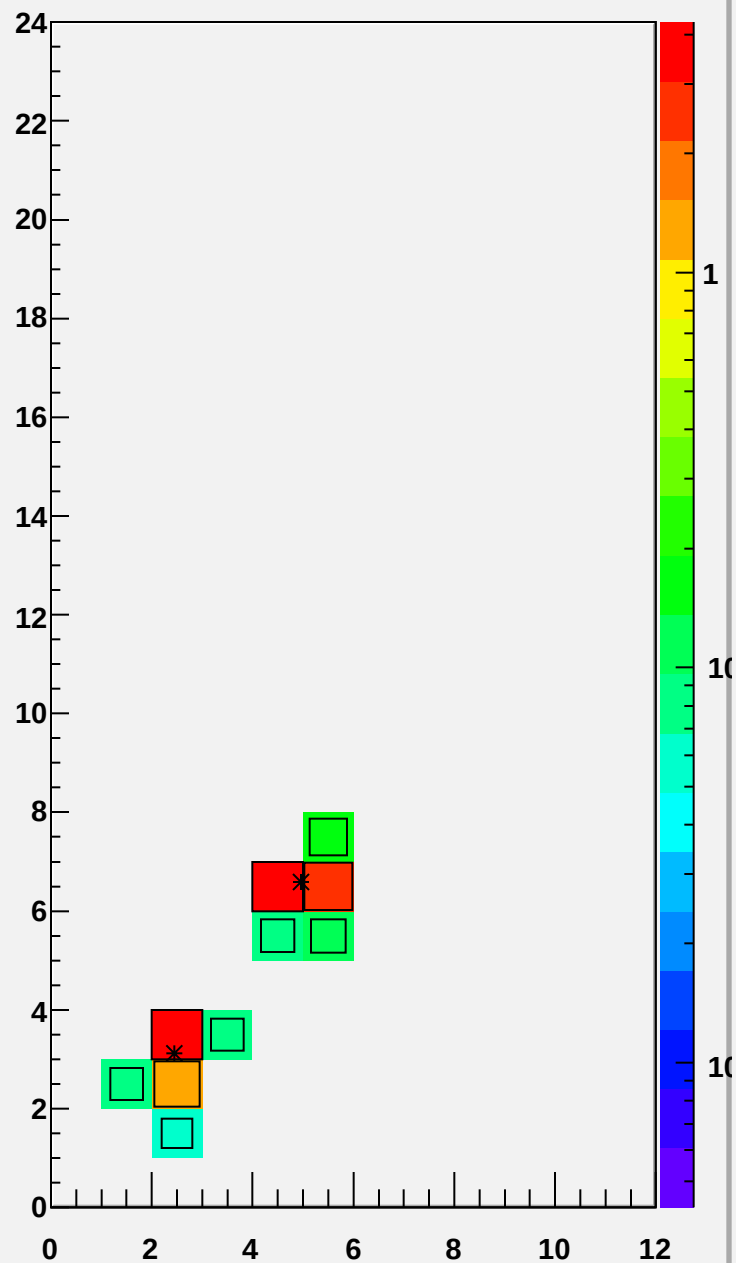
Mean x 5.824

Mean y 4.253

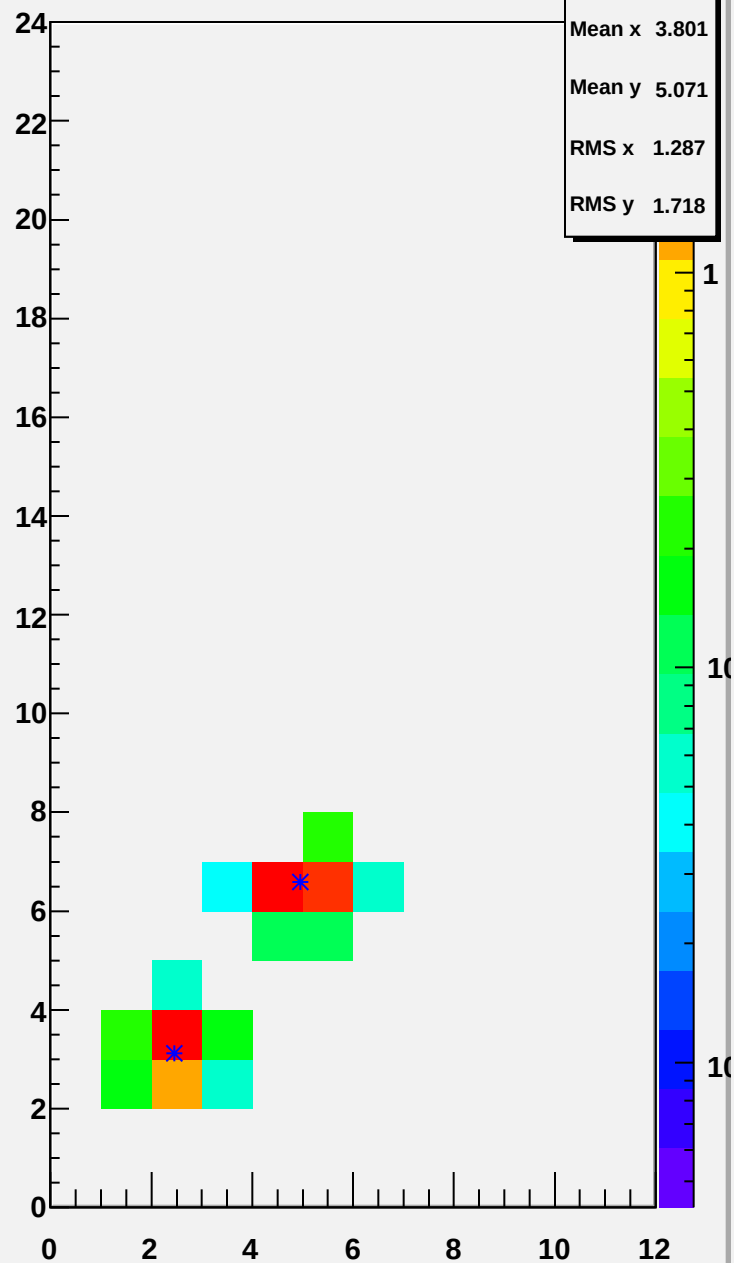
RMS x 2.988

RMS y 1.221

NSTB3_r4_c3_En=12.9_m0=0.164_m1=0.164_index=278



Fitted Energies



Efit

Entries 288

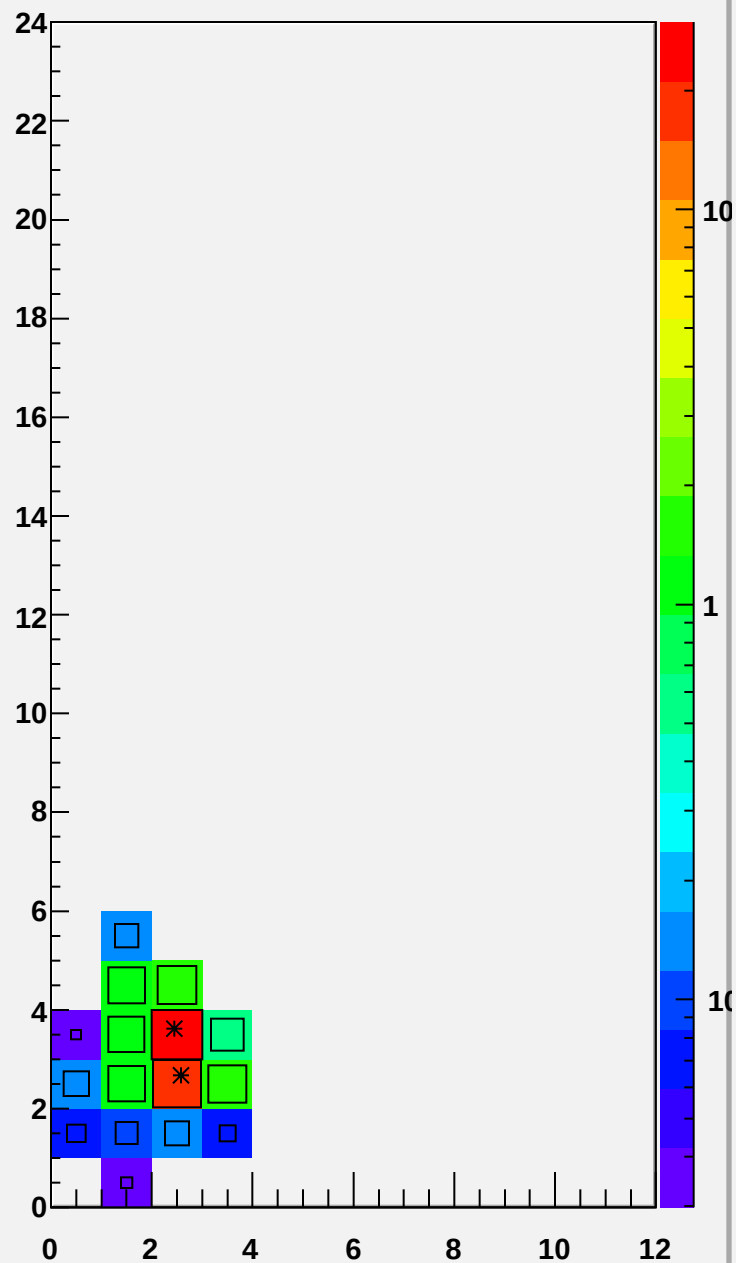
Mean x 3.801

Mean y 5.071

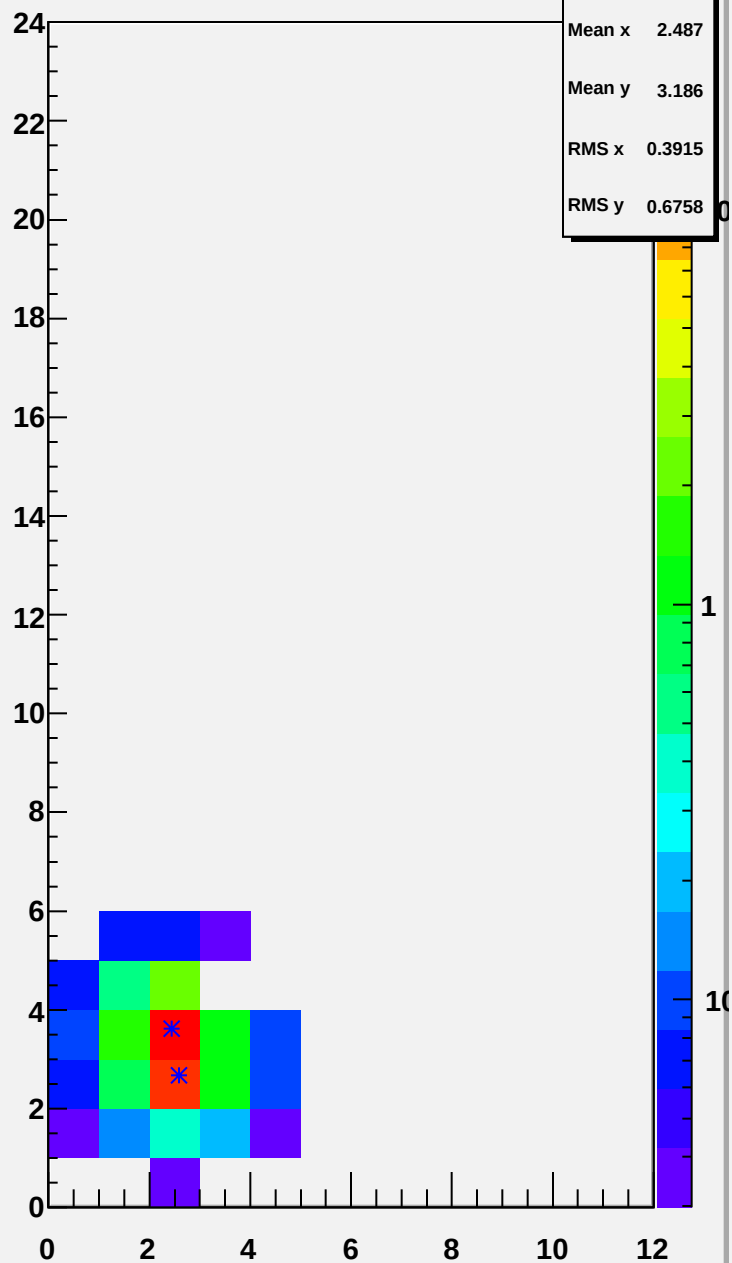
RMS x 1.287

RMS y 1.718

NSTB3_r4_c3_En=54.4_m0=0.136 m1=0.136 index=279



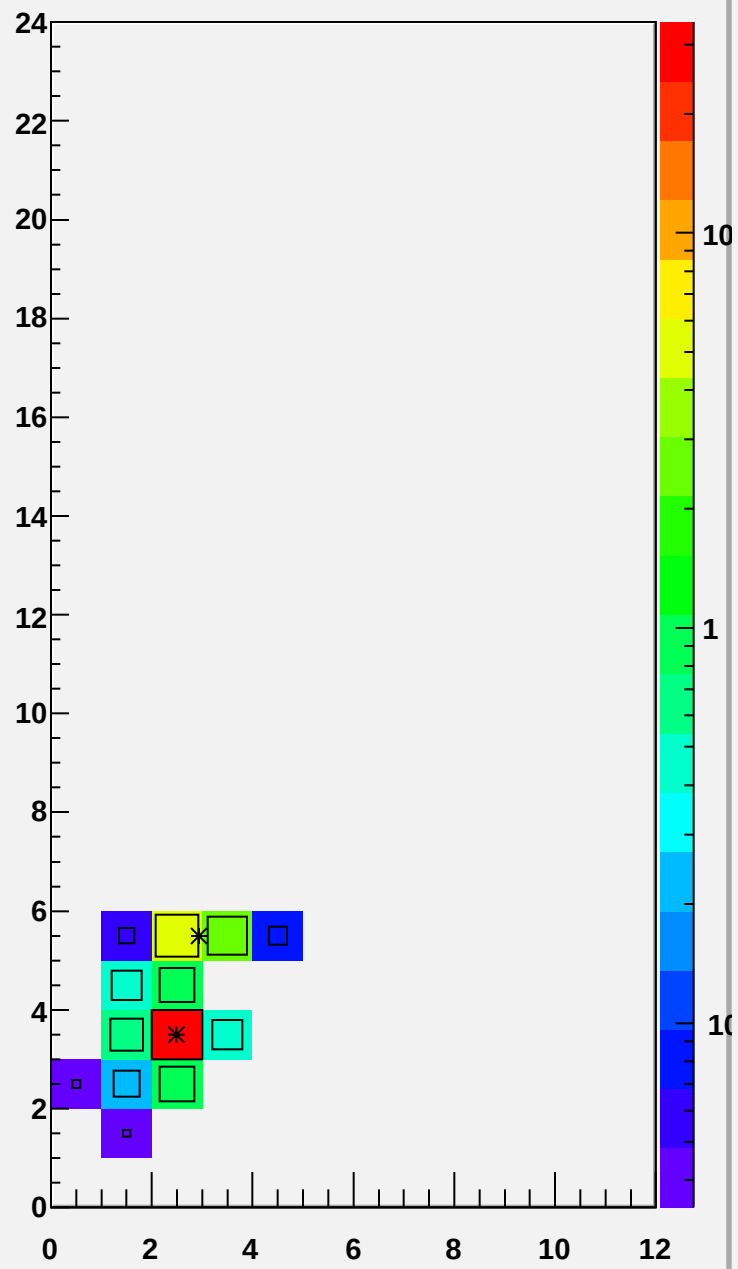
Fitted Energies



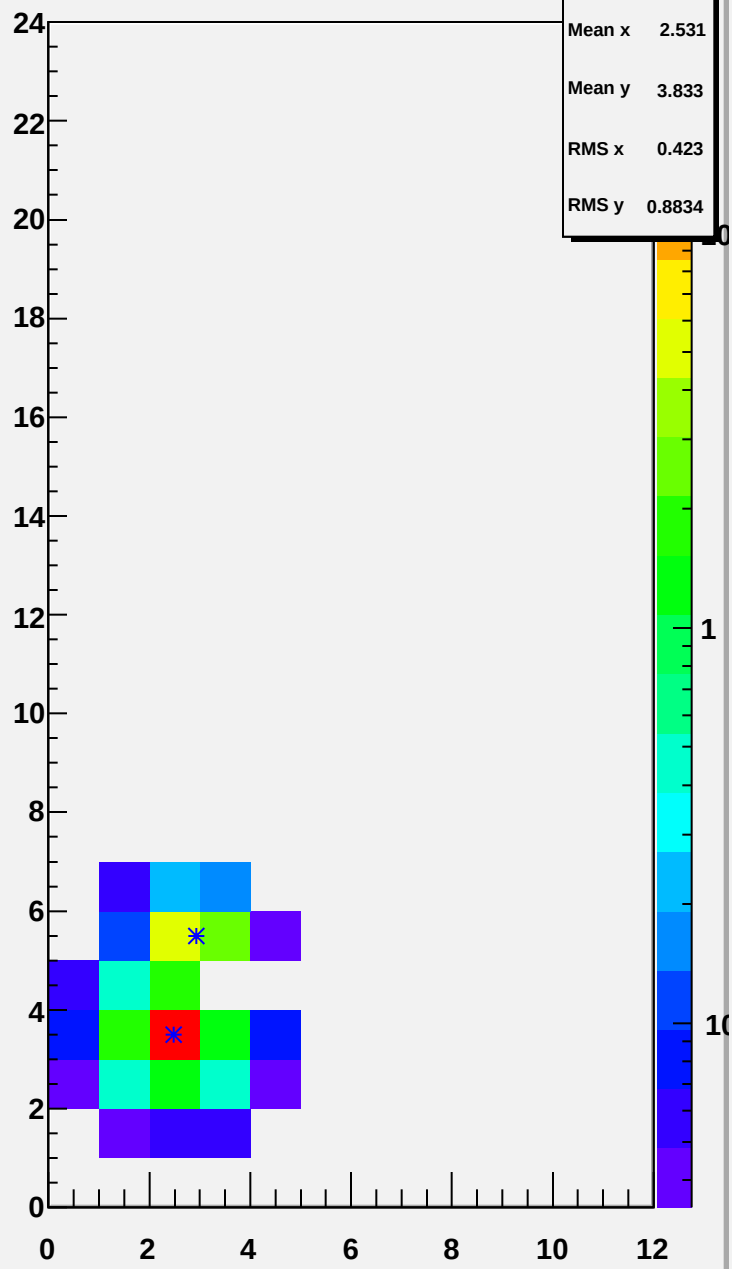
Efit

Entries	288
Mean x	2.487
Mean y	3.186
RMS x	0.3915
RMS y	0.6758

NSTB3_r4_c3_En=45.1_m0=0.208_m1=0.207_index=280



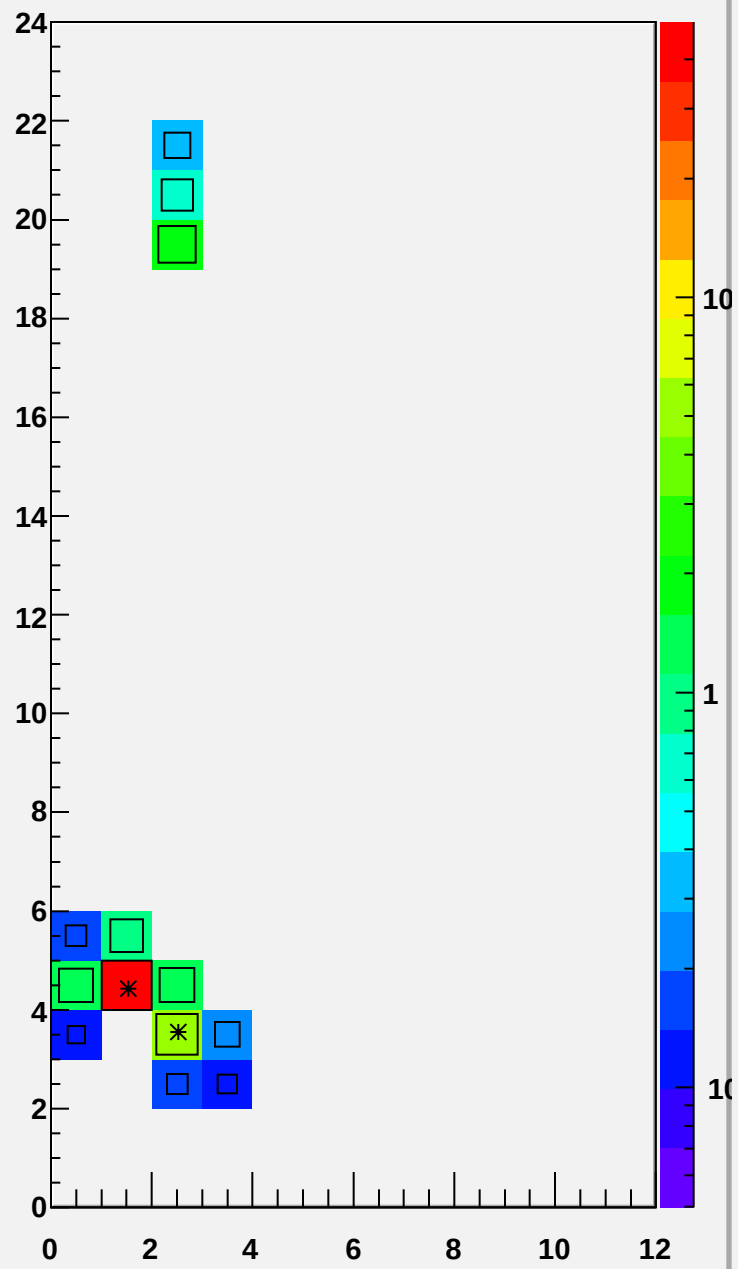
Fitted Energies



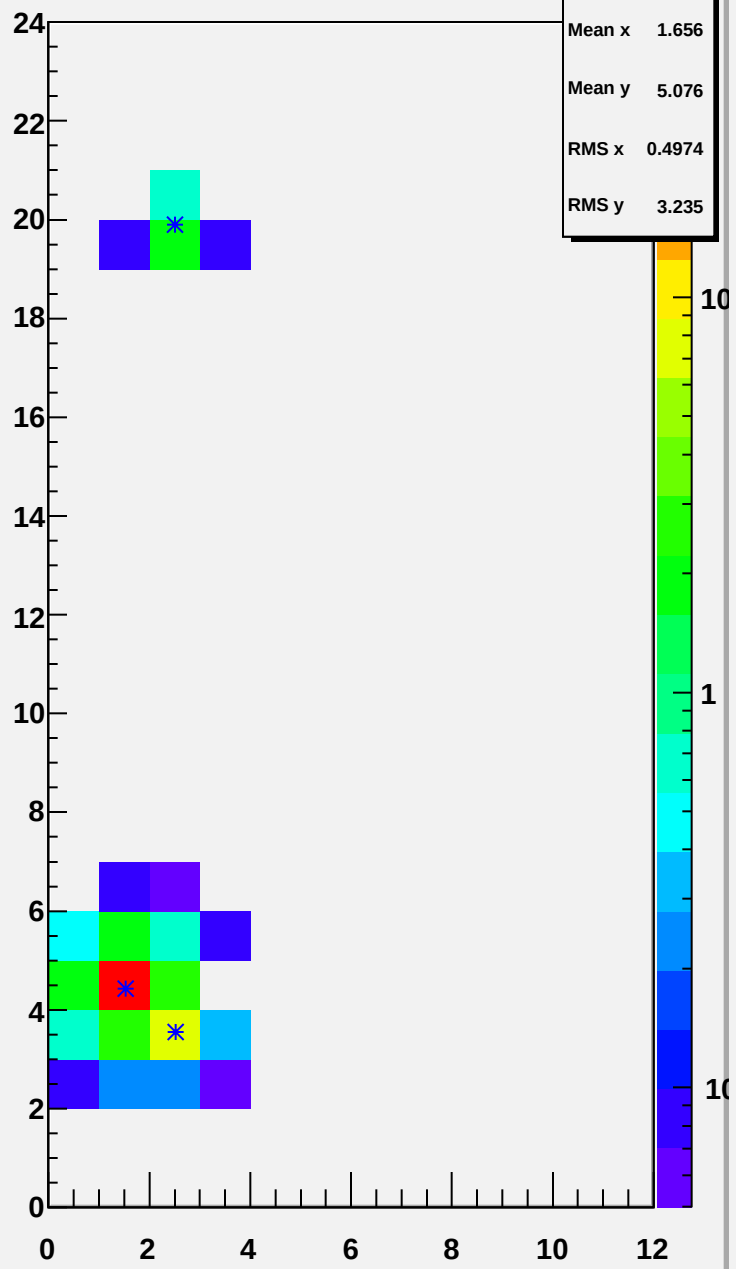
Efit

Entries	288
Mean x	2.531
Mean y	3.833
RMS x	0.423
RMS y	0.8834

NSTB3_r4_c3_En=62.9_m0=0.146 m1=0.146 index=281



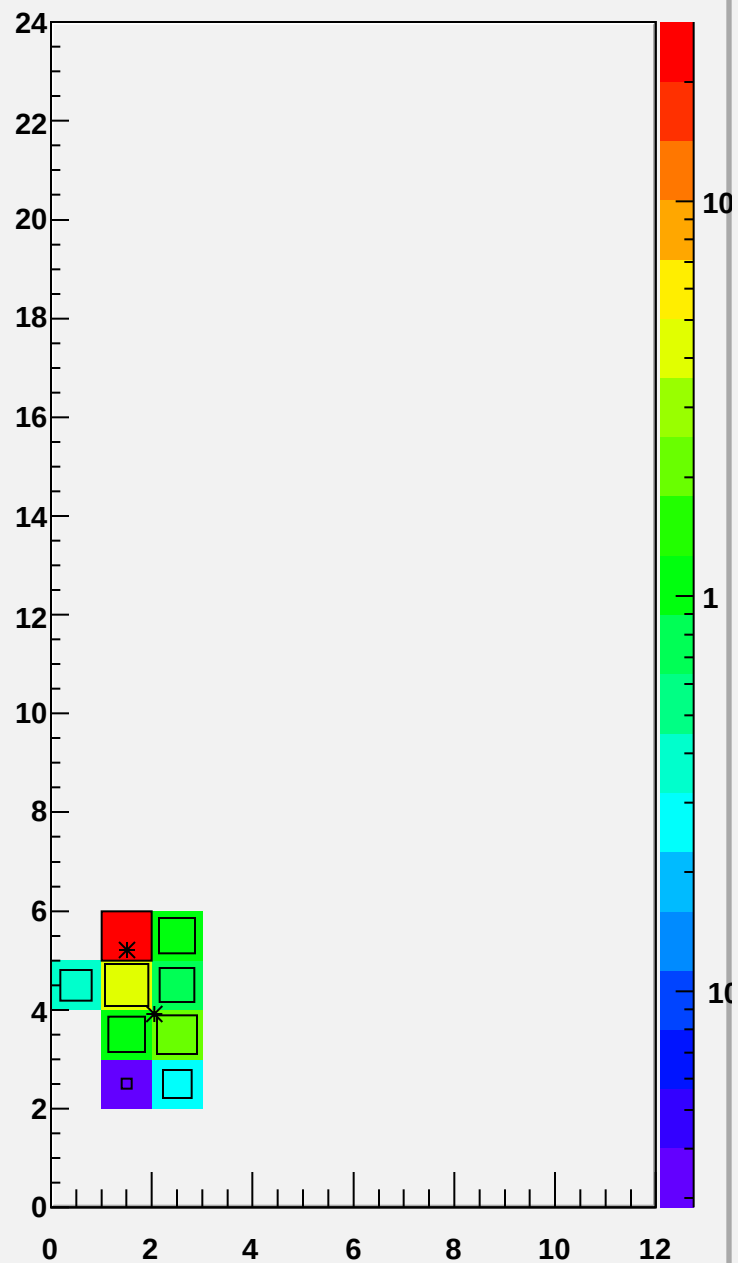
Fitted Energies



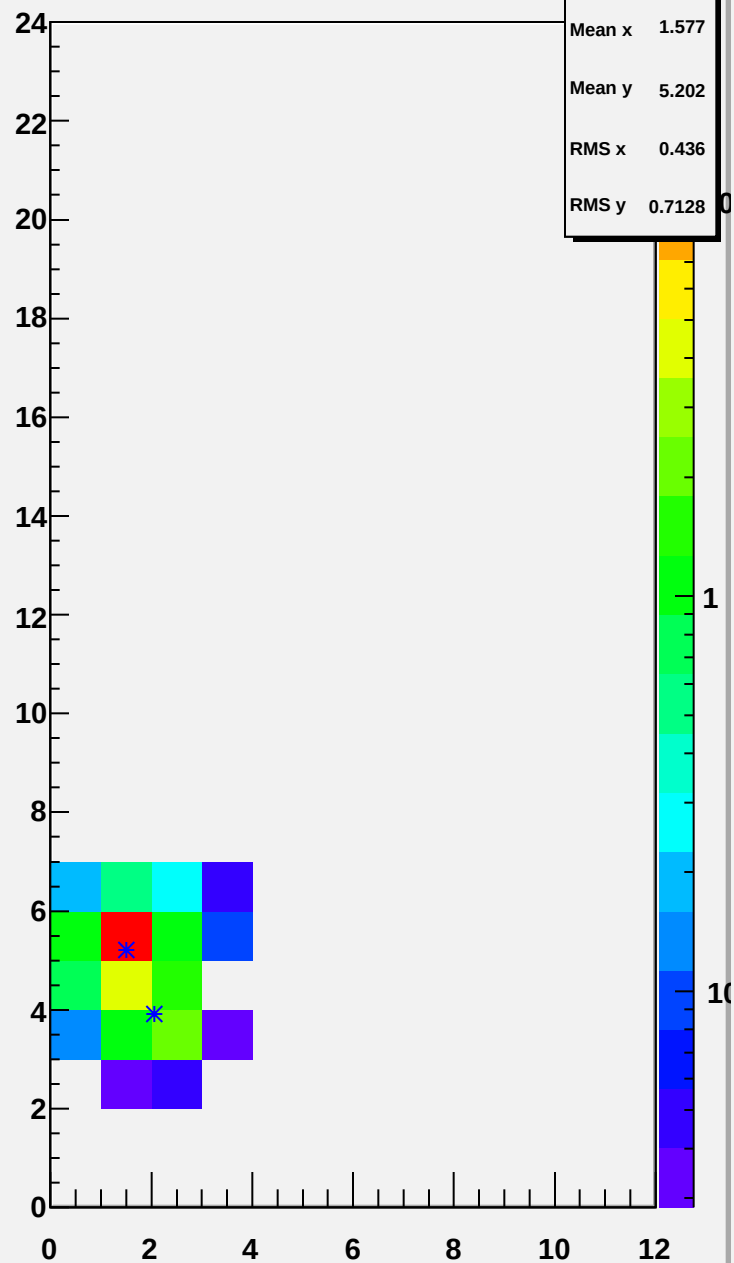
Efit

Entries	288
Mean x	1.656
Mean y	5.076
RMS x	0.4974
RMS y	3.235

NSTB3_r4_c3_En=38.4_m0=0.101 m1=0.101 index=282



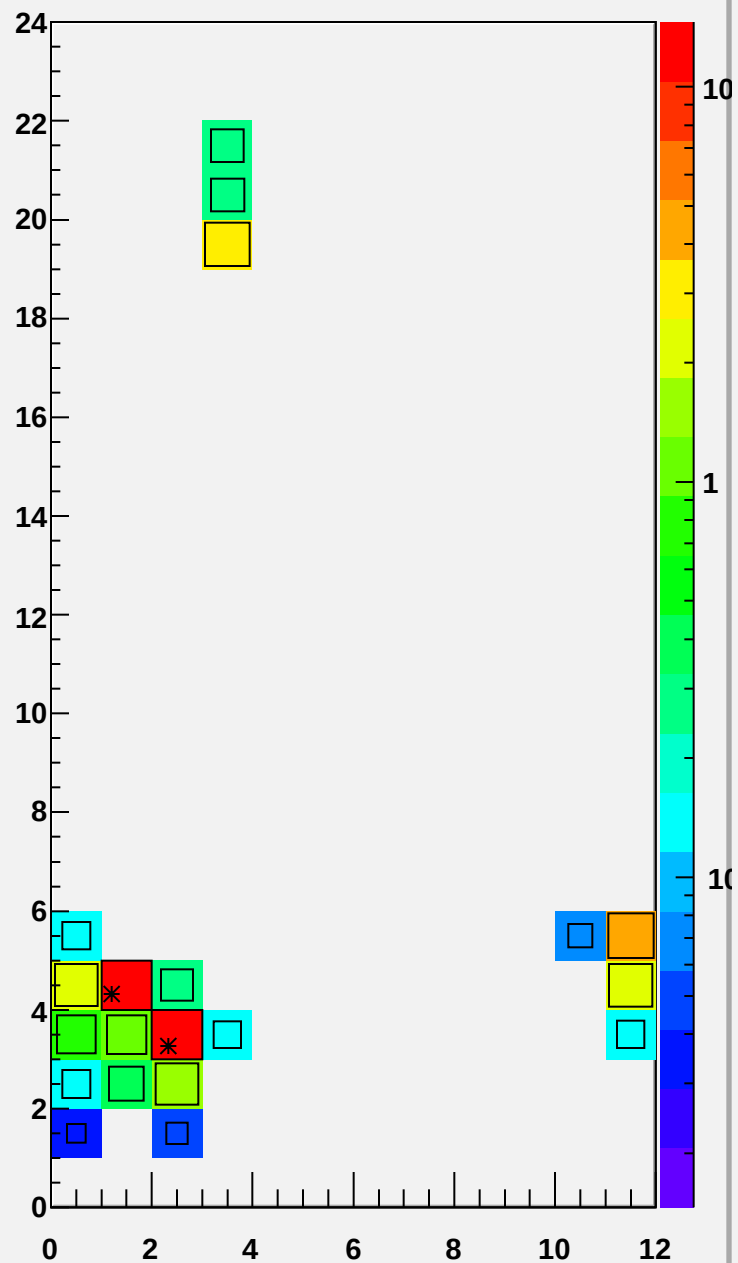
Fitted Energies



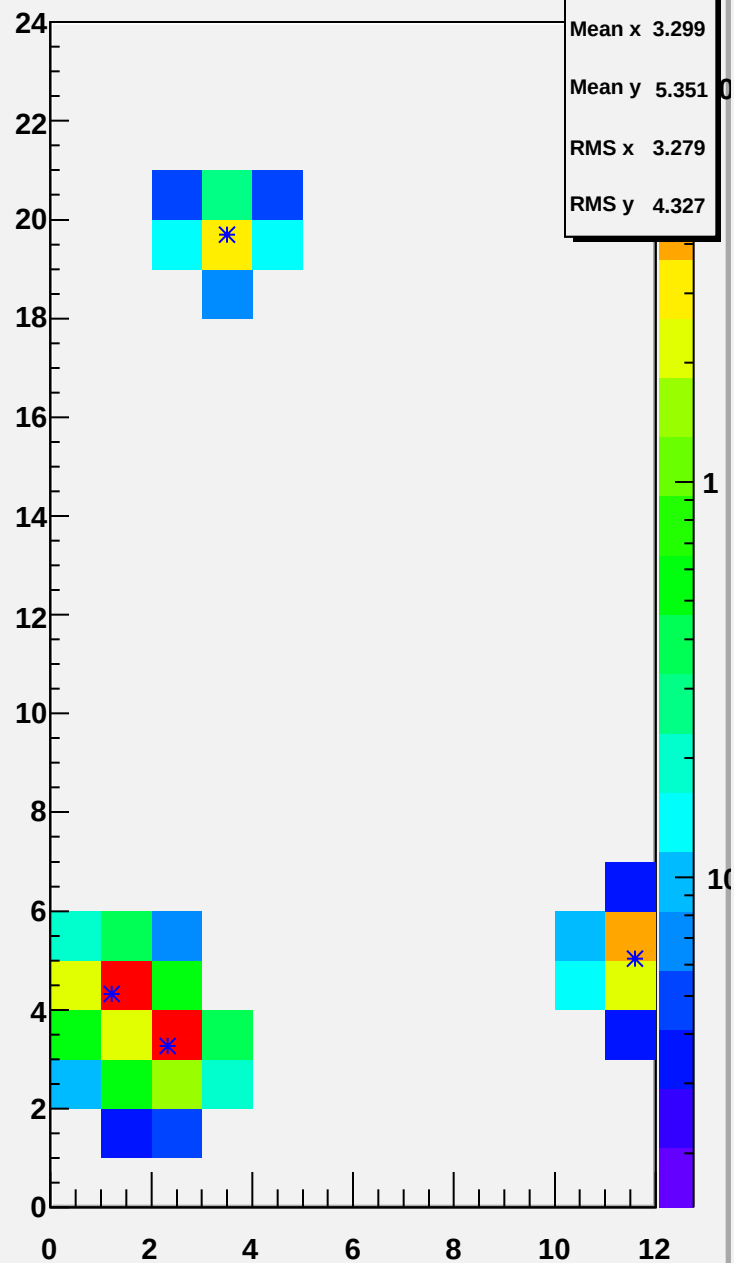
Efit

Entries	288
Mean x	1.577
Mean y	5.202
RMS x	0.436
RMS y	0.7128

NSTB3_r4_c3_En=45.0_m0=0.157 m1=0.157 index=283



Fitted Energies



Efit

Entries 288

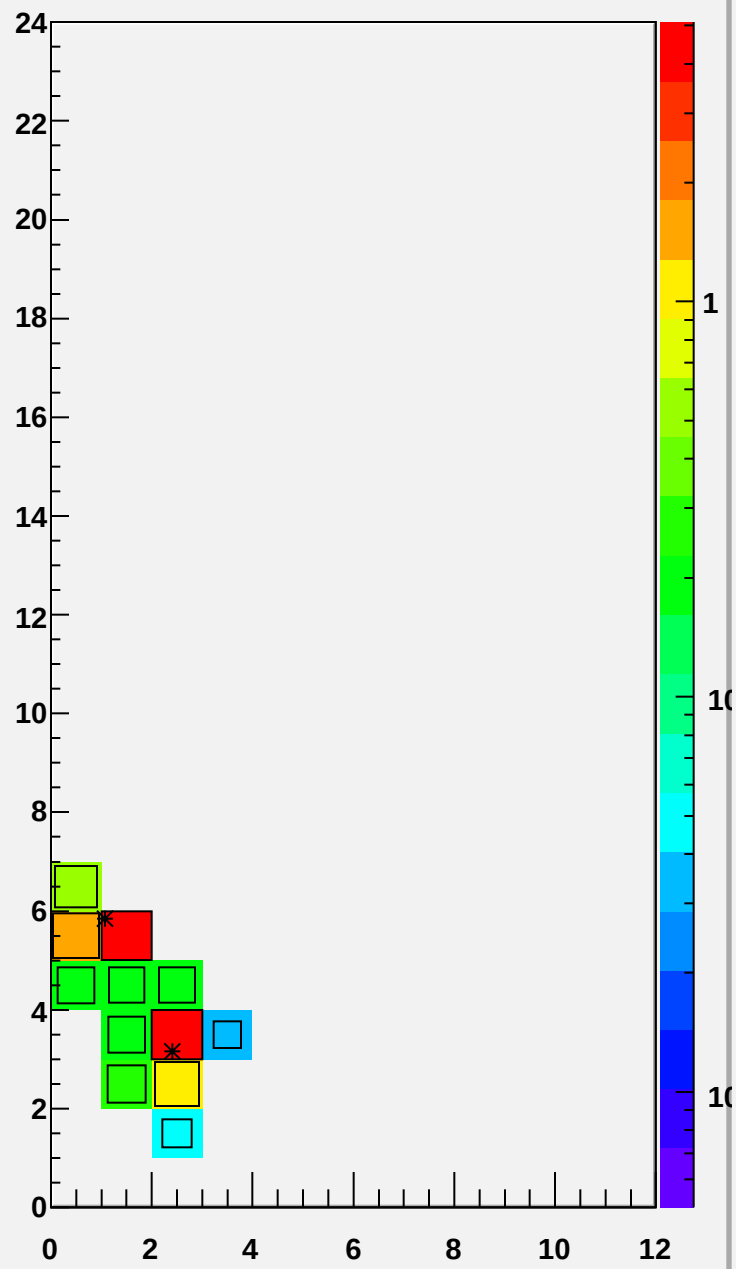
Mean x 3.299

Mean y 5.351

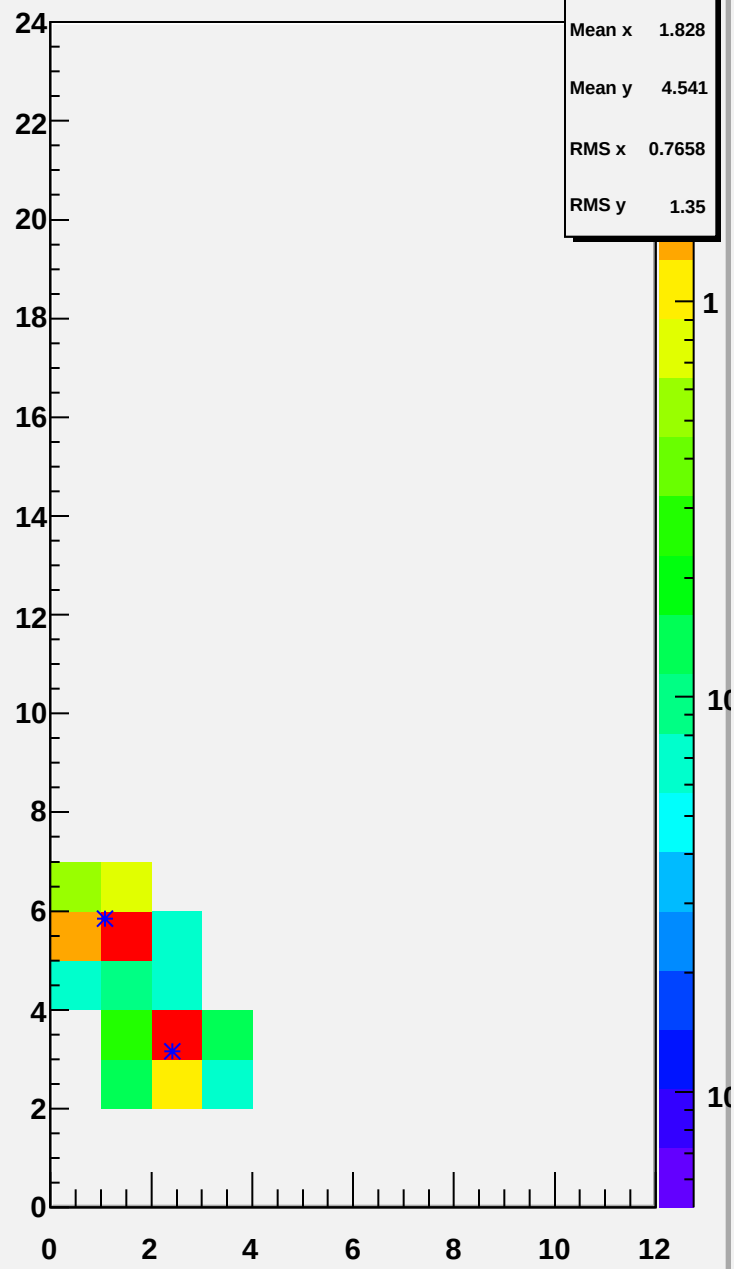
RMS x 3.279

RMS y 4.327

NSTB3_r4_c3_En=13.6_m0=0.120 m1=0.120 index=284



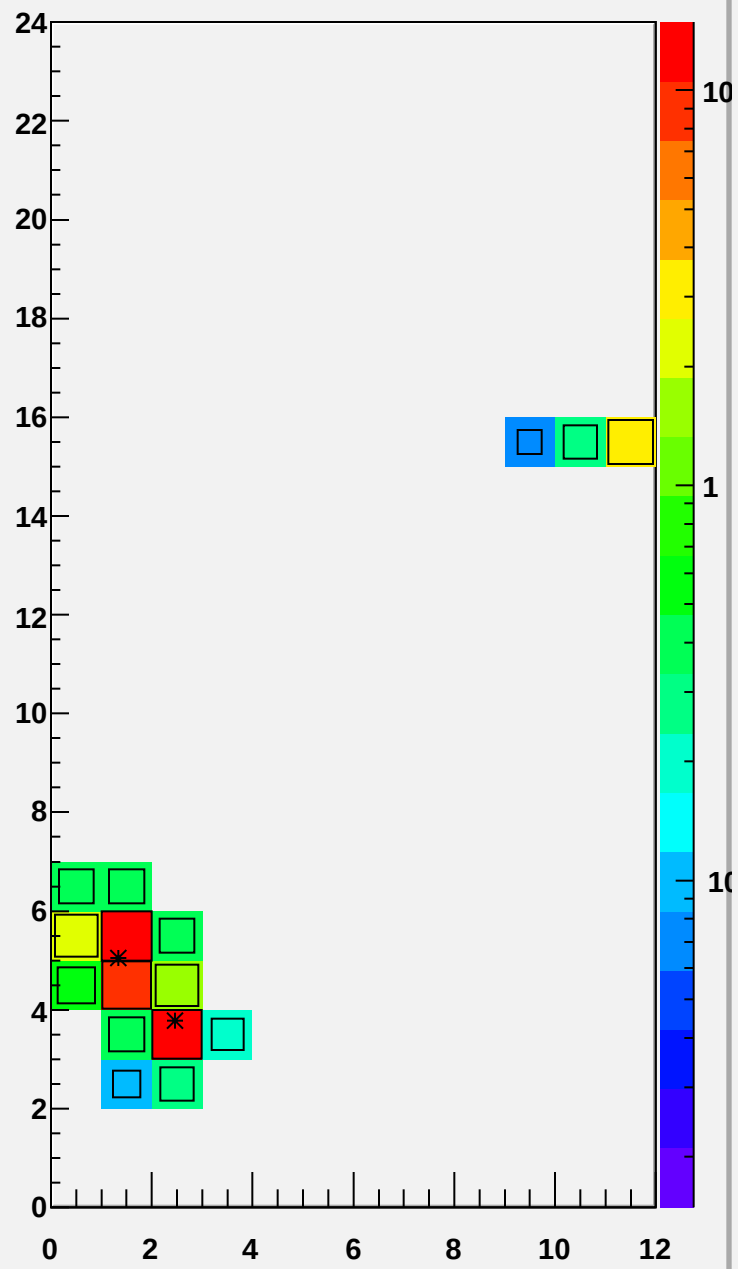
Fitted Energies



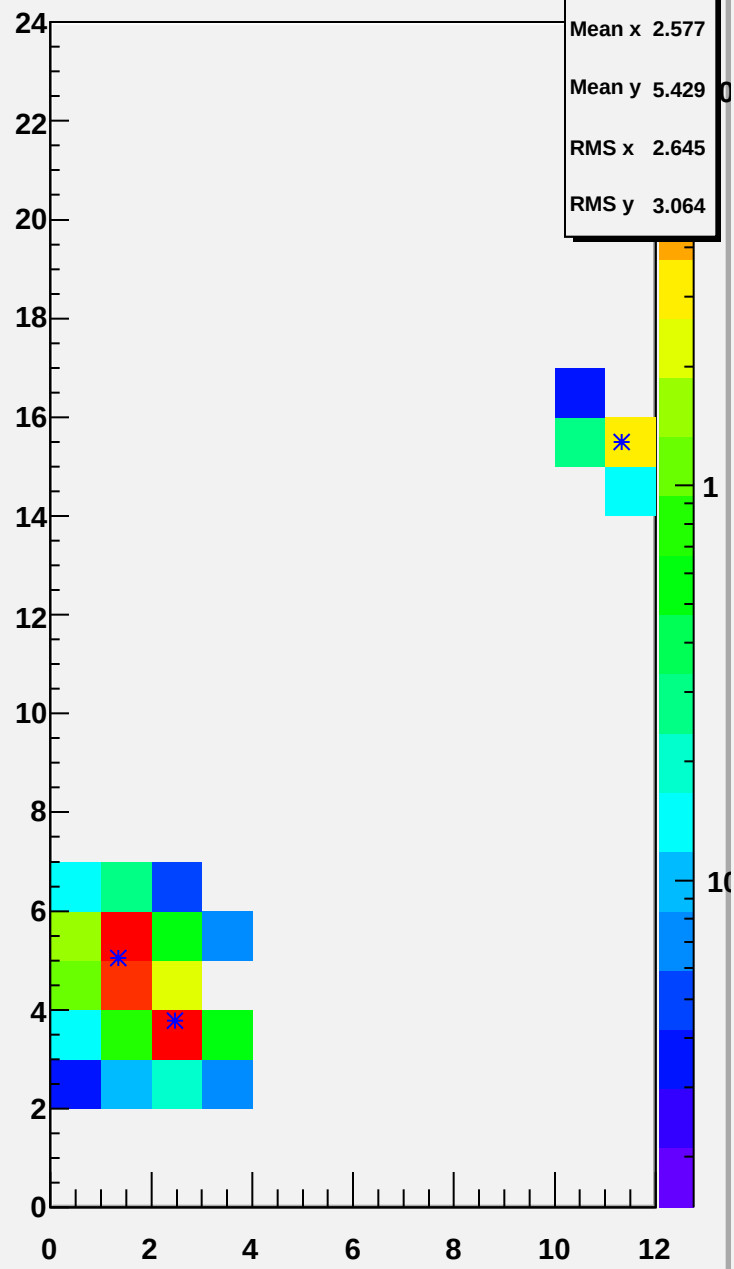
Efit

Entries	288
Mean x	1.828
Mean y	4.541
RMS x	0.7658
RMS y	1.35

NSTB3_r4_c3_En=46.3_m0=0.199 m1=0.199 index=285



Fitted Energies



Efit

Entries 288

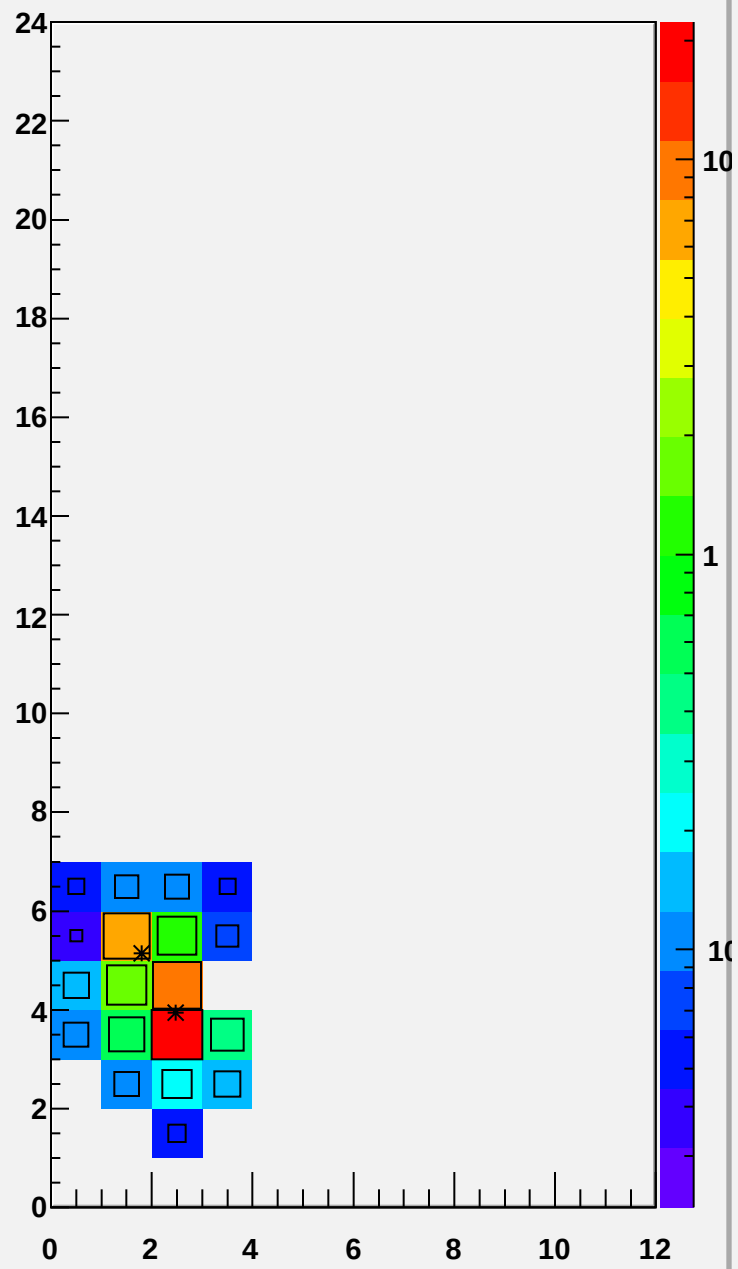
Mean x 2.577

Mean y 5.429

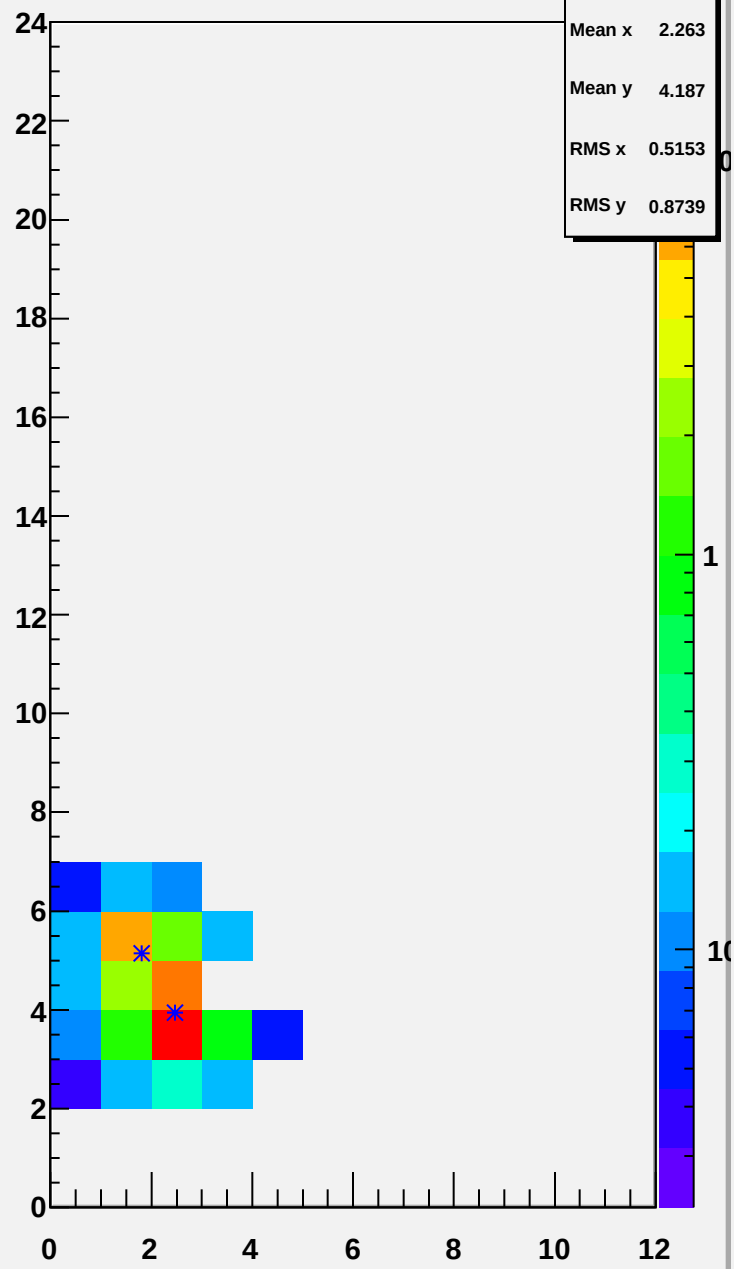
RMS x 2.645

RMS y 3.064

NSTB3_r4_c3_En=45.1_m0=0.159_m1=0.159_index=286



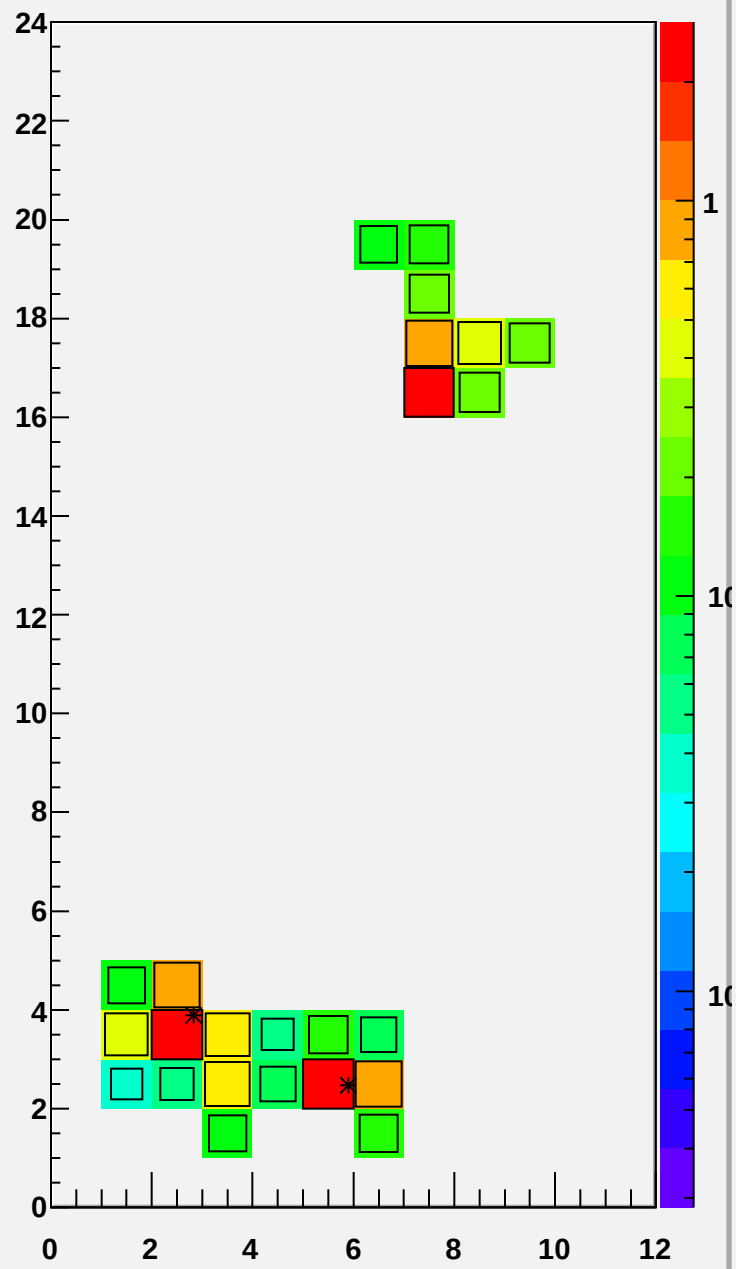
Fitted Energies



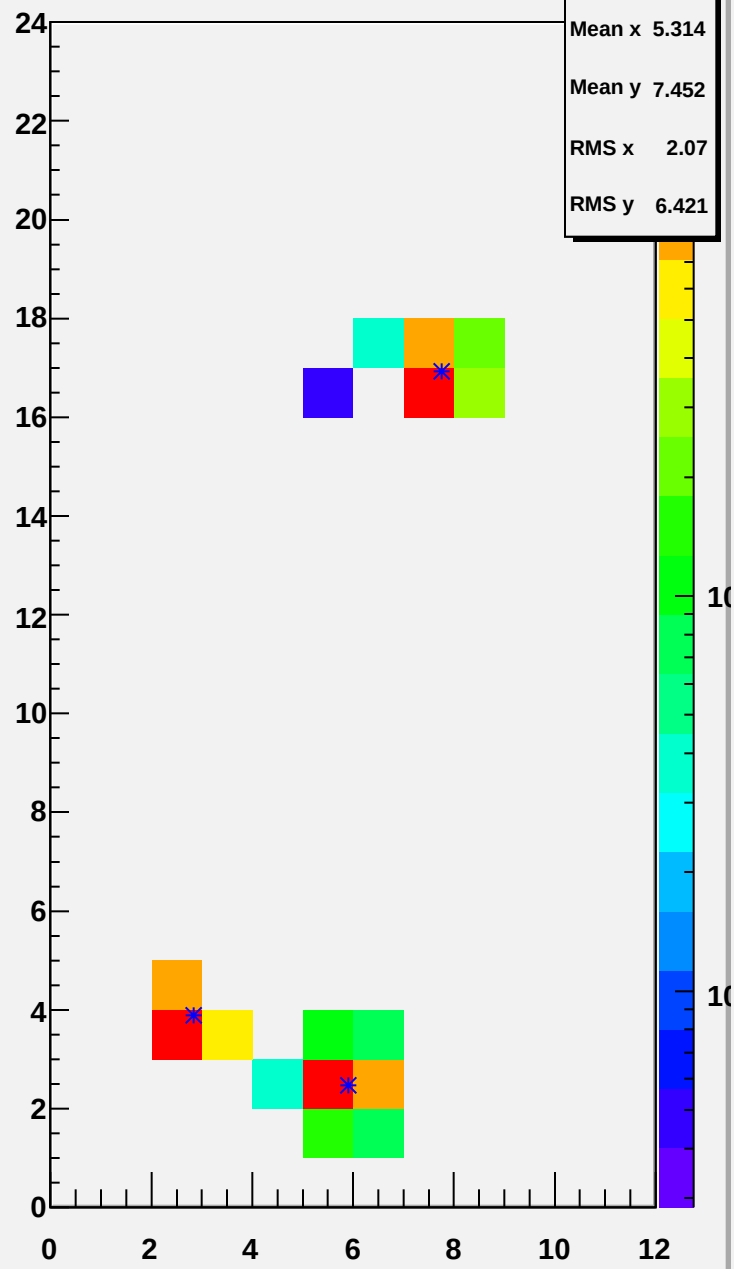
Efit

Entries	288
Mean x	2.263
Mean y	4.187
RMS x	0.5153
RMS y	0.8739

NSTB3_r4_c3_En=14.3_m0=0.082 m1=0.082 index=287



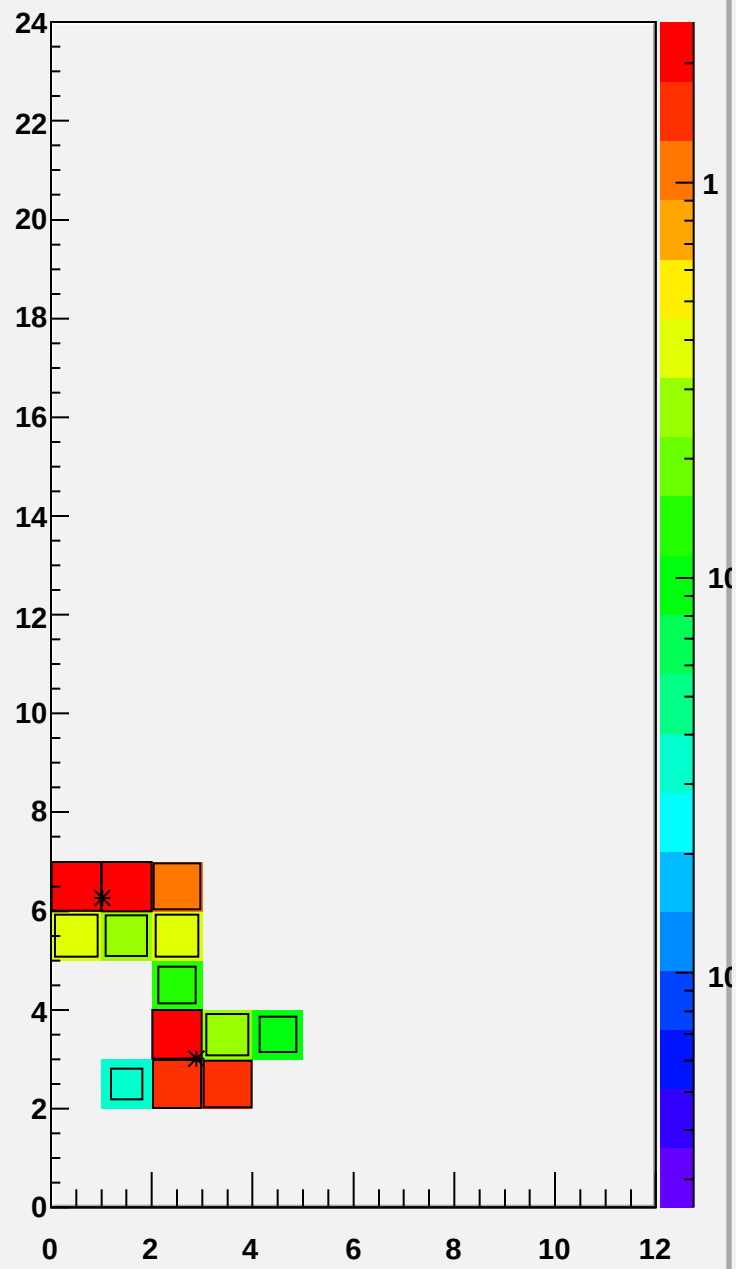
Fitted Energies



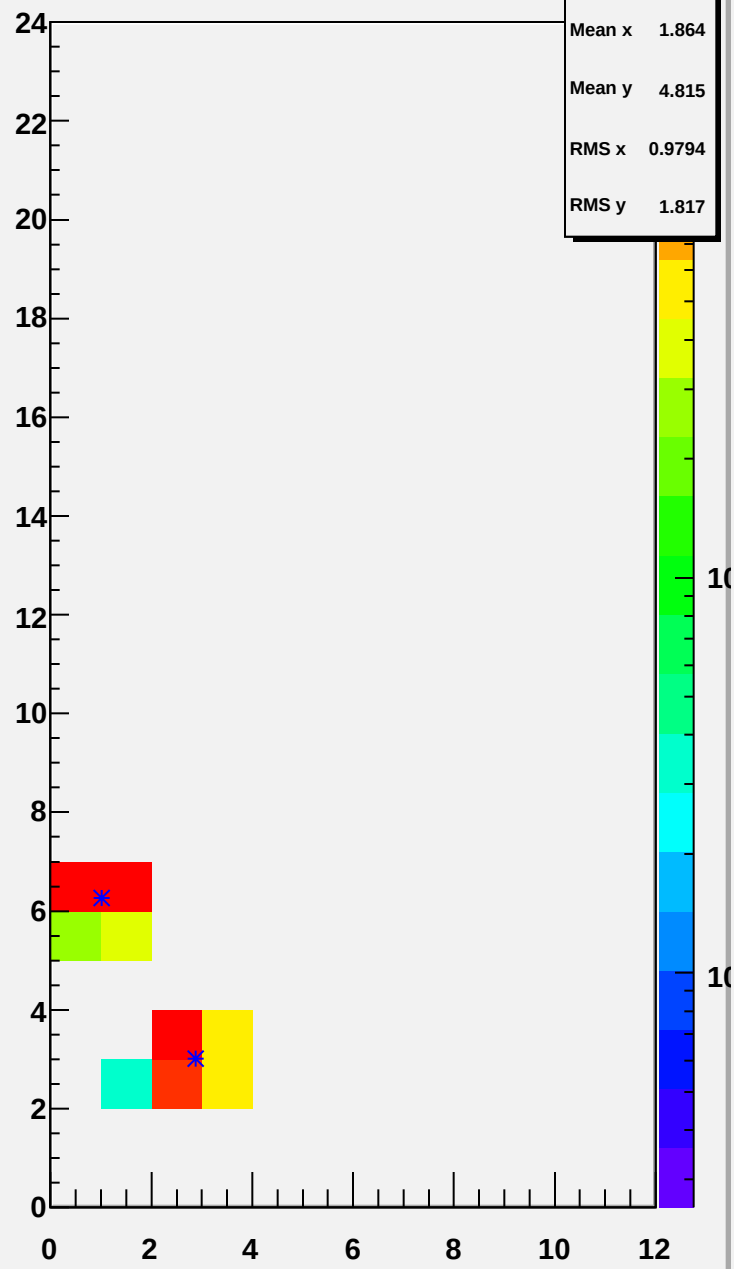
Efit

Entries 288
Mean x 5.314
Mean y 7.452
RMS x 2.07
RMS y 6.421

NSTB3_r4_c3_En=12.2_m0=0.113 m1=0.113 index=288



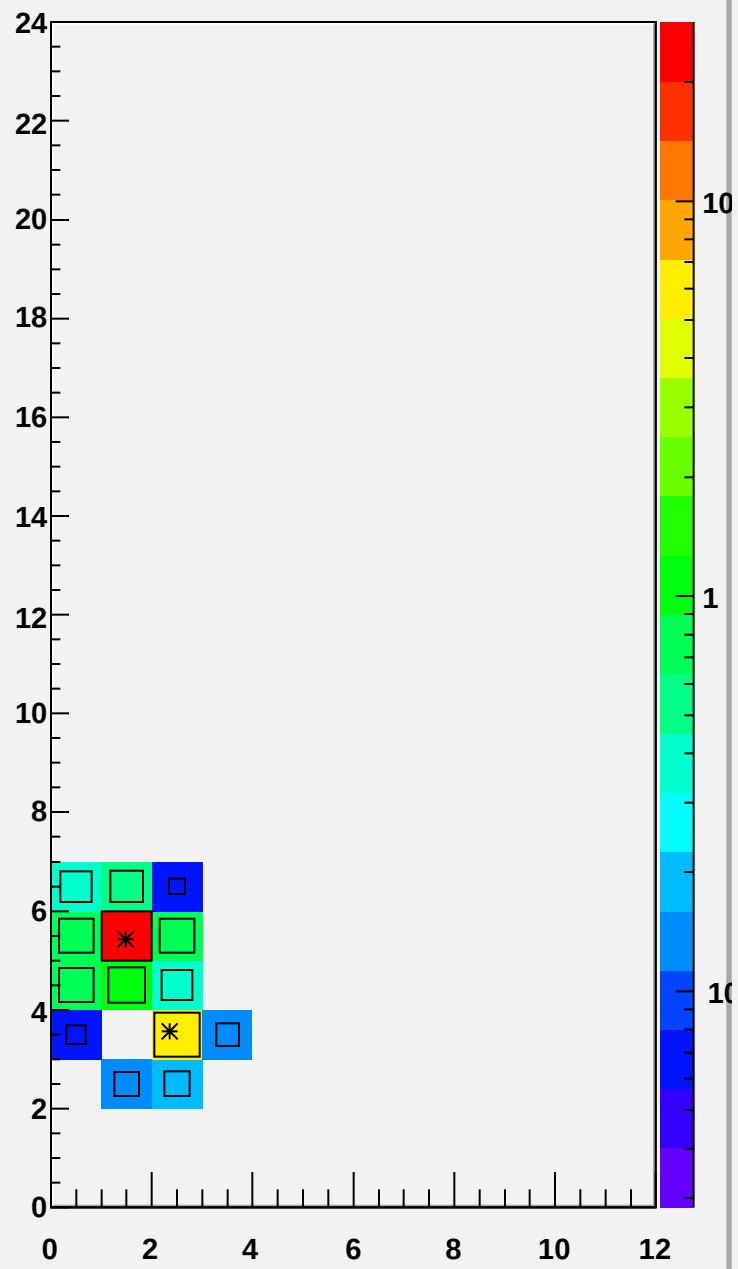
Fitted Energies



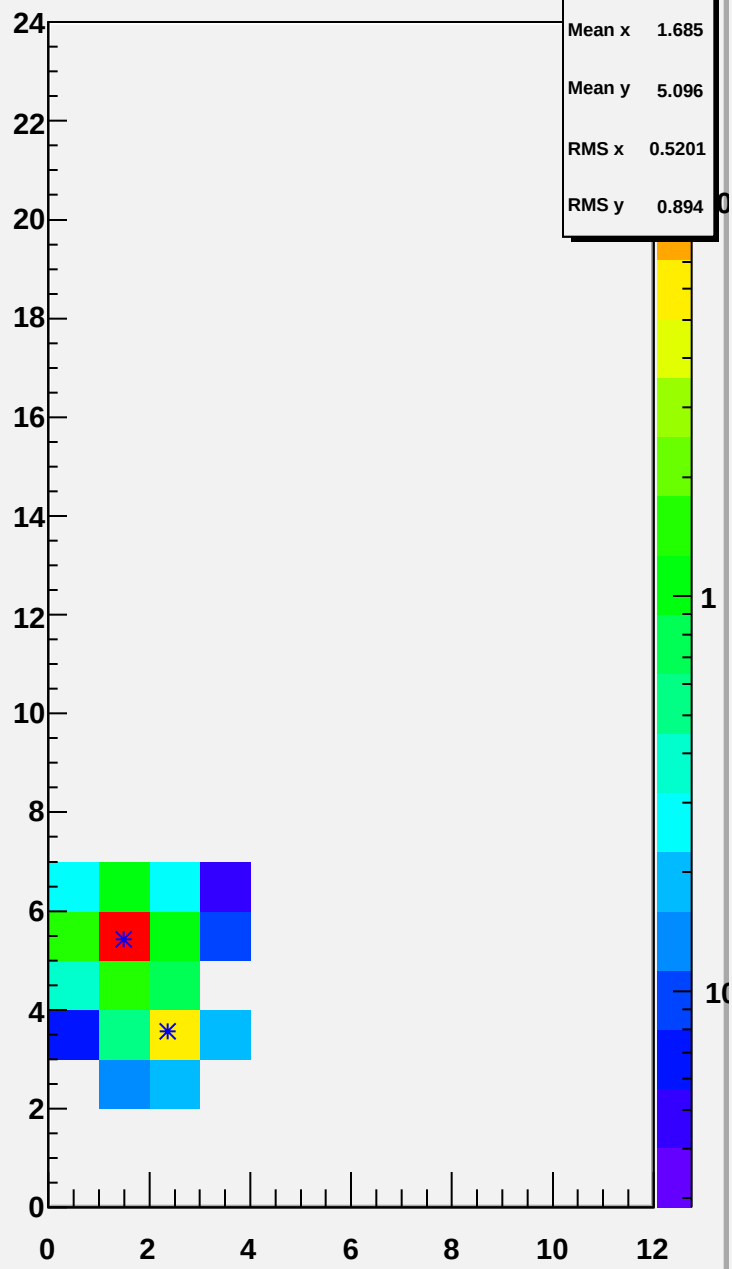
Efit

Entries	288
Mean x	1.864
Mean y	4.815
RMS x	0.9794
RMS y	1.817

NSTB3_r4_c3_En=40.4_m0=0.194_m1=0.194_index=289



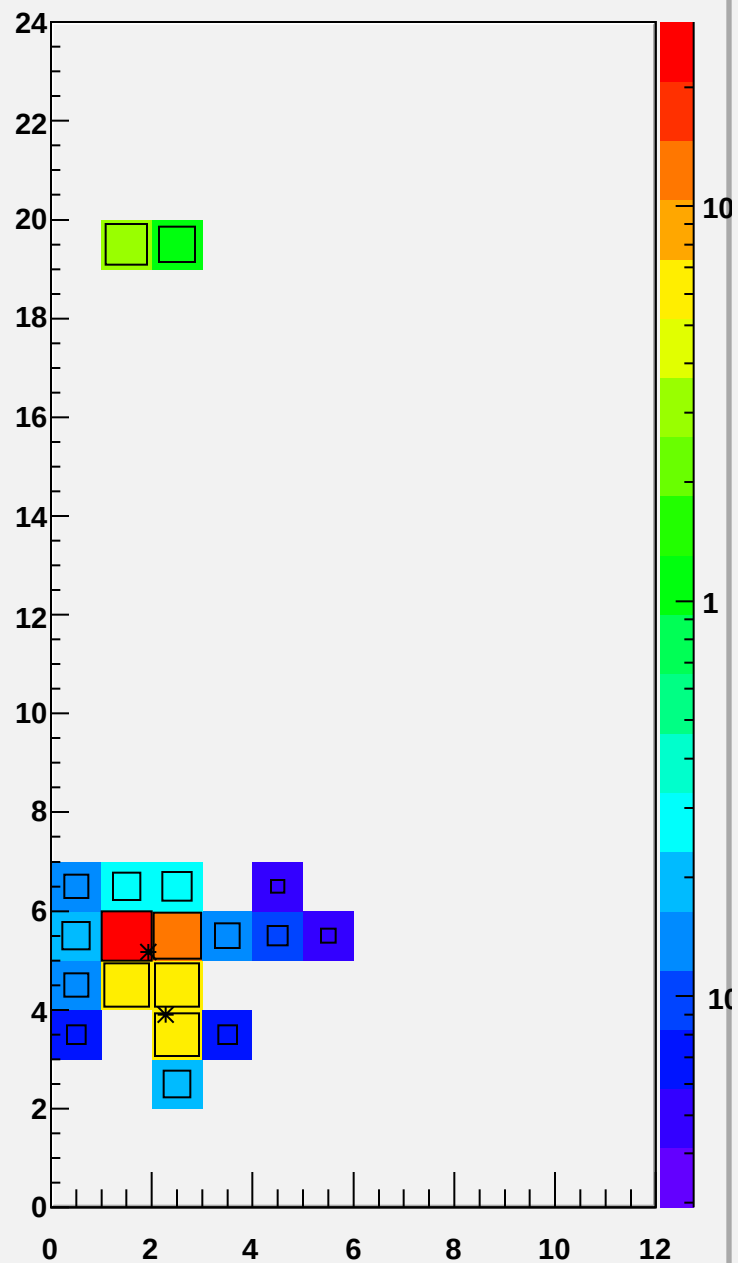
Fitted Energies



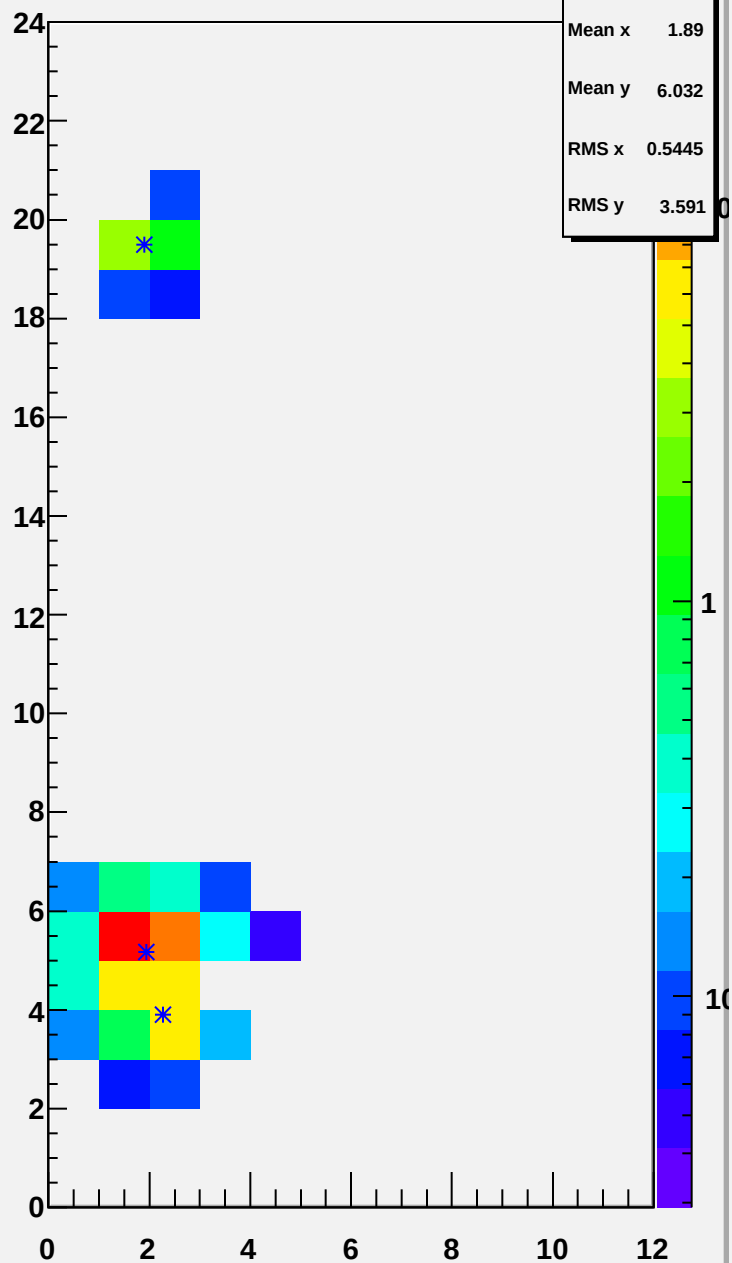
Efit

Entries	288
Mean x	1.685
Mean y	5.096
RMS x	0.5201
RMS y	0.894

NSTB3_r4_c3_En=65.2_m0=0.155_m1=0.155_index=291



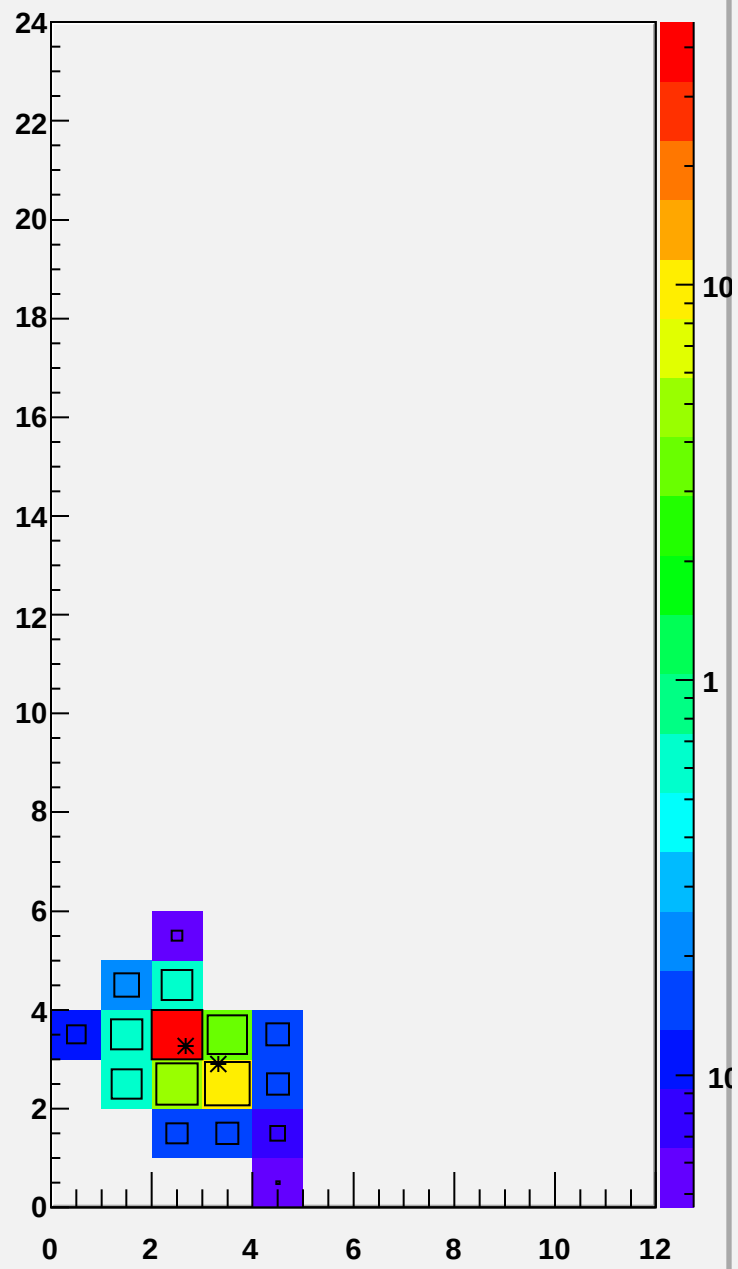
Fitted Energies



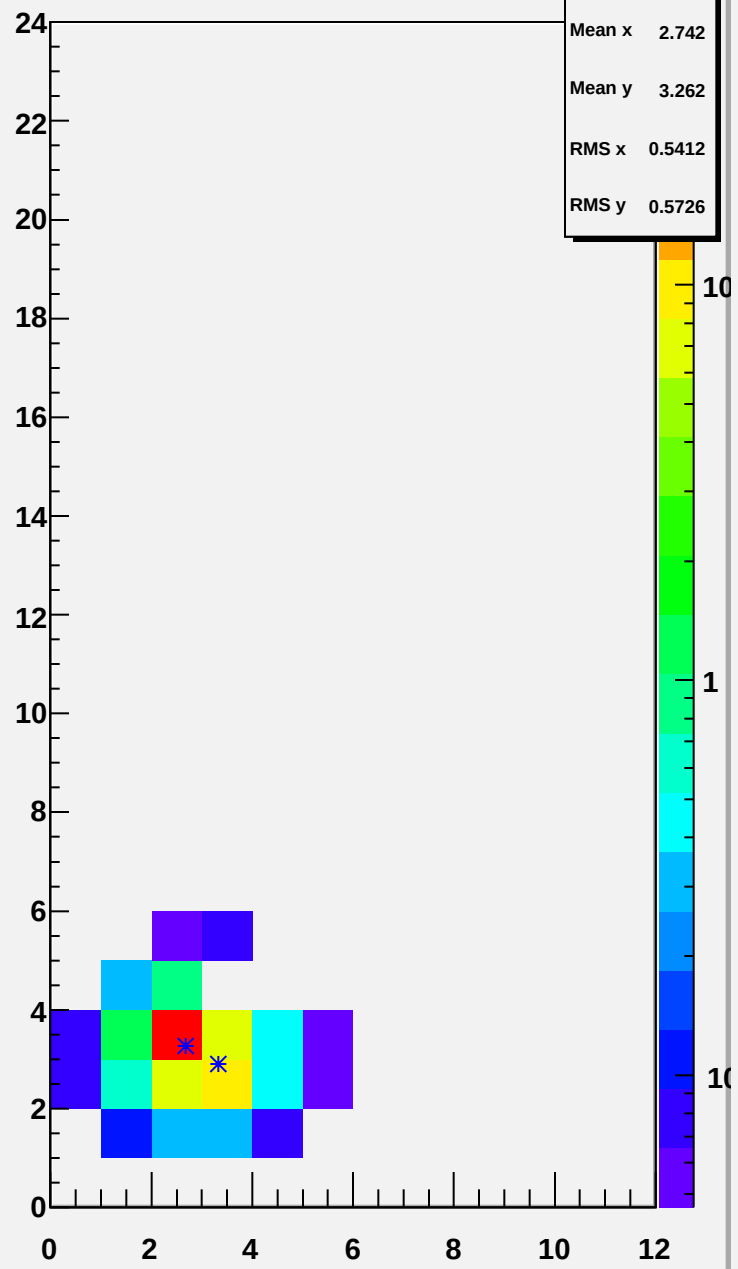
Efit

Entries	288
Mean x	1.89
Mean y	6.032
RMS x	0.5445
RMS y	3.591

NSTB3_r4_c3_En=67.7_m0=0.123 m1=0.123 index=292



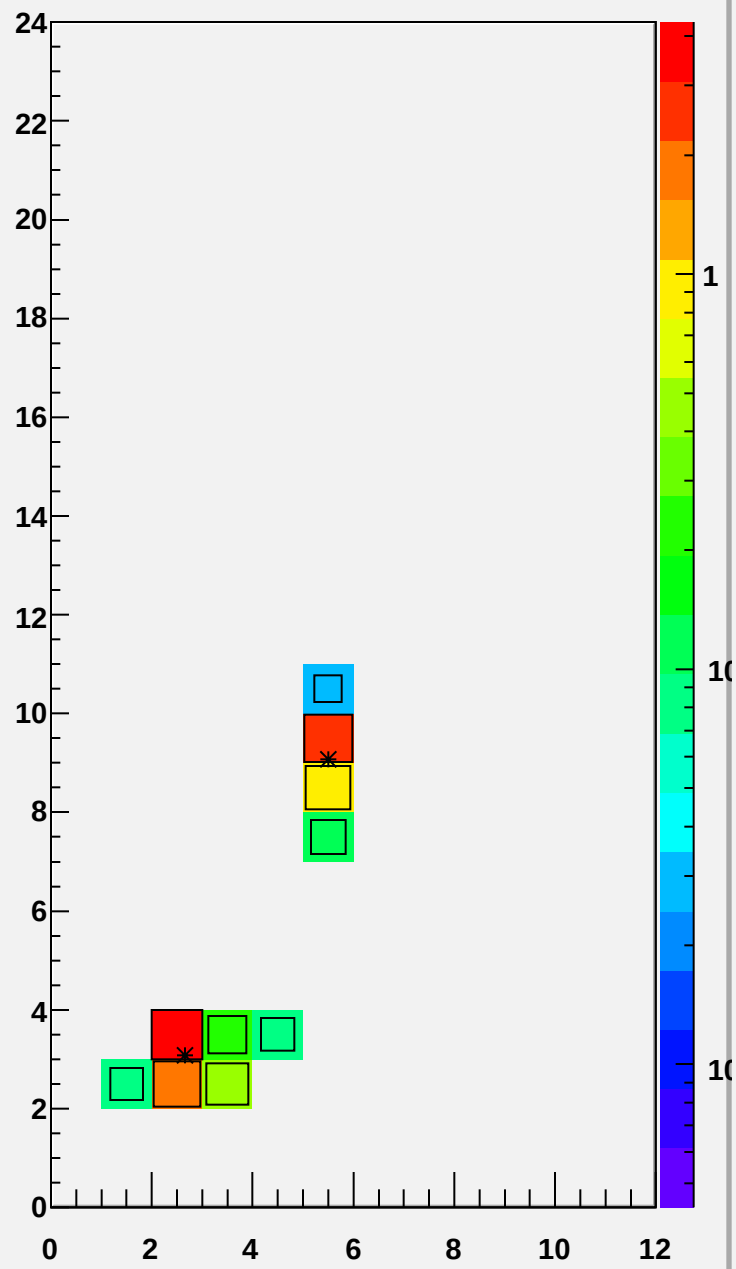
Fitted Energies



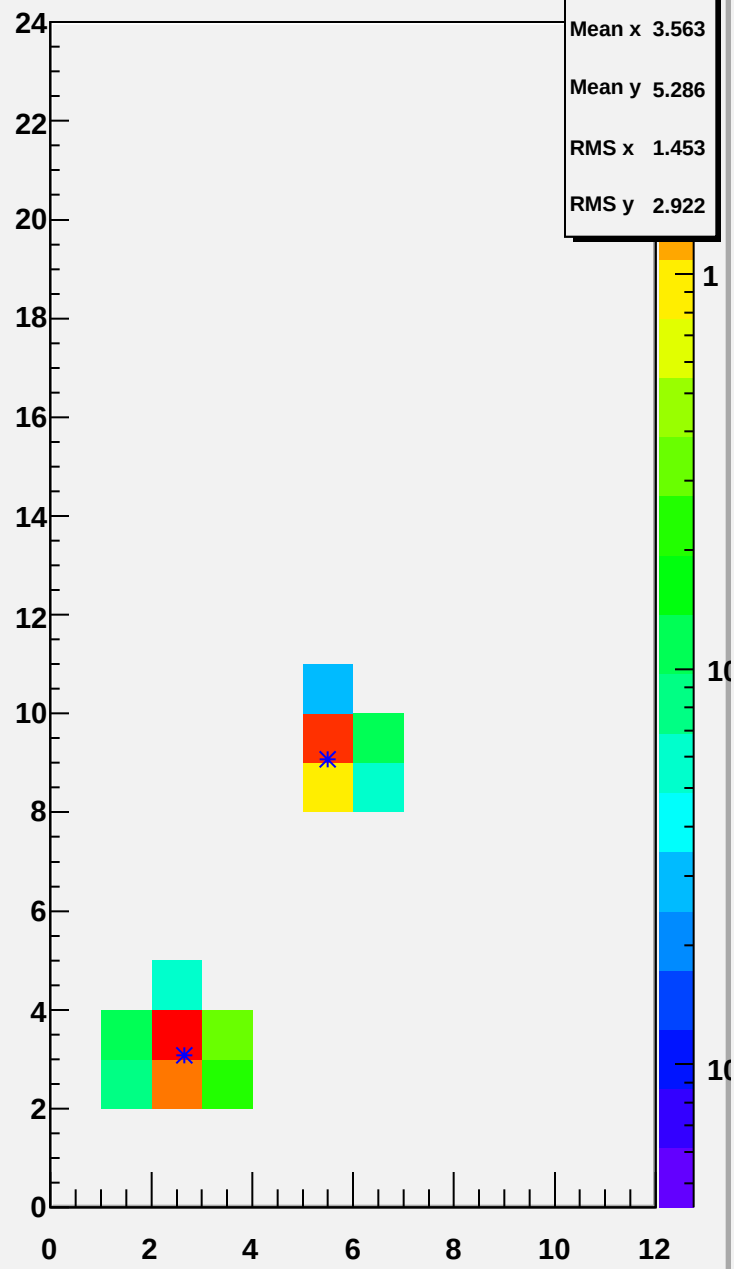
Efit

Entries	288
Mean x	2.742
Mean y	3.262
RMS x	0.5412
RMS y	0.5726

NSTB3_r4_c3_En=10.4_m0=0.192 m1=0.192 index=293



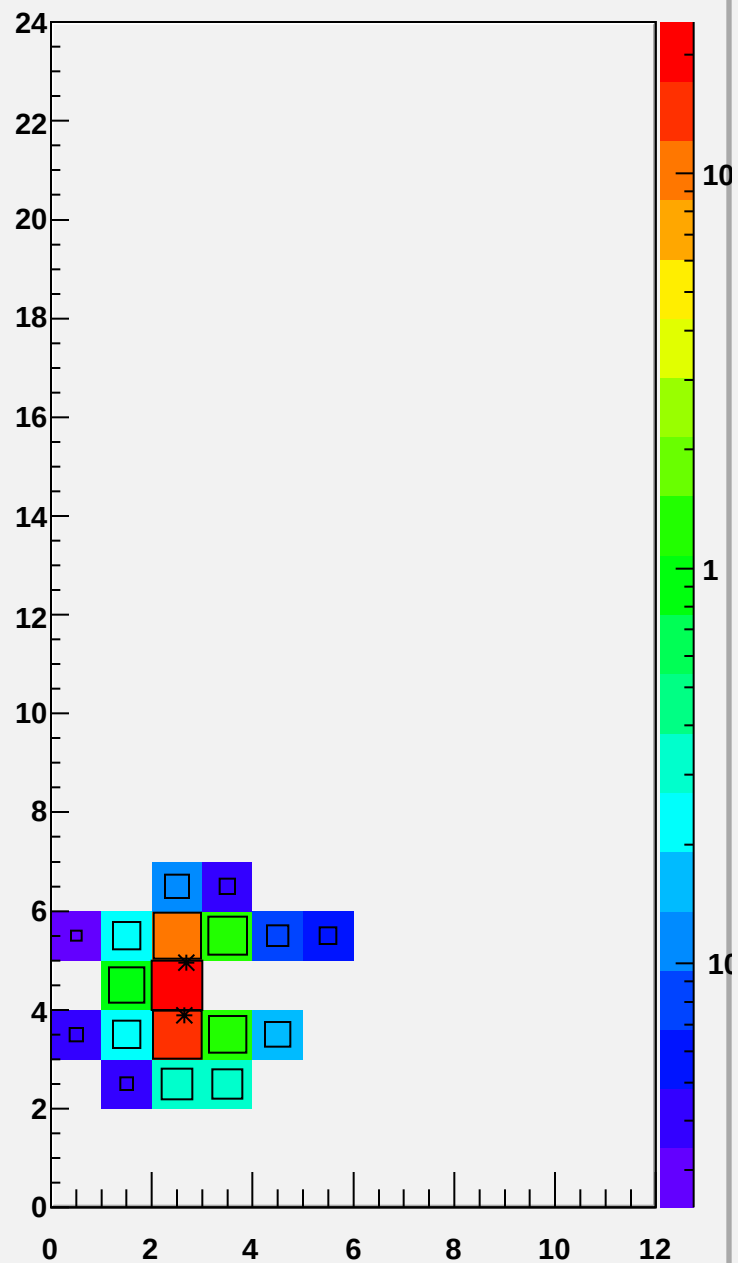
Fitted Energies



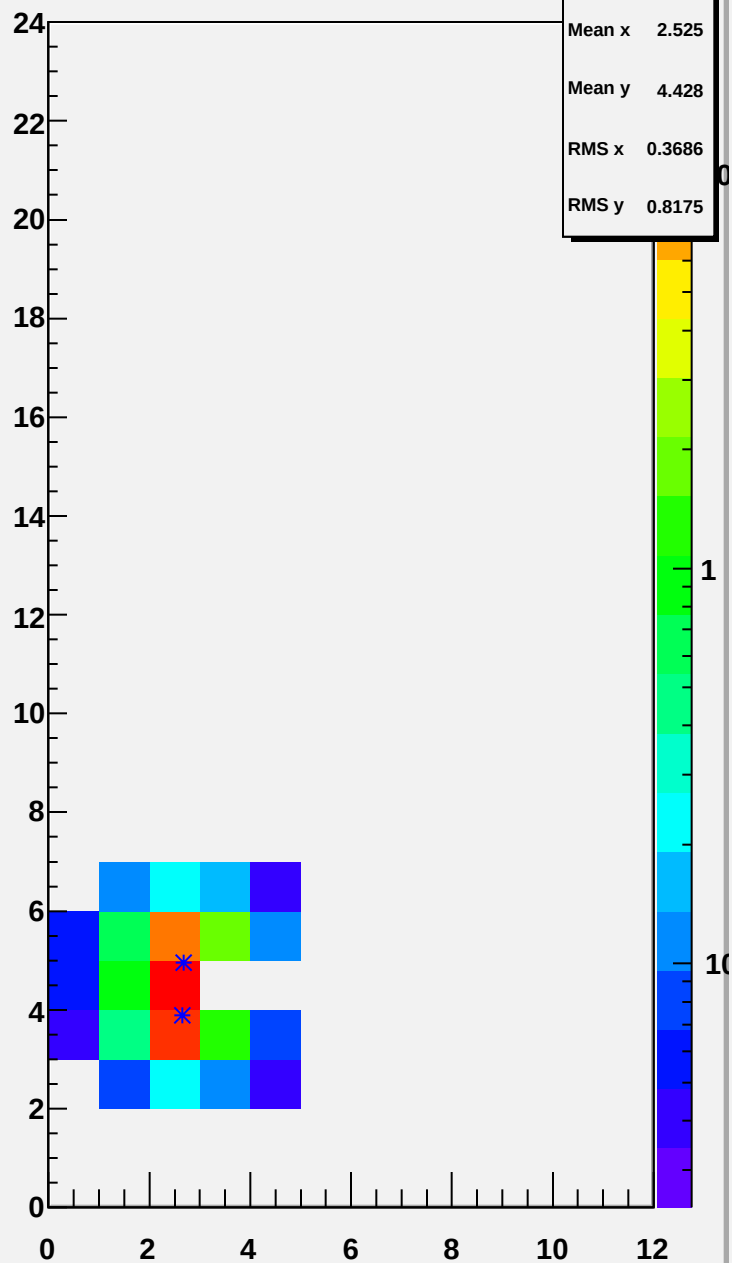
Efit

Entries 288
Mean x 3.563
Mean y 5.286
RMS x 1.453
RMS y 2.922

NSTB3_r4_c3_En=54.7_m0=0.165 m1=0.165 index=294



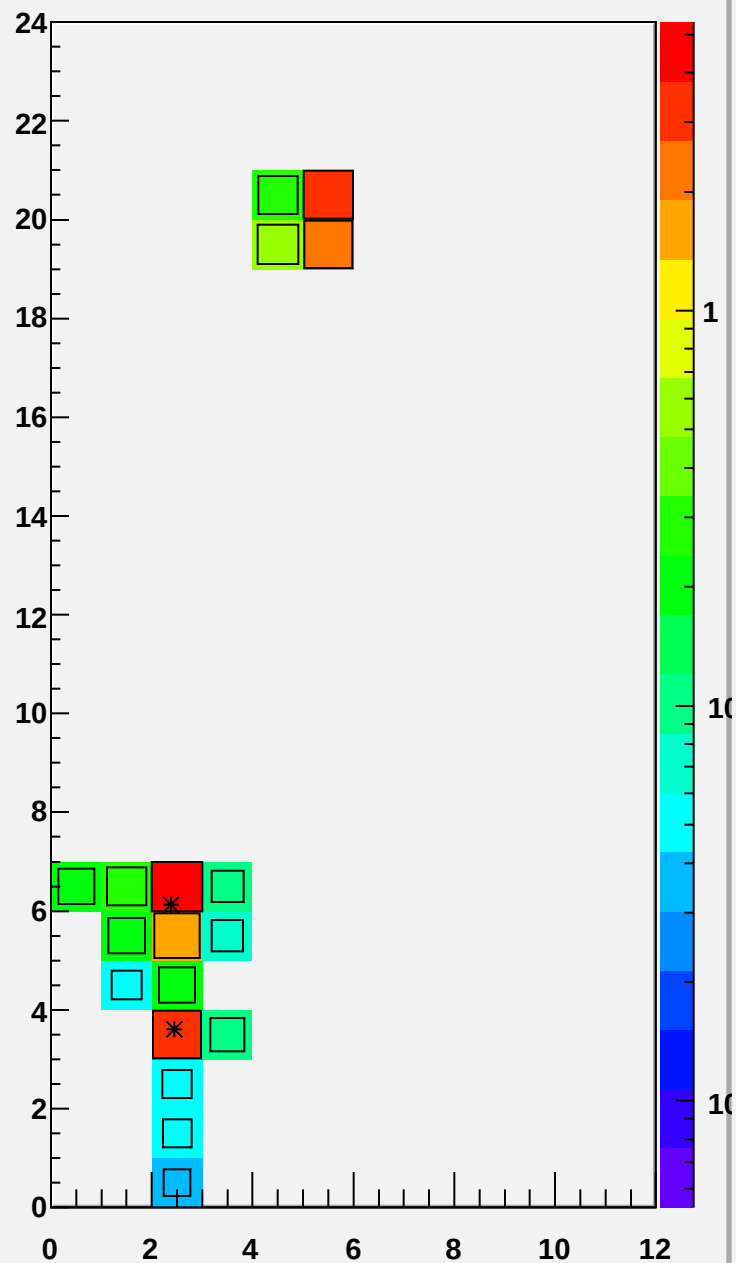
Fitted Energies



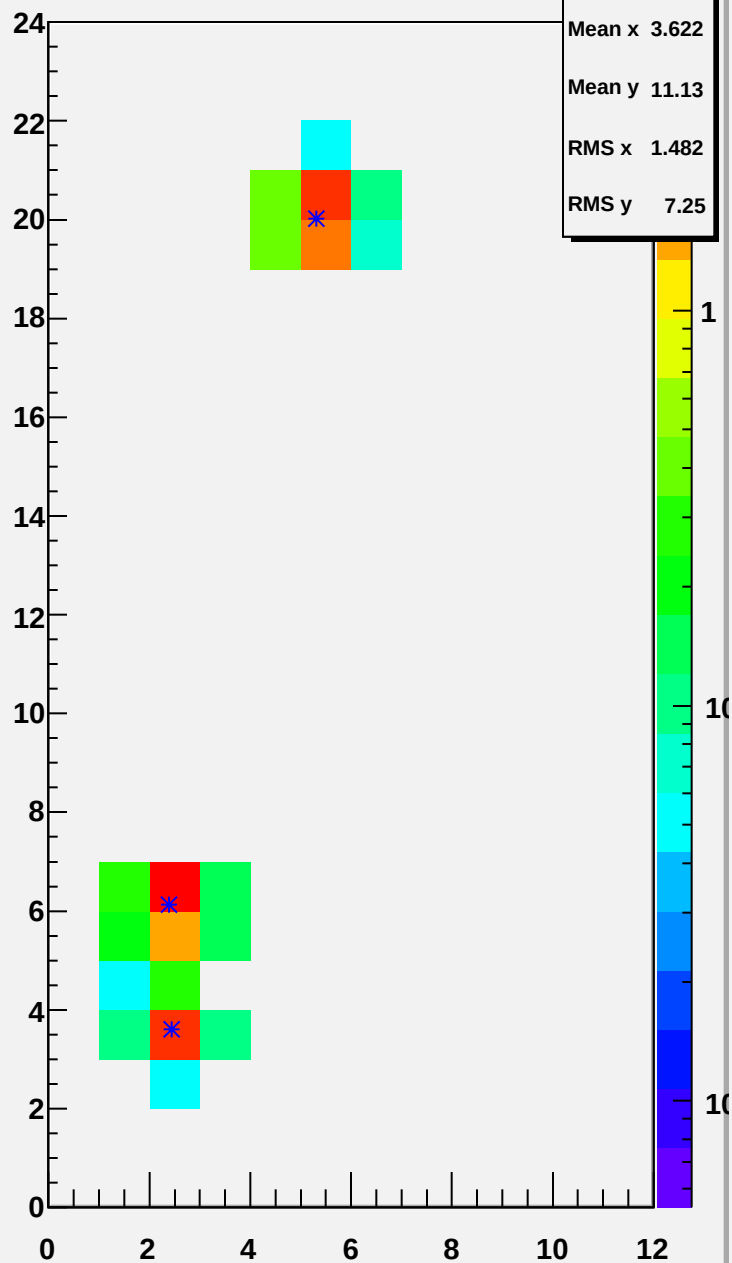
Efit

Entries	288
Mean x	2.525
Mean y	4.428
RMS x	0.3686
RMS y	0.8175

NSTB3_r4_c3_En=18.6_m0=0.078 m1=0.078 index=295



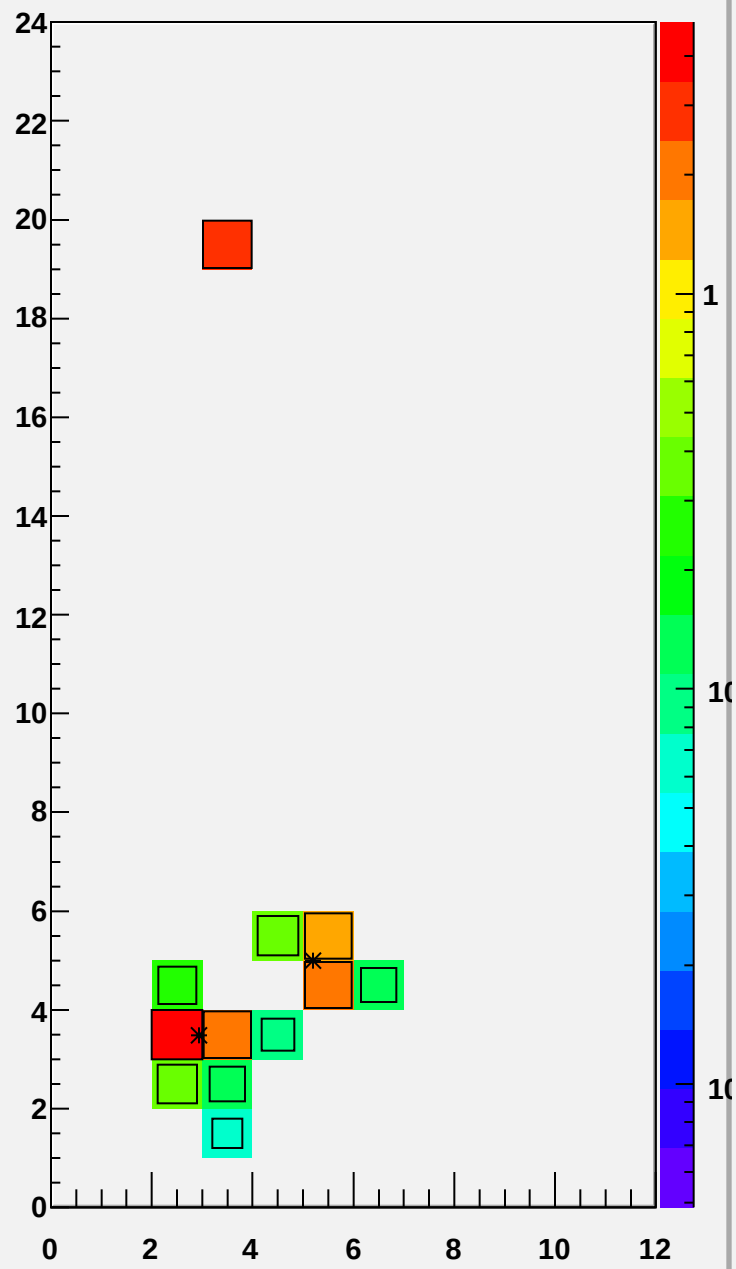
Fitted Energies



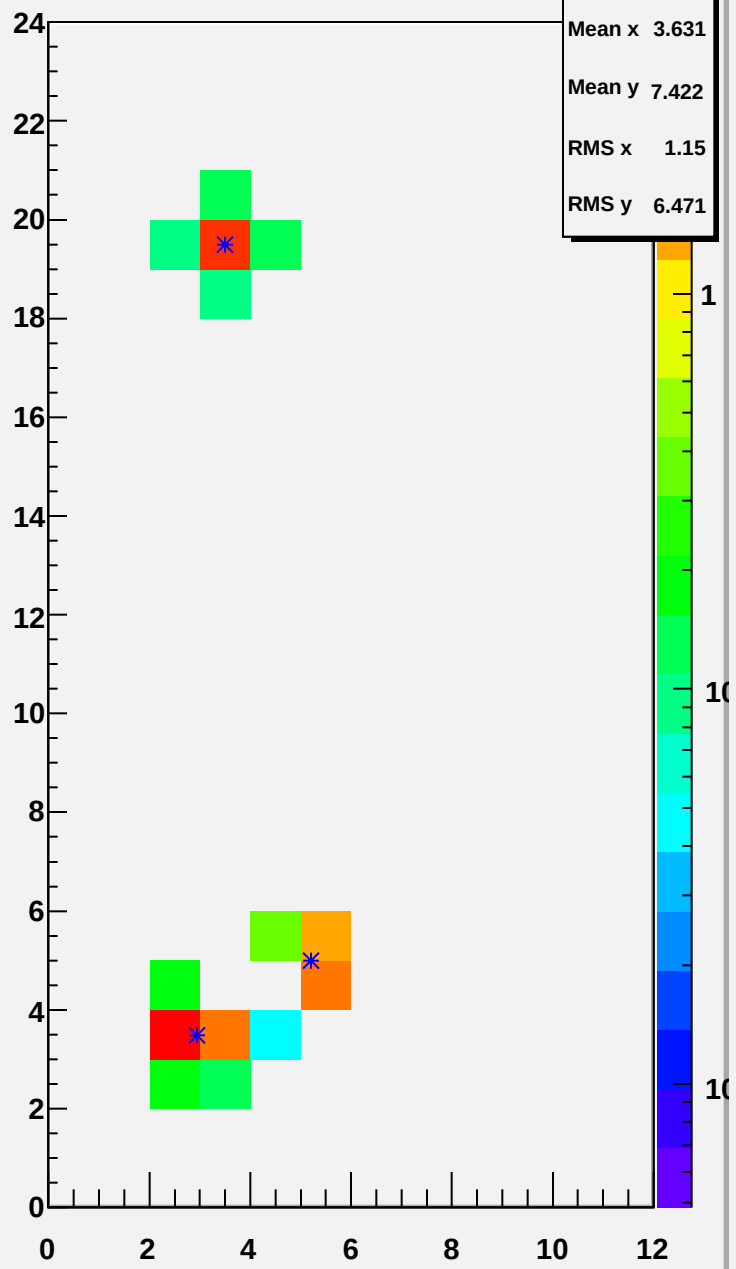
Efit

Entries 288
Mean x 3.622
Mean y 11.13
RMS x 1.482
RMS y 7.25

NSTB3_r4_c3_En=15.3_m0=0.091 m1=0.091 index=296



Fitted Energies



Efit

Entries 288

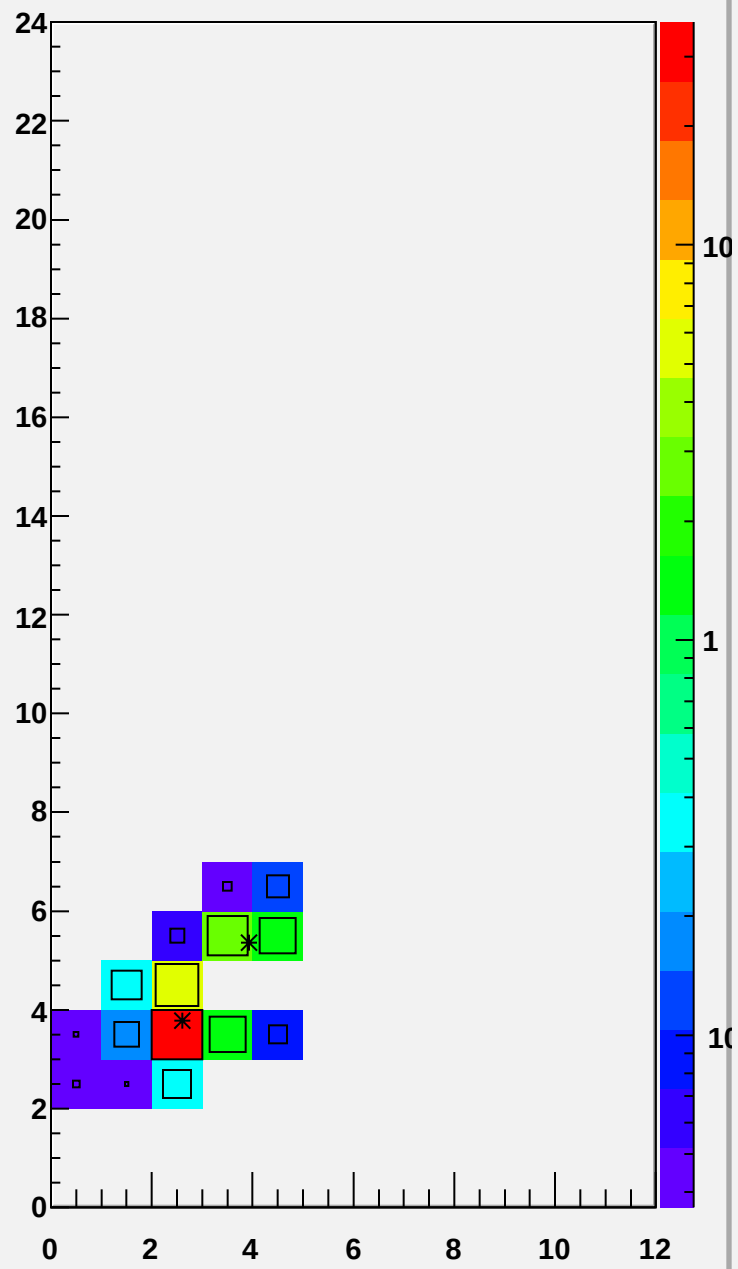
Mean x 3.631

Mean y 7.422

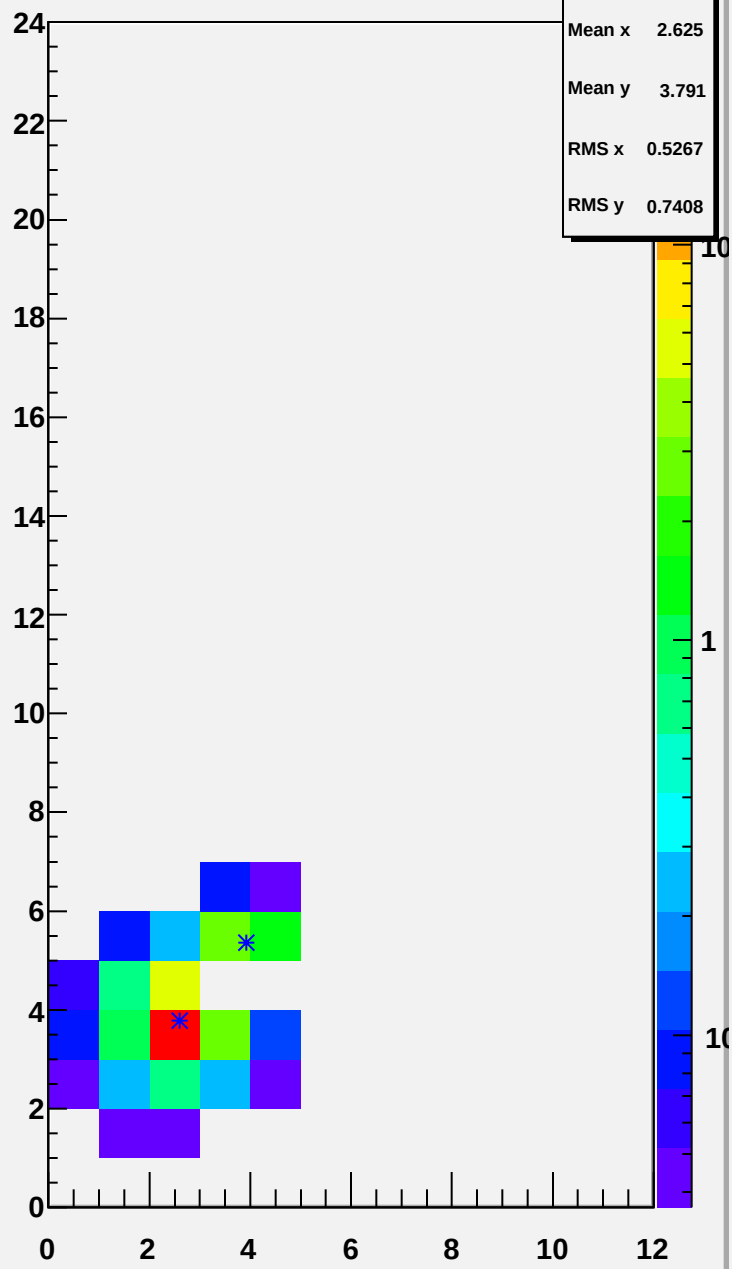
RMS x 1.15

RMS y 6.471

NSTB3_r4_c3_En=48.7_m0=0.174 m1=0.174 index=297



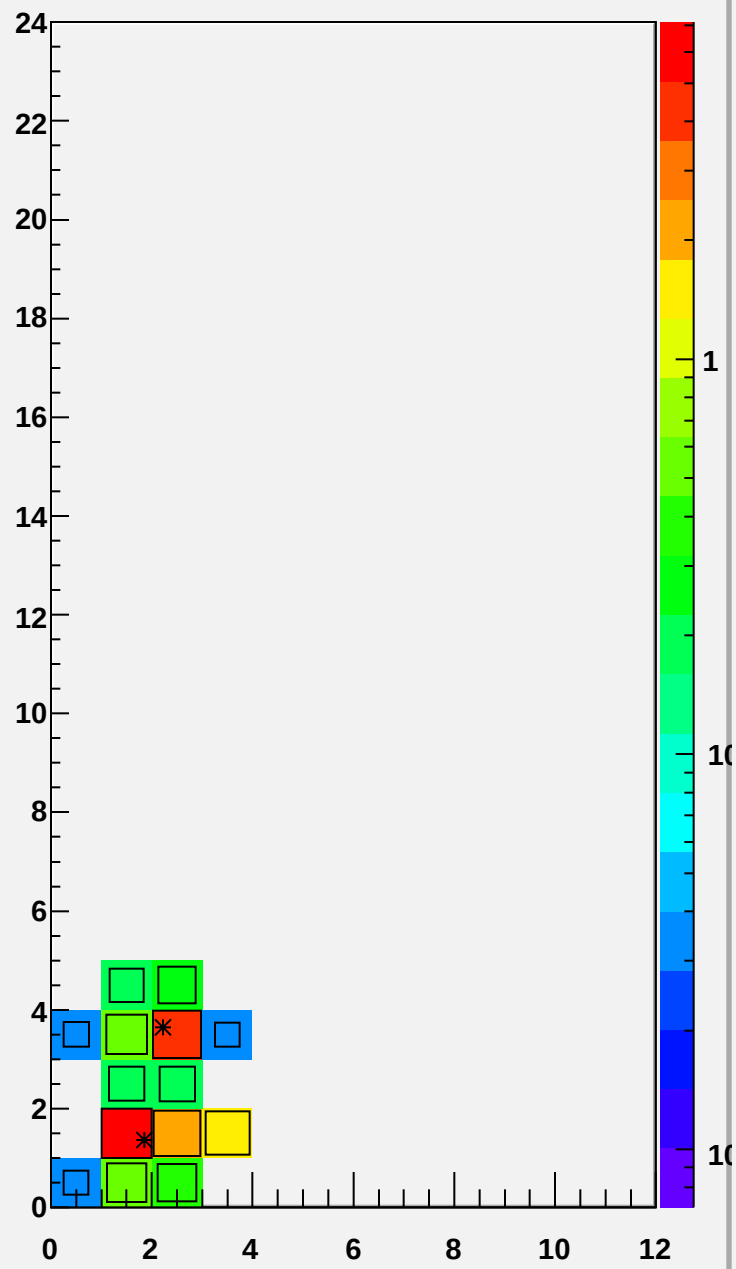
Fitted Energies



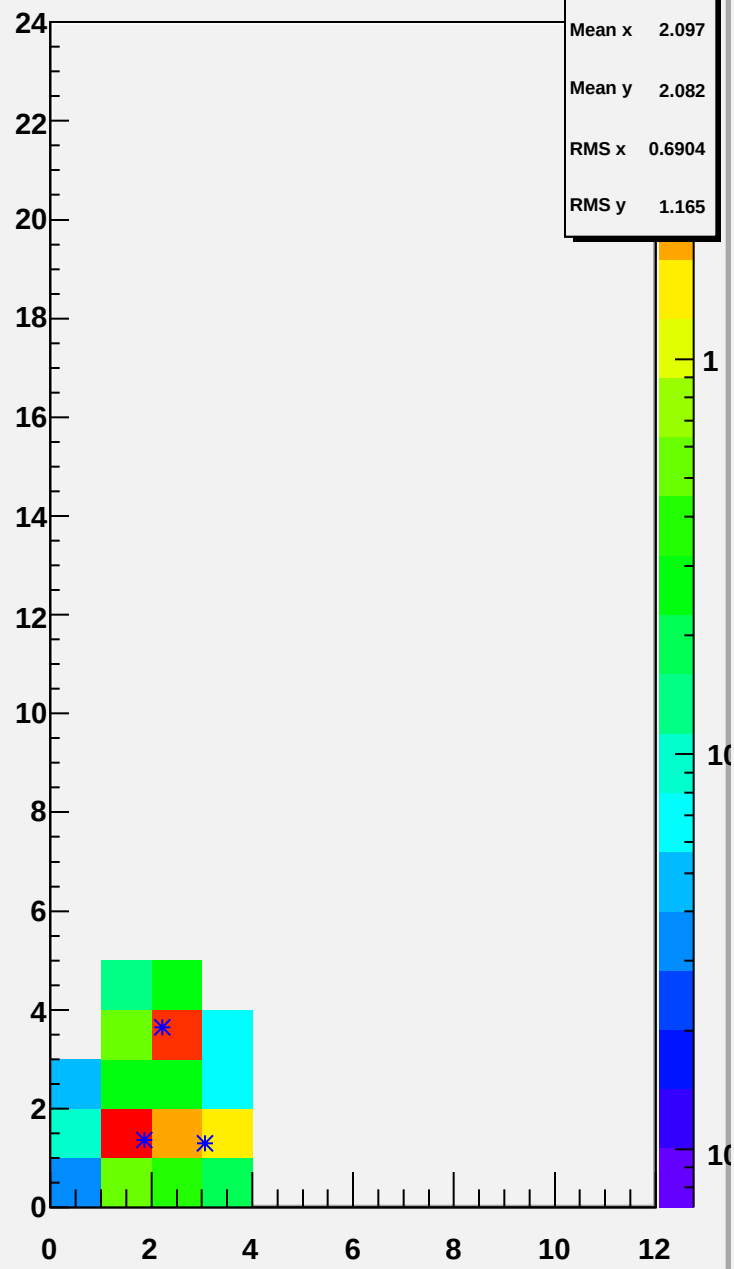
Efit

Entries	288
Mean x	2.625
Mean y	3.791
RMS x	0.5267
RMS y	0.7408

NSTB3_r4_c3_En=17.5_m0=0.094 m1=0.094 index=298



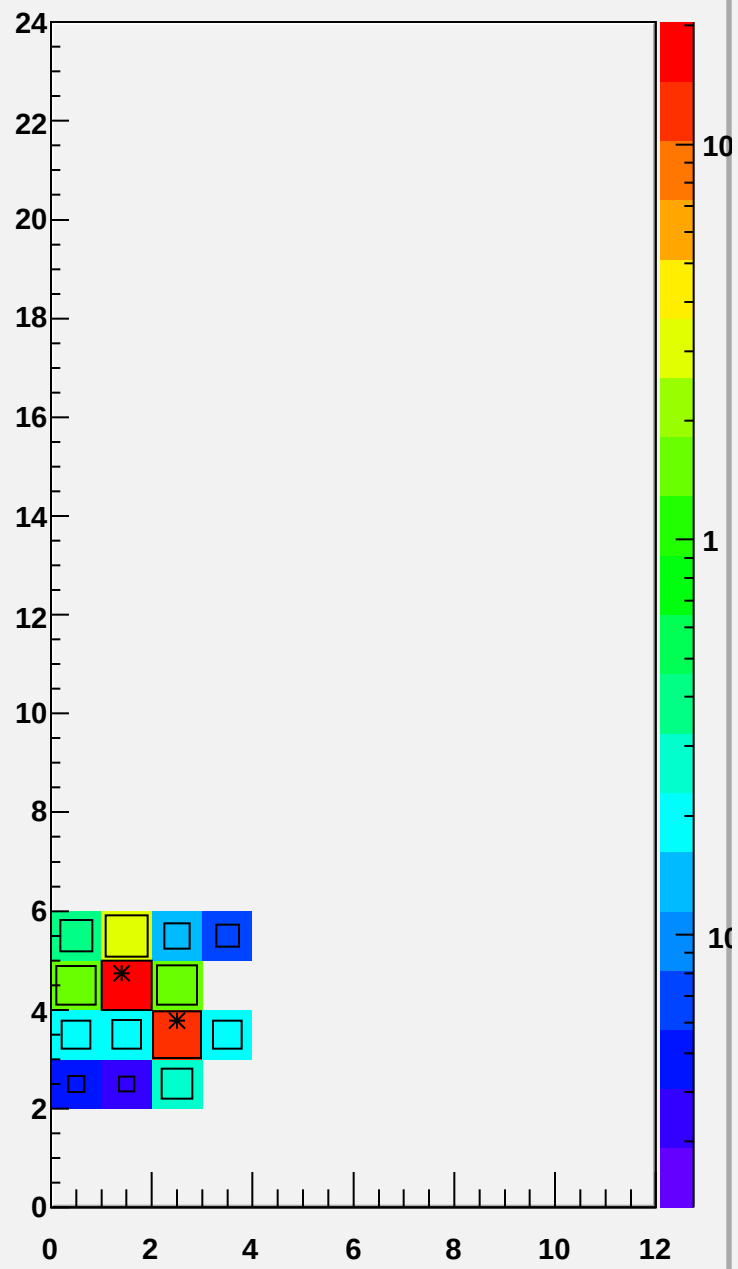
Fitted Energies



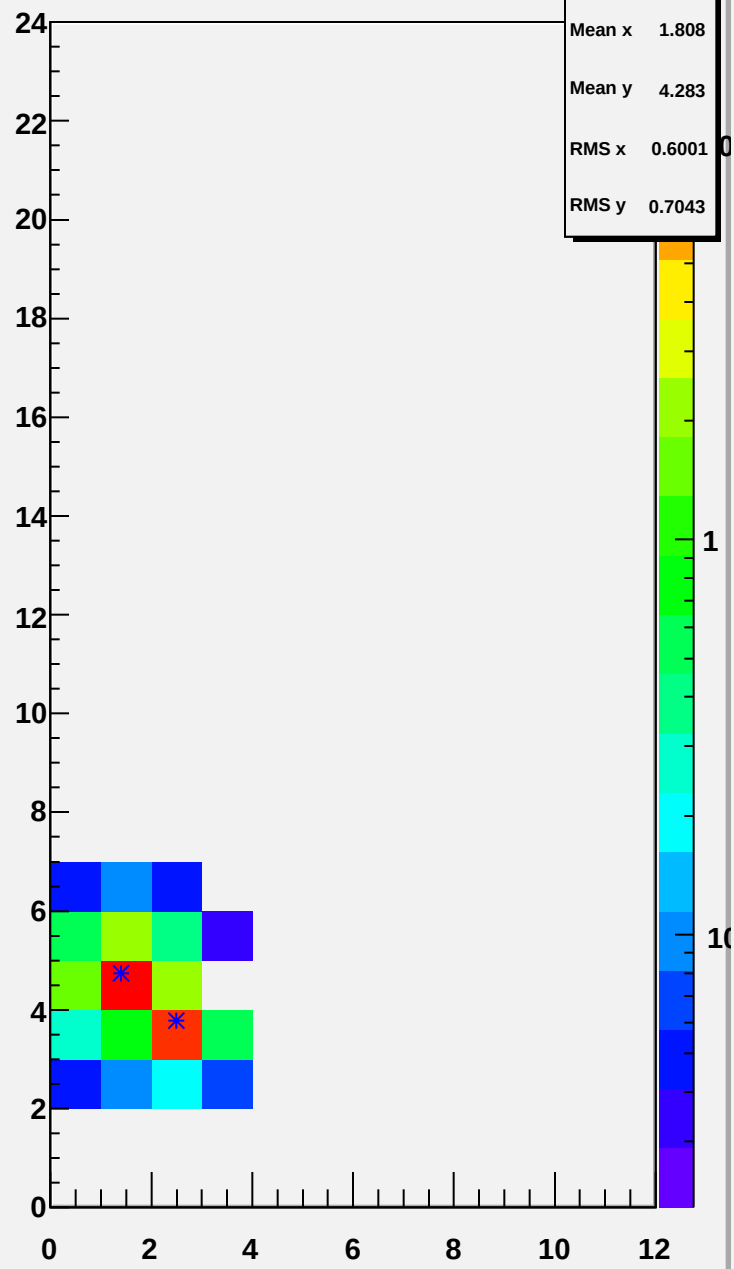
Efit

Entries	288
Mean x	2.097
Mean y	2.082
RMS x	0.6904
RMS y	1.165

NSTB3_r4_c3_En=38.0_m0=0.153 m1=0.153 index=299



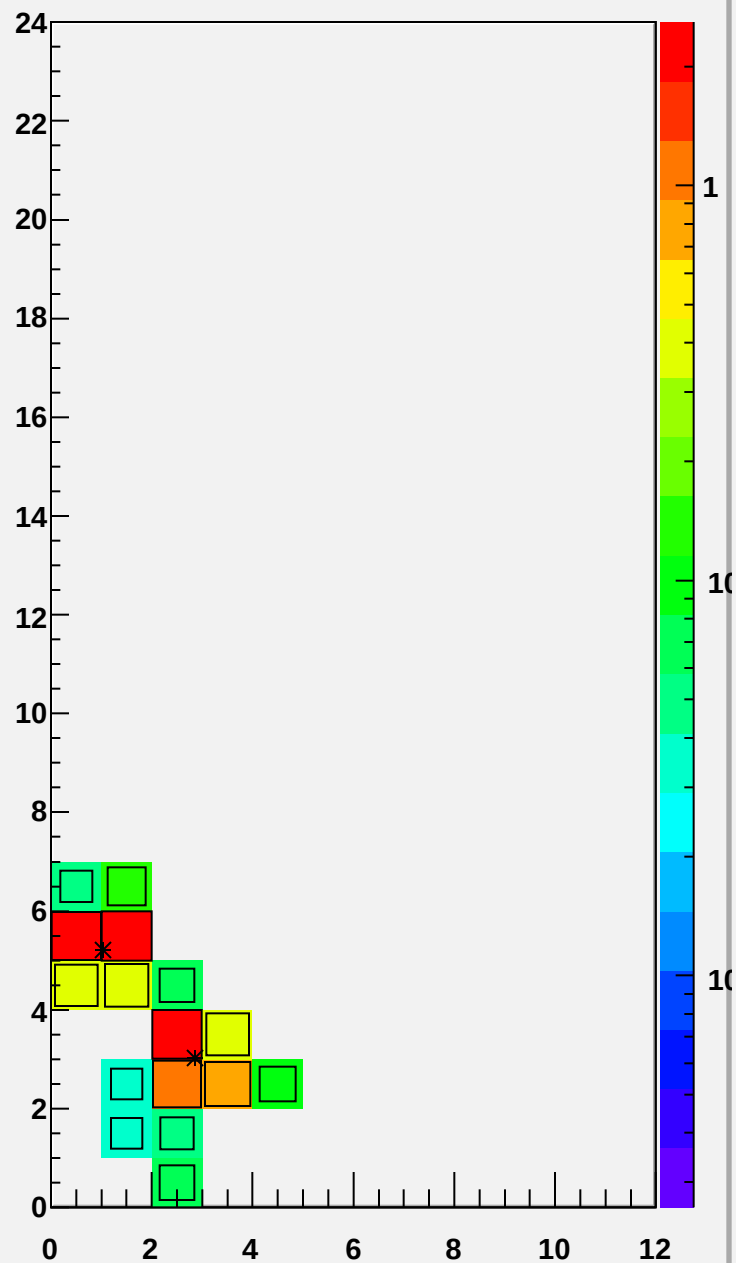
Fitted Energies



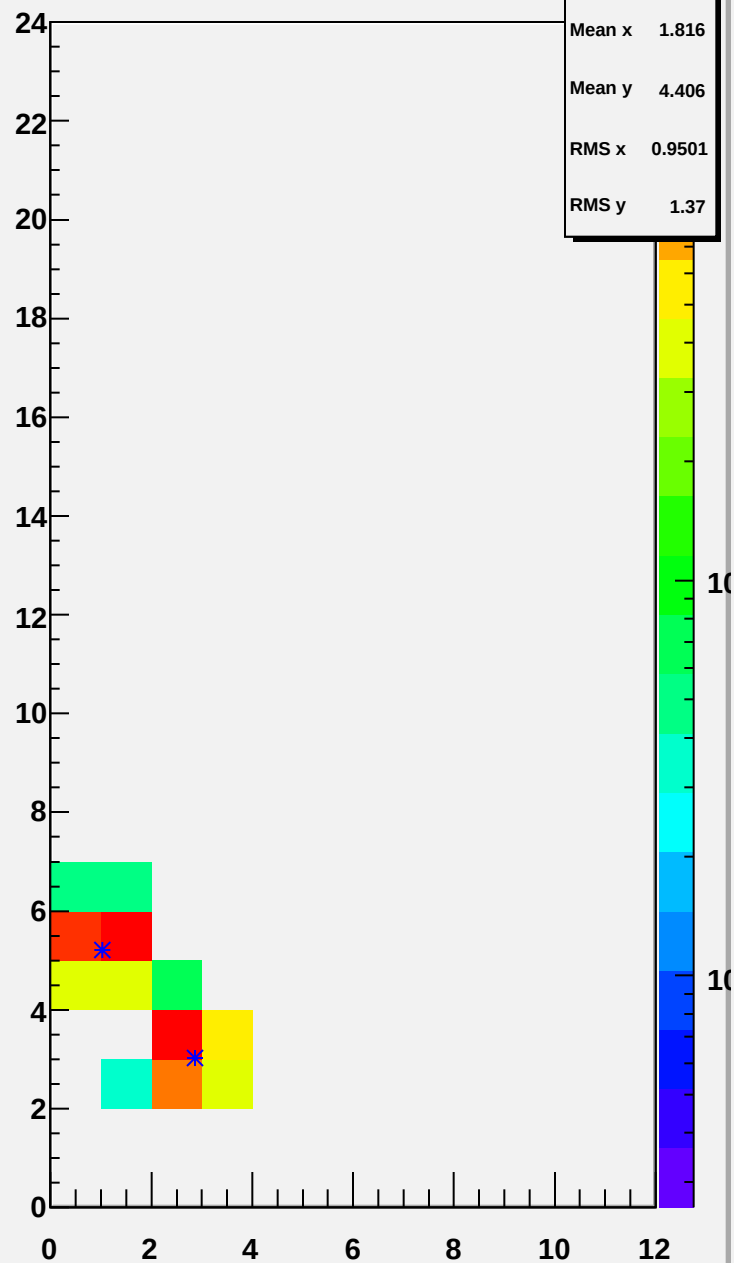
Efit

Entries	288
Mean x	1.808
Mean y	4.283
RMS x	0.6001
RMS y	0.7043

NSTB3_r4_c3_En=10.1_m0=0.079 m1=0.079 index=300



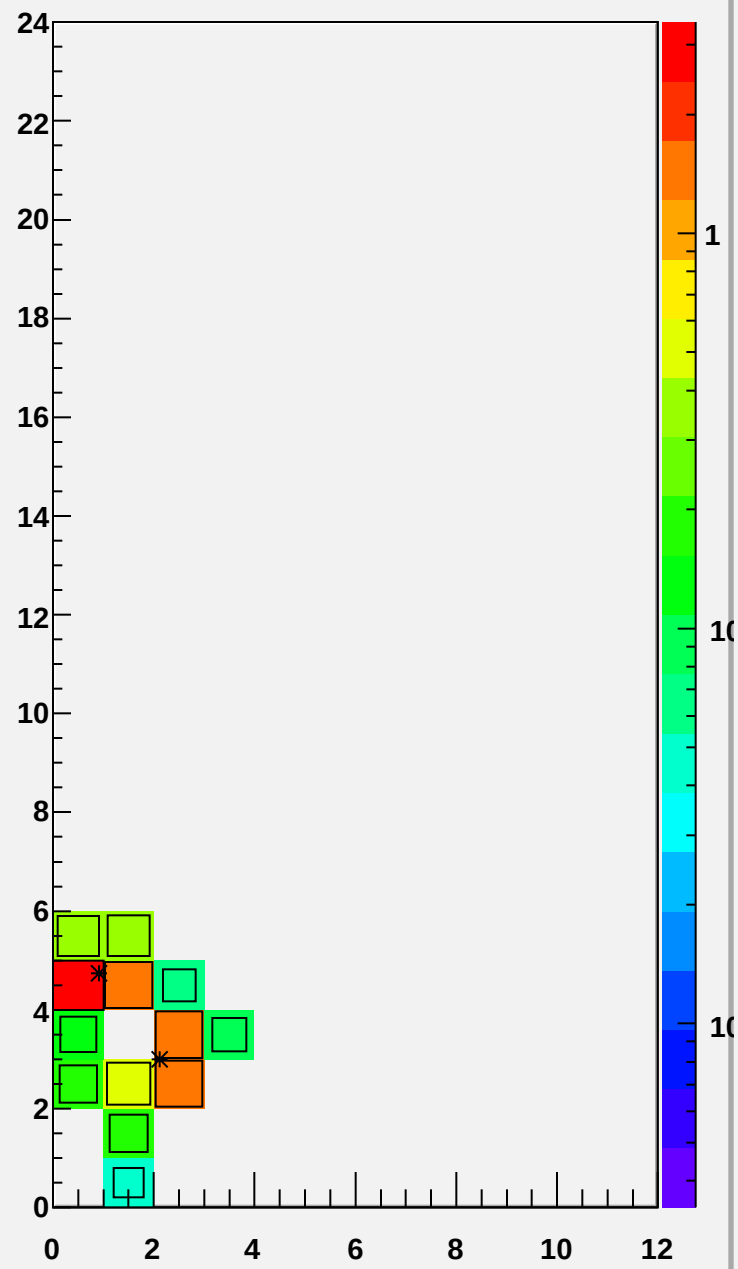
Fitted Energies



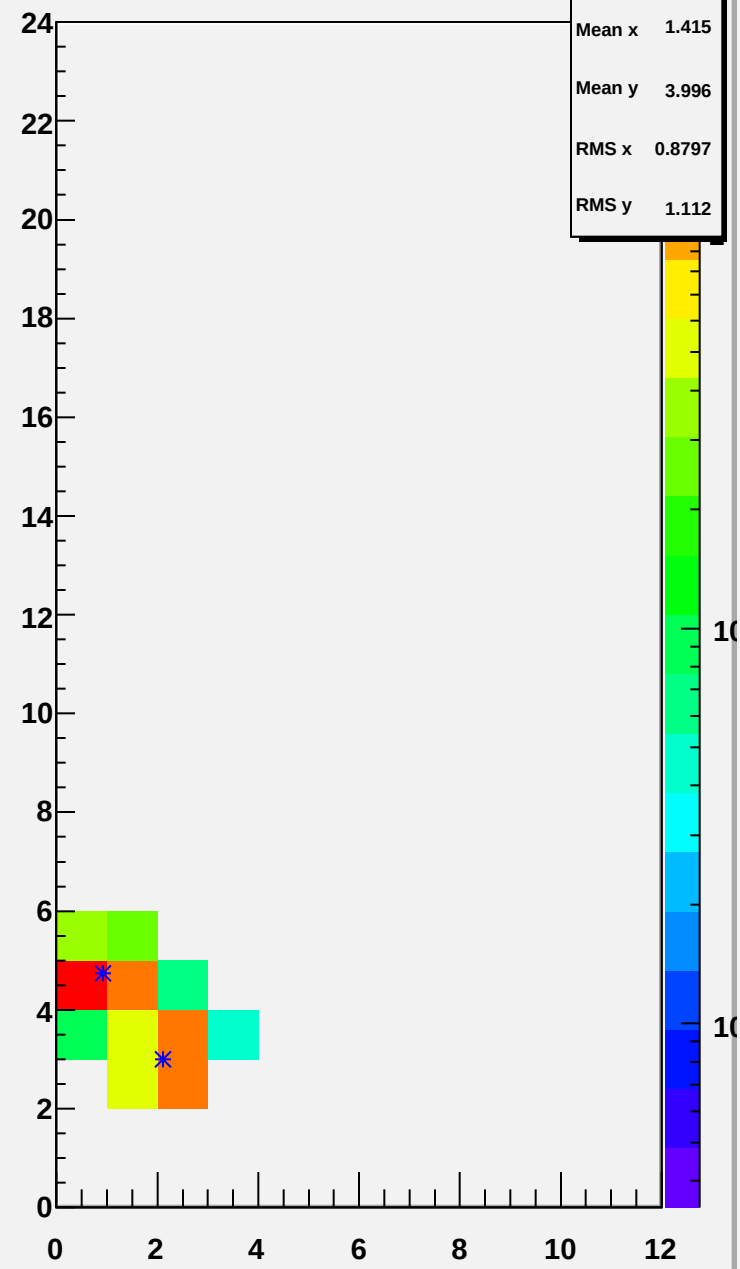
Efit

Entries	288
Mean x	1.816
Mean y	4.406
RMS x	0.9501
RMS y	1.37

NSTB3_r4_c3_En= 9.5_m0=0.057 m1=0.057 index=301



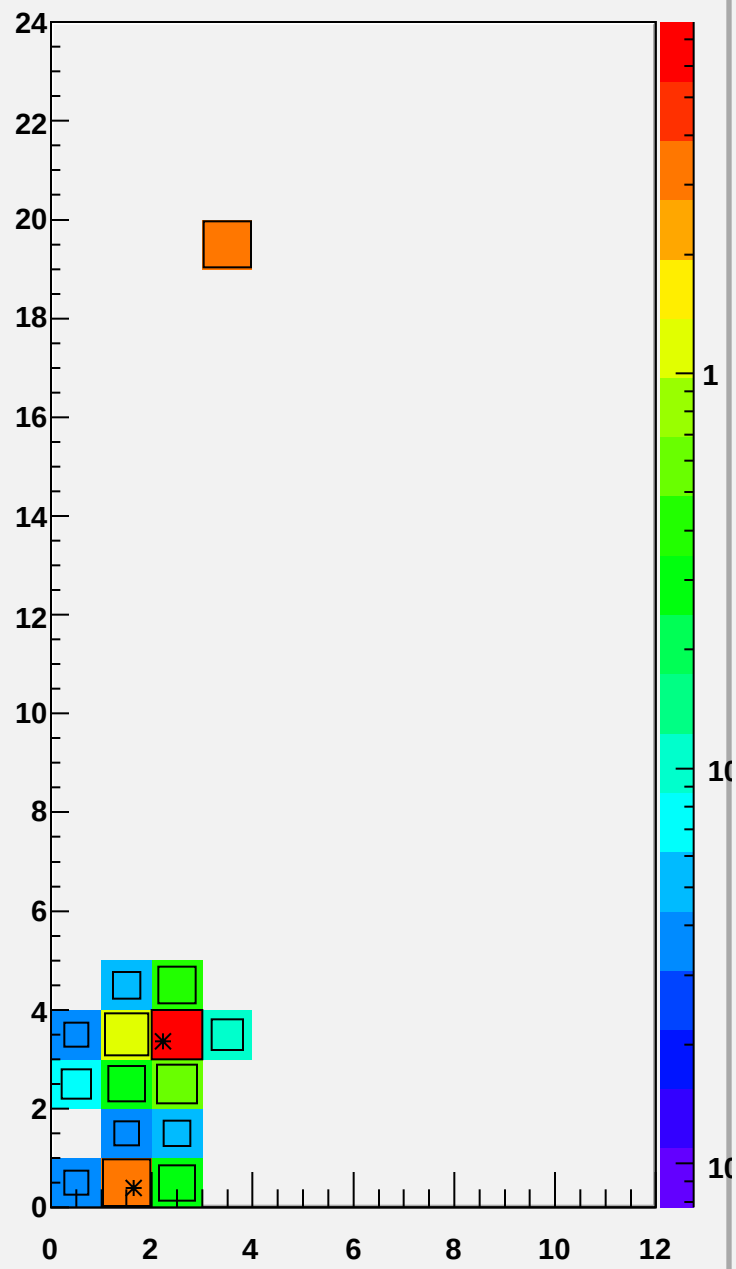
Fitted Energies



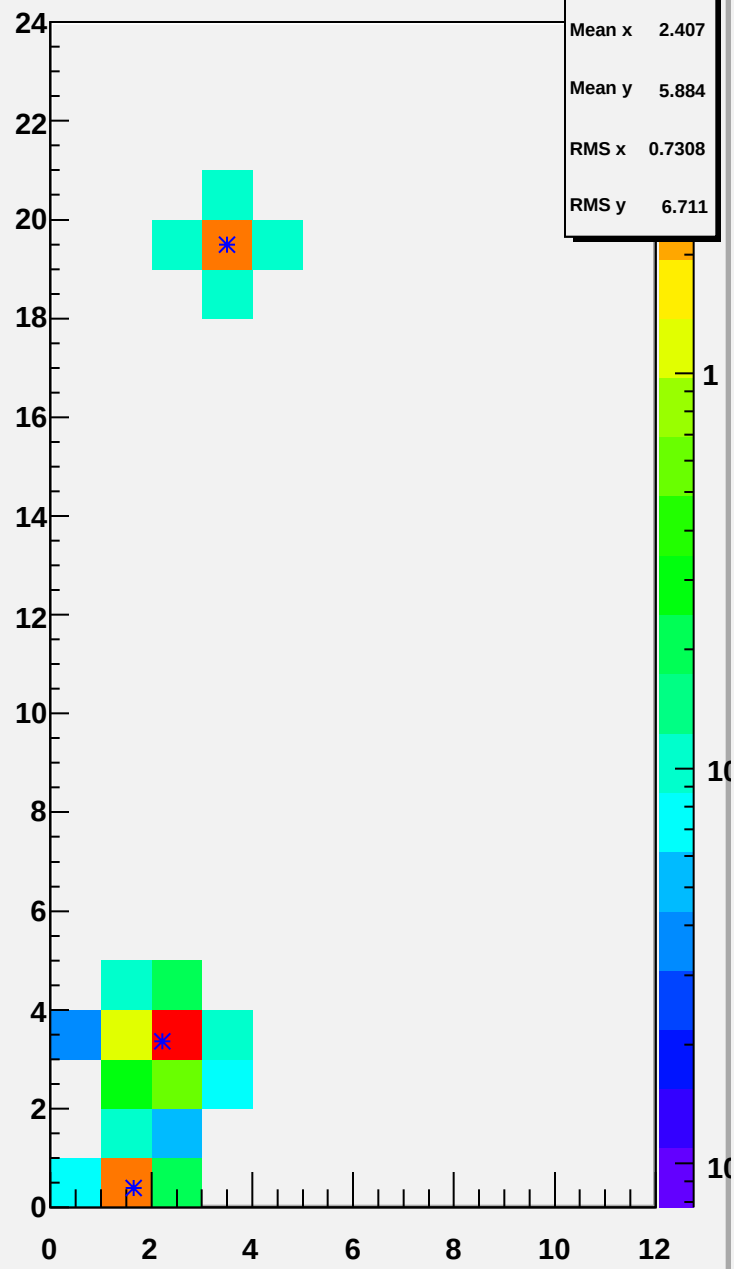
Efit

Entries	288
Mean x	1.415
Mean y	3.996
RMS x	0.8797
RMS y	1.112

NSTB3_r4_c3_En=17.4_m0=0.109 m1=0.109 index=303



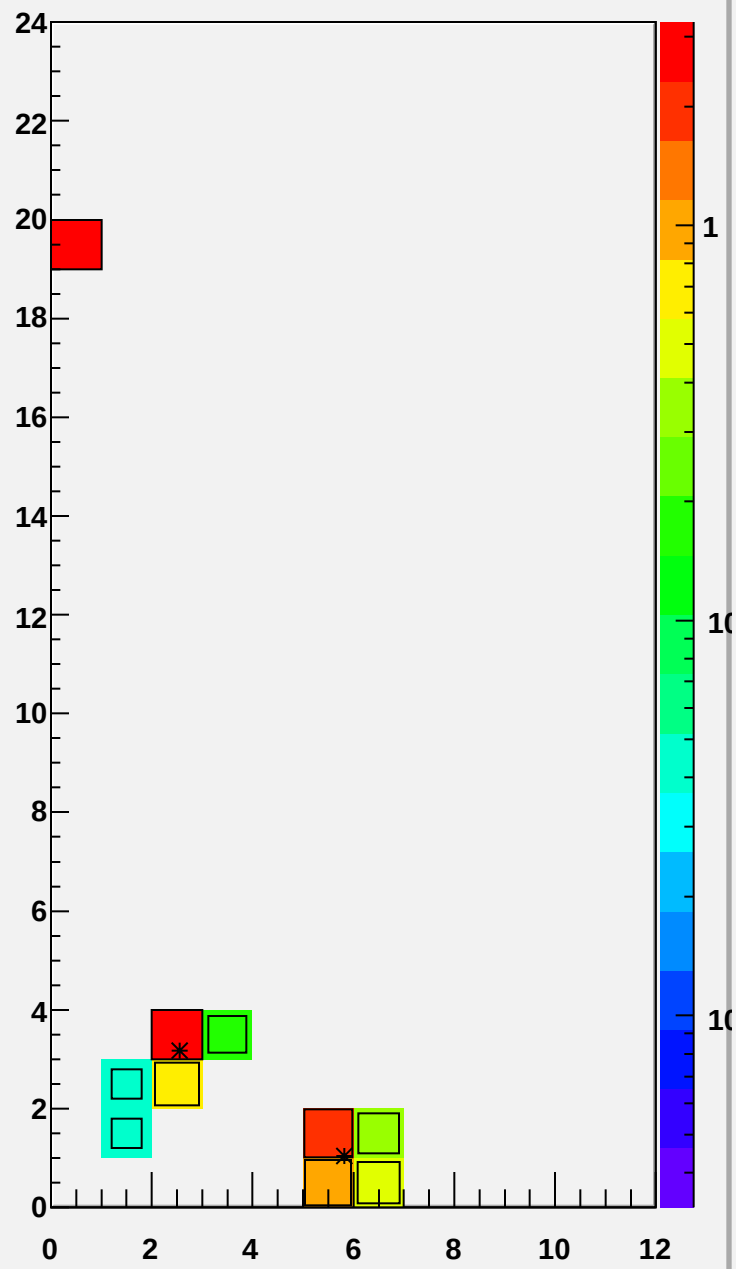
Fitted Energies



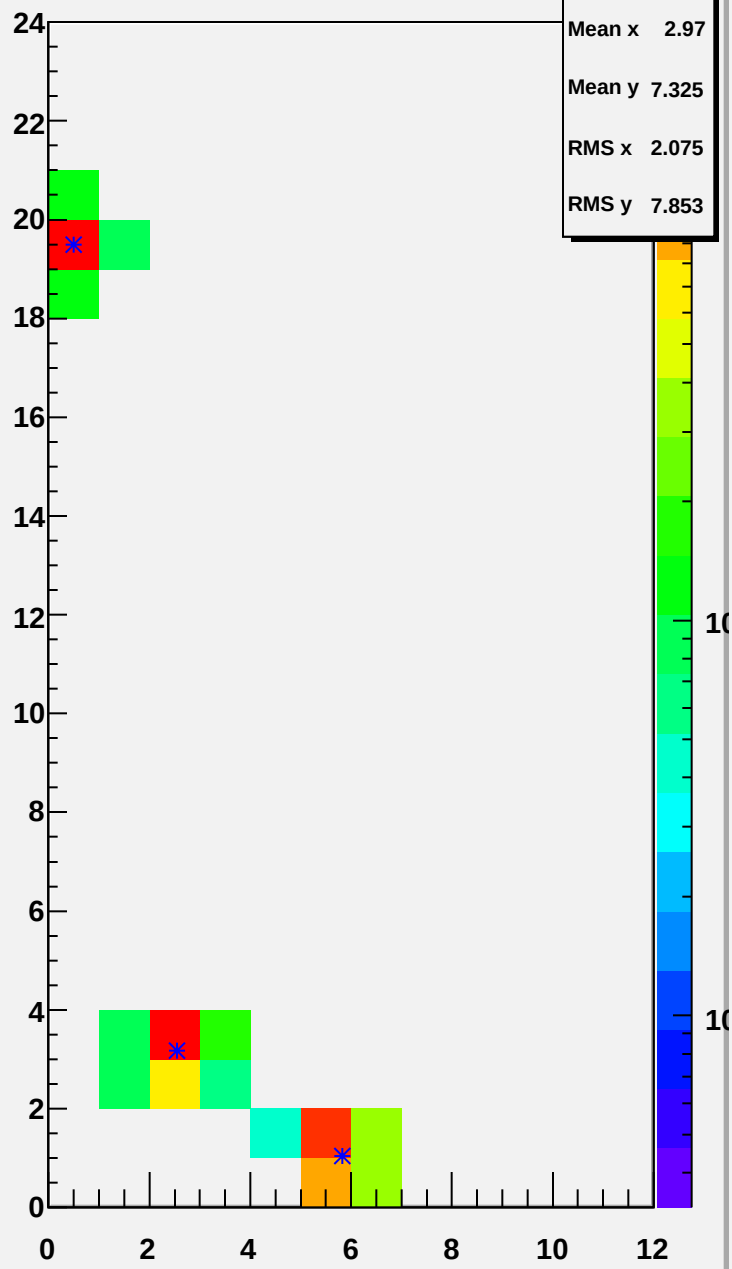
Efit

Entries	288
Mean x	2.407
Mean y	5.884
RMS x	0.7308
RMS y	6.711

NSTB3_r4_c3_En=11.0_m0=0.089 m1=0.089 index=304



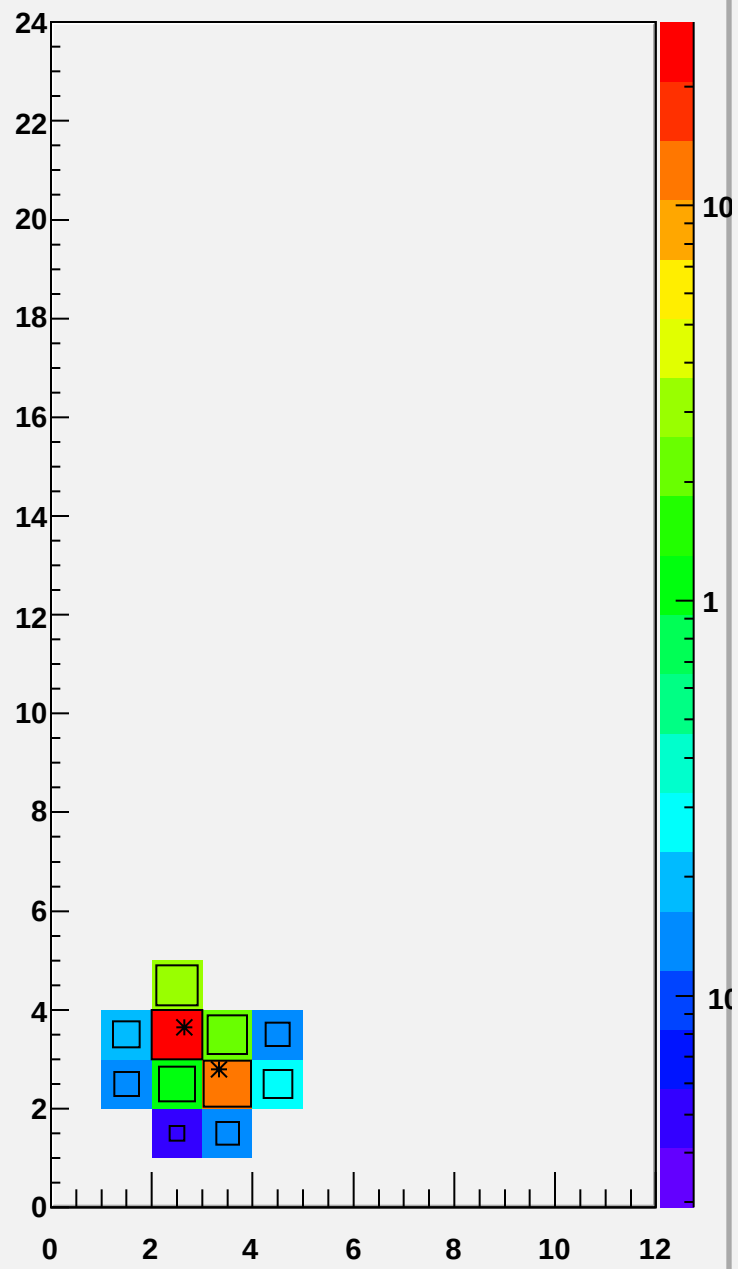
Fitted Energies



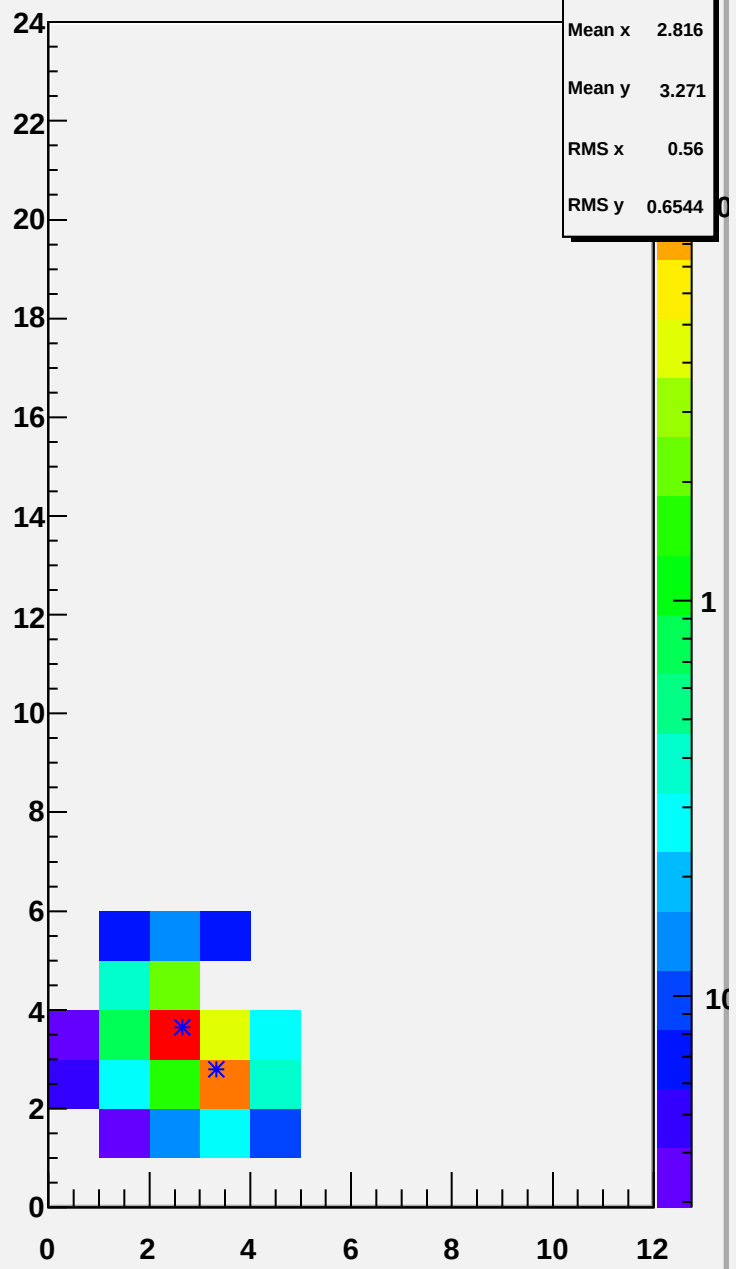
Efit

Entries 288
Mean x 2.97
Mean y 7.325
RMS x 2.075
RMS y 7.853

NSTB3_r4_c3_En=47.3_m0=0.143 m1=0.143 index=305



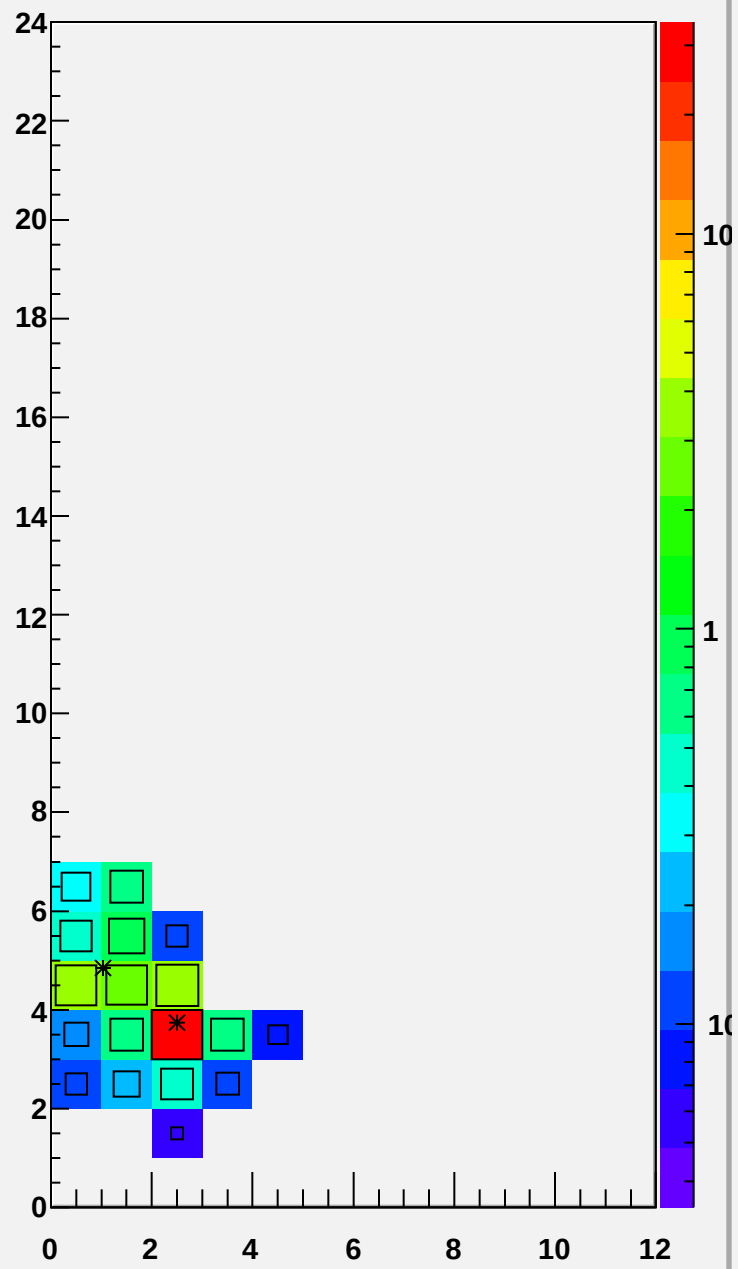
Fitted Energies



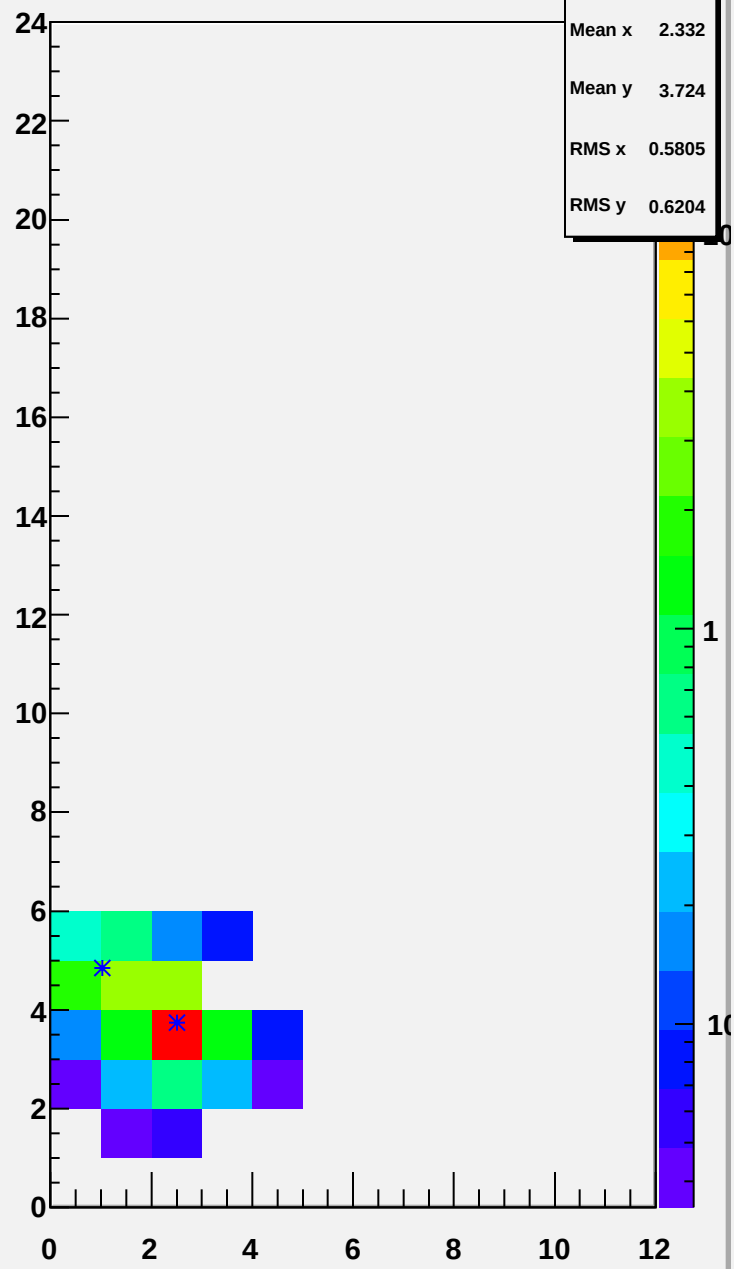
Efit

Entries	288
Mean x	2.816
Mean y	3.271
RMS x	0.56
RMS y	0.6544

NSTB3_r4_c3_En=49.5_m0=0.154 m1=0.153 index=306



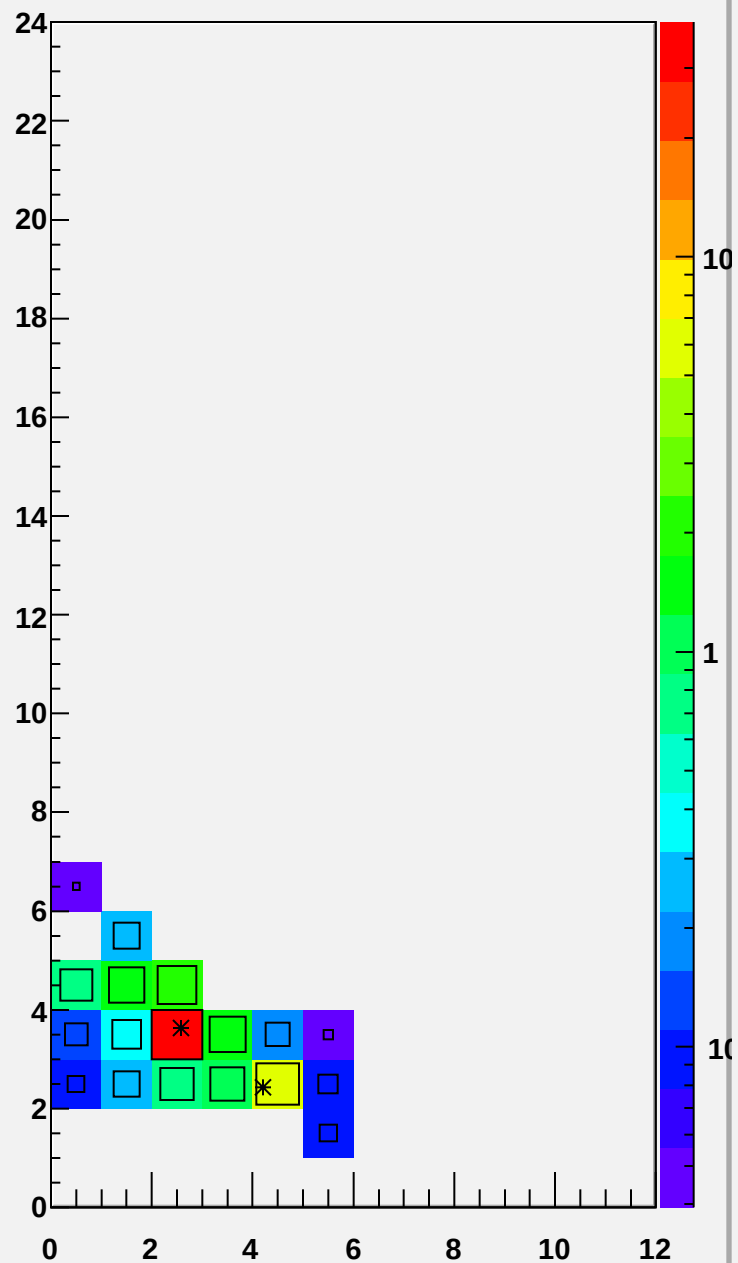
Fitted Energies



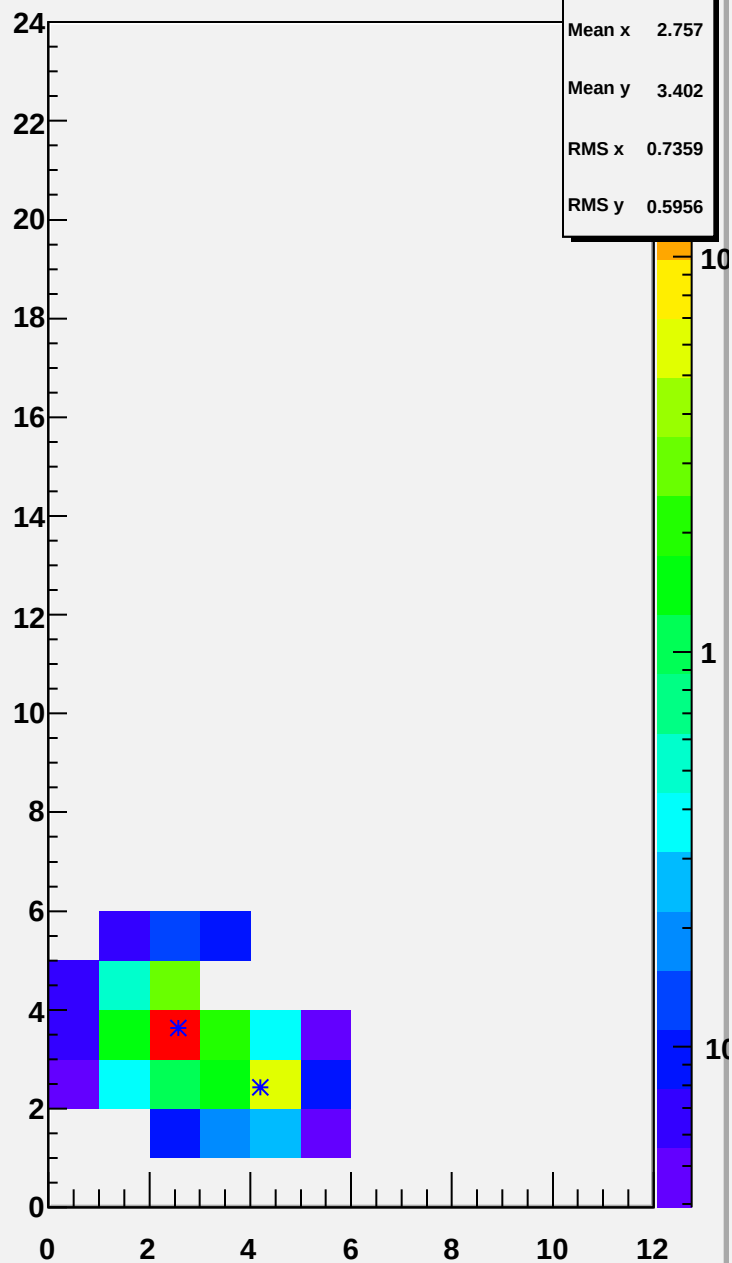
Efit

Entries	288
Mean x	2.332
Mean y	3.724
RMS x	0.5805
RMS y	0.6204

NSTB3_r4_c3_En=53.7_m0=0.209 m1=0.209 index=307



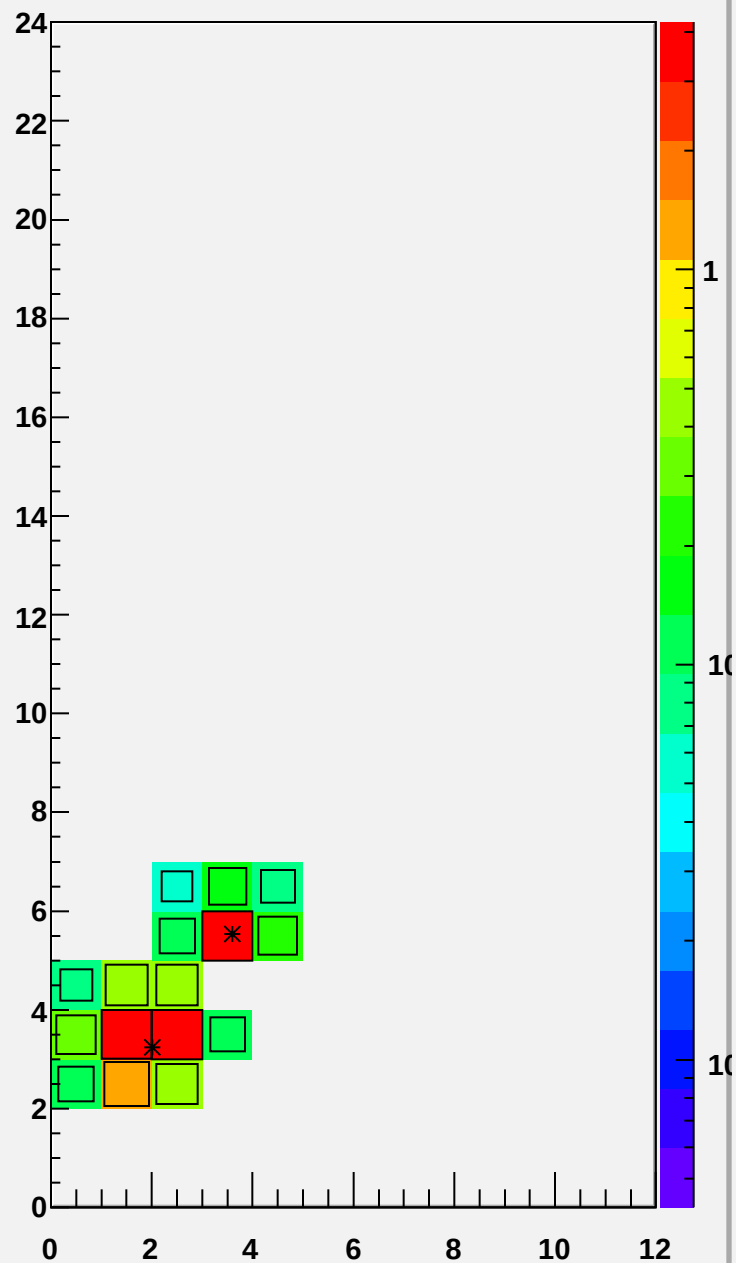
Fitted Energies



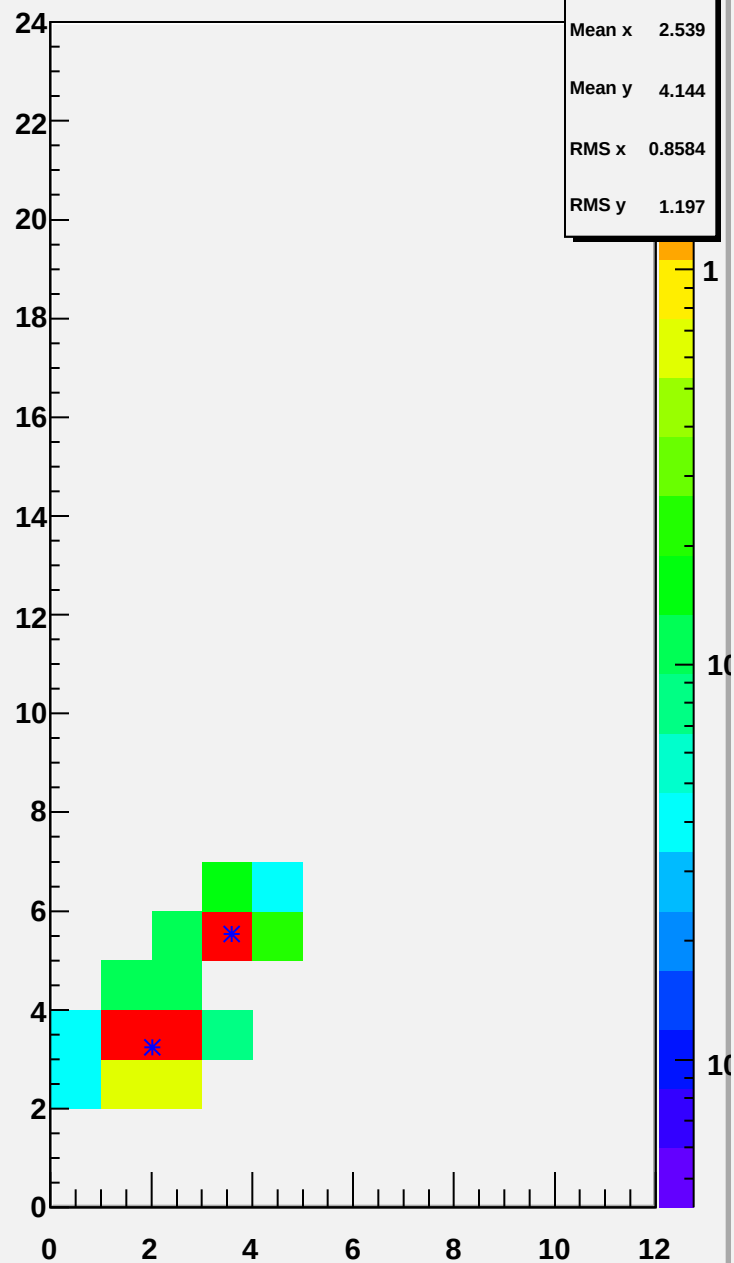
Efit

Entries	288
Mean x	2.757
Mean y	3.402
RMS x	0.7359
RMS y	0.5956

NSTB3_r4_c3_En=15.3_m0=0.105_m1=0.105_index=309



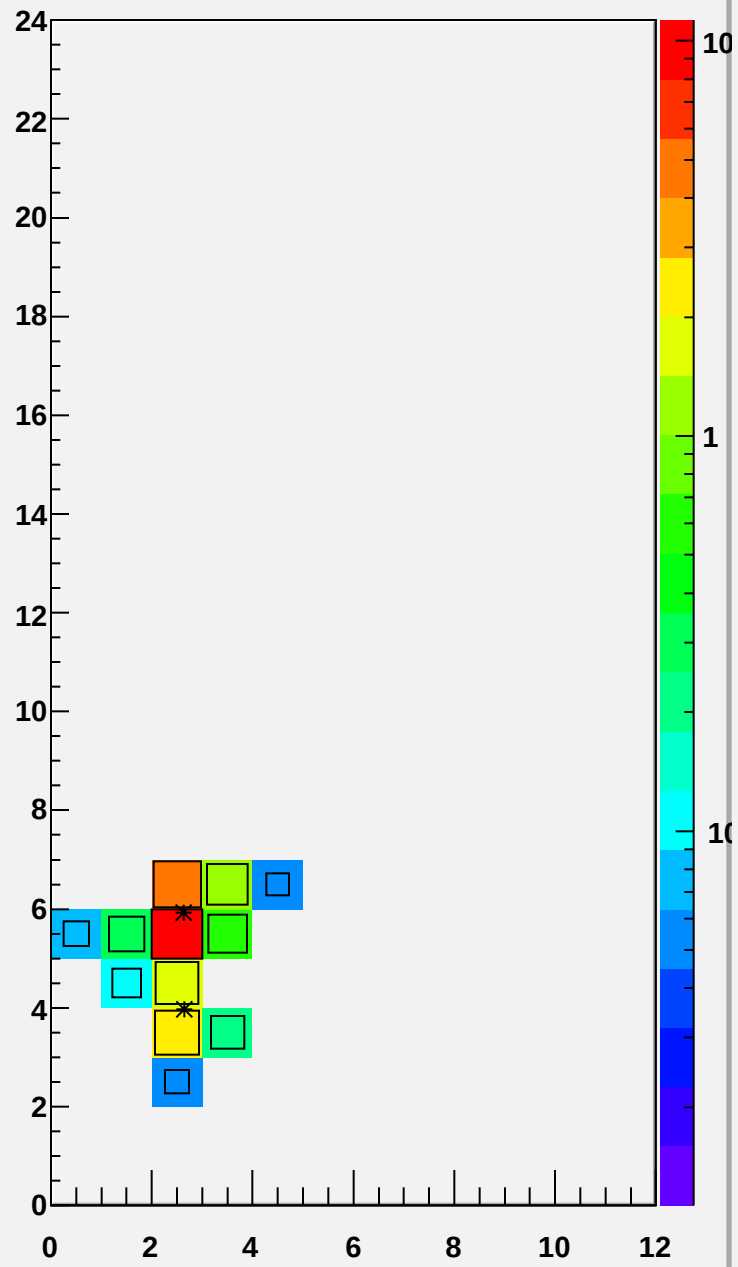
Fitted Energies



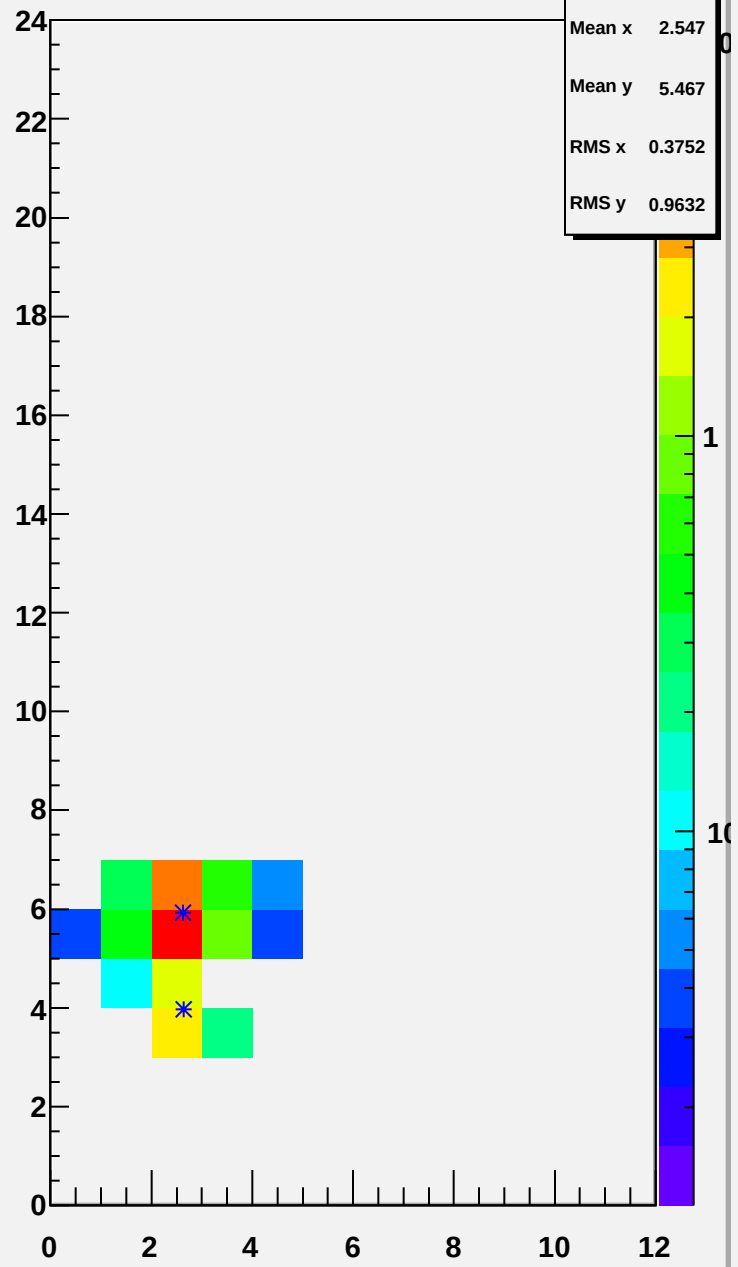
Efit

Entries	288
Mean x	2.539
Mean y	4.144
RMS x	0.8584
RMS y	1.197

NSTB3_r4_c3_En=22.8_m0=0.104_m1=0.104_index=310



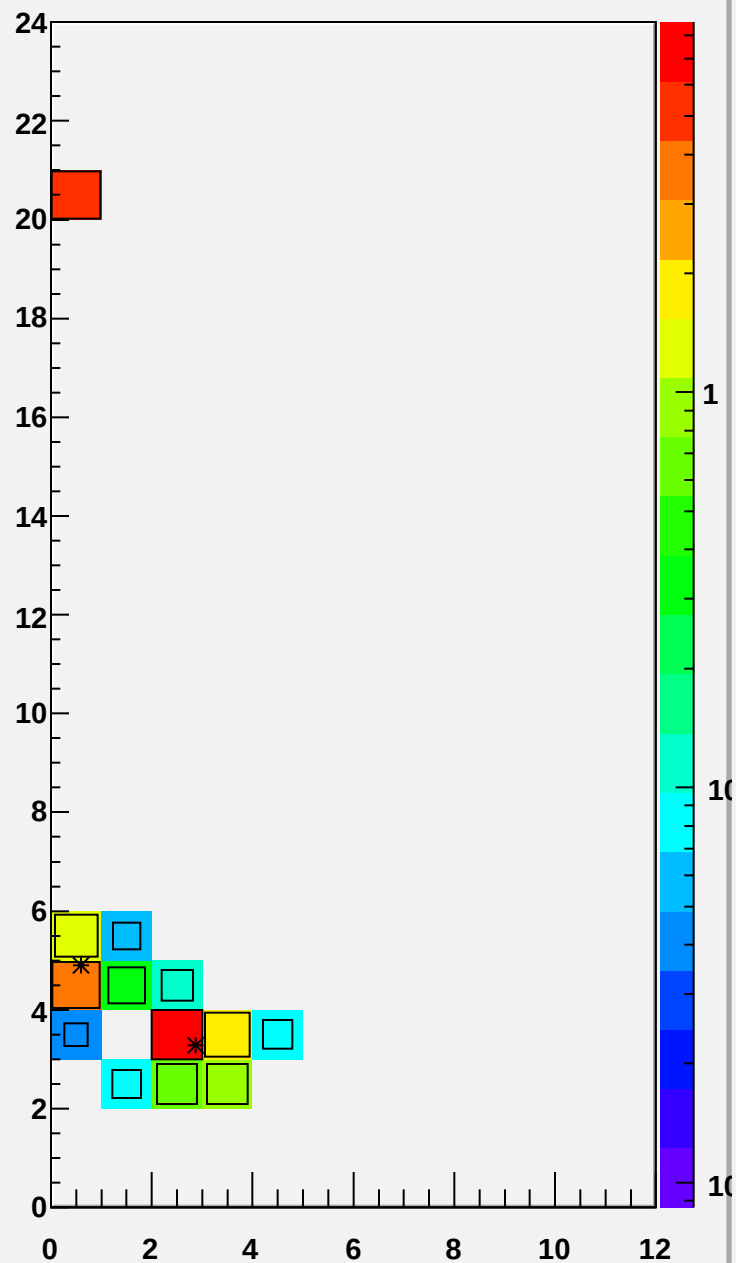
Fitted Energies



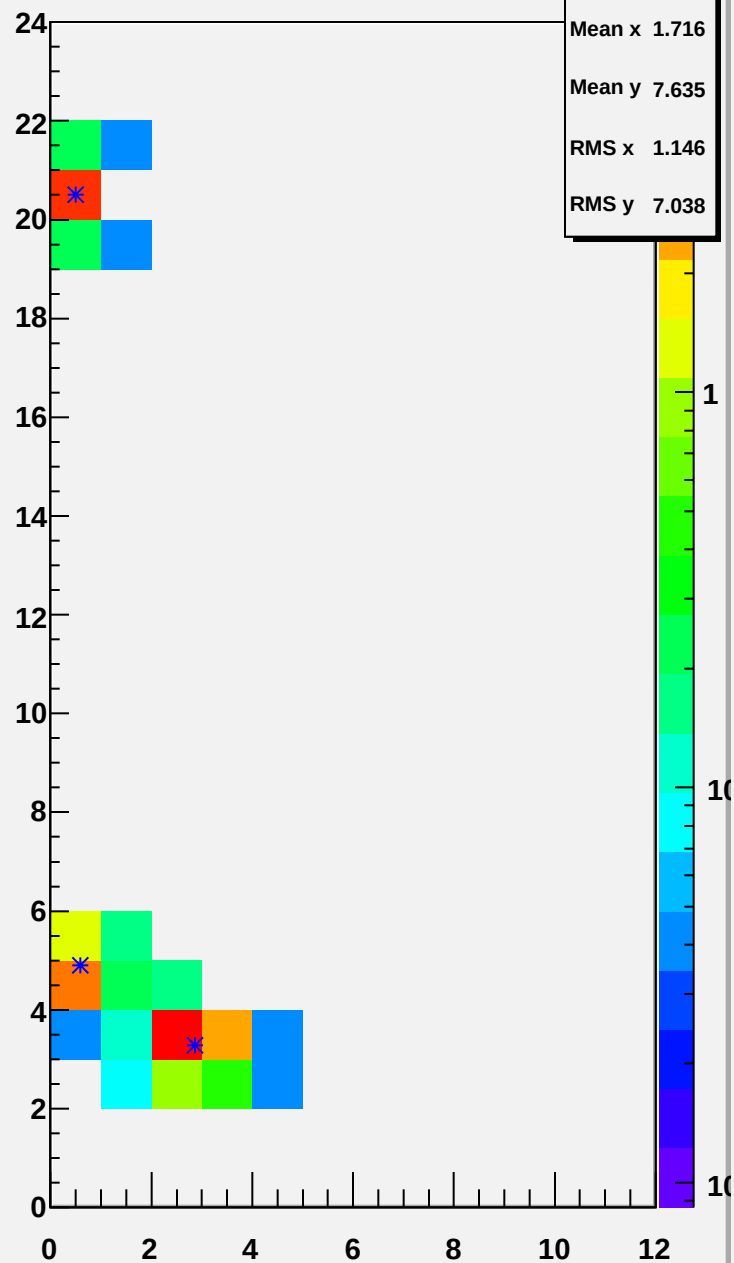
Efit

Entries	288
Mean x	2.547
Mean y	5.467
RMS x	0.3752
RMS y	0.9632

NSTB3_r4_c3_En=23.5_m0=0.133 m1=0.133 index=311



Fitted Energies



Efit

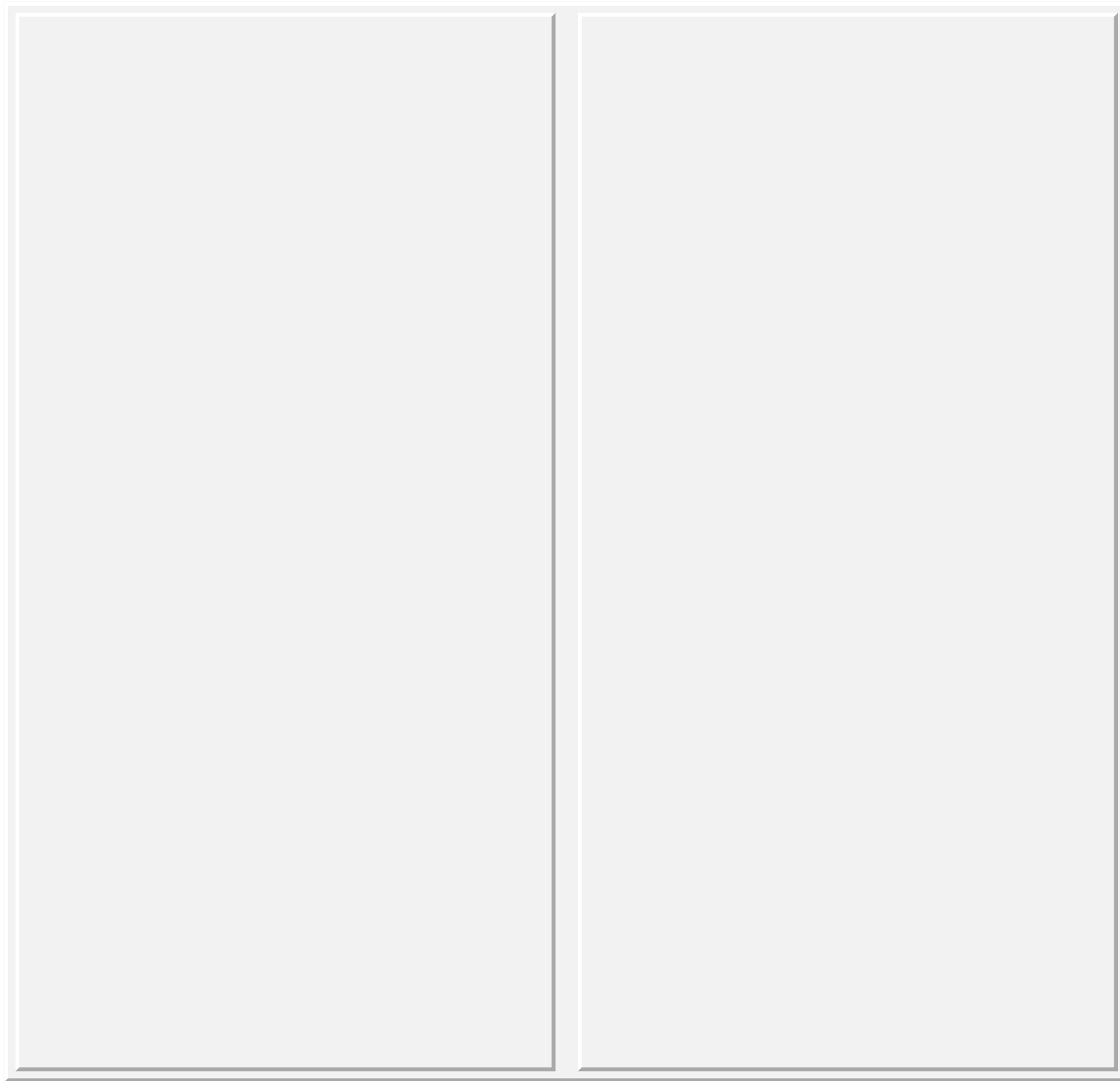
Entries 288

Mean x 1.716

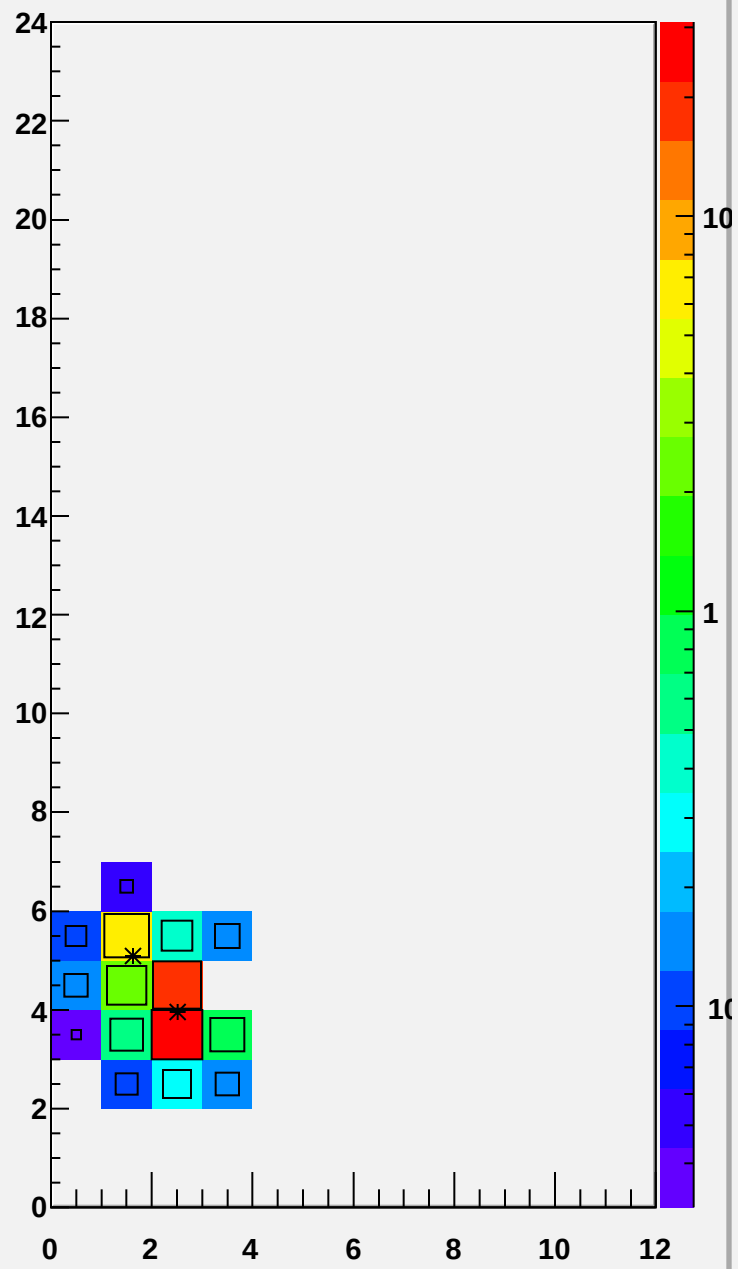
Mean y 7.635

RMS x 1.146

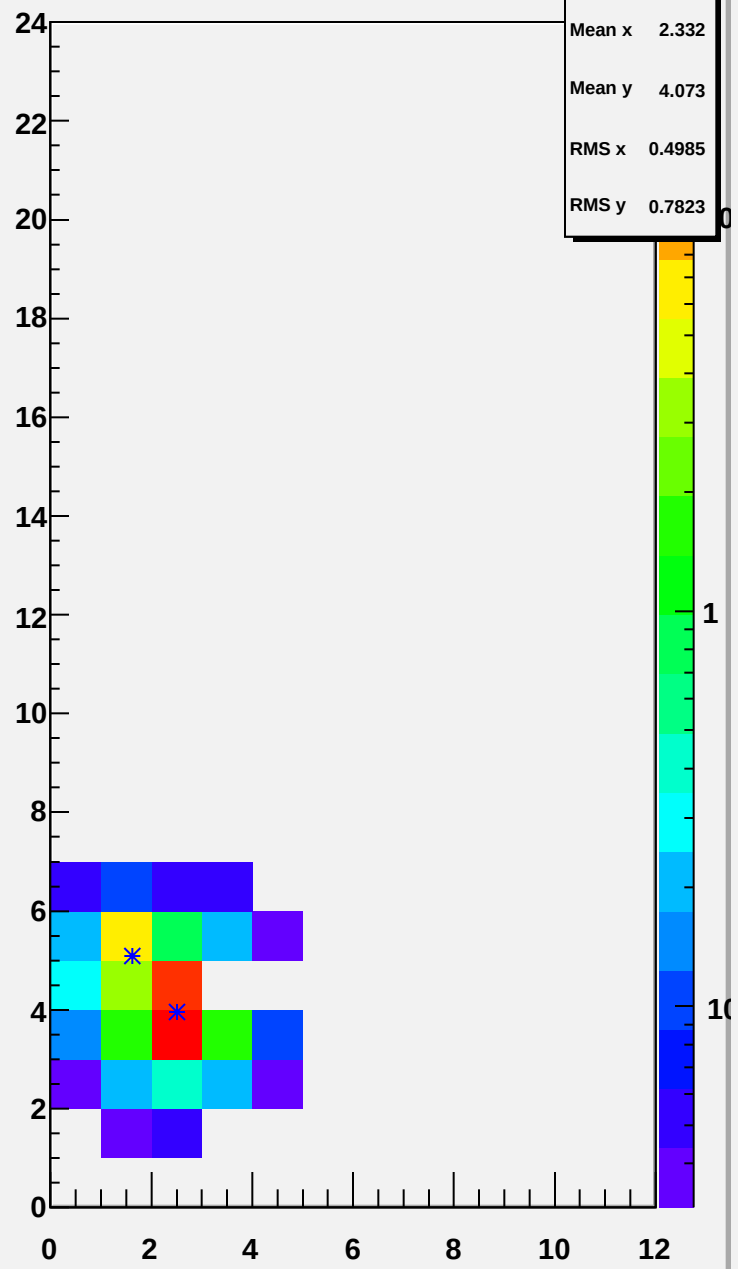
RMS y 7.038



NSTB3_r4_c3_En=59.9_m0=0.184_m1=0.184_index=313



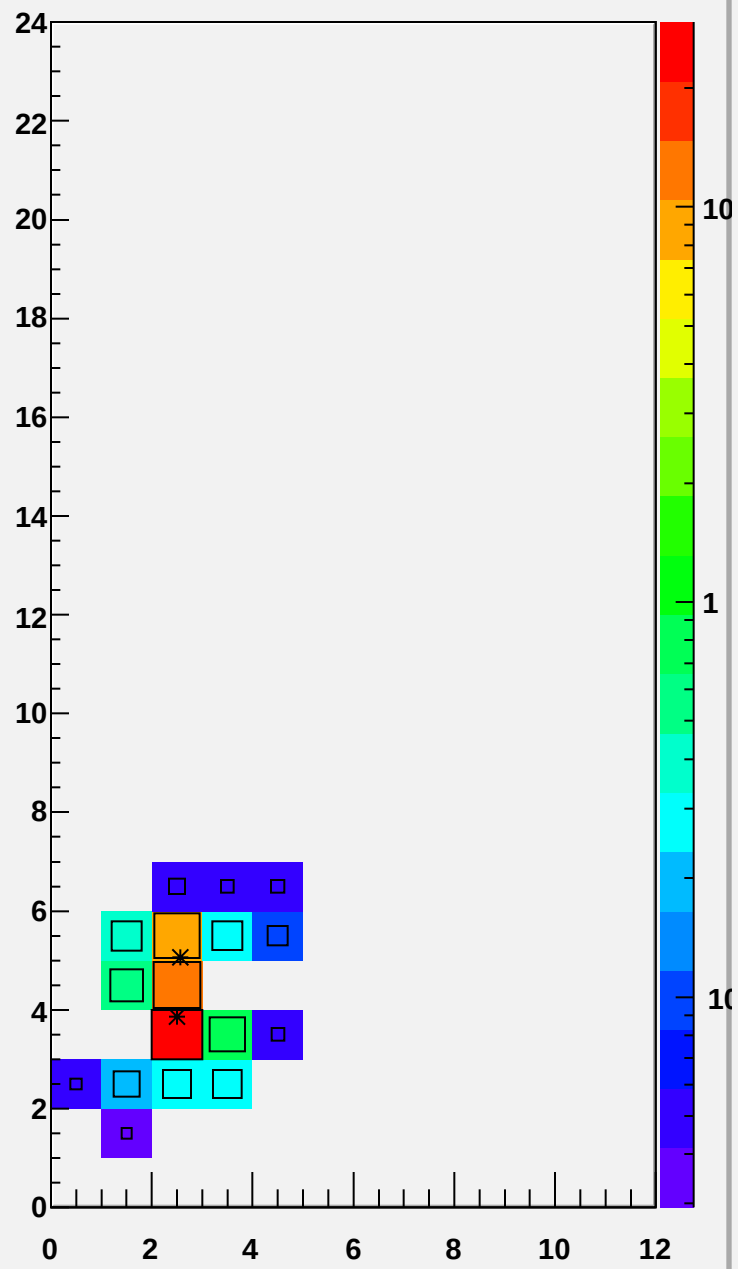
Fitted Energies



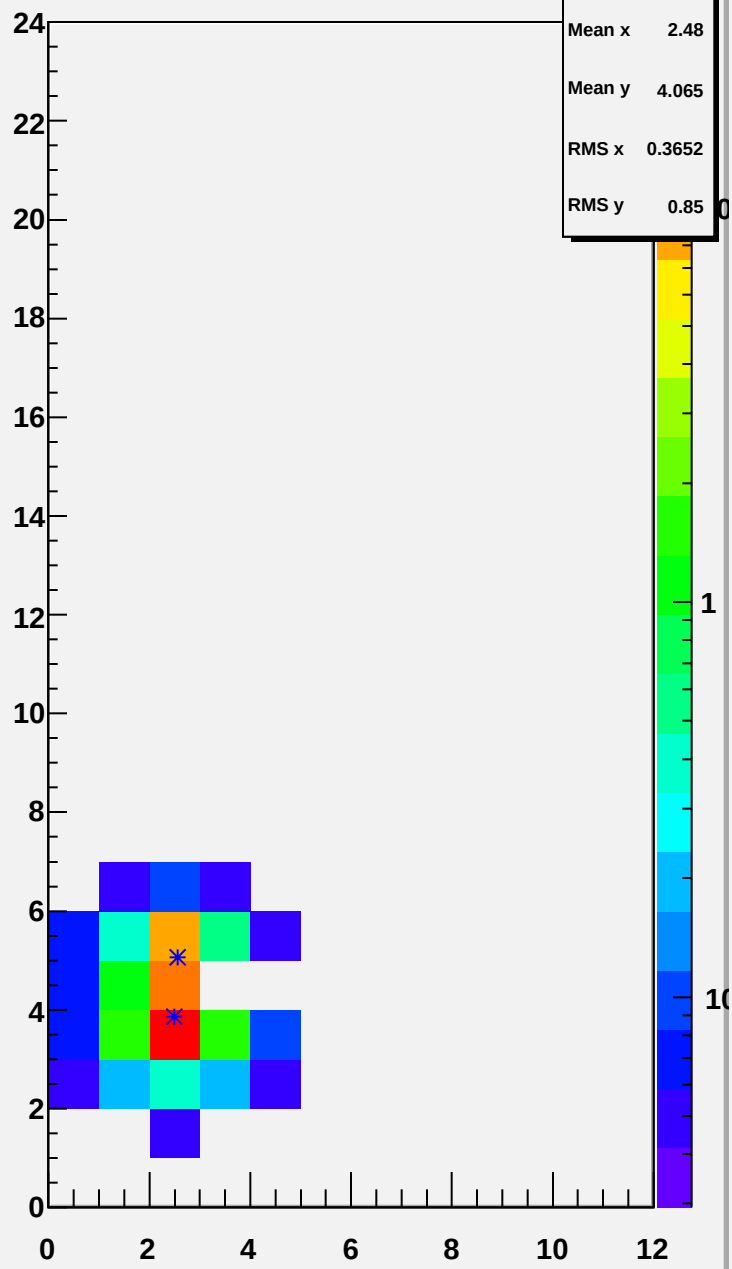
Efit

Entries	288
Mean x	2.332
Mean y	4.073
RMS x	0.4985
RMS y	0.7823

NSTB3_r4_c3_En=52.4_m0=0.156 m1=0.157 index=314



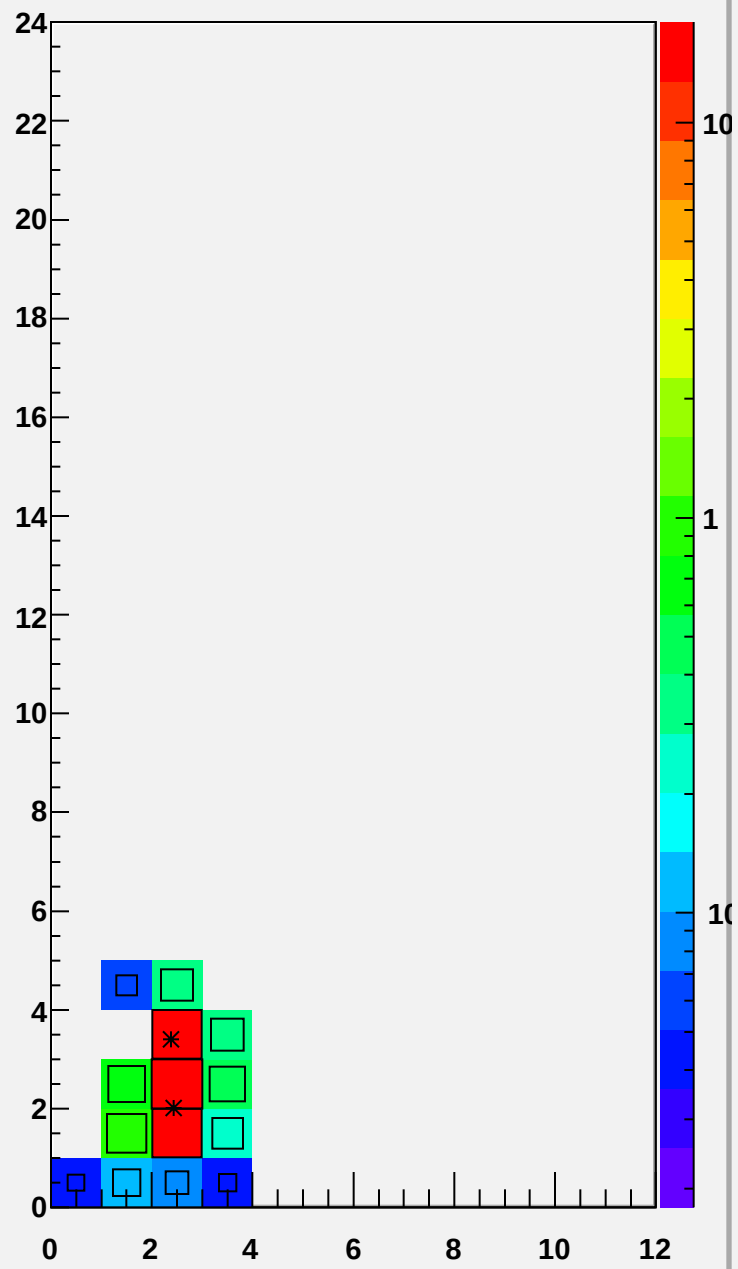
Fitted Energies



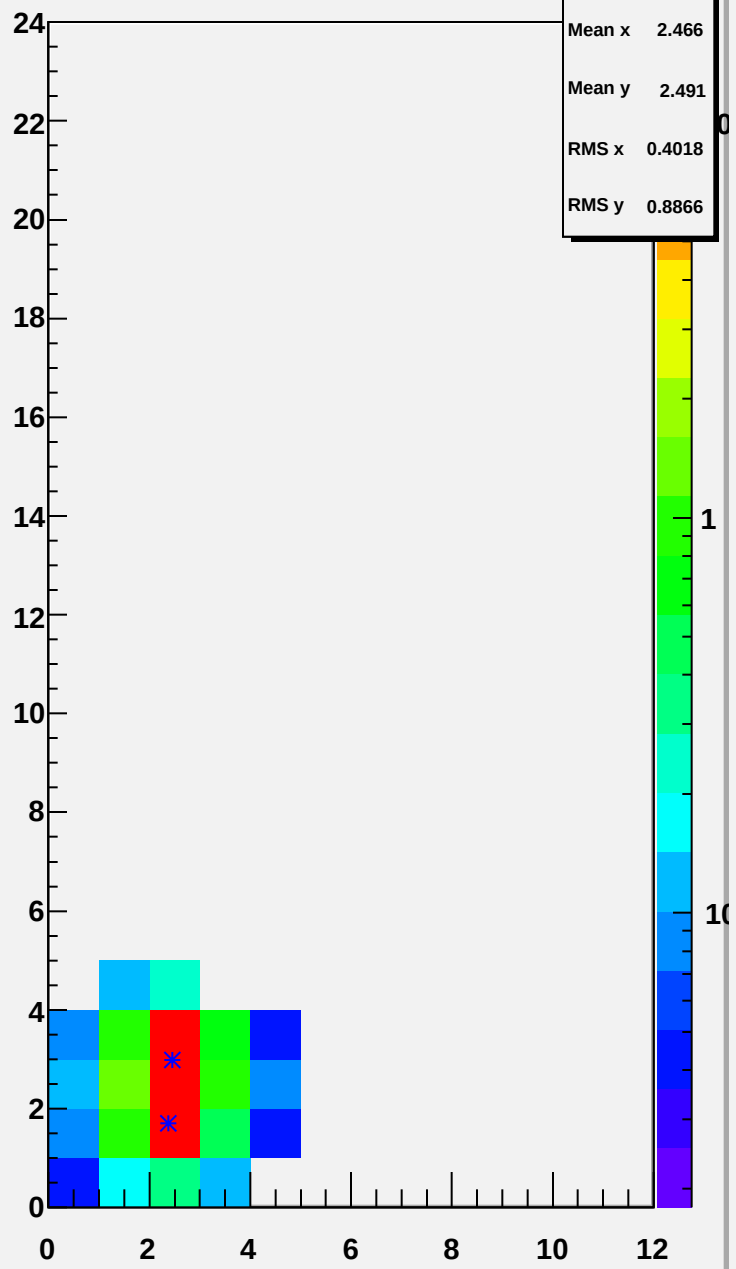
Efit

Entries	288
Mean x	2.48
Mean y	4.065
RMS x	0.3652
RMS y	0.85

NSTB3_r4_c3_En=50.1_m0=0.188 m1=0.175 index=315



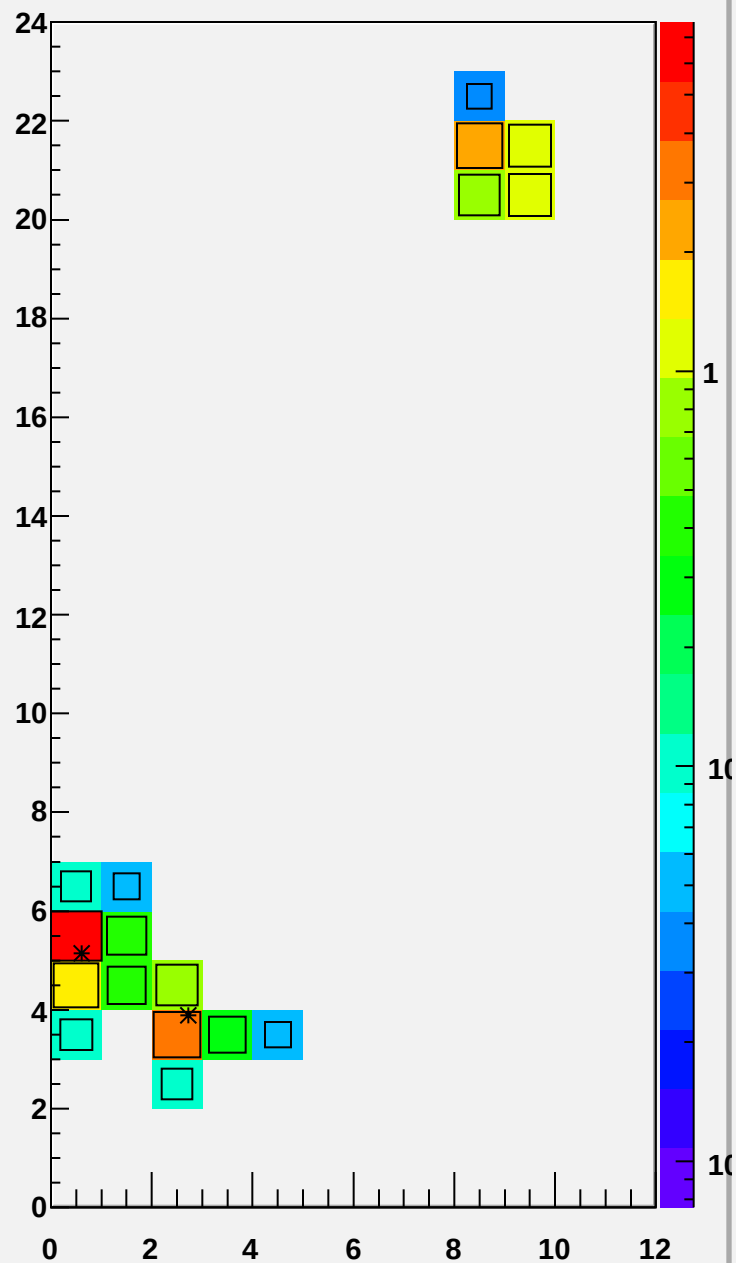
Fitted Energies



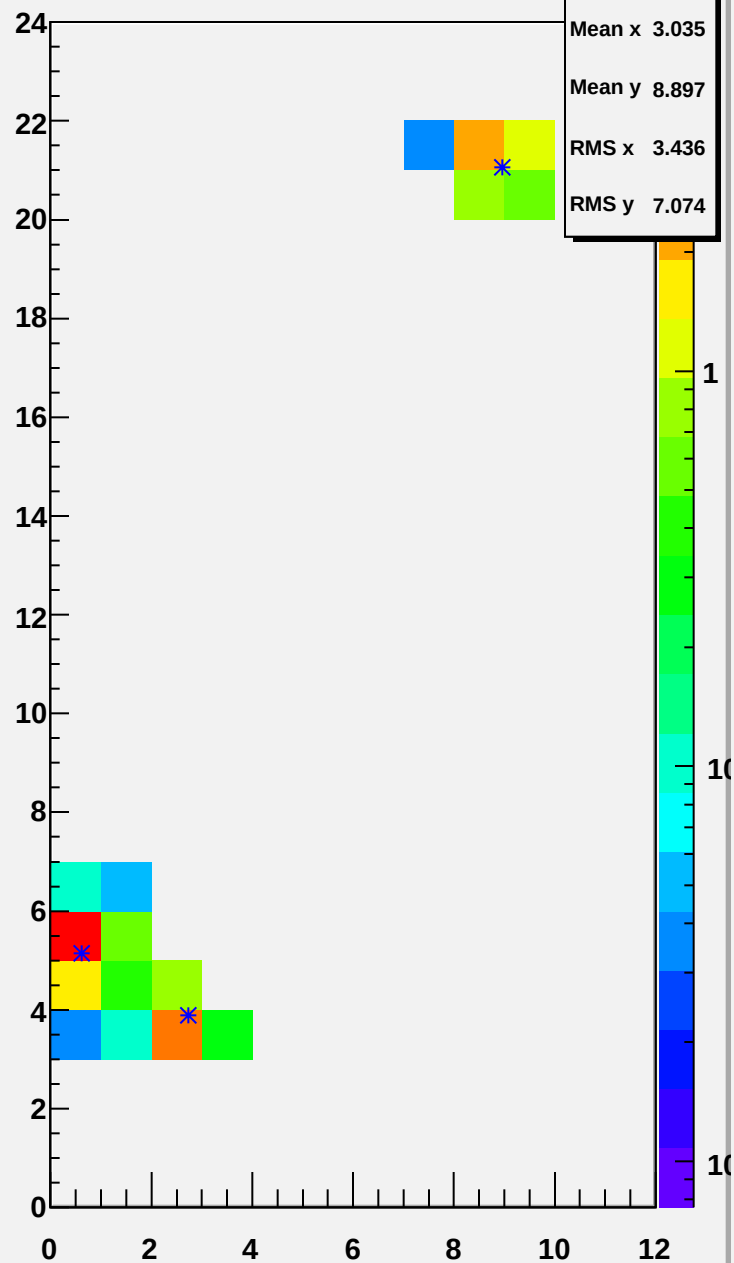
Efit

Entries	288
Mean x	2.466
Mean y	2.491
RMS x	0.4018
RMS y	0.8866

NSTB3_r4_c3_En=19.6_m0=0.093 m1=0.093 index=316



Fitted Energies



Efit

Entries 288

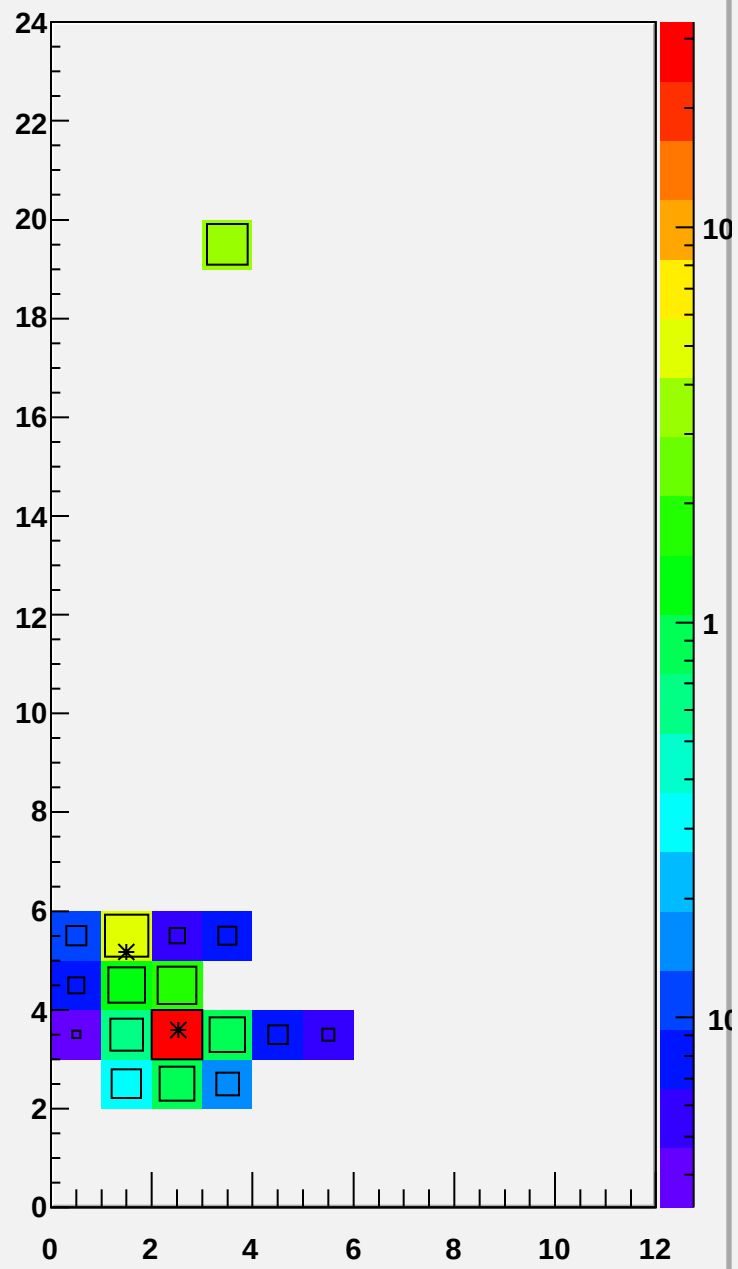
Mean x 3.035

Mean y 8.897

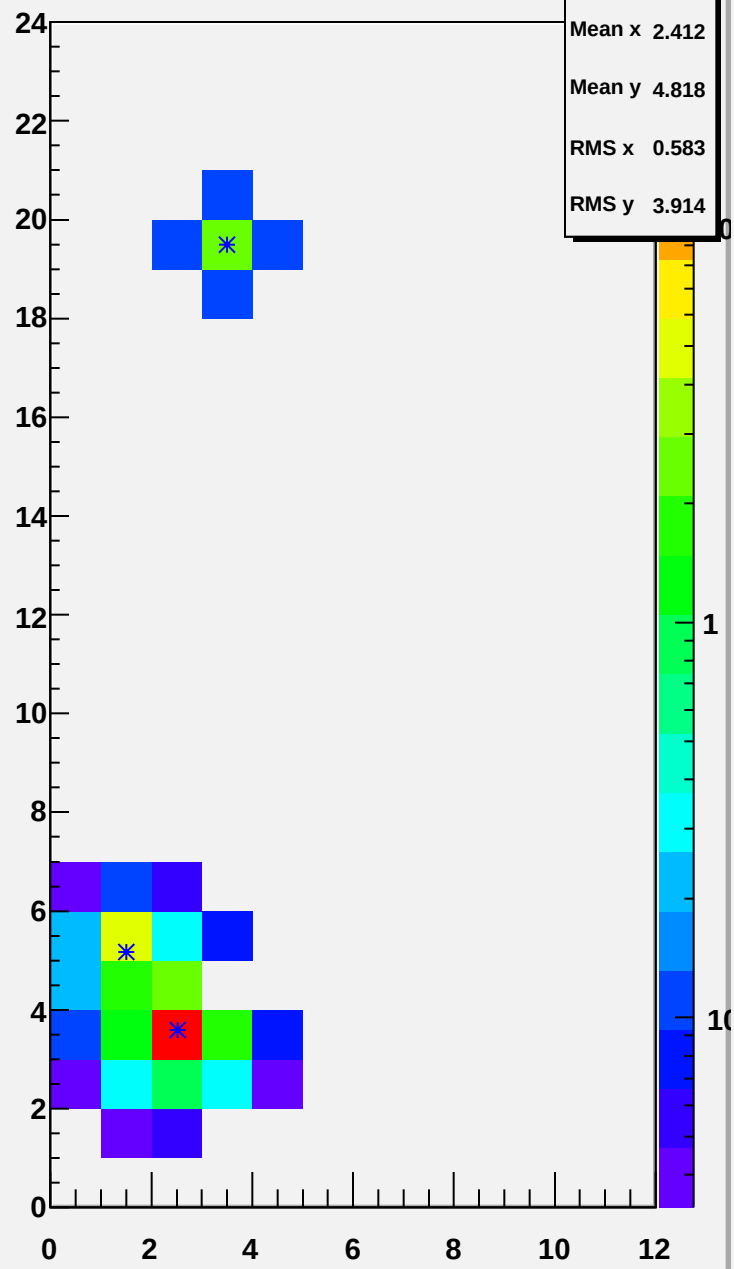
RMS x 3.436

RMS y 7.074

NSTB3_r4_c3_En=47.9_m0=0.180 m1=0.180 index=317



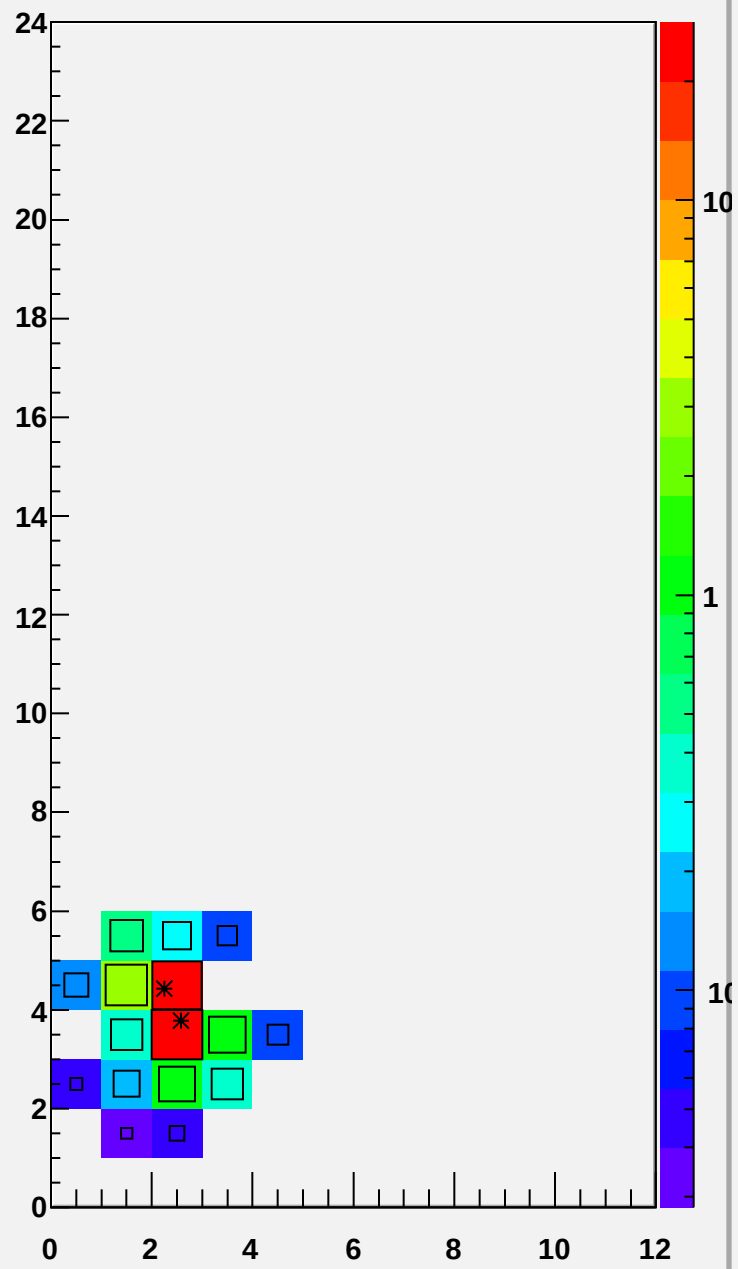
Fitted Energies



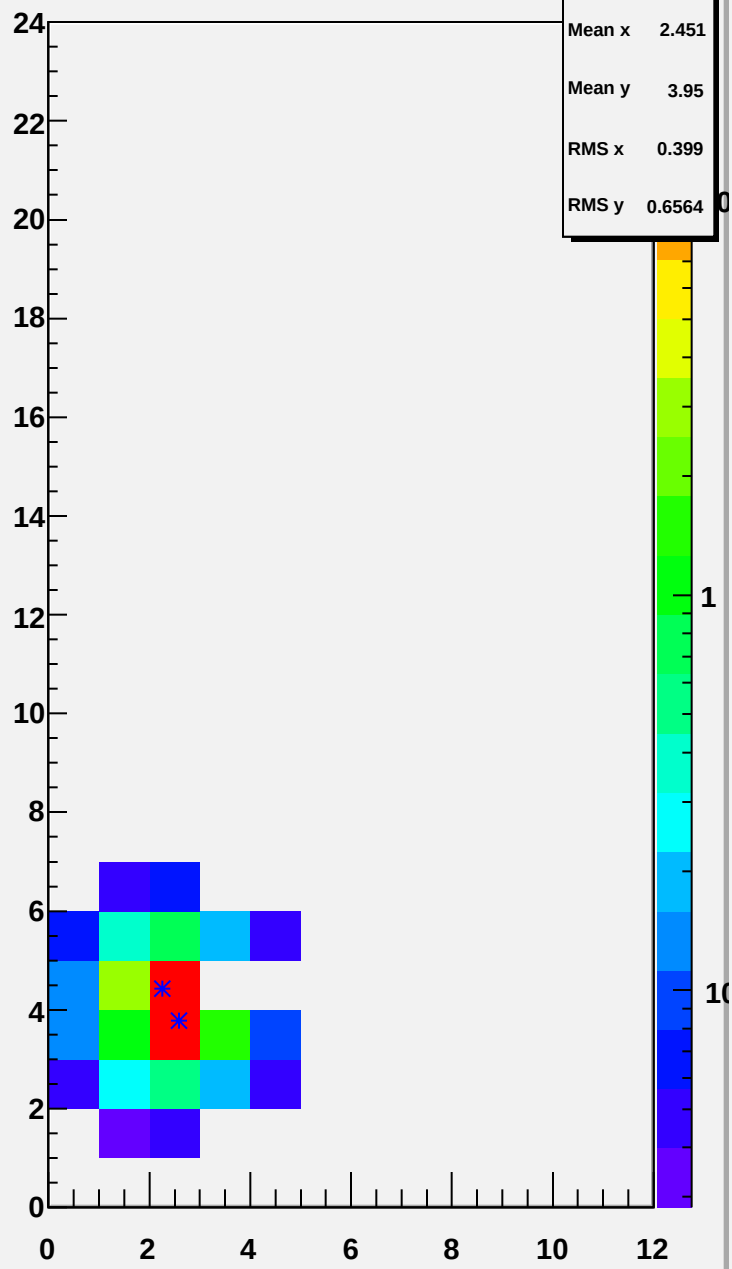
Efit

Entries 288
Mean x 2.412
Mean y 4.818
RMS x 0.583
RMS y 3.914

NSTB3_r4_c3_En=56.1_m0=0.110_m1=0.111_index=318



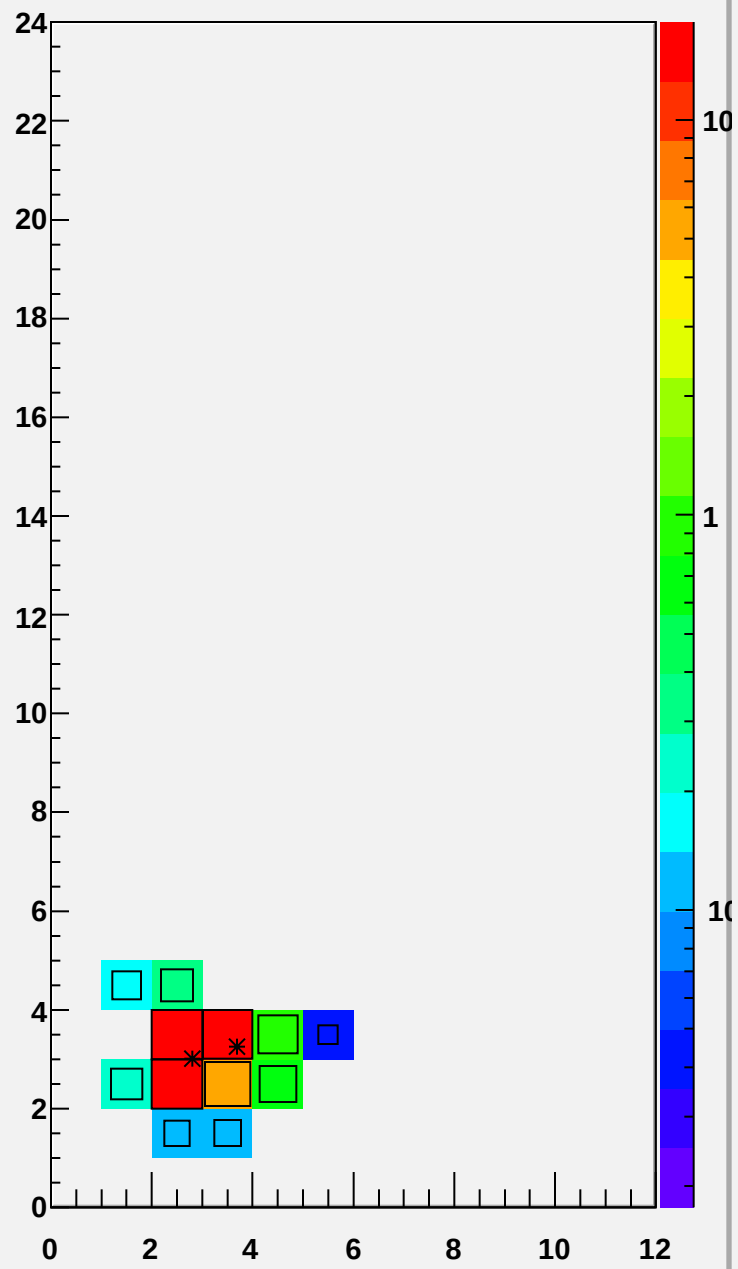
Fitted Energies



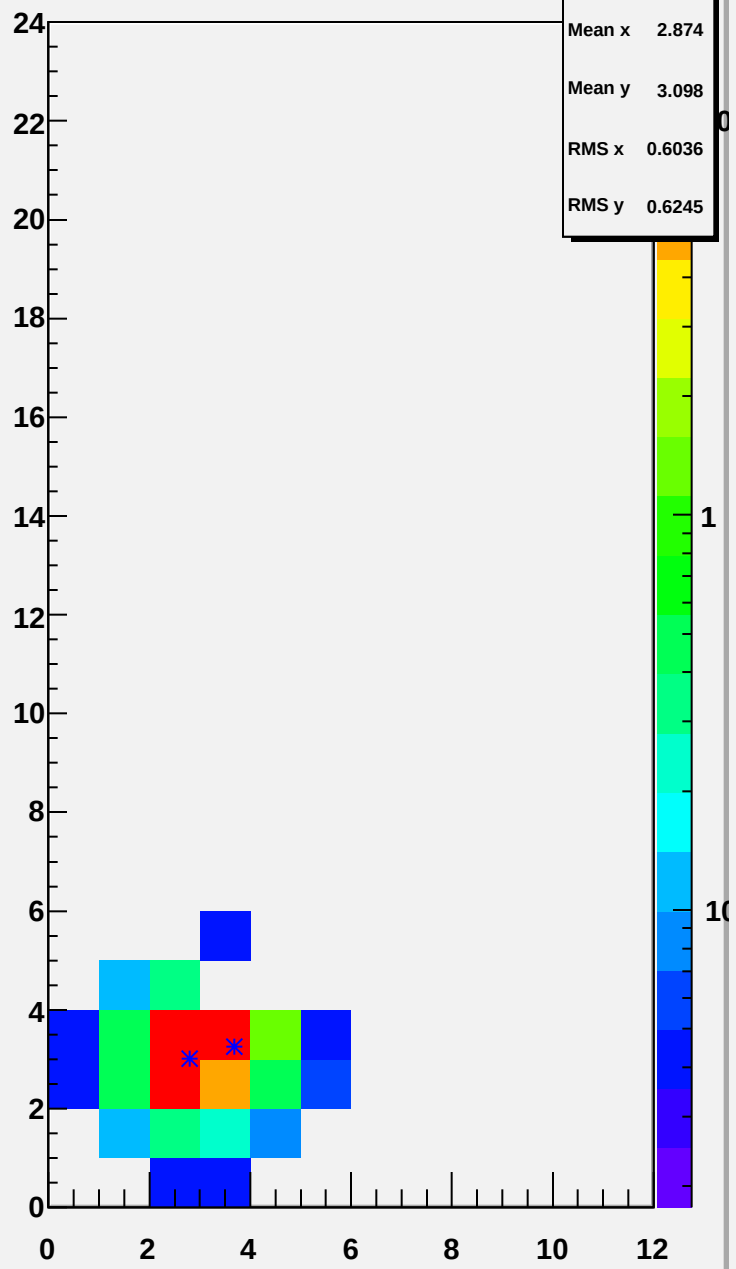
Efit

Entries	288
Mean x	2.451
Mean y	3.95
RMS x	0.399
RMS y	0.6564

NSTB3_r4_c3_En=55.2_m0=0.123_m1=0.123_index=319



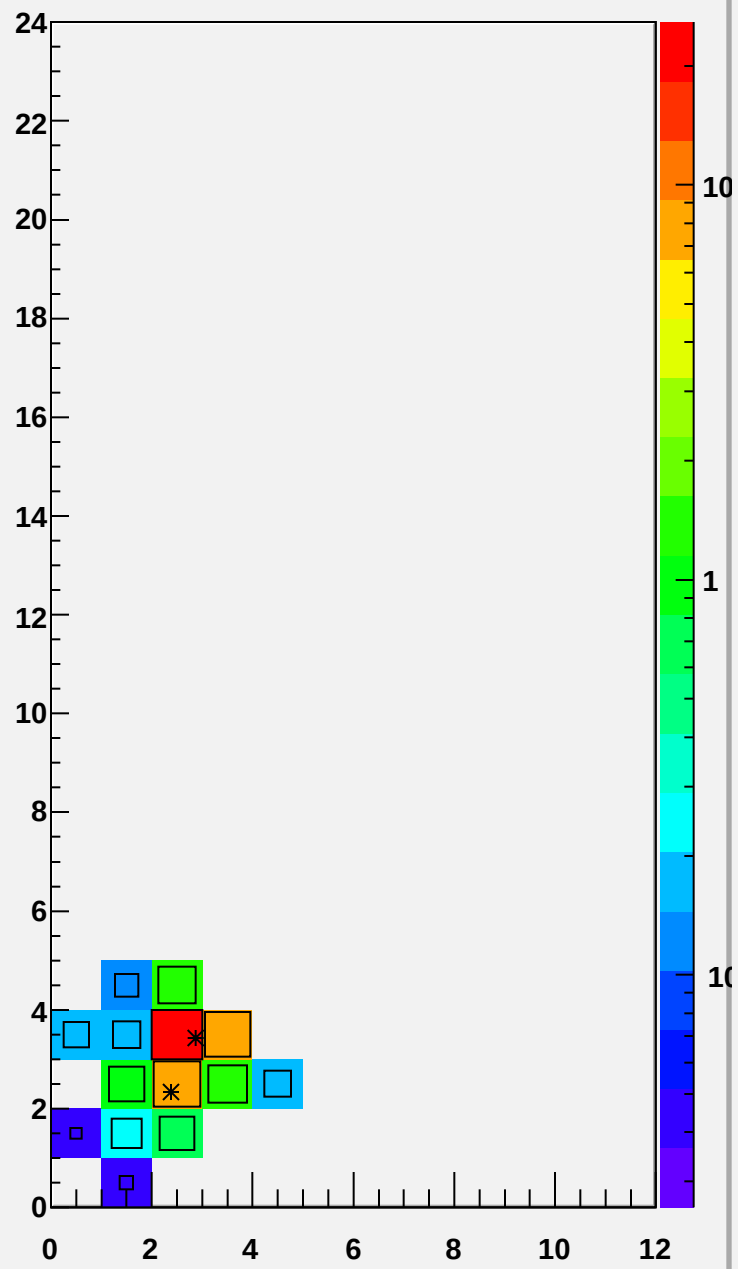
Fitted Energies



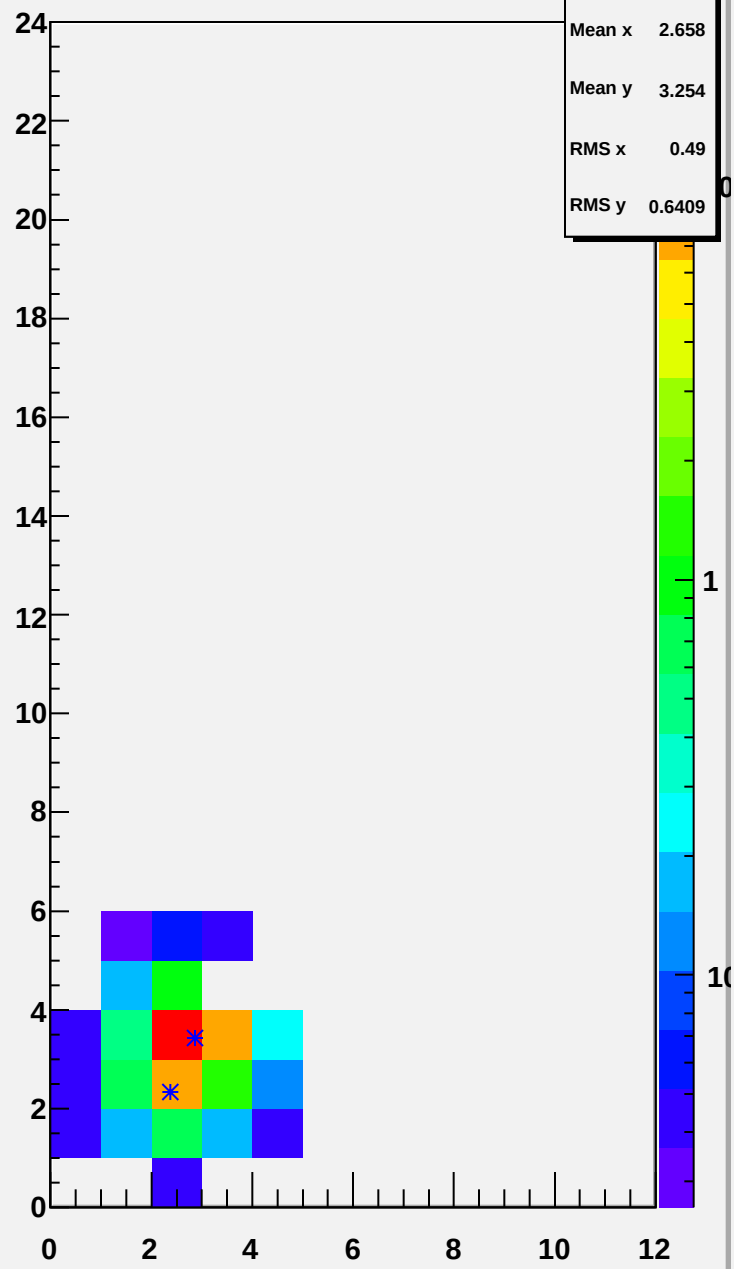
Efit

Entries	288
Mean x	2.874
Mean y	3.098
RMS x	0.6036
RMS y	0.6245

NSTB3_r4_c3_En=46.9_m0=0.124_m1=0.124_index=320



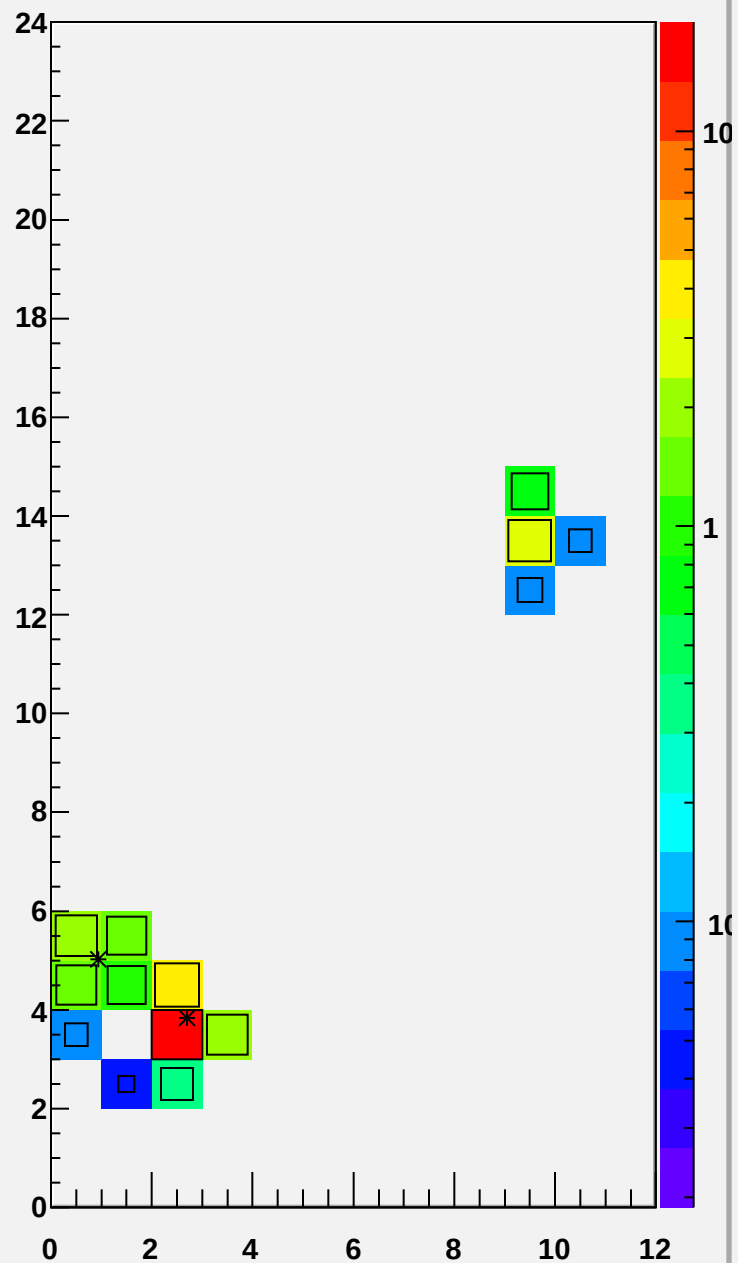
Fitted Energies



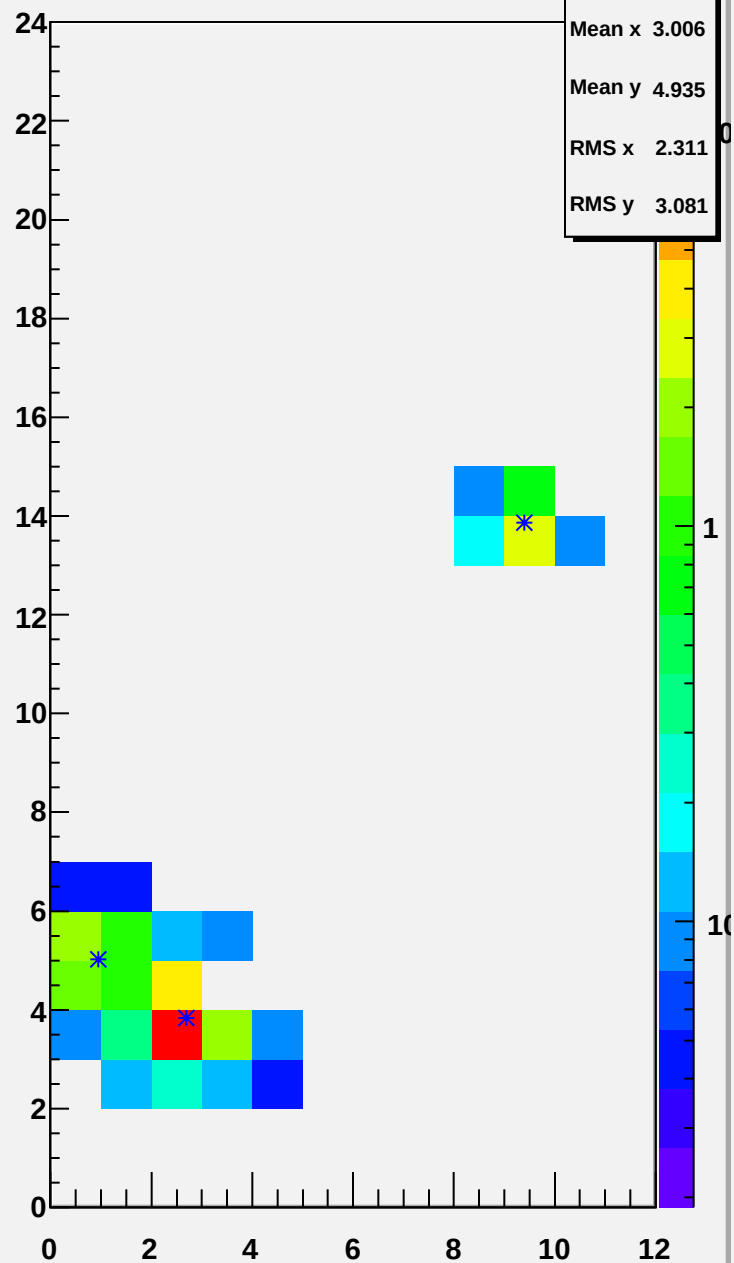
Efit

Entries	288
Mean x	2.658
Mean y	3.254
RMS x	0.49
RMS y	0.6409

NSTB3_r4_c3_En=34.7_m0=0.134_m1=0.146_index=321



Fitted Energies



Efit

Entries 288

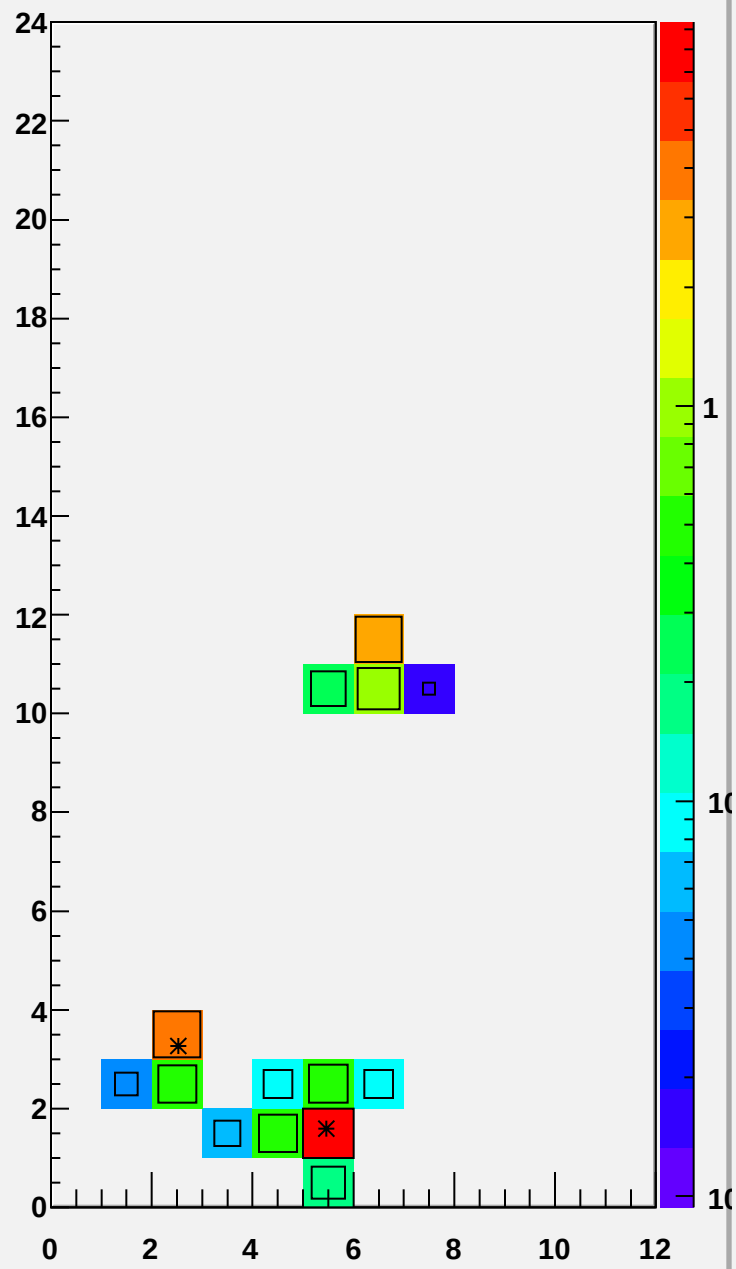
Mean x 3.006

Mean y 4.935

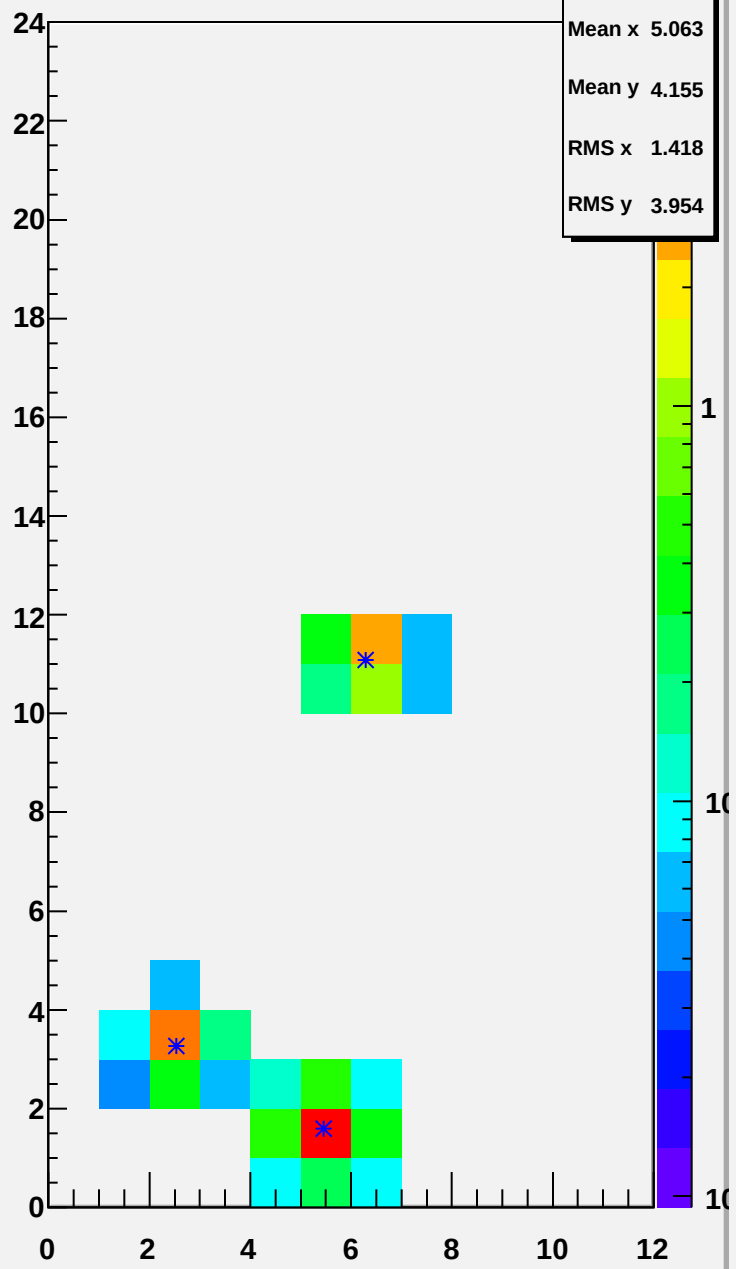
RMS x 2.311

RMS y 3.081

NSTB3_r4_c3_En=19.3_m0=0.132_m1=0.132_index=323



Fitted Energies



Efit

Entries 288

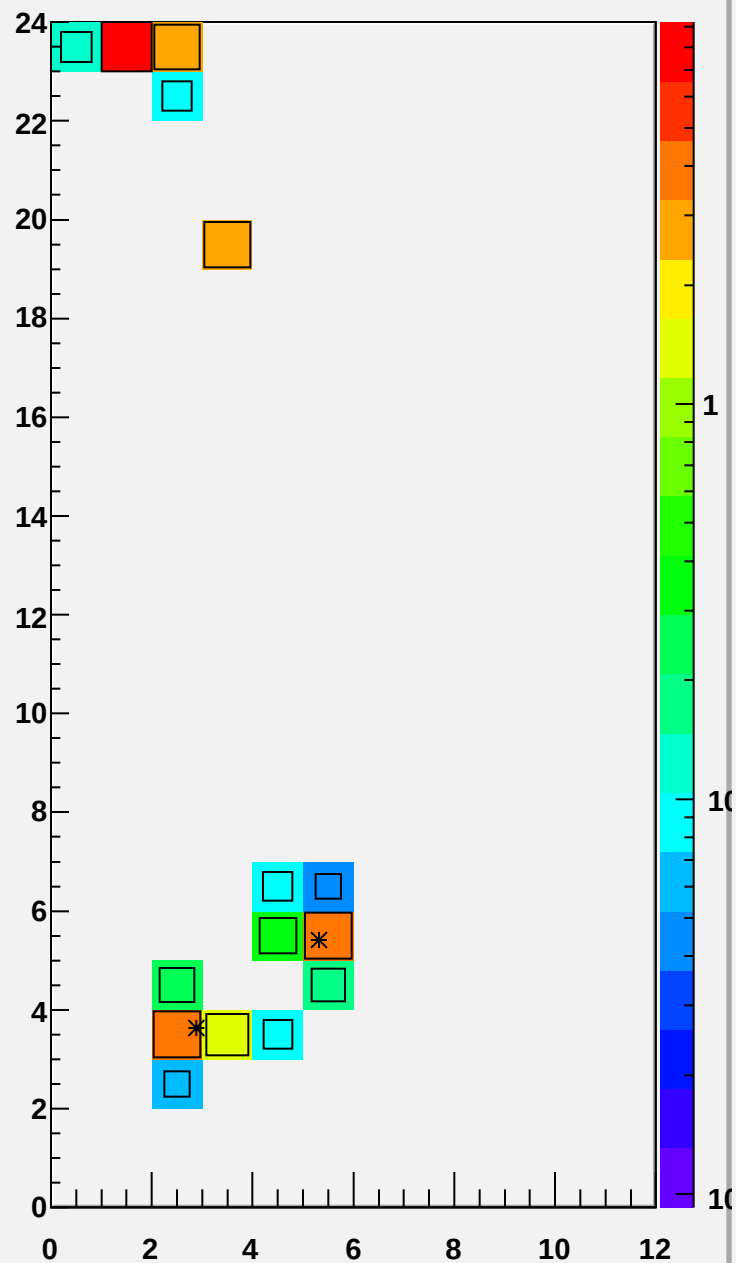
Mean x 5.063

Mean y 4.155

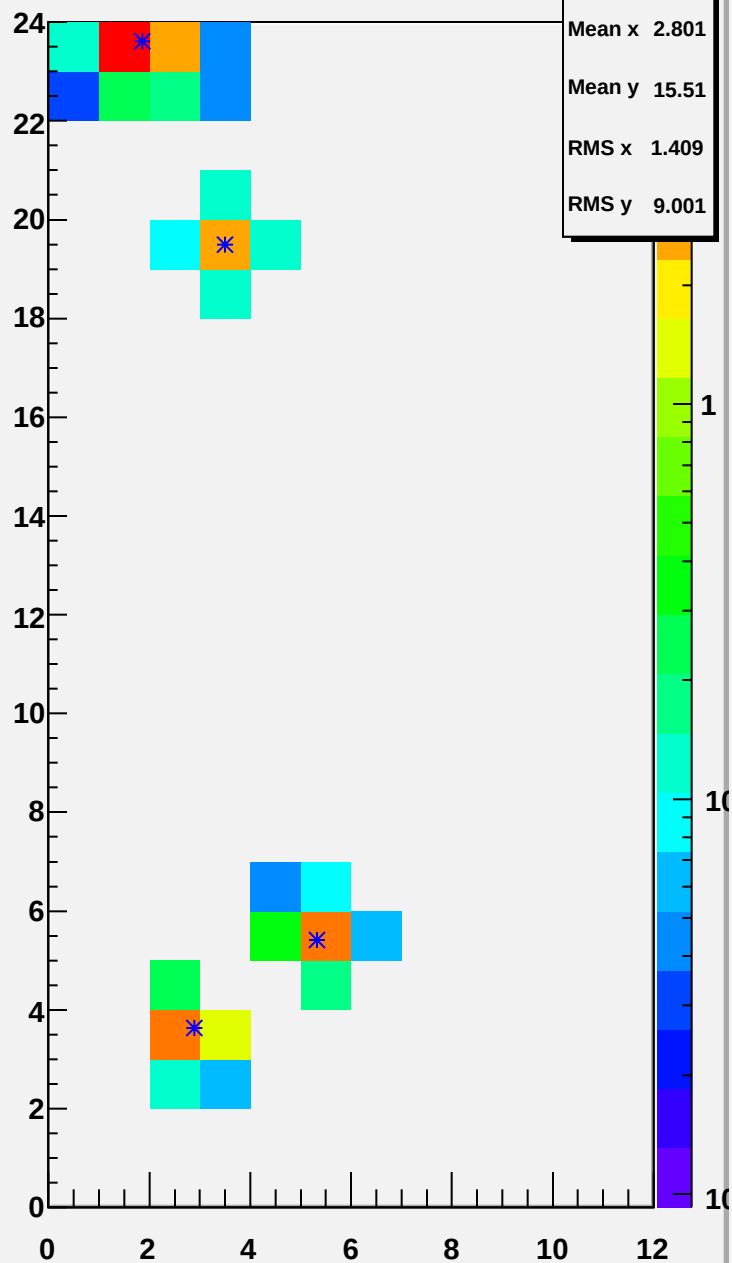
RMS x 1.418

RMS y 3.954

NSTB3_r4_c3_En=25.0_m0=0.086_m1=0.086_index=324



Fitted Energies



Efit

Entries 288

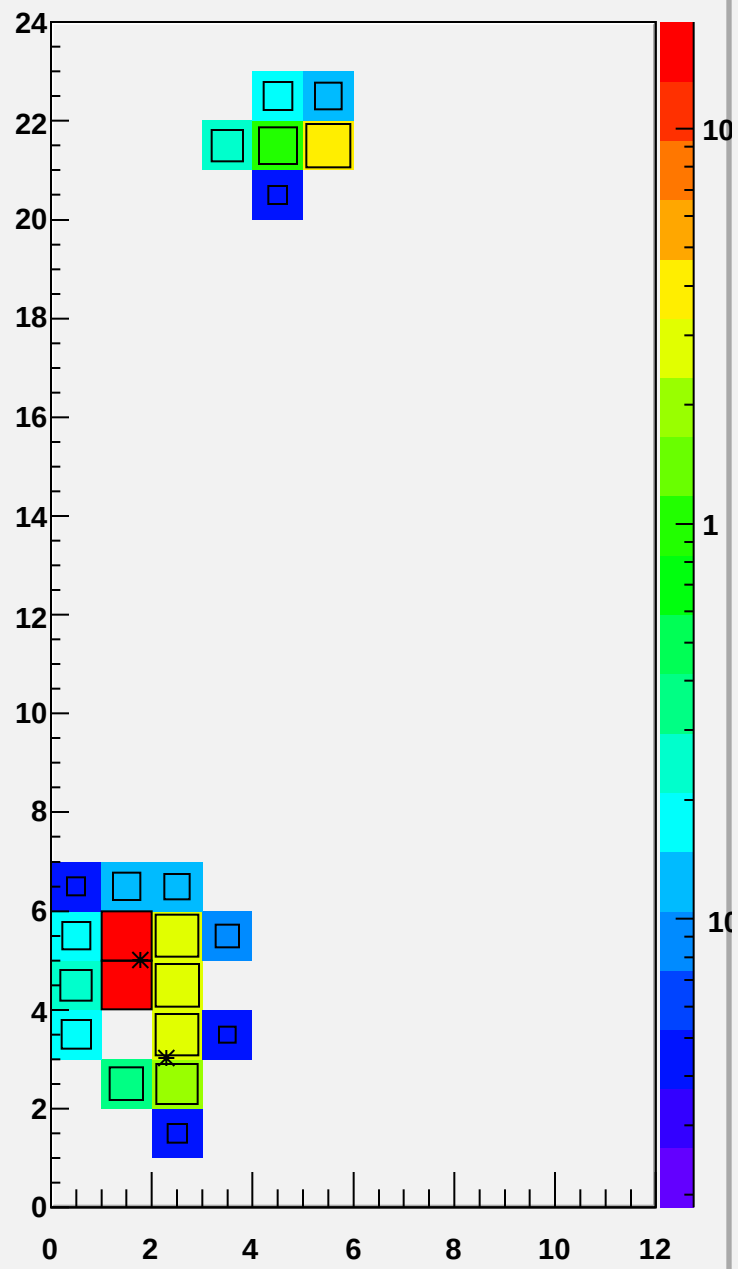
Mean x 2.801

Mean y 15.51

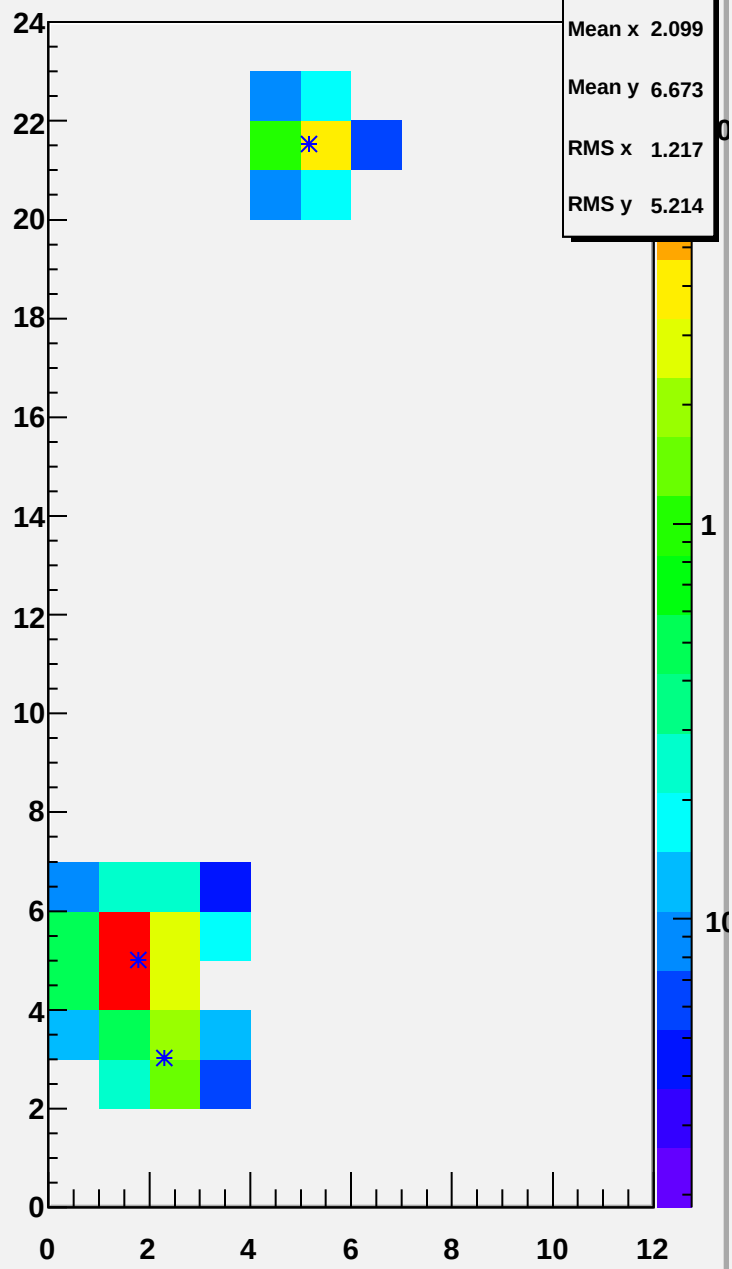
RMS x 1.409

RMS y 9.001

NSTB3_r4_c3_En=50.7_m0=0.153 m1=0.153 index=325



Fitted Energies



Efit

Entries 288

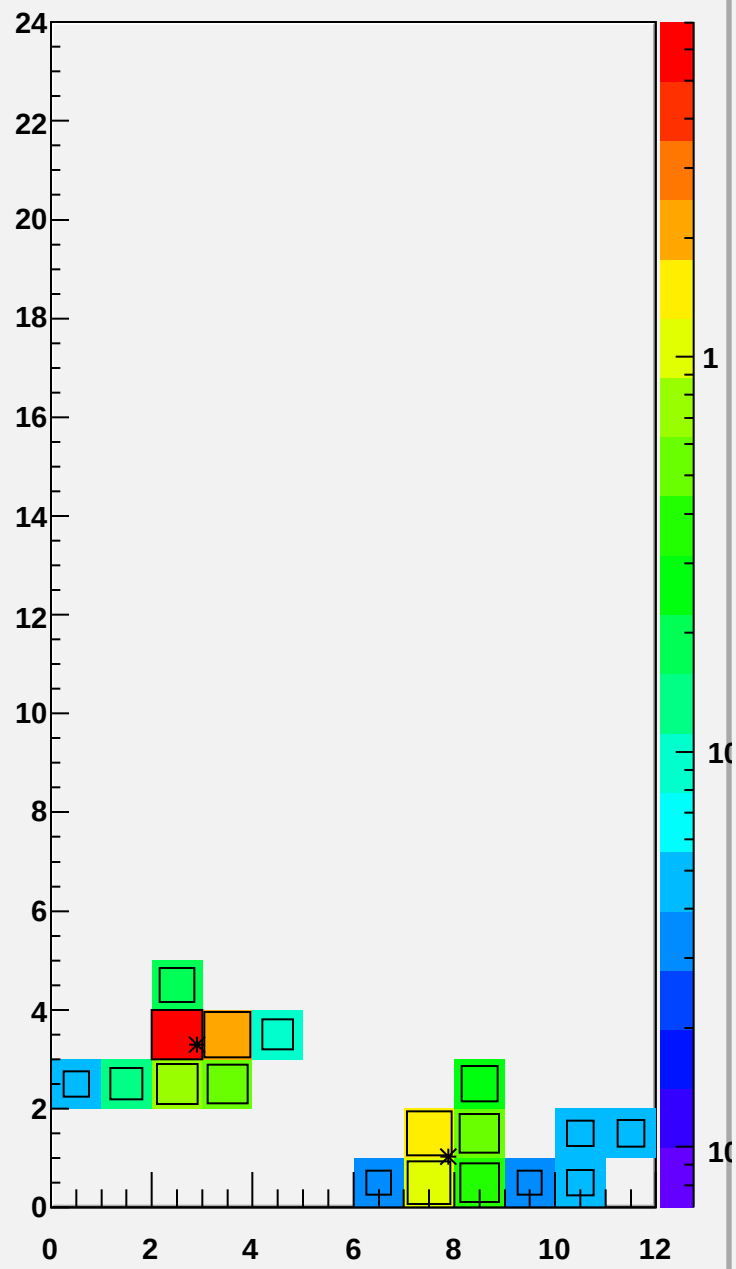
Mean x 2.099

Mean y 6.673

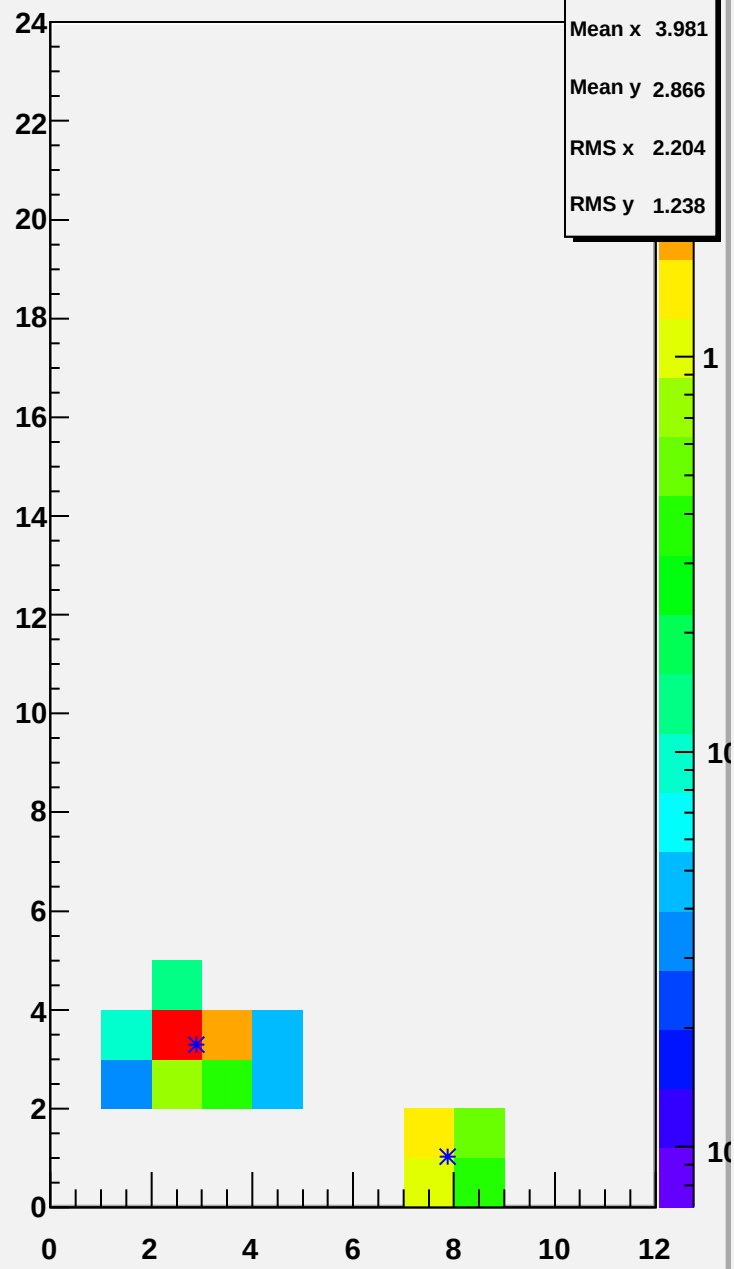
RMS x 1.217

RMS y 5.214

NSTB3_r4_c3_En=14.9_m0=0.195_m1=0.195_index=327



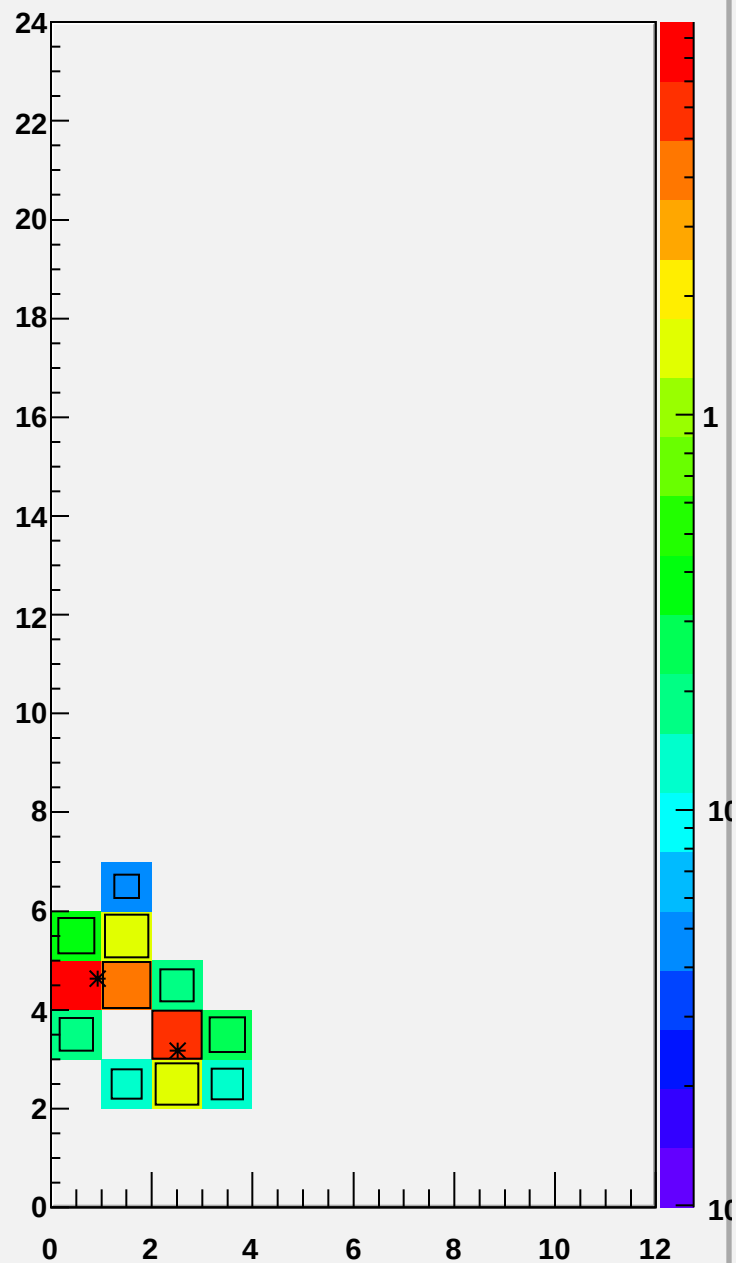
Fitted Energies



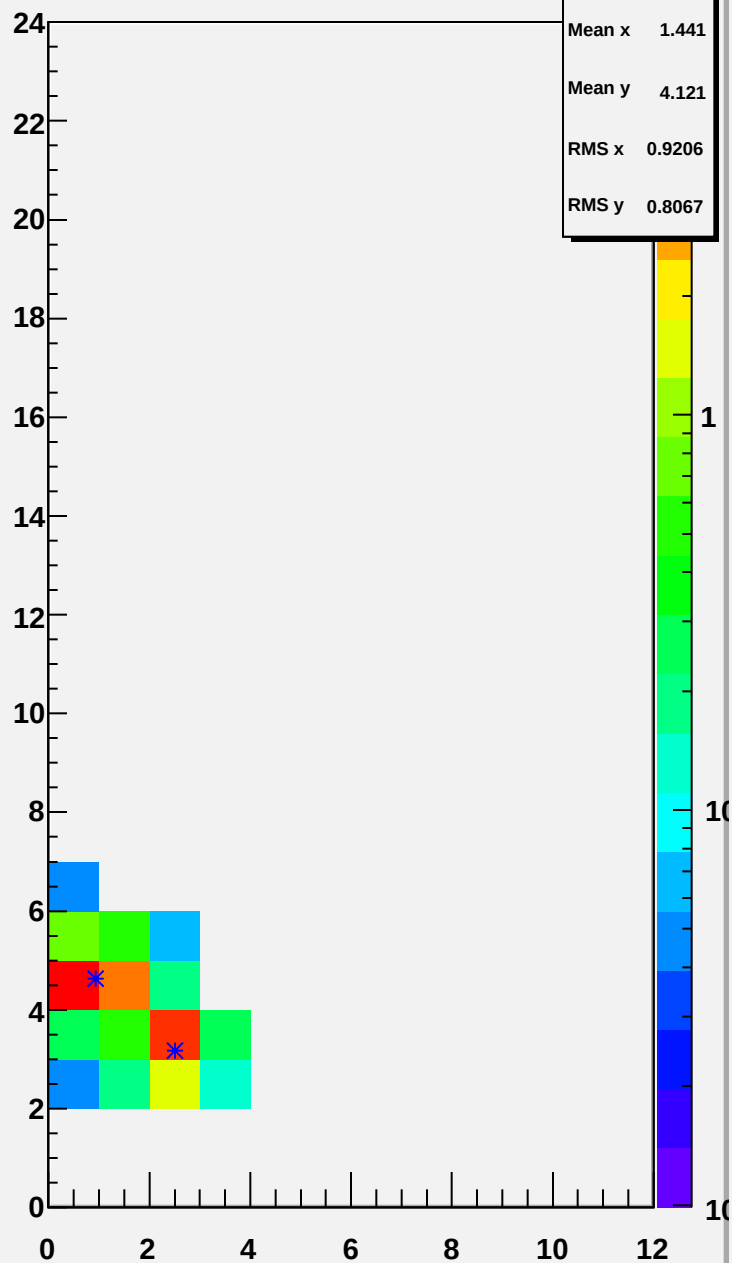
Efit

Entries 288
Mean x 3.981
Mean y 2.866
RMS x 2.204
RMS y 1.238

NSTB3_r4_c3_En=25.2_m0=0.145 m1=0.145 index=328



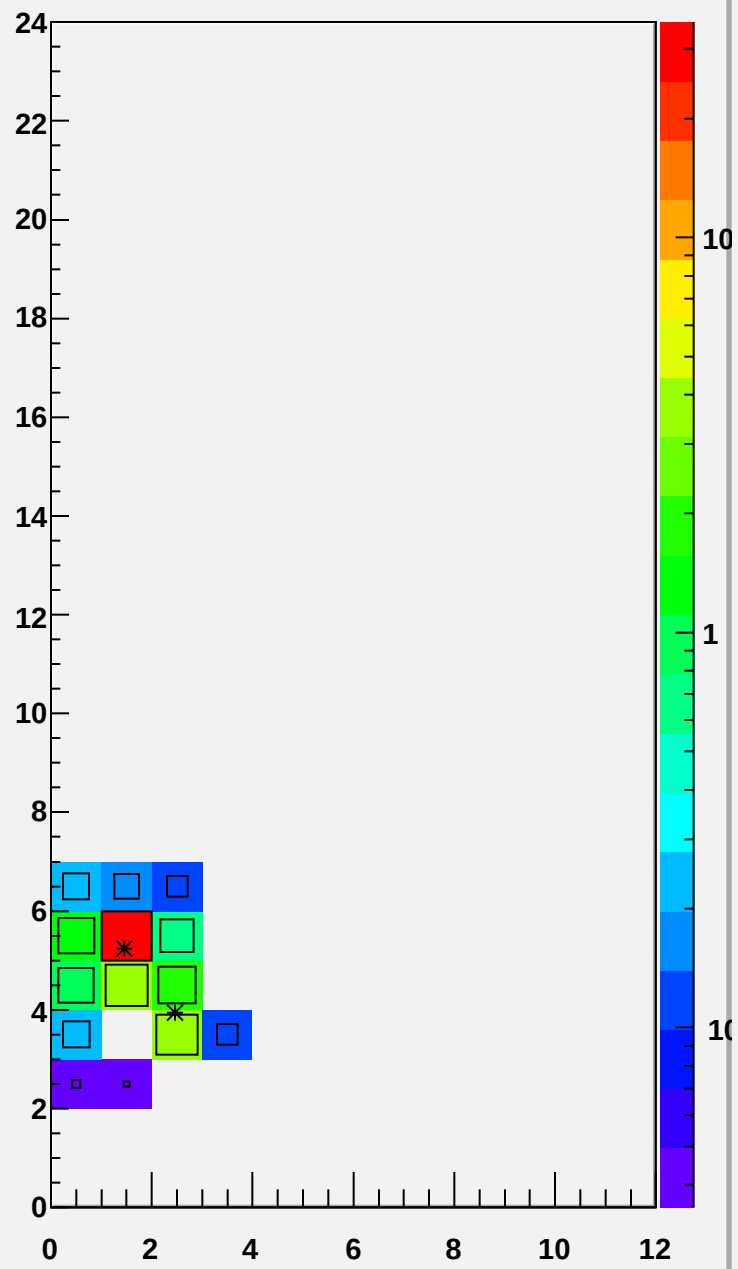
Fitted Energies



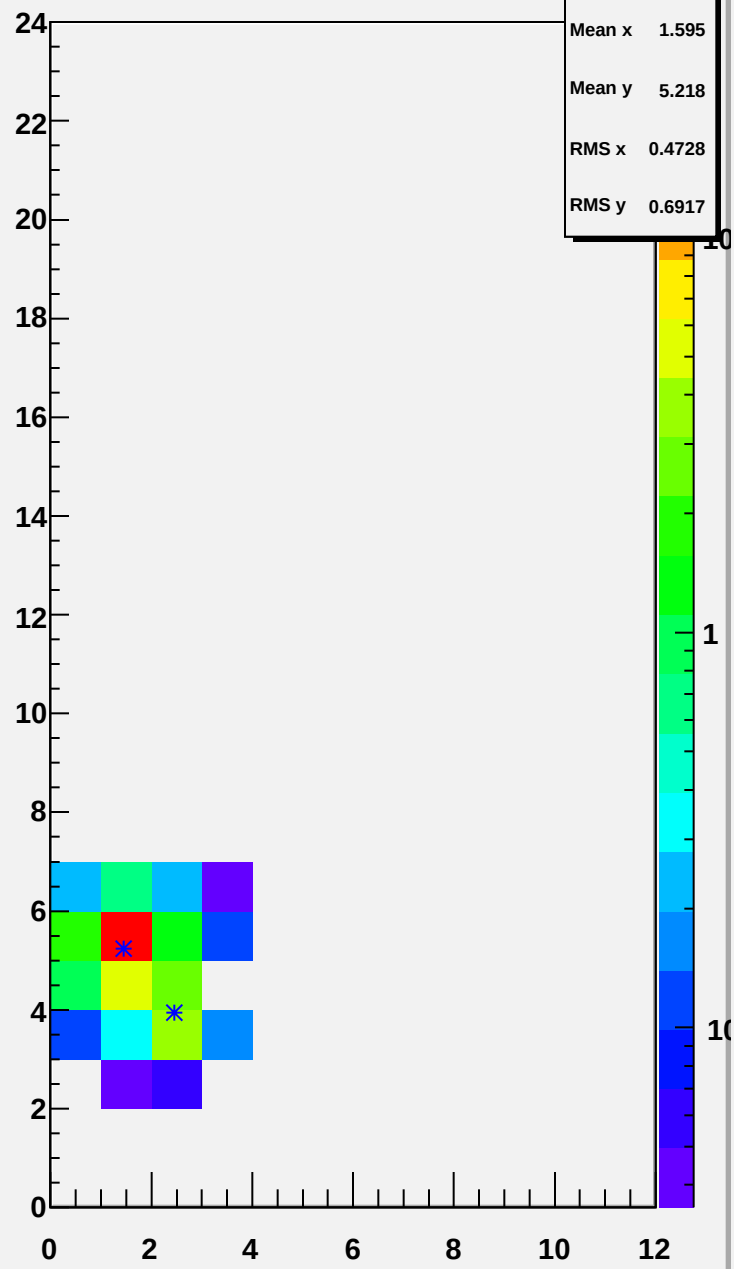
Efit

Entries	288
Mean x	1.441
Mean y	4.121
RMS x	0.9206
RMS y	0.8067

NSTB3_r4_c3_En=48.2_m0=0.143 m1=0.143 index=329



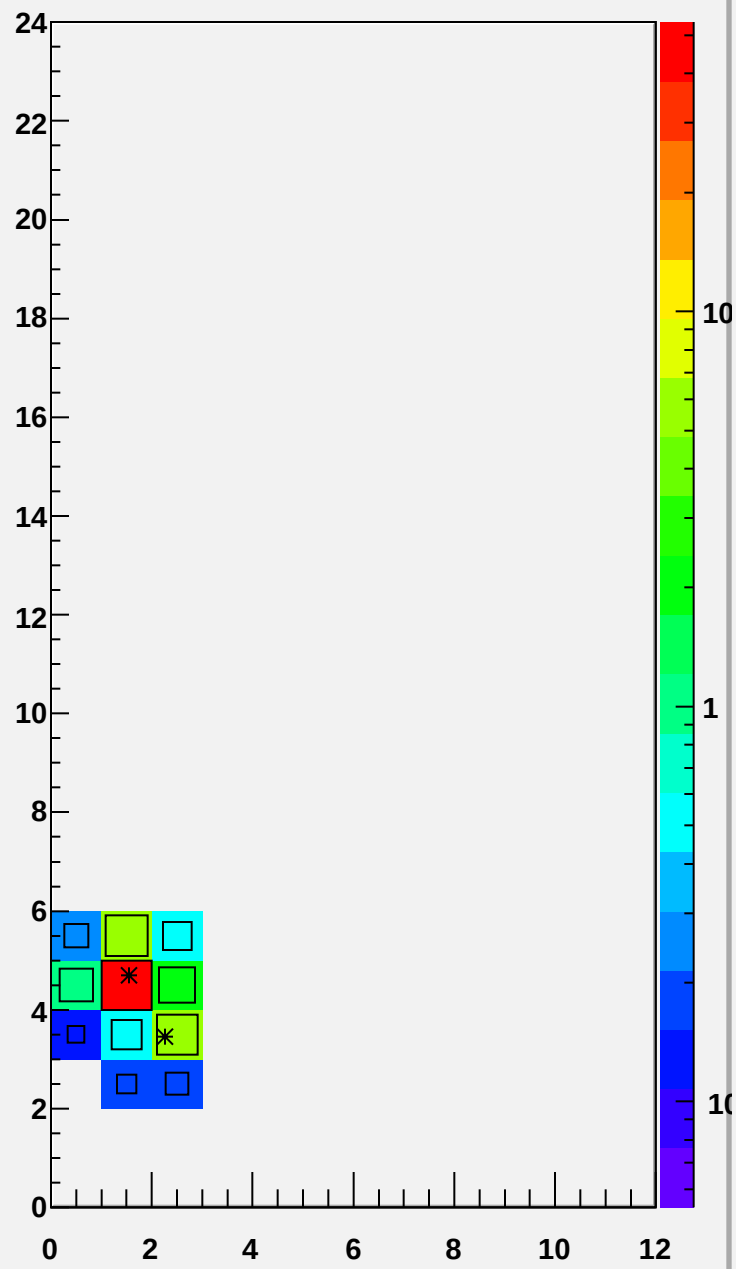
Fitted Energies



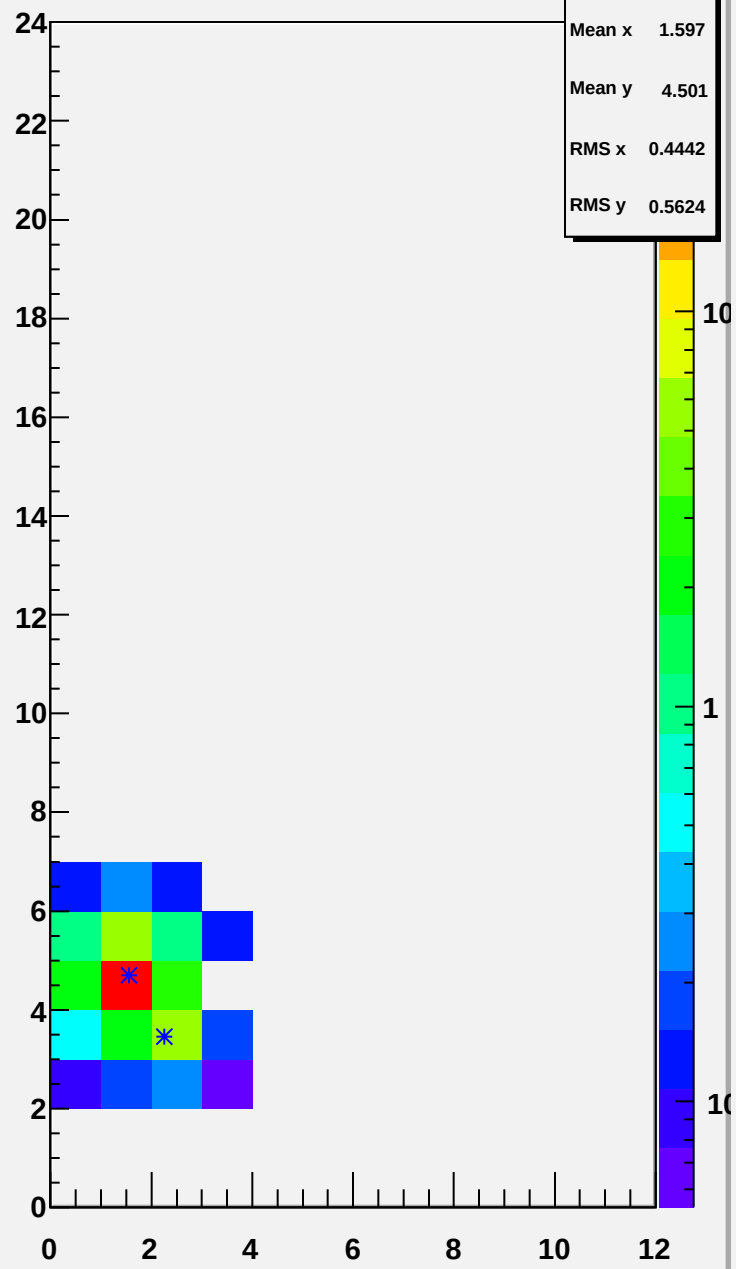
Efit

Entries	288
Mean x	1.595
Mean y	5.218
RMS x	0.4728
RMS y	0.6917

NSTB3_r4_c3_En=70.2_m0=0.160 m1=0.161 index=330



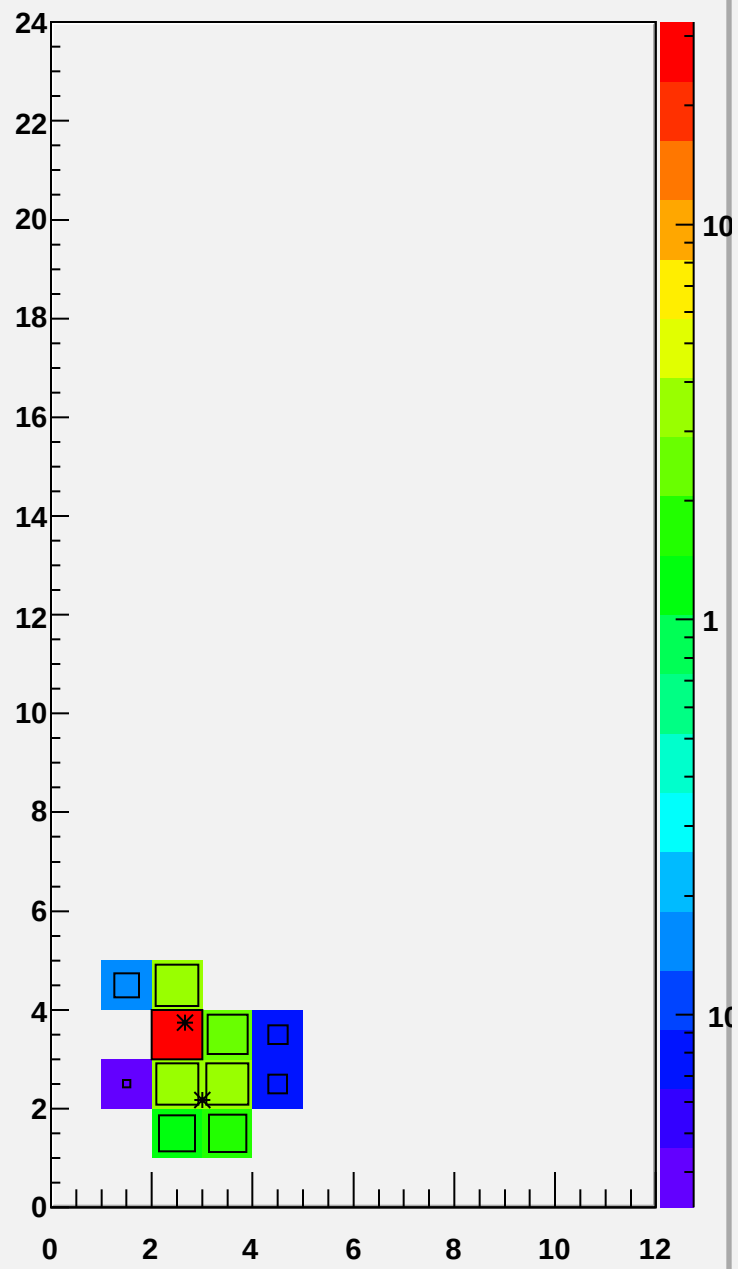
Fitted Energies



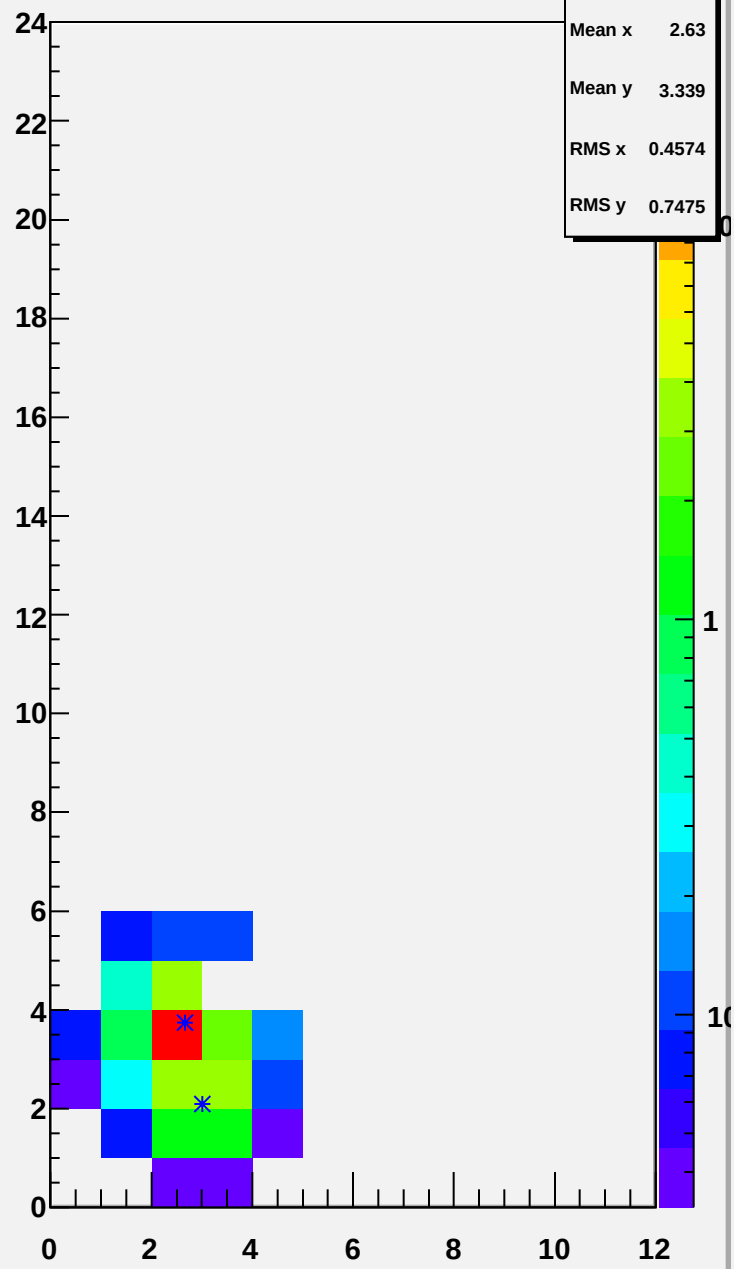
Efit

Entries	288
Mean x	1.597
Mean y	4.501
RMS x	0.4442
RMS y	0.5624

NSTB3_r4_c3_En=50.0_m0=0.176 m1=0.191 index=331



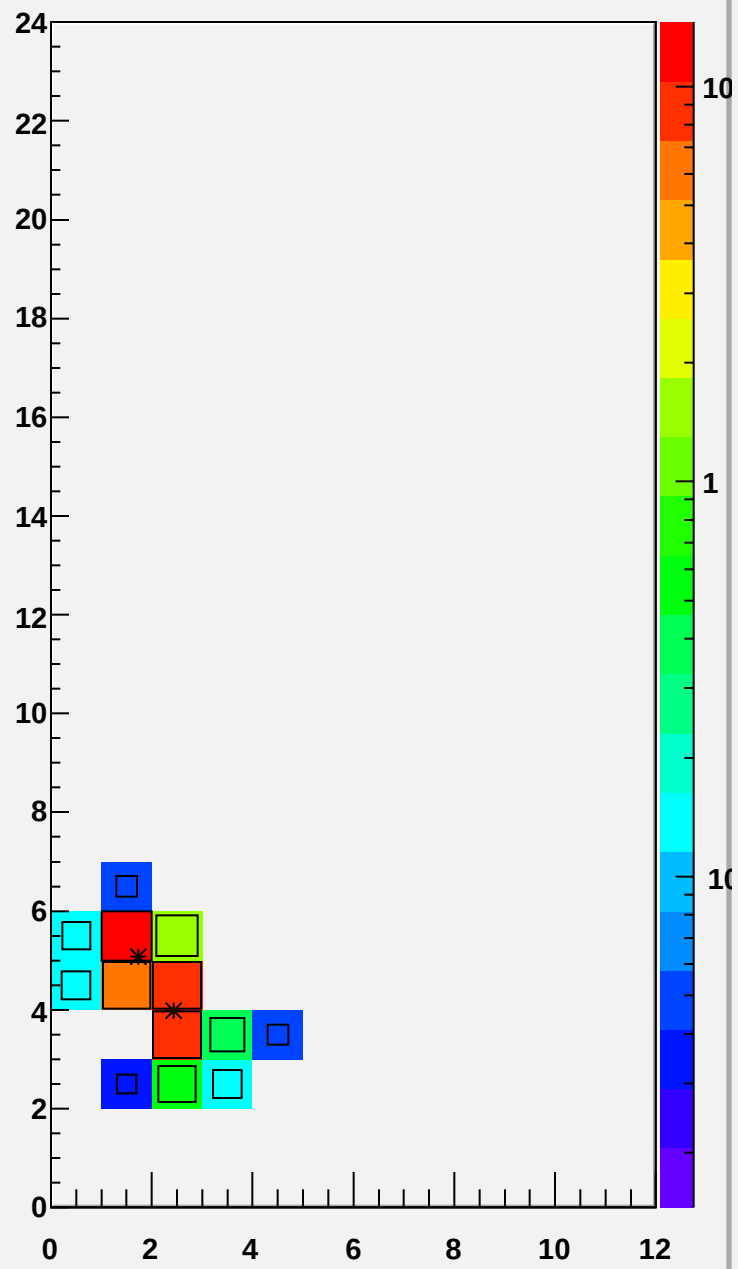
Fitted Energies



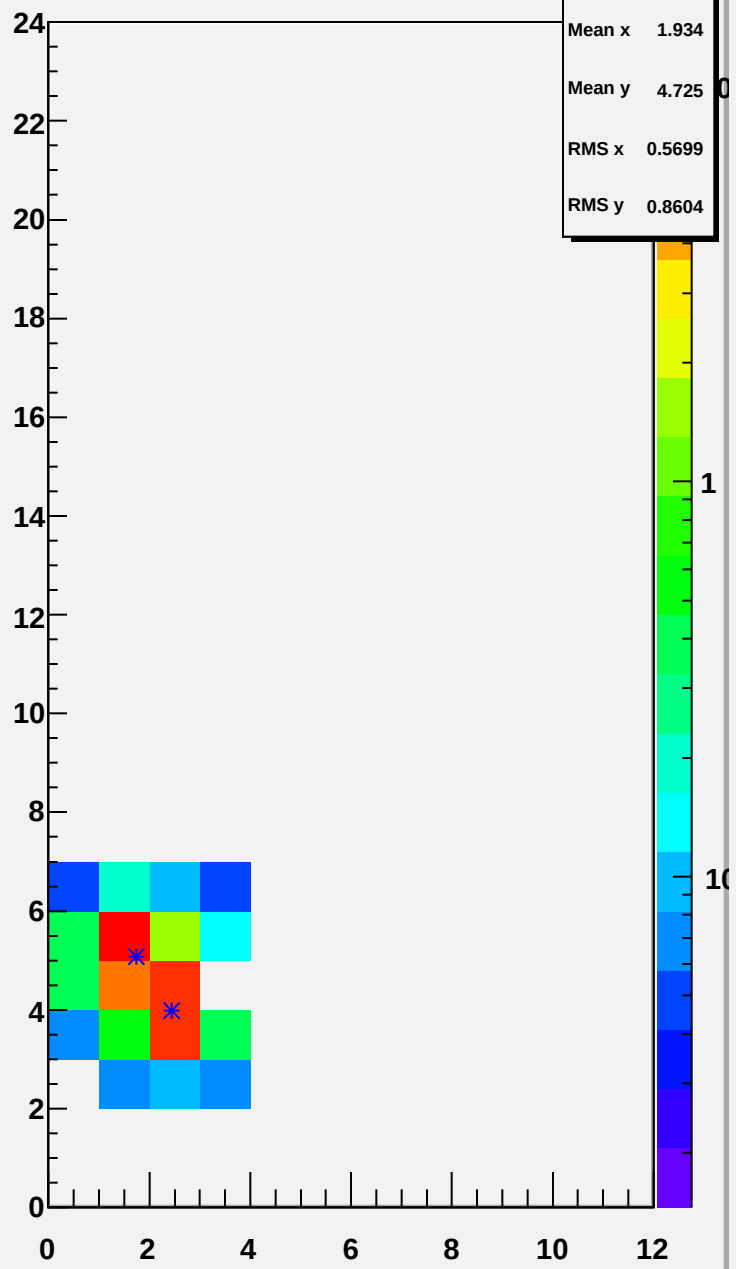
Efit

Entries	288
Mean x	2.63
Mean y	3.339
RMS x	0.4574
RMS y	0.7475

NSTB3_r4_c3_En=38.9_m0=0.141 m1=0.141 index=332



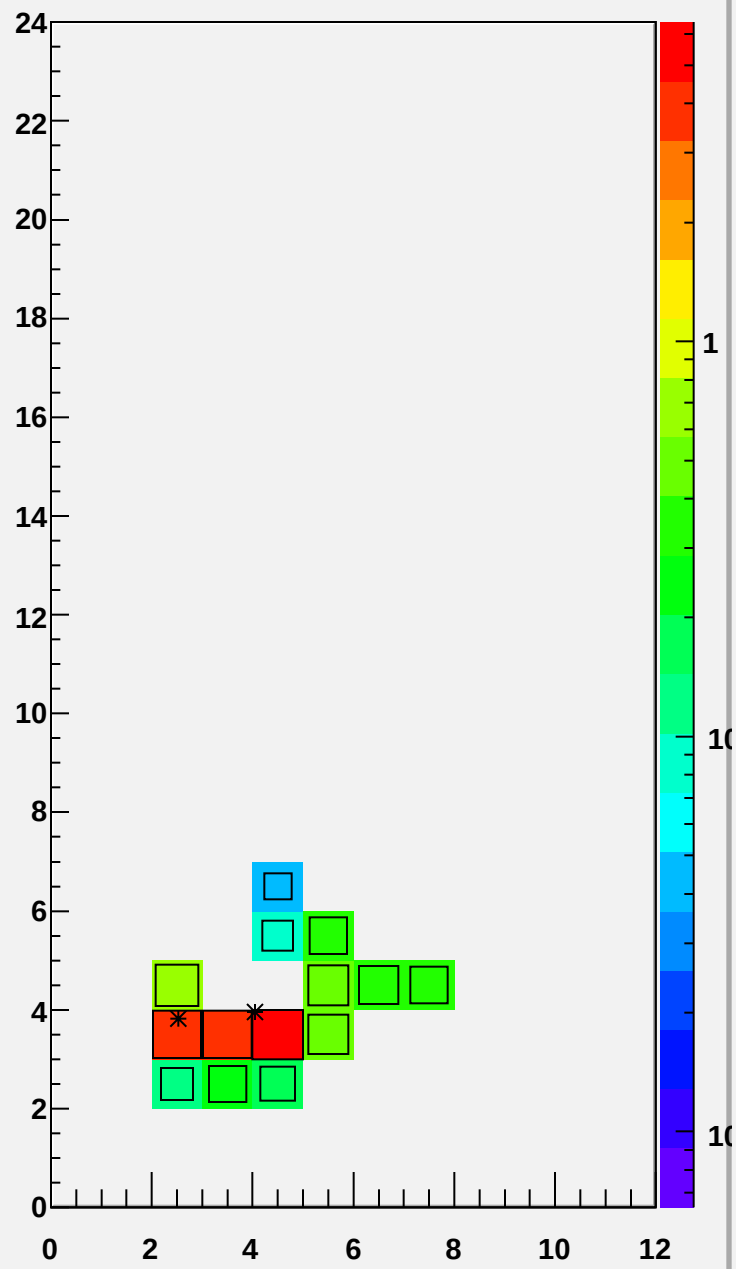
Fitted Energies



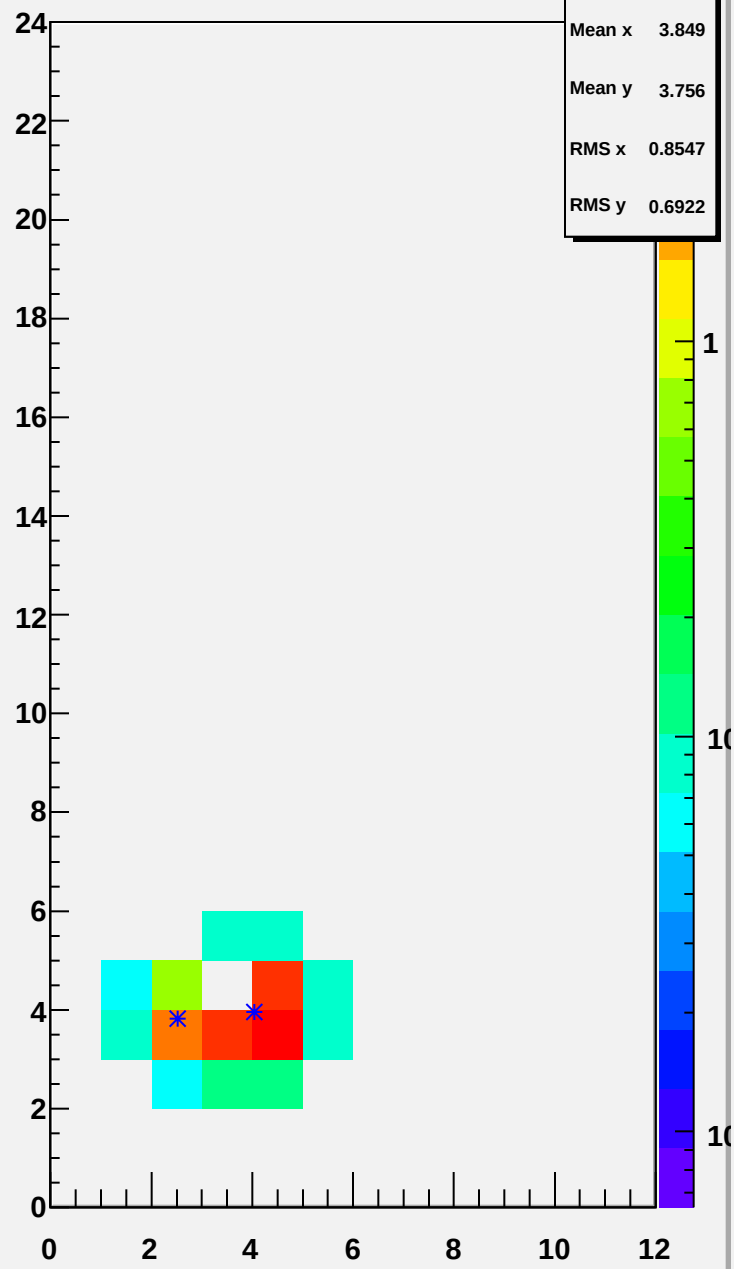
Efit

Entries	288
Mean x	1.934
Mean y	4.725
RMS x	0.5699
RMS y	0.8604

NSTB3_r4_c3_En=17.3_m0=0.070 m1=0.070 index=335



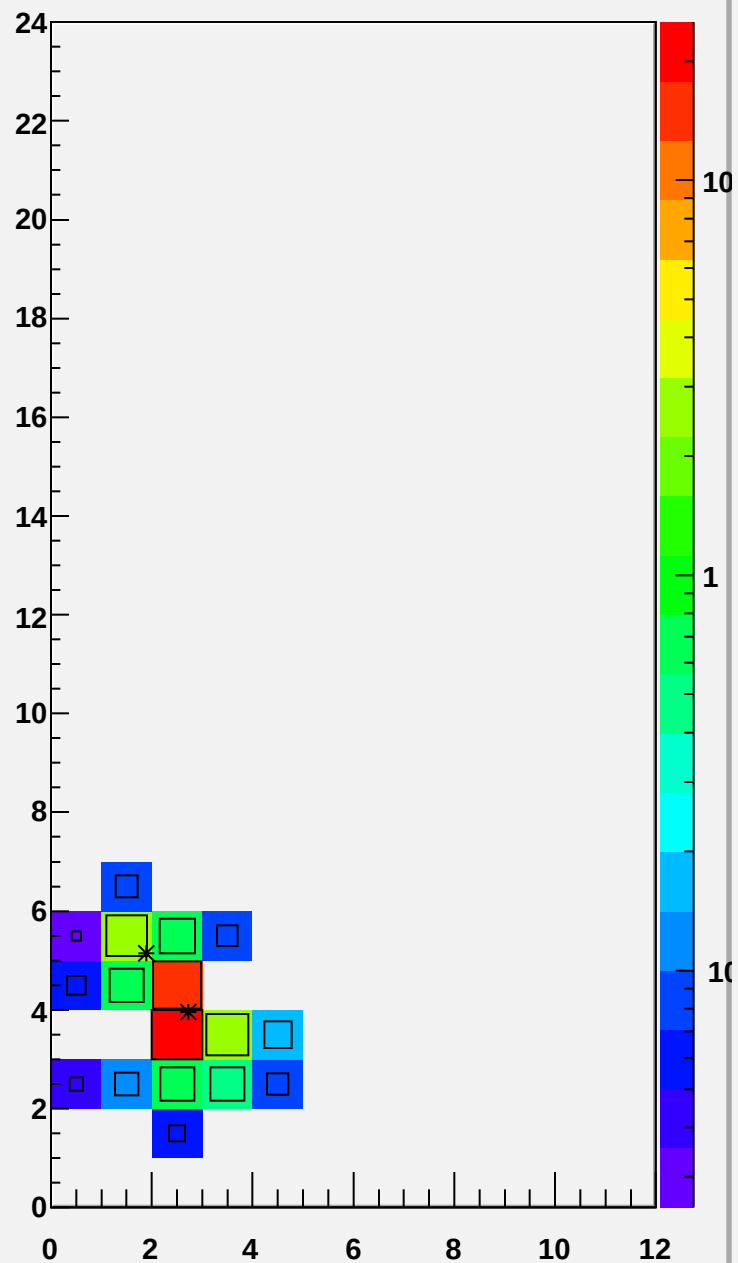
Fitted Energies



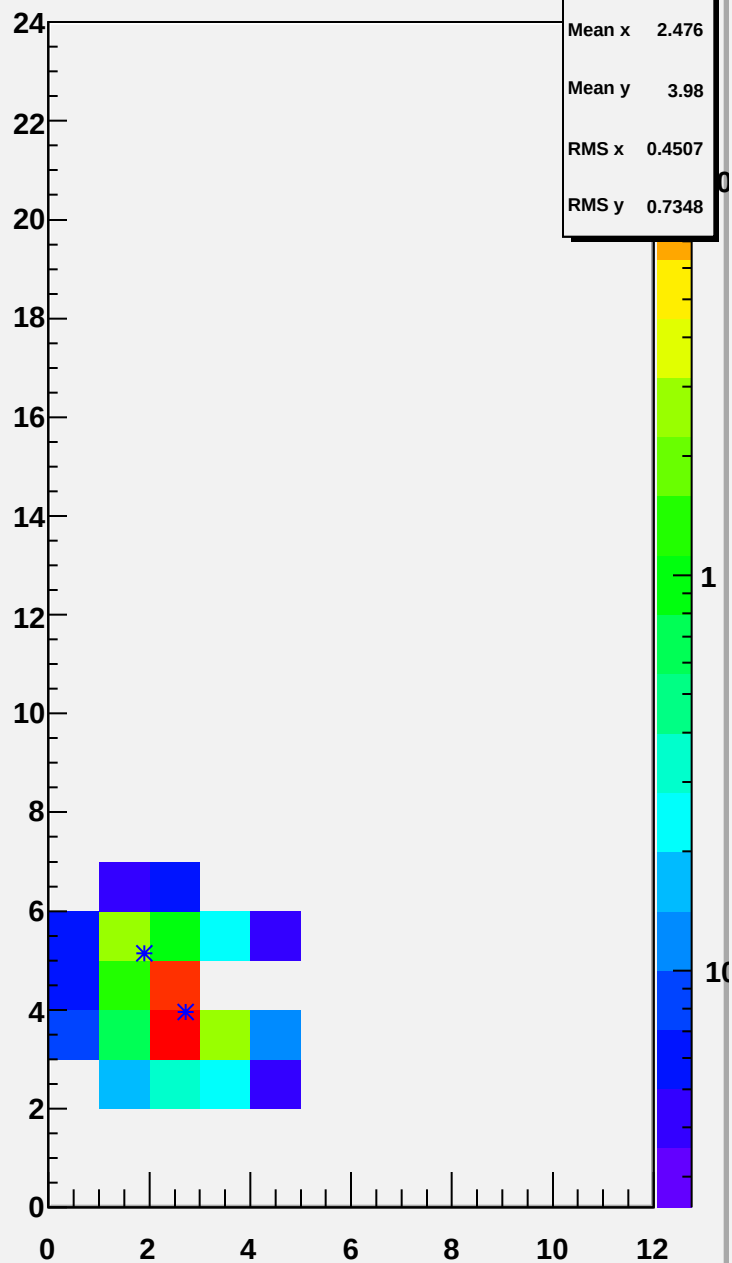
Efit

Entries	288
Mean x	3.849
Mean y	3.756
RMS x	0.8547
RMS y	0.6922

NSTB3_r4_c3_En=48.1_m0=0.114_m1=0.115_index=338

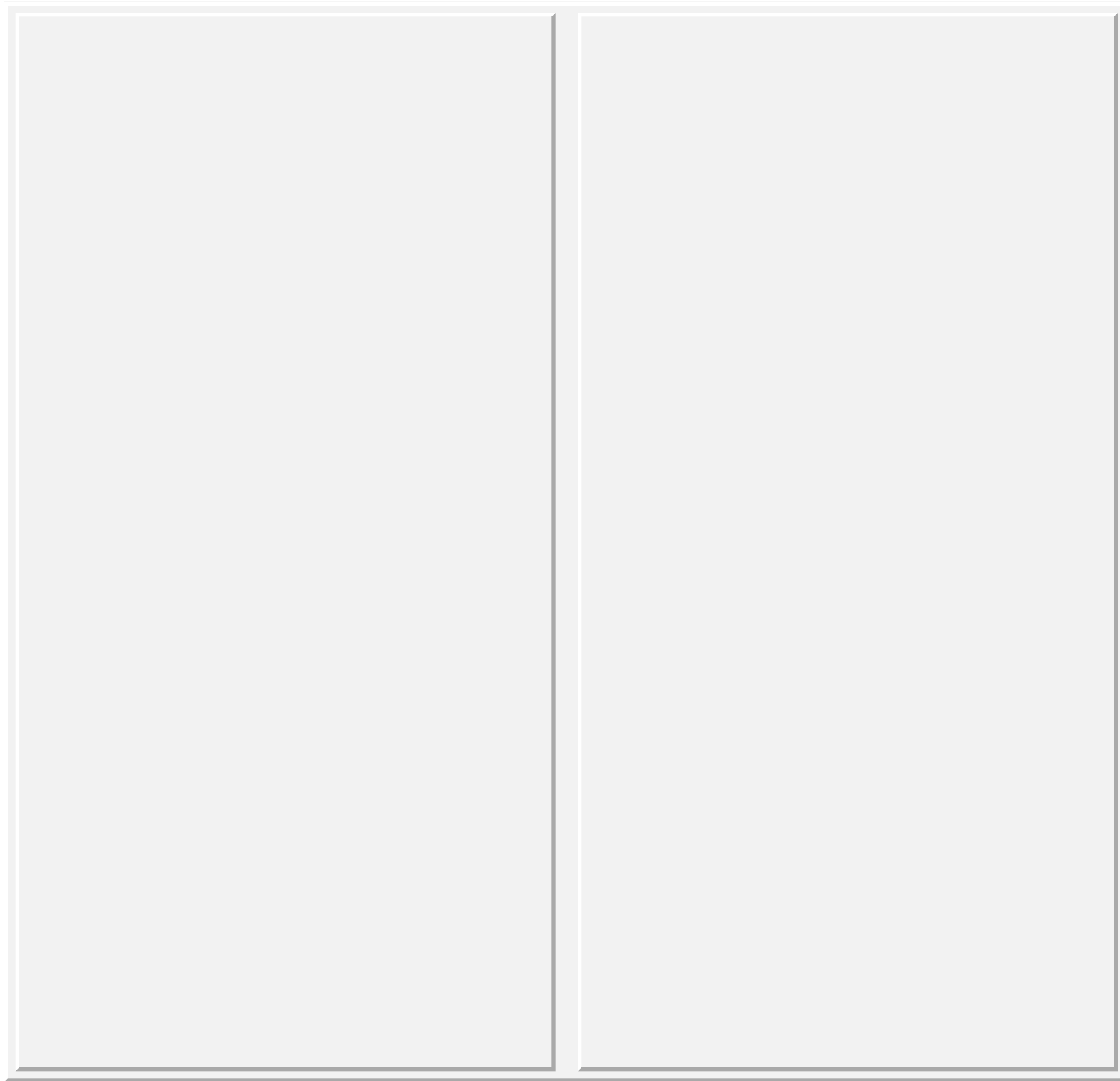


Fitted Energies

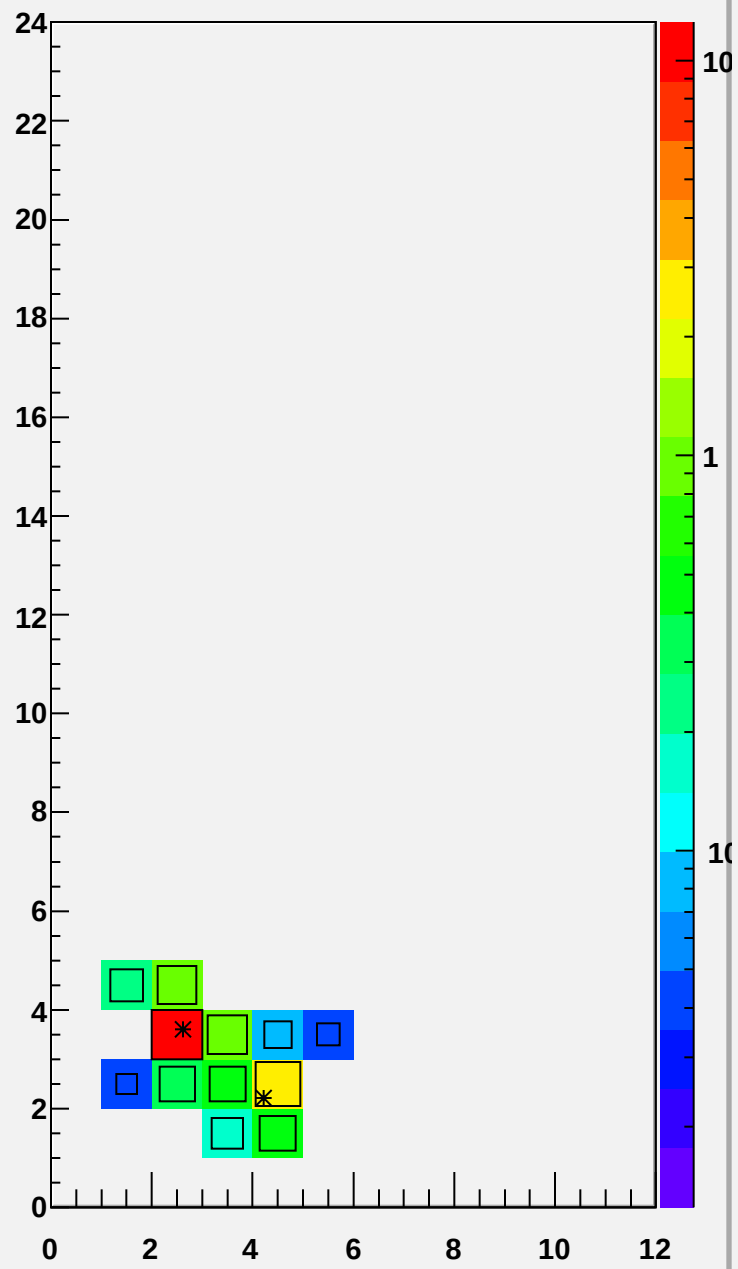


Efit

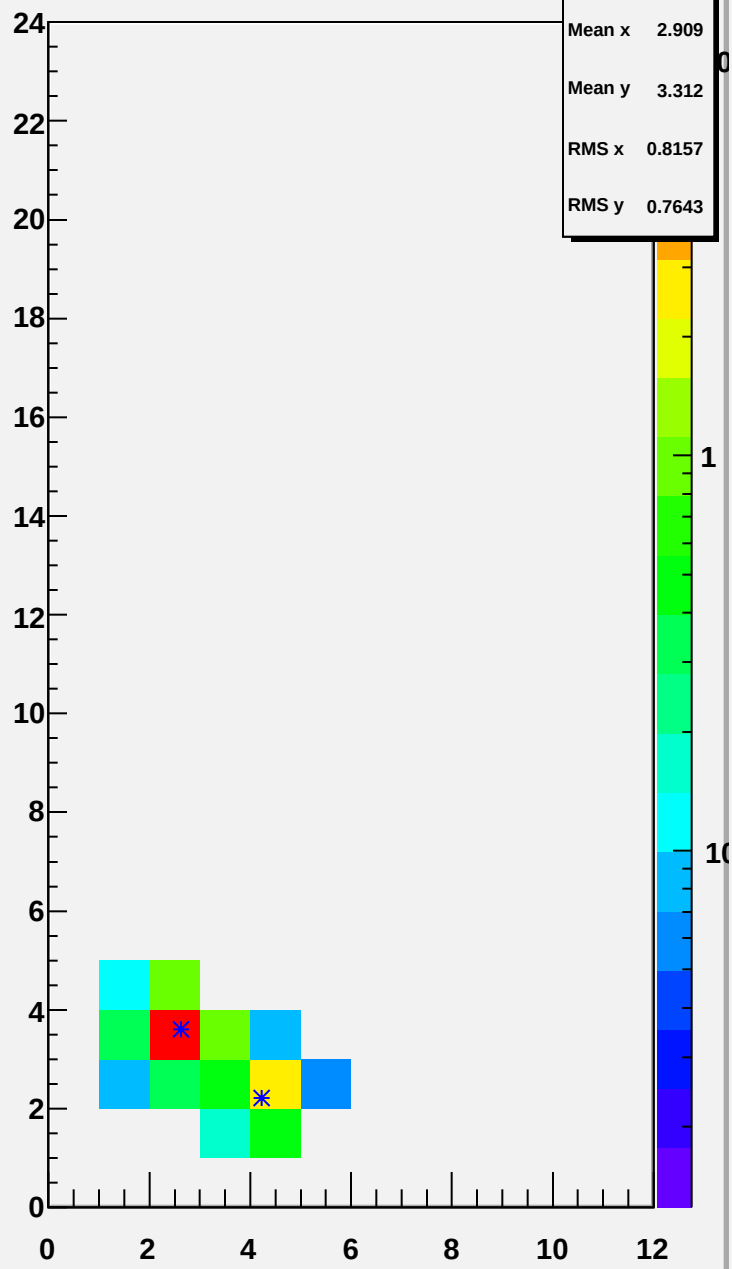
Entries	288
Mean x	2.476
Mean y	3.98
RMS x	0.4507
RMS y	0.7348



NSTB3_r4_c3_En=18.7_m0=0.092 m1=0.092 index=340



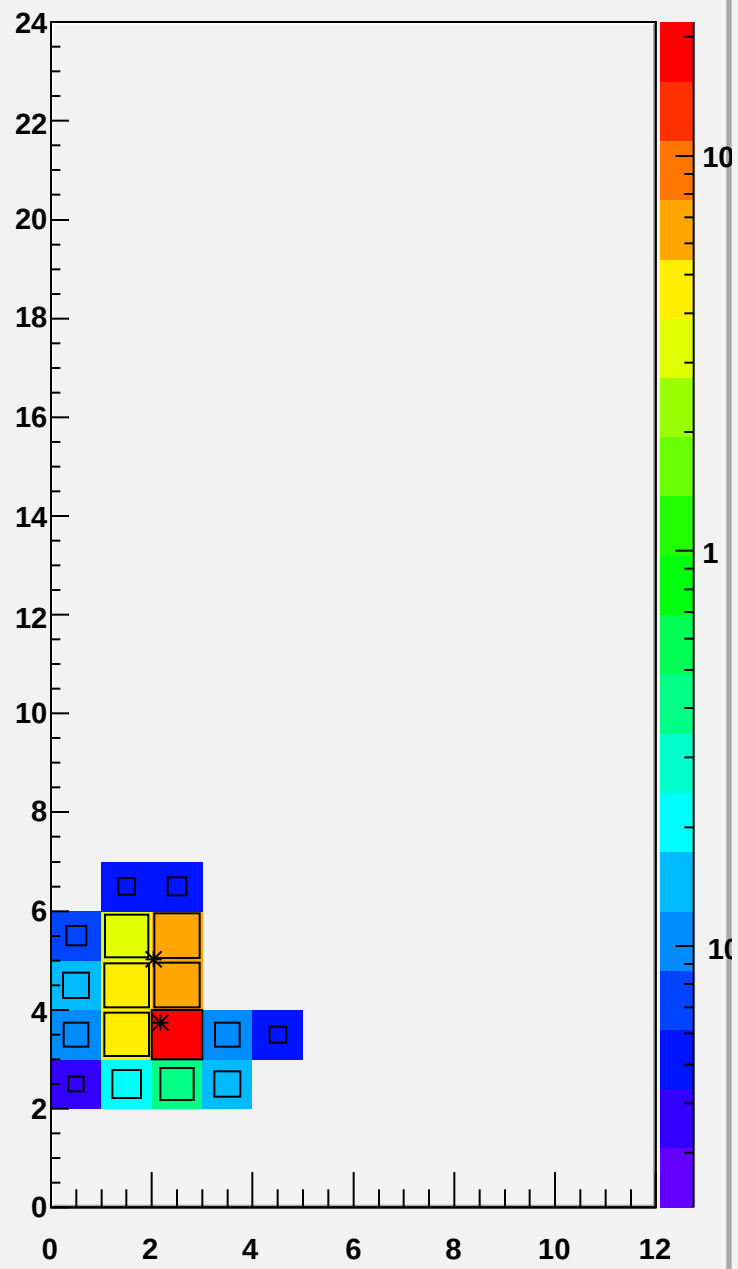
Fitted Energies



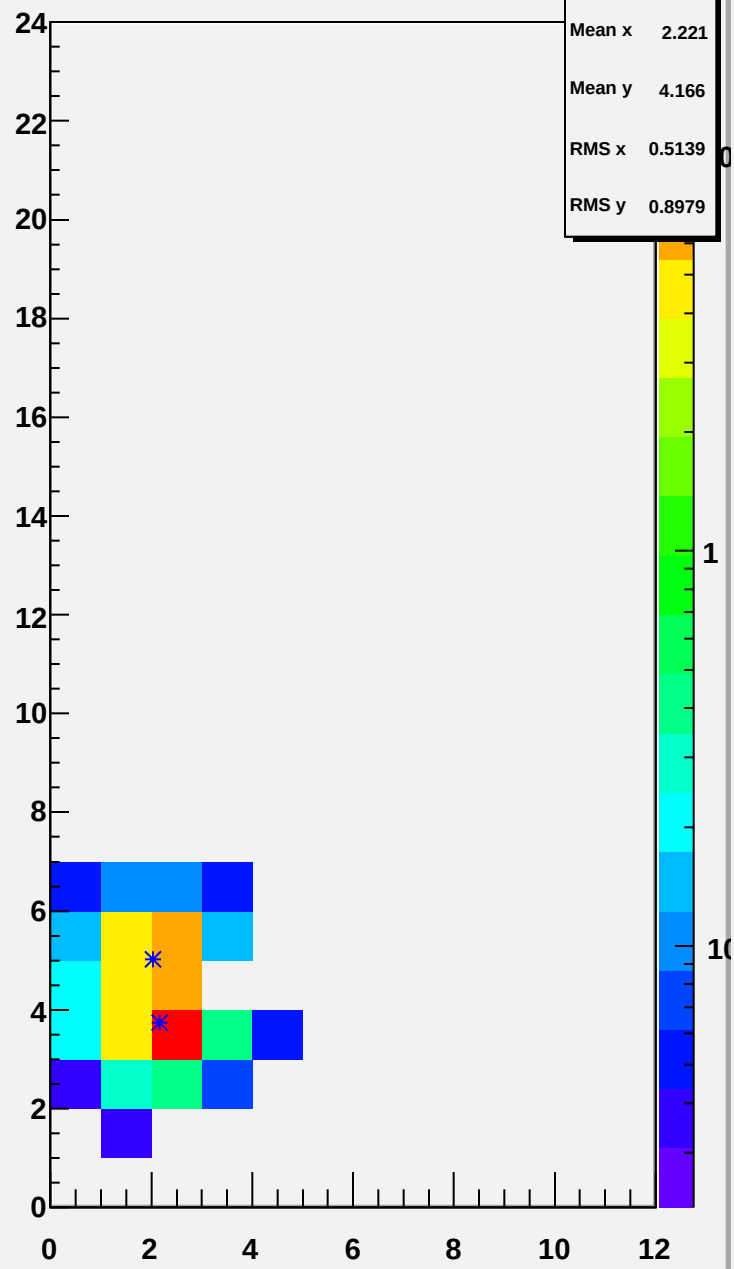
Efit

Entries	288
Mean x	2.909
Mean y	3.312
RMS x	0.8157
RMS y	0.7643

NSTB3_r4_c3_En=49.8_m0=0.174_m1=0.175_index=341



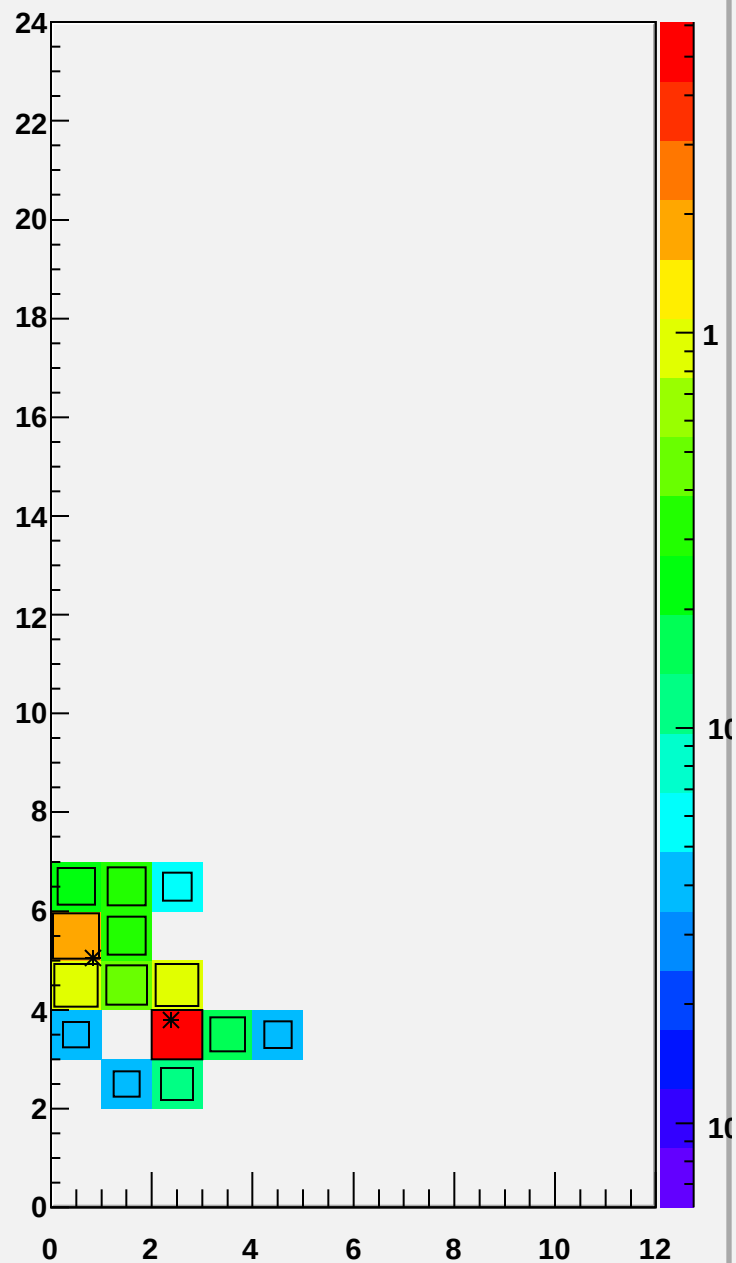
Fitted Energies



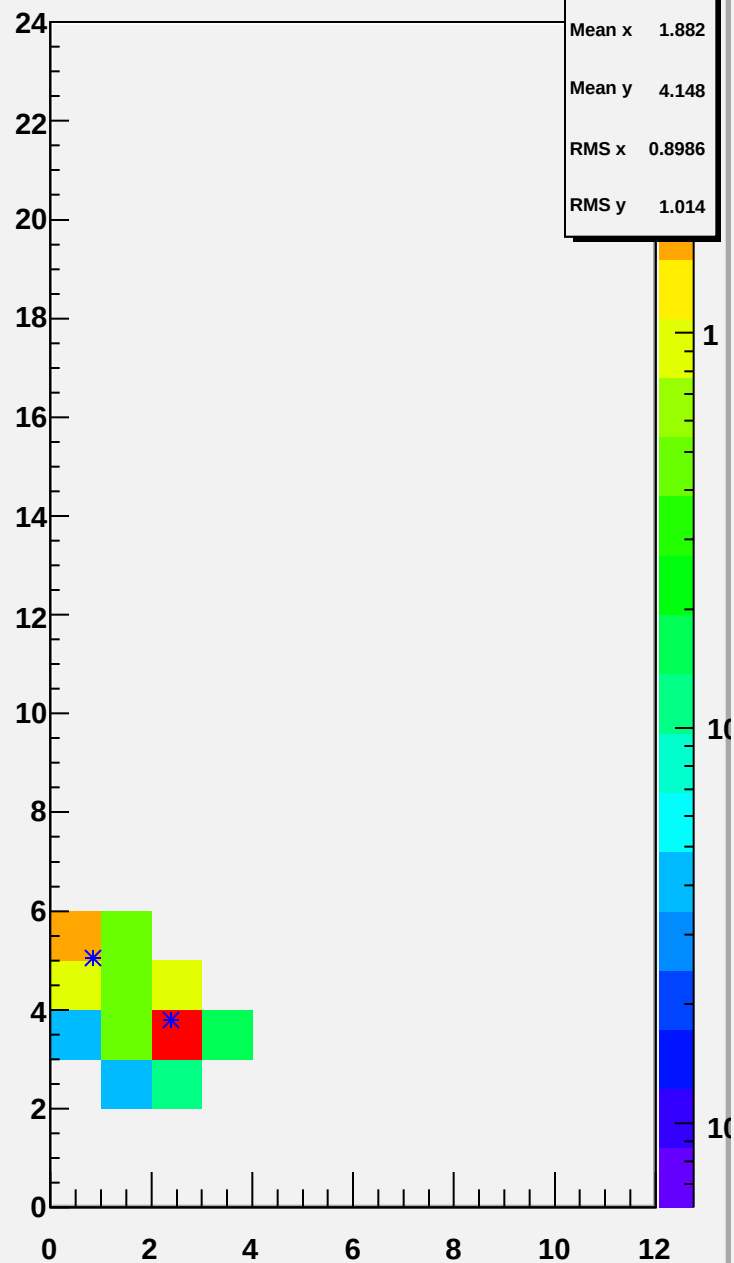
Efit

Entries	288
Mean x	2.221
Mean y	4.166
RMS x	0.5139
RMS y	0.8979

NSTB3_r4_c3_En=12.0_m0=0.063 m1=0.063 index=342



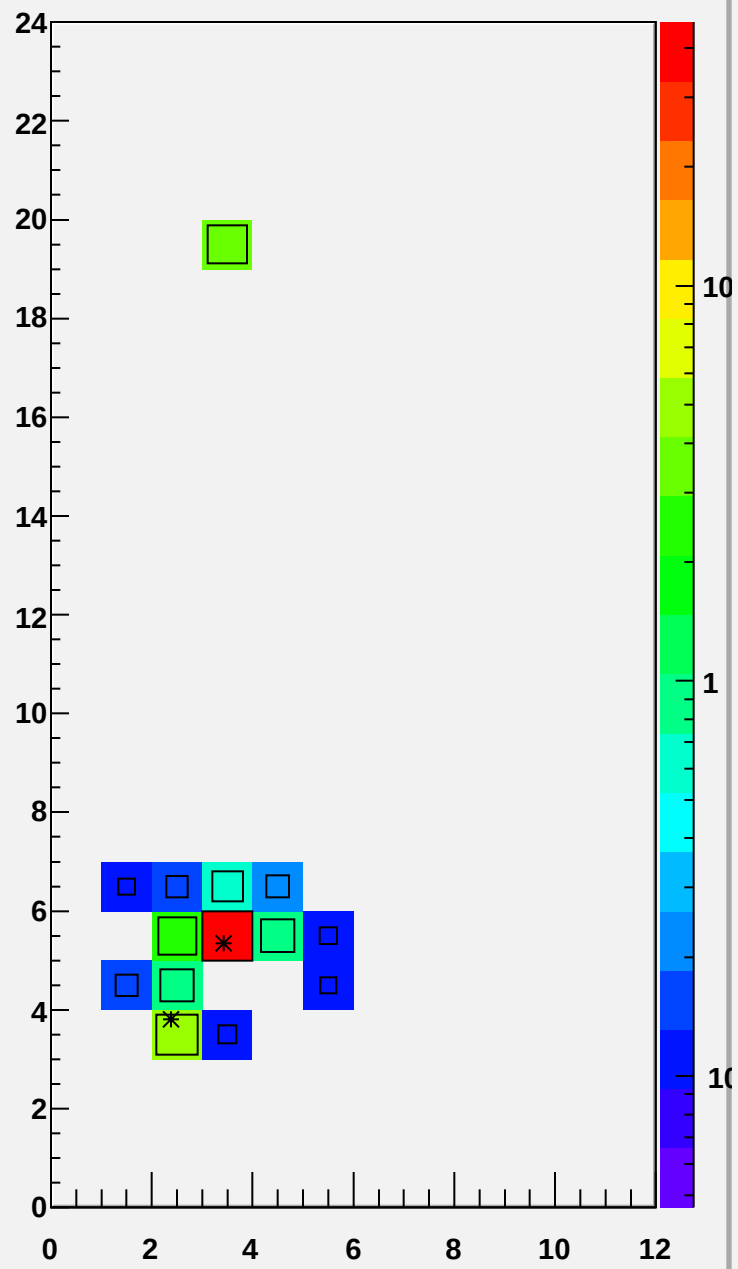
Fitted Energies



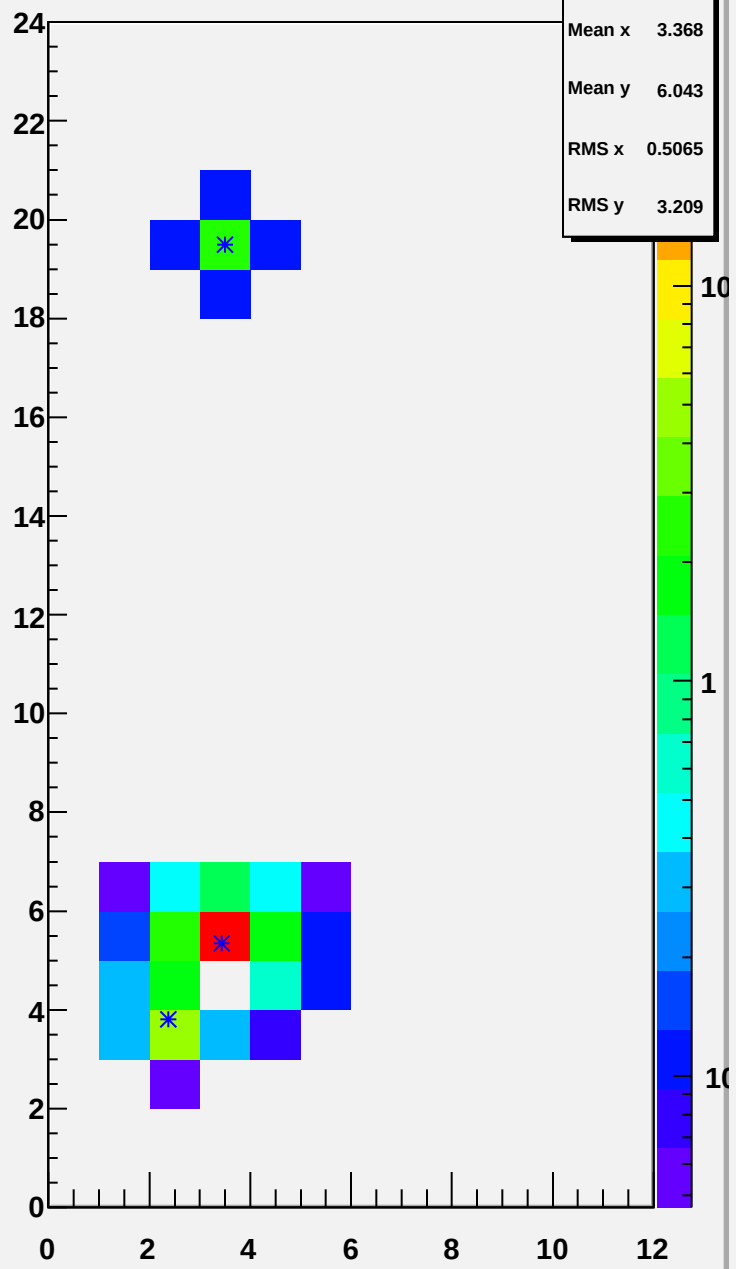
Efit

Entries	288
Mean x	1.882
Mean y	4.148
RMS x	0.8986
RMS y	1.014

NSTB3_r4_c3_En=60.0_m0=0.194_m1=0.195_index=343



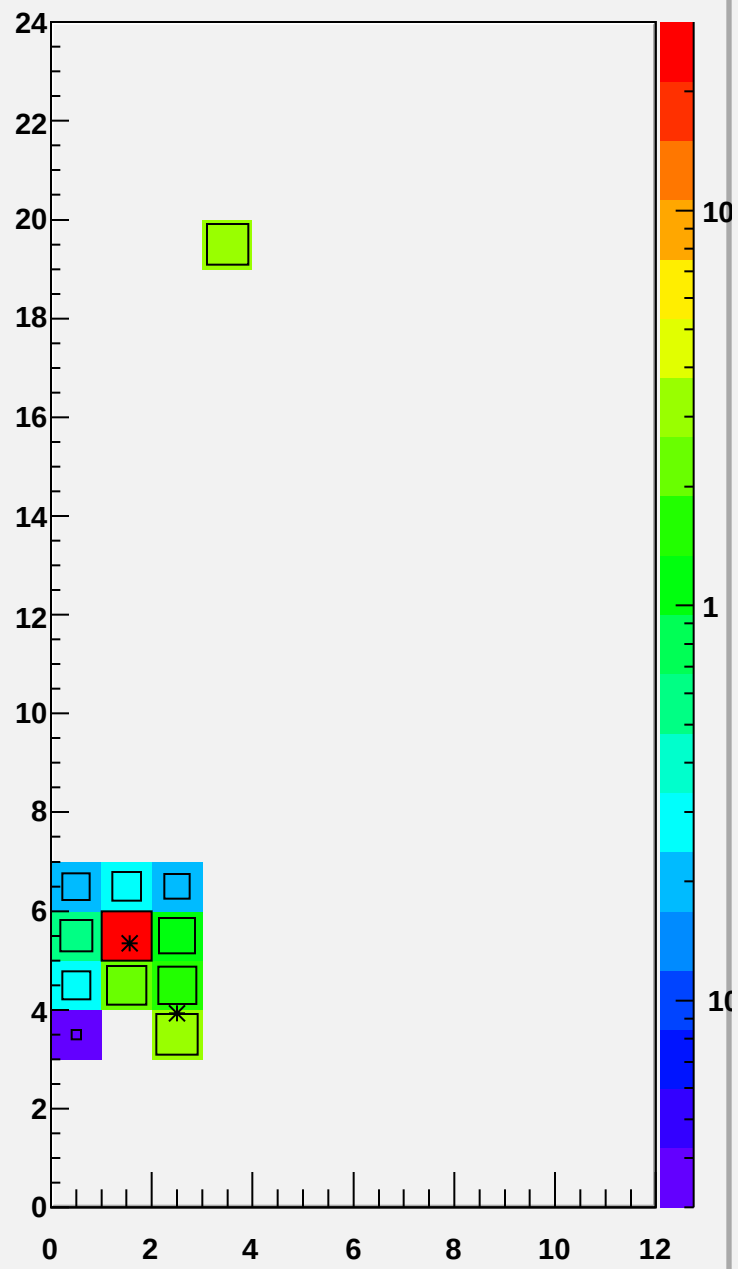
Fitted Energies



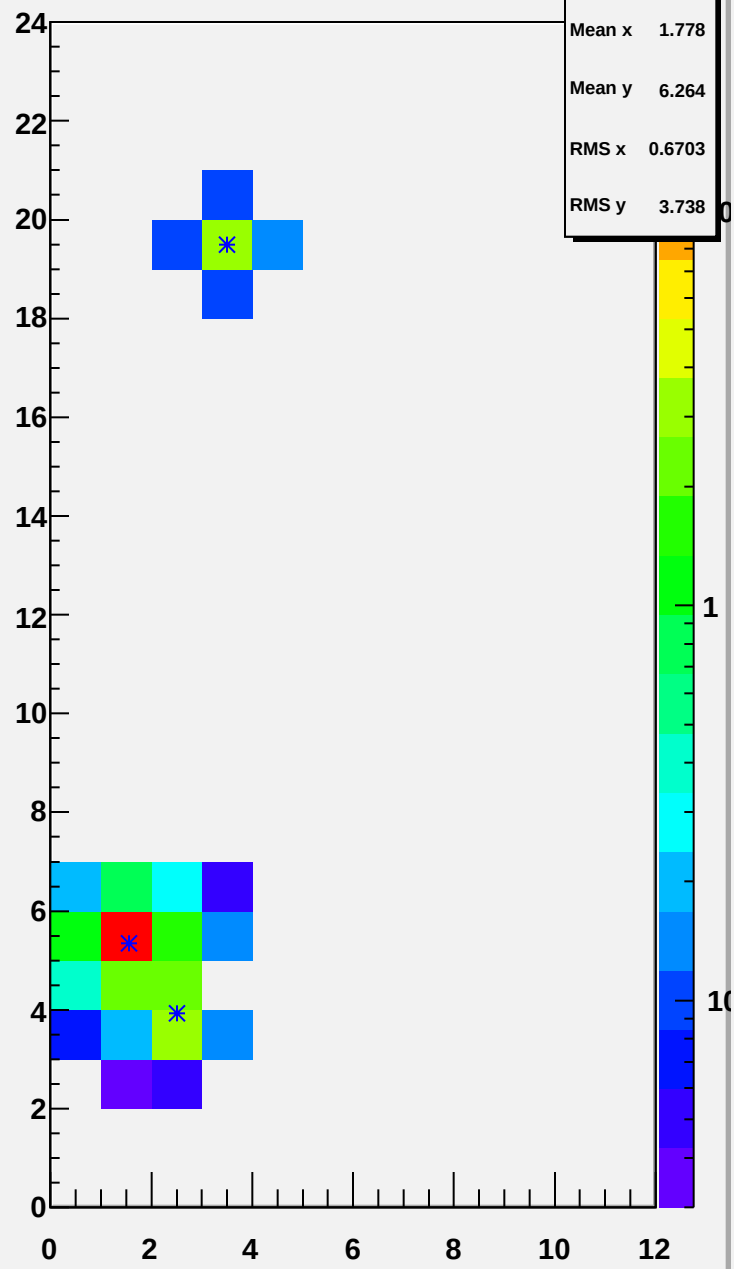
Efit

Entries	288
Mean x	3.368
Mean y	6.043
RMS x	0.5065
RMS y	3.209

NSTB3_r4_c3_En=42.5_m0=0.132 m1=0.132 index=344



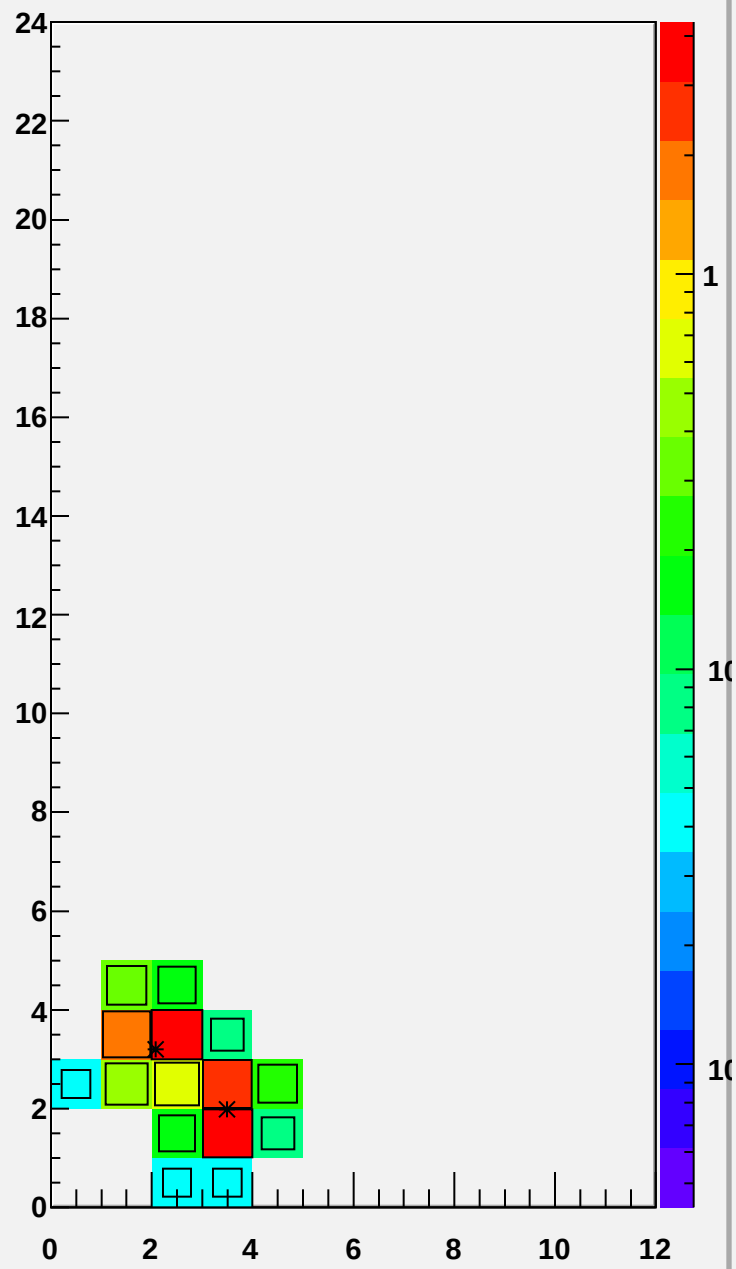
Fitted Energies



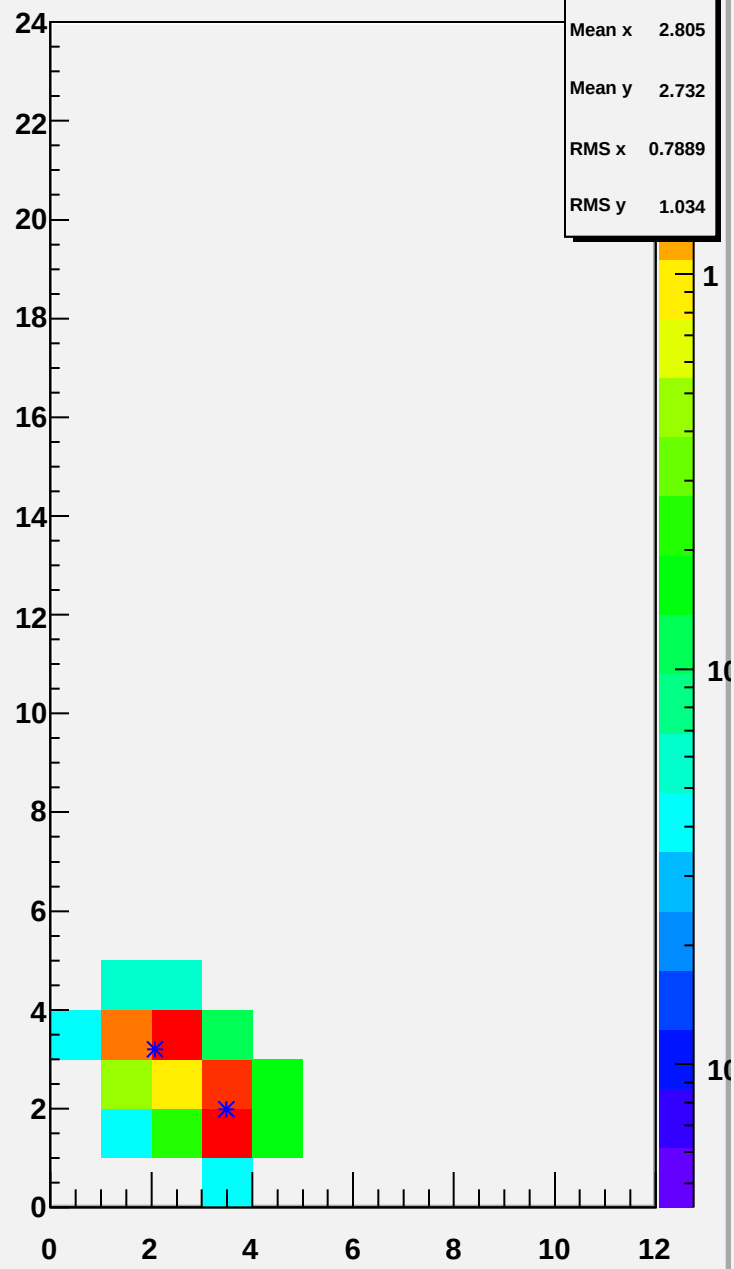
Efit

Entries	288
Mean x	1.778
Mean y	6.264
RMS x	0.6703
RMS y	3.738

NSTB3_r4_c3_En=14.7_m0=0.077 m1=0.077 index=346



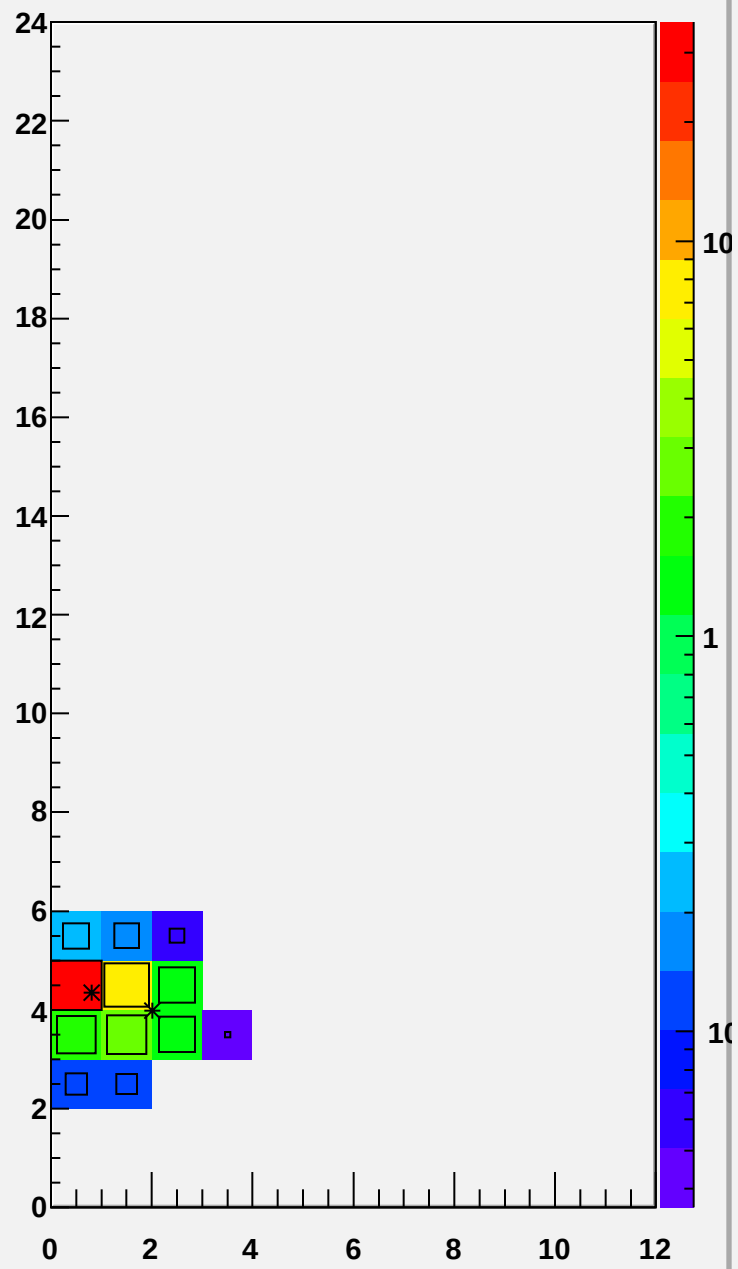
Fitted Energies



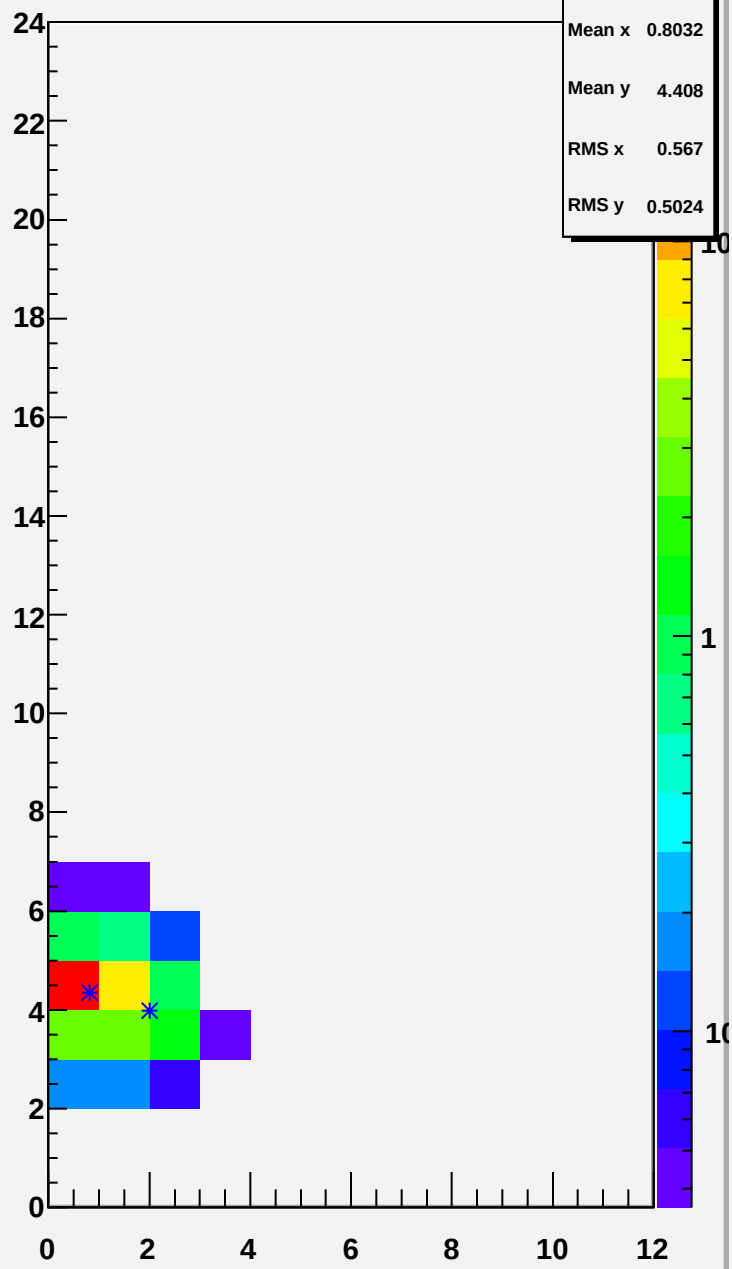
Efit

Entries	288
Mean x	2.805
Mean y	2.732
RMS x	0.7889
RMS y	1.034

NSTB3_r4_c3_En=51.1_m0=0.096_m1=0.096_index=347



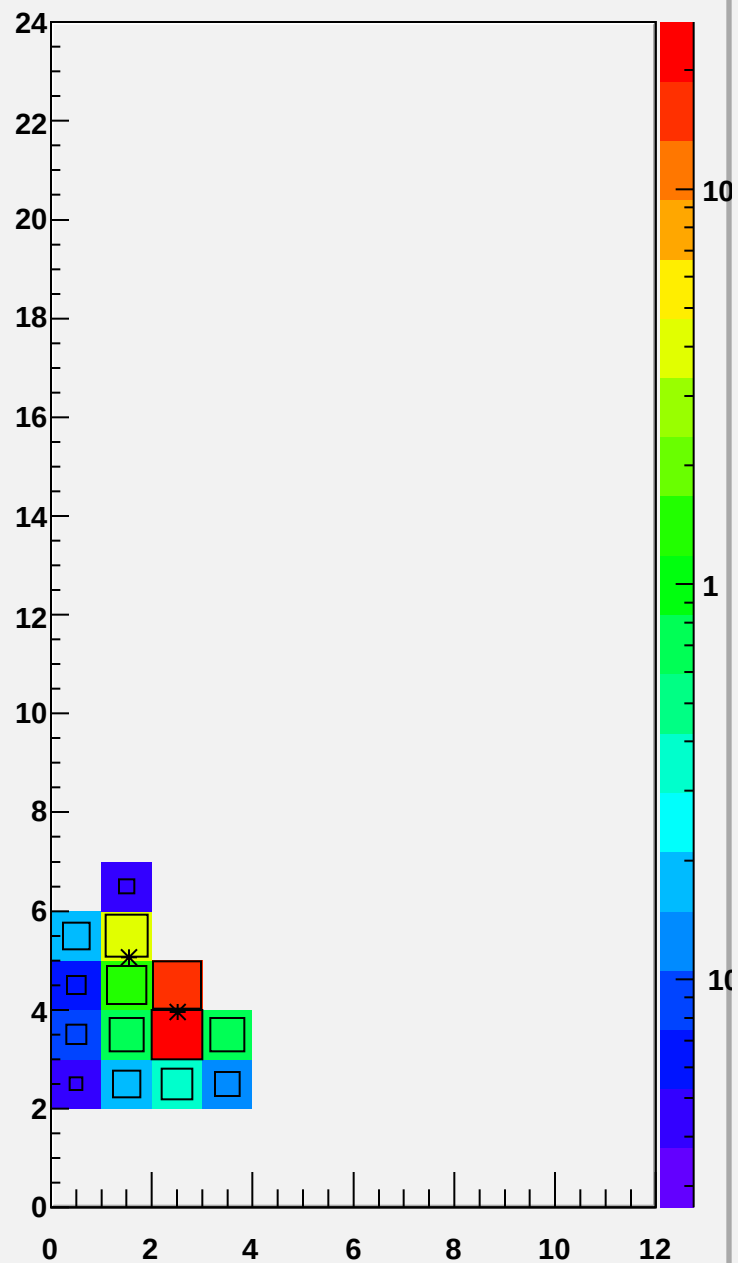
Fitted Energies



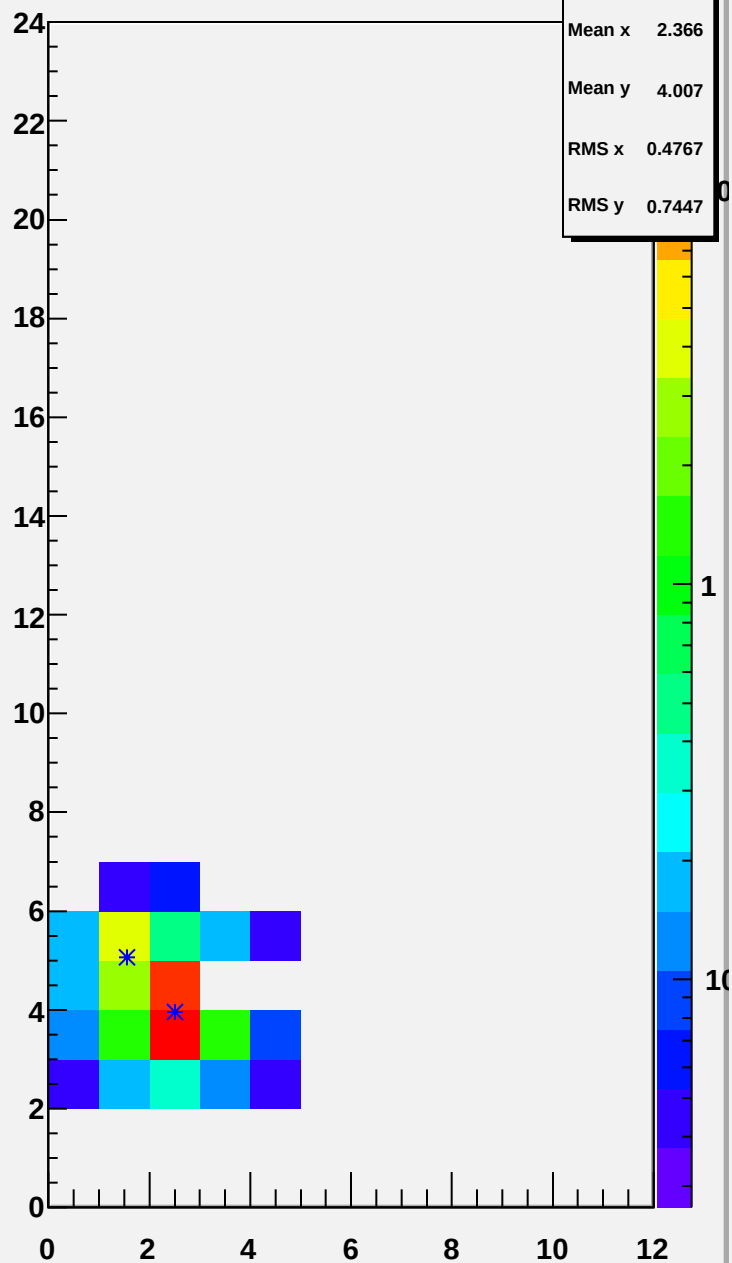
Efit

Entries	288
Mean x	0.8032
Mean y	4.408
RMS x	0.567
RMS y	0.5024

NSTB3_r4_c3_En=48.1_m0=0.135_m1=0.135_index=348



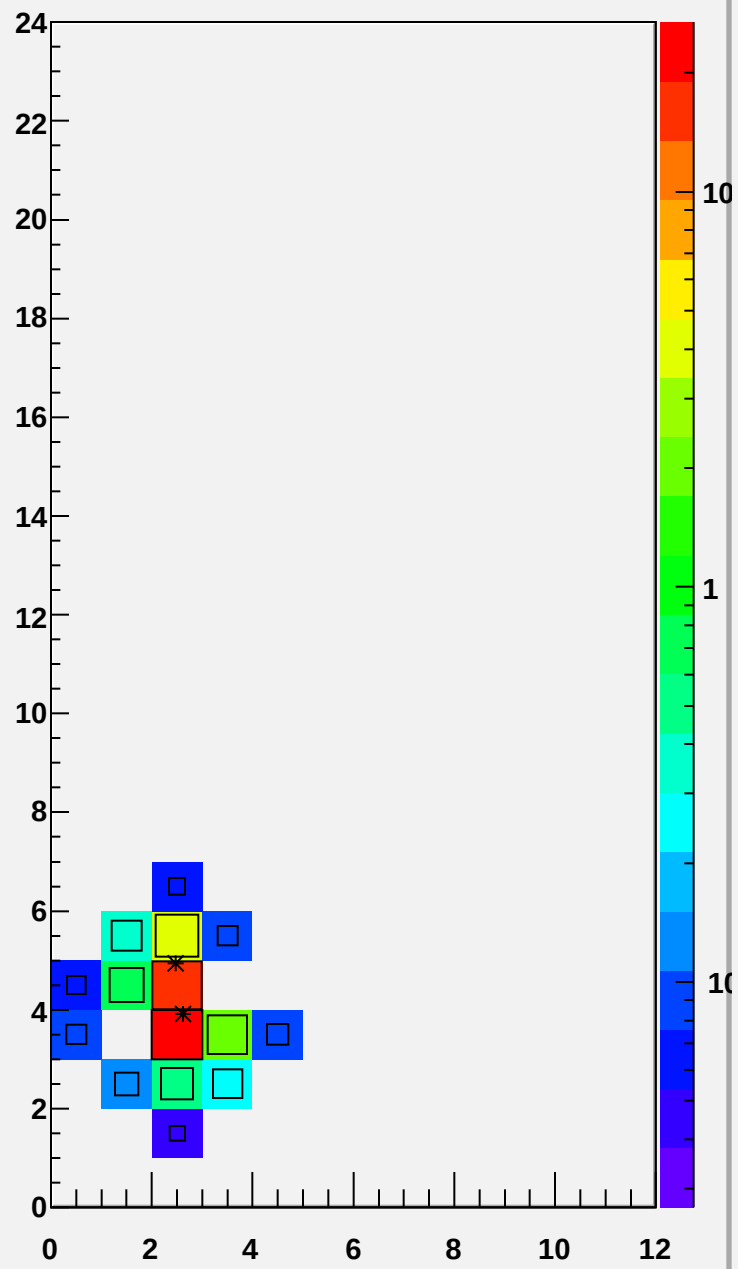
Fitted Energies



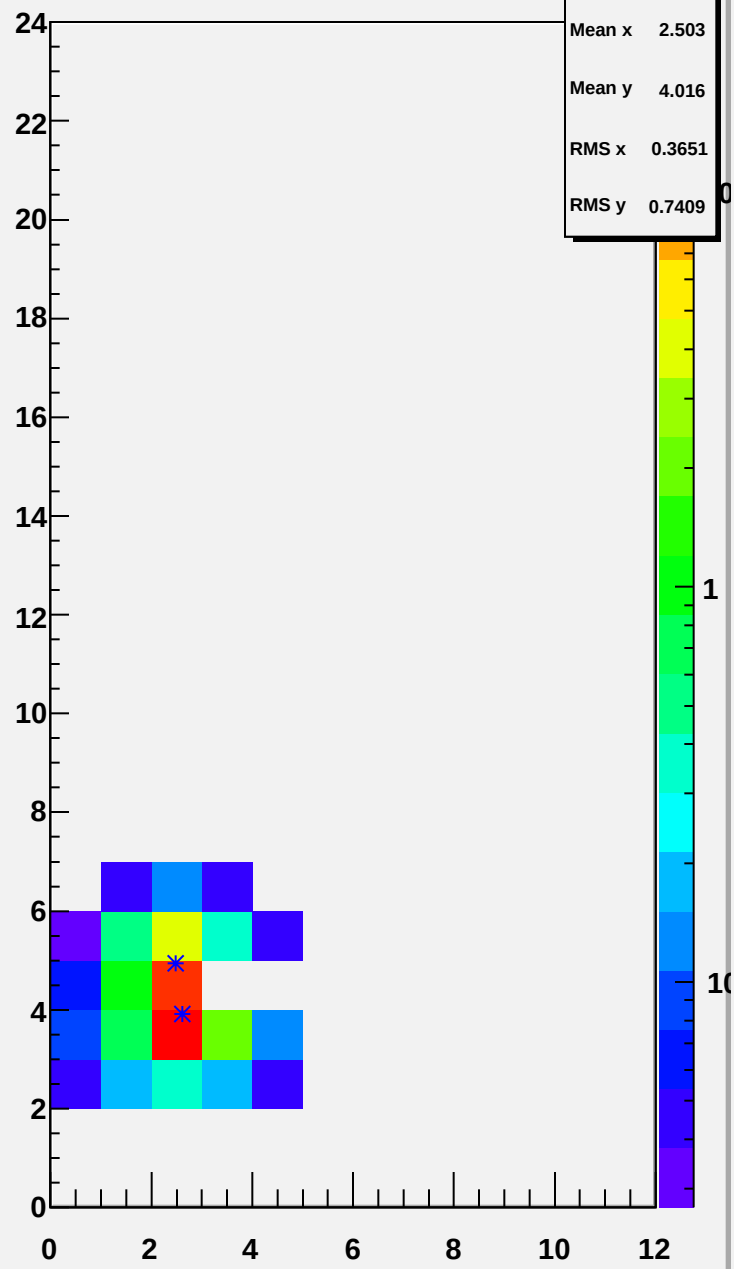
Efit

Entries	288
Mean x	2.366
Mean y	4.007
RMS x	0.4767
RMS y	0.7447

NSTB3_r4_c3_En=52.6_m0=0.131_m1=0.131_index=350



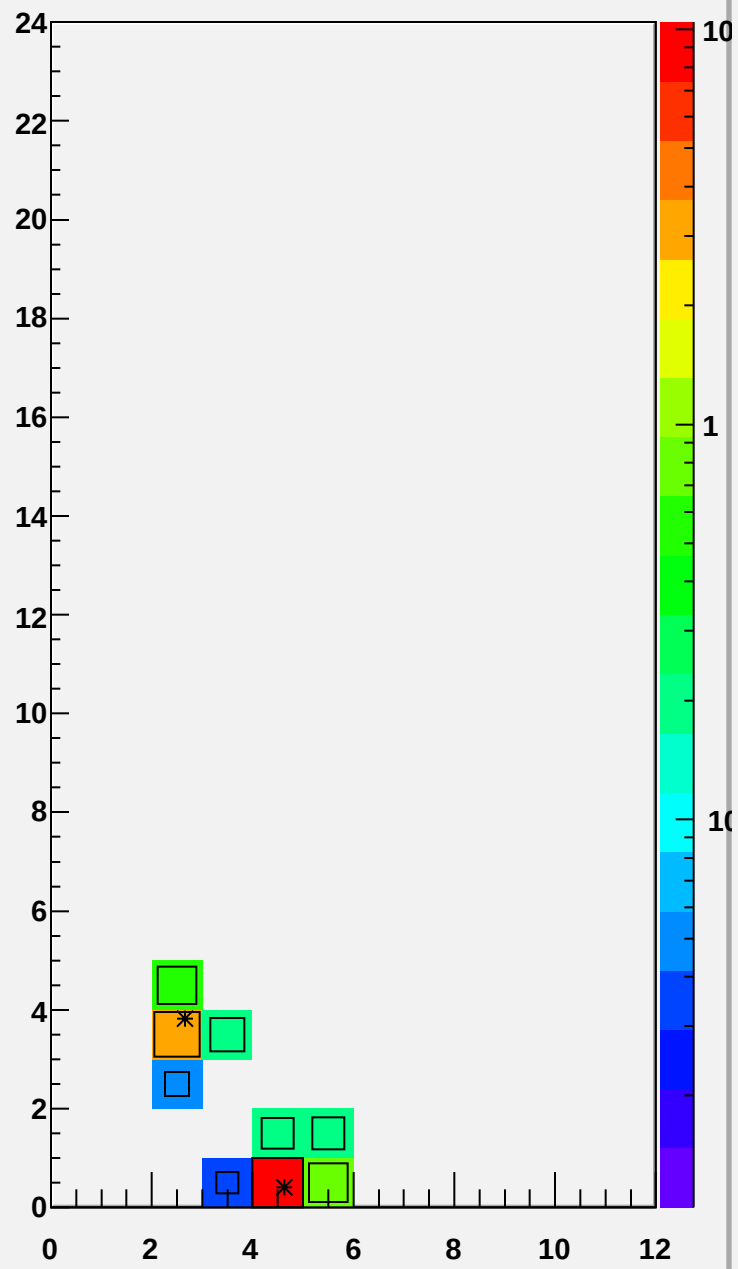
Fitted Energies



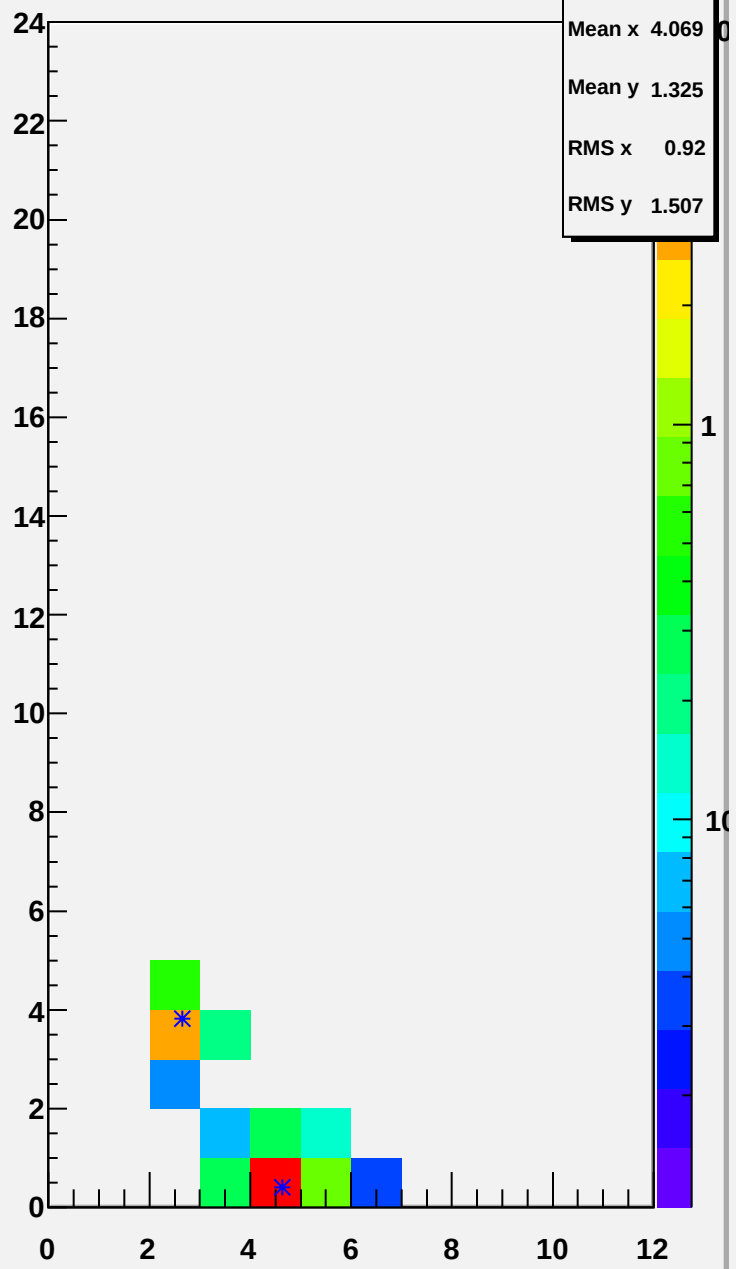
Efit

Entries	288
Mean x	2.503
Mean y	4.016
RMS x	0.3651
RMS y	0.7409

NSTB3_r4_c3_En=15.2_m0=0.155 m1=0.155 index=352



Fitted Energies



Efit

Entries 288

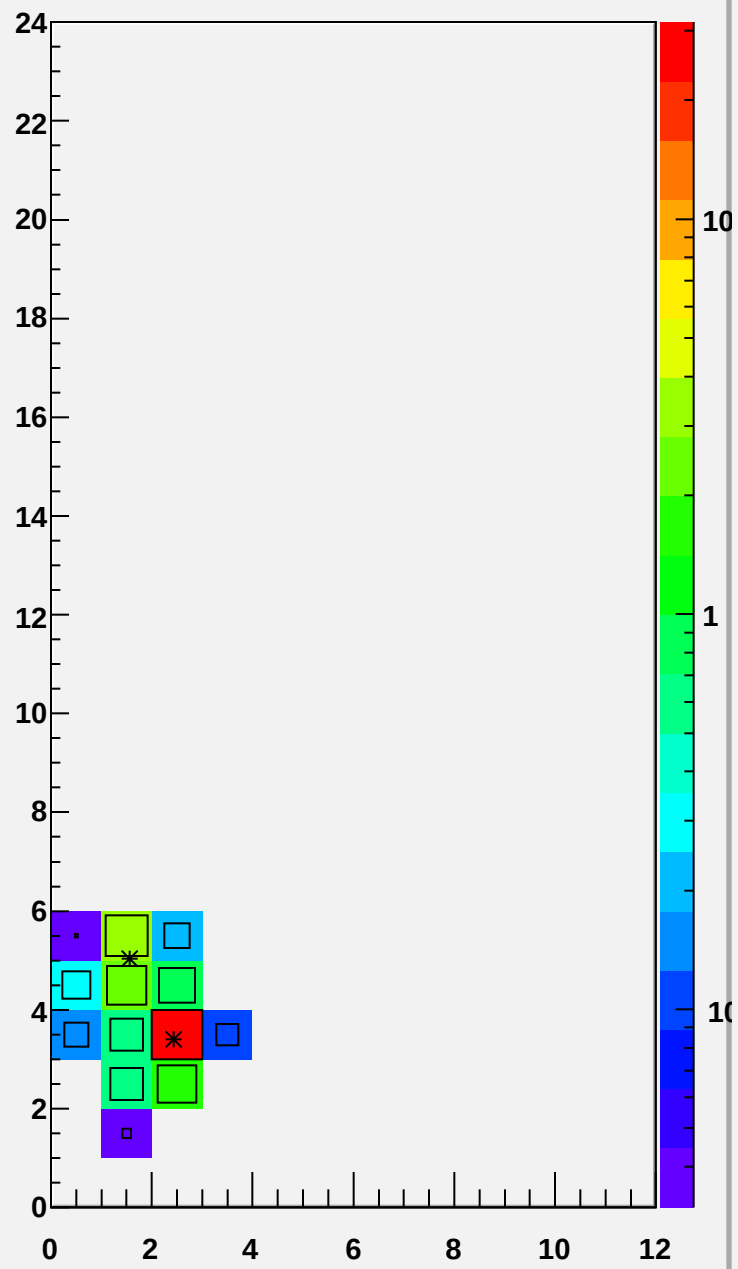
Mean x 4.069

Mean y 1.325

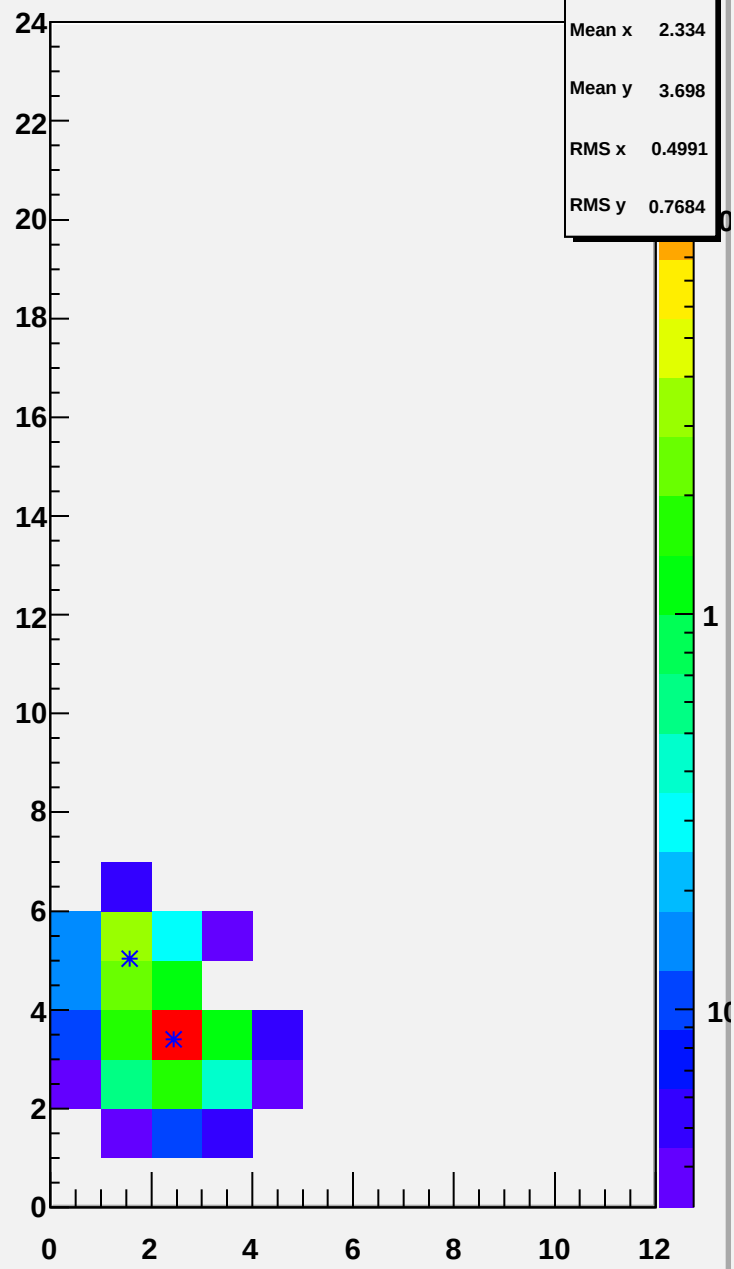
RMS x 0.92

RMS y 1.507

NSTB3_r4_c3_En=41.9_m0=0.161 m1=0.162 index=353



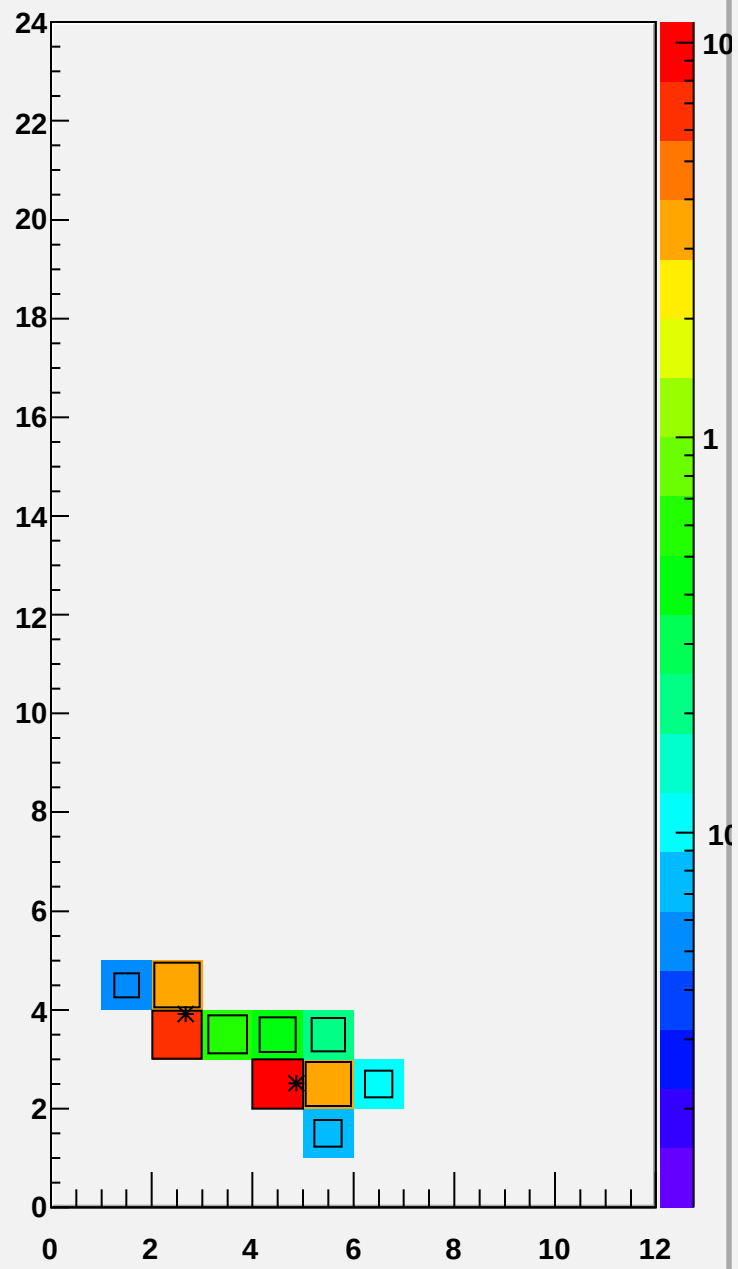
Fitted Energies



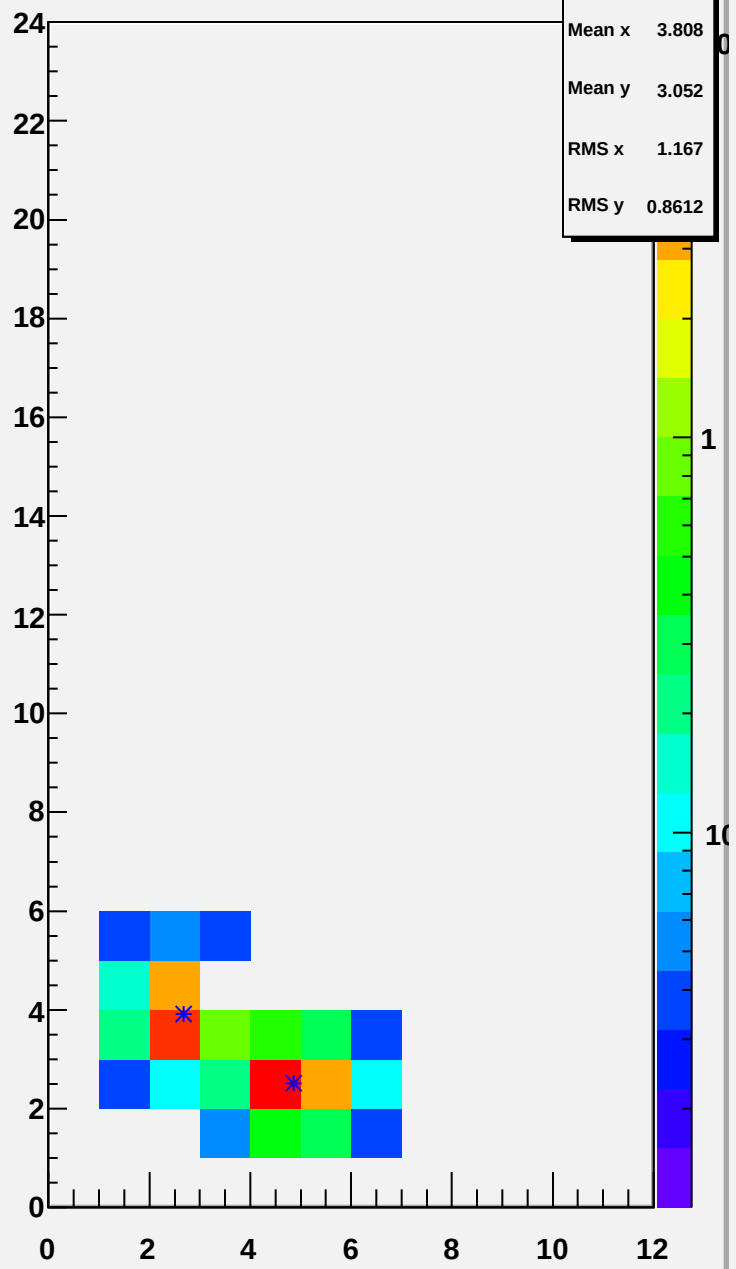
Efit

Entries	288
Mean x	2.334
Mean y	3.698
RMS x	0.4991
RMS y	0.7684

NSTB3_r4_c3_En=26.2_m0=0.199 m1=0.199 index=354



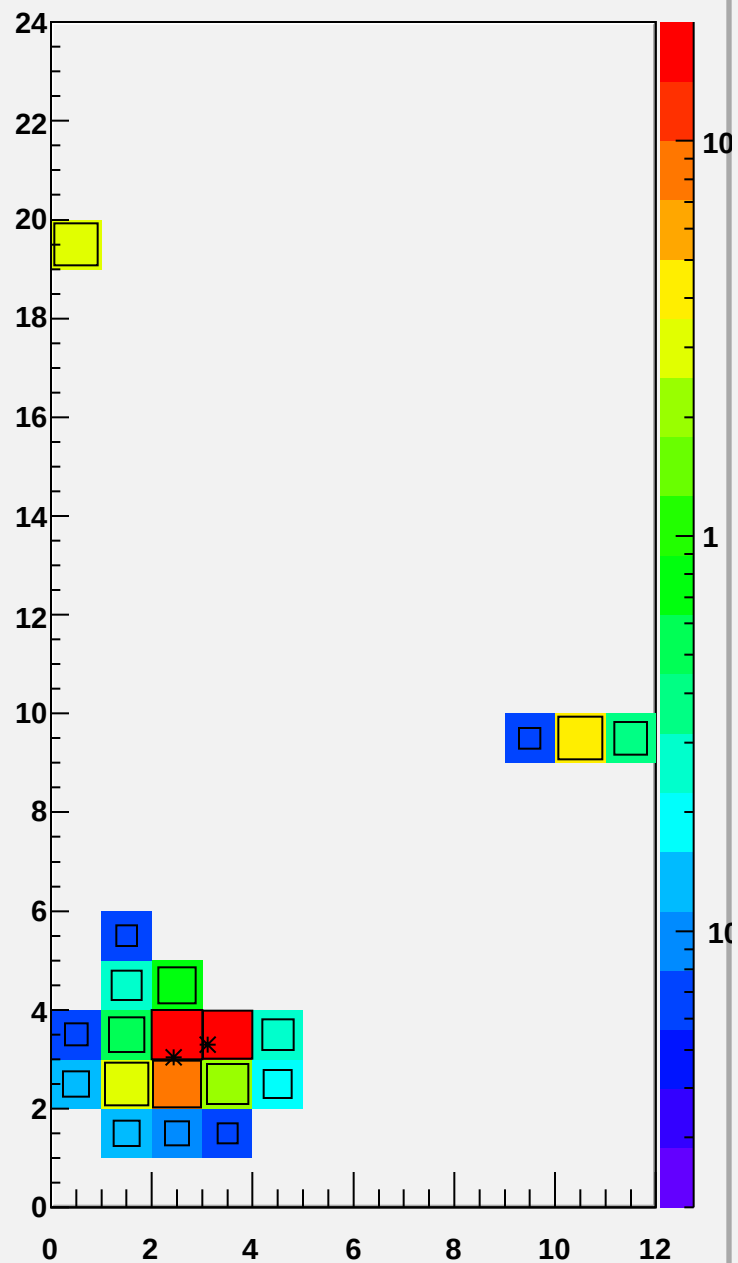
Fitted Energies



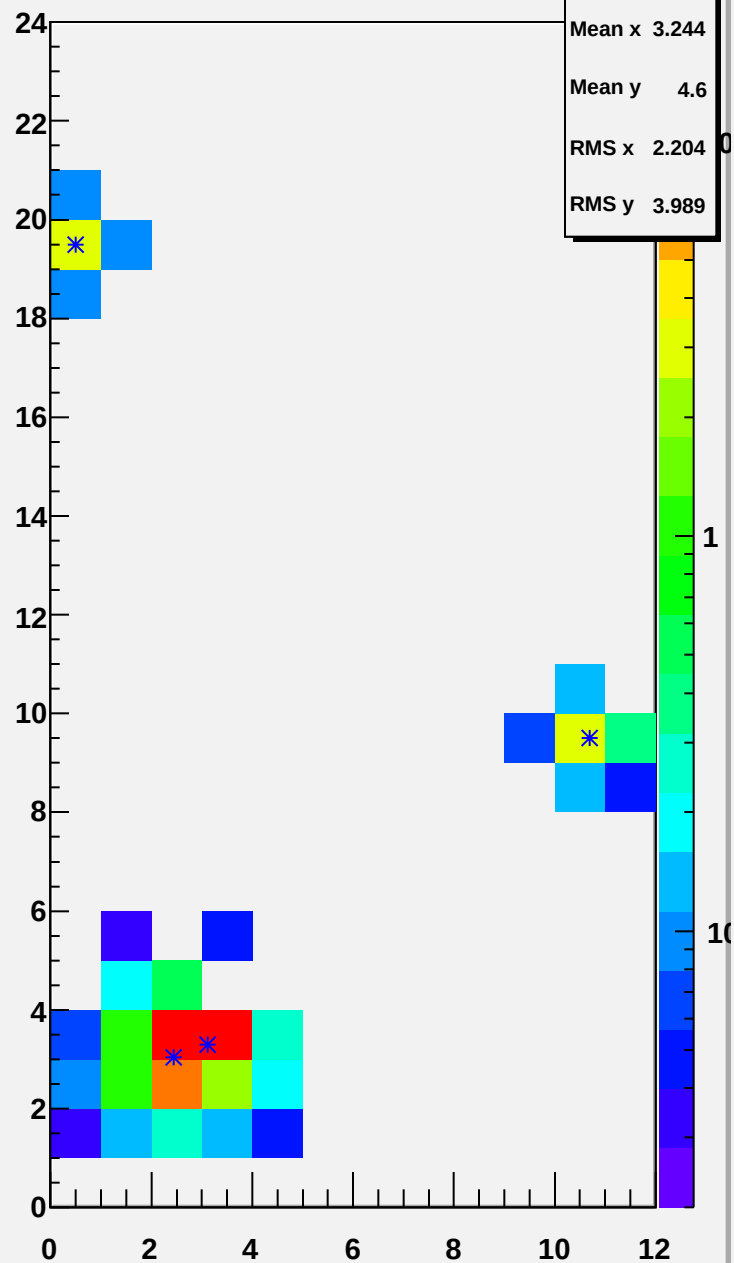
Efit

Entries	288
Mean x	3.808
Mean y	3.052
RMS x	1.167
RMS y	0.8612

NSTB3_r4_c3_En=59.4_m0=0.098 m1=0.098 index=355



Fitted Energies



Efit

Entries 288

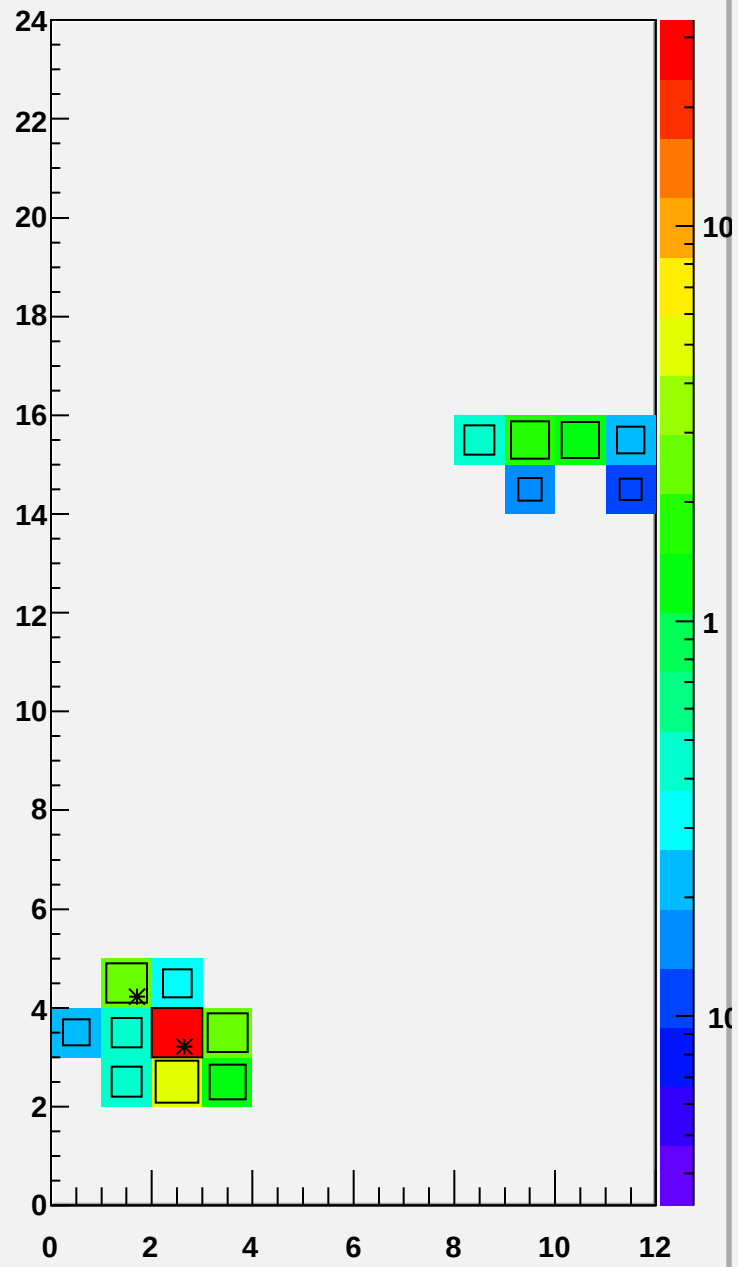
Mean x 3.244

Mean y 4.6

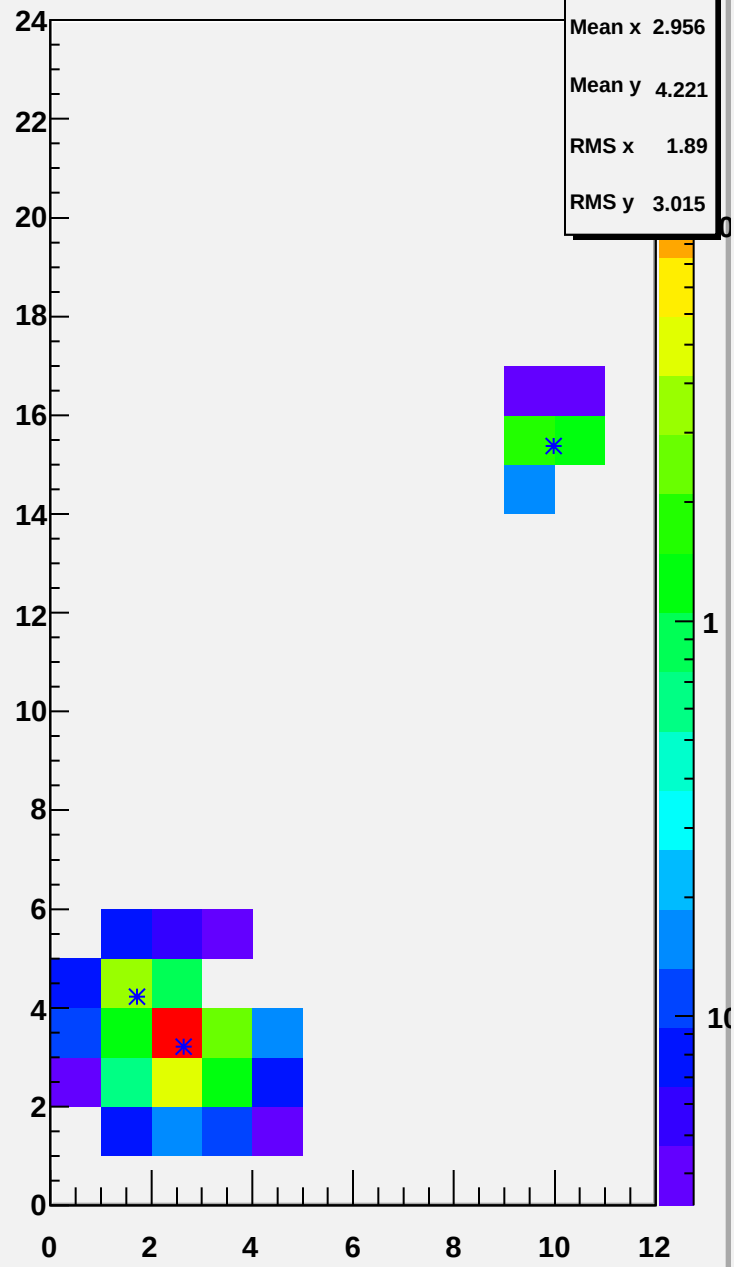
RMS x 2.204

RMS y 3.989

NSTB3_r4_c3_En=50.0_m0=0.100_m1=0.099_index=356



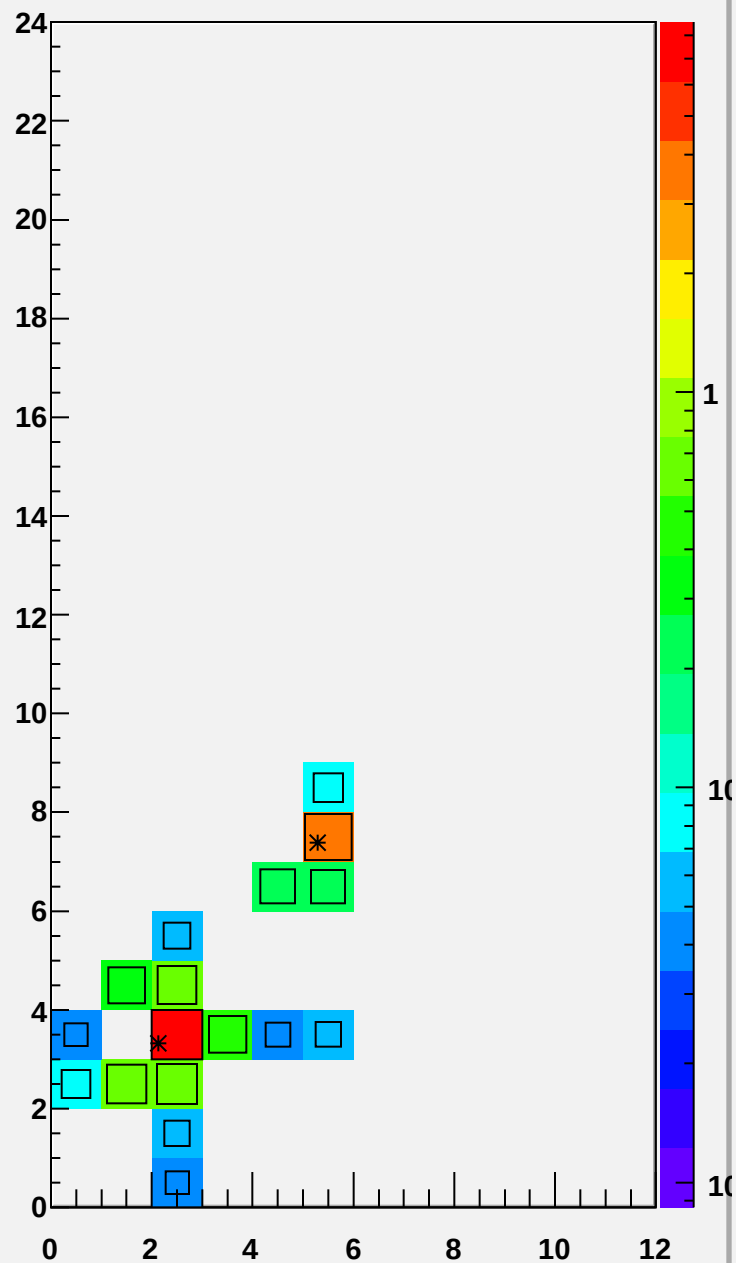
Fitted Energies



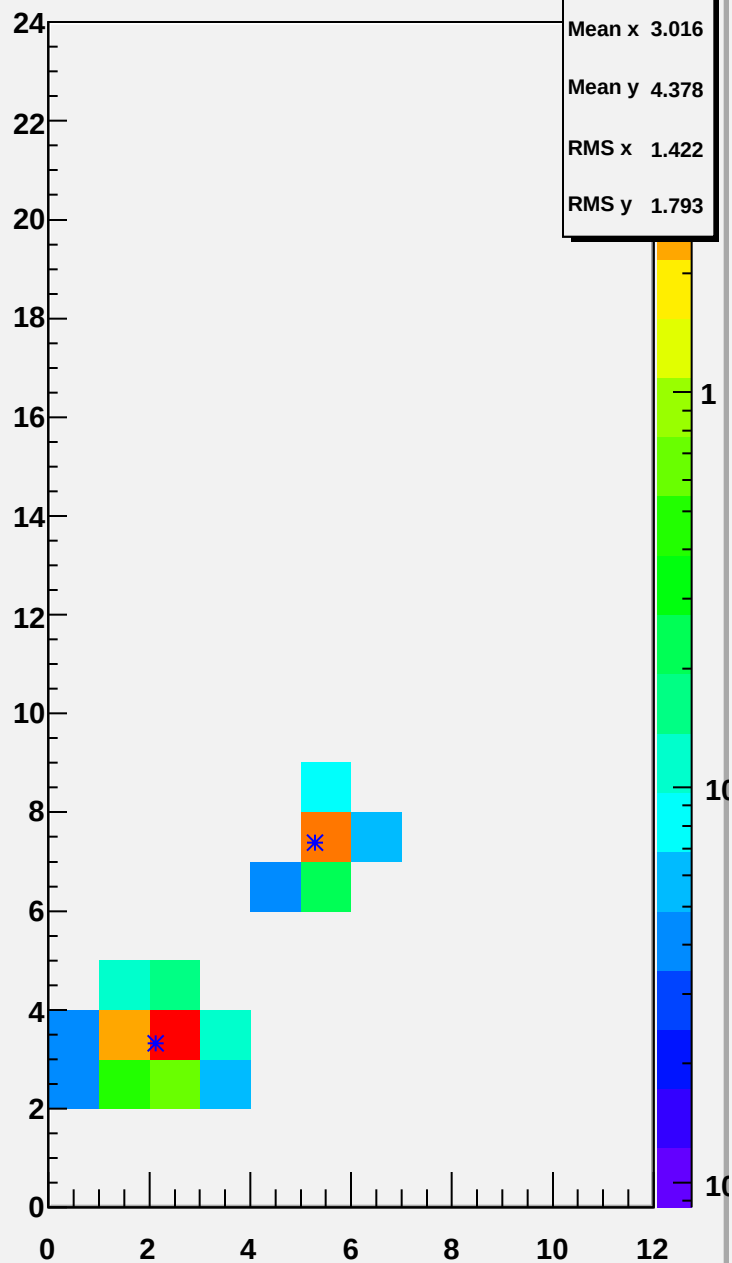
Efit

Entries 288
Mean x 2.956
Mean y 4.221
RMS x 1.89
RMS y 3.015

NSTB3_r4_c3_En=15.6_m0=0.212 m1=0.212 index=357



Fitted Energies



Efit

Entries 288

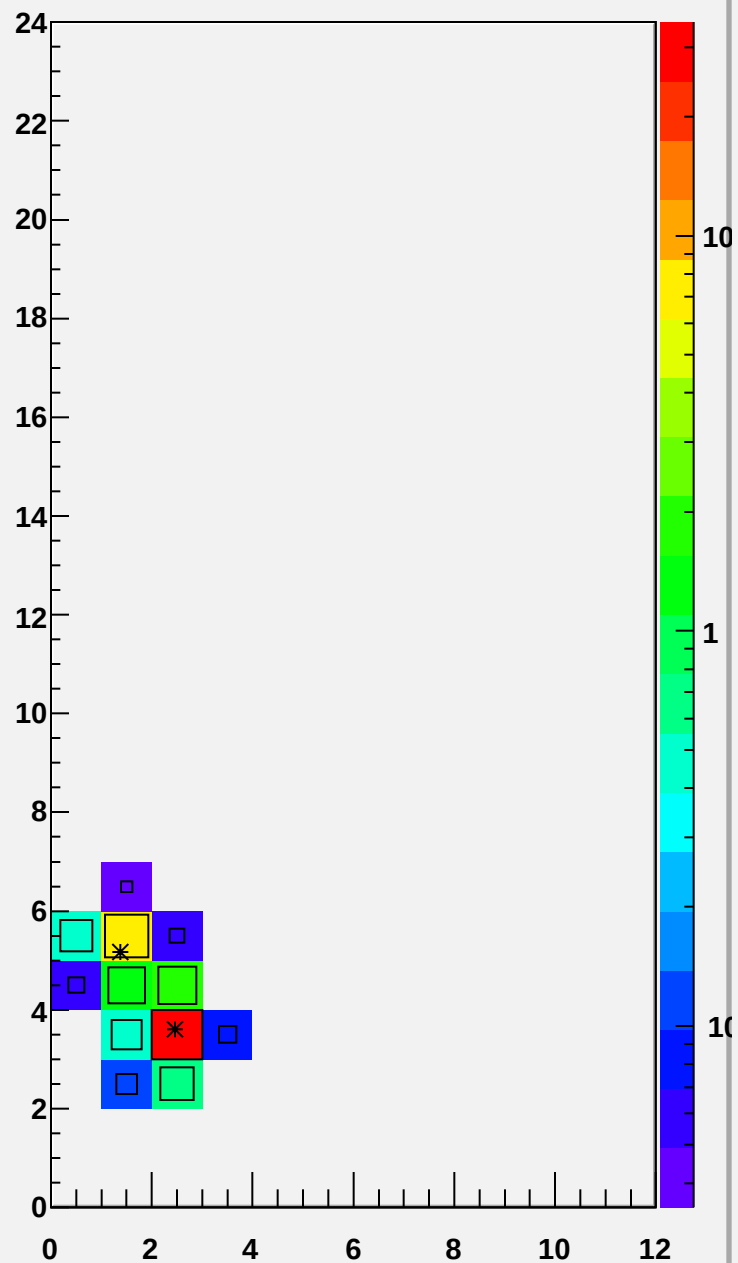
Mean x 3.016

Mean y 4.378

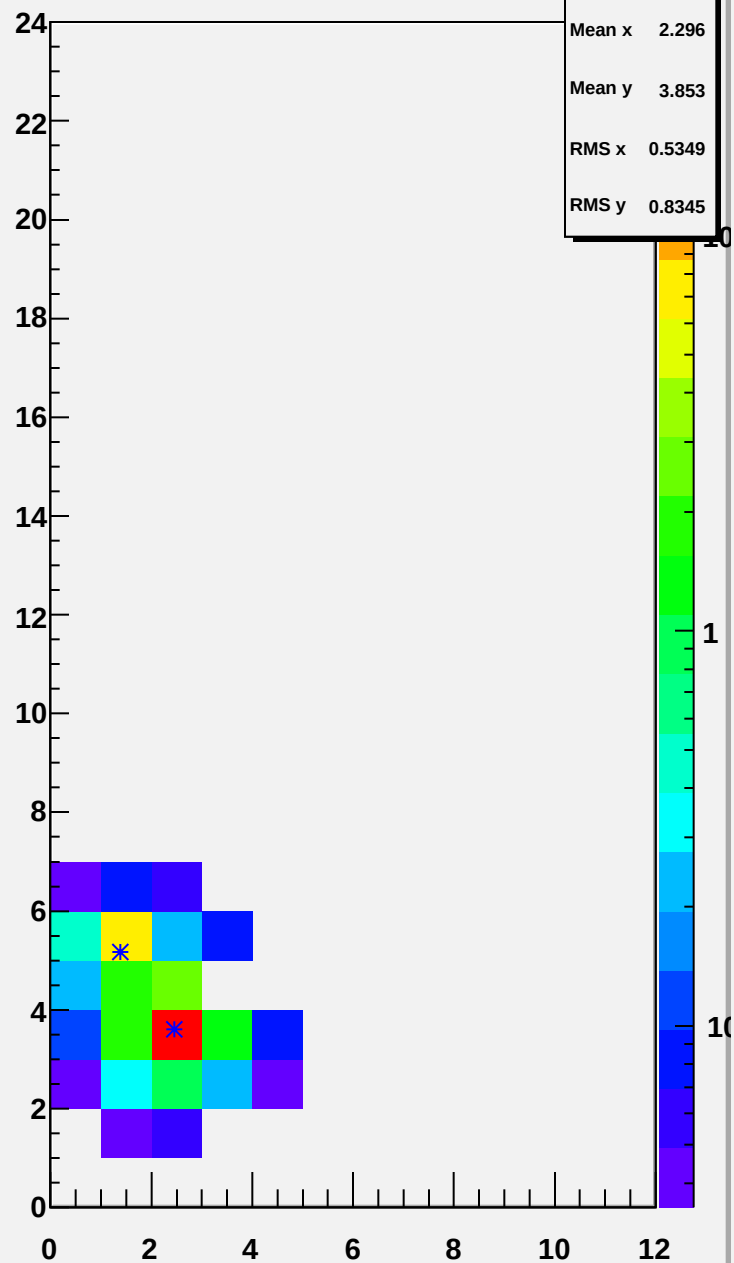
RMS x 1.422

RMS y 1.793

NSTB3_r4_c3_En=46.1_m0=0.201_m1=0.200_index=358



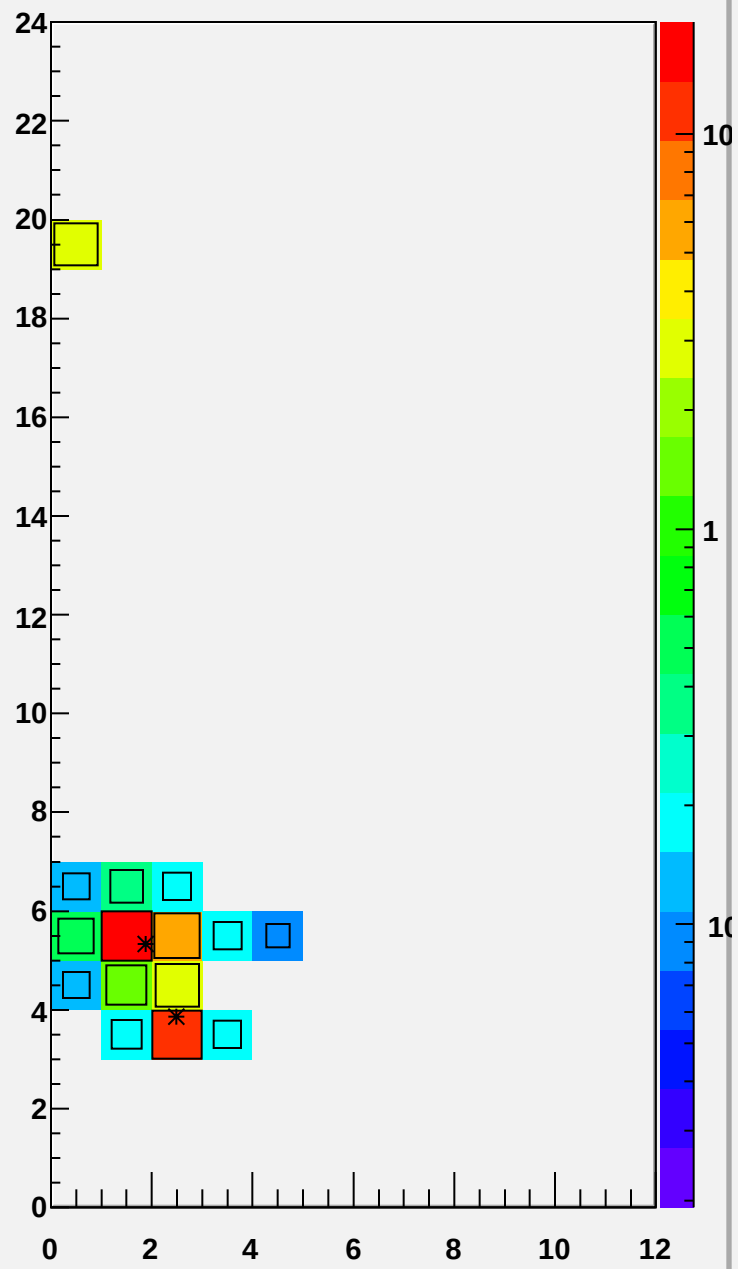
Fitted Energies



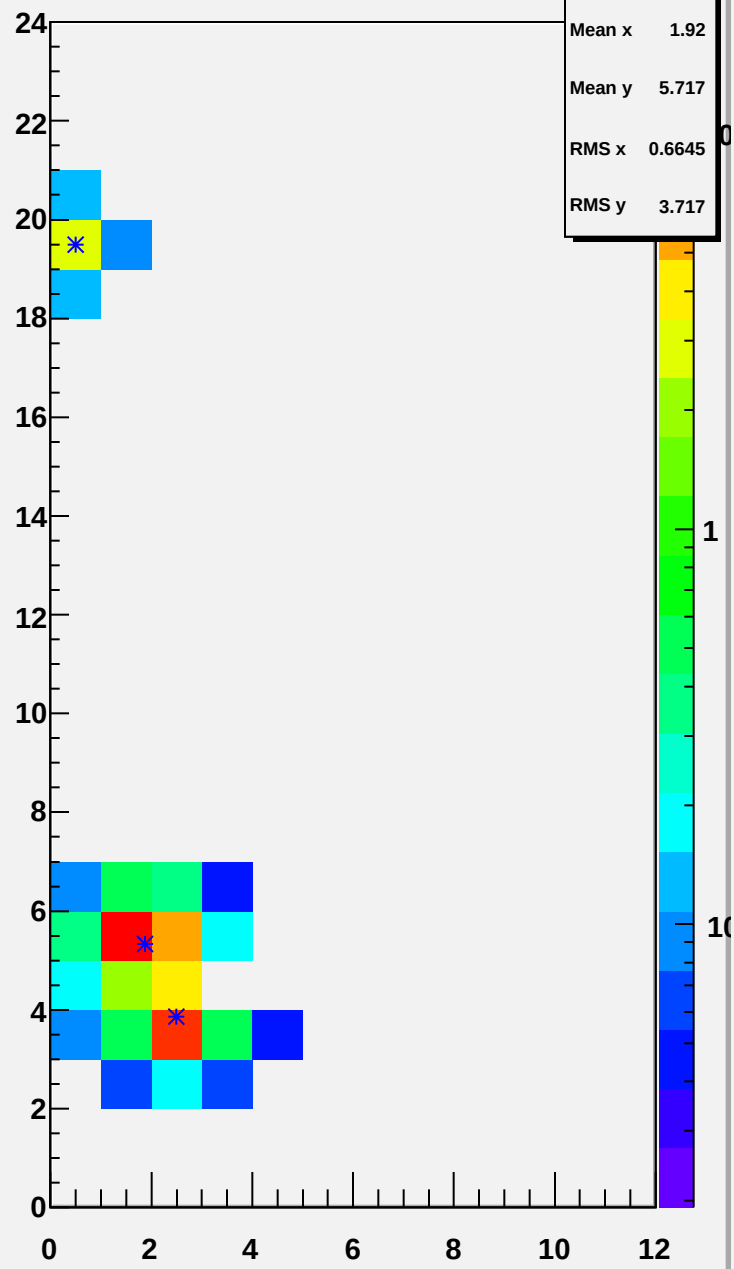
Efit

Entries	288
Mean x	2.296
Mean y	3.853
RMS x	0.5349
RMS y	0.8345

NSTB3_r4_c3_En=47.5_m0=0.200 m1=0.200 index=359



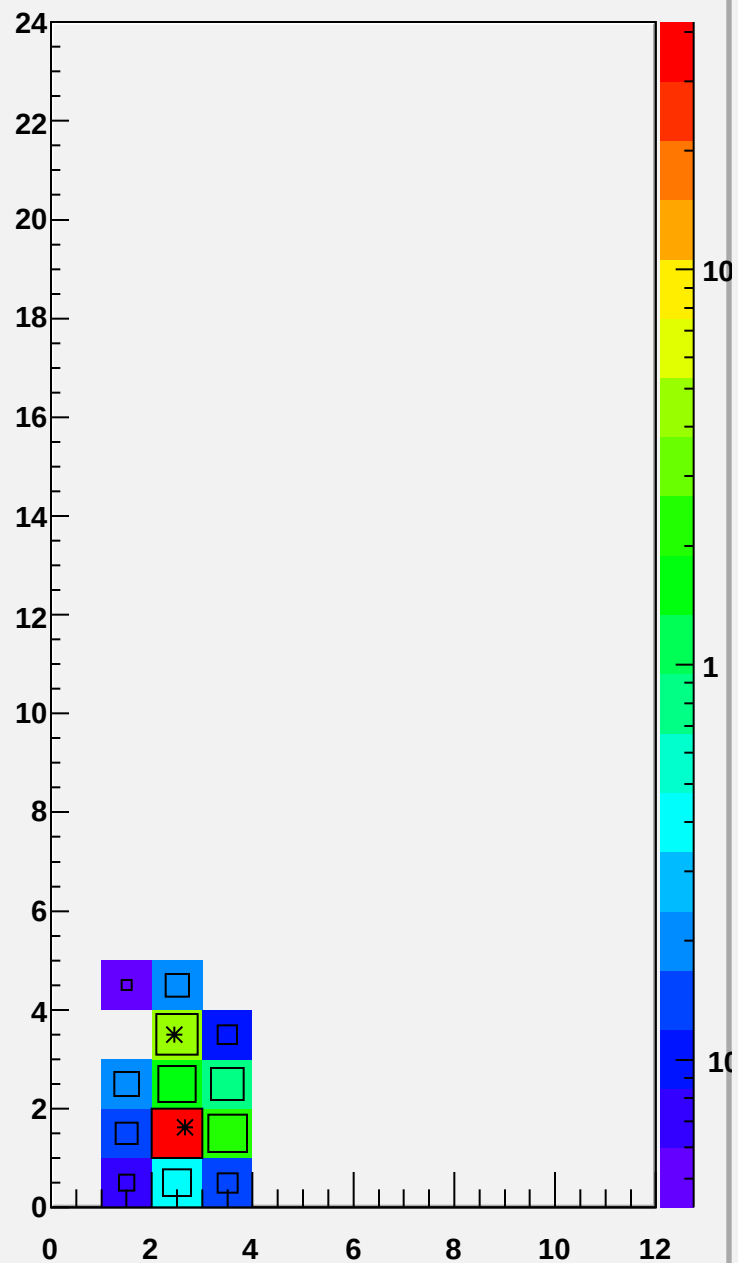
Fitted Energies



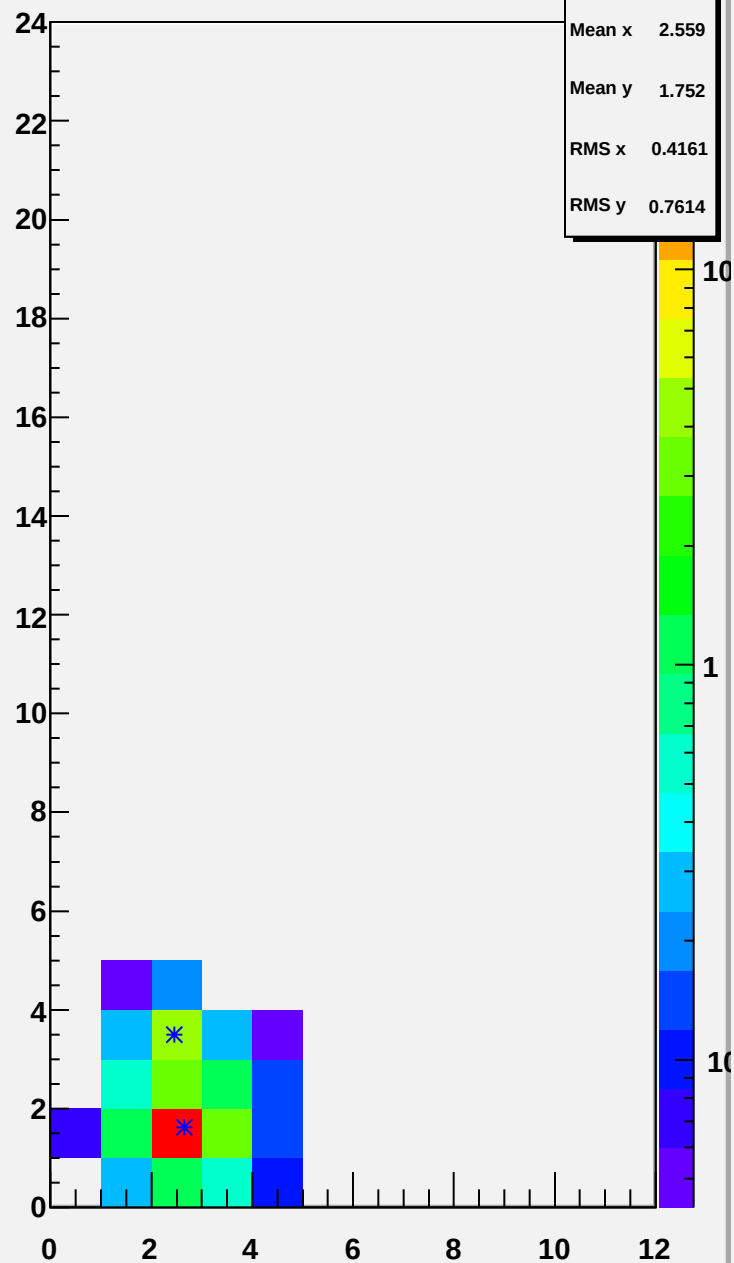
Efit

Entries	288
Mean x	1.92
Mean y	5.717
RMS x	0.6645
RMS y	3.717

NSTB3_r4_c3_En=53.6_m0=0.179 m1=0.179 index=360



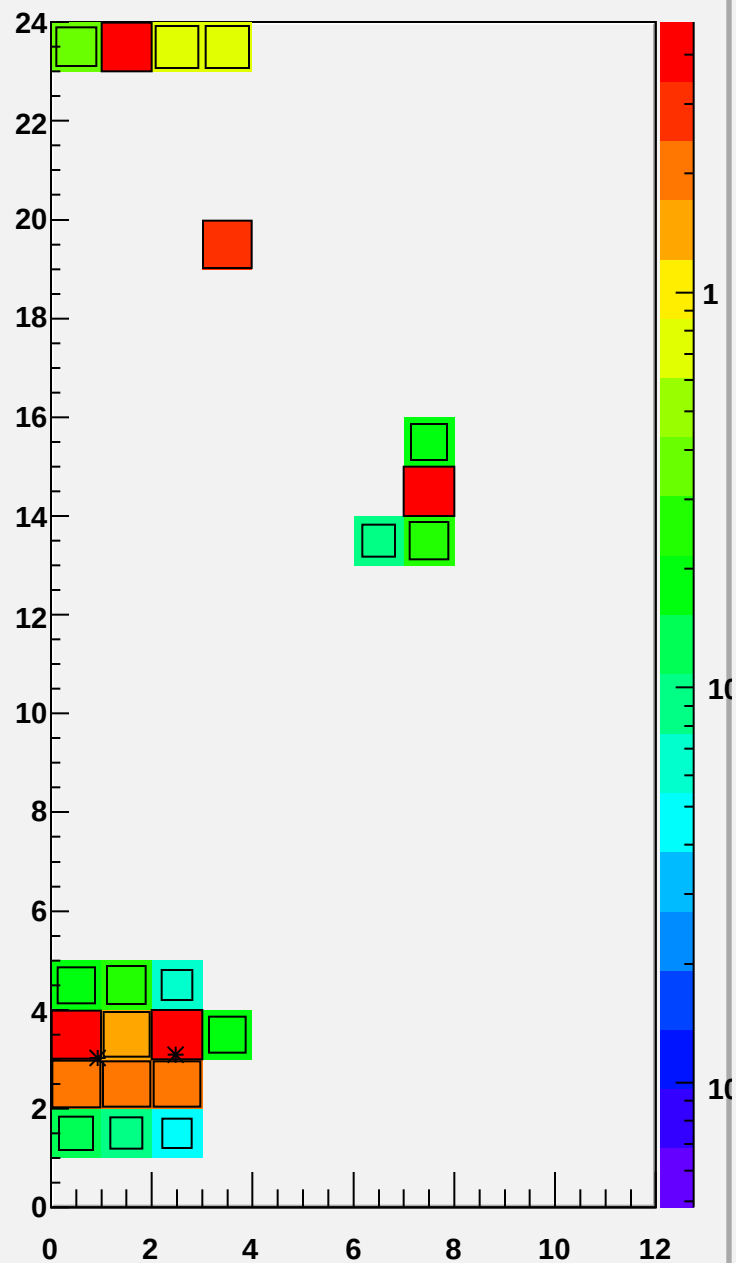
Fitted Energies



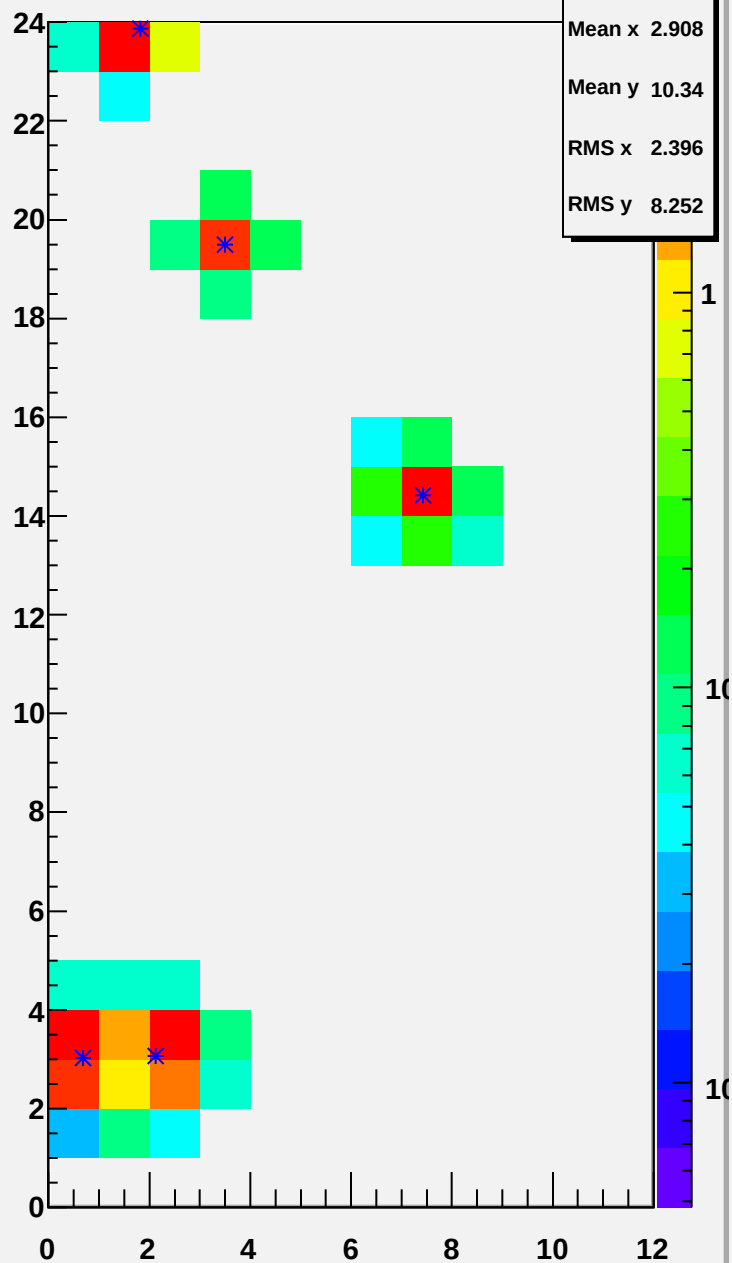
Efit

Entries	288
Mean x	2.559
Mean y	1.752
RMS x	0.4161
RMS y	0.7614

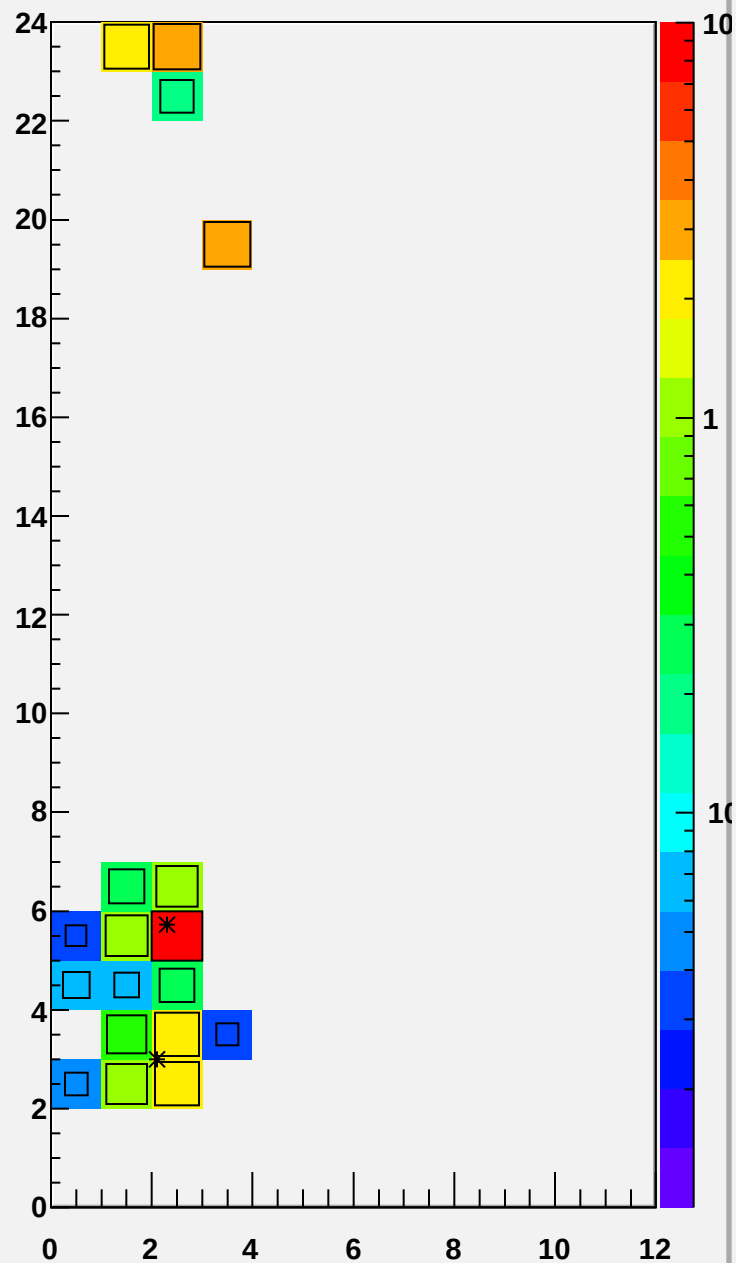
NSTB3_r4_c3_En=30.9_m0=0.071_m1=0.065_index=361



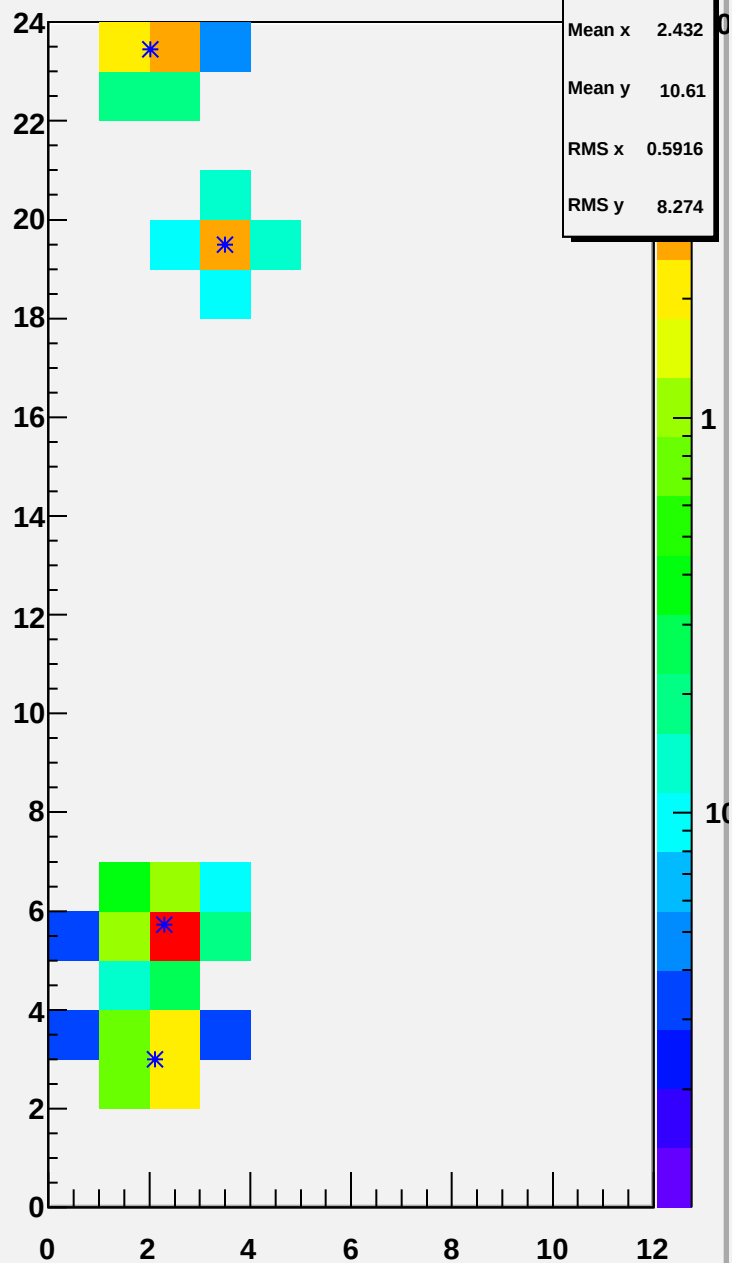
Fitted Energies



NSTB3_r4_c3_En=27.7_m0=0.135 m1=0.135 index=362



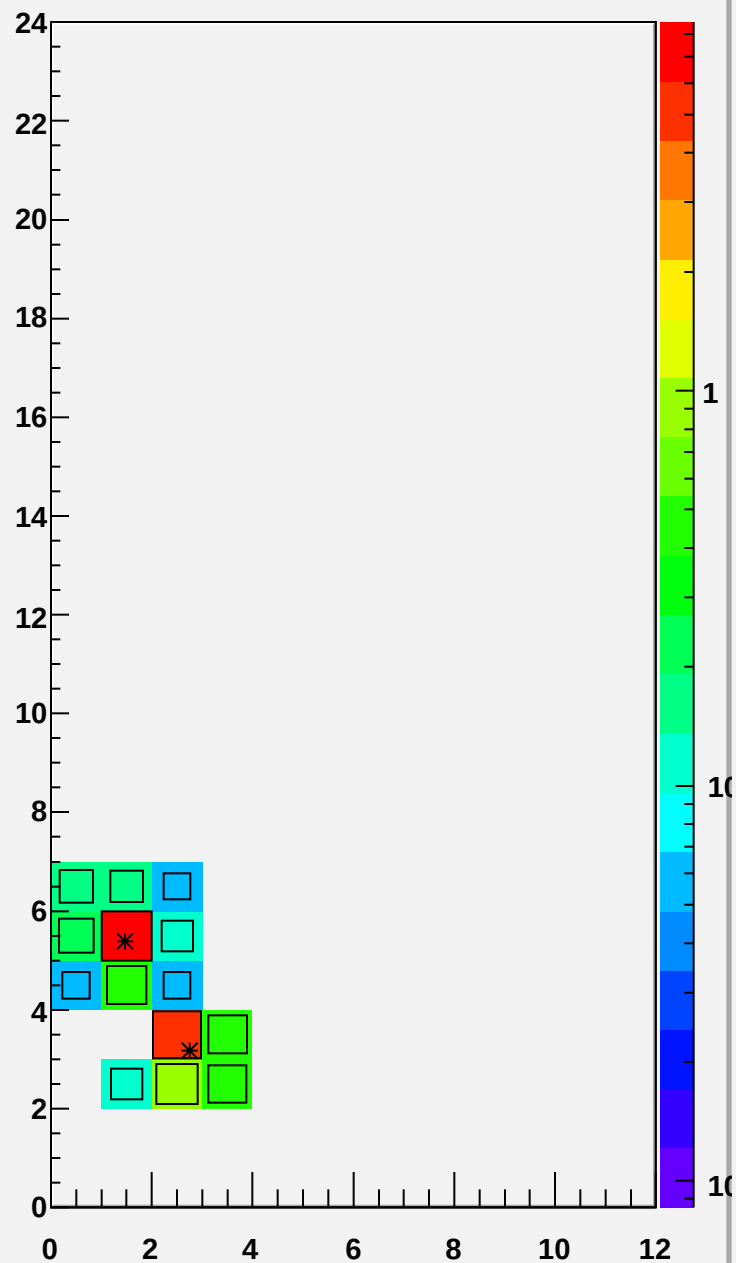
Fitted Energies



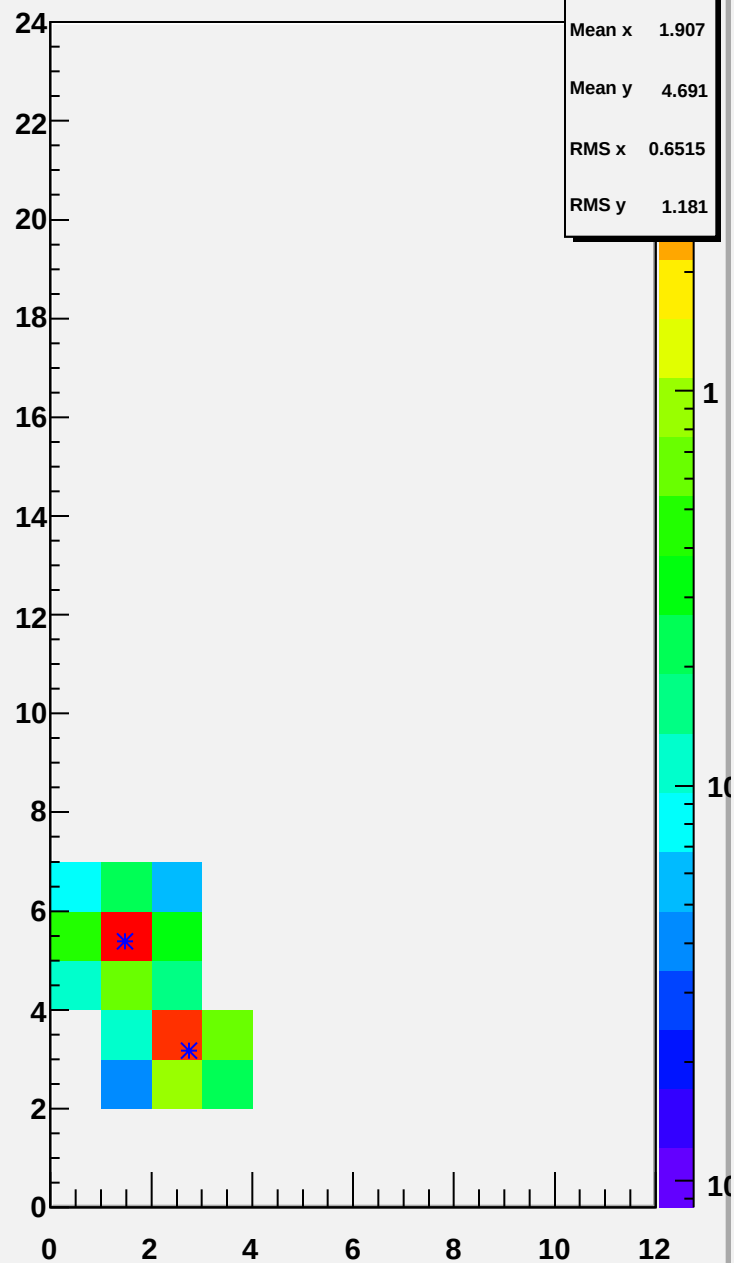
Efit

Entries	288
Mean x	2.432
Mean y	10.61
RMS x	0.5916
RMS y	8.274

NSTB3_r4_c3_En=16.3_m0=0.116 m1=0.116 index=364



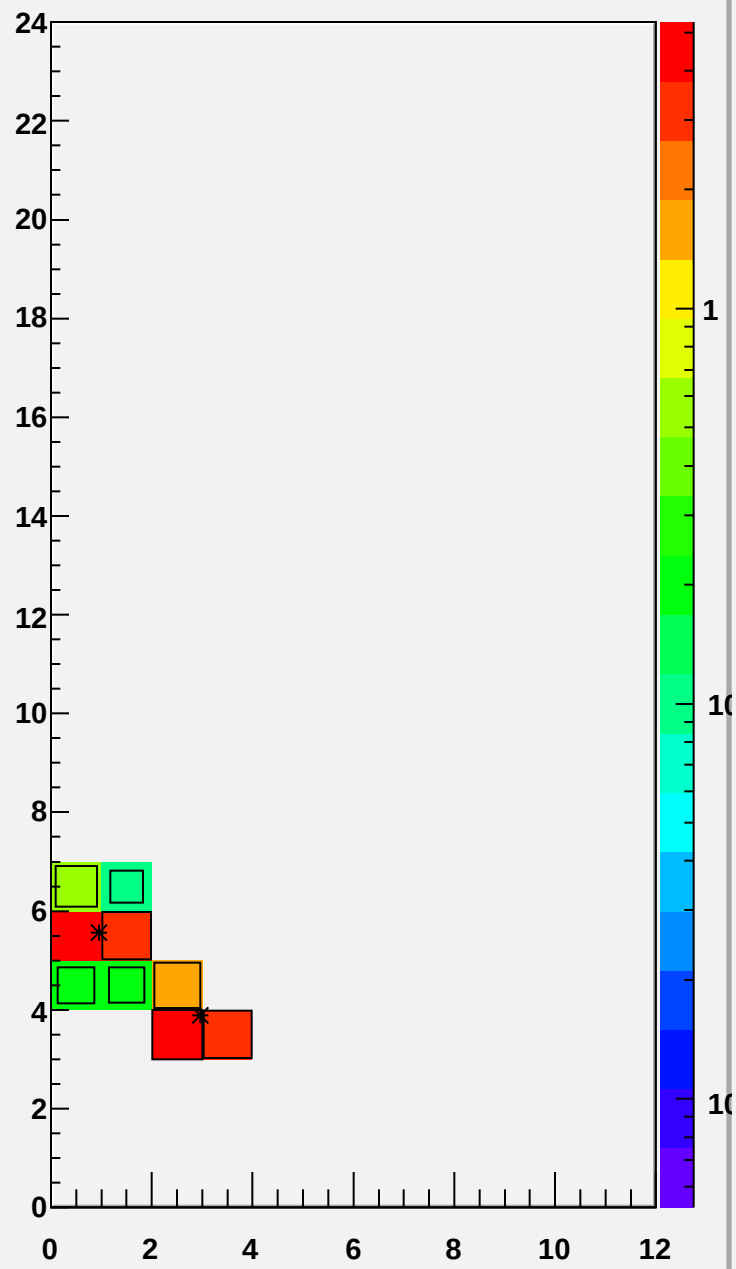
Fitted Energies



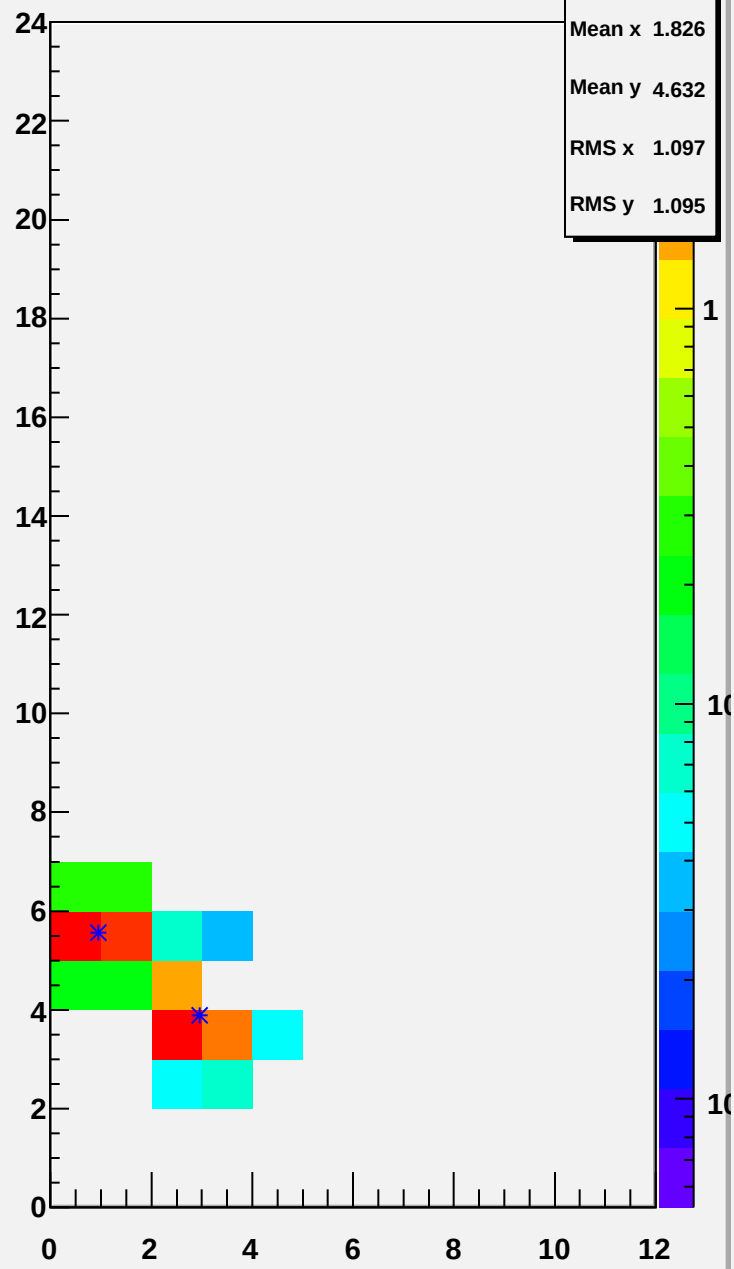
Efit

Entries	288
Mean x	1.907
Mean y	4.691
RMS x	0.6515
RMS y	1.181

NSTB3_r4_c3_En=18.4_m0=0.139 m1=0.139 index=365



Fitted Energies



Efit

Entries 288

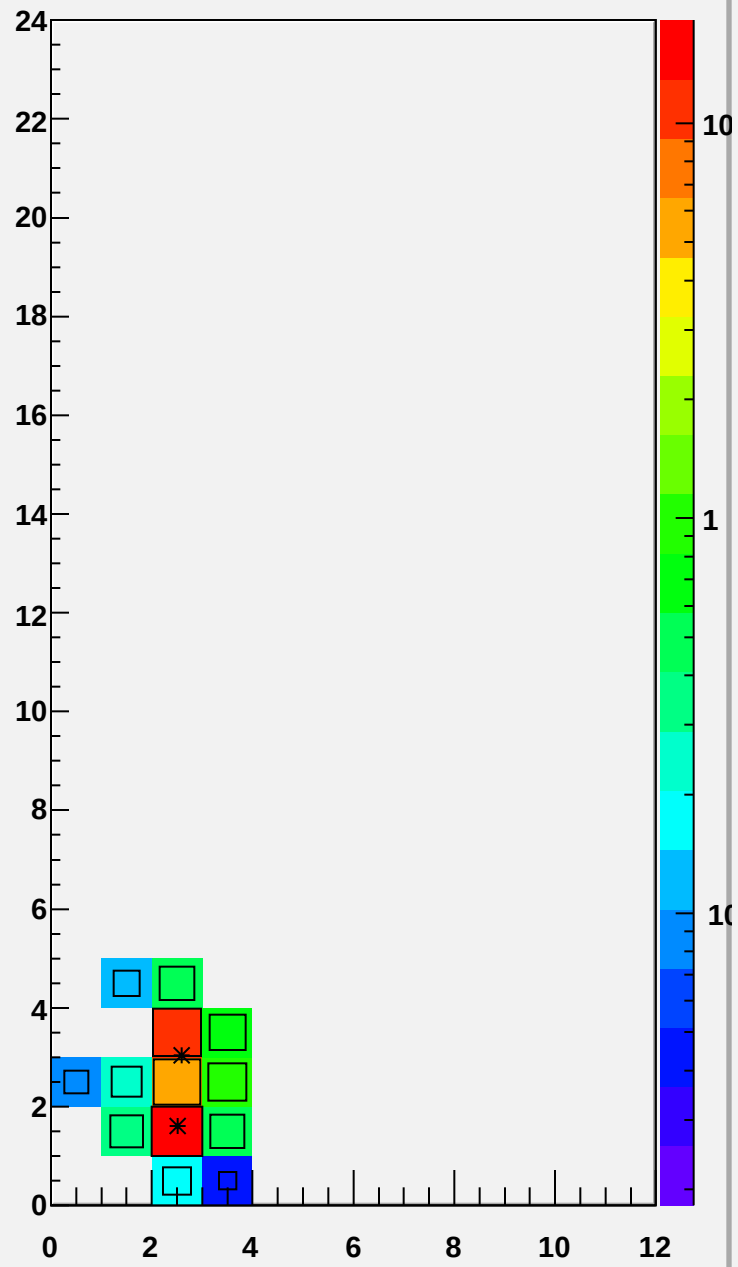
Mean x 1.826

Mean y 4.632

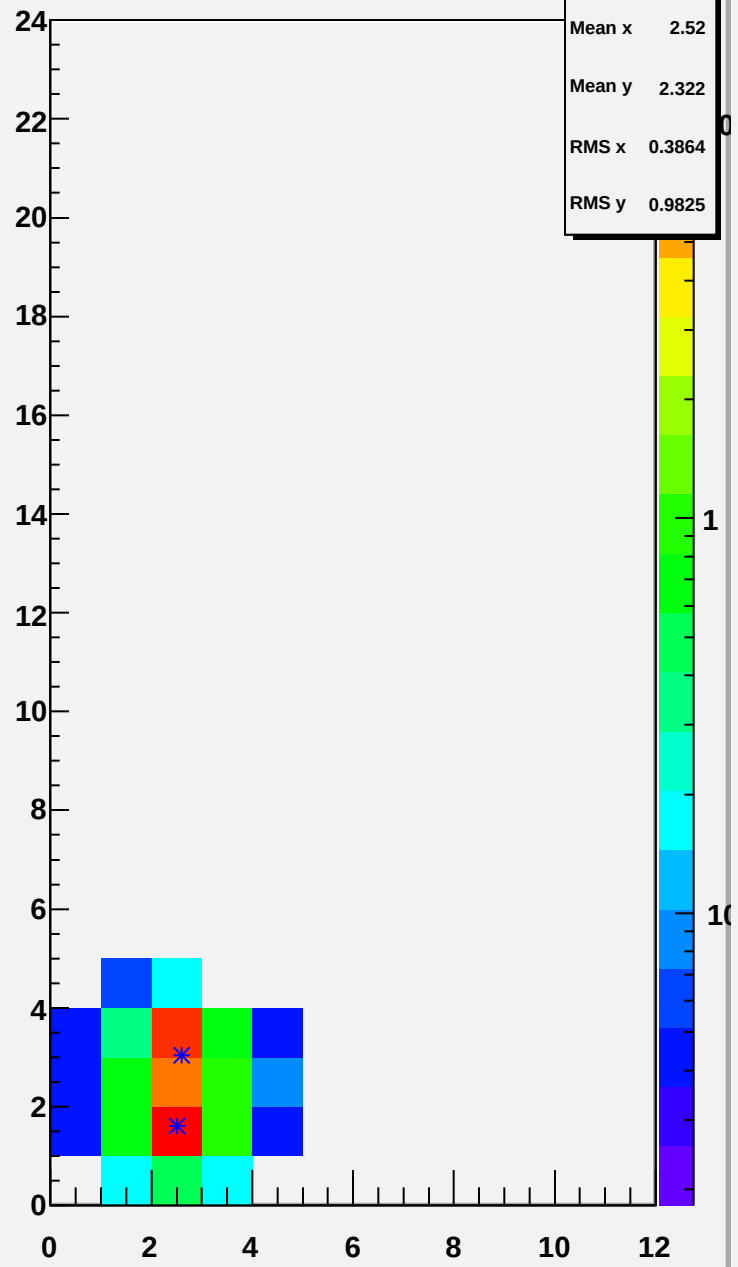
RMS x 1.097

RMS y 1.095

NSTB3_r4_c3_En=39.0_m0=0.167 m1=0.167 index=366



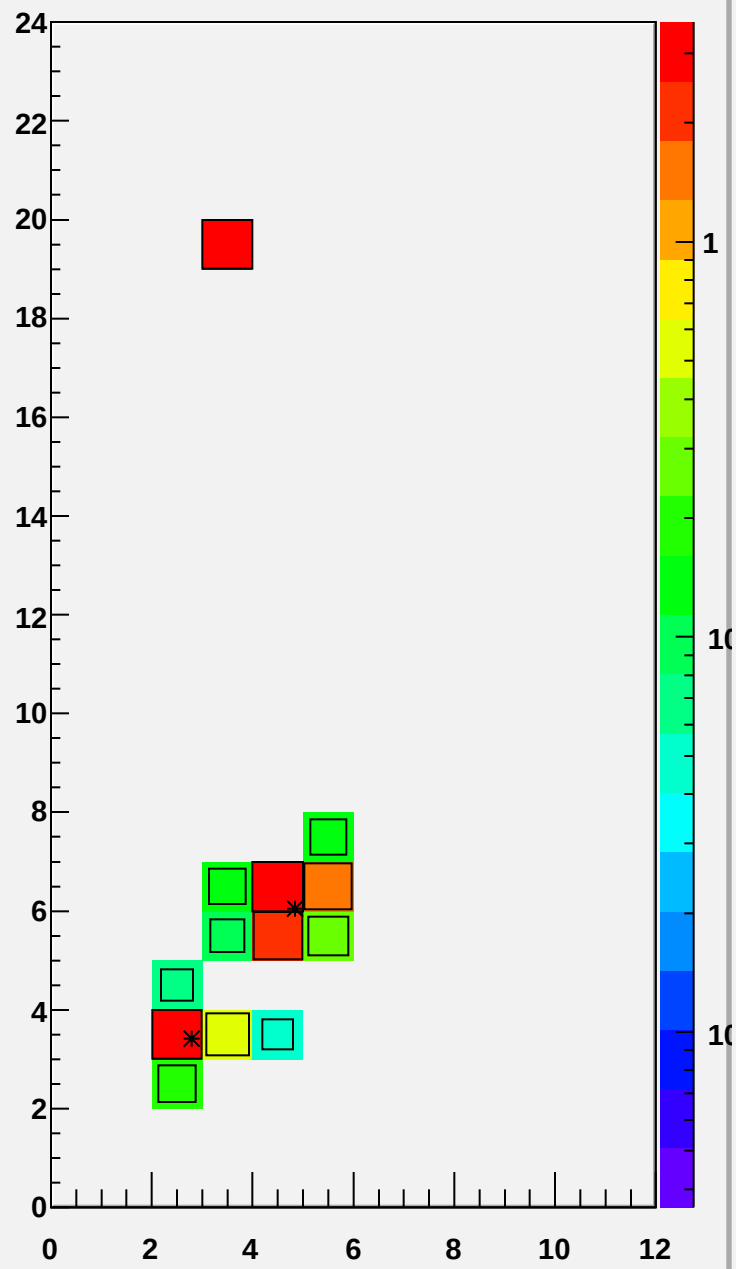
Fitted Energies



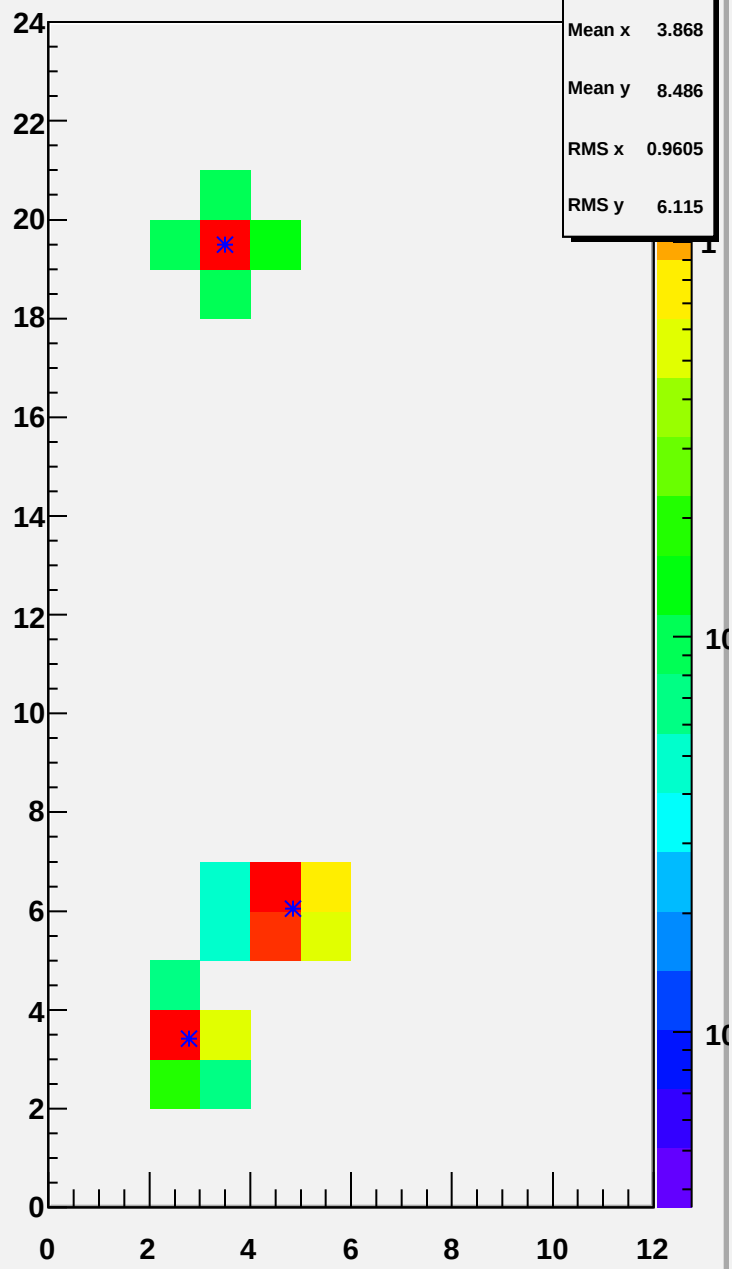
Efit

Entries	288
Mean x	2.52
Mean y	2.322
RMS x	0.3864
RMS y	0.9825

NSTB3_r4_c3_En=15.0_m0=0.103_m1=0.103_index=368



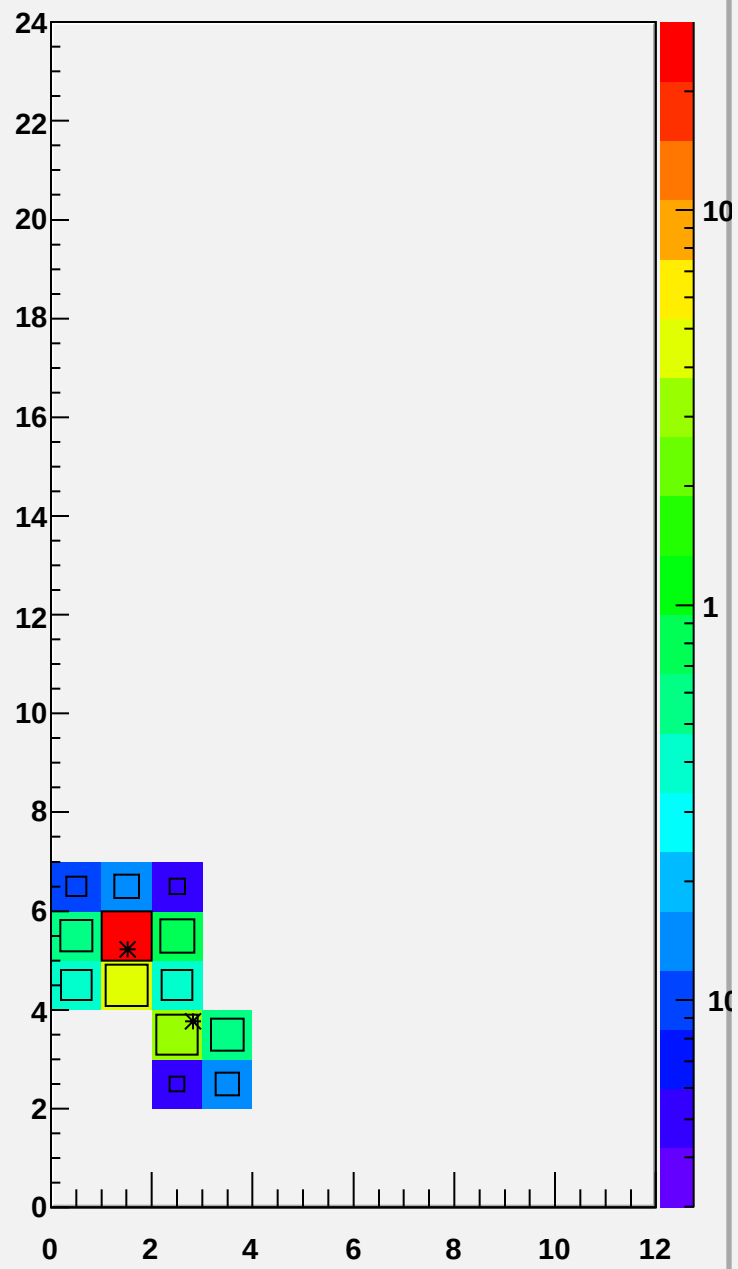
Fitted Energies



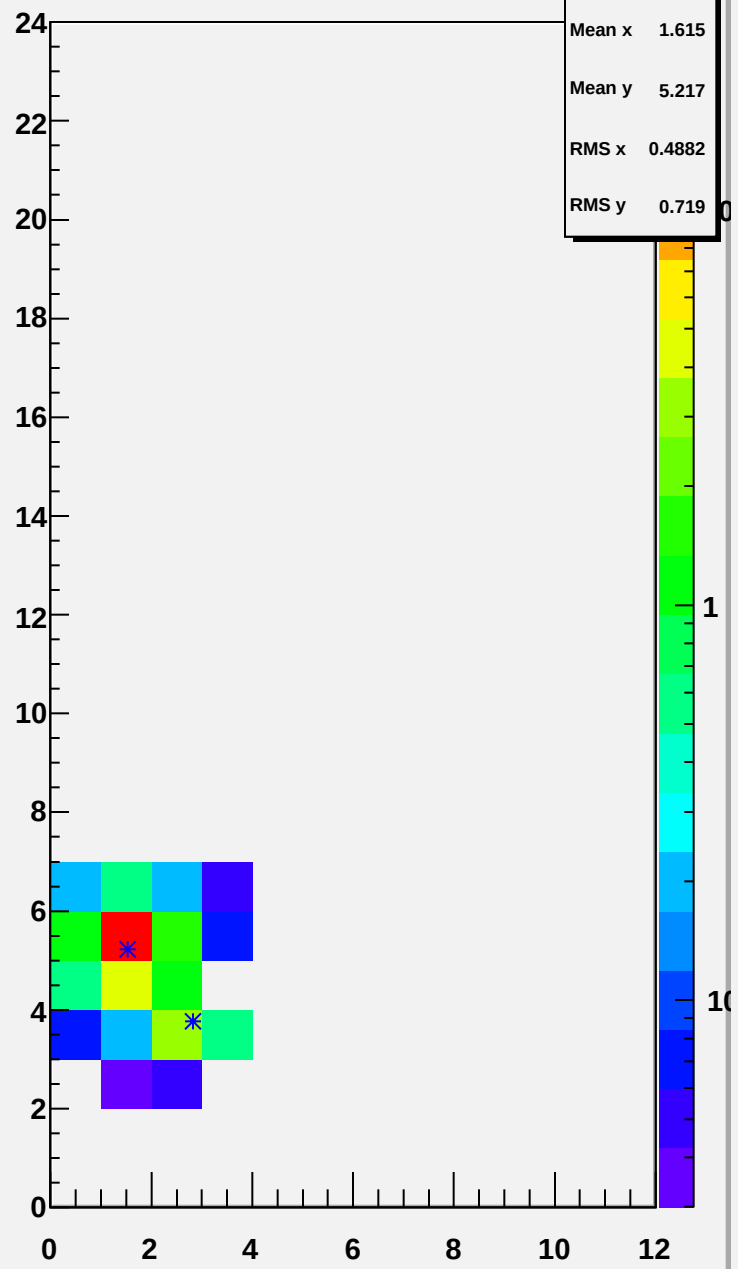
Efit

Entries	288
Mean x	3.868
Mean y	8.486
RMS x	0.9605
RMS y	6.115

NSTB3_r4_c3_En=39.7_m0=0.135 m1=0.135 index=369



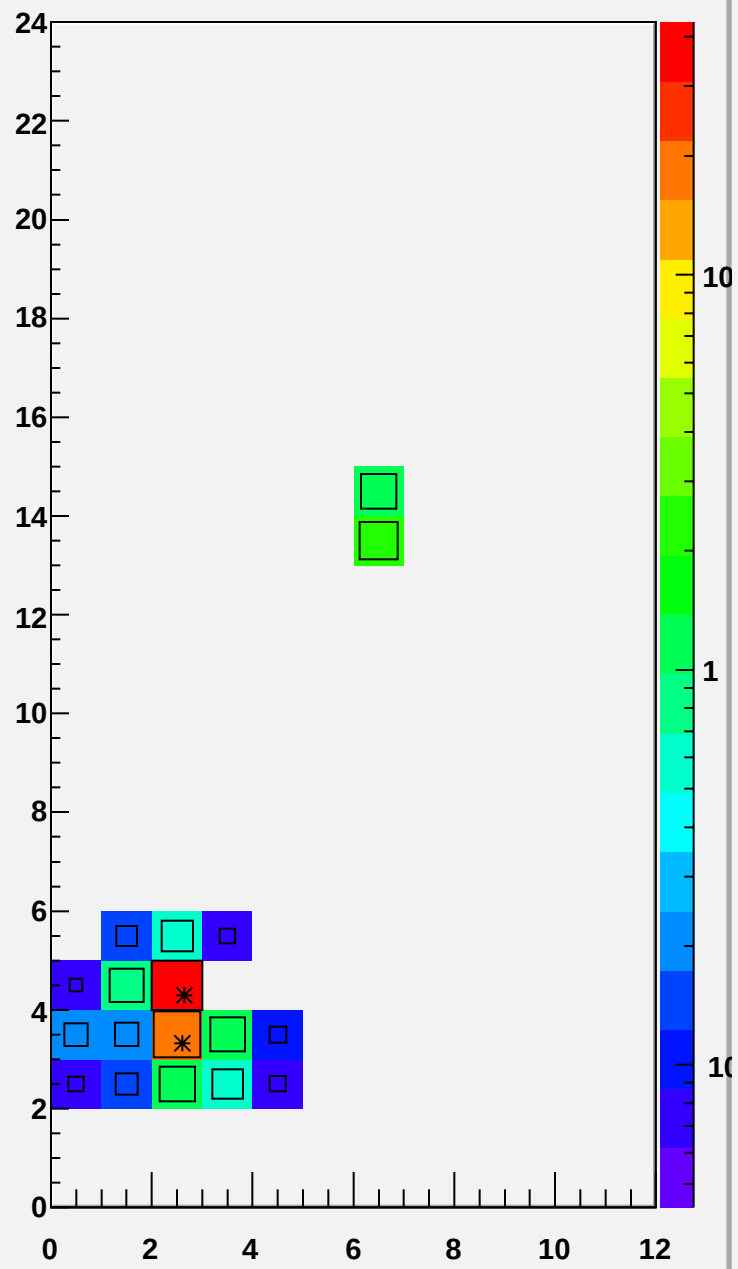
Fitted Energies



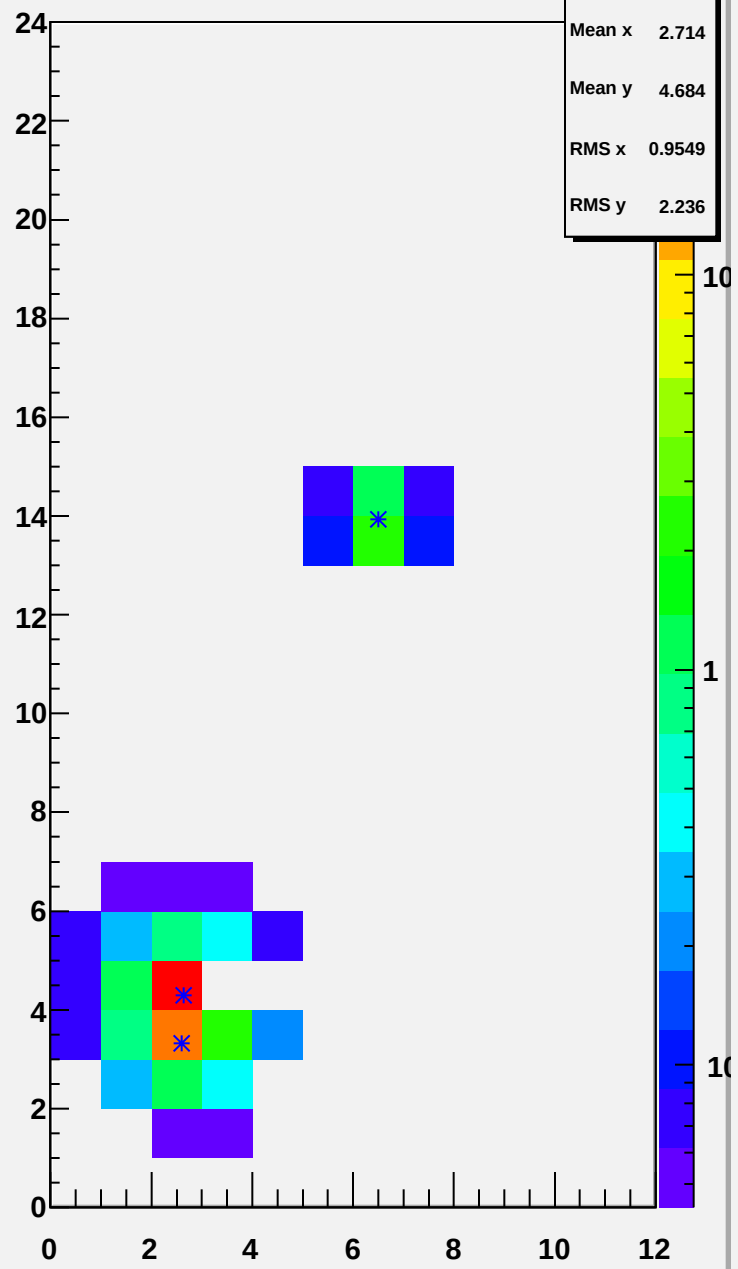
Efit

Entries	288
Mean x	1.615
Mean y	5.217
RMS x	0.4882
RMS y	0.719

NSTB3_r4_c3_En=70.7_m0=0.158 m1=0.159 index=370



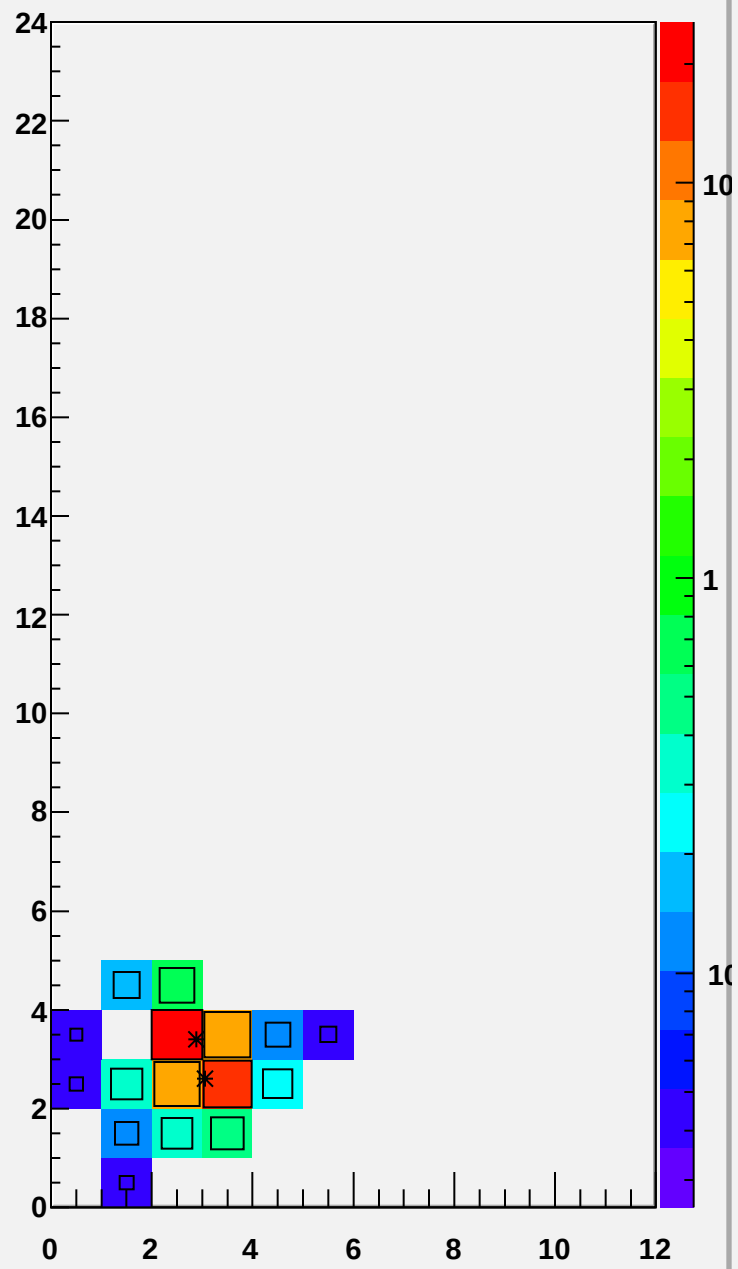
Fitted Energies



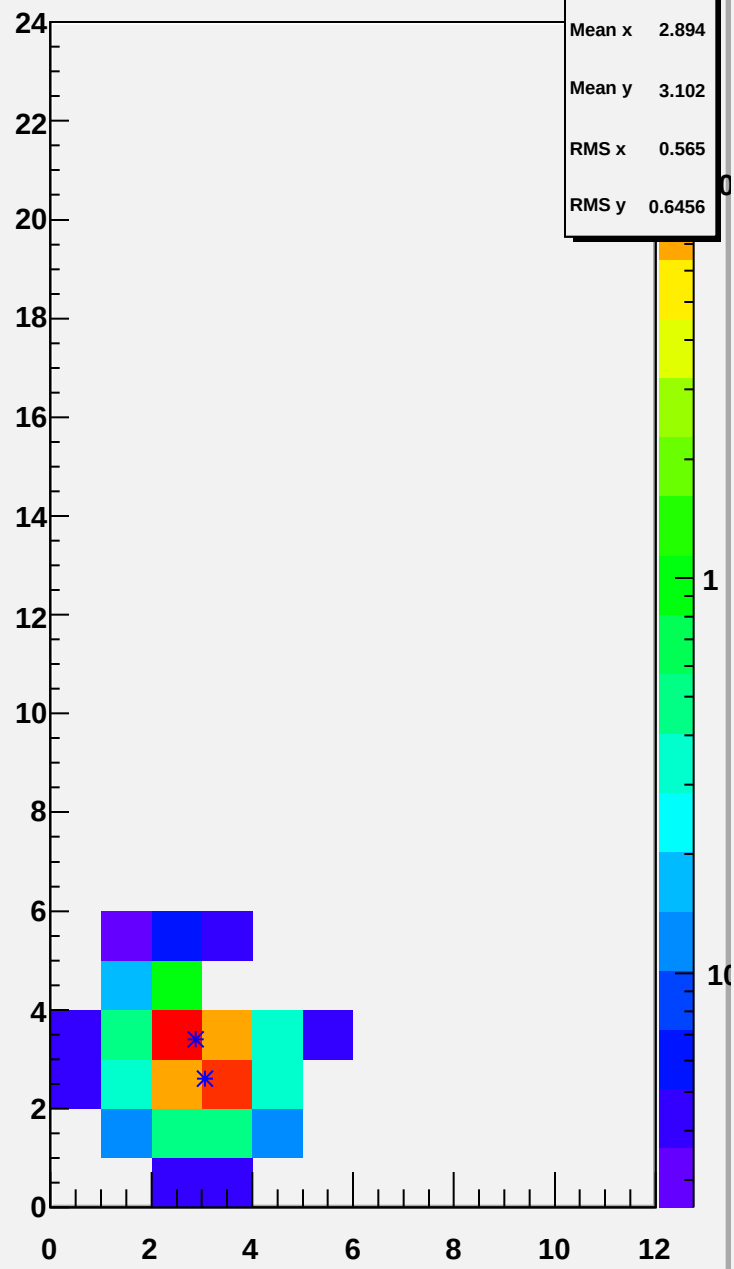
Efit

Entries	288
Mean x	2.714
Mean y	4.684
RMS x	0.9549
RMS y	2.236

NSTB3_r4_c3_En=56.7_m0=0.135_m1=0.135_index=371



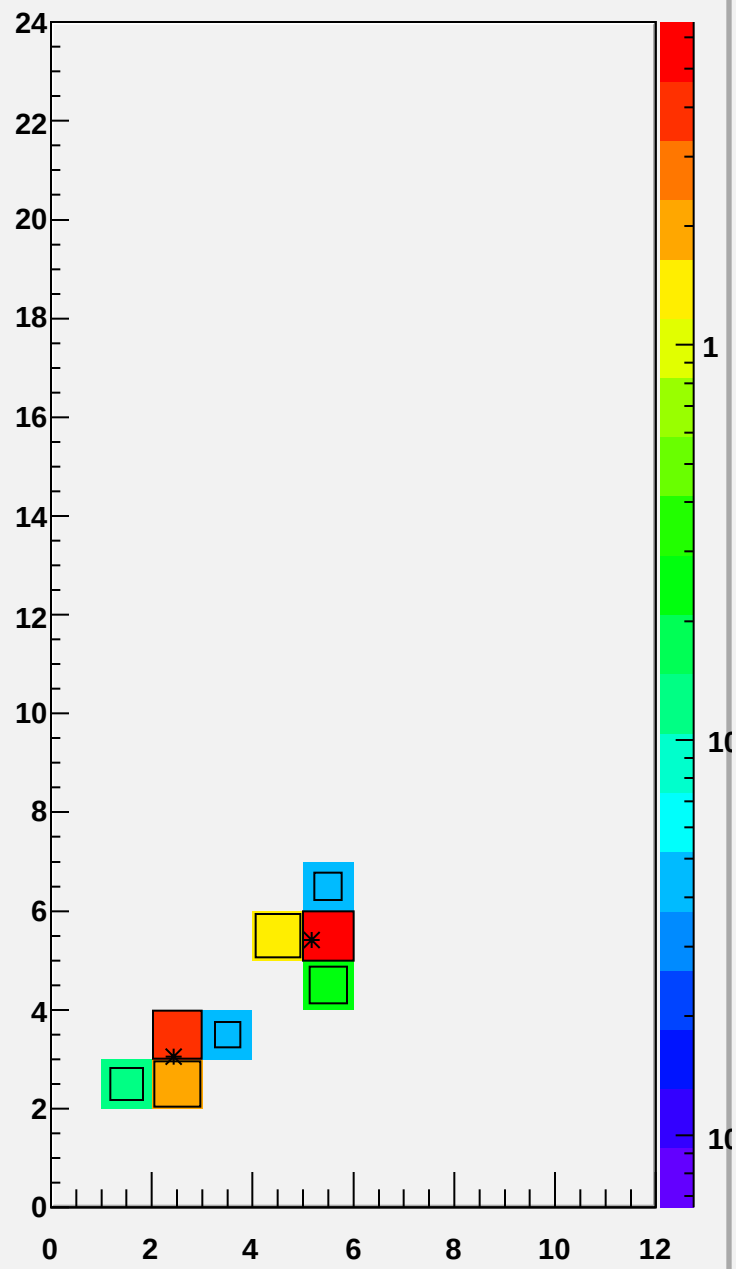
Fitted Energies



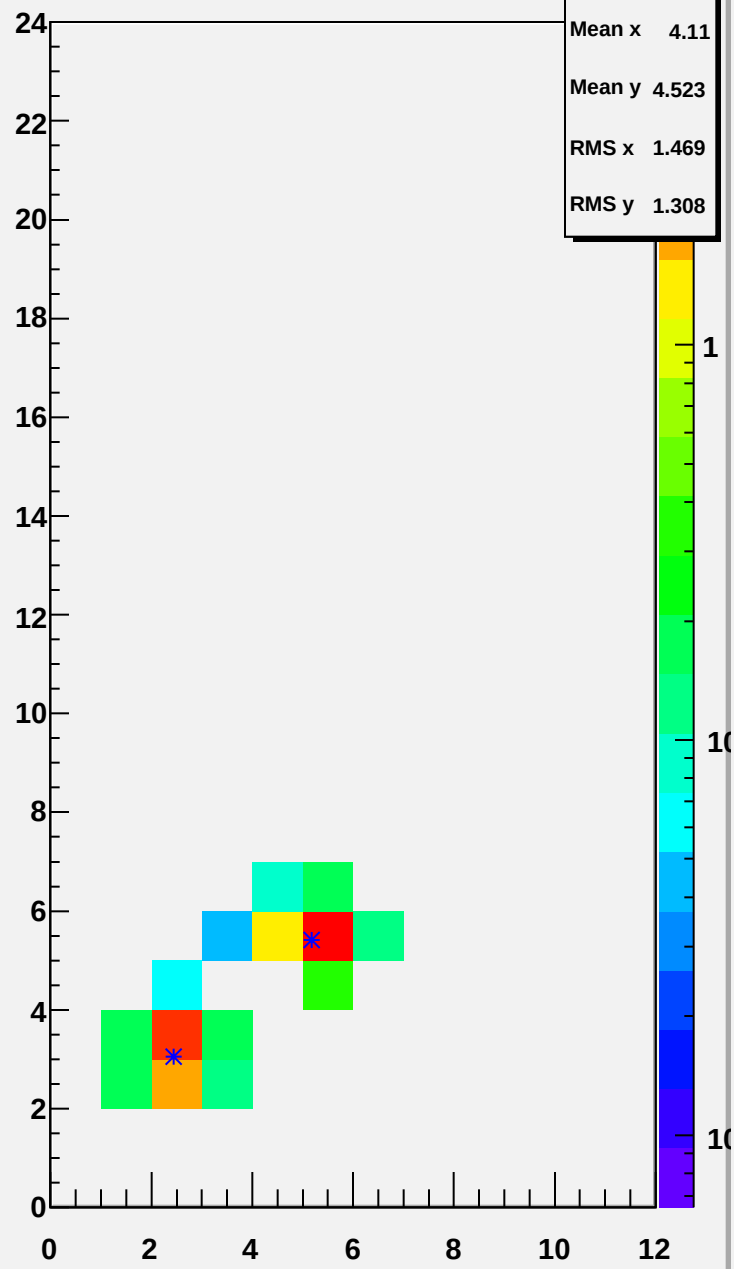
Efit

Entries	288
Mean x	2.894
Mean y	3.102
RMS x	0.565
RMS y	0.6456

NSTB3_r4_c3_En=14.4_m0=0.155 m1=0.155 index=372



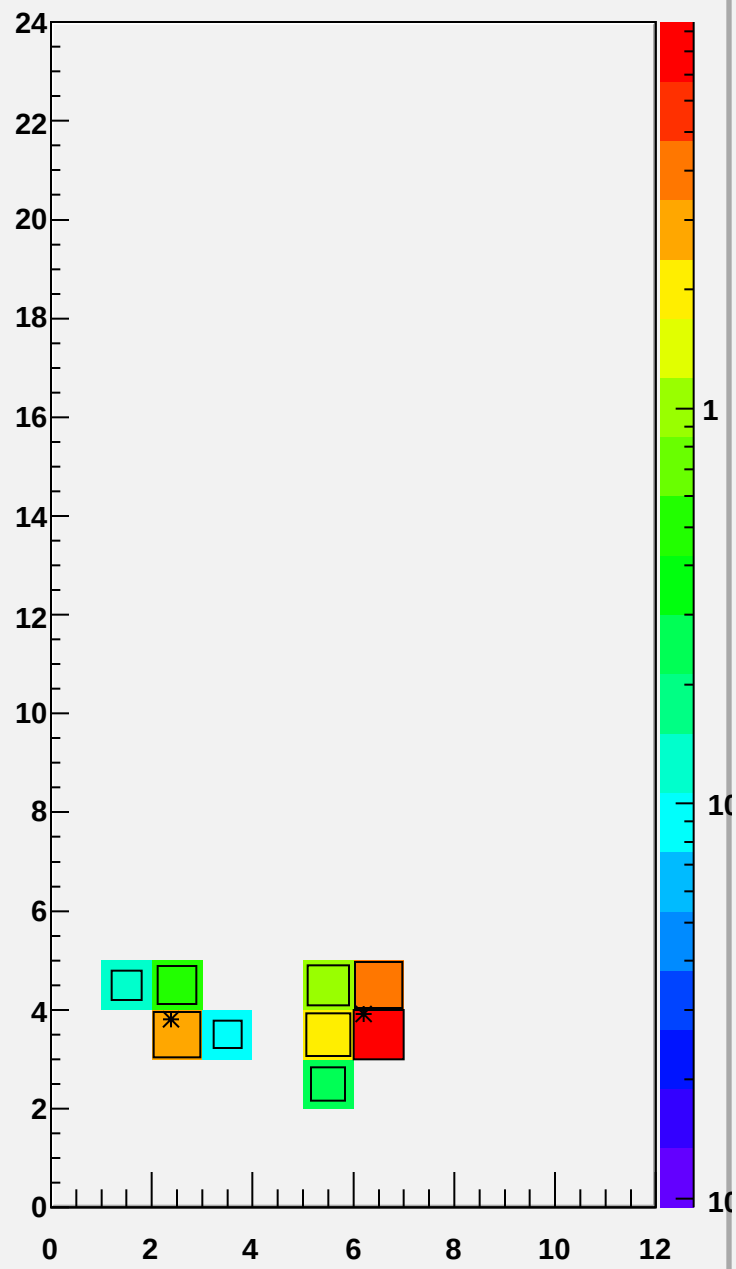
Fitted Energies



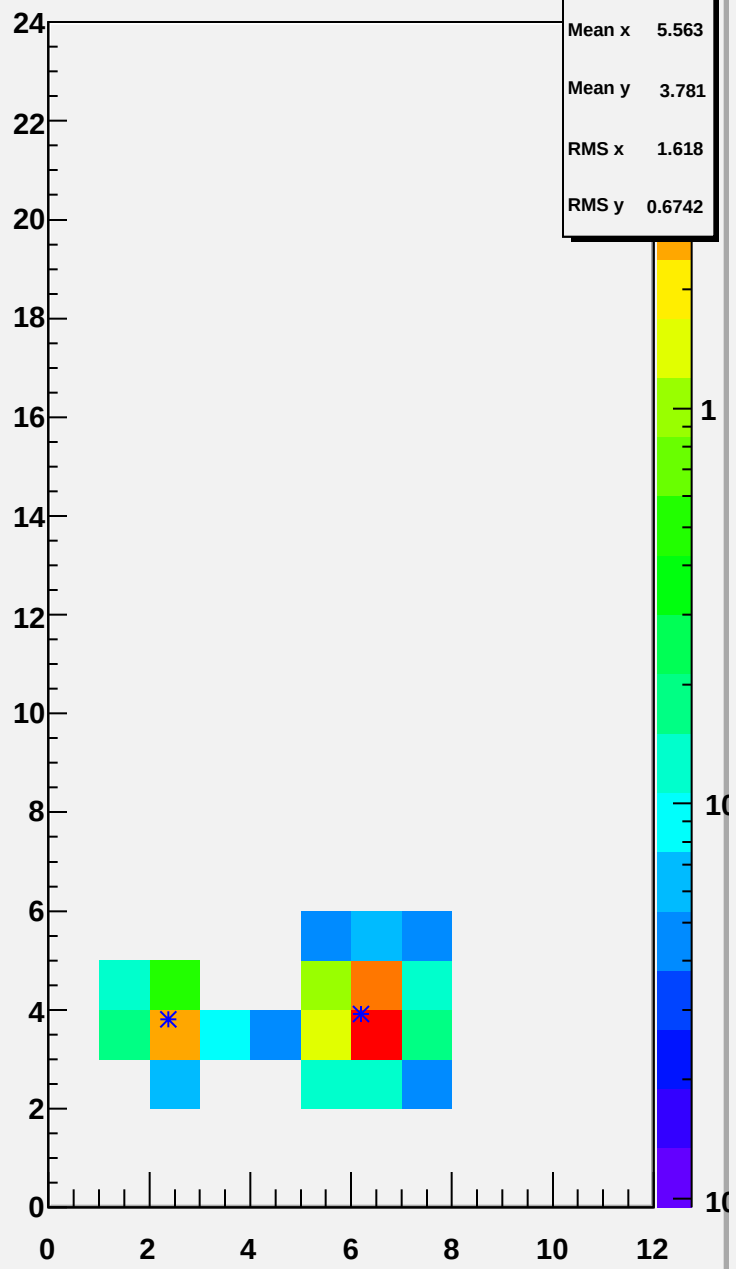
Efit

Entries	288
Mean x	4.11
Mean y	4.523
RMS x	1.469
RMS y	1.308

NSTB3_r4_c3_En=20.1_m0=0.179 m1=0.179 index=374



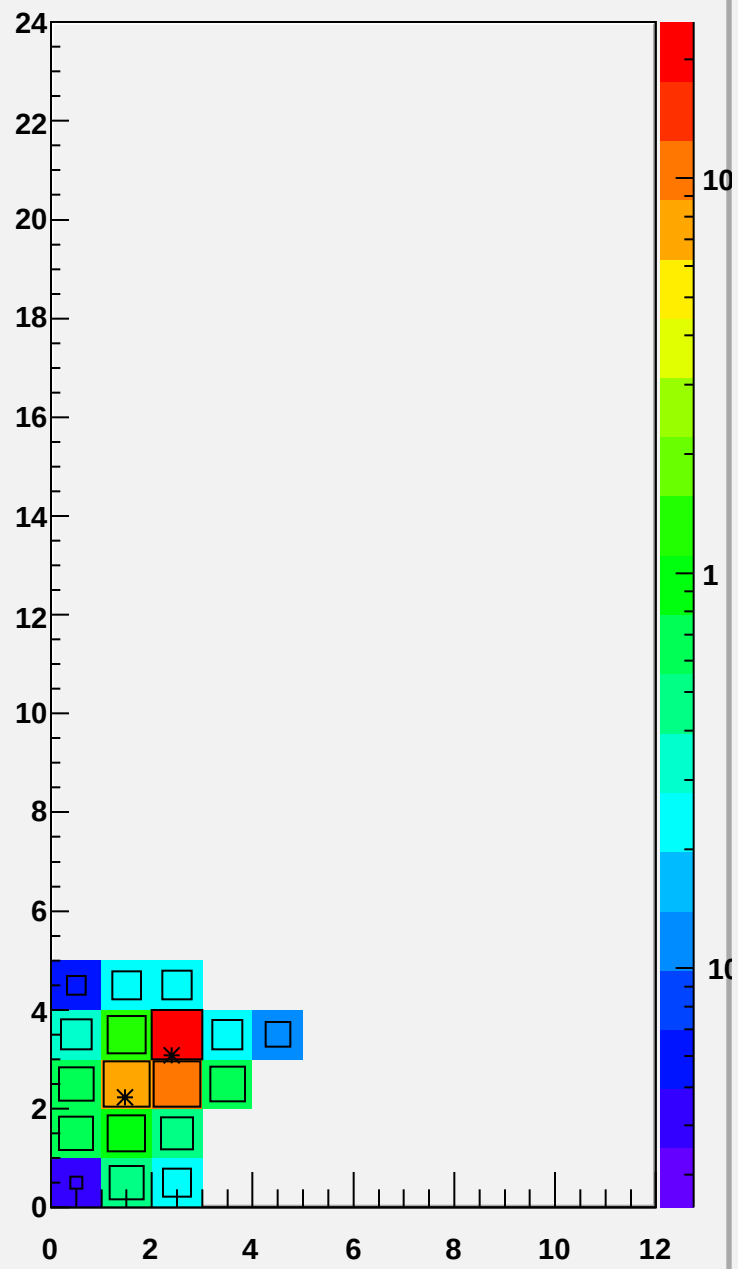
Fitted Energies



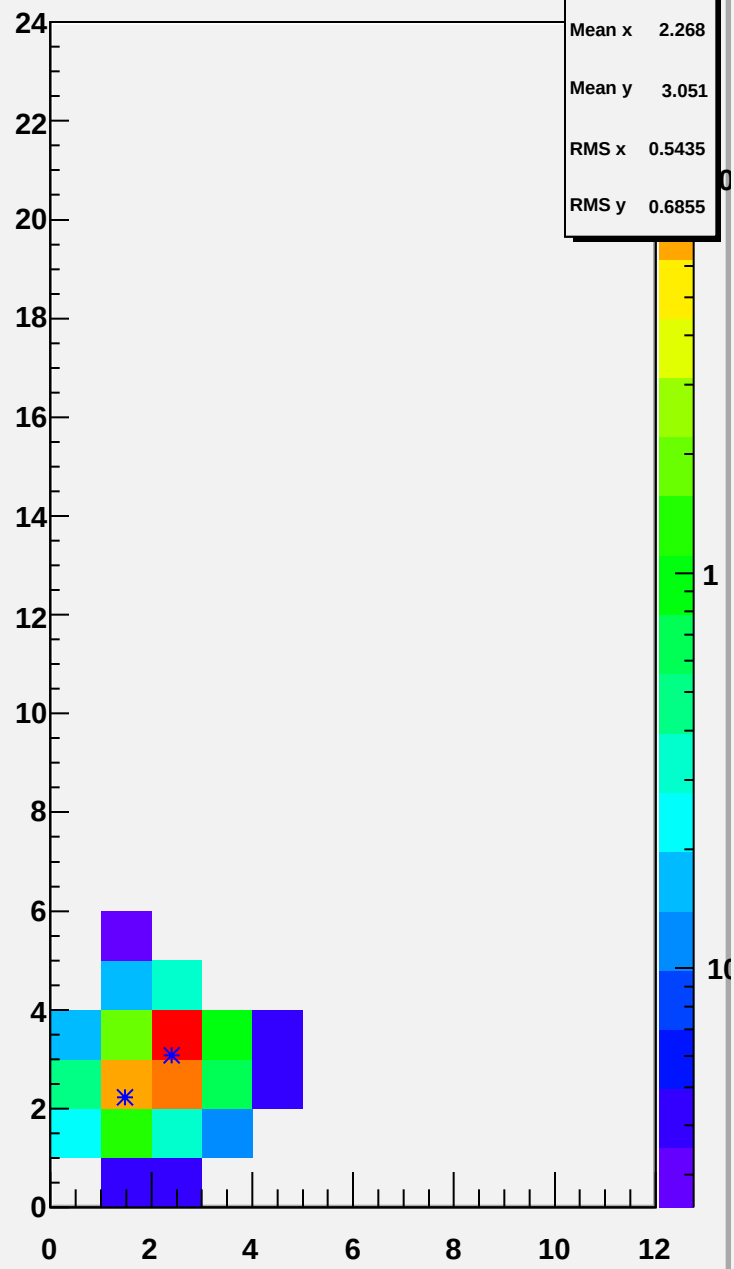
Efit

Entries	288
Mean x	5.563
Mean y	3.781
RMS x	1.618
RMS y	0.6742

NSTB3_r4_c3_En=49.2_m0=0.133 m1=0.133 index=376



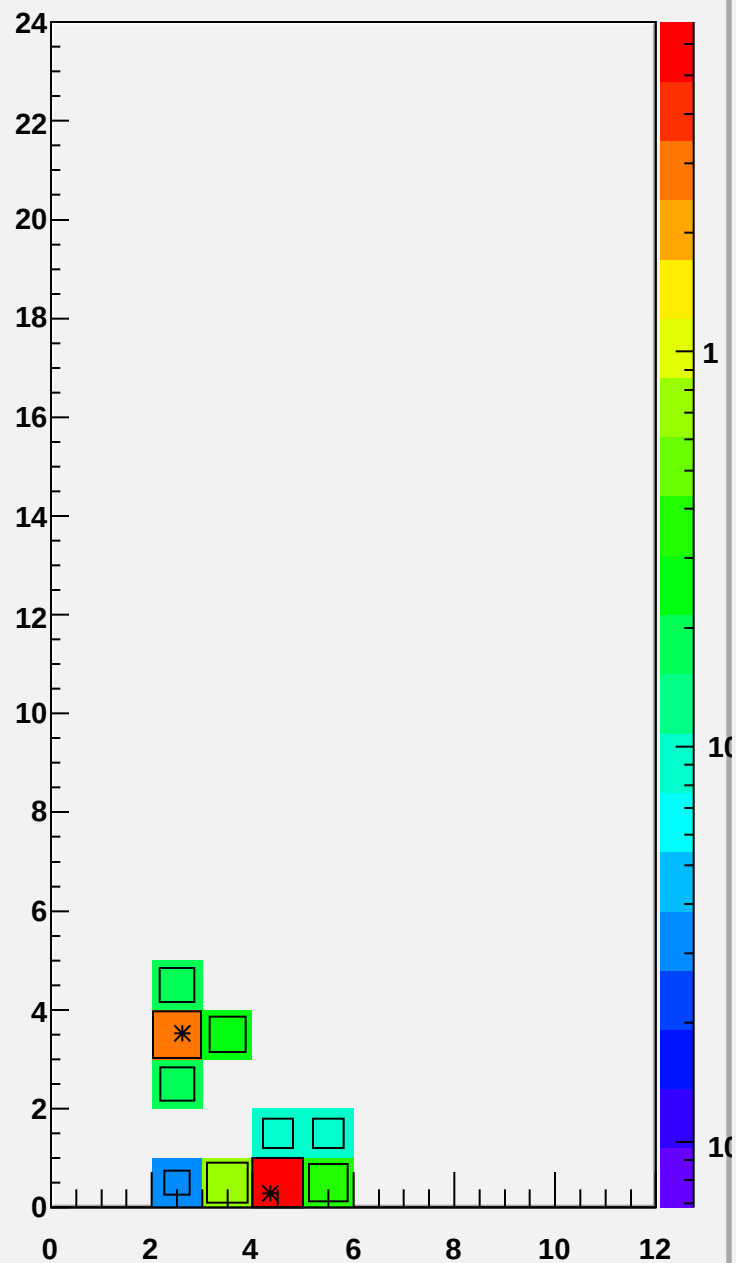
Fitted Energies



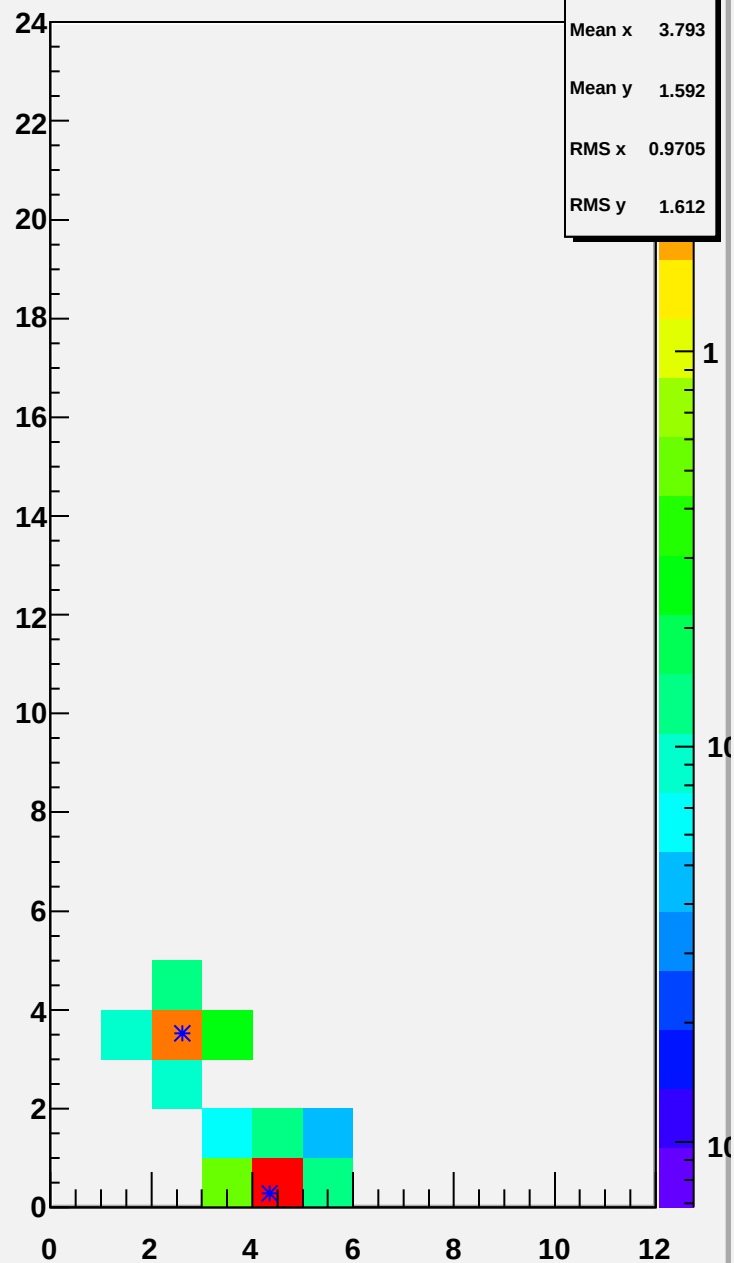
Efit

Entries	288
Mean x	2.268
Mean y	3.051
RMS x	0.5435
RMS y	0.6855

NSTB3_r4_c3_En=12.0_m0=0.123_m1=0.123_index=377



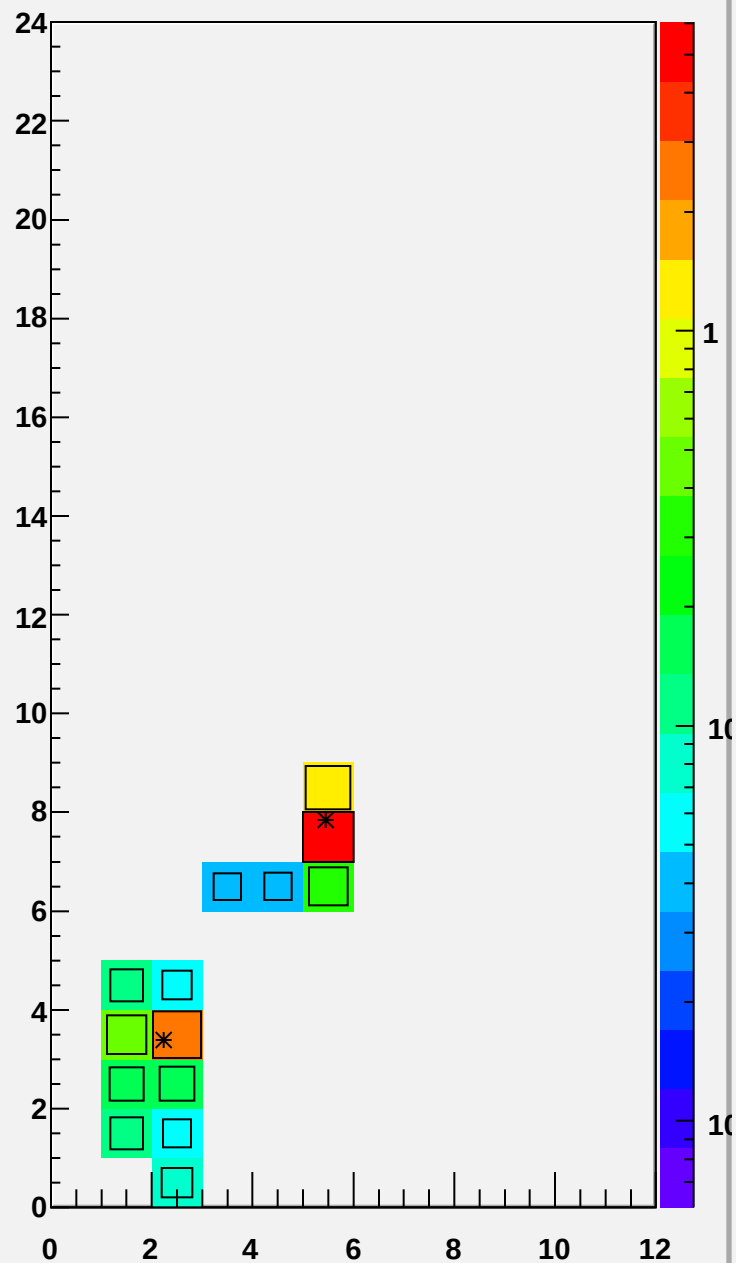
Fitted Energies



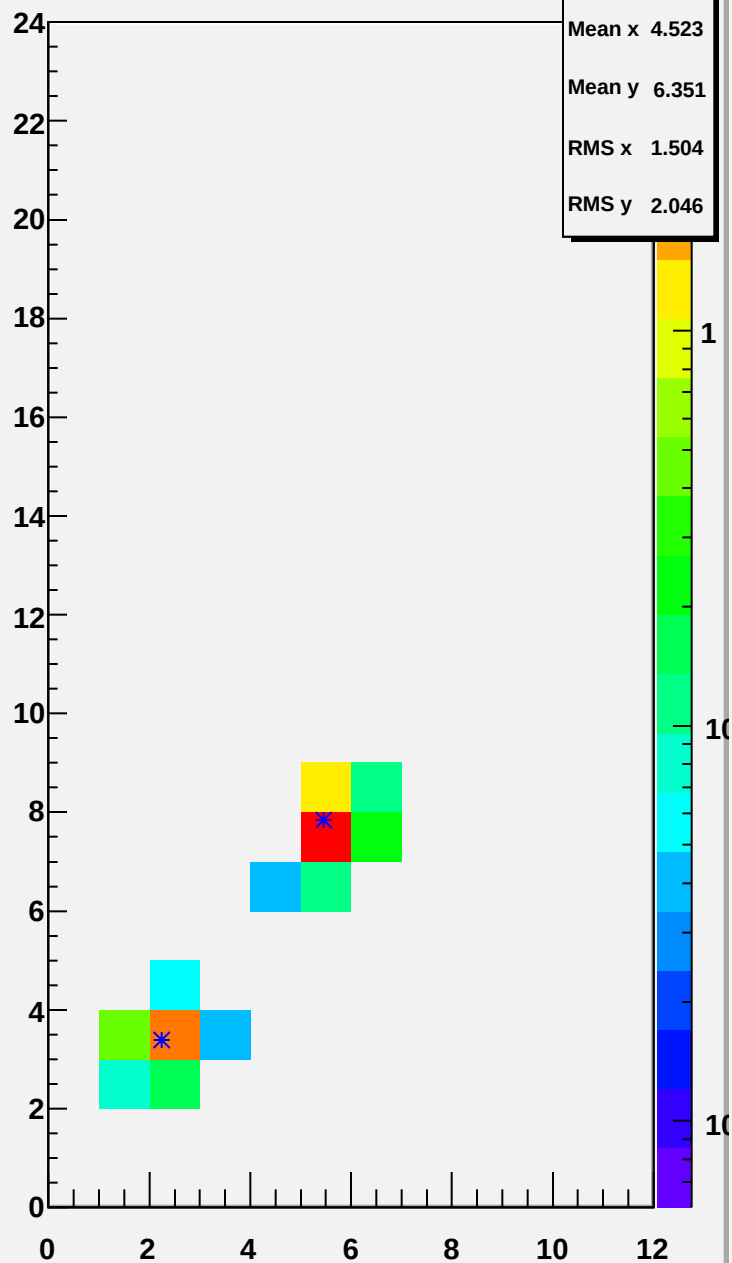
Efit

Entries	288
Mean x	3.793
Mean y	1.592
RMS x	0.9705
RMS y	1.612

NSTB3_r4_c3_En=11.9_m0=0.174 m1=0.174 index=378



Fitted Energies



Efit

Entries 288

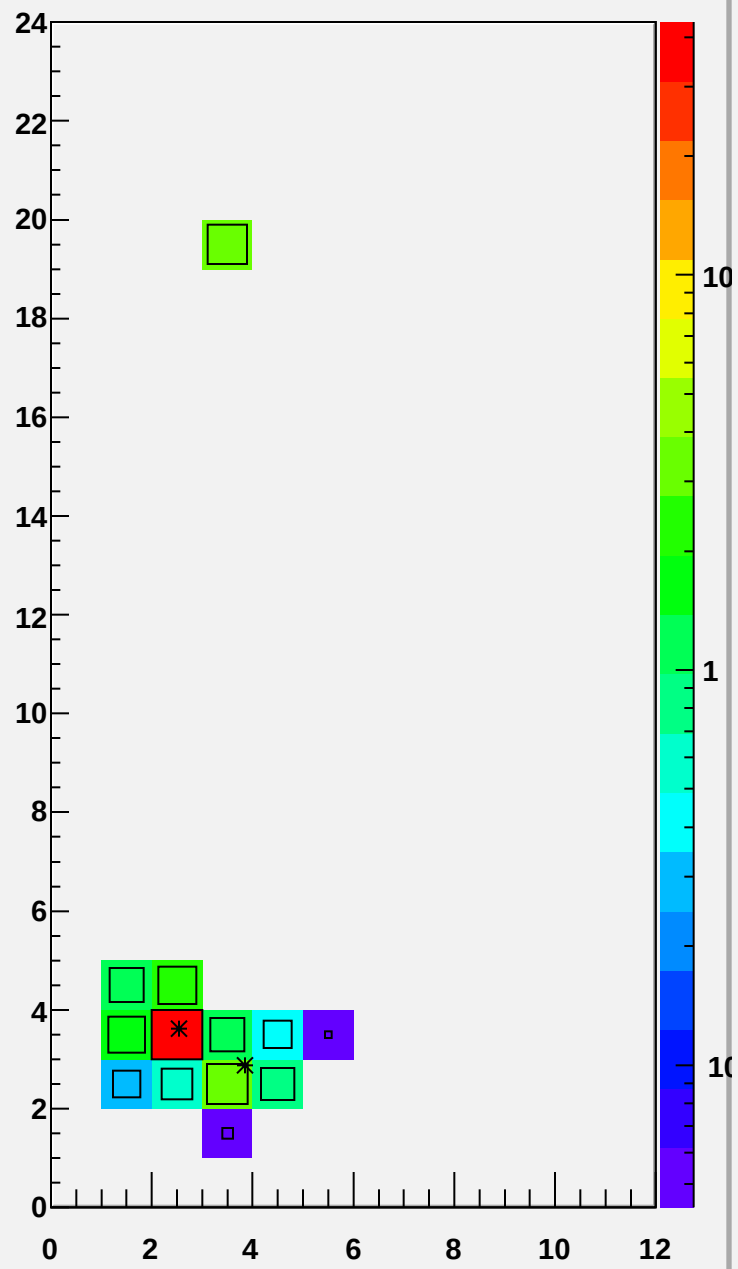
Mean x 4.523

Mean y 6.351

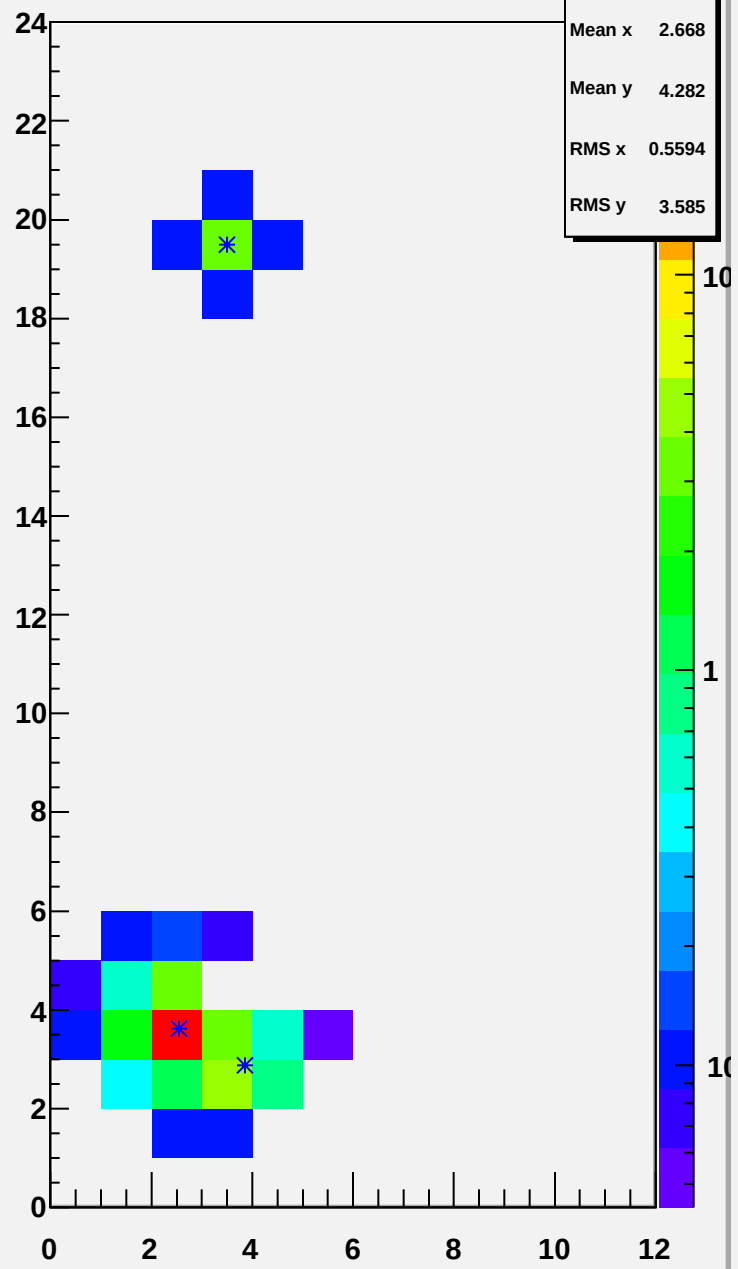
RMS x 1.504

RMS y 2.046

NSTB3_r4_c3_En=58.6_m0=0.150_m1=0.150_index=379



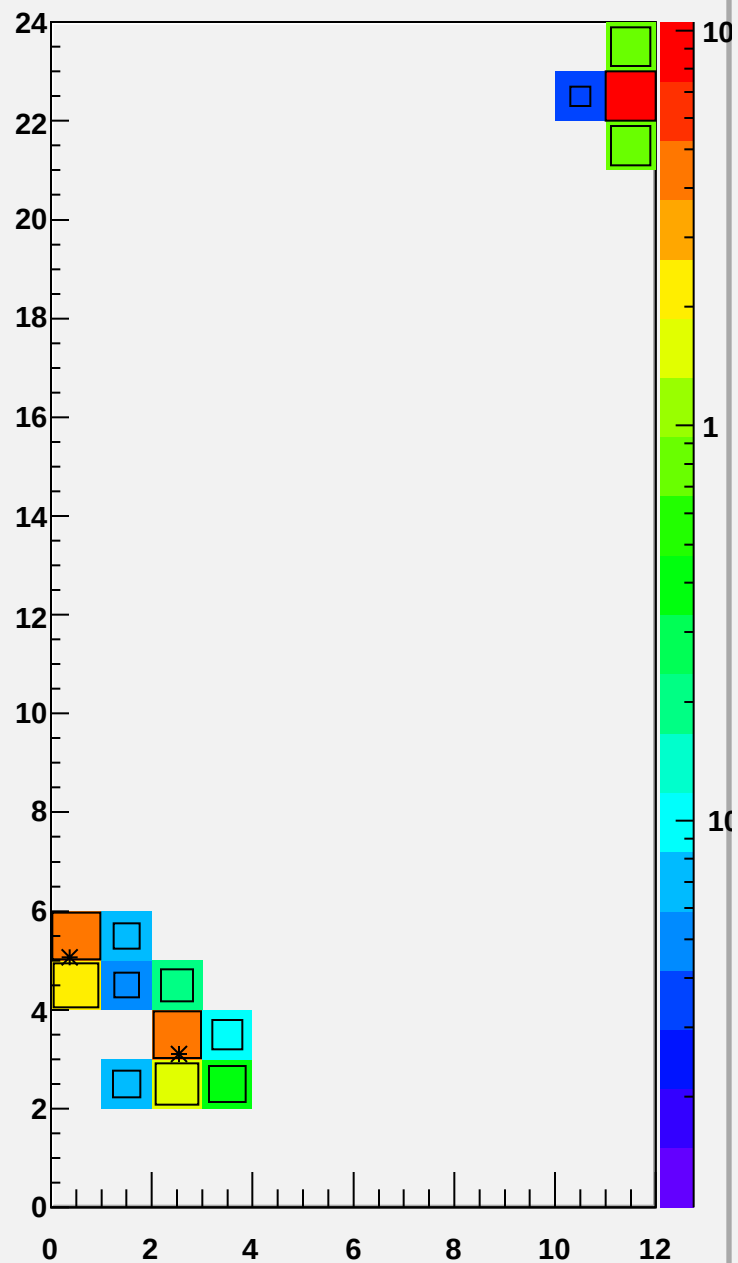
Fitted Energies



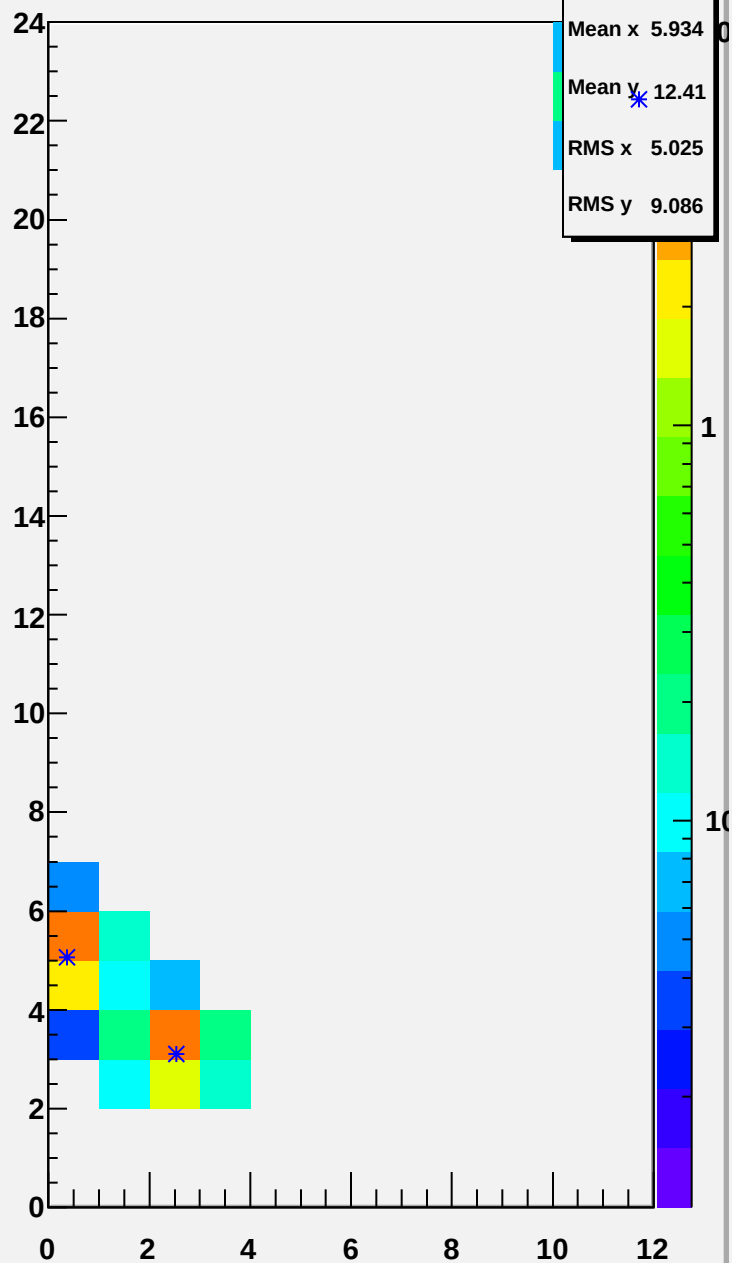
Efit

Entries	288
Mean x	2.668
Mean y	4.282
RMS x	0.5594
RMS y	3.585

NSTB3_r4_c3_En=26.7_m0=0.125_m1=0.125_index=380



Fitted Energies



Efit

Entries 288

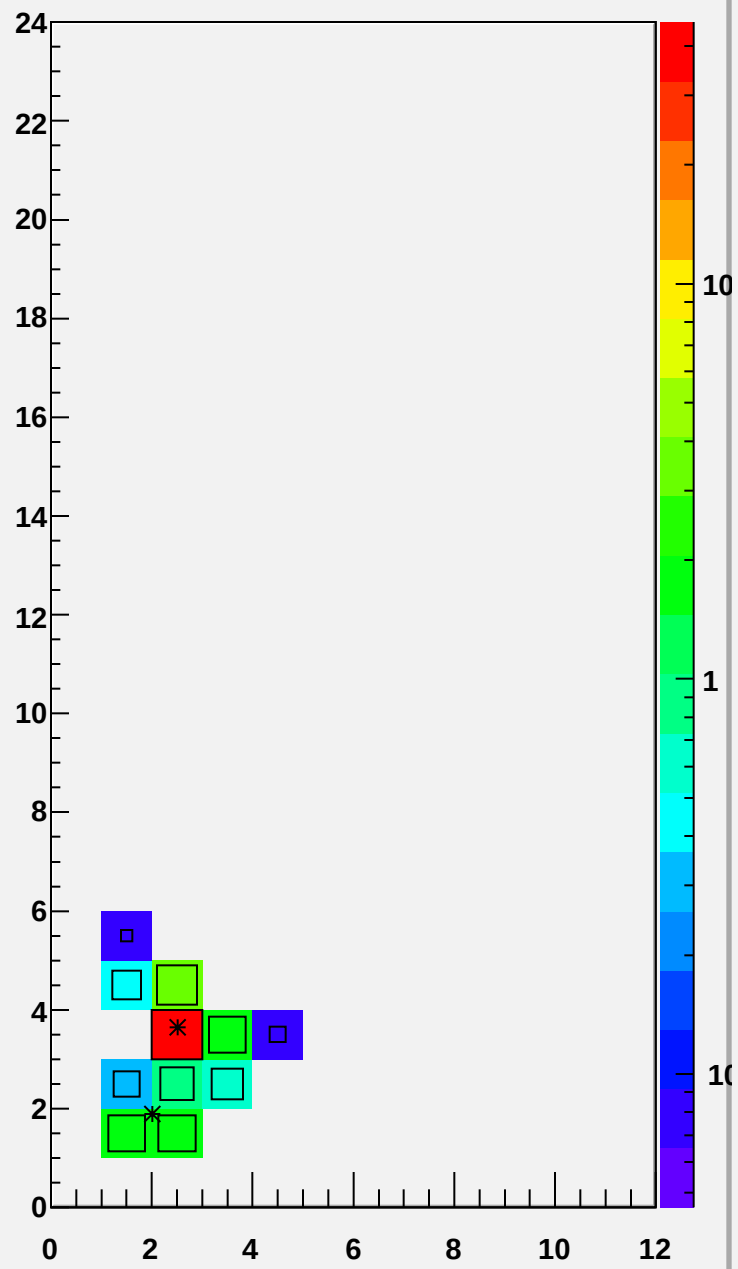
Mean x 5.934

Mean y 12.41

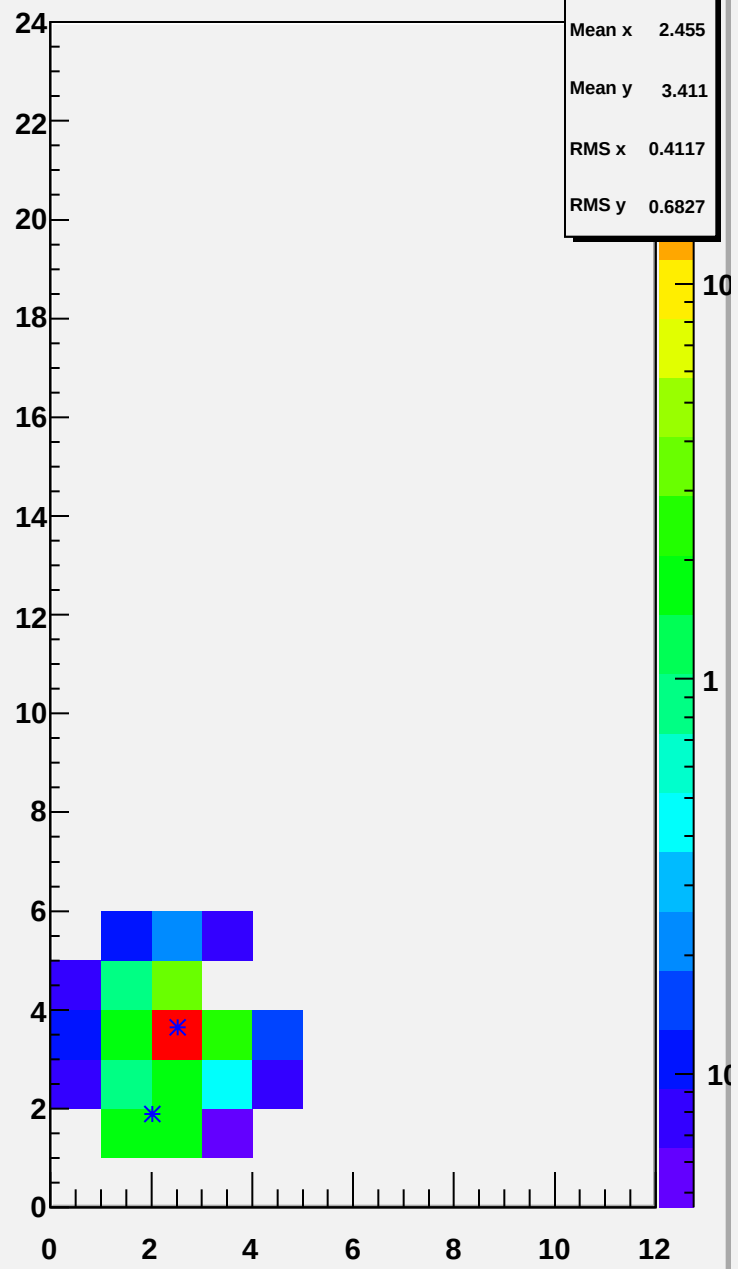
RMS x 5.025

RMS y 9.086

NSTB3_r4_c3_En=57.7_m0=0.168 m1=0.168 index=381



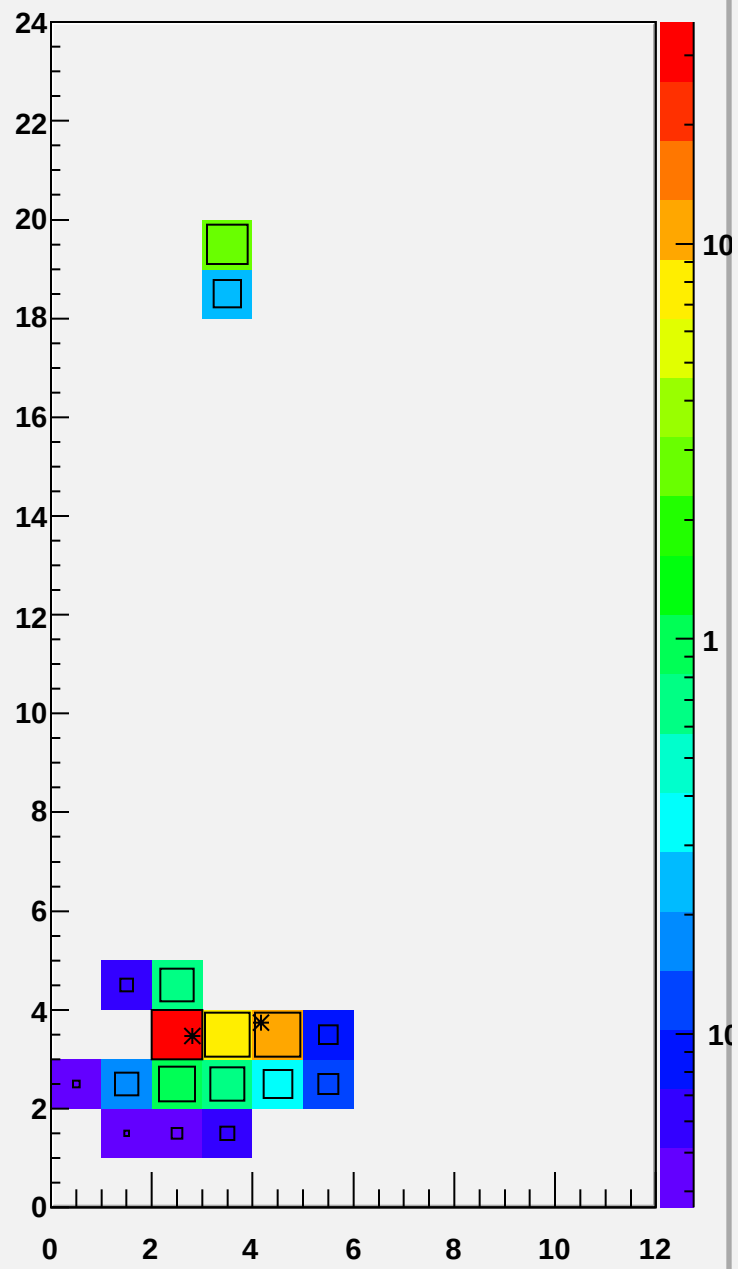
Fitted Energies



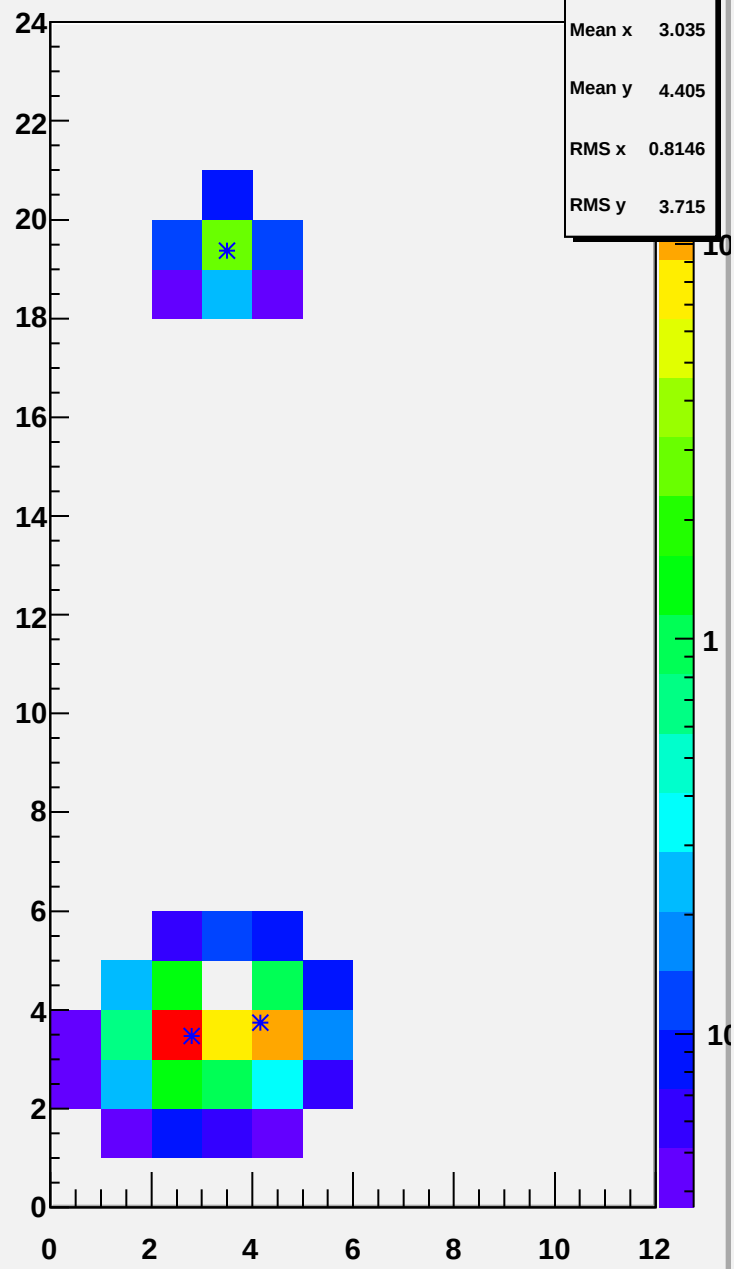
Efit

Entries	288
Mean x	2.455
Mean y	3.411
RMS x	0.4117
RMS y	0.6827

NSTB3_r4_c3_En=61.3_m0=0.189_m1=0.189_index=382



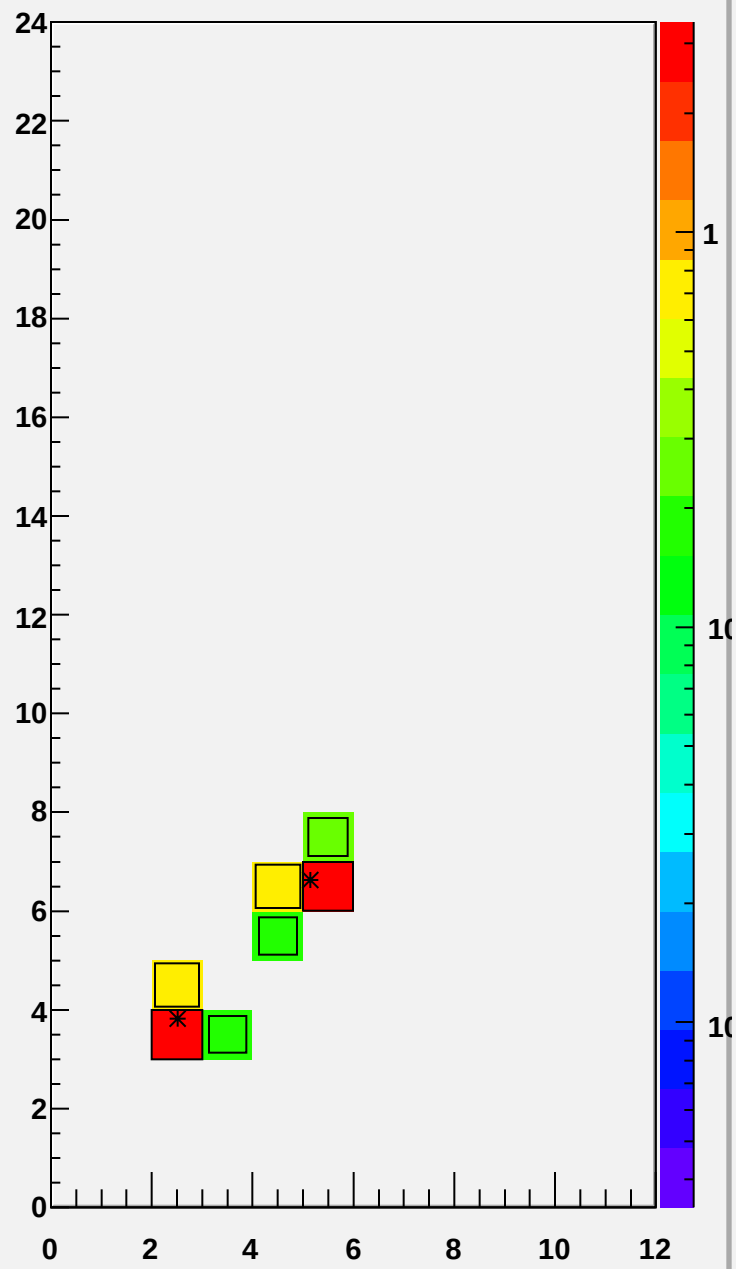
Fitted Energies



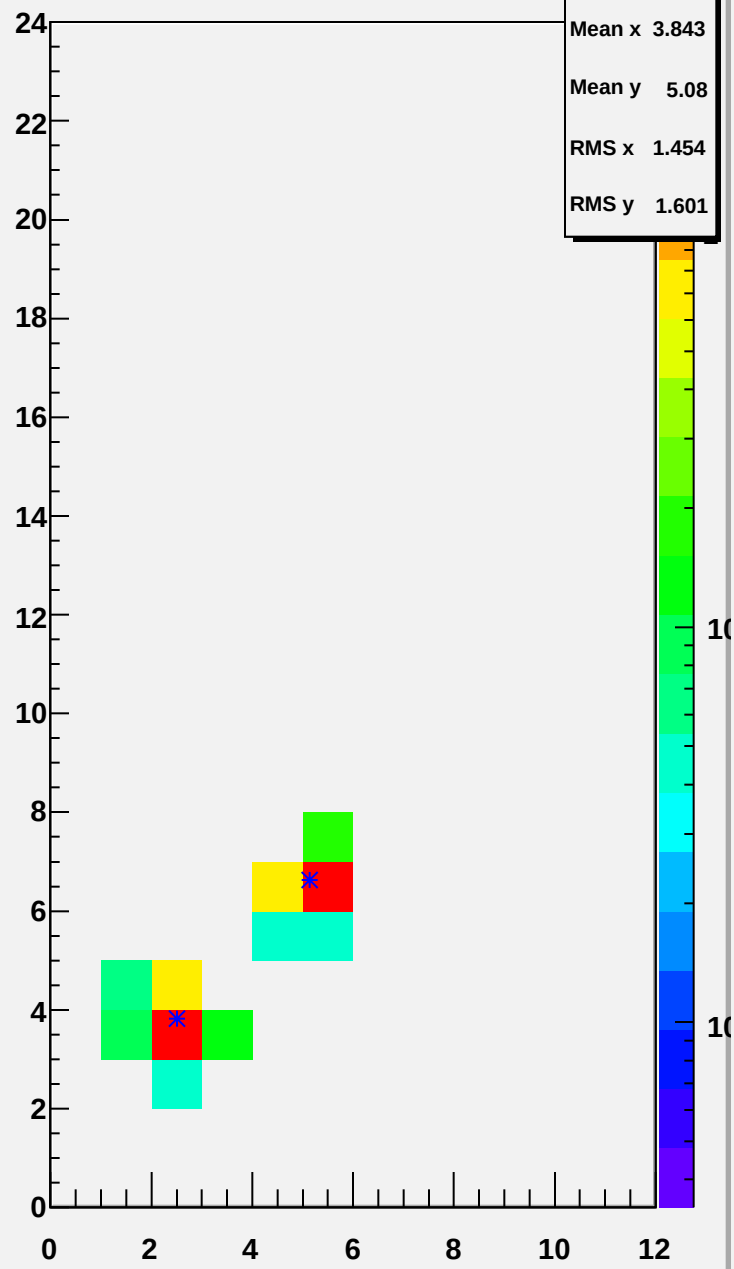
Efit

Entries	288
Mean x	3.035
Mean y	4.405
RMS x	0.8146
RMS y	3.715

NSTB3_r4_c3_En= 8.4_m0=0.095 m1=0.095 index=384



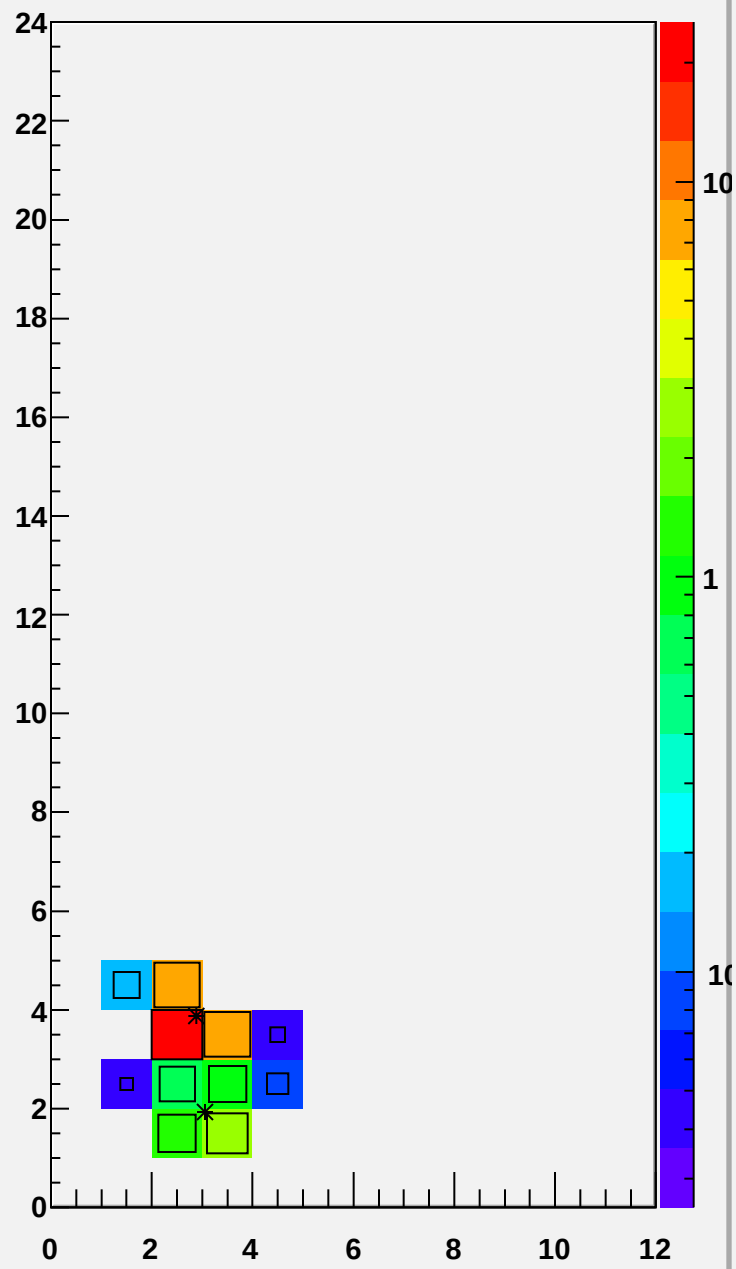
Fitted Energies



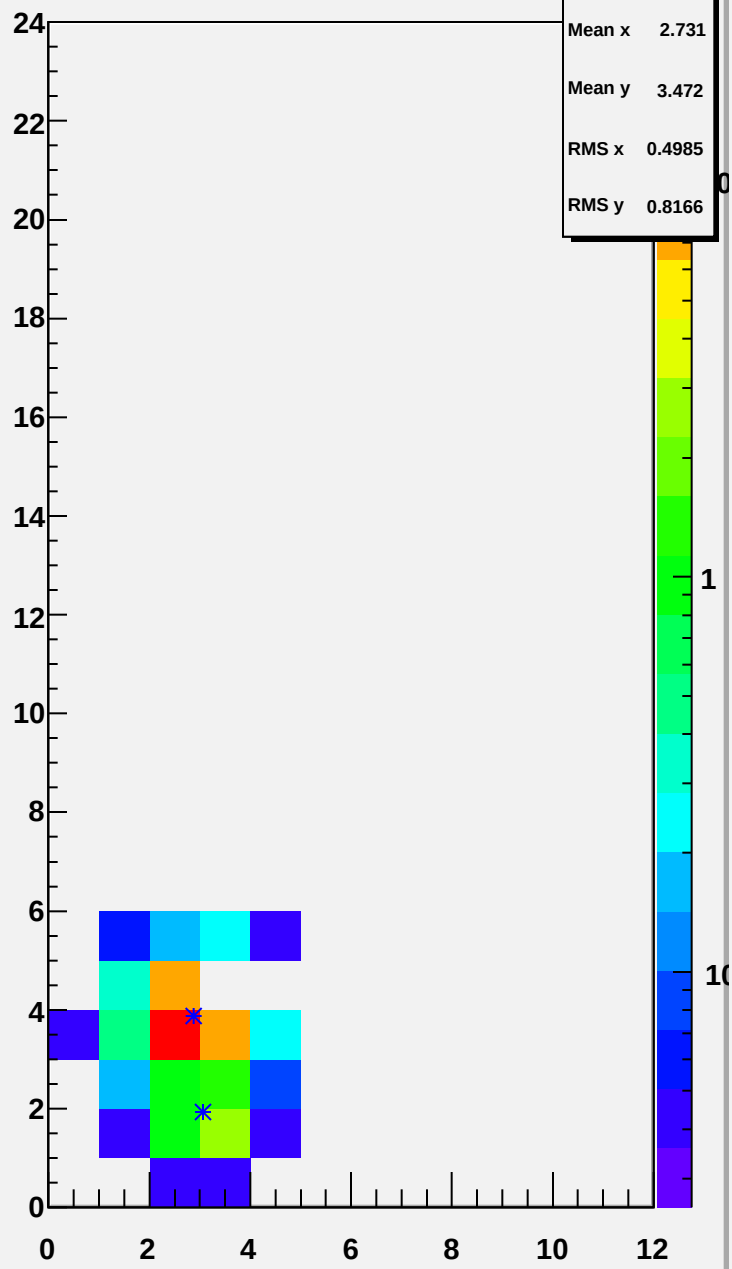
Efit

Entries 288
Mean x 3.843
Mean y 5.08
RMS x 1.454
RMS y 1.601

NSTB3_r4_c3_En=45.5_m0=0.167 m1=0.167 index=386



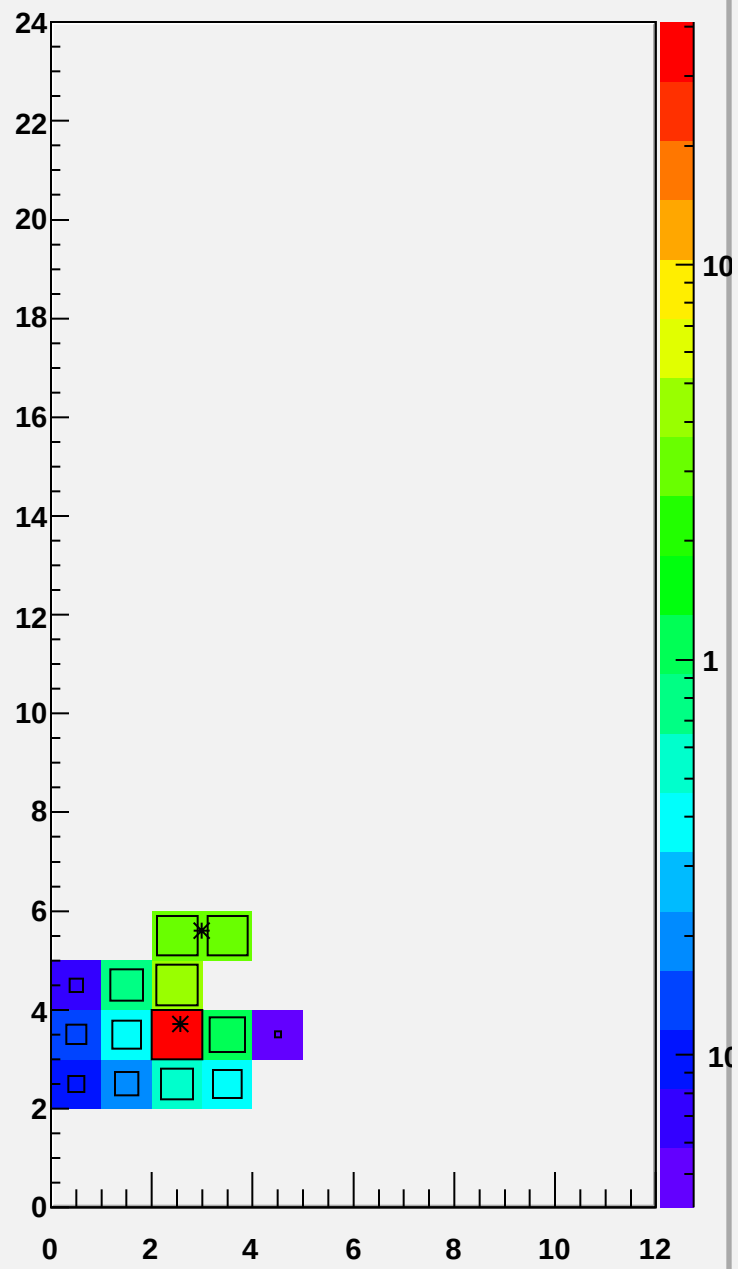
Fitted Energies



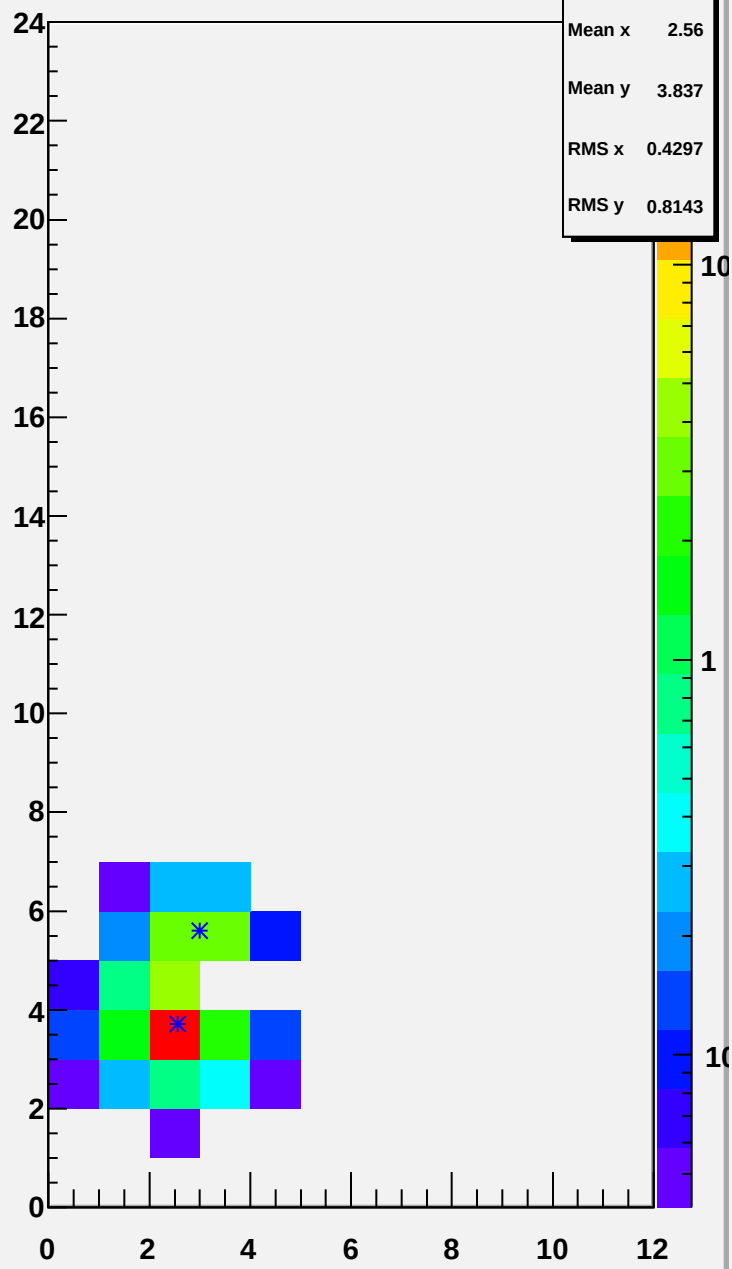
Efit

Entries	288
Mean x	2.731
Mean y	3.472
RMS x	0.4985
RMS y	0.8166

NSTB3_r4_c3_En=56.1_m0=0.207 m1=0.206 index=387



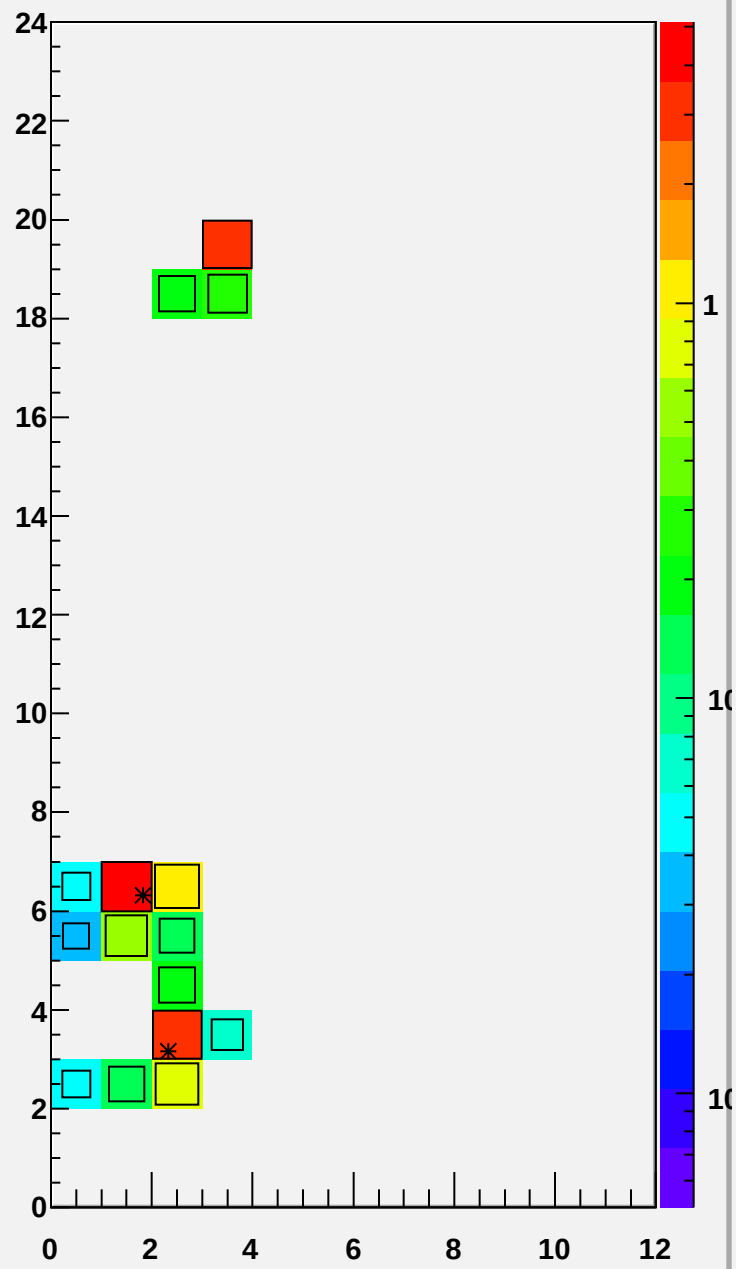
Fitted Energies



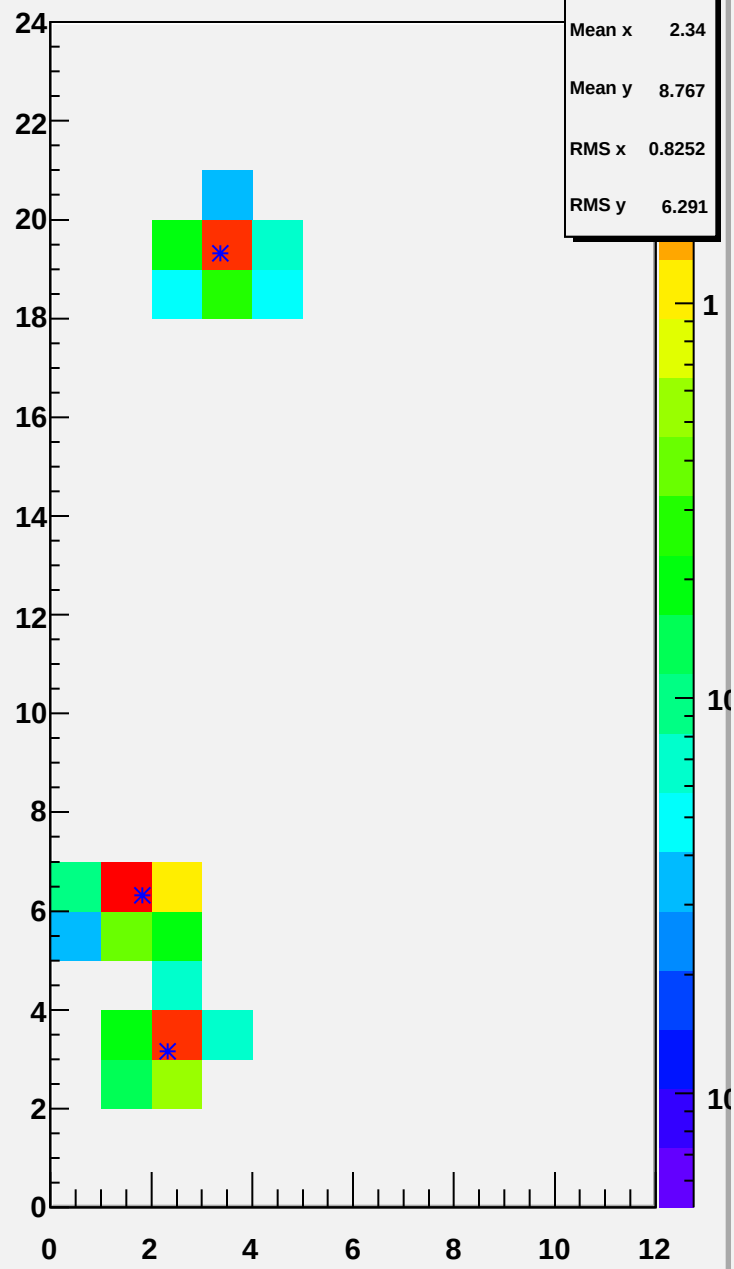
Efit

Entries	288
Mean x	2.56
Mean y	3.837
RMS x	0.4297
RMS y	0.8143

NSTB3_r4_c3_En=15.0_m0=0.103 m1=0.103 index=388



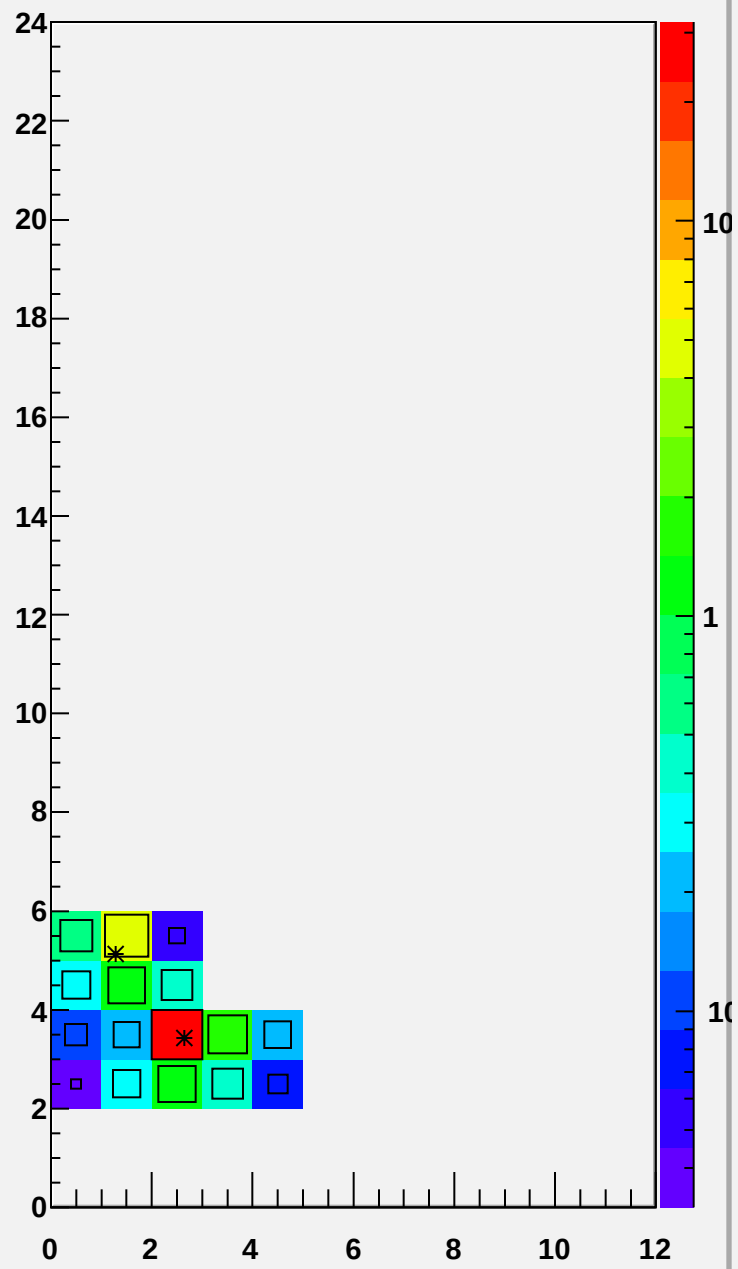
Fitted Energies



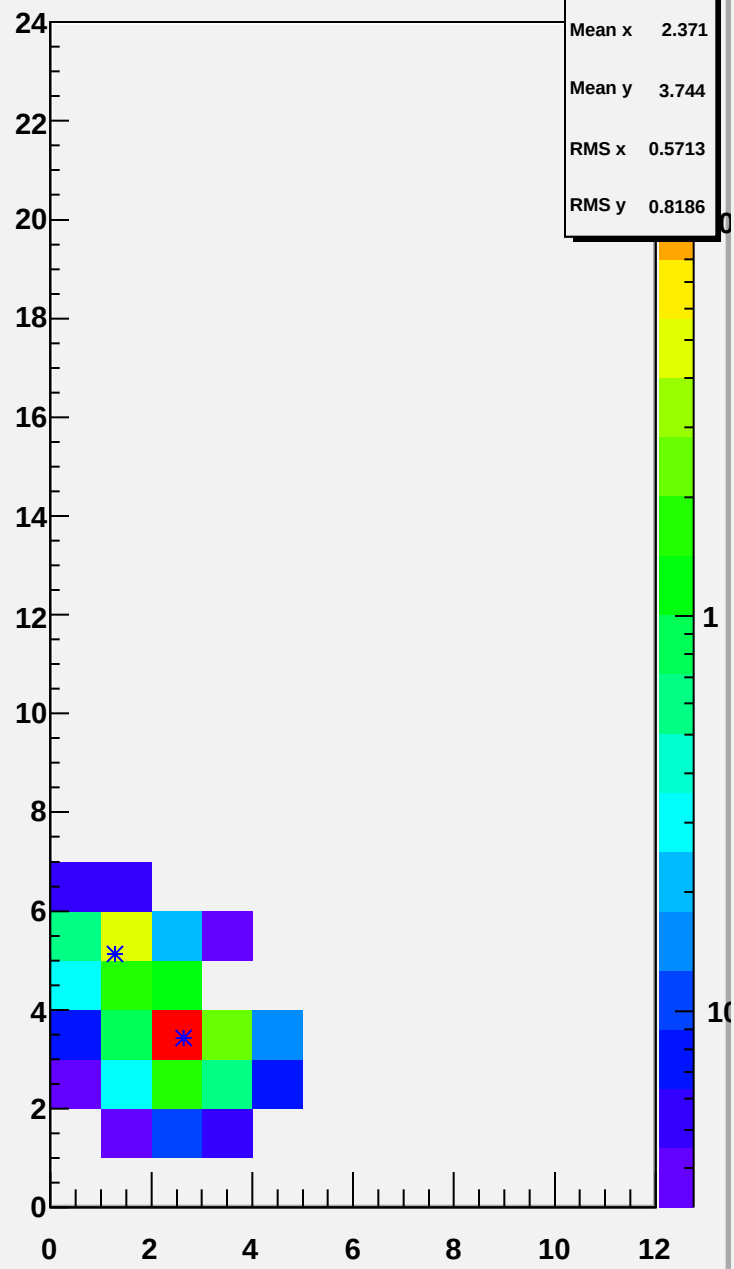
Efit

Entries	288
Mean x	2.34
Mean y	8.767
RMS x	0.8252
RMS y	6.291

NSTB3_r4_c3_En=43.5_m0=0.200 m1=0.200 index=390

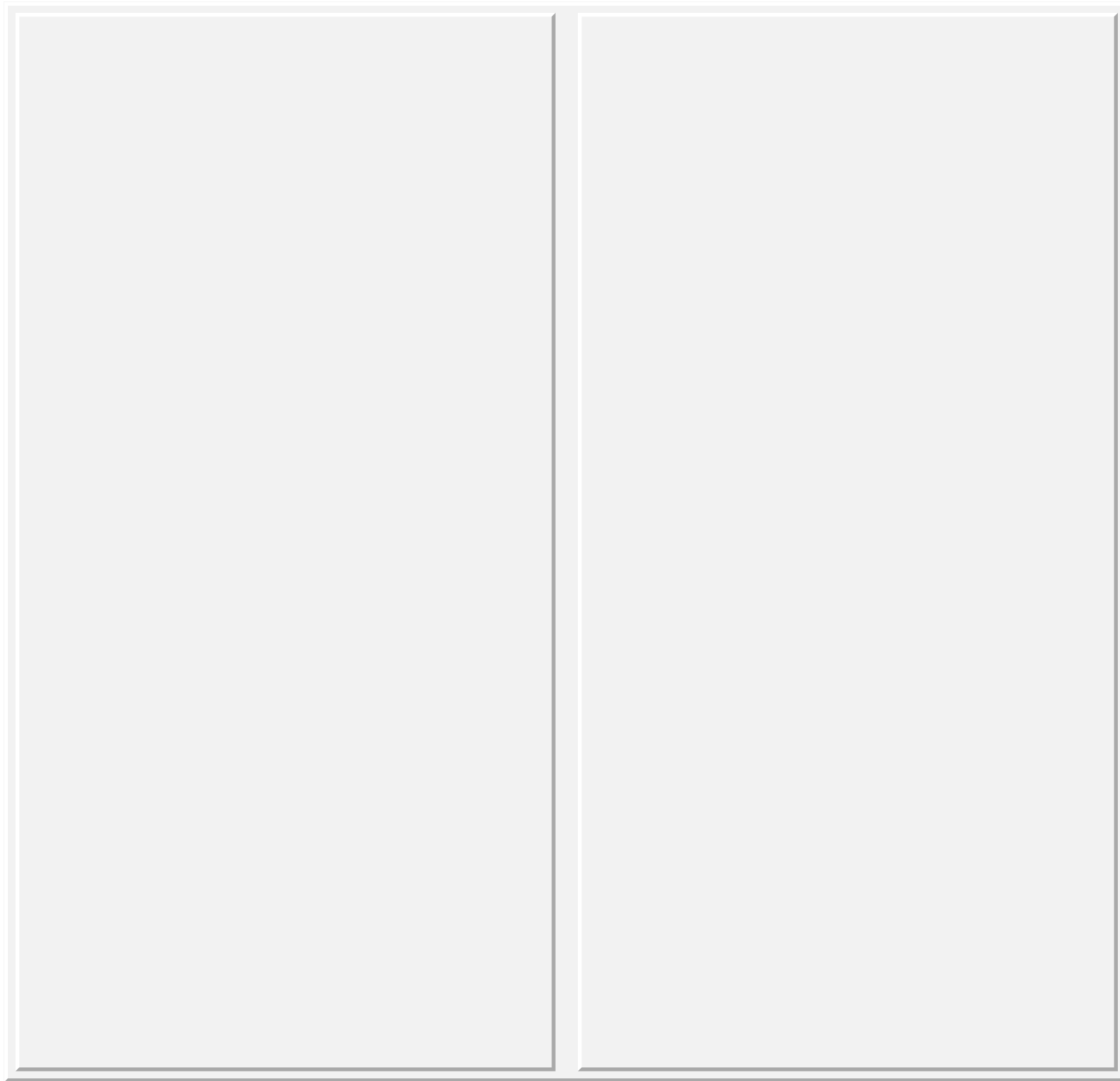


Fitted Energies

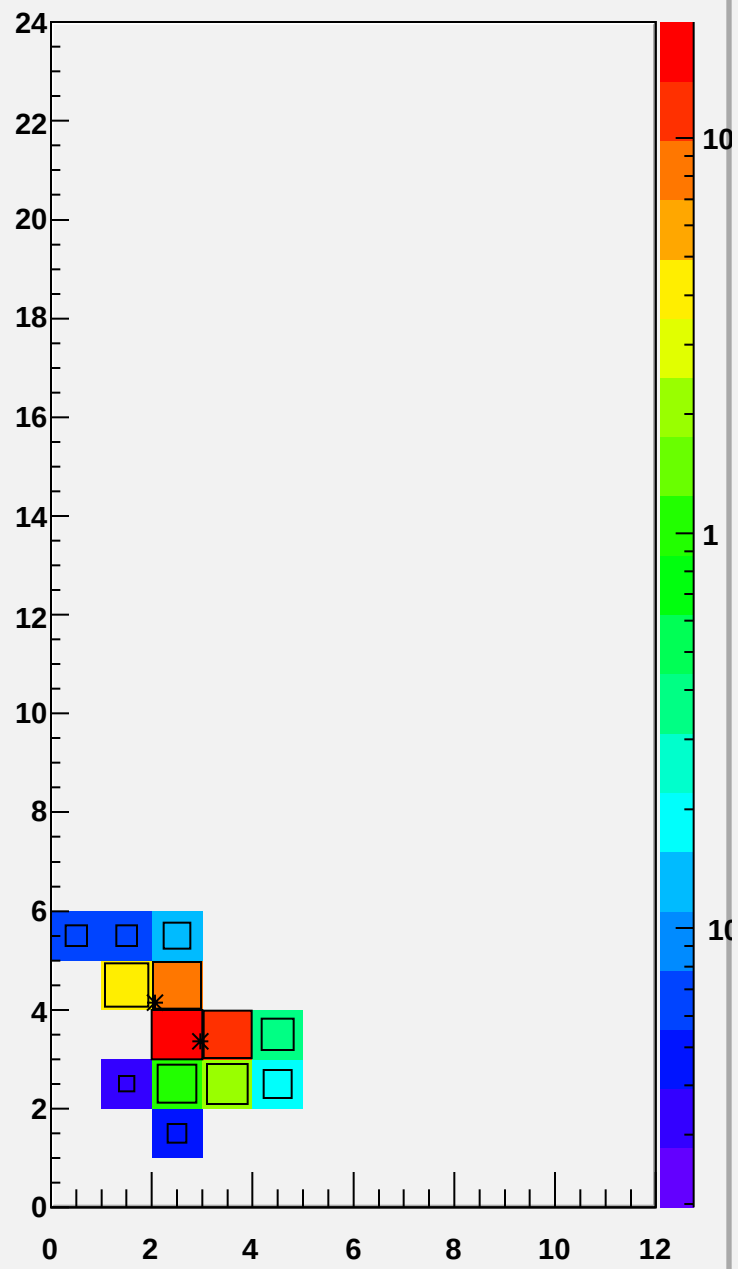


Efit

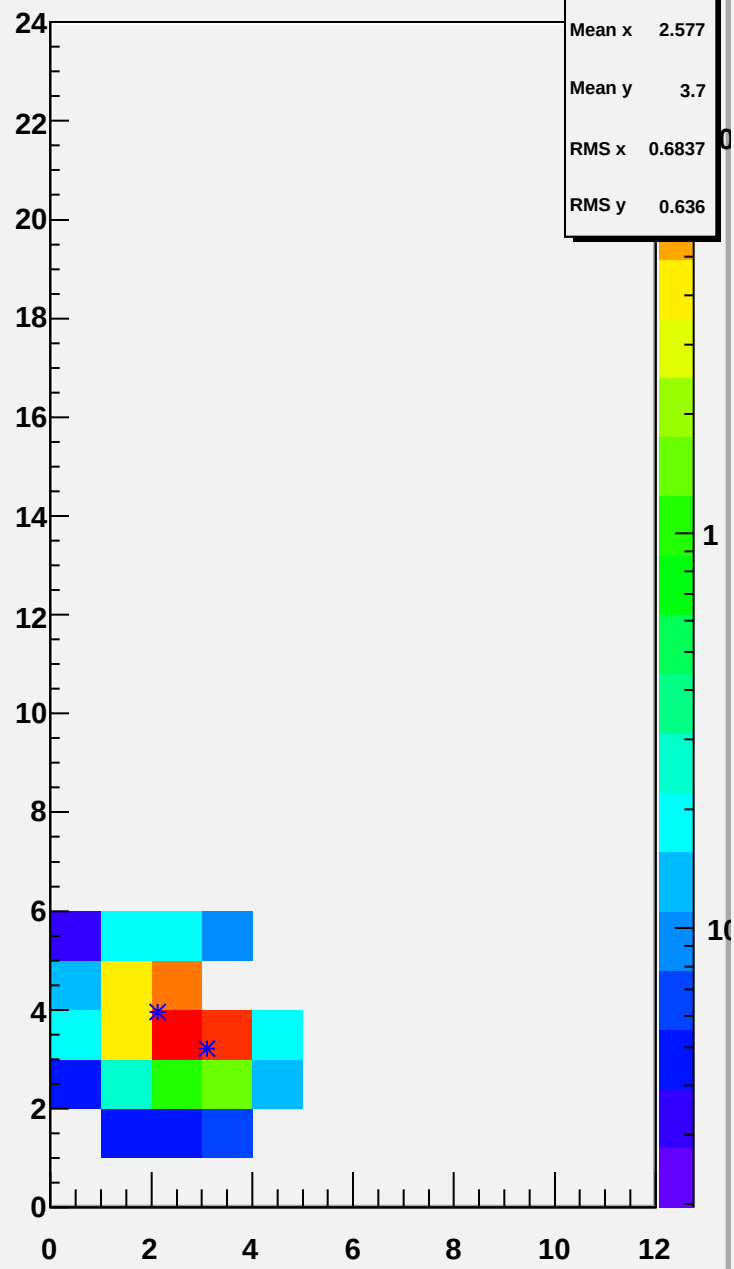
Entries	288
Mean x	2.371
Mean y	3.744
RMS x	0.5713
RMS y	0.8186



NSTB3_r4_c3_En=47.1_m0=0.149_m1=0.168_index=392



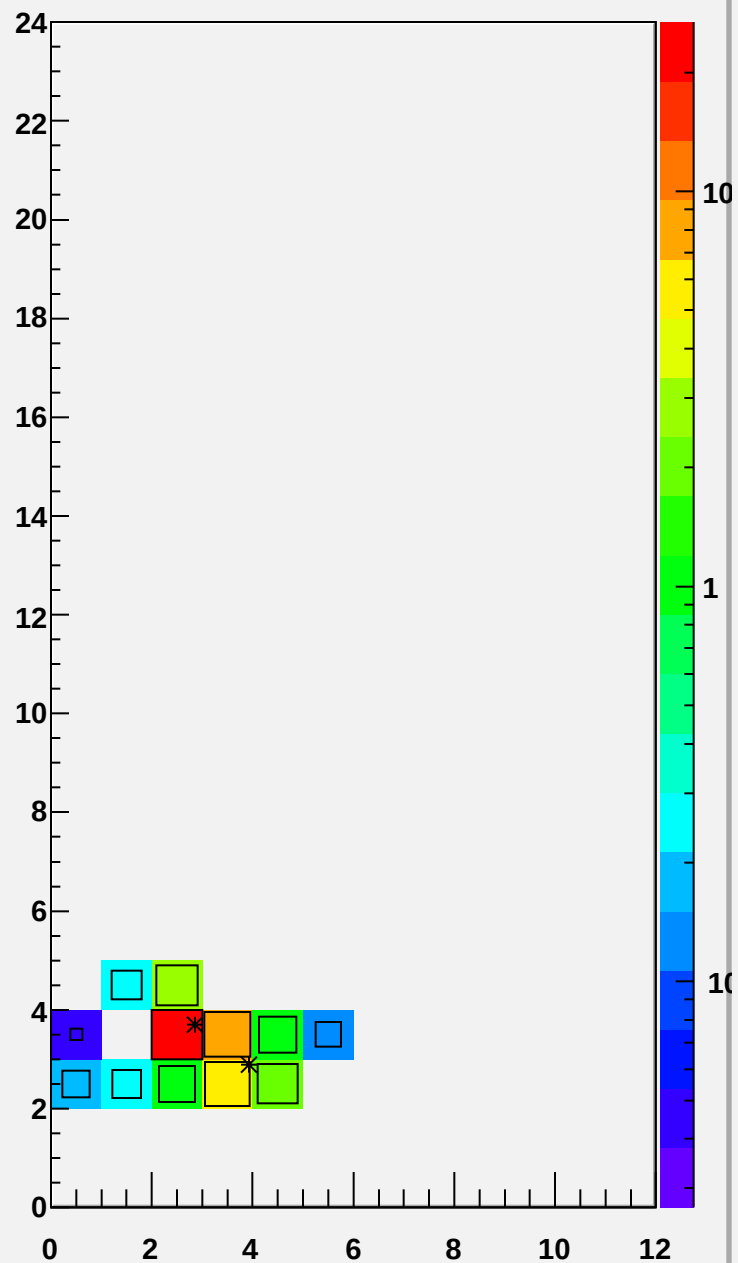
Fitted Energies



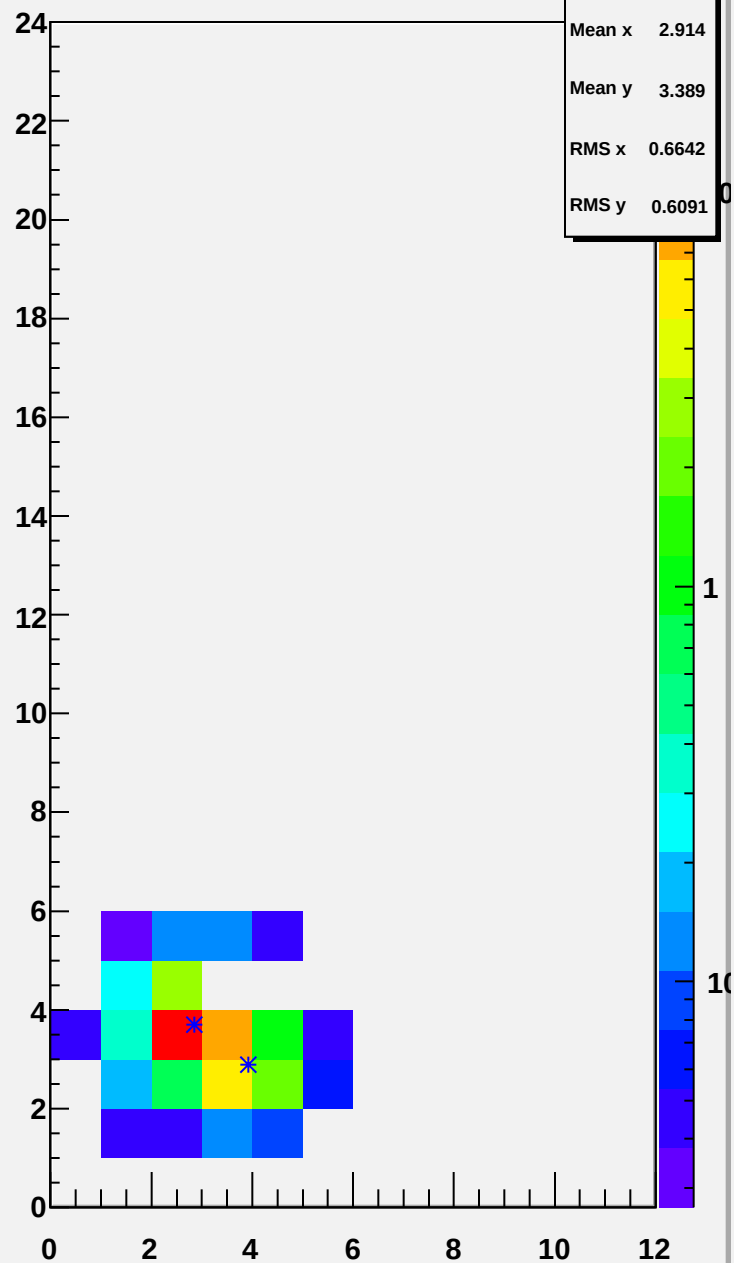
Efit

Entries	288
Mean x	2.577
Mean y	3.7
RMS x	0.6837
RMS y	0.636

NSTB3_r4_c3_En=48.5_m0=0.148 m1=0.148 index=393



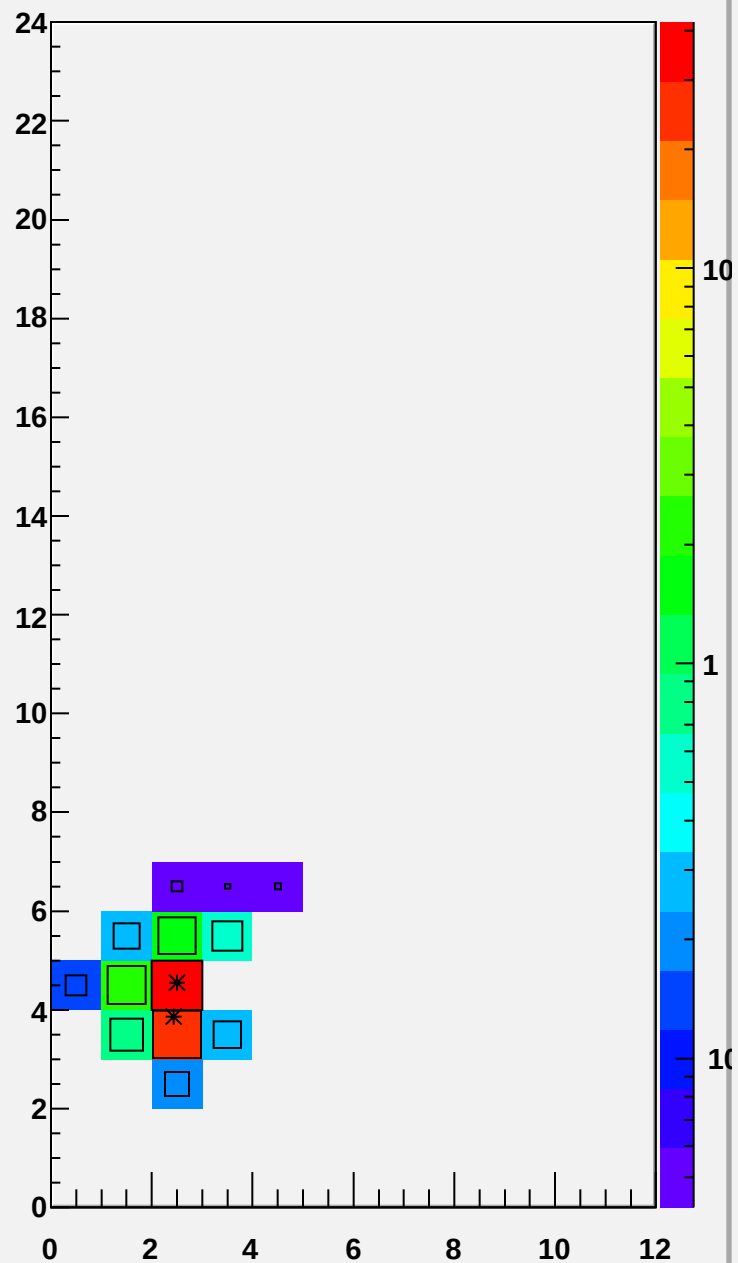
Fitted Energies



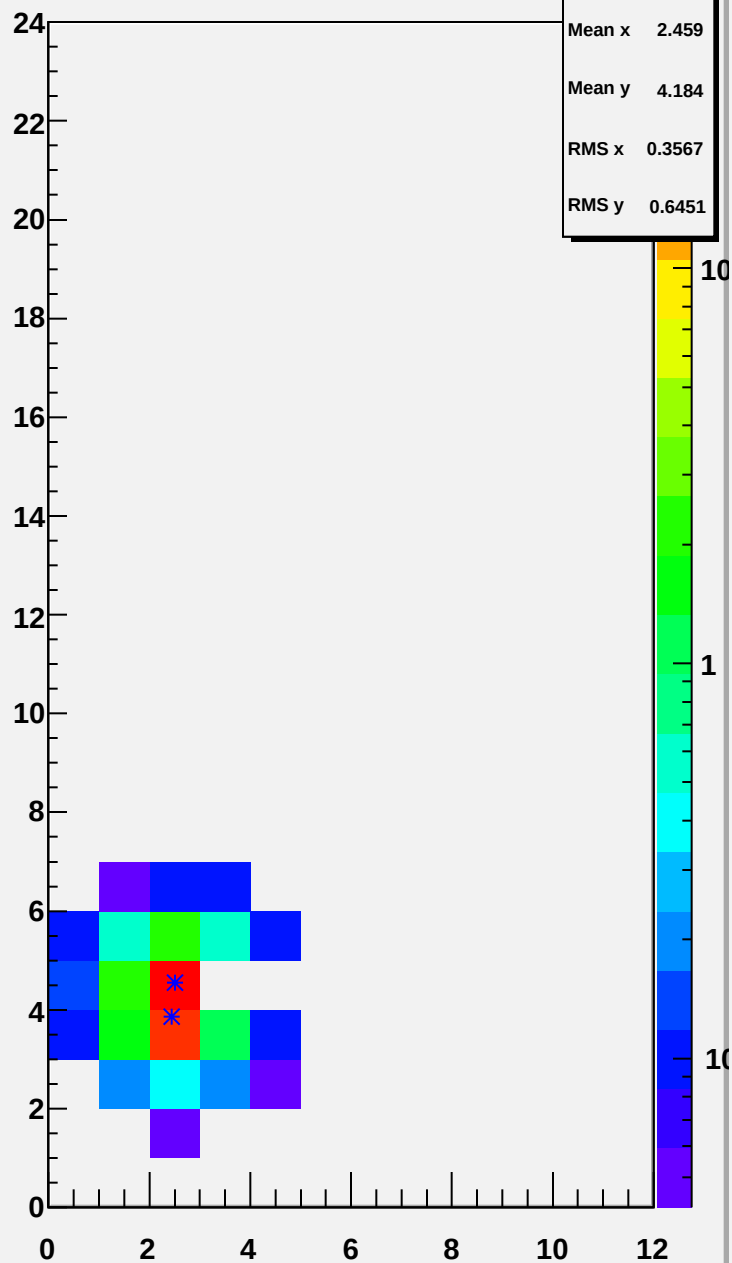
Efit

Entries	288
Mean x	2.914
Mean y	3.389
RMS x	0.6642
RMS y	0.6091

NSTB3_r4_c3_En=72.7_m0=0.139 m1=0.139 index=394



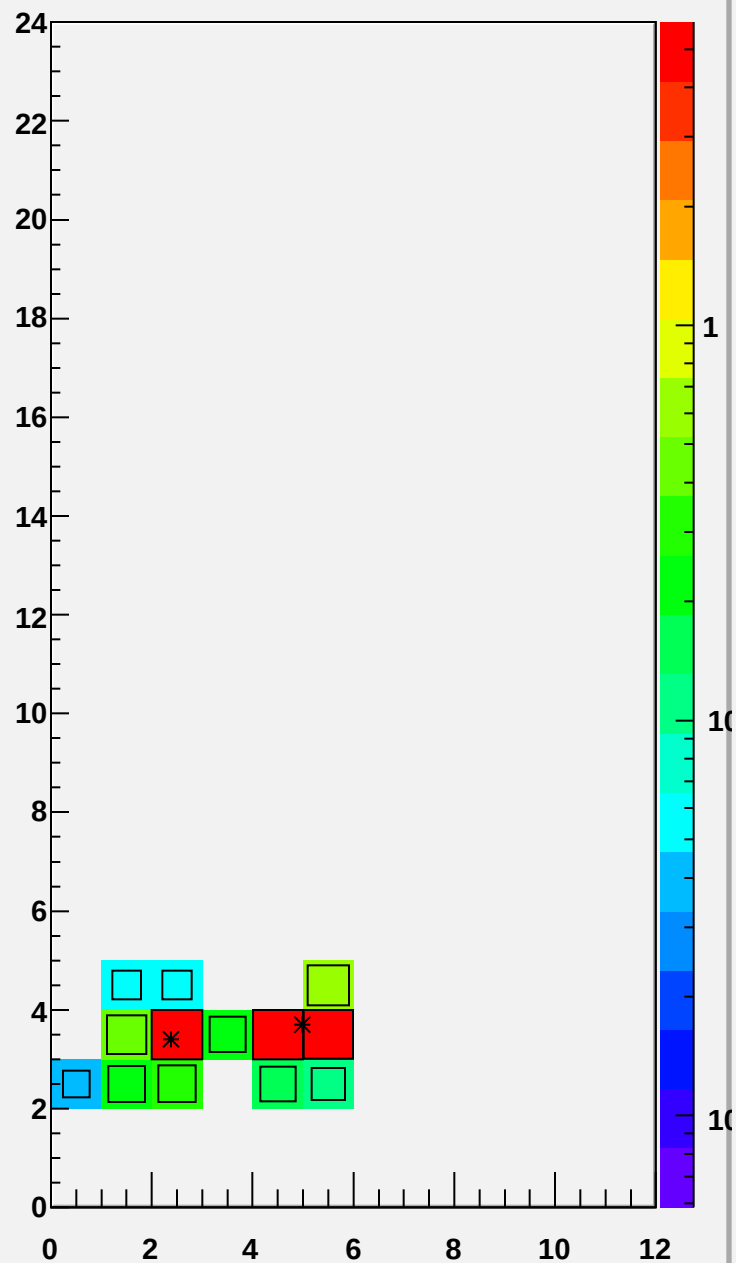
Fitted Energies



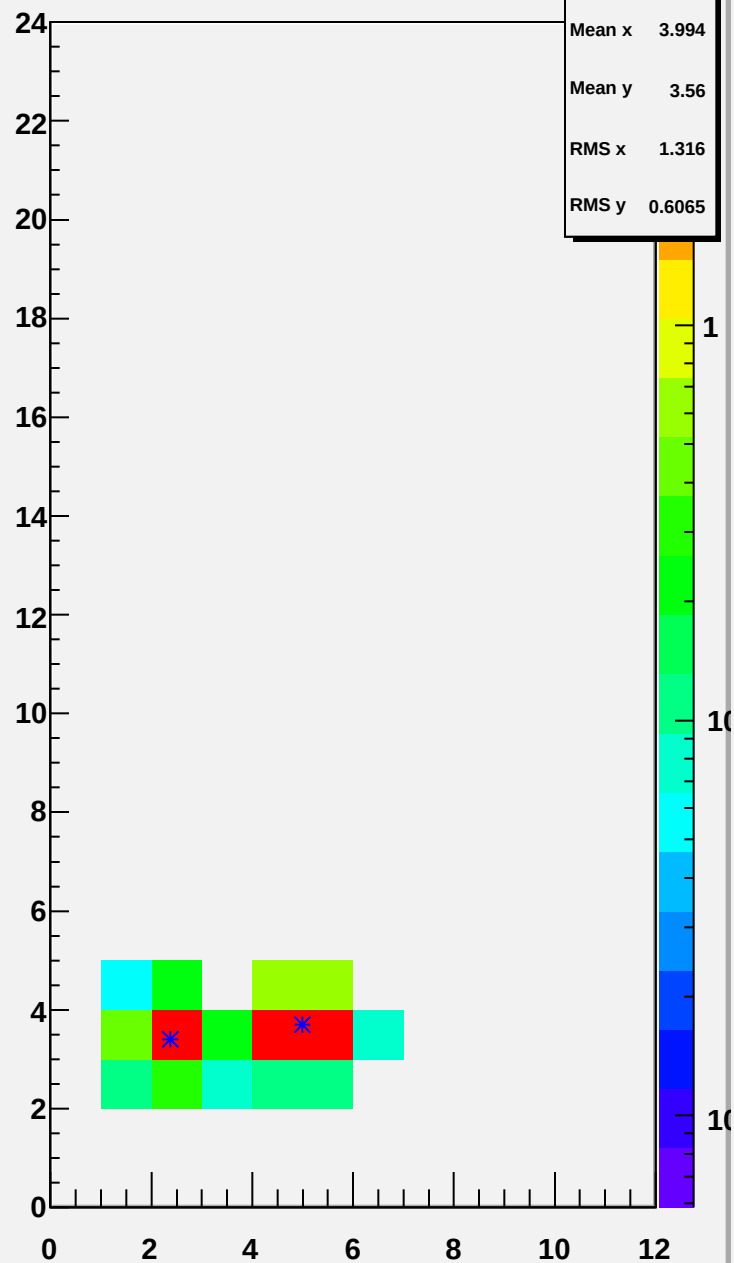
Efit

Entries	288
Mean x	2.459
Mean y	4.184
RMS x	0.3567
RMS y	0.6451

NSTB3_r4_c3_En=17.8_m0=0.131 m1=0.131 index=395



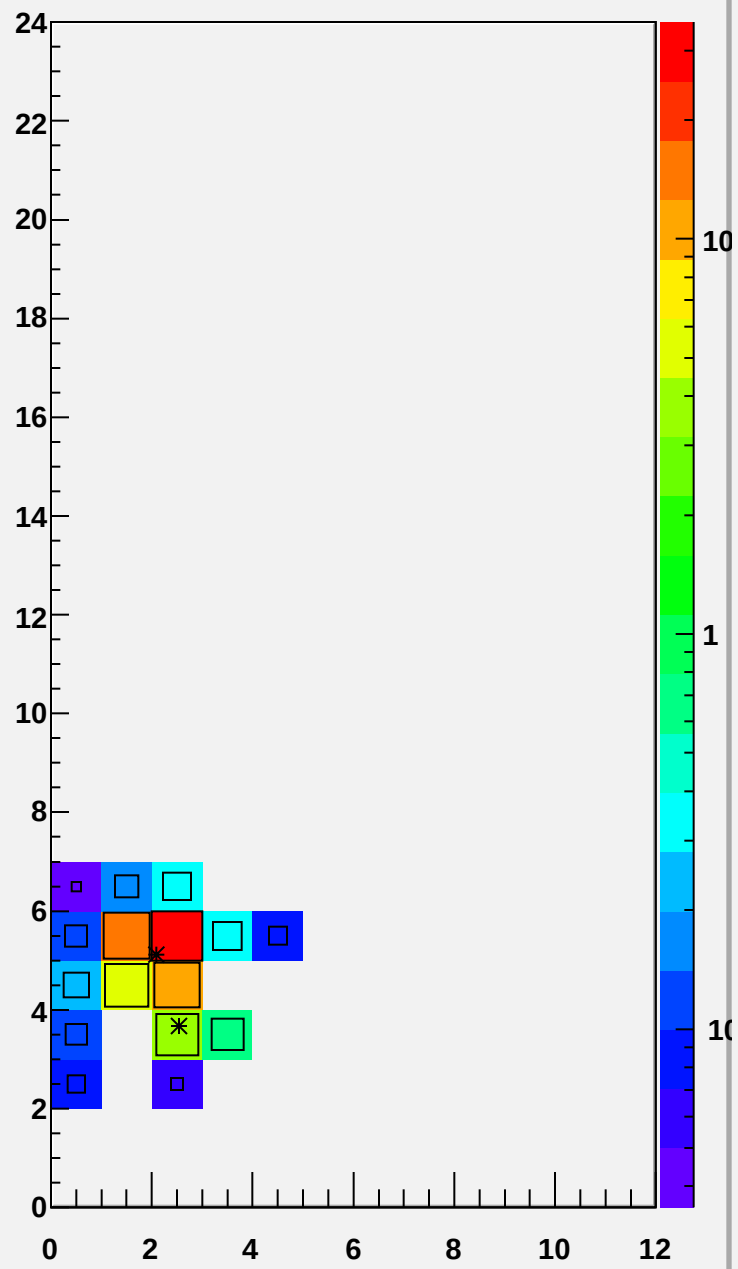
Fitted Energies



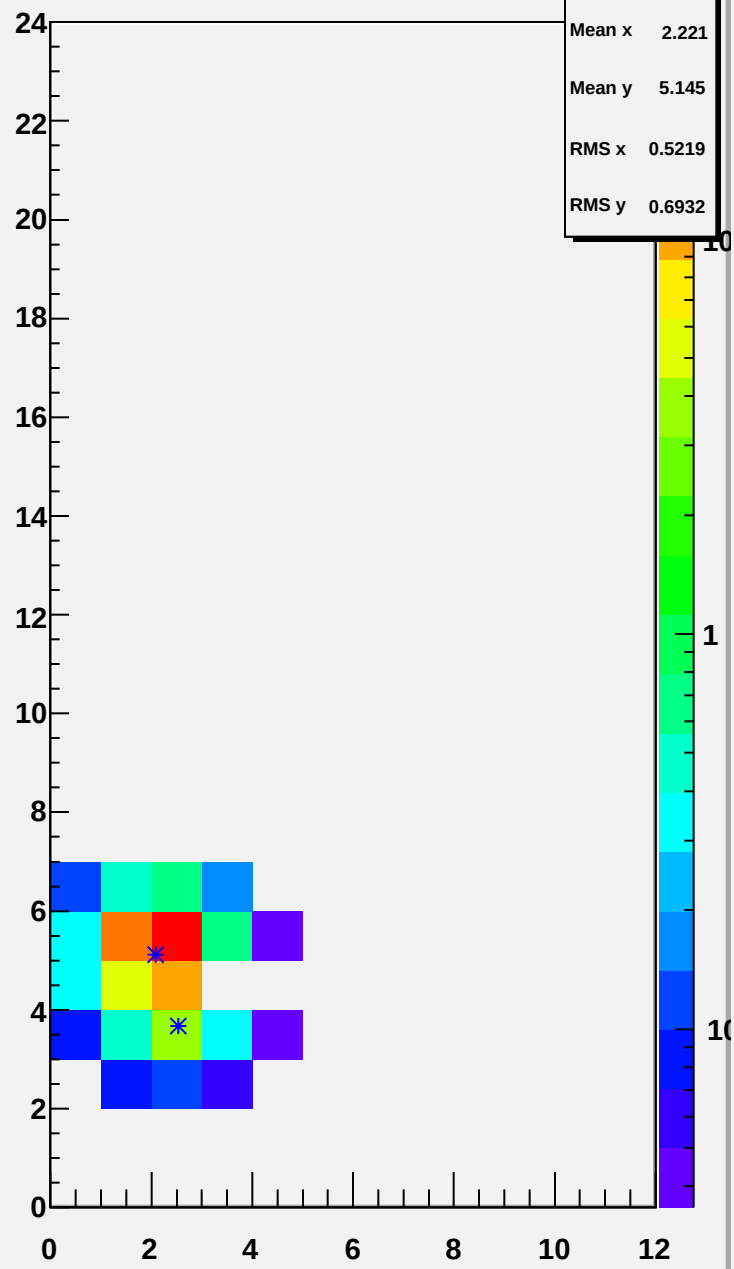
Efit

Entries	288
Mean x	3.994
Mean y	3.56
RMS x	1.316
RMS y	0.6065

NSTB3_r4_c3_En=70.3_m0=0.154_m1=0.152_index=396



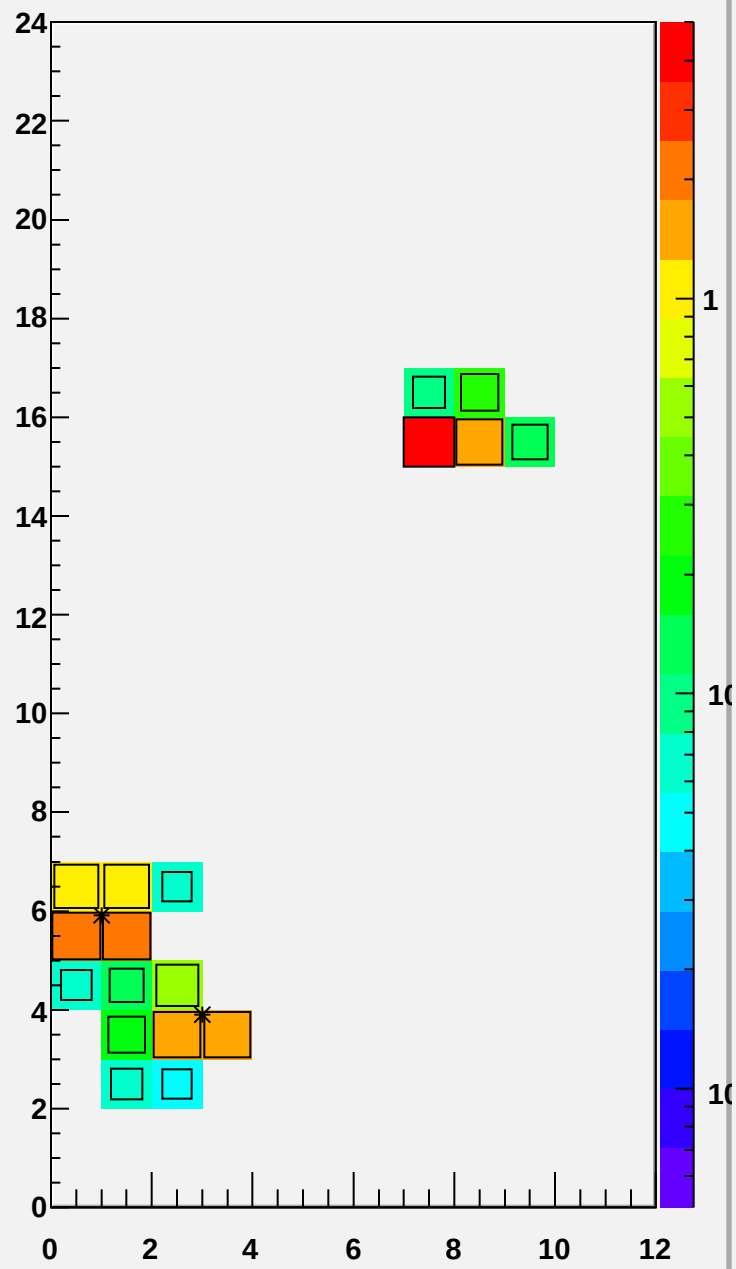
Fitted Energies



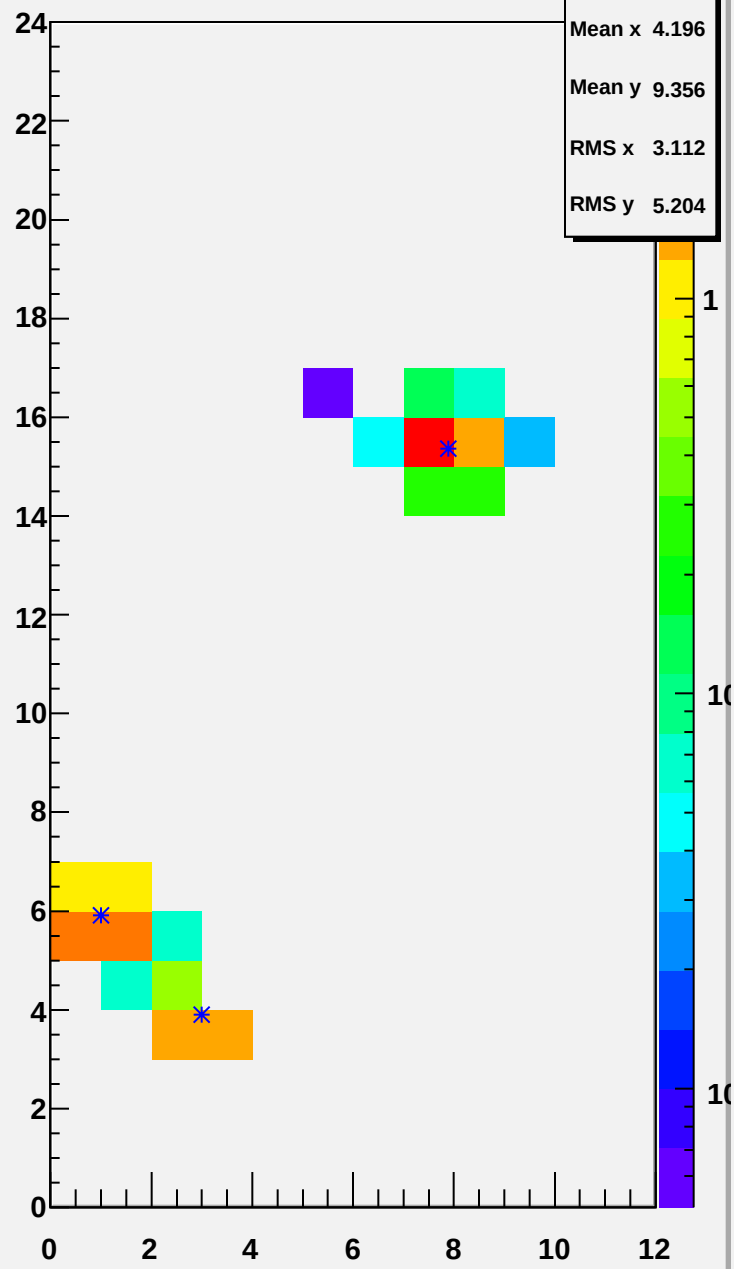
Efit

Entries	288
Mean x	2.221
Mean y	5.145
RMS x	0.5219
RMS y	0.6932

NSTB3_r4_c3_En=18.3_m0=0.090 m1=0.090 index=397



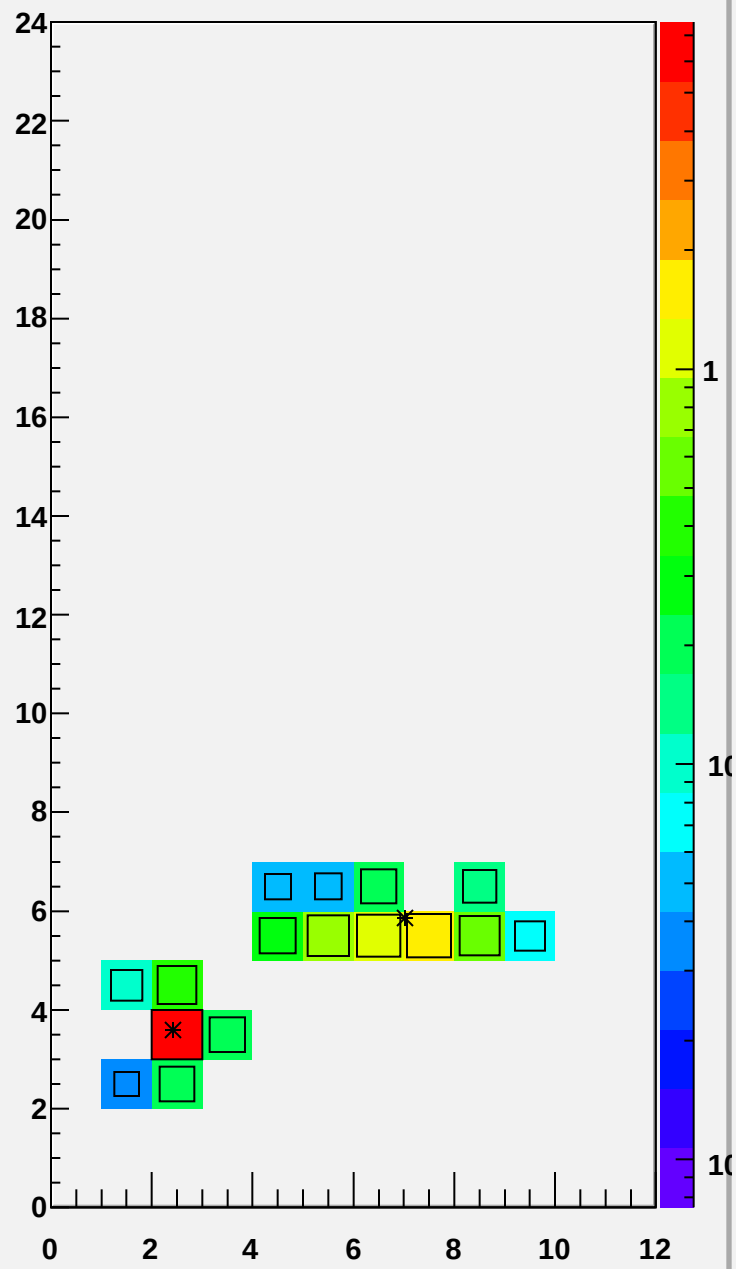
Fitted Energies



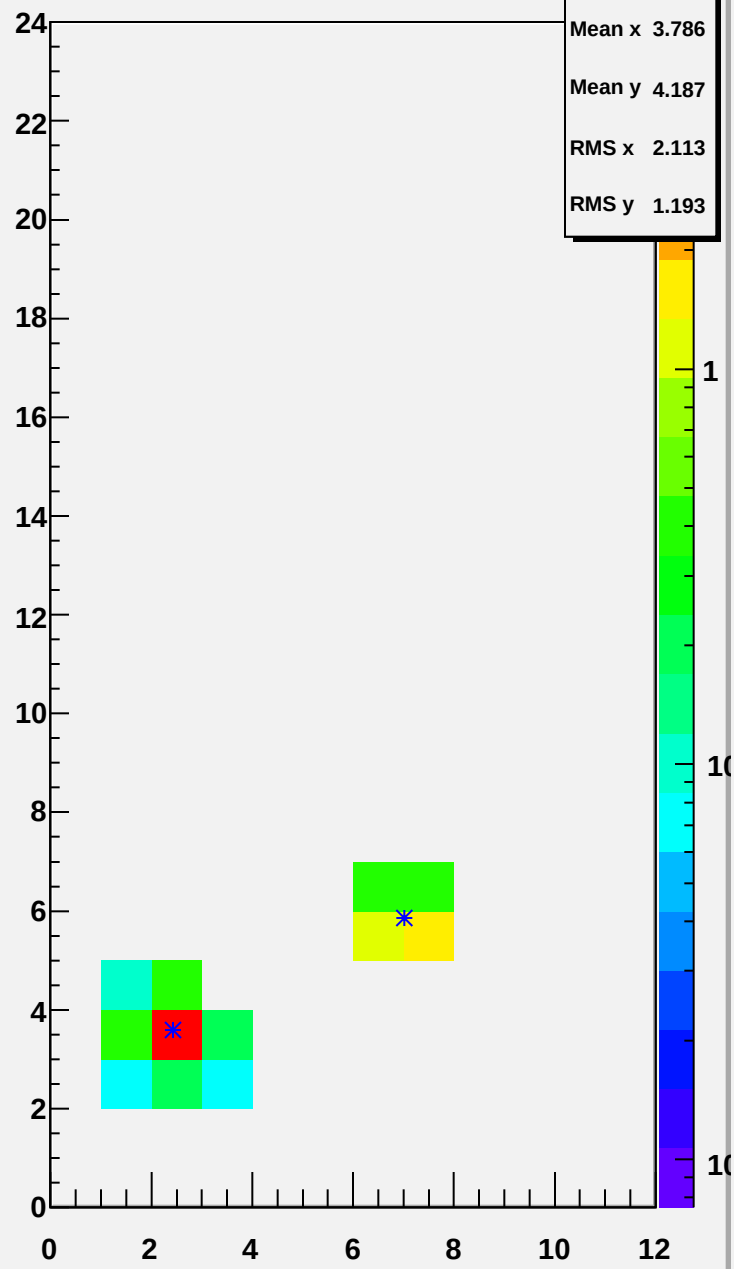
Efit

Entries 288
Mean x 4.196
Mean y 9.356
RMS x 3.112
RMS y 5.204

NSTB3_r4_c3_En=13.5_m0=0.171 m1=0.171 index=398



Fitted Energies



Efit

Entries 288

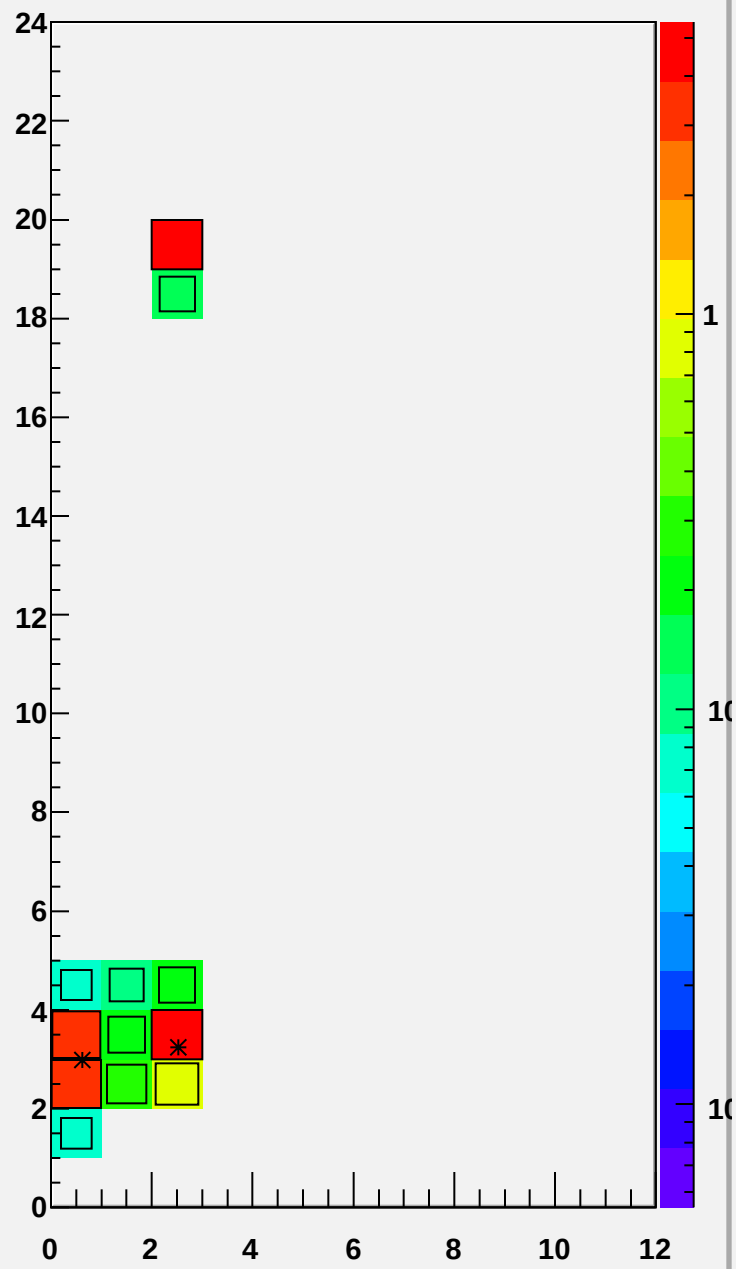
Mean x 3.786

Mean y 4.187

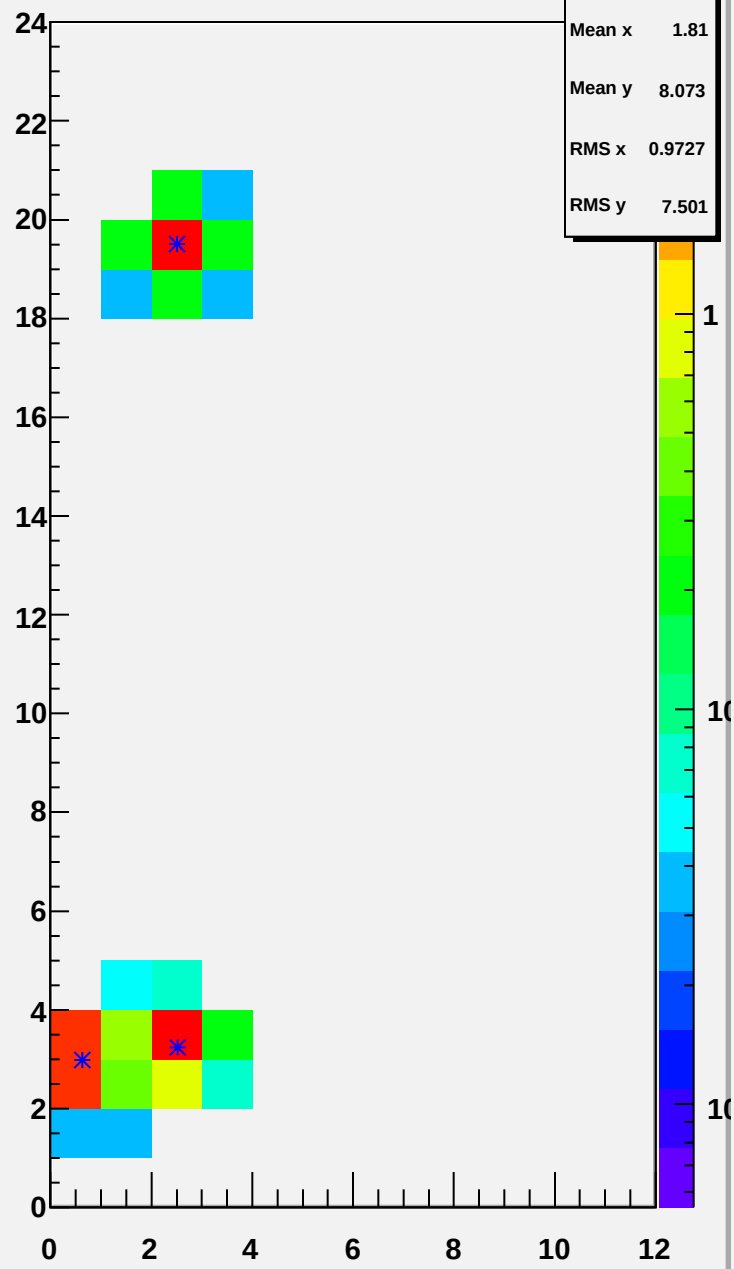
RMS x 2.113

RMS y 1.193

NSTB3_r4_c3_En=19.2_m0=0.077 m1=0.077 index=399



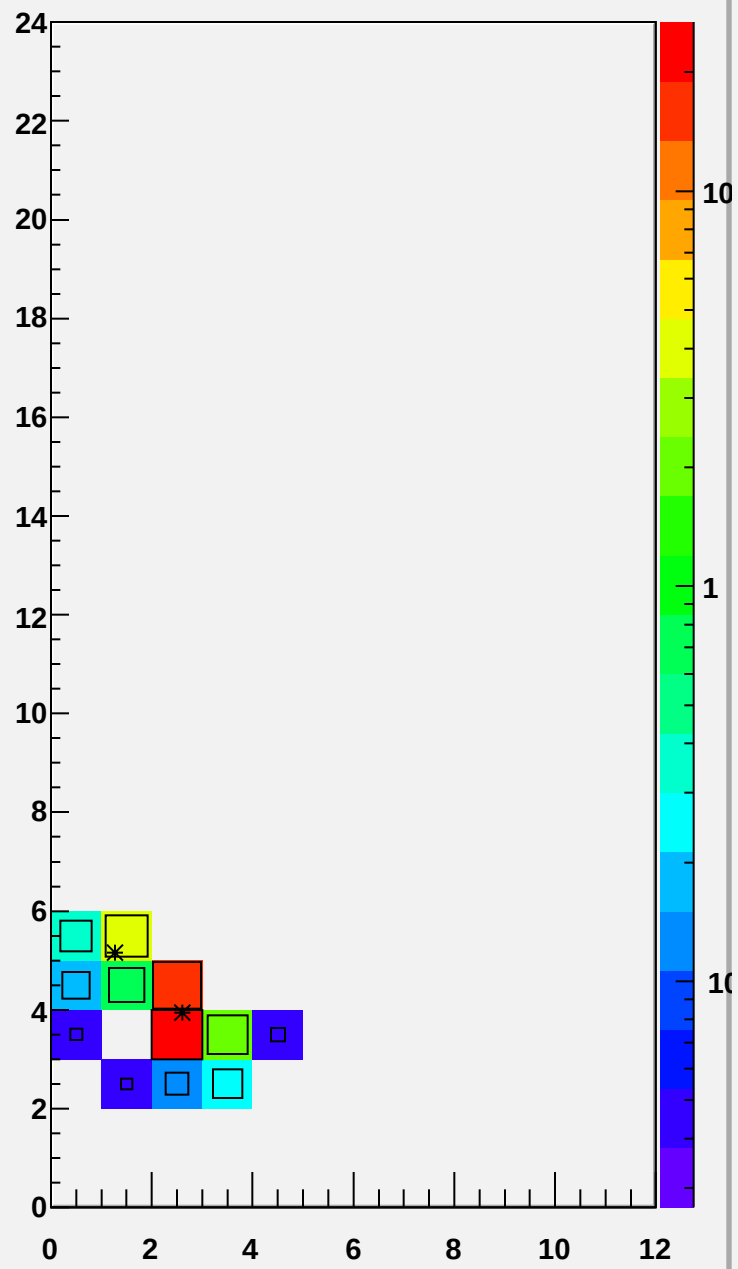
Fitted Energies



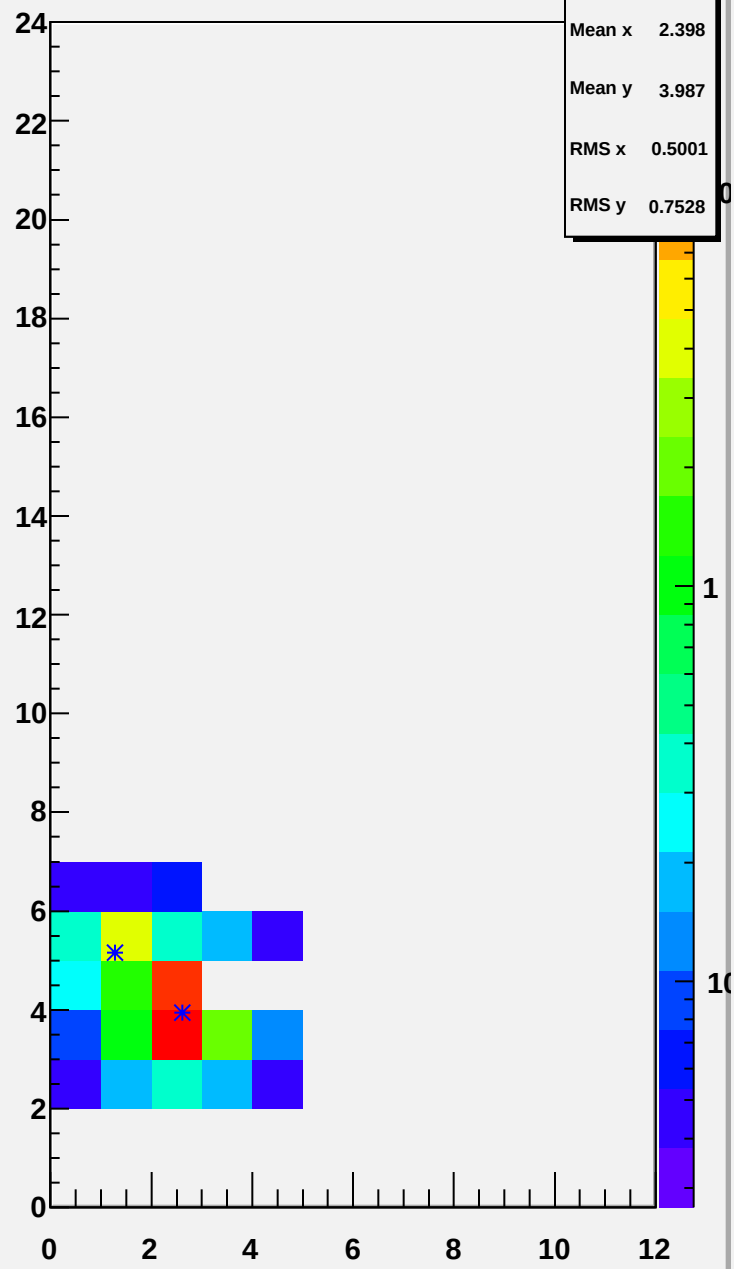
Efit

Entries	288
Mean x	1.81
Mean y	8.073
RMS x	0.9727
RMS y	7.501

NSTB3_r4_c3_En=47.7_m0=0.153_m1=0.153_index=400



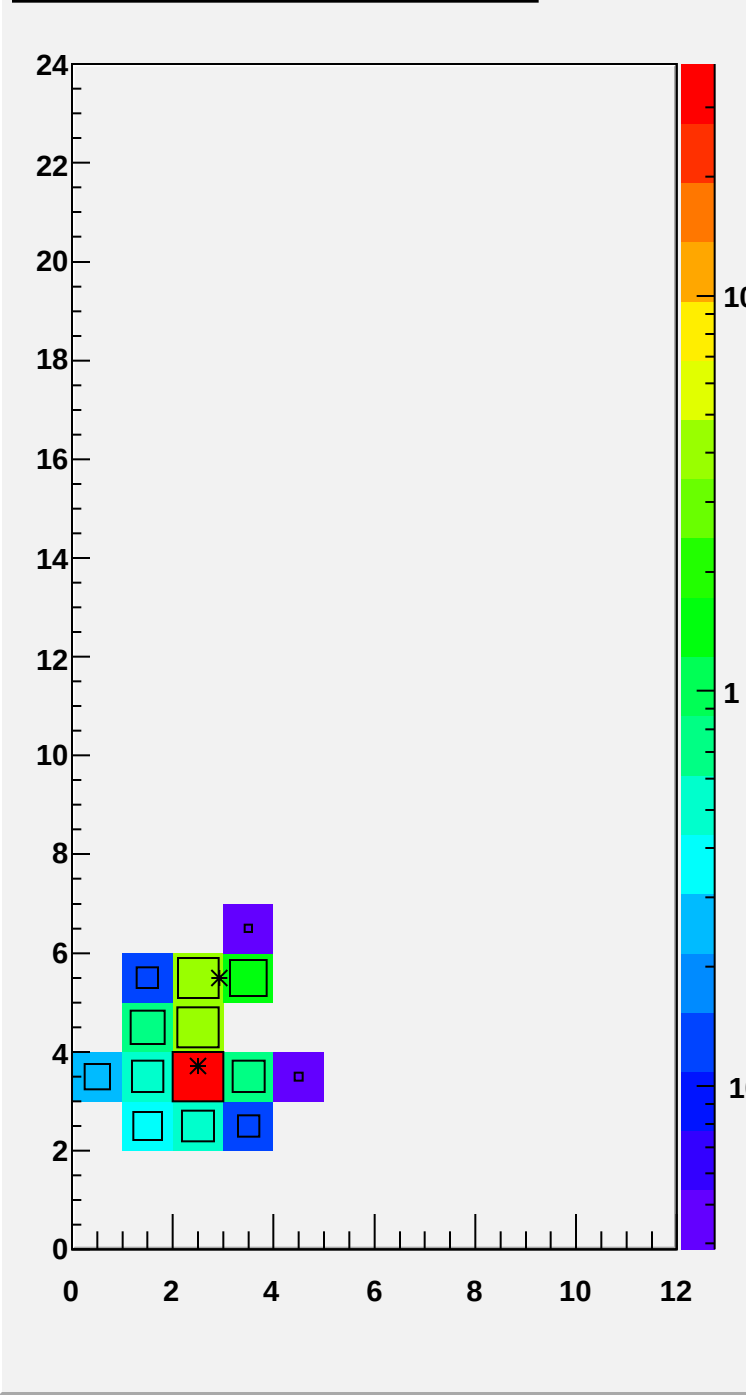
Fitted Energies



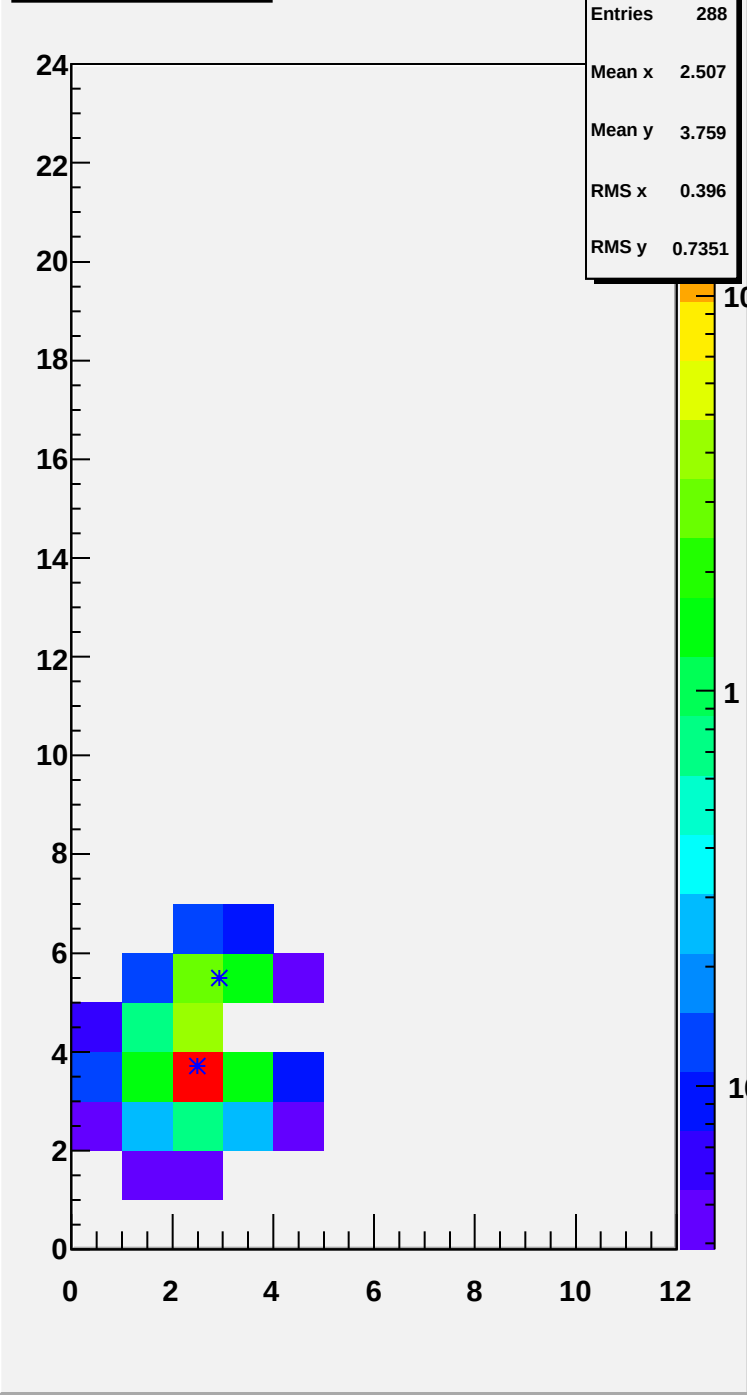
Efit

Entries	288
Mean x	2.398
Mean y	3.987
RMS x	0.5001
RMS y	0.7528

NSTB3_r4_c3_En=51.0_m0=0.152 m1=0.152 index=401

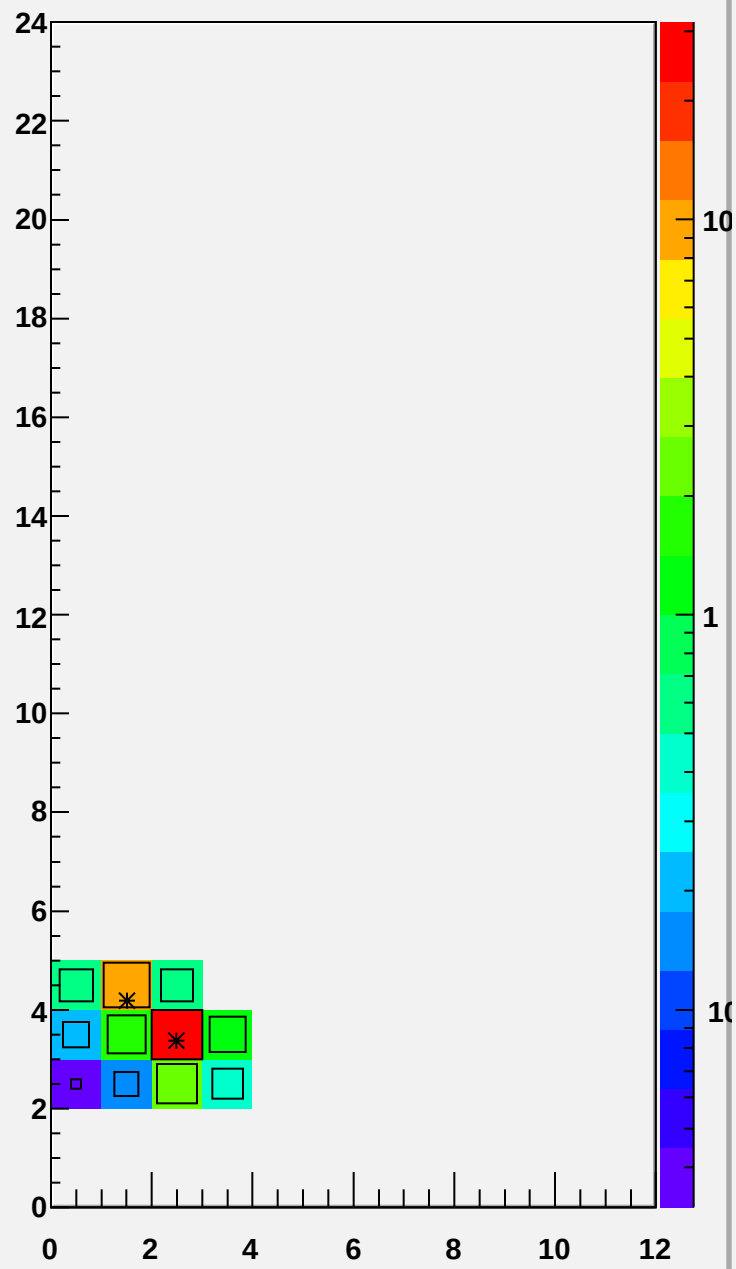


Fitted Energies

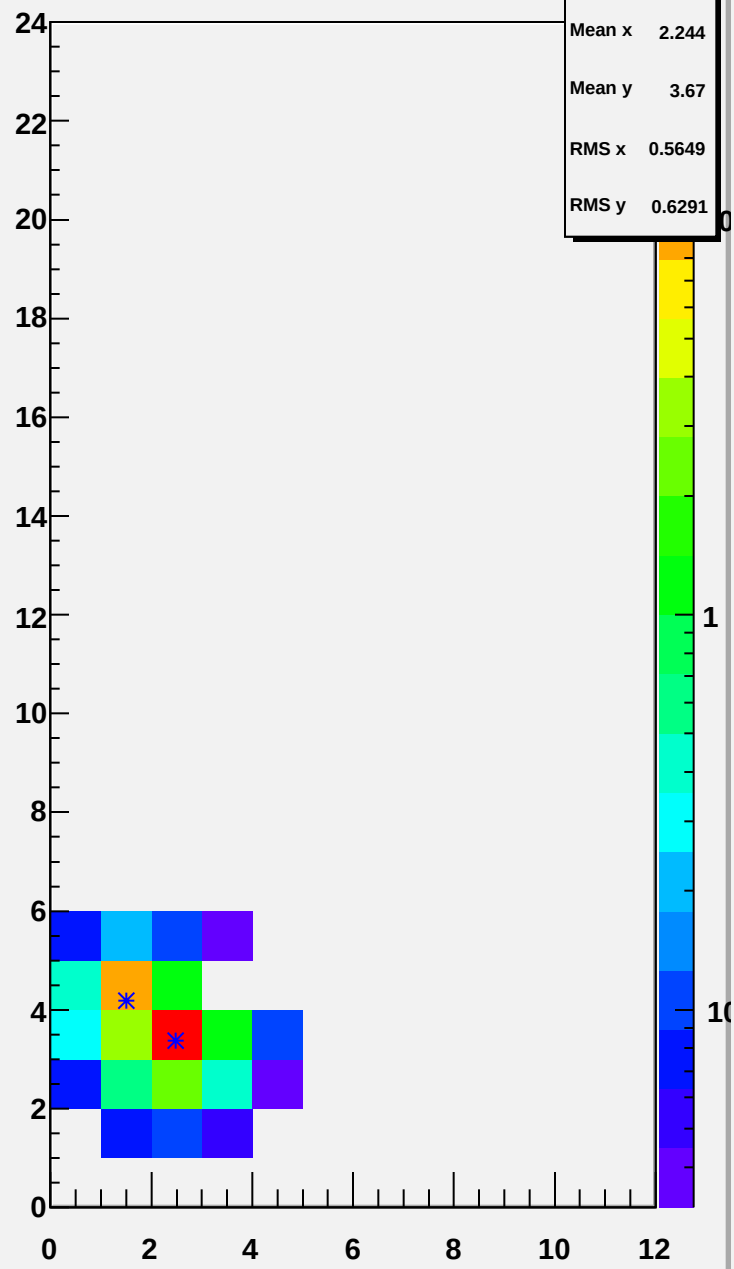


Efit	
Entries	288
Mean x	2.507
Mean y	3.759
RMS x	0.396
RMS y	0.7351

NSTB3_r4_c3_En=48.3_m0=0.156 m1=0.156 index=403



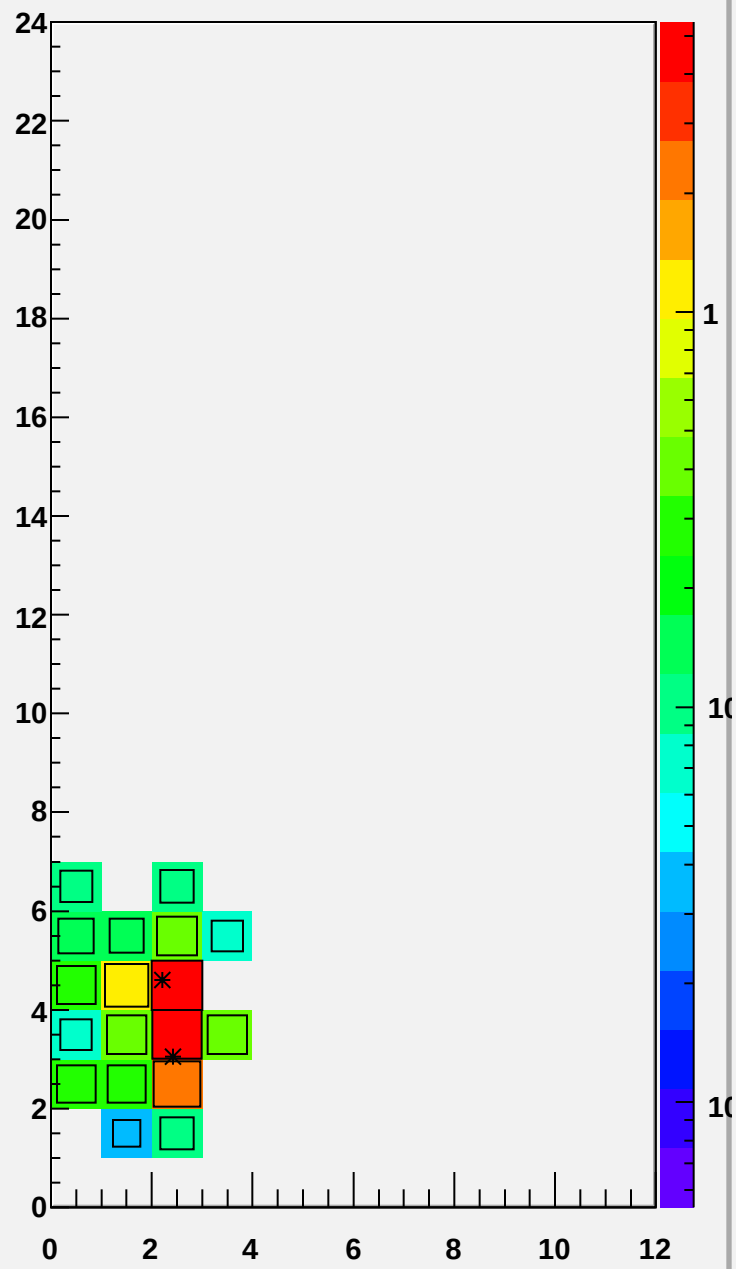
Fitted Energies



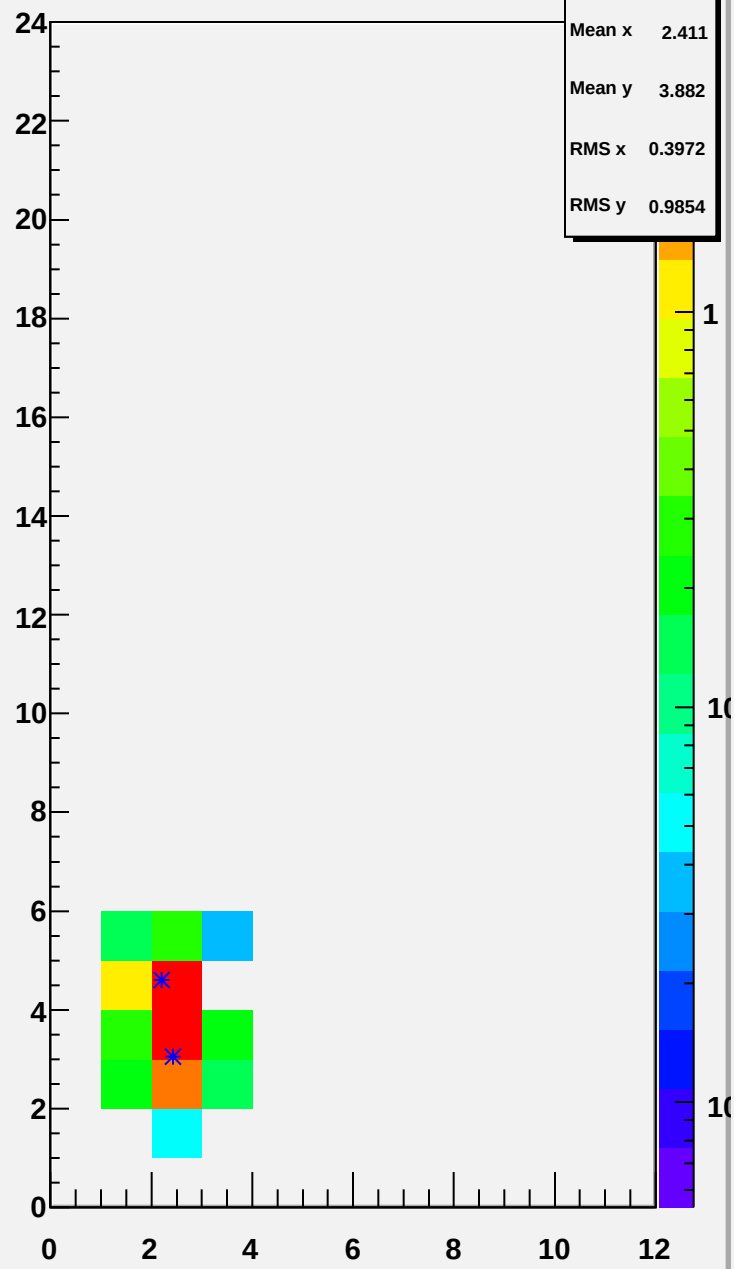
Efit

Entries	288
Mean x	2.244
Mean y	3.67
RMS x	0.5649
RMS y	0.6291

NSTB3_r4_c3_En=15.5_m0=0.063 m1=0.063 index=405



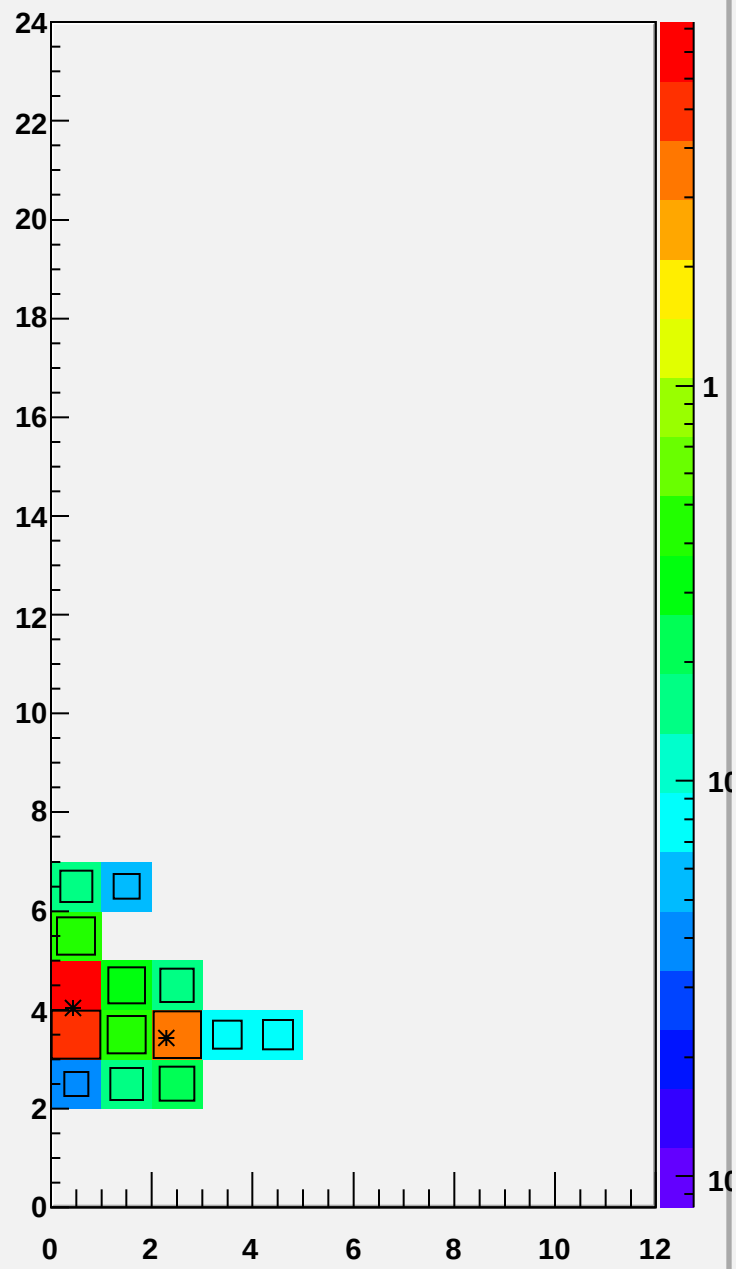
Fitted Energies



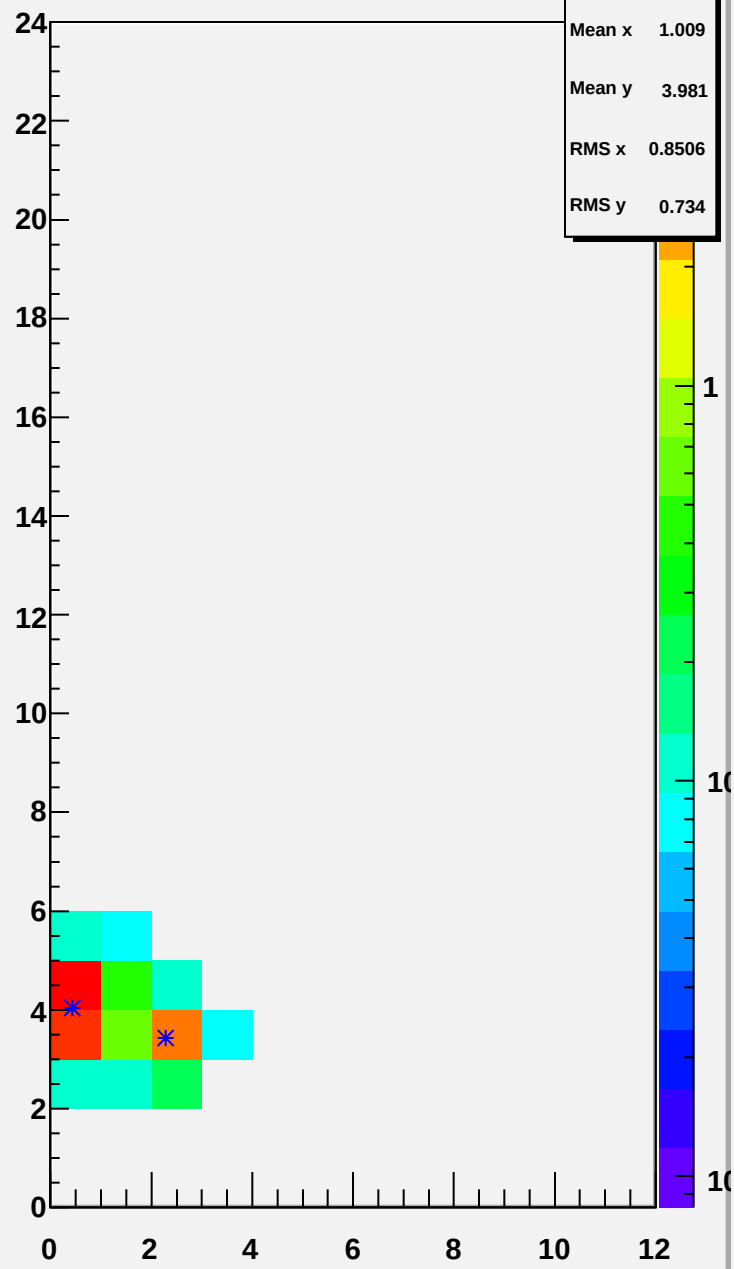
Efit

Entries	288
Mean x	2.411
Mean y	3.882
RMS x	0.3972
RMS y	0.9854

NSTB3_r4_c3_En=19.4_m0=0.093 m1=0.093 index=406



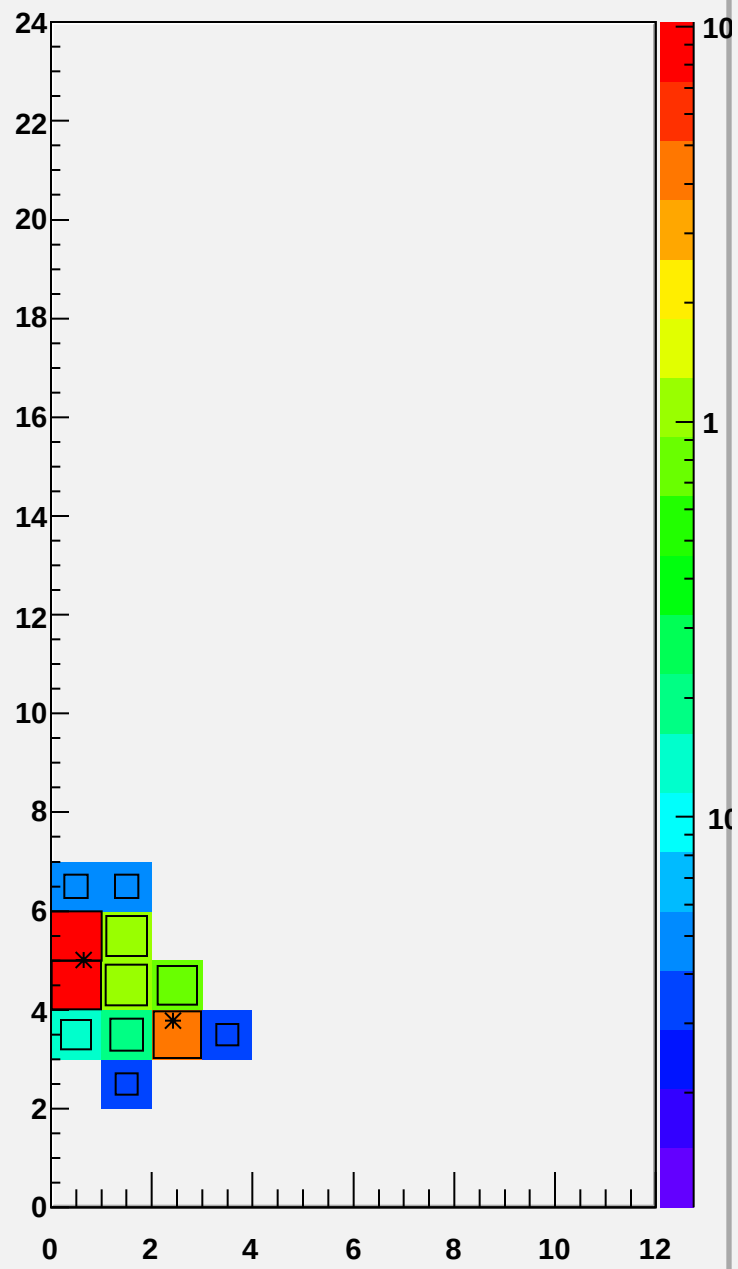
Fitted Energies



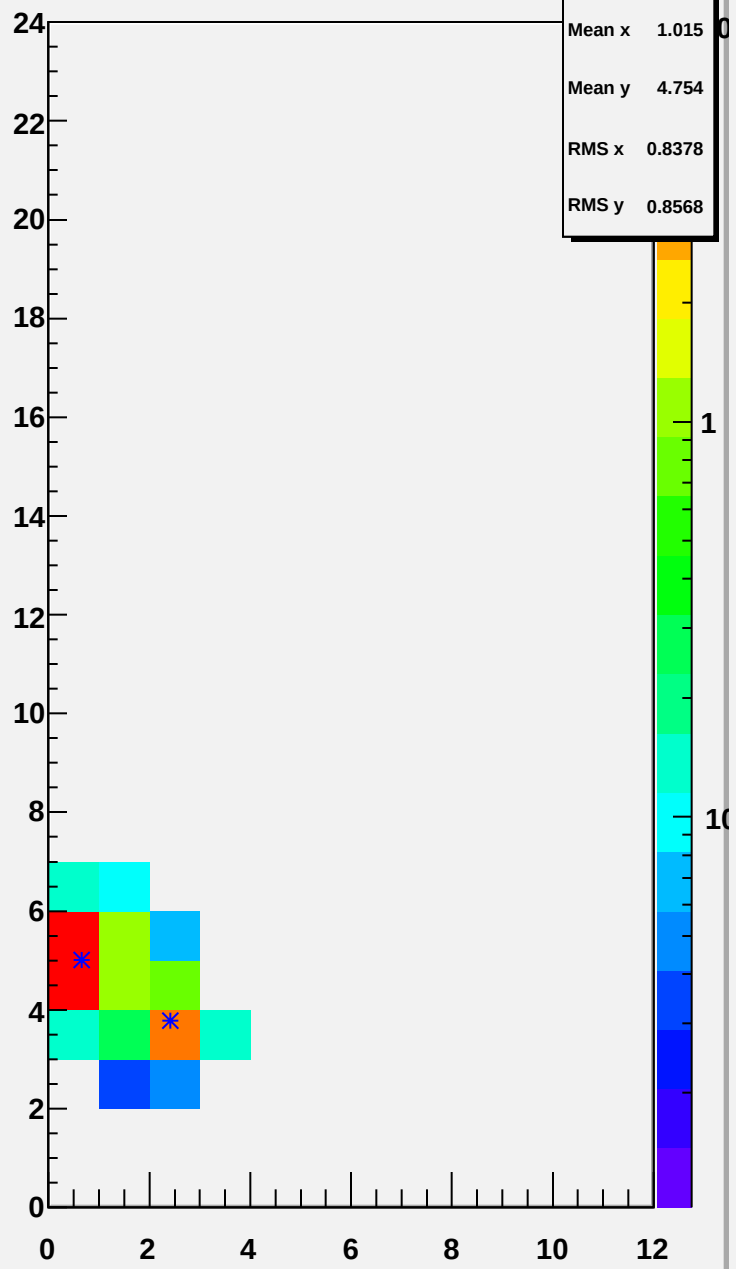
Efit

Entries	288
Mean x	1.009
Mean y	3.981
RMS x	0.8506
RMS y	0.734

NSTB3_r4_c3_En=26.4_m0=0.138 m1=0.137 index=407



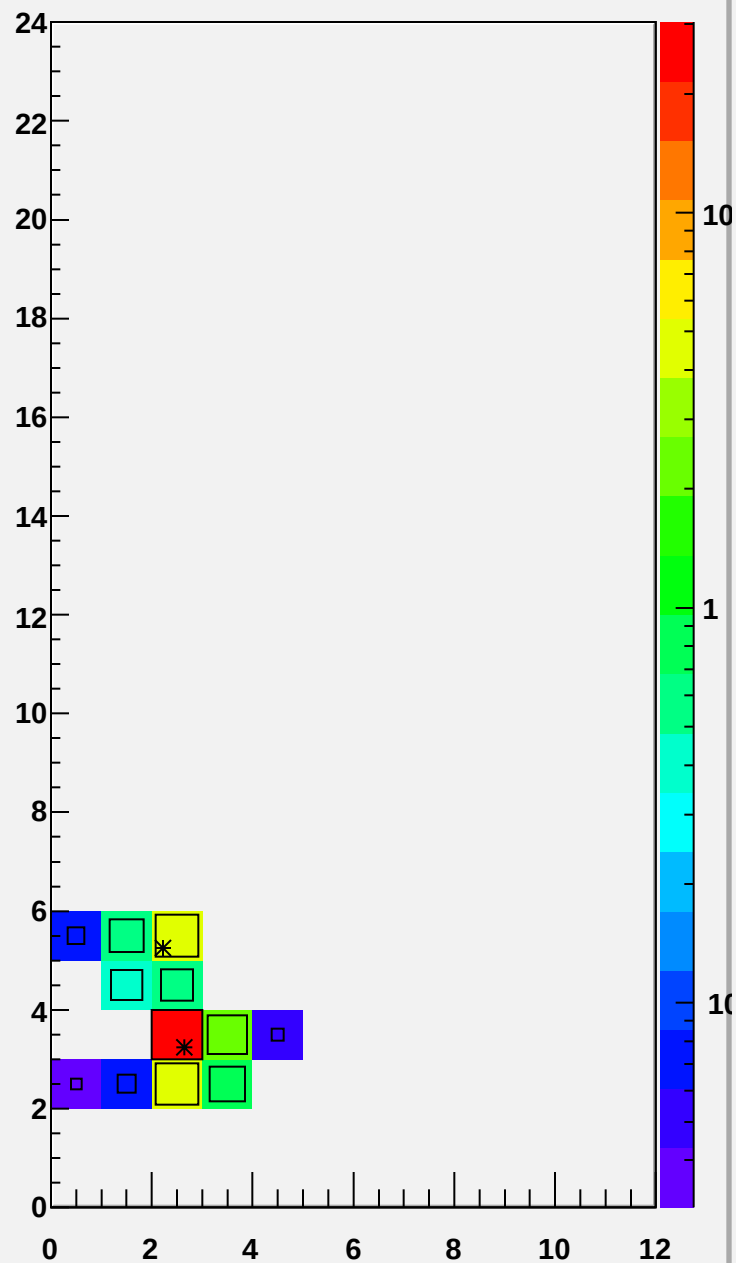
Fitted Energies



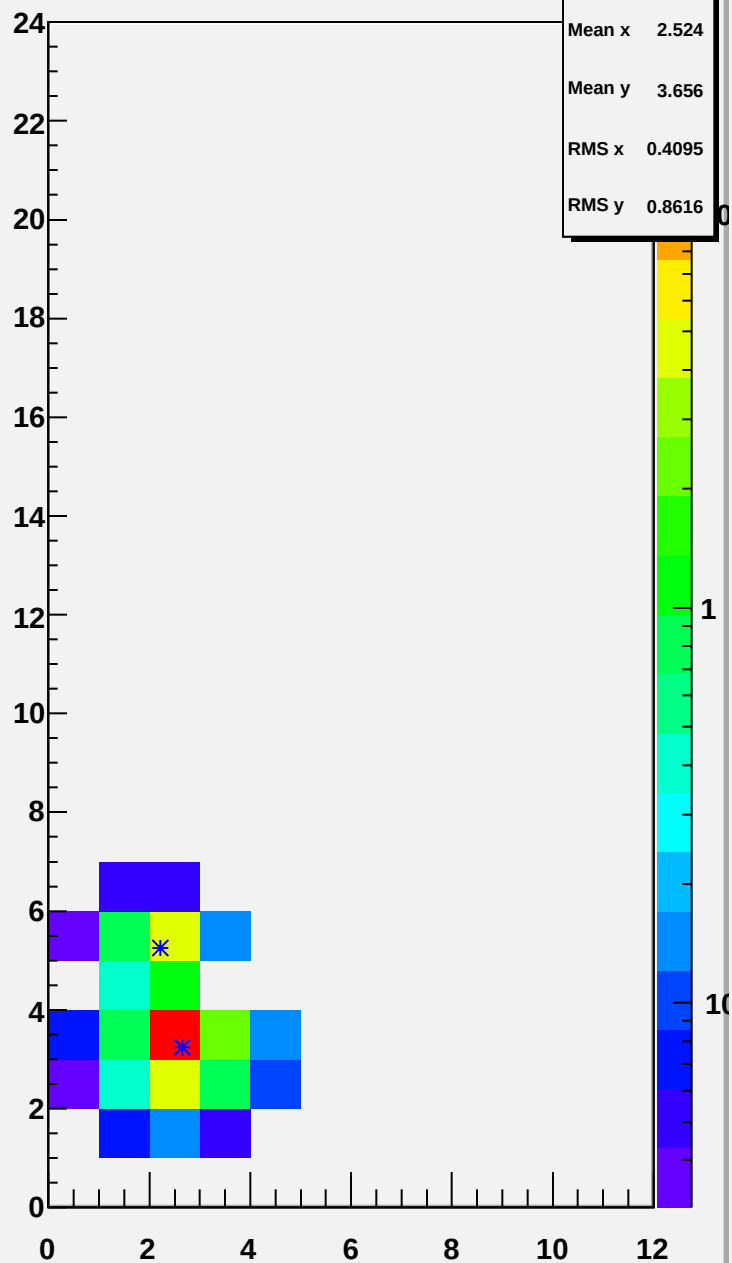
Efit

Entries	288
Mean x	1.015
Mean y	4.754
RMS x	0.8378
RMS y	0.8568

NSTB3_r4_c3_En=43.9_m0=0.182_m1=0.181_index=408



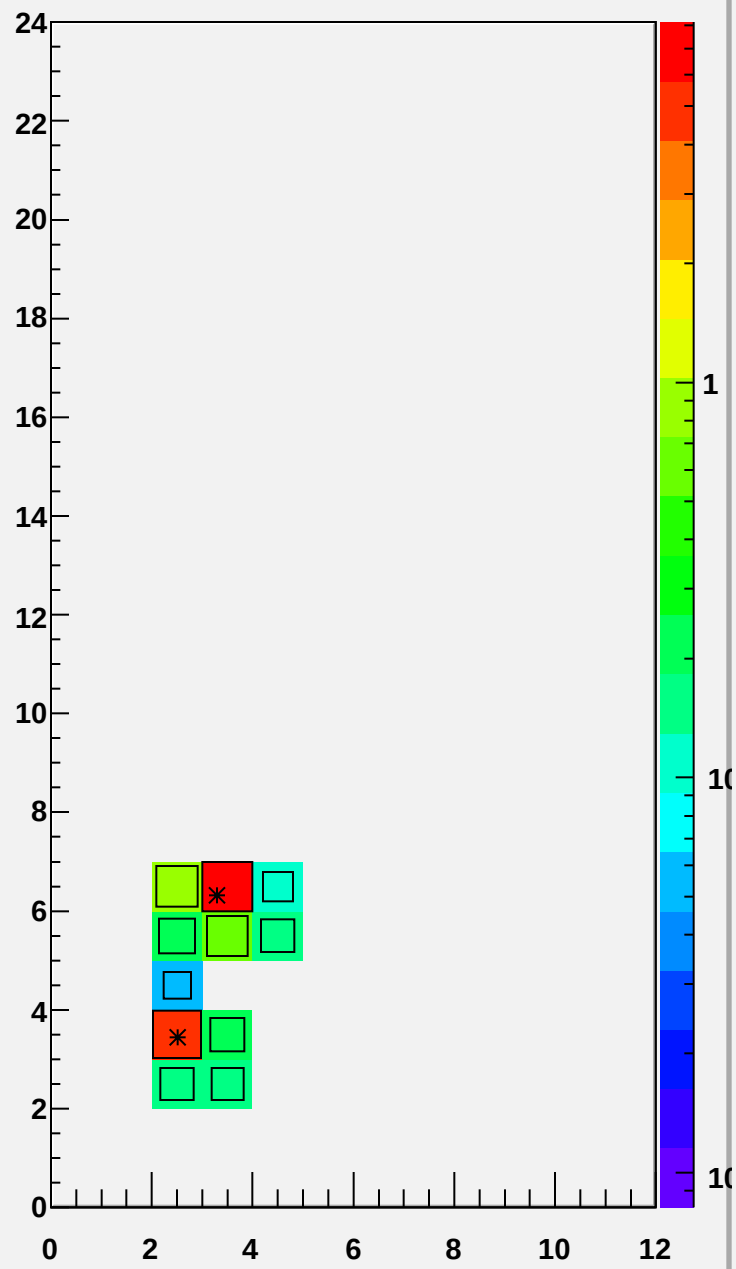
Fitted Energies



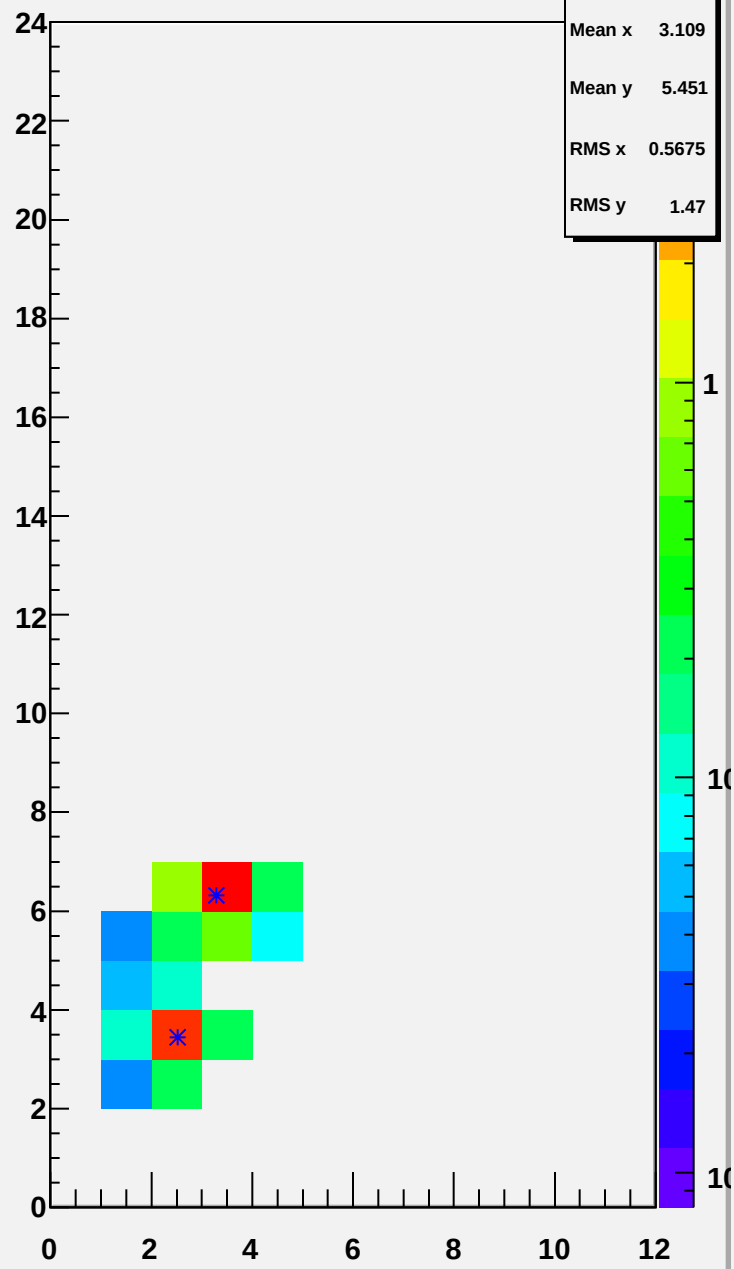
Efit

Entries	288
Mean x	2.524
Mean y	3.656
RMS x	0.4095
RMS y	0.8616

NSTB3_r4_c3_En=15.2_m0=0.124_m1=0.125_index=409



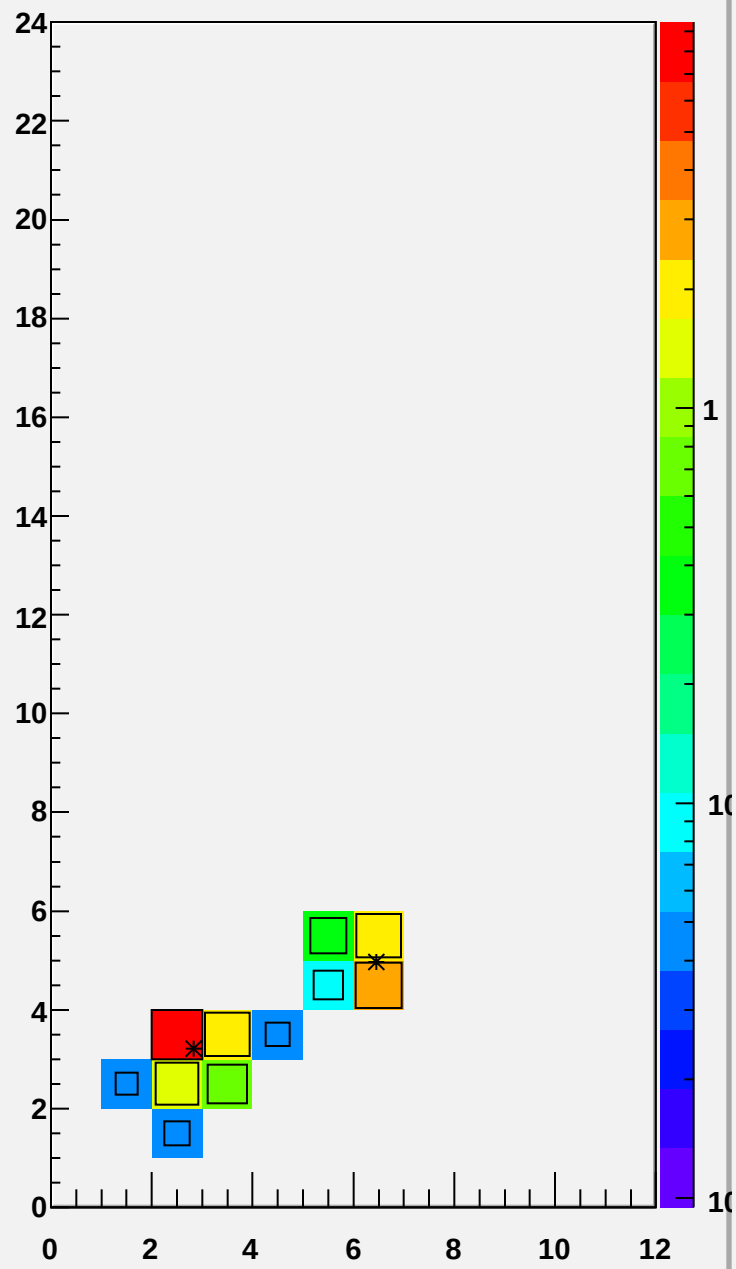
Fitted Energies



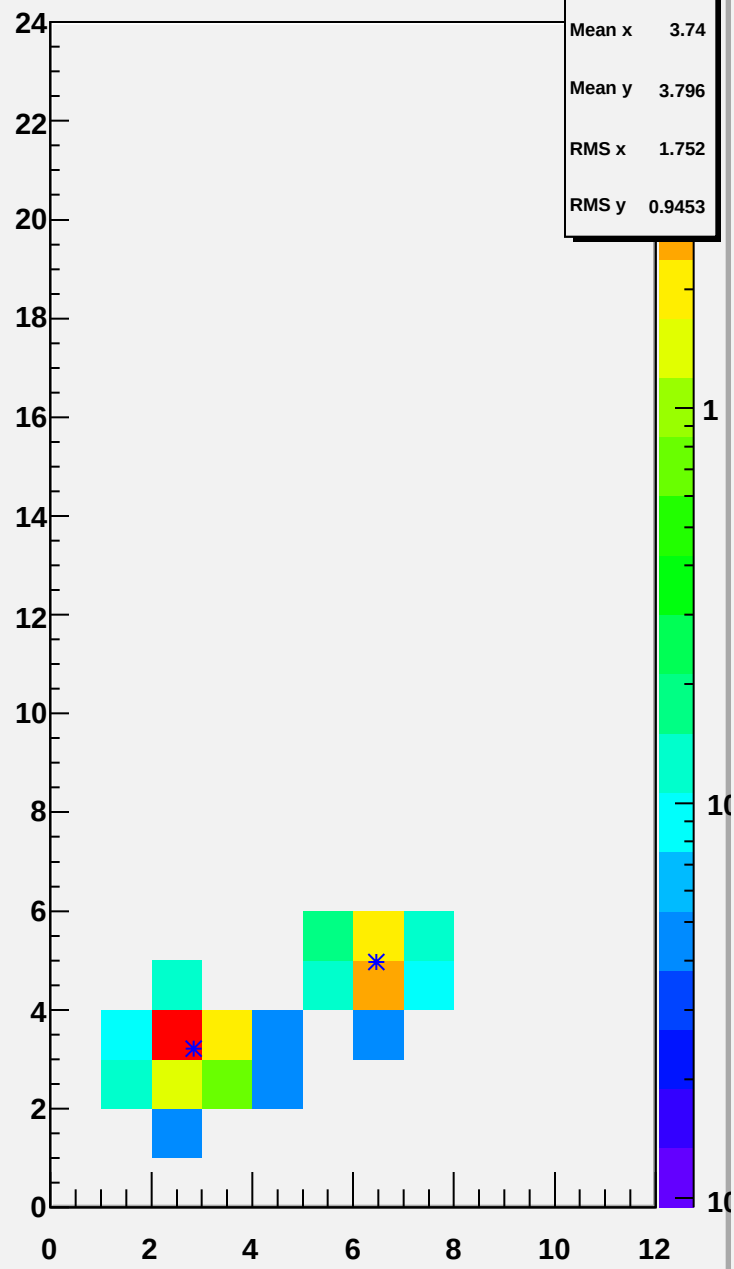
Efit

Entries	288
Mean x	3.109
Mean y	5.451
RMS x	0.5675
RMS y	1.47

NSTB3_r4_c3_En=19.0_m0=0.200_m1=0.200_index=410



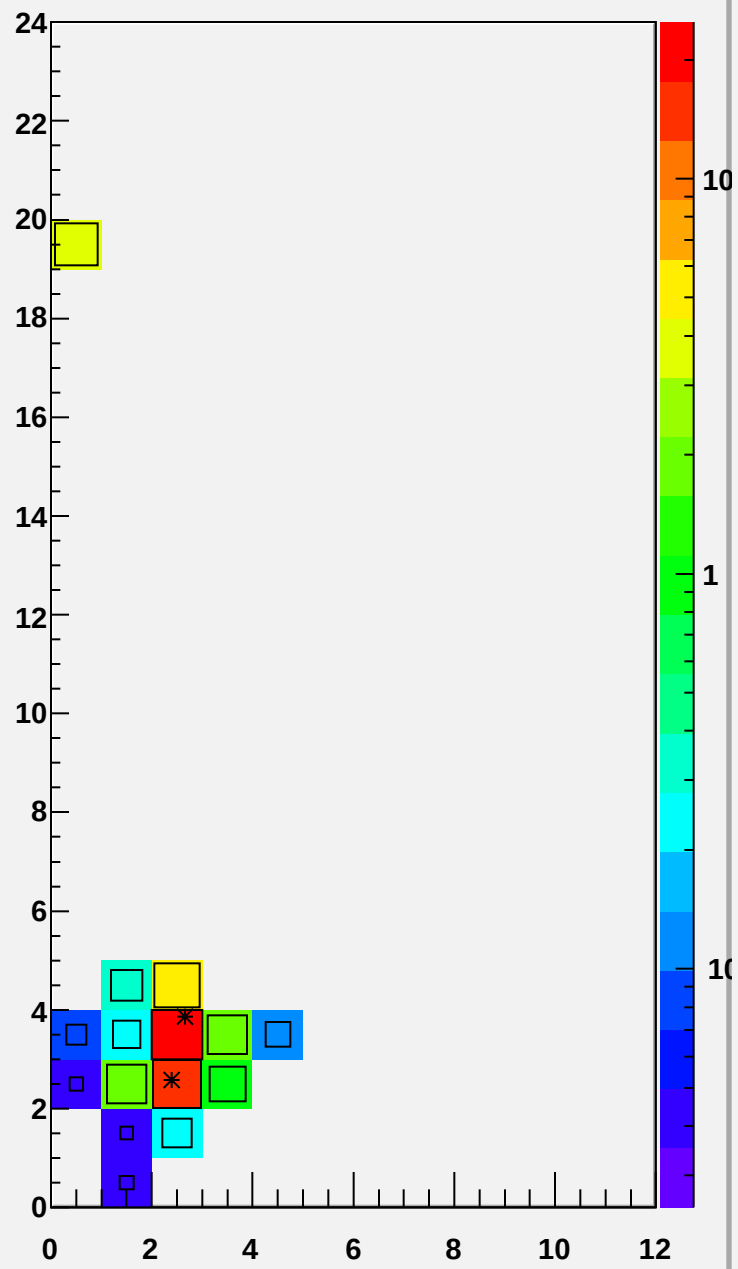
Fitted Energies



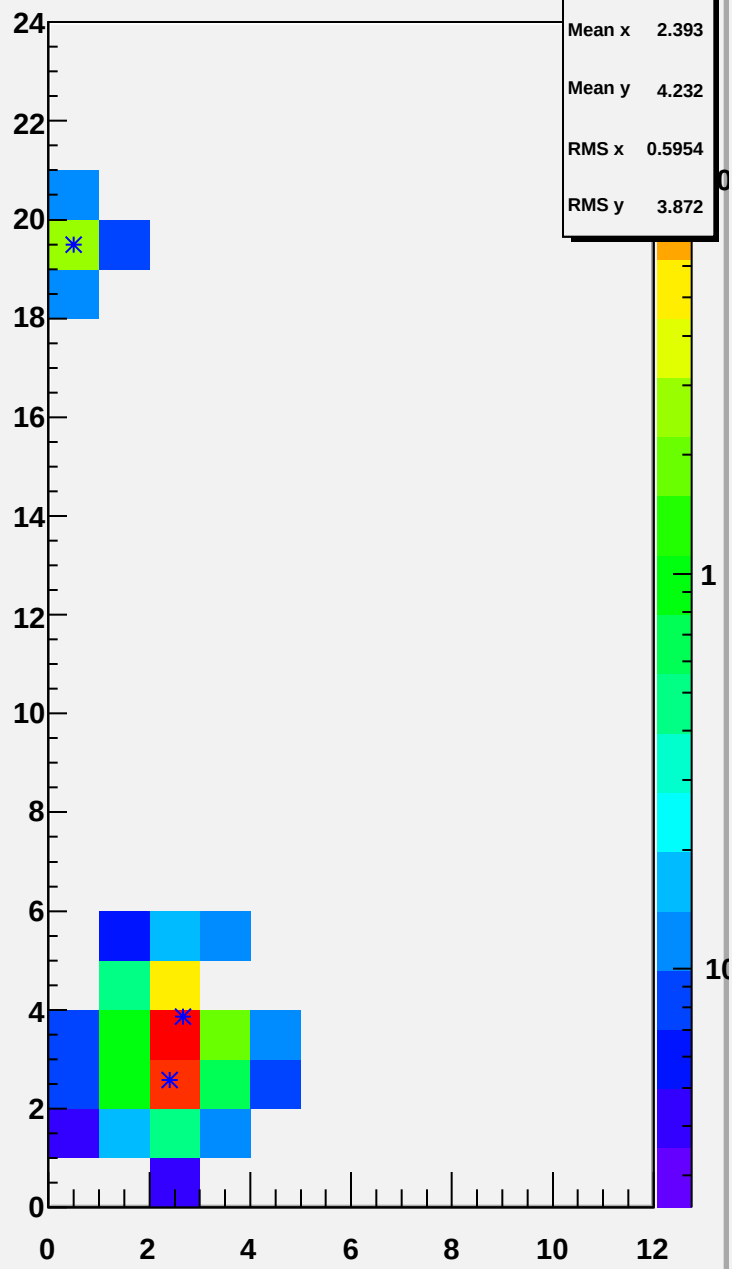
Efit

Entries	288
Mean x	3.74
Mean y	3.796
RMS x	1.752
RMS y	0.9453

NSTB3_r4_c3_En=54.2_m0=0.178 m1=0.178 index=412



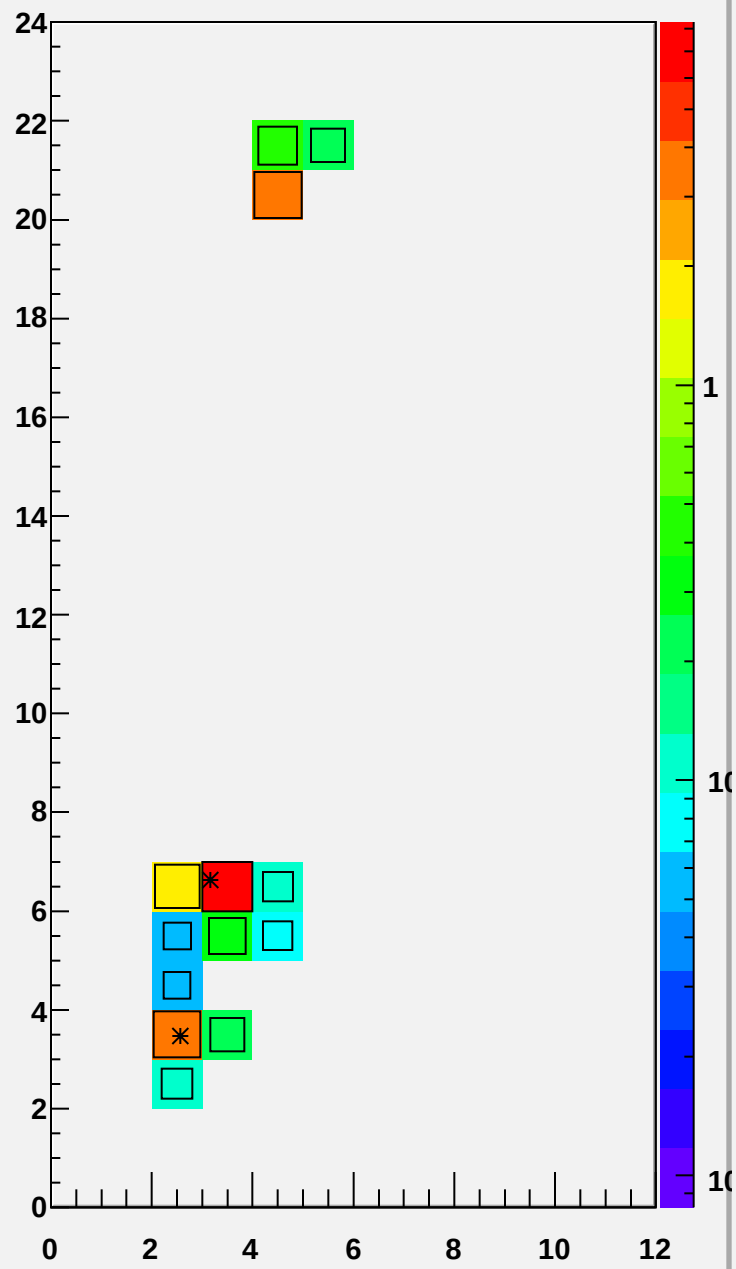
Fitted Energies



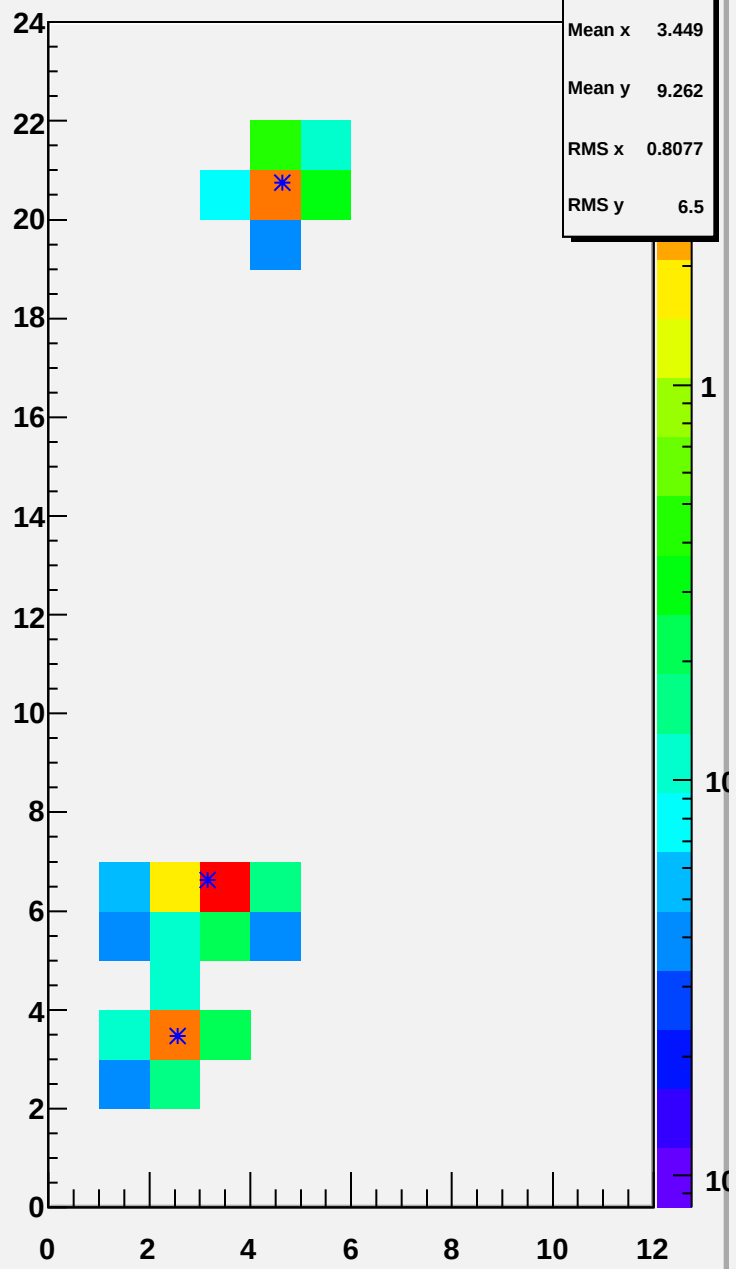
Efit

Entries	288
Mean x	2.393
Mean y	4.232
RMS x	0.5954
RMS y	3.872

NSTB3_r4_c3_En=19.1_m0=0.125_m1=0.125_index=413



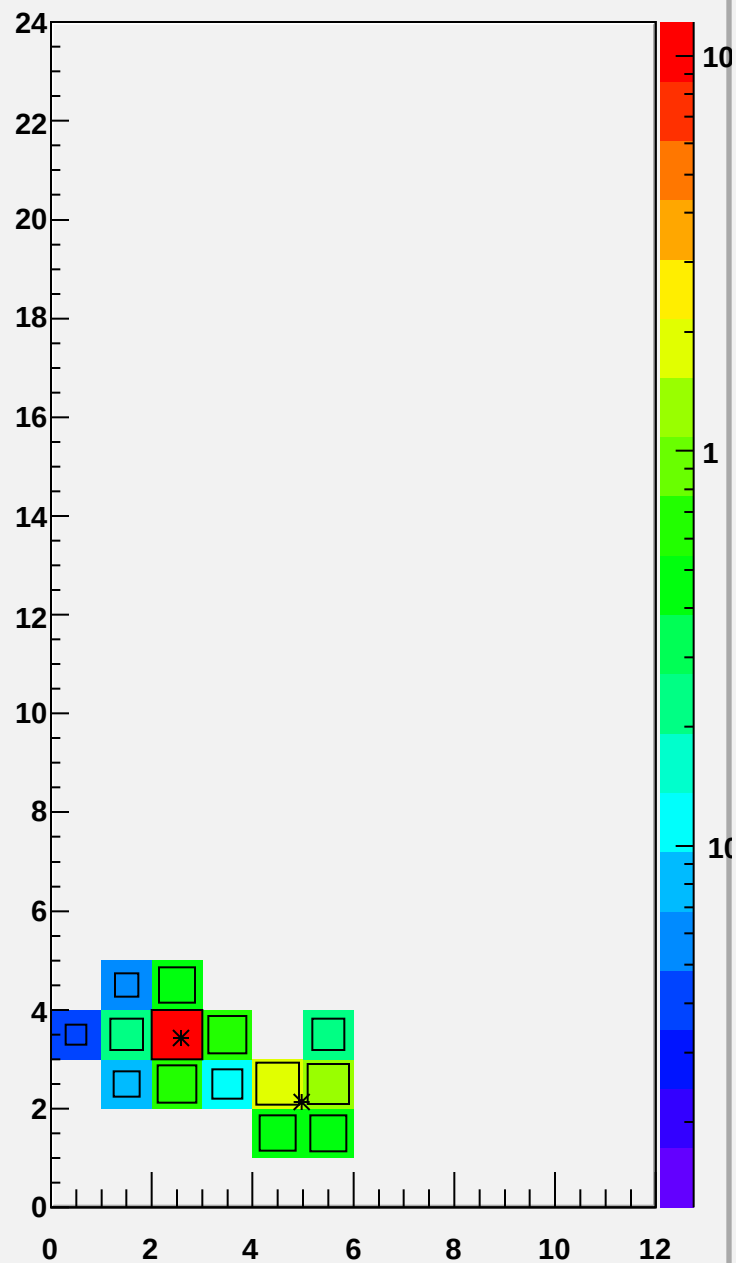
Fitted Energies



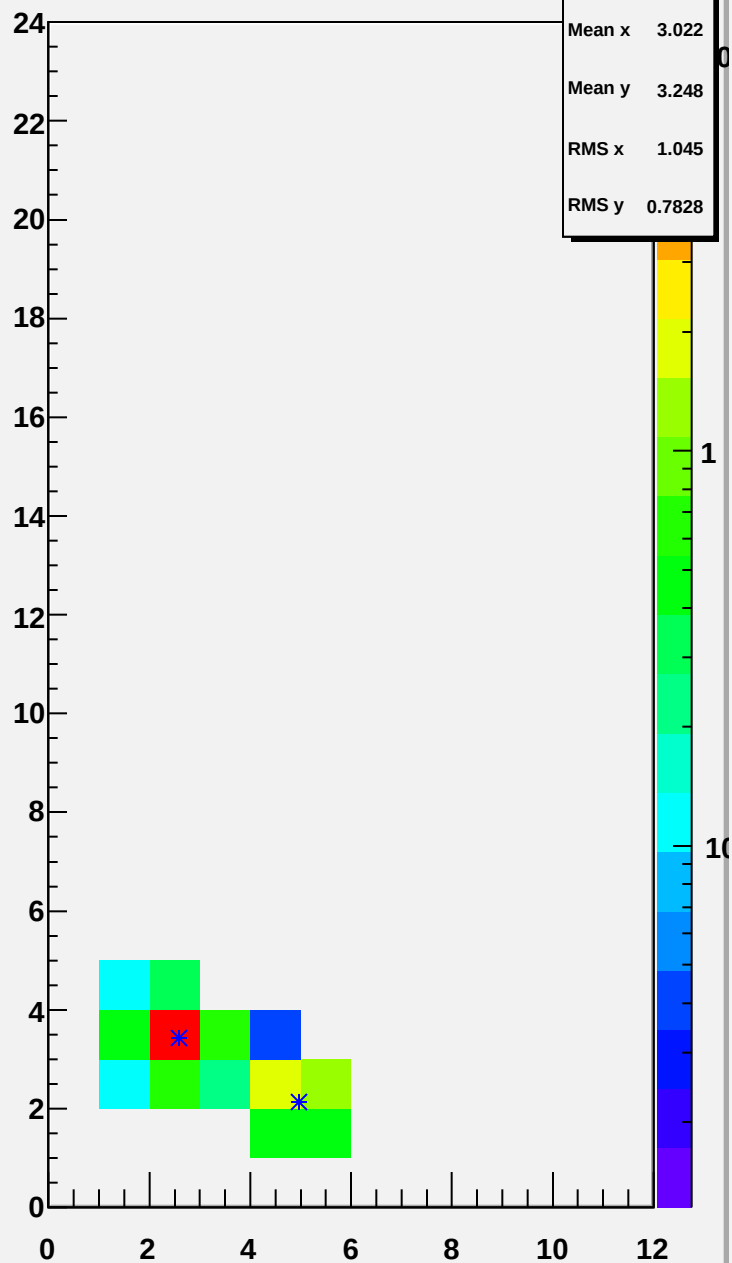
Efit

Entries	288
Mean x	3.449
Mean y	9.262
RMS x	0.8077
RMS y	6.5

NSTB3_r4_c3_En=18.4_m0=0.115_m1=0.116_index=414



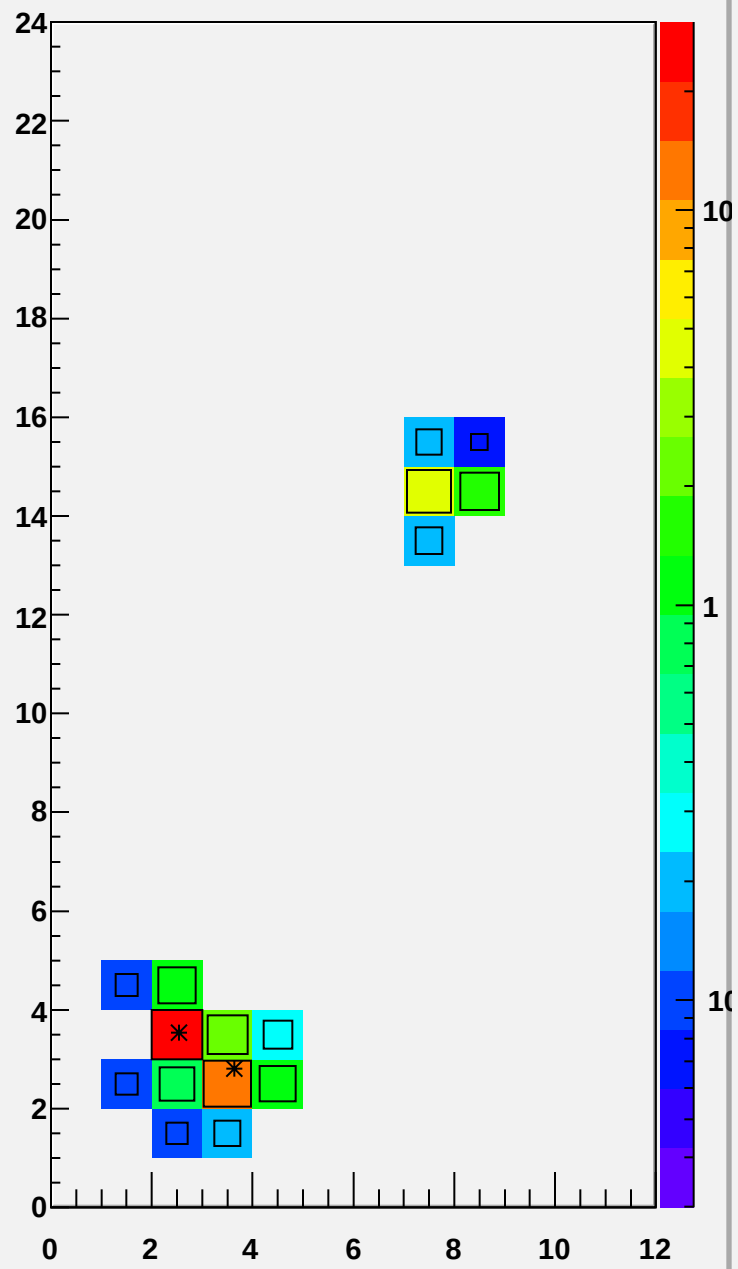
Fitted Energies



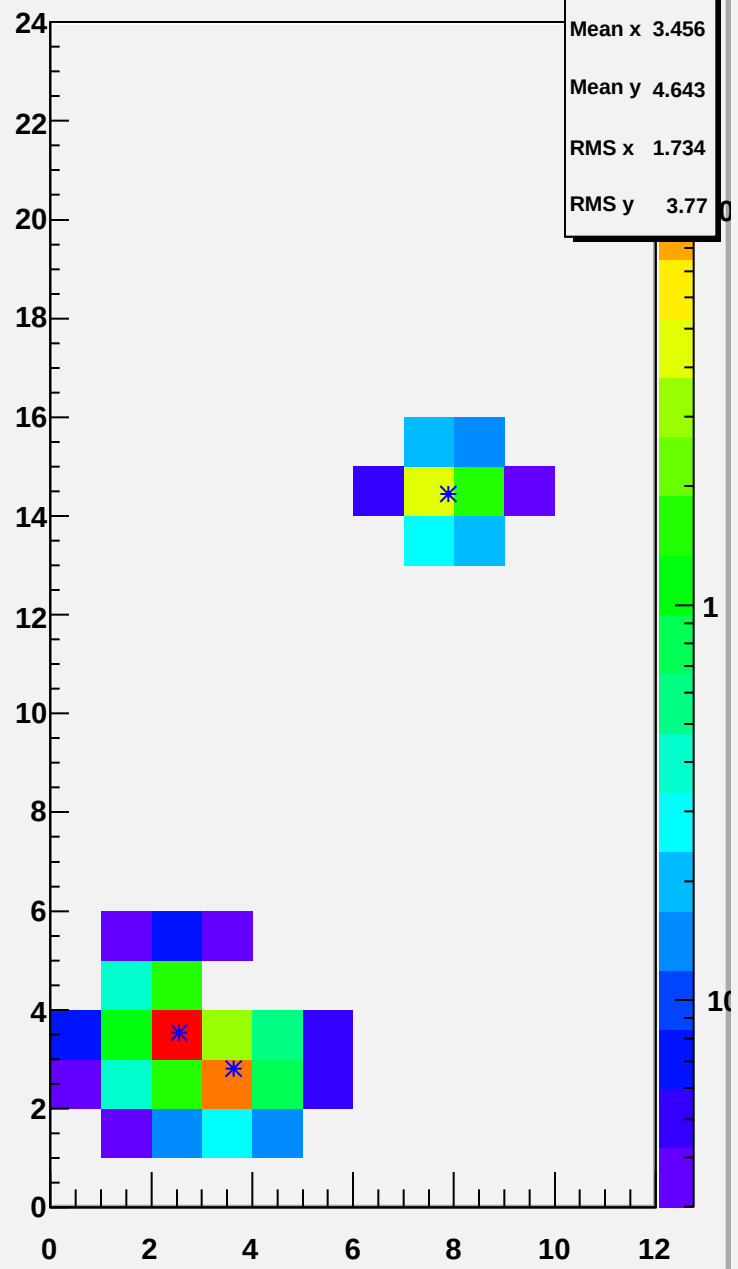
Efit

Entries	288
Mean x	3.022
Mean y	3.248
RMS x	1.045
RMS y	0.7828

NSTB3_r4_c3_En=55.4_m0=0.174 m1=0.174 index=416



Fitted Energies



Efit

Entries 288

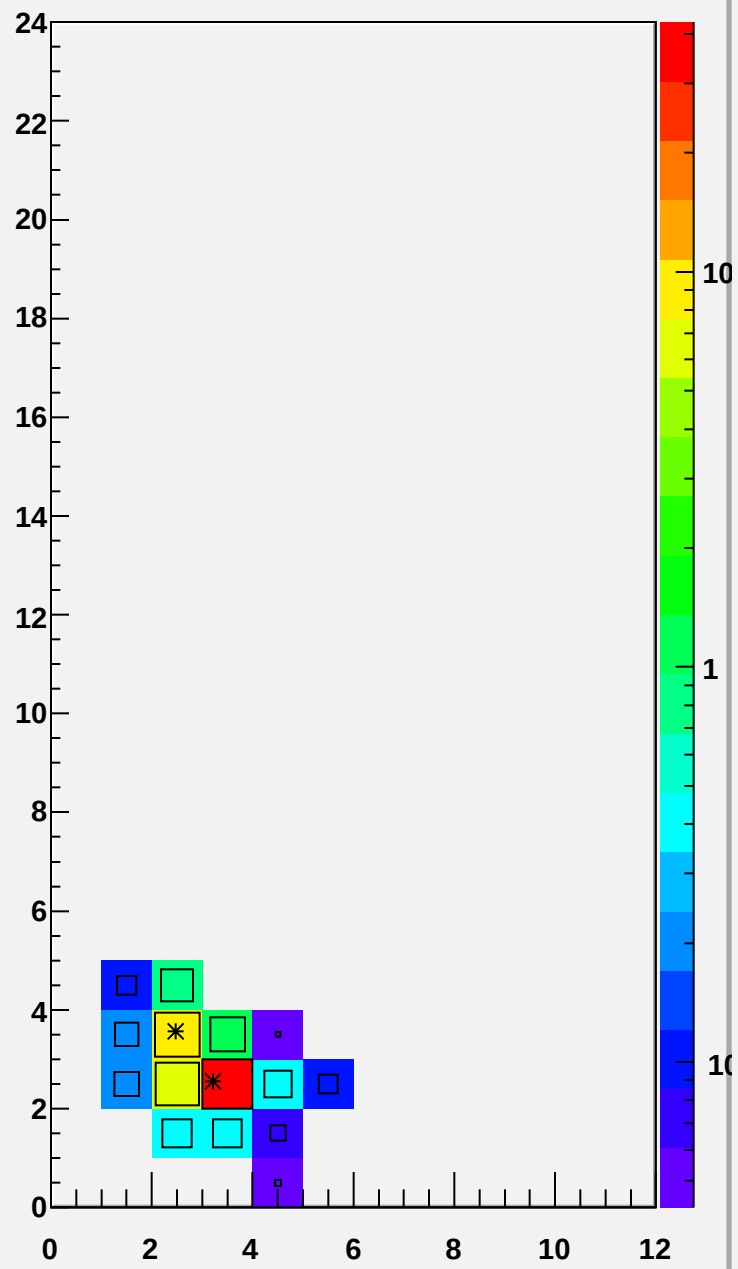
Mean x 3.456

Mean y 4.643

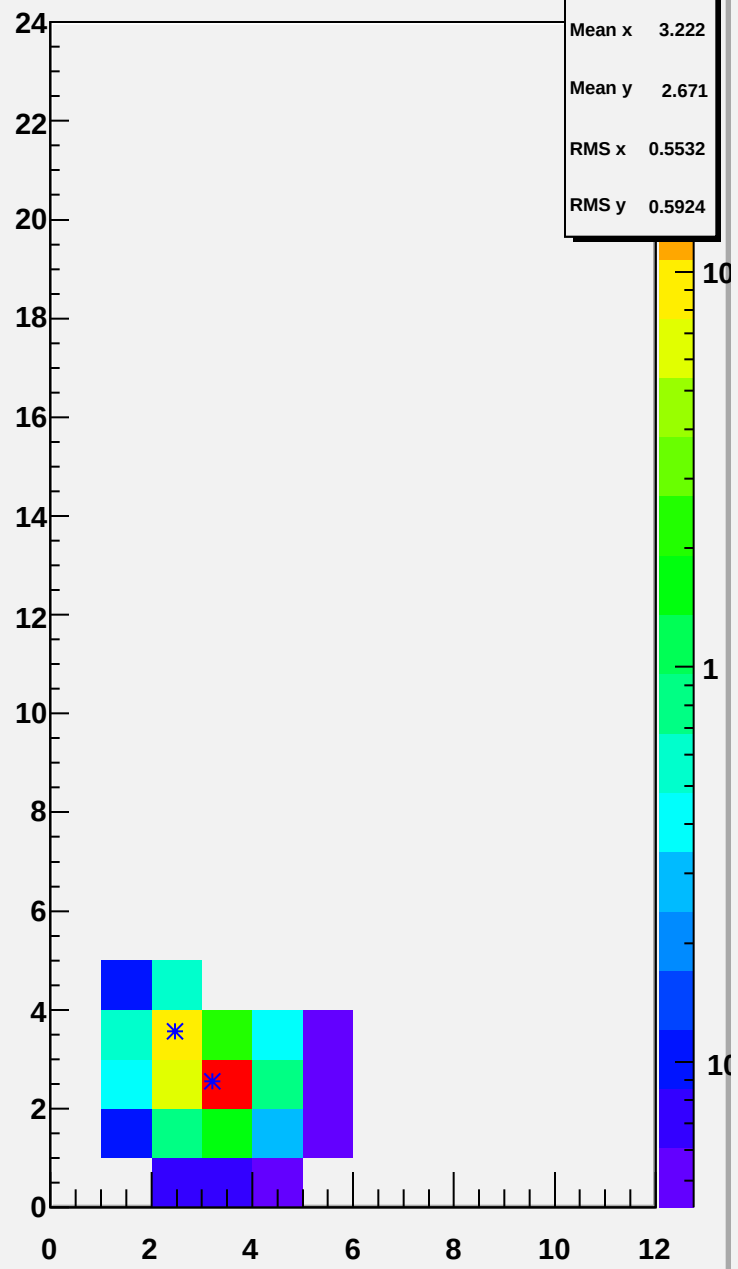
RMS x 1.734

RMS y 3.770

NSTB3_r4_c3_En=63.4_m0=0.159_m1=0.159_index=417



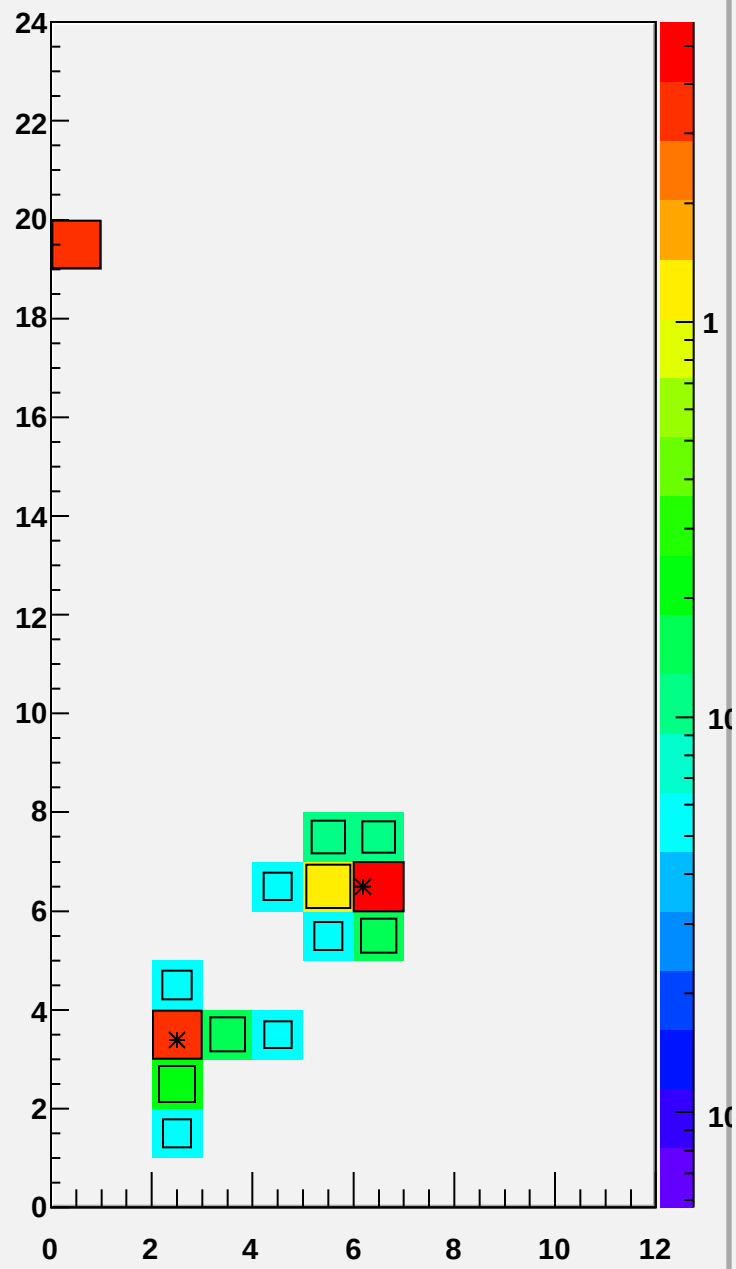
Fitted Energies



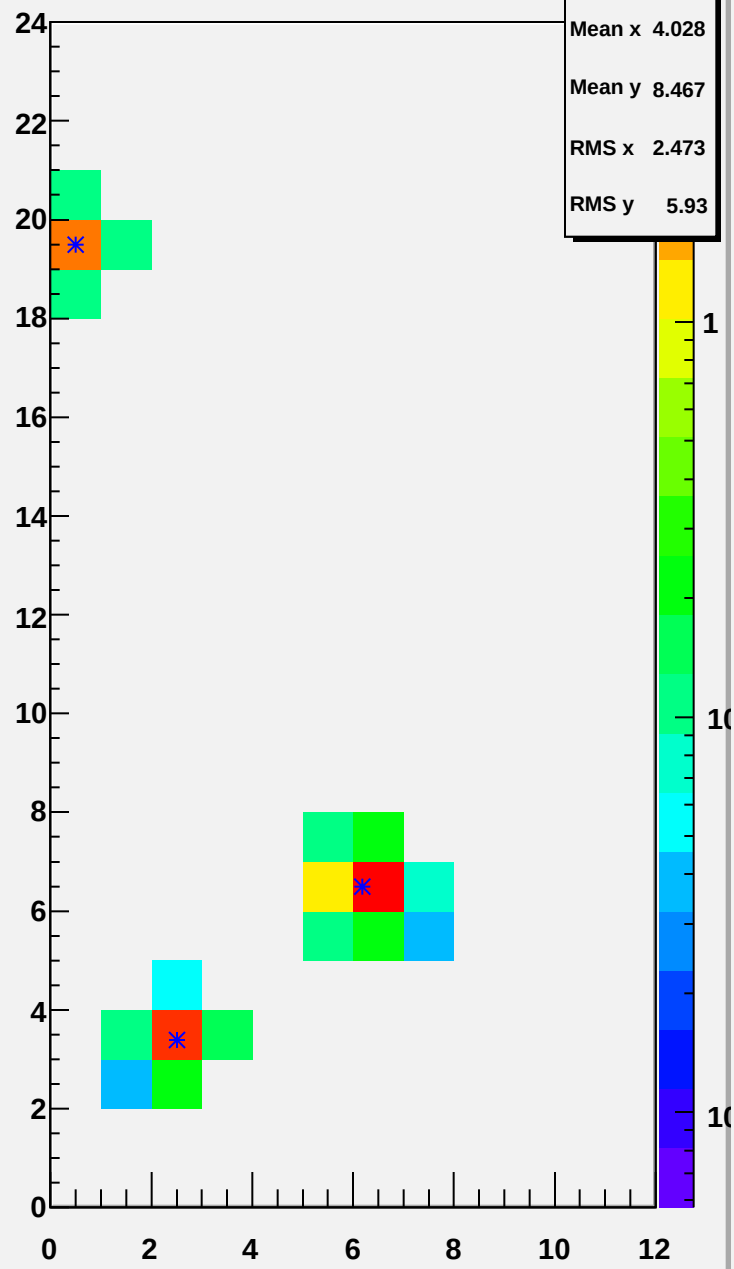
Efit

Entries	288
Mean x	3.222
Mean y	2.671
RMS x	0.5532
RMS y	0.5924

NSTB3_r4_c3_En=14.7_m0=0.154 m1=0.154 index=418



Fitted Energies



Efit

Entries 288

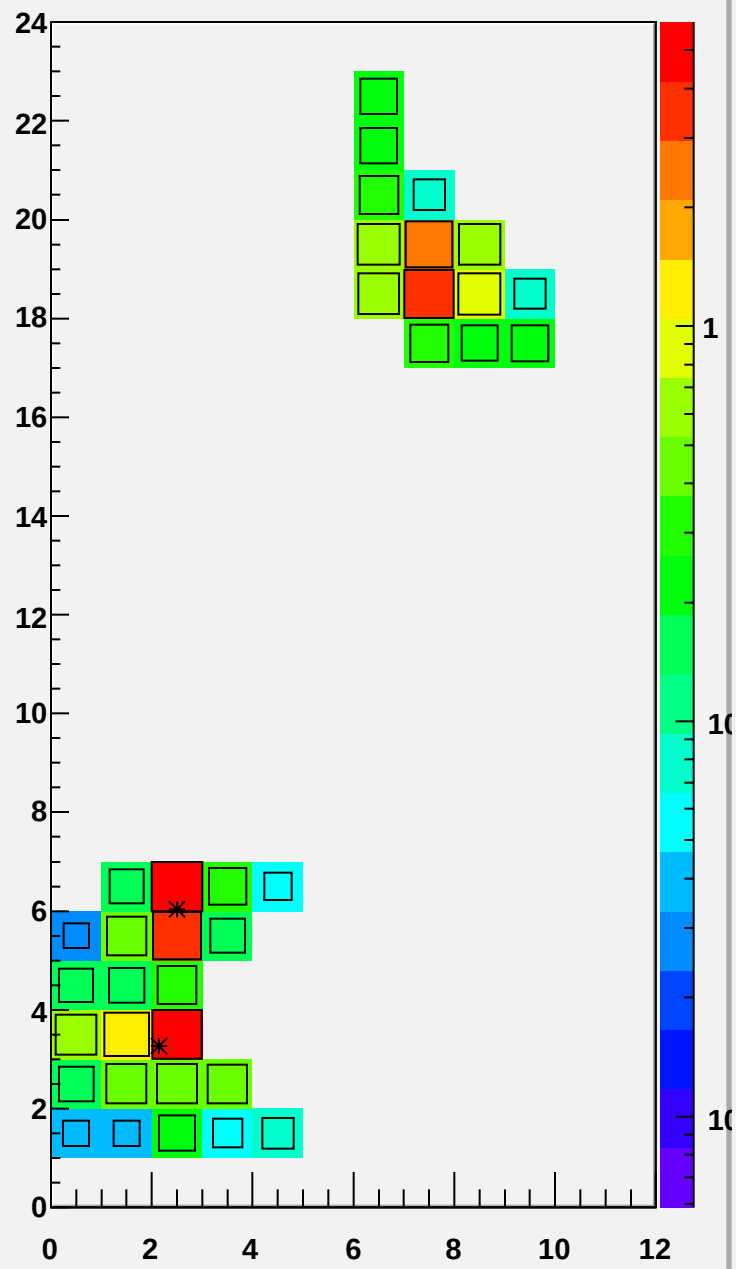
Mean x 4.028

Mean y 8.467

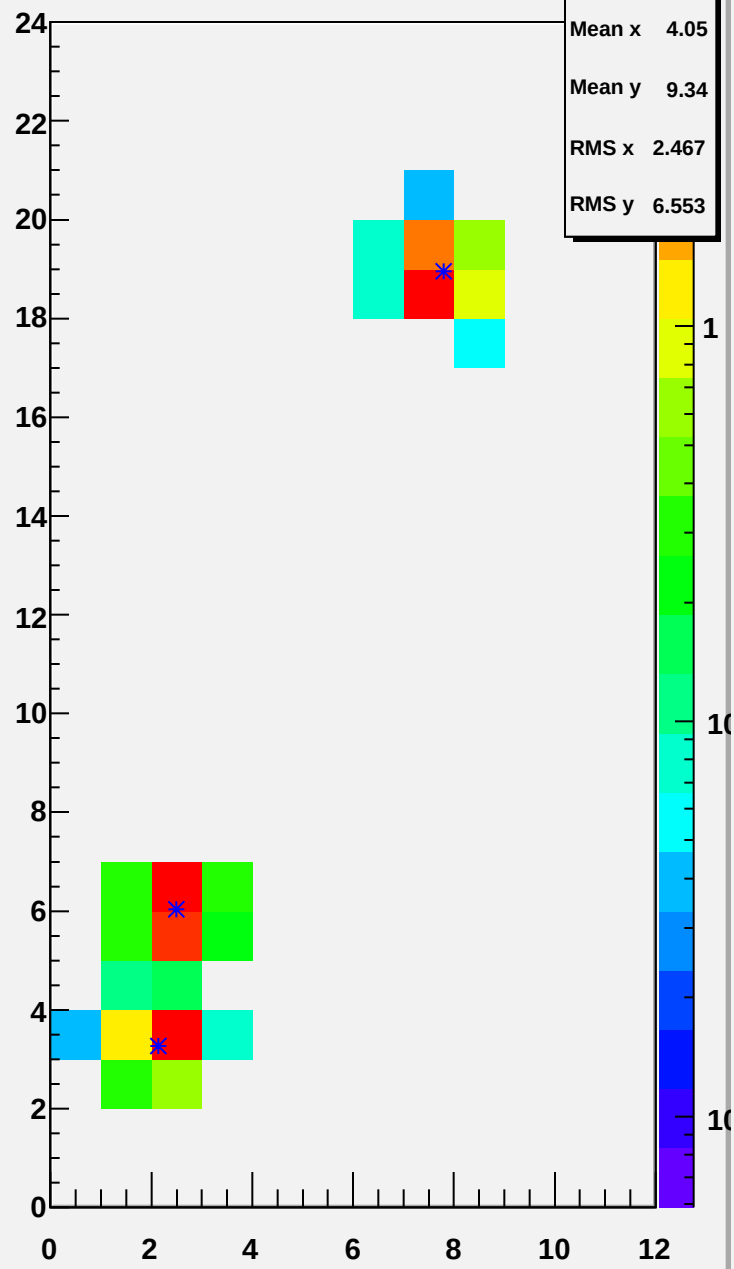
RMS x 2.473

RMS y 5.93

NSTB3_r4_c3_En=30.4_m0=0.141 m1=0.141 index=419



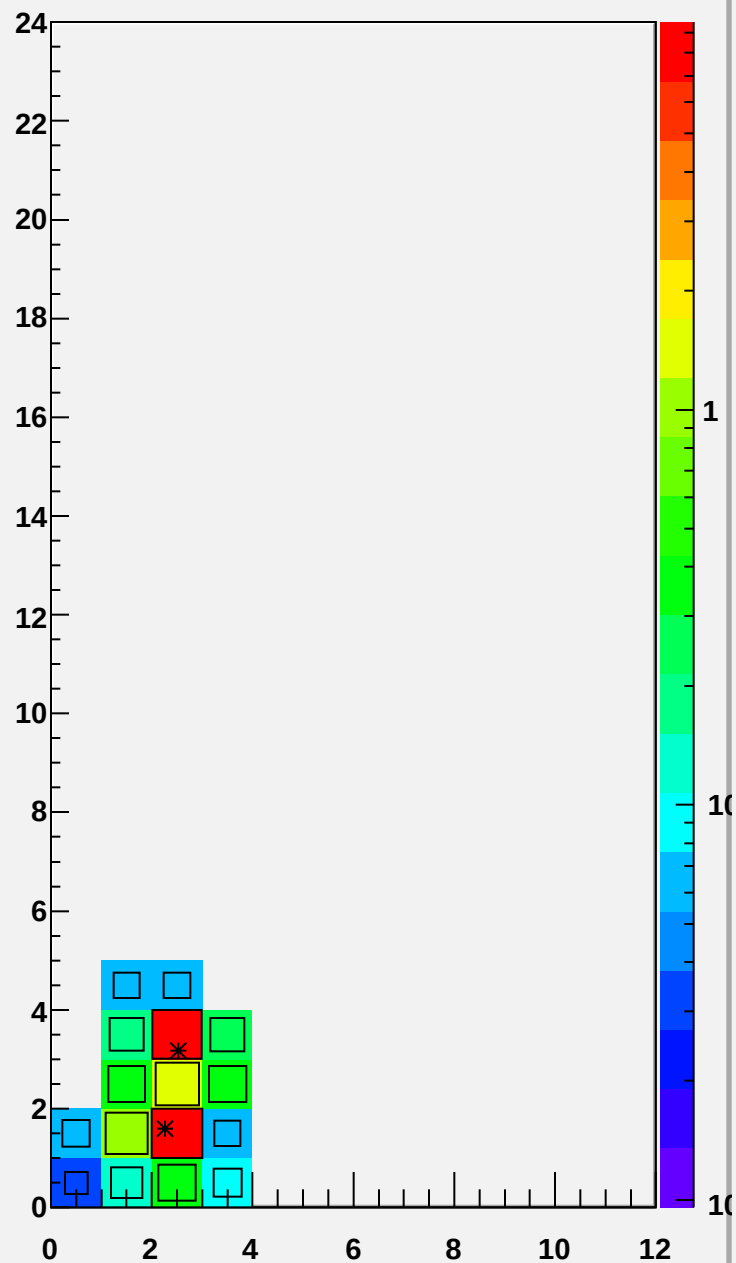
Fitted Energies



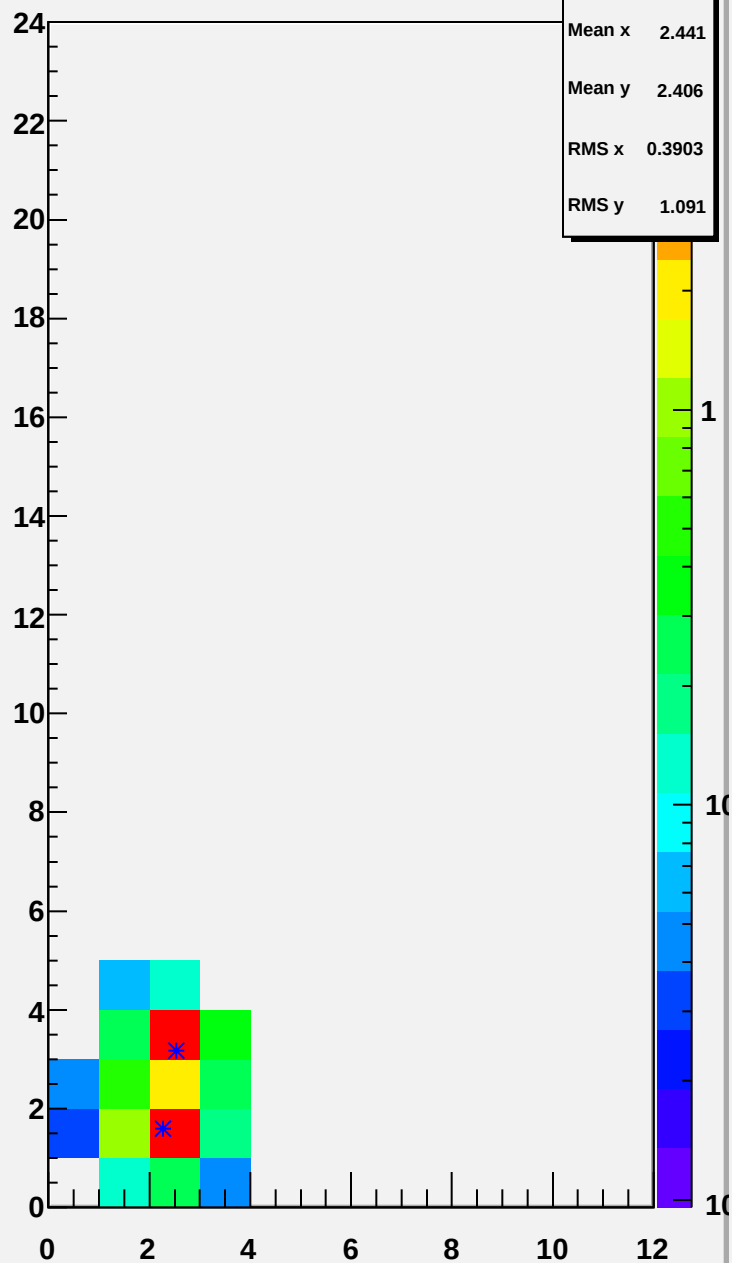
Efit

Entries 288
Mean x 4.05
Mean y 9.34
RMS x 2.467
RMS y 6.553

NSTB3_r4_c3_En=22.4_m0=0.103 m1=0.103 index=420



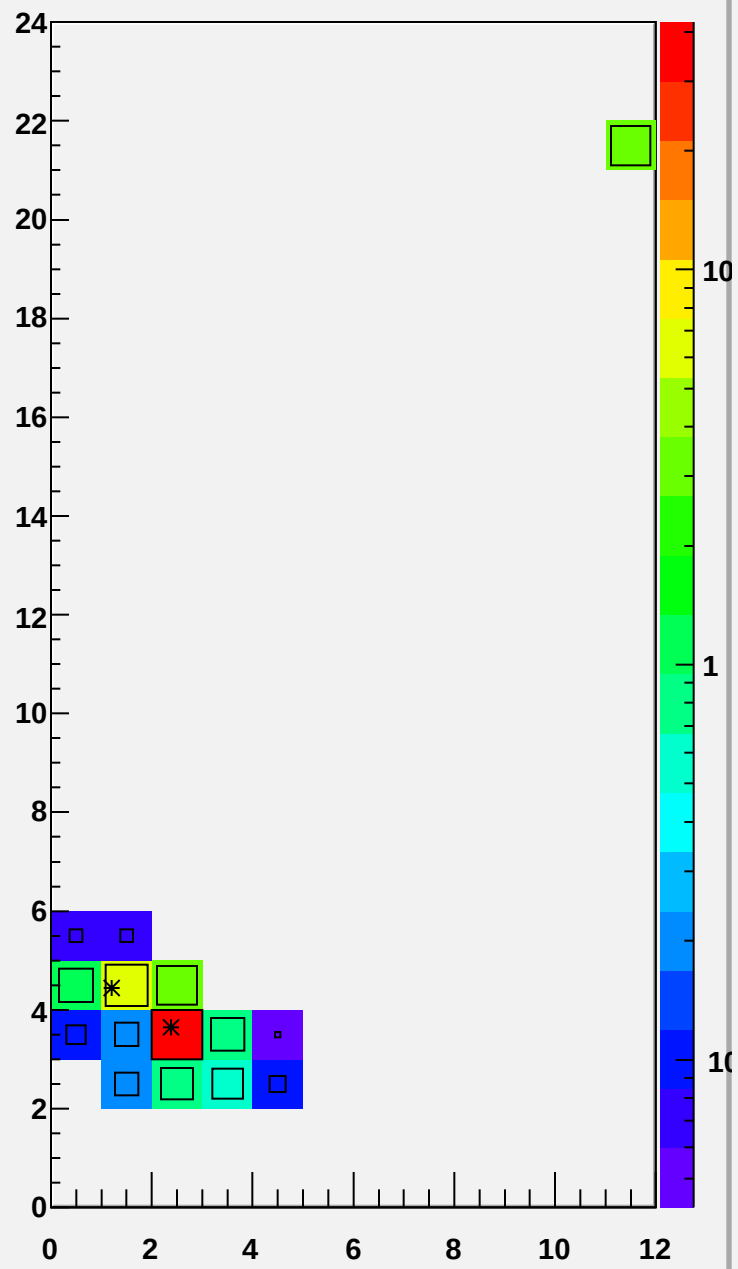
Fitted Energies



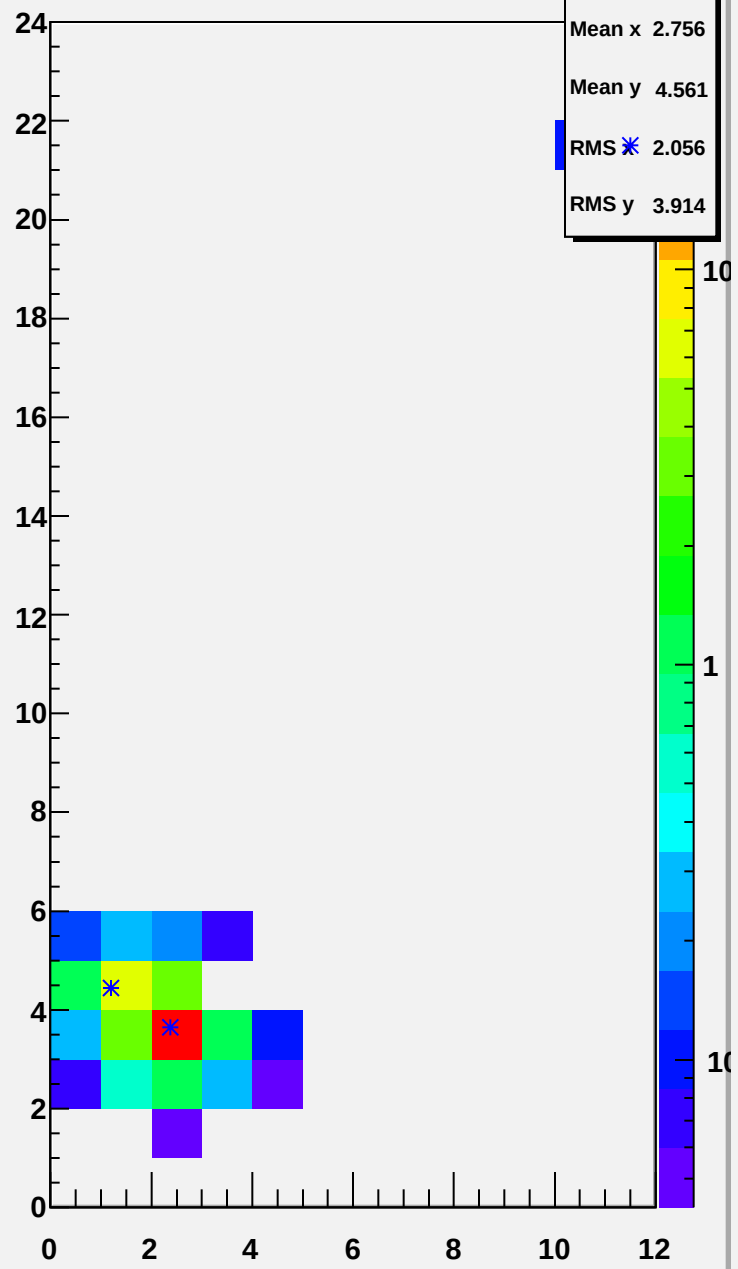
Efit

Entries	288
Mean x	2.441
Mean y	2.406
RMS x	0.3903
RMS y	1.091

NSTB3_r4_c3_En=57.9_m0=0.155_m1=0.154_index=421



Fitted Energies



Efit

Entries 288

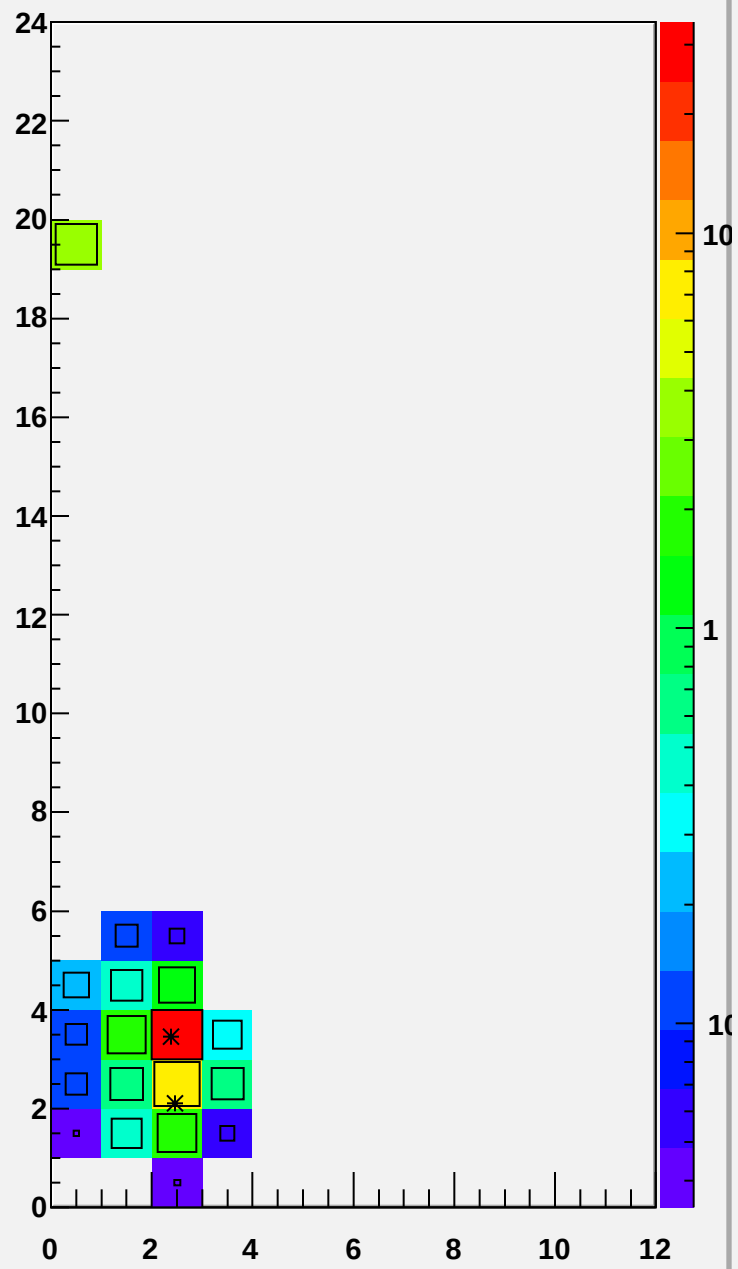
Mean x 2.756

Mean y 4.561

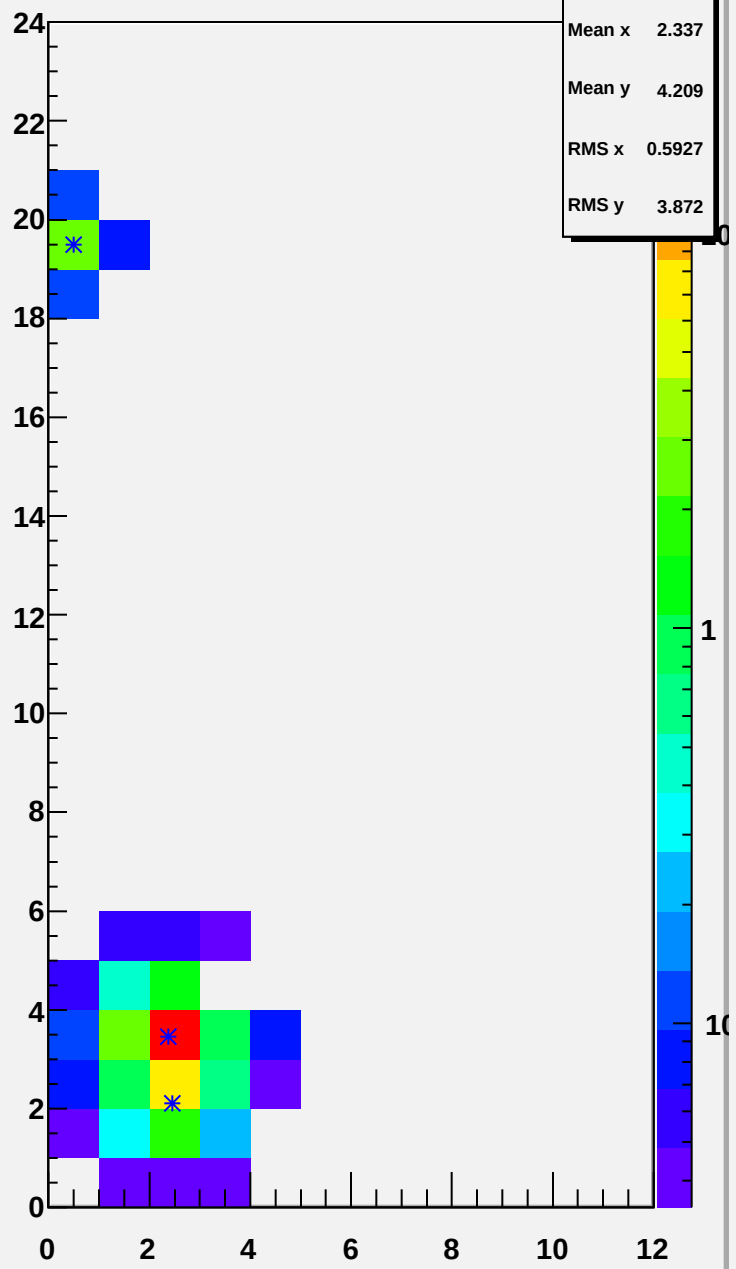
RMS * 2.056

RMS y 3.914

NSTB3_r4_c3_En=53.7_m0=0.146 m1=0.146 index=422



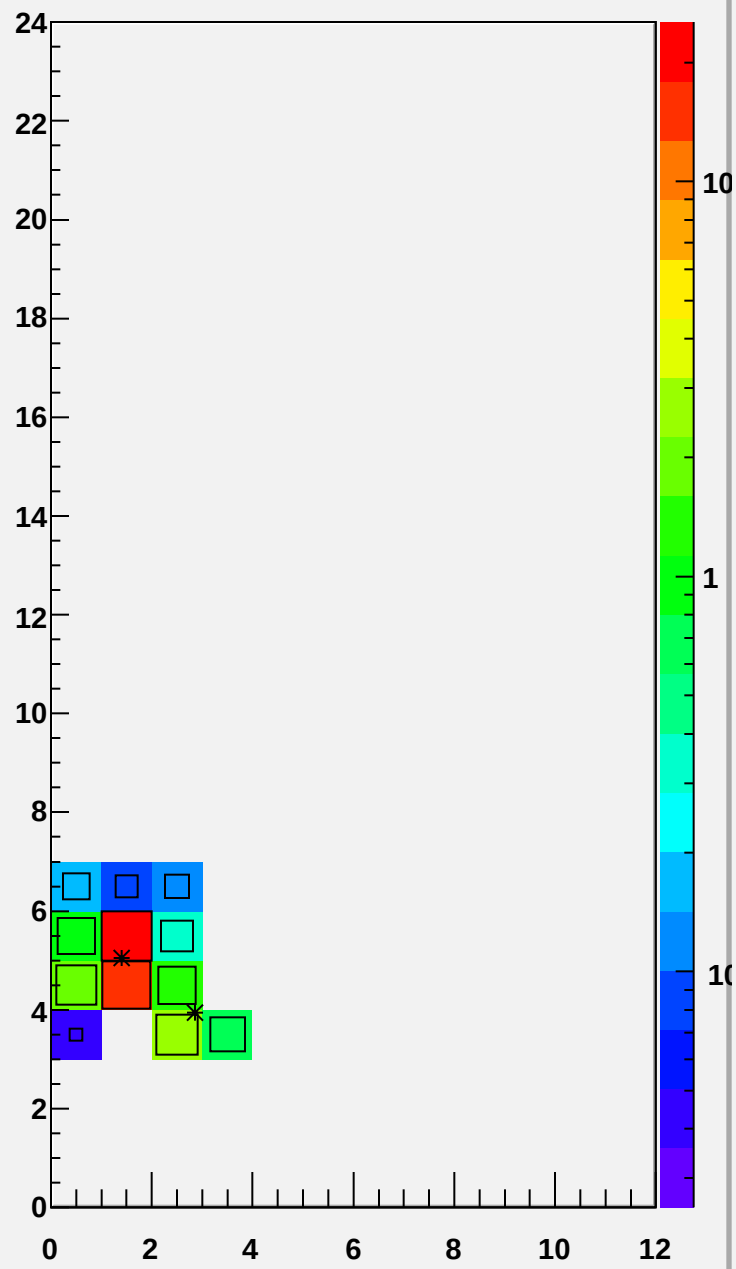
Fitted Energies



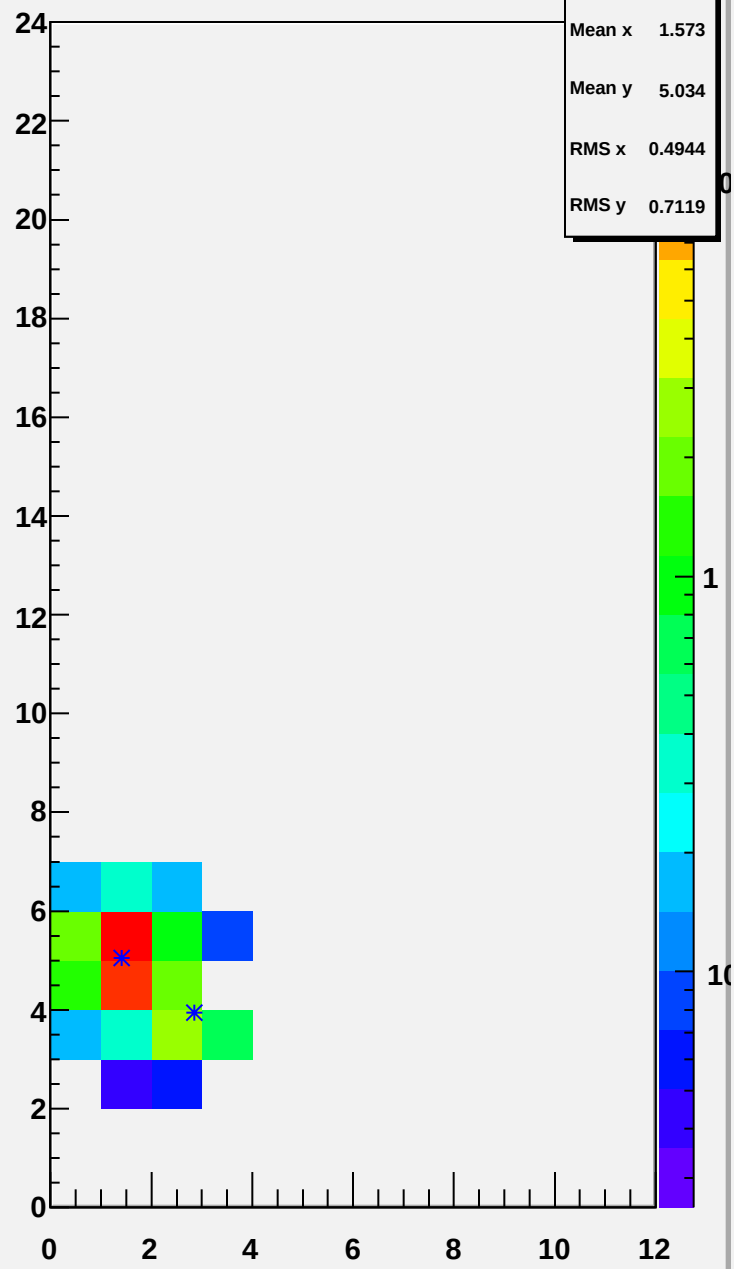
Efit

Entries	288
Mean x	2.337
Mean y	4.209
RMS x	0.5927
RMS y	3.872

NSTB3_r4_c3_En=46.6_m0=0.145_m1=0.145_index=423



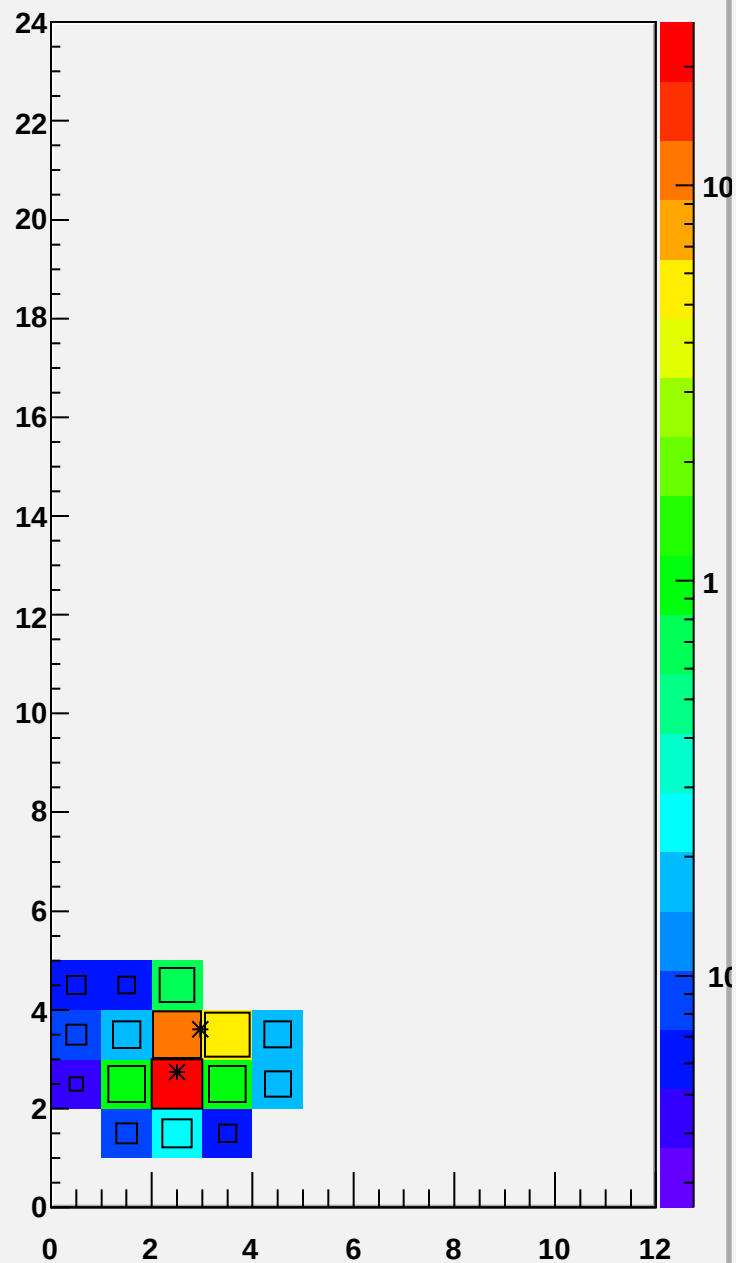
Fitted Energies



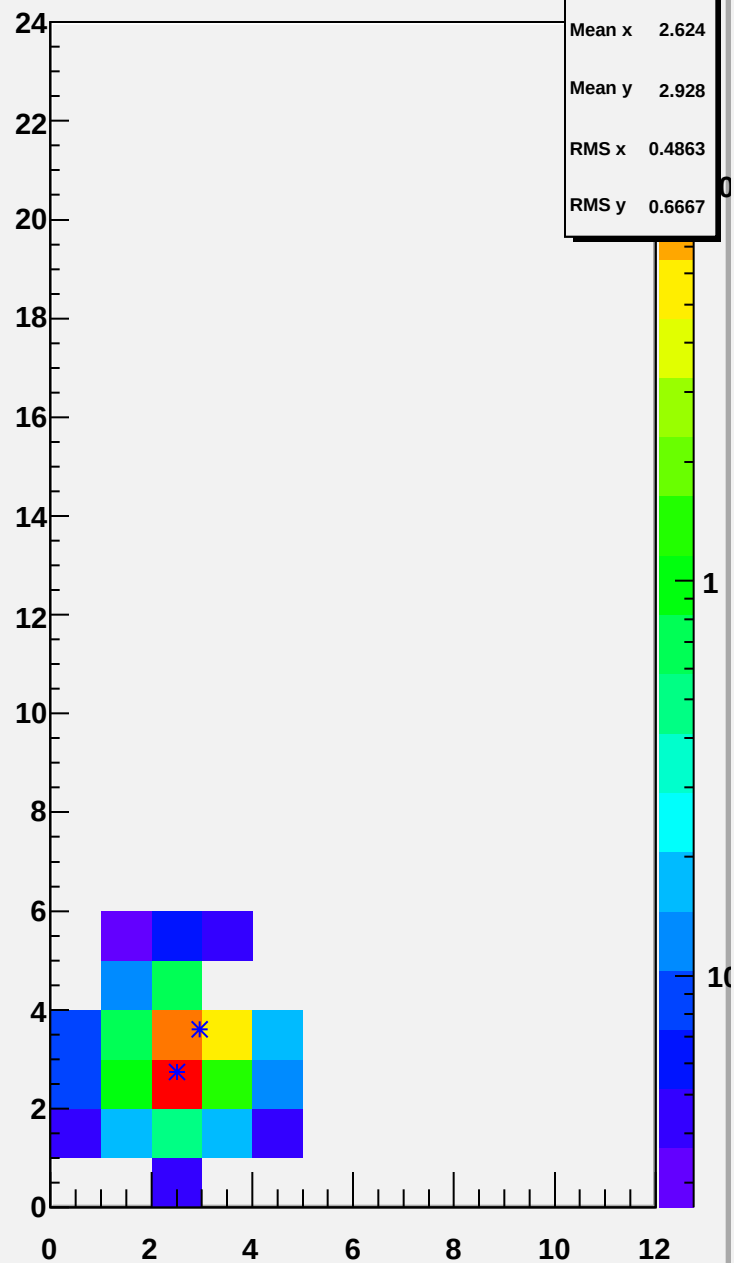
Efit

Entries	288
Mean x	1.573
Mean y	5.034
RMS x	0.4944
RMS y	0.7119

NSTB3_r4_c3_En=49.0_m0=0.128 m1=0.127 index=424



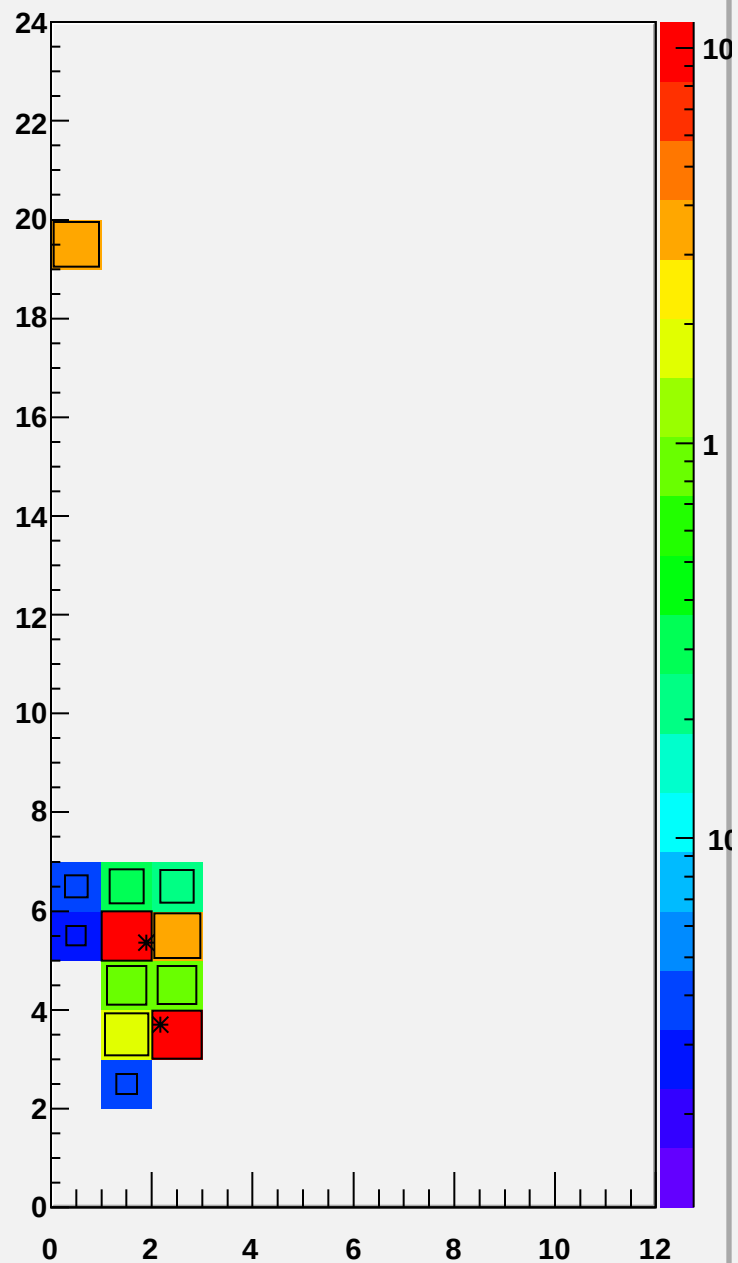
Fitted Energies



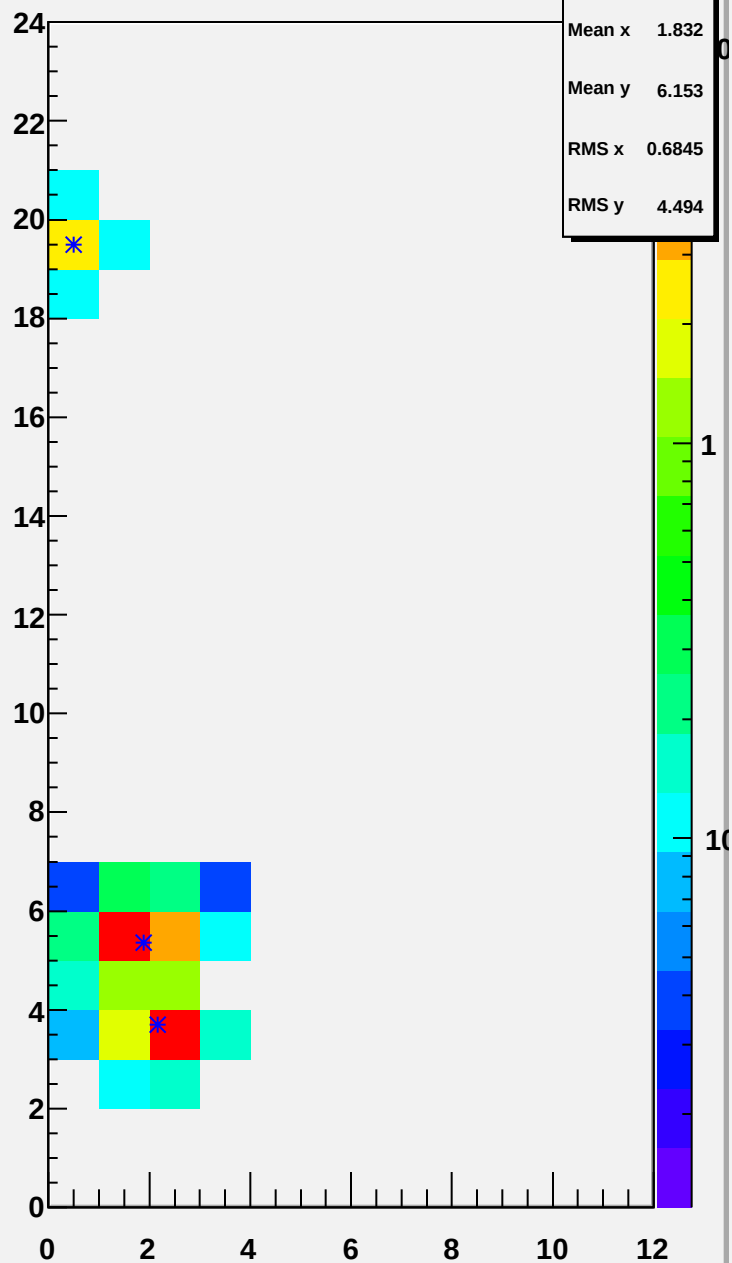
Efit

Entries	288
Mean x	2.624
Mean y	2.928
RMS x	0.4863
RMS y	0.6667

NSTB3_r4_c3_En=30.8_m0=0.136_m1=0.135_index=425



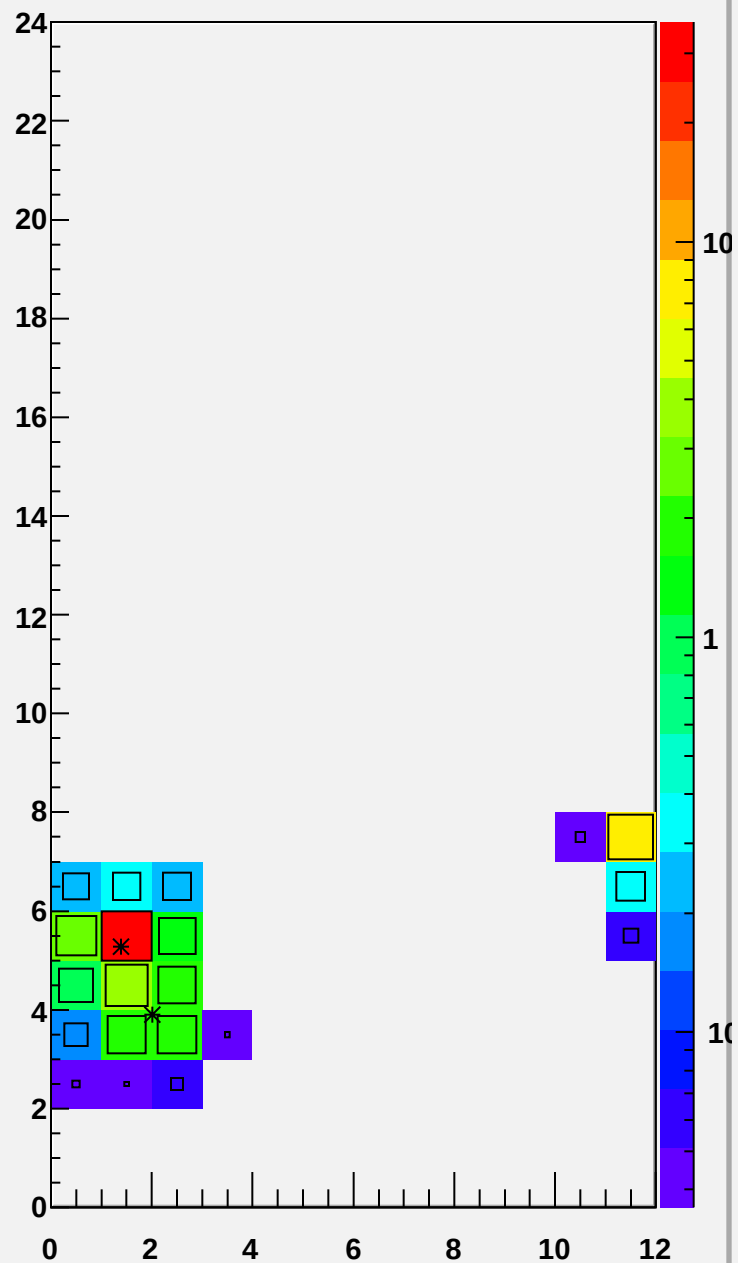
Fitted Energies



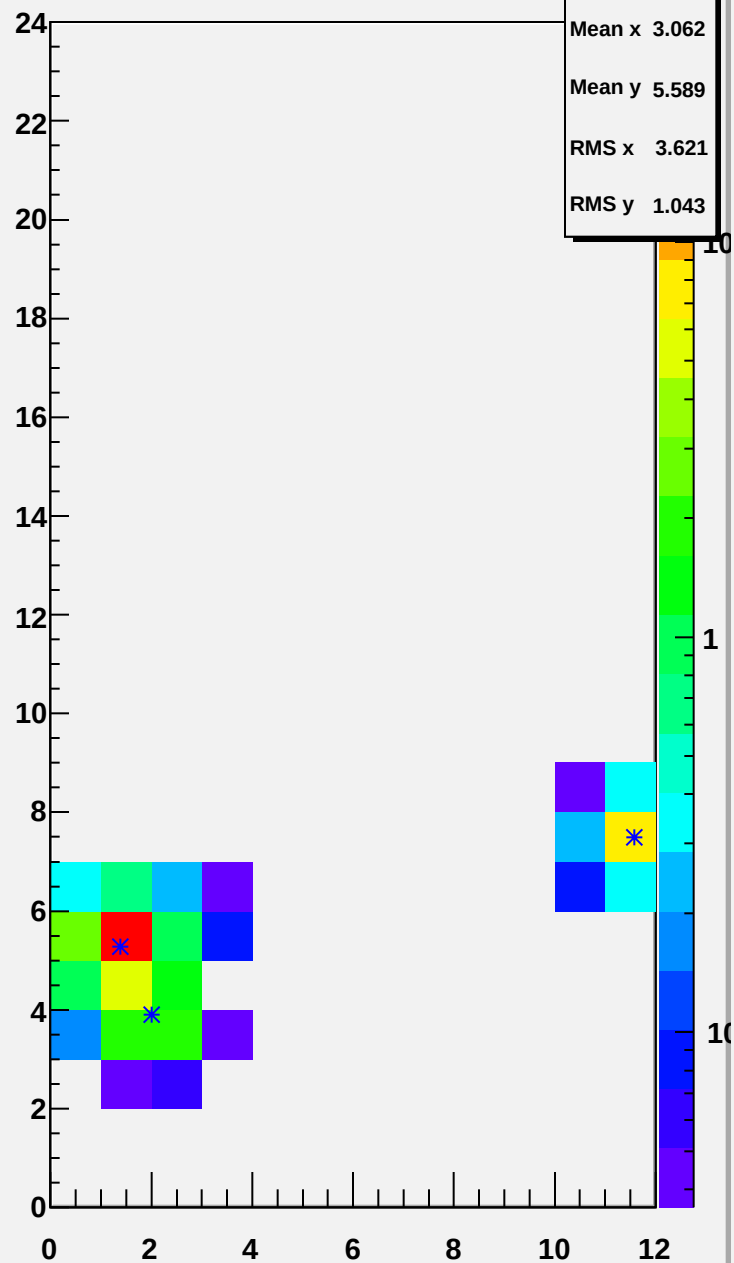
Efit

Entries	288
Mean x	1.832
Mean y	6.153
RMS x	0.6845
RMS y	4.494

NSTB3_r4_c3_En=61.6_m0=0.131_m1=0.131_index=426



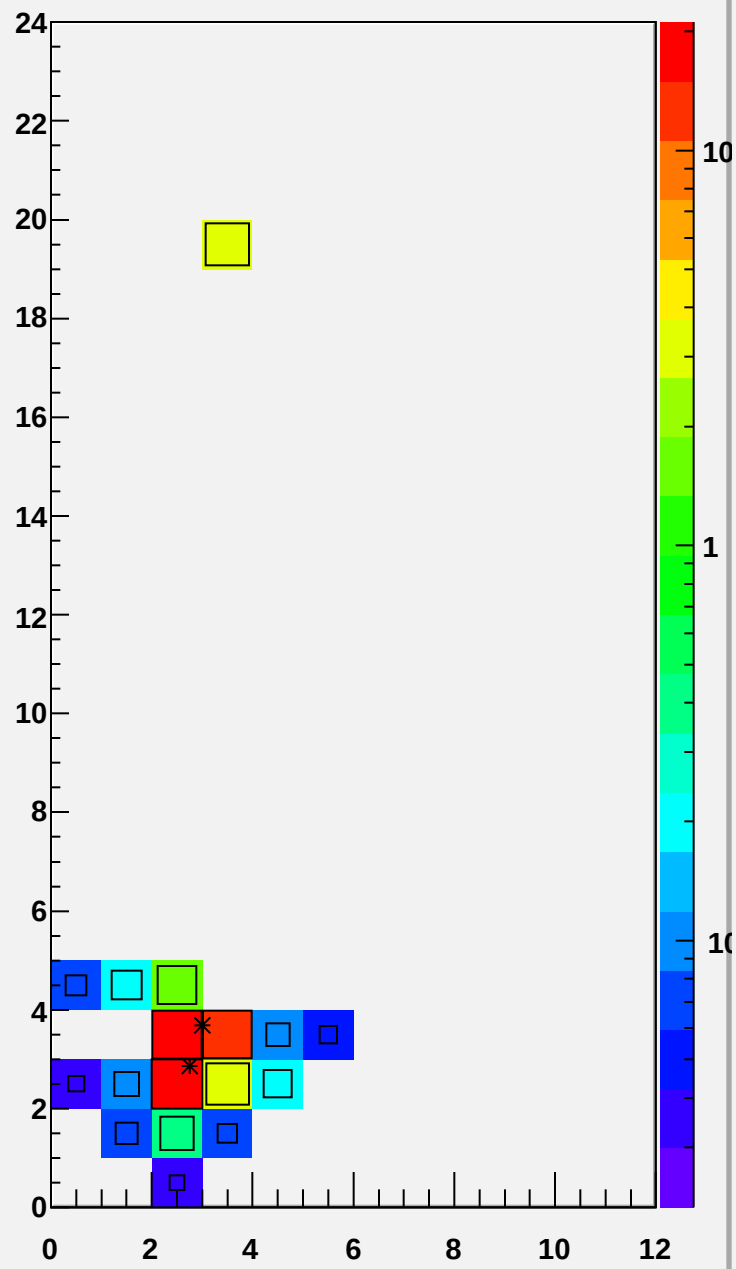
Fitted Energies



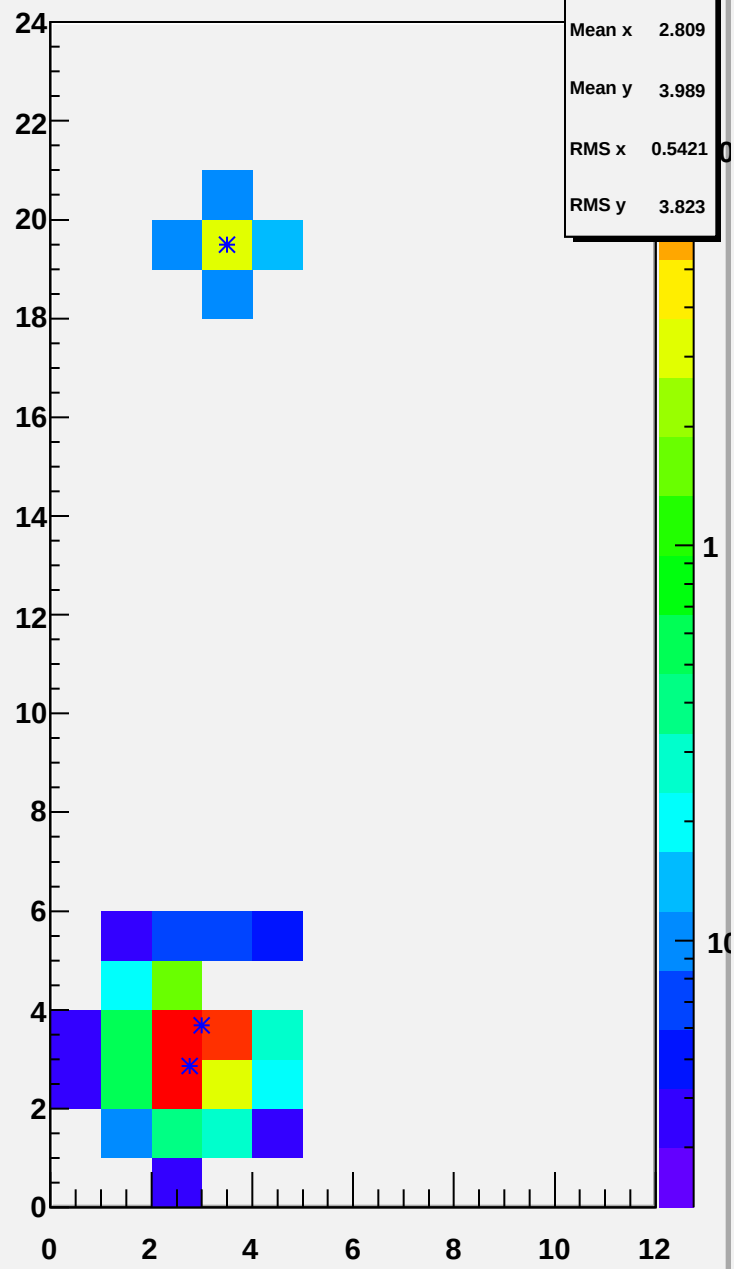
Efit

Entries 288
Mean x 3.062
Mean y 5.589
RMS x 3.621
RMS y 1.043

NSTB3_r4_c3_En=57.7_m0=0.133 m1=0.133 index=427

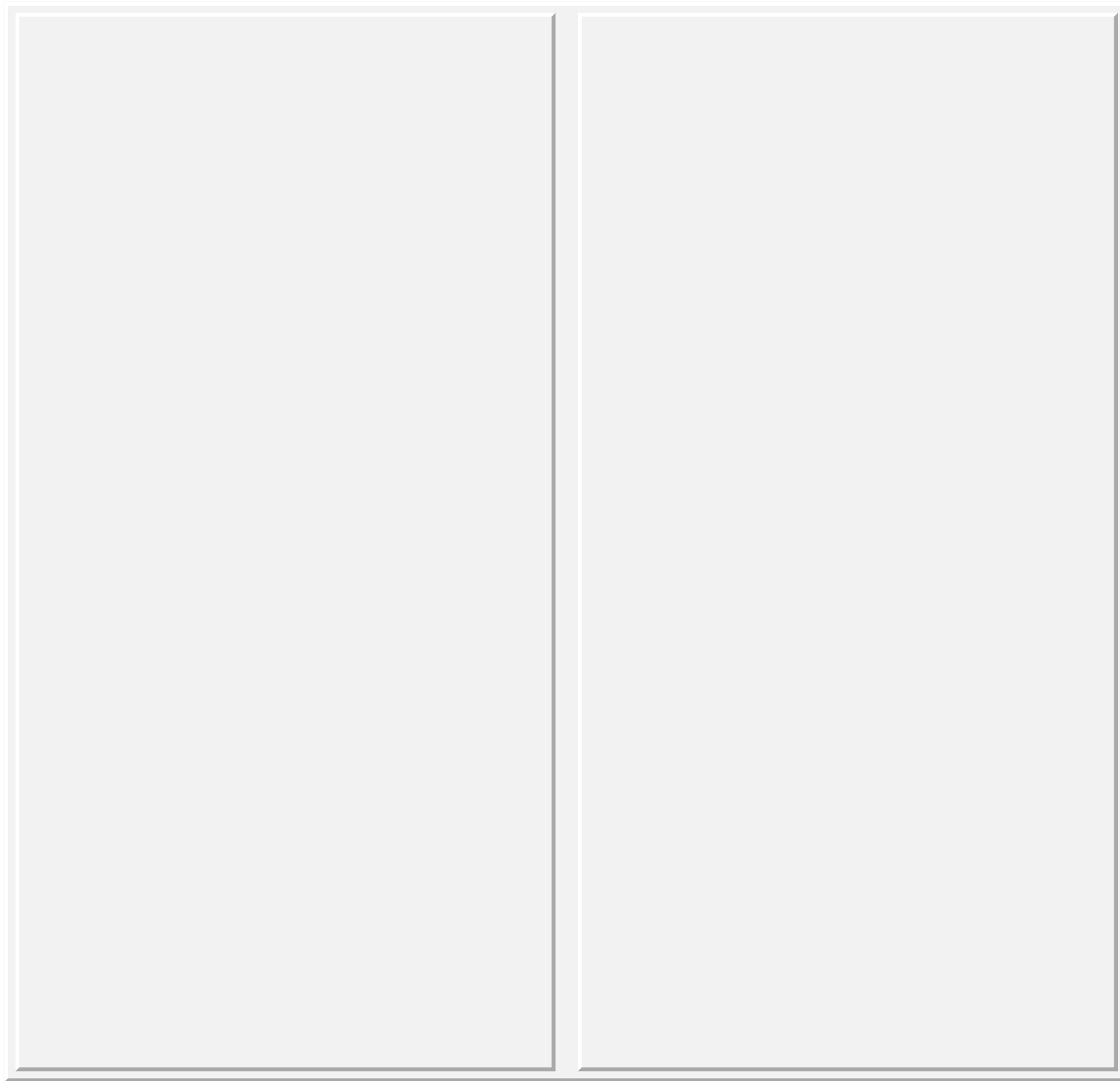


Fitted Energies

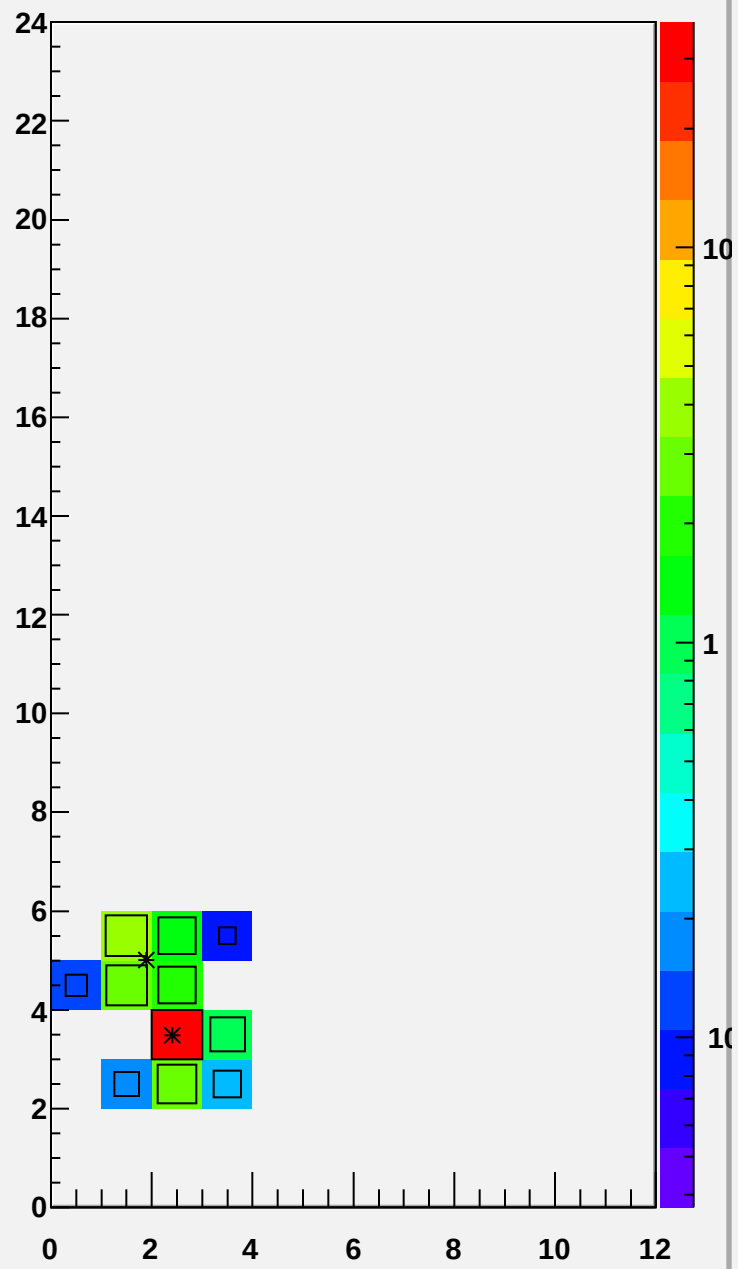


Efit

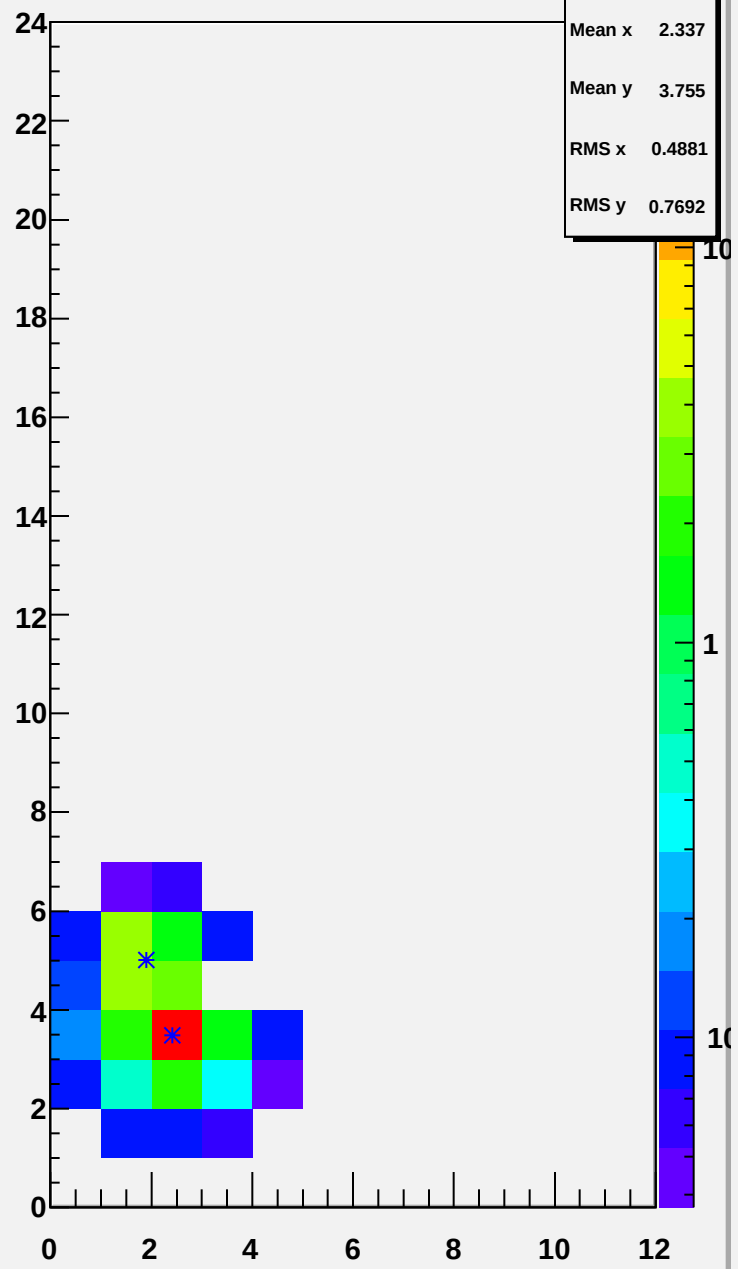
Entries	288
Mean x	2.809
Mean y	3.989
RMS x	0.5421
RMS y	3.823



NSTB3_r4_c3_En=51.5_m0=0.189 m1=0.189 index=429



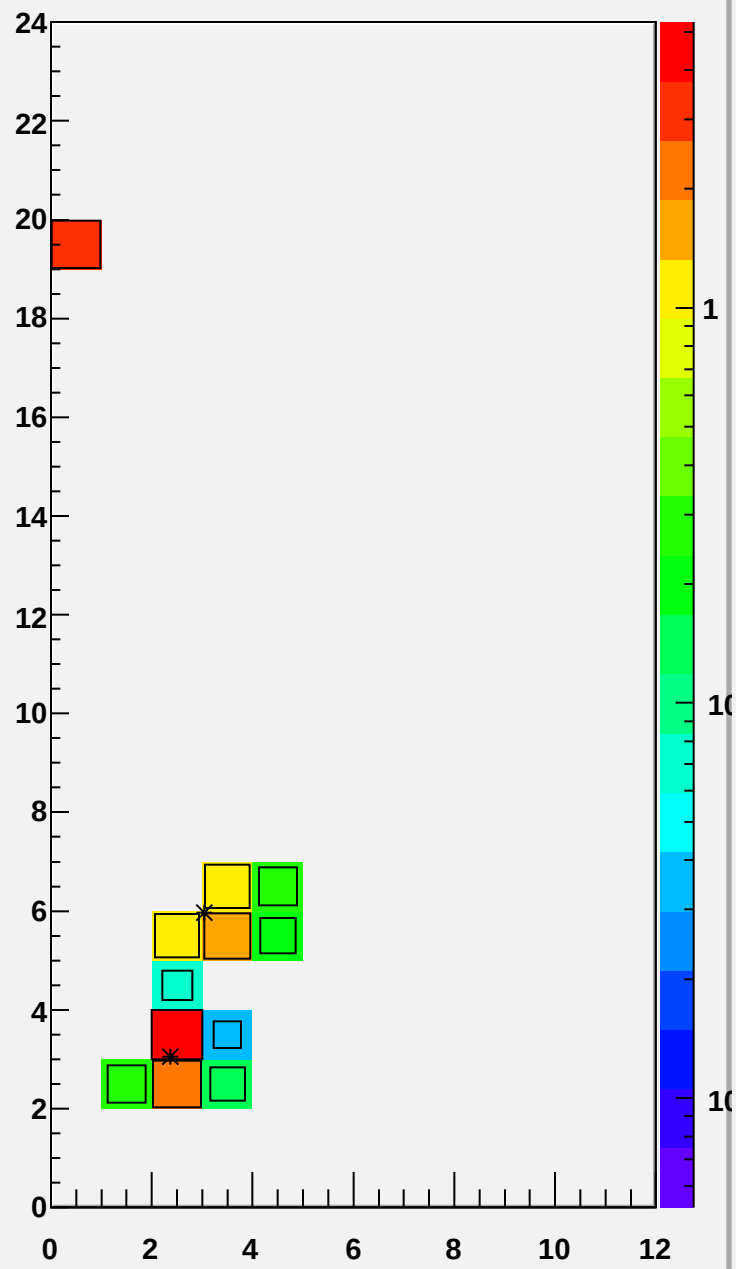
Fitted Energies



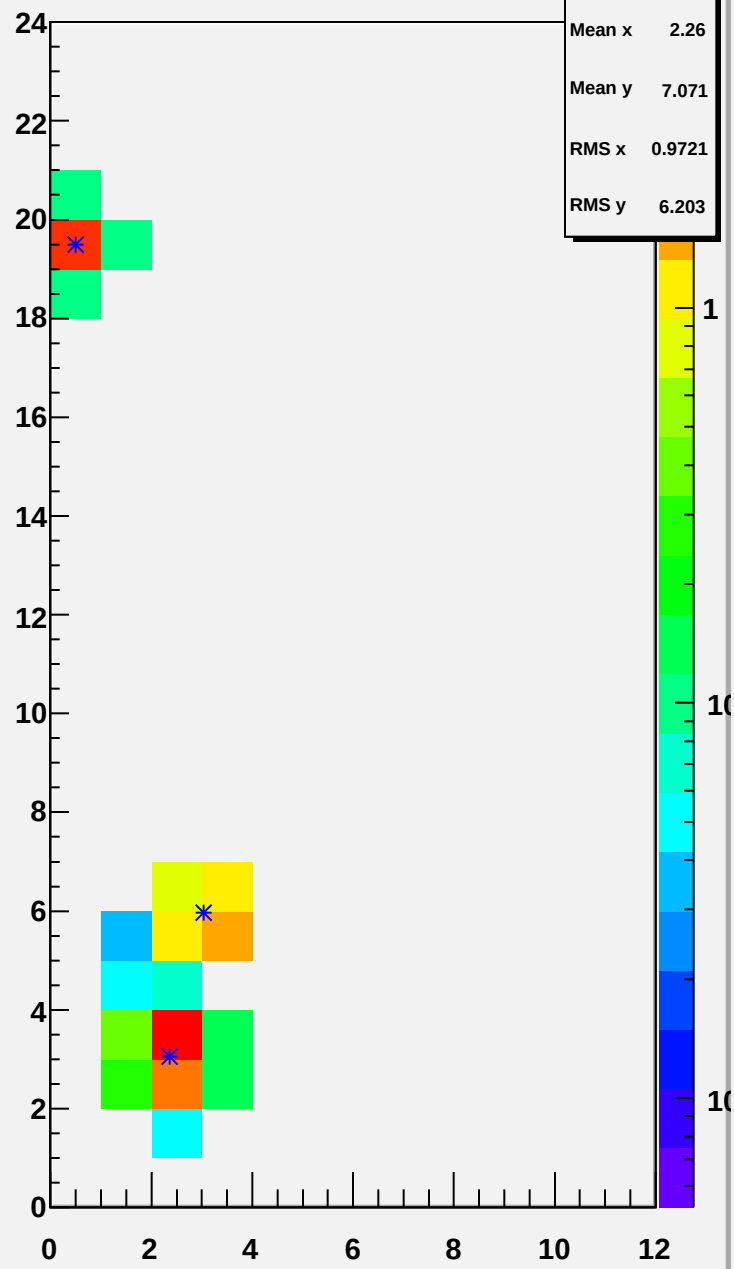
Efit

Entries	288
Mean x	2.337
Mean y	3.755
RMS x	0.4881
RMS y	0.7692

NSTB3_r4_c3_En=16.0_m0=0.110_m1=0.110_index=431



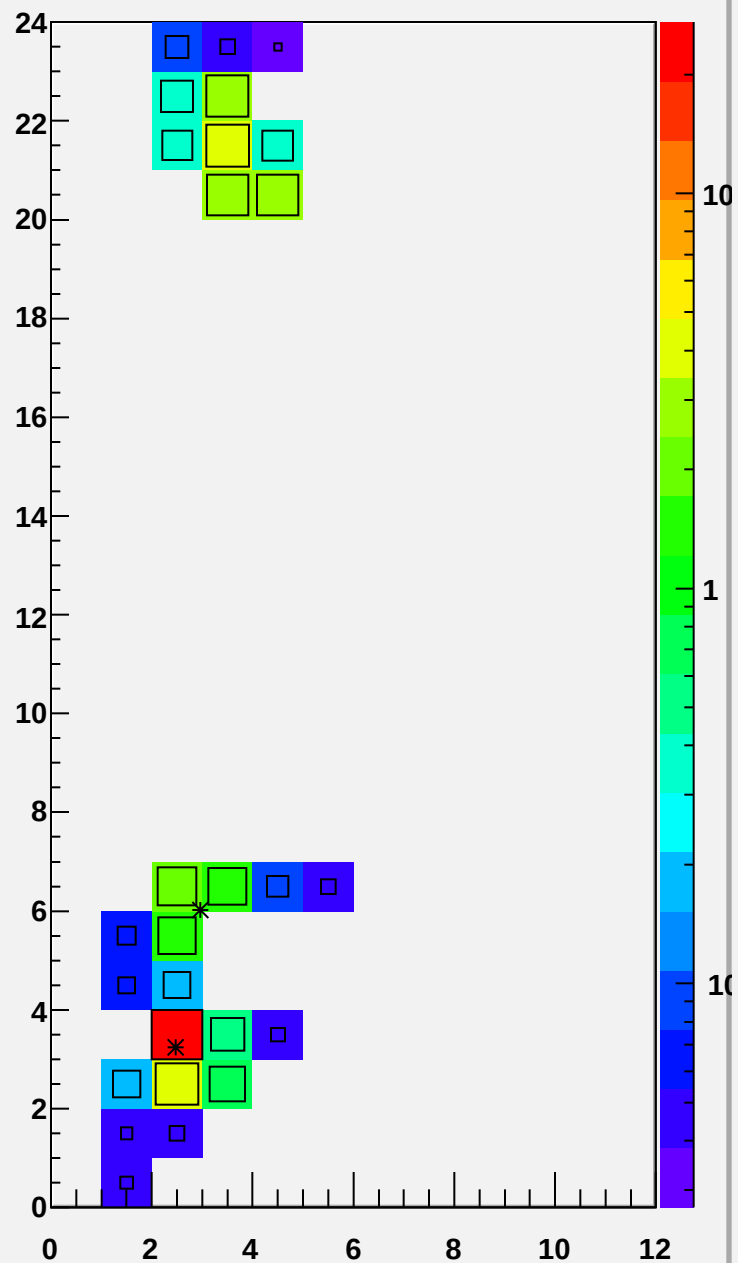
Fitted Energies



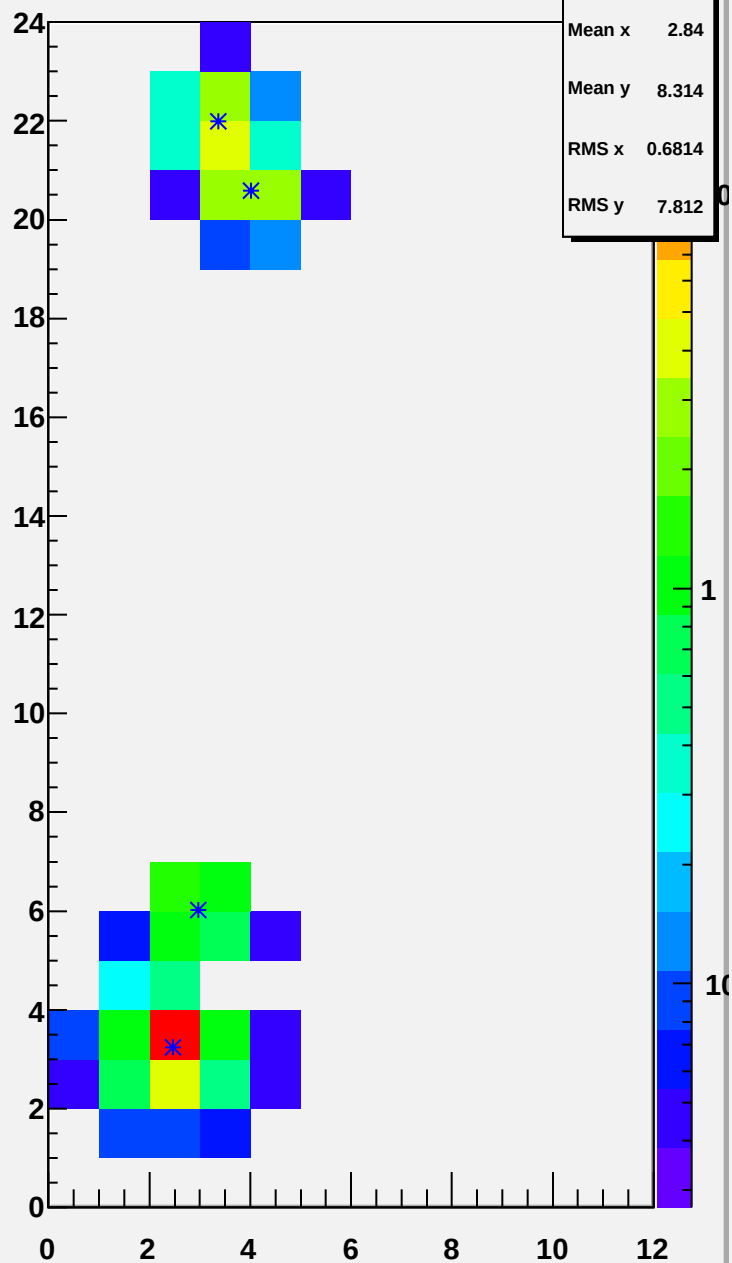
Efit

Entries	288
Mean x	2.26
Mean y	7.071
RMS x	0.9721
RMS y	6.203

NSTB3_r4_c3_En=51.5_m0=0.208 m1=0.207 index=432



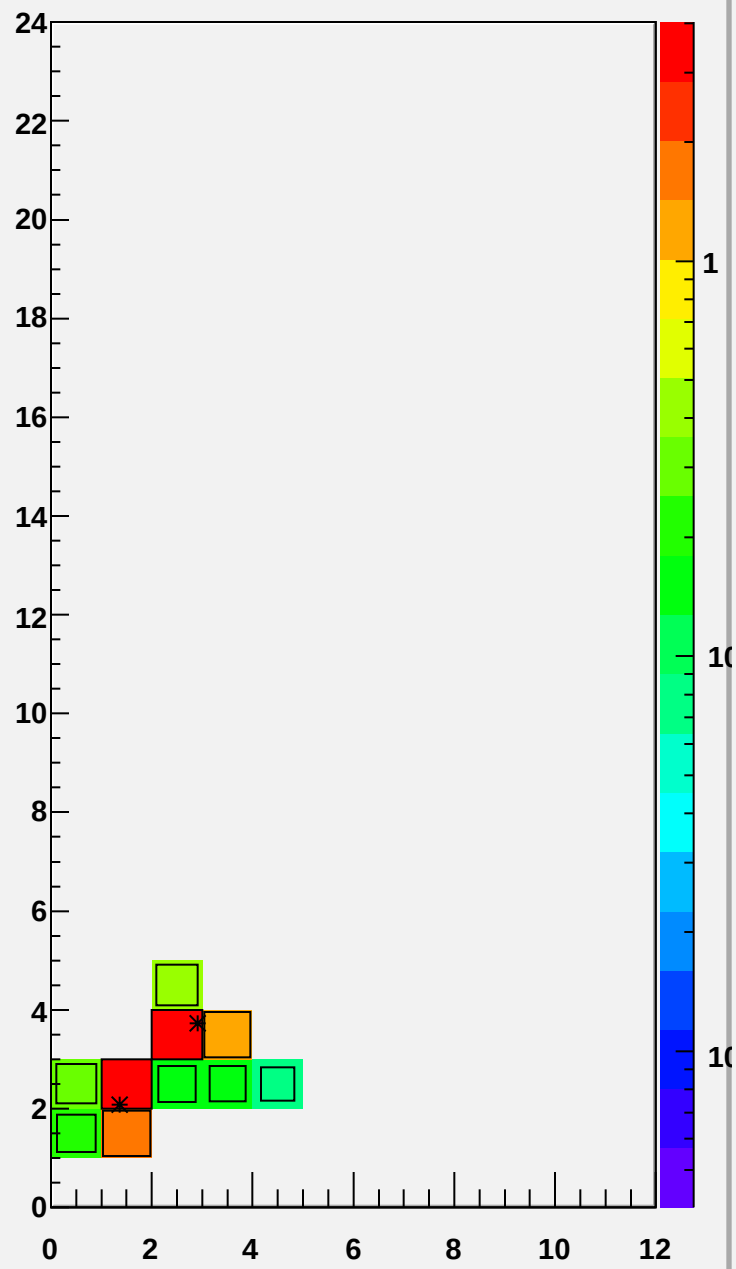
Fitted Energies



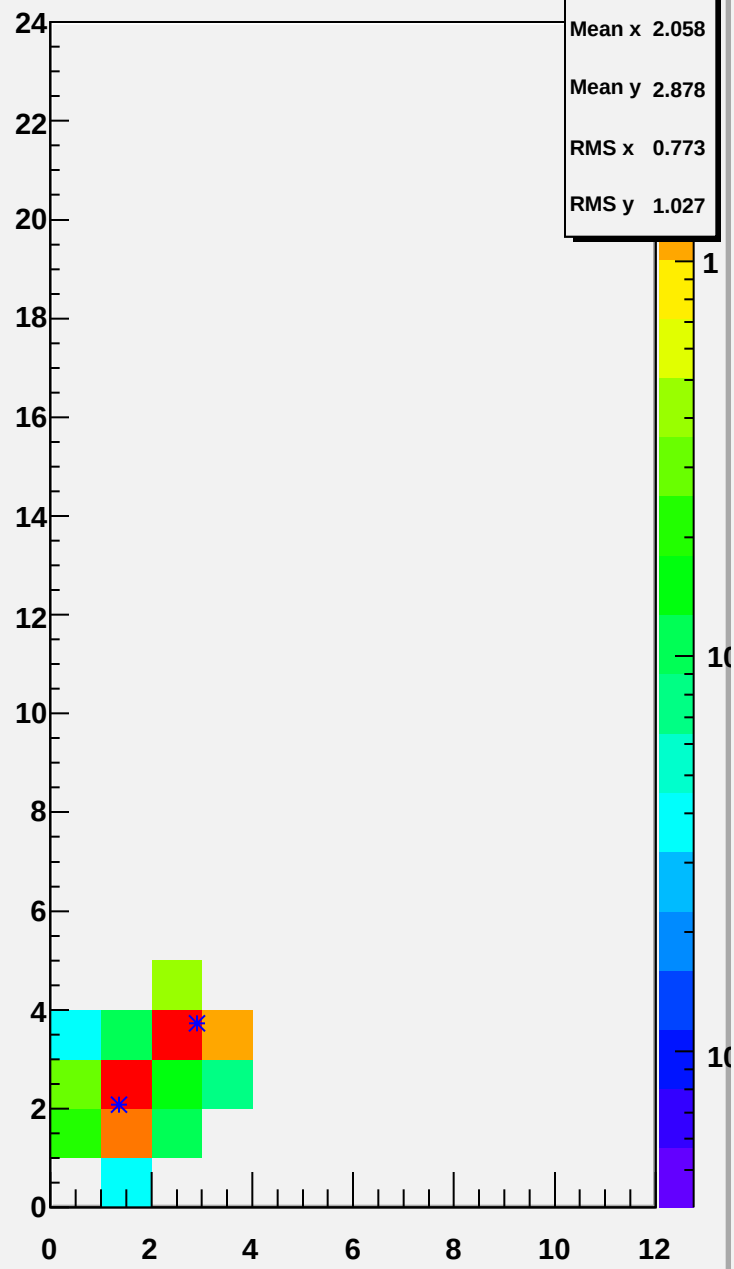
Efit

Entries	288
Mean x	2.84
Mean y	8.314
RMS x	0.6814
RMS y	7.812

NSTB3_r4_c3_En=12.1_m0=0.079 m1=0.079 index=433



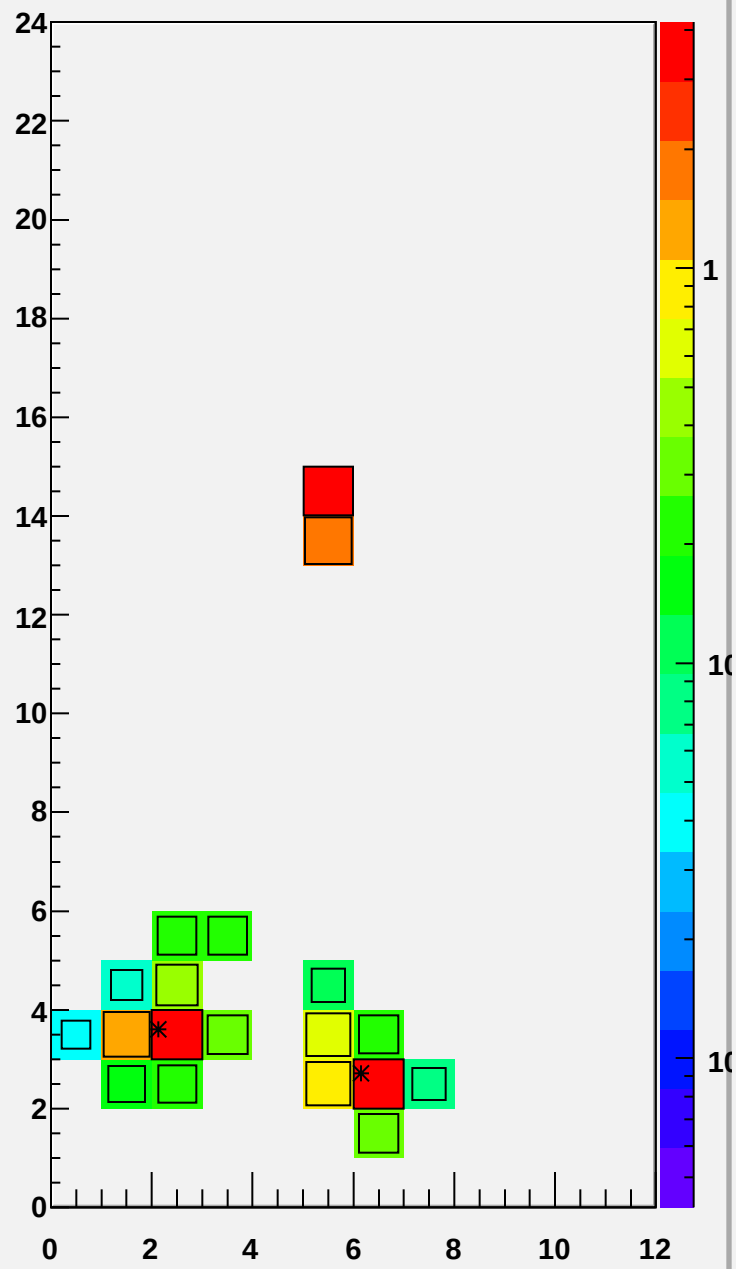
Fitted Energies



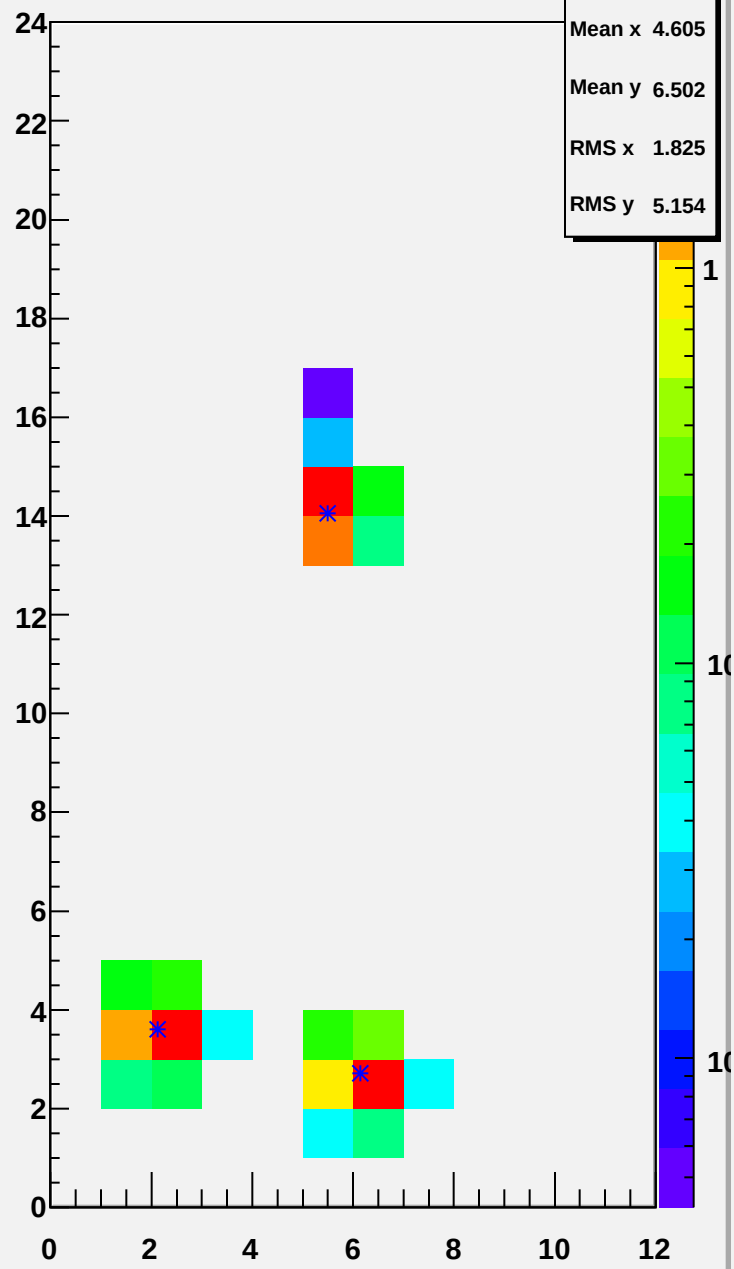
Efit

Entries 288
Mean x 2.058
Mean y 2.878
RMS x 0.773
RMS y 1.027

NSTB3_r4_c3_En=18.4_m0=0.133 m1=0.133 index=434



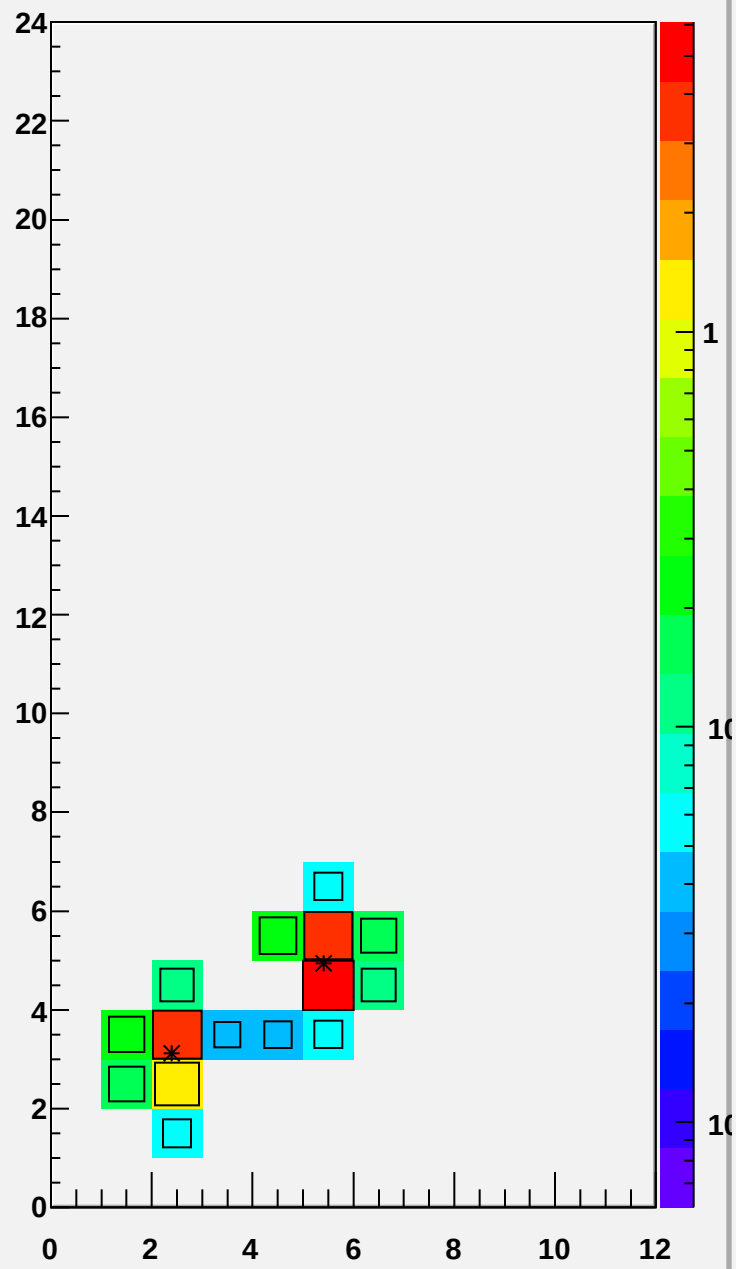
Fitted Energies



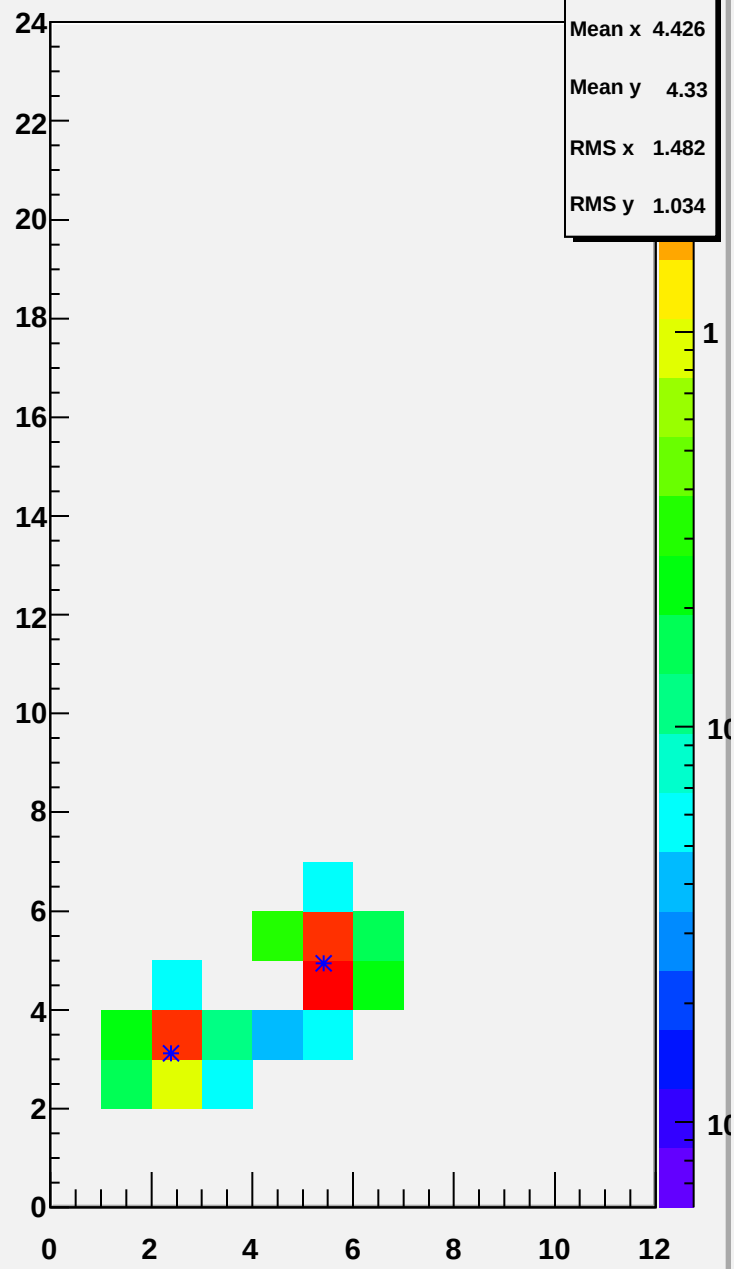
Efit

Entries 288
Mean x 4.605
Mean y 6.502
RMS x 1.825
RMS y 5.154

NSTB3_r4_c3_En=15.4_m0=0.152 m1=0.152 index=435



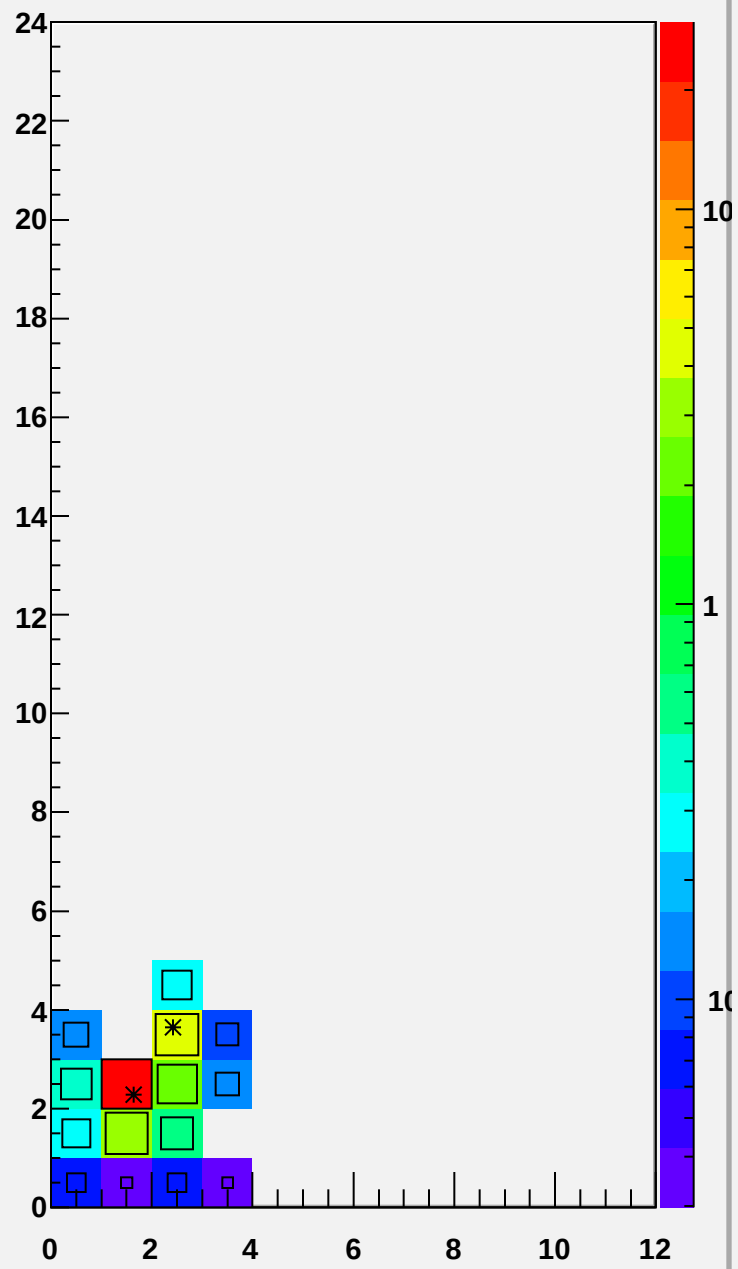
Fitted Energies



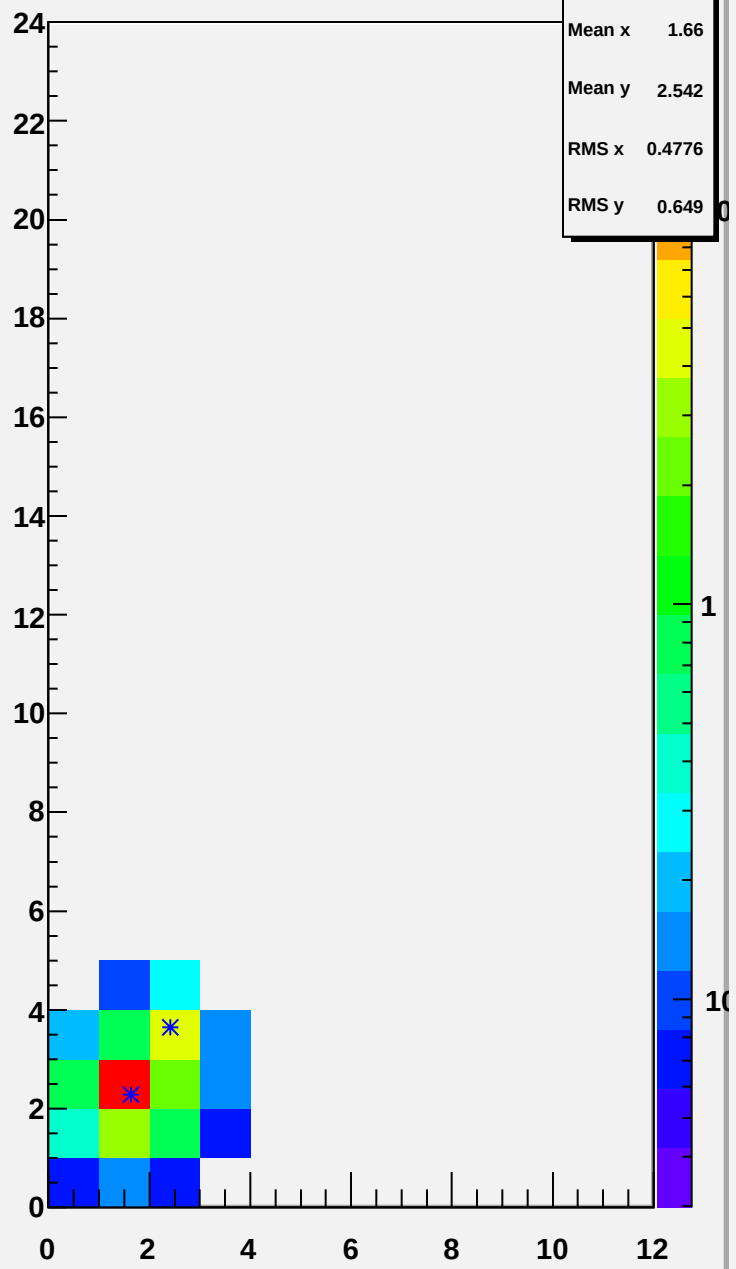
Efit

Entries 288
Mean x 4.426
Mean y 4.33
RMS x 1.482
RMS y 1.034

NSTB3_r4_c3_En=41.1_m0=0.118_m1=0.118_index=437



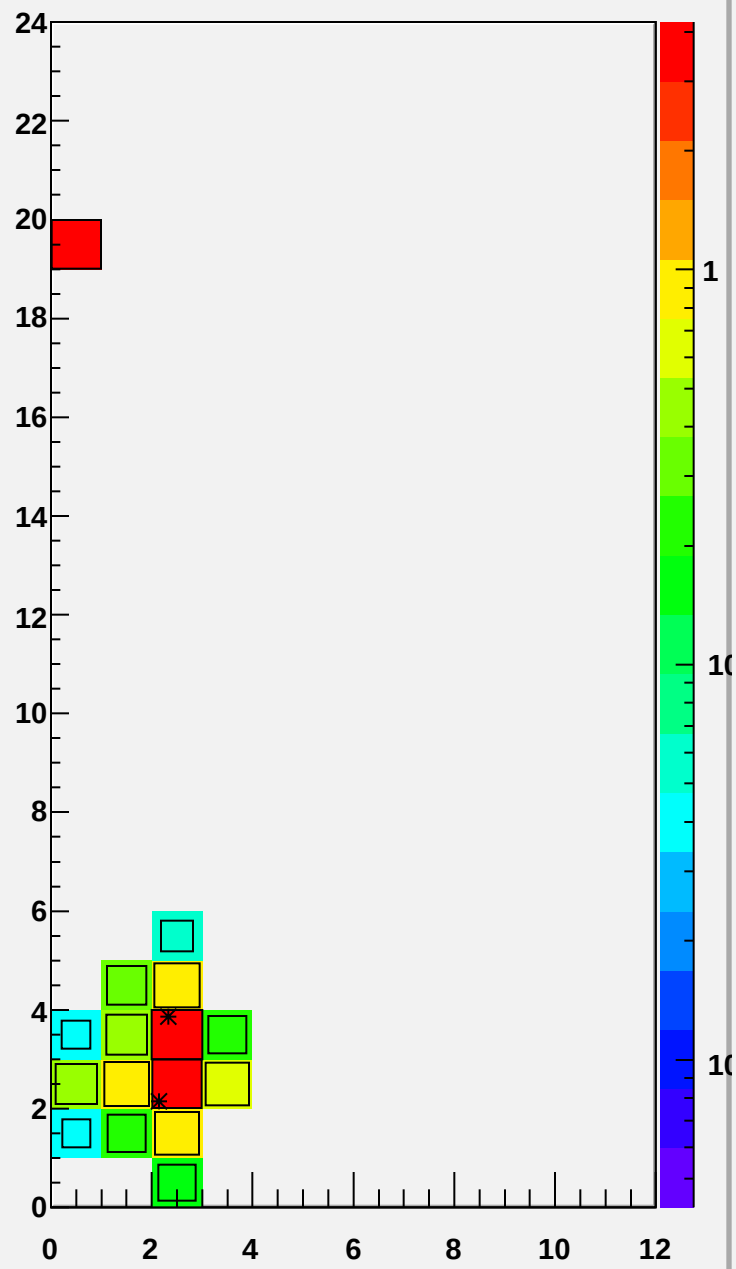
Fitted Energies



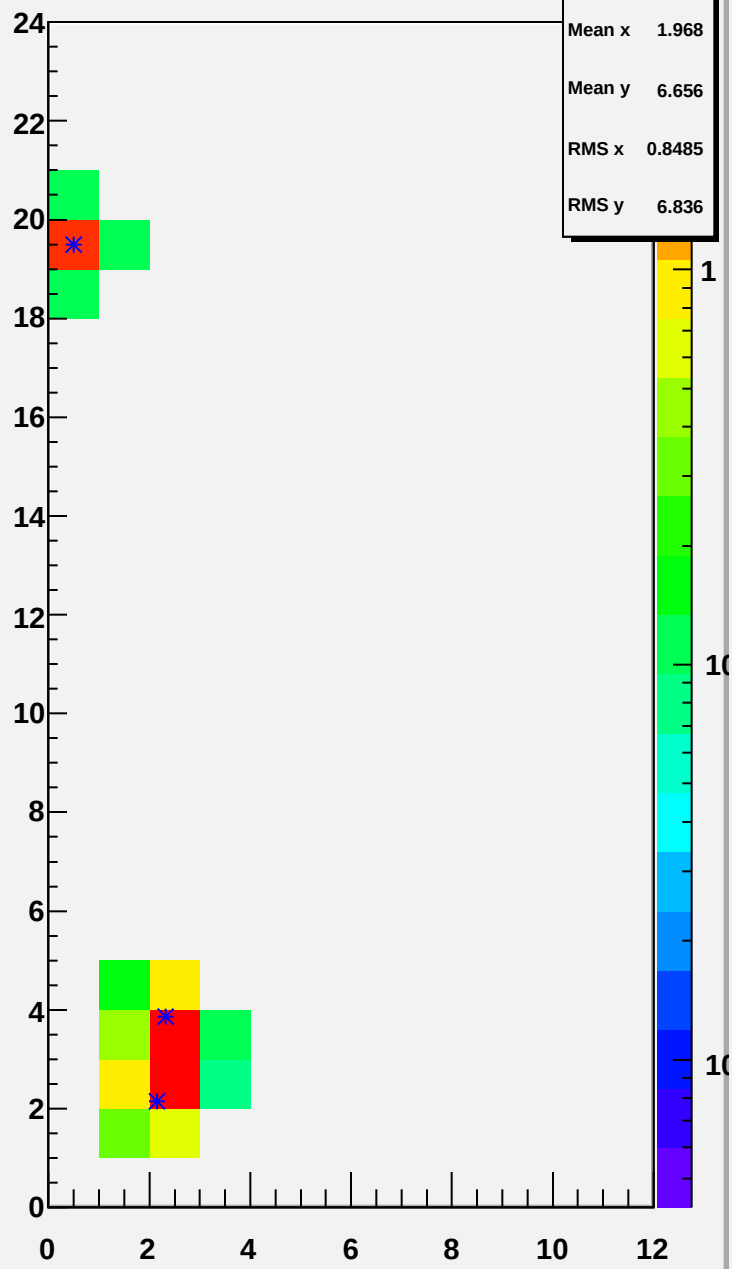
Efit

Entries	288
Mean x	1.66
Mean y	2.542
RMS x	0.4776
RMS y	0.649

NSTB3_r4_c3_En=16.3_m0=0.056 m1=0.056 index=438



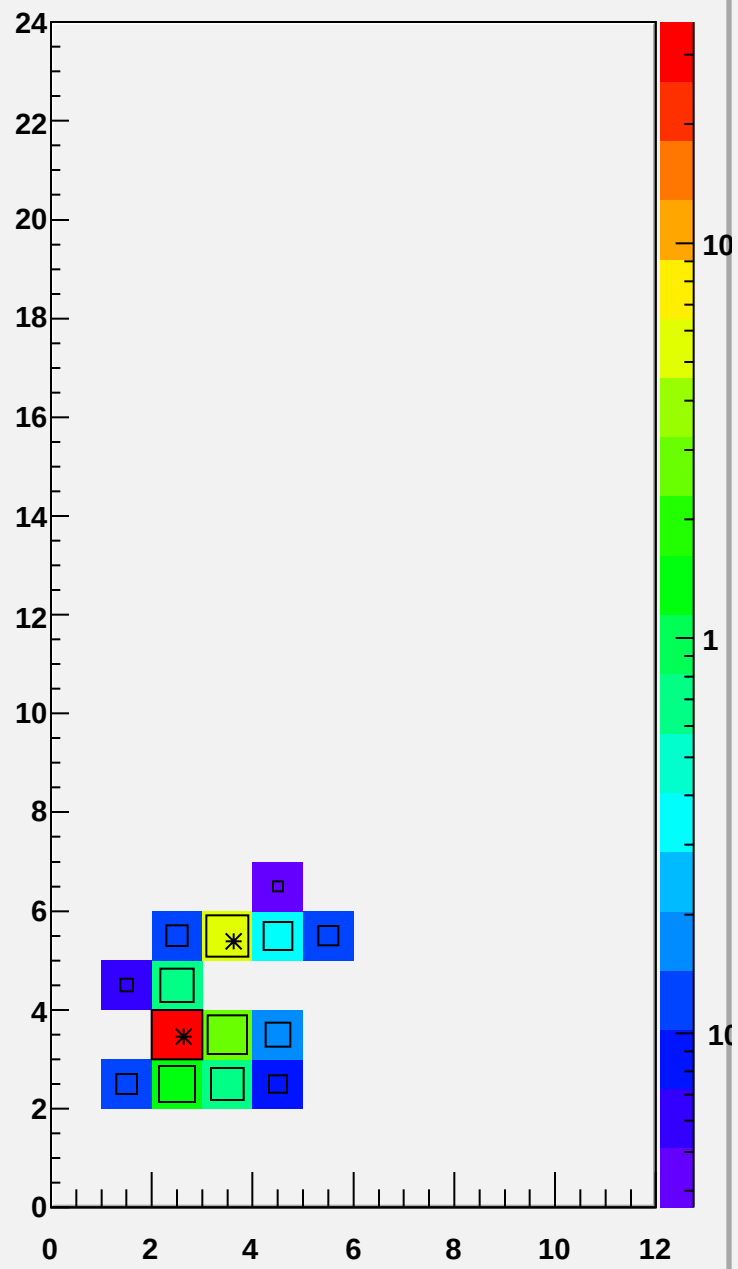
Fitted Energies



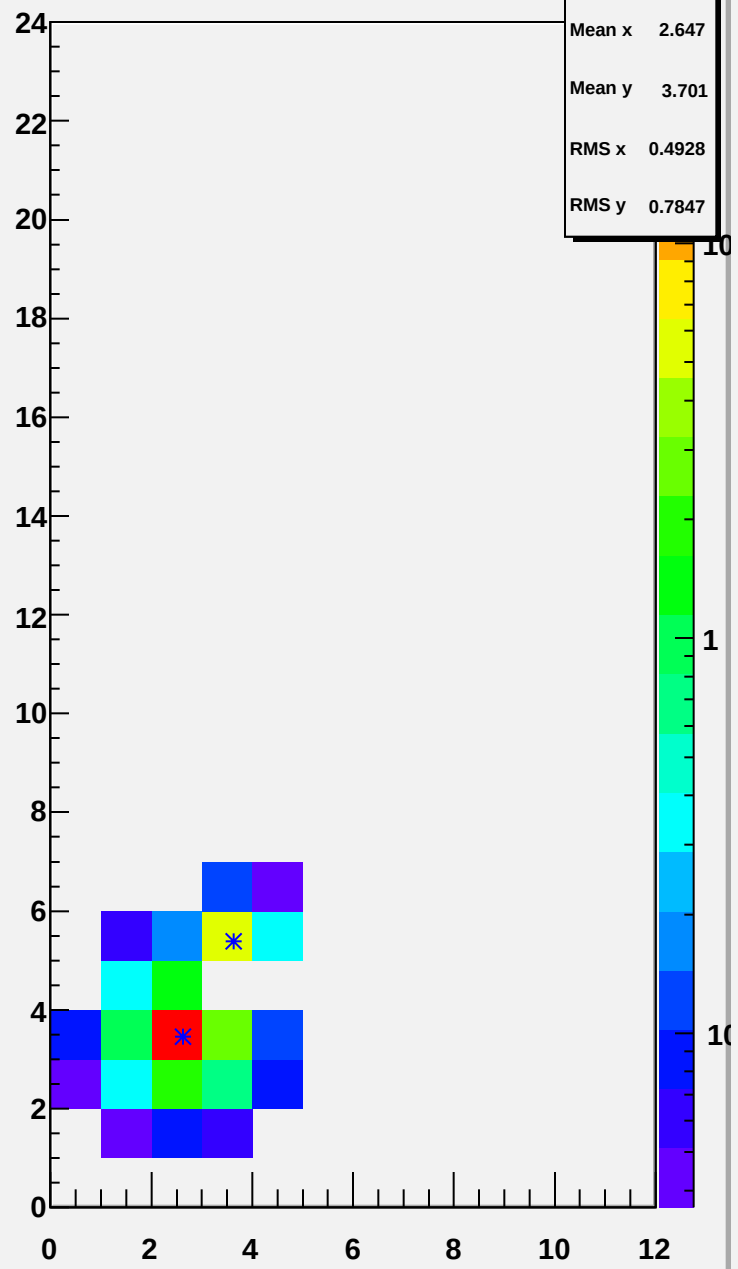
Efit

Entries	288
Mean x	1.968
Mean y	6.656
RMS x	0.8485
RMS y	6.836

NSTB3_r4_c3_En=47.2_m0=0.193 m1=0.193 index=439



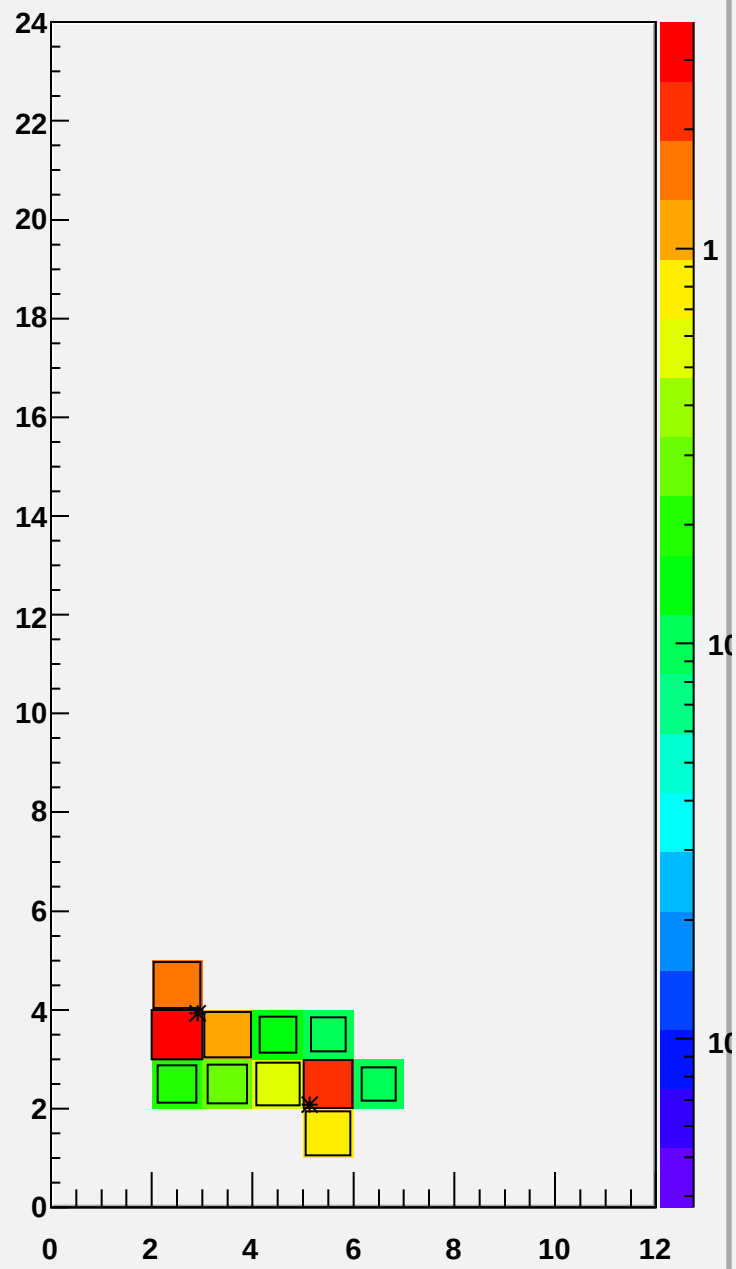
Fitted Energies



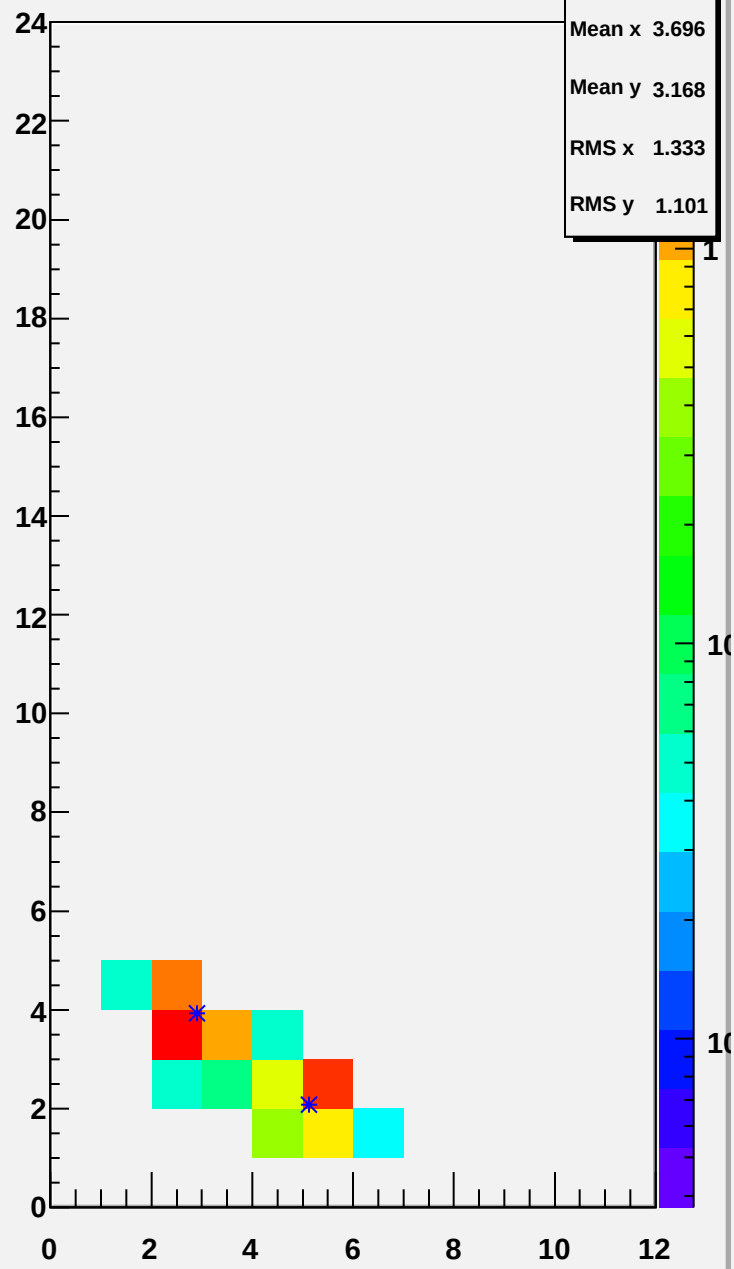
Efit

Entries	288
Mean x	2.647
Mean y	3.701
RMS x	0.4928
RMS y	0.7847

NSTB3_r4_c3_En=11.1_m0=0.092 m1=0.092 index=440



Fitted Energies



Efit

Entries 288

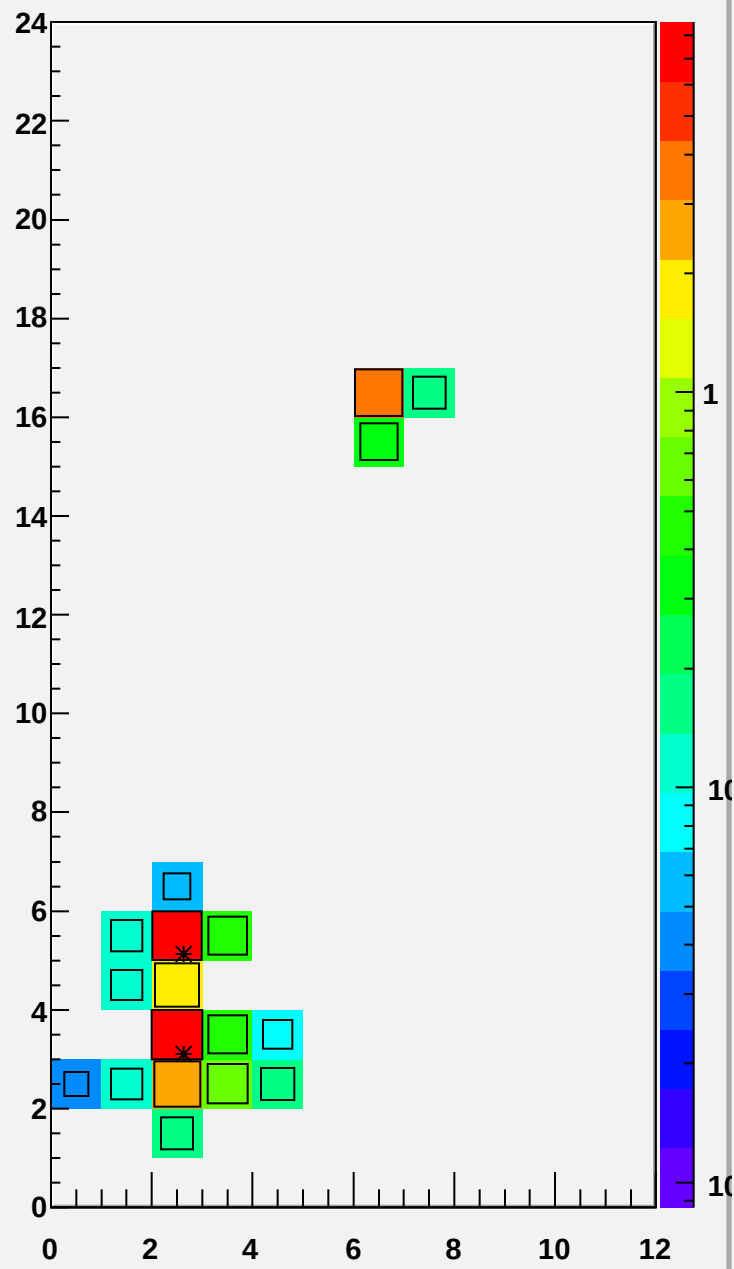
Mean x 3.696

Mean y 3.168

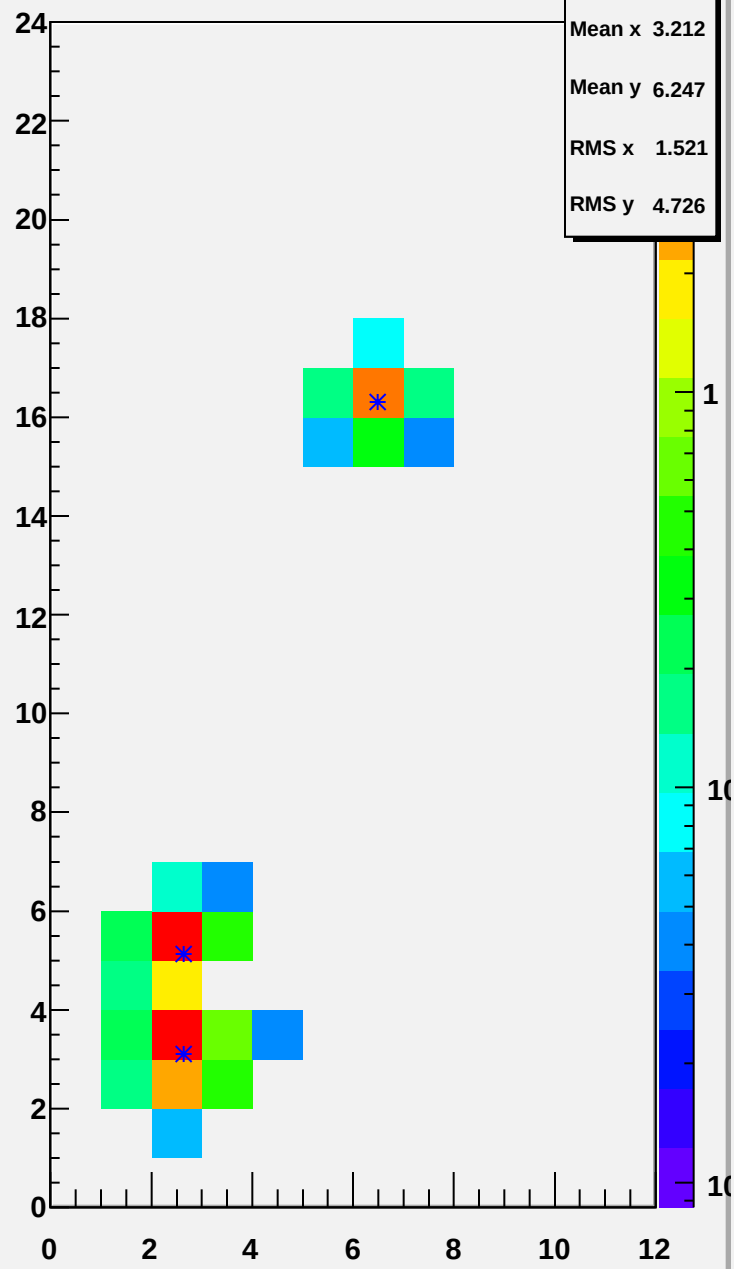
RMS x 1.333

RMS y 1.101

NSTB3_r4_c3_En=27.4_m0=0.133 m1=0.133 index=442



Fitted Energies



Efit

Entries 288

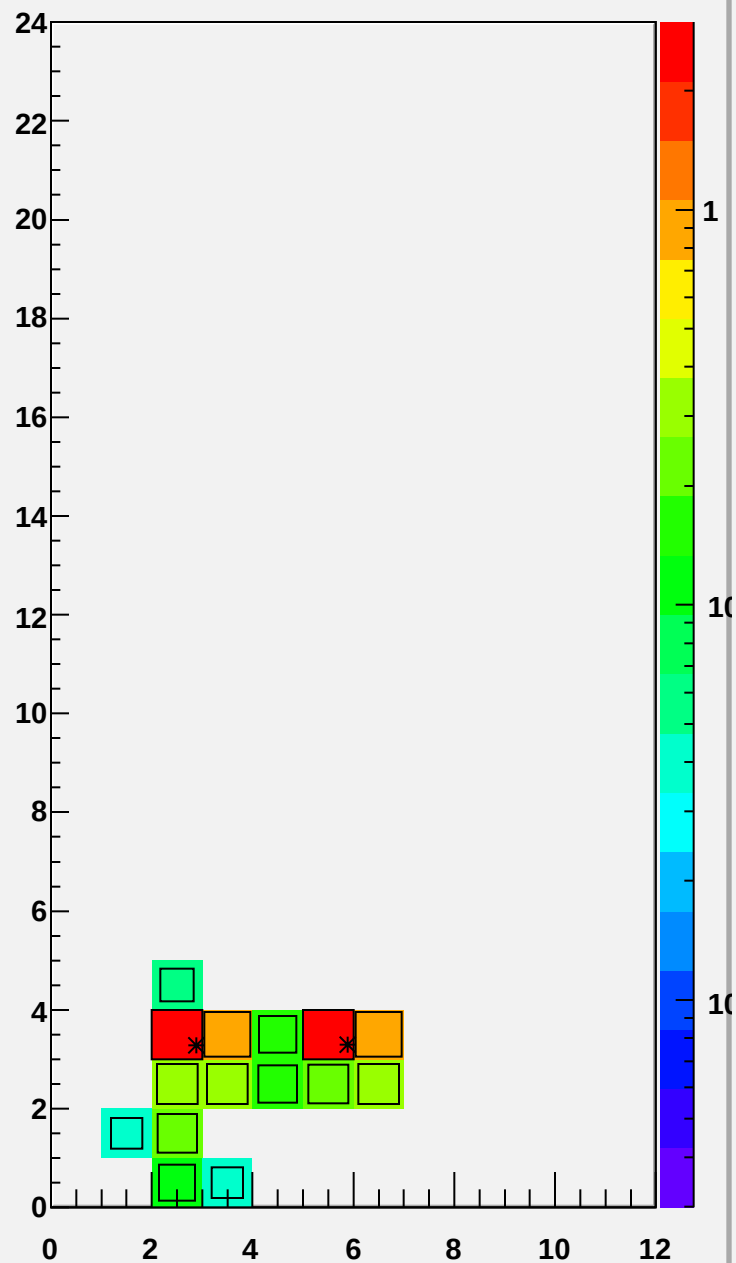
Mean x 3.212

Mean y 6.247

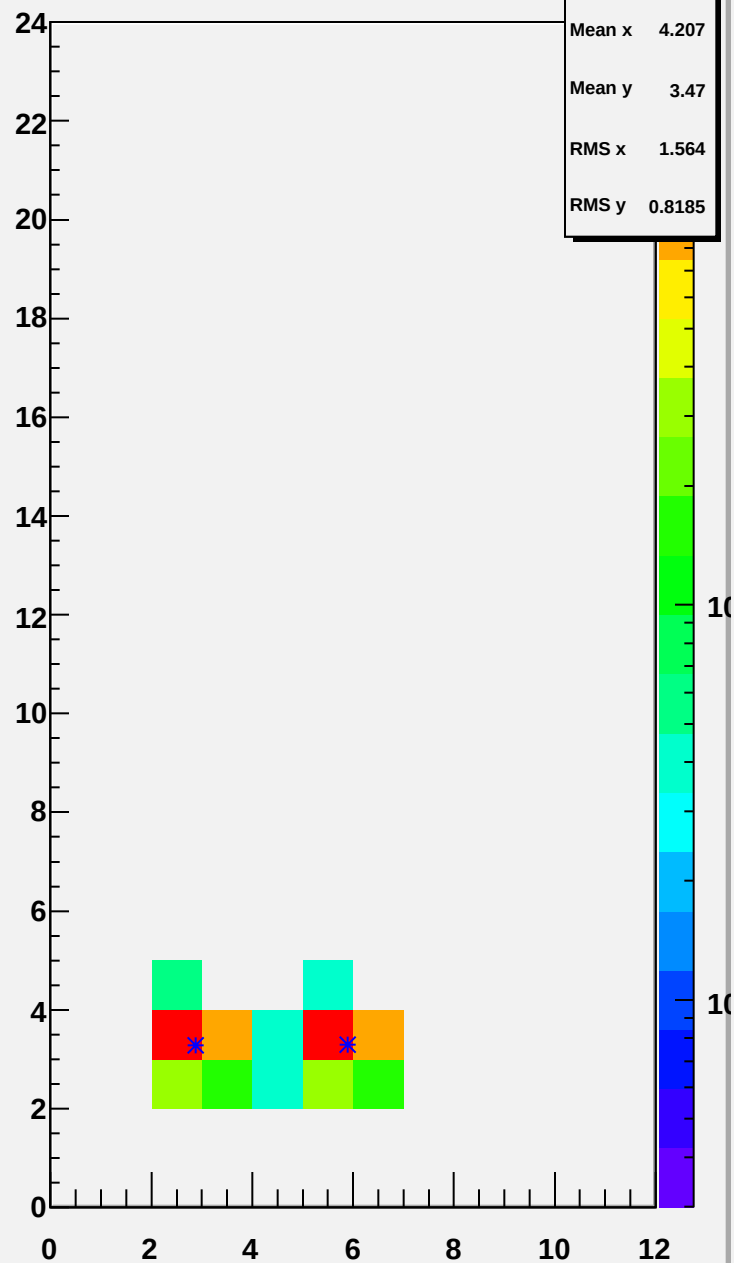
RMS x 1.521

RMS y 4.726

NSTB3_r4_c3_En= 9.3_m0=0.073 m1=0.073 index=444



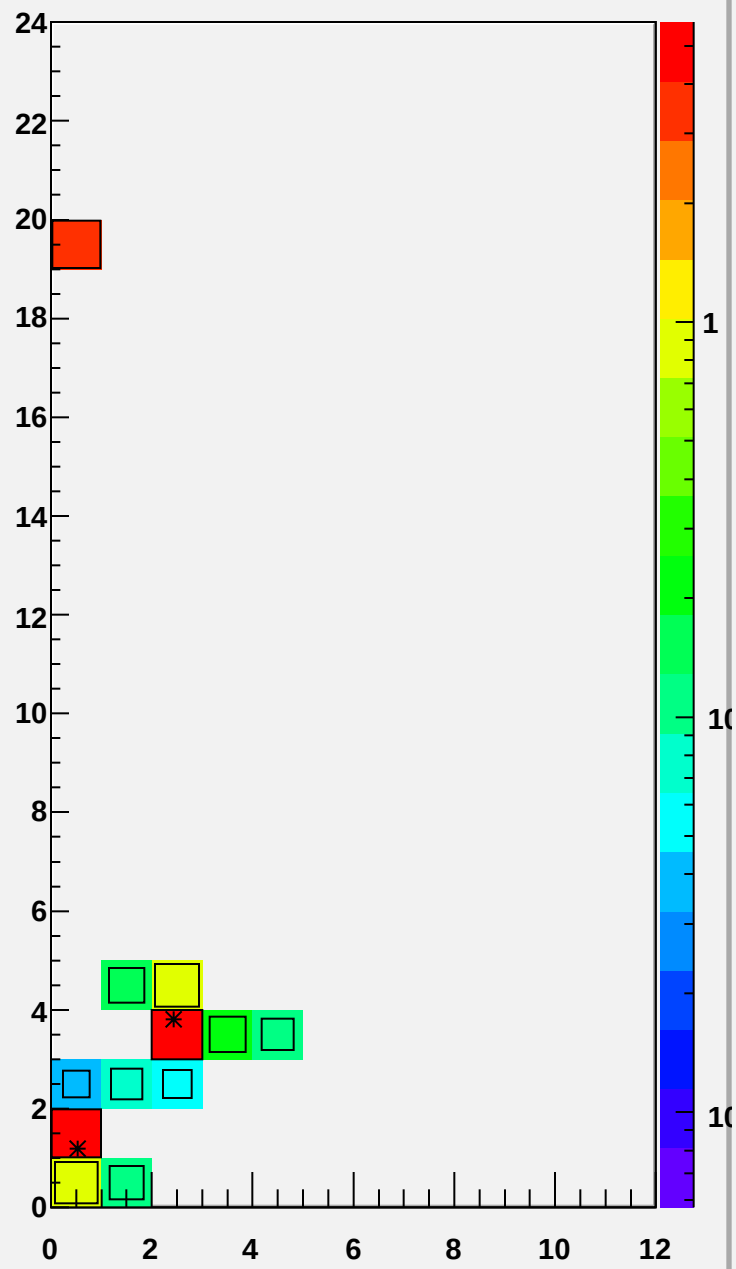
Fitted Energies



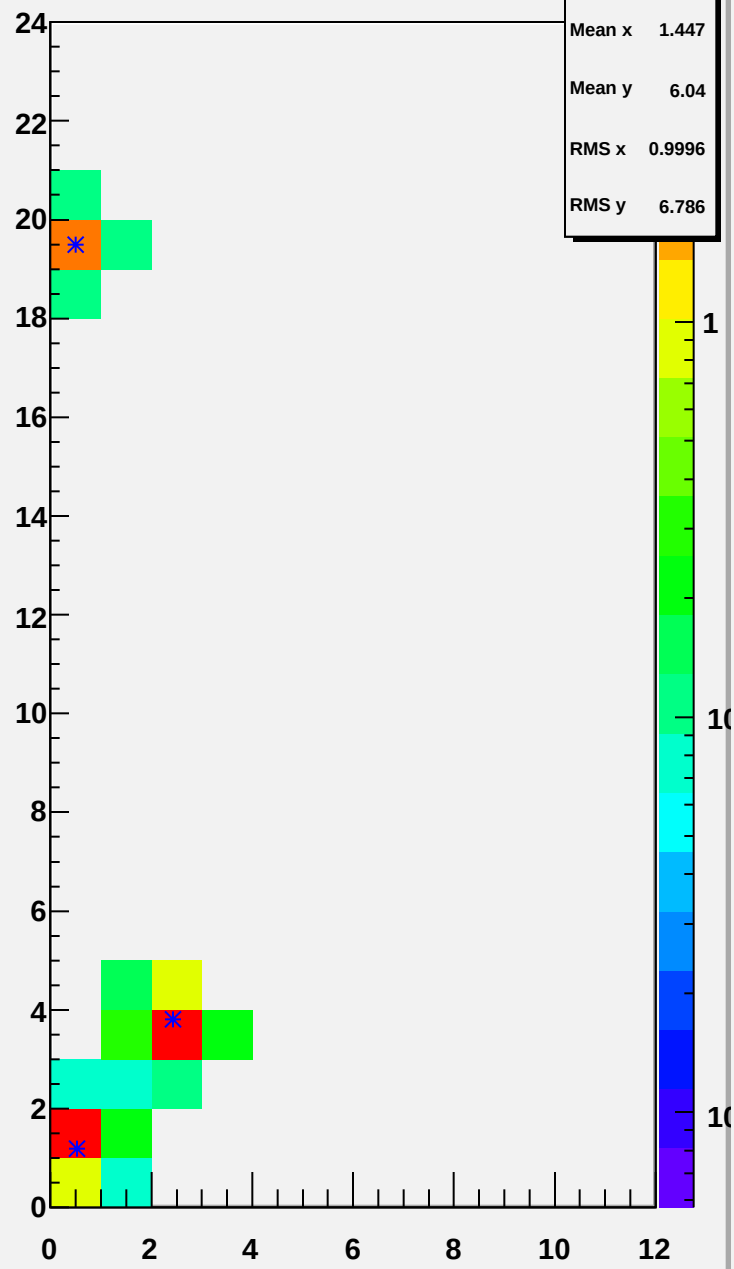
Efit

Entries	288
Mean x	4.207
Mean y	3.47
RMS x	1.564
RMS y	0.8185

NSTB3_r4_c3_En=15.8_m0=0.119_m1=0.119_index=445



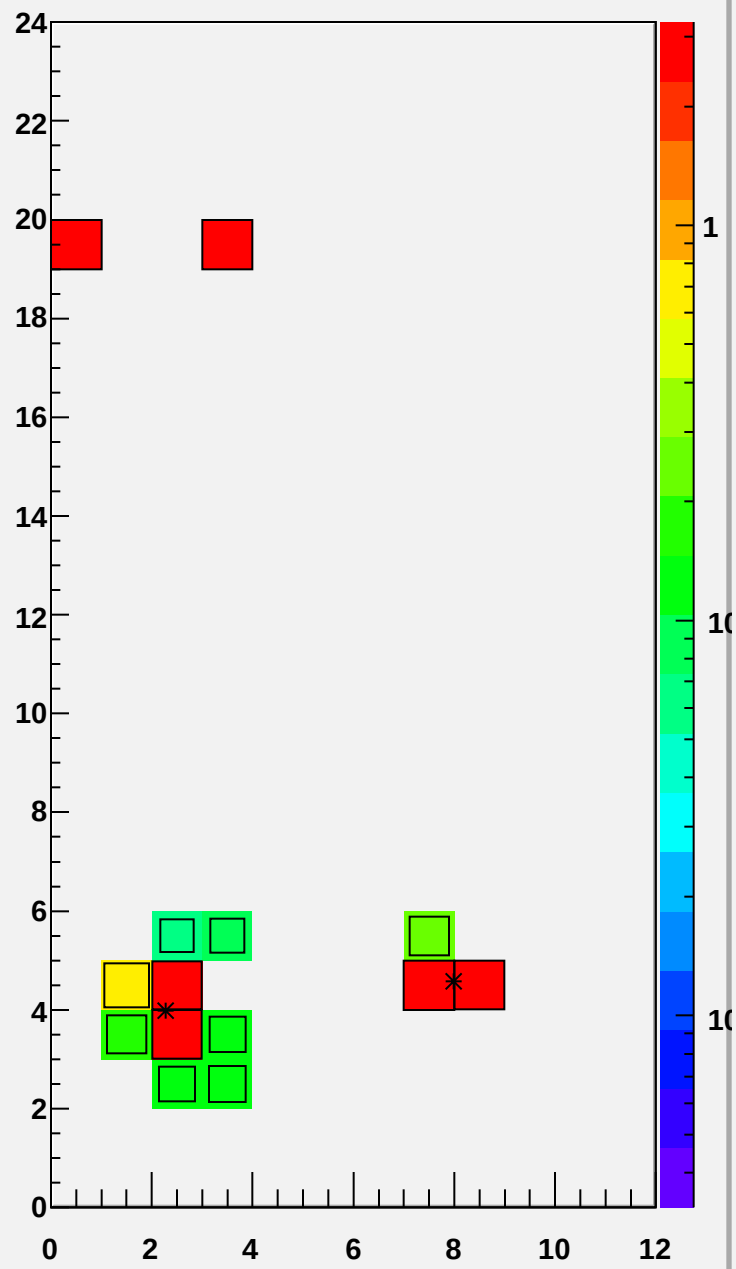
Fitted Energies



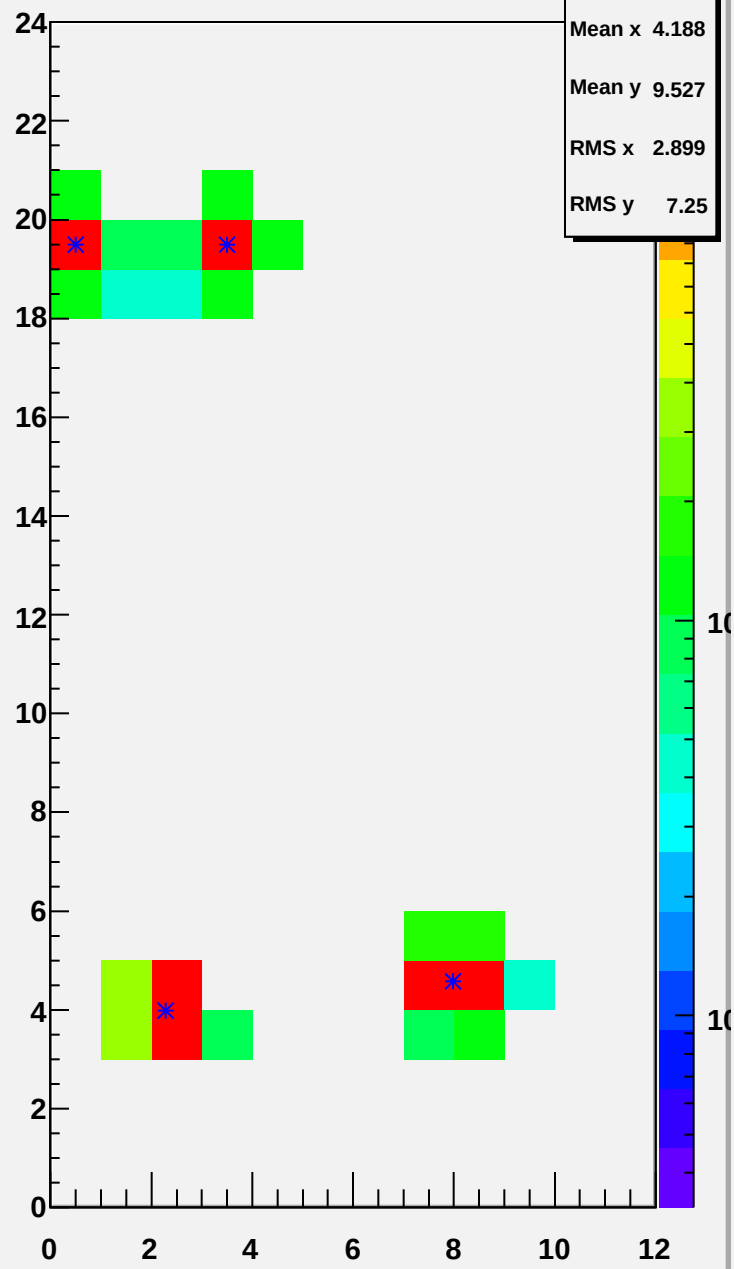
Efit

Entries	288
Mean x	1.447
Mean y	6.04
RMS x	0.9996
RMS y	6.786

NSTB3_r4_c3_En=19.2_m0=0.208 m1=0.208 index=447



Fitted Energies



Efit

Entries 288

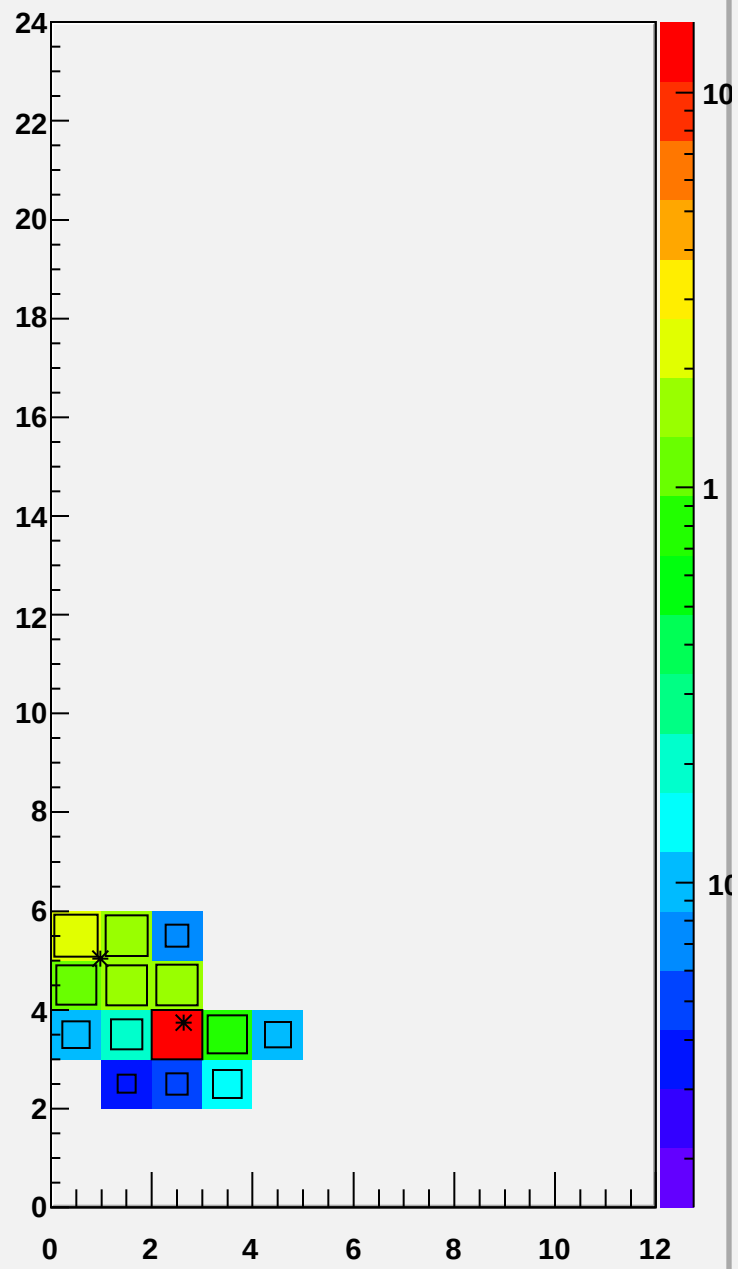
Mean x 4.188

Mean y 9.527

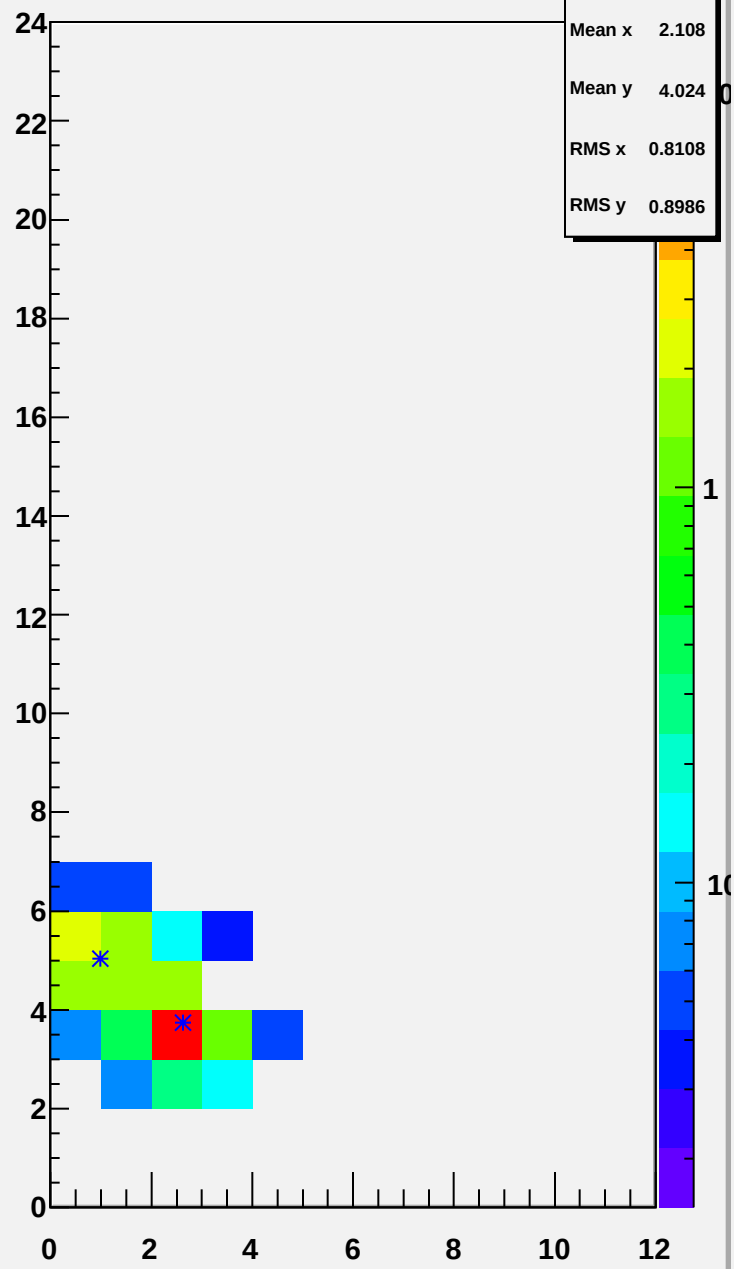
RMS x 2.899

RMS y 7.25

NSTB3_r4_c3_En=25.2_m0=0.138 m1=0.138 index=450



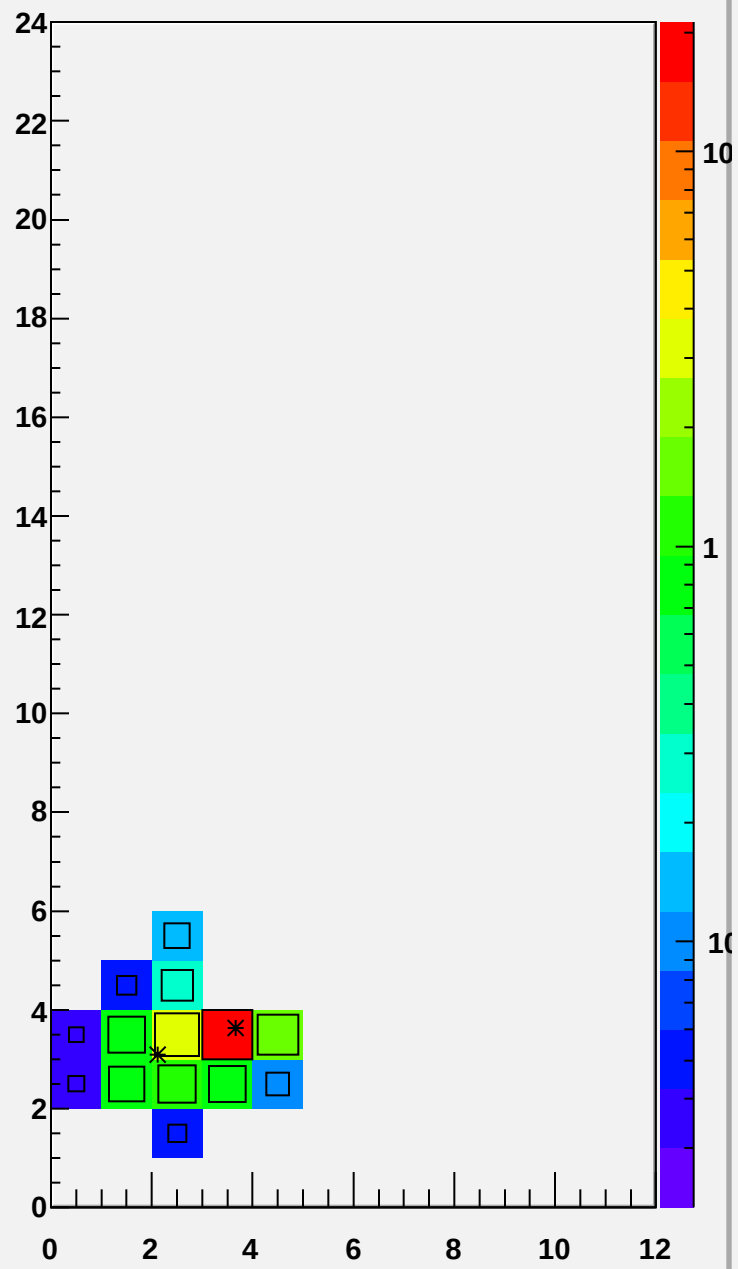
Fitted Energies



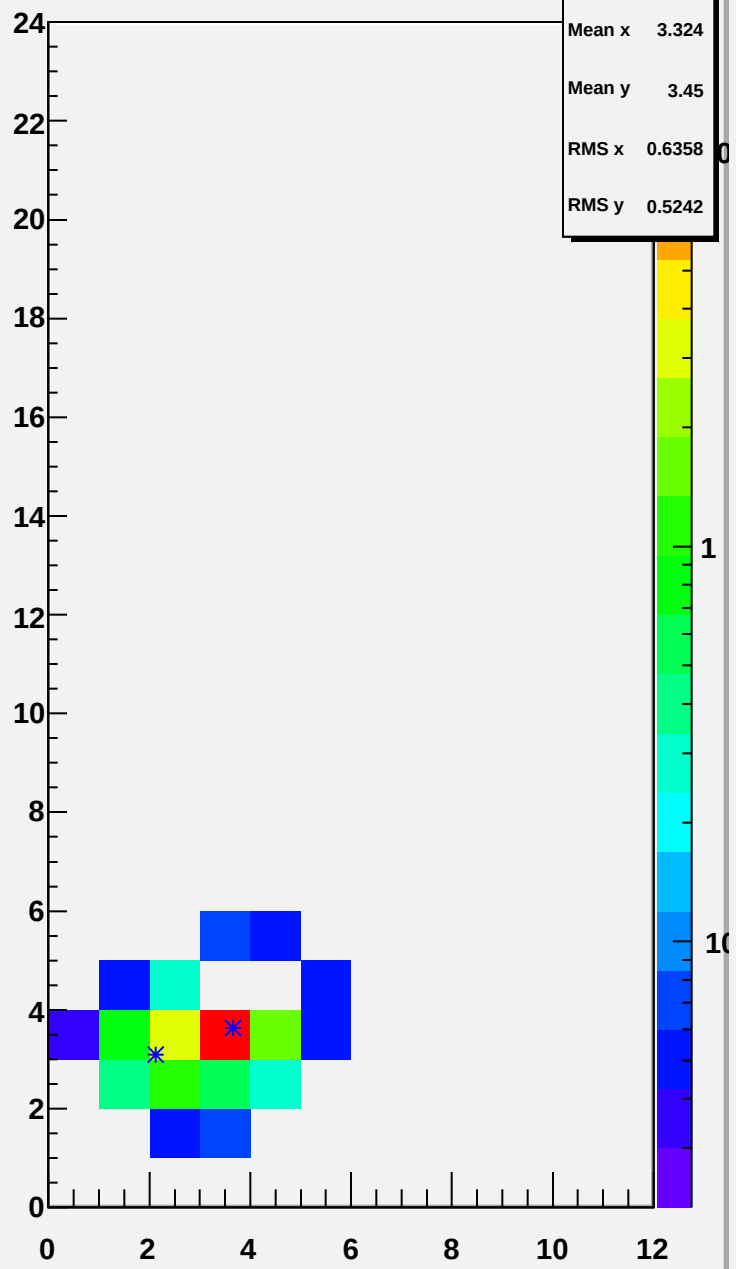
Efit

Entries	288
Mean x	2.108
Mean y	4.024
RMS x	0.8108
RMS y	0.8986

NSTB3_r4_c3_En=30.7_m0=0.108 m1=0.108 index=451



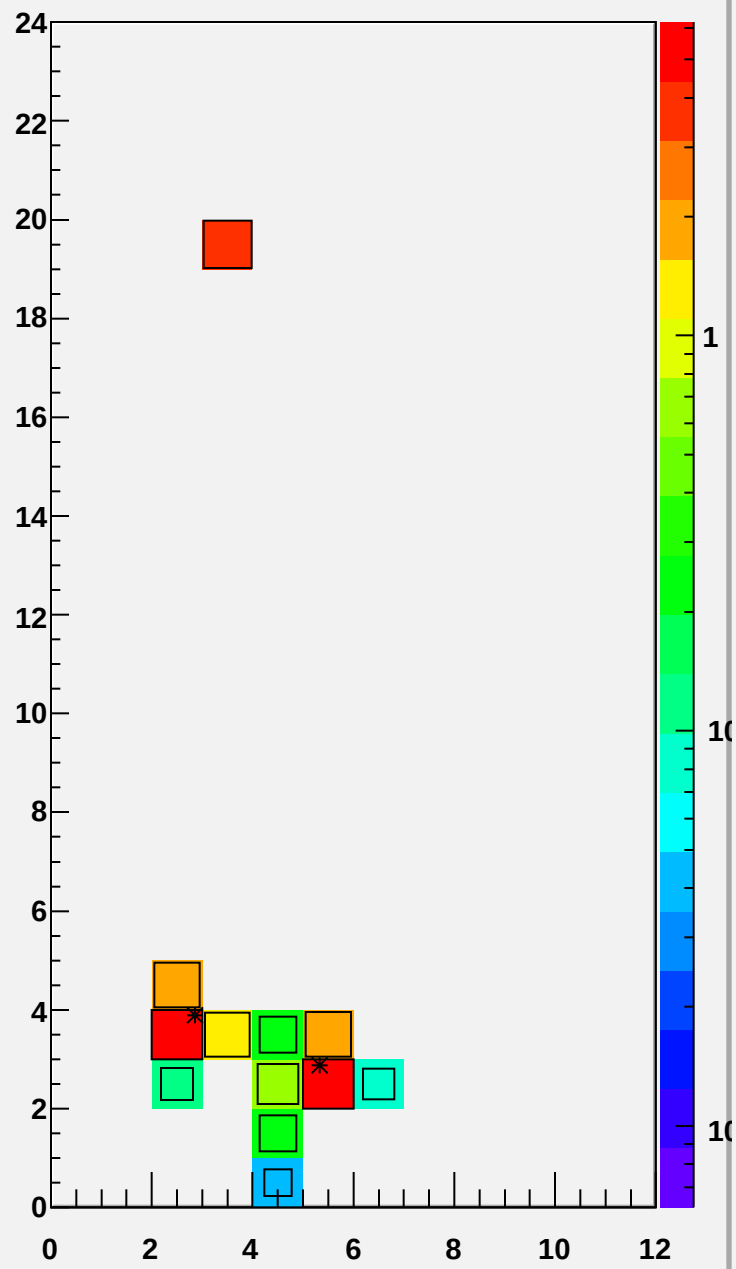
Fitted Energies



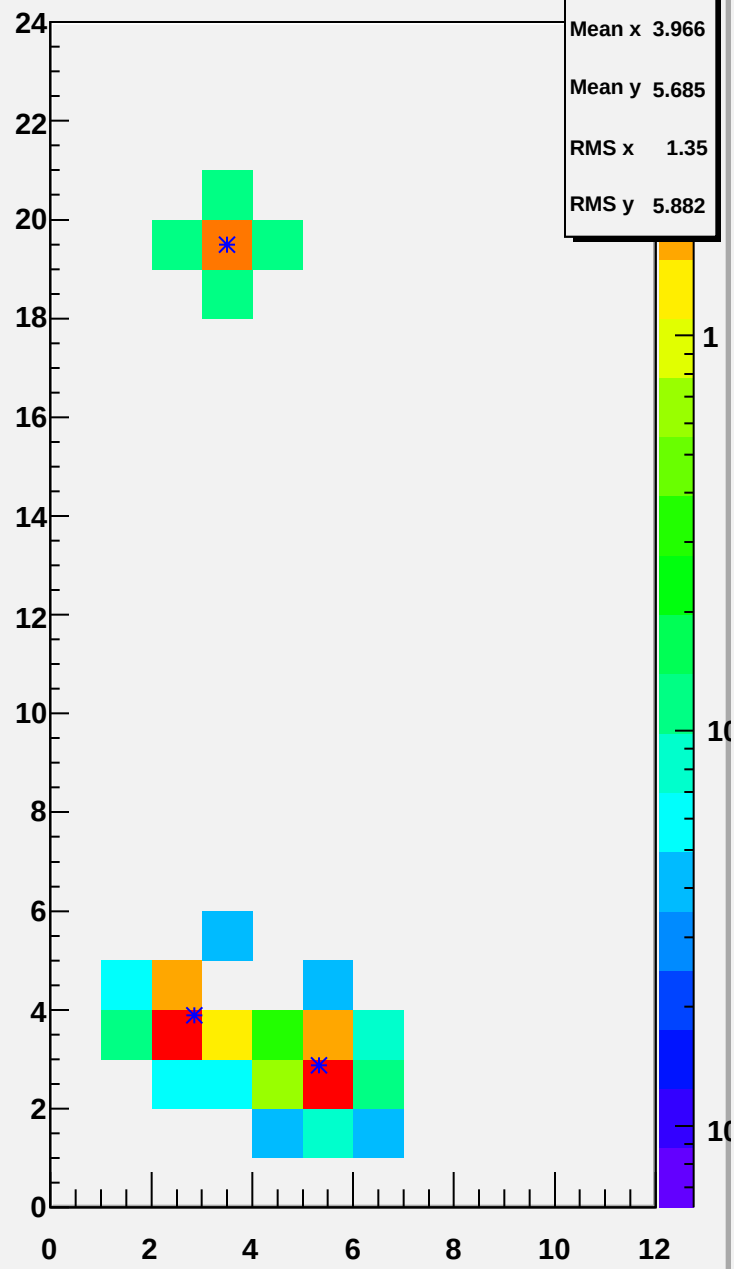
Efit

Entries	288
Mean x	3.324
Mean y	3.45
RMS x	0.6358
RMS y	0.5242

NSTB3_r4_c3_En=21.4_m0=0.142_m1=0.141_index=452



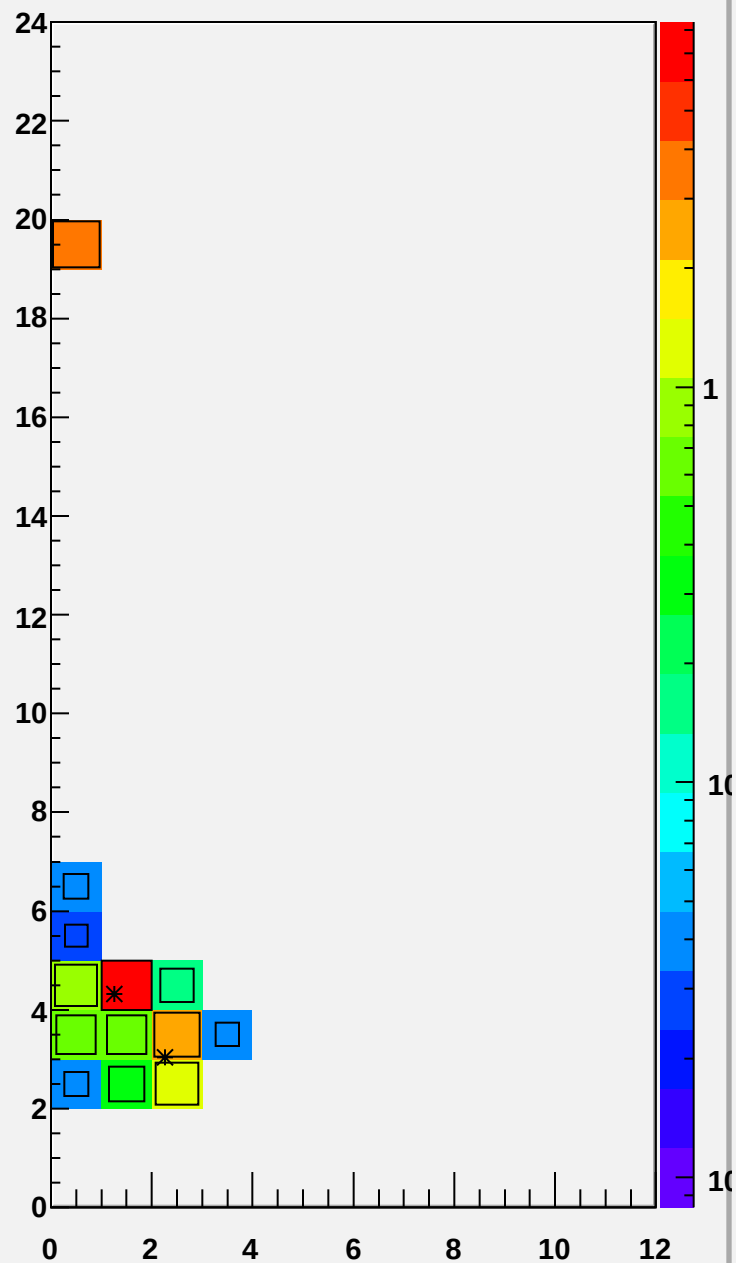
Fitted Energies



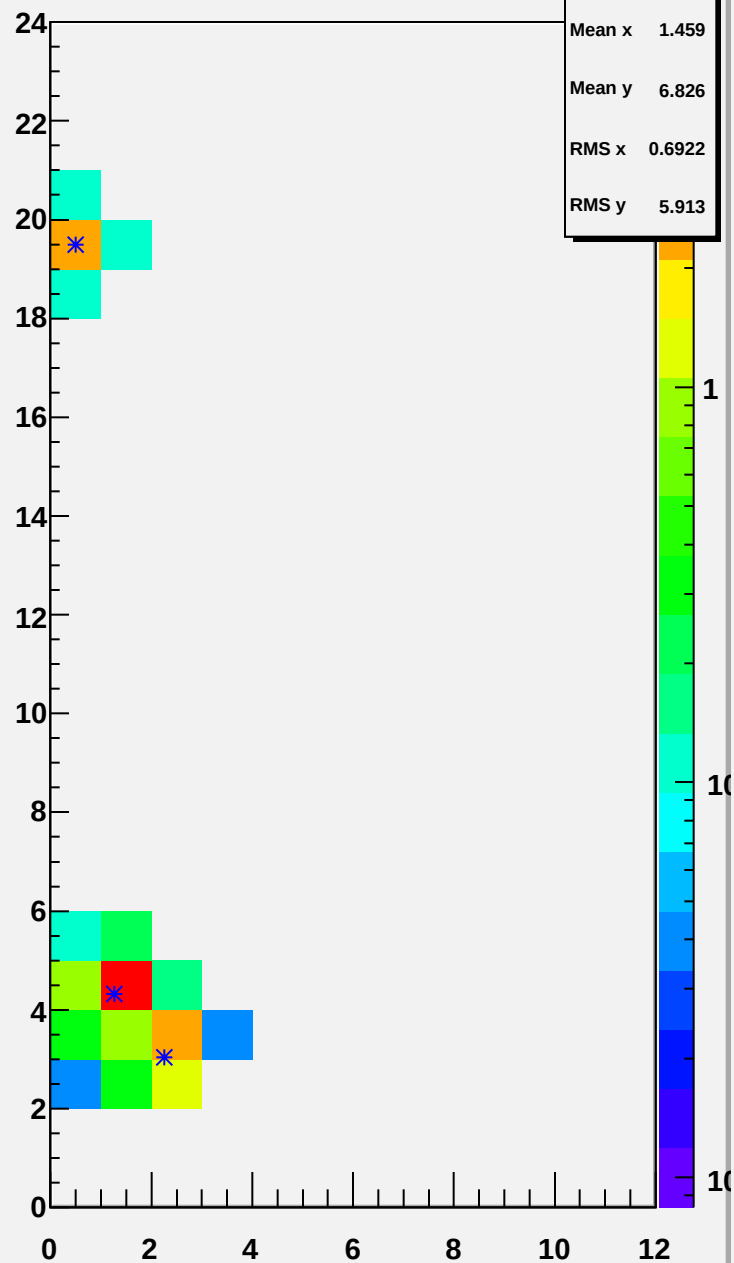
Efit

Entries 288
Mean x 3.966
Mean y 5.685
RMS x 1.35
RMS y 5.882

NSTB3_r4_c3_En=17.9_m0=0.061 m1=0.061 index=453



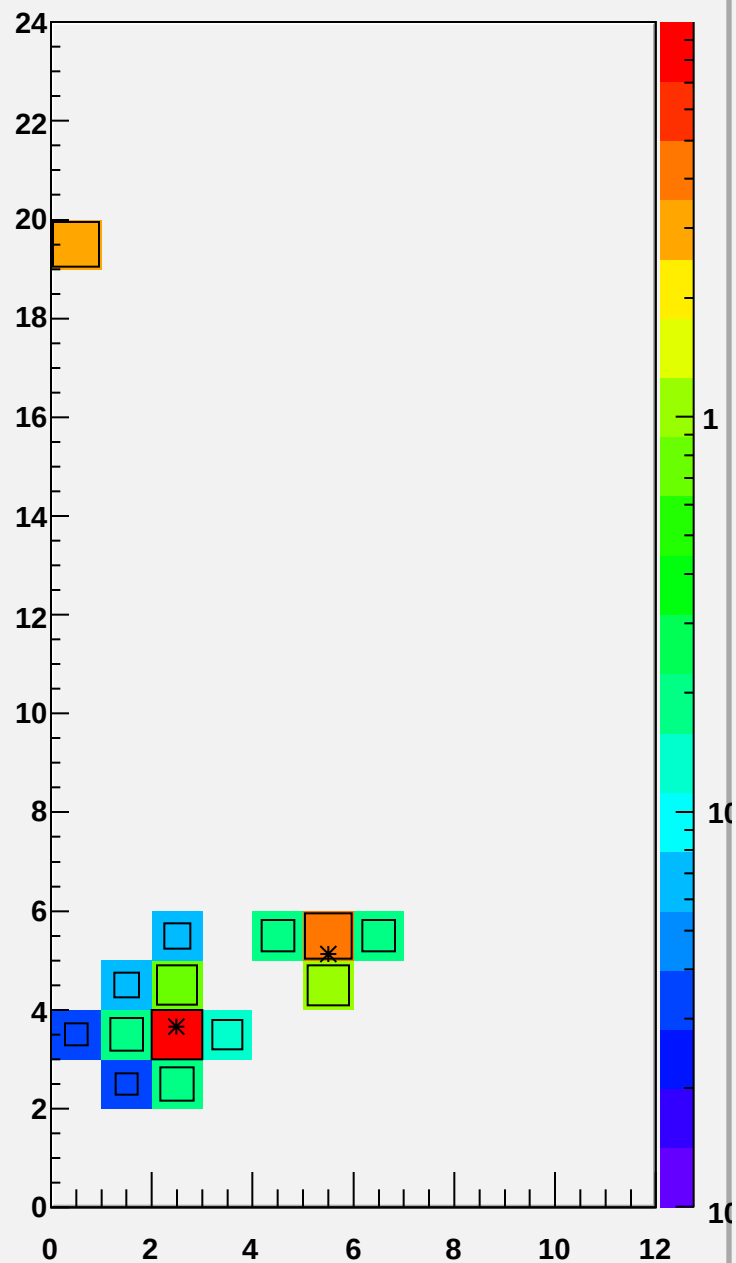
Fitted Energies



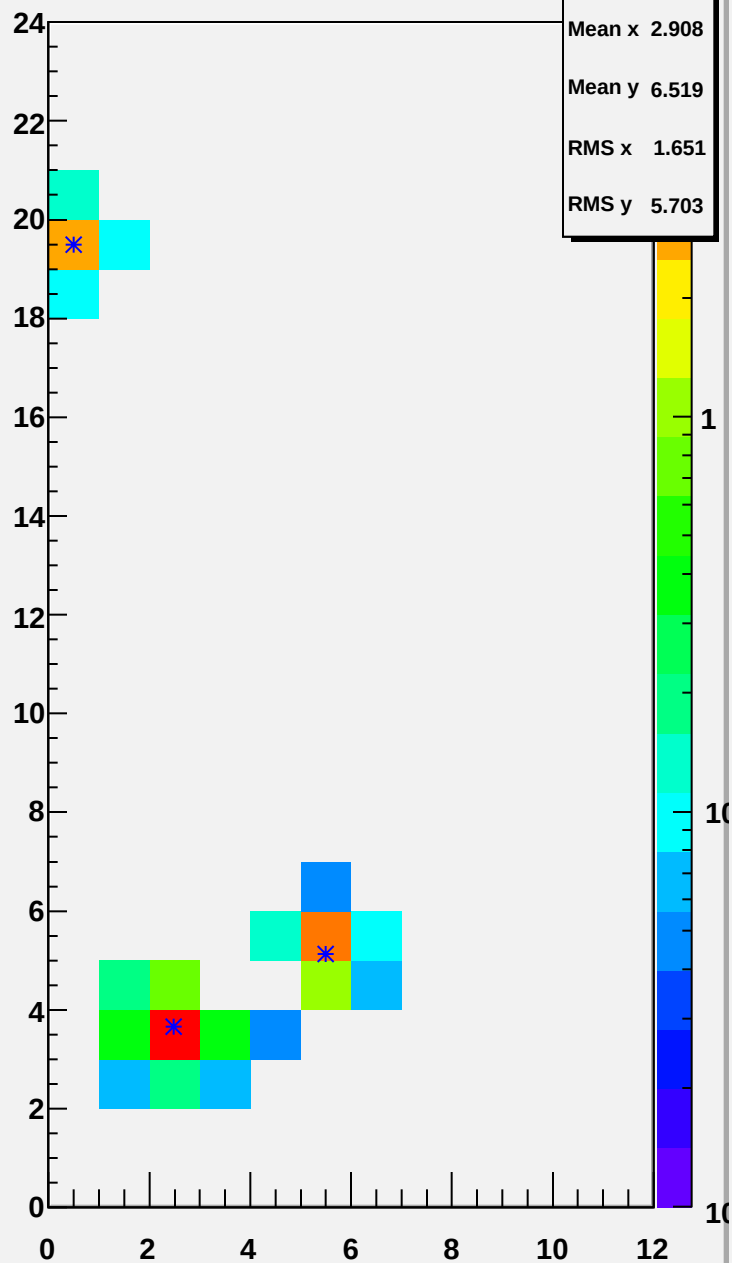
Efit

Entries	288
Mean x	1.459
Mean y	6.826
RMS x	0.6922
RMS y	5.913

NSTB3_r4_c3_En=19.6_m0=0.146_m1=0.146_index=454



Fitted Energies



Efit

Entries 288

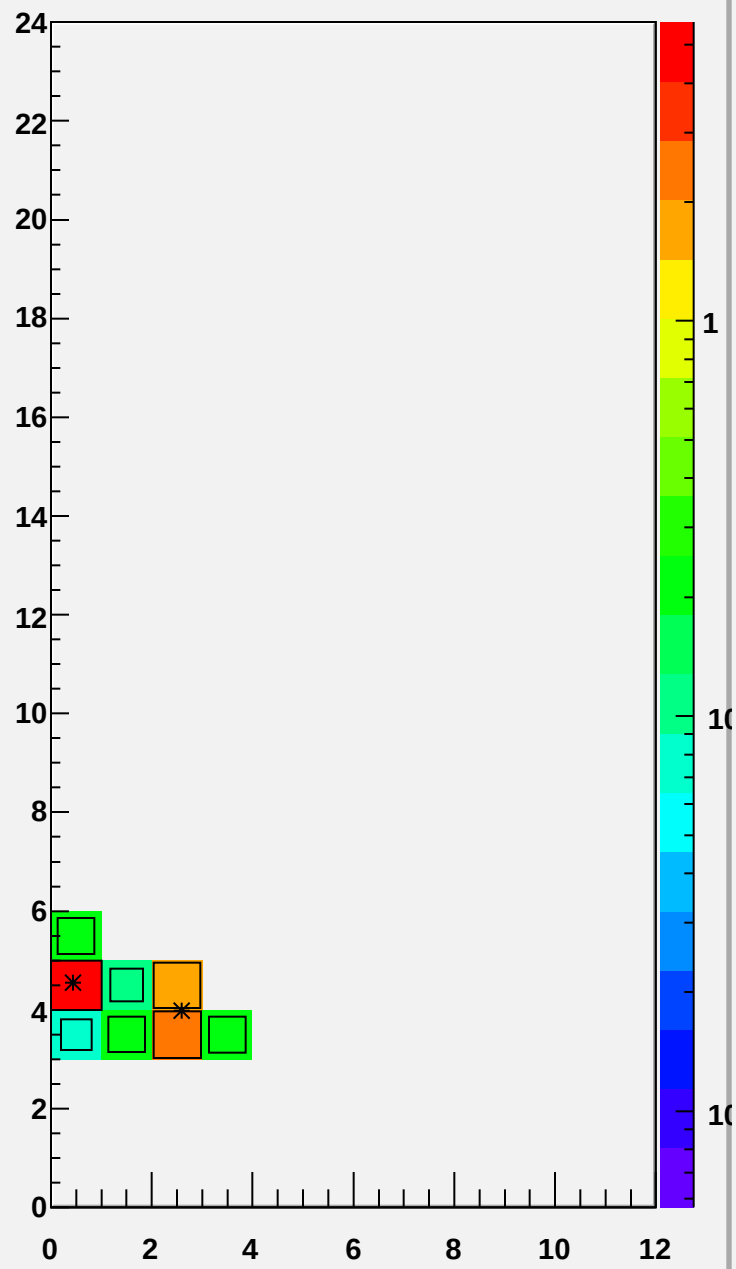
Mean x 2.908

Mean y 6.519

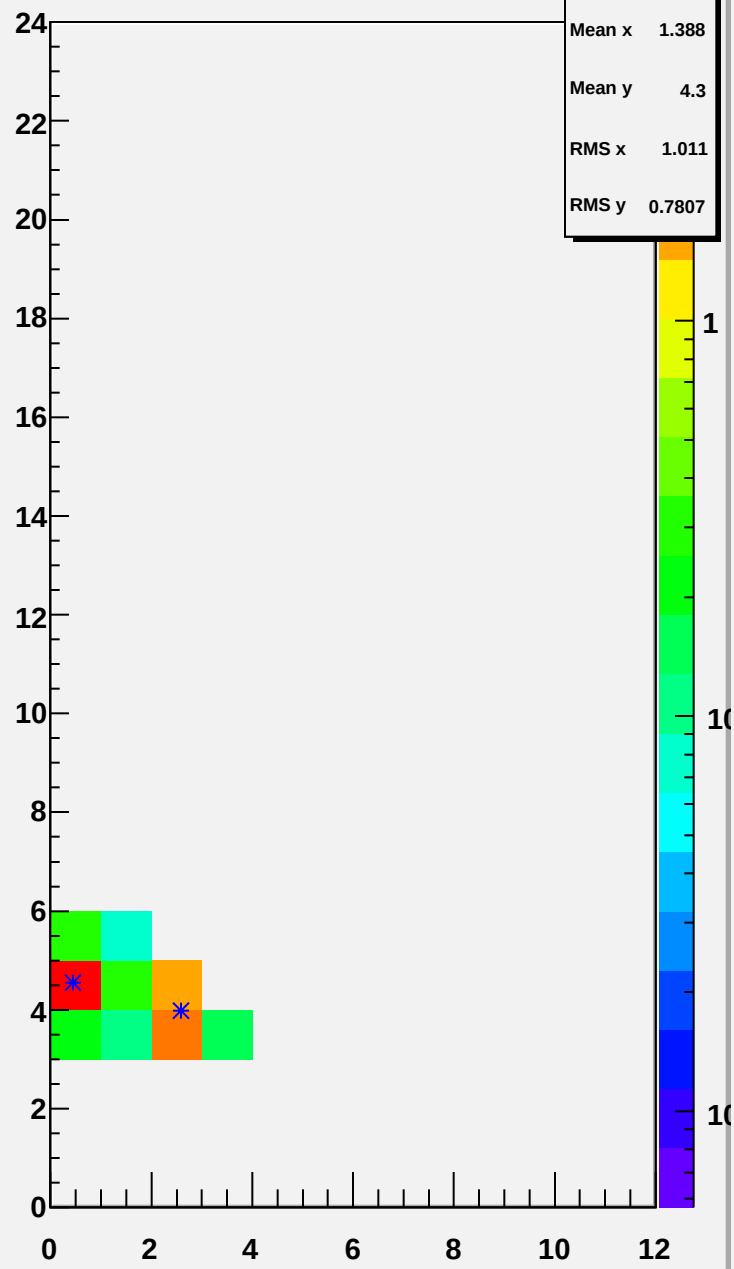
RMS x 1.651

RMS y 5.703

NSTB3_r4_c3_En=10.9_m0=0.072 m1=0.072 index=455



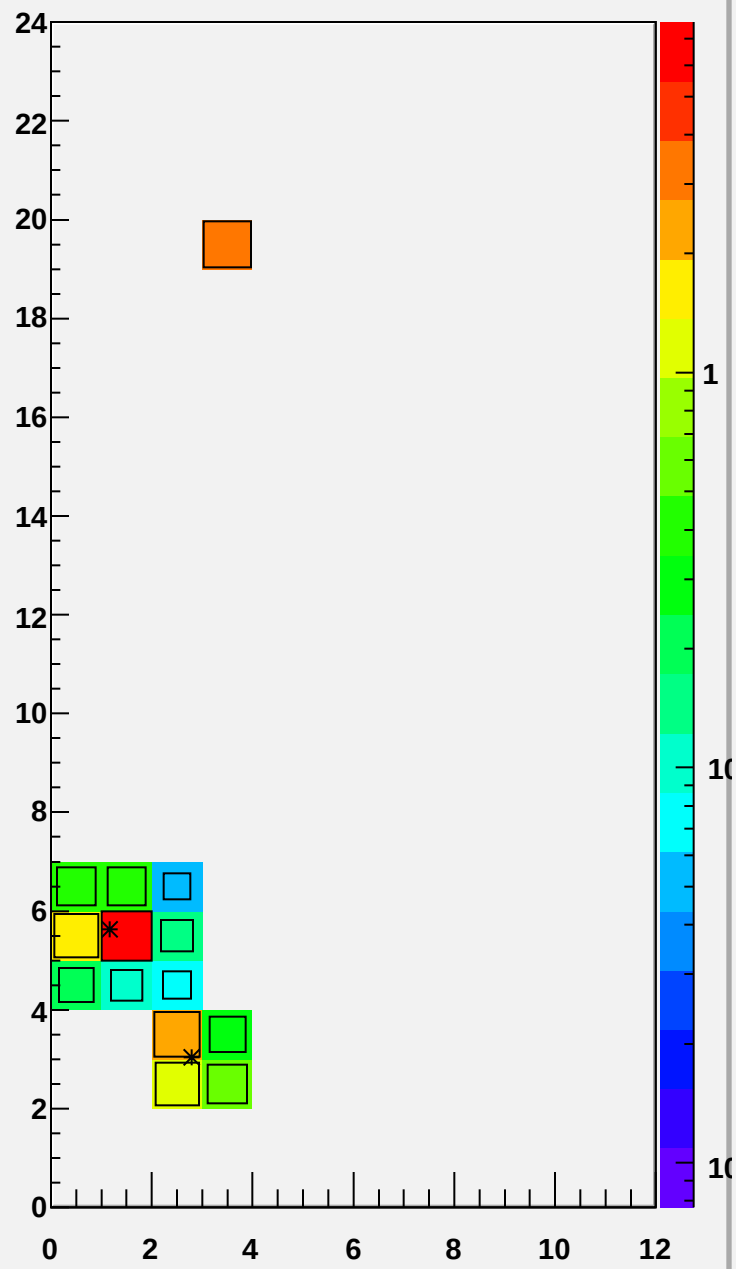
Fitted Energies



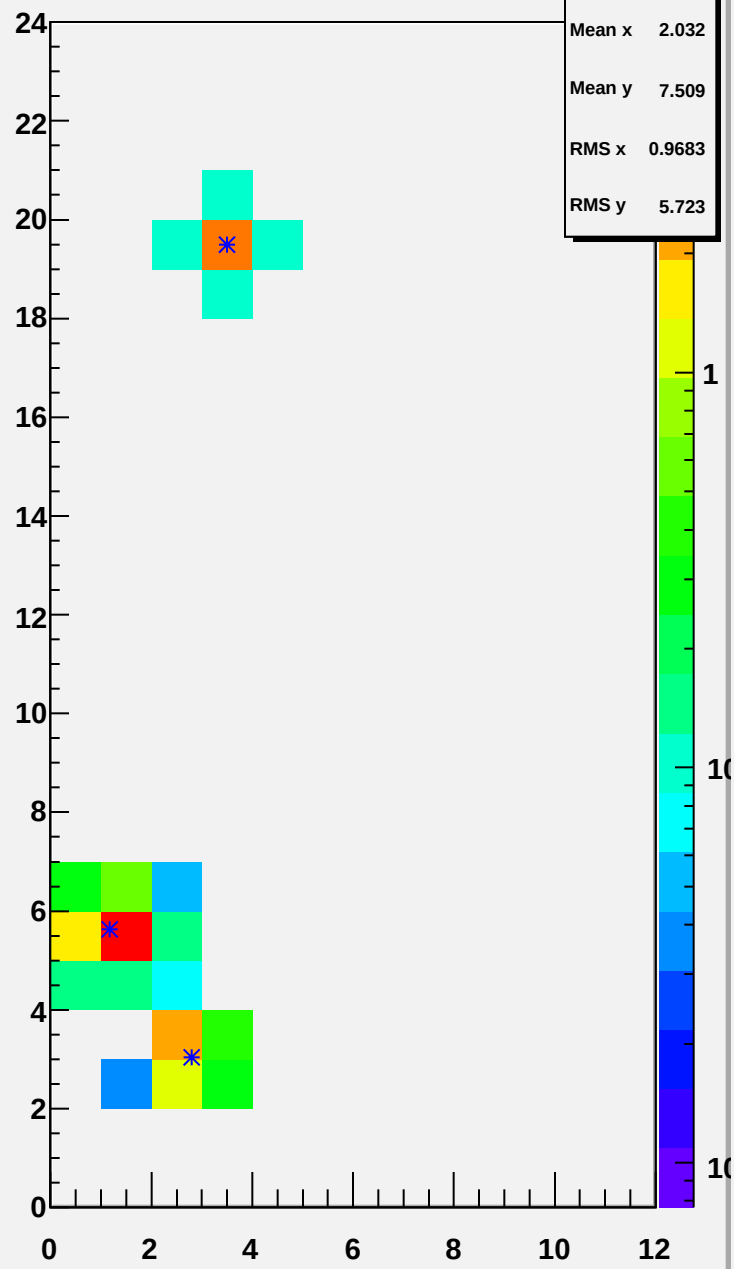
Efit

Entries	288
Mean x	1.388
Mean y	4.3
RMS x	1.011
RMS y	0.7807

NSTB3_r4_c3_En=18.3_m0=0.119 m1=0.119 index=456



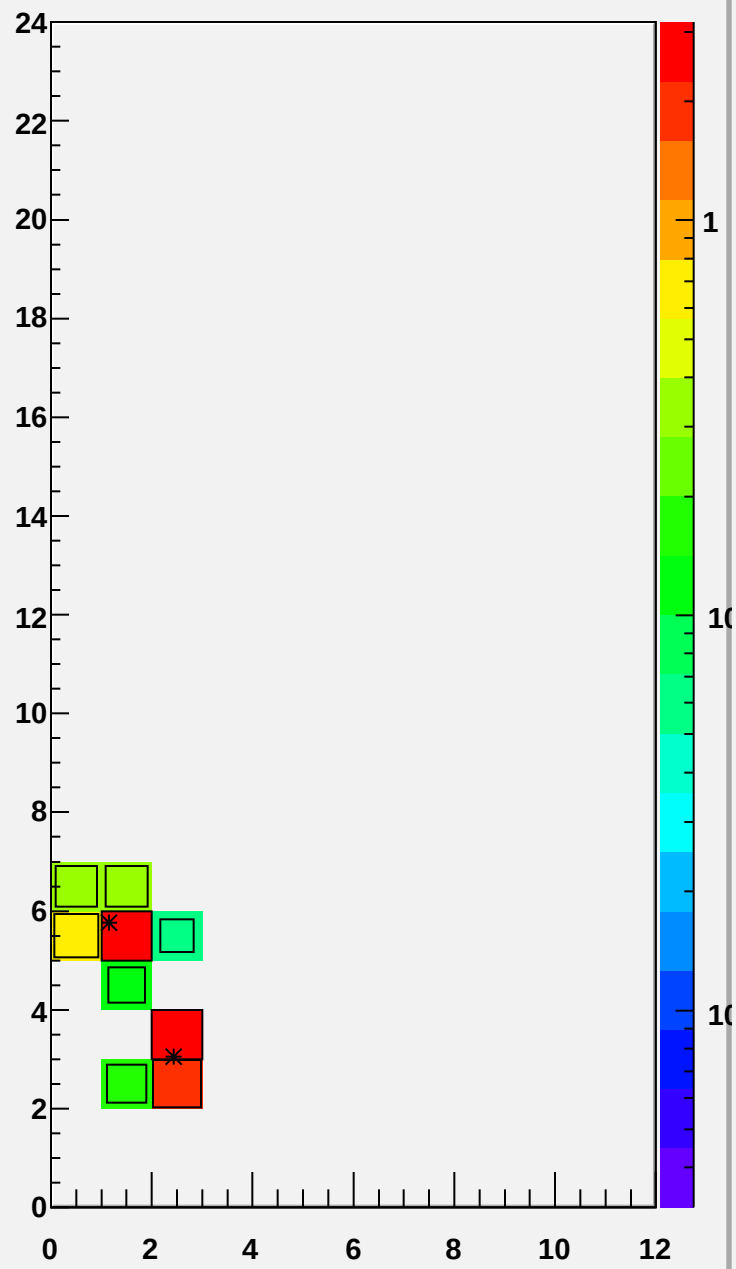
Fitted Energies



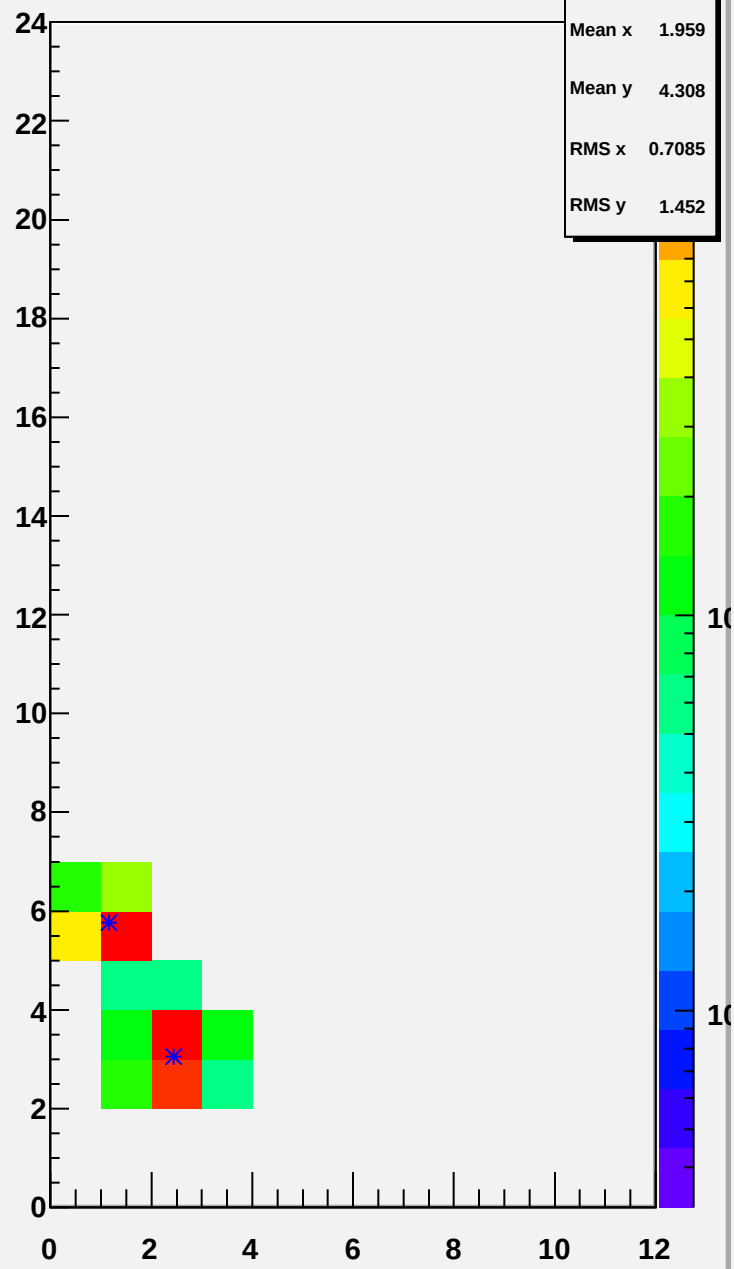
Efit

Entries	288
Mean x	2.032
Mean y	7.509
RMS x	0.9683
RMS y	5.723

NSTB3_r4_c3_En= 9.6_m0=0.084 m1=0.084 index=457



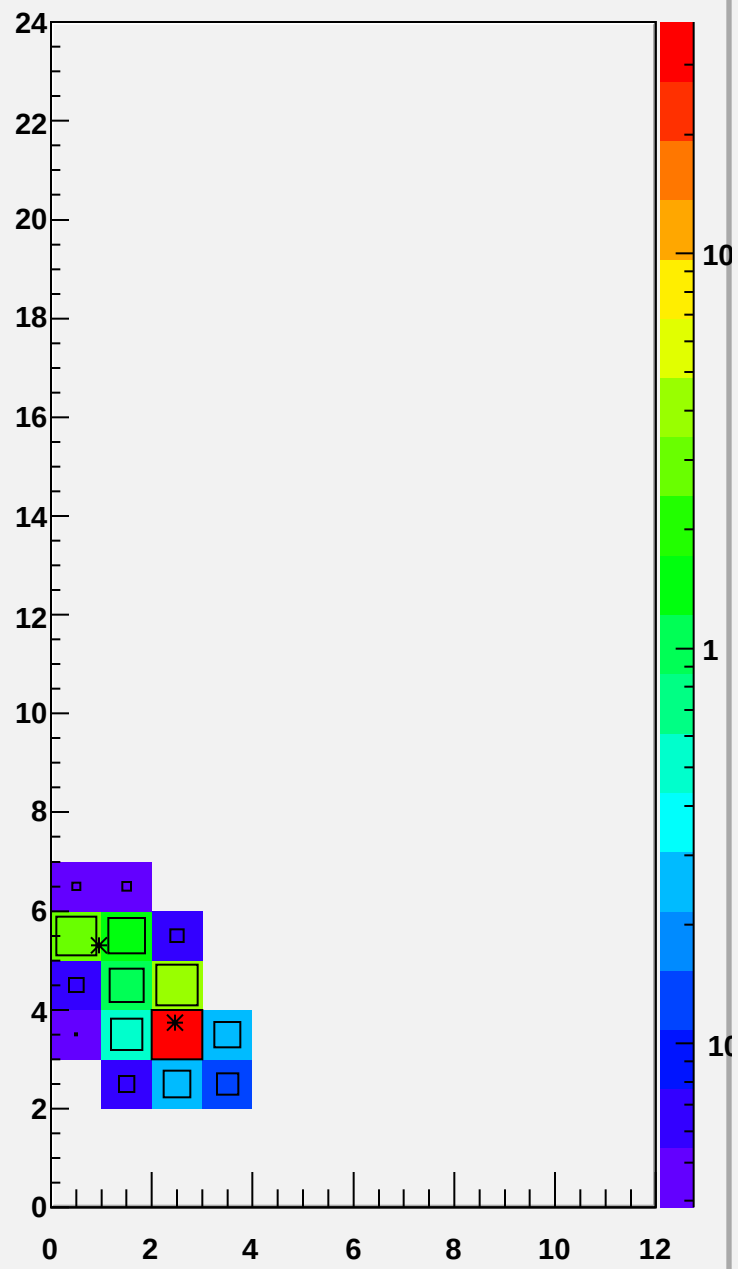
Fitted Energies



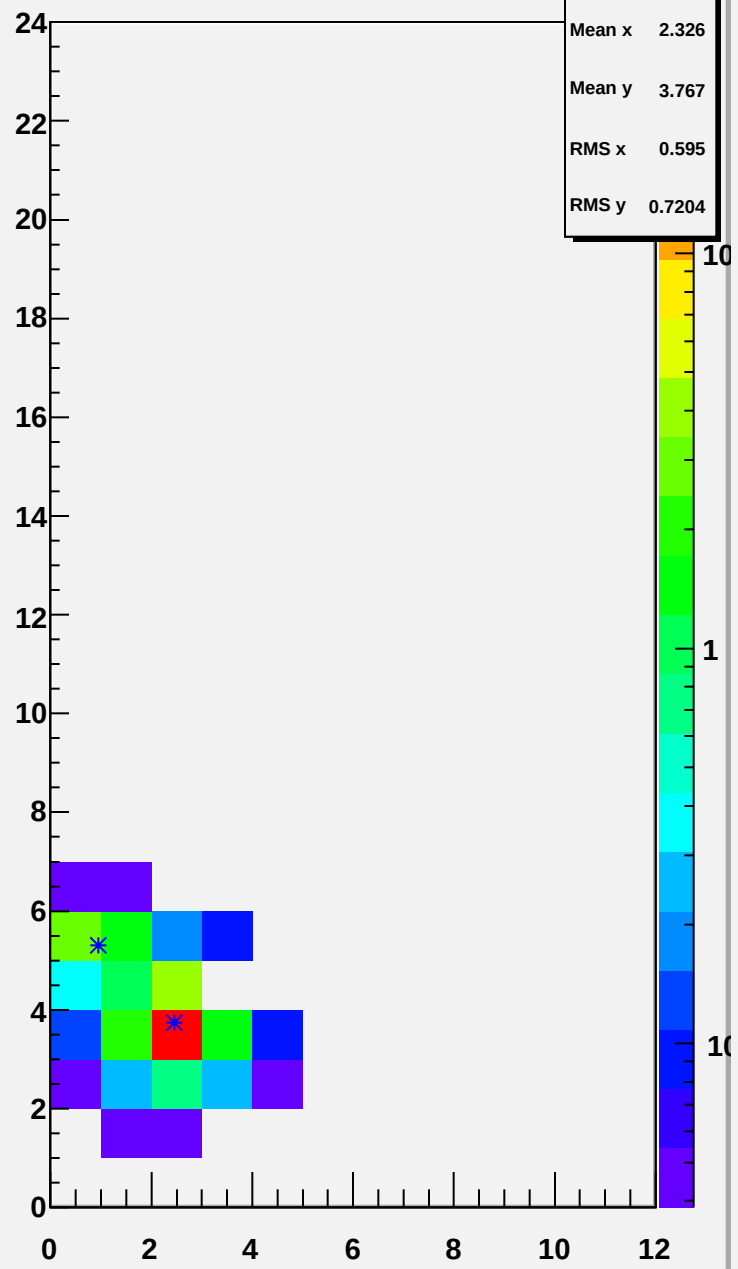
Efit

Entries	288
Mean x	1.959
Mean y	4.308
RMS x	0.7085
RMS y	1.452

NSTB3_r4_c3_En=49.3_m0=0.182 m1=0.182 index=459



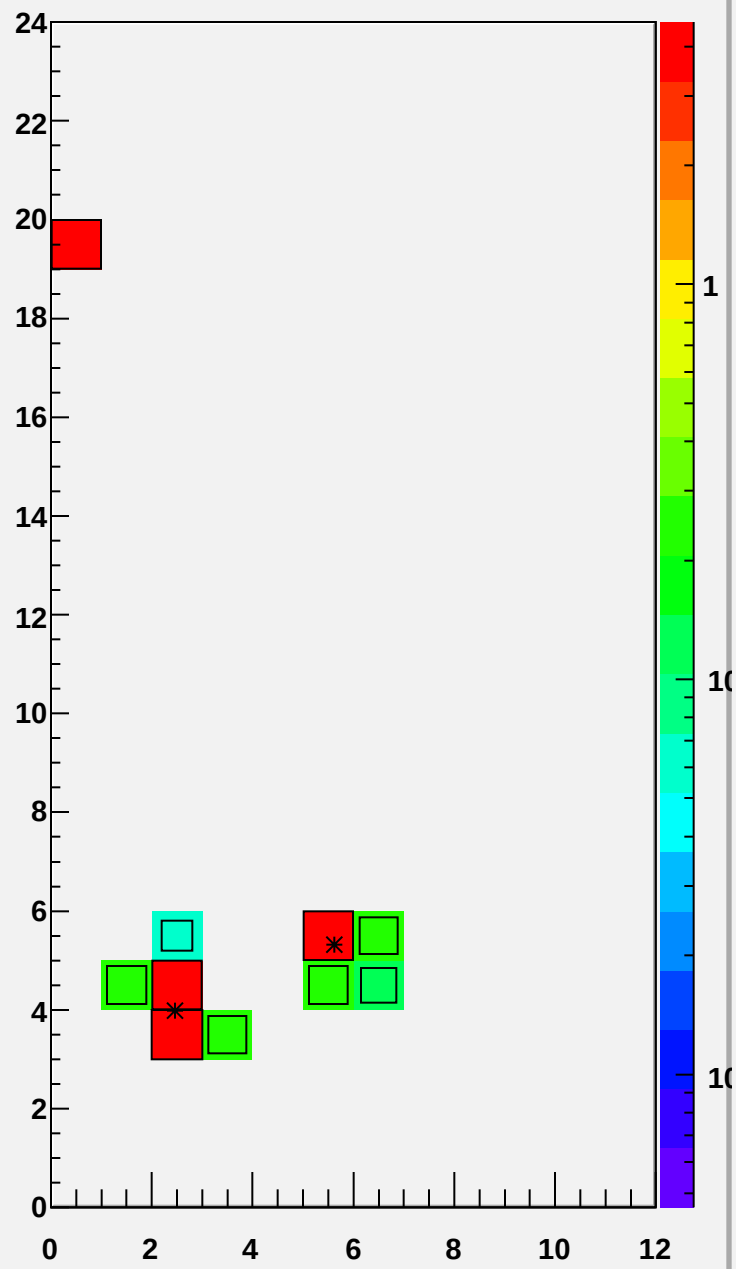
Fitted Energies



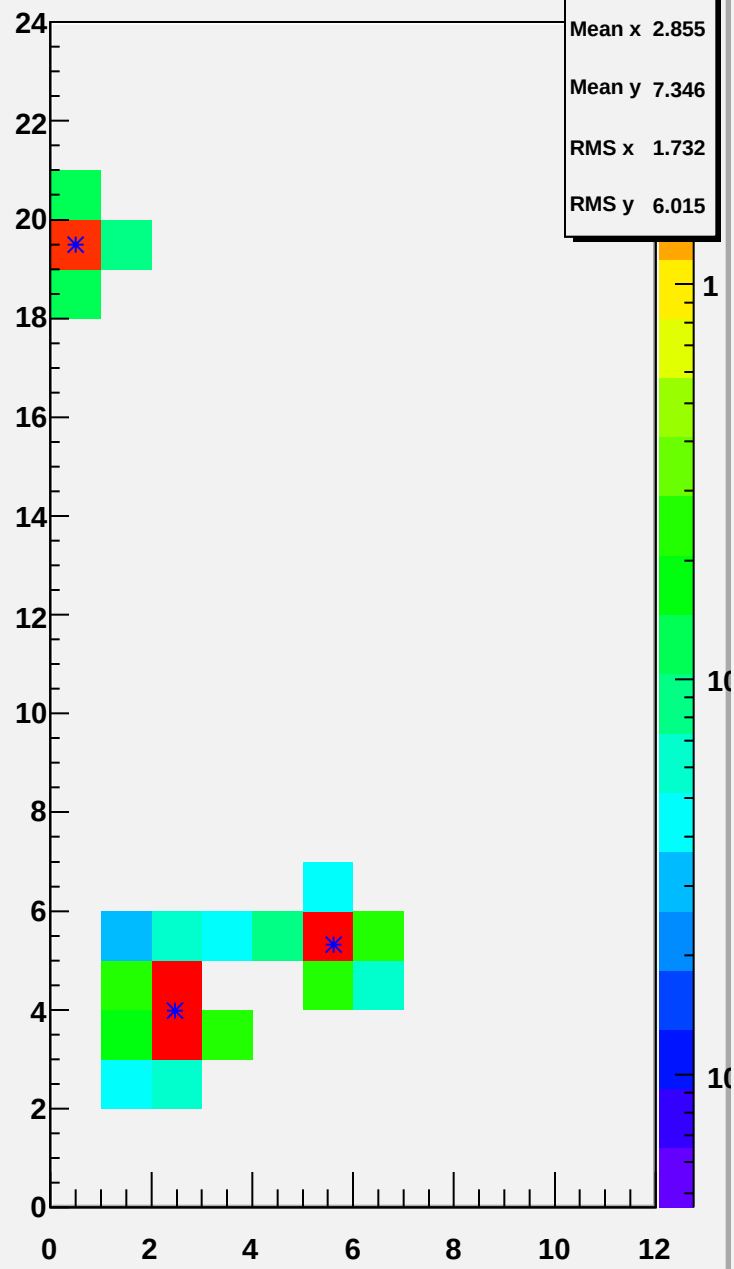
Efit

Entries	288
Mean x	2.326
Mean y	3.767
RMS x	0.595
RMS y	0.7204

NSTB3_r4_c3_En=16.2_m0=0.121 m1=0.121 index=461



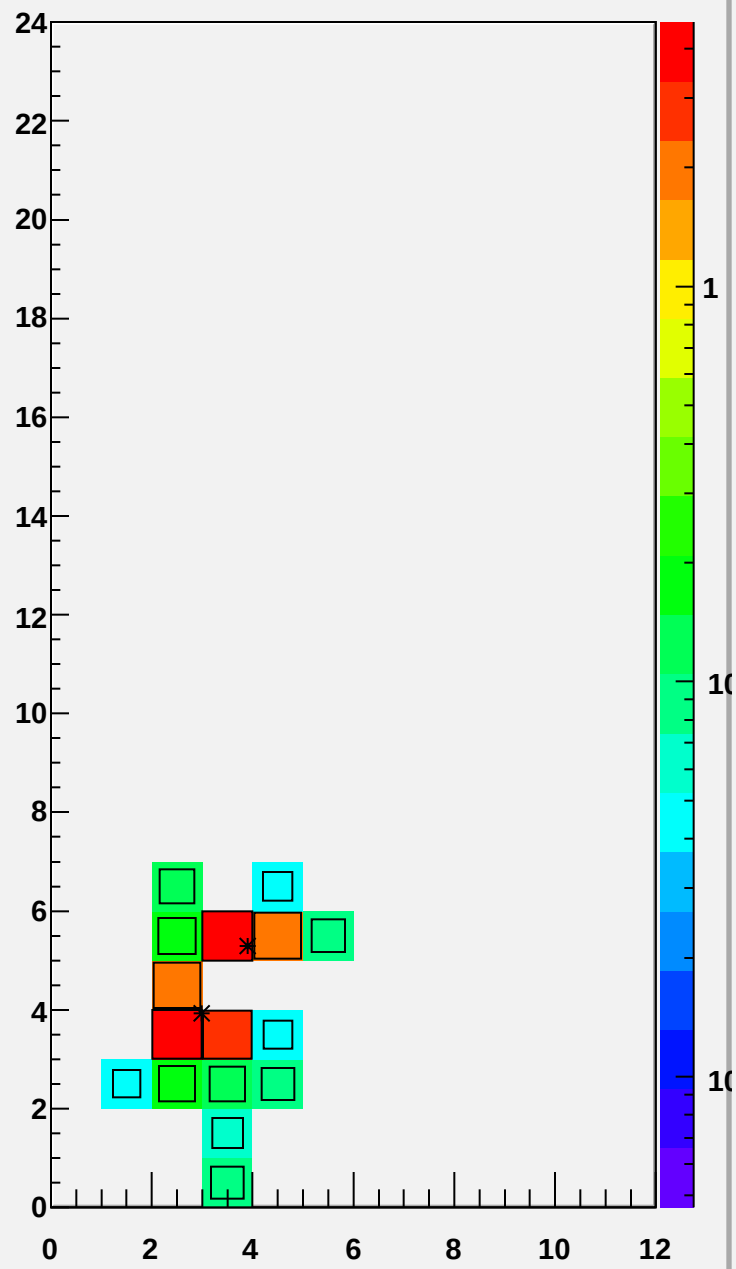
Fitted Energies



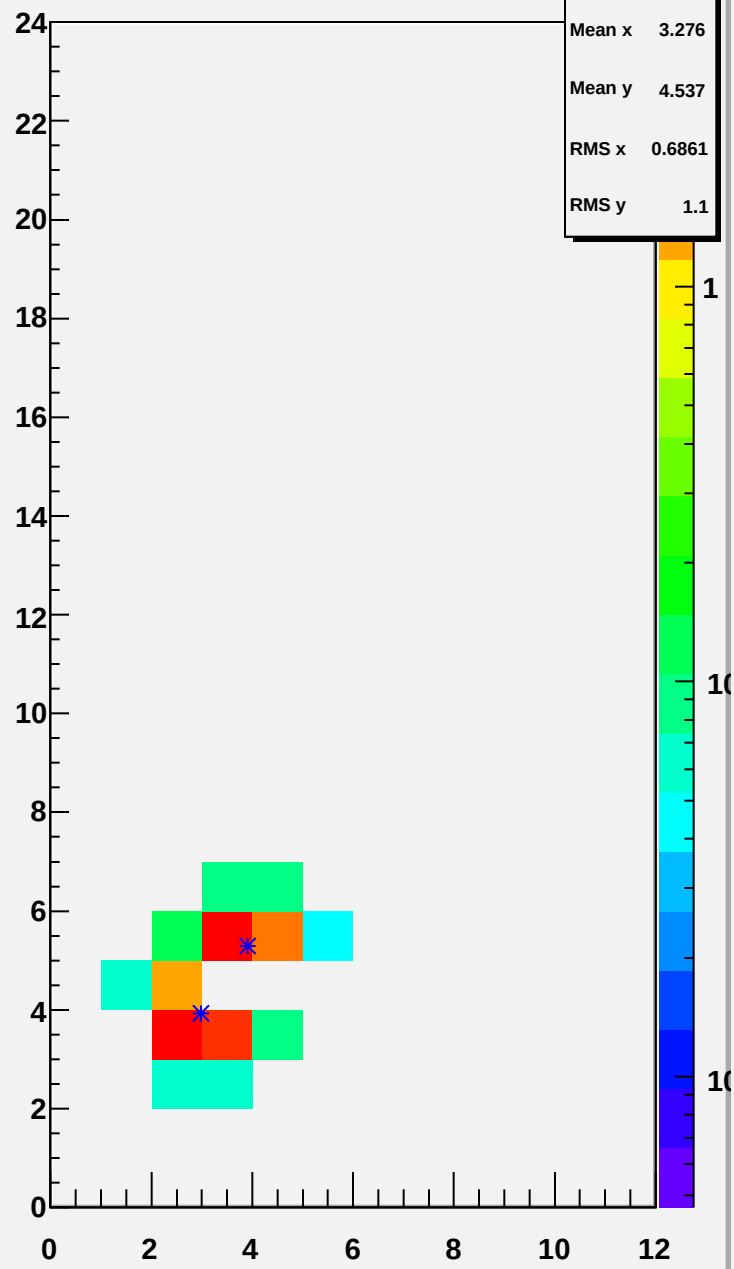
Efit

Entries 288
Mean x 2.855
Mean y 7.346
RMS x 1.732
RMS y 6.015

NSTB3_r4_c3_En=15.8_m0=0.078 m1=0.078 index=462



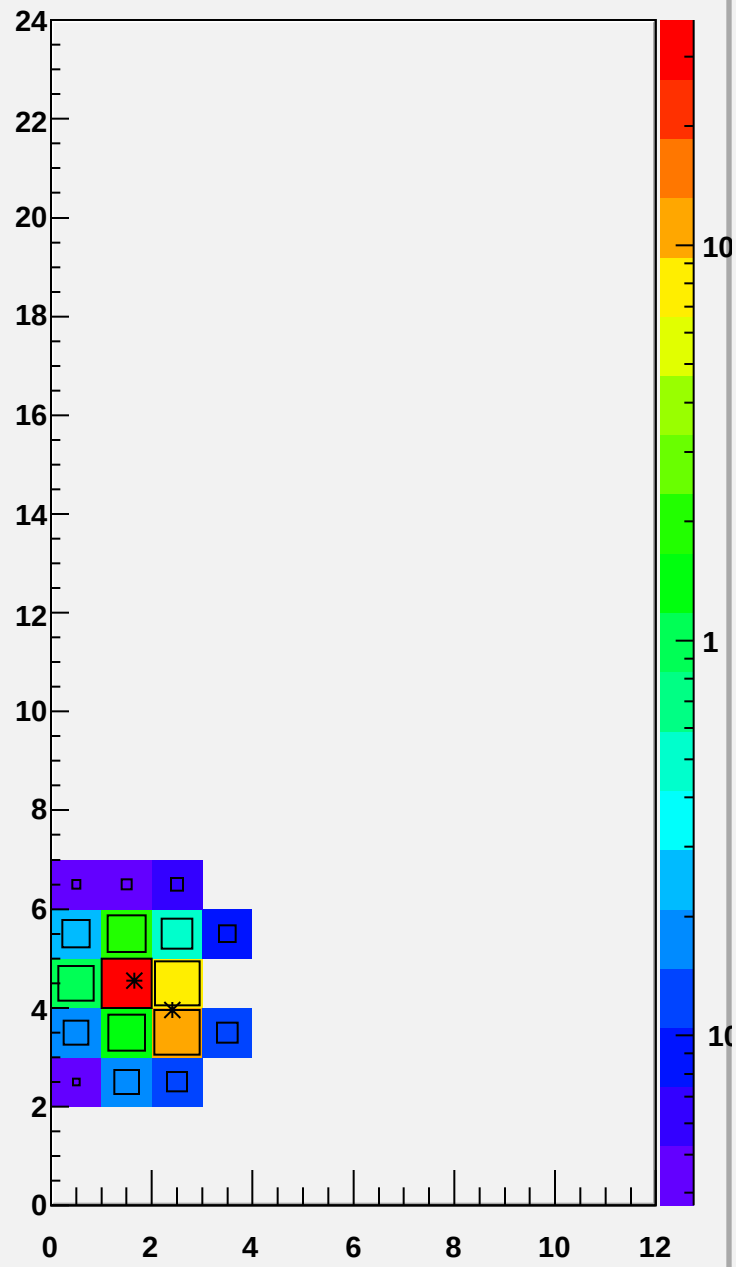
Fitted Energies



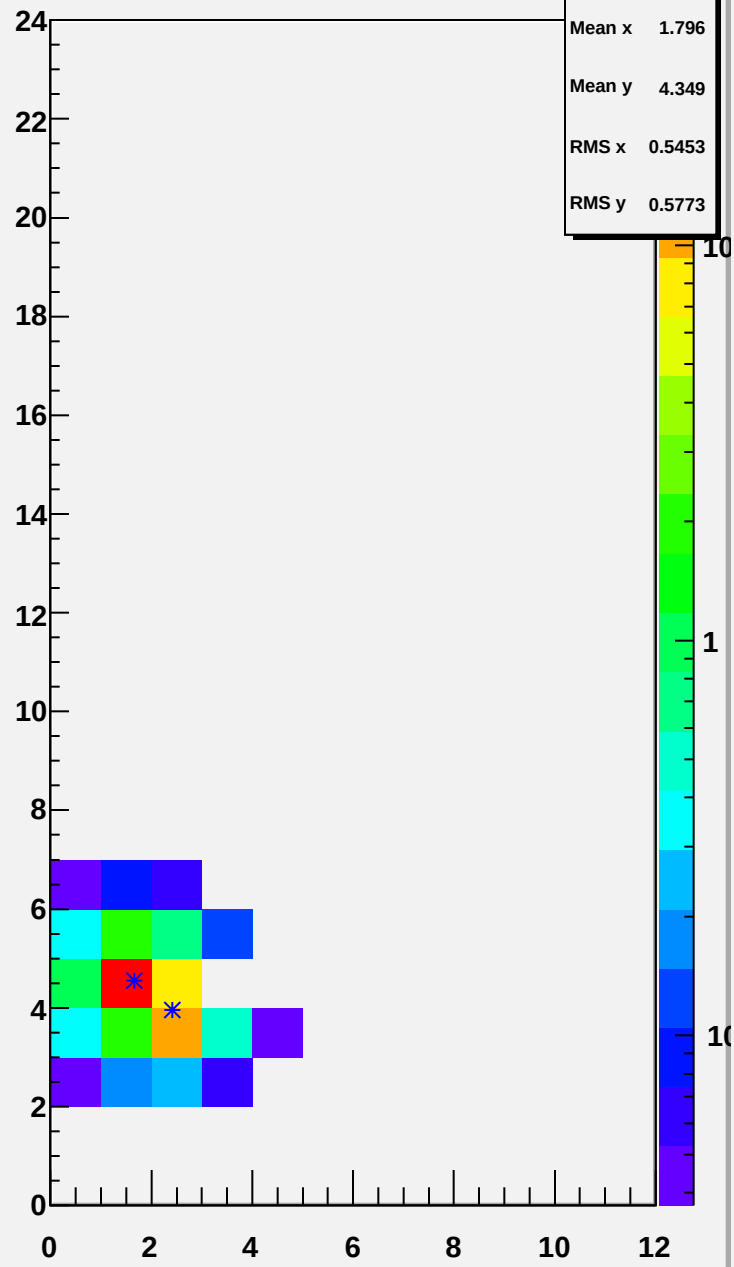
Efit

Entries	288
Mean x	3.276
Mean y	4.537
RMS x	0.6861
RMS y	1.1

NSTB3_r4_c3_En=61.4_m0=0.144_m1=0.144_index=463



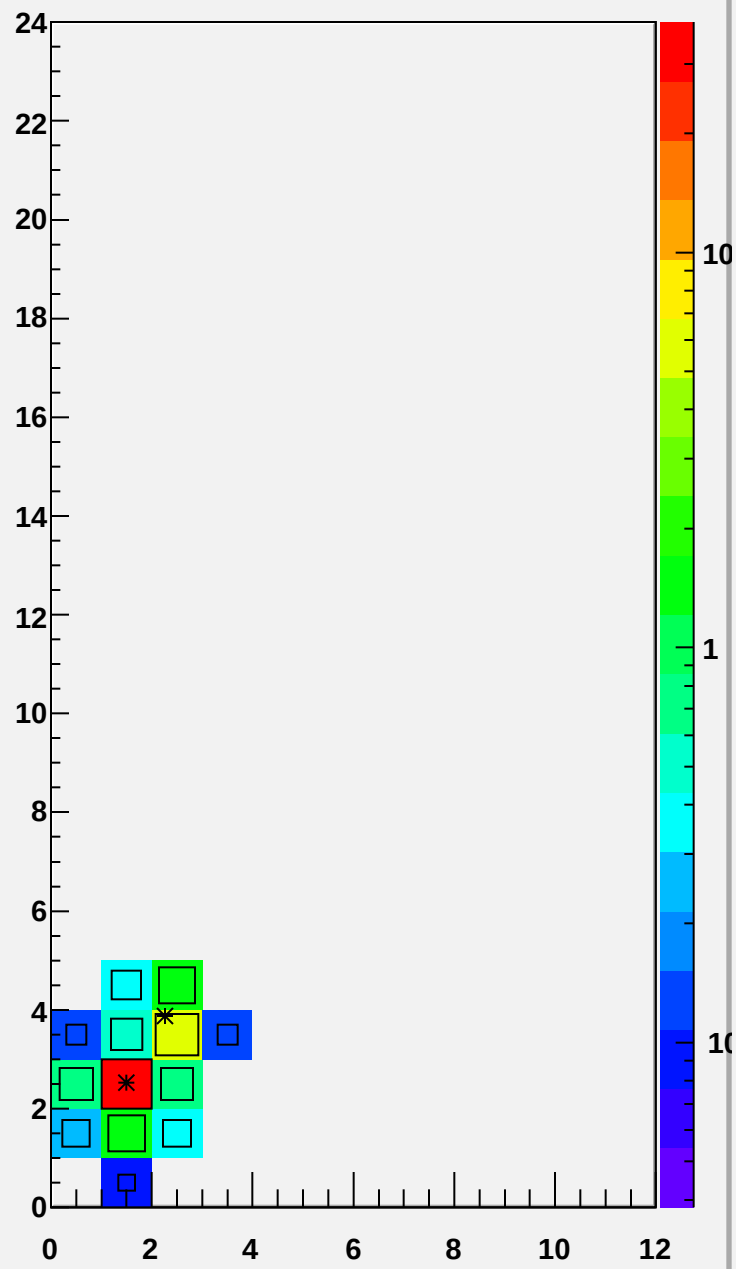
Fitted Energies



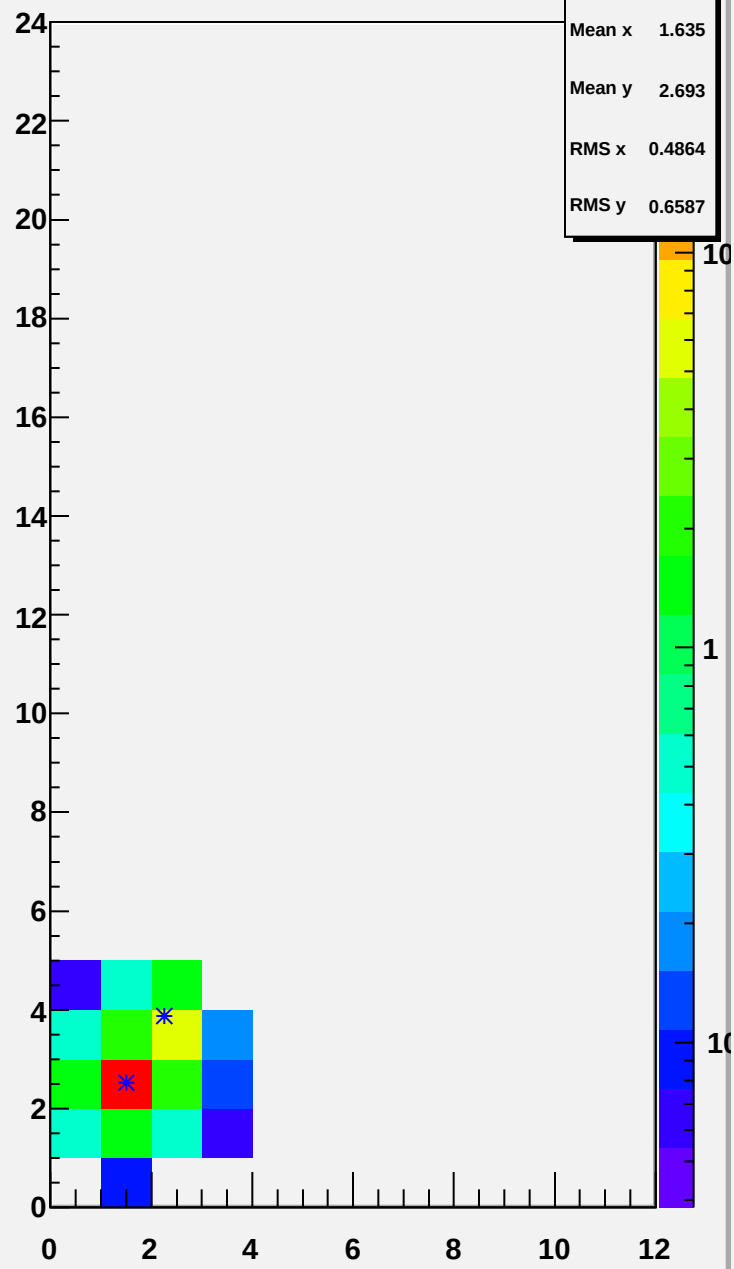
Efit

Entries	288
Mean x	1.796
Mean y	4.349
RMS x	0.5453
RMS y	0.5773

NSTB3_r4_c3_En=49.5_m0=0.165 m1=0.165 index=464



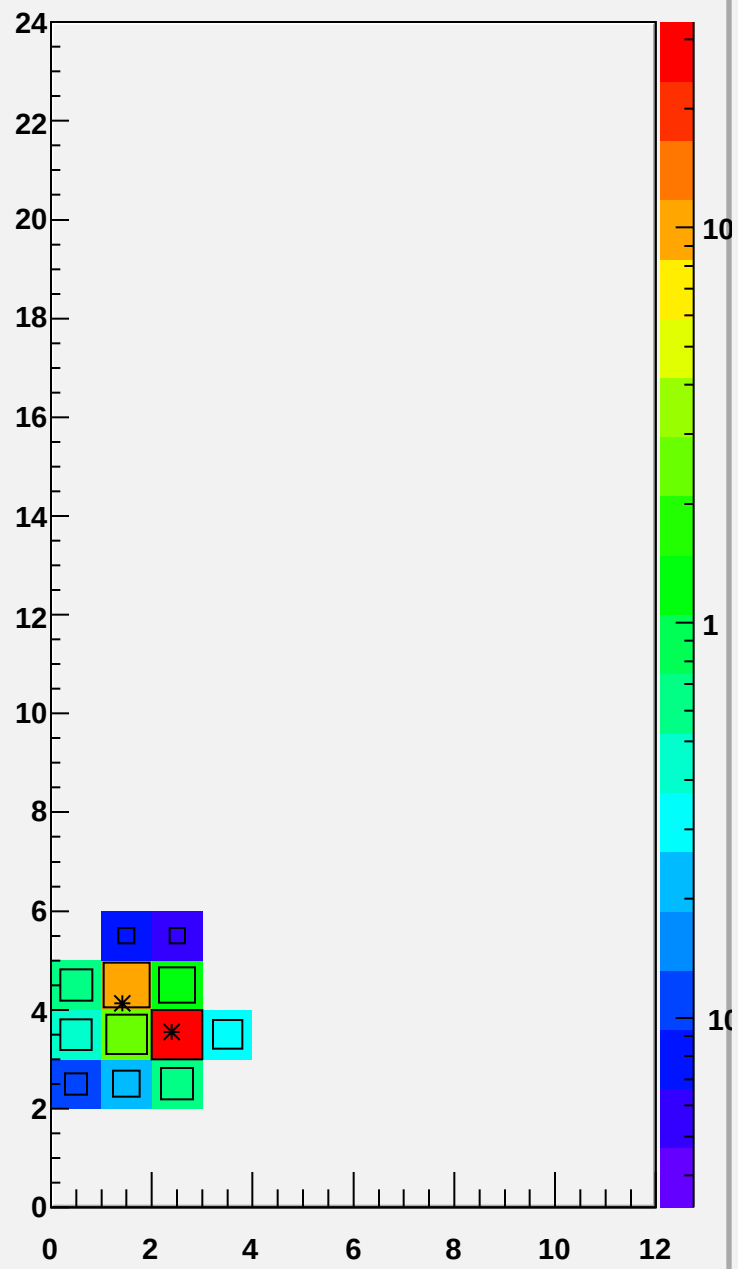
Fitted Energies



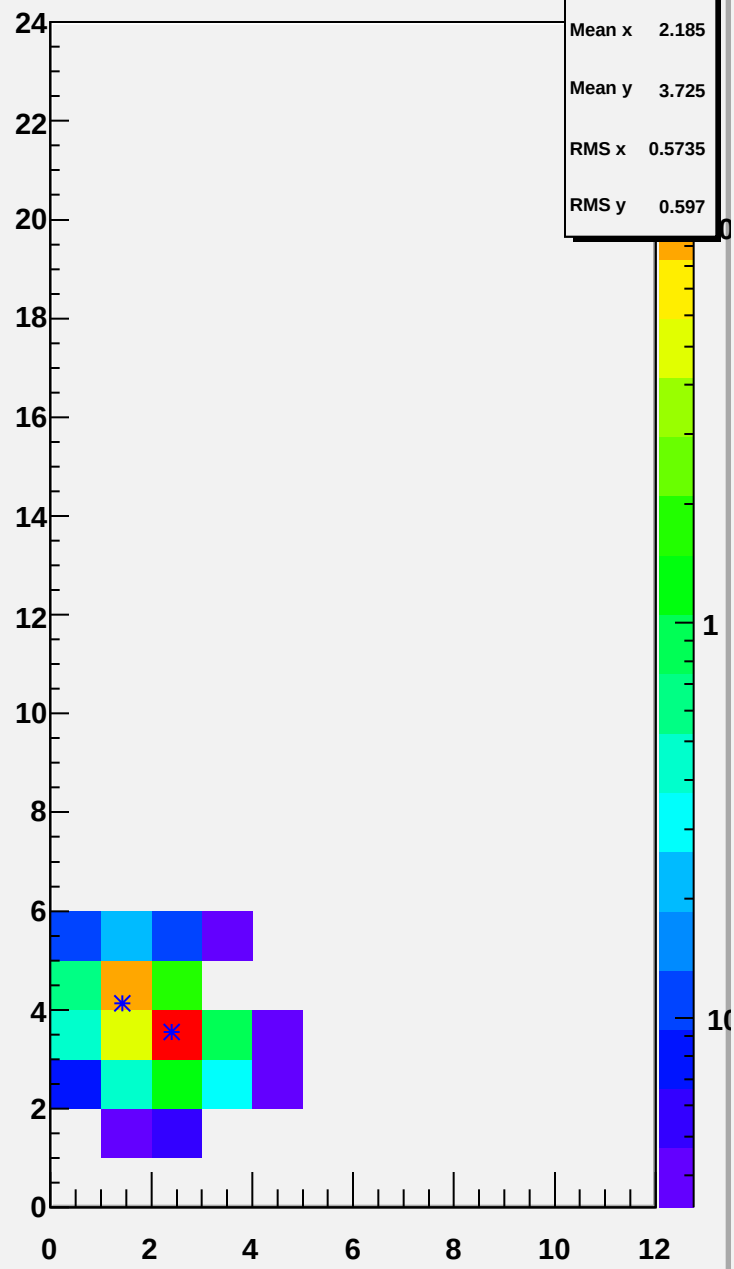
Efit

Entries	288
Mean x	1.635
Mean y	2.693
RMS x	0.4864
RMS y	0.6587

NSTB3_r4_c3_En=49.2_m0=0.147 m1=0.148 index=465



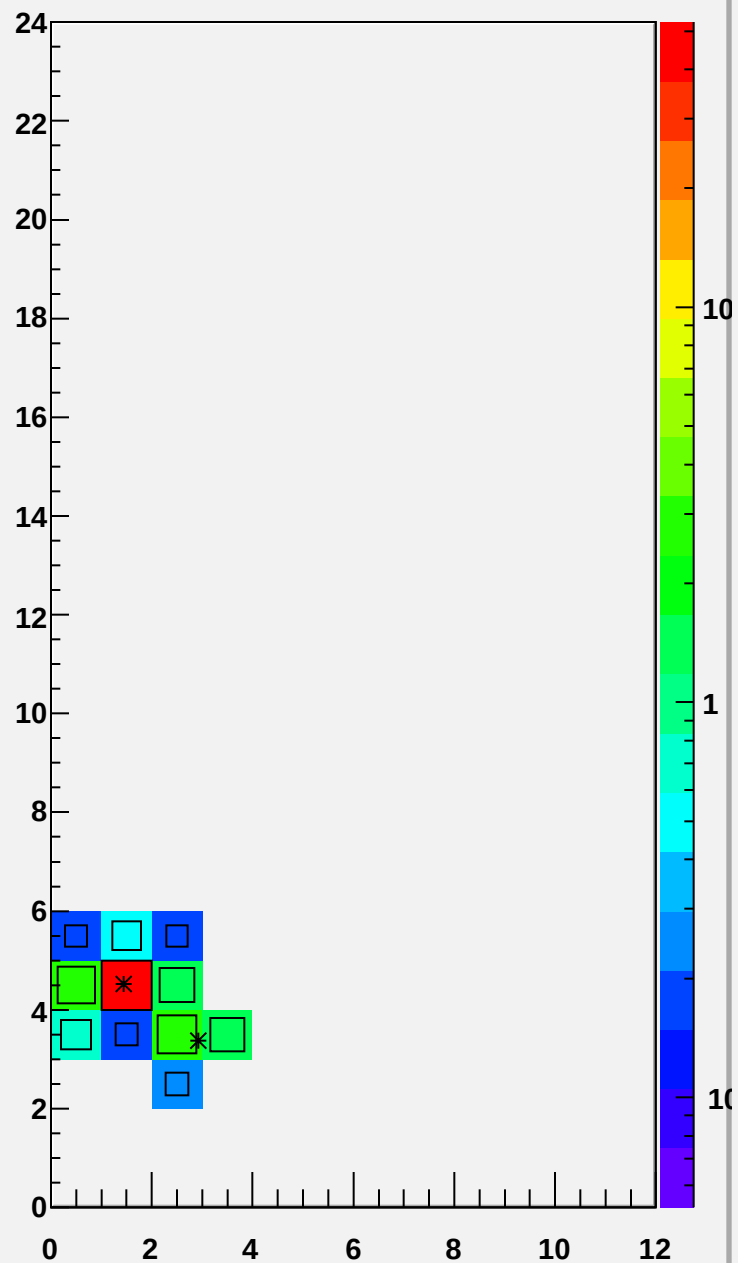
Fitted Energies



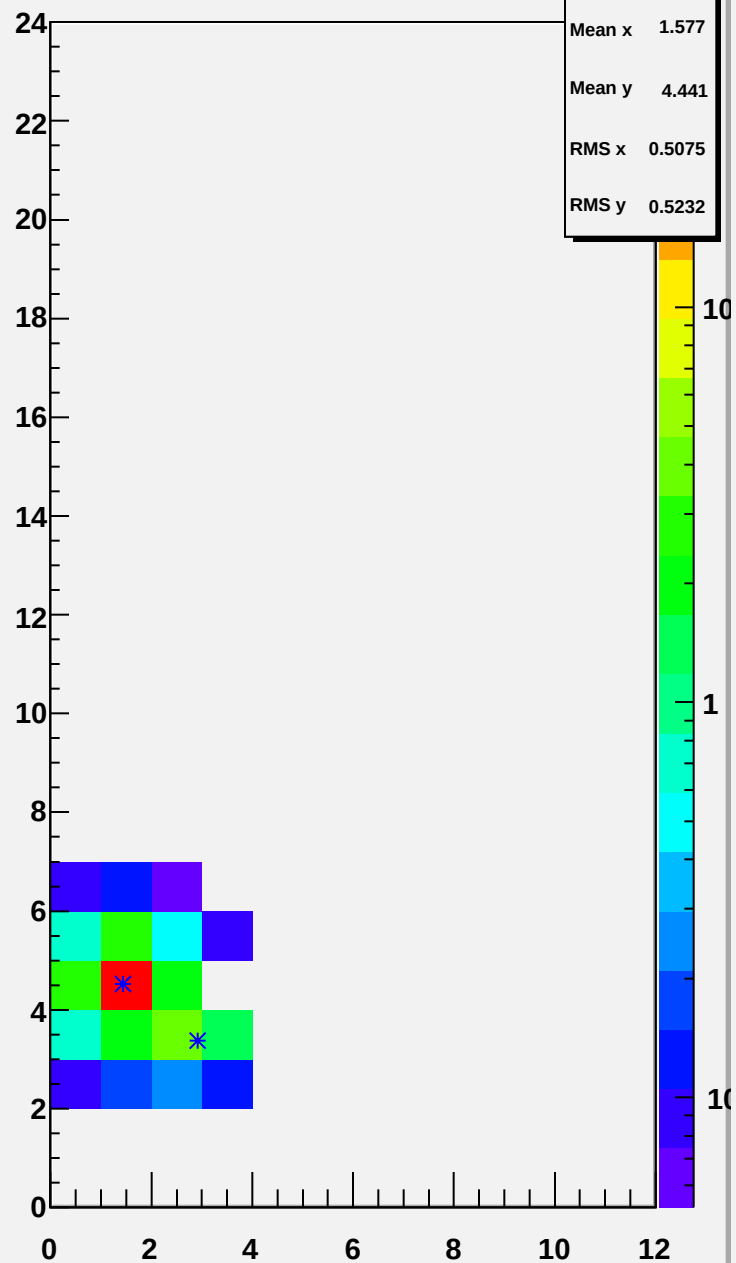
Efit

Entries	288
Mean x	2.185
Mean y	3.725
RMS x	0.5735
RMS y	0.597

NSTB3_r4_c3_En=63.0_m0=0.183 m1=0.182 index=466



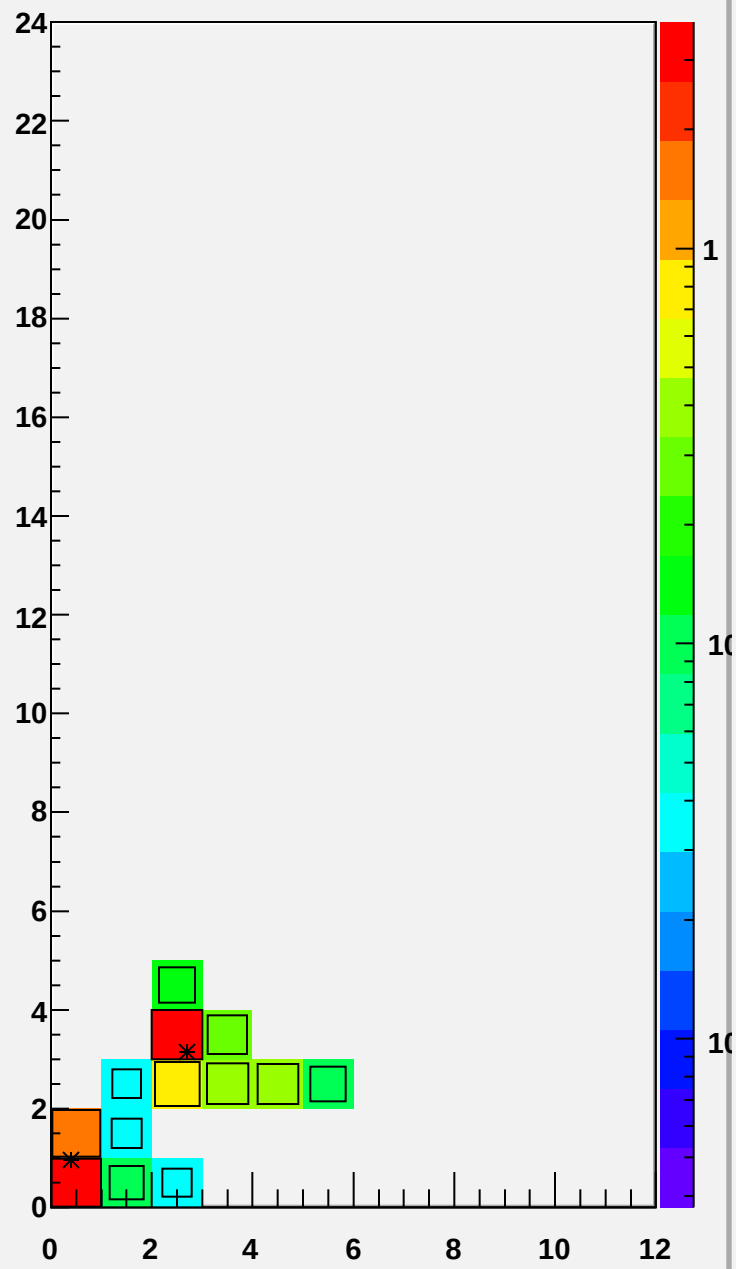
Fitted Energies



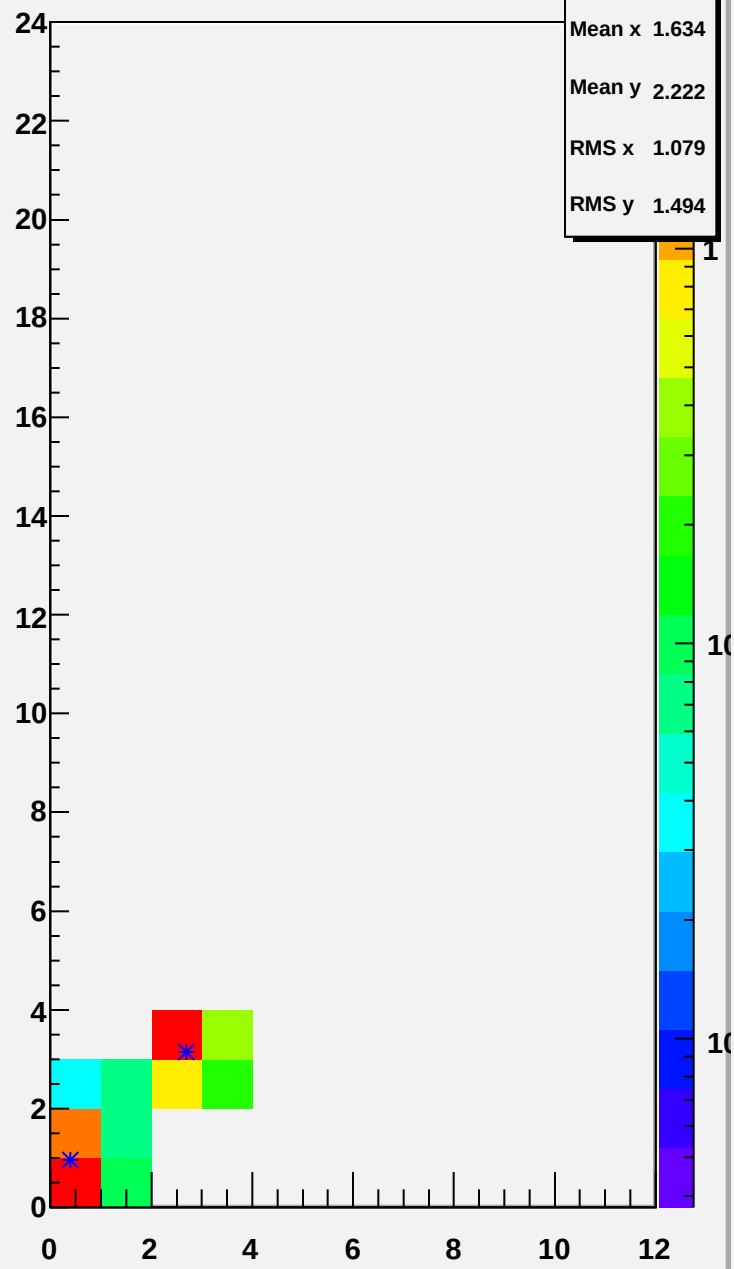
Efit

Entries	288
Mean x	1.577
Mean y	4.441
RMS x	0.5075
RMS y	0.5232

NSTB3_r4_c3_En=10.7_m0=0.094 m1=0.094 index=467



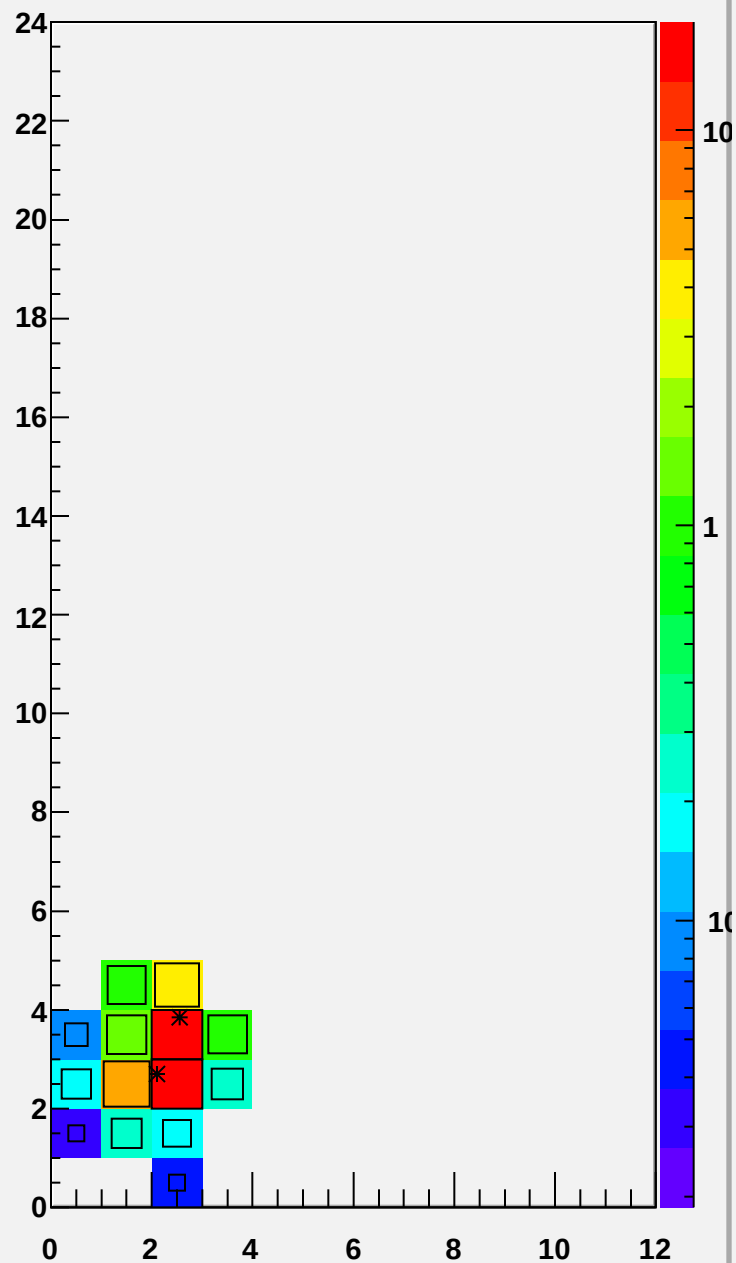
Fitted Energies



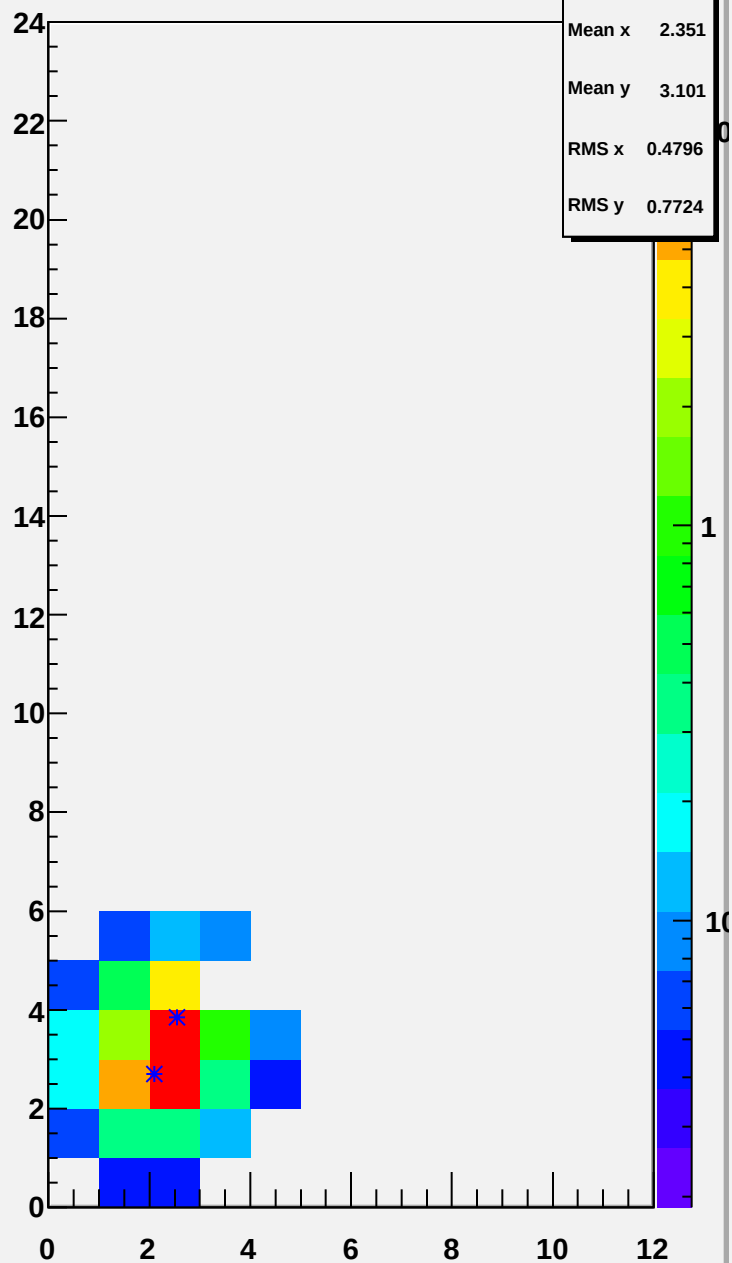
Efit

Entries 288
Mean x 1.634
Mean y 2.222
RMS x 1.079
RMS y 1.494

NSTB3_r4_c3_En=51.5_m0=0.177 m1=0.177 index=468



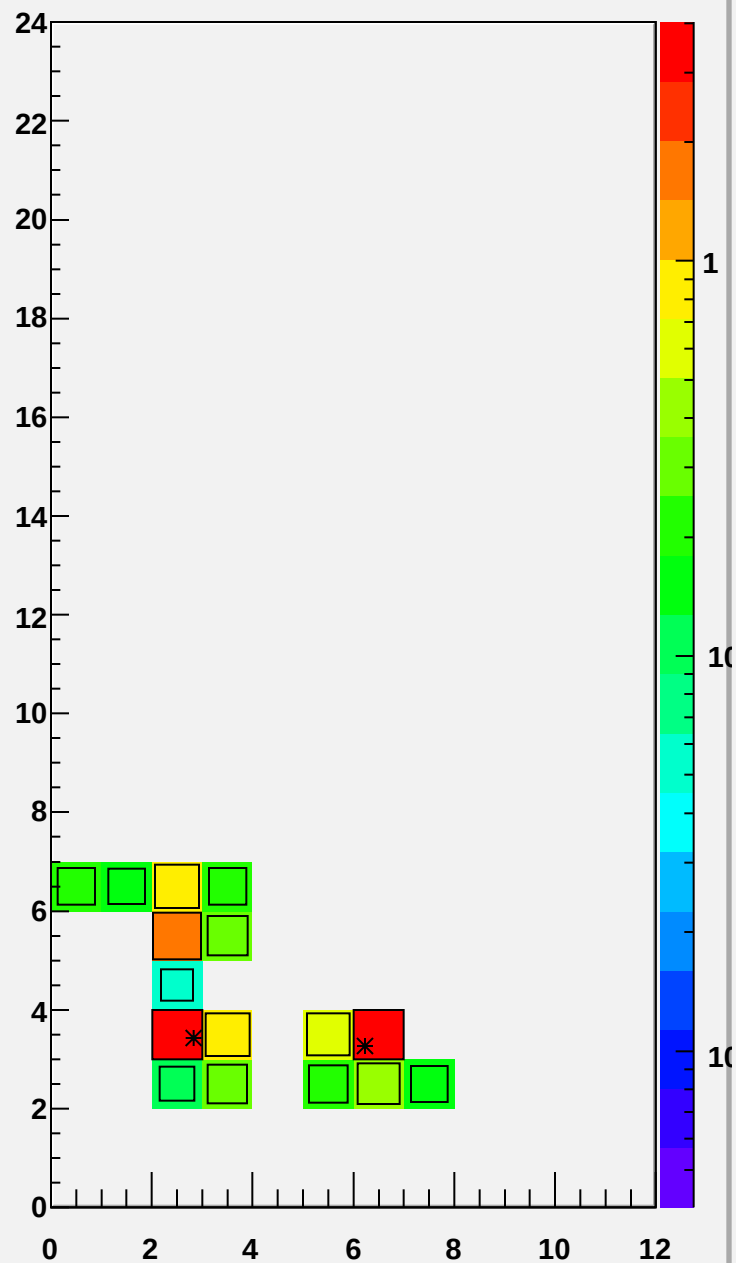
Fitted Energies



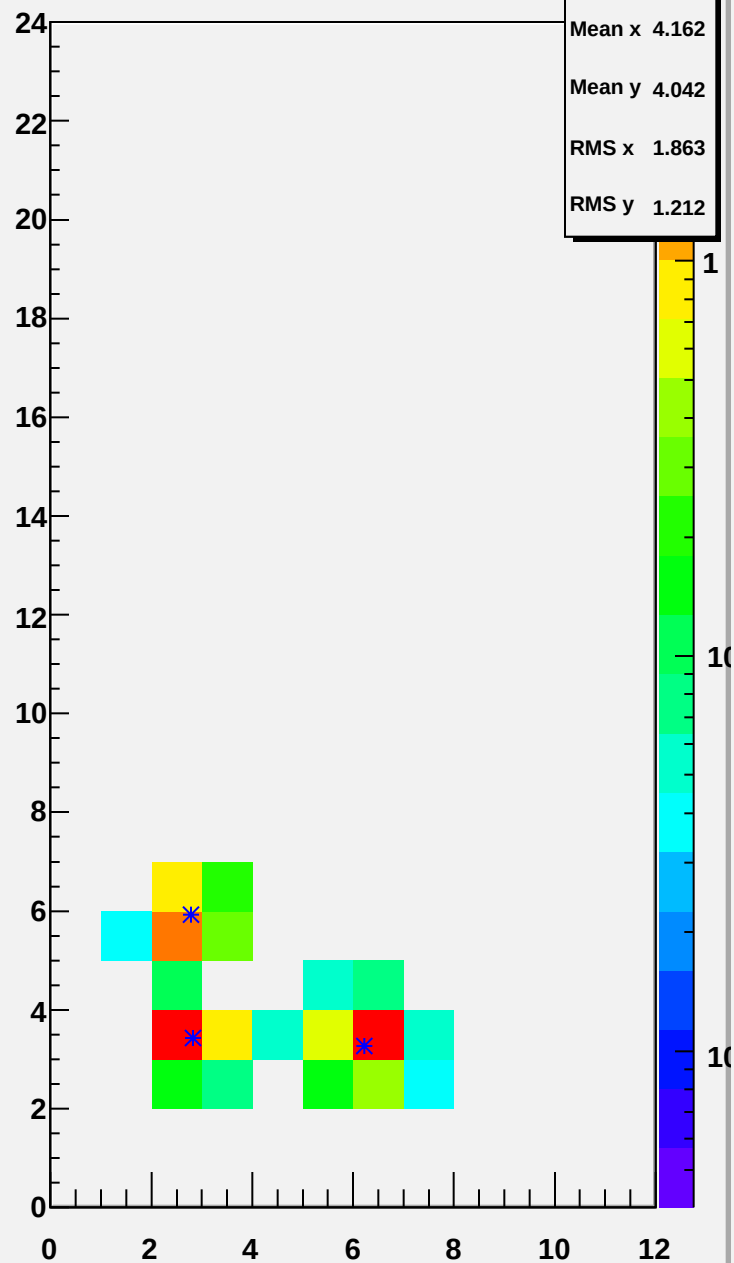
Efit

Entries	288
Mean x	2.351
Mean y	3.101
RMS x	0.4796
RMS y	0.7724

NSTB3_r4_c3_En=13.8_m0=0.098_m1=0.098_index=469



Fitted Energies



Efit

Entries 288

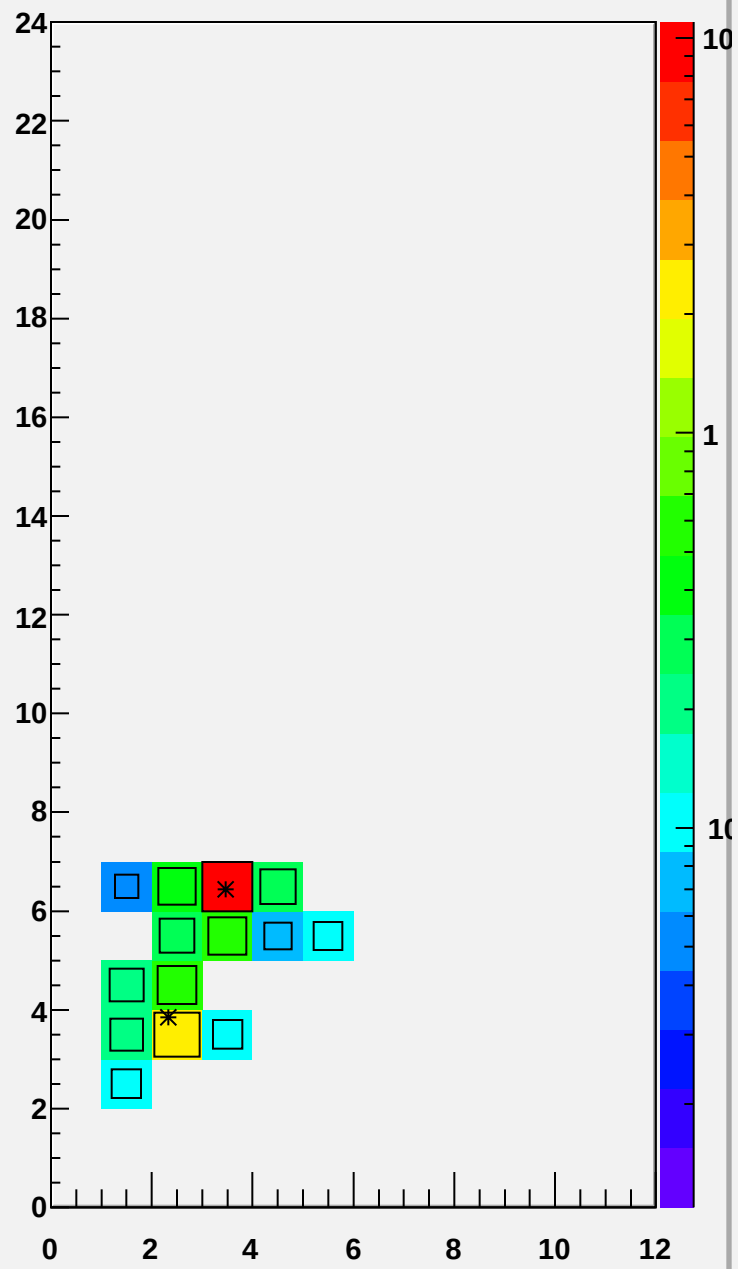
Mean x 4.162

Mean y 4.042

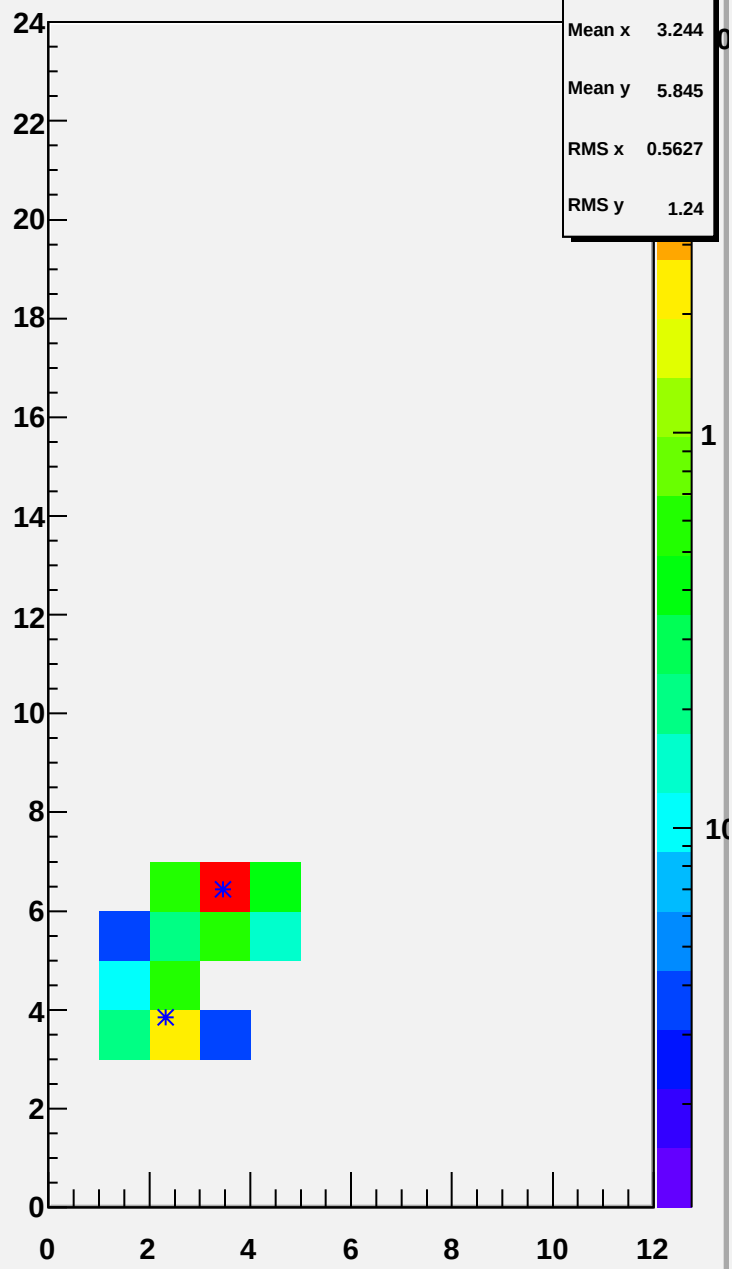
RMS x 1.863

RMS y 1.212

NSTB3_r4_c3_En=16.8_m0=0.113 m1=0.113 index=470



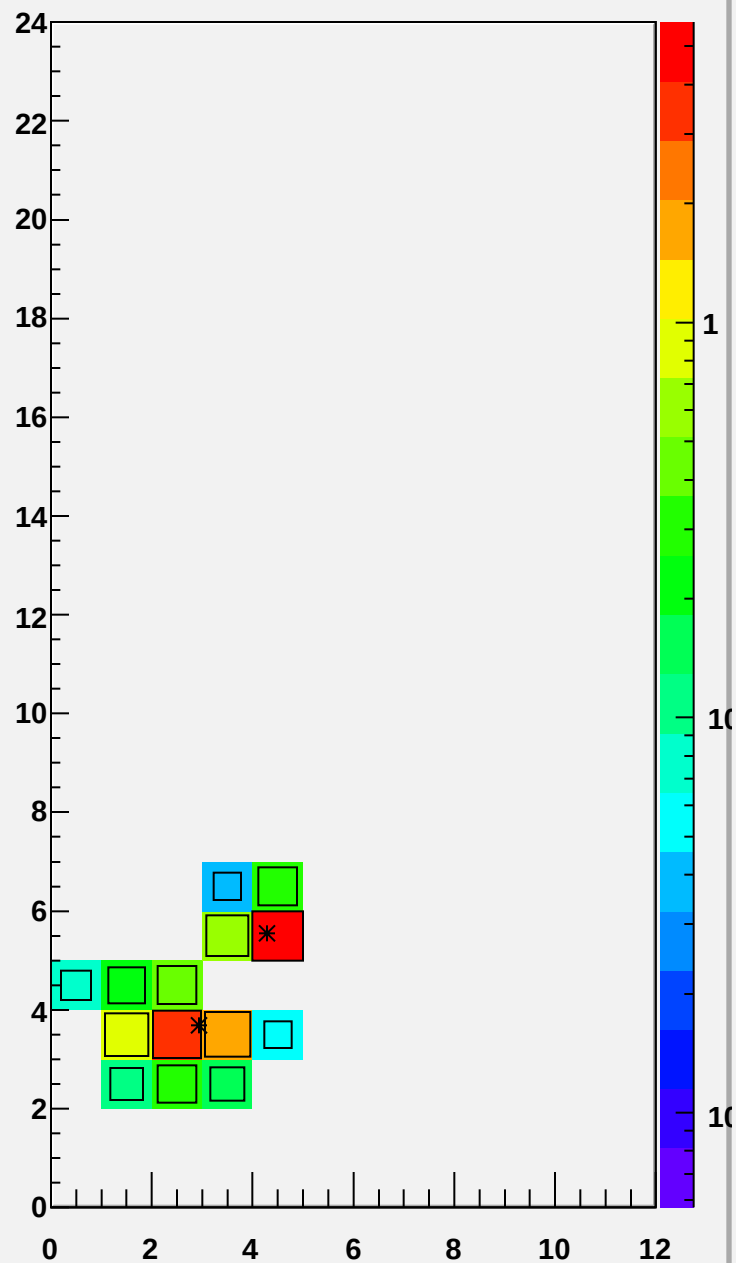
Fitted Energies



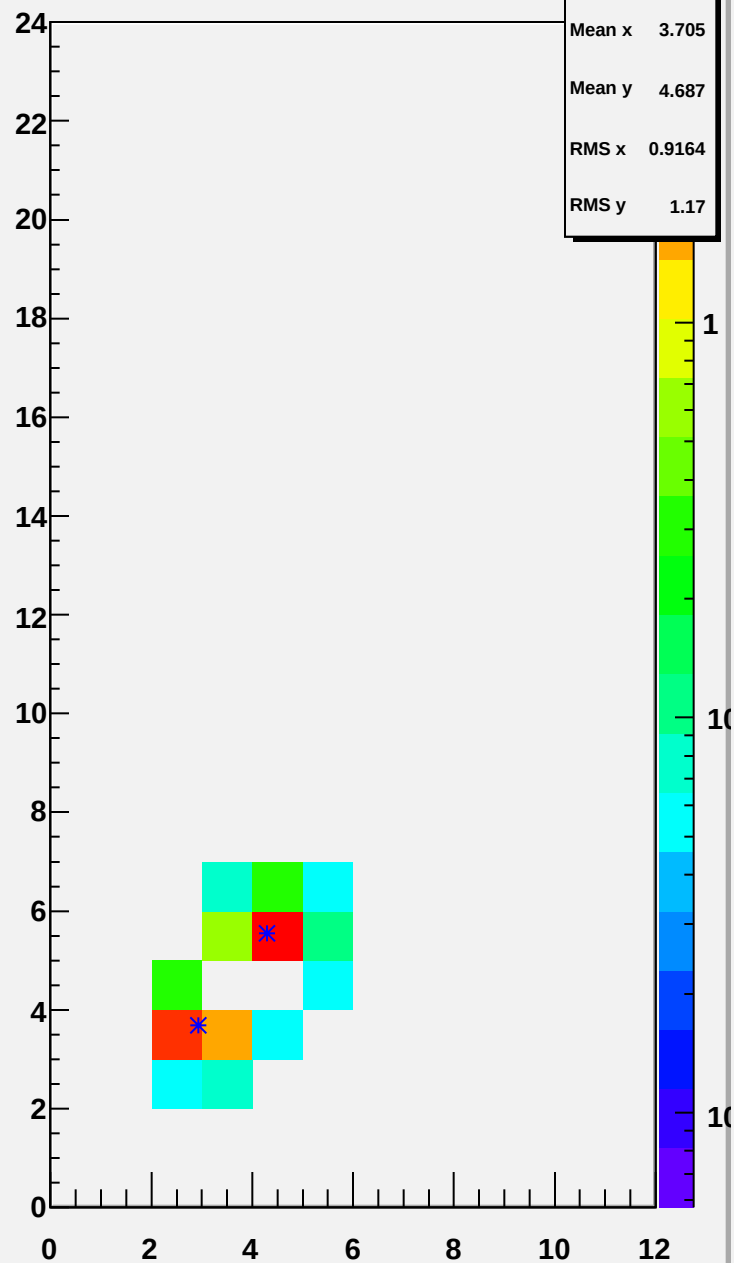
Efit

Entries	288
Mean x	3.244
Mean y	5.845
RMS x	0.5627
RMS y	1.24

NSTB3_r4_c3_En=14.1_m0=0.084_m1=0.084_index=472



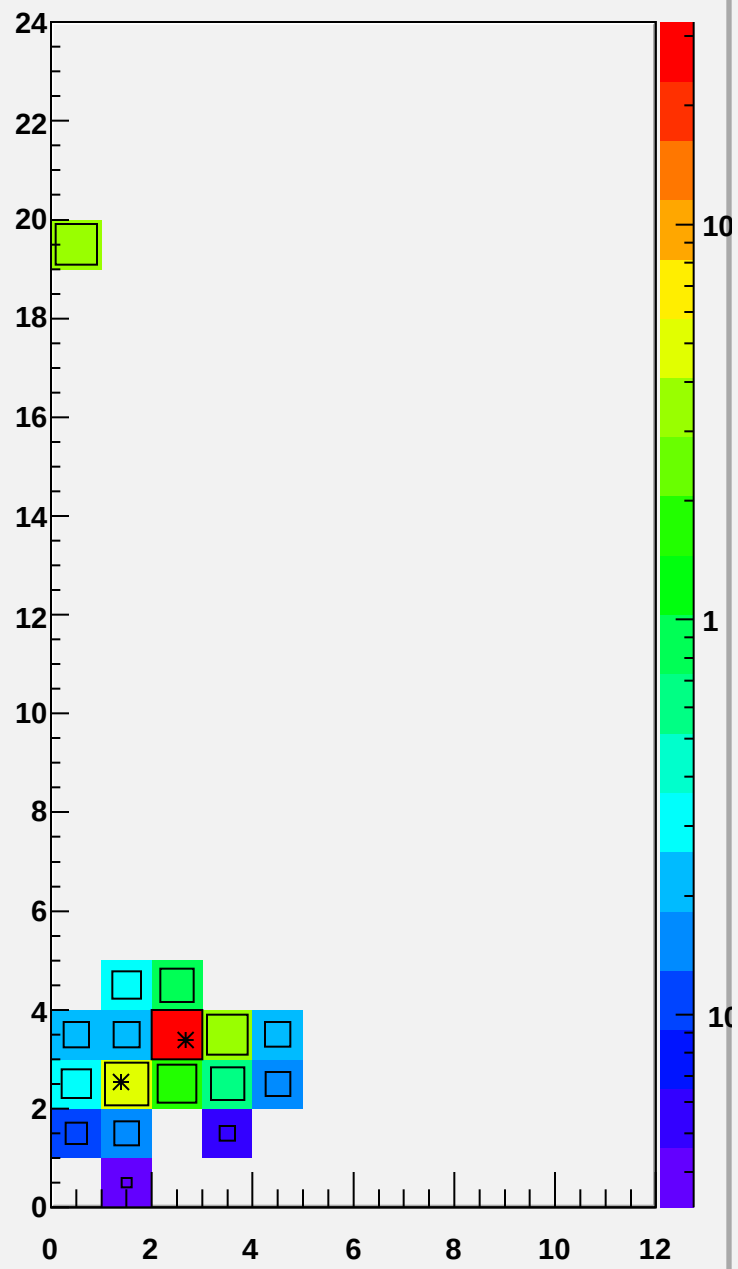
Fitted Energies



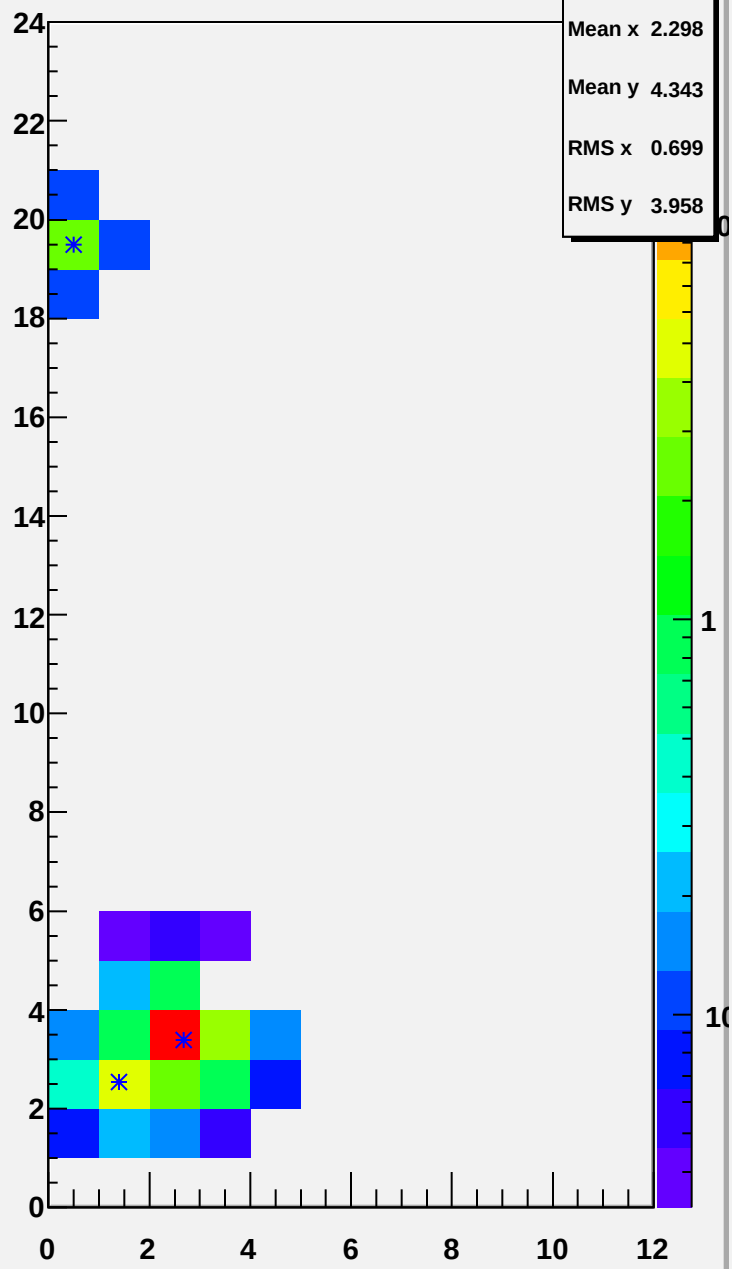
Efit

Entries	288
Mean x	3.705
Mean y	4.687
RMS x	0.9164
RMS y	1.17

NSTB3_r4_c3_En=49.1_m0=0.137_m1=0.137_index=473



Fitted Energies



Efit

Entries 288

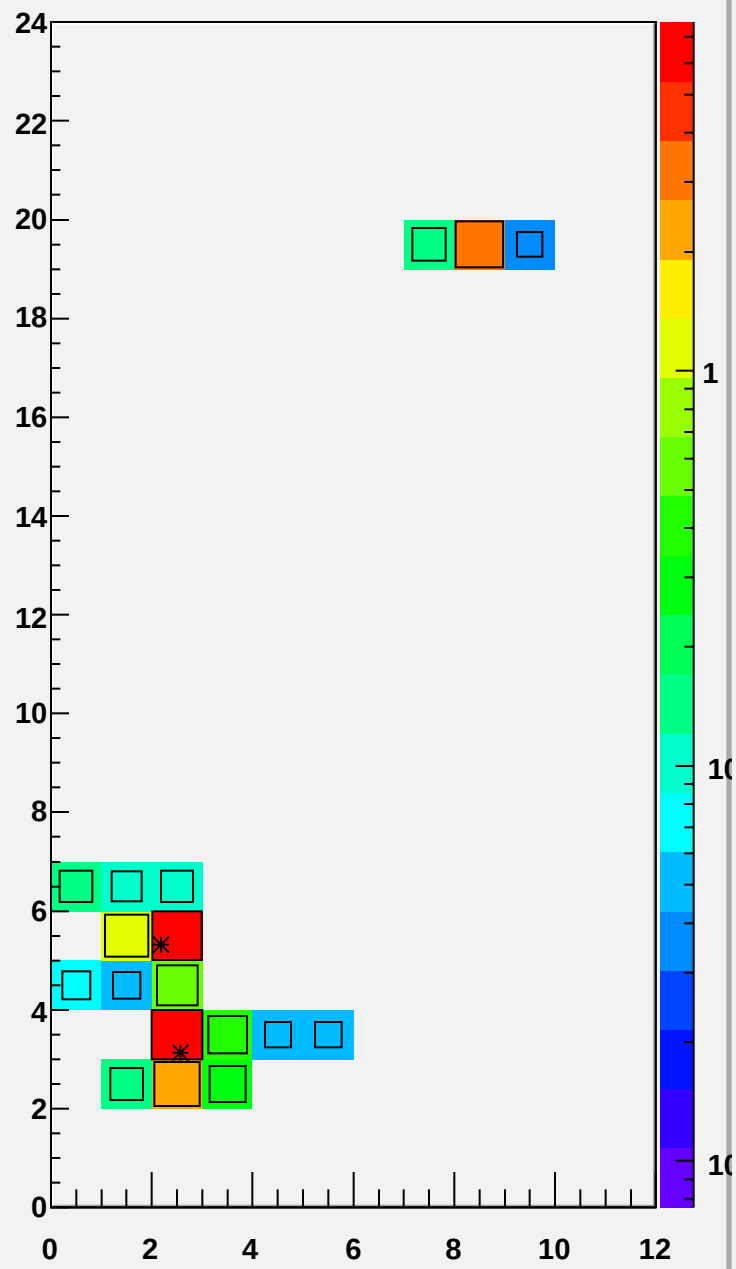
Mean x 2.298

Mean y 4.343

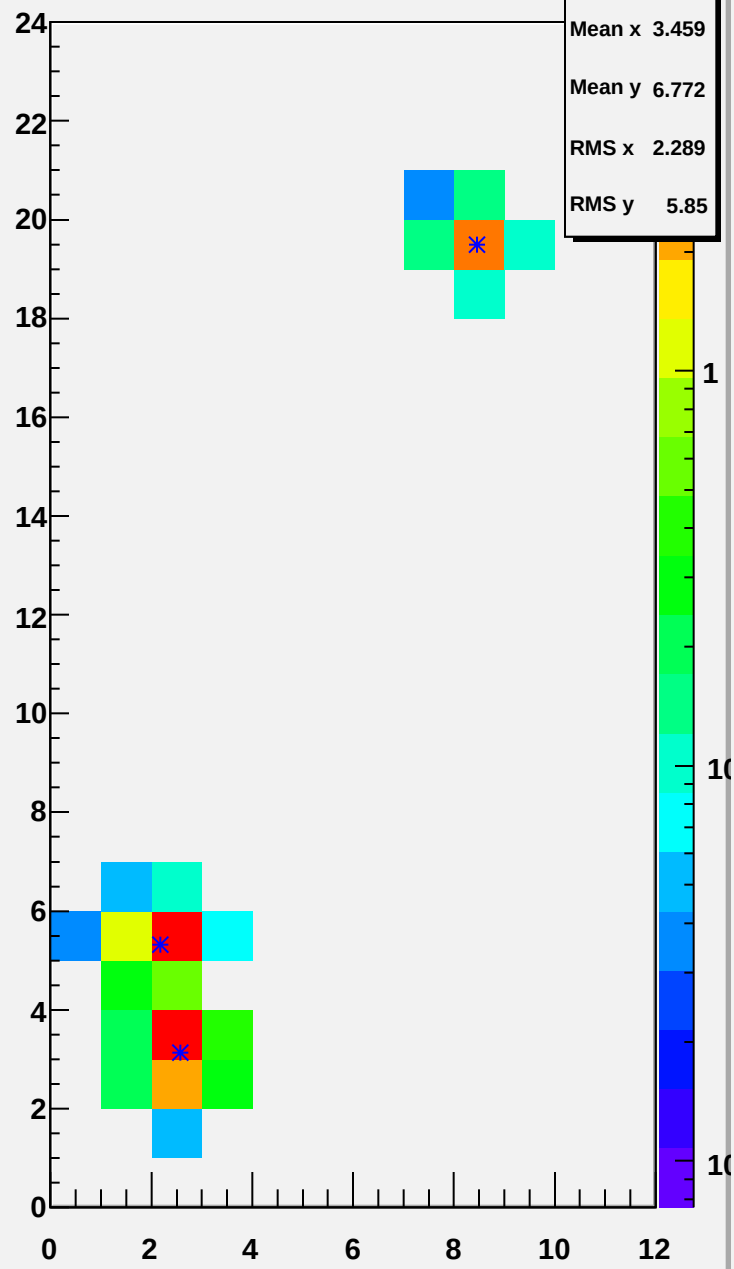
RMS x 0.699

RMS y 3.958

NSTB3_r4_c3_En=22.2_m0=0.116_m1=0.116_index=474



Fitted Energies



Efit

Entries 288

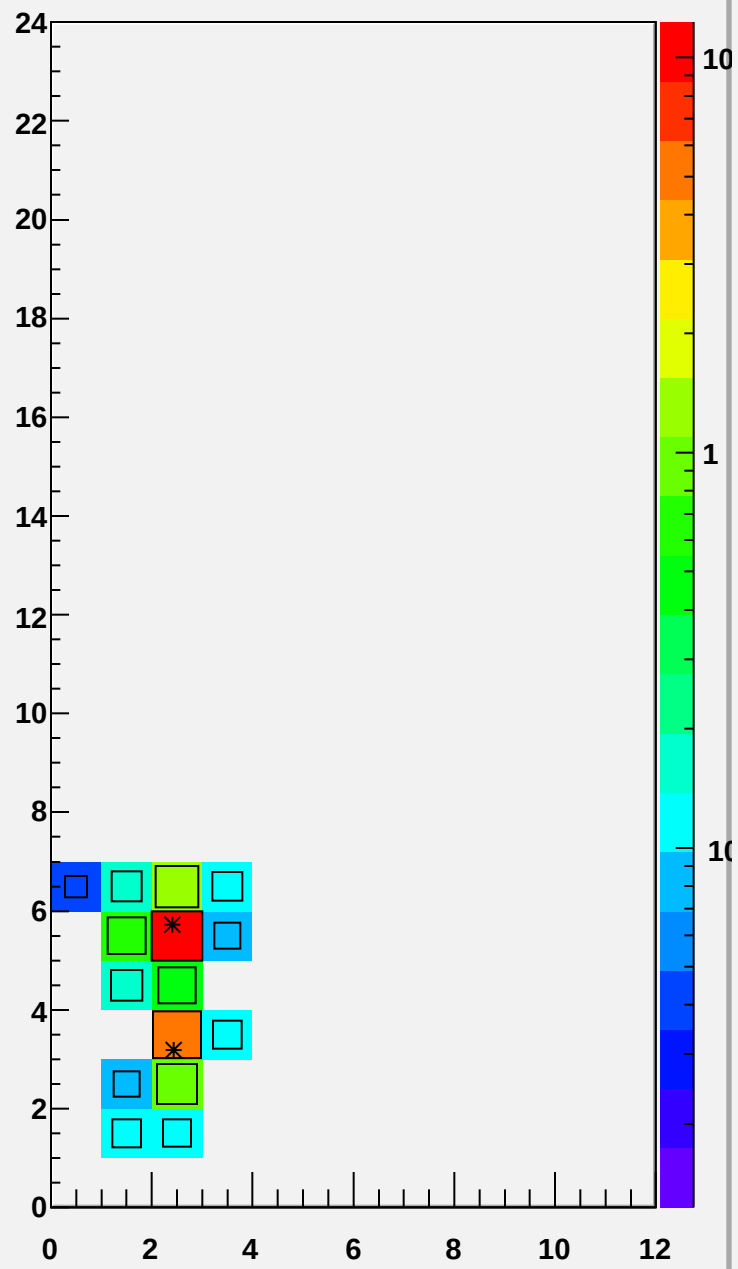
Mean x 3.459

Mean y 6.772

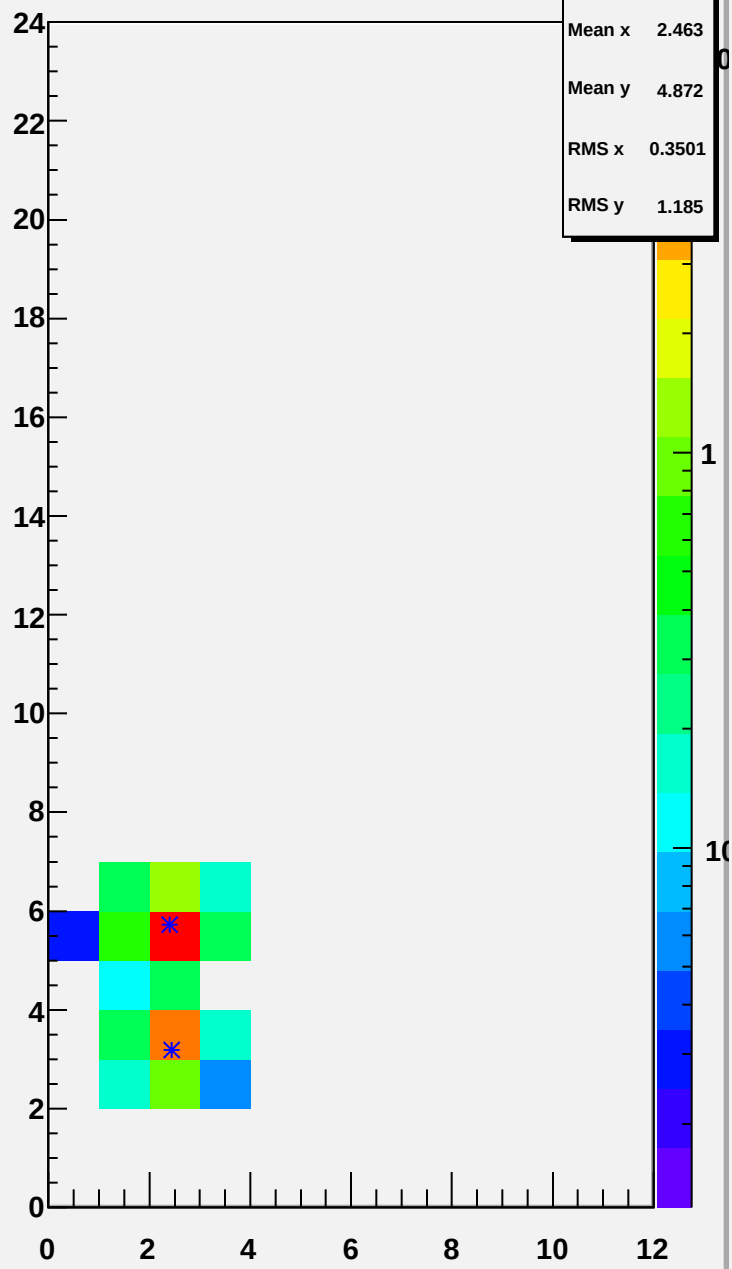
RMS x 2.289

RMS y 5.85

NSTB3_r4_c3_En=22.8_m0=0.157 m1=0.157 index=475



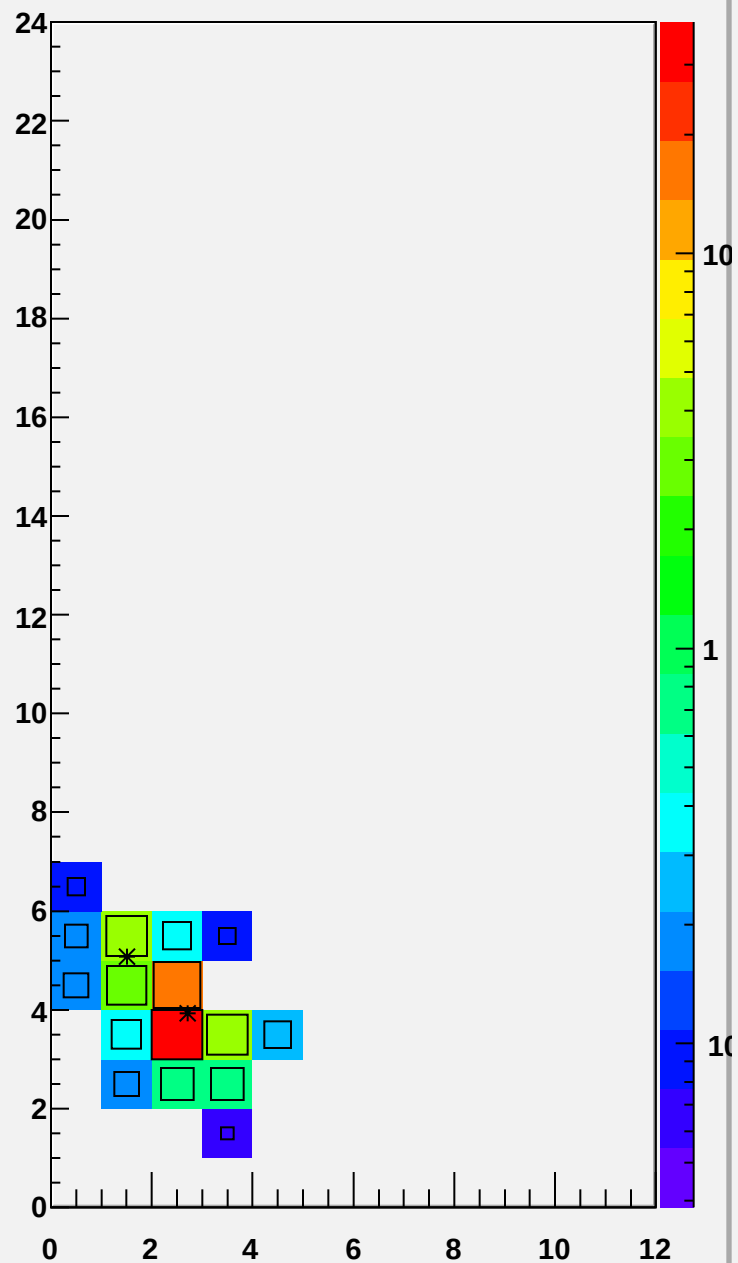
Fitted Energies



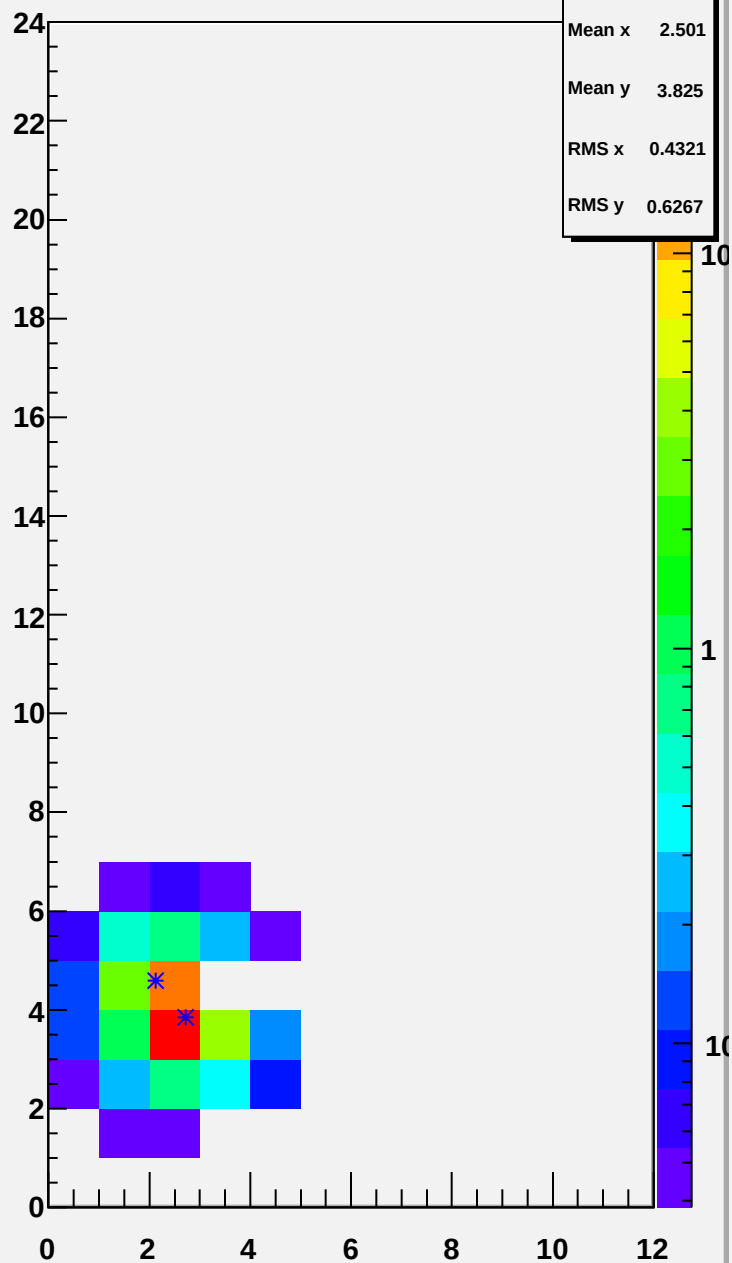
Efit

Entries	288
Mean x	2.463
Mean y	4.872
RMS x	0.3501
RMS y	1.185

NSTB3_r4_c3_En=67.8_m0=0.152_m1=0.133_index=476



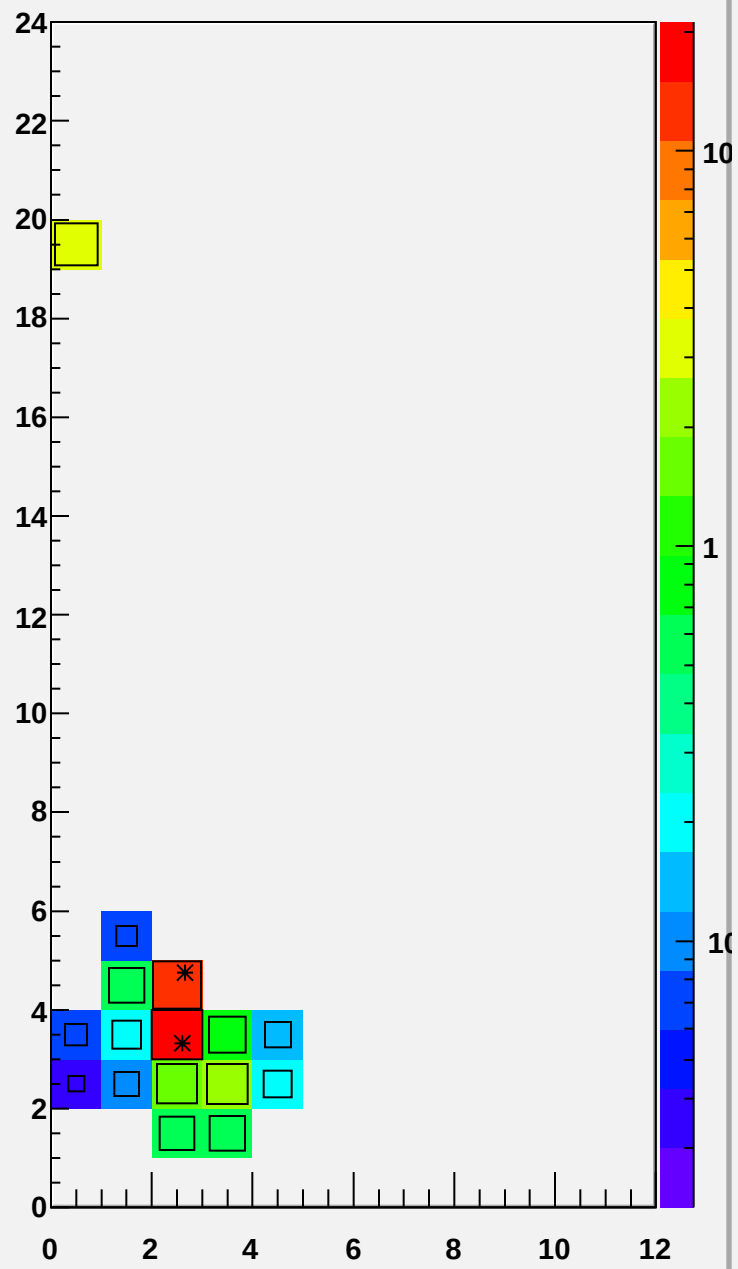
Fitted Energies



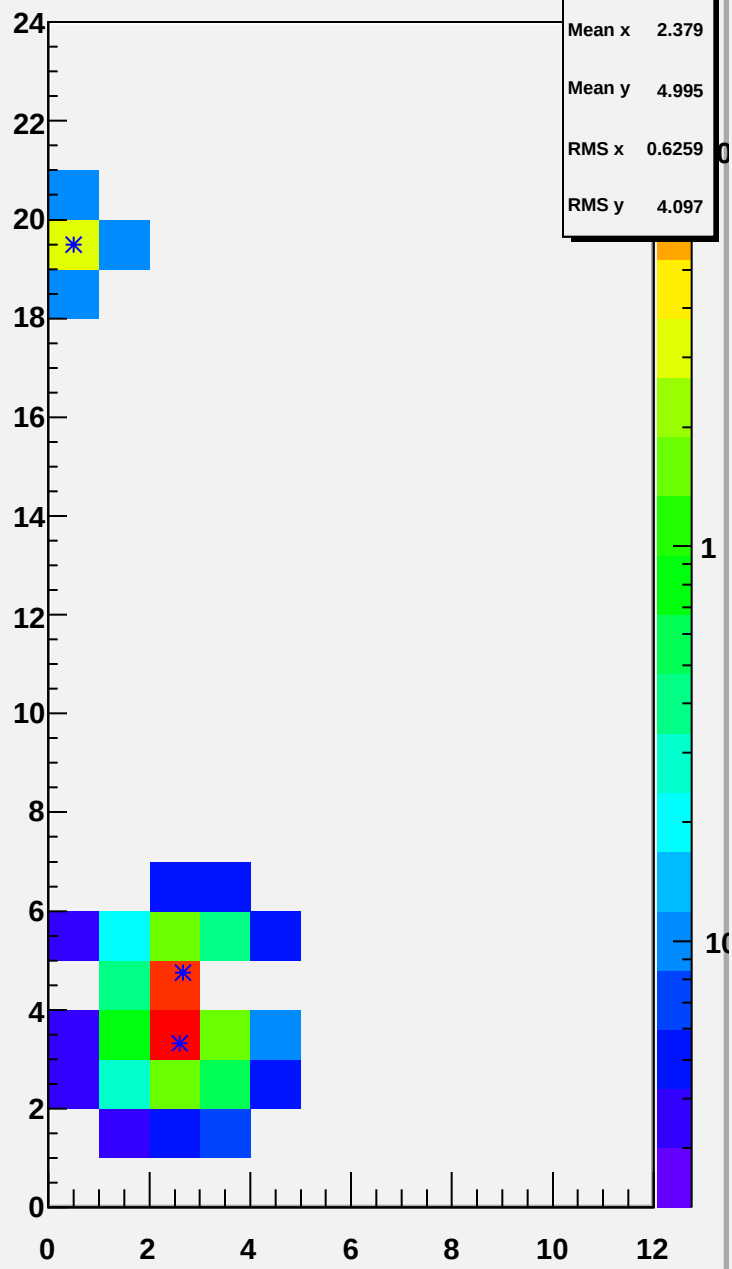
Efit

Entries	288
Mean x	2.501
Mean y	3.825
RMS x	0.4321
RMS y	0.6267

NSTB3_r4_c3_En=44.4_m0=0.162 m1=0.162 index=477



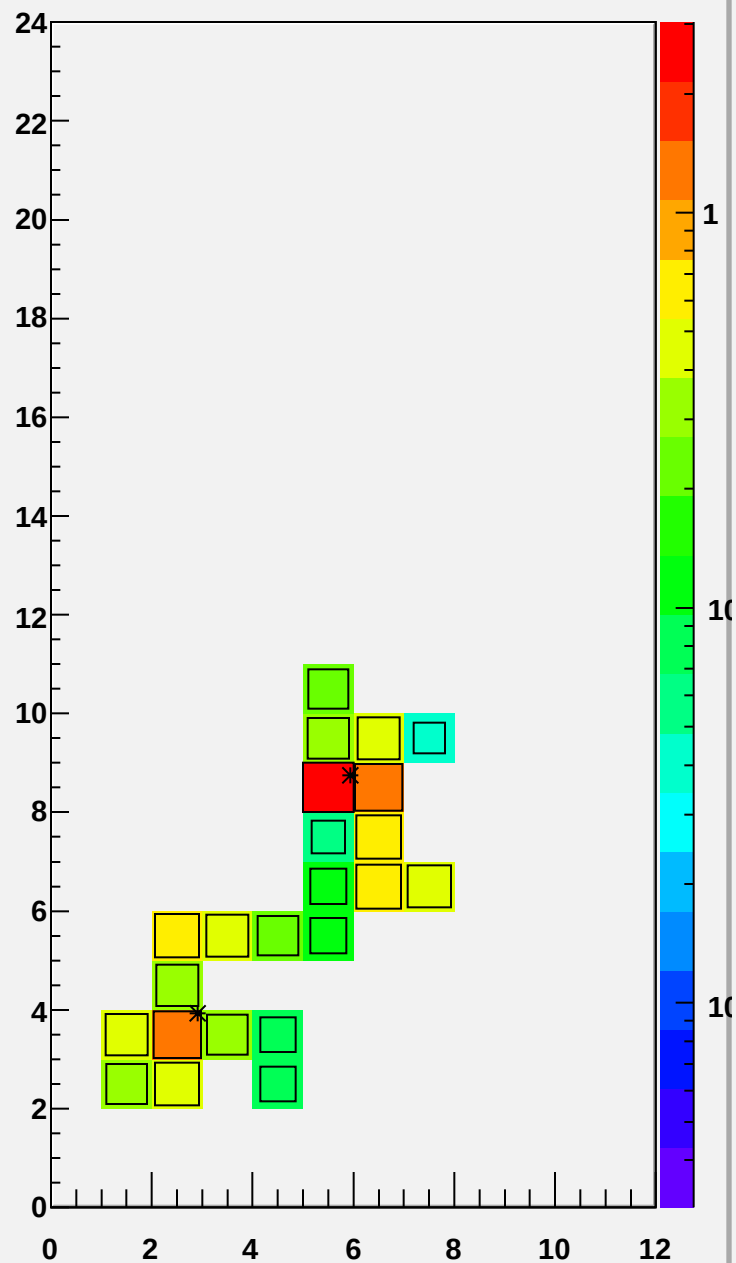
Fitted Energies



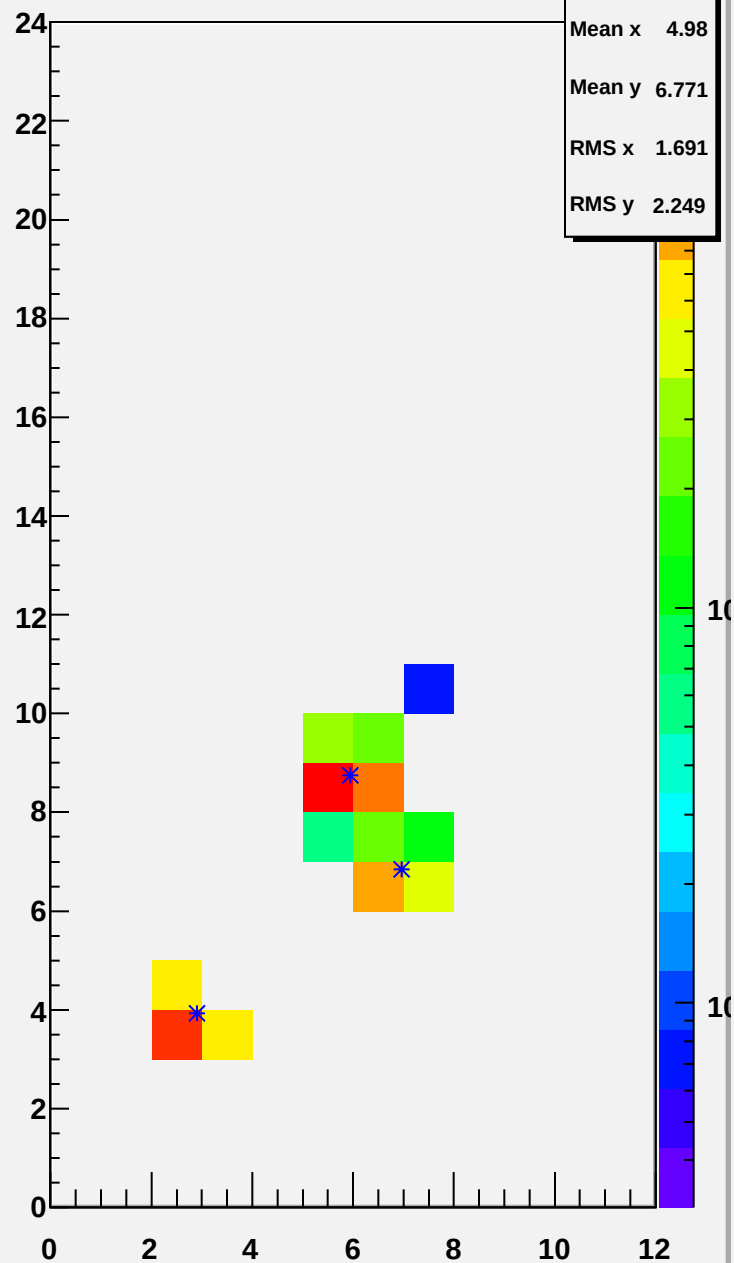
Efit

Entries	288
Mean x	2.379
Mean y	4.995
RMS x	0.6259
RMS y	4.097

NSTB3_r4_c3_En=12.2_m0=0.143 m1=0.143 index=478

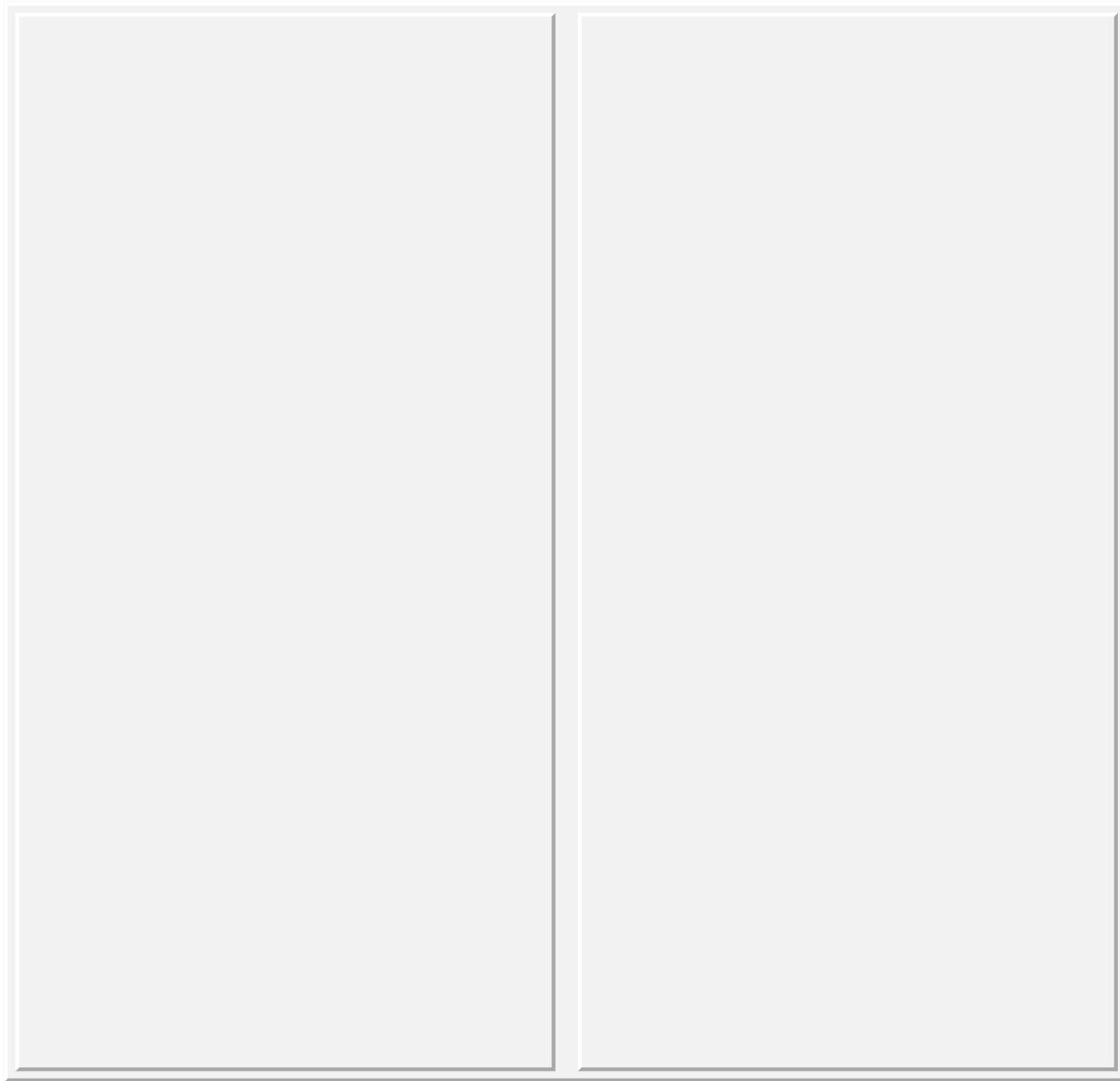


Fitted Energies

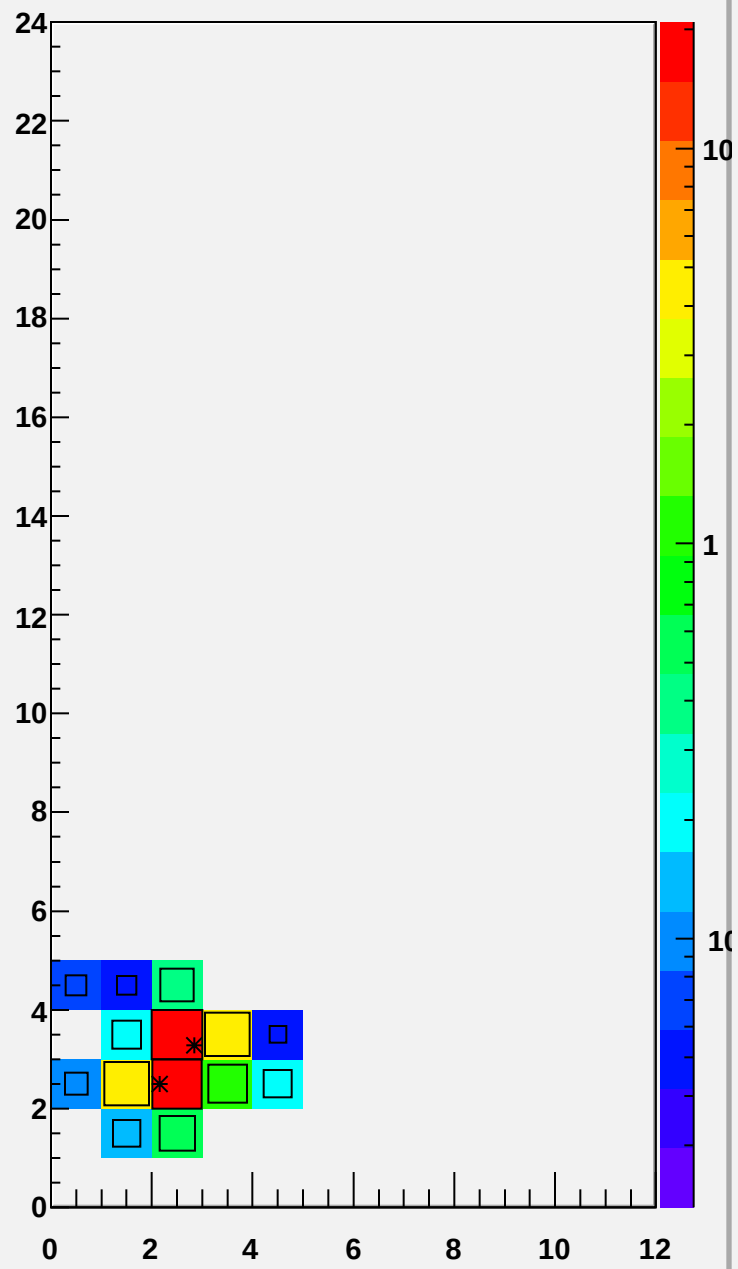


Efit

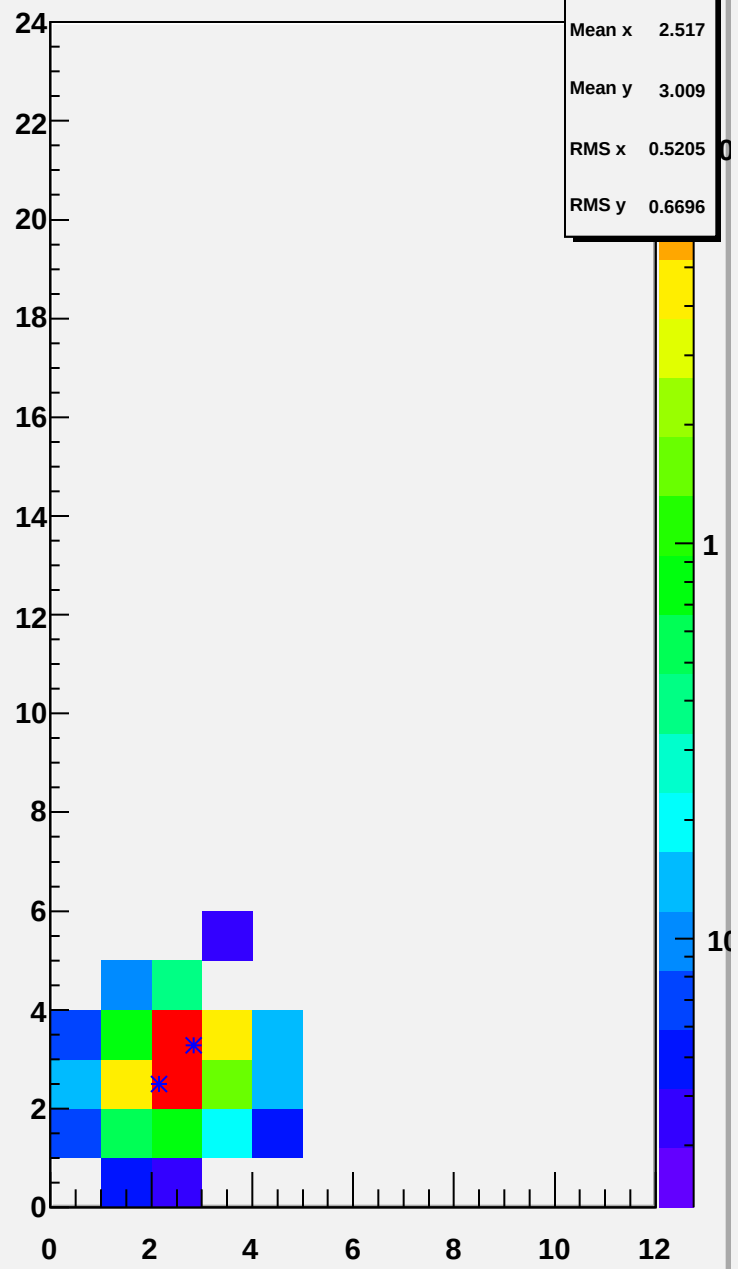
Entries 288
Mean x 4.98
Mean y 6.771
RMS x 1.691
RMS y 2.249



NSTB3_r4_c3_En=50.5_m0=0.143 m1=0.143 index=480



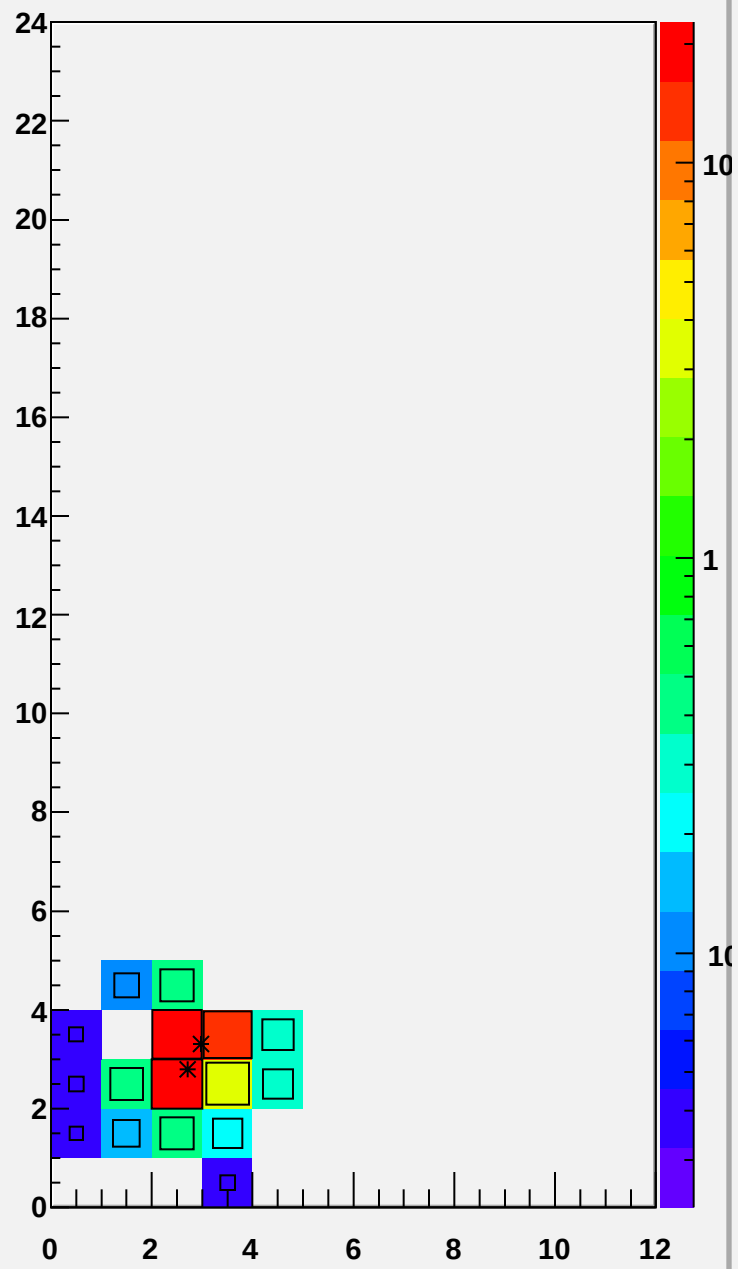
Fitted Energies



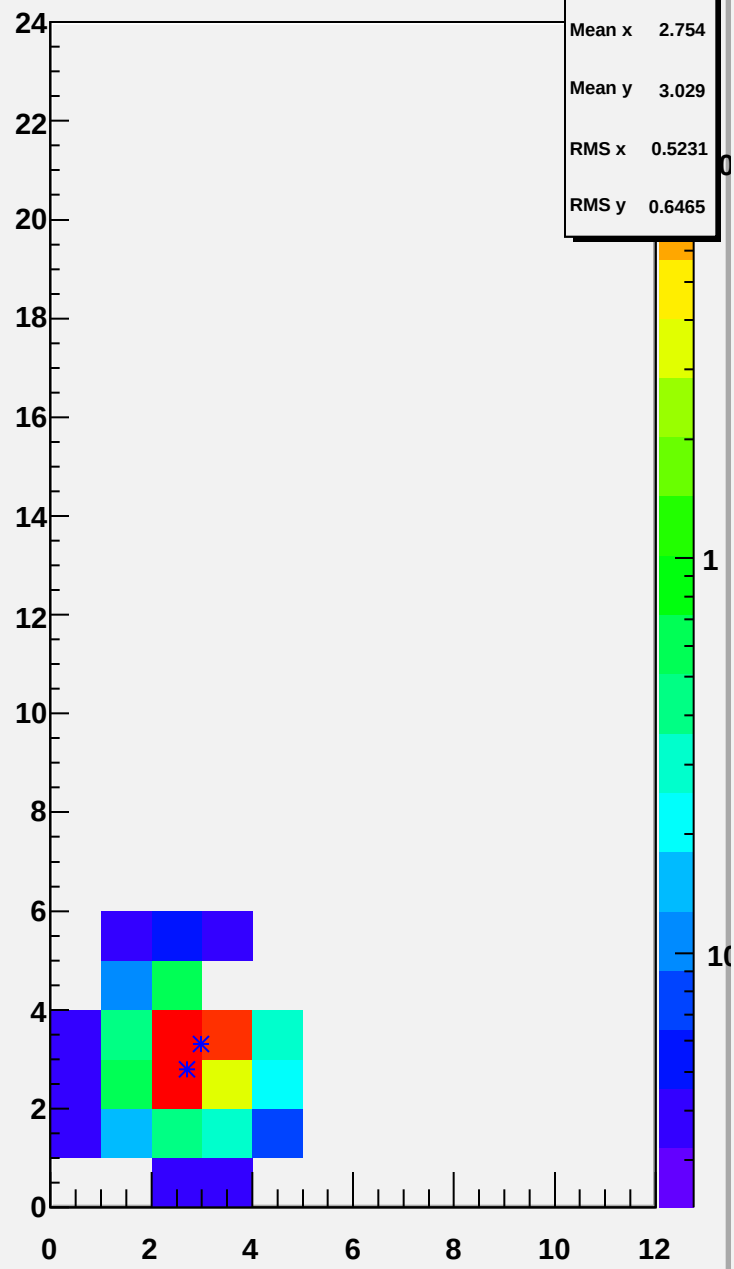
Efit

Entries	288
Mean x	2.517
Mean y	3.009
RMS x	0.5205
RMS y	0.6696

NSTB3_r4_c3_En=58.1_m0=0.096_m1=0.095_index=481



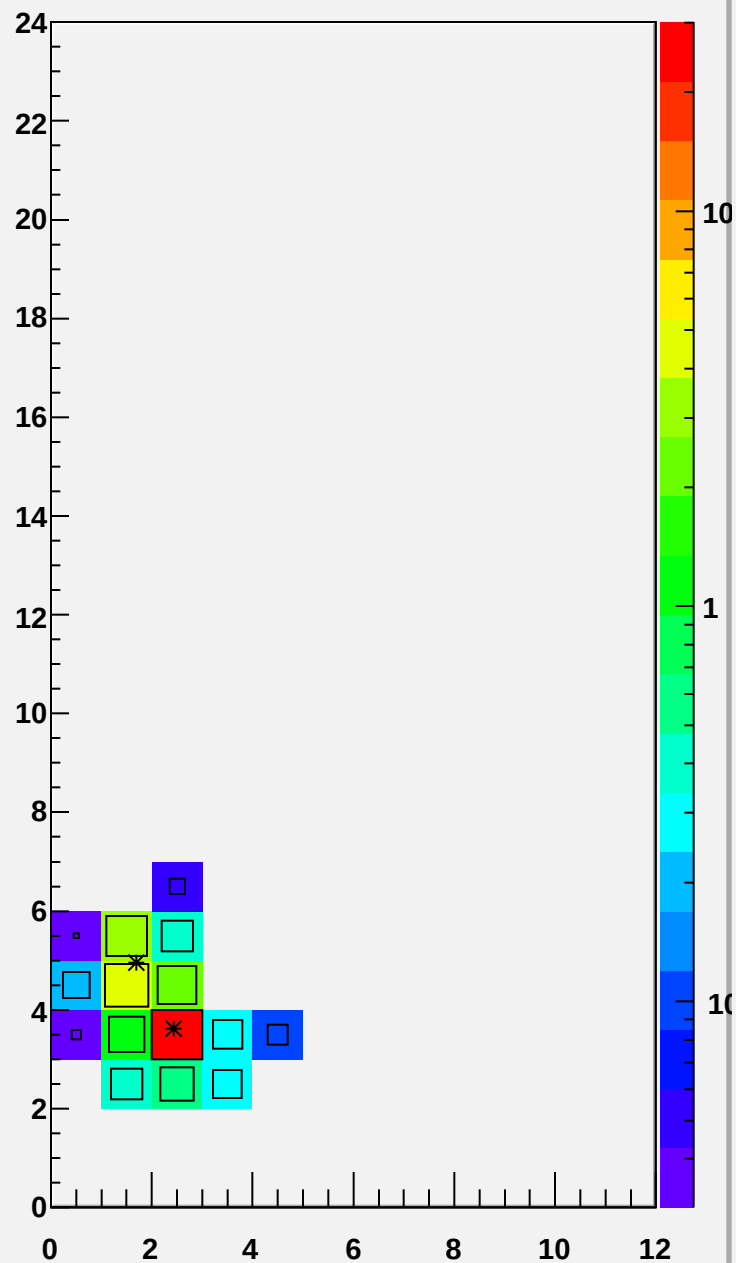
Fitted Energies



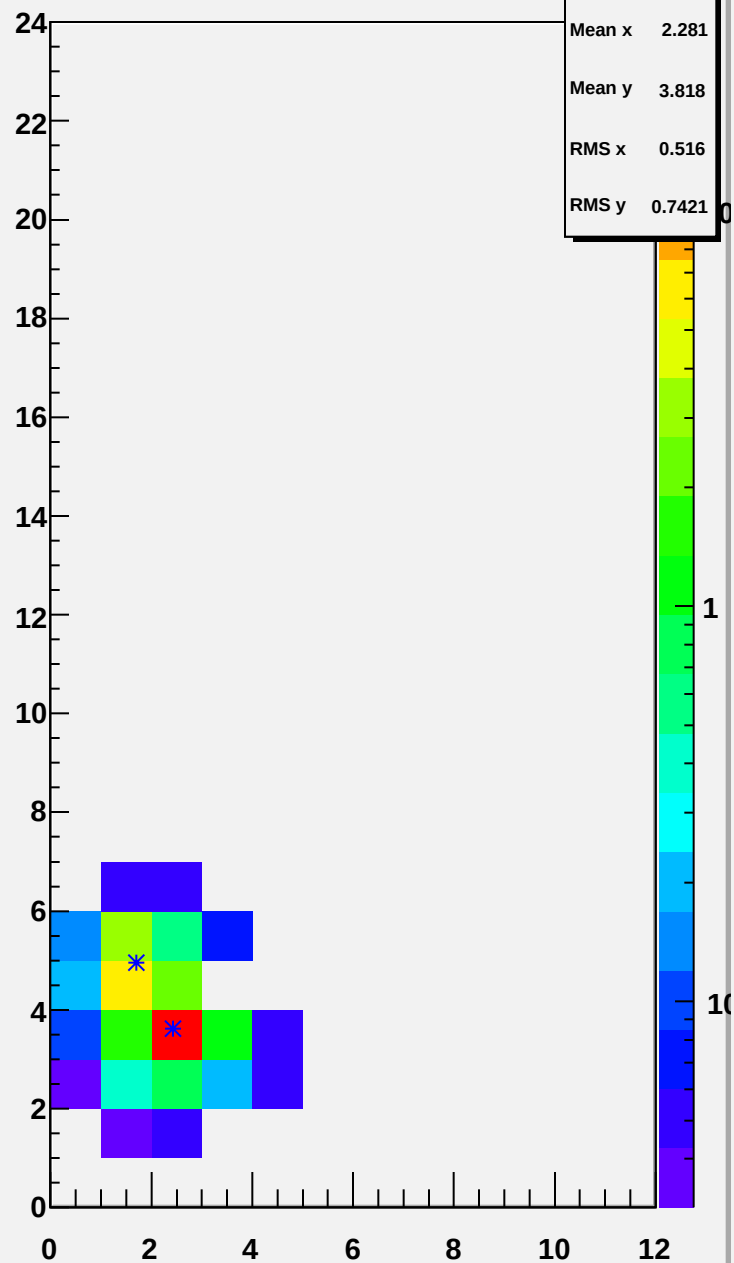
Efit

Entries	288
Mean x	2.754
Mean y	3.029
RMS x	0.5231
RMS y	0.6465

NSTB3_r4_c3_En=43.4_m0=0.157 m1=0.157 index=482



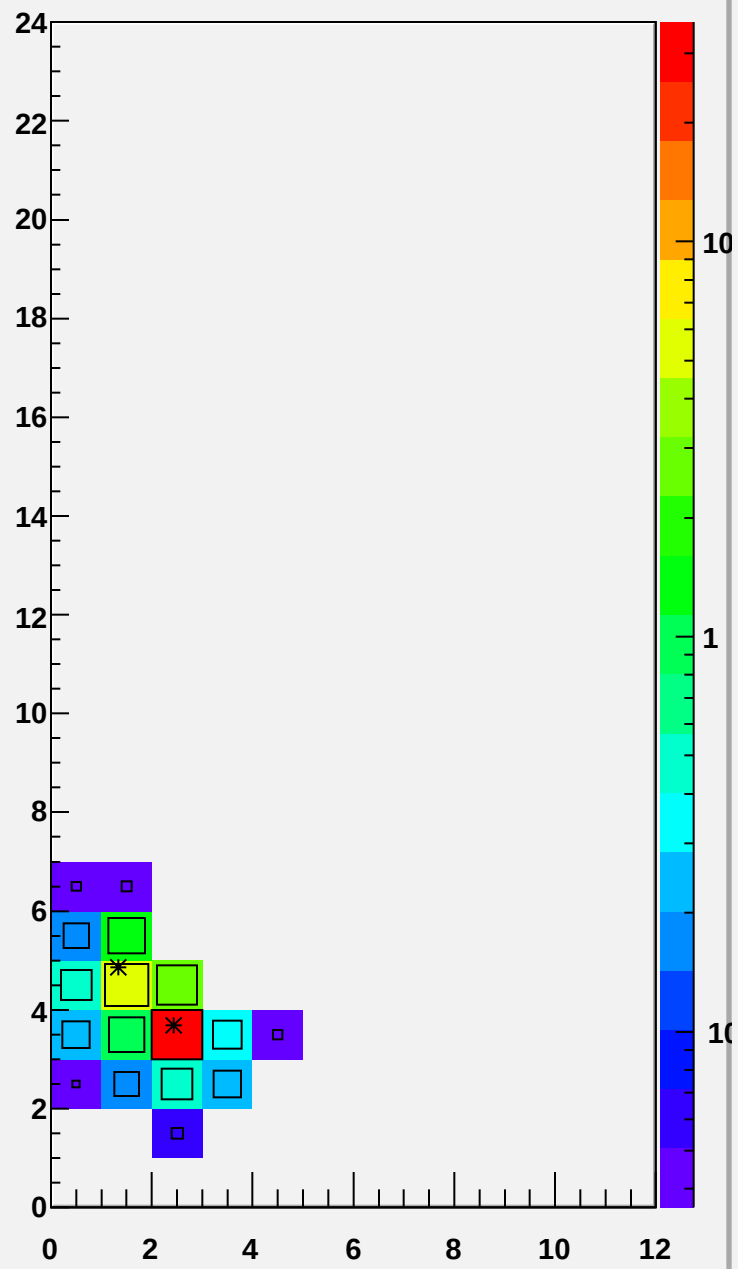
Fitted Energies



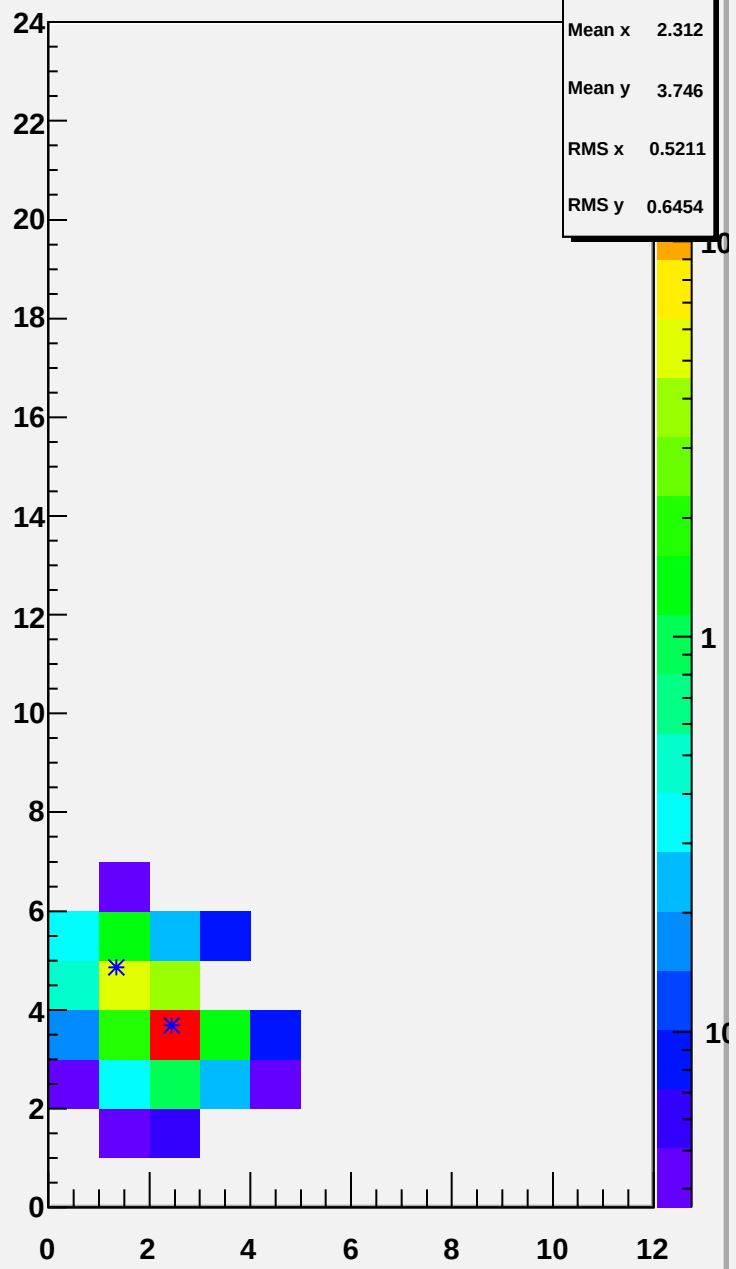
Efit

Entries	288
Mean x	2.281
Mean y	3.818
RMS x	0.516
RMS y	0.7421

NSTB3_r4_c3_En=49.0_m0=0.165 m1=0.165 index=483



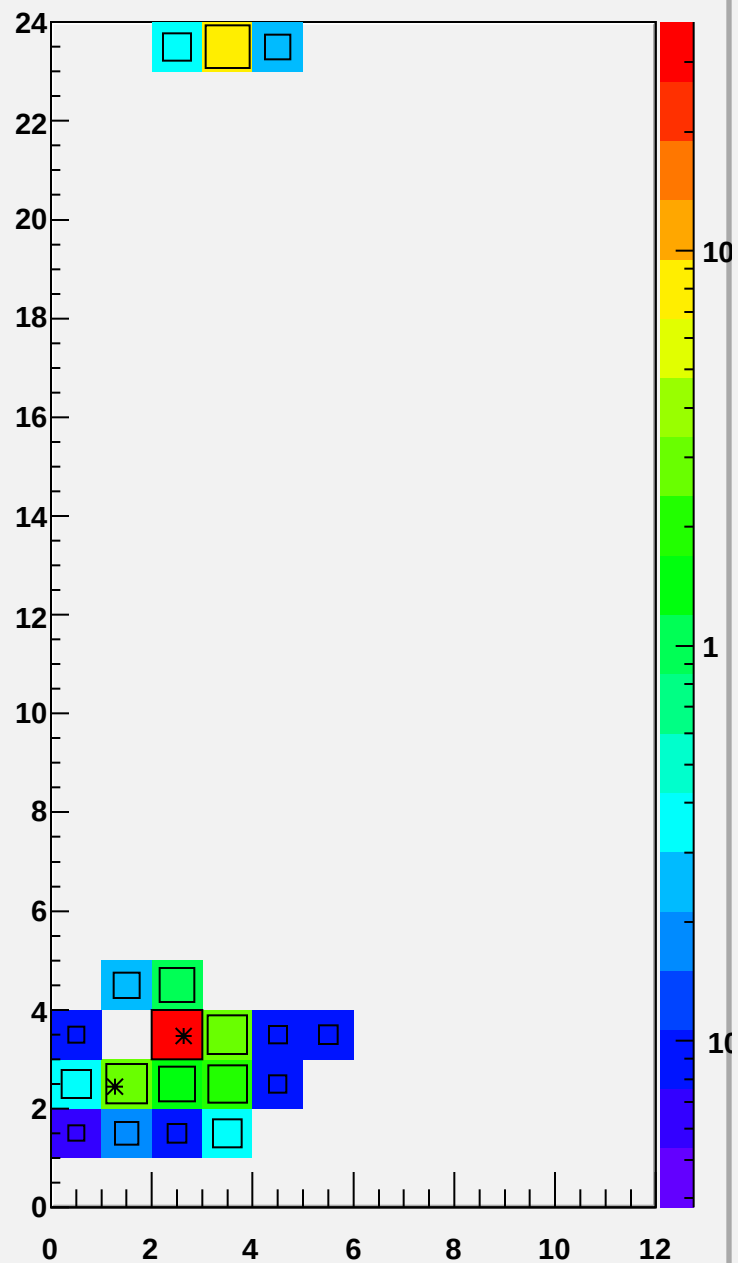
Fitted Energies



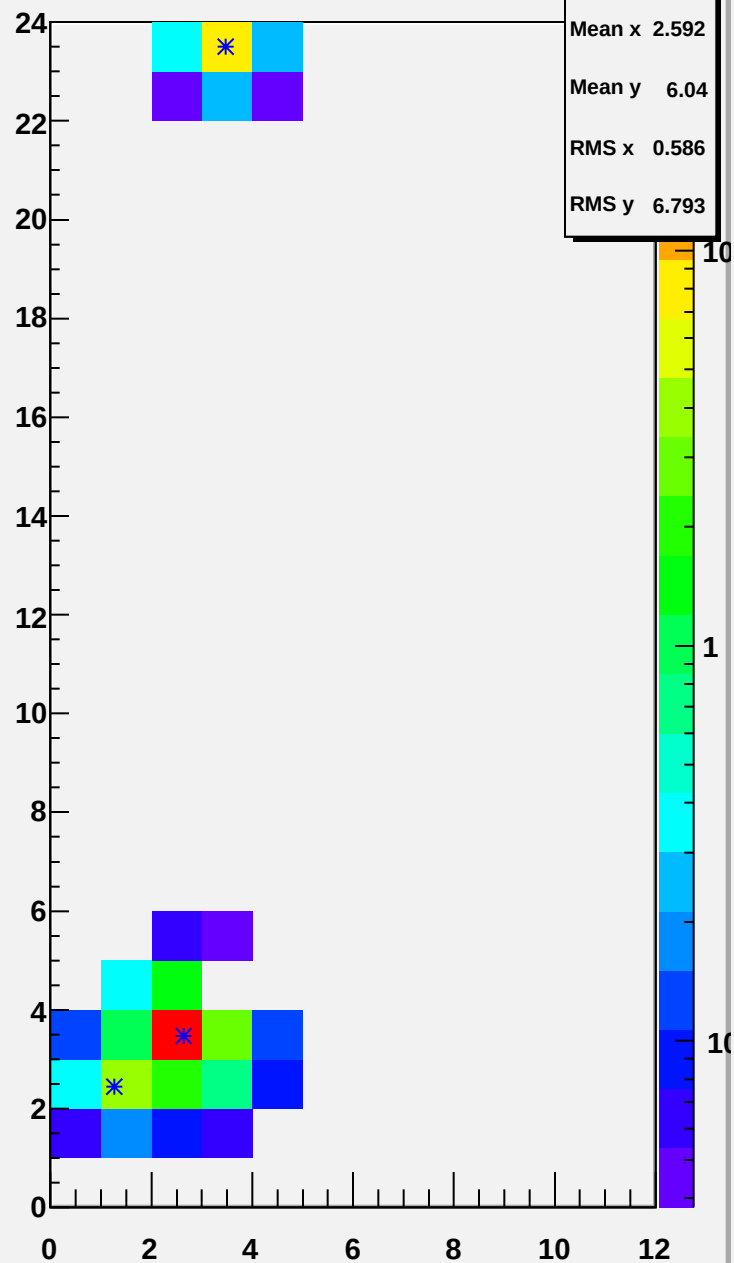
Efit

Entries	288
Mean x	2.312
Mean y	3.746
RMS x	0.5211
RMS y	0.6454

NSTB3_r4_c3_En=57.1_m0=0.127 m1=0.127 index=484



Fitted Energies



Efit

Entries 288

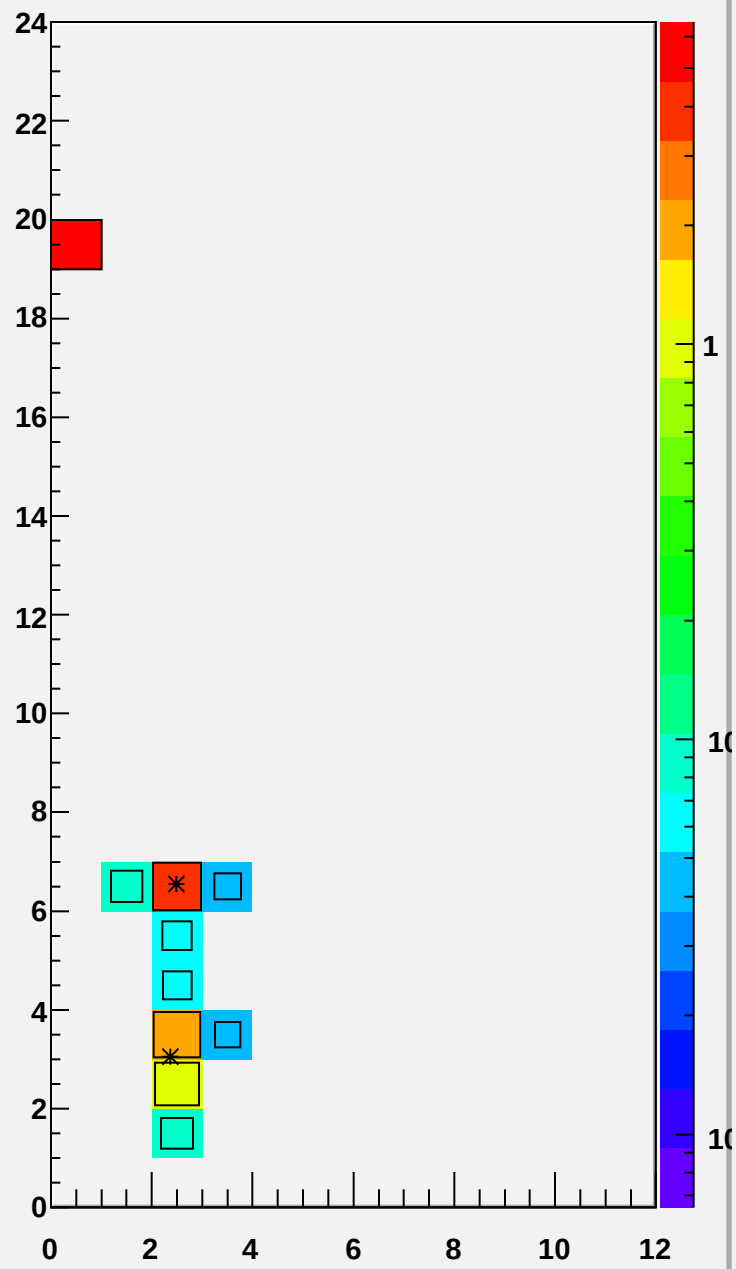
Mean x 2.592

Mean y 6.04

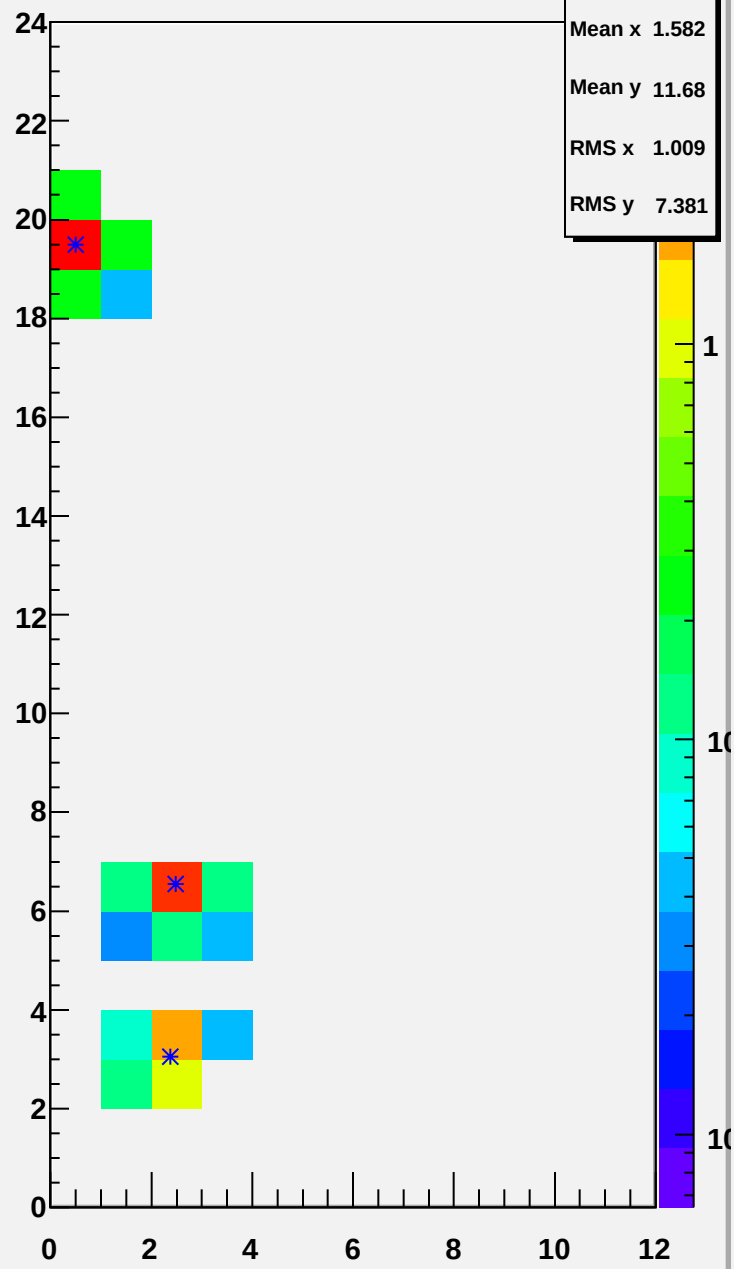
RMS x 0.586

RMS y 6.793

NSTB3_r4_c3_En=14.0_m0=0.079 m1=0.079 index=486



Fitted Energies



Efit

Entries 288

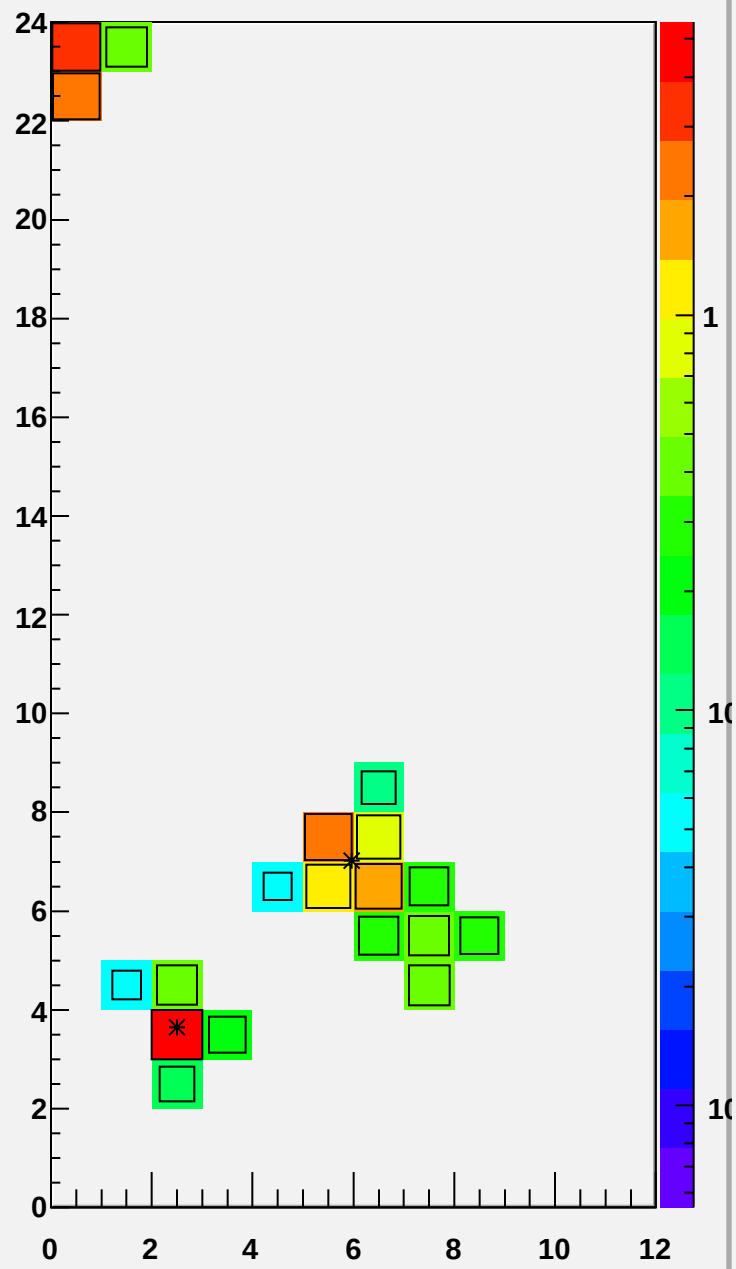
Mean x 1.582

Mean y 11.68

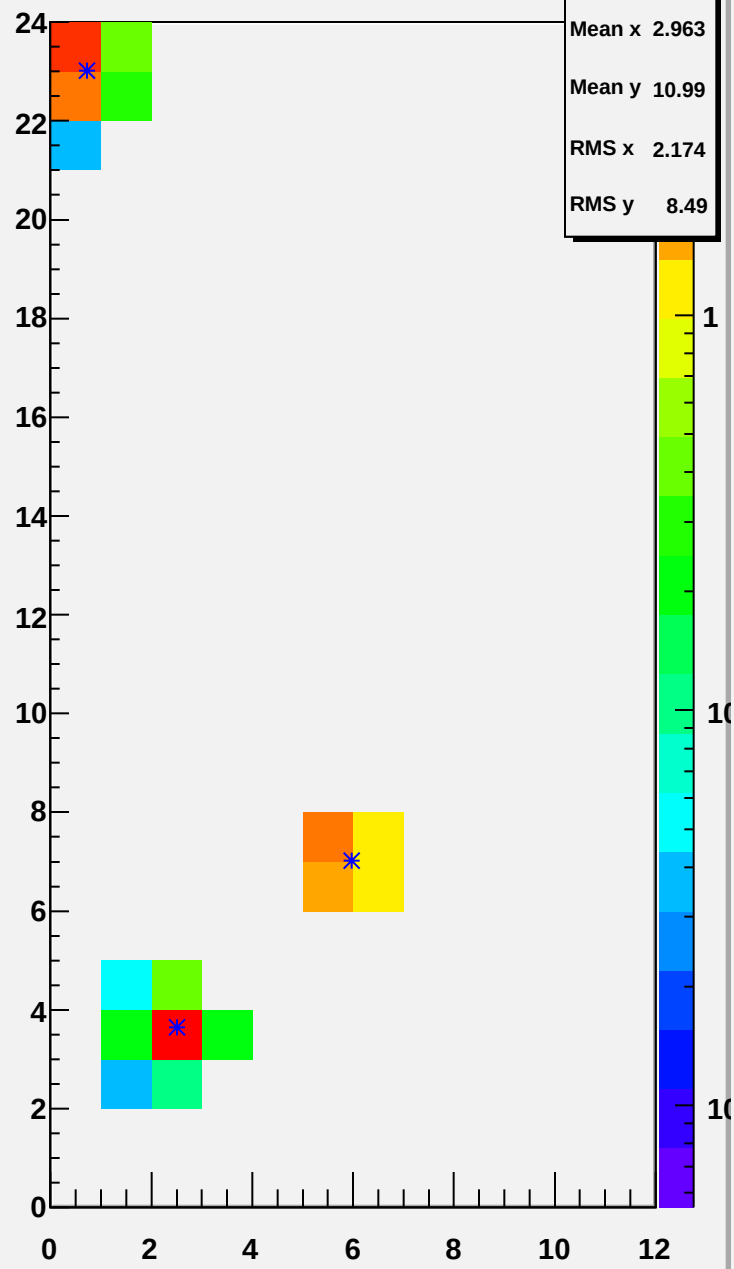
RMS x 1.009

RMS y 7.381

NSTB3_r4_c3_En=20.4_m0=0.179 m1=0.175 index=487



Fitted Energies



Efit

Entries 288

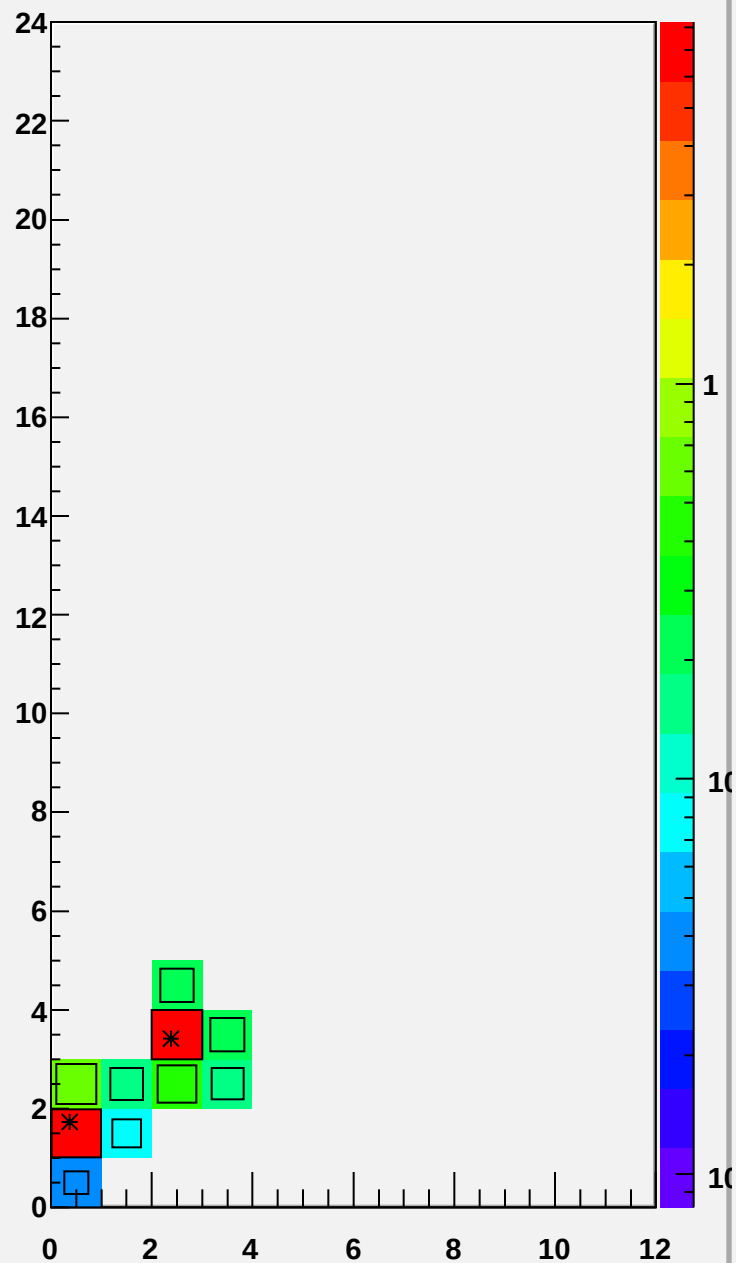
Mean x 2.963

Mean y 10.99

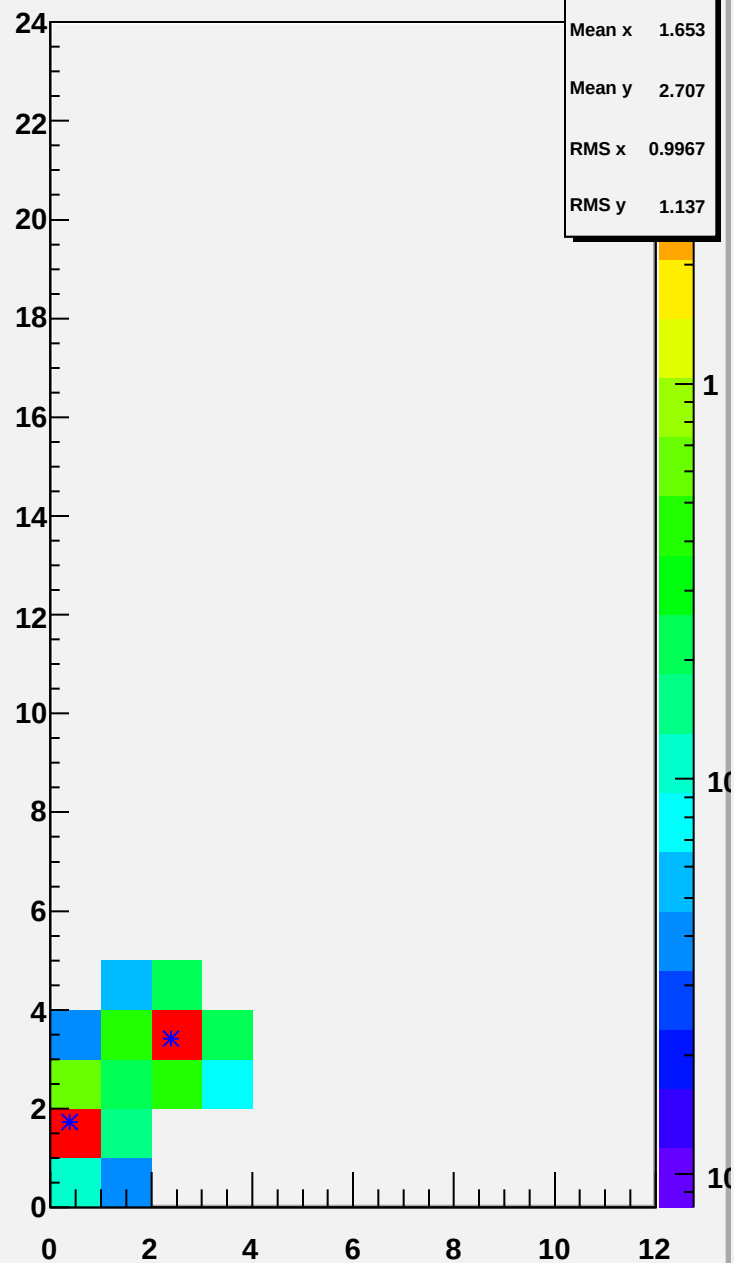
RMS x 2.174

RMS y 8.49

NSTB3_r4_c3_En=16.3_m0=0.129 m1=0.129 index=488



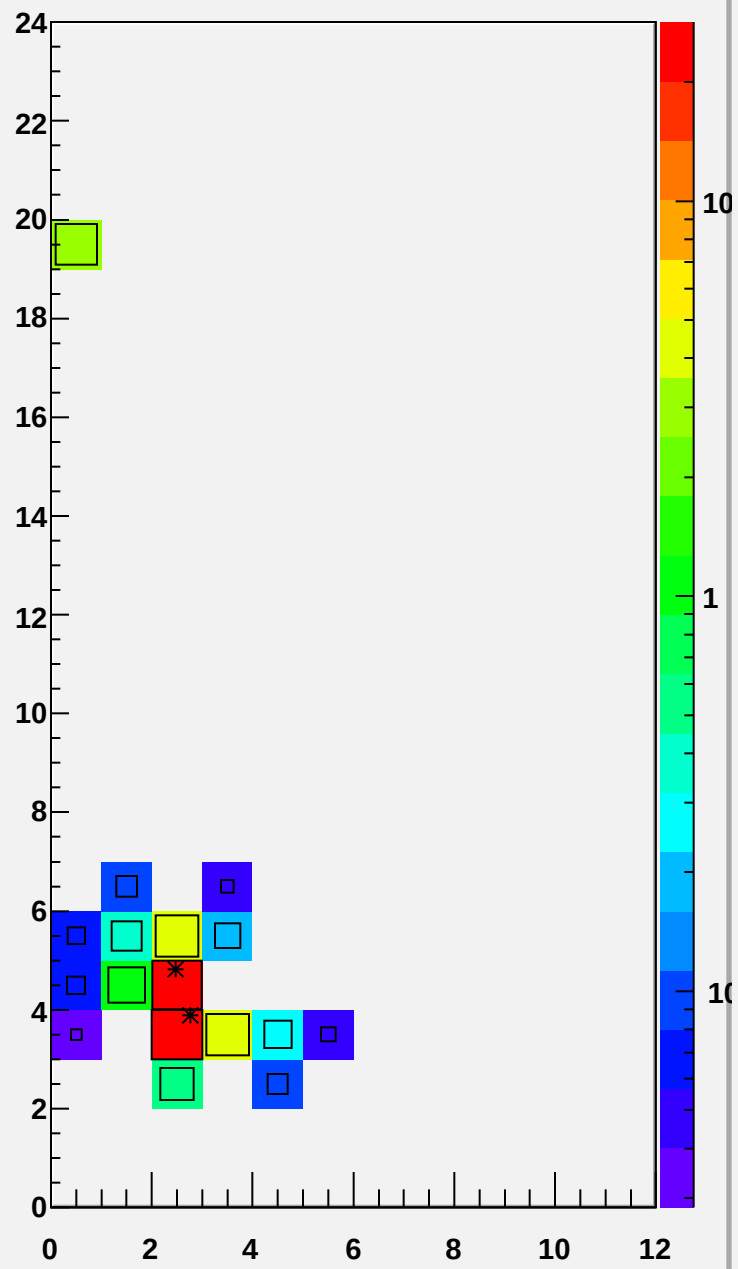
Fitted Energies



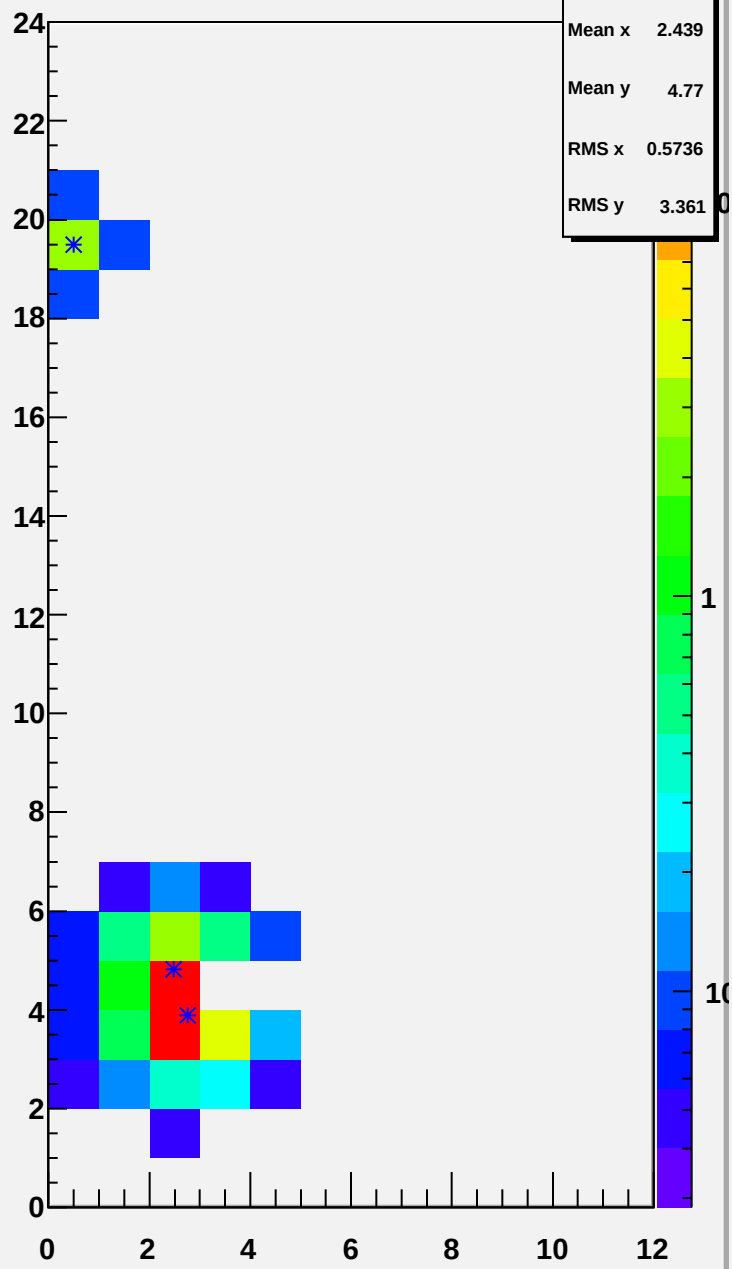
Efit

Entries	288
Mean x	1.653
Mean y	2.707
RMS x	0.9967
RMS y	1.137

NSTB3_r4_c3_En=66.0_m0=0.168_m1=0.169_index=490



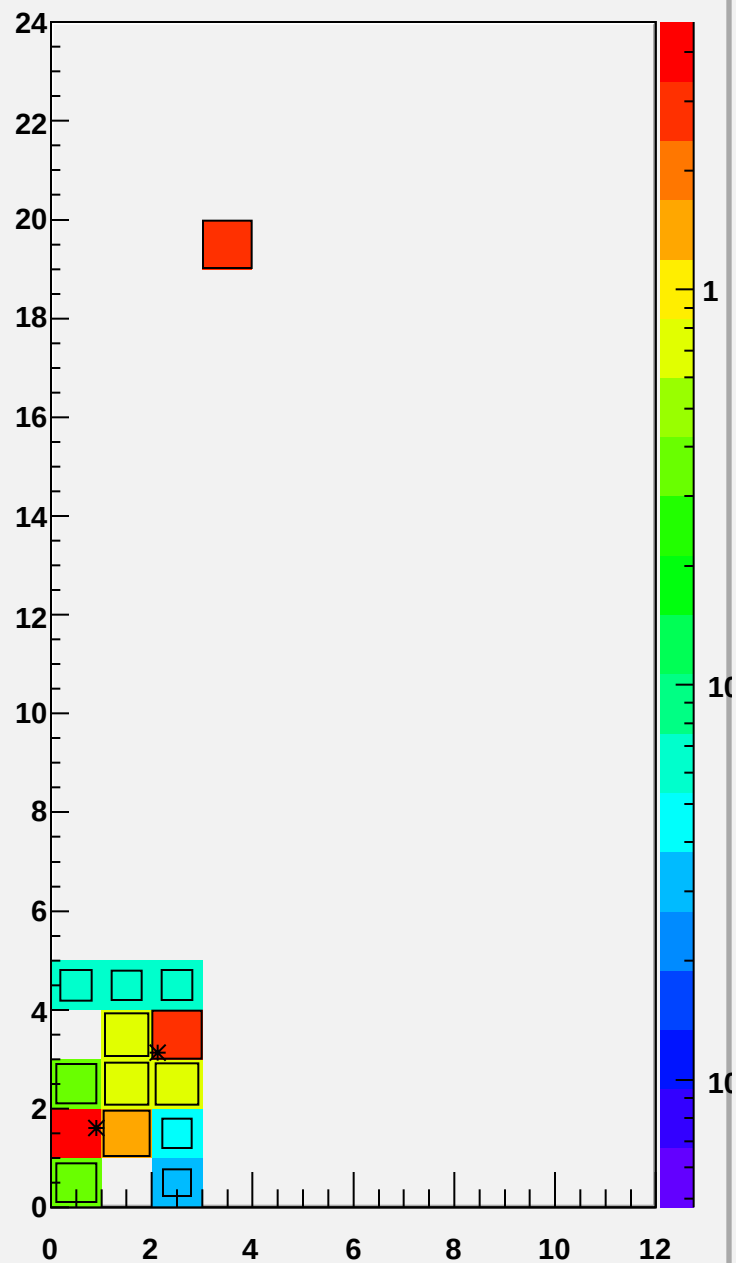
Fitted Energies



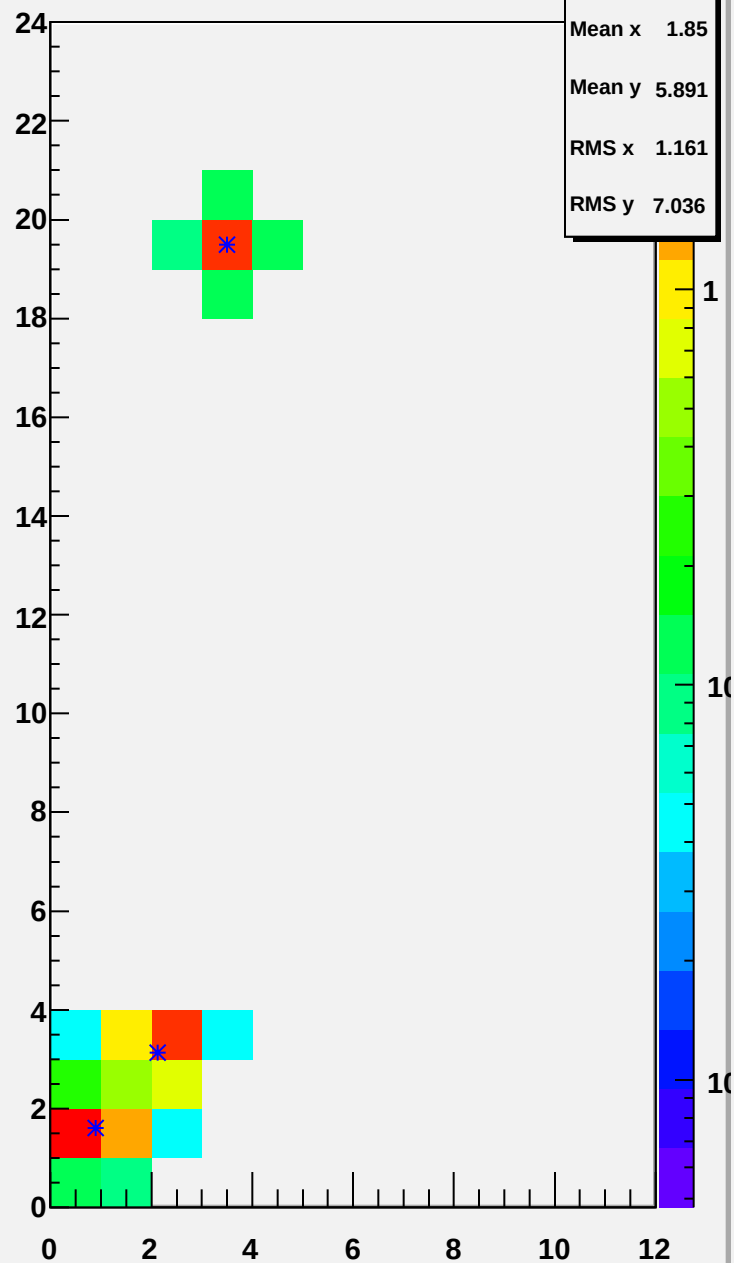
Efit

Entries	288
Mean x	2.439
Mean y	4.77
RMS x	0.5736
RMS y	3.361

NSTB3_r4_c3_En=15.9_m0=0.069_m1=0.069_index=491



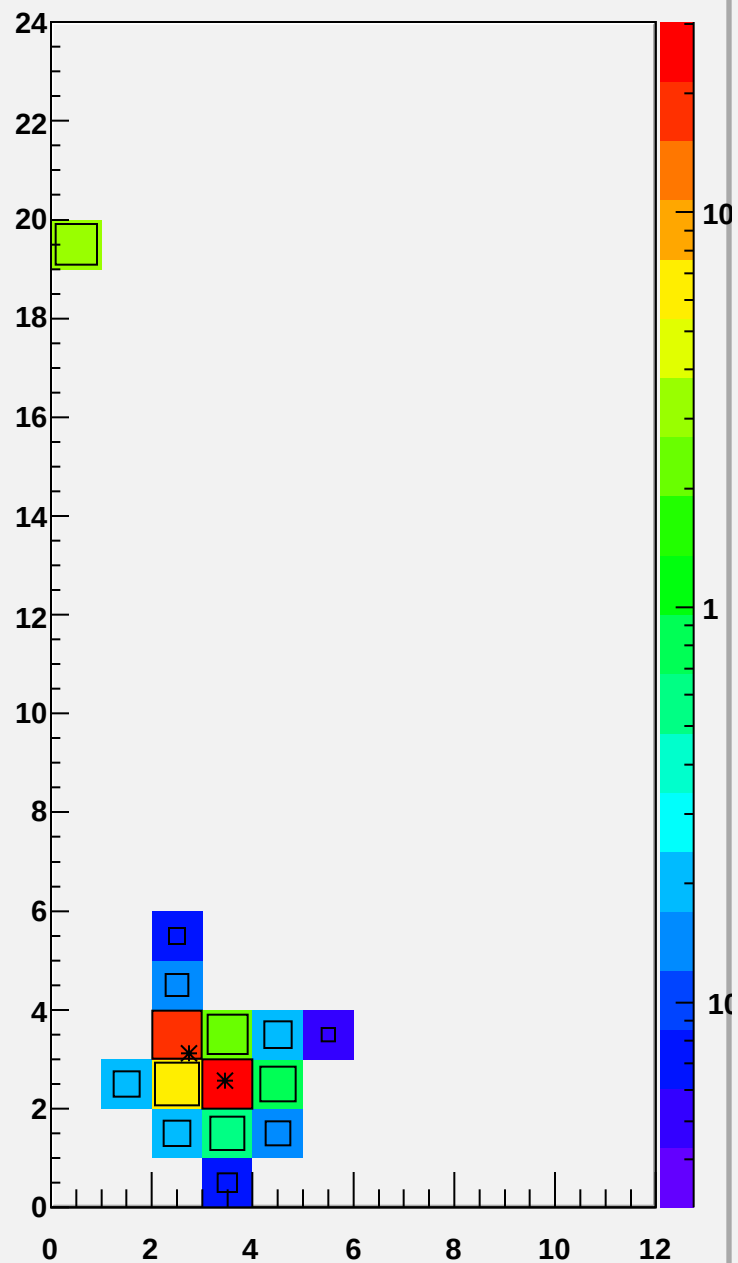
Fitted Energies



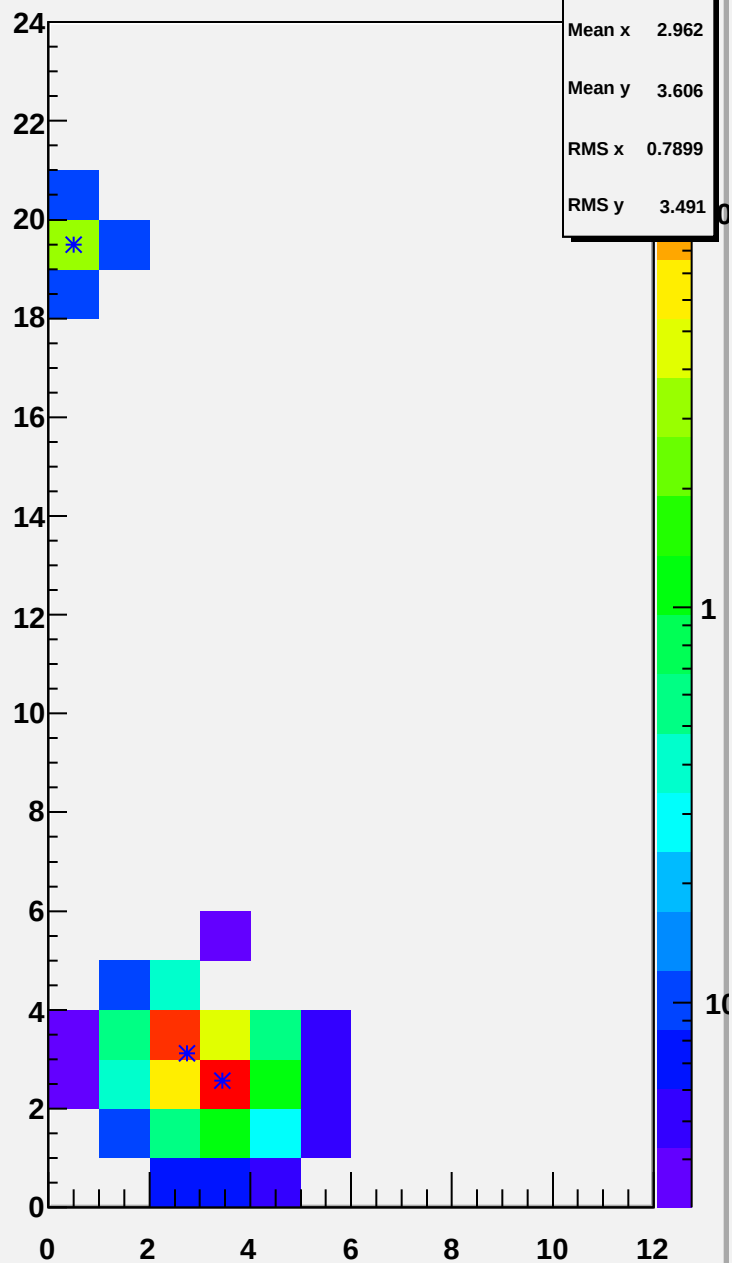
Efit

Entries 288
Mean x 1.85
Mean y 5.891
RMS x 1.161
RMS y 7.036

NSTB3_r4_c3_En=64.4_m0=0.166 m1=0.165 index=492



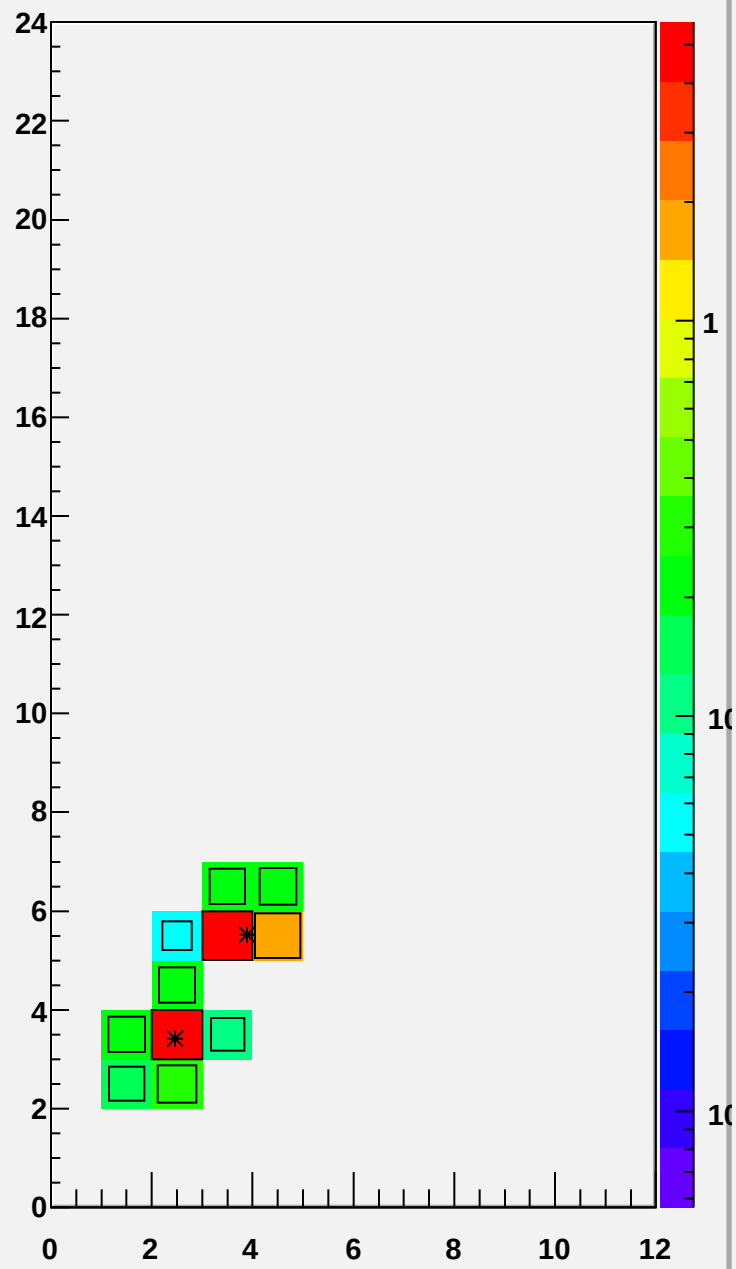
Fitted Energies



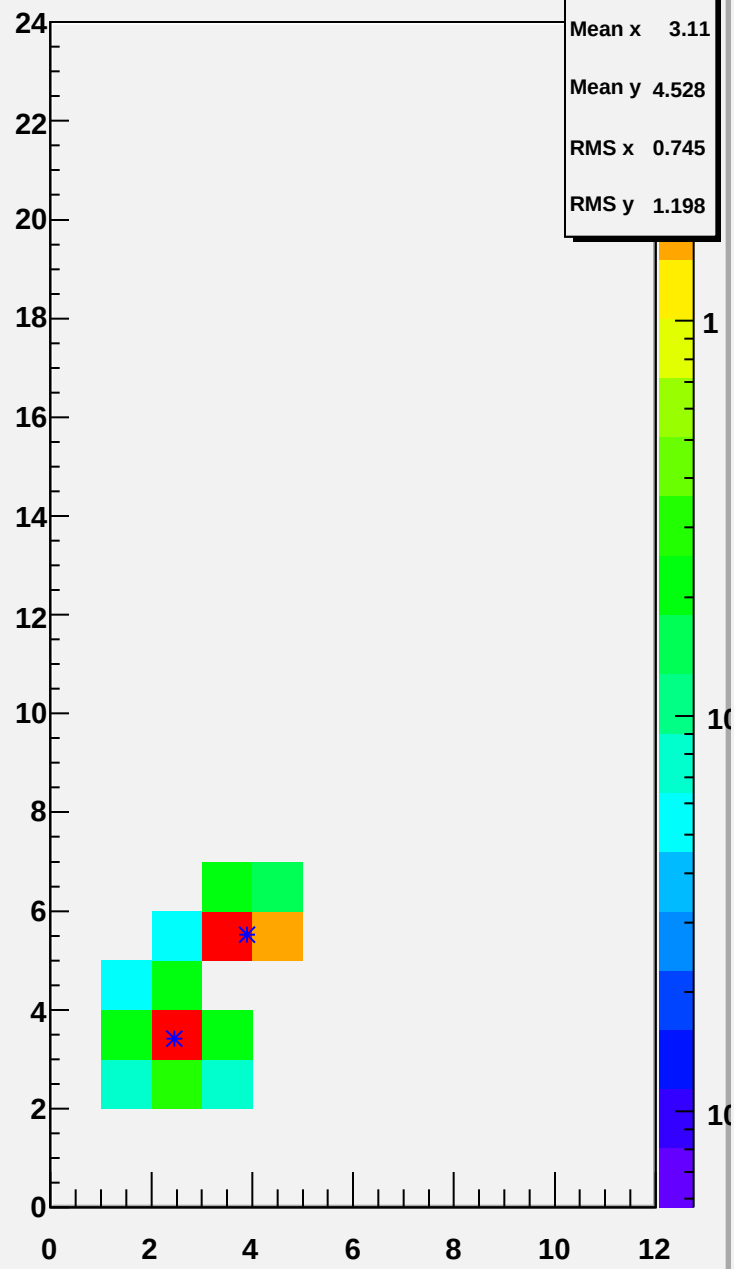
Efit

Entries	288
Mean x	2.962
Mean y	3.606
RMS x	0.7899
RMS y	3.491

NSTB3_r4_c3_En=13.4_m0=0.099 m1=0.099 index=493



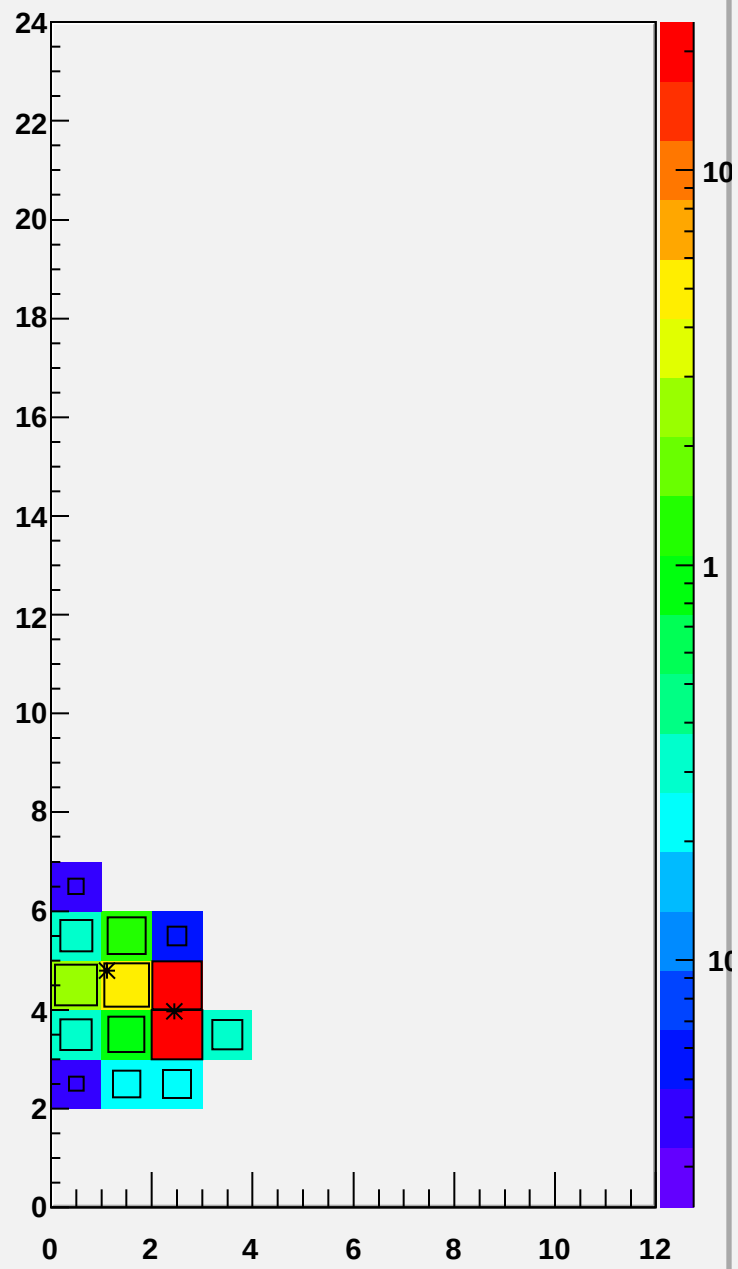
Fitted Energies



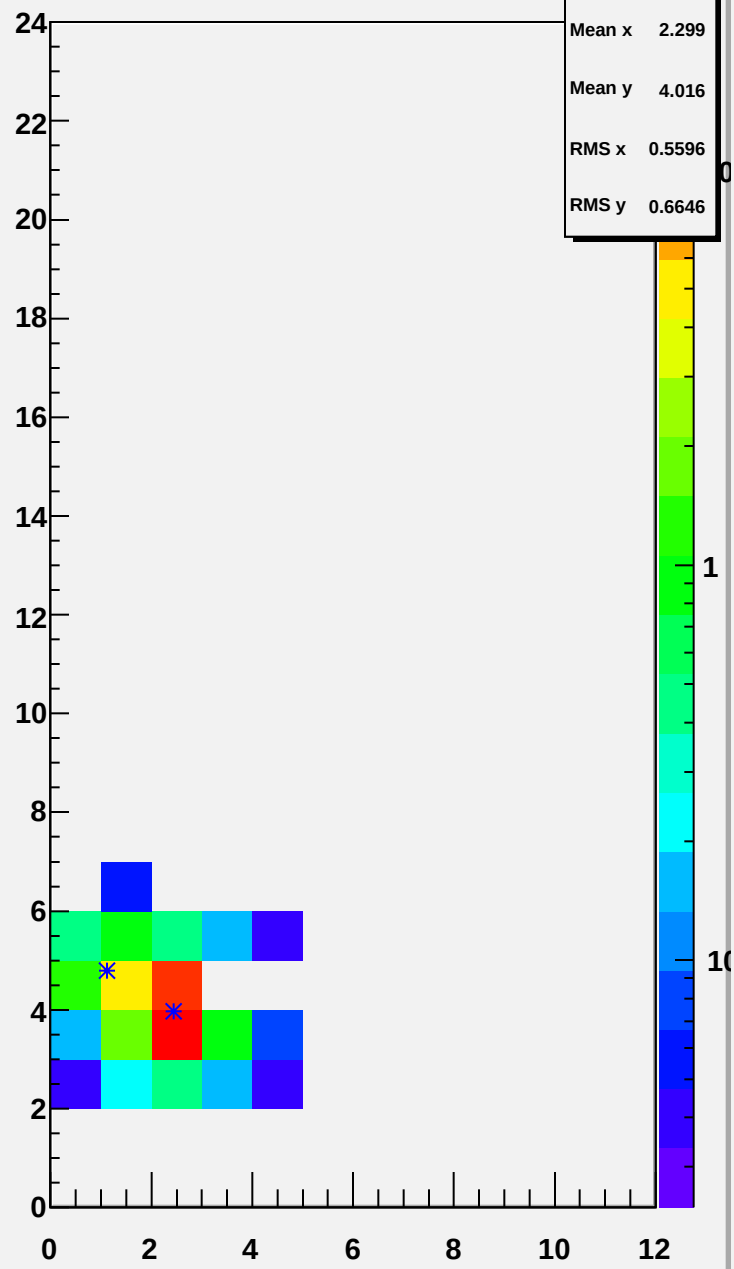
Efit

Entries 288
Mean x 3.11
Mean y 4.528
RMS x 0.745
RMS y 1.198

NSTB3_r4_c3_En=51.8_m0=0.151 m1=0.151 index=495



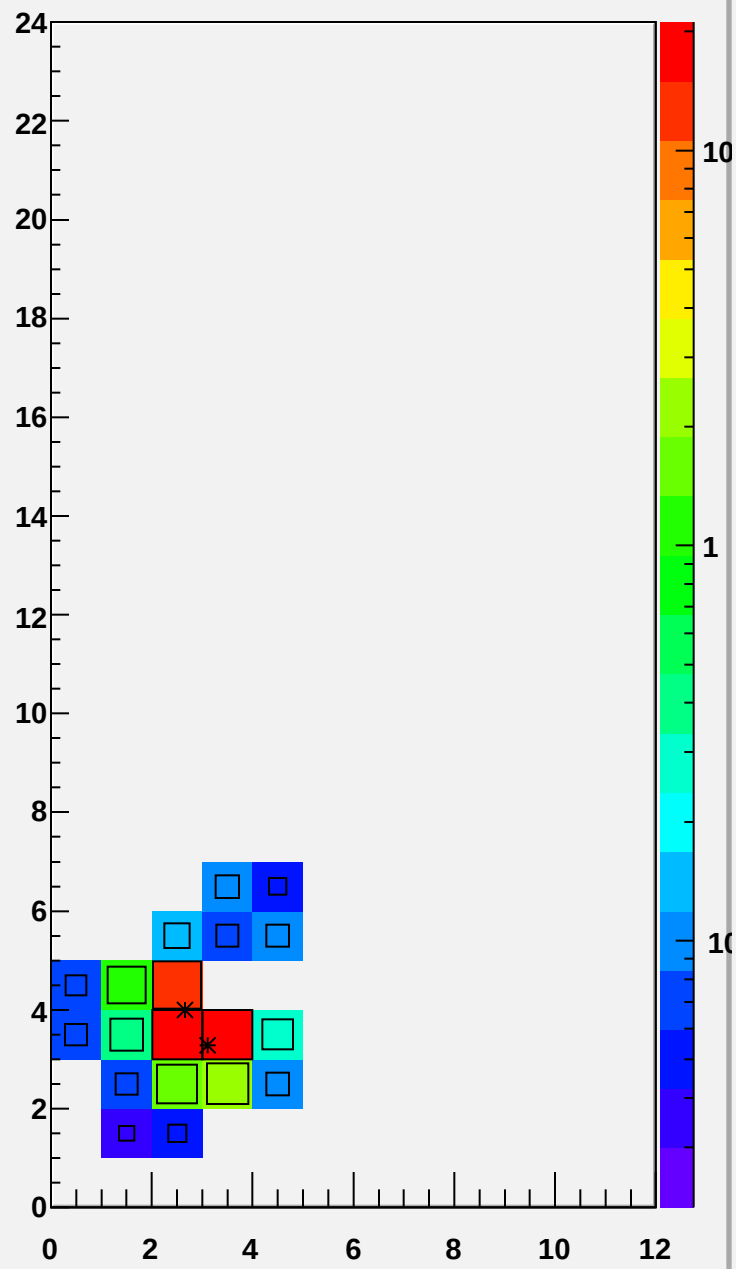
Fitted Energies



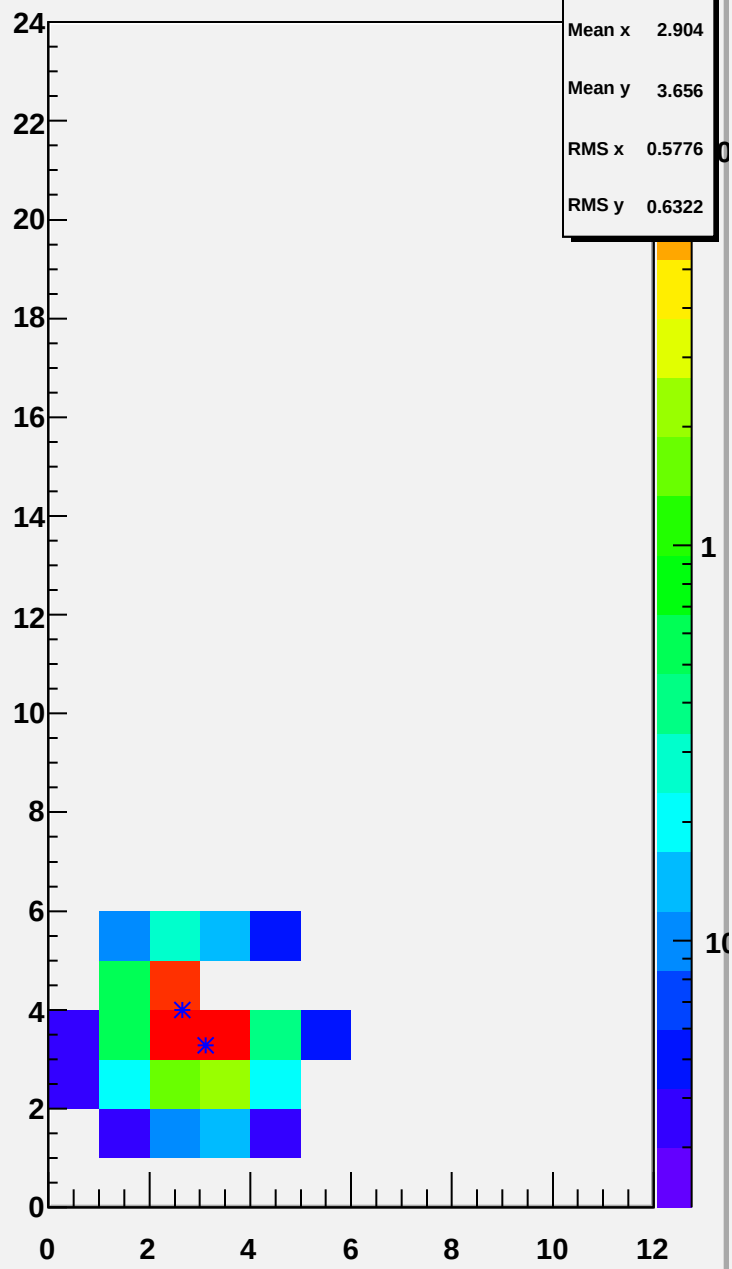
Efit

Entries	288
Mean x	2.299
Mean y	4.016
RMS x	0.5596
RMS y	0.6646

NSTB3_r4_c3_En=57.9_m0=0.139_m1=0.140_index=496



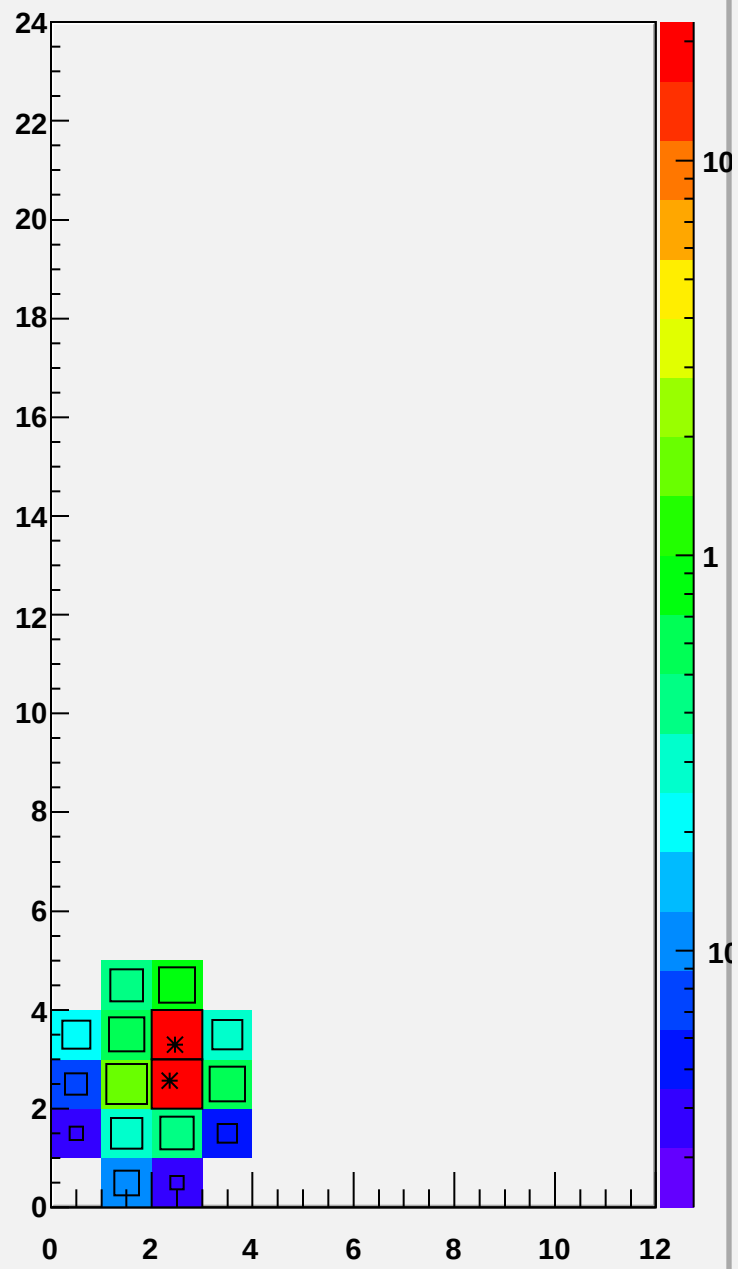
Fitted Energies



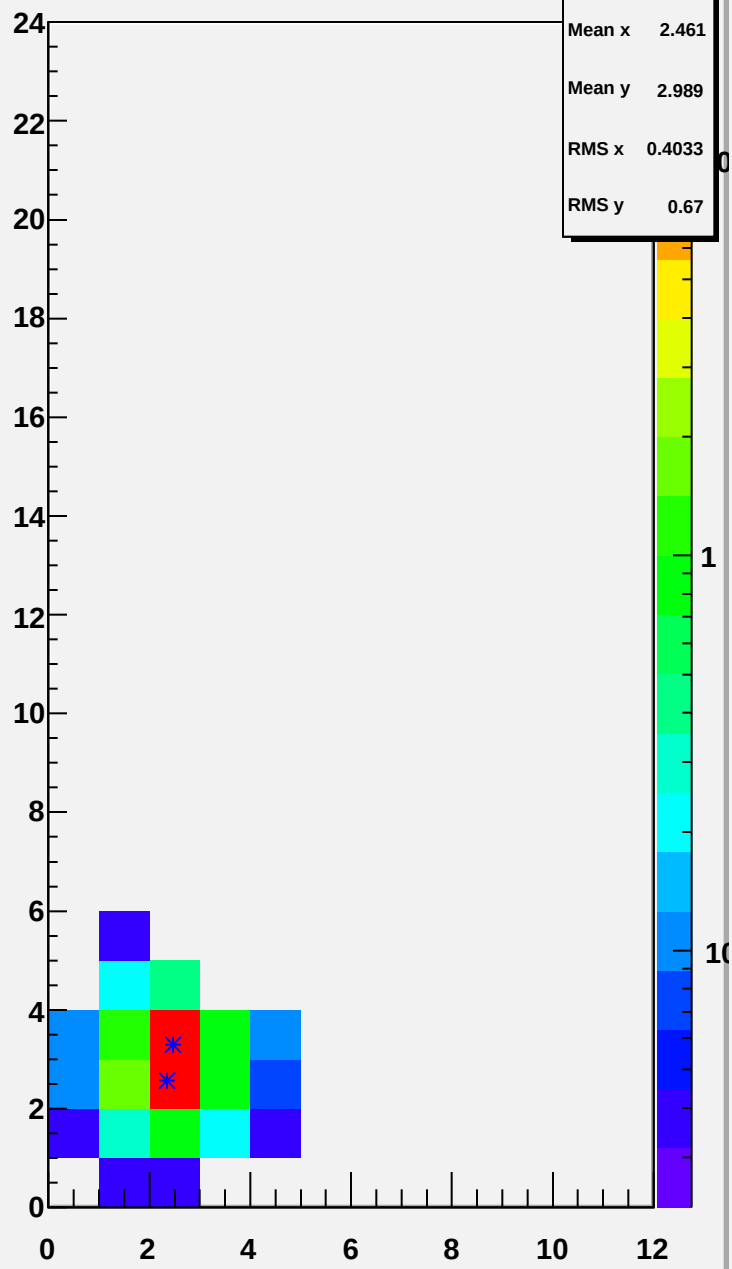
Efit

Entries	288
Mean x	2.904
Mean y	3.656
RMS x	0.5776
RMS y	0.6322

NSTB3_r4_c3_En=49.8_m0=0.100 m1=0.100 index=498



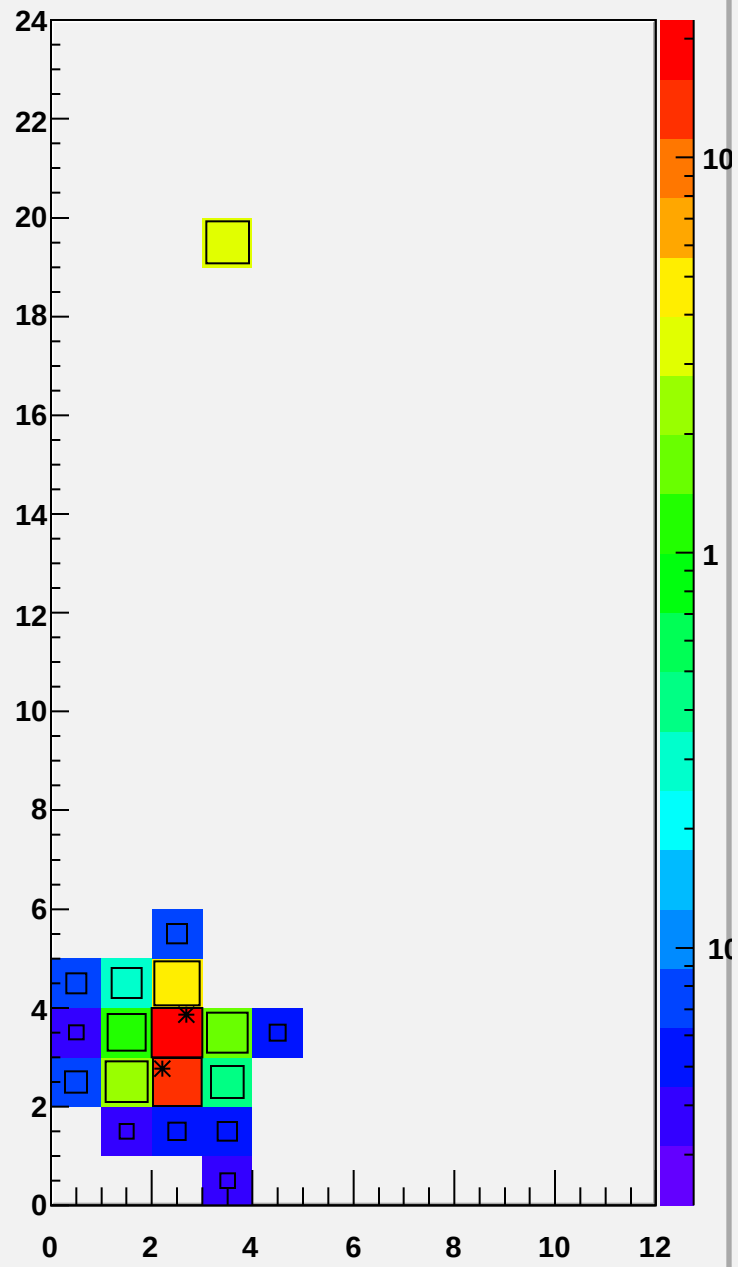
Fitted Energies



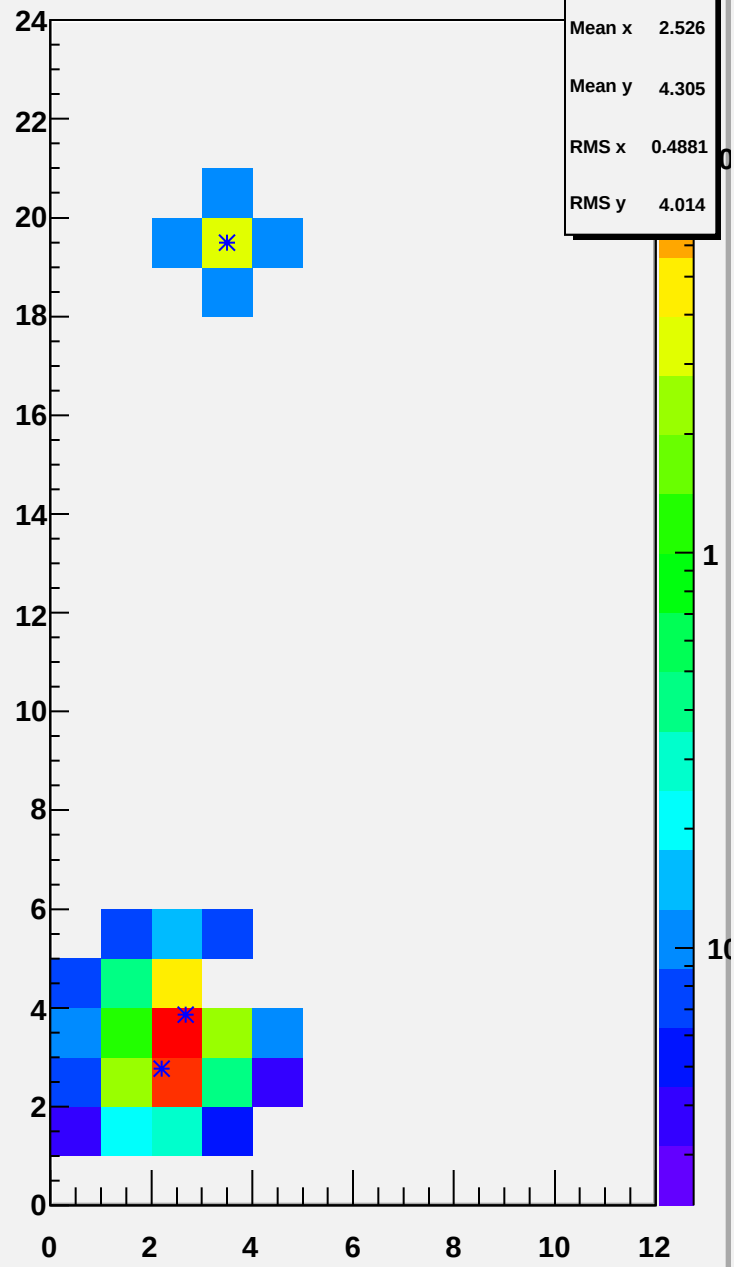
Efit

Entries	288
Mean x	2.461
Mean y	2.989
RMS x	0.4033
RMS y	0.67

NSTB3_r4_c3_En=51.1_m0=0.159_m1=0.159_index=499



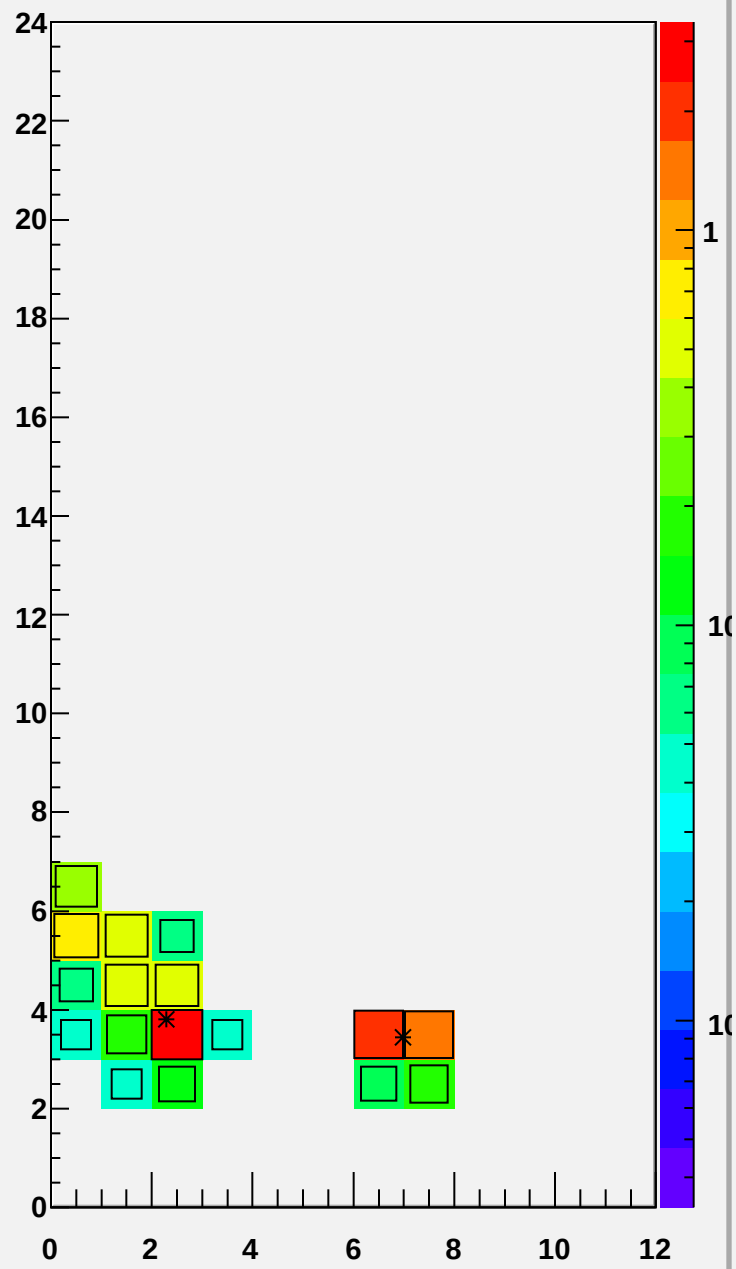
Fitted Energies



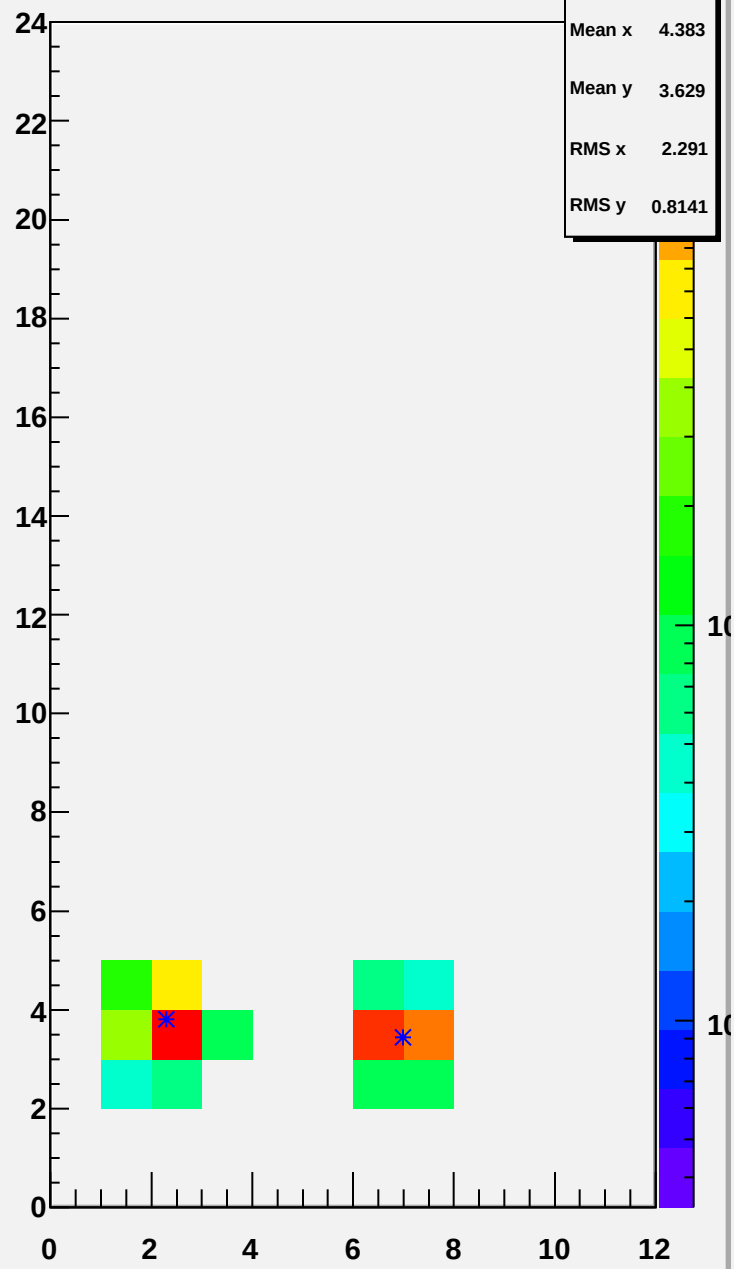
Efit

Entries	288
Mean x	2.526
Mean y	4.305
RMS x	0.4881
RMS y	4.014

NSTB3_r4_c3_En=10.1_m0=0.117 m1=0.117 index=500



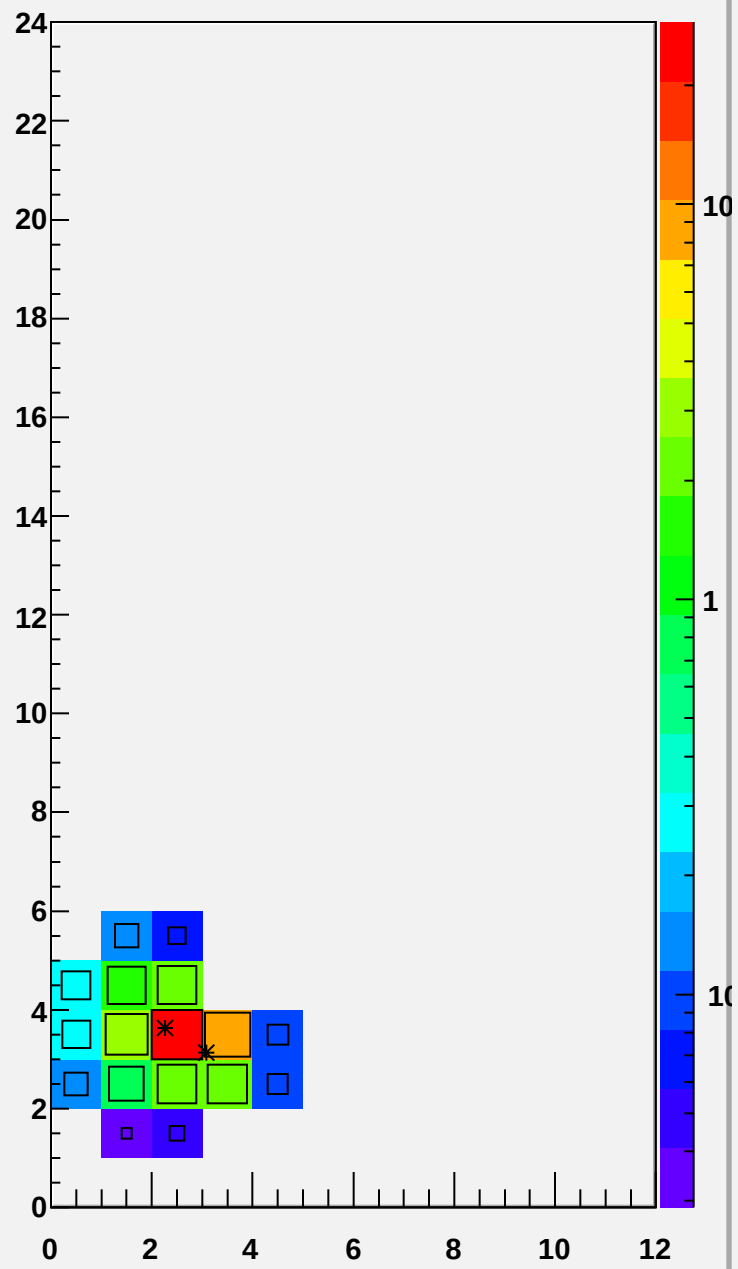
Fitted Energies



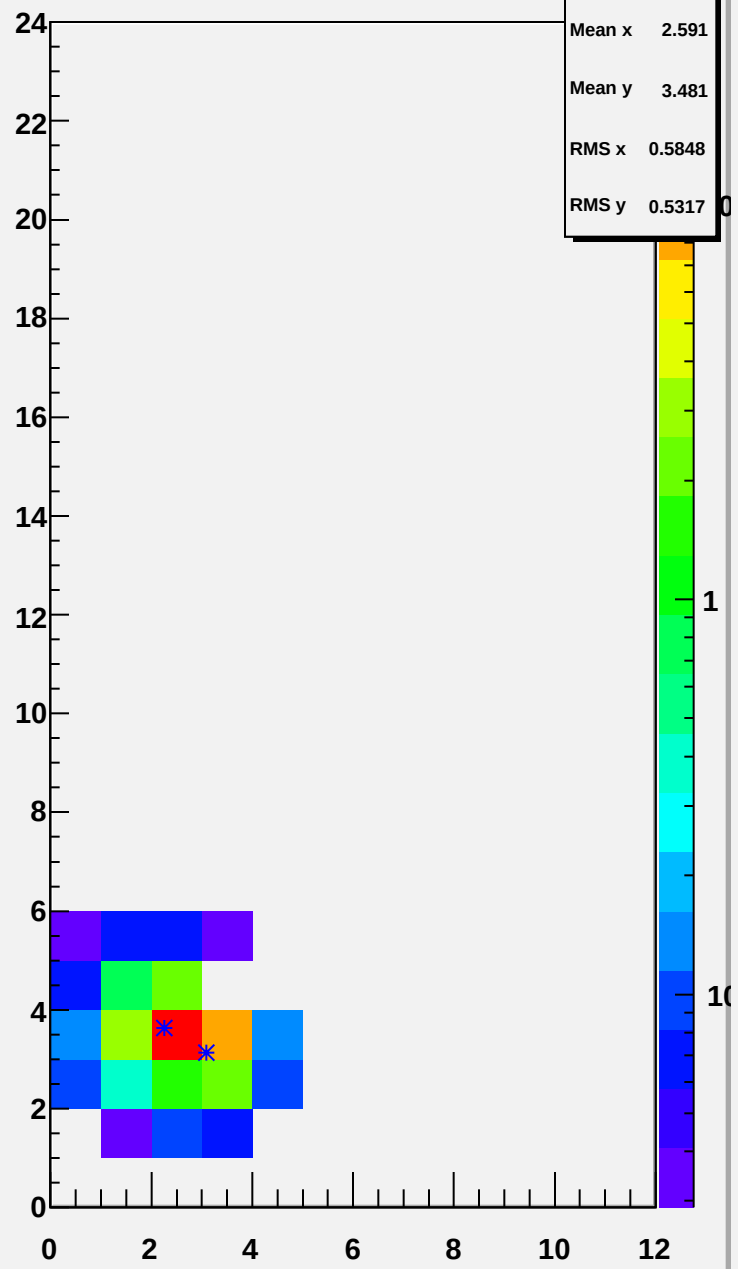
Efit

Entries	288
Mean x	4.383
Mean y	3.629
RMS x	2.291
RMS y	0.8141

NSTB3_r4_c3_En=48.4_m0=0.112 m1=0.112 index=501



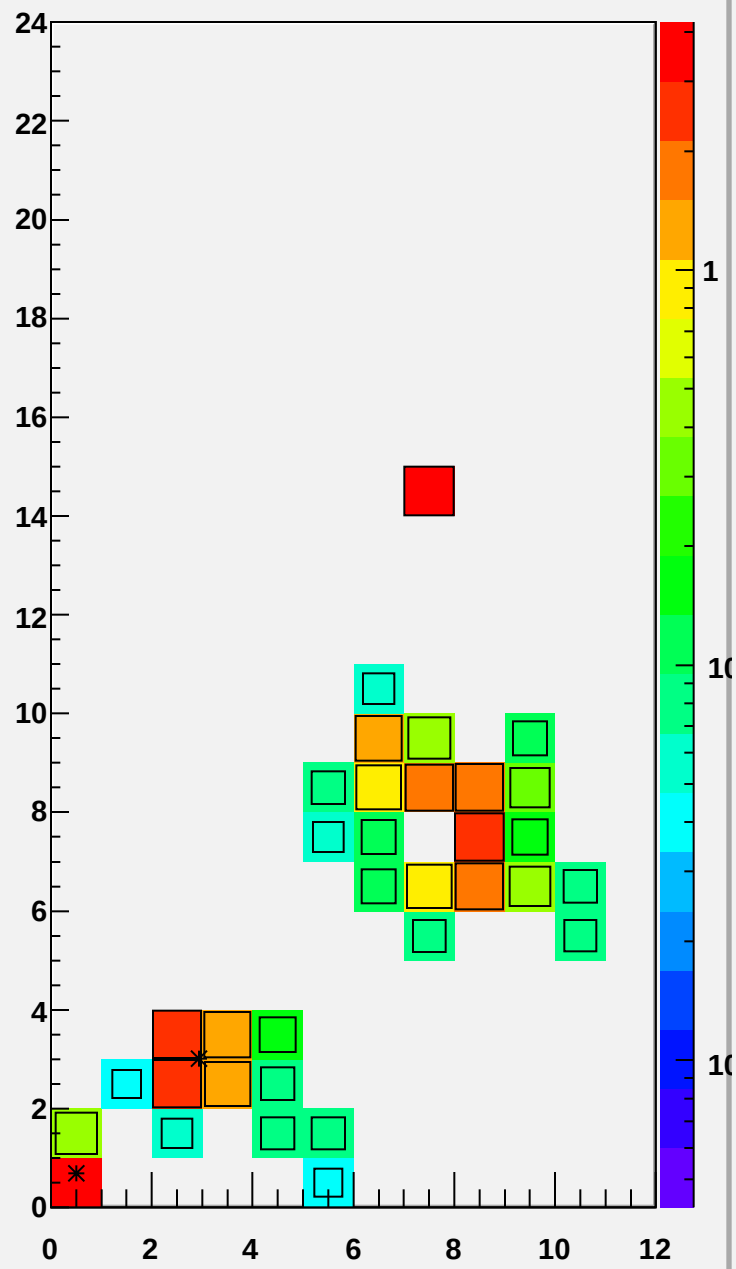
Fitted Energies



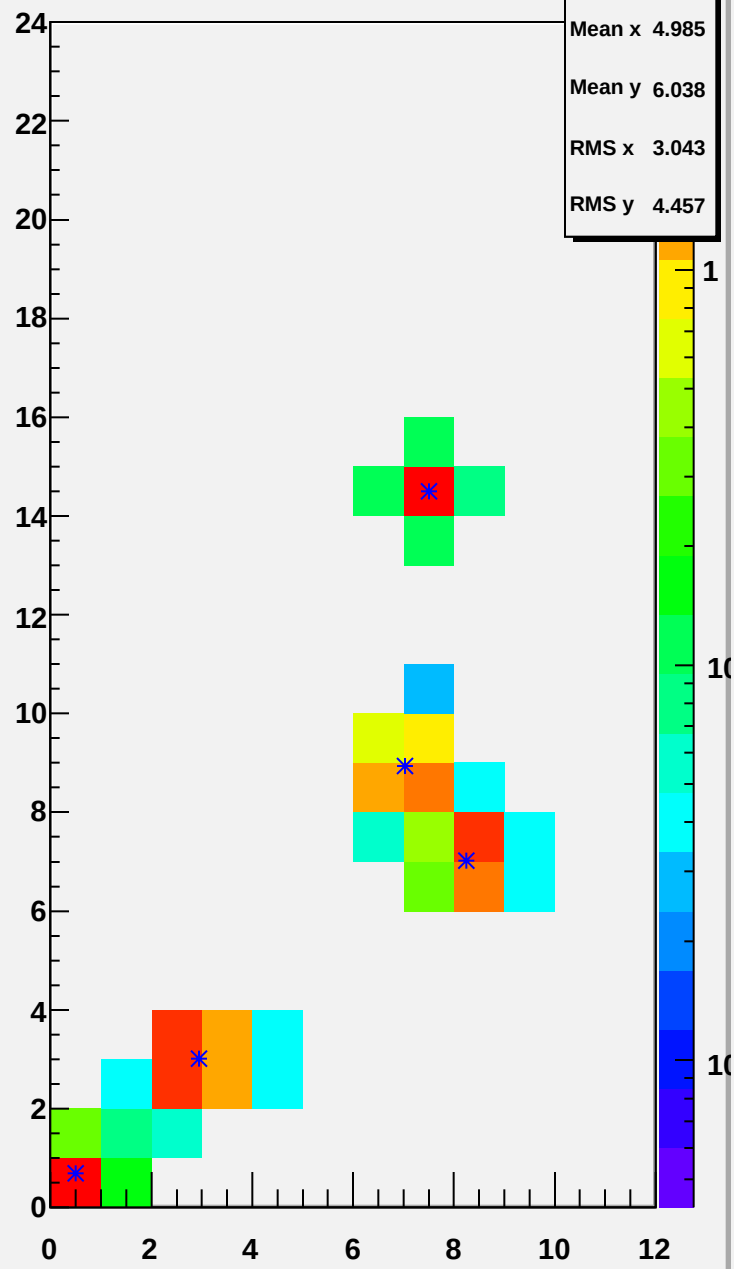
Efit

Entries	288
Mean x	2.591
Mean y	3.481
RMS x	0.5848
RMS y	0.5317

NSTB3_r4_c3_En=29.6_m0=0.118_m1=0.118_index=502



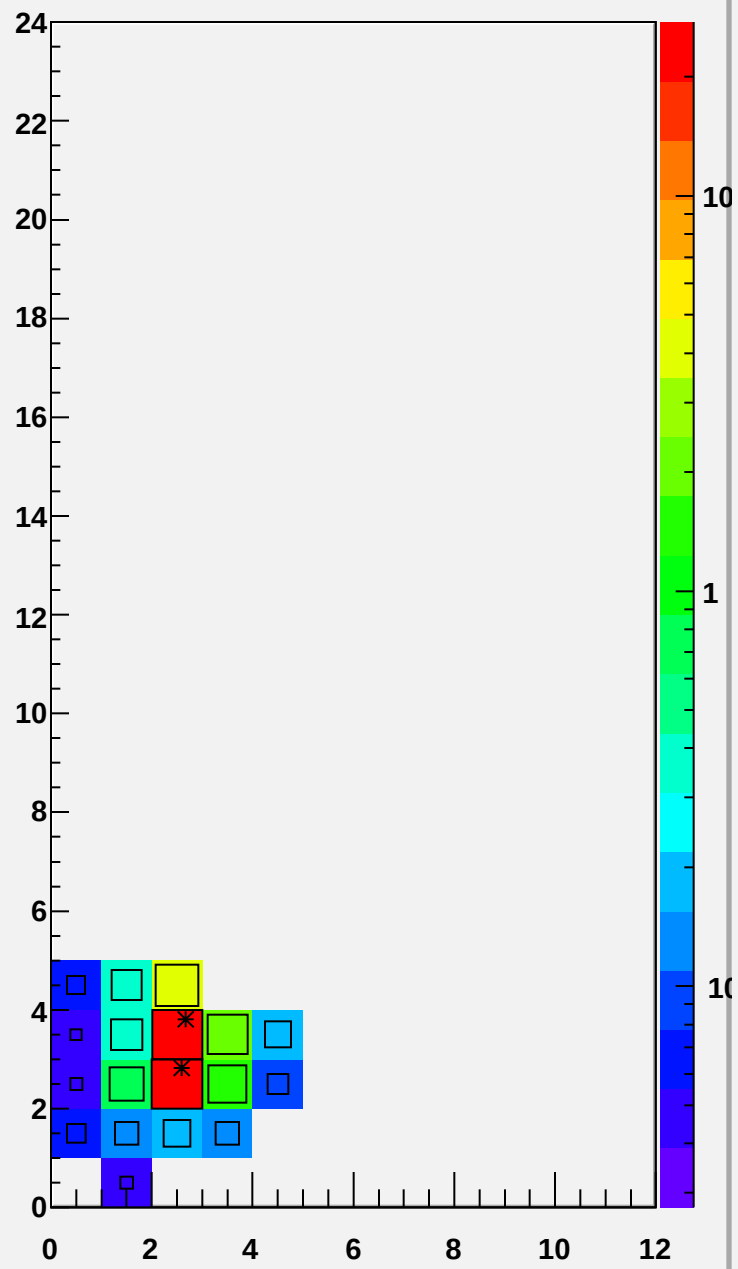
Fitted Energies



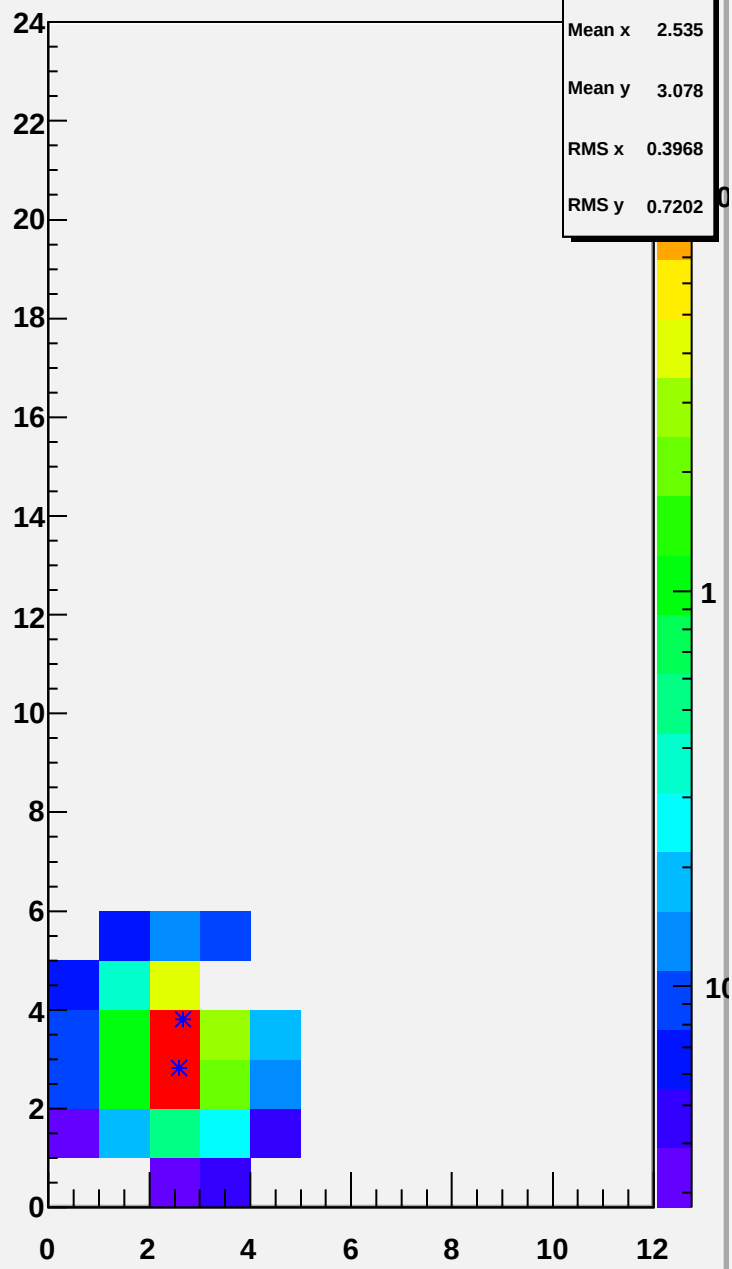
Efit

Entries 288
Mean x 4.985
Mean y 6.038
RMS x 3.043
RMS y 4.457

NSTB3_r4_c3_En=62.2_m0=0.172 m1=0.172 index=504



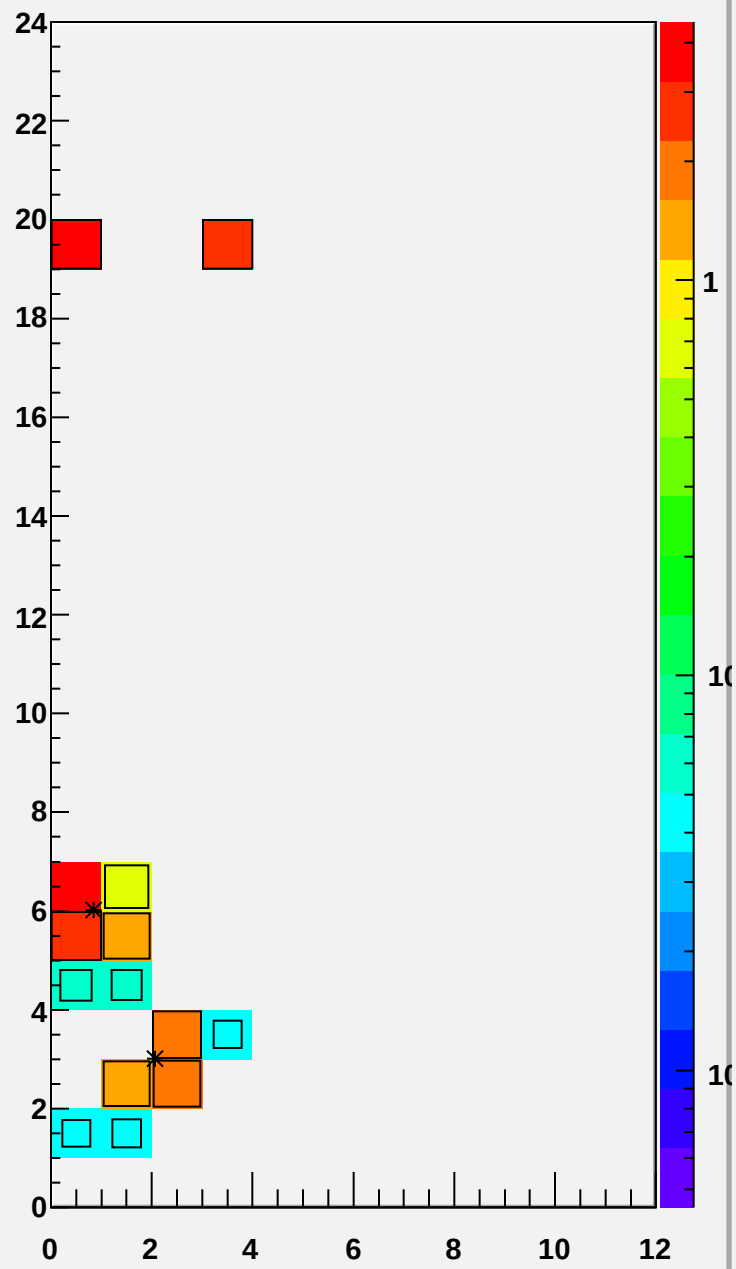
Fitted Energies



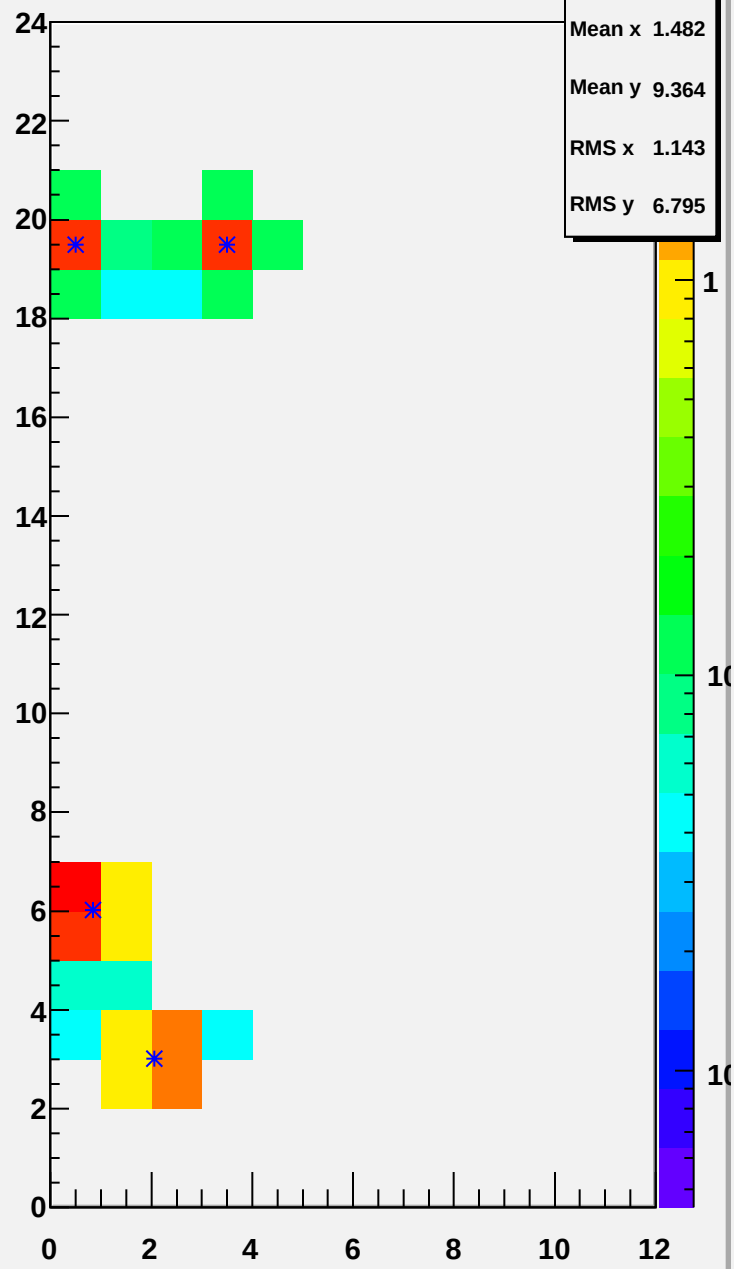
Efit

Entries	288
Mean x	2.535
Mean y	3.078
RMS x	0.3968
RMS y	0.7202

NSTB3_r4_c3_En=21.6_m0=0.140 m1=0.140 index=505



Fitted Energies



Efit

Entries 288

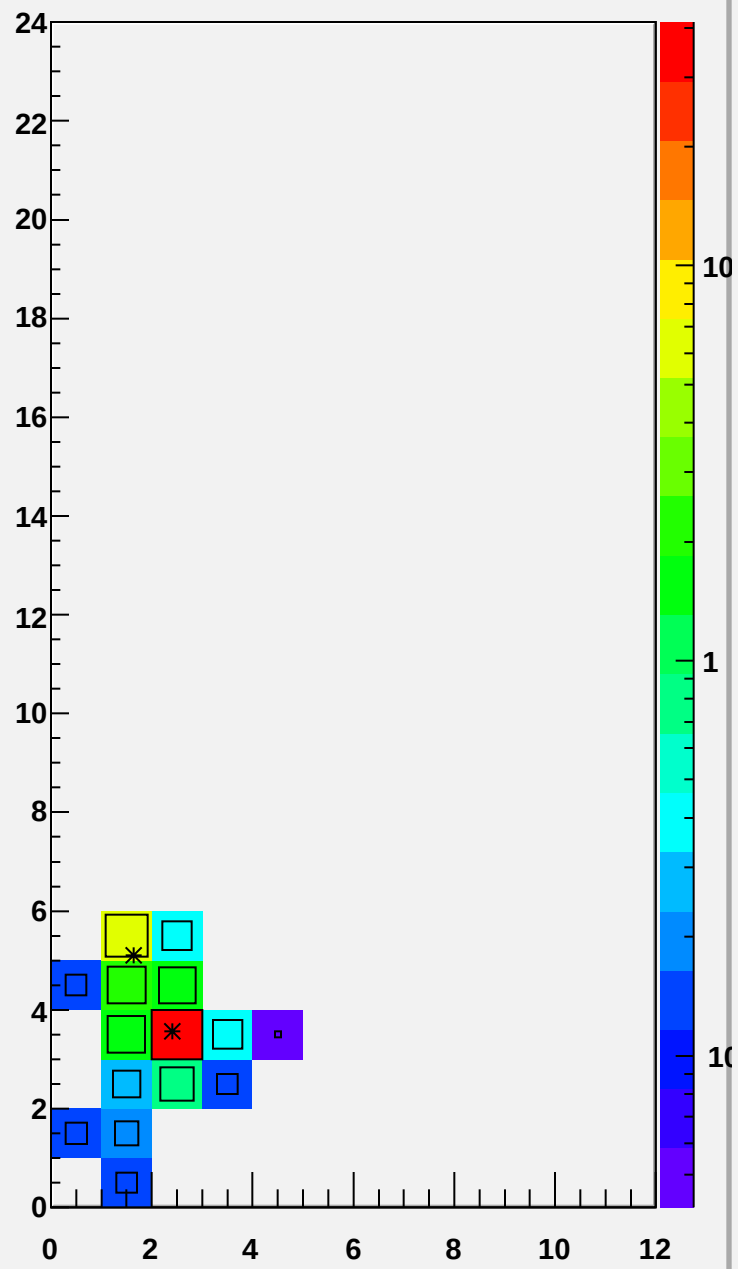
Mean x 1.482

Mean y 9.364

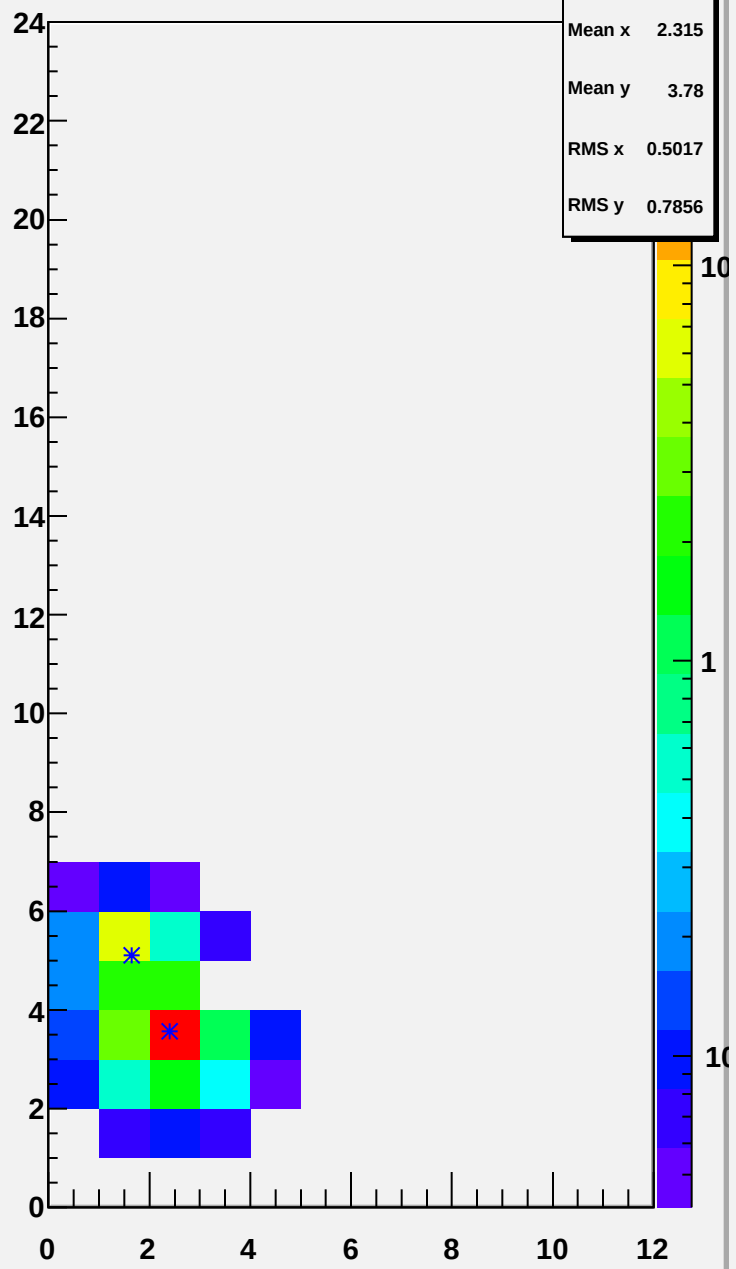
RMS x 1.143

RMS y 6.795

NSTB3_r4_c3_En=55.2_m0=0.200 m1=0.201 index=507



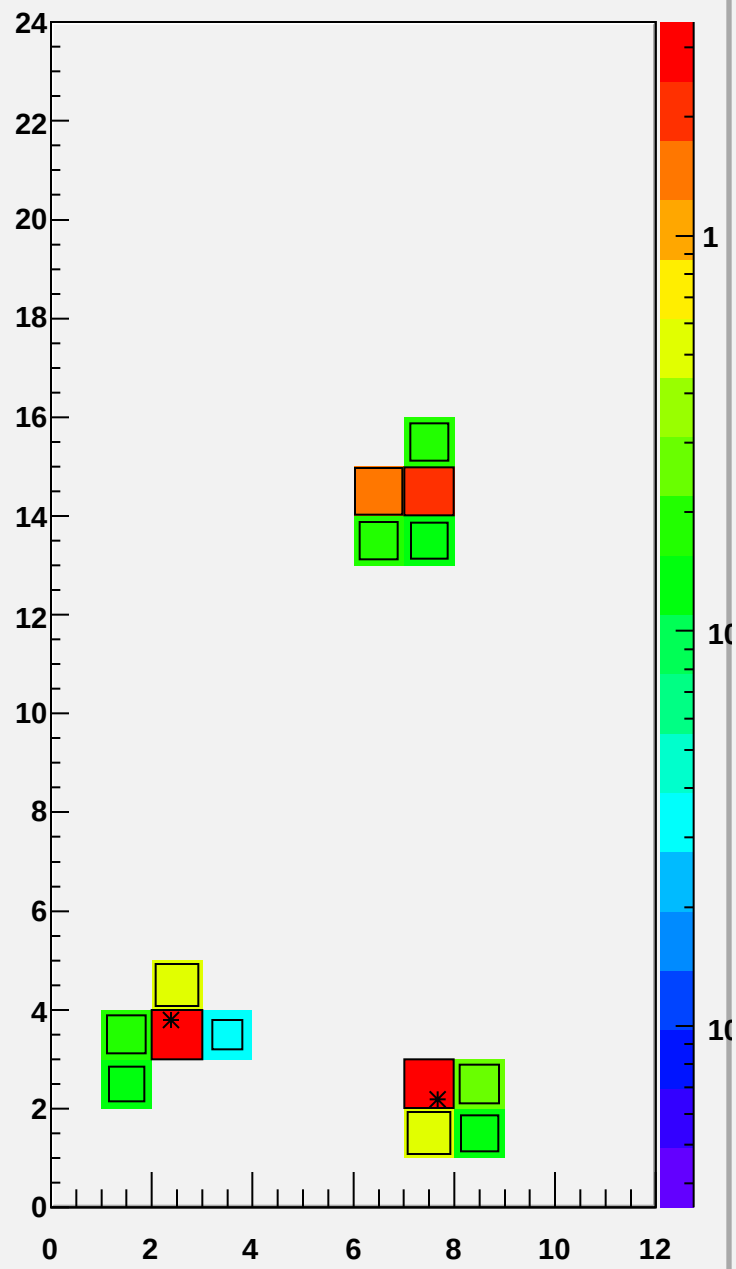
Fitted Energies



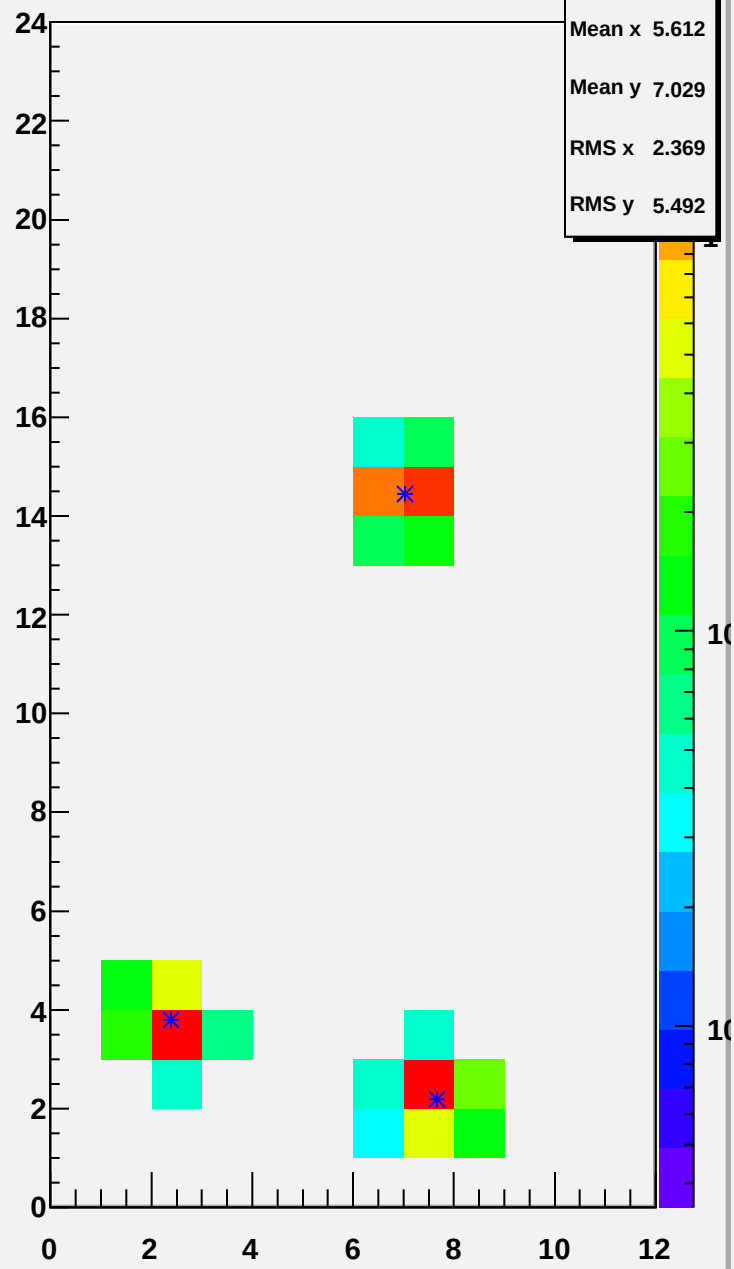
Efit

Entries	288
Mean x	2.315
Mean y	3.78
RMS x	0.5017
RMS y	0.7856

NSTB3_r4_c3_En=12.6_m0=0.130_m1=0.130_index=508



Fitted Energies



Efit

Entries 288

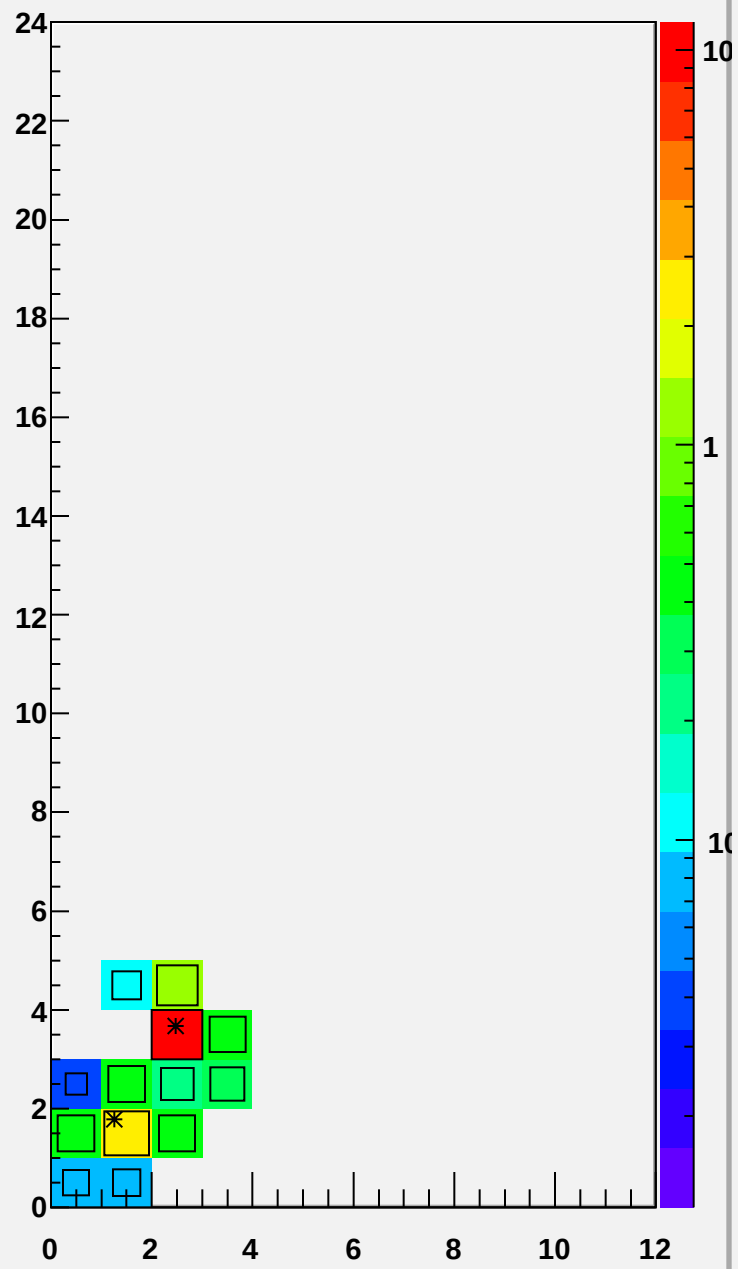
Mean x 5.612

Mean y 7.029

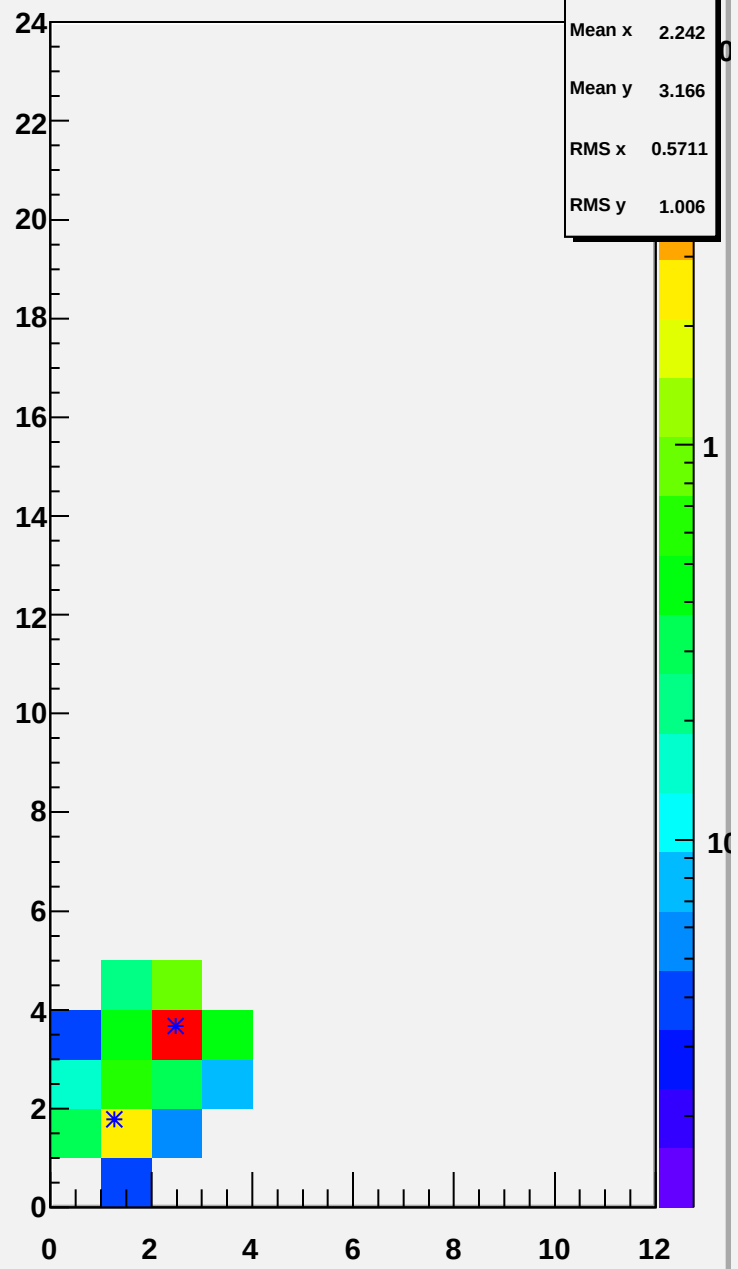
RMS x 2.369

RMS y 5.492

NSTB3_r4_c3_En=18.2_m0=0.096 m1=0.096 index=509



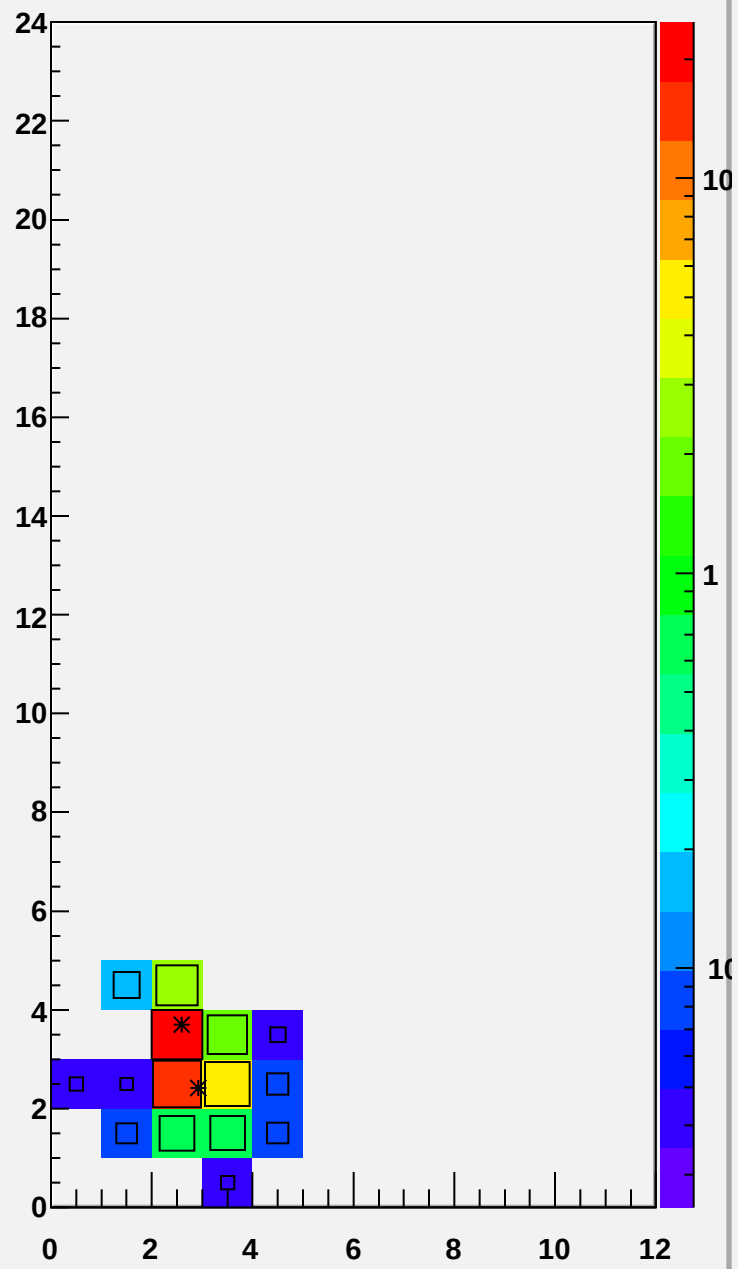
Fitted Energies



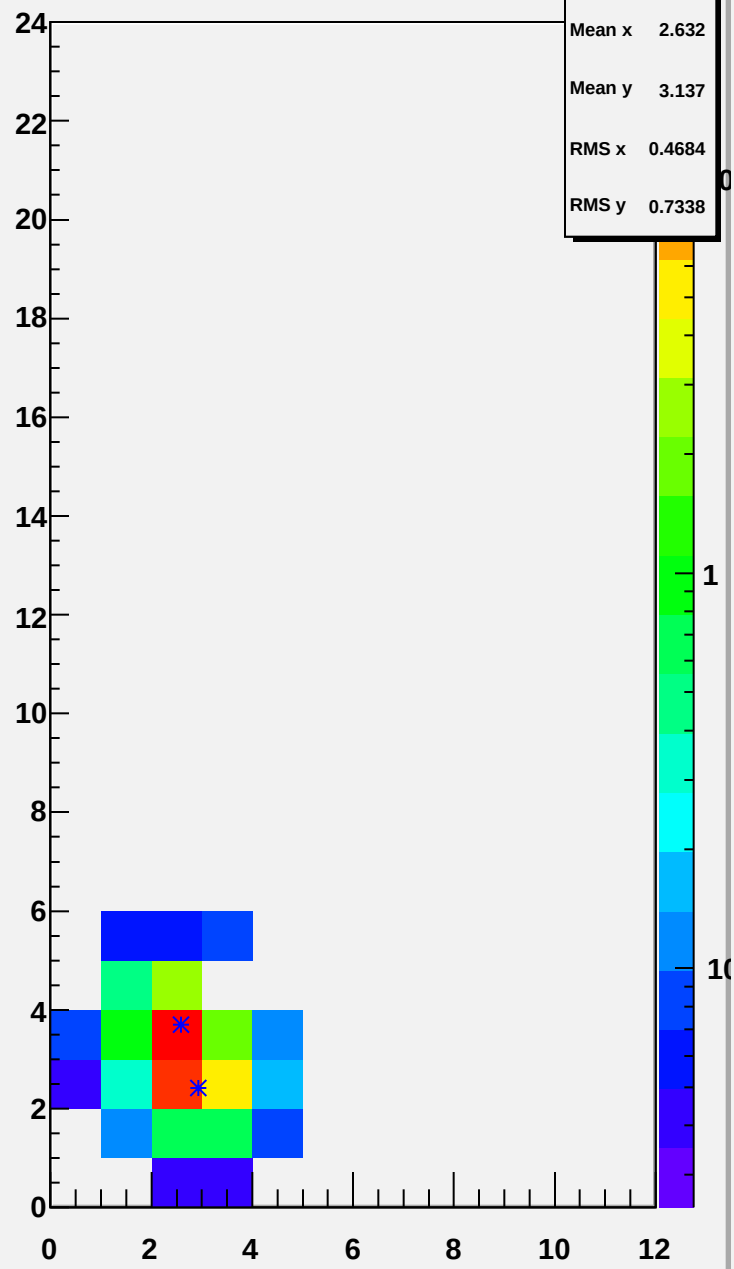
Efit

Entries	288
Mean x	2.242
Mean y	3.166
RMS x	0.5711
RMS y	1.006

NSTB3_r4_c3_En=49.2_m0=0.180 m1=0.180 index=510



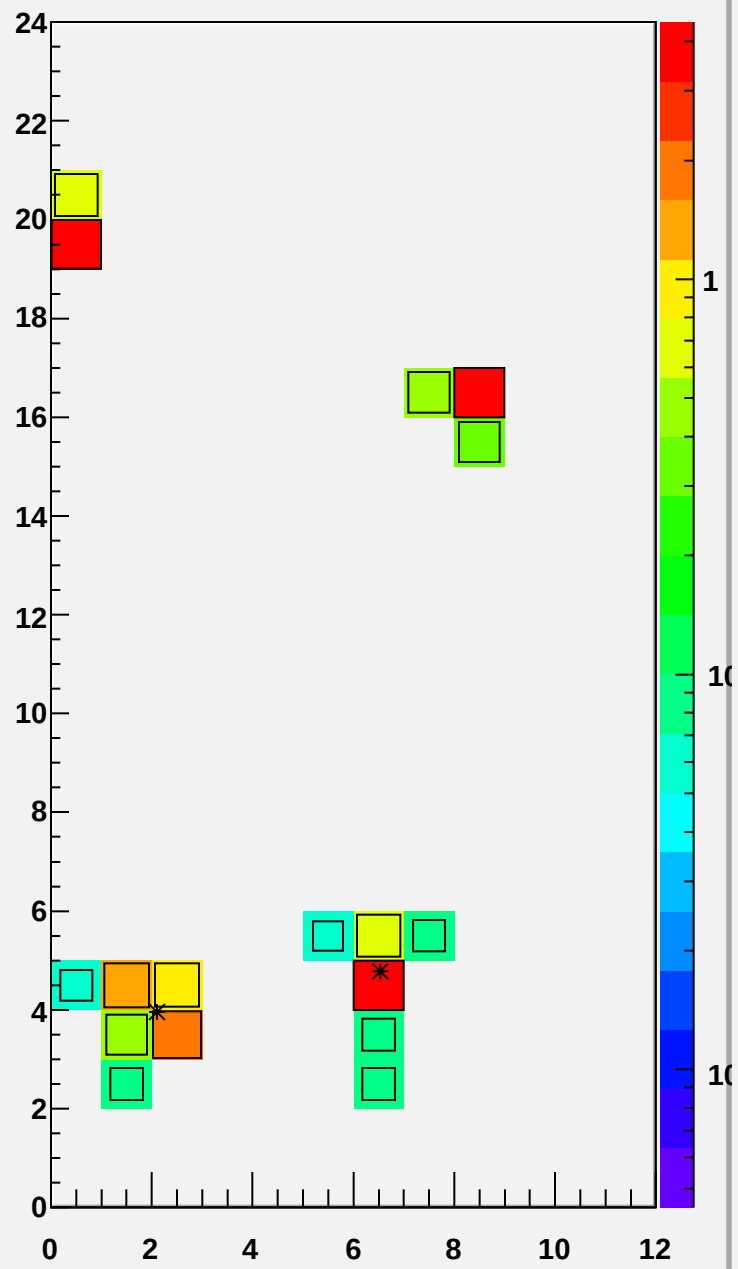
Fitted Energies



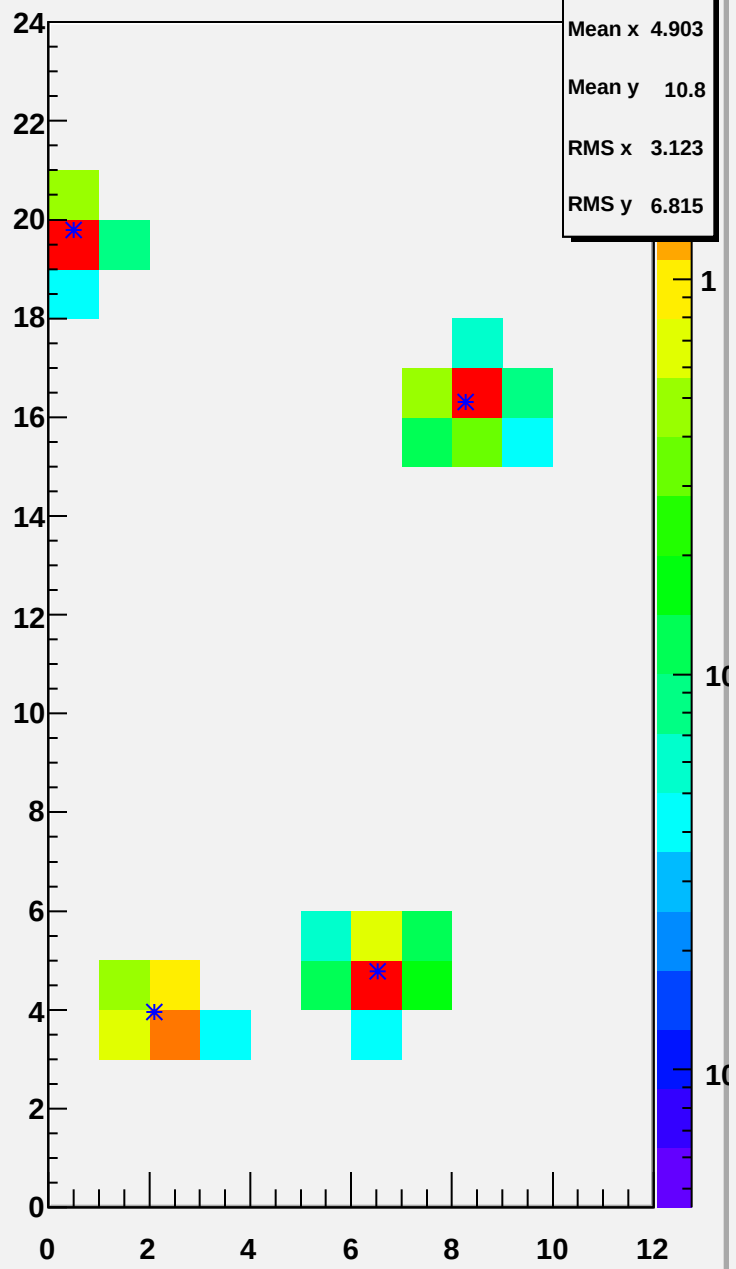
Efit

Entries	288
Mean x	2.632
Mean y	3.137
RMS x	0.4684
RMS y	0.7338

NSTB3_r4_c3_En=19.2_m0=0.127 m1=0.127 index=511



Fitted Energies



Efit

Entries 288

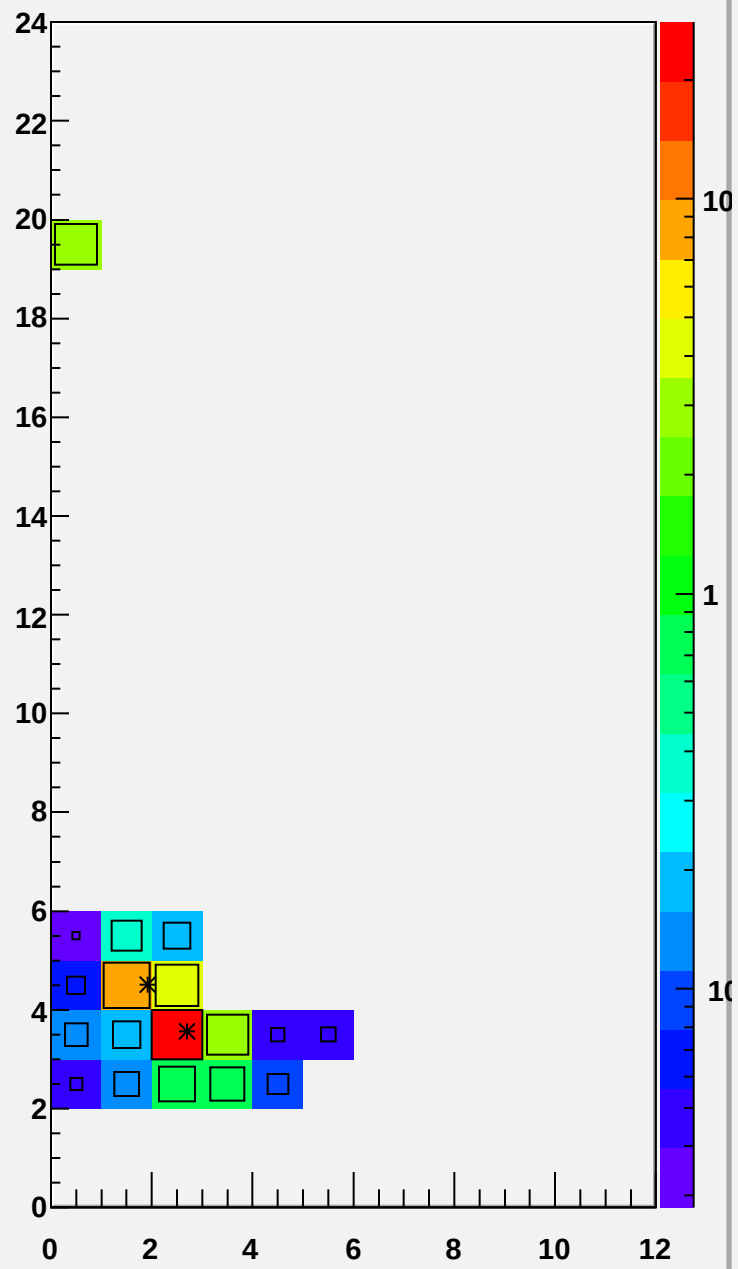
Mean x 4.903

Mean y 10.8

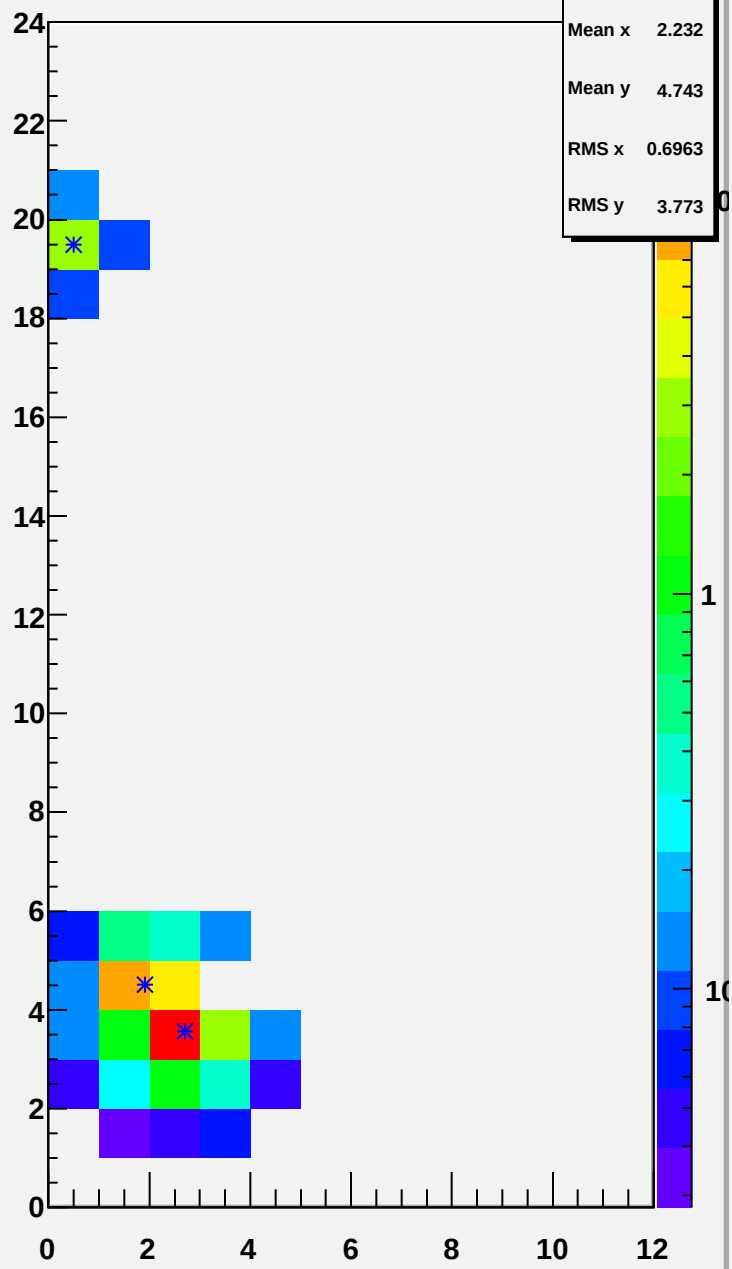
RMS x 3.123

RMS y 6.815

NSTB3_r4_c3_En=49.9_m0=0.153 m1=0.153 index=512



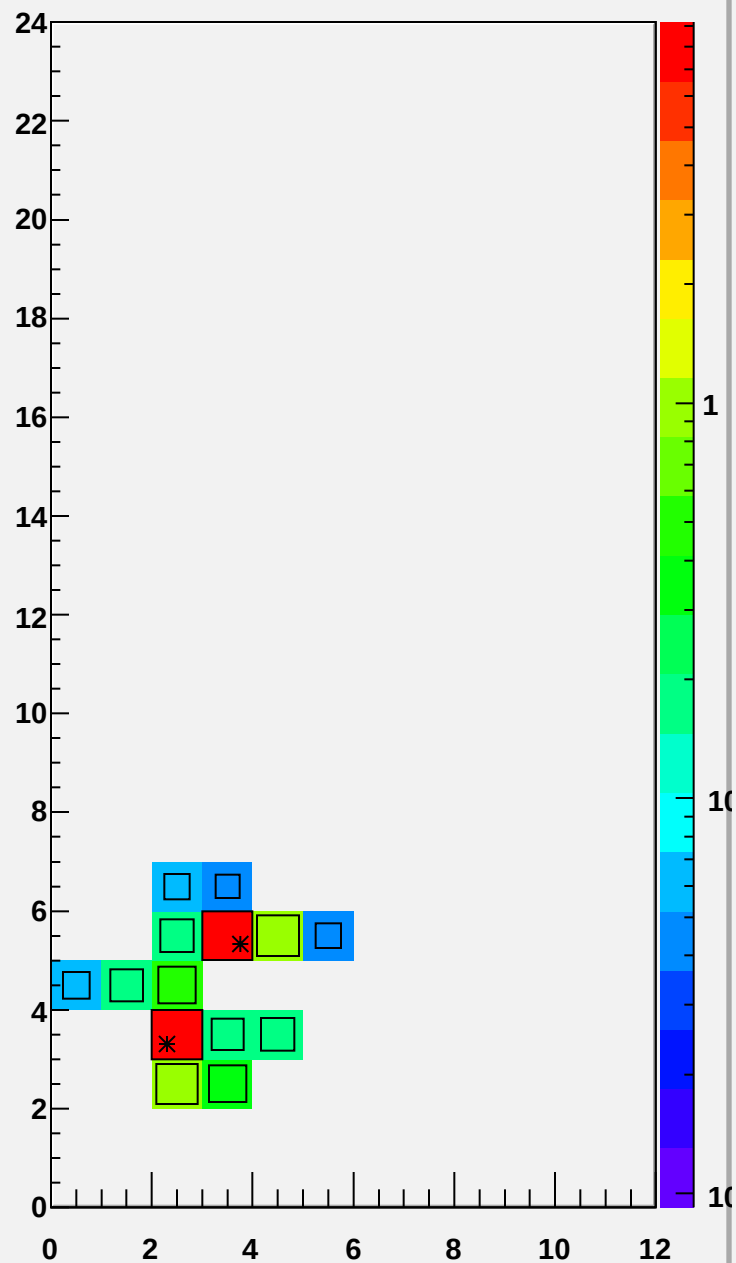
Fitted Energies



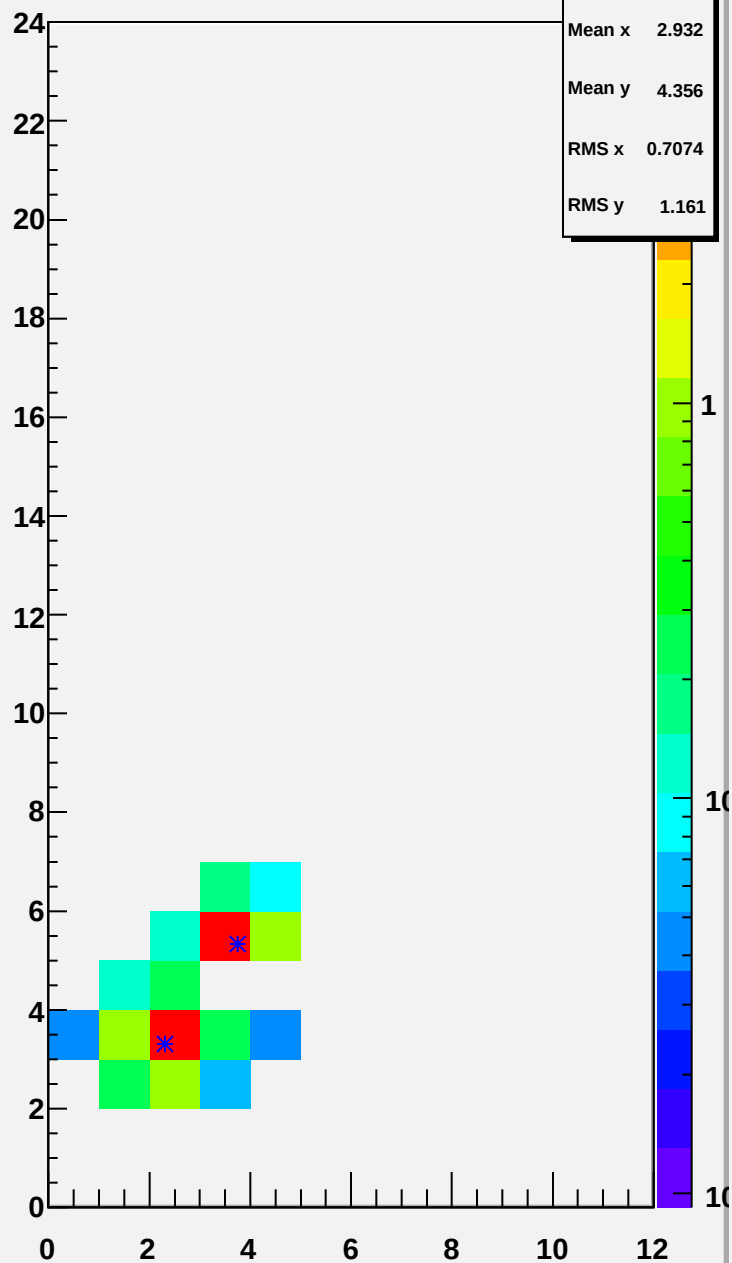
Efit

Entries	288
Mean x	2.232
Mean y	4.743
RMS x	0.6963
RMS y	3.773

NSTB3_r4_c3_En=20.8_m0=0.152 m1=0.152 index=513



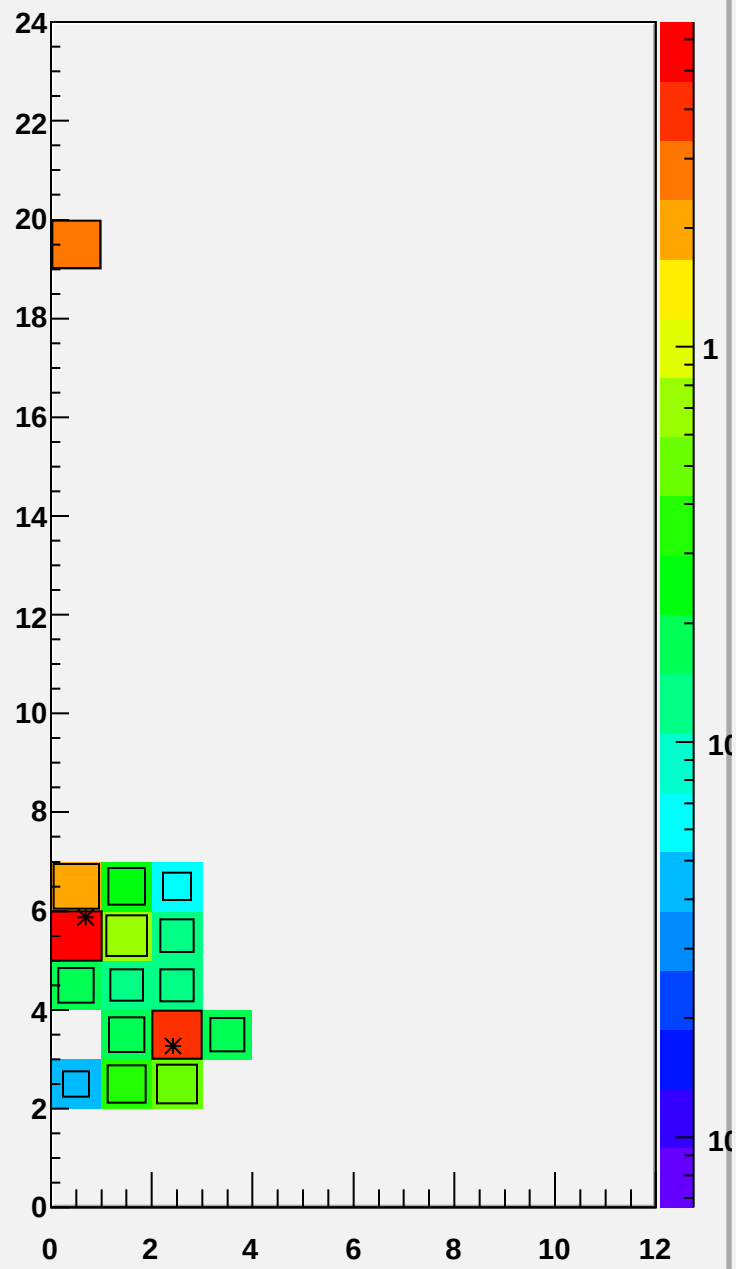
Fitted Energies



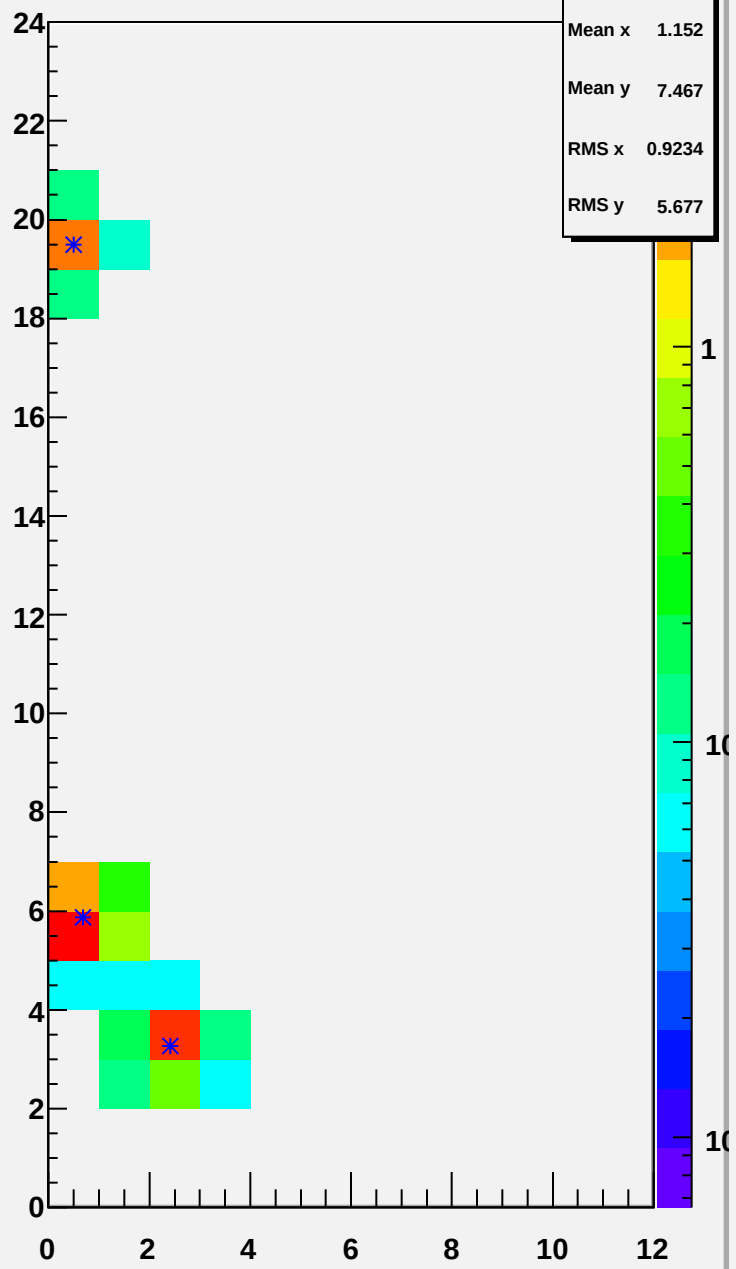
Efit

Entries	288
Mean x	2.932
Mean y	4.356
RMS x	0.7074
RMS y	1.161

NSTB3_r4_c3_En=18.8_m0=0.129_m1=0.129_index=514



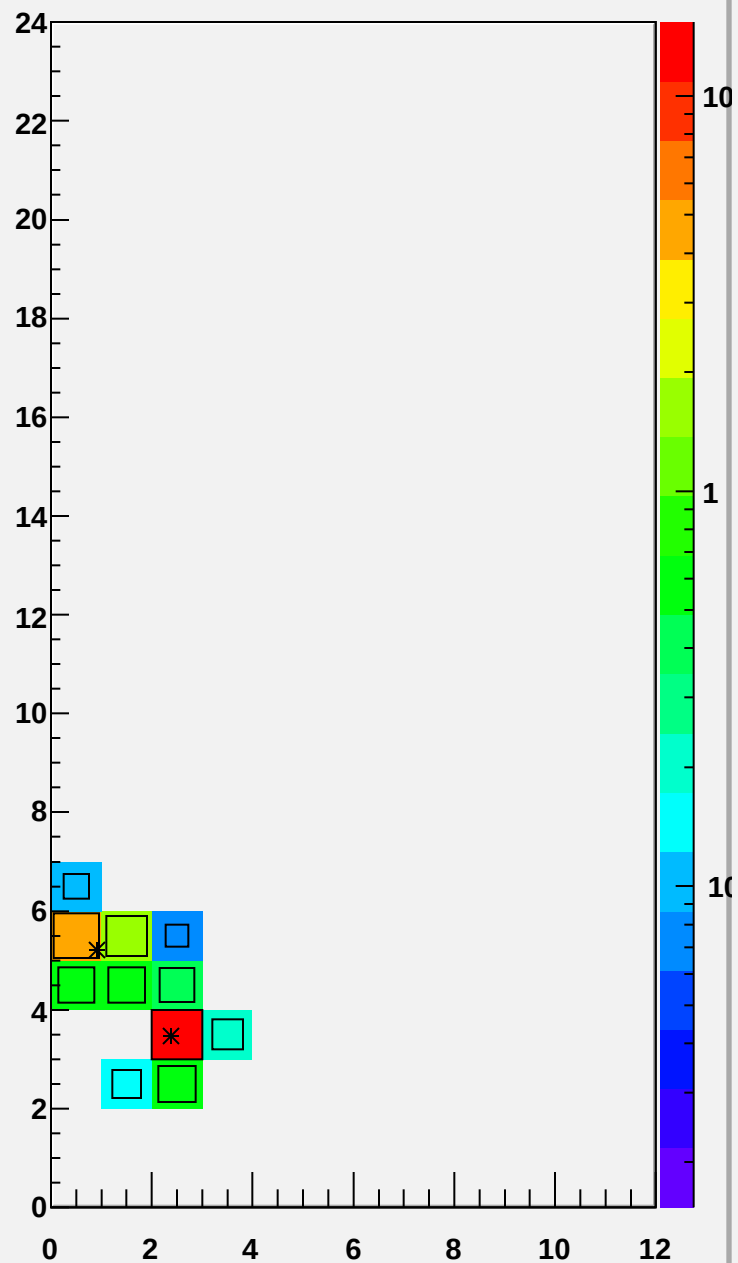
Fitted Energies



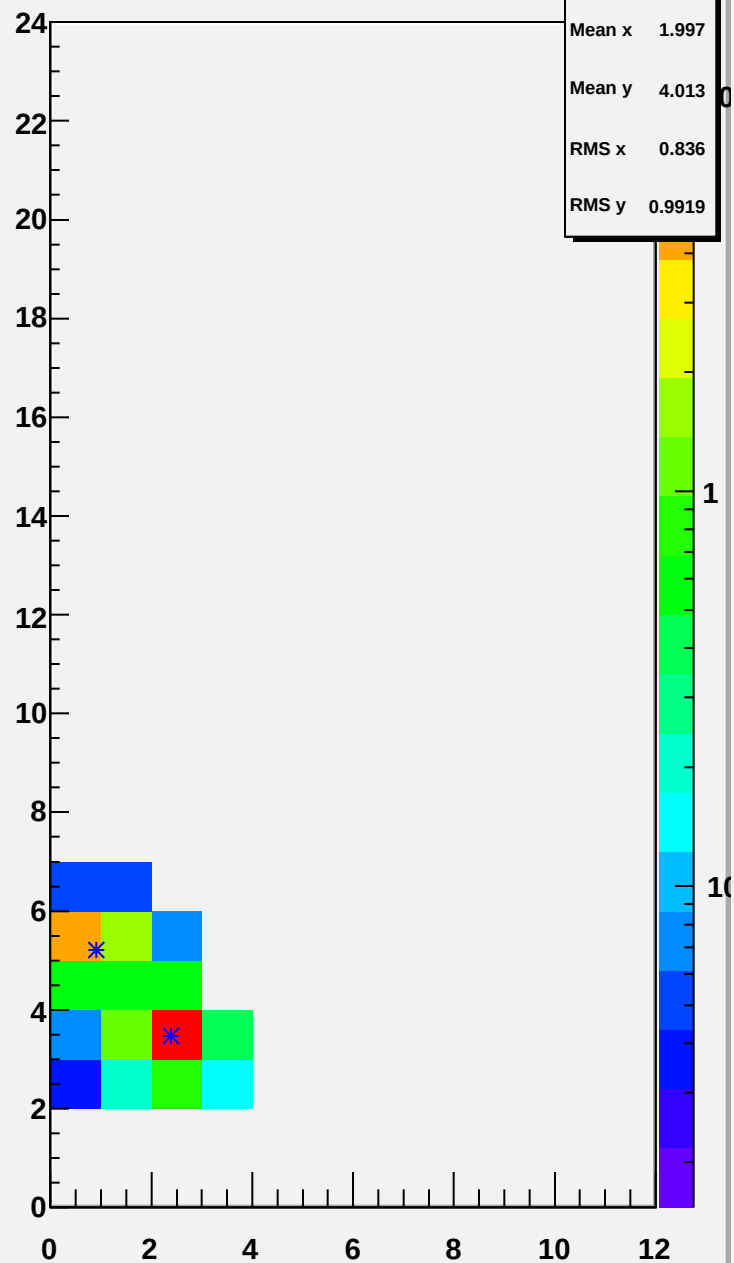
Efit

Entries	288
Mean x	1.152
Mean y	7.467
RMS x	0.9234
RMS y	5.677

NSTB3_r4_c3_En=23.7_m0=0.144 m1=0.144 index=515



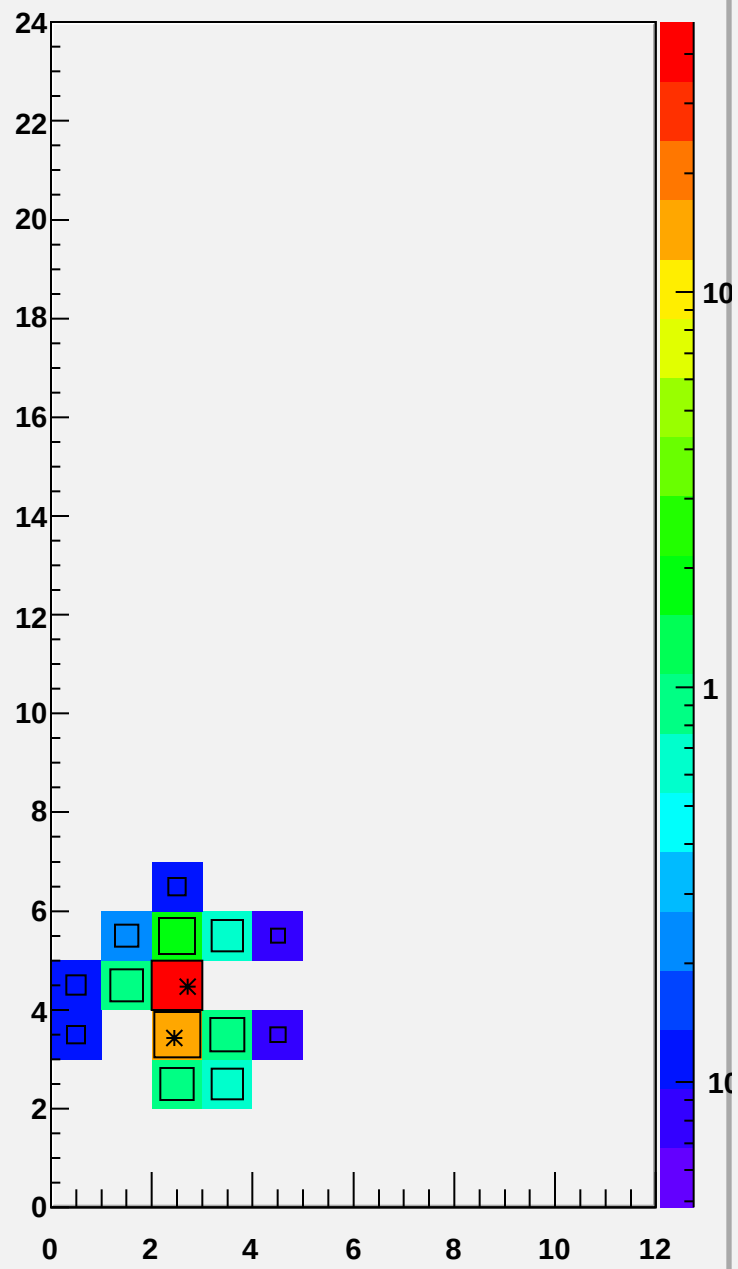
Fitted Energies



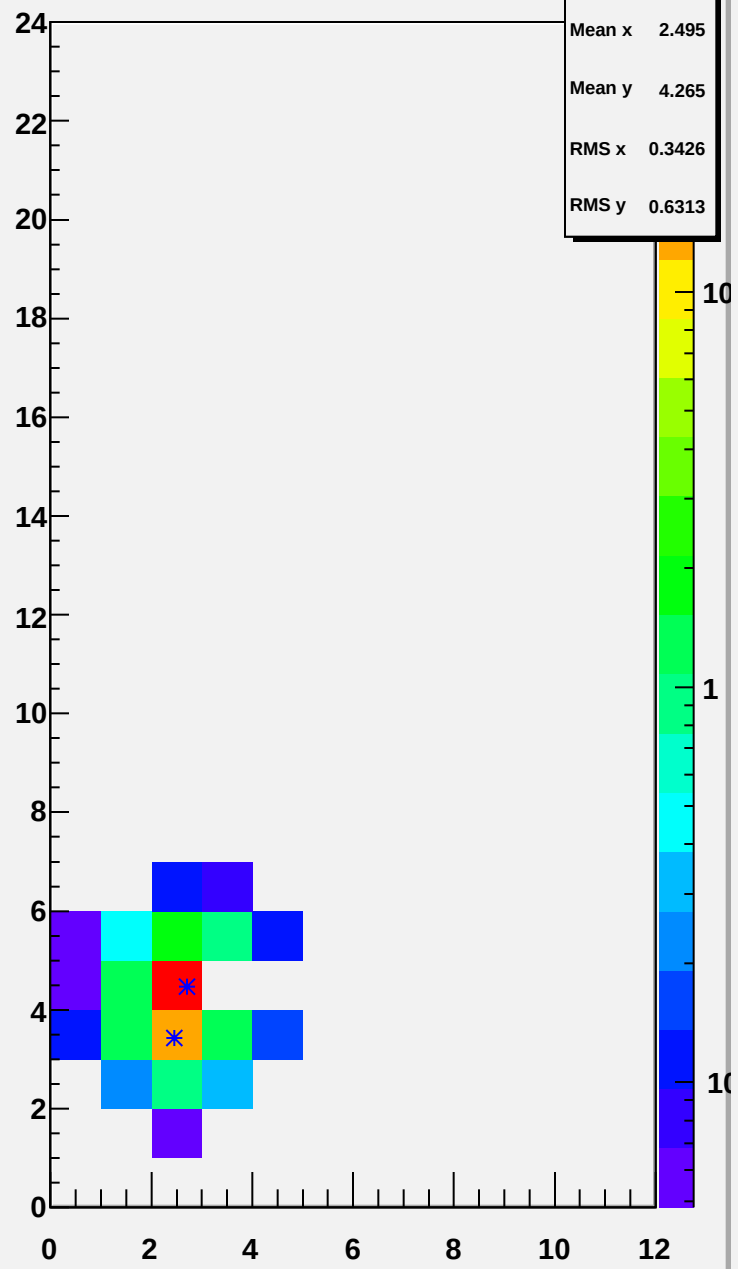
Efit

Entries	288
Mean x	1.997
Mean y	4.013
RMS x	0.836
RMS y	0.9919

NSTB3_r4_c3_En=70.6_m0=0.183 m1=0.183 index=516



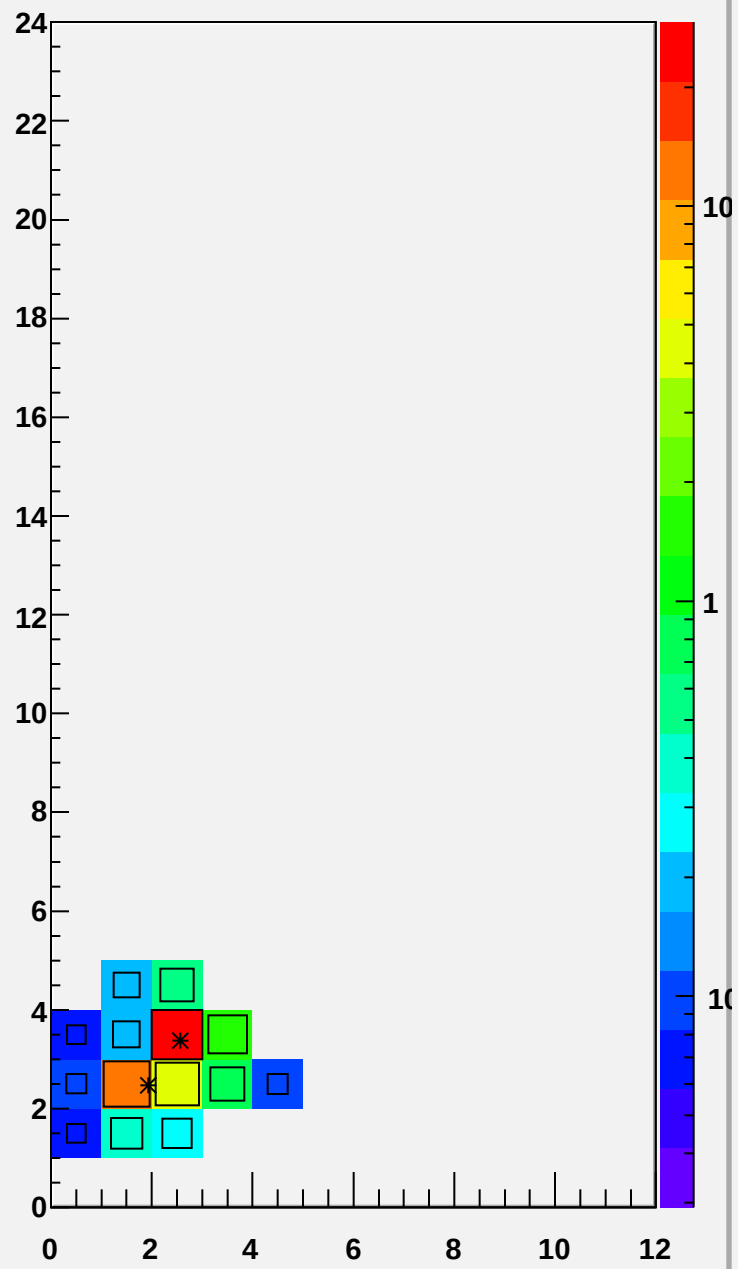
Fitted Energies



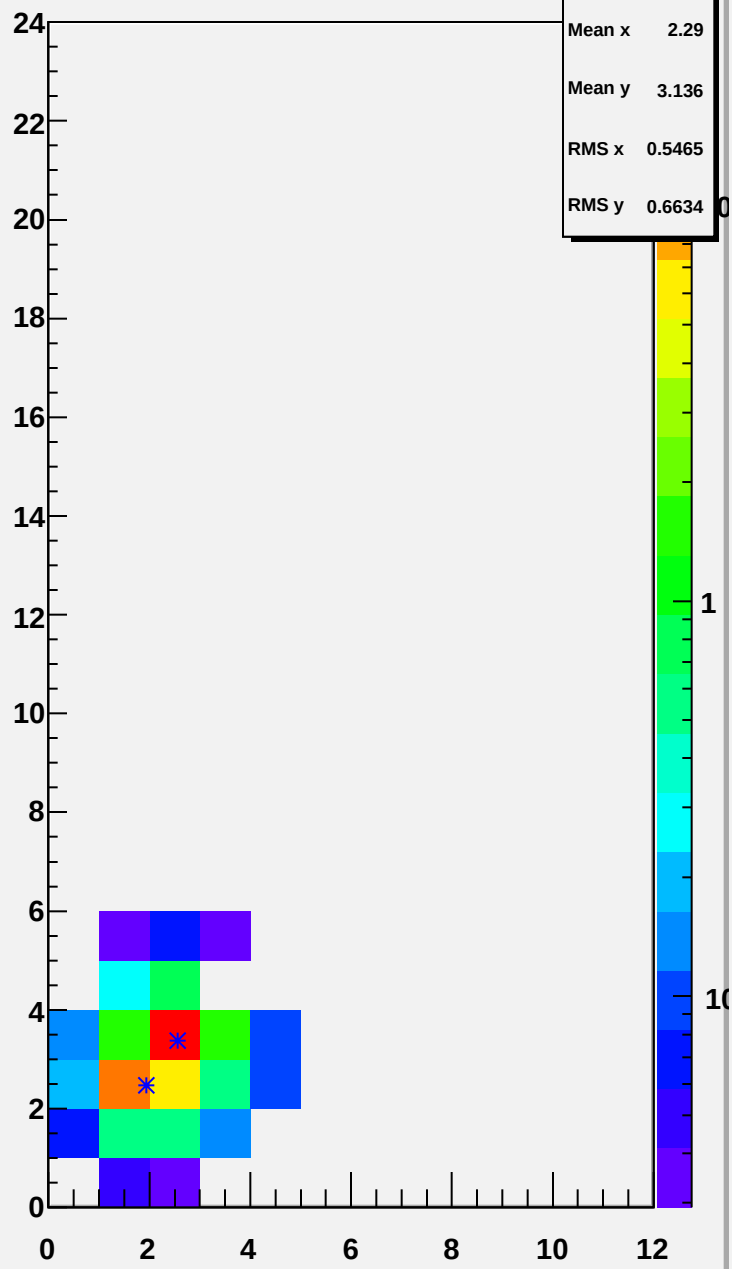
Efit

Entries	288
Mean x	2.495
Mean y	4.265
RMS x	0.3426
RMS y	0.6313

NSTB3_r4_c3_En=49.1_m0=0.151_m1=0.151_index=518



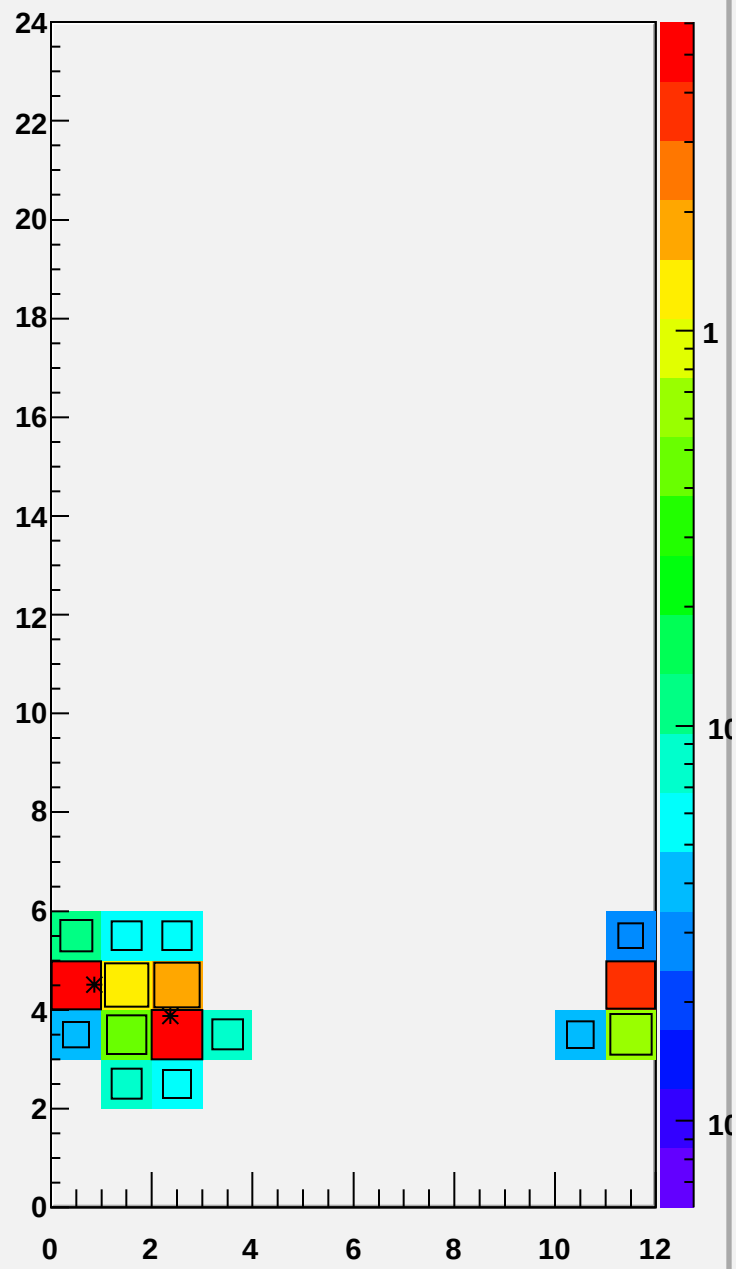
Fitted Energies



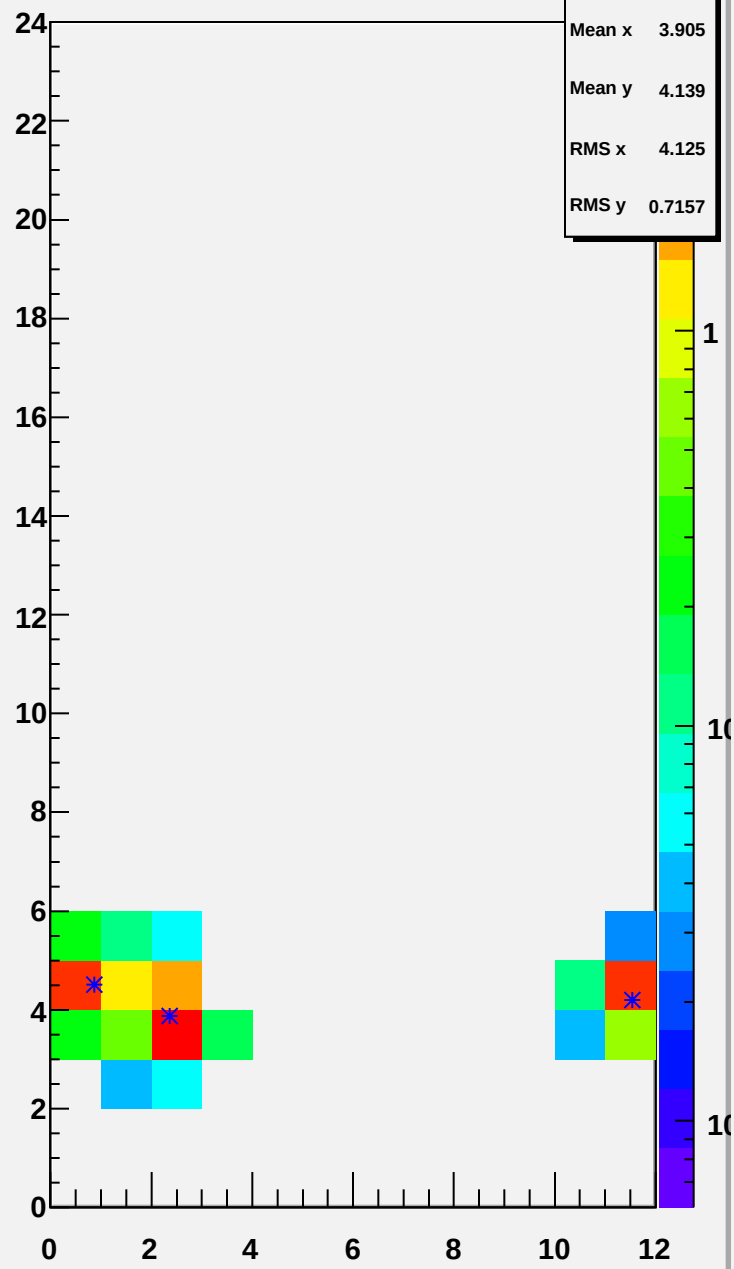
Efit

Entries	288
Mean x	2.29
Mean y	3.136
RMS x	0.5465
RMS y	0.6634

NSTB3_r4_c3_En=18.2_m0=0.066 m1=0.066 index=519



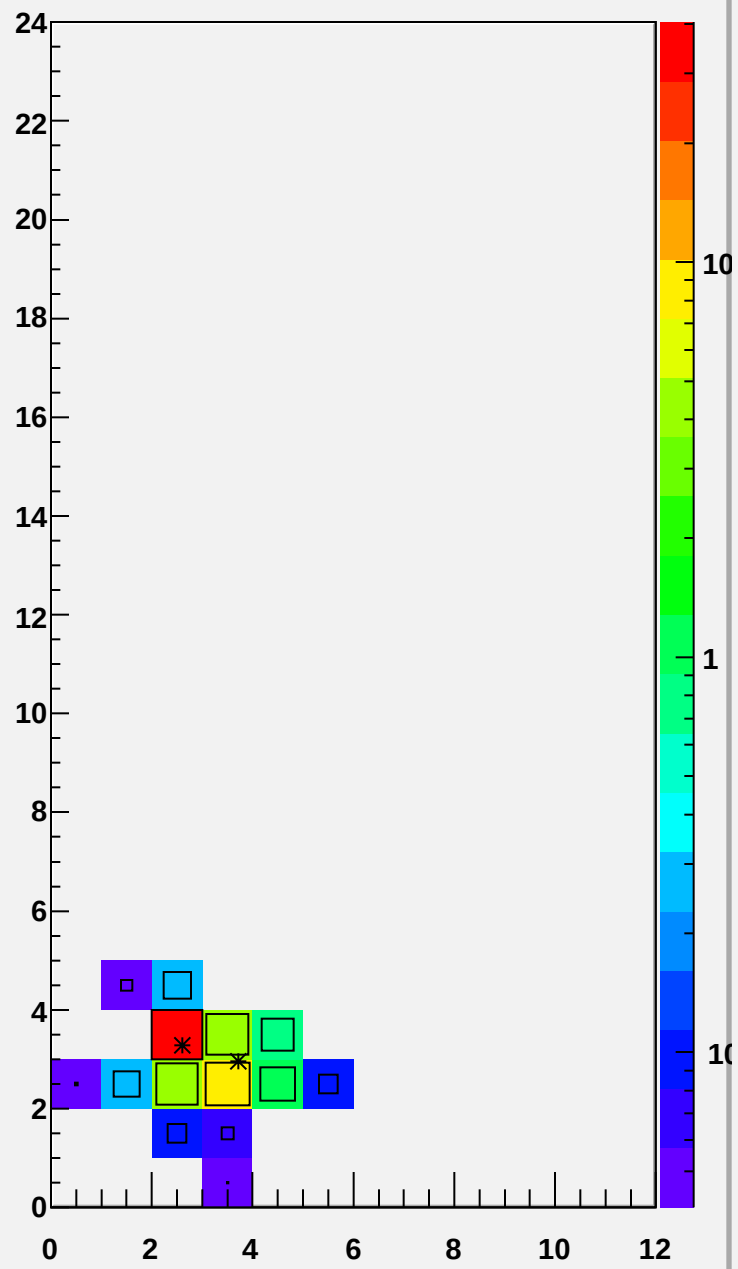
Fitted Energies



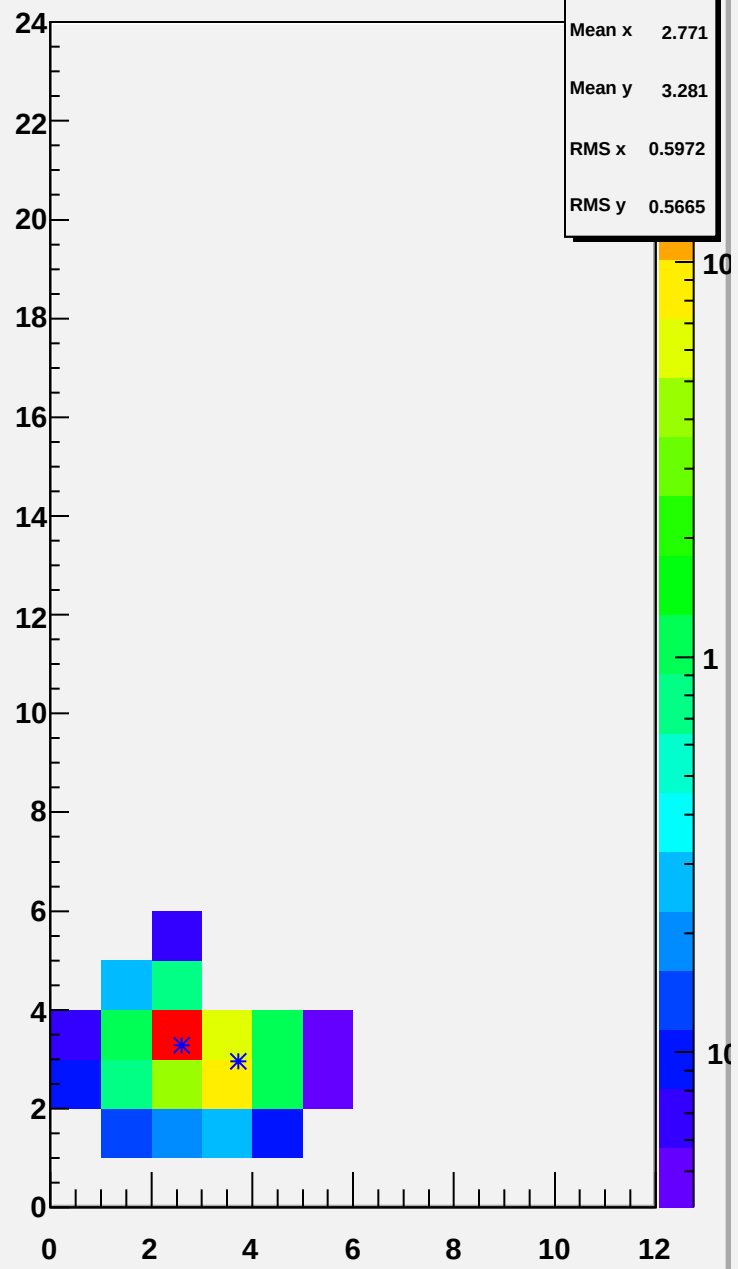
Efit

Entries	288
Mean x	3.905
Mean y	4.139
RMS x	4.125
RMS y	0.7157

NSTB3_r4_c3_En=60.2_m0=0.176 m1=0.176 index=521



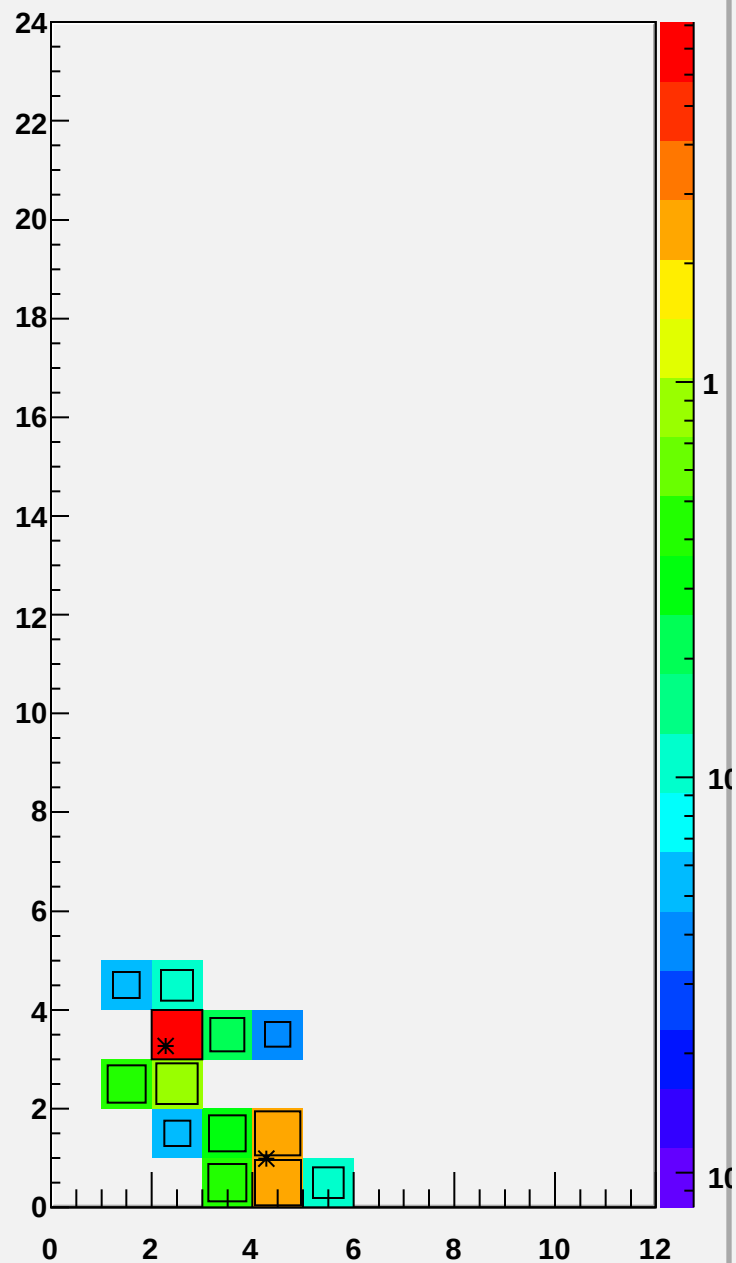
Fitted Energies



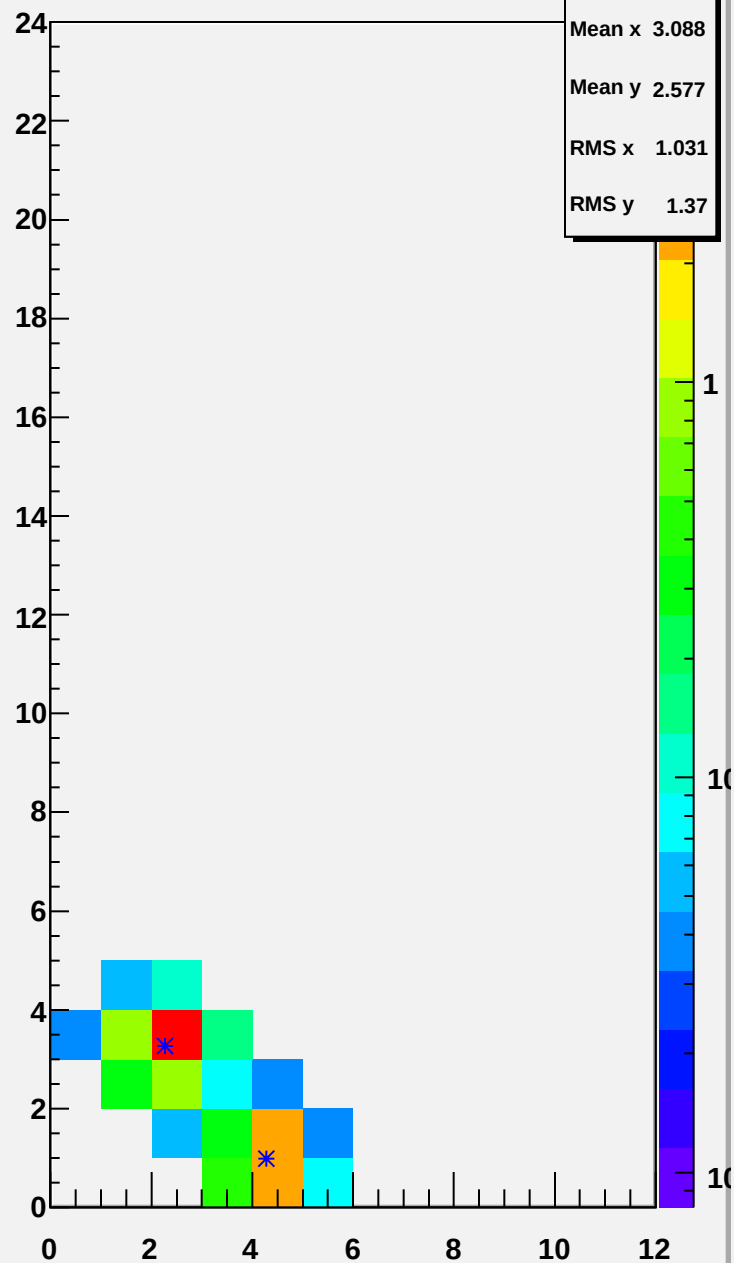
Efit

Entries	288
Mean x	2.771
Mean y	3.281
RMS x	0.5972
RMS y	0.5665

NSTB3_r4_c3_En=15.6_m0=0.135_m1=0.135_index=522



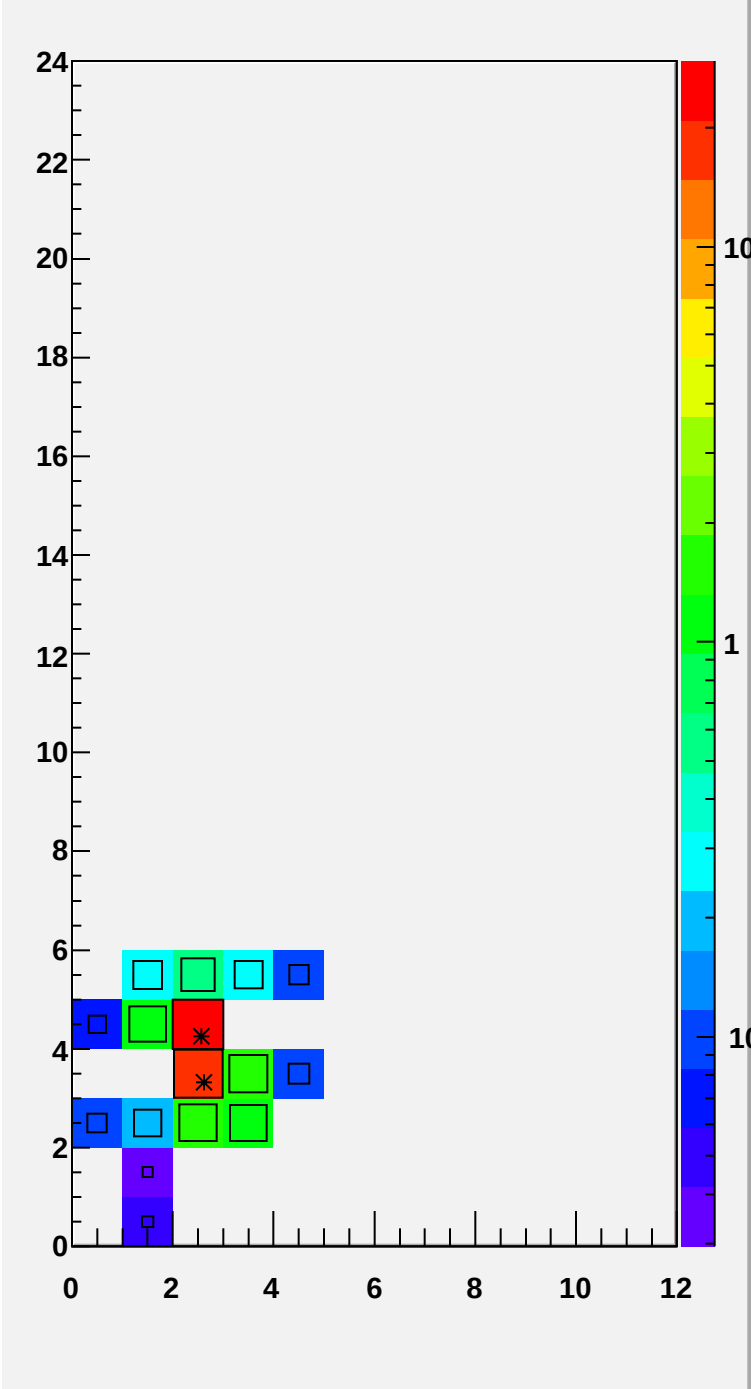
Fitted Energies



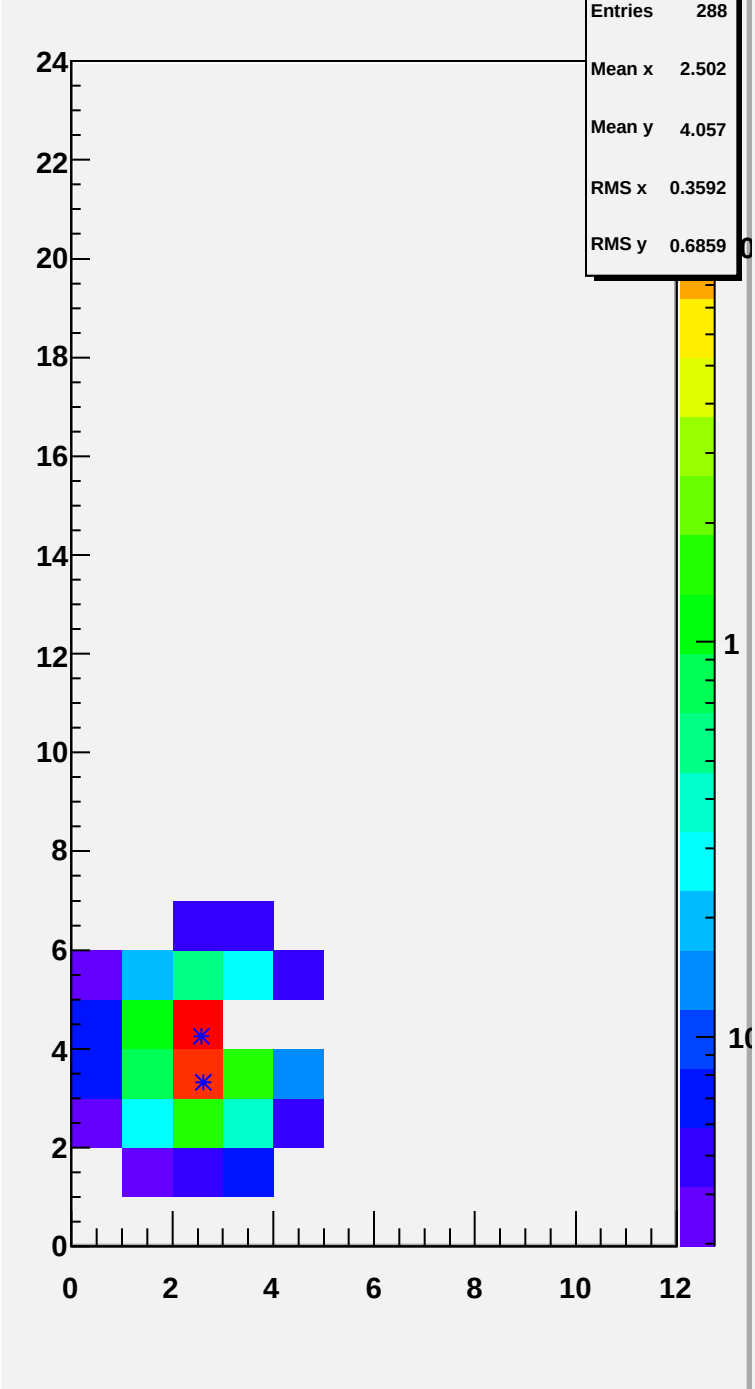
Efit

Entries 288
Mean x 3.088
Mean y 2.577
RMS x 1.031
RMS y 1.37

NSTB3_r4_c3_En=55.1_m0=0.137 m1=0.137 index=523



Fitted Energies



Efit

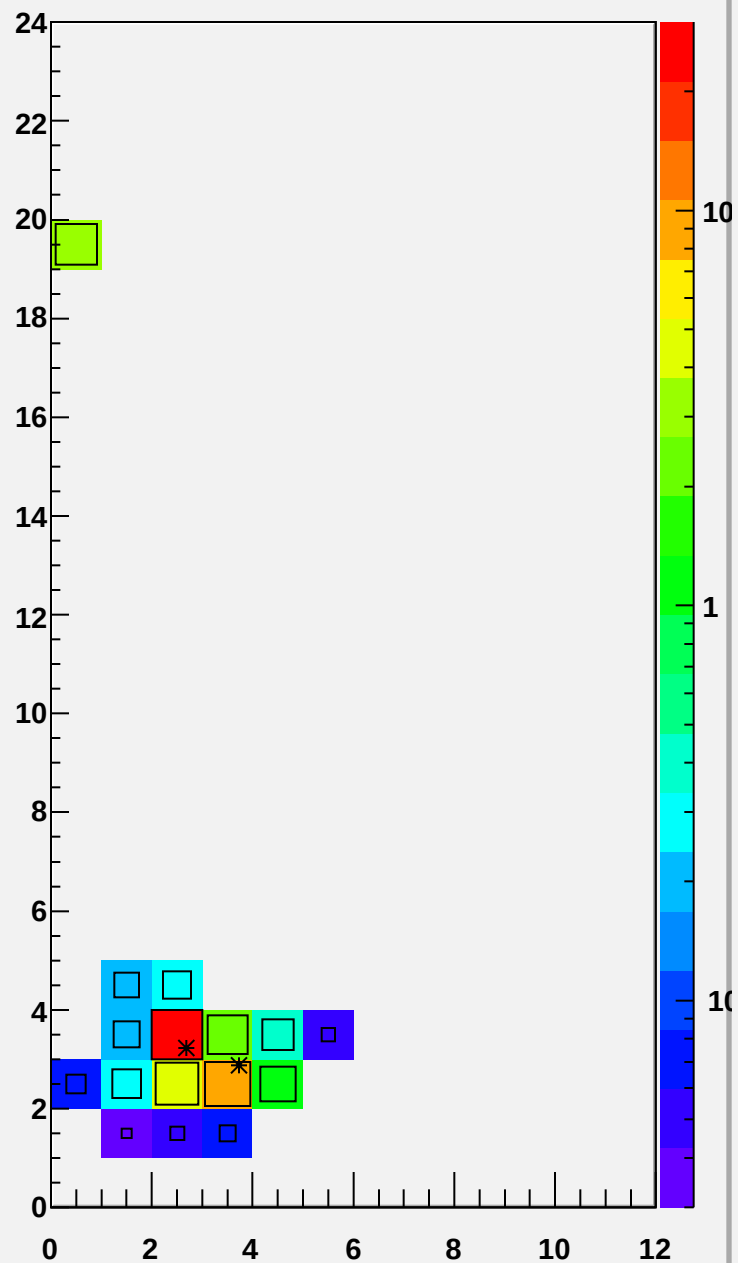
Entries	288

Mean = 2.502

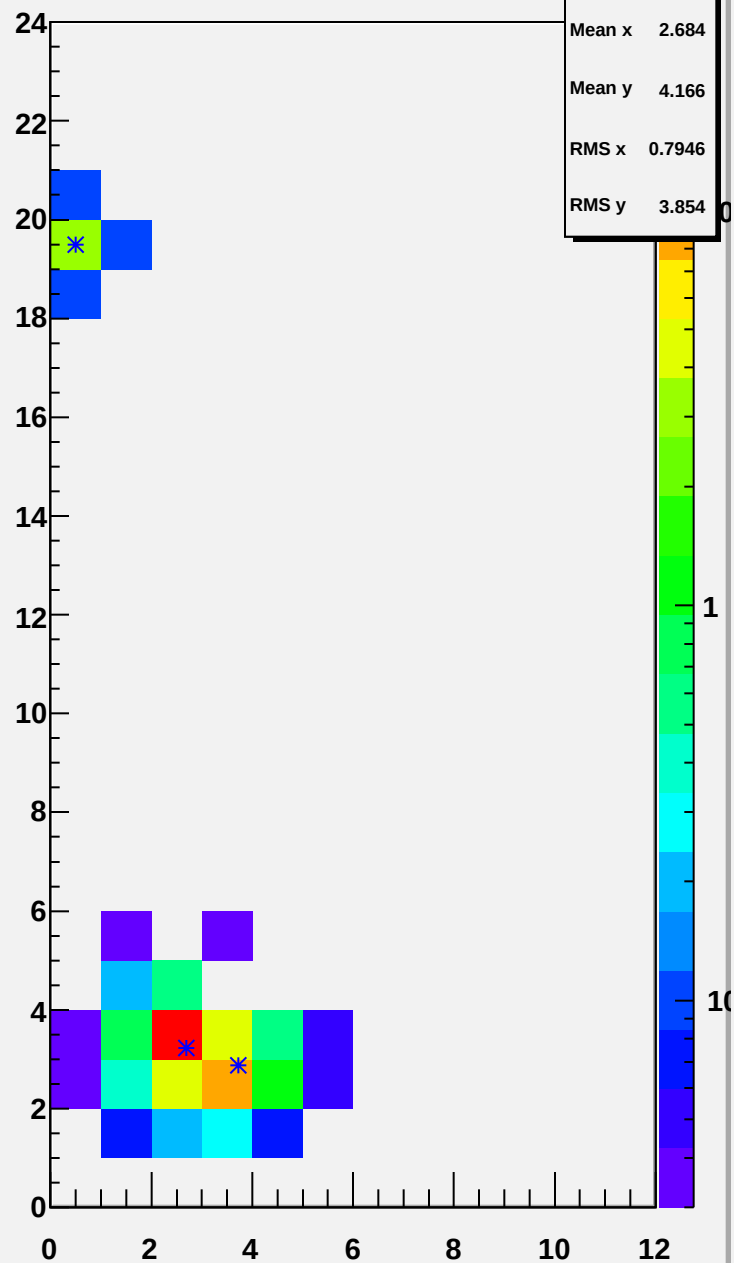
Mean x	2.502

Mean ν 4.057mean y 4.051

NSTB3_r4_c3_En=50.4_m0=0.130_m1=0.131_index=524



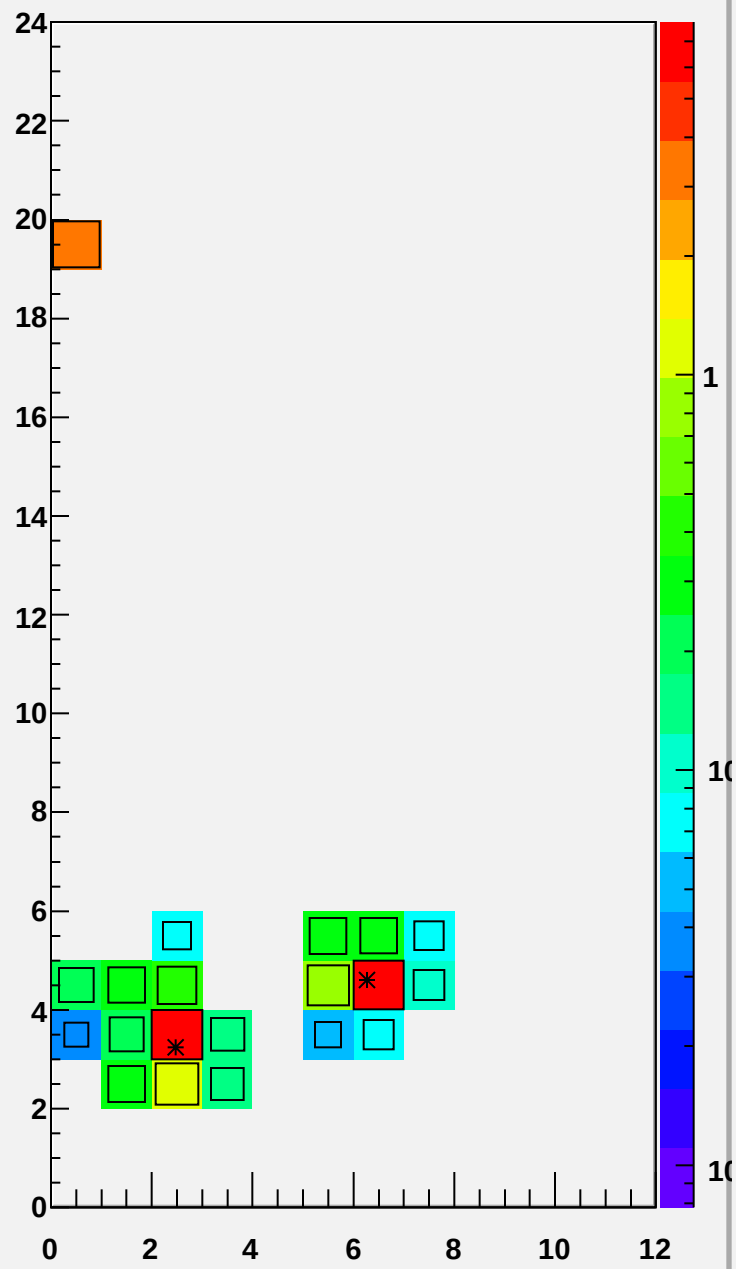
Fitted Energies



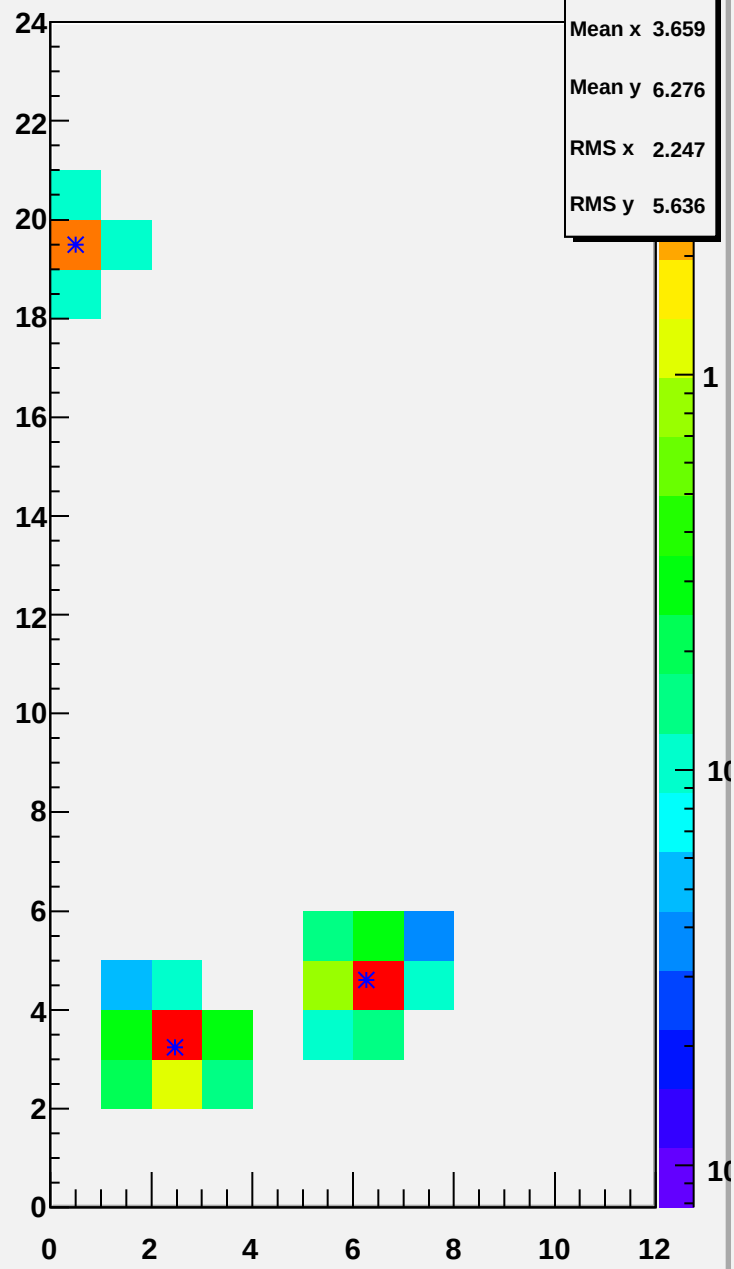
Efit

Entries	288
Mean x	2.684
Mean y	4.166
RMS x	0.7946
RMS y	3.854

NSTB3_r4_c3_En=21.9_m0=0.200 m1=0.200 index=525



Fitted Energies



Efit

Entries 288

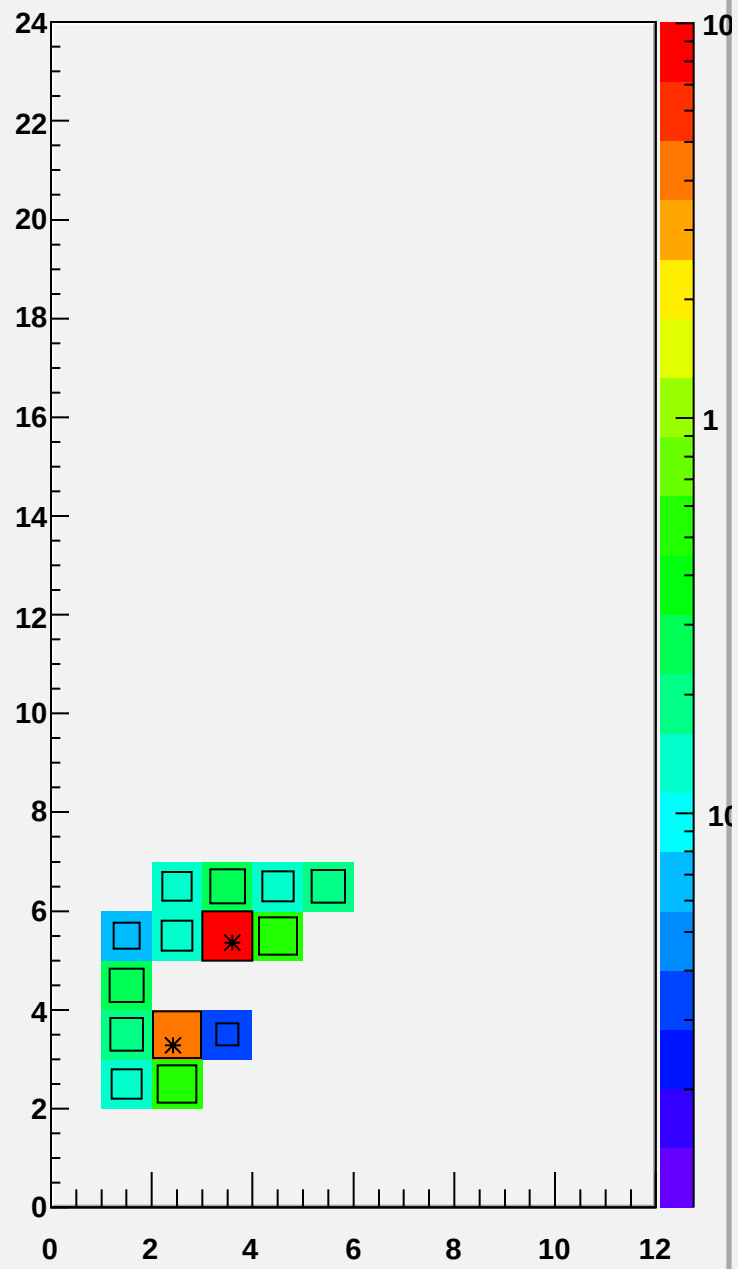
Mean x 3.659

Mean y 6.276

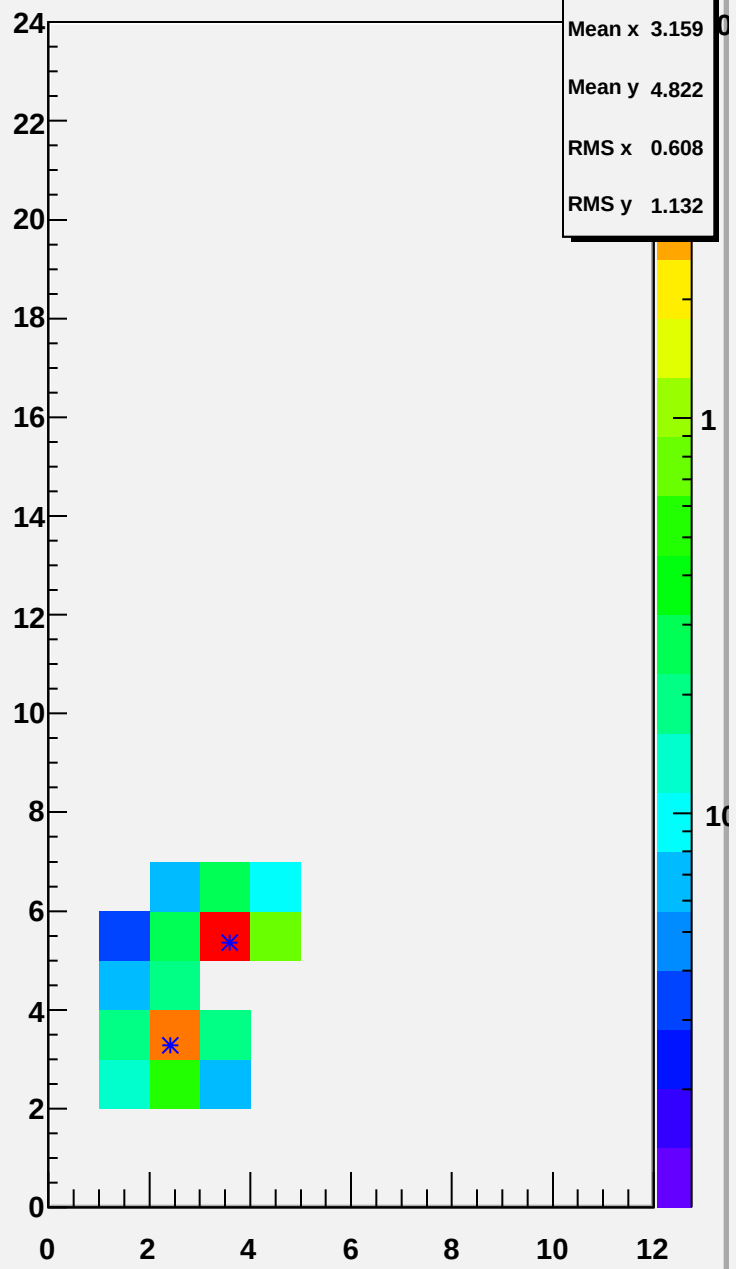
RMS x 2.247

RMS y 5.636

NSTB3_r4_c3_En=17.5_m0=0.116 m1=0.116 index=526



Fitted Energies



Efit

Entries 288

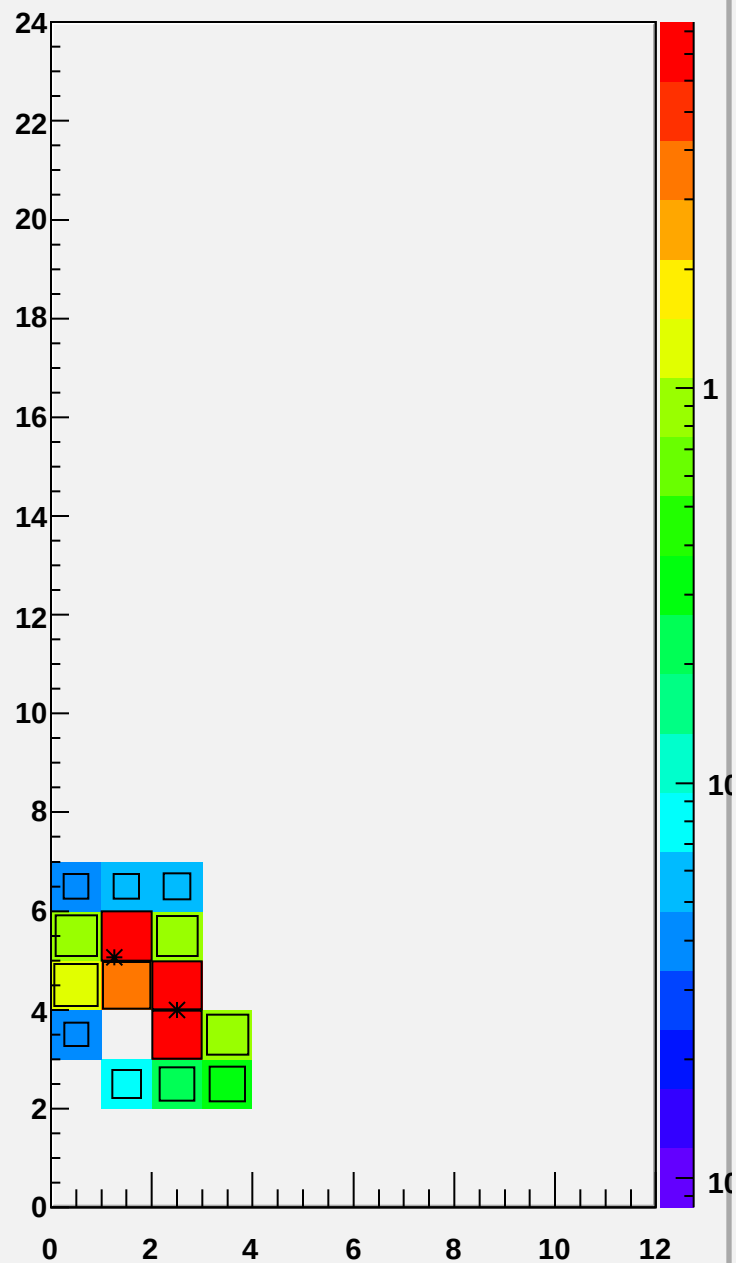
Mean x 3.159

Mean y 4.822

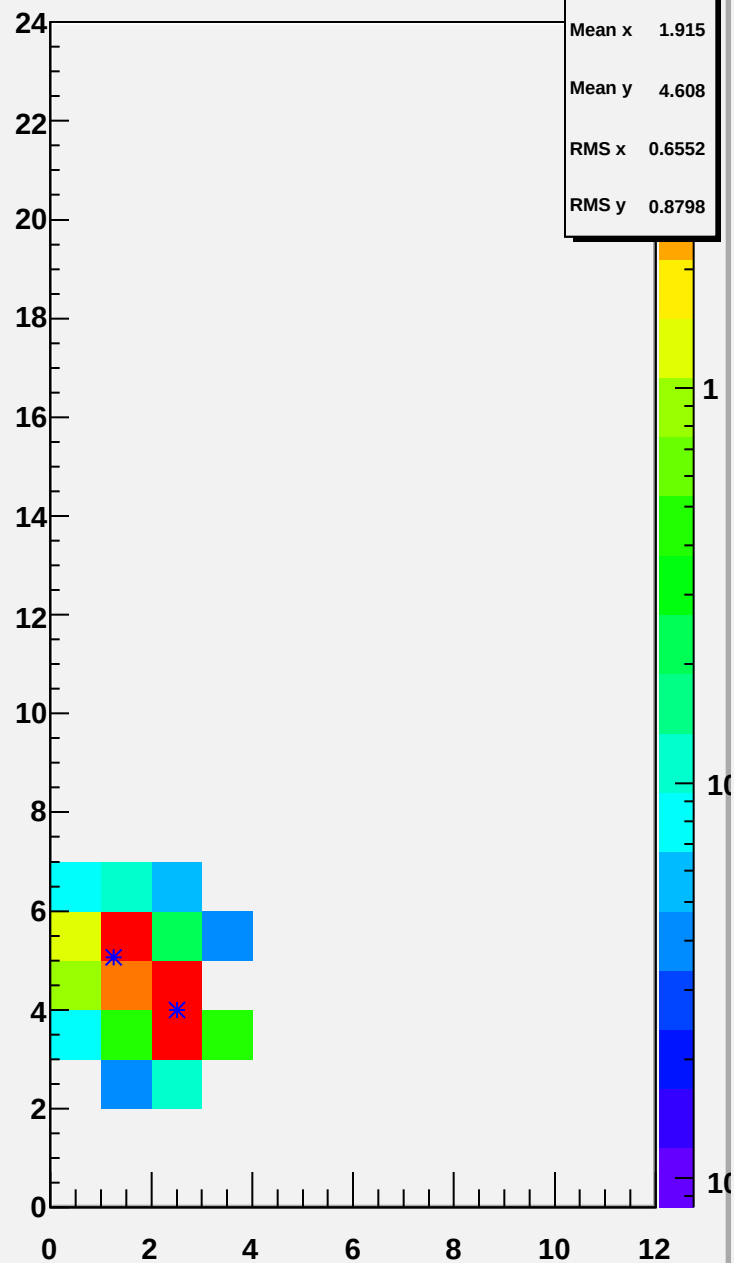
RMS x 0.608

RMS y 1.132

NSTB3_r4_c3_En=29.5_m0=0.135_m1=0.135_index=527



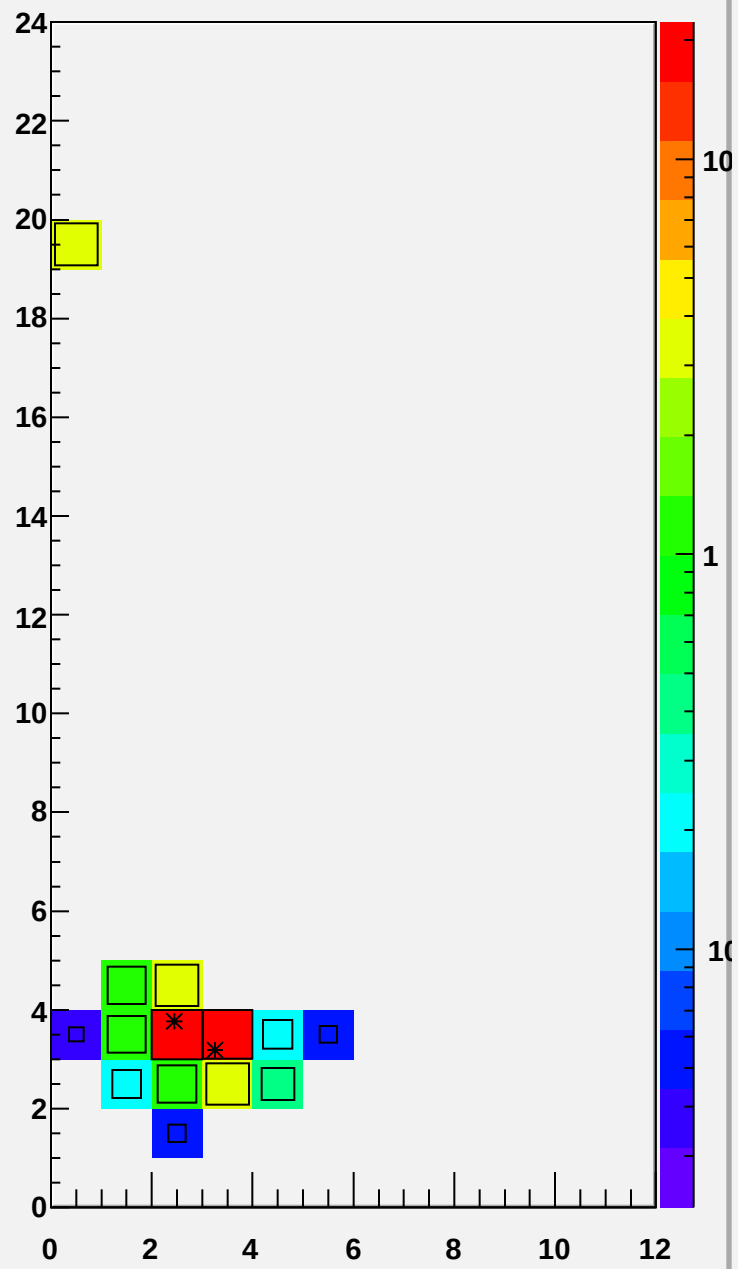
Fitted Energies



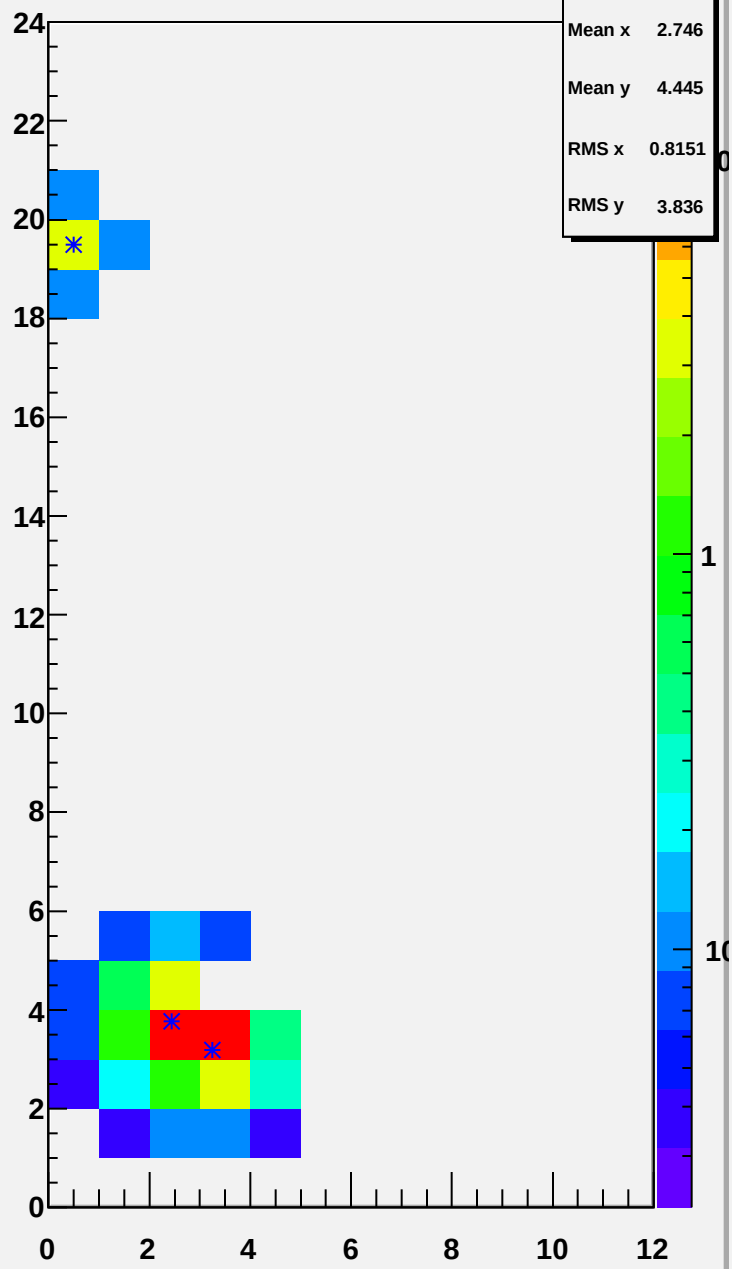
Efit

Entries	288
Mean x	1.915
Mean y	4.608
RMS x	0.6552
RMS y	0.8798

NSTB3_r4_c3_En=53.1_m0=0.136_m1=0.136_index=528



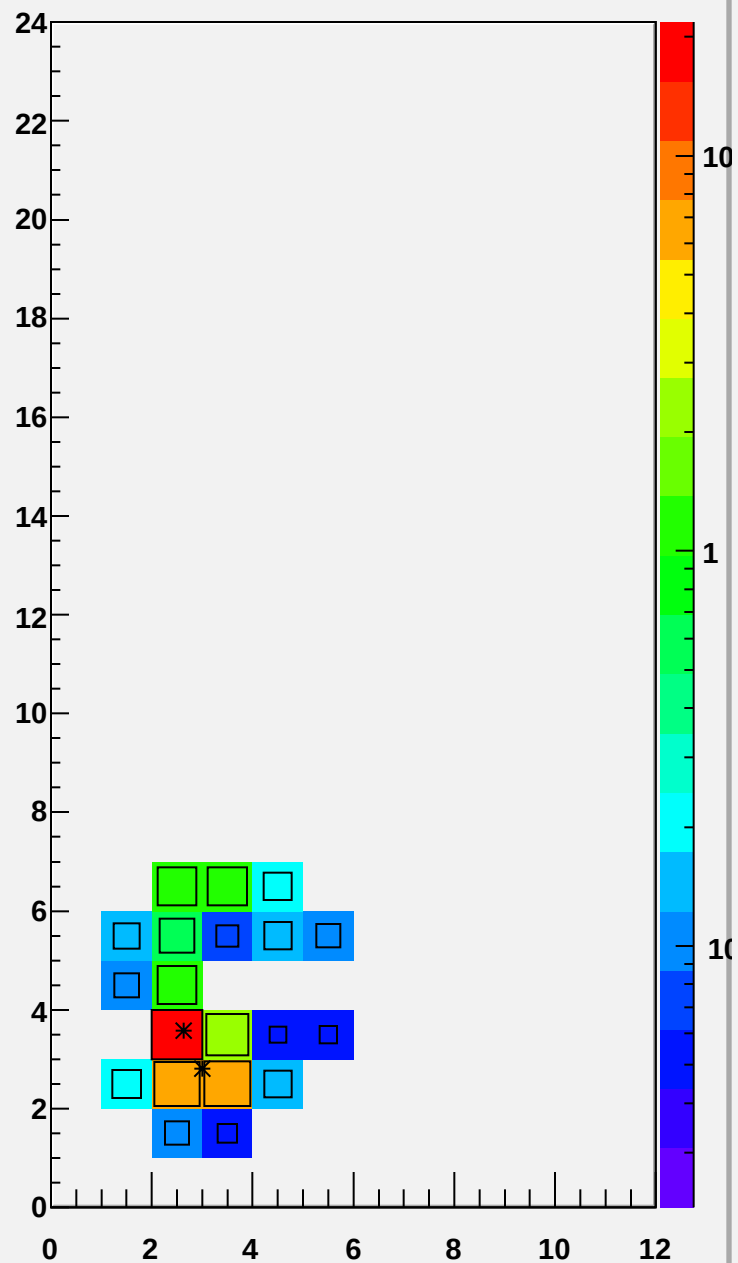
Fitted Energies



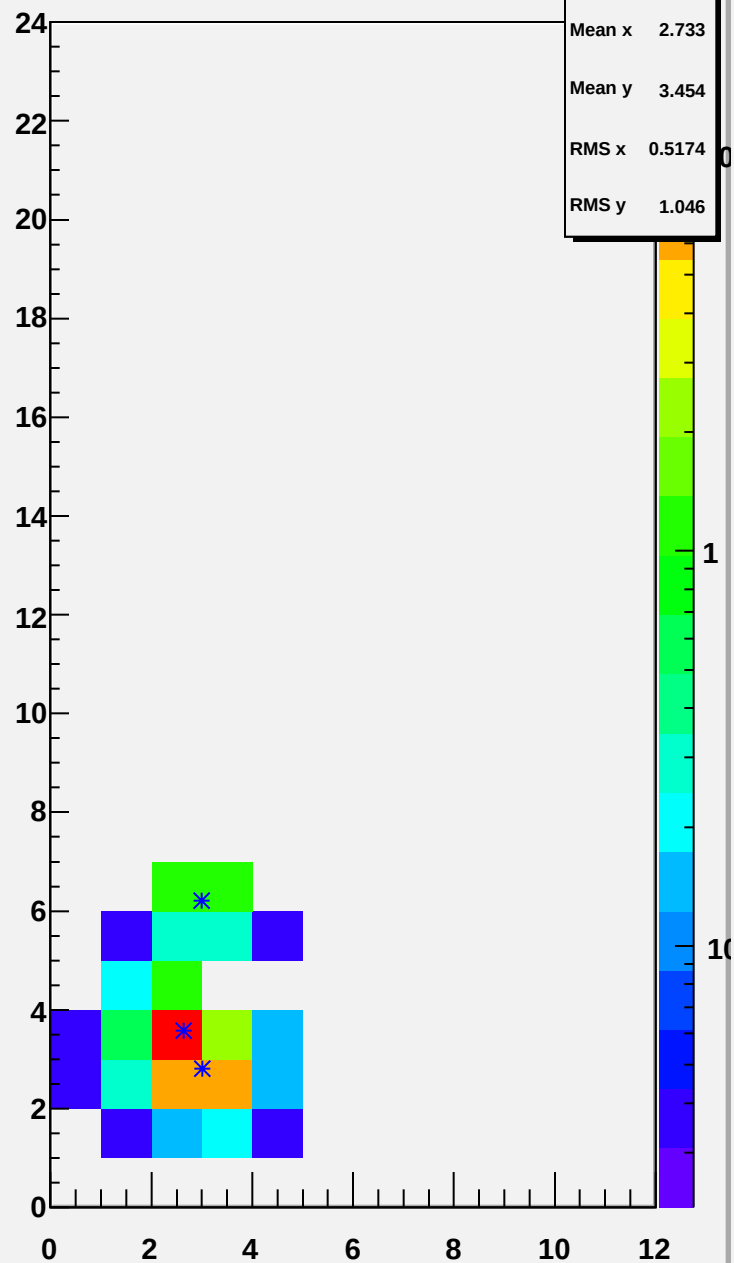
Efit

Entries	288
Mean x	2.746
Mean y	4.445
RMS x	0.8151
RMS y	3.836

NSTB3_r4_c3_En=42.5_m0=0.089 m1=0.089 index=529



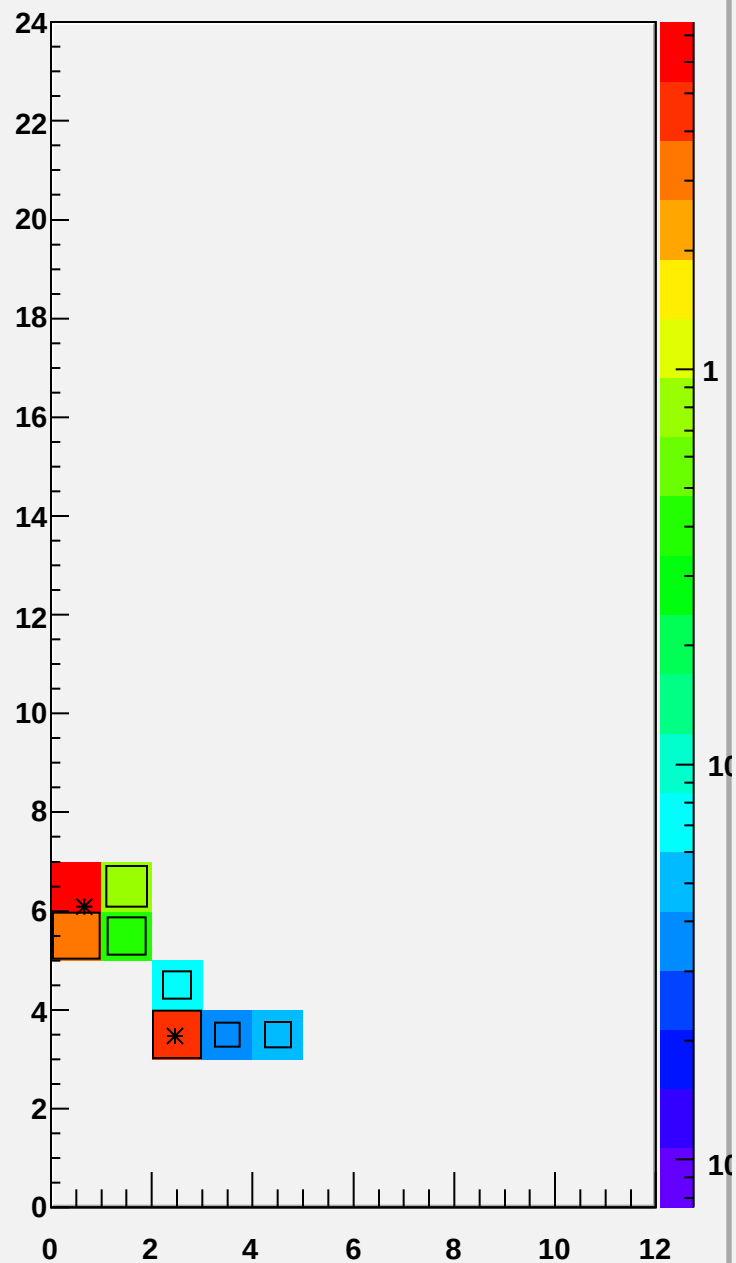
Fitted Energies



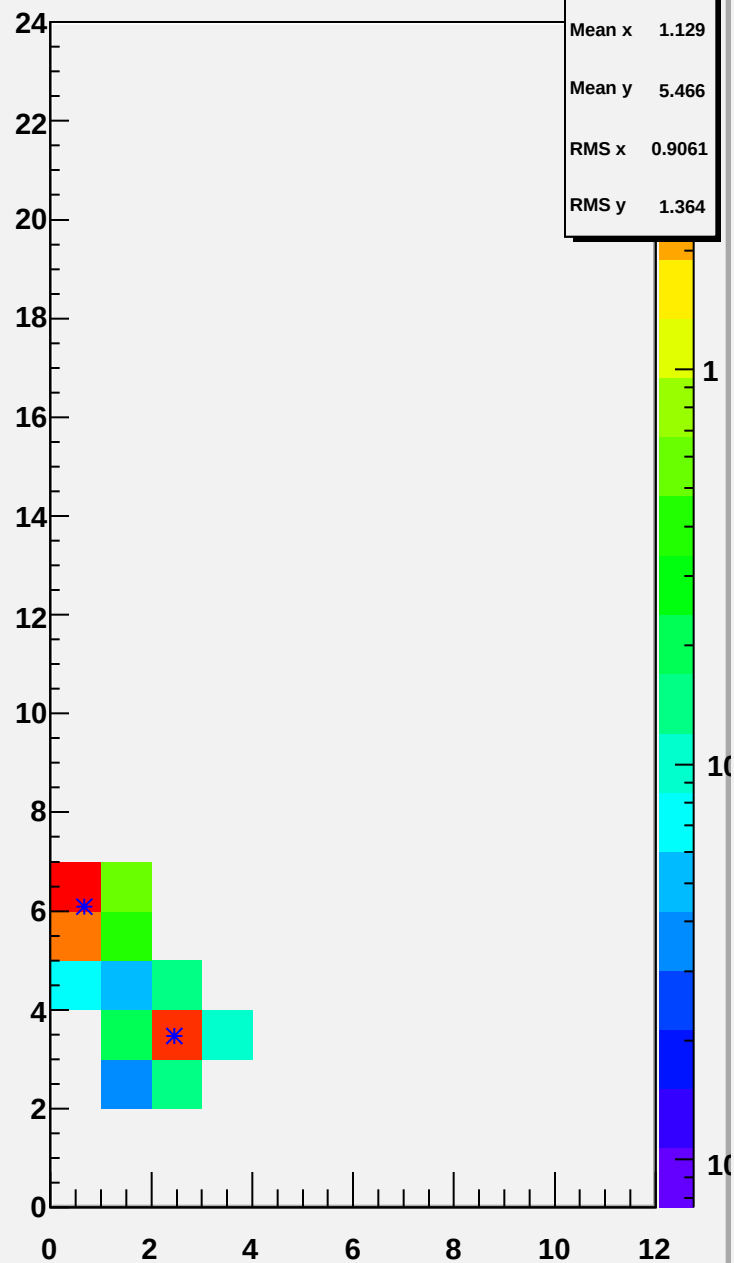
Efit

Entries	288
Mean x	2.733
Mean y	3.454
RMS x	0.5174
RMS y	1.046

NSTB3_r4_c3_En=15.7_m0=0.133 m1=0.133 index=530



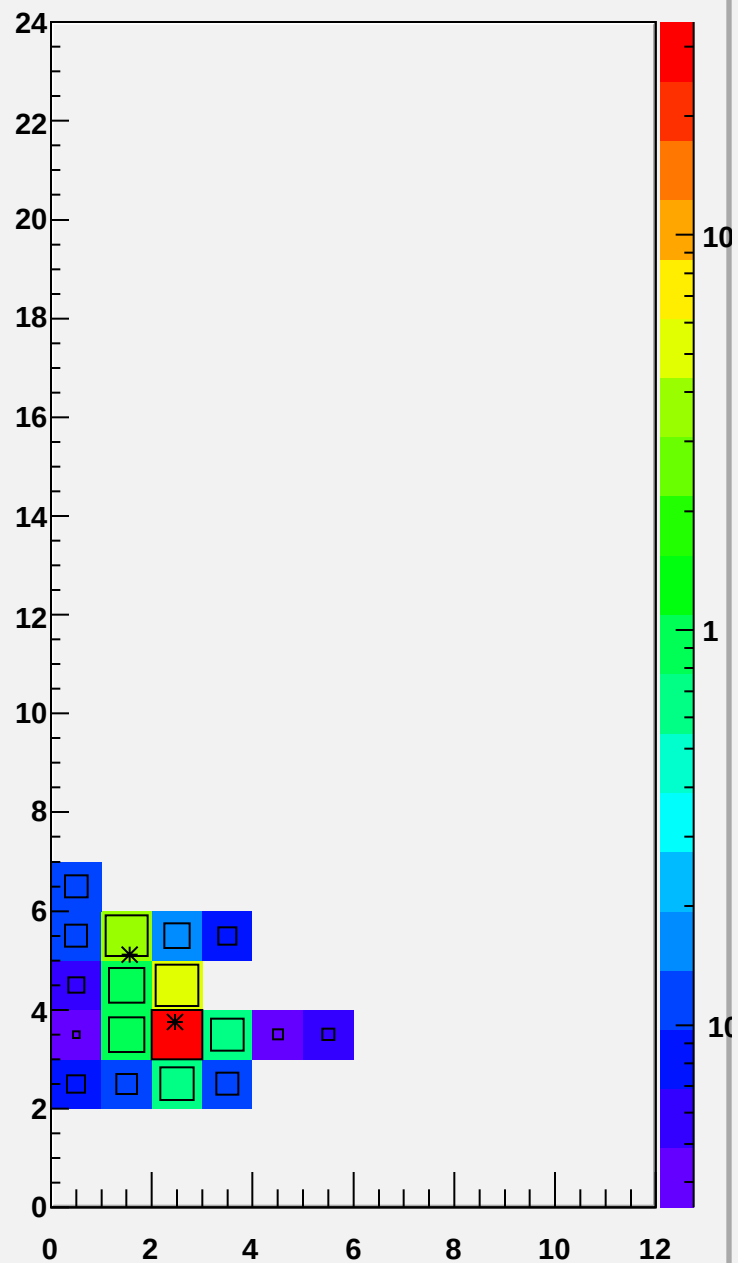
Fitted Energies



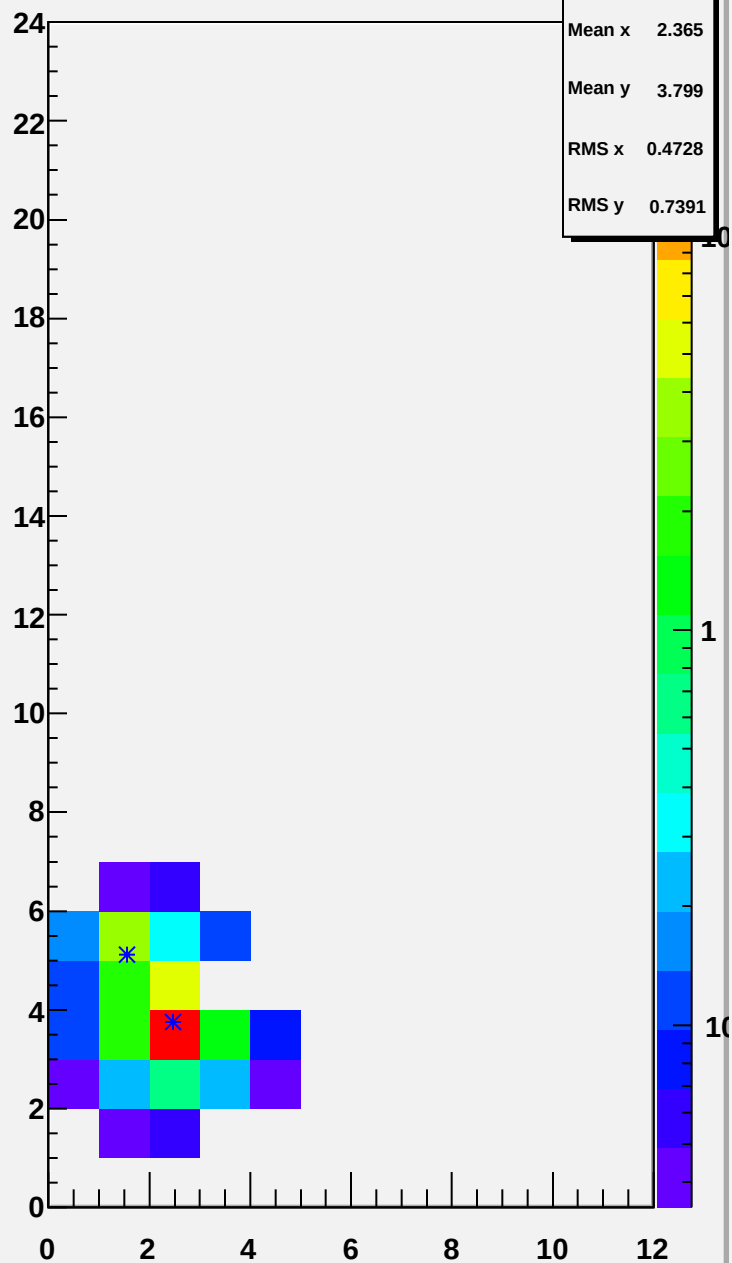
Efit

Entries	288
Mean x	1.129
Mean y	5.466
RMS x	0.9061
RMS y	1.364

NSTB3_r4_c3_En=47.1_m0=0.141_m1=0.142_index=532



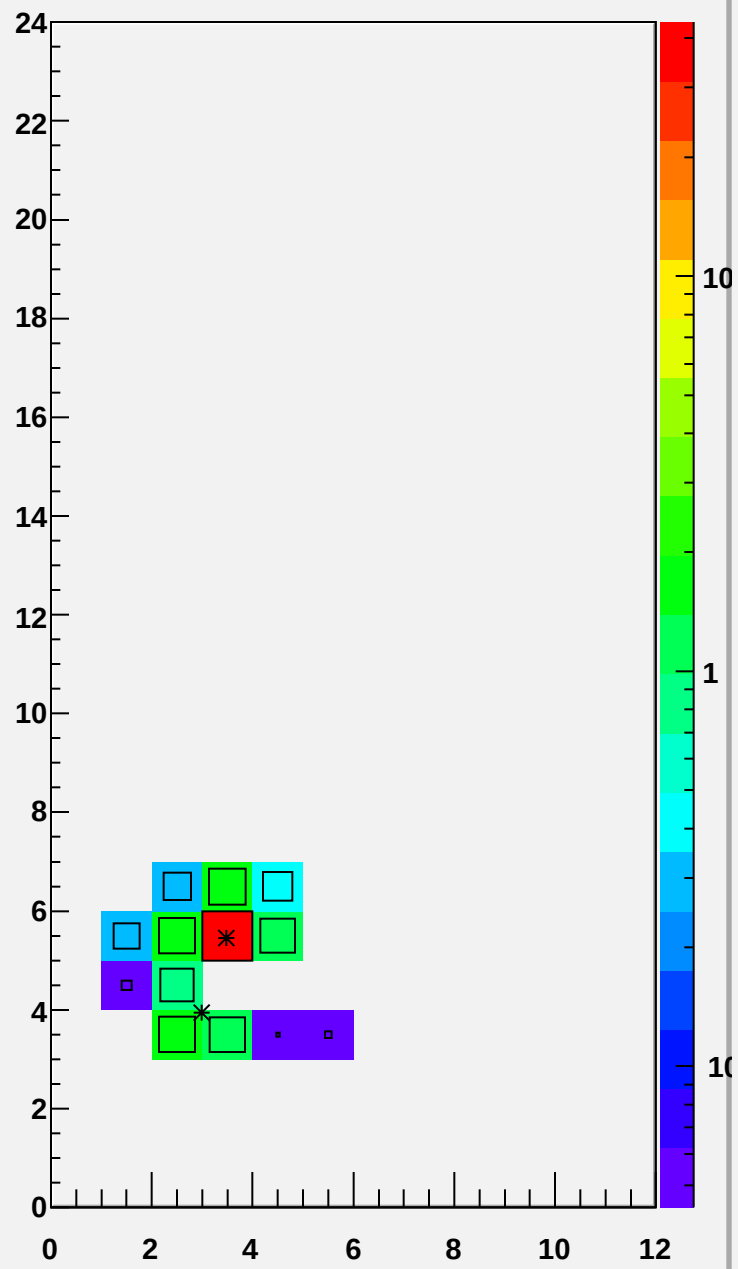
Fitted Energies



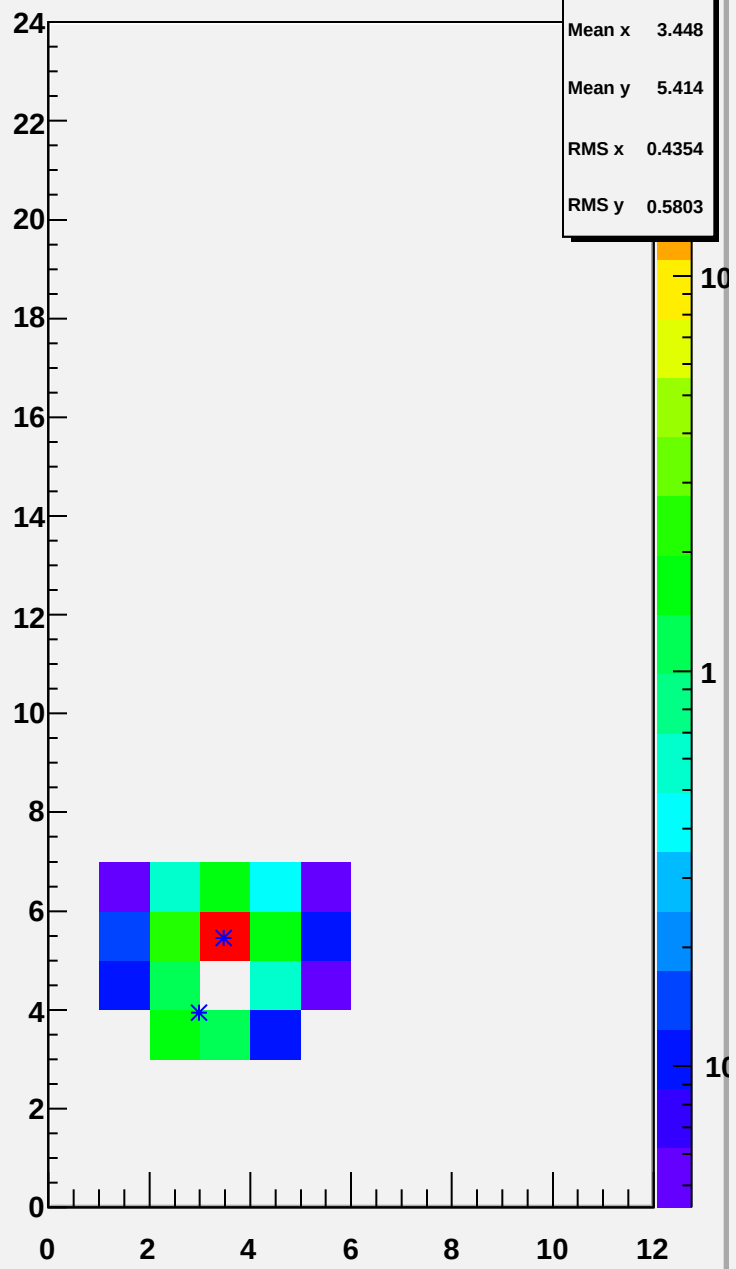
Efit

Entries	288
Mean x	2.365
Mean y	3.799
RMS x	0.4728
RMS y	0.7391

NSTB3_r4_c3_En=53.2_m0=0.131_m1=0.130_index=533



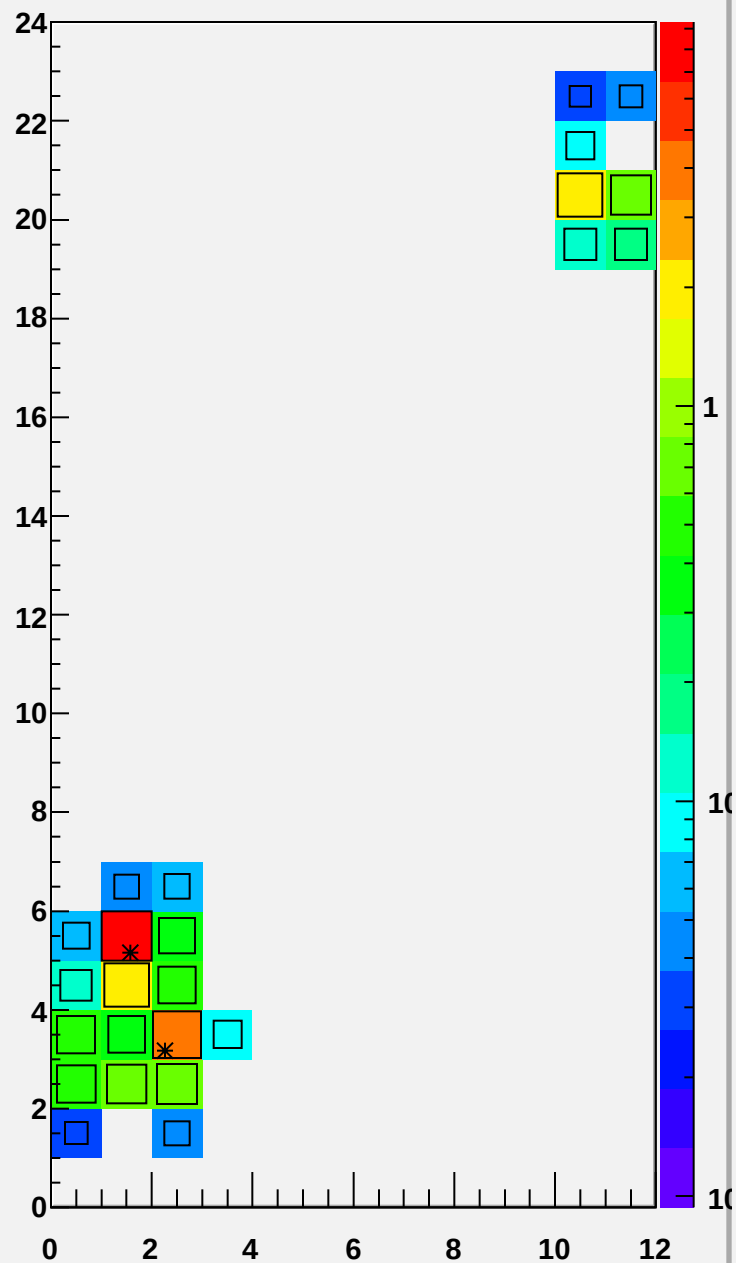
Fitted Energies



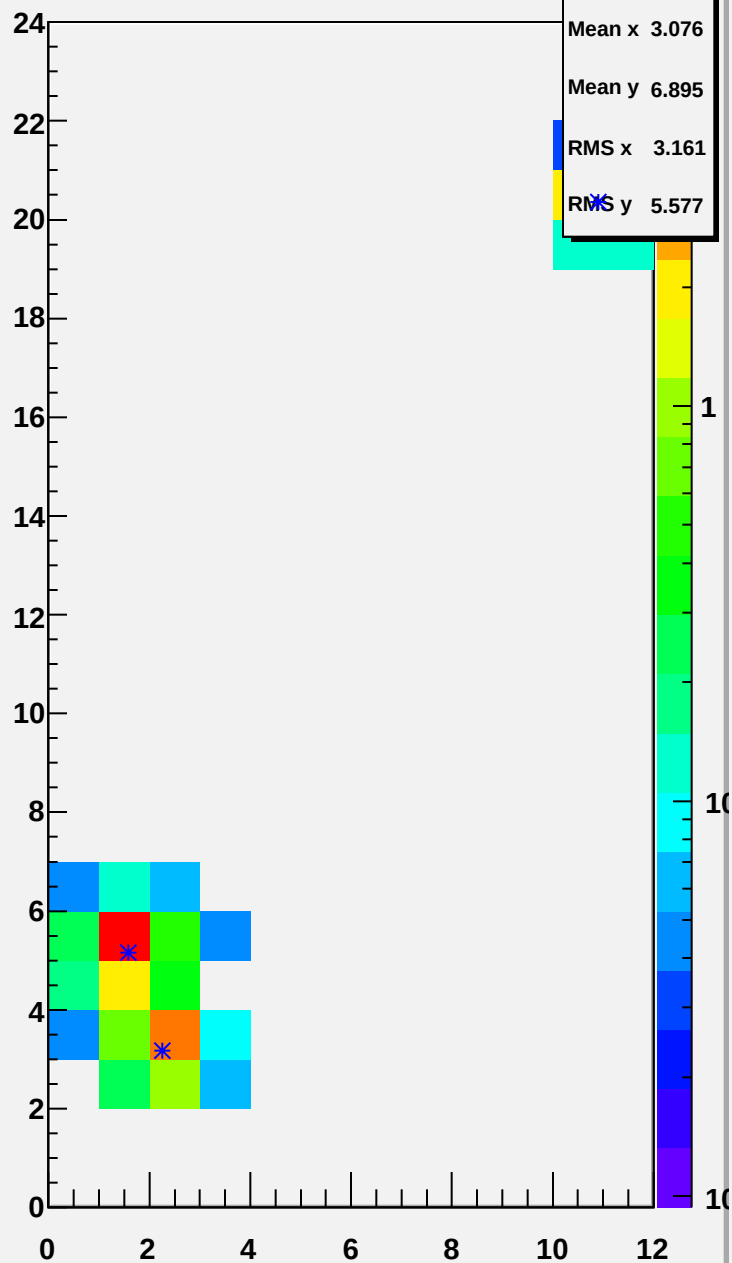
Efit

Entries	288
Mean x	3.448
Mean y	5.414
RMS x	0.4354
RMS y	0.5803

NSTB3_r4_c3_En=23.2_m0=0.107 m1=0.107 index=535



Fitted Energies



Efit

Entries 288

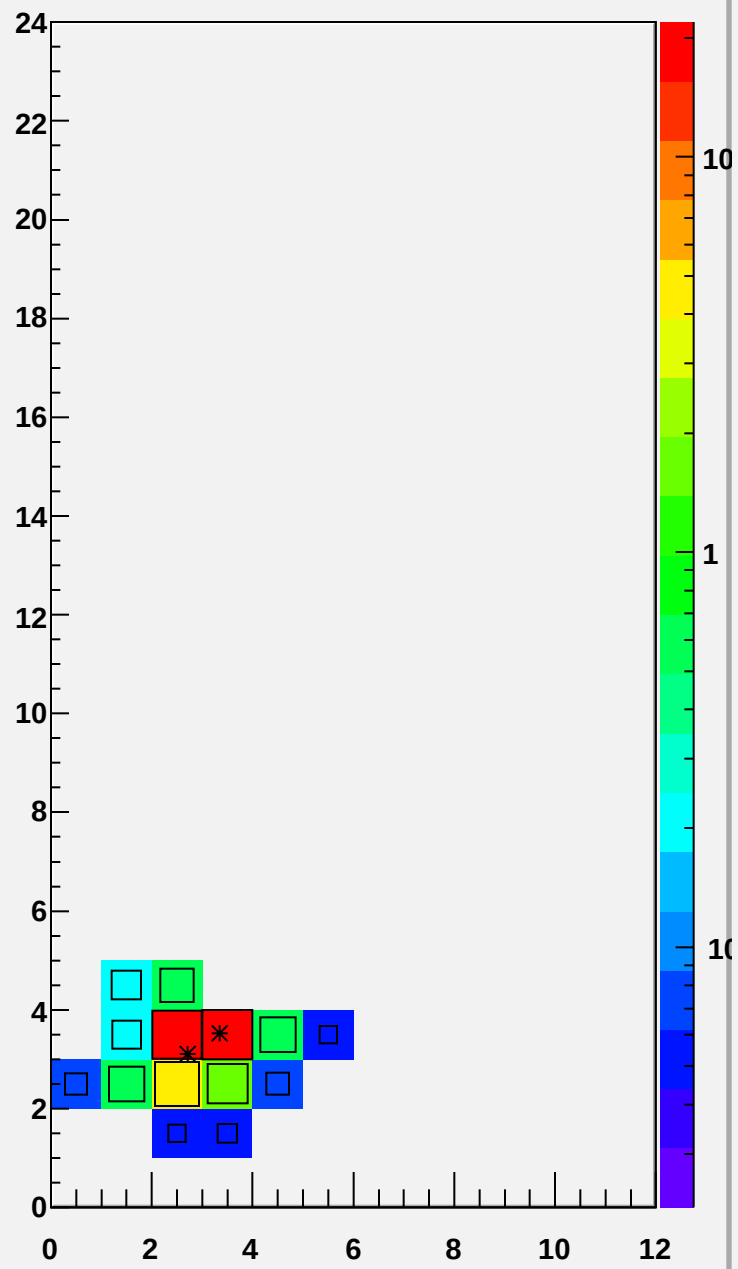
Mean x 3.076

Mean y 6.895

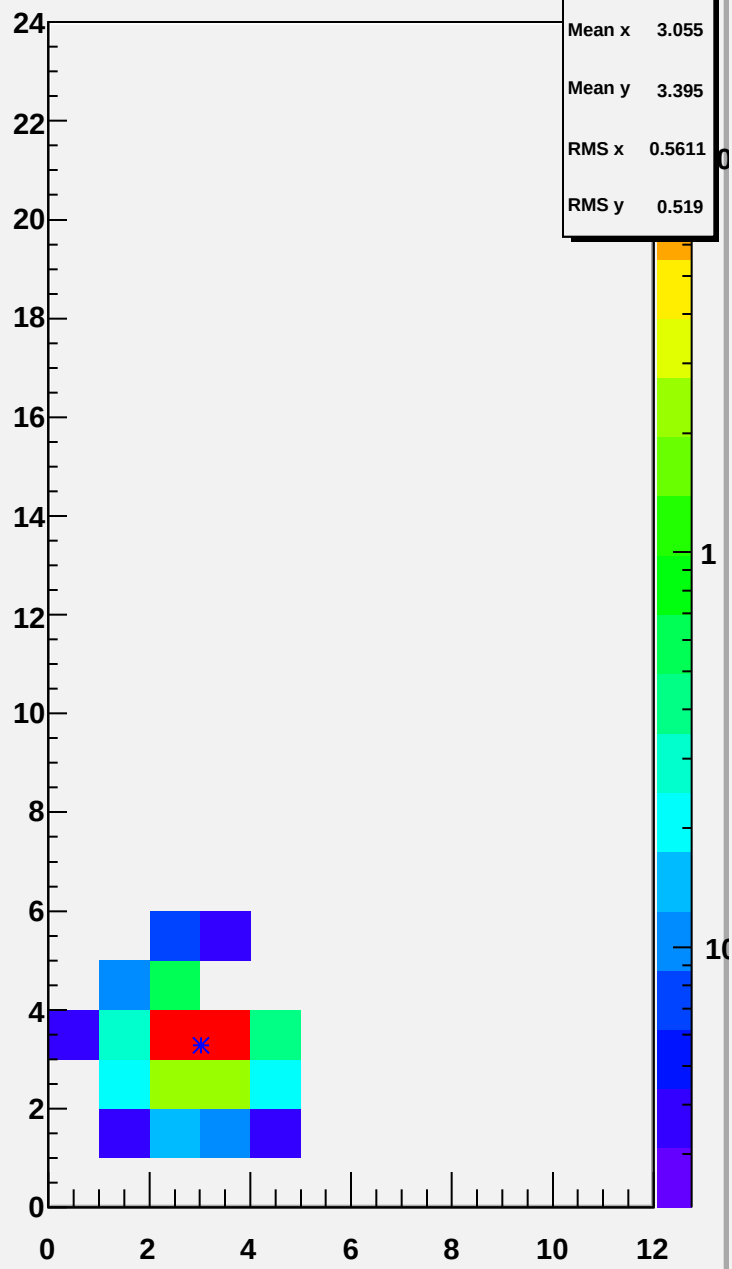
RMS x 3.161

RMS y 5.577

NSTB3_r4_c3_En=46.8_m0=0.099_m1=-0.010_index=536



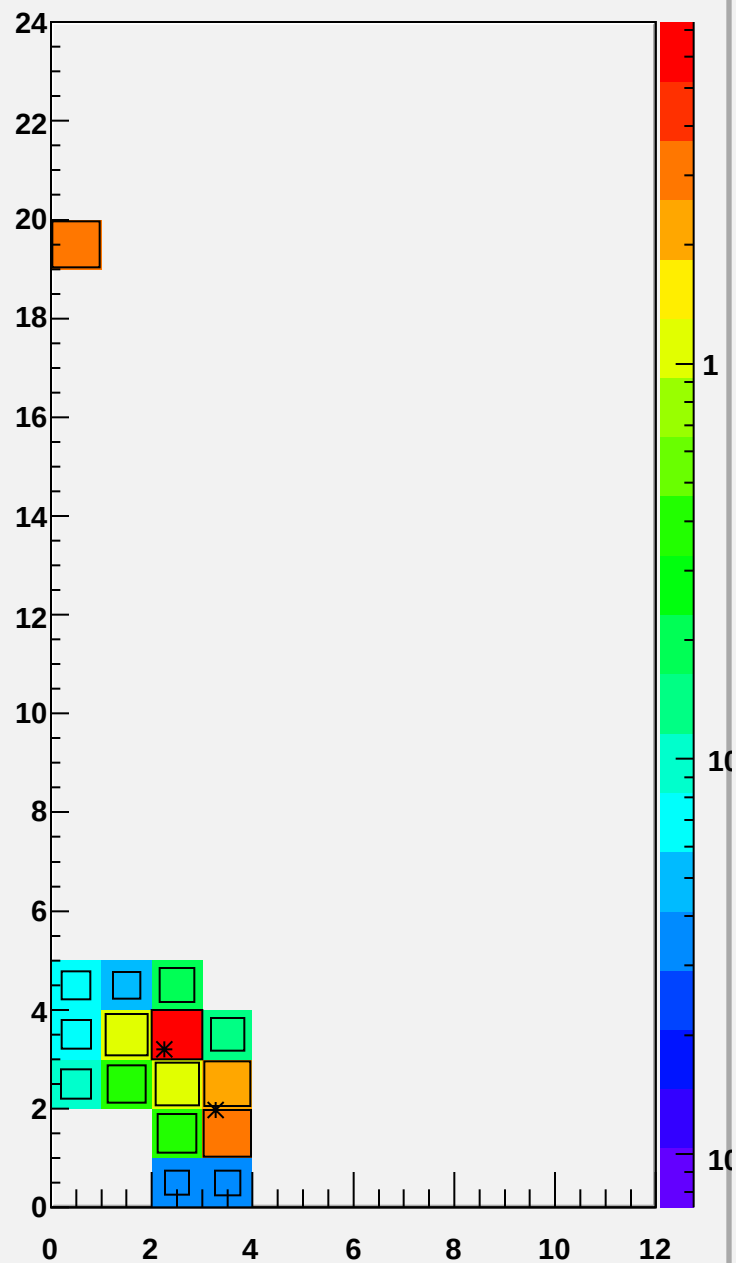
Fitted Energies



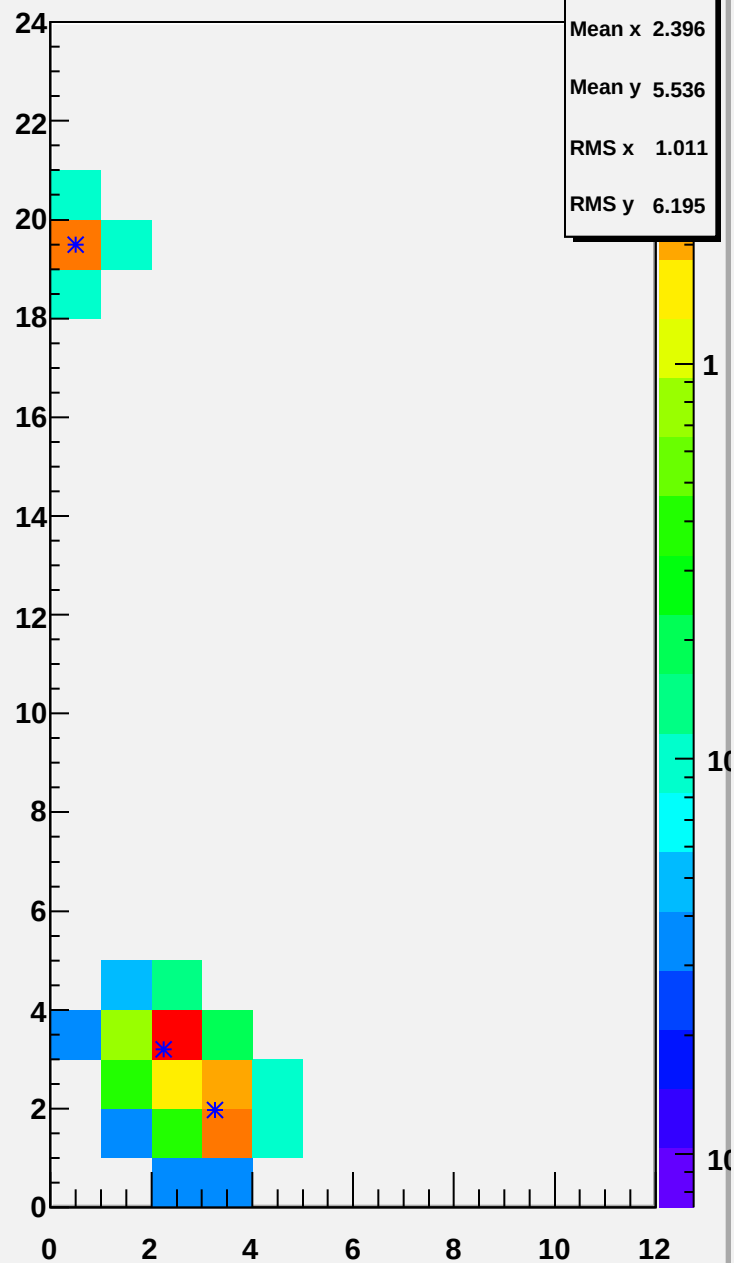
Efit

Entries	288
Mean x	3.055
Mean y	3.395
RMS x	0.5611
RMS y	0.519

NSTB3_r4_c3_En=19.5_m0=0.071 m1=0.071 index=537



Fitted Energies



Efit

Entries 288

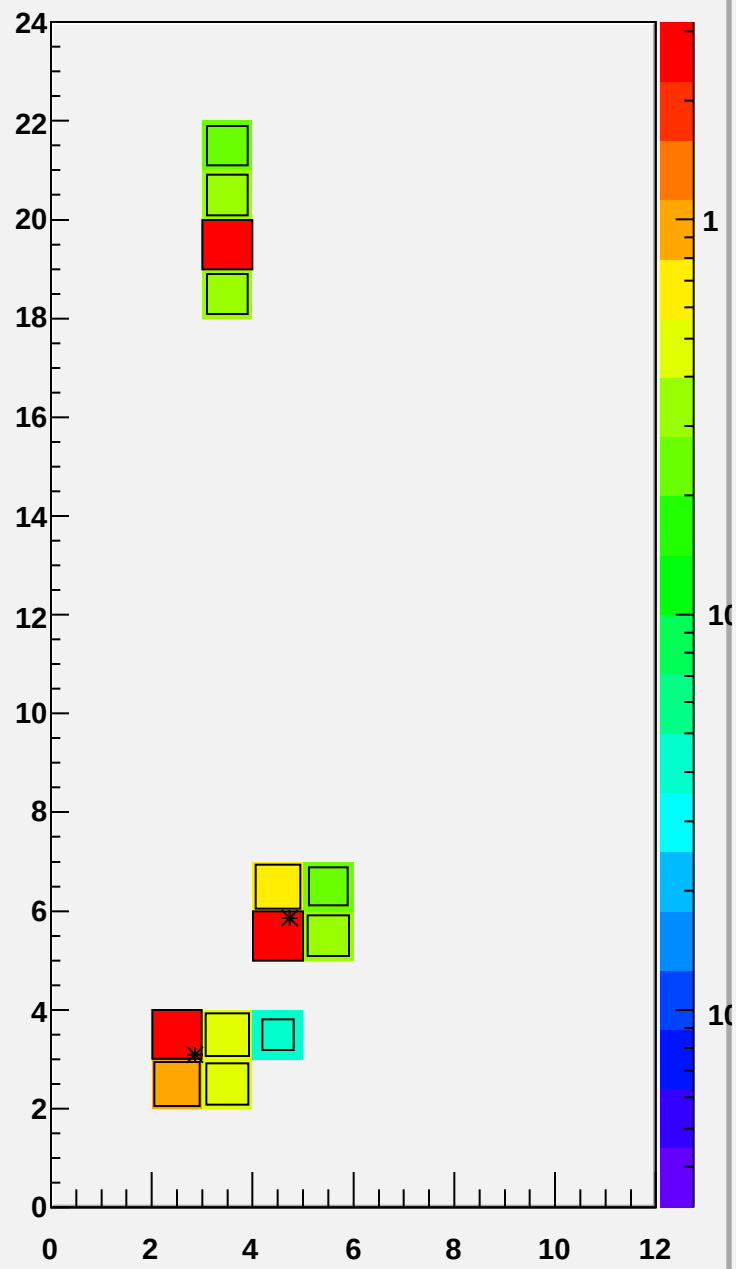
Mean x 2.396

Mean y 5.536

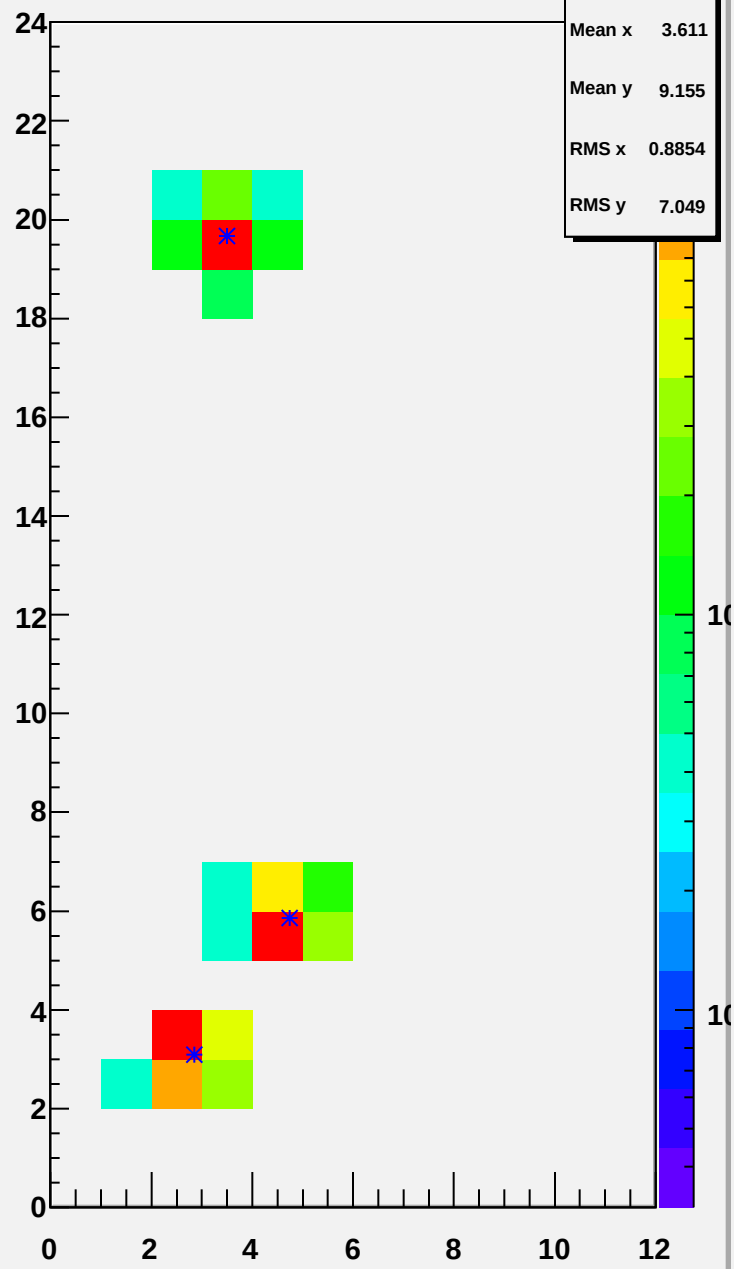
RMS x 1.011

RMS y 6.195

NSTB3_r4_c3_En=12.7_m0=0.085 m1=0.085 index=538



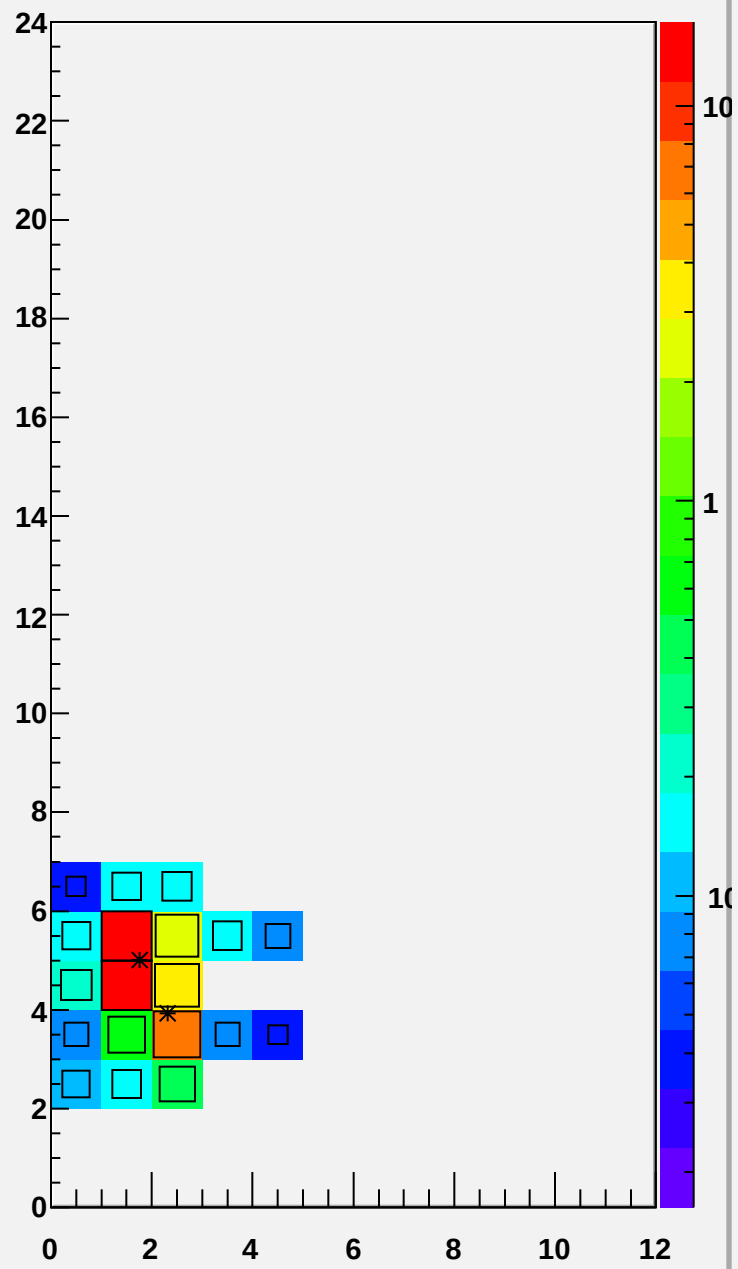
Fitted Energies



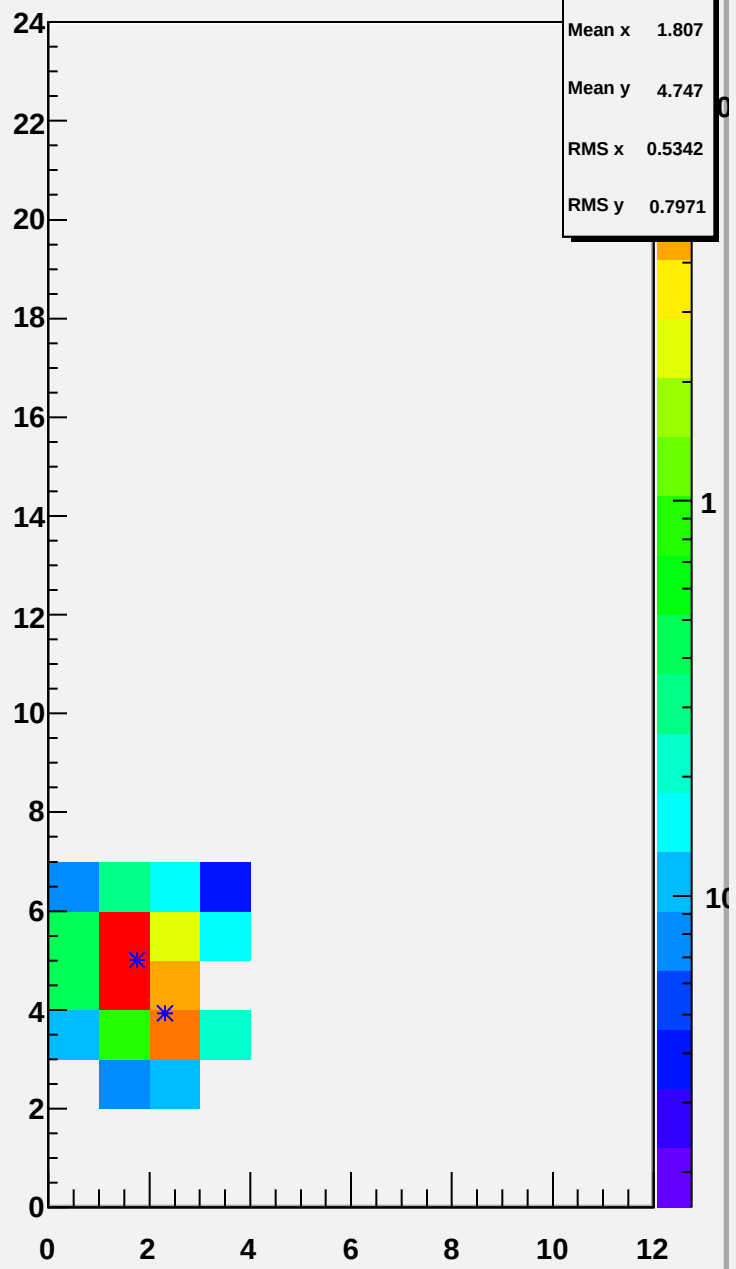
Efit

Entries	288
Mean x	3.611
Mean y	9.155
RMS x	0.8854
RMS y	7.049

NSTB3_r4_c3_En=46.2_m0=0.140 m1=0.141 index=539



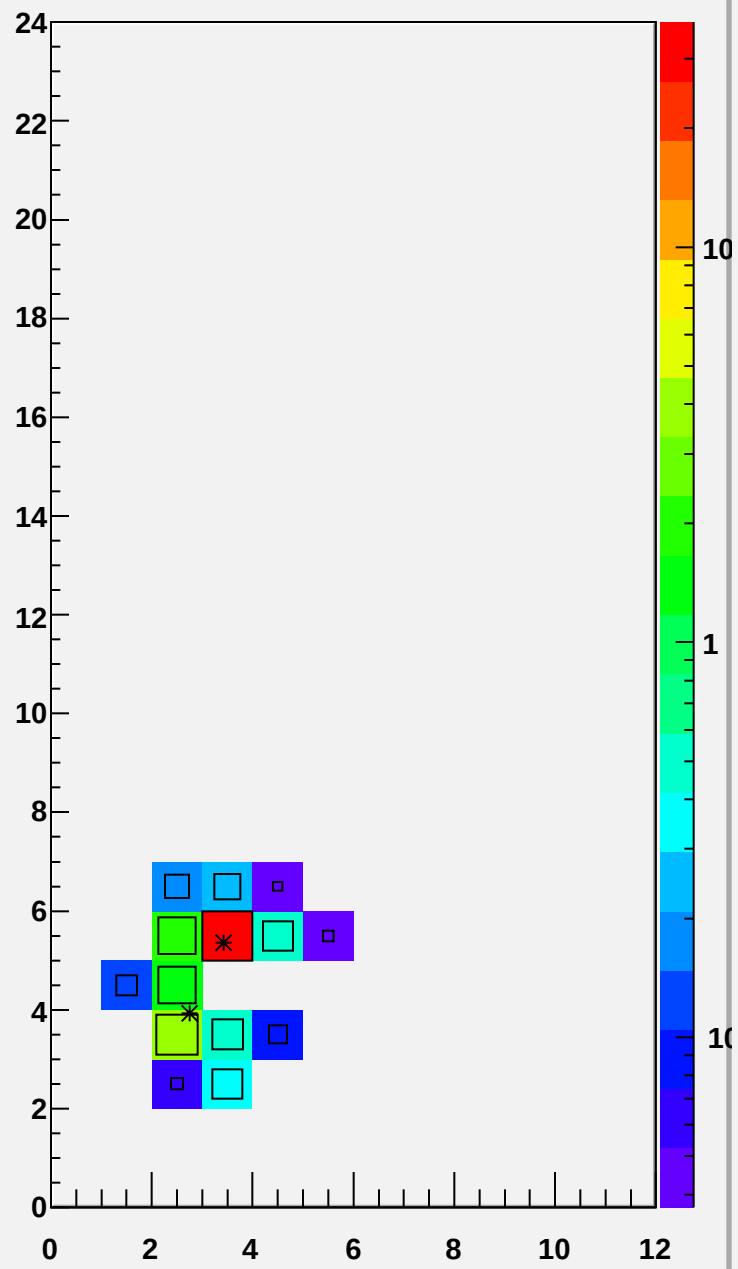
Fitted Energies



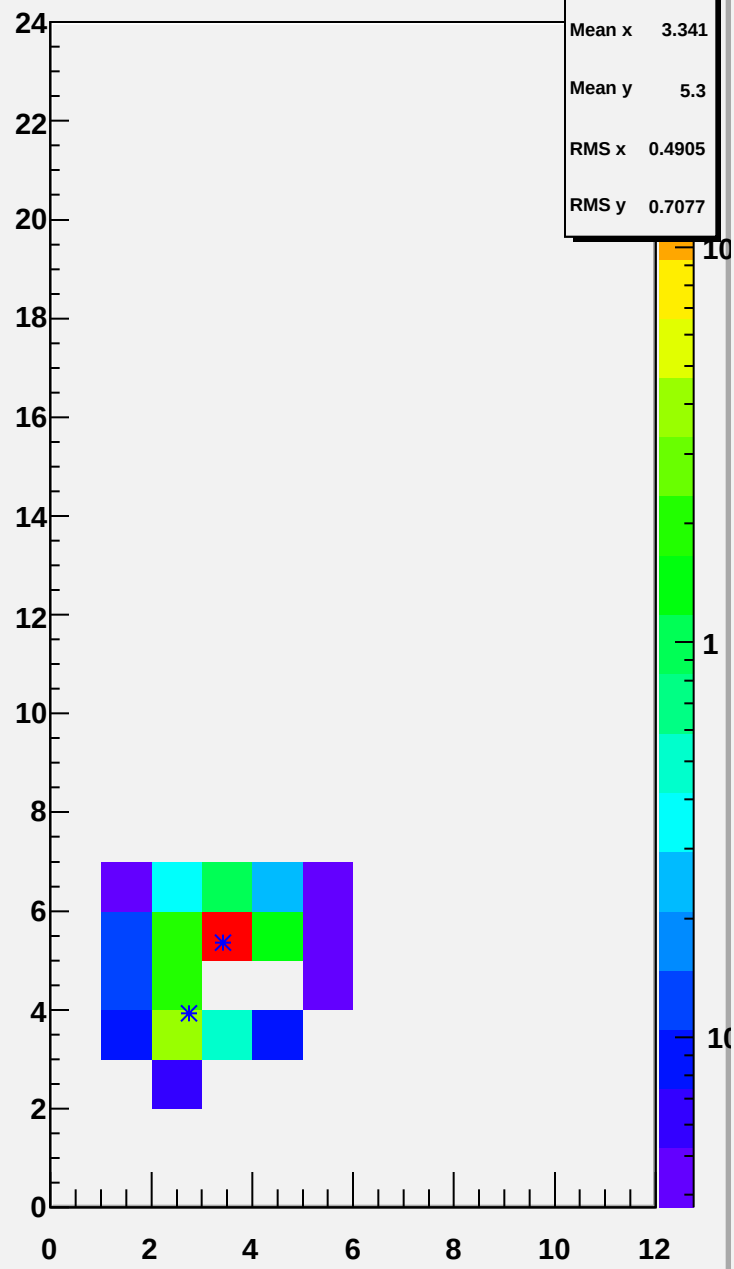
Efit

Entries	288
Mean x	1.807
Mean y	4.747
RMS x	0.5342
RMS y	0.7971

NSTB3_r4_c3_En=46.2_m0=0.148 m1=0.148 index=540



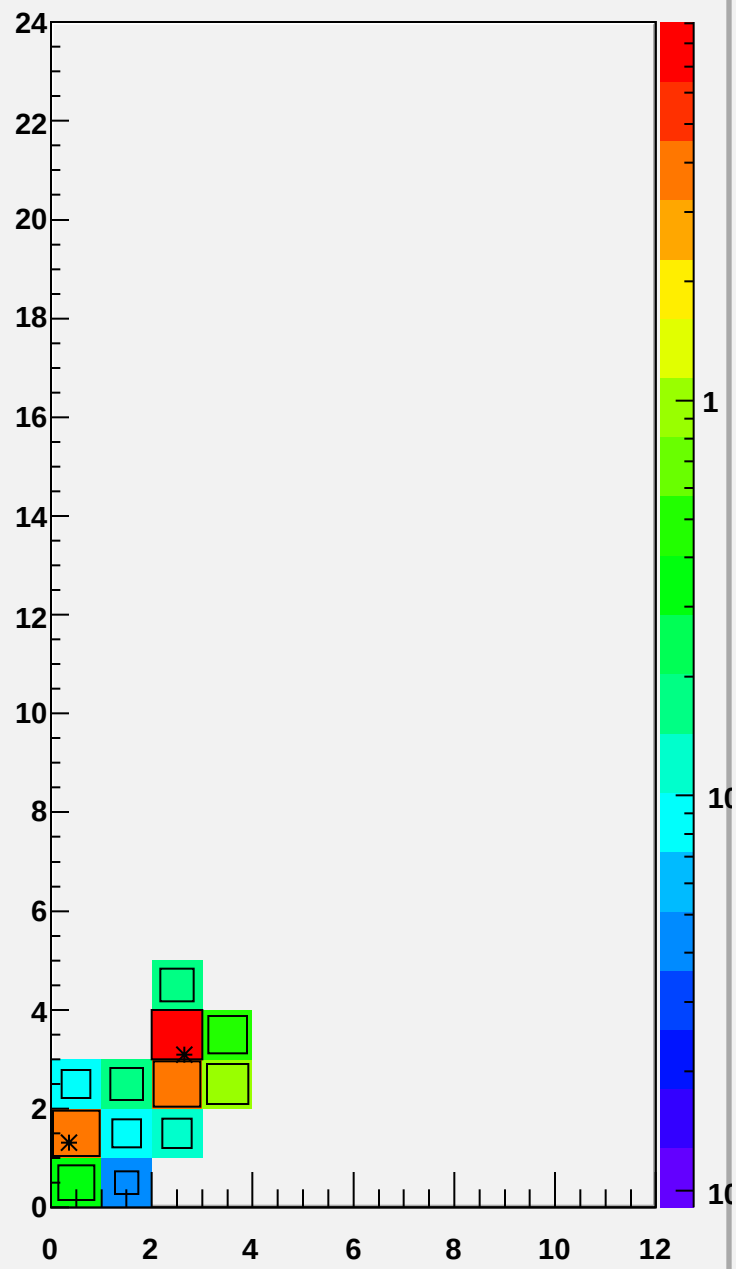
Fitted Energies



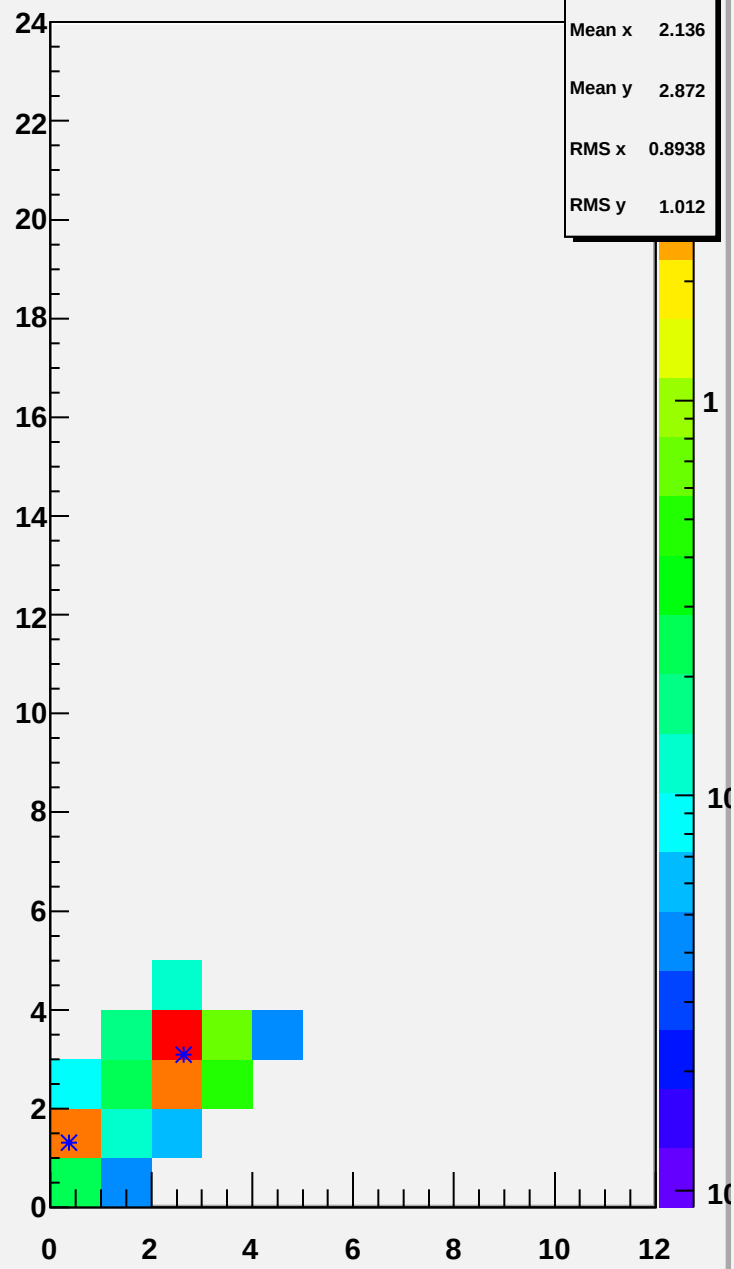
Efit

Entries	288
Mean x	3.341
Mean y	5.3
RMS x	0.4905
RMS y	0.7077

NSTB3_r4_c3_En=18.0_m0=0.124 m1=0.124 index=541



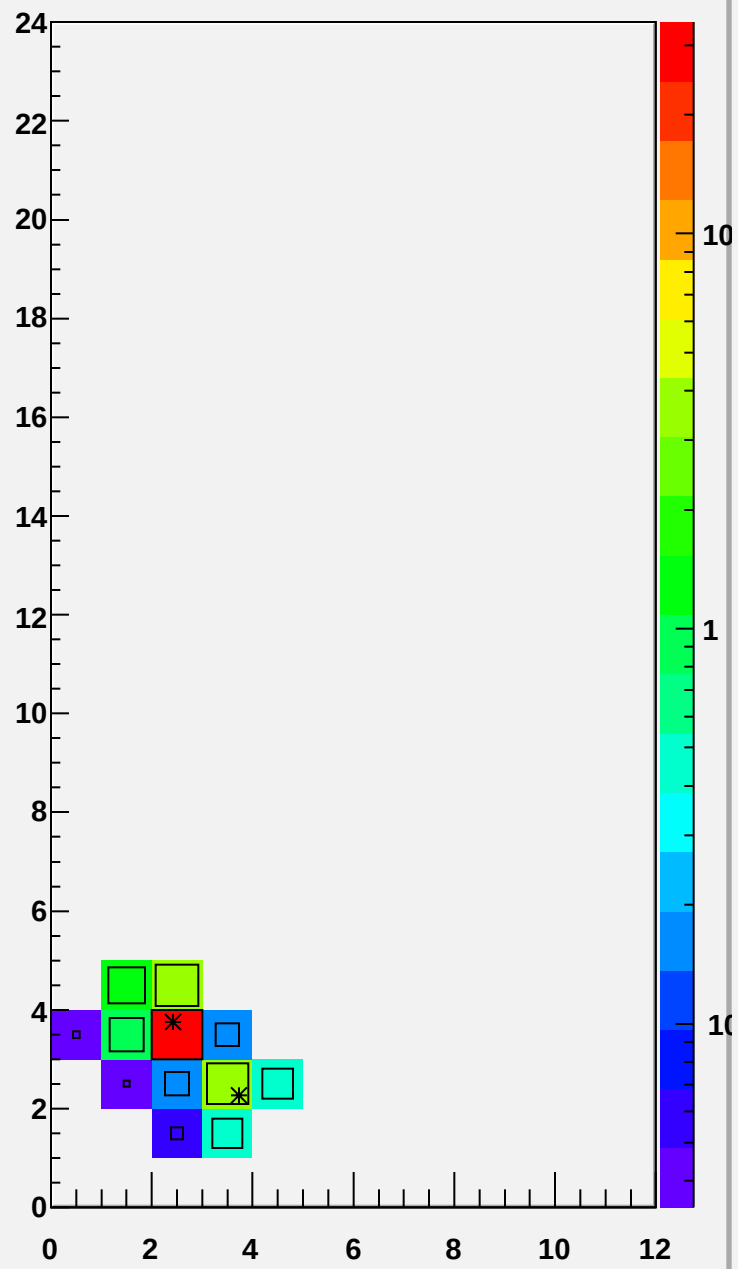
Fitted Energies



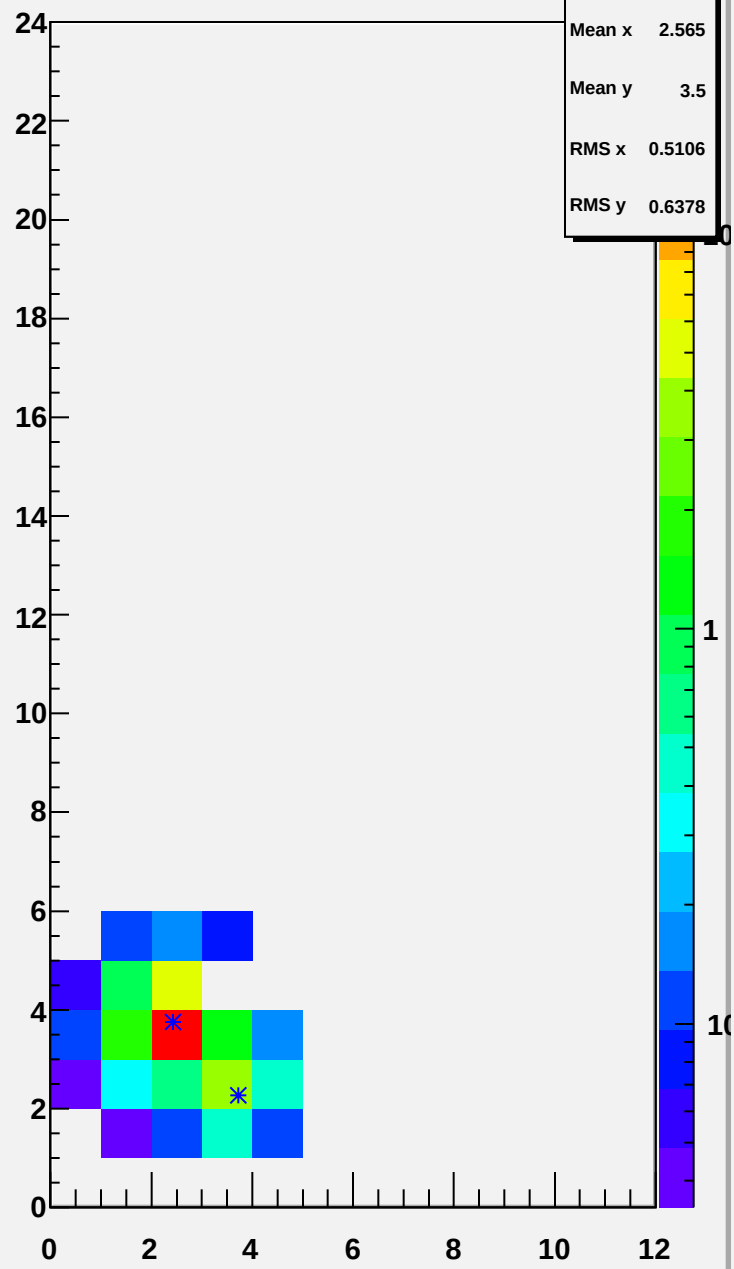
Efit

Entries	288
Mean x	2.136
Mean y	2.872
RMS x	0.8938
RMS y	1.012

NSTB3_r4_c3_En=45.6_m0=0.159_m1=0.160_index=542



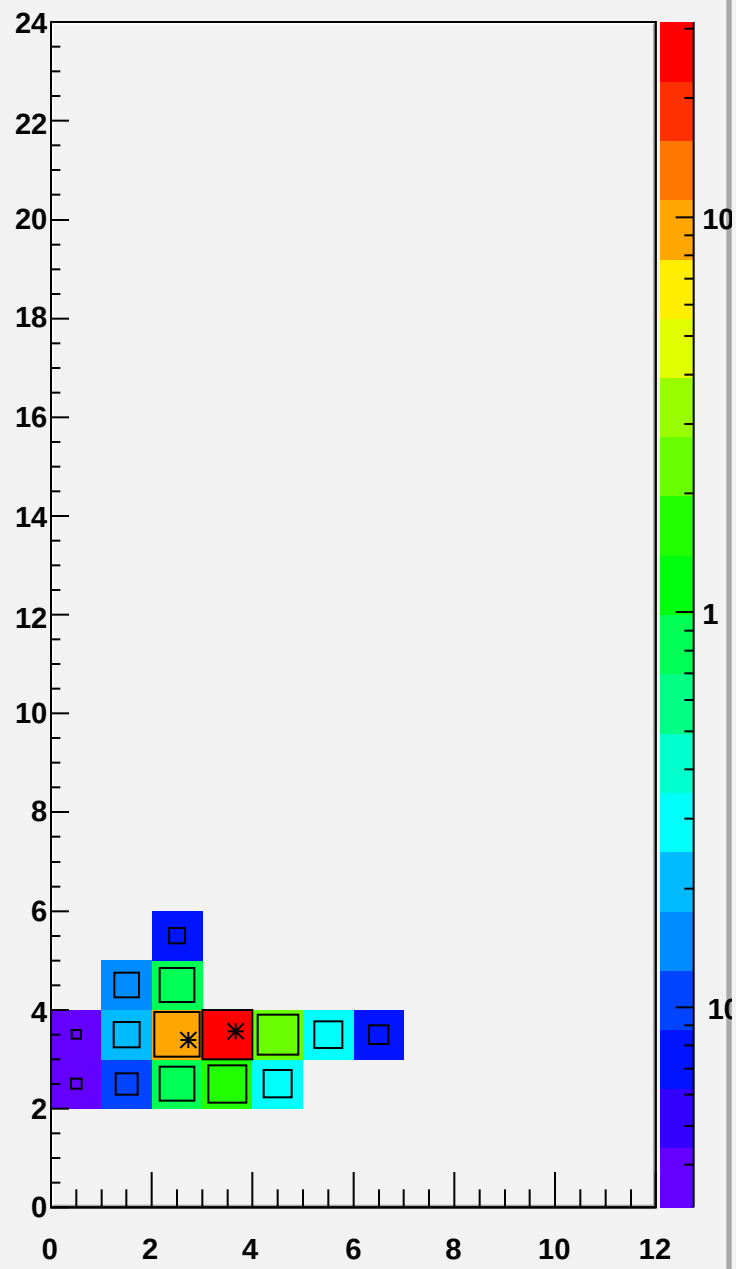
Fitted Energies



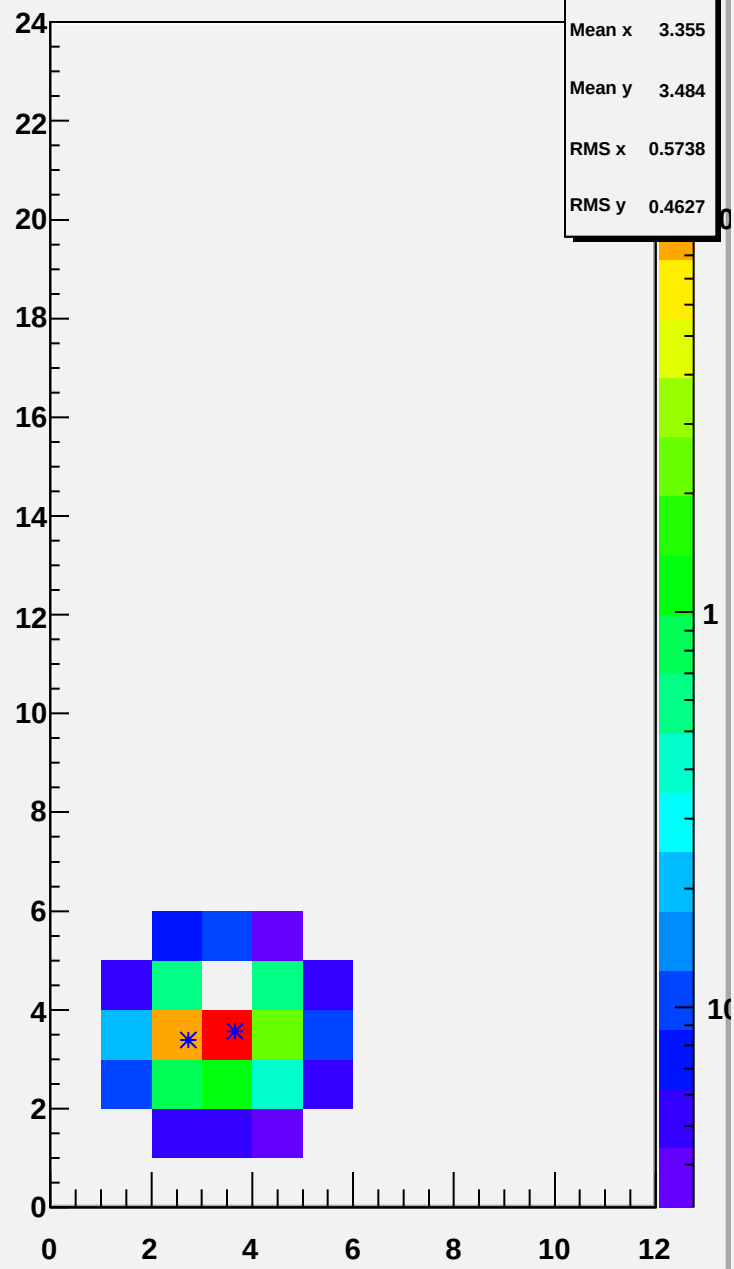
Efit

Entries	288
Mean x	2.565
Mean y	3.5
RMS x	0.5106
RMS y	0.6378

NSTB3_r4_c3_En=46.9_m0=0.102 m1=0.102 index=543



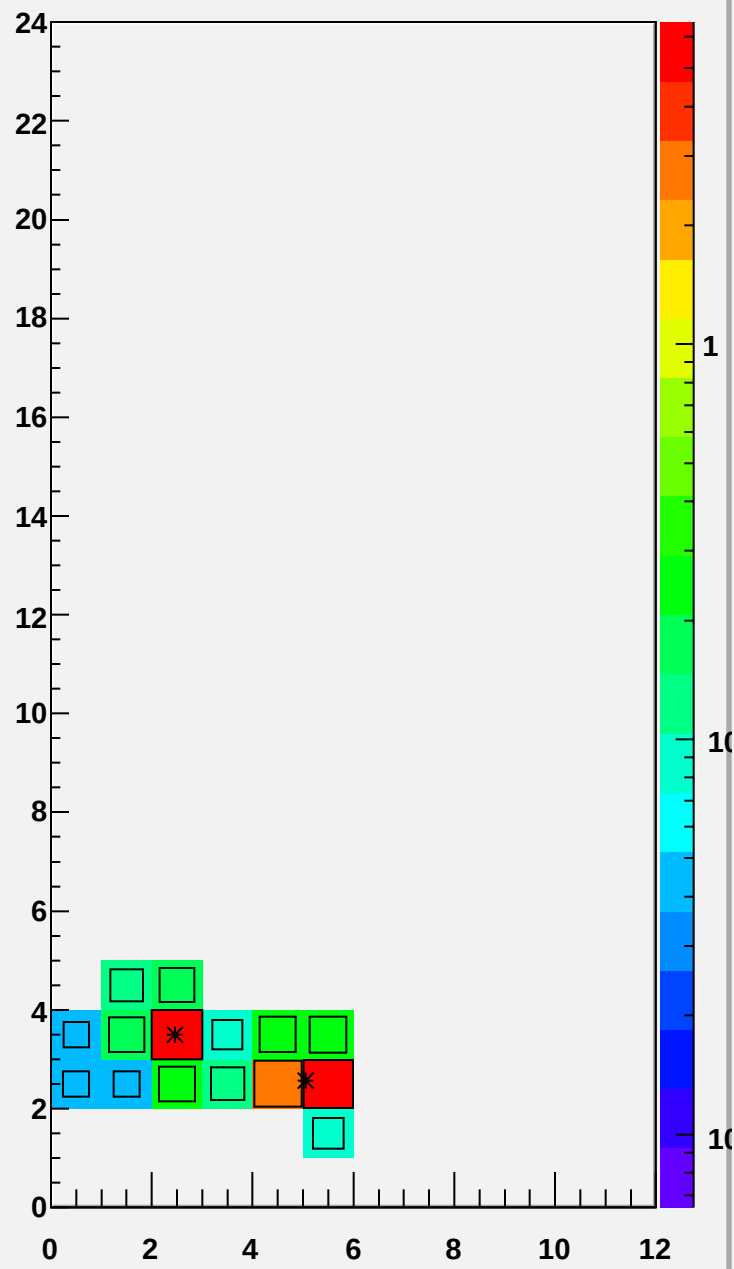
Fitted Energies



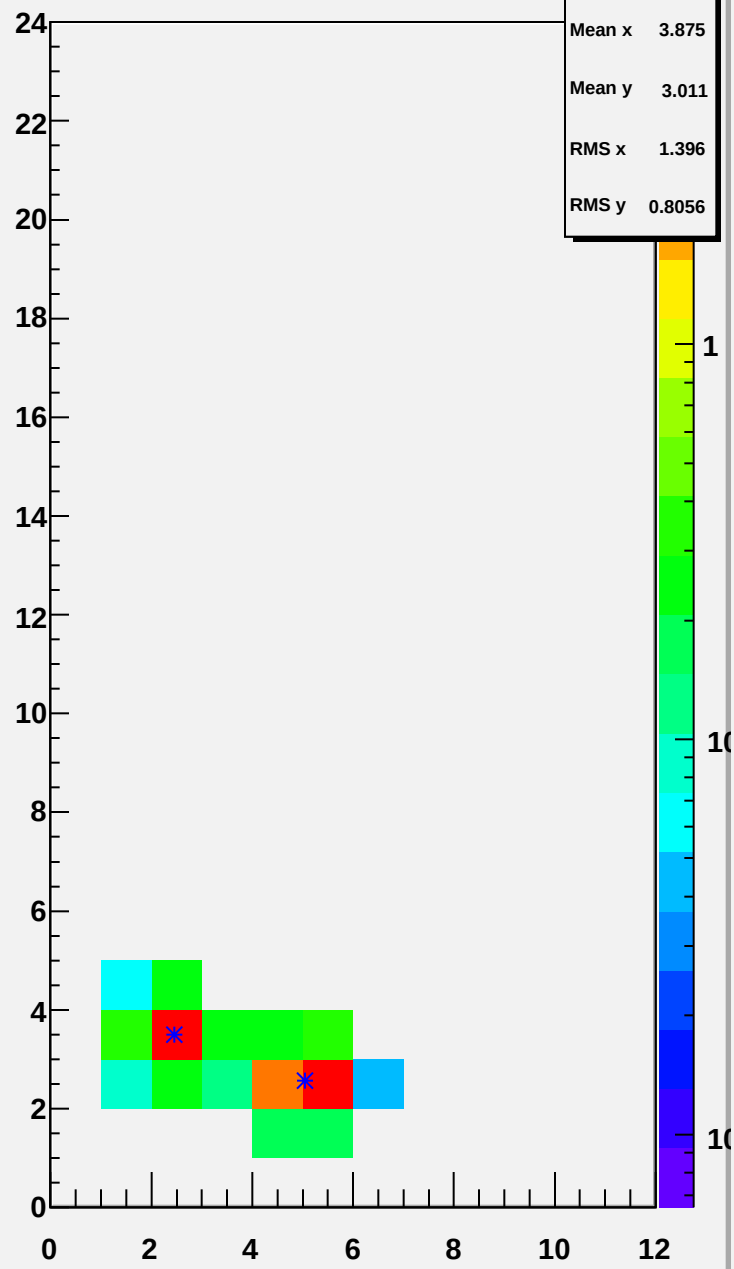
Efit

Entries	288
Mean x	3.355
Mean y	3.484
RMS x	0.5738
RMS y	0.4627

NSTB3_r4_c3_En=15.8_m0=0.125_m1=0.125_index=545



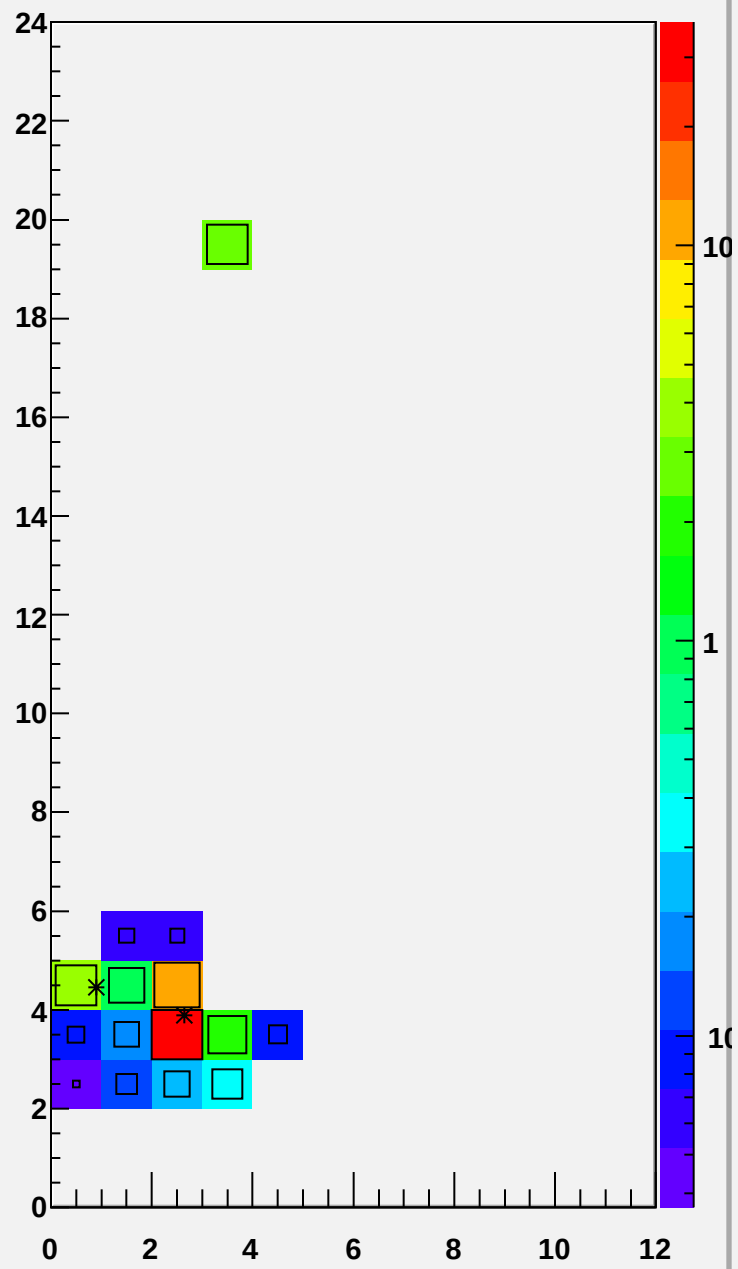
Fitted Energies



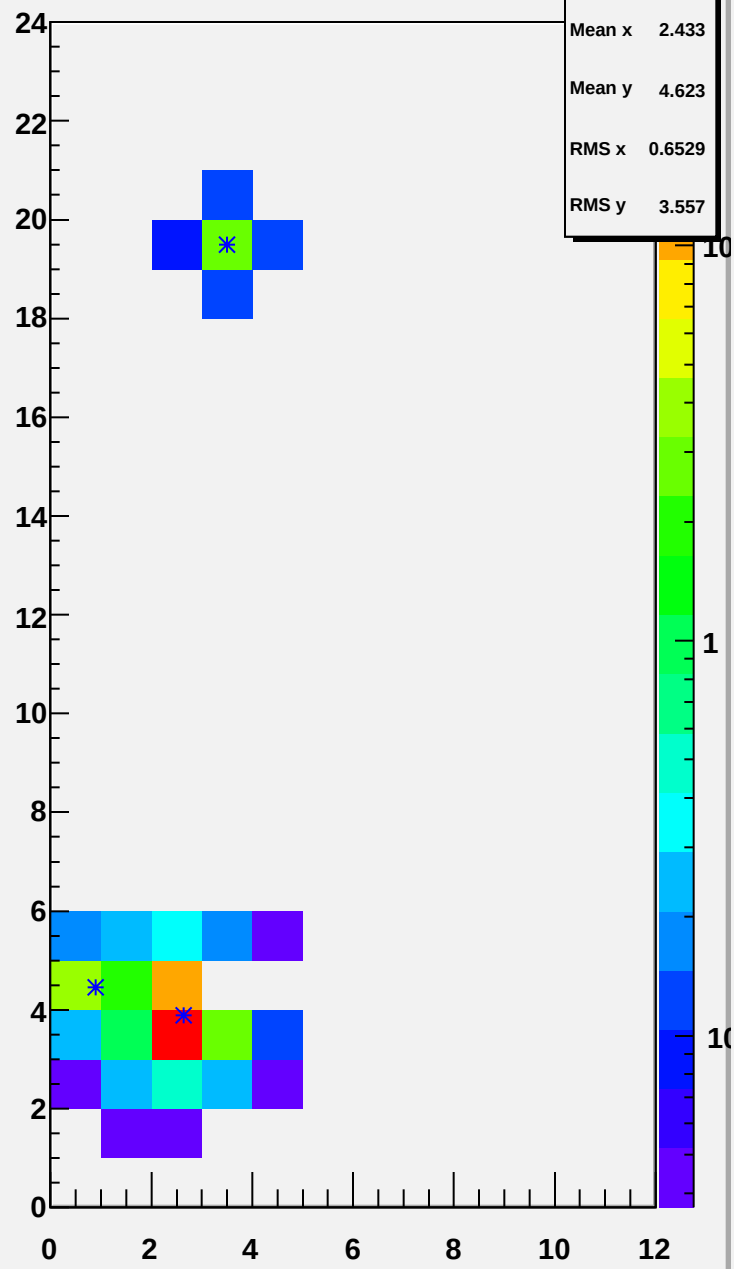
Efit

Entries	288
Mean x	3.875
Mean y	3.011
RMS x	1.396
RMS y	0.8056

NSTB3_r4_c3_En=58.9_m0=0.167 m1=0.167 index=546



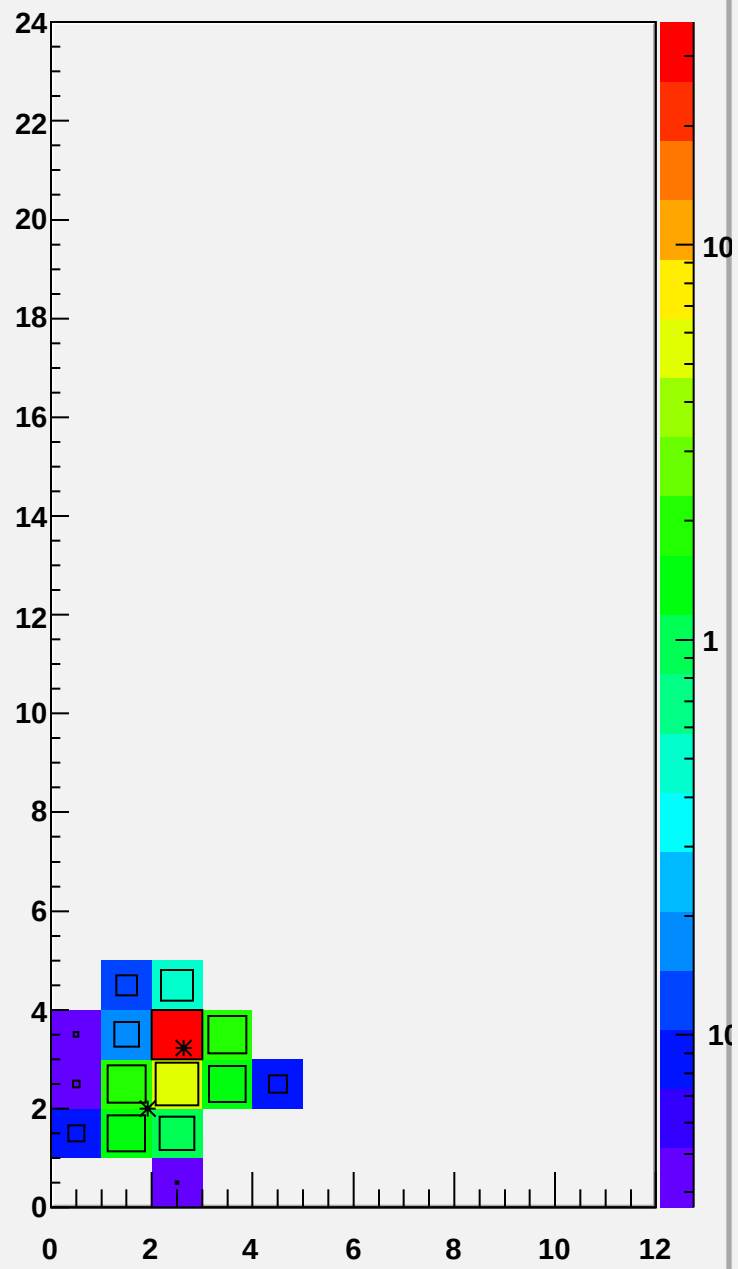
Fitted Energies



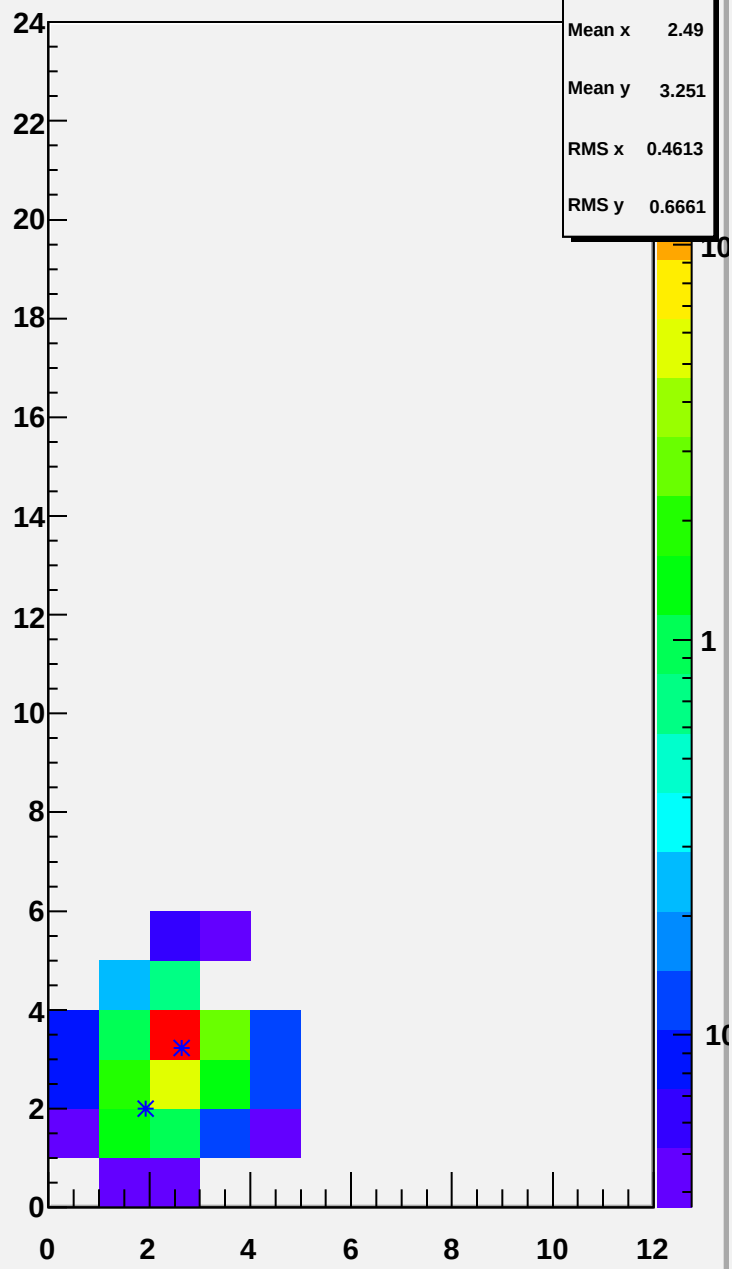
Efit

Entries	288
Mean x	2.433
Mean y	4.623
RMS x	0.6529
RMS y	3.557

NSTB3_r4_c3_En=51.3_m0=0.115_m1=0.115_index=547



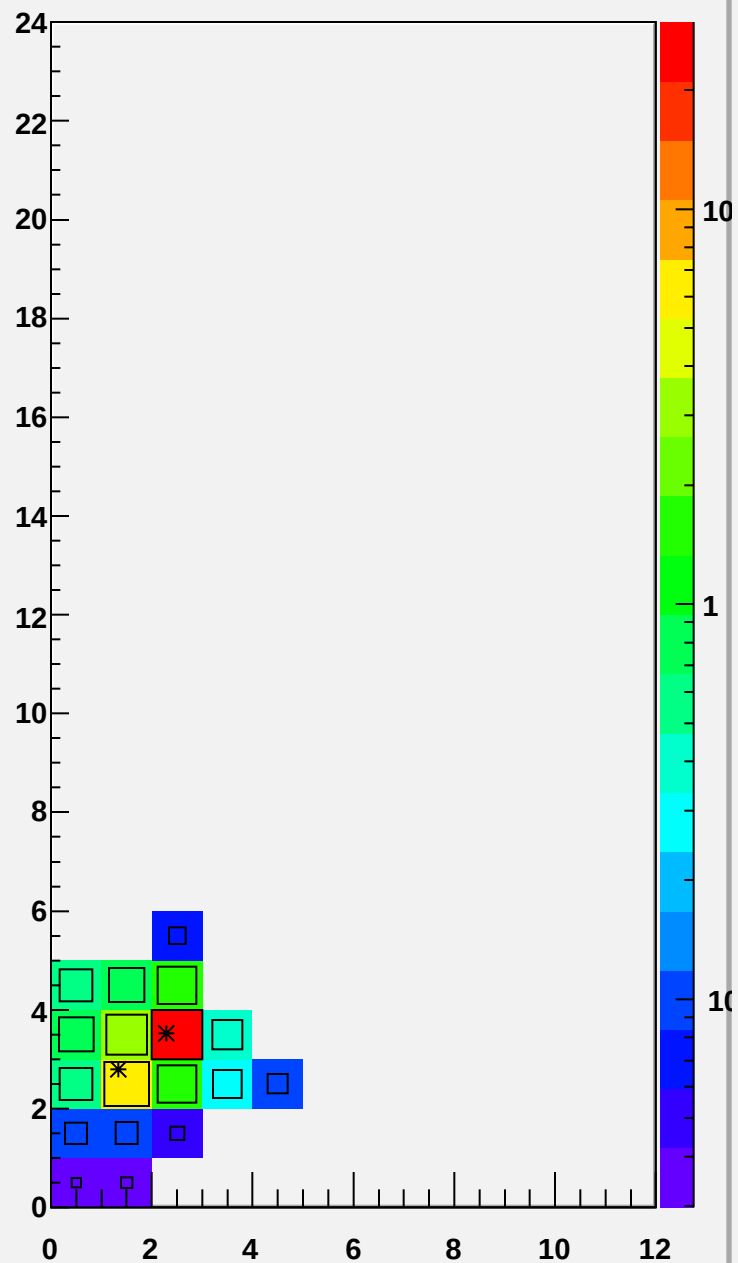
Fitted Energies



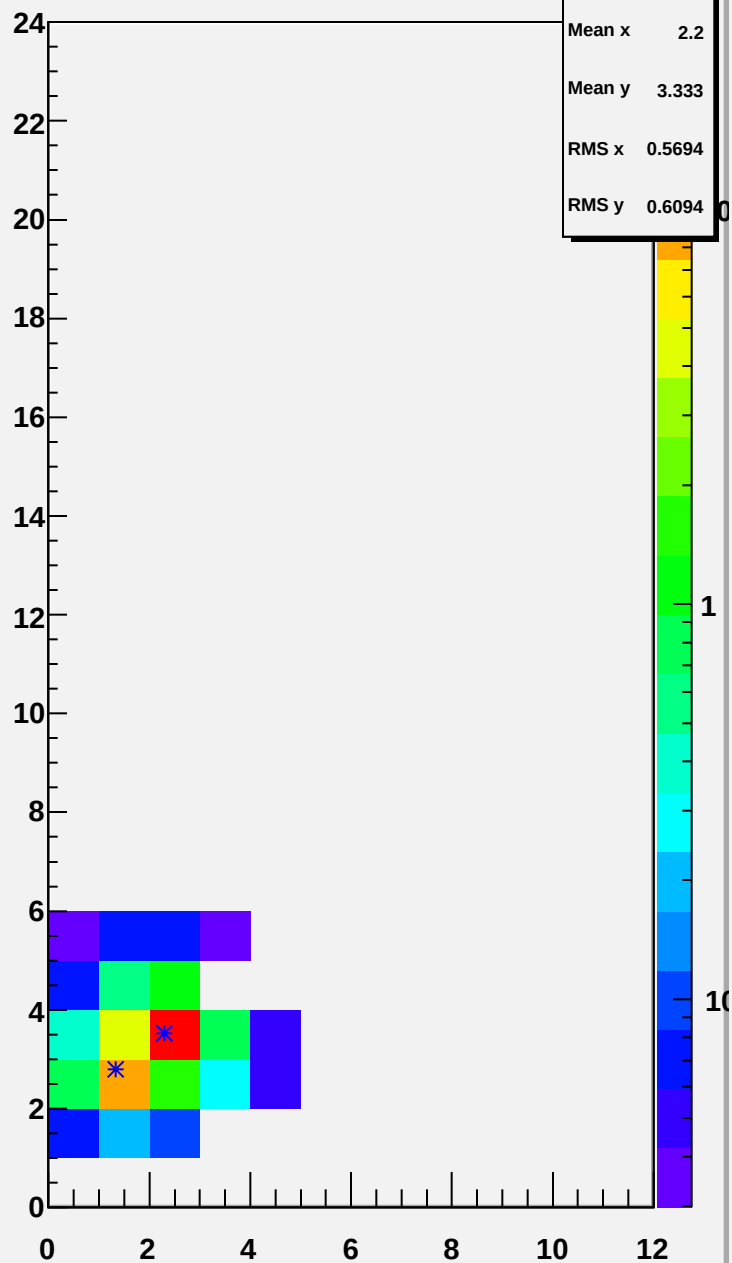
Efit

Entries	288
Mean x	2.49
Mean y	3.251
RMS x	0.4613
RMS y	0.6661

NSTB3_r4_c3_En=47.0_m0=0.128 m1=0.128 index=548



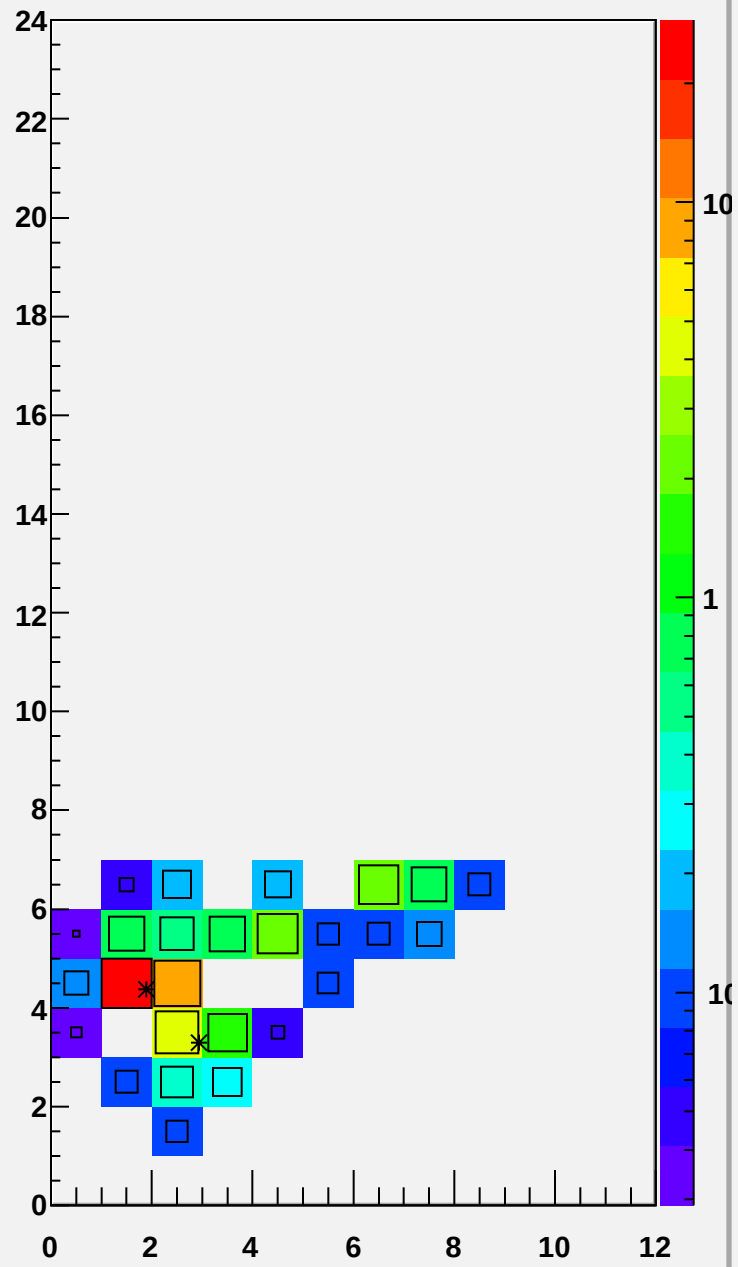
Fitted Energies



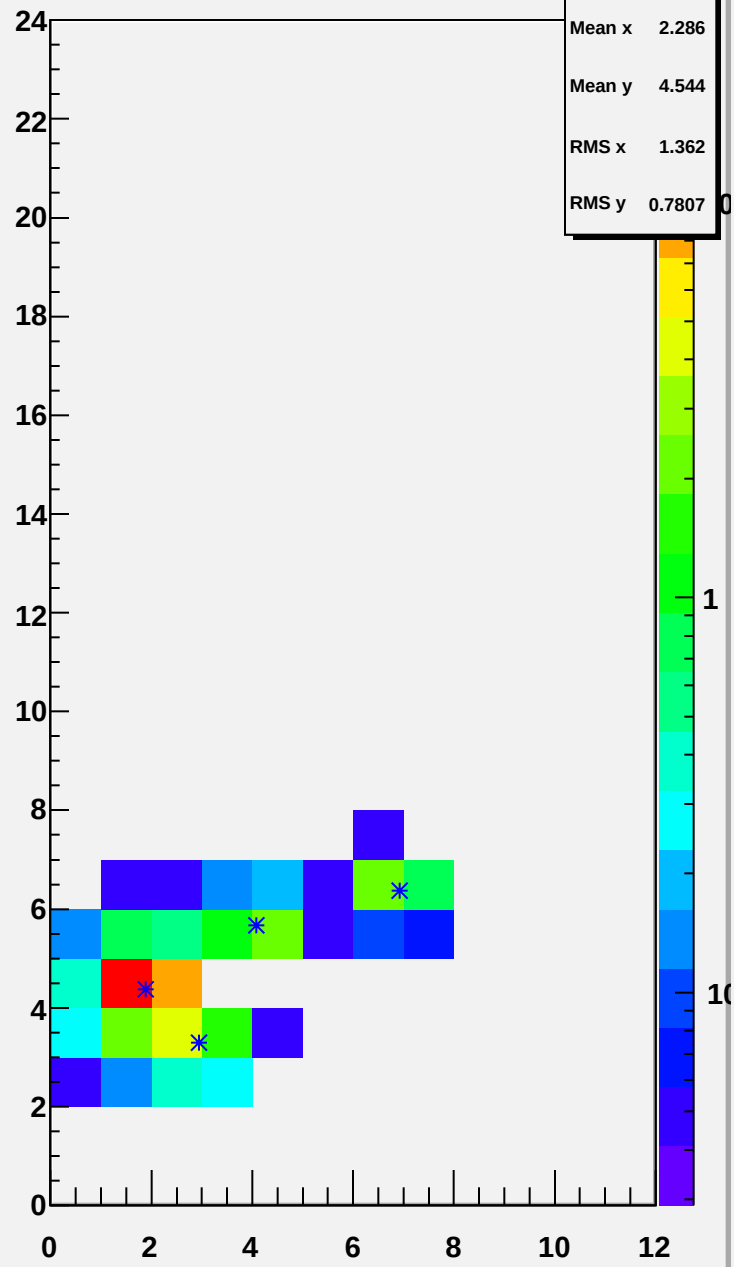
Efit

Entries	288
Mean x	2.2
Mean y	3.333
RMS x	0.5694
RMS y	0.6094

NSTB3_r4_c3_En=53.6_m0=0.126_m1=0.125_index=549



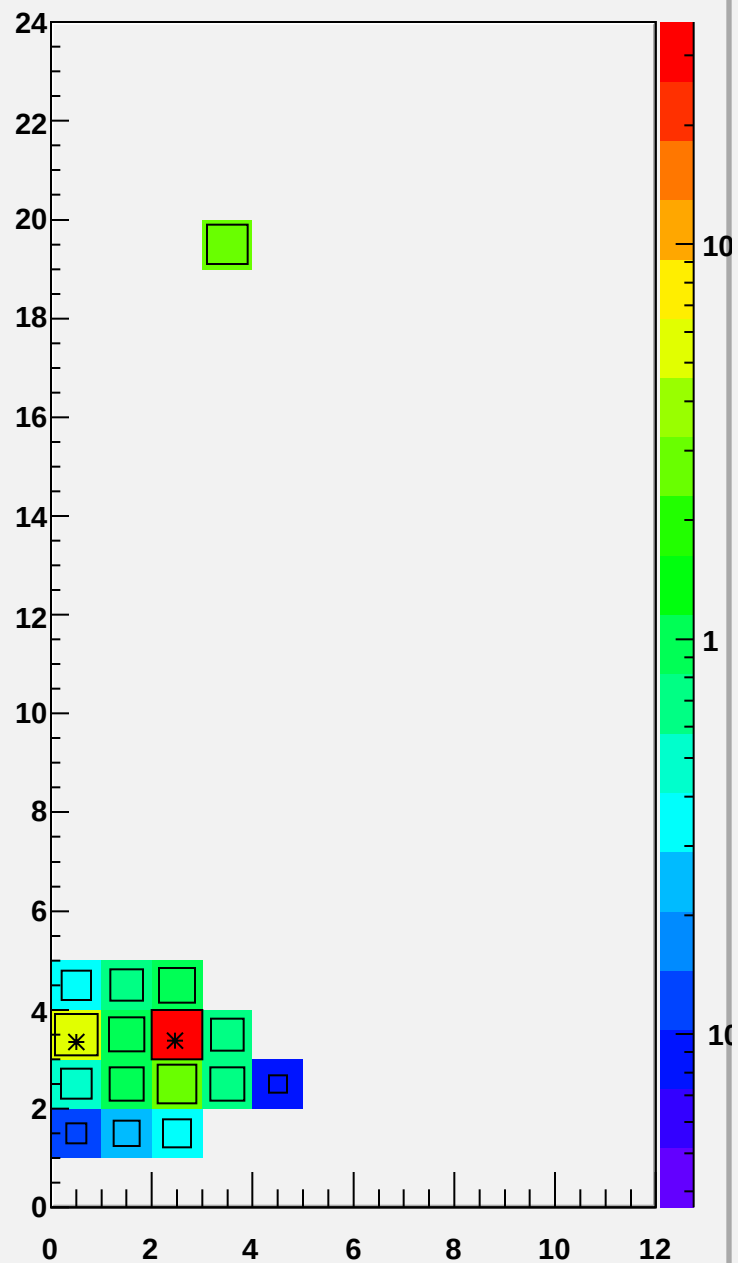
Fitted Energies



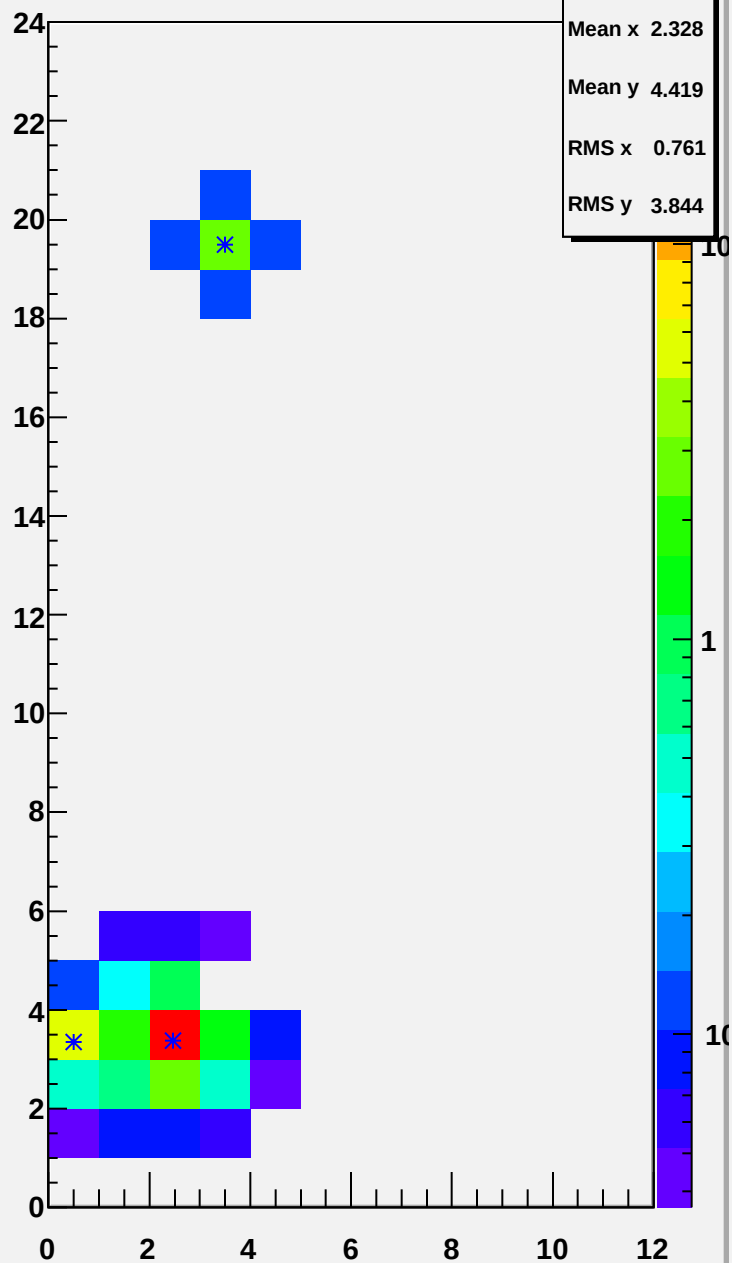
Efit

Entries	288
Mean x	2.286
Mean y	4.544
RMS x	1.362
RMS y	0.7807

NSTB3_r4_c3_En=53.6_m0=0.180 m1=0.180 index=550



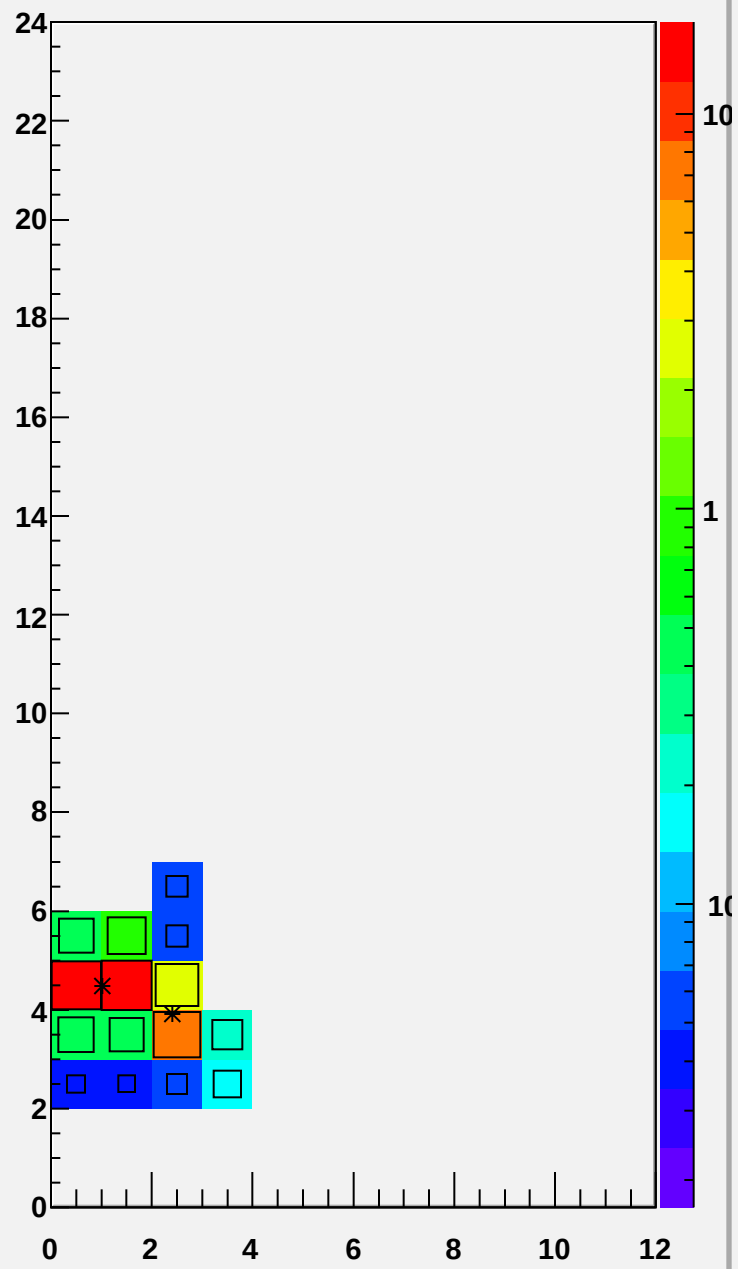
Fitted Energies



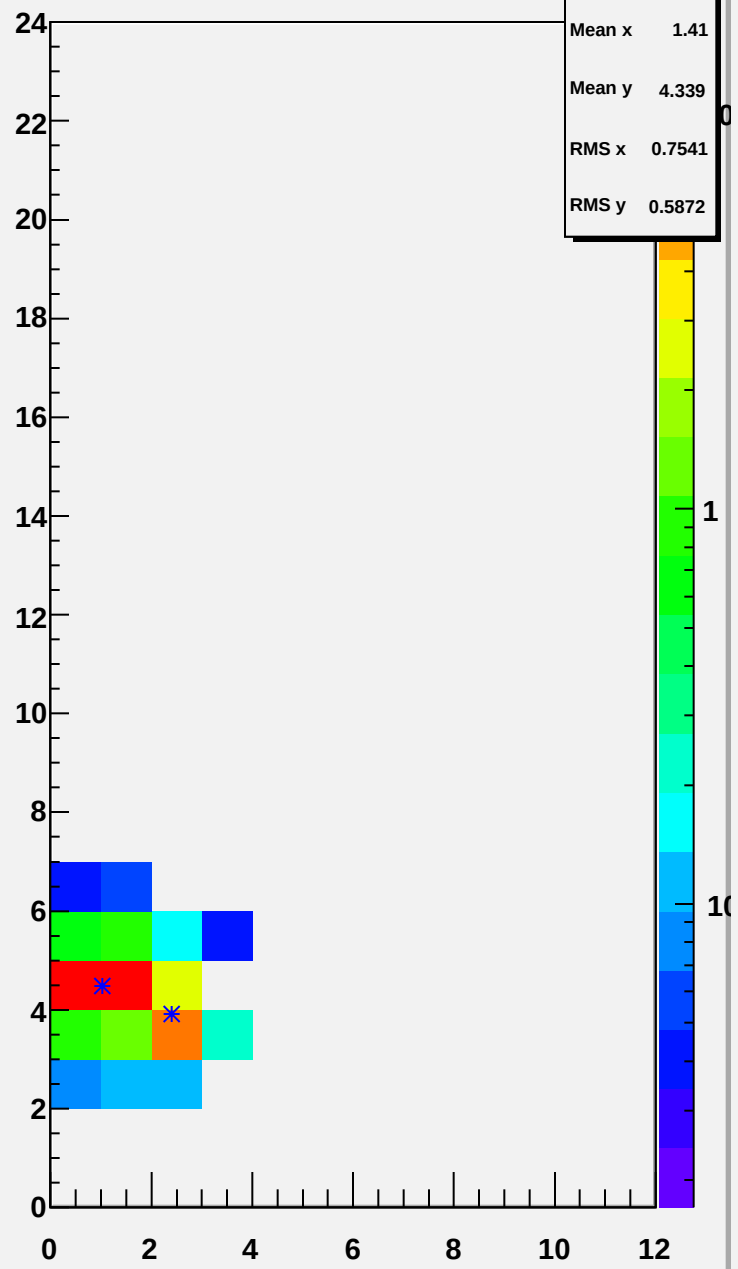
Efit

Entries 288
Mean x 2.328
Mean y 4.419
RMS x 0.761
RMS y 3.844

NSTB3_r4_c3_En=41.1_m0=0.151_m1=0.151_index=551



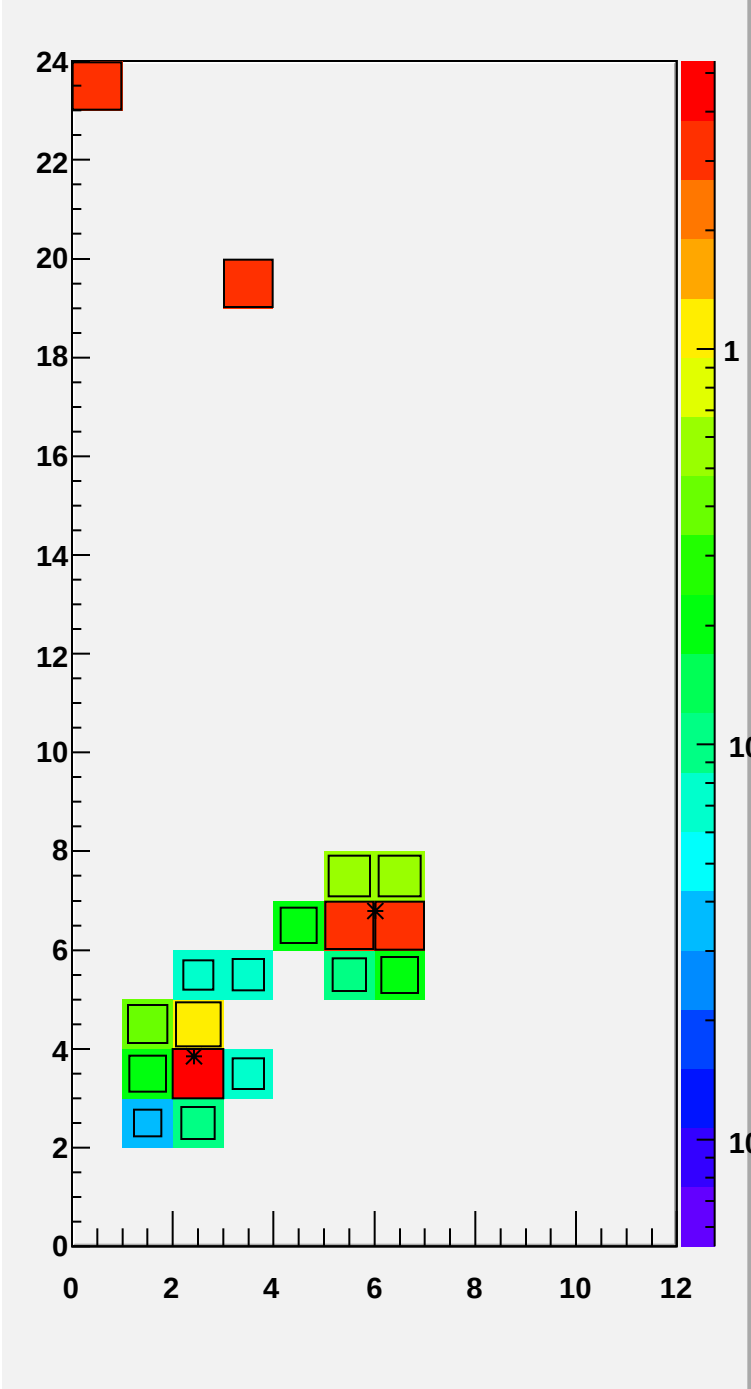
Fitted Energies



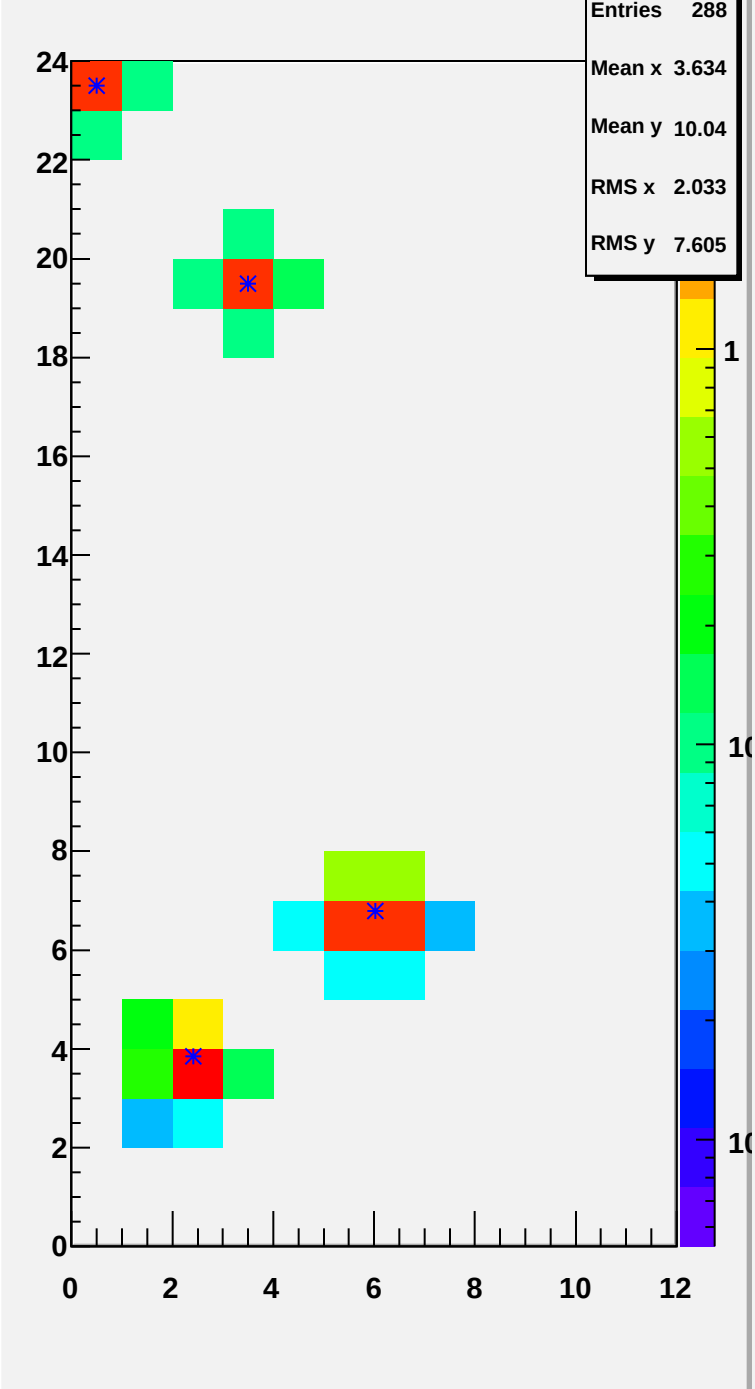
Efit

Entries	288
Mean x	1.41
Mean y	4.339
RMS x	0.7541
RMS y	0.5872

NSTB3_r4_c3_En=22.0_m0=0.199 m1=0.199 index=552



Fitted Energies



Efit

Entries	288

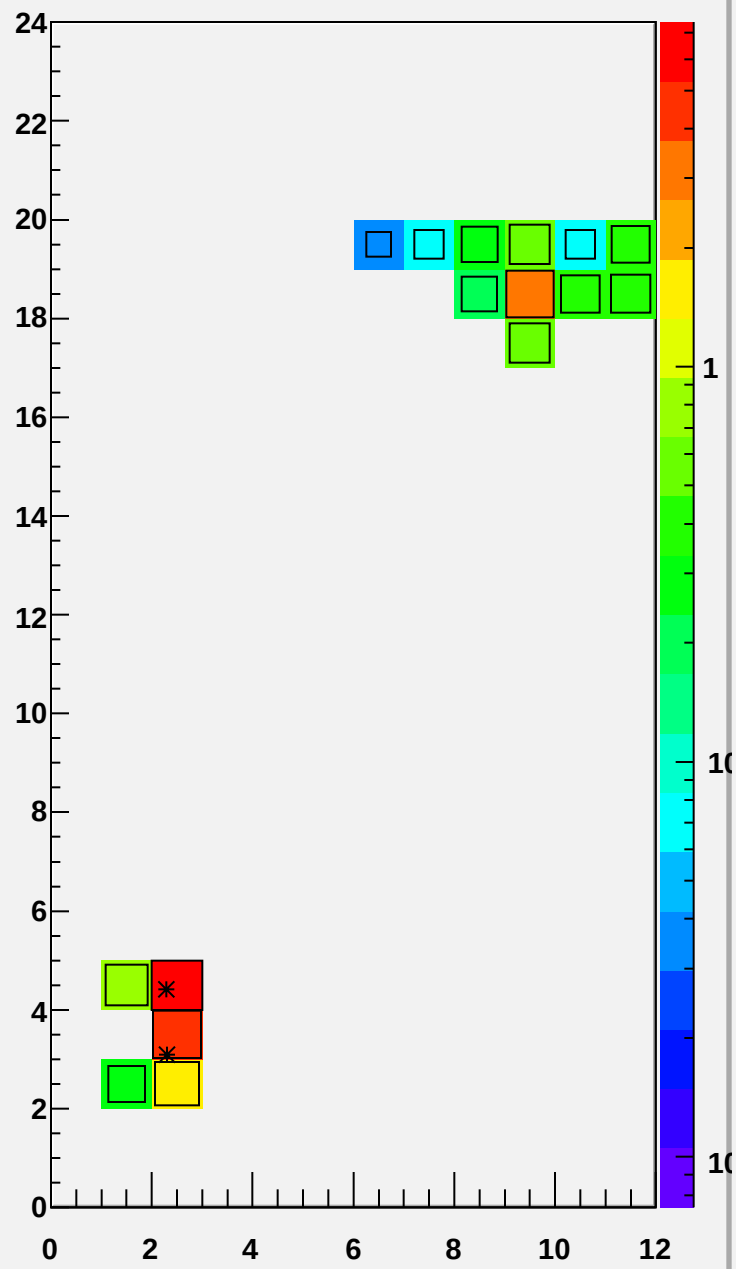
Mean $\bar{x}$ 2.624

Mean x 3.634

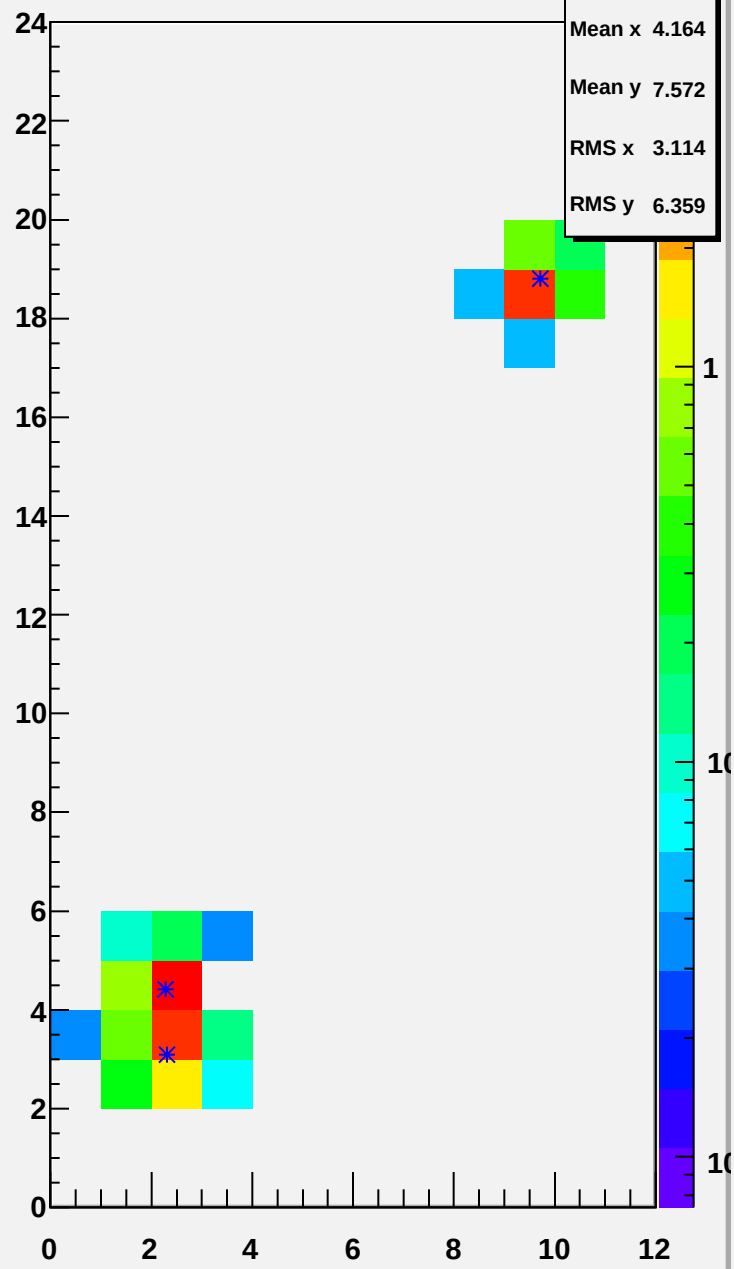
Mean y 10.04

mean: 9.04

NSTB3_r4_c3_En=21.0_m0=0.058 m1=0.058 index=554



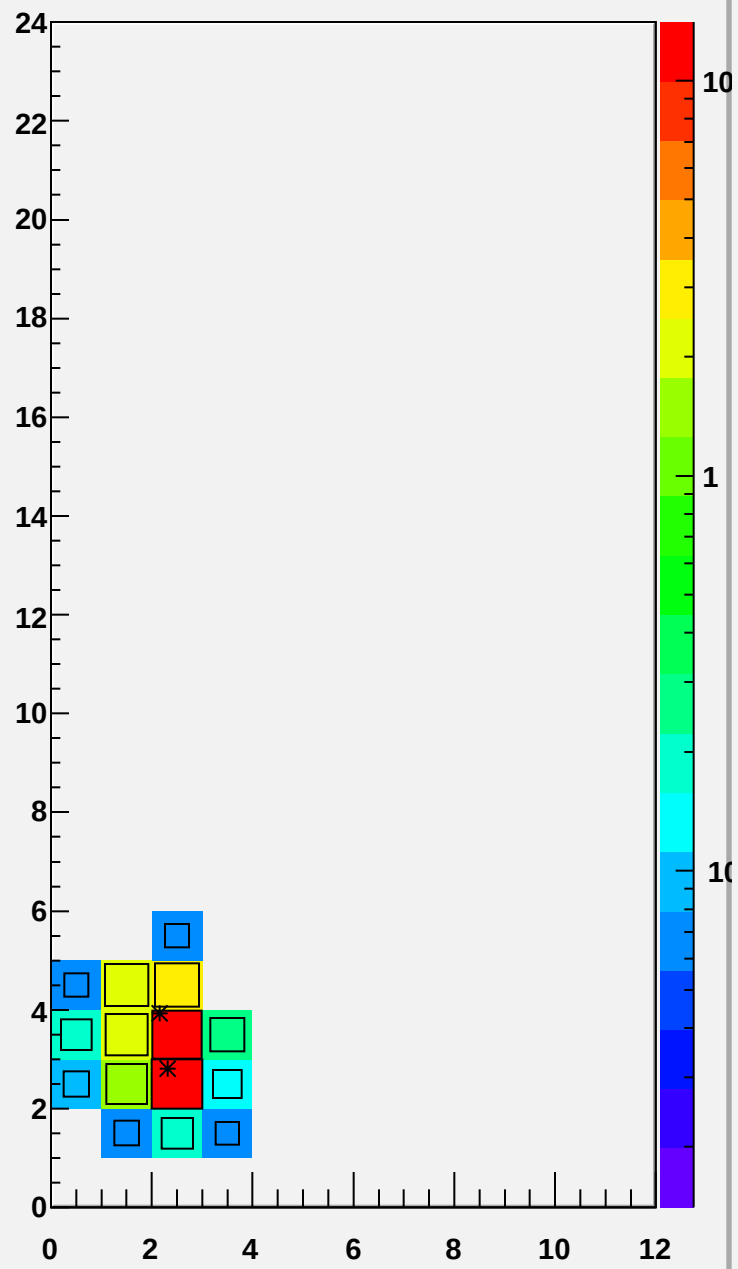
Fitted Energies



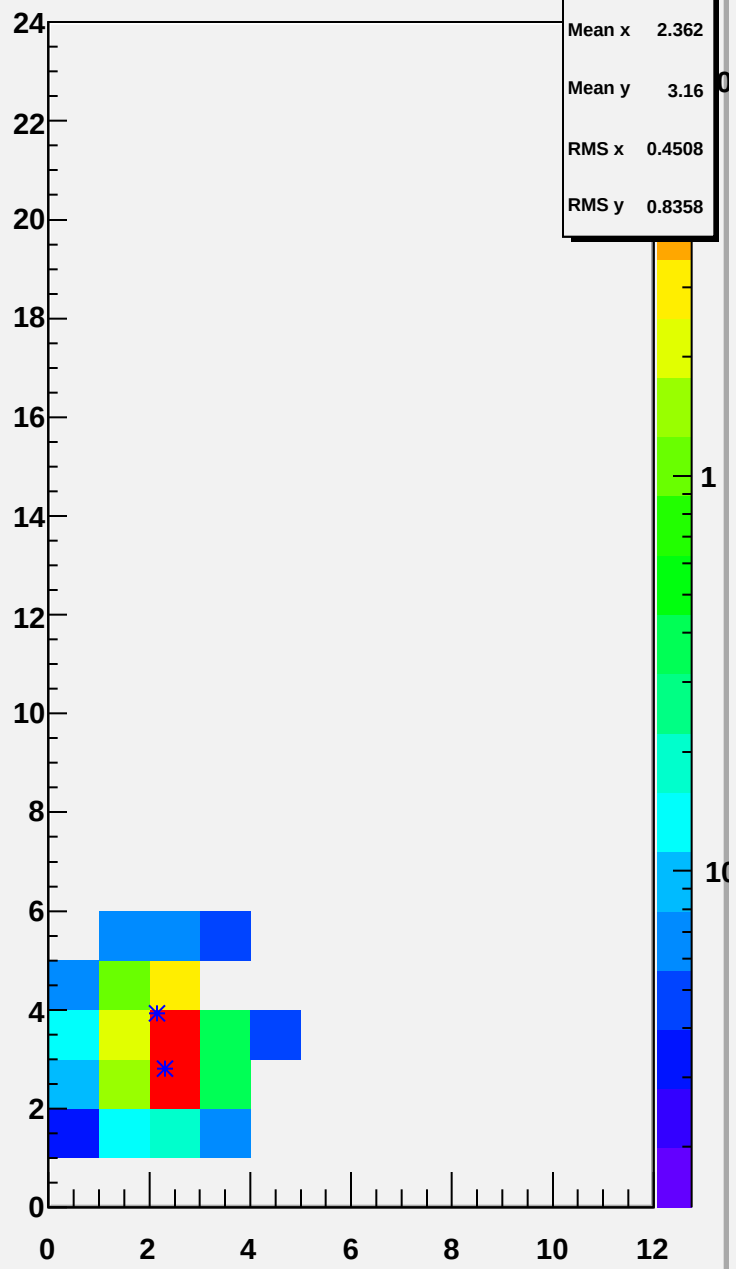
Efit

Entries 288
Mean x 4.164
Mean y 7.572
RMS x 3.114
RMS y 6.359

NSTB3_r4_c3_En=33.6_m0=0.104_m1=0.103_index=555



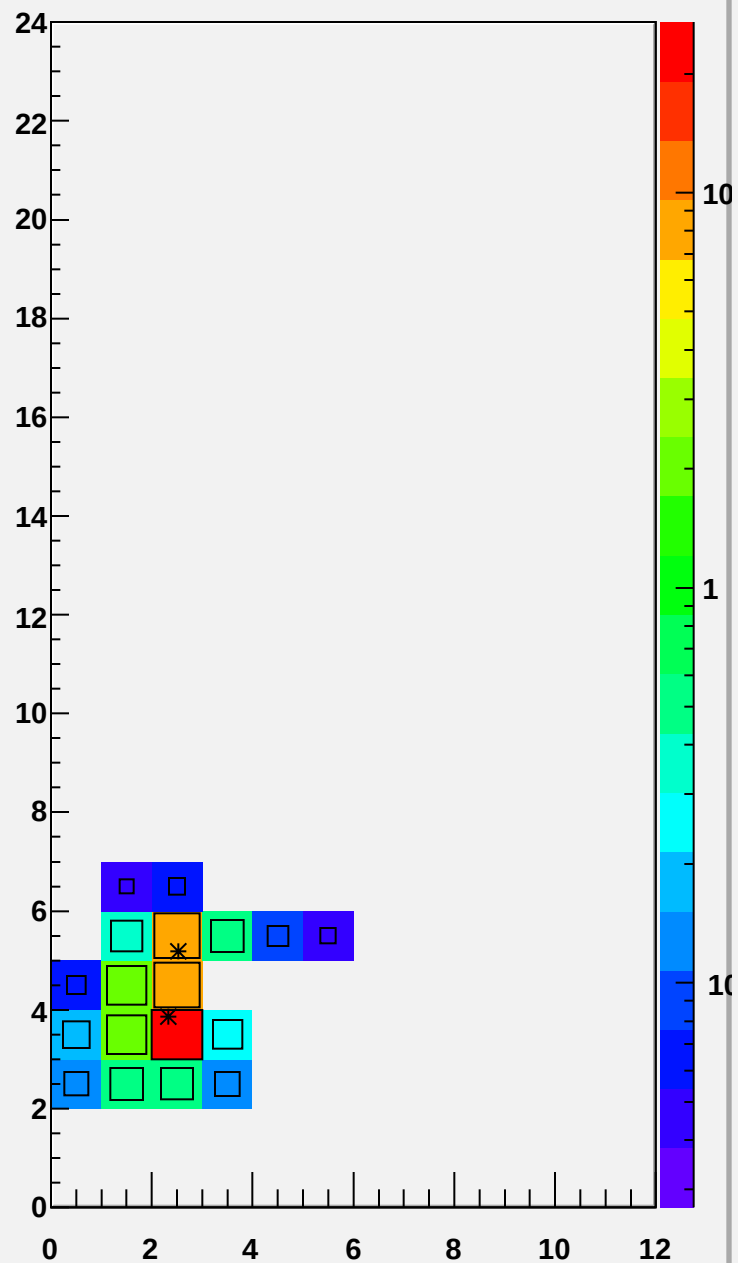
Fitted Energies



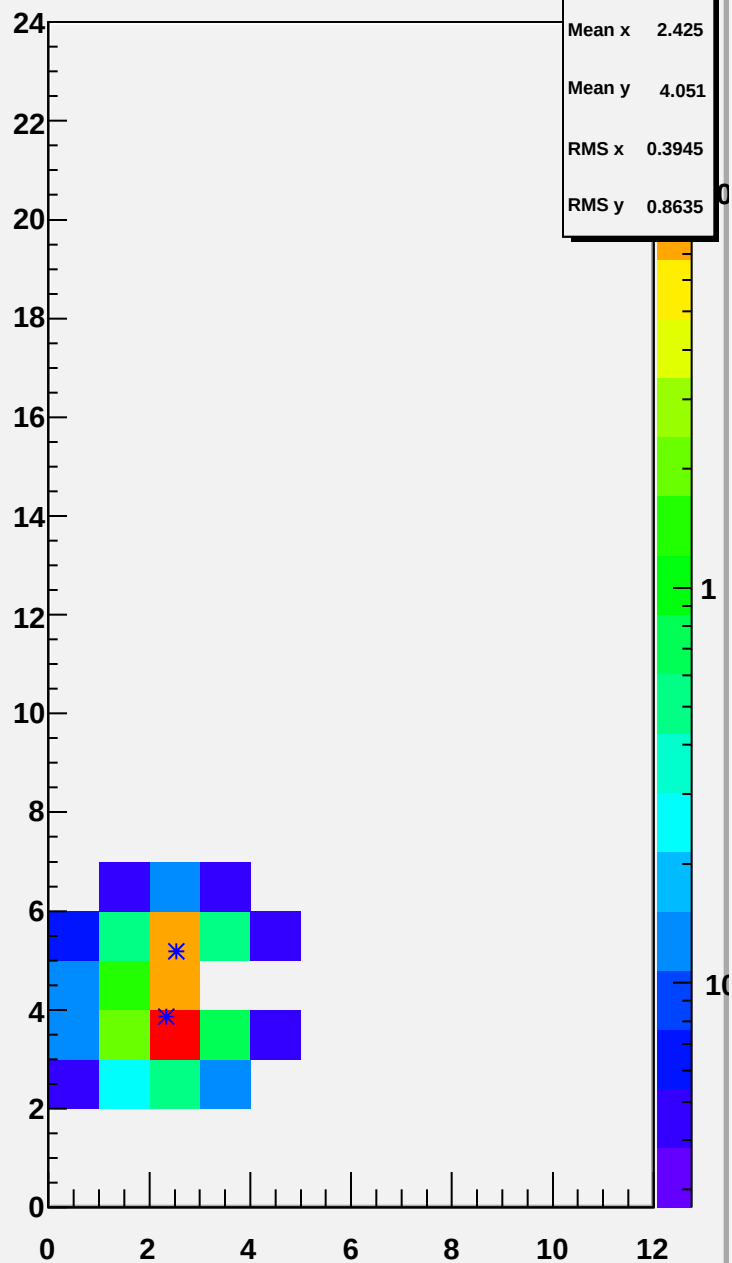
Efit

Entries	288
Mean x	2.362
Mean y	3.16
RMS x	0.4508
RMS y	0.8358

NSTB3_r4_c3_En=49.0_m0=0.147 m1=0.148 index=556



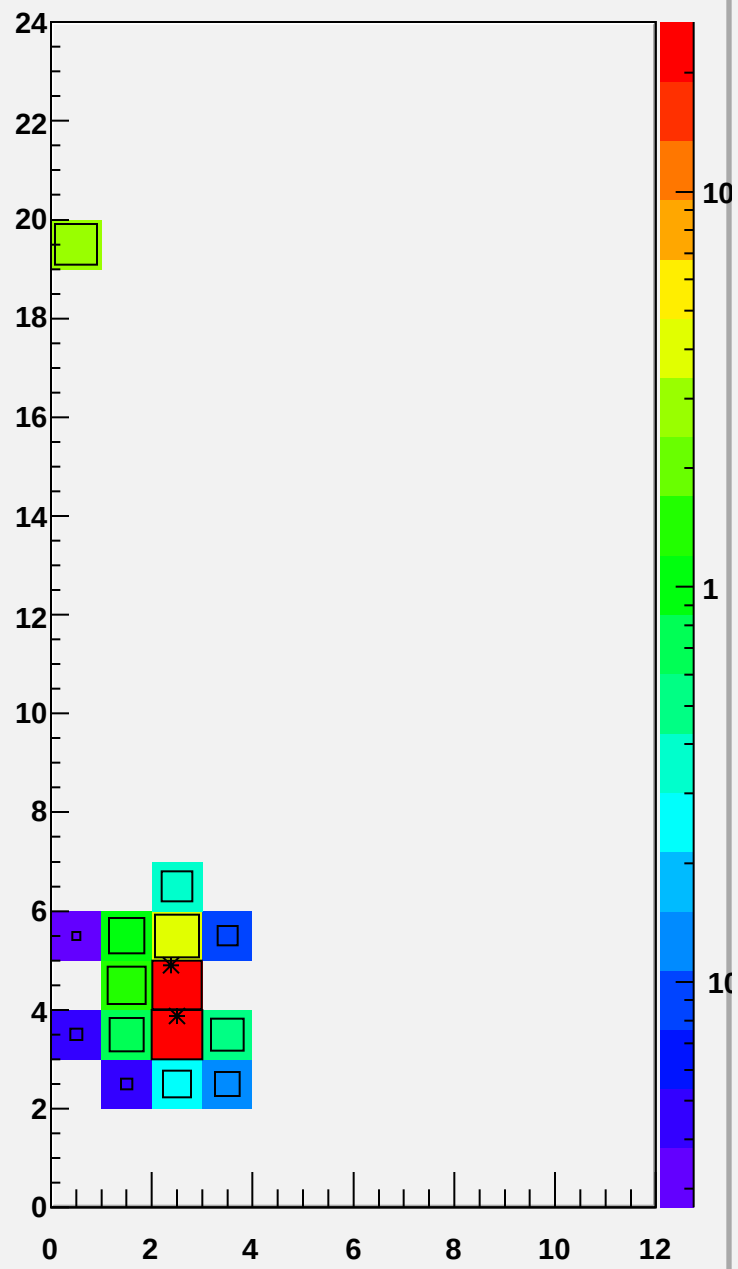
Fitted Energies



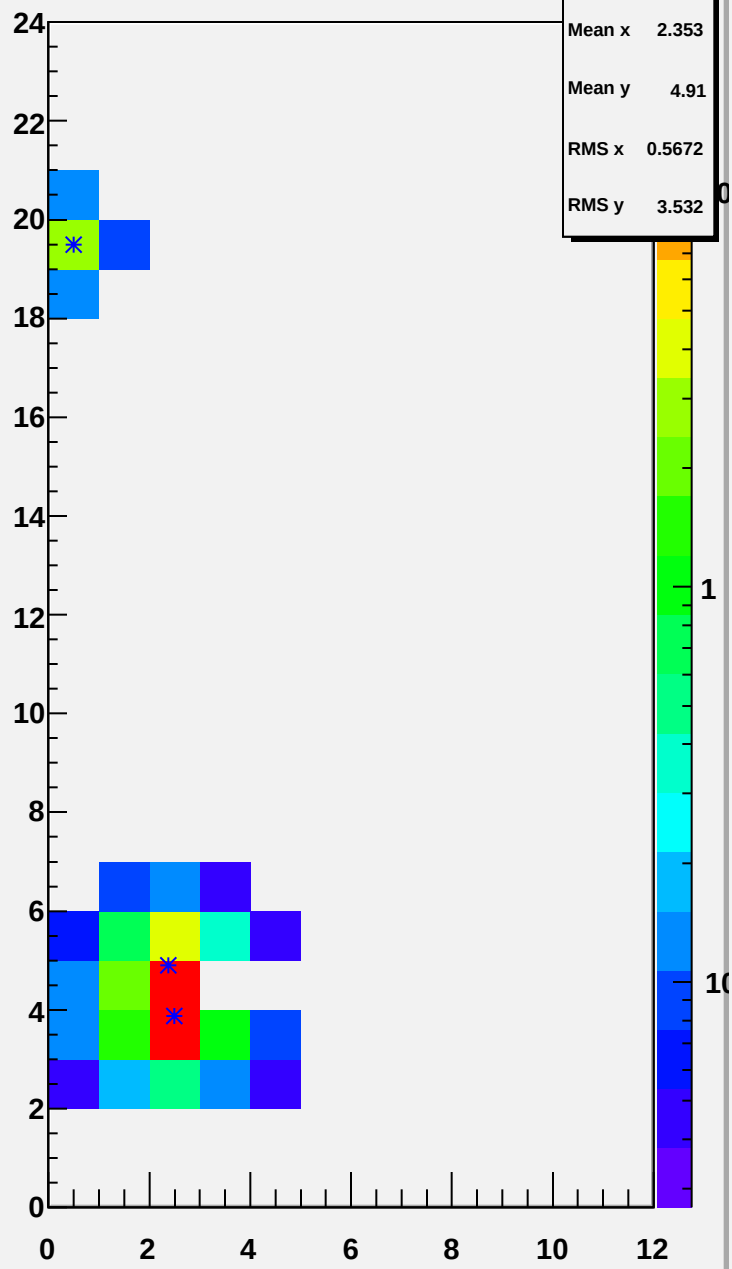
Efit

Entries	288
Mean x	2.425
Mean y	4.051
RMS x	0.3945
RMS y	0.8635

NSTB3_r4_c3_En=59.2_m0=0.159 m1=0.158 index=557



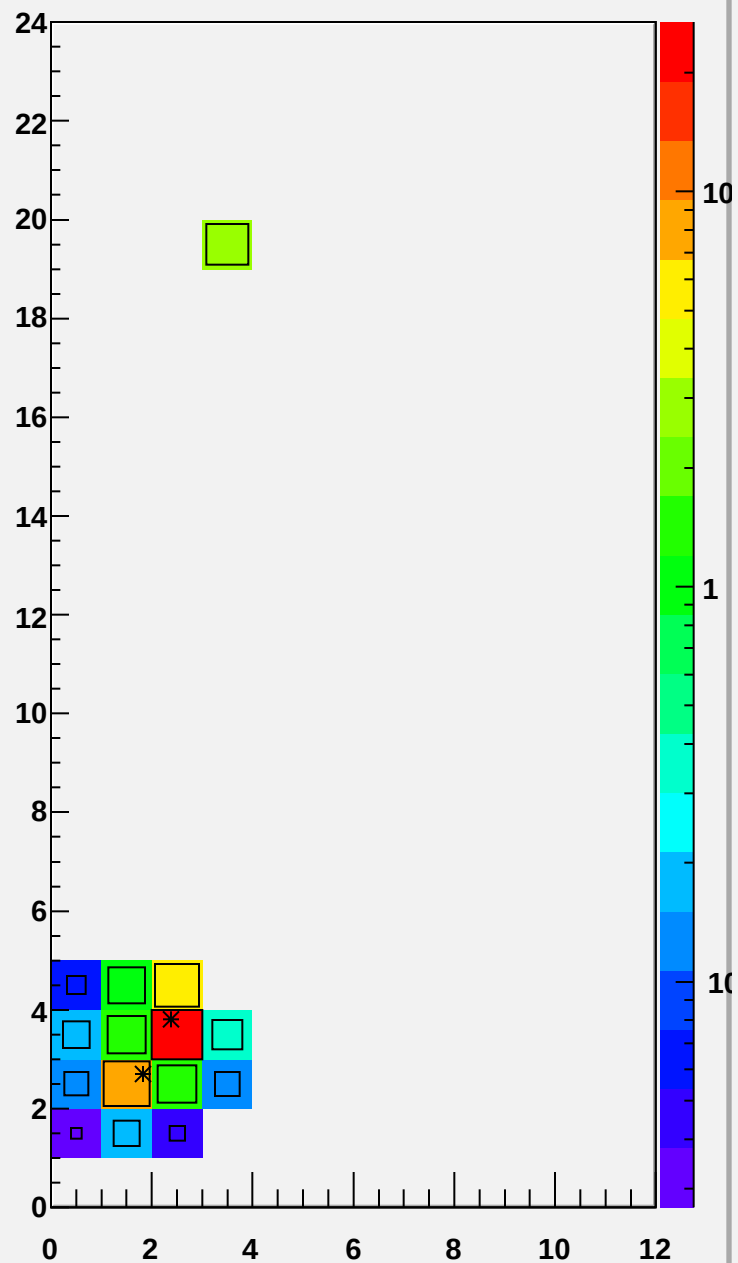
Fitted Energies



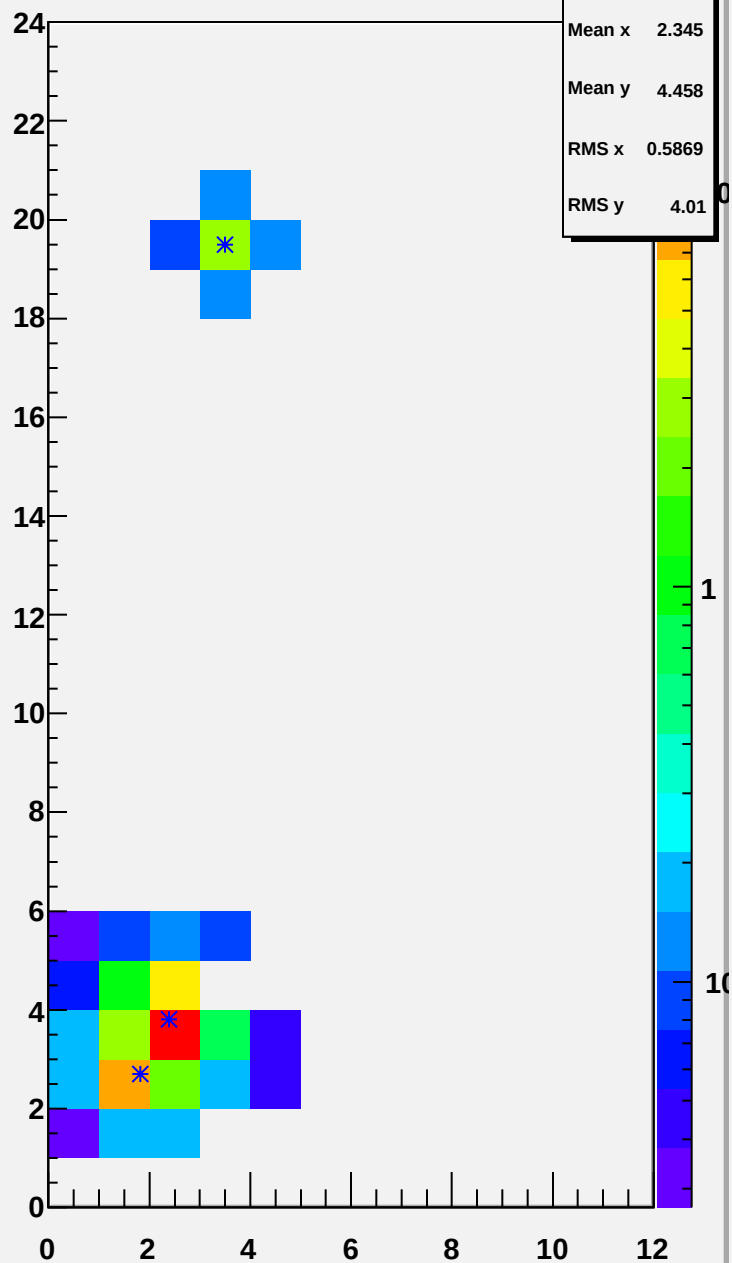
Efit

Entries	288
Mean x	2.353
Mean y	4.91
RMS x	0.5672
RMS y	3.532

NSTB3_r4_c3_En=47.4_m0=0.136 m1=0.135 index=558



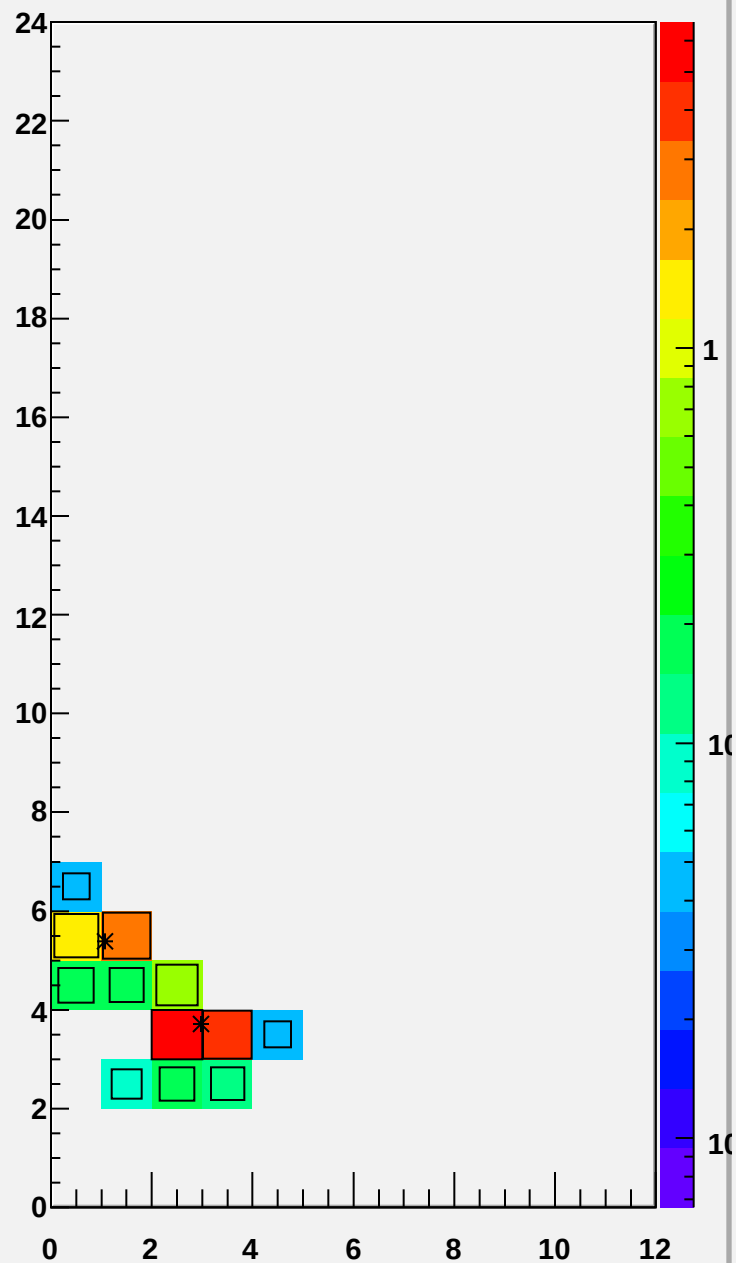
Fitted Energies



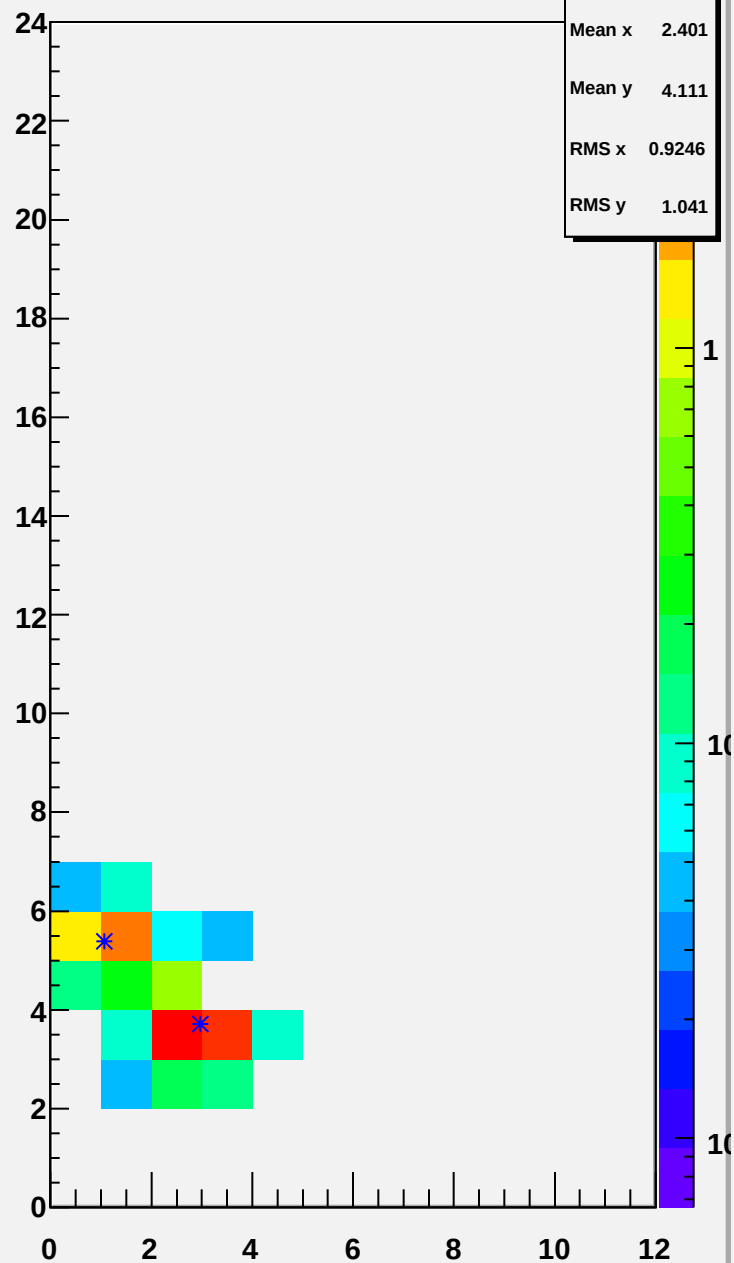
Efit

Entries	288
Mean x	2.345
Mean y	4.458
RMS x	0.5869
RMS y	4.01

NSTB3_r4_c3_En=17.2_m0=0.113 m1=0.114 index=559



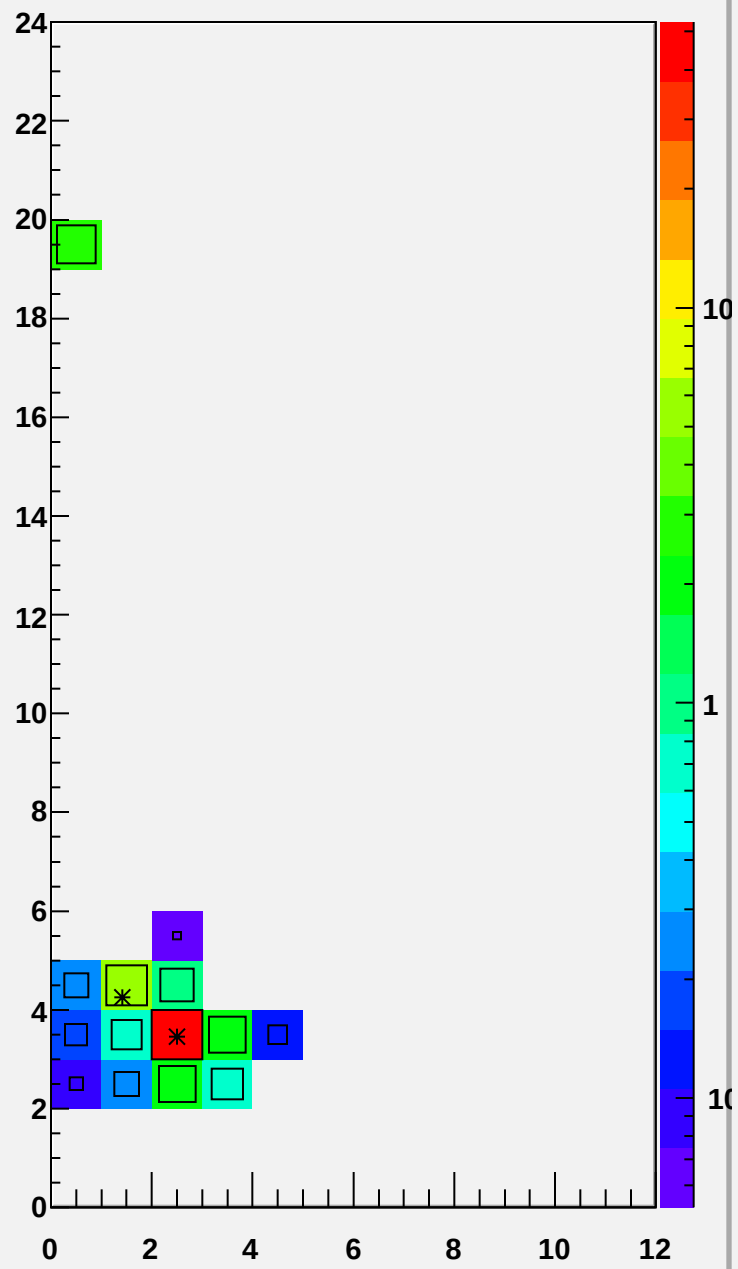
Fitted Energies



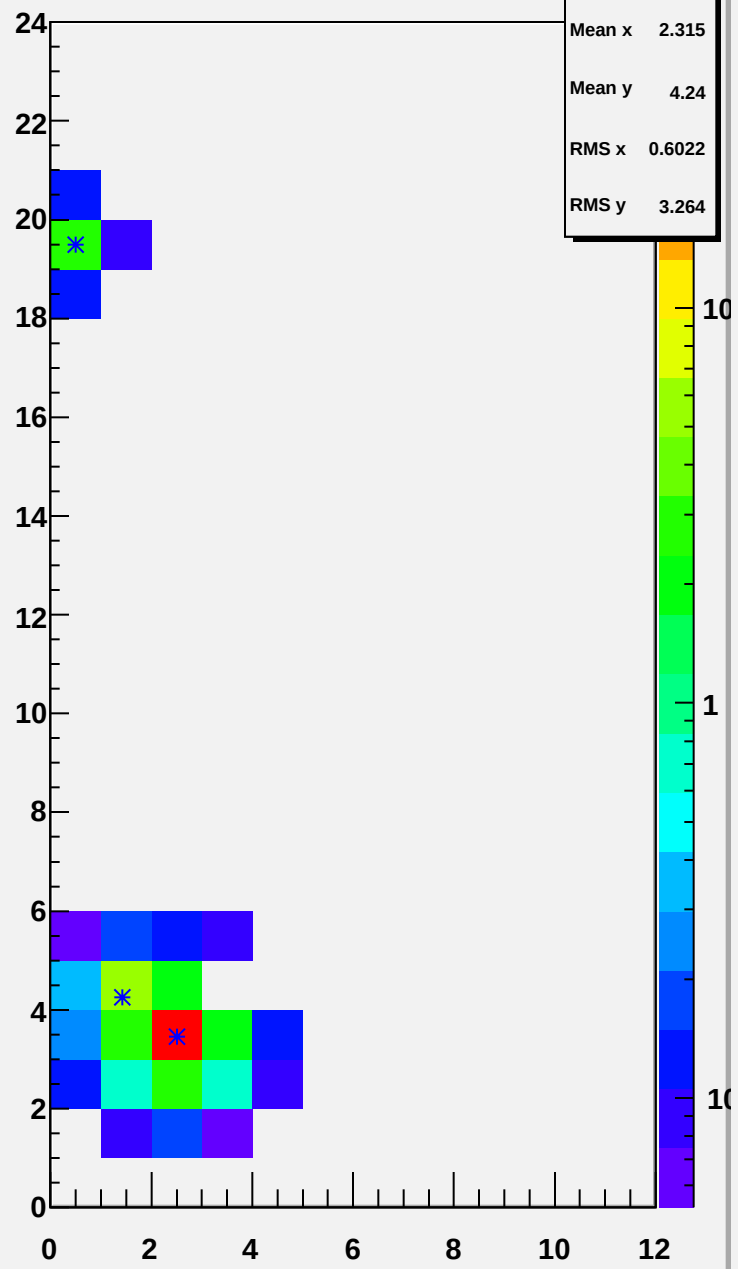
Efit

Entries	288
Mean x	2.401
Mean y	4.111
RMS x	0.9246
RMS y	1.041

NSTB3_r4_c3_En=68.6_m0=0.150_m1=0.150_index=561



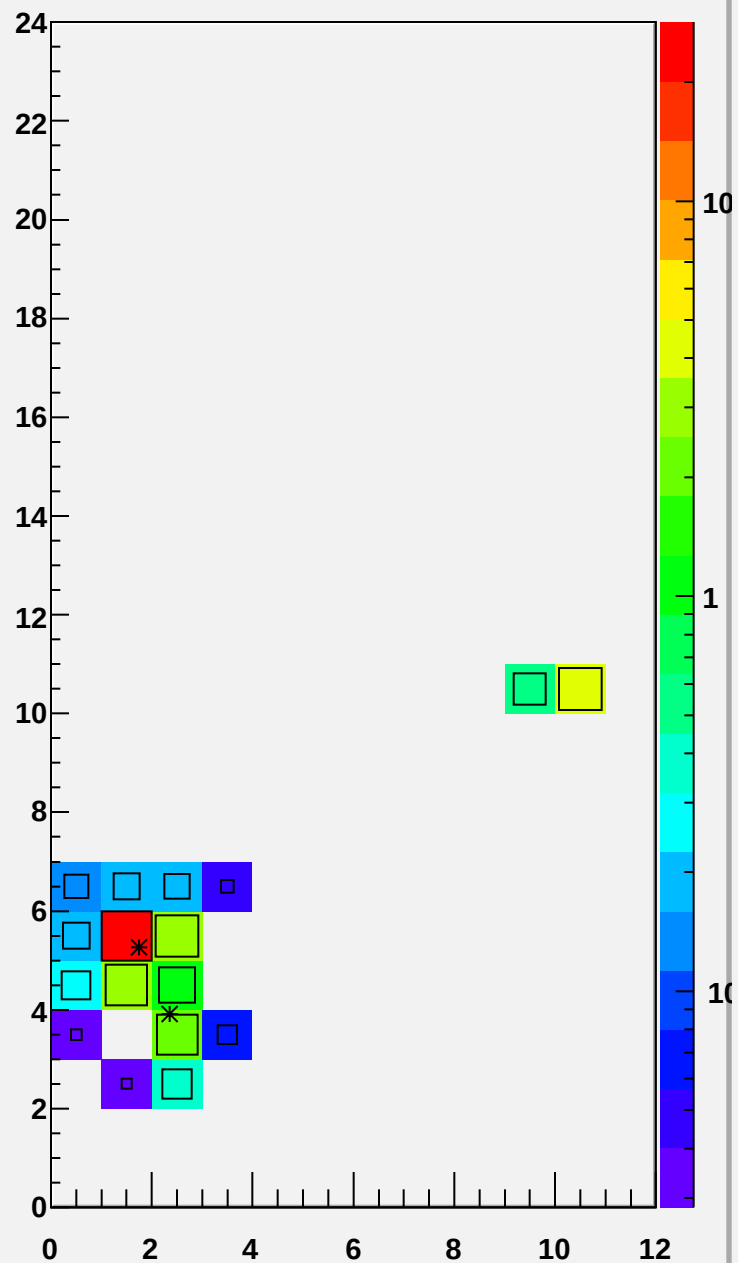
Fitted Energies



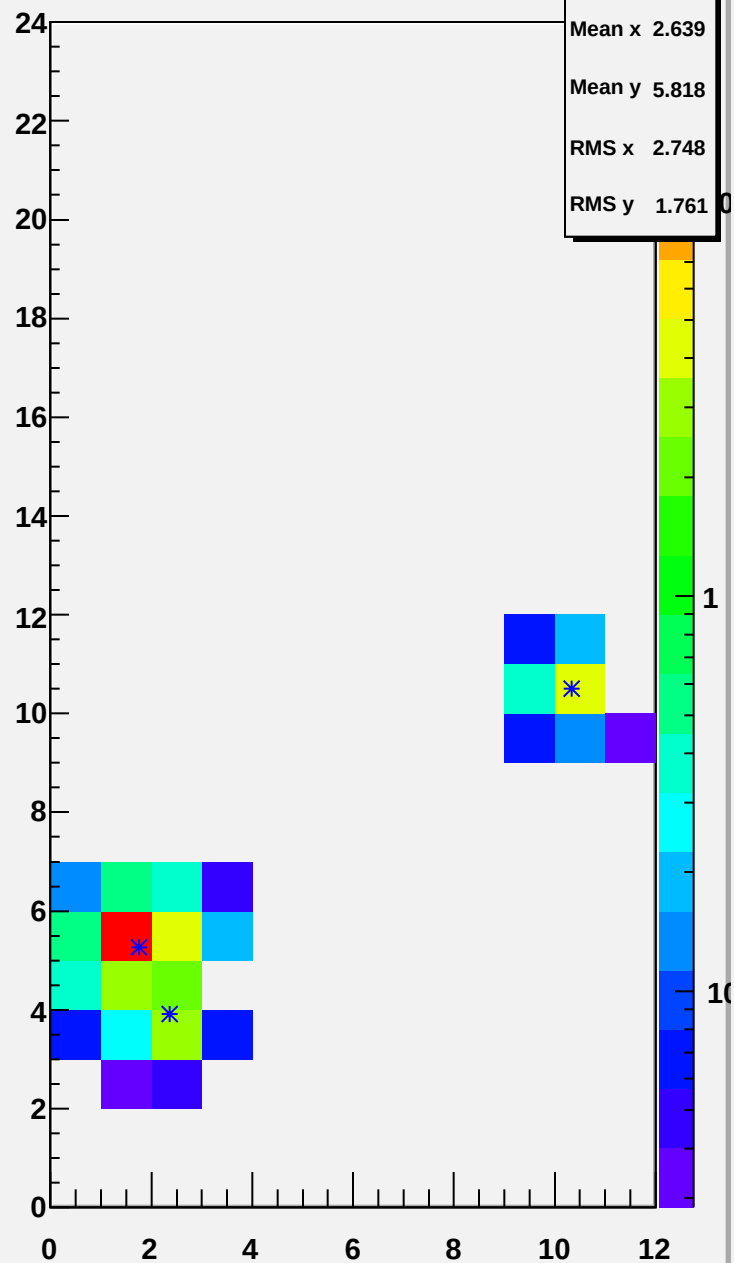
Efit

Entries	288
Mean x	2.315
Mean y	4.24
RMS x	0.6022
RMS y	3.264

NSTB3_r4_c3_En=44.6_m0=0.102 m1=0.102 index=563



Fitted Energies



Efit

Entries 288

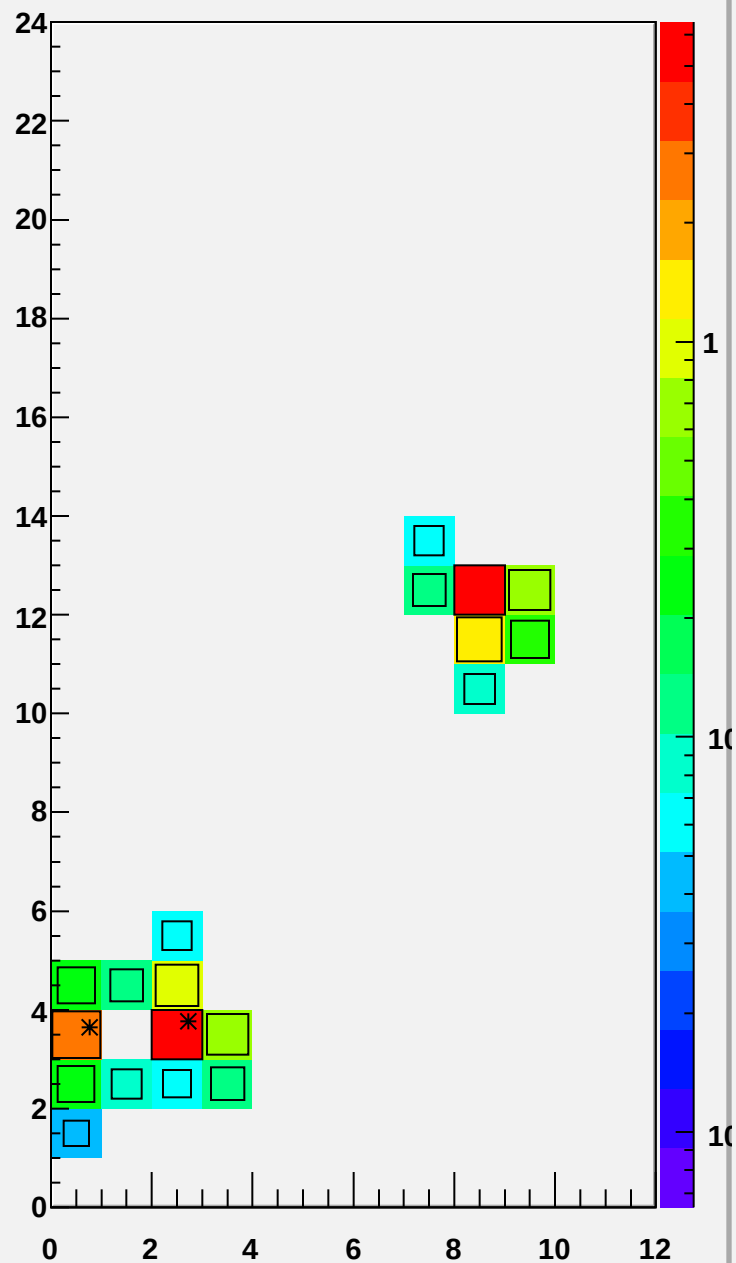
Mean x 2.639

Mean y 5.818

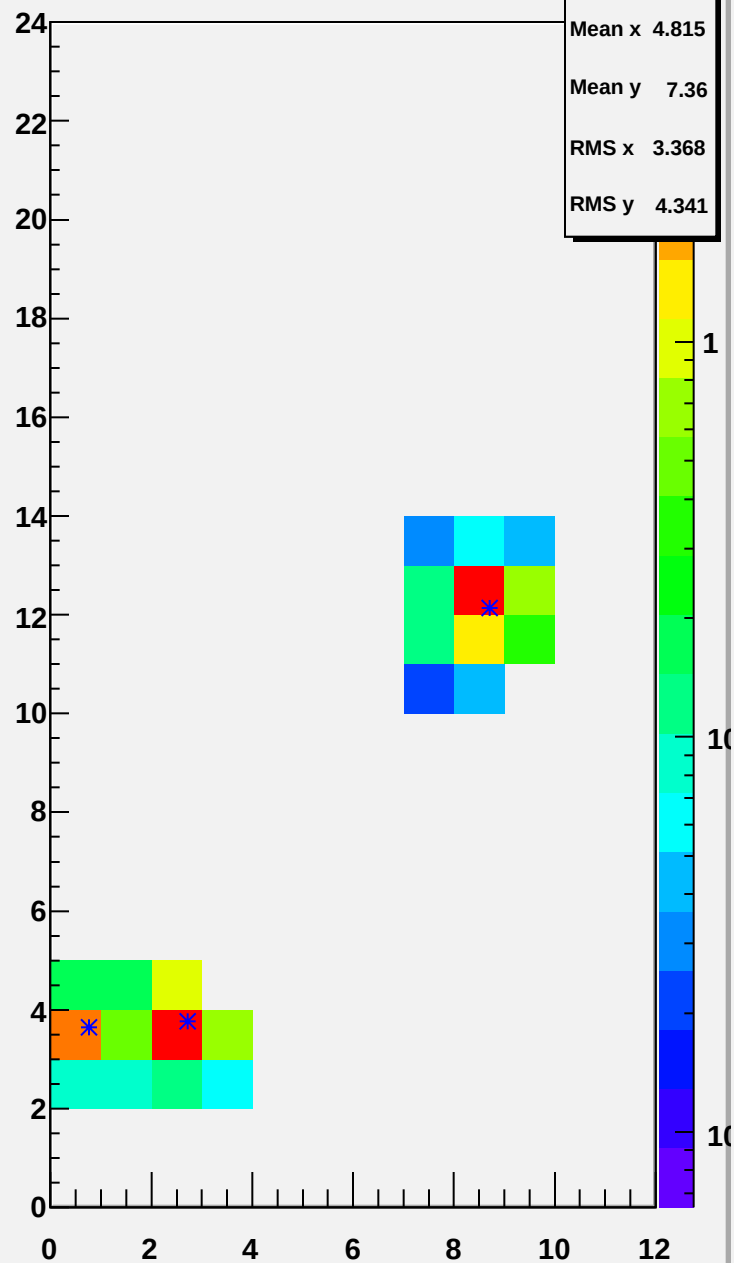
RMS x 2.748

RMS y 1.761

NSTB3_r4_c3_En=21.1_m0=0.063 m1=0.063 index=565



Fitted Energies



Efit

Entries 288

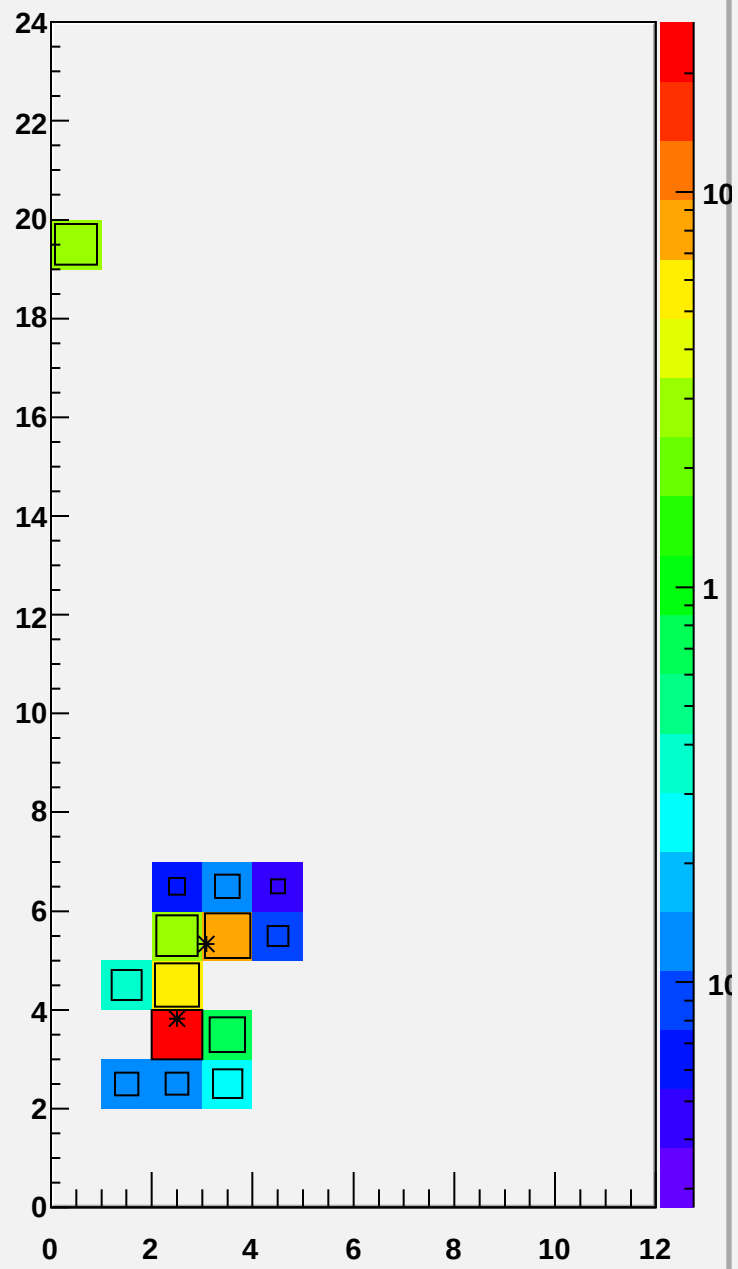
Mean x 4.815

Mean y 7.36

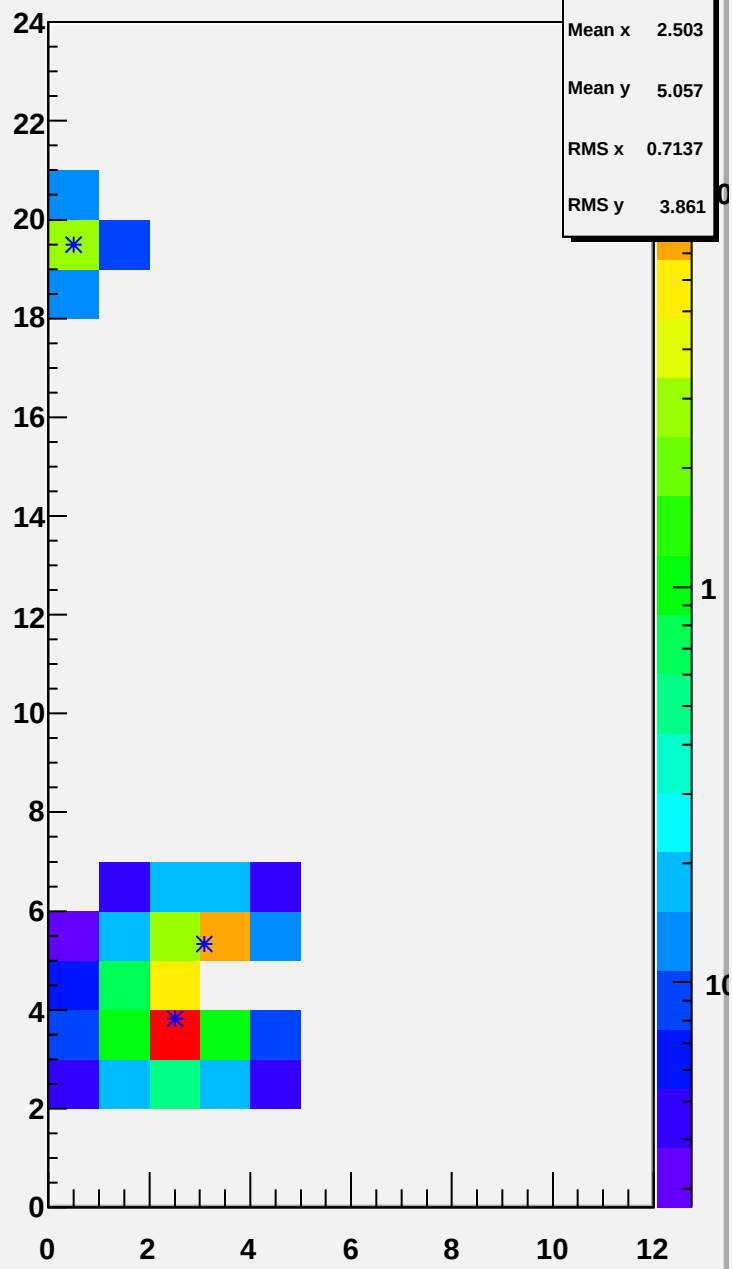
RMS x 3.368

RMS y 4.341

NSTB3_r4_c3_En=47.1_m0=0.180 m1=0.180 index=566



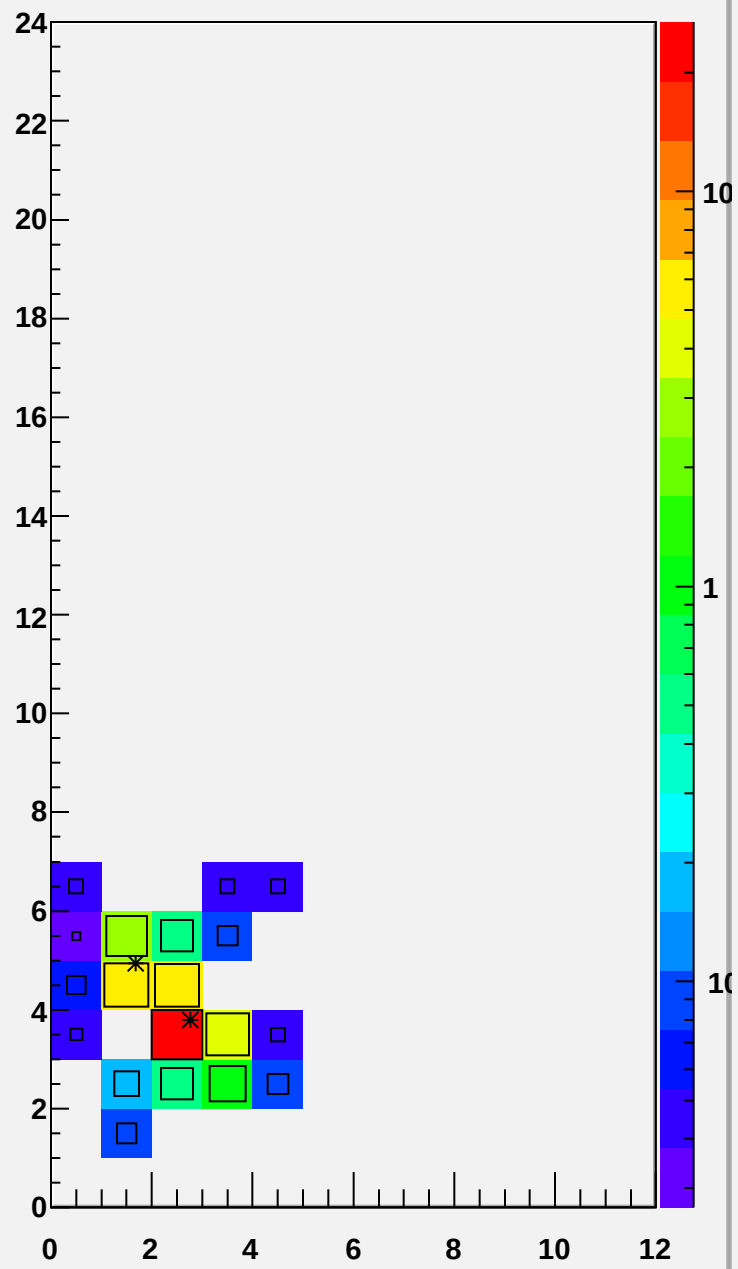
Fitted Energies



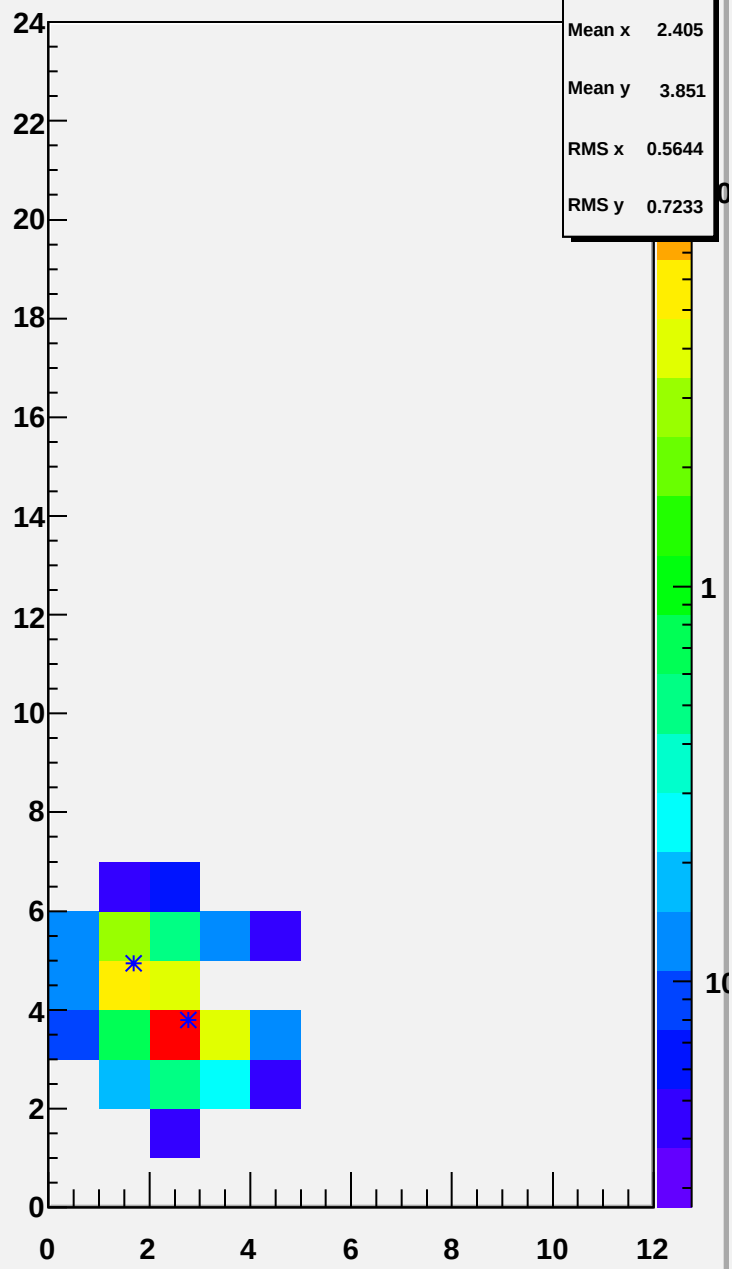
Efit

Entries	288
Mean x	2.503
Mean y	5.057
RMS x	0.7137
RMS y	3.861

NSTB3_r4_c3_En=45.6_m0=0.157 m1=0.157 index=569



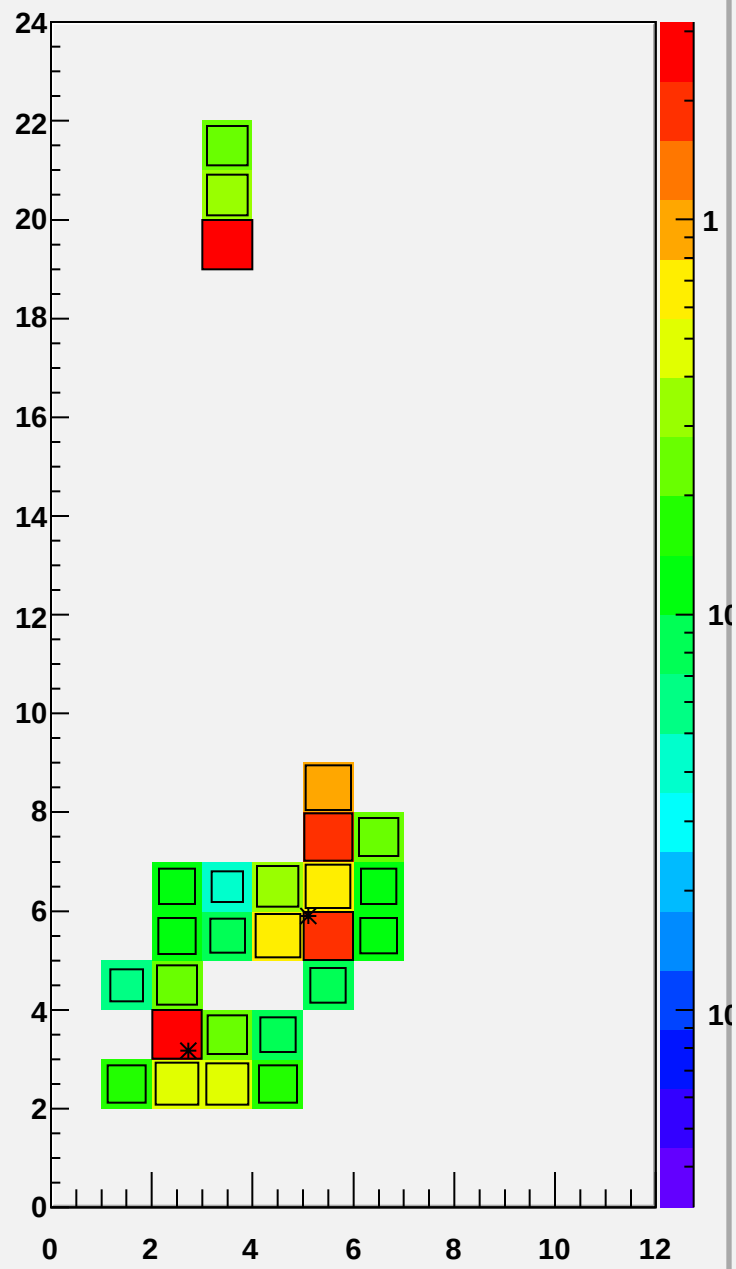
Fitted Energies



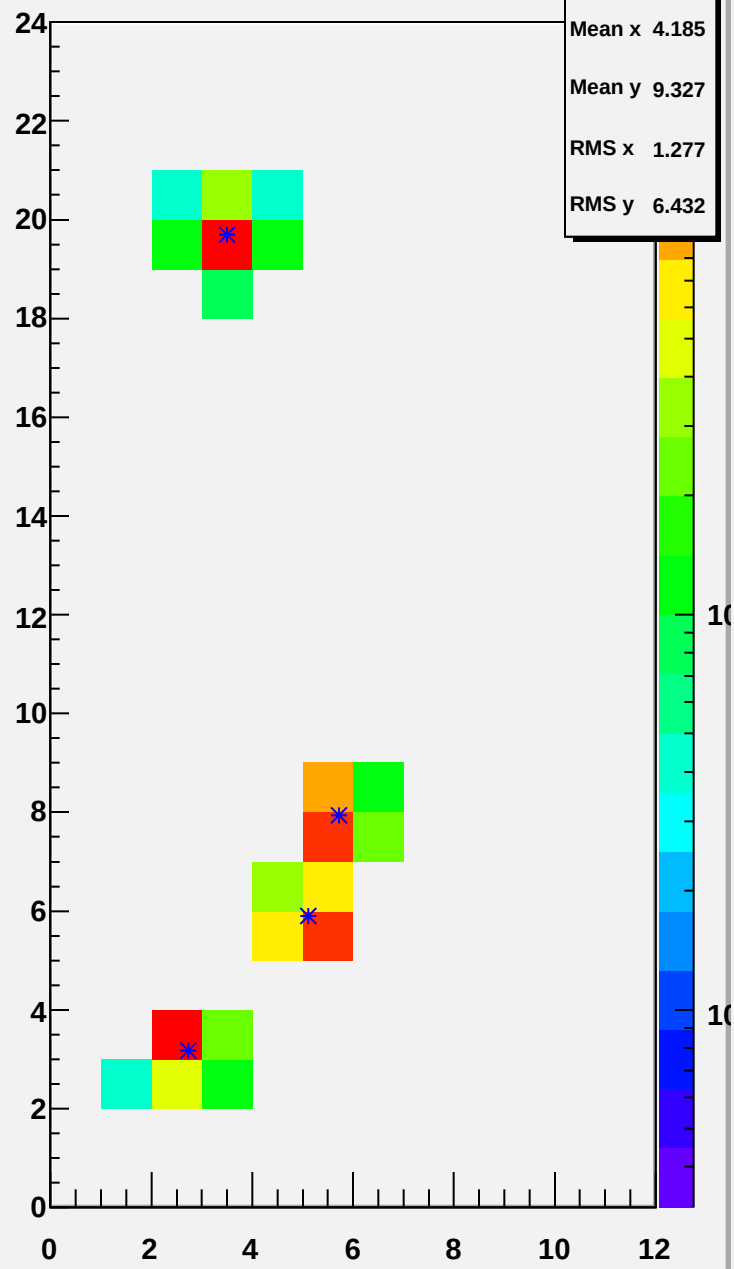
Efit

Entries	288
Mean x	2.405
Mean y	3.851
RMS x	0.5644
RMS y	0.7233

NSTB3_r4_c3_En=15.8_m0=0.080_m1=0.080_index=570



Fitted Energies



Efit

Entries 288

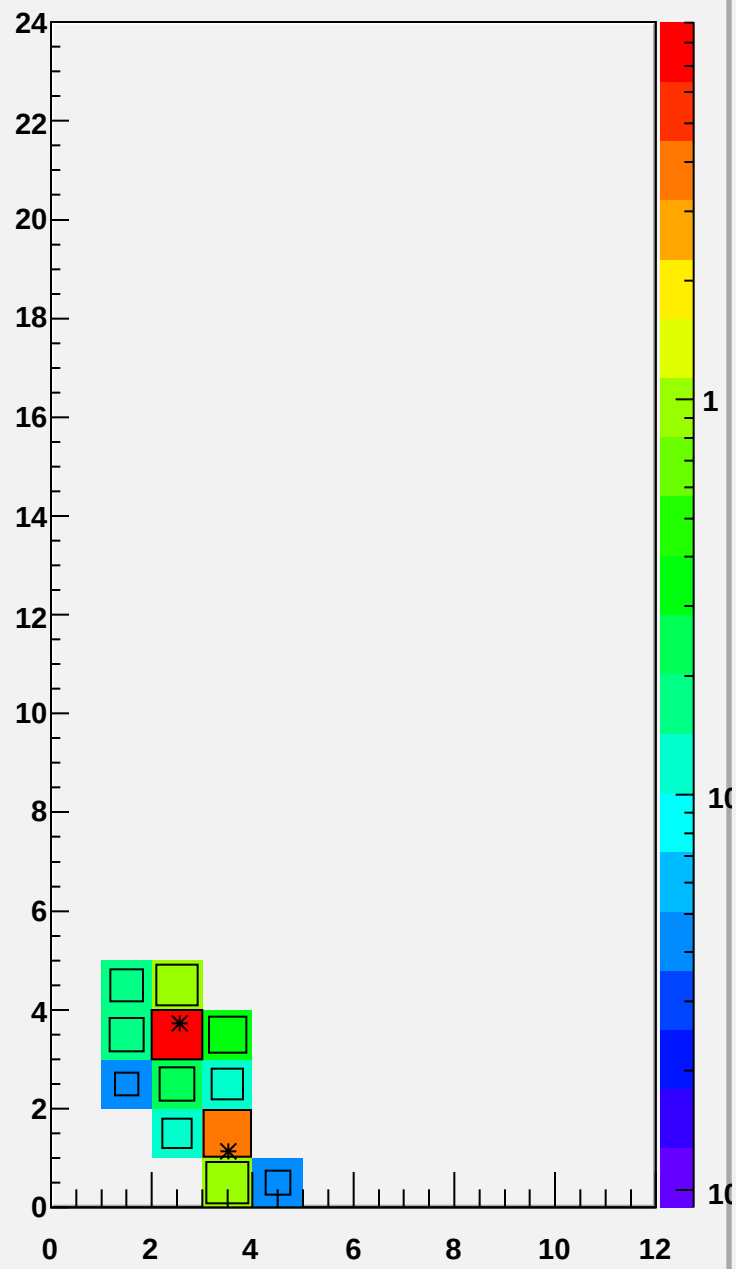
Mean x 4.185

Mean y 9.327

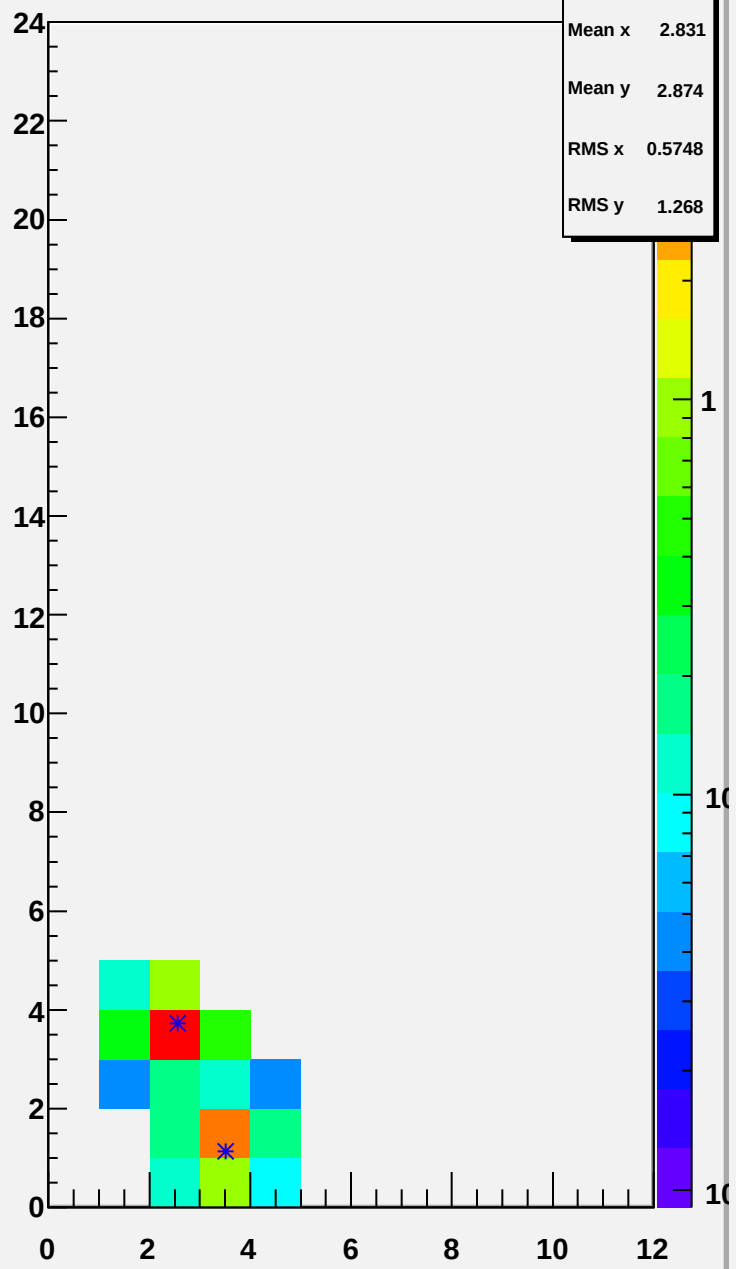
RMS x 1.277

RMS y 6.432

NSTB3_r4_c3_En=16.1_m0=0.122_m1=0.122_index=572



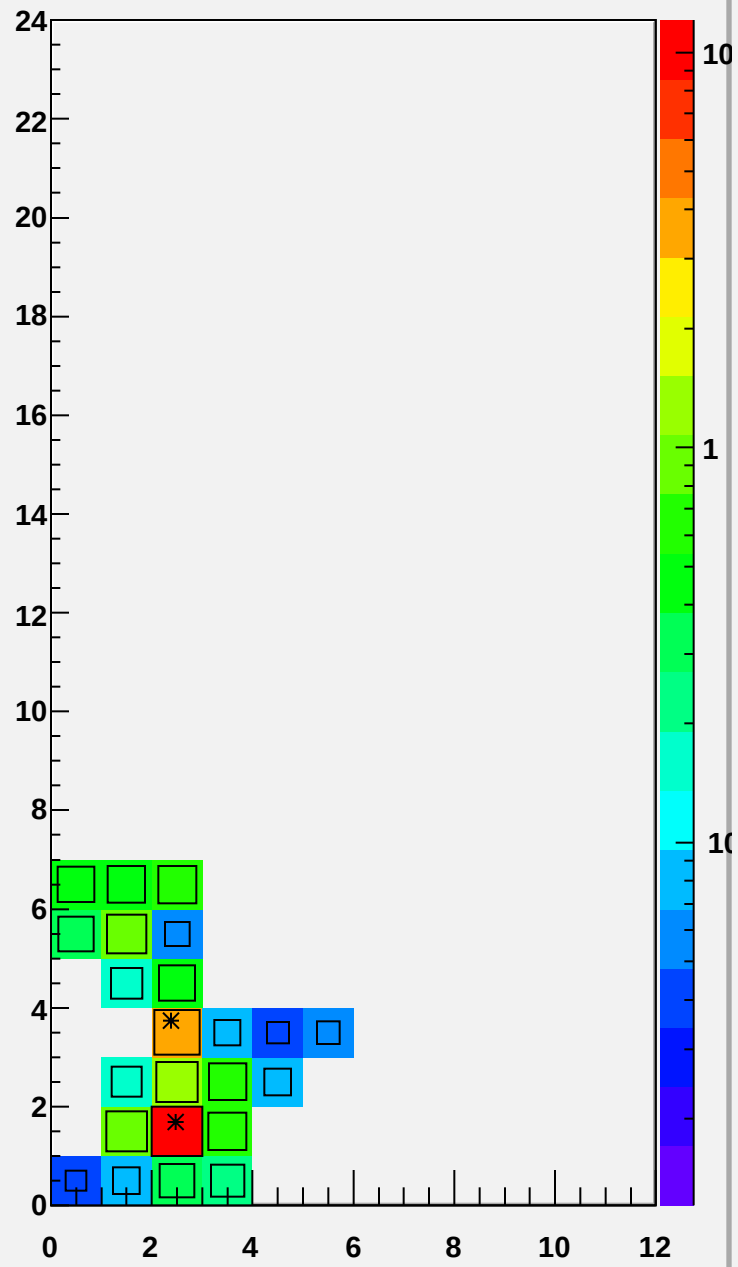
Fitted Energies



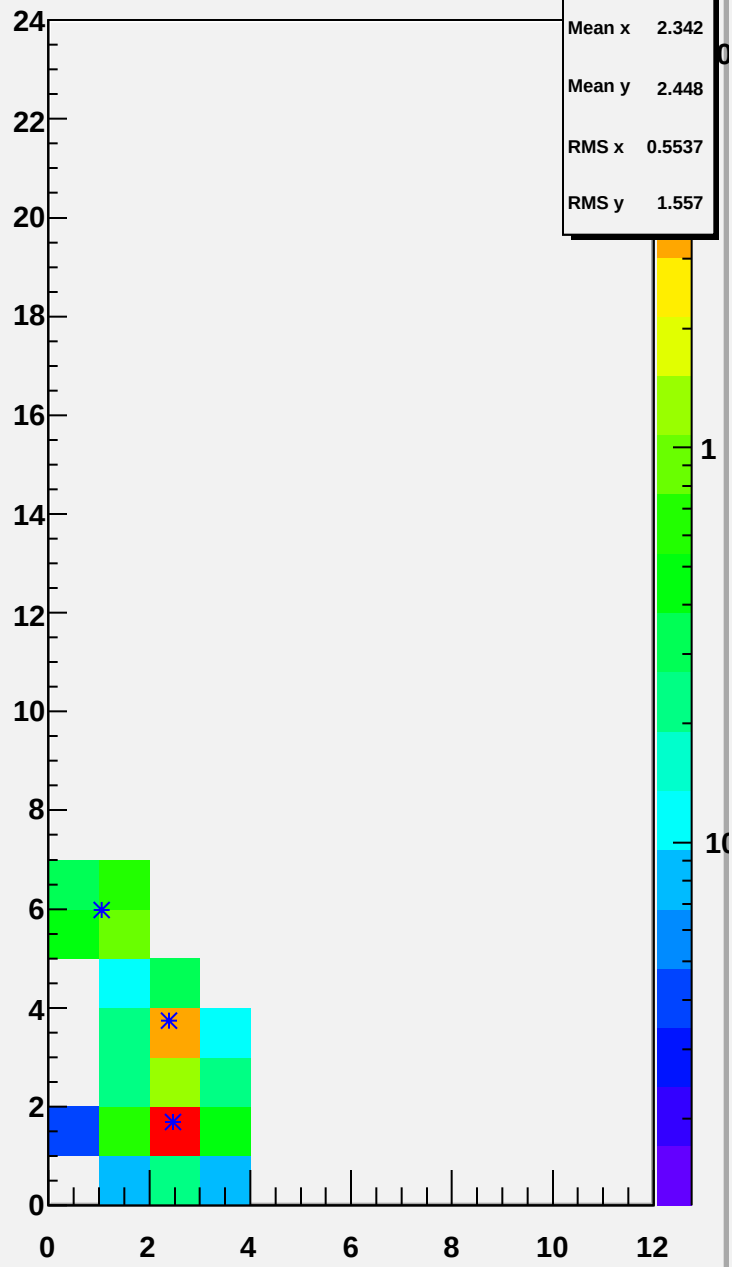
Efit

Entries	288
Mean x	2.831
Mean y	2.874
RMS x	0.5748
RMS y	1.268

NSTB3_r4_c3_En=23.4_m0=0.094 m1=0.094 index=573



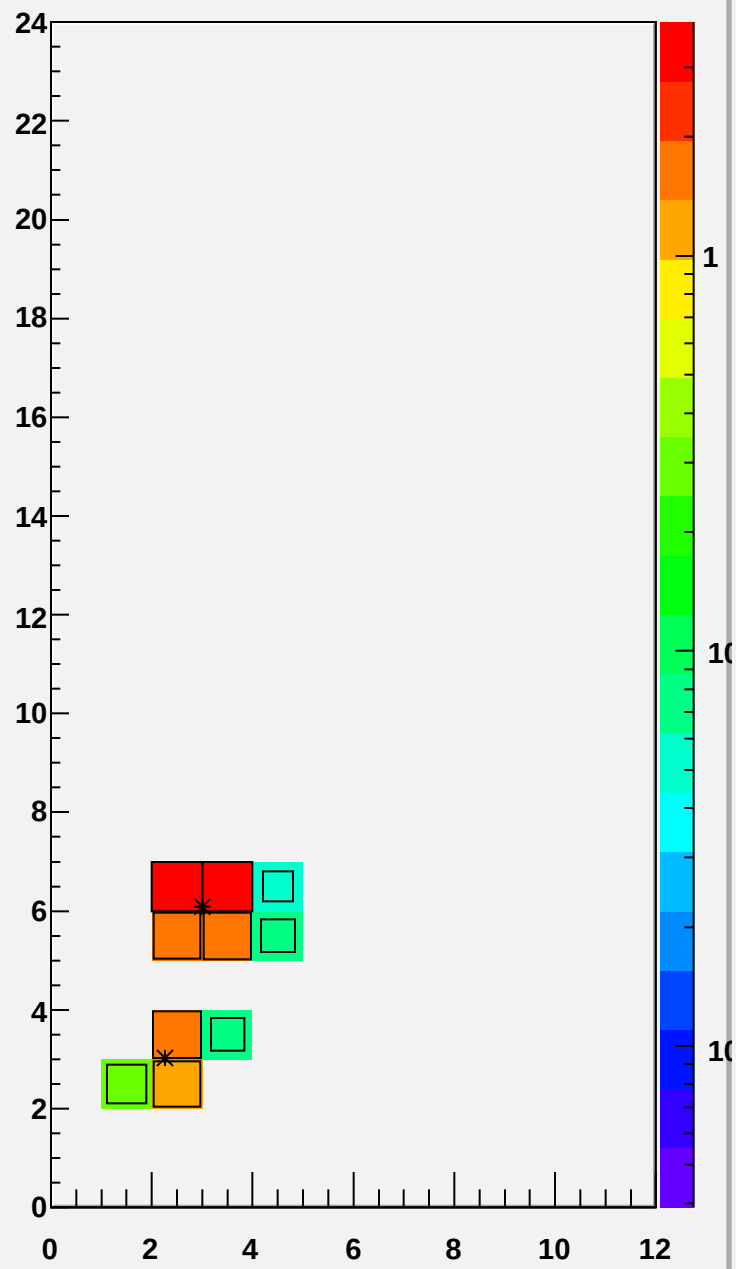
Fitted Energies



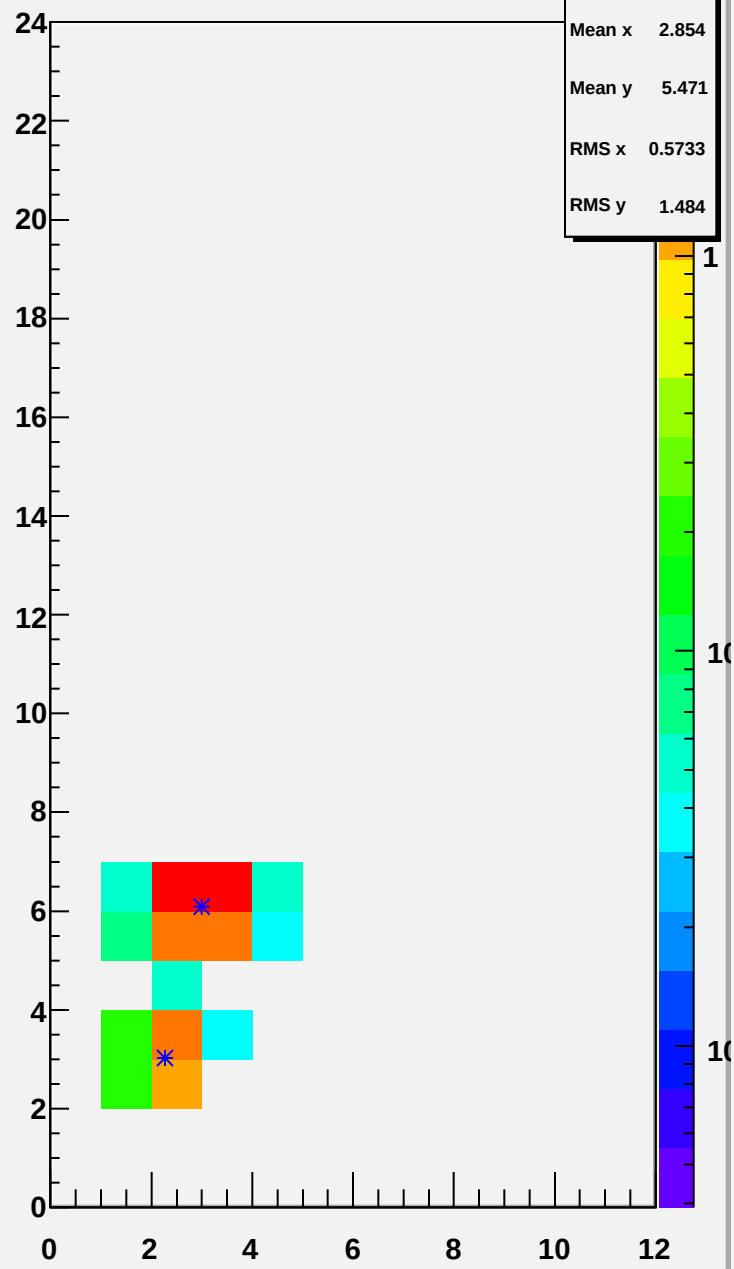
Efit

Entries	288
Mean x	2.342
Mean y	2.448
RMS x	0.5537
RMS y	1.557

NSTB3_r4_c3_En=14.7_m0=0.118 m1=0.118 index=574



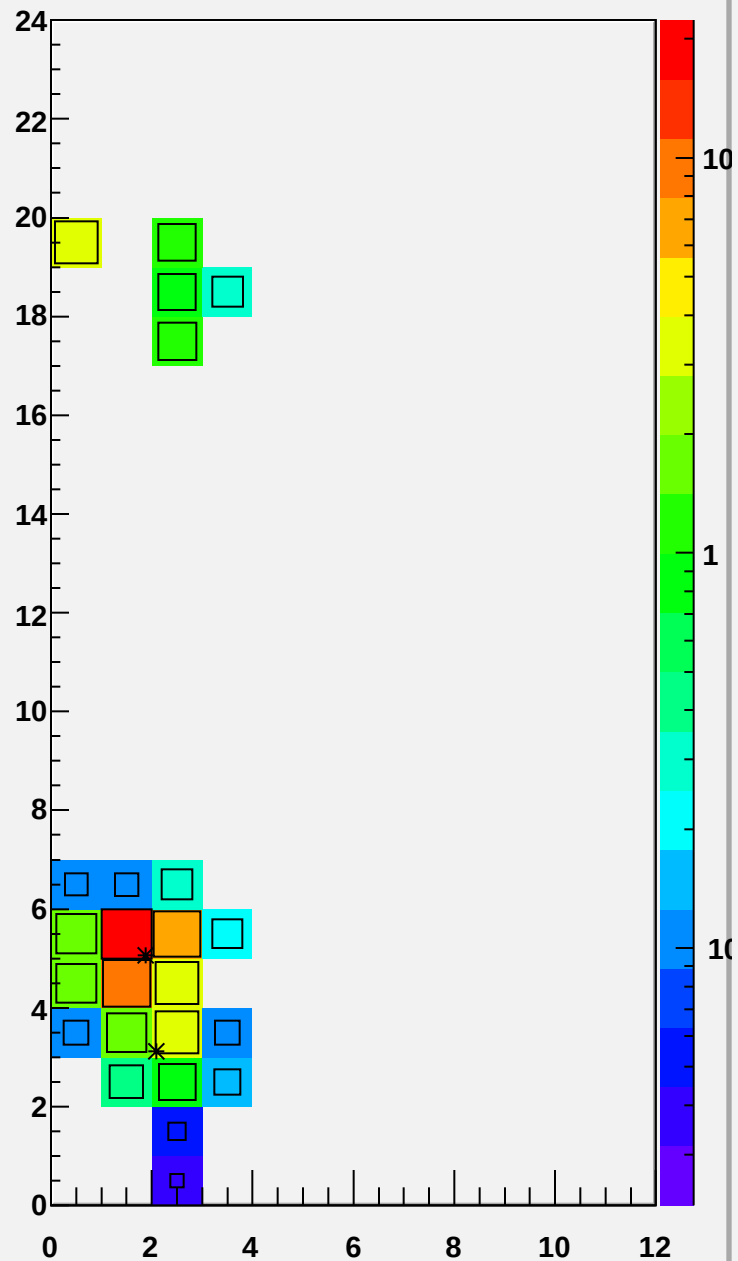
Fitted Energies



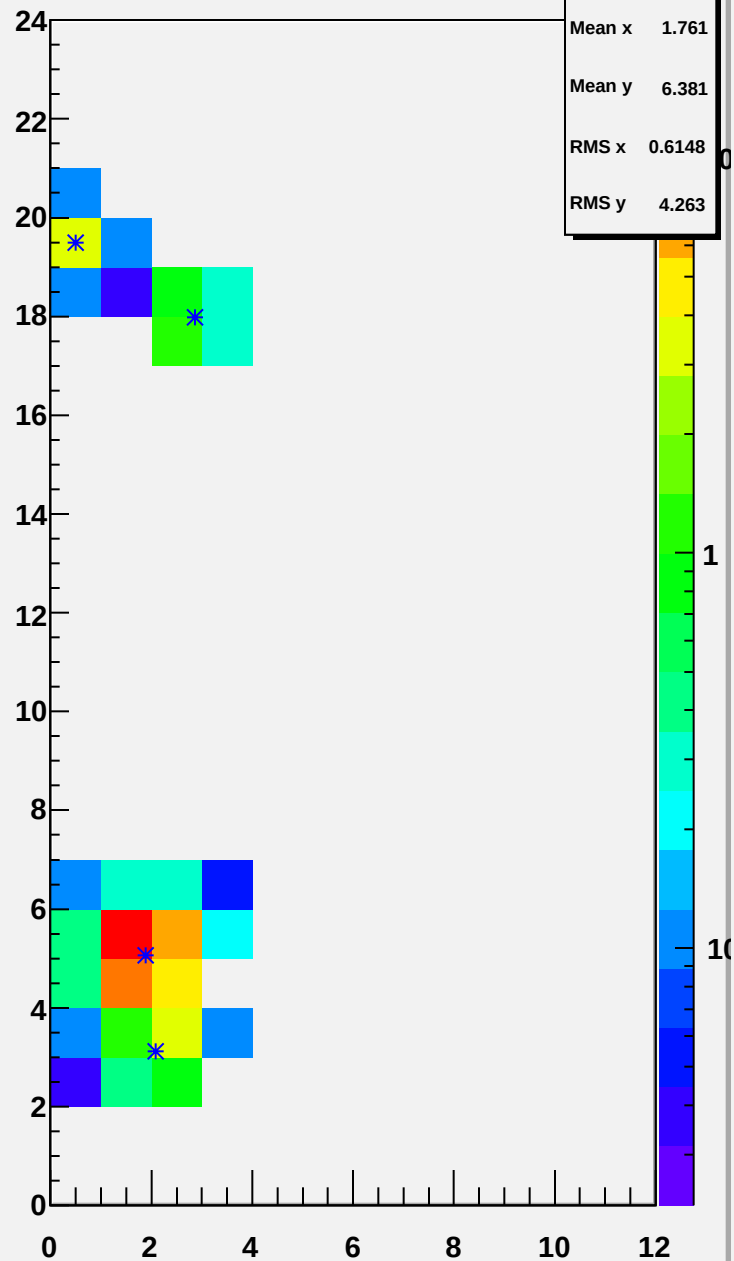
Efit

Entries	288
Mean x	2.854
Mean y	5.471
RMS x	0.5733
RMS y	1.484

NSTB3_r4_c3_En=61.2_m0=0.174 m1=0.174 index=575



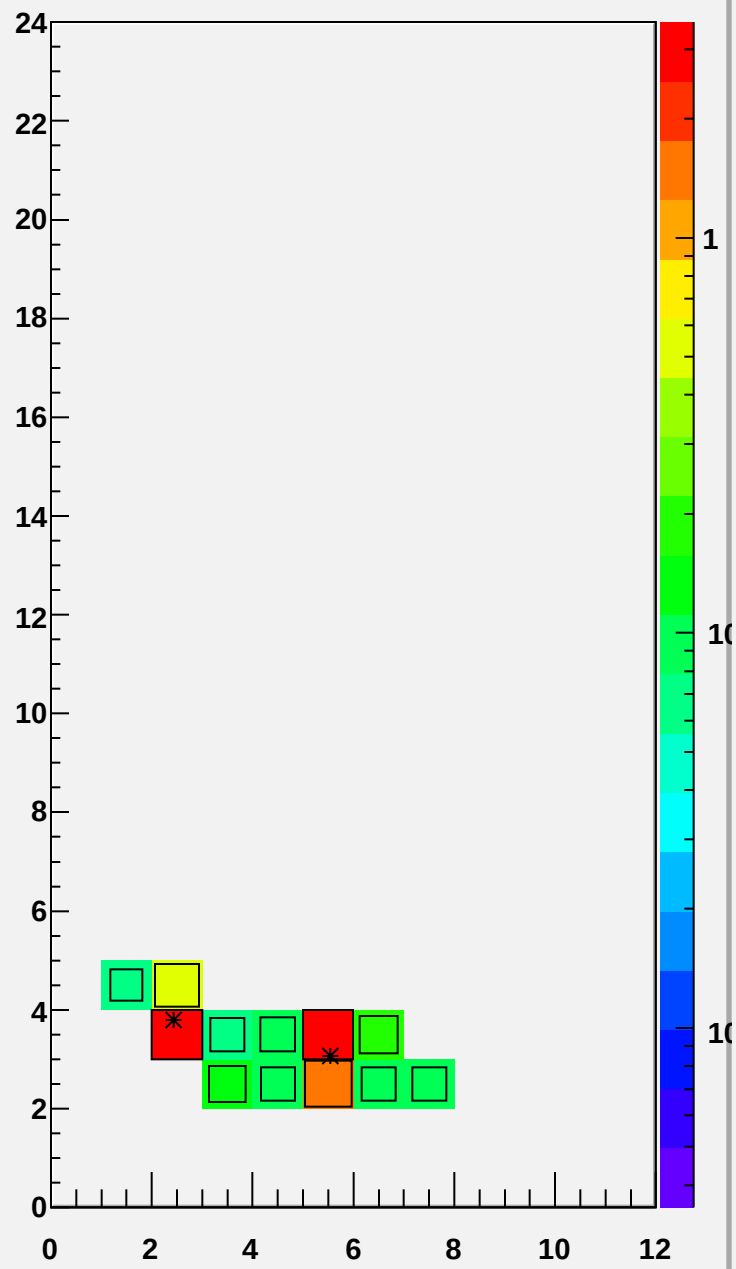
Fitted Energies



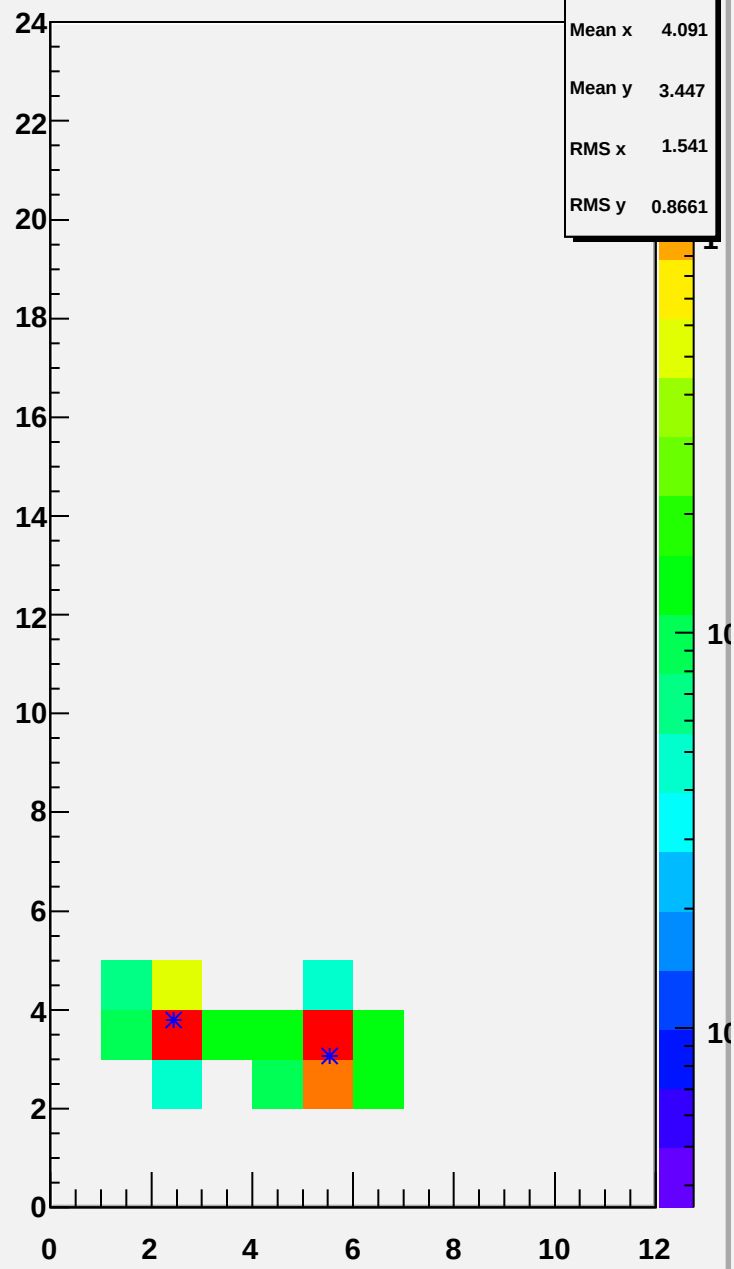
Efit

Entries	288
Mean x	1.761
Mean y	6.381
RMS x	0.6148
RMS y	4.263

NSTB3_r4_c3_En= 9.4_m0=0.087 m1=0.087 index=576



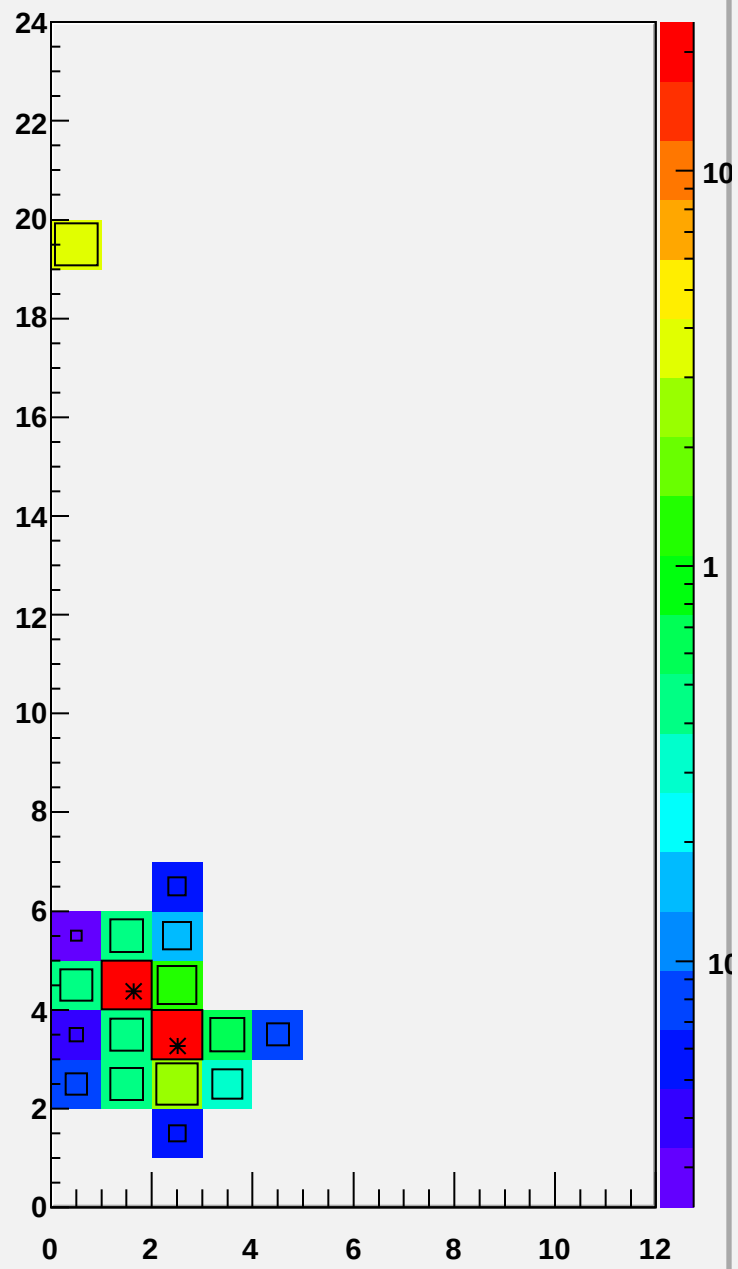
Fitted Energies



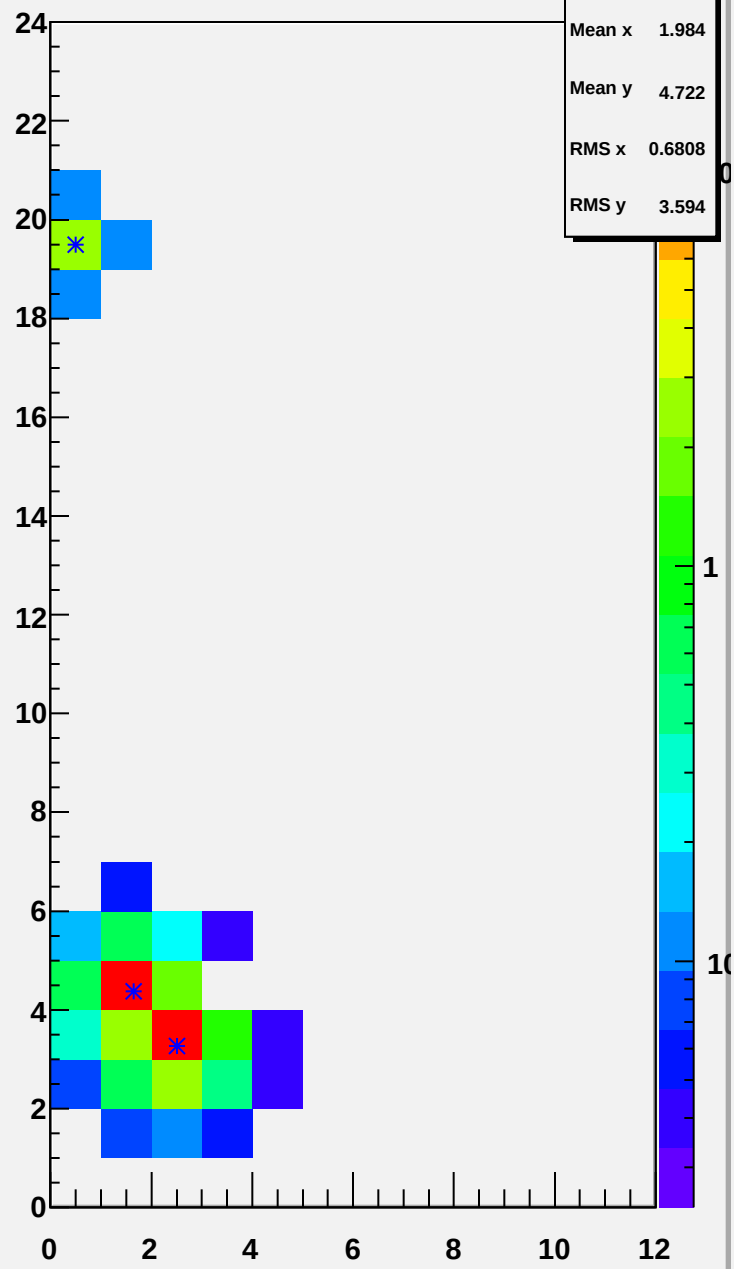
Efit

Entries	288
Mean x	4.091
Mean y	3.447
RMS x	1.541
RMS y	0.8661

NSTB3_r4_c3_En=54.7_m0=0.213 m1=0.213 index=577



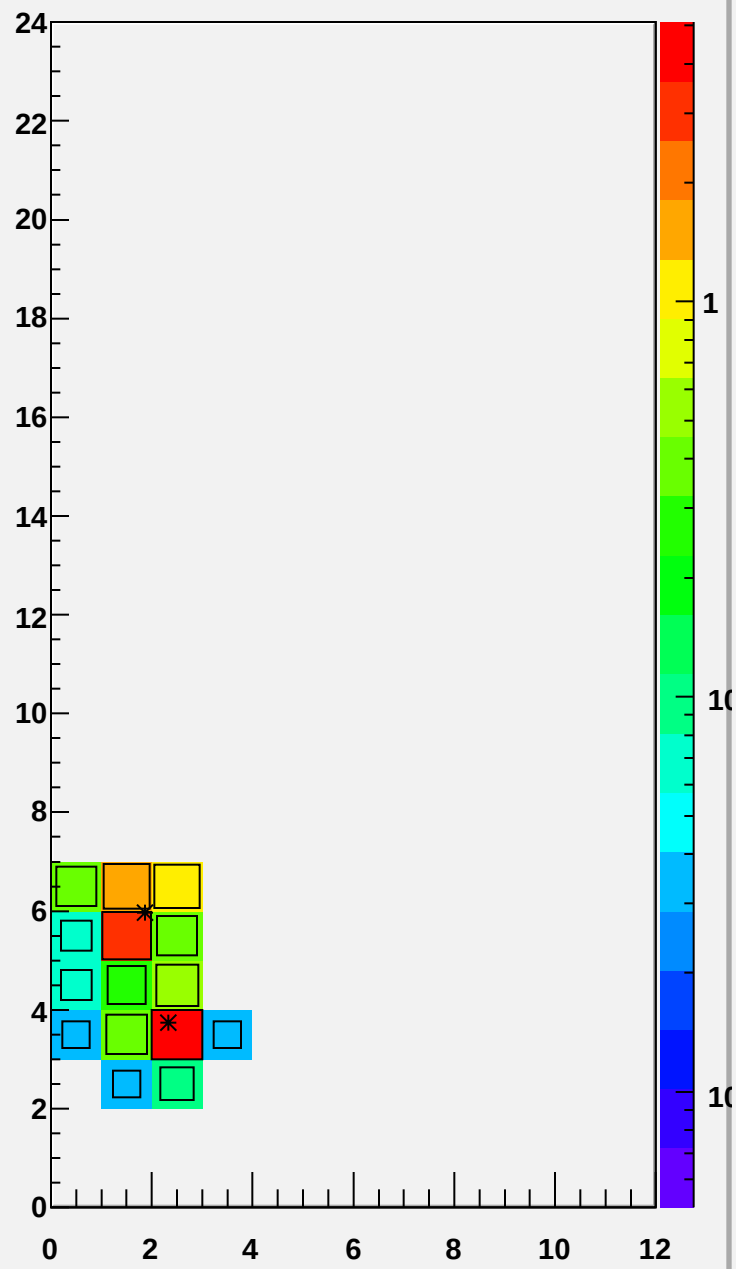
Fitted Energies



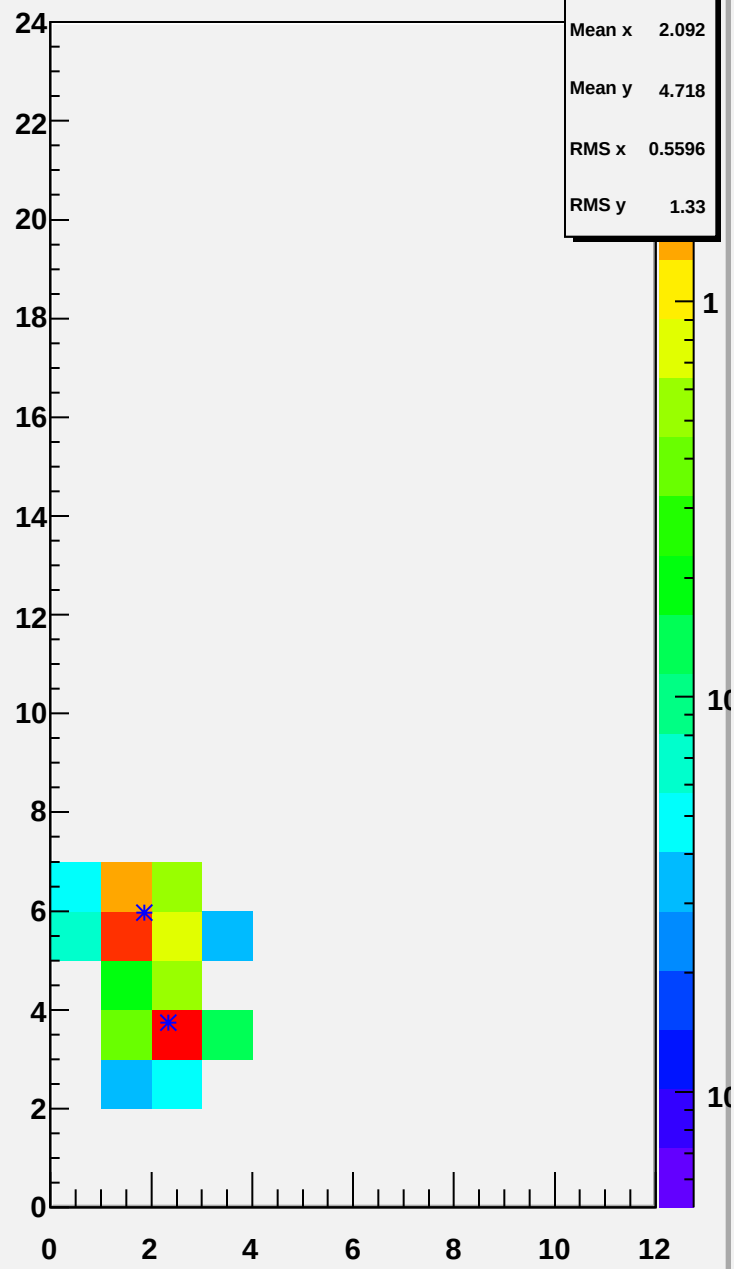
Efit

Entries	288
Mean x	1.984
Mean y	4.722
RMS x	0.6808
RMS y	3.594

NSTB3_r4_c3_En=13.1_m0=0.080 m1=0.081 index=578



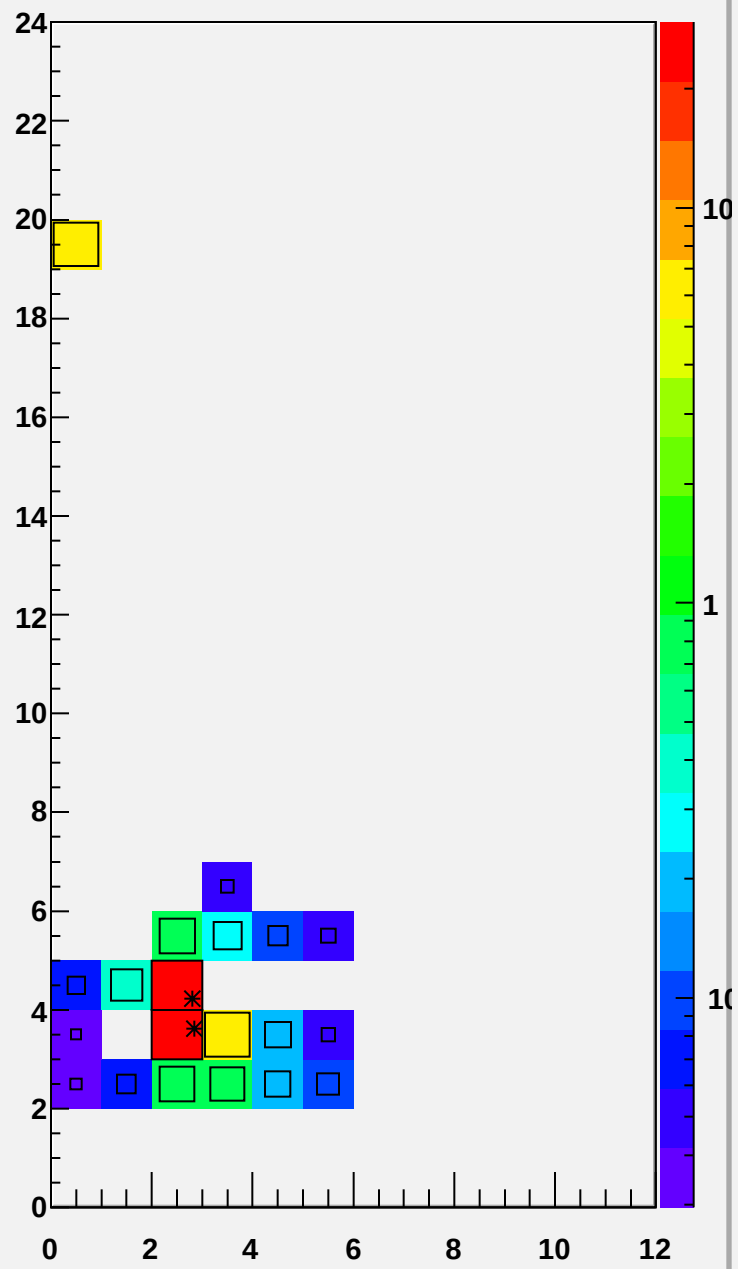
Fitted Energies



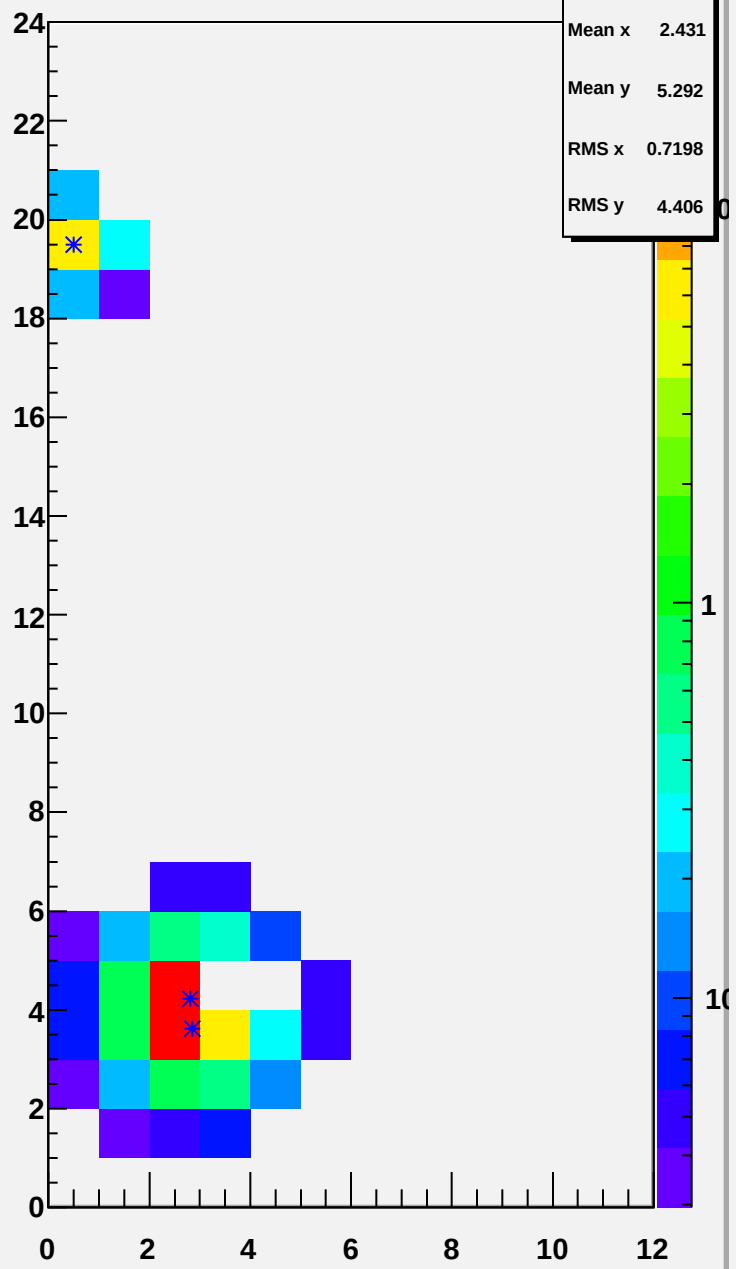
Efit

Entries	288
Mean x	2.092
Mean y	4.718
RMS x	0.5596
RMS y	1.33

NSTB3_r4_c3_En=74.9_m0=0.125_m1=0.123_index=579



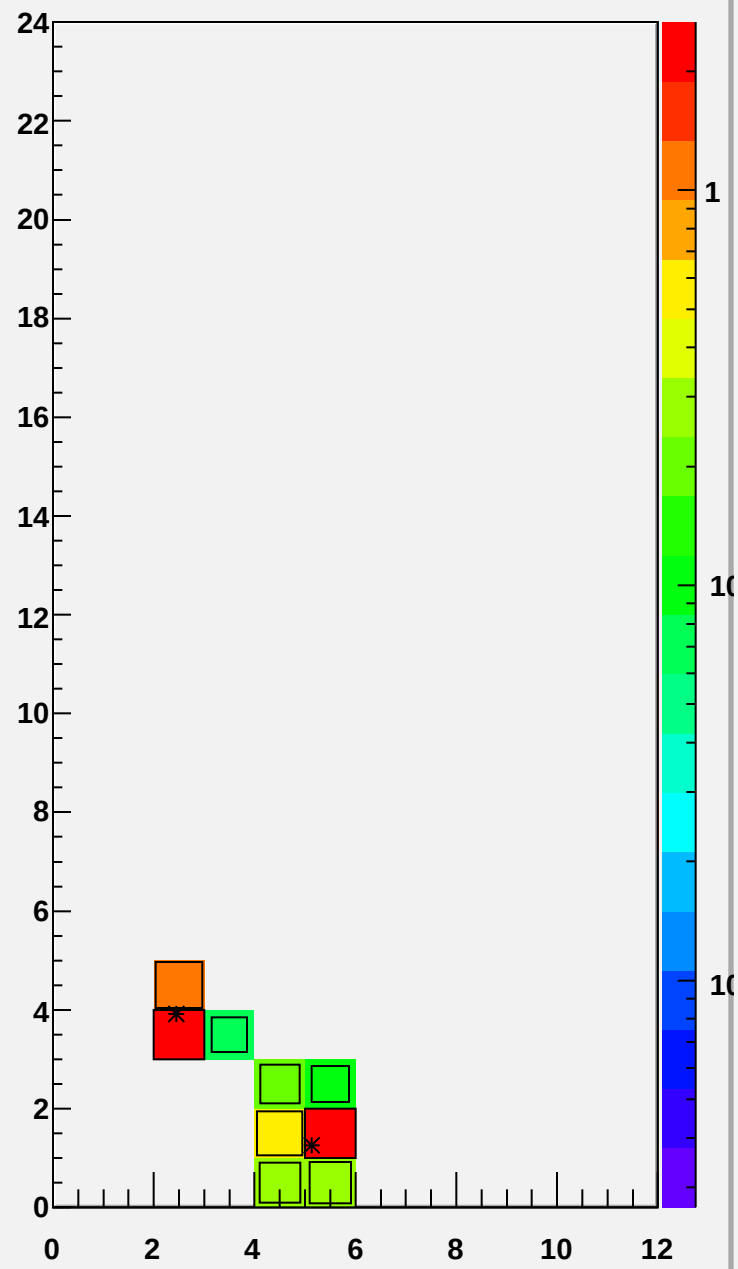
Fitted Energies



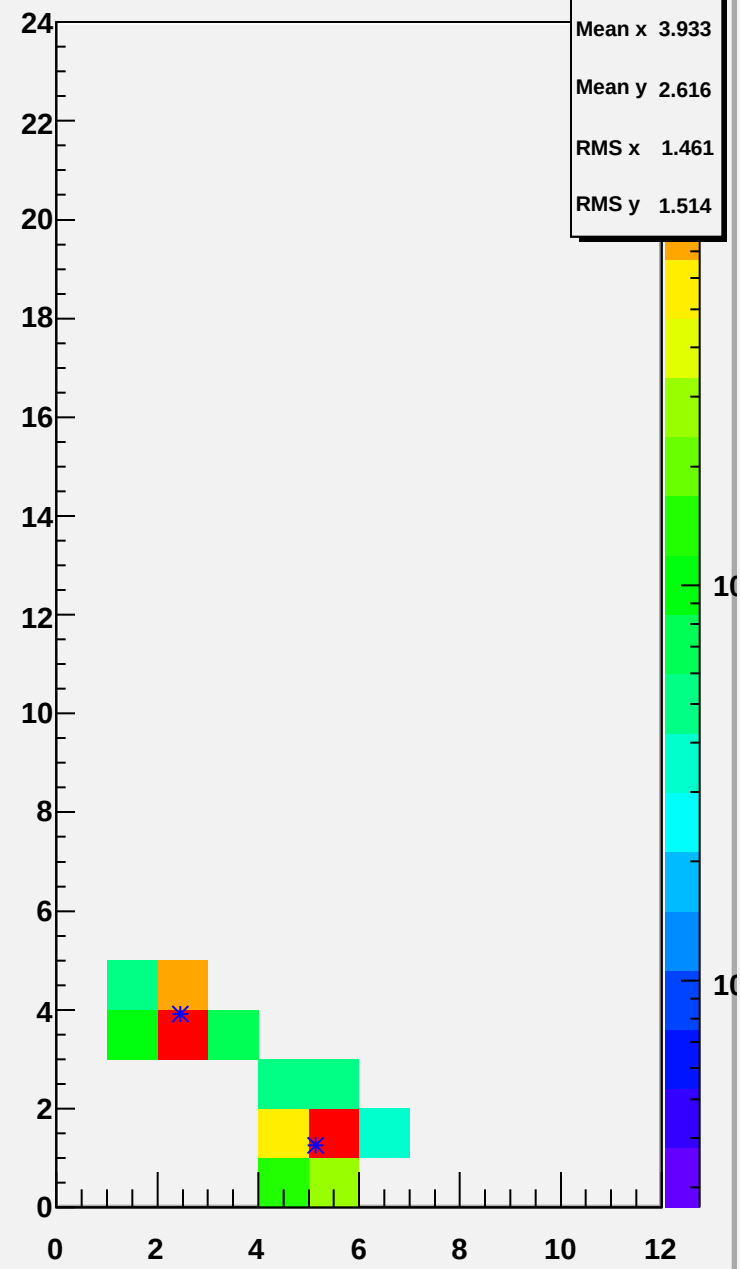
Efit

Entries	288
Mean x	2.431
Mean y	5.292
RMS x	0.7198
RMS y	4.406

NSTB3_r4_c3_En= 7.7_m0=0.083 m1=0.083 index=581



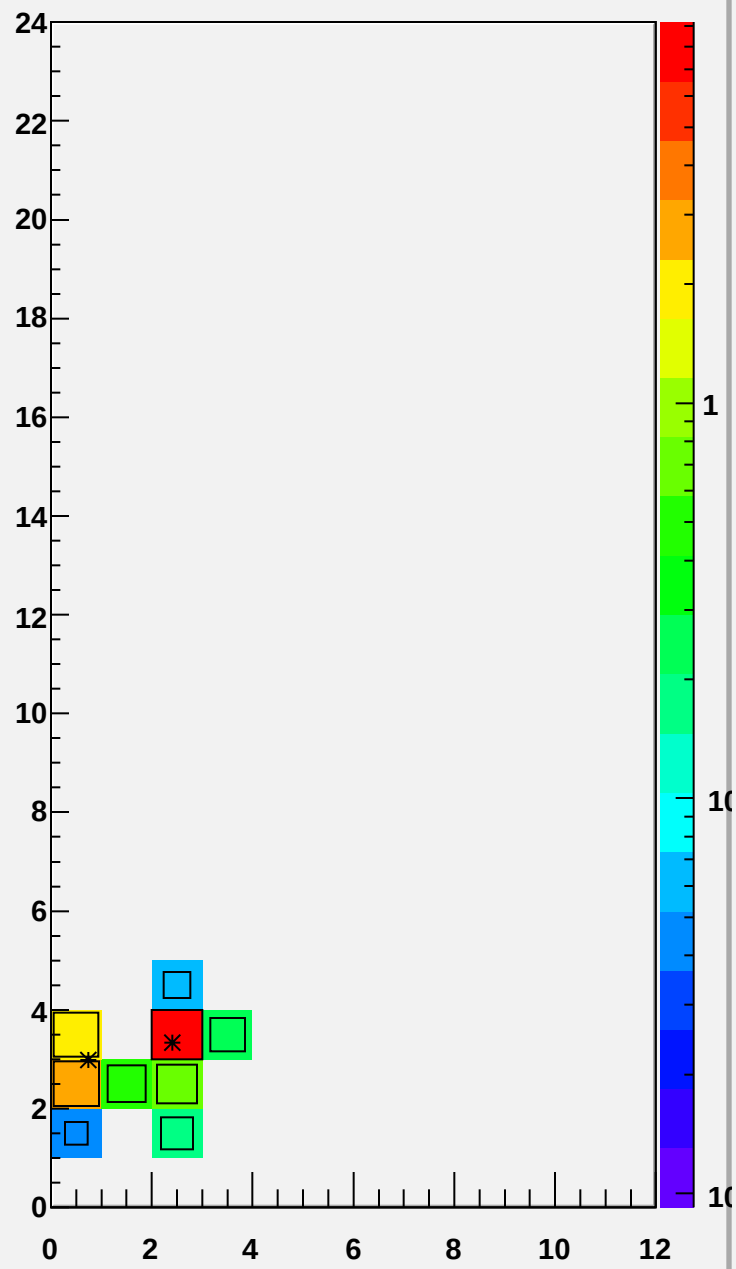
Fitted Energies



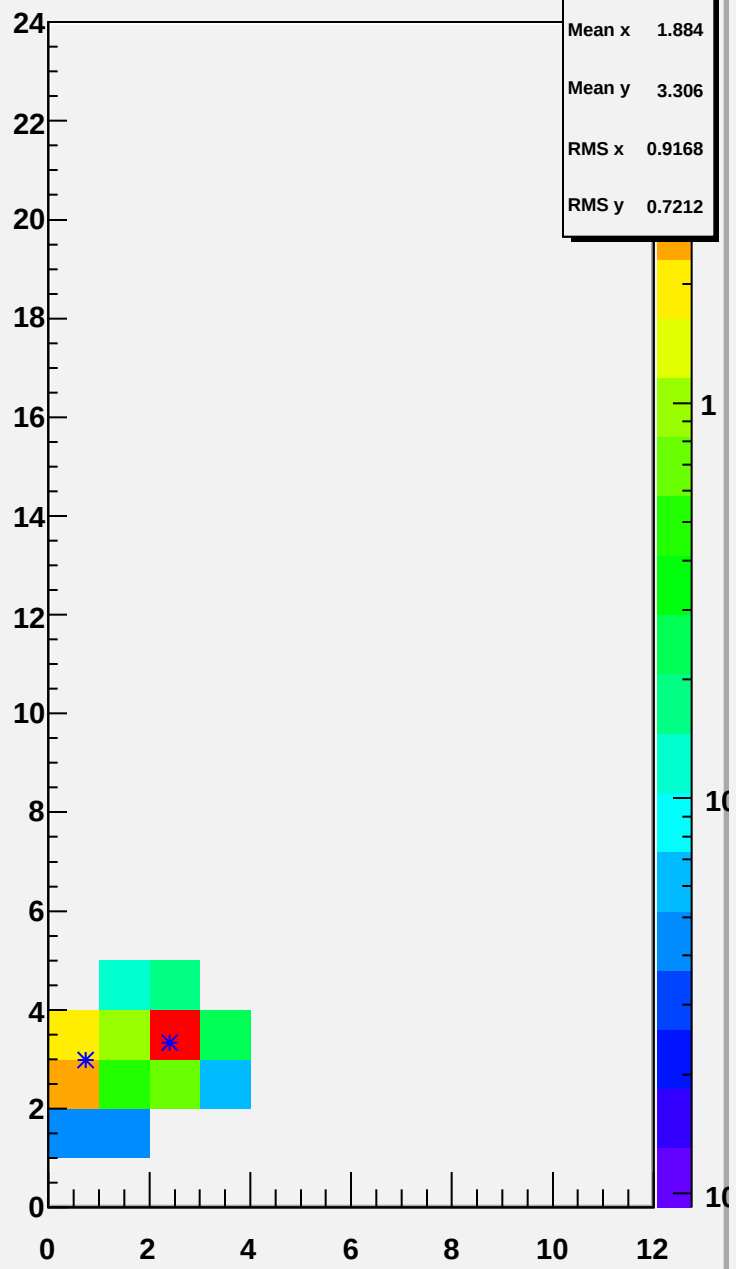
Efit

Entries 288
Mean x 3.933
Mean y 2.616
RMS x 1.461
RMS y 1.514

NSTB3_r4_c3_En=15.4_m0=0.074 m1=0.074 index=582



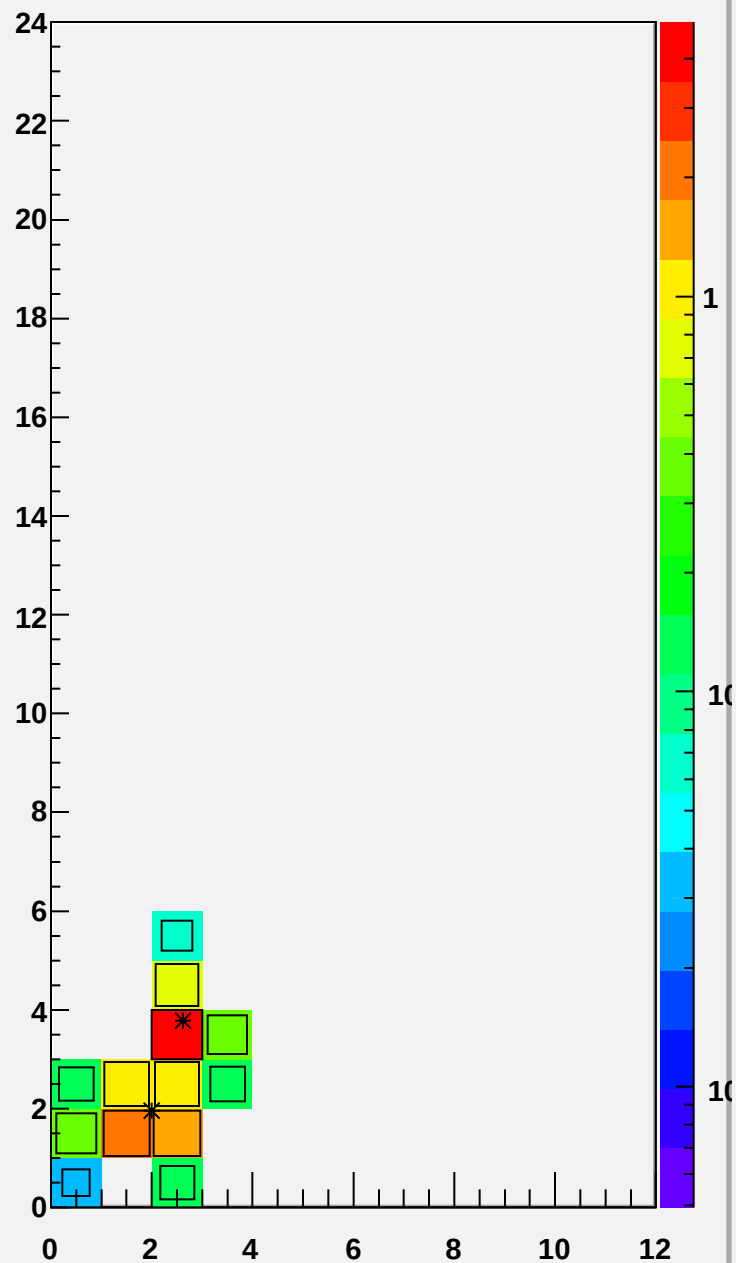
Fitted Energies



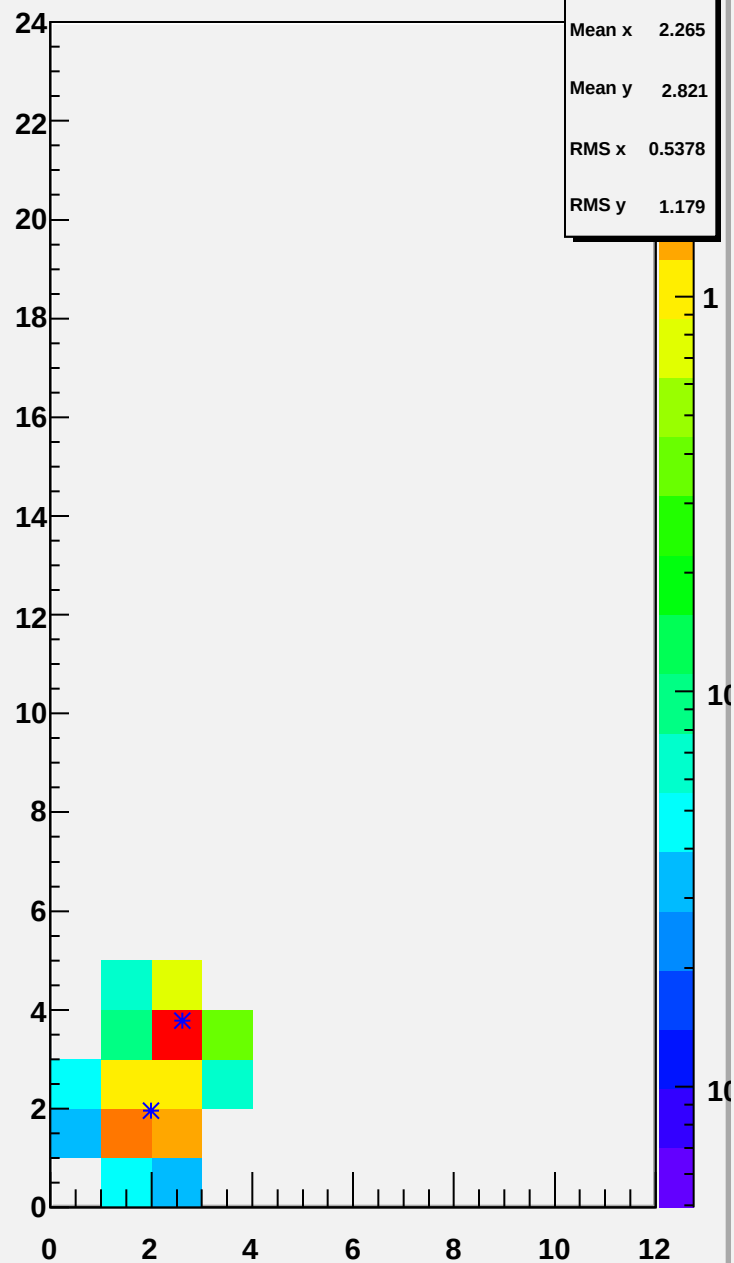
Efit

Entries	288
Mean x	1.884
Mean y	3.306
RMS x	0.9168
RMS y	0.7212

NSTB3_r4_c3_En=12.6_m0=0.067 m1=0.067 index=583



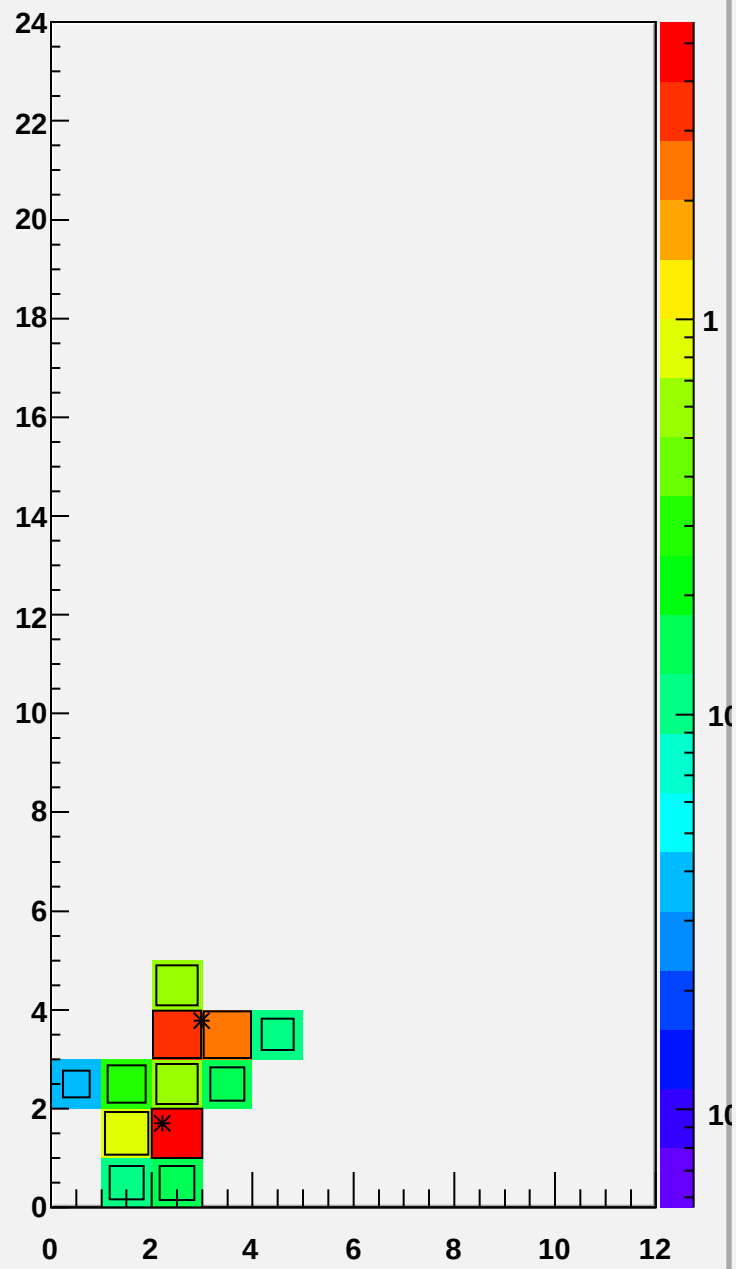
Fitted Energies



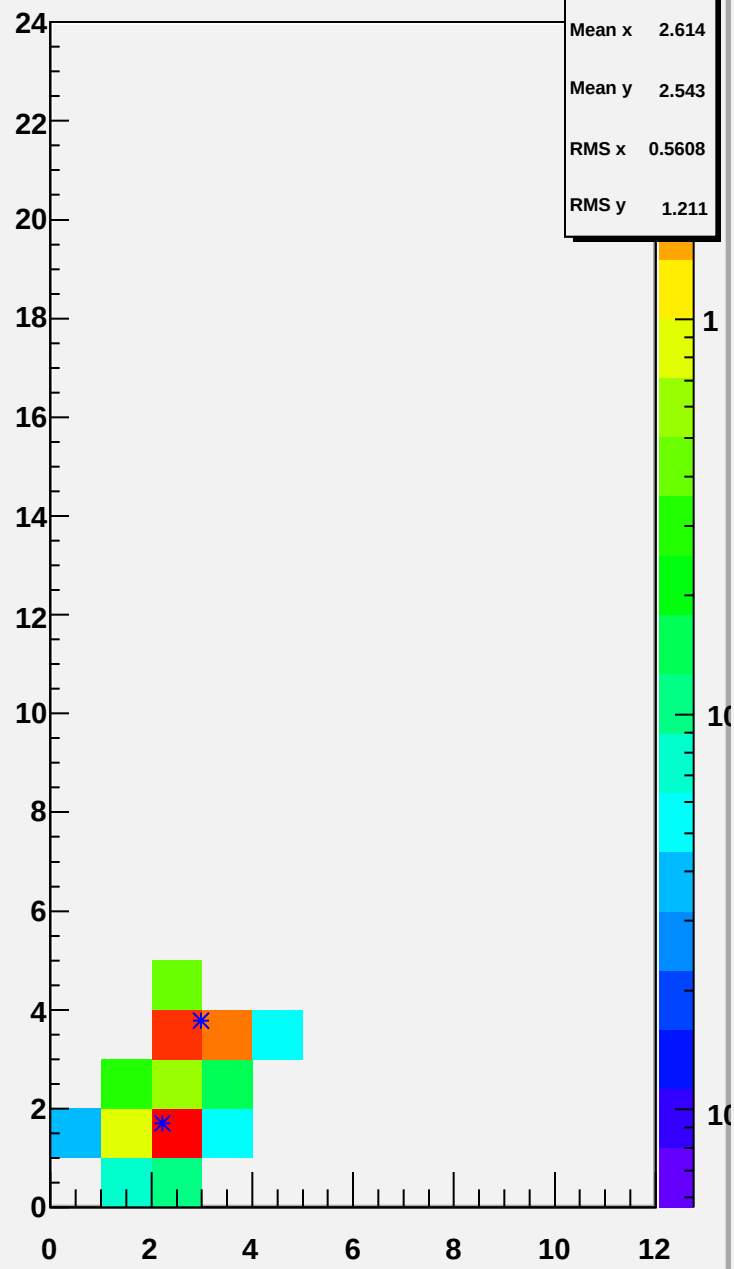
Efit

Entries	288
Mean x	2.265
Mean y	2.821
RMS x	0.5378
RMS y	1.179

NSTB3_r4_c3_En=14.6_m0=0.093 m1=0.094 index=584



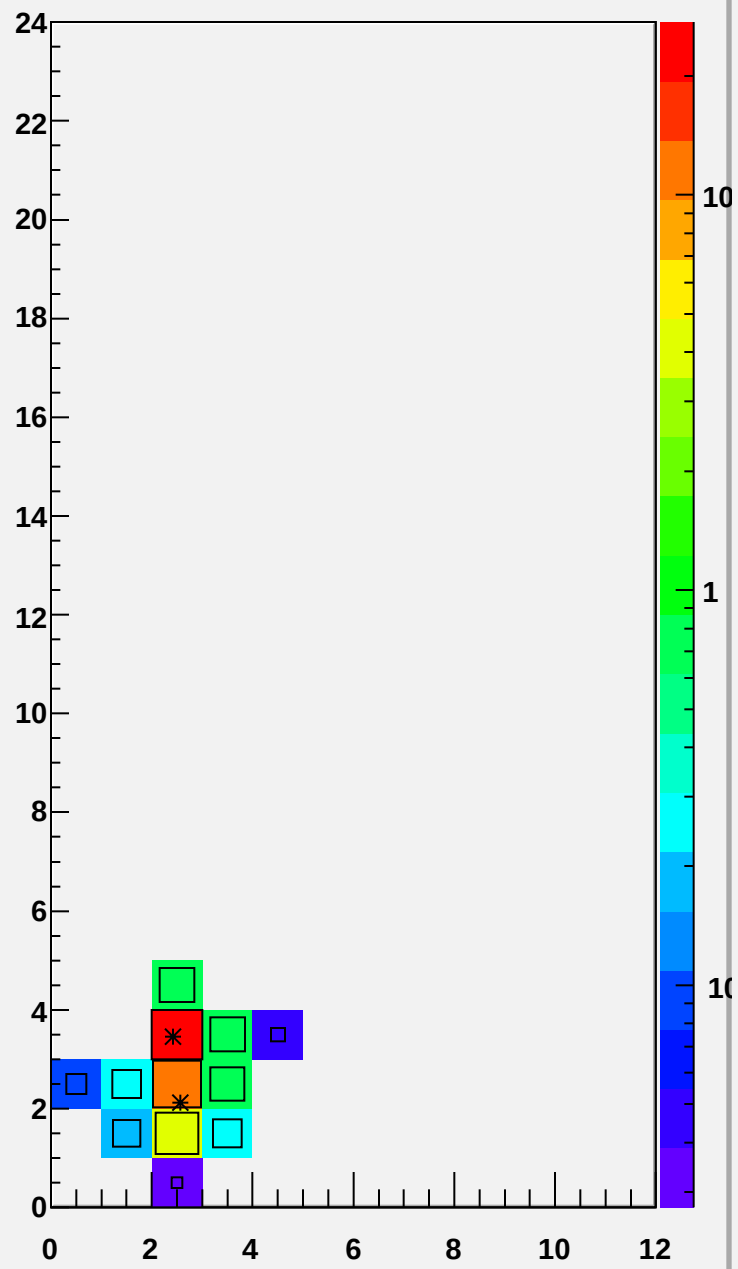
Fitted Energies



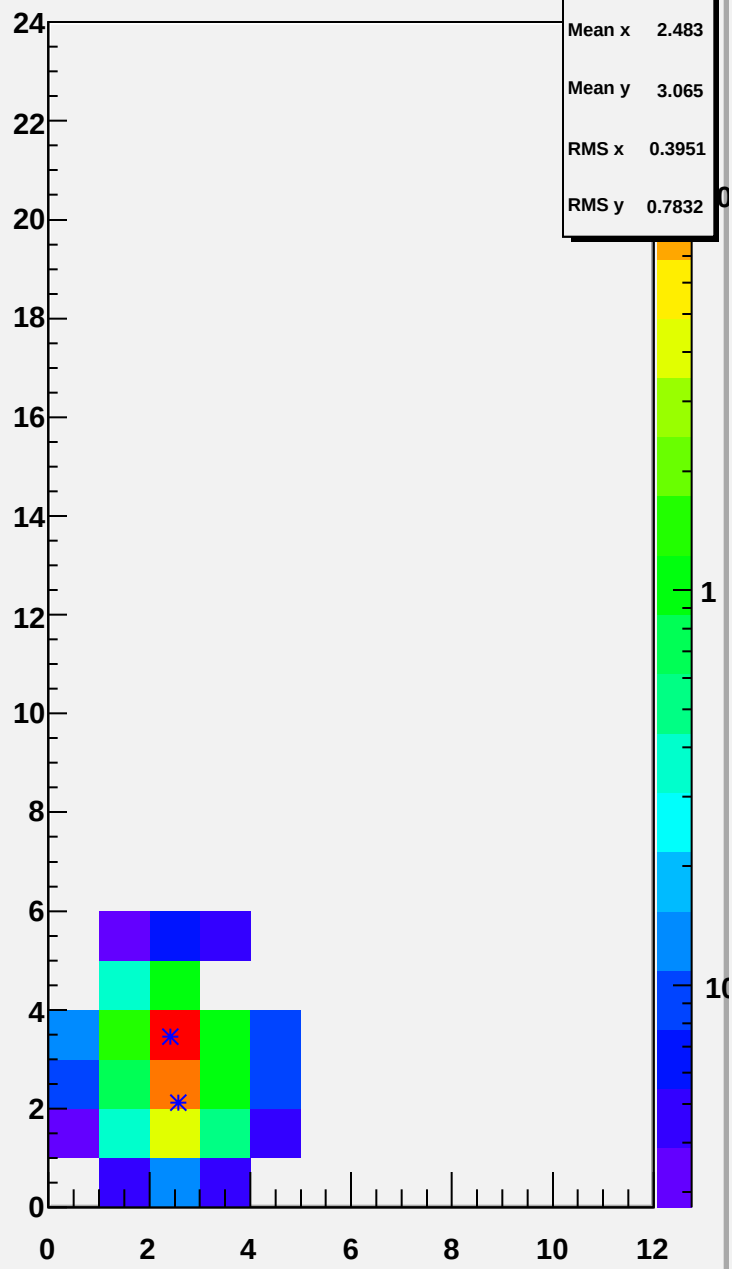
Efit

Entries	288
Mean x	2.614
Mean y	2.543
RMS x	0.5608
RMS y	1.211

NSTB3_r4_c3_En=47.6_m0=0.179_m1=0.179_index=587



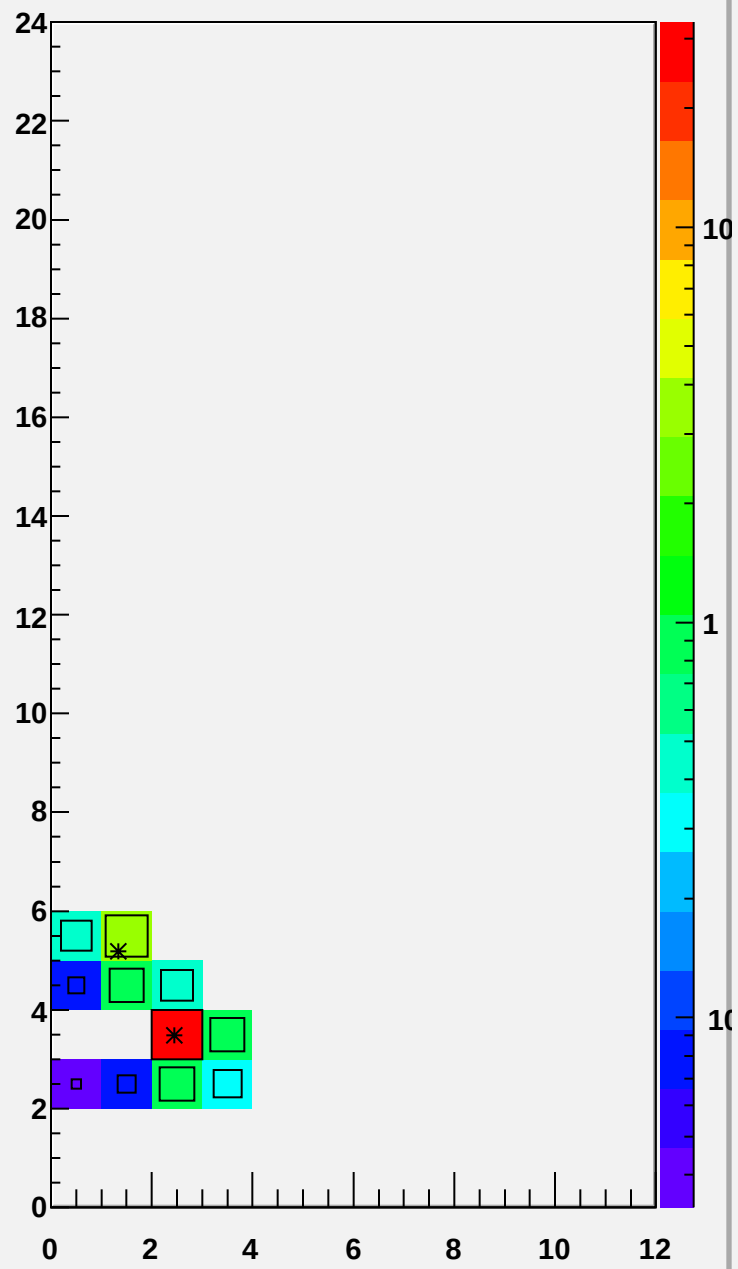
Fitted Energies



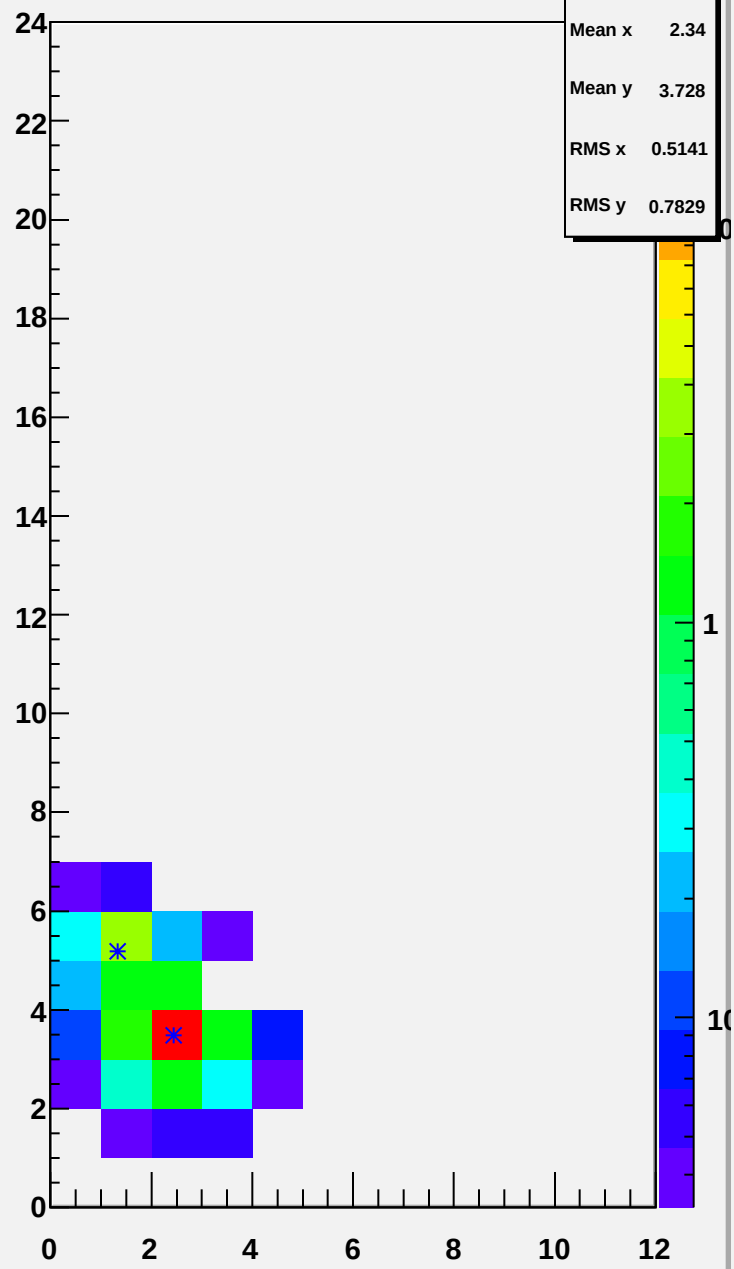
Efit

Entries	288
Mean x	2.483
Mean y	3.065
RMS x	0.3951
RMS y	0.7832

NSTB3_r4_c3_En=40.8_m0=0.167 m1=0.167 index=588



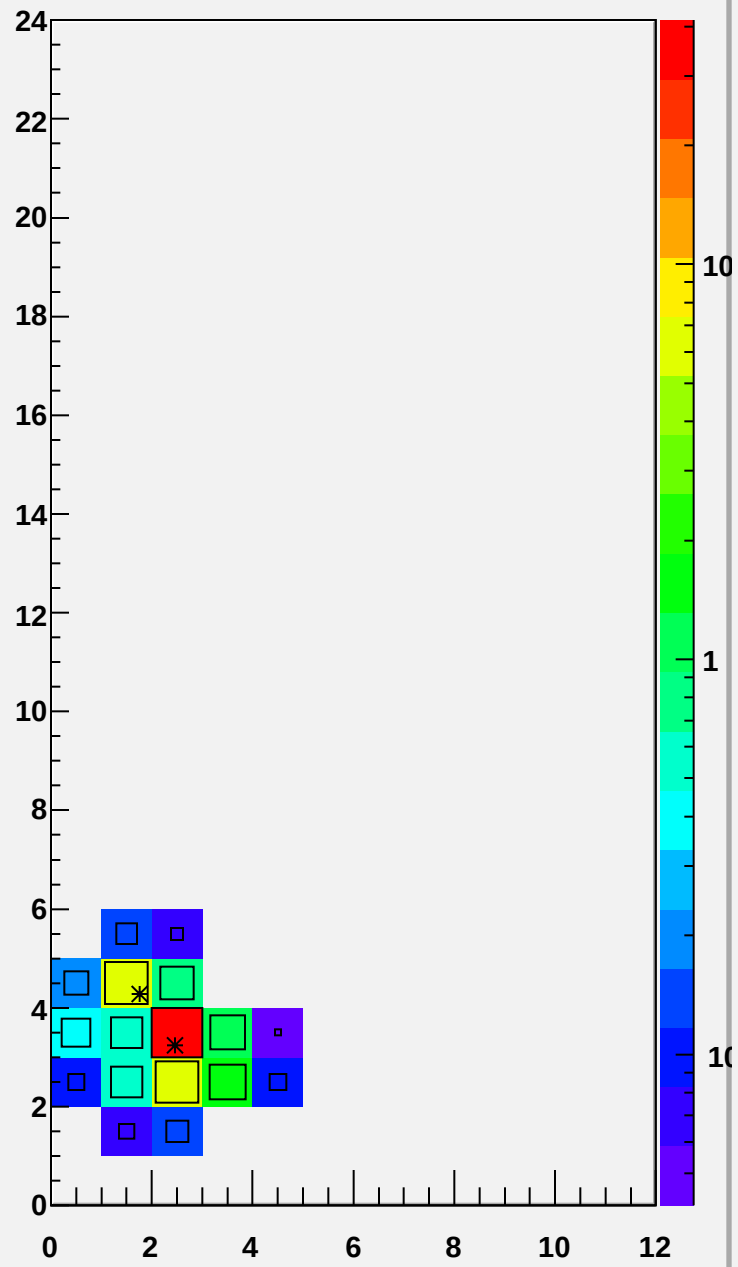
Fitted Energies



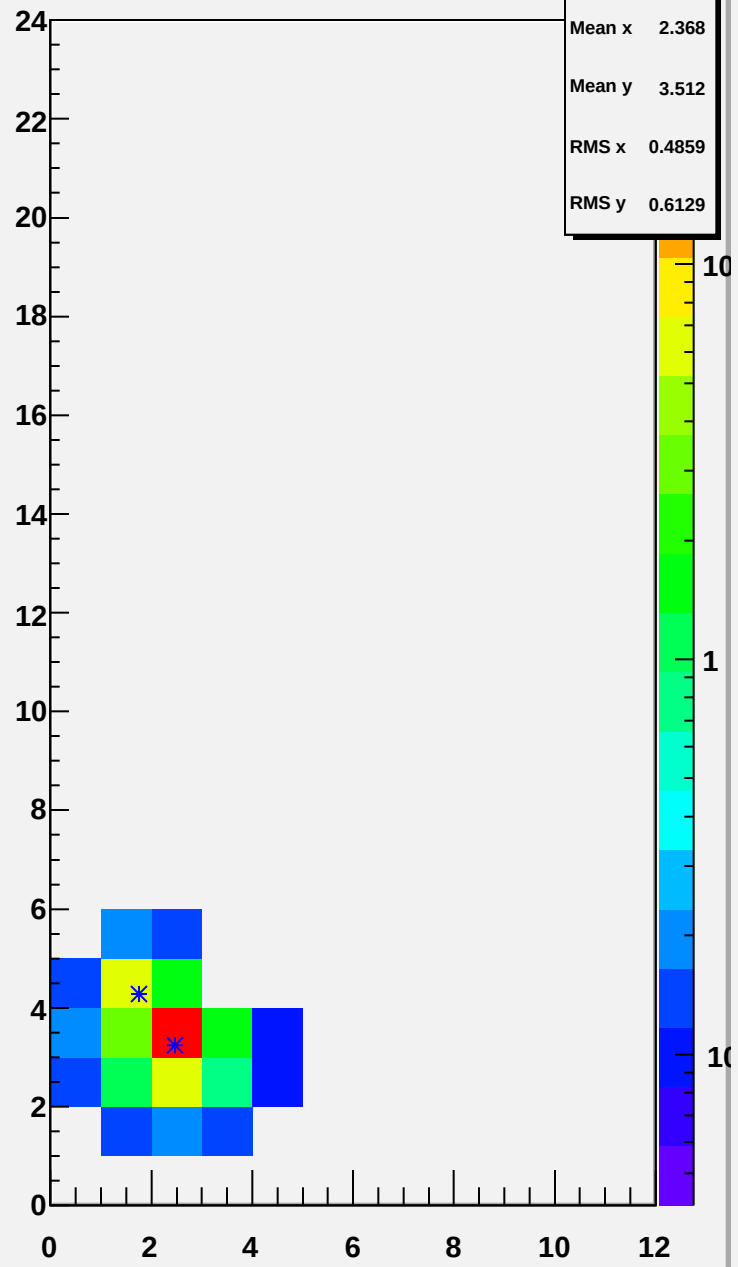
Efit

Entries	288
Mean x	2.34
Mean y	3.728
RMS x	0.5141
RMS y	0.7829

NSTB3_r4_c3_En=58.5_m0=0.143 m1=0.142 index=590



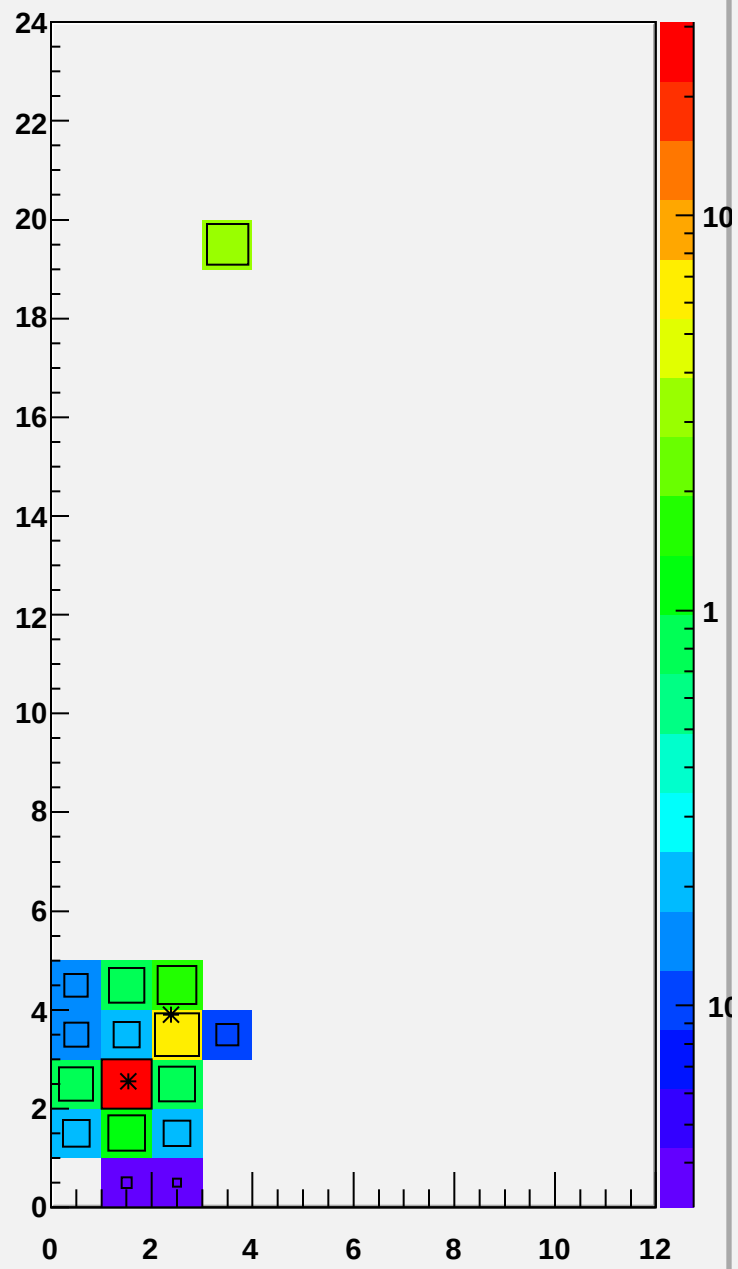
Fitted Energies



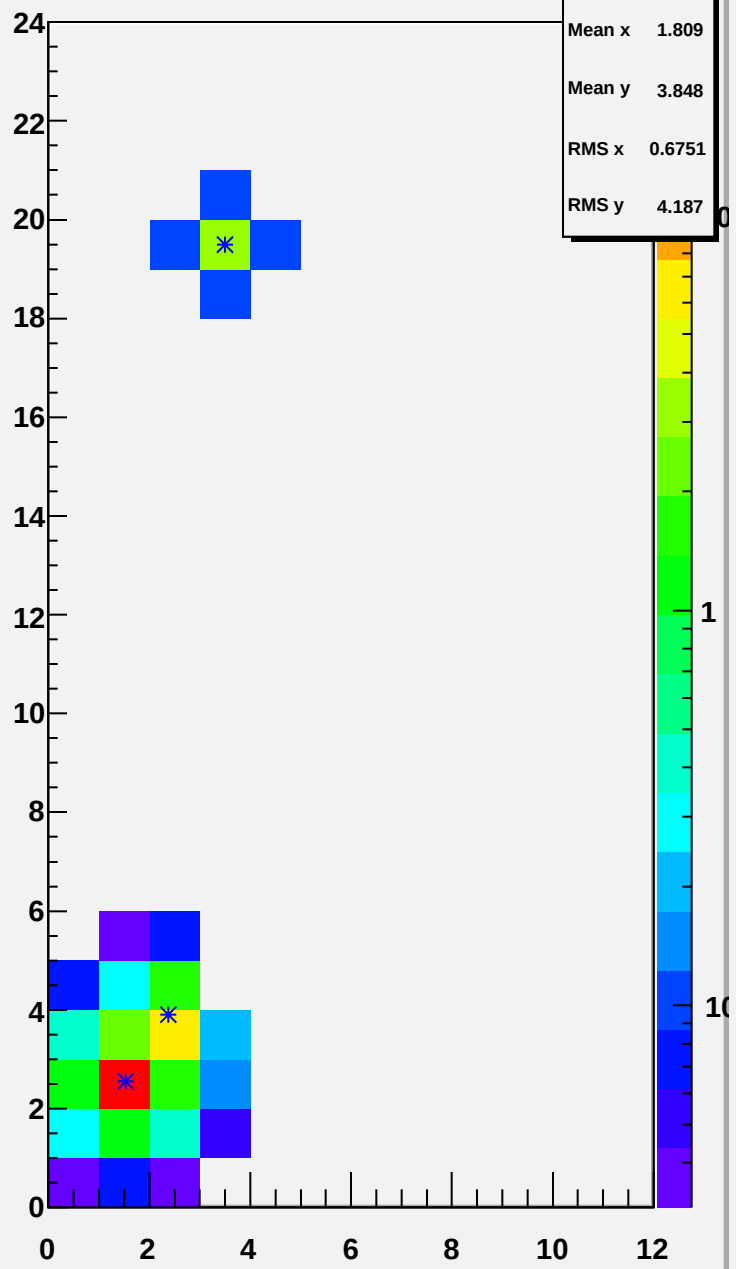
Efit

Entries	288
Mean x	2.368
Mean y	3.512
RMS x	0.4859
RMS y	0.6129

NSTB3_r4_c3_En=46.3_m0=0.159 m1=0.159 index=591



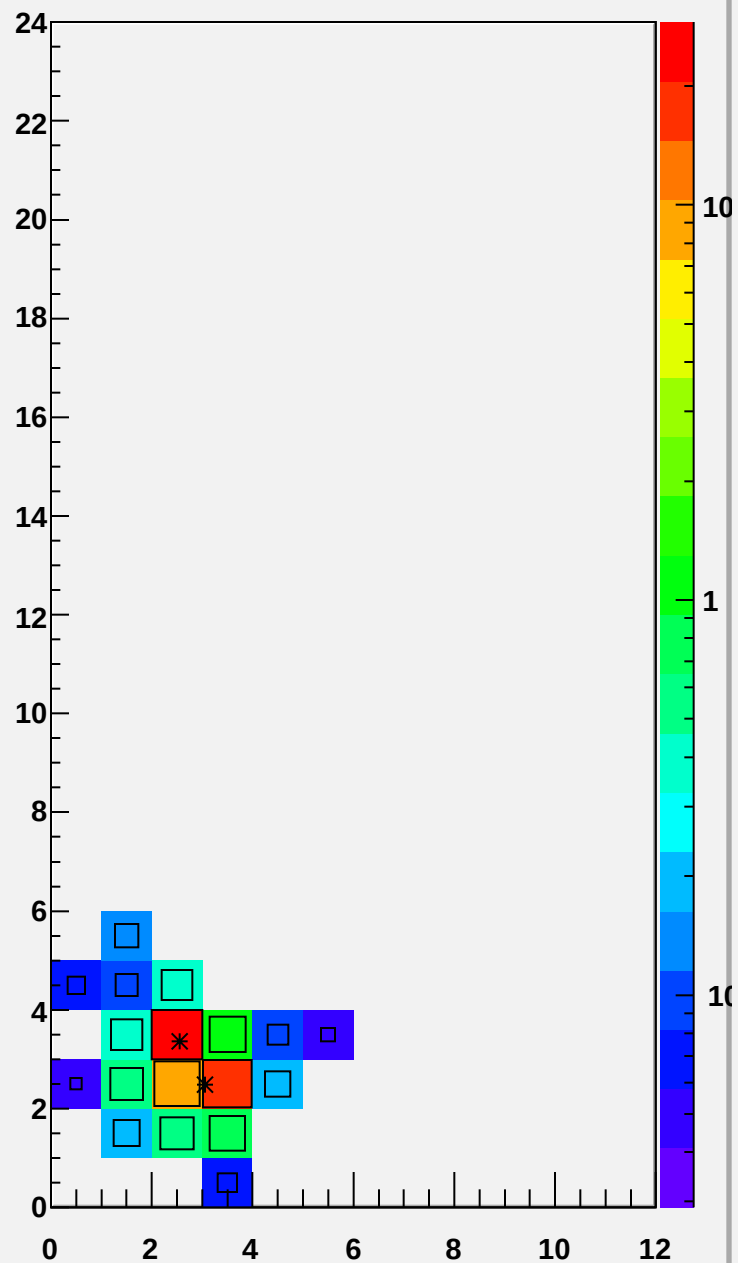
Fitted Energies



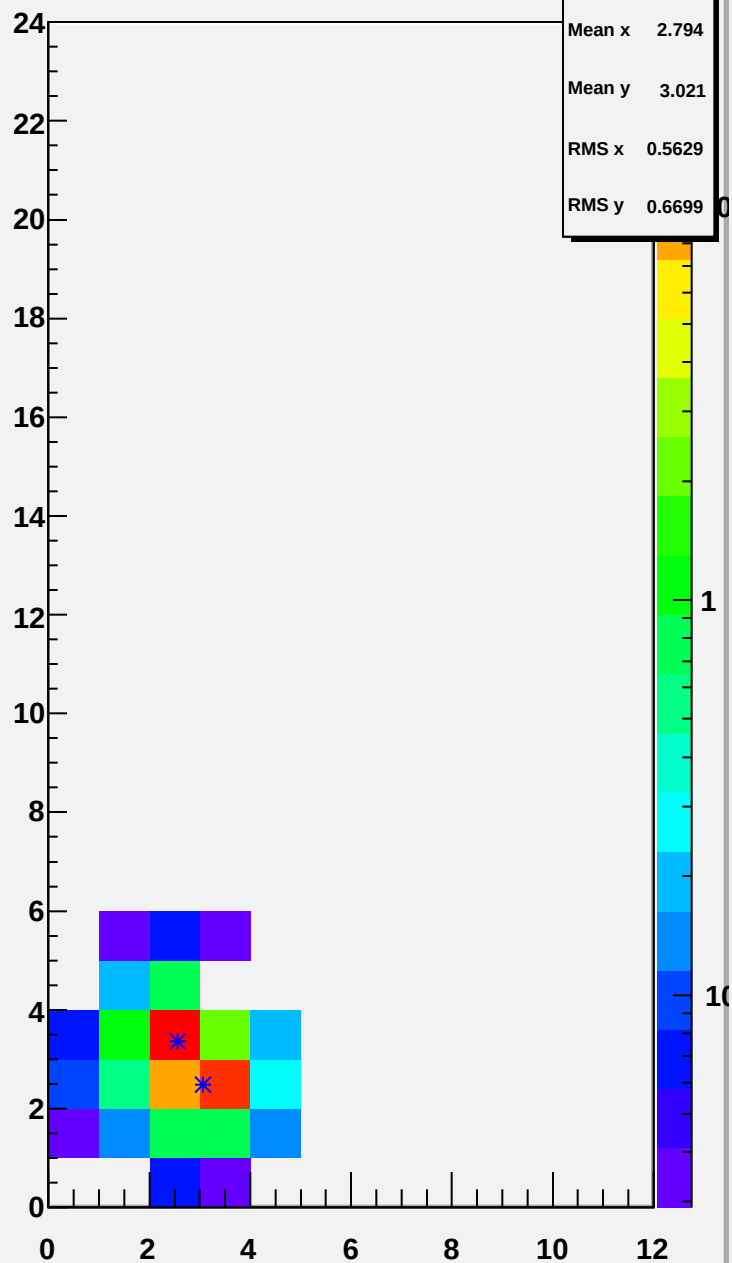
Efit

Entries	288
Mean x	1.809
Mean y	3.848
RMS x	0.6751
RMS y	4.187

NSTB3_r4_c3_En=58.3_m0=0.175 m1=0.174 index=593



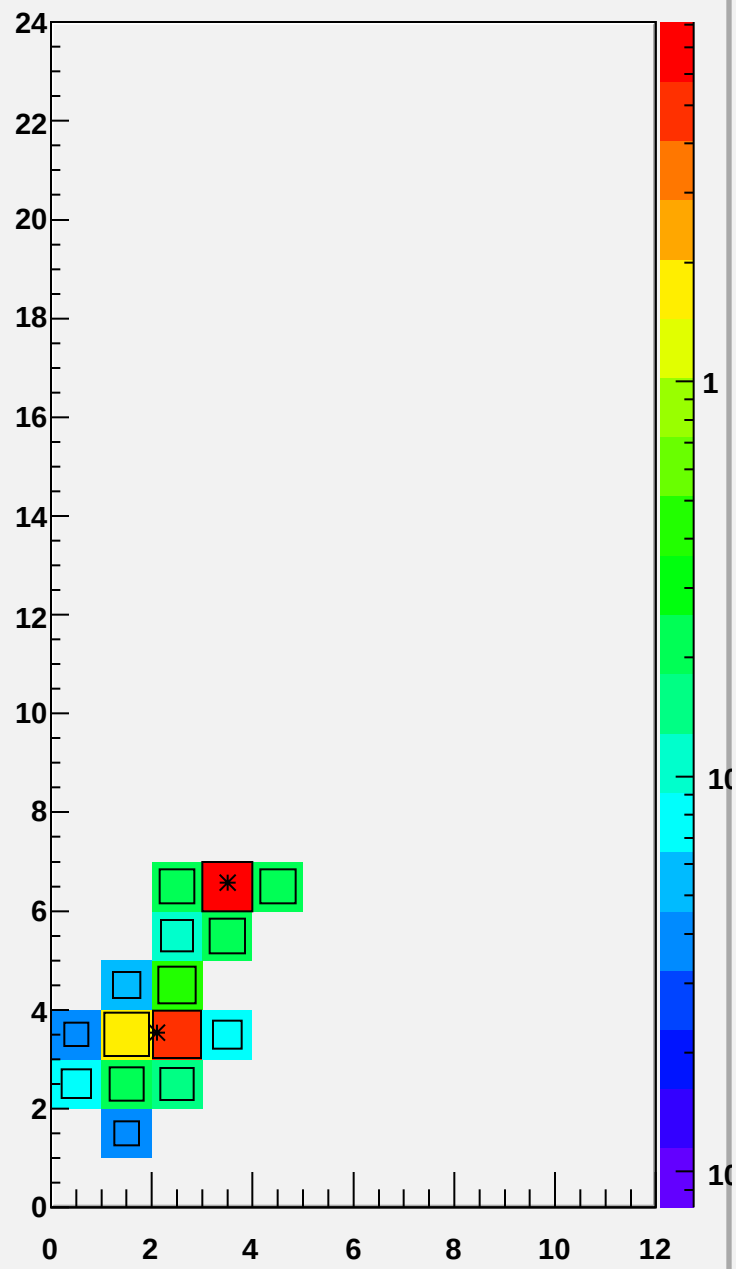
Fitted Energies



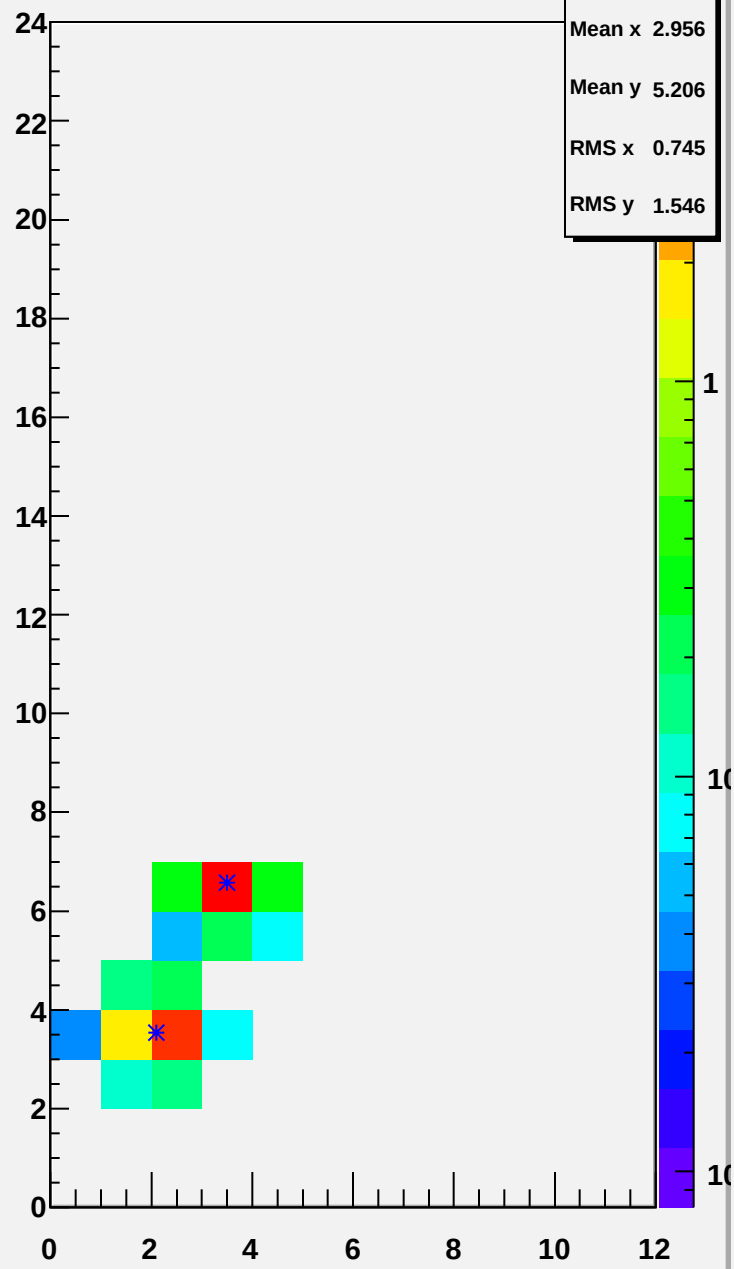
Efit

Entries	288
Mean x	2.794
Mean y	3.021
RMS x	0.5629
RMS y	0.6699

NSTB3_r4_c3_En=16.3_m0=0.155 m1=0.155 index=594



Fitted Energies



Efit

Entries 288

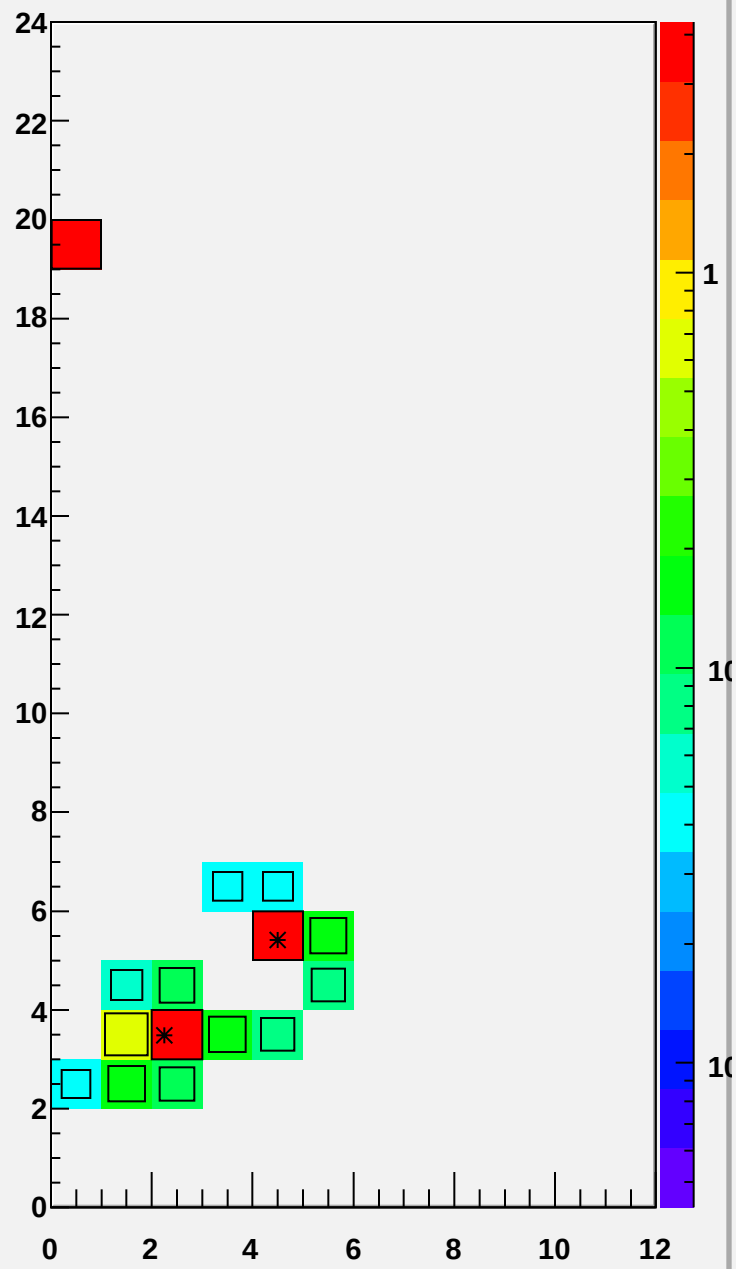
Mean x 2.956

Mean y 5.206

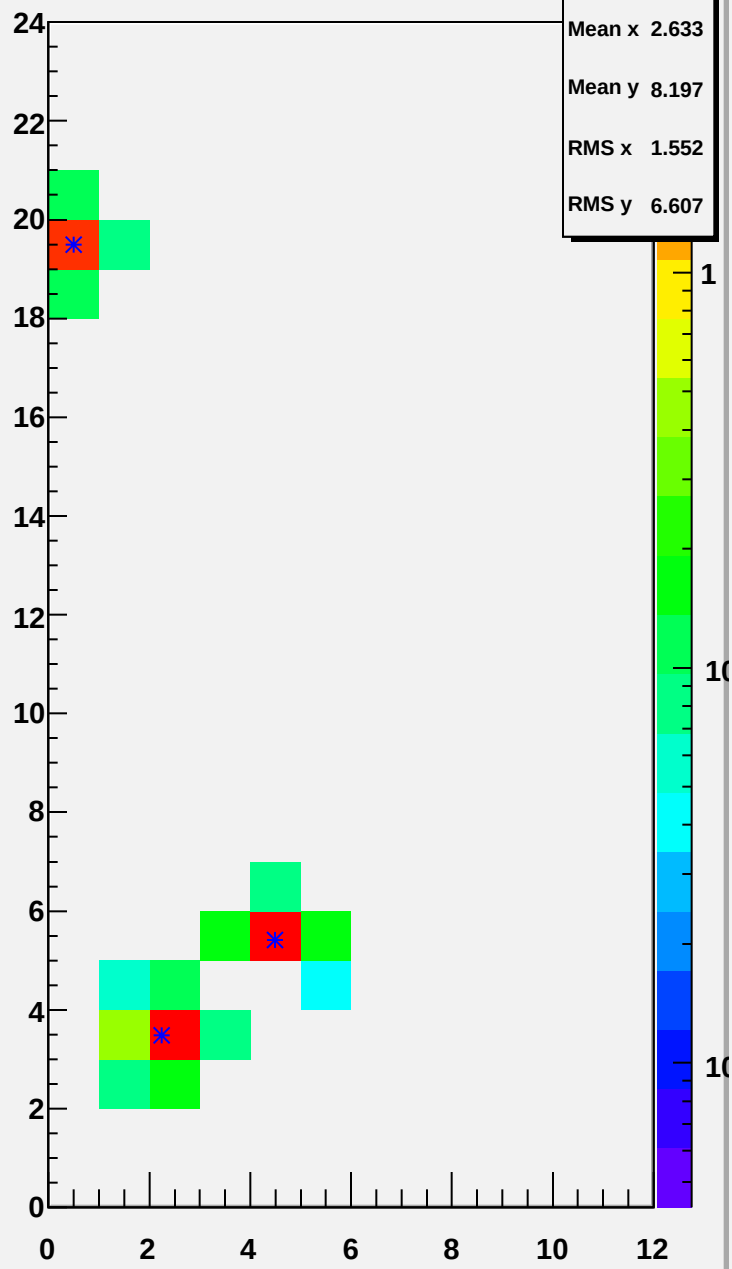
RMS x 0.745

RMS y 1.546

NSTB3_r4_c3_En=13.1_m0=0.083_m1=0.083_index=595



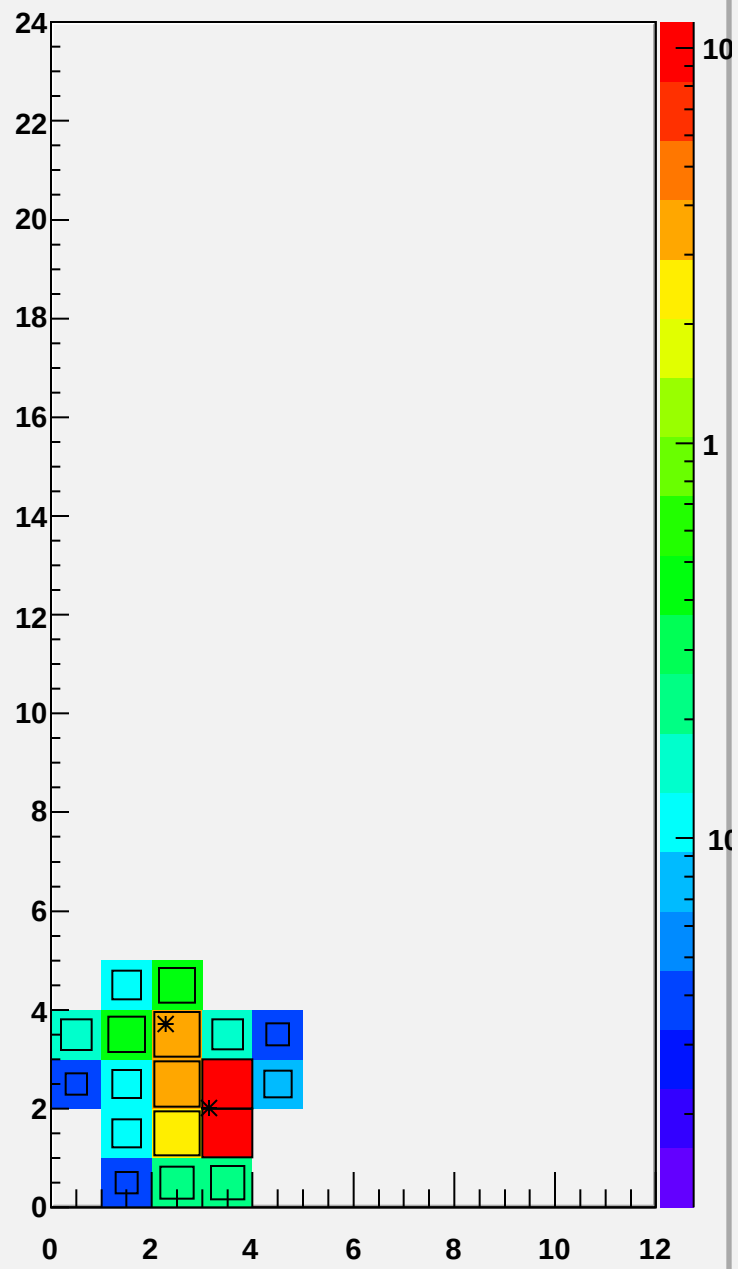
Fitted Energies



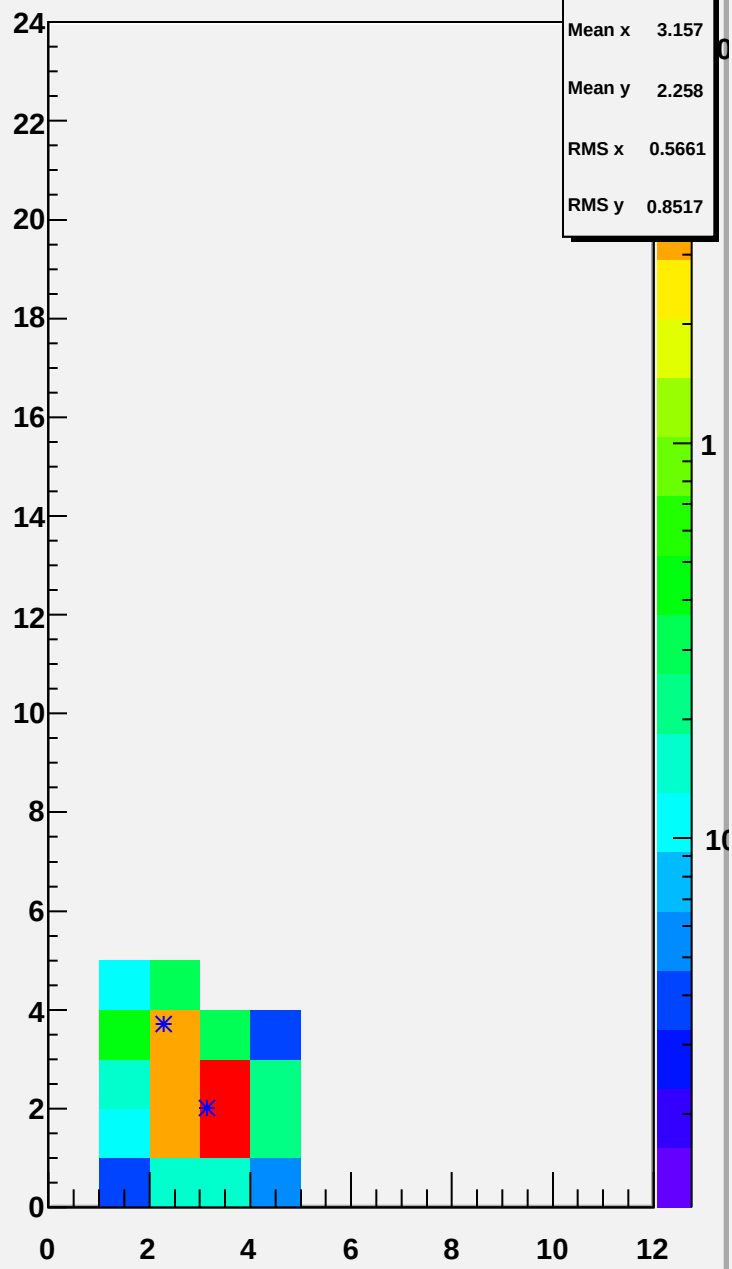
Efit

Entries 288
Mean x 2.633
Mean y 8.197
RMS x 1.552
RMS y 6.607

NSTB3_r4_c3_En=33.0_m0=0.118_m1=0.119_index=596



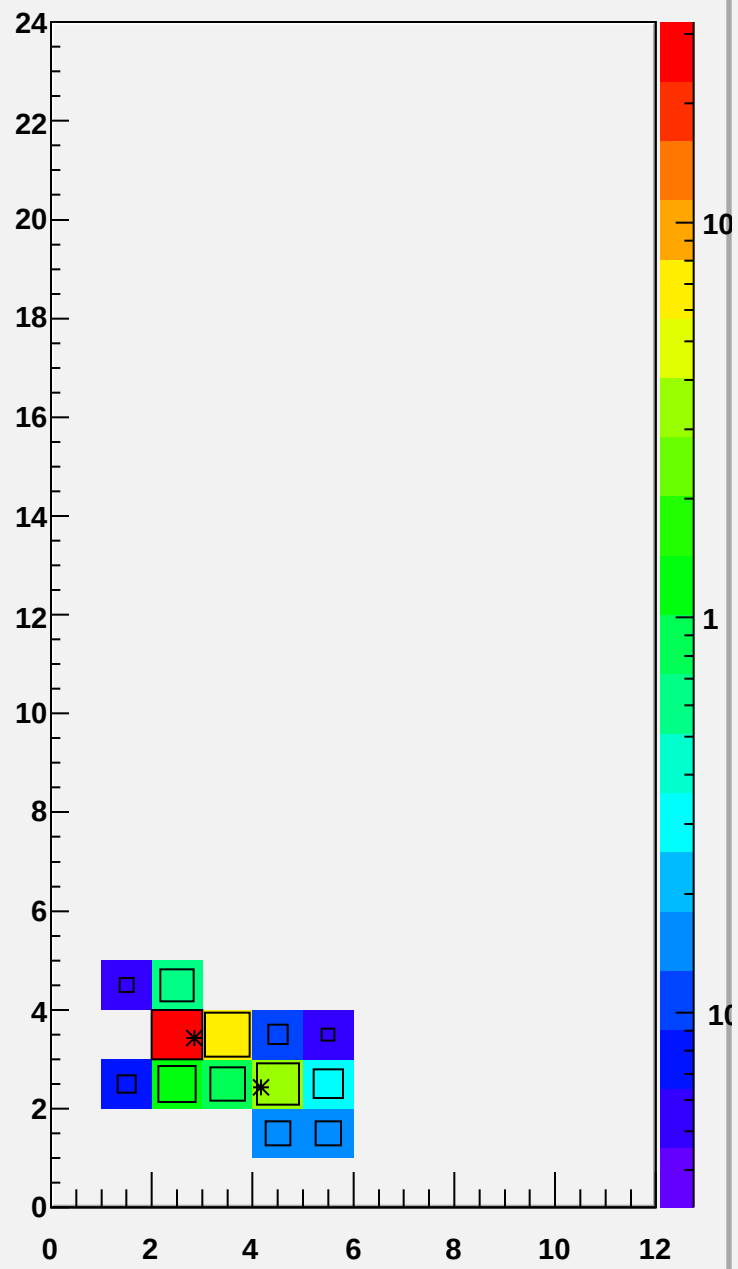
Fitted Energies



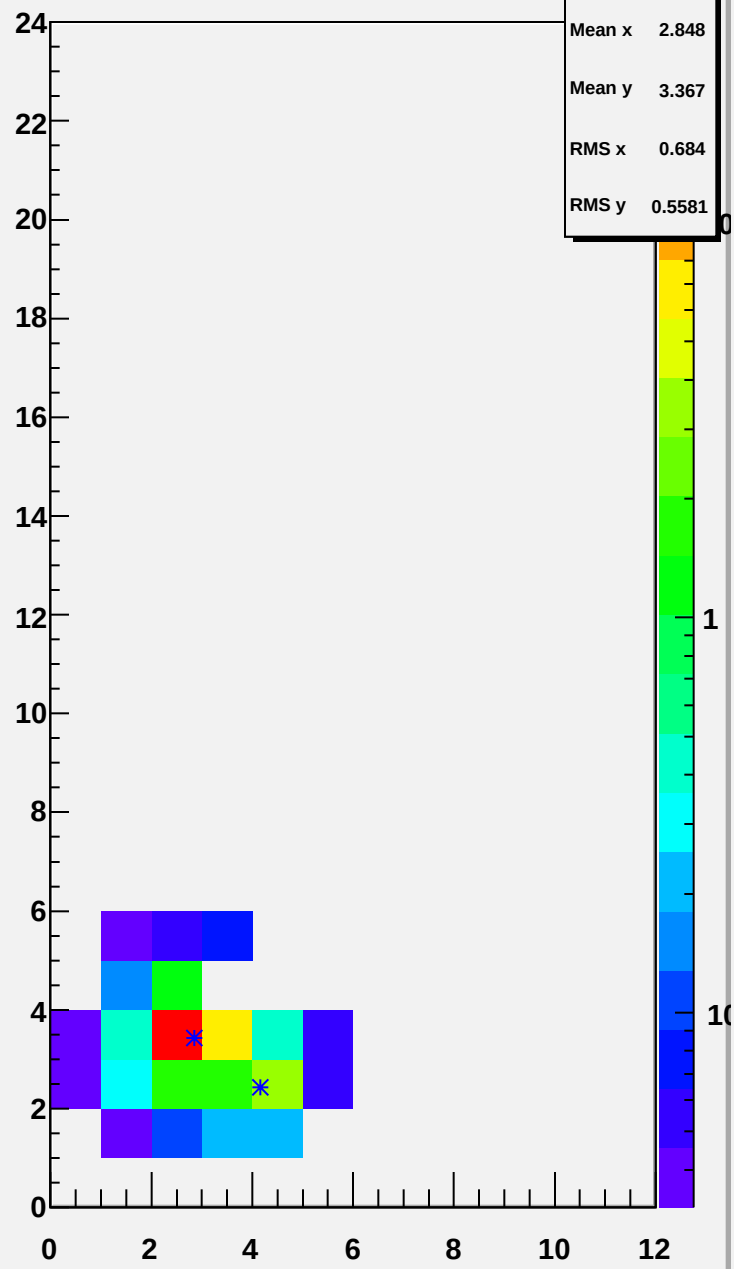
Efit

Entries	288
Mean x	3.157
Mean y	2.258
RMS x	0.5661
RMS y	0.8517

NSTB3_r4_c3_En=46.9_m0=0.136_m1=0.136_index=597



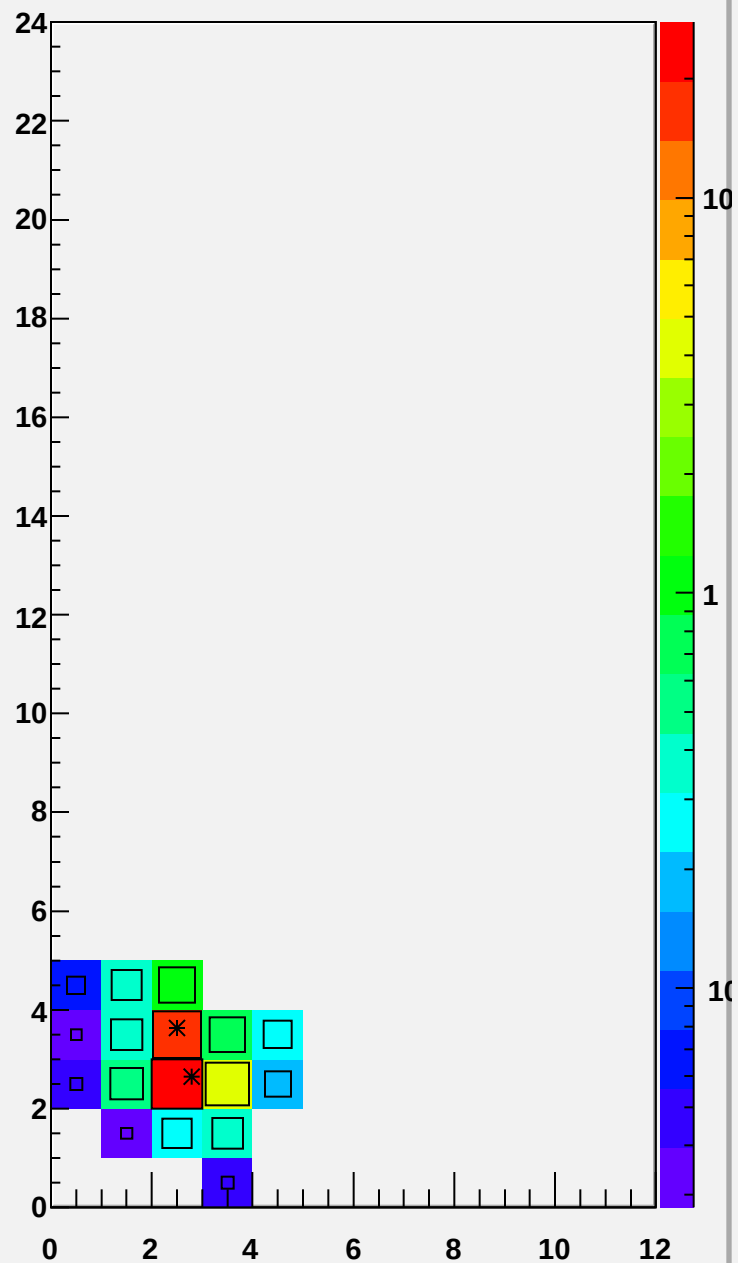
Fitted Energies



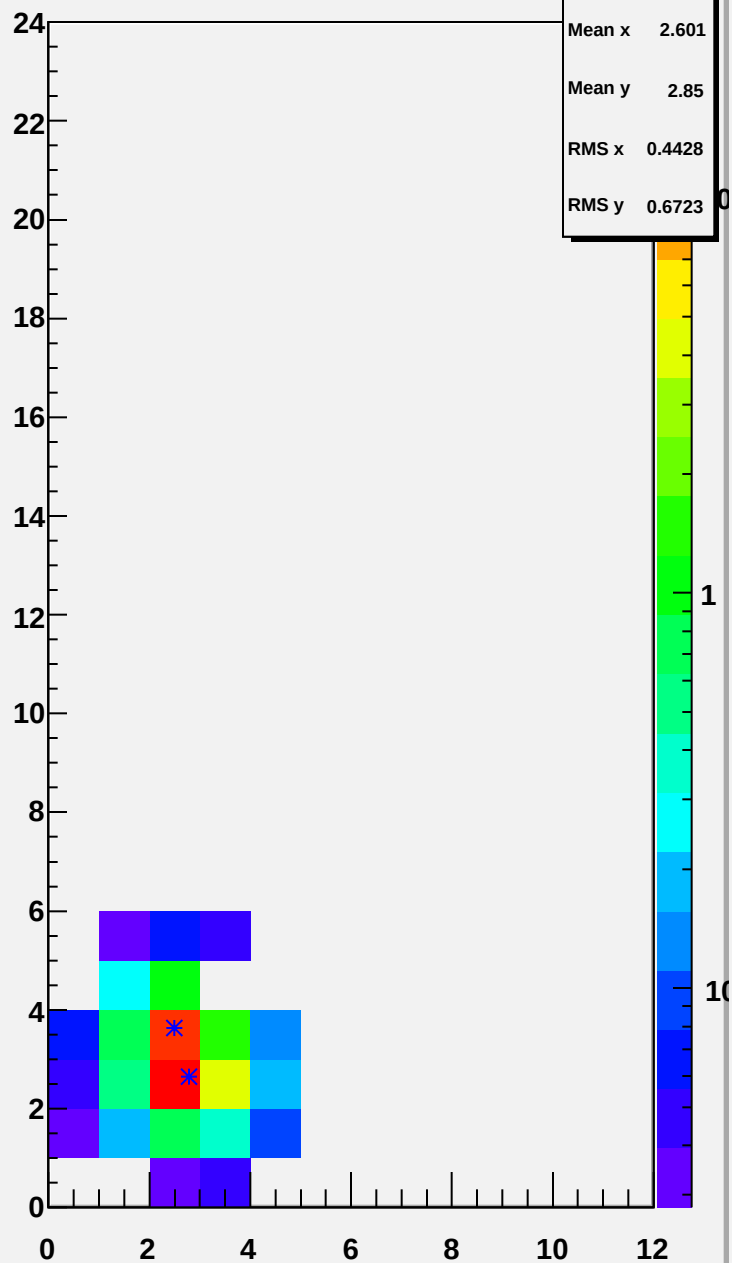
Efit

Entries	288
Mean x	2.848
Mean y	3.367
RMS x	0.684
RMS y	0.5581

NSTB3_r4_c3_En=51.5_m0=0.131 m1=0.132 index=598



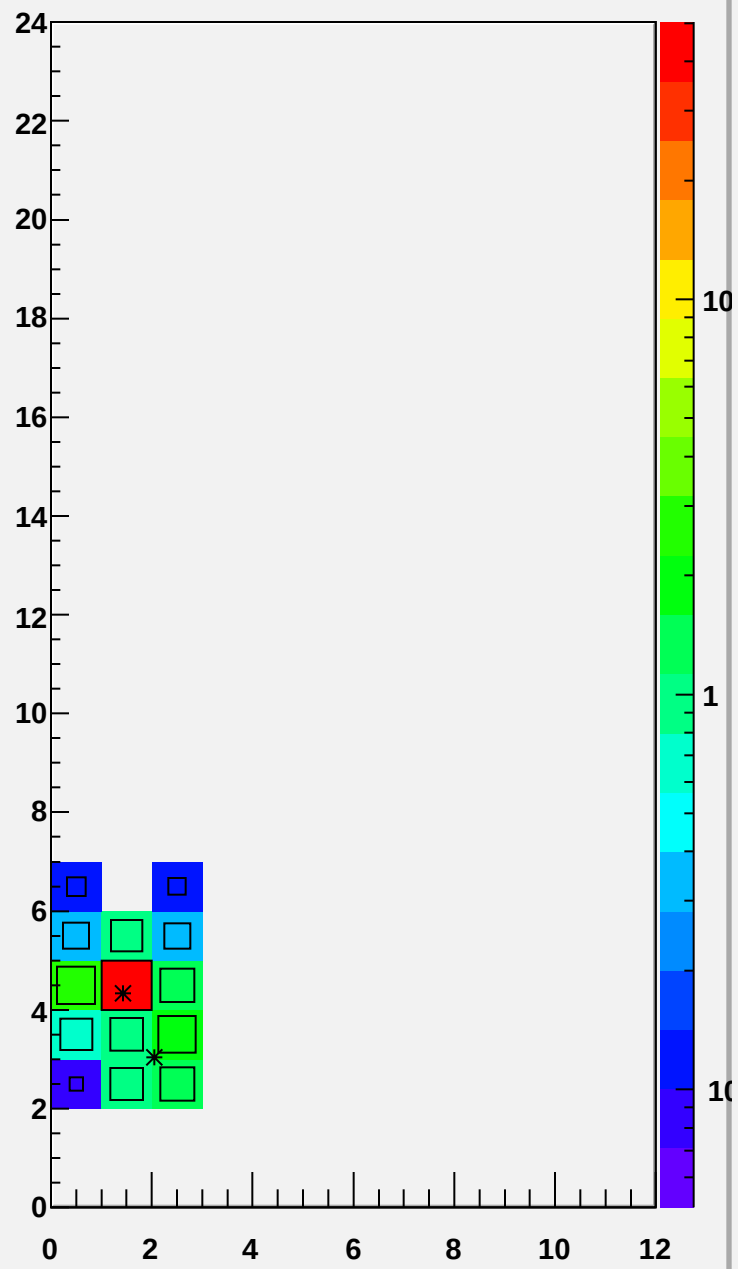
Fitted Energies



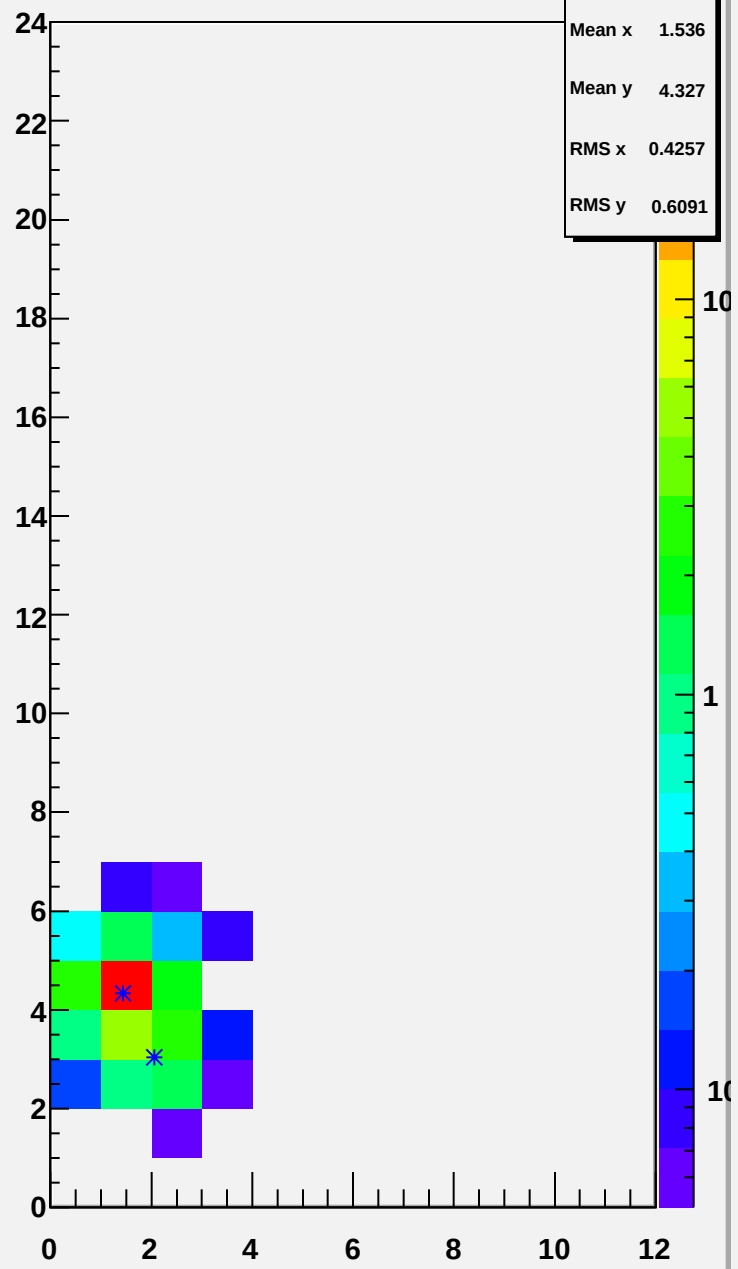
Efit

Entries	288
Mean x	2.601
Mean y	2.85
RMS x	0.4428
RMS y	0.6723

NSTB3_r4_c3_En=61.9_m0=0.147 m1=0.148 index=599



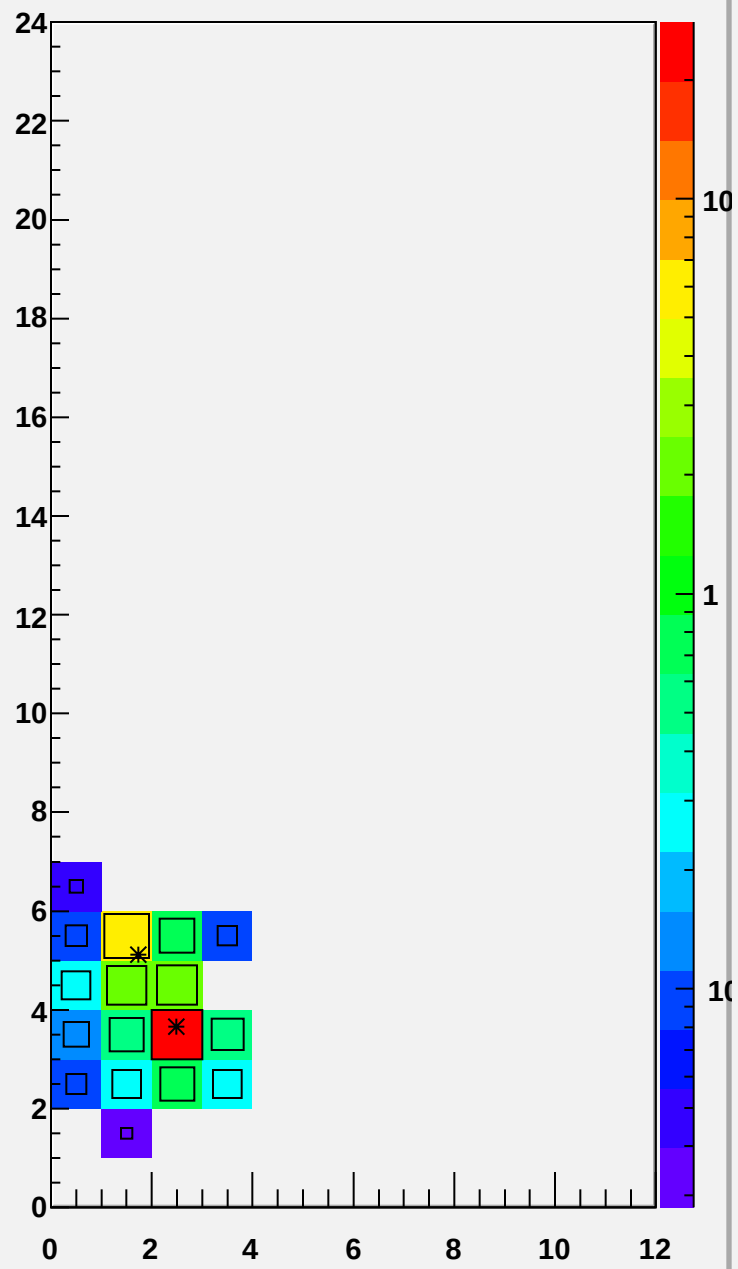
Fitted Energies



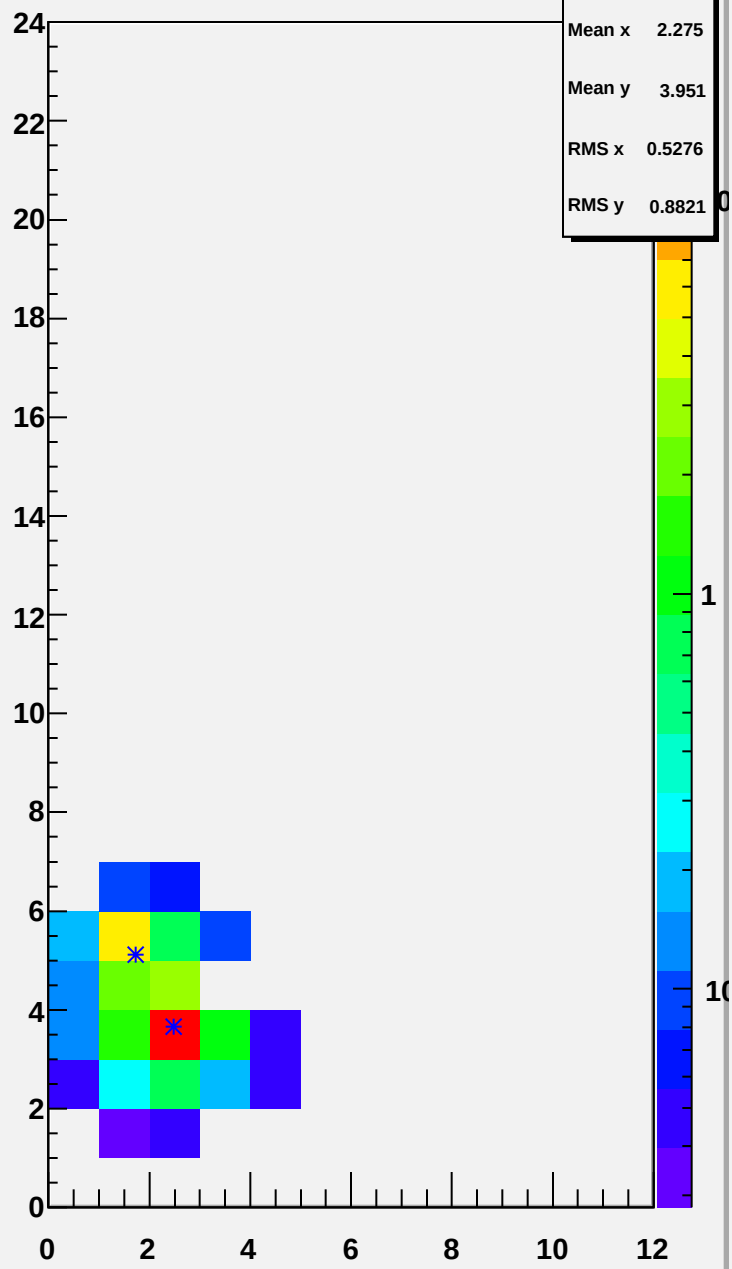
Efit

Entries	288
Mean x	1.536
Mean y	4.327
RMS x	0.4257
RMS y	0.6091

NSTB3_r4_c3_En=42.4_m0=0.171 m1=0.171 index=600



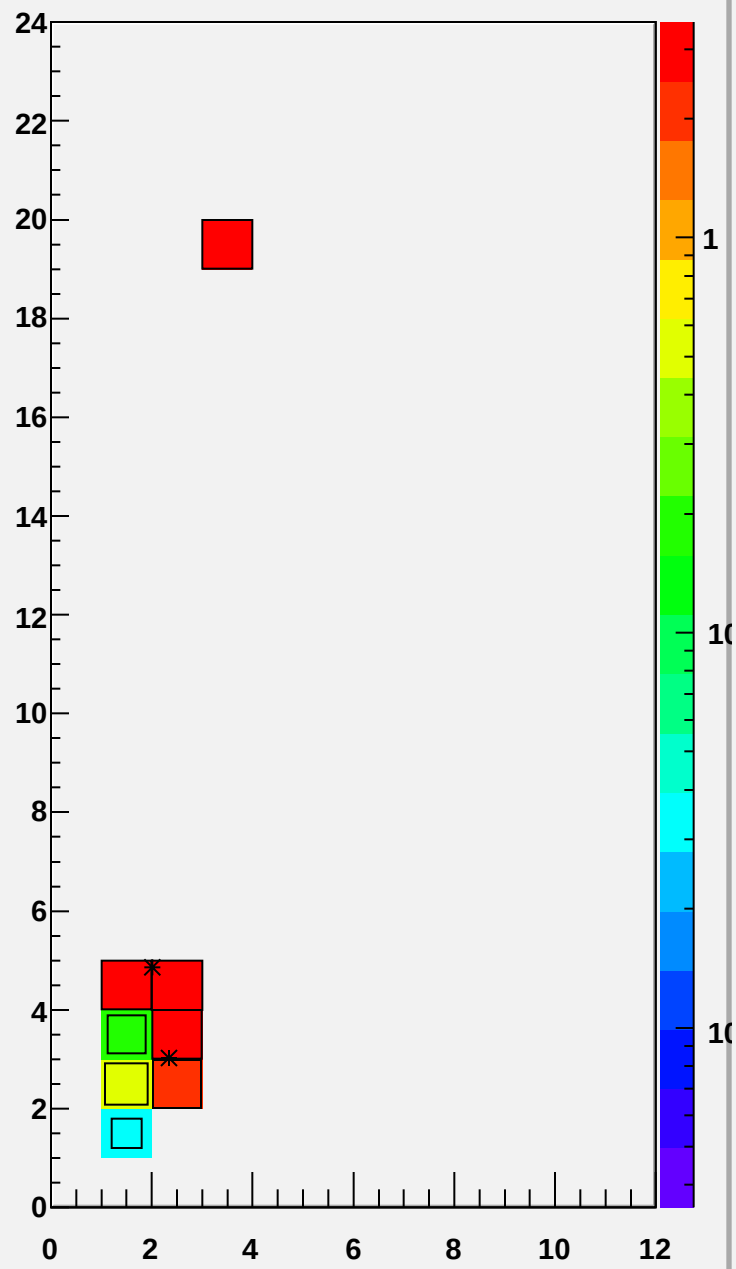
Fitted Energies



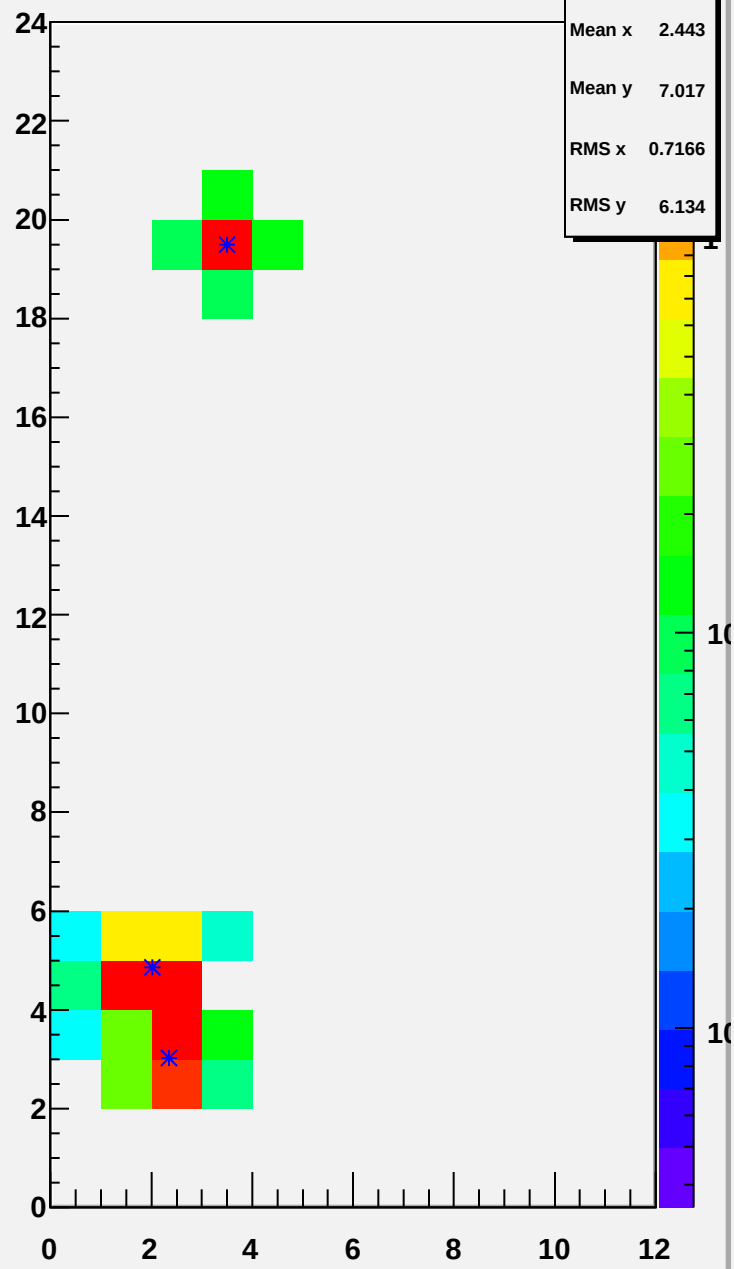
Efit

Entries	288
Mean x	2.275
Mean y	3.951
RMS x	0.5276
RMS y	0.8821

NSTB3_r4_c3_En=15.3_m0=0.073 m1=0.073 index=601



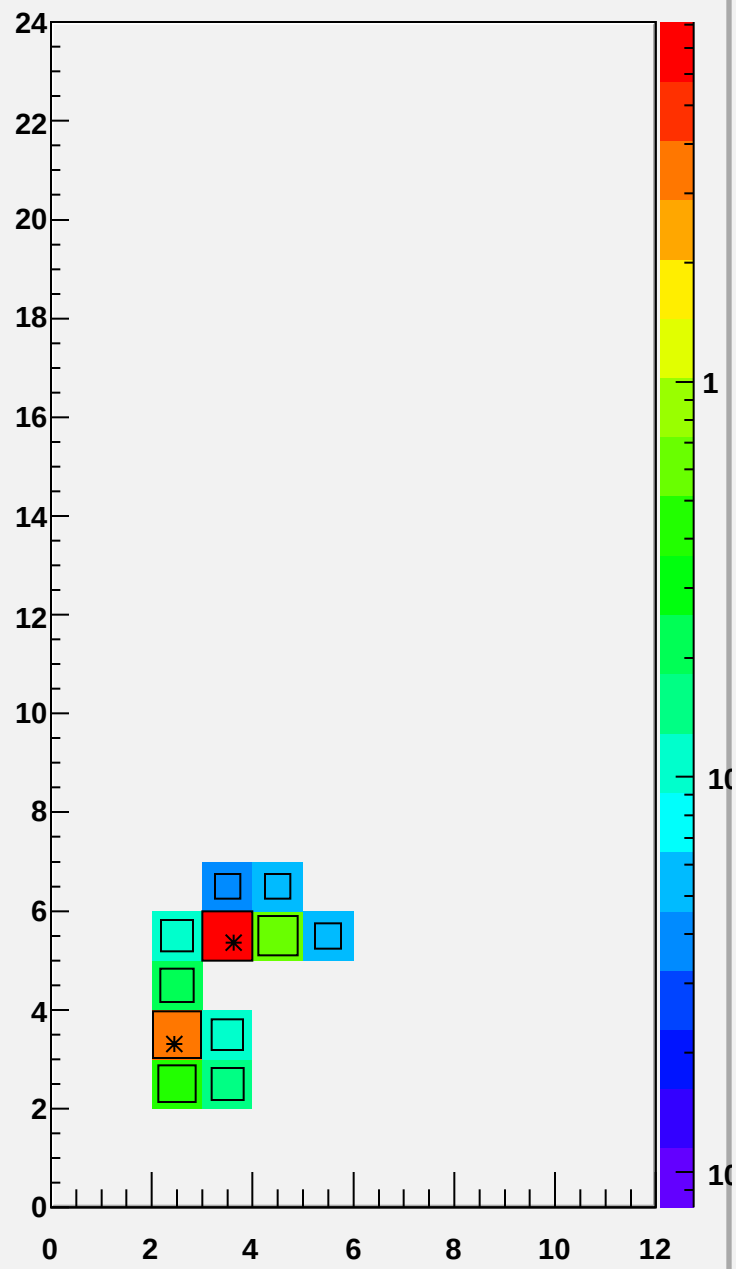
Fitted Energies



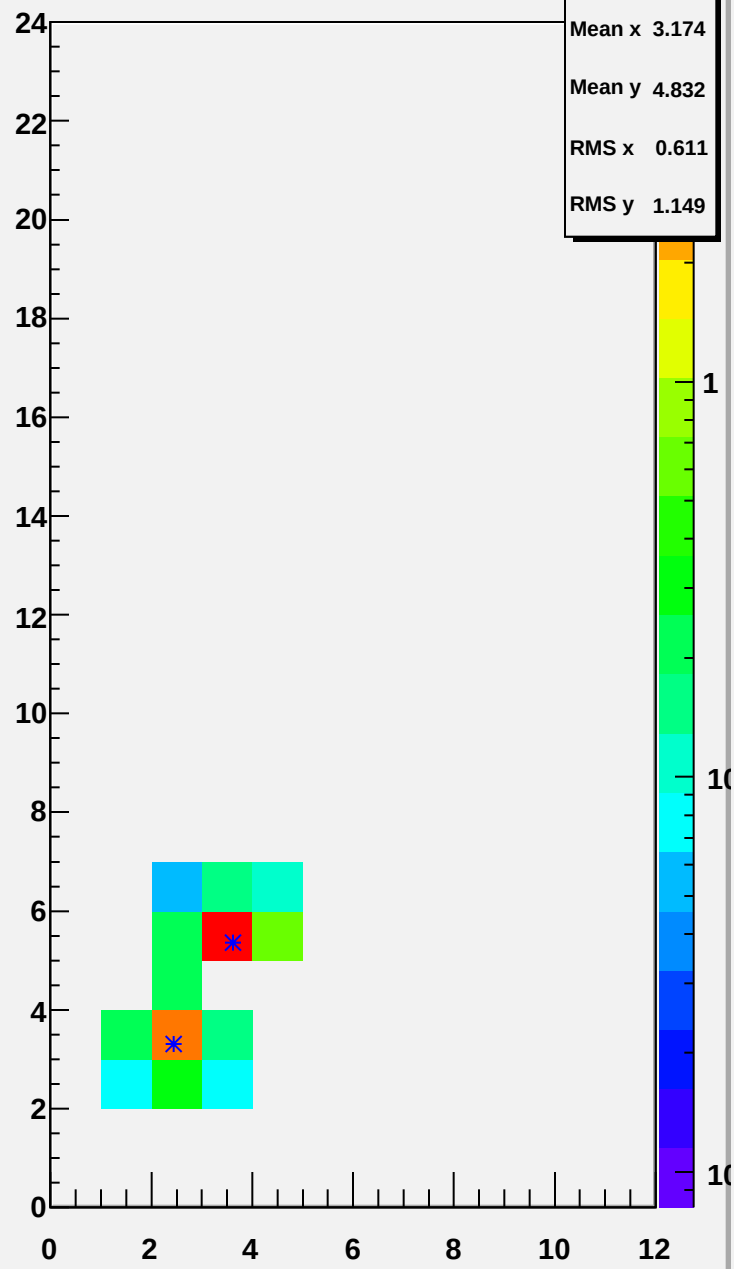
Efit

Entries	288
Mean x	2.443
Mean y	7.017
RMS x	0.7166
RMS y	6.134

NSTB3_r4_c3_En=13.7_m0=0.091 m1=0.091 index=604



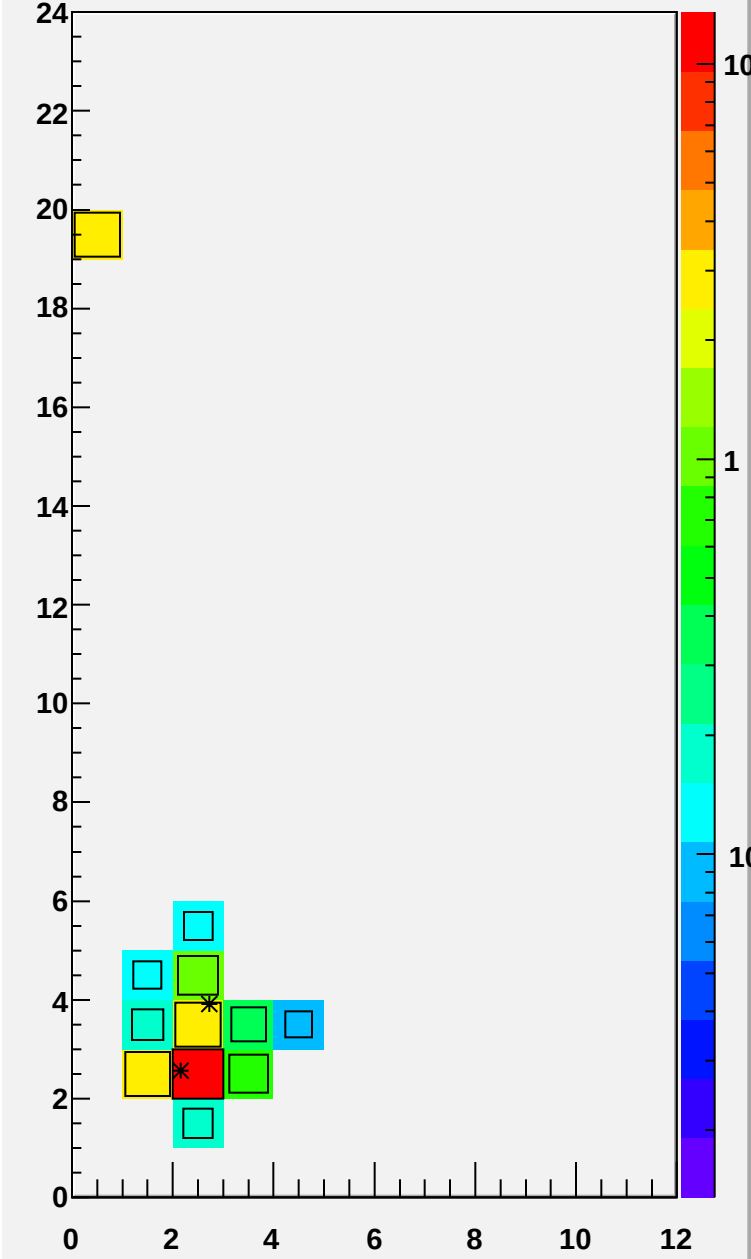
Fitted Energies



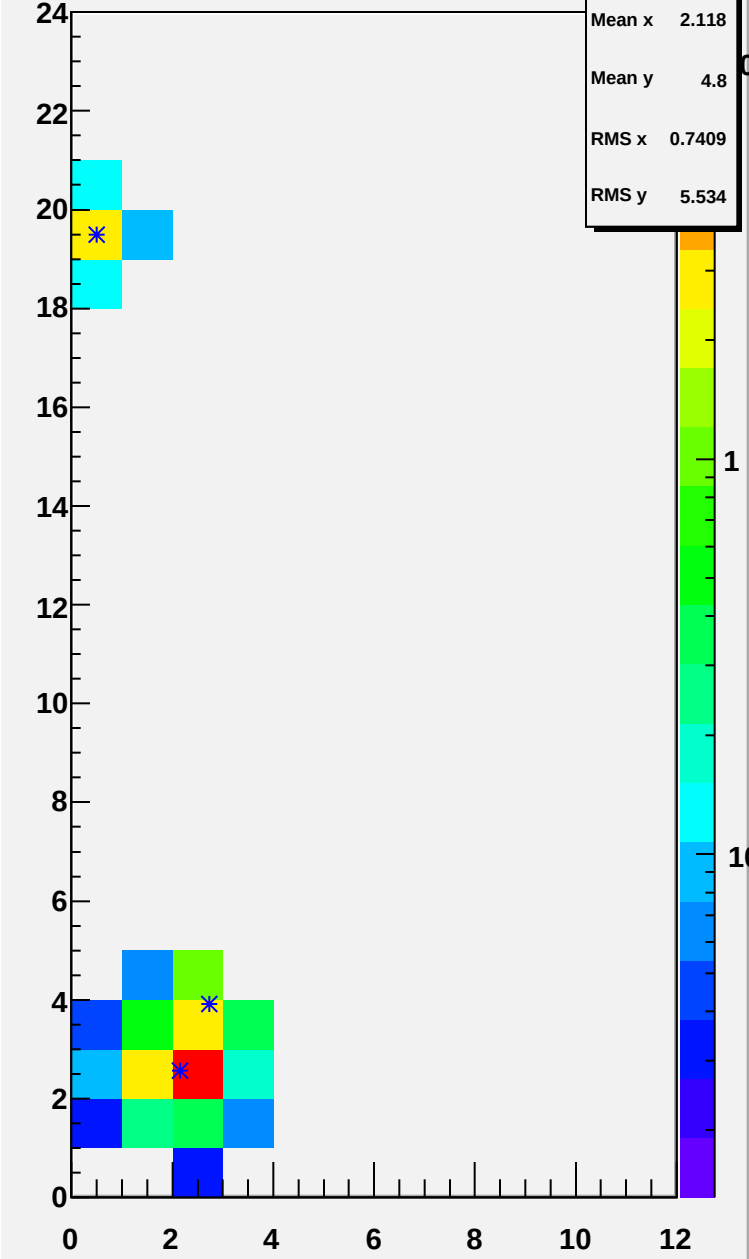
Efit

Entries 288
Mean x 3.174
Mean y 4.832
RMS x 0.611
RMS y 1.149

NSTB3_r4_c3_En=26.2_m0=0.072 m1=0.072 index=605

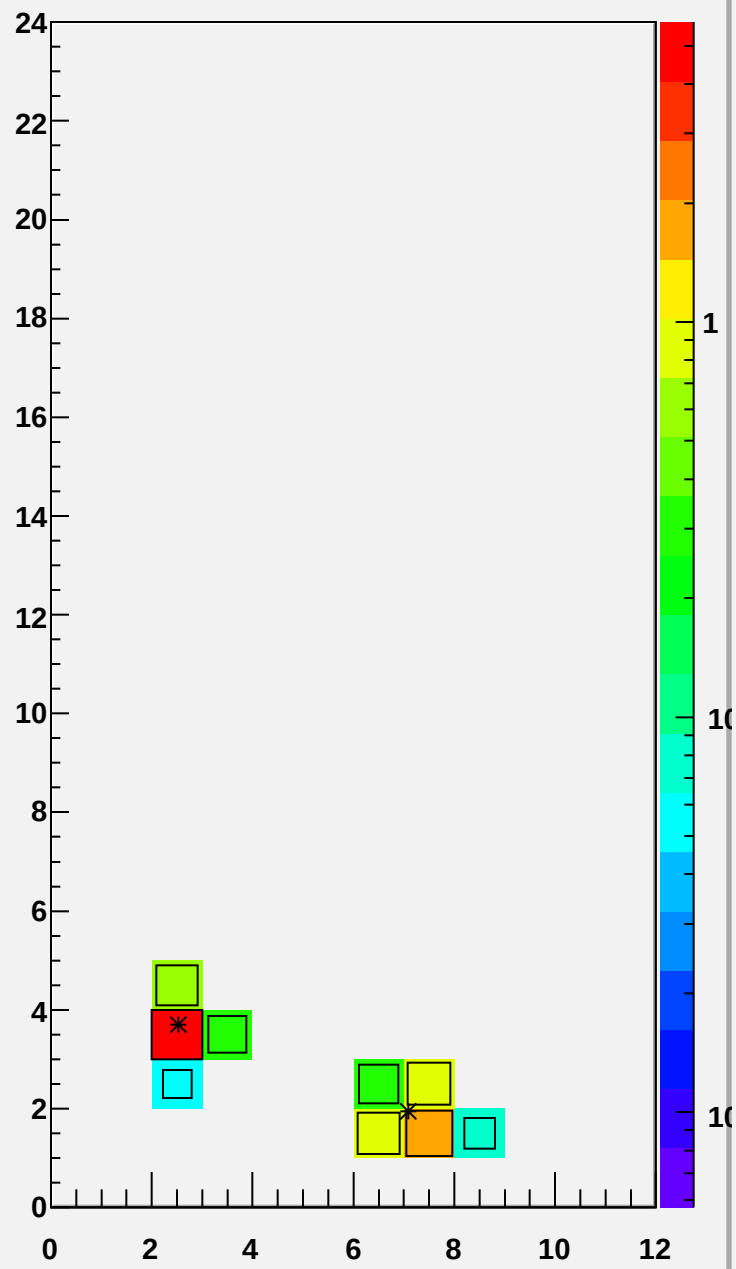


Fitted Energies

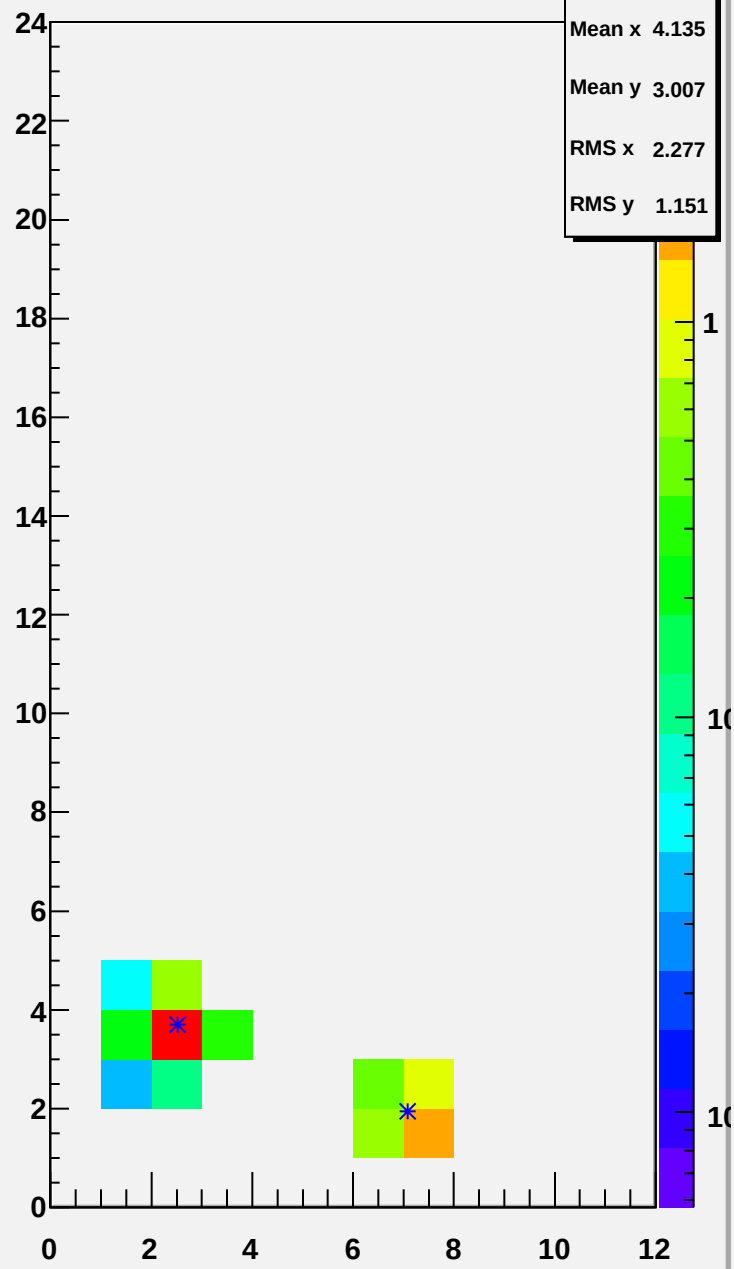


Efit	
Entries	288
Mean x	2.118
Mean y	4.8
RMS x	0.7409
RMS y	5.534

NSTB3_r4_c3_En=10.5_m0=0.145_m1=0.145_index=606



Fitted Energies



Efit

Entries 288

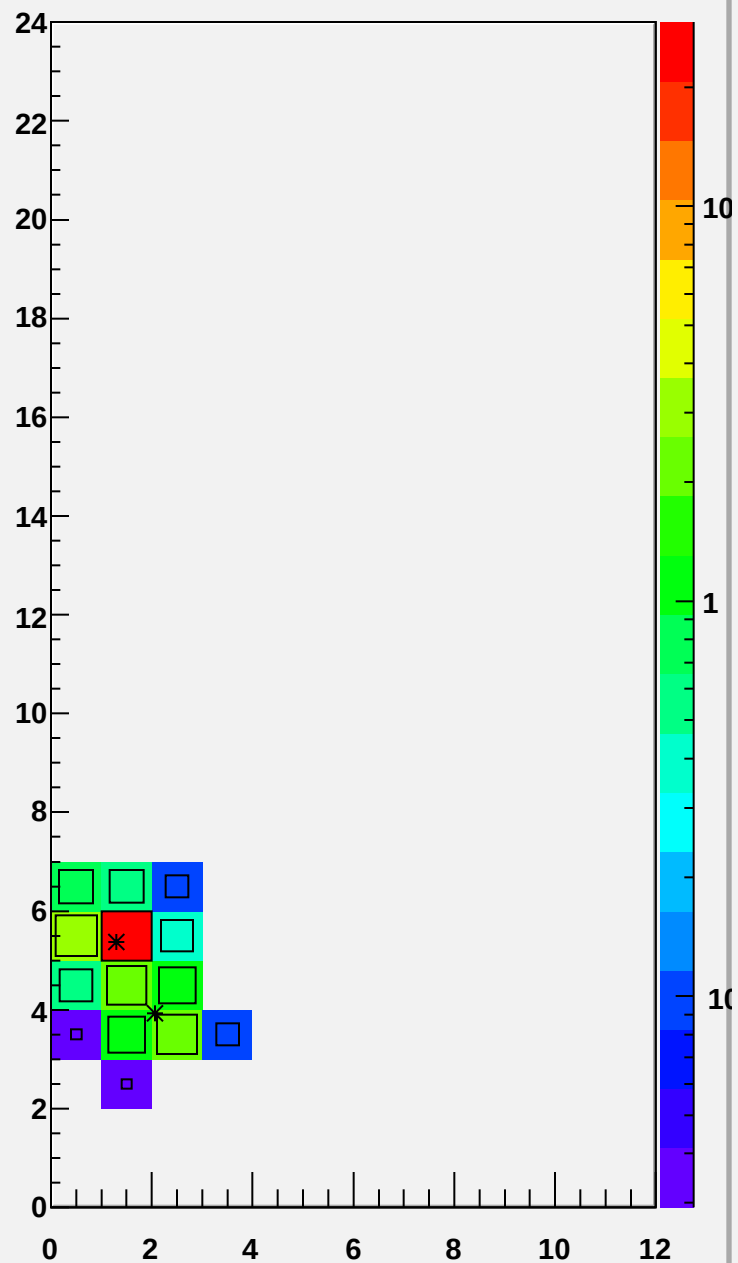
Mean x 4.135

Mean y 3.007

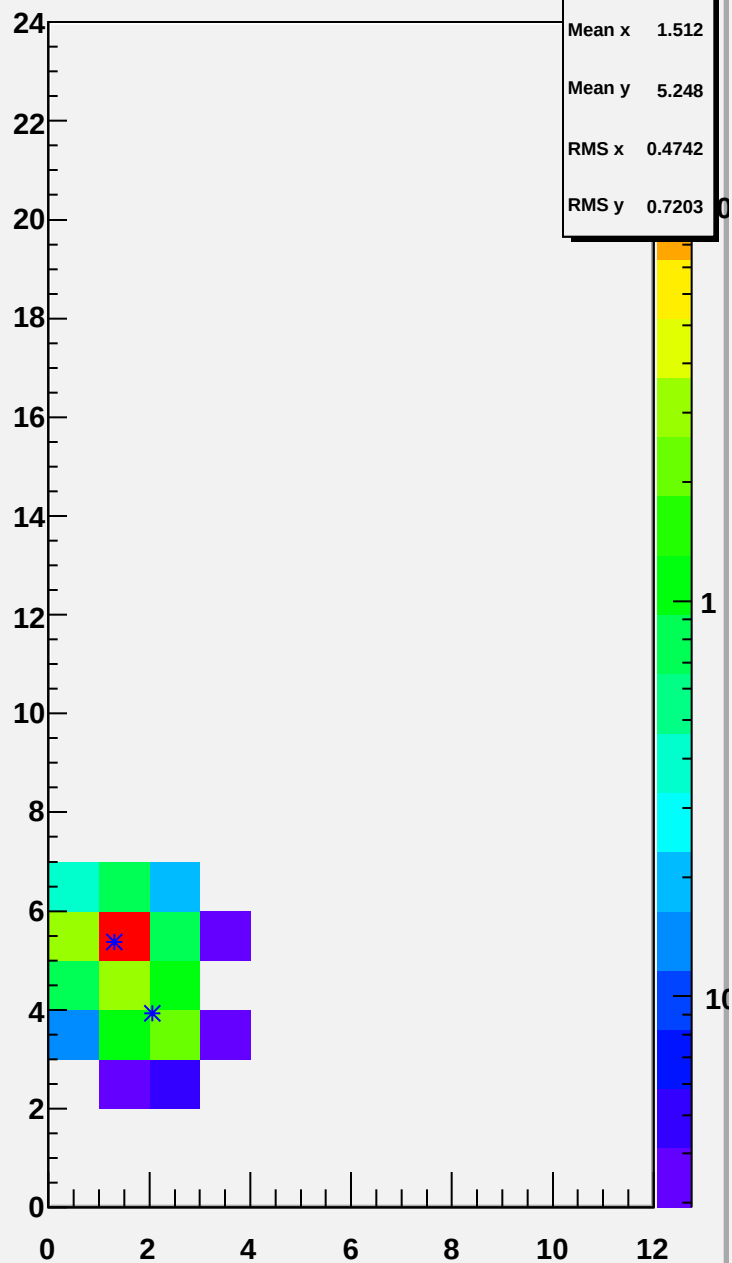
RMS x 2.277

RMS y 1.151

NSTB3_r4_c3_En=41.6_m0=0.128 m1=0.127 index=608



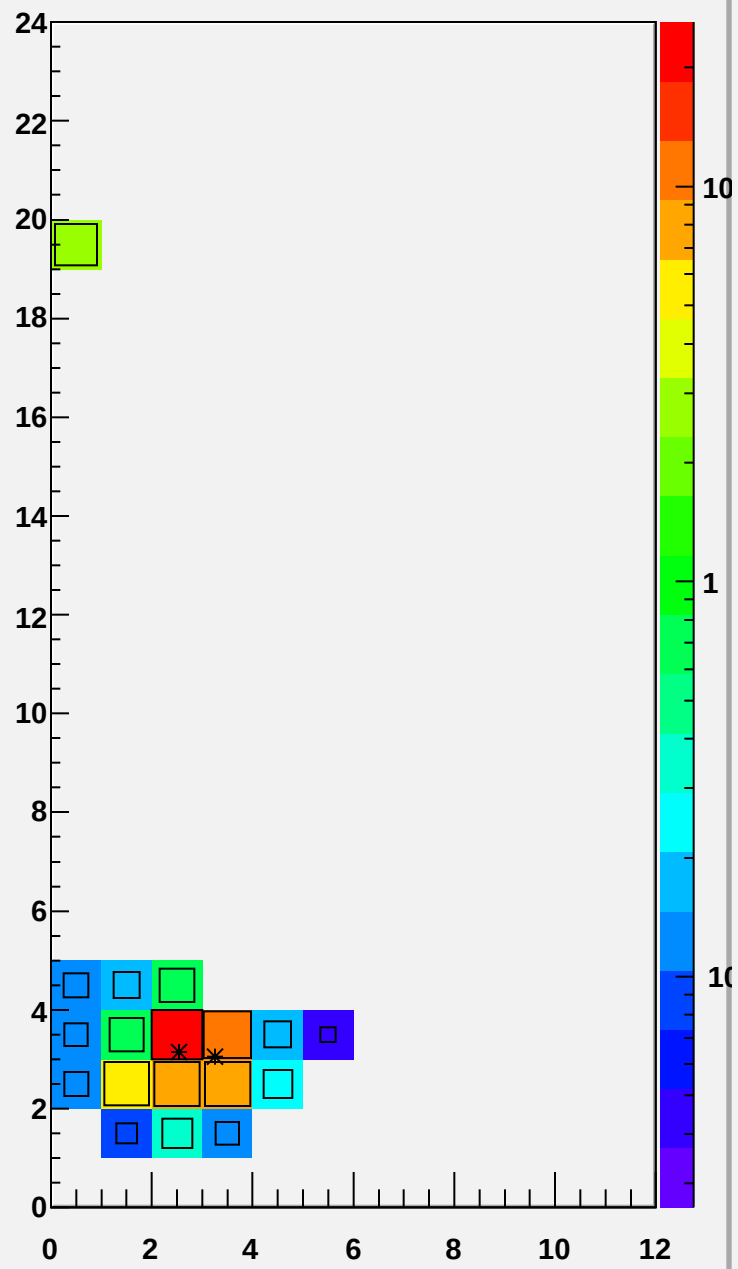
Fitted Energies



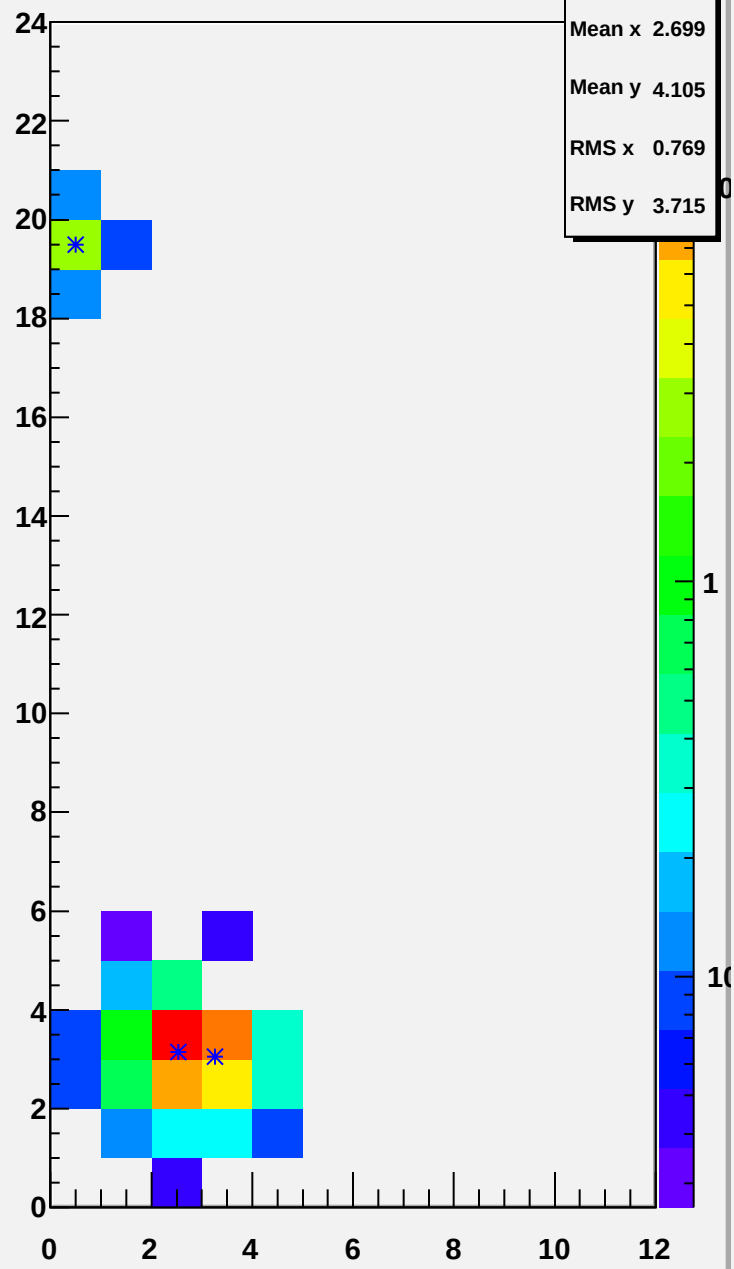
Efit

Entries	288
Mean x	1.512
Mean y	5.248
RMS x	0.4742
RMS y	0.7203

NSTB3_r4_c3_En=63.6_m0=0.107_m1=0.108_index=609



Fitted Energies



Efit

Entries 288

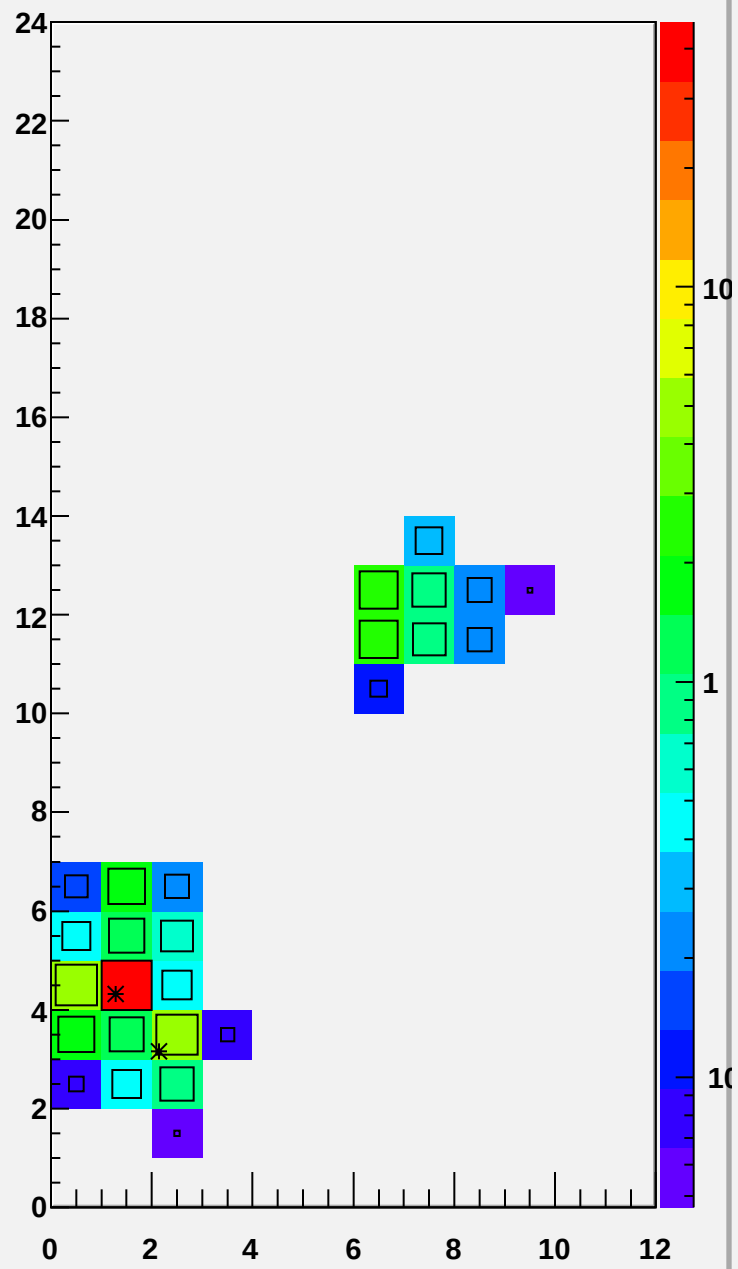
Mean x 2.699

Mean y 4.105

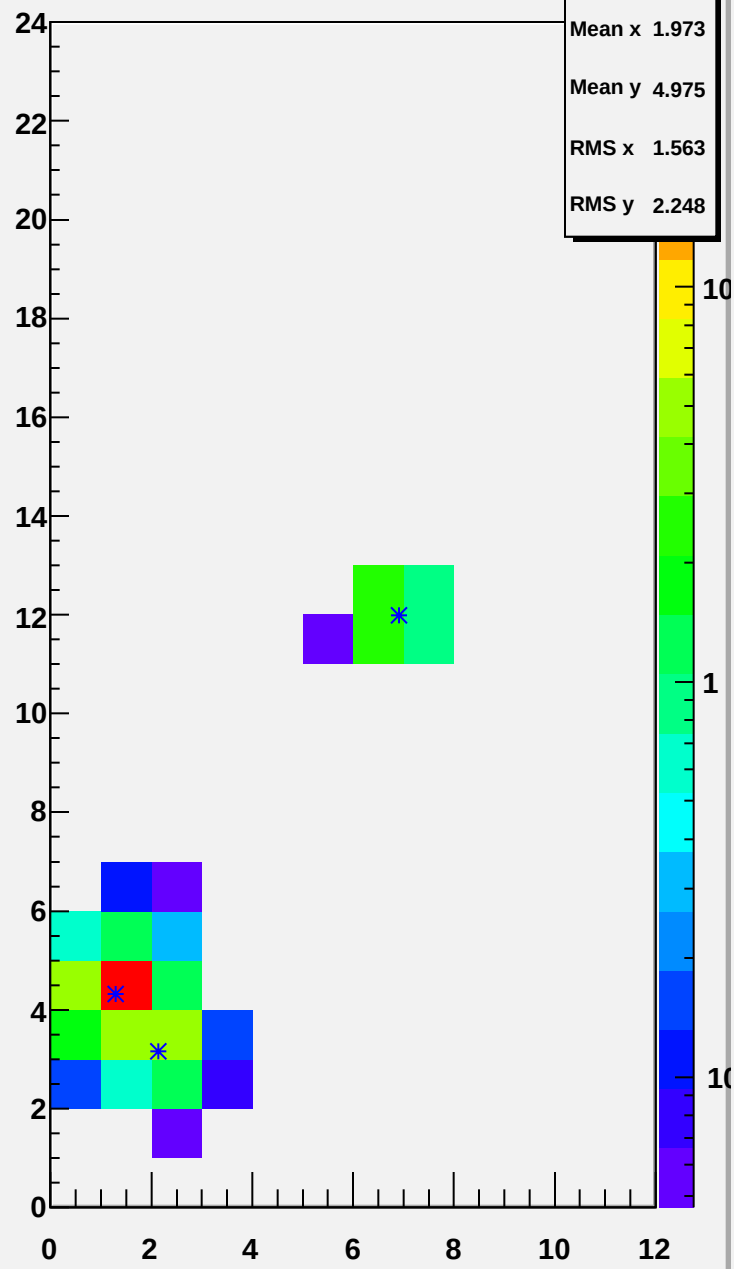
RMS x 0.769

RMS y 3.715

NSTB3_r4_c3_En=73.4_m0=0.173_m1=0.173_index=610



Fitted Energies



Efit

Entries 288

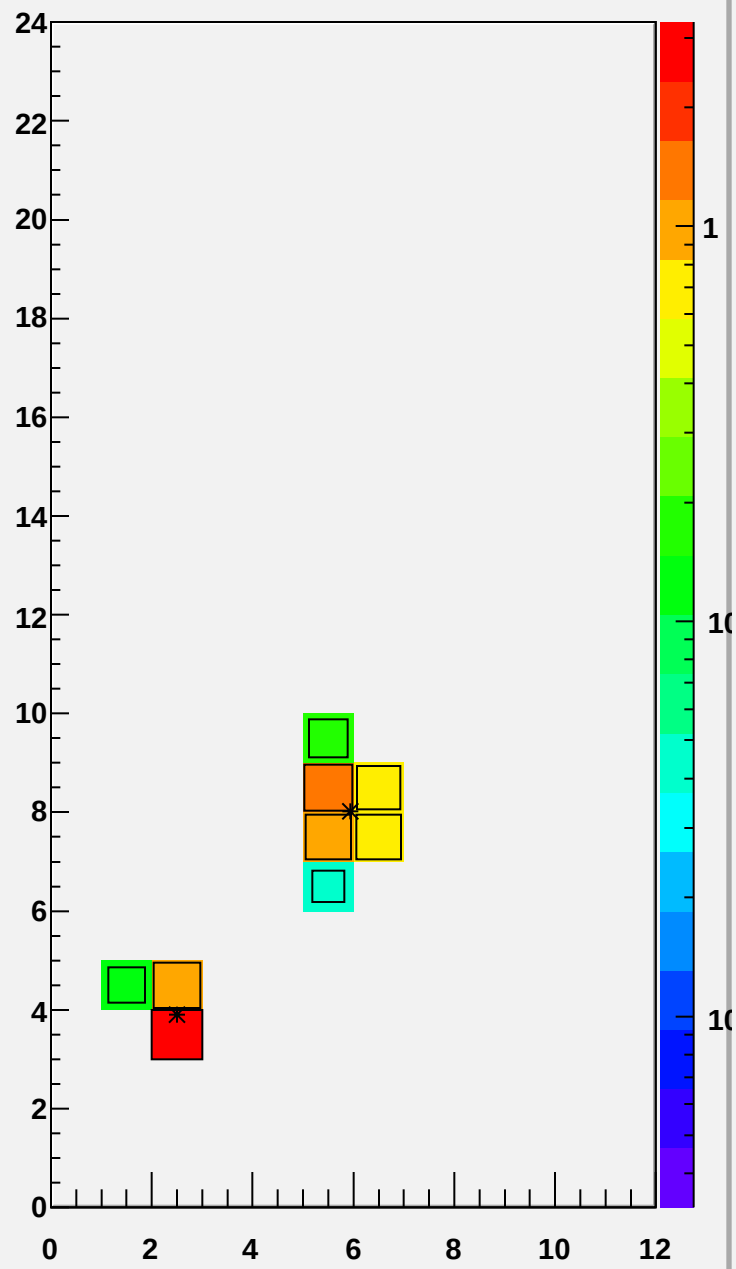
Mean x 1.973

Mean y 4.975

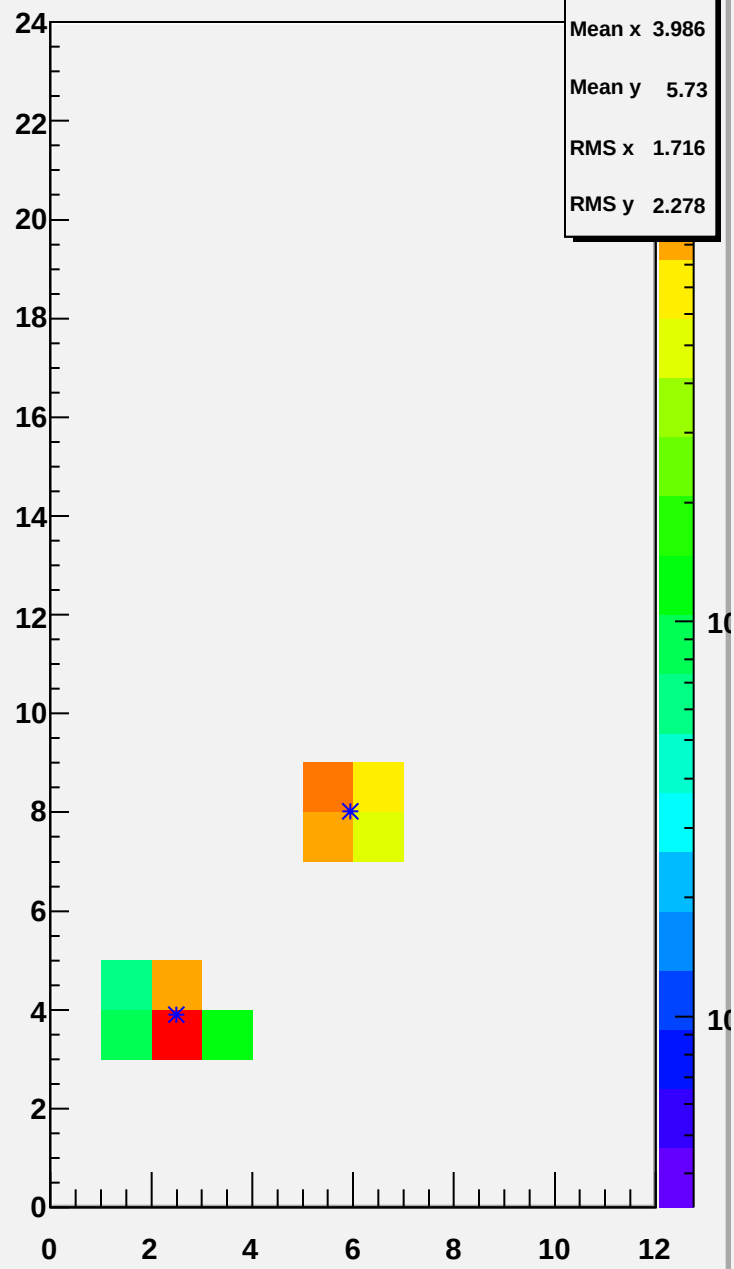
RMS x 1.563

RMS y 2.248

NSTB3_r4_c3_En= 8.6_m0=0.133 m1=0.133 index=611



Fitted Energies



Efit

Entries 288

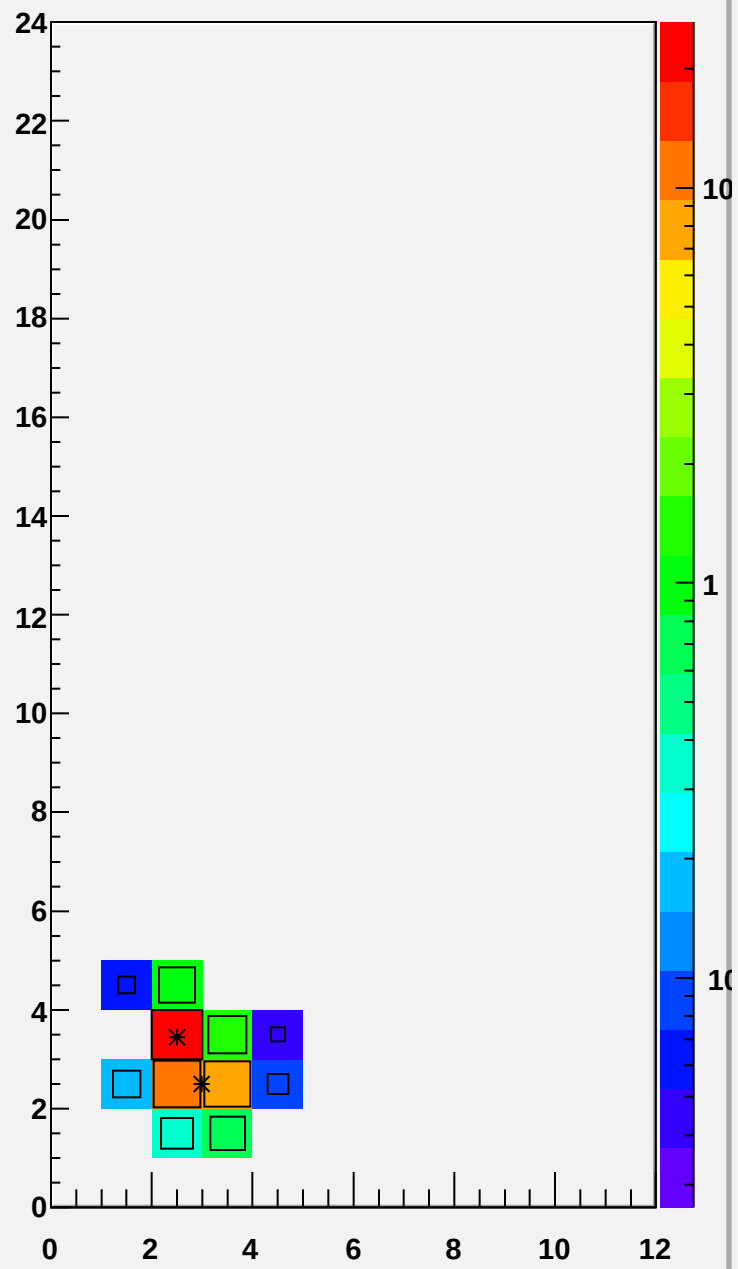
Mean x 3.986

Mean y 5.73

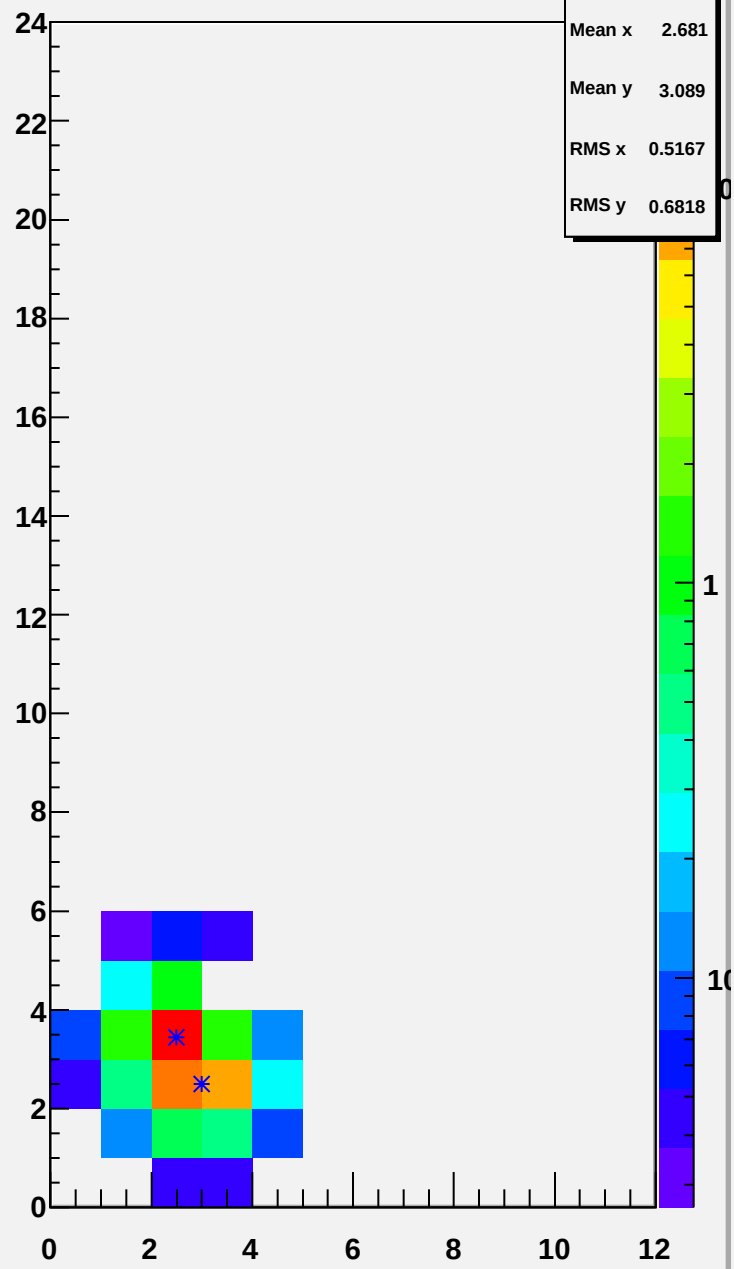
RMS x 1.716

RMS y 2.278

NSTB3_r4_c3_En=50.1_m0=0.149_m1=0.149_index=612



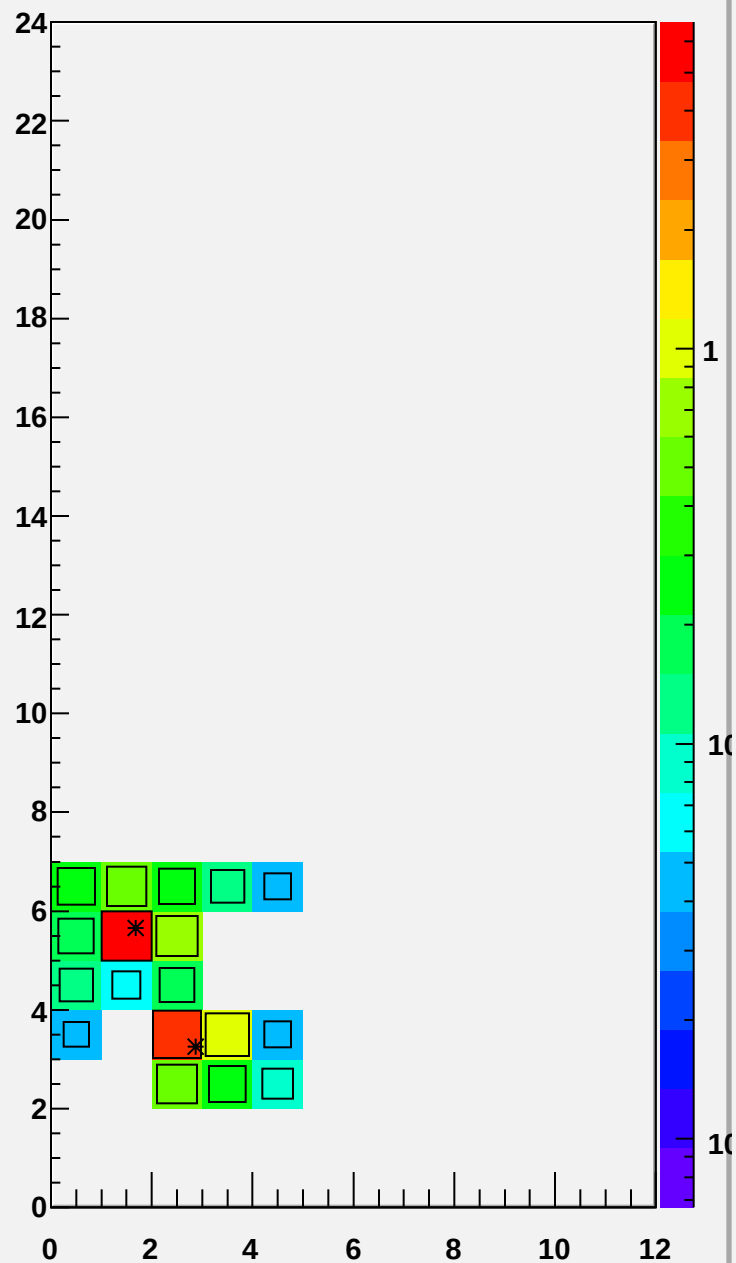
Fitted Energies



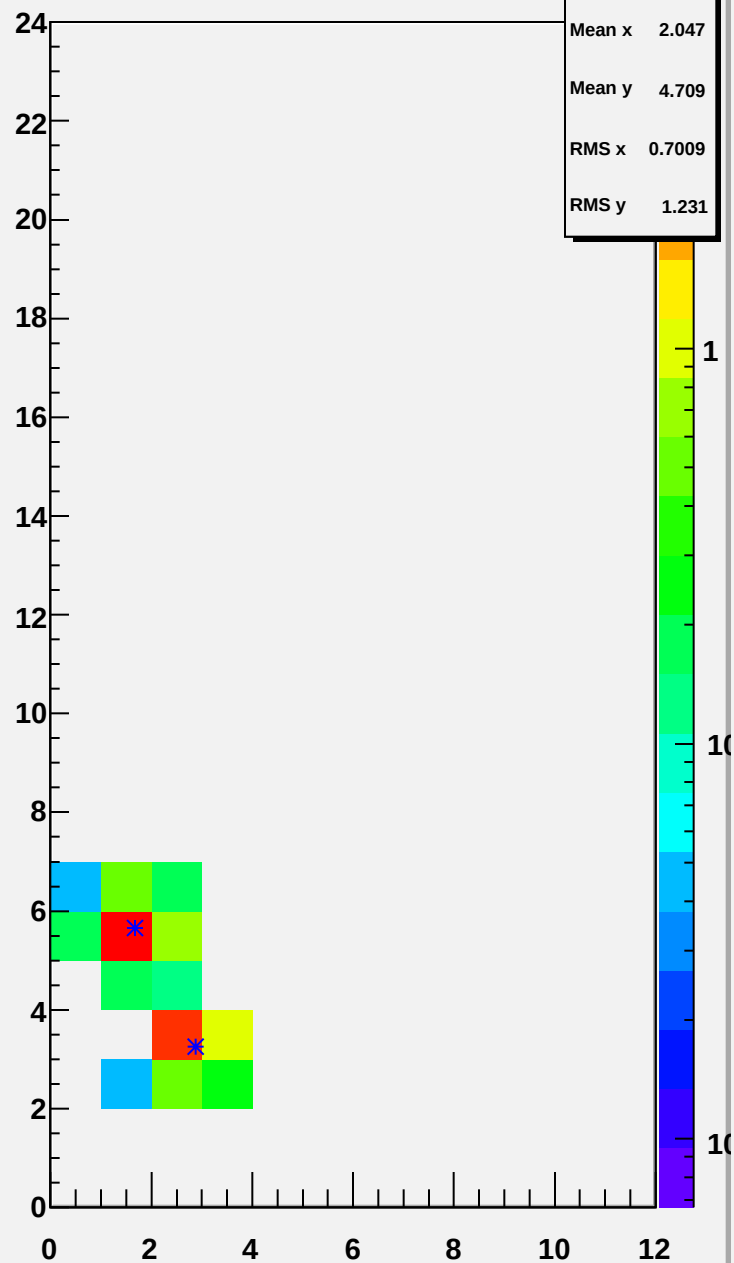
Efit

Entries	288
Mean x	2.681
Mean y	3.089
RMS x	0.5167
RMS y	0.6818

NSTB3_r4_c3_En=14.9_m0=0.107 m1=0.107 index=613



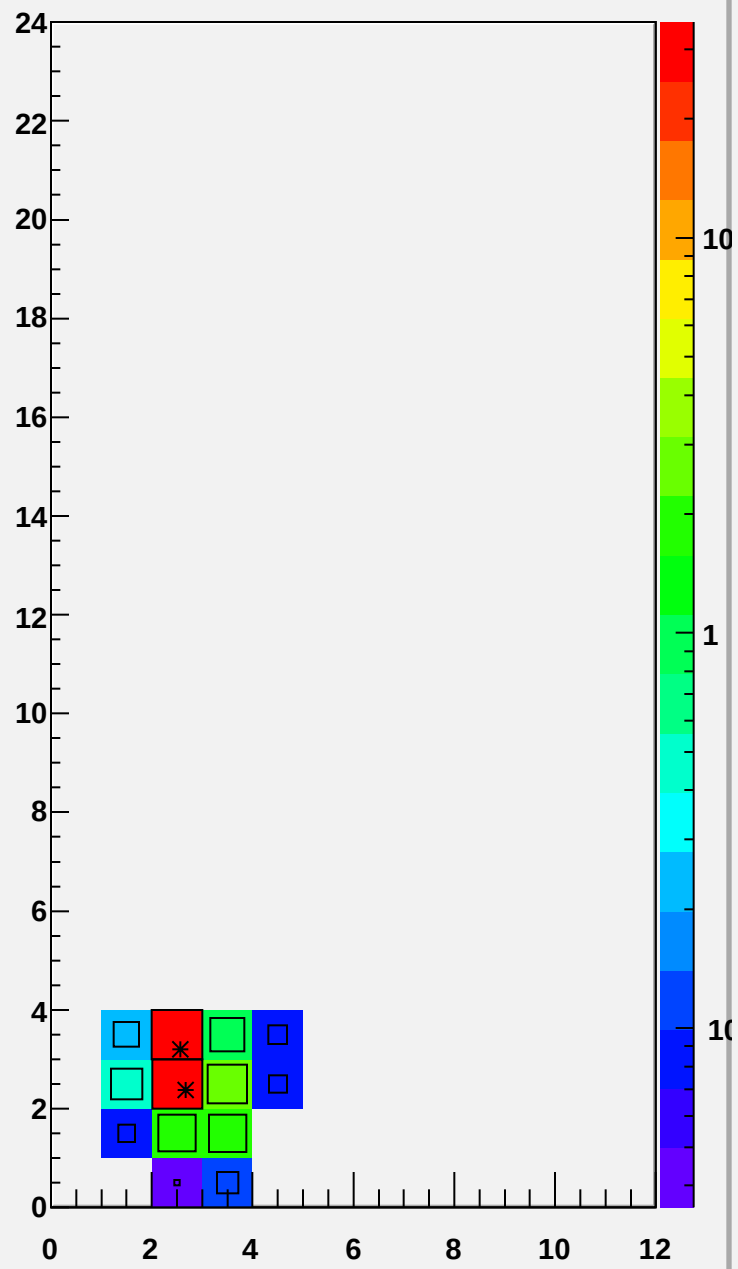
Fitted Energies



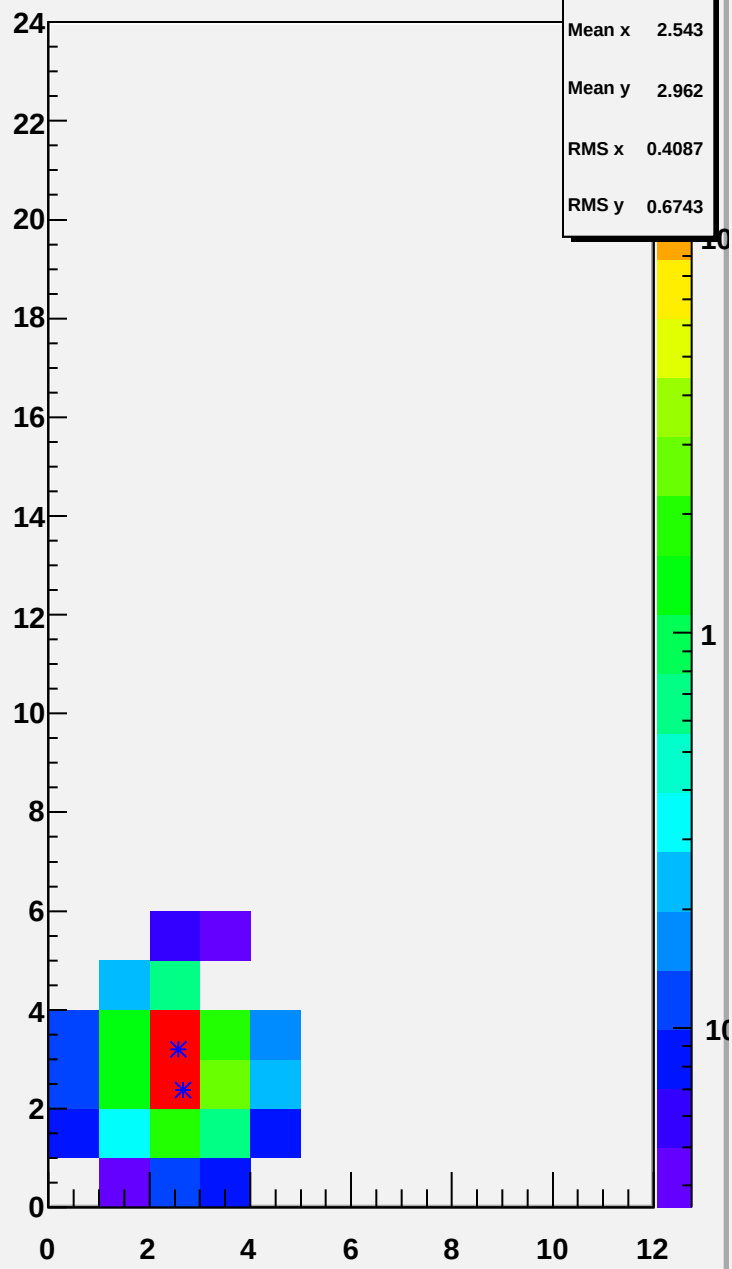
Efit

Entries	288
Mean x	2.047
Mean y	4.709
RMS x	0.7009
RMS y	1.231

NSTB3_r4_c3_En=74.8_m0=0.170 m1=0.170 index=614



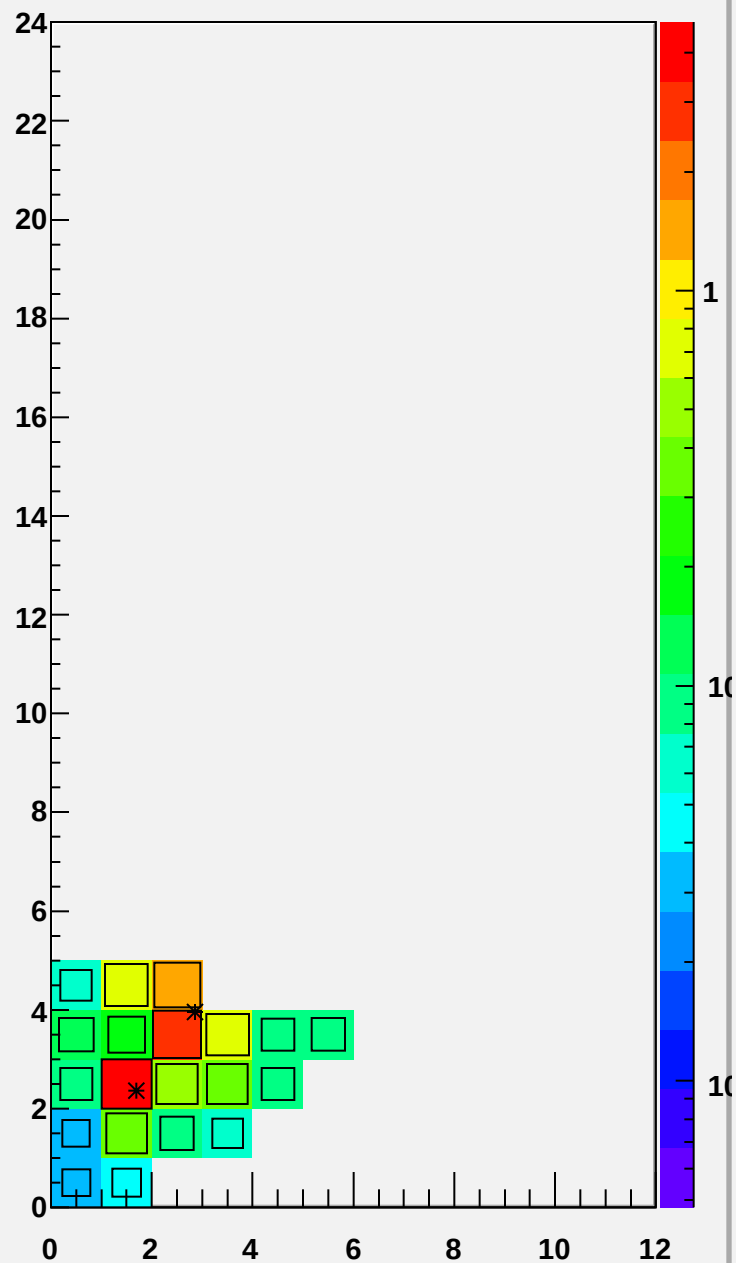
Fitted Energies



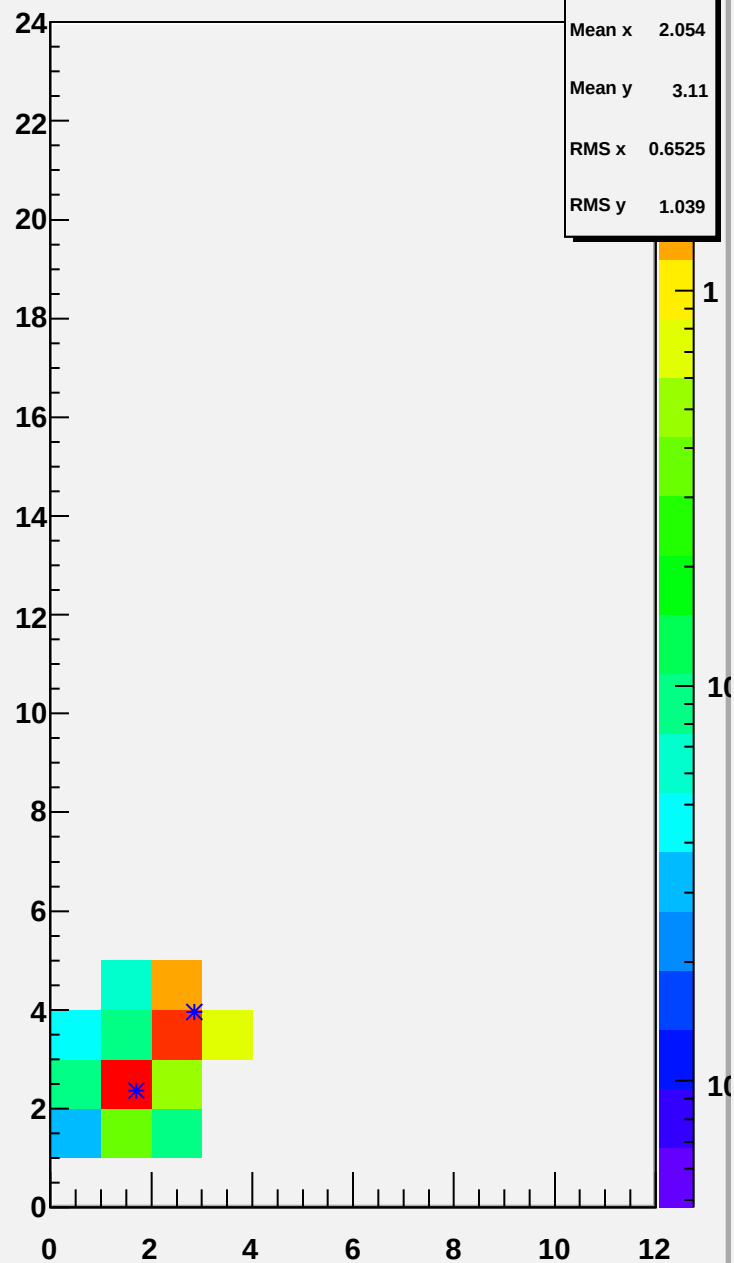
Efit

Entries	288
Mean x	2.543
Mean y	2.962
RMS x	0.4087
RMS y	0.6743

NSTB3_r4_c3_En=12.7_m0=0.065 m1=0.065 index=615



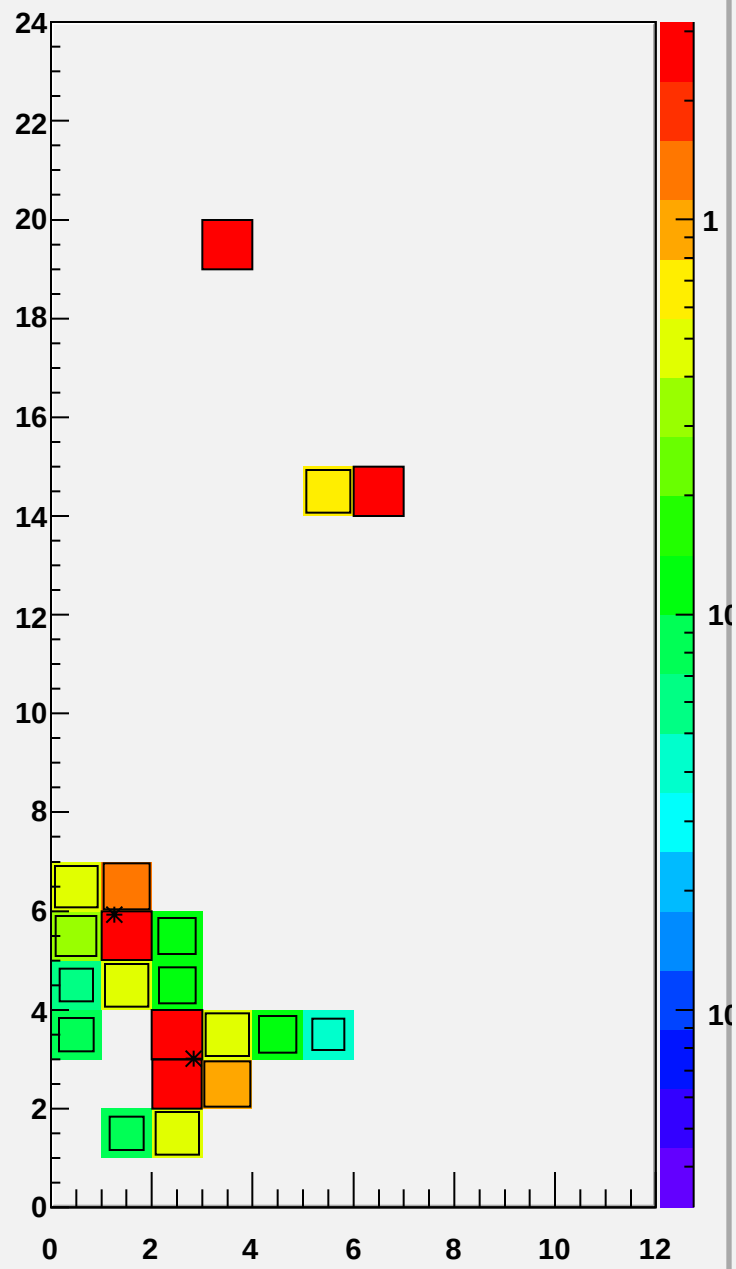
Fitted Energies



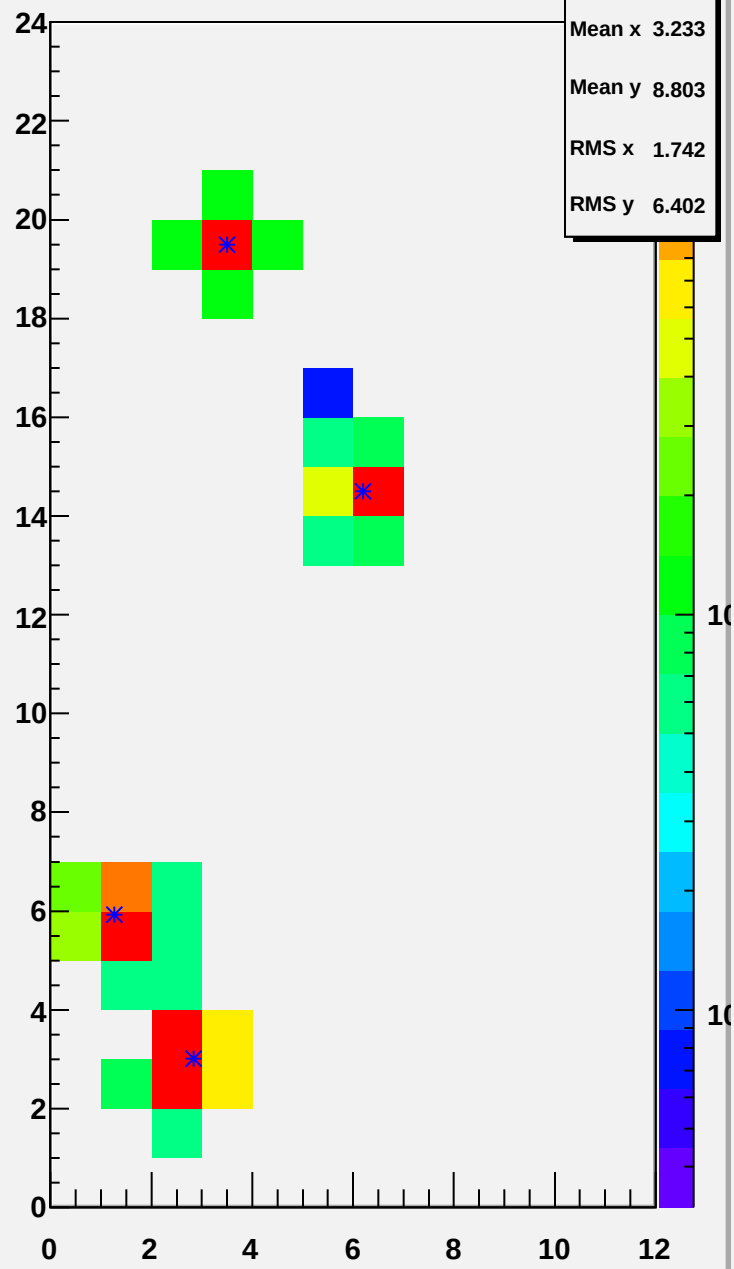
Efit

Entries	288
Mean x	2.054
Mean y	3.11
RMS x	0.6525
RMS y	1.039

NSTB3_r4_c3_En=20.7_m0=0.116_m1=0.116_index=616



Fitted Energies



Efit

Entries 288

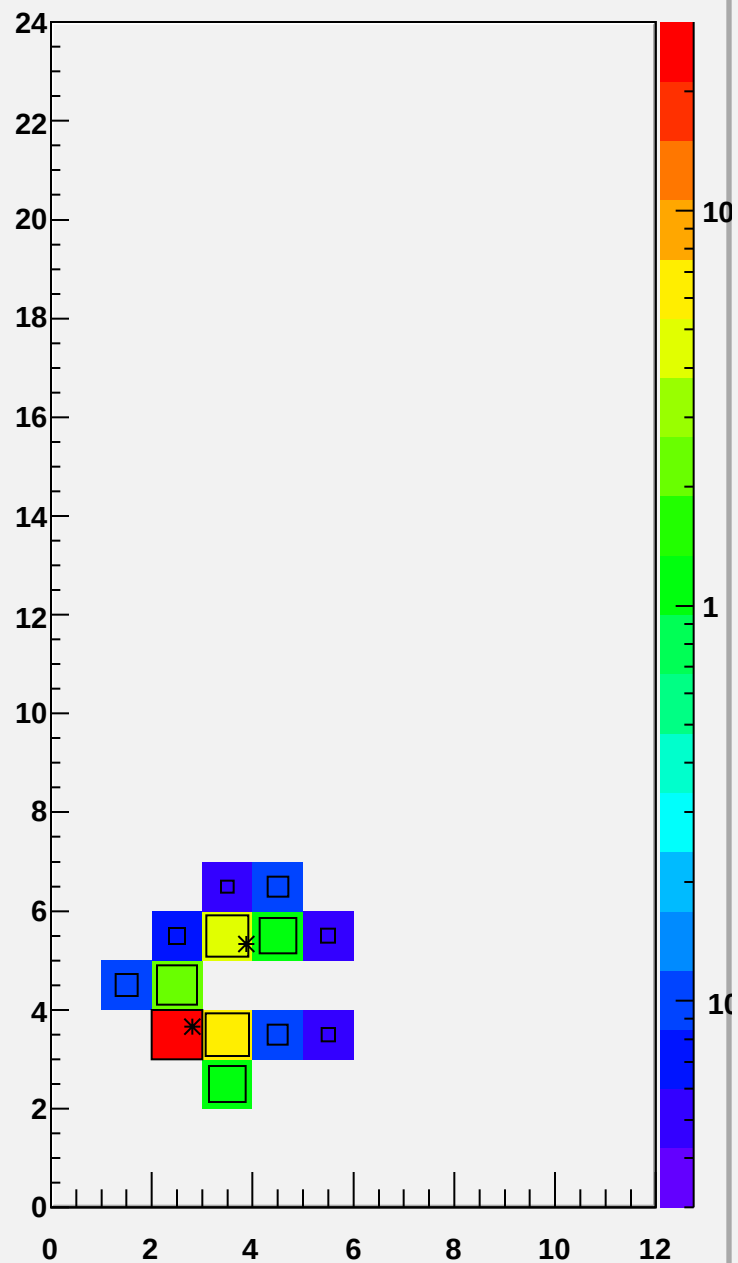
Mean x 3.233

Mean y 8.803

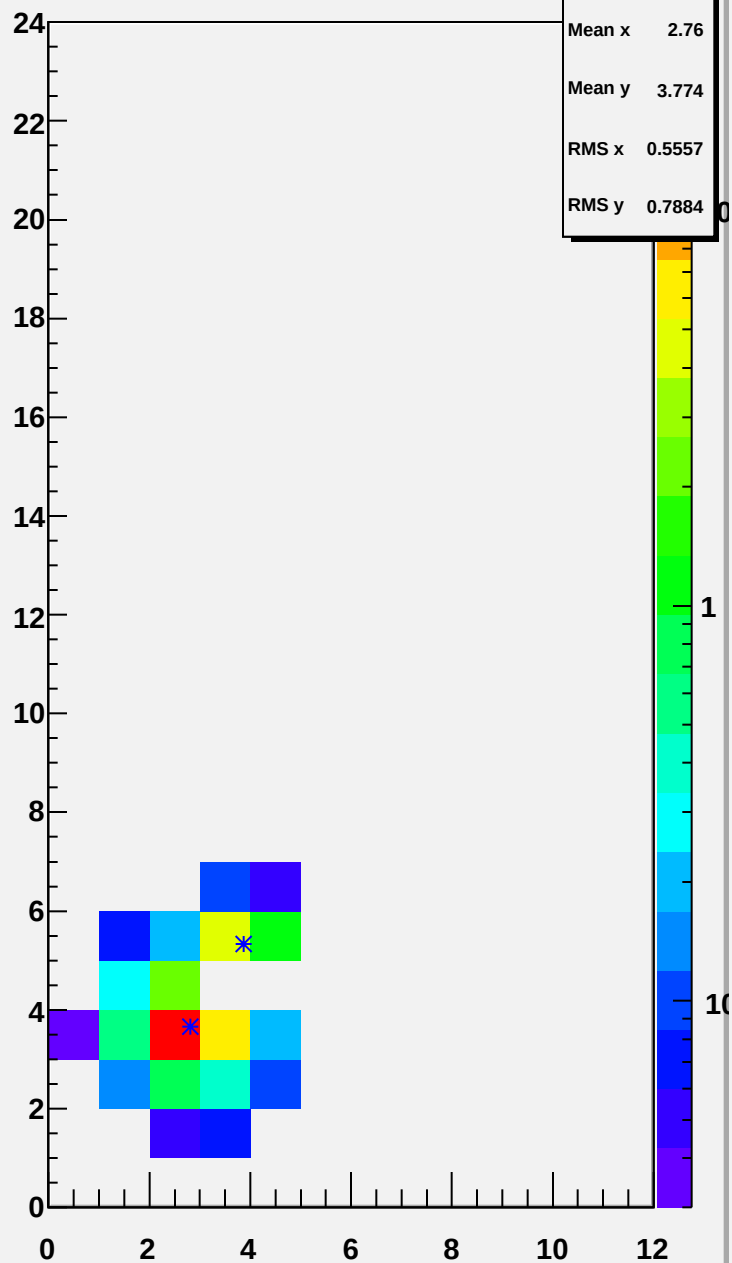
RMS x 1.742

RMS y 6.402

NSTB3_r4_c3_En=44.6_m0=0.169_m1=0.169_index=617



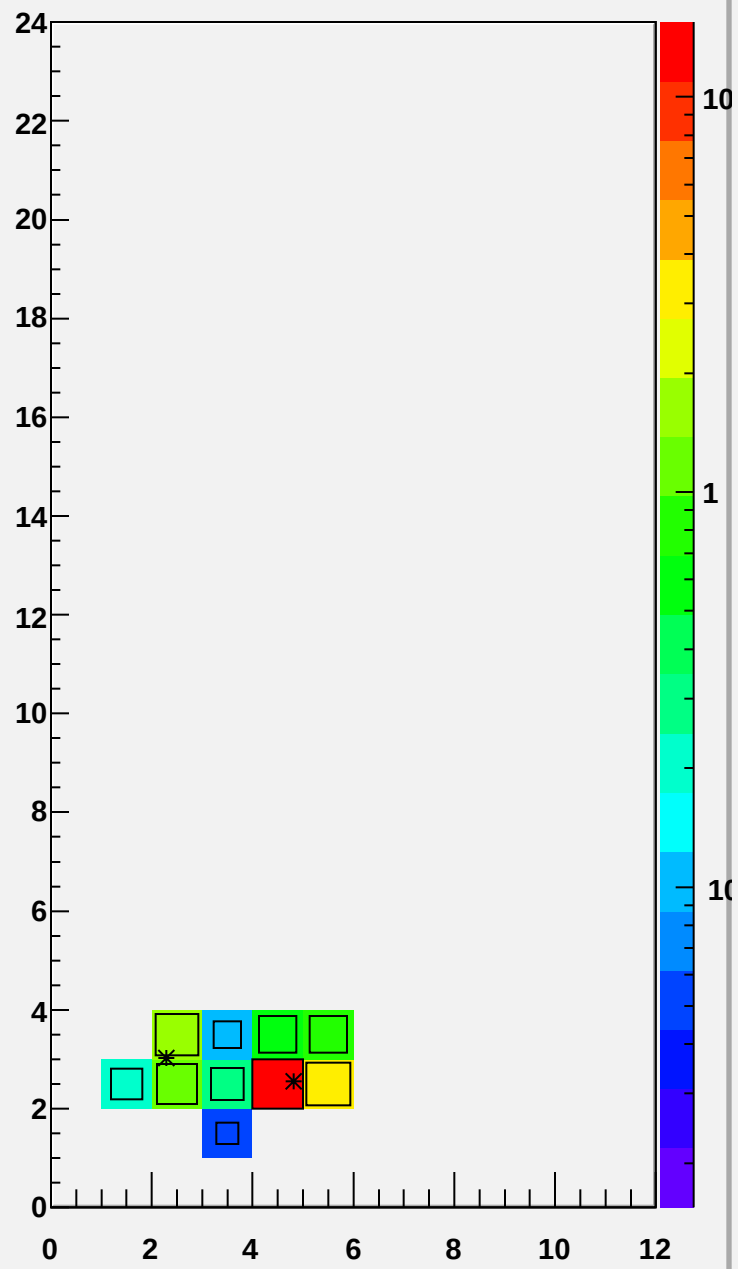
Fitted Energies



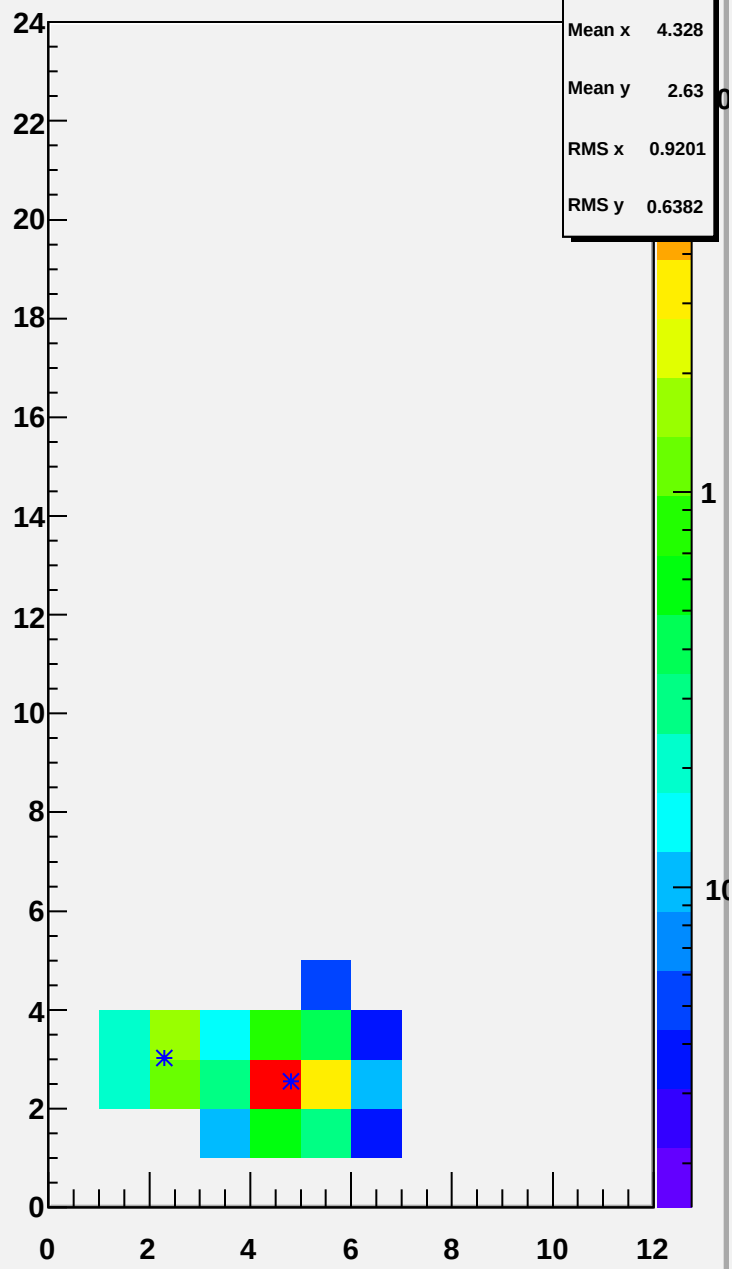
Efit

Entries	288
Mean x	2.76
Mean y	3.774
RMS x	0.5557
RMS y	0.7884

NSTB3_r4_c3_En=23.6_m0=0.127 m1=0.127 index=618



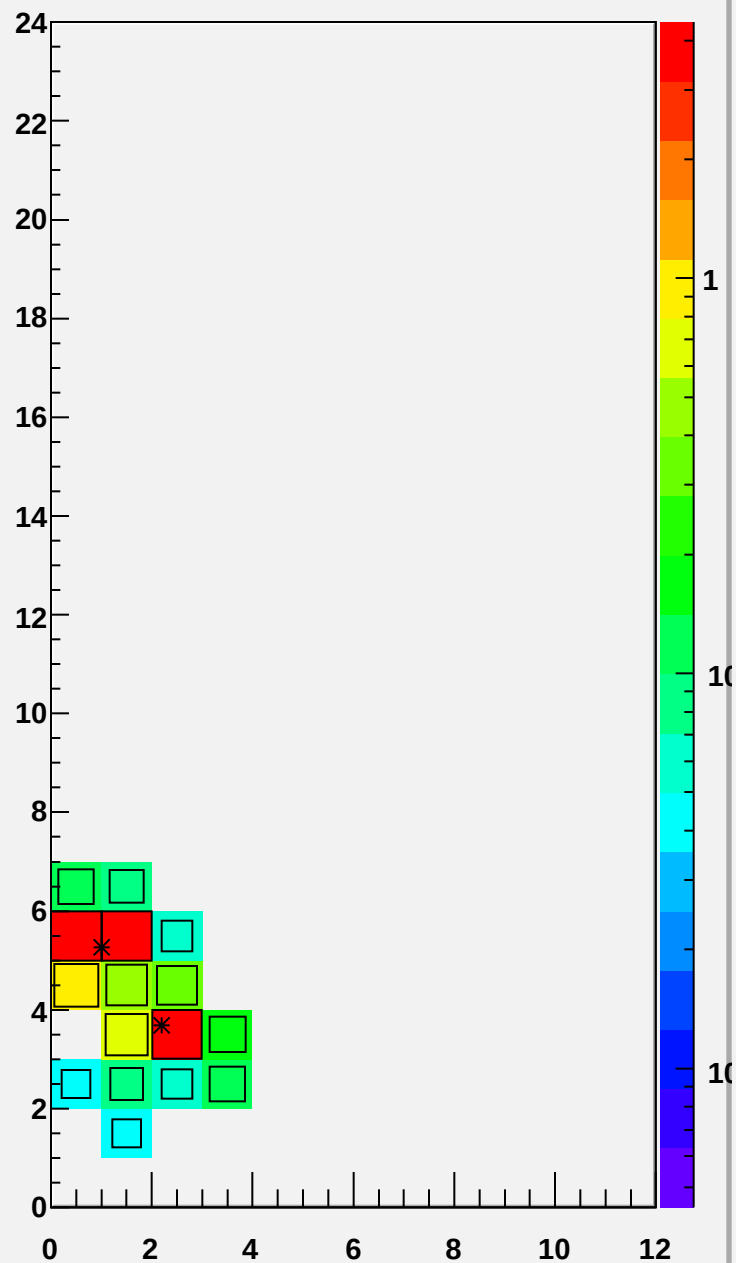
Fitted Energies



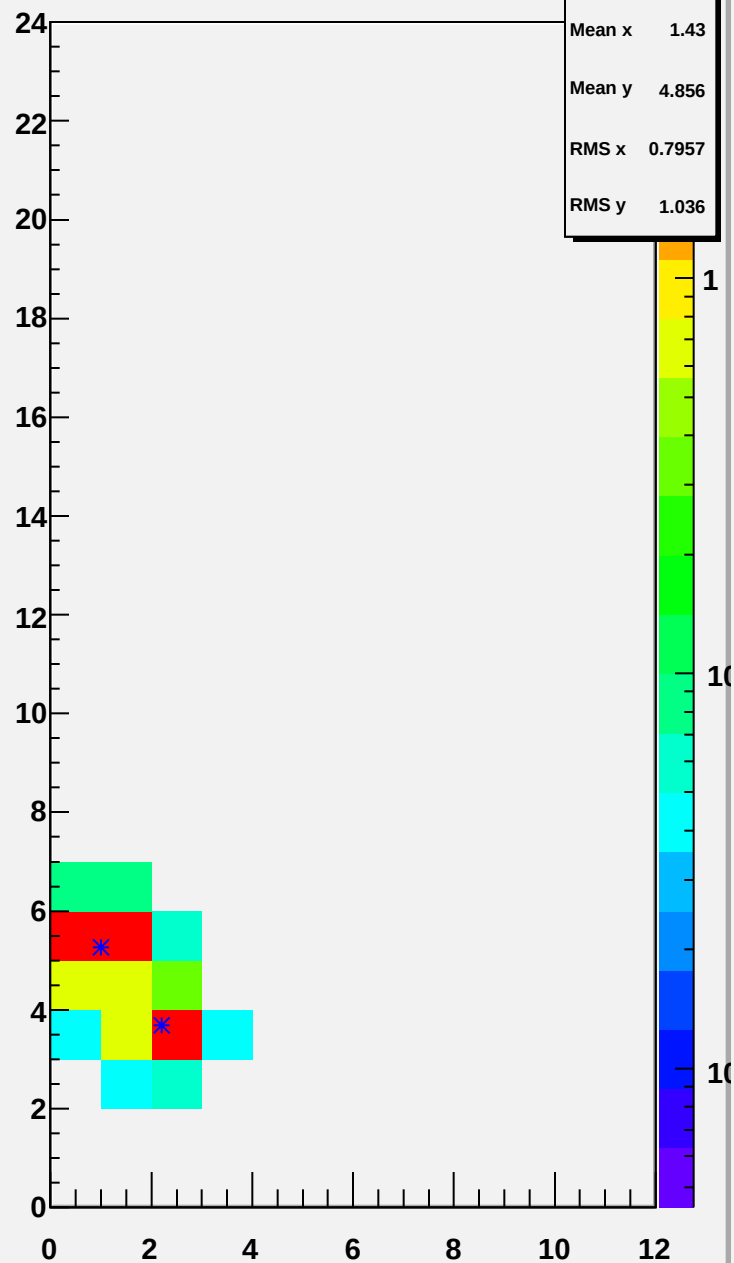
Efit

Entries	288
Mean x	4.328
Mean y	2.63
RMS x	0.9201
RMS y	0.6382

NSTB3_r4_c3_En=15.2_m0=0.077 m1=0.077 index=619



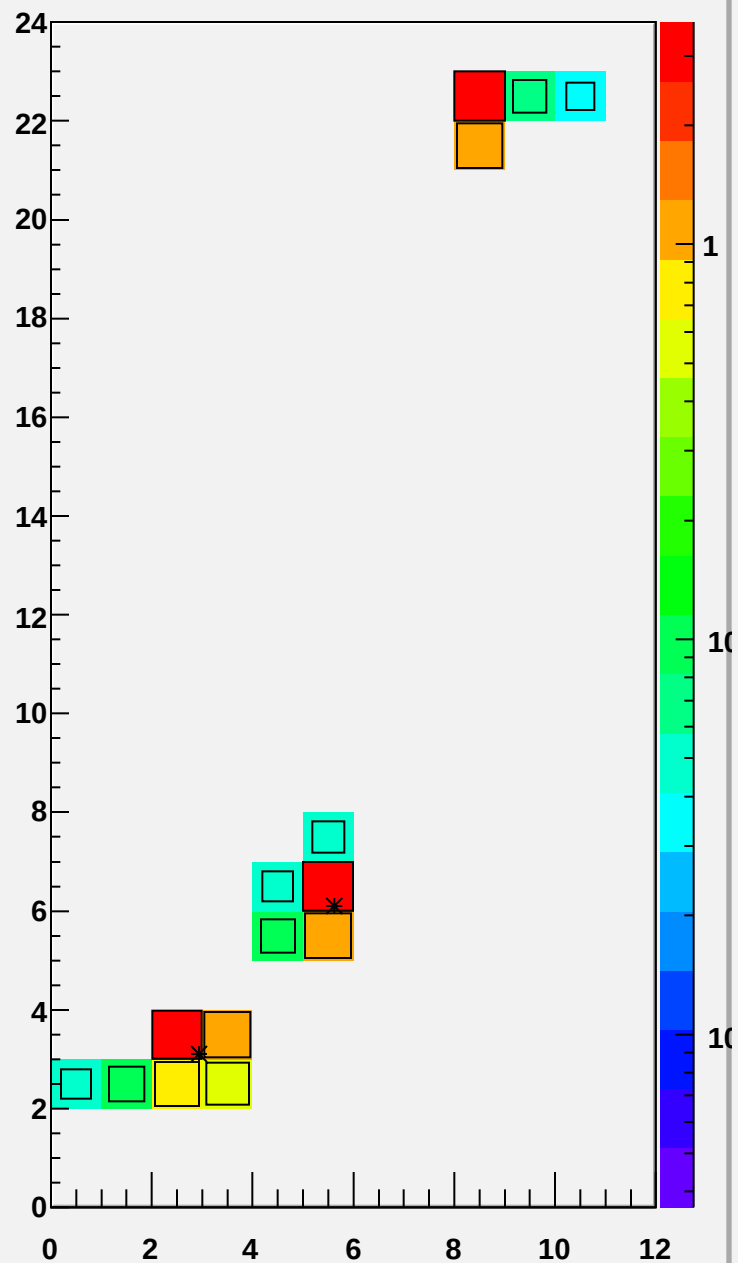
Fitted Energies



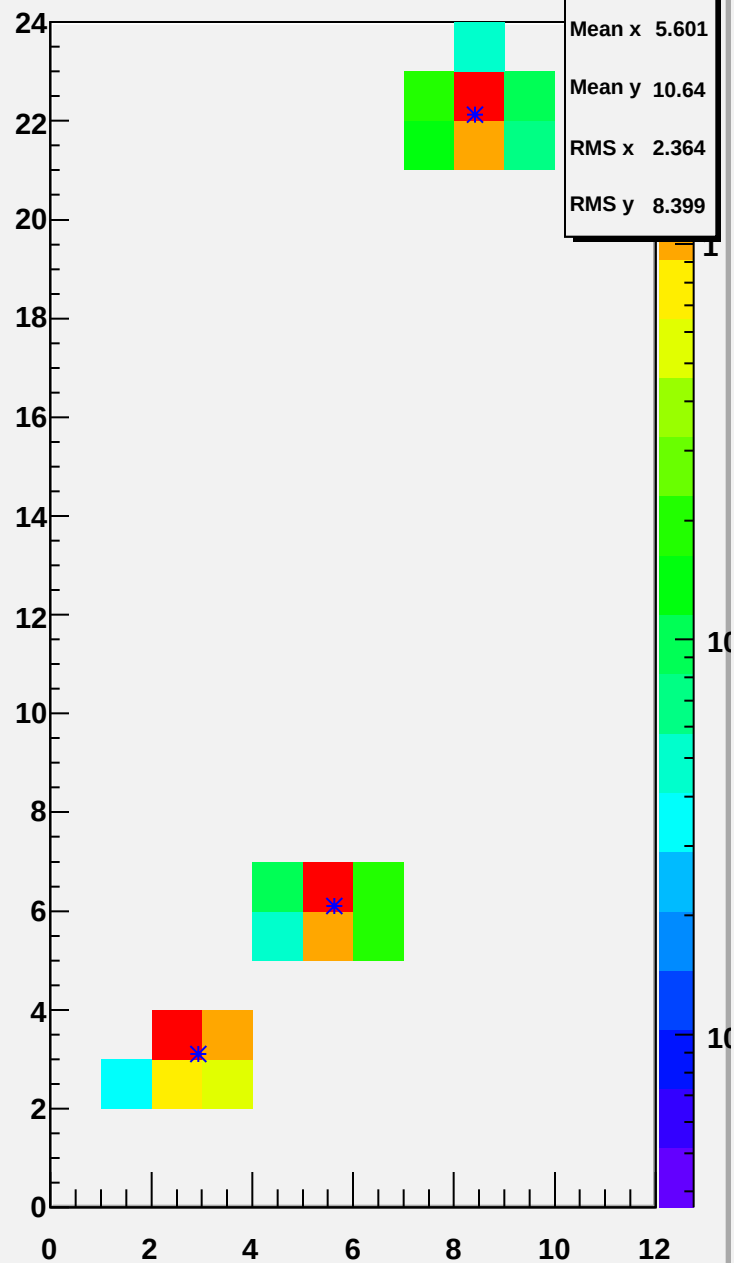
Efit

Entries	288
Mean x	1.43
Mean y	4.856
RMS x	0.7957
RMS y	1.036

NSTB3_r4_c3_En=14.6_m0=0.116_m1=0.116_index=620



Fitted Energies



Efit

Entries 288

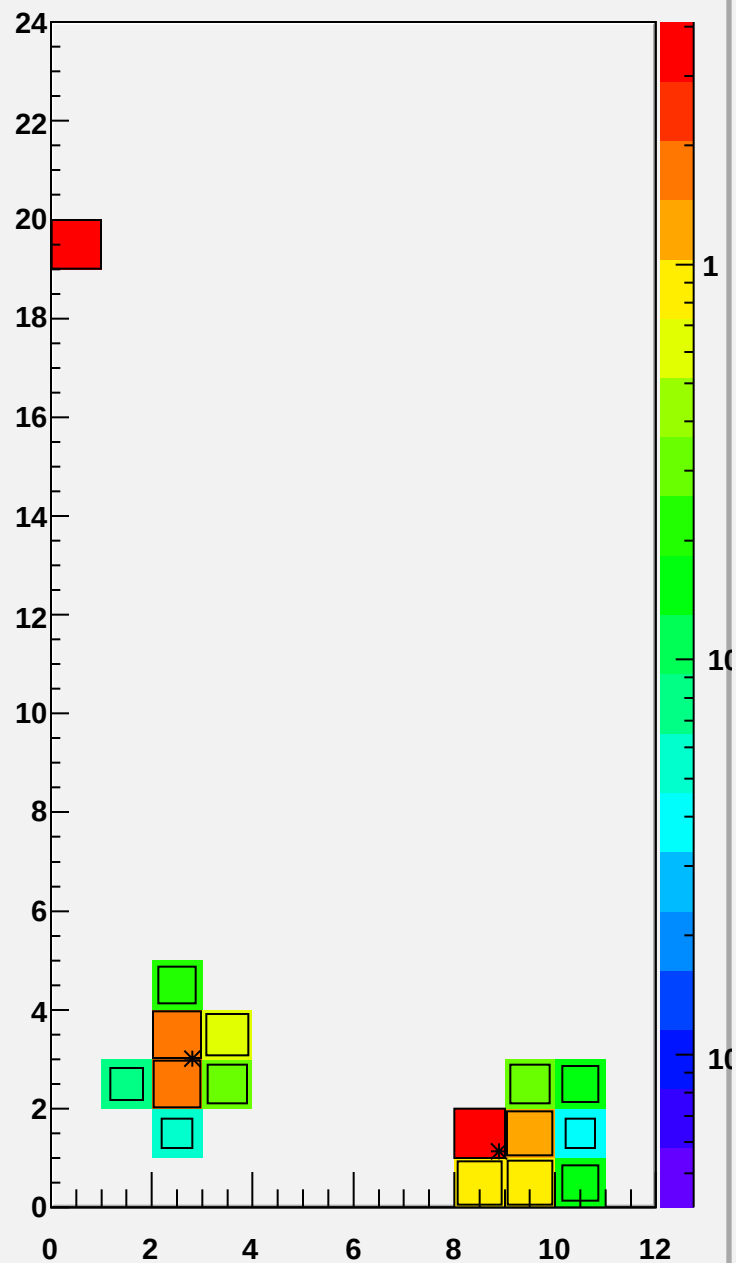
Mean x 5.601

Mean y 10.64

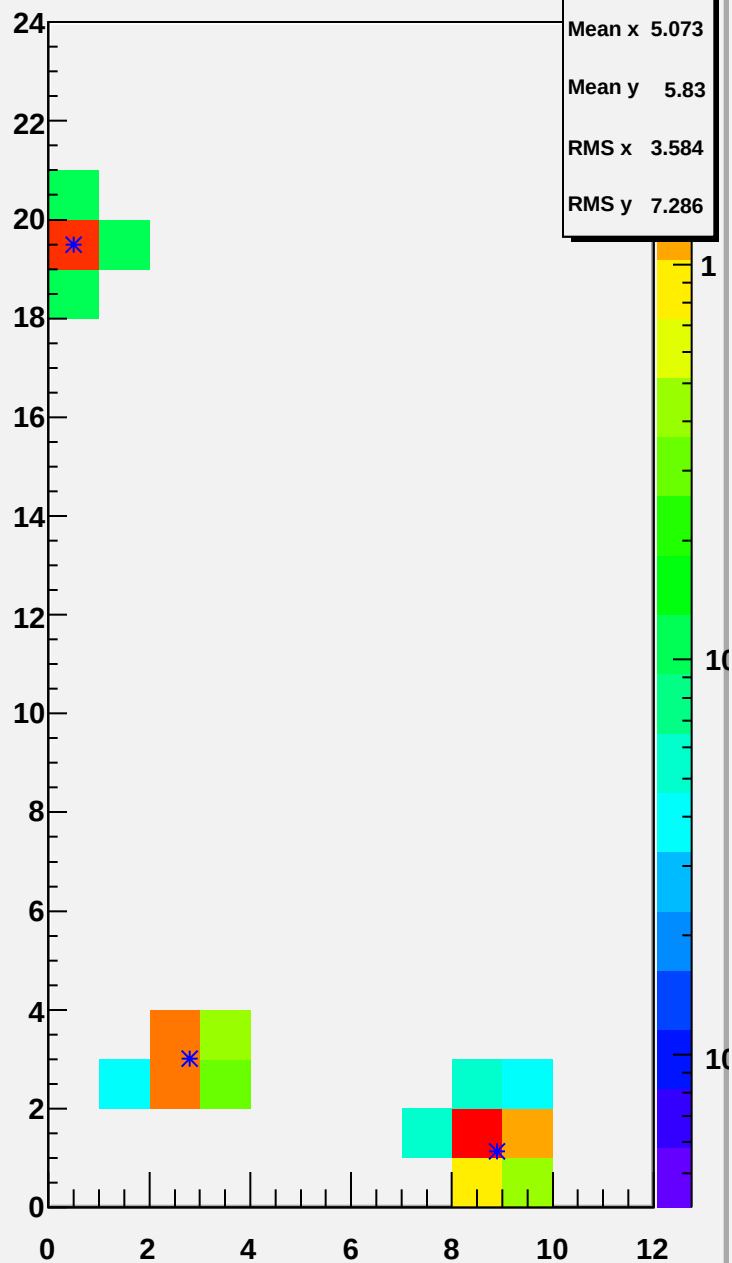
RMS x 2.364

RMS y 8.399

NSTB3_r4_c3_En=15.7_m0=0.207 m1=0.207 index=621



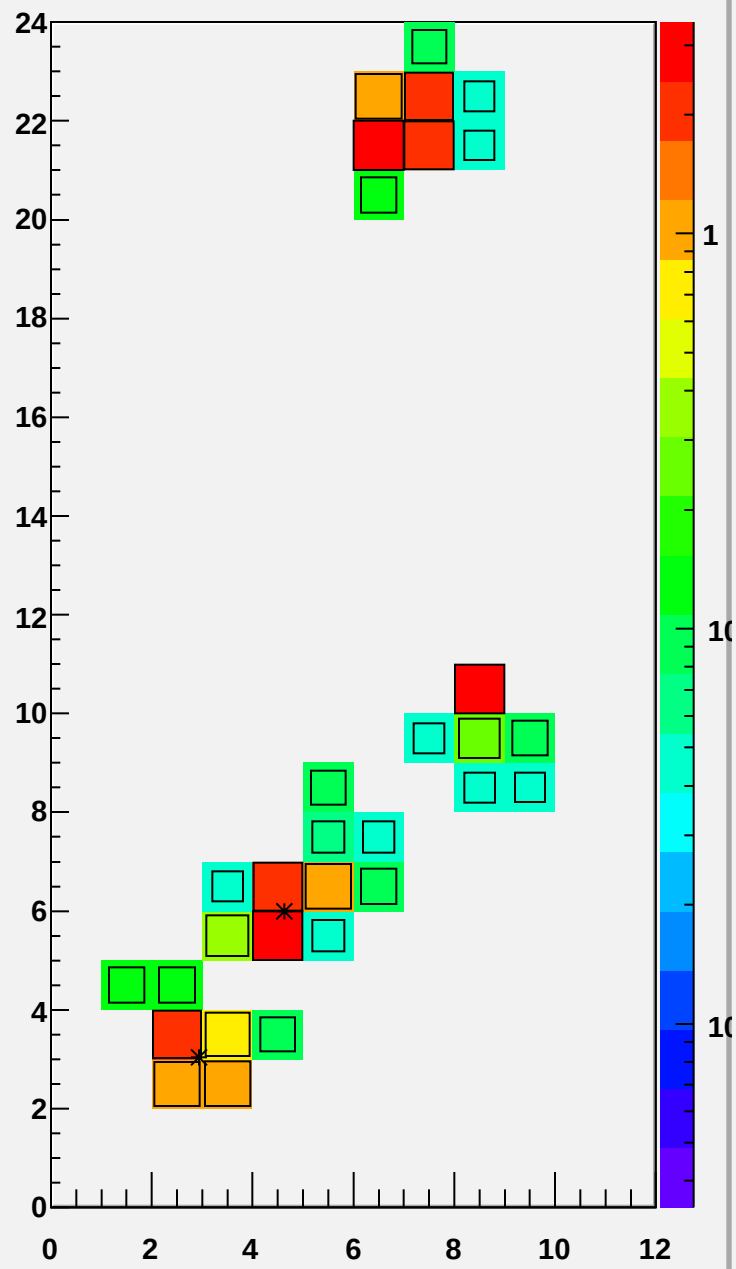
Fitted Energies



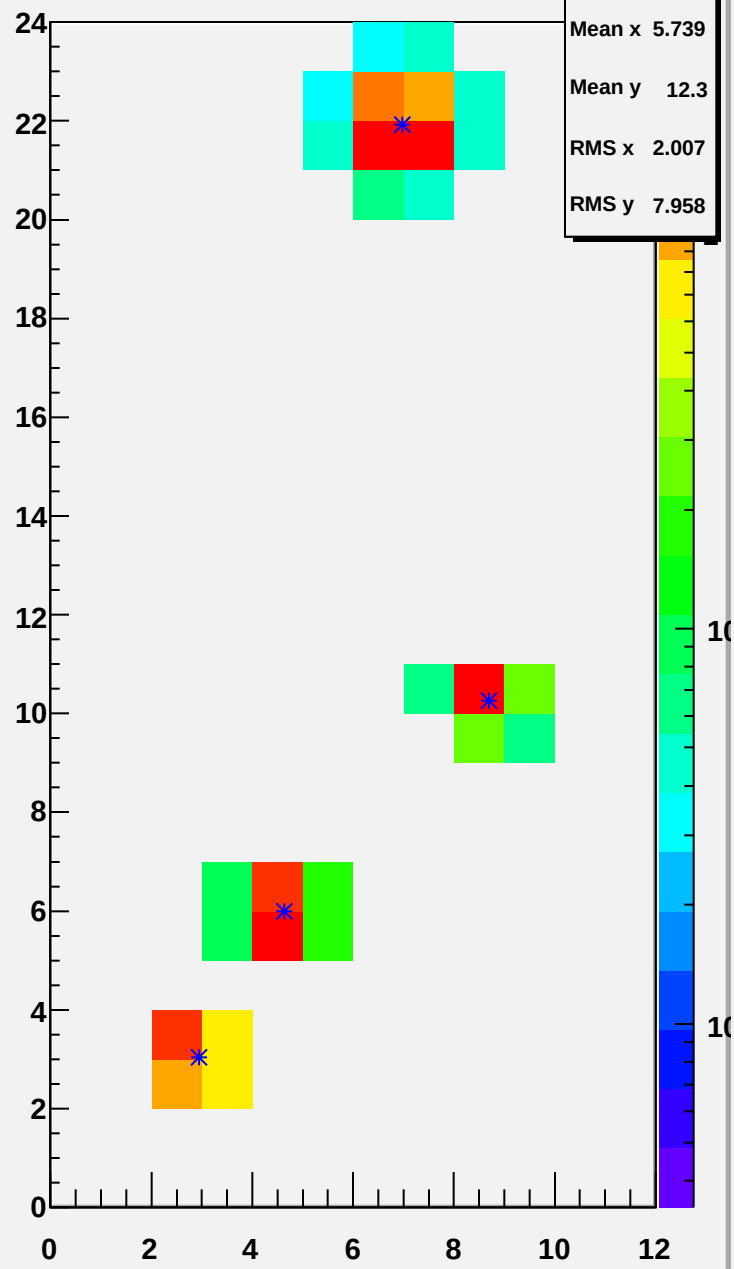
Efit

Entries 288
Mean x 5.073
Mean y 5.83
RMS x 3.584
RMS y 7.286

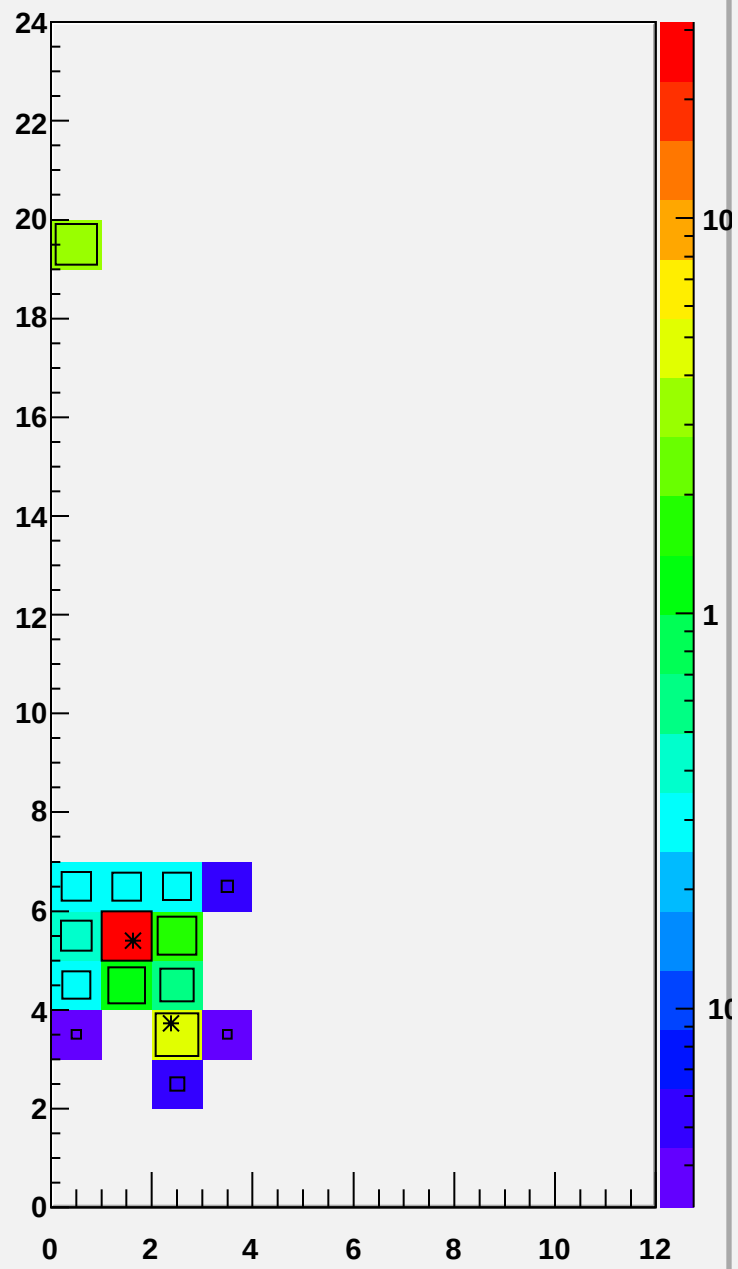
NSTB3_r4_c3_En=23.5_m0=0.101 m1=0.101 index=622



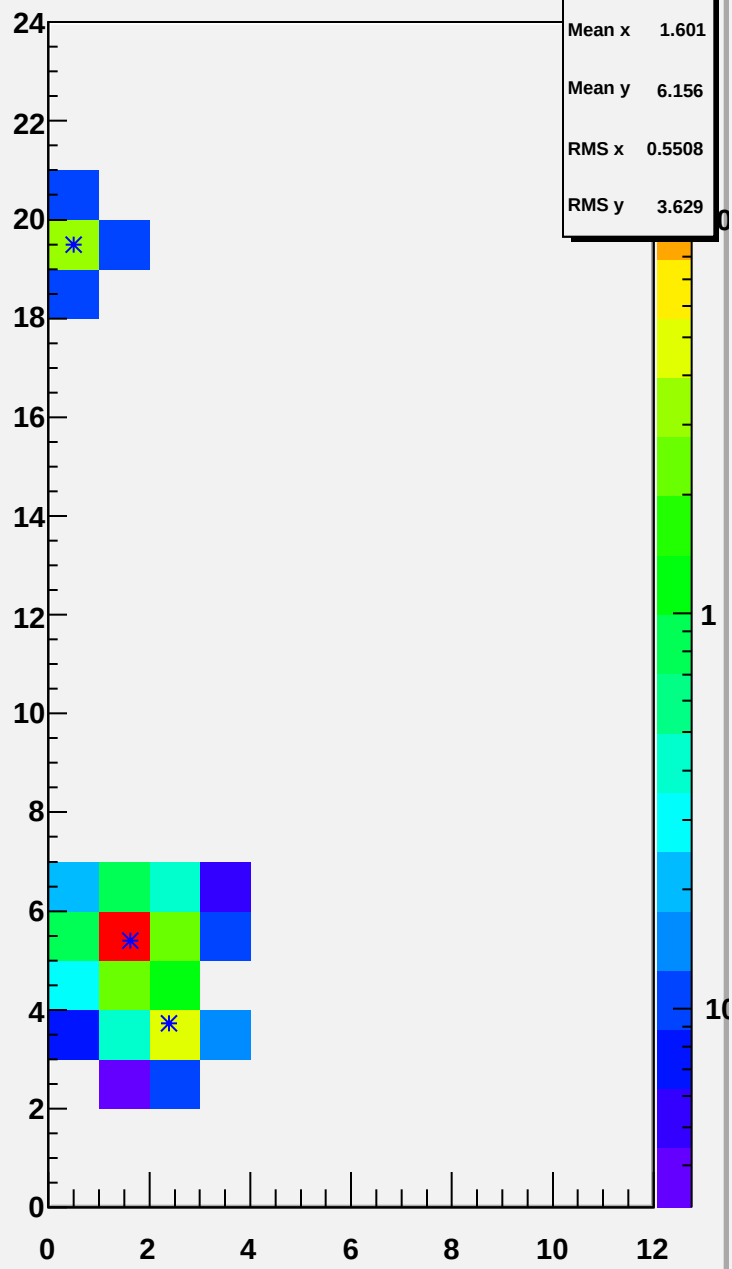
Fitted Energies



NSTB3_r4_c3_En=45.0_m0=0.157 m1=0.158 index=623



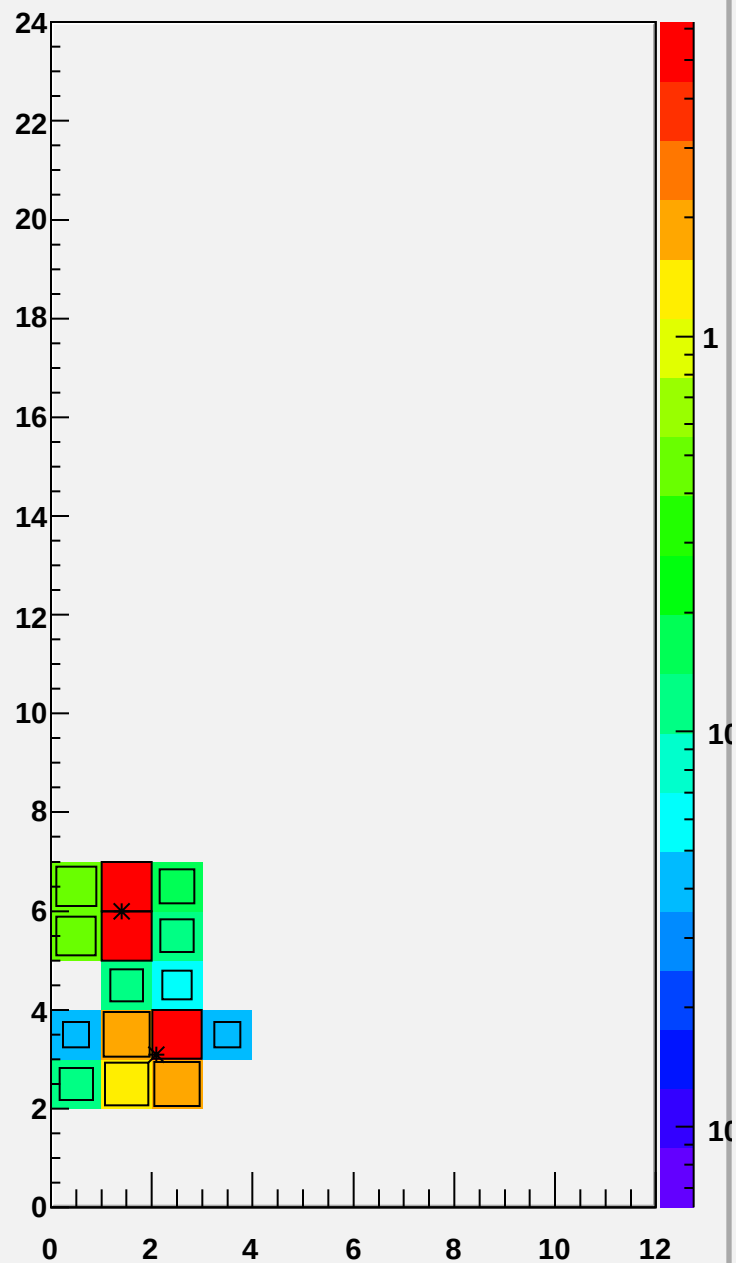
Fitted Energies



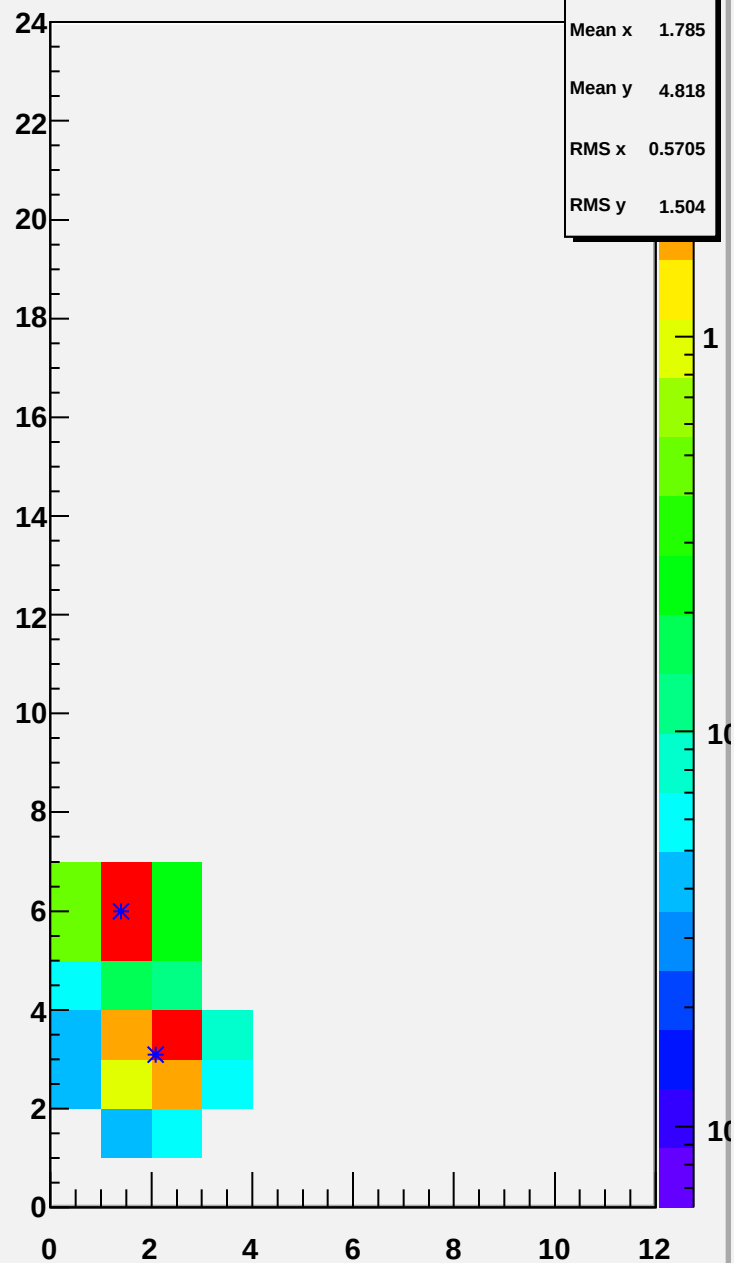
Efit

Entries	288
Mean x	1.601
Mean y	6.156
RMS x	0.5508
RMS y	3.629

NSTB3_r4_c3_En=24.1_m0=0.207 m1=0.207 index=624



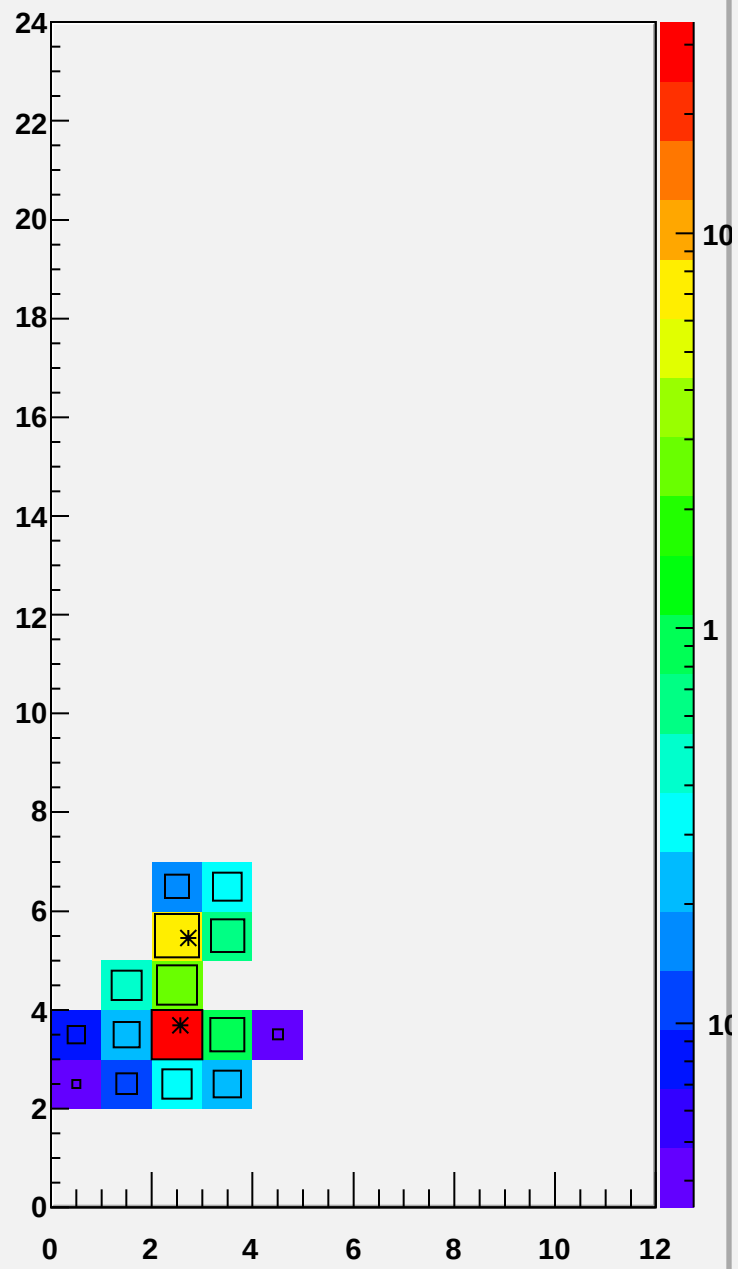
Fitted Energies



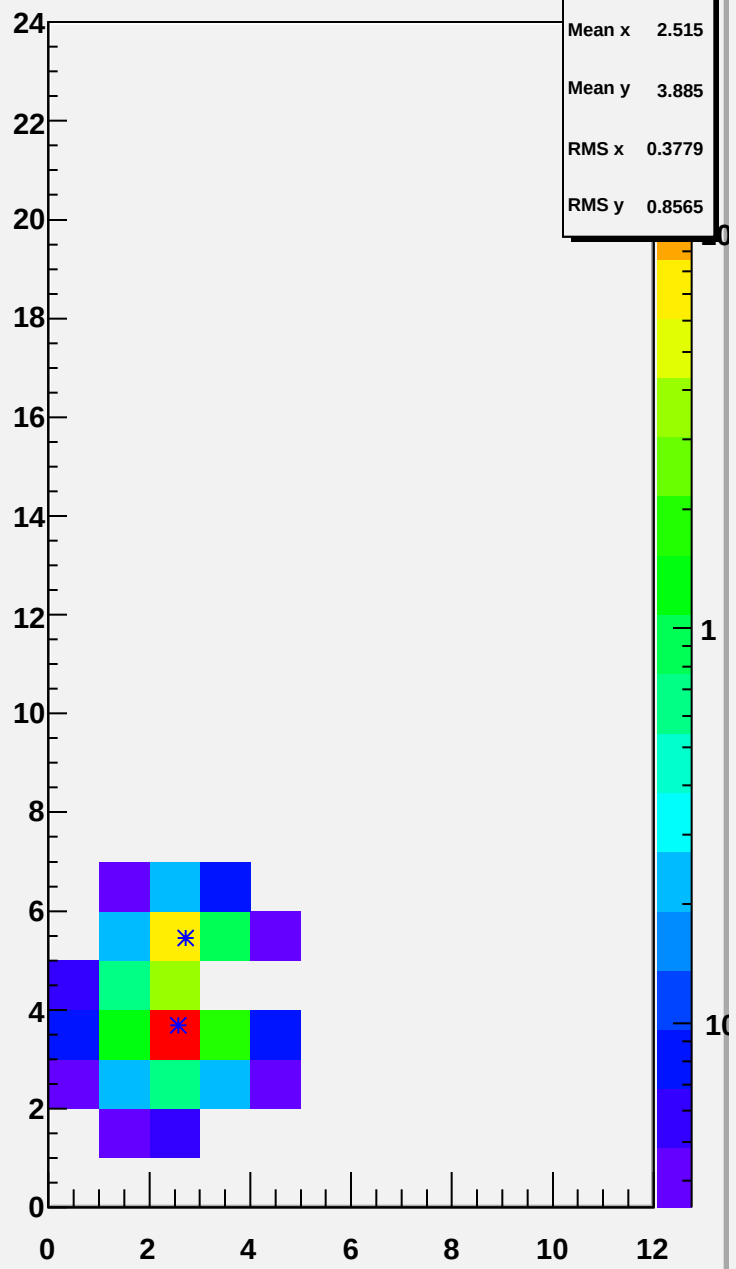
Efit

Entries	288
Mean x	1.785
Mean y	4.818
RMS x	0.5705
RMS y	1.504

NSTB3_r4_c3_En=47.0_m0=0.183 m1=0.182 index=625



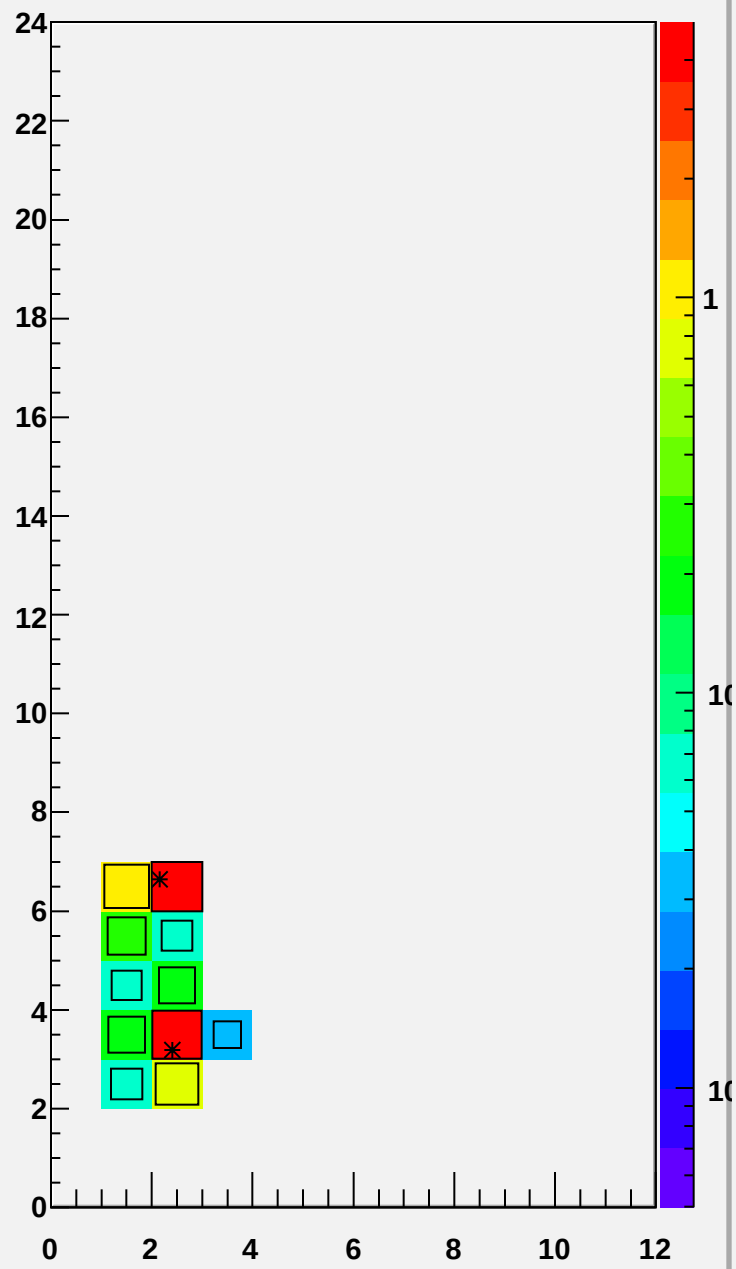
Fitted Energies



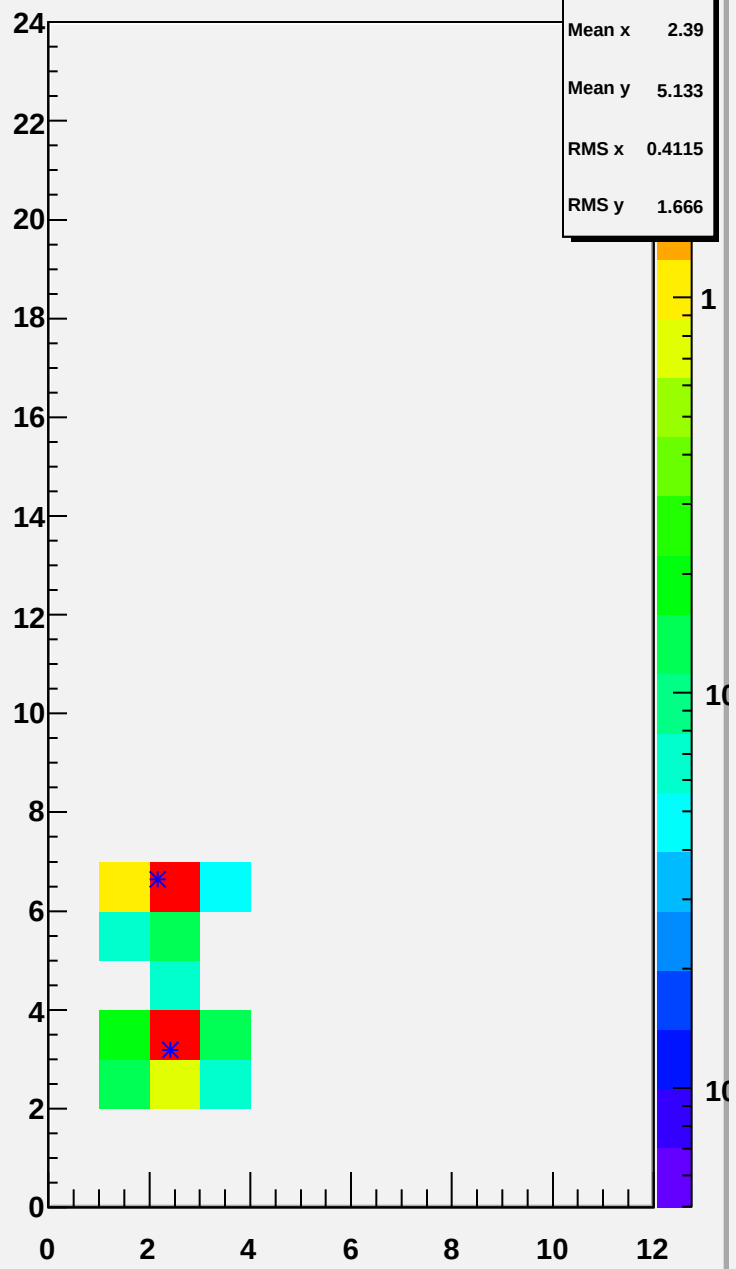
Efit

Entries	288
Mean x	2.515
Mean y	3.885
RMS x	0.3779
RMS y	0.8565

NSTB3_r4_c3_En=11.4_m0=0.115_m1=0.115_index=626



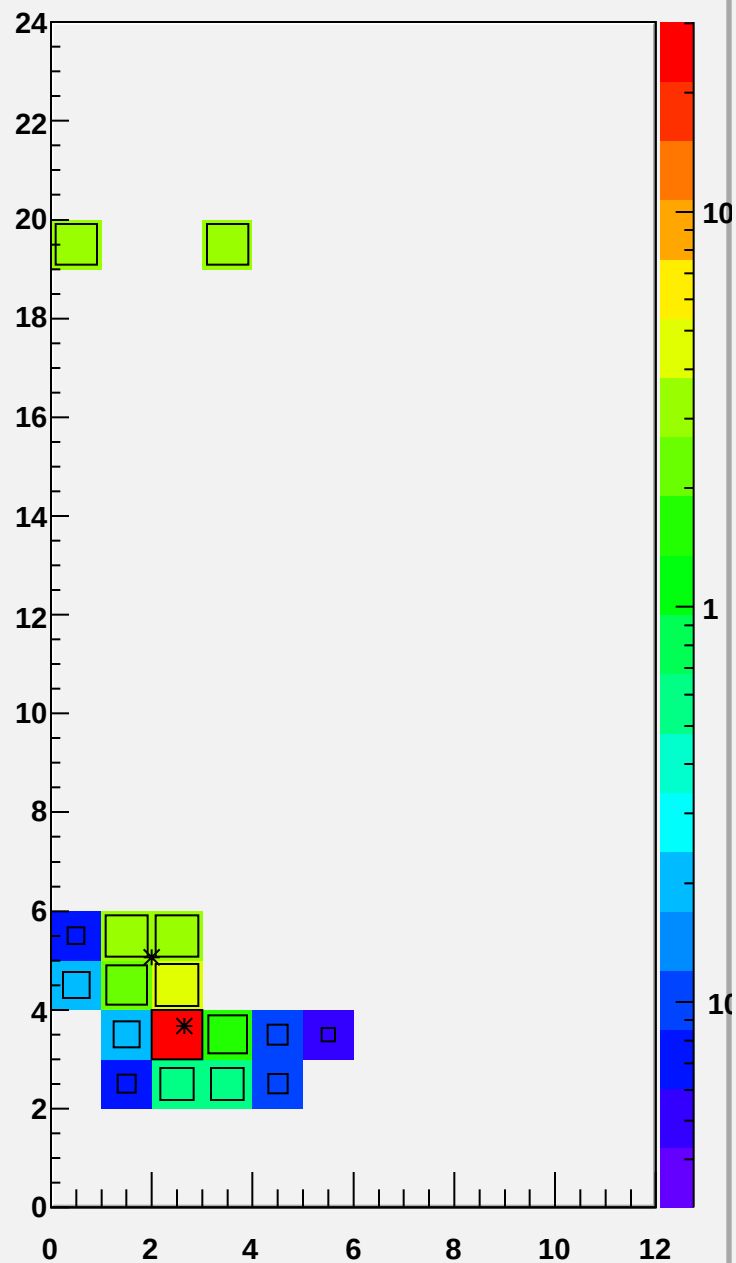
Fitted Energies



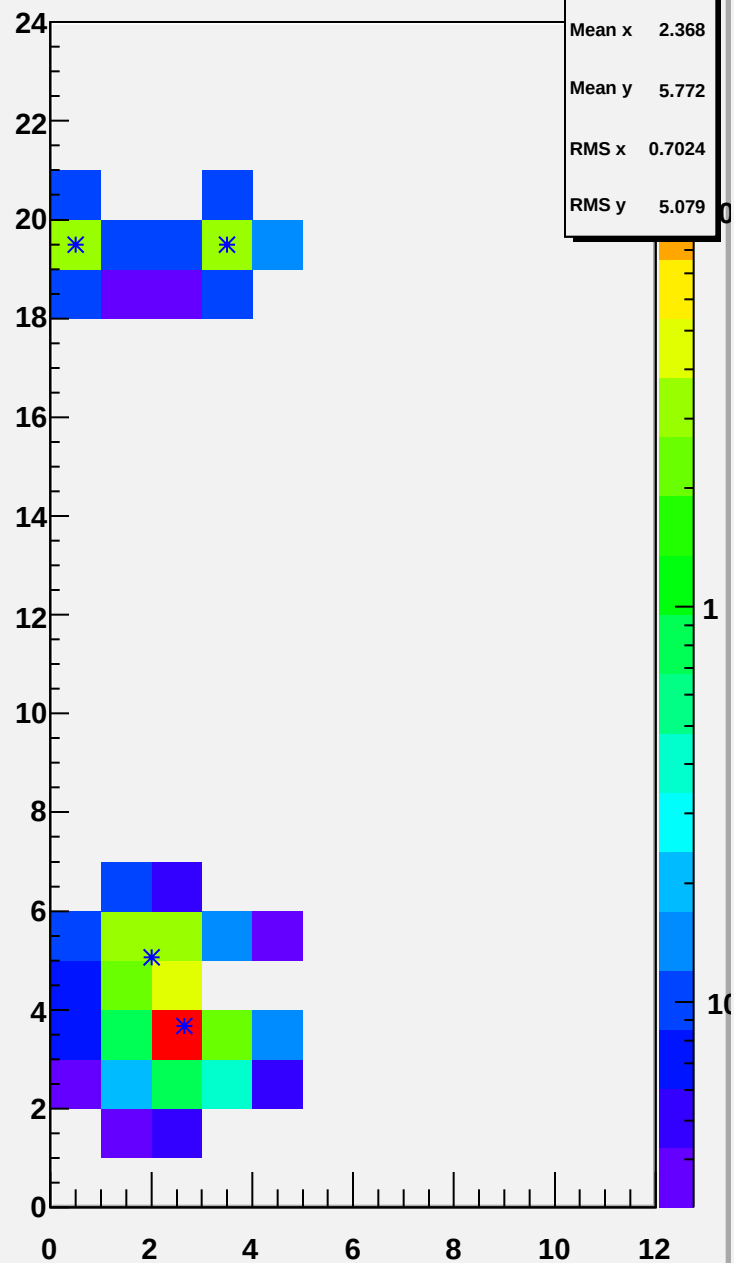
Efit

Entries	288
Mean x	2.39
Mean y	5.133
RMS x	0.4115
RMS y	1.666

NSTB3_r4_c3_En=54.5_m0=0.177 m1=0.176 index=627



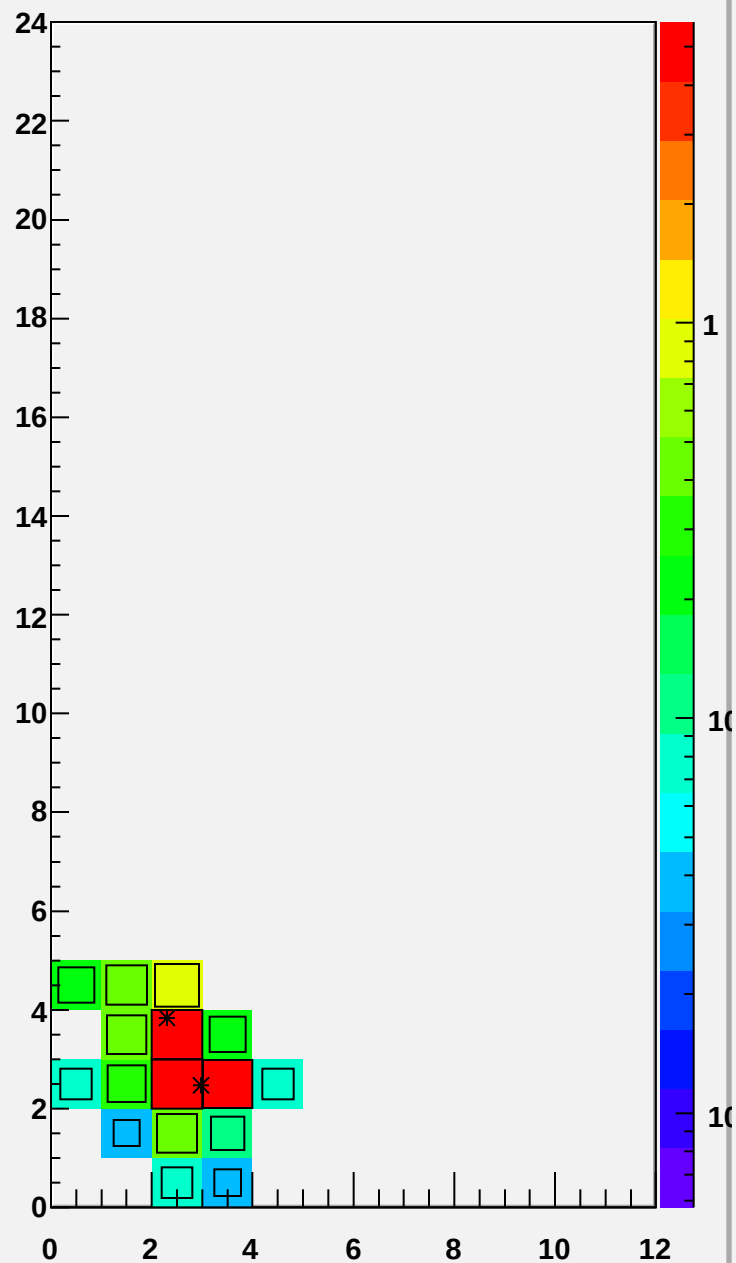
Fitted Energies



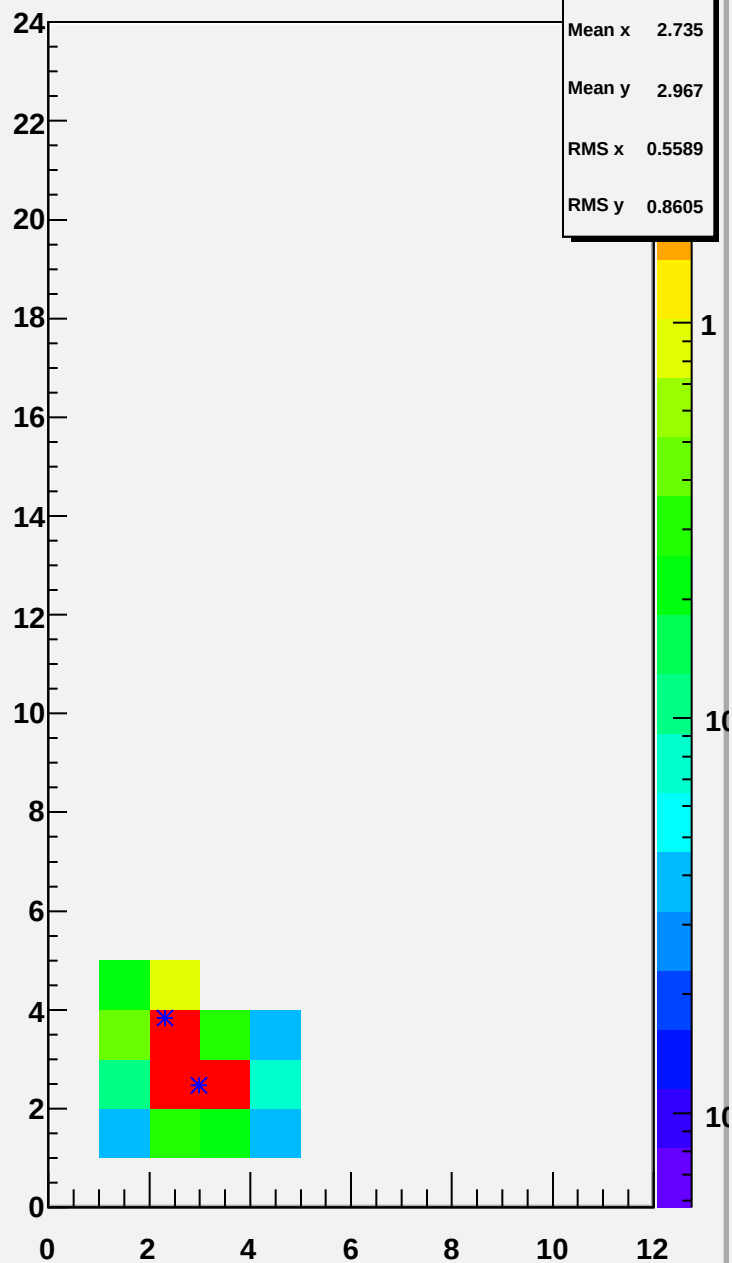
Efit

Entries	288
Mean x	2.368
Mean y	5.772
RMS x	0.7024
RMS y	5.079

NSTB3_r4_c3_En=18.8_m0=0.075 m1=0.075 index=628



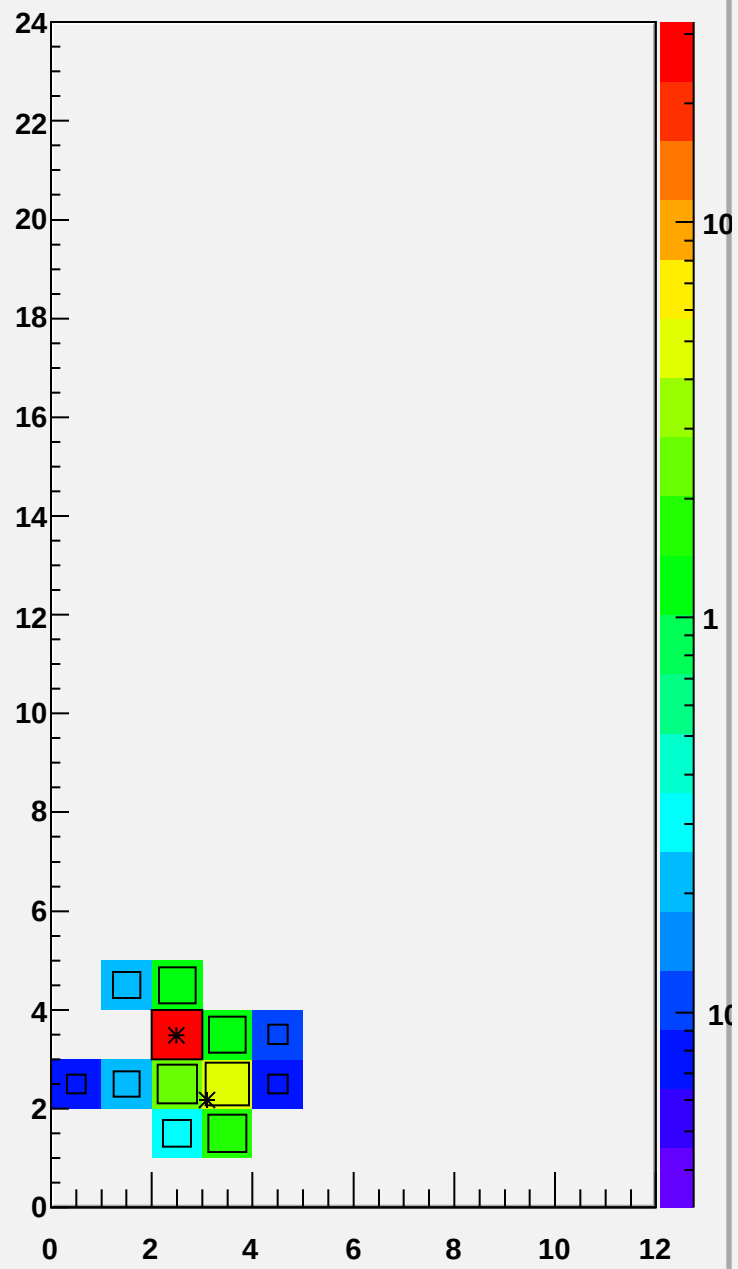
Fitted Energies



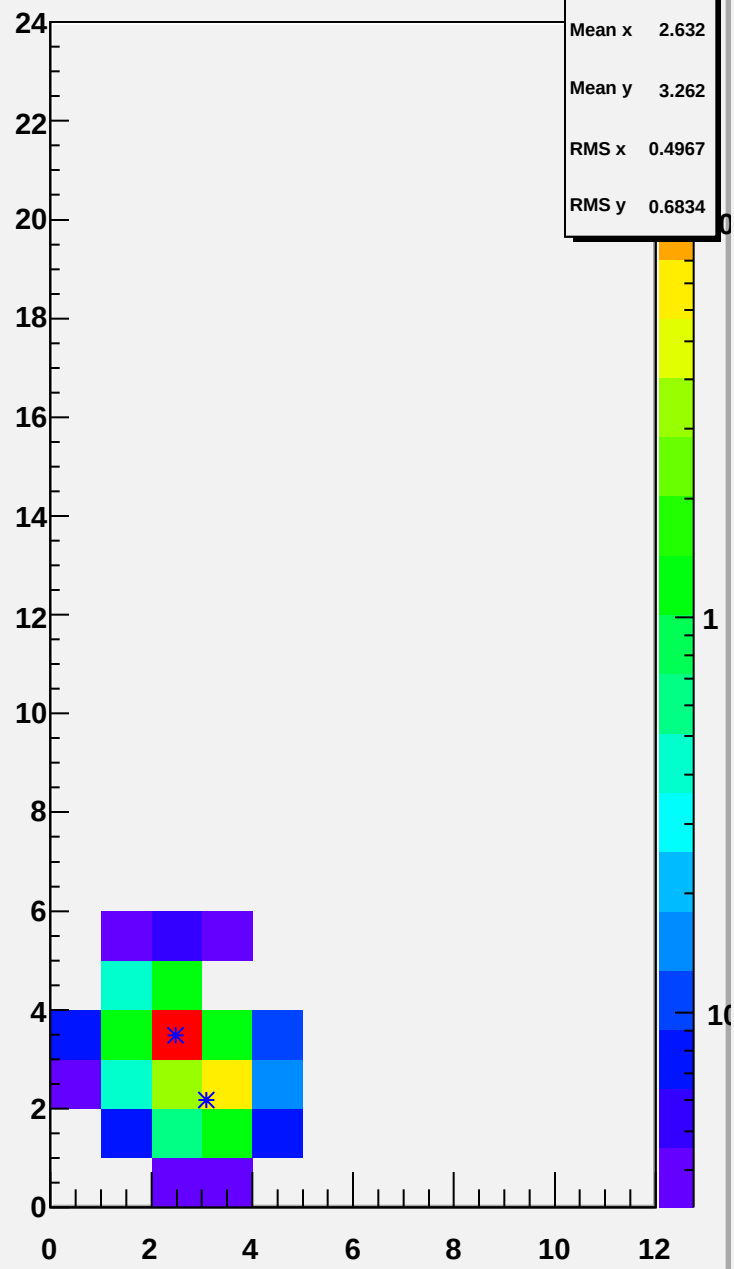
Efit

Entries	288
Mean x	2.735
Mean y	2.967
RMS x	0.5589
RMS y	0.8605

NSTB3_r4_c3_En=44.6_m0=0.151_m1=0.151_index=629



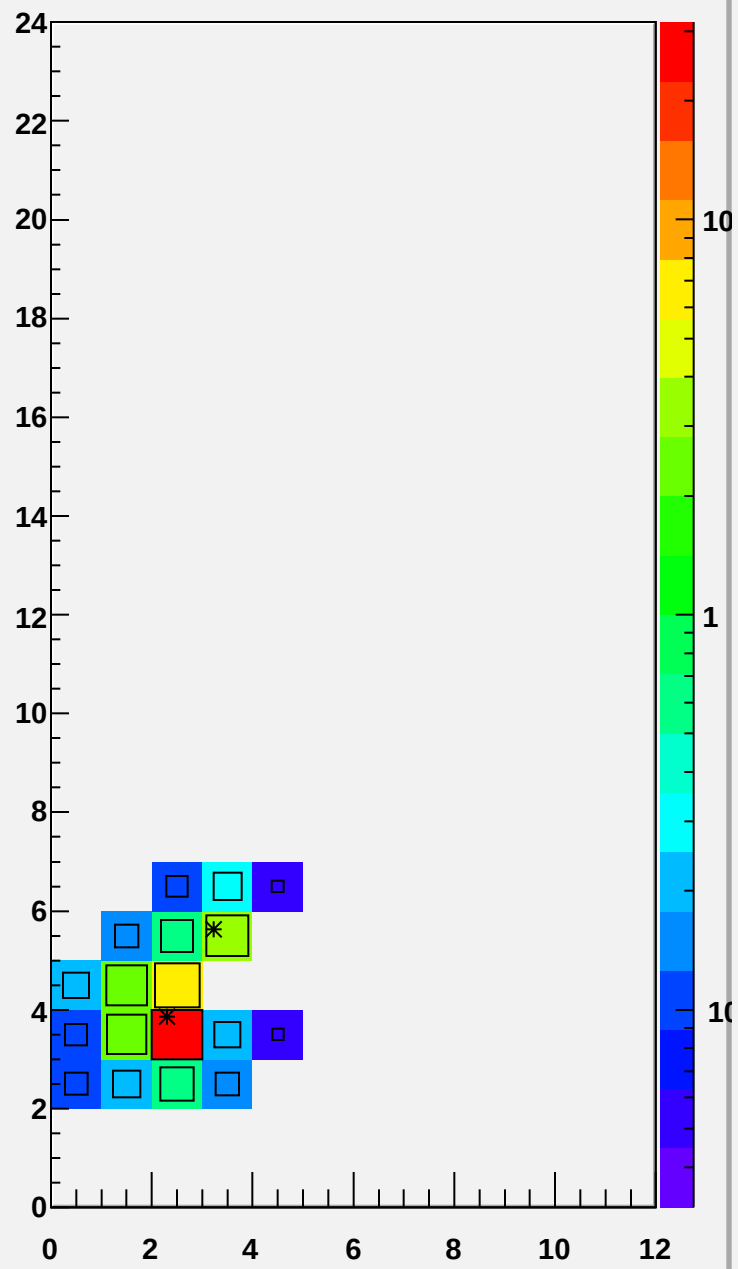
Fitted Energies



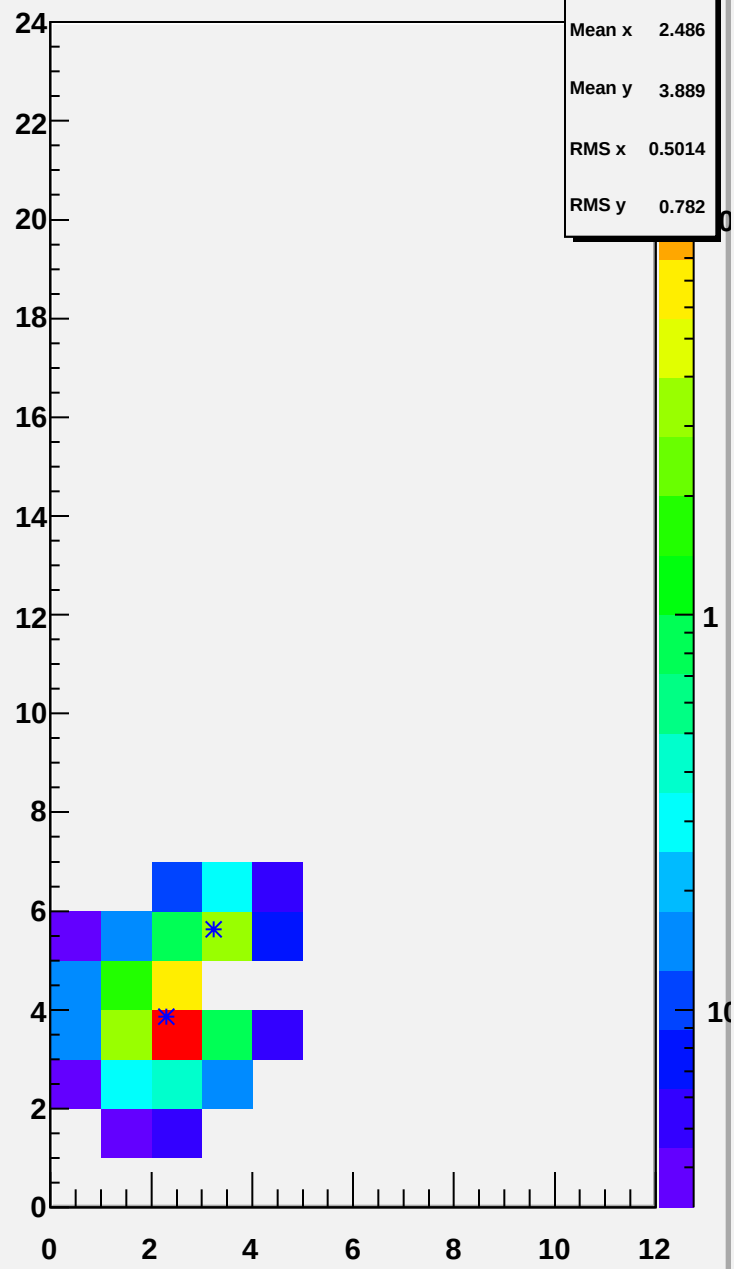
Efit

Entries	288
Mean x	2.632
Mean y	3.262
RMS x	0.4967
RMS y	0.6834

NSTB3_r4_c3_En=50.8_m0=0.169_m1=0.169_index=631



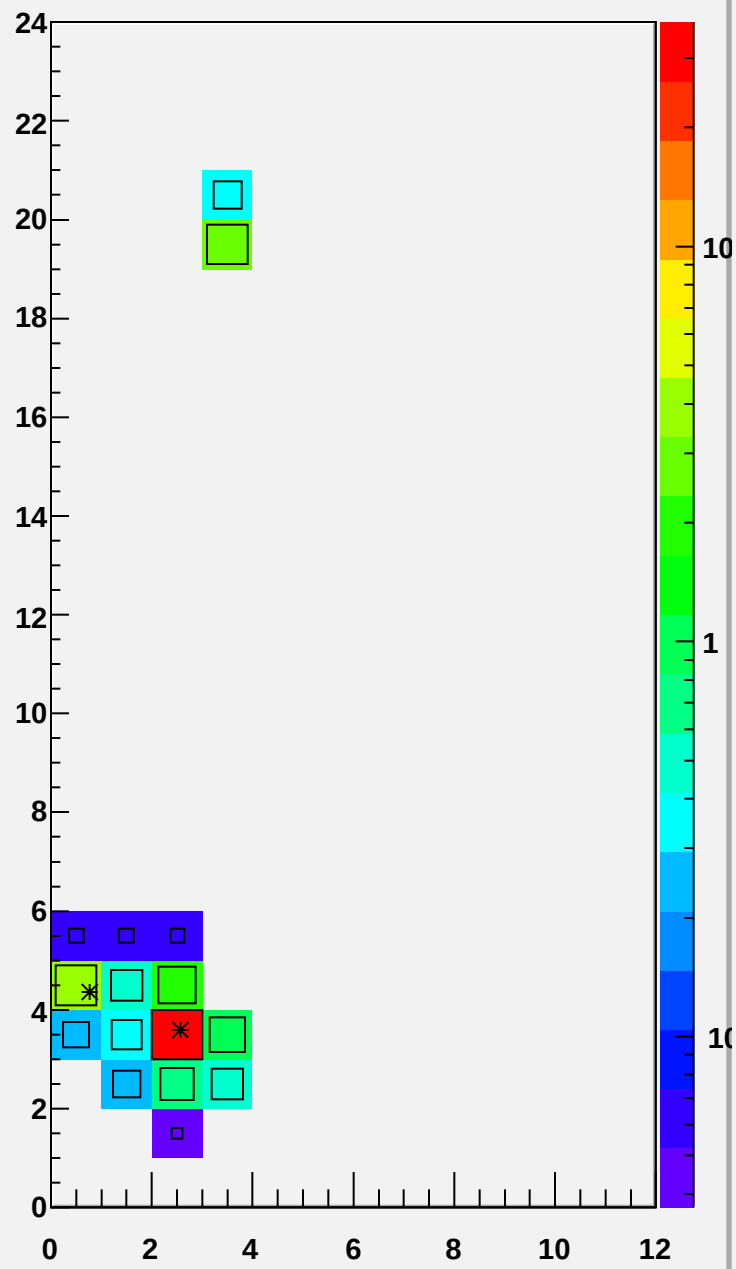
Fitted Energies



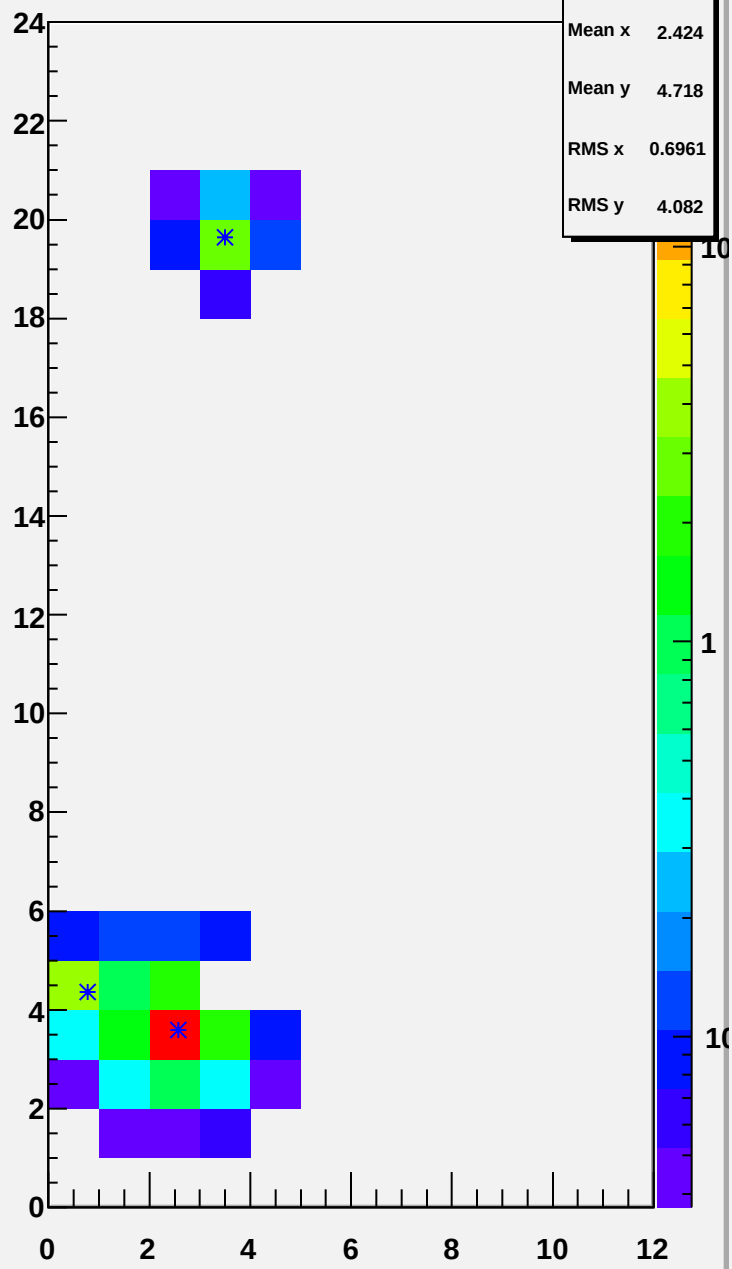
Efit

Entries	288
Mean x	2.486
Mean y	3.889
RMS x	0.5014
RMS y	0.782

NSTB3_r4_c3_En=49.7_m0=0.153_m1=0.153_index=632



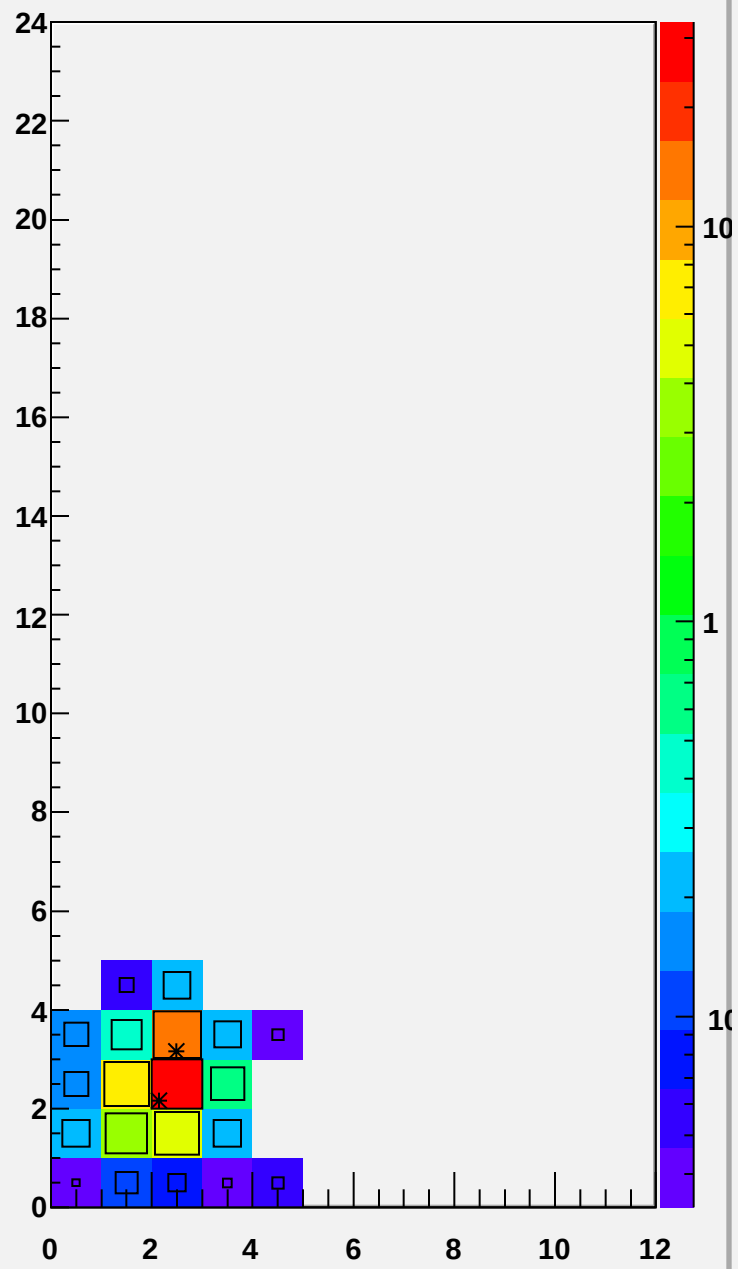
Fitted Energies



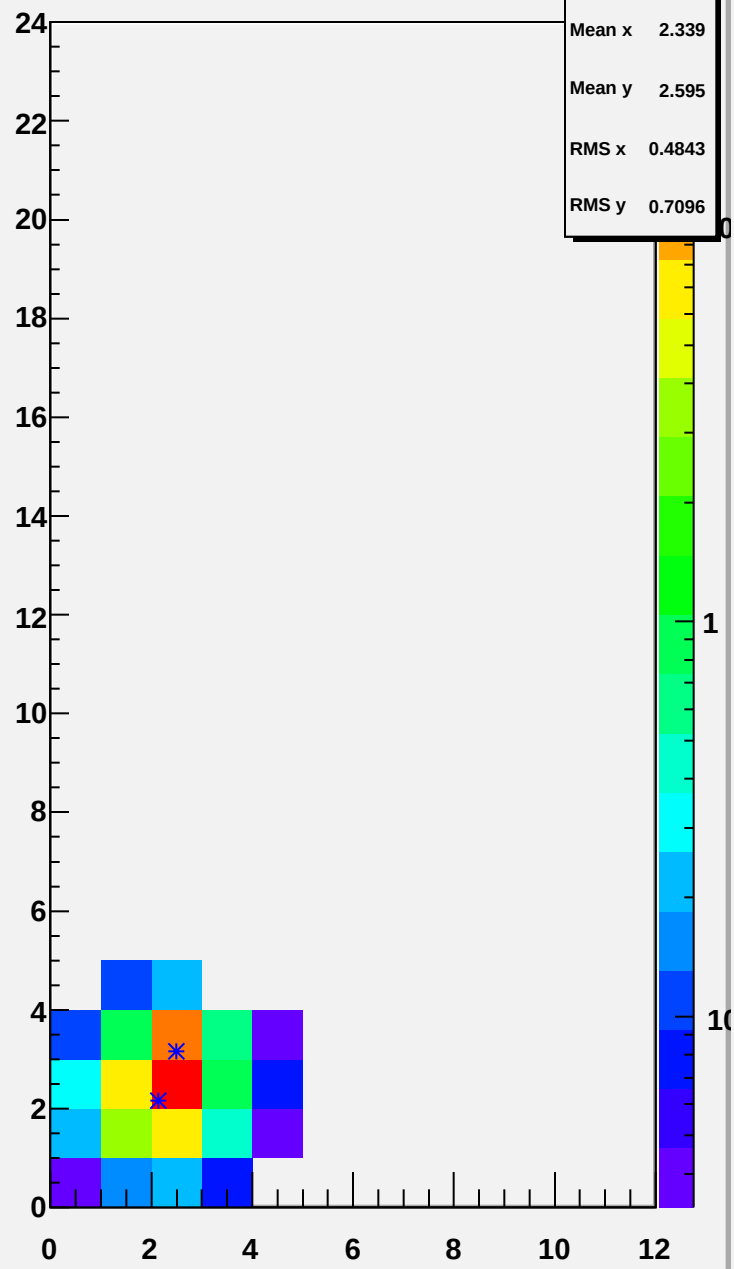
Efit

Entries	288
Mean x	2.424
Mean y	4.718
RMS x	0.6961
RMS y	4.082

NSTB3_r4_c3_En=67.4_m0=0.175_m1=0.176_index=633



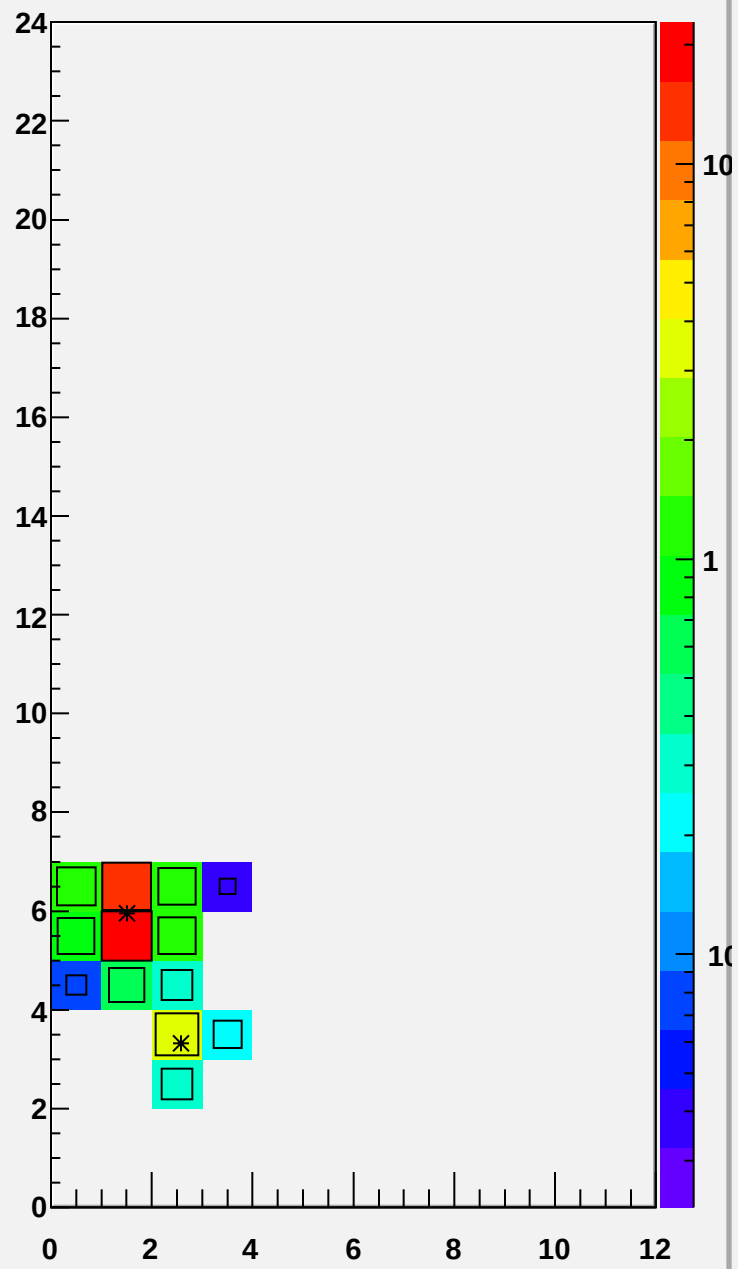
Fitted Energies



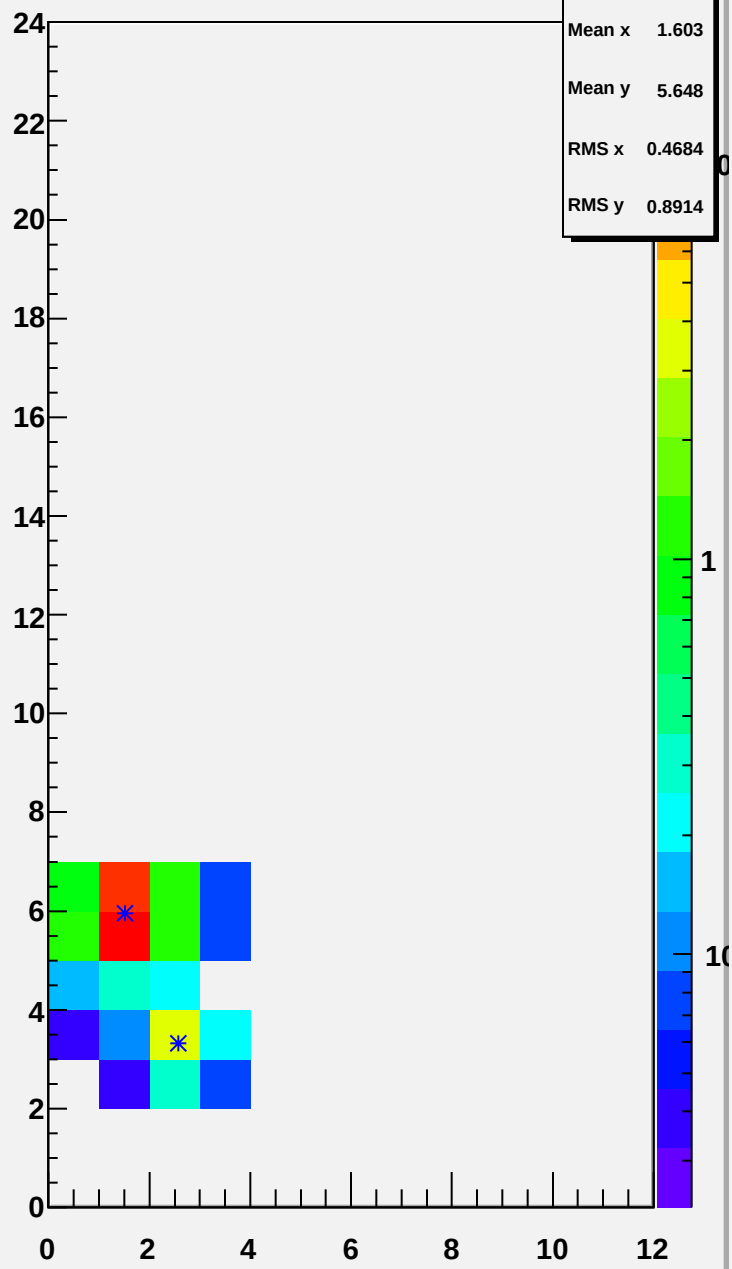
Efit

Entries	288
Mean x	2.339
Mean y	2.595
RMS x	0.4843
RMS y	0.7096

NSTB3_r4_c3_En=45.3_m0=0.207 m1=0.207 index=634



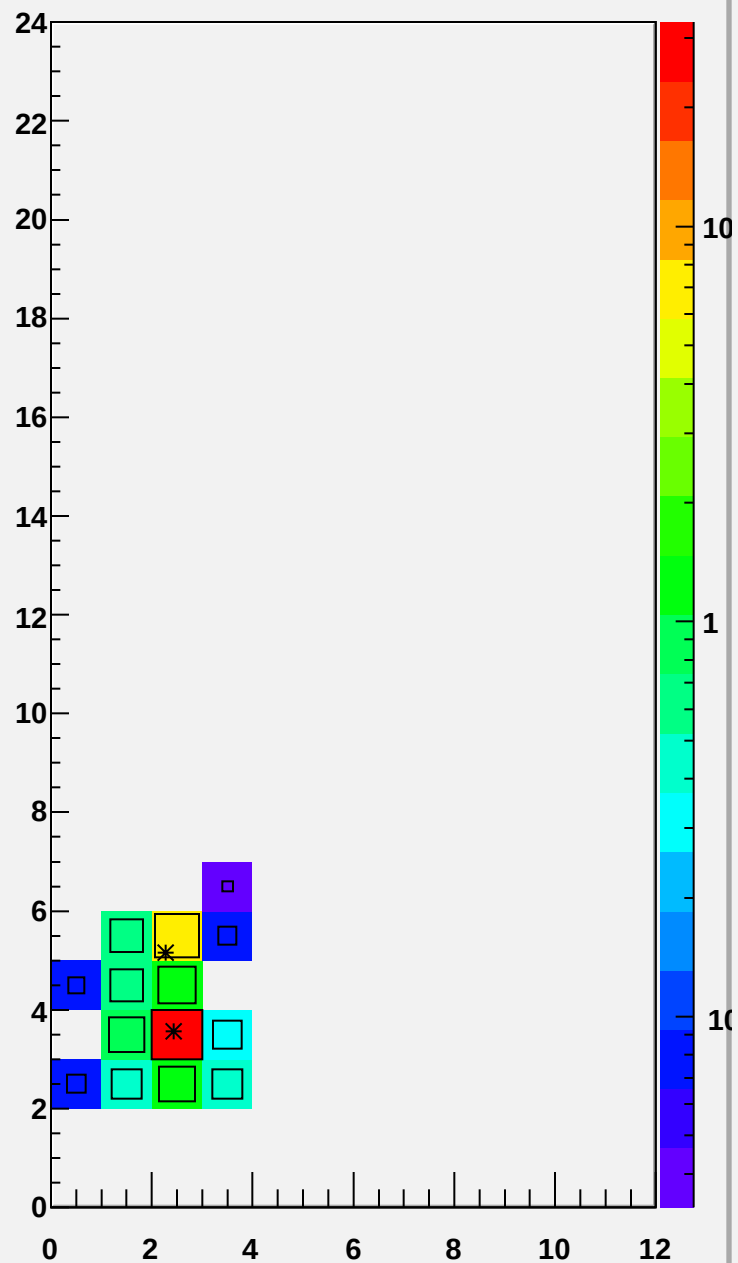
Fitted Energies



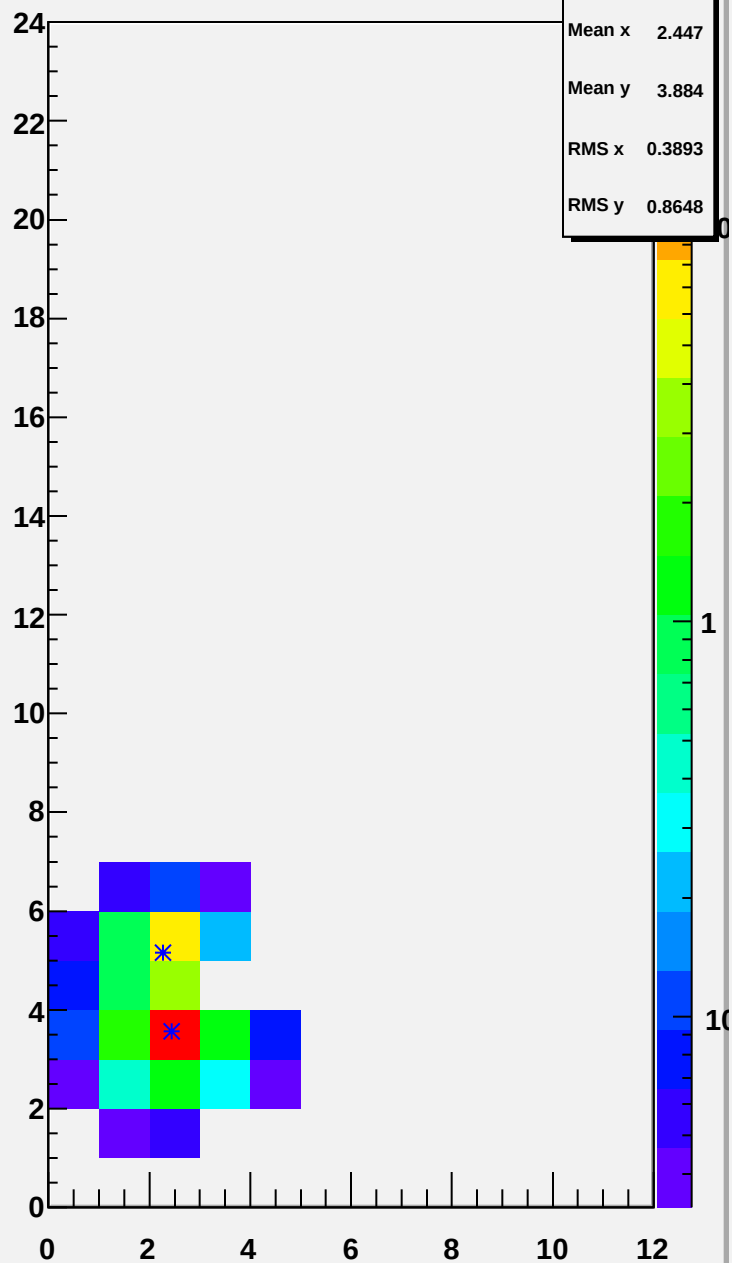
Efit

Entries	288
Mean x	1.603
Mean y	5.648
RMS x	0.4684
RMS y	0.8914

NSTB3_r4_c3_En=45.9_m0=0.176 m1=0.176 index=635



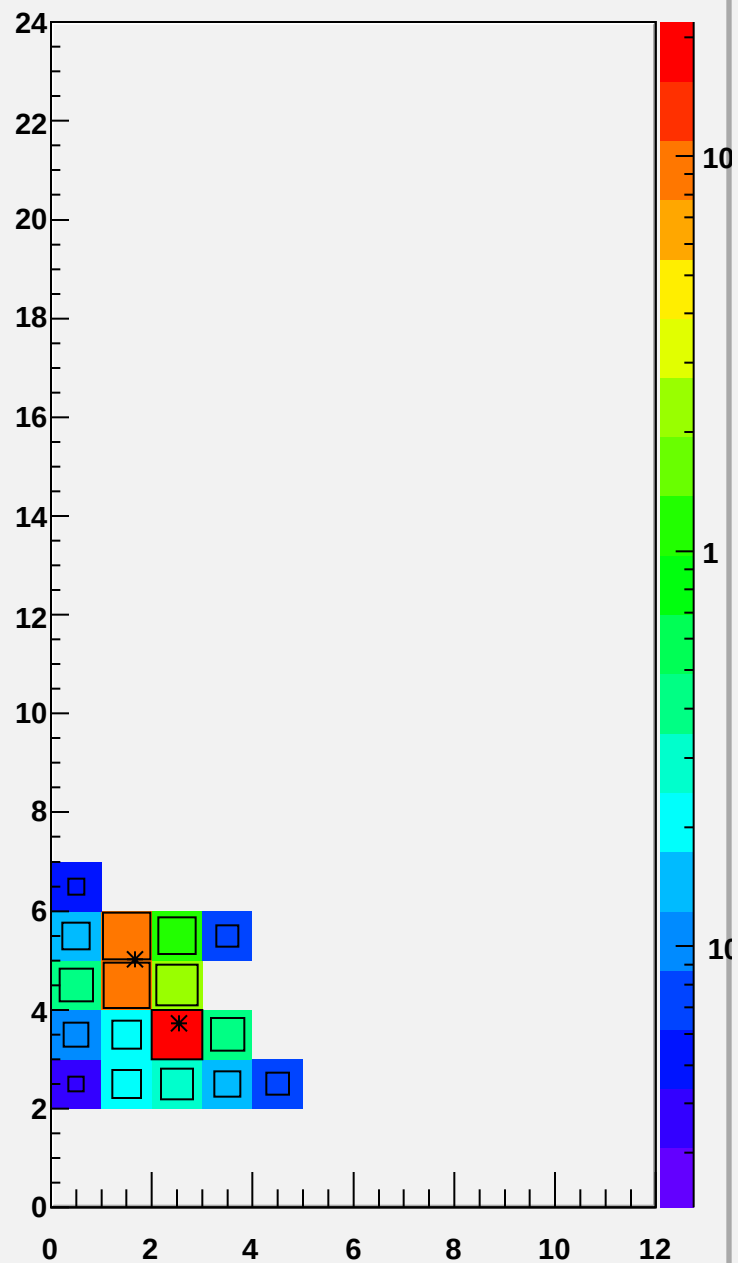
Fitted Energies



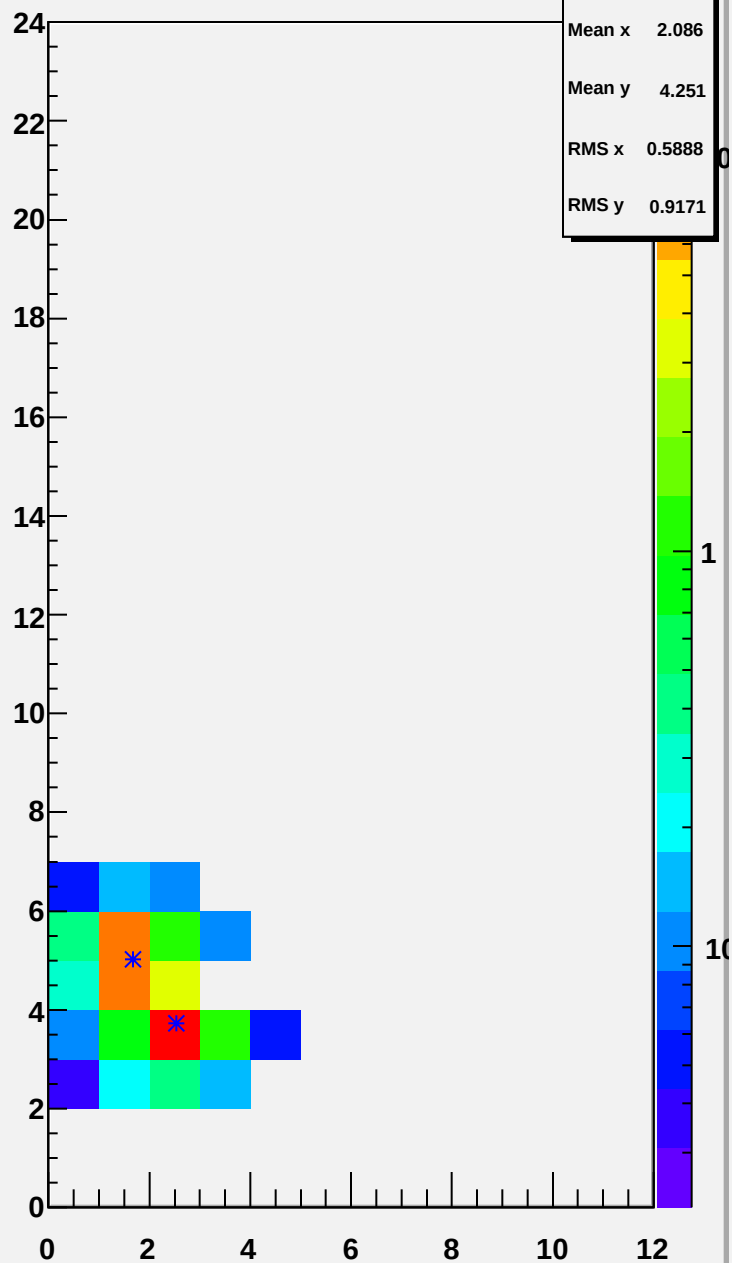
Efit

Entries	288
Mean x	2.447
Mean y	3.884
RMS x	0.3893
RMS y	0.8648

NSTB3_r4_c3_En=45.8_m0=0.212_m1=0.212_index=636



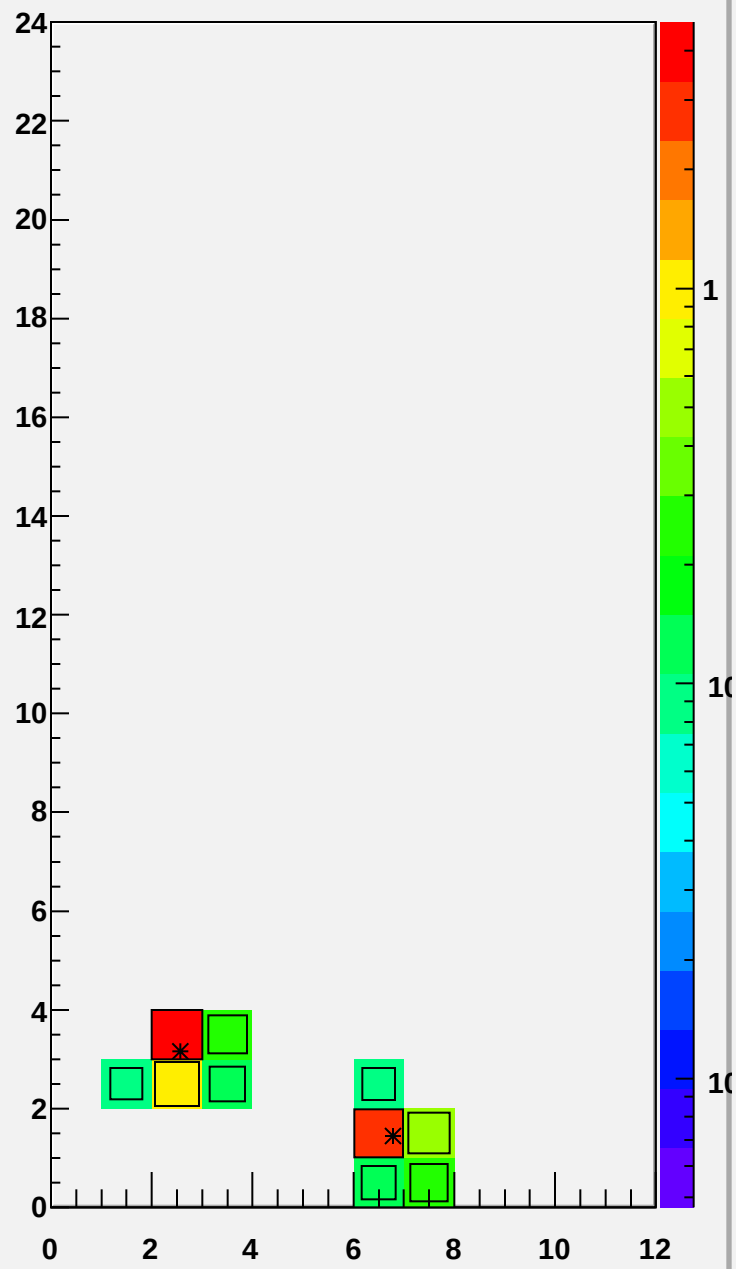
Fitted Energies



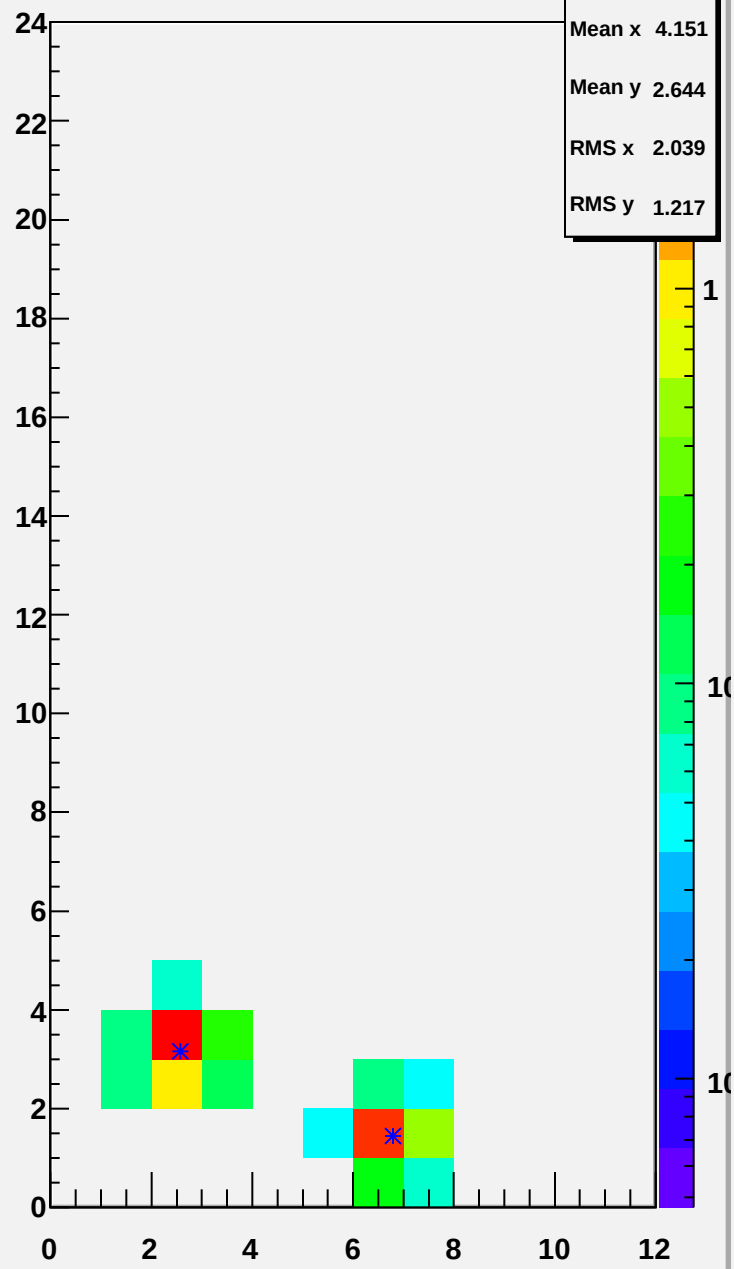
Efit

Entries	288
Mean x	2.086
Mean y	4.251
RMS x	0.5888
RMS y	0.9171

NSTB3_r4_c3_En=10.4_m0=0.133 m1=0.133 index=637



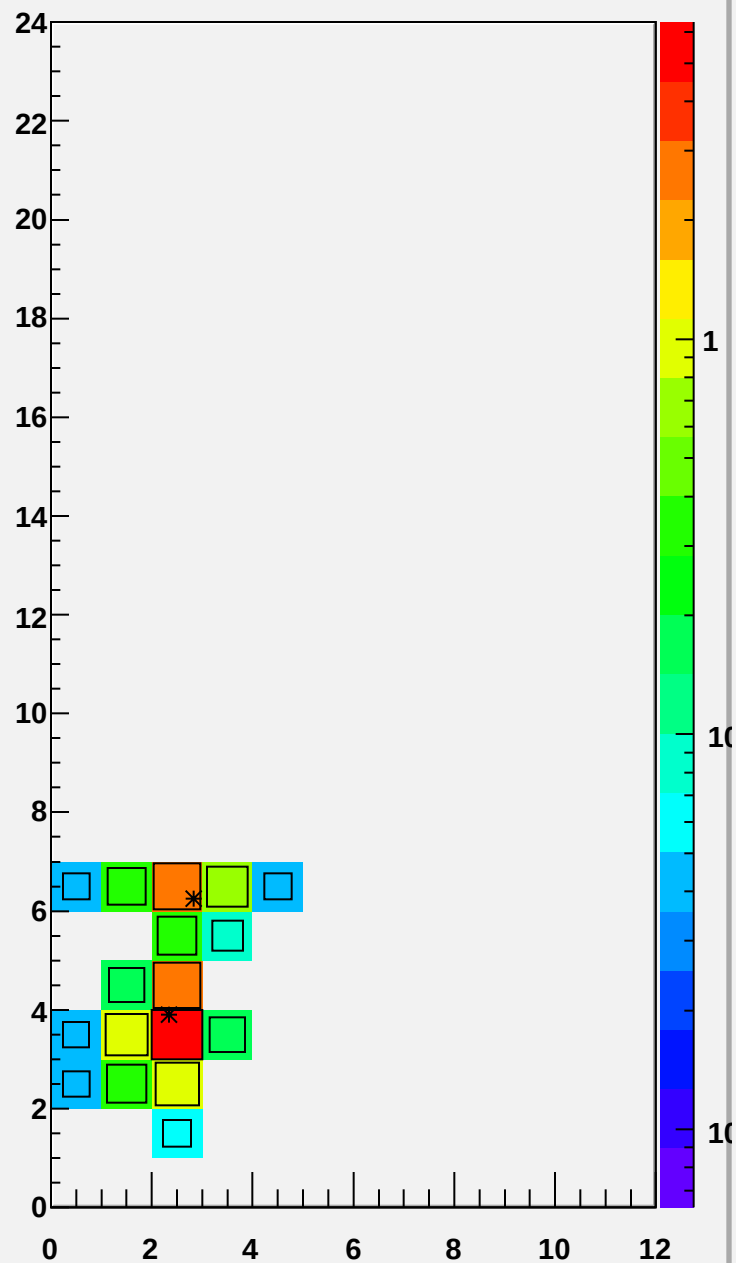
Fitted Energies



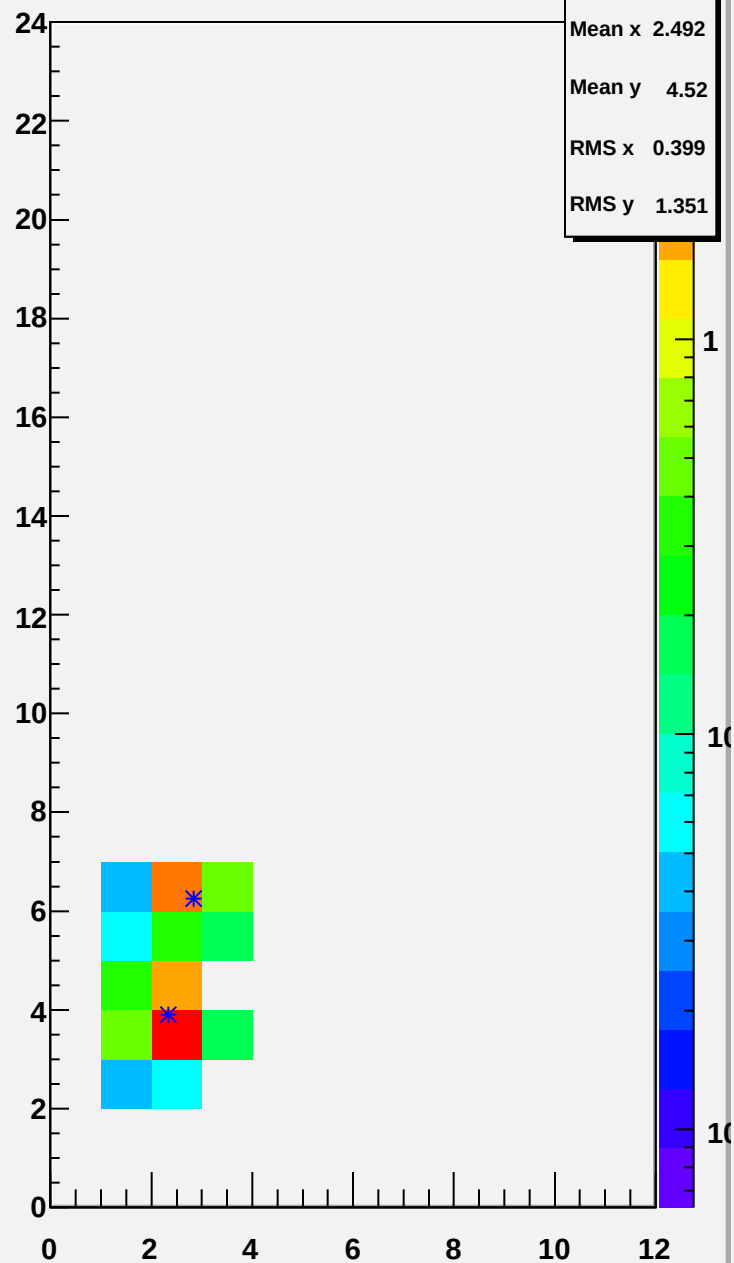
Efit

Entries 288
Mean x 4.151
Mean y 2.644
RMS x 2.039
RMS y 1.217

NSTB3_r4_c3_En=15.5_m0=0.084 m1=0.084 index=638



Fitted Energies



Efit

Entries 288

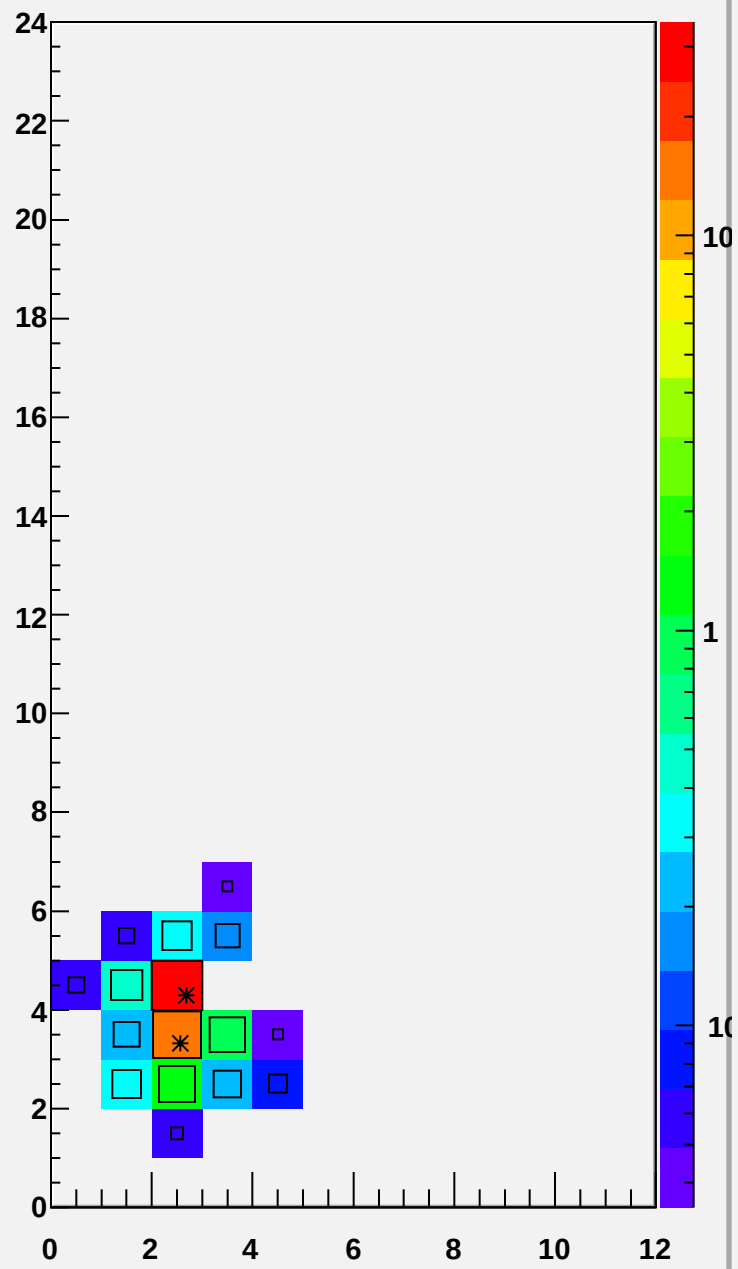
Mean x 2.492

Mean y 4.52

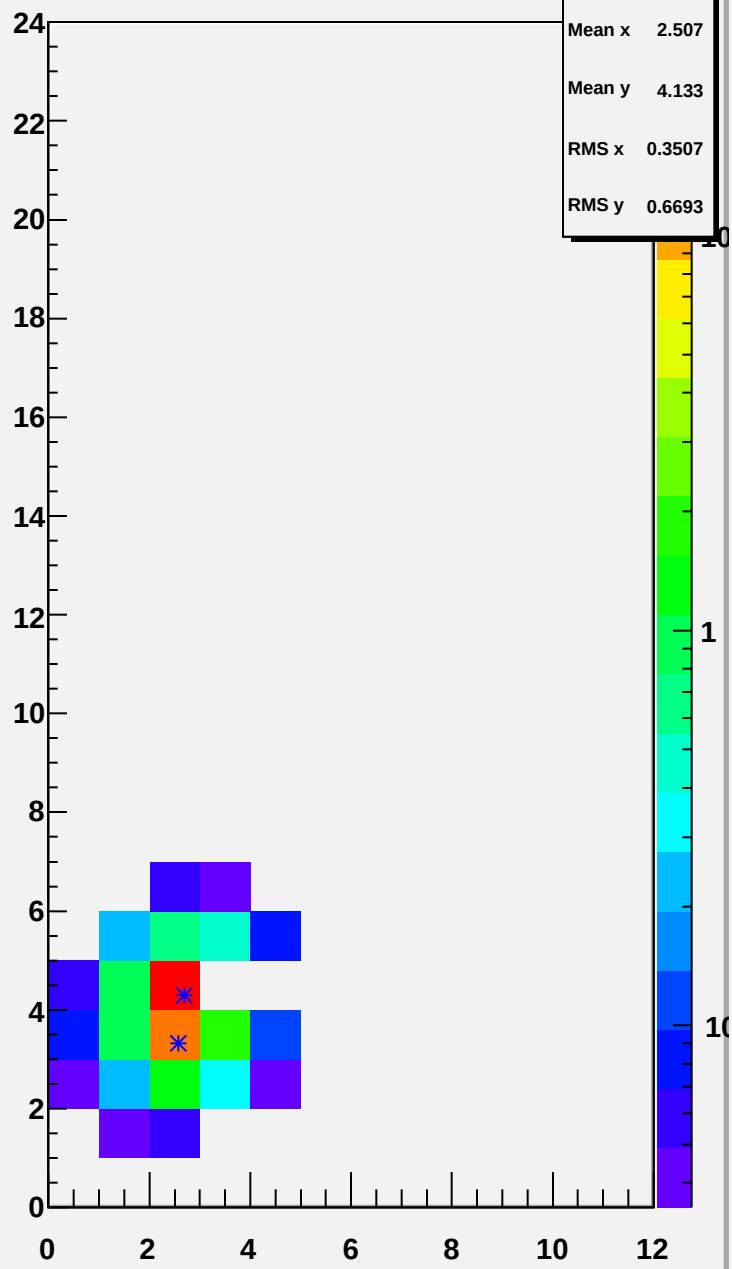
RMS x 0.399

RMS y 1.351

NSTB3_r4_c3_En=56.4_m0=0.144_m1=0.145_index=640



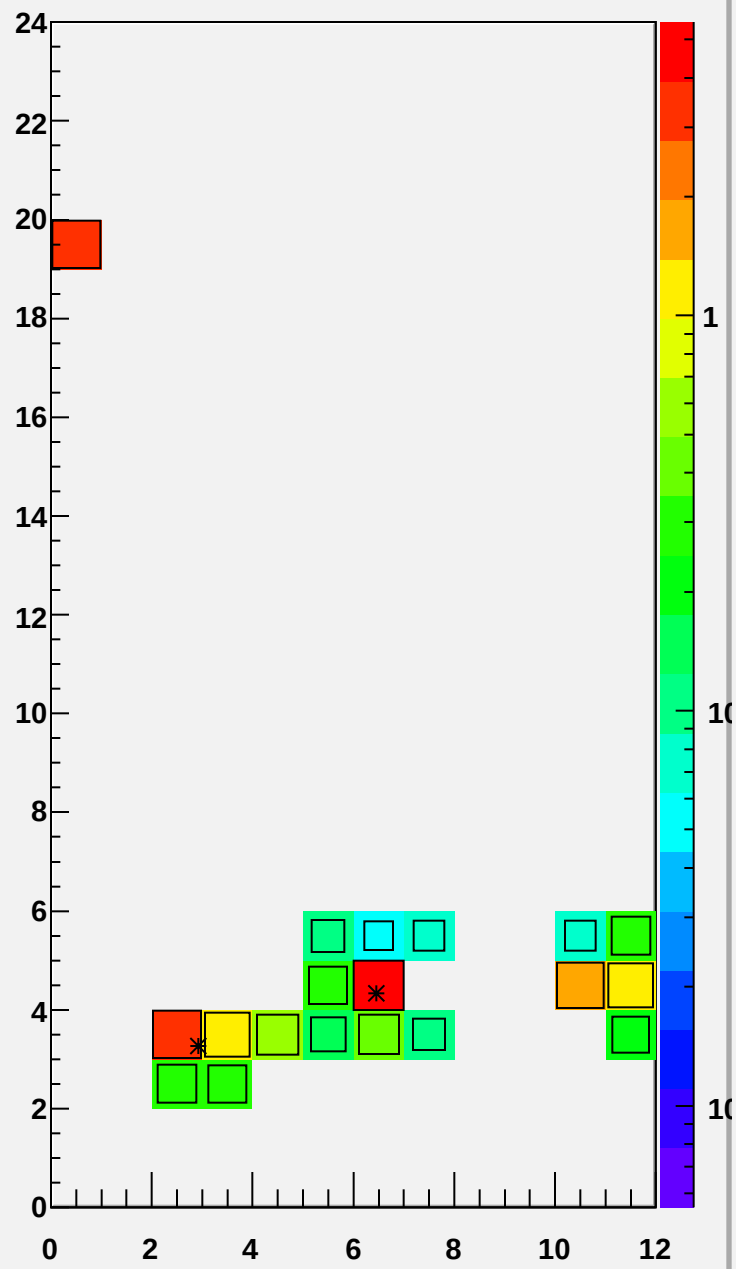
Fitted Energies



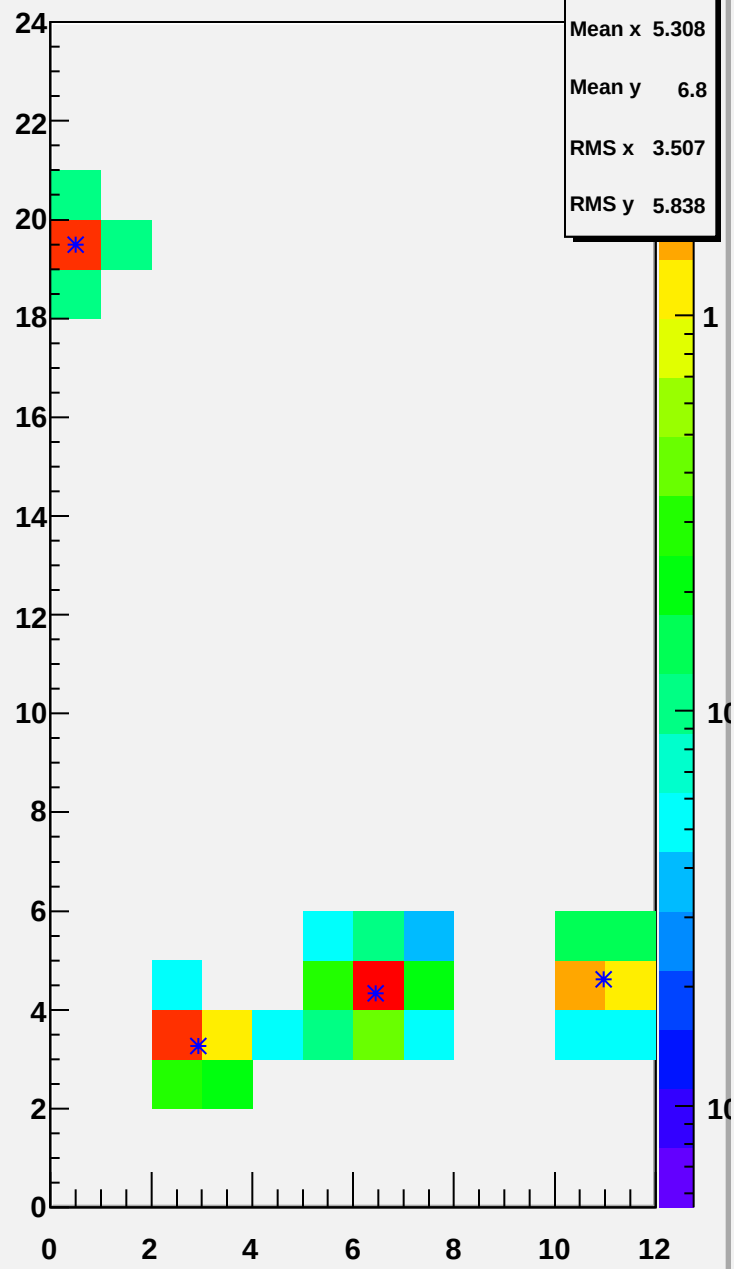
Efit

Entries	288
Mean x	2.507
Mean y	4.133
RMS x	0.3507
RMS y	0.6693

NSTB3_r4_c3_En=19.2_m0=0.120 m1=0.120 index=641



Fitted Energies



Efit

Entries 288

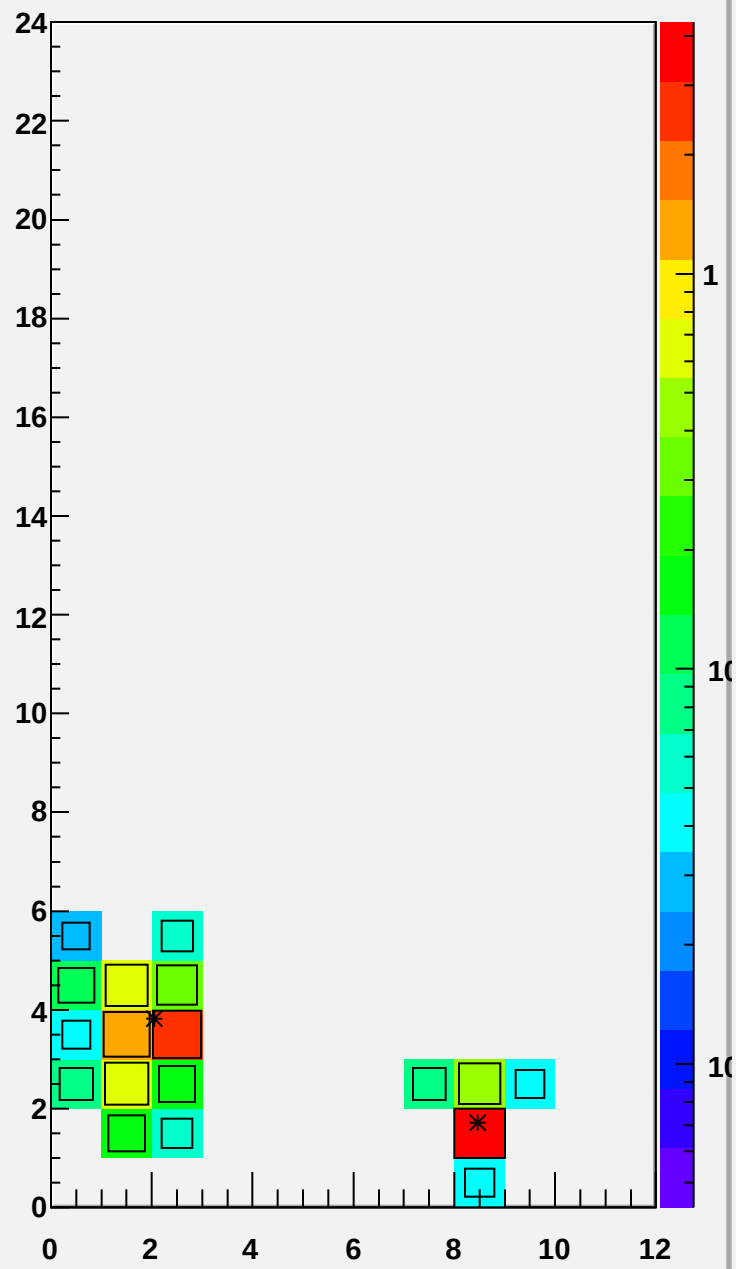
Mean x 5.308

Mean y 6.8

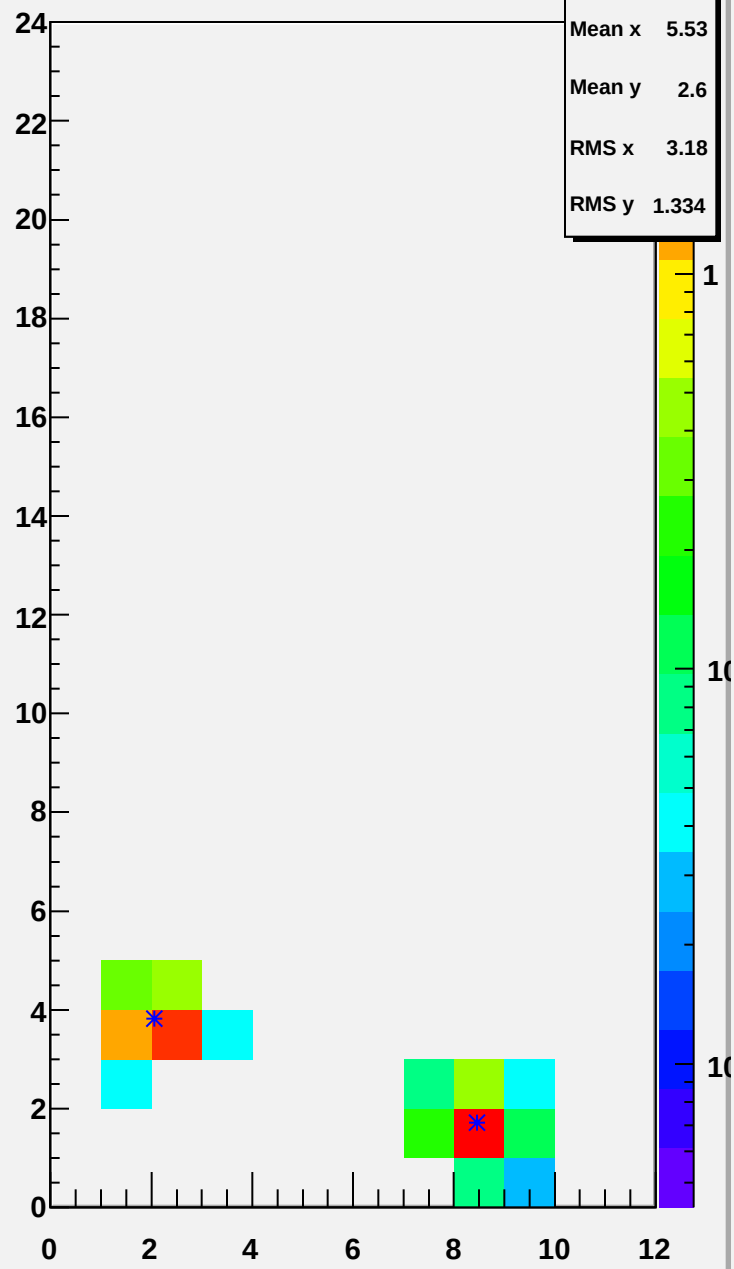
RMS x 3.507

RMS y 5.838

NSTB3_r4_c3_En=11.0_m0=0.191 m1=0.191 index=642



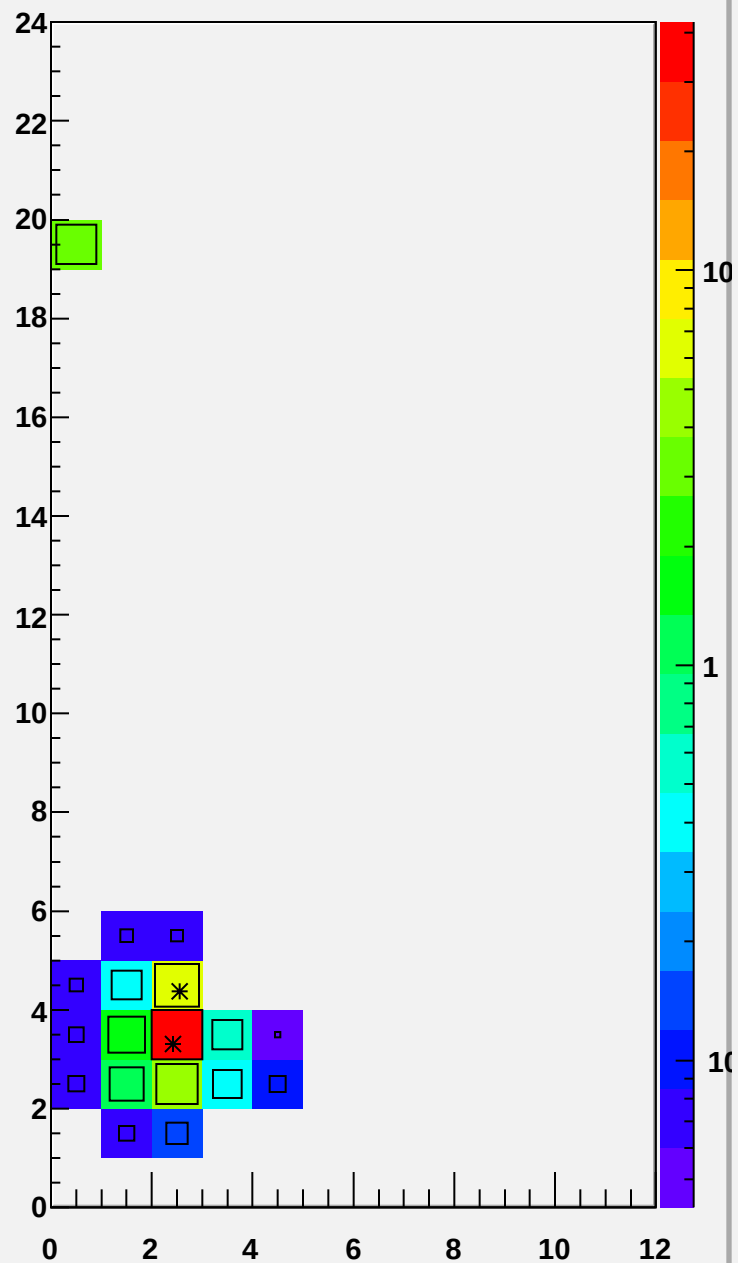
Fitted Energies



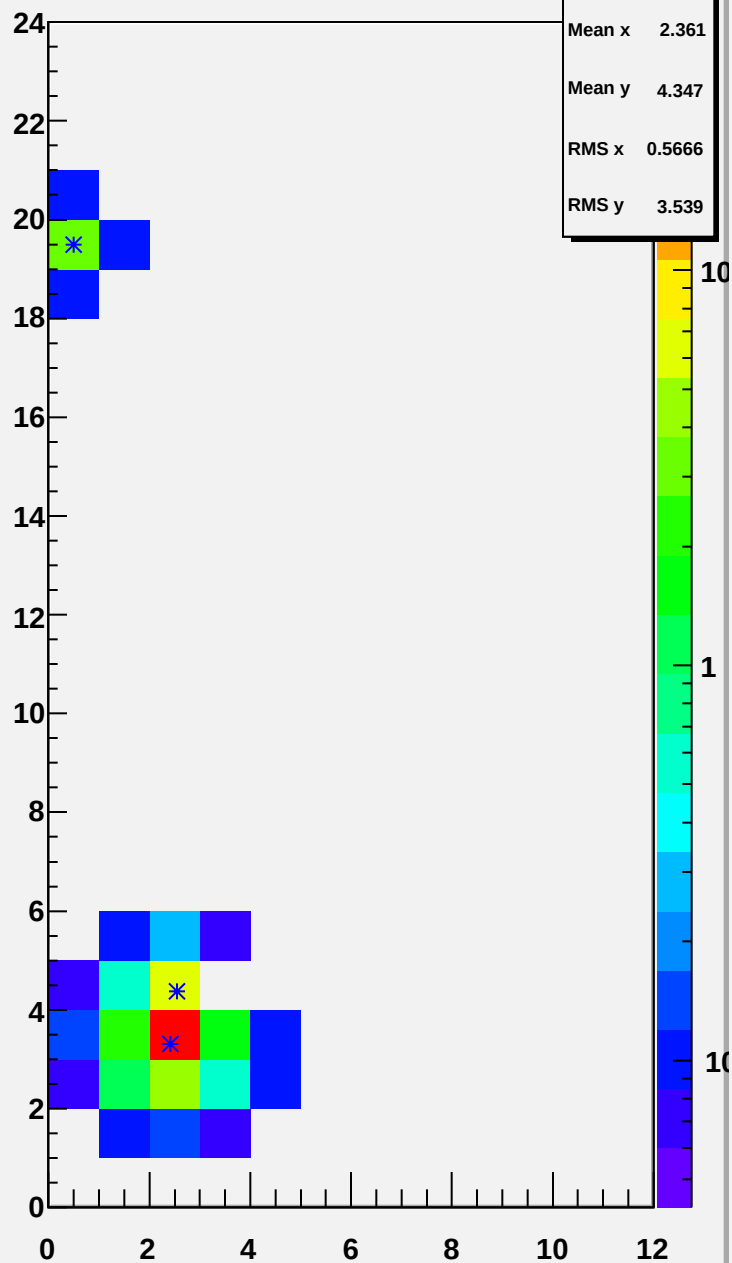
Efit

Entries 288
Mean x 5.53
Mean y 2.6
RMS x 3.18
RMS y 1.334

NSTB3_r4_c3_En=61.7_m0=0.118_m1=0.117_index=643



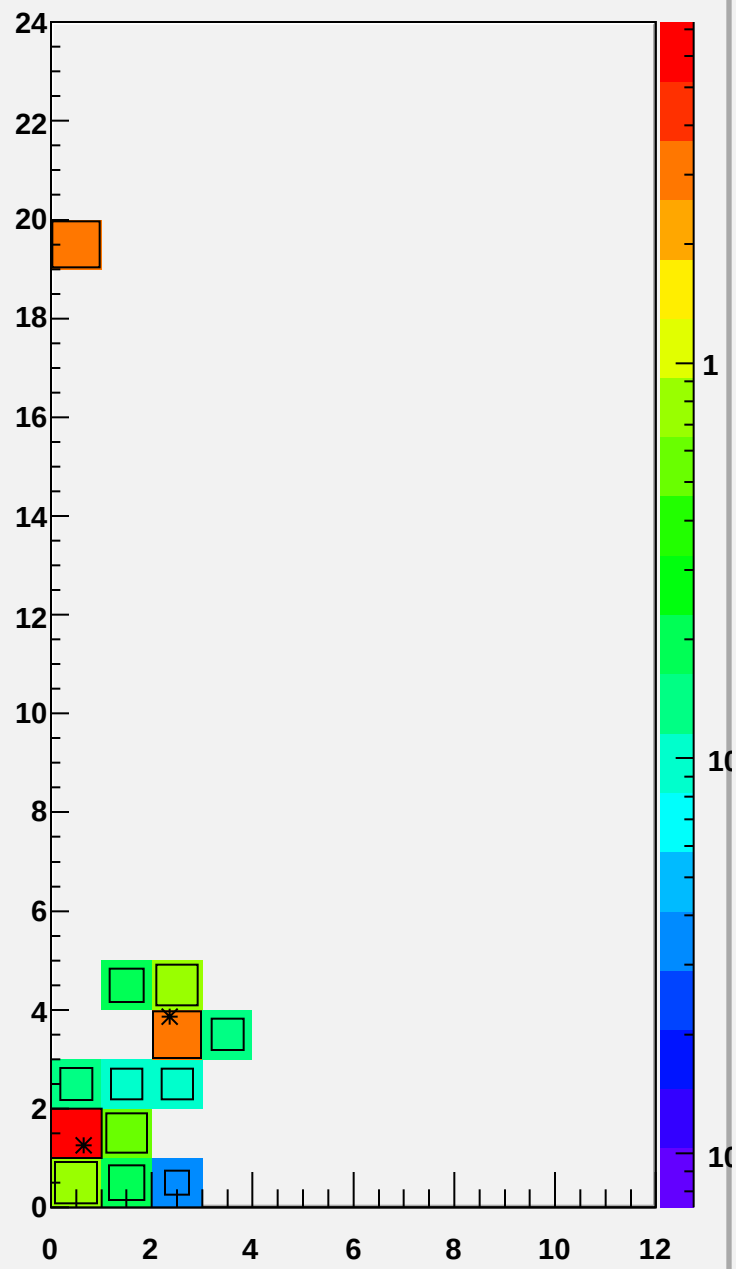
Fitted Energies



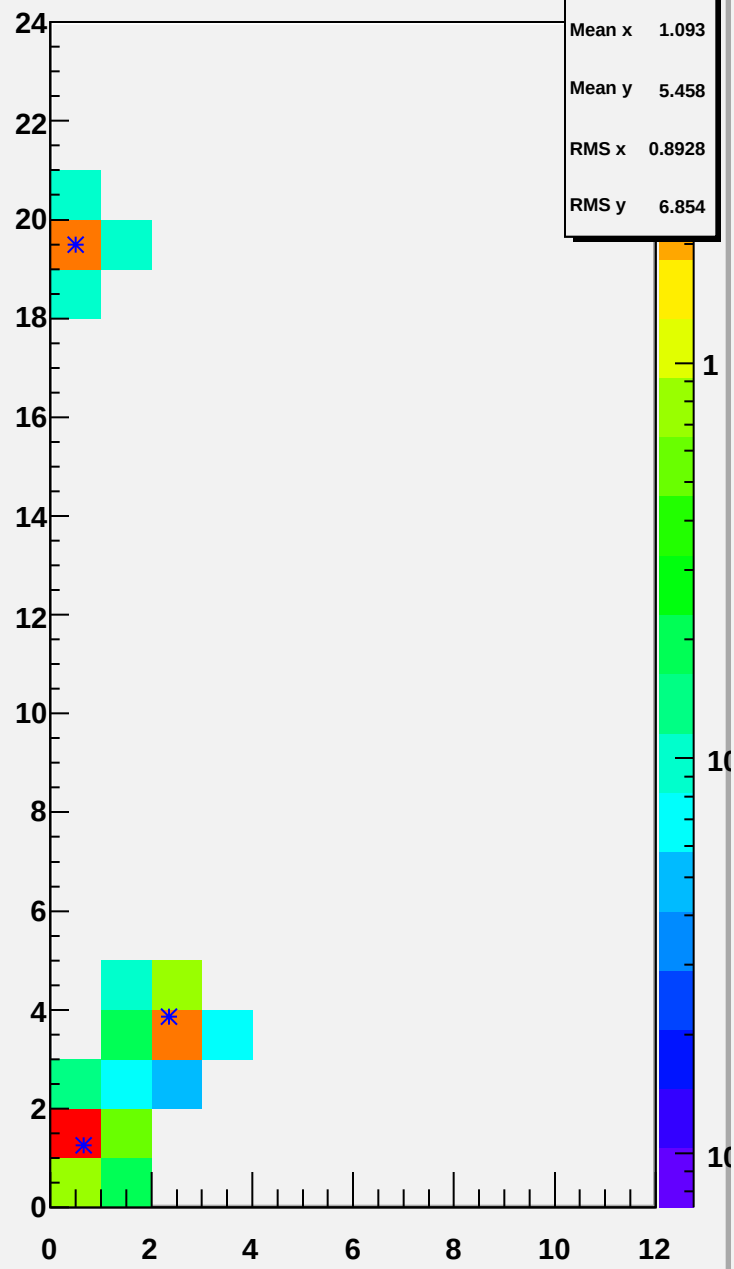
Efit

Entries	288
Mean x	2.361
Mean y	4.347
RMS x	0.5666
RMS y	3.539

NSTB3_r4_c3_En=17.1_m0=0.117_m1=0.117_index=645



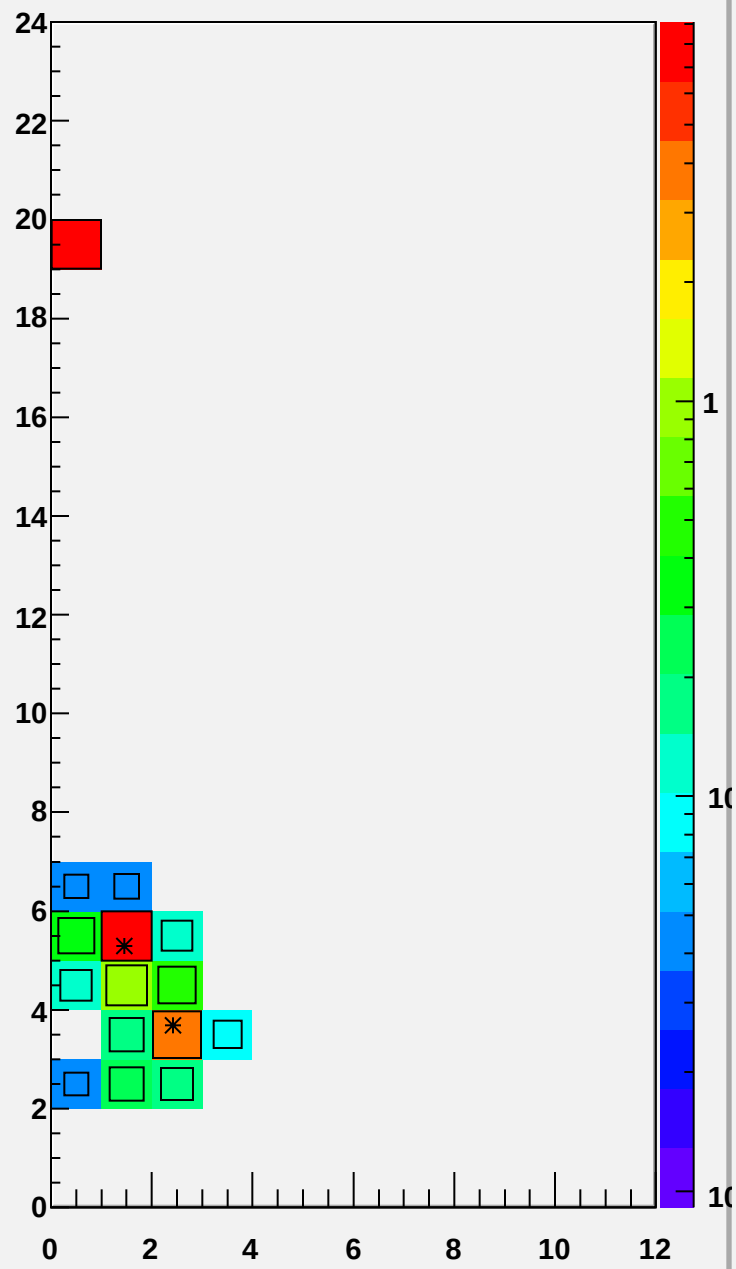
Fitted Energies



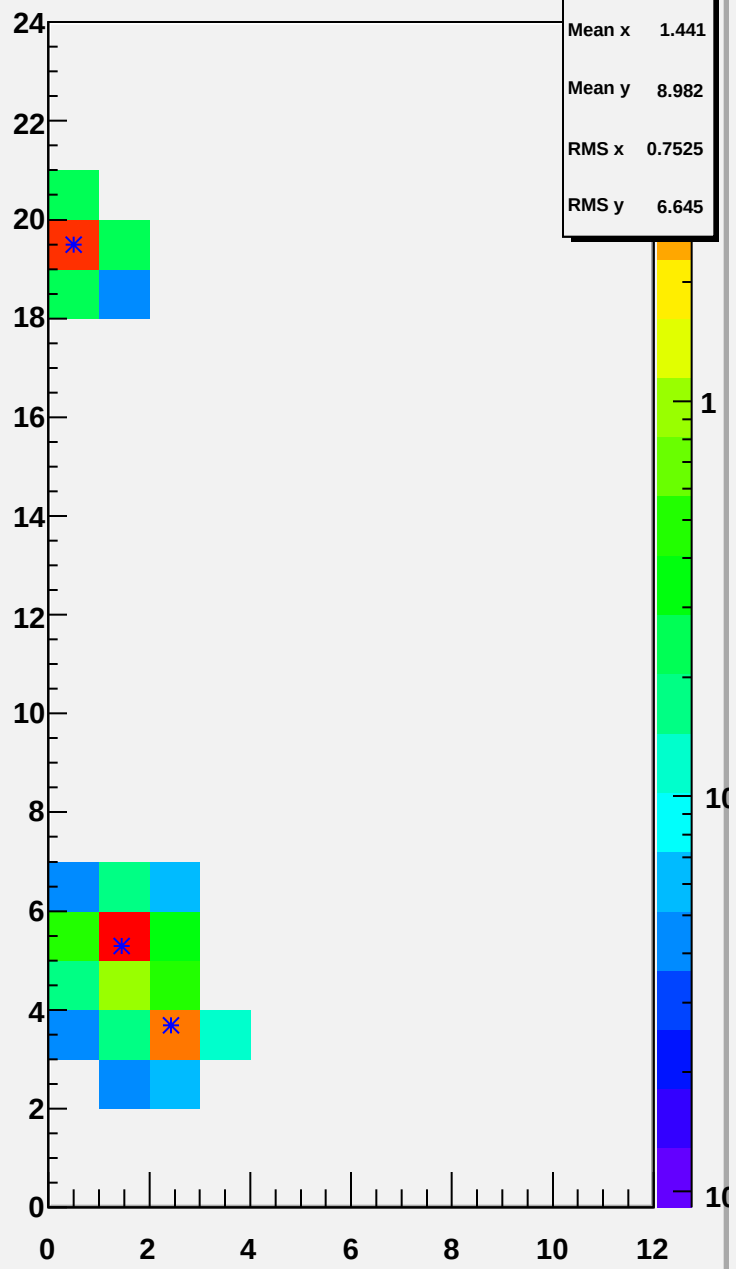
Efit

Entries	288
Mean x	1.093
Mean y	5.458
RMS x	0.8928
RMS y	6.854

NSTB3_r4_c3_En=22.6_m0=0.082 m1=0.082 index=646



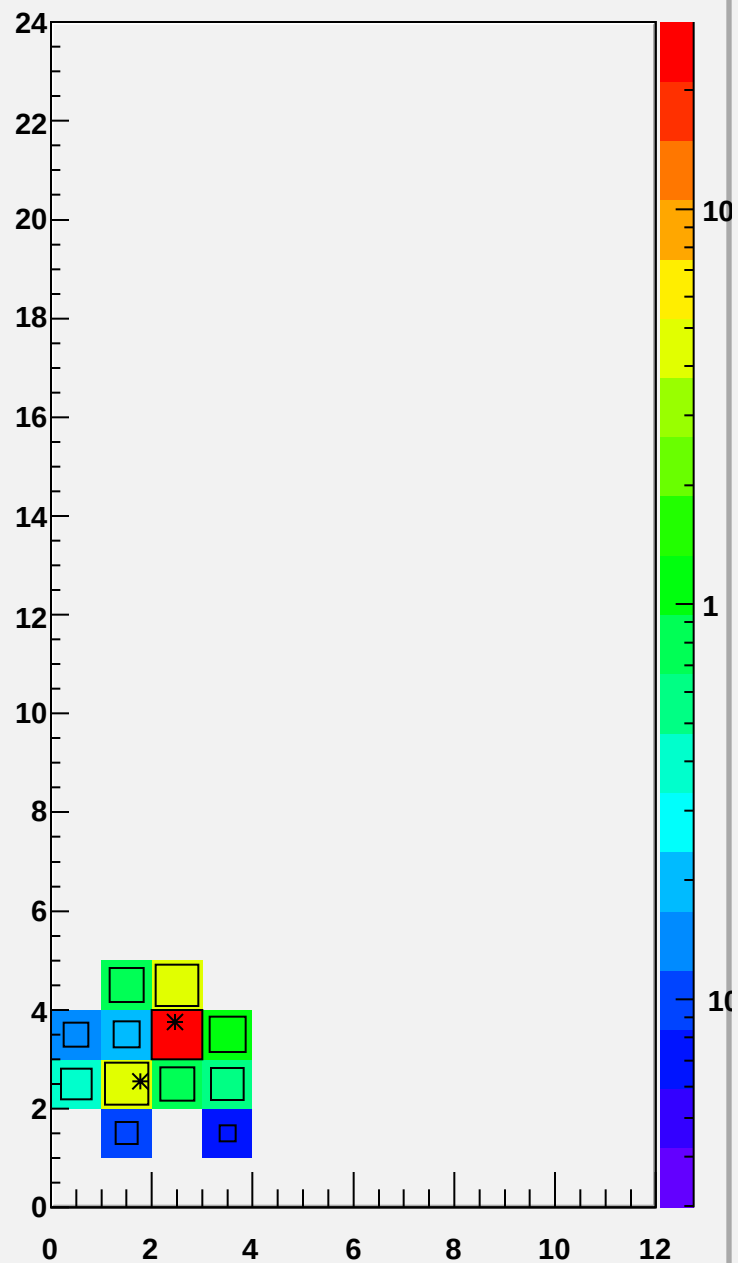
Fitted Energies



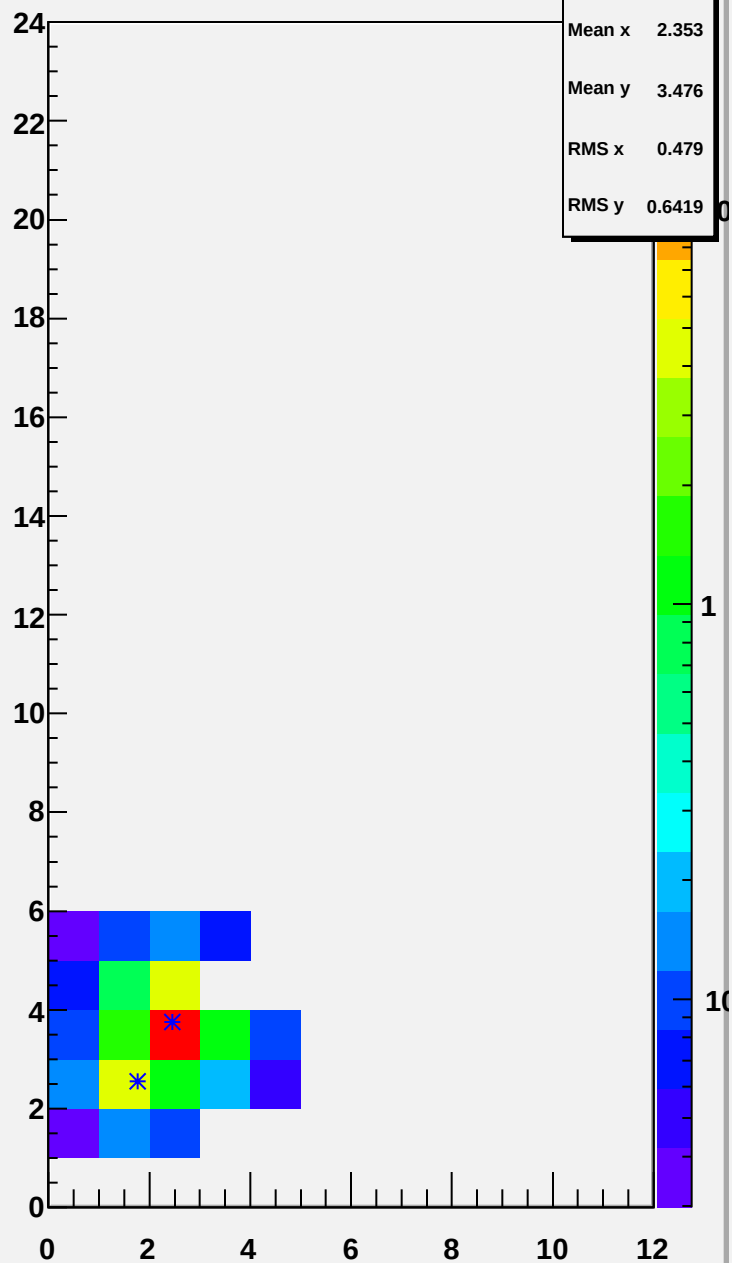
Efit

Entries	288
Mean x	1.441
Mean y	8.982
RMS x	0.7525
RMS y	6.645

NSTB3_r4_c3_En=42.2_m0=0.116 m1=0.116 index=648



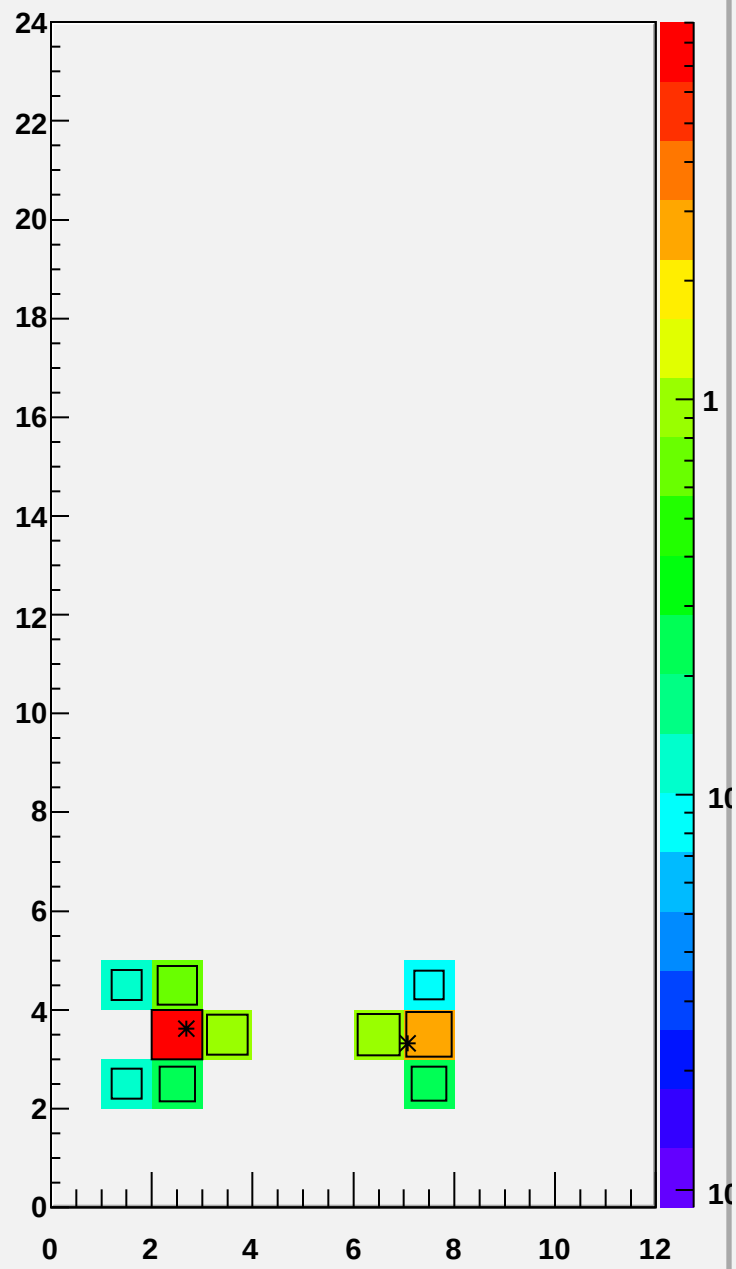
Fitted Energies



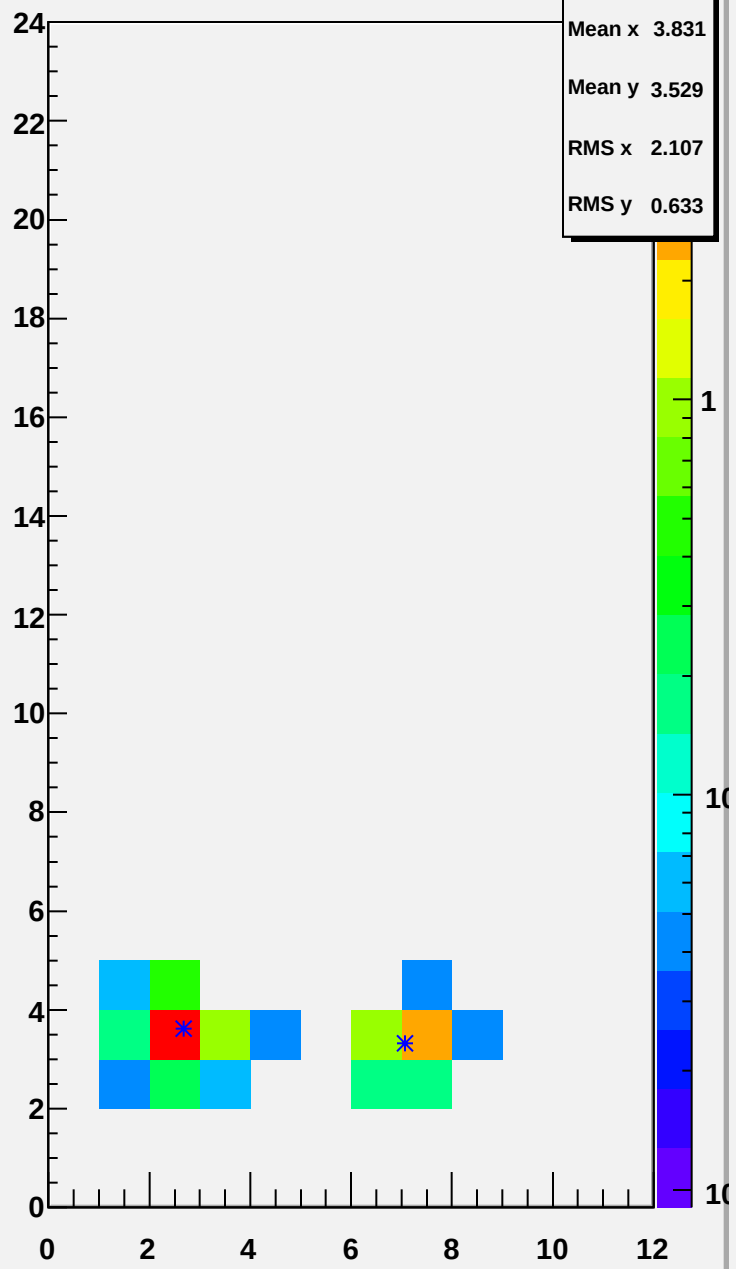
Efit

Entries	288
Mean x	2.353
Mean y	3.476
RMS x	0.479
RMS y	0.6419

NSTB3_r4_c3_En=15.0_m0=0.169 m1=0.169 index=649



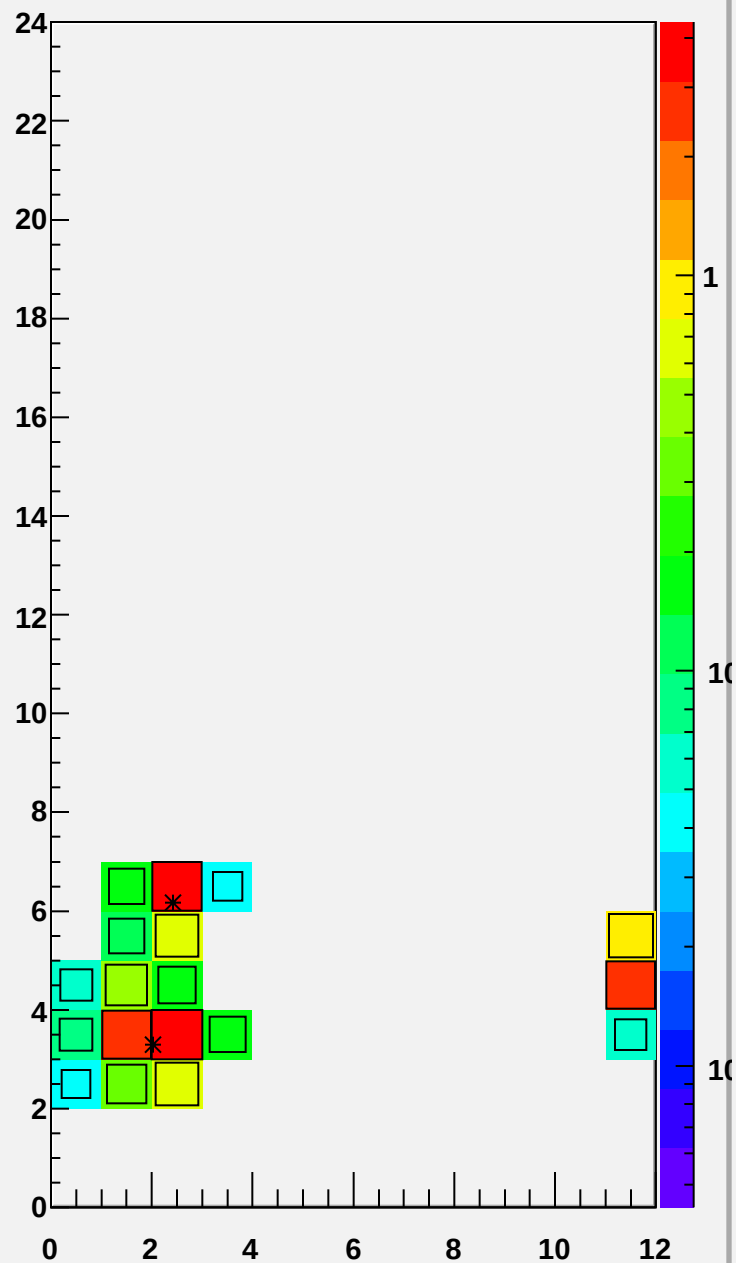
Fitted Energies



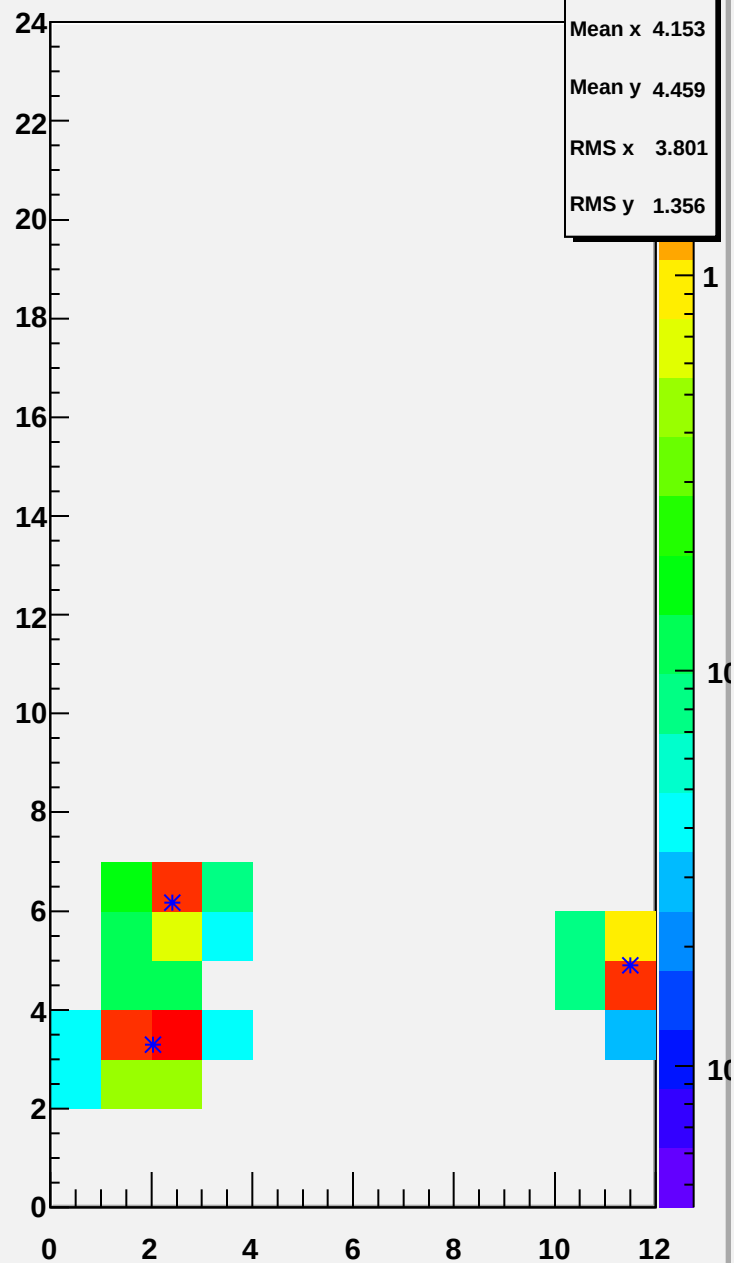
Efit

Entries 288
Mean x 3.831
Mean y 3.529
RMS x 2.107
RMS y 0.633

NSTB3_r4_c3_En=16.9_m0=0.099 m1=0.099 index=650



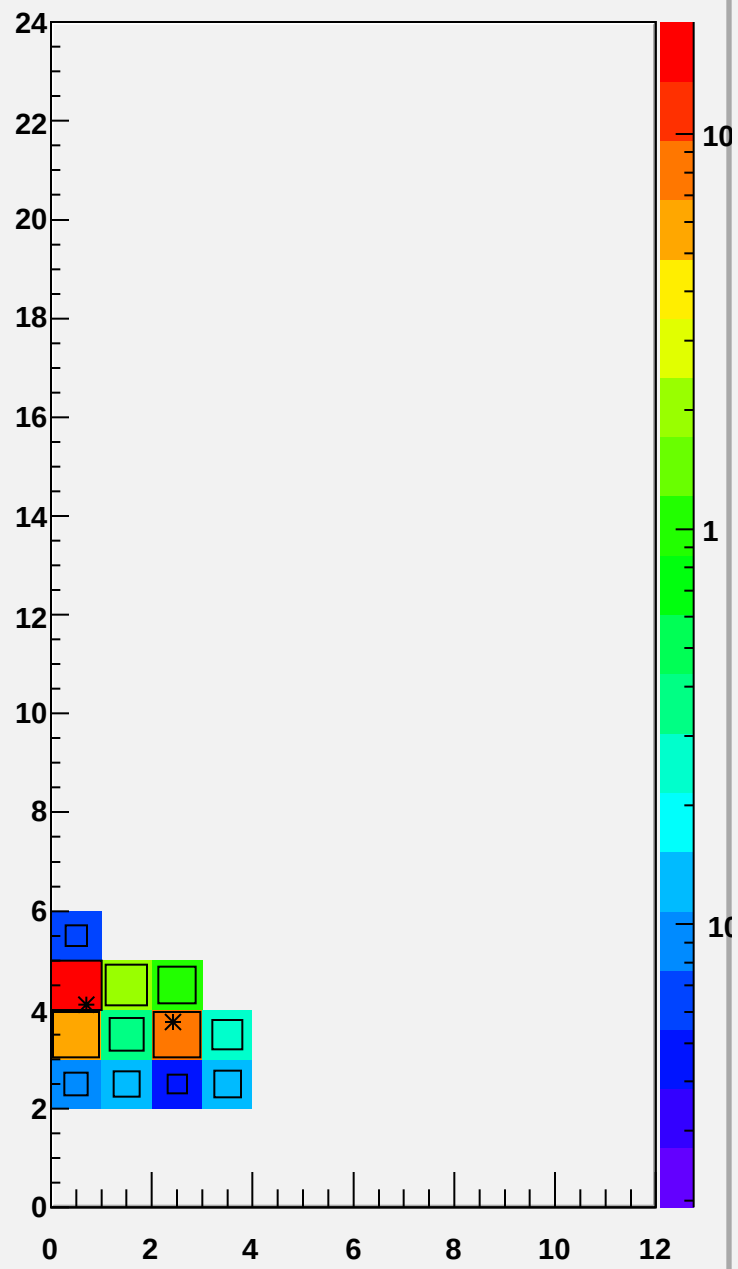
Fitted Energies



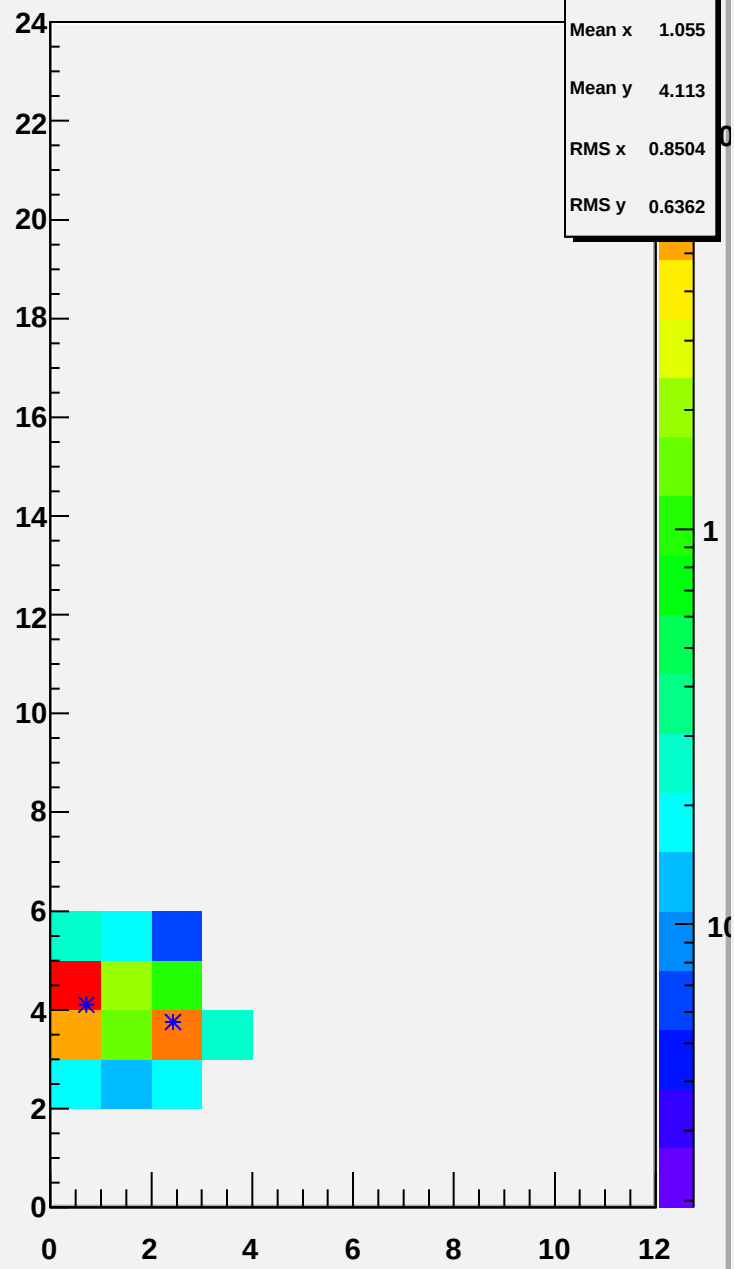
Efit

Entries 288
Mean x 4.153
Mean y 4.459
RMS x 3.801
RMS y 1.356

NSTB3_r4_c3_En=36.0_m0=0.157 m1=0.157 index=651



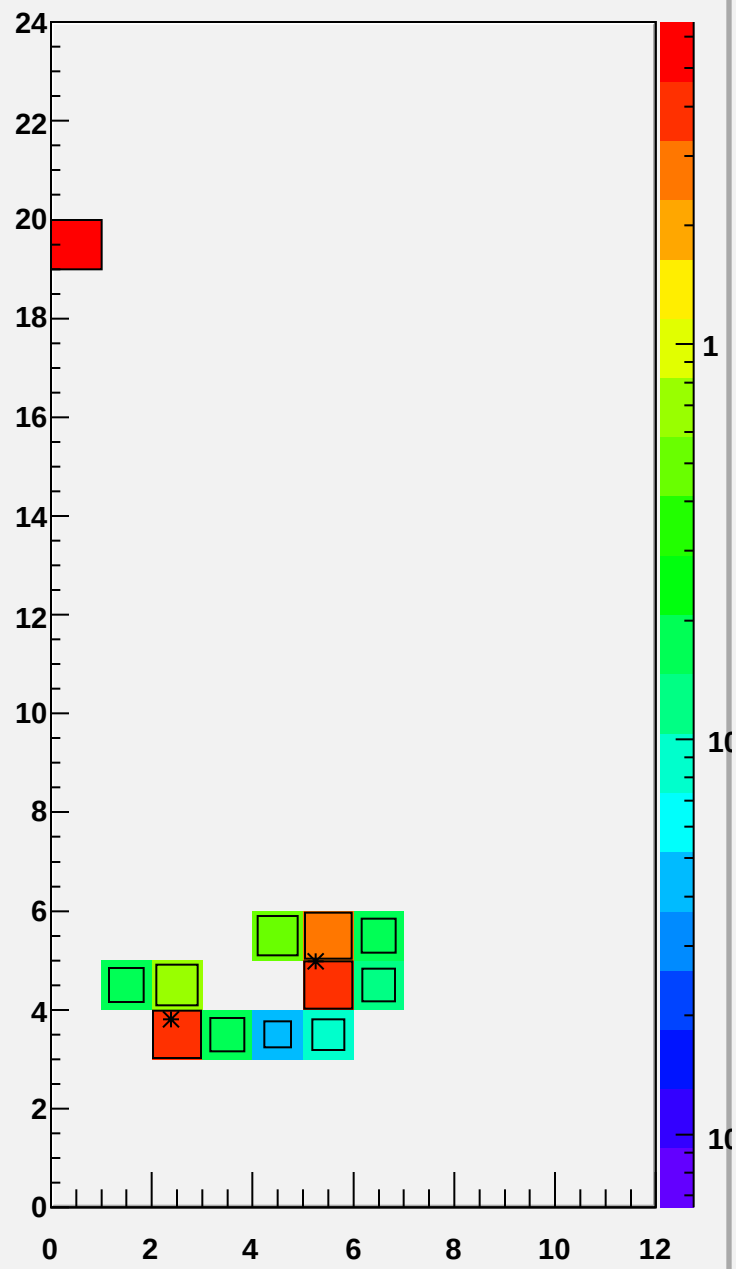
Fitted Energies



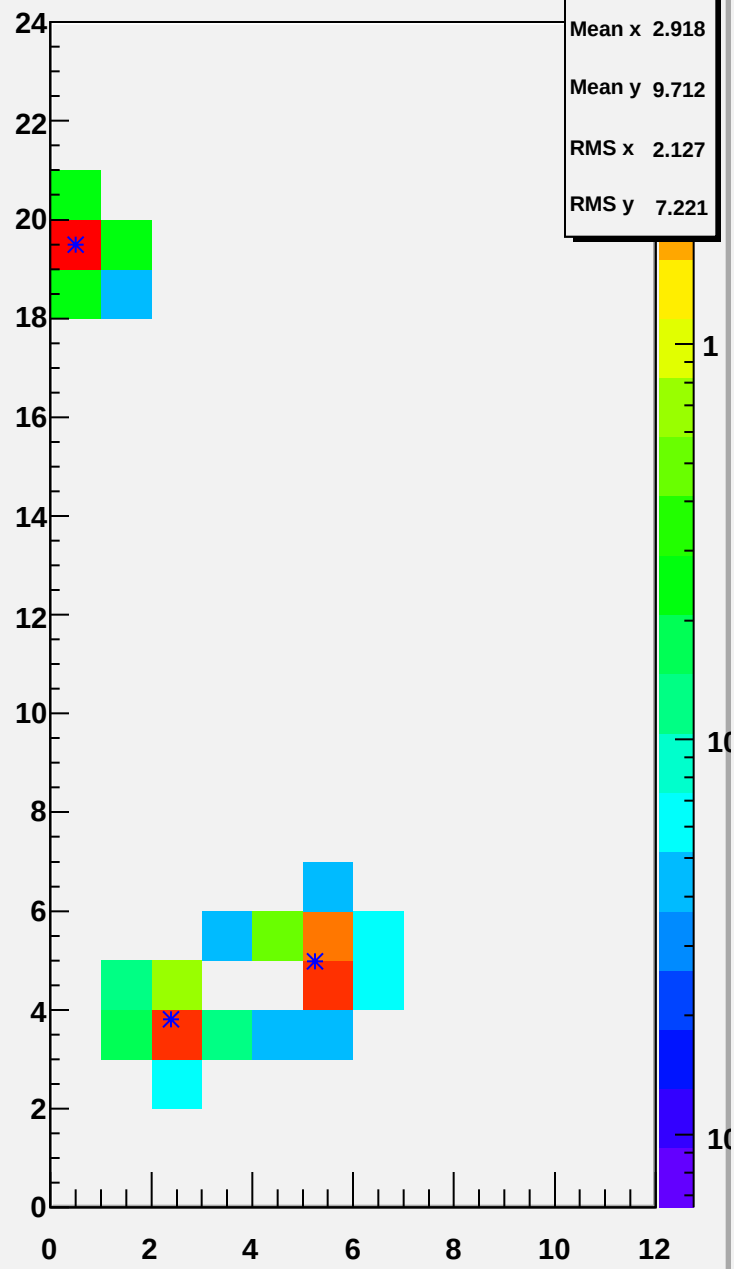
Efit

Entries	288
Mean x	1.055
Mean y	4.113
RMS x	0.8504
RMS y	0.6362

NSTB3_r4_c3_En=18.7_m0=0.110 m1=0.110 index=652



Fitted Energies



Efit

Entries 288

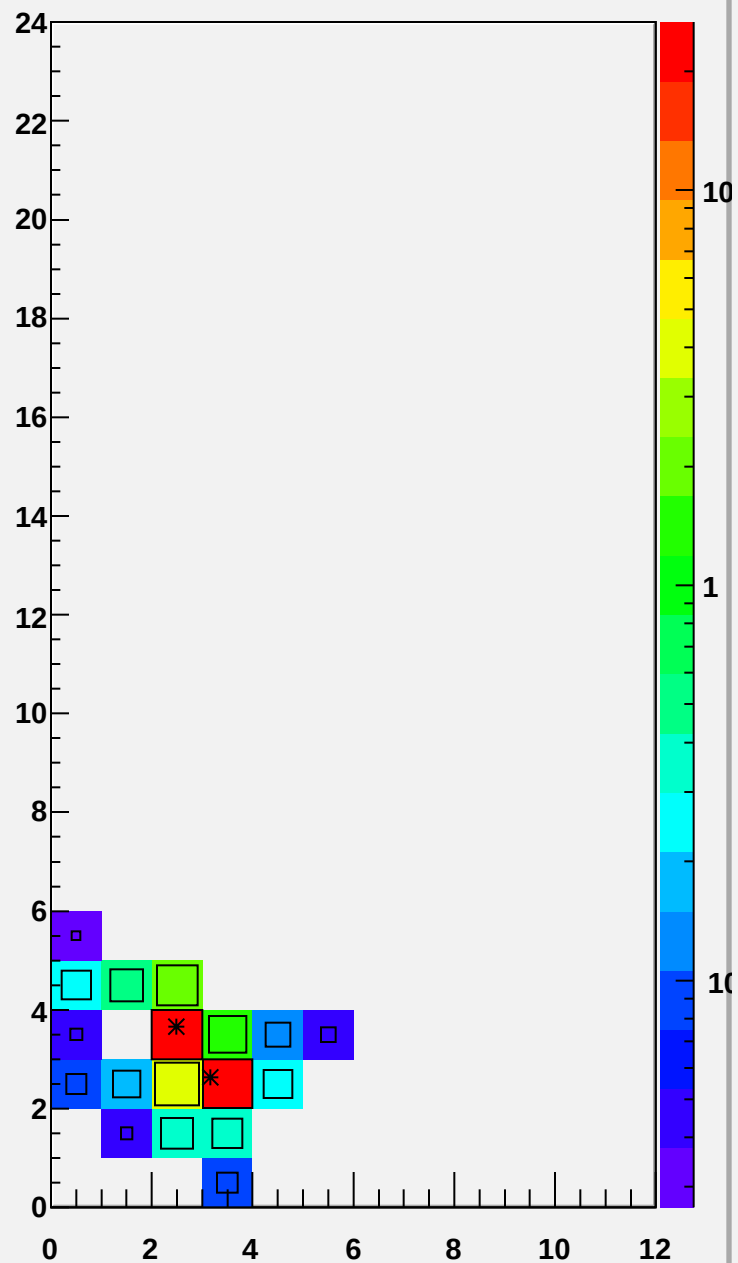
Mean x 2.918

Mean y 9.712

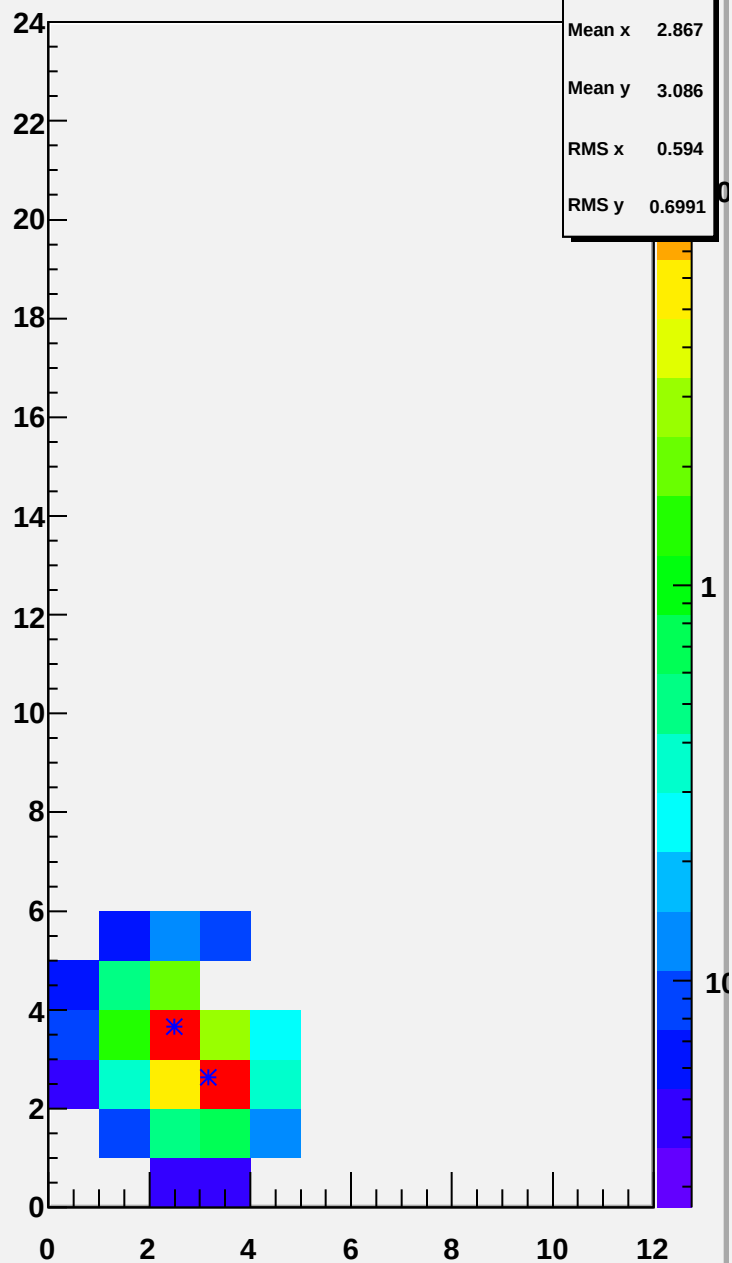
RMS x 2.127

RMS y 7.221

NSTB3_r4_c3_En=58.2_m0=0.211 m1=0.211 index=653



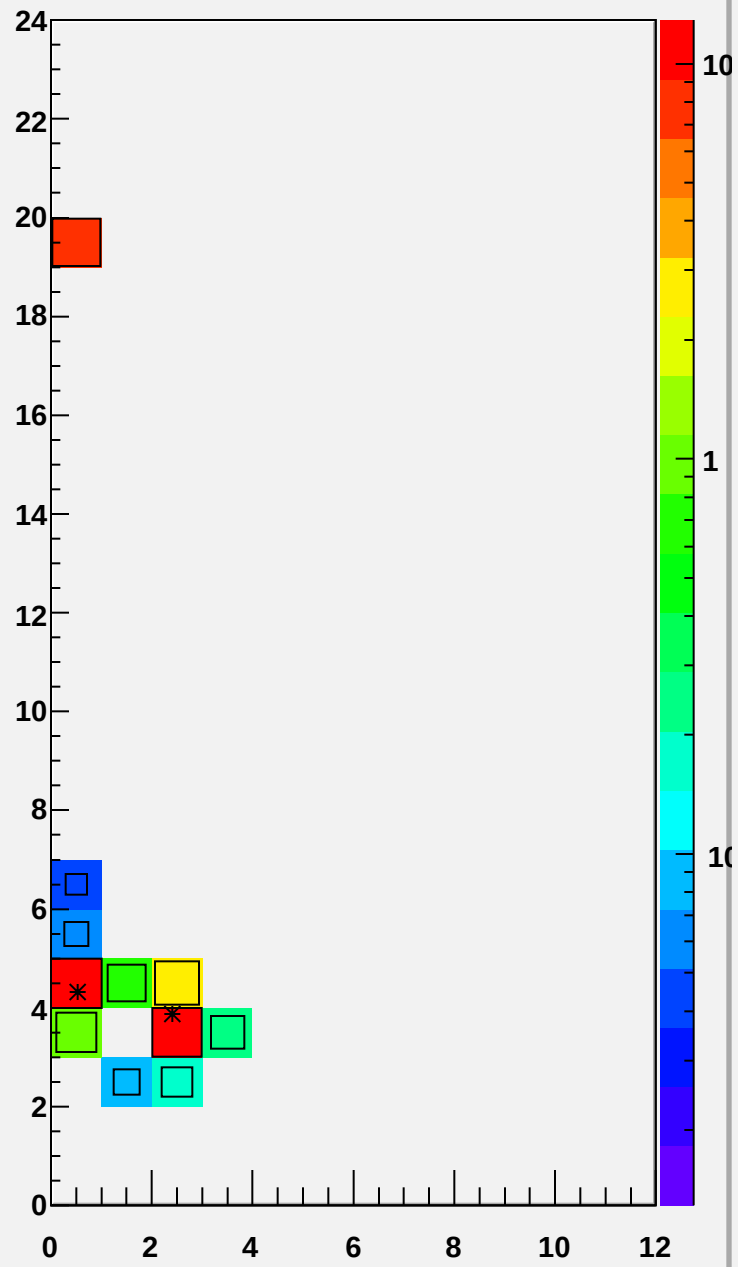
Fitted Energies



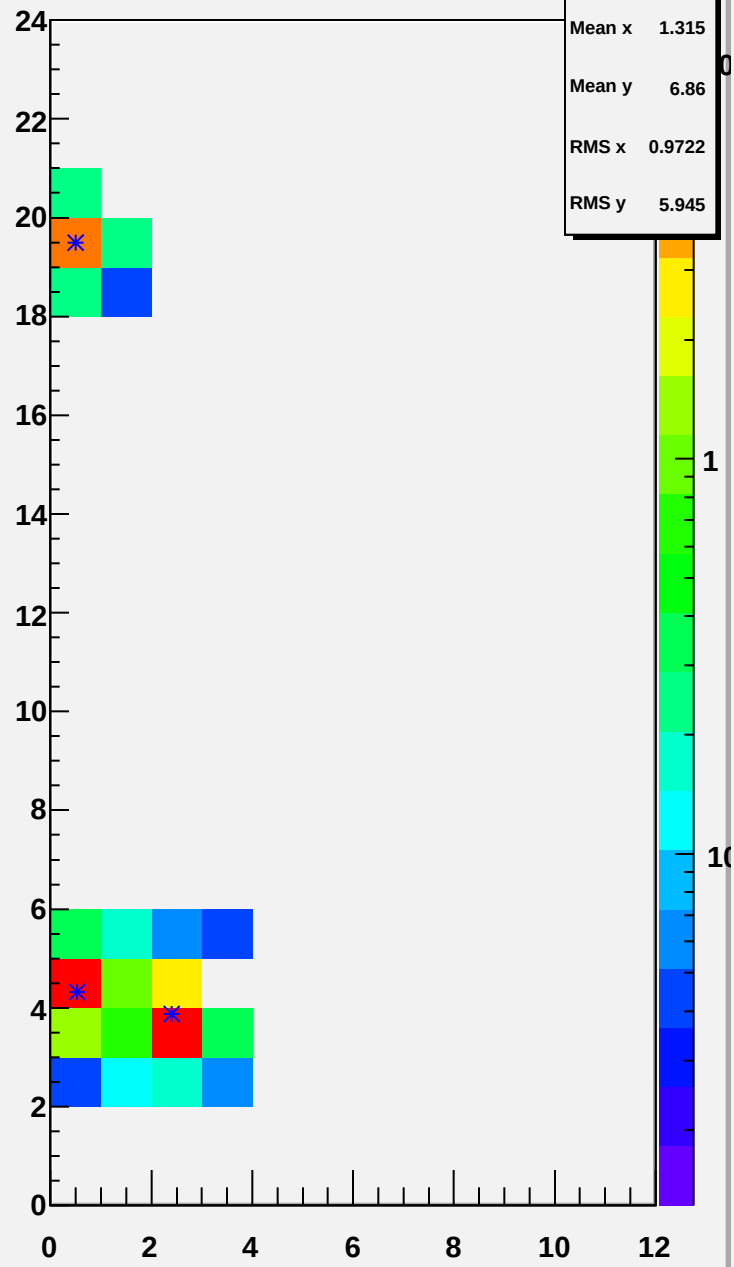
Efit

Entries	288
Mean x	2.867
Mean y	3.086
RMS x	0.594
RMS y	0.6991

NSTB3_r4_c3_En=34.6_m0=0.163 m1=0.163 index=654



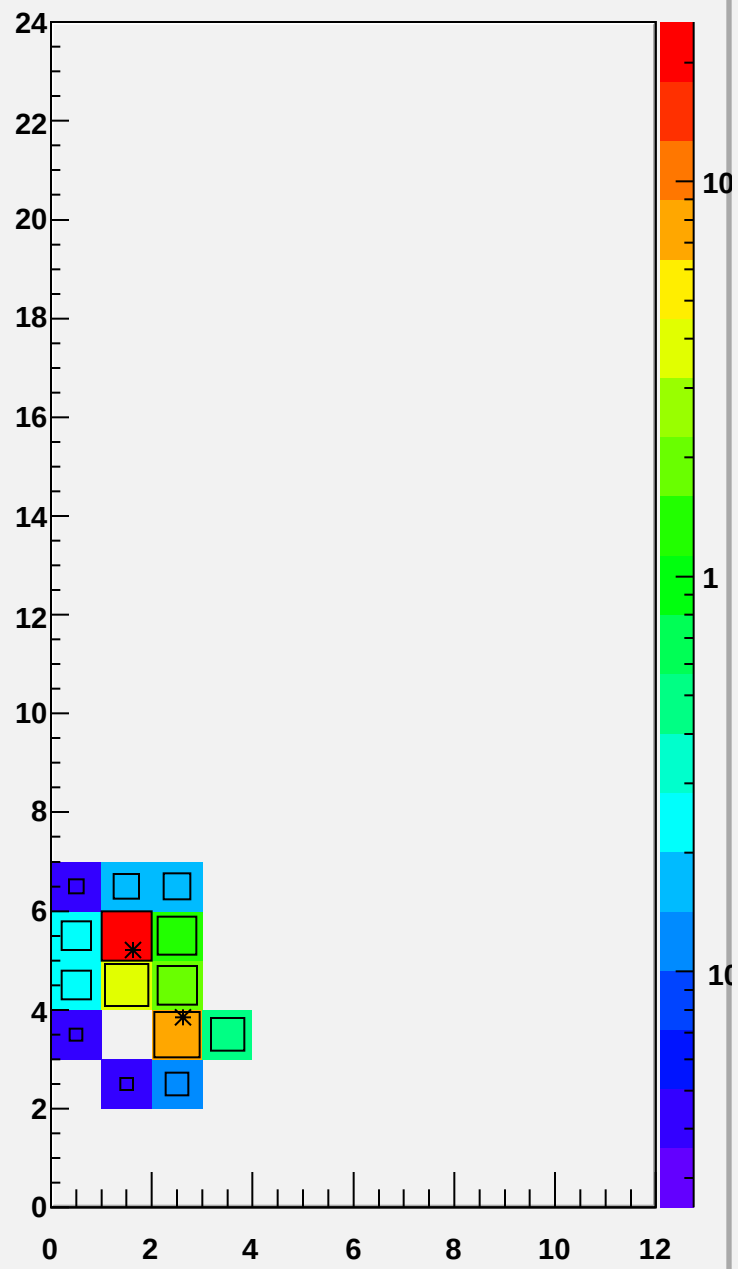
Fitted Energies



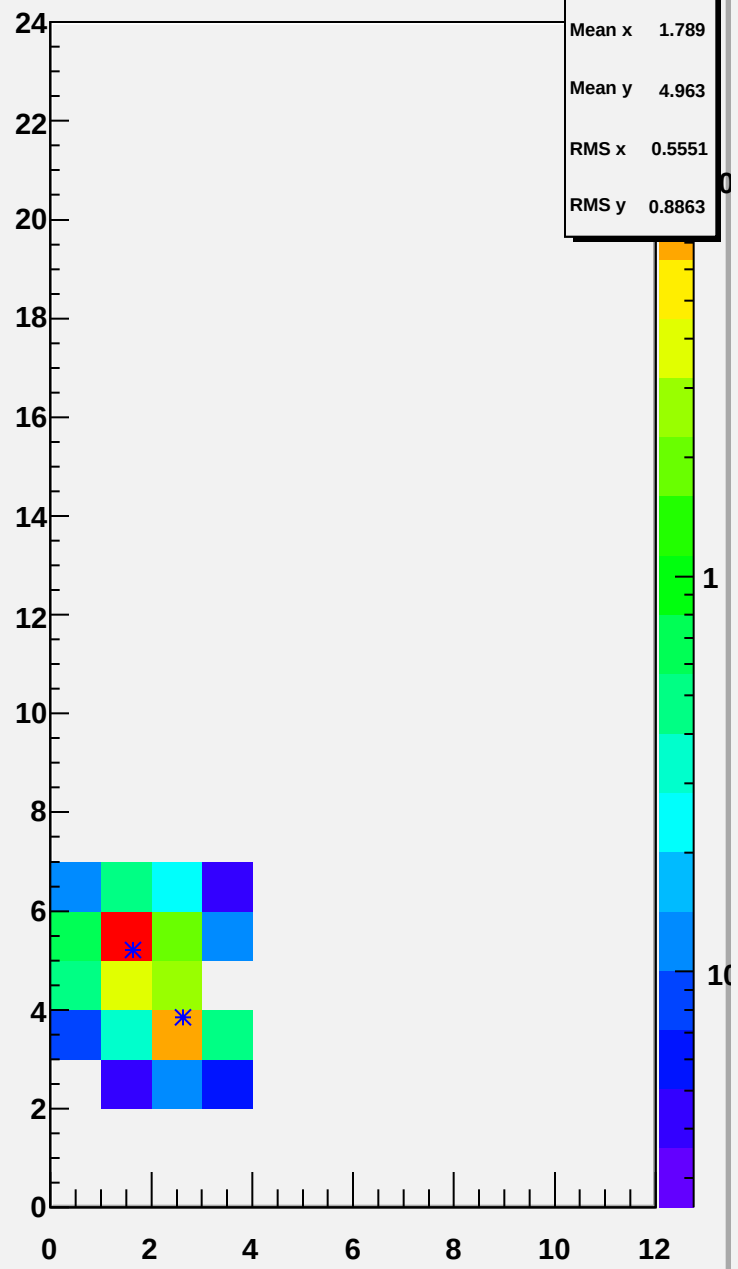
Efit

Entries	288
Mean x	1.315
Mean y	6.86
RMS x	0.9722
RMS y	5.945

NSTB3_r4_c3_En=41.6_m0=0.180 m1=0.180 index=655



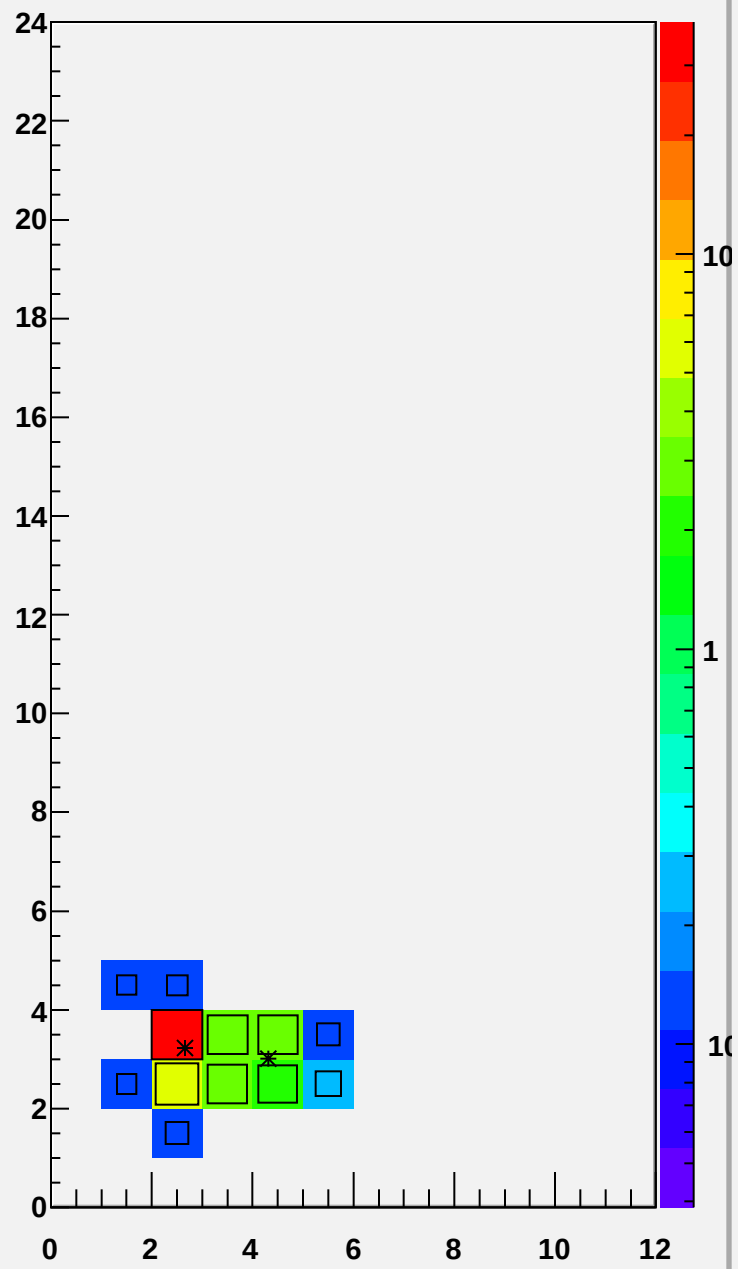
Fitted Energies



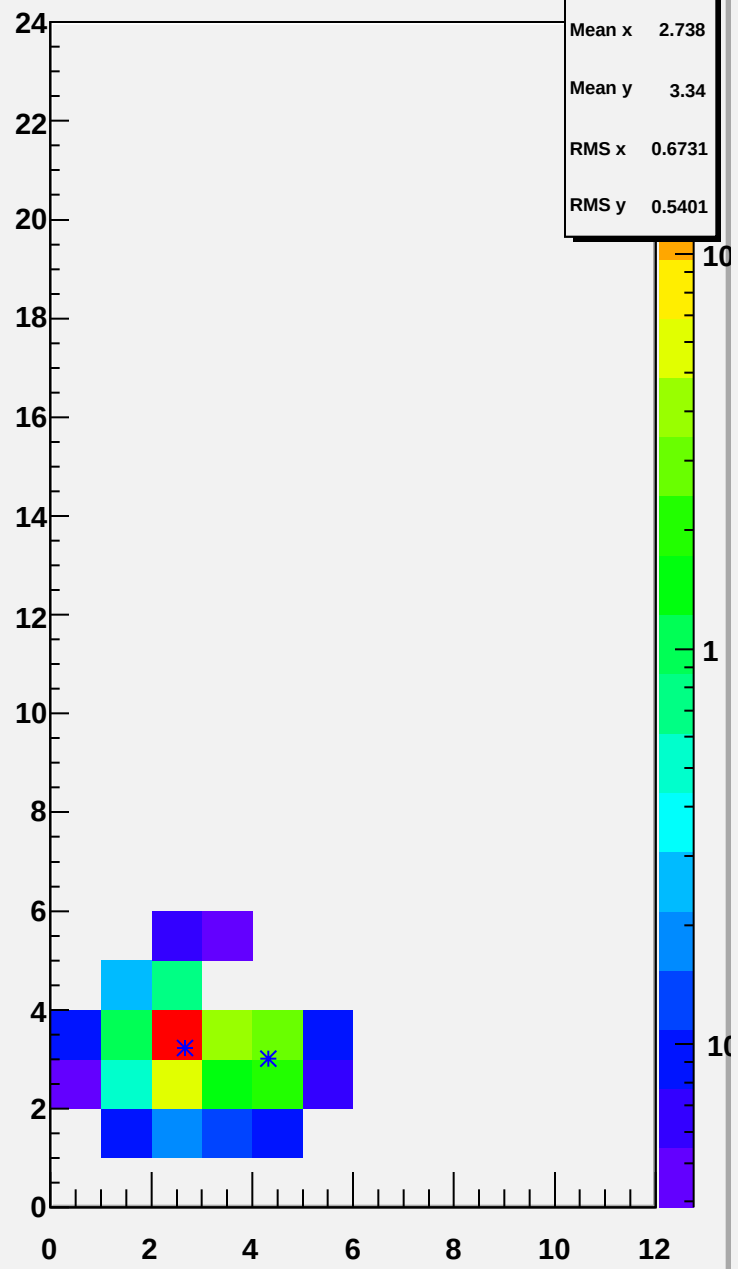
Efit

Entries	288
Mean x	1.789
Mean y	4.963
RMS x	0.5551
RMS y	0.8863

NSTB3_r4_c3_En=54.5_m0=0.152 m1=0.152 index=656



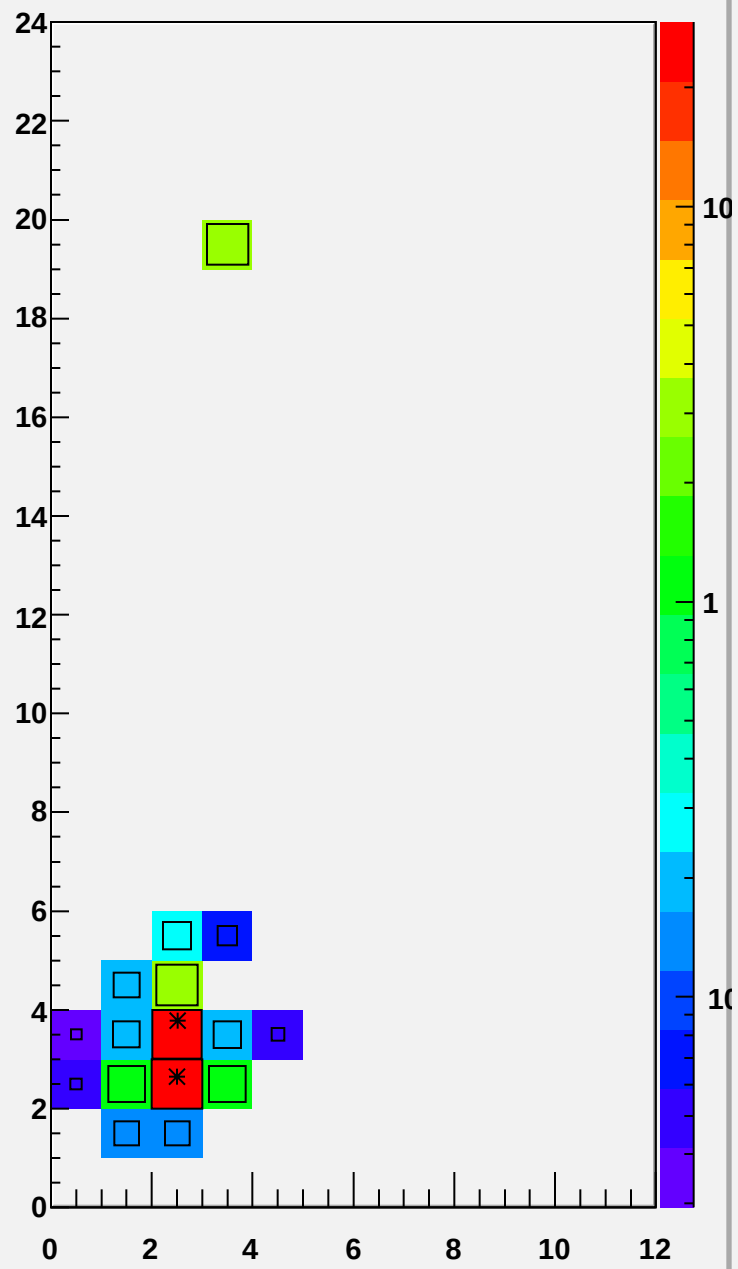
Fitted Energies



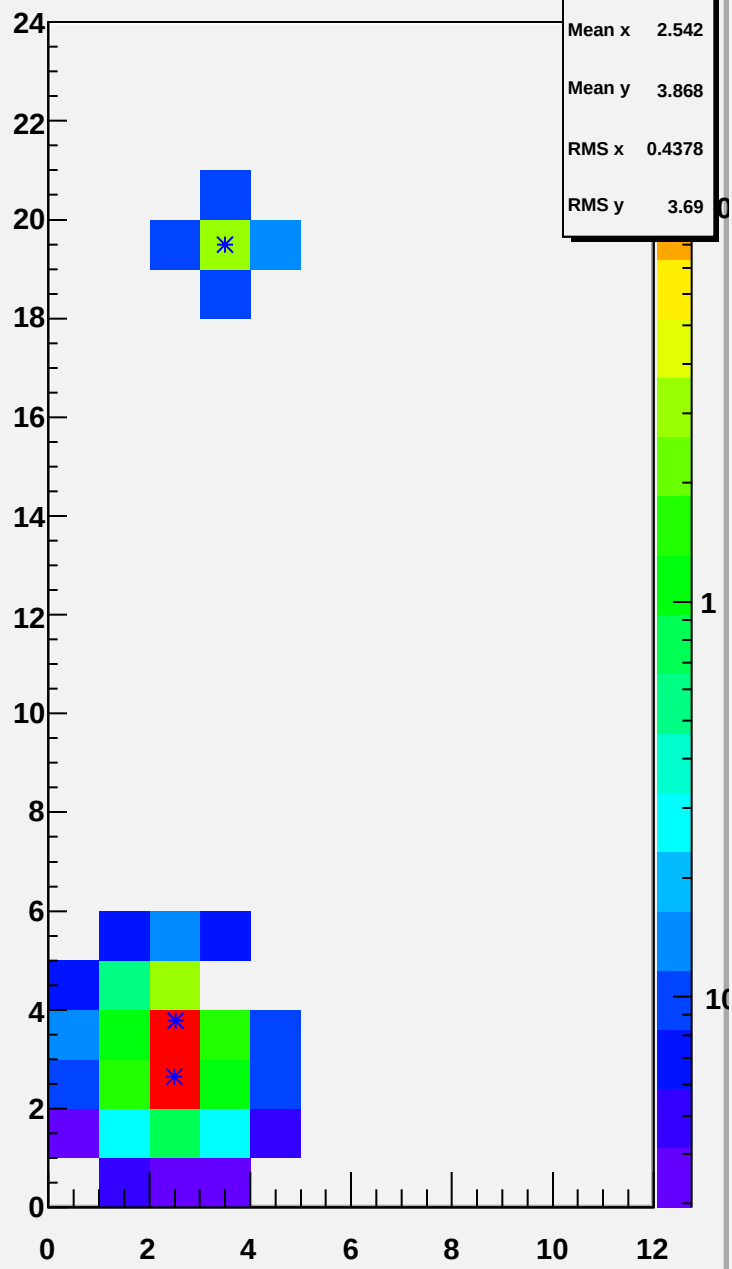
Efit

Entries	288
Mean x	2.738
Mean y	3.34
RMS x	0.6731
RMS y	0.5401

NSTB3_r4_c3_En=64.6_m0=0.188 m1=0.188 index=657



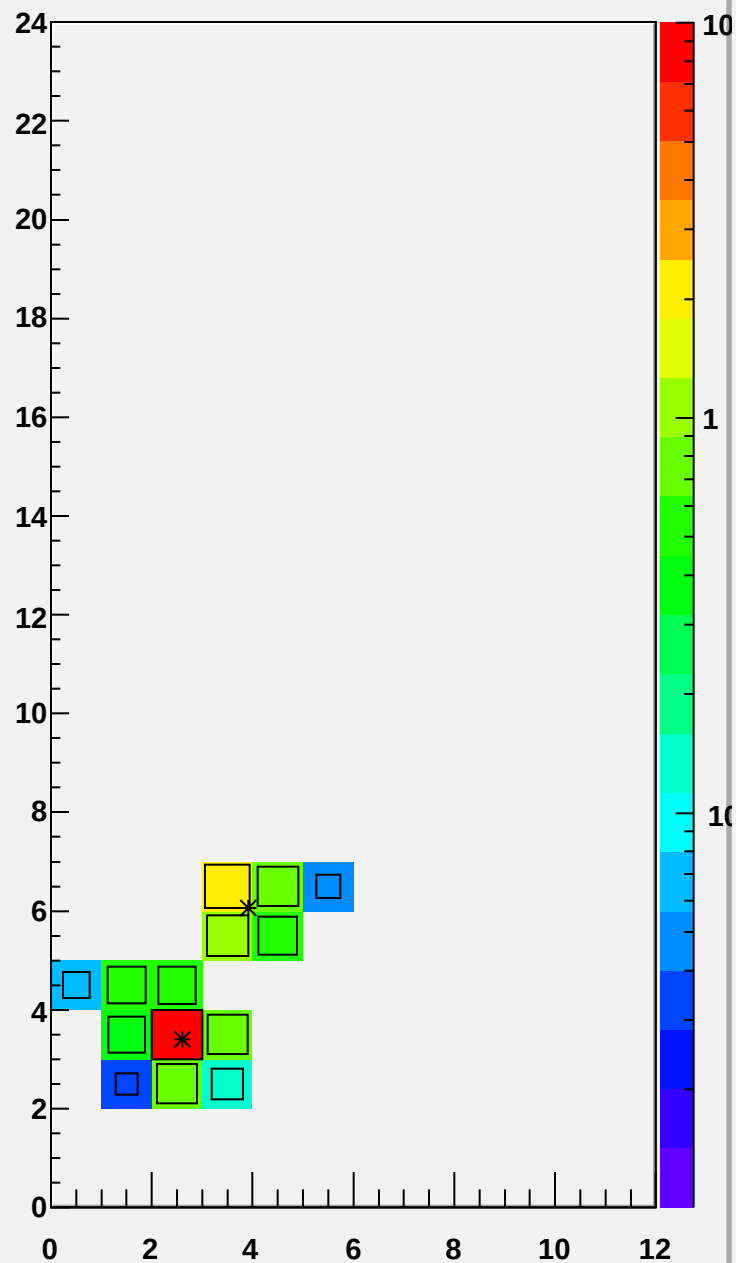
Fitted Energies



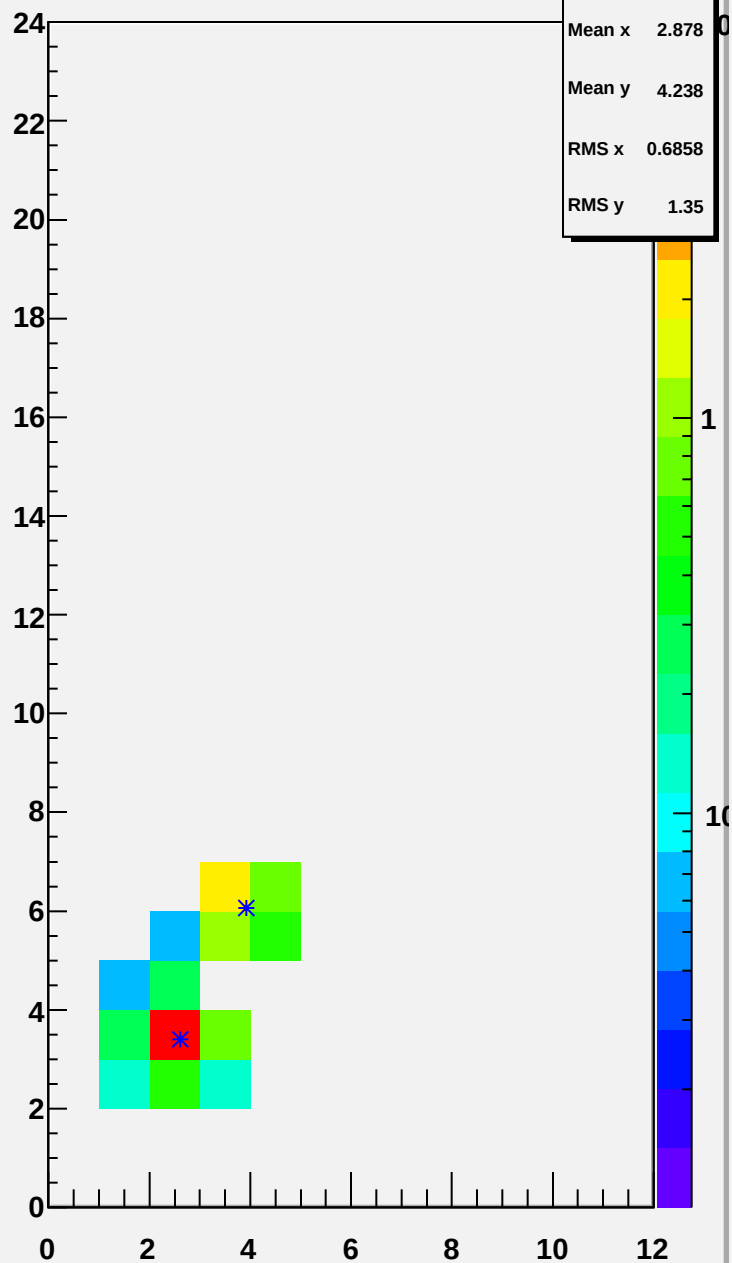
Efit

Entries	288
Mean x	2.542
Mean y	3.868
RMS x	0.4378
RMS y	3.69

NSTB3_r4_c3_En=18.0_m0=0.131 m1=0.131 index=658



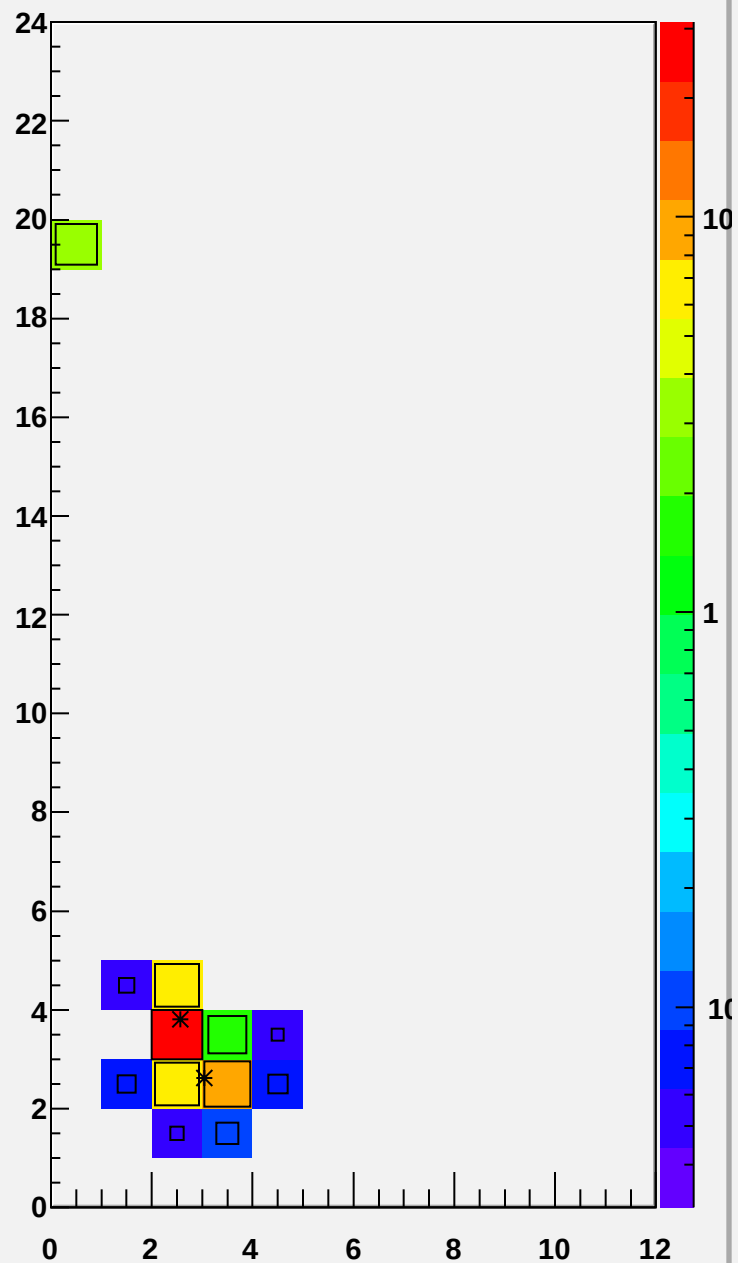
Fitted Energies



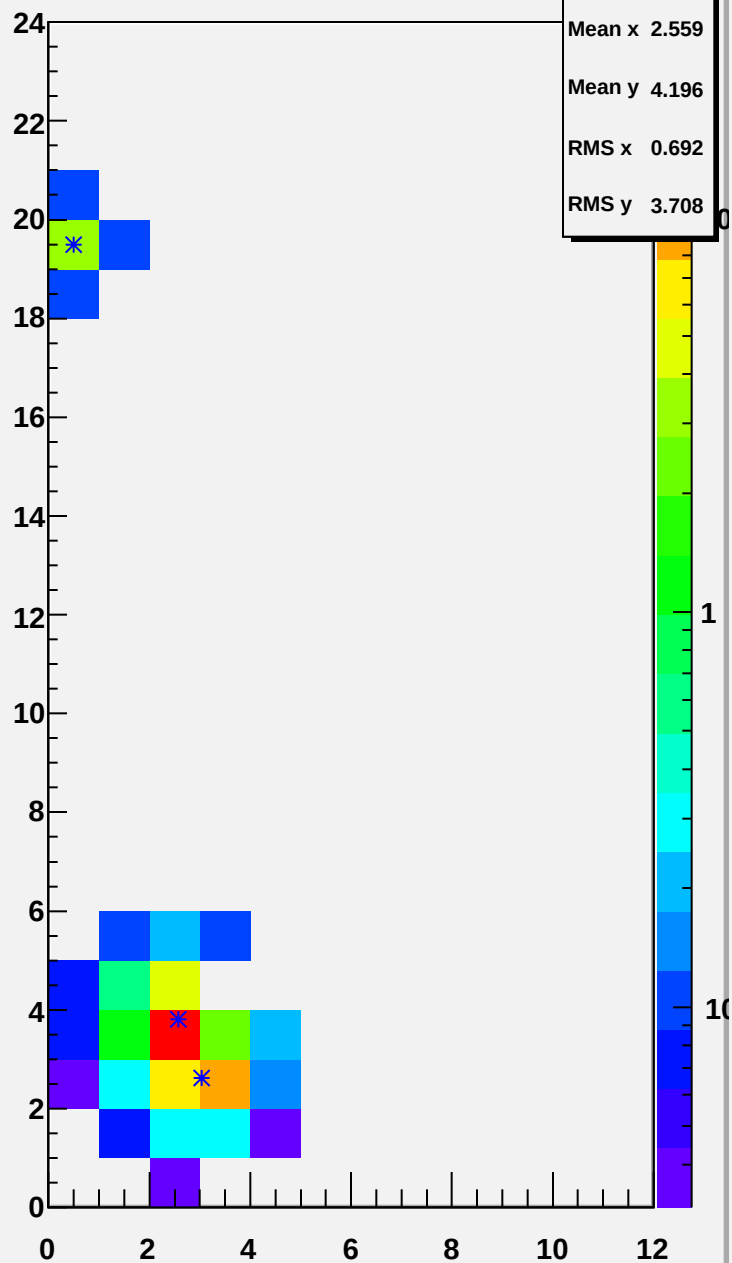
Efit

Entries	288
Mean x	2.878
Mean y	4.238
RMS x	0.6858
RMS y	1.35

NSTB3_r4_c3_En=57.3_m0=0.179 m1=0.178 index=659



Fitted Energies



Efit

Entries 288

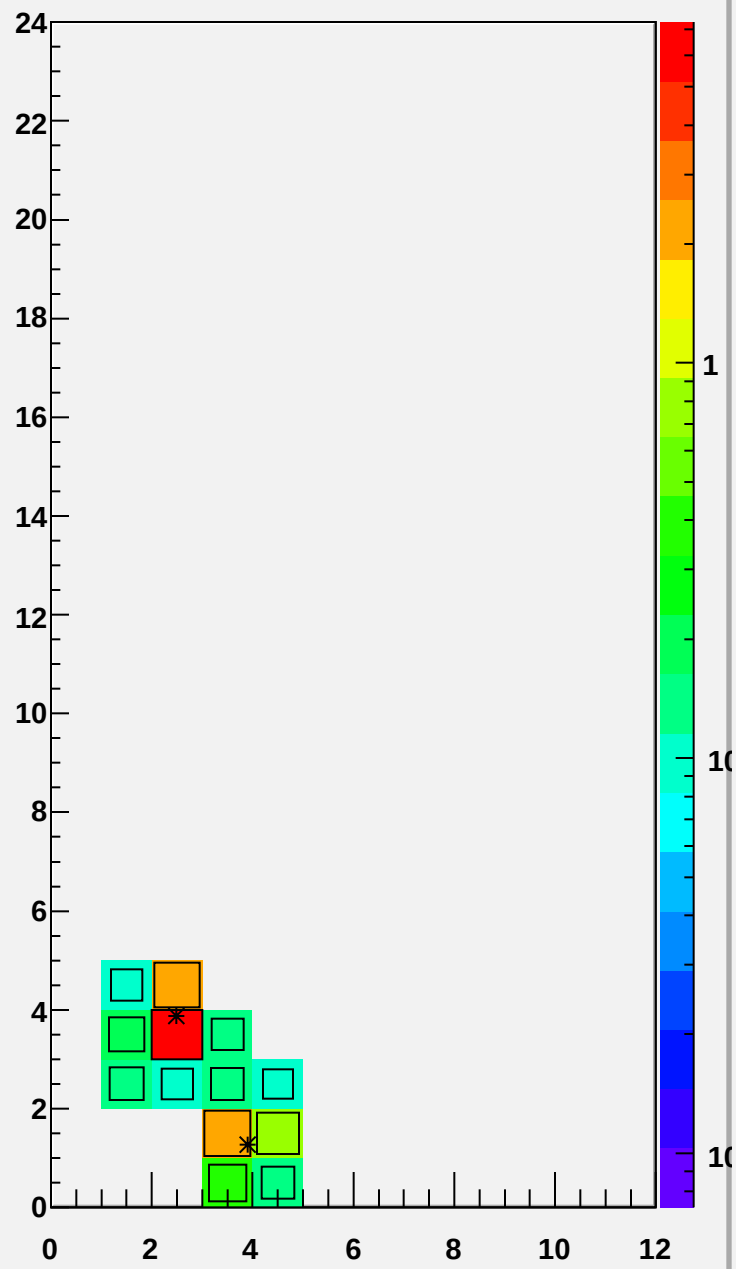
Mean x 2.559

Mean y 4.196

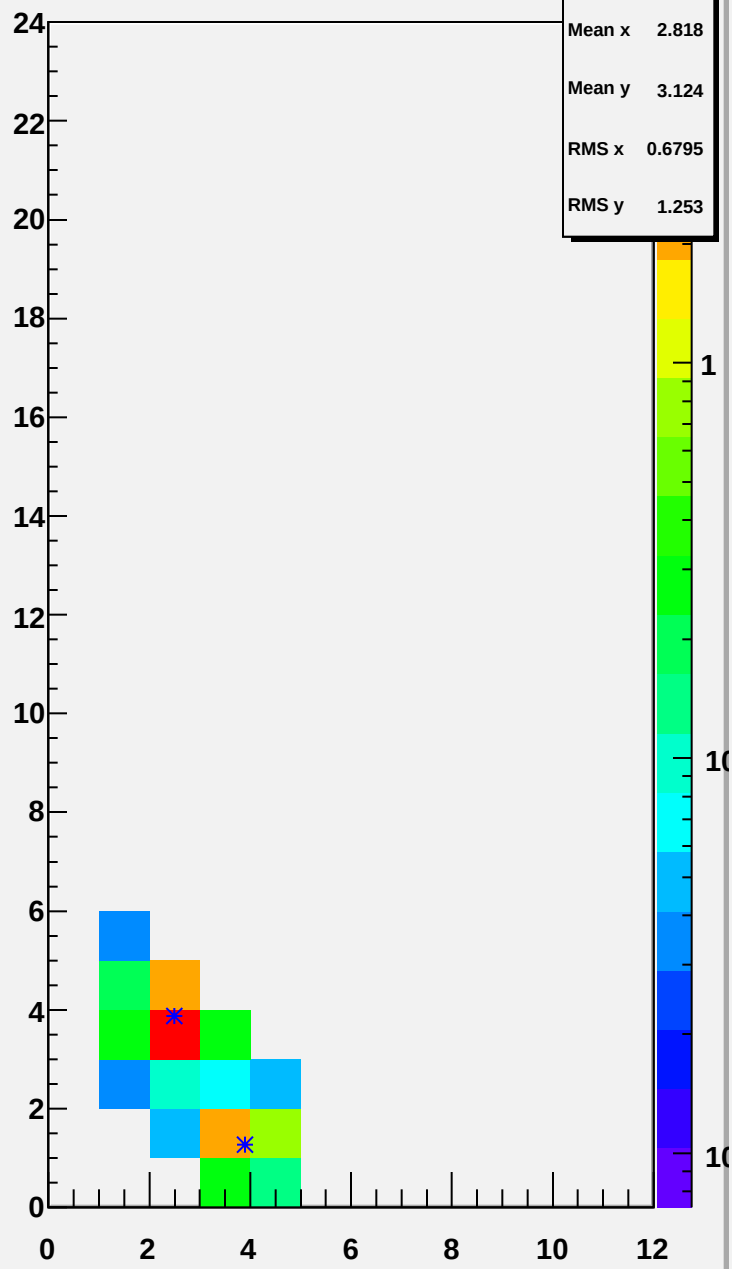
RMS x 0.692

RMS y 3.708

NSTB3_r4_c3_En=14.0_m0=0.106_m1=0.106_index=660



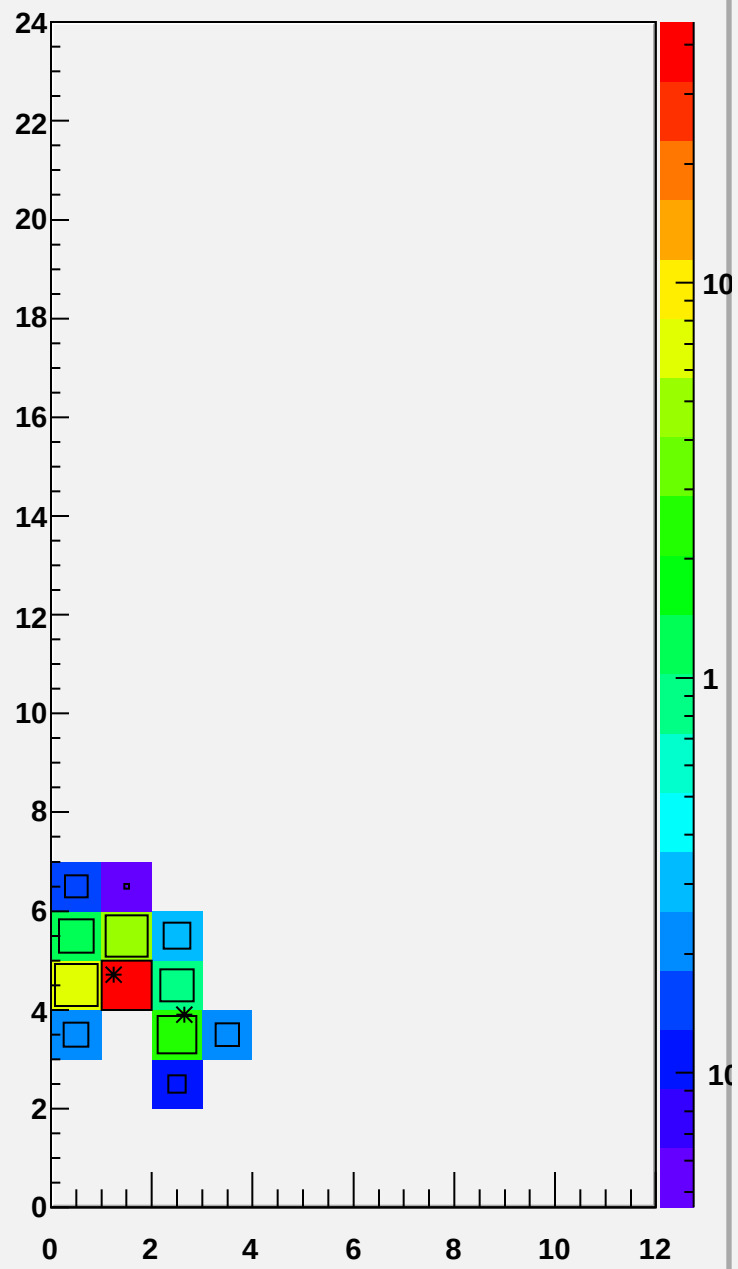
Fitted Energies



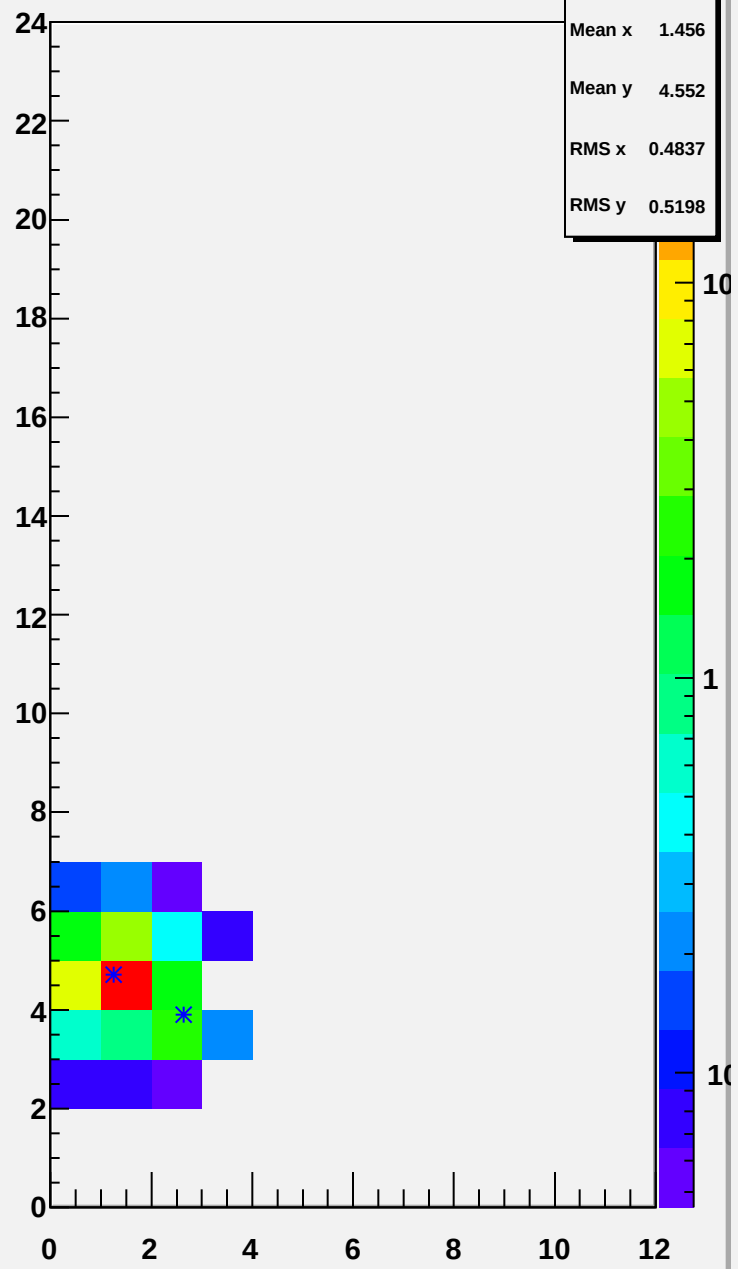
Efit

Entries	288
Mean x	2.818
Mean y	3.124
RMS x	0.6795
RMS y	1.253

NSTB3_r4_c3_En=63.6_m0=0.138 m1=0.138 index=662



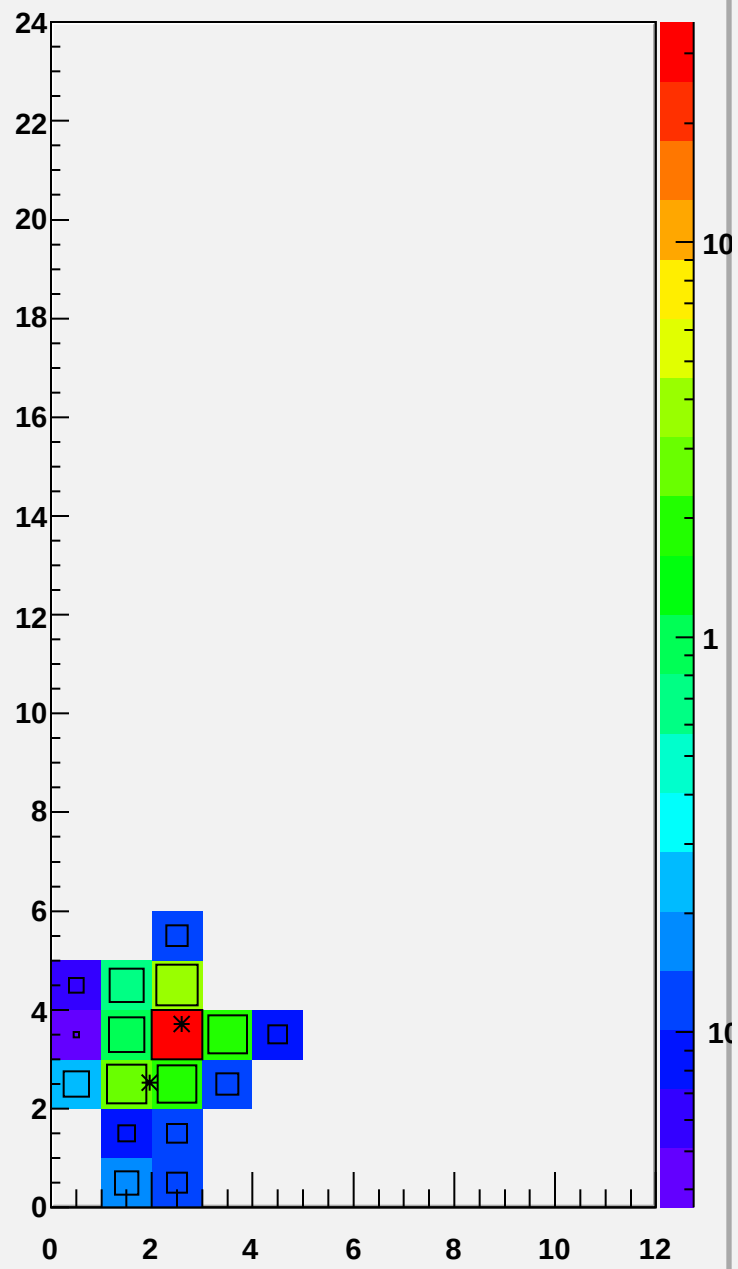
Fitted Energies



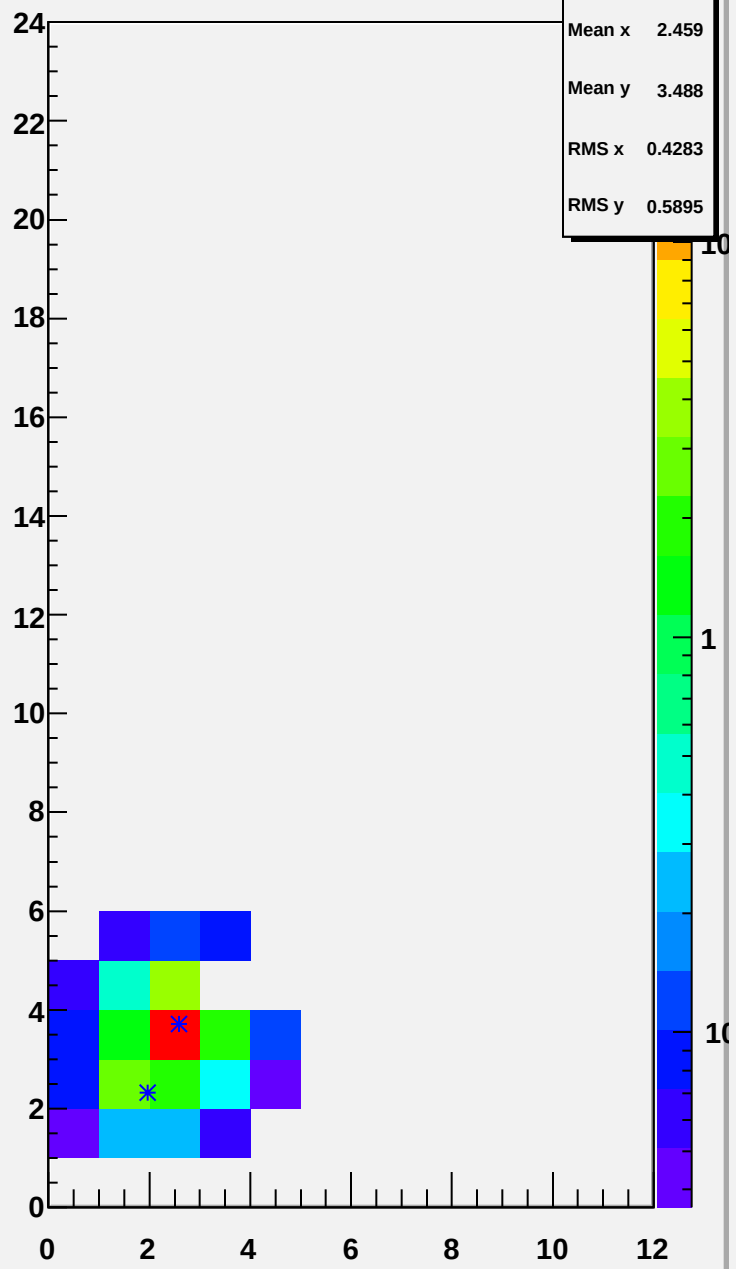
Efit

Entries	288
Mean x	1.456
Mean y	4.552
RMS x	0.4837
RMS y	0.5198

NSTB3_r4_c3_En=49.2_m0=0.098 m1=0.114 index=663



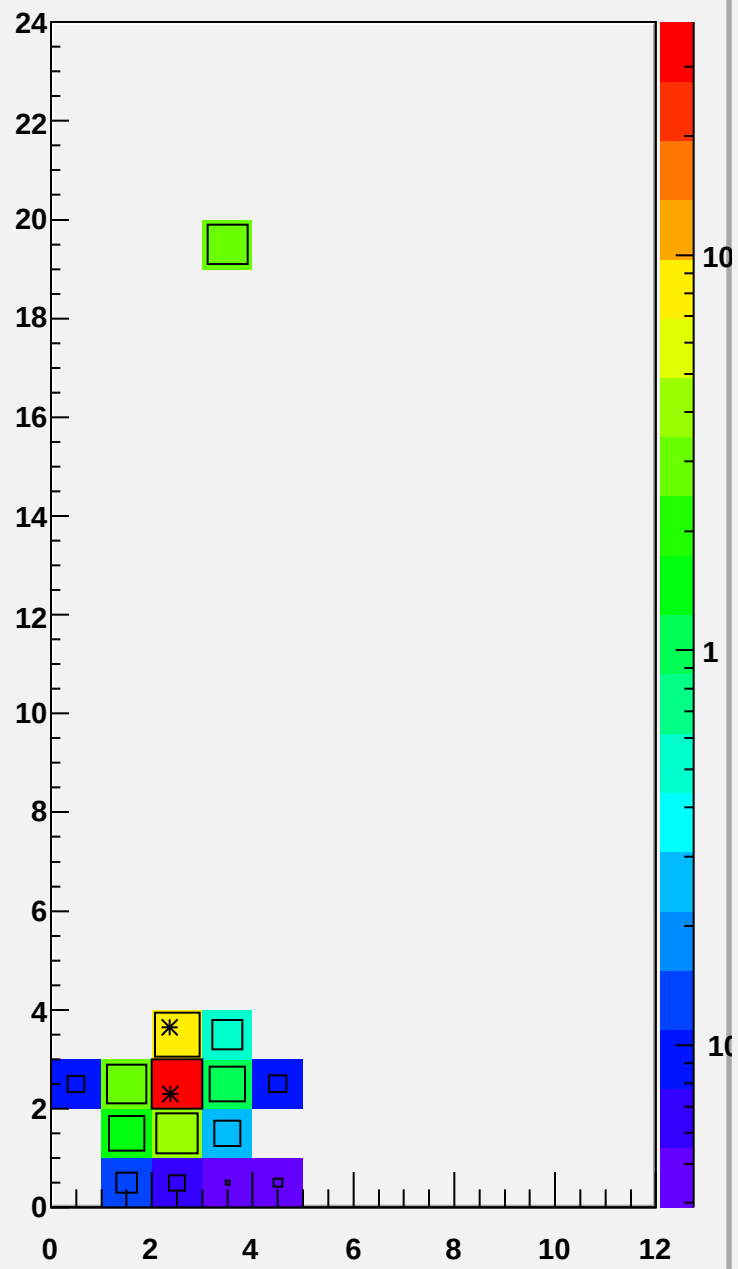
Fitted Energies



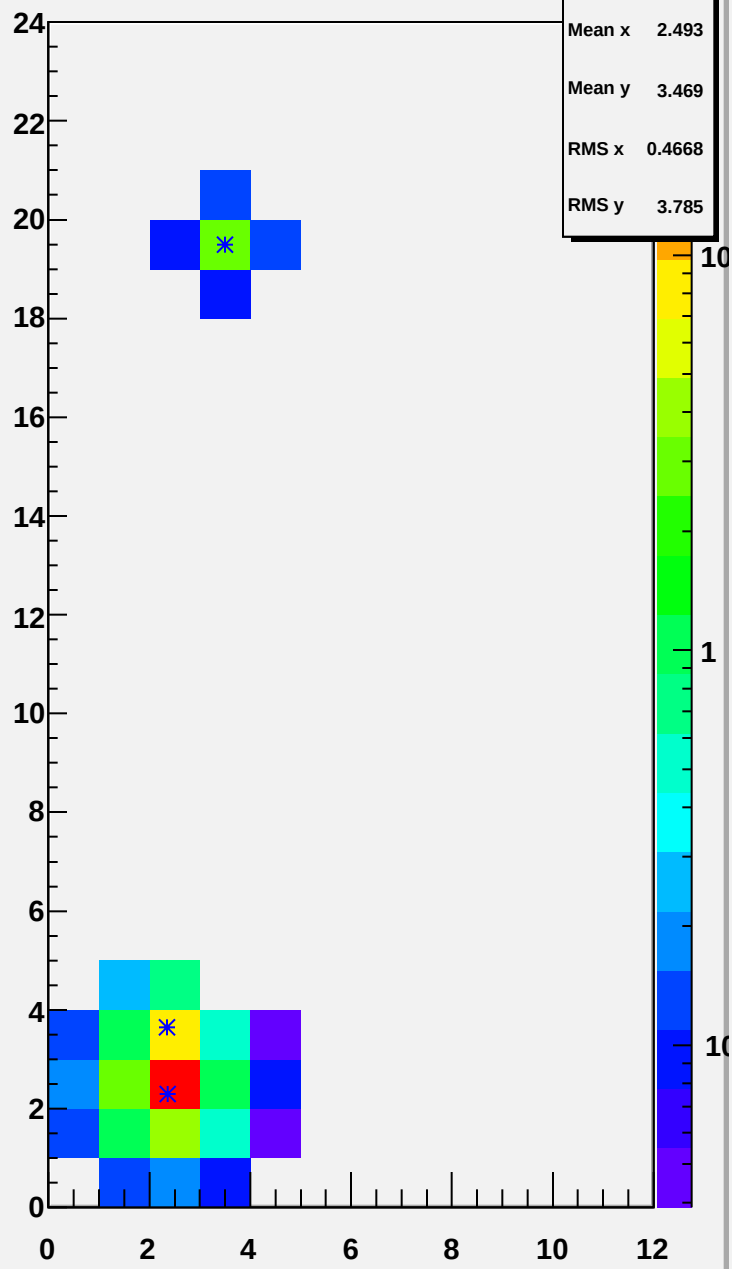
Efit

Entries	288
Mean x	2.459
Mean y	3.488
RMS x	0.4283
RMS y	0.5895

NSTB3_r4_c3_En=61.0_m0=0.164_m1=0.165_index=664



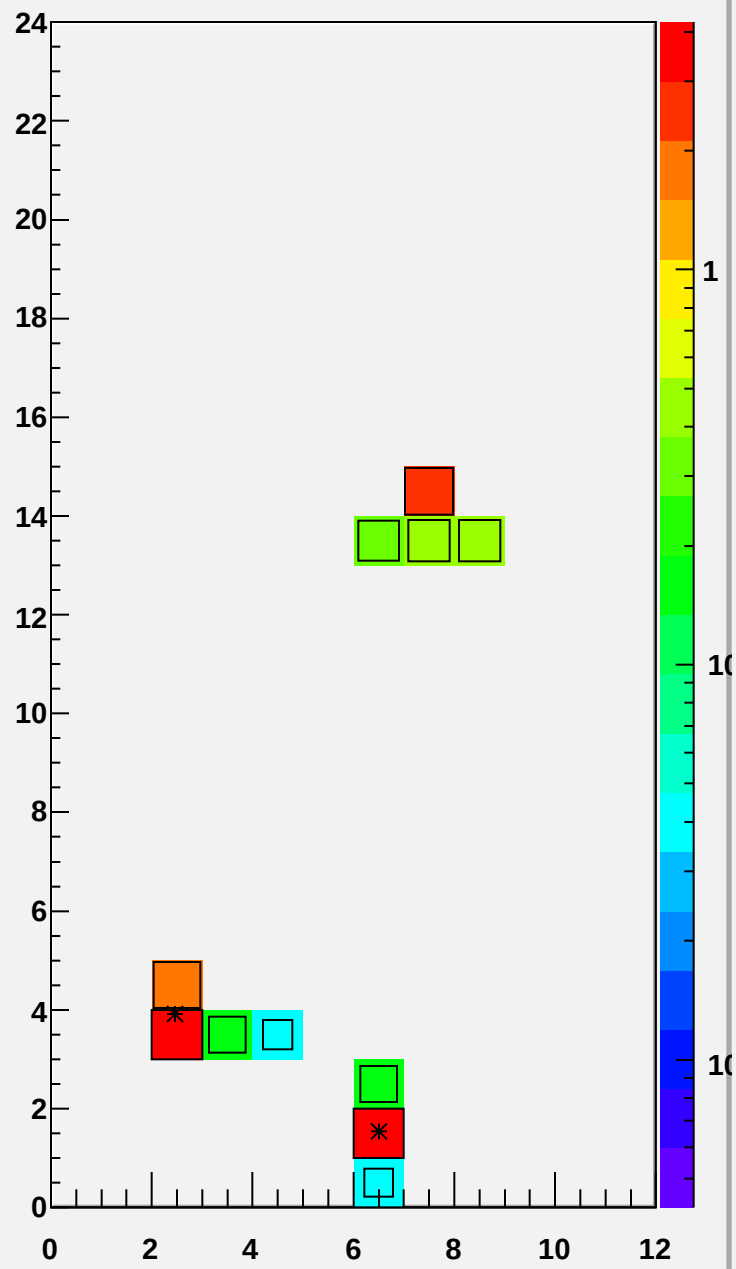
Fitted Energies



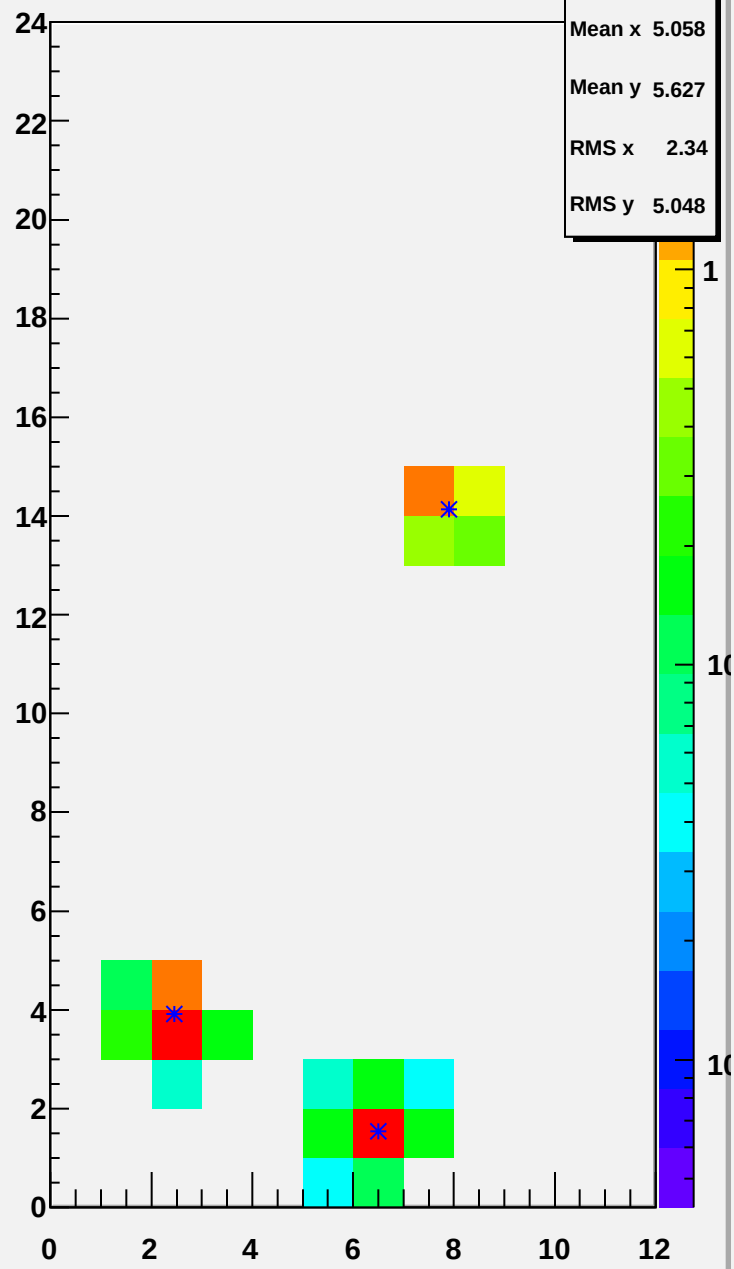
Efit

Entries	288
Mean x	2.493
Mean y	3.469
RMS x	0.4668
RMS y	3.785

NSTB3_r4_c3_En=13.8_m0=0.145 m1=0.144 index=665



Fitted Energies



Efit

Entries 288

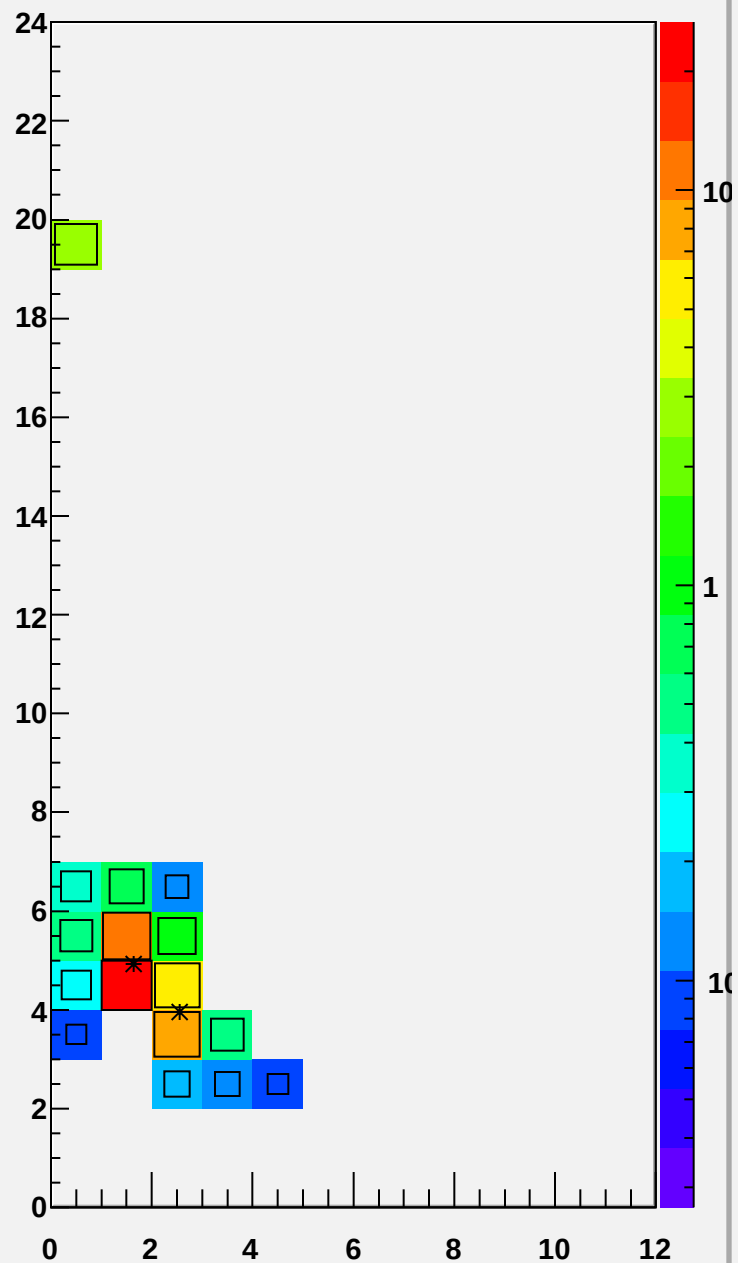
Mean x 5.058

Mean y 5.627

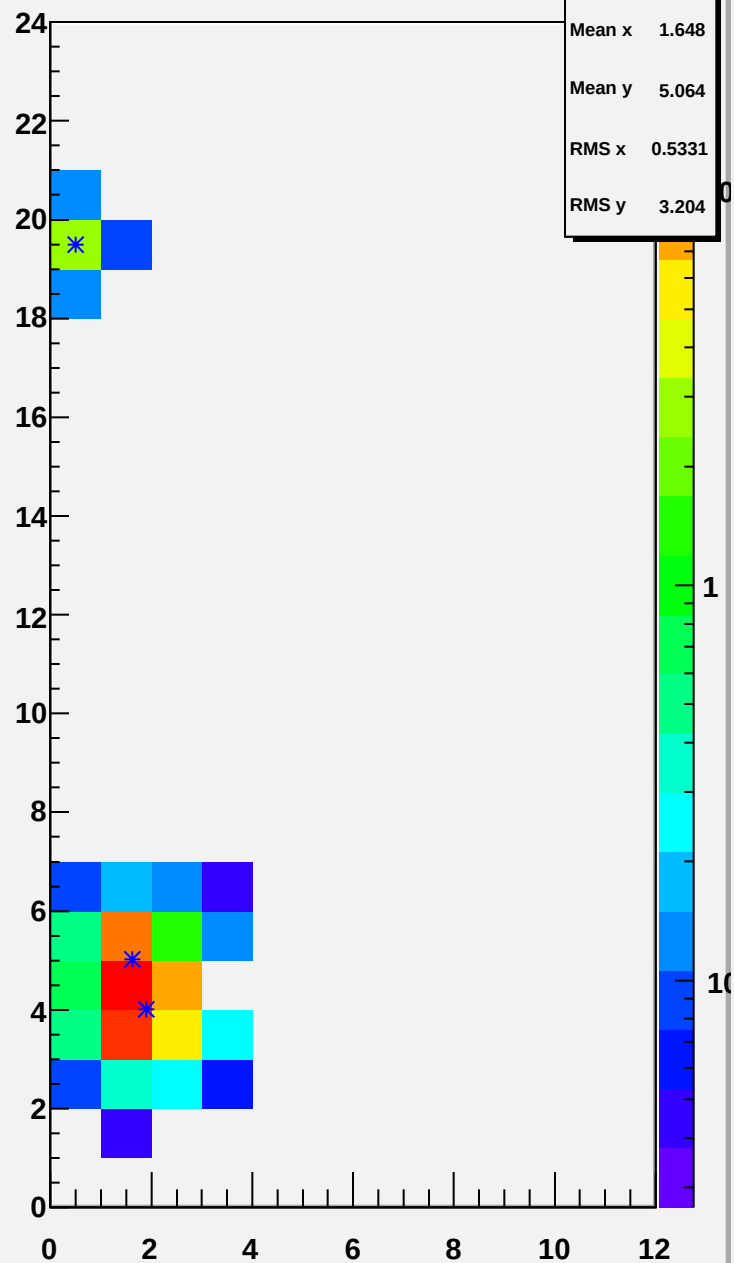
RMS x 2.34

RMS y 5.048

NSTB3_r4_c3_En=59.4_m0=0.179_m1=0.190_index=669



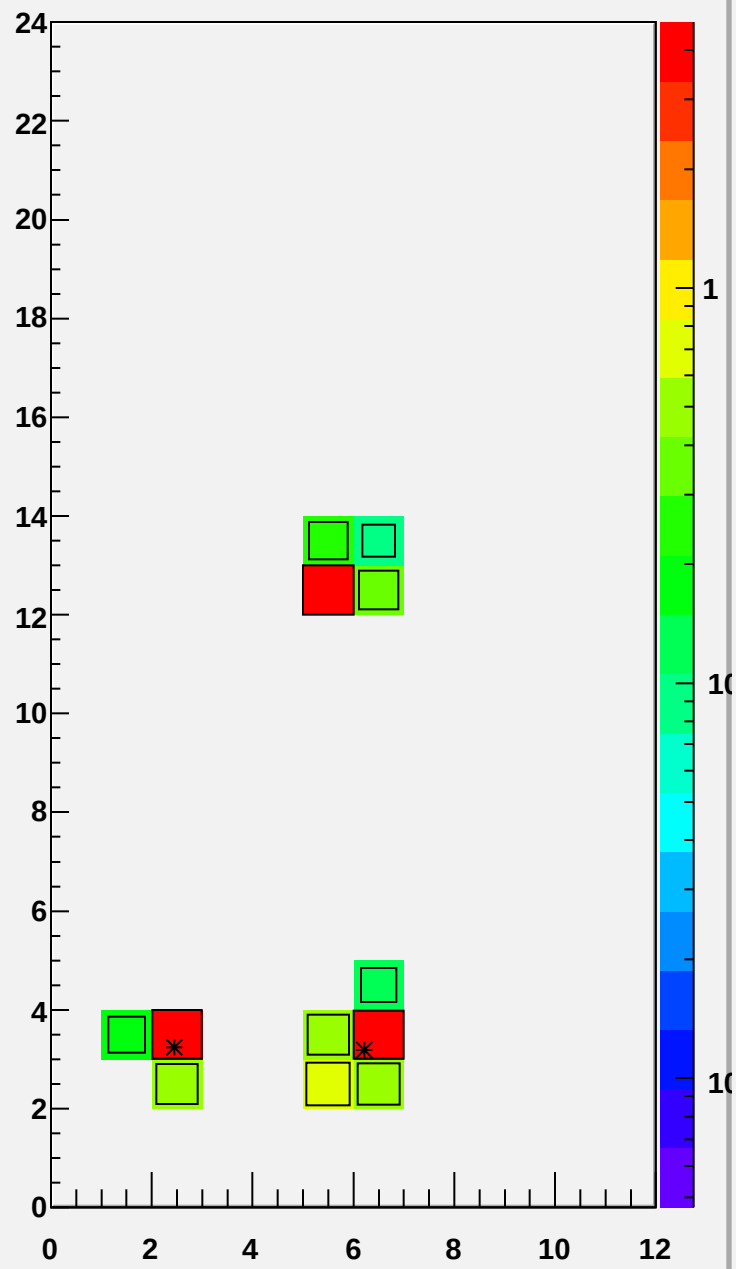
Fitted Energies



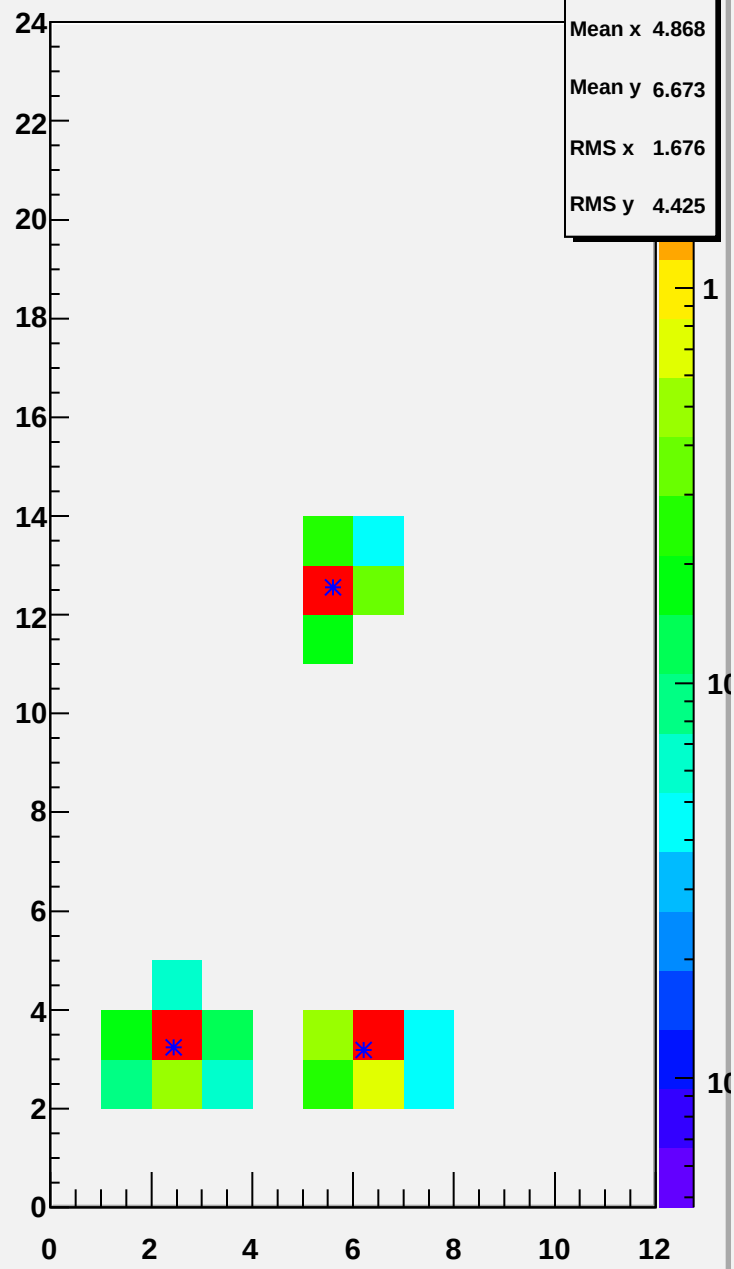
Efit

Entries	288
Mean x	1.648
Mean y	5.064
RMS x	0.5331
RMS y	3.204

NSTB3_r4_c3_En=15.2_m0=0.104_m1=0.104_index=670



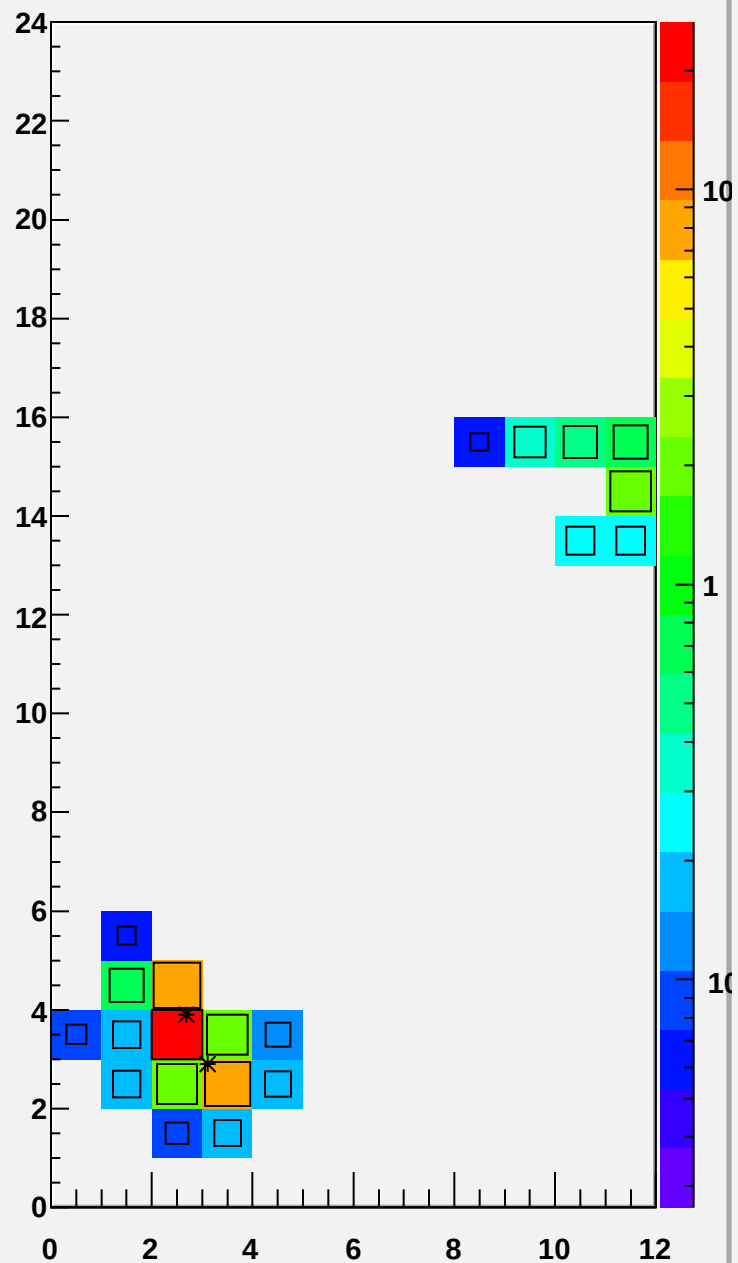
Fitted Energies



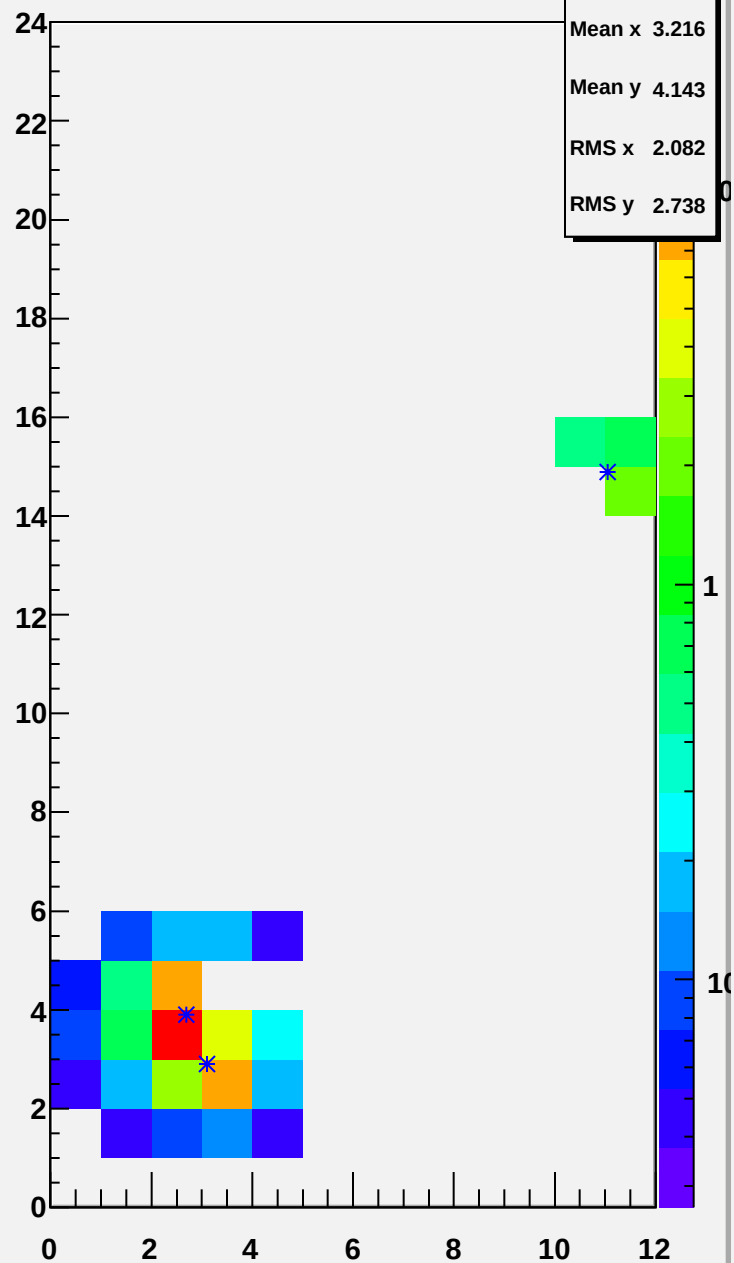
Efit

Entries 288
Mean x 4.868
Mean y 6.673
RMS x 1.676
RMS y 4.425

NSTB3_r4_c3_En=53.4_m0=0.140 m1=0.140 index=671



Fitted Energies



Efit

Entries 288

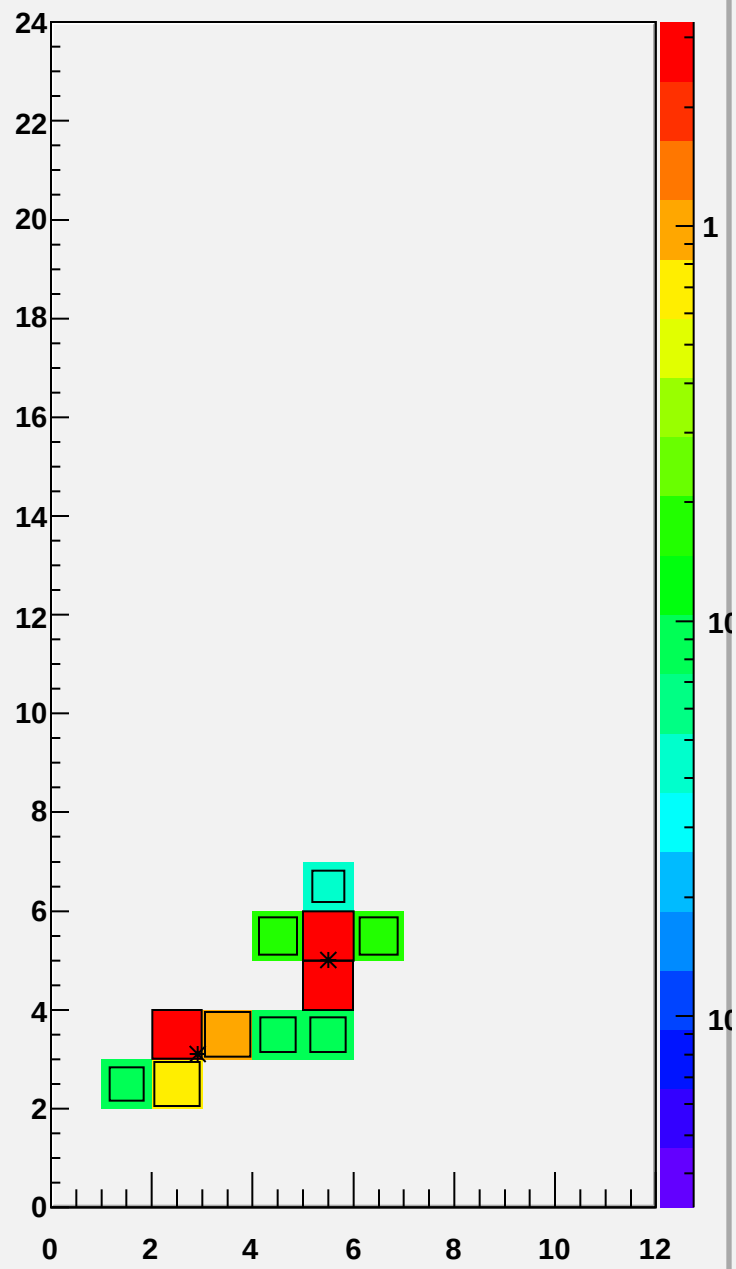
Mean x 3.216

Mean y 4.143

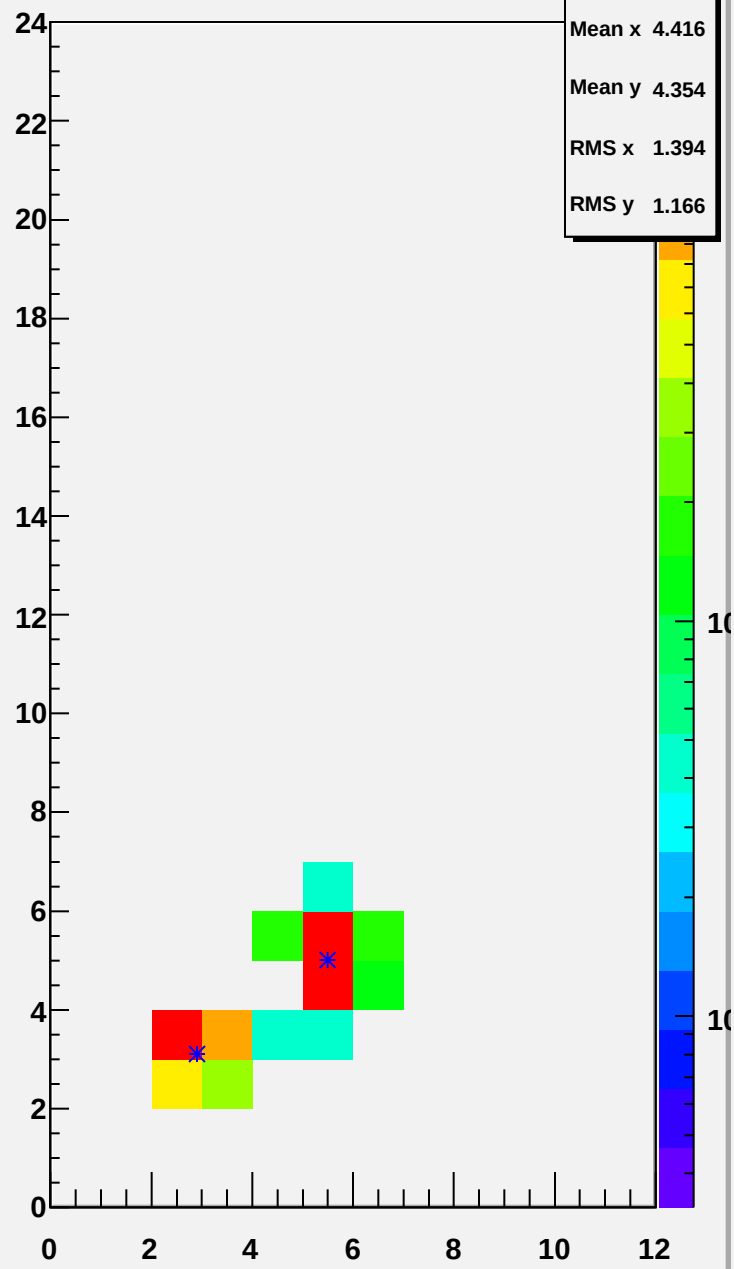
RMS x 2.082

RMS y 2.738

NSTB3_r4_c3_En=11.1_m0=0.106_m1=0.106_index=672



Fitted Energies



Efit

Entries 288

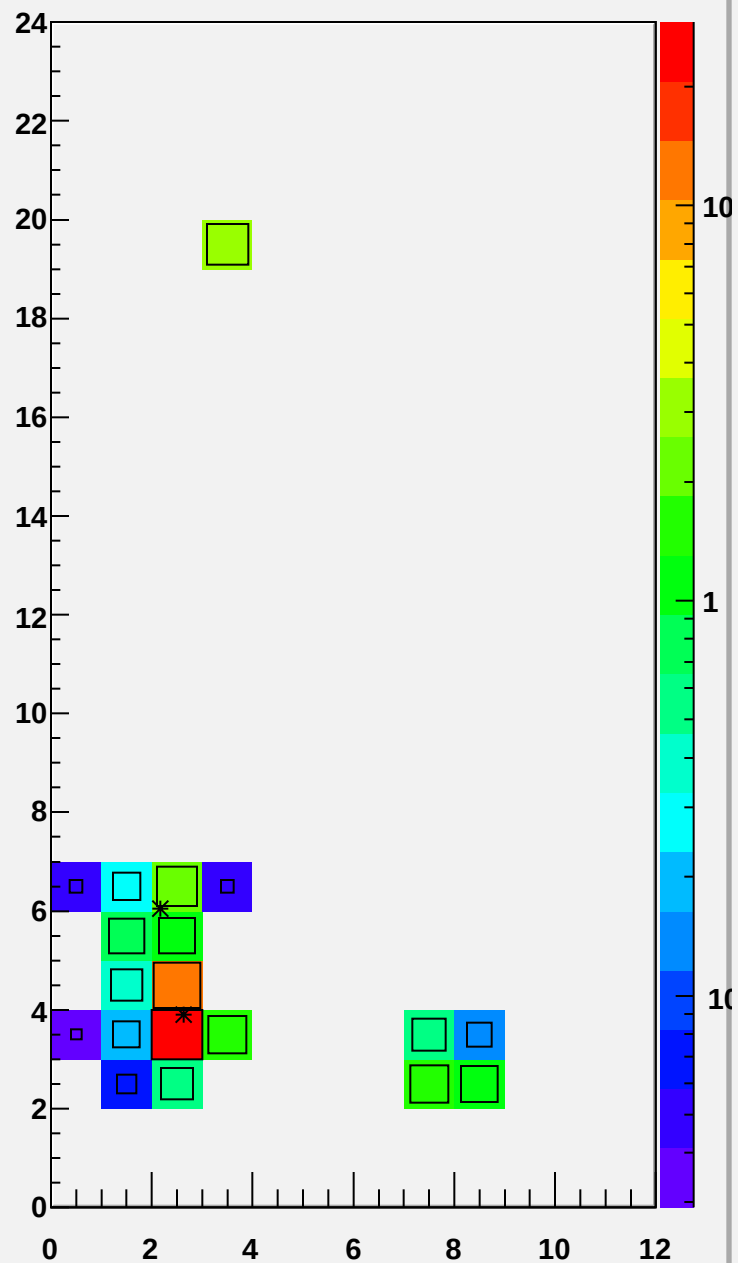
Mean x 4.416

Mean y 4.354

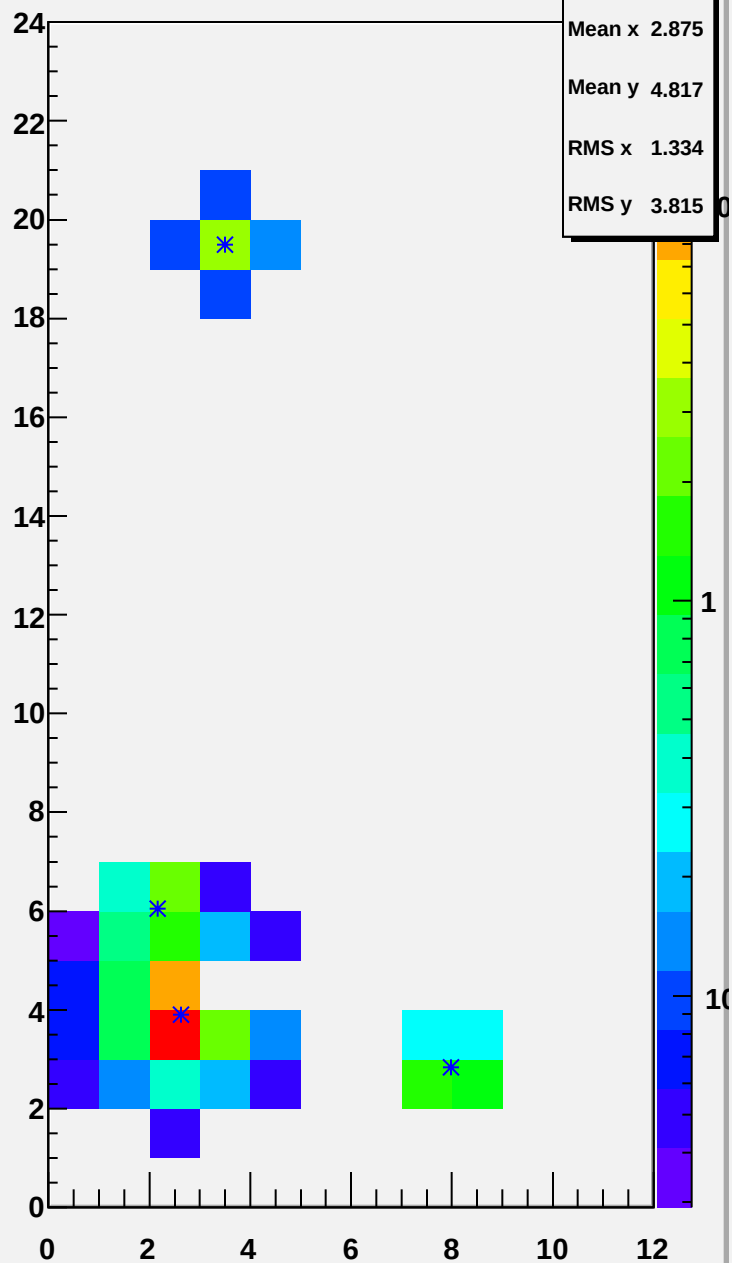
RMS x 1.394

RMS y 1.166

NSTB3_r4_c3_En=52.9_m0=0.167 m1=0.167 index=674



Fitted Energies



Efit

Entries 288

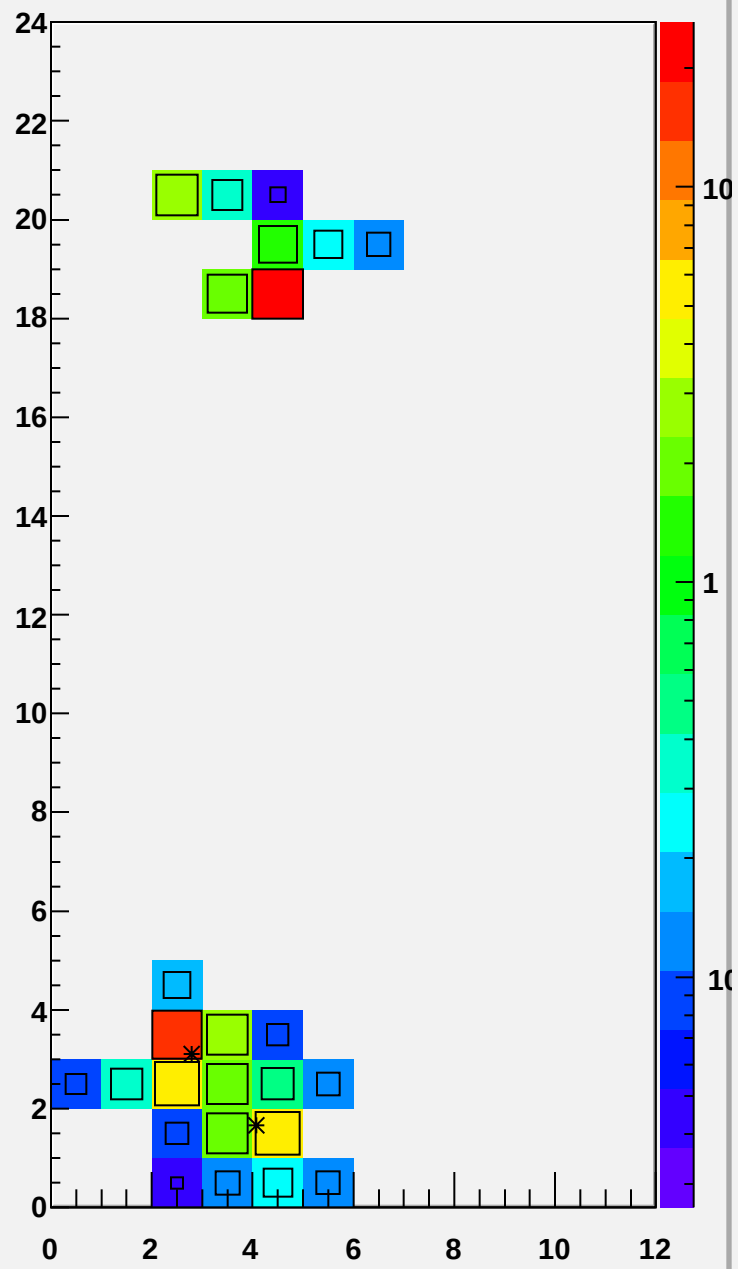
Mean x 2.875

Mean y 4.817

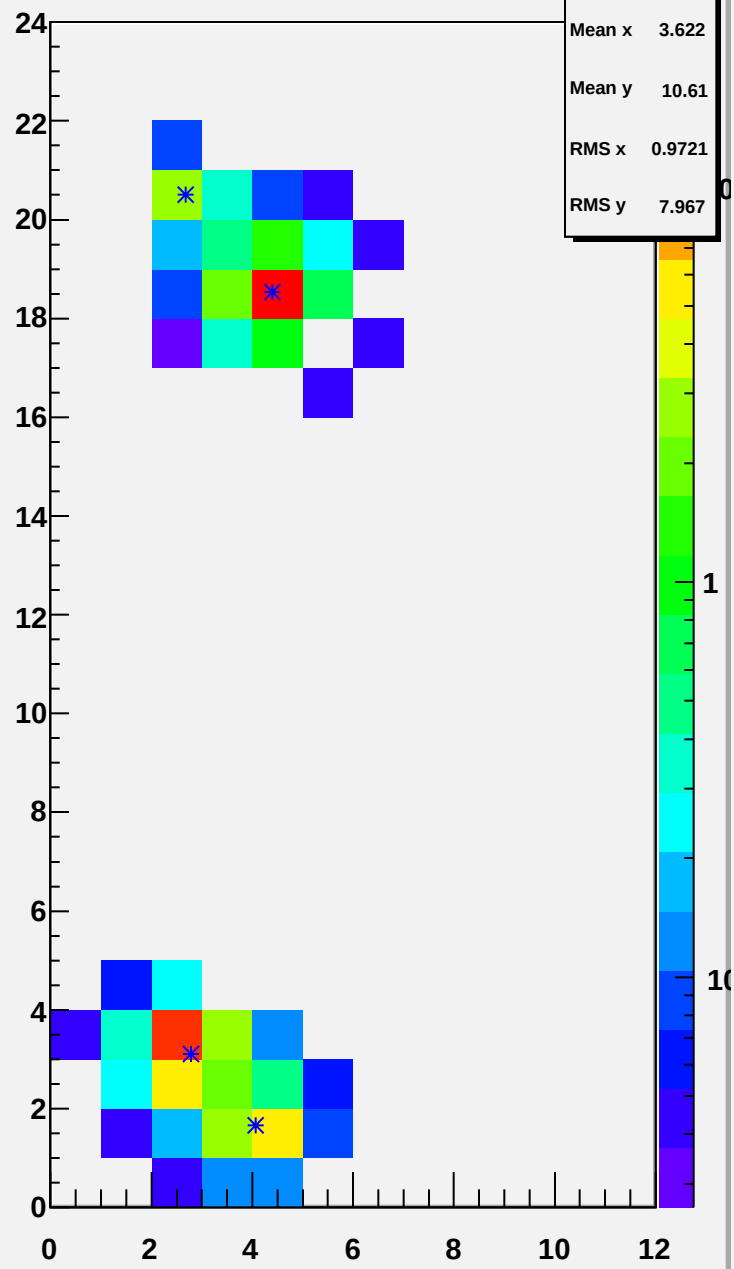
RMS x 1.334

RMS y 3.815

NSTB3_r4_c3_En=69.4_m0=0.166_m1=0.166_index=677



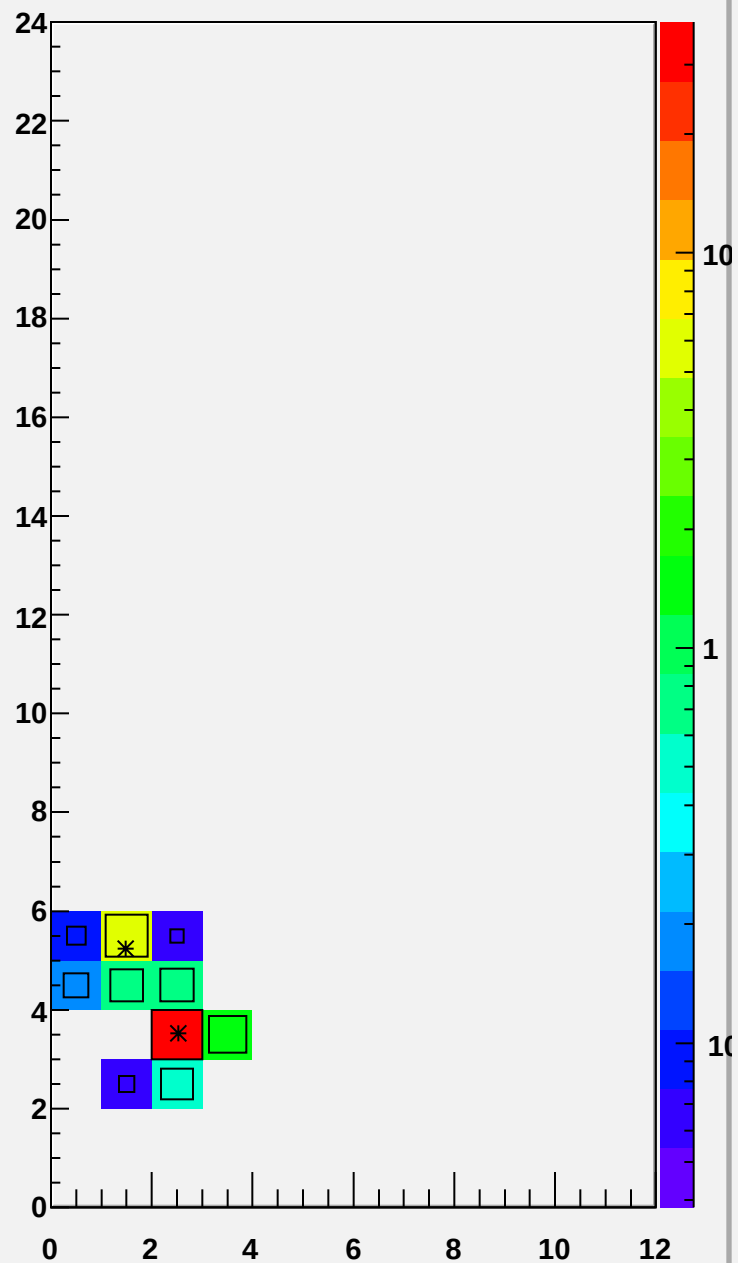
Fitted Energies



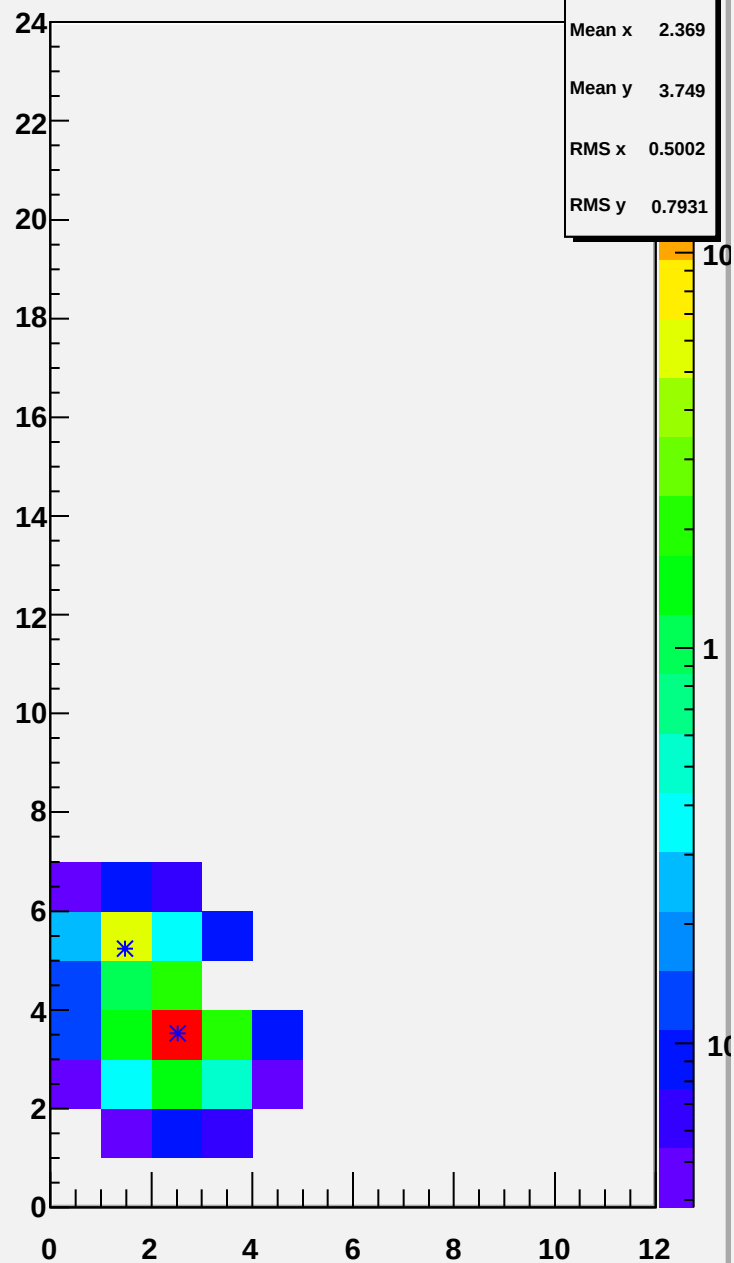
Efit

Entries	288
Mean x	3.622
Mean y	10.61
RMS x	0.9721
RMS y	7.967

NSTB3_r4_c3_En=47.8_m0=0.195_m1=0.195_index=678



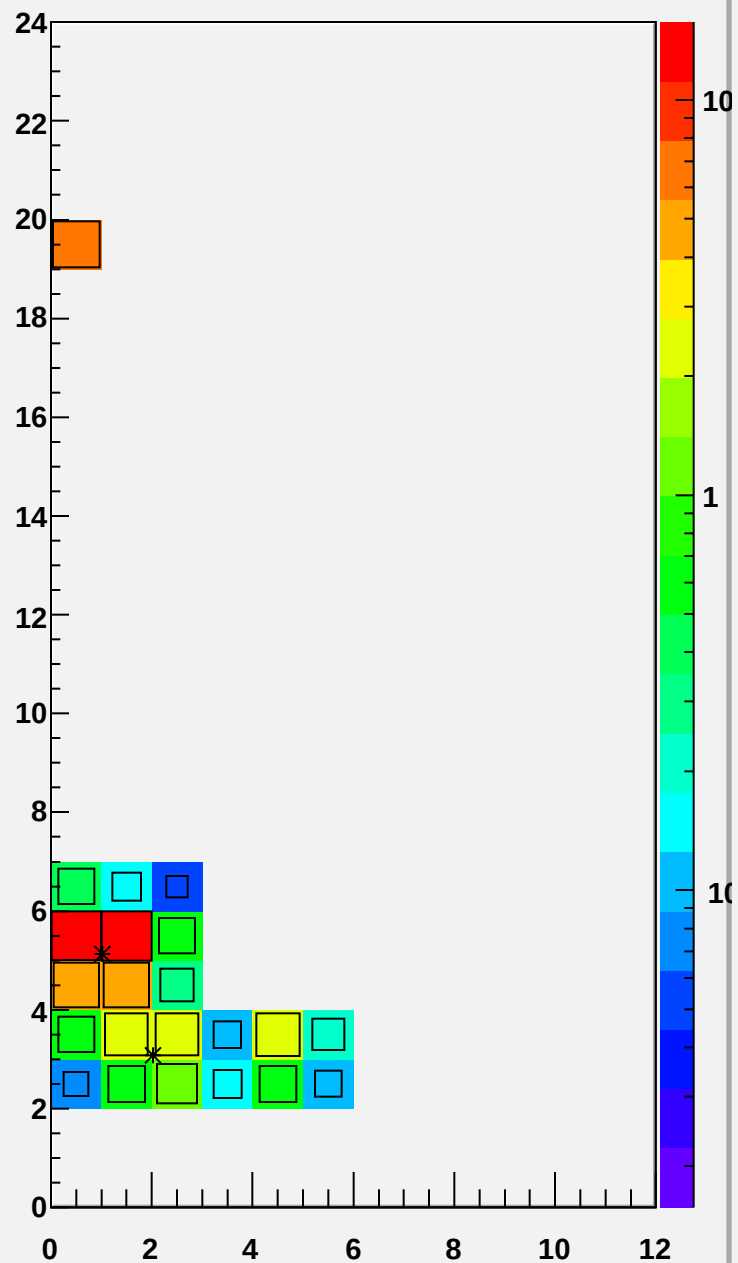
Fitted Energies



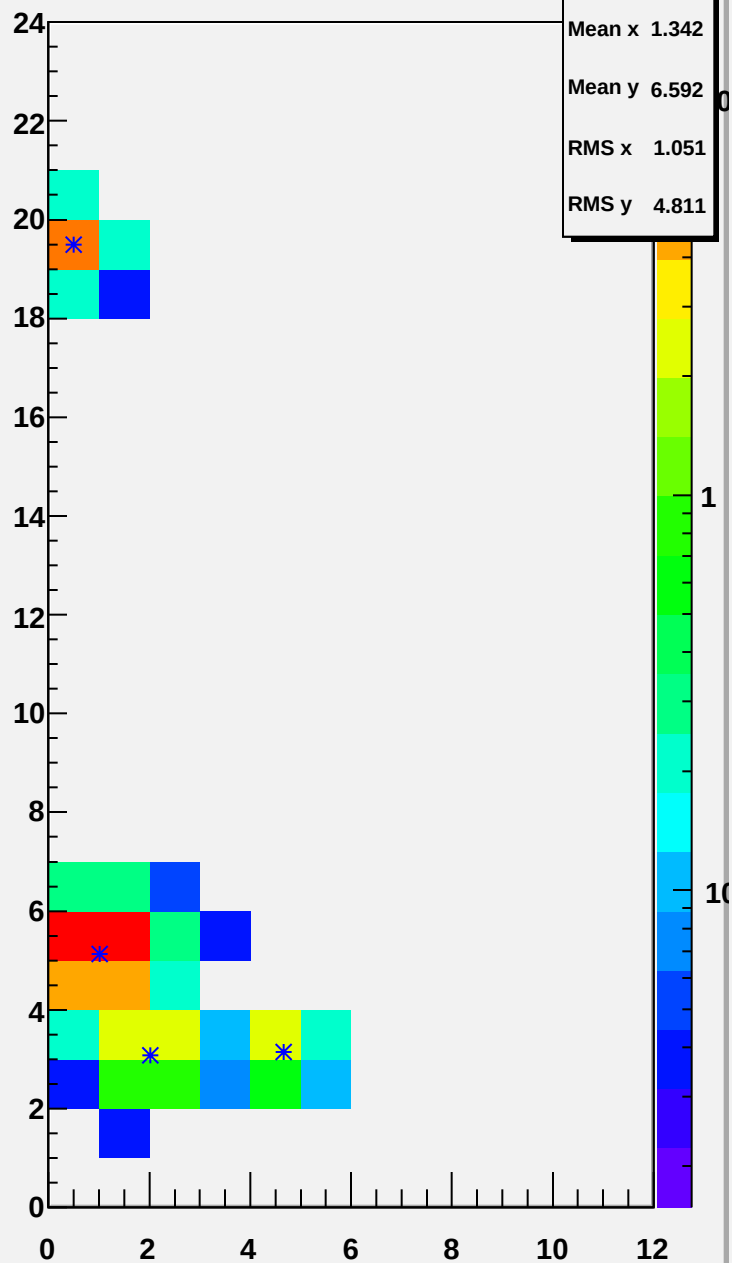
Efit

Entries	288
Mean x	2.369
Mean y	3.749
RMS x	0.5002
RMS y	0.7931

NSTB3_r4_c3_En=56.5_m0=0.203 m1=0.203 index=679



Fitted Energies



Efit

Entries 288

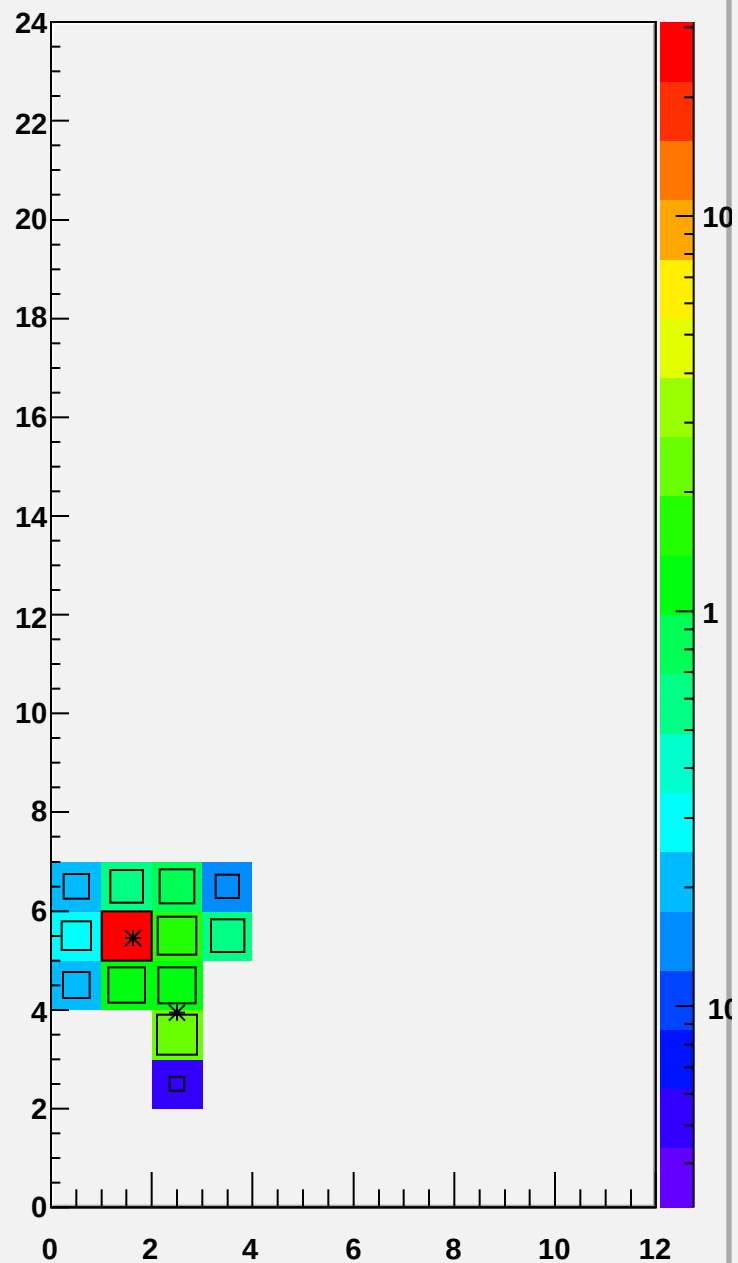
Mean x 1.342

Mean y 6.592

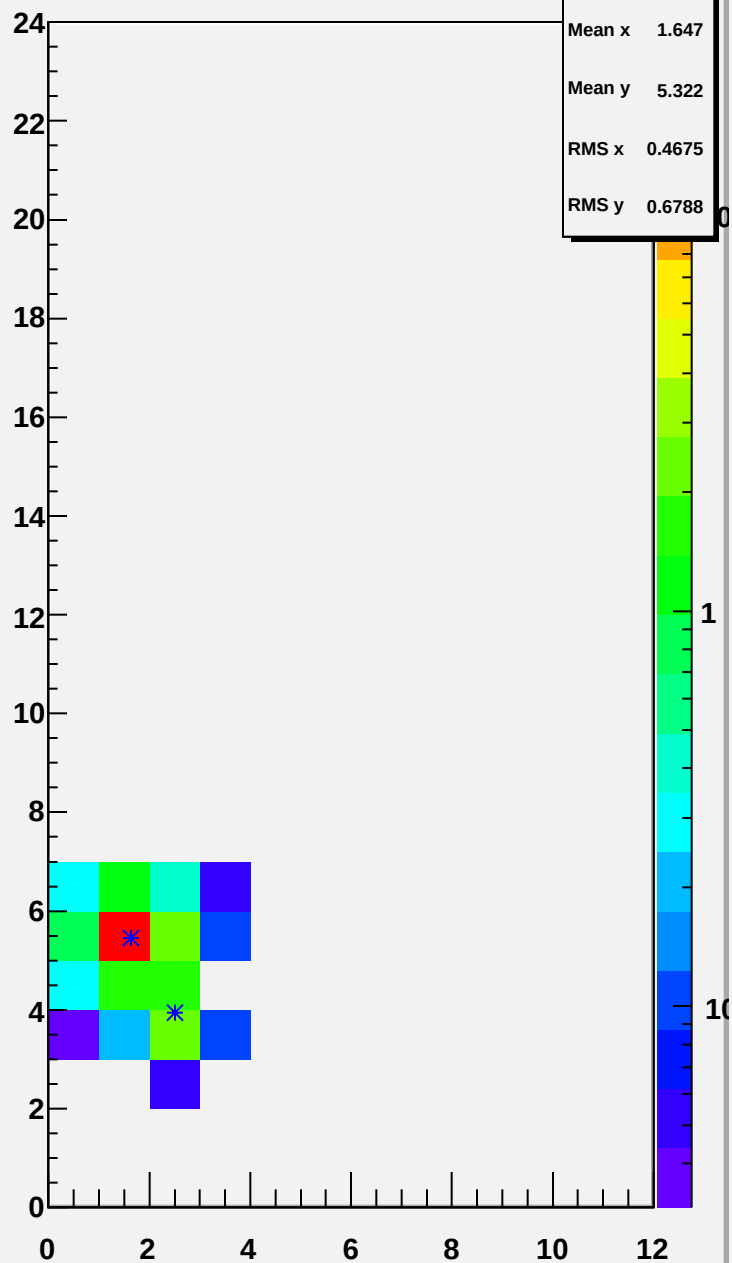
RMS x 1.051

RMS y 4.811

NSTB3_r4_c3_En=40.6_m0=0.124_m1=0.124_index=680



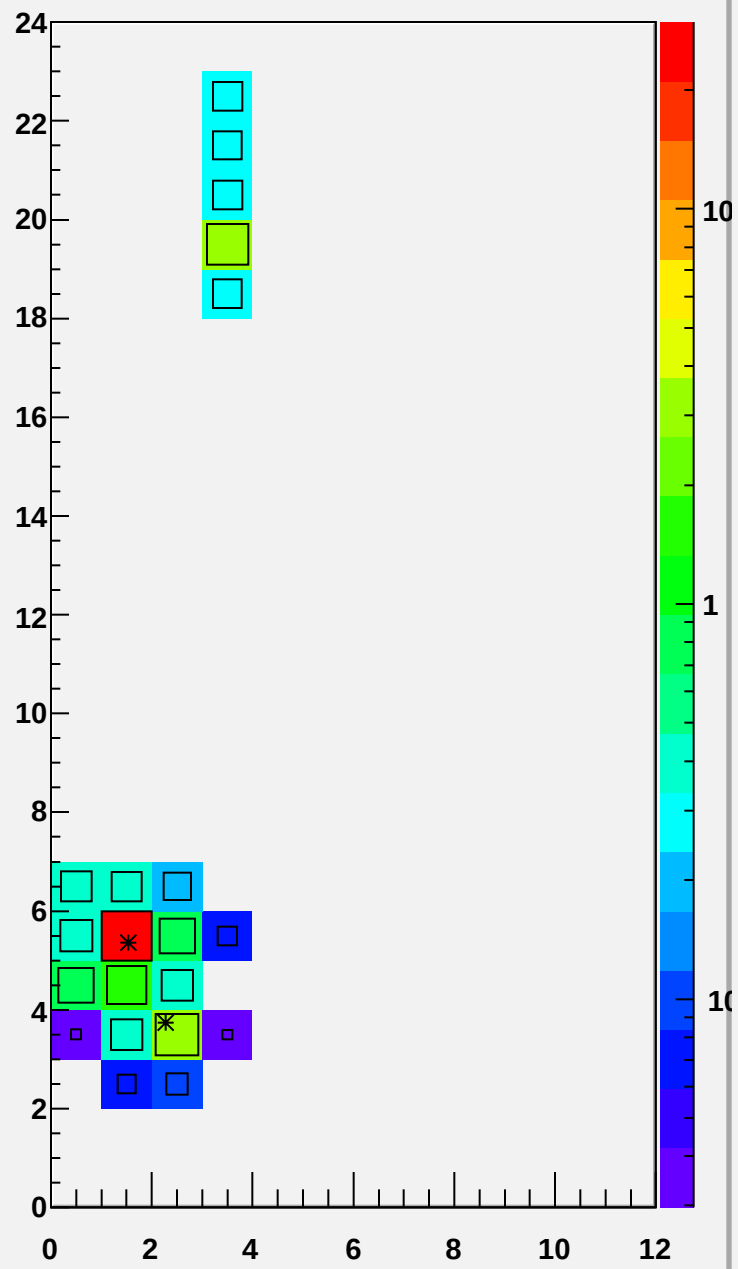
Fitted Energies



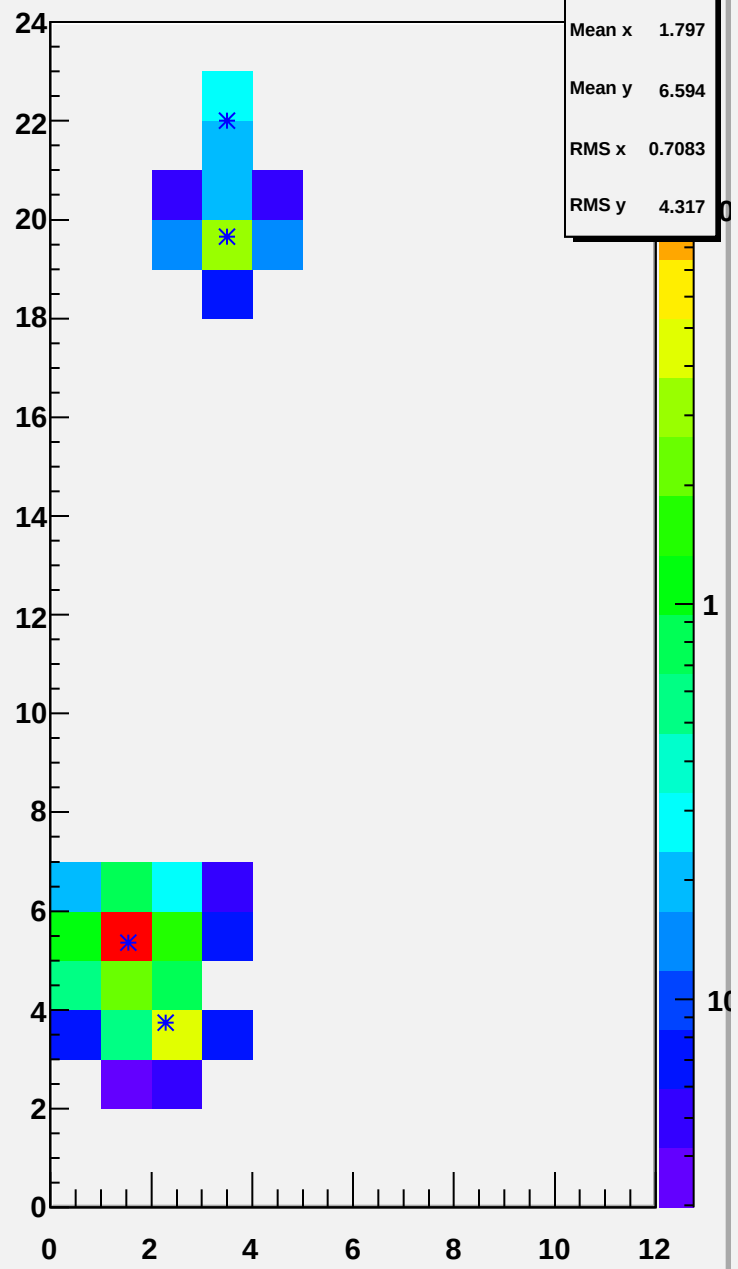
Efit

Entries	288
Mean x	1.647
Mean y	5.322
RMS x	0.4675
RMS y	0.6788

NSTB3_r4_c3_En=43.9_m0=0.132 m1=0.132 index=681



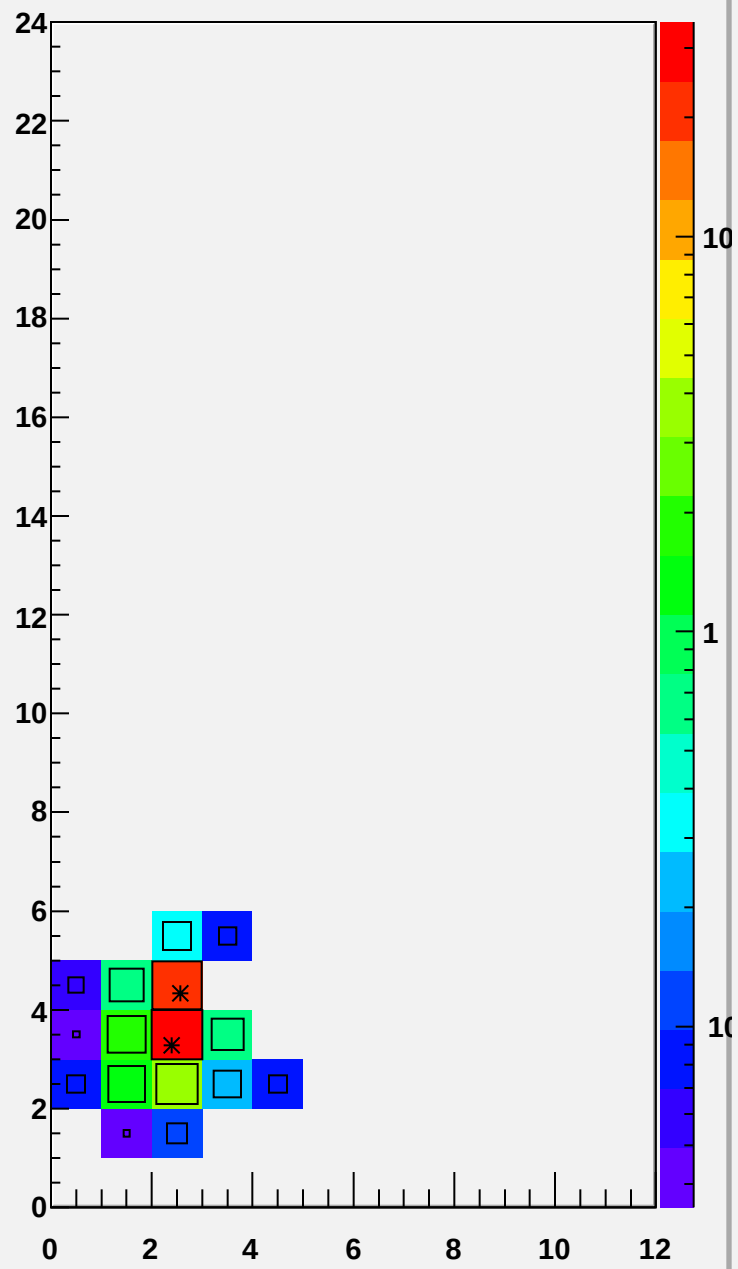
Fitted Energies



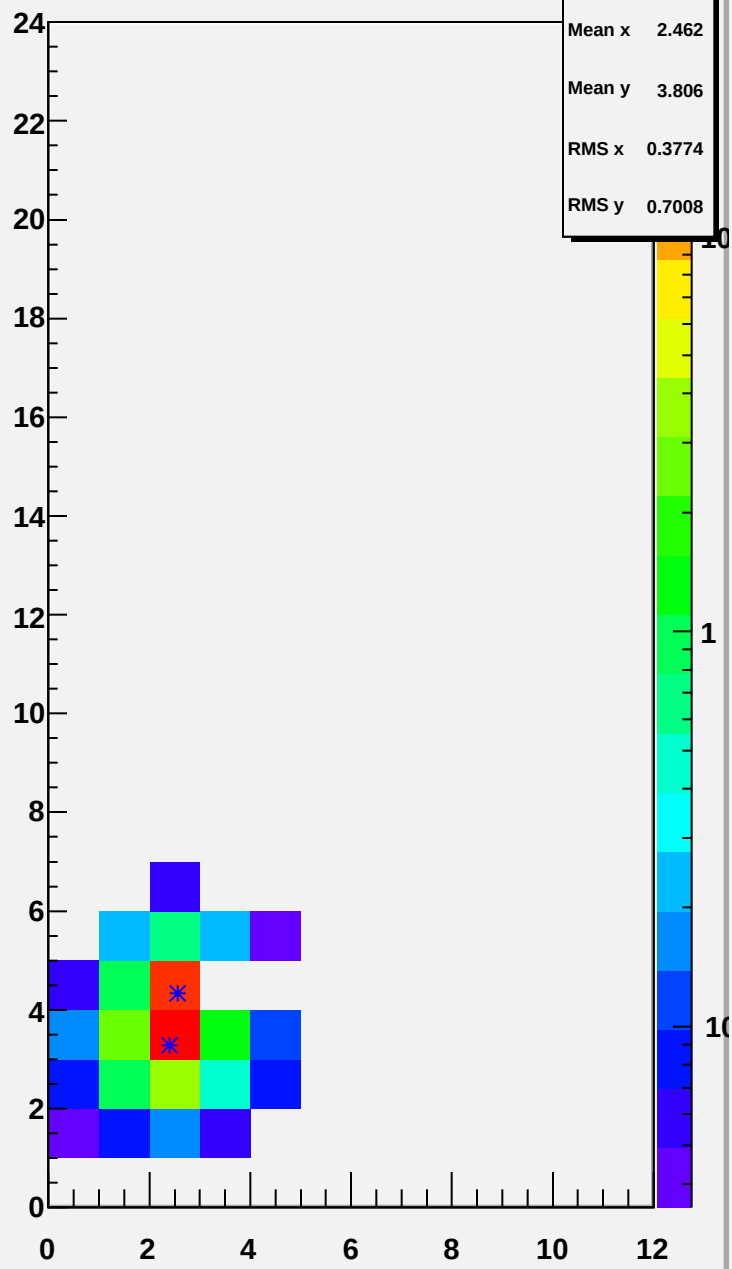
Efit

Entries	288
Mean x	1.797
Mean y	6.594
RMS x	0.7083
RMS y	4.317

NSTB3_r4_c3_En=67.2_m0=0.197 m1=0.197 index=682



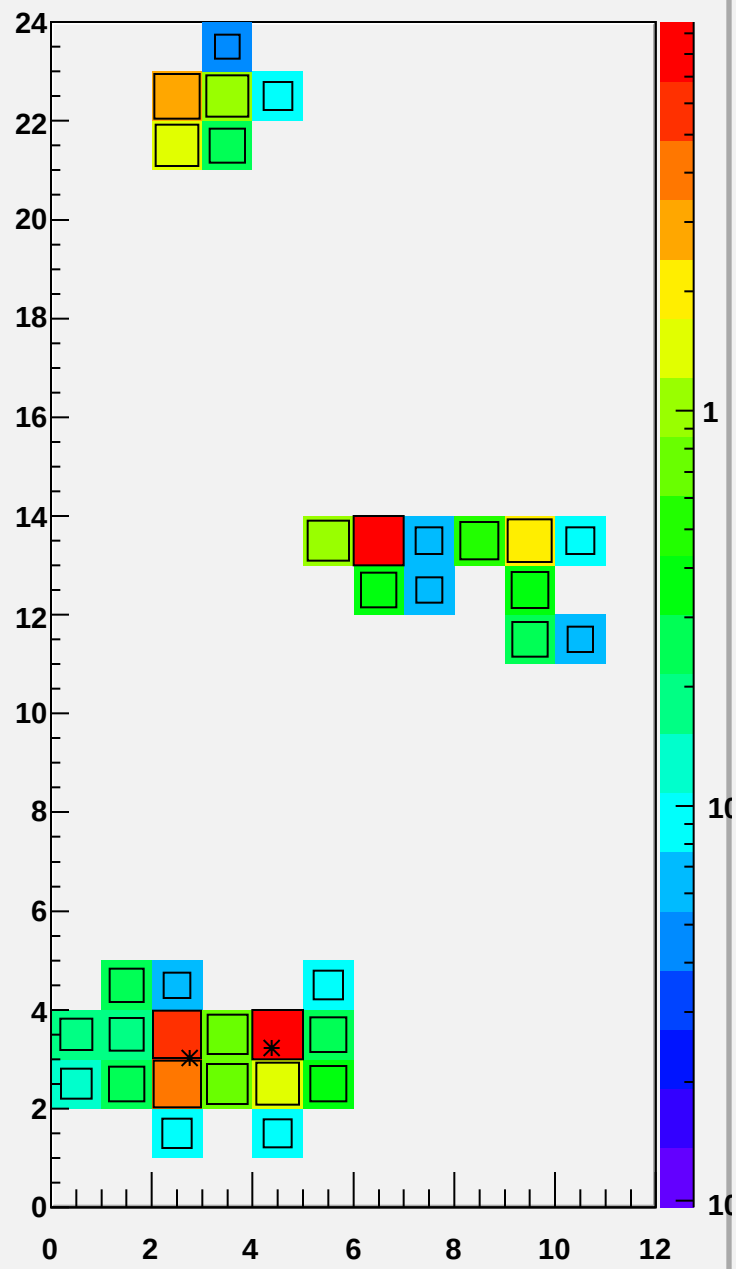
Fitted Energies



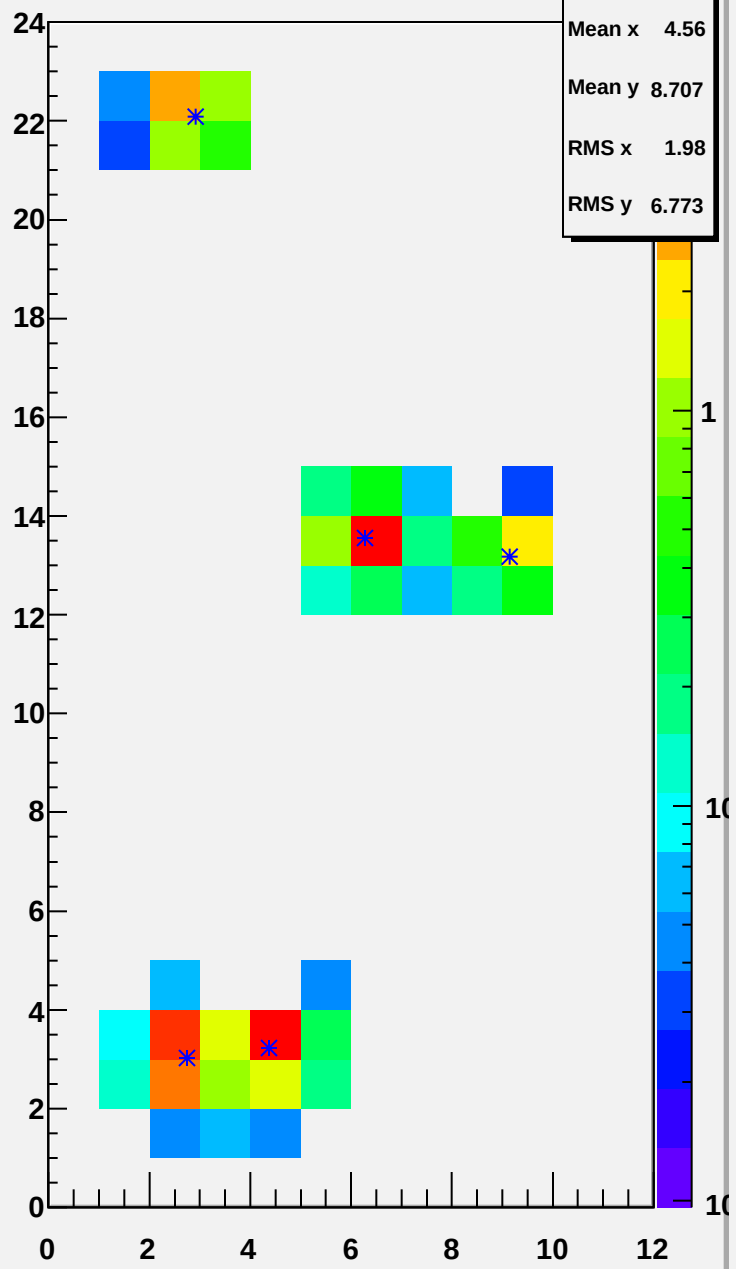
Efit

Entries	288
Mean x	2.462
Mean y	3.806
RMS x	0.3774
RMS y	0.7008

NSTB3_r4_c3_En=43.3_m0=0.114_m1=0.114_index=684



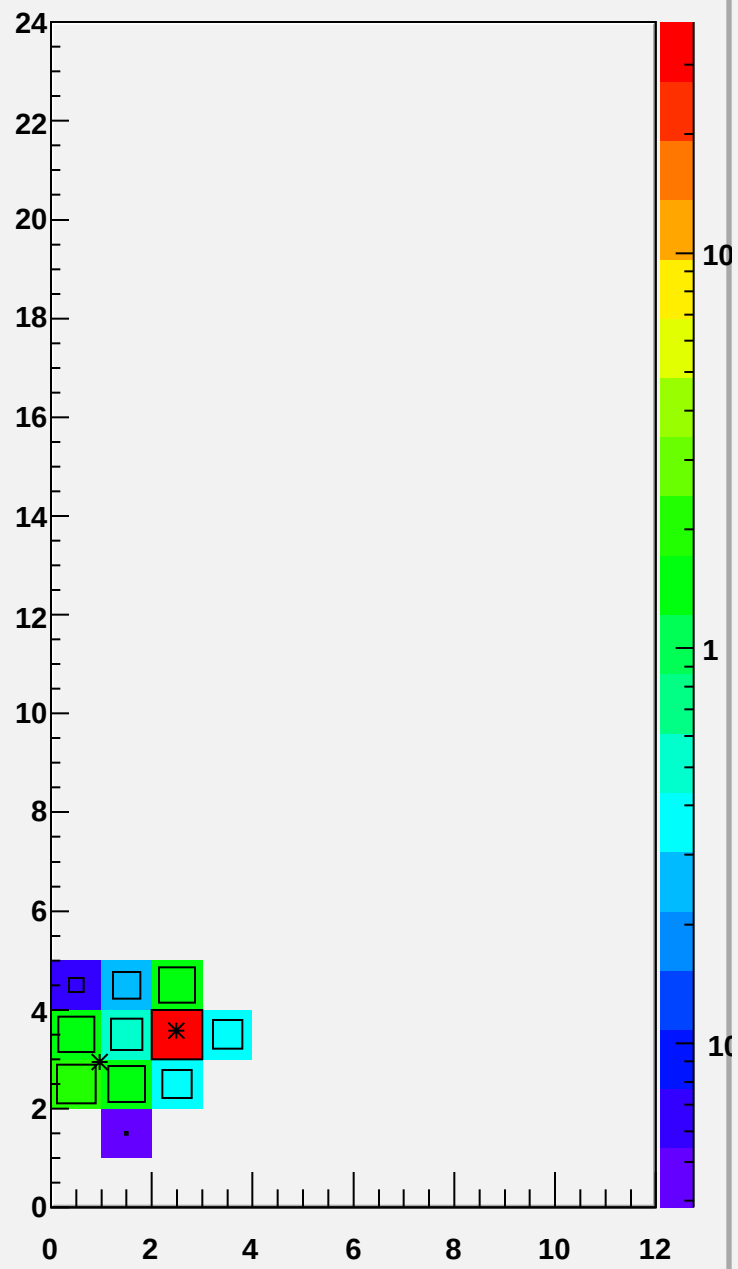
Fitted Energies



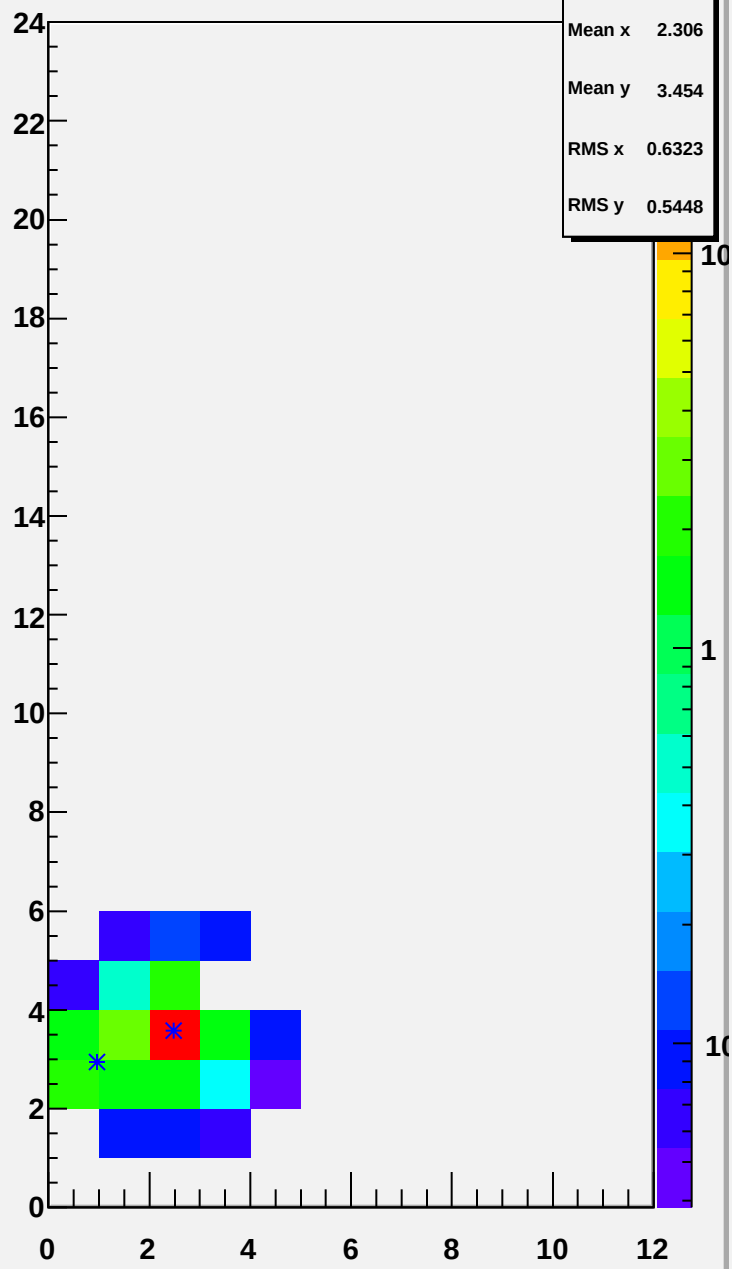
Efit

Entries 288
Mean x 4.56
Mean y 8.707
RMS x 1.98
RMS y 6.773

NSTB3_r4_c3_En=46.8_m0=0.148 m1=0.148 index=685



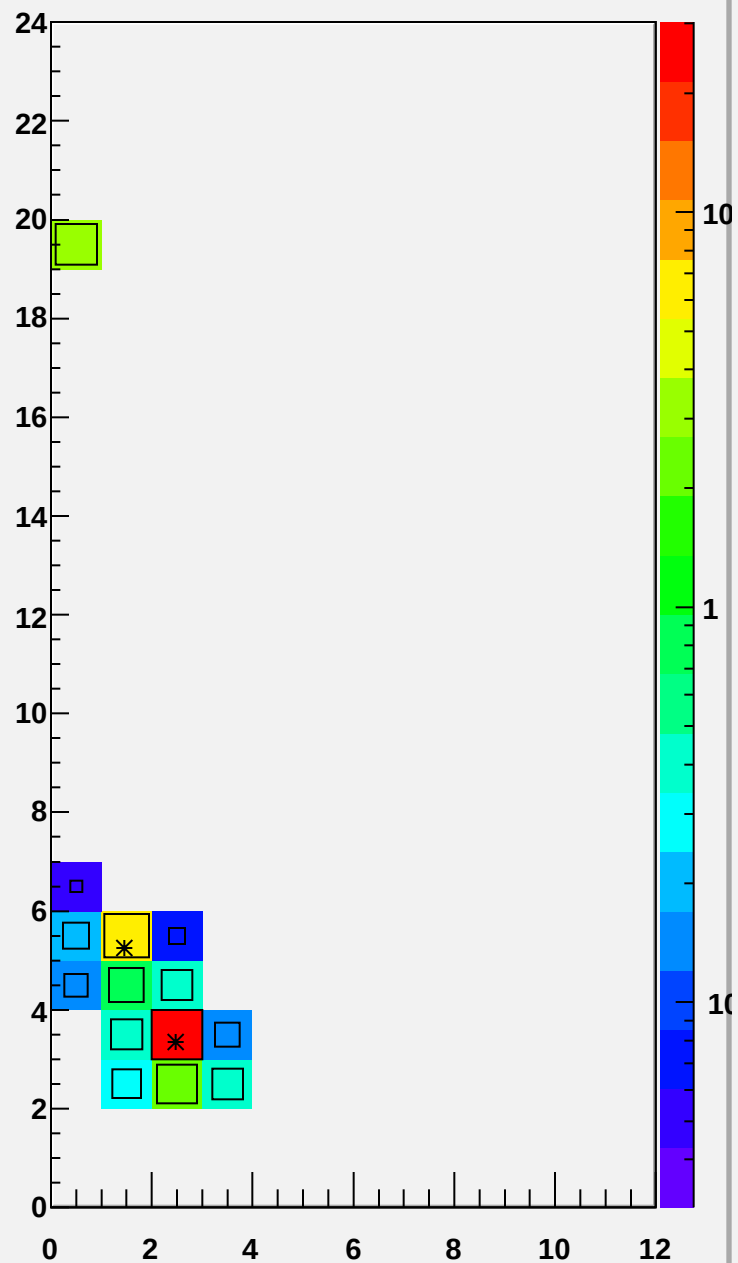
Fitted Energies



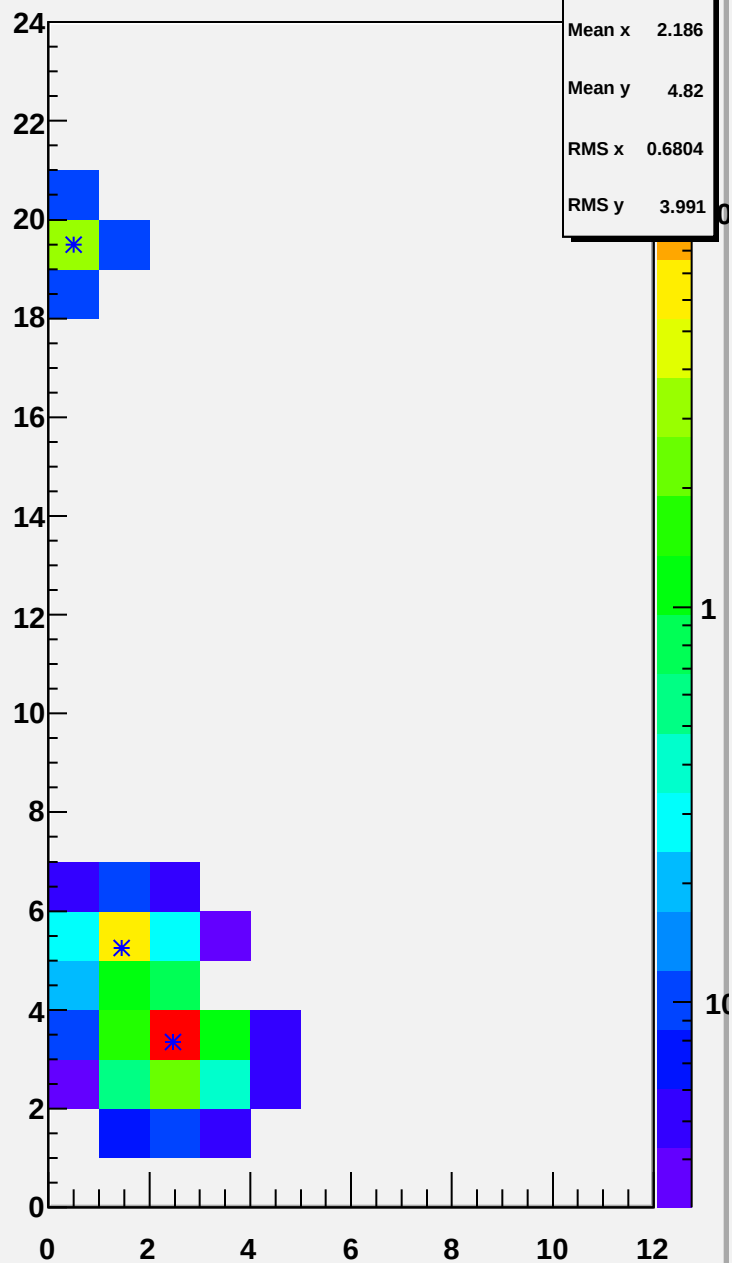
Efit

Entries	288
Mean x	2.306
Mean y	3.454
RMS x	0.6323
RMS y	0.5448

NSTB3_r4_c3_En=44.7_m0=0.204 m1=0.204 index=687



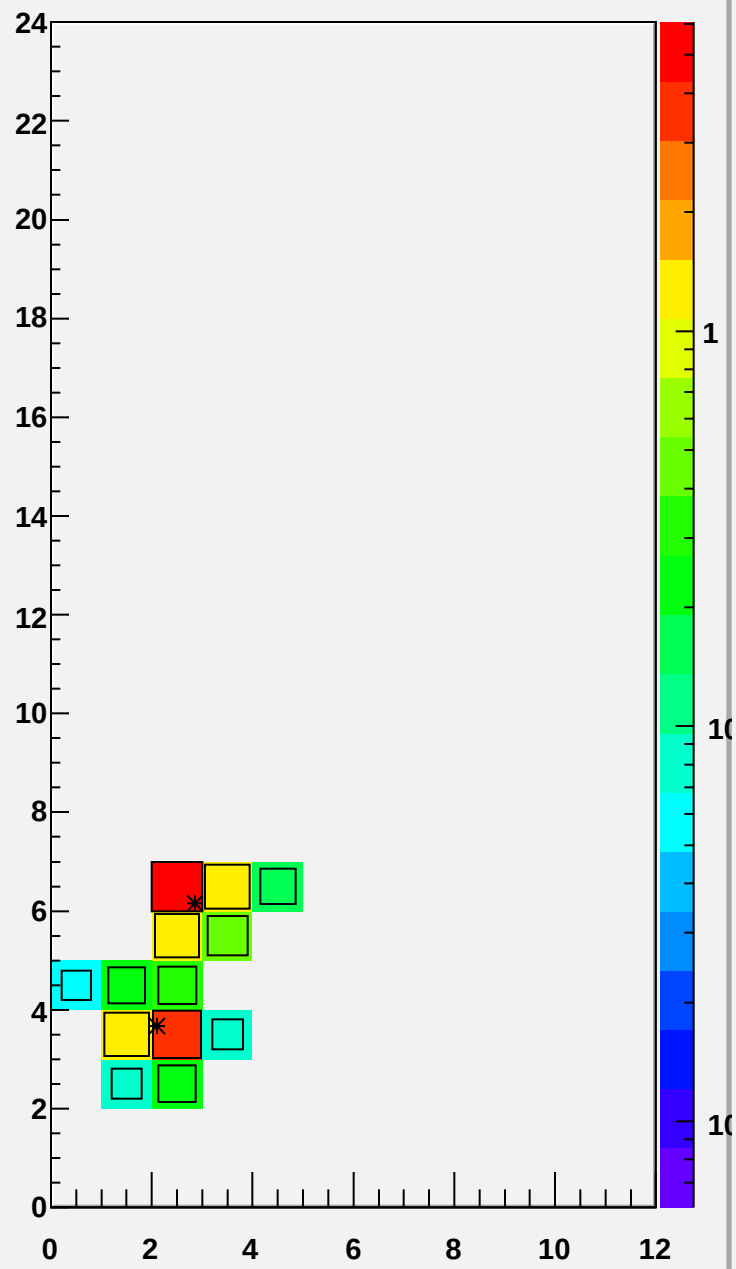
Fitted Energies



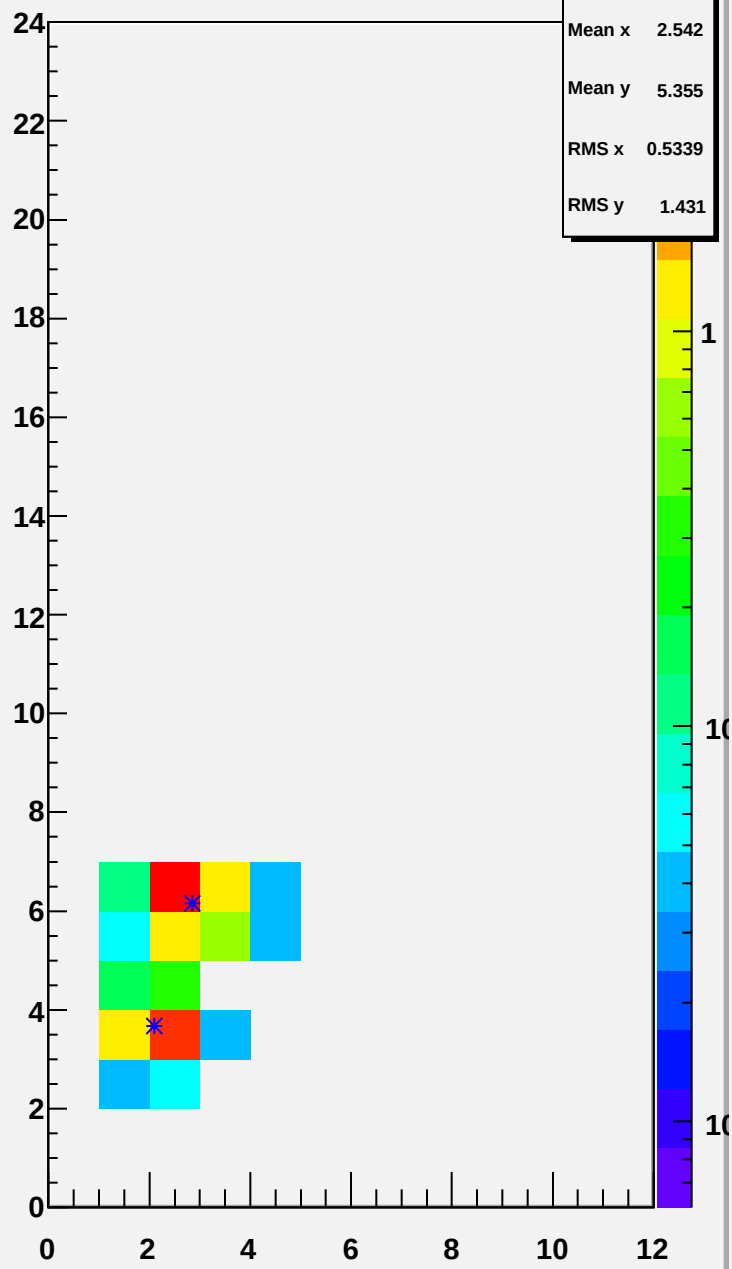
Efit

Entries	288
Mean x	2.186
Mean y	4.82
RMS x	0.6804
RMS y	3.991

NSTB3_r4_c3_En=15.2_m0=0.105 m1=0.105 index=688



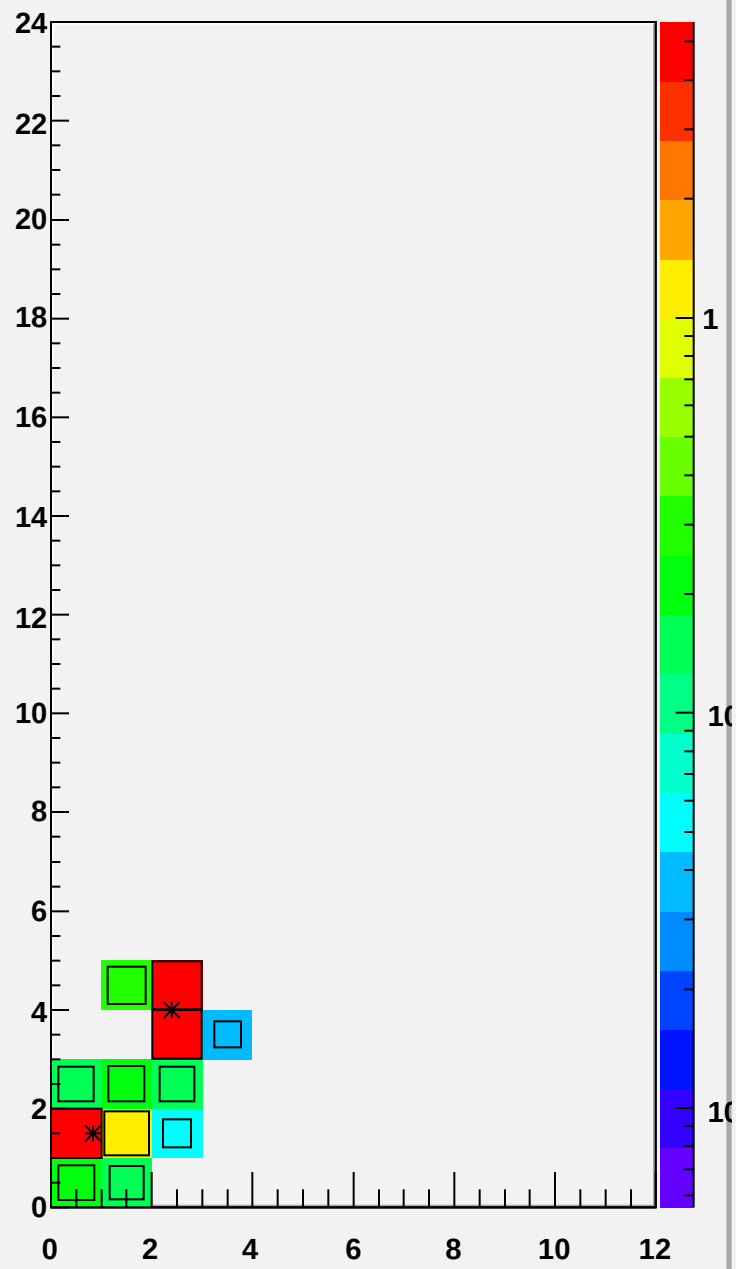
Fitted Energies



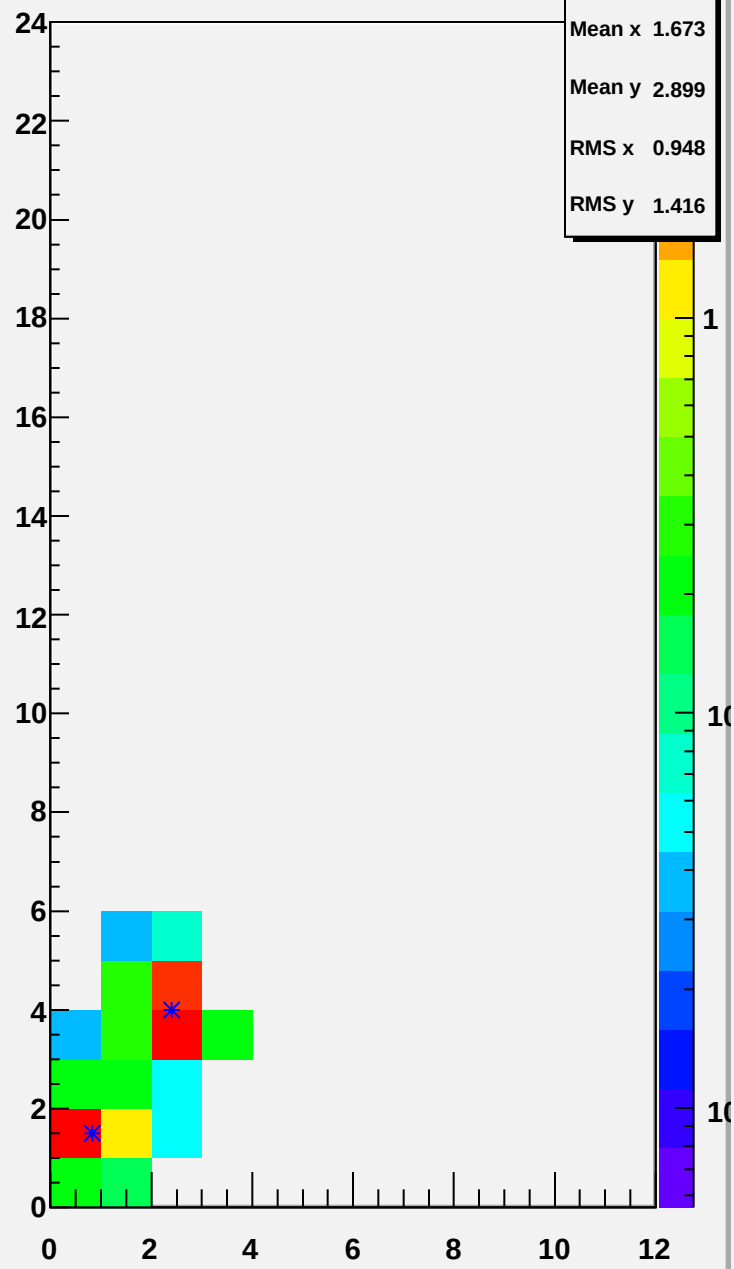
Efit

Entries	288
Mean x	2.542
Mean y	5.355
RMS x	0.5339
RMS y	1.431

NSTB3_r4_c3_En=16.7_m0=0.143 m1=0.143 index=689



Fitted Energies



Efit

Entries 288

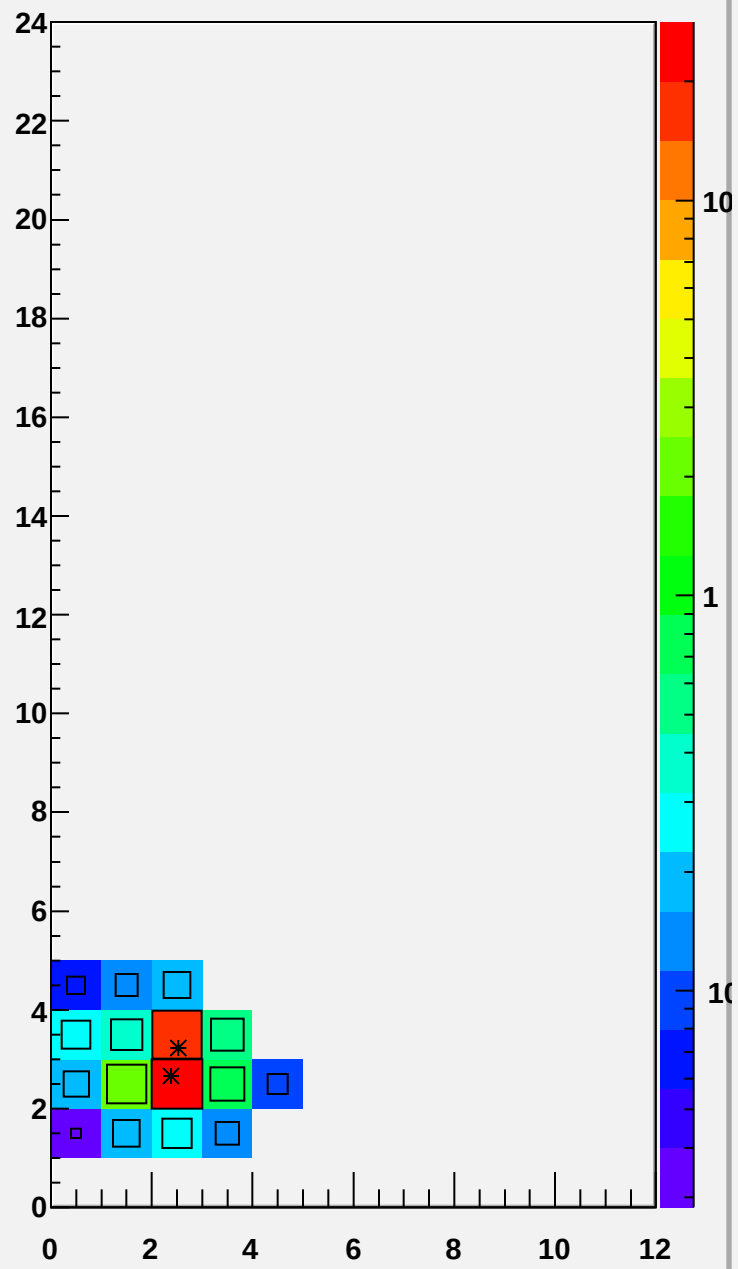
Mean x 1.673

Mean y 2.899

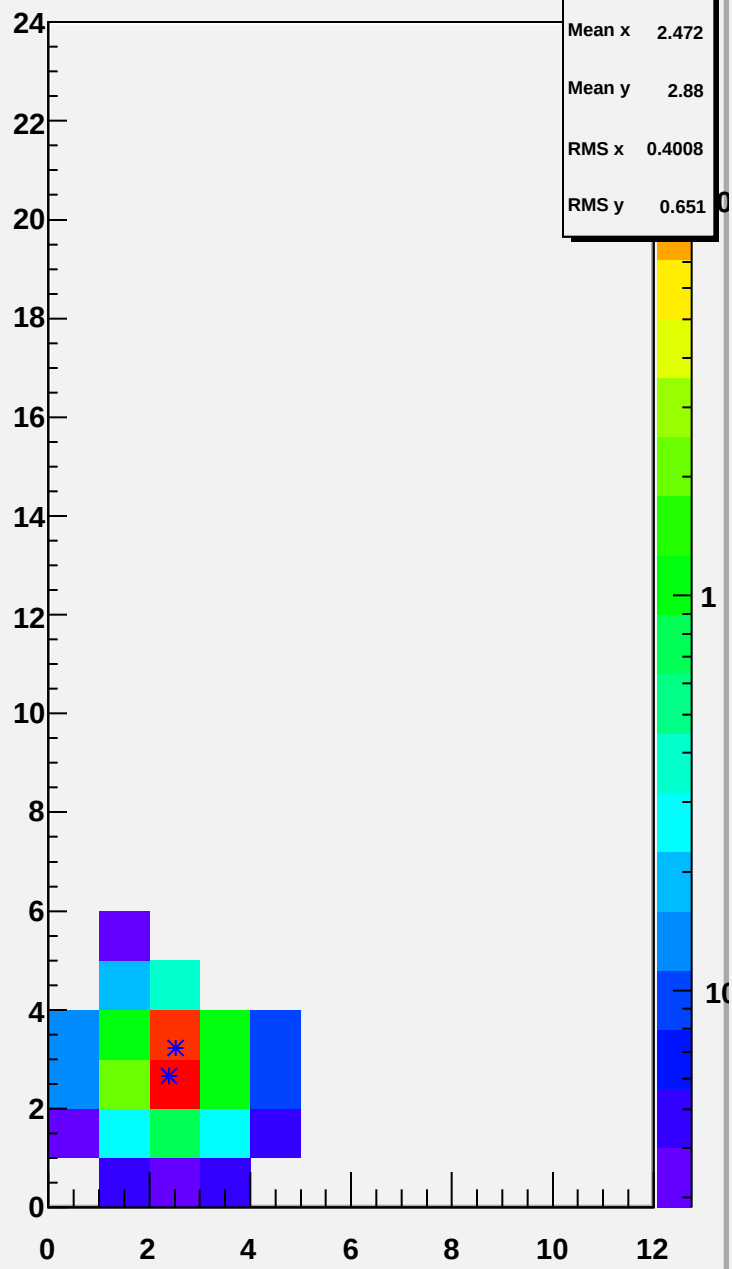
RMS x 0.948

RMS y 1.416

NSTB3_r4_c3_En=52.2_m0=0.082 m1=0.082 index=690



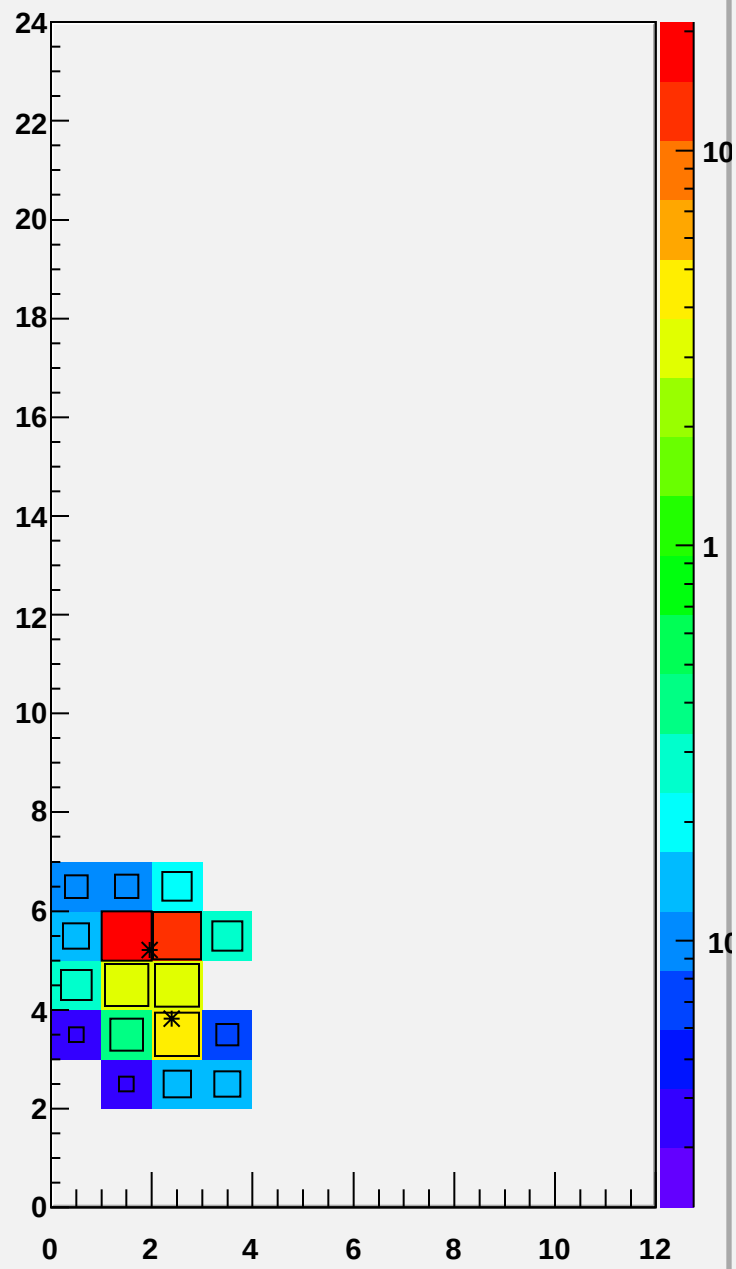
Fitted Energies



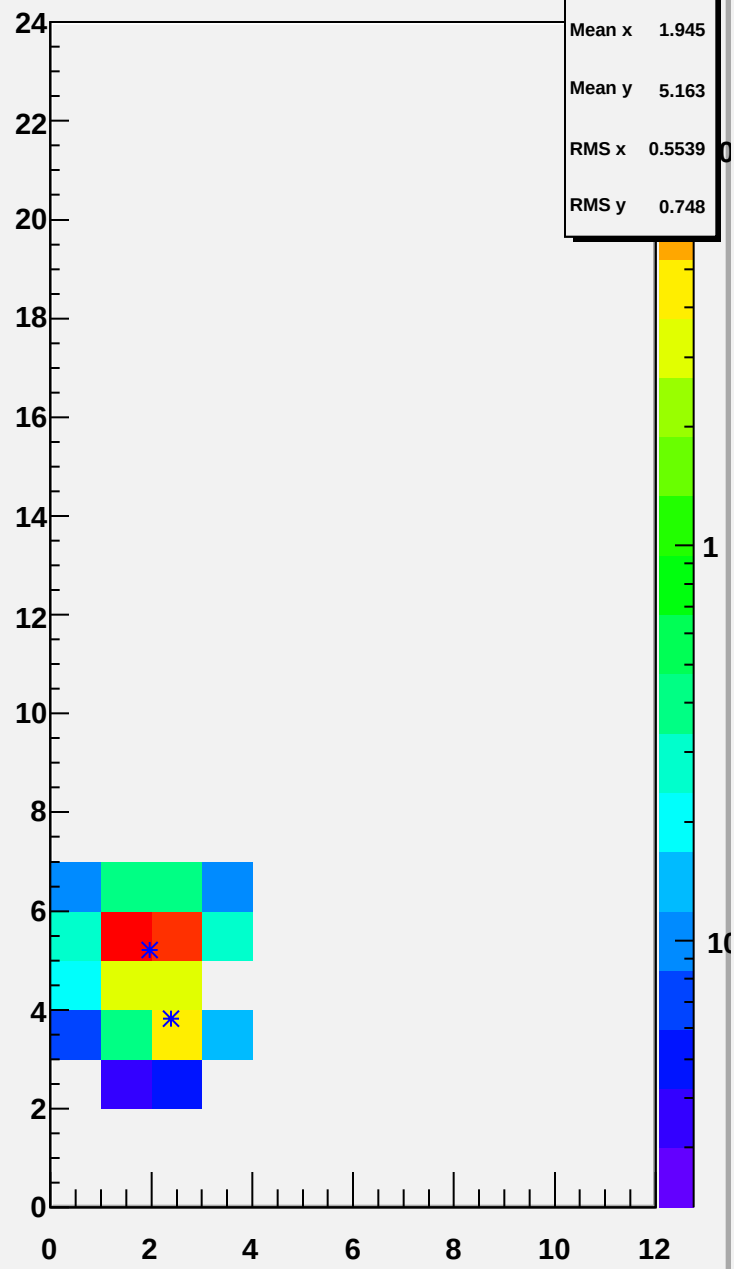
Efit

Entries	288
Mean x	2.472
Mean y	2.88
RMS x	0.4008
RMS y	0.651

NSTB3_r4_c3_En=46.4_m0=0.122 m1=0.122 index=692



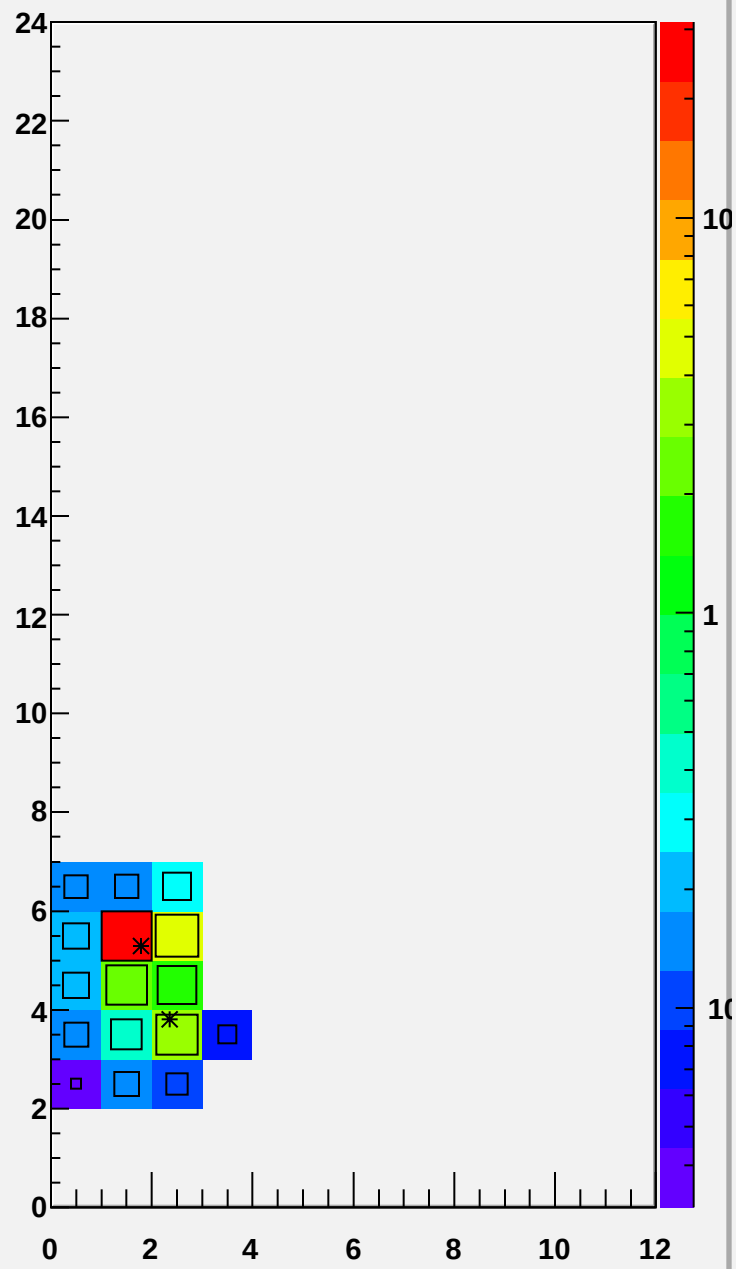
Fitted Energies



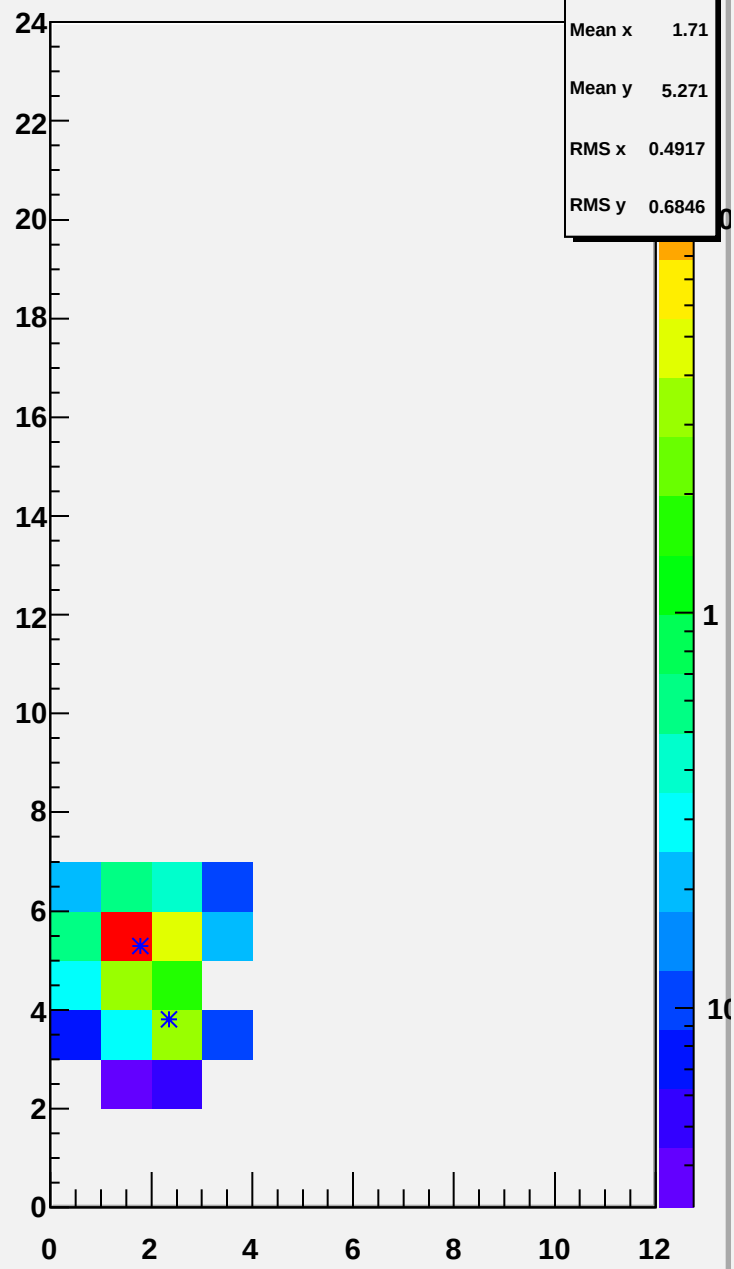
Efit

Entries	288
Mean x	1.945
Mean y	5.163
RMS x	0.5539
RMS y	0.748

NSTB3_r4_c3_En=45.4_m0=0.113 m1=0.113 index=693



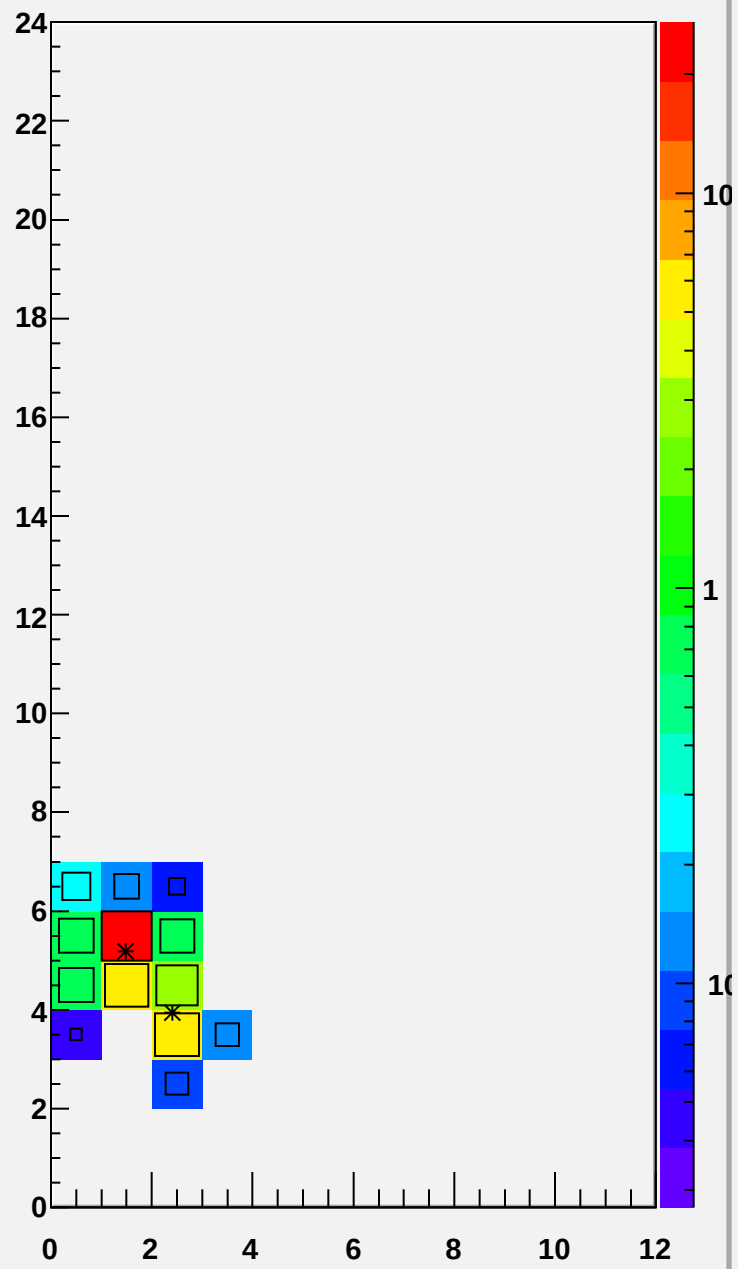
Fitted Energies



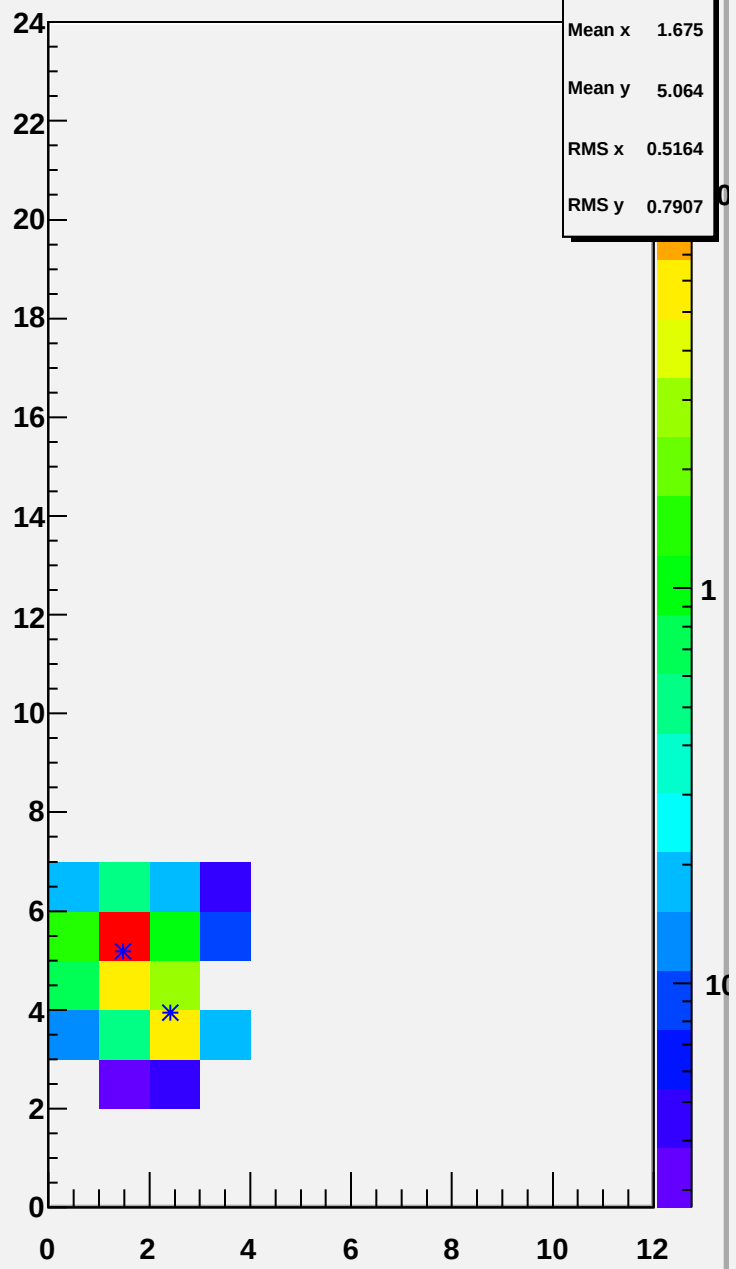
Efit

Entries	288
Mean x	1.71
Mean y	5.271
RMS x	0.4917
RMS y	0.6846

NSTB3_r4_c3_En=42.4_m0=0.151 m1=0.151 index=694



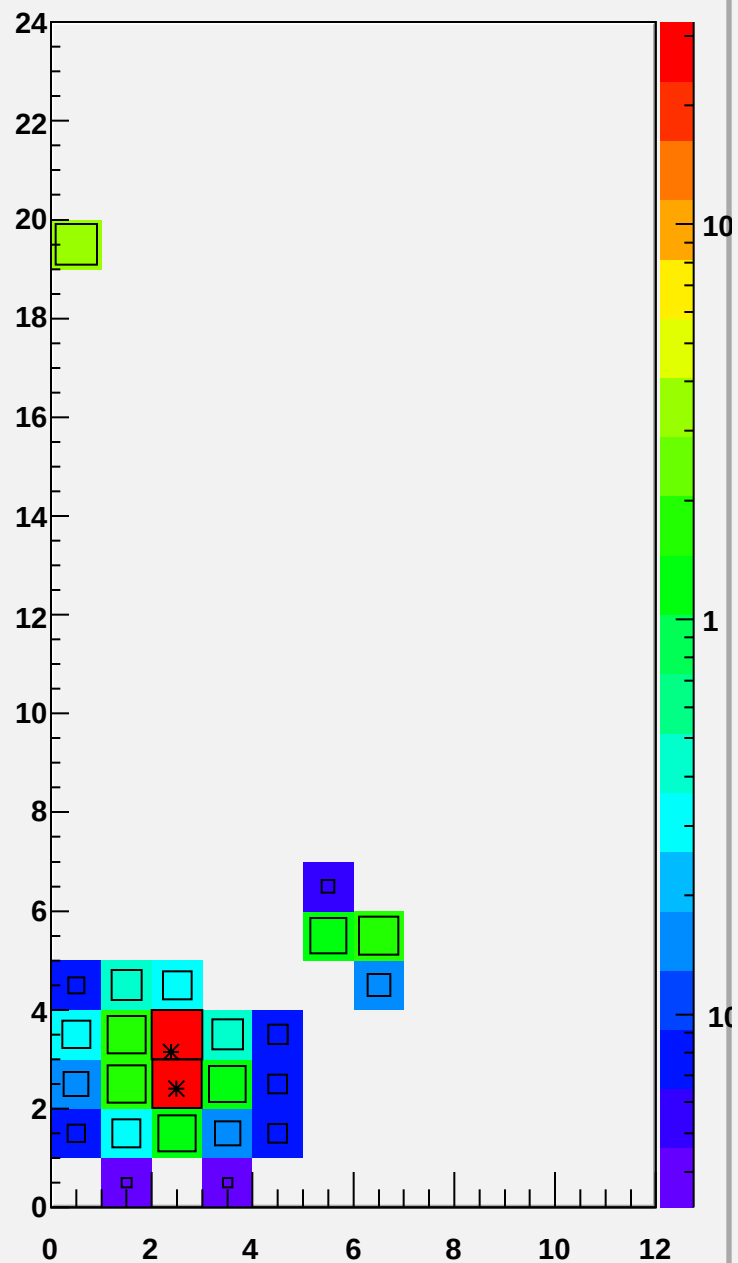
Fitted Energies



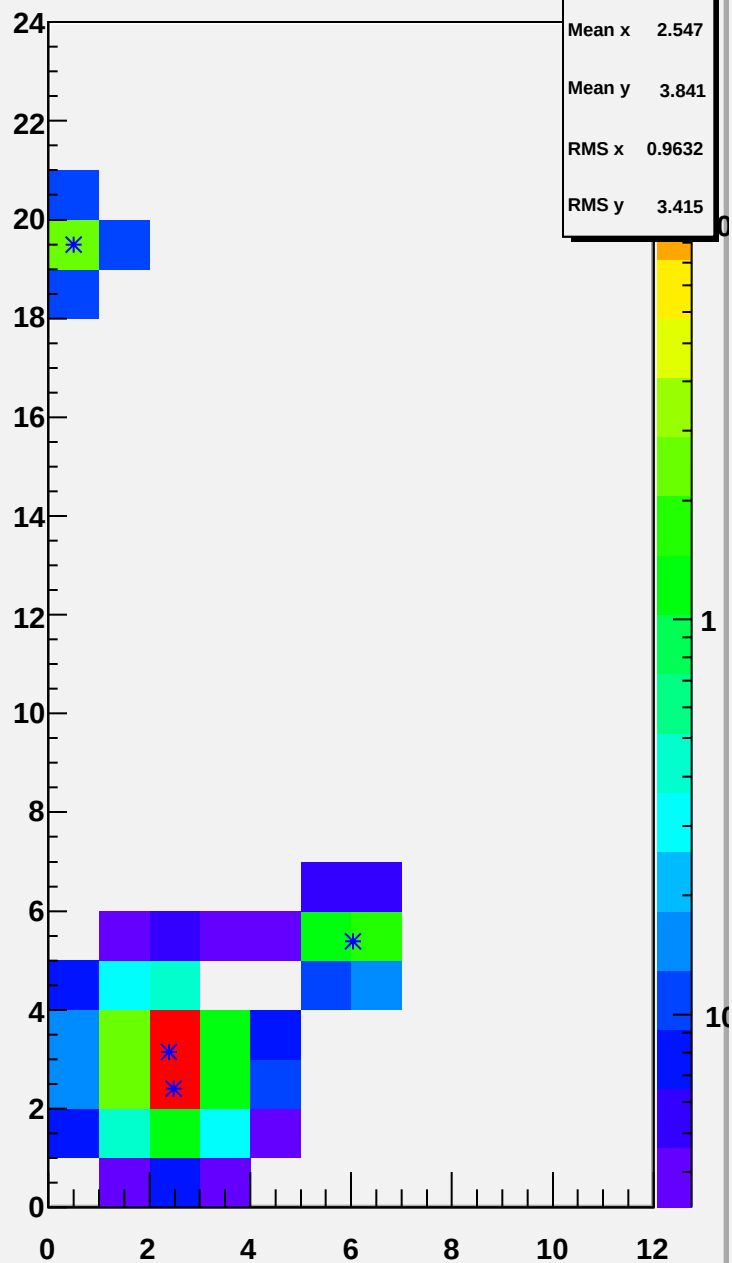
Efit

Entries	288
Mean x	1.675
Mean y	5.064
RMS x	0.5164
RMS y	0.7907

NSTB3_r4_c3_En=73.3_m0=0.129_m1=0.129_index=696



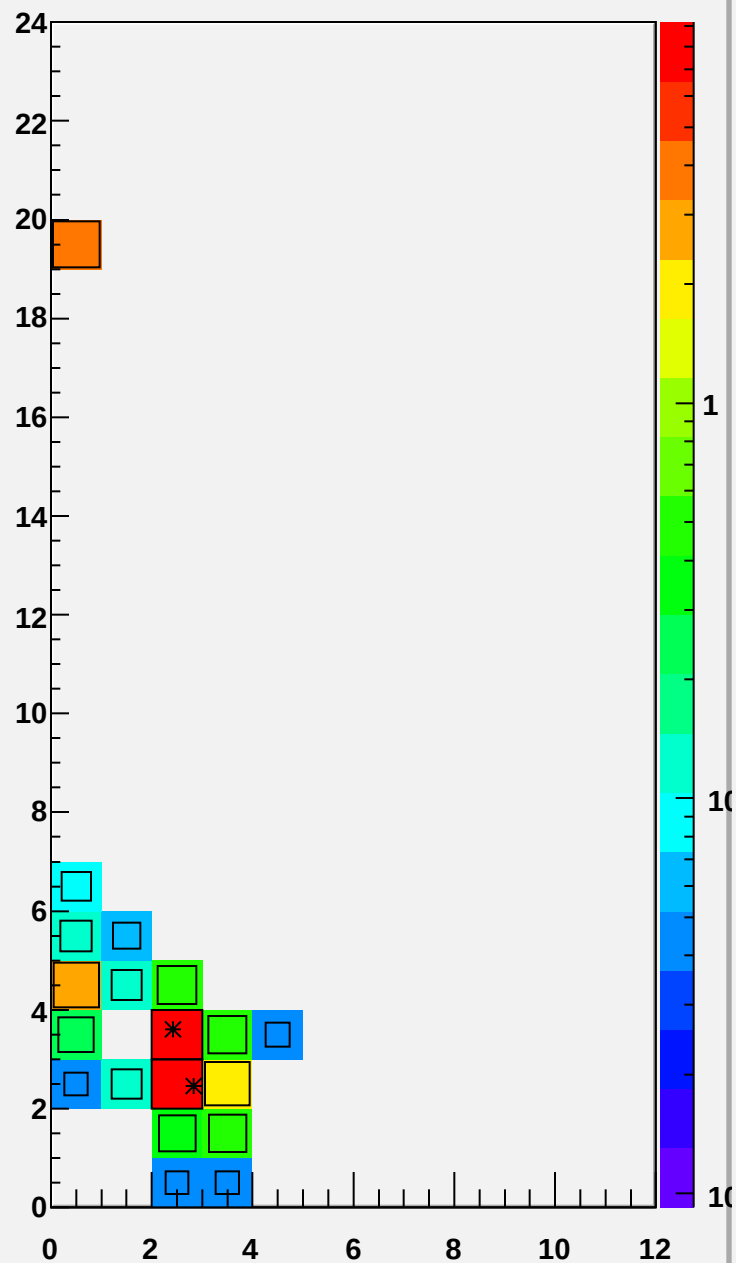
Fitted Energies



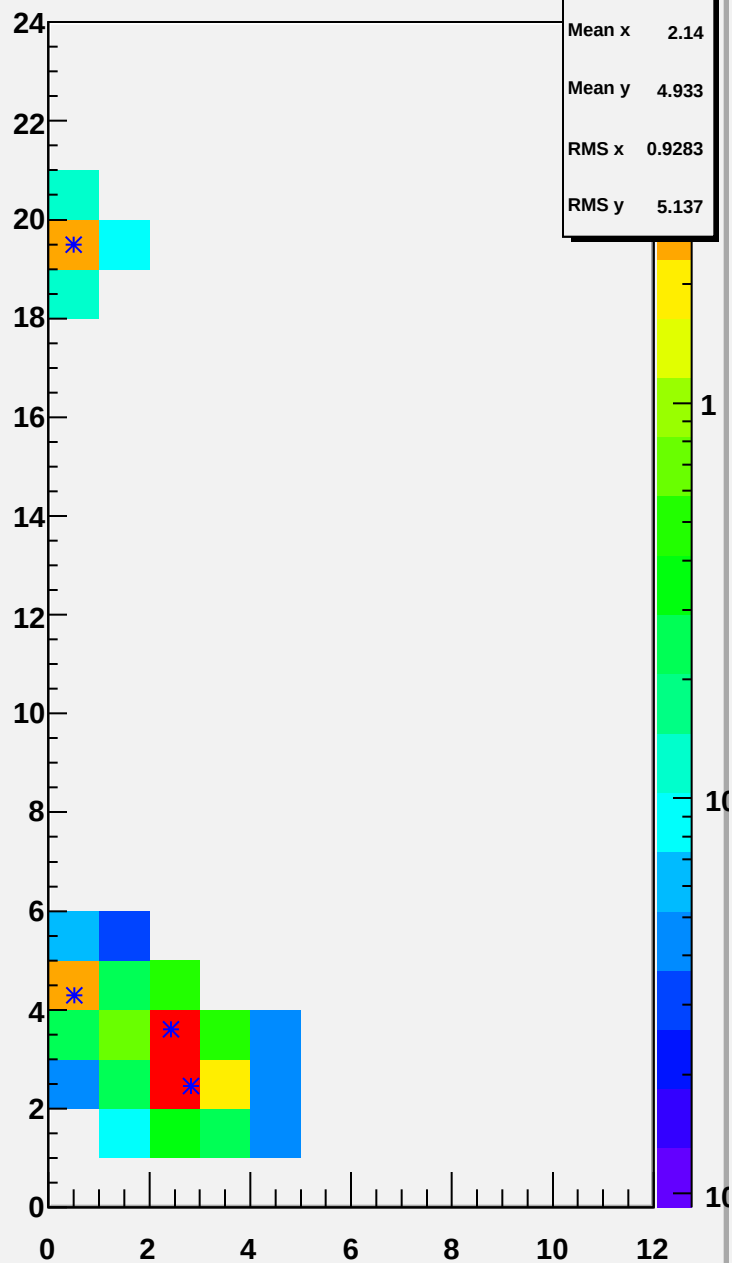
Efit

Entries	288
Mean x	2.547
Mean y	3.841
RMS x	0.9632
RMS y	3.415

NSTB3_r4_c3_En=28.9_m0=0.077 m1=0.077 index=697



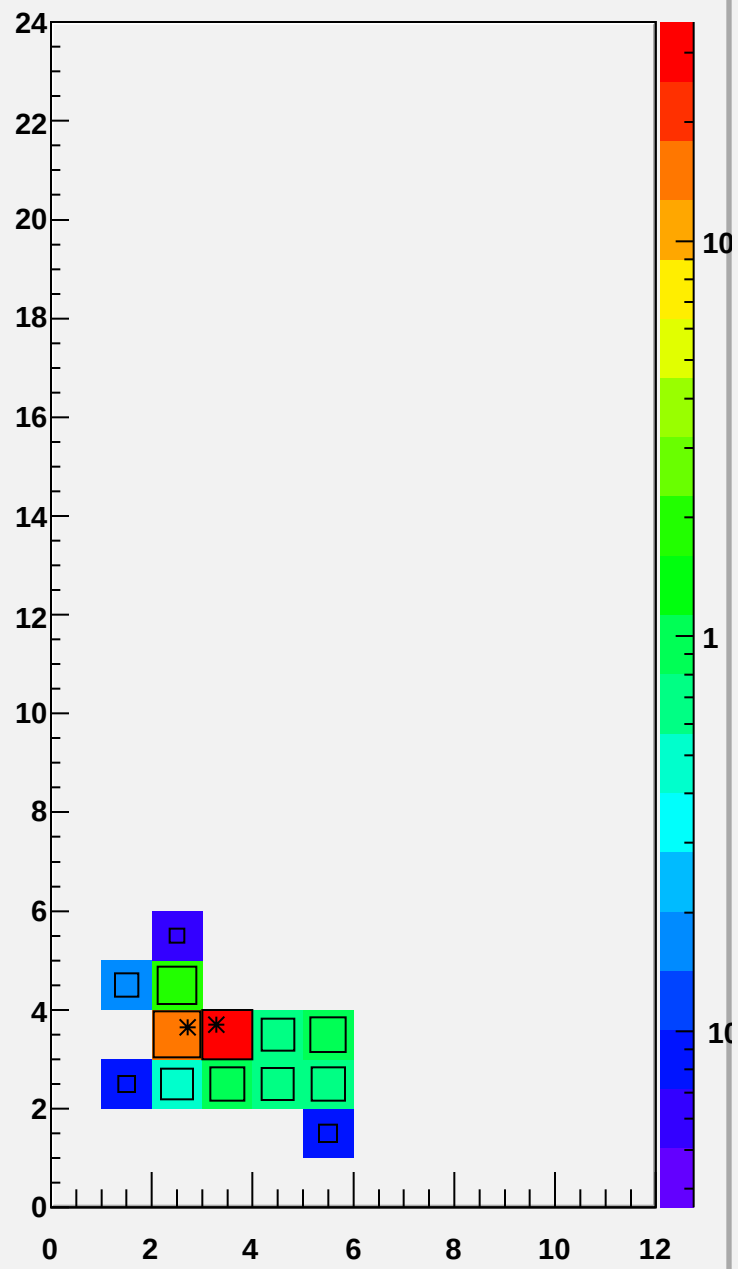
Fitted Energies



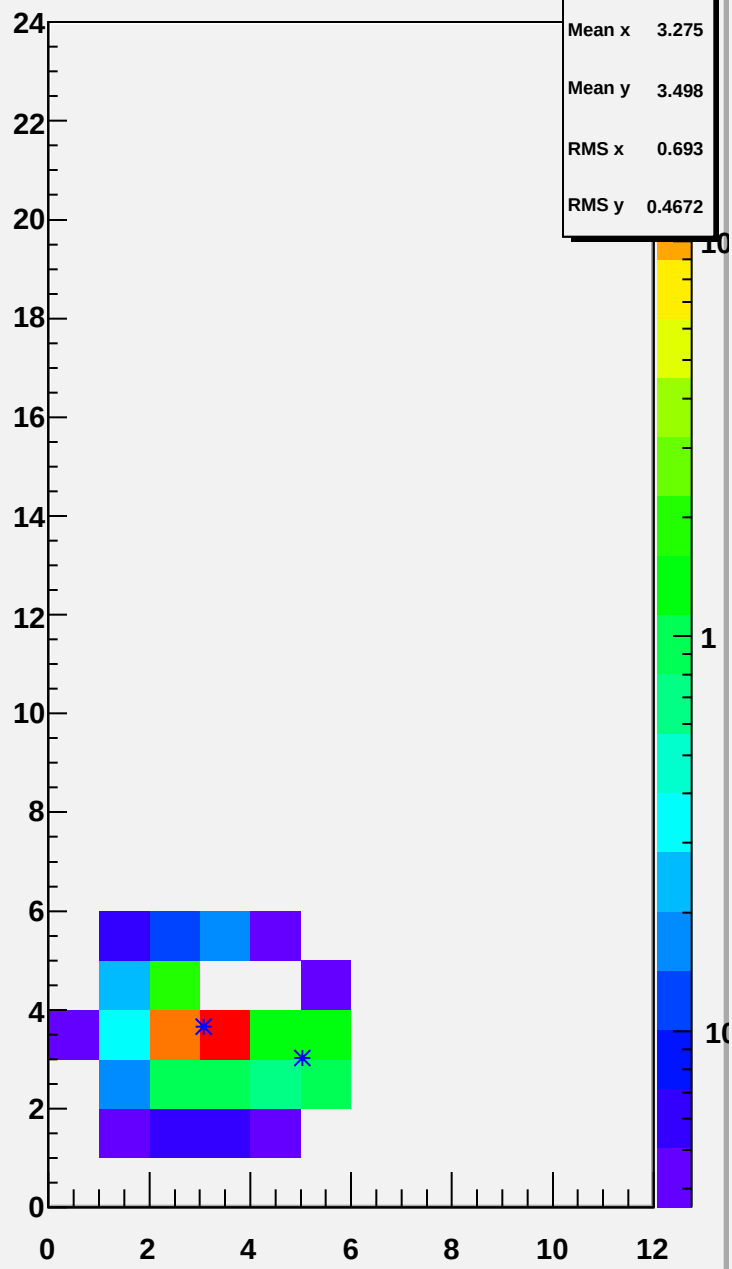
Efit

Entries	288
Mean x	2.14
Mean y	4.933
RMS x	0.9283
RMS y	5.137

NSTB3_r4_c3_En=57.5_m0=0.080 m1=0.000 index=698



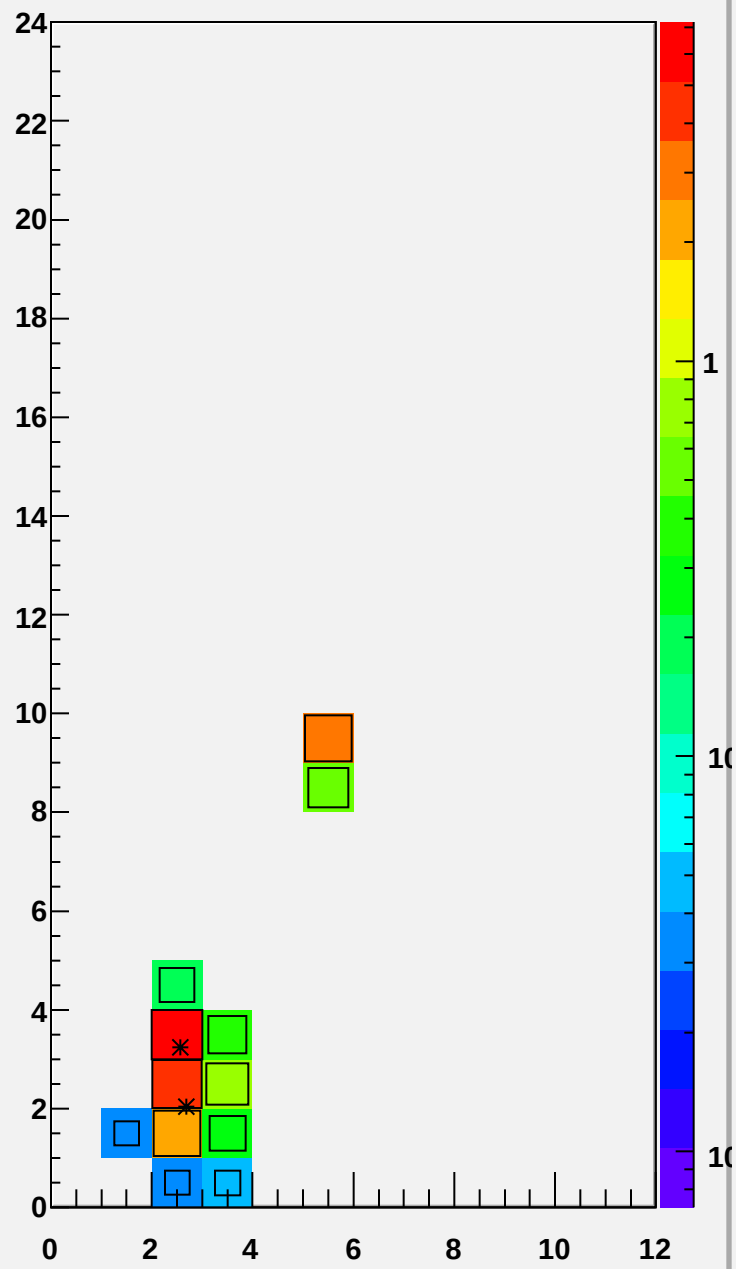
Fitted Energies



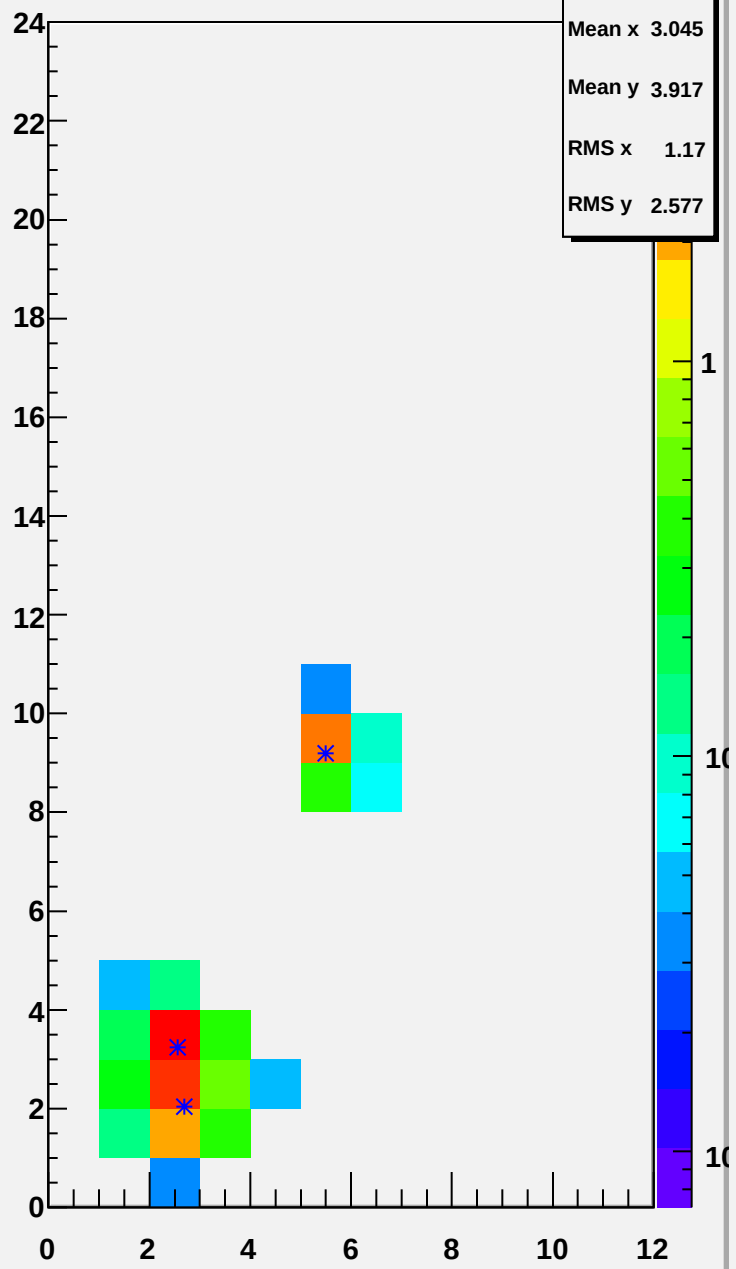
Efit

Entries	288
Mean x	3.275
Mean y	3.498
RMS x	0.693
RMS y	0.4672

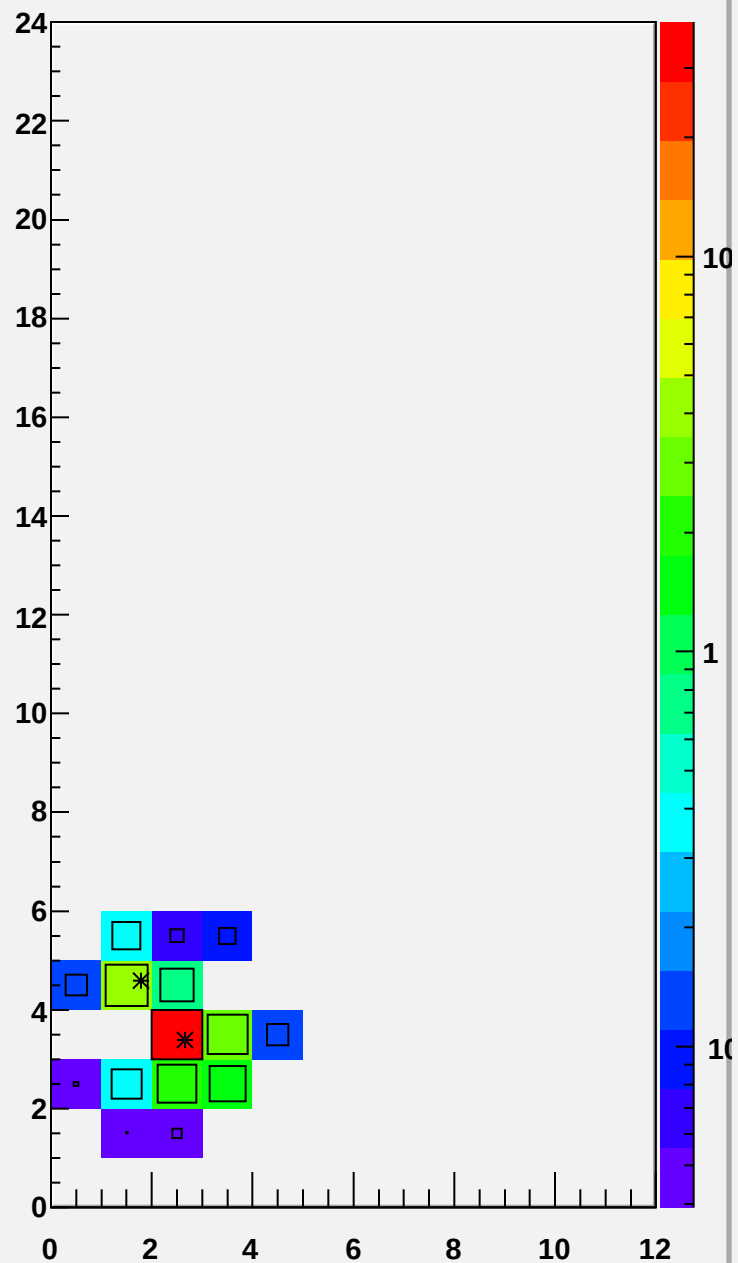
NSTB3_r4_c3_En=19.7_m0=0.058 m1=0.058 index=699



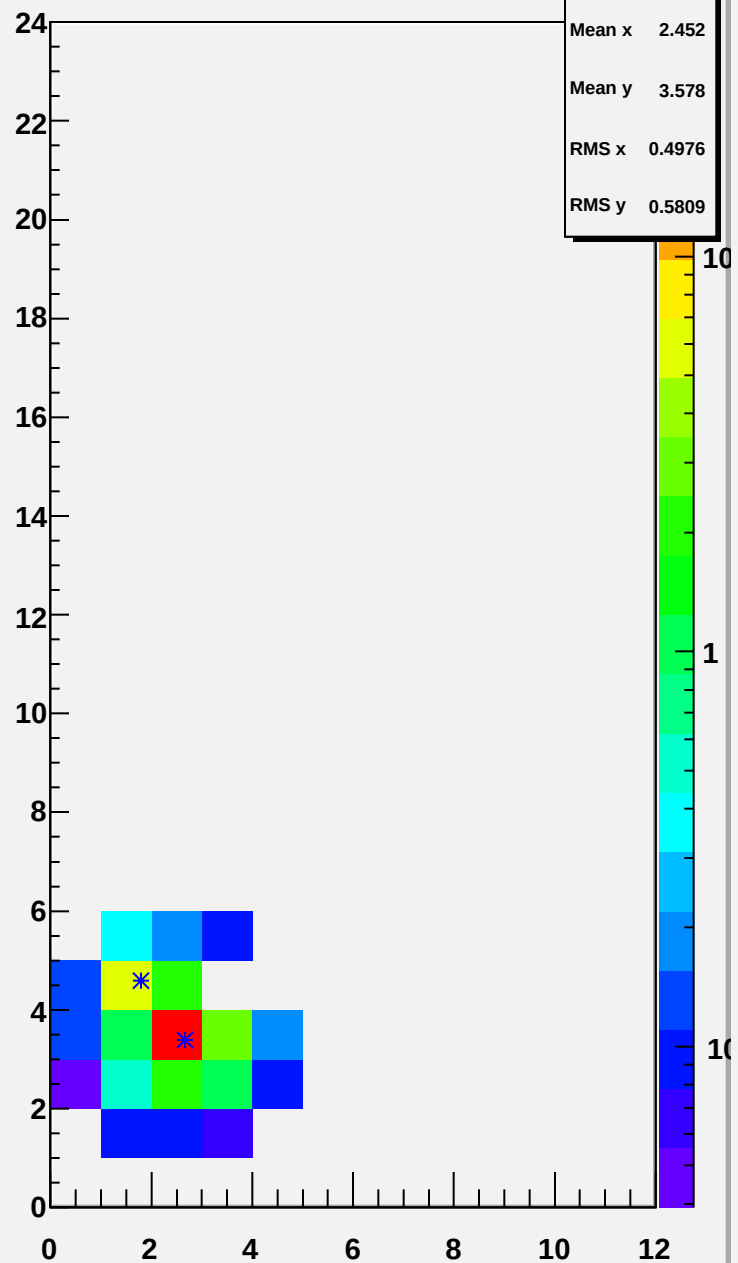
Fitted Energies



NSTB3_r4_c3_En=52.9_m0=0.144 m1=0.143 index=700



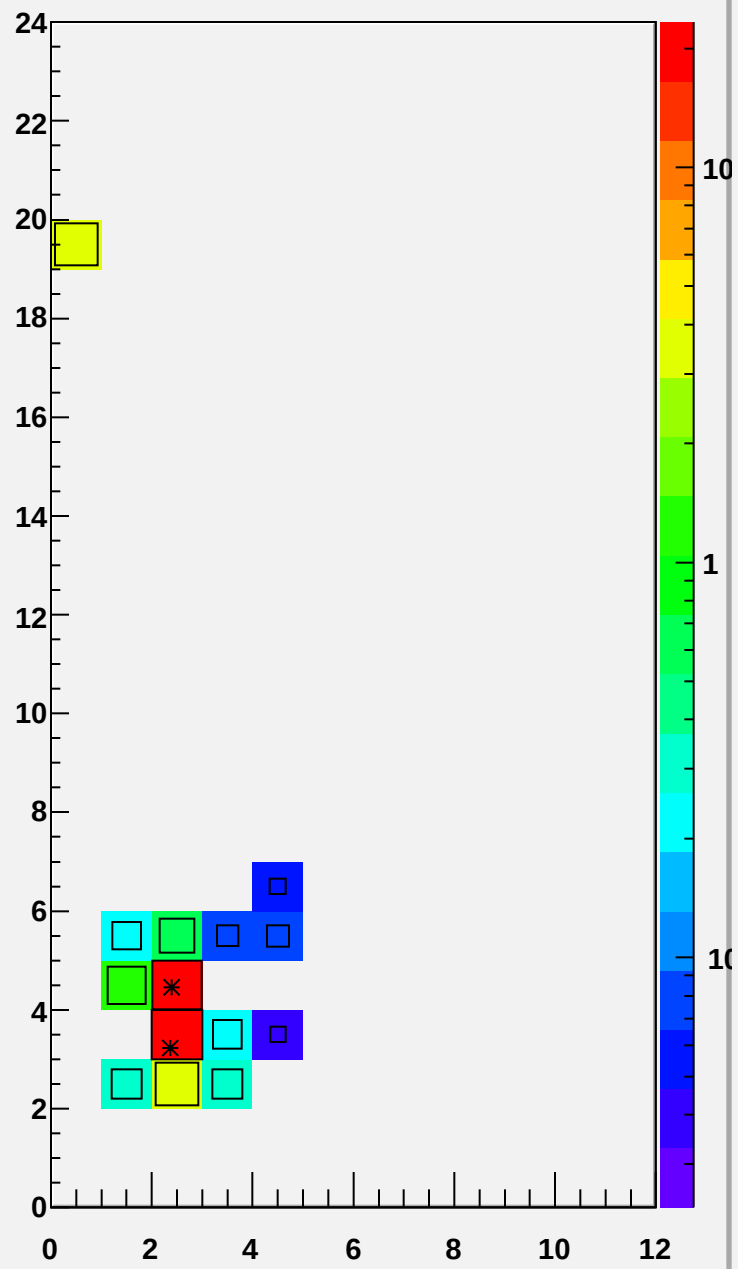
Fitted Energies



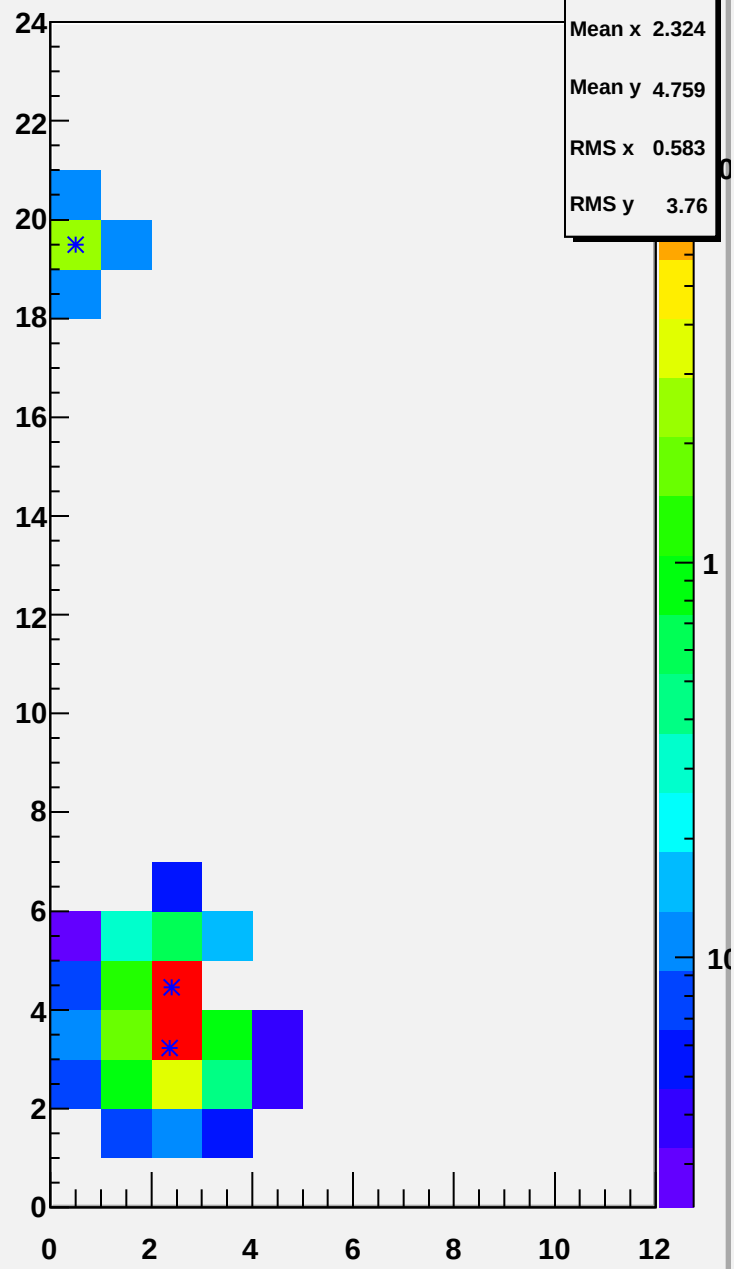
Efit

Entries	288
Mean x	2.452
Mean y	3.578
RMS x	0.4976
RMS y	0.5809

NSTB3_r4_c3_En=51.6_m0=0.172 m1=0.172 index=701



Fitted Energies



Efit

Entries 288

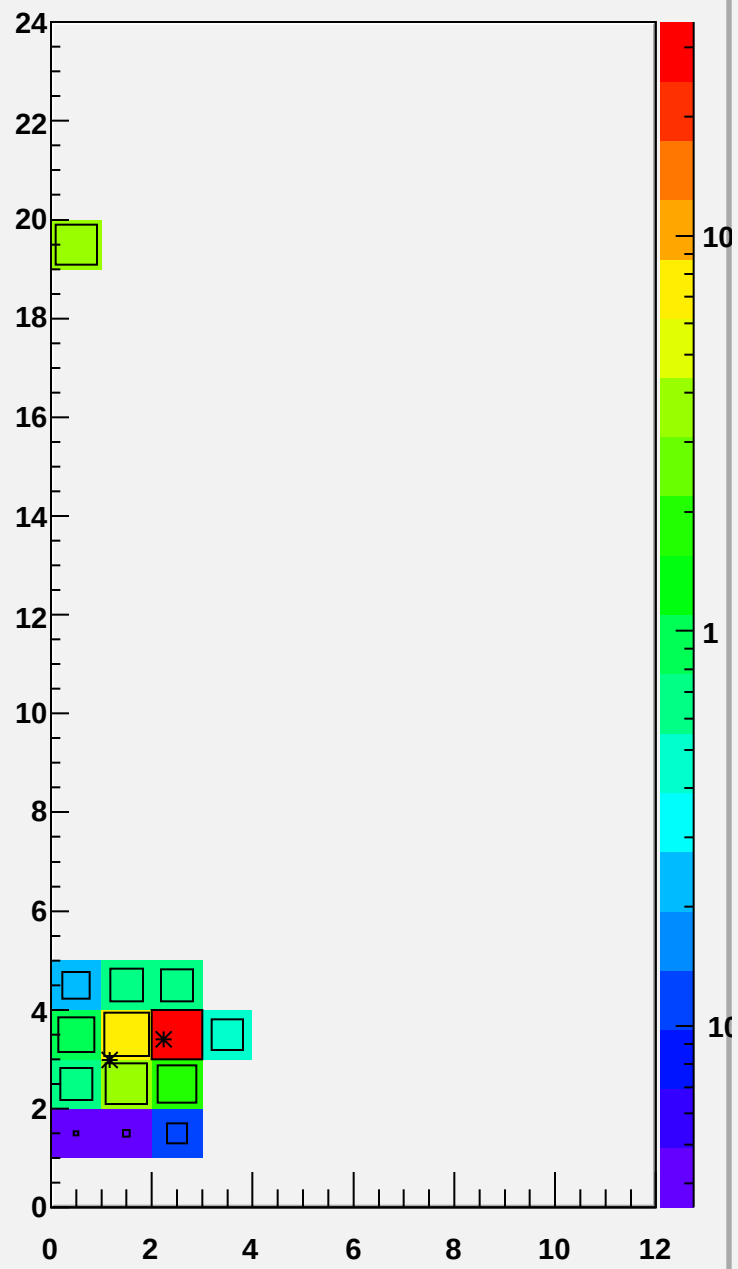
Mean x 2.324

Mean y 4.759

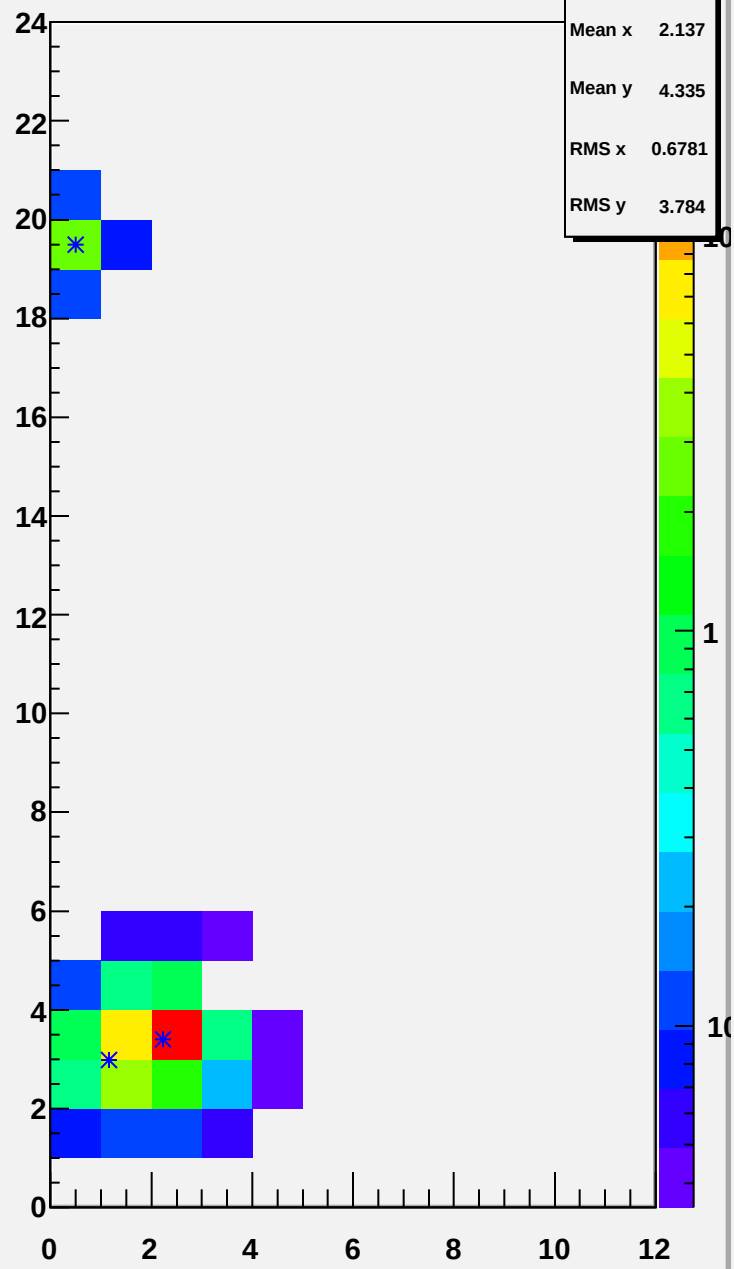
RMS x 0.583

RMS y 3.76

NSTB3_r4_c3_En=54.4_m0=0.107 m1=0.106 index=702



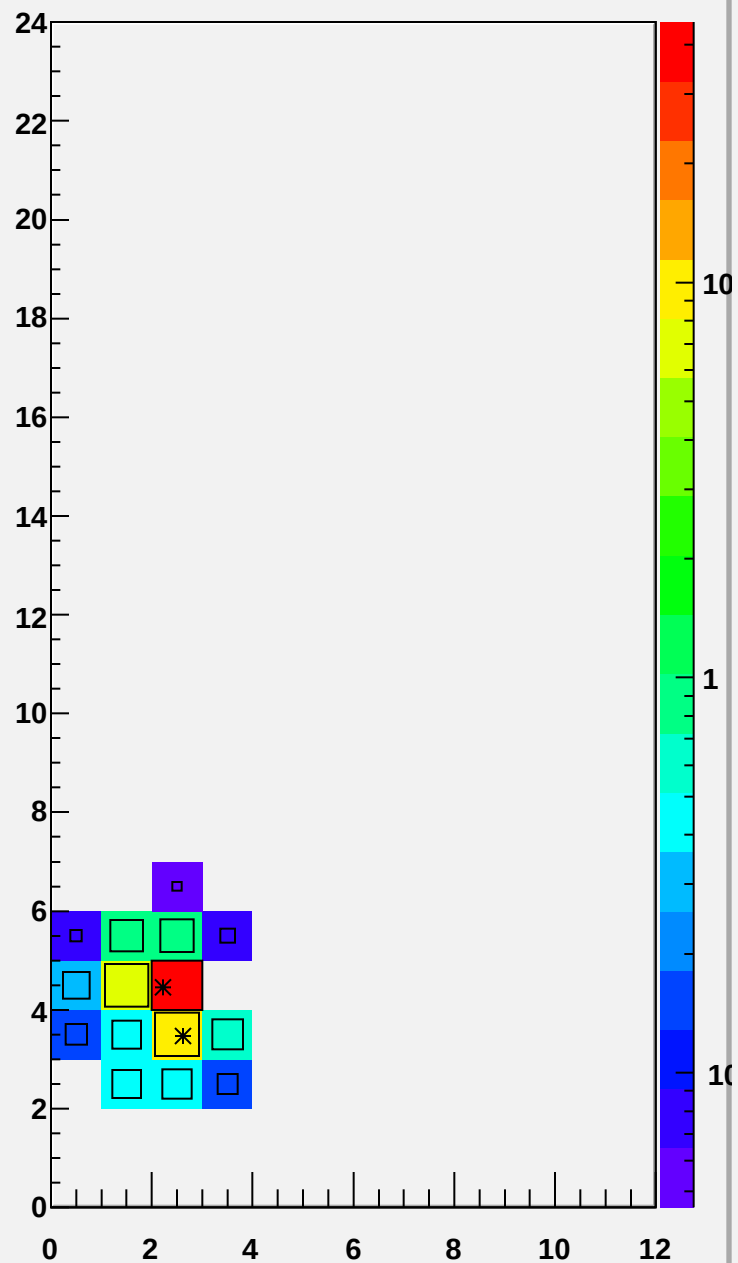
Fitted Energies



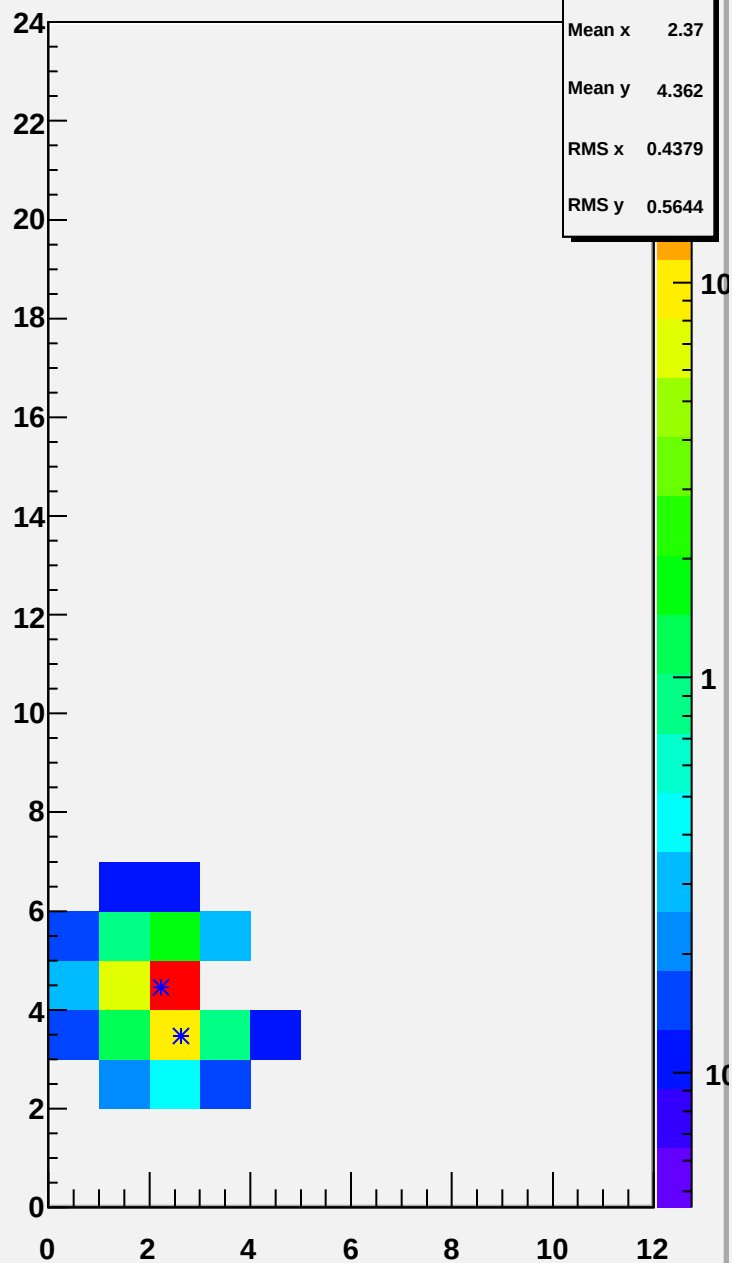
Efit

Entries	288
Mean x	2.137
Mean y	4.335
RMS x	0.6781
RMS y	3.784

NSTB3_r4_c3_En=67.2_m0=0.131 m1=0.132 index=704



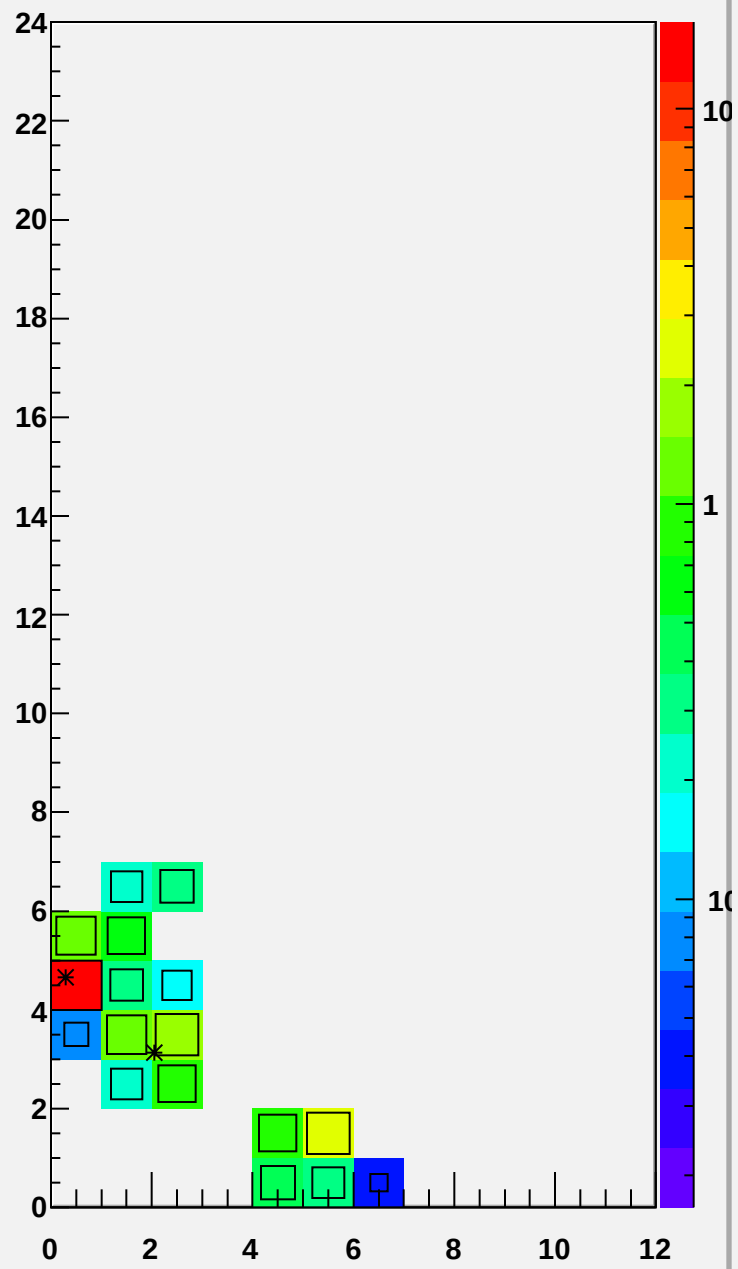
Fitted Energies



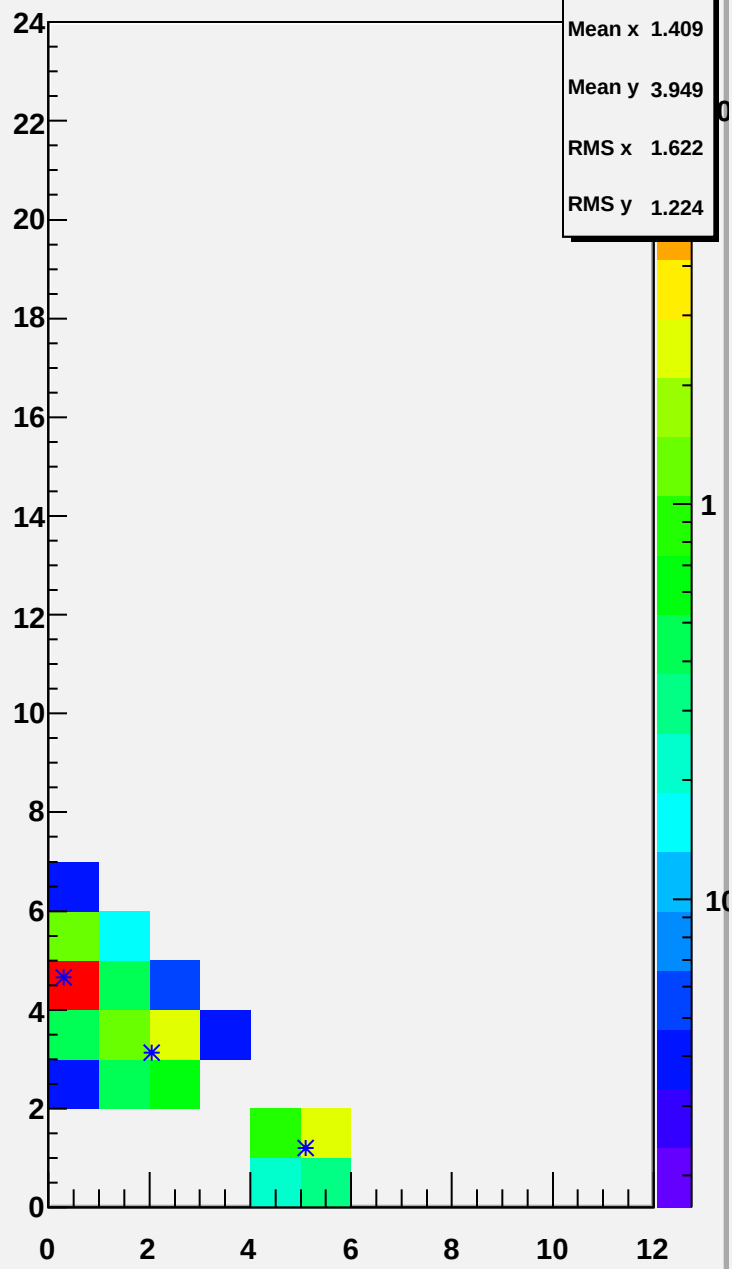
Efit

Entries	288
Mean x	2.37
Mean y	4.362
RMS x	0.4379
RMS y	0.5644

NSTB3_r4_c3_En=27.4_m0=0.124_m1=0.124_index=706



Fitted Energies



Efit

Entries 288

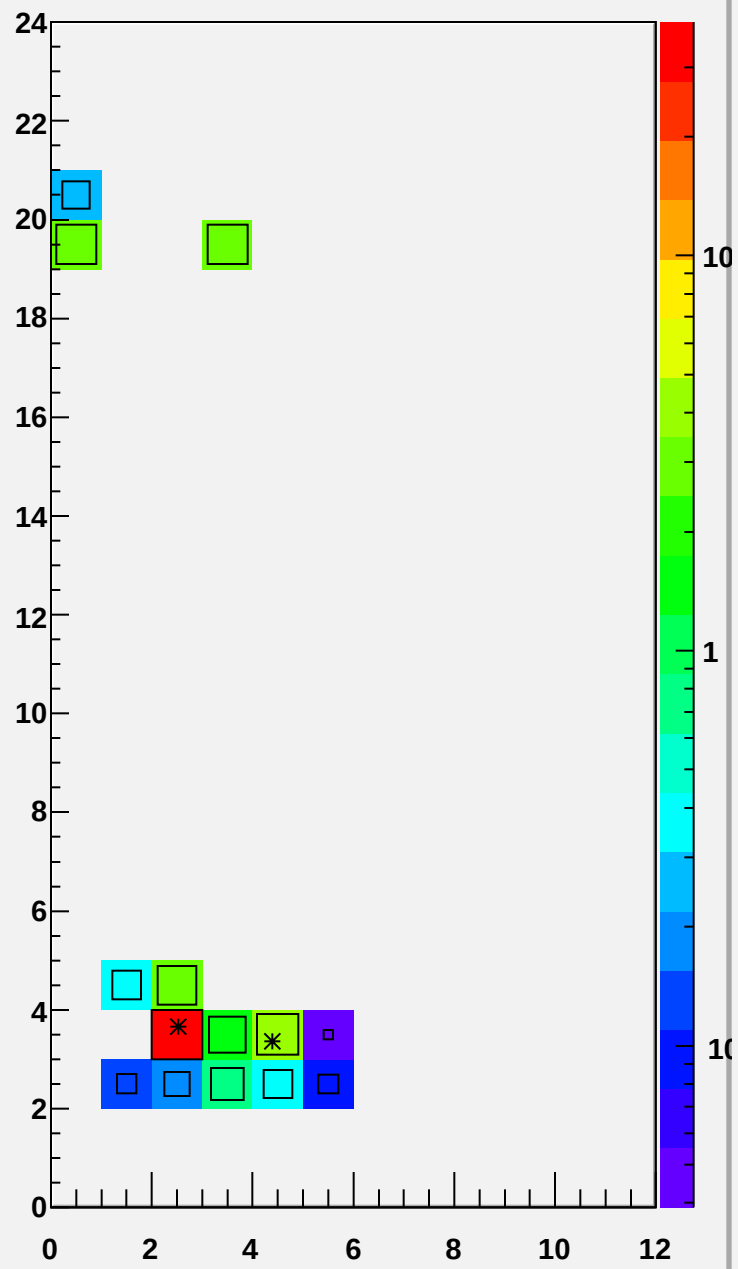
Mean x 1.409

Mean y 3.949

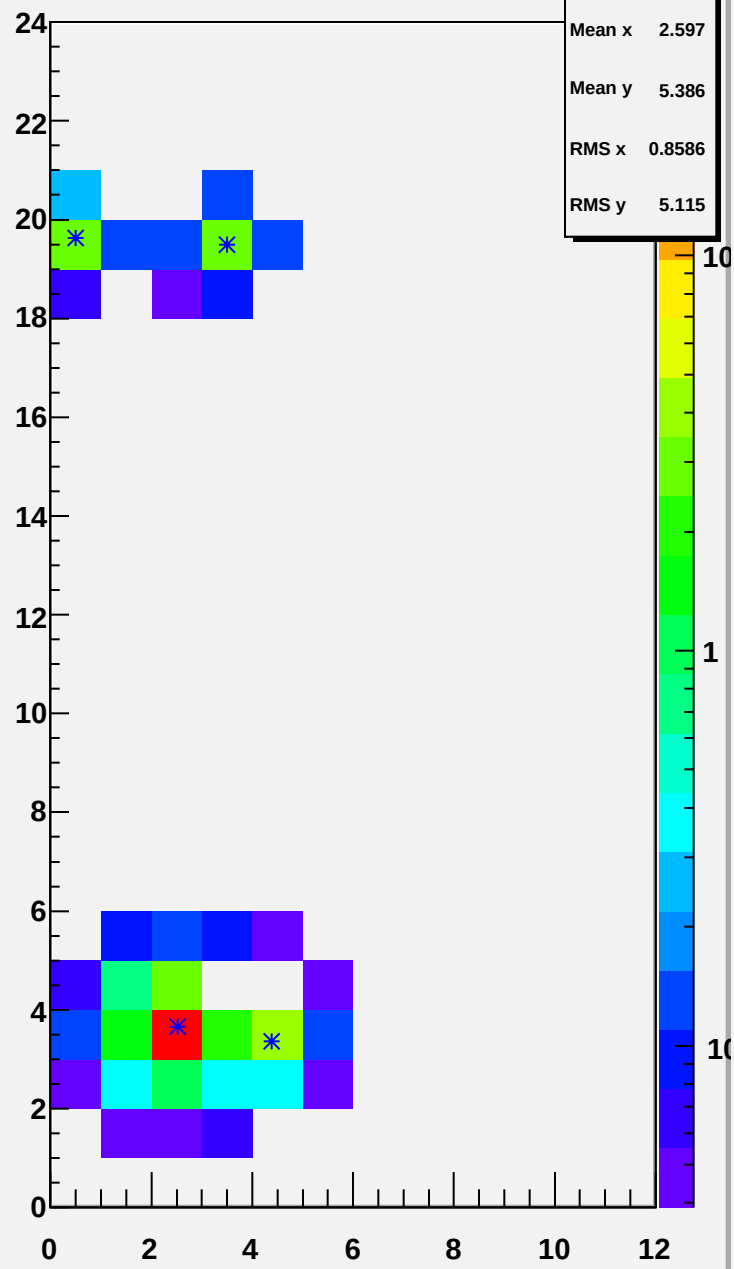
RMS x 1.622

RMS y 1.224

NSTB3_r4_c3_En=55.9_m0=0.163 m1=0.164 index=707



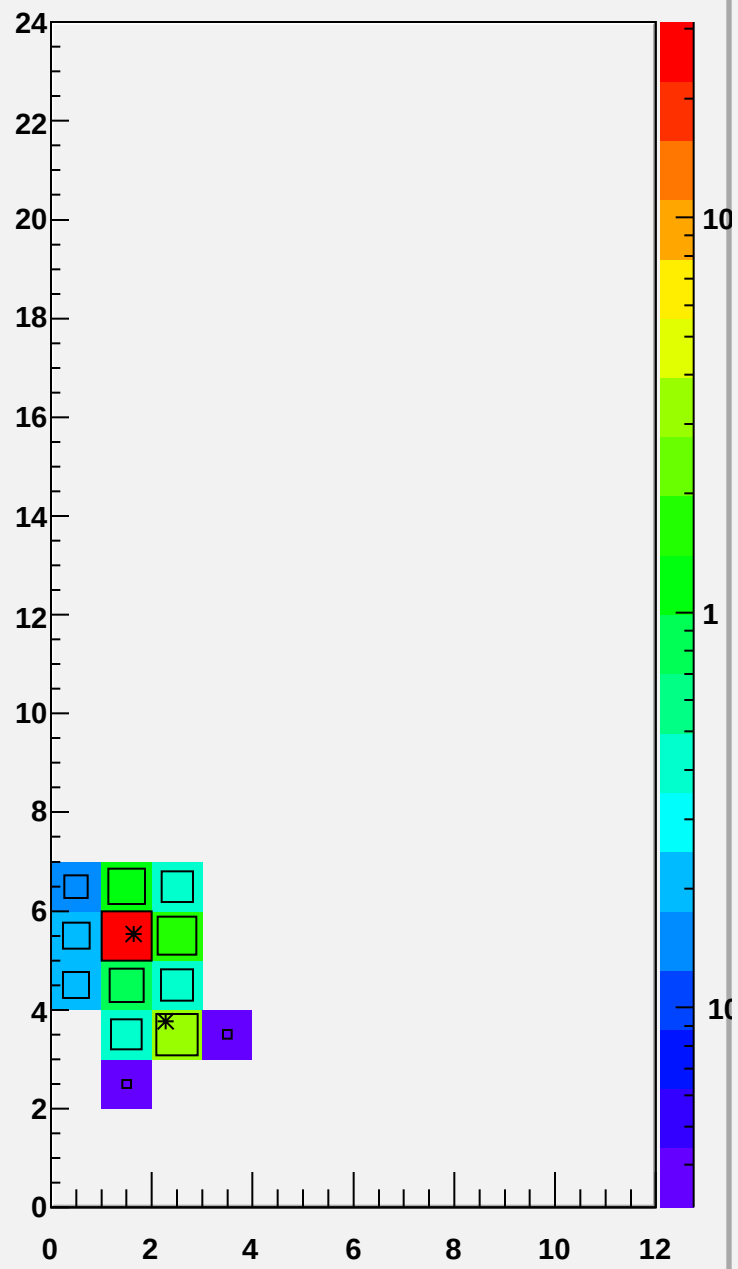
Fitted Energies



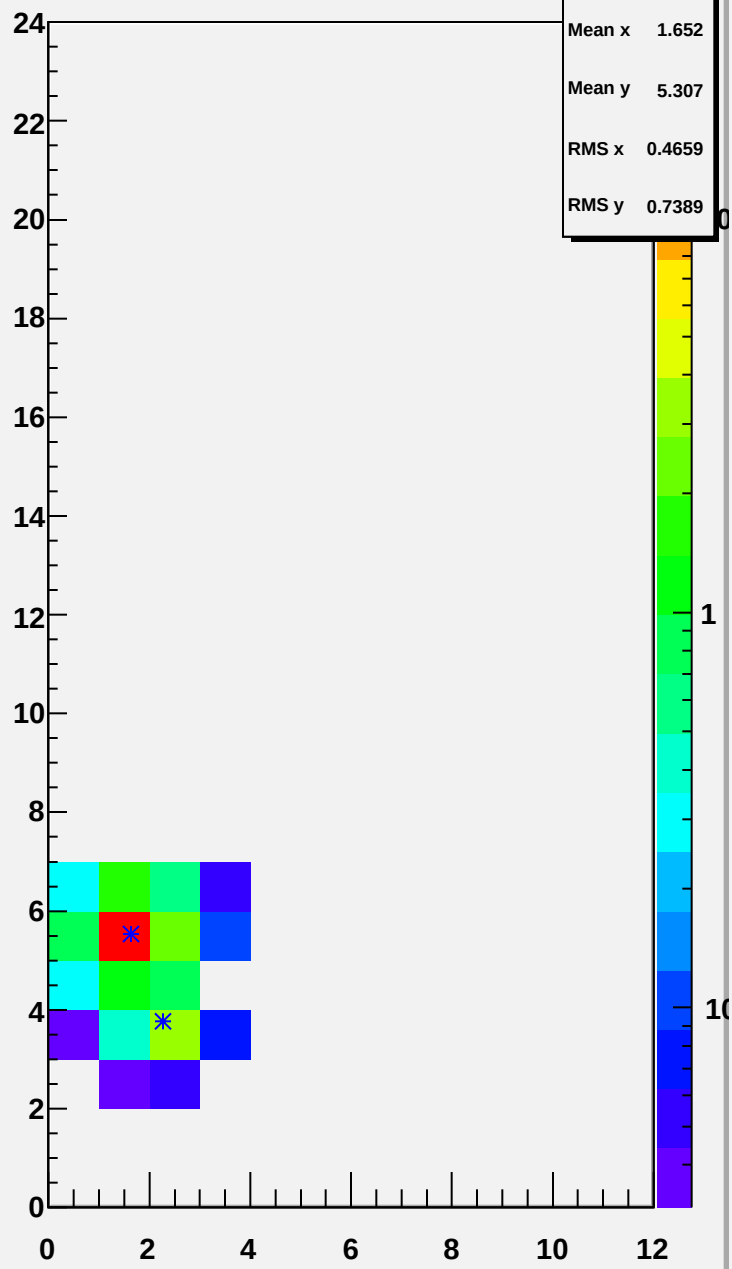
Efit

Entries	288
Mean x	2.597
Mean y	5.386
RMS x	0.8586
RMS y	5.115

NSTB3_r4_c3_En=40.4_m0=0.142 m1=0.142 index=708



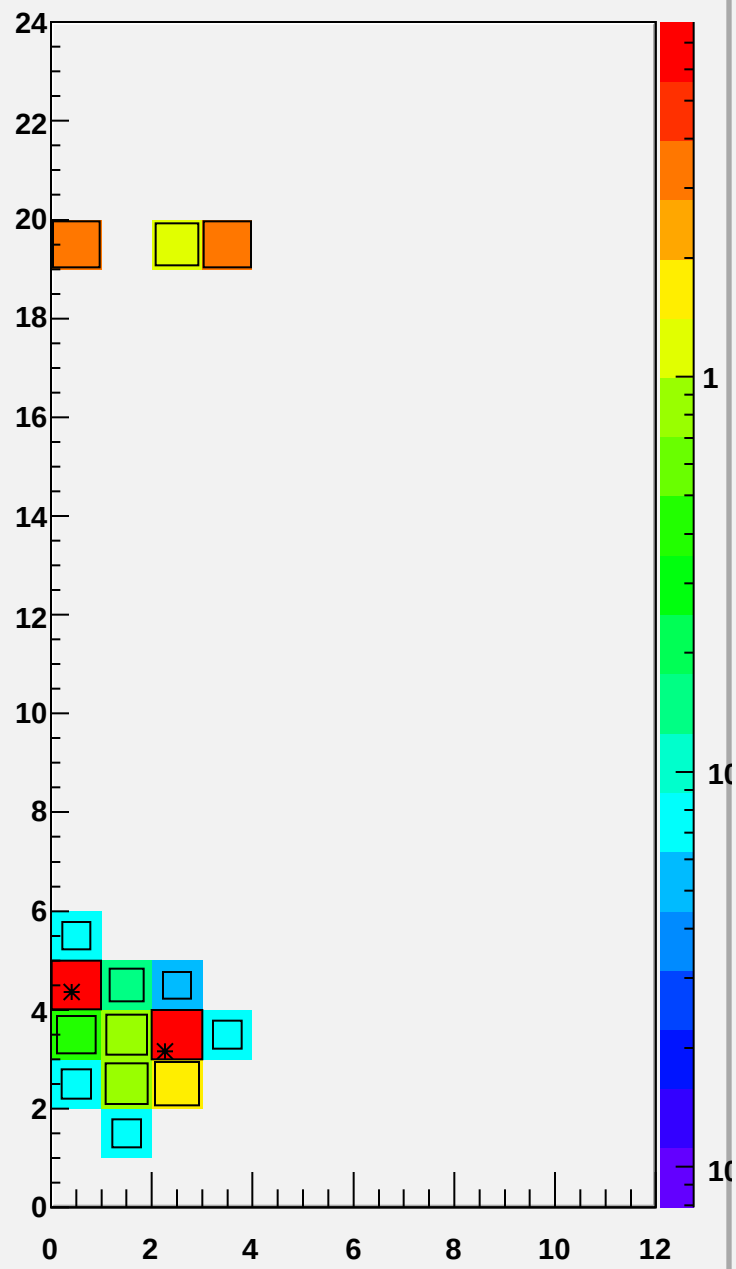
Fitted Energies



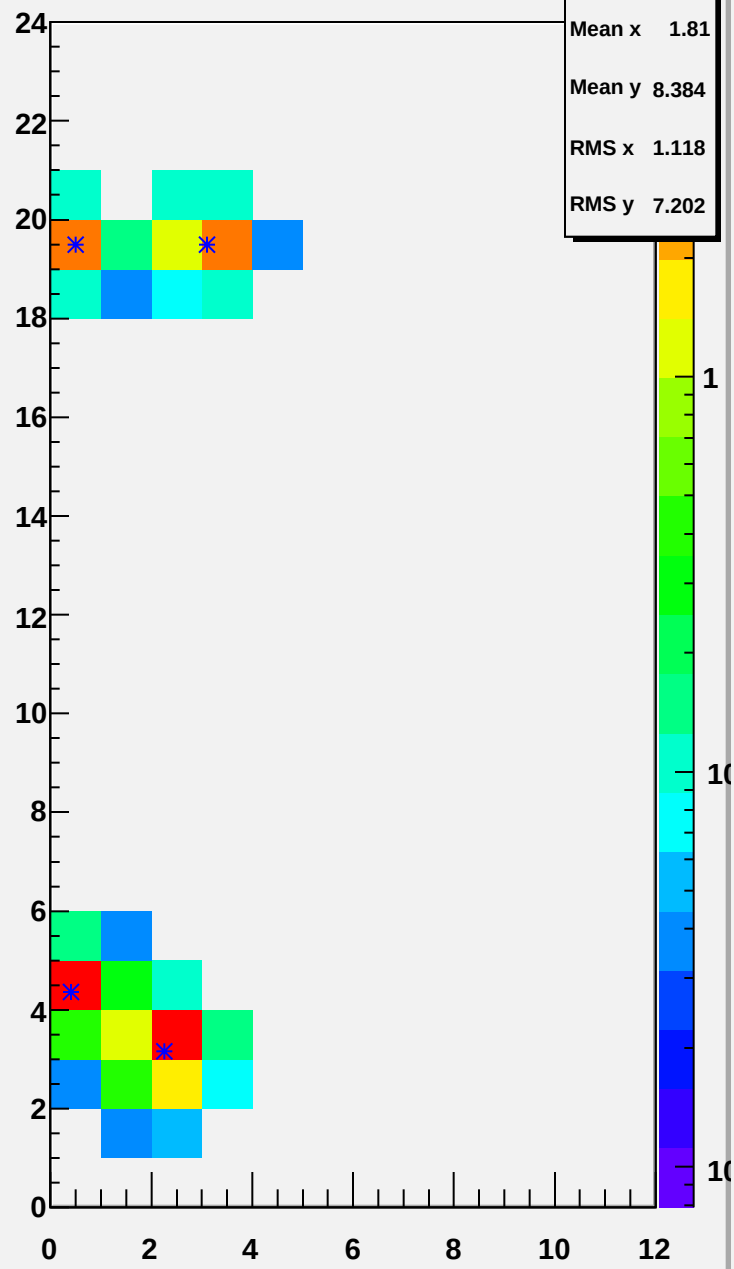
Efit

Entries	288
Mean x	1.652
Mean y	5.307
RMS x	0.4659
RMS y	0.7389

NSTB3_r4_c3_En=25.9_m0=0.115_m1=0.115_index=709



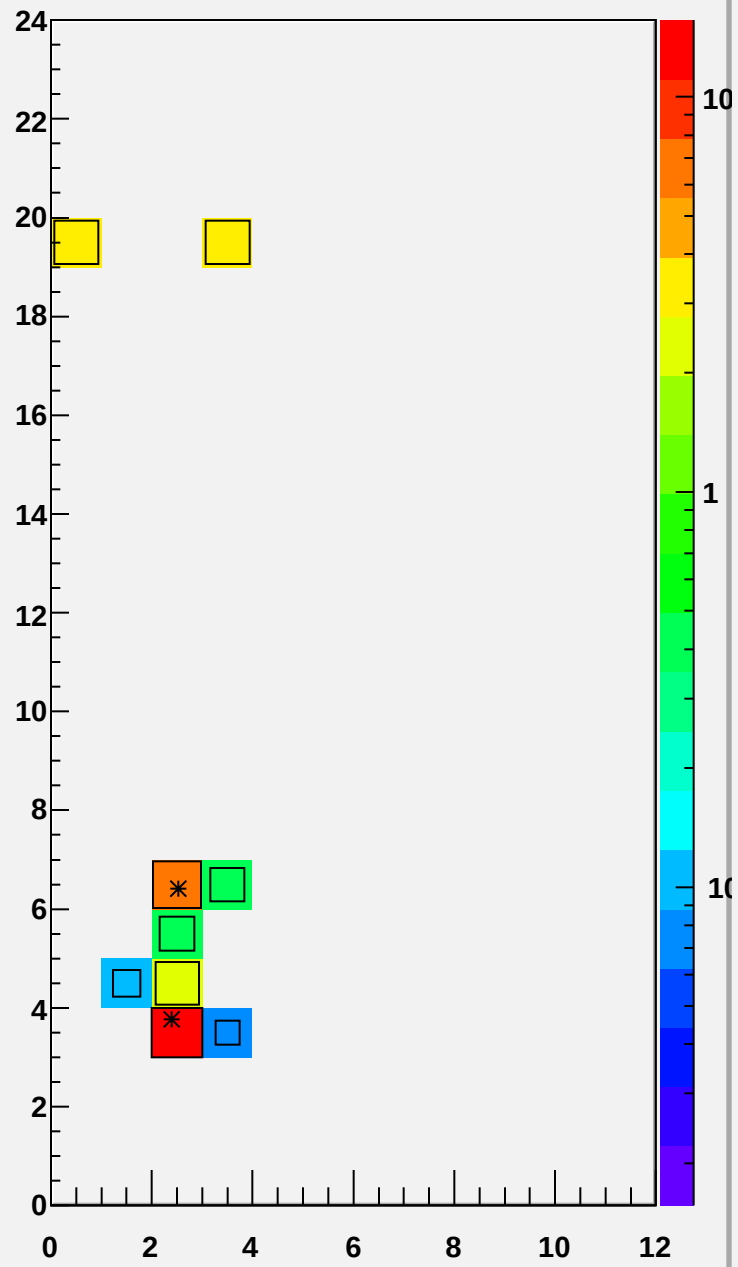
Fitted Energies



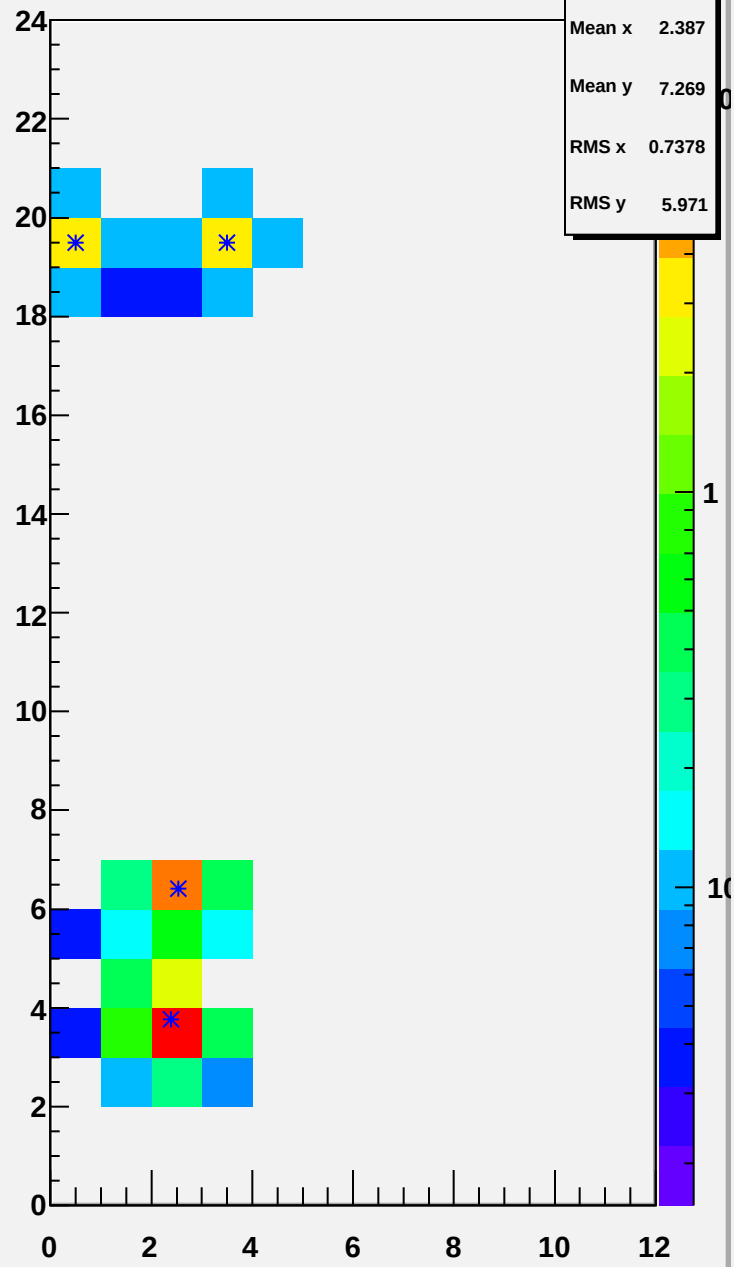
Efit

Entries 288
Mean x 1.81
Mean y 8.384
RMS x 1.118
RMS y 7.202

NSTB3_r4_c3_En=32.9_m0=0.197_m1=0.197_index=710



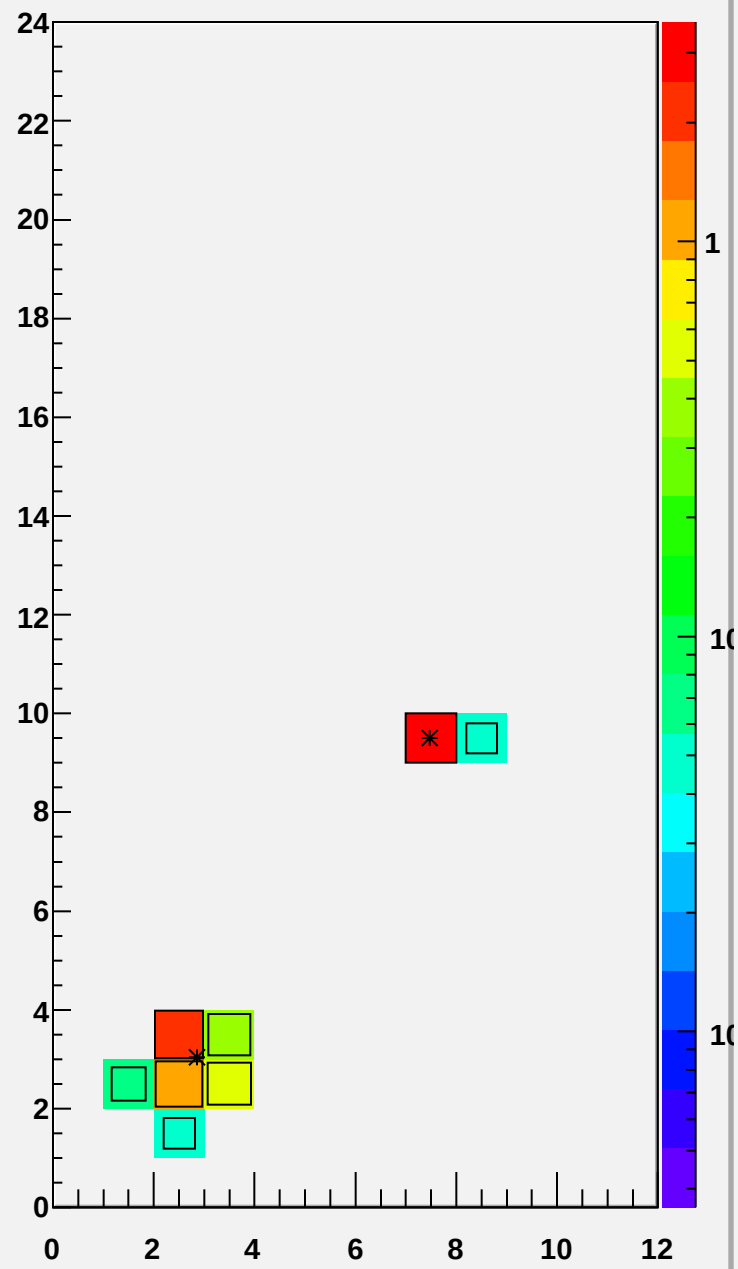
Fitted Energies



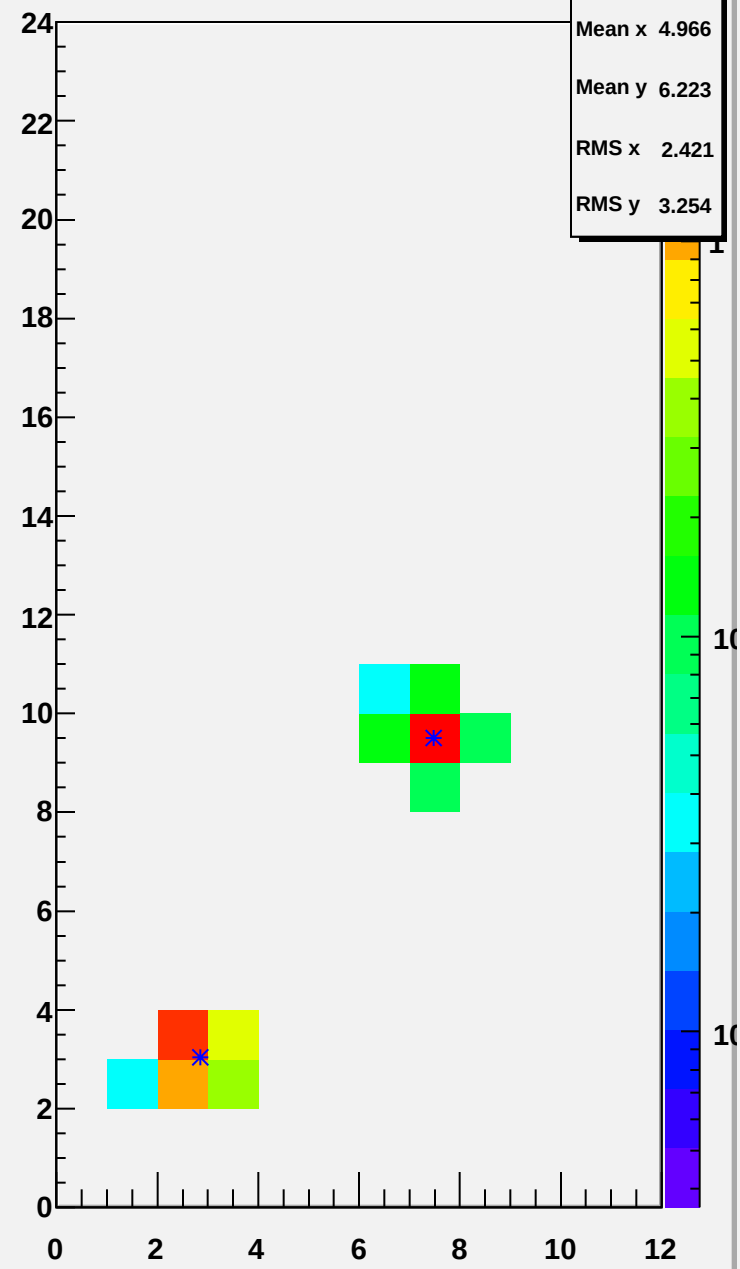
Efit

Entries	288
Mean x	2.387
Mean y	7.269
RMS x	0.7378
RMS y	5.971

NSTB3_r4_c3_En= 8.1_m0=0.188 m1=0.188 index=711



Fitted Energies



Efit

Entries 288

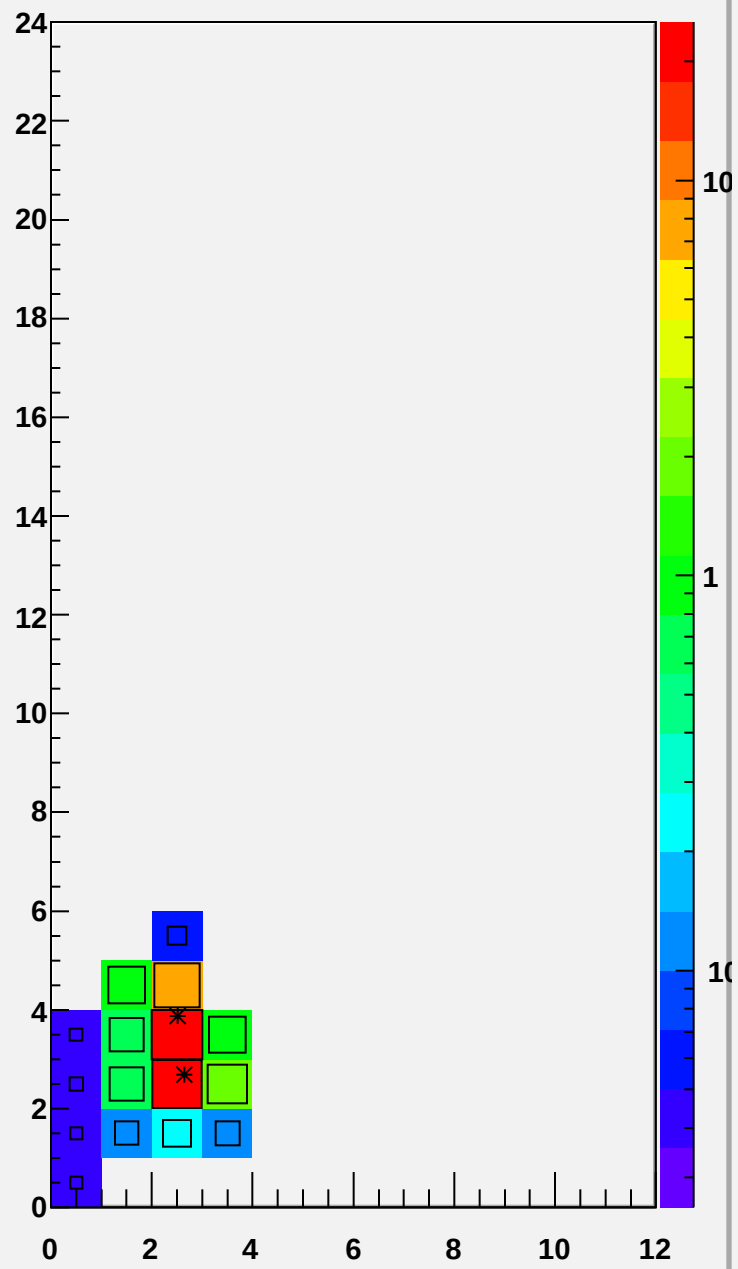
Mean x 4.966

Mean y 6.223

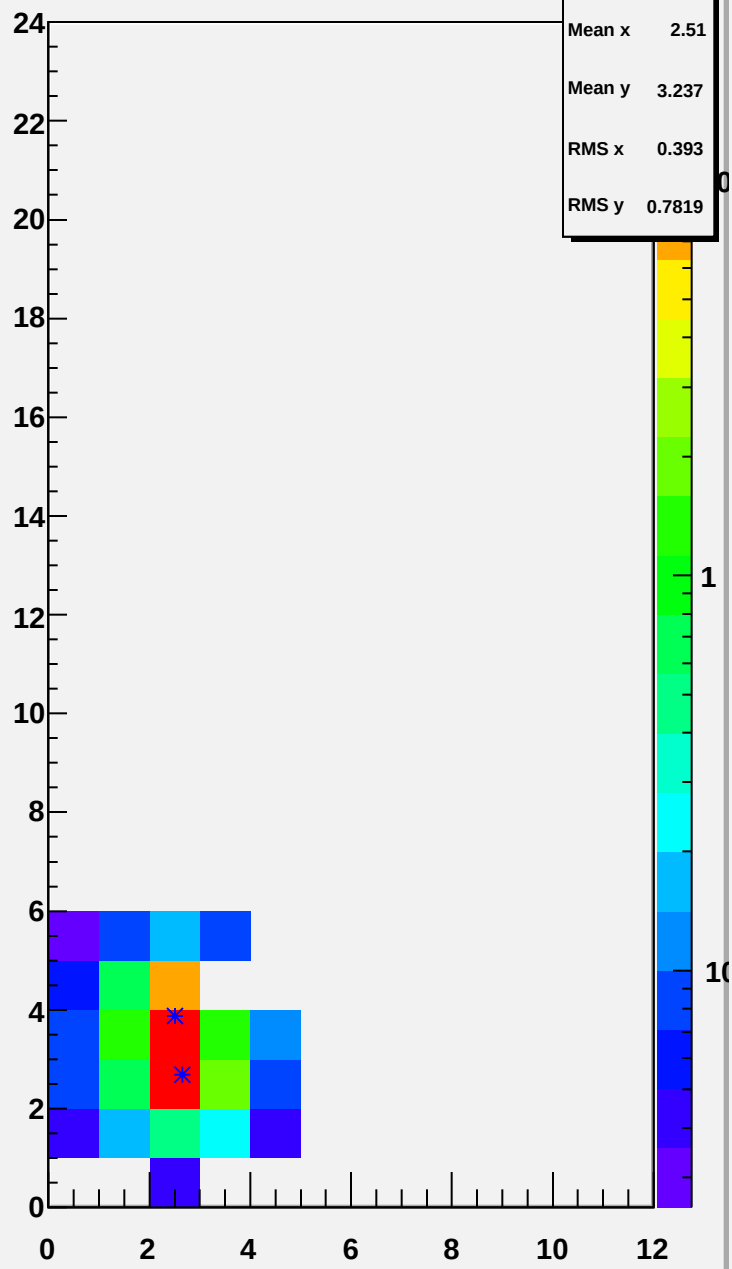
RMS x 2.421

RMS y 3.254

NSTB3_r4_c3_En=56.9_m0=0.187 m1=0.187 index=712



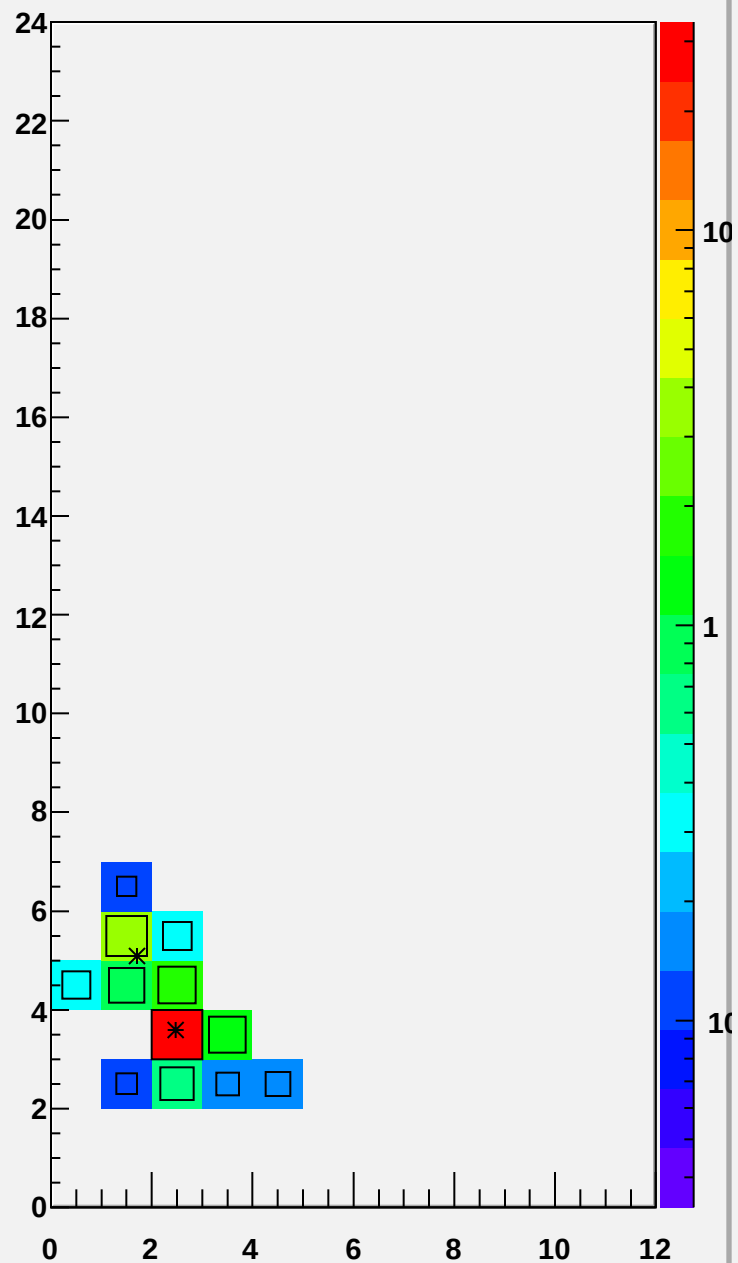
Fitted Energies



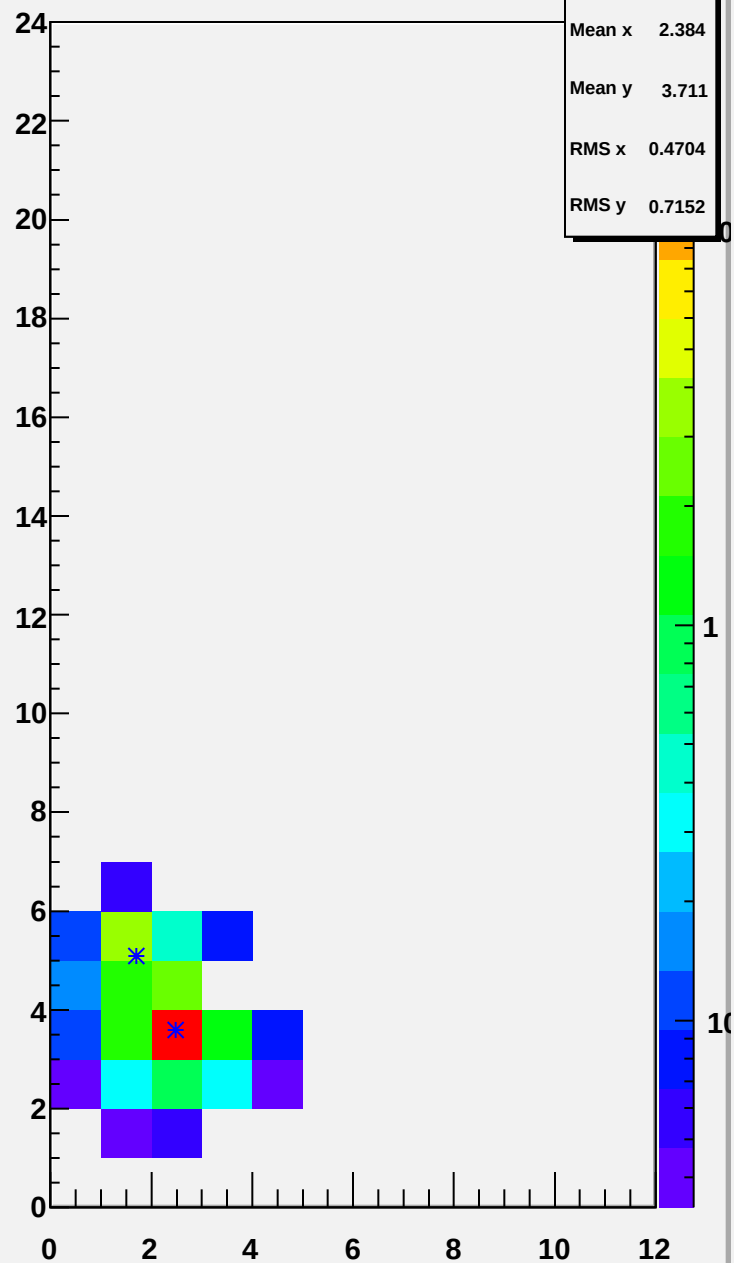
Efit

Entries	288
Mean x	2.51
Mean y	3.237
RMS x	0.393
RMS y	0.7819

NSTB3_r4_c3_En=42.4_m0=0.131 m1=0.132 index=714



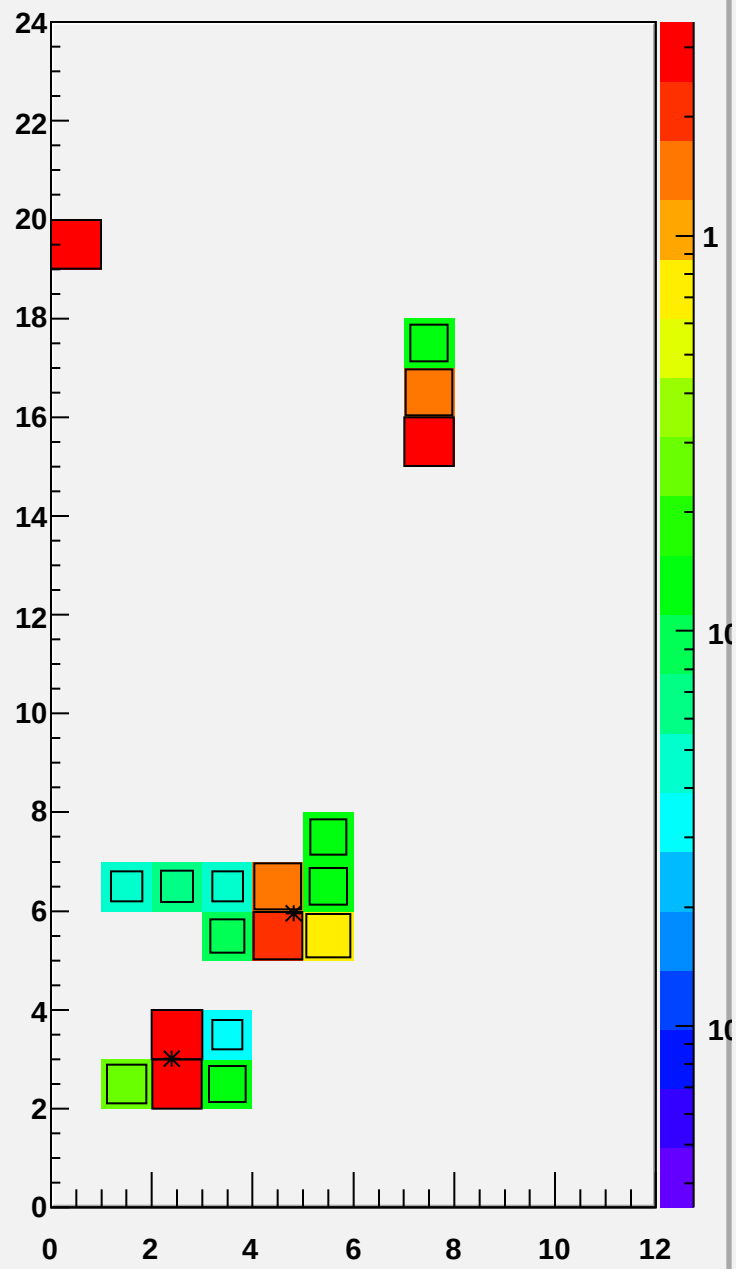
Fitted Energies



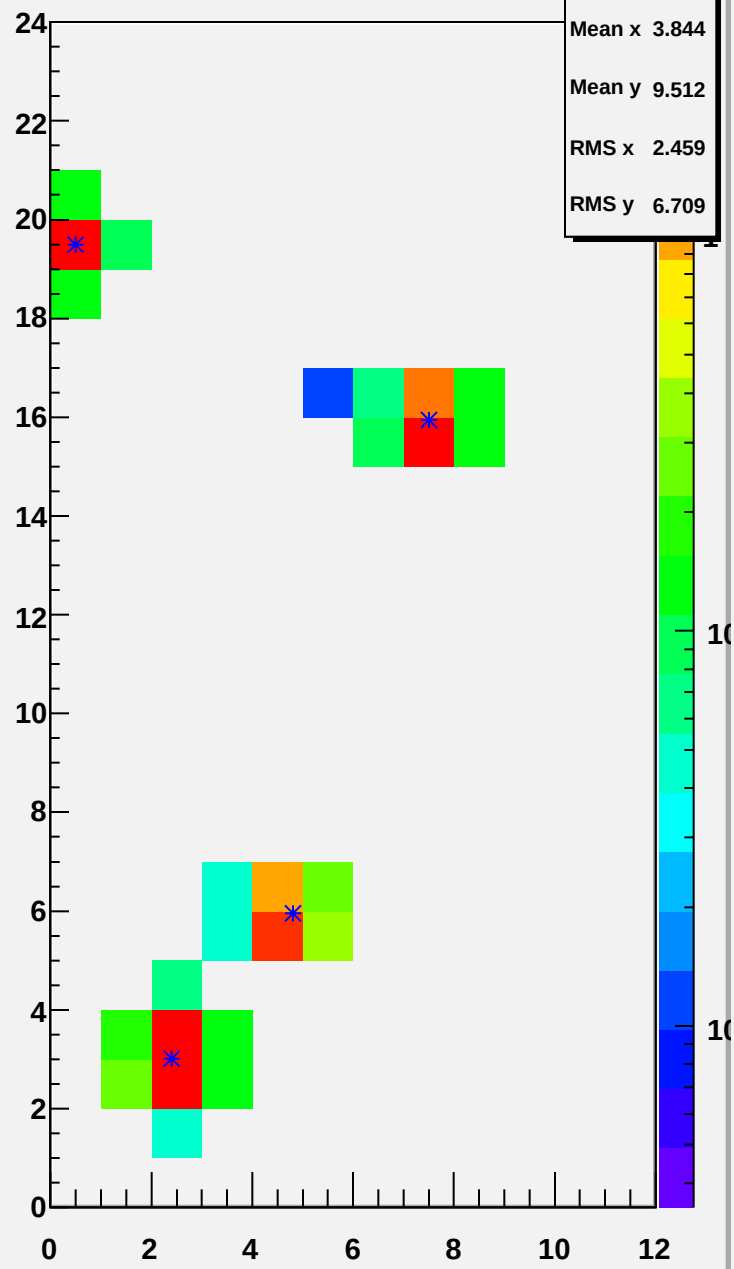
Efit

Entries	288
Mean x	2.384
Mean y	3.711
RMS x	0.4704
RMS y	0.7152

NSTB3_r4_c3_En=19.3_m0=0.122_m1=0.122_index=716



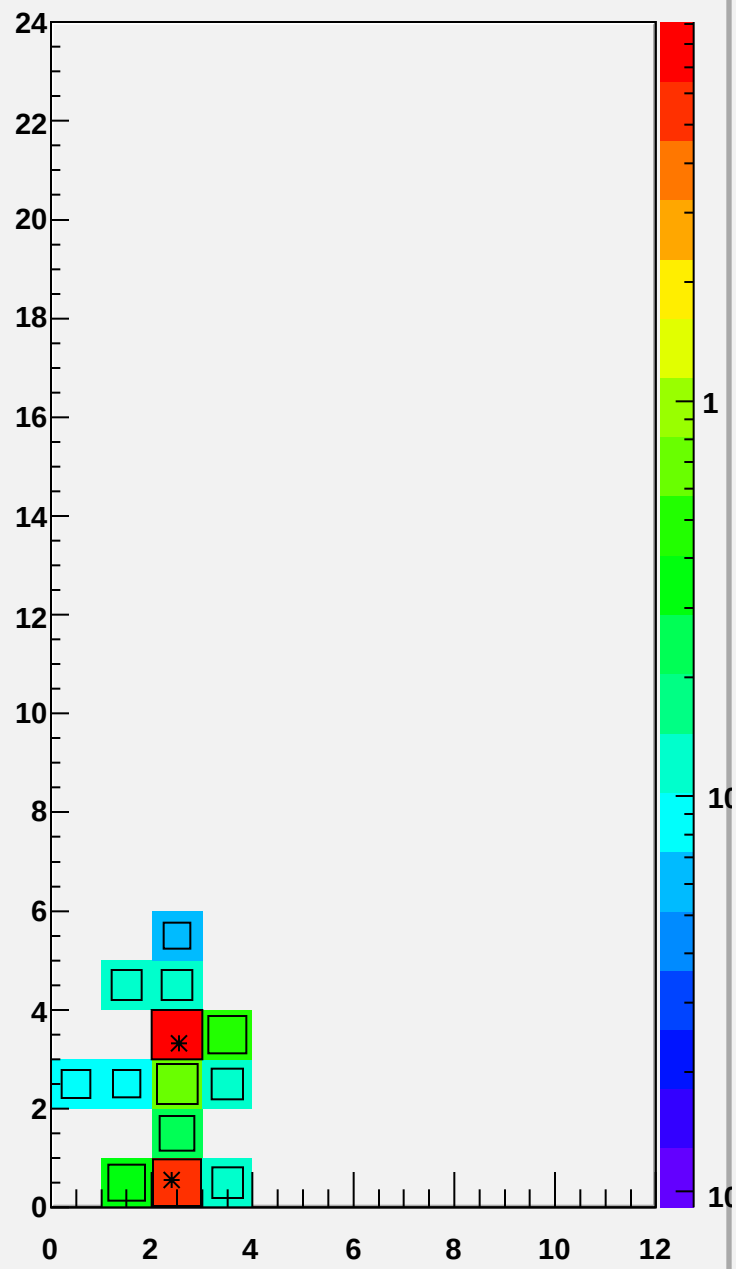
Fitted Energies



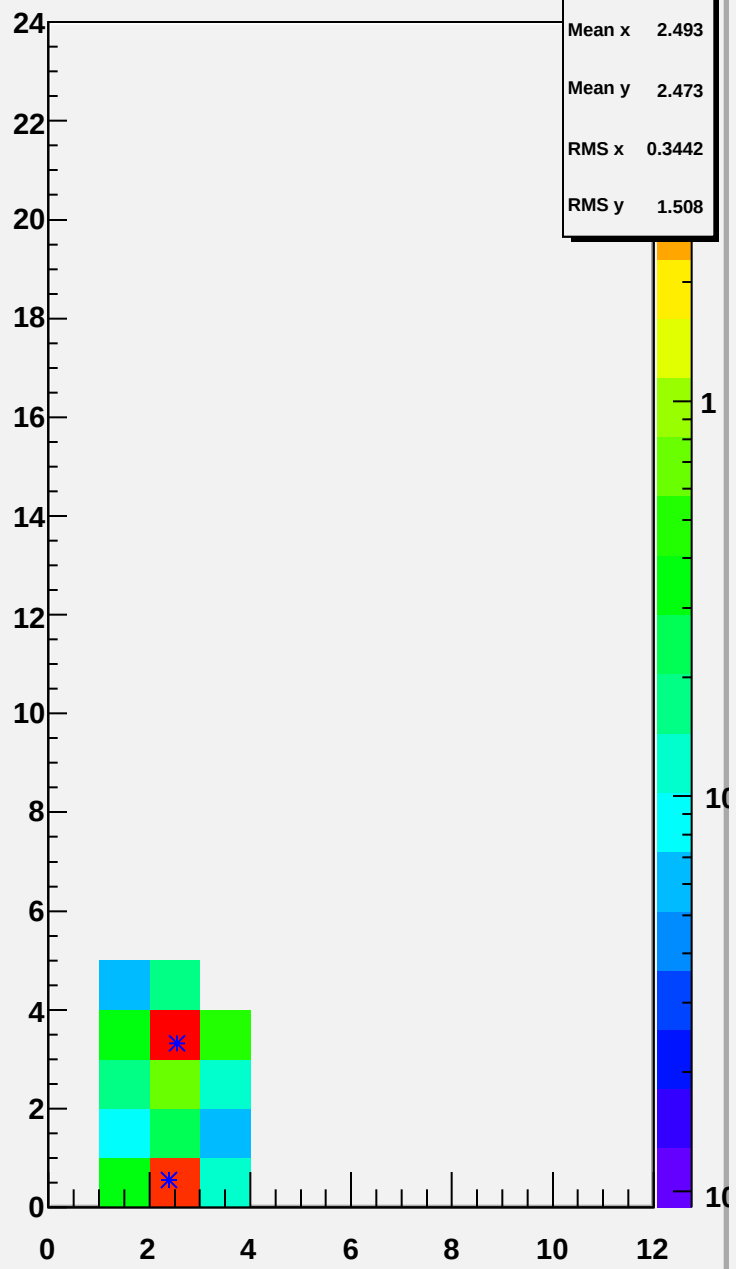
Efit

Entries 288
Mean x 3.844
Mean y 9.512
RMS x 2.459
RMS y 6.709

NSTB3_r4_c3_En=16.7_m0=0.129 m1=0.129 index=717



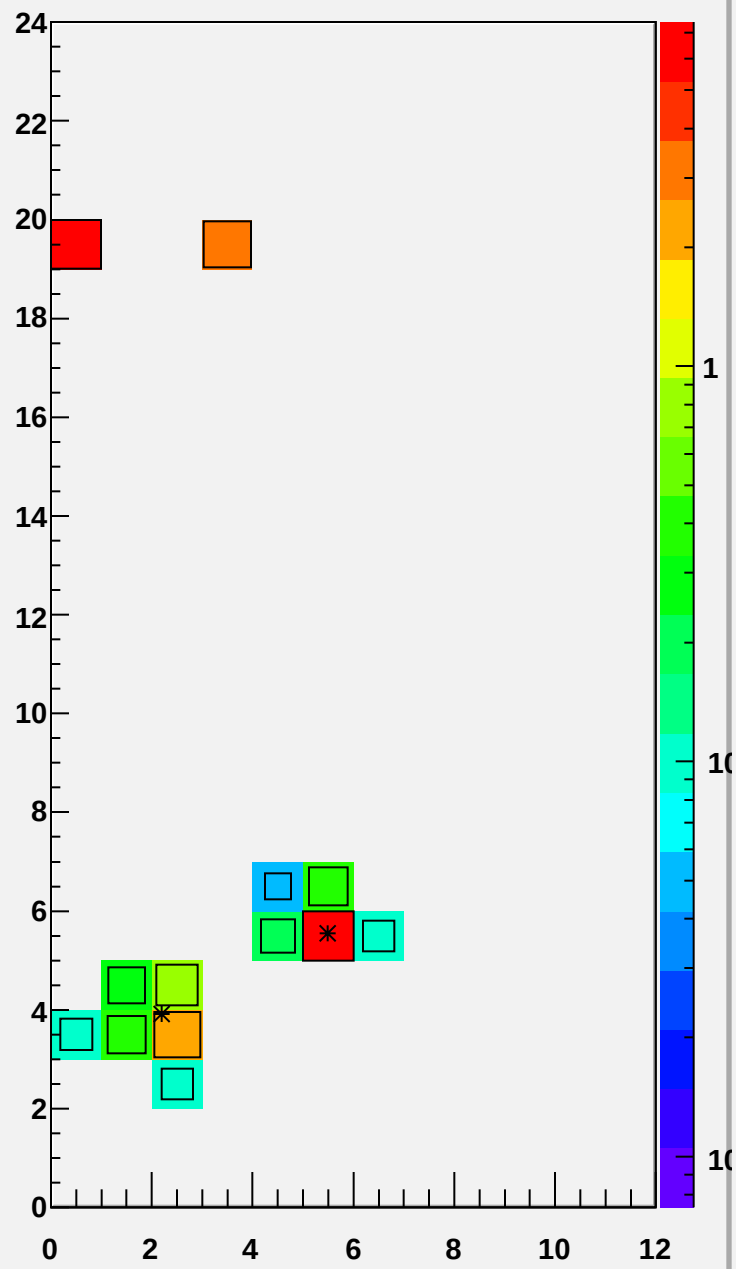
Fitted Energies



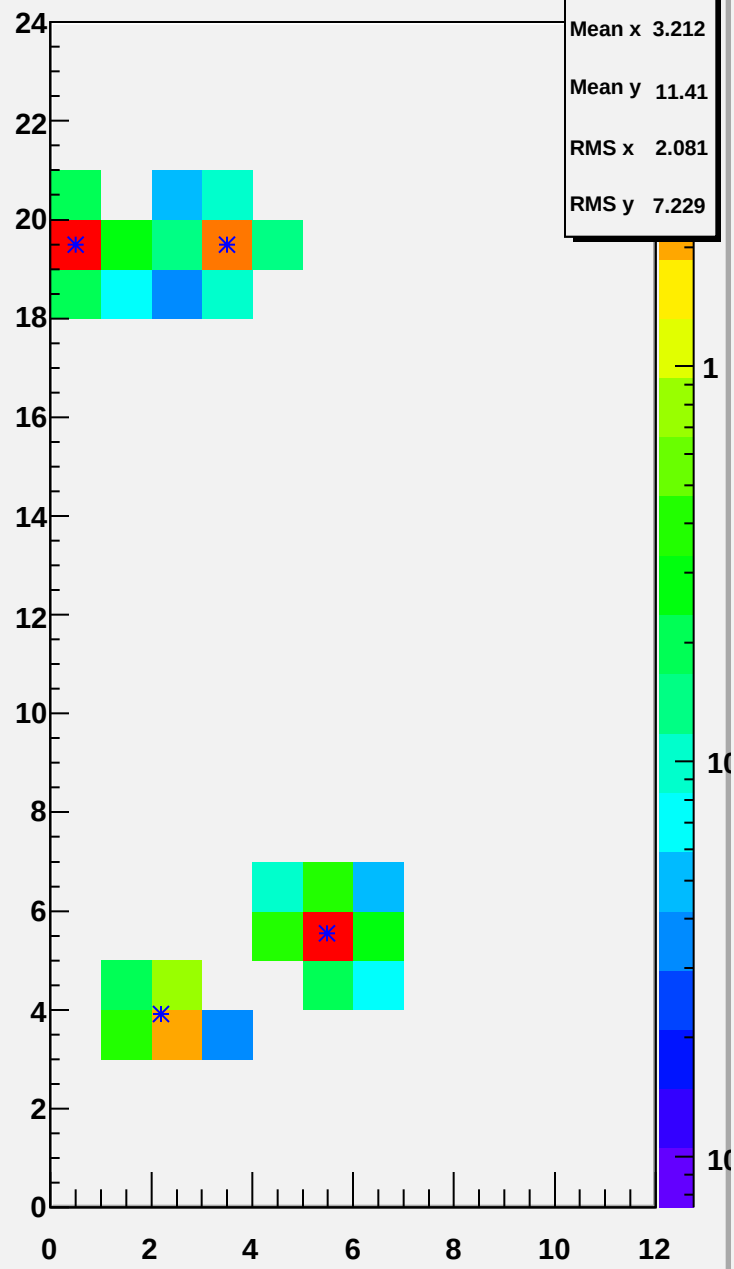
Efit

Entries	288
Mean x	2.493
Mean y	2.473
RMS x	0.3442
RMS y	1.508

NSTB3_r4_c3_En=21.9_m0=0.122_m1=0.122_index=719



Fitted Energies



Efit

Entries 288

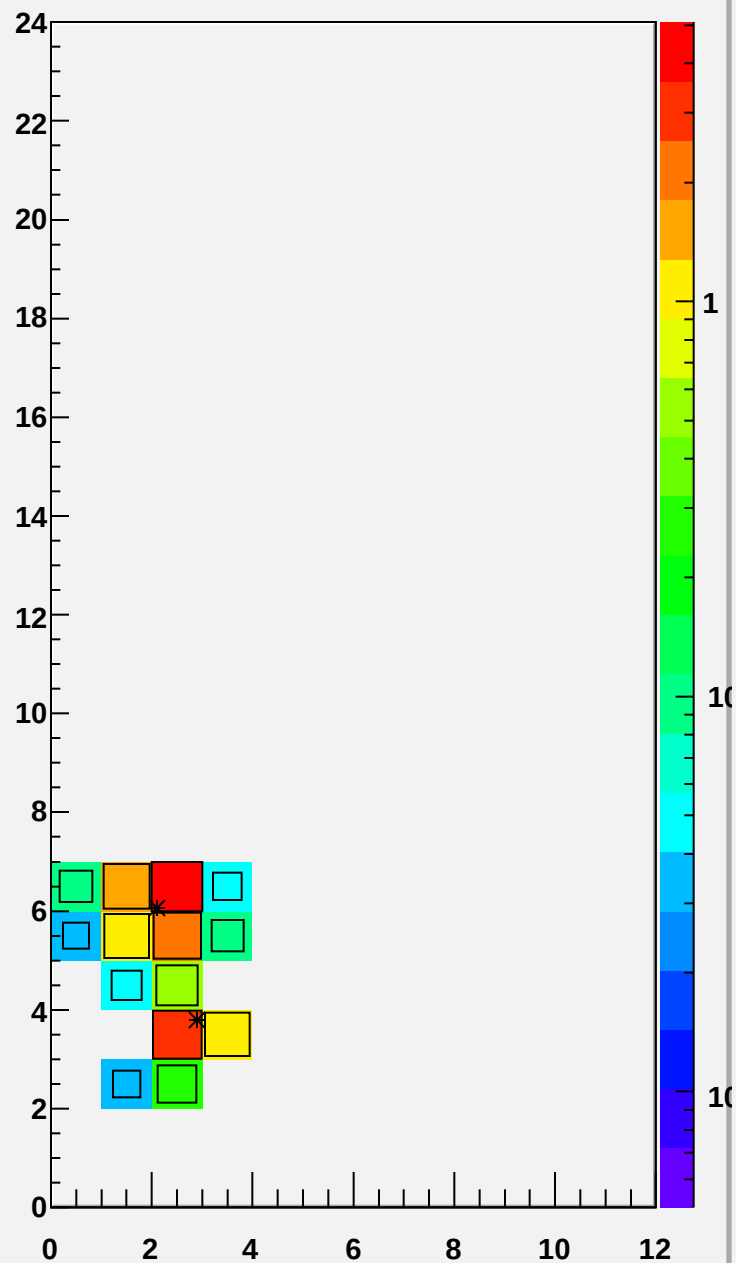
Mean x 3.212

Mean y 11.41

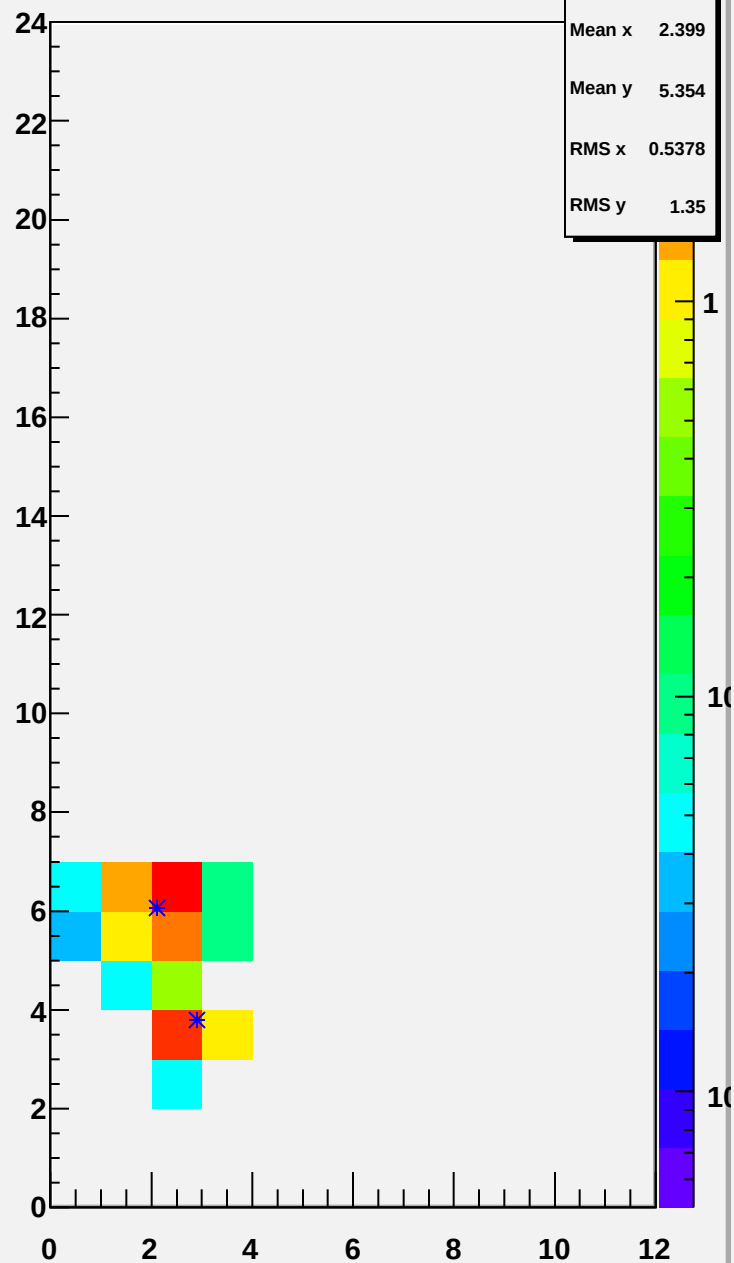
RMS x 2.081

RMS y 7.229

NSTB3_r4_c3_En=15.4_m0=0.101 m1=0.101 index=720



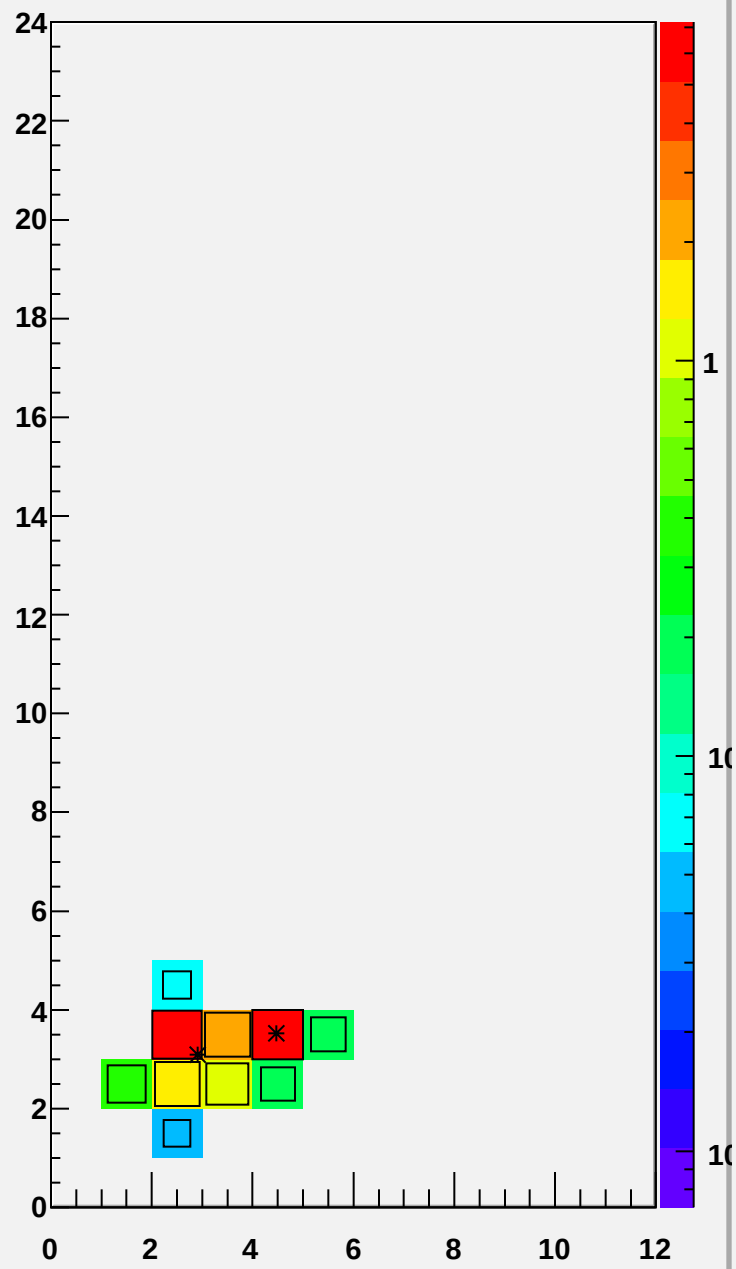
Fitted Energies



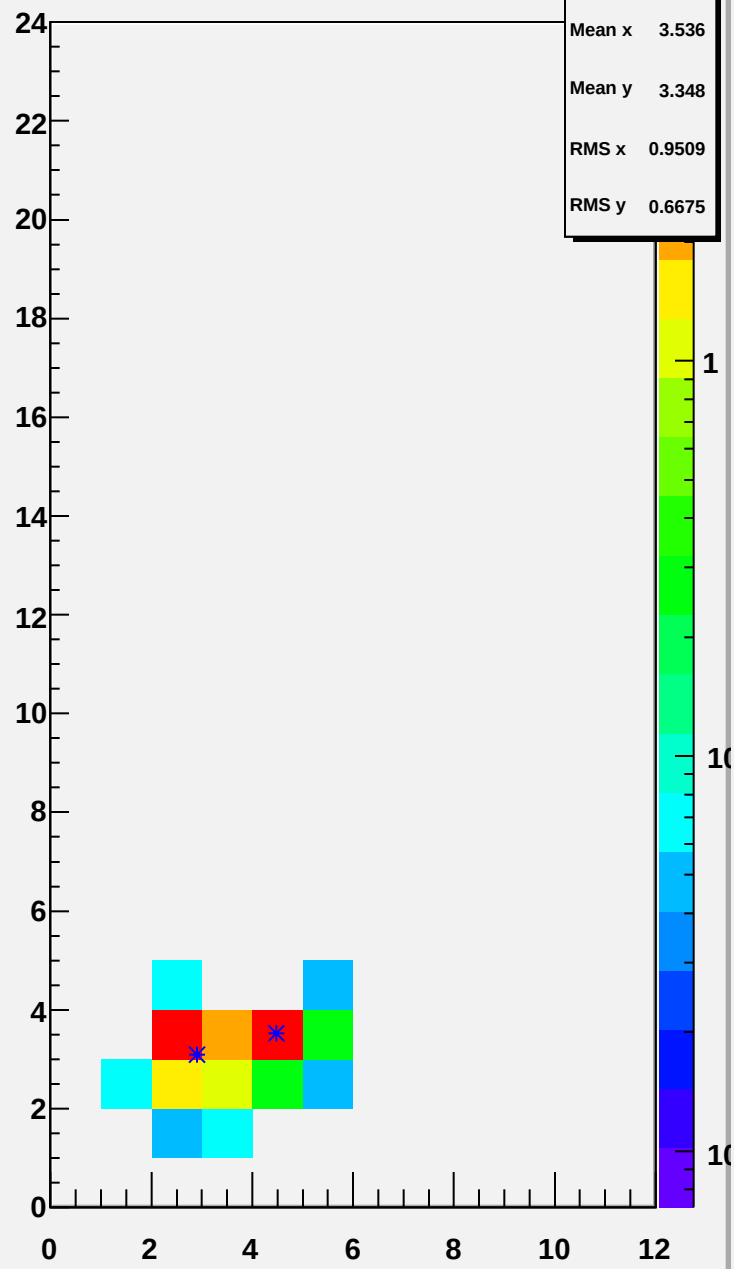
Efit

Entries	288
Mean x	2.399
Mean y	5.354
RMS x	0.5378
RMS y	1.35

NSTB3_r4_c3_En=17.8_m0=0.082_m1=0.082_index=721



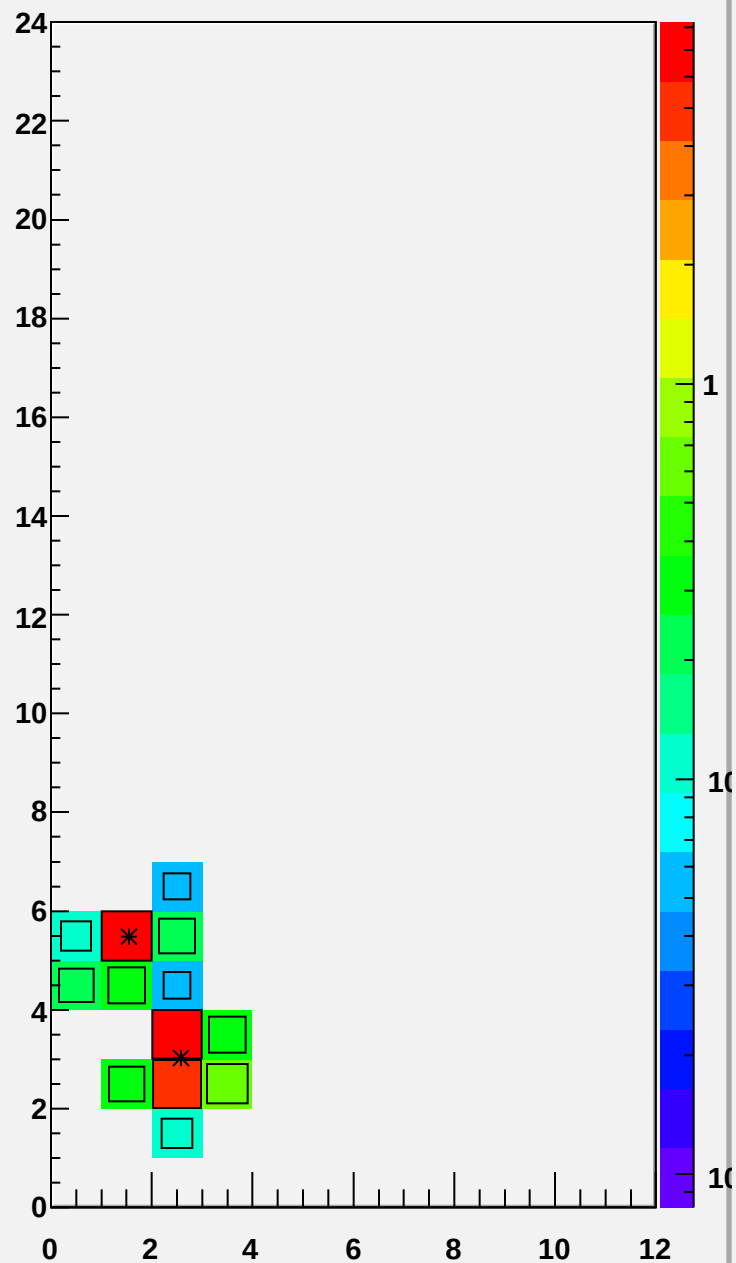
Fitted Energies



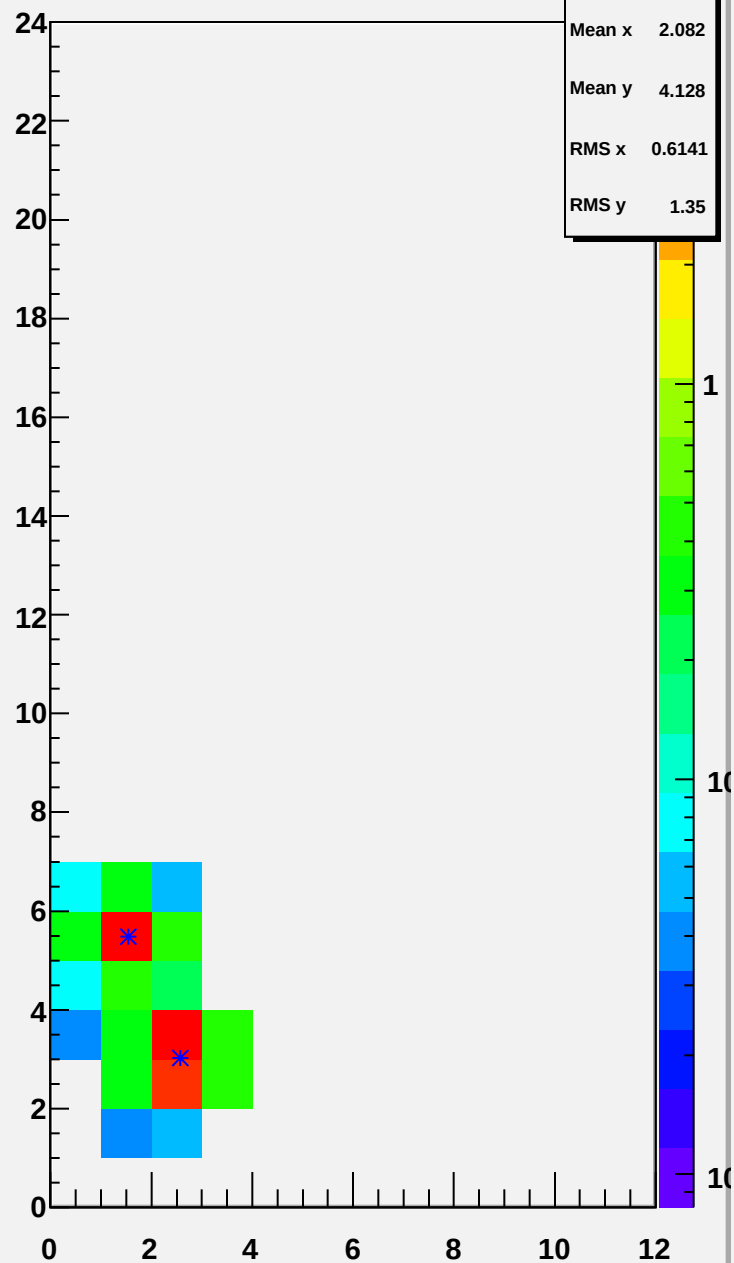
Efit

Entries	288
Mean x	3.536
Mean y	3.348
RMS x	0.9509
RMS y	0.6675

NSTB3_r4_c3_En=21.9_m0=0.171 m1=0.171 index=722



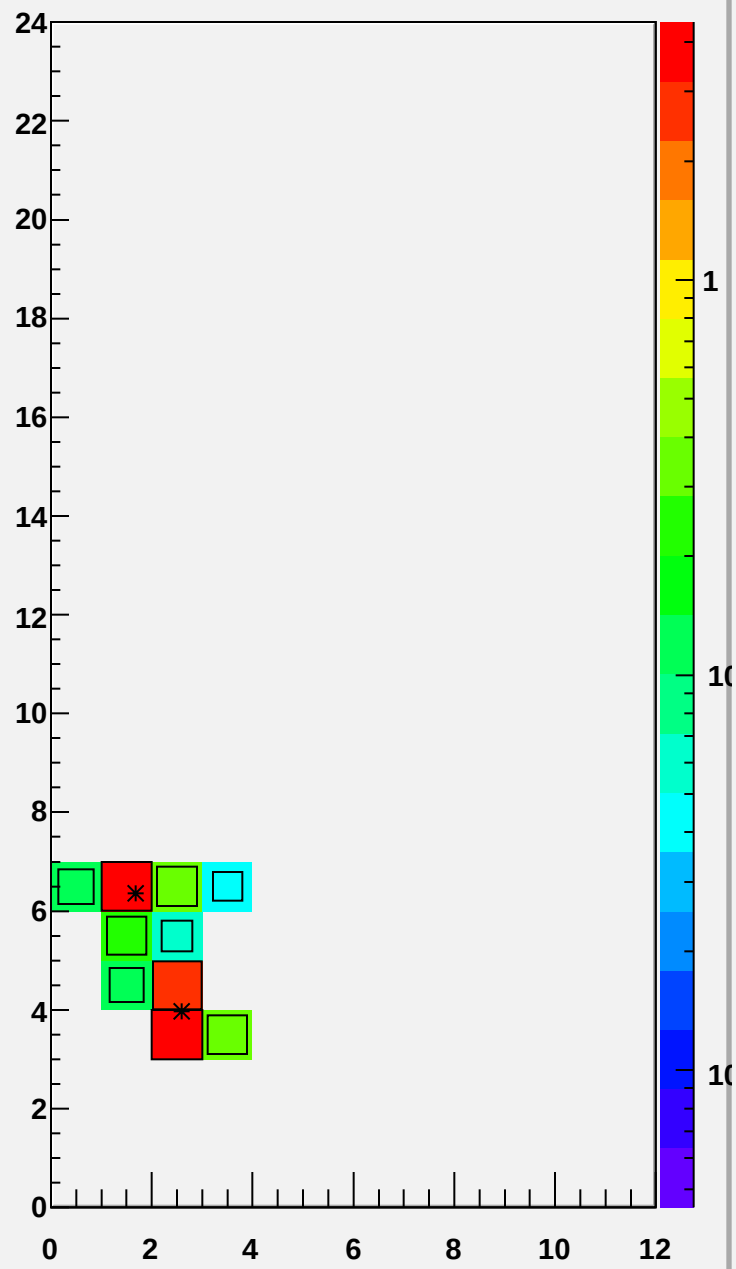
Fitted Energies



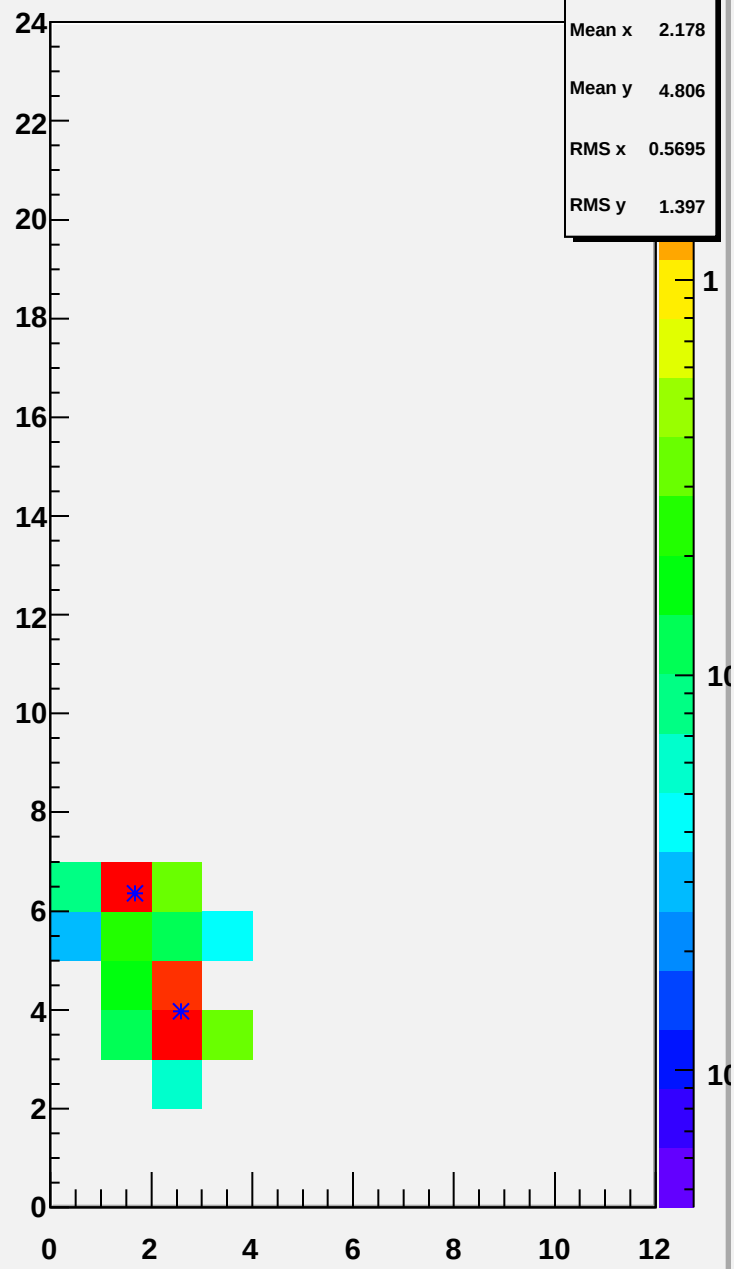
Efit

Entries	288
Mean x	2.082
Mean y	4.128
RMS x	0.6141
RMS y	1.35

NSTB3_r4_c3_En=12.1_m0=0.088 m1=0.088 index=723



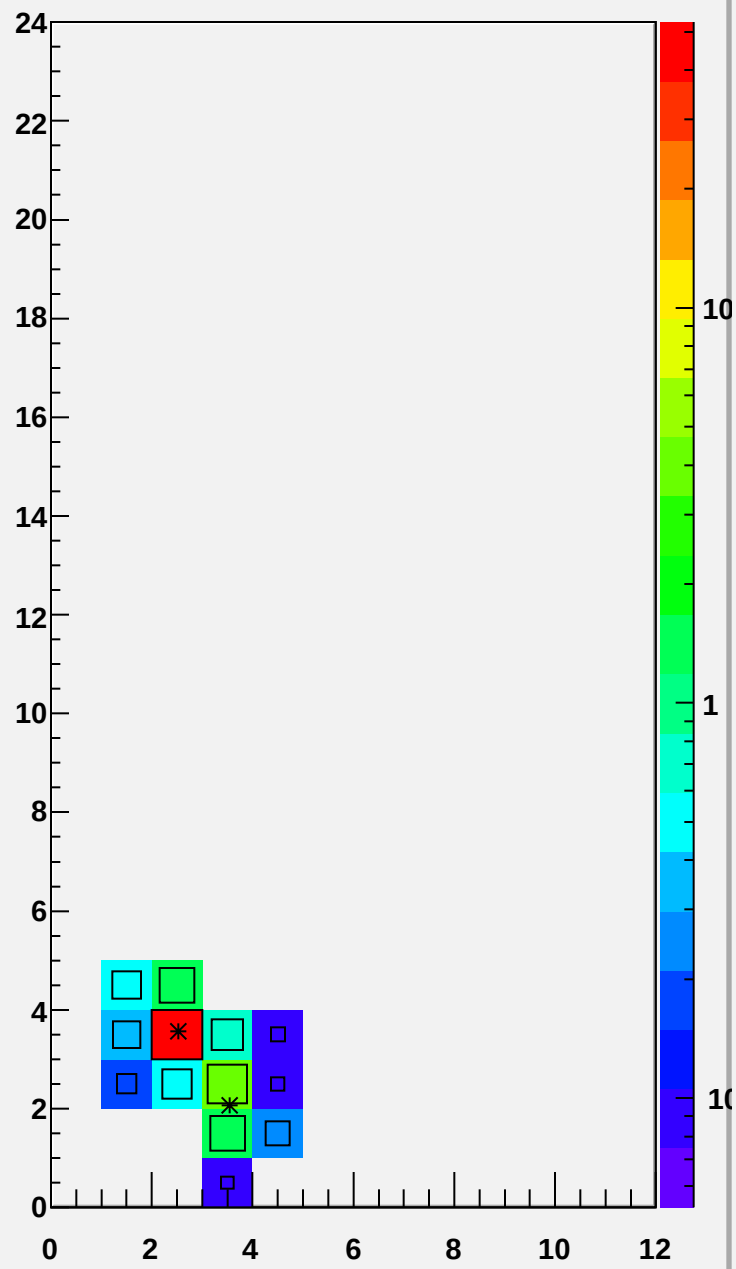
Fitted Energies



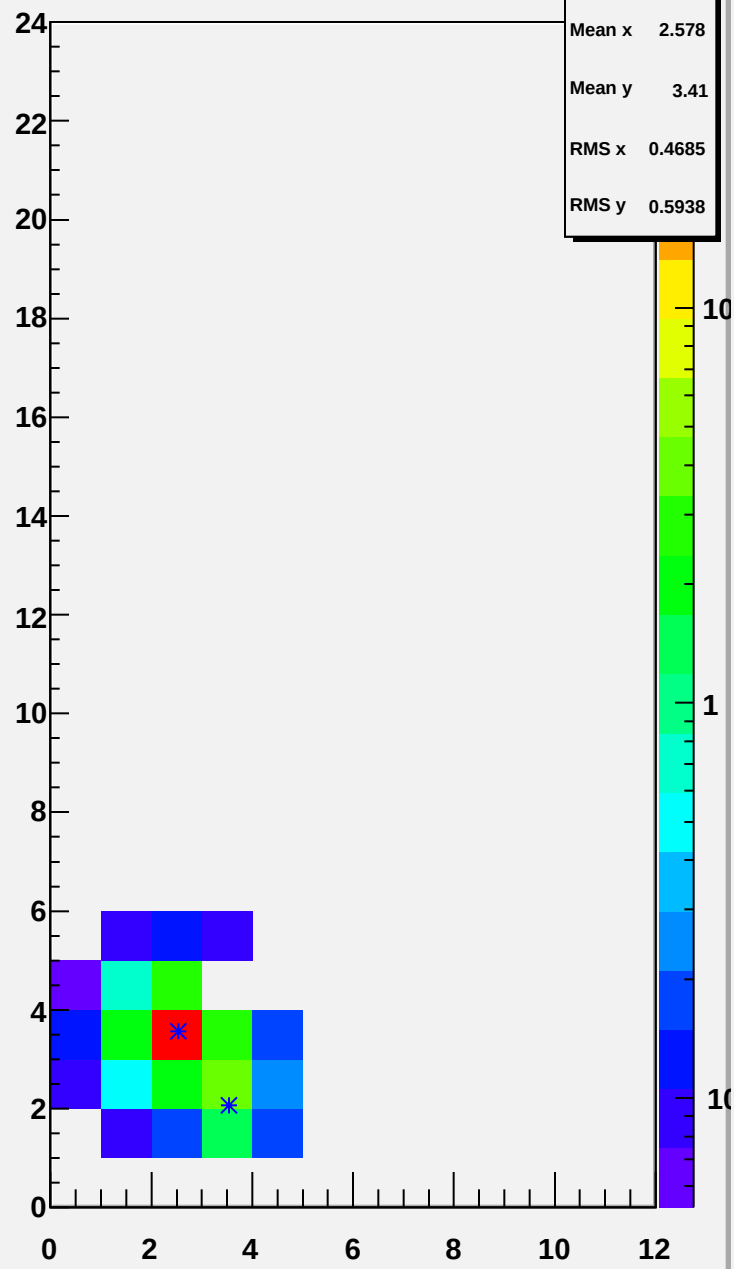
Efit

Entries	288
Mean x	2.178
Mean y	4.806
RMS x	0.5695
RMS y	1.397

NSTB3_r4_c3_En=62.2_m0=0.187 m1=0.186 index=724



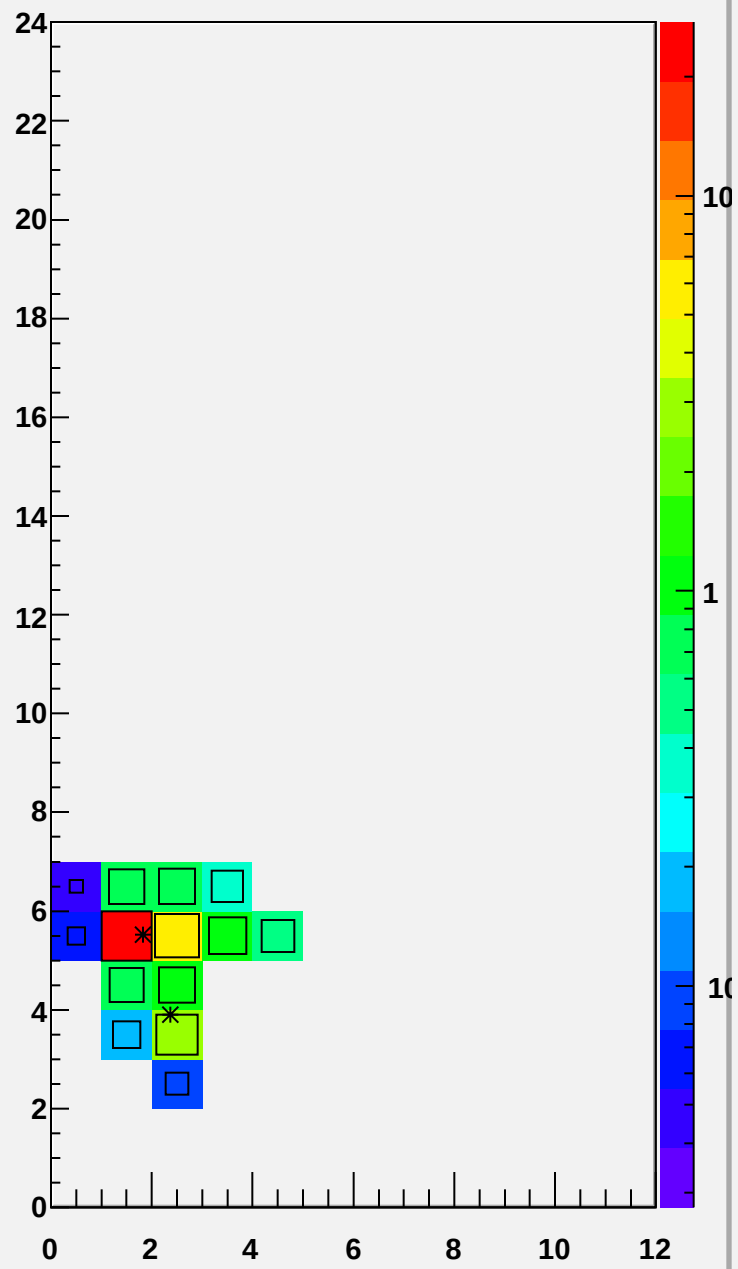
Fitted Energies



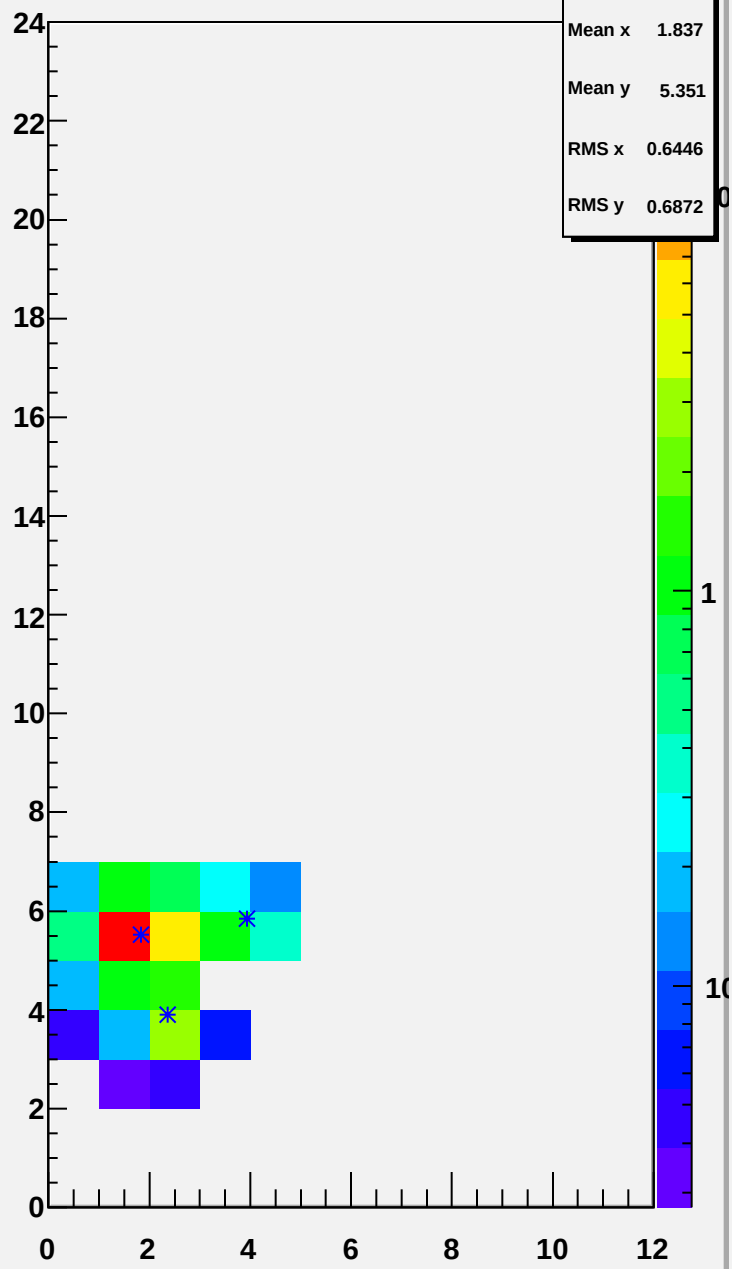
Efit

Entries	288
Mean x	2.578
Mean y	3.41
RMS x	0.4685
RMS y	0.5938

NSTB3_r4_c3_En=41.6_m0=0.118_m1=0.118_index=725



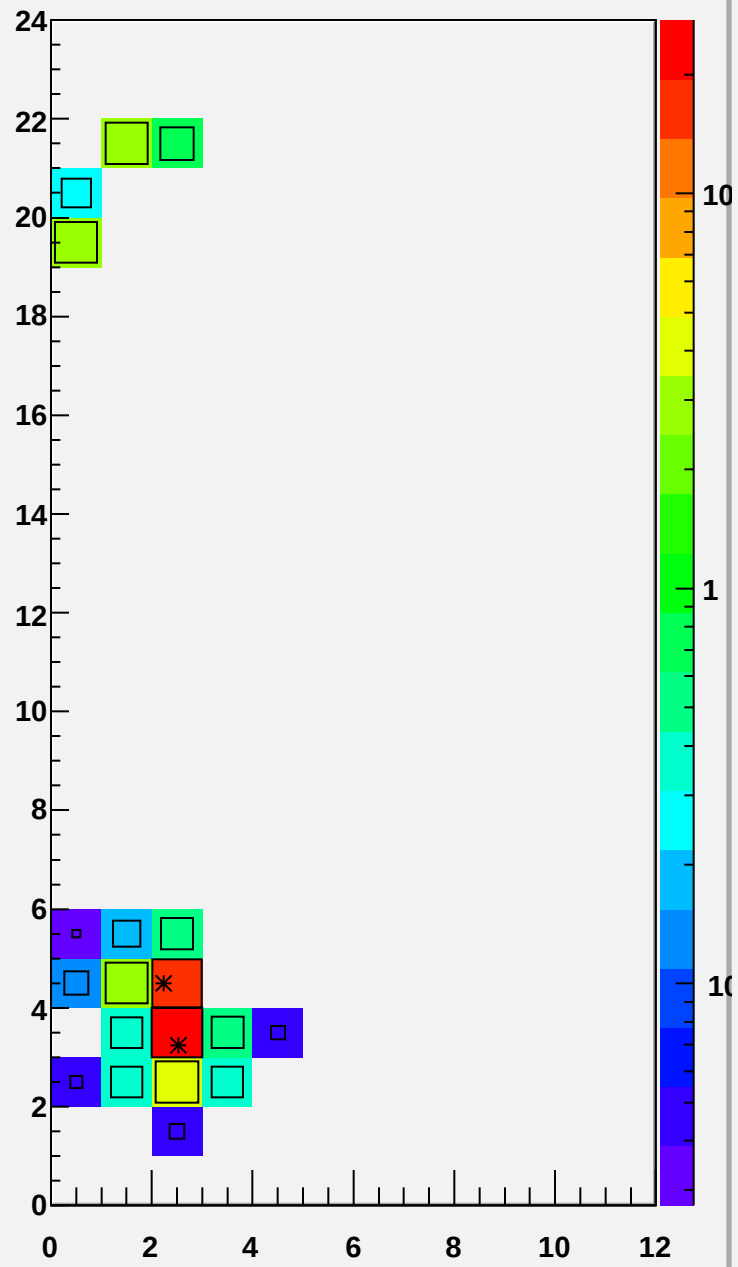
Fitted Energies



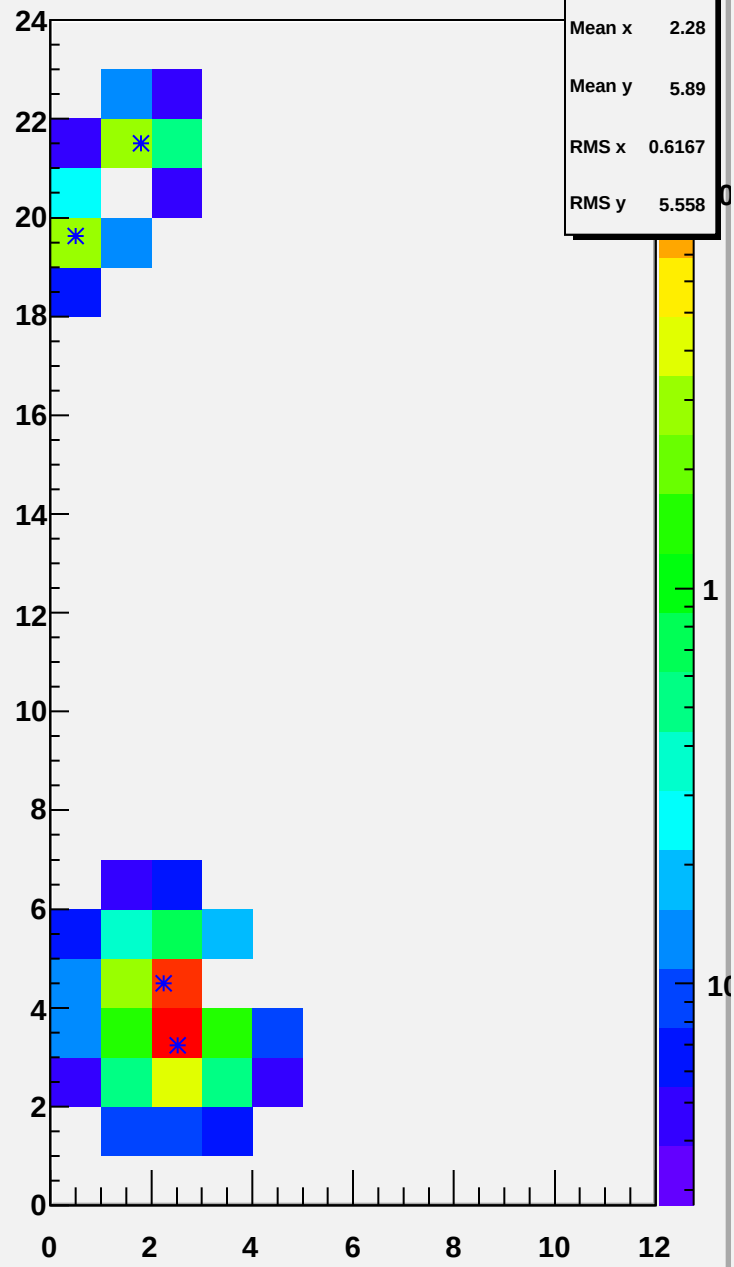
Efit

Entries	288
Mean x	1.837
Mean y	5.351
RMS x	0.6446
RMS y	0.6872

NSTB3_r4_c3_En=62.3_m0=0.192_m1=0.192_index=727



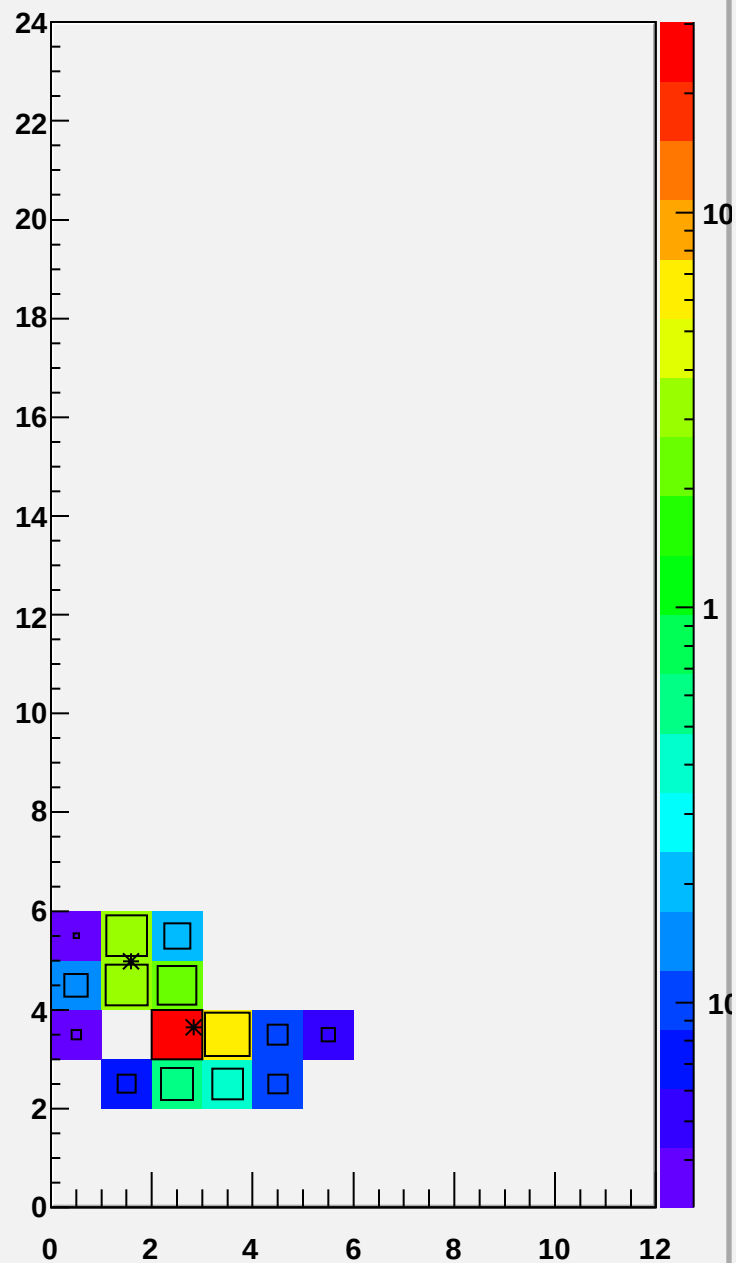
Fitted Energies



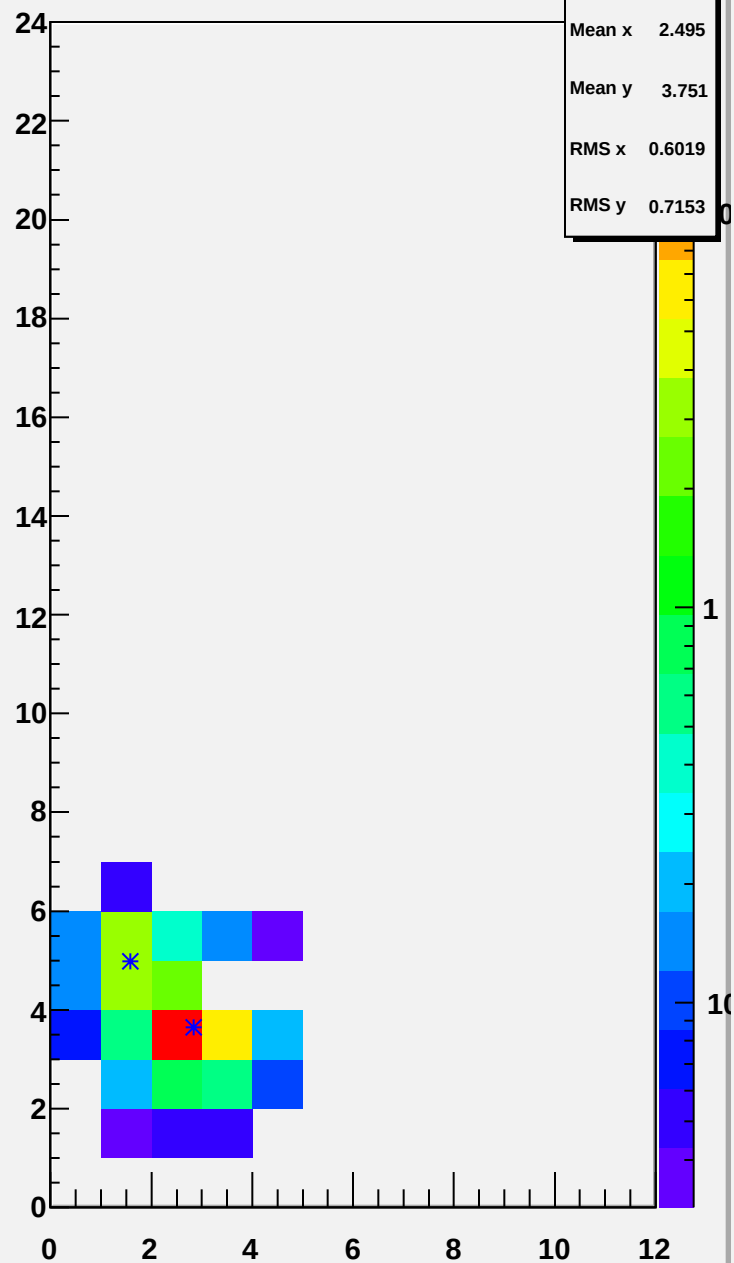
Efit

Entries	288
Mean x	2.28
Mean y	5.89
RMS x	0.6167
RMS y	5.558

NSTB3_r4_c3_En=47.0_m0=0.180_m1=0.181_index=728



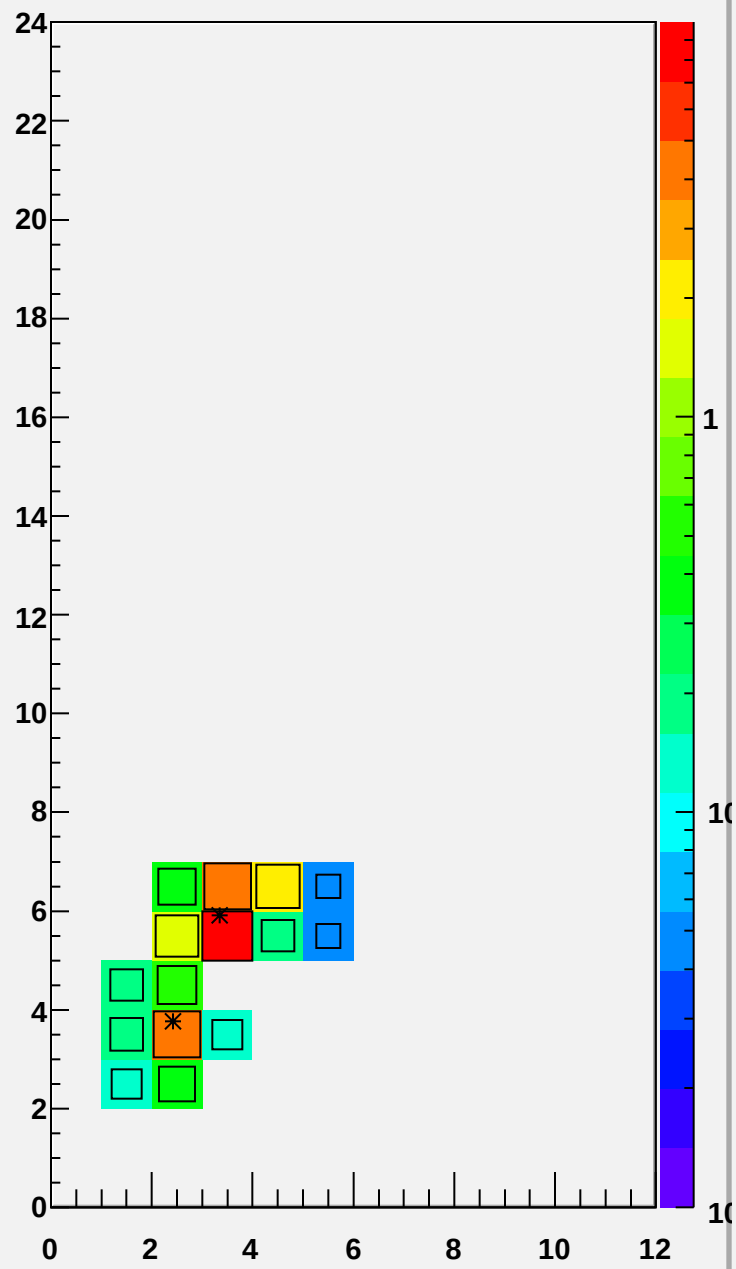
Fitted Energies



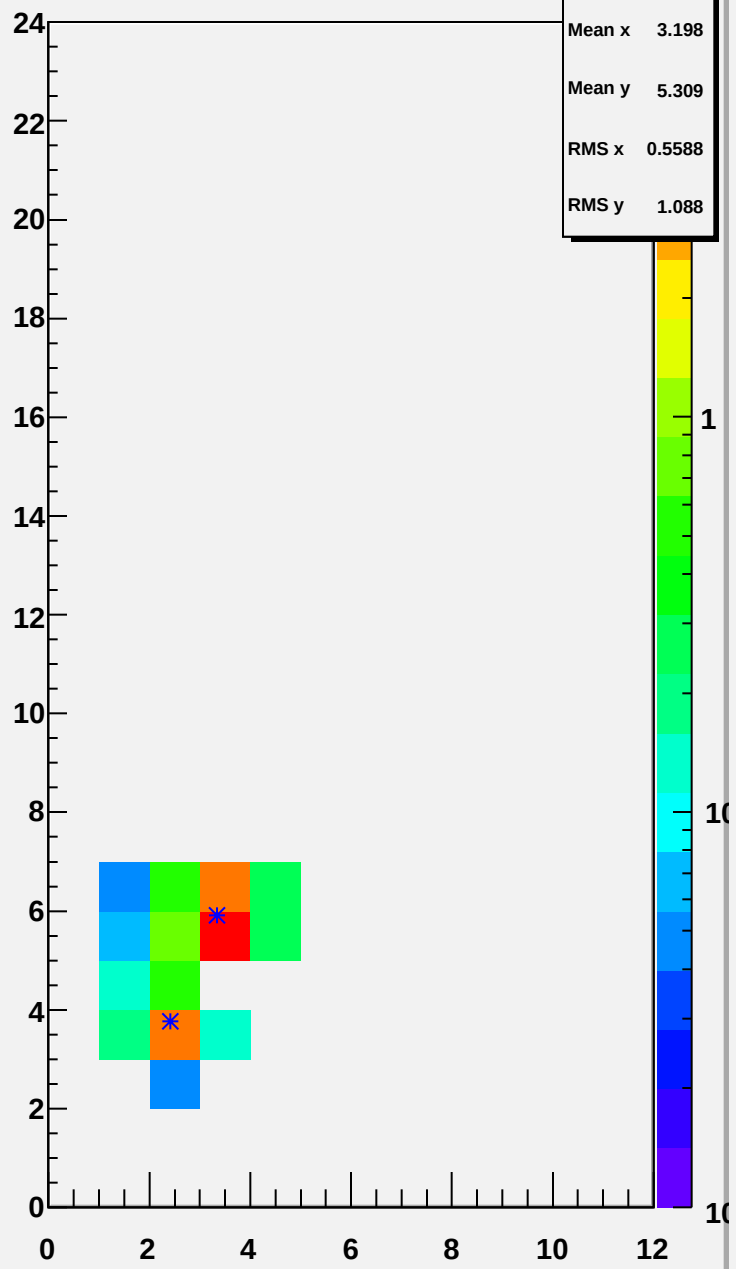
Efit

Entries	288
Mean x	2.495
Mean y	3.751
RMS x	0.6019
RMS y	0.7153

NSTB3_r4_c3_En=22.8_m0=0.118 m1=0.118 index=730



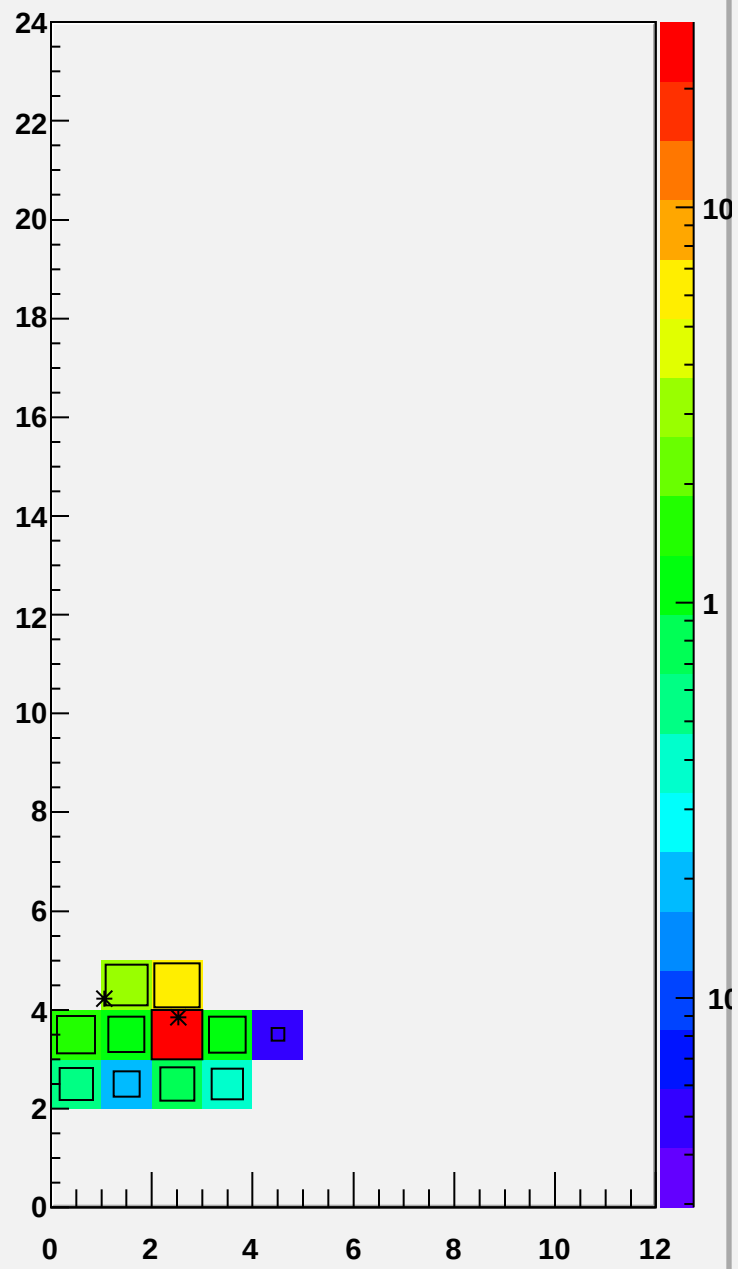
Fitted Energies



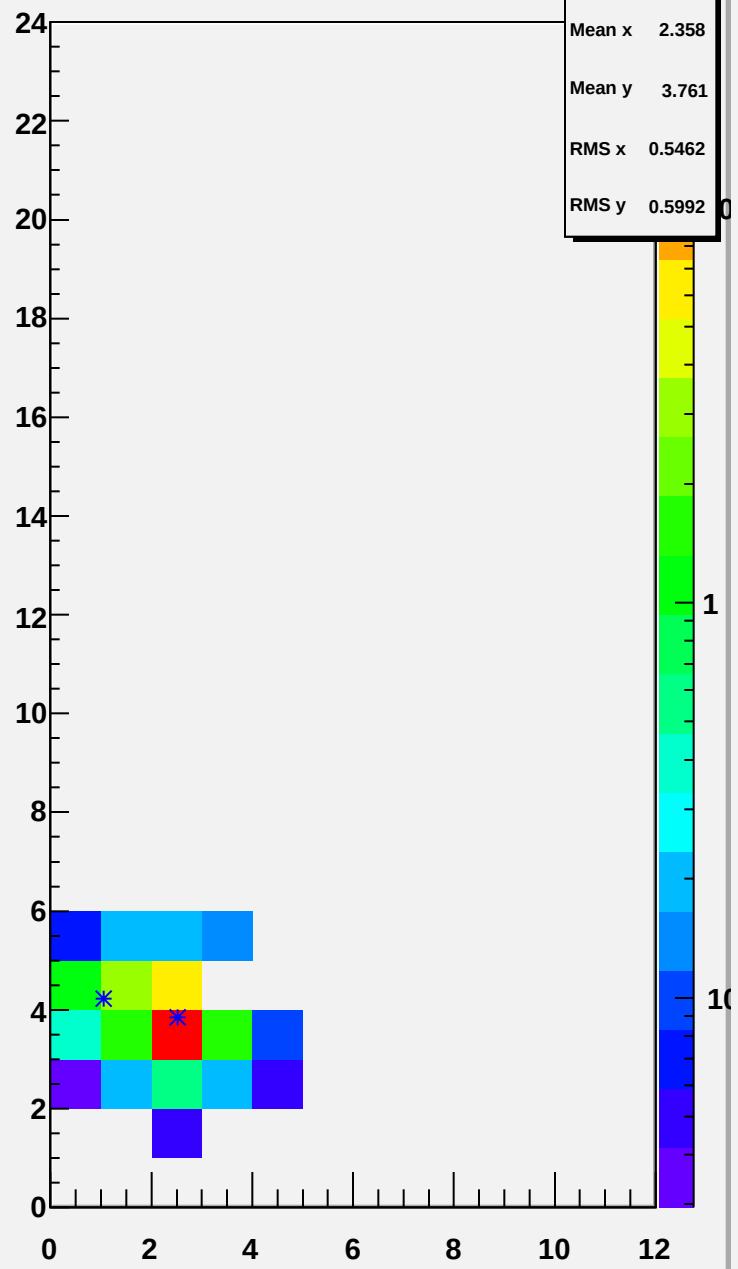
Efit

Entries	288
Mean x	3.198
Mean y	5.309
RMS x	0.5588
RMS y	1.088

NSTB3_r4_c3_En=45.5_m0=0.113_m1=0.113_index=731

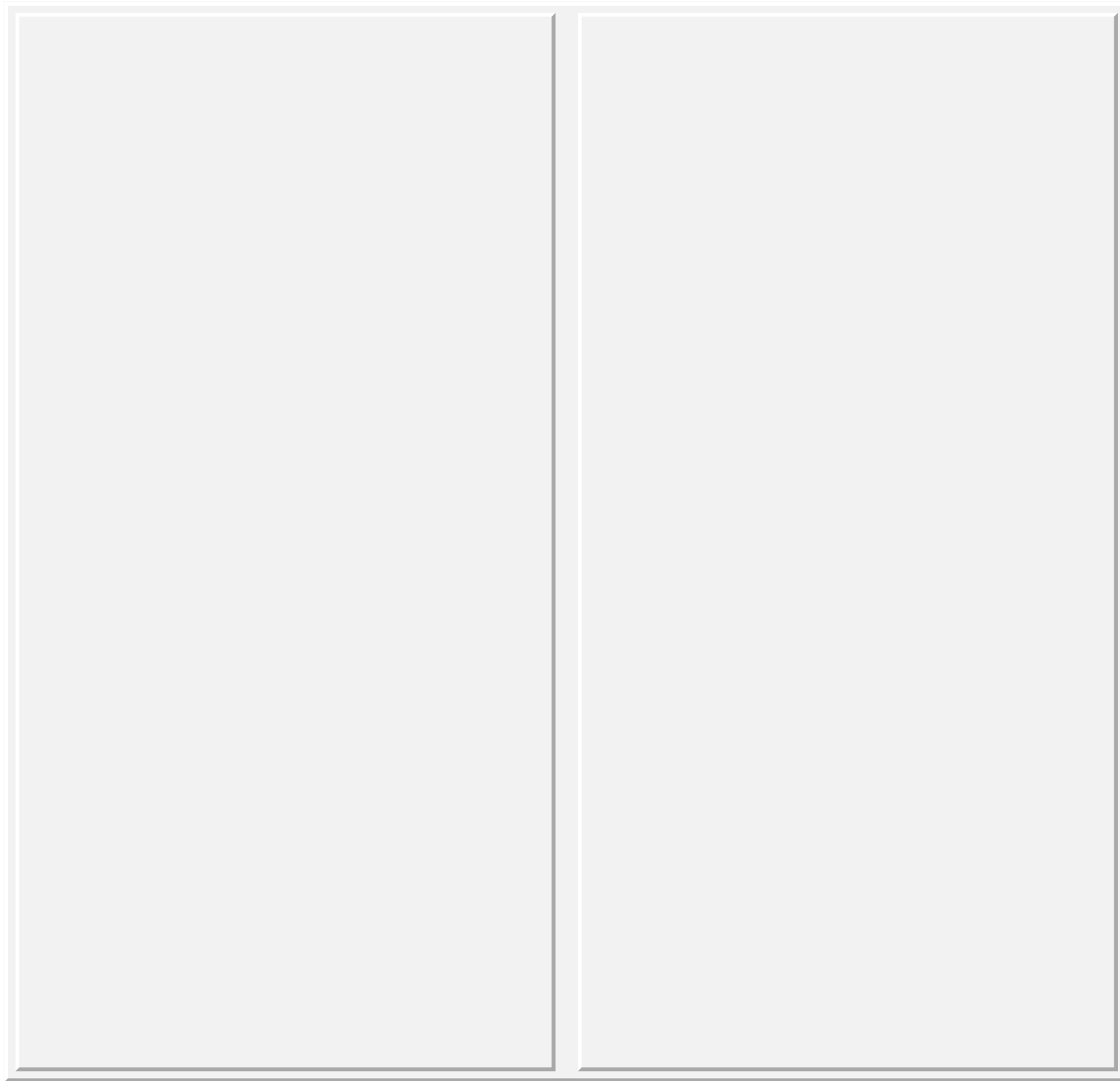


Fitted Energies

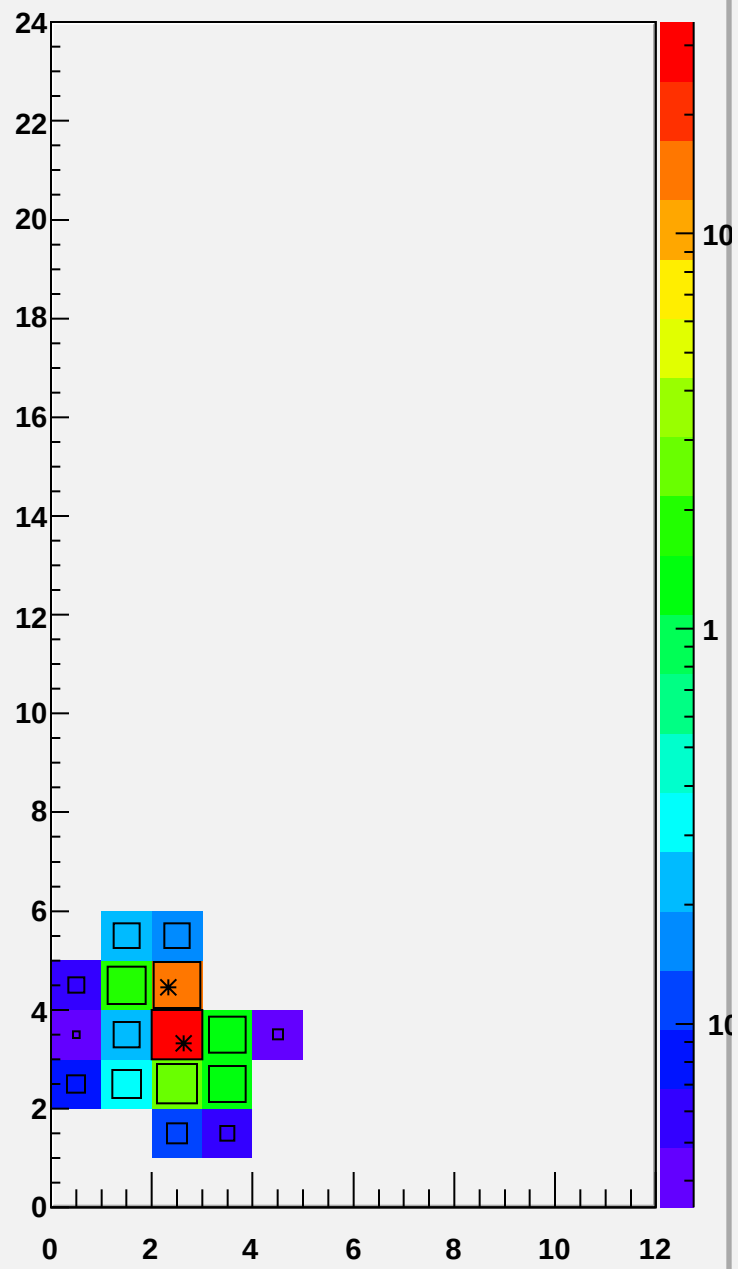


Efit

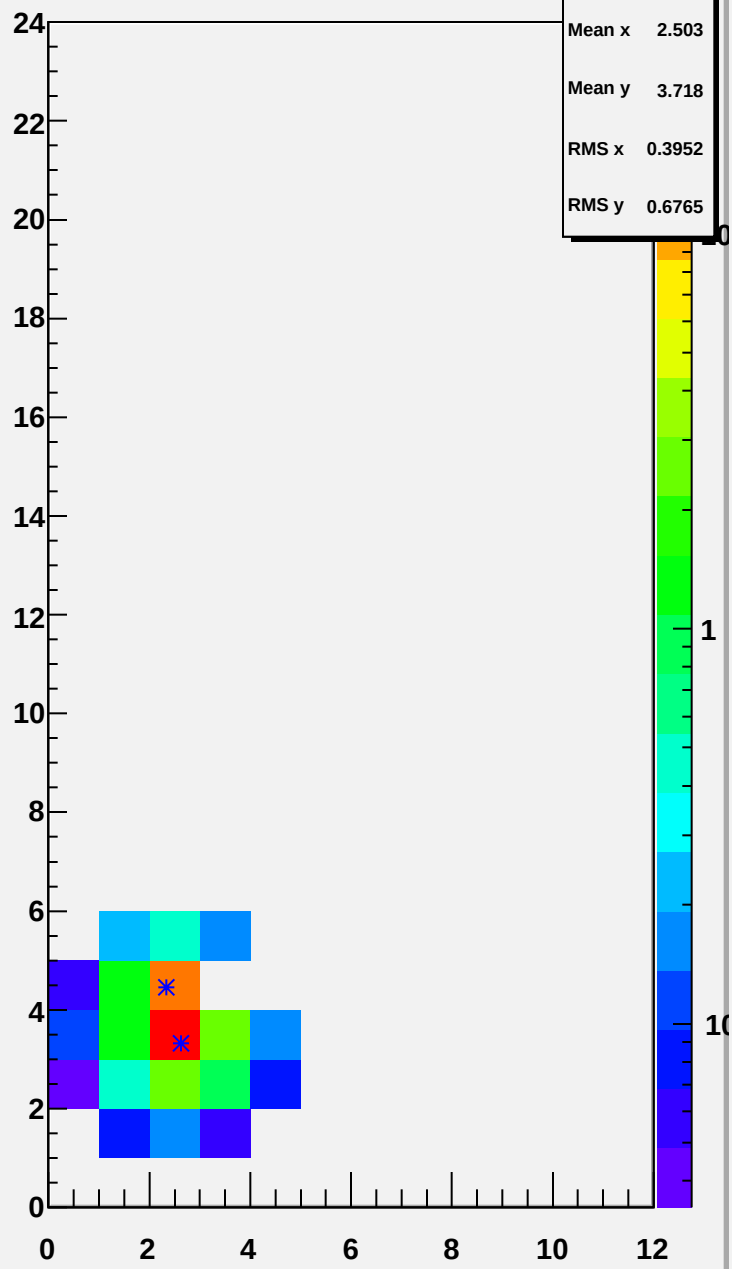
Entries	288
Mean x	2.358
Mean y	3.761
RMS x	0.5462
RMS y	0.5992



NSTB3_r4_c3_En=57.0_m0=0.166 m1=0.167 index=733



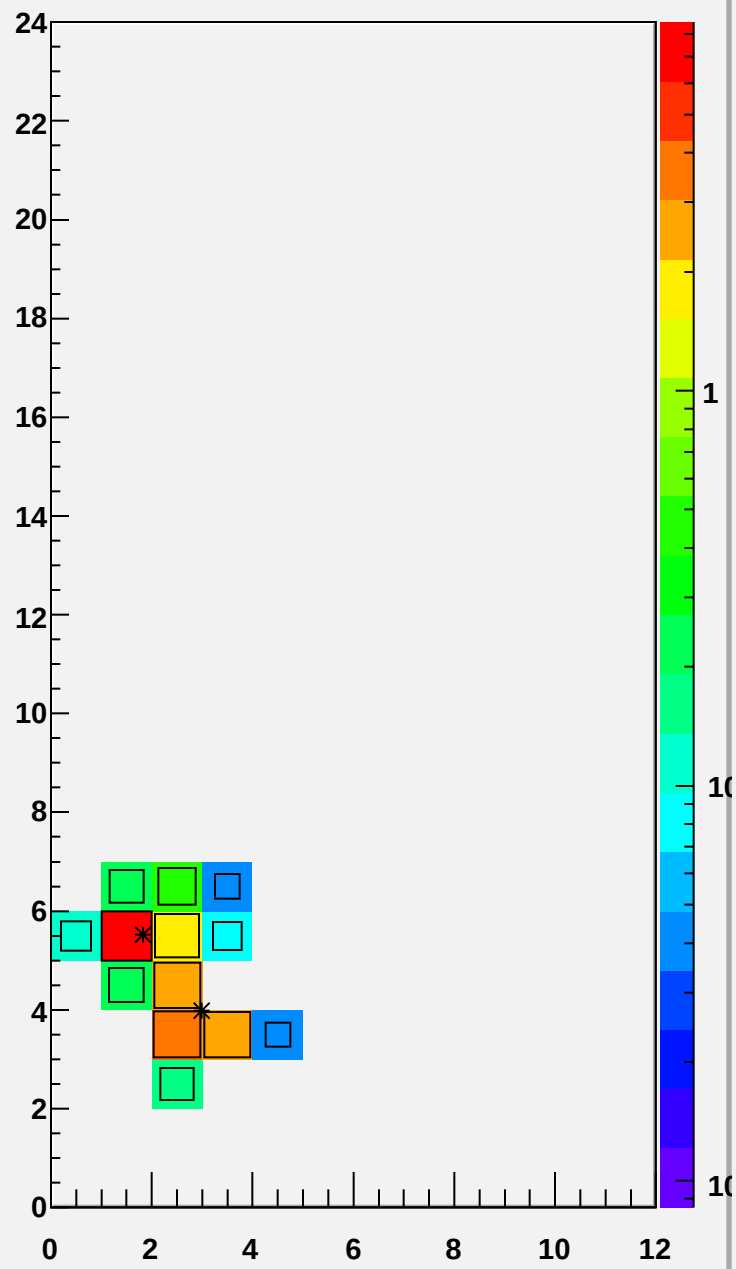
Fitted Energies



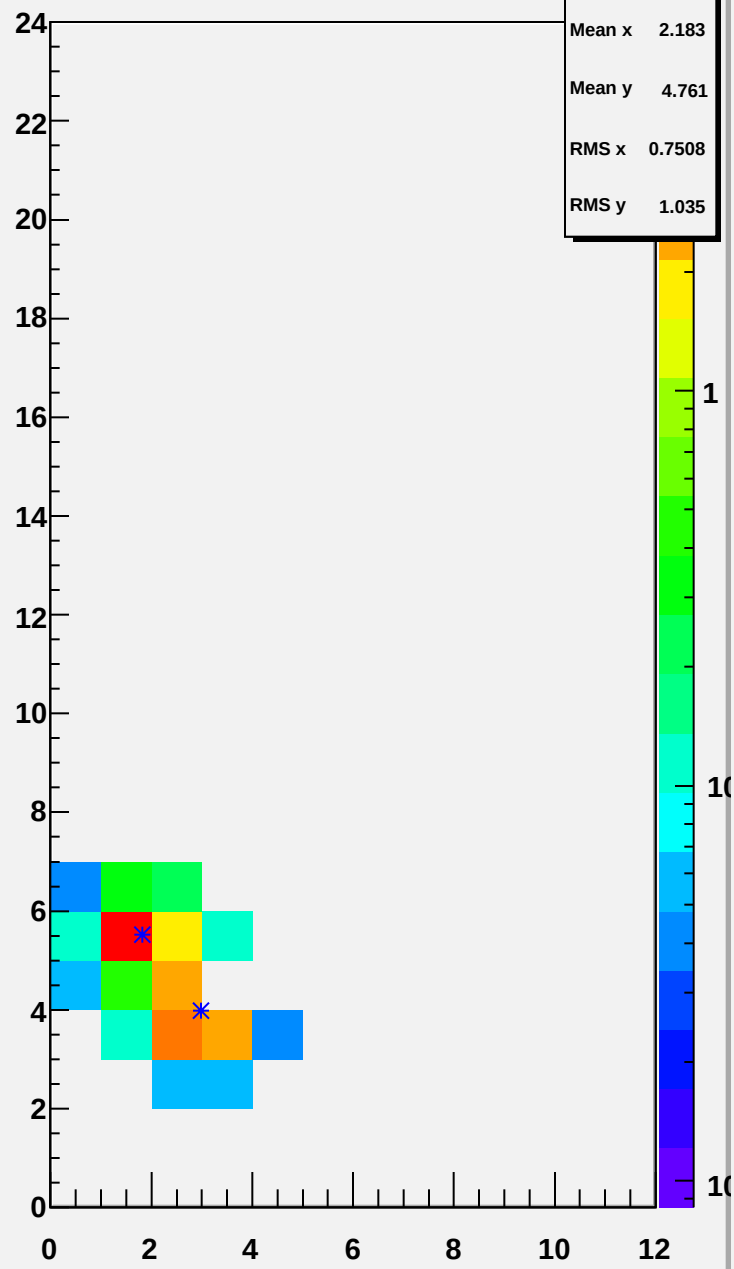
Efit

Entries	288
Mean x	2.503
Mean y	3.718
RMS x	0.3952
RMS y	0.6765

NSTB3_r4_c3_En=20.6_m0=0.124_m1=0.124_index=736



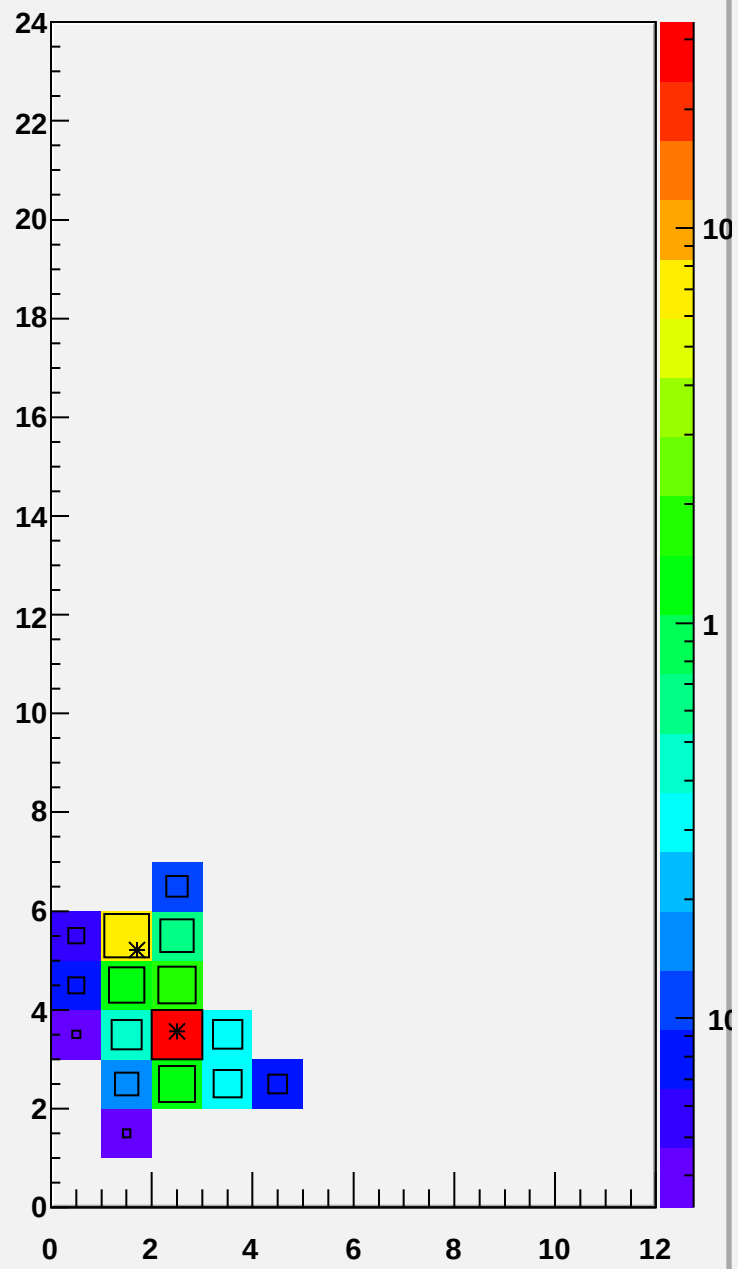
Fitted Energies



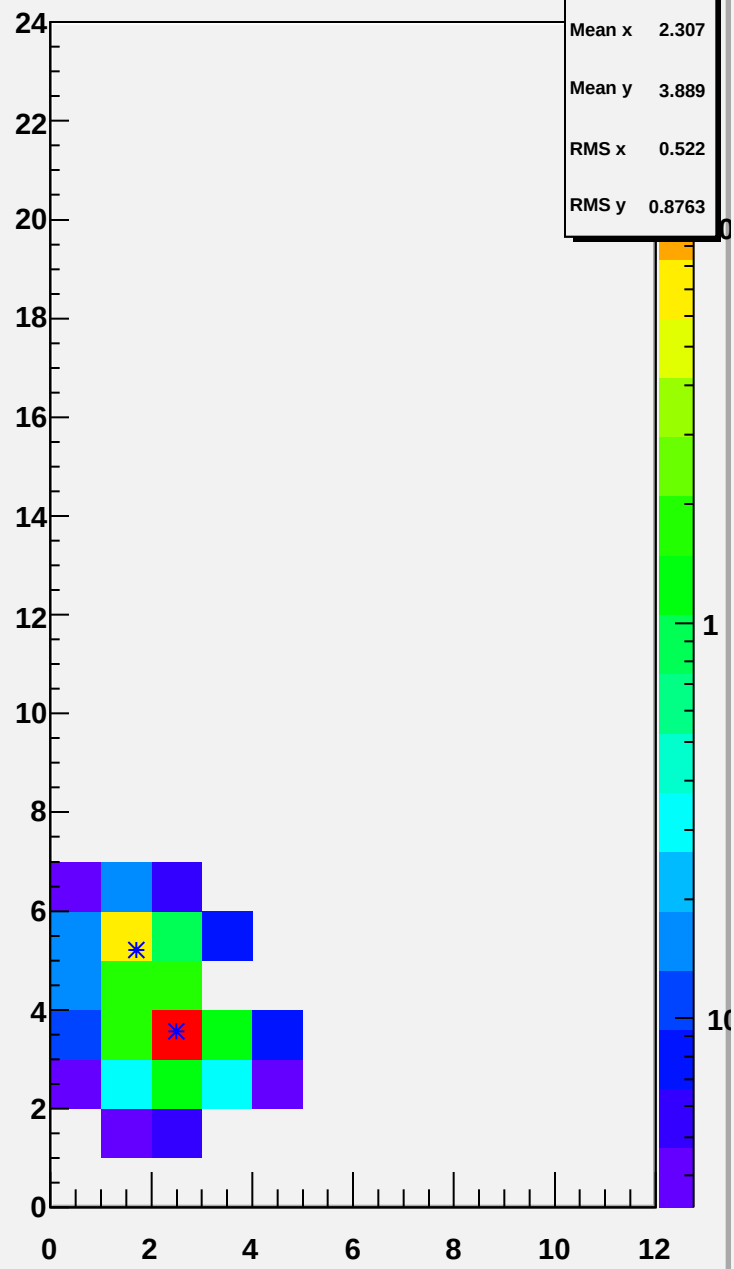
Efit

Entries	288
Mean x	2.183
Mean y	4.761
RMS x	0.7508
RMS y	1.035

NSTB3_r4_c3_En=46.5_m0=0.201 m1=0.200 index=737



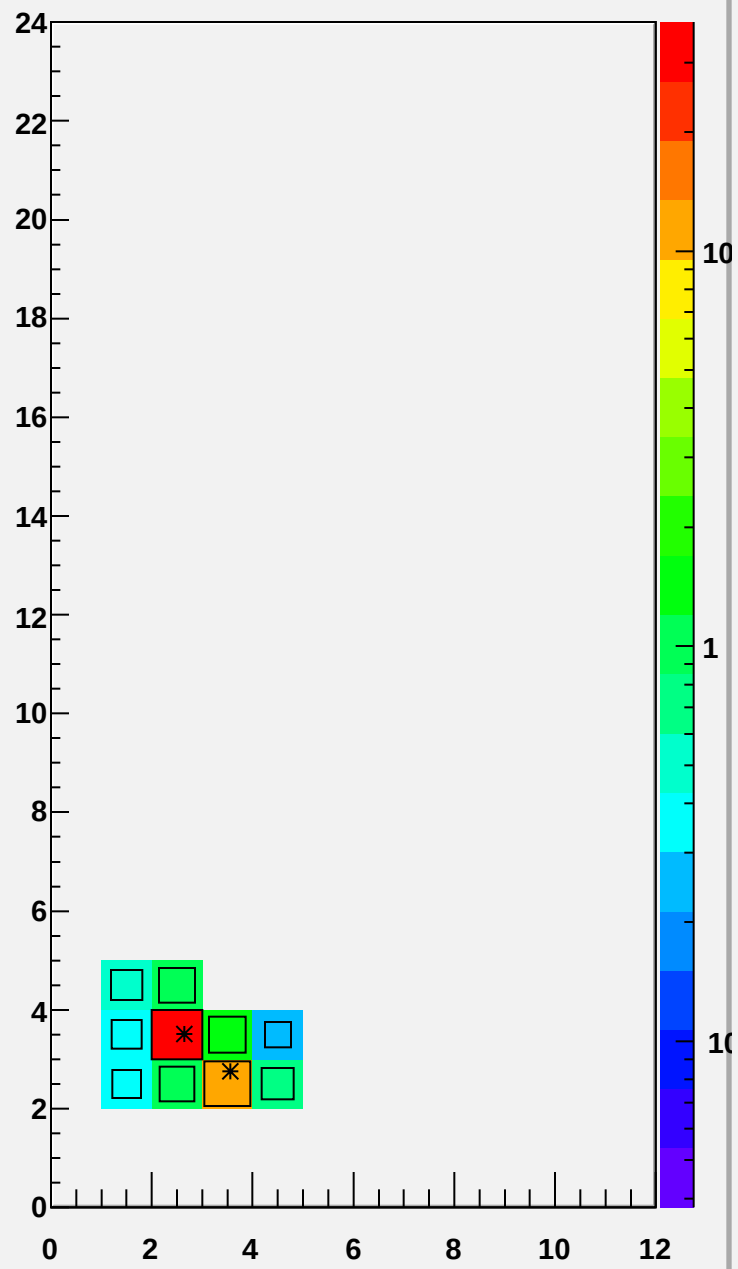
Fitted Energies



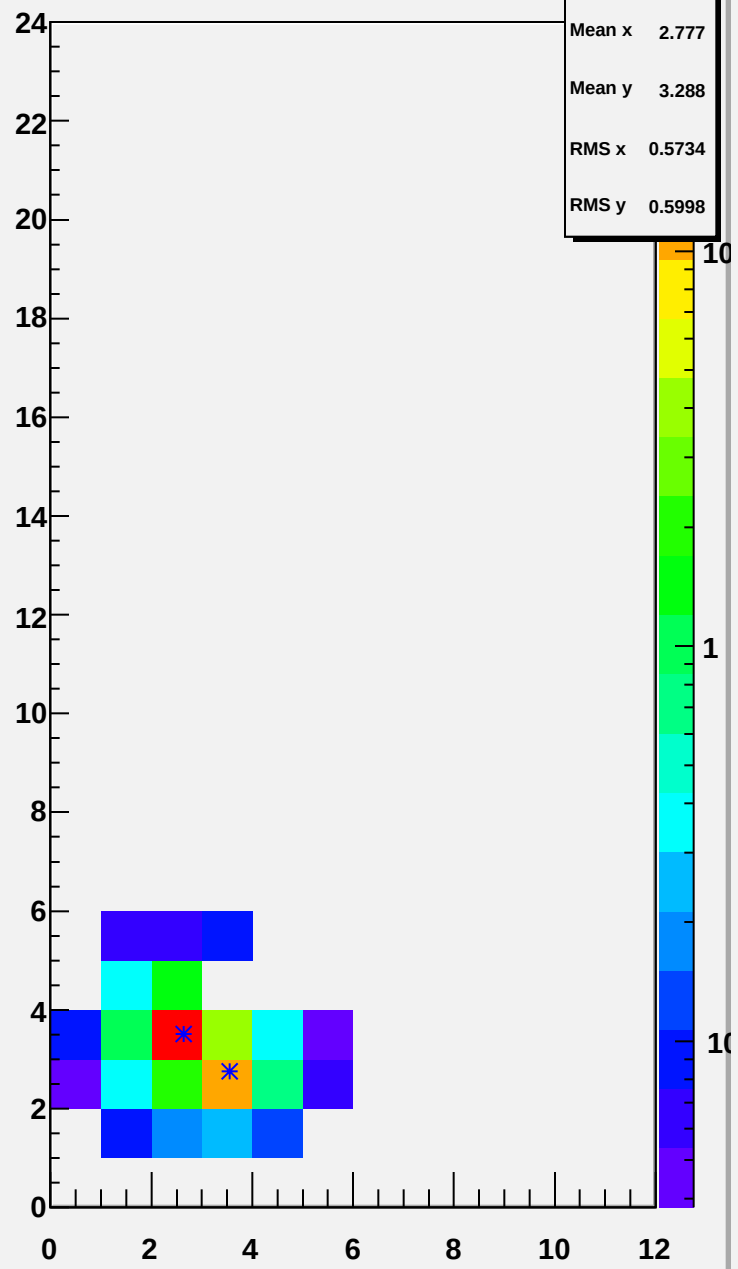
Efit

Entries	288
Mean x	2.307
Mean y	3.889
RMS x	0.522
RMS y	0.8763

NSTB3_r4_c3_En=54.5_m0=0.164 m1=0.164 index=738



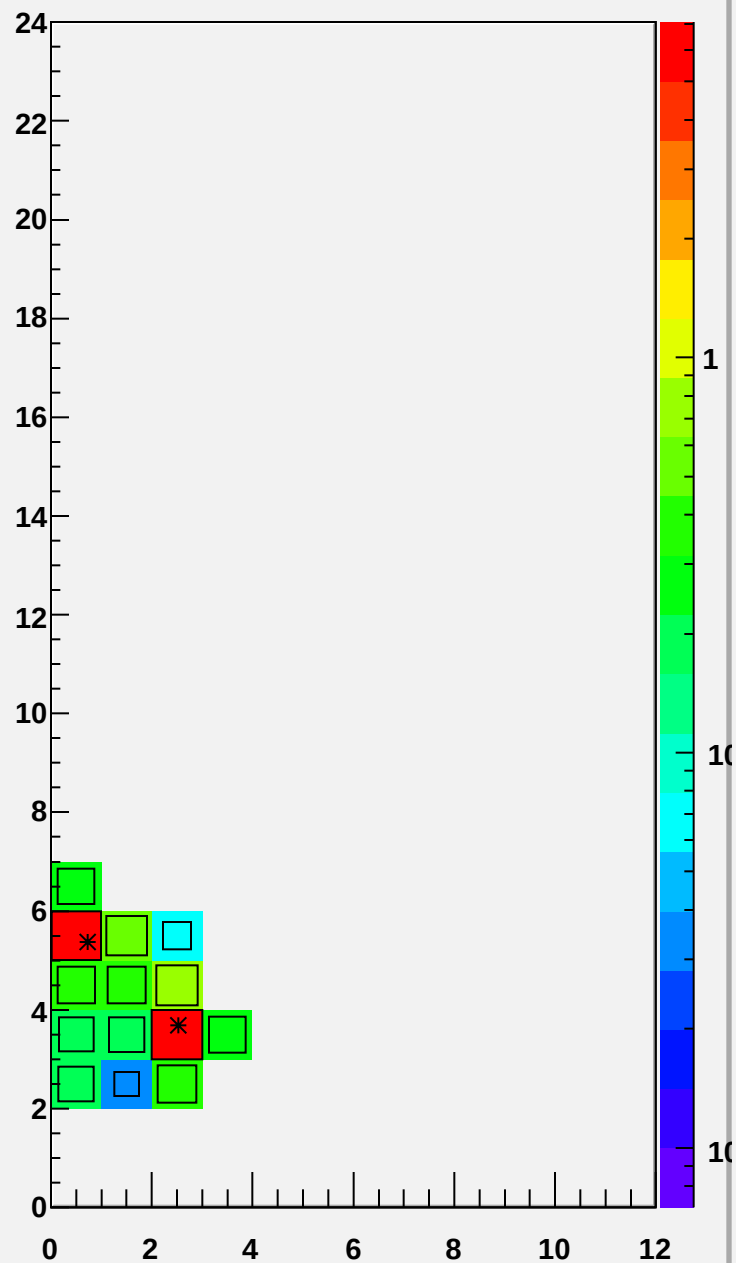
Fitted Energies



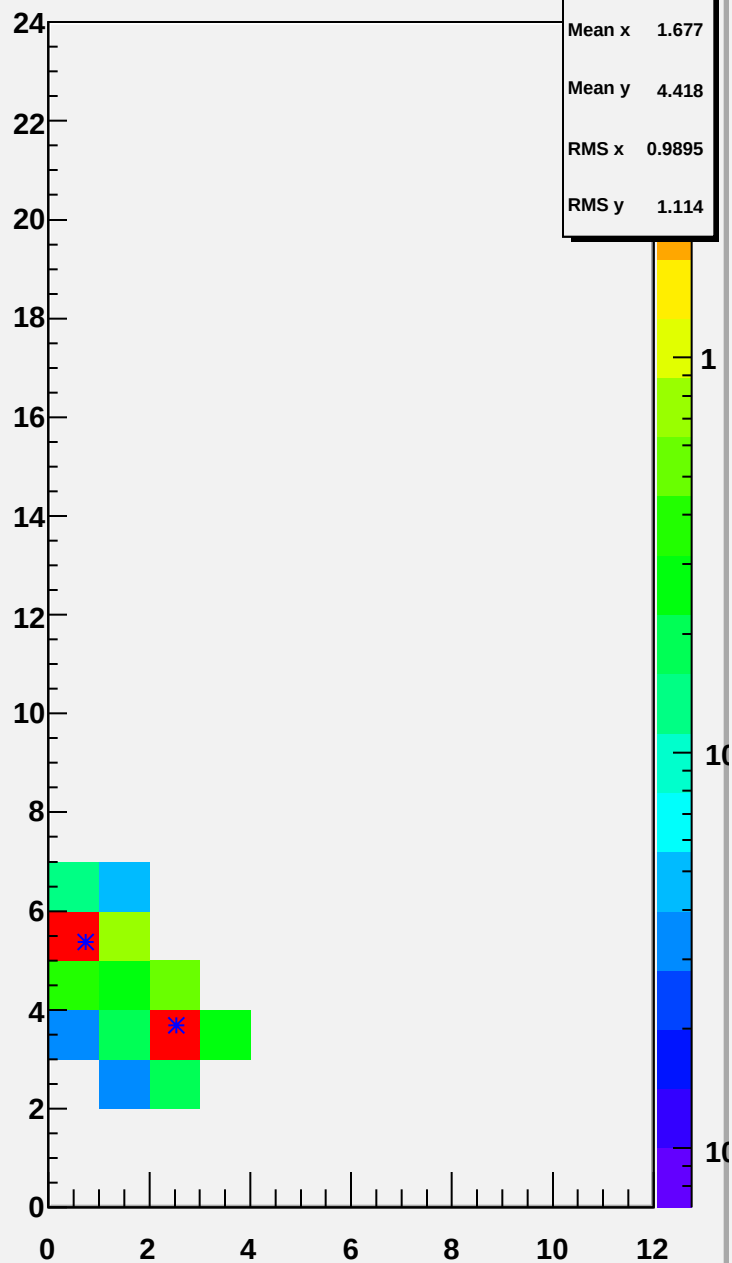
Efit

Entries	288
Mean x	2.777
Mean y	3.288
RMS x	0.5734
RMS y	0.5998

NSTB3_r4_c3_En=16.0_m0=0.106_m1=0.106_index=739



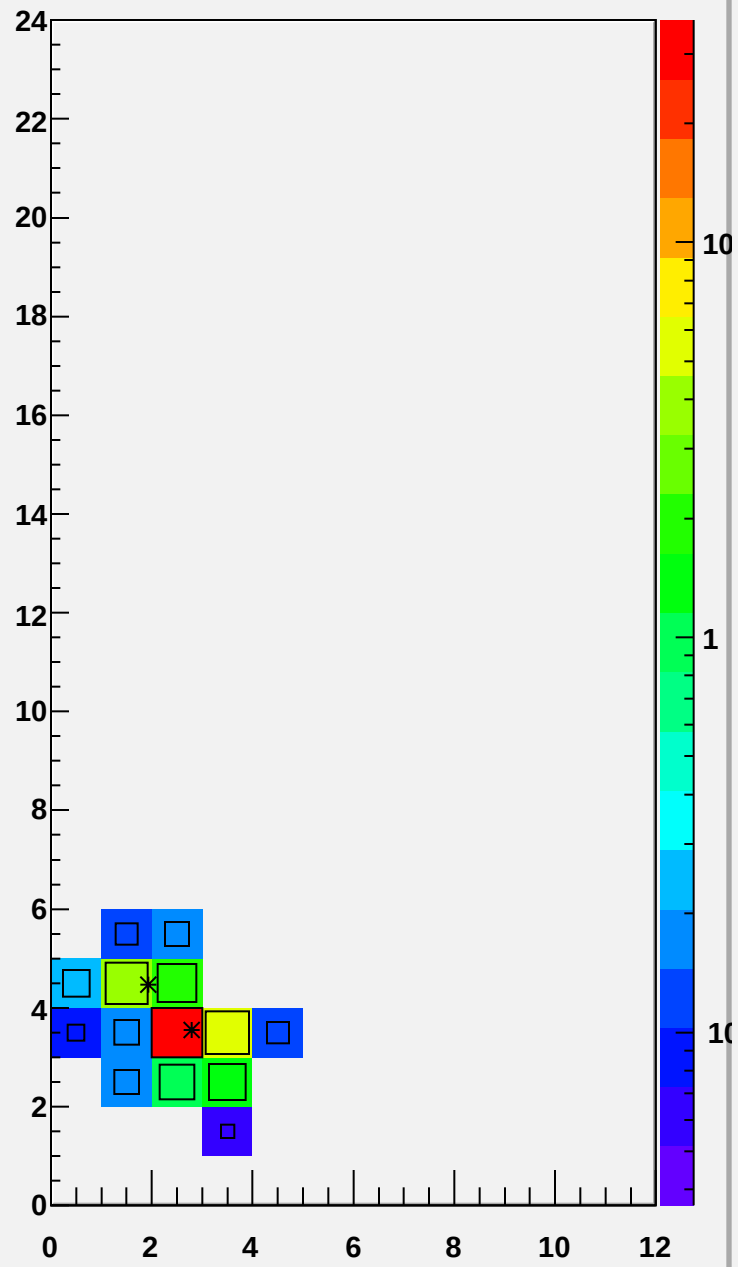
Fitted Energies



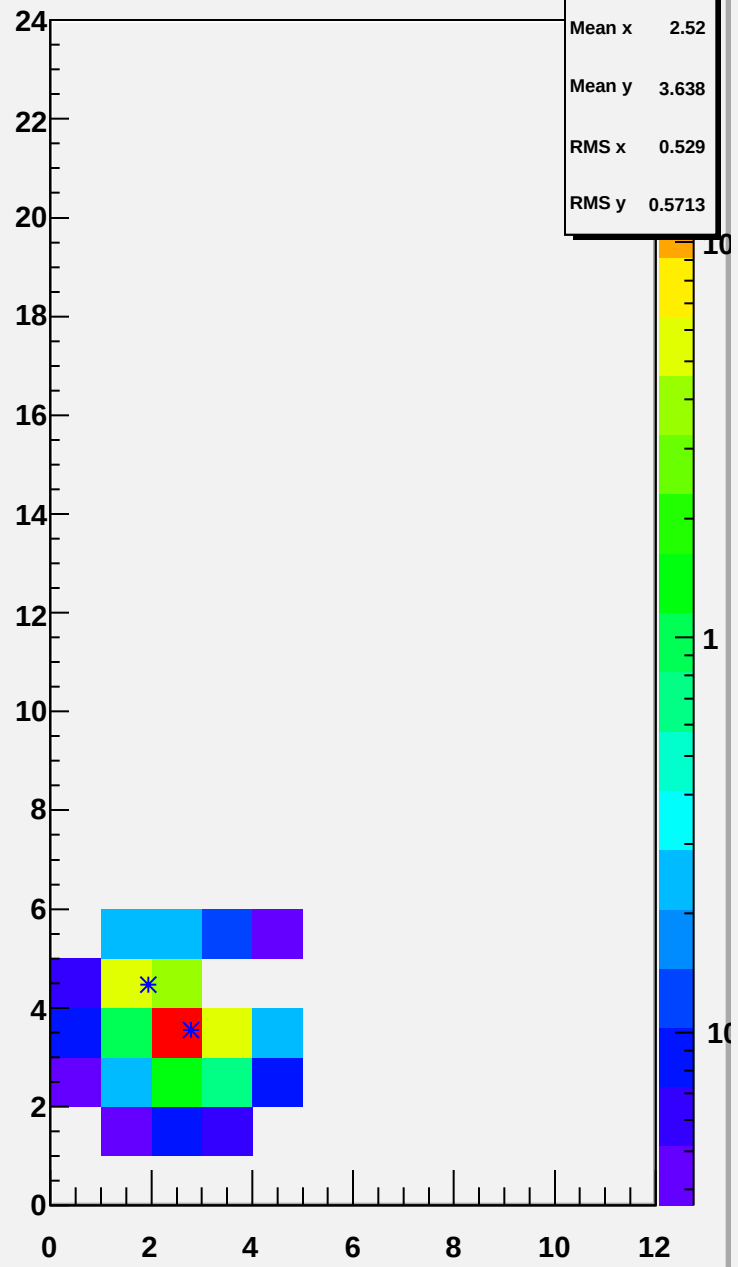
Efit

Entries	288
Mean x	1.677
Mean y	4.418
RMS x	0.9895
RMS y	1.114

NSTB3_r4_c3_En=52.5_m0=0.128 m1=0.129 index=740



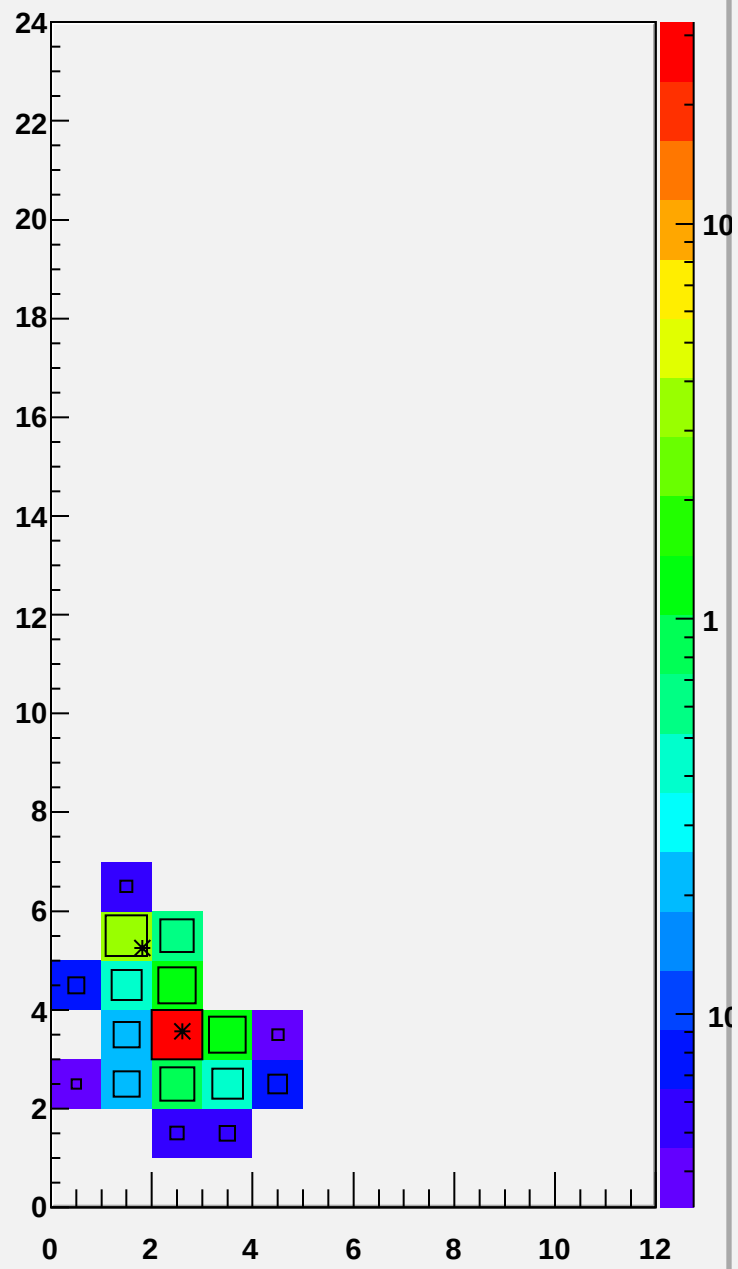
Fitted Energies



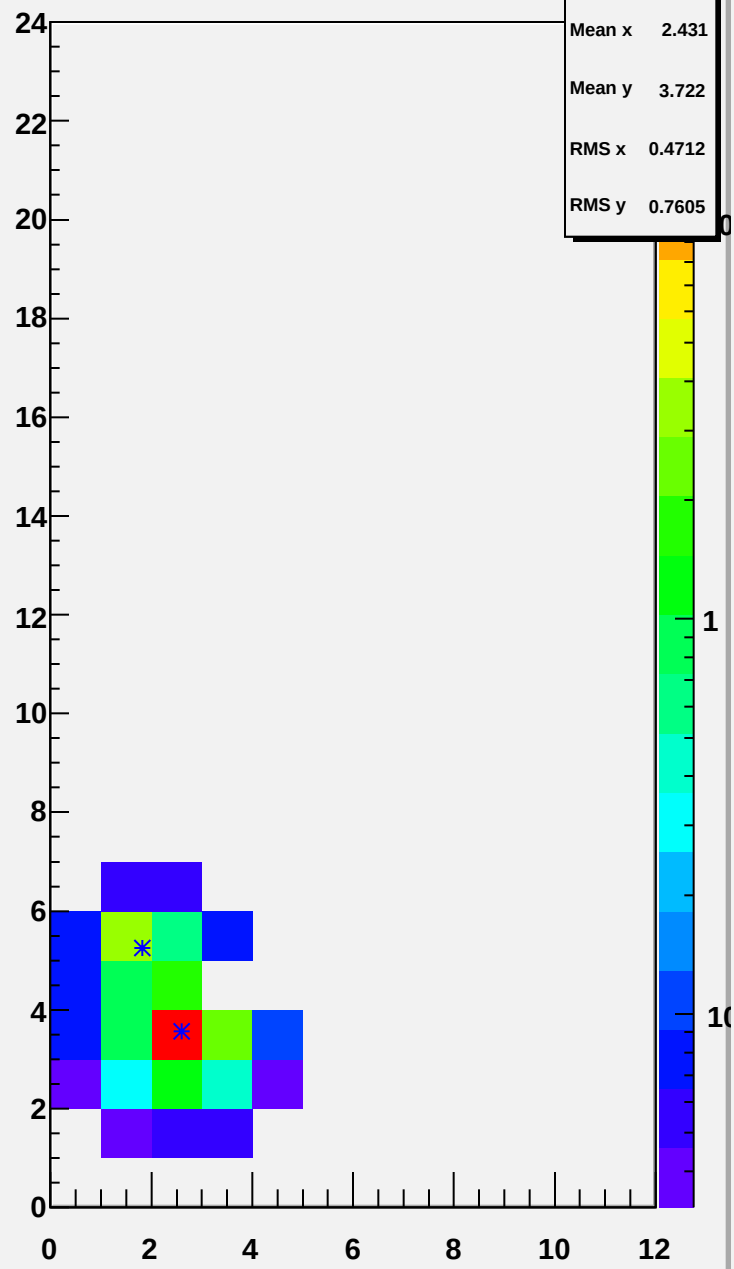
Efit

Entries	288
Mean x	2.52
Mean y	3.638
RMS x	0.529
RMS y	0.5713

NSTB3_r4_c3_En=41.4_m0=0.142_m1=0.143_index=741



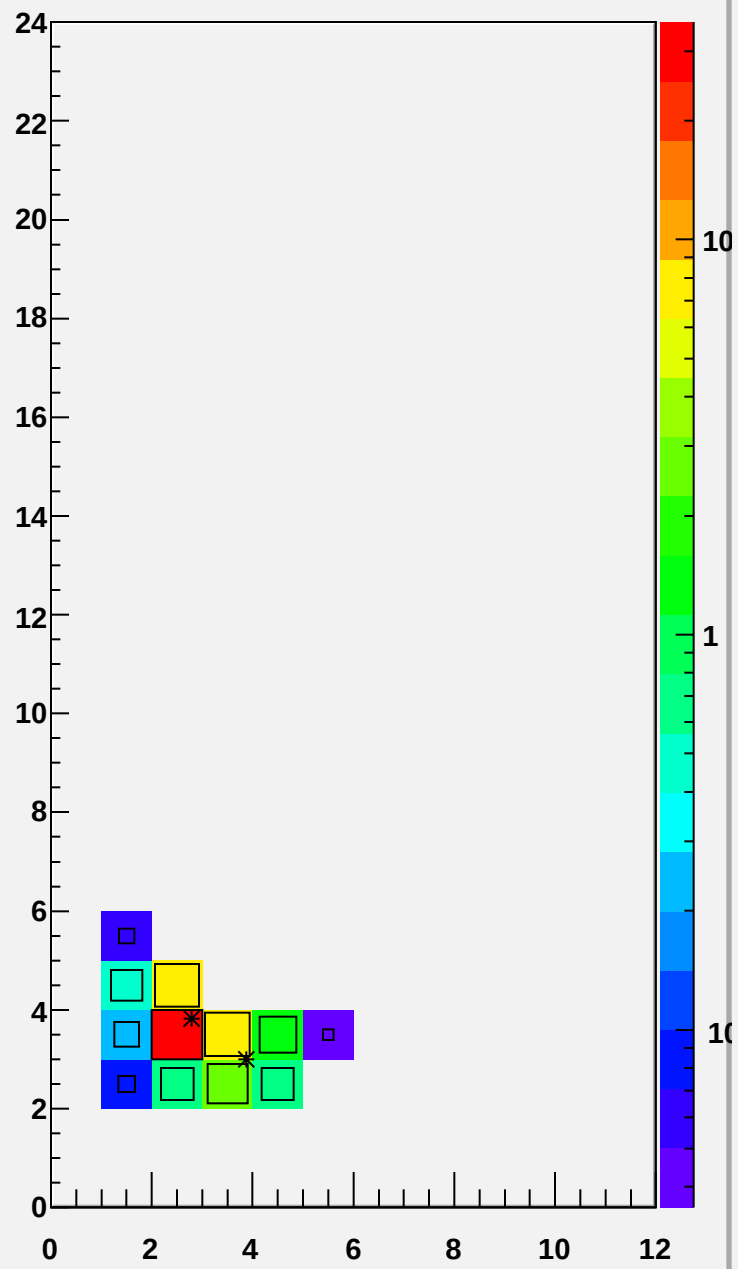
Fitted Energies



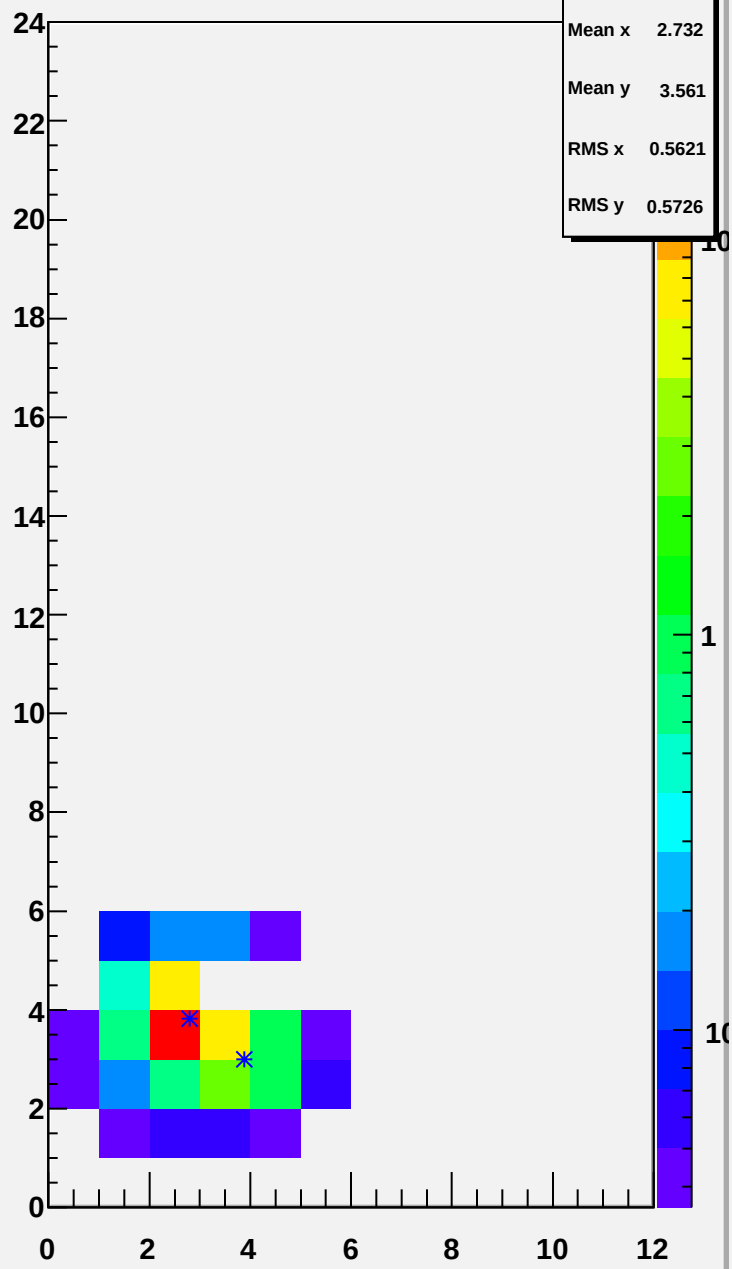
Efit

Entries	288
Mean x	2.431
Mean y	3.722
RMS x	0.4712
RMS y	0.7605

NSTB3_r4_c3_En=55.8_m0=0.135_m1=0.136_index=742



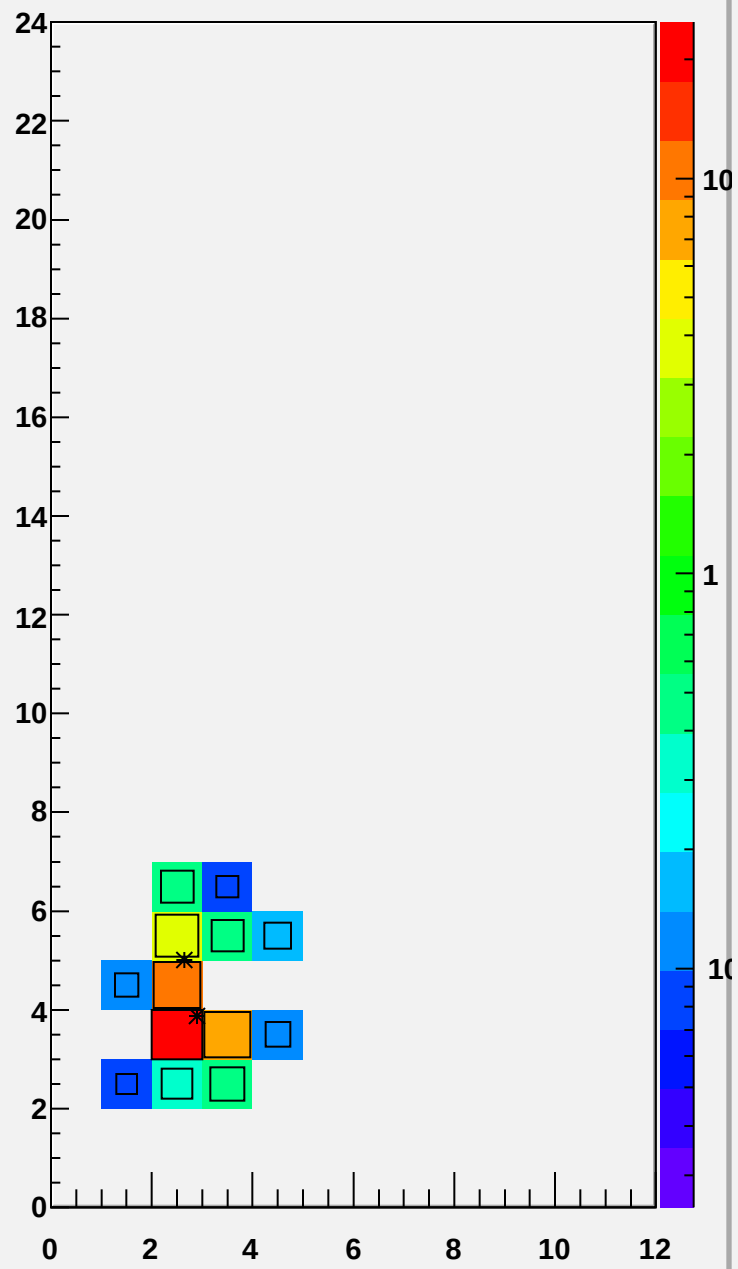
Fitted Energies



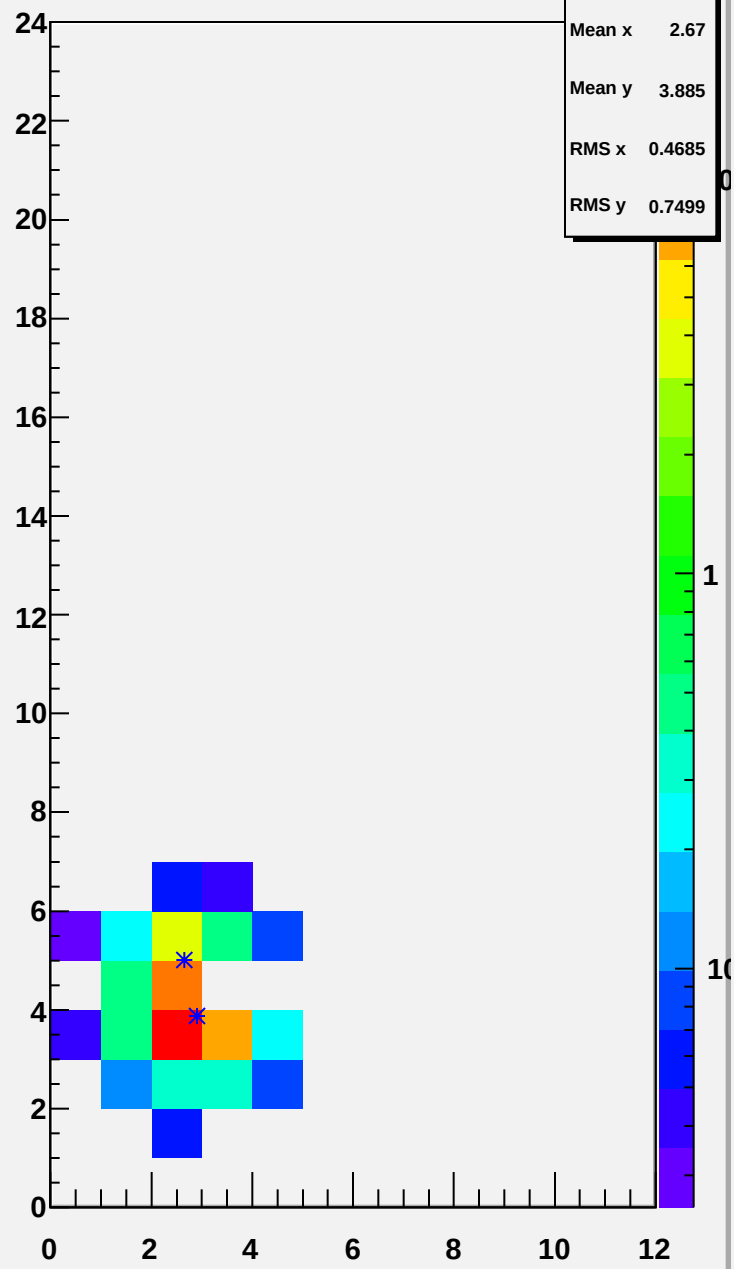
Efit

Entries	288
Mean x	2.732
Mean y	3.561
RMS x	0.5621
RMS y	0.5726

NSTB3_r4_c3_En=48.7_m0=0.121 m1=0.122 index=743



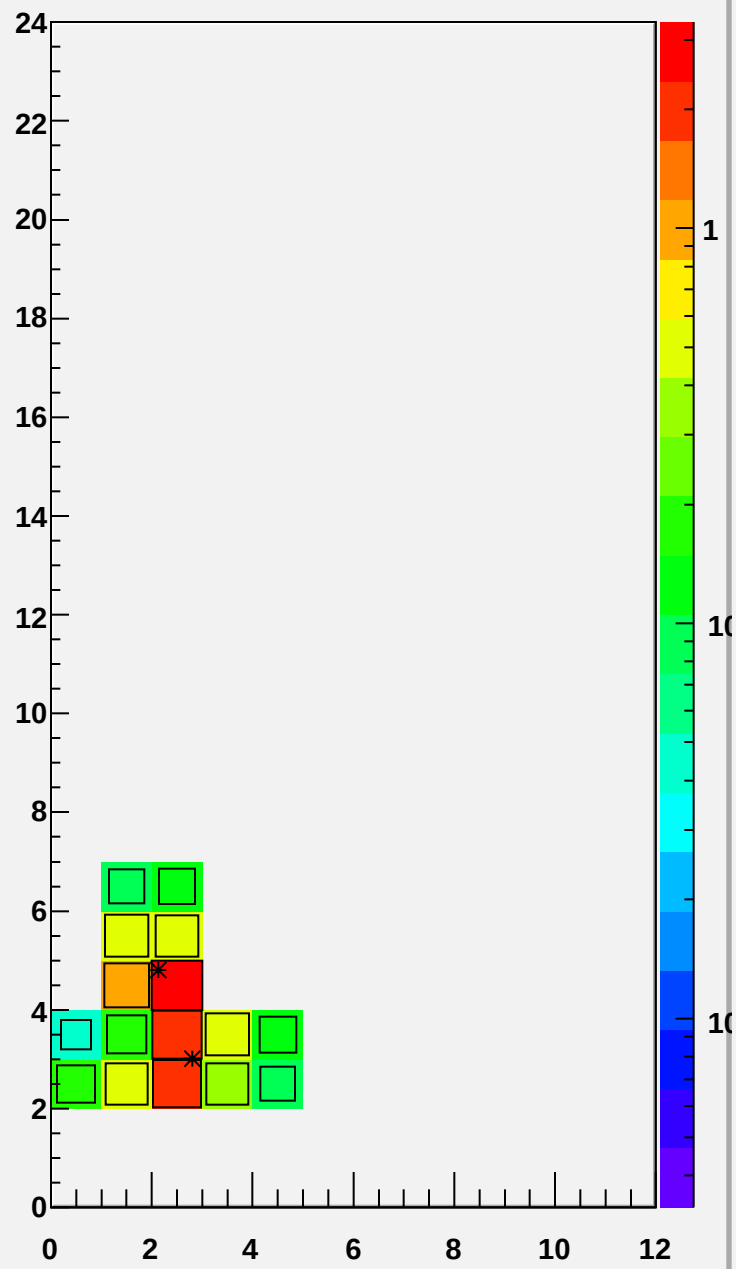
Fitted Energies



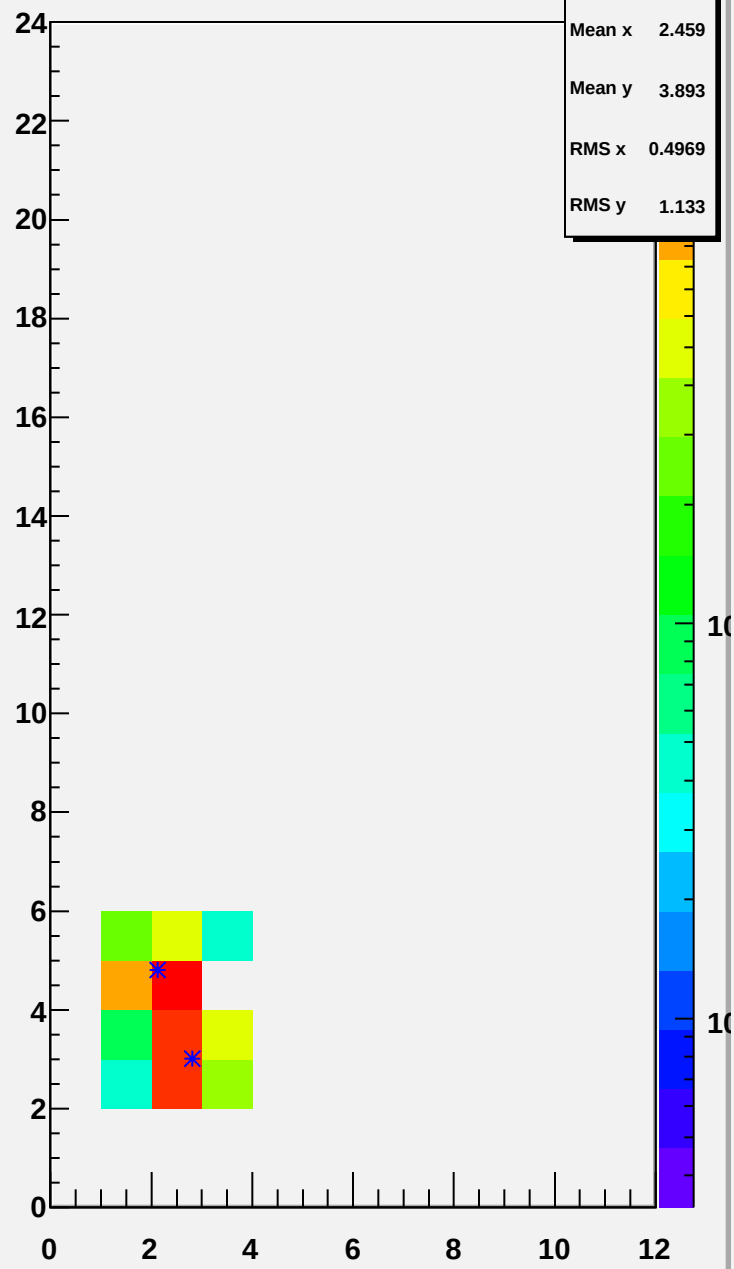
Efit

Entries	288
Mean x	2.67
Mean y	3.885
RMS x	0.4685
RMS y	0.7499

NSTB3_r4_c3_En=11.4_m0=0.056 m1=0.056 index=744



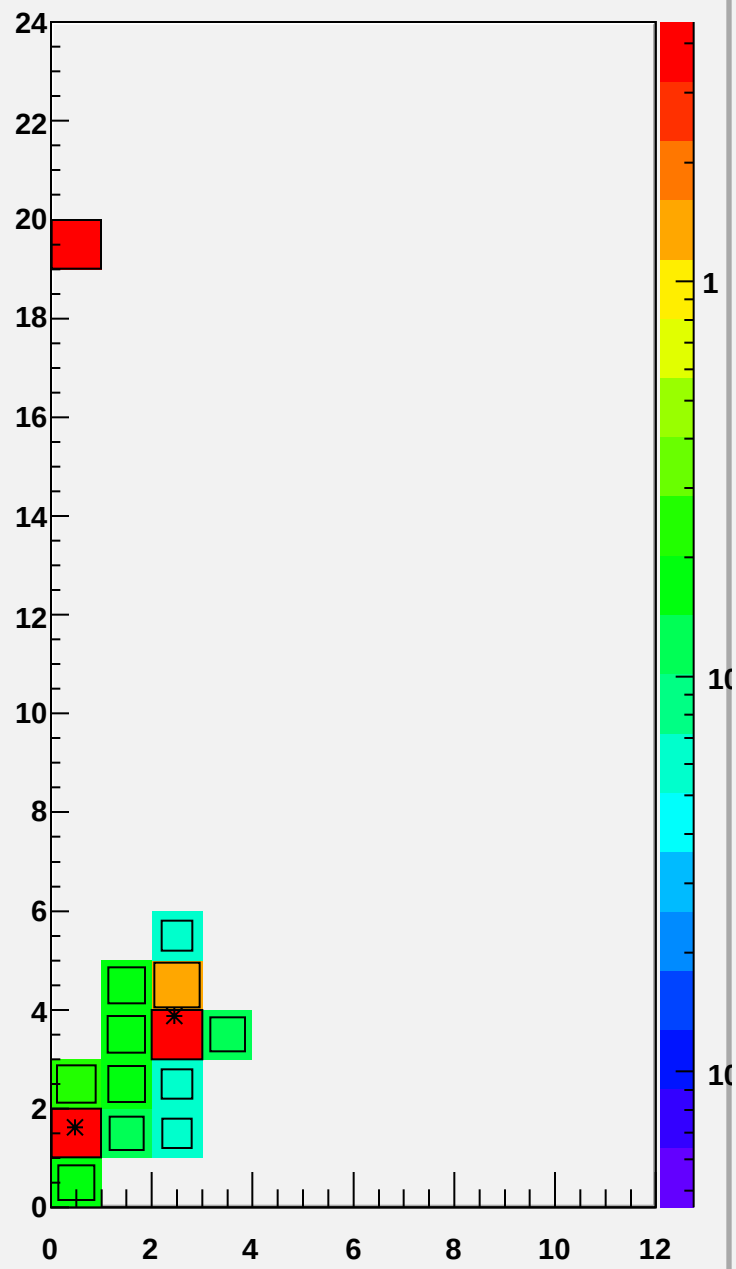
Fitted Energies



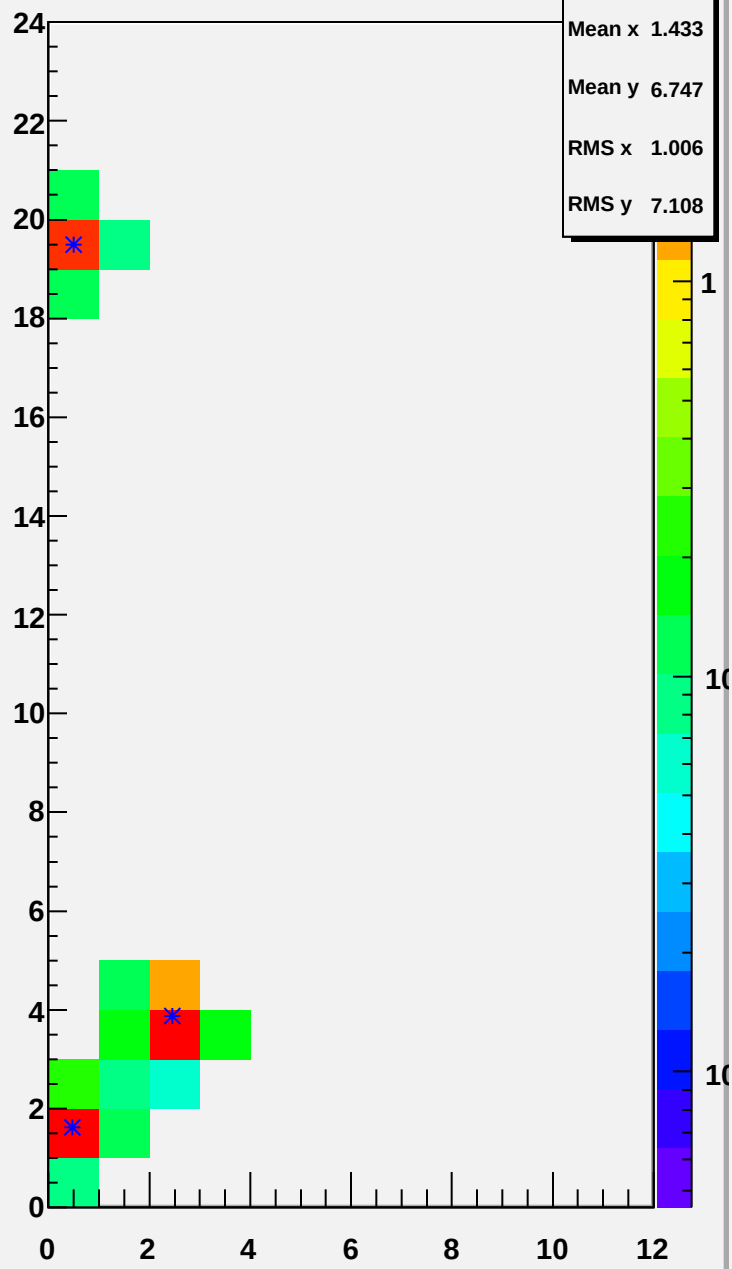
Efit

Entries	288
Mean x	2.459
Mean y	3.893
RMS x	0.4969
RMS y	1.133

NSTB3_r4_c3_En=14.1_m0=0.091_m1=0.091_index=746



Fitted Energies



Efit

Entries 288

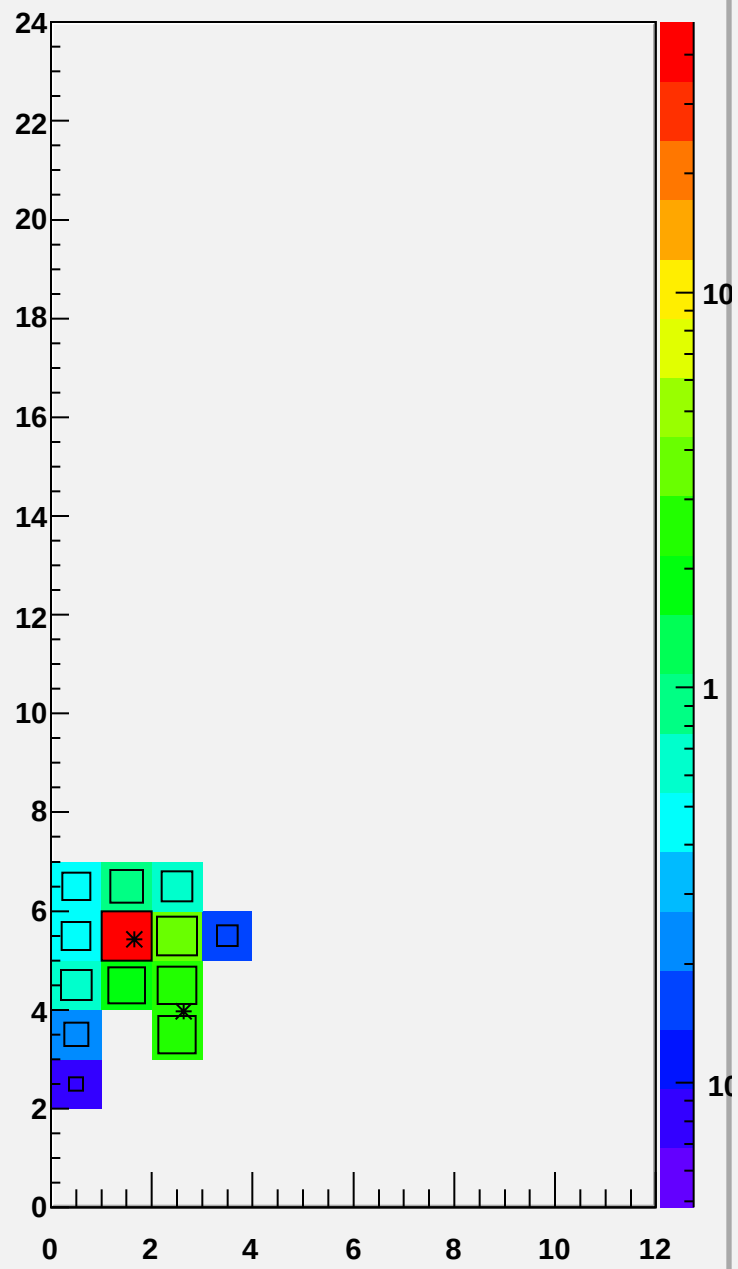
Mean x 1.433

Mean y 6.747

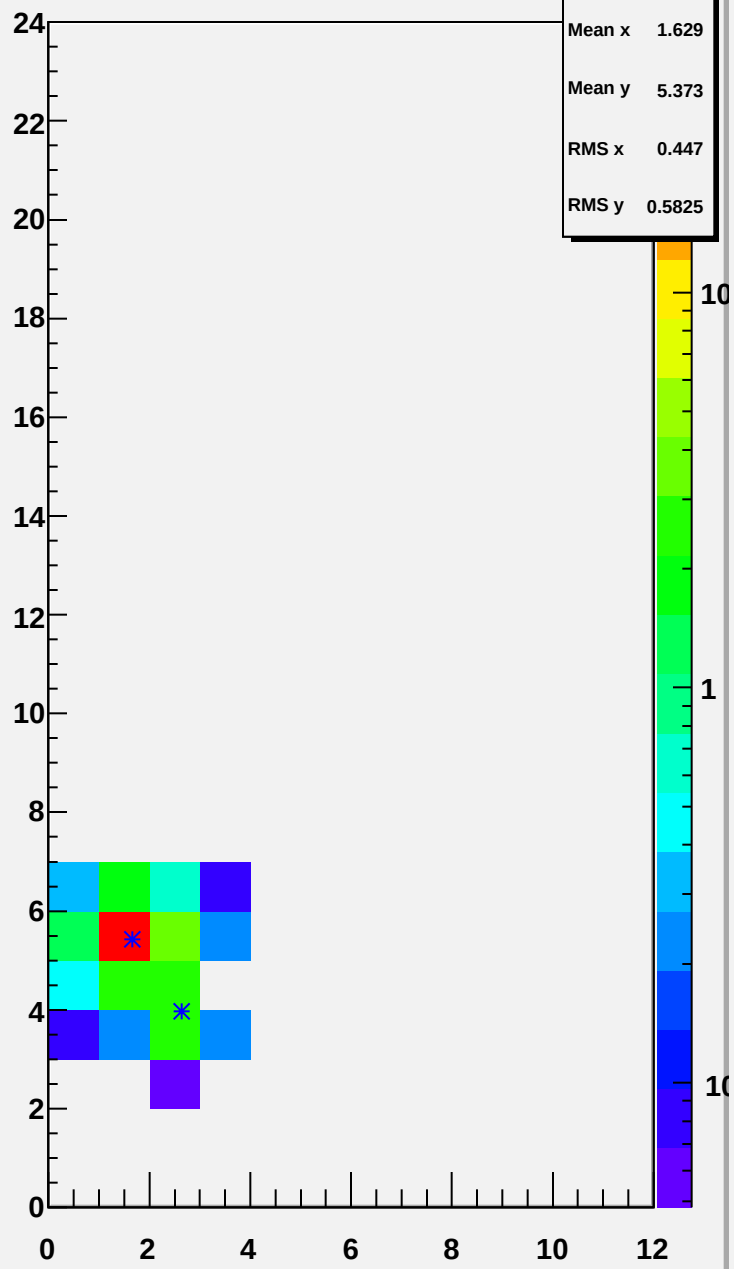
RMS x 1.006

RMS y 7.108

NSTB3_r4_c3_En=62.2_m0=0.154_m1=0.153_index=748



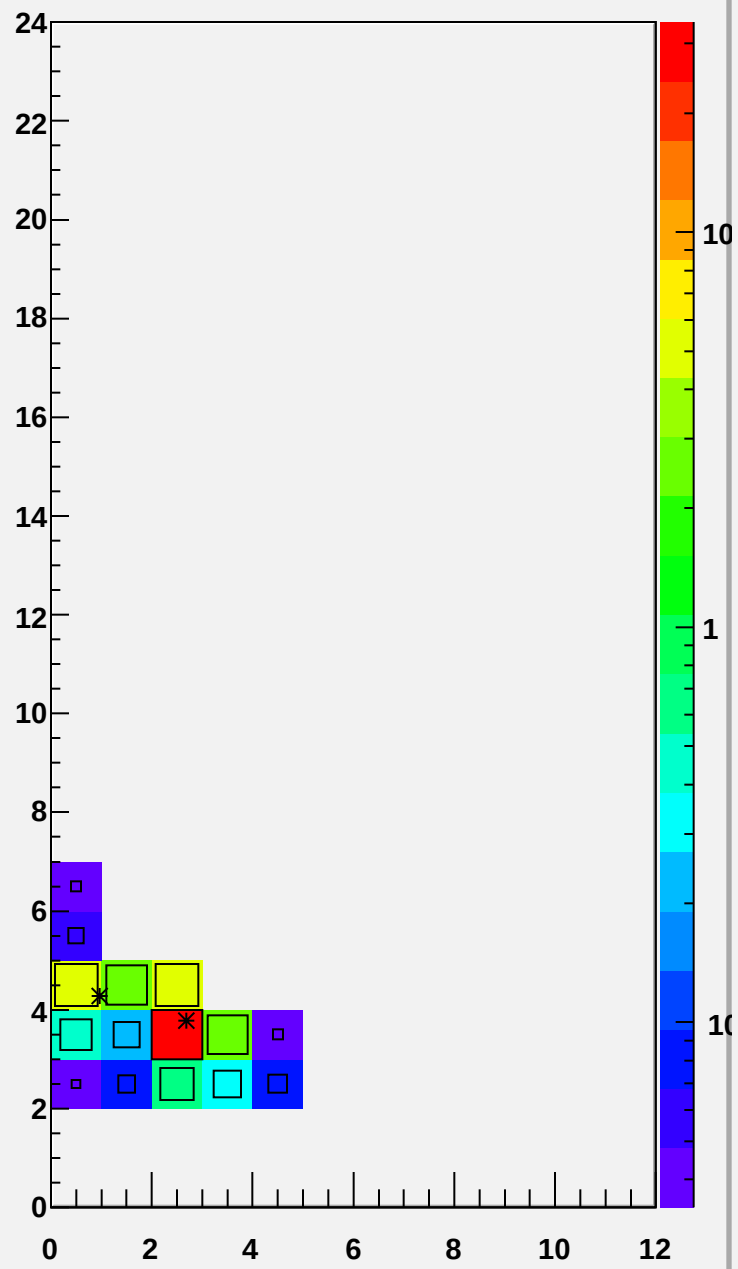
Fitted Energies



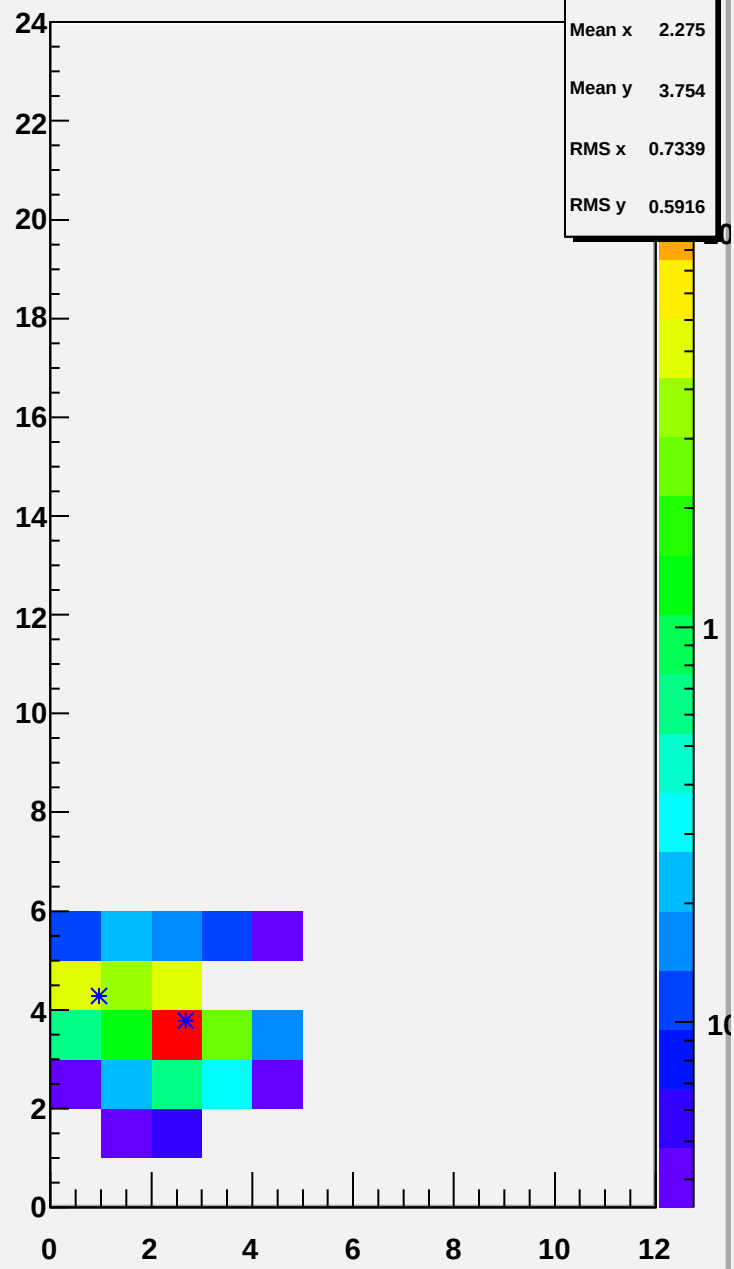
Efit

Entries	288
Mean x	1.629
Mean y	5.373
RMS x	0.447
RMS y	0.5825

NSTB3_r4_c3_En=51.2_m0=0.199 m1=0.199 index=750



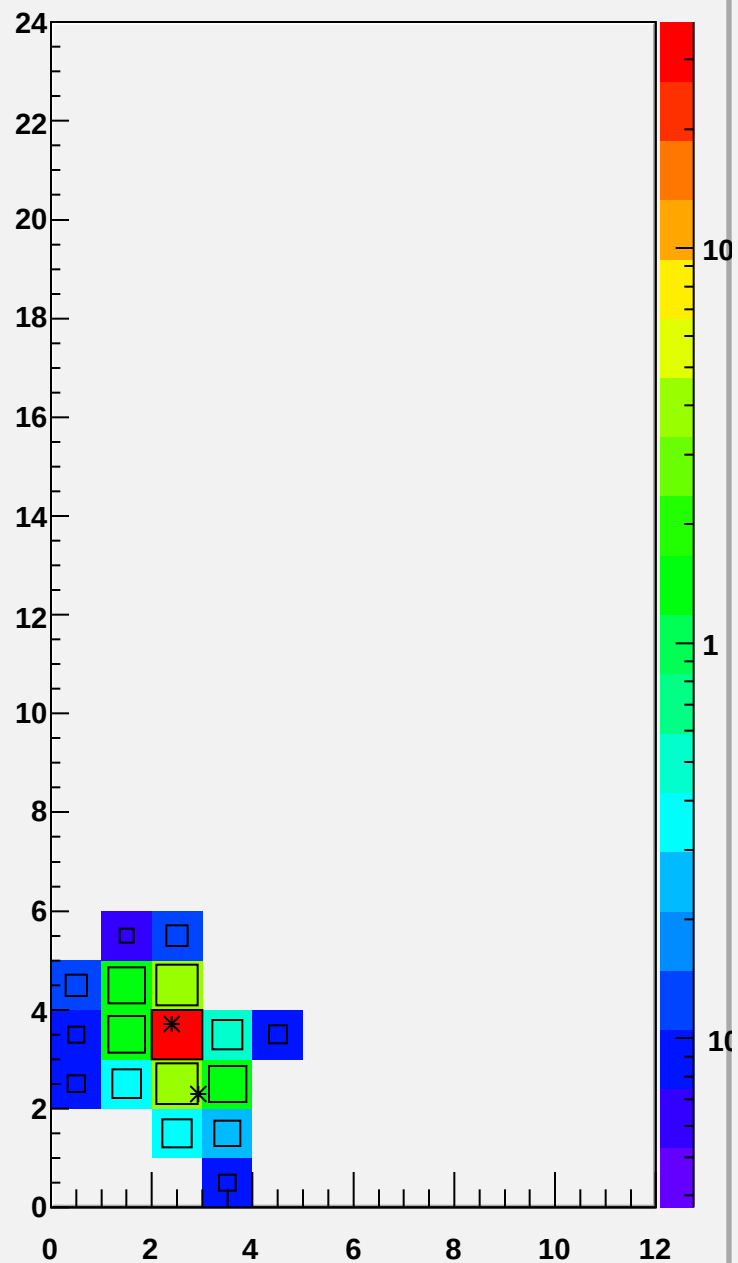
Fitted Energies



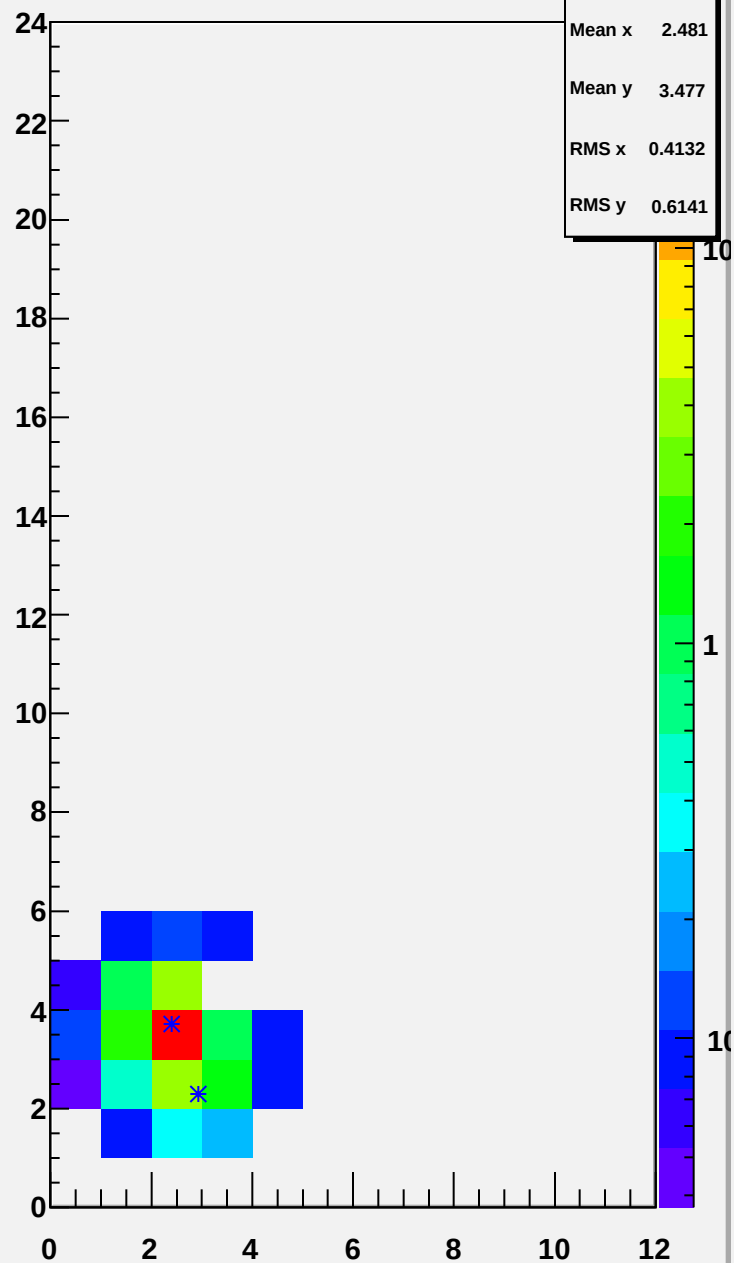
Efit

Entries	288
Mean x	2.275
Mean y	3.754
RMS x	0.7339
RMS y	0.5916

NSTB3_r4_c3_En=51.9_m0=0.133 m1=0.132 index=751



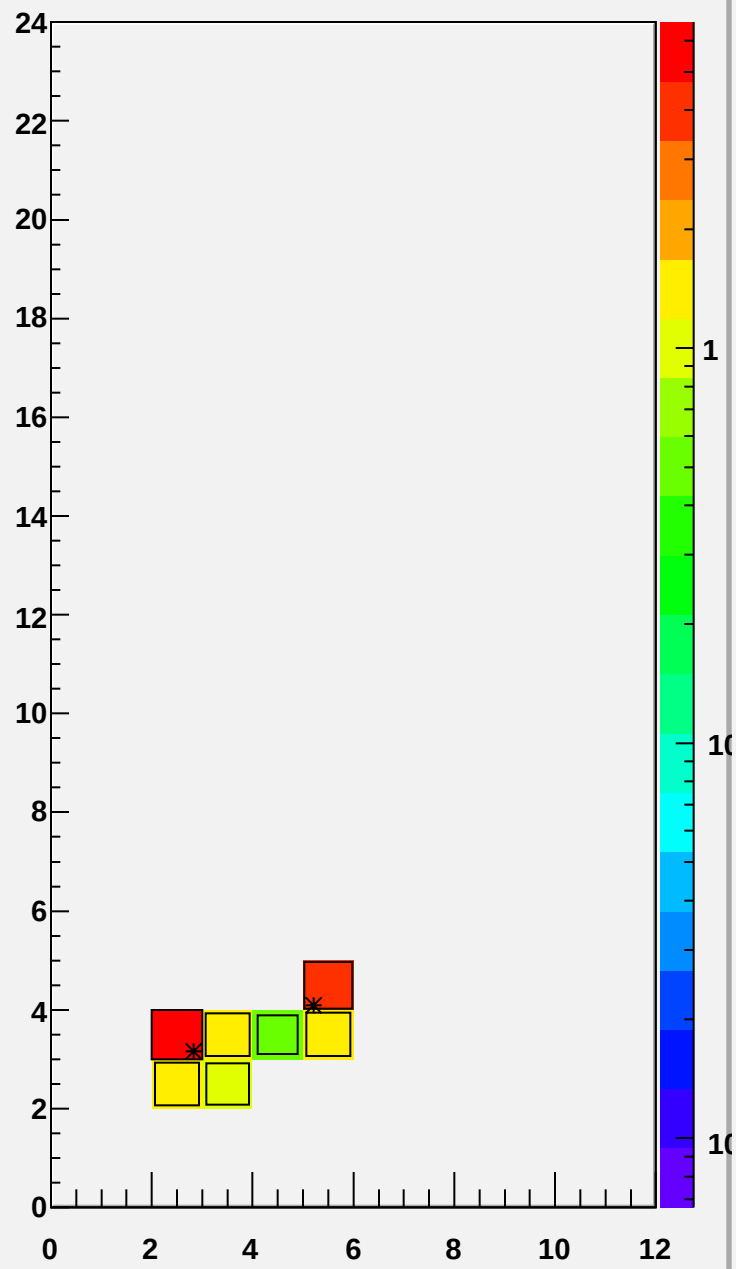
Fitted Energies



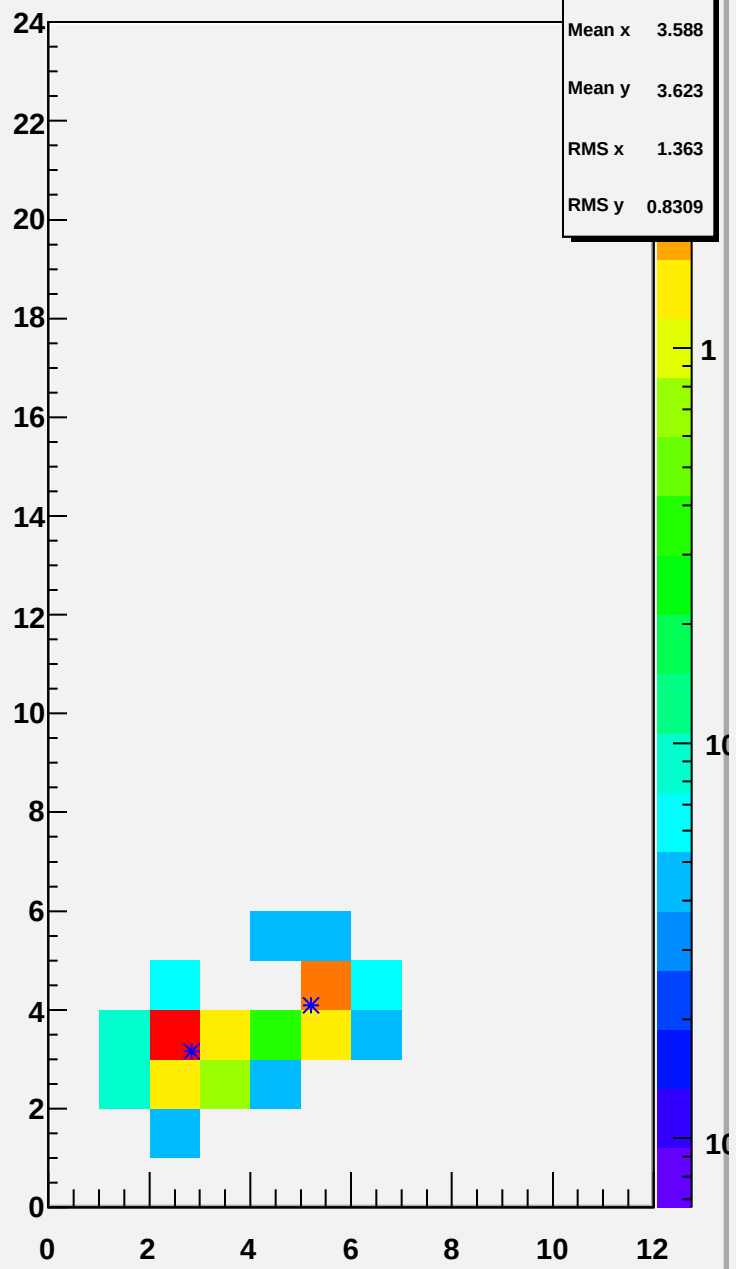
Efit

Entries	288
Mean x	2.481
Mean y	3.477
RMS x	0.4132
RMS y	0.6141

NSTB3_r4_c3_En=15.4_m0=0.109 m1=0.109 index=752



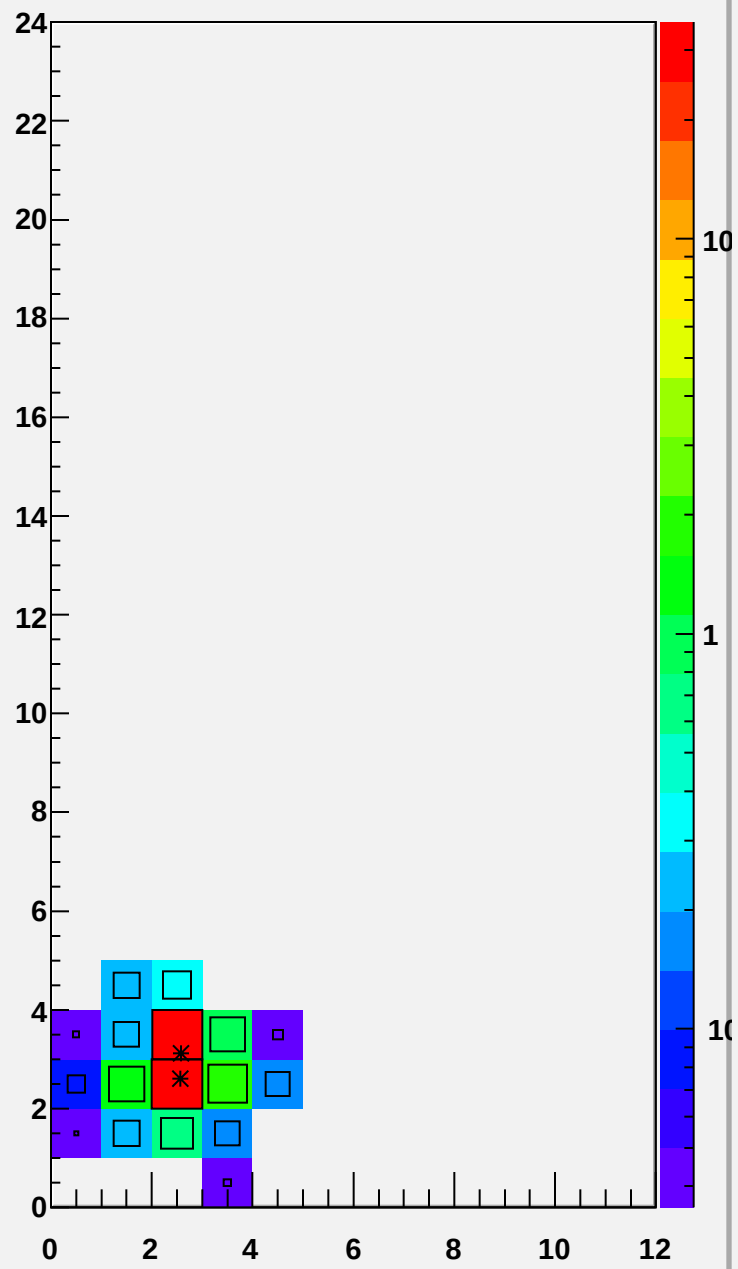
Fitted Energies



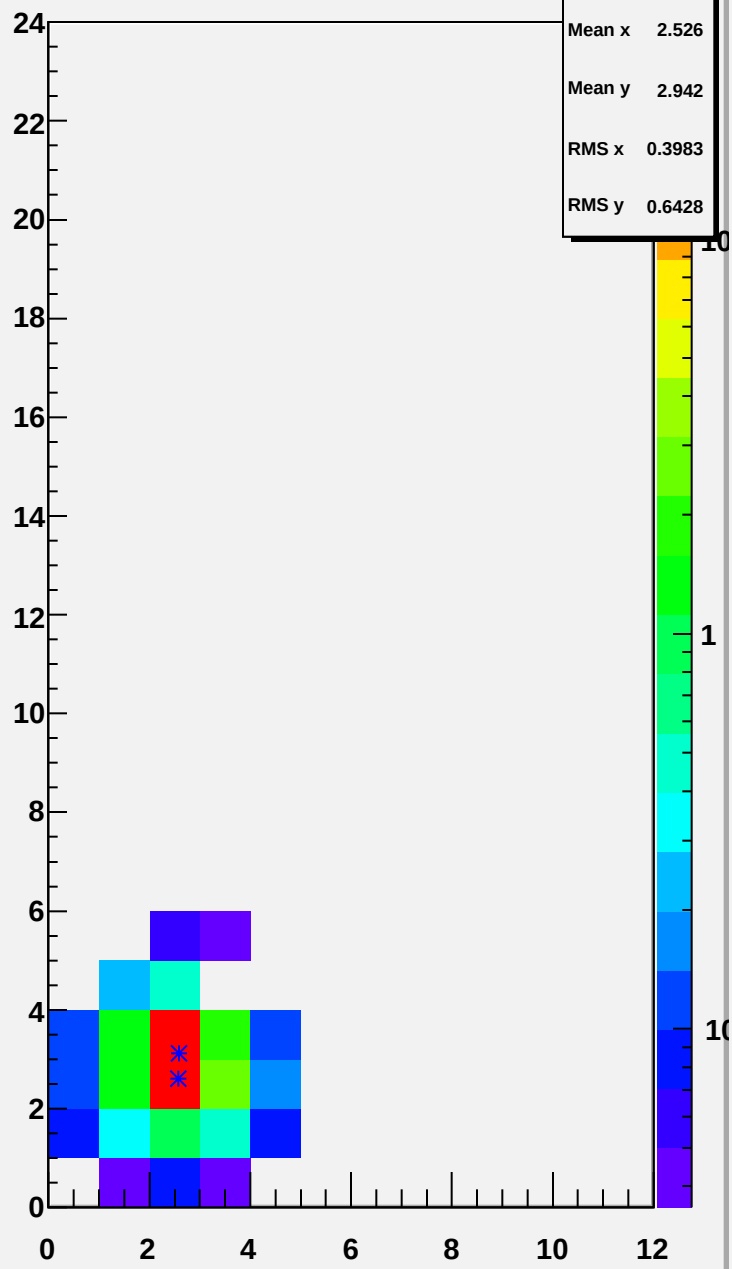
Efit

Entries	288
Mean x	3.588
Mean y	3.623
RMS x	1.363
RMS y	0.8309

NSTB3_r4_c3_En=73.0_m0=0.103_m1=0.103_index=755



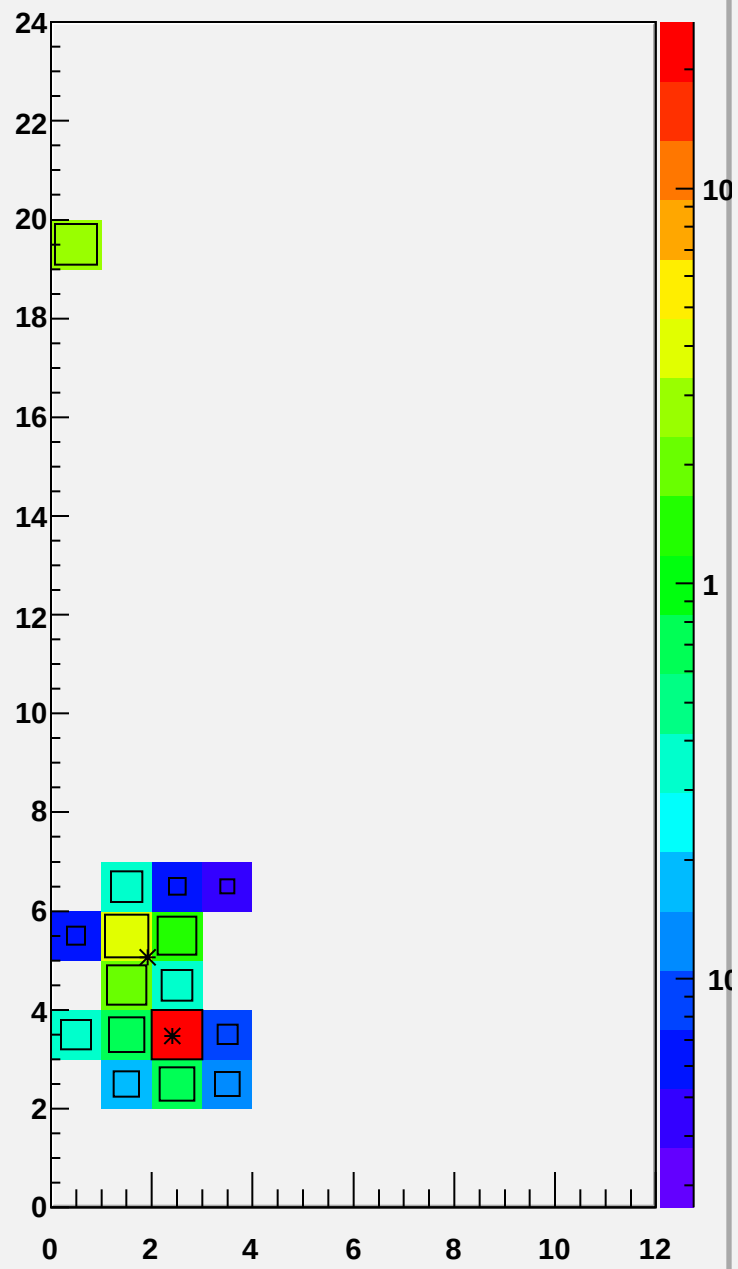
Fitted Energies



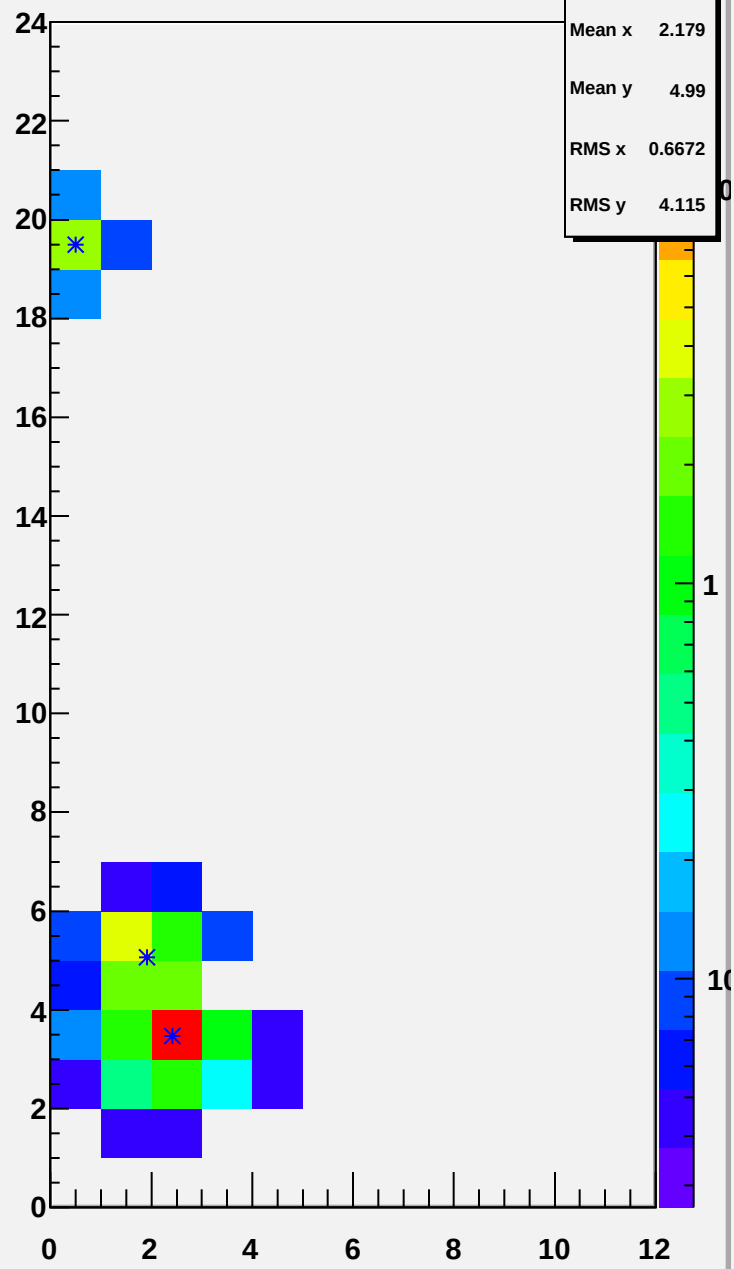
Efit

Entries	288
Mean x	2.526
Mean y	2.942
RMS x	0.3983
RMS y	0.6428

NSTB3_r4_c3_En=40.7_m0=0.159 m1=0.159 index=756



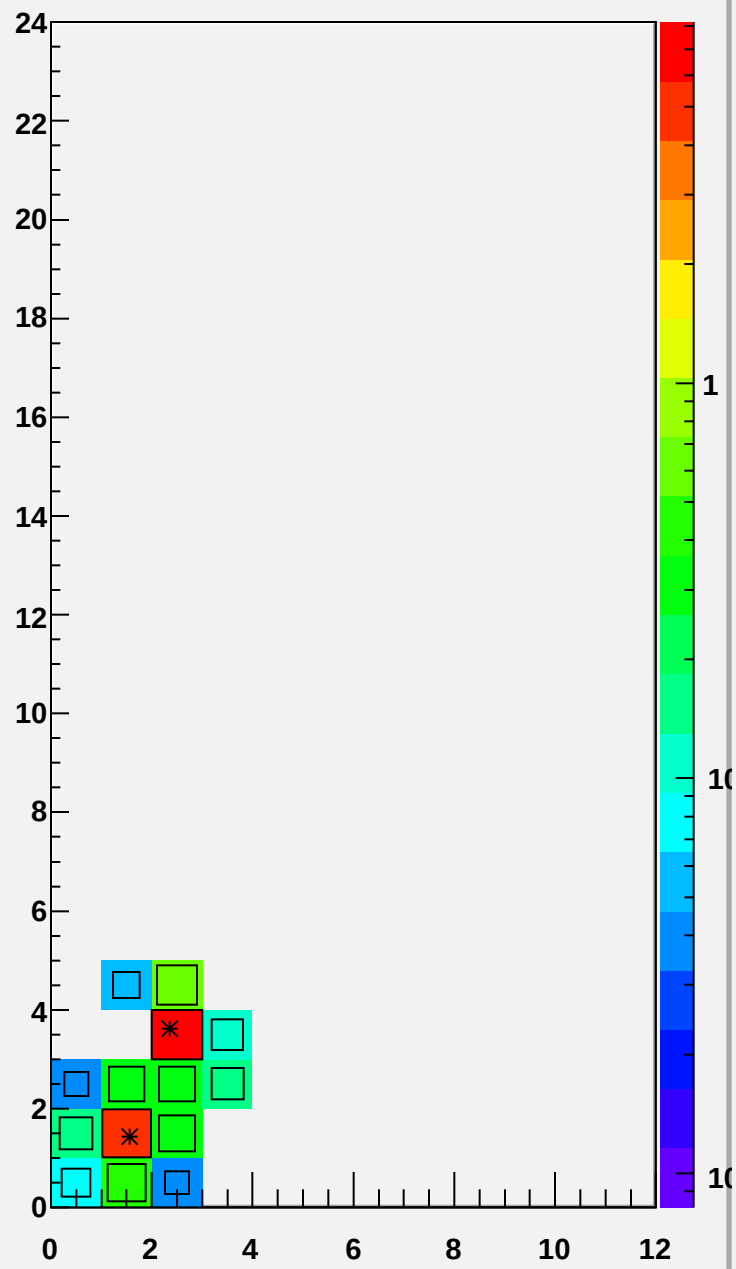
Fitted Energies



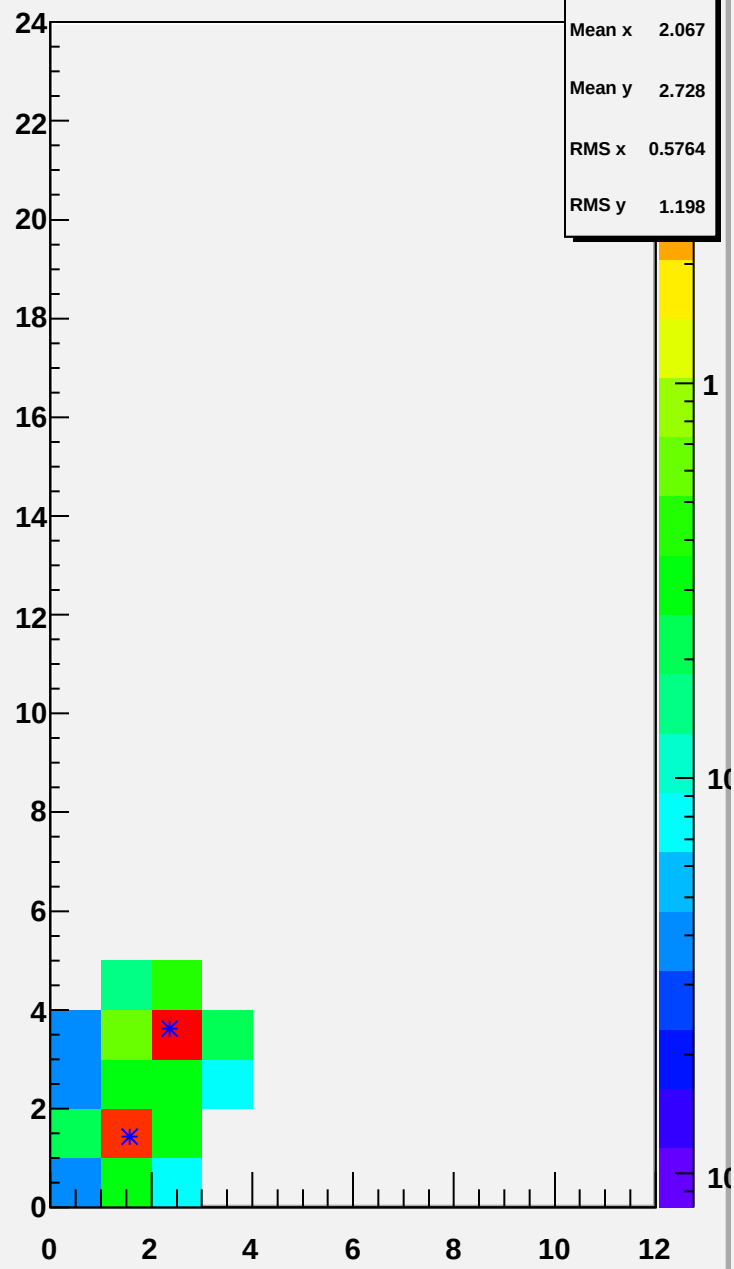
Efit

Entries	288
Mean x	2.179
Mean y	4.99
RMS x	0.6672
RMS y	4.115

NSTB3_r4_c3_En=16.4_m0=0.109 m1=0.109 index=757



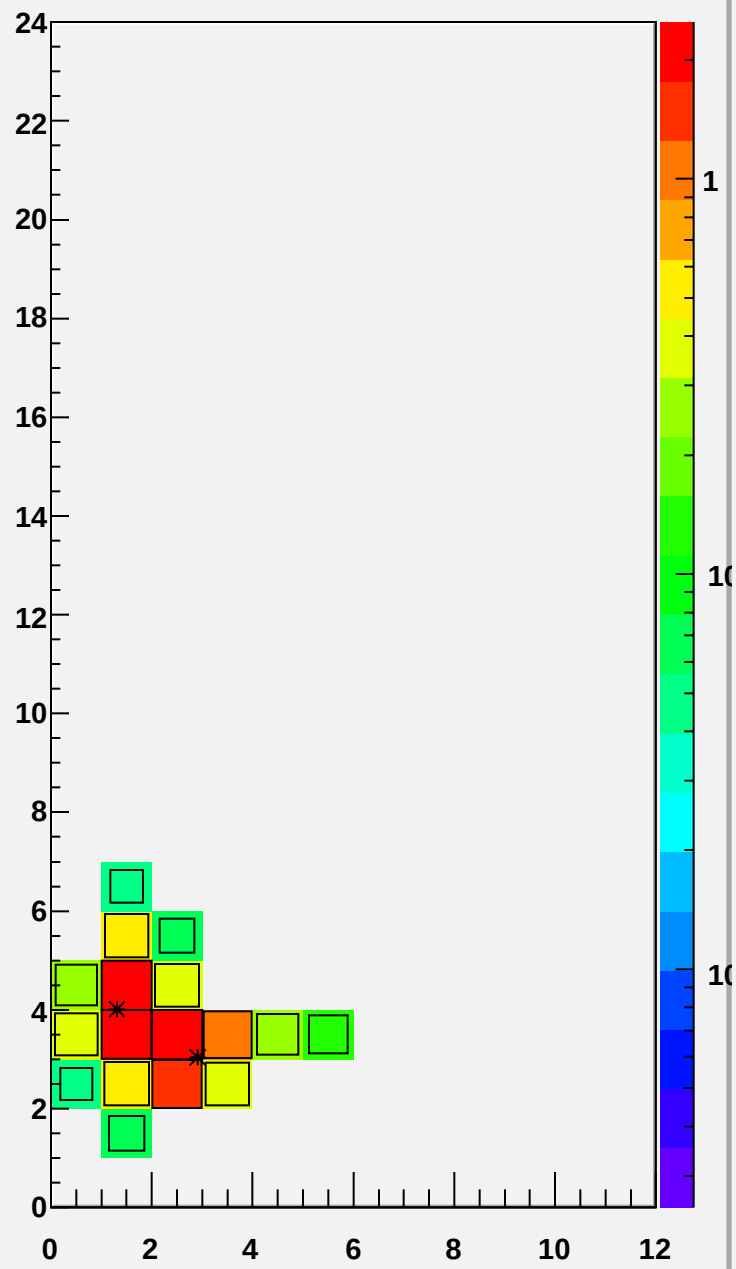
Fitted Energies



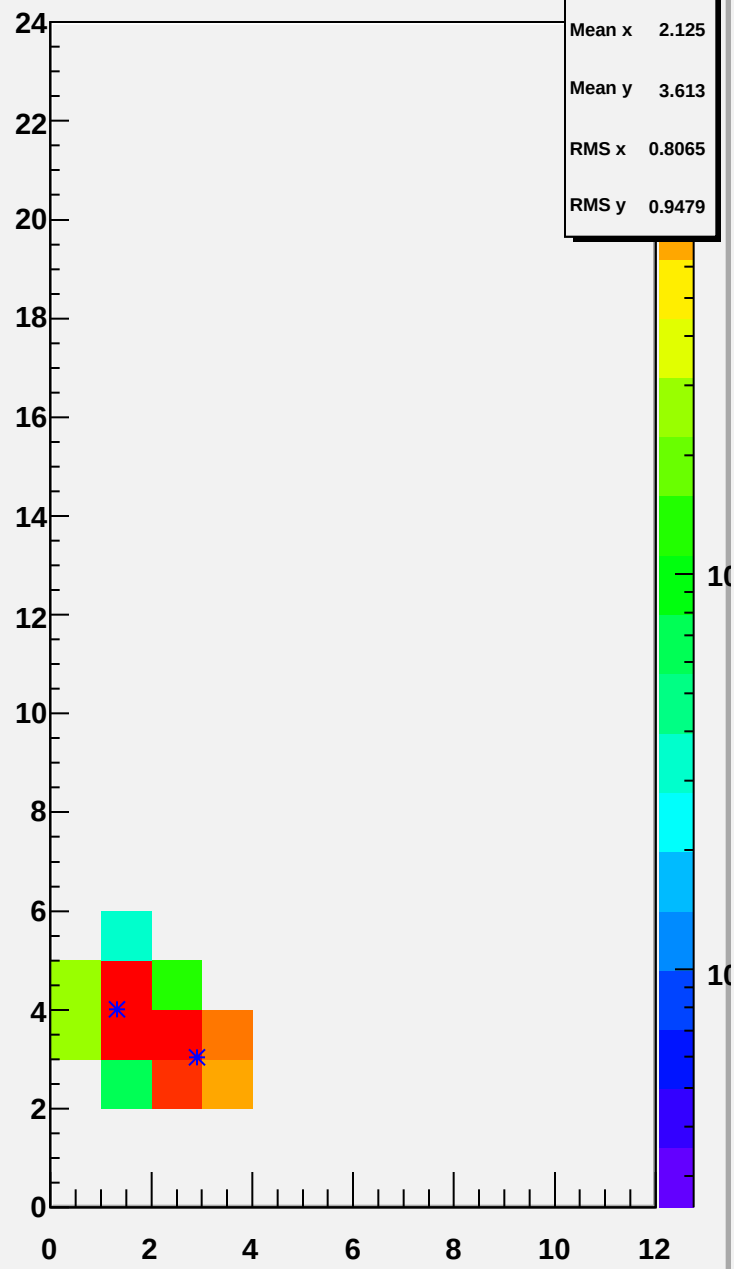
Efit

Entries	288
Mean x	2.067
Mean y	2.728
RMS x	0.5764
RMS y	1.198

NSTB3_r4_c3_En=12.9_m0=0.059 m1=0.059 index=758



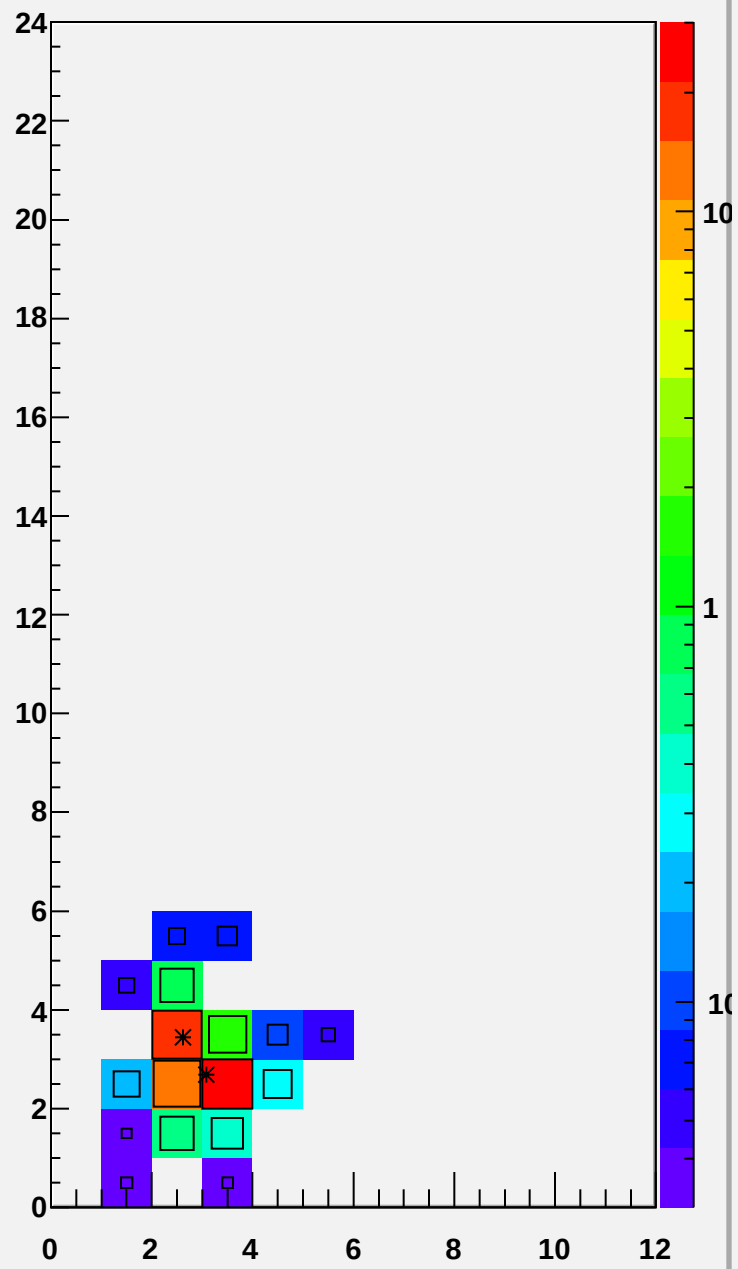
Fitted Energies



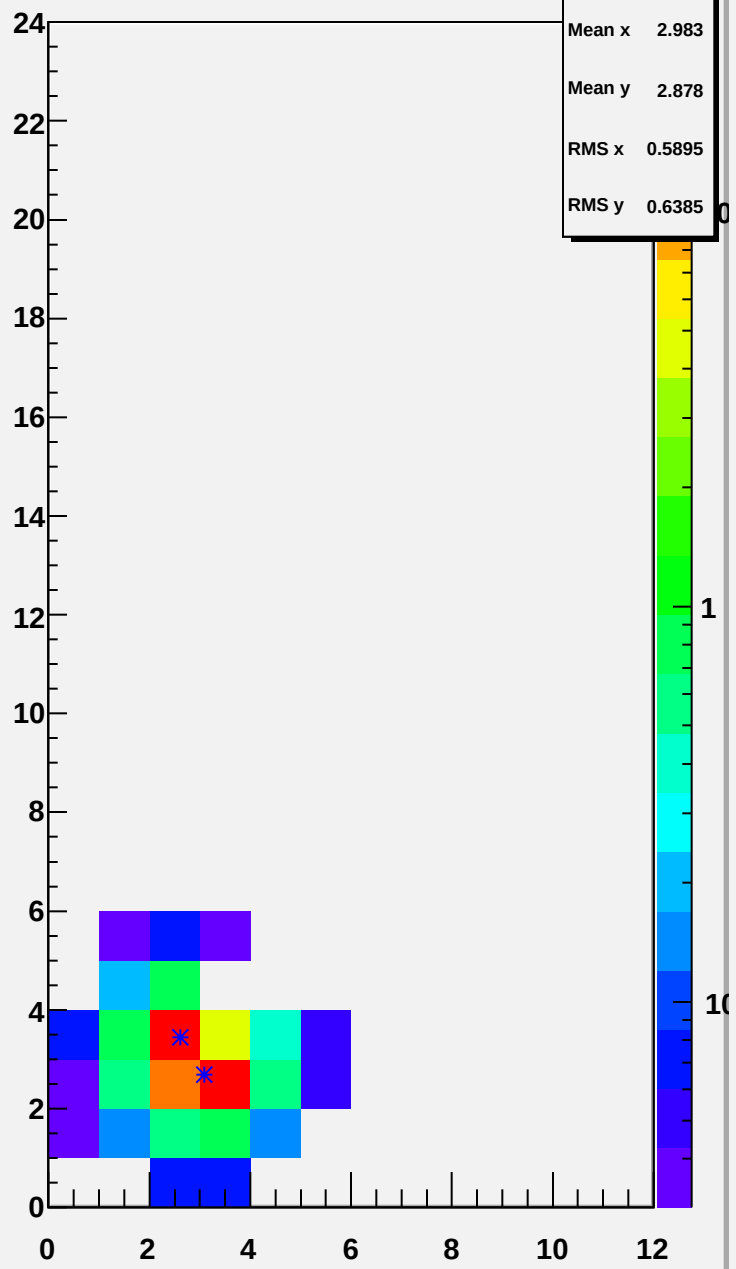
Efit

Entries	288
Mean x	2.125
Mean y	3.613
RMS x	0.8065
RMS y	0.9479

NSTB3_r4_c3_En=65.6_m0=0.167 m1=0.167 index=759



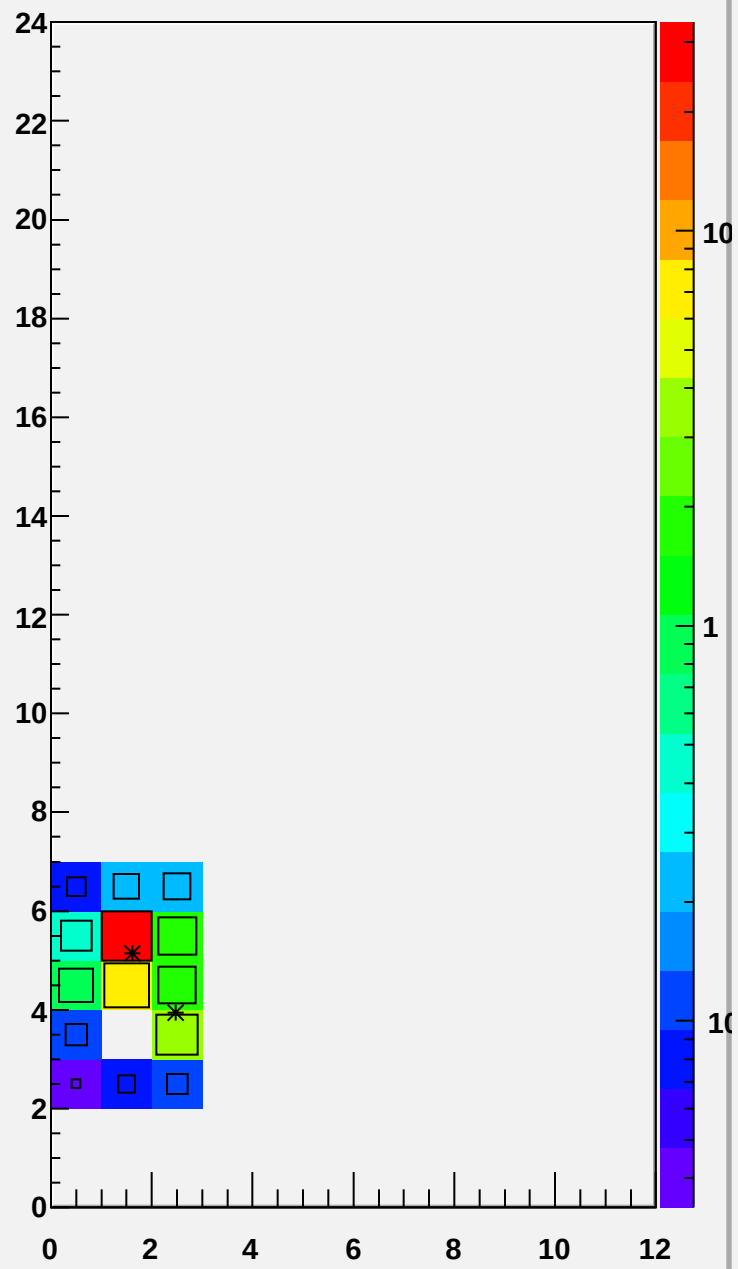
Fitted Energies



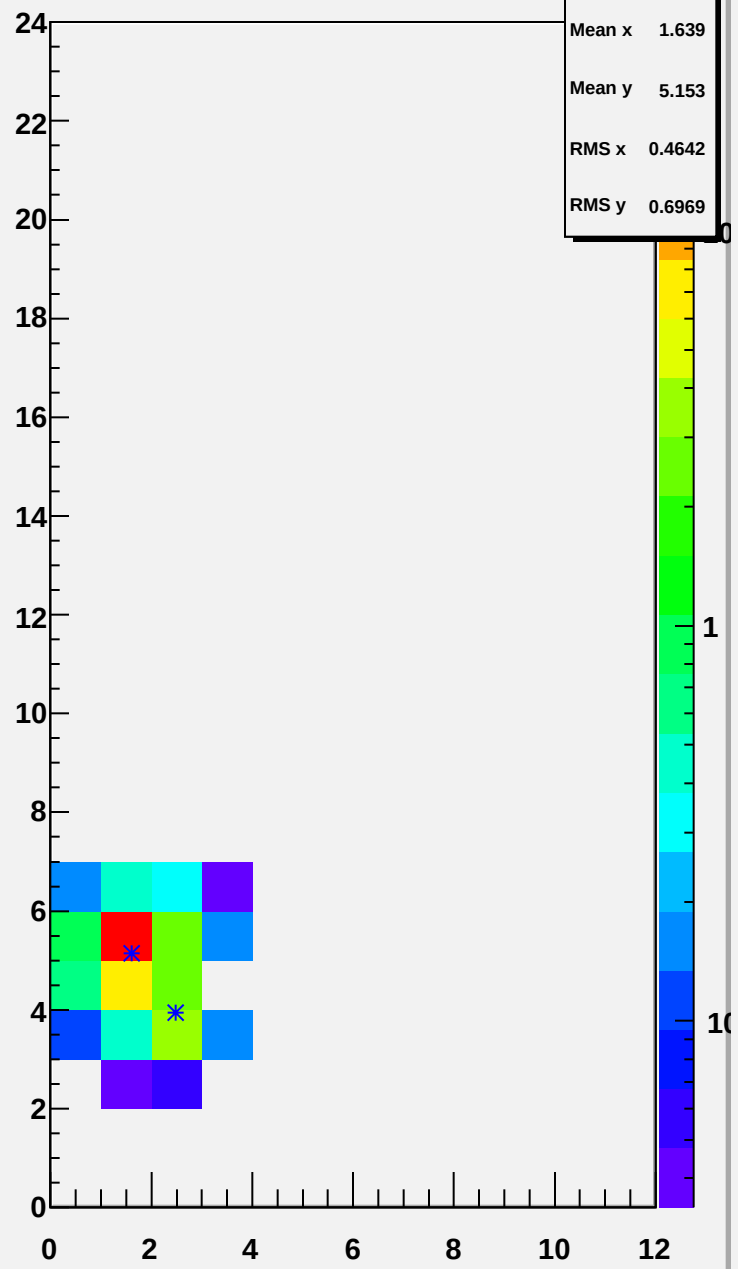
Efit

Entries	288
Mean x	2.983
Mean y	2.878
RMS x	0.5895
RMS y	0.6385

NSTB3_r4_c3_En=50.4_m0=0.131 m1=0.132 index=760



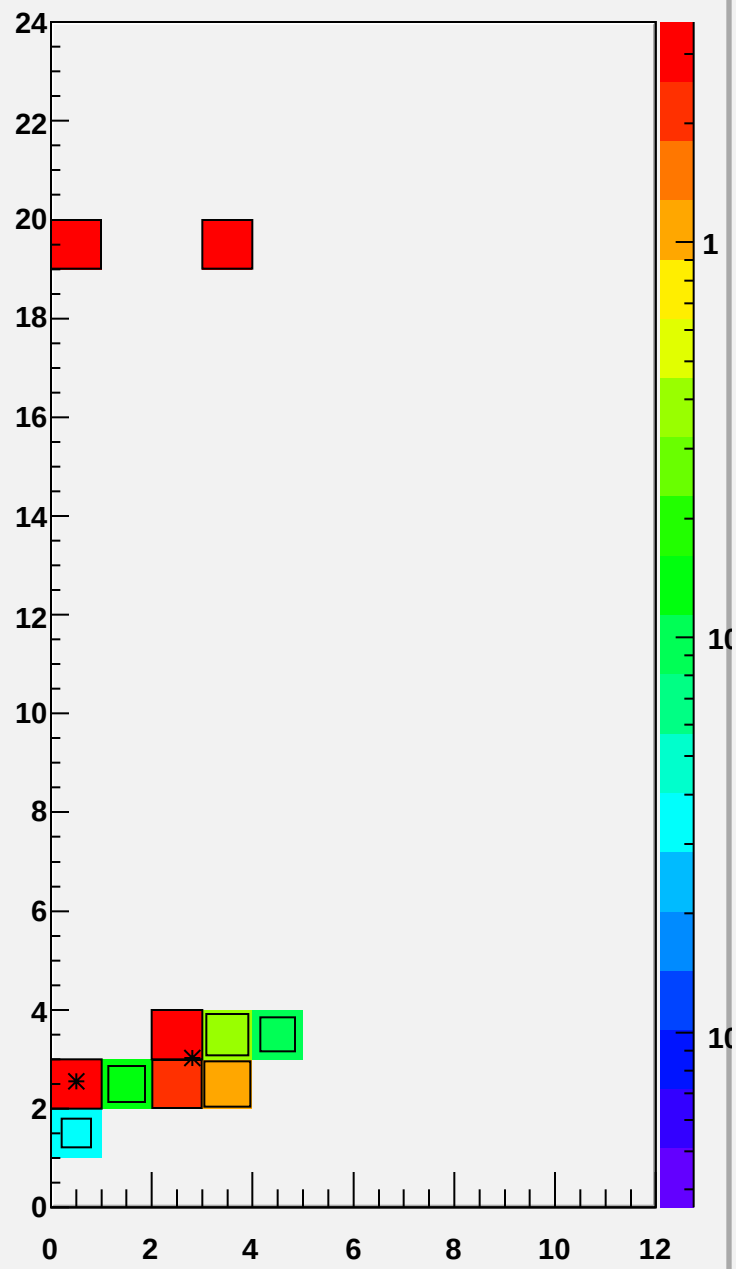
Fitted Energies



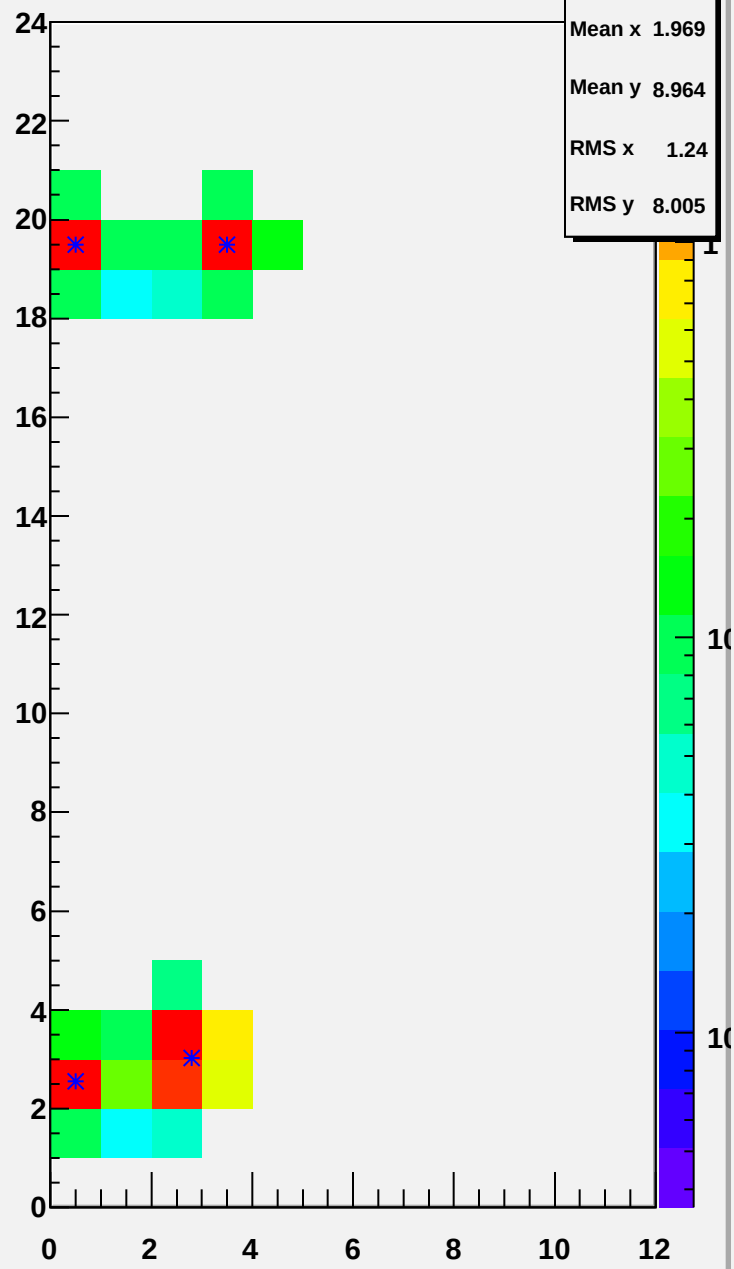
Efit

Entries	288
Mean x	1.639
Mean y	5.153
RMS x	0.4642
RMS y	0.6969

NSTB3_r4_c3_En=17.8_m0=0.074 m1=0.074 index=761



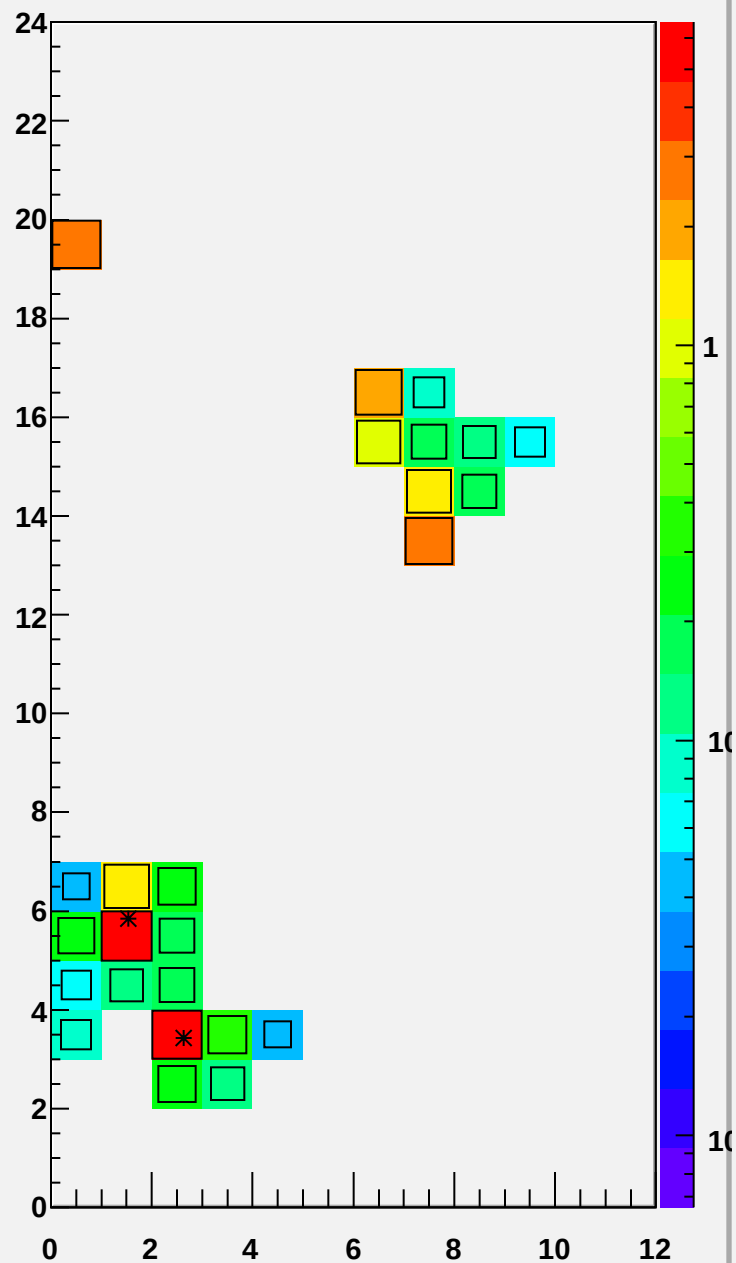
Fitted Energies



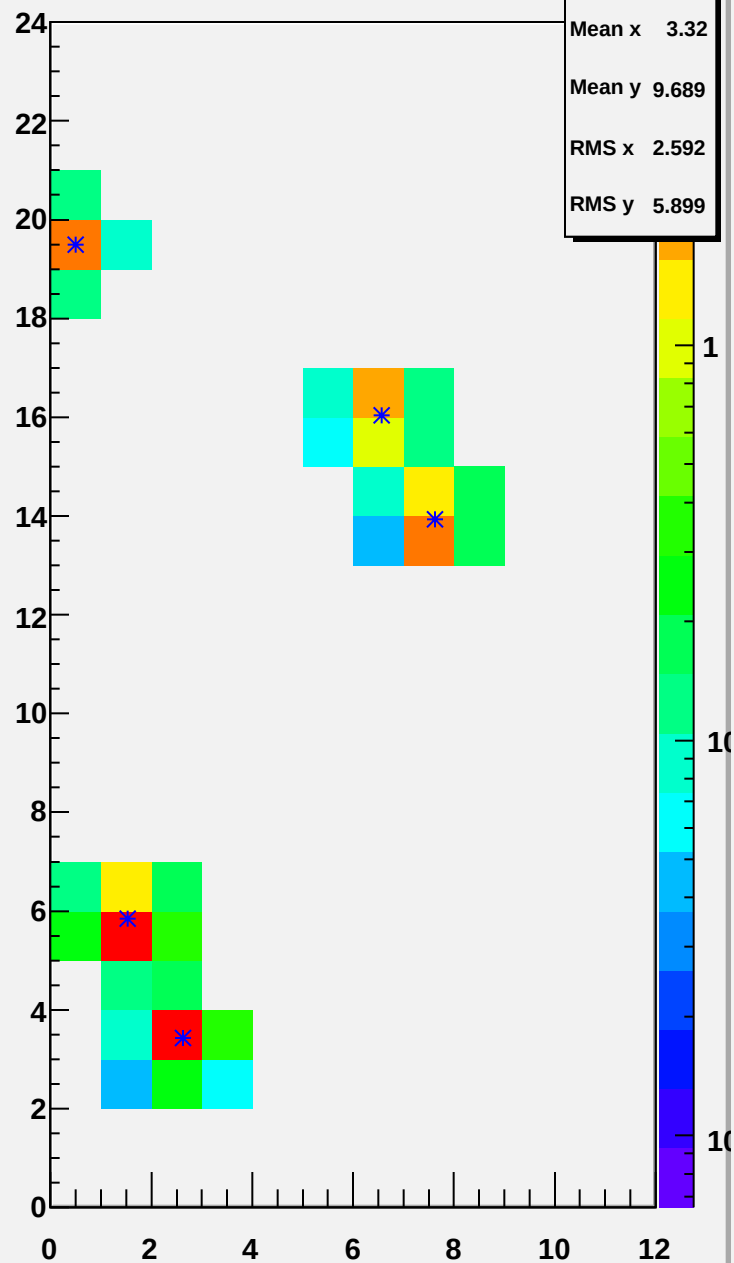
Efit

Entries 288
Mean x 1.969
Mean y 8.964
RMS x 1.24
RMS y 8.005

NSTB3_r4_c3_En=25.7_m0=0.109 m1=0.108 index=762



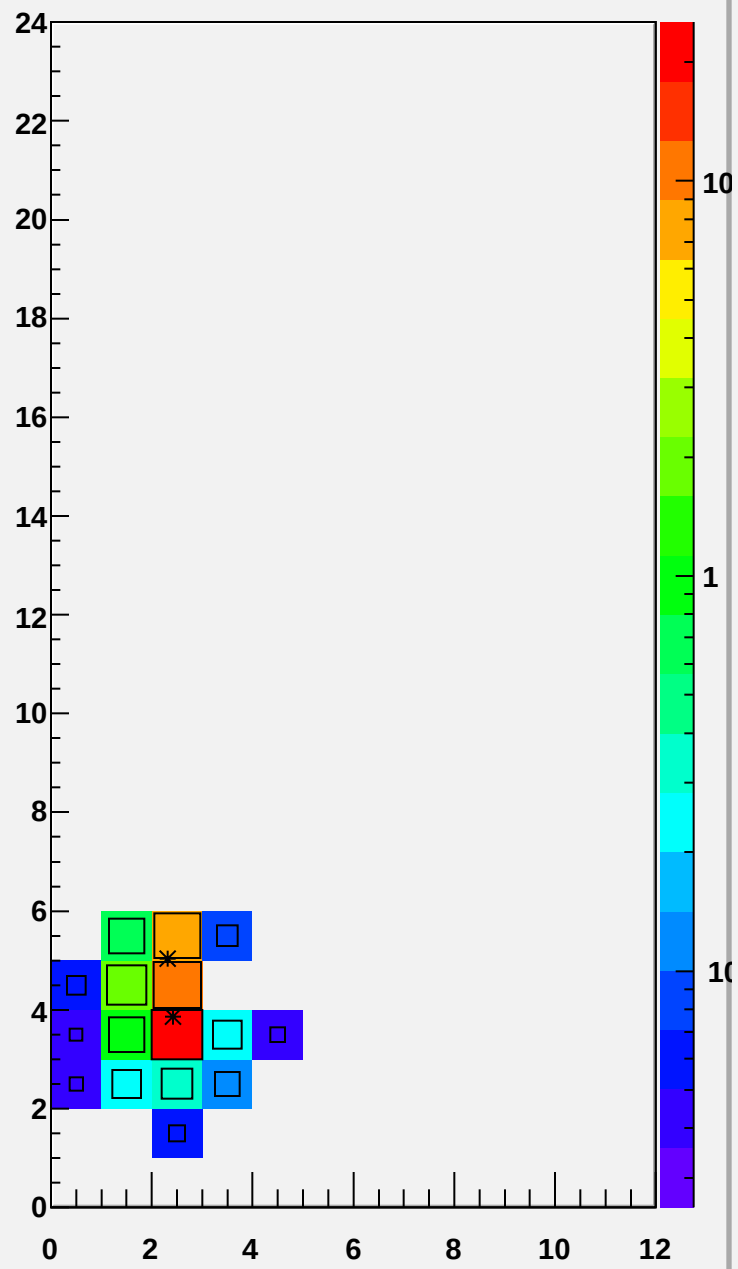
Fitted Energies



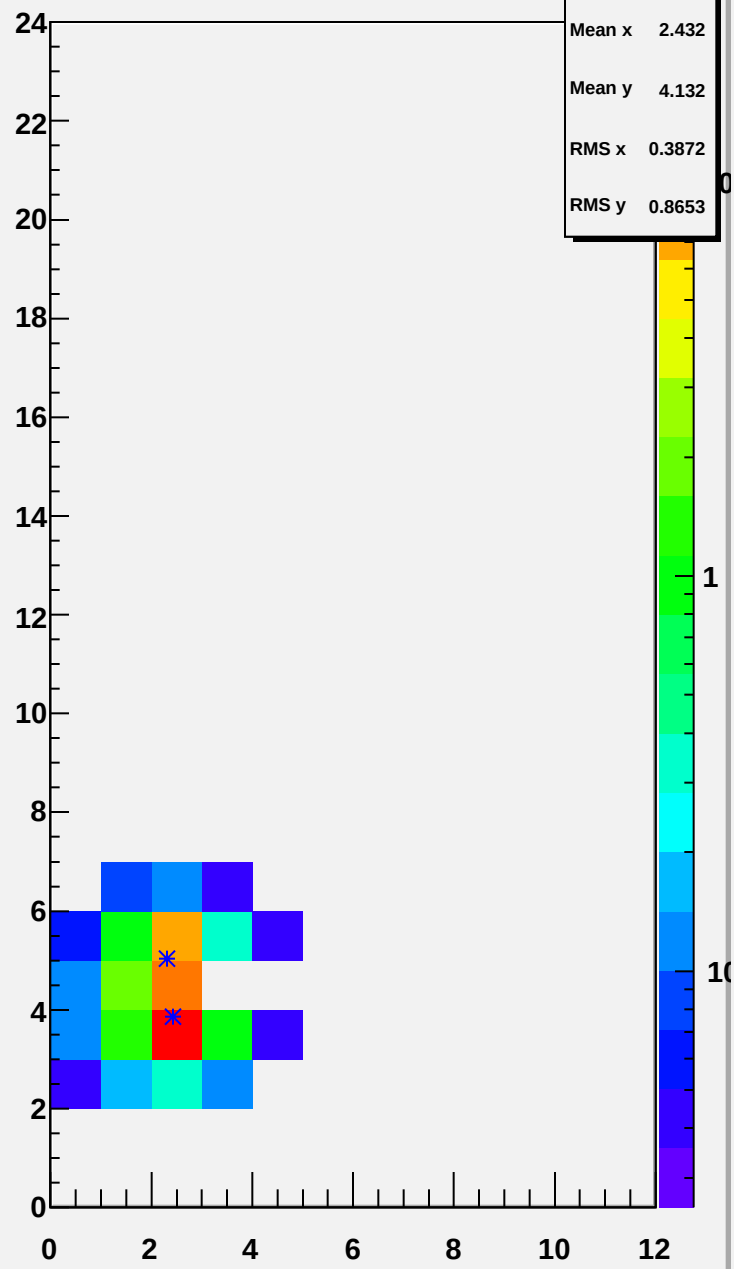
Efit

Entries 288
Mean x 3.32
Mean y 9.689
RMS x 2.592
RMS y 5.899

NSTB3_r4_c3_En=48.9_m0=0.149_m1=0.149_index=763



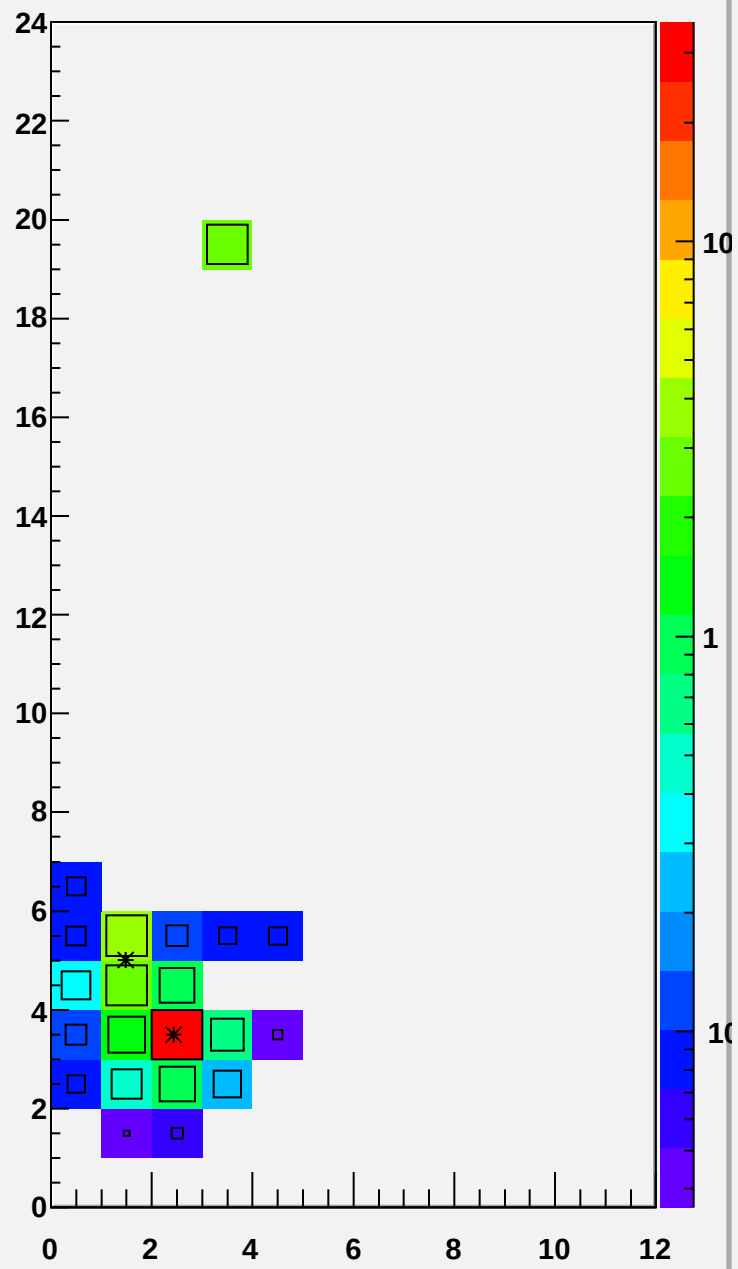
Fitted Energies



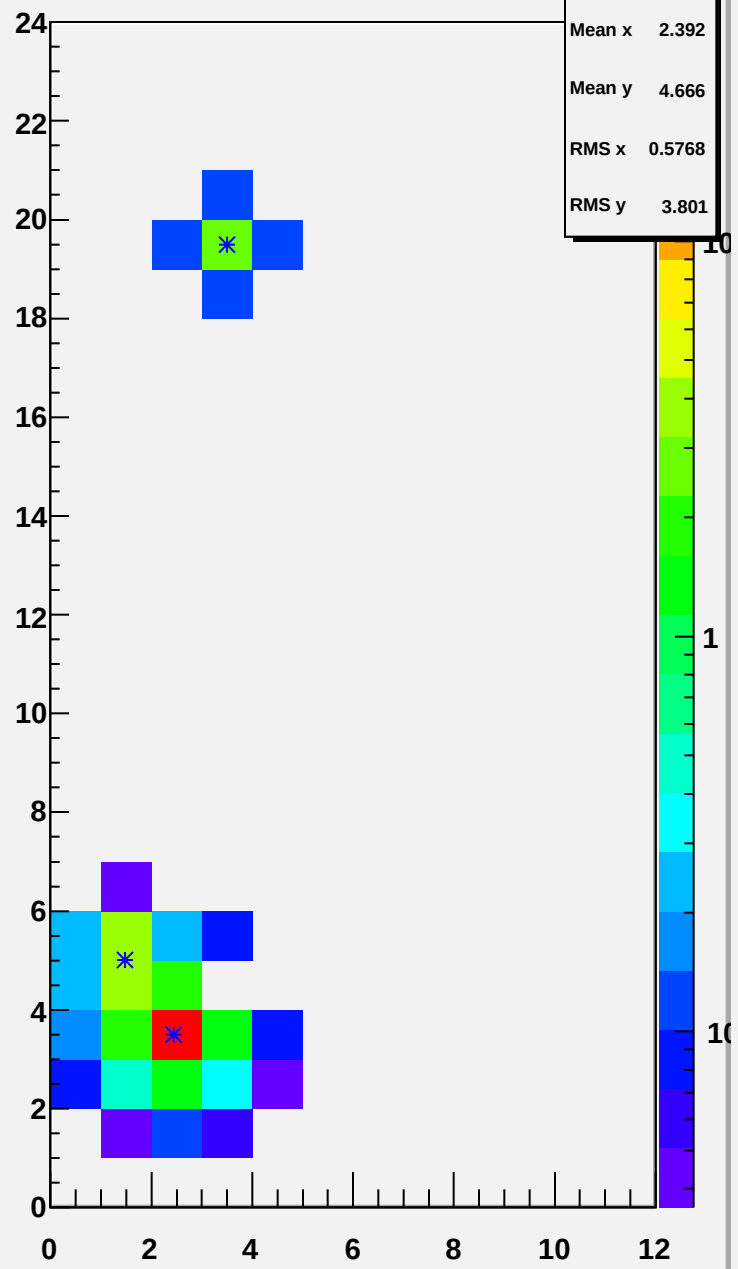
Efit

Entries	288
Mean x	2.432
Mean y	4.132
RMS x	0.3872
RMS y	0.8653

NSTB3_r4_c3_En=51.8_m0=0.183 m1=0.183 index=764



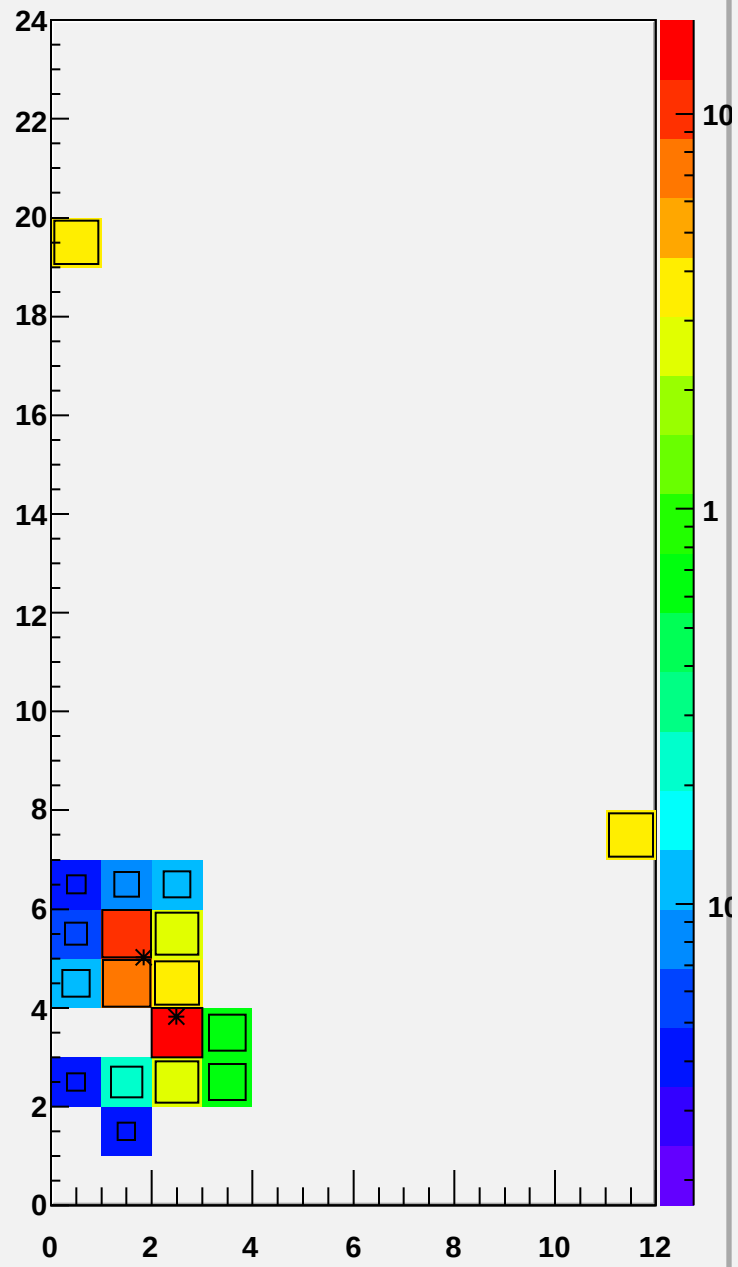
Fitted Energies



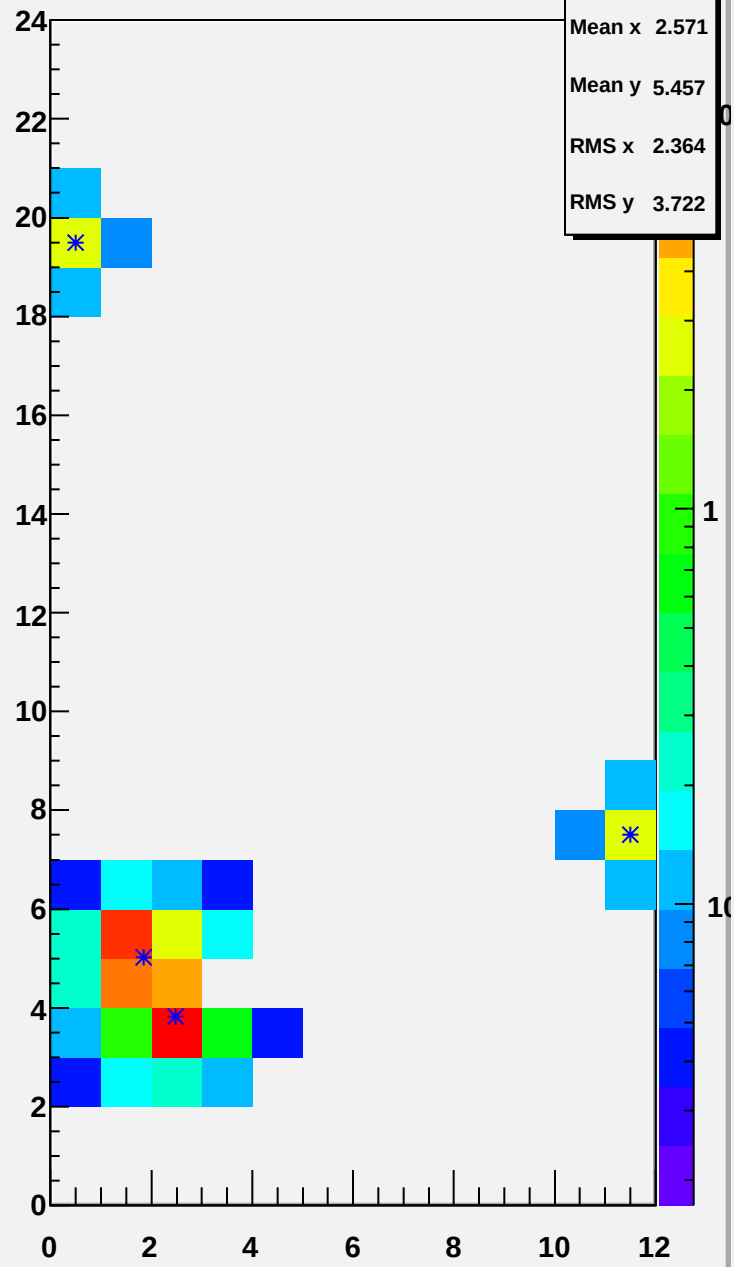
Efit

Entries	288
Mean x	2.392
Mean y	4.666
RMS x	0.5768
RMS y	3.801

NSTB3_r4_c3_En=52.6_m0=0.178 m1=0.178 index=765



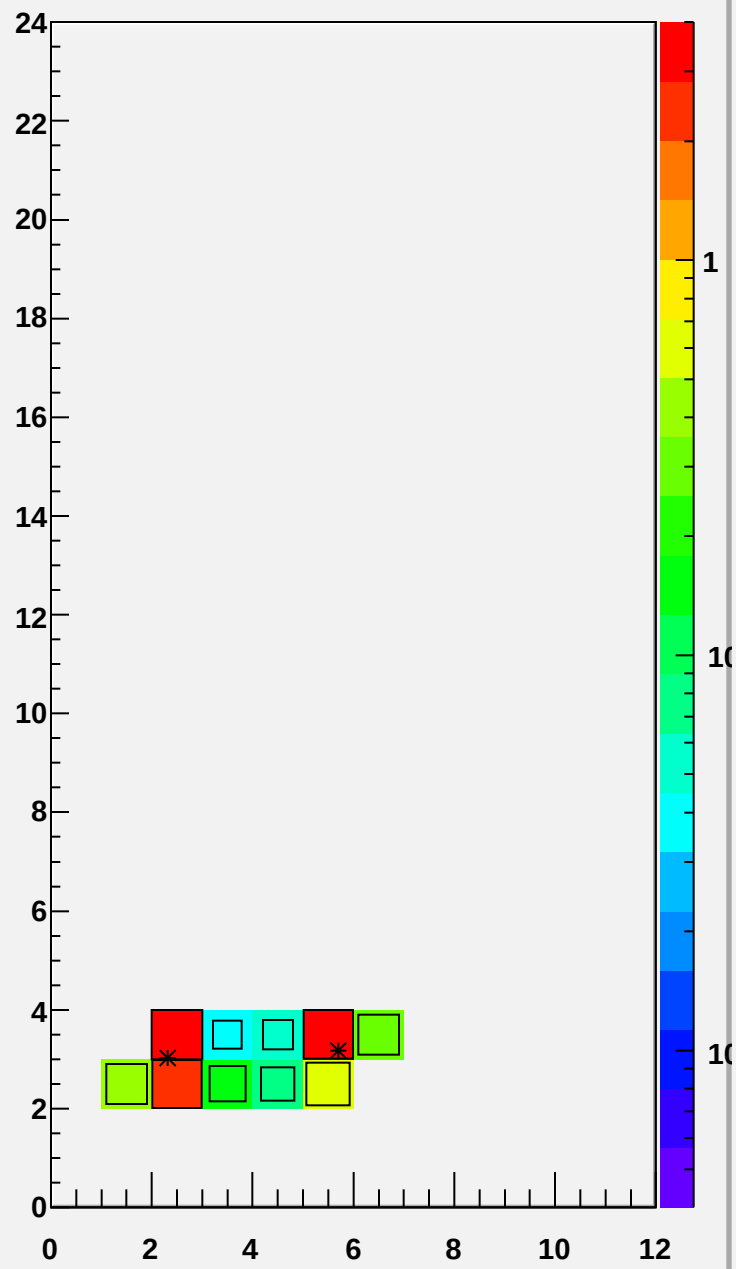
Fitted Energies



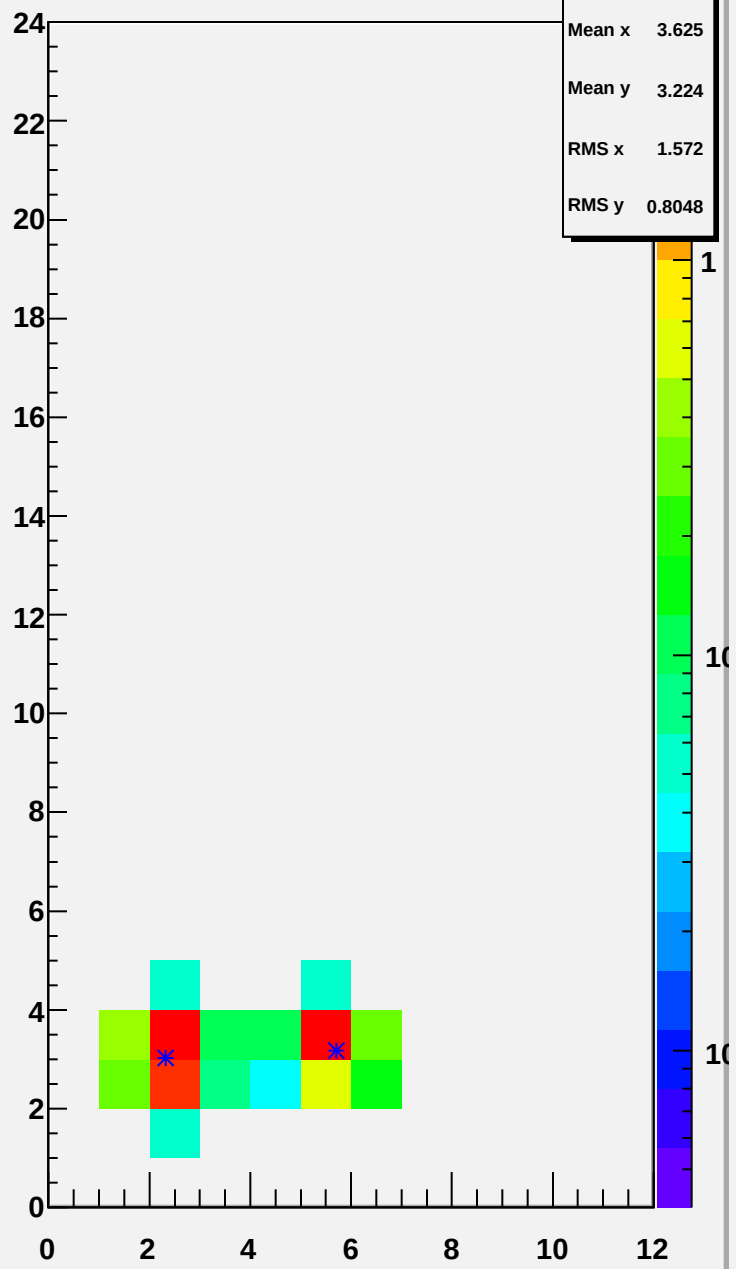
Efit

Entries 288
Mean x 2.571
Mean y 5.457
RMS x 2.364
RMS y 3.722

NSTB3_r4_c3_En=11.9_m0=0.116_m1=0.116_index=766



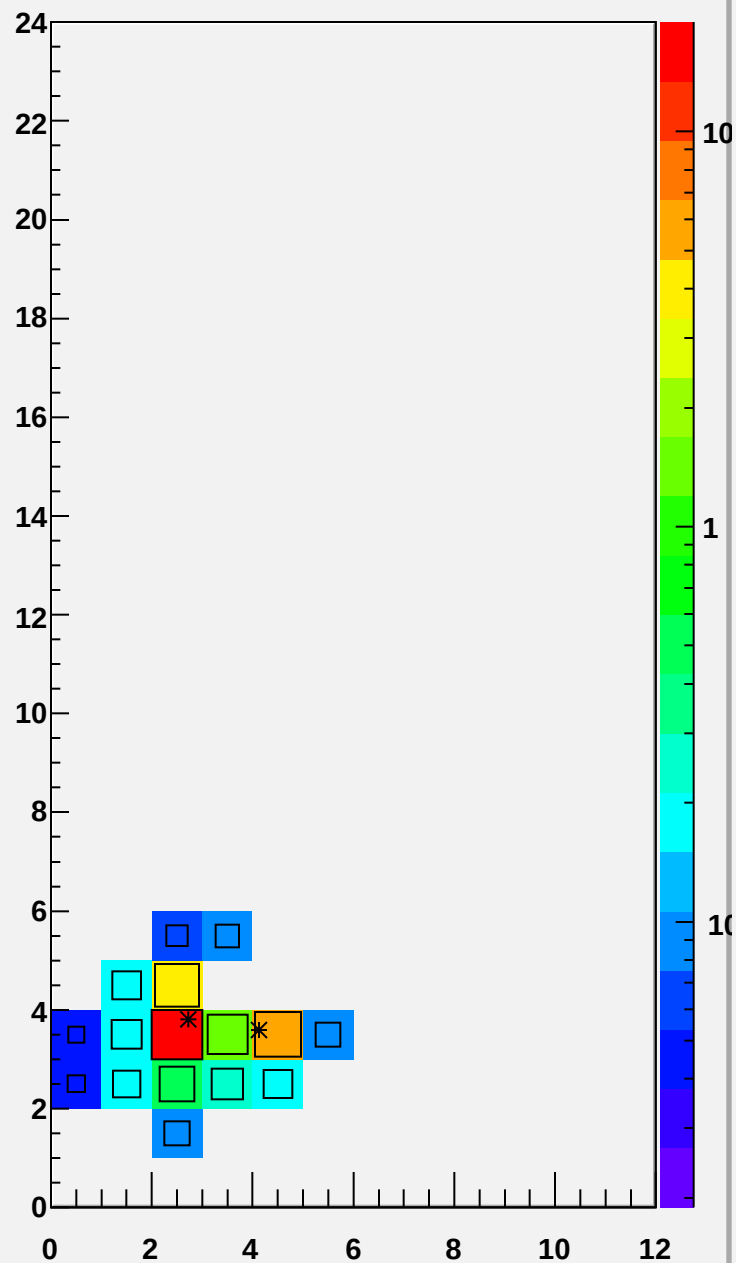
Fitted Energies



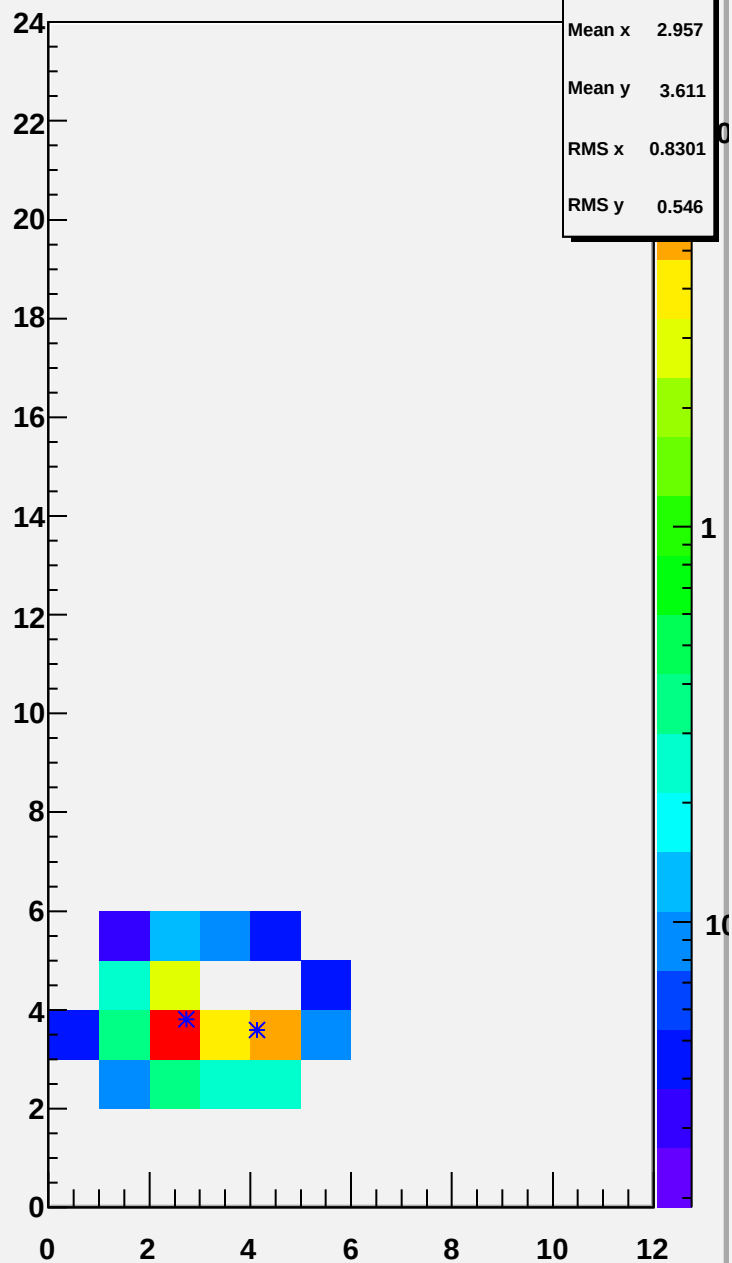
Efit

Entries	288
Mean x	3.625
Mean y	3.224
RMS x	1.572
RMS y	0.8048

NSTB3_r4_c3_En=31.3_m0=0.112_m1=0.113_index=767



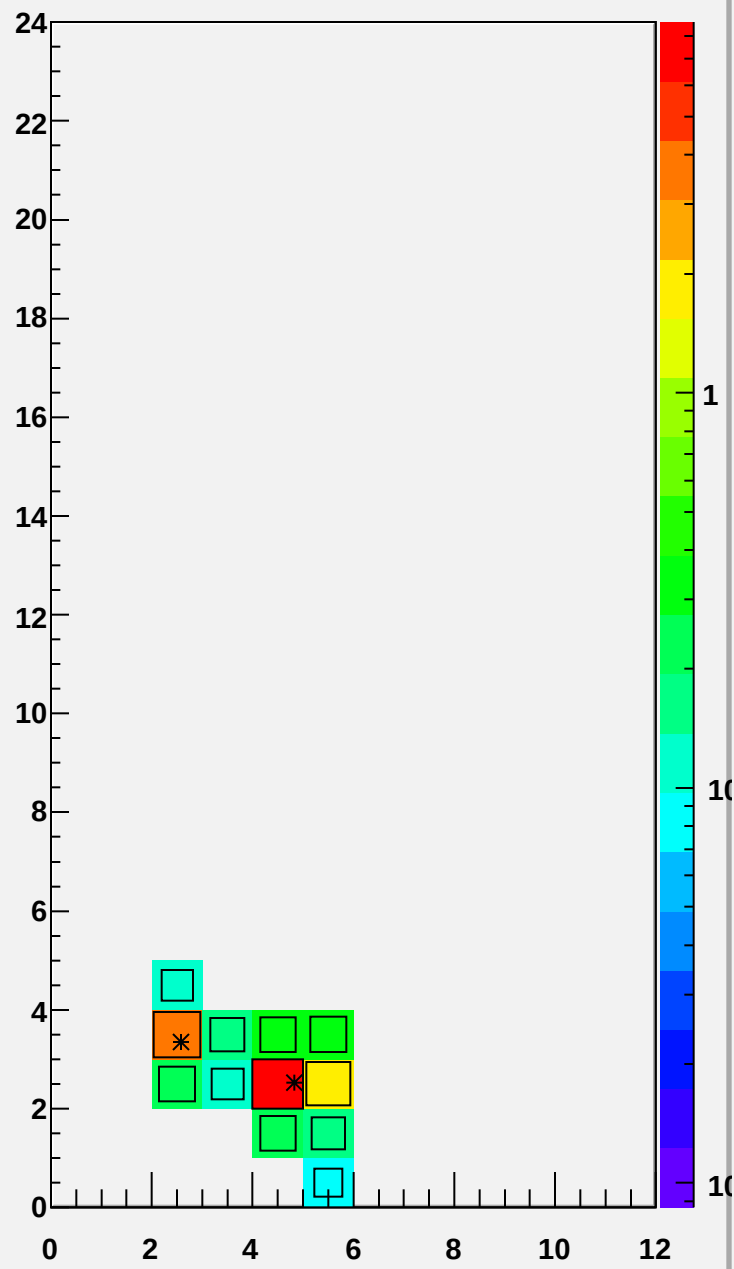
Fitted Energies



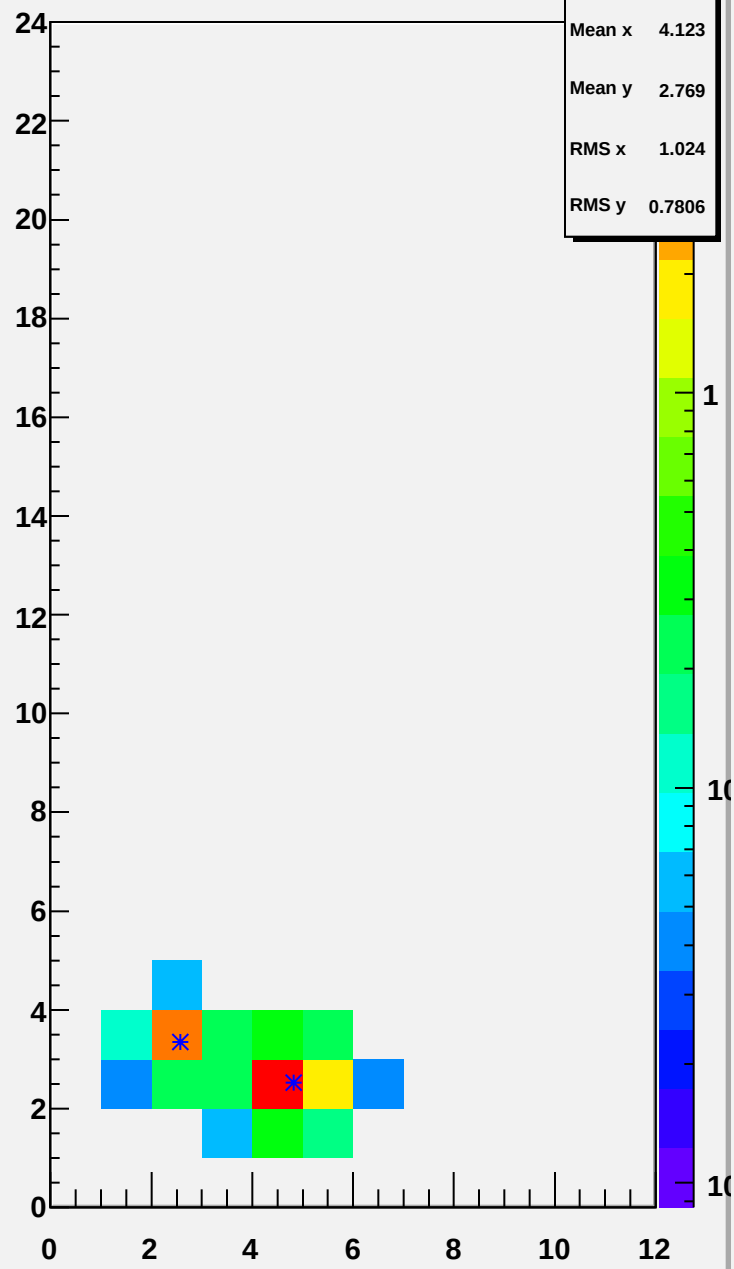
Efit

Entries	288
Mean x	2.957
Mean y	3.611
RMS x	0.8301
RMS y	0.546

NSTB3_r4_c3_En=15.5_m0=0.091 m1=0.091 index=770



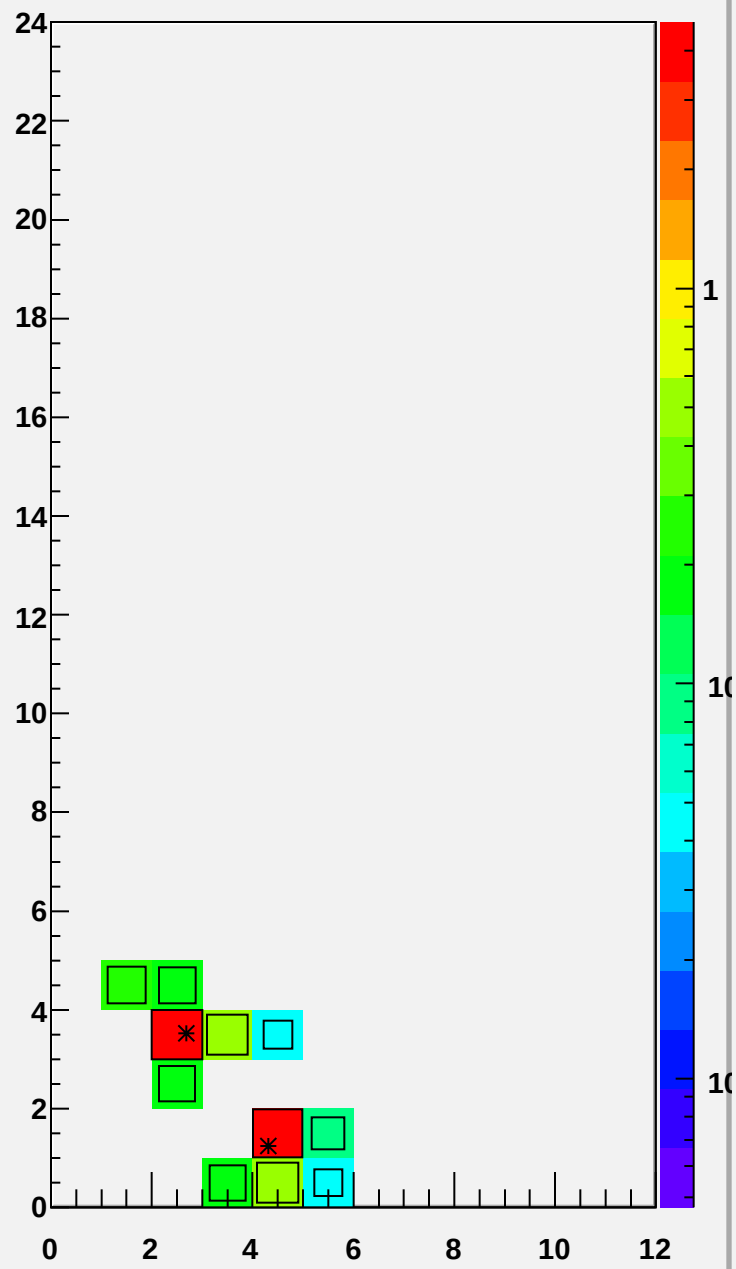
Fitted Energies



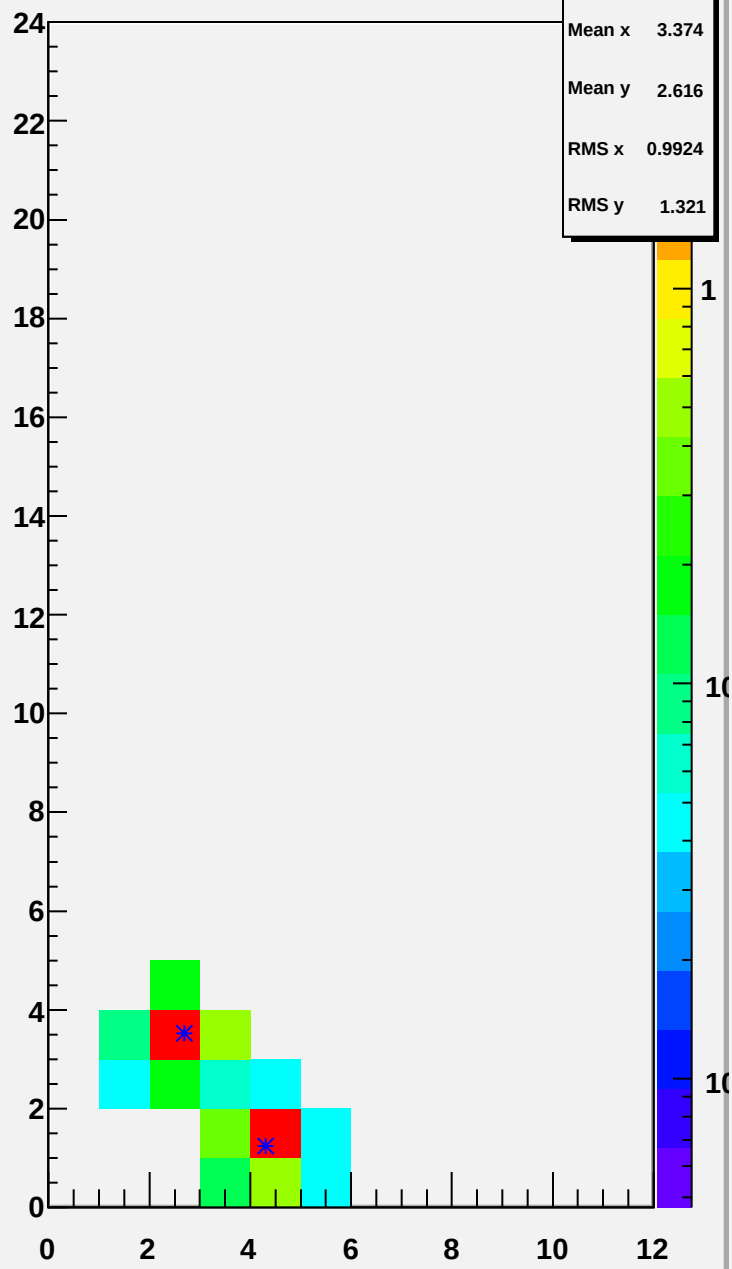
Efit

Entries	288
Mean x	4.123
Mean y	2.769
RMS x	1.024
RMS y	0.7806

NSTB3_r4_c3_En=10.1_m0=0.081 m1=0.081 index=771



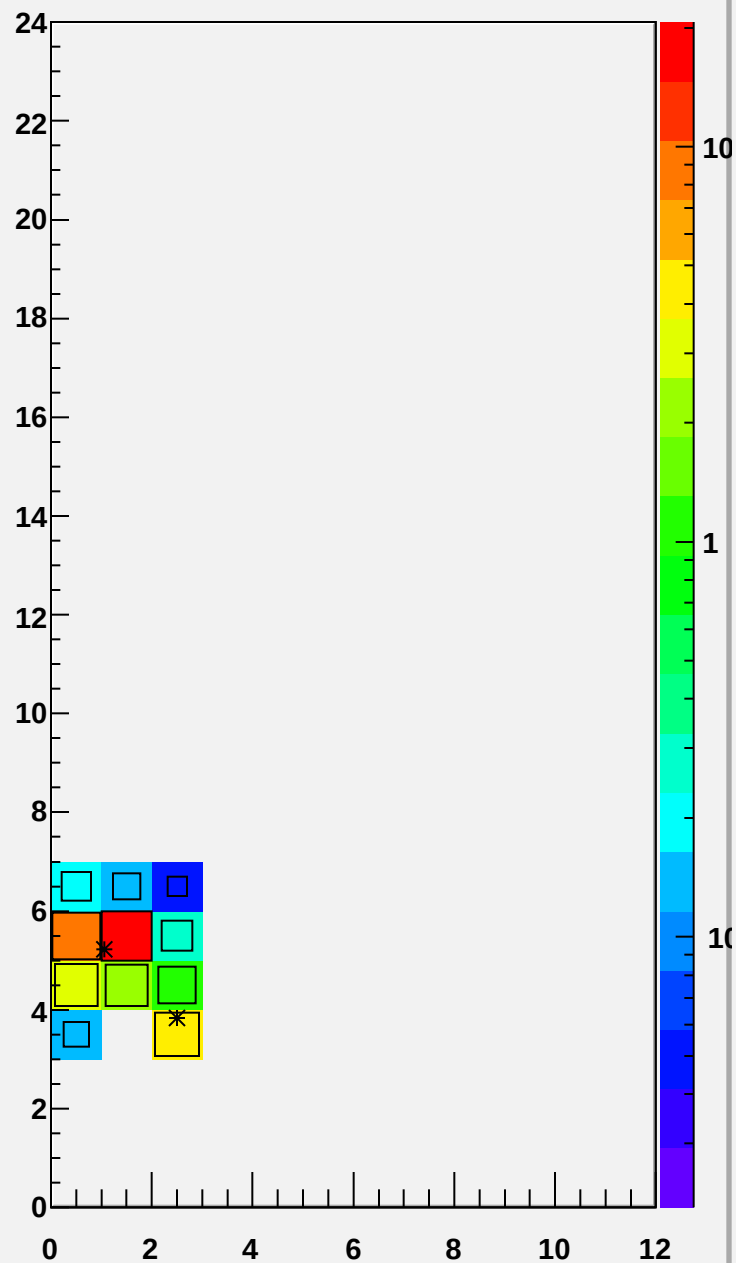
Fitted Energies



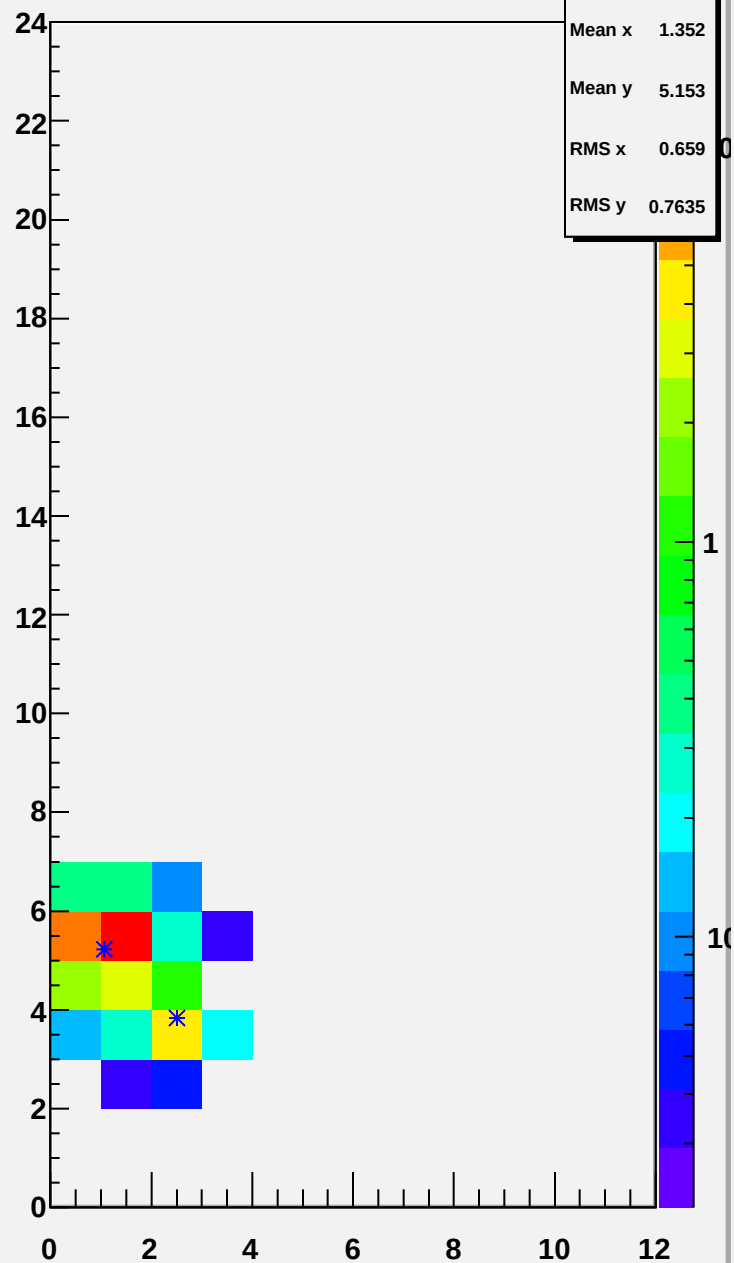
Efit

Entries	288
Mean x	3.374
Mean y	2.616
RMS x	0.9924
RMS y	1.321

NSTB3_r4_c3_En=41.6_m0=0.159 m1=0.159 index=772



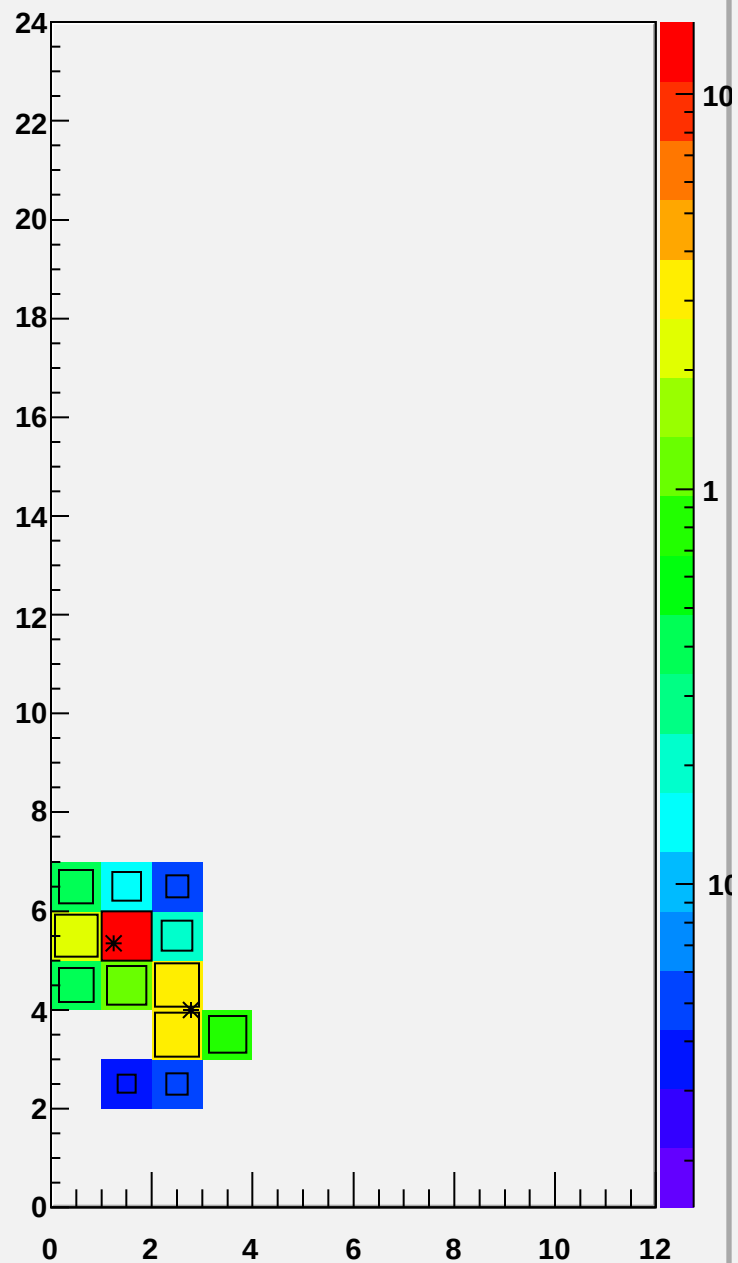
Fitted Energies



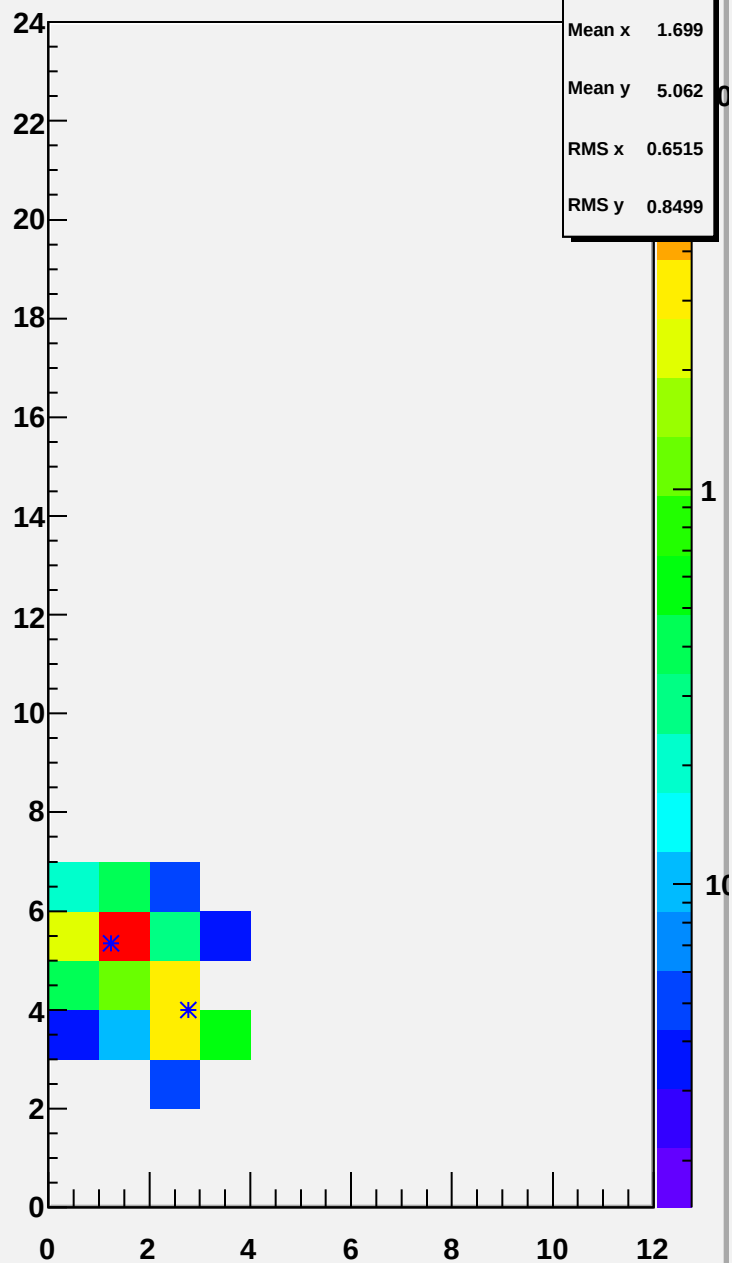
Efit

Entries	288
Mean x	1.352
Mean y	5.153
RMS x	0.659
RMS y	0.7635

NSTB3_r4_c3_En=26.9_m0=0.143 m1=0.143 index=774



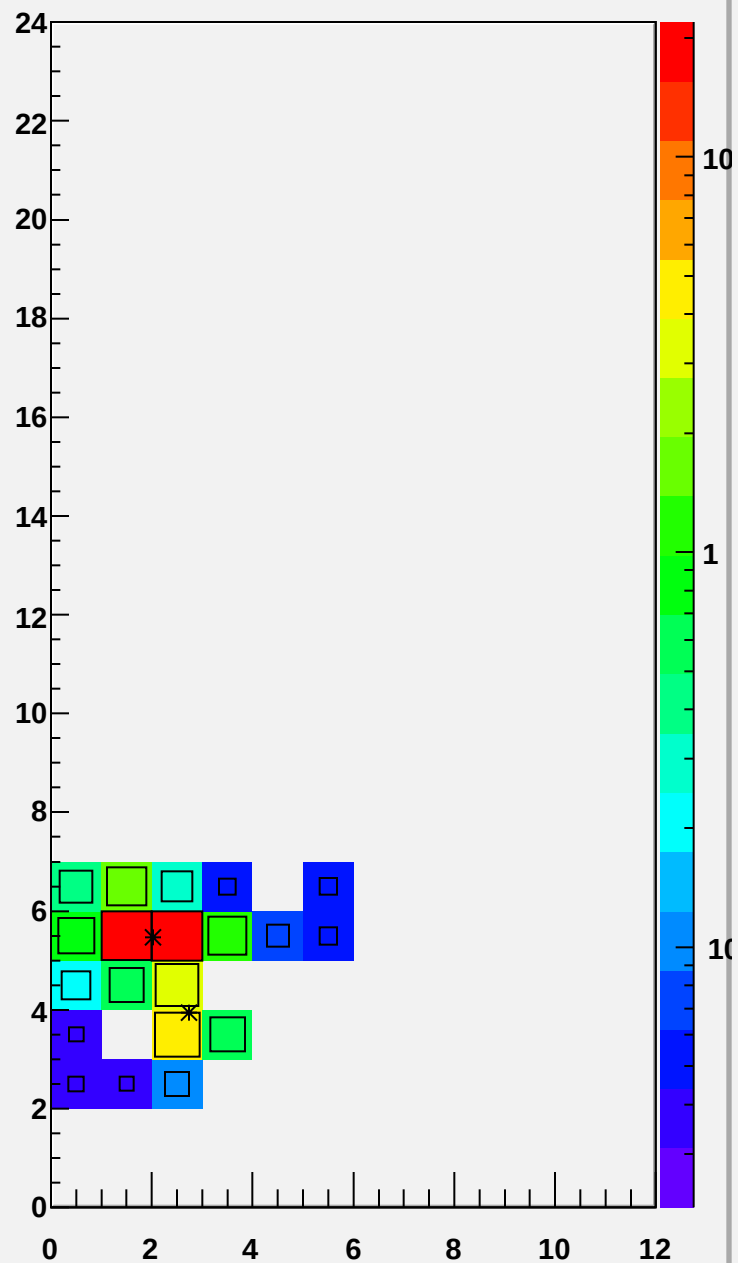
Fitted Energies



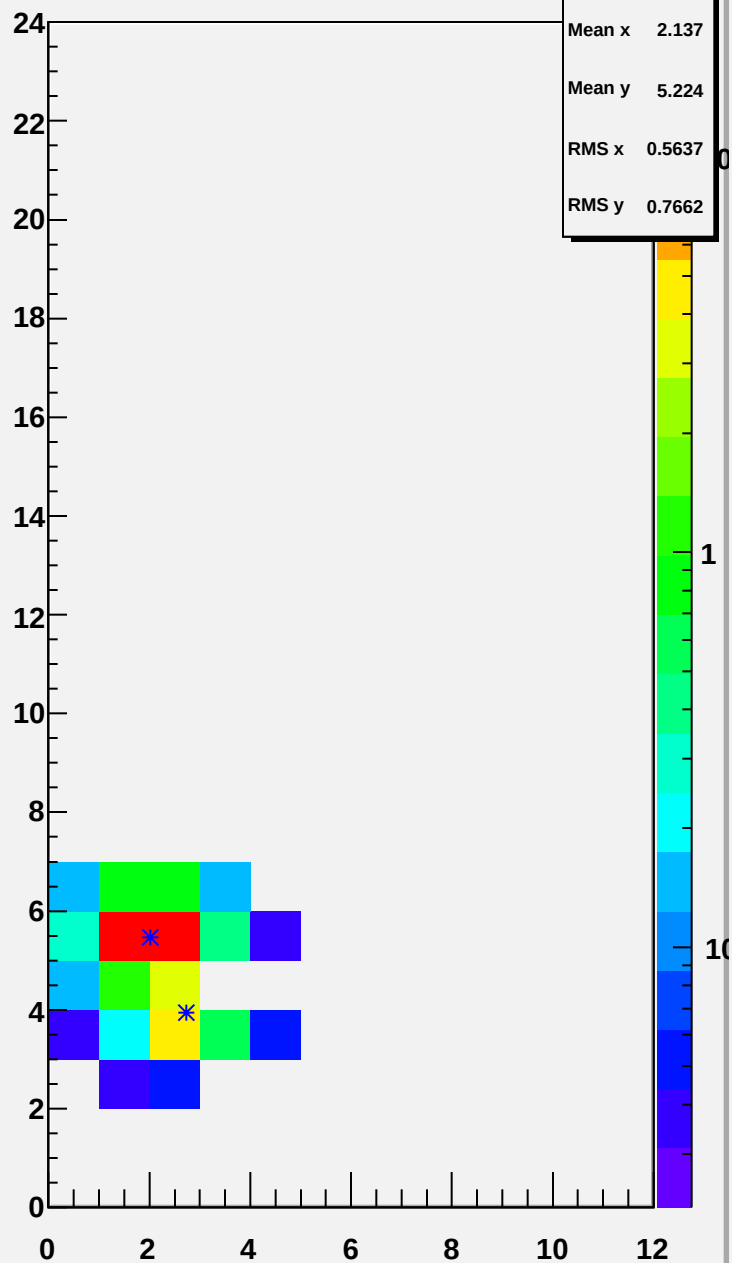
Efit

Entries	288
Mean x	1.699
Mean y	5.062
RMS x	0.6515
RMS y	0.8499

NSTB3_r4_c3_En=52.9_m0=0.179_m1=0.179_index=776



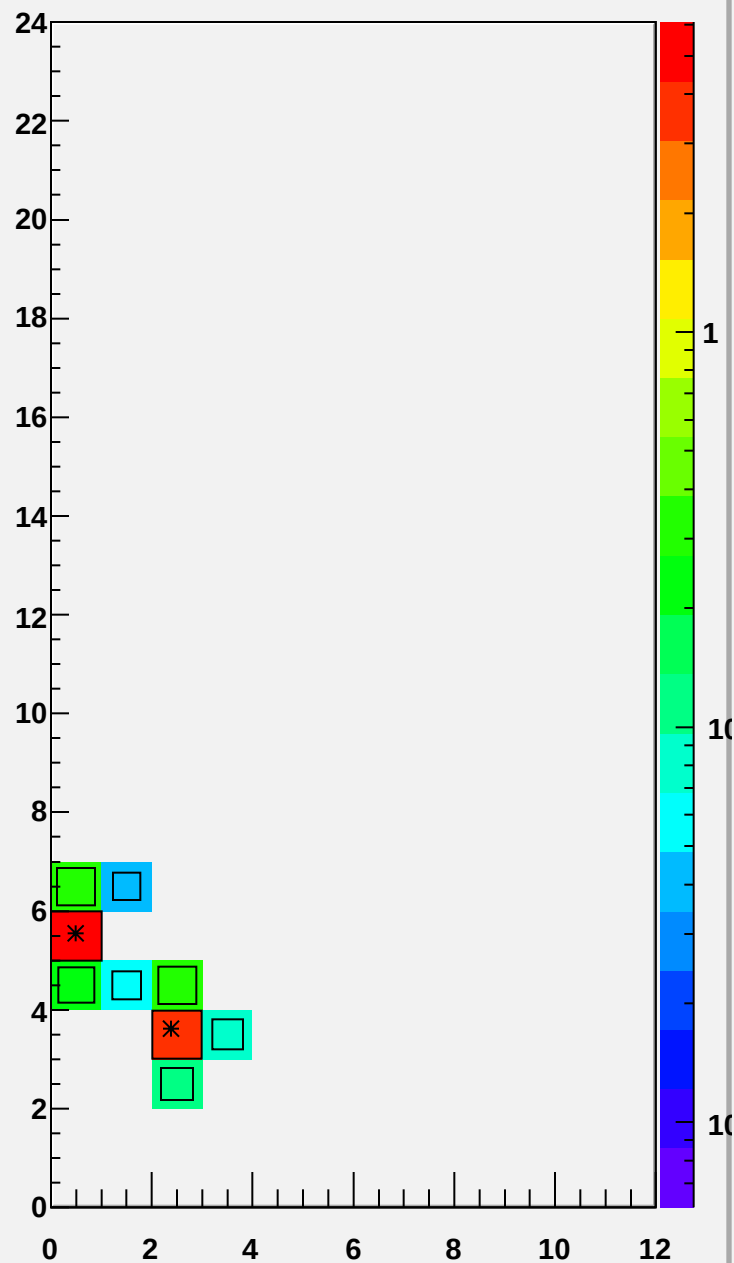
Fitted Energies



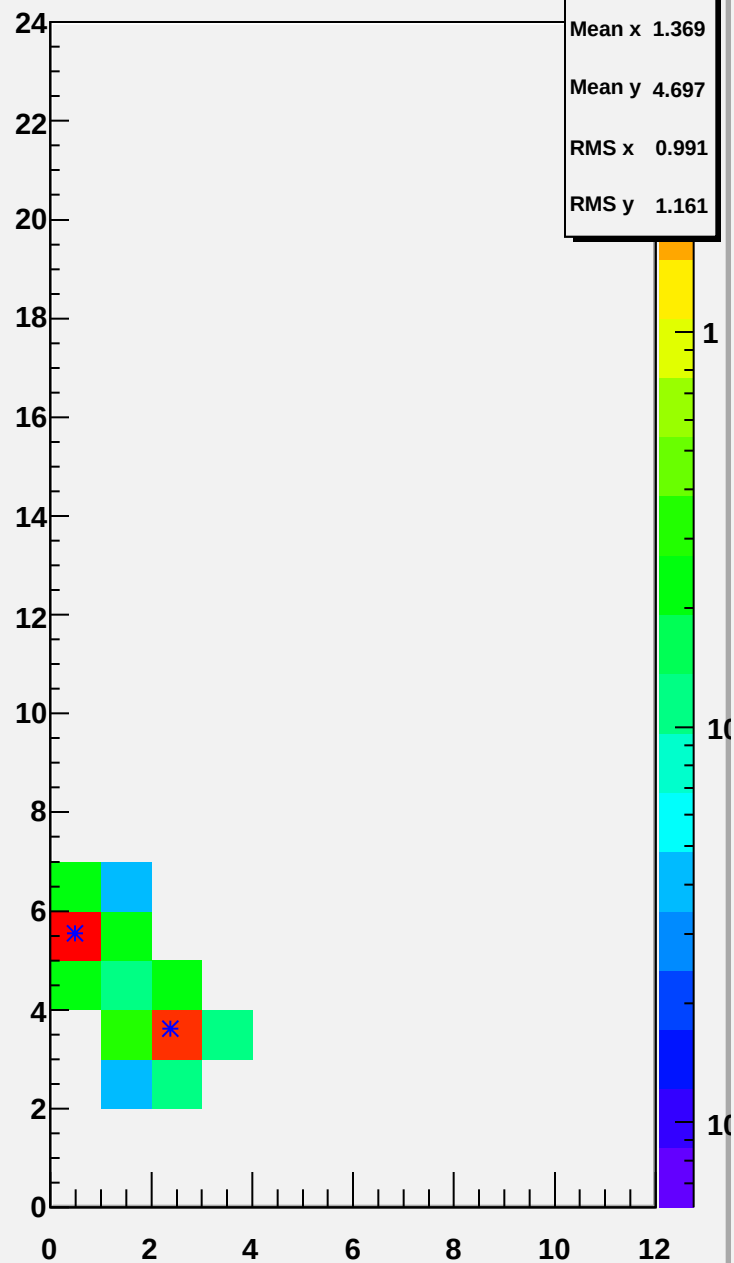
Efit

Entries	288
Mean x	2.137
Mean y	5.224
RMS x	0.5637
RMS y	0.7662

NSTB3_r4_c3_En=11.5_m0=0.092 m1=0.092 index=778



Fitted Energies



Efit

Entries 288

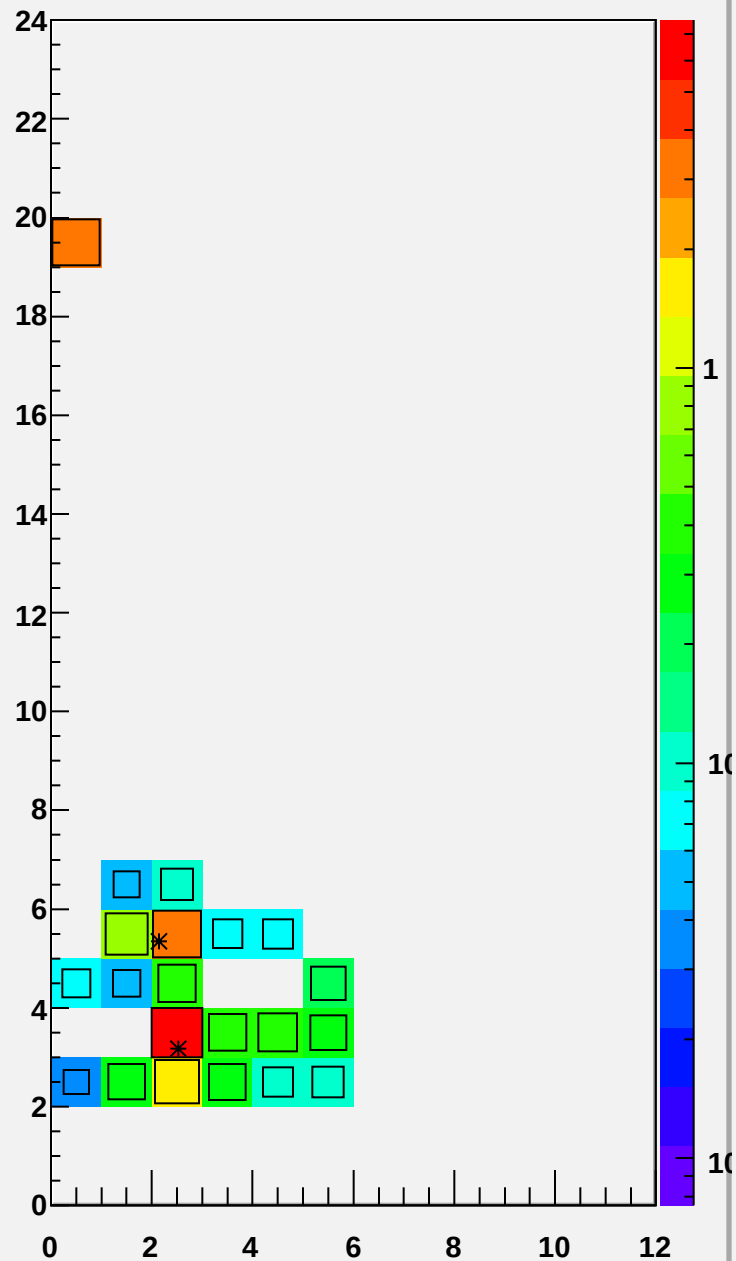
Mean x 1.369

Mean y 4.697

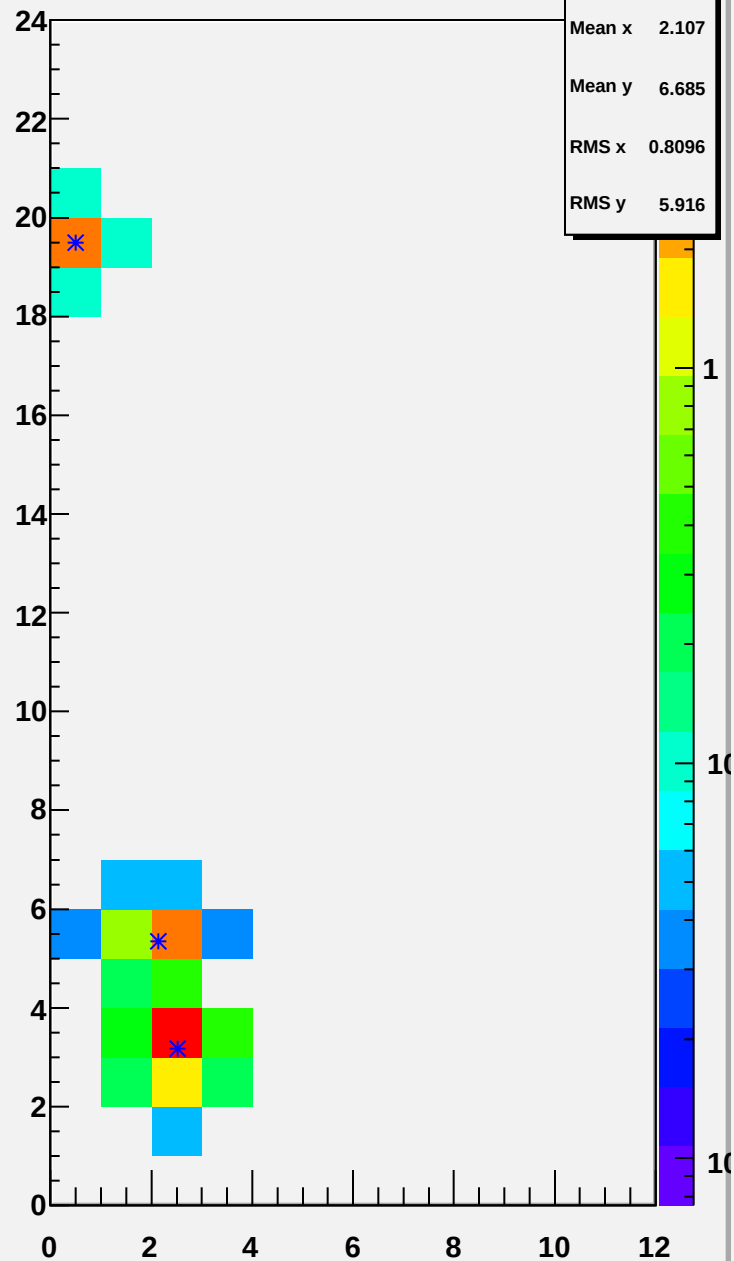
RMS x 0.991

RMS y 1.161

NSTB3_r4_c3_En=19.7_m0=0.090 m1=0.090 index=779



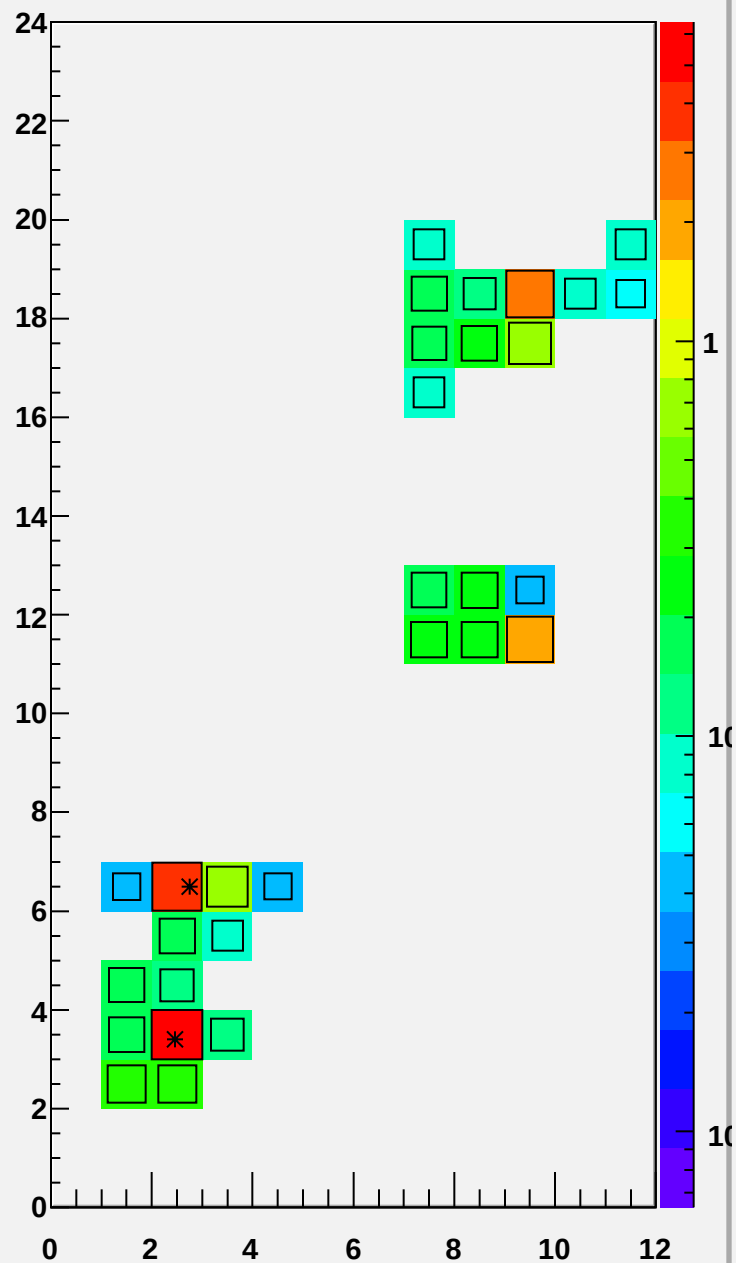
Fitted Energies



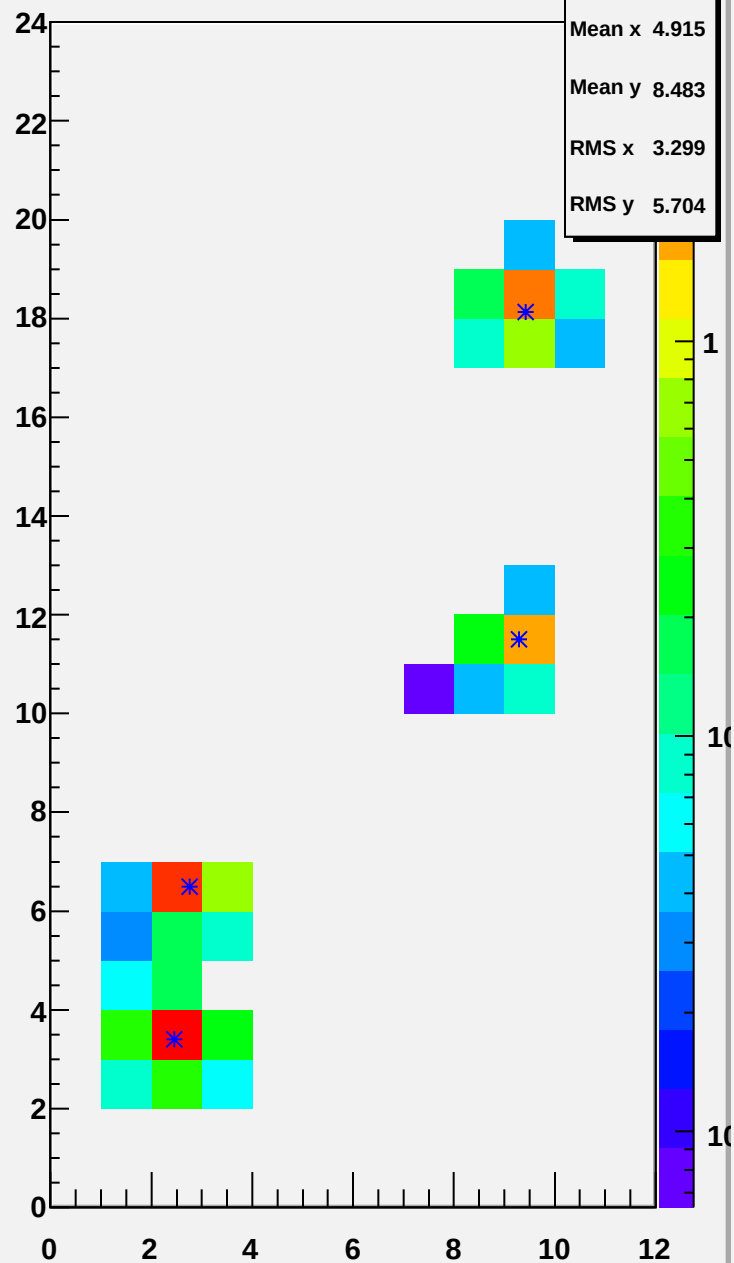
Efit

Entries	288
Mean x	2.107
Mean y	6.685
RMS x	0.8096
RMS y	5.916

NSTB3_r4_c3_En=20.9_m0=0.114_m1=0.114_index=780



Fitted Energies



Efit

Entries 288

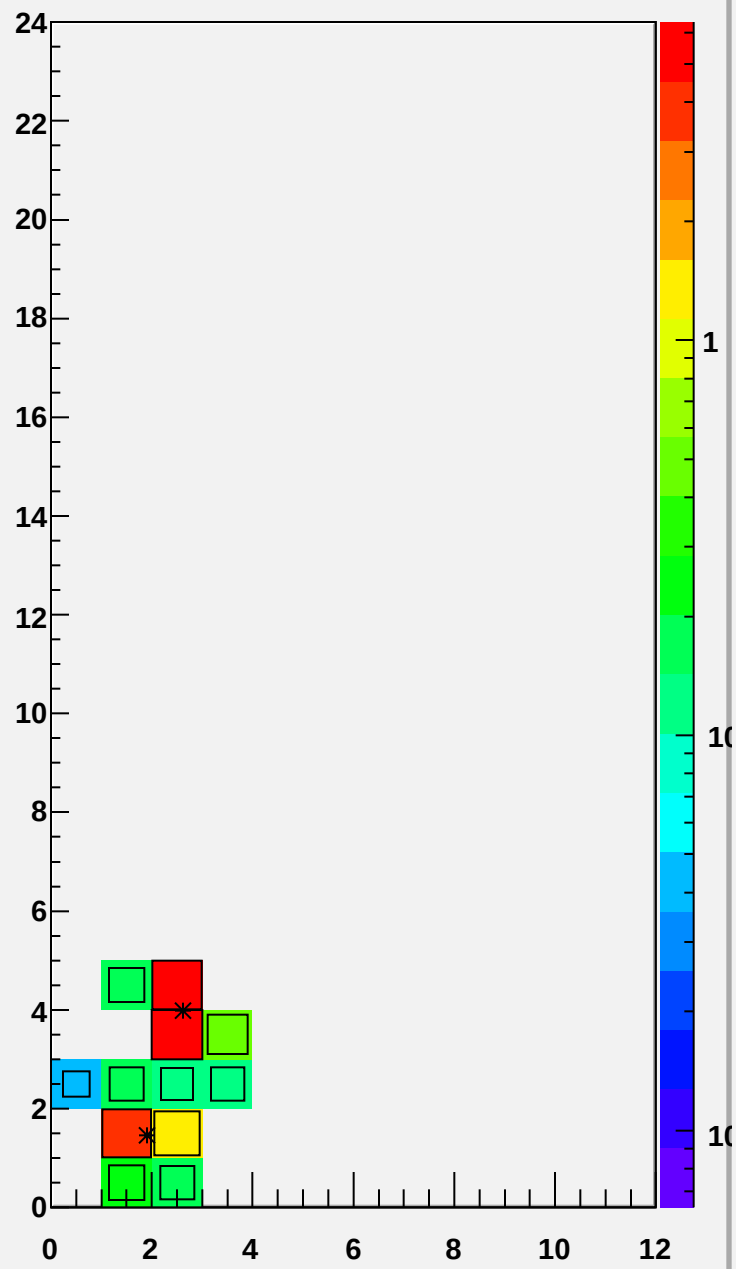
Mean x 4.915

Mean y 8.483

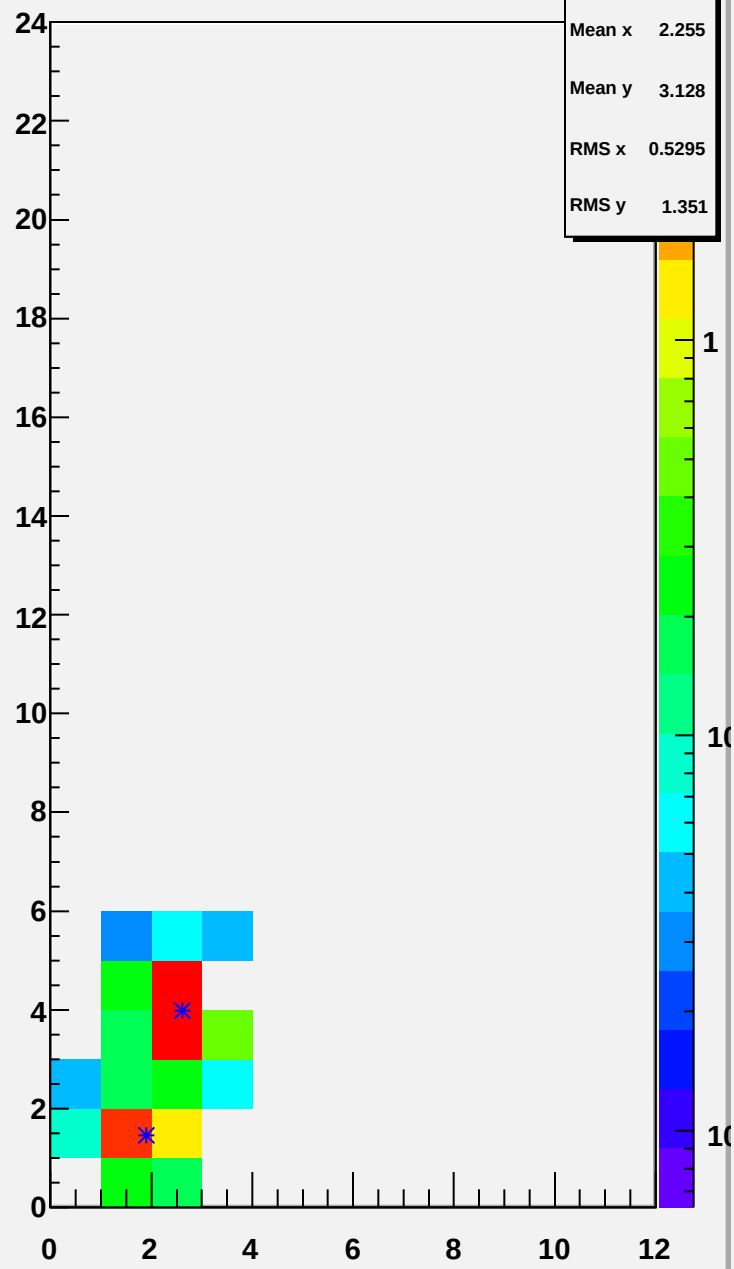
RMS x 3.299

RMS y 5.704

NSTB3_r4_c3_En=19.2_m0=0.141 m1=0.140 index=781



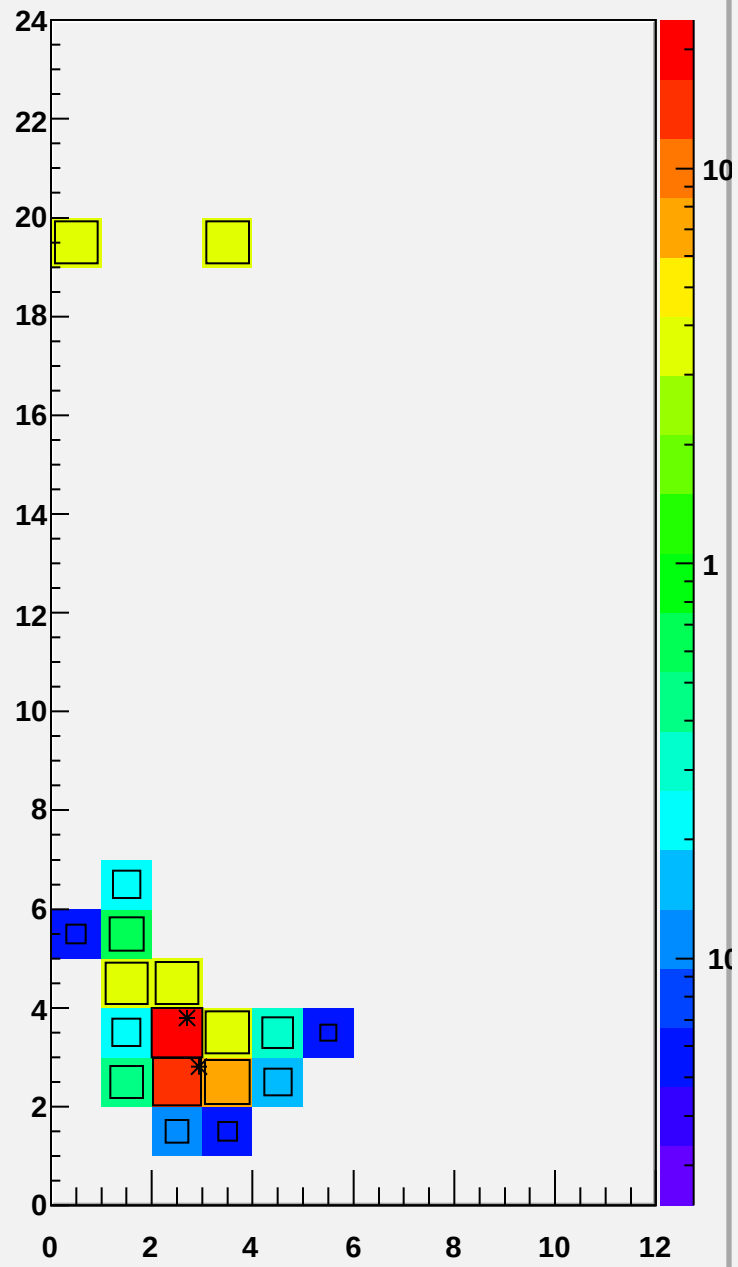
Fitted Energies



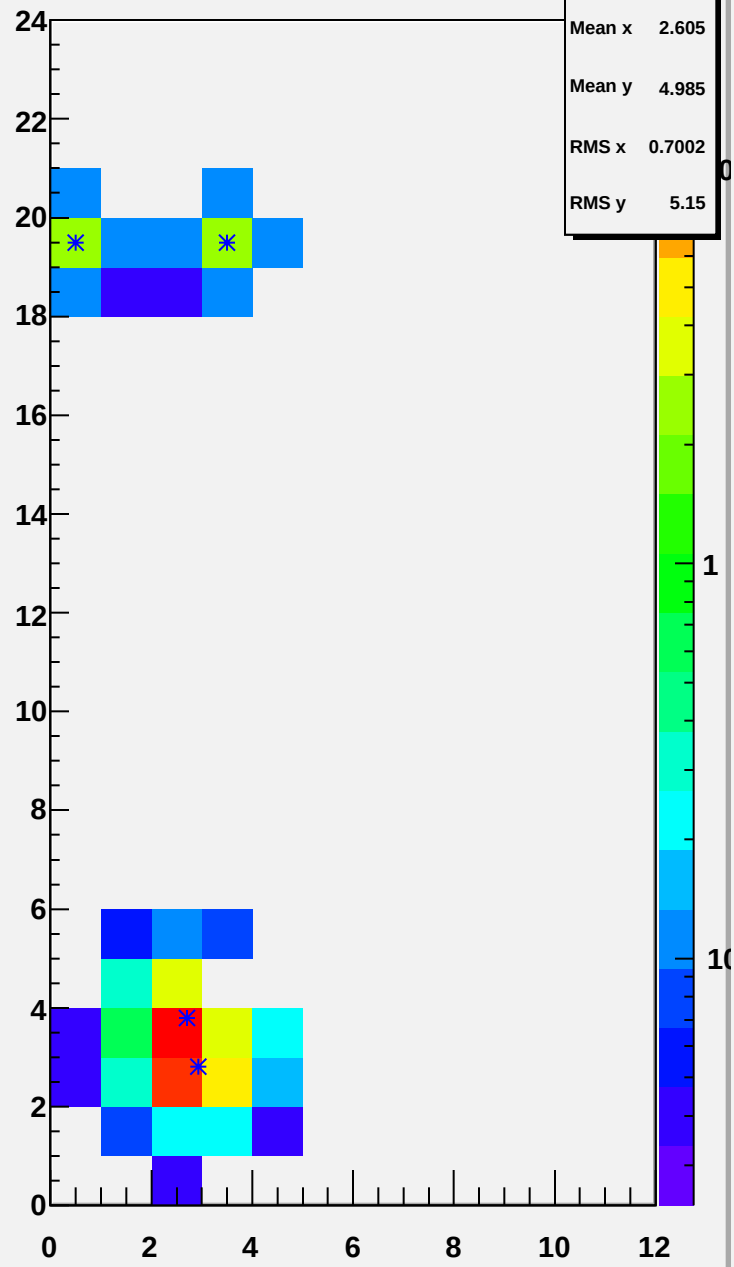
Efit

Entries	288
Mean x	2.255
Mean y	3.128
RMS x	0.5295
RMS y	1.351

NSTB3_r4_c3_En=61.9_m0=0.146_m1=0.147_index=782



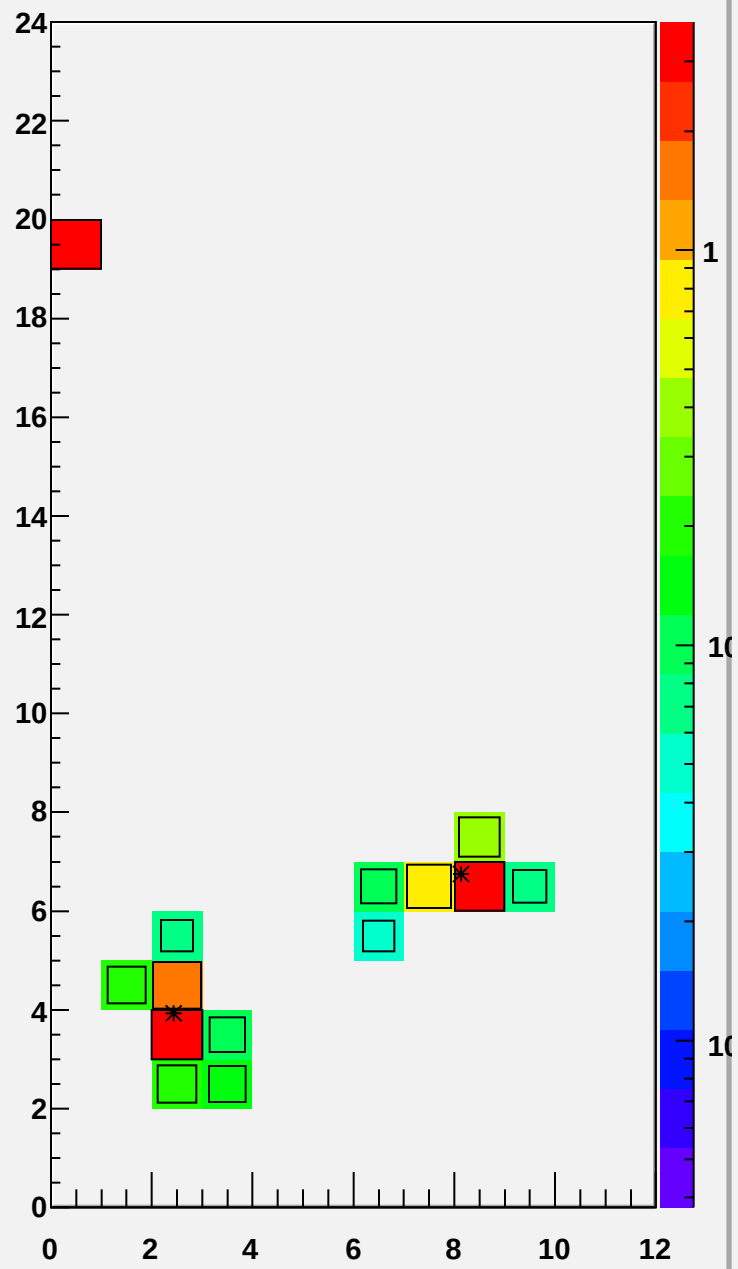
Fitted Energies



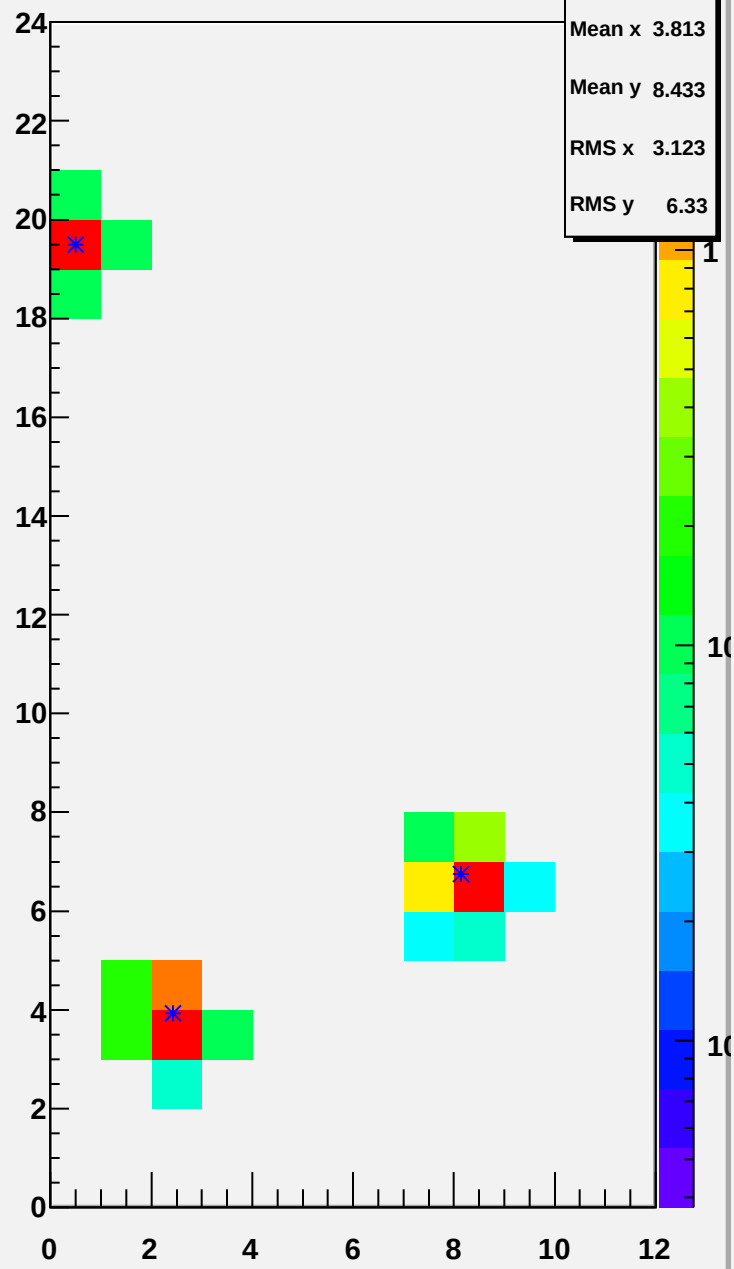
Efit

Entries	288
Mean x	2.605
Mean y	4.985
RMS x	0.7002
RMS y	5.15

NSTB3_r4_c3_En=13.6_m0=0.184 m1=0.184 index=783



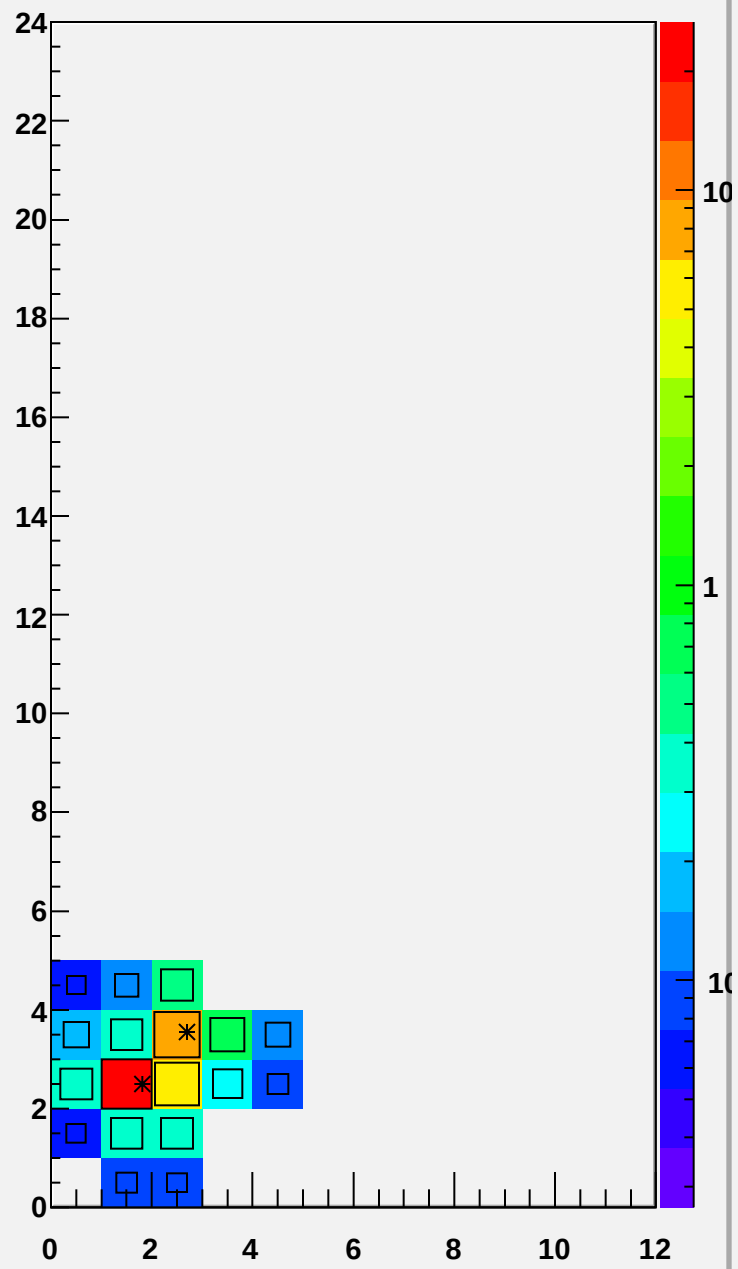
Fitted Energies



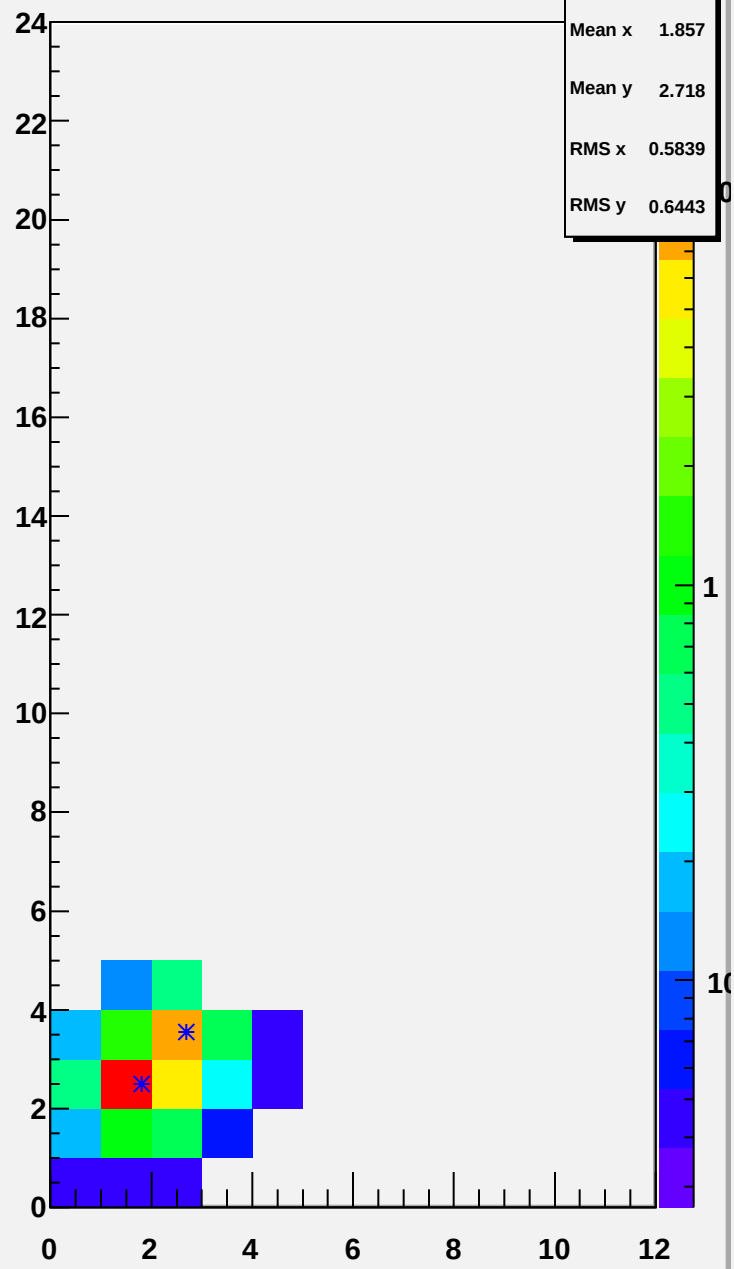
Efit

Entries 288
Mean x 3.813
Mean y 8.433
RMS x 3.123
RMS y 6.33

NSTB3_r4_c3_En=43.7_m0=0.134 m1=0.133 index=784



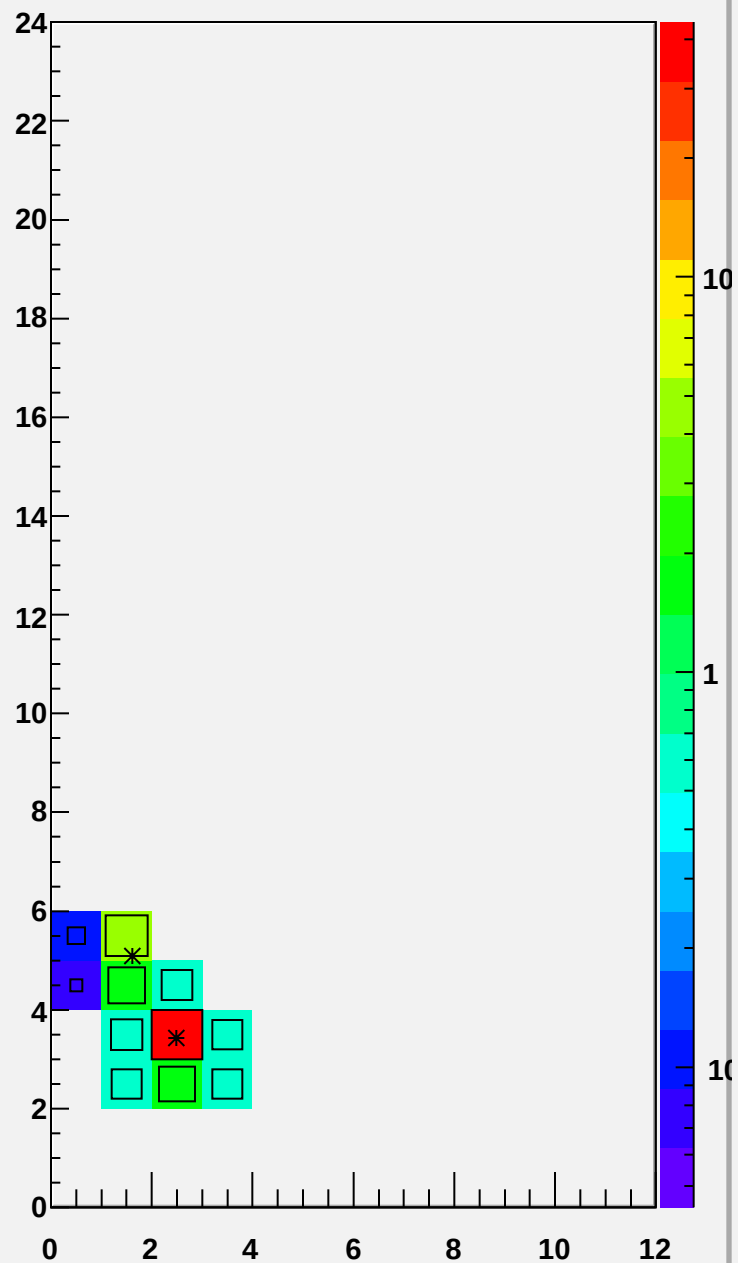
Fitted Energies



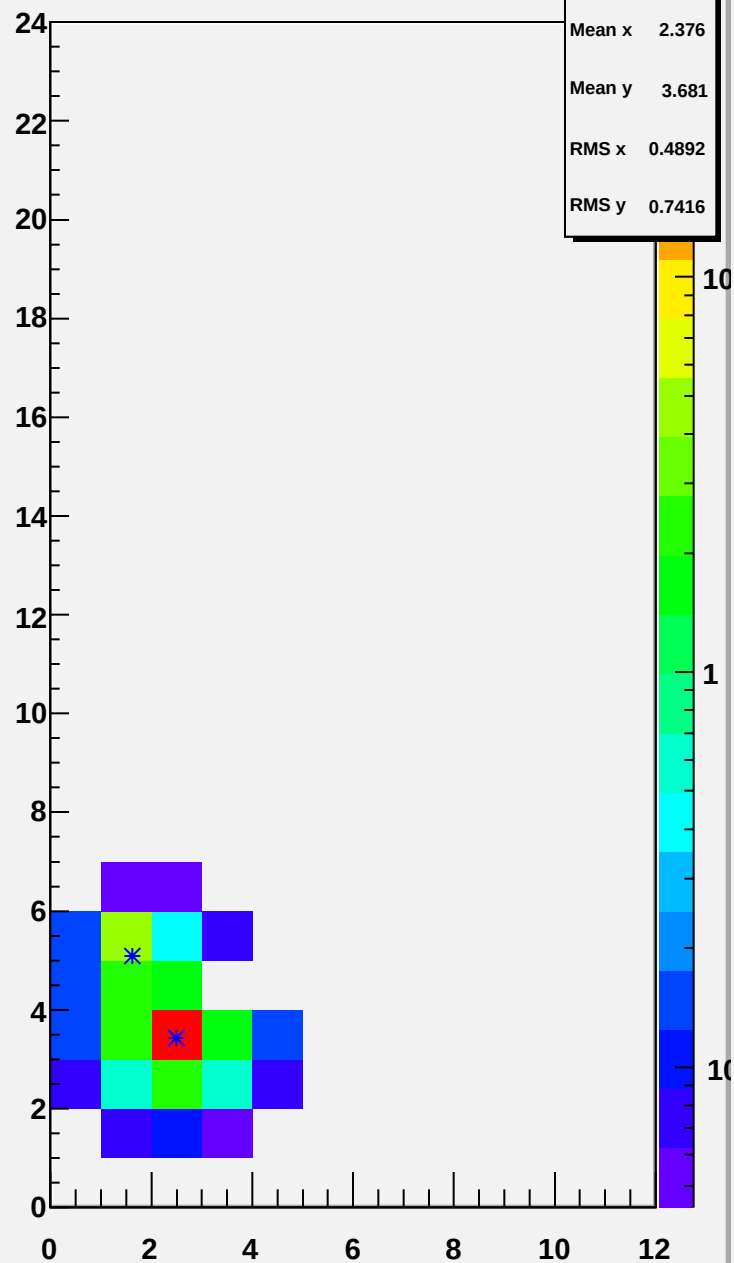
Efit

Entries	288
Mean x	1.857
Mean y	2.718
RMS x	0.5839
RMS y	0.6443

NSTB3_r4_c3_En=55.0_m0=0.204 m1=0.204 index=785



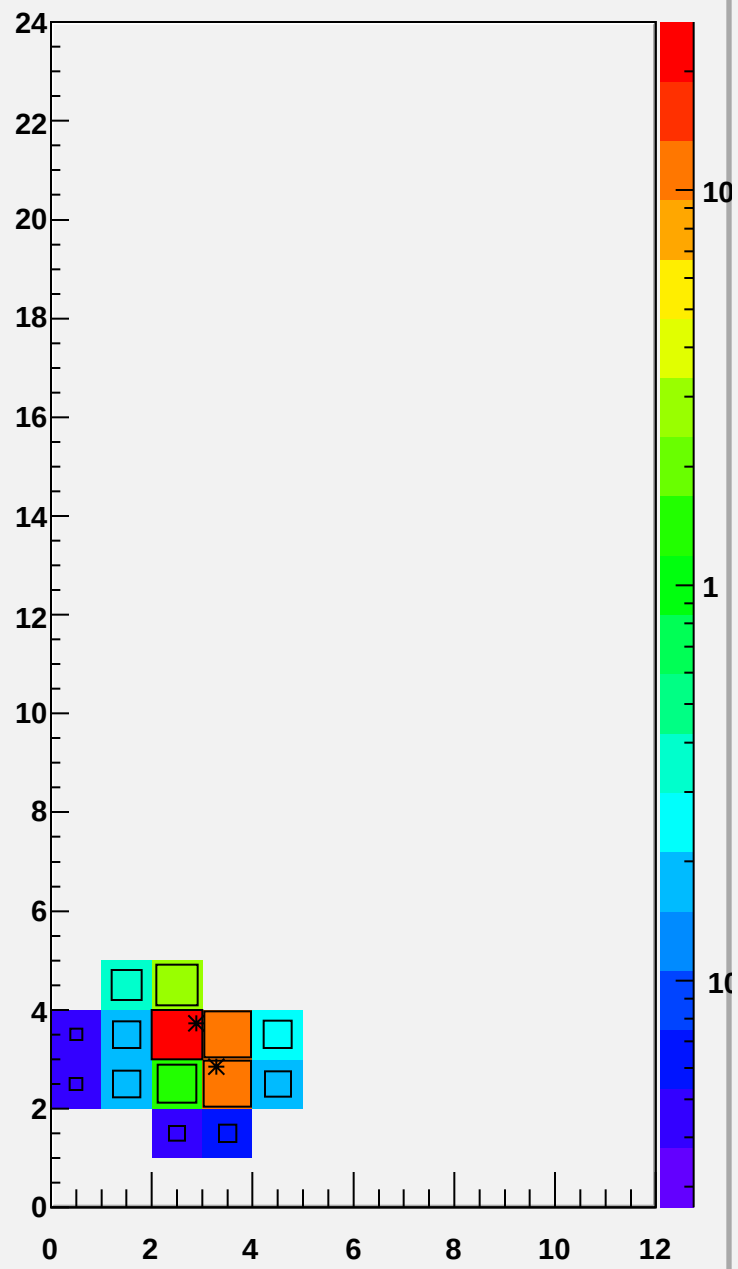
Fitted Energies



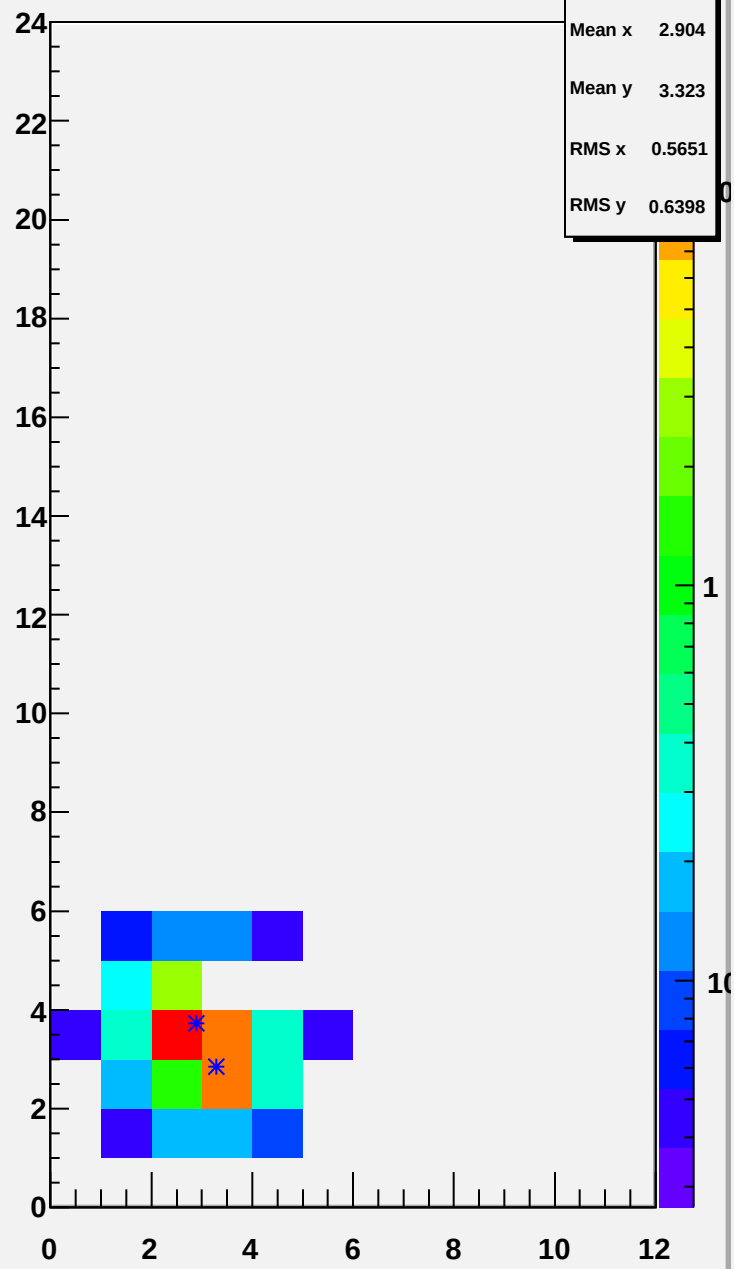
Efit

Entries	288
Mean x	2.376
Mean y	3.681
RMS x	0.4892
RMS y	0.7416

NSTB3_r4_c3_En=53.5_m0=0.131 m1=0.131 index=786



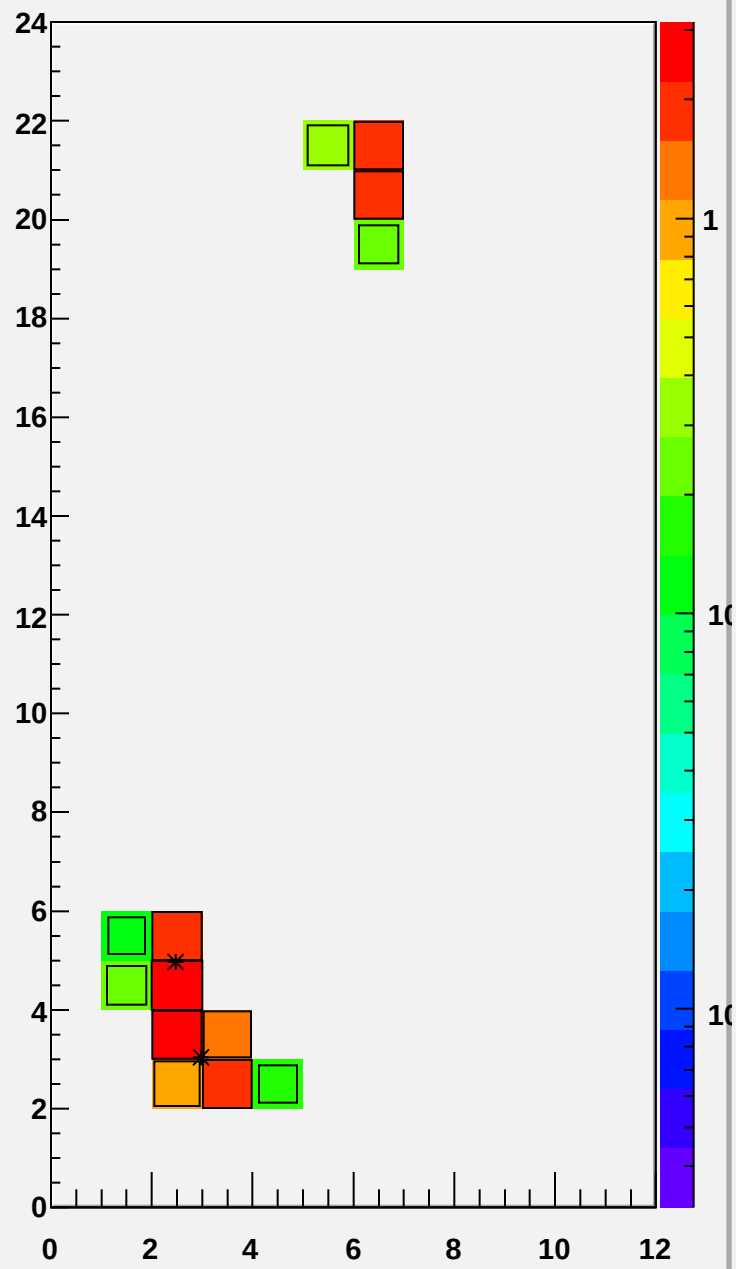
Fitted Energies



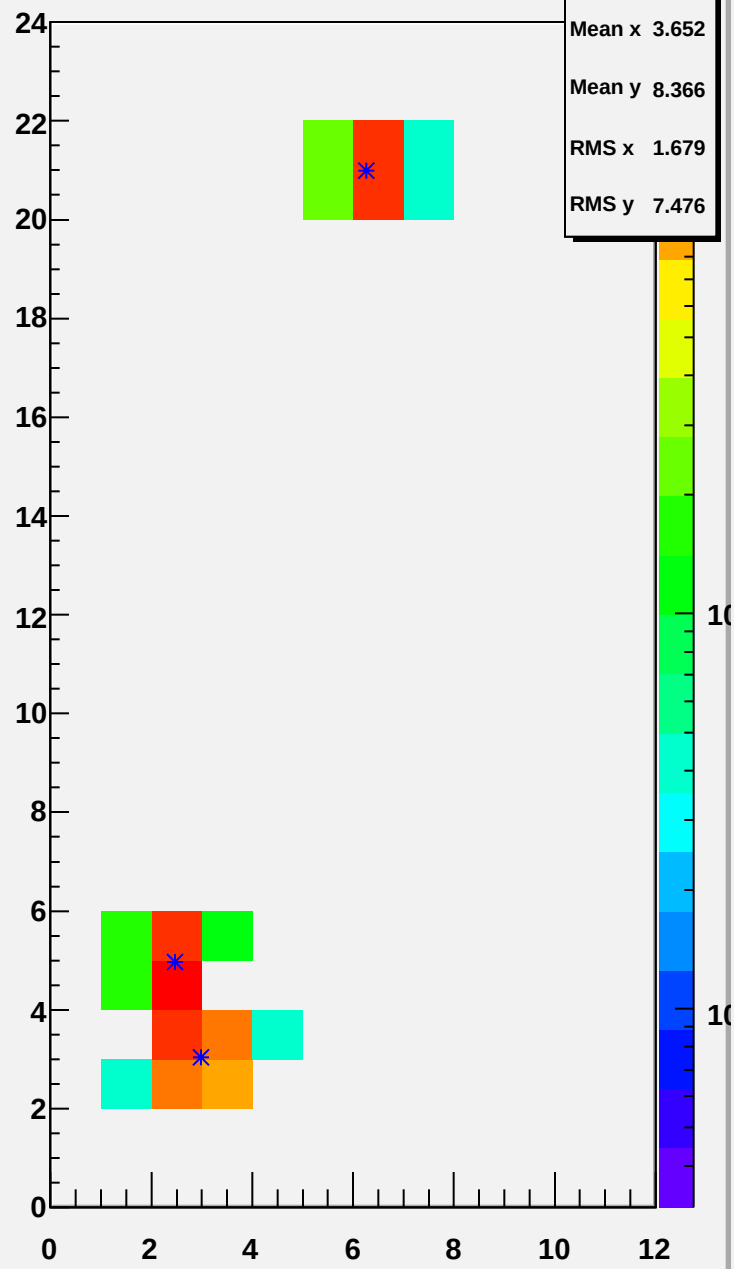
Efit

Entries	288
Mean x	2.904
Mean y	3.323
RMS x	0.5651
RMS y	0.6398

NSTB3_r4_c3_En=16.2_m0=0.069 m1=0.069 index=787



Fitted Energies



Efit

Entries 288

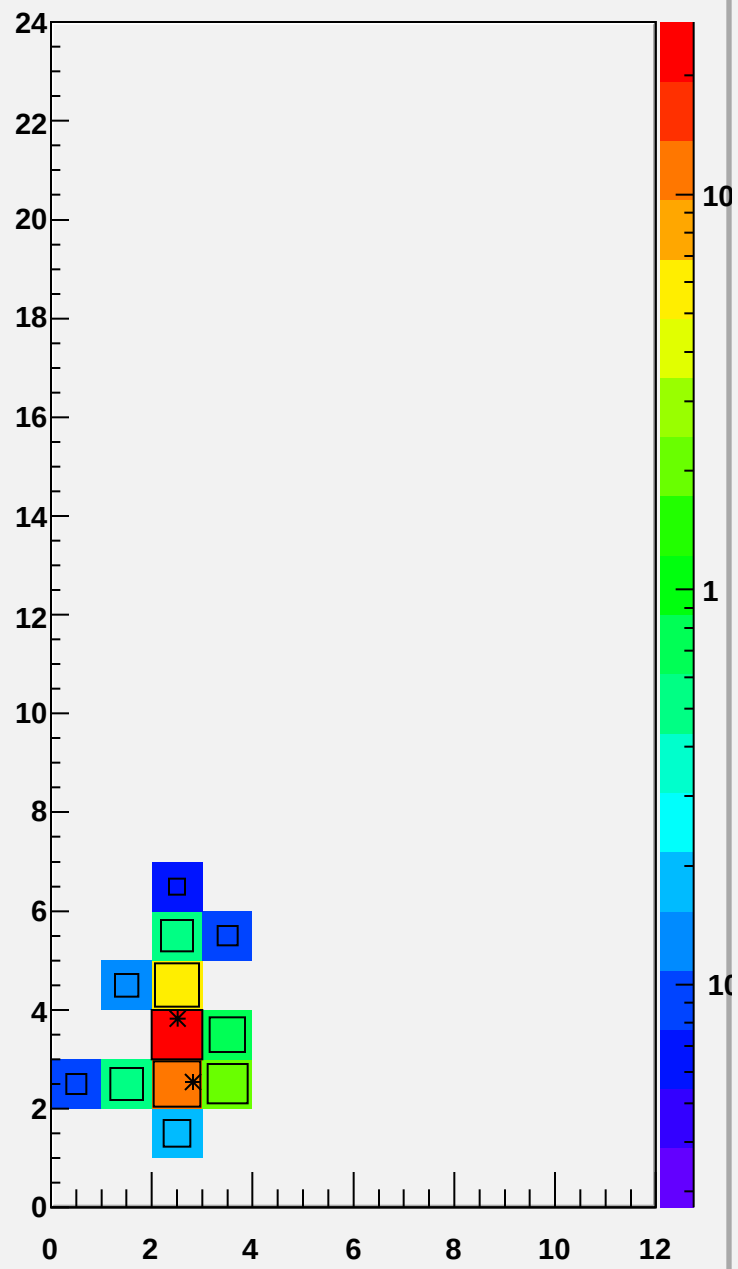
Mean x 3.652

Mean y 8.366

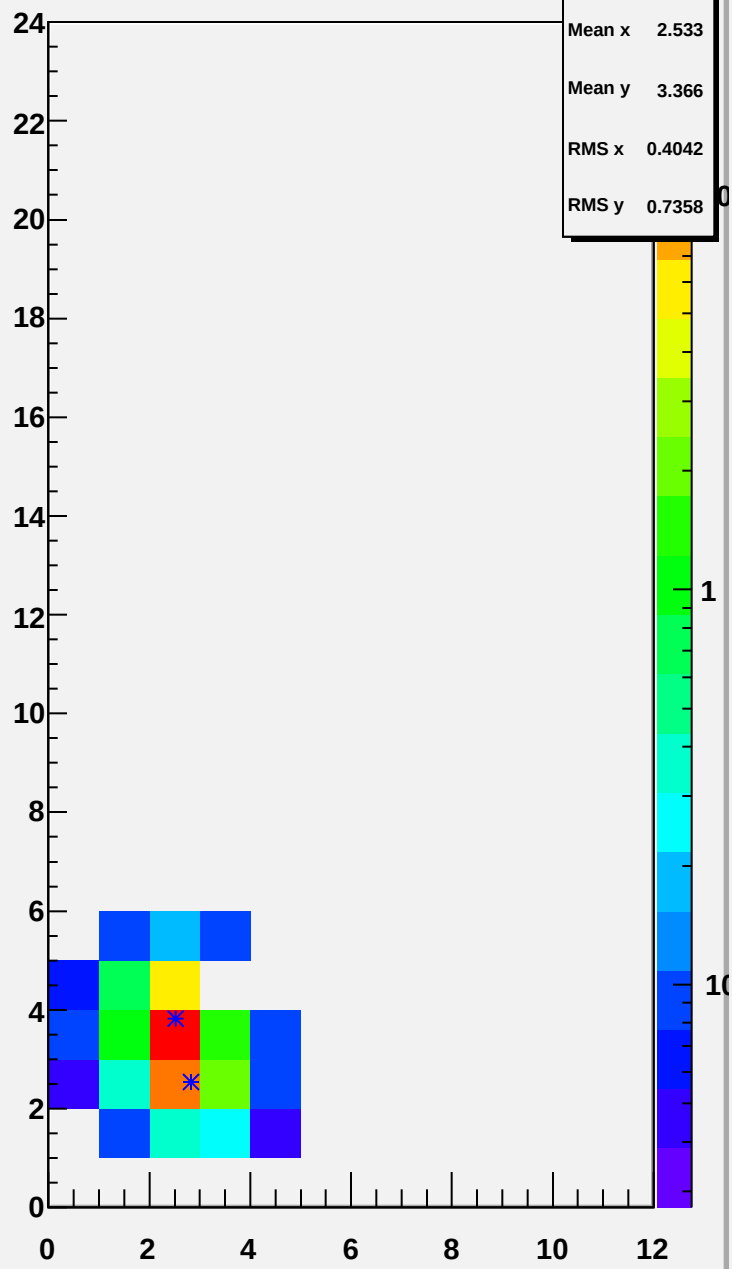
RMS x 1.679

RMS y 7.476

NSTB3_r4_c3_En=47.5_m0=0.158 m1=0.158 index=788



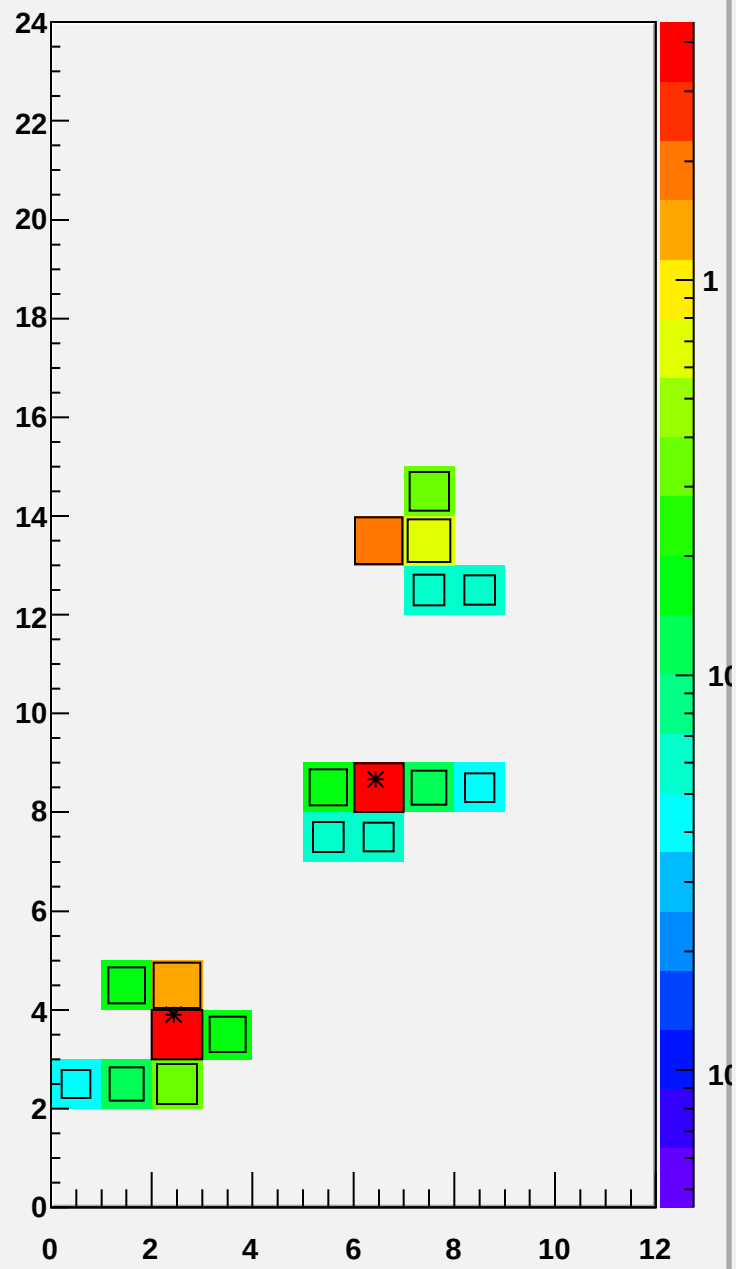
Fitted Energies



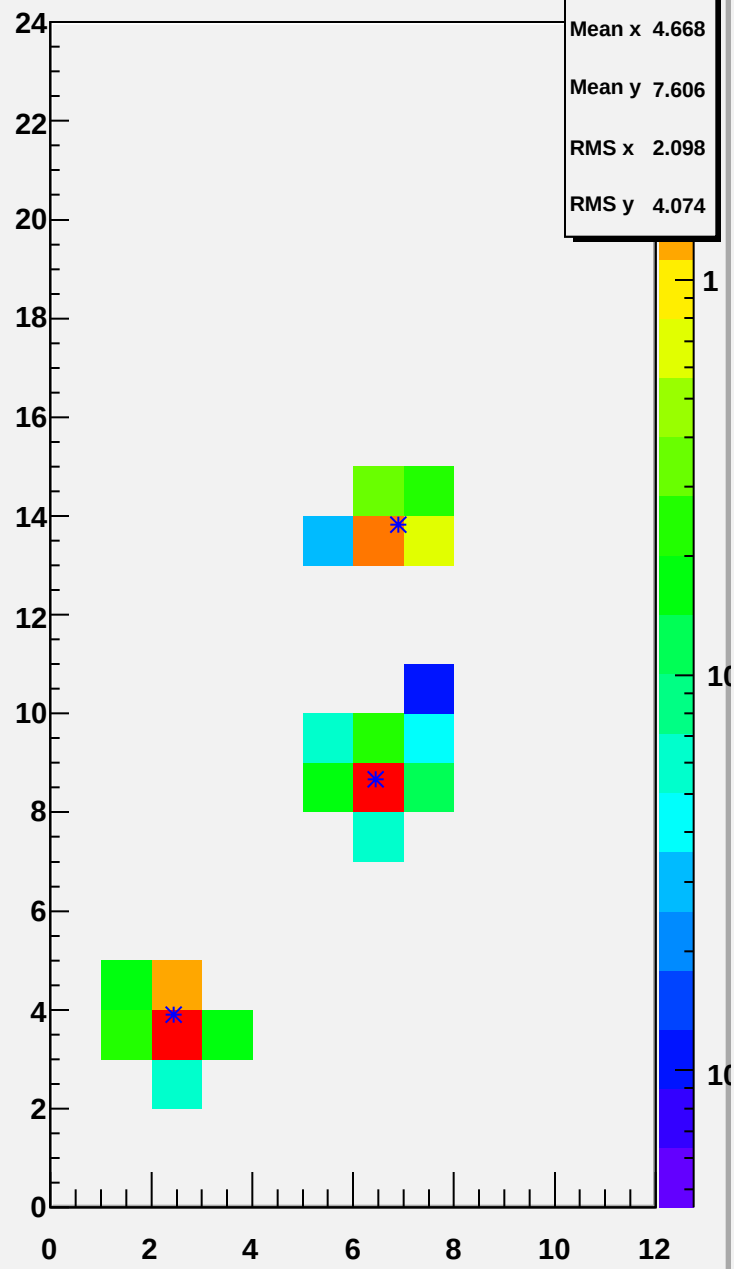
Efit

Entries	288
Mean x	2.533
Mean y	3.366
RMS x	0.4042
RMS y	0.7358

NSTB3_r4_c3_En=14.0_m0=0.186_m1=0.186_index=790



Fitted Energies



Efit

Entries 288

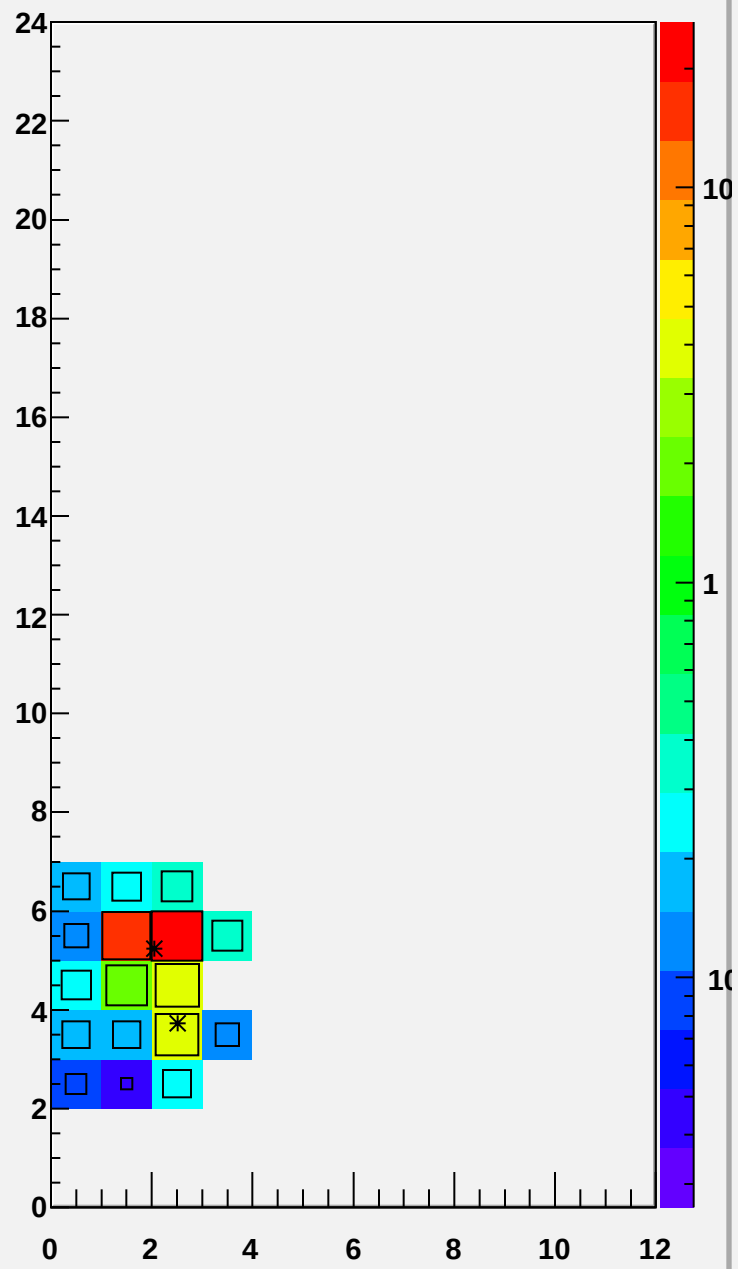
Mean x 4.668

Mean y 7.606

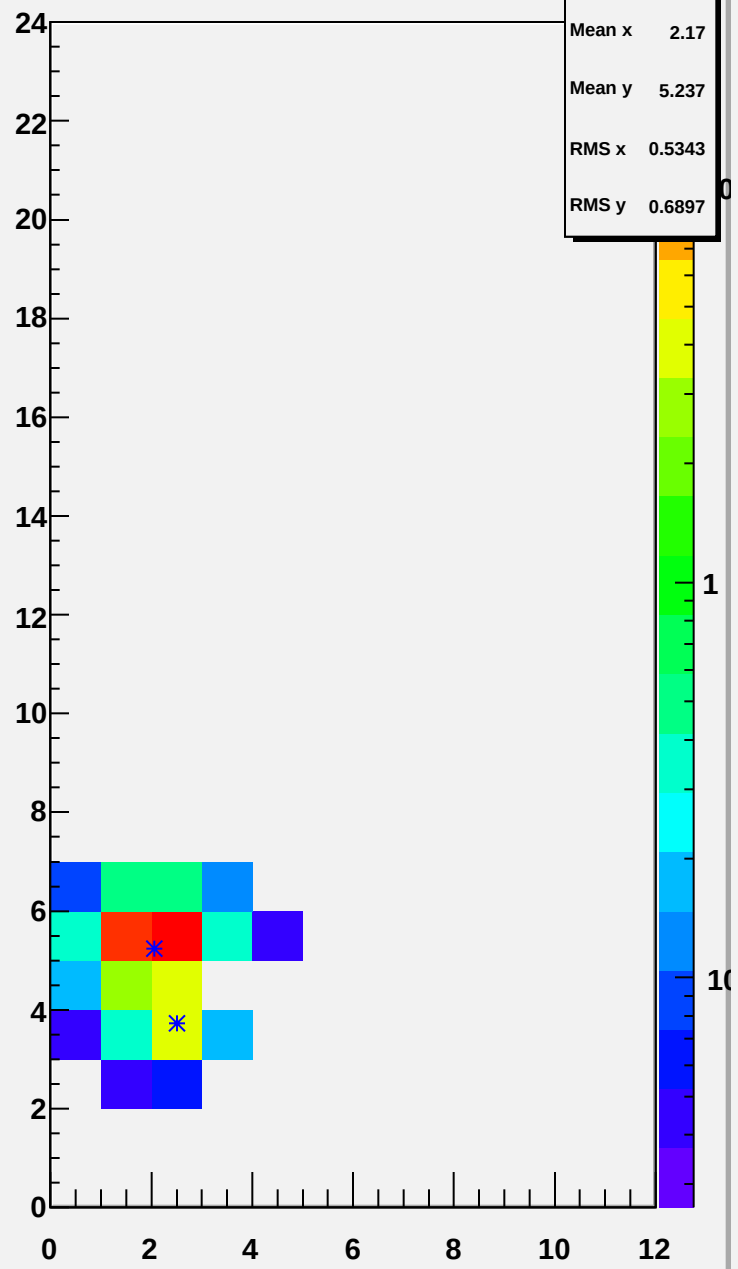
RMS x 2.098

RMS y 4.074

NSTB3_r4_c3_En=52.4_m0=0.126 m1=0.126 index=791



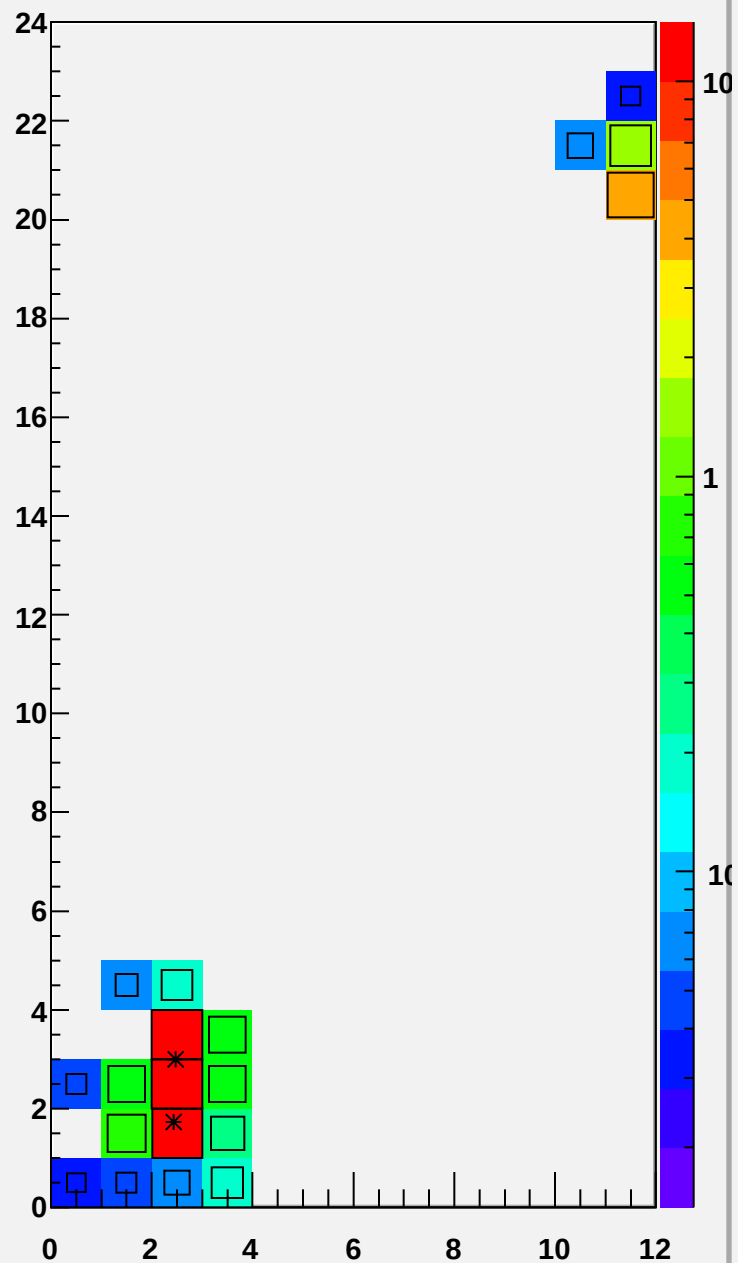
Fitted Energies



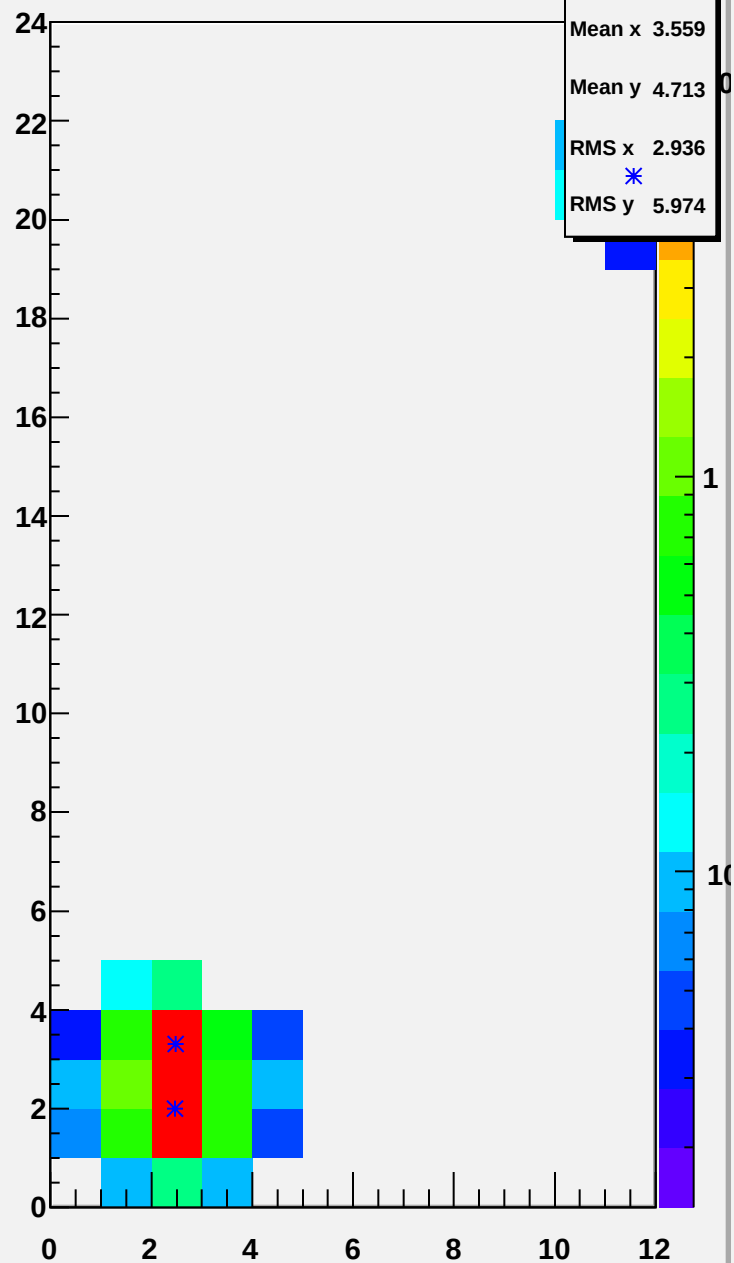
Efit

Entries	288
Mean x	2.17
Mean y	5.237
RMS x	0.5343
RMS y	0.6897

NSTB3_r4_c3_En=49.2_m0=0.150 m1=0.156 index=792



Fitted Energies



Efit

Entries 288

Mean x 3.559

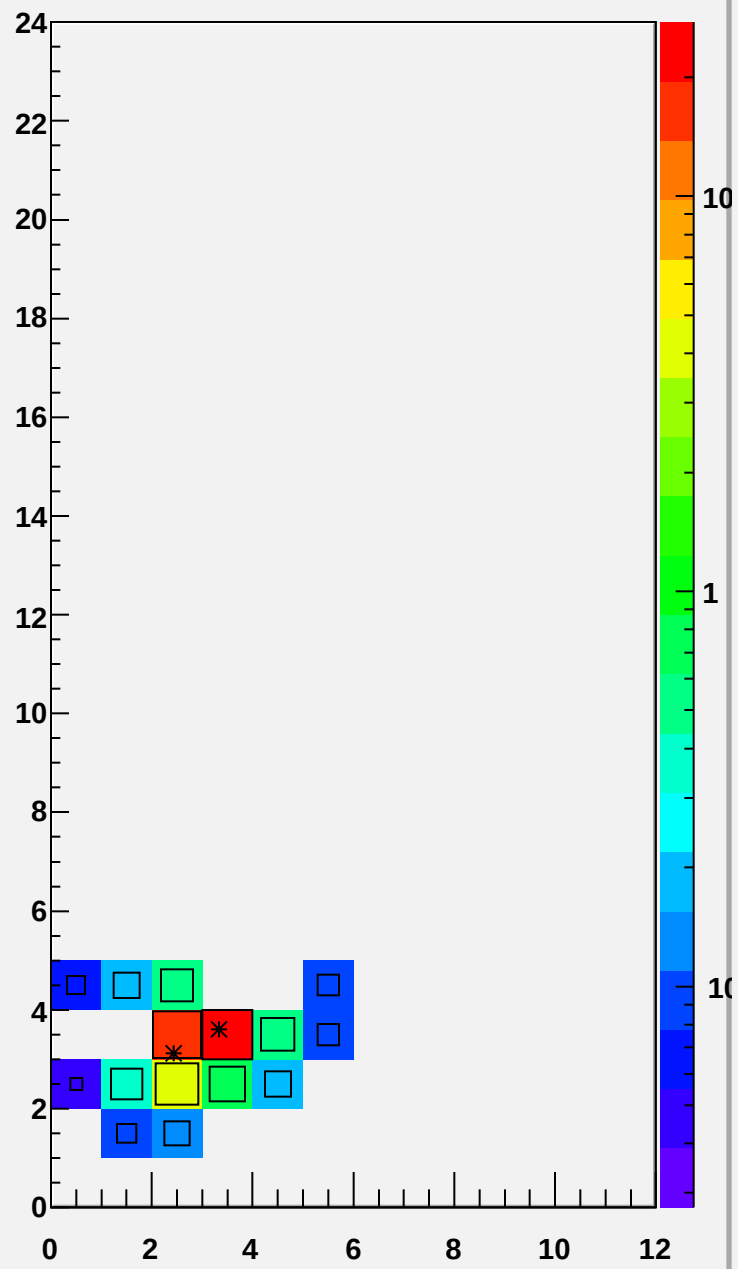
Mean y 4.713

RMS x 2.936

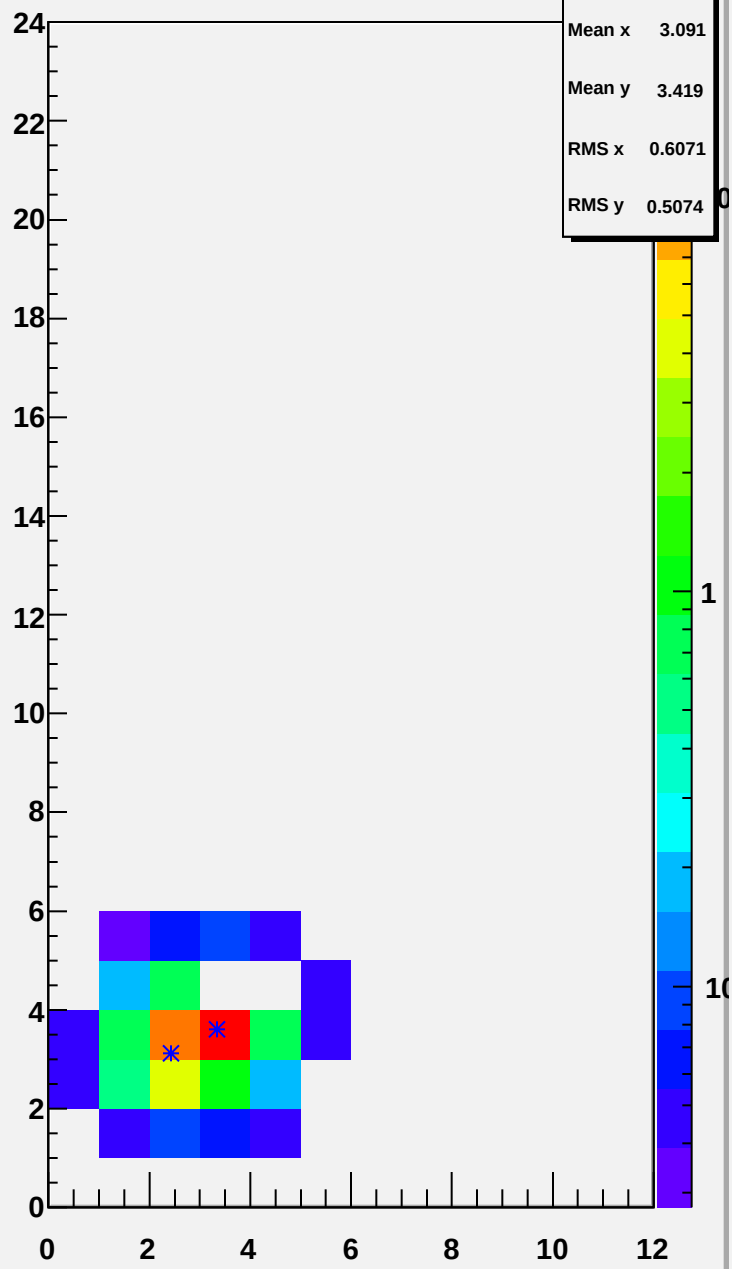
*

RMS y 5.974

NSTB3_r4_c3_En=48.4_m0=0.135 m1=0.135 index=795



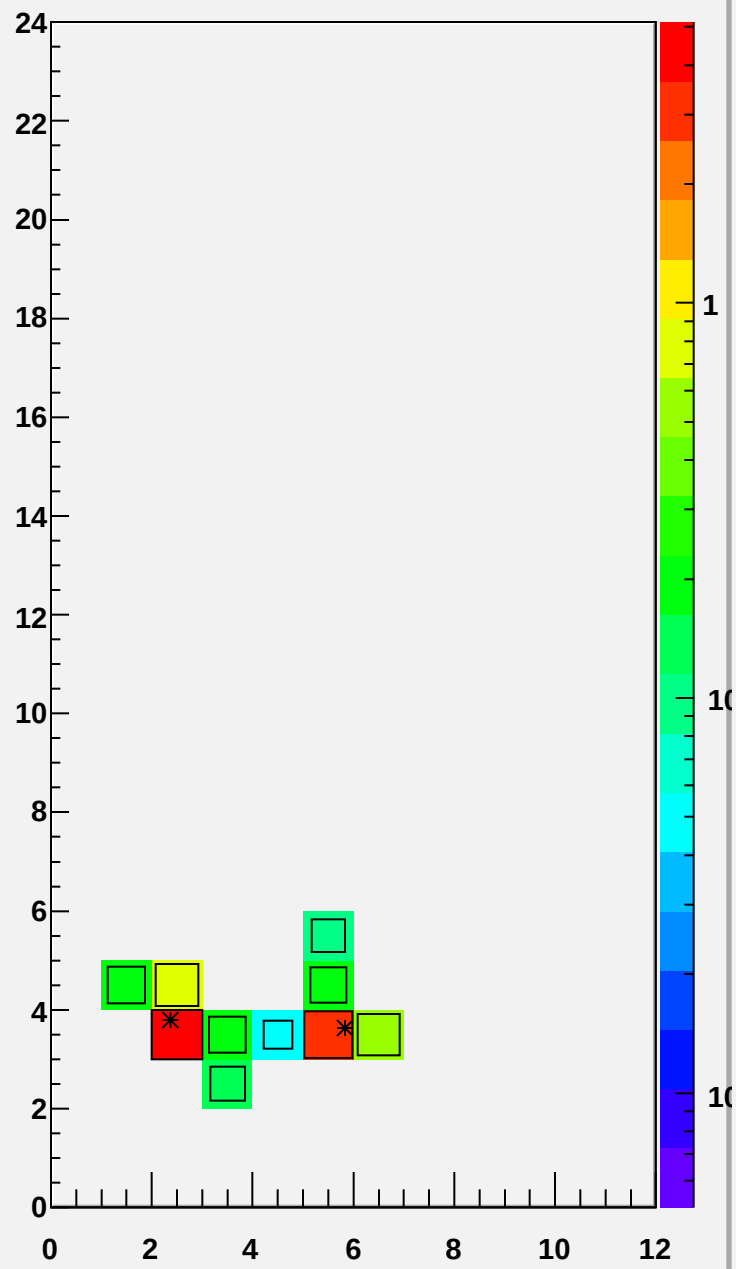
Fitted Energies



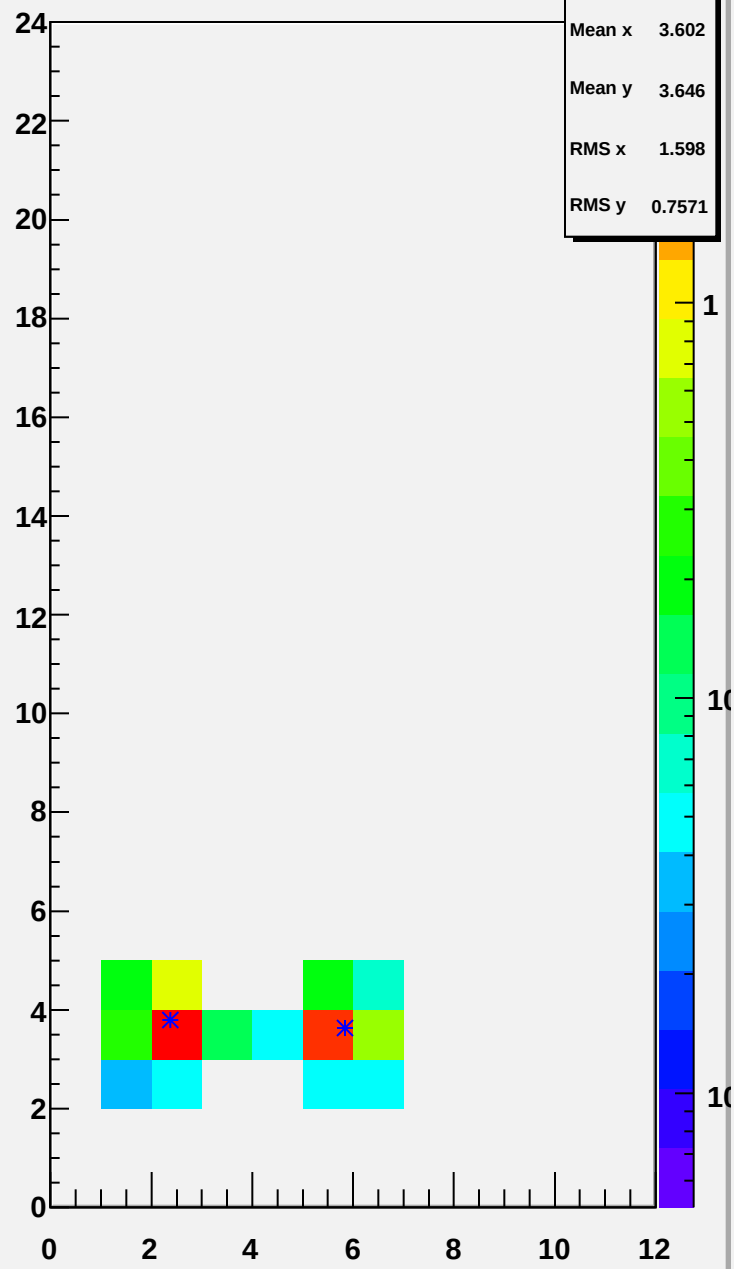
Efit

Entries	288
Mean x	3.091
Mean y	3.419
RMS x	0.6071
RMS y	0.5074

NSTB3_r4_c3_En=10.1_m0=0.098 m1=0.098 index=797



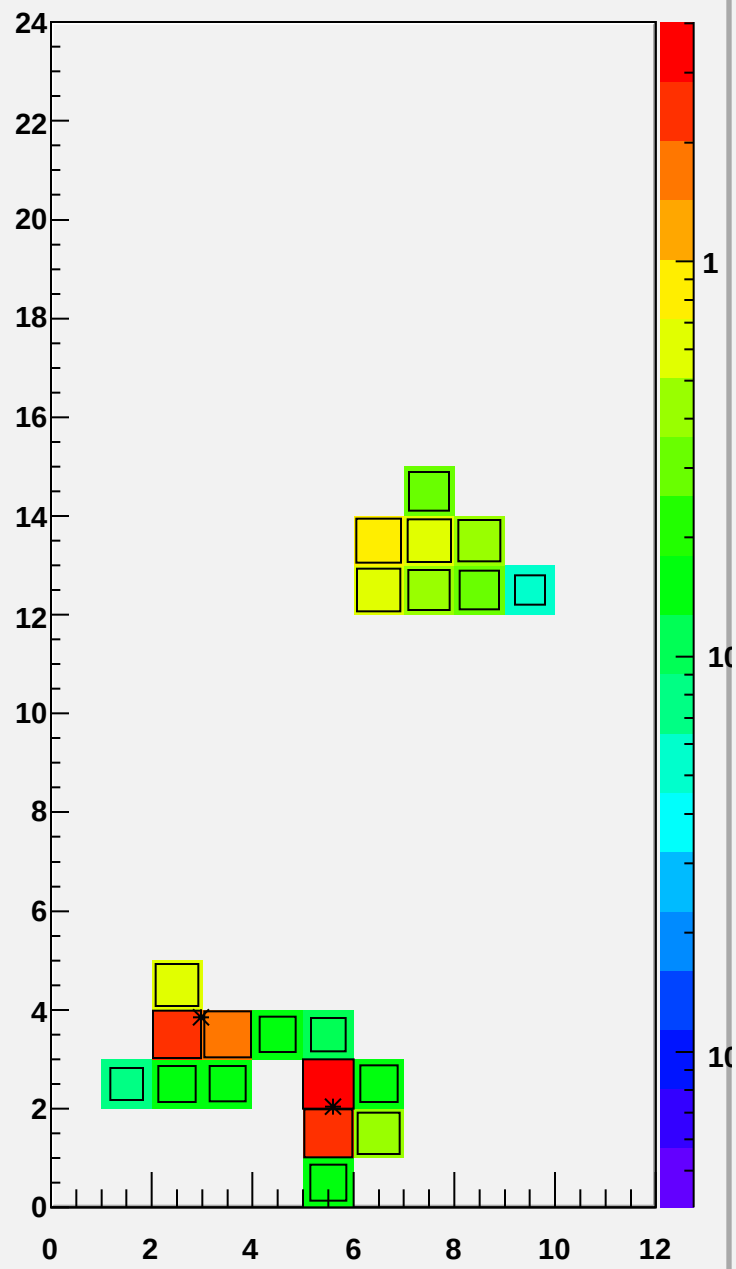
Fitted Energies



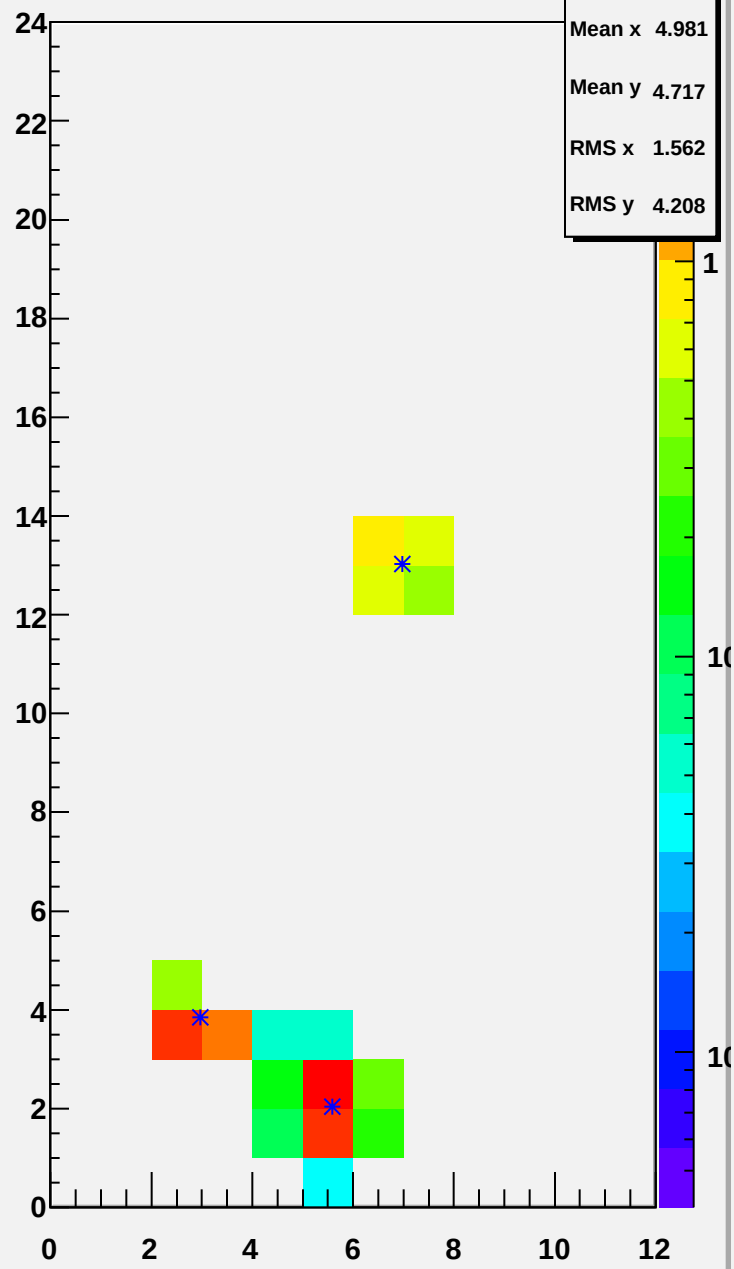
Efit

Entries	288
Mean x	3.602
Mean y	3.646
RMS x	1.598
RMS y	0.7571

NSTB3_r4_c3_En=16.0_m0=0.110_m1=0.110_index=800



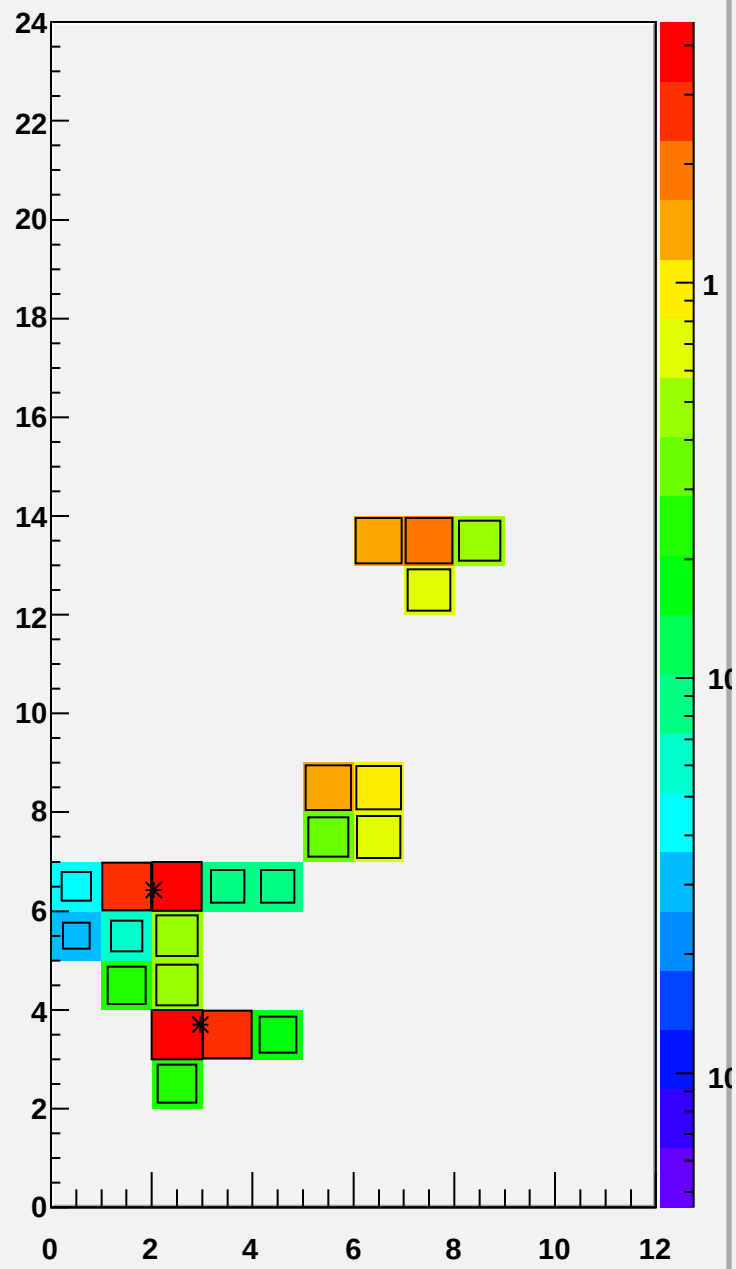
Fitted Energies



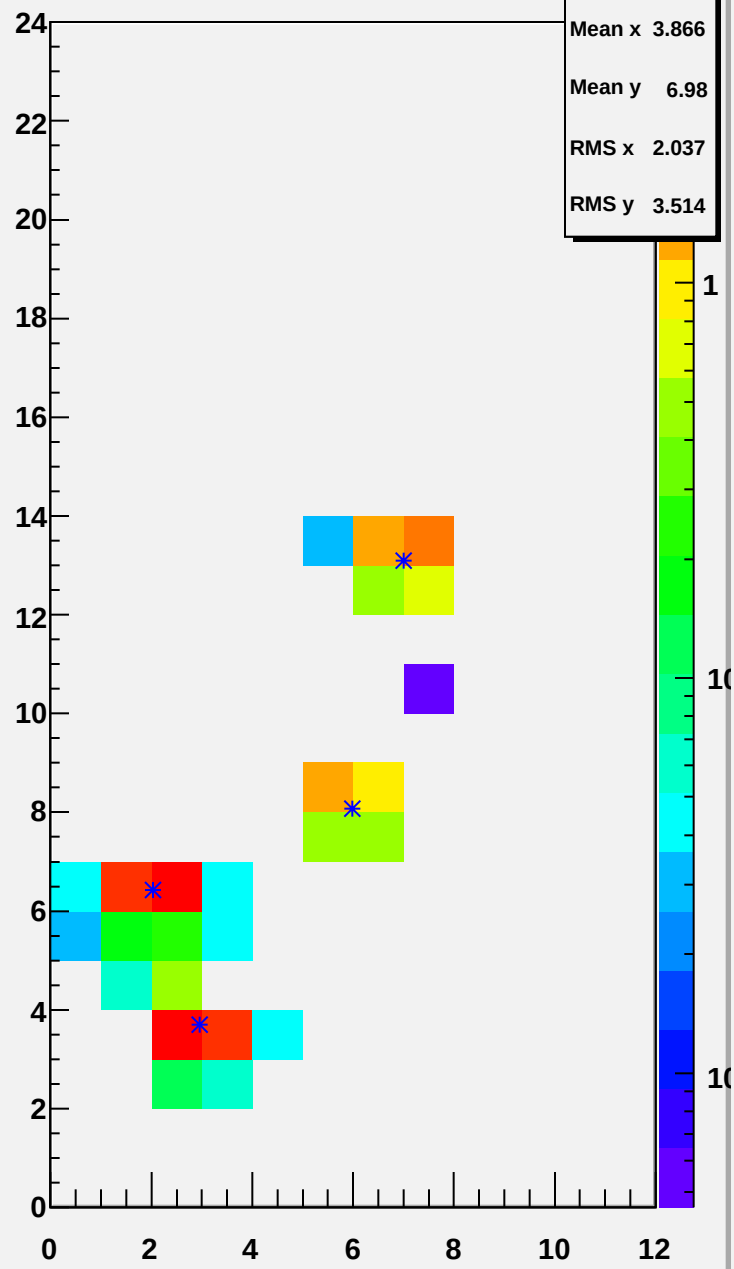
Efit

Entries 288
Mean x 4.981
Mean y 4.717
RMS x 1.562
RMS y 4.208

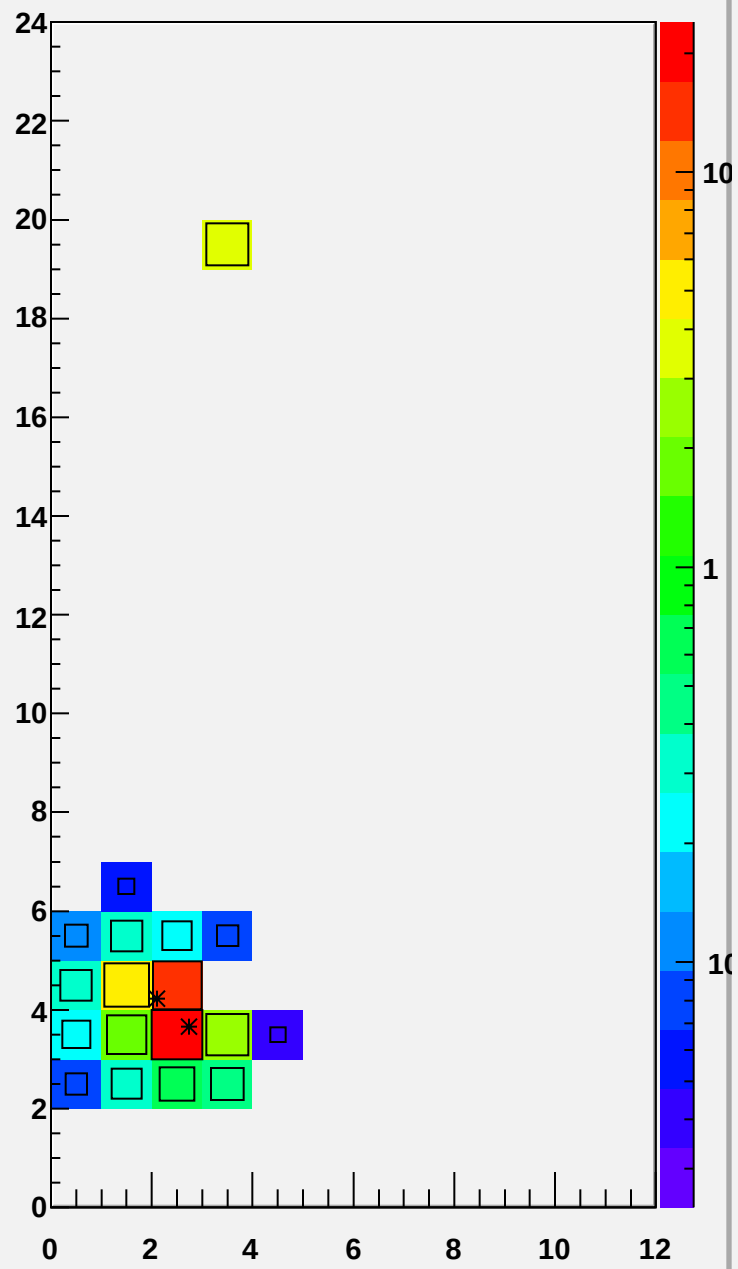
NSTB3_r4_c3_En=22.8_m0=0.123_m1=0.123_index=801



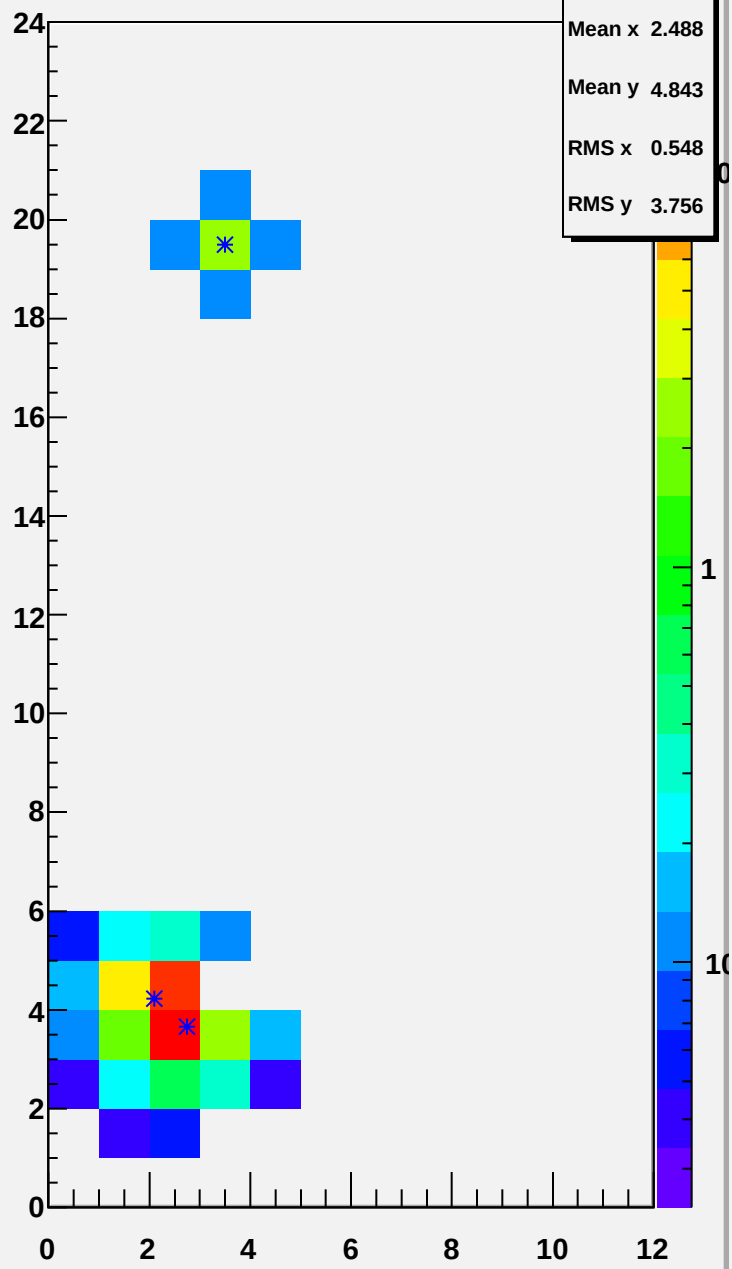
Fitted Energies



NSTB3_r4_c3_En=54.6_m0=0.121_m1=0.121_index=803



Fitted Energies



Efit

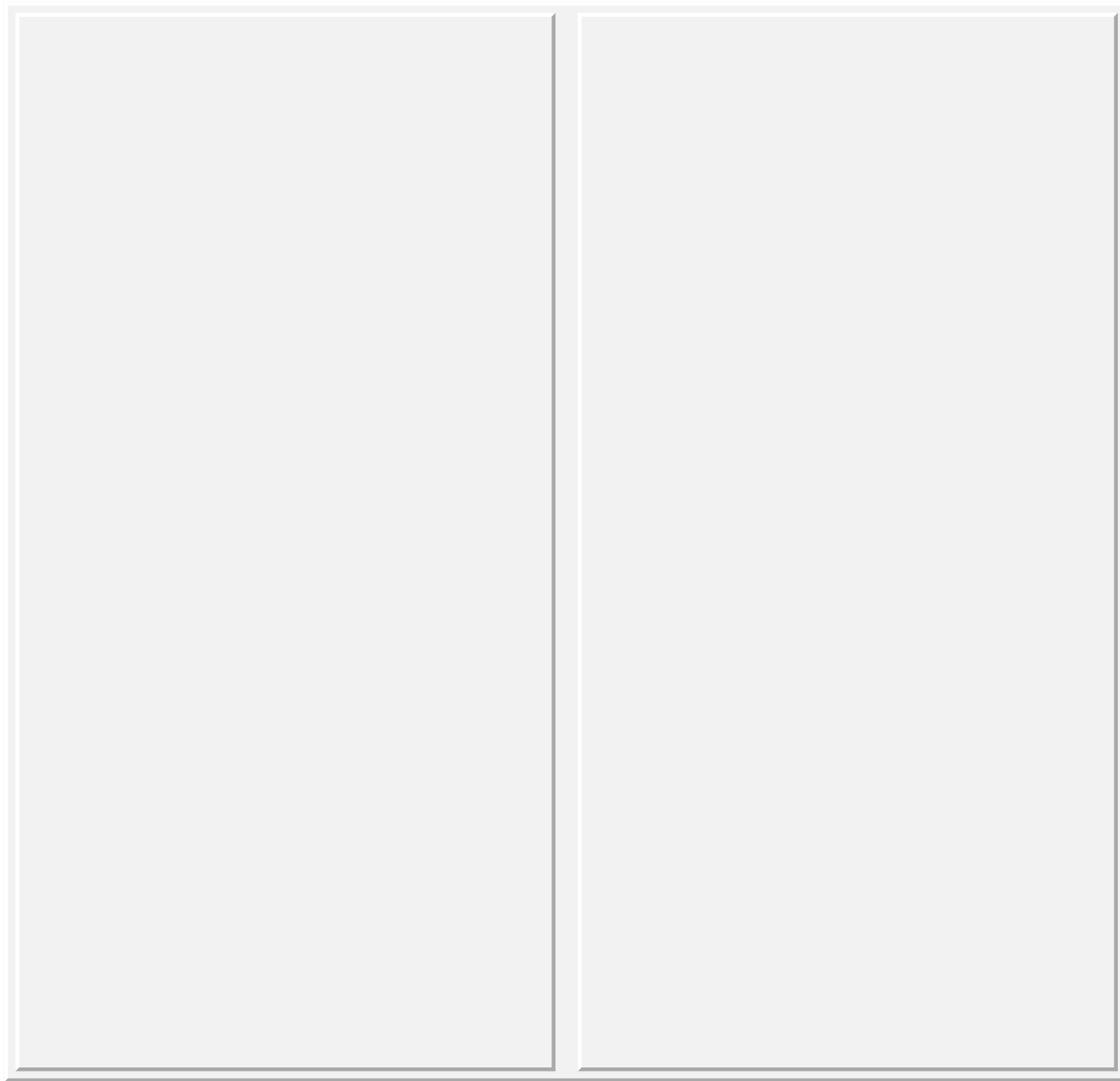
Entries 288

Mean x 2.488

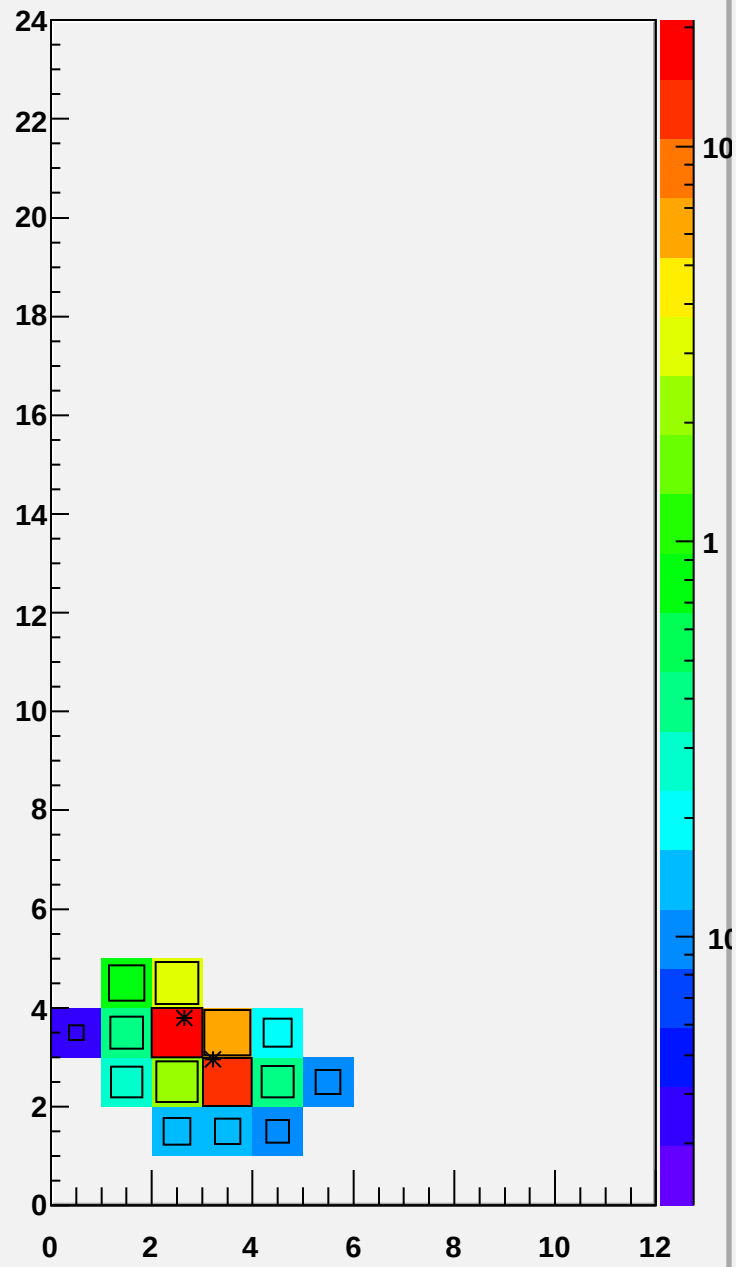
Mean y 4.843

RMS x 0.548

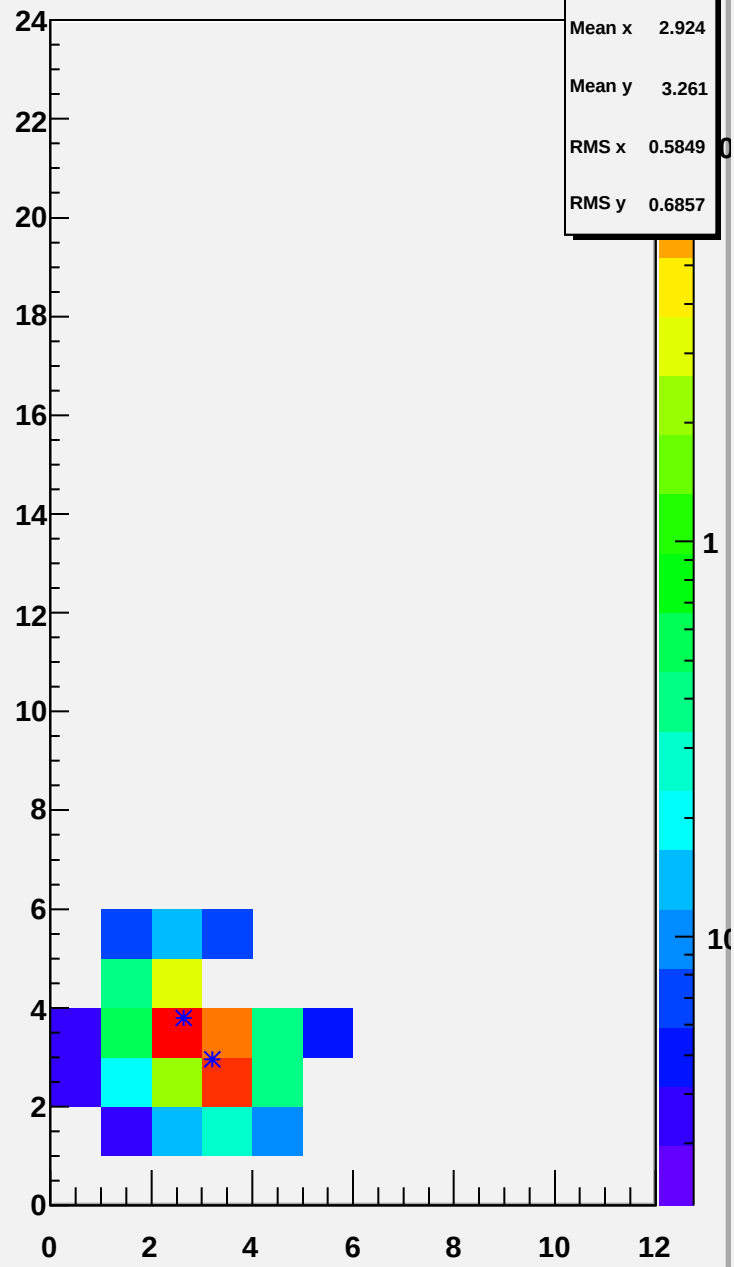
RMS y 3.756



NSTB3_r4_c3_En=49.2_m0=0.151_m1=0.151_index=805



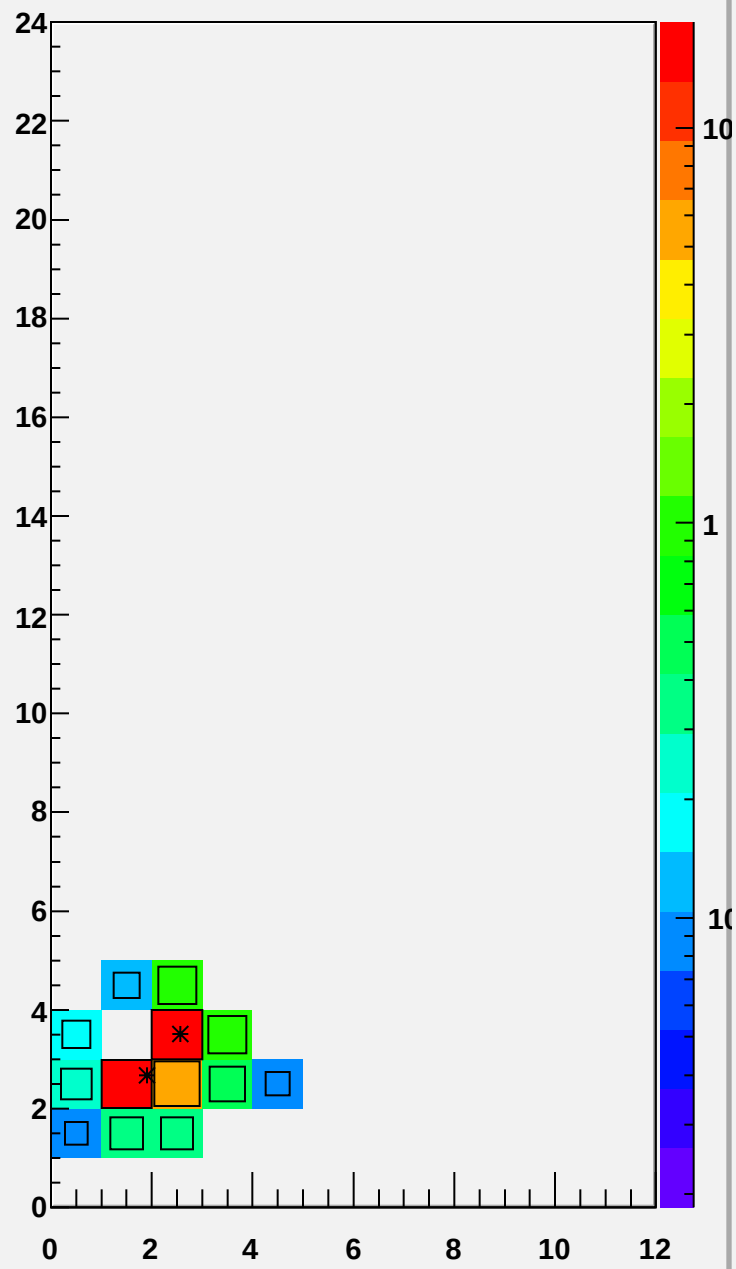
Fitted Energies



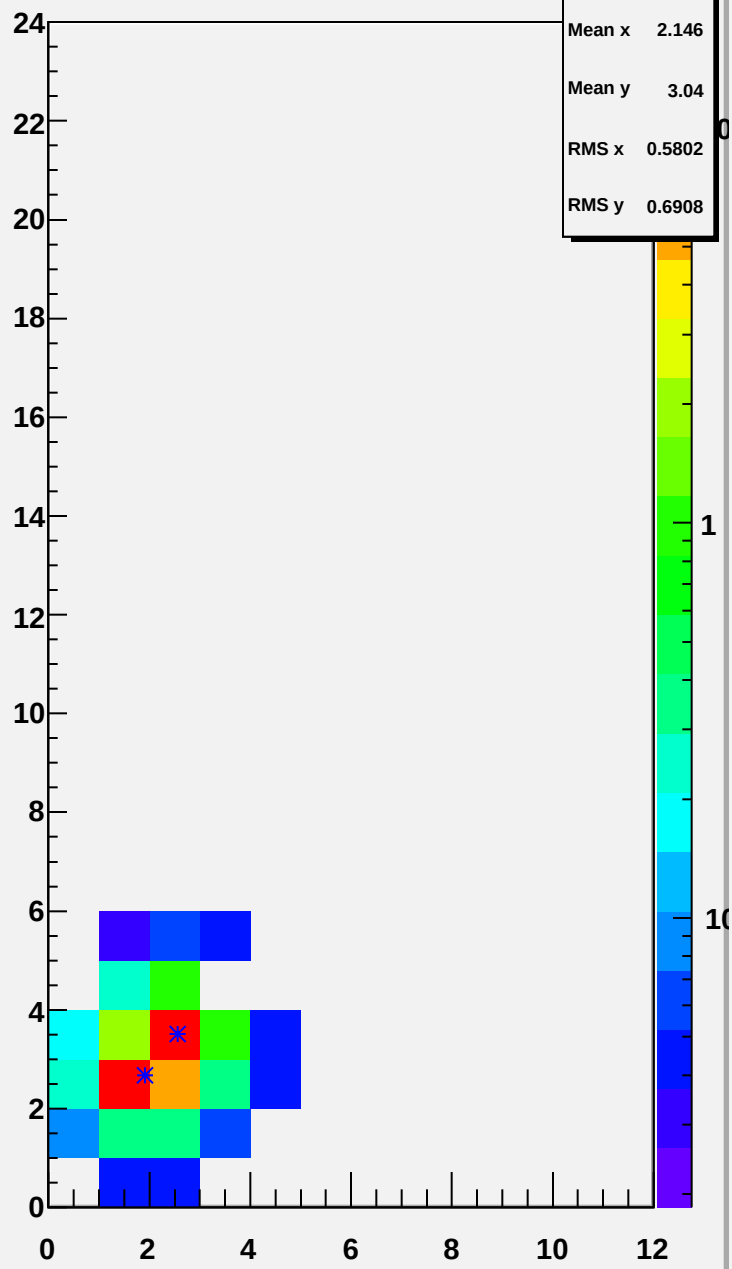
Efit

Entries	288
Mean x	2.924
Mean y	3.261
RMS x	0.5849
RMS y	0.6857

NSTB3_r4_c3_En=41.9_m0=0.132 m1=0.132 index=806



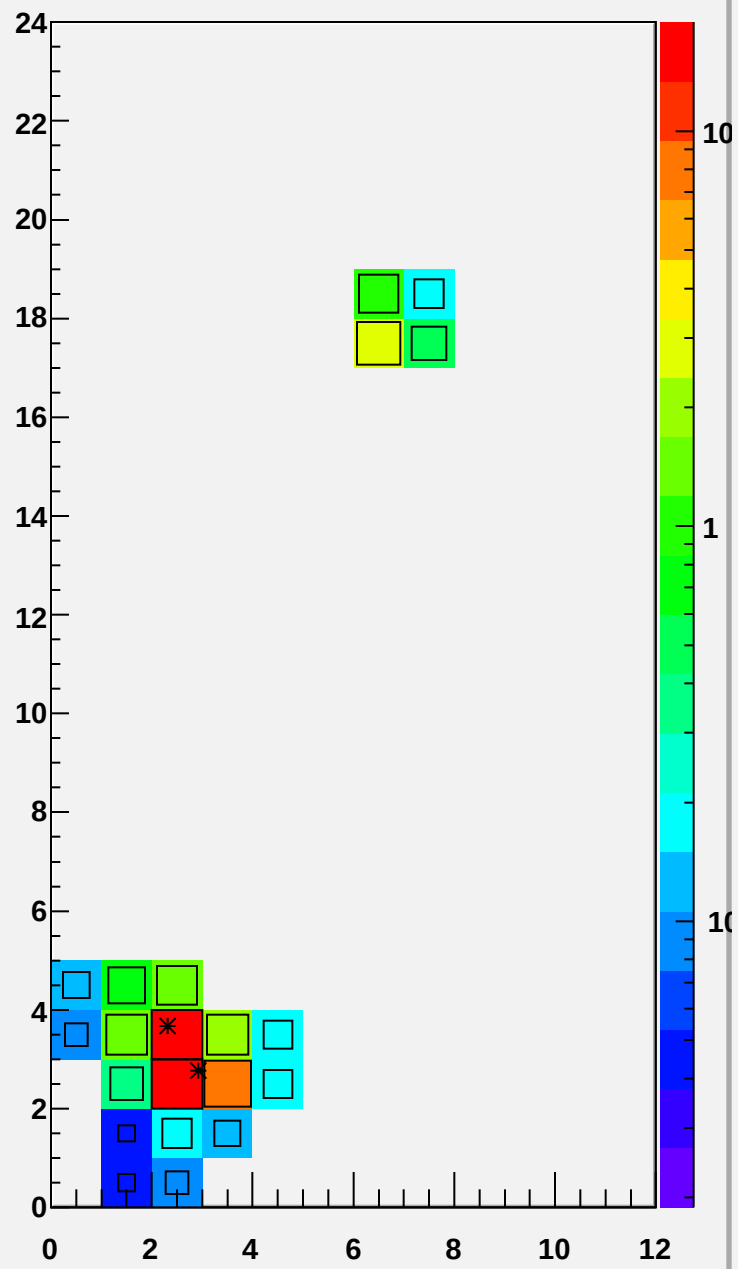
Fitted Energies



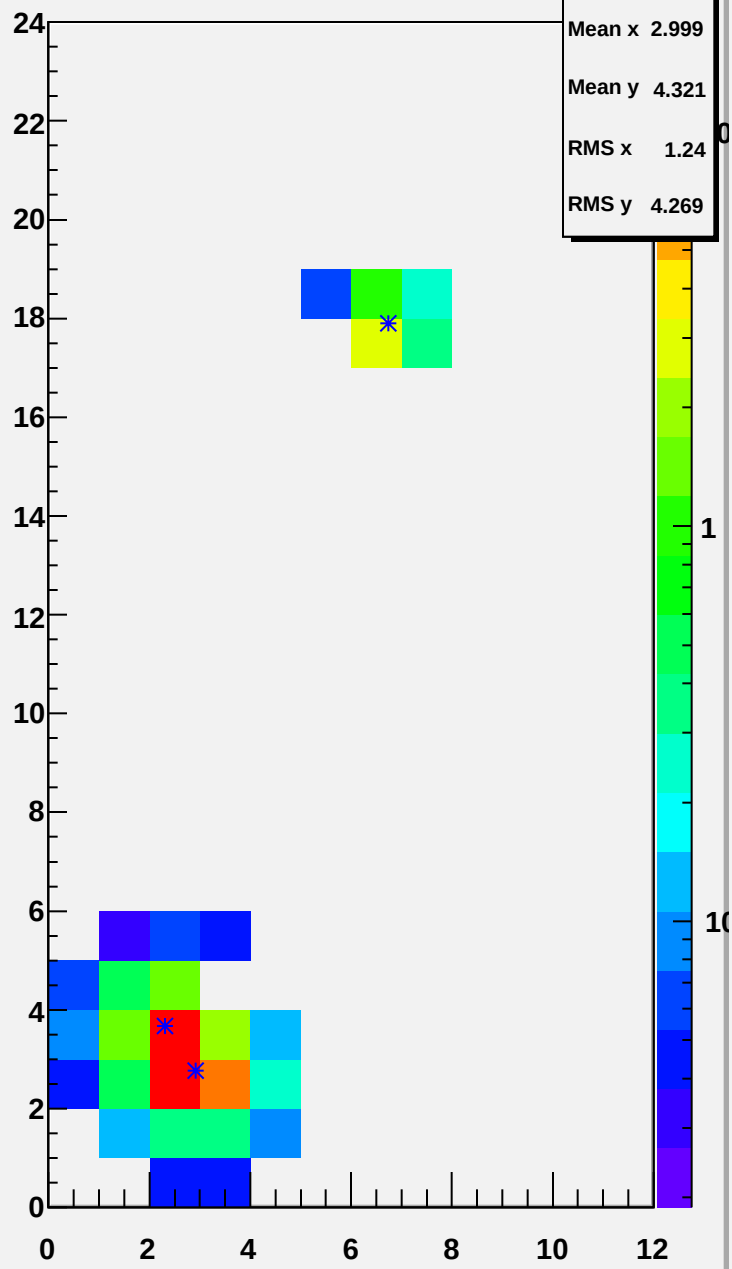
Efit

Entries	288
Mean x	2.146
Mean y	3.04
RMS x	0.5802
RMS y	0.6908

NSTB3_r4_c3_En=56.6_m0=0.150 m1=0.150 index=807



Fitted Energies



Efit

Entries 288

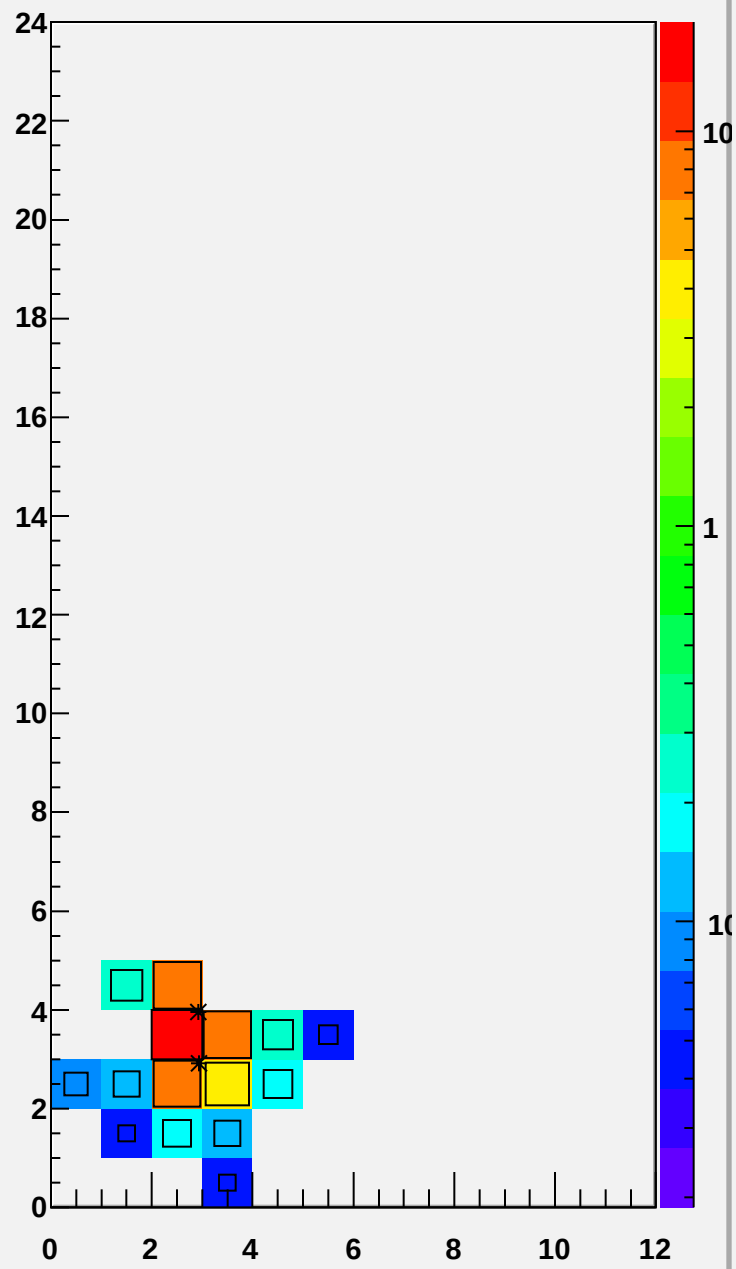
Mean x 2.999

Mean y 4.321

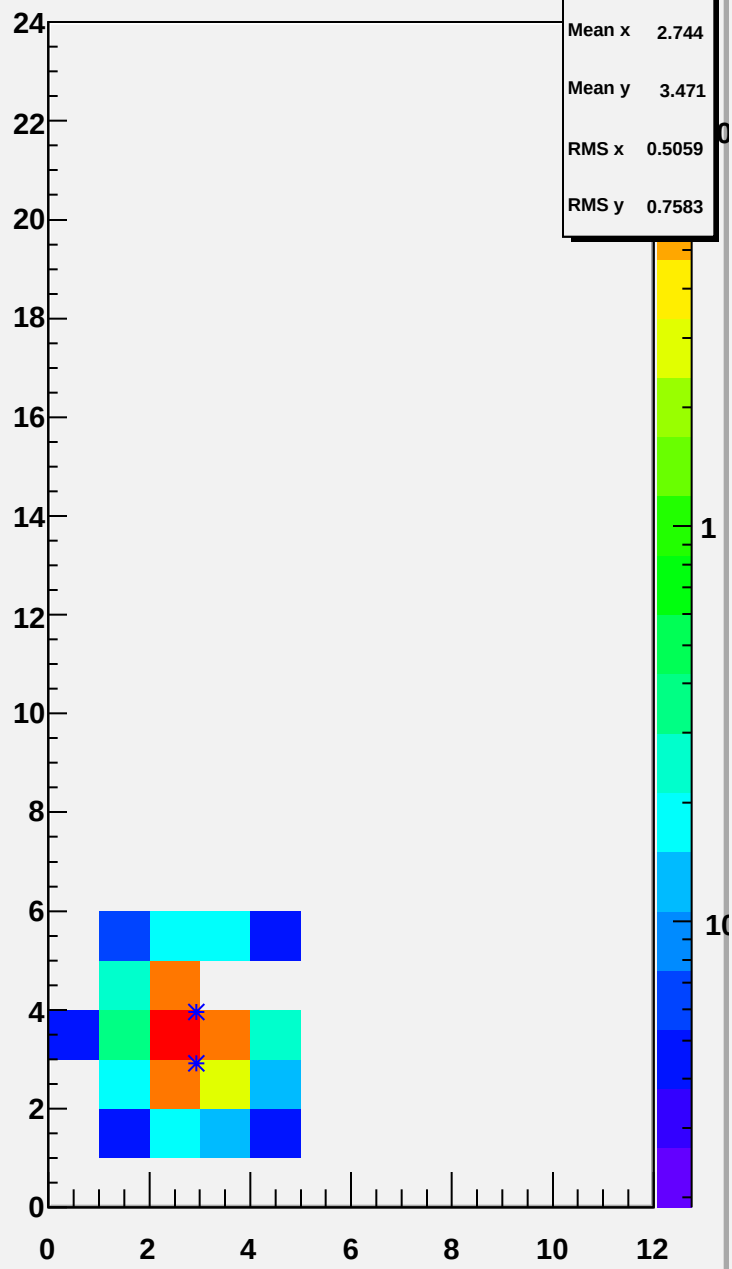
RMS x 1.24

RMS y 4.269

NSTB3_r4_c3_En=47.8_m0=0.139_m1=0.139_index=808



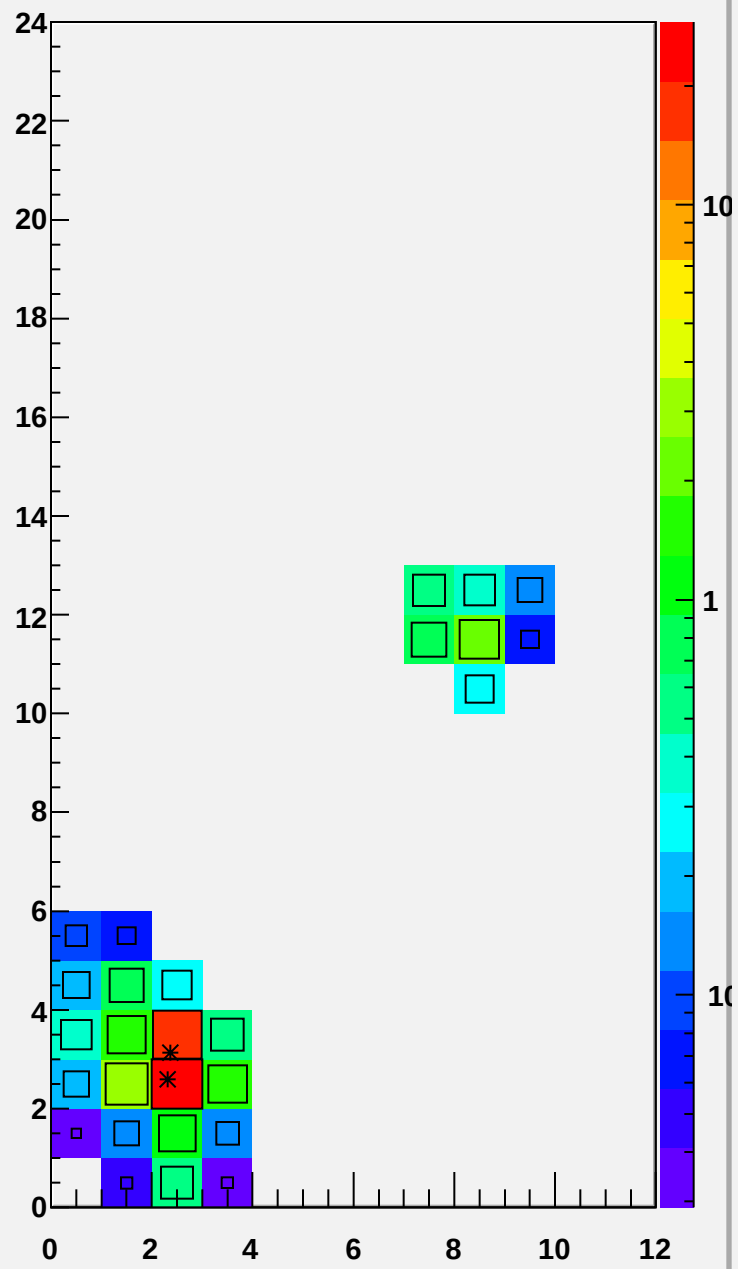
Fitted Energies



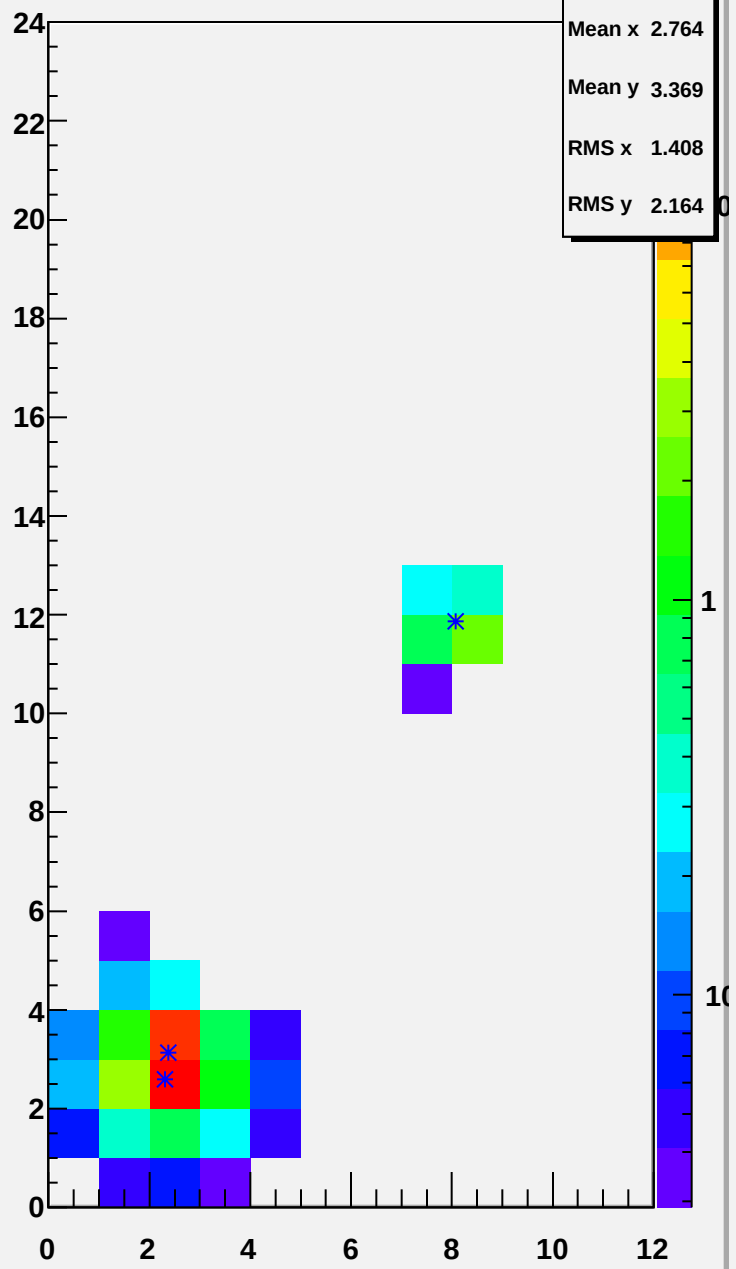
Efit

Entries	288
Mean x	2.744
Mean y	3.471
RMS x	0.5059
RMS y	0.7583

NSTB3_r4_c3_En=61.9_m0=0.082 m1=0.082 index=809



Fitted Energies



Efit

Entries 288

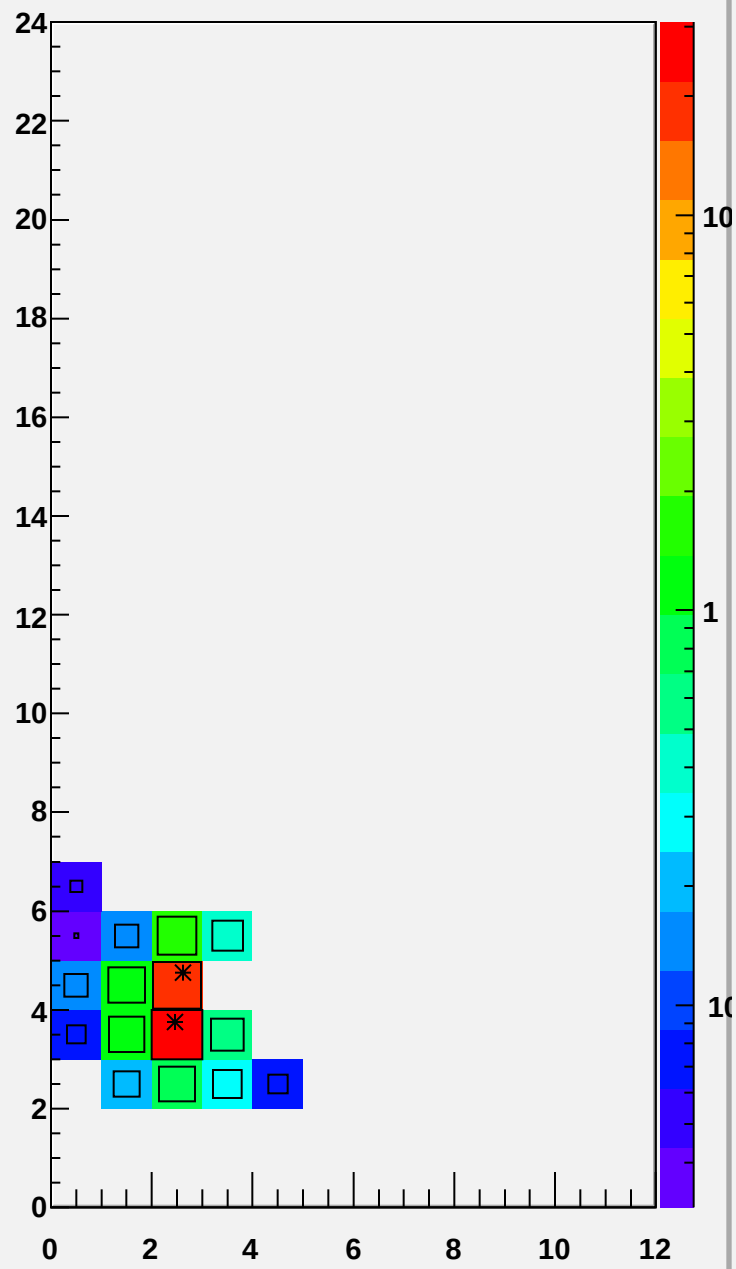
Mean x 2.764

Mean y 3.369

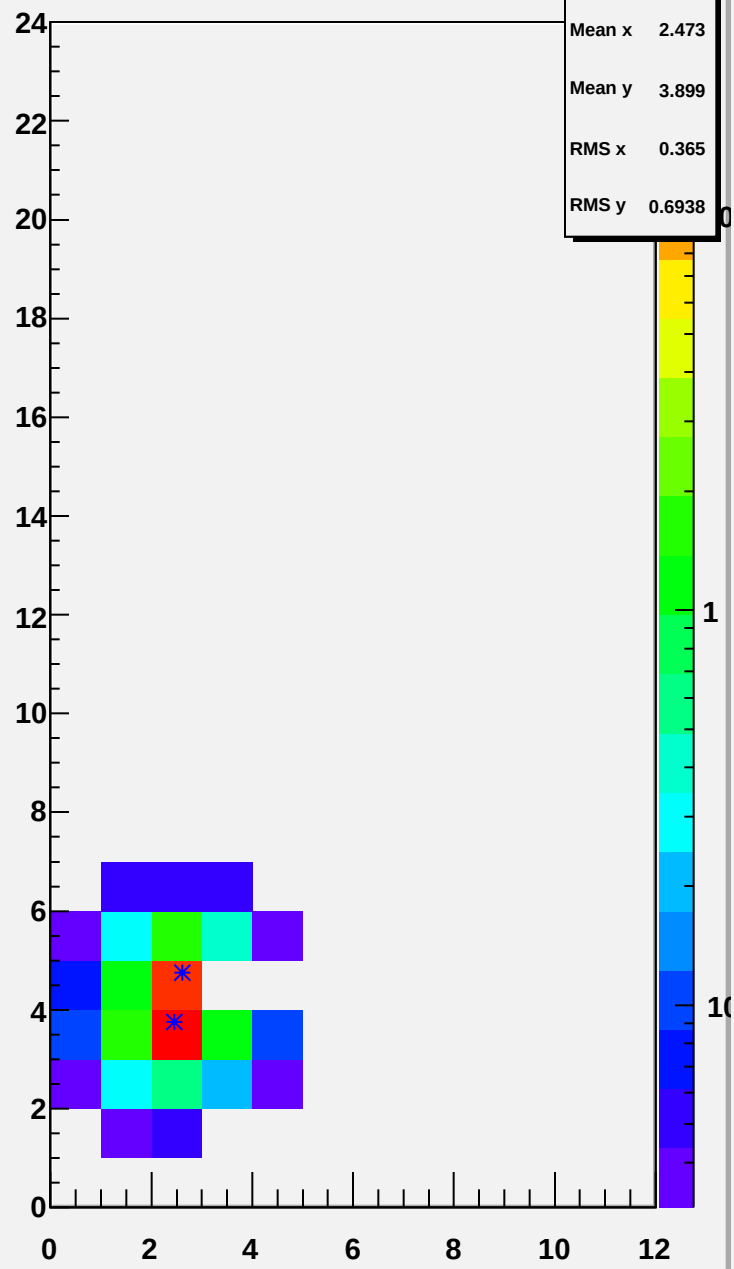
RMS x 1.408

RMS y 2.164

NSTB3_r4_c3_En=53.4_m0=0.139_m1=0.139_index=810



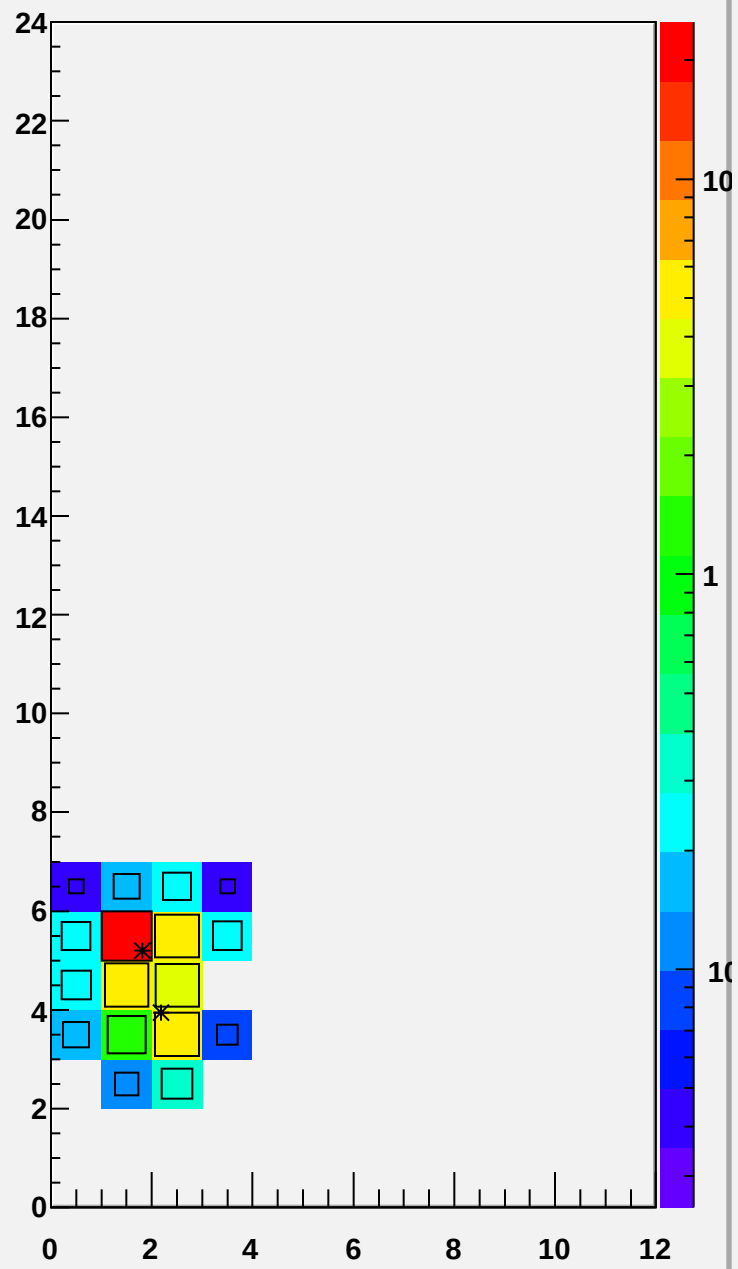
Fitted Energies



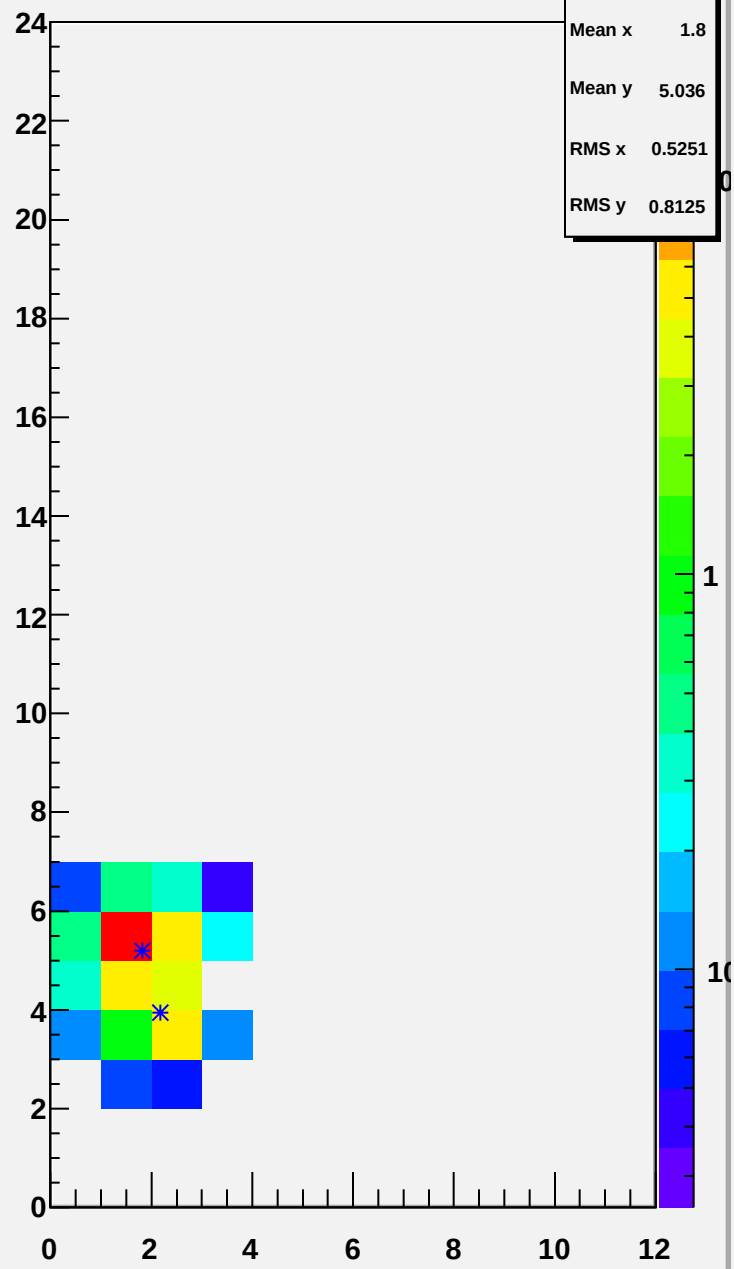
Efit

Entries	288
Mean x	2.473
Mean y	3.899
RMS x	0.365
RMS y	0.6938

NSTB3_r4_c3_En=46.6_m0=0.138_m1=0.138_index=812



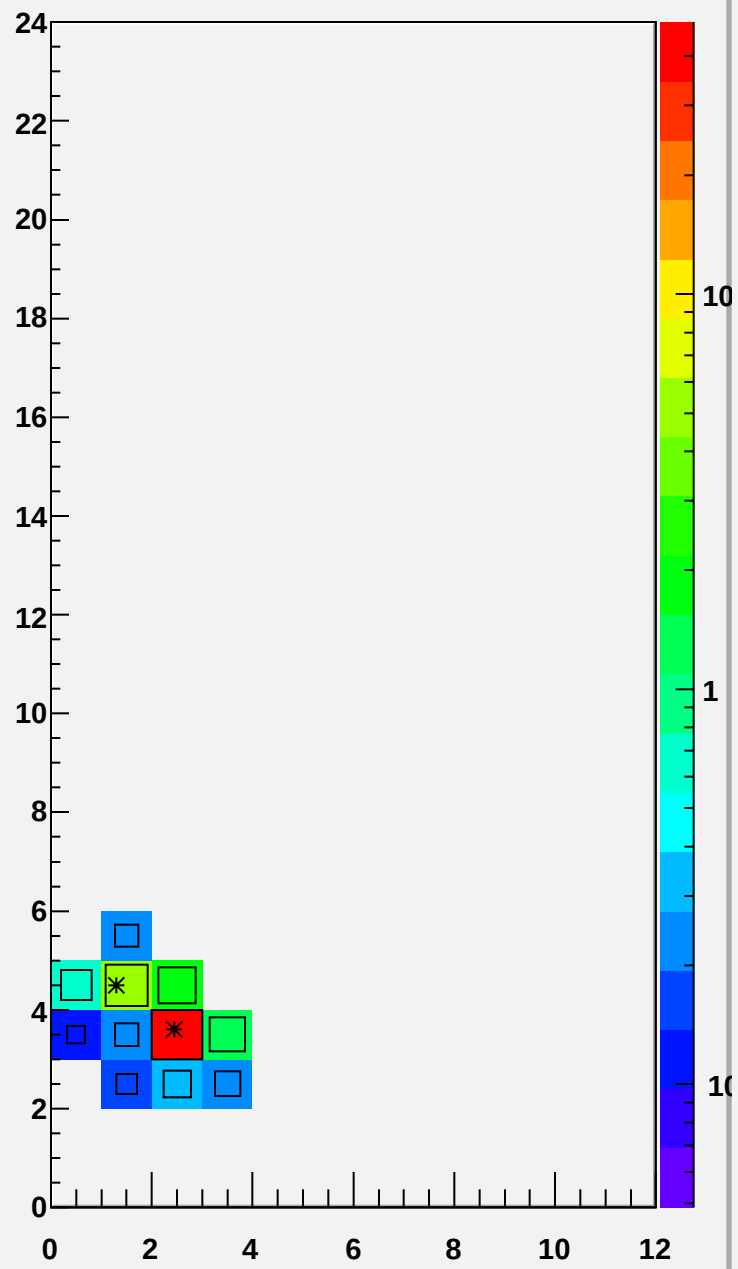
Fitted Energies



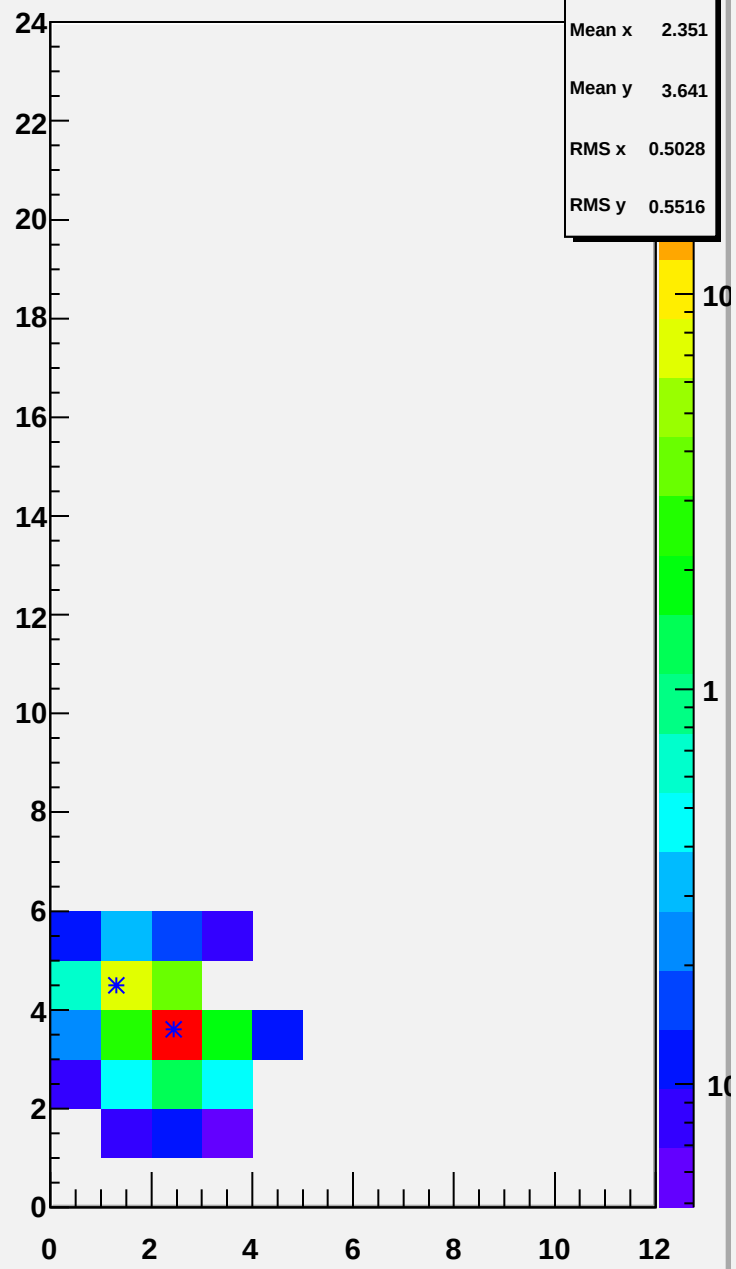
Efit

Entries	288
Mean x	1.8
Mean y	5.036
RMS x	0.5251
RMS y	0.8125

NSTB3_r4_c3_En=59.9_m0=0.165 m1=0.165 index=813



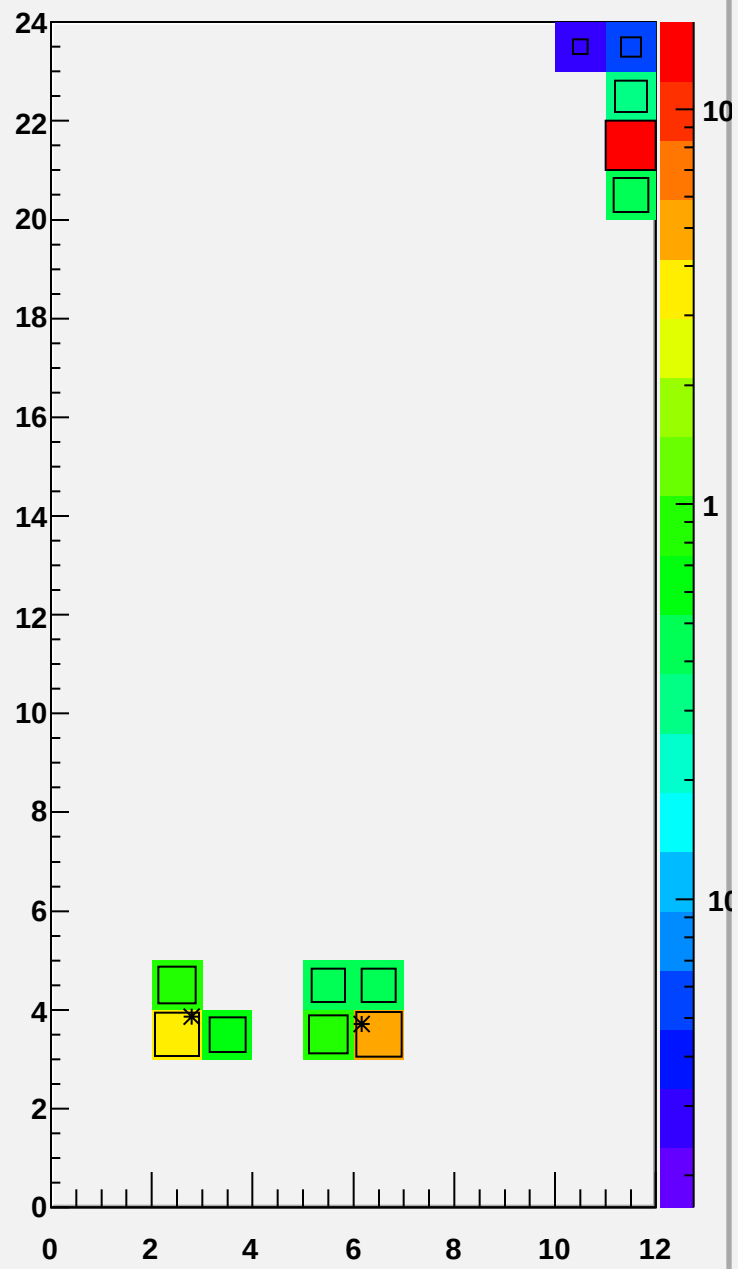
Fitted Energies



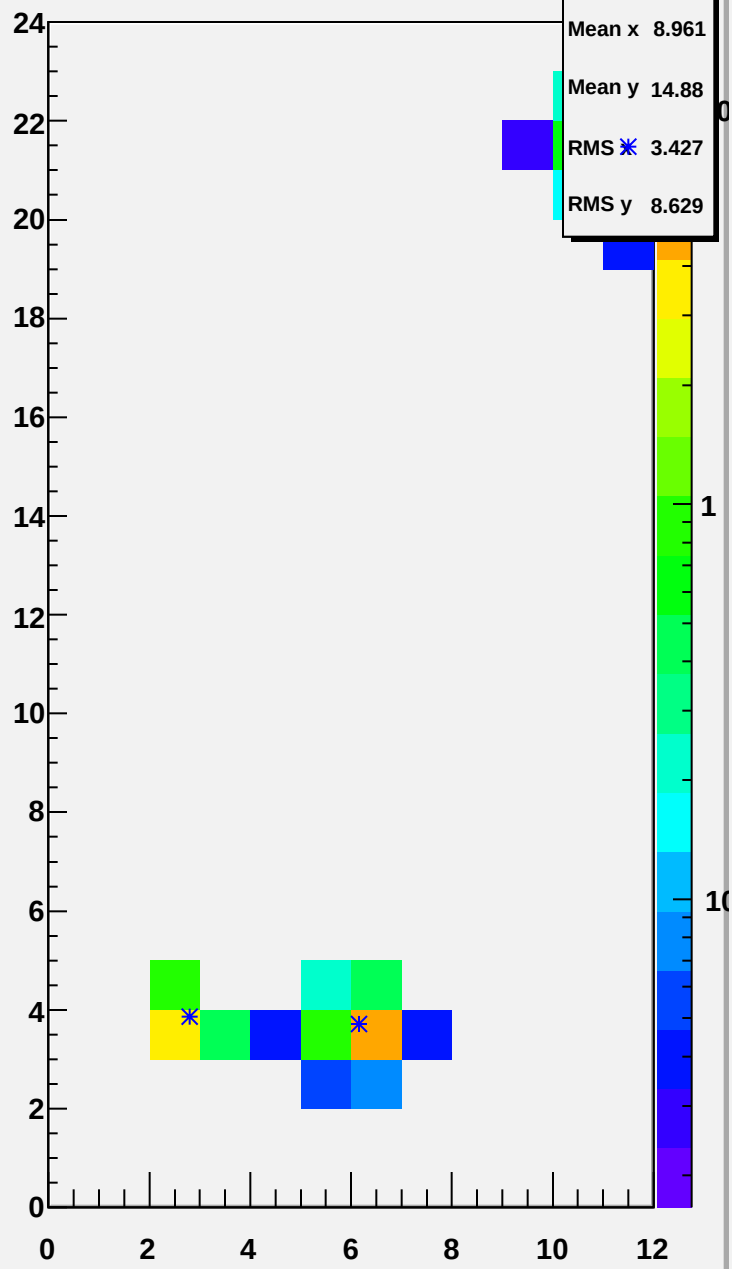
Efit

Entries	288
Mean x	2.351
Mean y	3.641
RMS x	0.5028
RMS y	0.5516

NSTB3_r4_c3_En=28.1_m0=0.105_m1=0.104_index=814



Fitted Energies



Efit

Entries 288

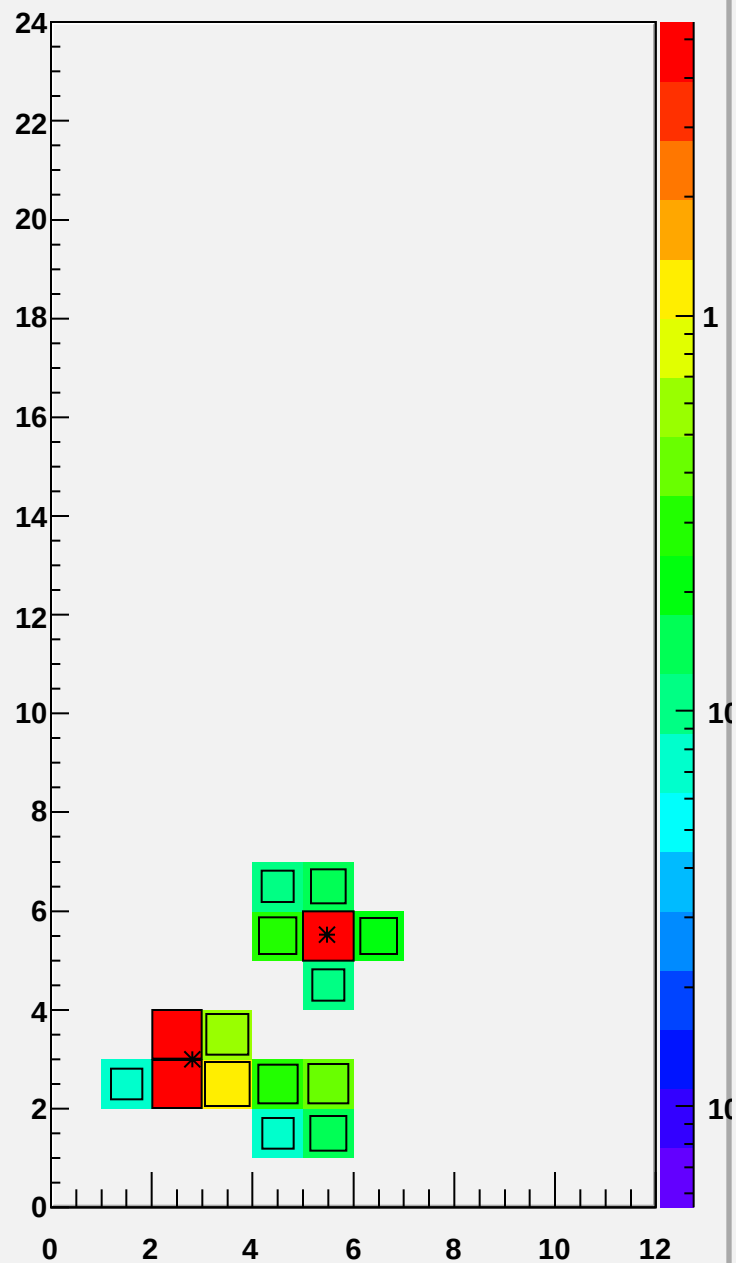
Mean x 8.961

Mean y 14.88

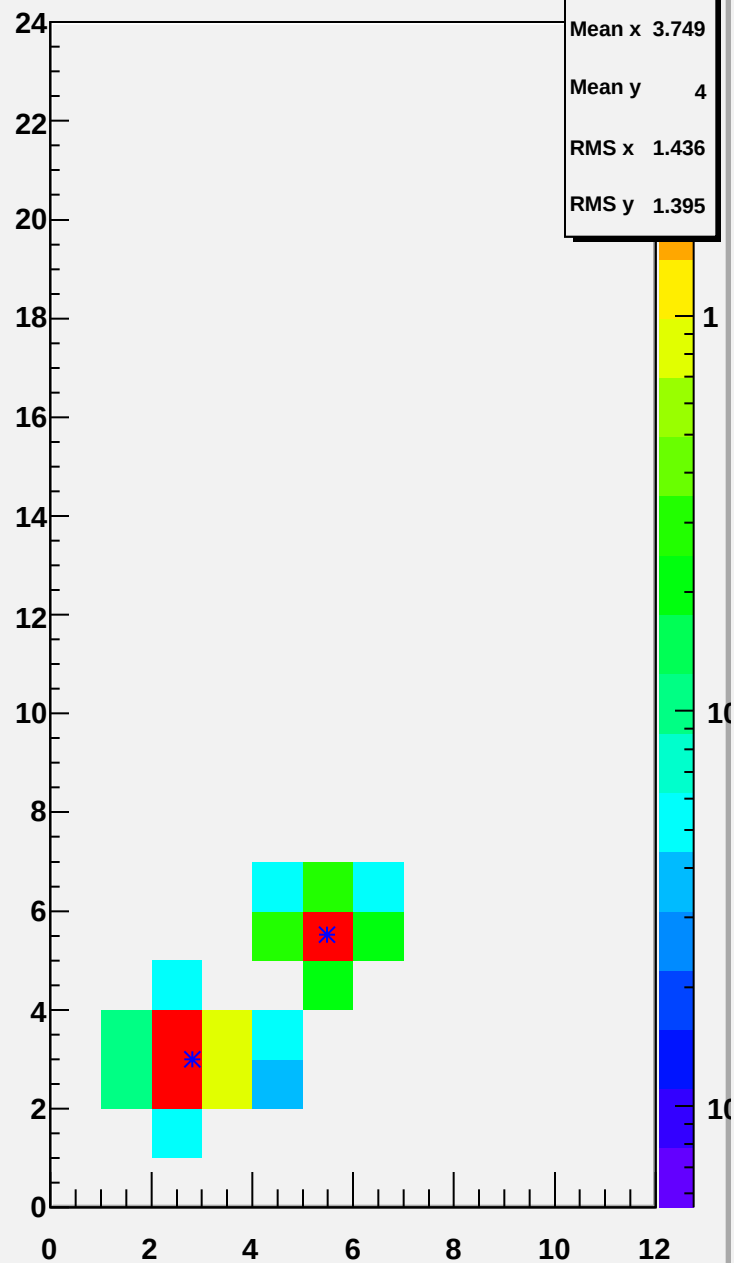
RMS 3.427

RMS y 8.629

NSTB3_r4_c3_En=17.7_m0=0.173_m1=0.174_index=815



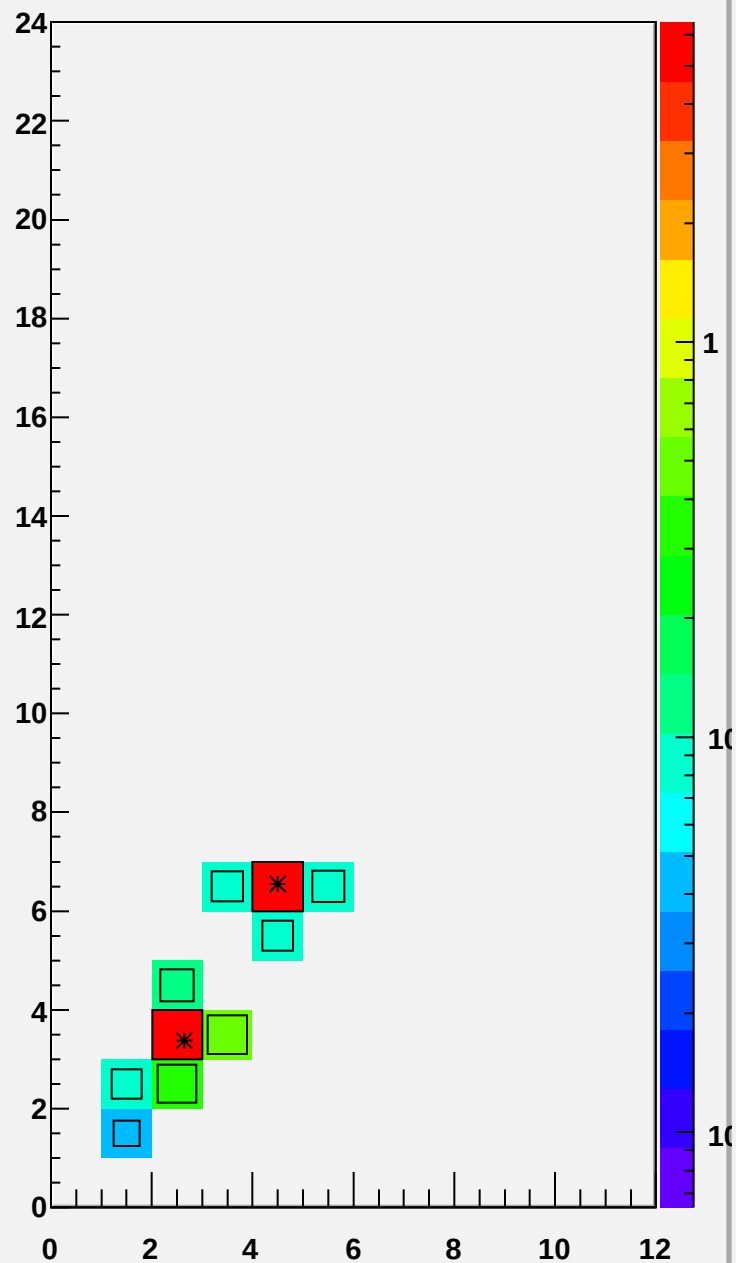
Fitted Energies



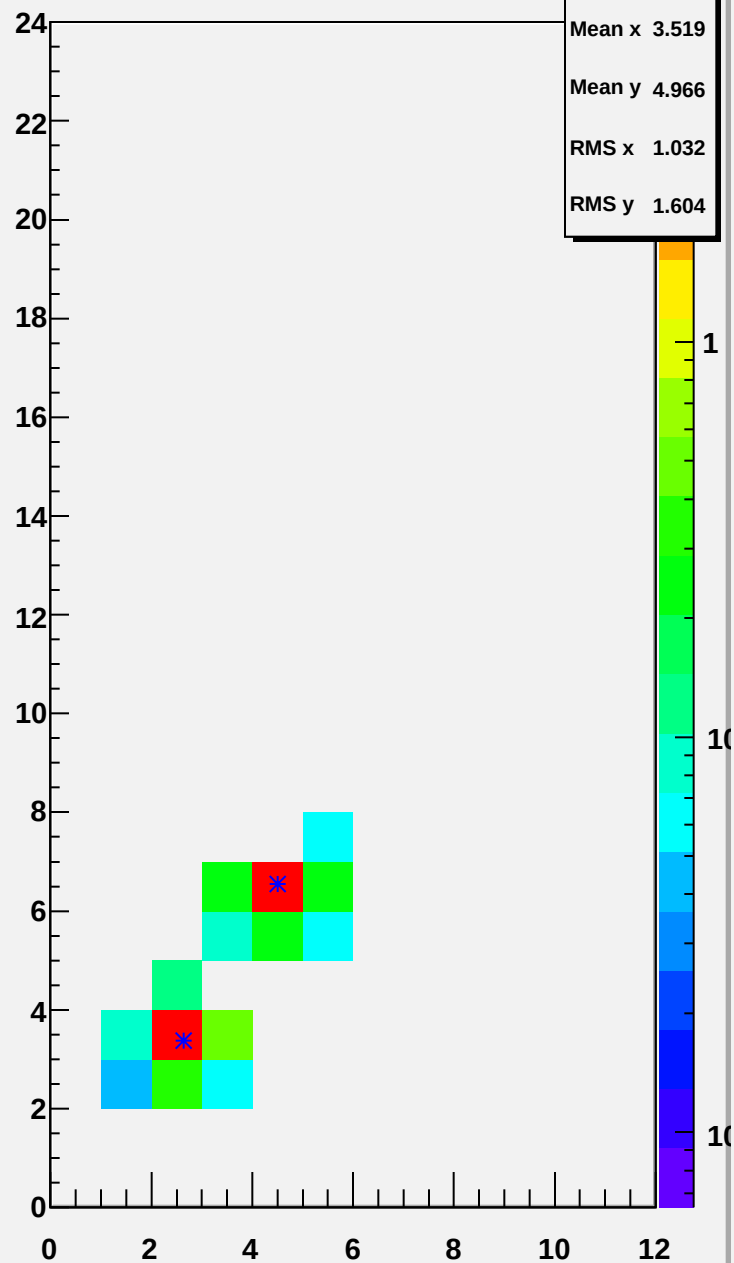
Efit

Entries 288
Mean x 3.749
Mean y 4
RMS x 1.436
RMS y 1.395

NSTB3_r4_c3_En=13.7_m0=0.150 m1=0.150 index=816



Fitted Energies



Efit

Entries 288

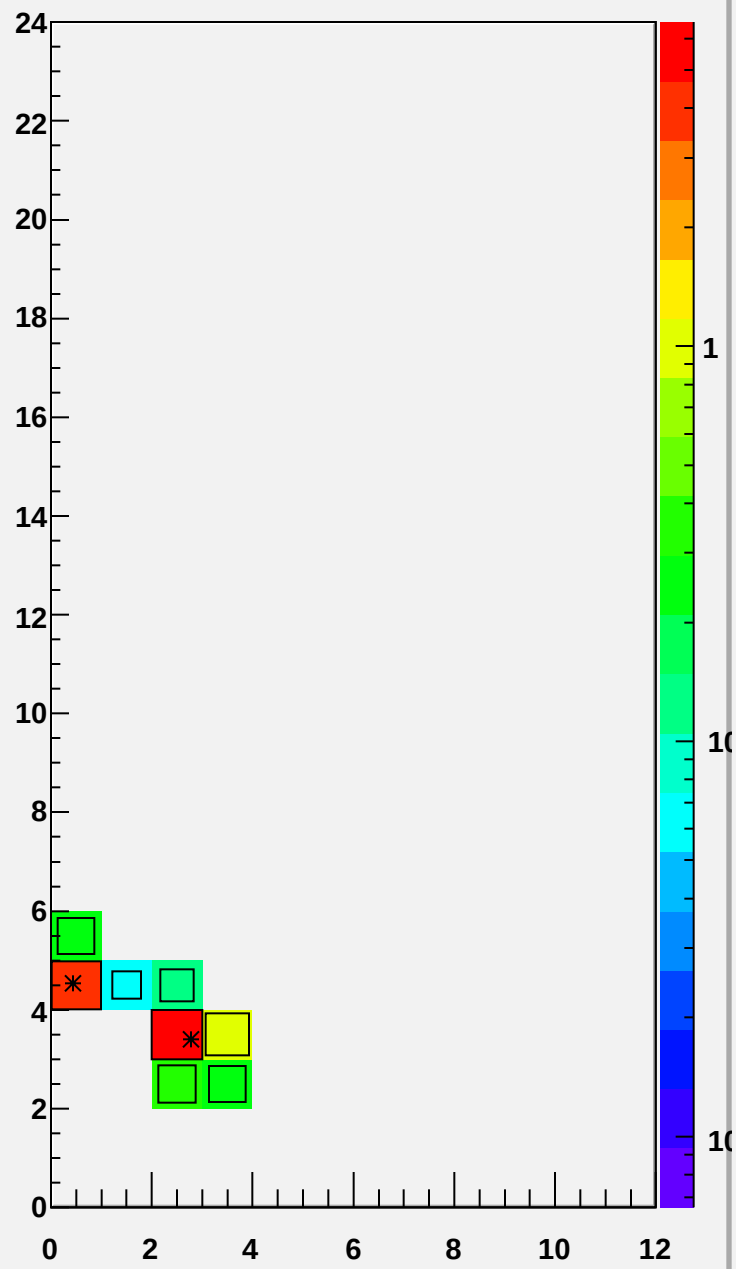
Mean x 3.519

Mean y 4.966

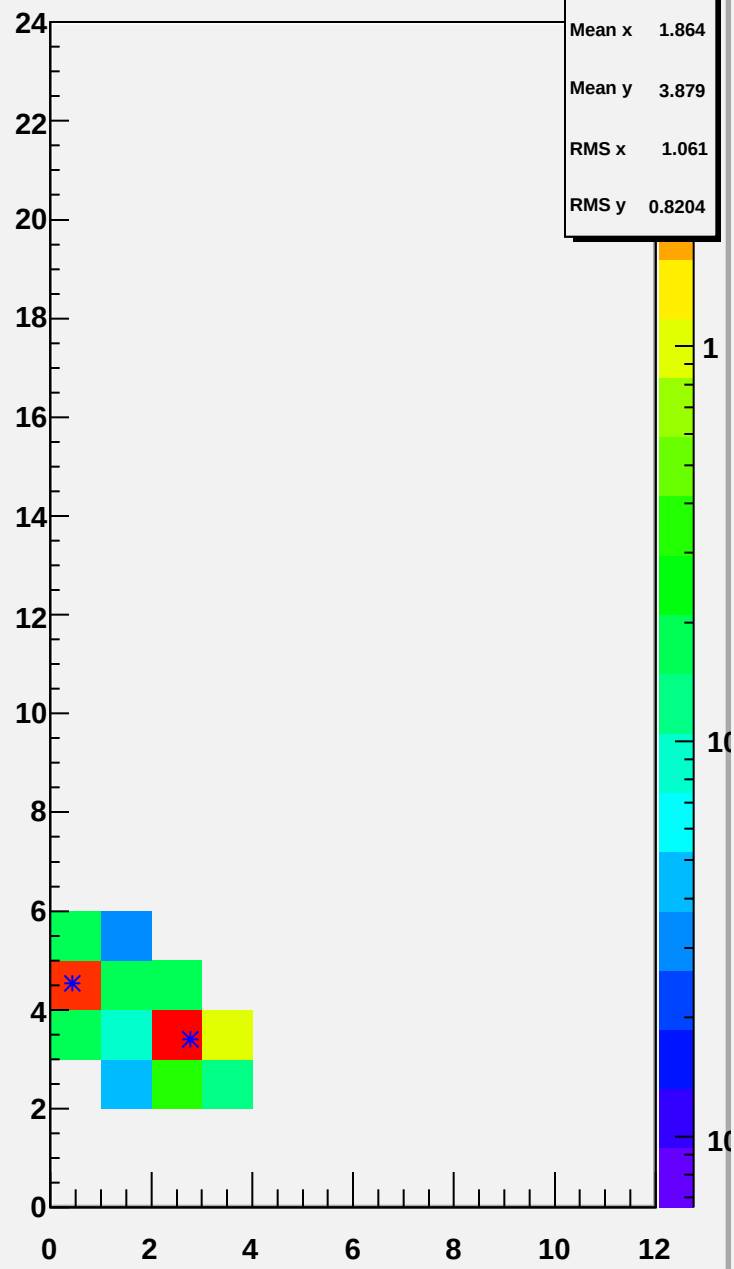
RMS x 1.032

RMS y 1.604

NSTB3_r4_c3_En=13.1_m0=0.097 m1=0.097 index=817



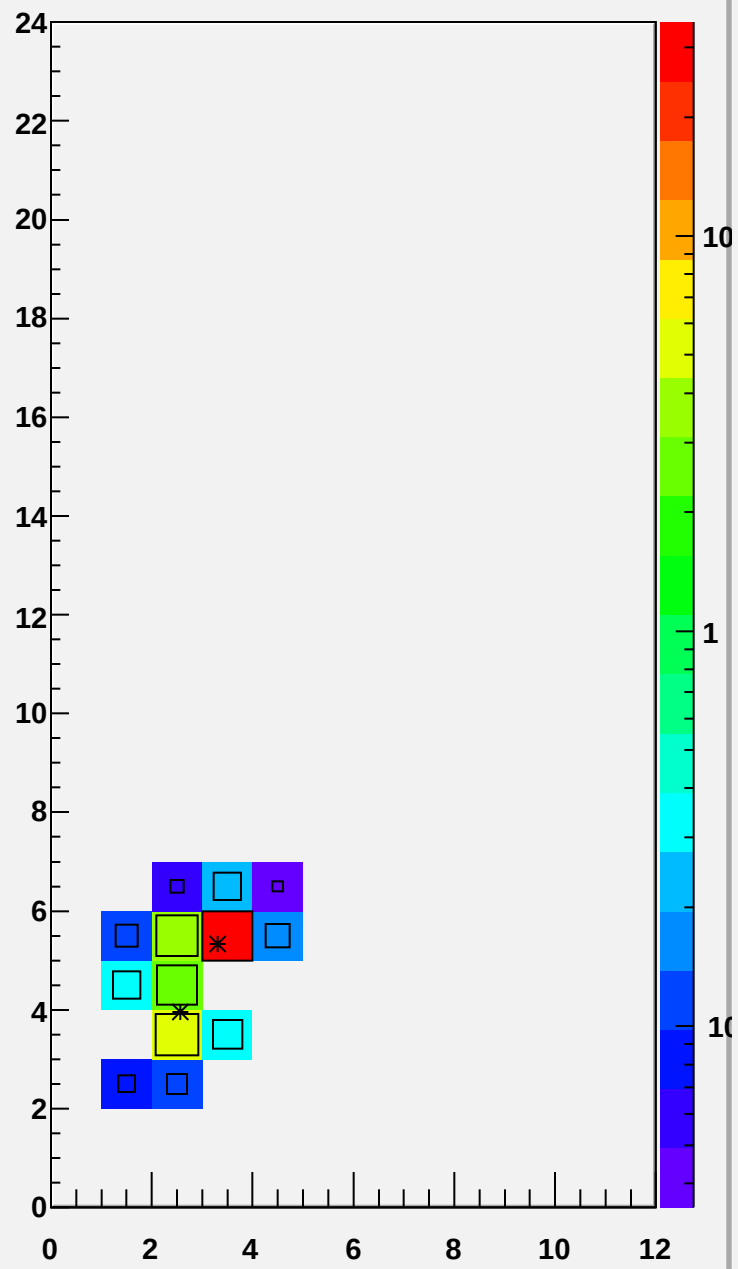
Fitted Energies



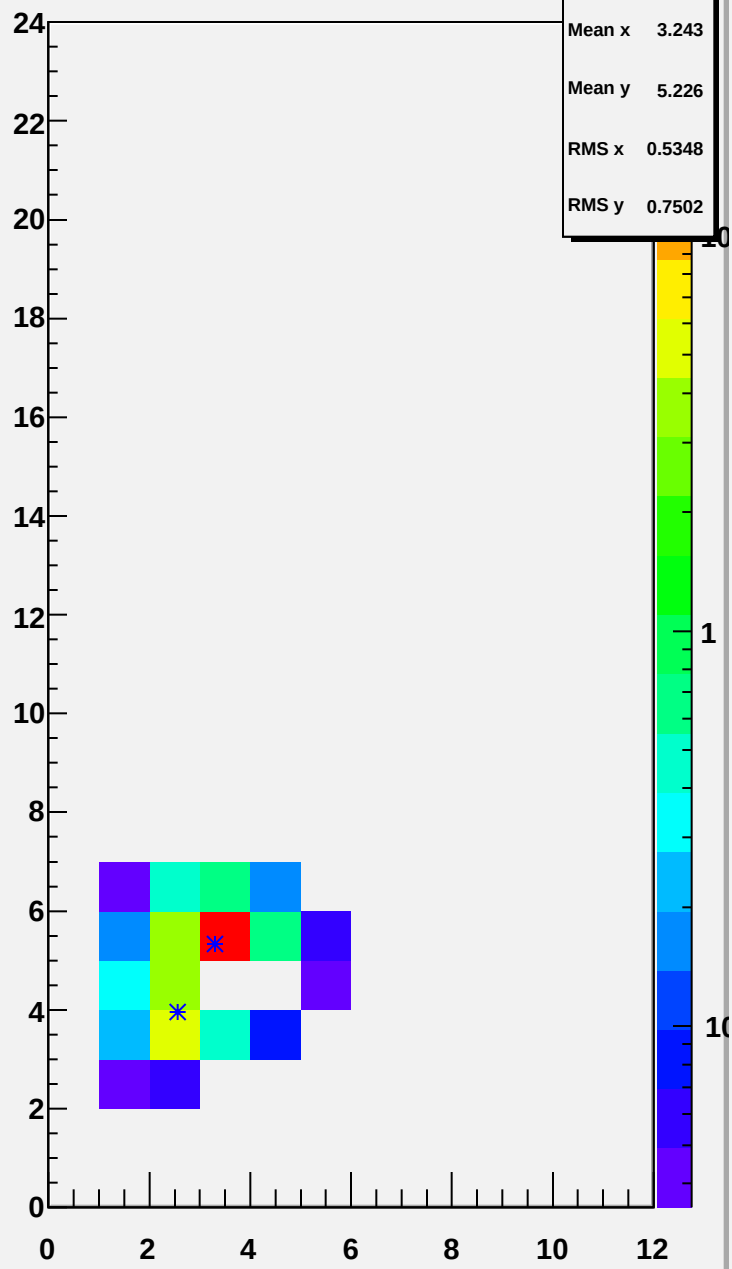
Efit

Entries	288
Mean x	1.864
Mean y	3.879
RMS x	1.061
RMS y	0.8204

NSTB3_r4_c3_En=47.3_m0=0.165 m1=0.166 index=819



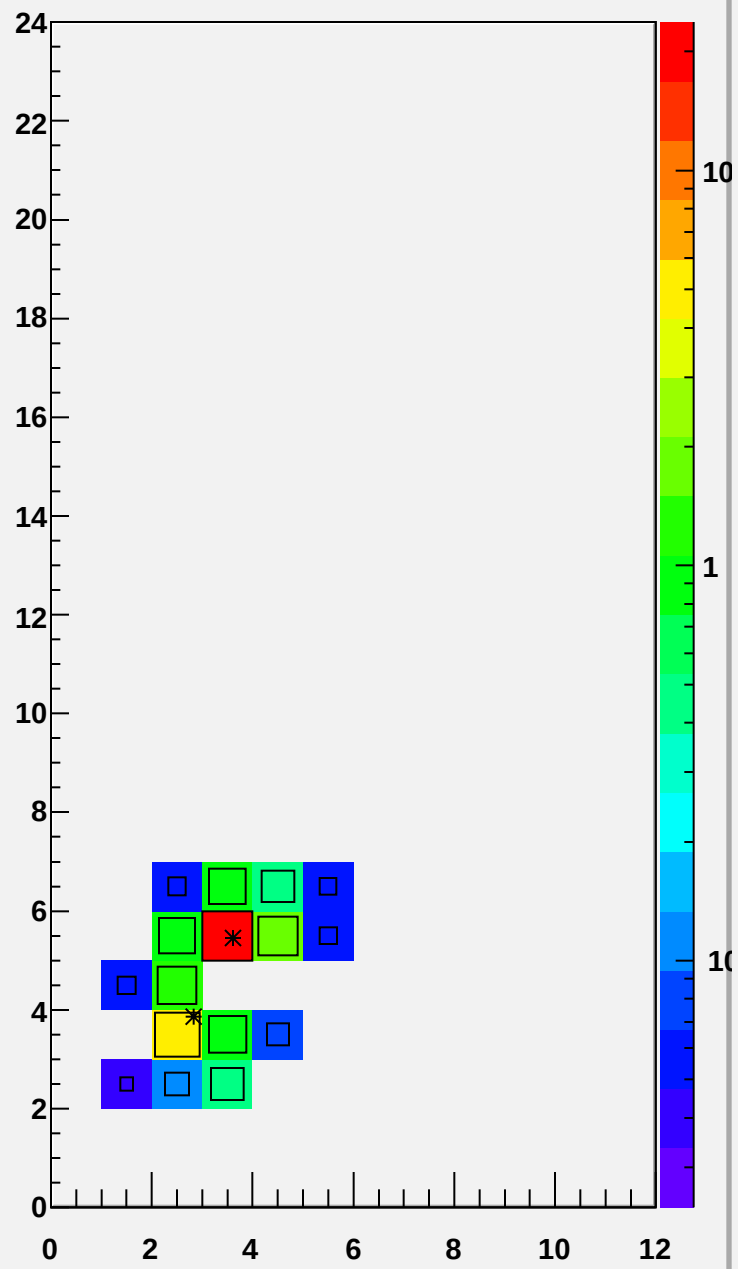
Fitted Energies



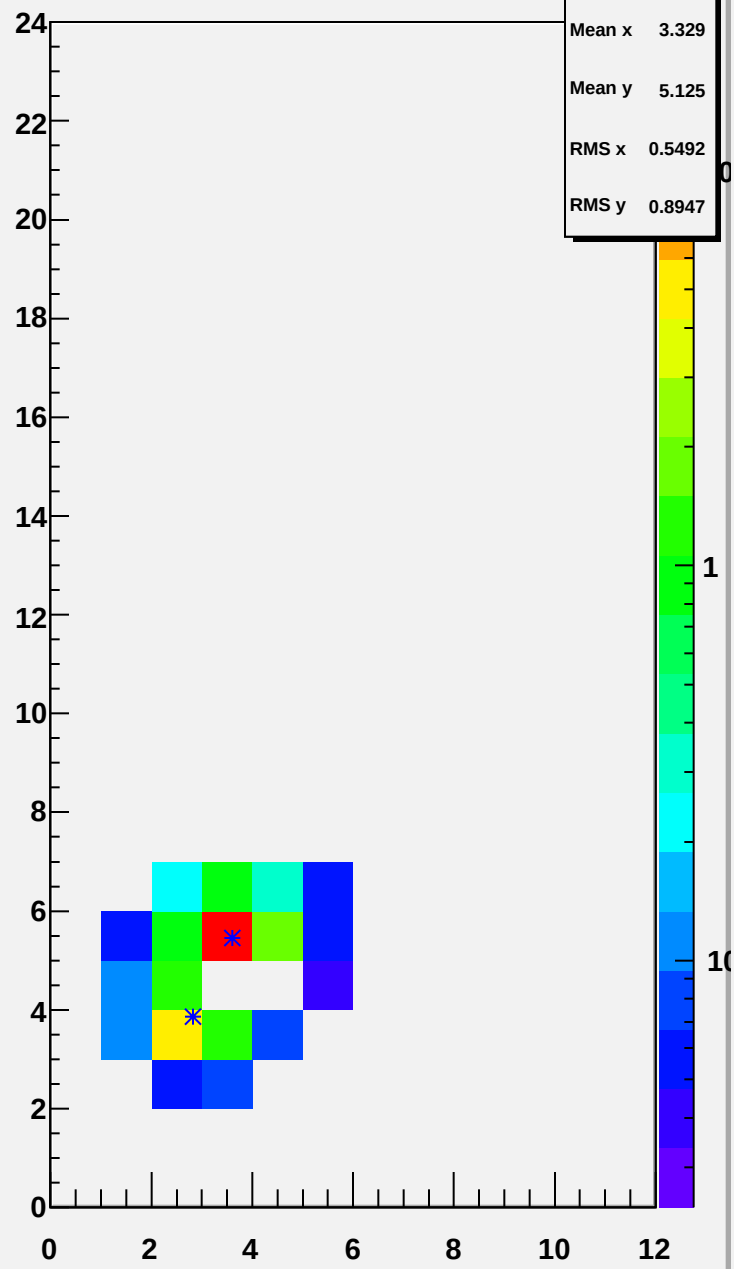
Efit

Entries	288
Mean x	3.243
Mean y	5.226
RMS x	0.5348
RMS y	0.7502

NSTB3_r4_c3_En=36.0_m0=0.156 m1=0.156 index=820



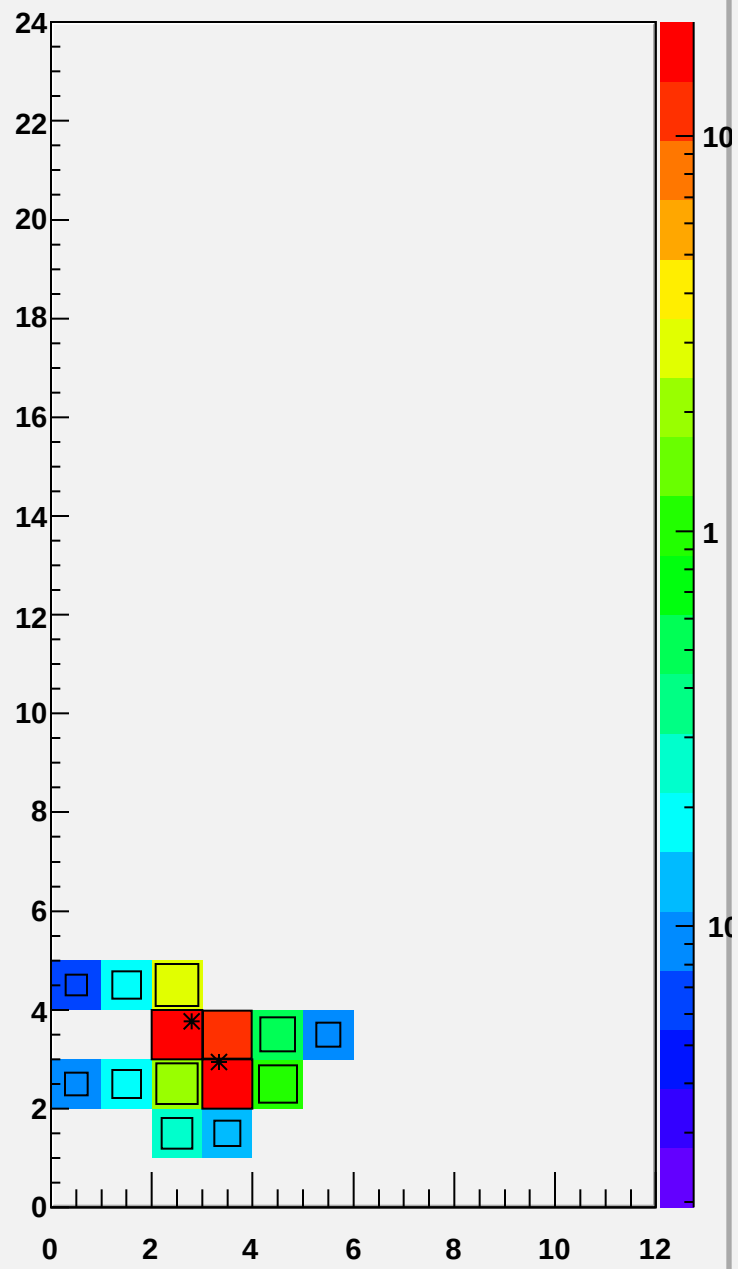
Fitted Energies



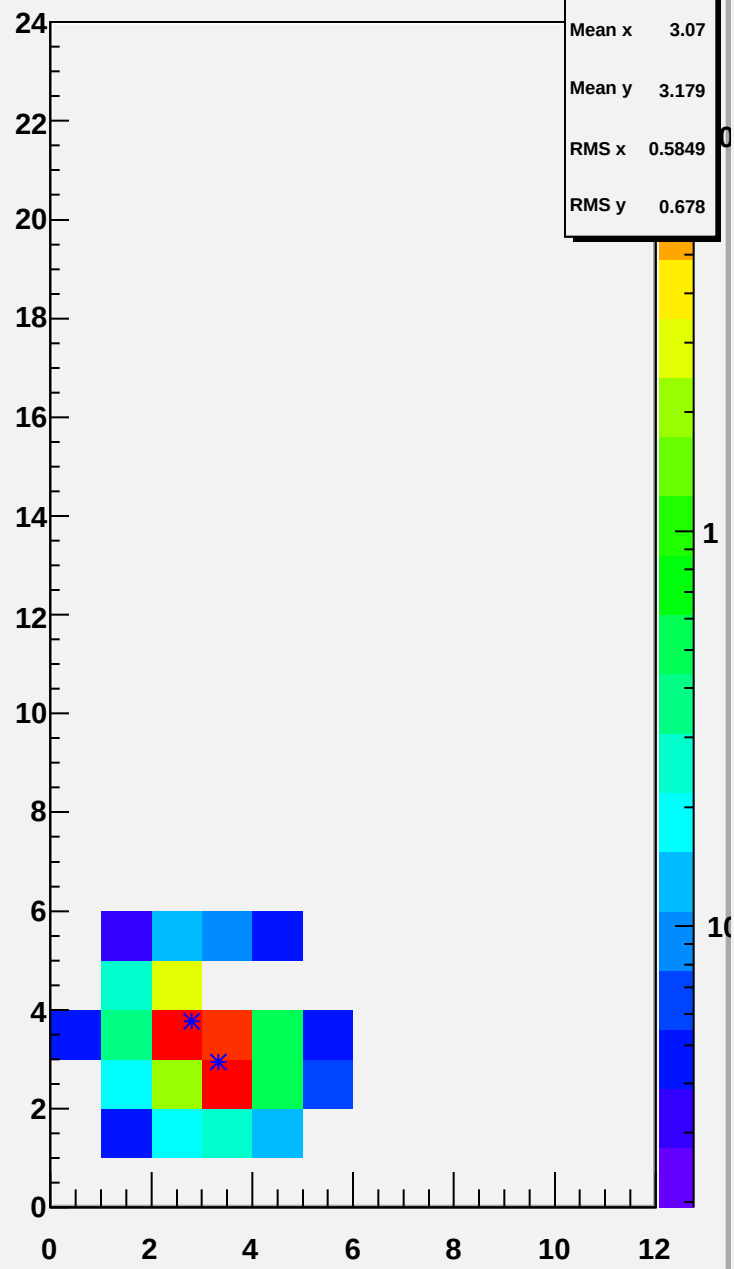
Efit

Entries	288
Mean x	3.329
Mean y	5.125
RMS x	0.5492
RMS y	0.8947

NSTB3_r4_c3_En=57.1_m0=0.158_m1=0.157_index=821



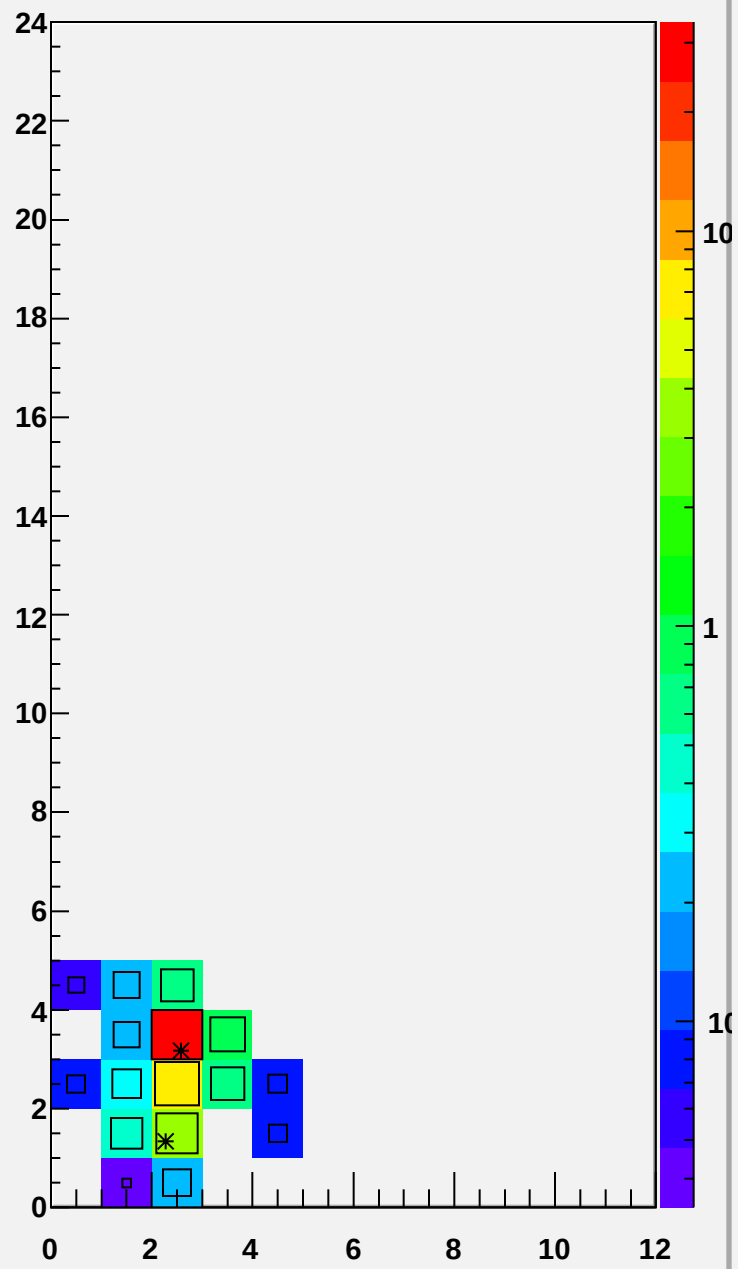
Fitted Energies



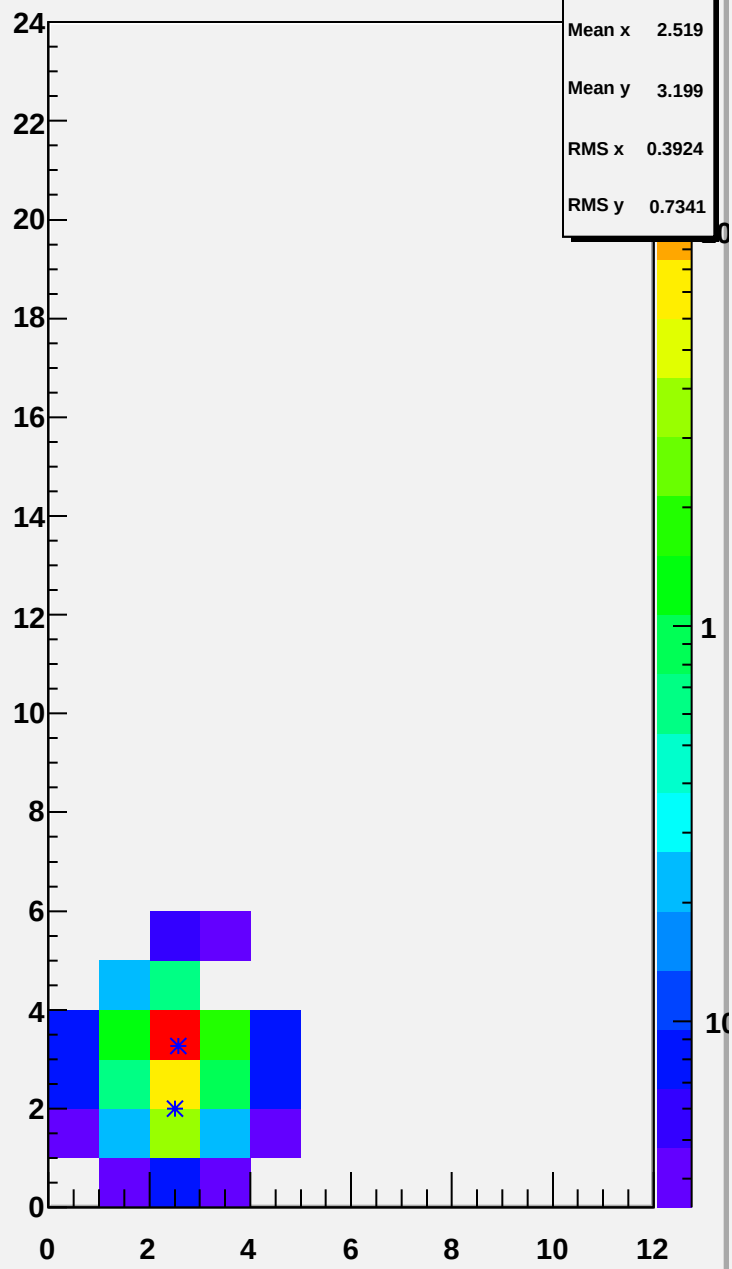
Efit

Entries	288
Mean x	3.07
Mean y	3.179
RMS x	0.5849
RMS y	0.678

NSTB3_r4_c3_En=48.1_m0=0.137_m1=0.119_index=822



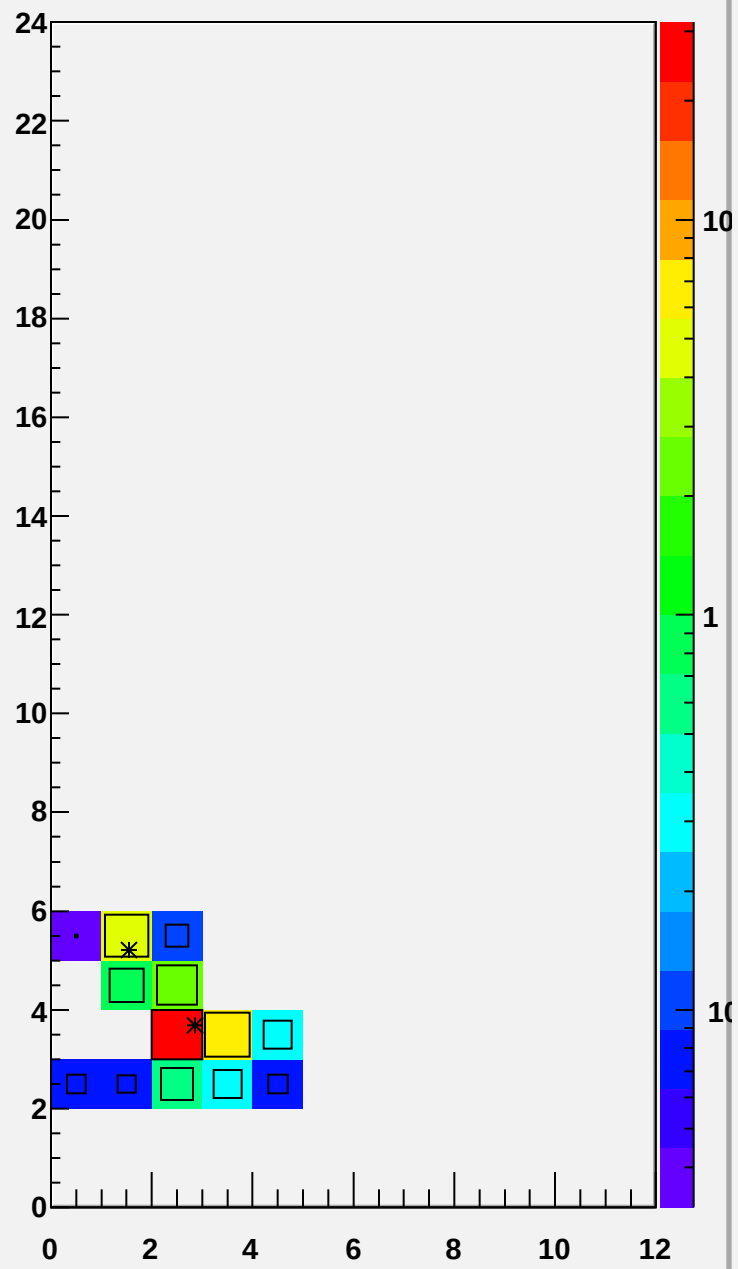
Fitted Energies



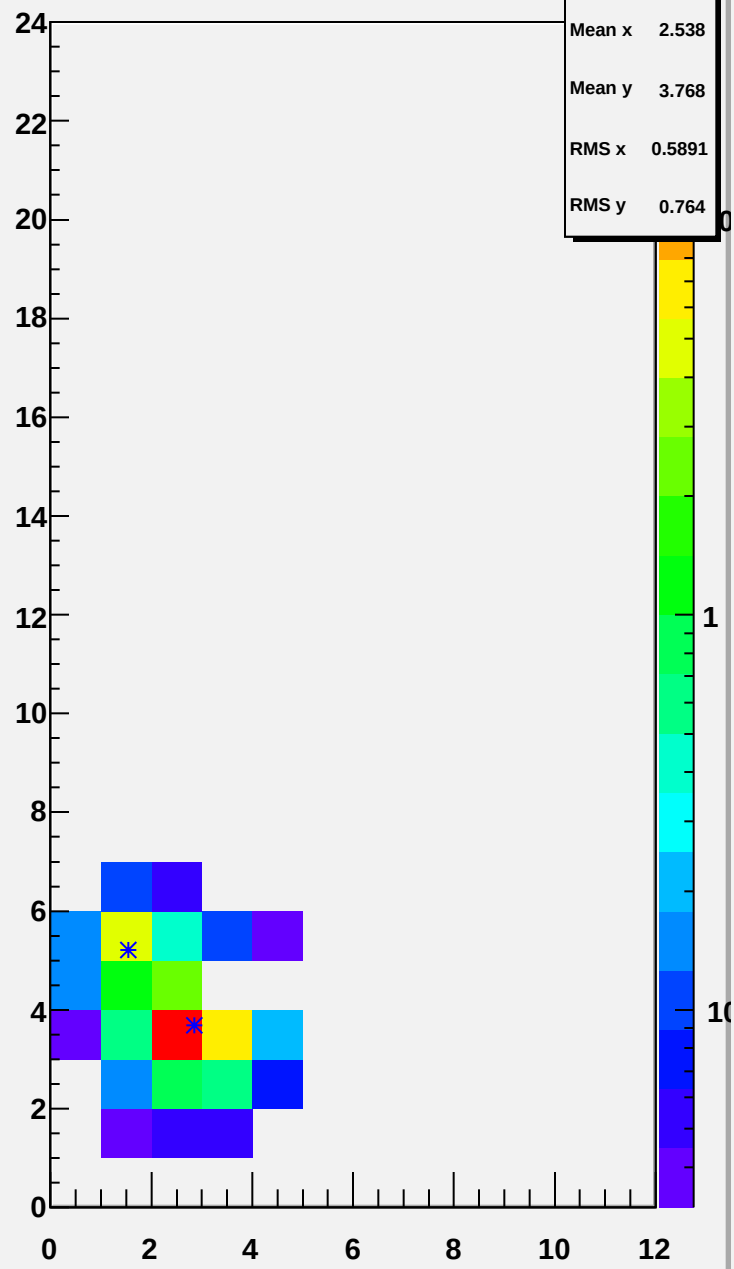
Efit

Entries	288
Mean x	2.519
Mean y	3.199
RMS x	0.3924
RMS y	0.7341

NSTB3_r4_c3_En=48.6_m0=0.184_m1=0.184_index=823



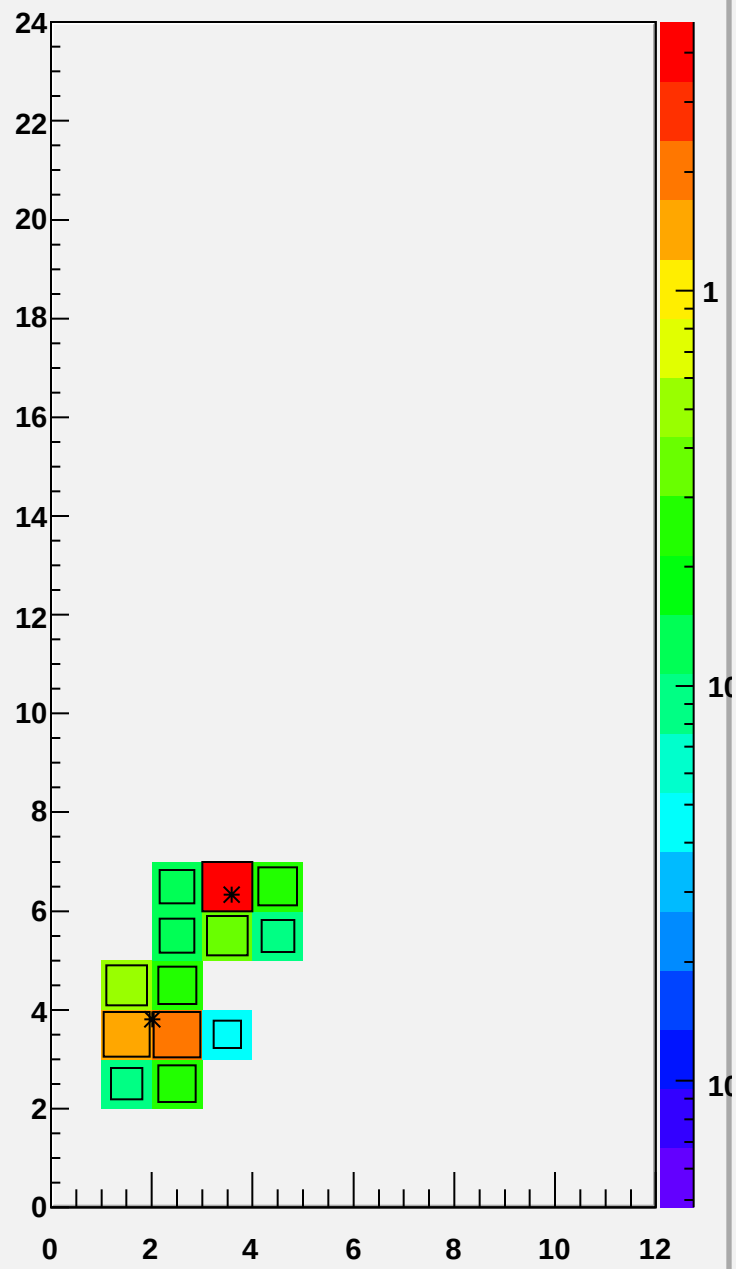
Fitted Energies



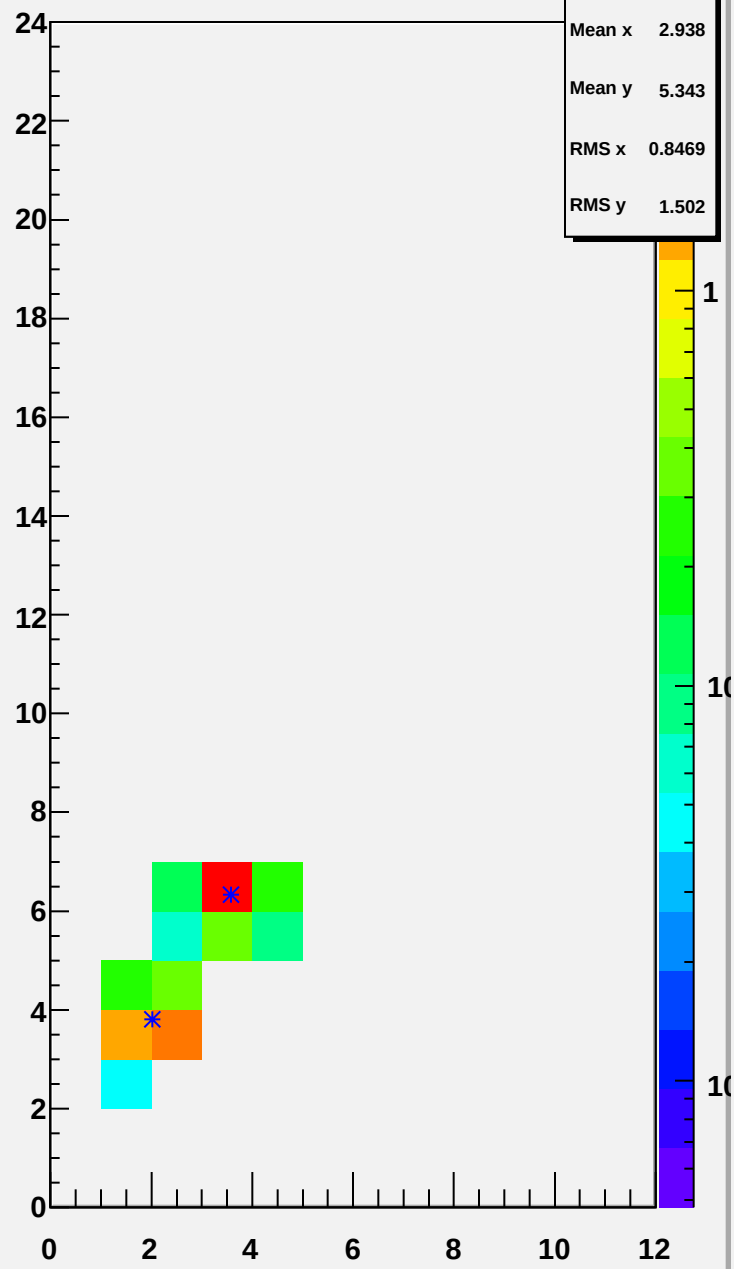
Efit

Entries	288
Mean x	2.538
Mean y	3.768
RMS x	0.5891
RMS y	0.764

NSTB3_r4_c3_En=10.0_m0=0.081 m1=0.081 index=824



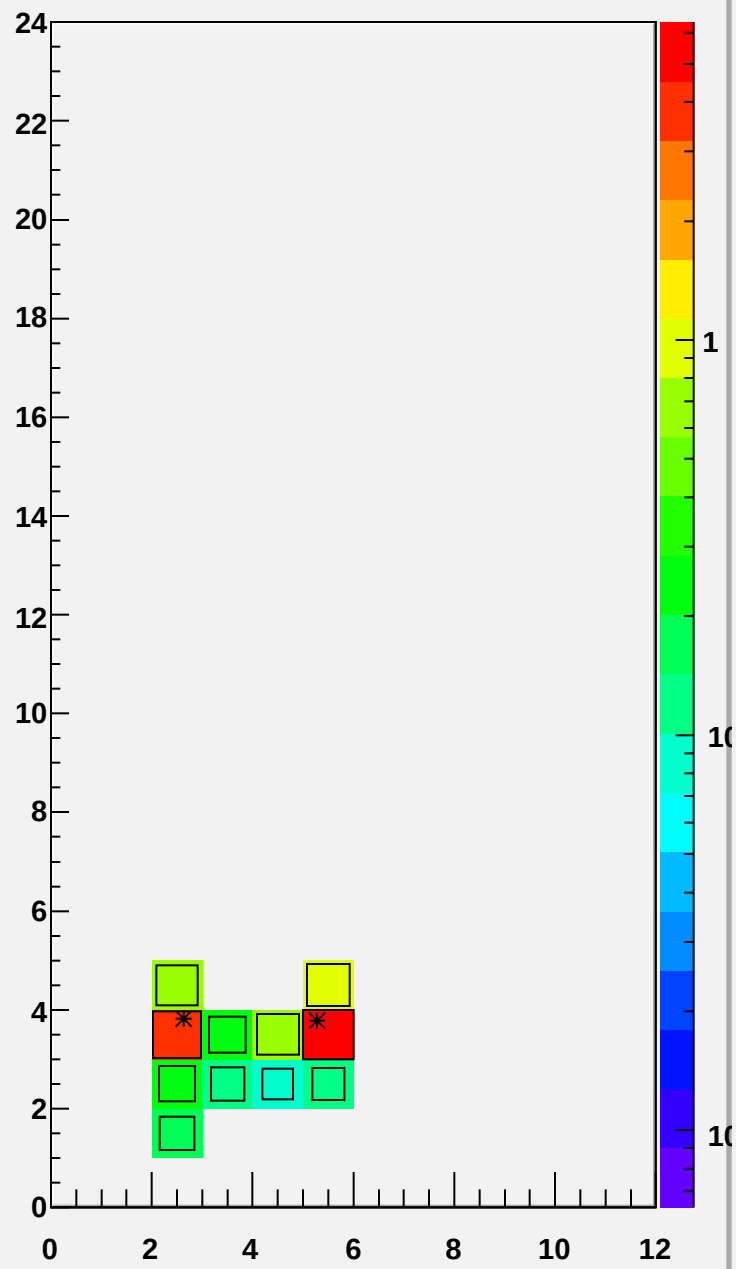
Fitted Energies



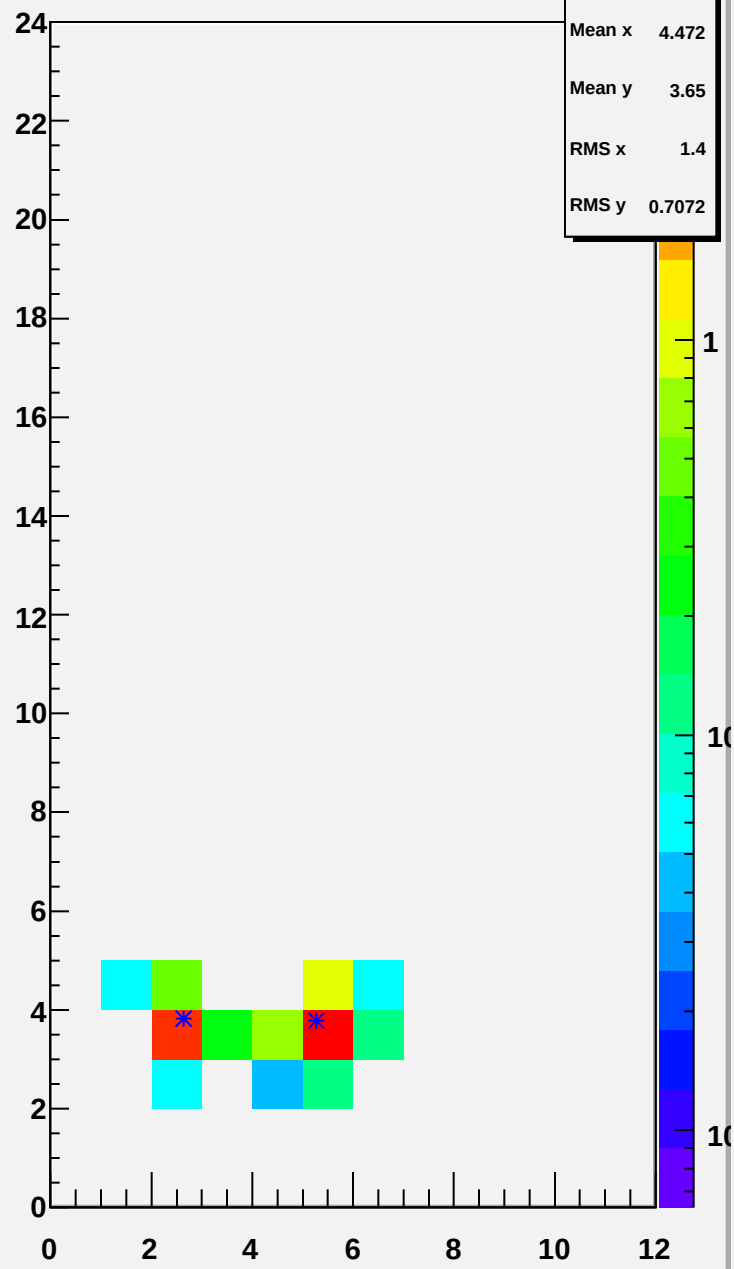
Efit

Entries	288
Mean x	2.938
Mean y	5.343
RMS x	0.8469
RMS y	1.502

NSTB3_r4_c3_En=12.8_m0=0.090 m1=0.090 index=825



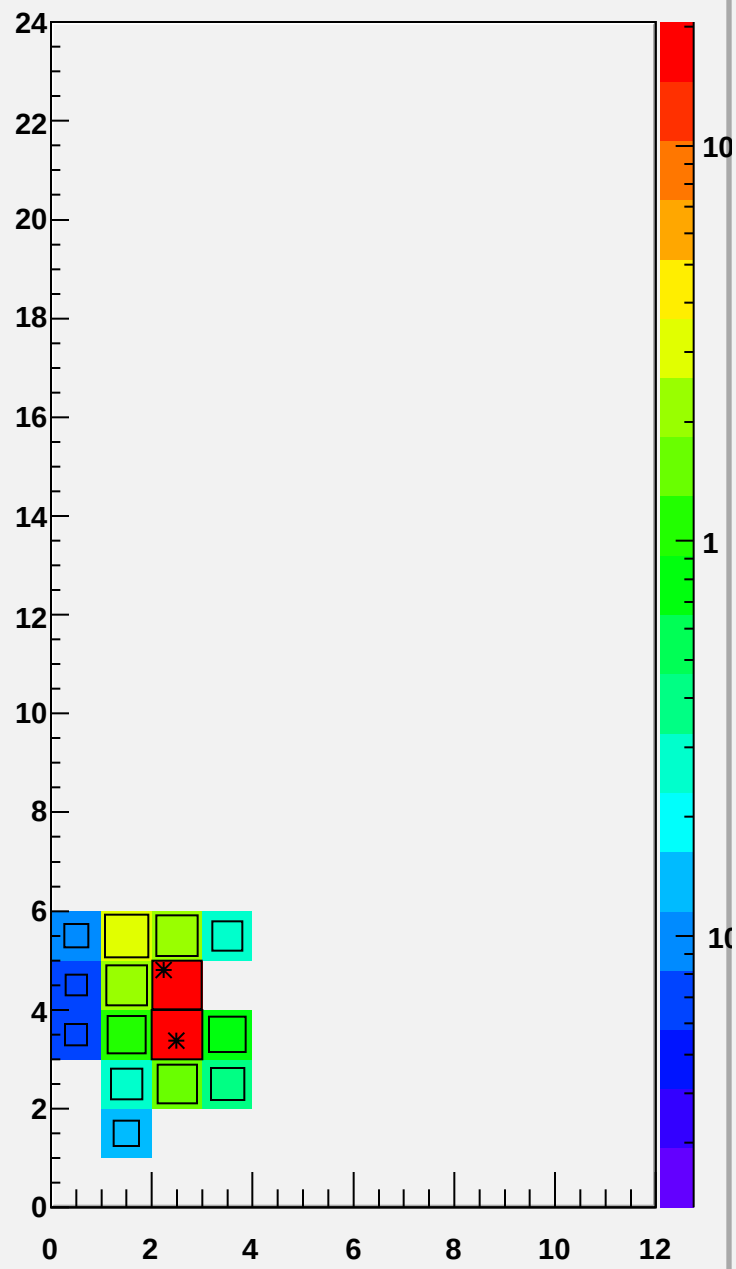
Fitted Energies



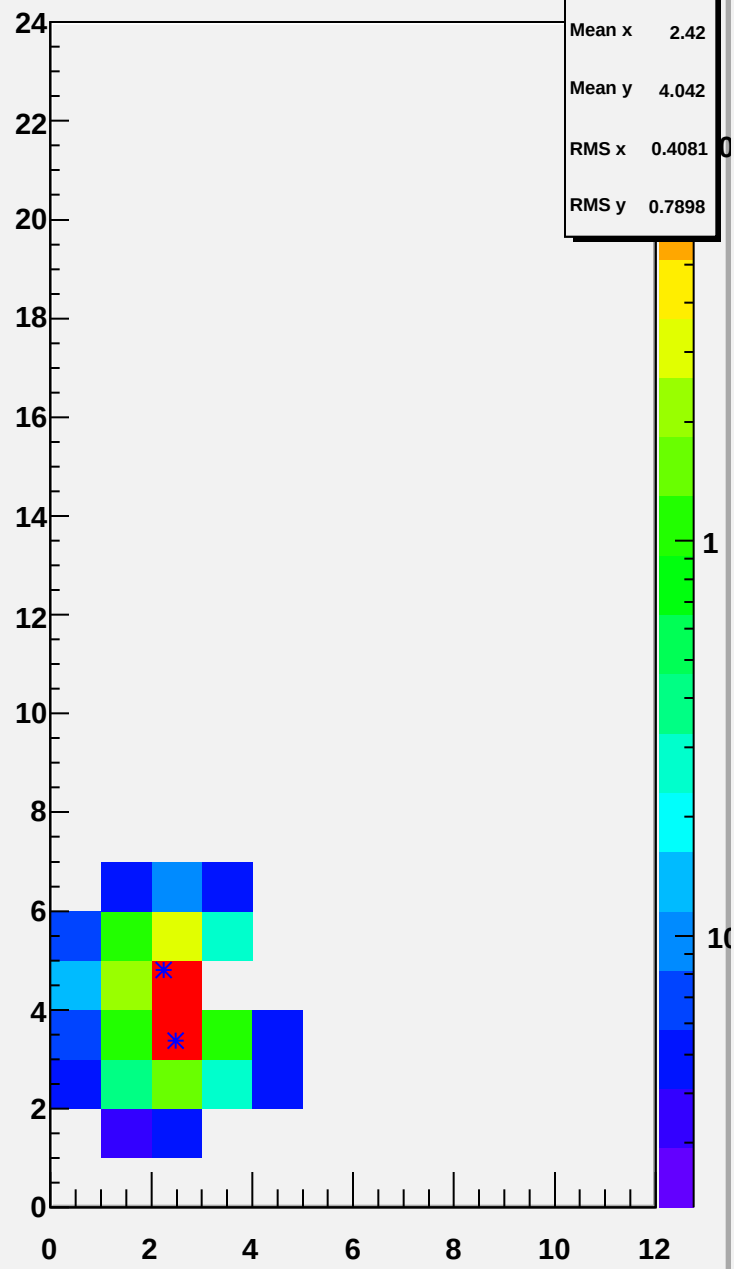
Efit

Entries	288
Mean x	4.472
Mean y	3.65
RMS x	1.4
RMS y	0.7072

NSTB3_r4_c3_En=50.0_m0=0.193 m1=0.193 index=826



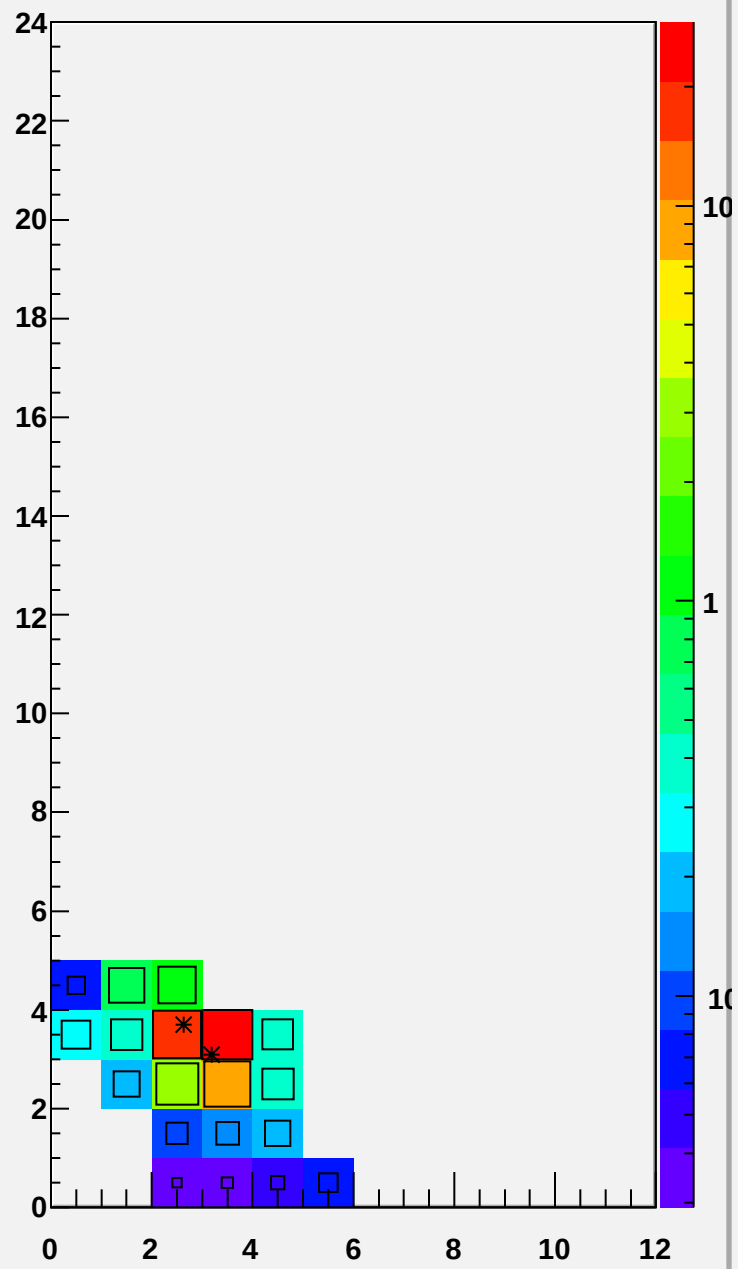
Fitted Energies



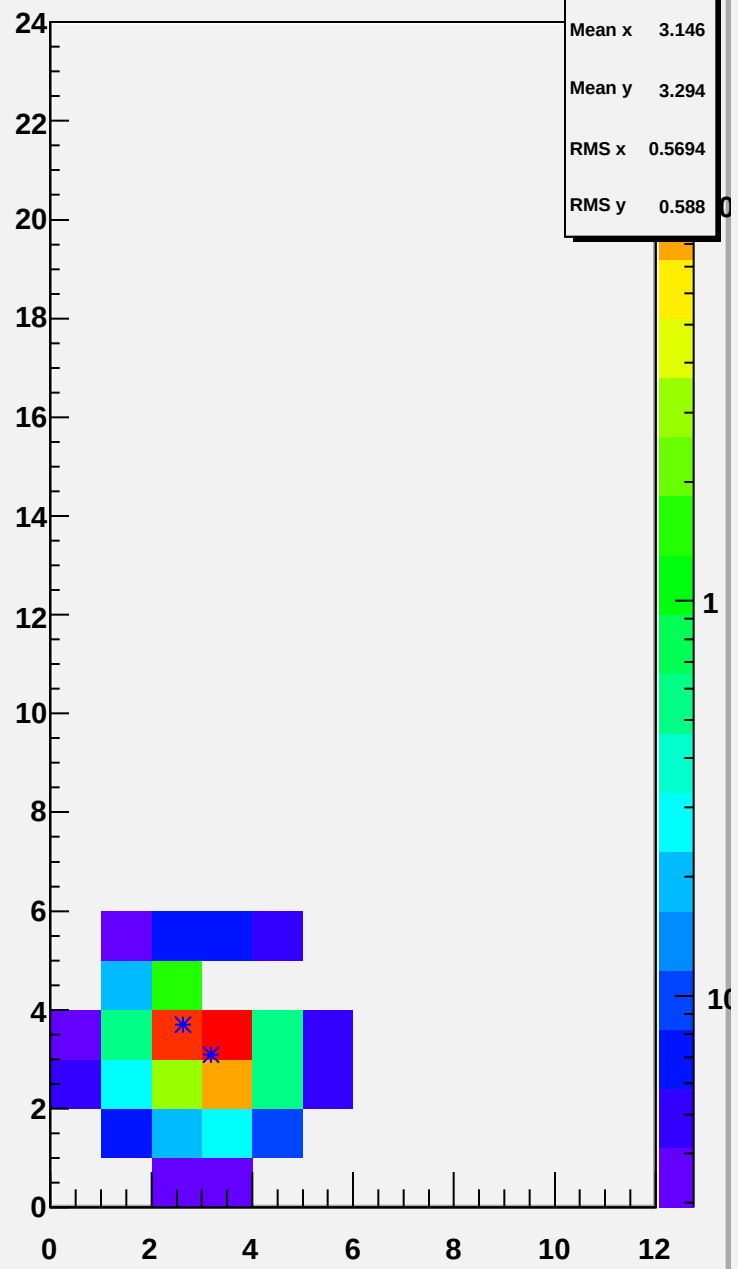
Efit

Entries	288
Mean x	2.42
Mean y	4.042
RMS x	0.4081
RMS y	0.7898

NSTB3_r4_c3_En=63.0_m0=0.117 m1=0.117 index=827



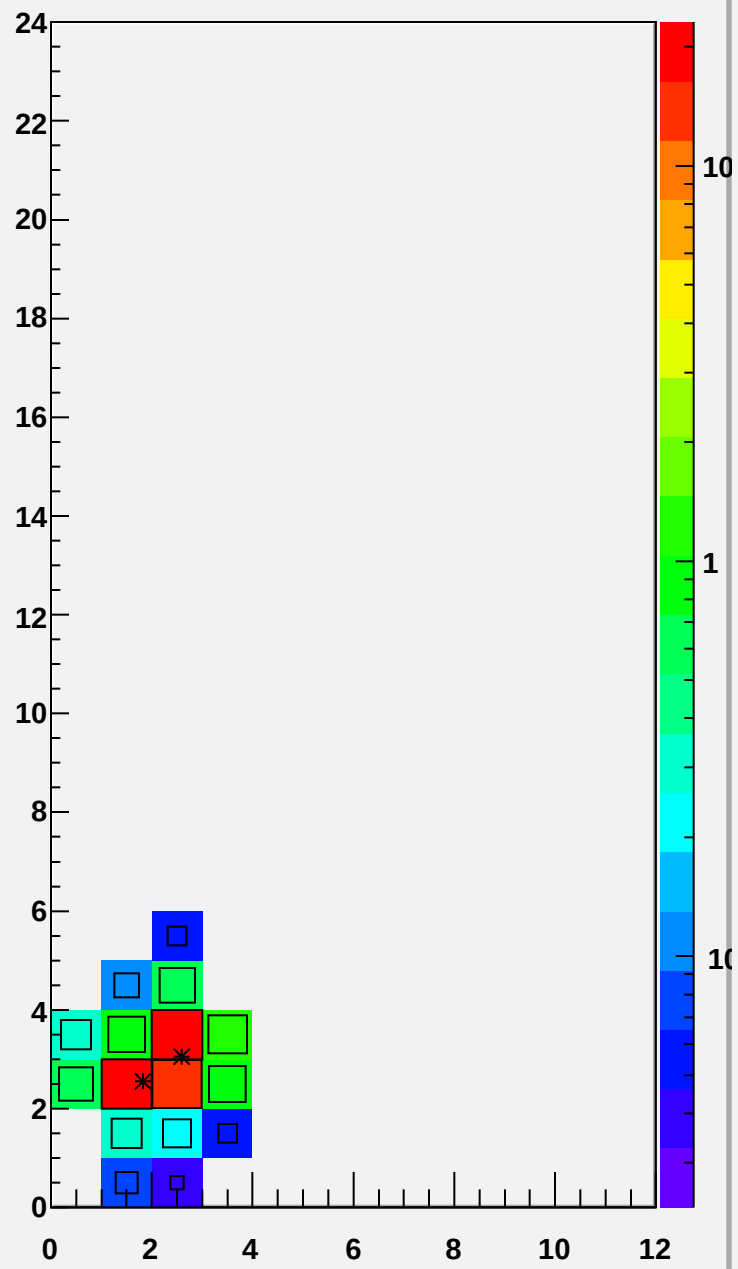
Fitted Energies



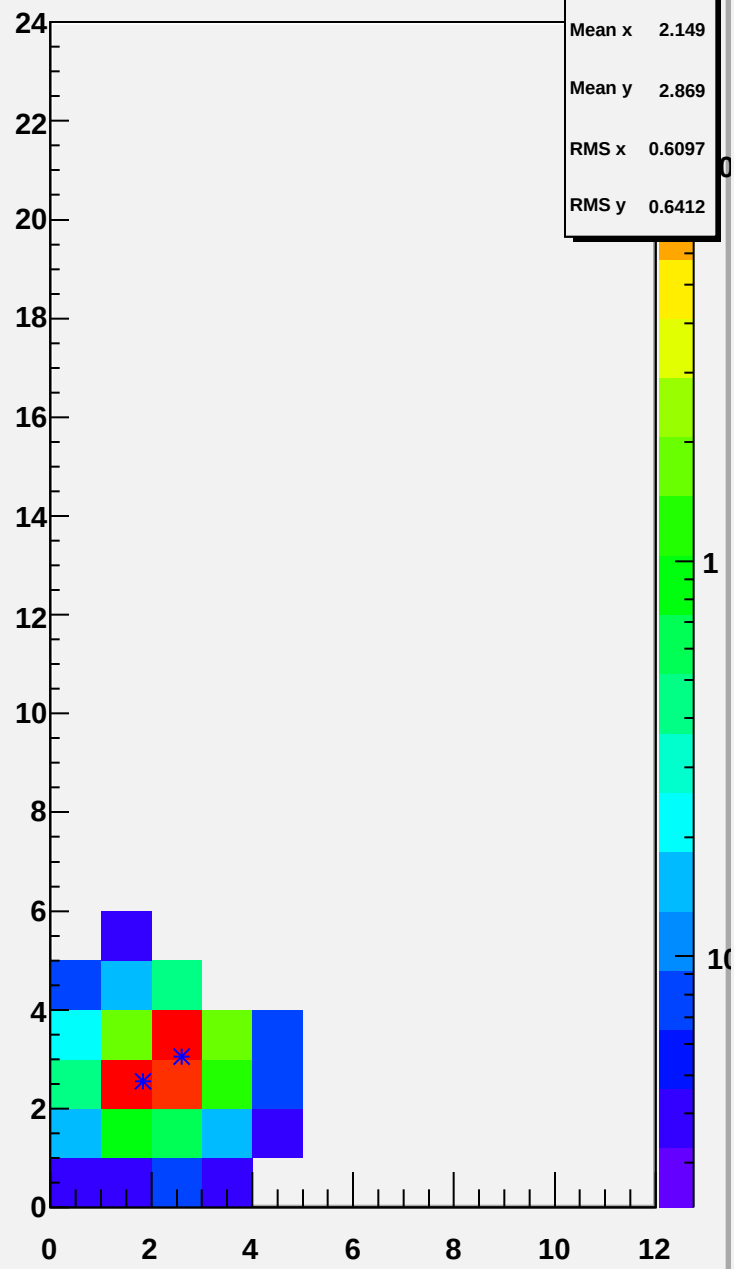
Efit

Entries	288
Mean x	3.146
Mean y	3.294
RMS x	0.5694
RMS y	0.588

NSTB3_r4_c3_En=65.5_m0=0.163 m1=0.163 index=828



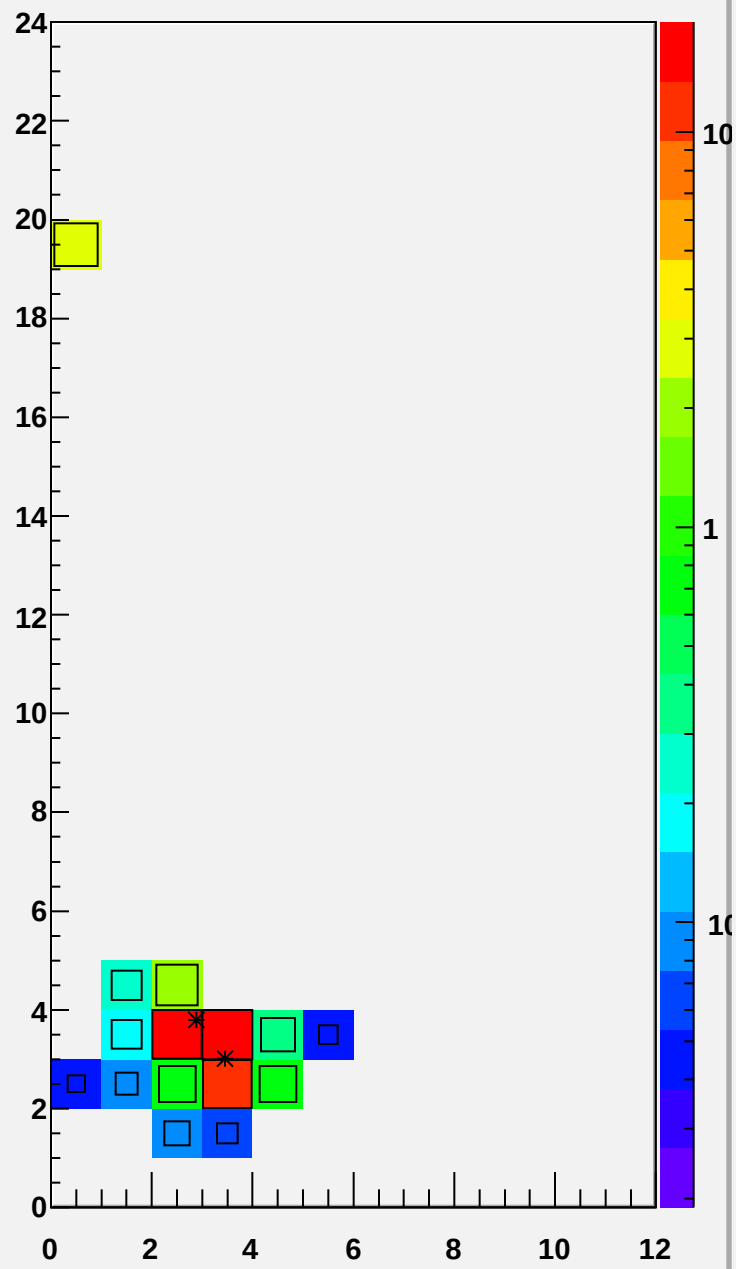
Fitted Energies



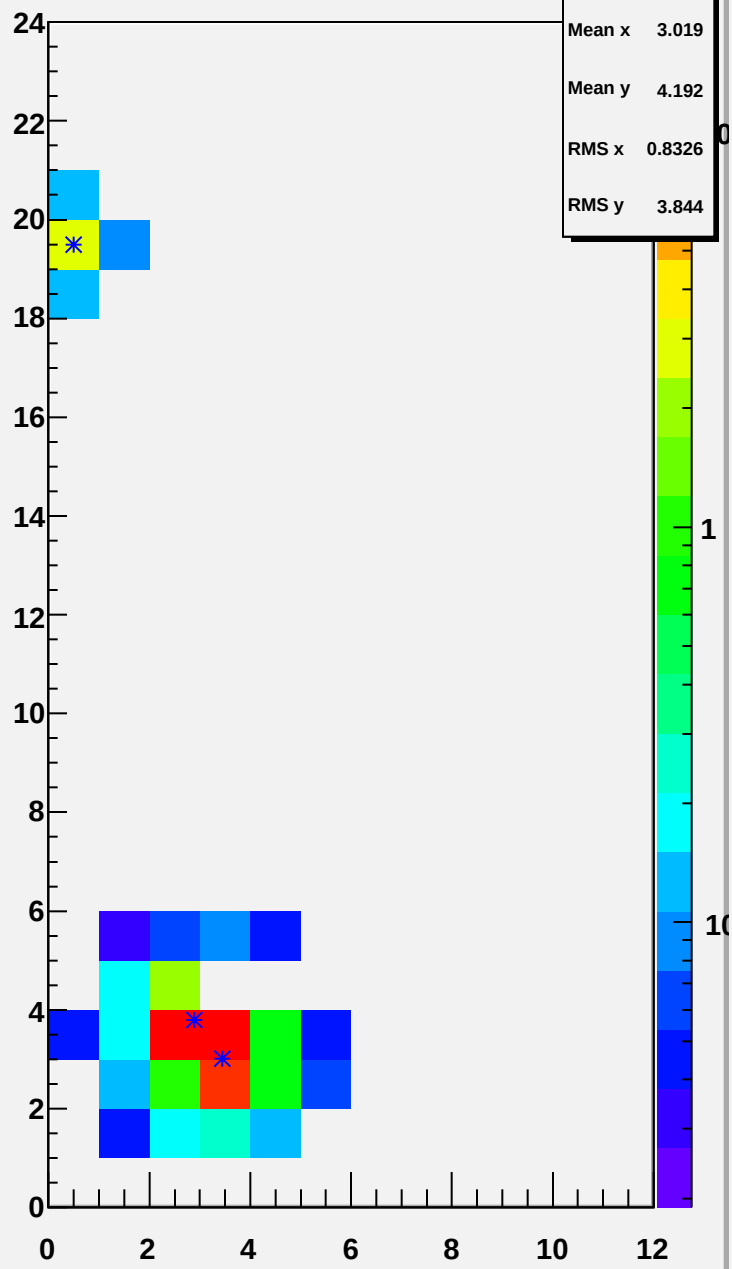
Efit

Entries	288
Mean x	2.149
Mean y	2.869
RMS x	0.6097
RMS y	0.6412

NSTB3_r4_c3_En=54.8_m0=0.140_m1=0.140_index=829



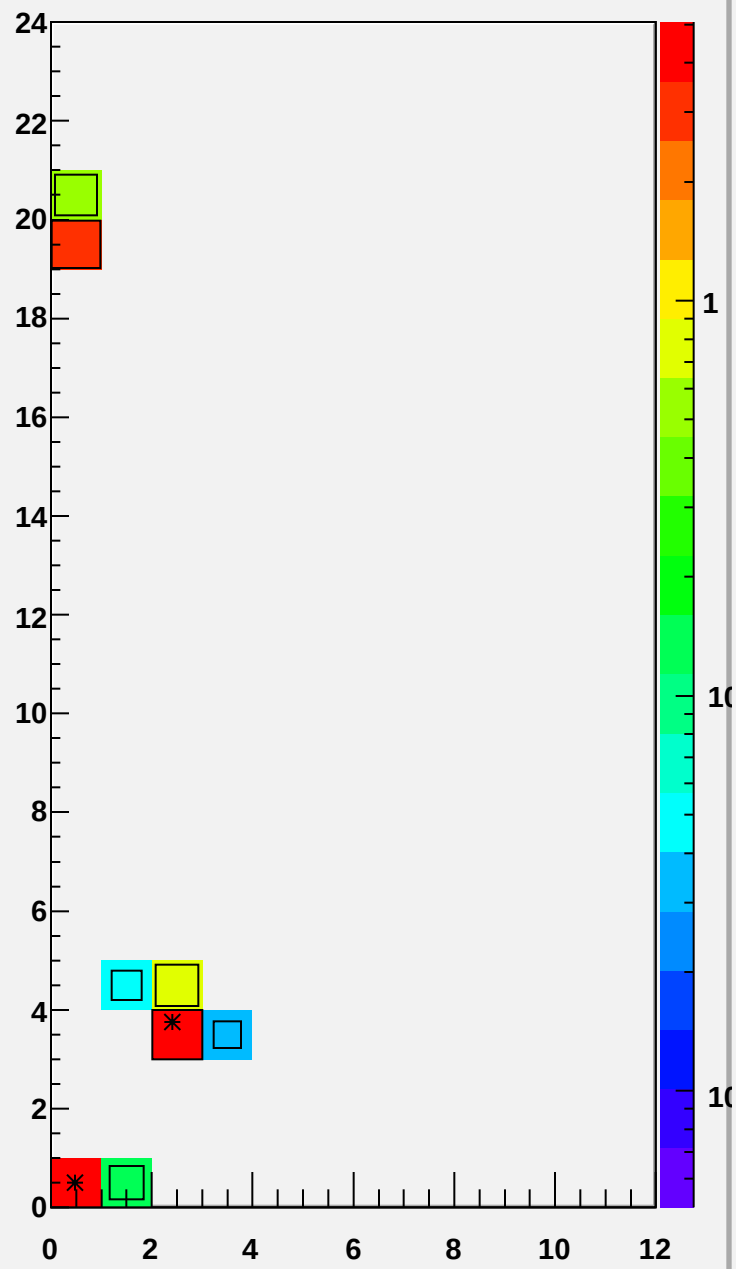
Fitted Energies



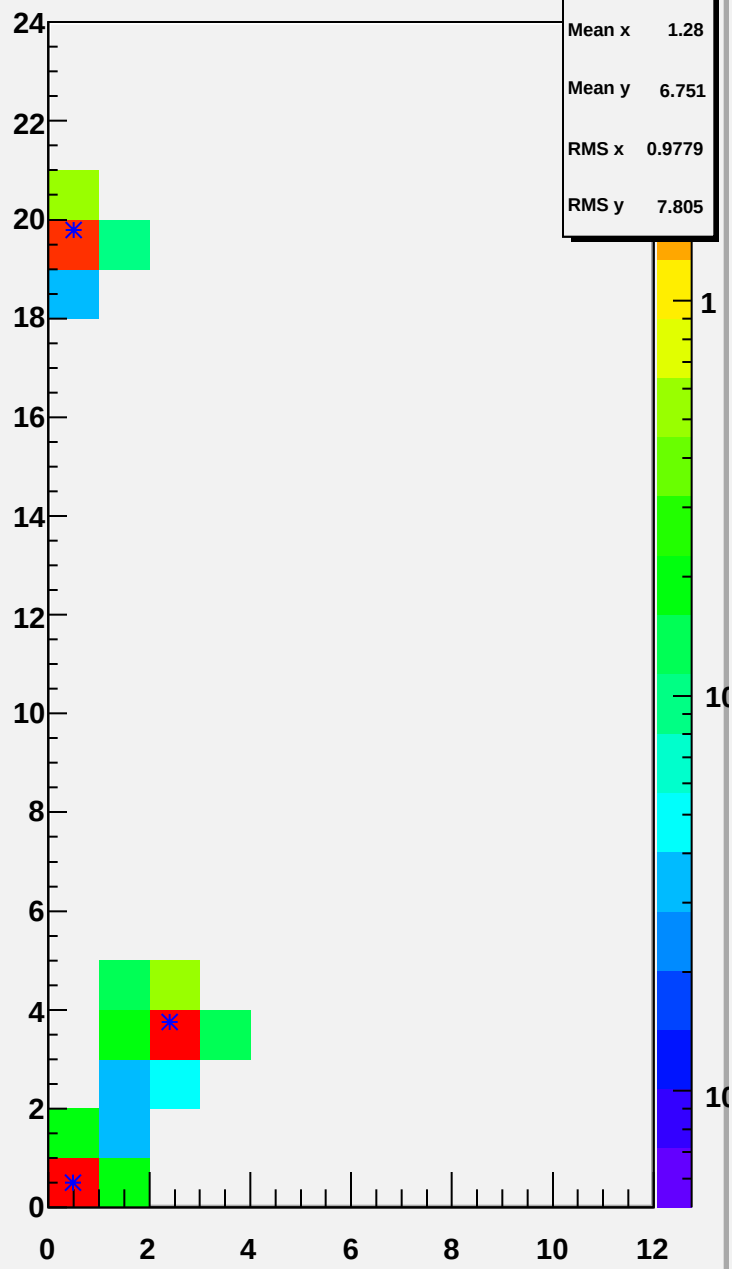
Efit

Entries	288
Mean x	3.019
Mean y	4.192
RMS x	0.8326
RMS y	3.844

NSTB3_r4_c3_En=14.4_m0=0.121 m1=0.121 index=830



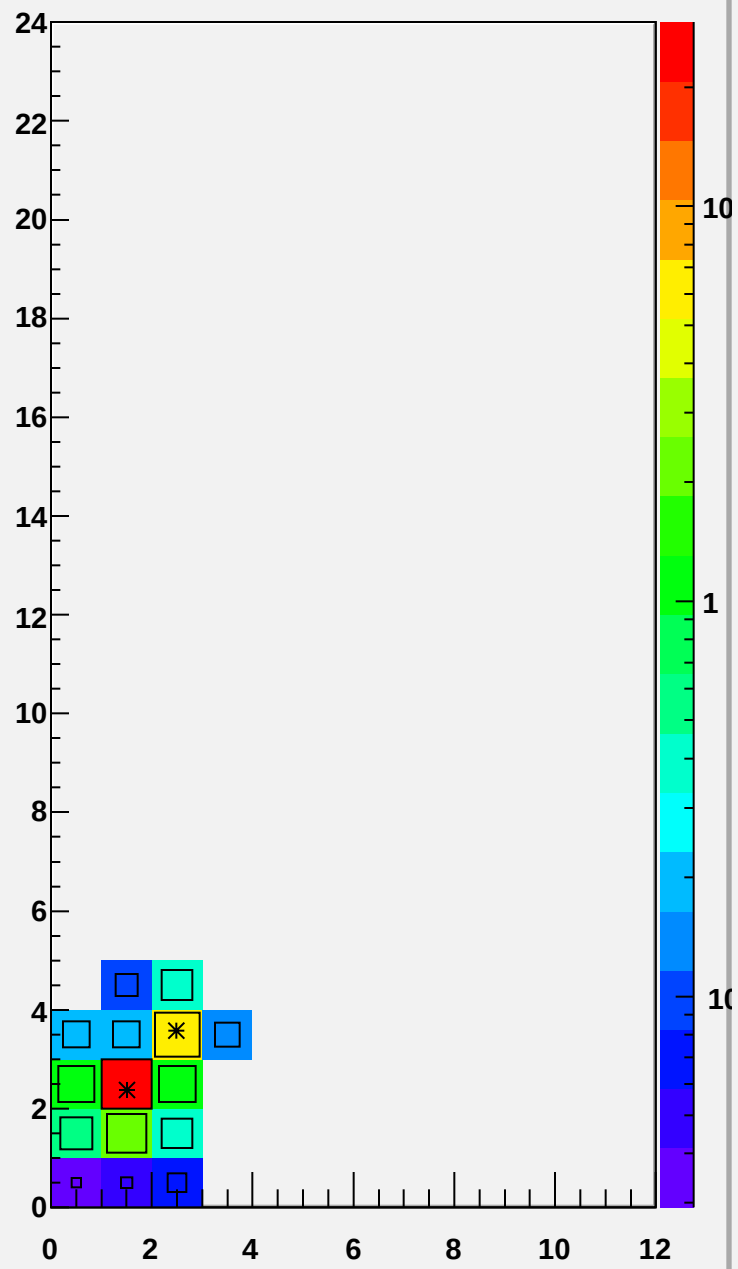
Fitted Energies



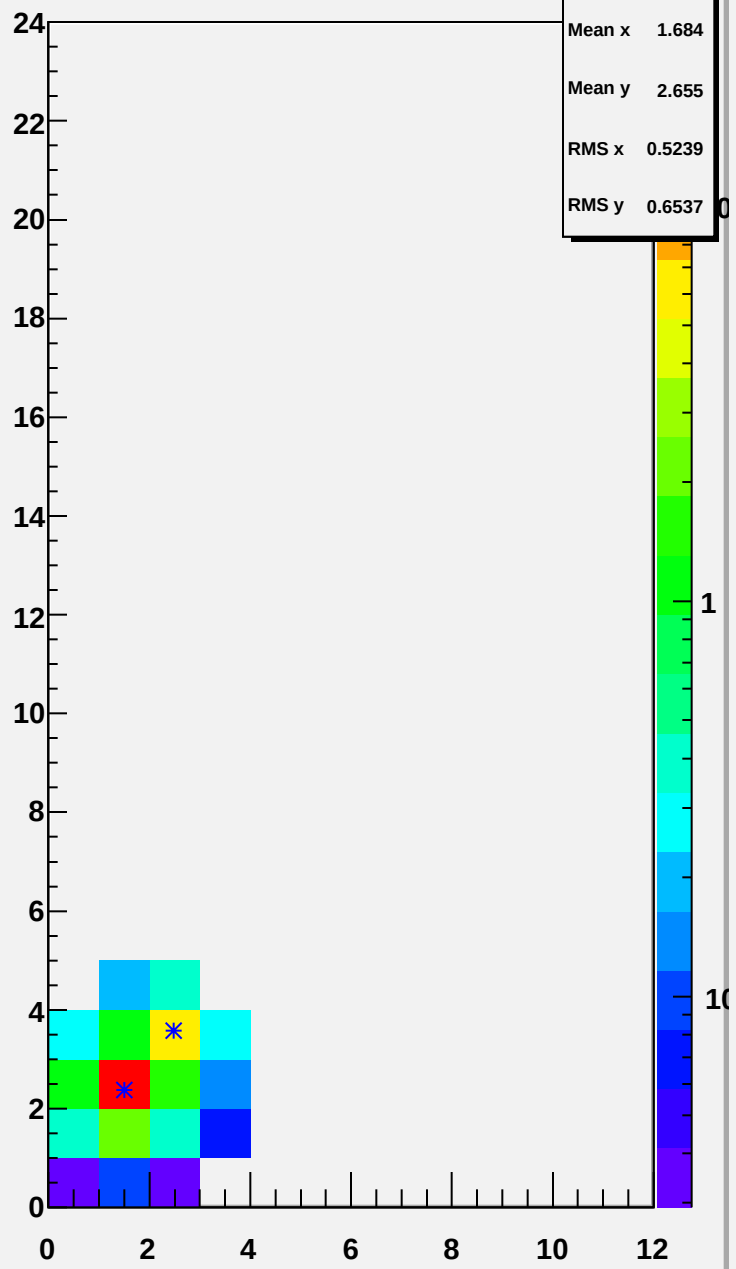
Efit

Entries	288
Mean x	1.28
Mean y	6.751
RMS x	0.9779
RMS y	7.805

NSTB3_r4_c3_En=41.9_m0=0.144 m1=0.144 index=831



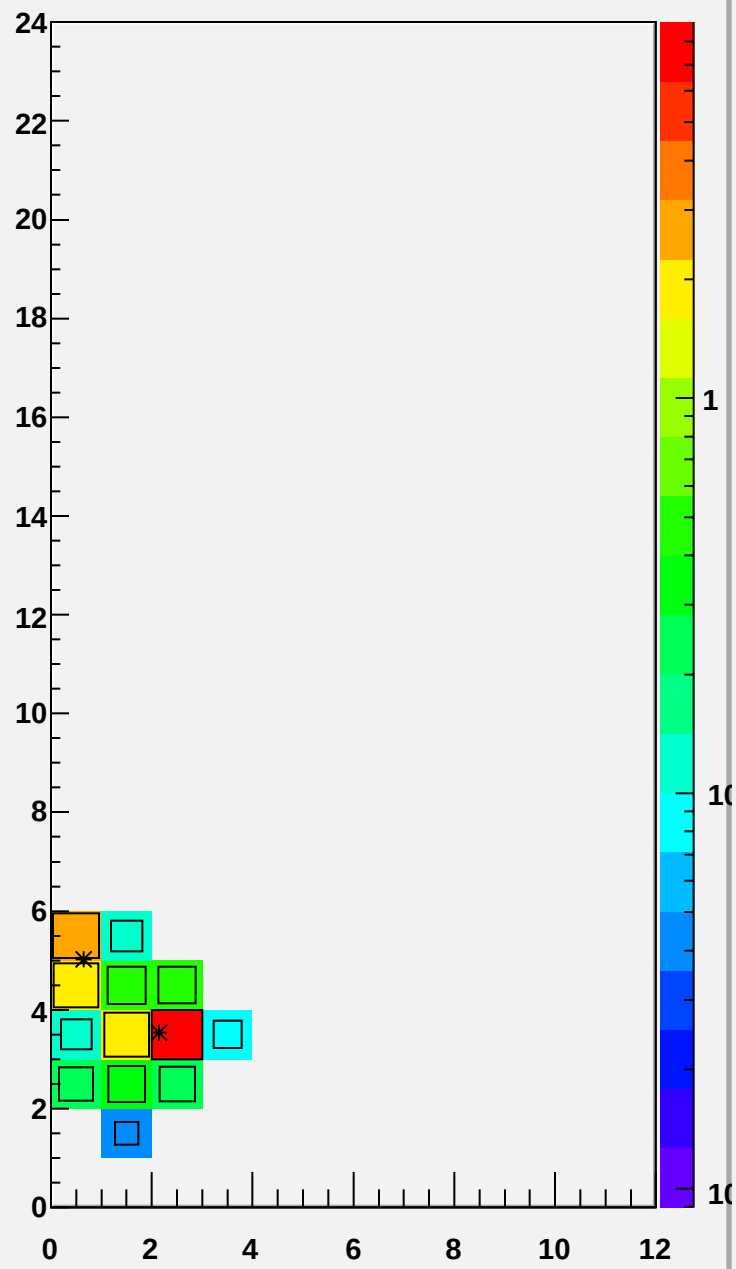
Fitted Energies



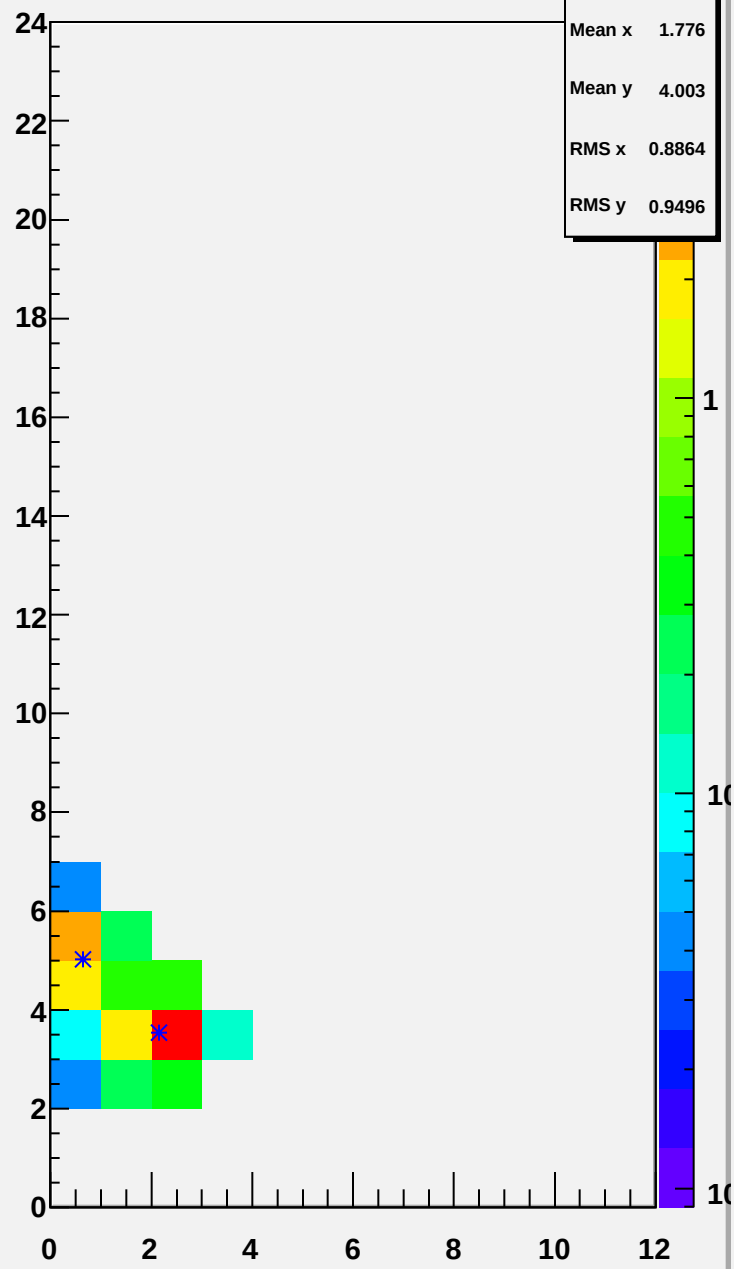
Efit

Entries	288
Mean x	1.684
Mean y	2.655
RMS x	0.5239
RMS y	0.6537

NSTB3_r4_c3_En=18.1_m0=0.100 m1=0.100 index=832



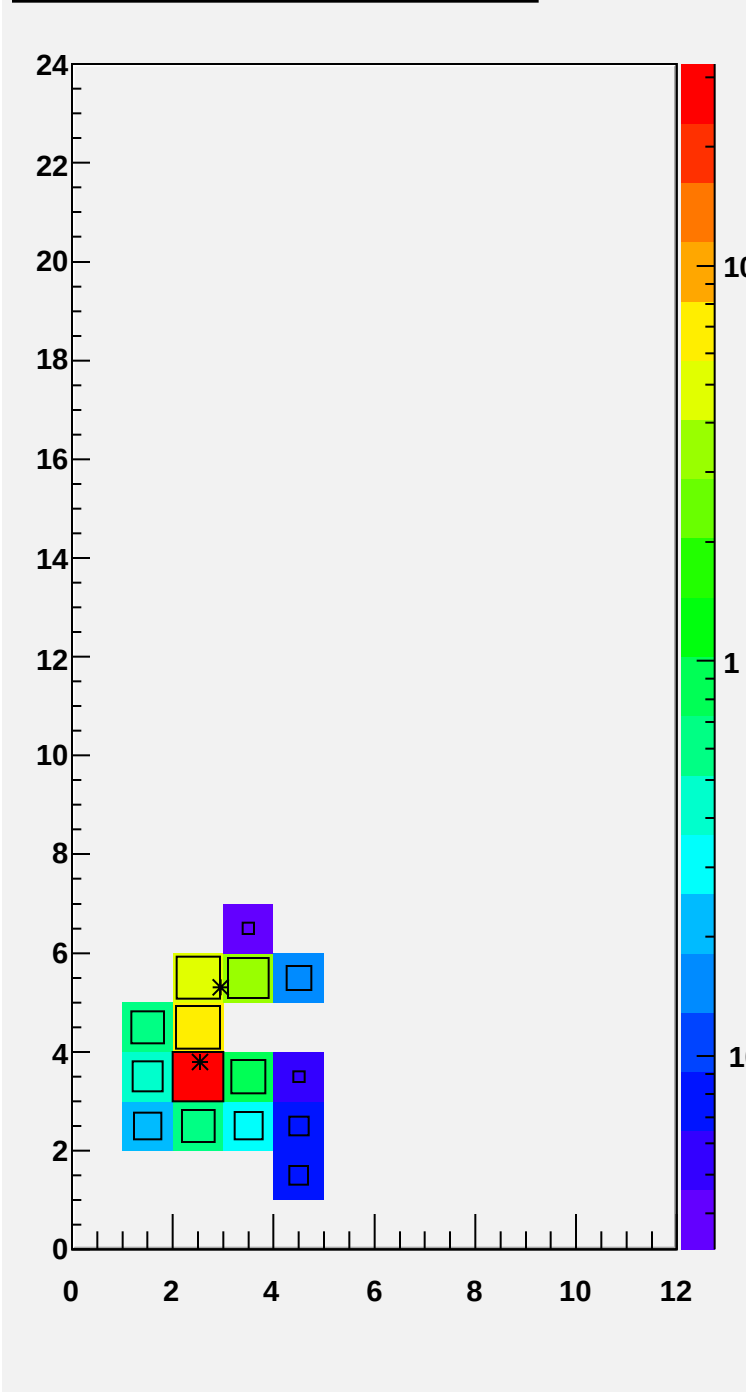
Fitted Energies



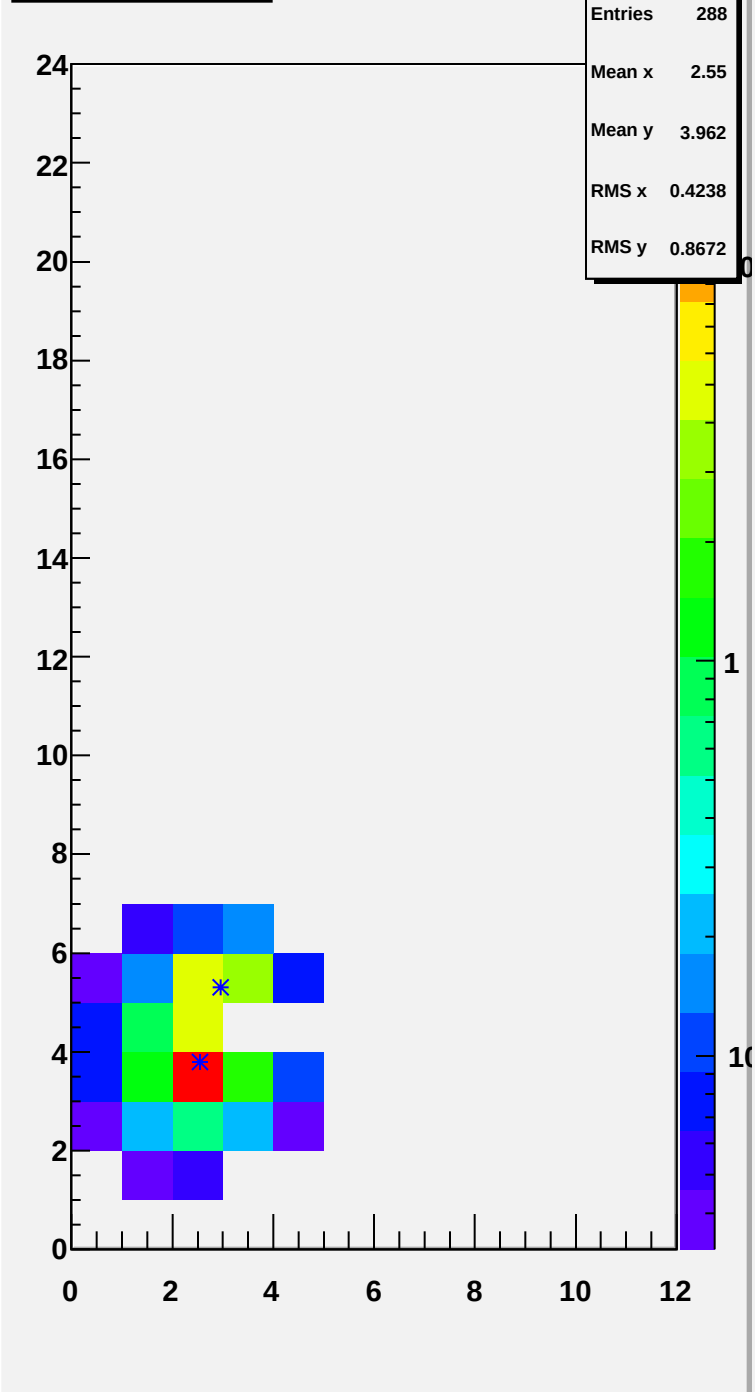
Efit

Entries	288
Mean x	1.776
Mean y	4.003
RMS x	0.8864
RMS y	0.9496

NSTB3_r4_c3_En=49.7_m0=0.170 m1=0.171 index=837



Fitted Energies



Efit	
Entries	288
Mean x	2.55
Mean y	3.962
RMS x	0.4238
RMS y	0.8672

Entries 288

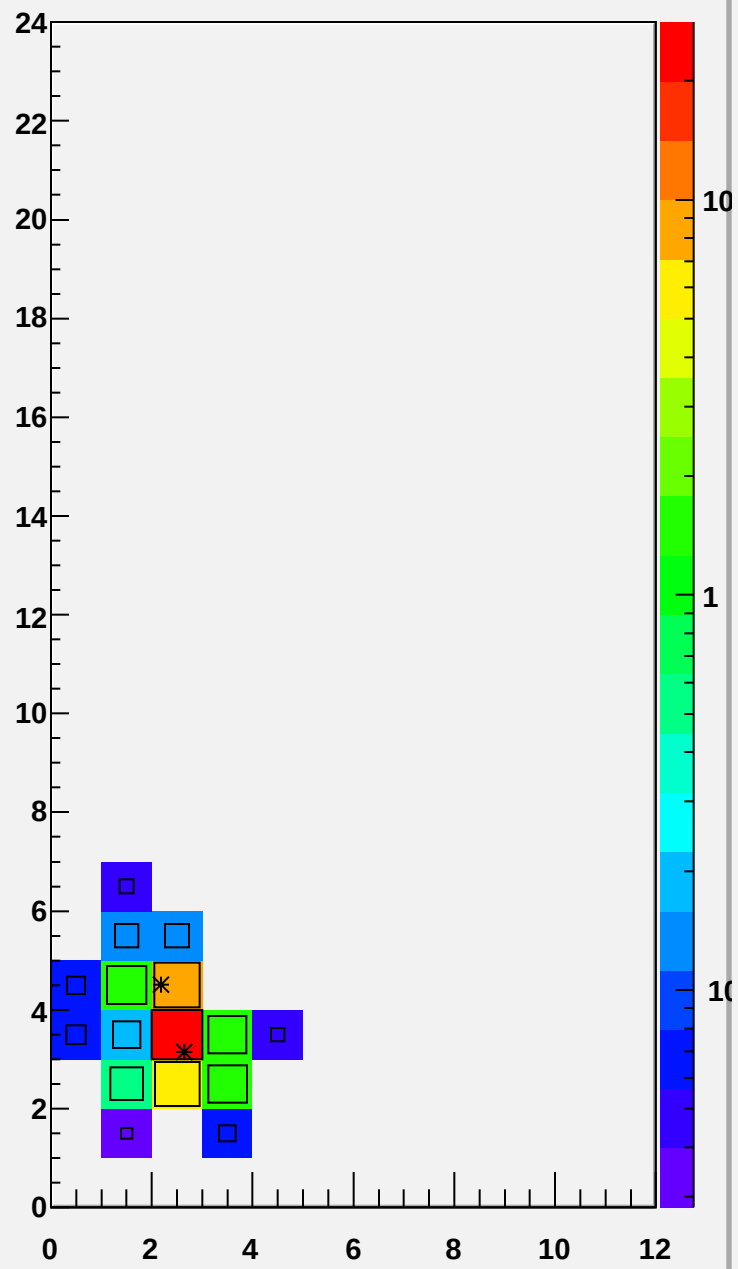
Mean $\bar{x}$	2.55

Mean y	3.962

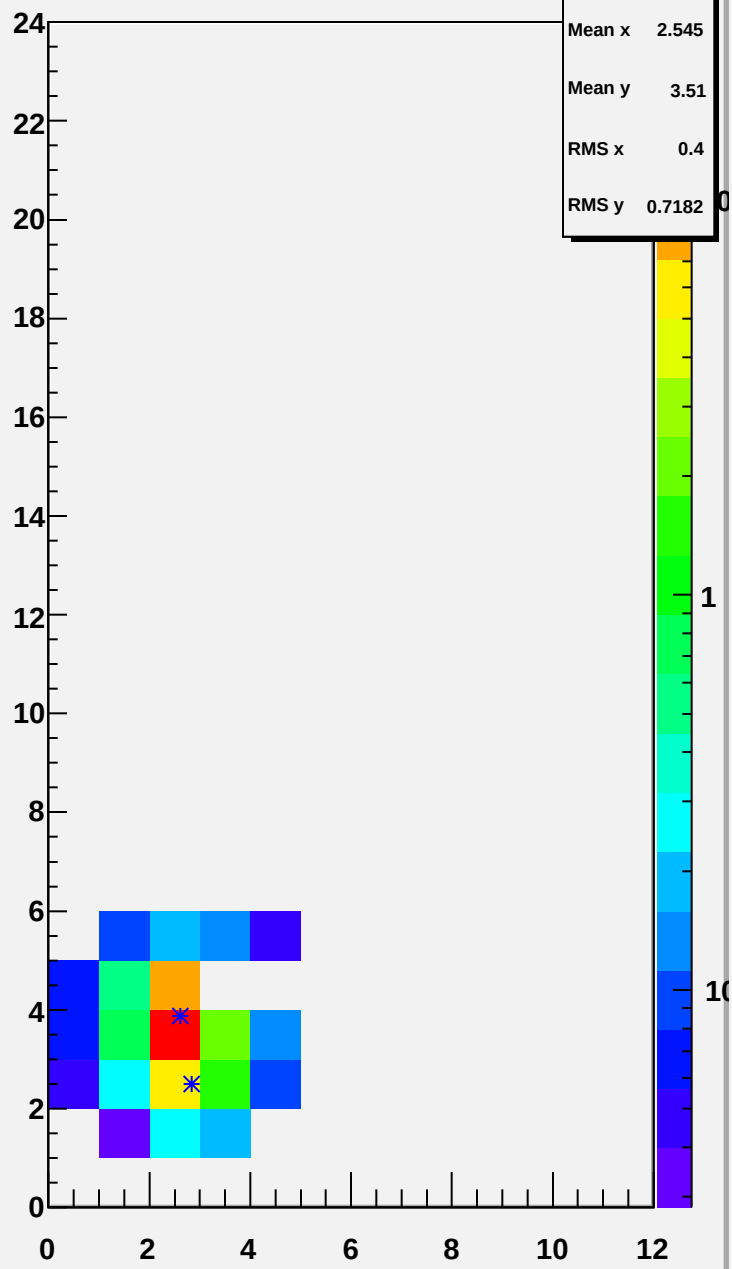
RMS x 0.4238

RMS y 0.8672

NSTB3_r4_c3_En=48.2_m0=0.153 m1=0.140 index=838



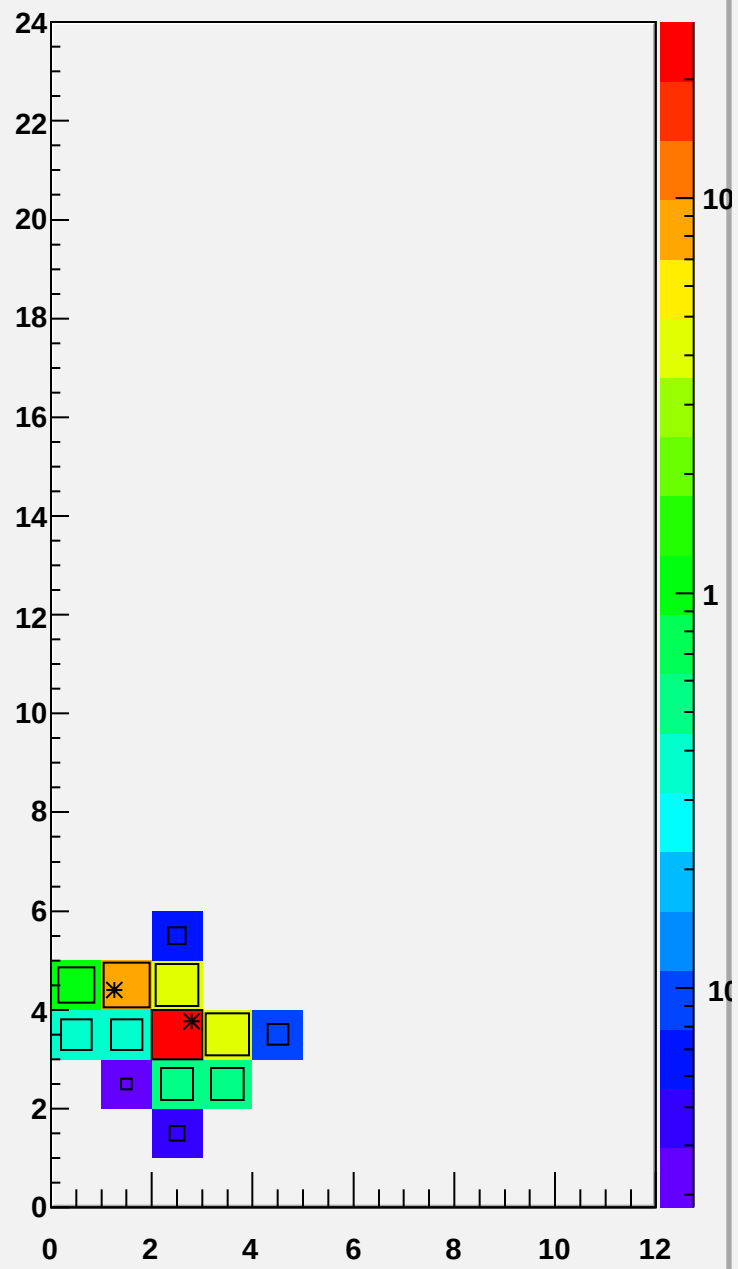
Fitted Energies



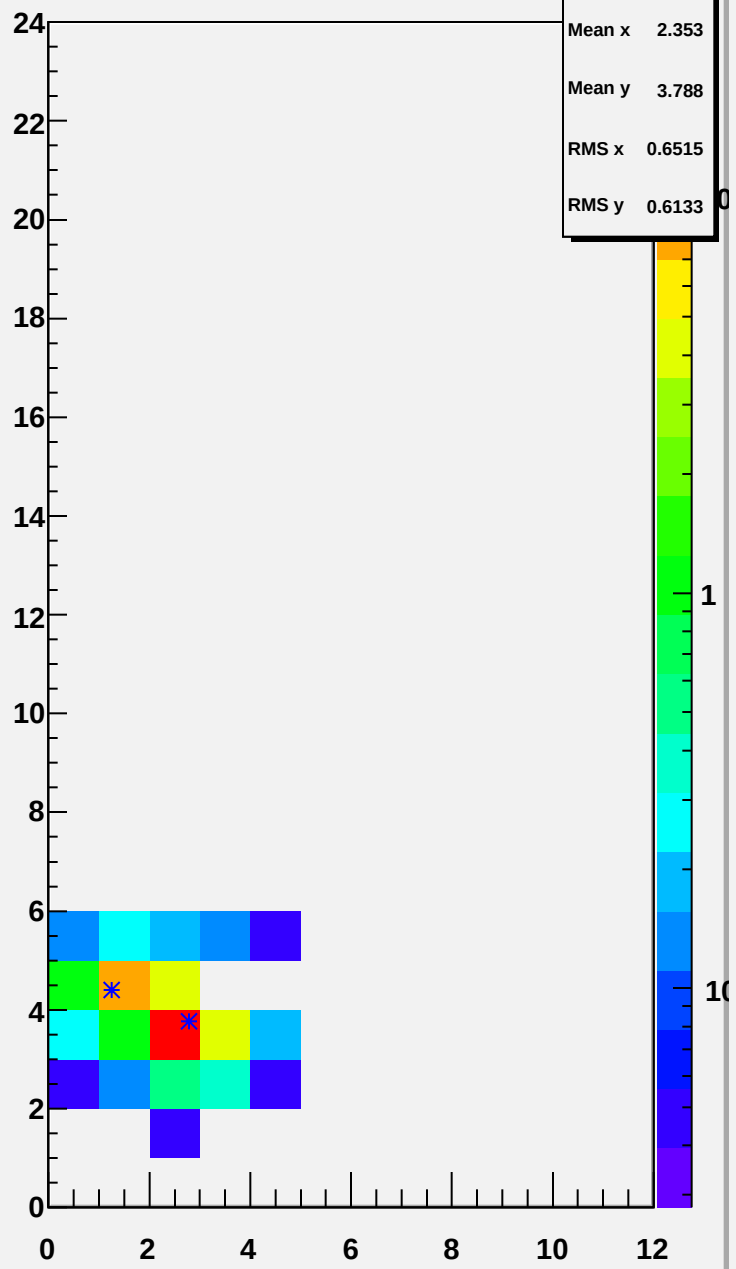
Efit

Entries	288
Mean x	2.545
Mean y	3.51
RMS x	0.4
RMS y	0.7182

NSTB3_r4_c3_En=47.0_m0=0.183 m1=0.183 index=839



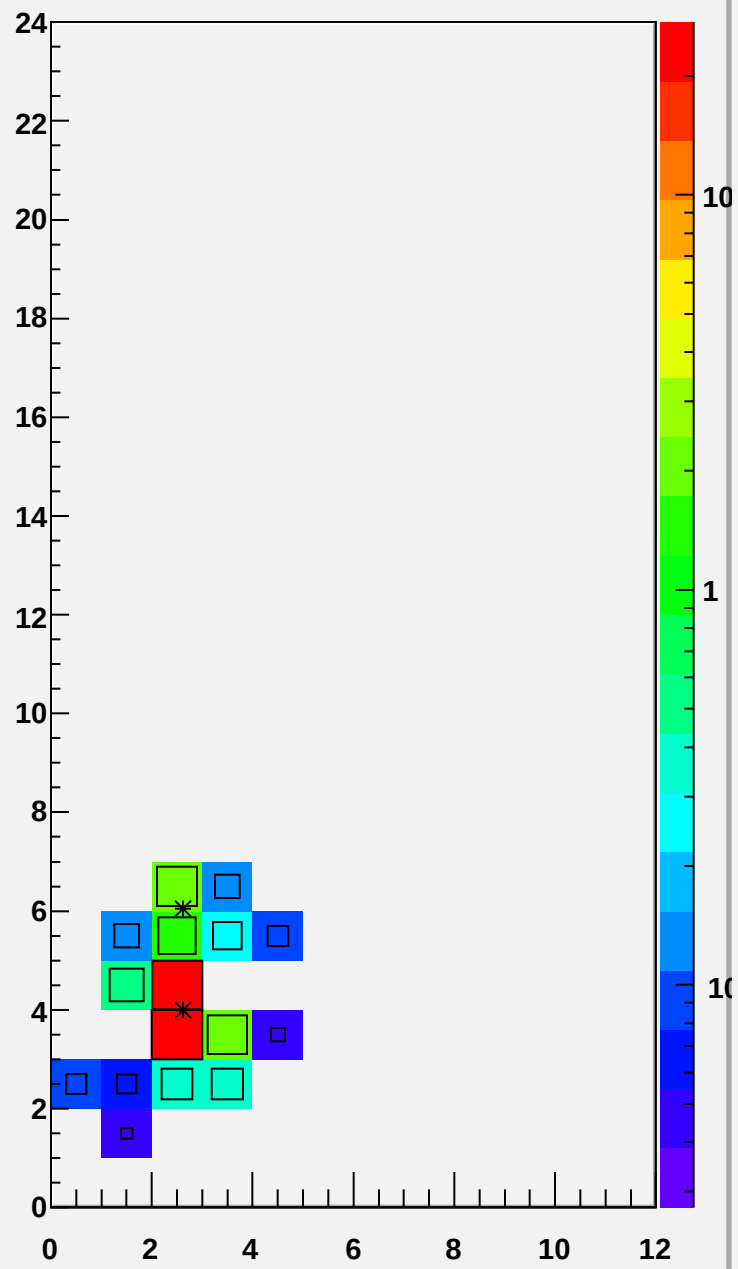
Fitted Energies



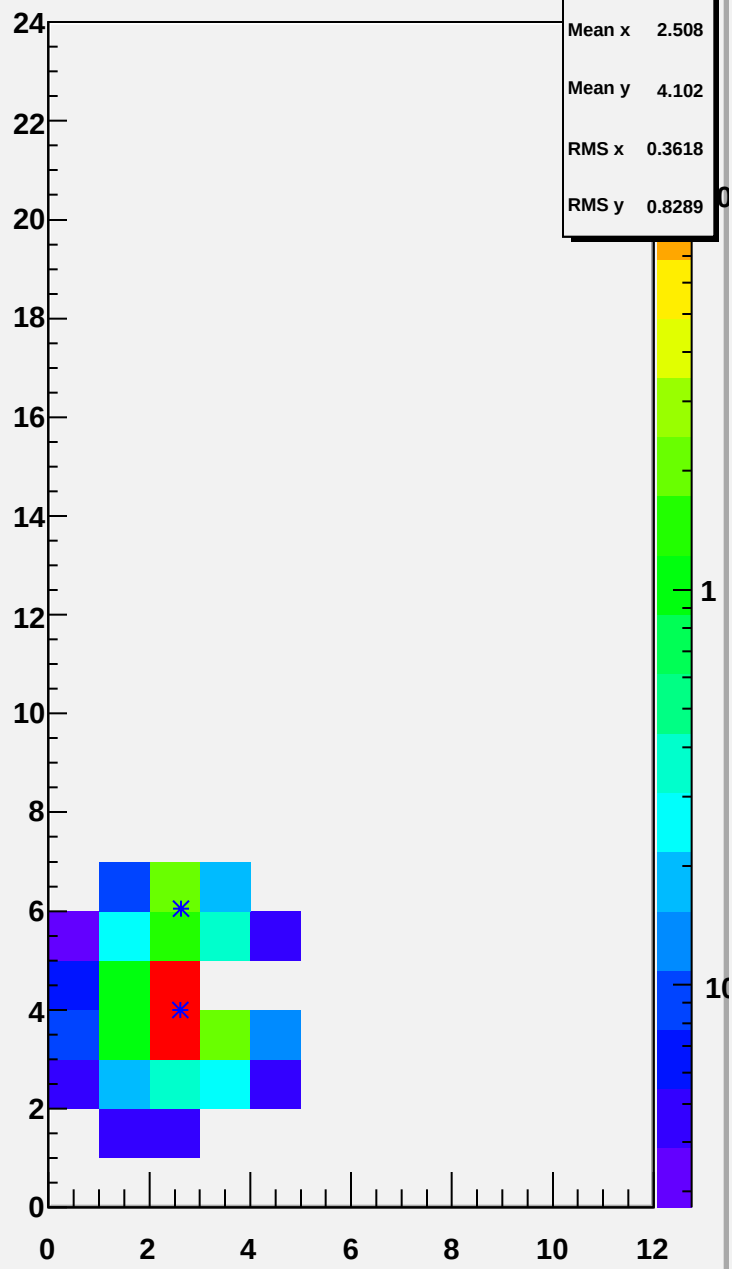
Efit

Entries	288
Mean x	2.353
Mean y	3.788
RMS x	0.6515
RMS y	0.6133

NSTB3_r4_c3_En=59.4_m0=0.184_m1=0.183_index=840



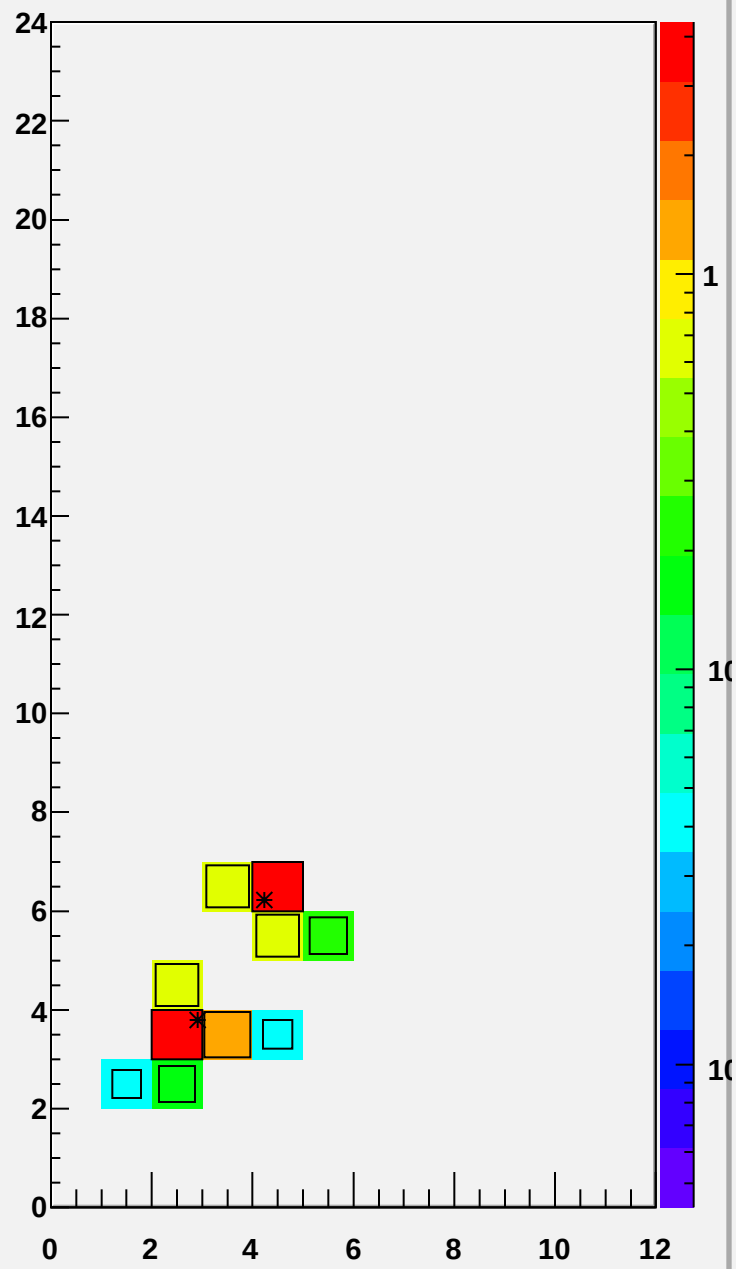
Fitted Energies



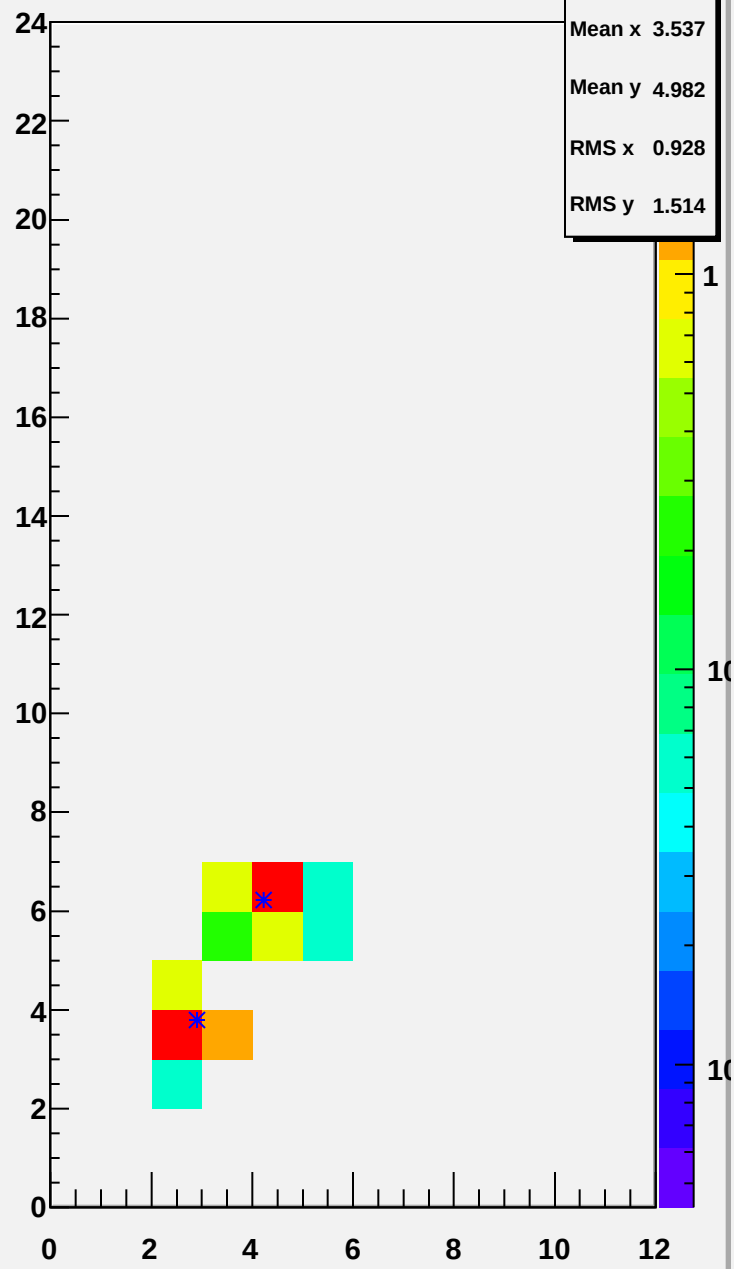
Efit

Entries	288
Mean x	2.508
Mean y	4.102
RMS x	0.3618
RMS y	0.8289

NSTB3_r4_c3_En=12.0_m0=0.098 m1=0.098 index=841



Fitted Energies



Efit

Entries 288

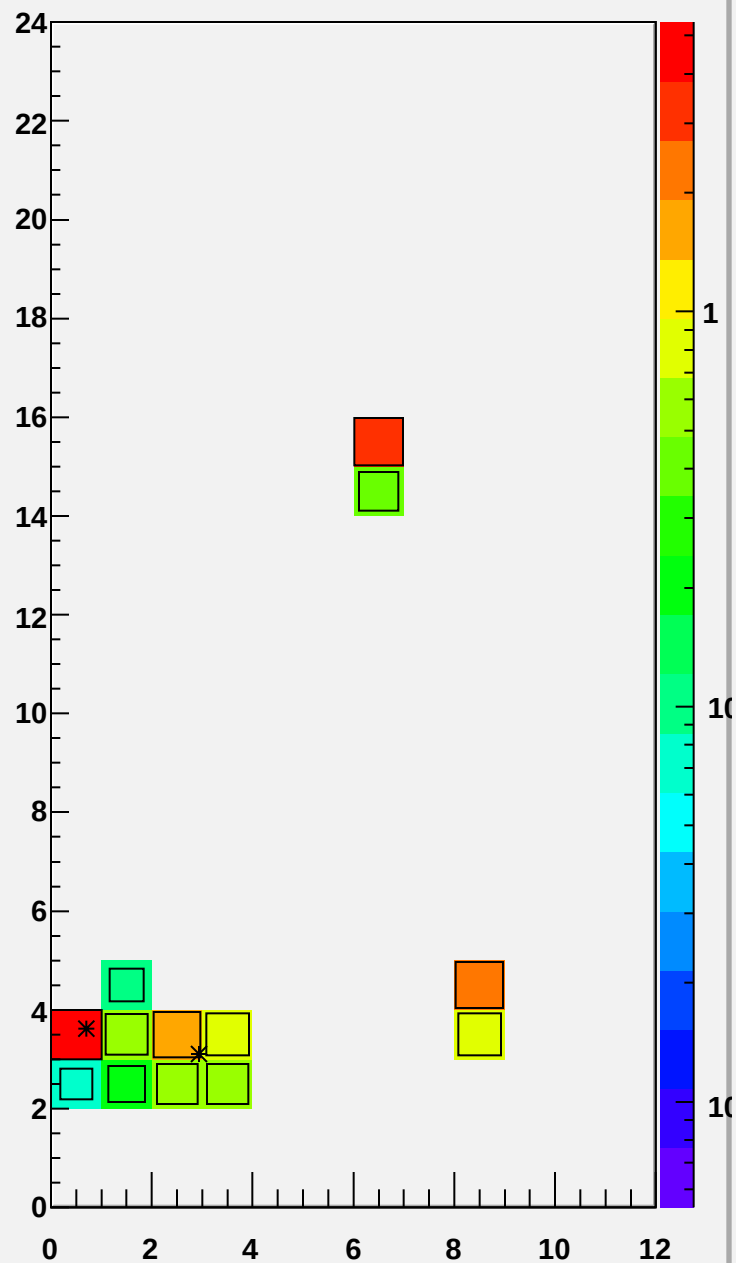
Mean x 3.537

Mean y 4.982

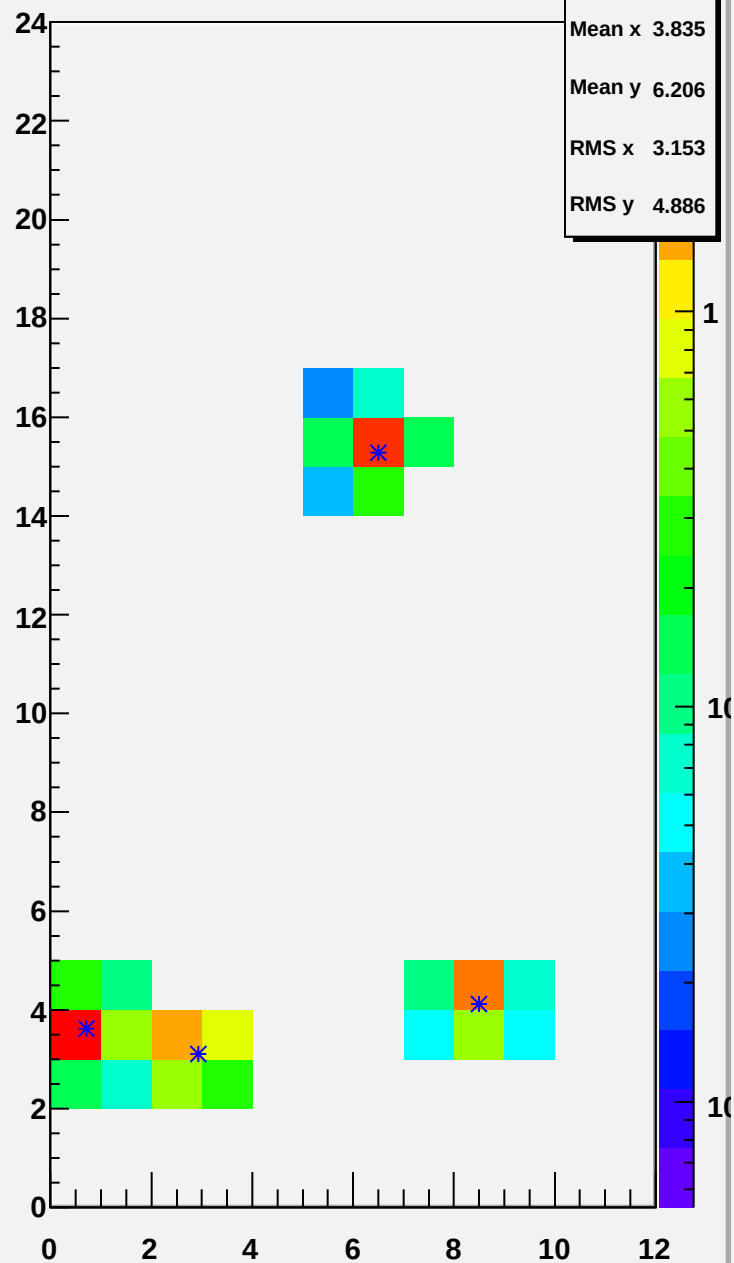
RMS x 0.928

RMS y 1.514

NSTB3_r4_c3_En=16.7_m0=0.064 m1=0.064 index=842



Fitted Energies



Efit

Entries 288

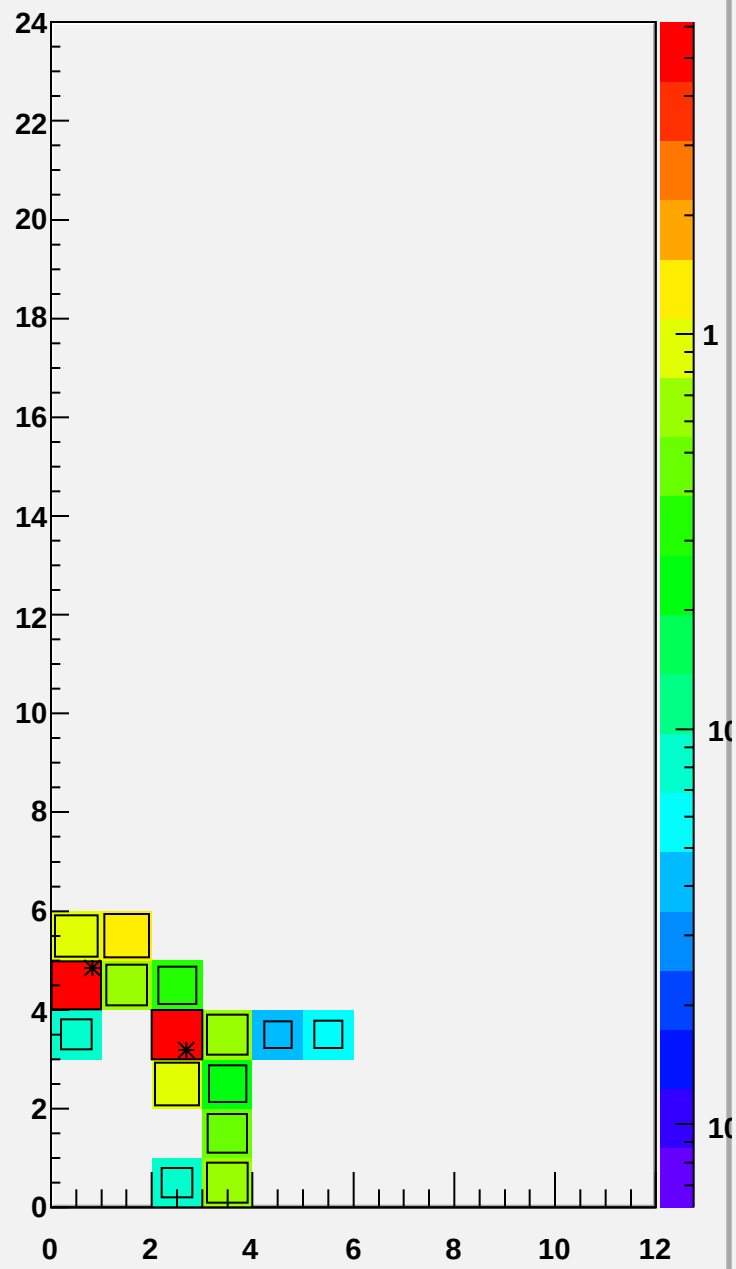
Mean x 3.835

Mean y 6.206

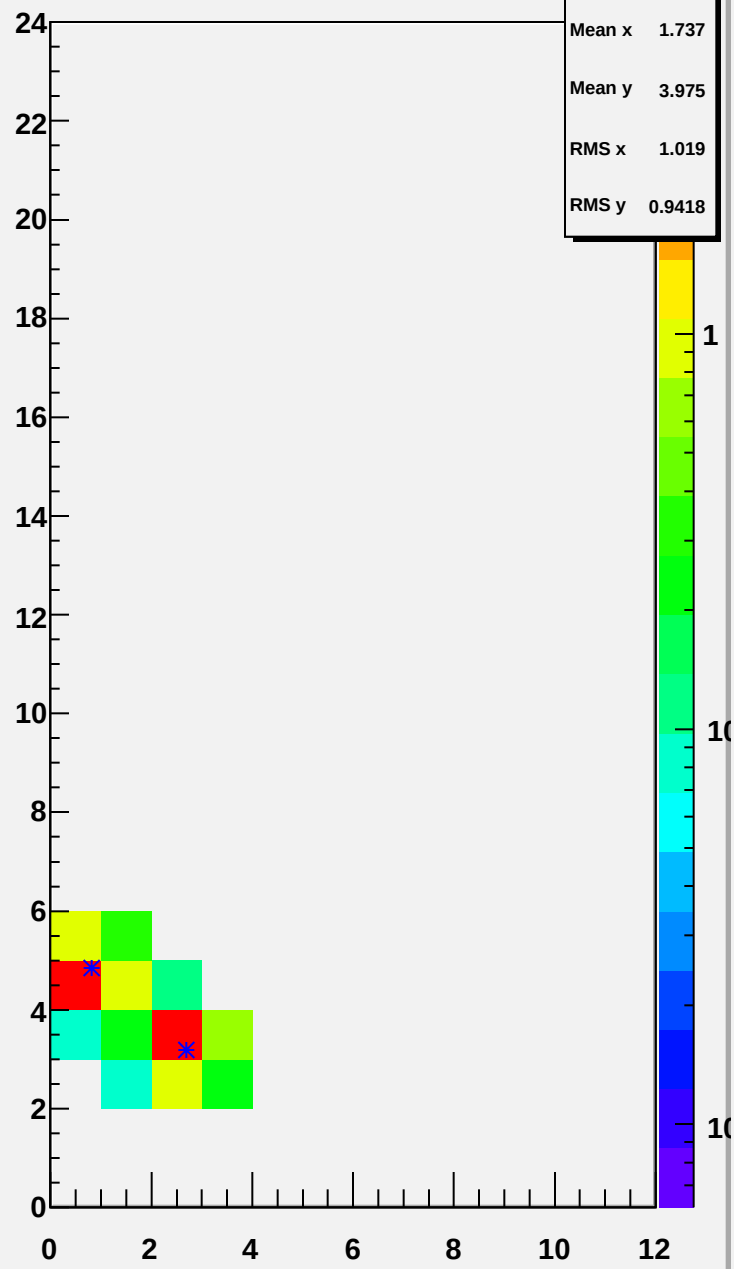
RMS x 3.153

RMS y 4.886

NSTB3_r4_c3_En=16.8_m0=0.107 m1=0.107 index=843



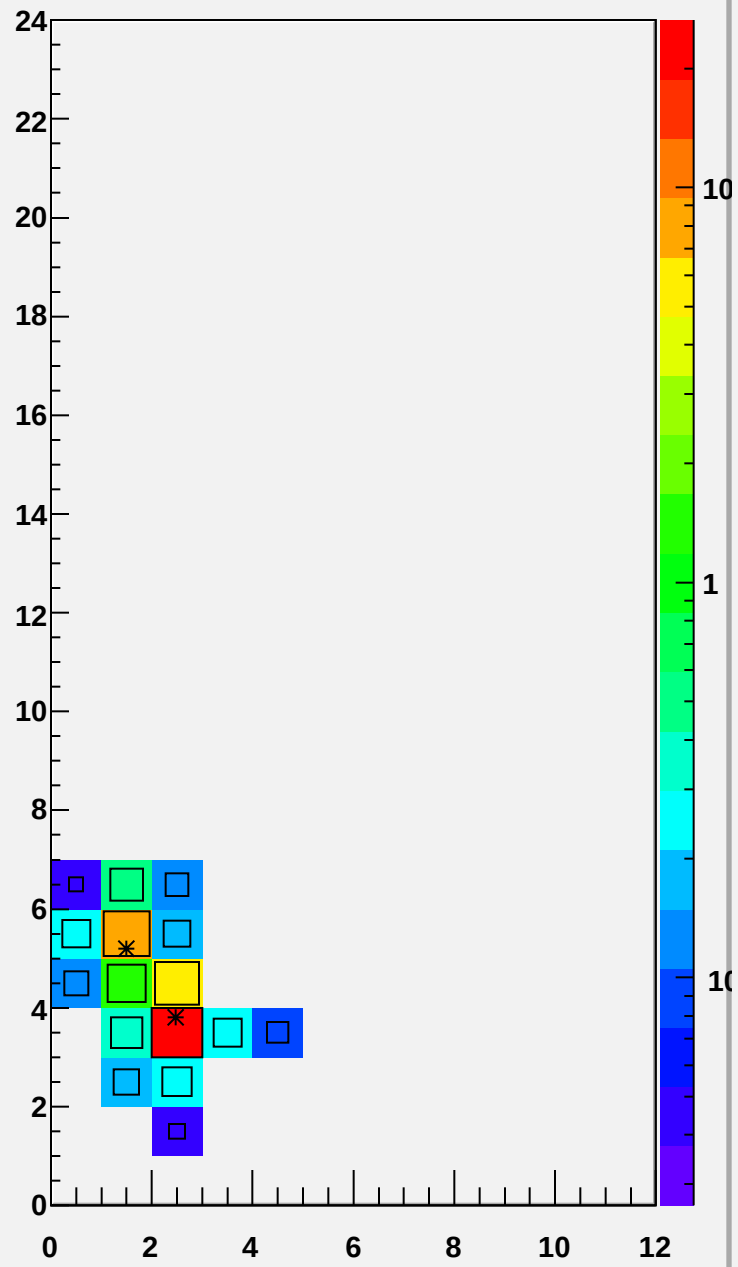
Fitted Energies



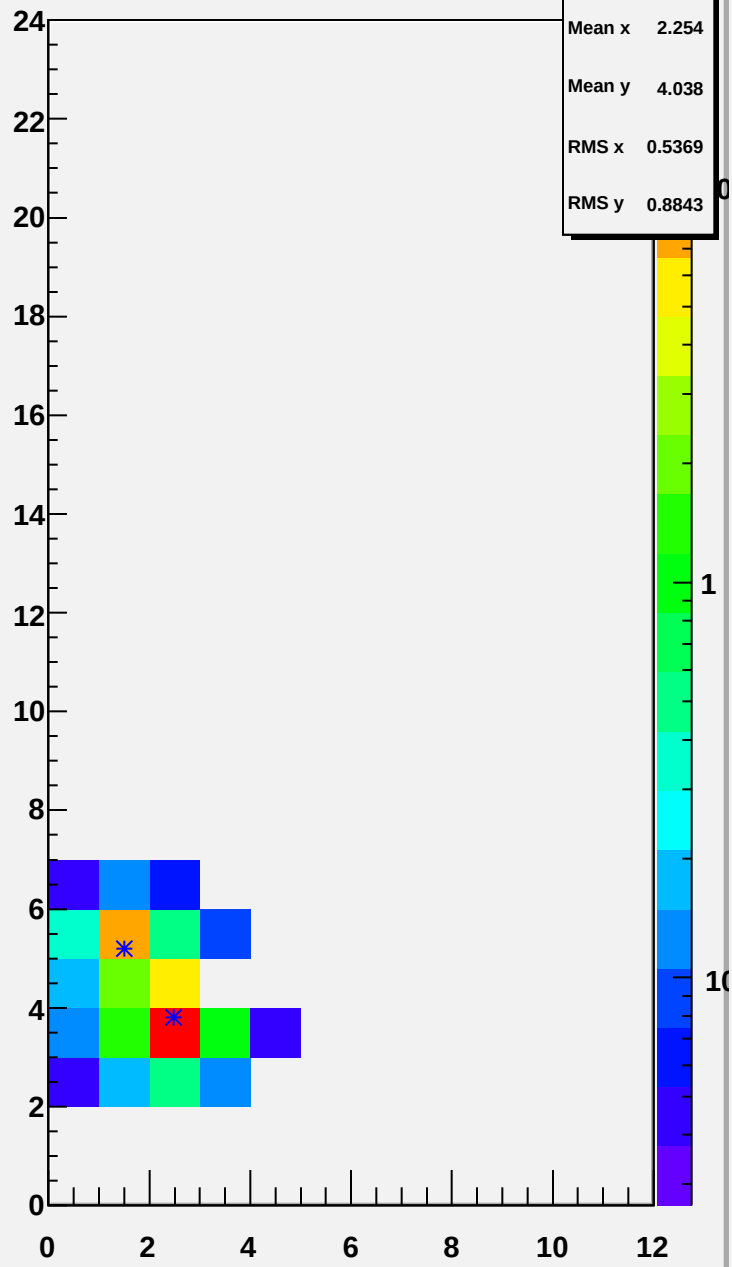
Efit

Entries	288
Mean x	1.737
Mean y	3.975
RMS x	1.019
RMS y	0.9418

NSTB3_r4_c3_En=42.4_m0=0.175_m1=0.175_index=844



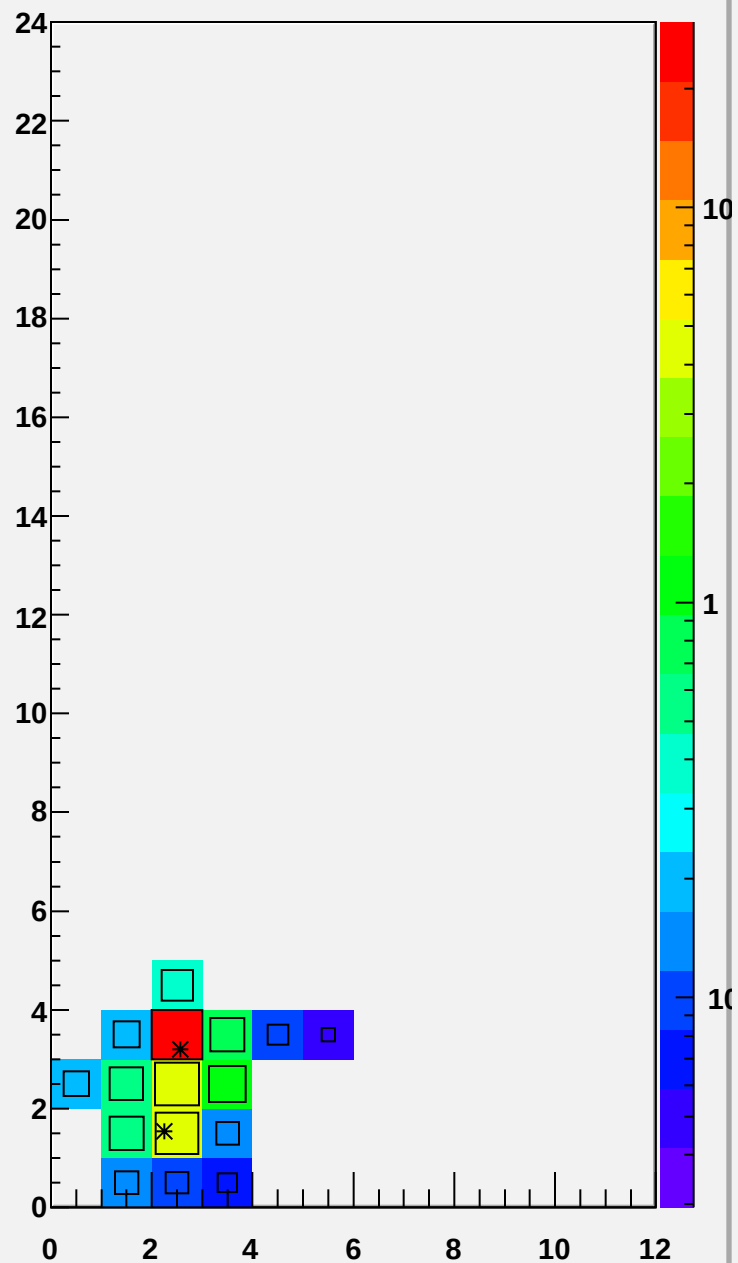
Fitted Energies



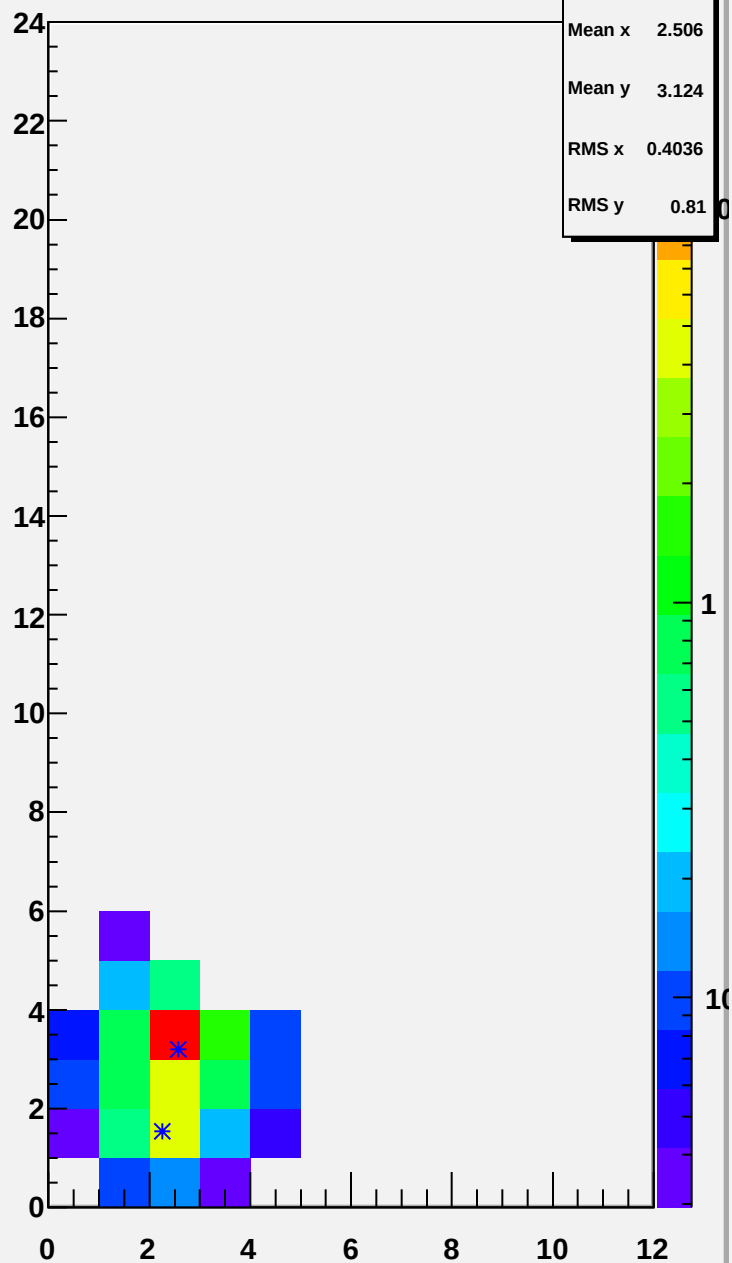
Efit

Entries	288
Mean x	2.254
Mean y	4.038
RMS x	0.5369
RMS y	0.8843

NSTB3_r4_c3_En=43.3_m0=0.132 m1=0.132 index=846



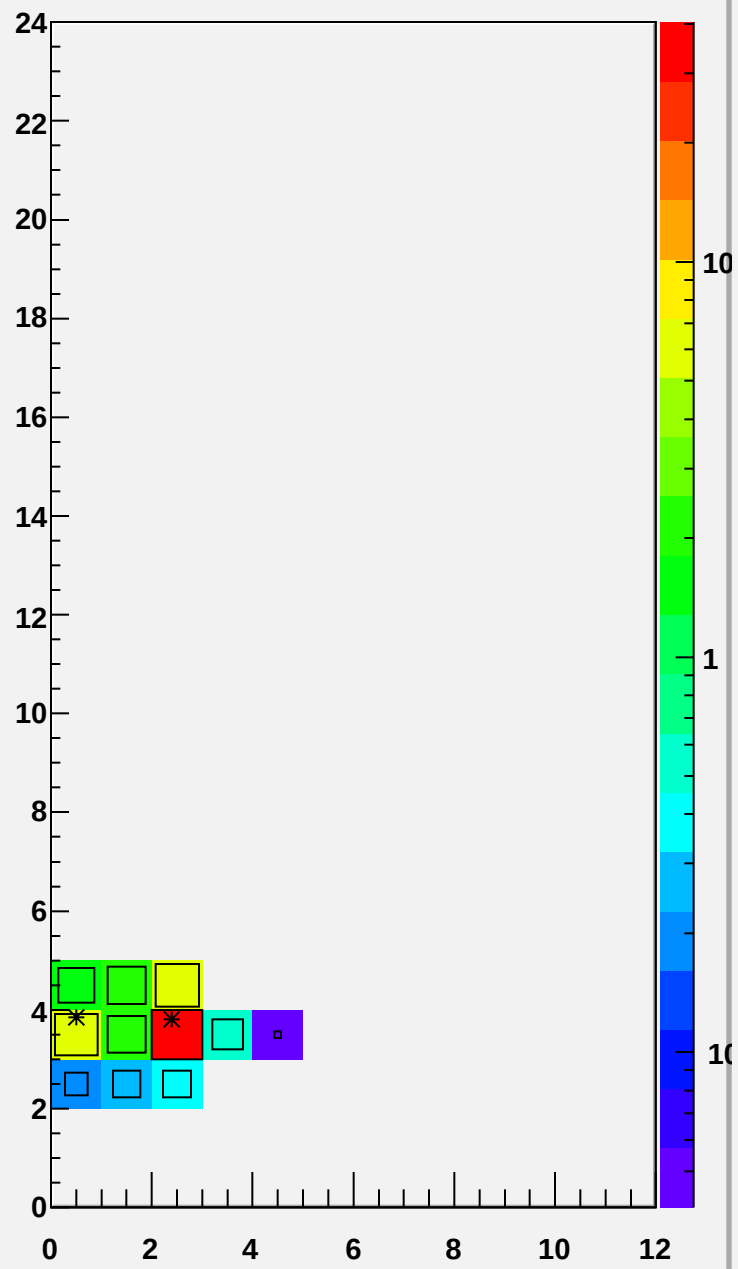
Fitted Energies



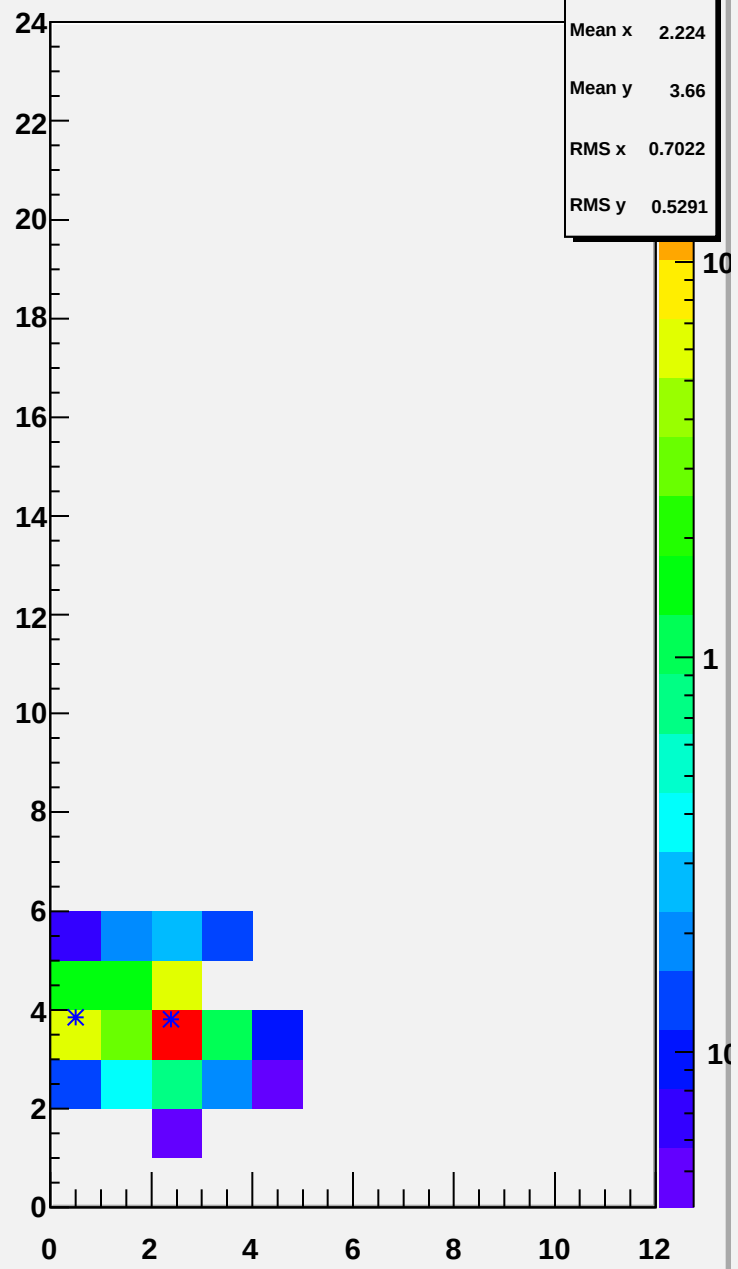
Efit

Entries	288
Mean x	2.506
Mean y	3.124
RMS x	0.4036
RMS y	0.810

NSTB3_r4_c3_En=59.0_m0=0.207 m1=0.207 index=847



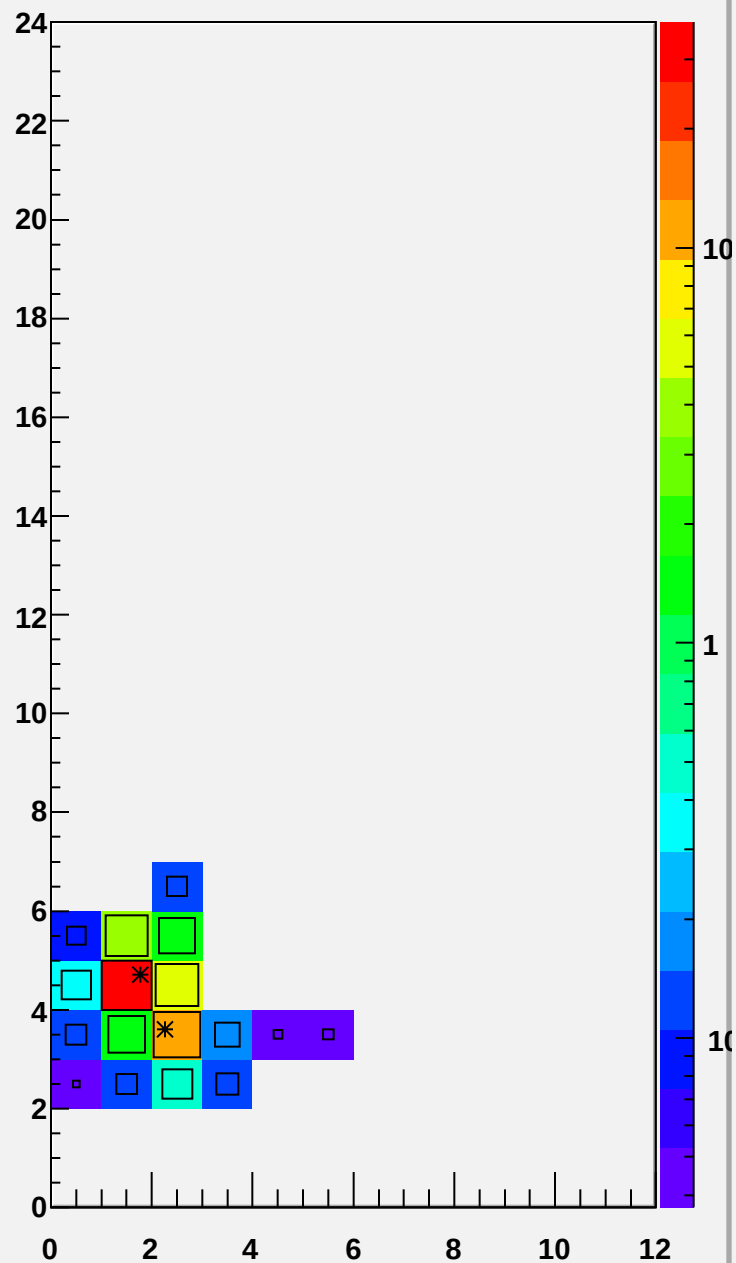
Fitted Energies



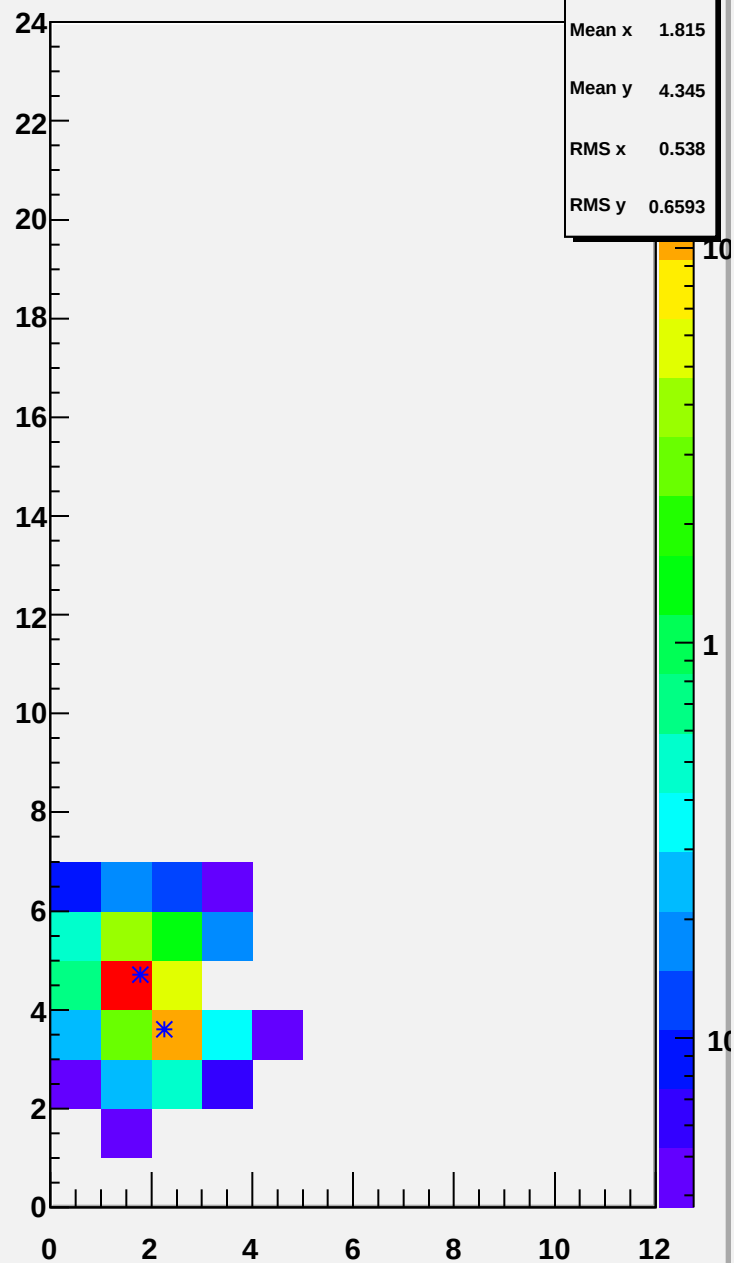
Efit

Entries	288
Mean x	2.224
Mean y	3.66
RMS x	0.7022
RMS y	0.5291

NSTB3_r4_c3_En=64.0_m0=0.191 m1=0.191 index=848



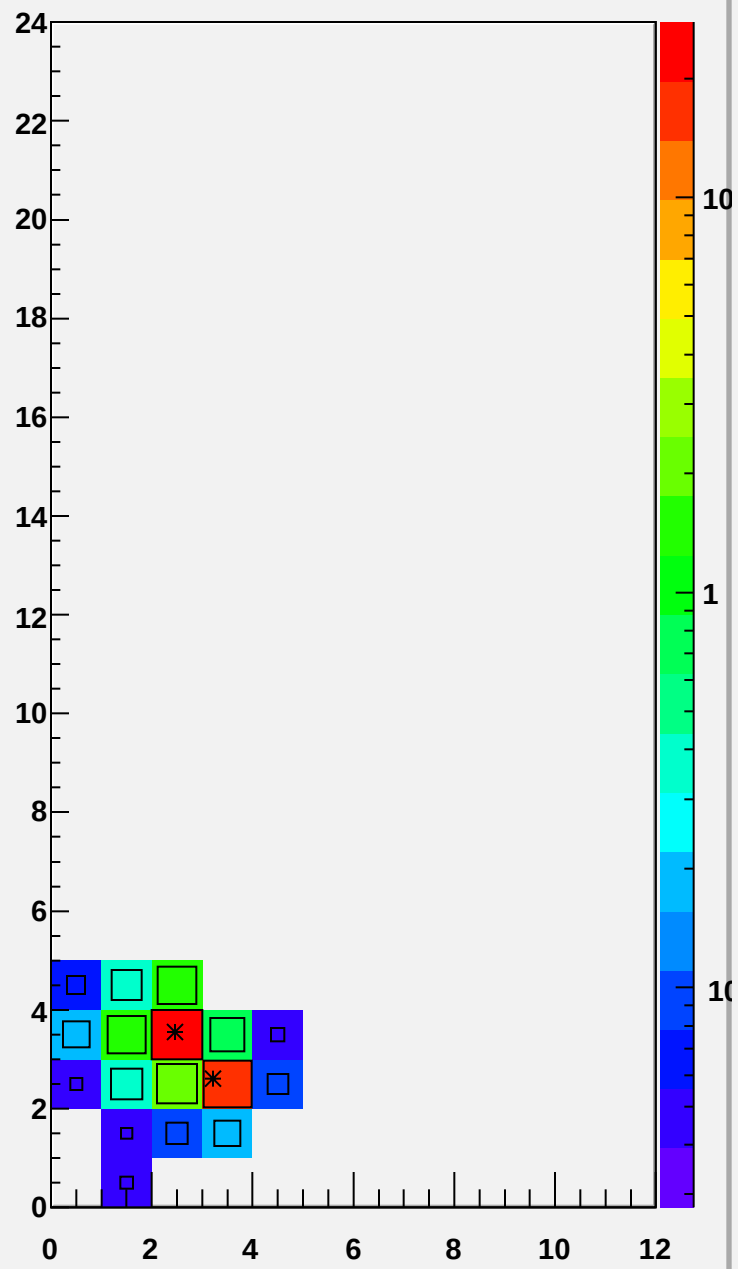
Fitted Energies



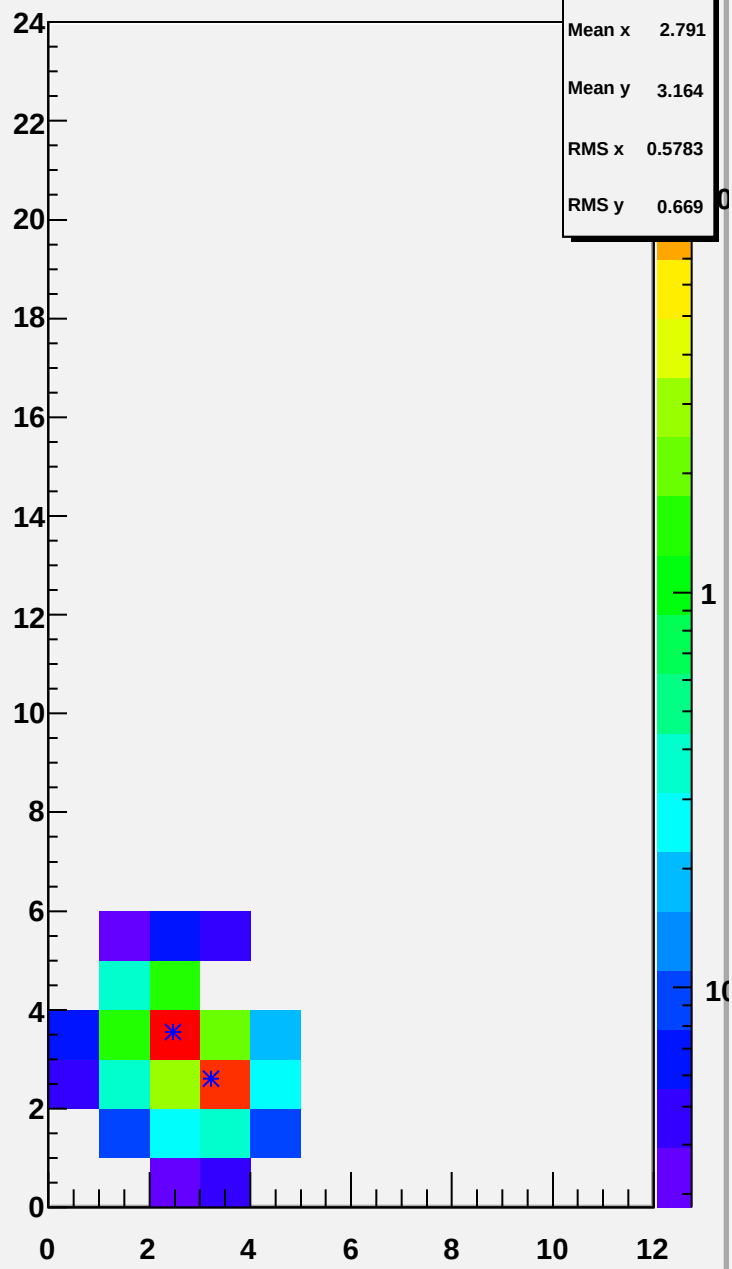
Efit

Entries	288
Mean x	1.815
Mean y	4.345
RMS x	0.538
RMS y	0.6593

NSTB3_r4_c3_En=49.4_m0=0.168 m1=0.169 index=850



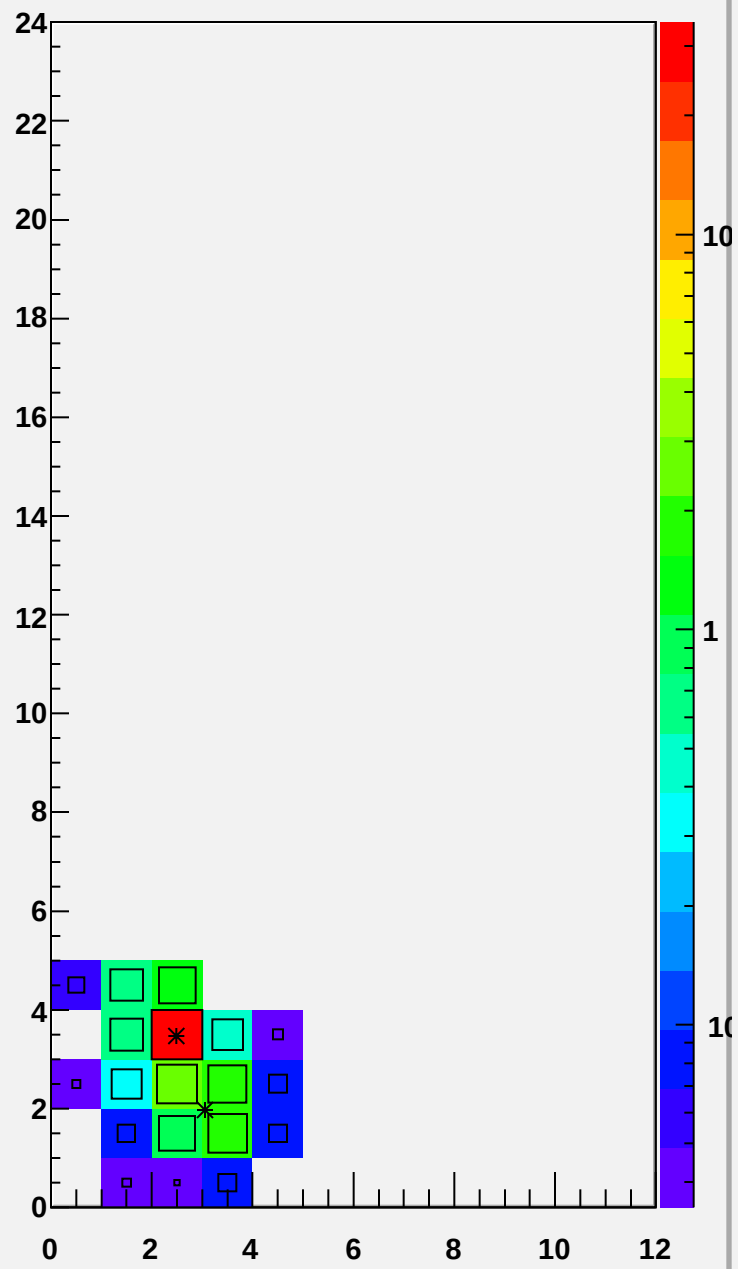
Fitted Energies



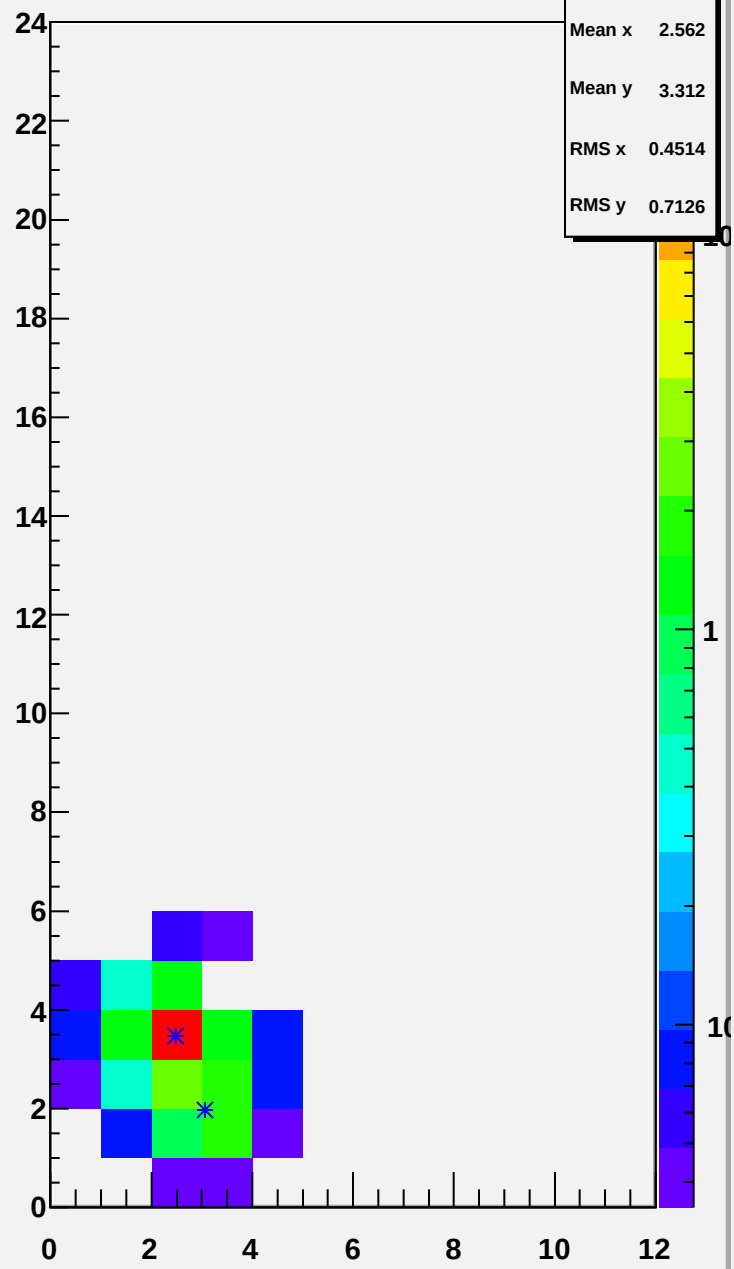
Efit

Entries	288
Mean x	2.791
Mean y	3.164
RMS x	0.5783
RMS y	0.669

NSTB3_r4_c3_En=45.9_m0=0.134_m1=0.133_index=851



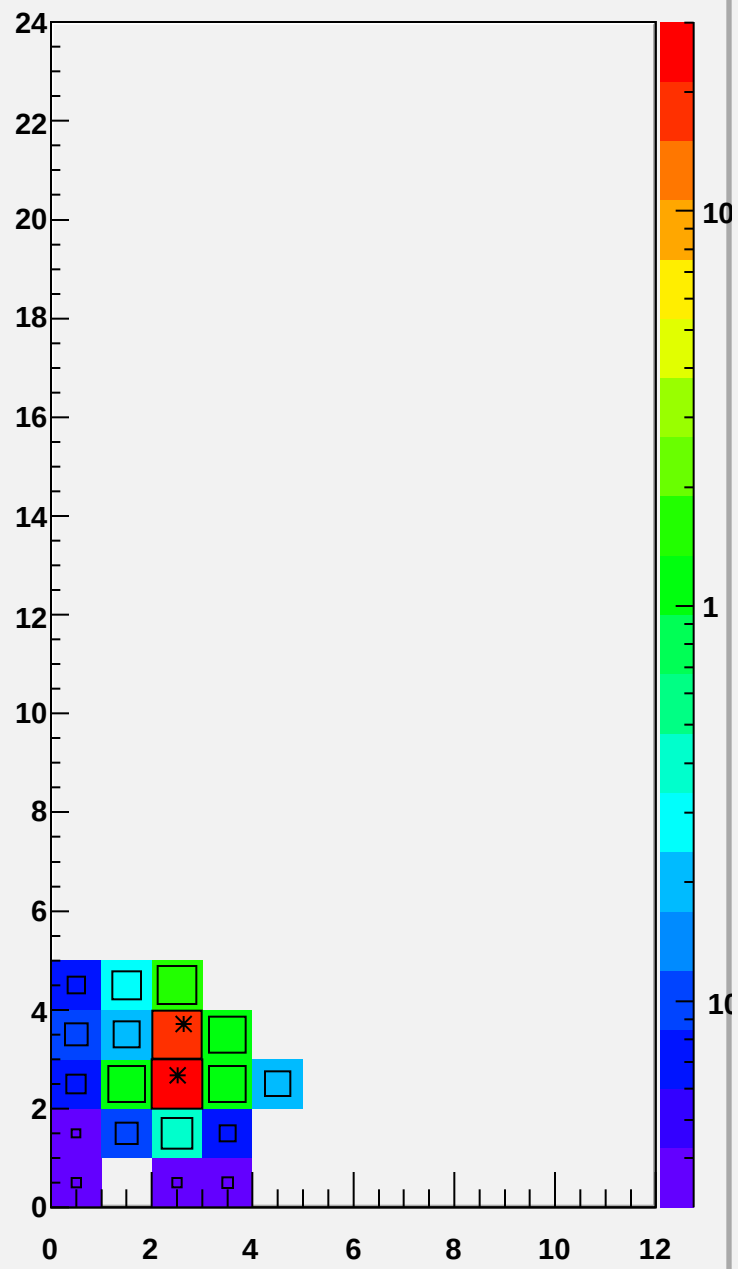
Fitted Energies



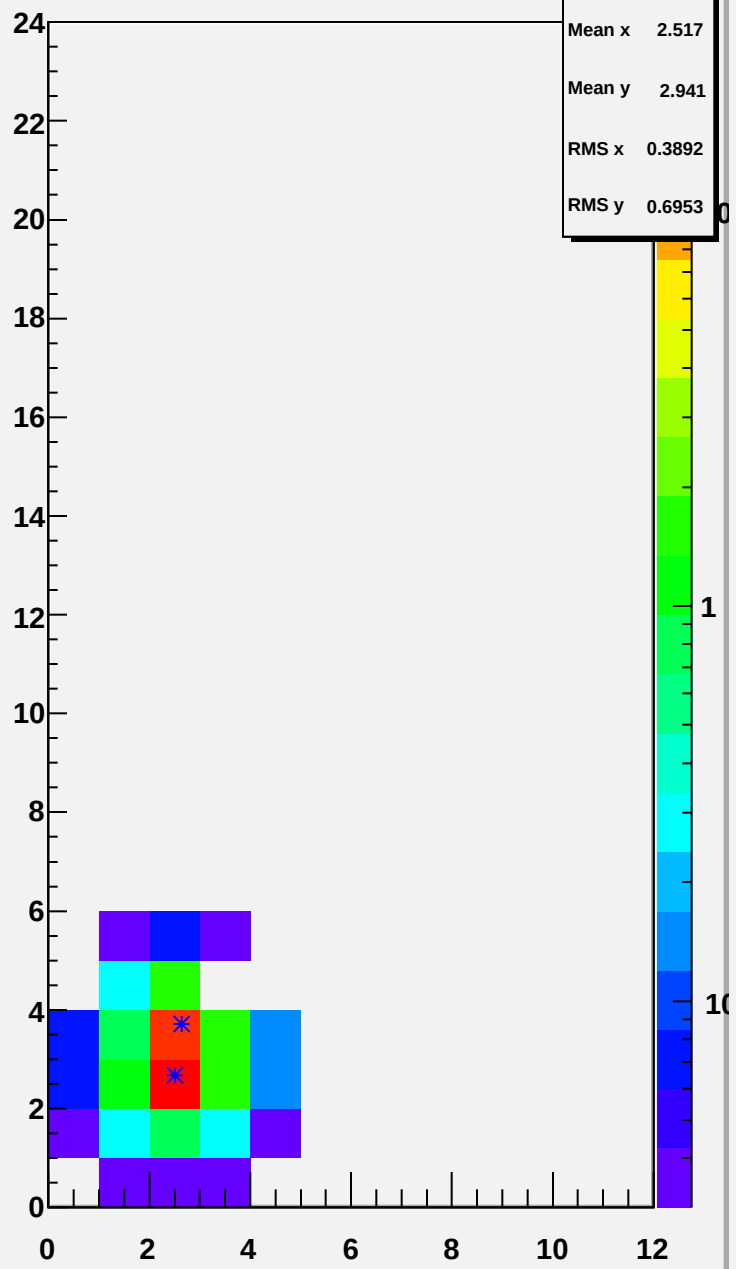
Efit

Entries	288
Mean x	2.562
Mean y	3.312
RMS x	0.4514
RMS y	0.7126

NSTB3_r4_c3_En=57.0_m0=0.160 m1=0.160 index=852



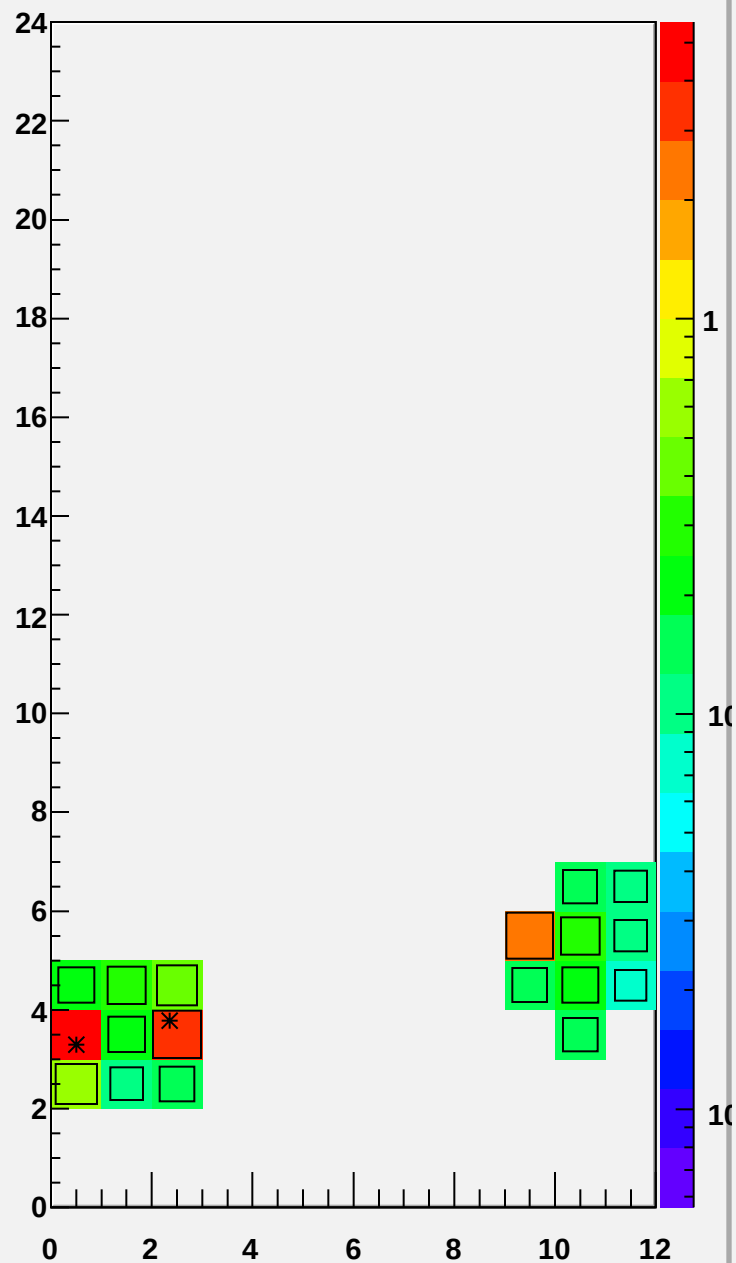
Fitted Energies



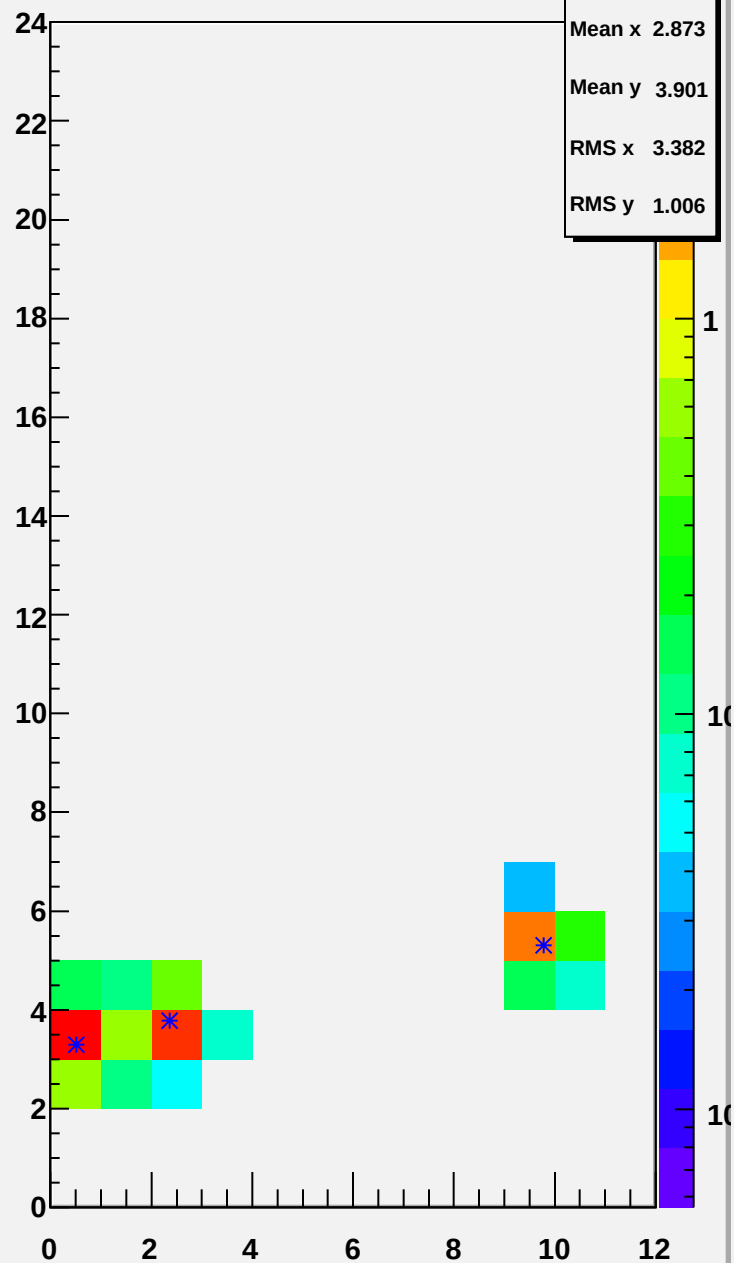
Efit

Entries	288
Mean x	2.517
Mean y	2.941
RMS x	0.3892
RMS y	0.6953

NSTB3_r4_c3_En=14.2_m0=0.059 m1=0.059 index=853



Fitted Energies



Efit

Entries 288

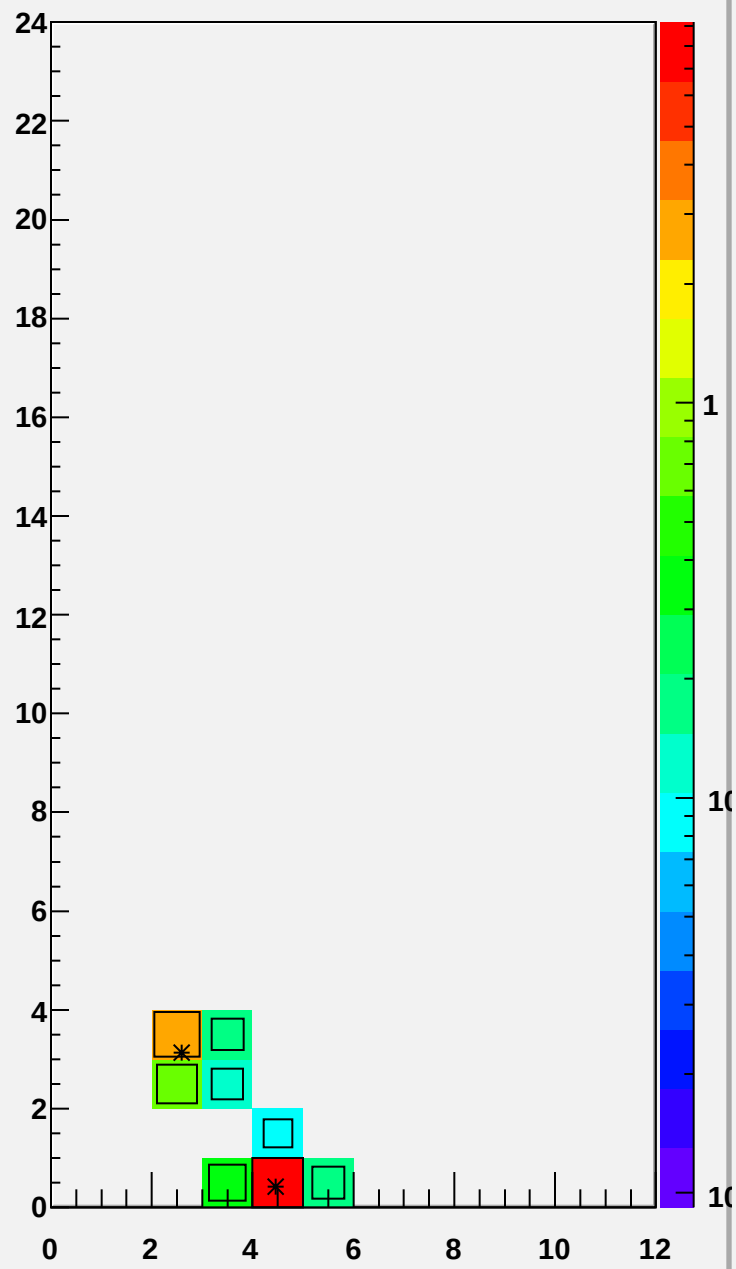
Mean x 2.873

Mean y 3.901

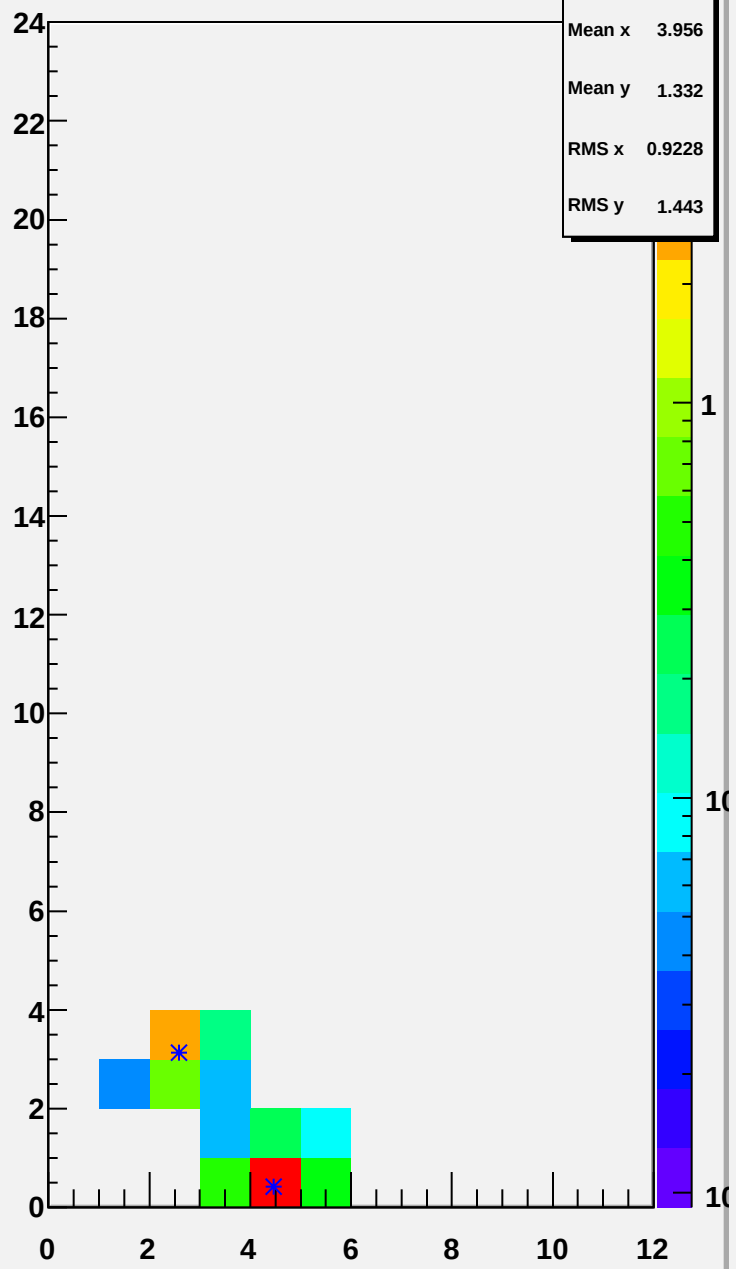
RMS x 3.382

RMS y 1.006

NSTB3_r4_c3_En=13.5_m0=0.119_m1=0.119_index=855



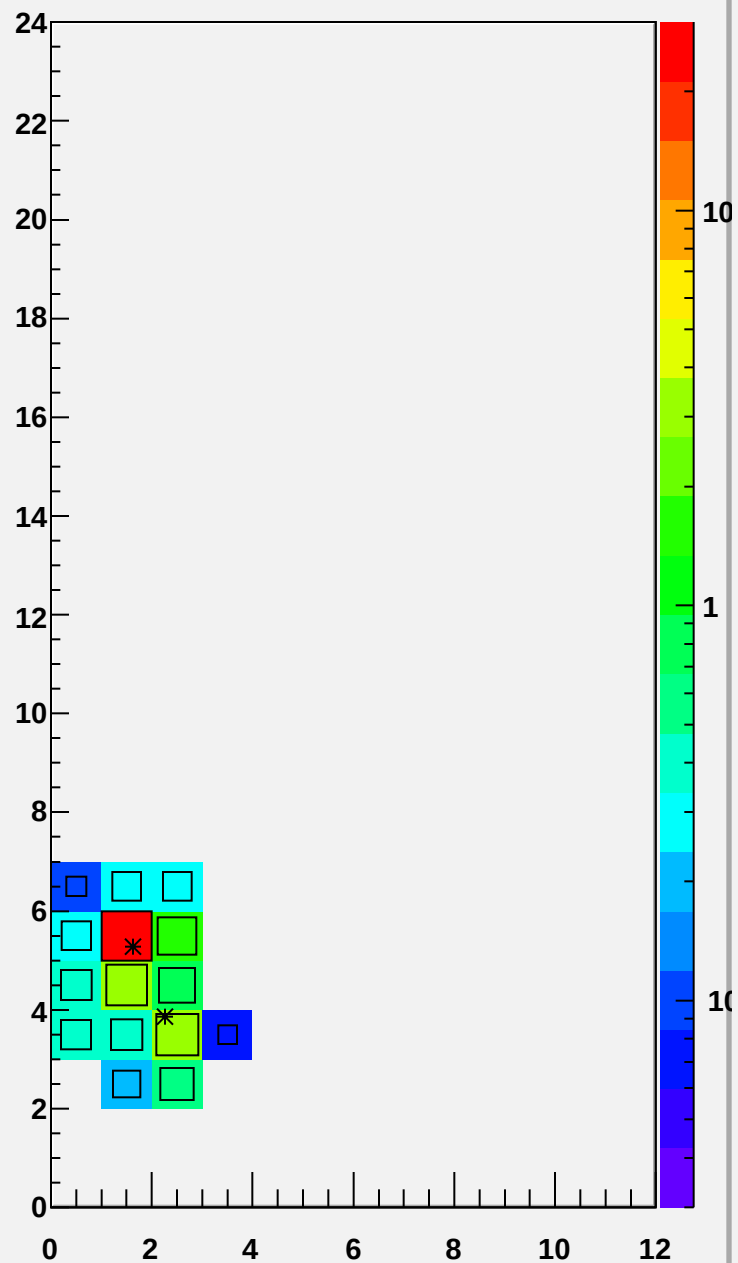
Fitted Energies



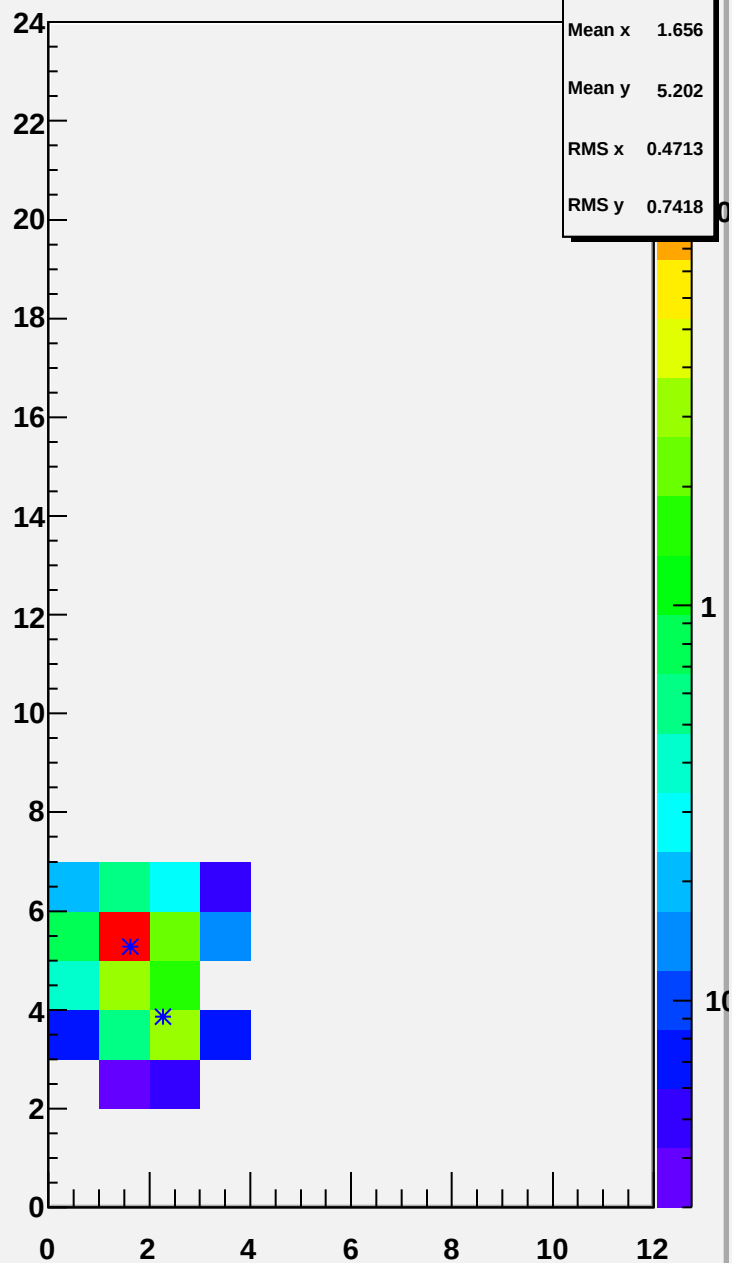
Efit

Entries	288
Mean x	3.956
Mean y	1.332
RMS x	0.9228
RMS y	1.443

NSTB3_r4_c3_En=42.0_m0=0.124_m1=0.124_index=857



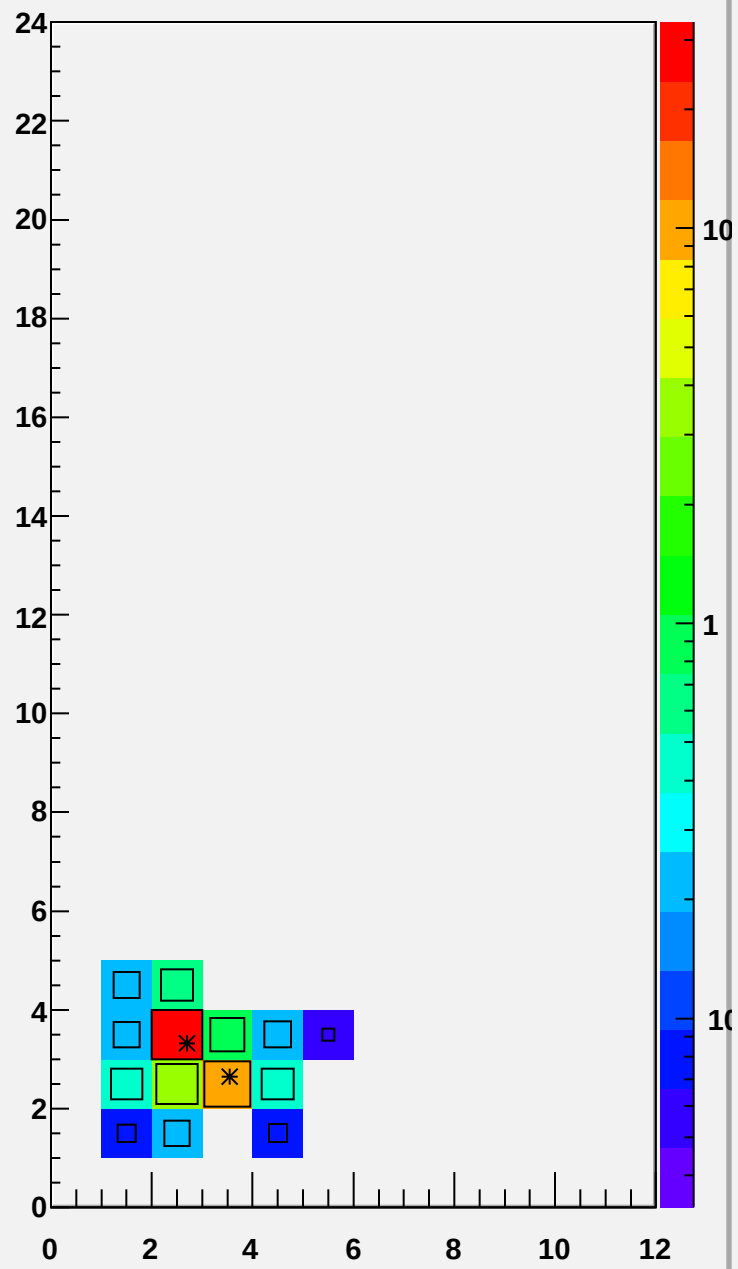
Fitted Energies



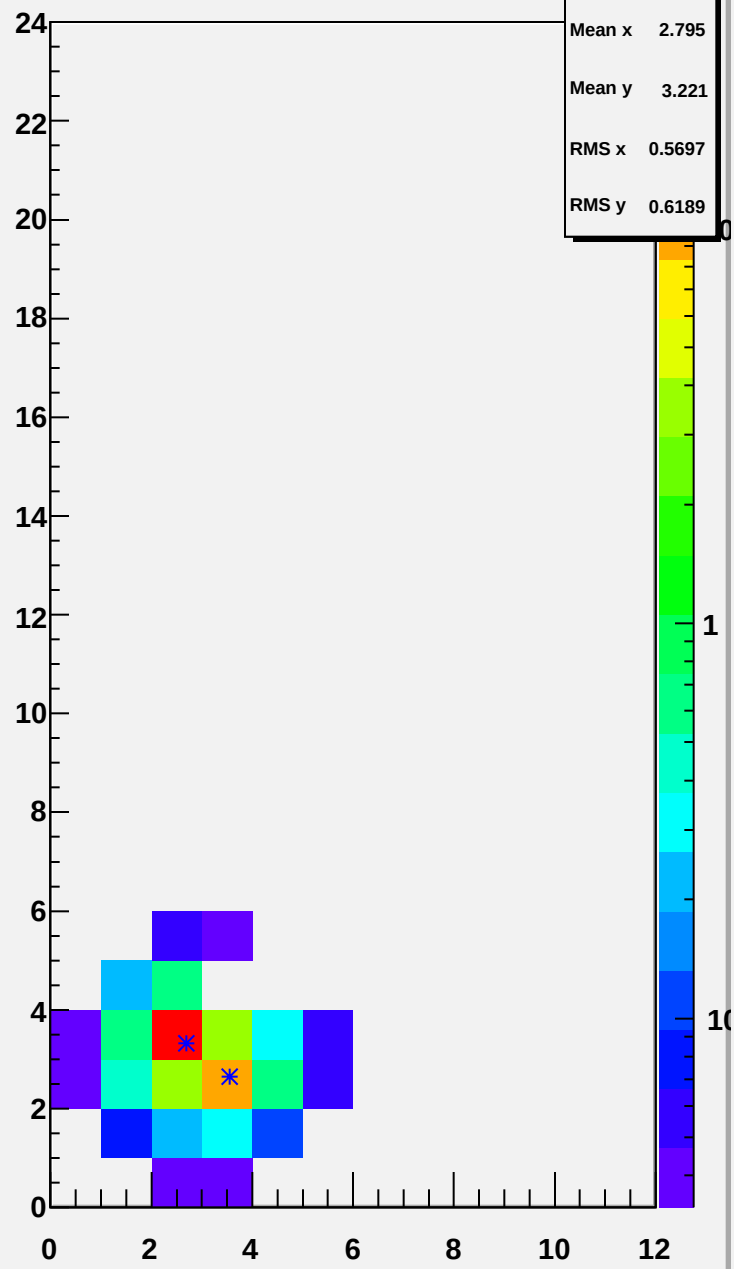
Efit

Entries	288
Mean x	1.656
Mean y	5.202
RMS x	0.4713
RMS y	0.7418

NSTB3_r4_c3_En=49.8_m0=0.136 m1=0.135 index=858



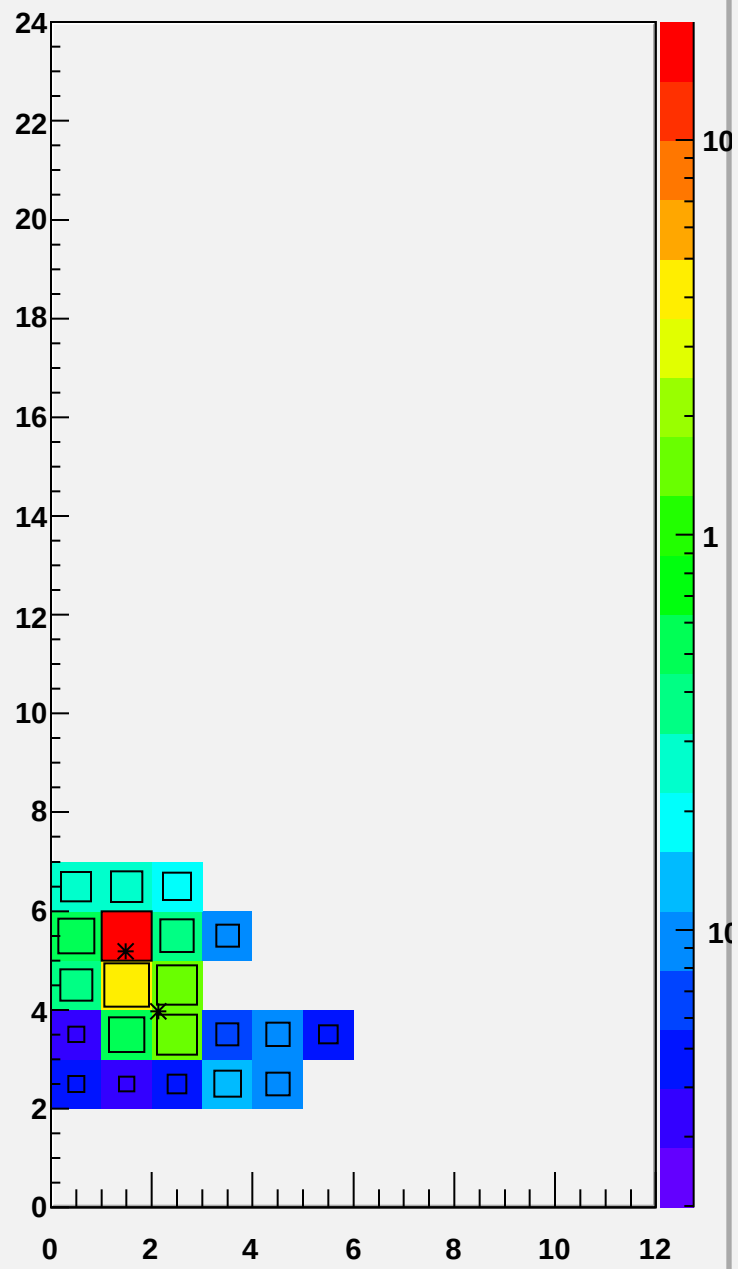
Fitted Energies



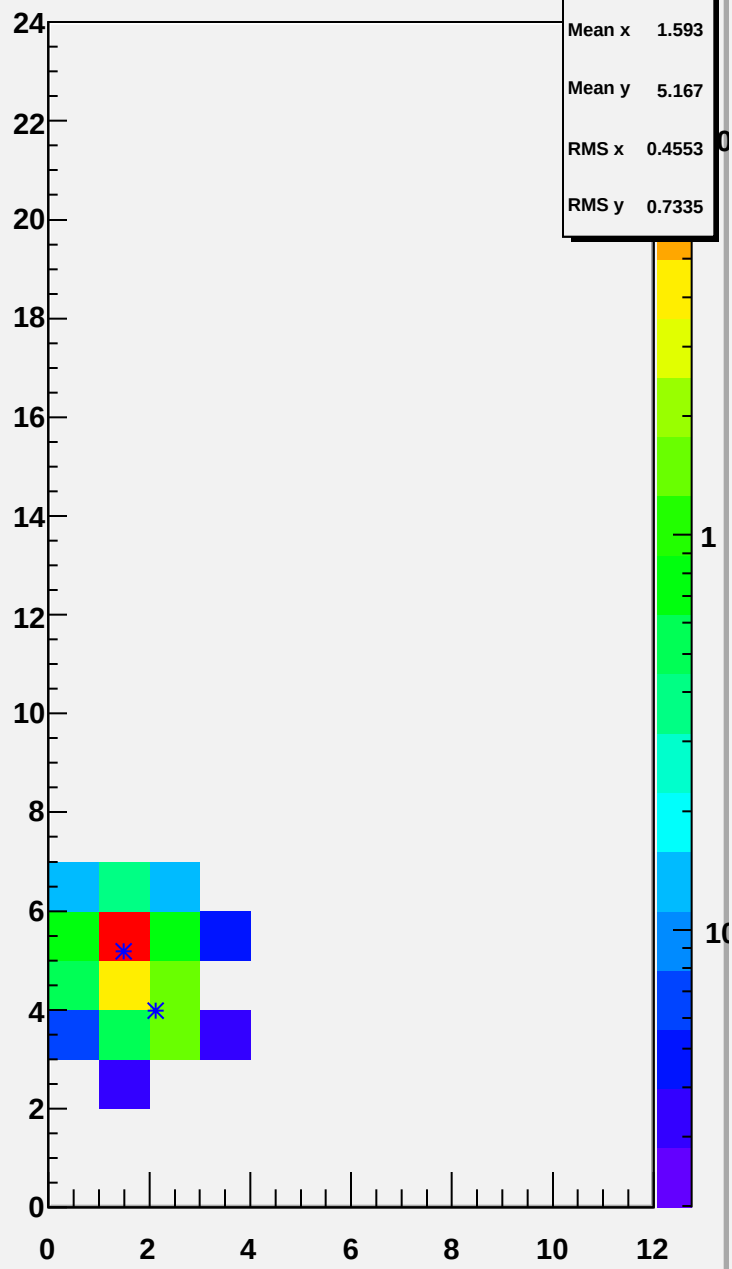
Efit

Entries	288
Mean x	2.795
Mean y	3.221
RMS x	0.5697
RMS y	0.6189

NSTB3_r4_c3_En=30.8_m0=0.078 m1=0.078 index=859



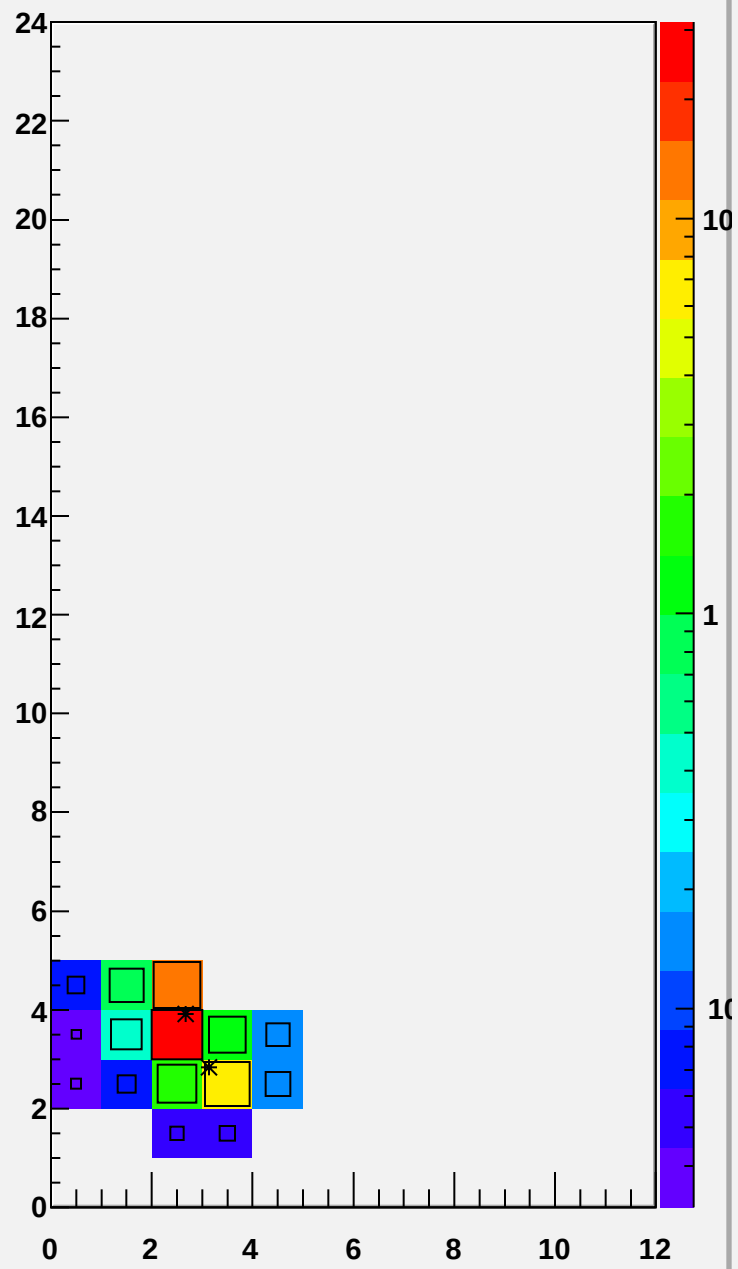
Fitted Energies



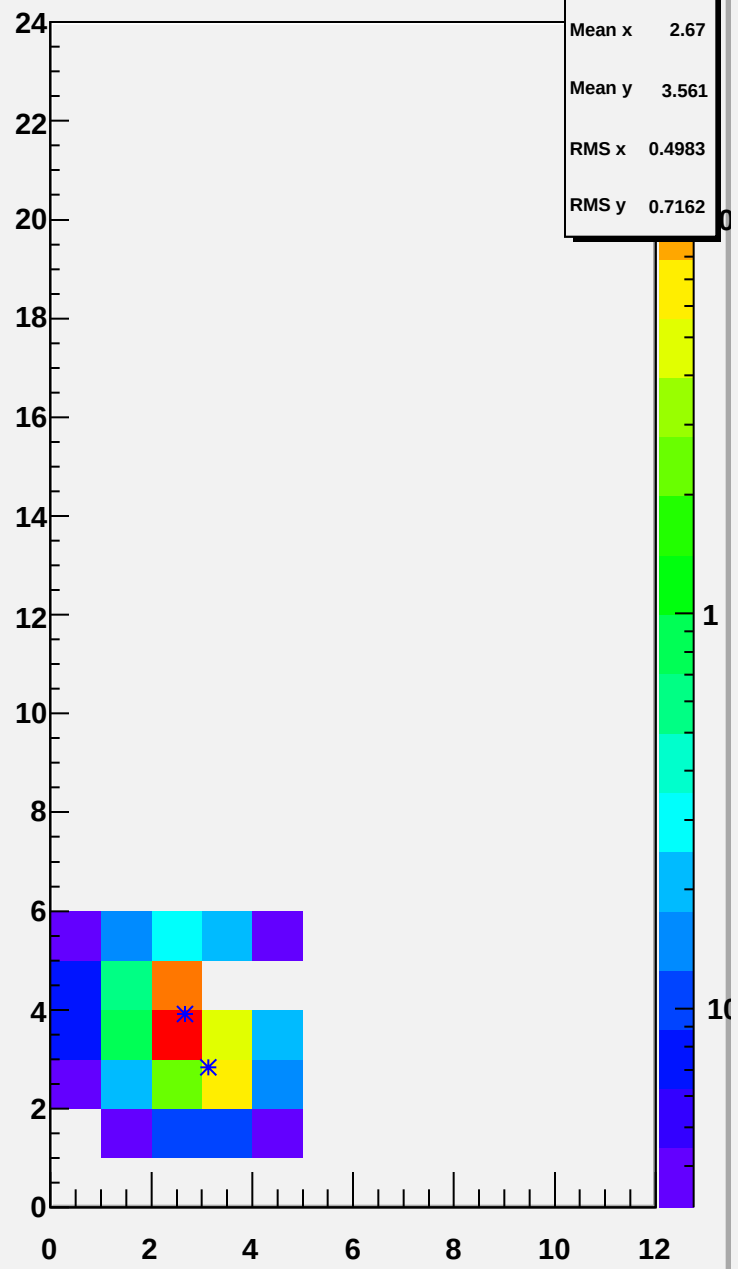
Efit

Entries	288
Mean x	1.593
Mean y	5.167
RMS x	0.4553
RMS y	0.7335

NSTB3_r4_c3_En=55.5_m0=0.153 m1=0.153 index=860



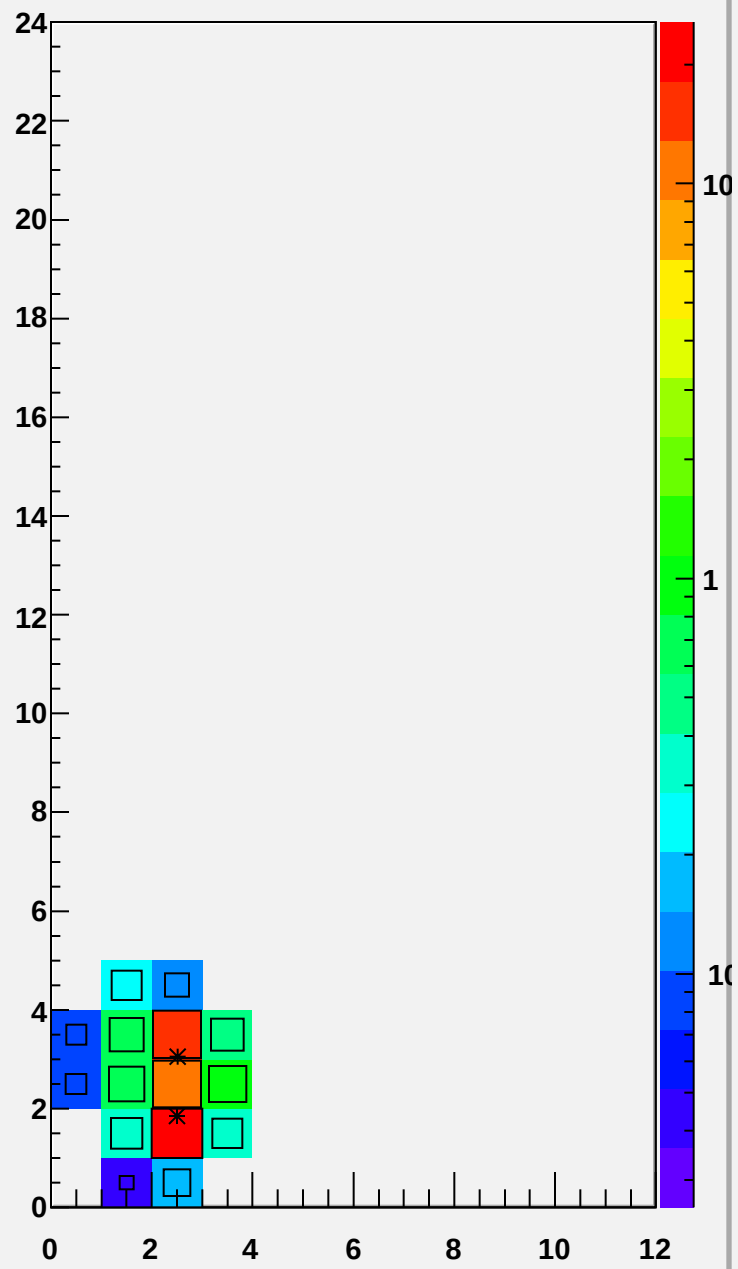
Fitted Energies



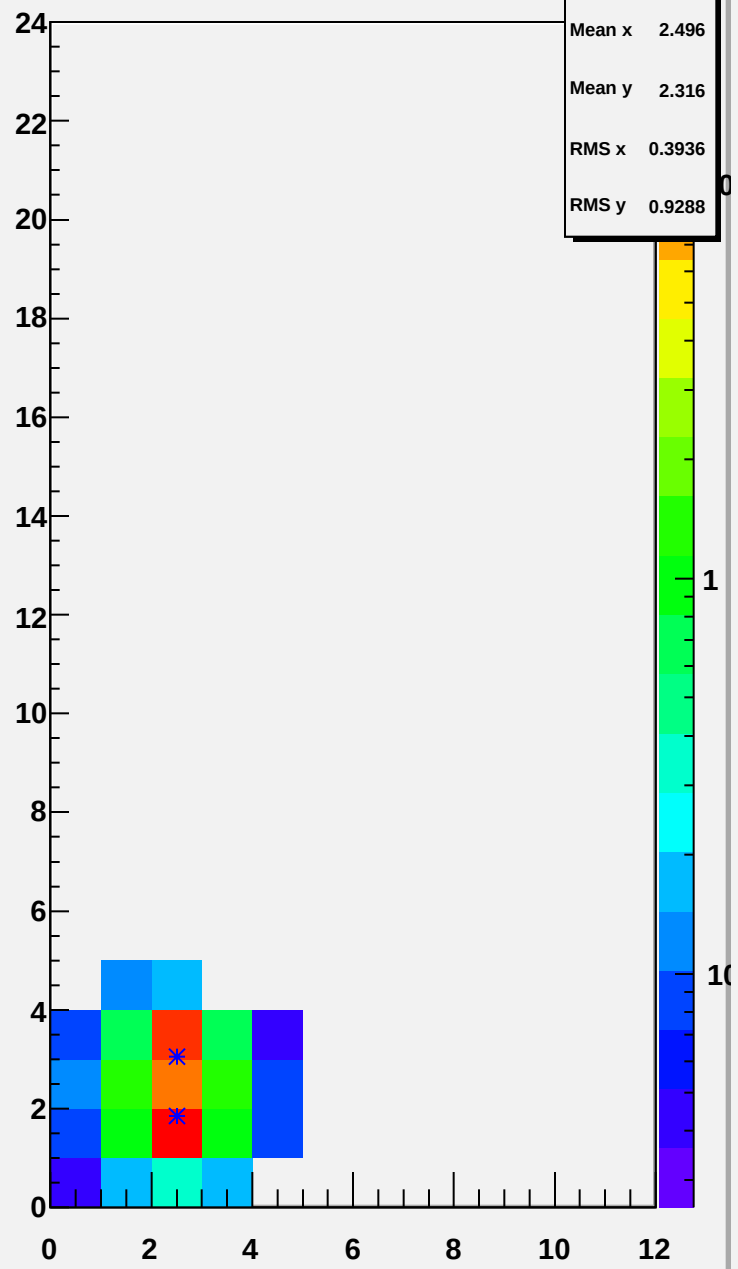
Efit

Entries	288
Mean x	2.67
Mean y	3.561
RMS x	0.4983
RMS y	0.7162

NSTB3_r4_c3_En=57.4_m0=0.191 m1=0.191 index=862



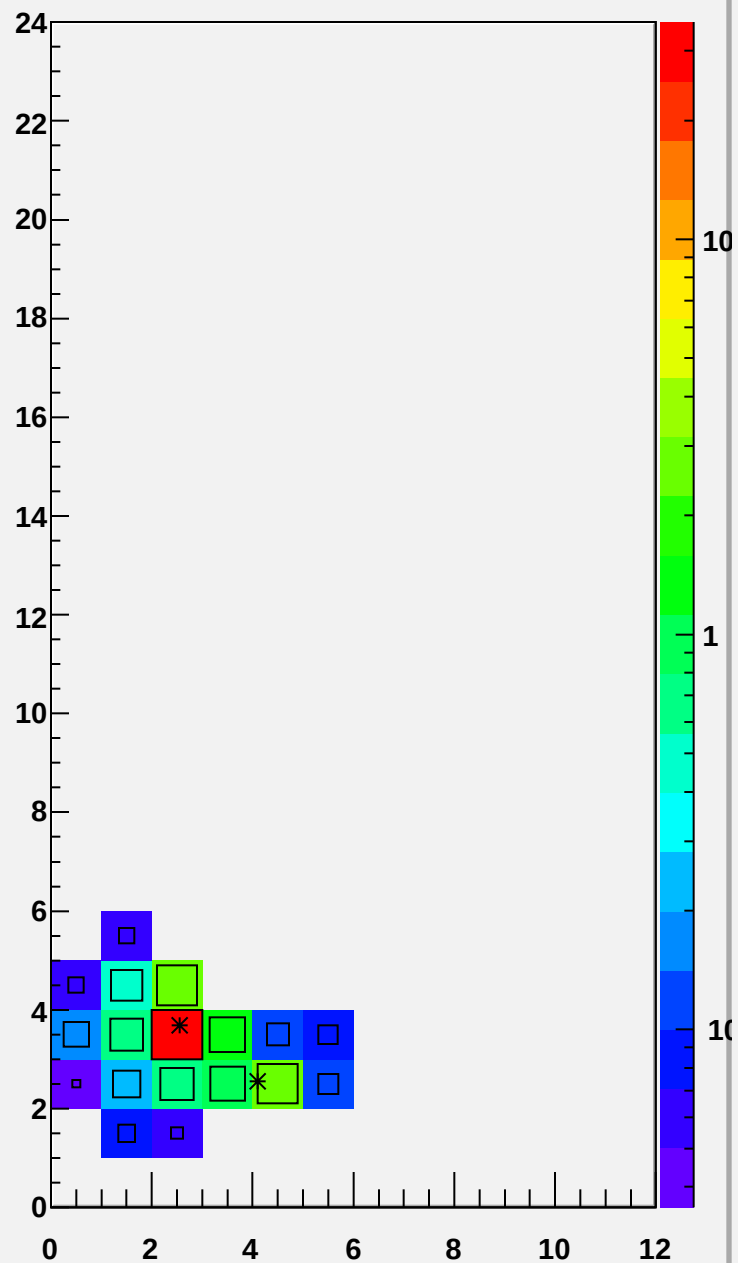
Fitted Energies



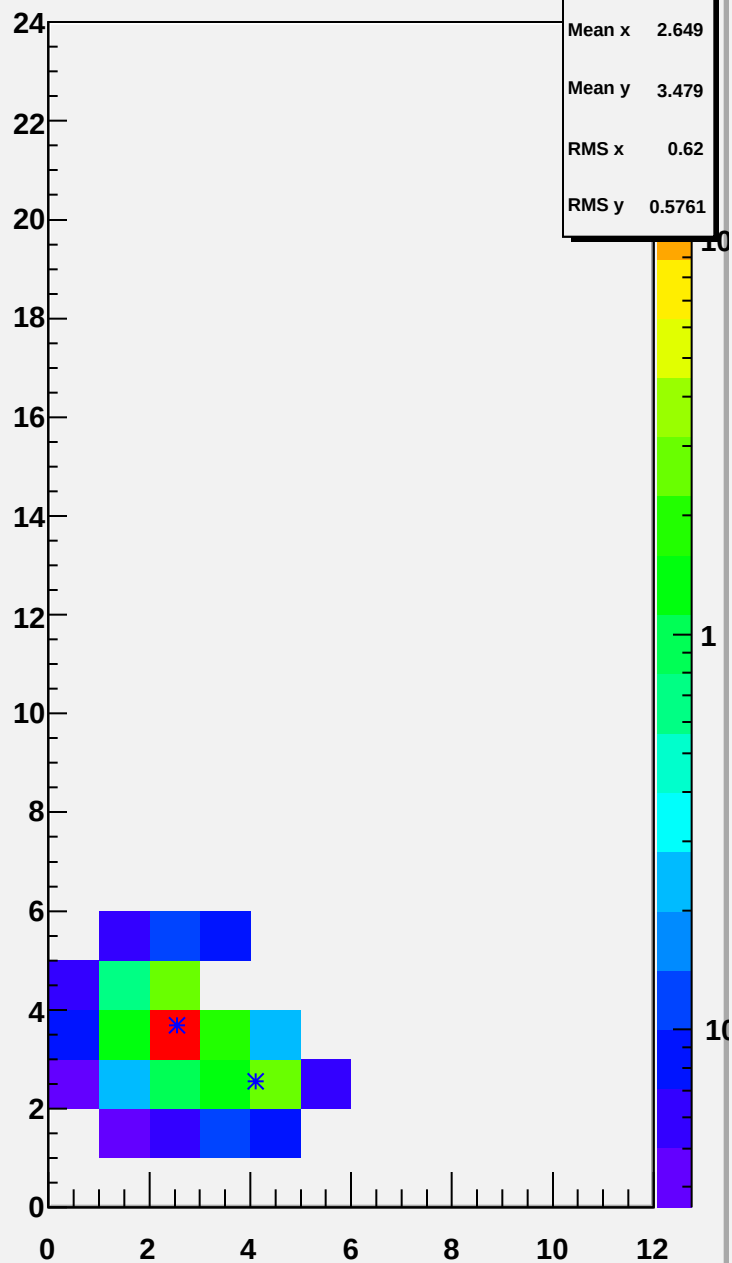
Efit

Entries	288
Mean x	2.496
Mean y	2.316
RMS x	0.3936
RMS y	0.9288

NSTB3_r4_c3_En=46.3_m0=0.144 m1=0.144 index=863



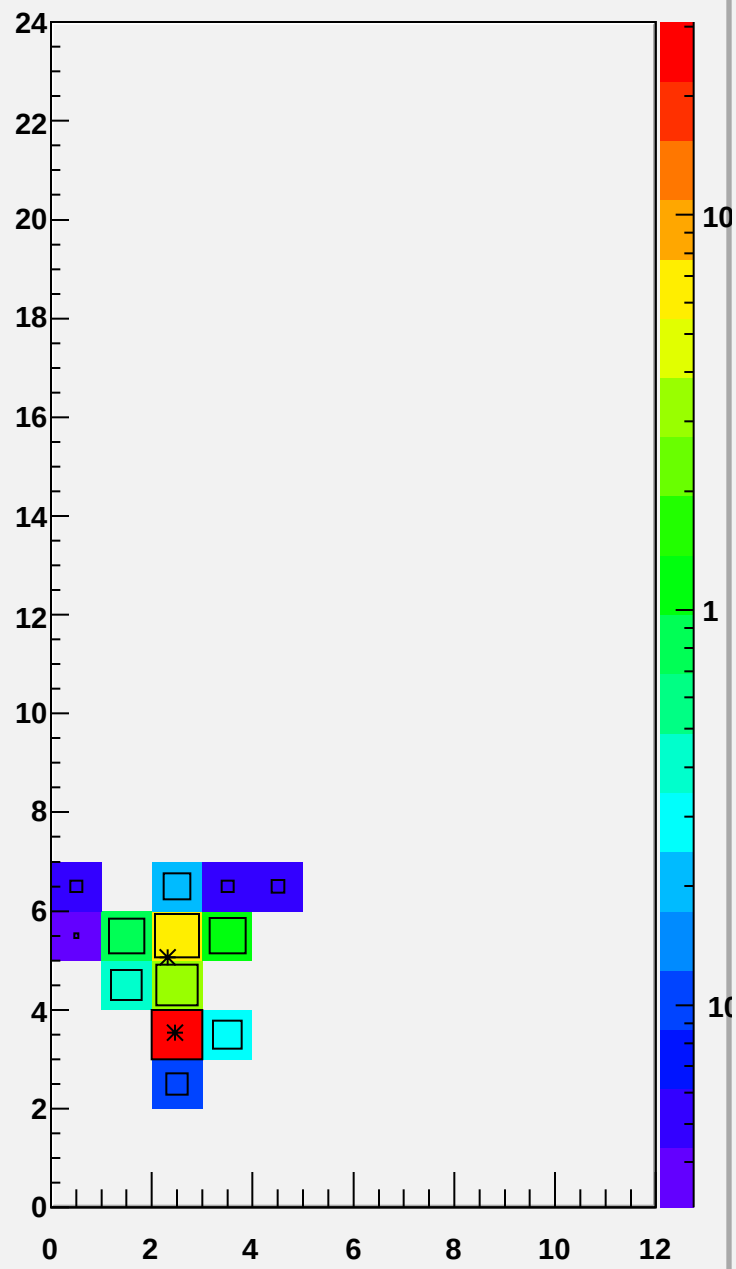
Fitted Energies



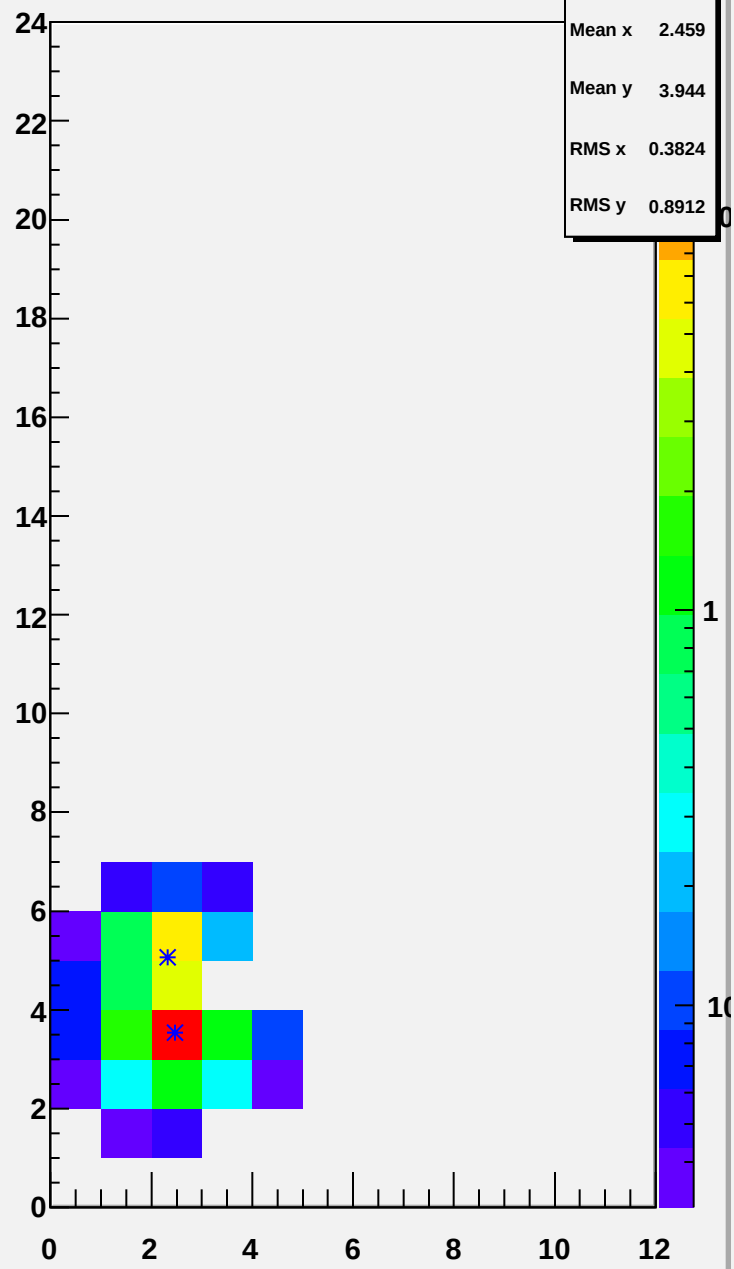
Efit

Entries	288
Mean x	2.649
Mean y	3.479
RMS x	0.62
RMS y	0.5761

NSTB3_r4_c3_En=43.8_m0=0.172 m1=0.172 index=864



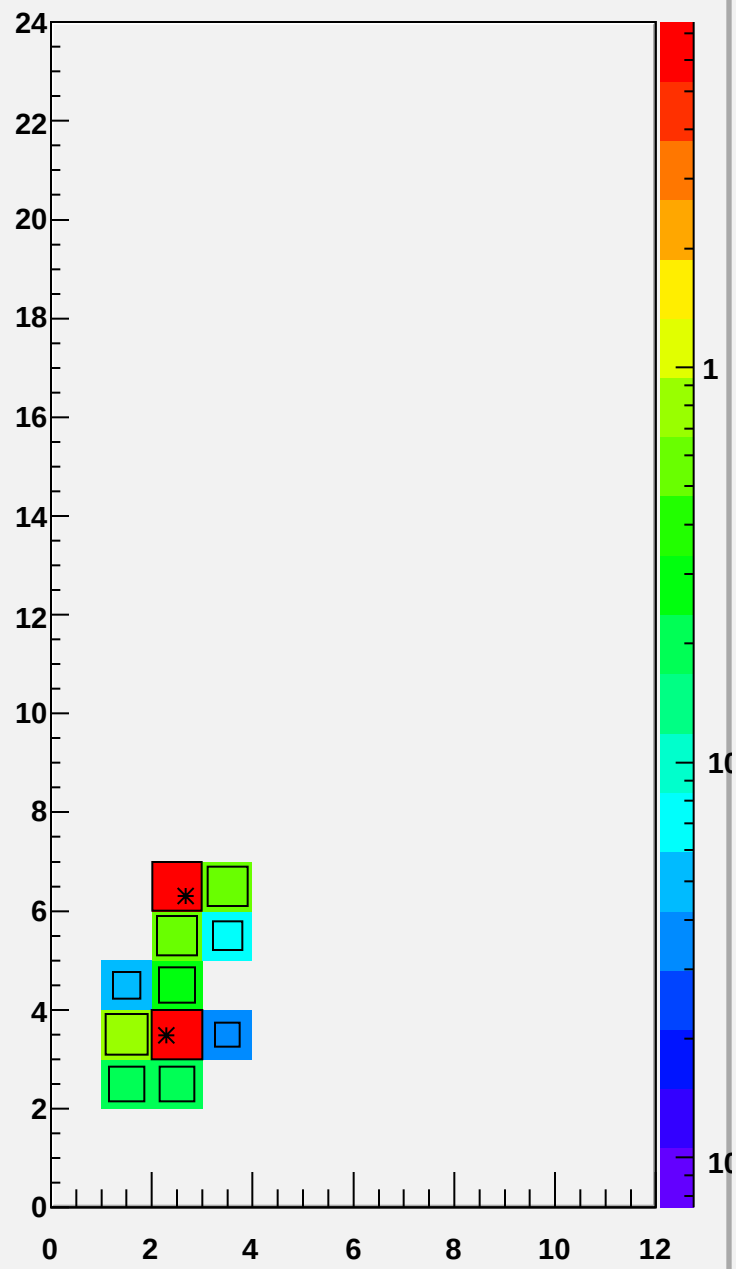
Fitted Energies



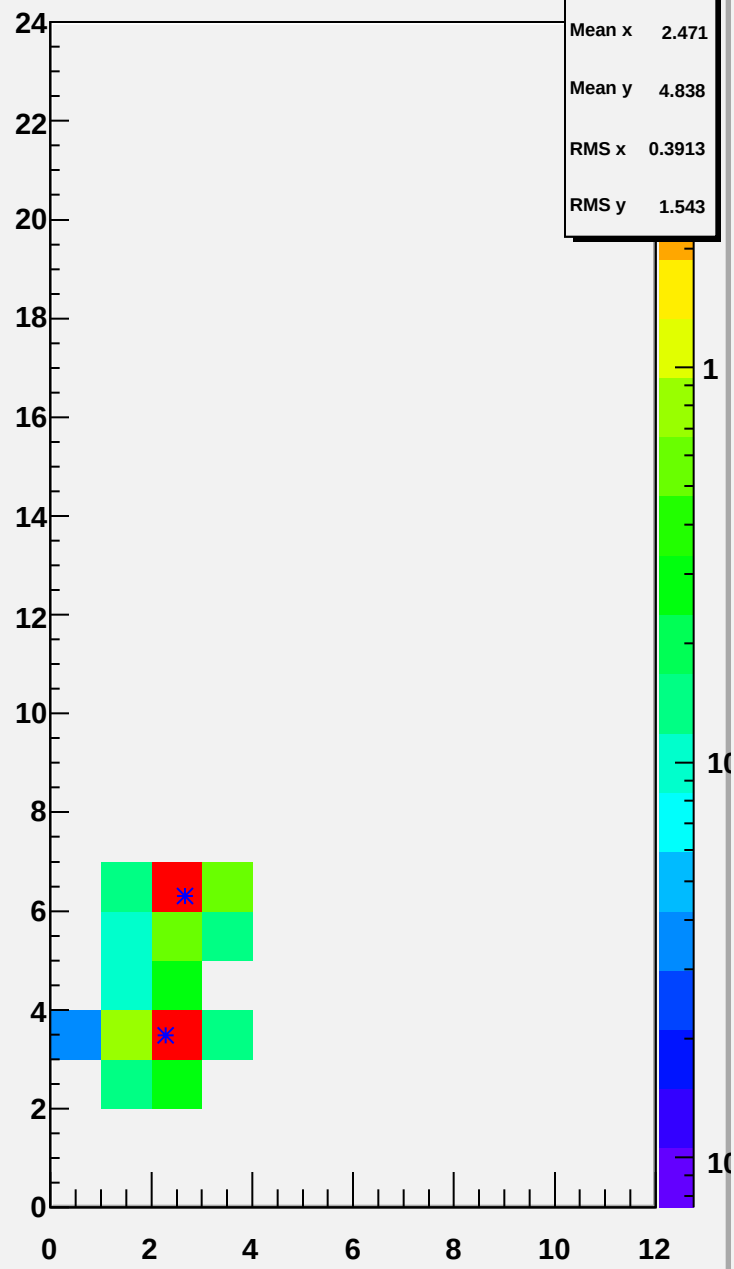
Efit

Entries	288
Mean x	2.459
Mean y	3.944
RMS x	0.3824
RMS y	0.8912

NSTB3_r4_c3_En=16.6_m0=0.138 m1=0.138 index=865



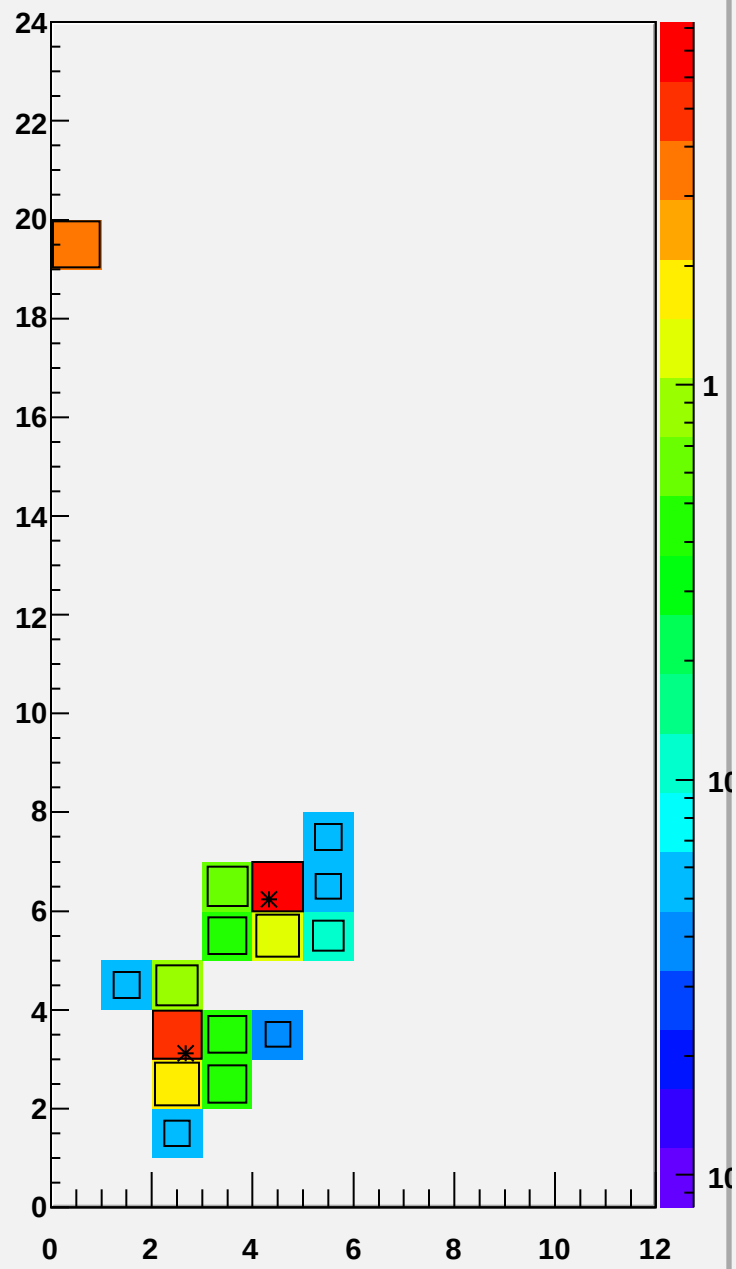
Fitted Energies



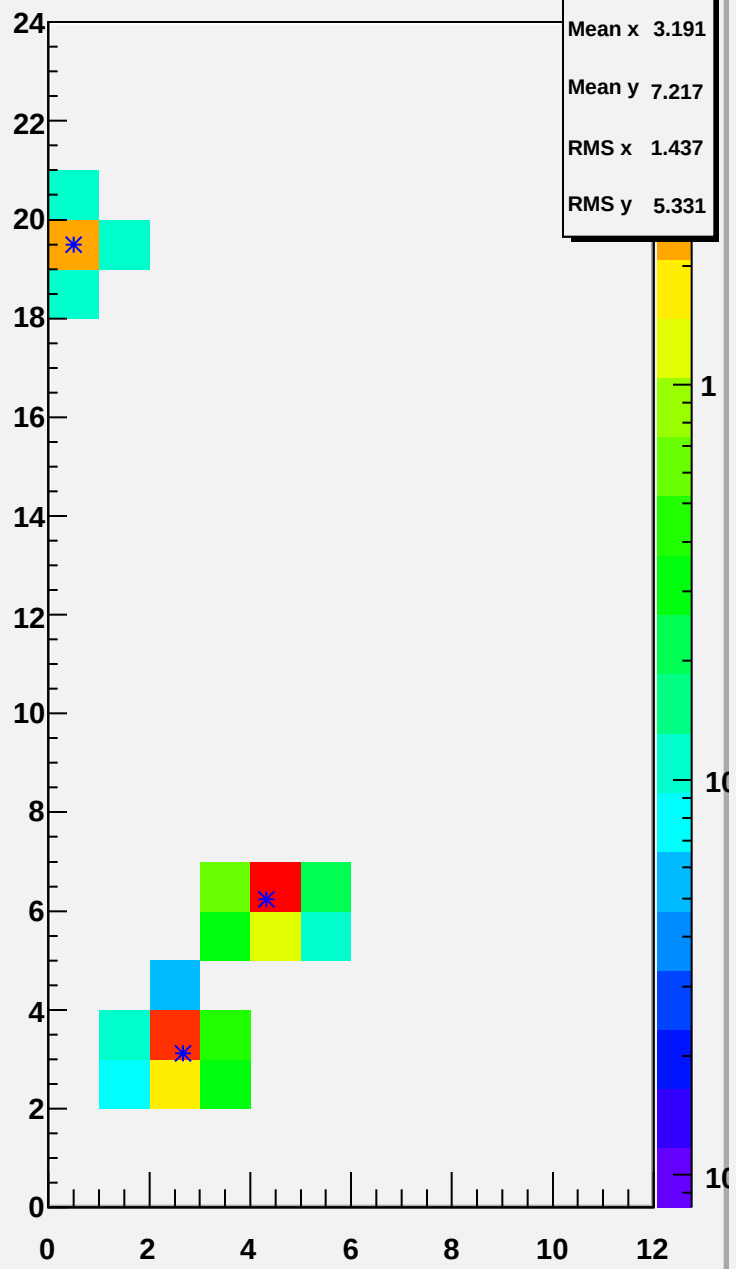
Efit

Entries	288
Mean x	2.471
Mean y	4.838
RMS x	0.3913
RMS y	1.543

NSTB3_r4_c3_En=22.3_m0=0.183 m1=0.183 index=866



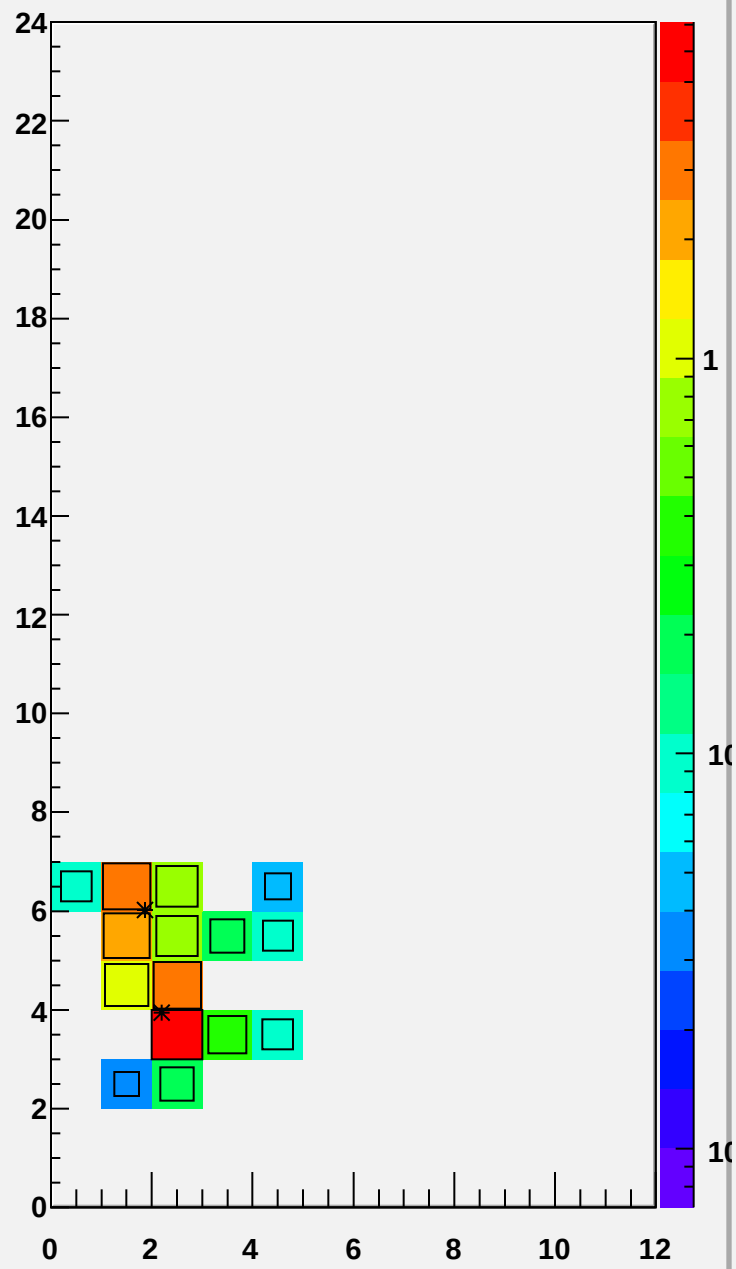
Fitted Energies



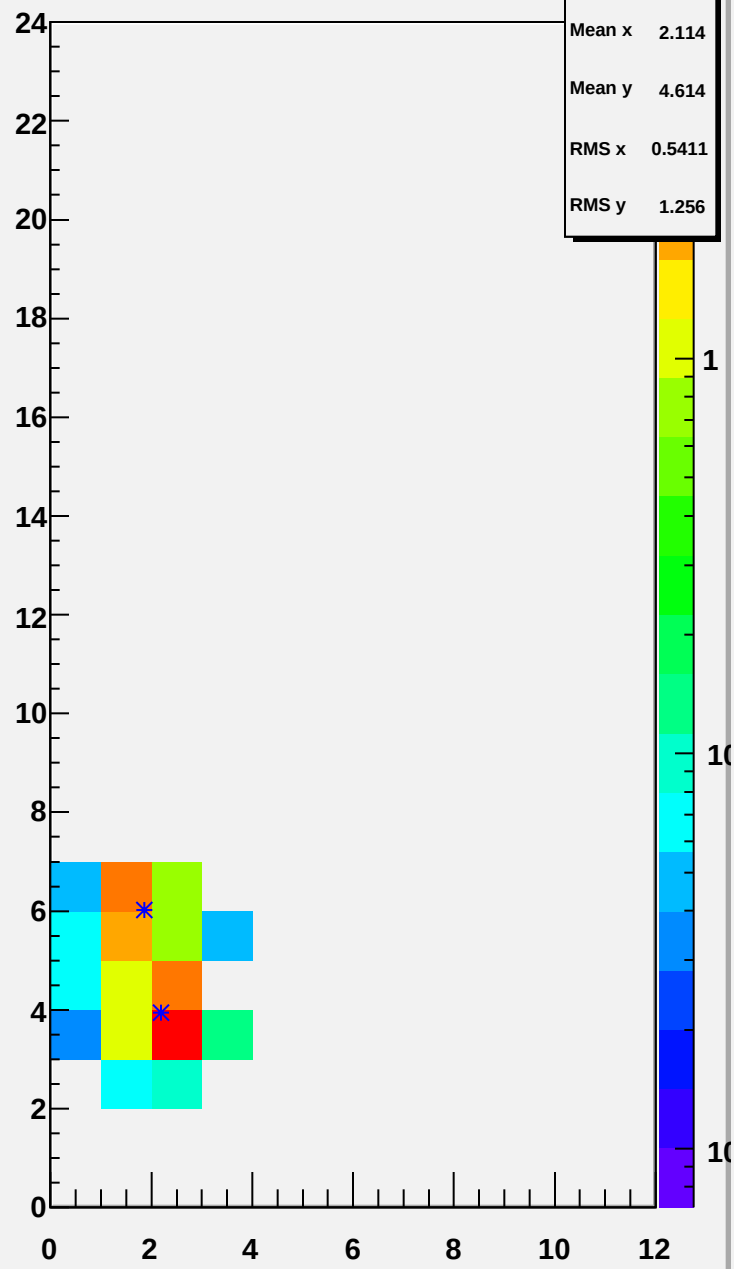
Efit

Entries 288
Mean x 3.191
Mean y 7.217
RMS x 1.437
RMS y 5.331

NSTB3_r4_c3_En=18.9_m0=0.113 m1=0.113 index=867



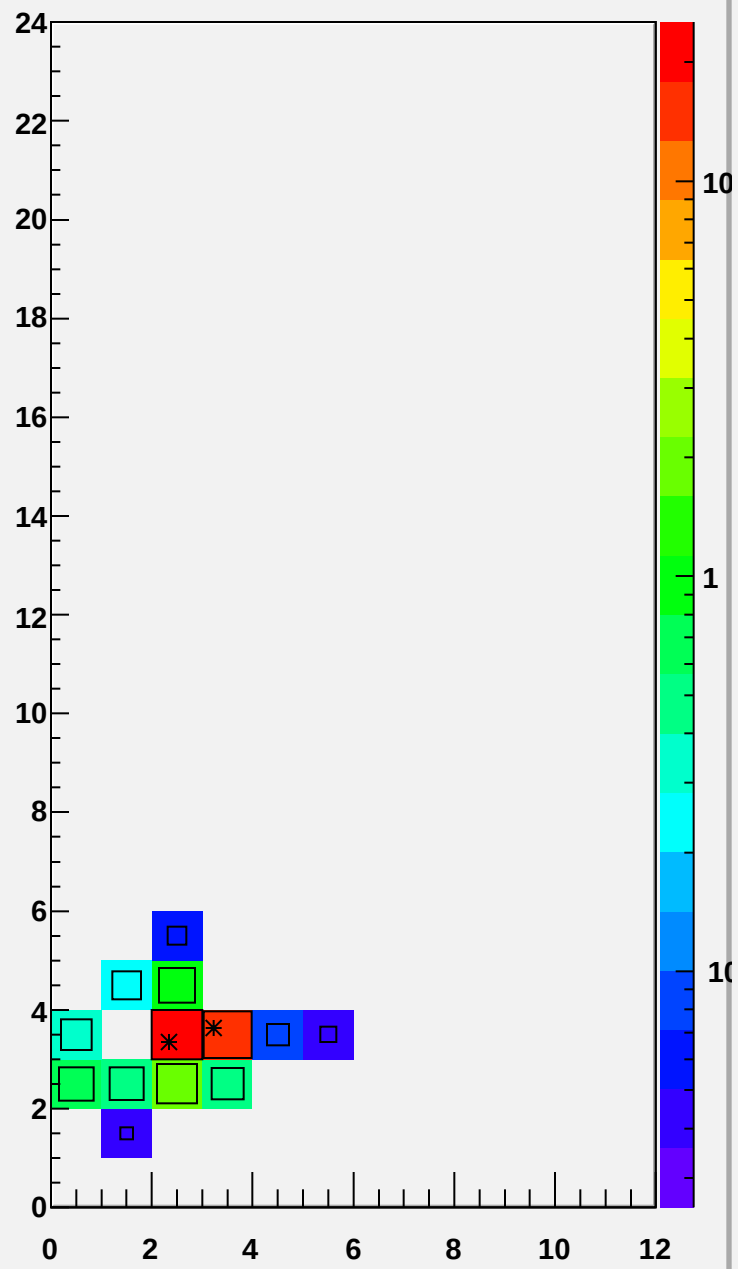
Fitted Energies



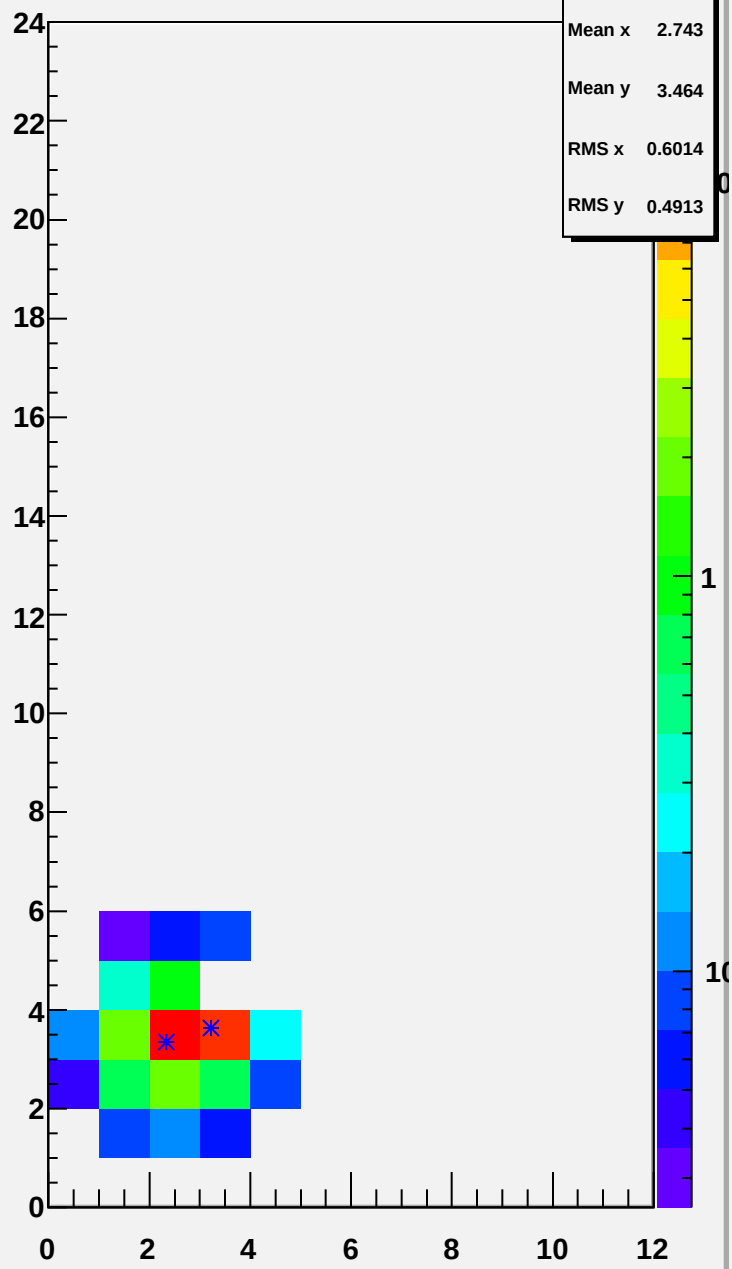
Efit

Entries	288
Mean x	2.114
Mean y	4.614
RMS x	0.5411
RMS y	1.256

NSTB3_r4_c3_En=43.8_m0=0.112_m1=0.113_index=869



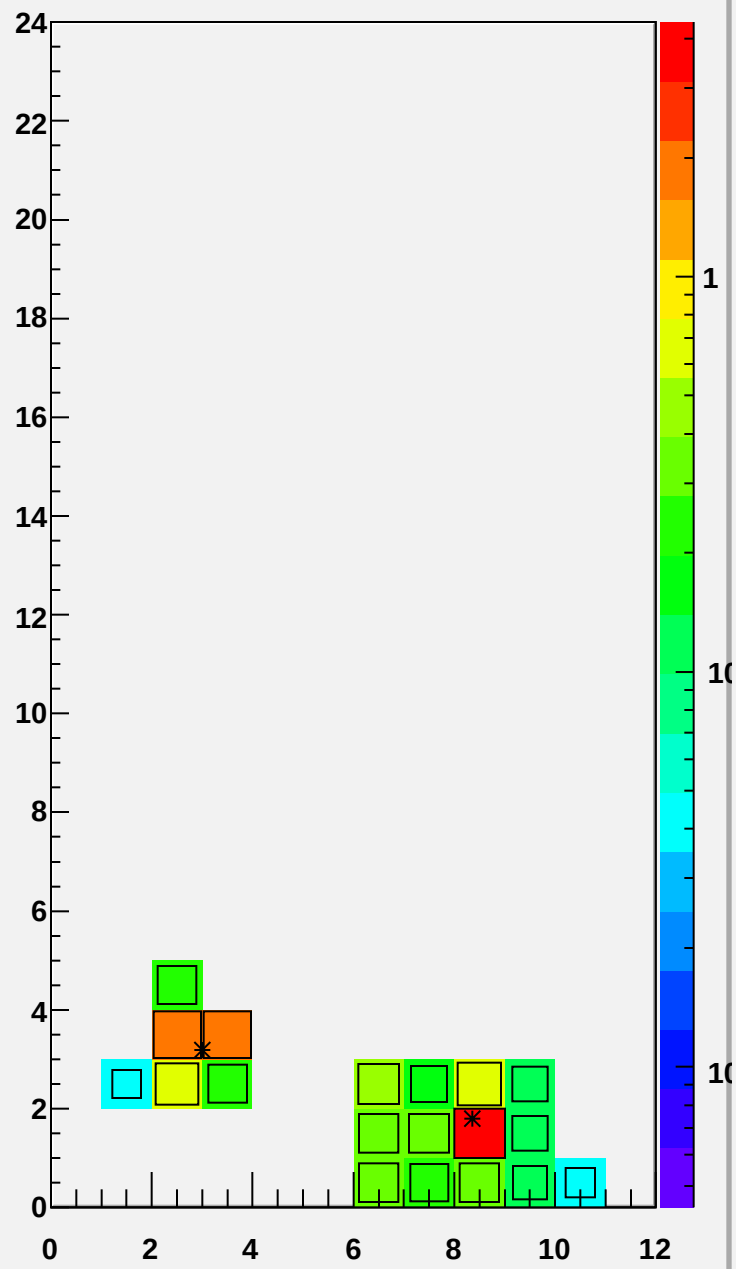
Fitted Energies



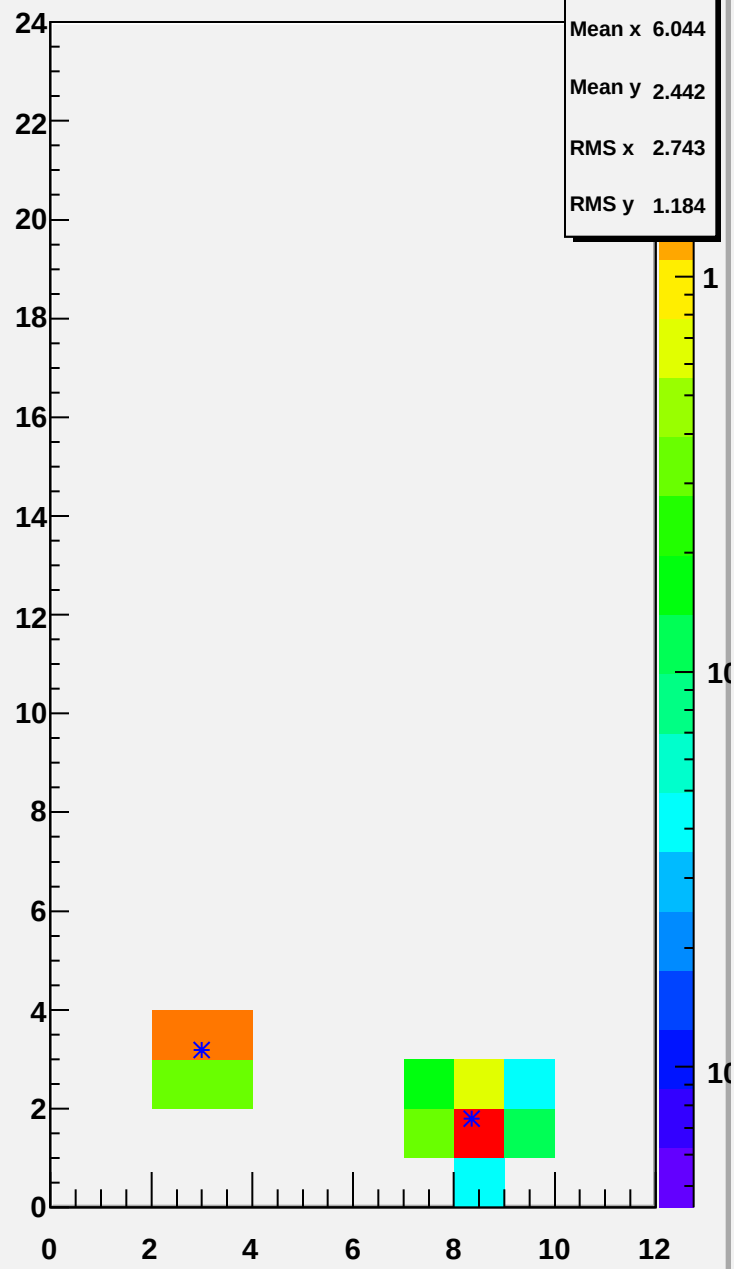
Efit

Entries	288
Mean x	2.743
Mean y	3.464
RMS x	0.6014
RMS y	0.4913

NSTB3_r4_c3_En=12.6_m0=0.167_m1=0.167_index=870



Fitted Energies



Efit

Entries 288

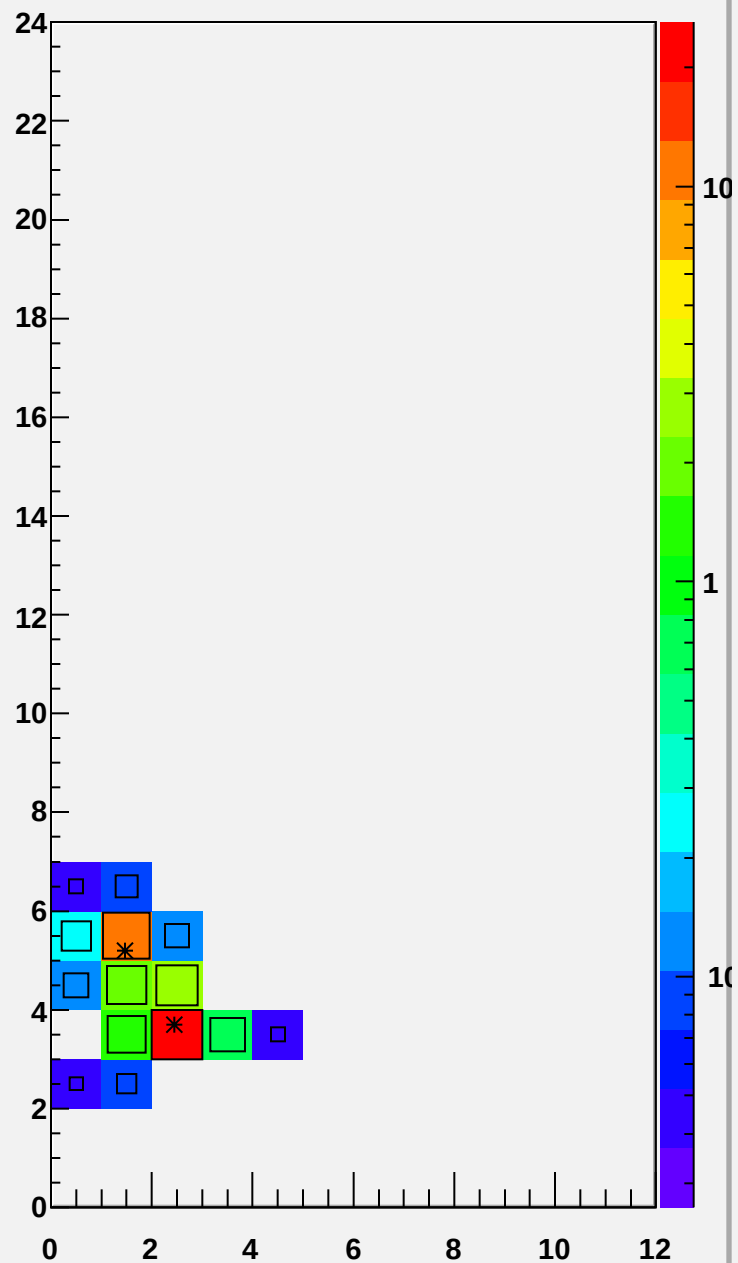
Mean x 6.044

Mean y 2.442

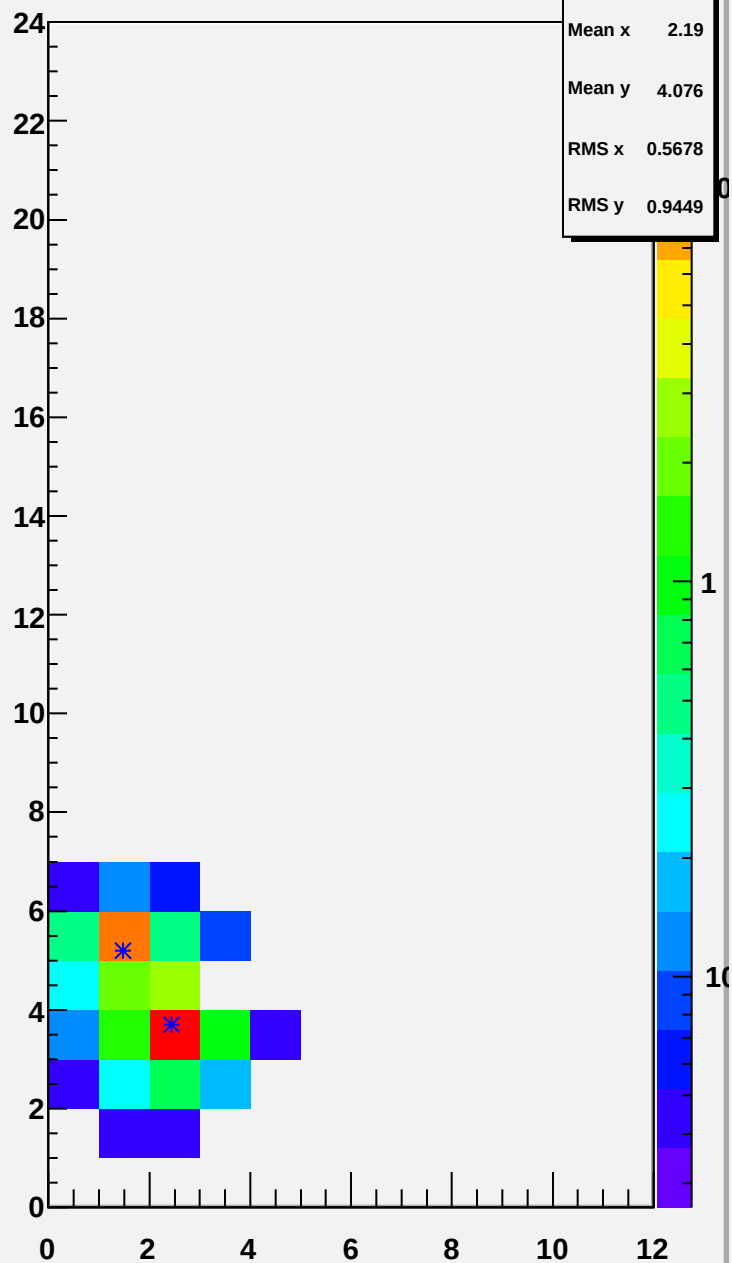
RMS x 2.743

RMS y 1.184

NSTB3_r4_c3_En=42.5_m0=0.203 m1=0.203 index=871



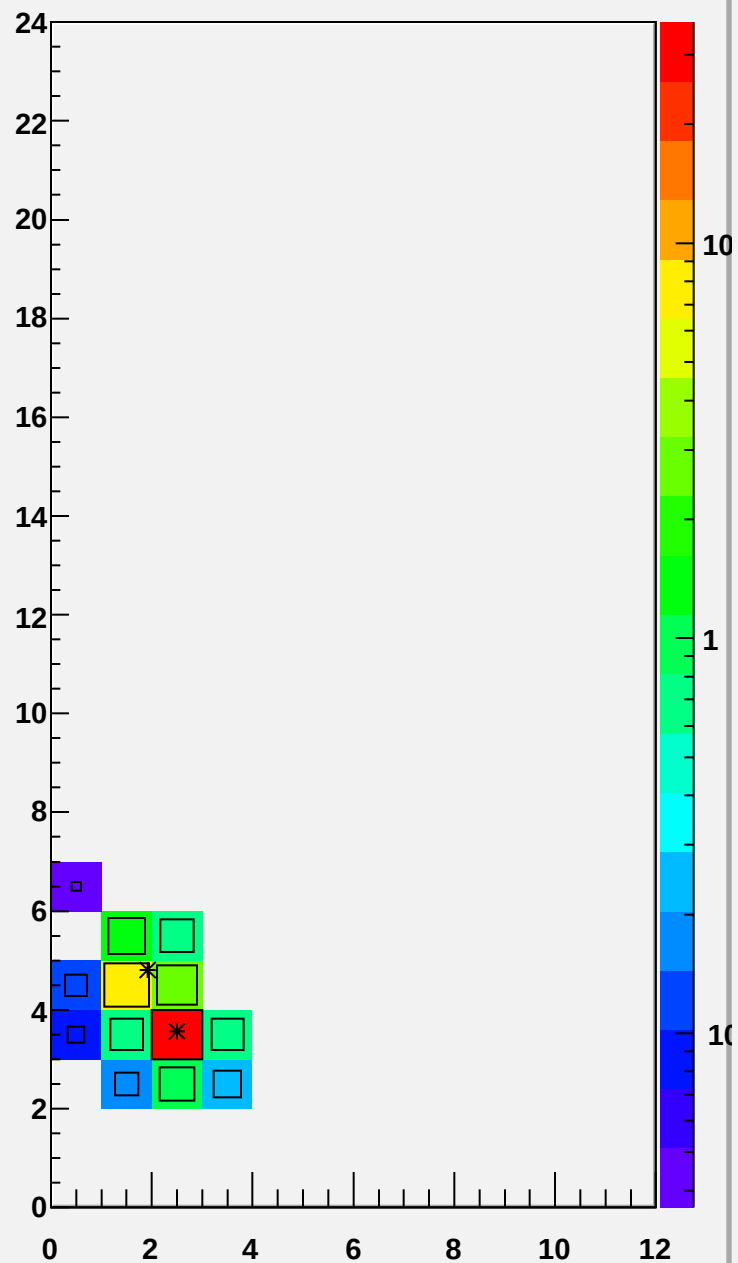
Fitted Energies



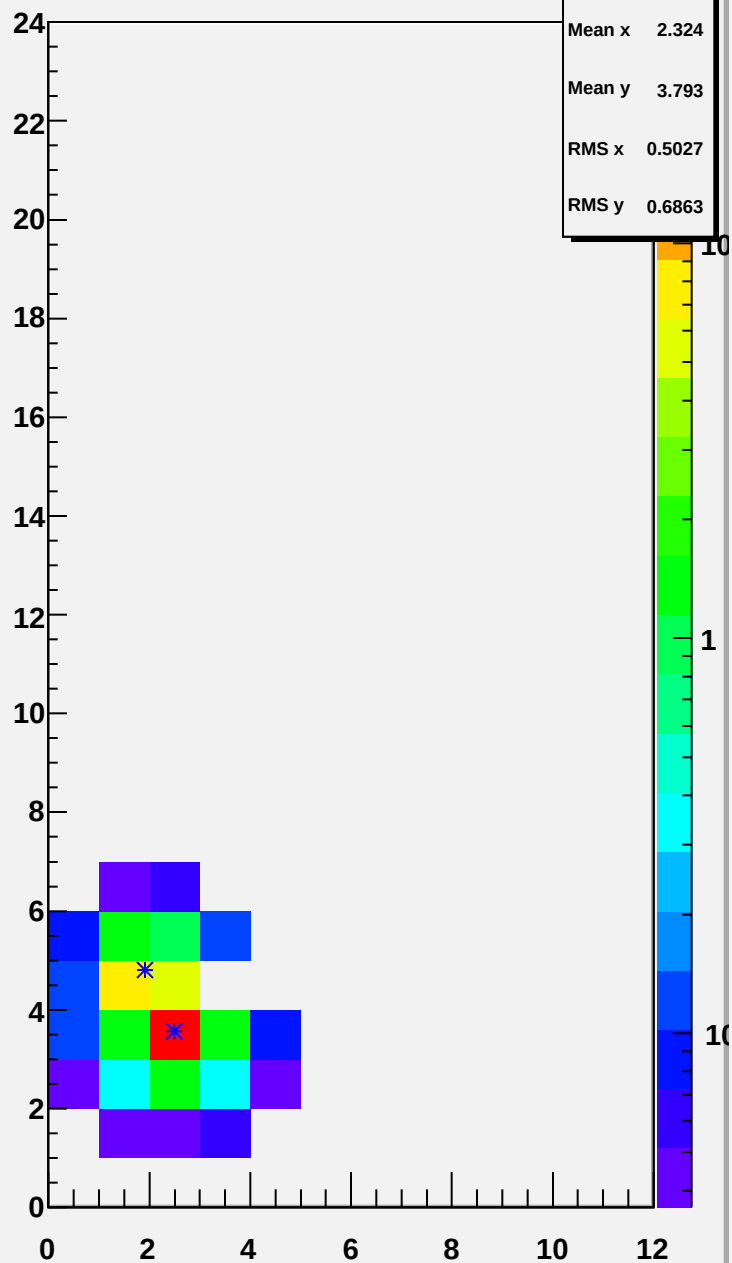
Efit

Entries	288
Mean x	2.19
Mean y	4.076
RMS x	0.5678
RMS y	0.9449

NSTB3_r4_c3_En=51.6_m0=0.179 m1=0.180 index=873



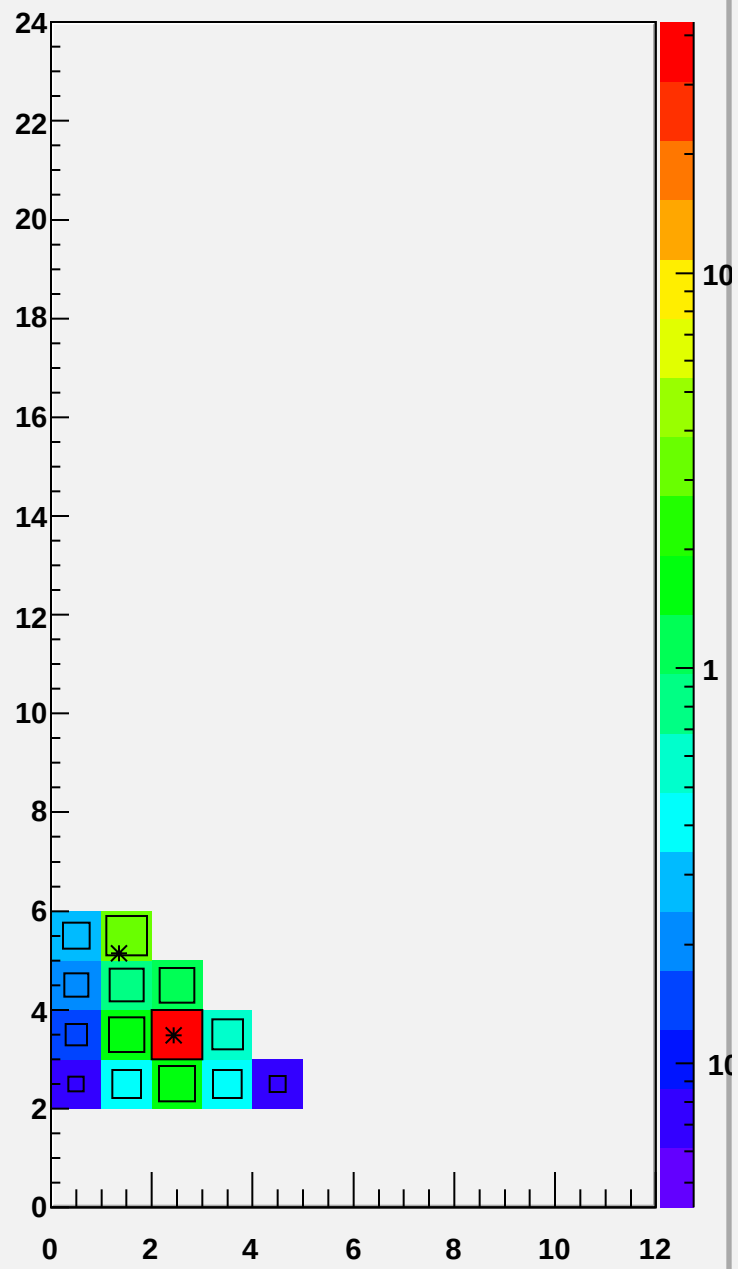
Fitted Energies



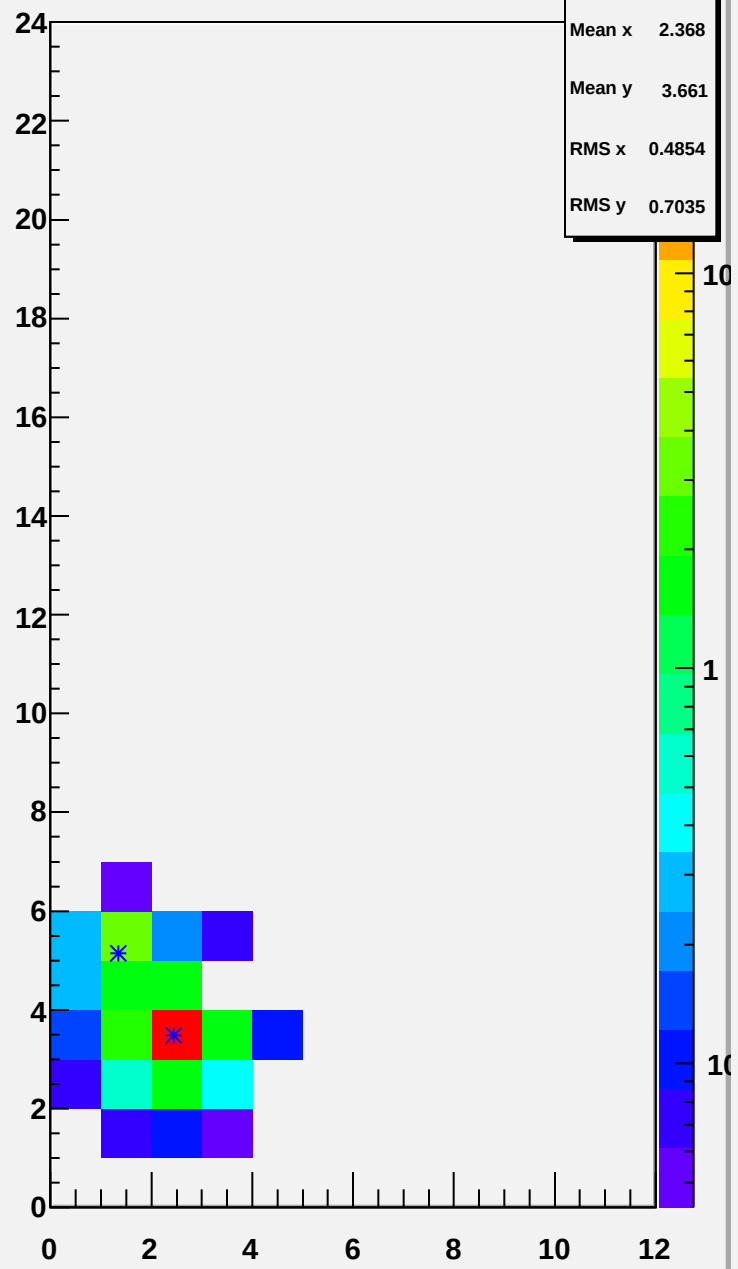
Efit

Entries	288
Mean x	2.324
Mean y	3.793
RMS x	0.5027
RMS y	0.6863

NSTB3_r4_c3_En=54.2_m0=0.184_m1=0.184_index=874



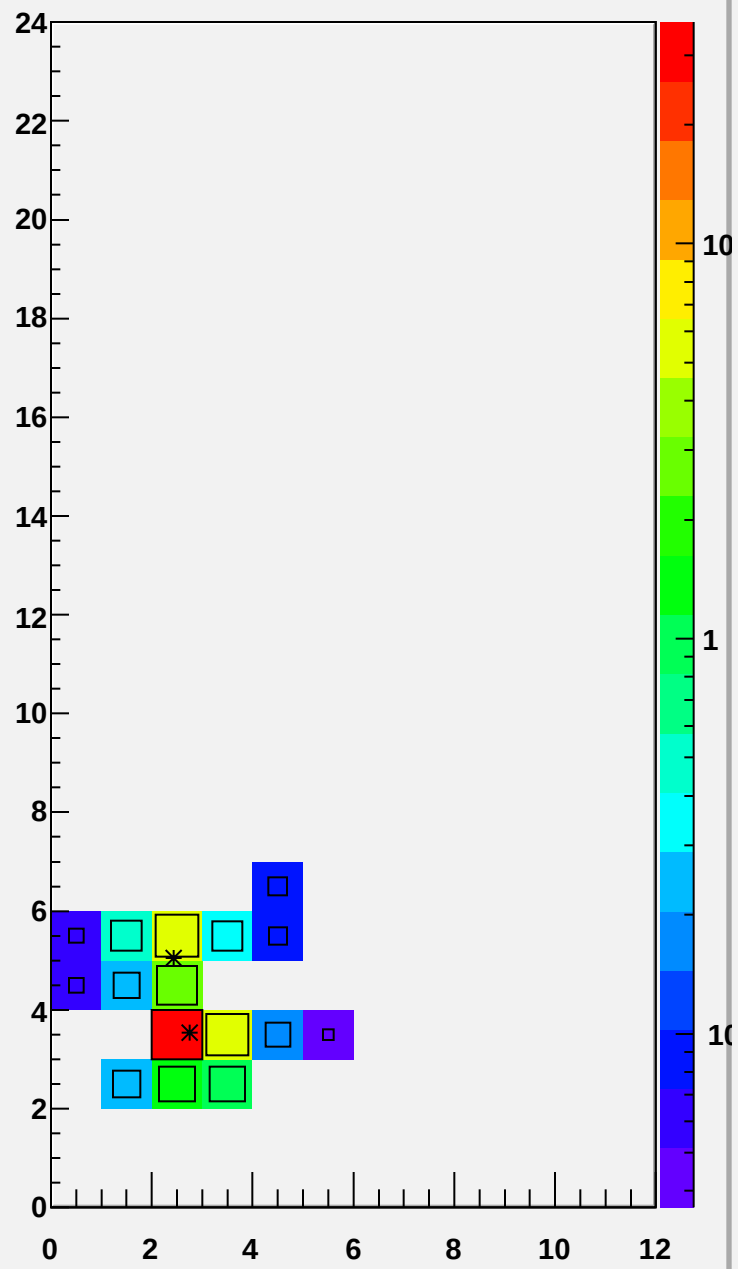
Fitted Energies



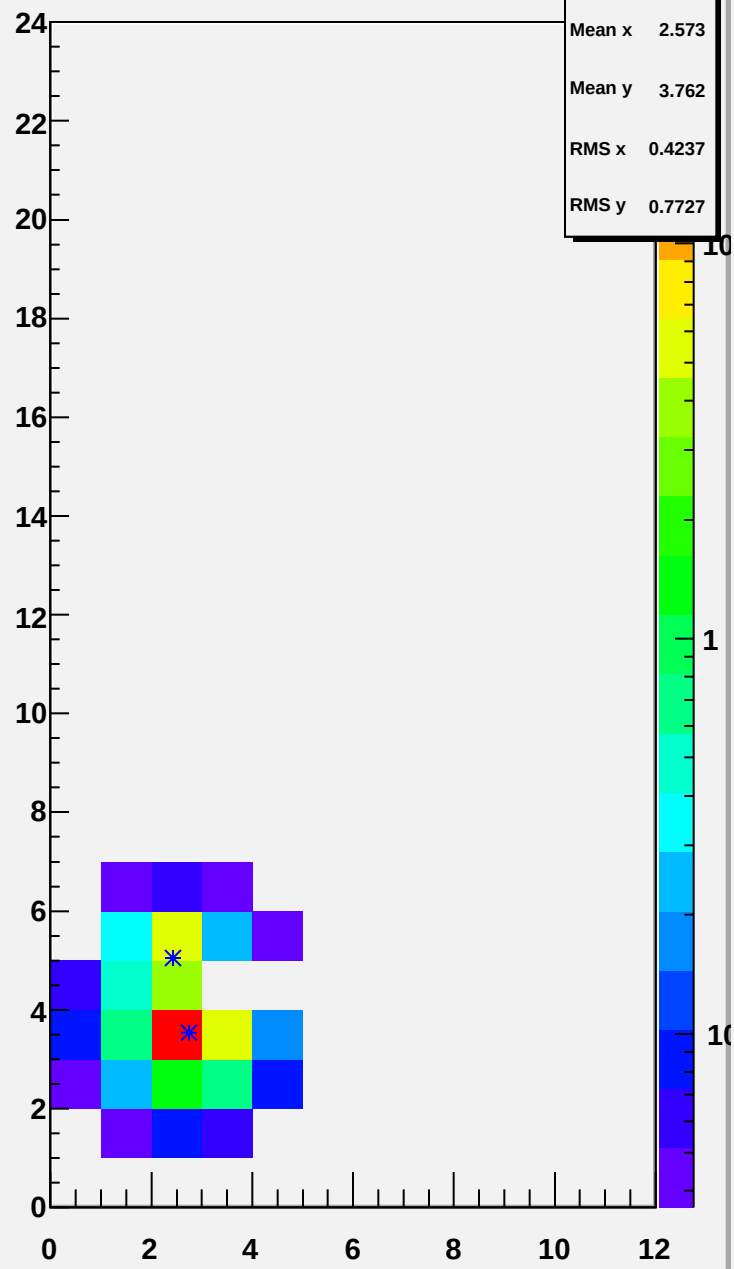
Efit

Entries	288
Mean x	2.368
Mean y	3.661
RMS x	0.4854
RMS y	0.7035

NSTB3_r4_c3_En=52.7_m0=0.174 m1=0.174 index=875



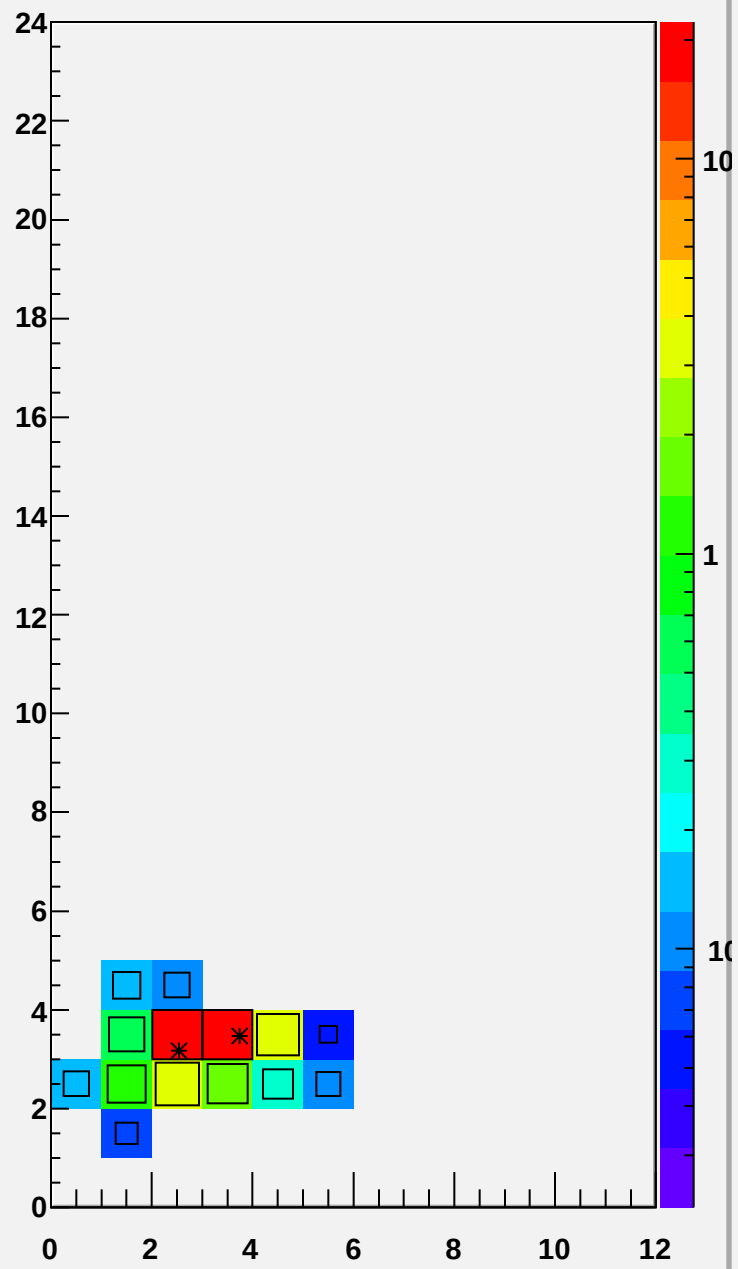
Fitted Energies



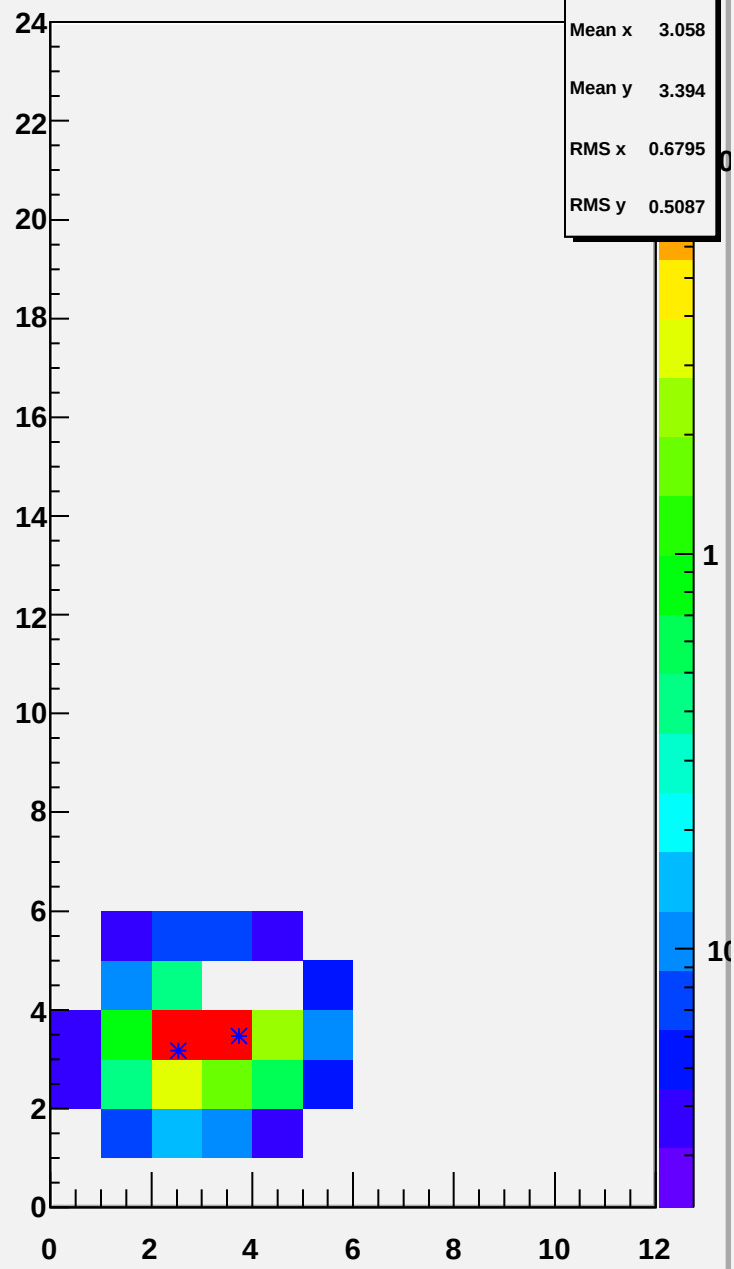
Efit

Entries	288
Mean x	2.573
Mean y	3.762
RMS x	0.4237
RMS y	0.7727

NSTB3_r4_c3_En=52.8_m0=0.180 m1=0.180 index=876



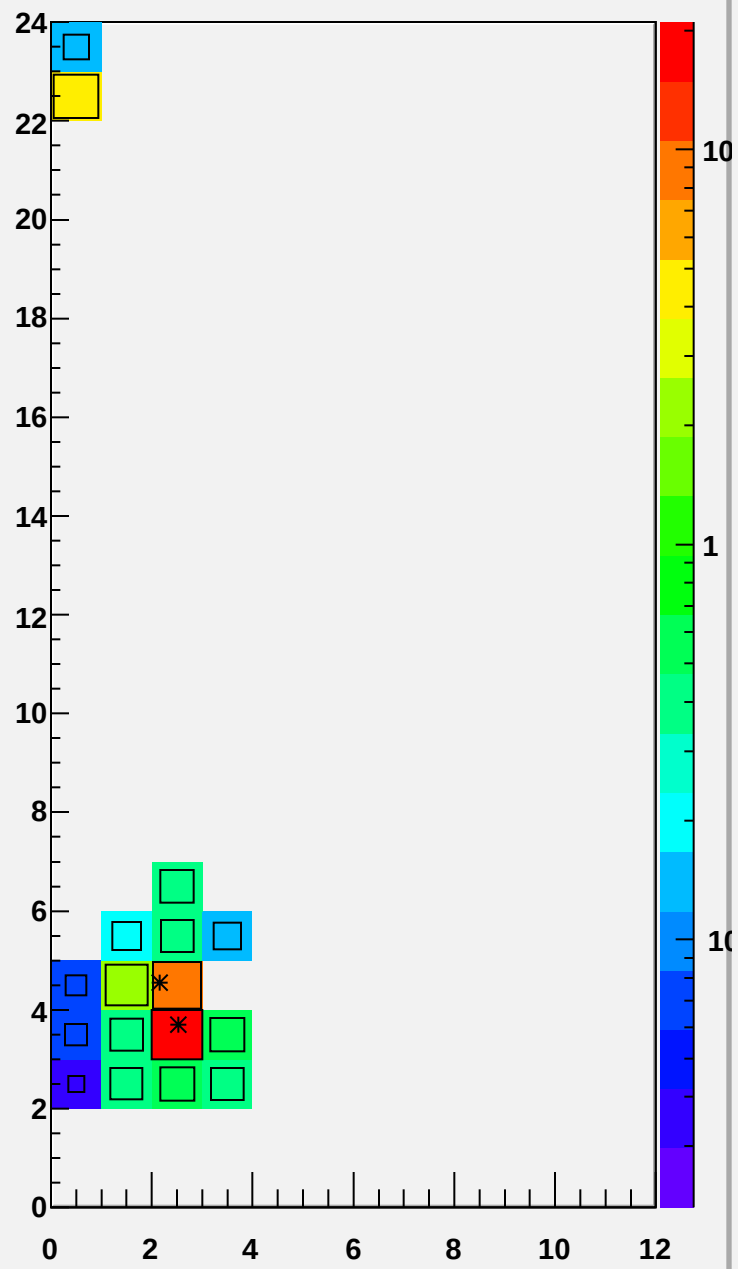
Fitted Energies



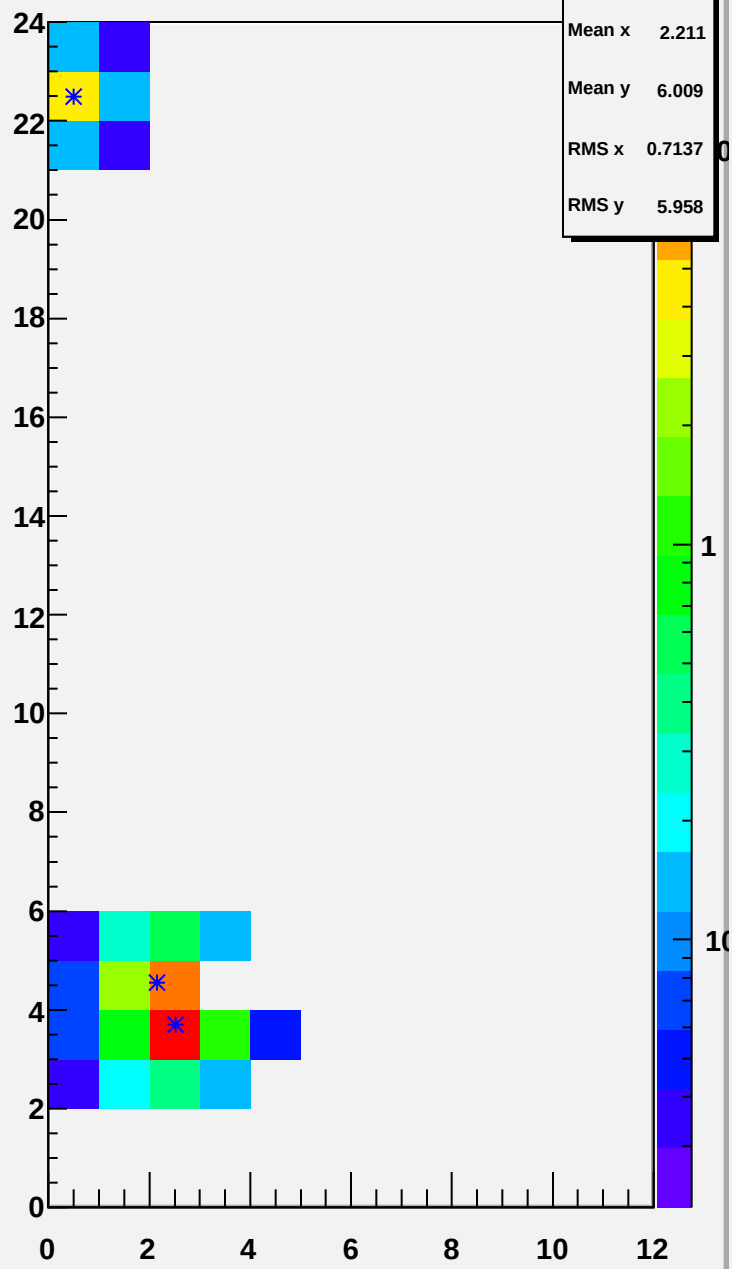
Efit

Entries	288
Mean x	3.058
Mean y	3.394
RMS x	0.6795
RMS y	0.5087

NSTB3_r4_c3_En=41.8_m0=0.088 m1=0.088 index=877



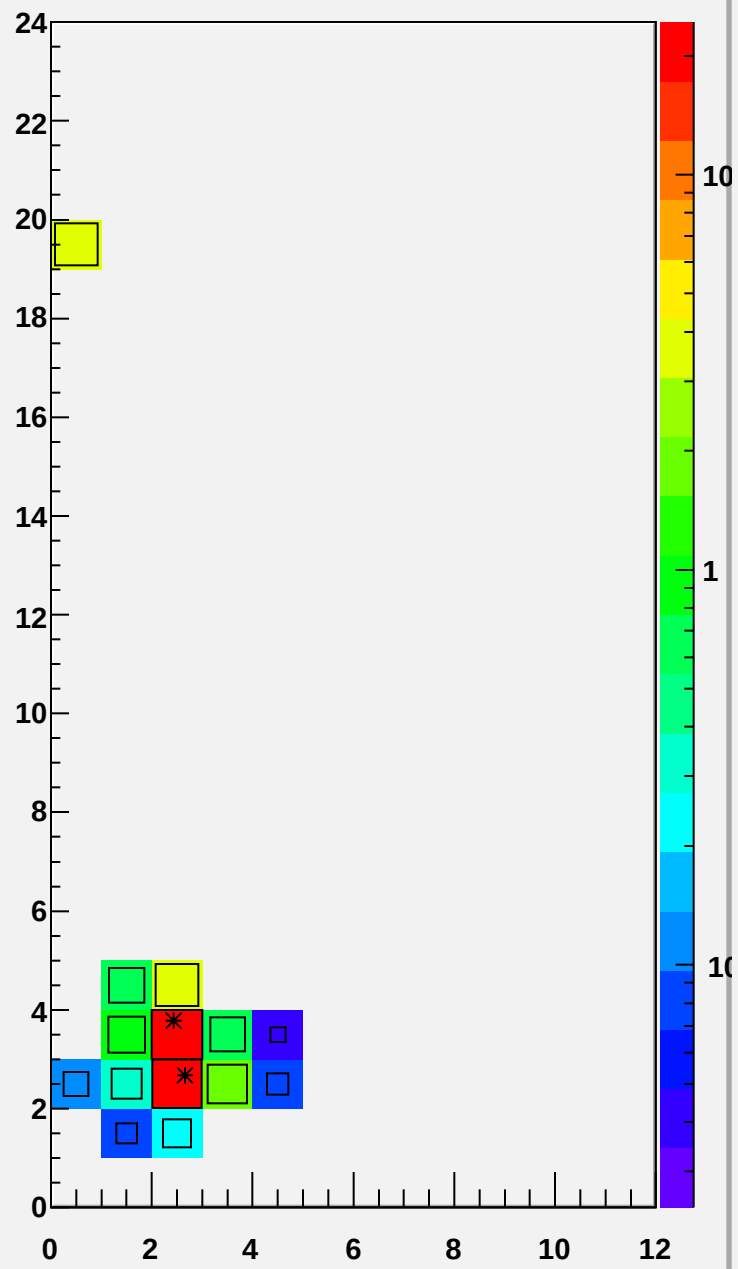
Fitted Energies



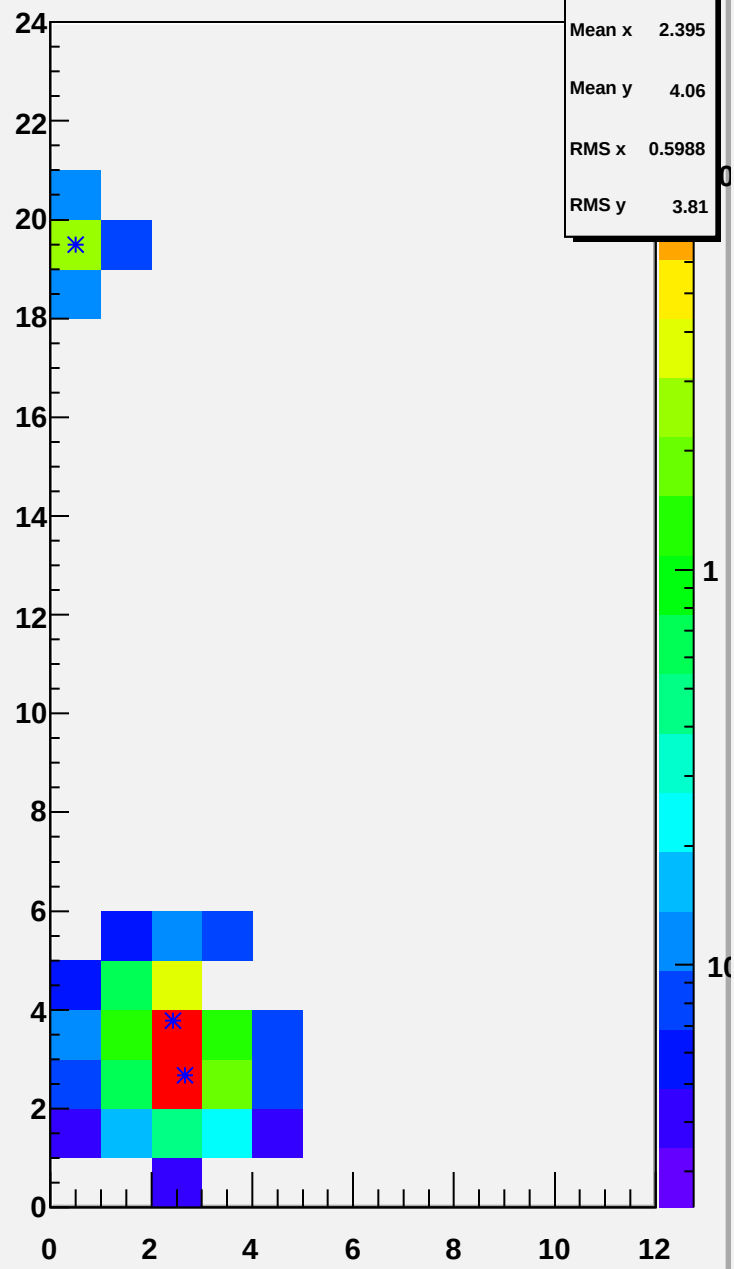
Efit

Entries	288
Mean x	2.211
Mean y	6.009
RMS x	0.7137
RMS y	5.958

NSTB3_r4_c3_En=56.2_m0=0.169 m1=0.169 index=878



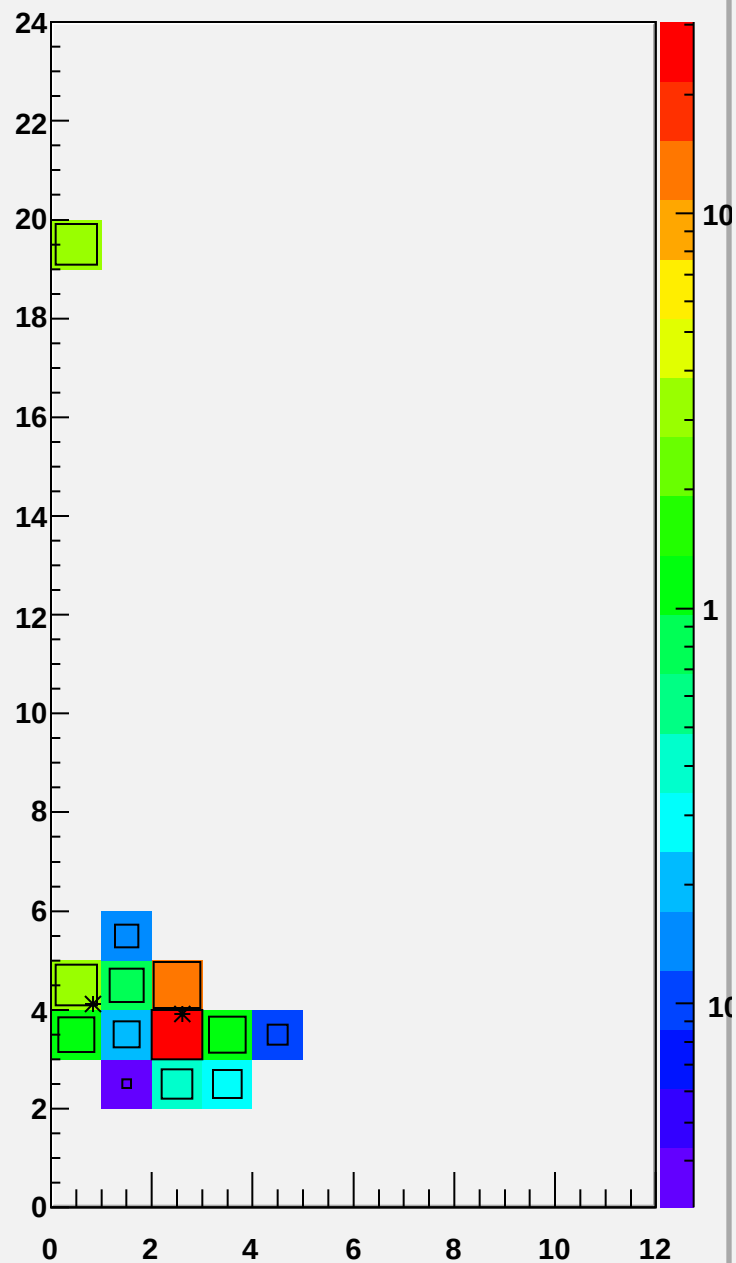
Fitted Energies



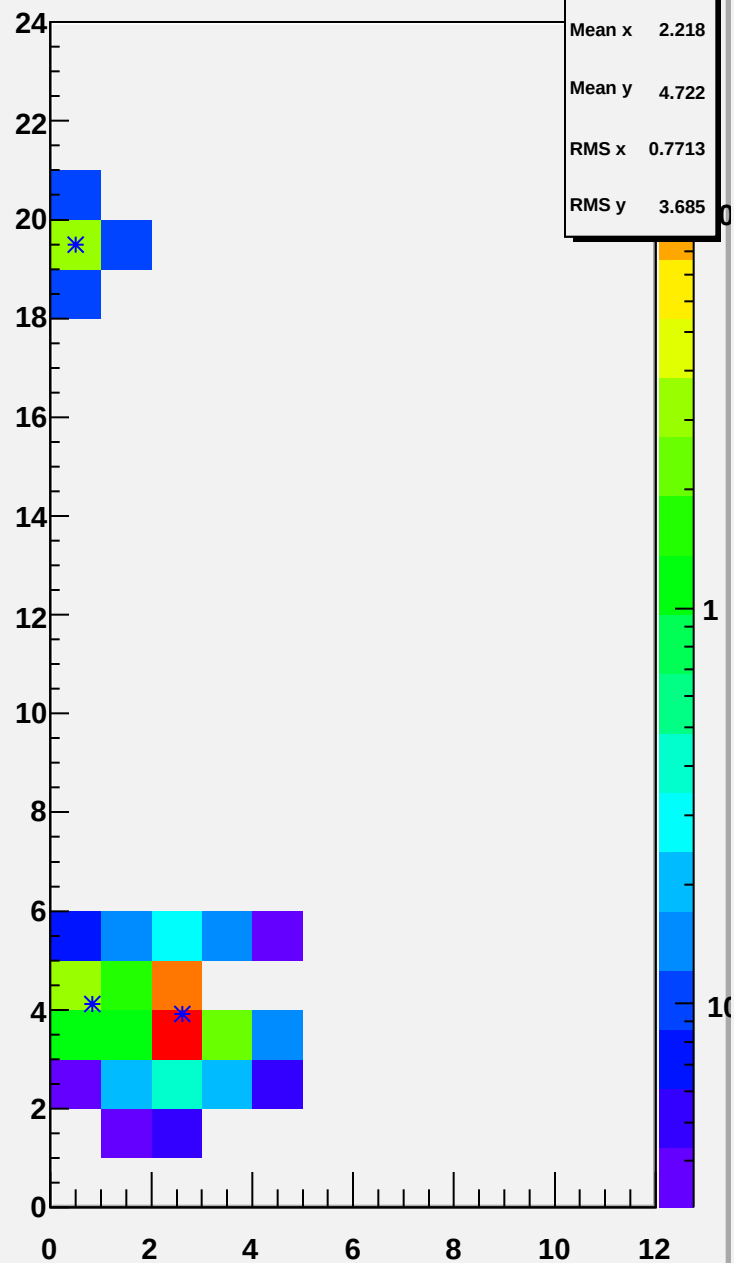
Efit

Entries	288
Mean x	2.395
Mean y	4.06
RMS x	0.5988
RMS y	3.81

NSTB3_r4_c3_En=53.0_m0=0.161 m1=0.162 index=879



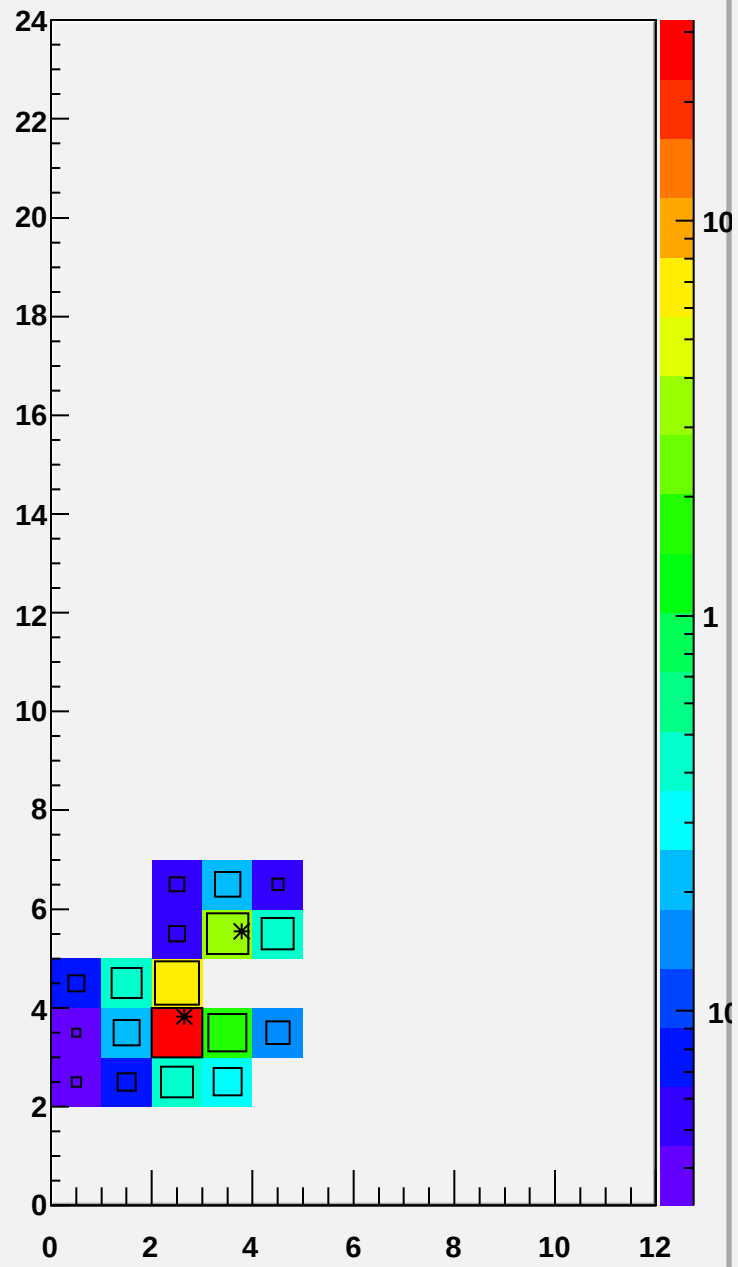
Fitted Energies



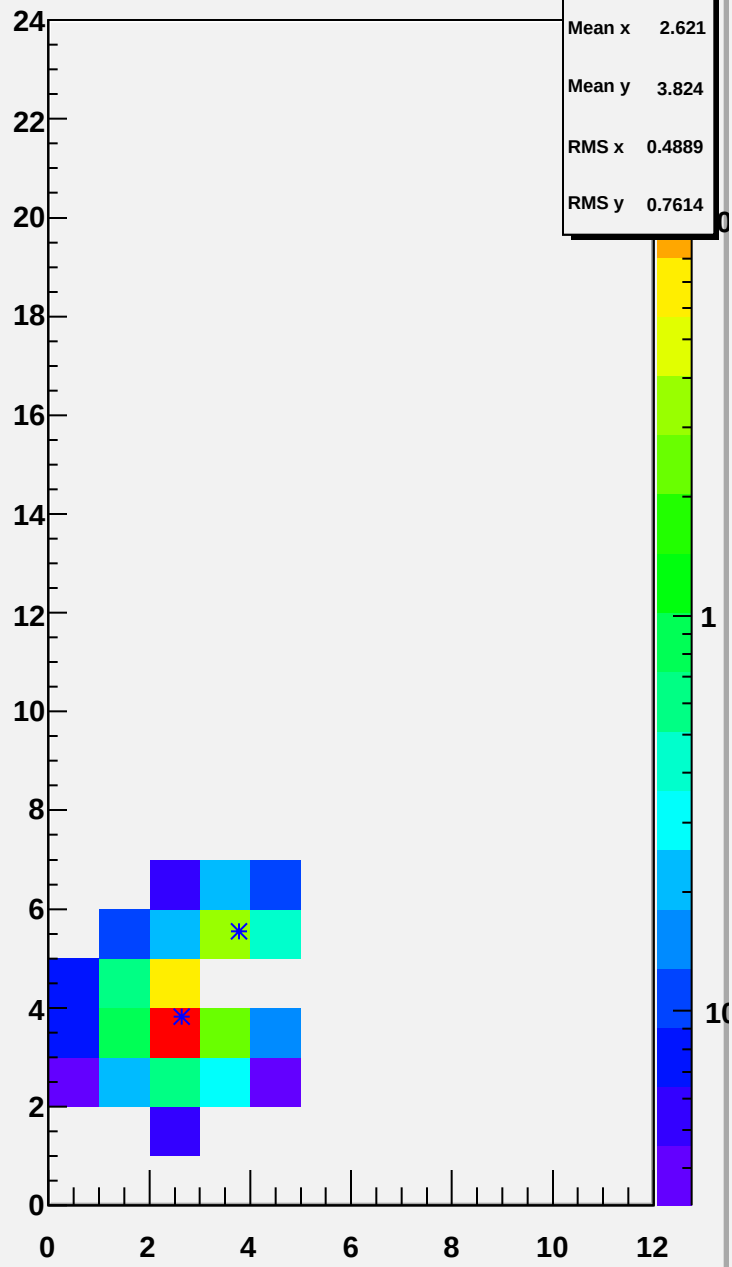
Efit

Entries	288
Mean x	2.218
Mean y	4.722
RMS x	0.7713
RMS y	3.685

NSTB3_r4_c3_En=45.9_m0=0.157_m1=0.156_index=880



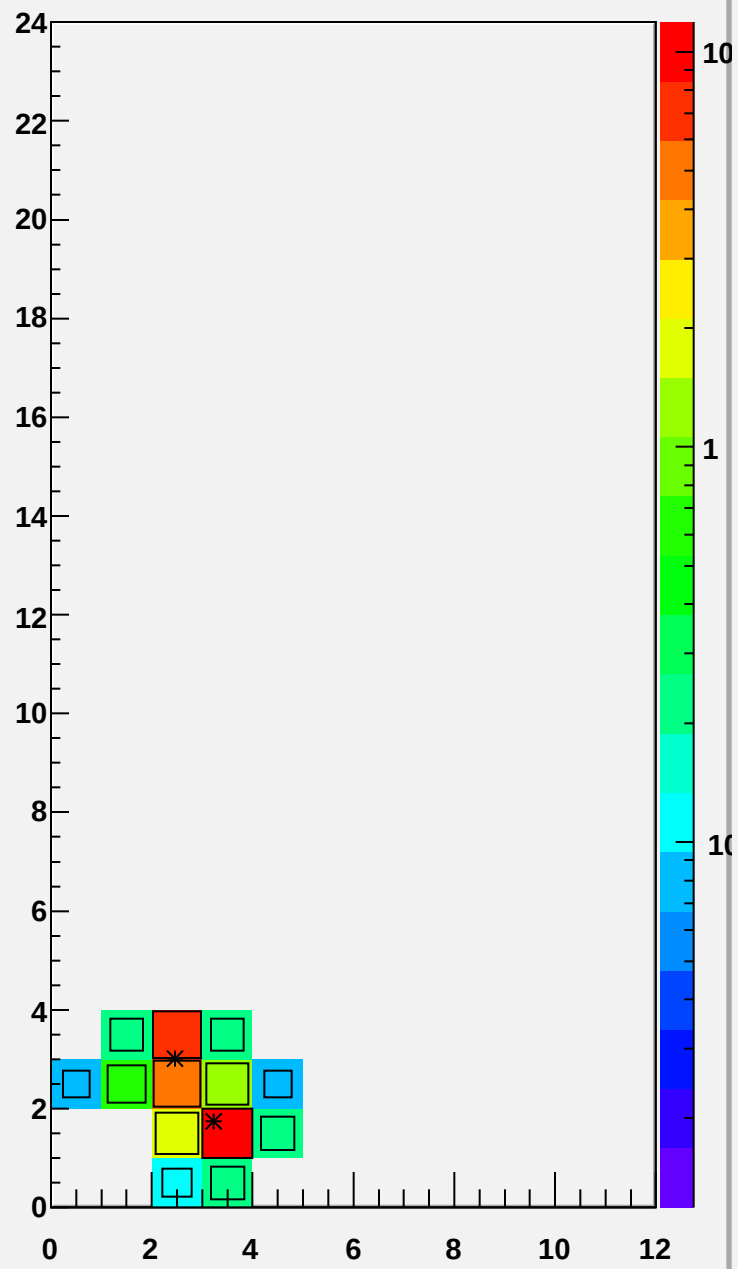
Fitted Energies



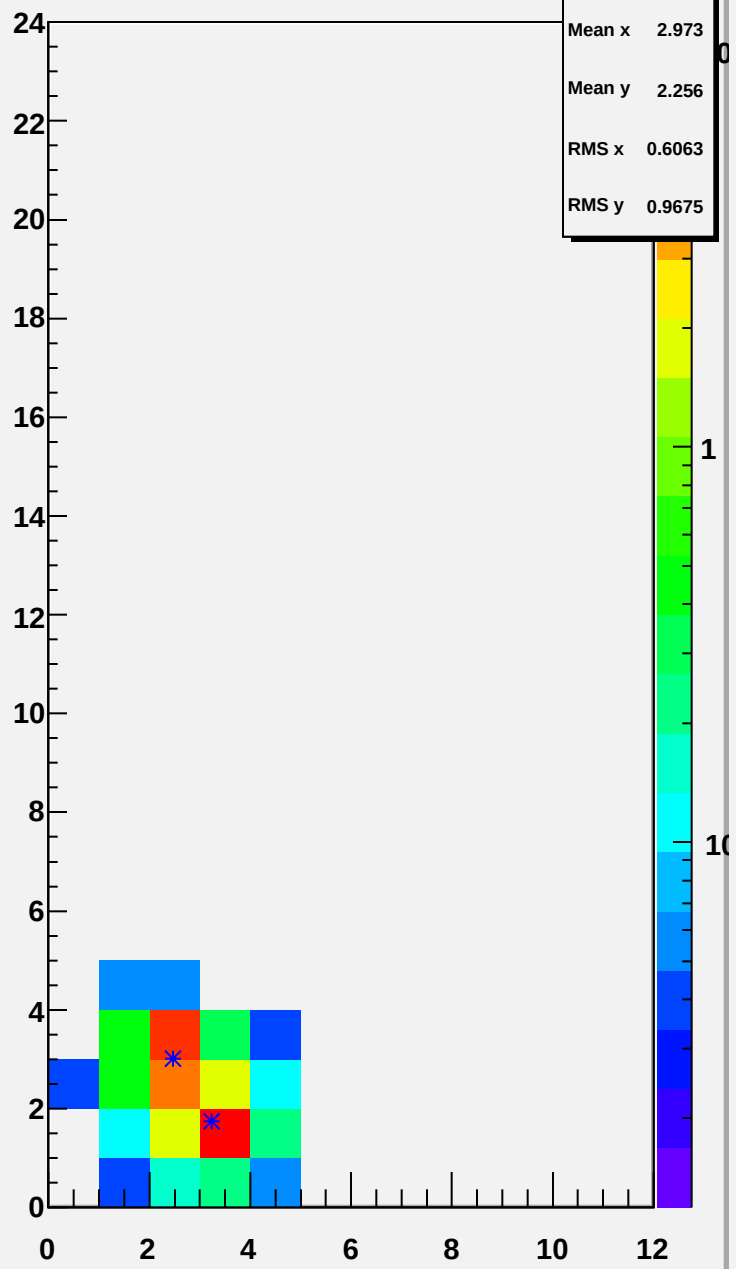
Efit

Entries	288
Mean x	2.621
Mean y	3.824
RMS x	0.4889
RMS y	0.7614

NSTB3_r4_c3_En=28.0_m0=0.121 m1=0.121 index=882



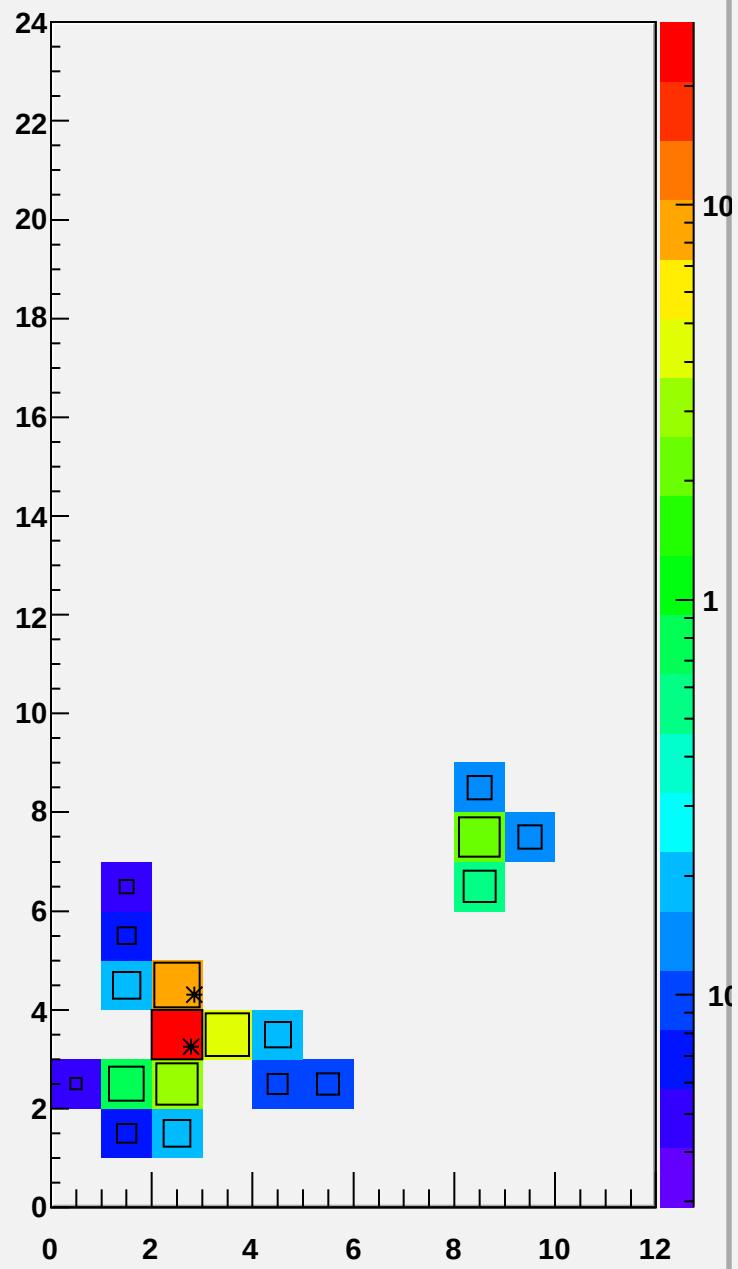
Fitted Energies



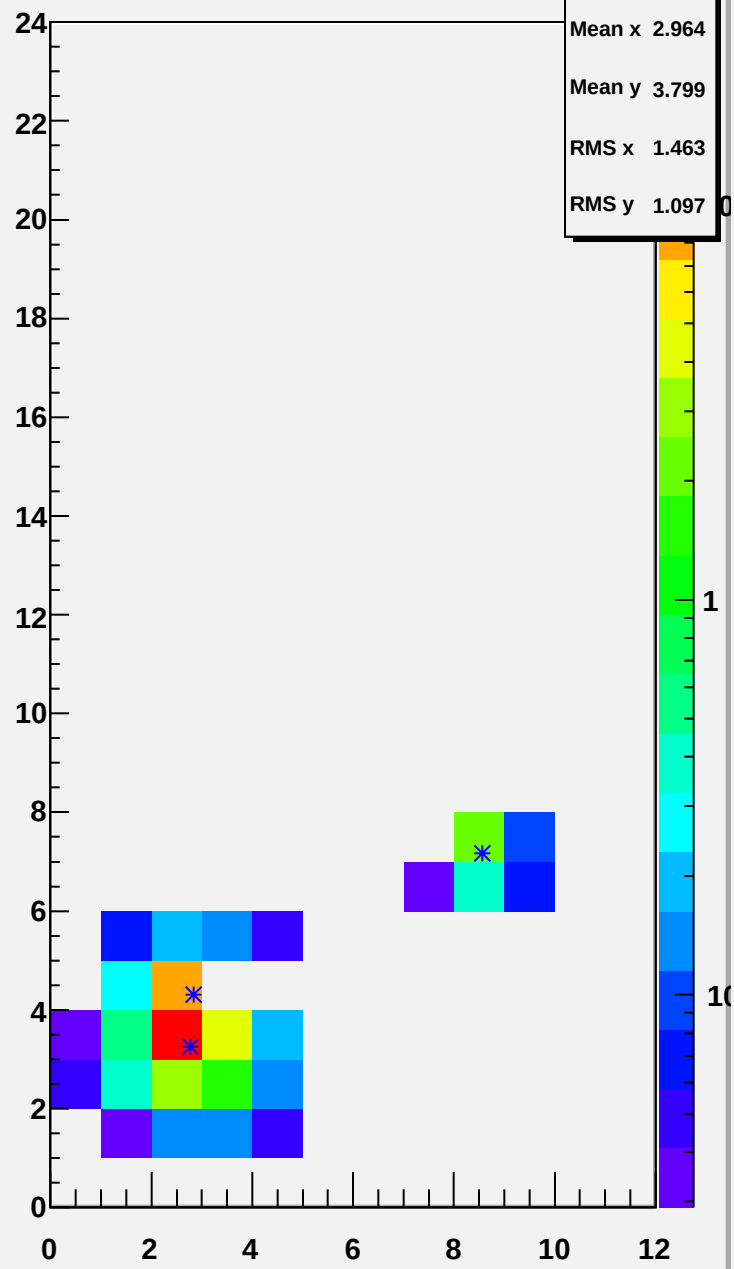
Efit

Entries	288
Mean x	2.973
Mean y	2.256
RMS x	0.6063
RMS y	0.9675

NSTB3_r4_c3_En=50.1_m0=0.121_m1=0.120_index=883



Fitted Energies



Efit

Entries 288

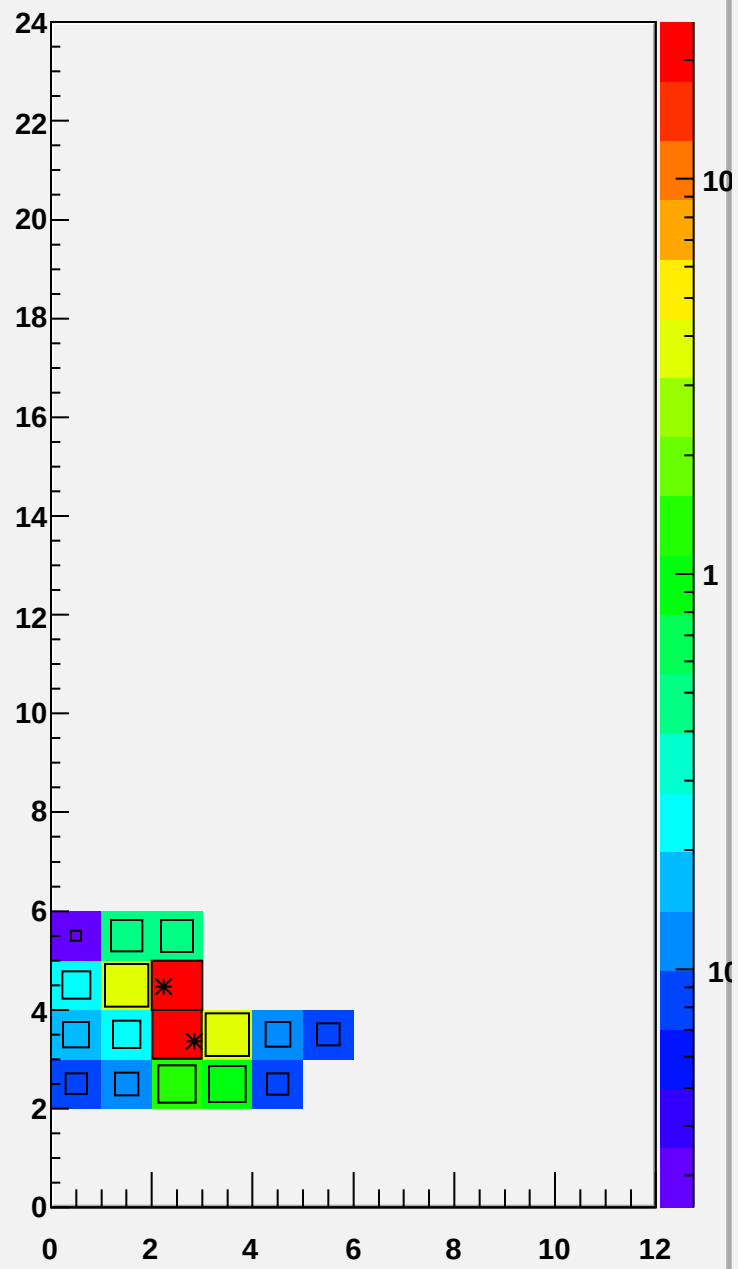
Mean x 2.964

Mean y 3.799

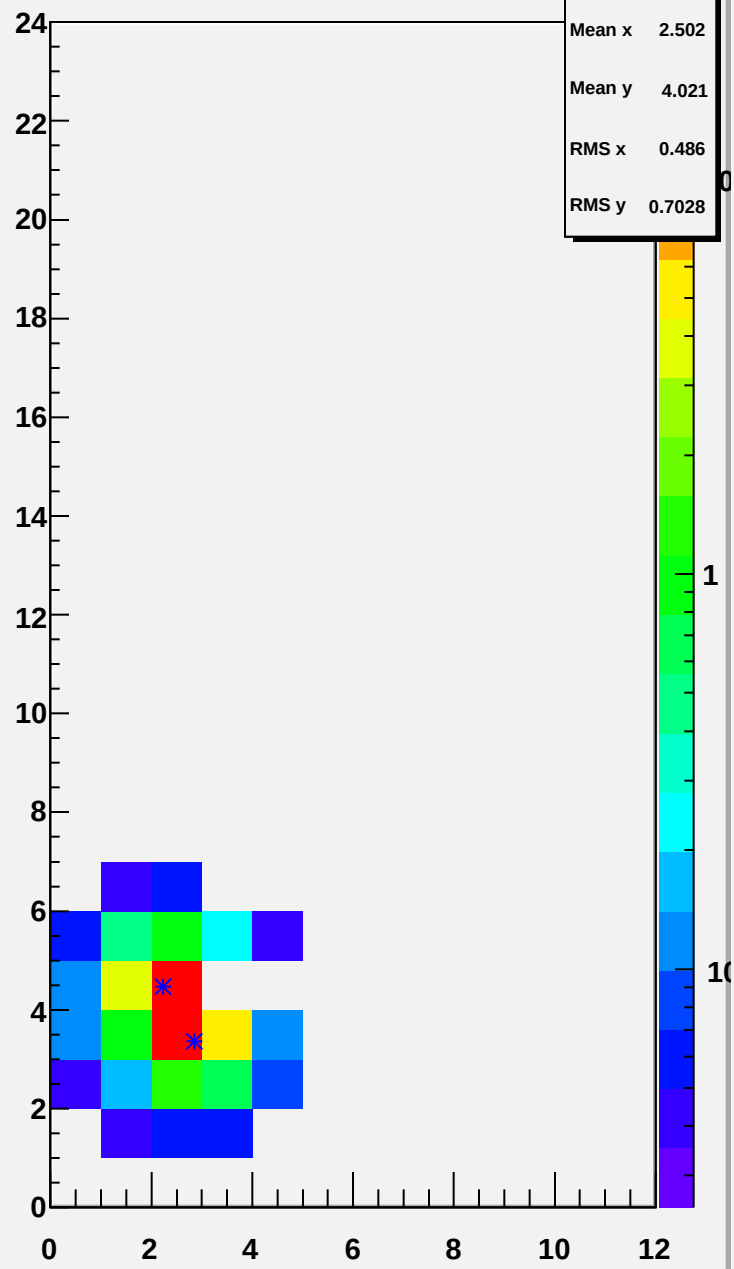
RMS x 1.463

RMS y 1.097

NSTB3_r4_c3_En=56.7_m0=0.195 m1=0.195 index=885



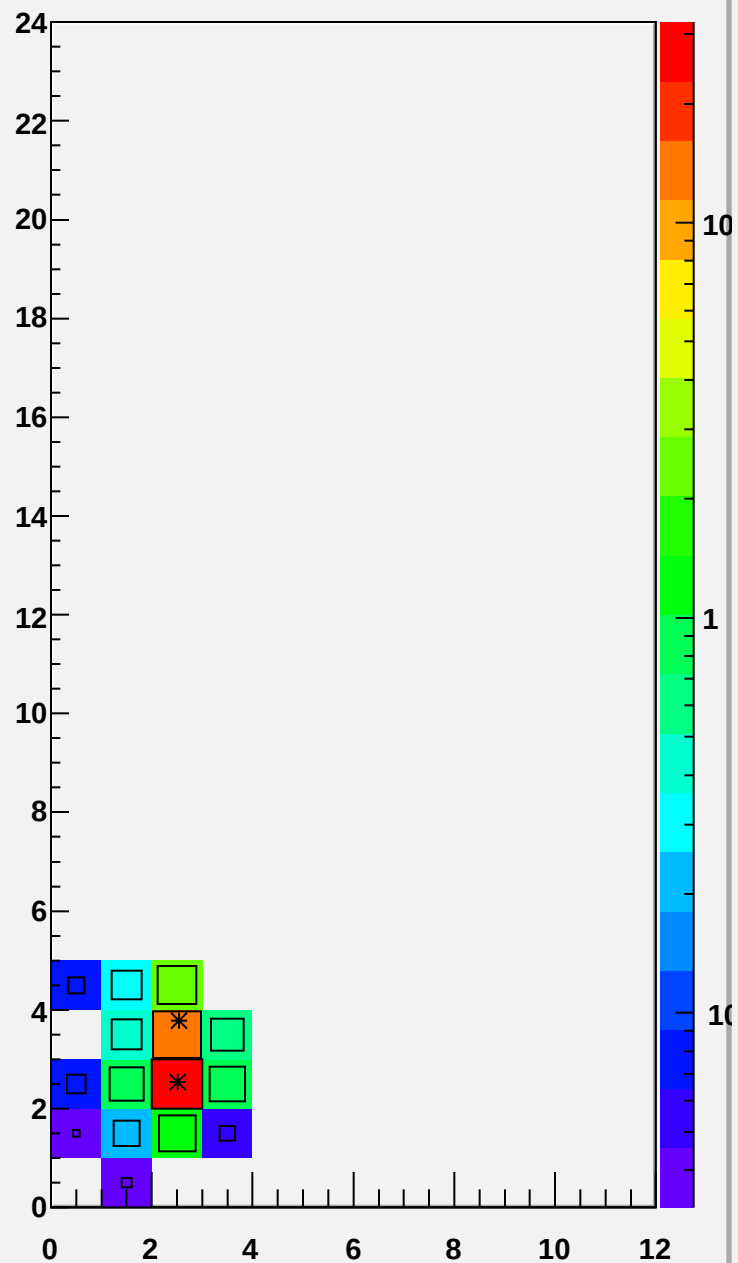
Fitted Energies



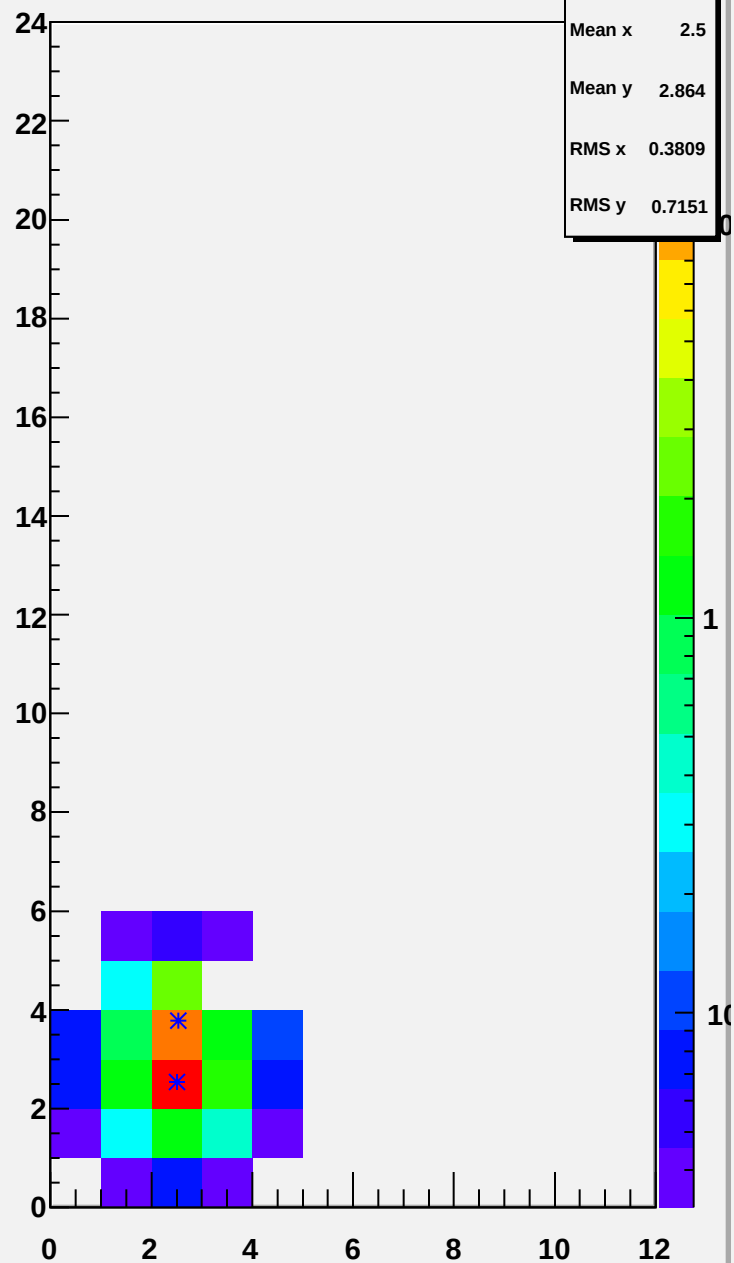
Efit

Entries	288
Mean x	2.502
Mean y	4.021
RMS x	0.486
RMS y	0.7028

NSTB3_r4_c3_En=54.4_m0=0.174 m1=0.175 index=887



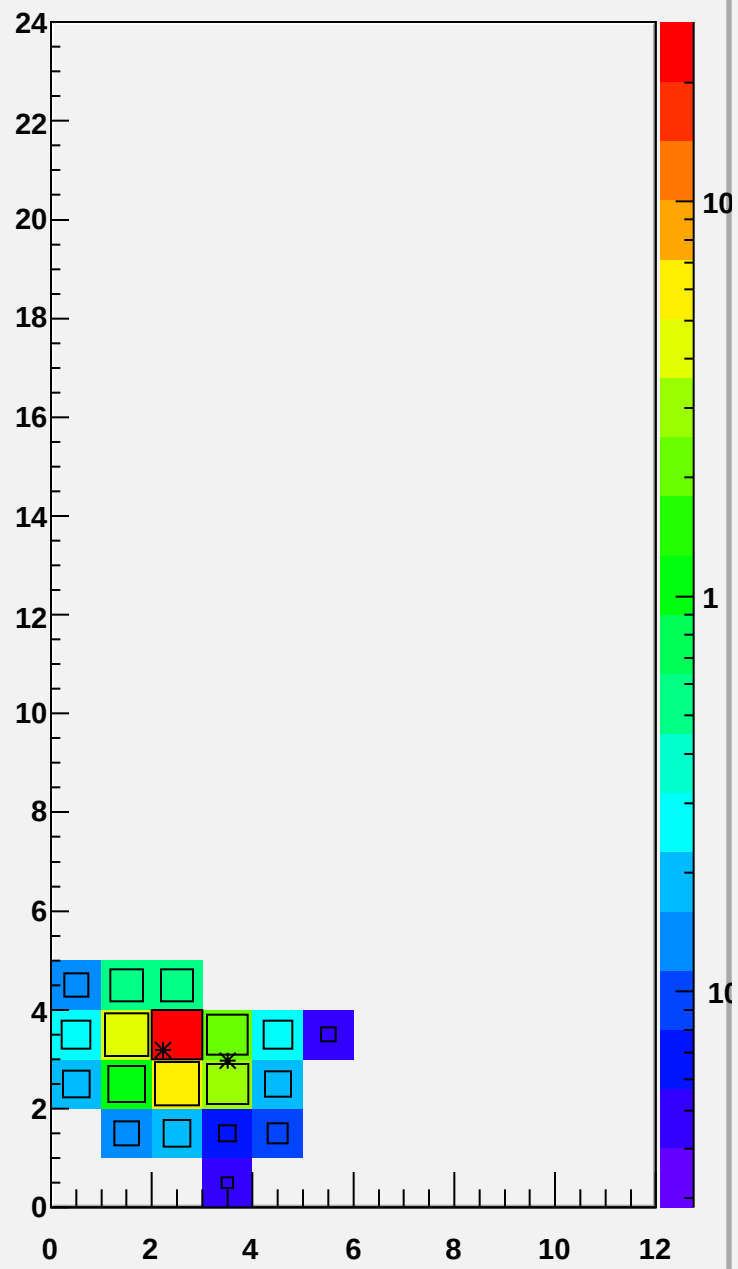
Fitted Energies



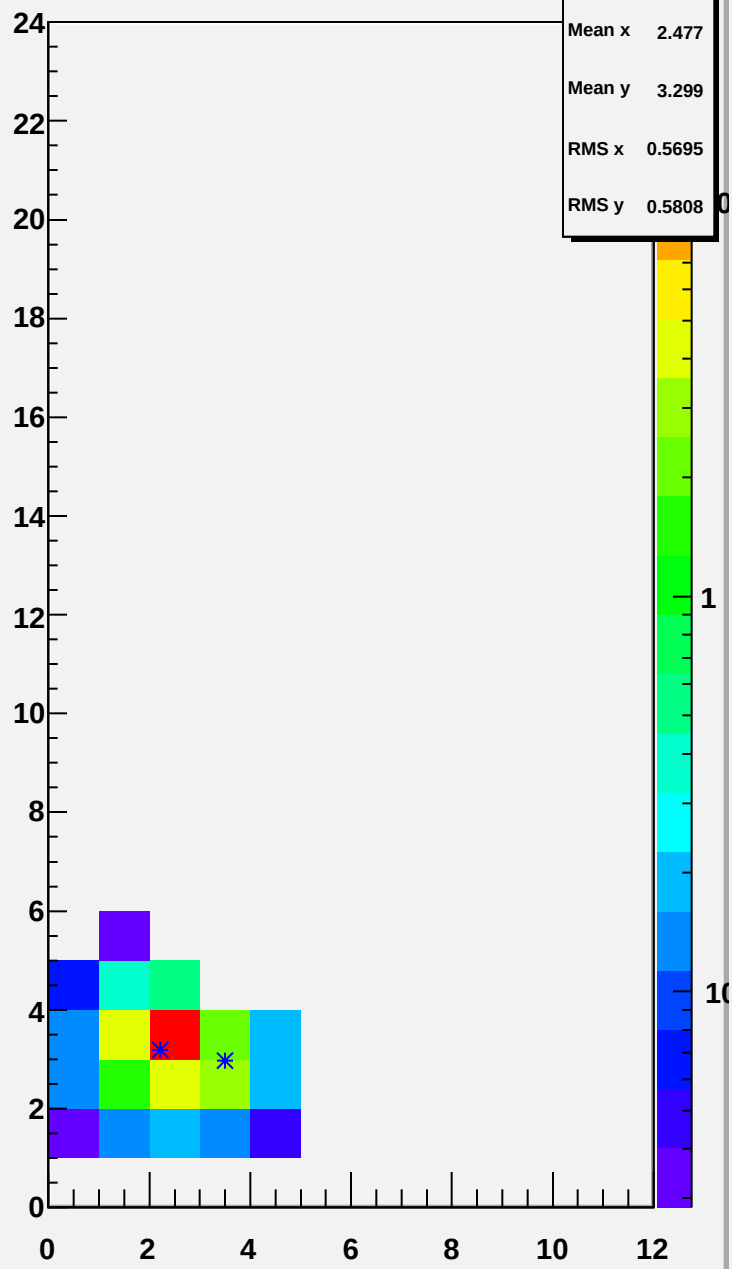
Efit

Entries	288
Mean x	2.5
Mean y	2.864
RMS x	0.3809
RMS y	0.7151

NSTB3_r4_c3_En=48.2_m0=0.104_m1=0.103_index=890



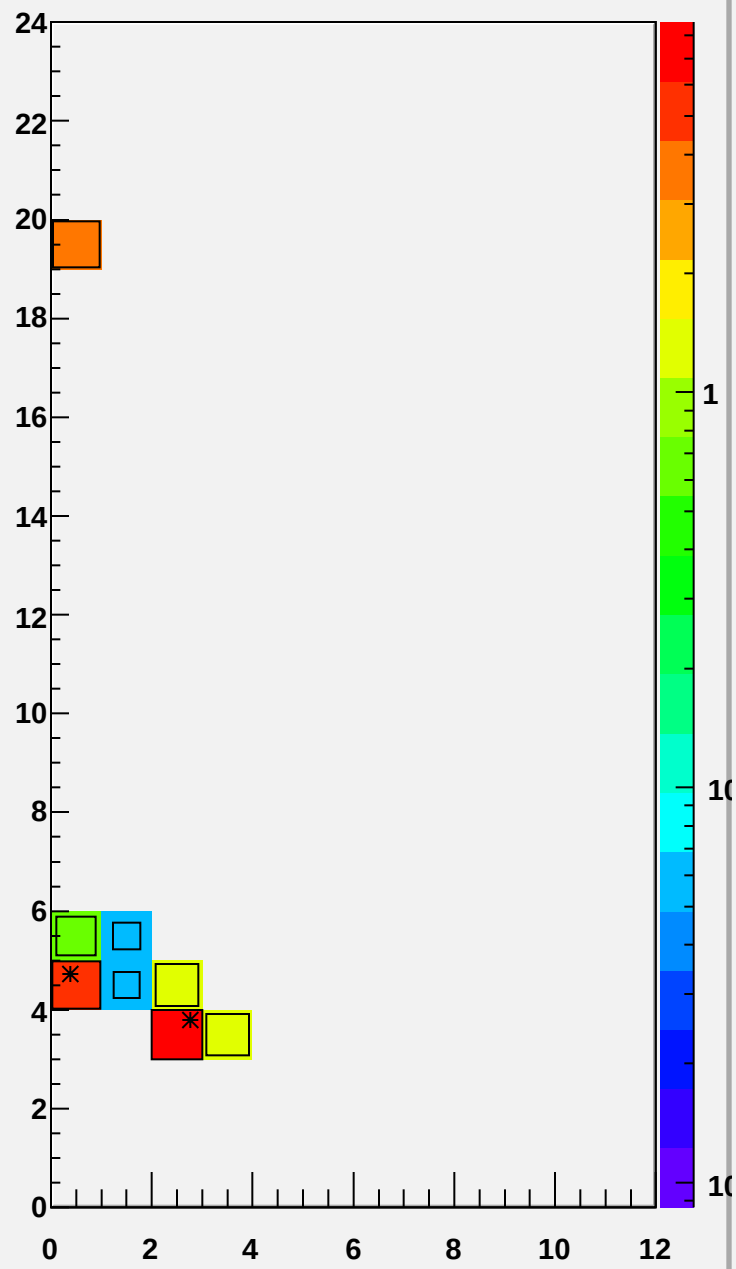
Fitted Energies



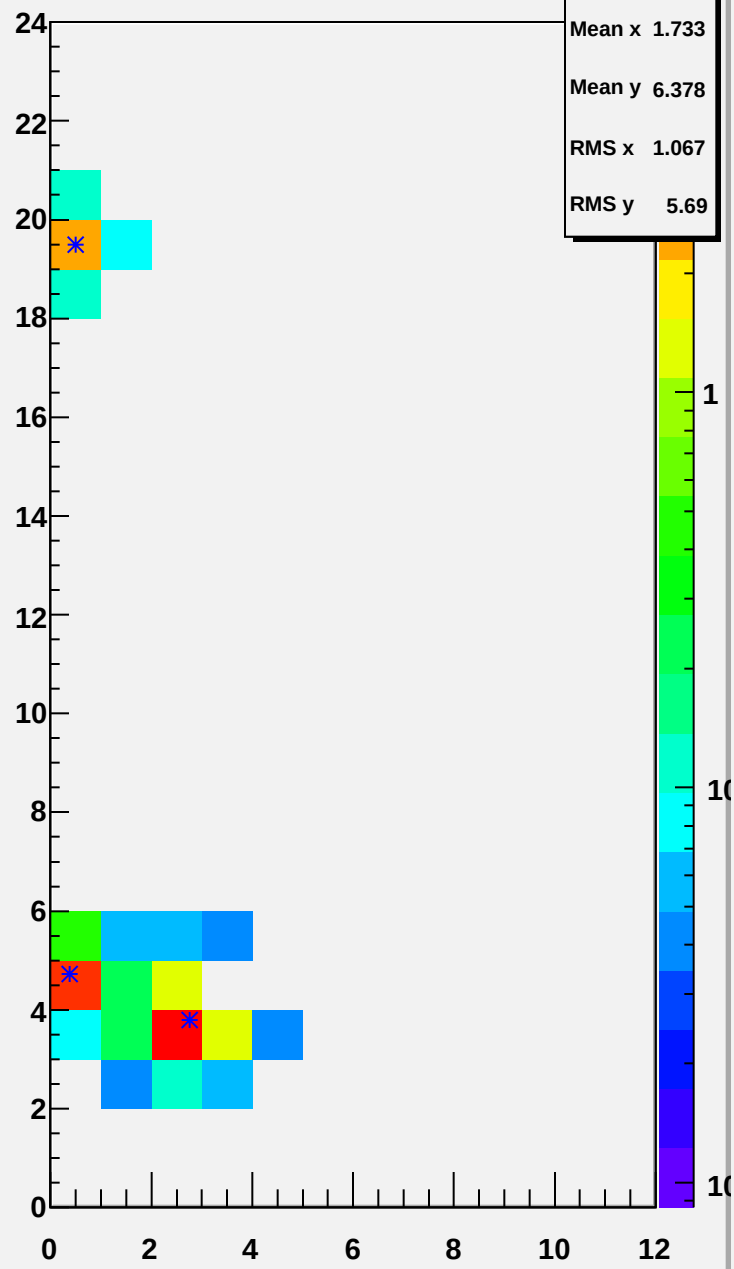
Efit

Entries	288
Mean x	2.477
Mean y	3.299
RMS x	0.5695
RMS y	0.5808

NSTB3_r4_c3_En=19.7_m0=0.118 m1=0.118 index=891



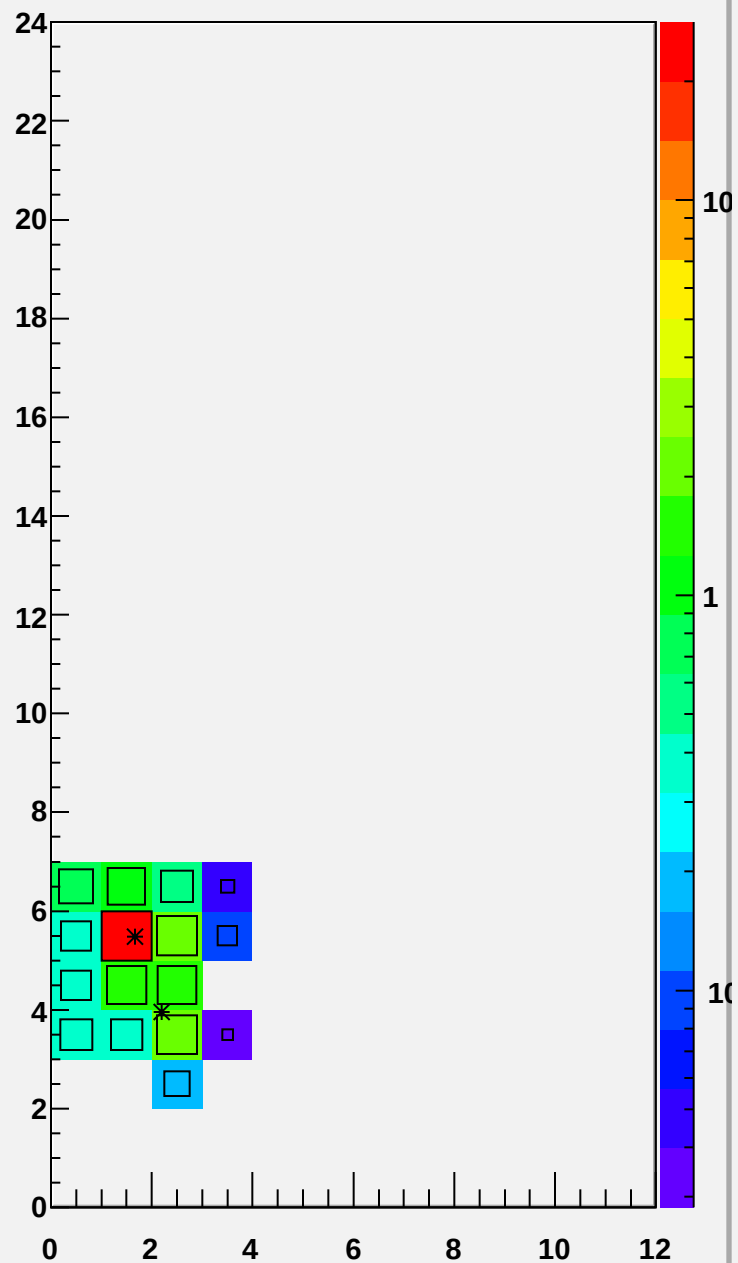
Fitted Energies



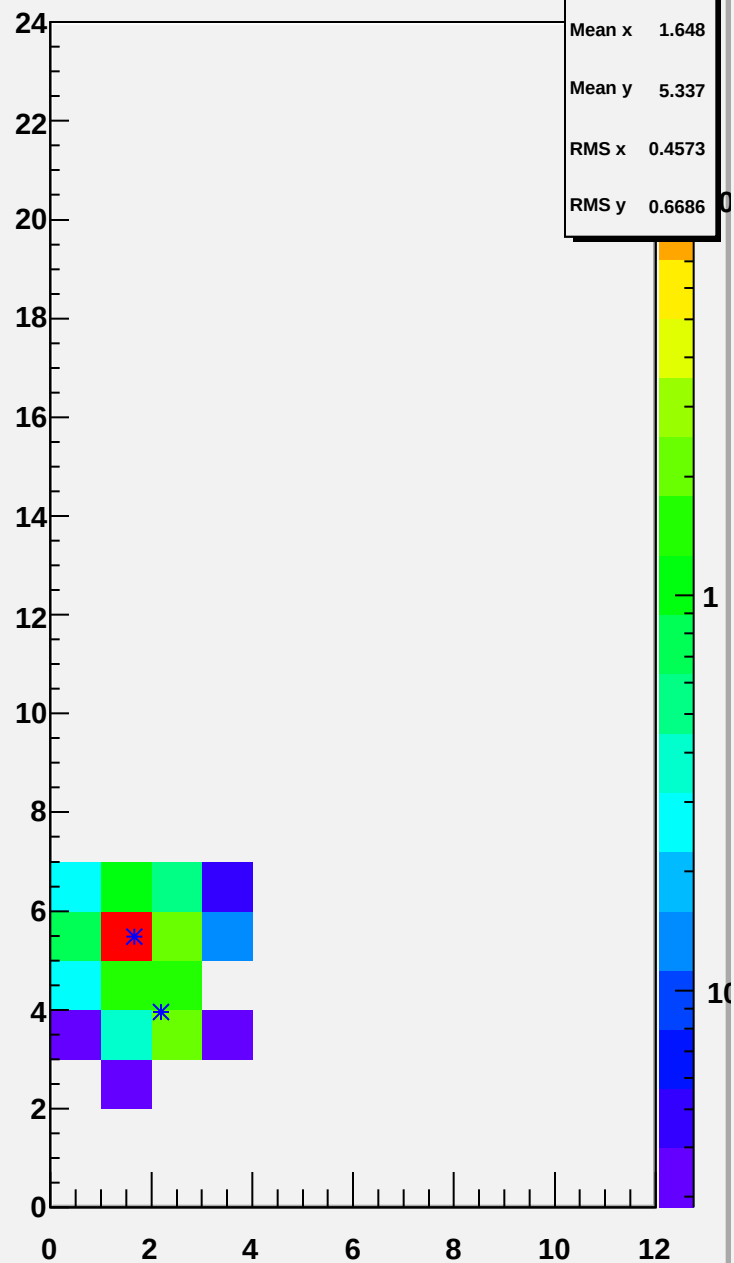
Efit

Entries 288
Mean x 1.733
Mean y 6.378
RMS x 1.067
RMS y 5.69

NSTB3_r4_c3_En=40.1_m0=0.106_m1=0.107_index=892



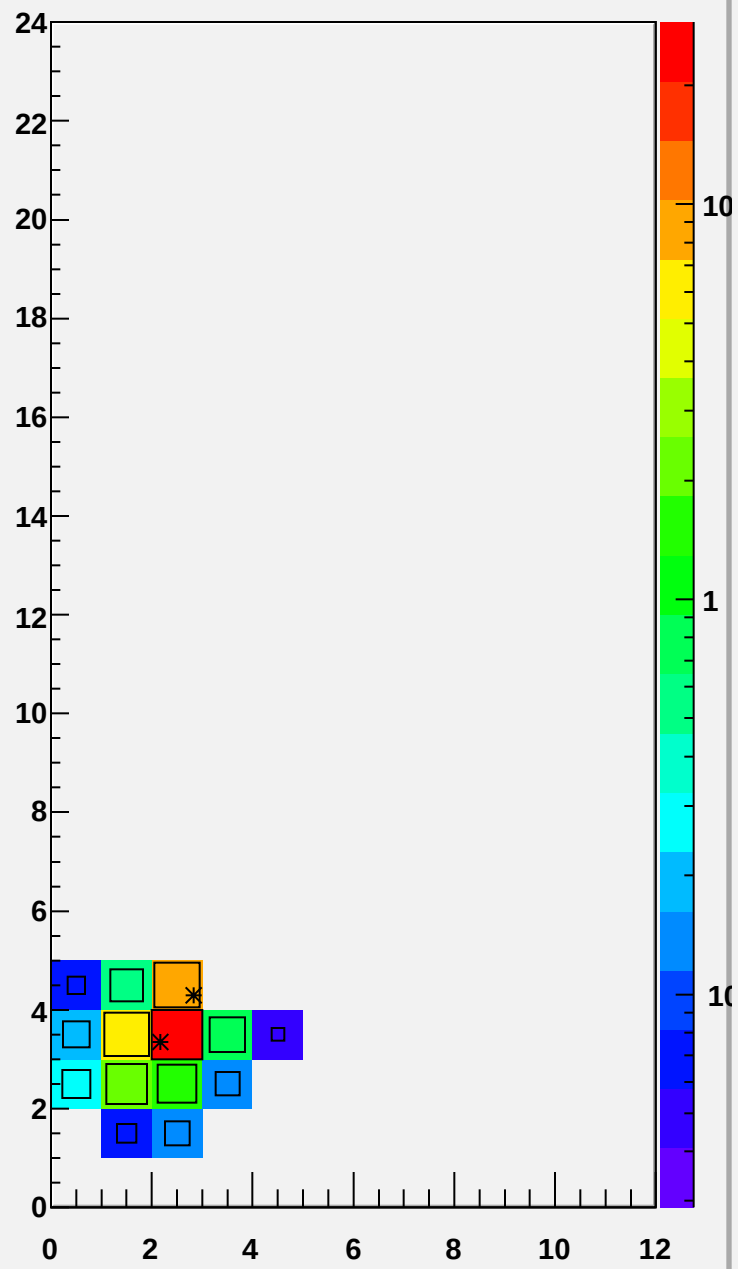
Fitted Energies



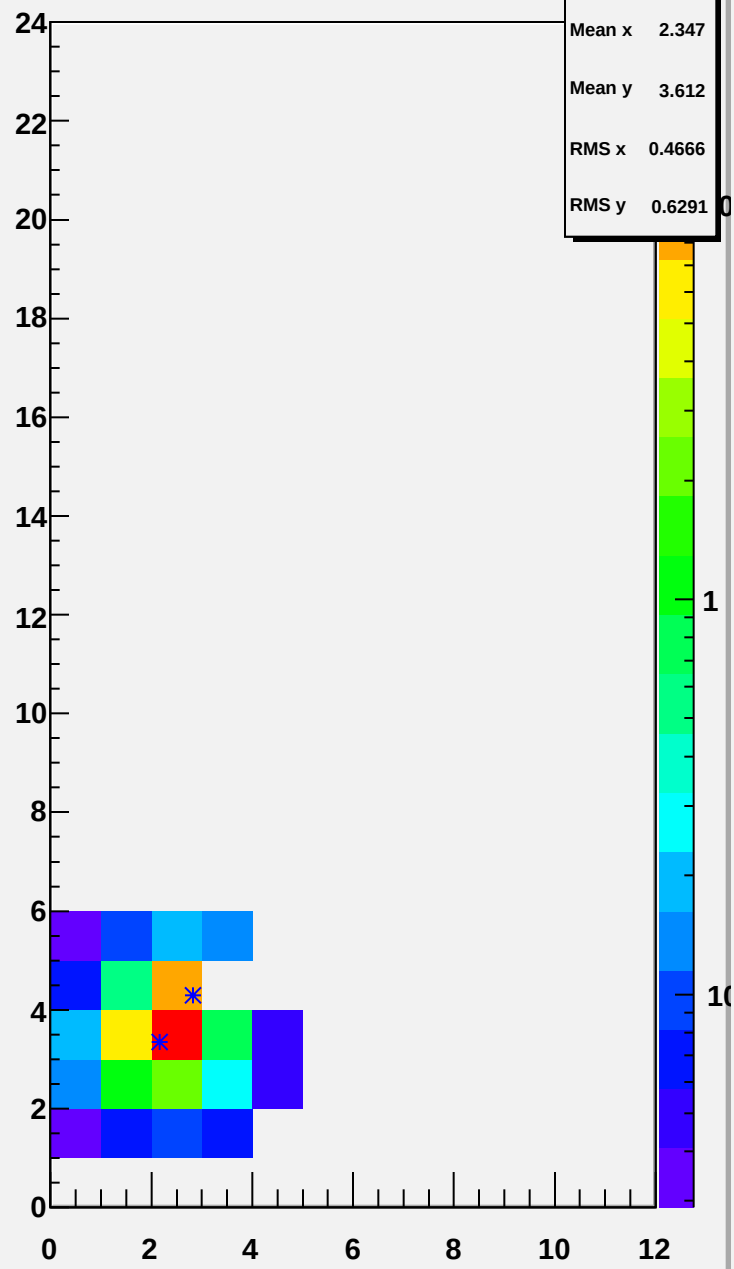
Efit

Entries	288
Mean x	1.648
Mean y	5.337
RMS x	0.4573
RMS y	0.6686

NSTB3_r4_c3_En=49.2_m0=0.129_m1=0.128_index=894



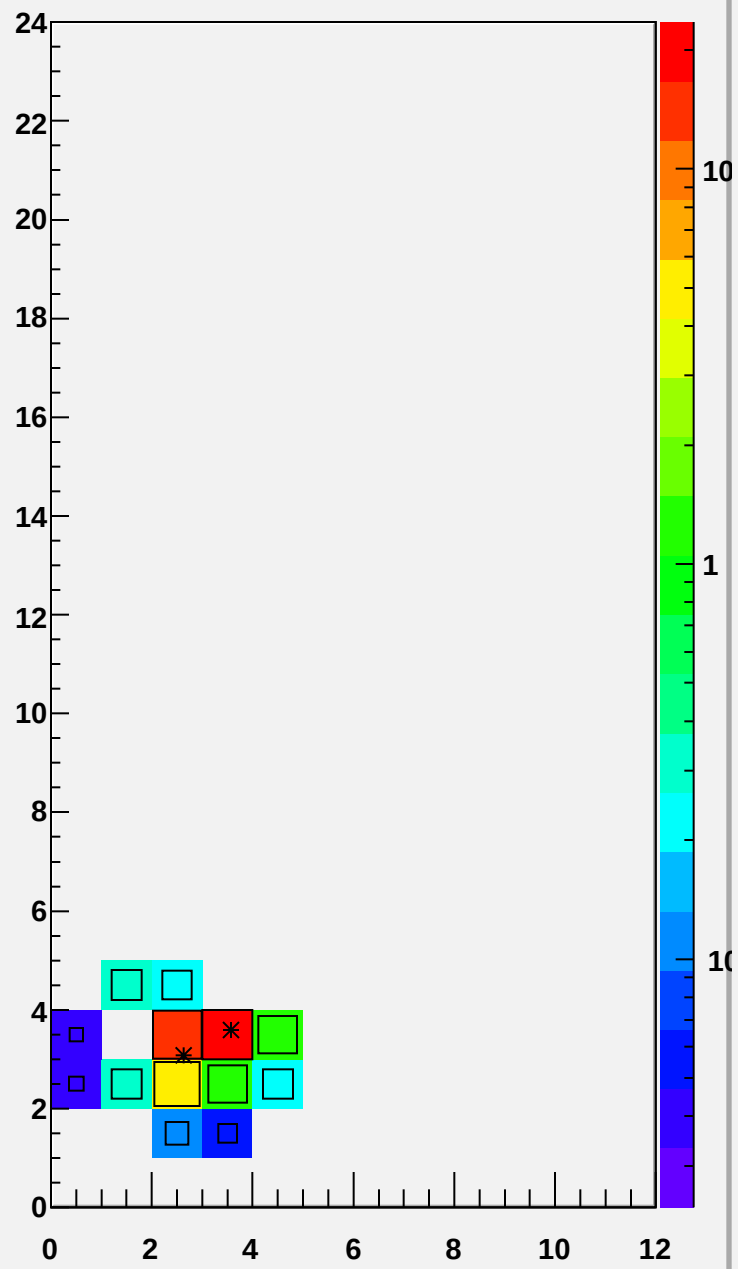
Fitted Energies



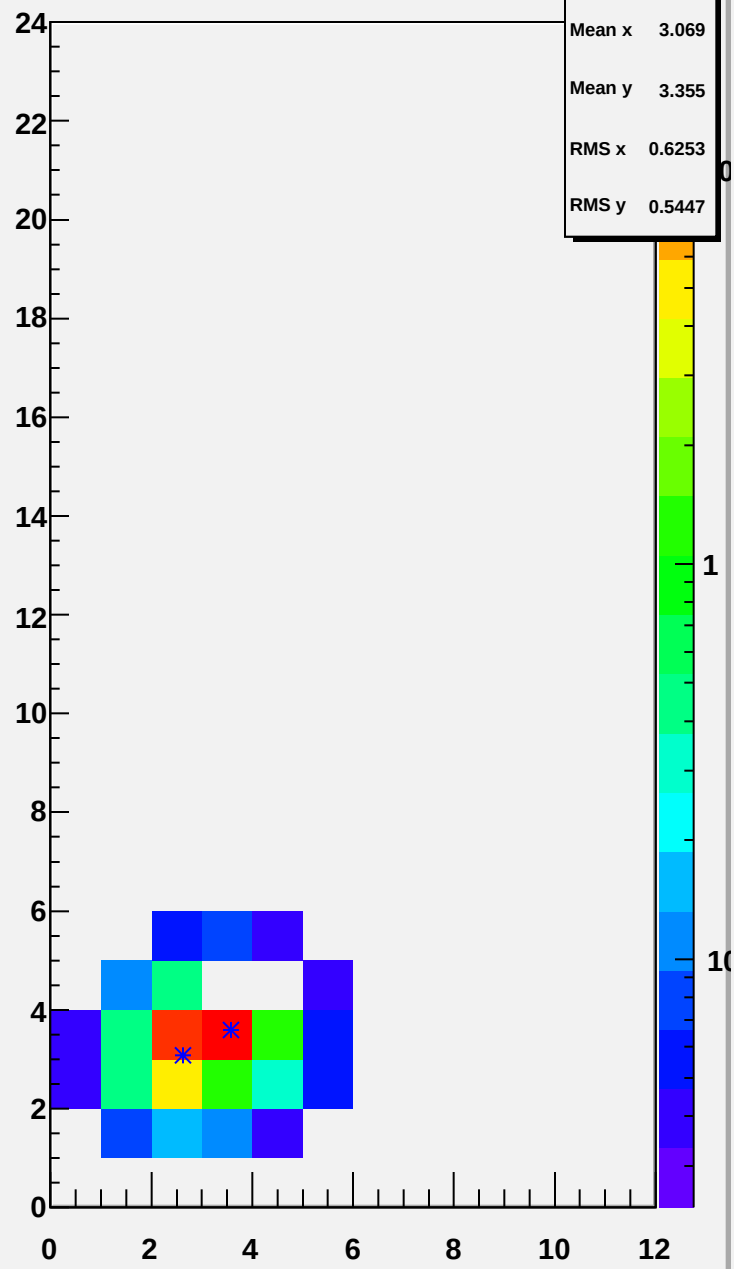
Efit

Entries	288
Mean x	2.347
Mean y	3.612
RMS x	0.4666
RMS y	0.6291

NSTB3_r4_c3_En=47.9_m0=0.147 m1=0.147 index=895



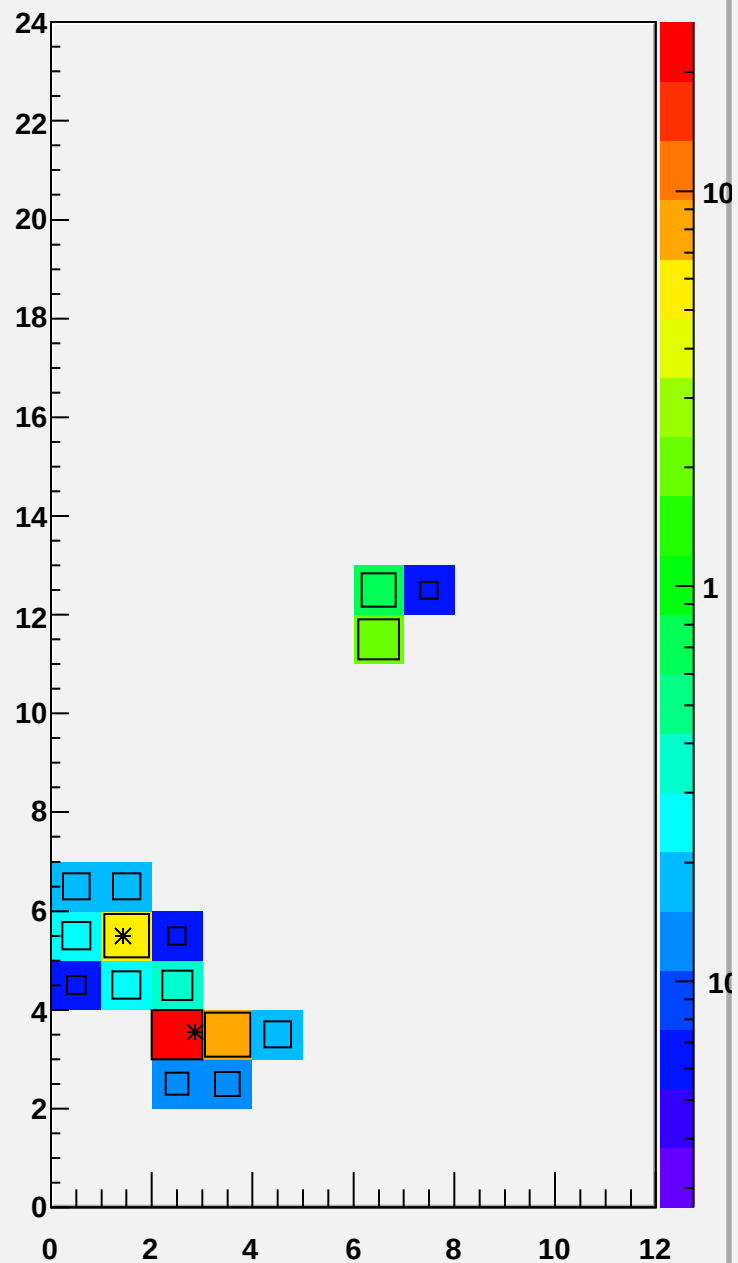
Fitted Energies



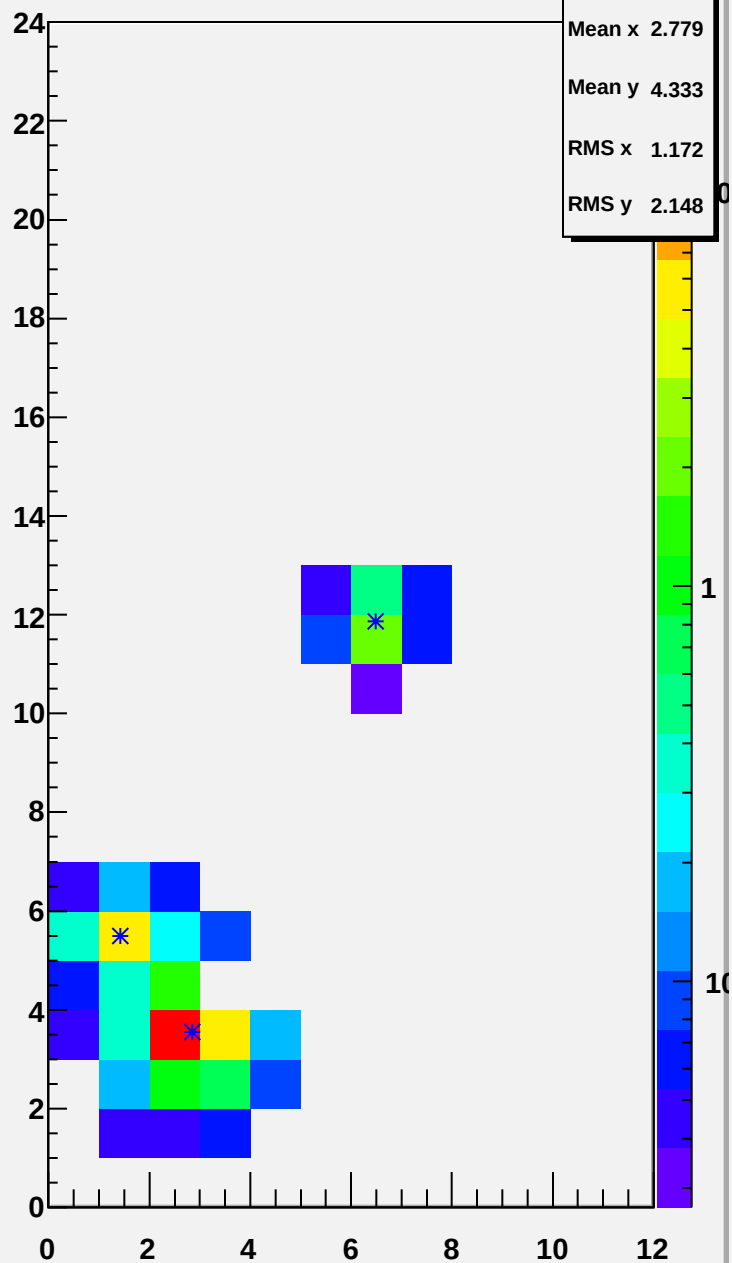
Efit

Entries	288
Mean x	3.069
Mean y	3.355
RMS x	0.6253
RMS y	0.5447

NSTB3_r4_c3_En=43.7_m0=0.204 m1=0.204 index=896



Fitted Energies



Efit

Entries 288

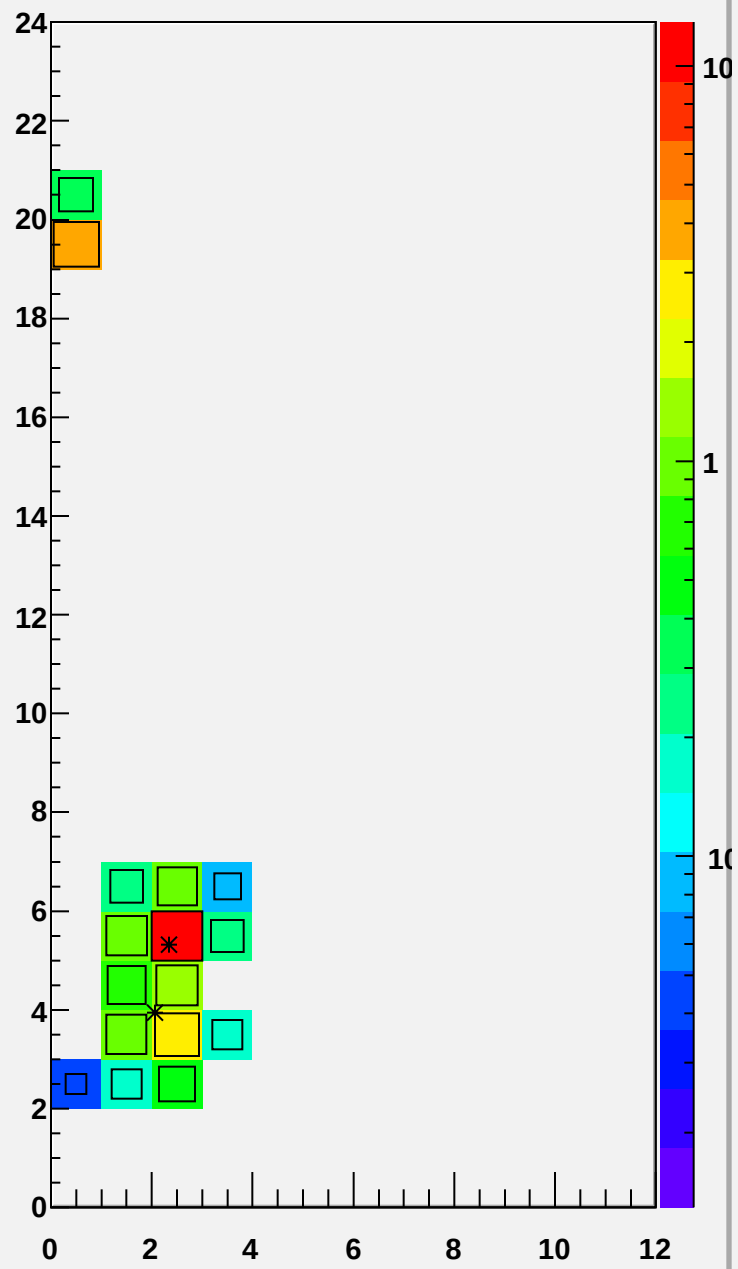
Mean x 2.779

Mean y 4.333

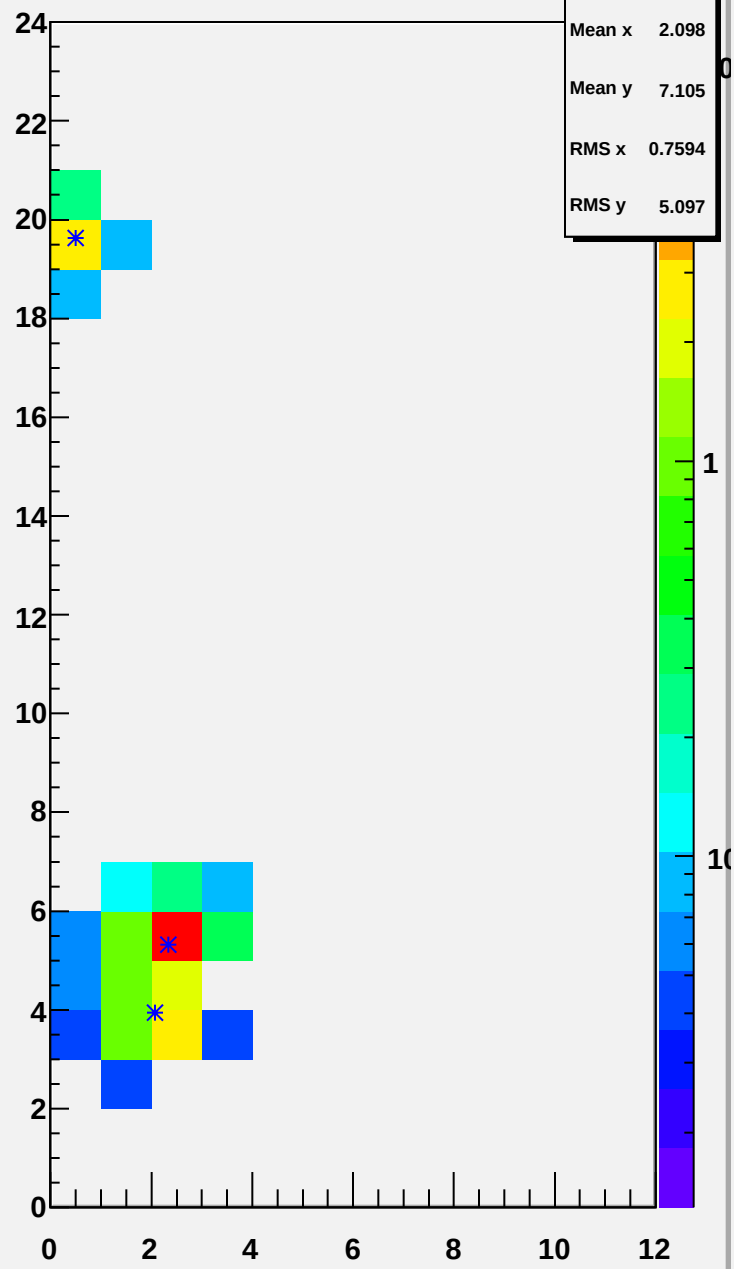
RMS x 1.172

RMS y 2.148

NSTB3_r4_c3_En=25.1_m0=0.074 m1=0.074 index=897



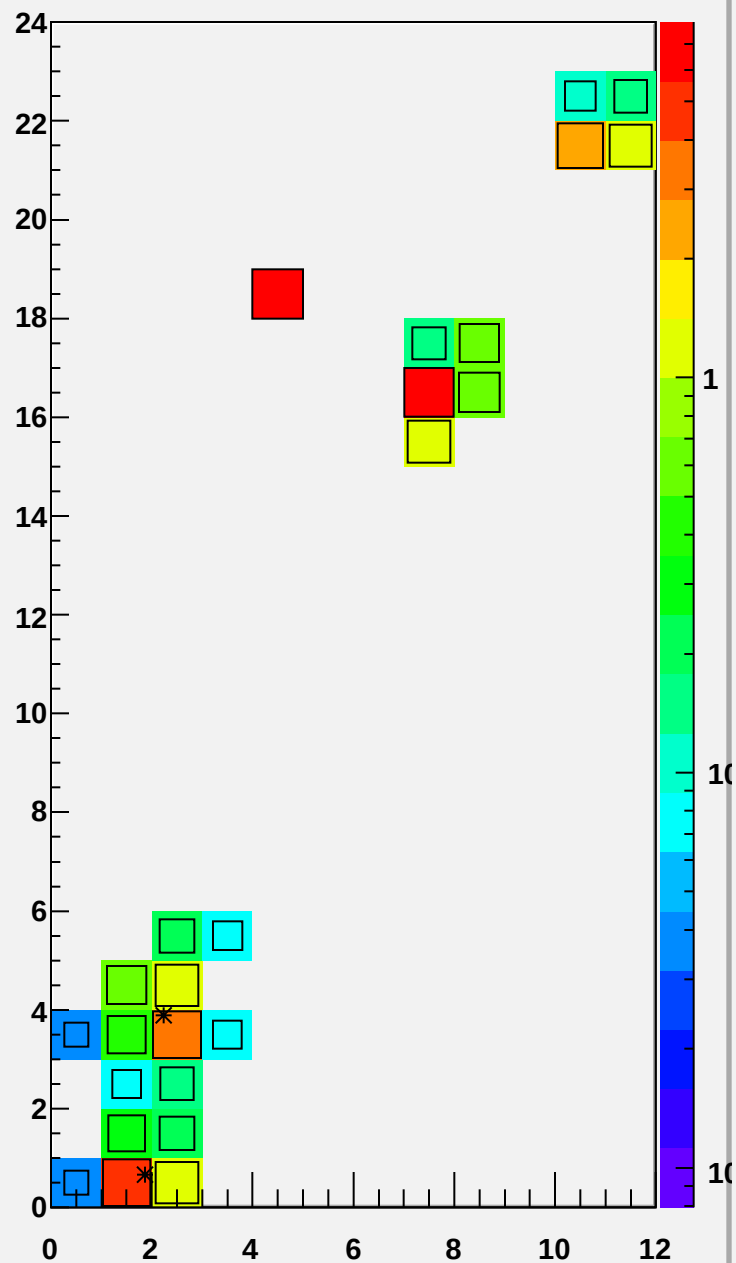
Fitted Energies



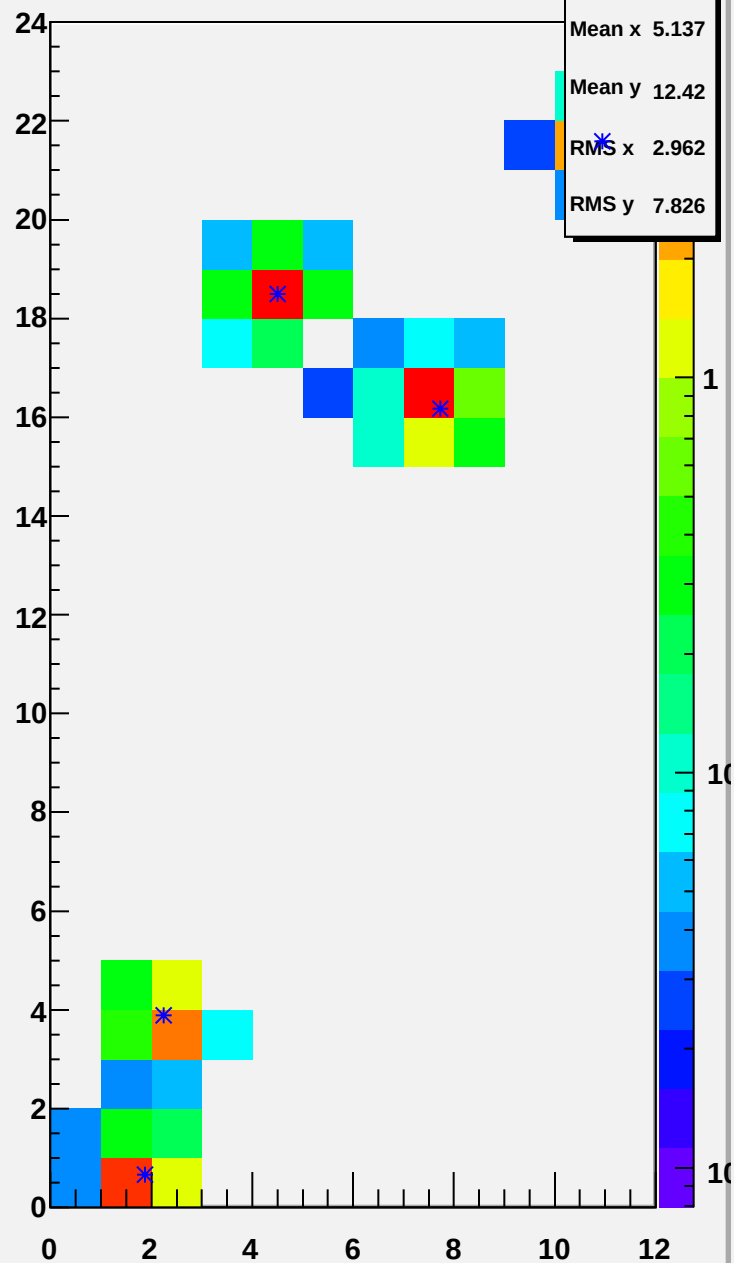
Efit

Entries	288
Mean x	2.098
Mean y	7.105
RMS x	0.7594
RMS y	5.097

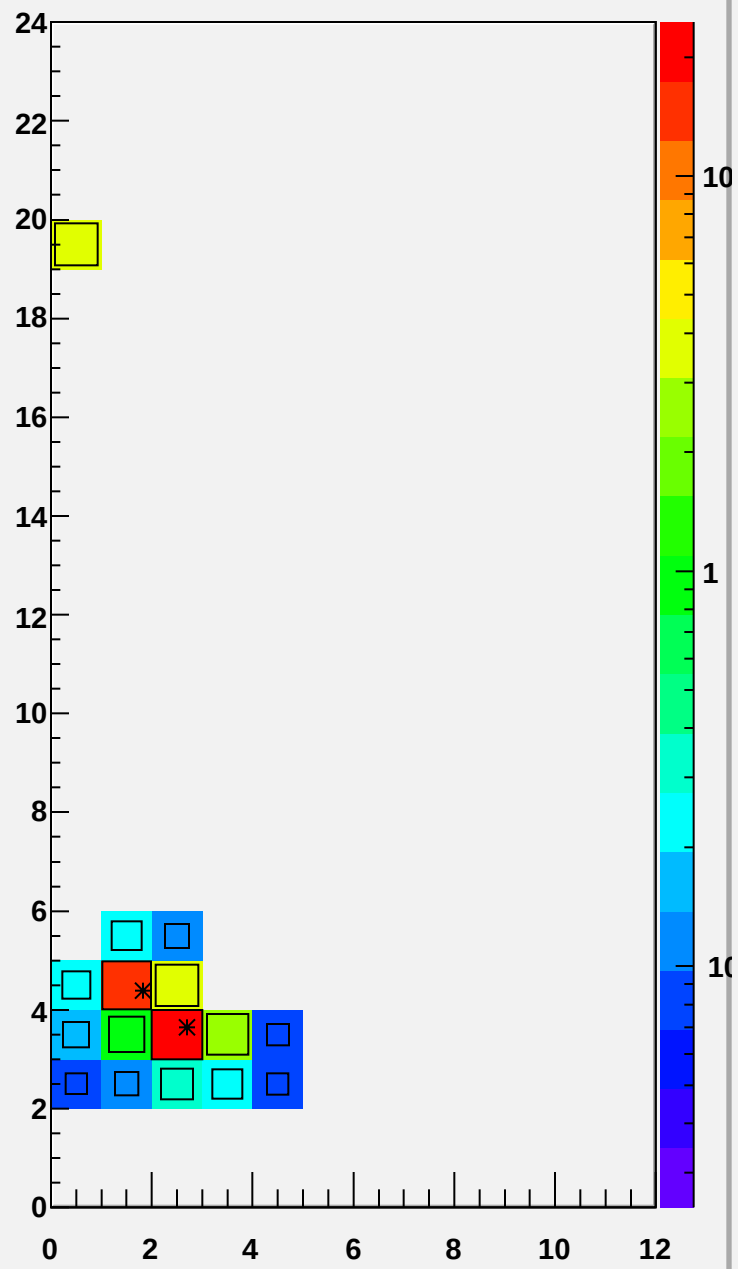
NSTB3_r4_c3_En=32.1_m0=0.108_m1=0.108_index=898



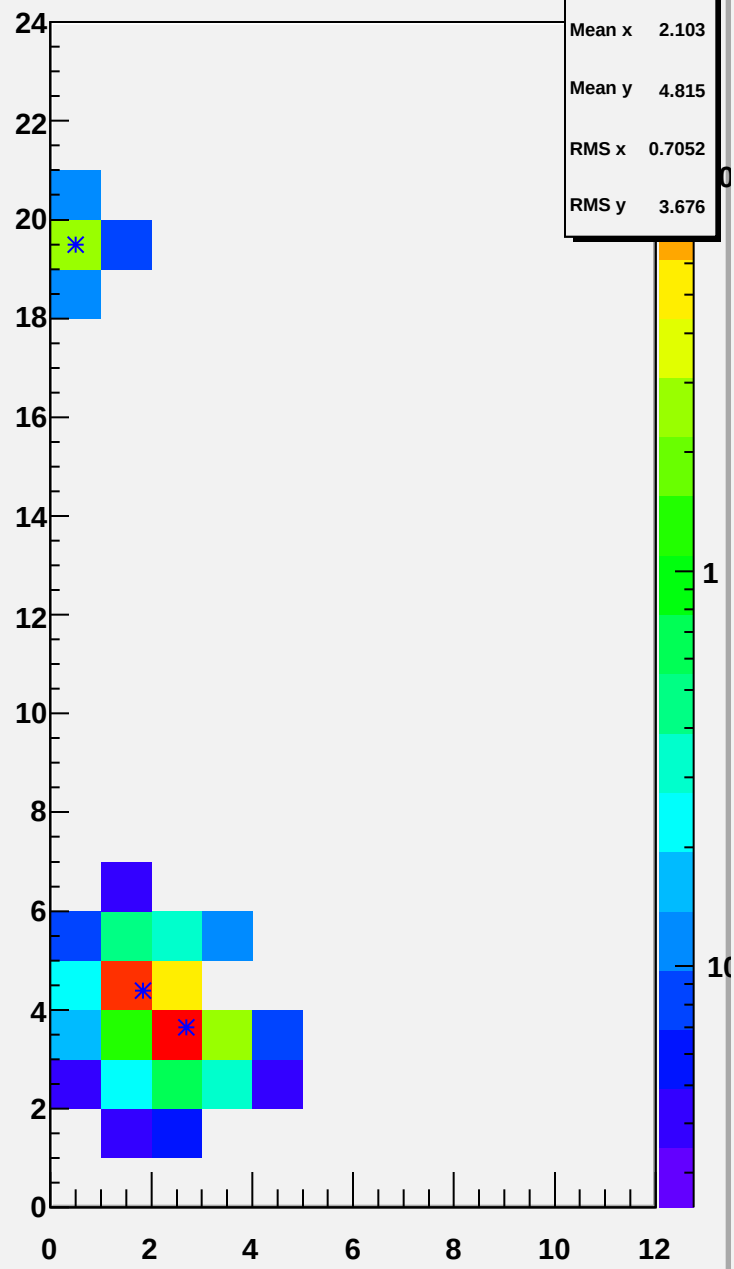
Fitted Energies



NSTB3_r4_c3_En=51.6_m0=0.160_m1=0.161_index=899



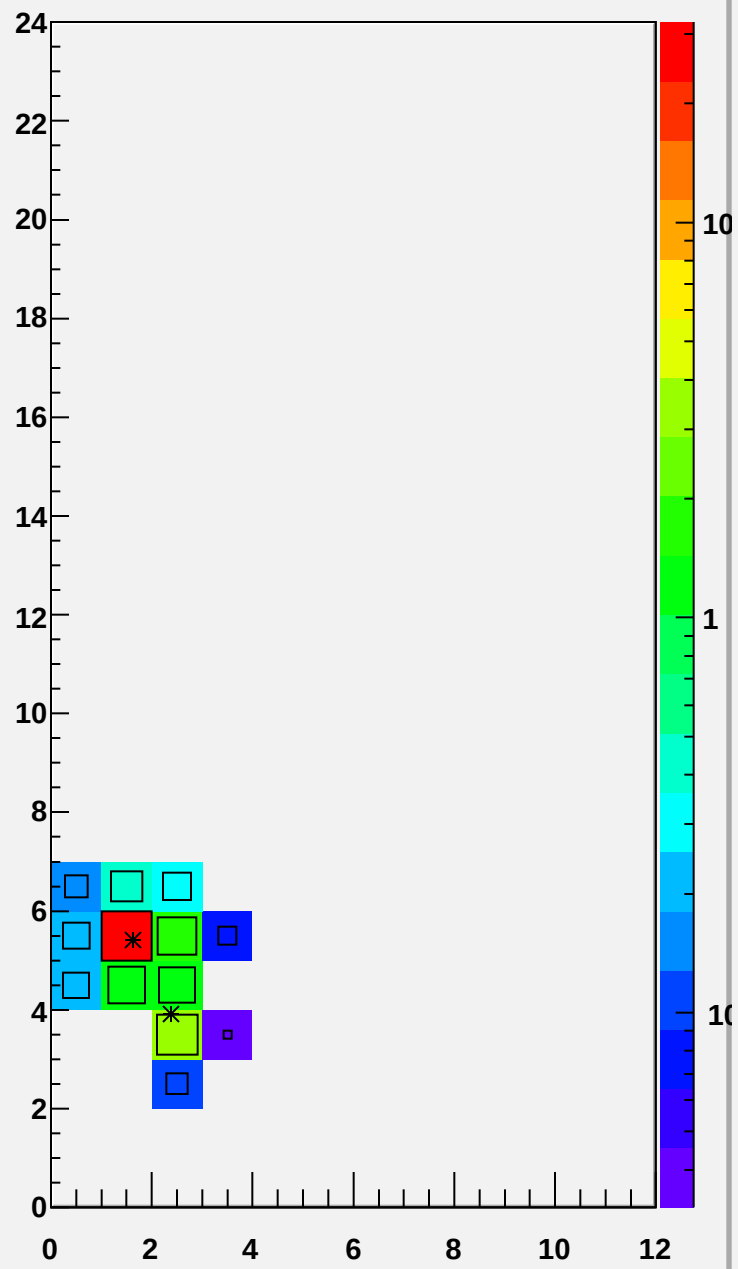
Fitted Energies



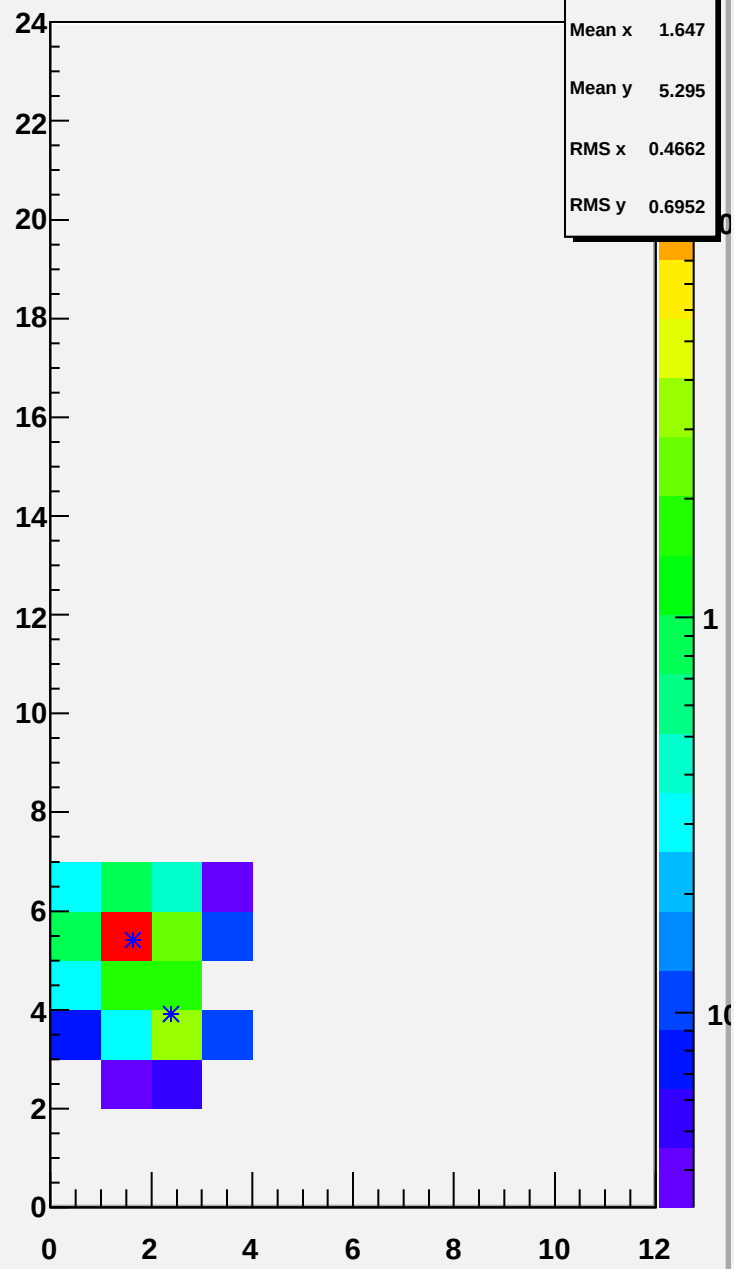
Efit

Entries	288
Mean x	2.103
Mean y	4.815
RMS x	0.7052
RMS y	3.676

NSTB3_r4_c3_En=40.8_m0=0.125_m1=0.125_index=900



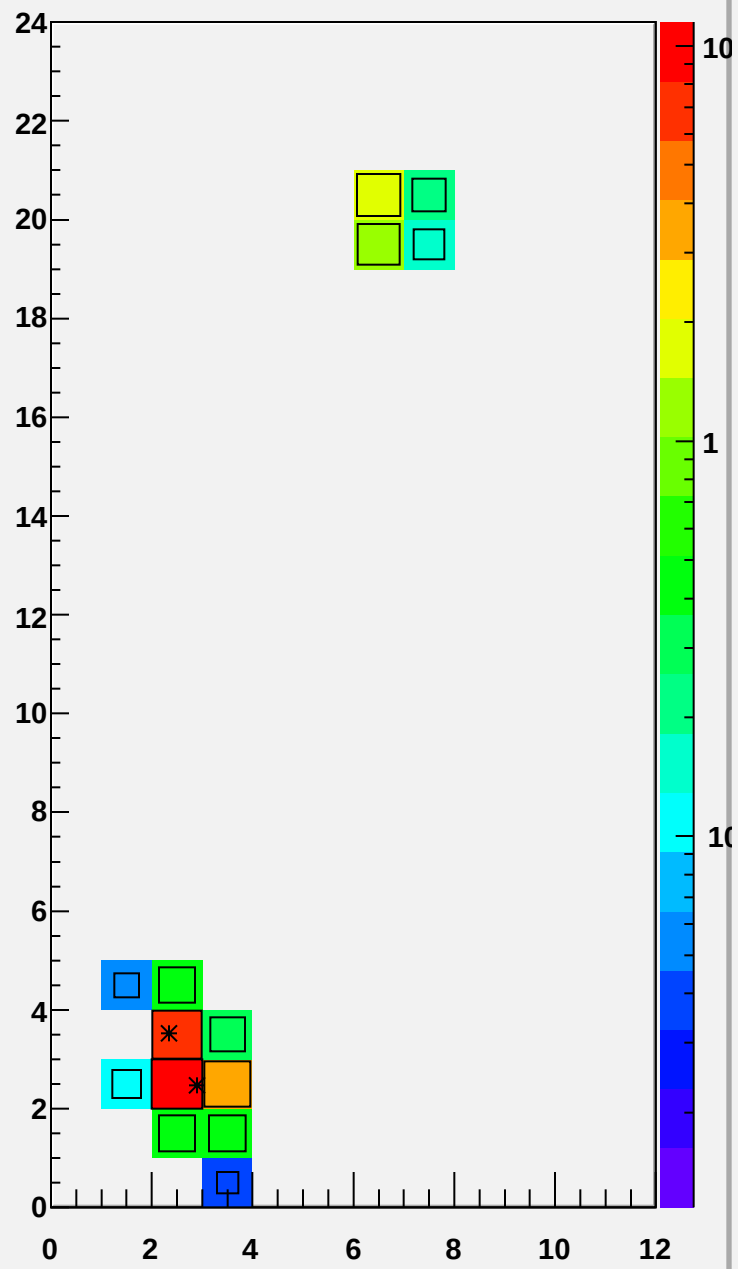
Fitted Energies



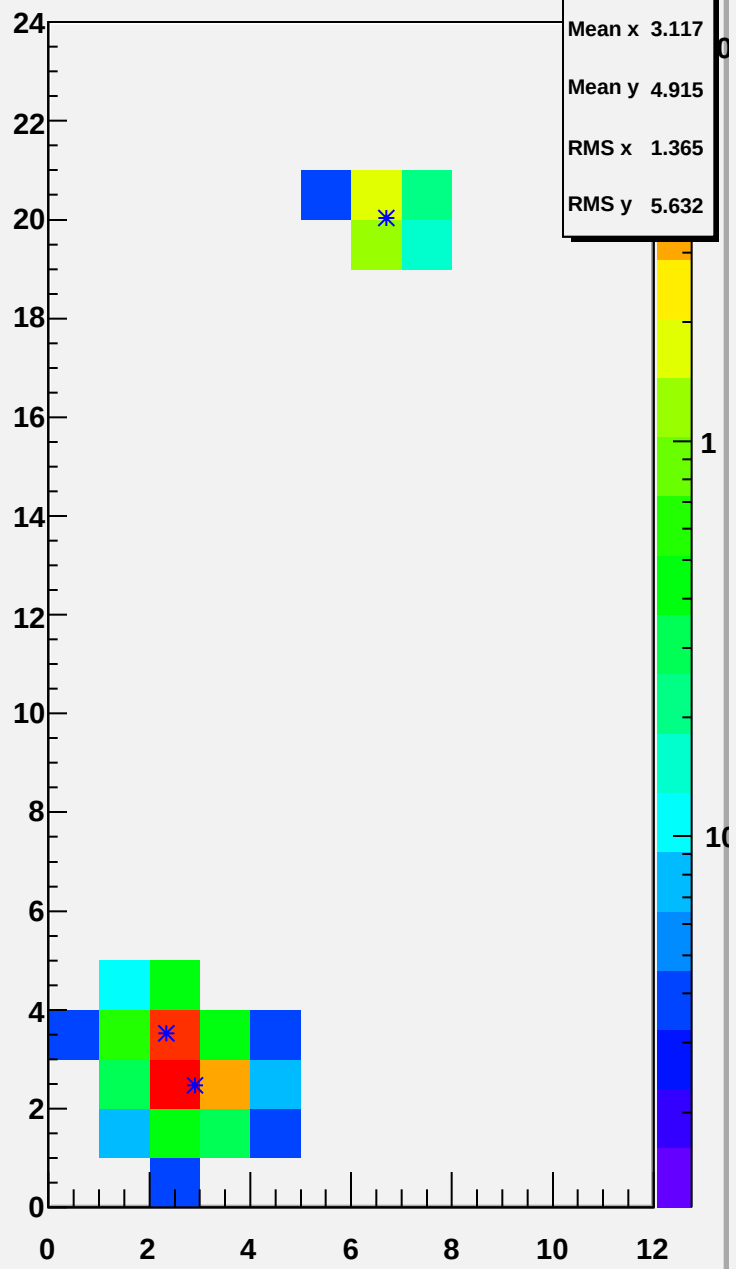
Efit

Entries	288
Mean x	1.647
Mean y	5.295
RMS x	0.4662
RMS y	0.6952

NSTB3_r4_c3_En=28.6_m0=0.082 m1=0.082 index=901



Fitted Energies



Efit

Entries 288

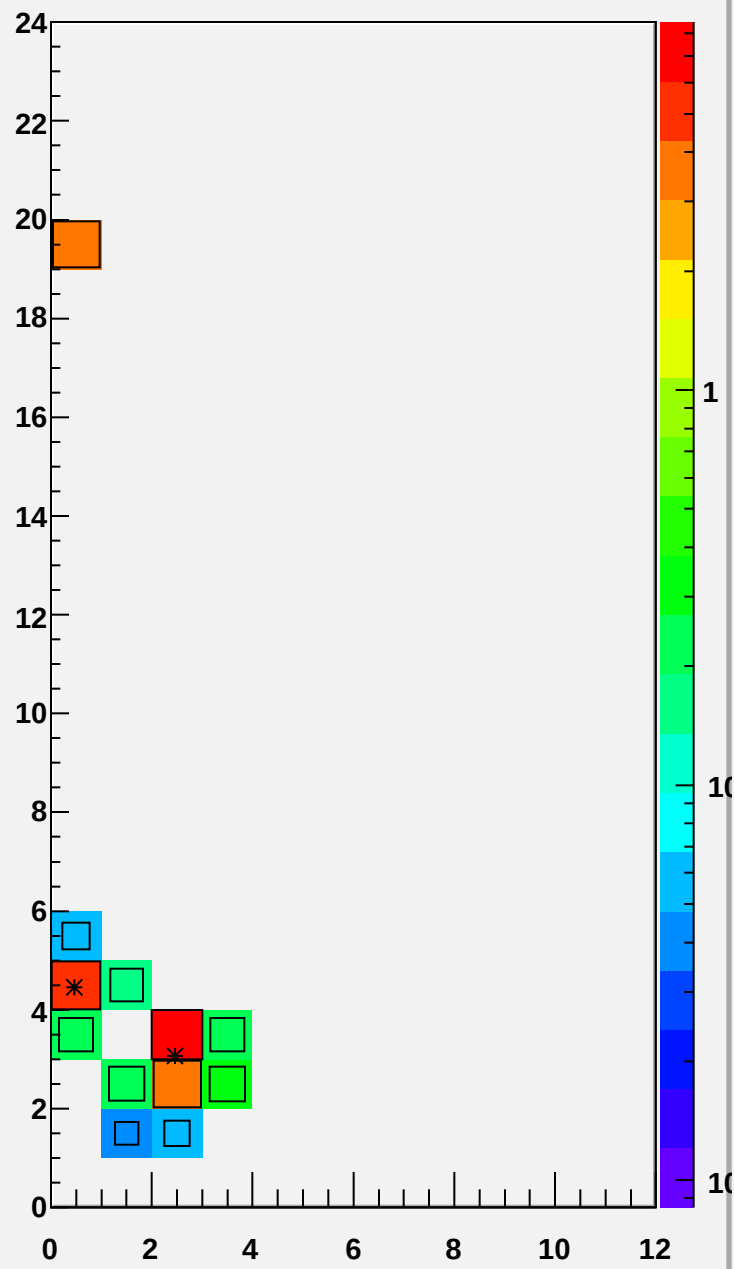
Mean x 3.117

Mean y 4.915

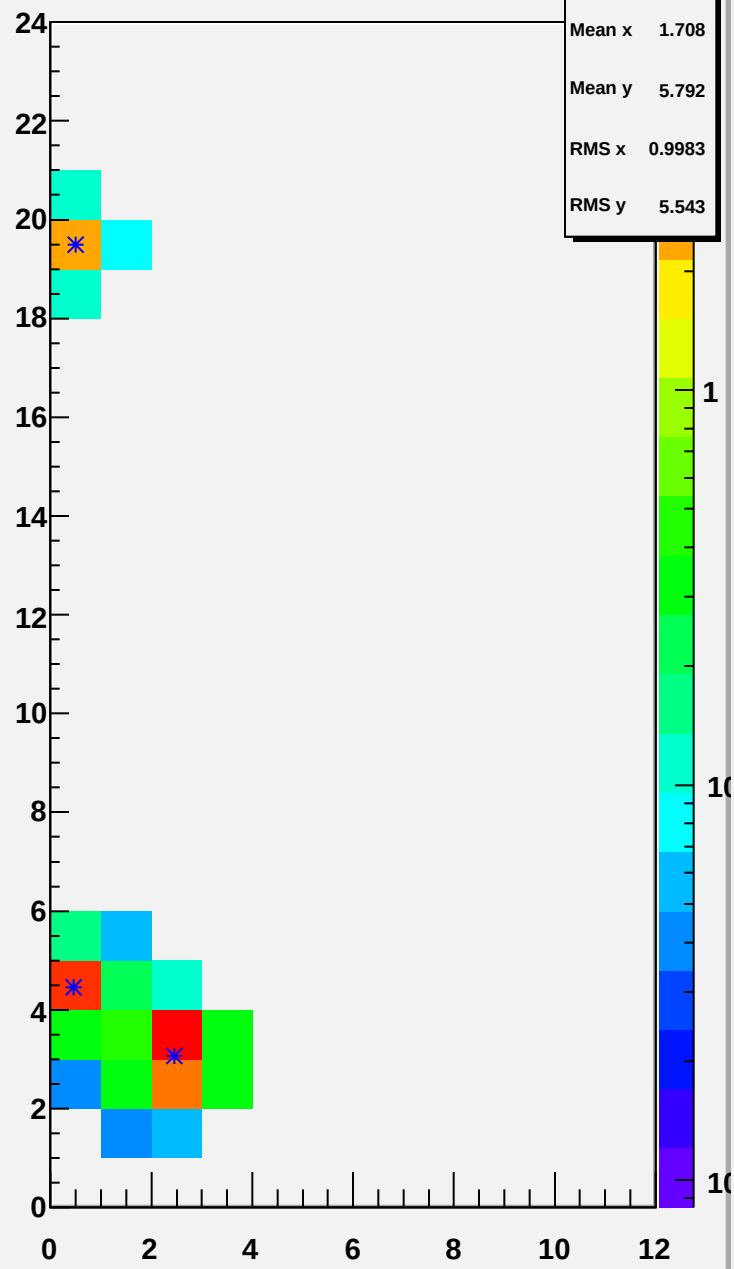
RMS x 1.365

RMS y 5.632

NSTB3_r4_c3_En=22.1_m0=0.127 m1=0.127 index=902



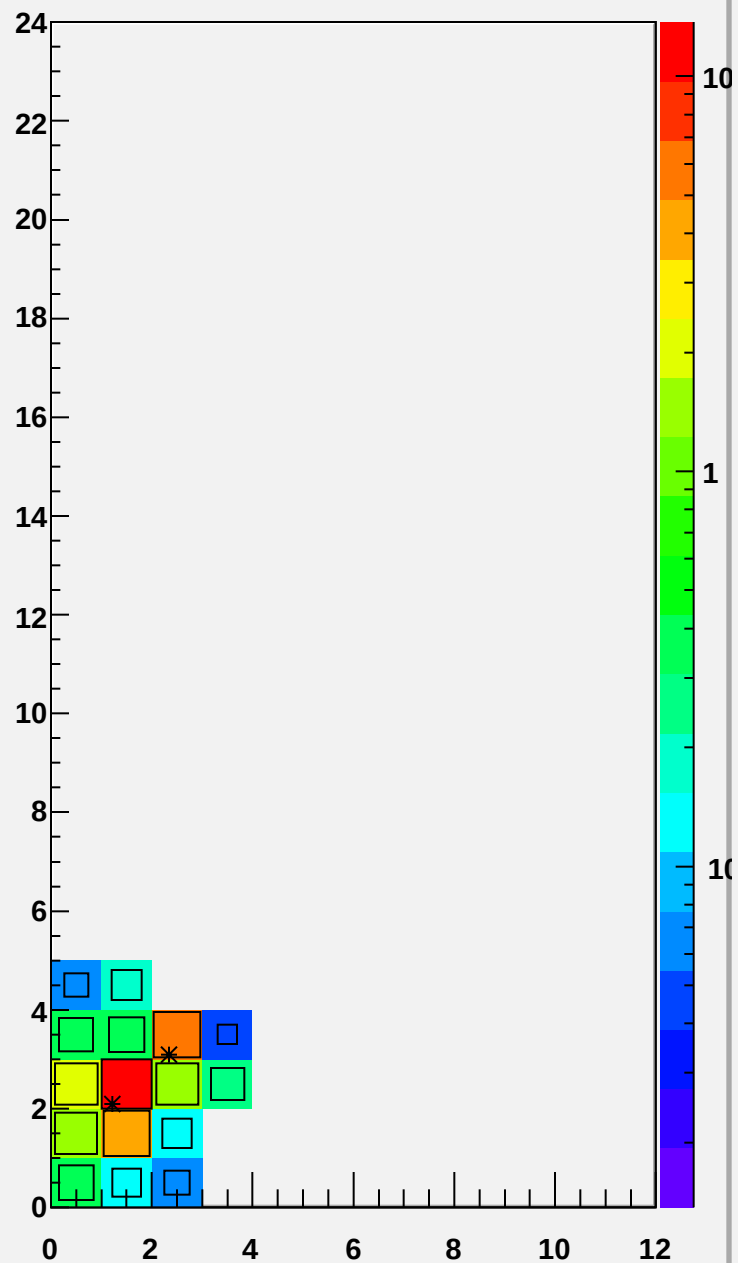
Fitted Energies



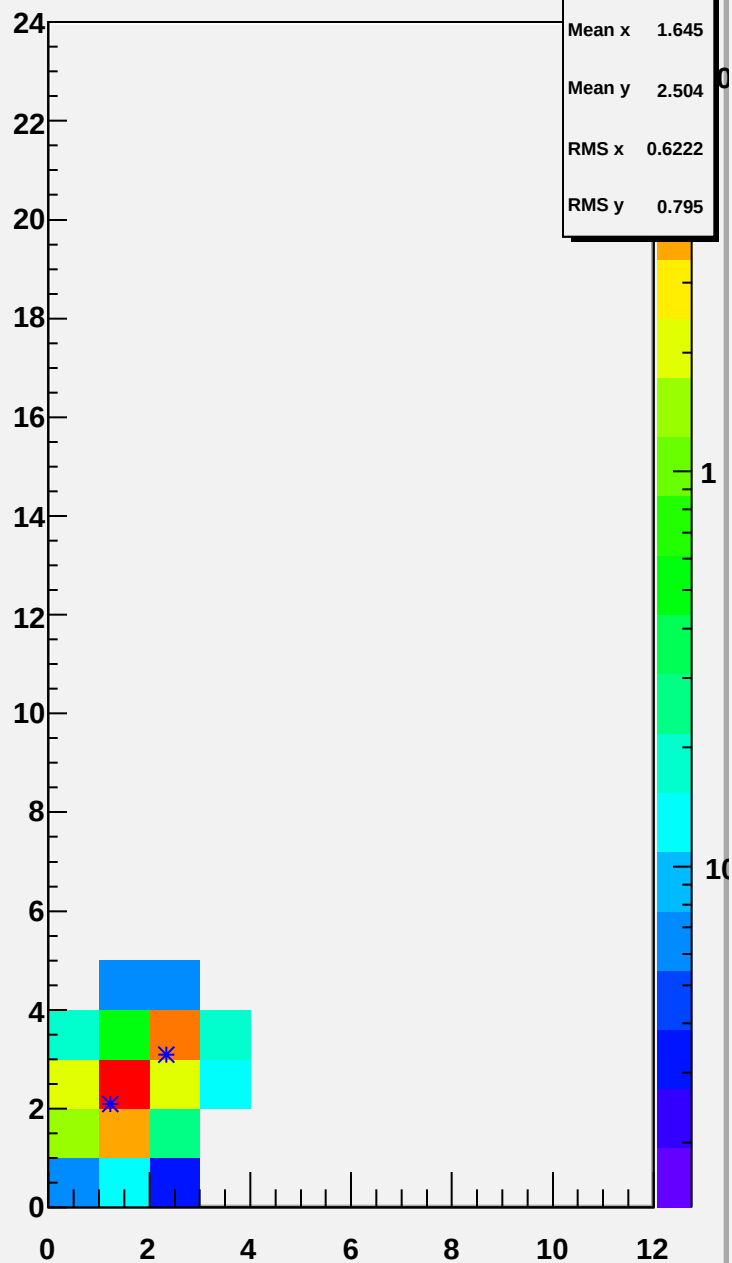
Efit

Entries	288
Mean x	1.708
Mean y	5.792
RMS x	0.9983
RMS y	5.543

NSTB3_r4_c3_En=30.3_m0=0.111 m1=0.111 index=903



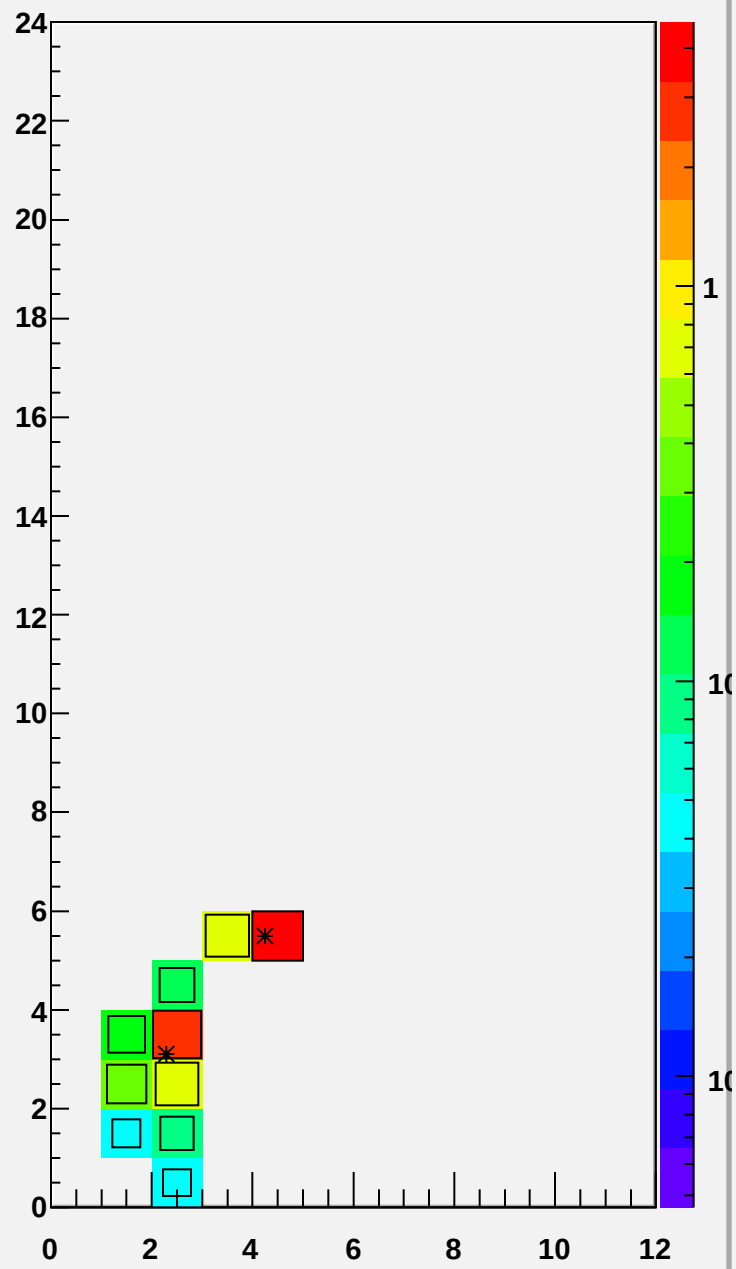
Fitted Energies



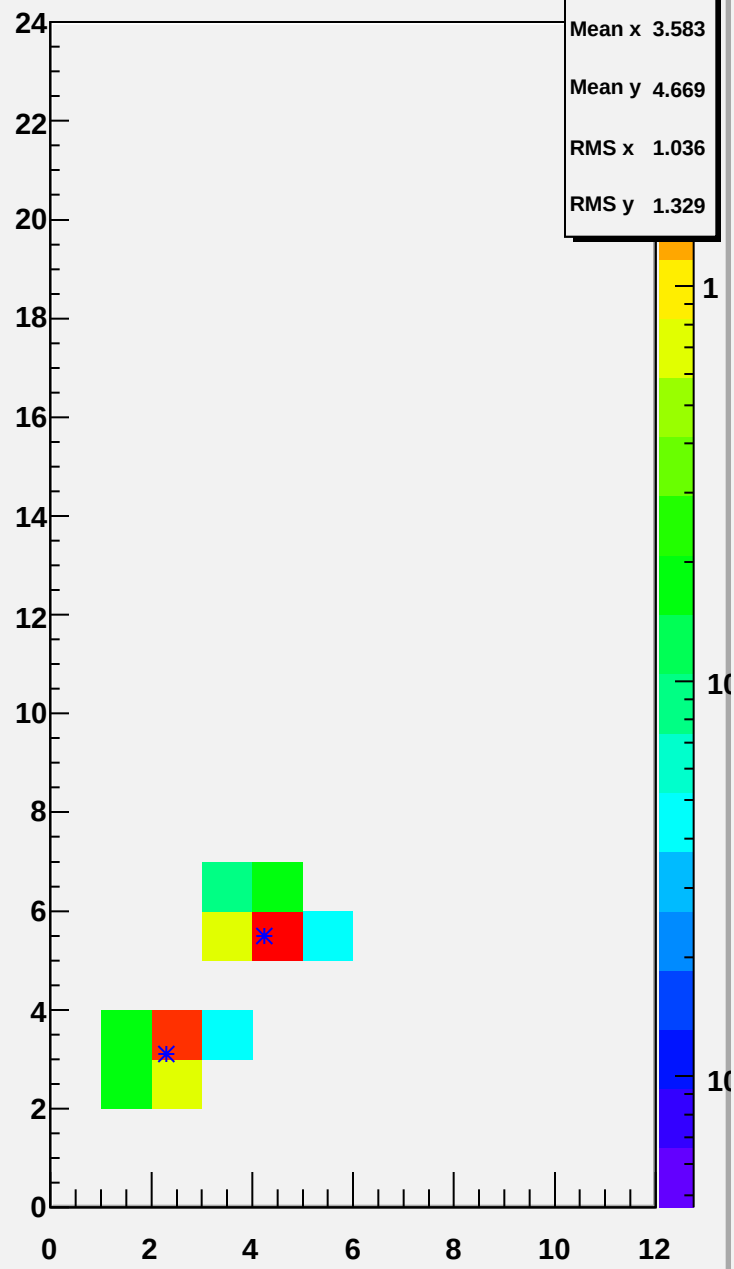
Efit

Entries	288
Mean x	1.645
Mean y	2.504
RMS x	0.6222
RMS y	0.795

NSTB3_r4_c3_En= 9.5_m0=0.083 m1=0.083 index=904



Fitted Energies



Efit

Entries 288

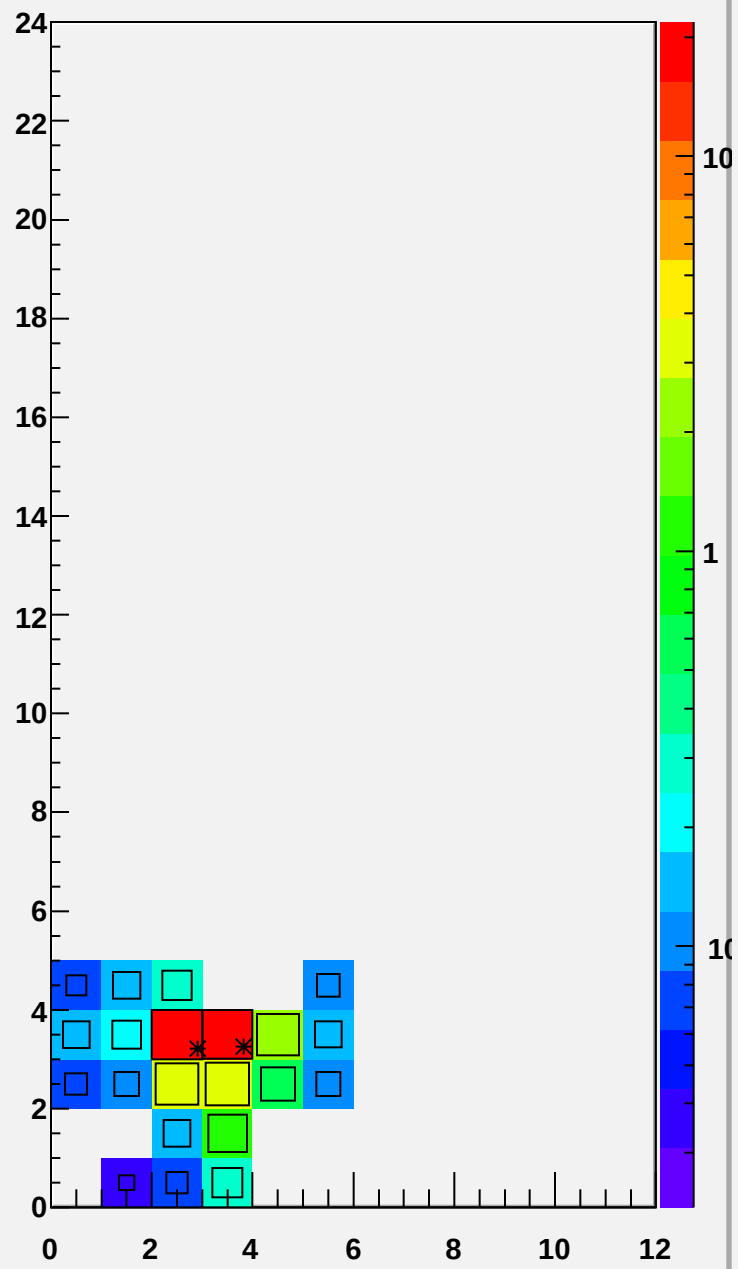
Mean x 3.583

Mean y 4.669

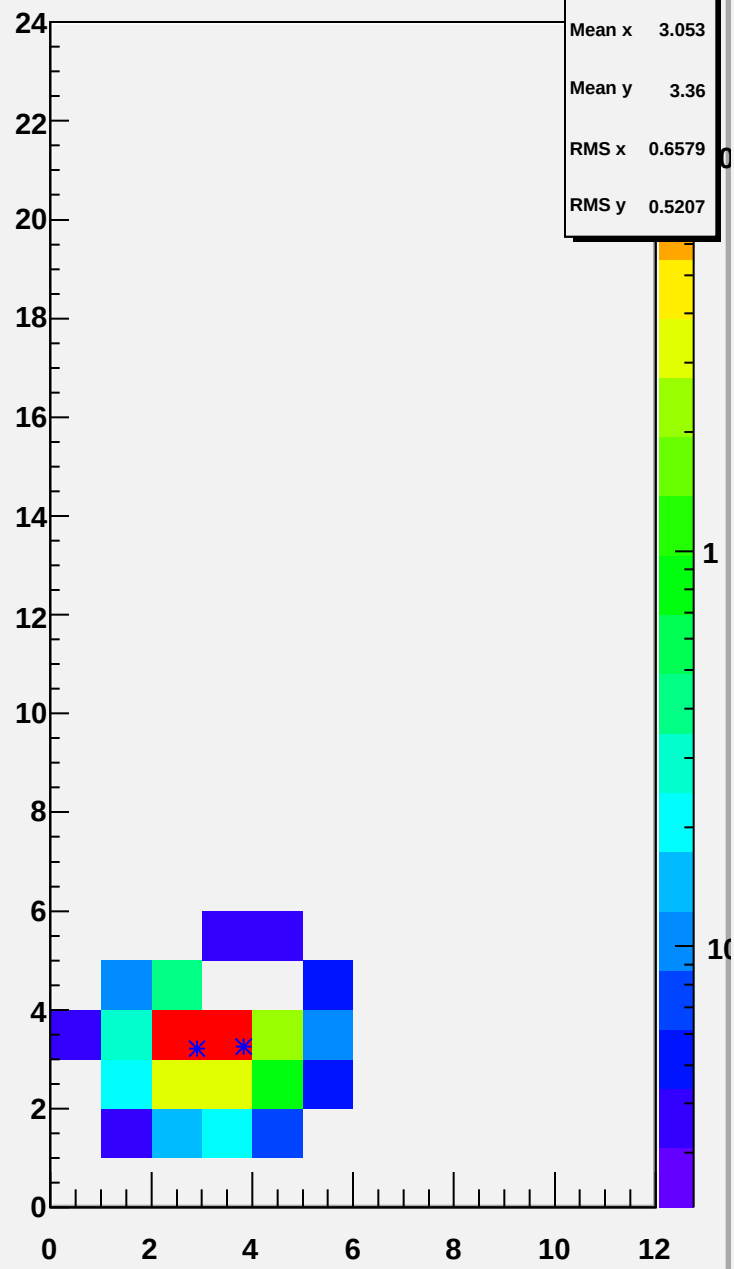
RMS x 1.036

RMS y 1.329

NSTB3_r4_c3_En=53.3_m0=0.120 m1=0.120 index=905



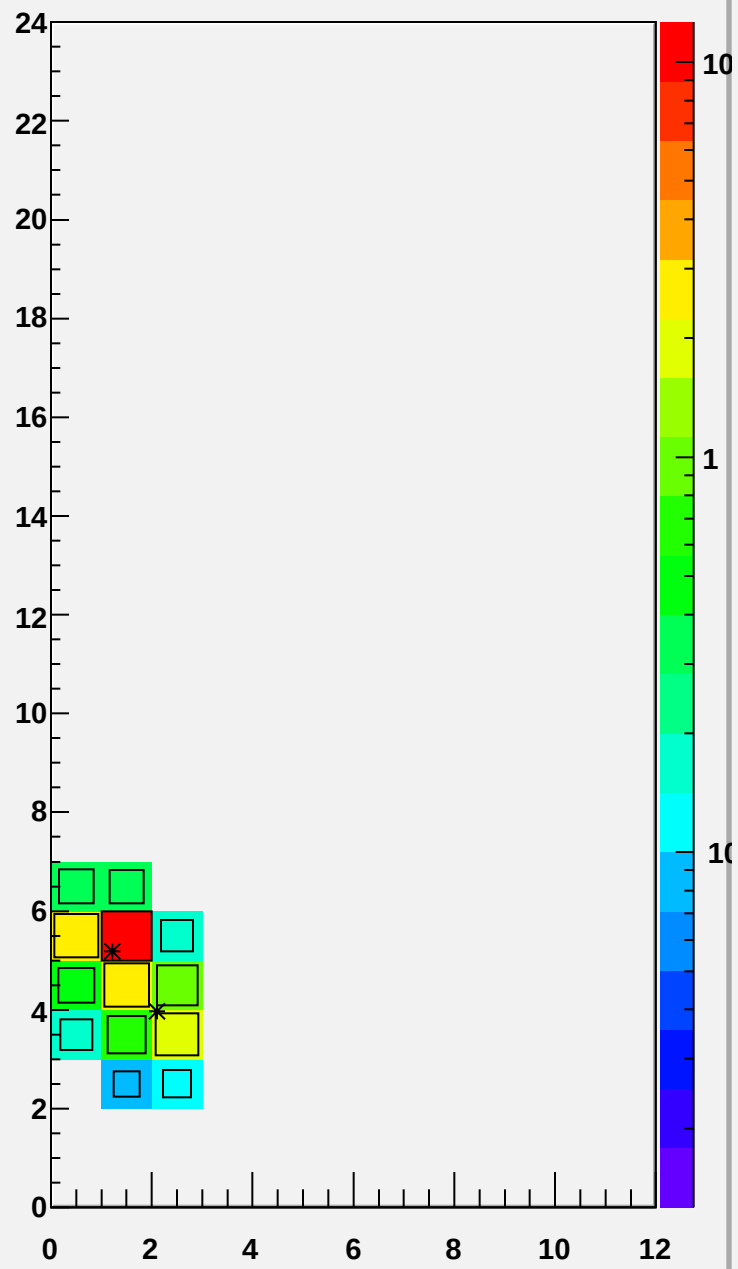
Fitted Energies



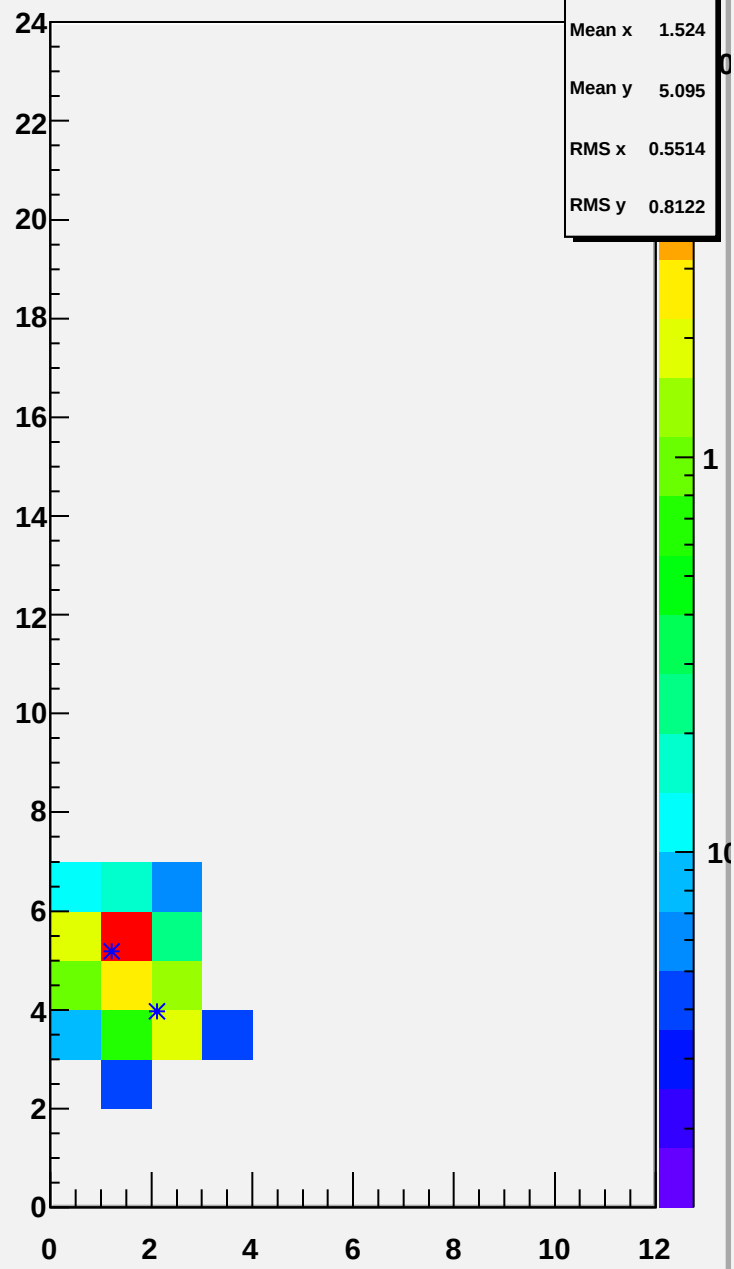
Efit

Entries	288
Mean x	3.053
Mean y	3.36
RMS x	0.6579
RMS y	0.5207

NSTB3_r4_c3_En=22.8_m0=0.075_m1=0.074_index=907



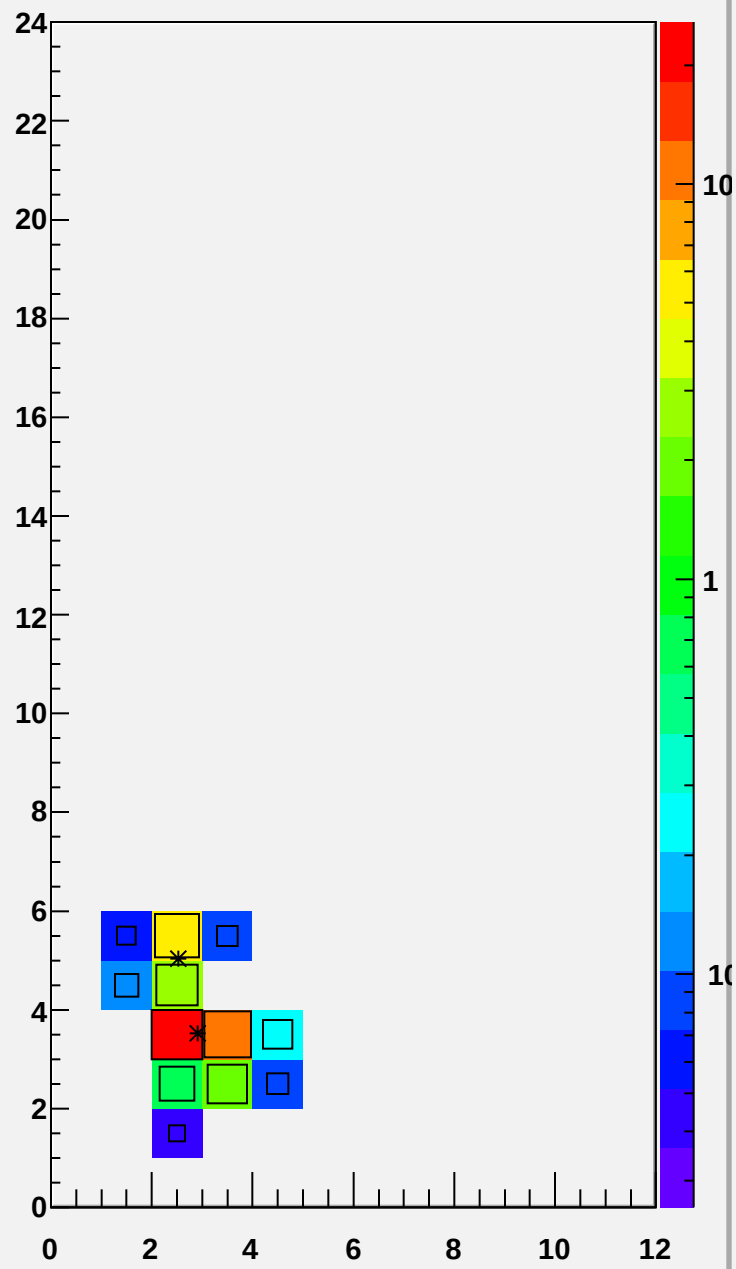
Fitted Energies



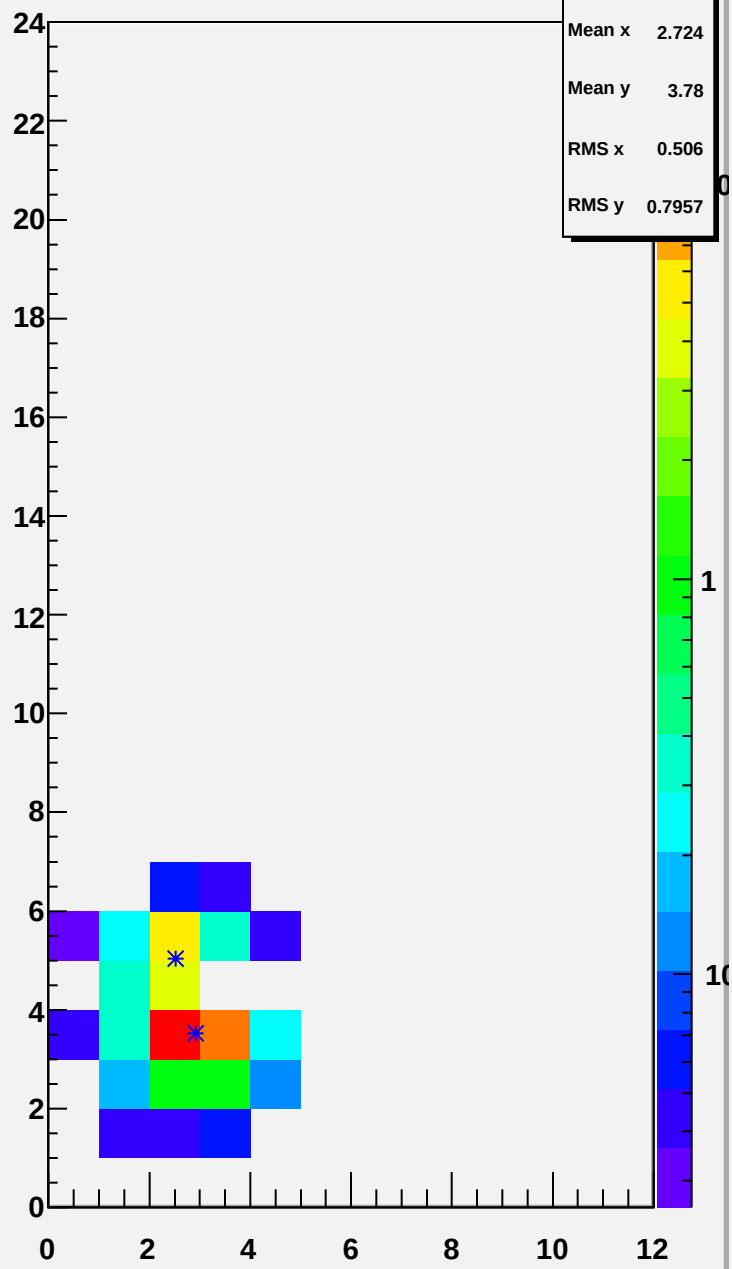
Efit

Entries	288
Mean x	1.524
Mean y	5.095
RMS x	0.5514
RMS y	0.8122

NSTB3_r4_c3_En=46.5_m0=0.164_m1=0.163_index=910



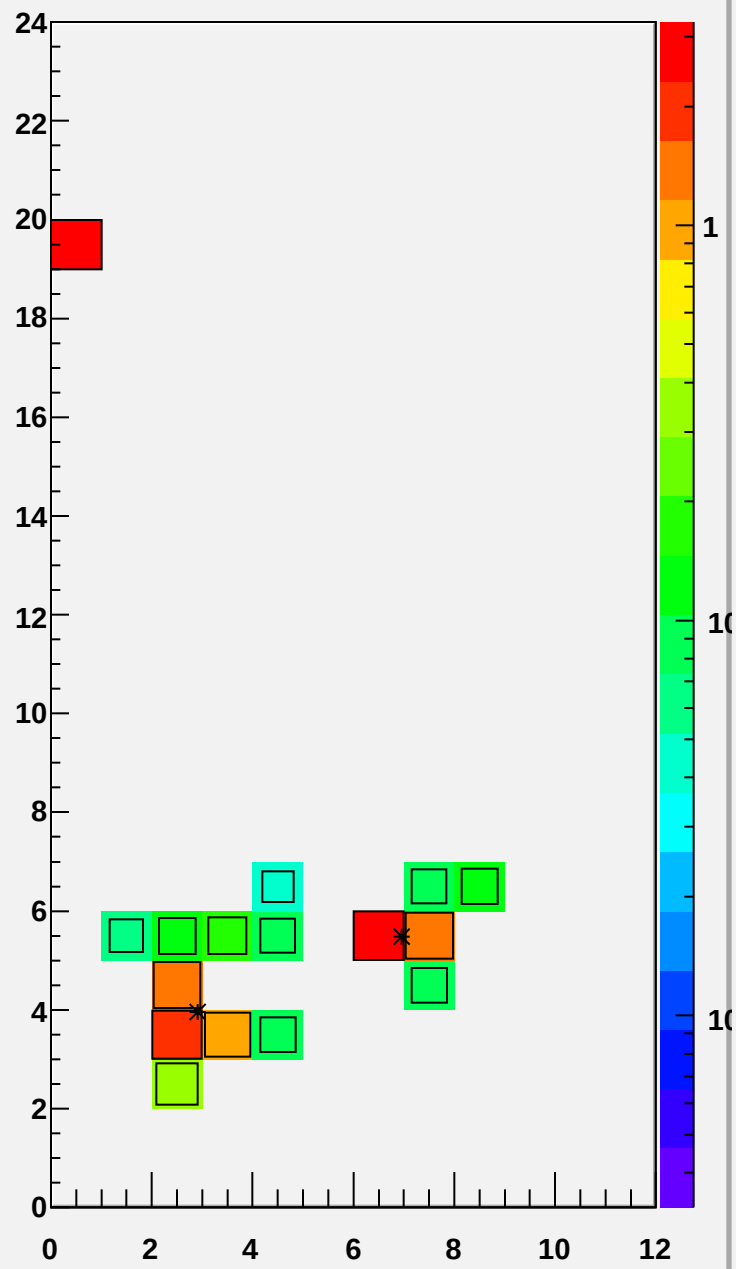
Fitted Energies



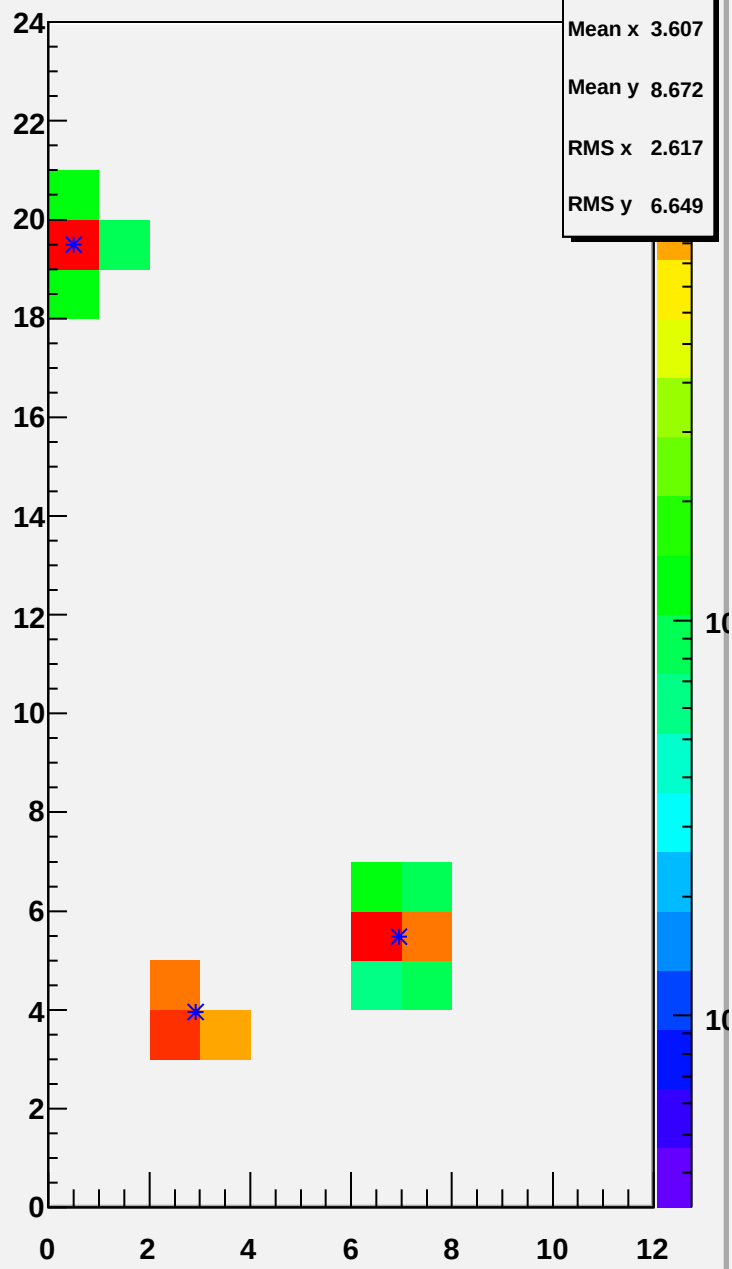
Efit

Entries	288
Mean x	2.724
Mean y	3.78
RMS x	0.506
RMS y	0.7957

NSTB3_r4_c3_En=12.8_m0=0.116_m1=0.116_index=911



Fitted Energies



Efit

Entries 288

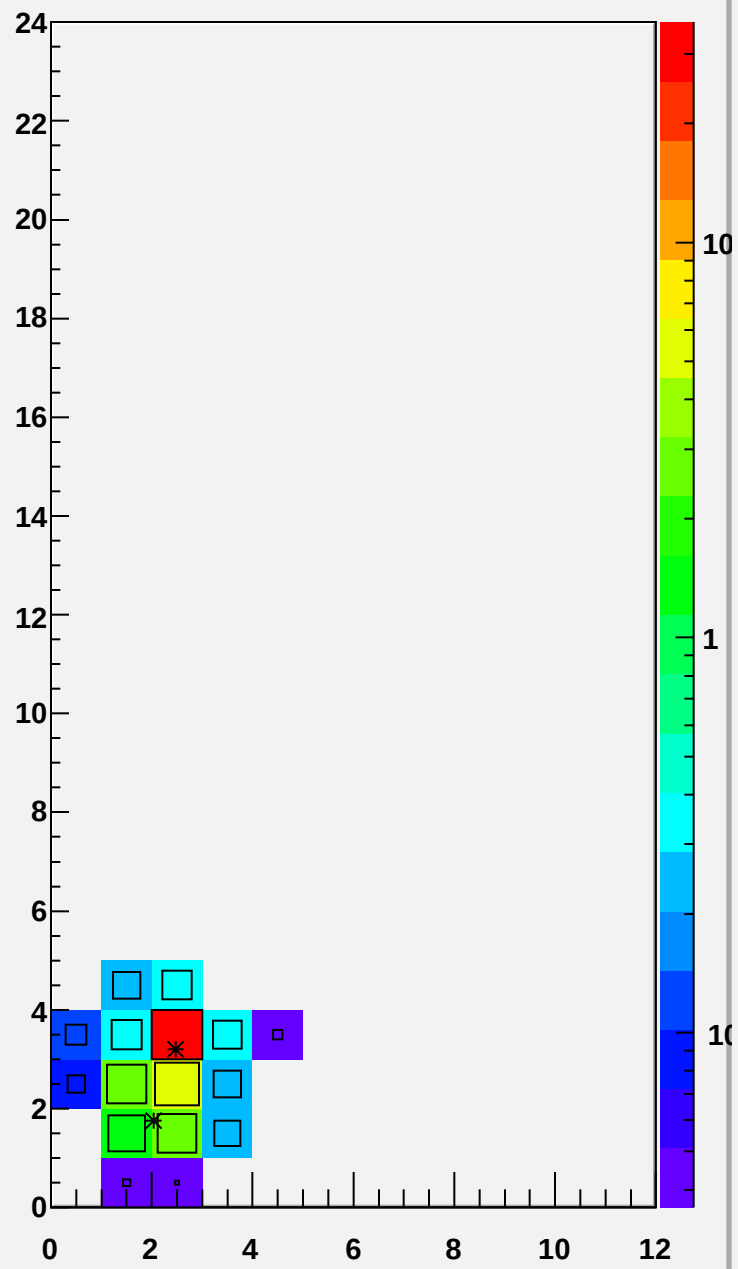
Mean x 3.607

Mean y 8.672

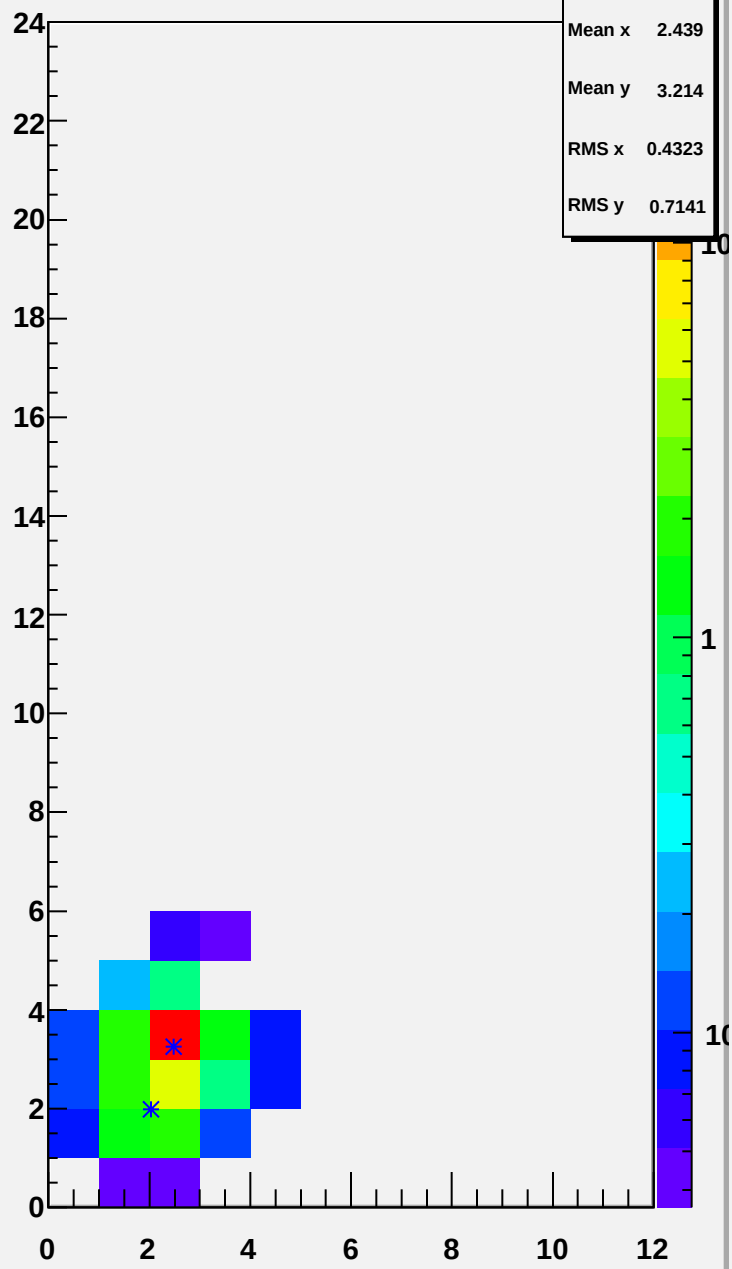
RMS x 2.617

RMS y 6.649

NSTB3_r4_c3_En=50.3_m0=0.113 m1=0.125 index=912



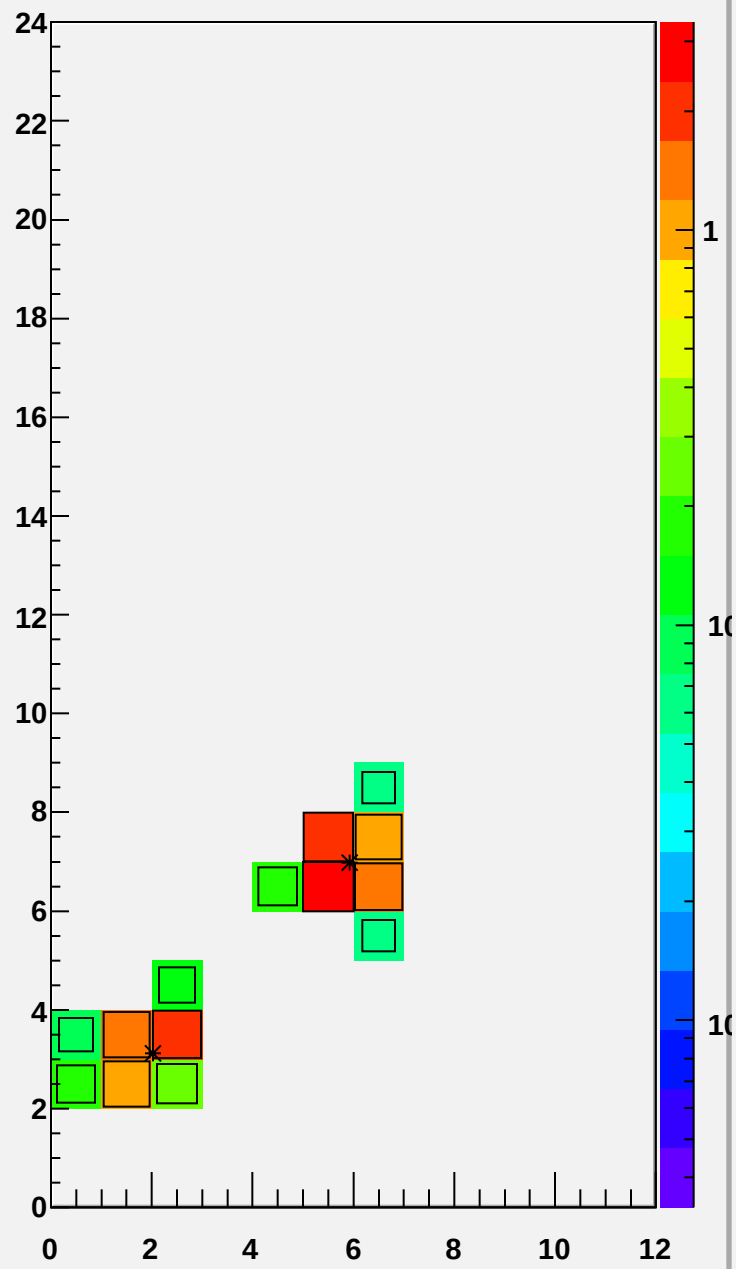
Fitted Energies



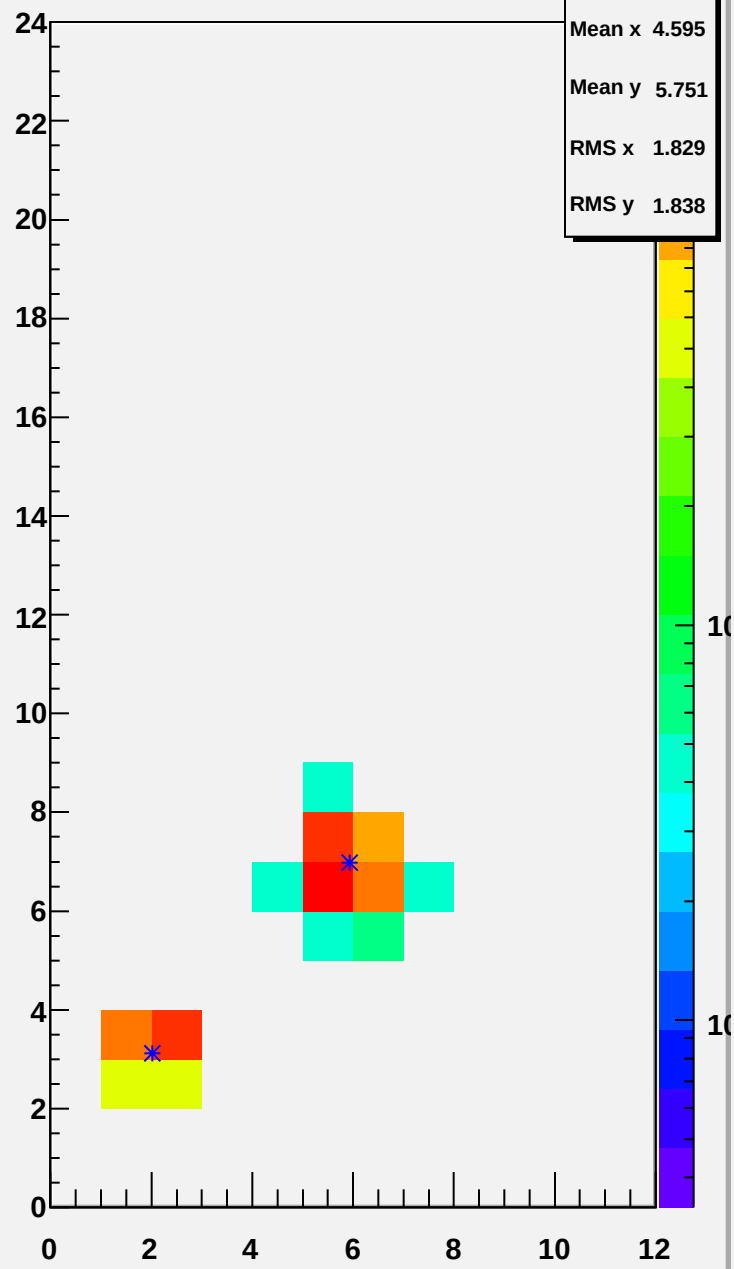
Efit

Entries	288
Mean x	2.439
Mean y	3.214
RMS x	0.4323
RMS y	0.7141

NSTB3_r4_c3_En=13.6_m0=0.190 m1=0.190 index=913



Fitted Energies



Efit

Entries 288

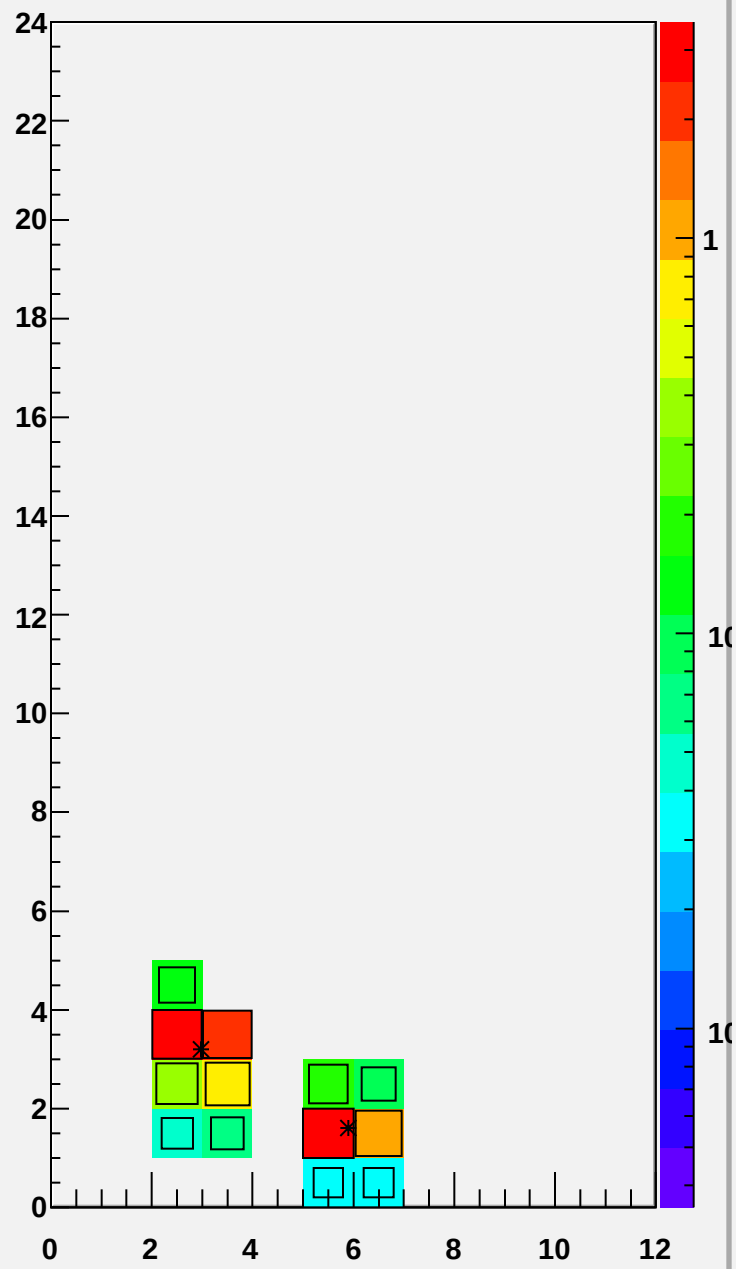
Mean x 4.595

Mean y 5.751

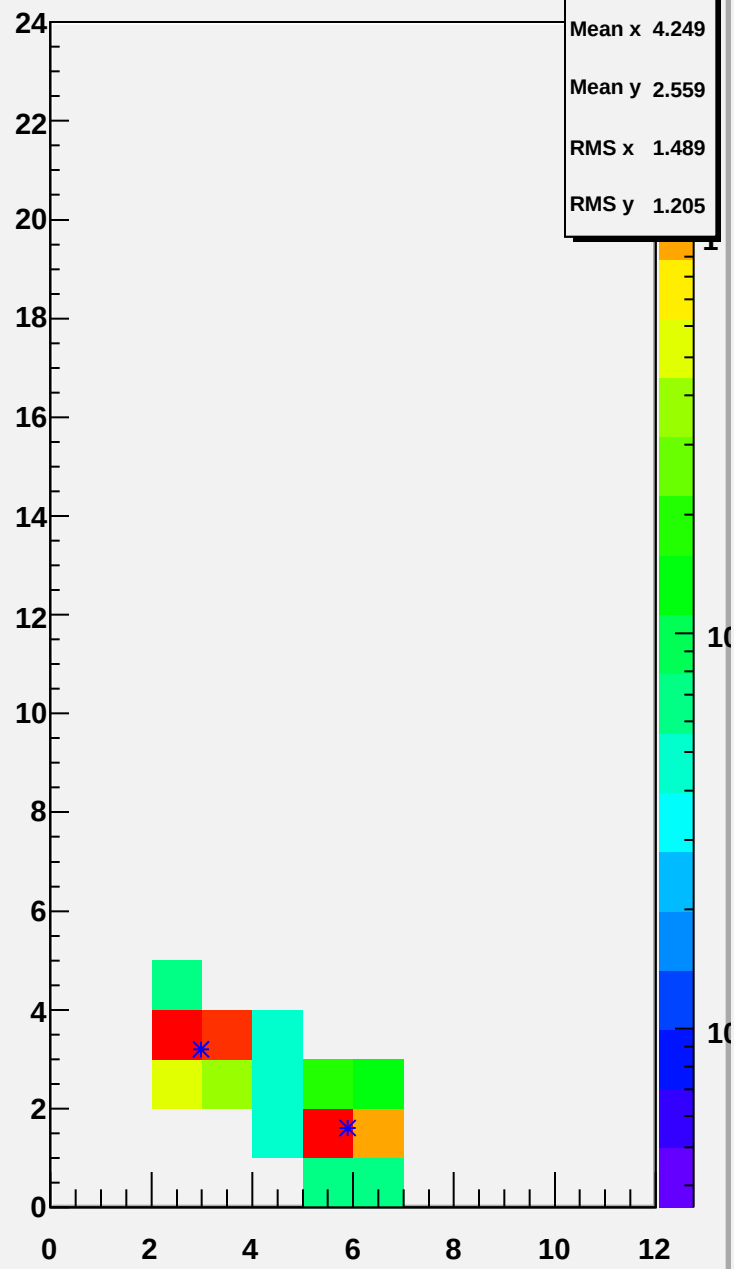
RMS x 1.829

RMS y 1.838

NSTB3_r4_c3_En=11.3_m0=0.105_m1=0.105_index=914



Fitted Energies



Efit

Entries 288

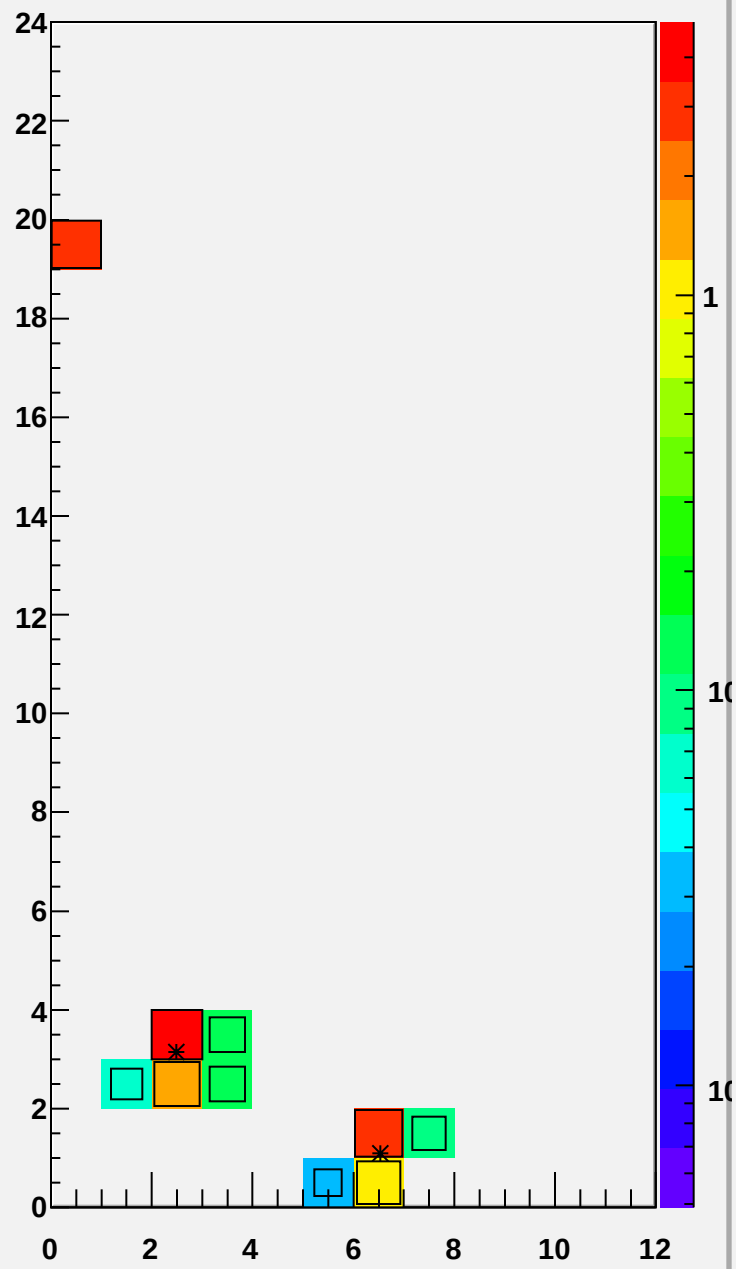
Mean x 4.249

Mean y 2.559

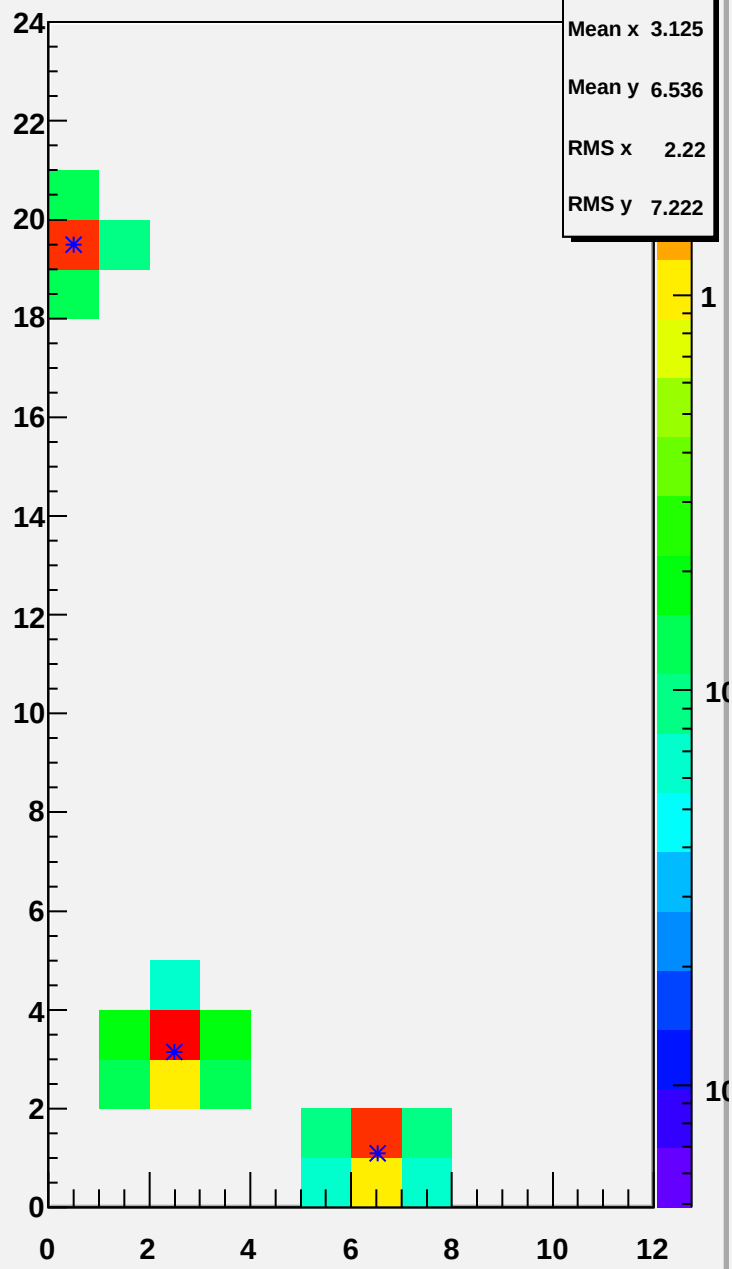
RMS x 1.489

RMS y 1.205

NSTB3_r4_c3_En=13.4_m0=0.131_m1=0.131_index=915



Fitted Energies



Efit

Entries 288

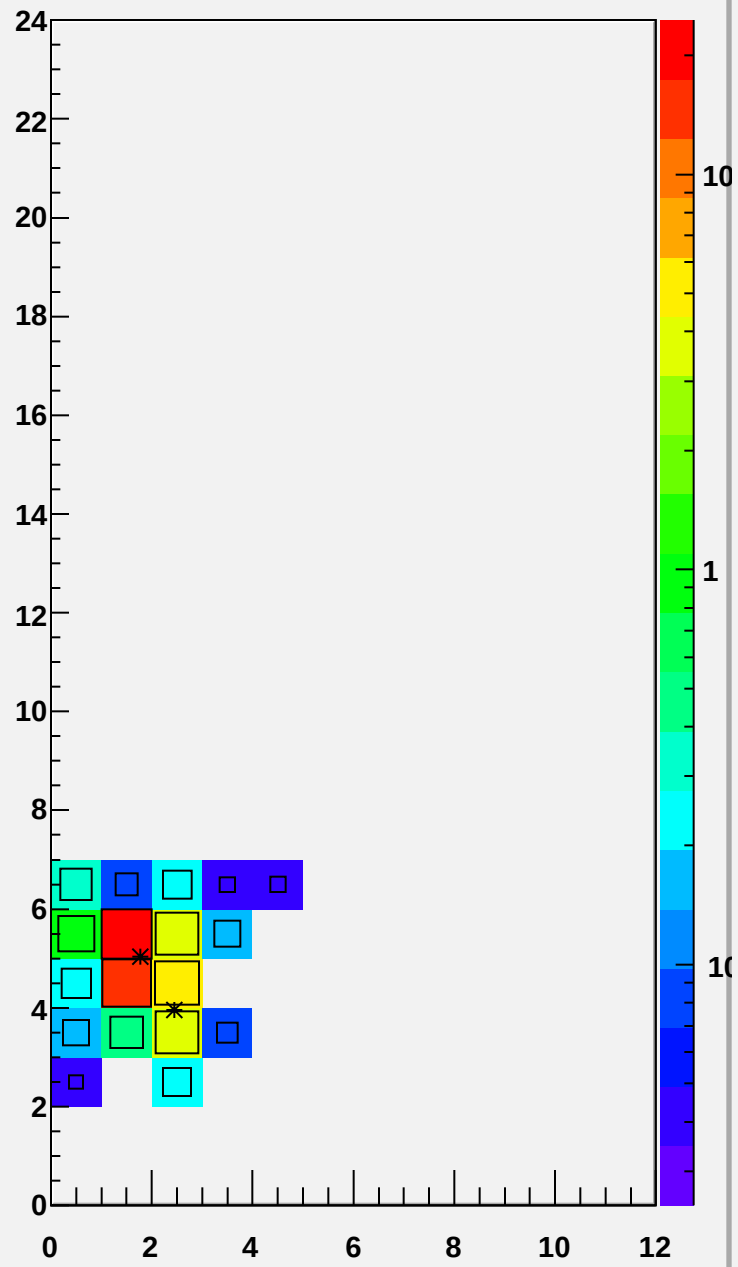
Mean x 3.125

Mean y 6.536

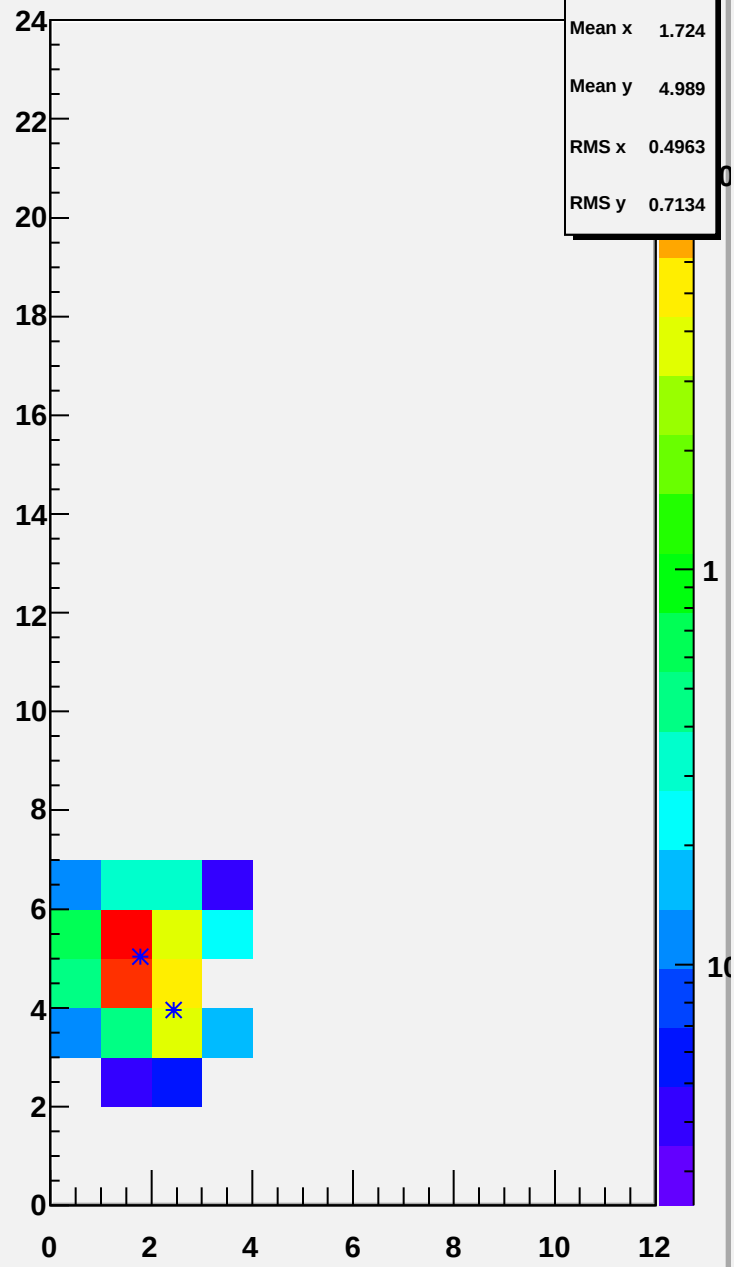
RMS x 2.22

RMS y 7.222

NSTB3_r4_c3_En=55.0_m0=0.120_m1=0.120_index=916



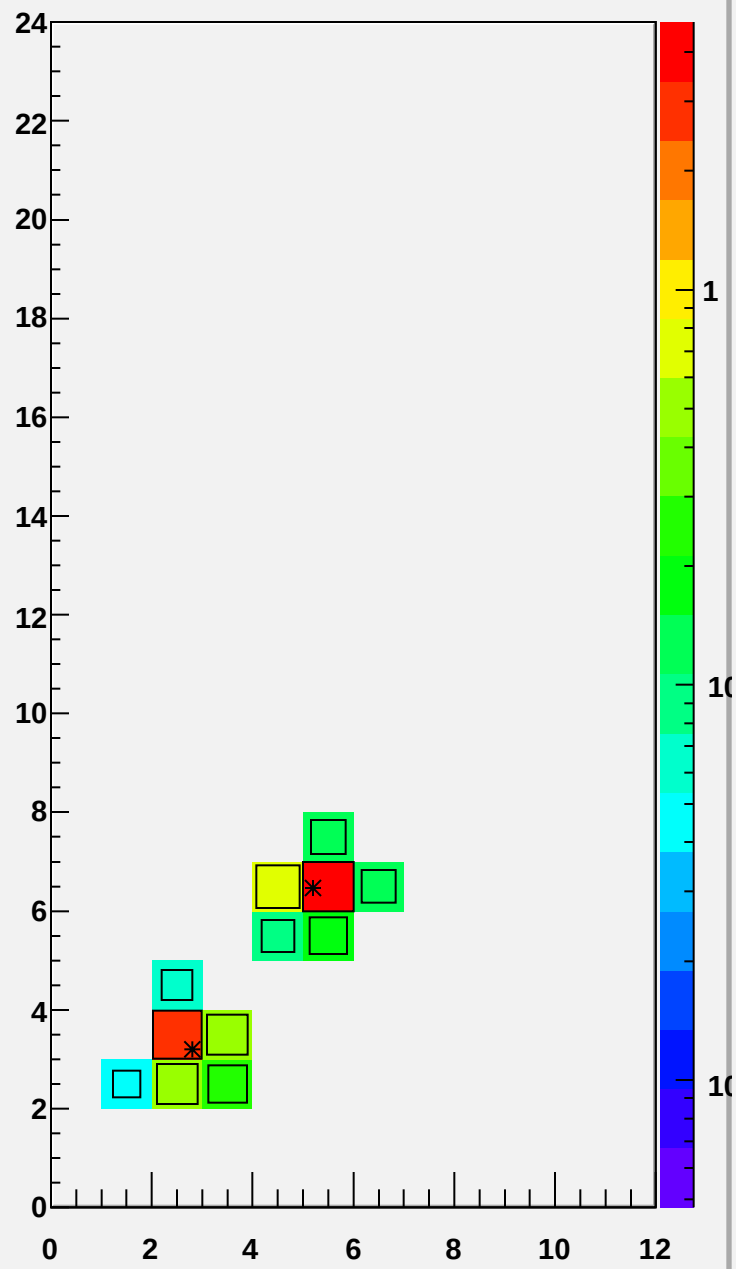
Fitted Energies



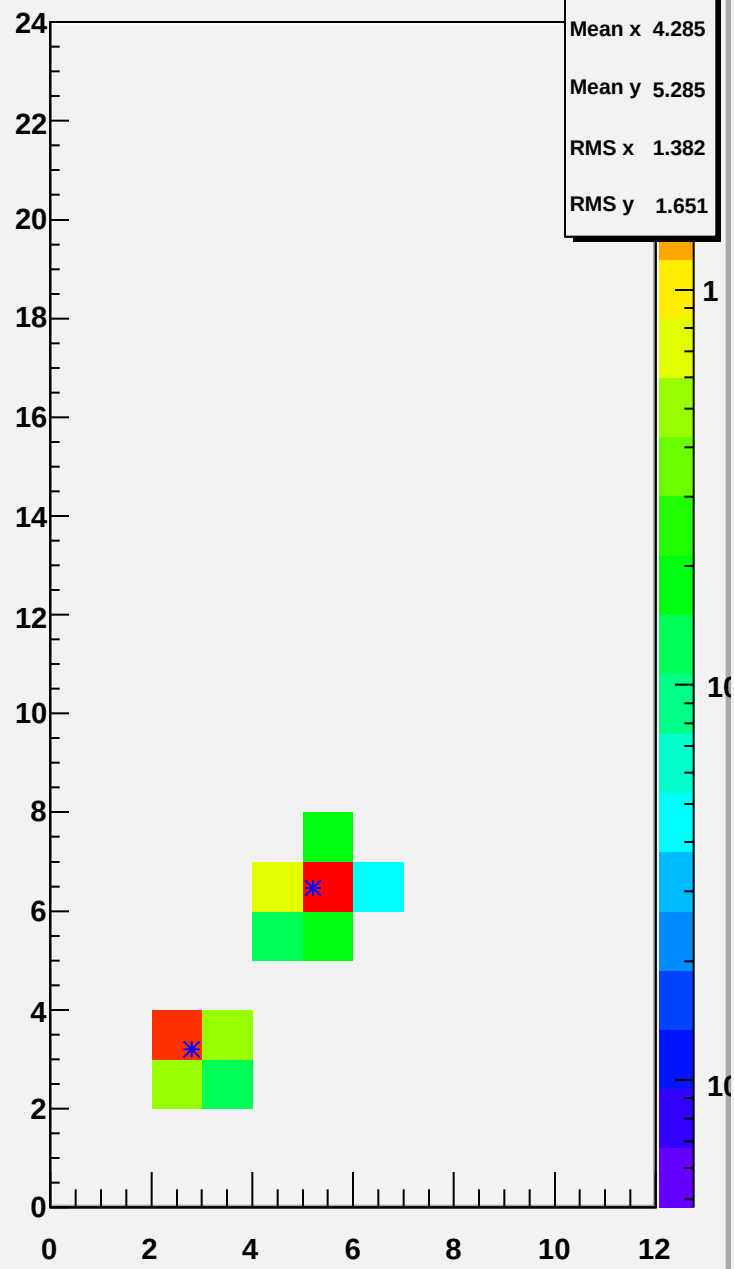
Efit

Entries	288
Mean x	1.724
Mean y	4.989
RMS x	0.4963
RMS y	0.7134

NSTB3_r4_c3_En=10.3_m0=0.117 m1=0.117 index=917



Fitted Energies



Efit

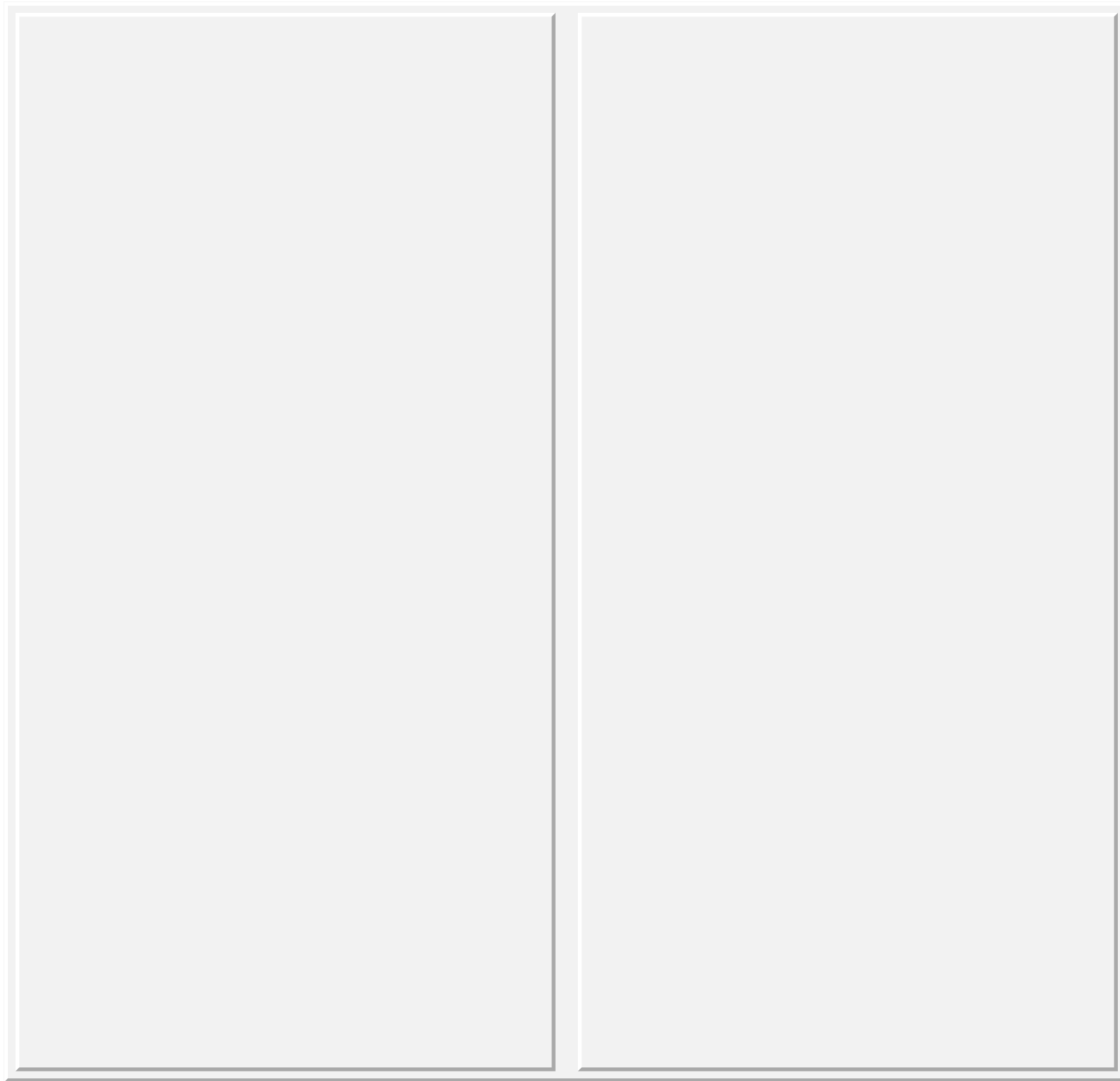
Entries 288

Mean x 4.285

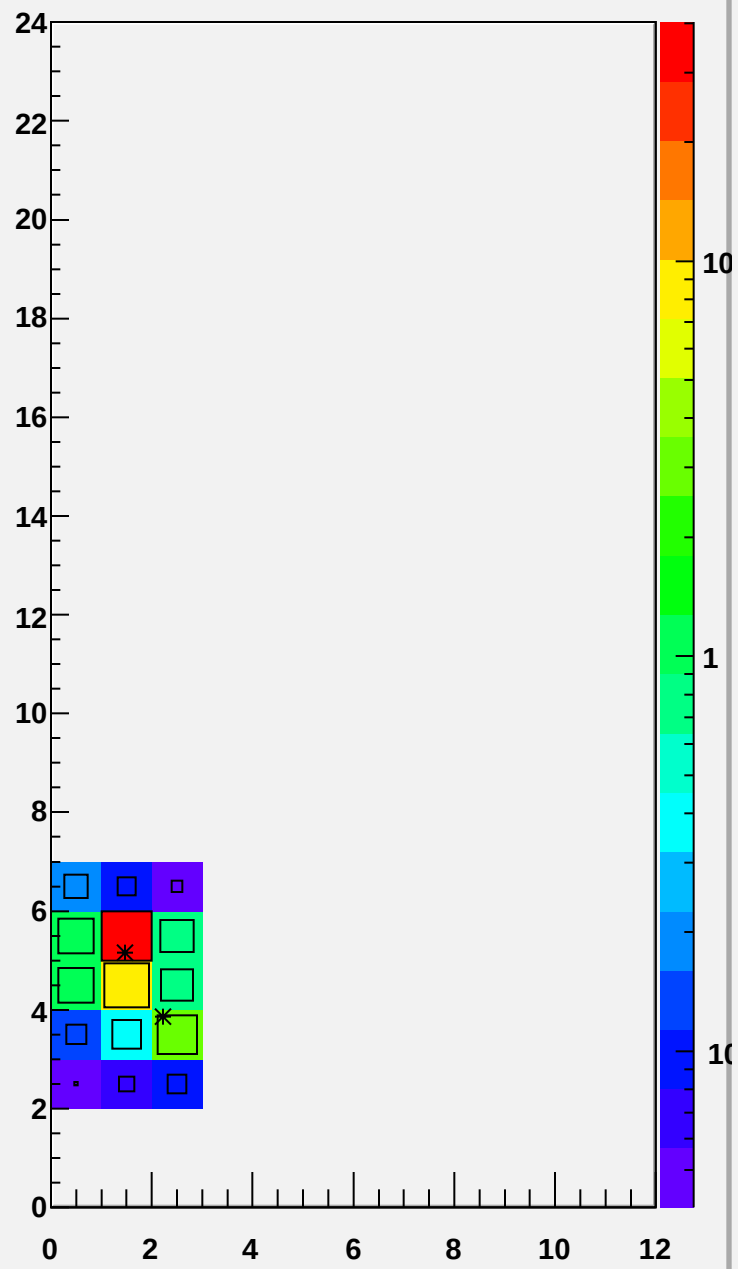
Mean y 5.285

RMS x 1.382

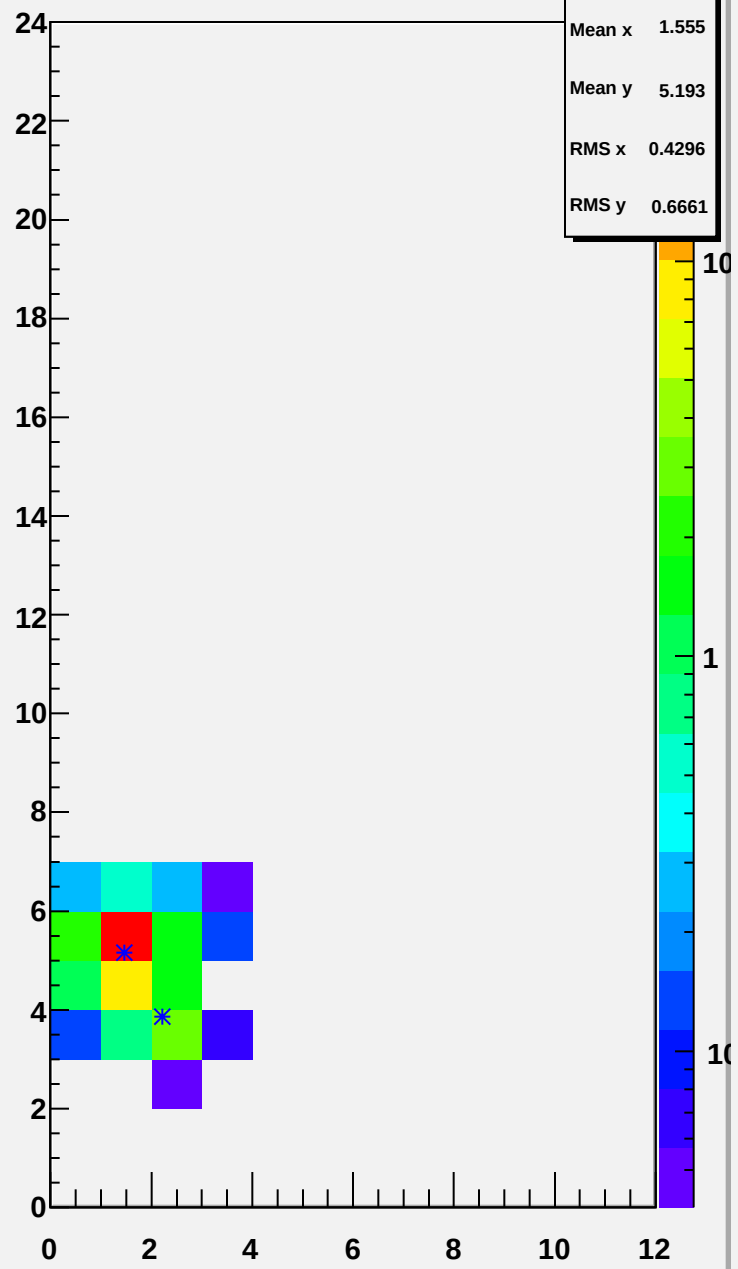
RMS y 1.651



NSTB3_r4_c3_En=56.9_m0=0.127 m1=0.127 index=921



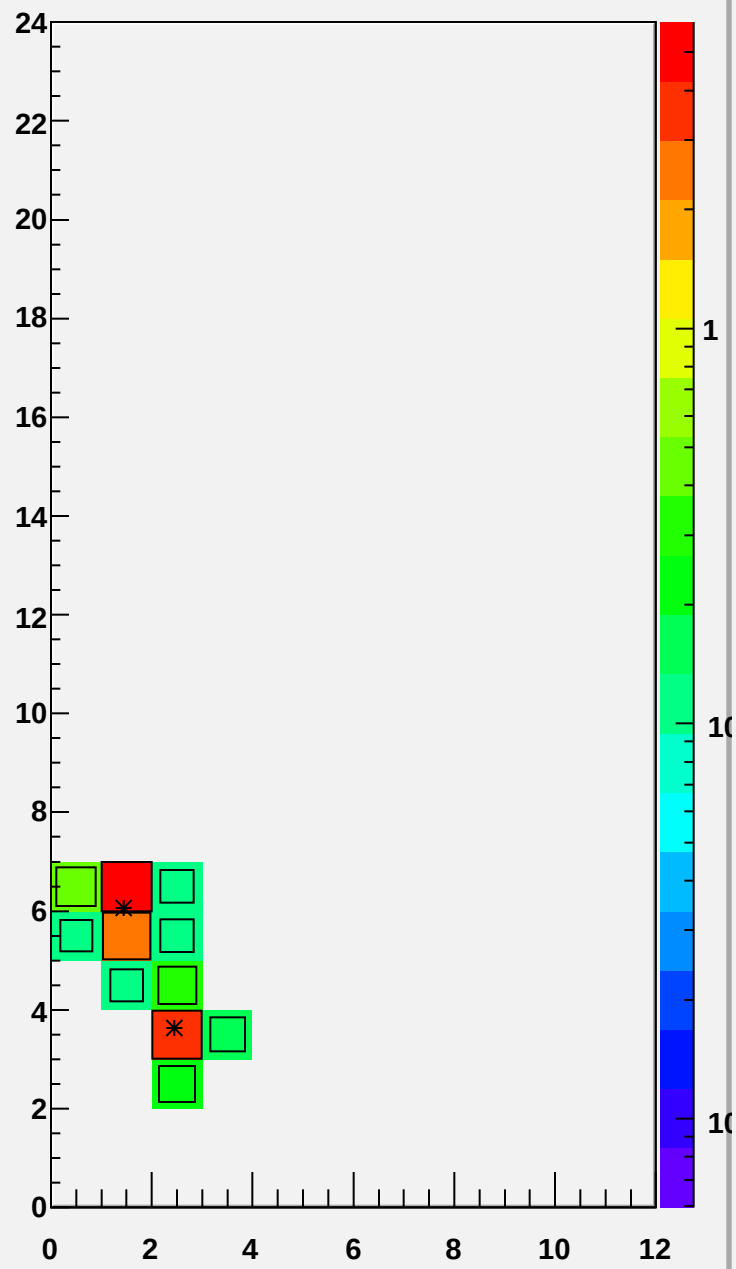
Fitted Energies



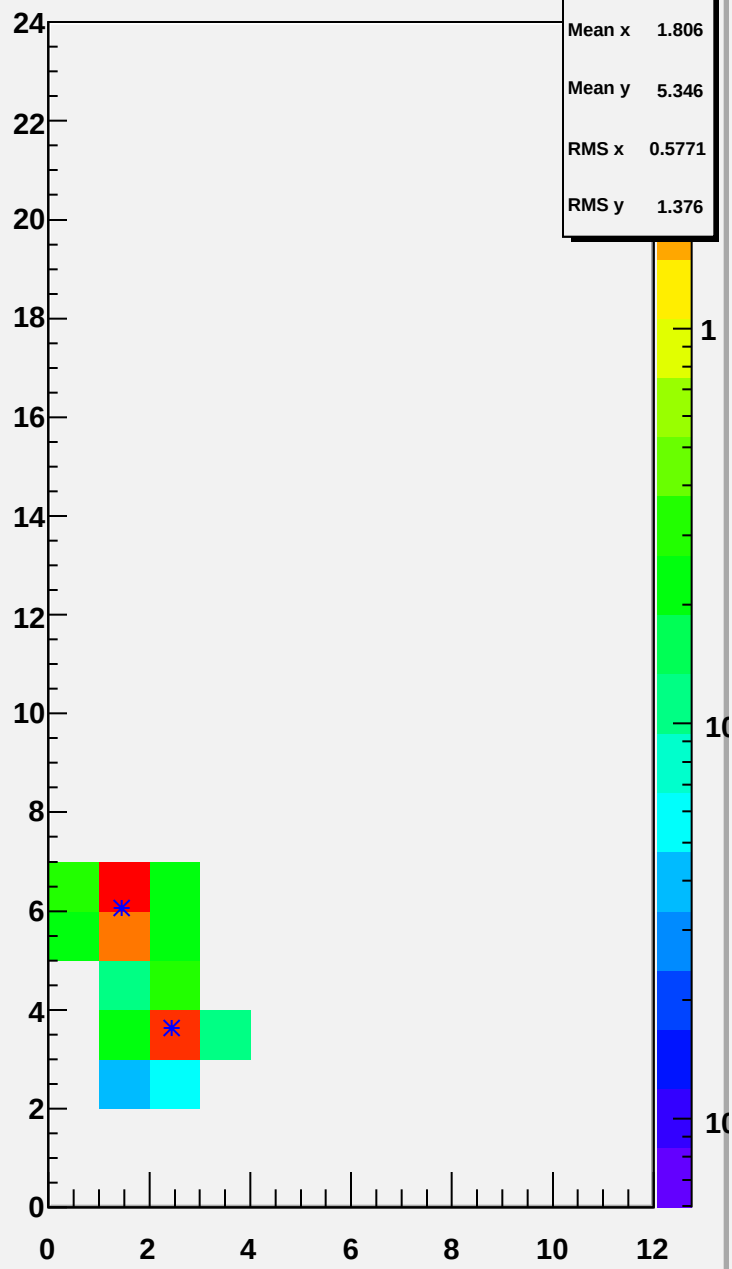
Efit

Entries	288
Mean x	1.555
Mean y	5.193
RMS x	0.4296
RMS y	0.6661

NSTB3_r4_c3_En=14.1_m0=0.101 m1=0.101 index=922



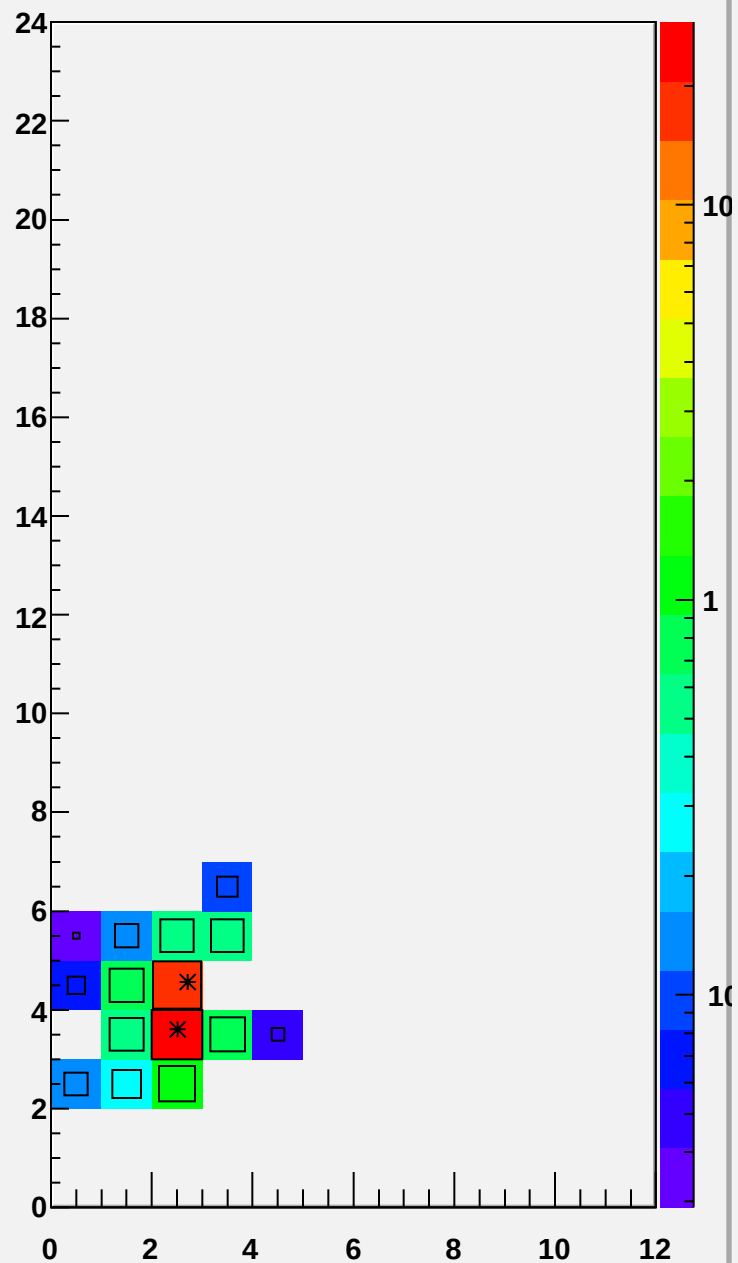
Fitted Energies



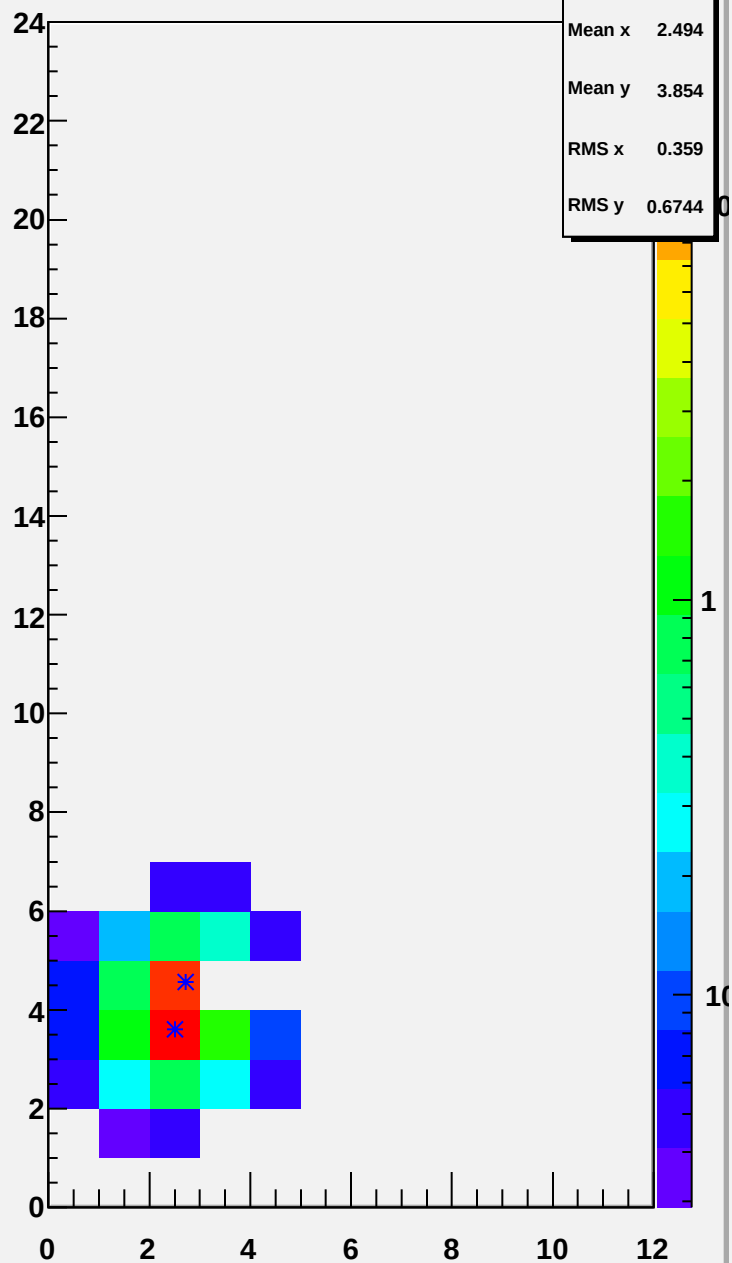
Efit

Entries	288
Mean x	1.806
Mean y	5.346
RMS x	0.5771
RMS y	1.376

NSTB3_r4_c3_En=49.3_m0=0.130_m1=0.131_index=923



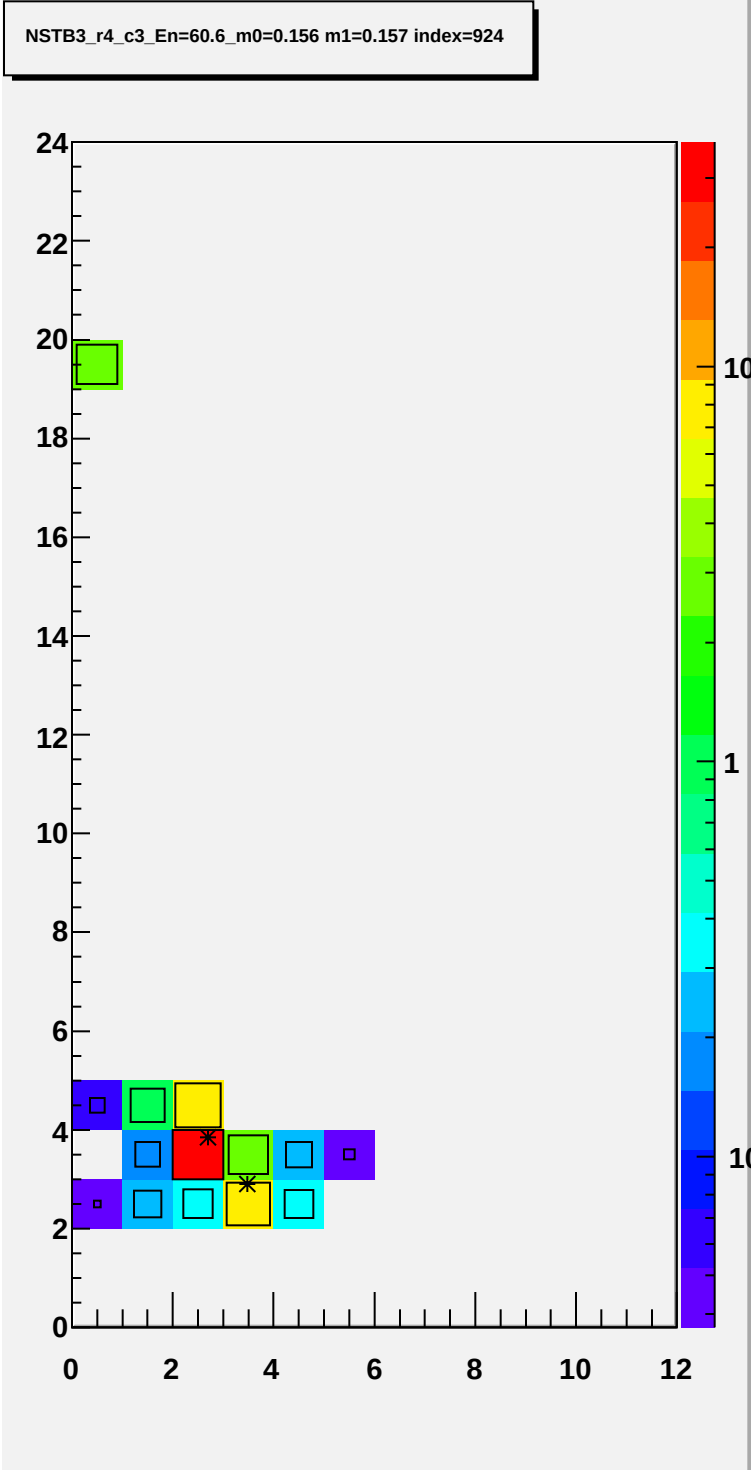
Fitted Energies



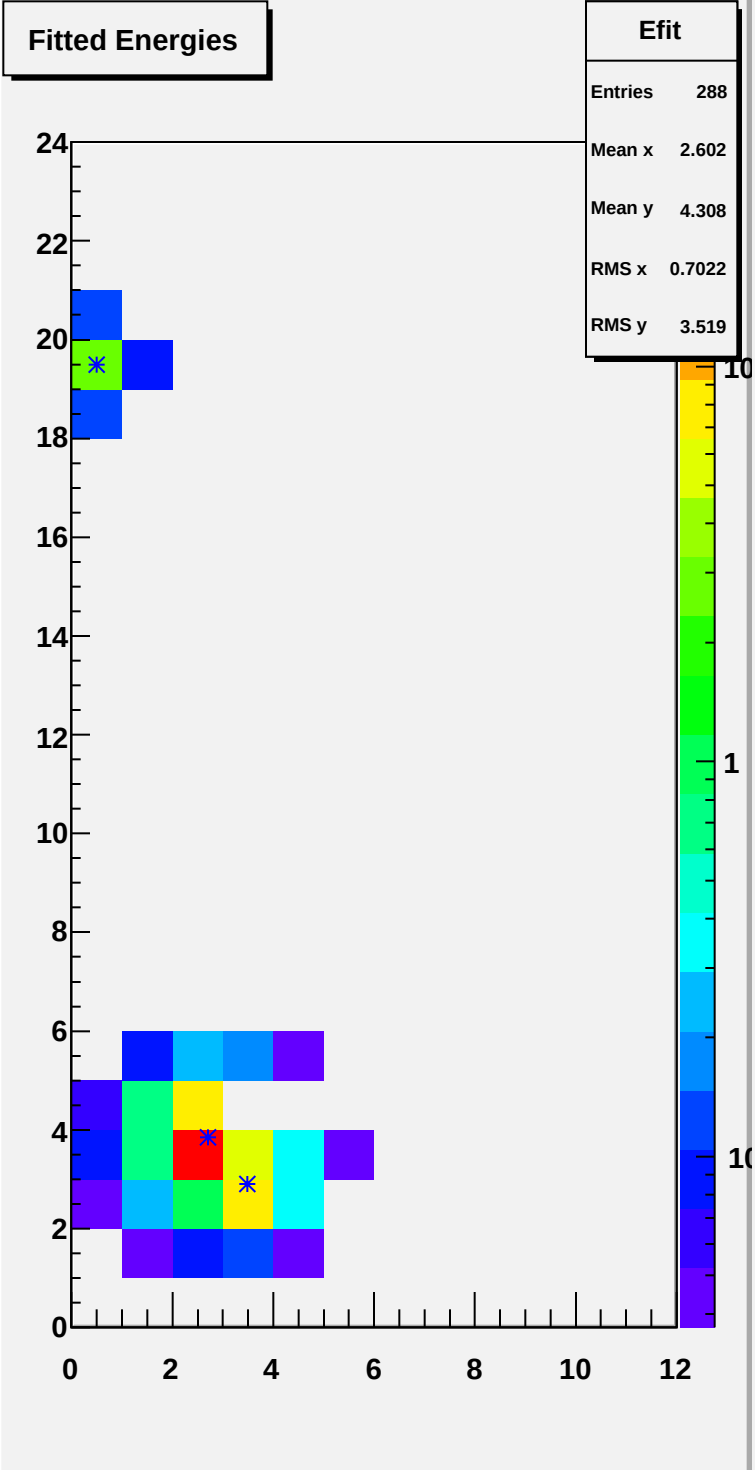
Efit

Entries	288
Mean x	2.494
Mean y	3.854
RMS x	0.359
RMS y	0.6744

NSTB3_r4_c3_En=60.6_m0=0.156 m1=0.157 index=924

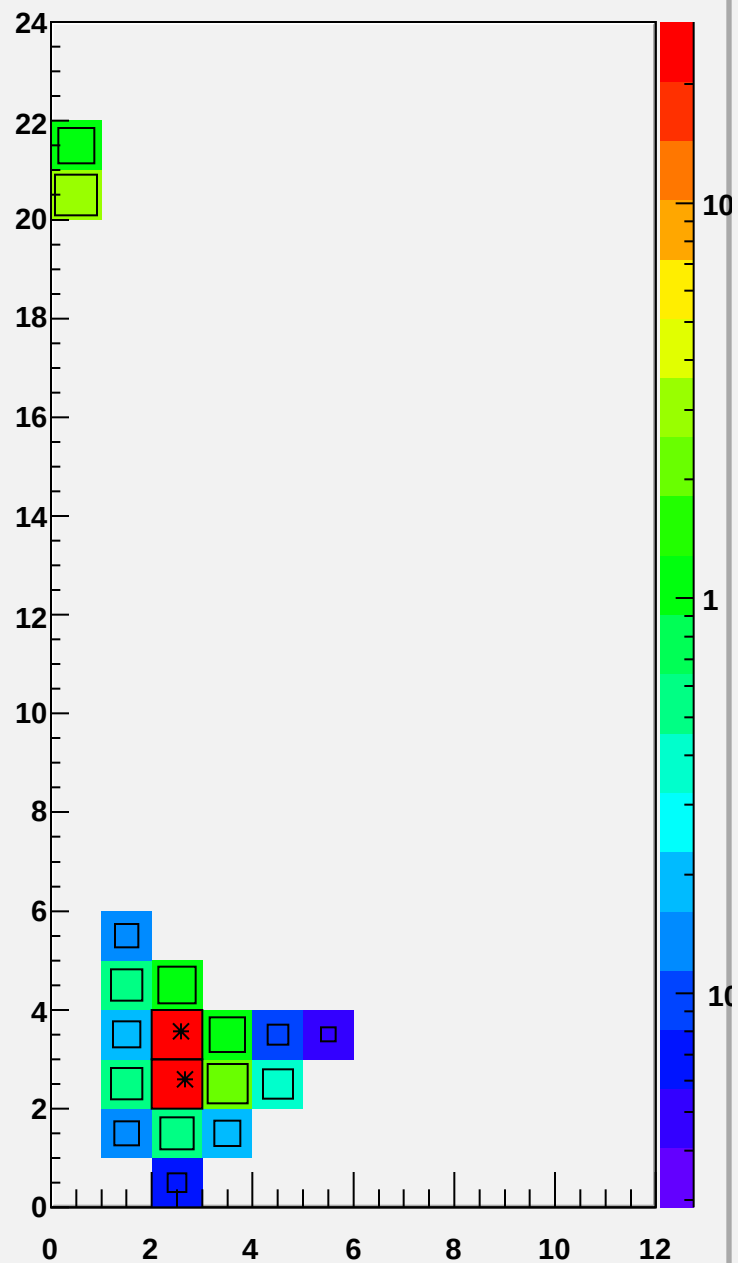


Fitted Energies

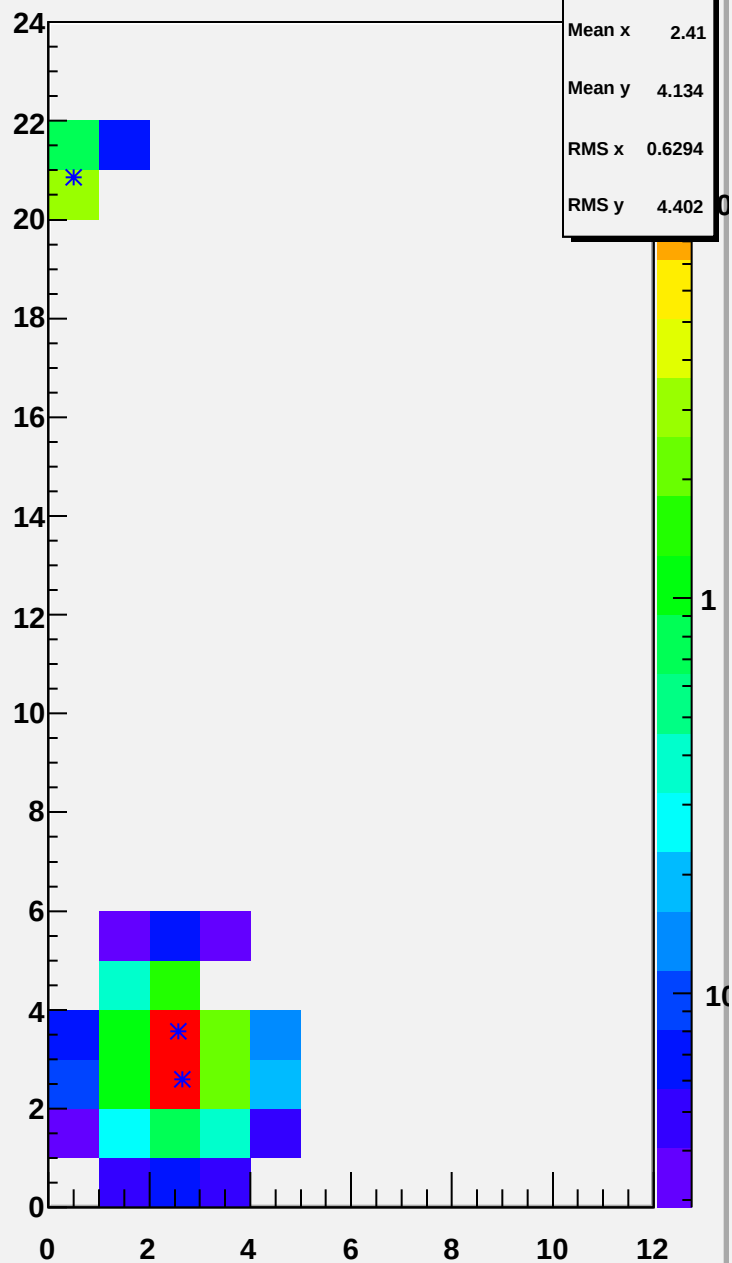


Efit	
Entries	288
Mean x	2.602
Mean y	4.308
RMS x	0.7022
RMS y	3.519

NSTB3_r4_c3_En=68.0_m0=0.168 m1=0.168 index=925



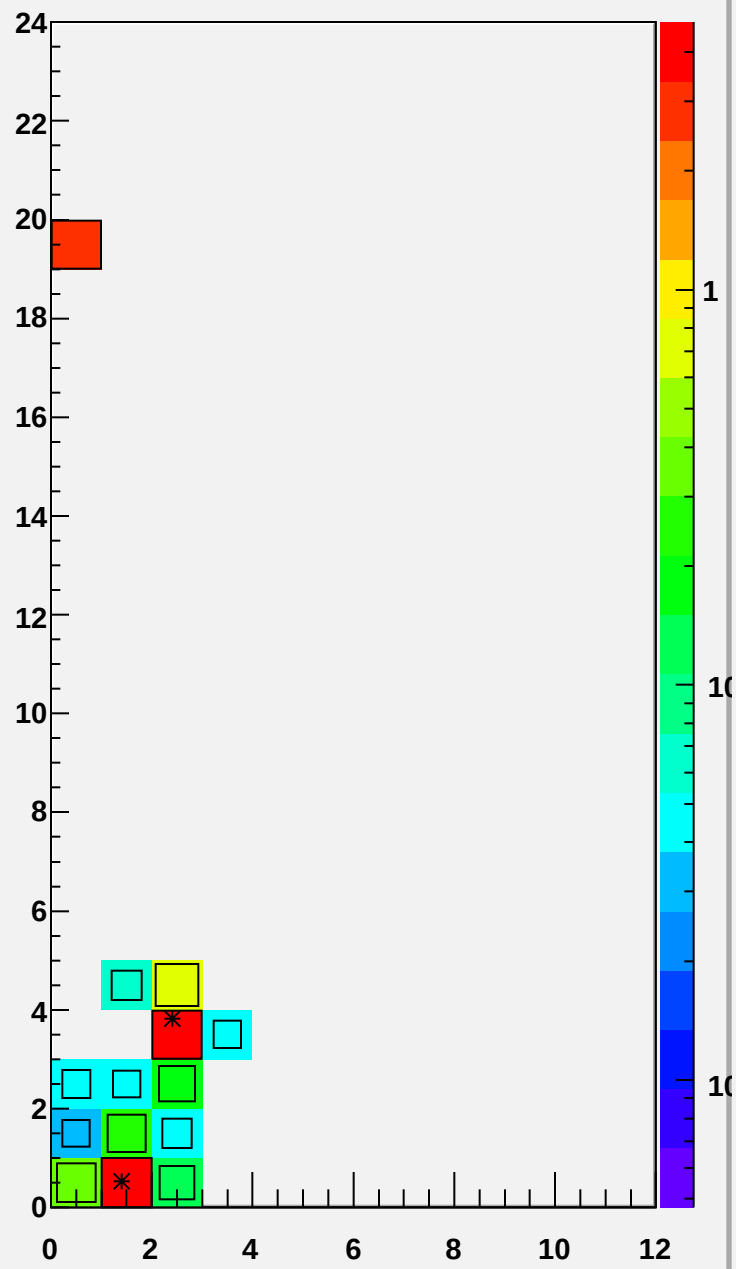
Fitted Energies



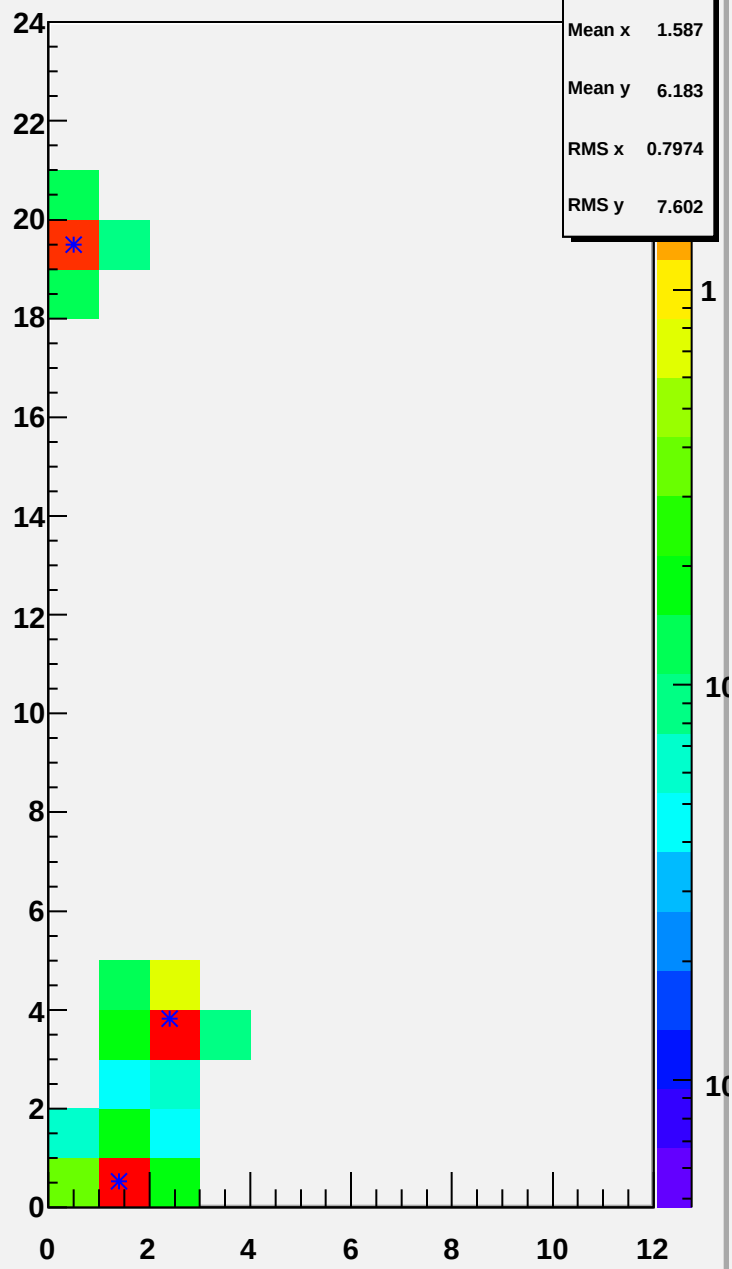
Efit

Entries	288
Mean x	2.41
Mean y	4.134
RMS x	0.6294
RMS y	4.402

NSTB3_r4_c3_En=13.3_m0=0.101 m1=0.101 index=927



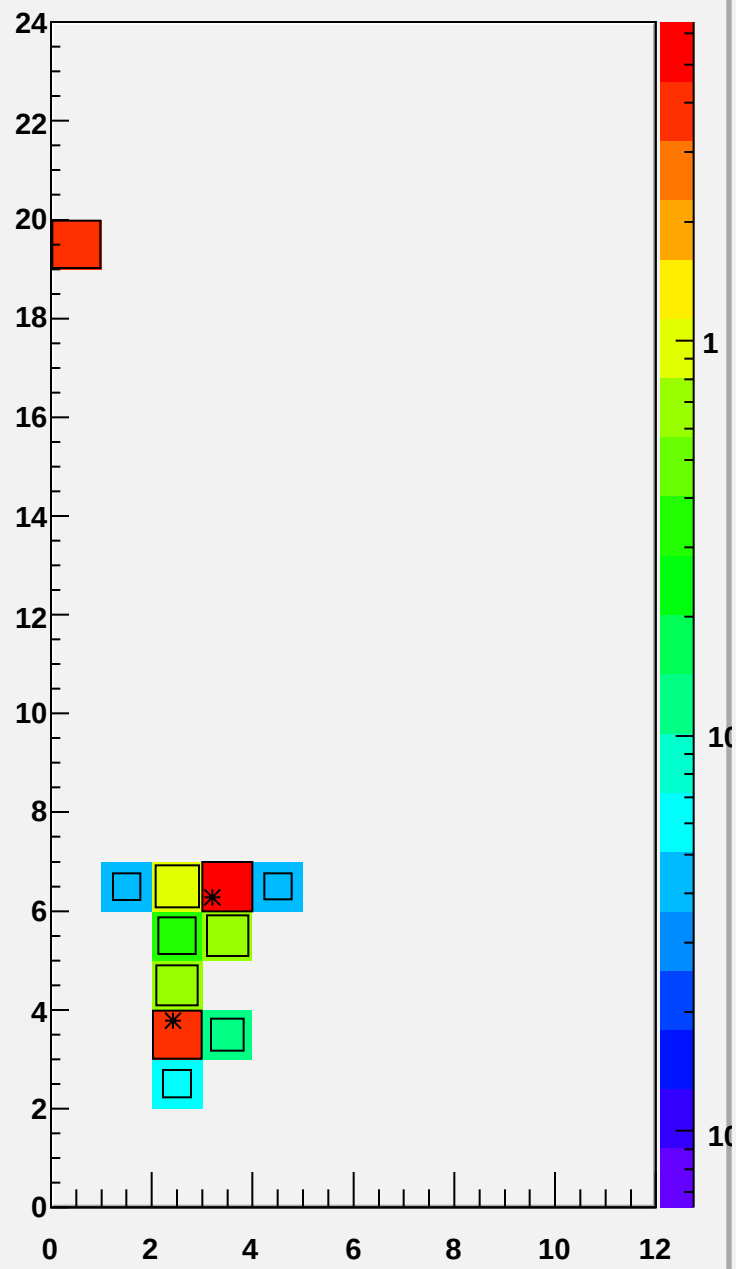
Fitted Energies



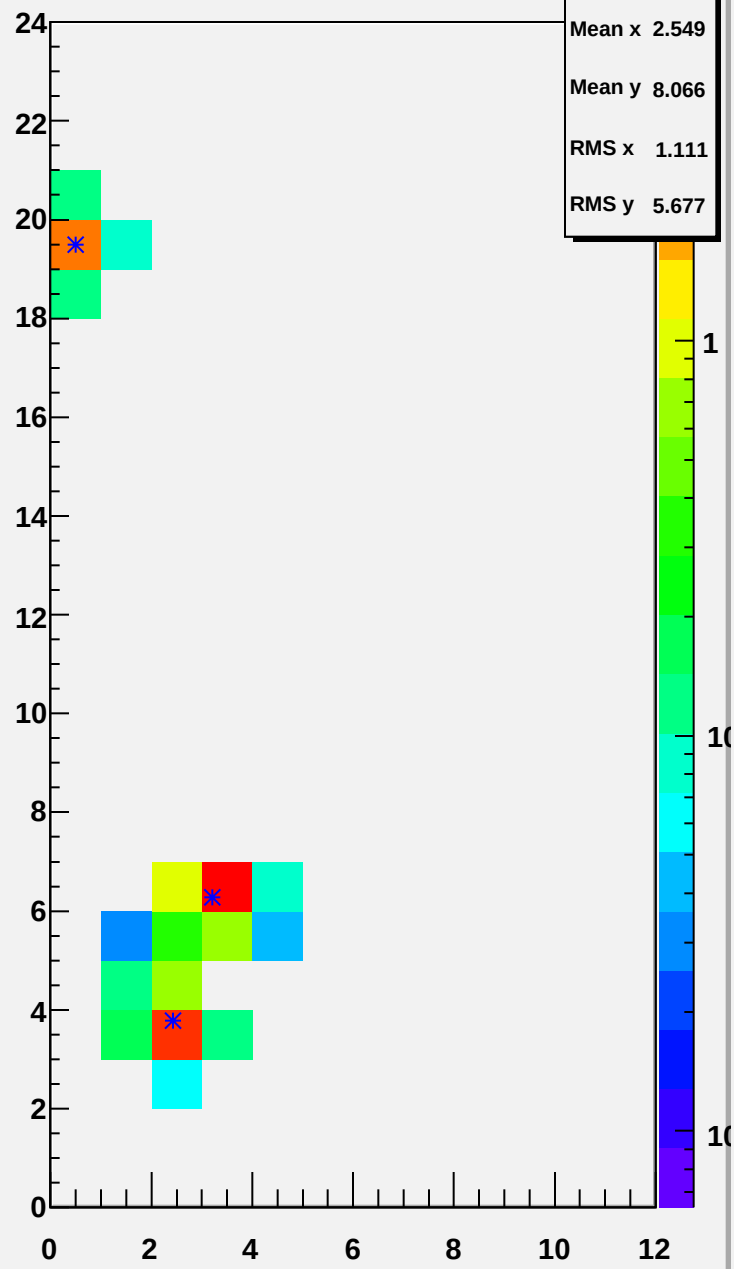
Efit

Entries	288
Mean x	1.587
Mean y	6.183
RMS x	0.7974
RMS y	7.602

NSTB3_r4_c3_En=16.5_m0=0.098 m1=0.099 index=928



Fitted Energies



Efit

Entries 288

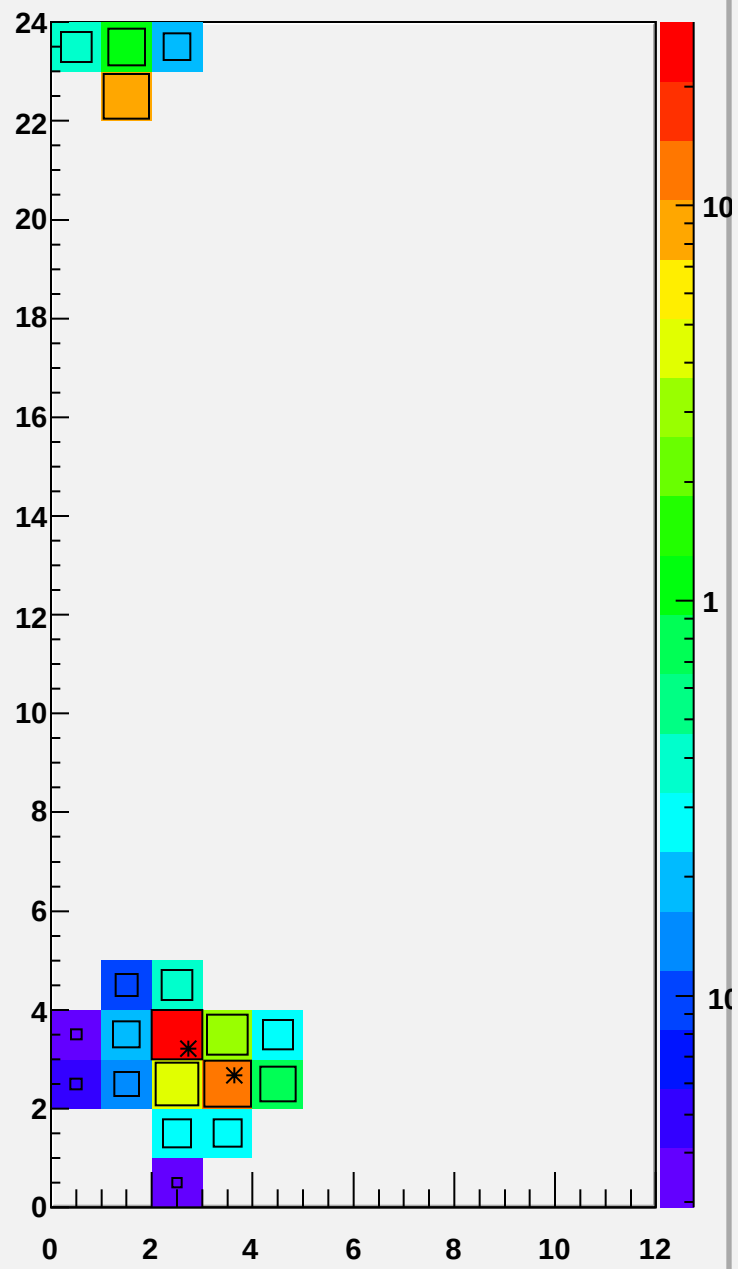
Mean x 2.549

Mean y 8.066

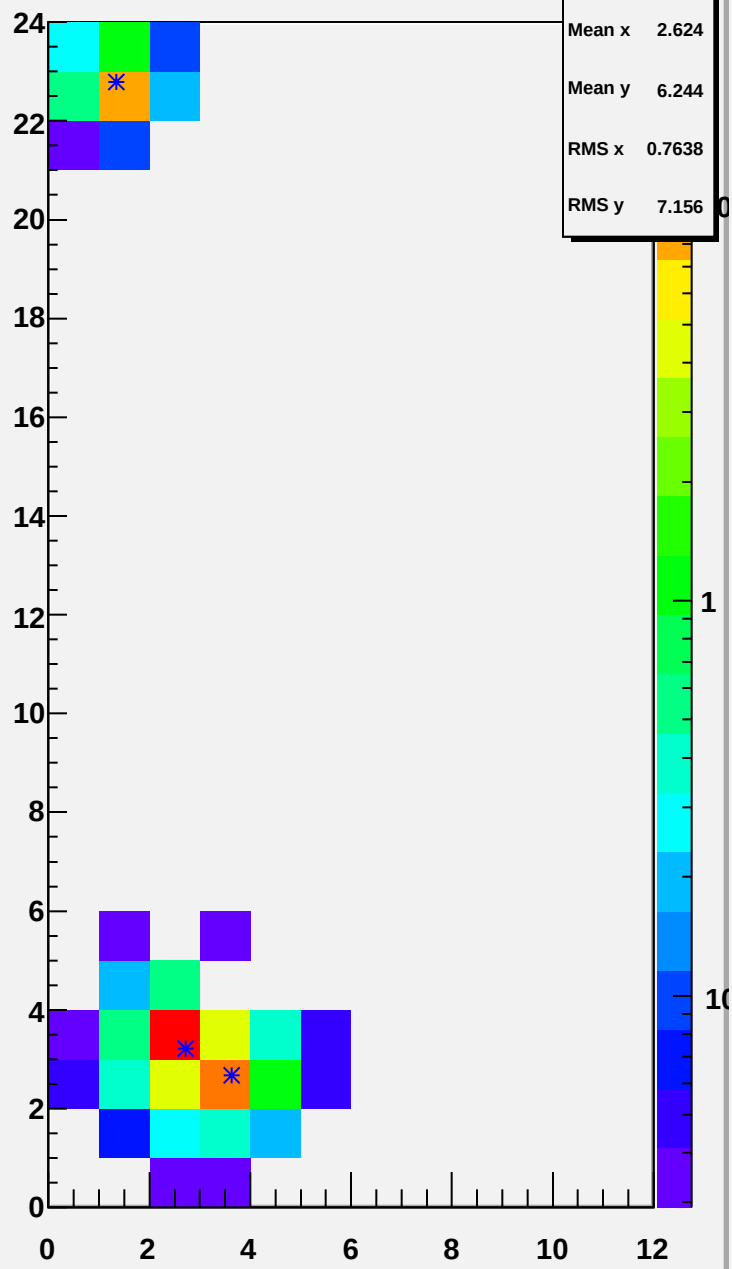
RMS x 1.111

RMS y 5.677

NSTB3_r4_c3_En=60.1_m0=0.140_m1=0.139_index=930



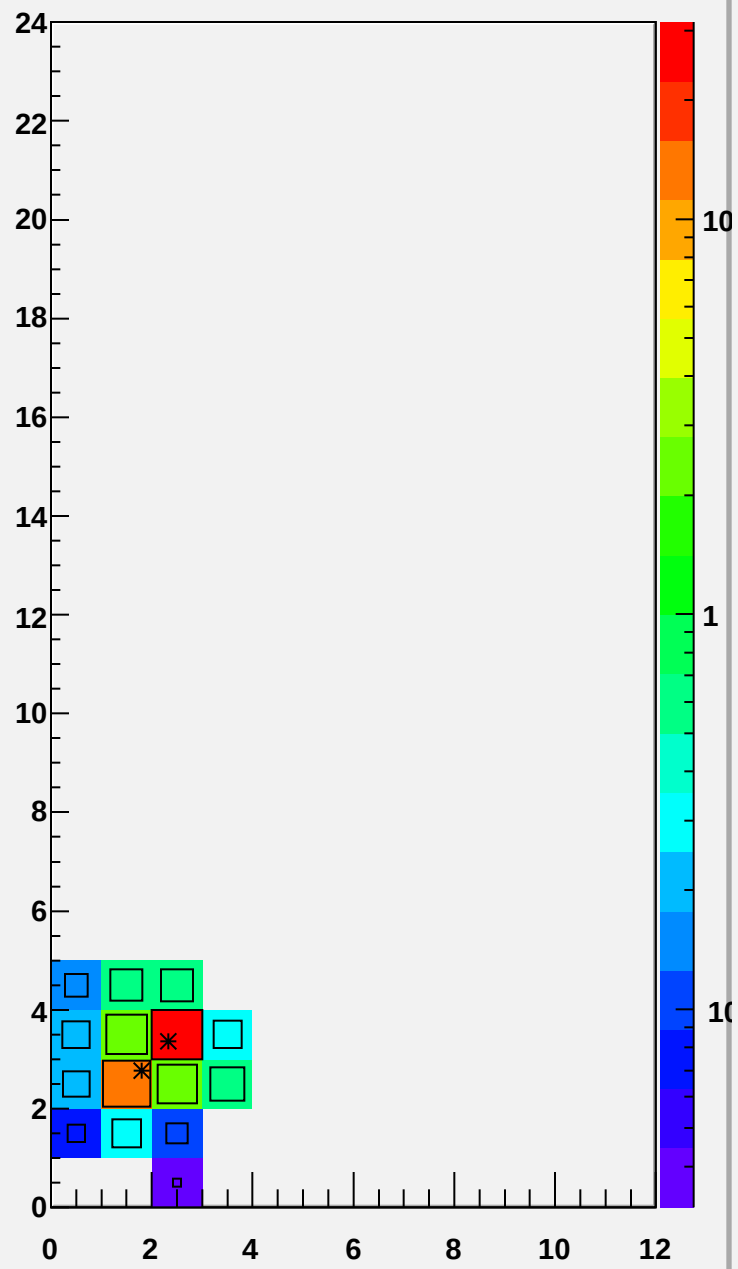
Fitted Energies



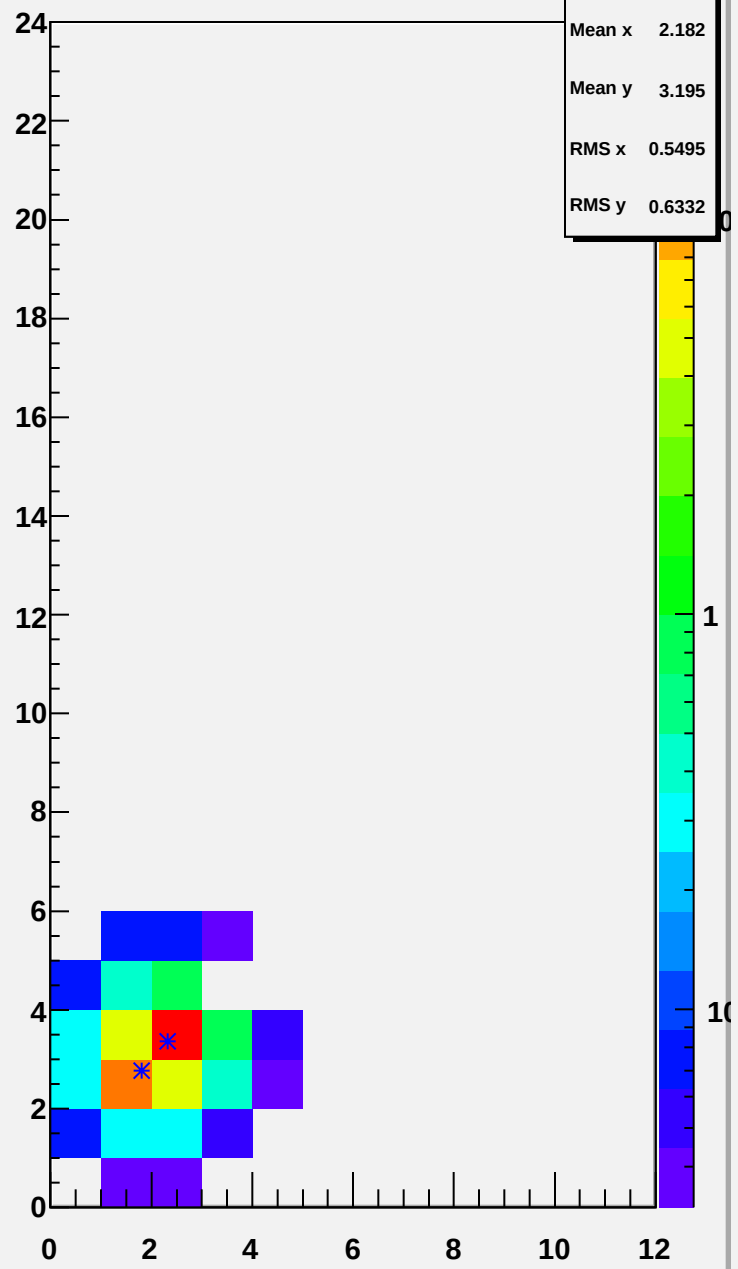
Efit

Entries	288
Mean x	2.624
Mean y	6.244
RMS x	0.7638
RMS y	7.156

NSTB3_r4_c3_En=51.8_m0=0.117_m1=0.116_index=931



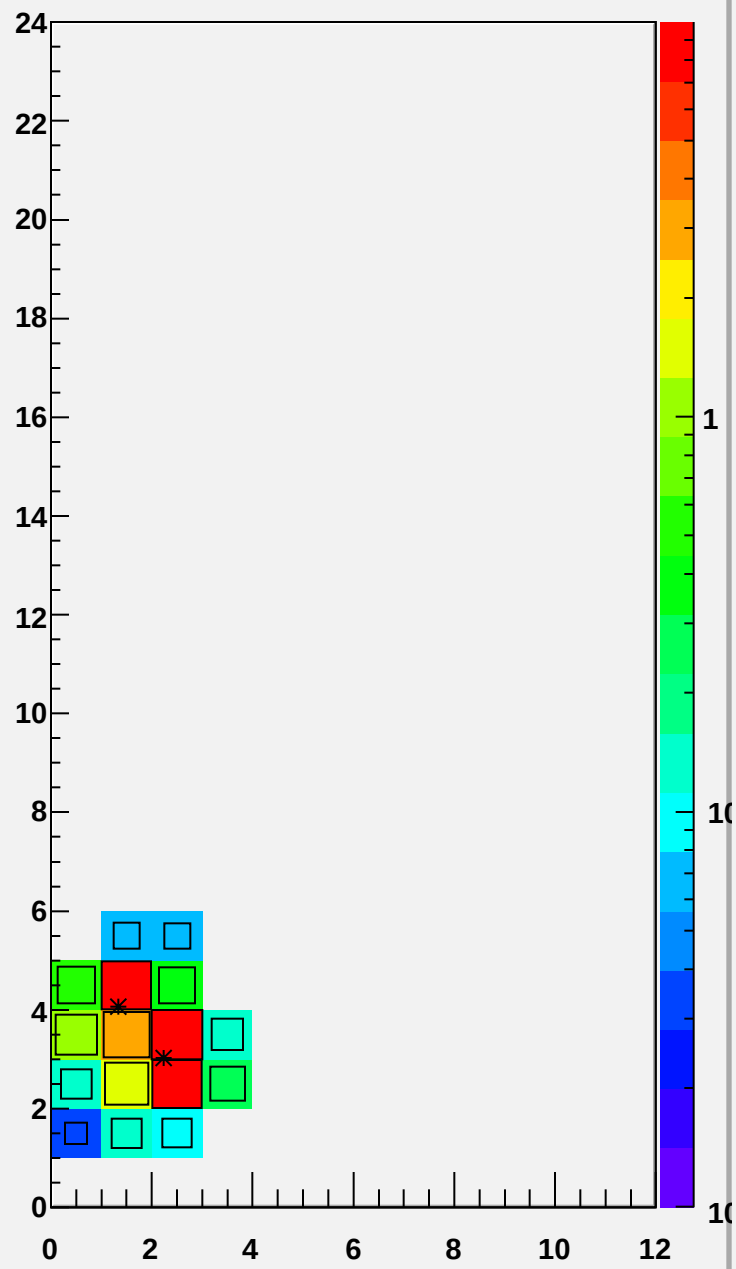
Fitted Energies



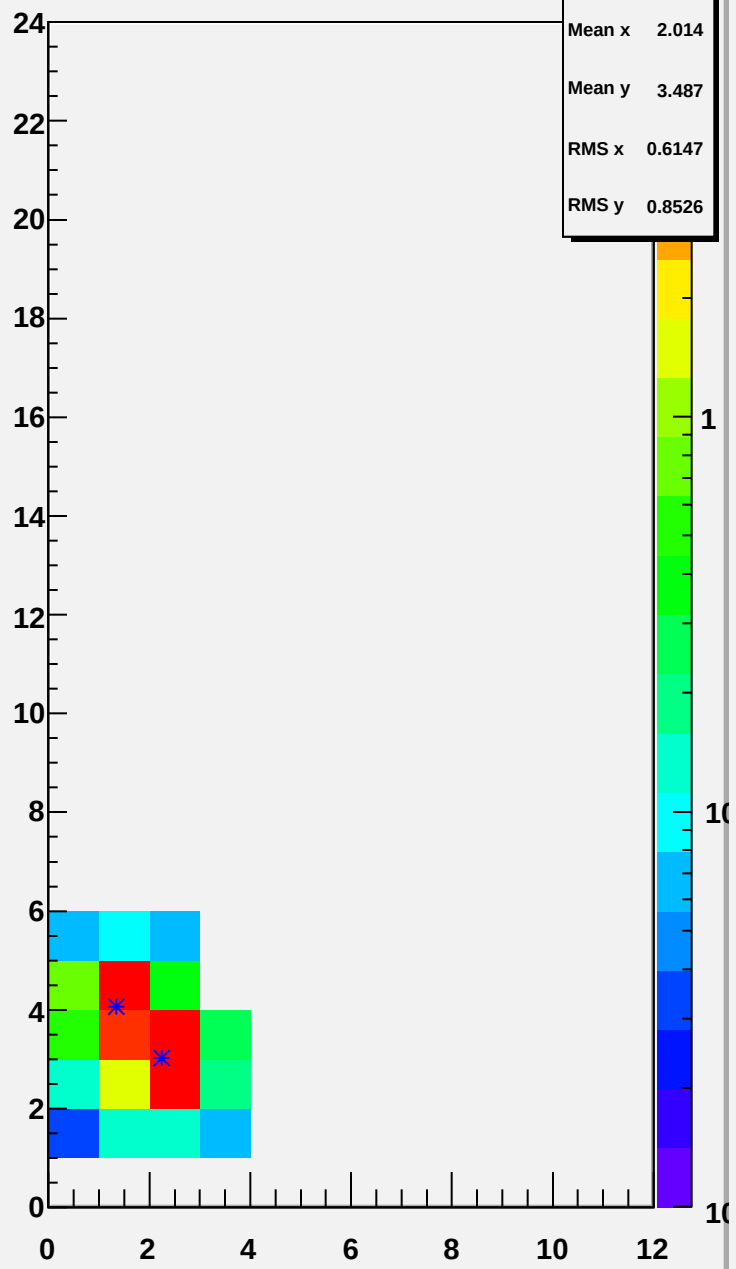
Efit

Entries	288
Mean x	2.182
Mean y	3.195
RMS x	0.5495
RMS y	0.6332

NSTB3_r4_c3_En=32.6_m0=0.127 m1=0.127 index=932



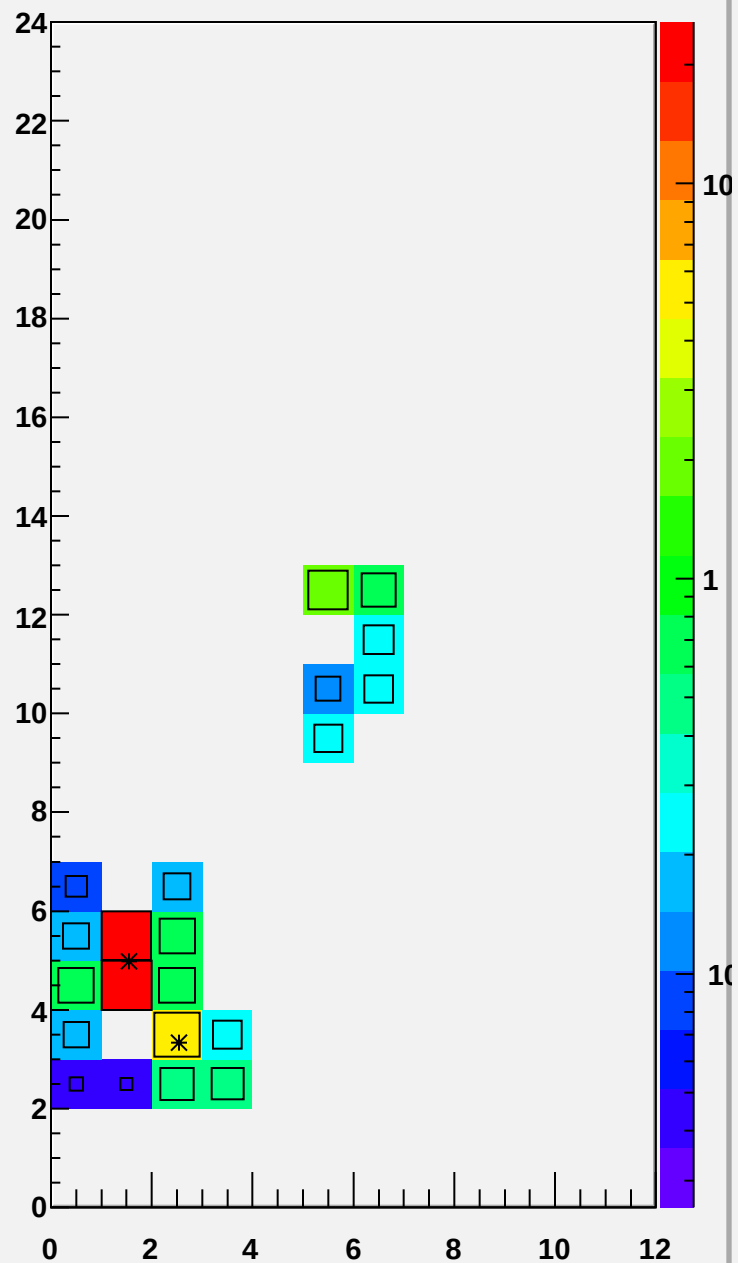
Fitted Energies



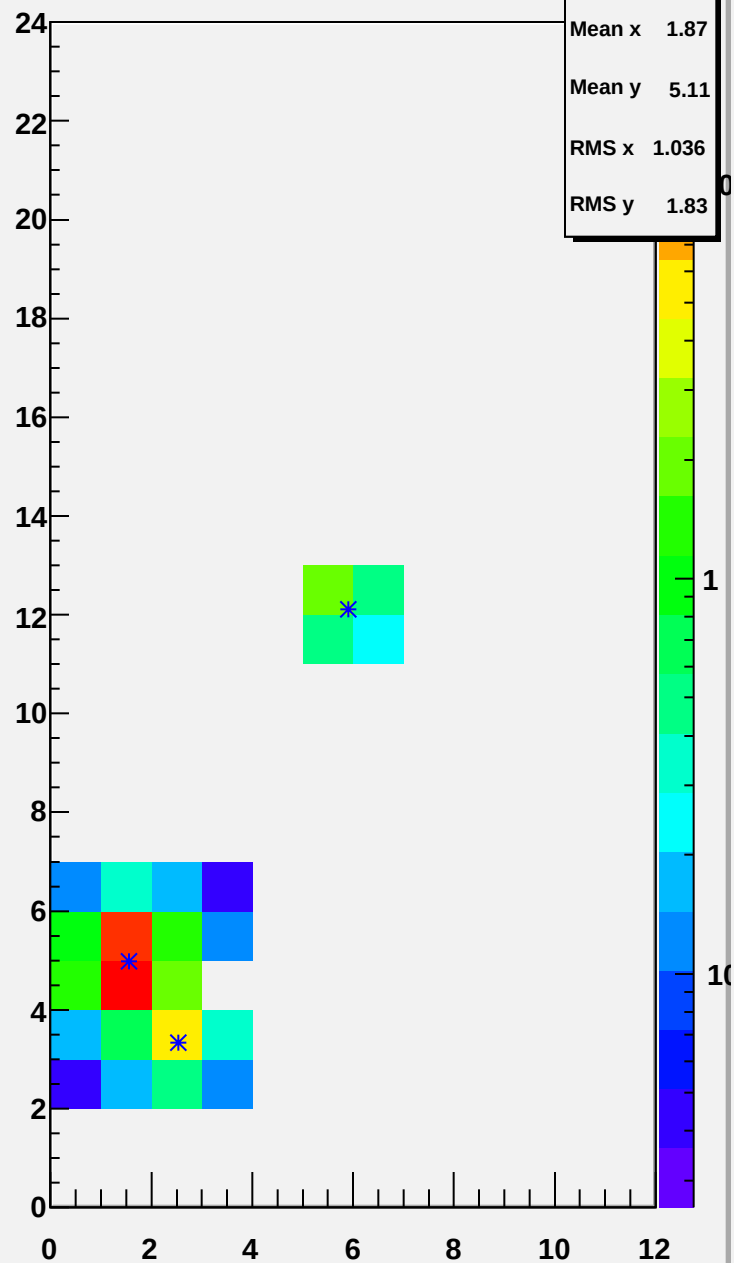
Efit

Entries	288
Mean x	2.014
Mean y	3.487
RMS x	0.6147
RMS y	0.8526

NSTB3_r4_c3_En=58.0_m0=0.206 m1=0.206 index=934



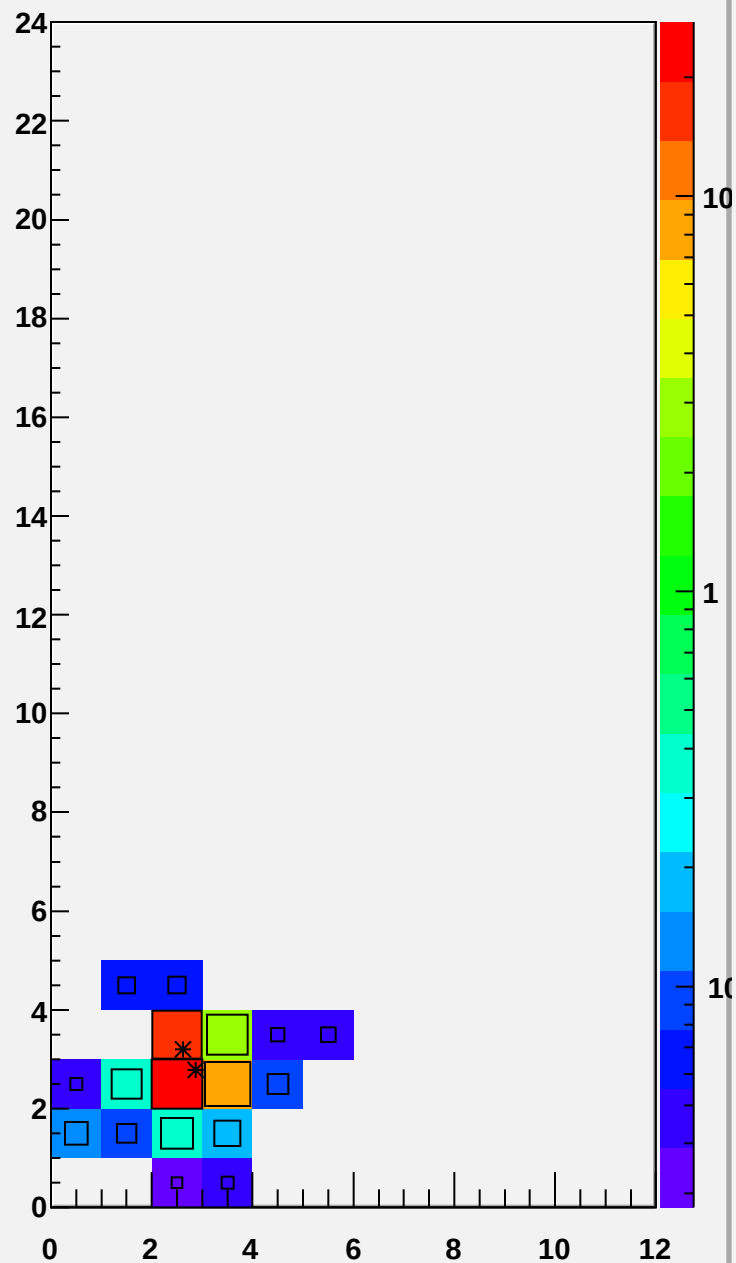
Fitted Energies



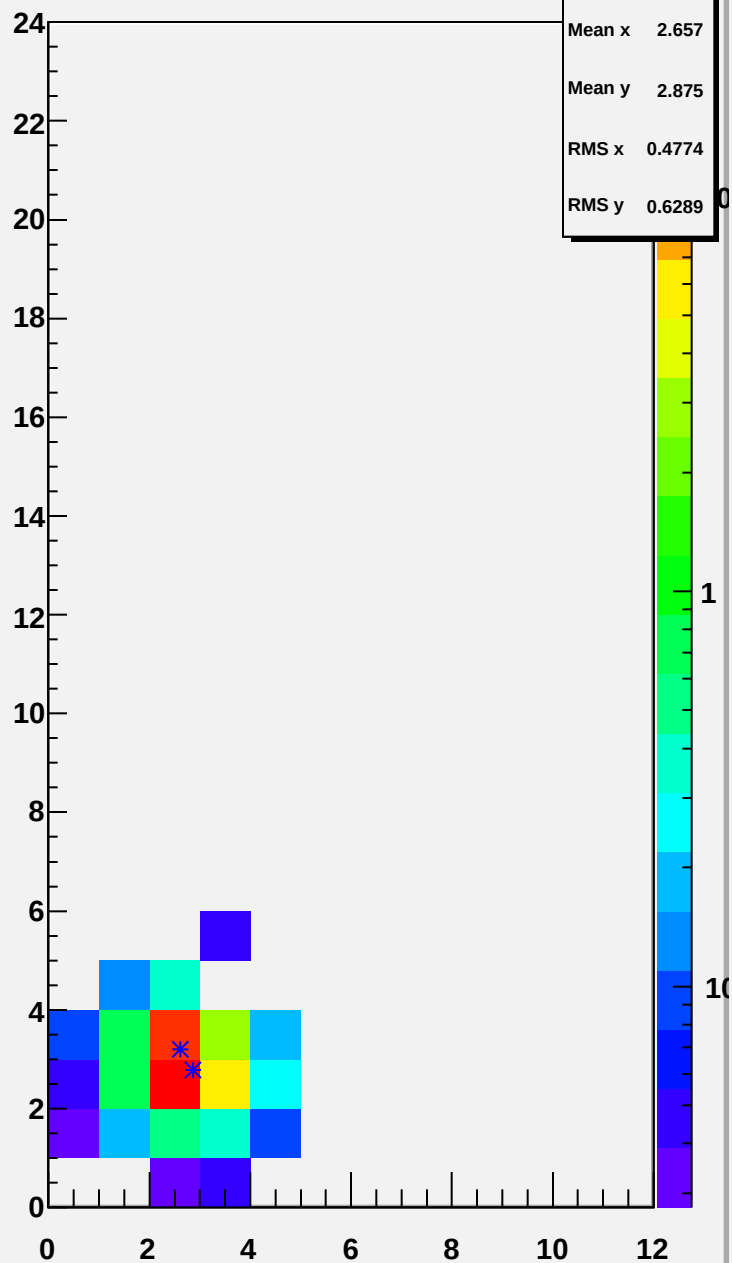
Efit

Entries	288
Mean x	1.87
Mean y	5.11
RMS x	1.036
RMS y	1.83

NSTB3_r4_c3_En=57.3_m0=0.074 m1=0.075 index=936



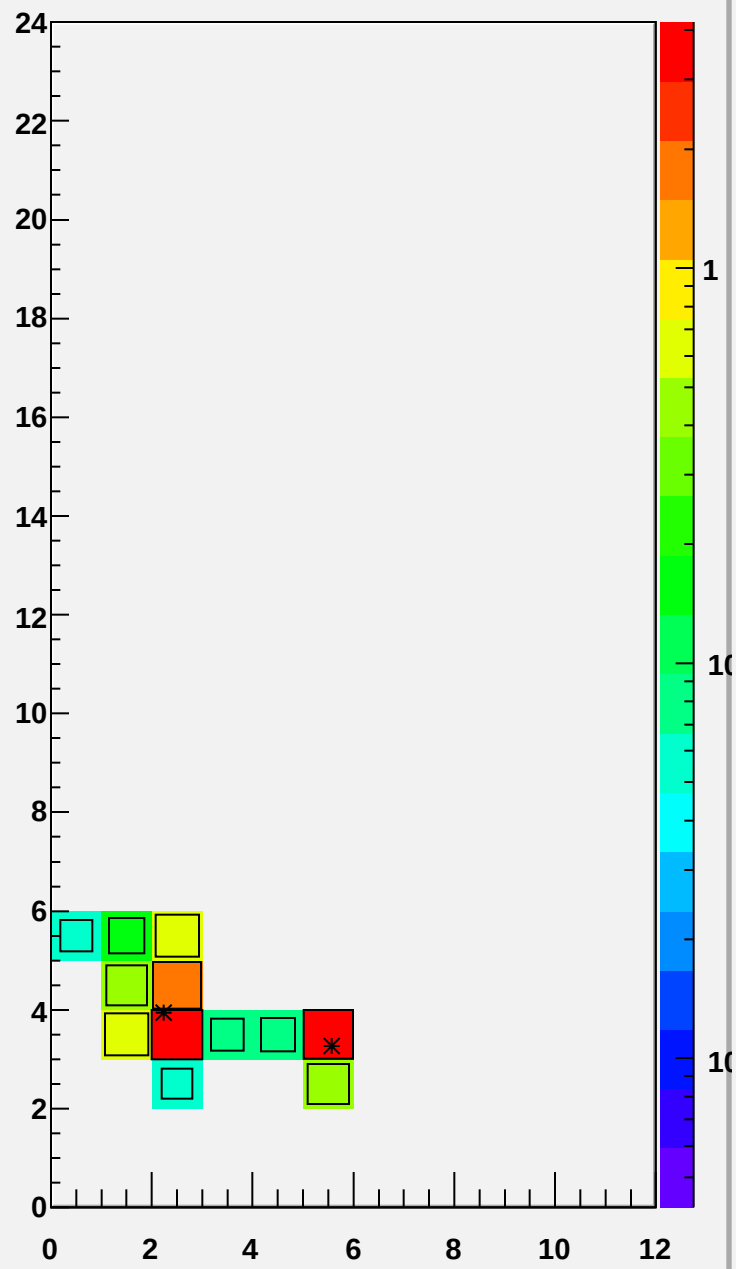
Fitted Energies



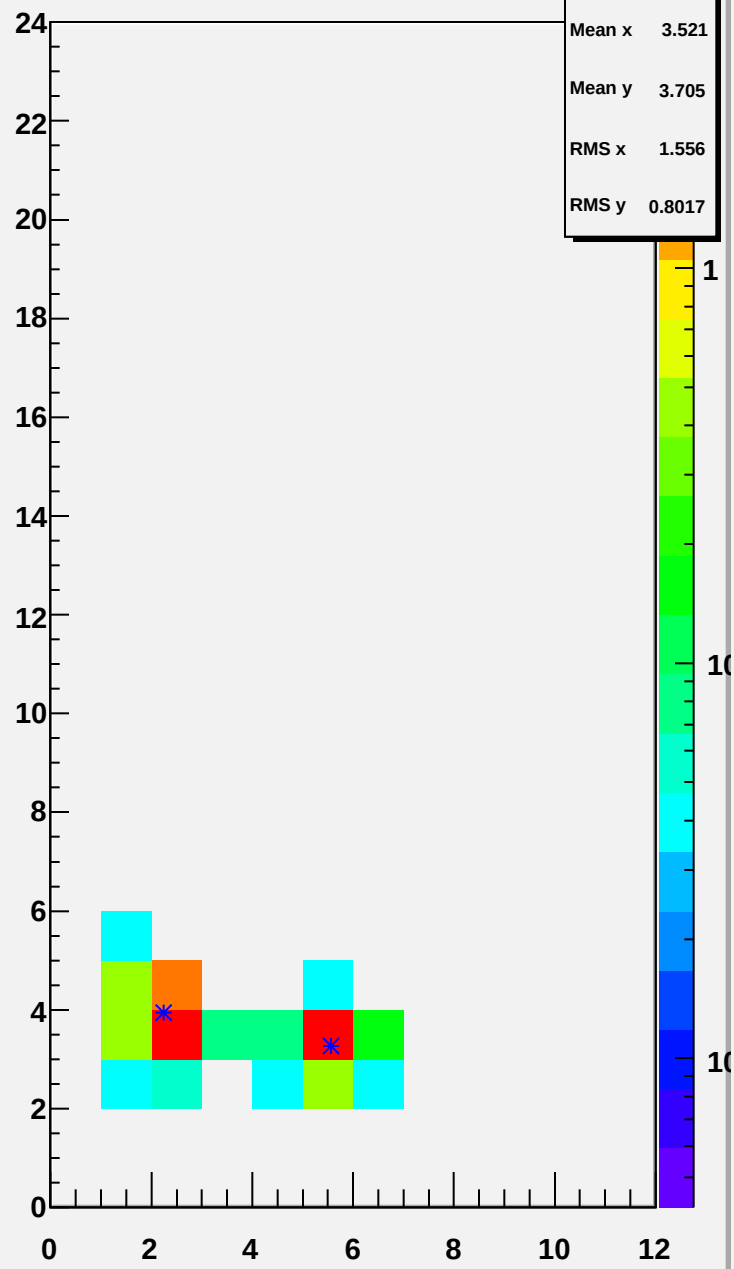
Efit

Entries	288
Mean x	2.657
Mean y	2.875
RMS x	0.4774
RMS y	0.6289

NSTB3_r4_c3_En=12.1_m0=0.107 m1=0.107 index=937



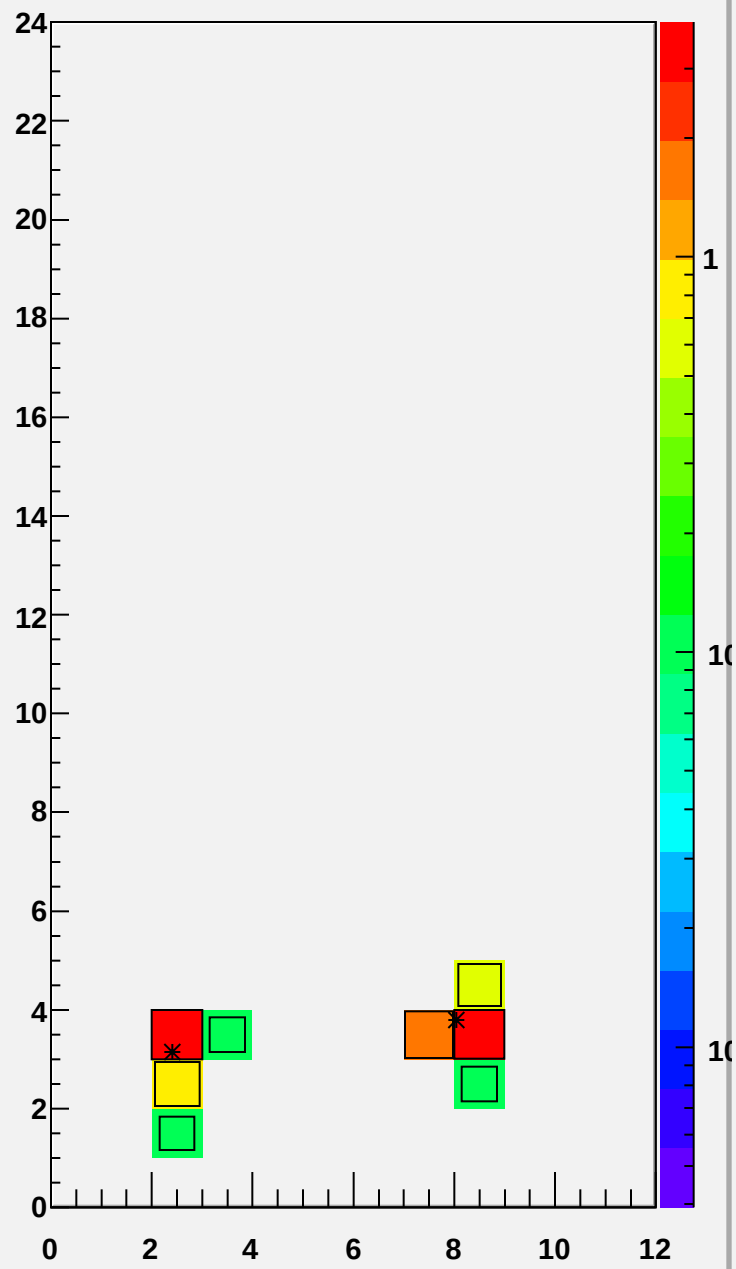
Fitted Energies



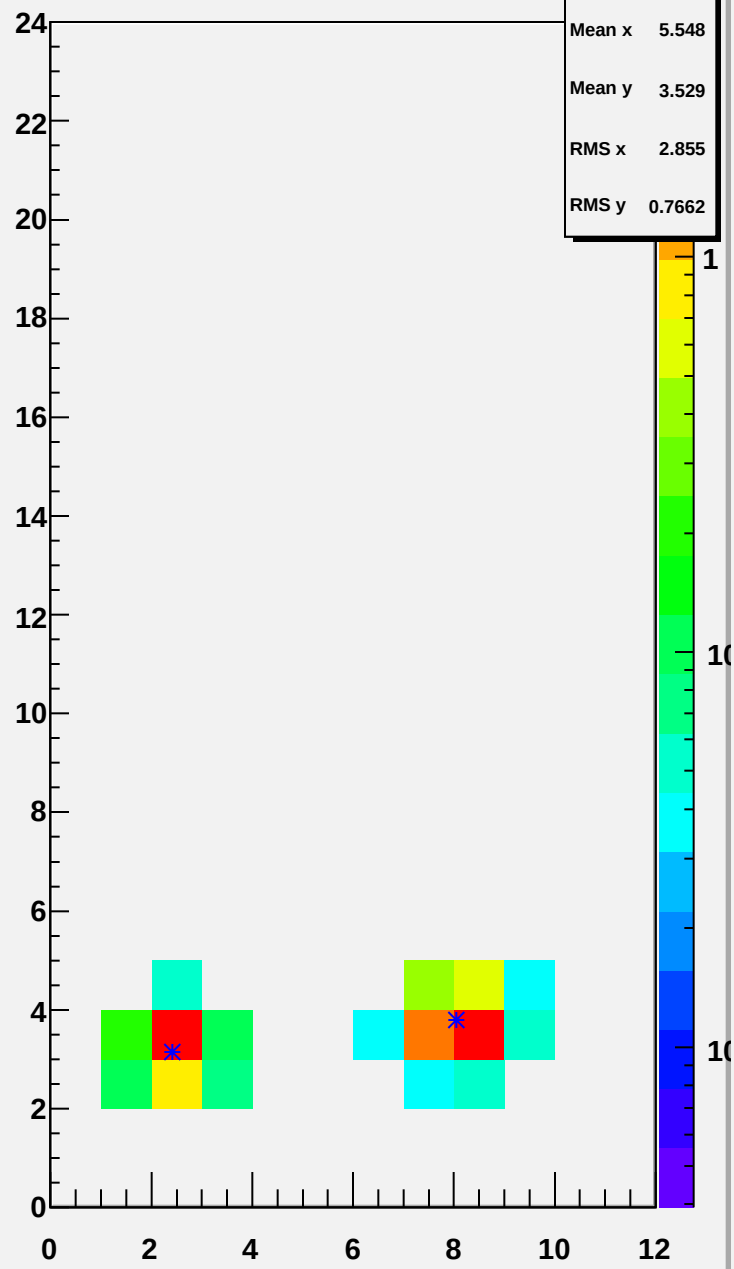
Efit

Entries	288
Mean x	3.521
Mean y	3.705
RMS x	1.556
RMS y	0.8017

NSTB3_r4_c3_En=11.0_m0=0.187 m1=0.187 index=938



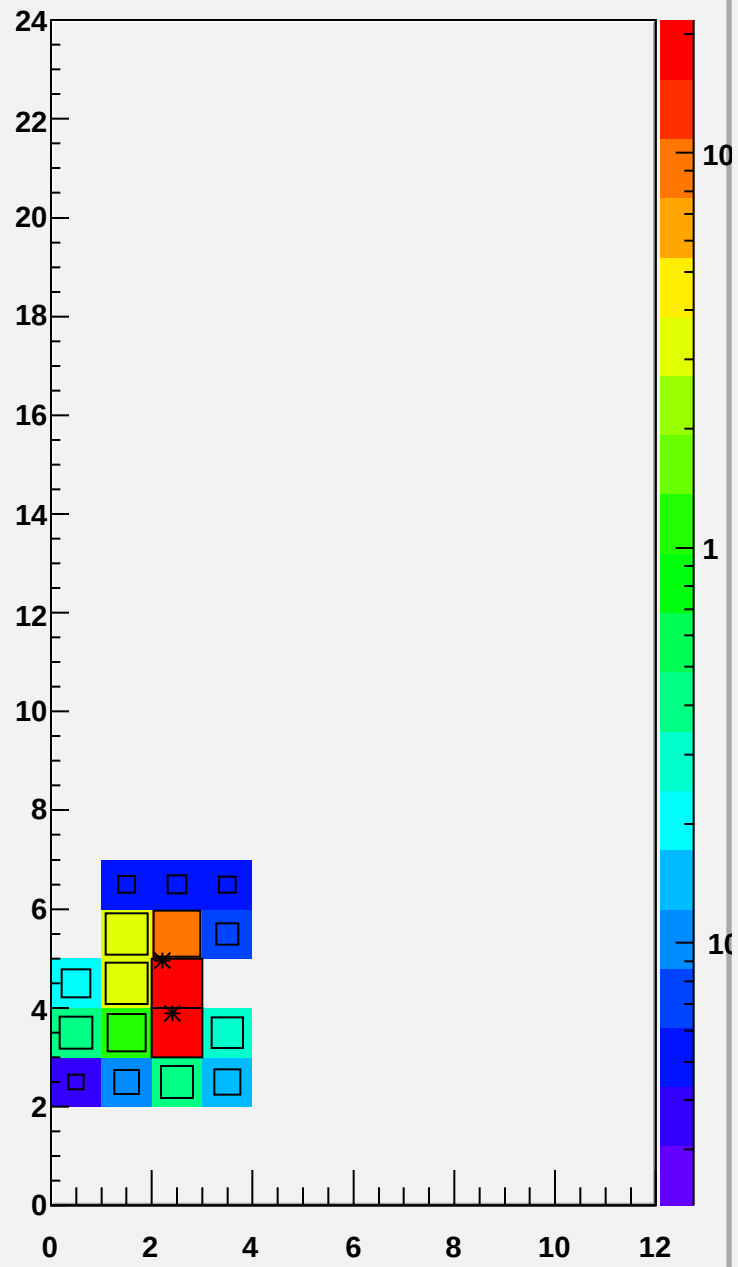
Fitted Energies



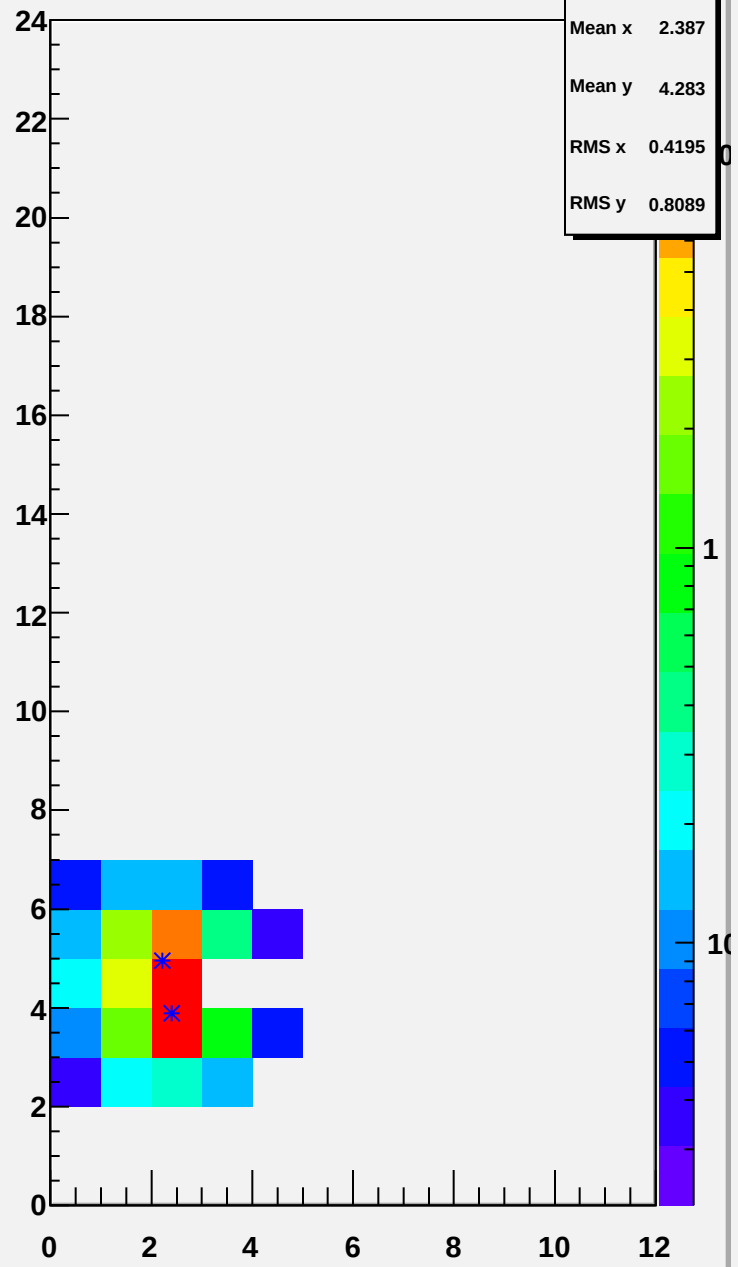
Efit

Entries	288
Mean x	5.548
Mean y	3.529
RMS x	2.855
RMS y	0.7662

NSTB3_r4_c3_En=59.3_m0=0.180 m1=0.180 index=939



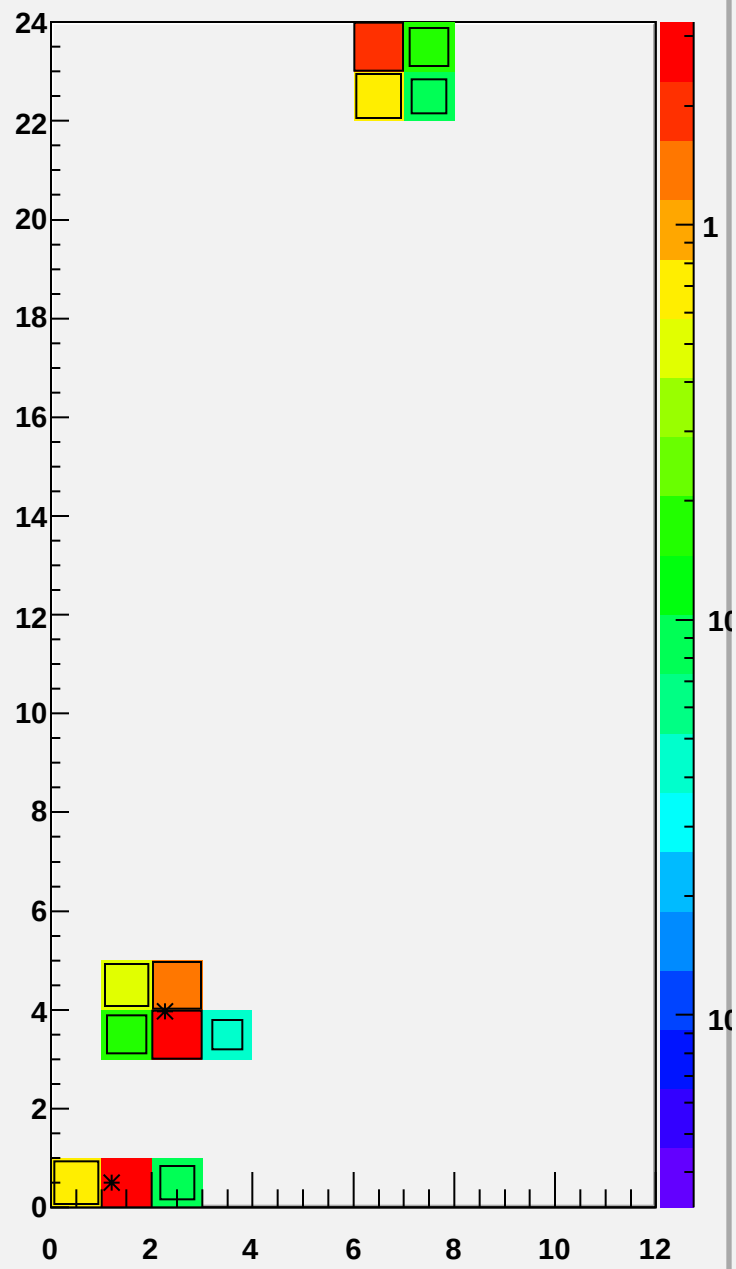
Fitted Energies



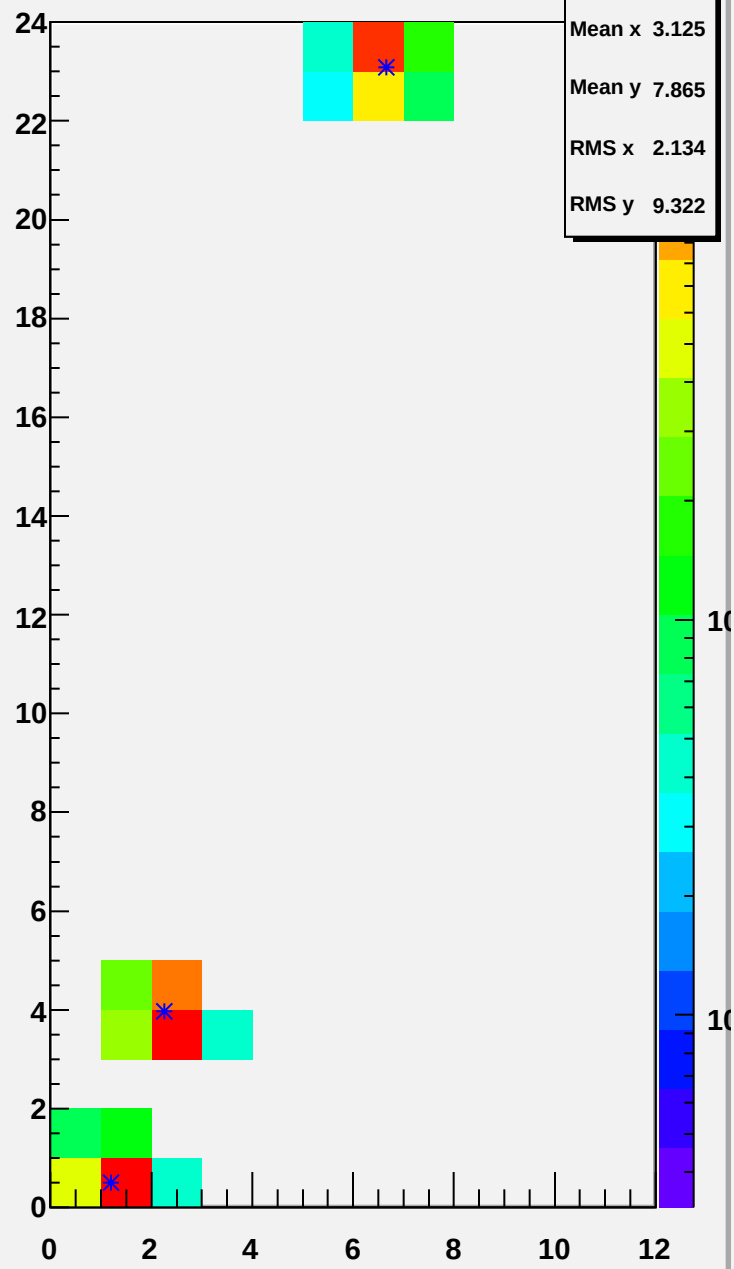
Efit

Entries	288
Mean x	2.387
Mean y	4.283
RMS x	0.4195
RMS y	0.8089

NSTB3_r4_c3_En=11.7_m0=0.093 m1=0.093 index=940



Fitted Energies



Efit

Entries 288

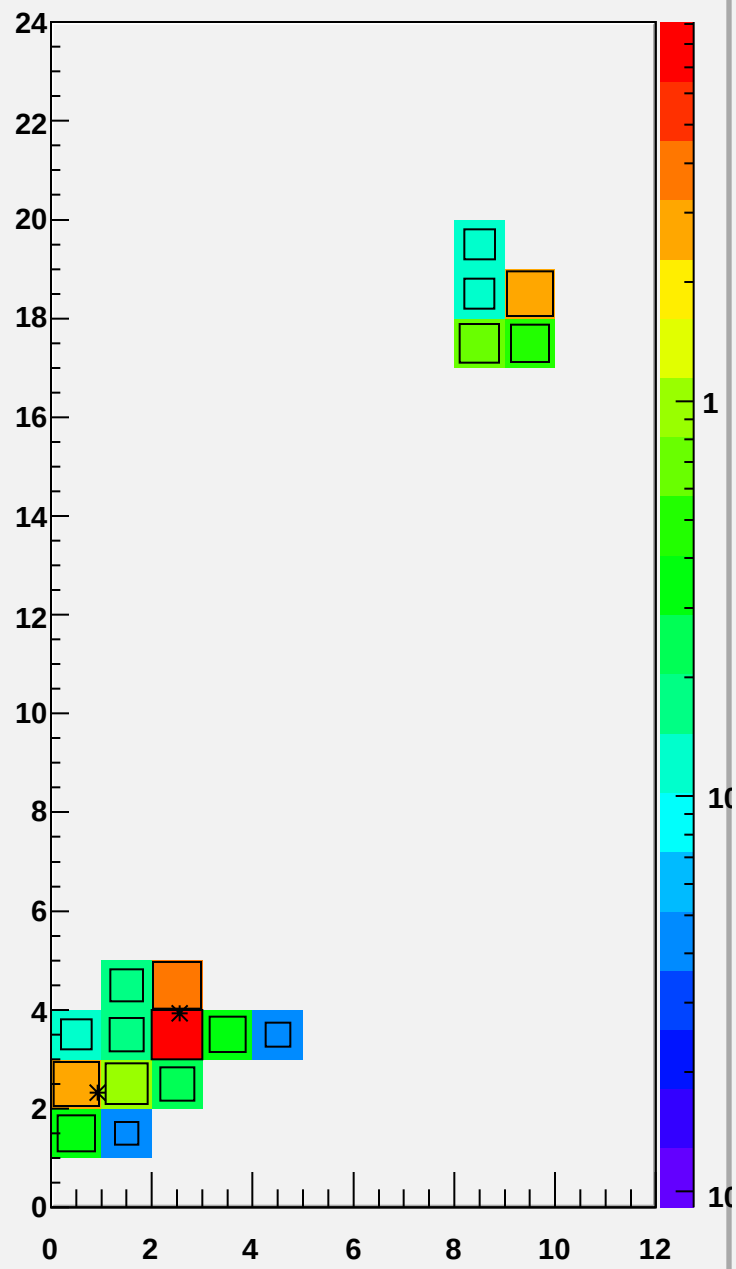
Mean x 3.125

Mean y 7.865

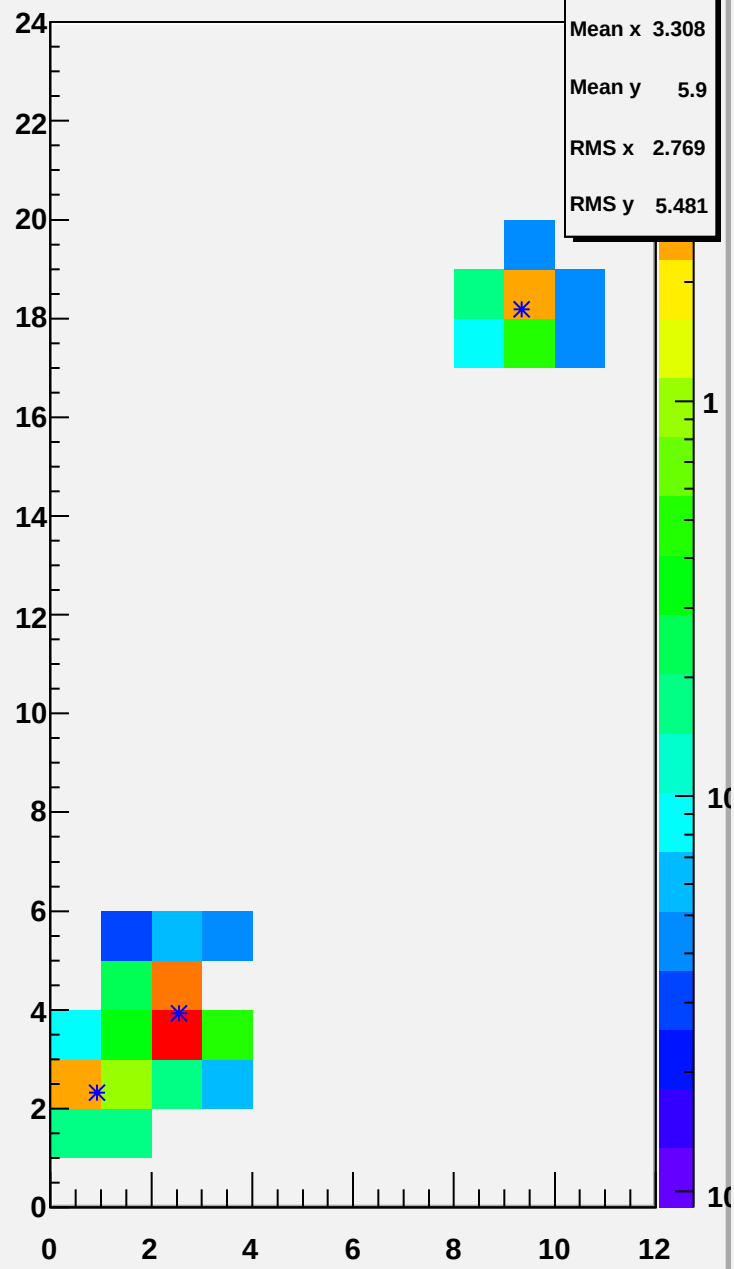
RMS x 2.134

RMS y 9.322

NSTB3_r4_c3_En=22.1_m0=0.098_m1=0.098_index=941



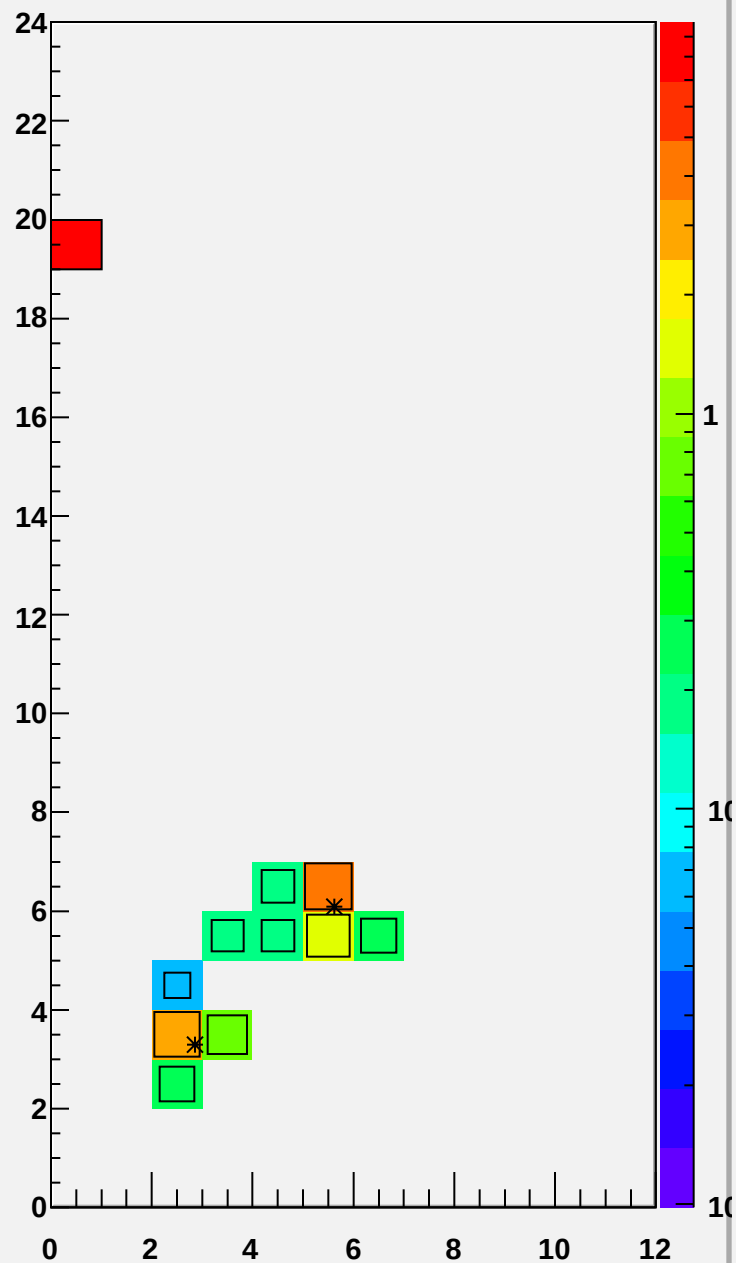
Fitted Energies



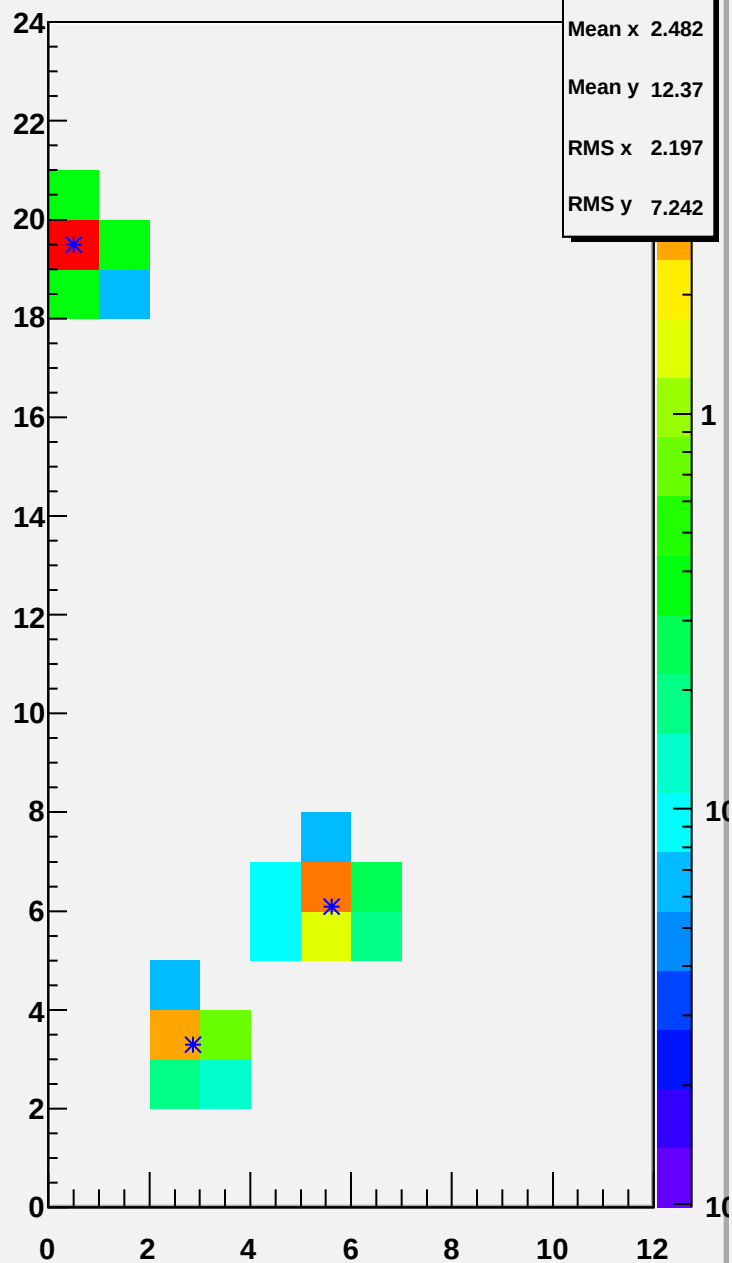
Efit

Entries 288
Mean x 3.308
Mean y 5.9
RMS x 2.769
RMS y 5.481

NSTB3_r4_c3_En=19.7_m0=0.109_m1=0.109_index=942



Fitted Energies



Efit

Entries 288

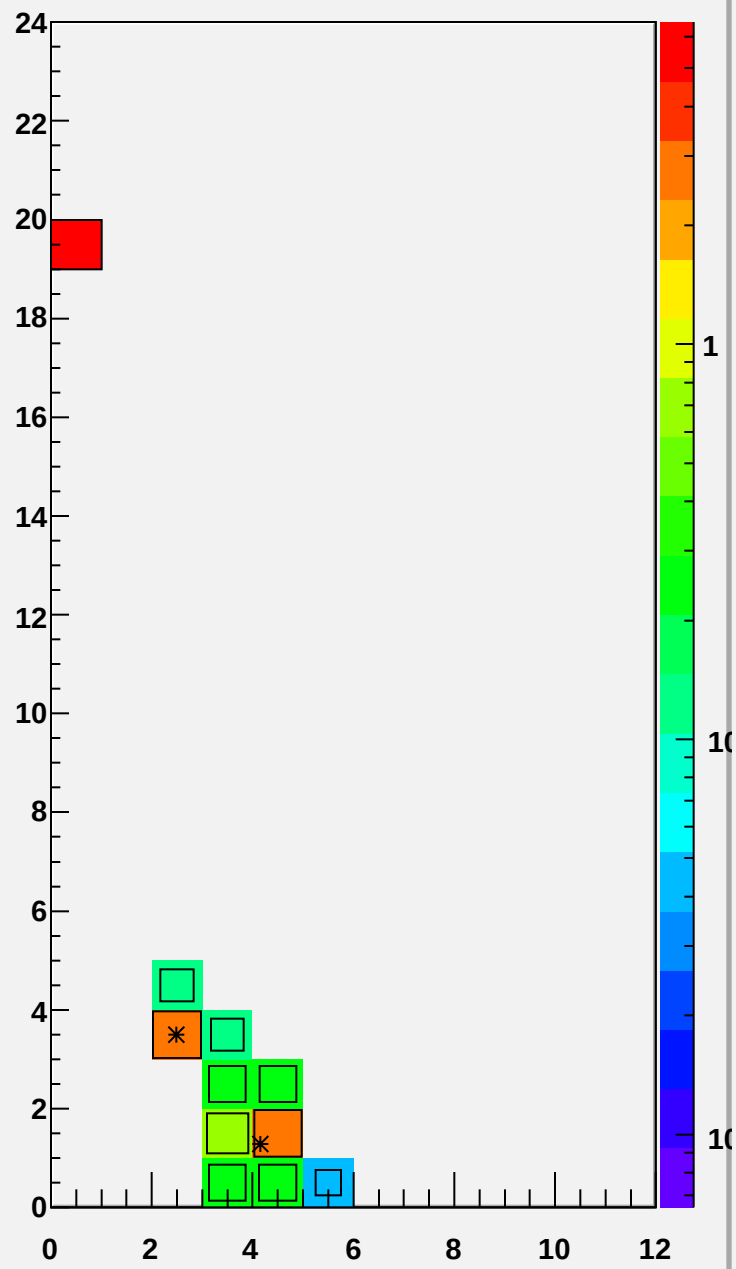
Mean x 2.482

Mean y 12.37

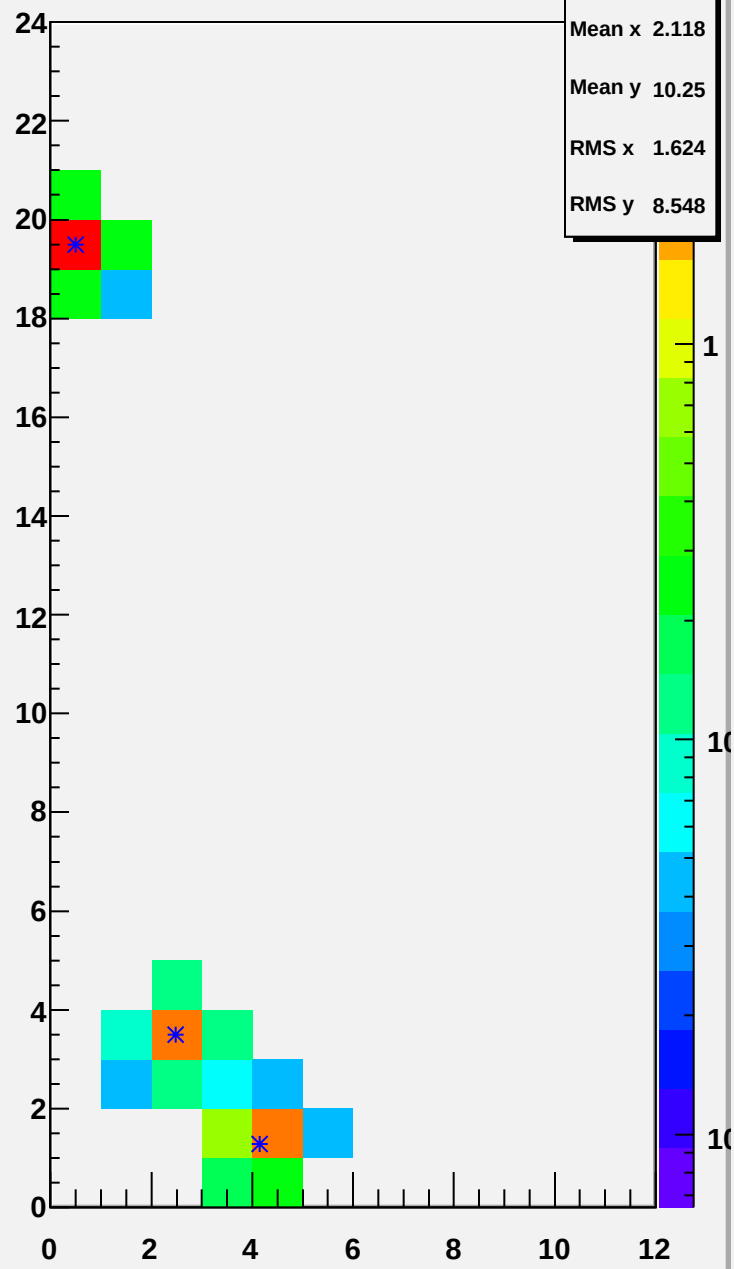
RMS x 2.197

RMS y 7.242

NSTB3_r4_c3_En=14.6_m0=0.061 m1=0.061 index=943



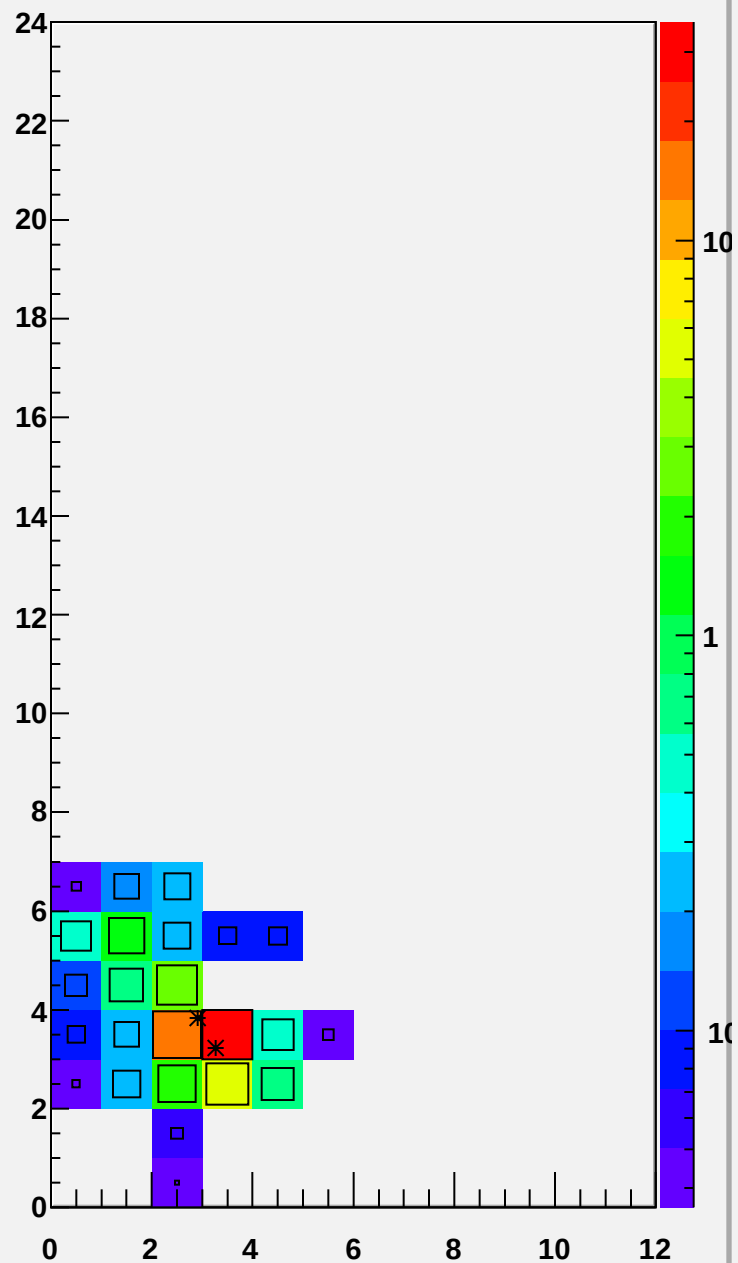
Fitted Energies



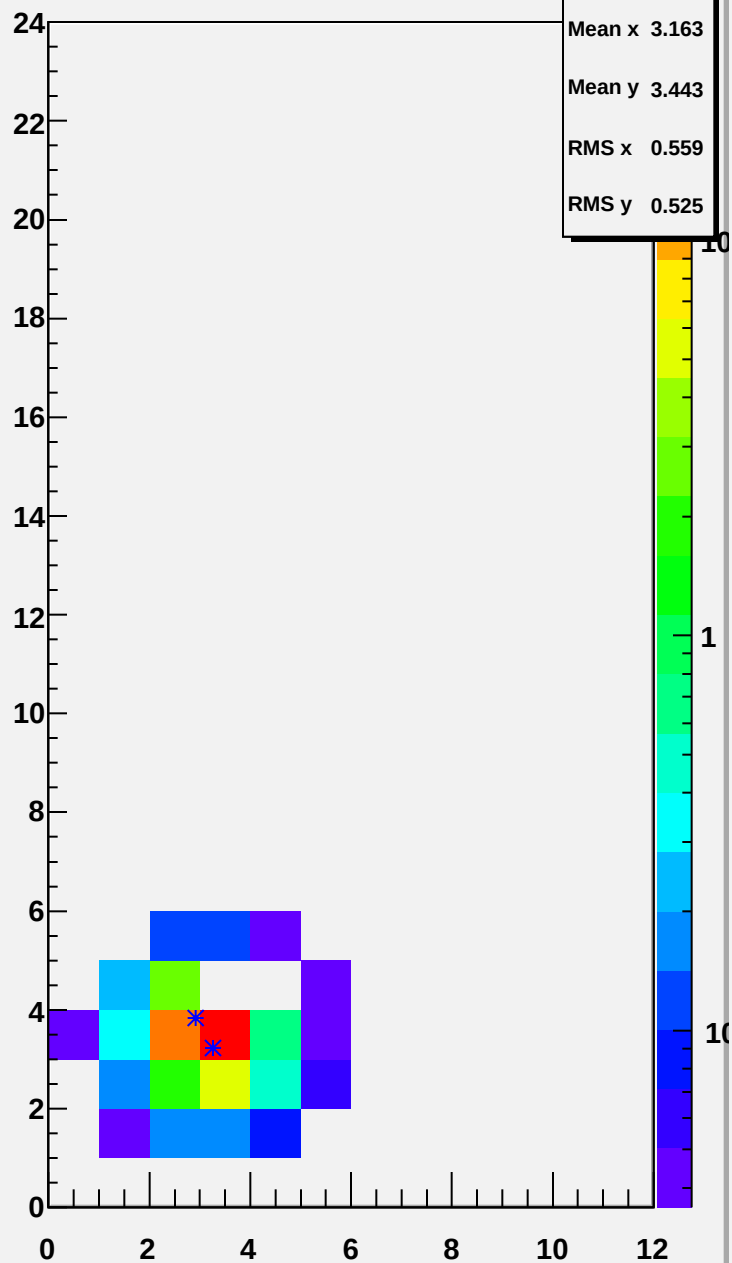
Efit

Entries 288
Mean x 2.118
Mean y 10.25
RMS x 1.624
RMS y 8.548

NSTB3_r4_c3_En=66.9_m0=0.123 m1=0.122 index=944



Fitted Energies



Efit

Entries 288

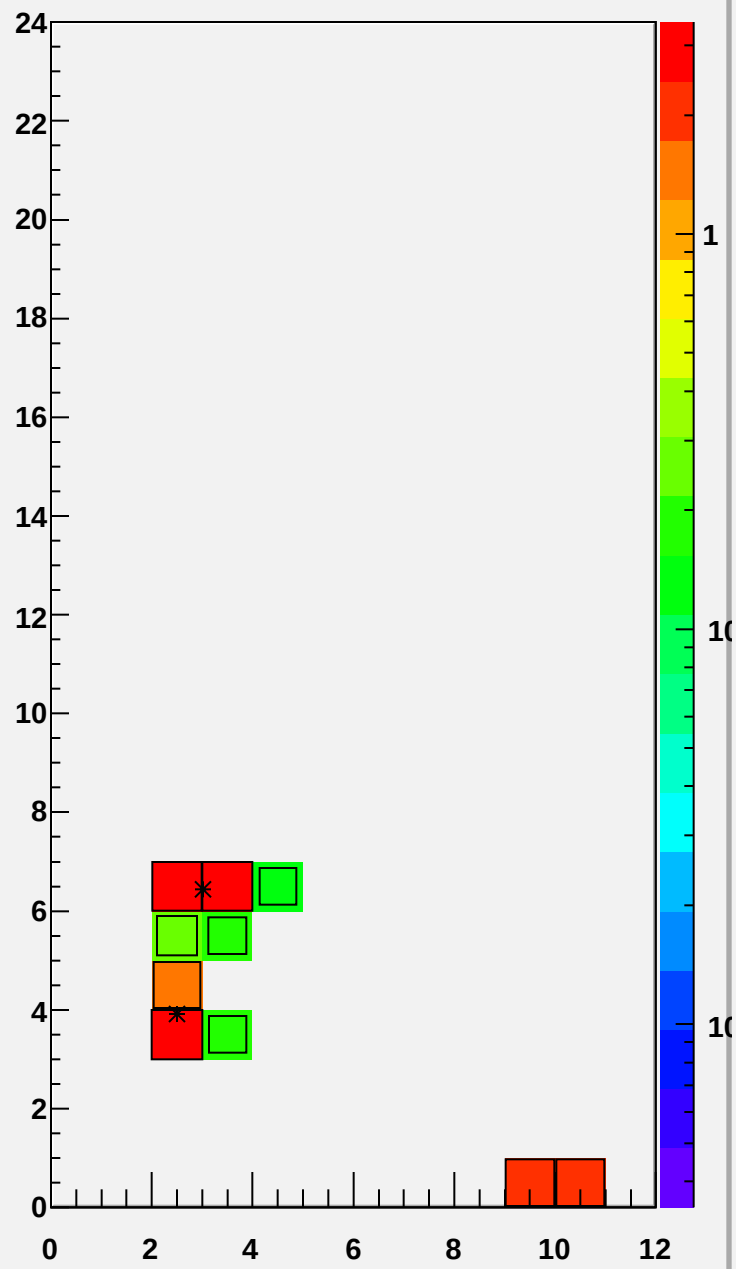
Mean x 3.163

Mean y 3.443

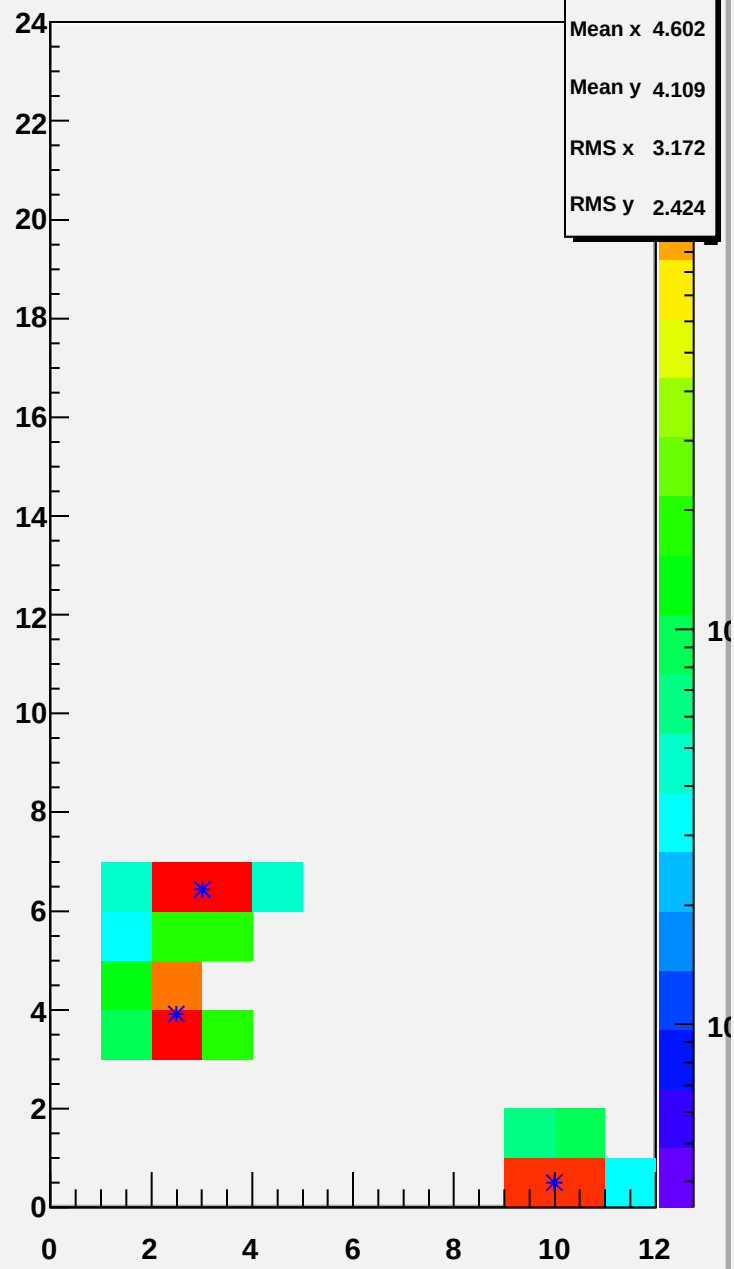
RMS x 0.559

RMS y 0.525

NSTB3_r4_c3_En=15.1_m0=0.086 m1=0.086 index=945



Fitted Energies



Efit

Entries 288

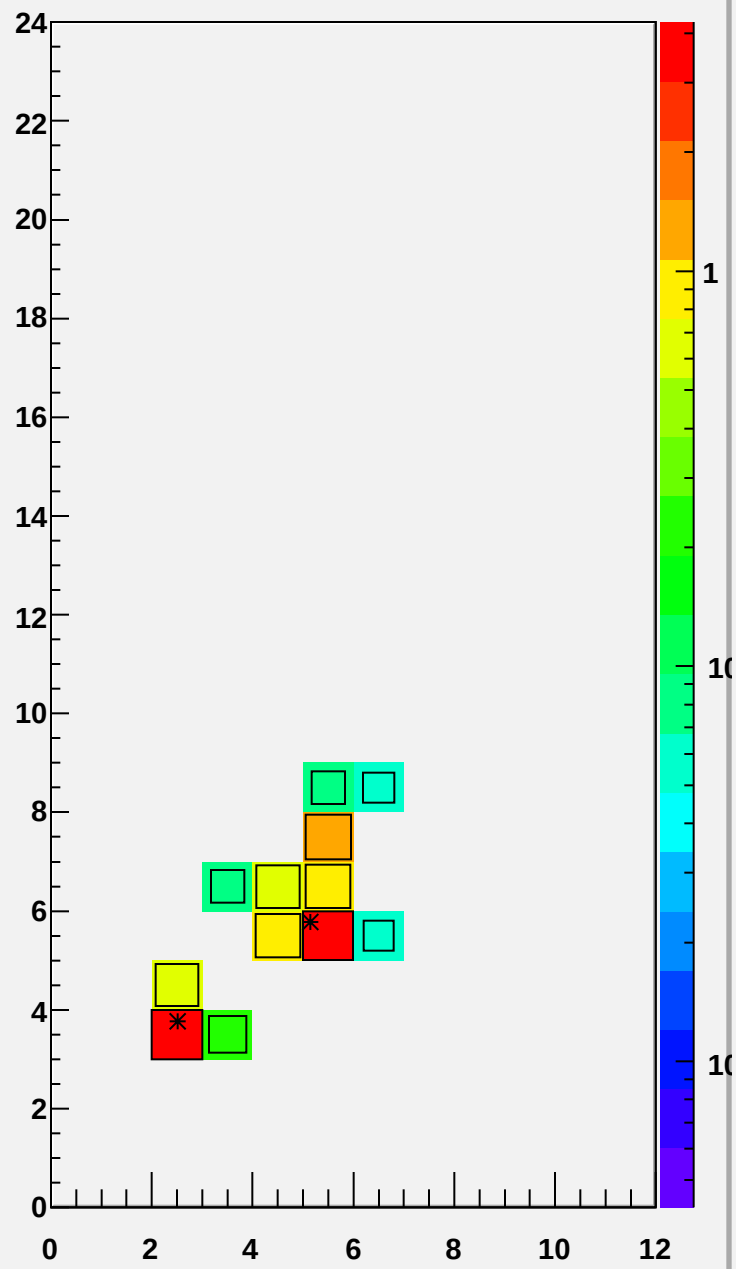
Mean x 4.602

Mean y 4.109

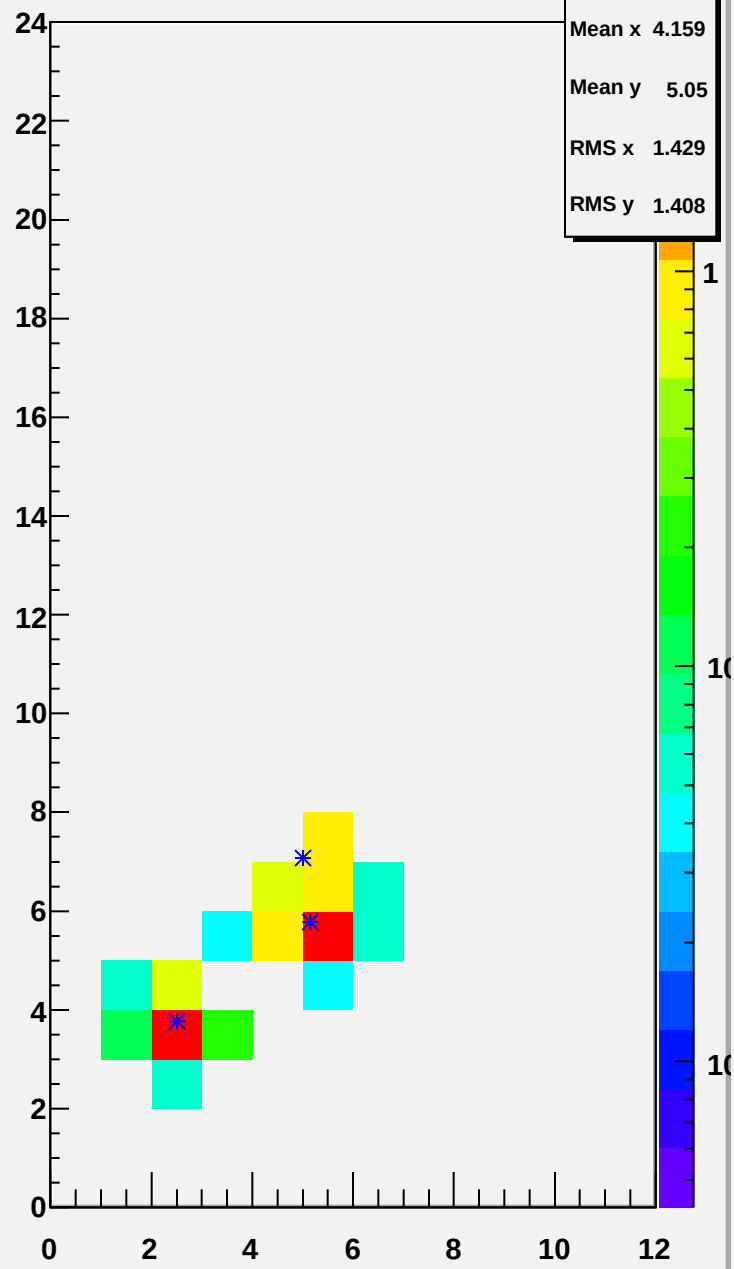
RMS x 3.172

RMS y 2.424

NSTB3_r4_c3_En=13.0_m0=0.105_m1=0.105_index=947



Fitted Energies



Efit

Entries 288

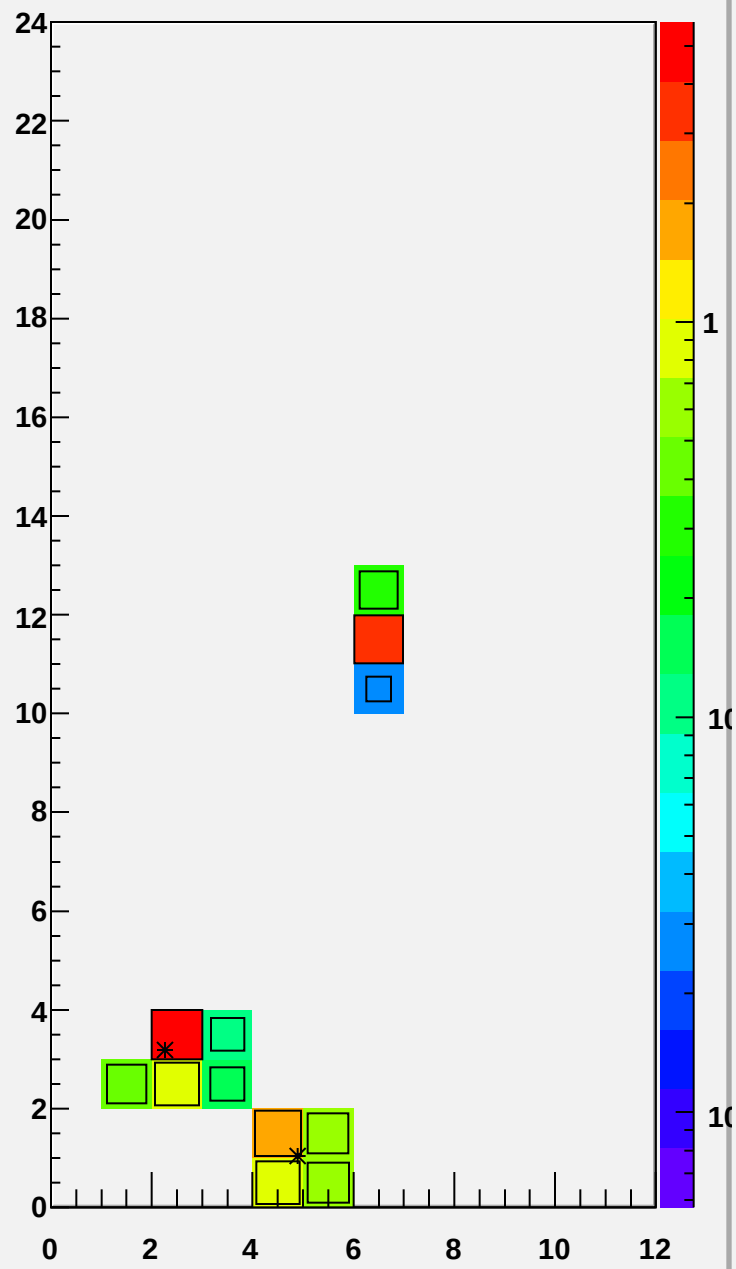
Mean x 4.159

Mean y 5.05

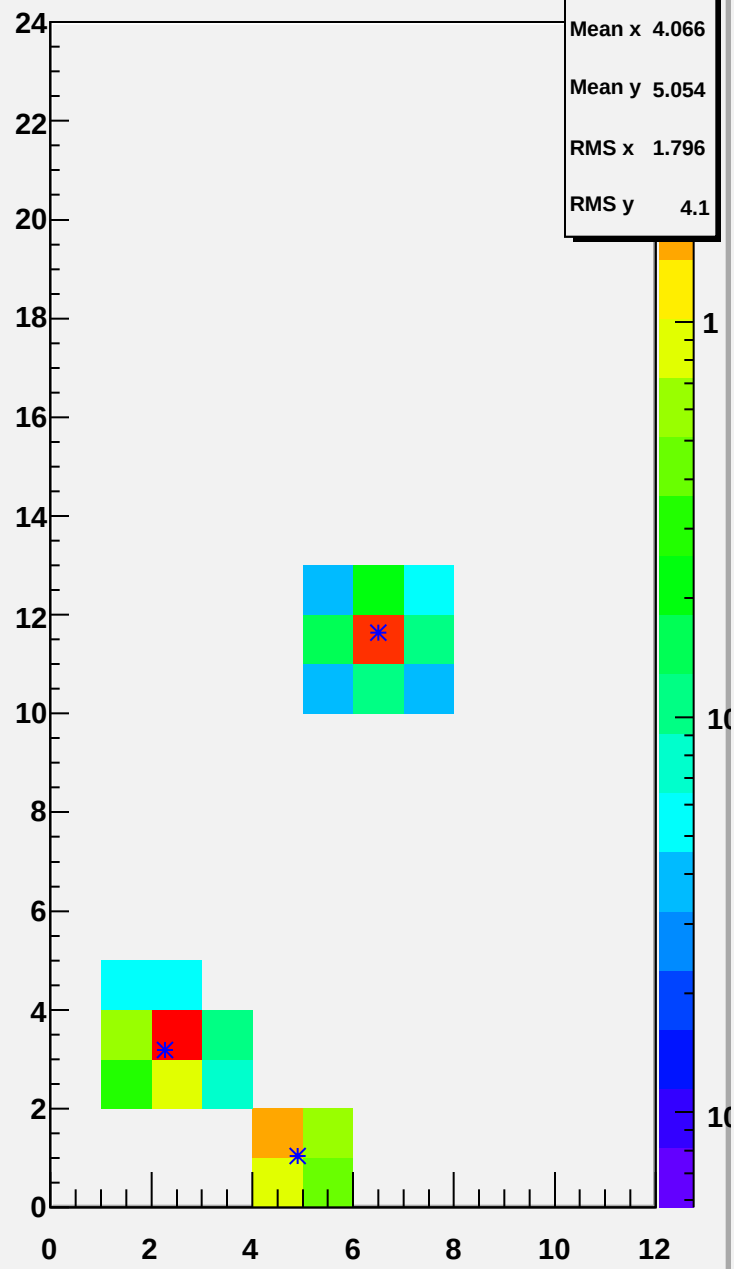
RMS x 1.429

RMS y 1.408

NSTB3_r4_c3_En=15.3_m0=0.109_m1=0.109_index=948



Fitted Energies



Efit

Entries 288

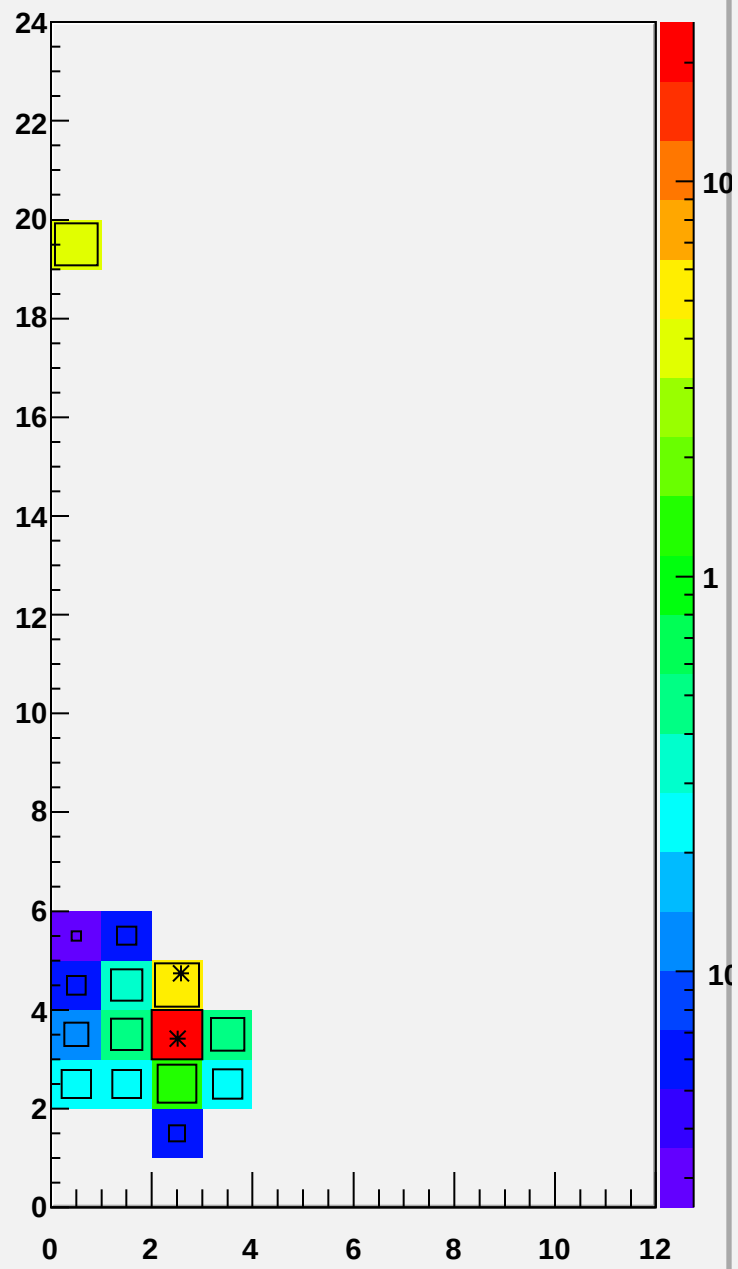
Mean x 4.066

Mean y 5.054

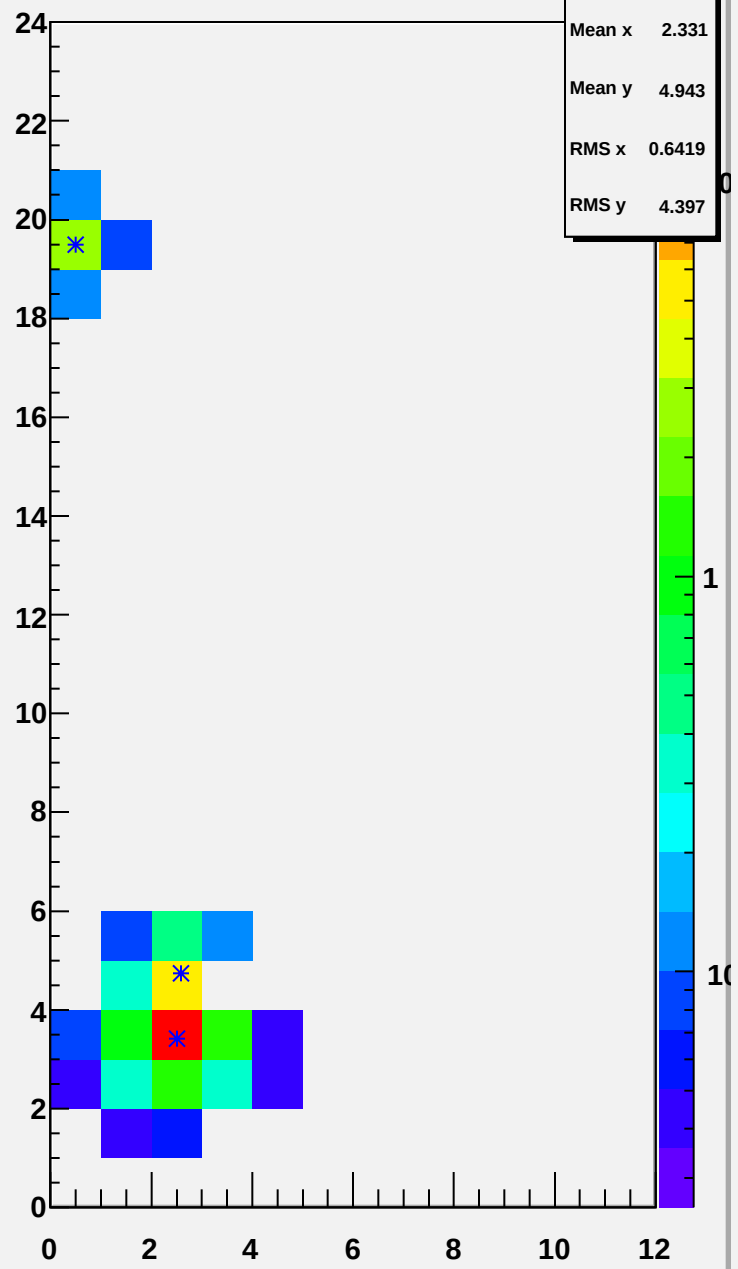
RMS x 1.796

RMS y 4.1

NSTB3_r4_c3_En=37.7_m0=0.095 m1=0.095 index=949



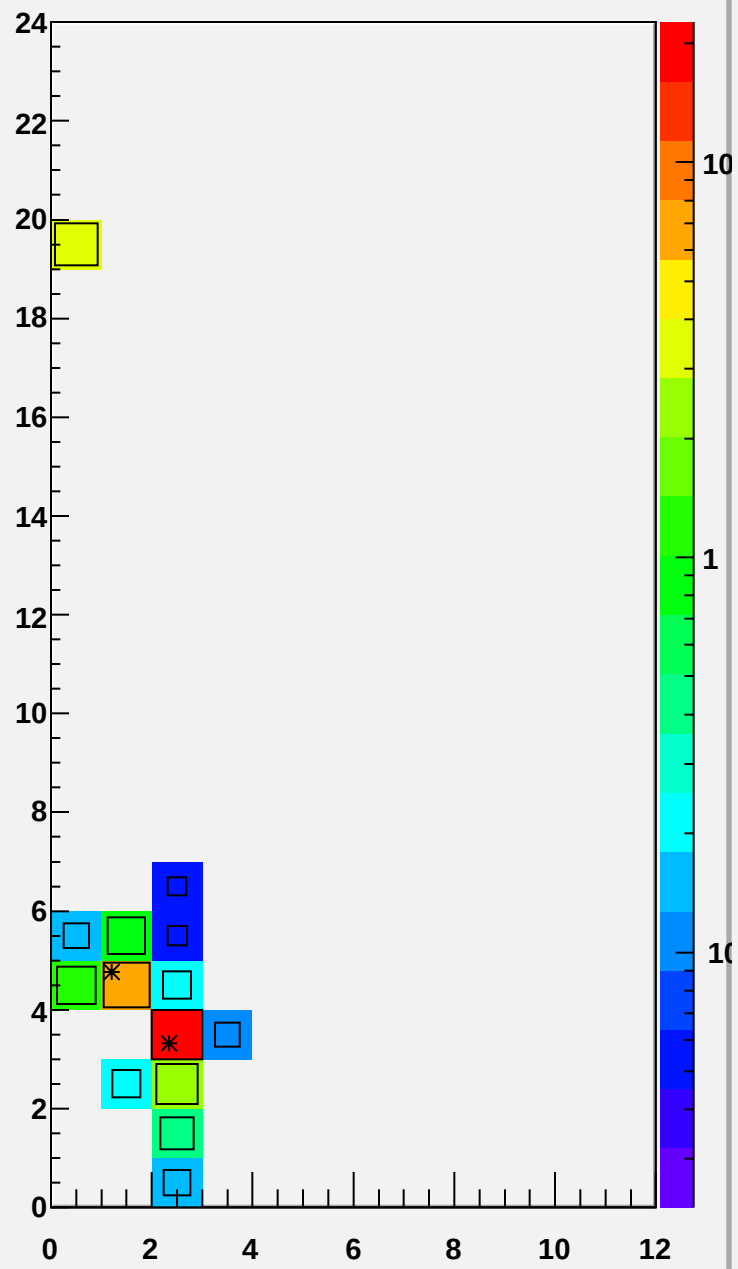
Fitted Energies



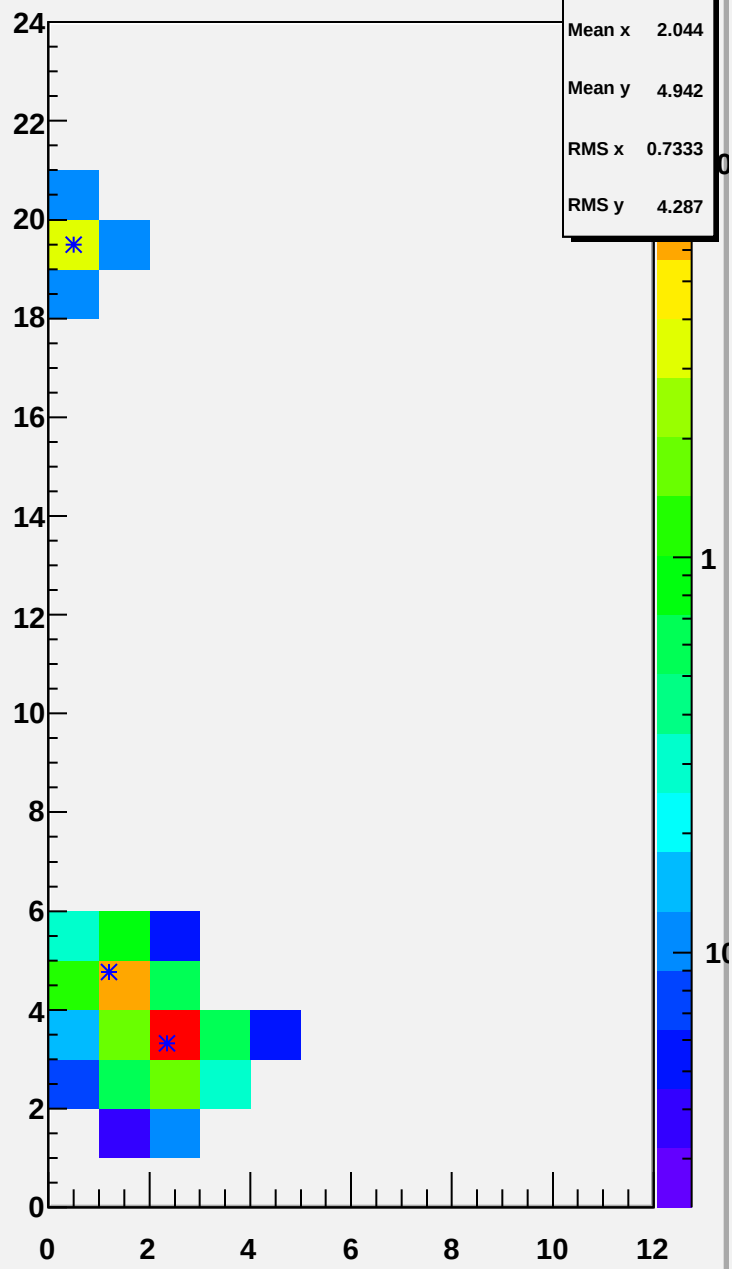
Efit

Entries	288
Mean x	2.331
Mean y	4.943
RMS x	0.6419
RMS y	4.397

NSTB3_r4_c3_En=38.0_m0=0.163 m1=0.163 index=950



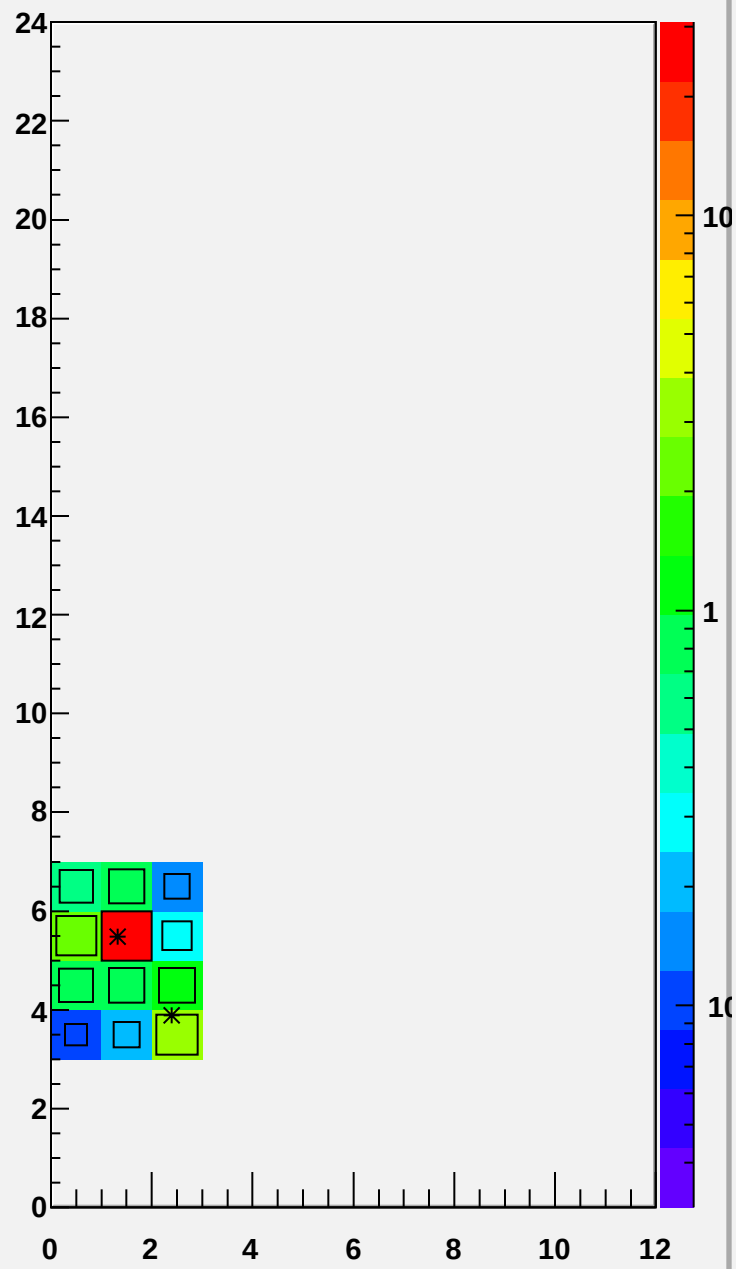
Fitted Energies



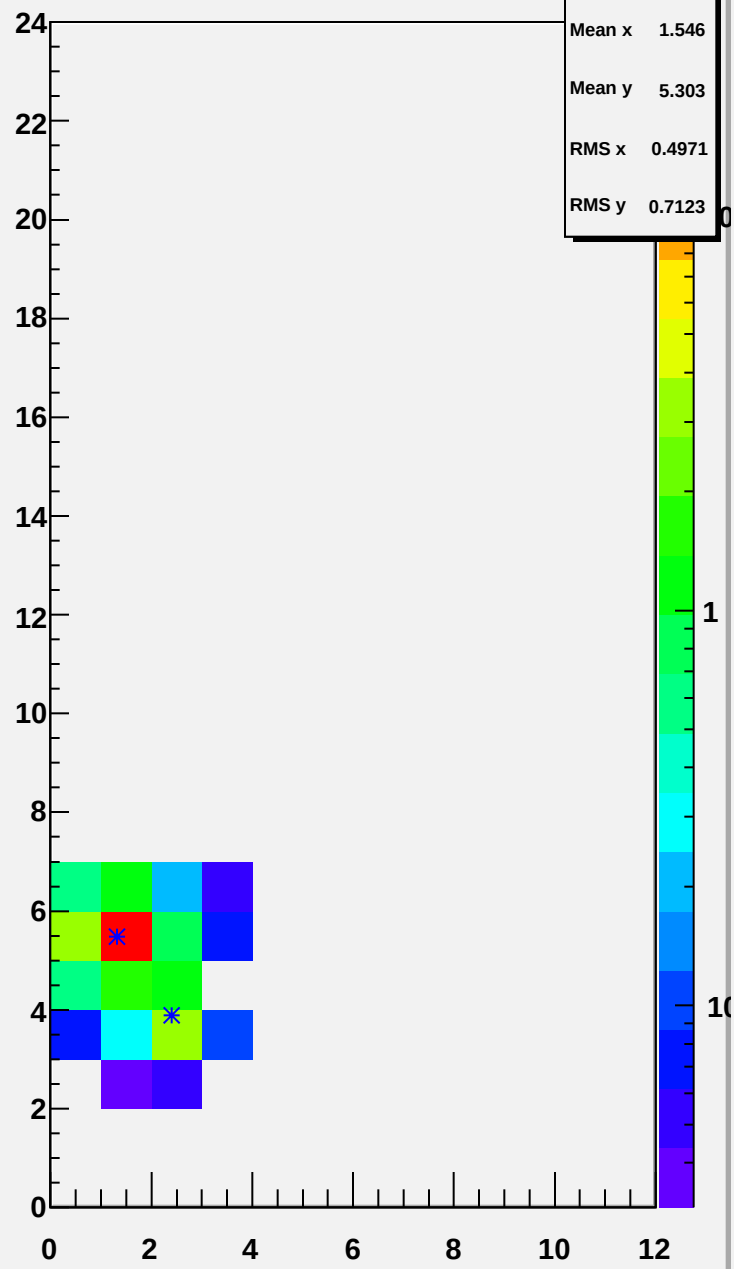
Efit

Entries	288
Mean x	2.044
Mean y	4.942
RMS x	0.7333
RMS y	4.287

NSTB3_r4_c3_En=41.3_m0=0.143_m1=0.143_index=951



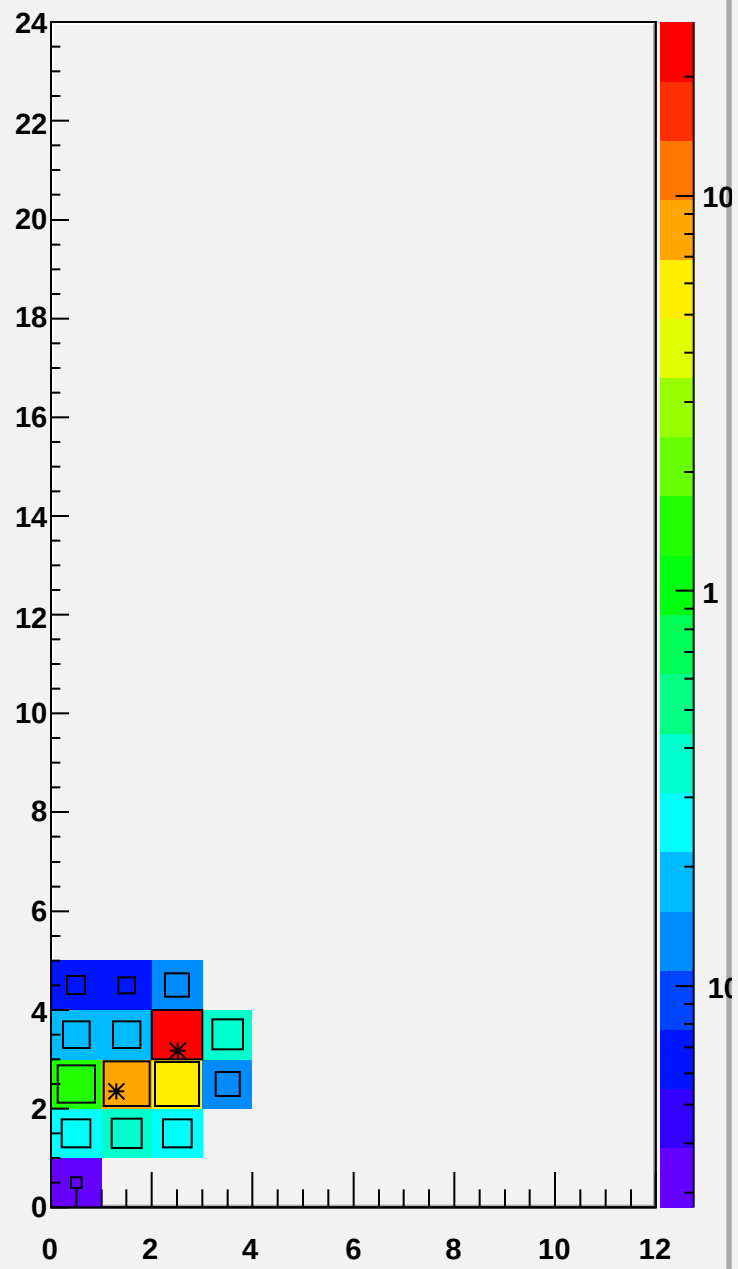
Fitted Energies



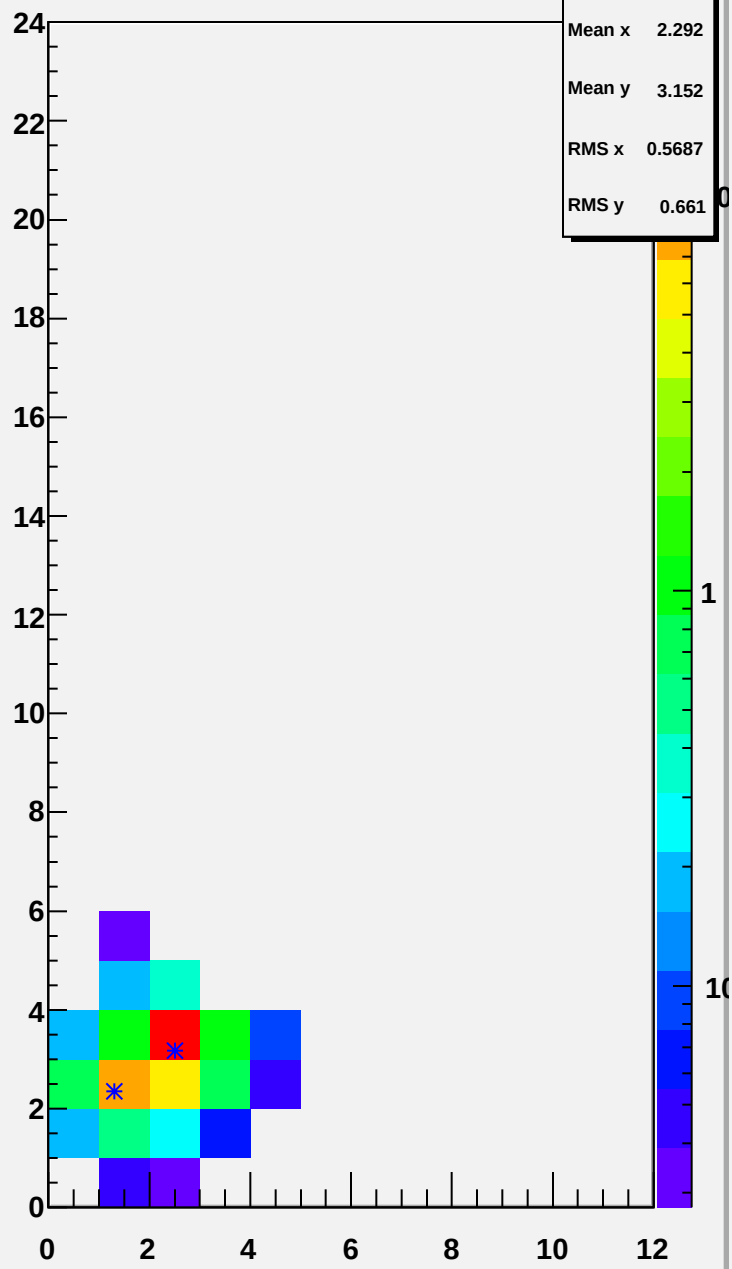
Efit

Entries	288
Mean x	1.546
Mean y	5.303
RMS x	0.4971
RMS y	0.7123

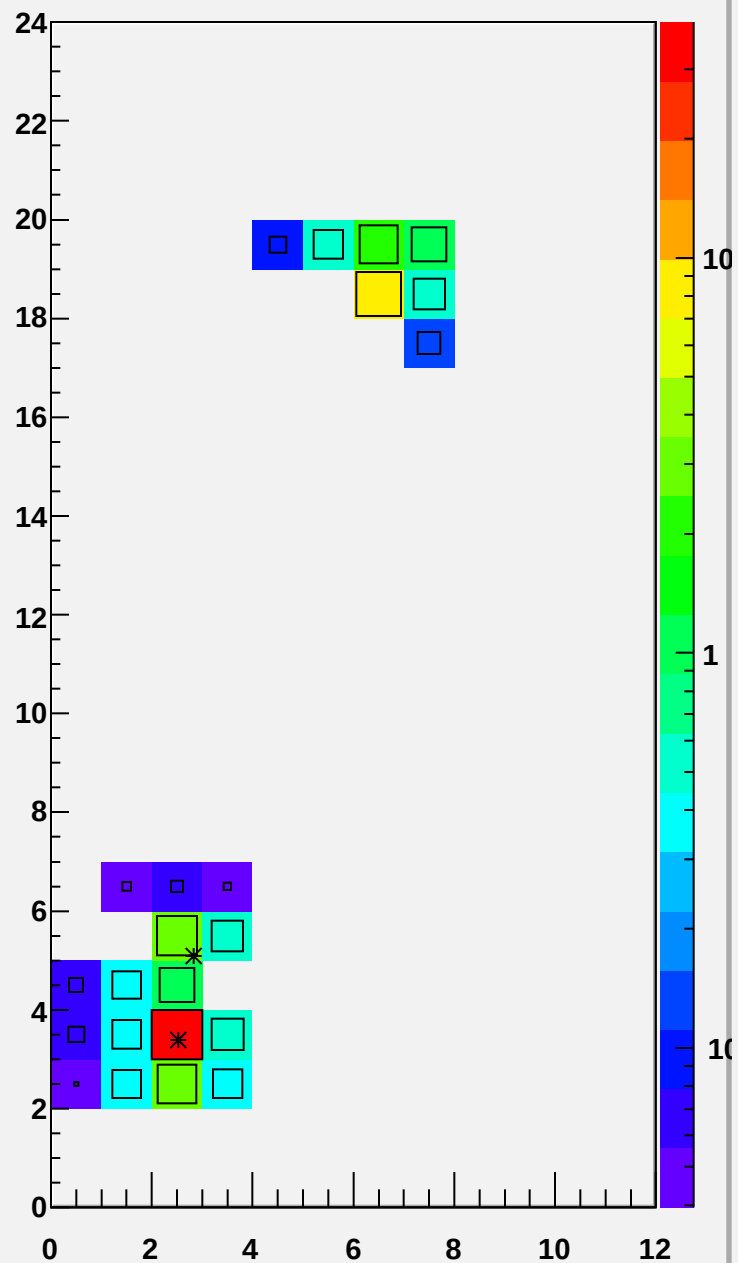
NSTB3_r4_c3_En=44.3_m0=0.138 m1=0.138 index=952



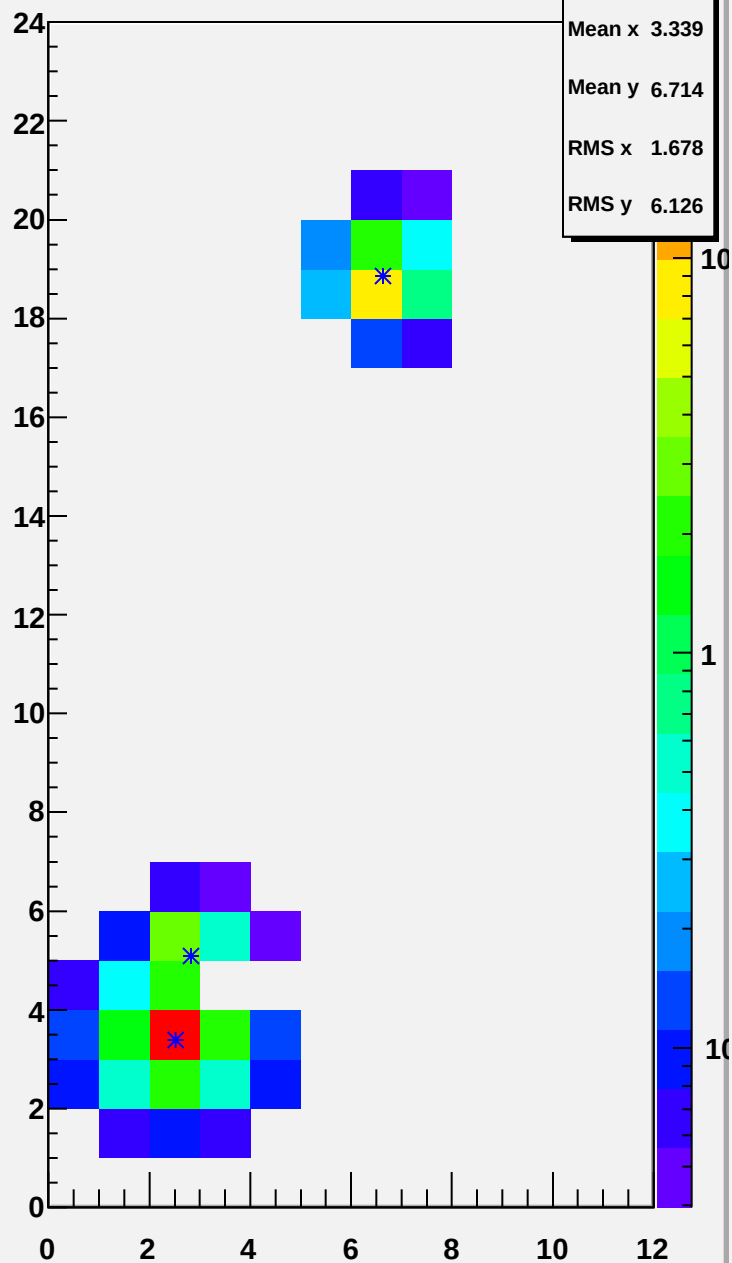
Fitted Energies



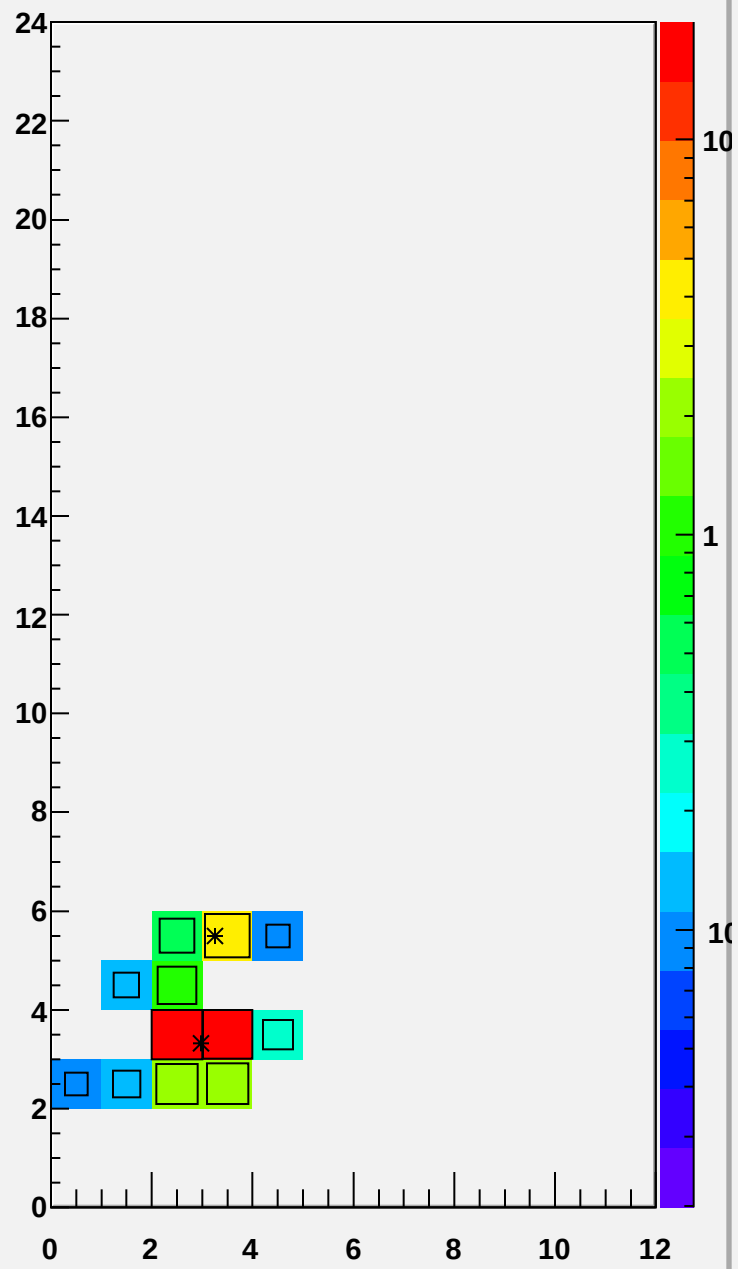
NSTB3_r4_c3_En=63.0_m0=0.149_m1=0.149_index=953



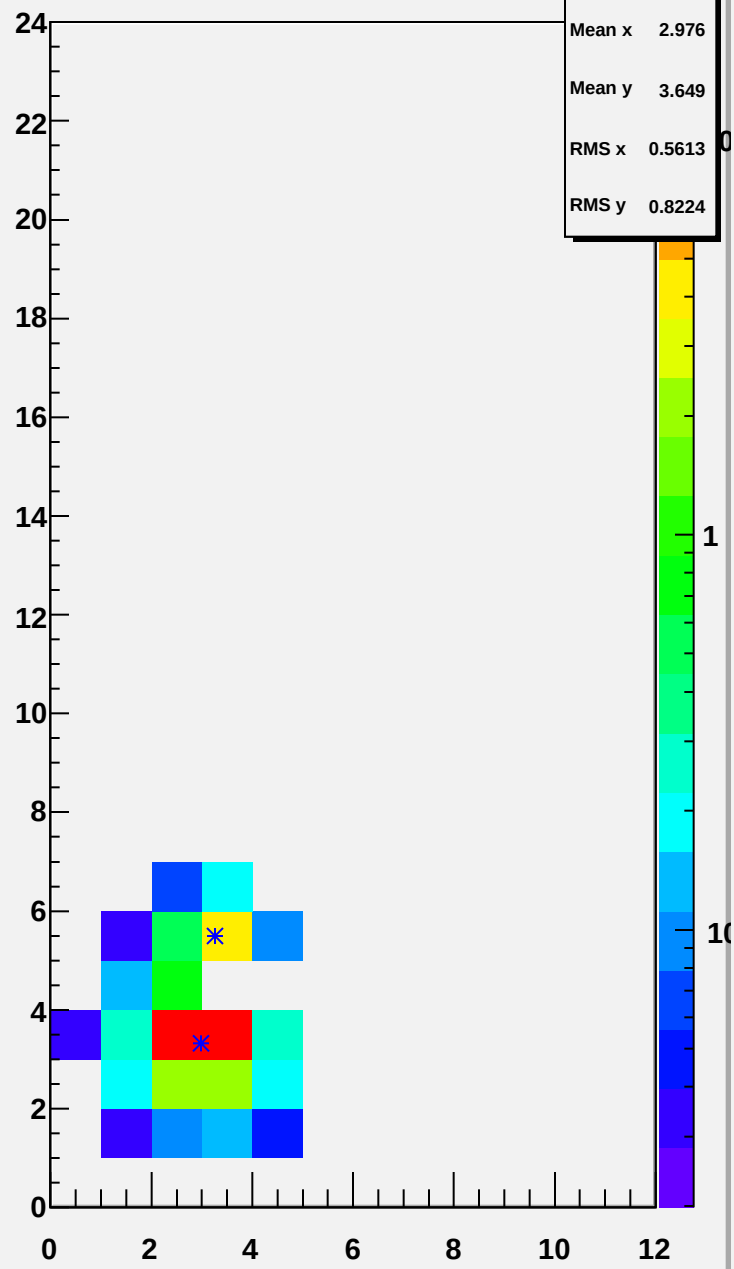
Fitted Energies



NSTB3_r4_c3_En=45.4_m0=0.178 m1=0.178 index=954



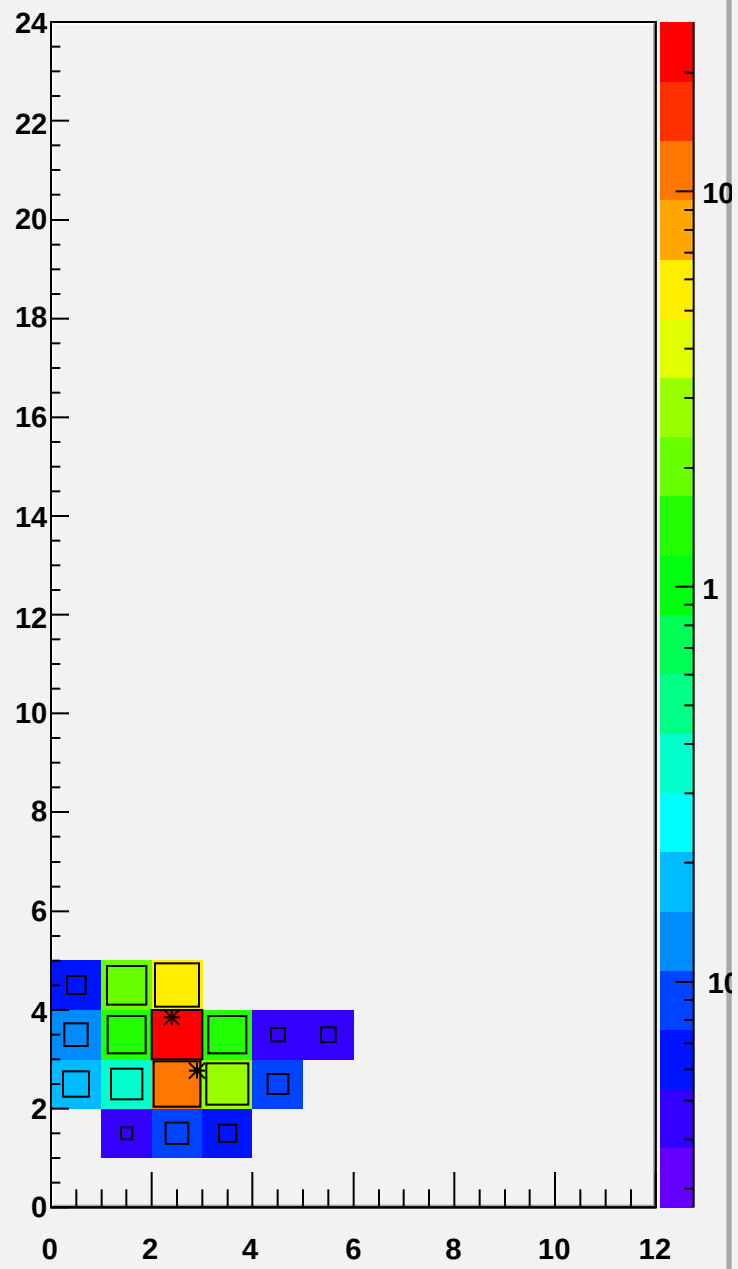
Fitted Energies



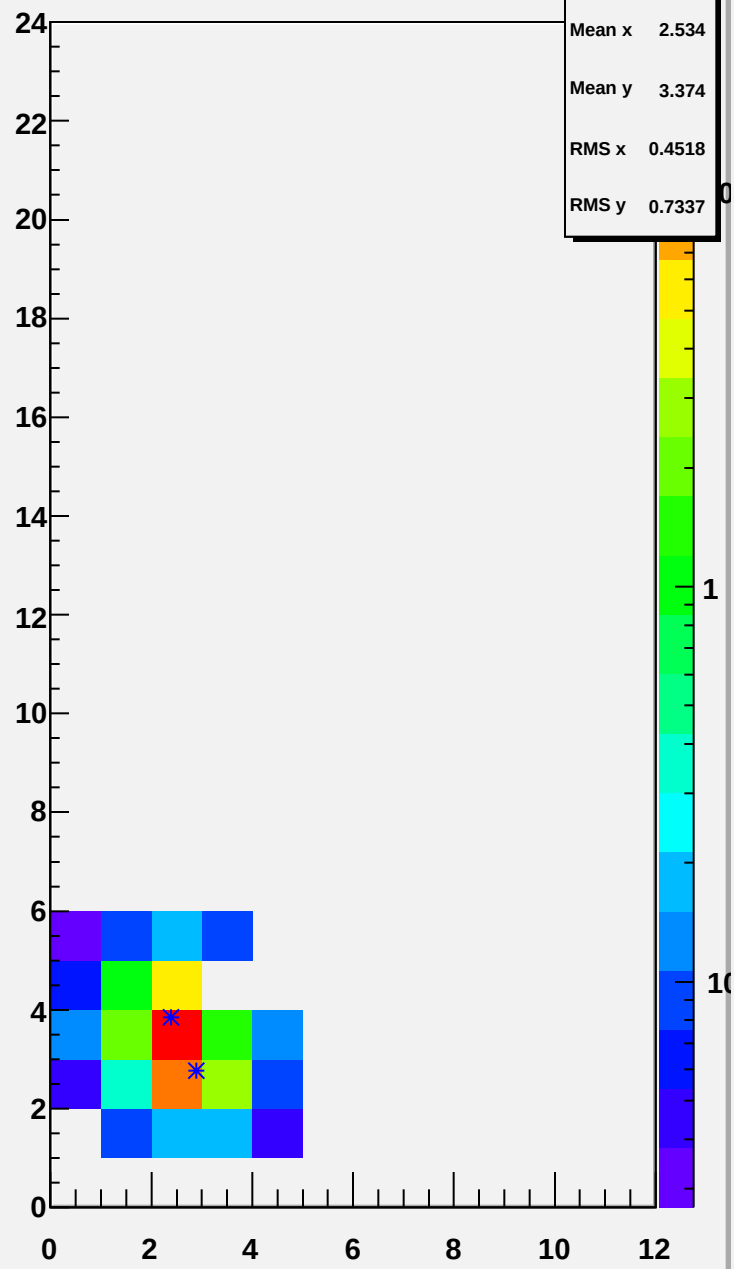
Efit

Entries	288
Mean x	2.976
Mean y	3.649
RMS x	0.5613
RMS y	0.8224

NSTB3_r4_c3_En=51.3_m0=0.153_m1=0.153_index=955



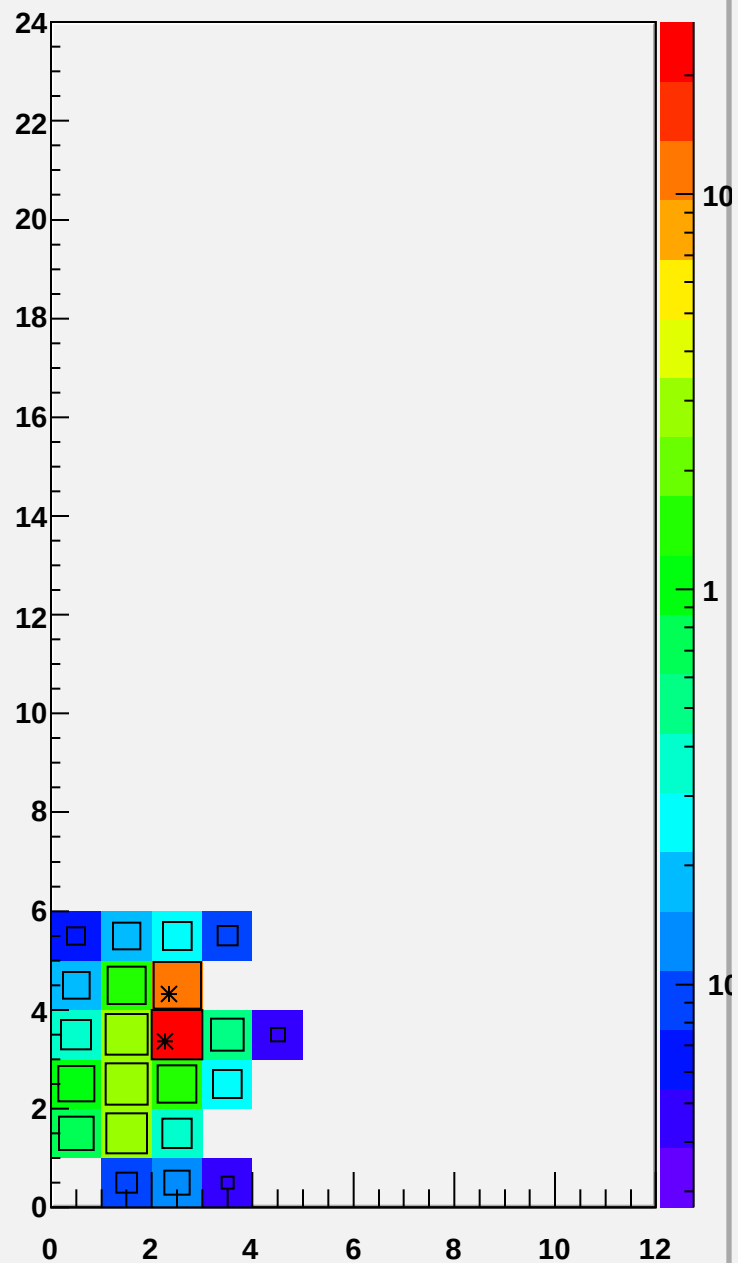
Fitted Energies



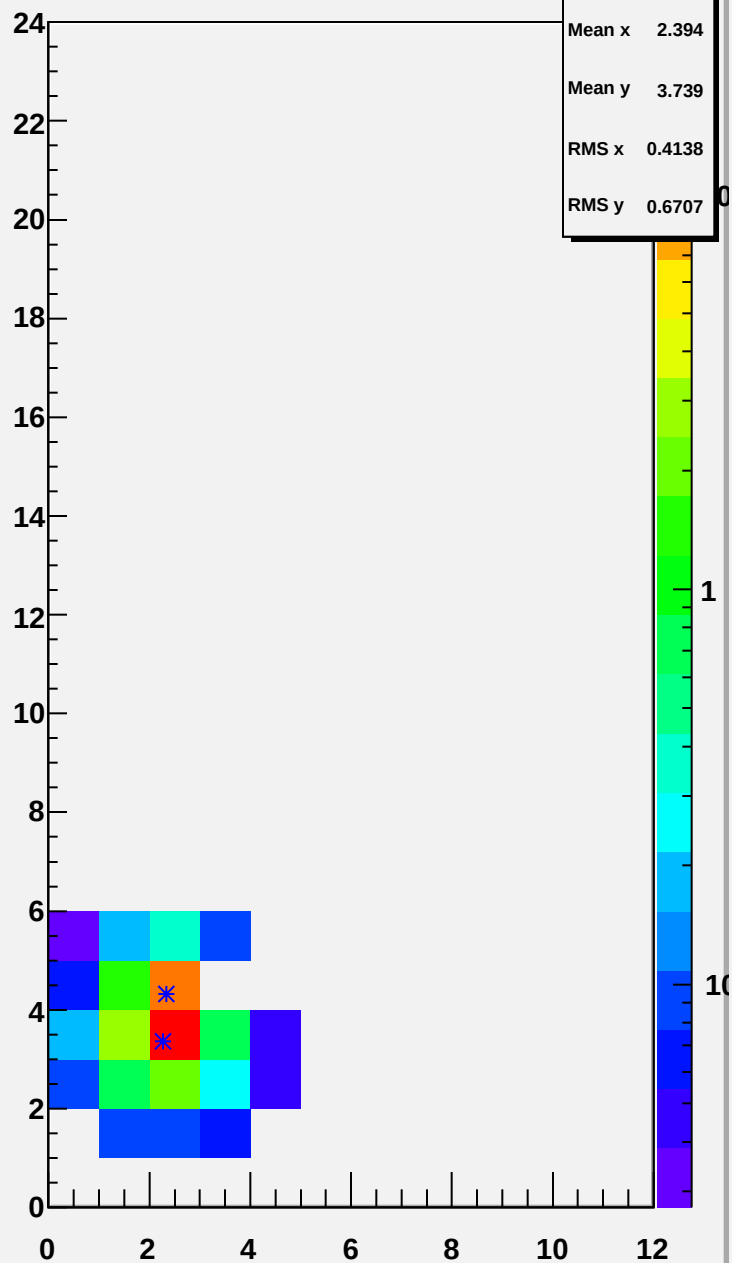
Efit

Entries	288
Mean x	2.534
Mean y	3.374
RMS x	0.4518
RMS y	0.7337

NSTB3_r4_c3_En=55.5_m0=0.120 m1=0.120 index=956



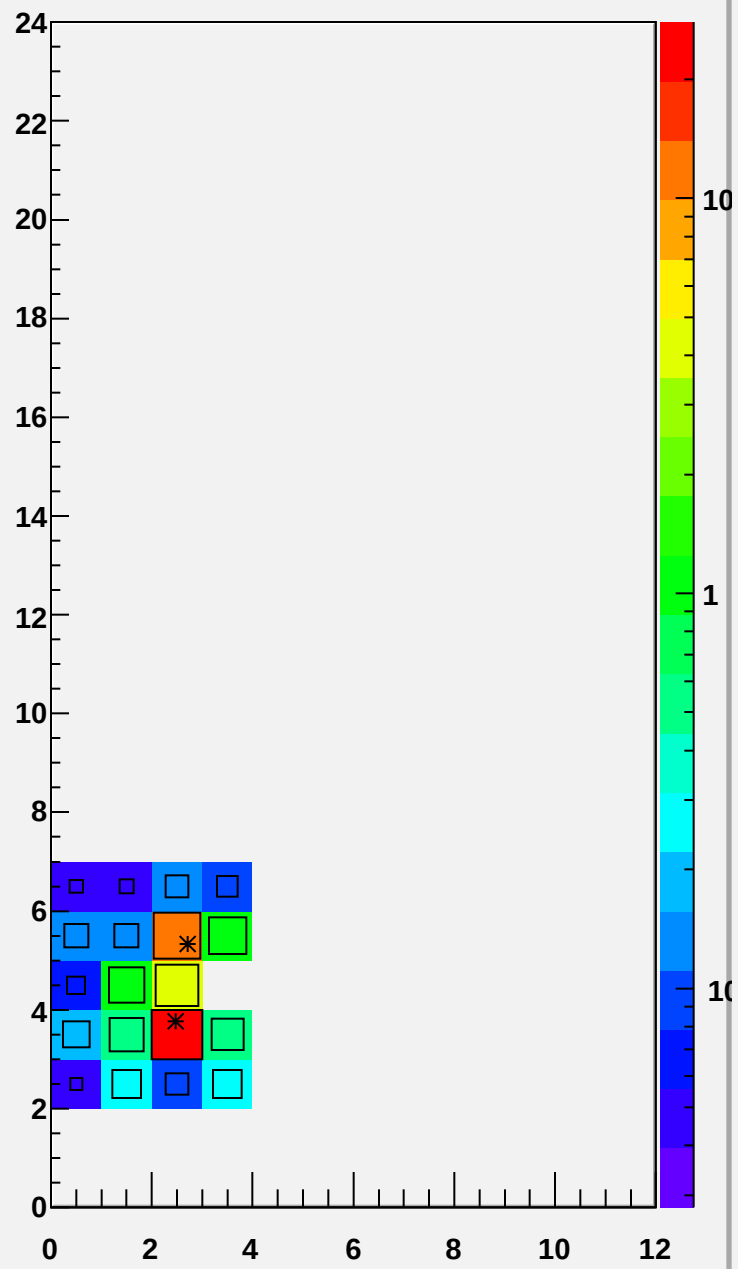
Fitted Energies



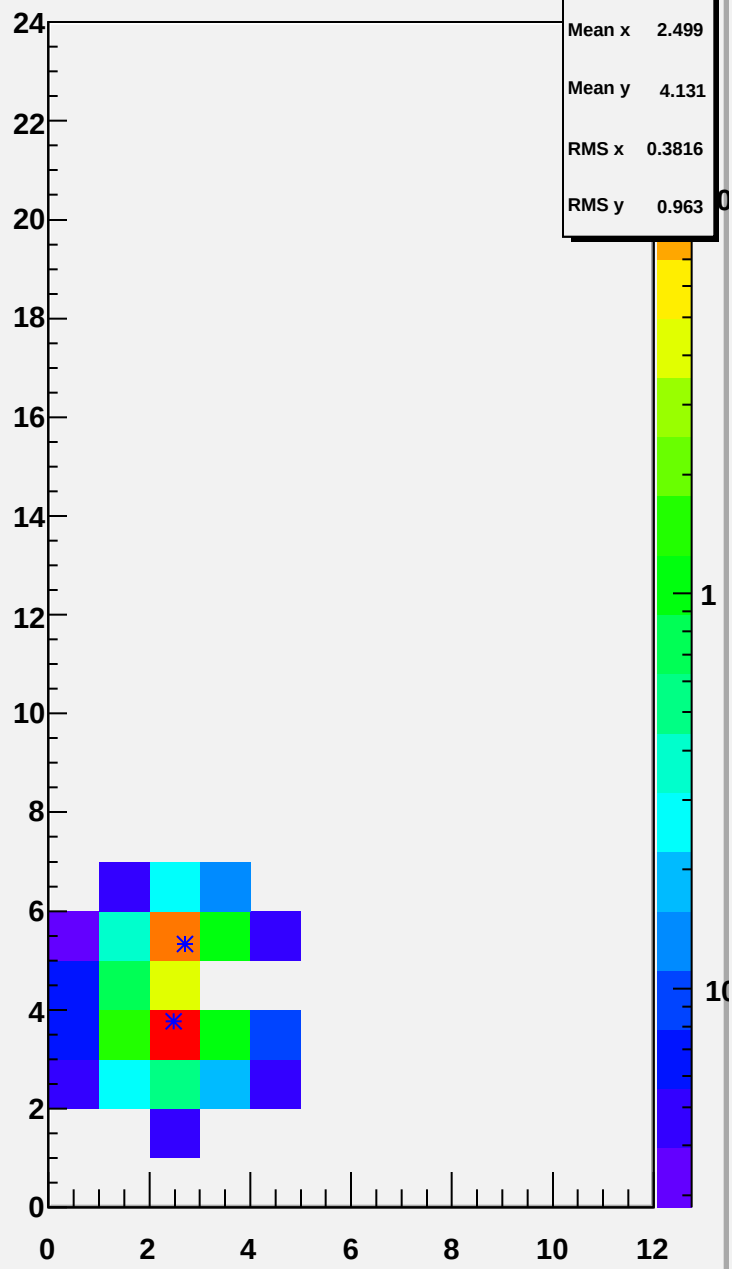
Efit

Entries	288
Mean x	2.394
Mean y	3.739
RMS x	0.4138
RMS y	0.6707

NSTB3_r4_c3_En=47.1_m0=0.196_m1=0.196_index=957



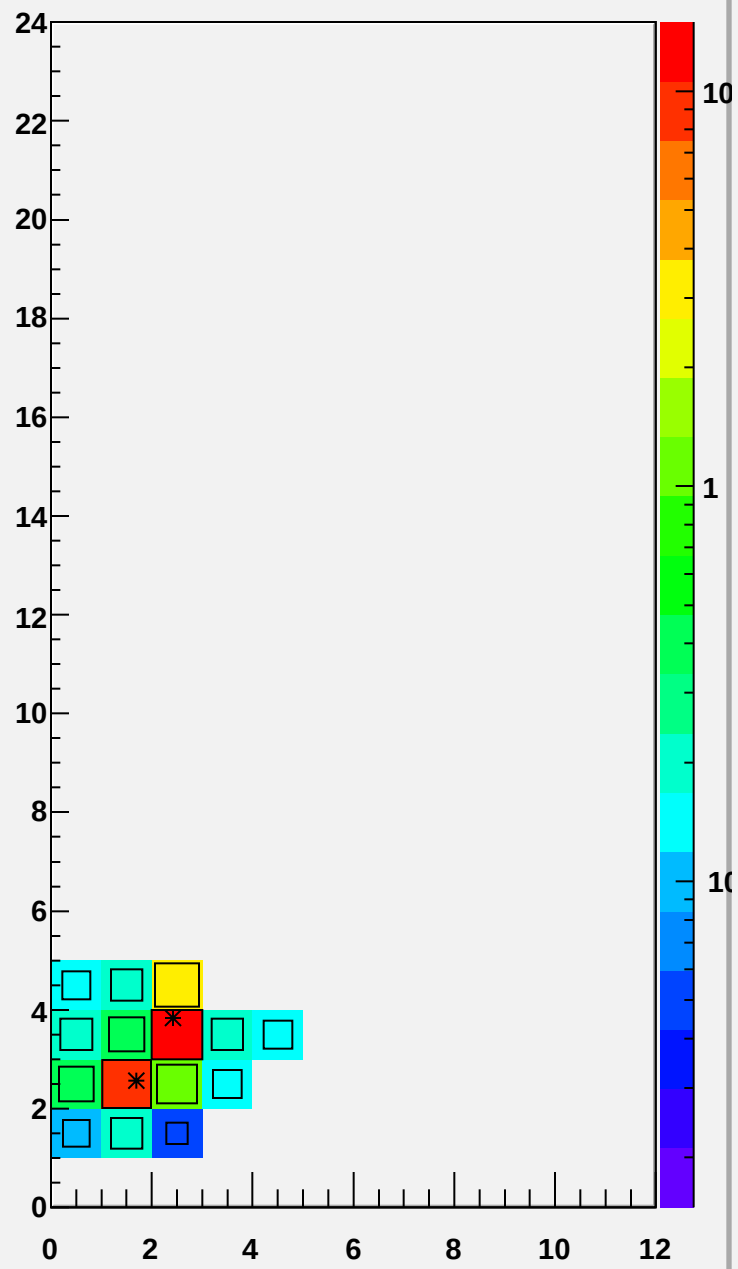
Fitted Energies



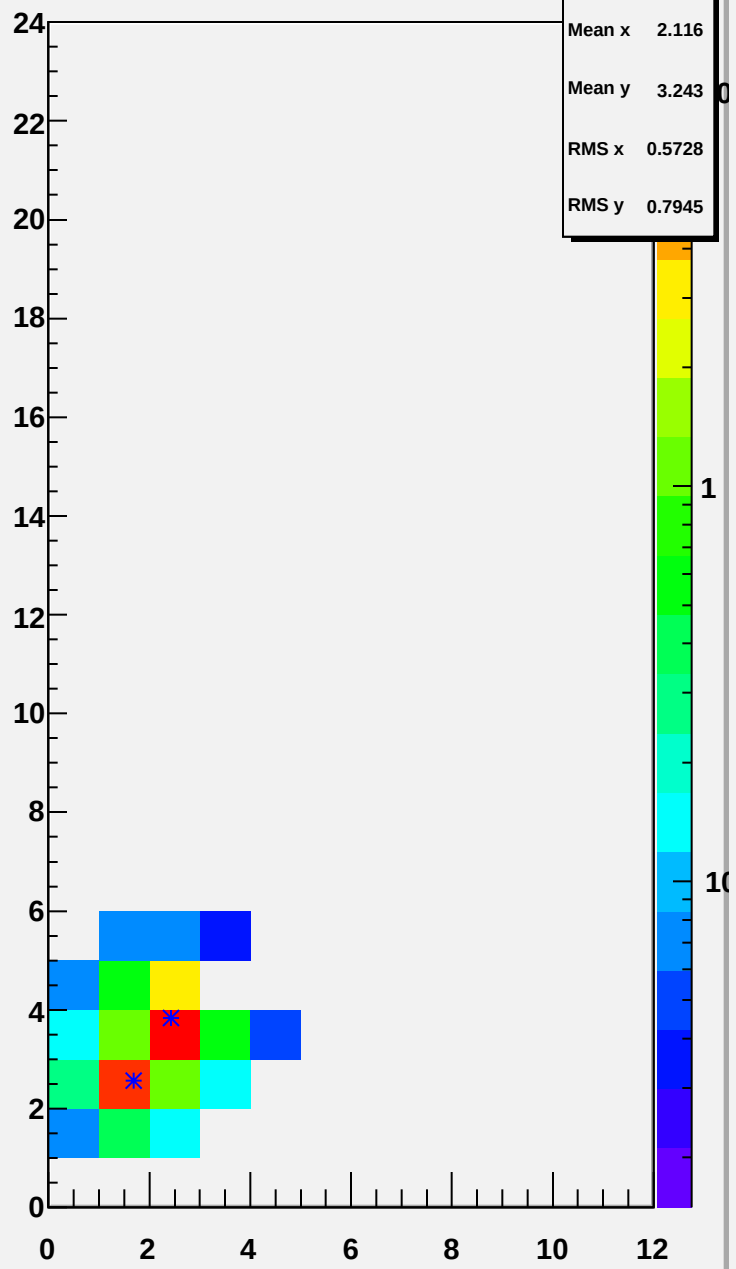
Efit

Entries	288
Mean x	2.499
Mean y	4.131
RMS x	0.3816
RMS y	0.963

NSTB3_r4_c3_En=31.7_m0=0.132 m1=0.132 index=959



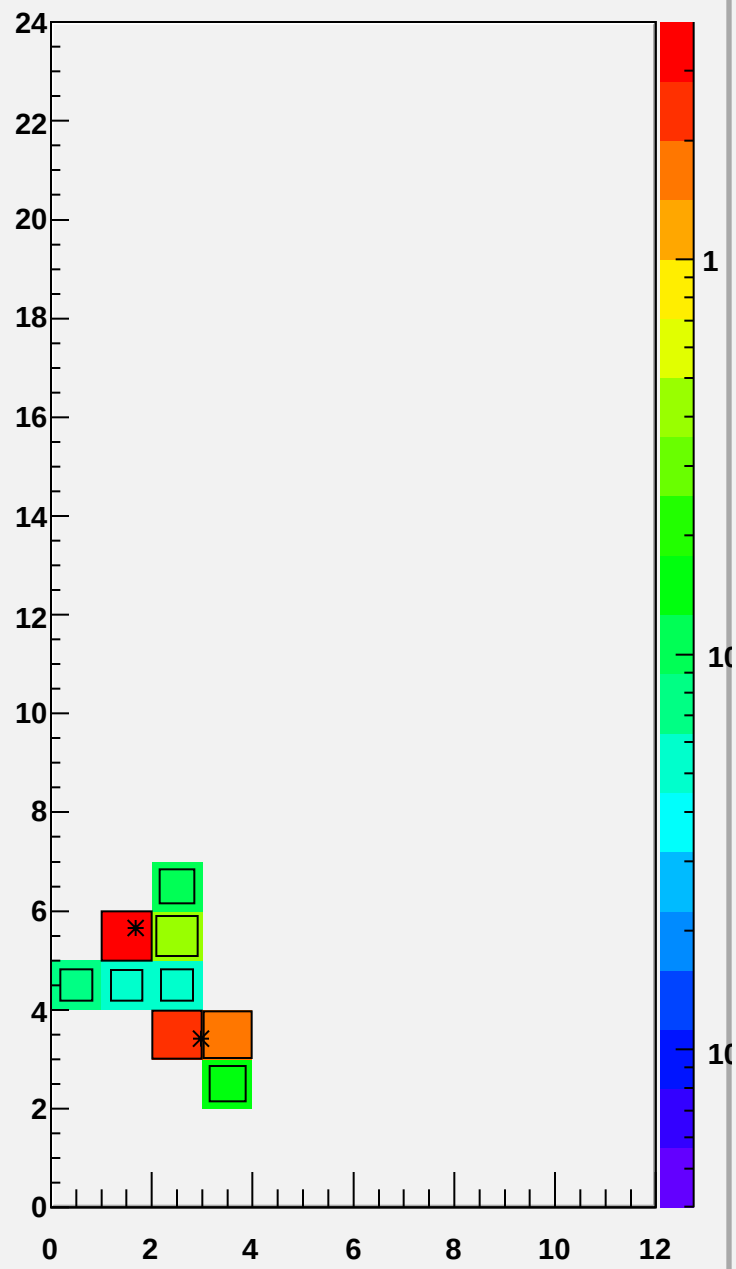
Fitted Energies



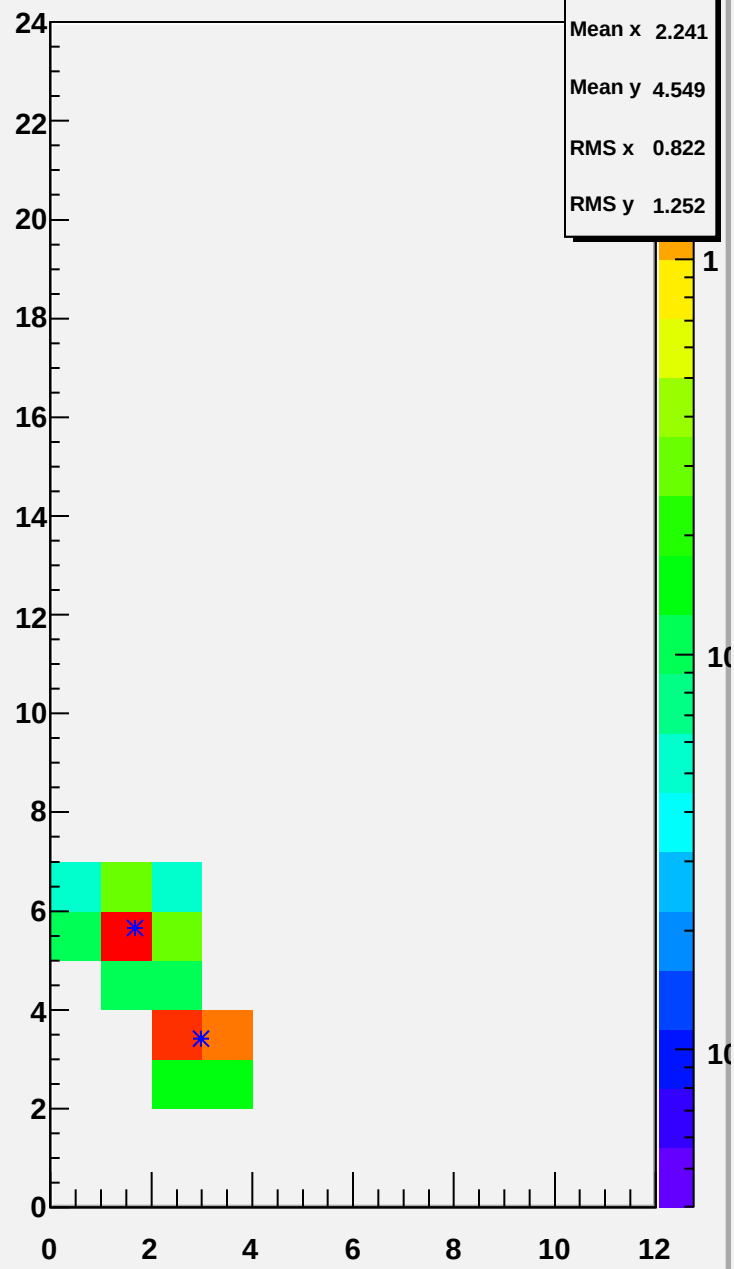
Efit

Entries	288
Mean x	2.116
Mean y	3.243
RMS x	0.5728
RMS y	0.7945

NSTB3_r4_c3_En= 9.4_m0=0.073 m1=0.073 index=960



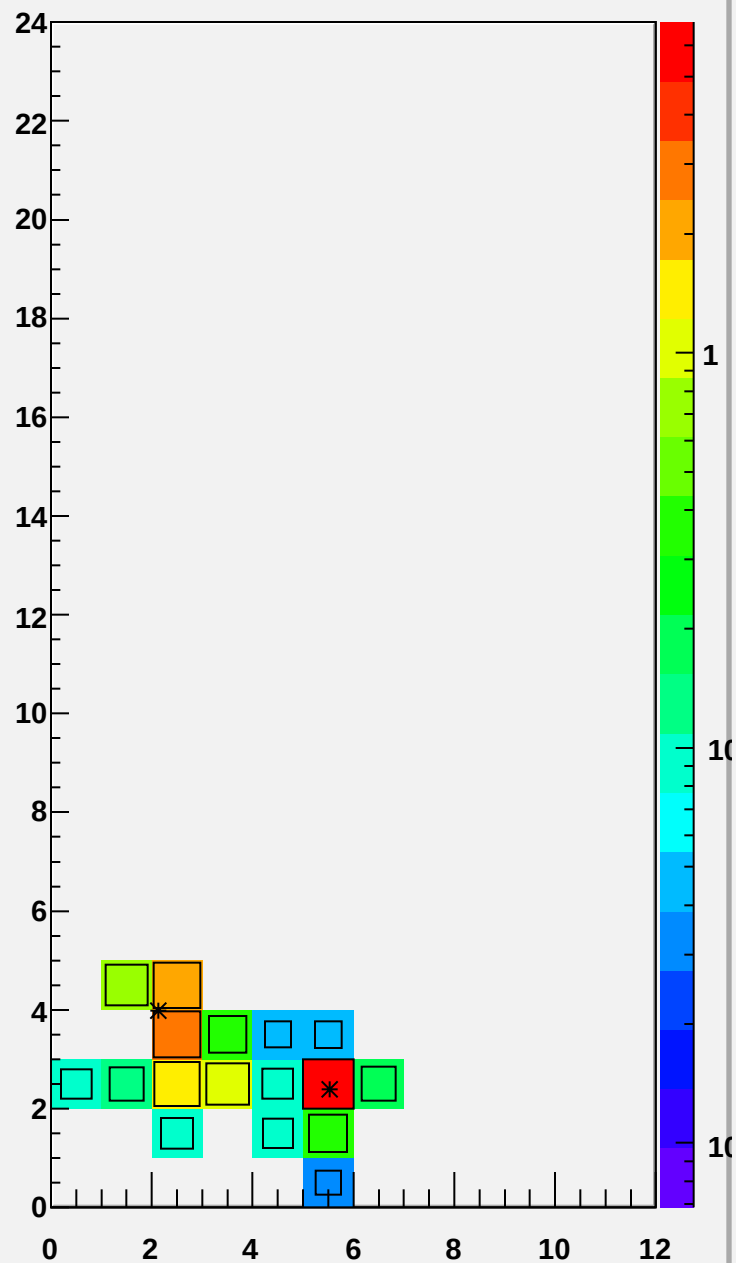
Fitted Energies



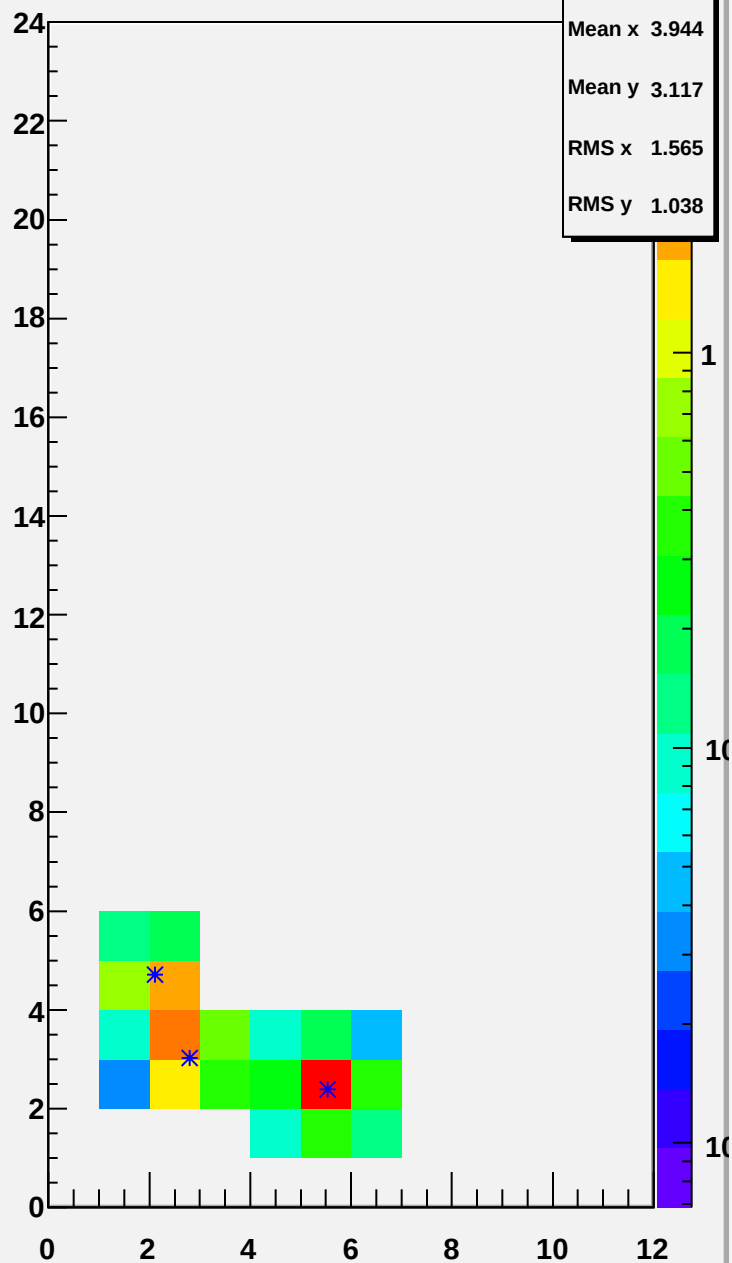
Efit

Entries 288
Mean x 2.241
Mean y 4.549
RMS x 0.822
RMS y 1.252

NSTB3_r4_c3_En=16.8_m0=0.158_m1=0.123_index=961



Fitted Energies



Efit

Entries 288

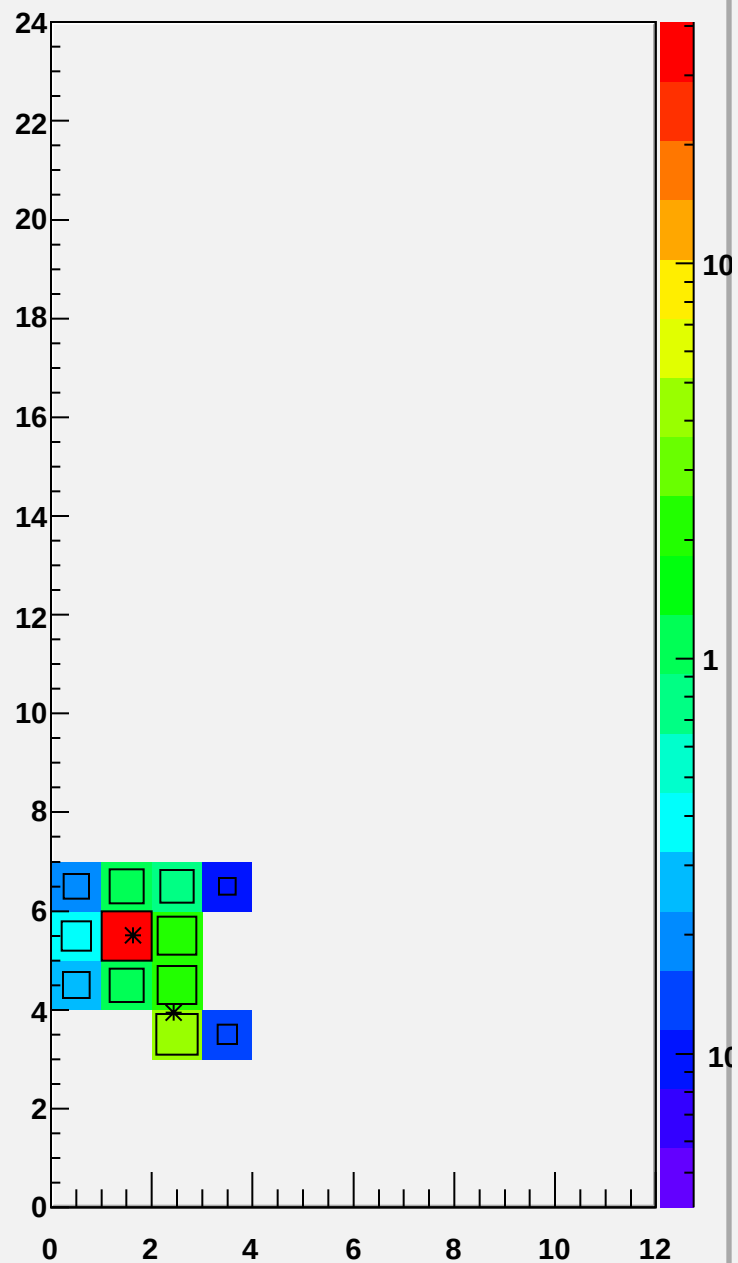
Mean x 3.944

Mean y 3.117

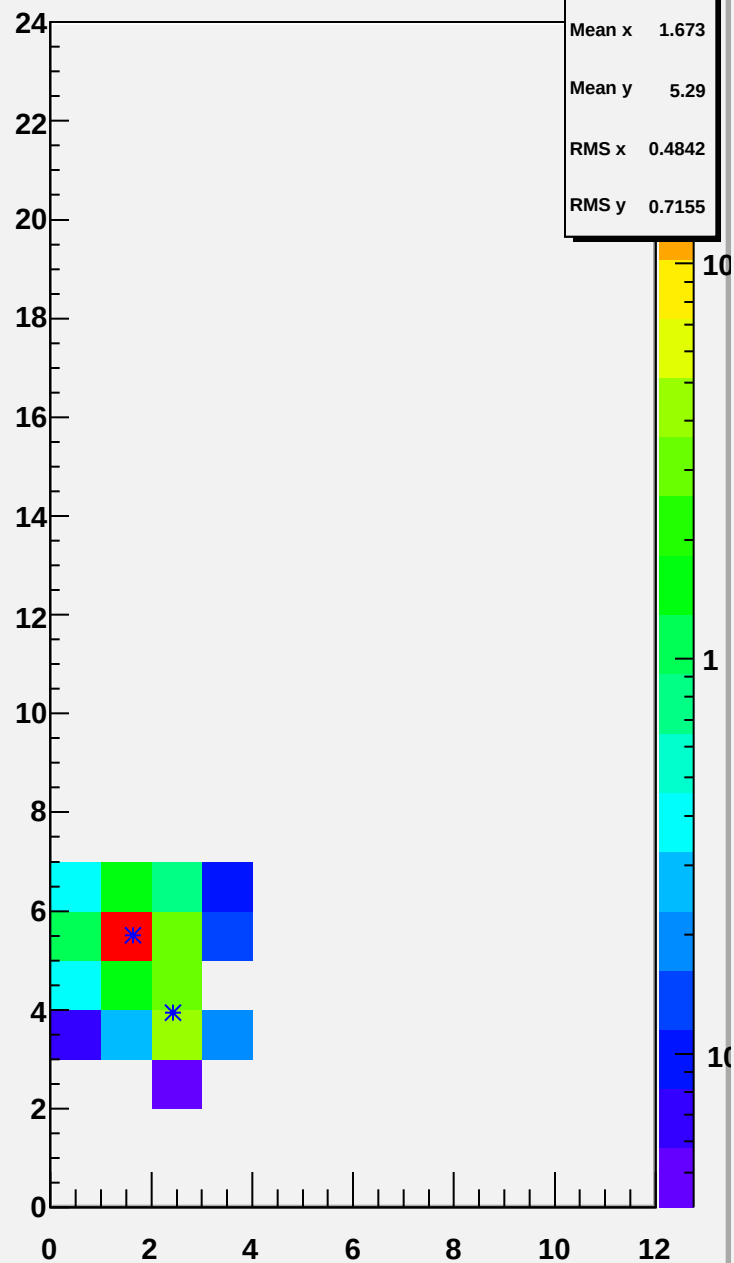
RMS x 1.565

RMS y 1.038

NSTB3_r4_c3_En=54.0_m0=0.191_m1=0.190_index=962



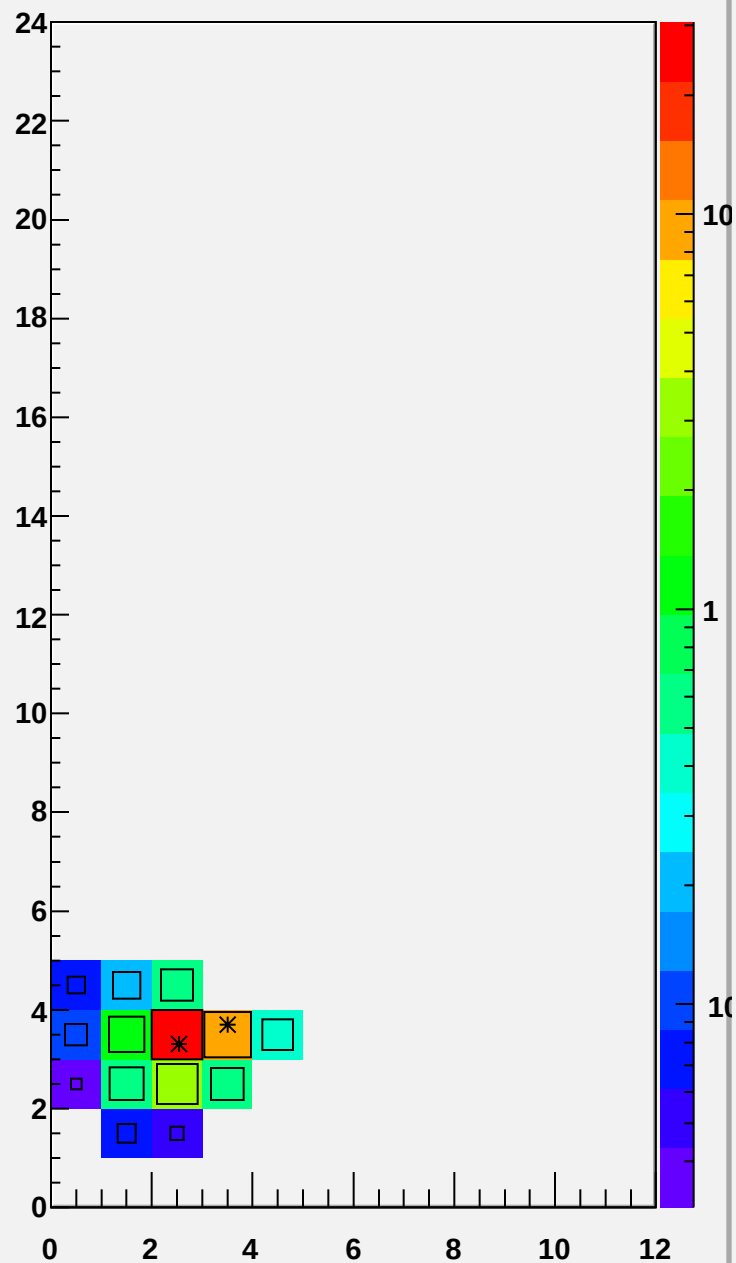
Fitted Energies



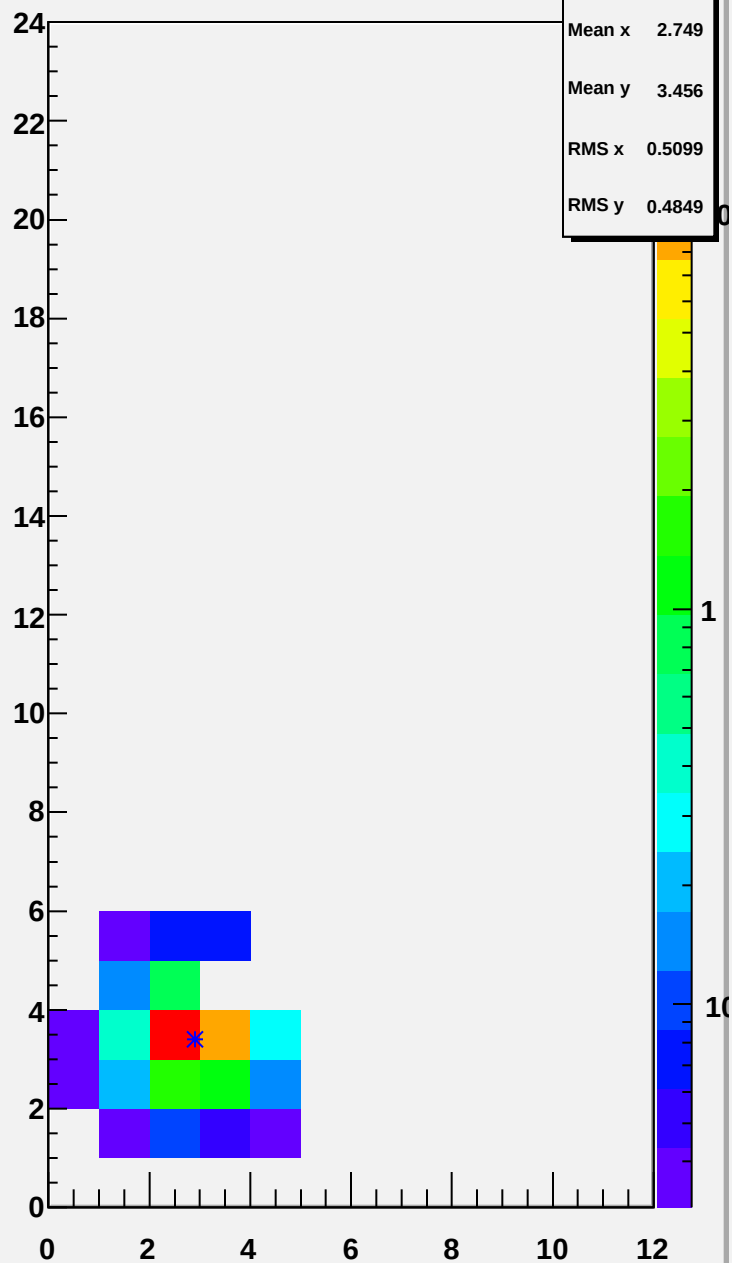
Efit

Entries	288
Mean x	1.673
Mean y	5.29
RMS x	0.4842
RMS y	0.7155

NSTB3_r4_c3_En=47.9_m0=0.119_m1=-0.010_index=963



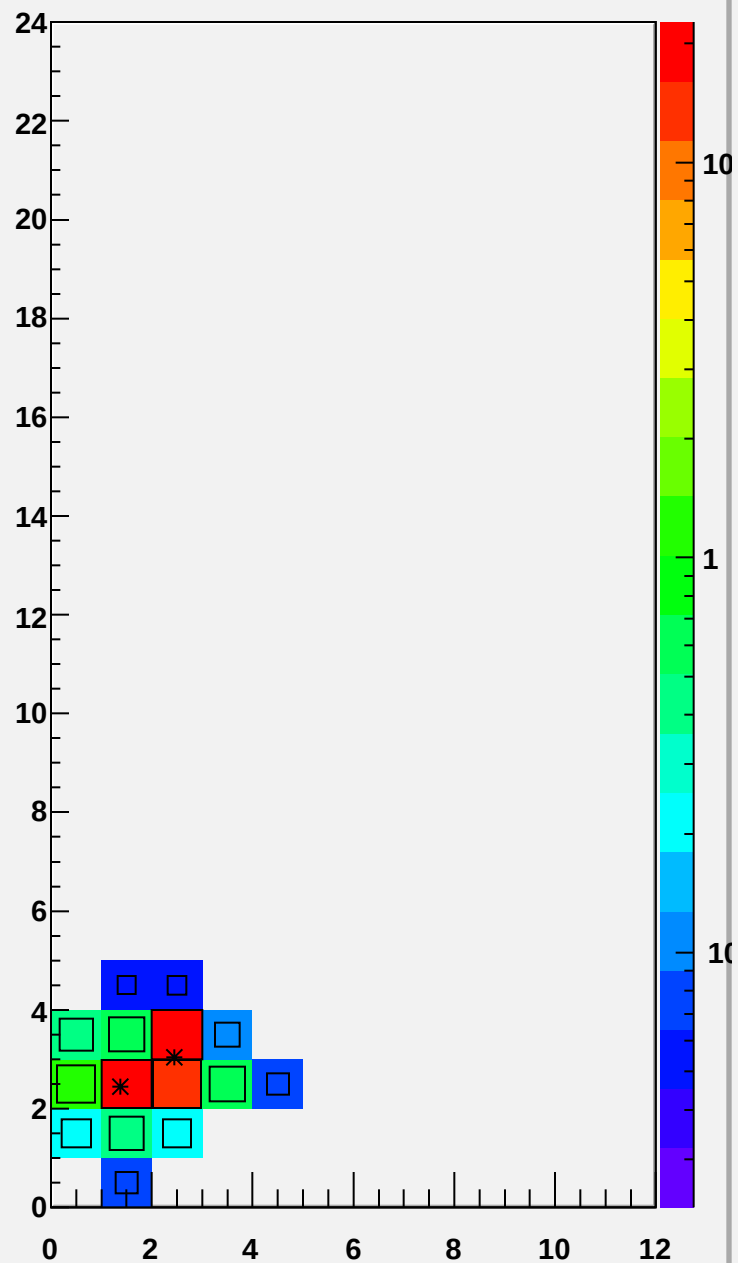
Fitted Energies



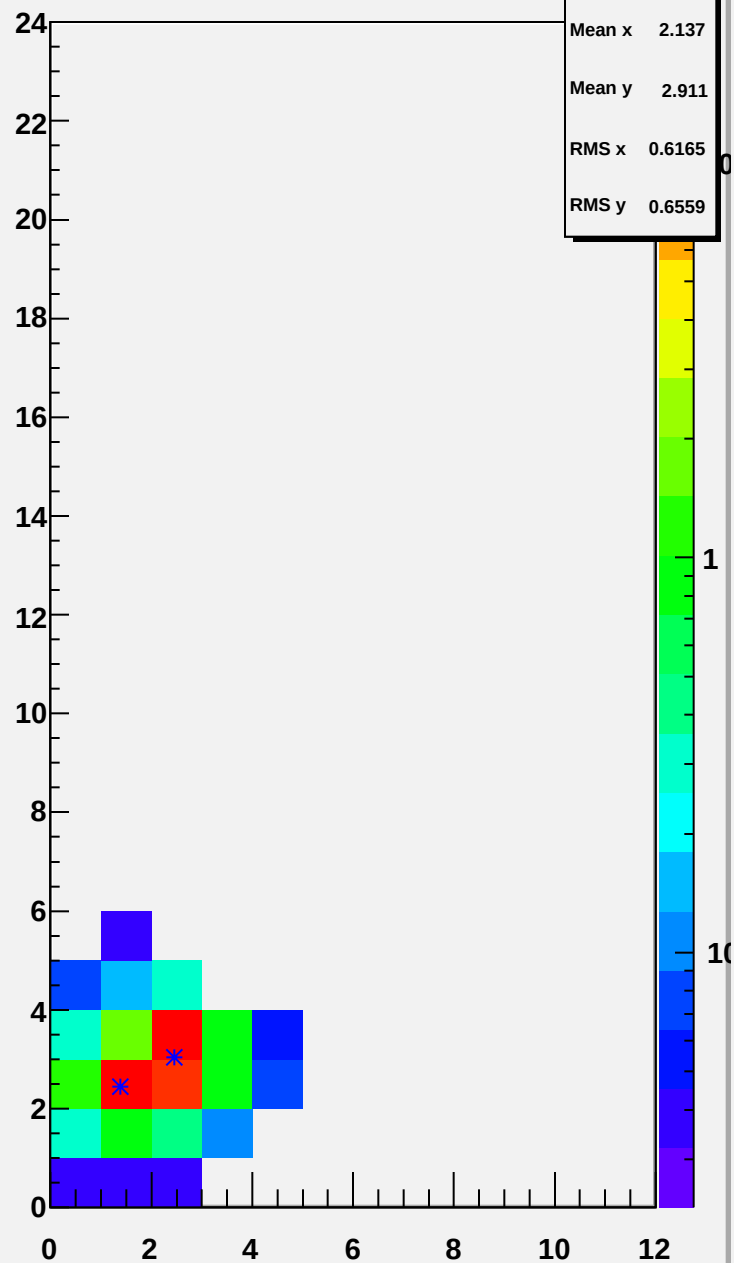
Efit

Entries	288
Mean x	2.749
Mean y	3.456
RMS x	0.5099
RMS y	0.4849

NSTB3_r4_c3_En=57.8_m0=0.182 m1=0.182 index=964



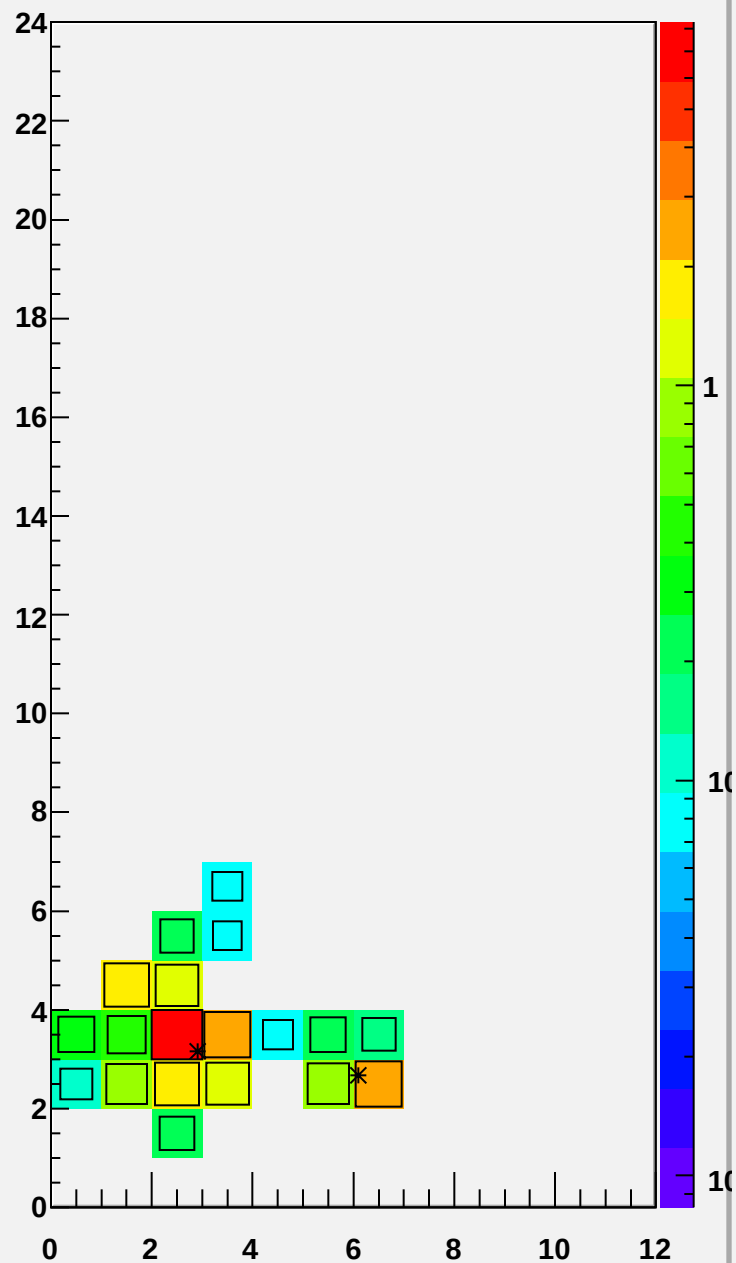
Fitted Energies



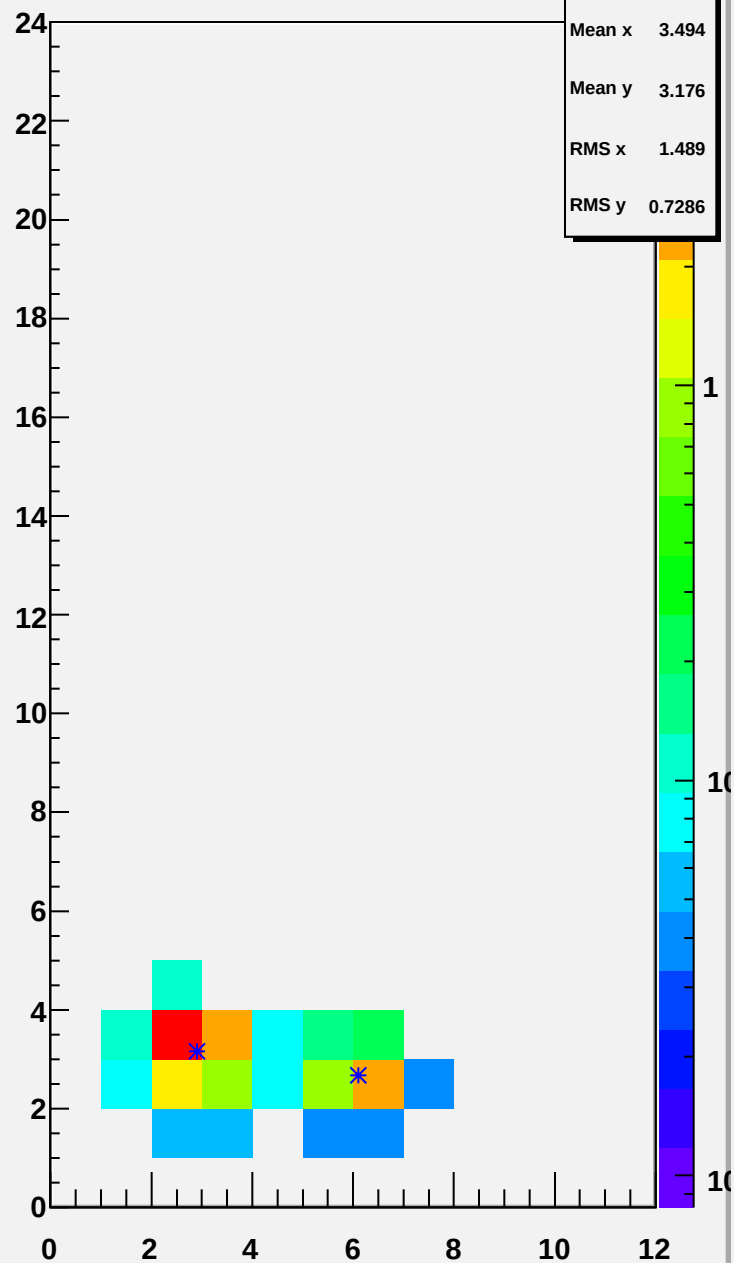
Efit

Entries	288
Mean x	2.137
Mean y	2.911
RMS x	0.6165
RMS y	0.6559

NSTB3_r4_c3_En=22.6_m0=0.134 m1=0.139 index=967



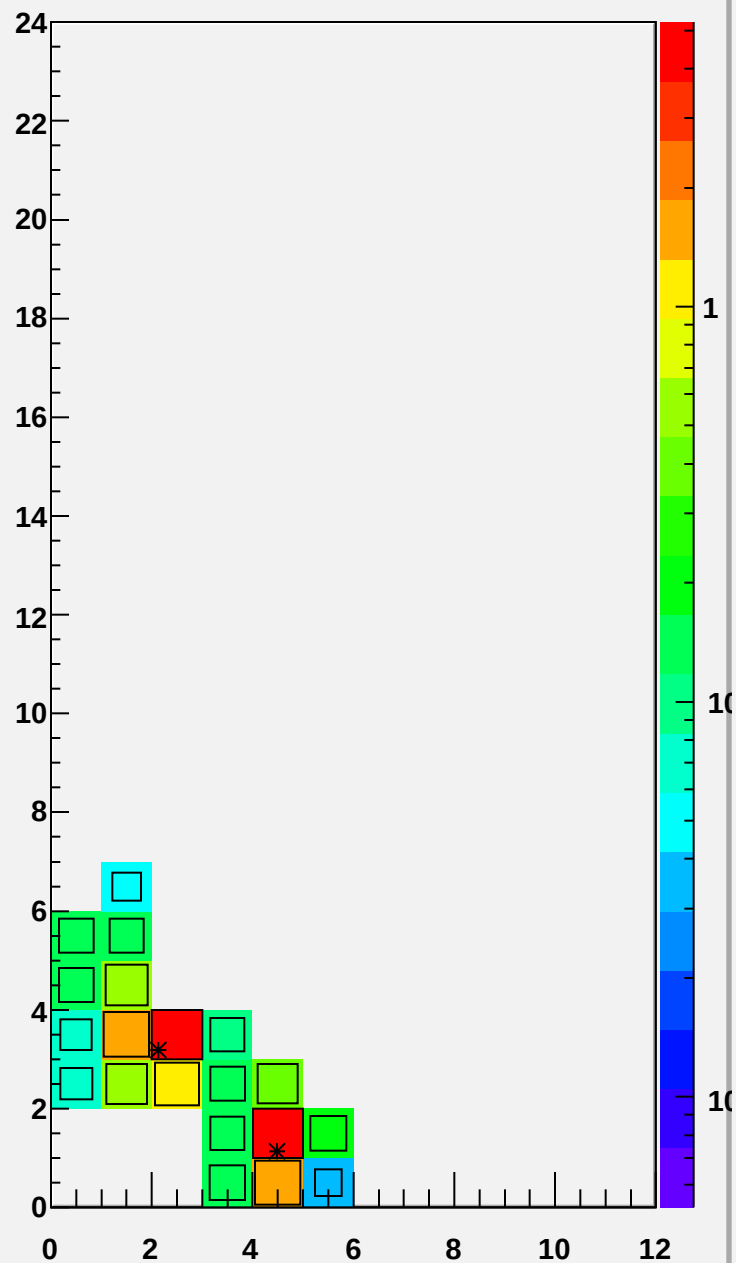
Fitted Energies



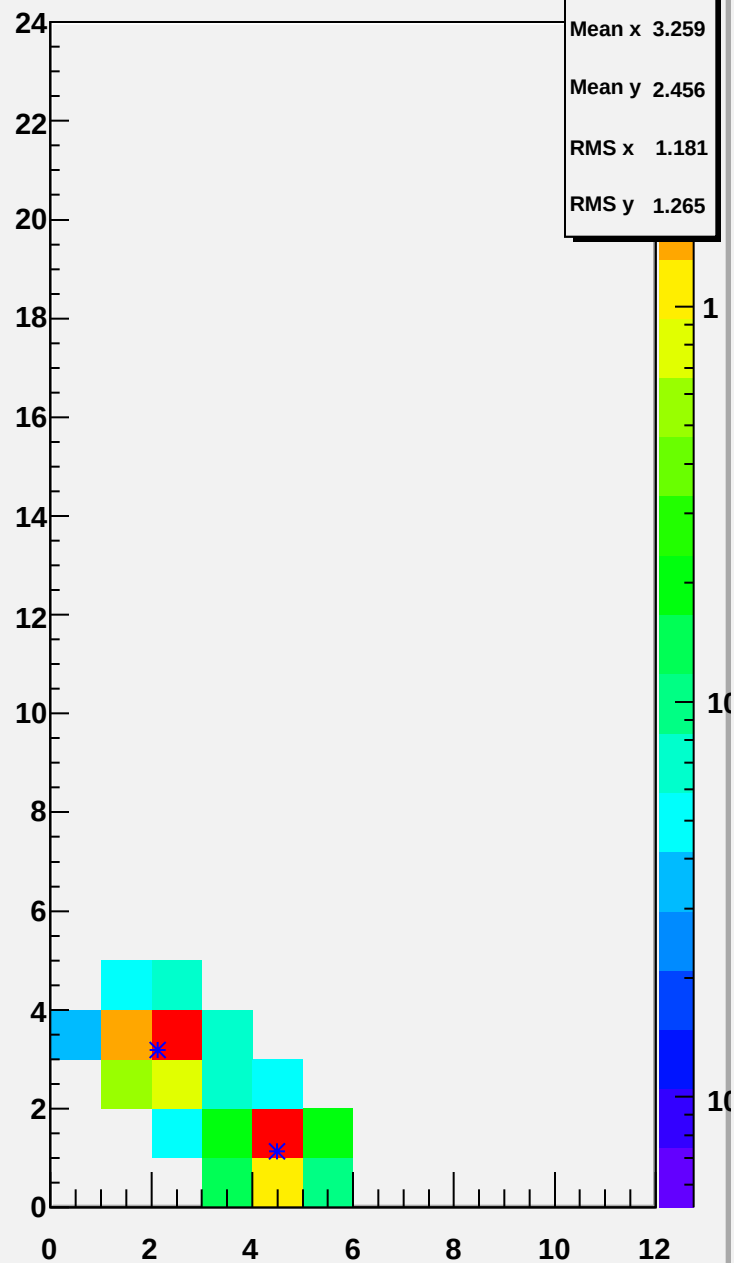
Efit

Entries	288
Mean x	3.494
Mean y	3.176
RMS x	1.489
RMS y	0.7286

NSTB3_r4_c3_En=16.6_m0=0.134_m1=0.134_index=969



Fitted Energies



Efit

Entries 288

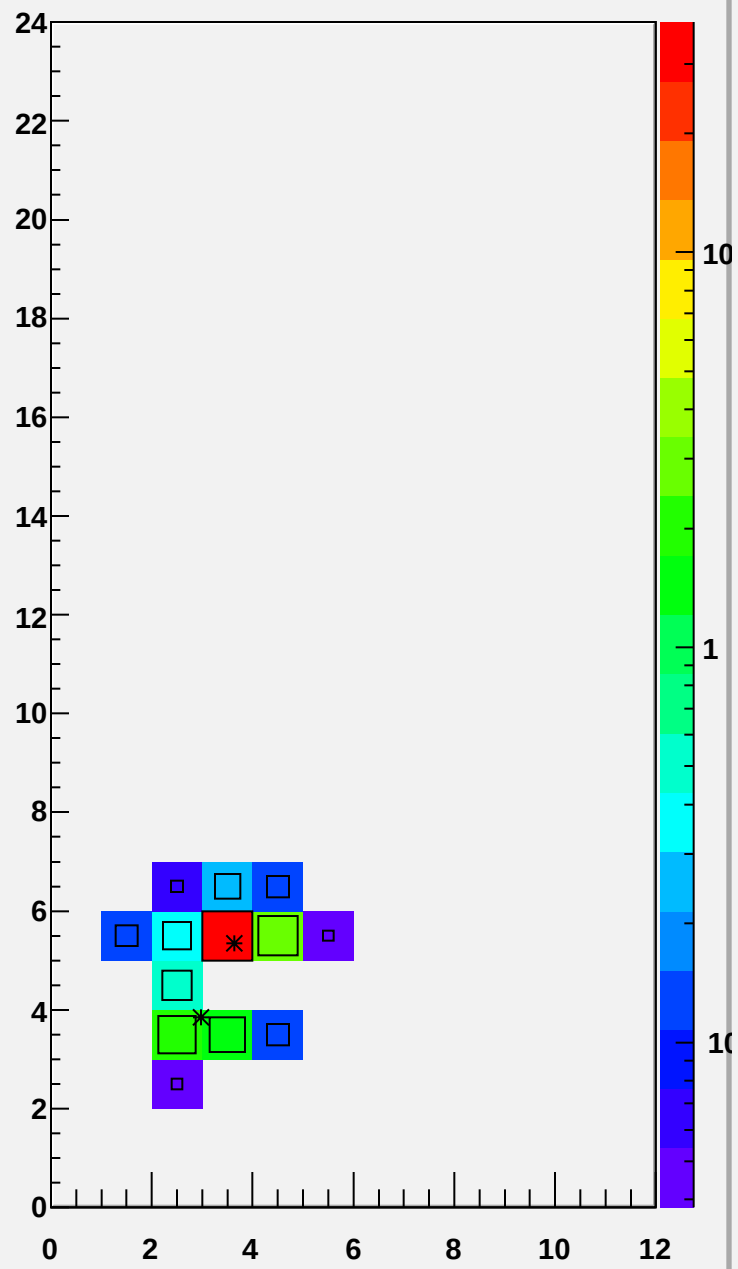
Mean x 3.259

Mean y 2.456

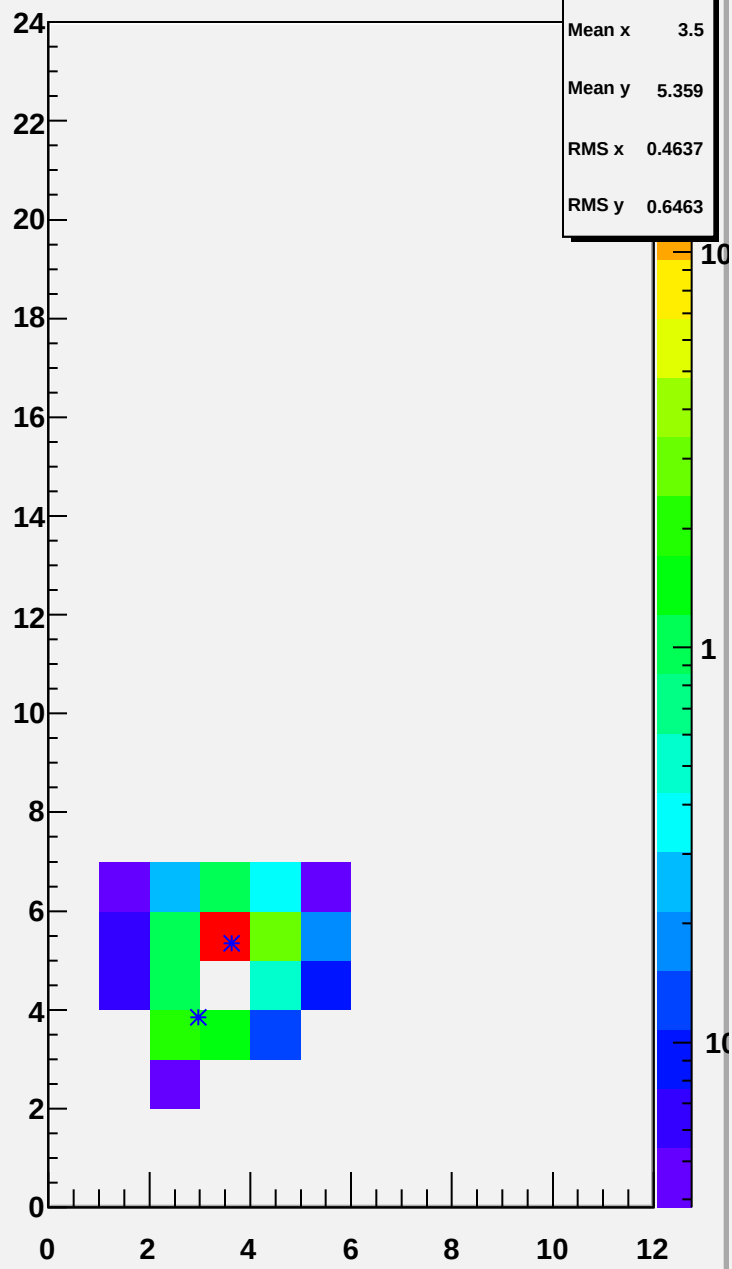
RMS x 1.181

RMS y 1.265

NSTB3_r4_c3_En=45.7_m0=0.125_m1=0.125_index=970



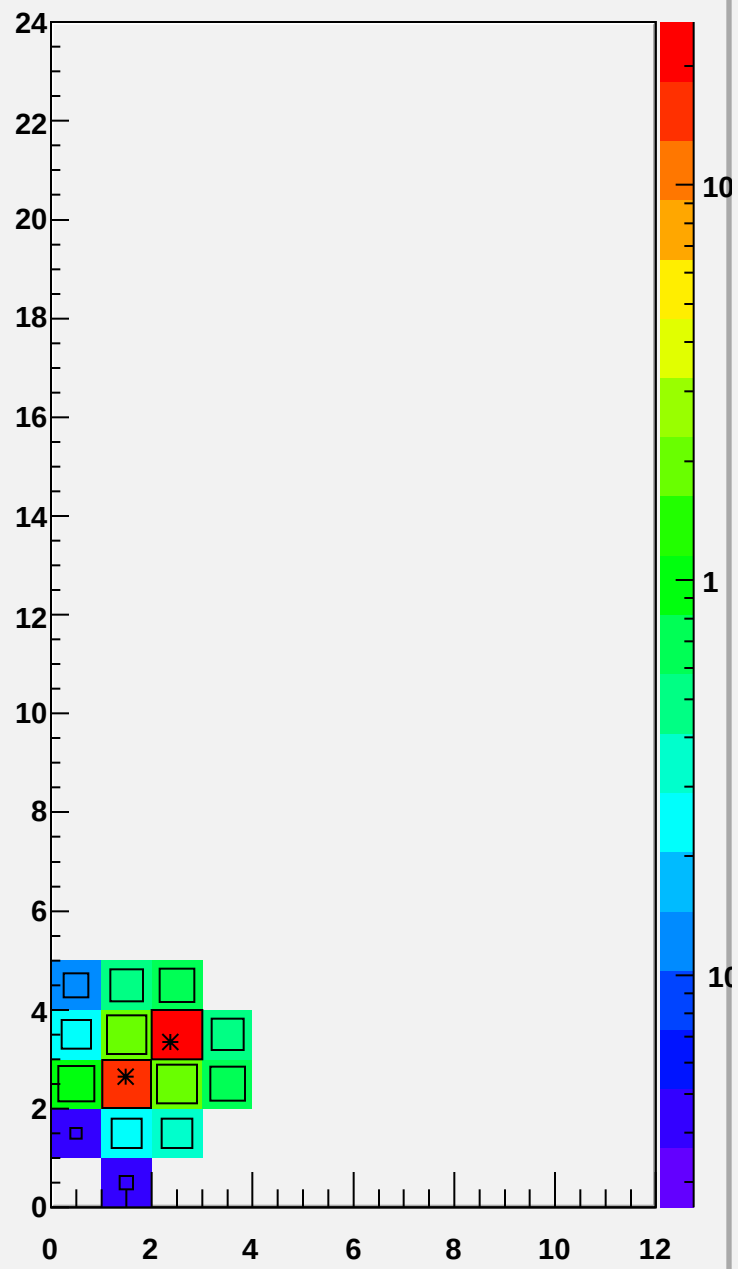
Fitted Energies



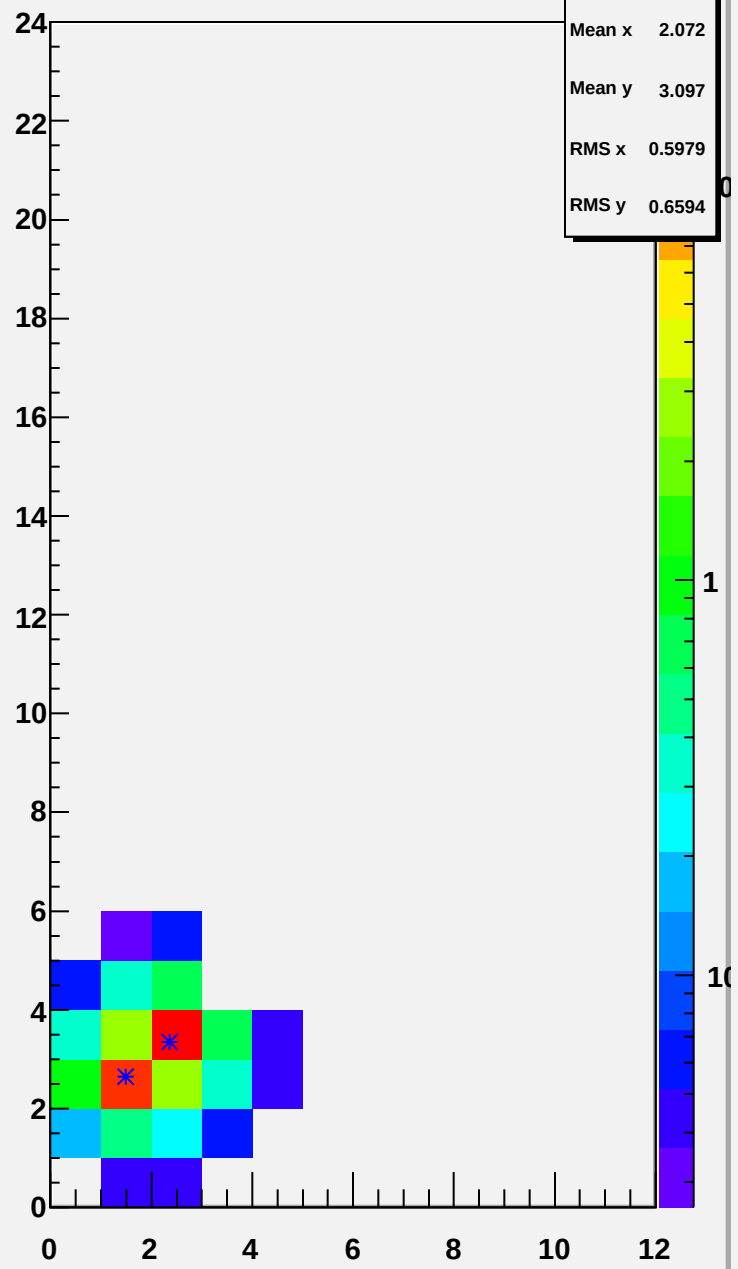
Efit

Entries	288
Mean x	3.5
Mean y	5.359
RMS x	0.4637
RMS y	0.6463

NSTB3_r4_c3_En=50.6_m0=0.160_m1=0.160_index=971



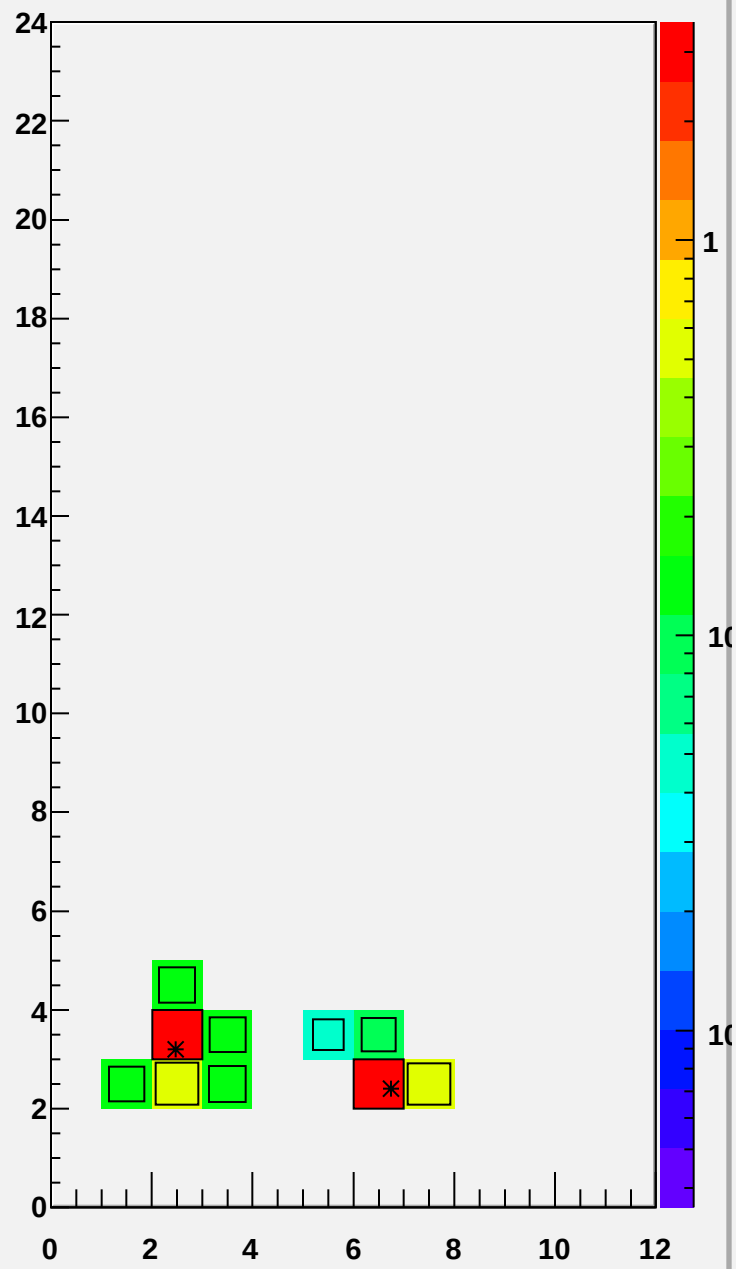
Fitted Energies



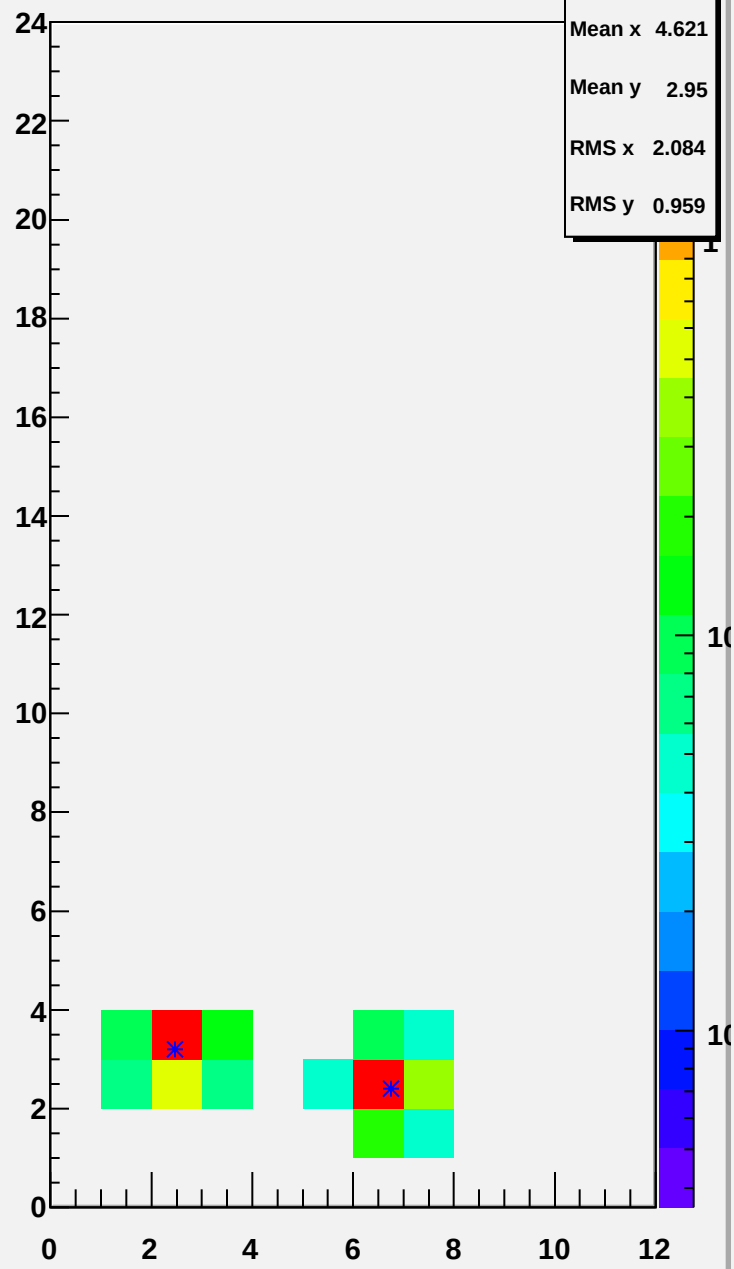
Efit

Entries	288
Mean x	2.072
Mean y	3.097
RMS x	0.5979
RMS y	0.6594

NSTB3_r4_c3_En= 8.4_m0=0.105 m1=0.105 index=972



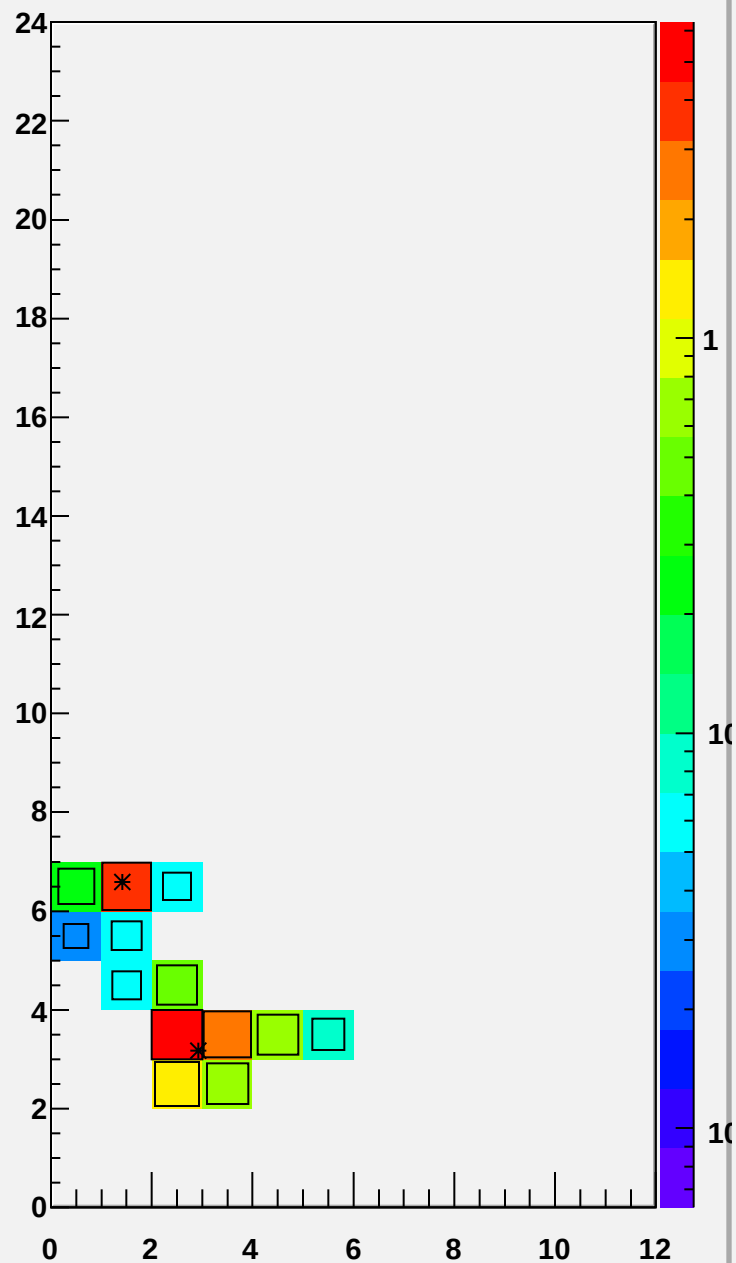
Fitted Energies



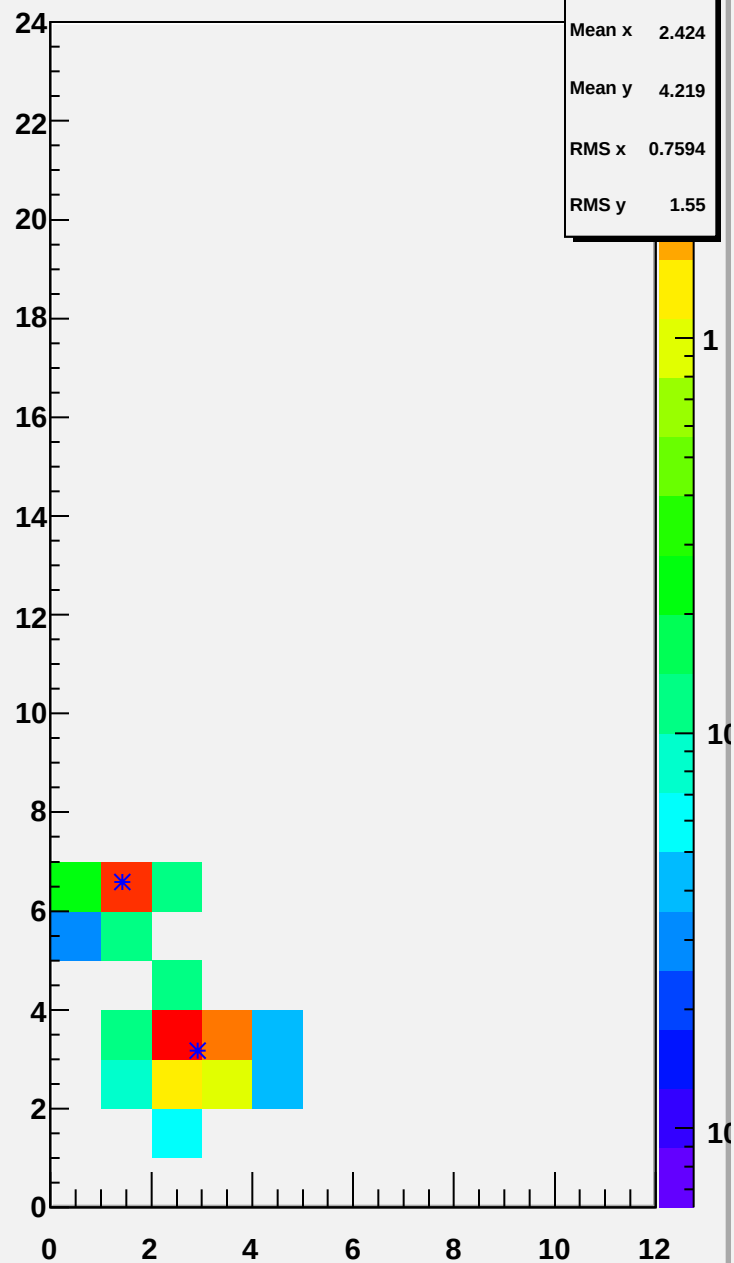
Efit

Entries 288
Mean x 4.621
Mean y 2.95
RMS x 2.084
RMS y 0.959

NSTB3_r4_c3_En=16.5_m0=0.153 m1=0.153 index=975



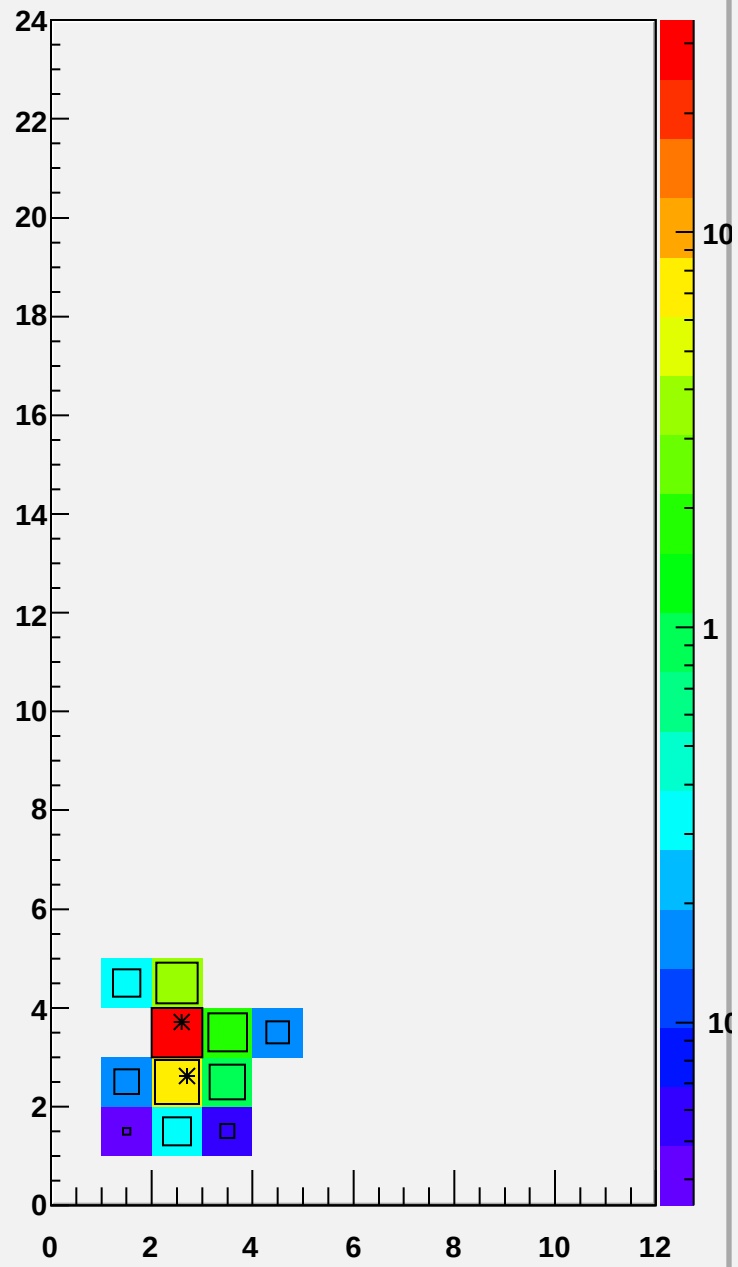
Fitted Energies



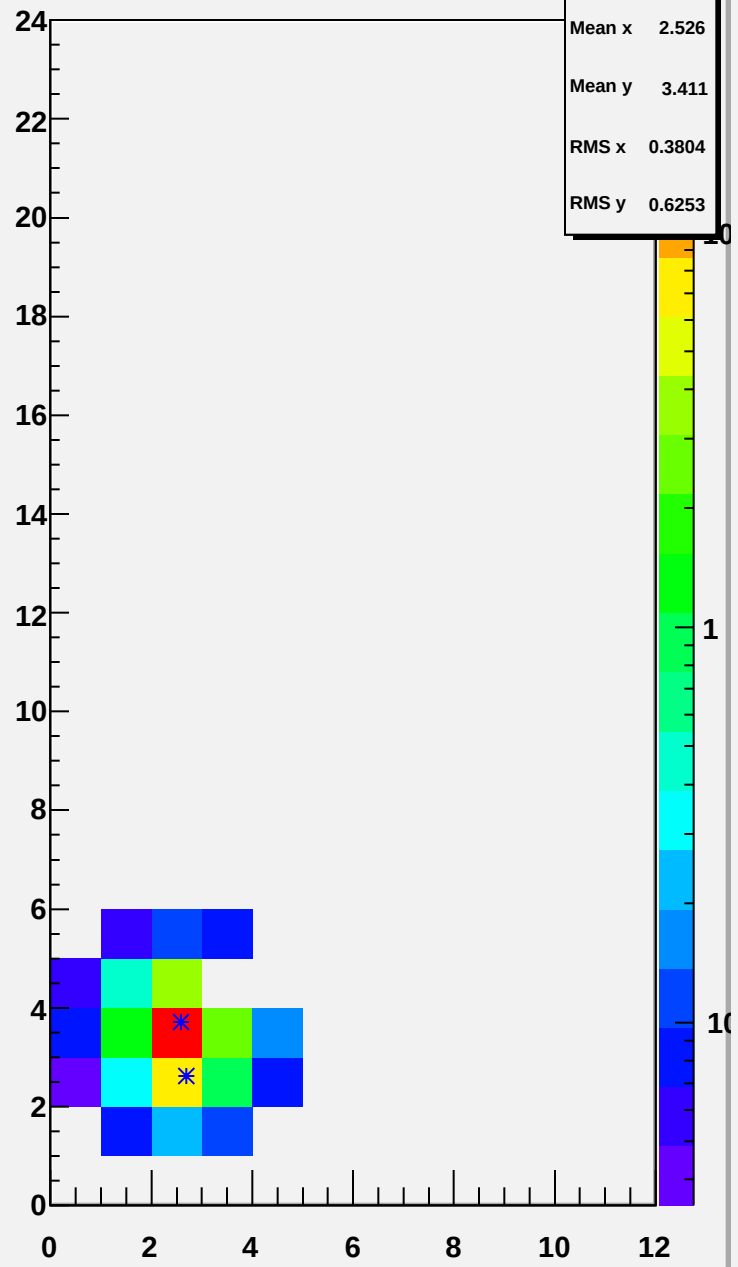
Efit

Entries	288
Mean x	2.424
Mean y	4.219
RMS x	0.7594
RMS y	1.55

NSTB3_r4_c3_En=49.6_m0=0.116_m1=0.116_index=976



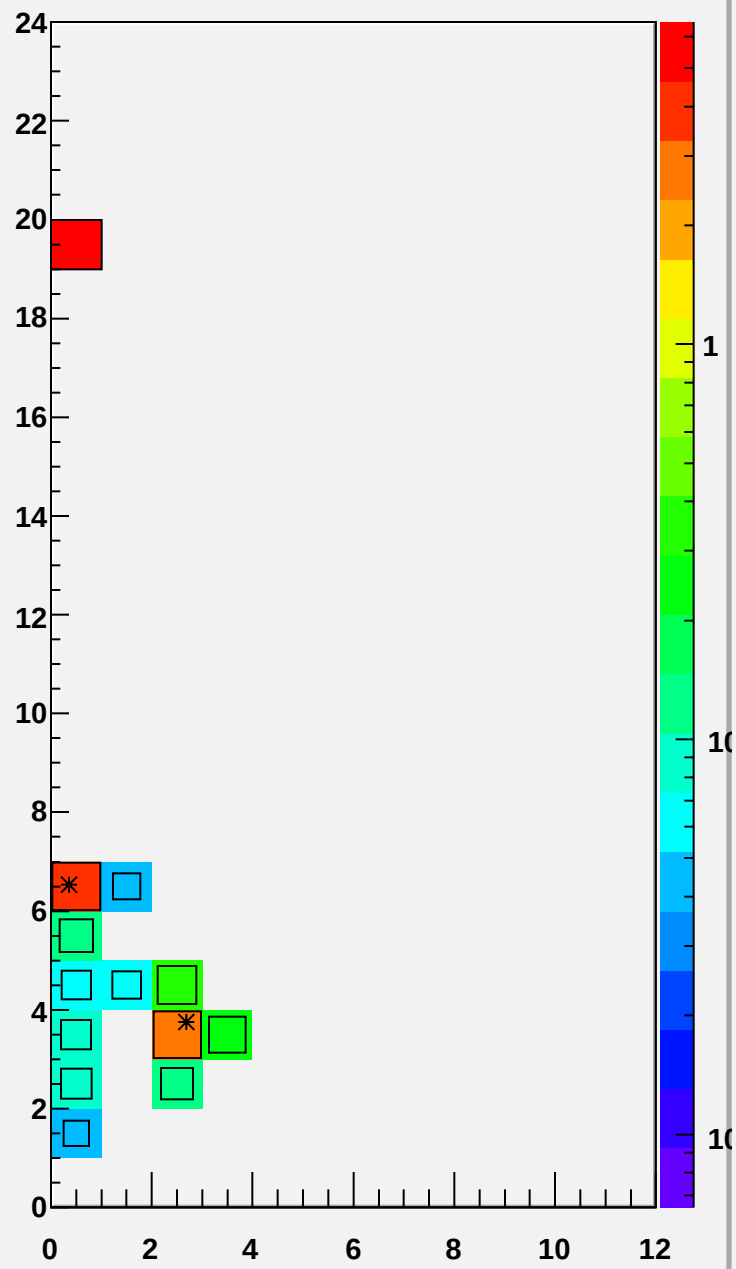
Fitted Energies



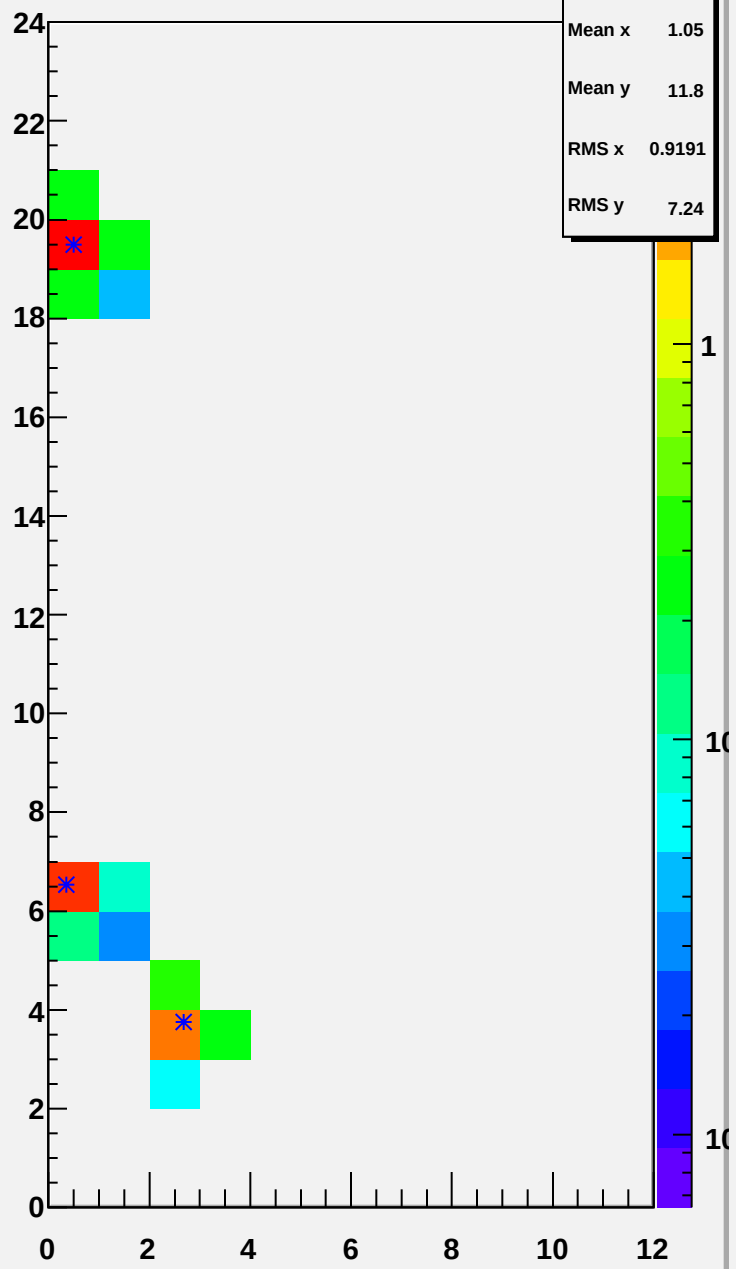
Efit

Entries	288
Mean x	2.526
Mean y	3.411
RMS x	0.3804
RMS y	0.6253

NSTB3_r4_c3_En=14.5_m0=0.085 m1=0.085 index=978



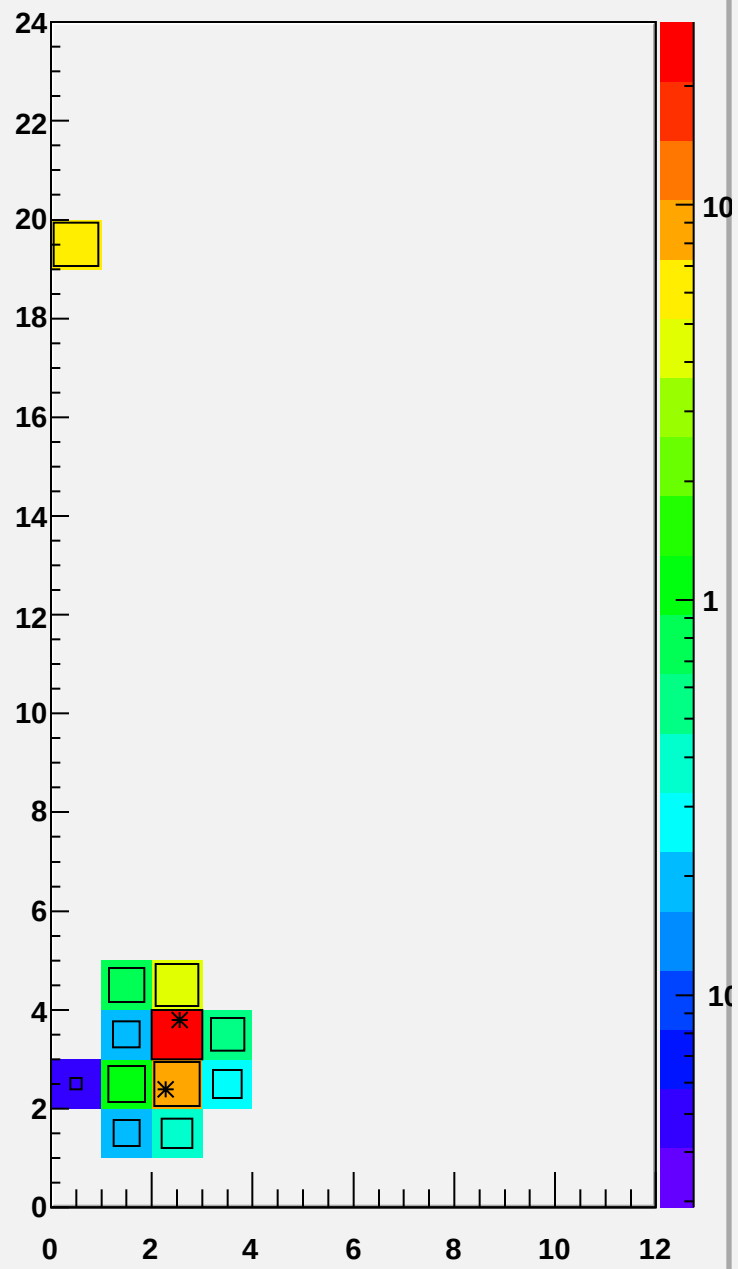
Fitted Energies



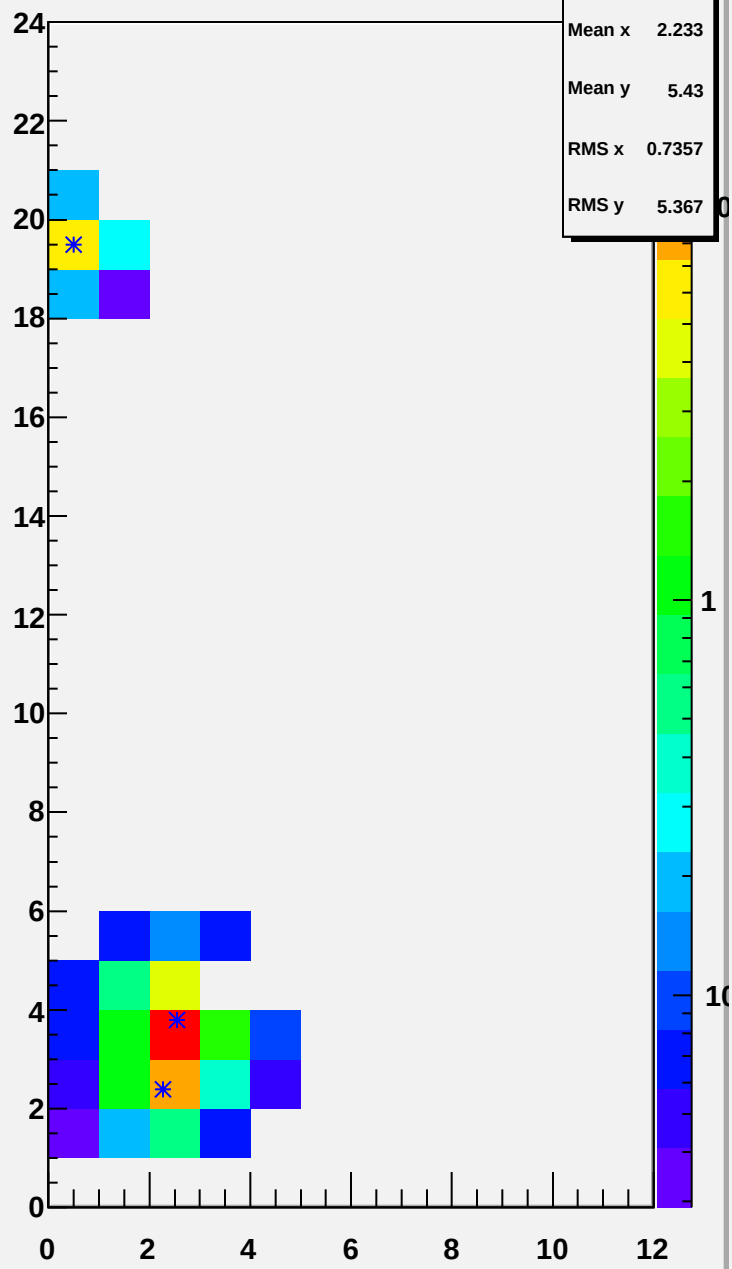
Efit

Entries	288
Mean x	1.05
Mean y	11.8
RMS x	0.9191
RMS y	7.24

NSTB3_r4_c3_En=51.3_m0=0.144_m1=0.144_index=979



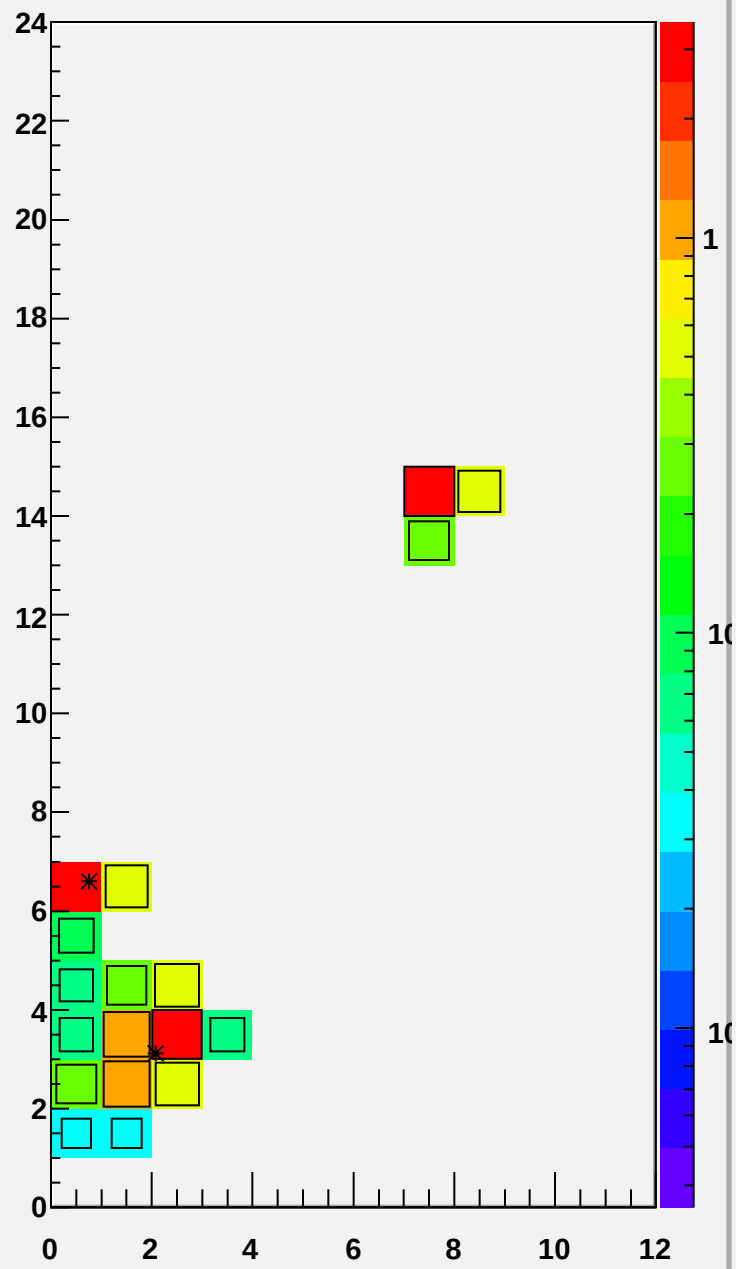
Fitted Energies



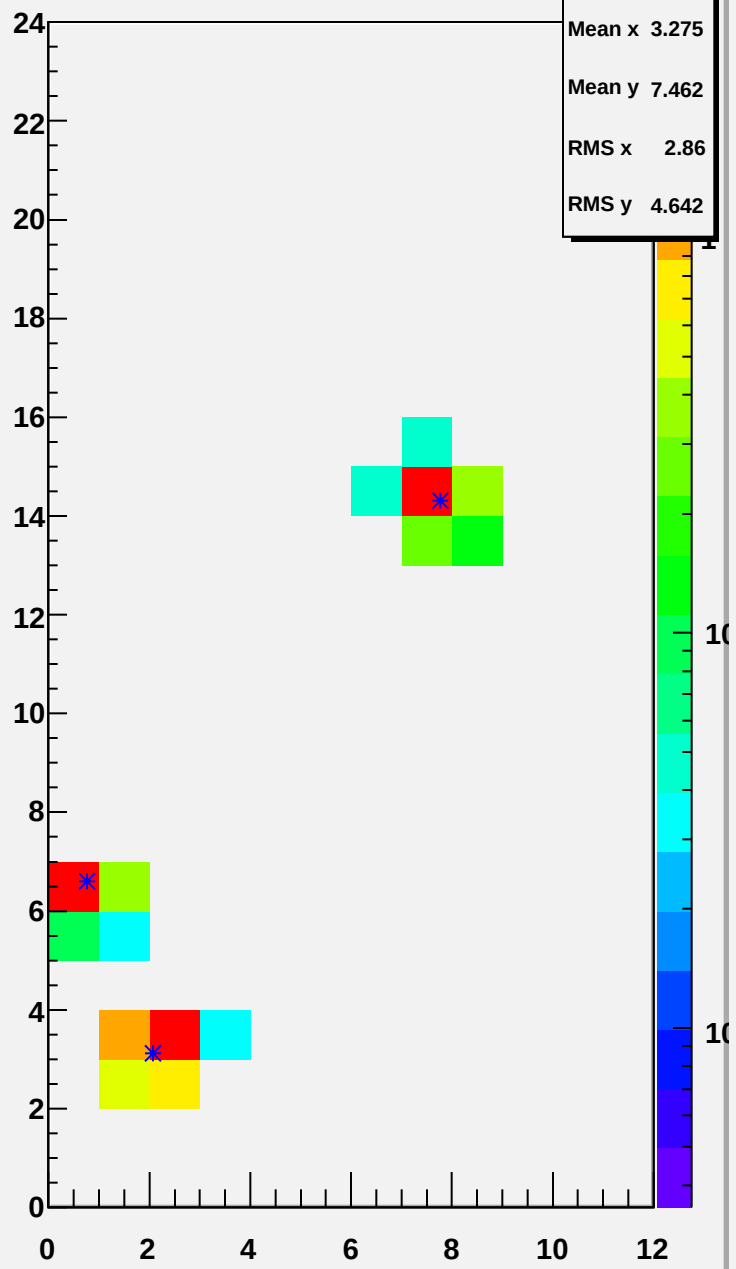
Efit

Entries	288
Mean x	2.233
Mean y	5.43
RMS x	0.7357
RMS y	5.367

NSTB3_r4_c3_En=15.1_m0=0.106 m1=0.106 index=980



Fitted Energies



Efit

Entries 288

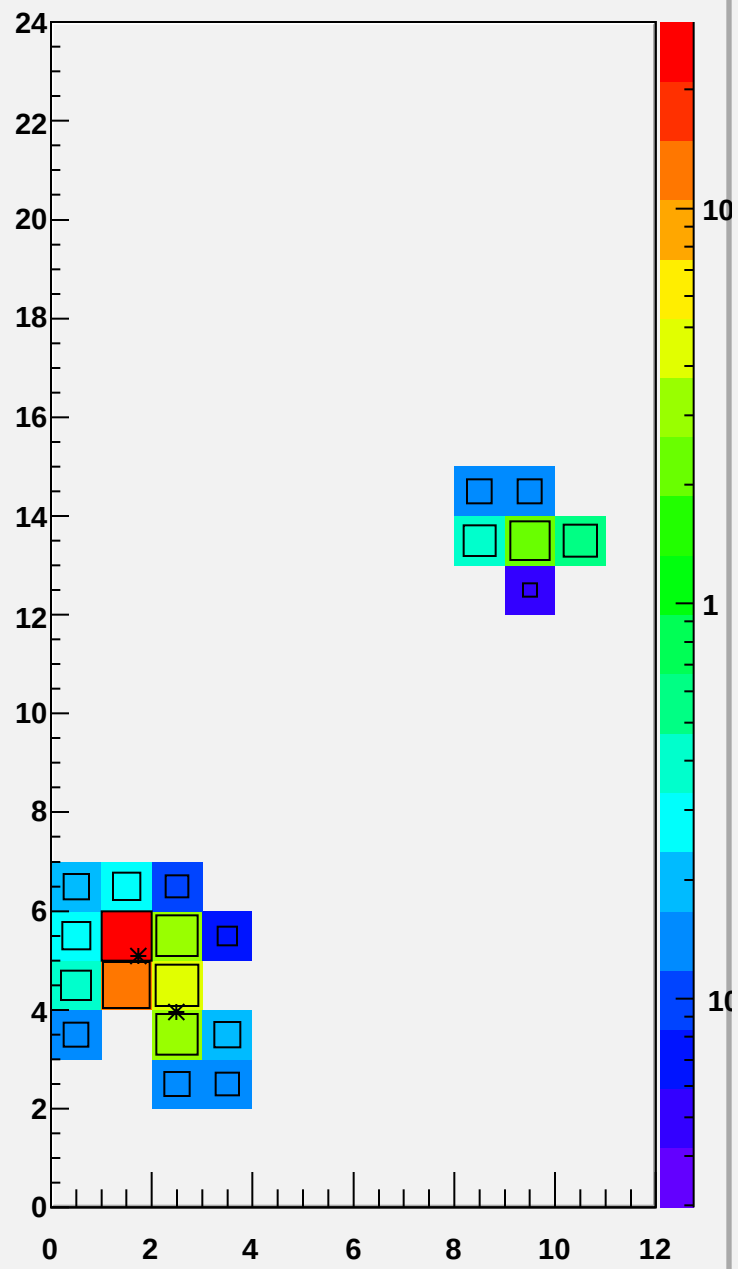
Mean x 3.275

Mean y 7.462

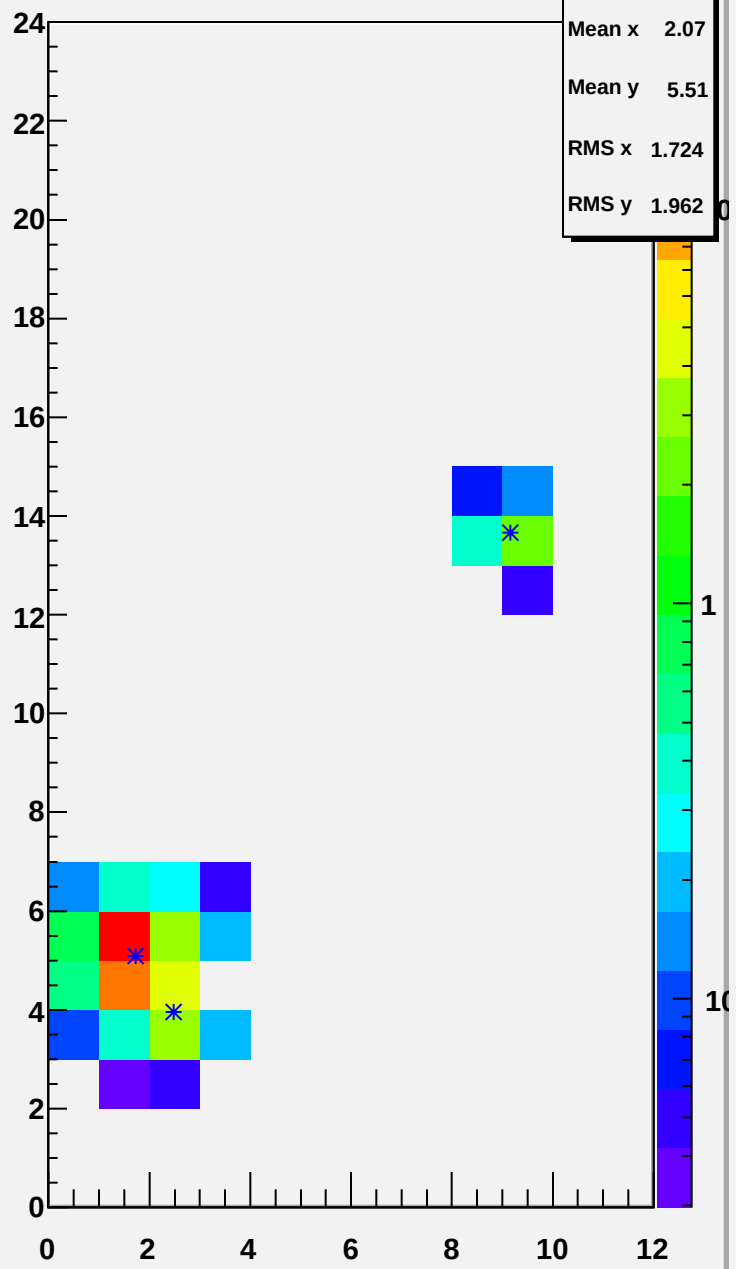
RMS x 2.86

RMS y 4.642

NSTB3_r4_c3_En=56.2_m0=0.120_m1=0.120_index=981



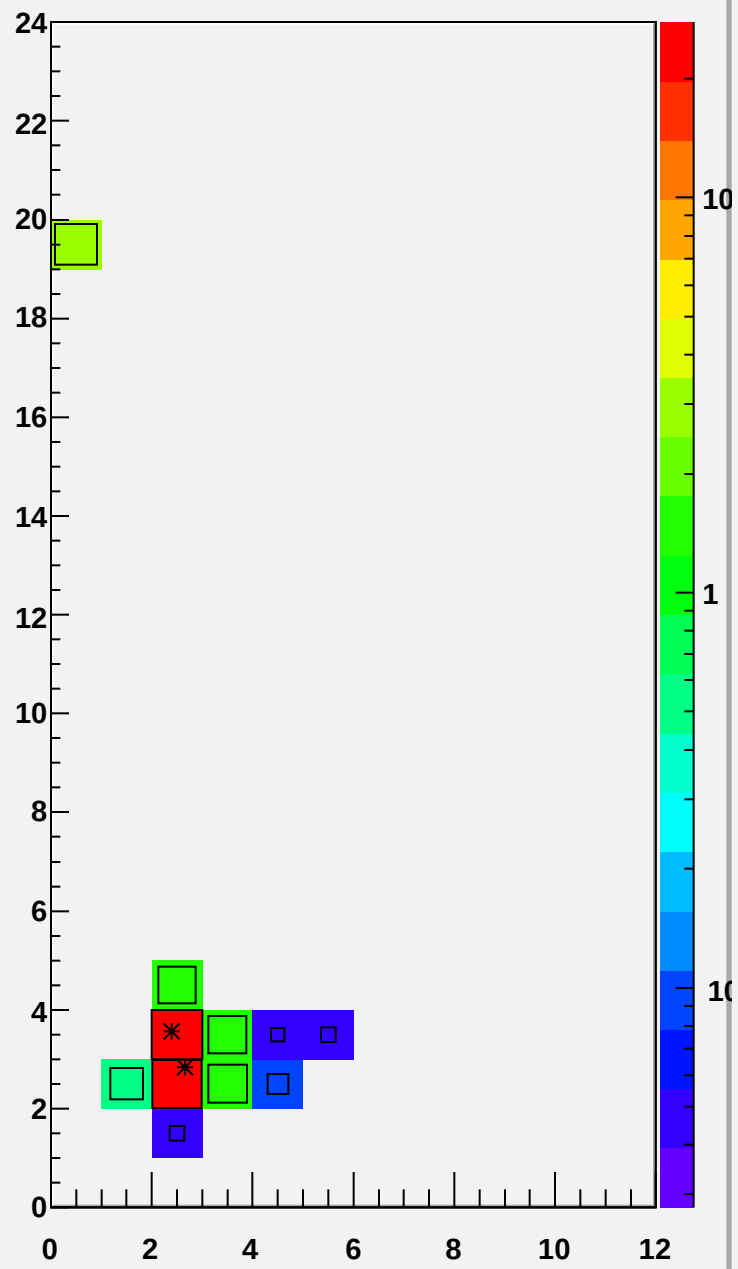
Fitted Energies



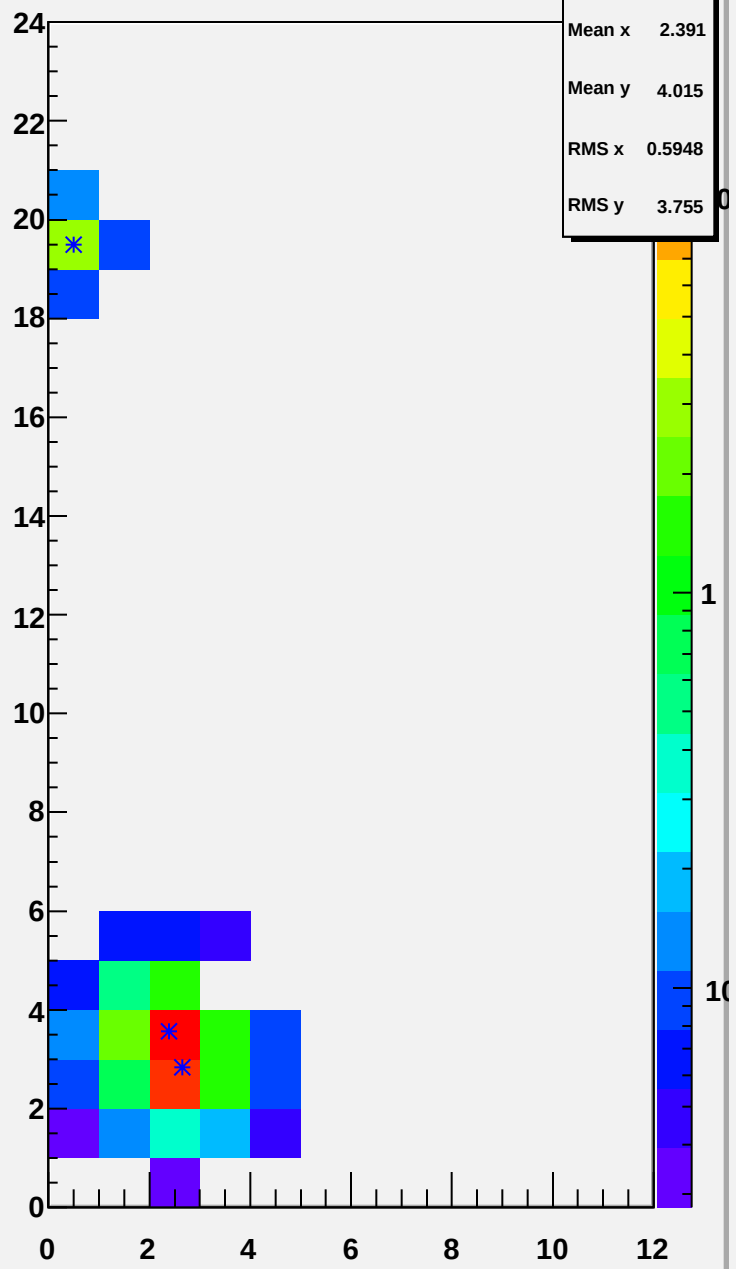
Efit

Entries	288
Mean x	2.07
Mean y	5.51
RMS x	1.724
RMS y	1.962

NSTB3_r4_c3_En=55.6_m0=0.117 m1=0.118 index=982



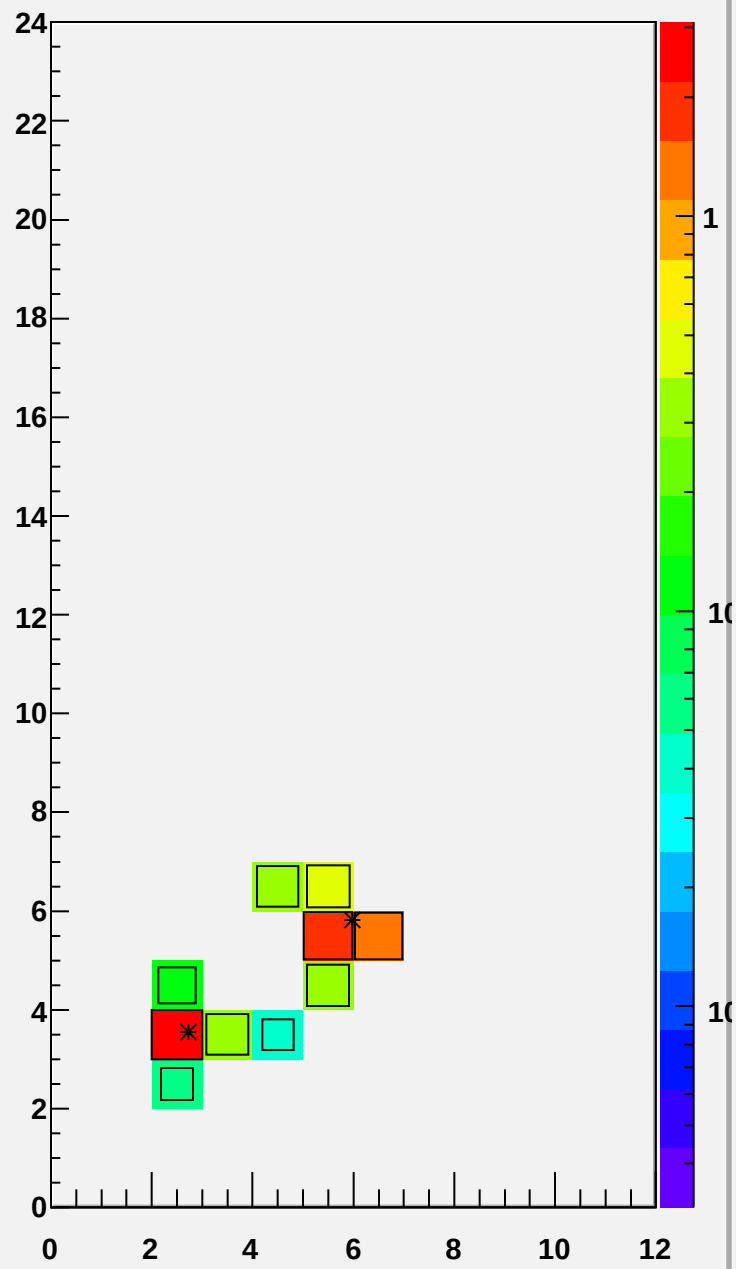
Fitted Energies



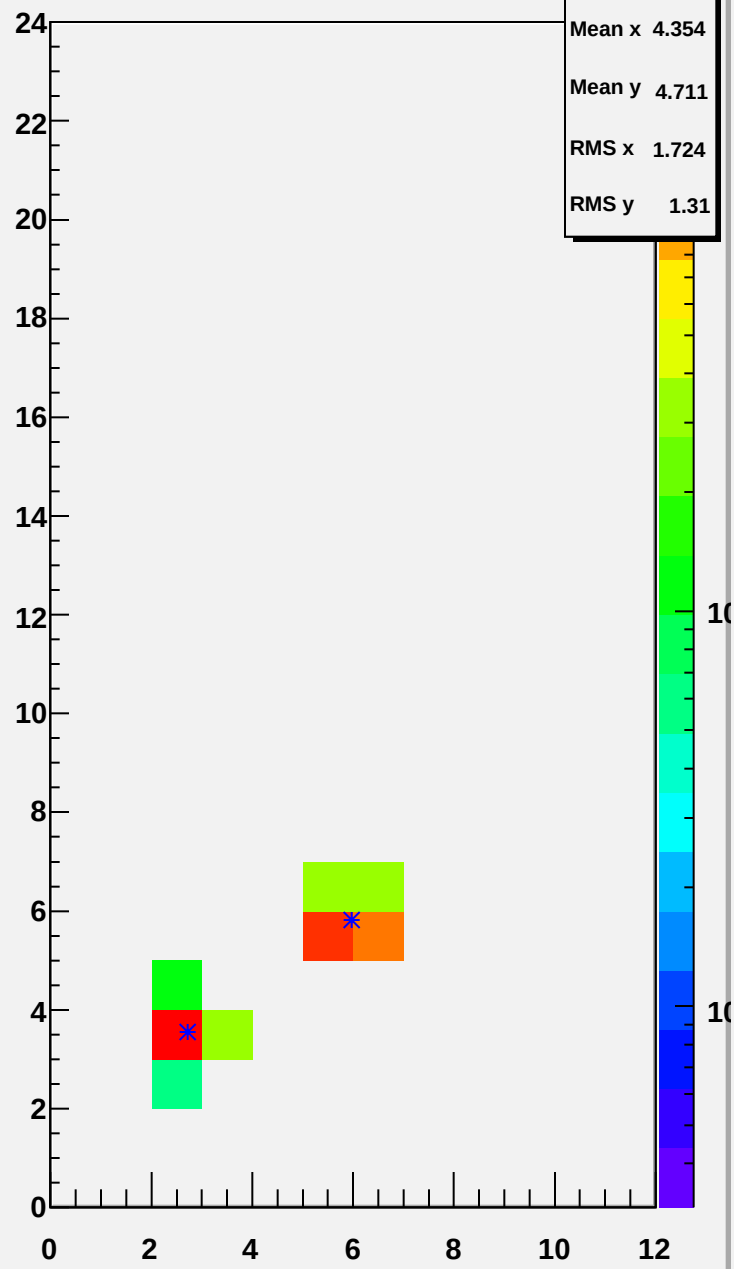
Efit

Entries	288
Mean x	2.391
Mean y	4.015
RMS x	0.5948
RMS y	3.755

NSTB3_r4_c3_En= 8.1_m0=0.090 m1=0.090 index=983



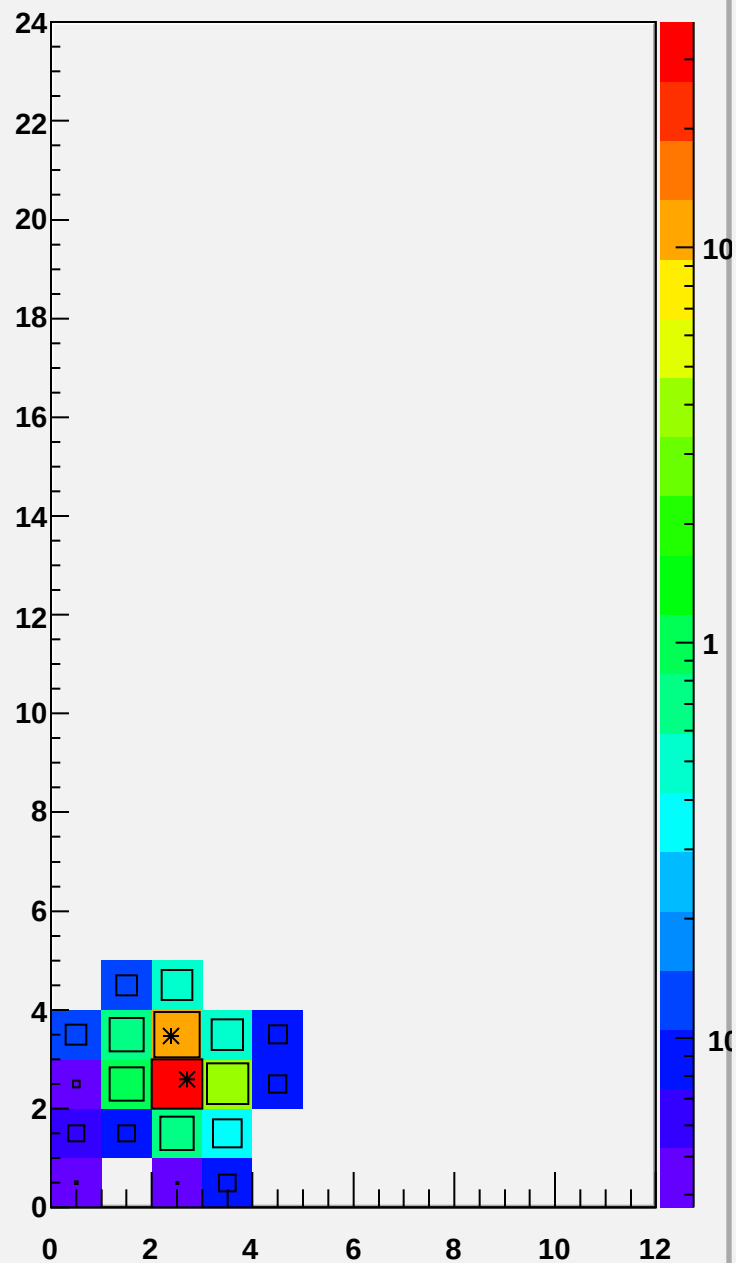
Fitted Energies



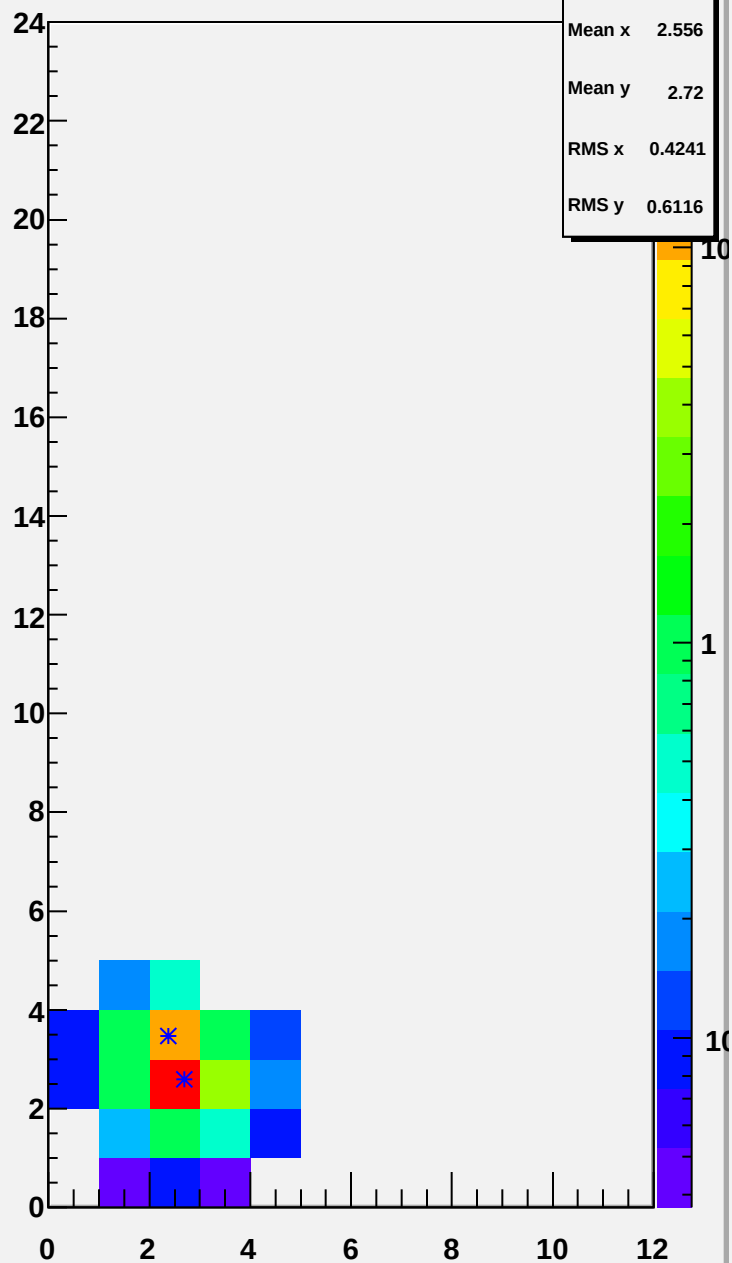
Efit

Entries 288
Mean x 4.354
Mean y 4.711
RMS x 1.724
RMS y 1.31

NSTB3_r4_c3_En=57.2_m0=0.114_m1=0.115_index=984



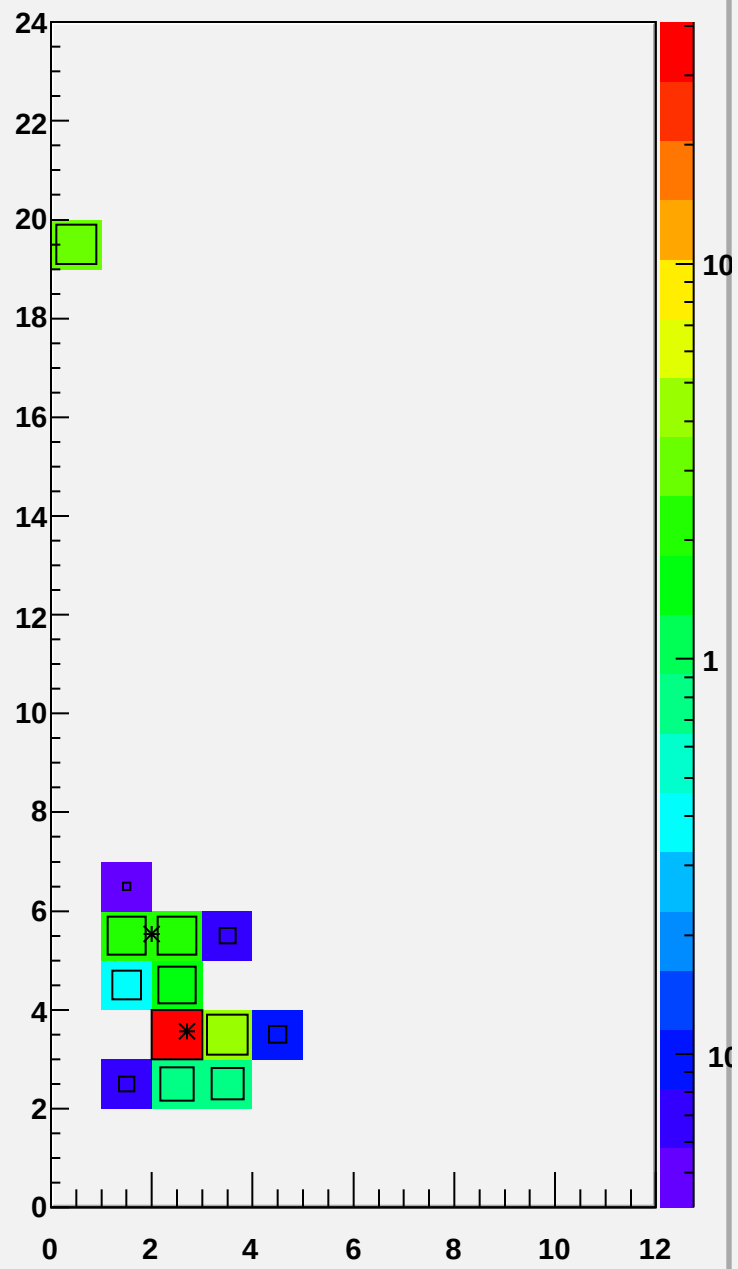
Fitted Energies



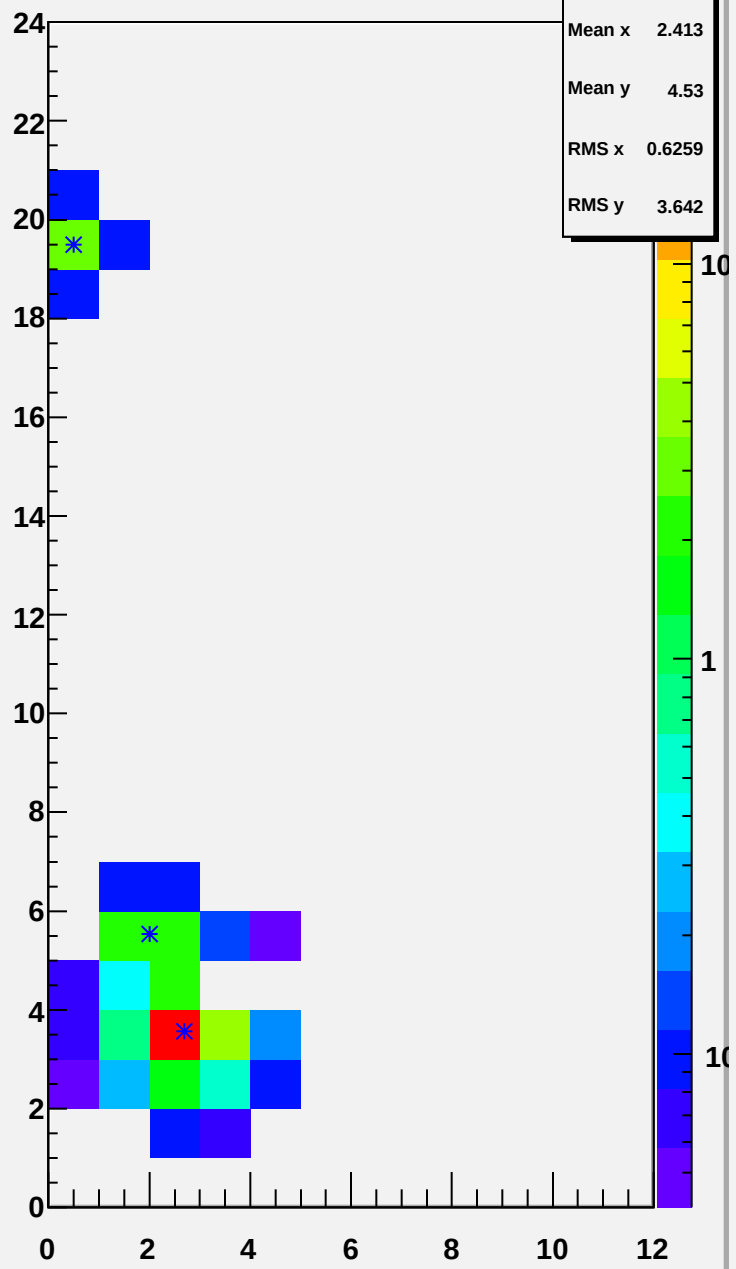
Efit

Entries	288
Mean x	2.556
Mean y	2.72
RMS x	0.4241
RMS y	0.6116

NSTB3_r4_c3_En=56.7_m0=0.176 m1=0.176 index=985



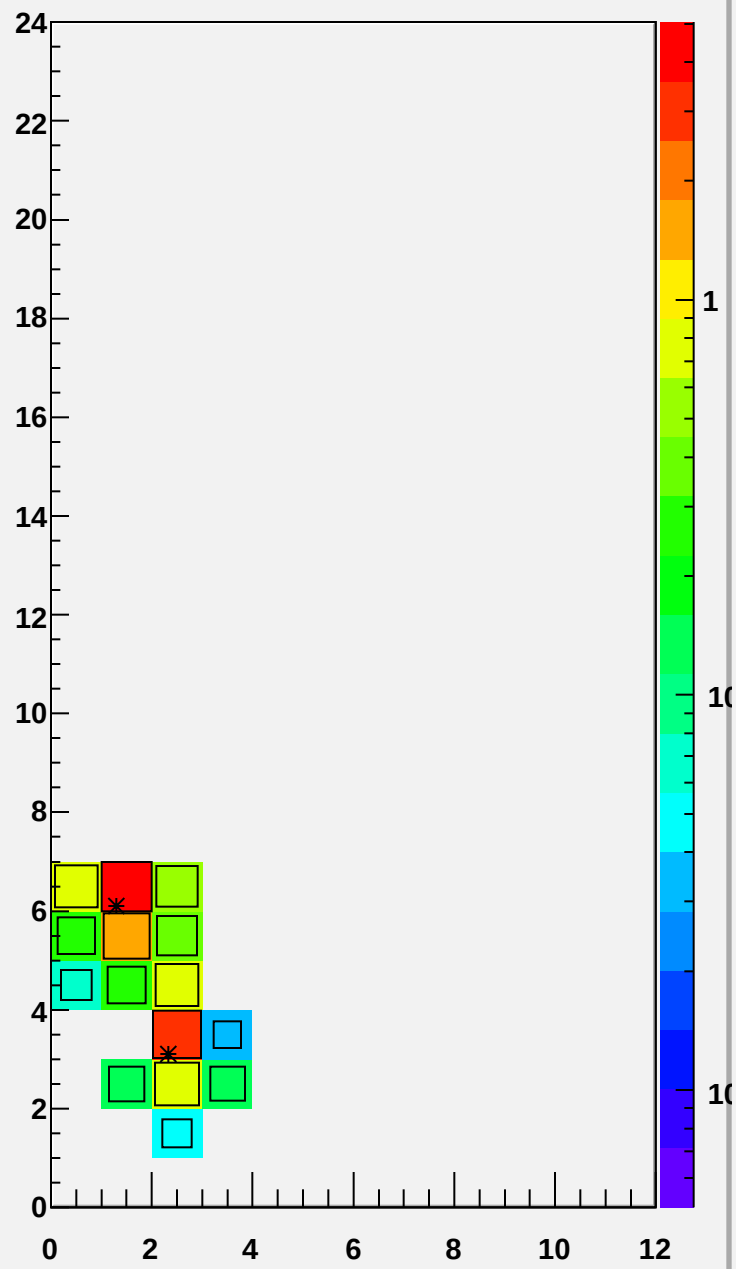
Fitted Energies



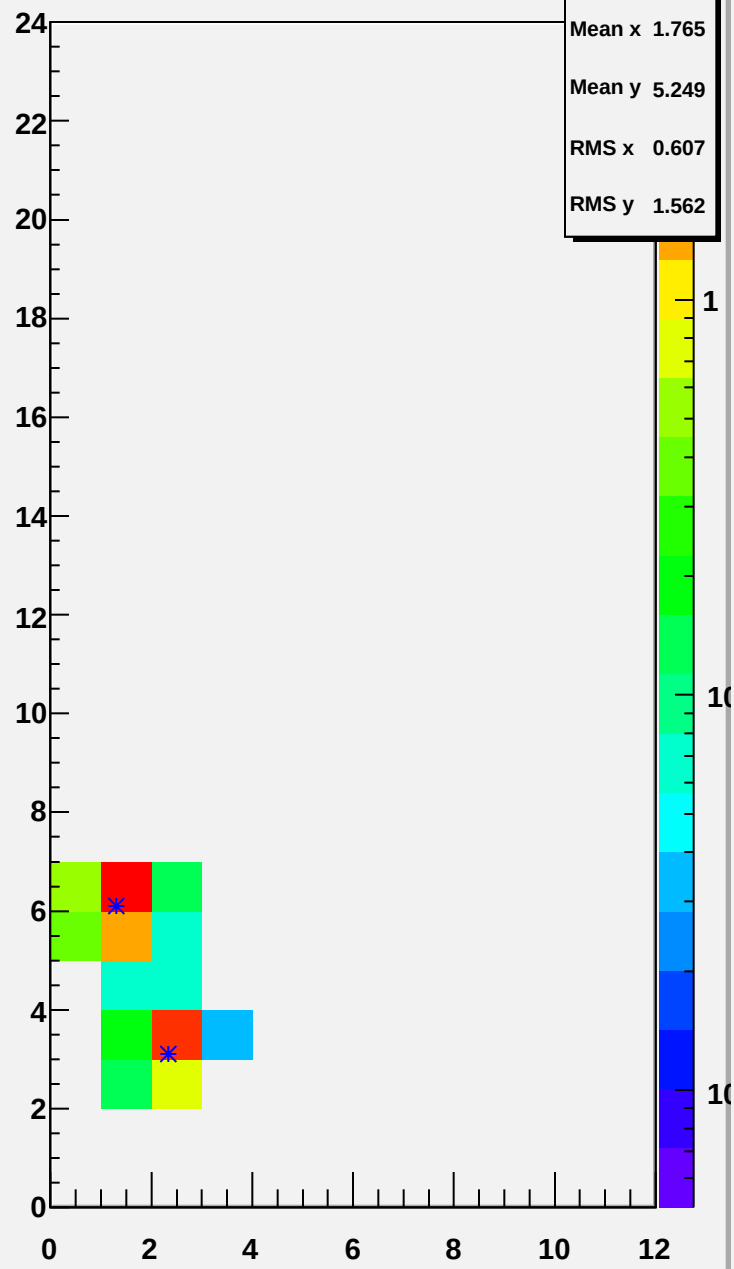
Efit

Entries	288
Mean x	2.413
Mean y	4.53
RMS x	0.6259
RMS y	3.642

NSTB3_r4_c3_En=13.5_m0=0.103 m1=0.103 index=986



Fitted Energies



Efit

Entries 288

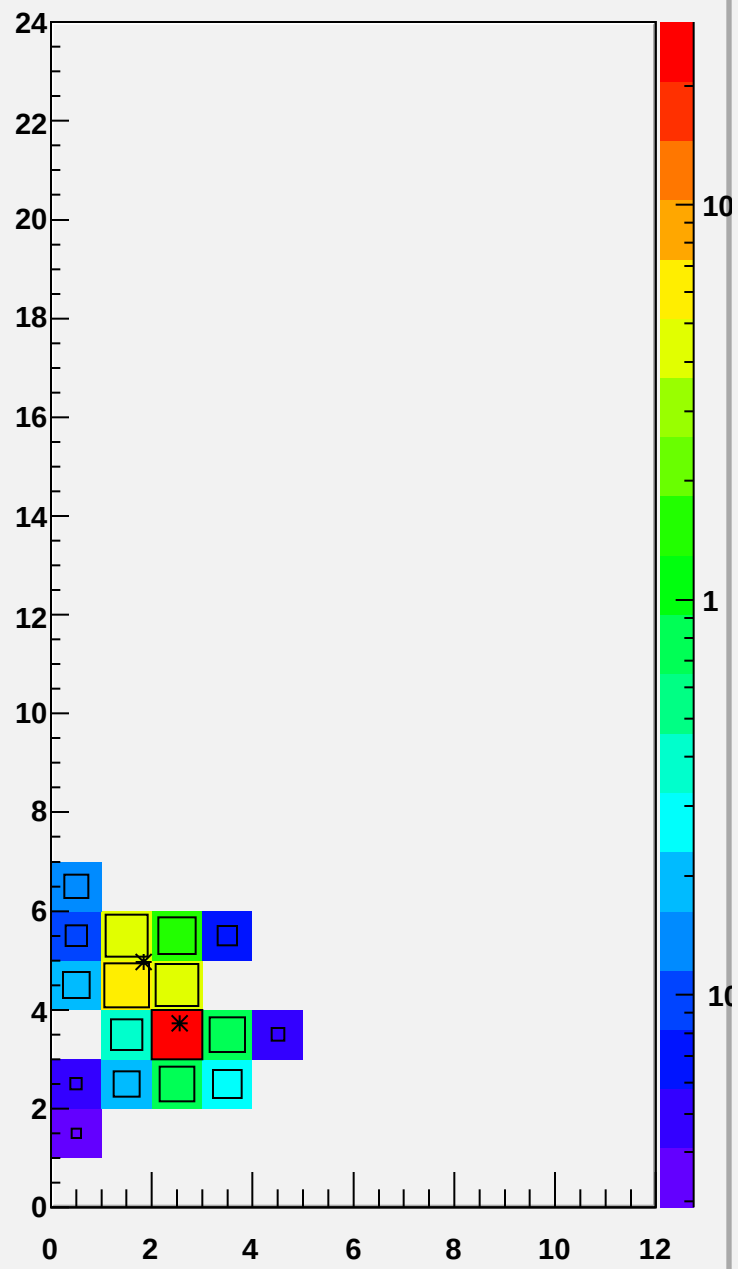
Mean x 1.765

Mean y 5.249

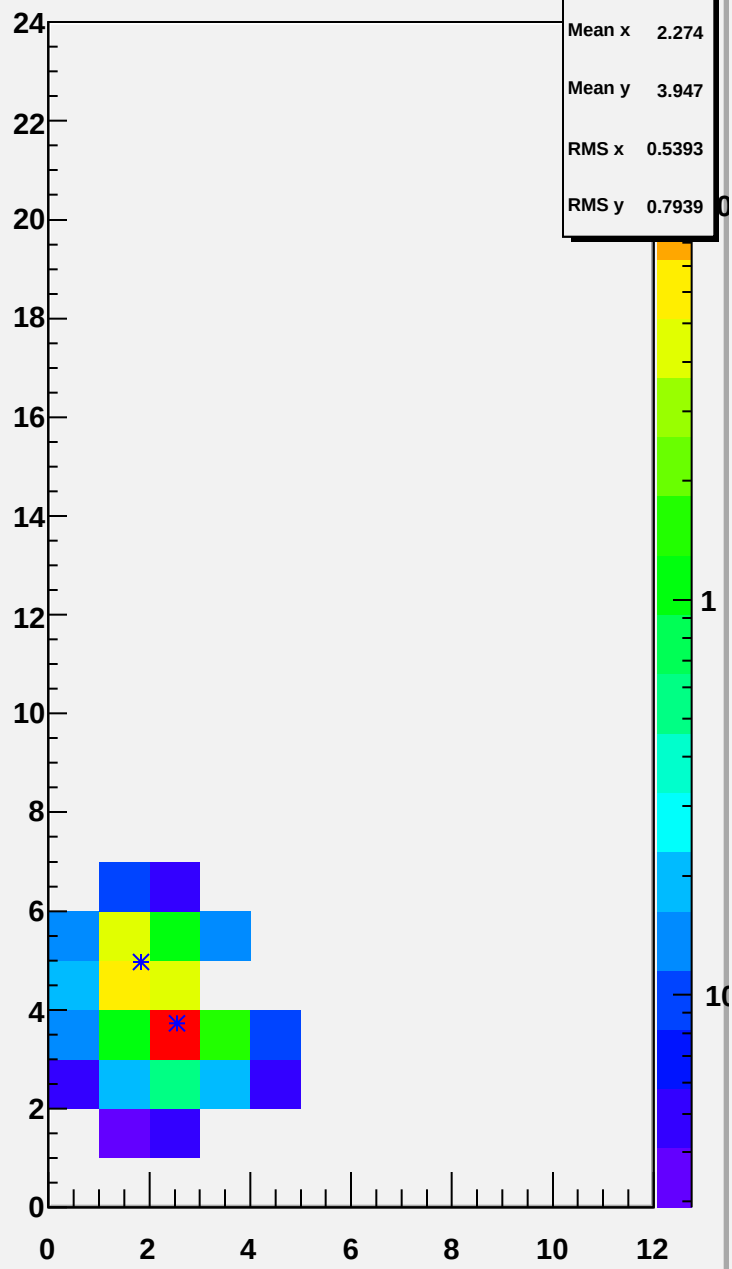
RMS x 0.607

RMS y 1.562

NSTB3_r4_c3_En=48.8_m0=0.176 m1=0.176 index=987



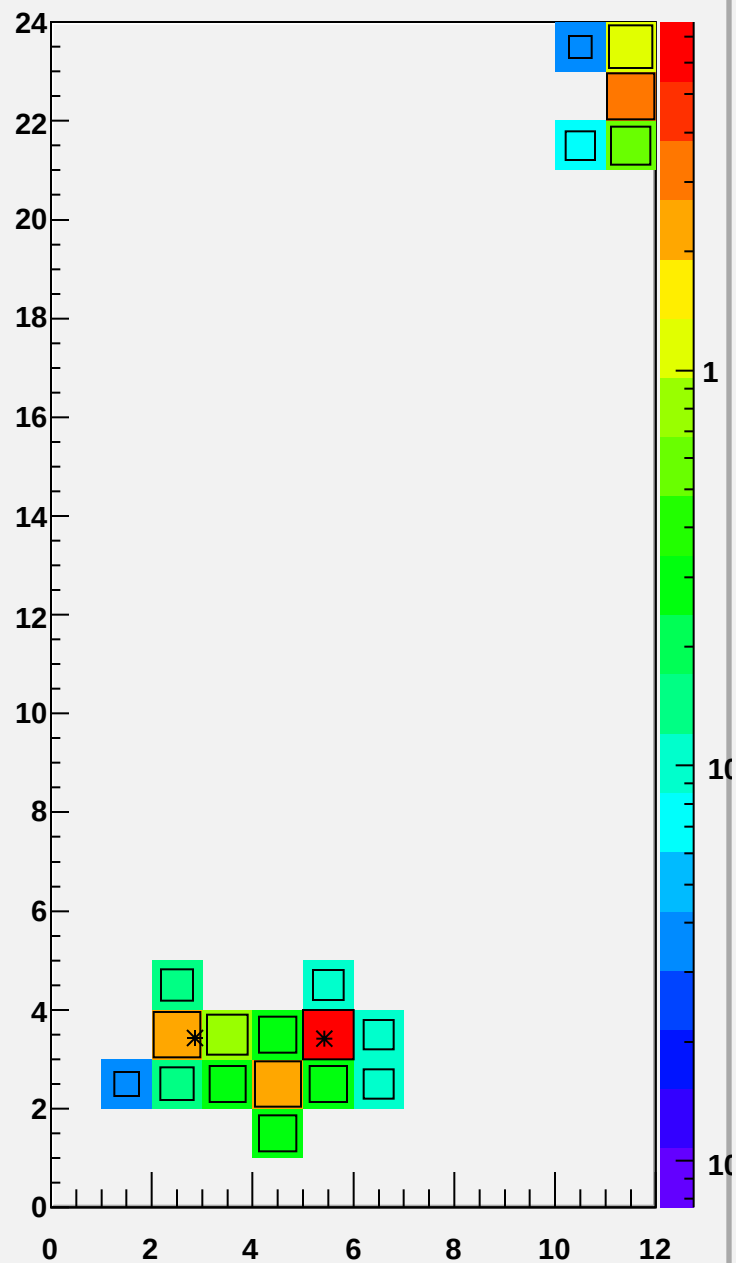
Fitted Energies



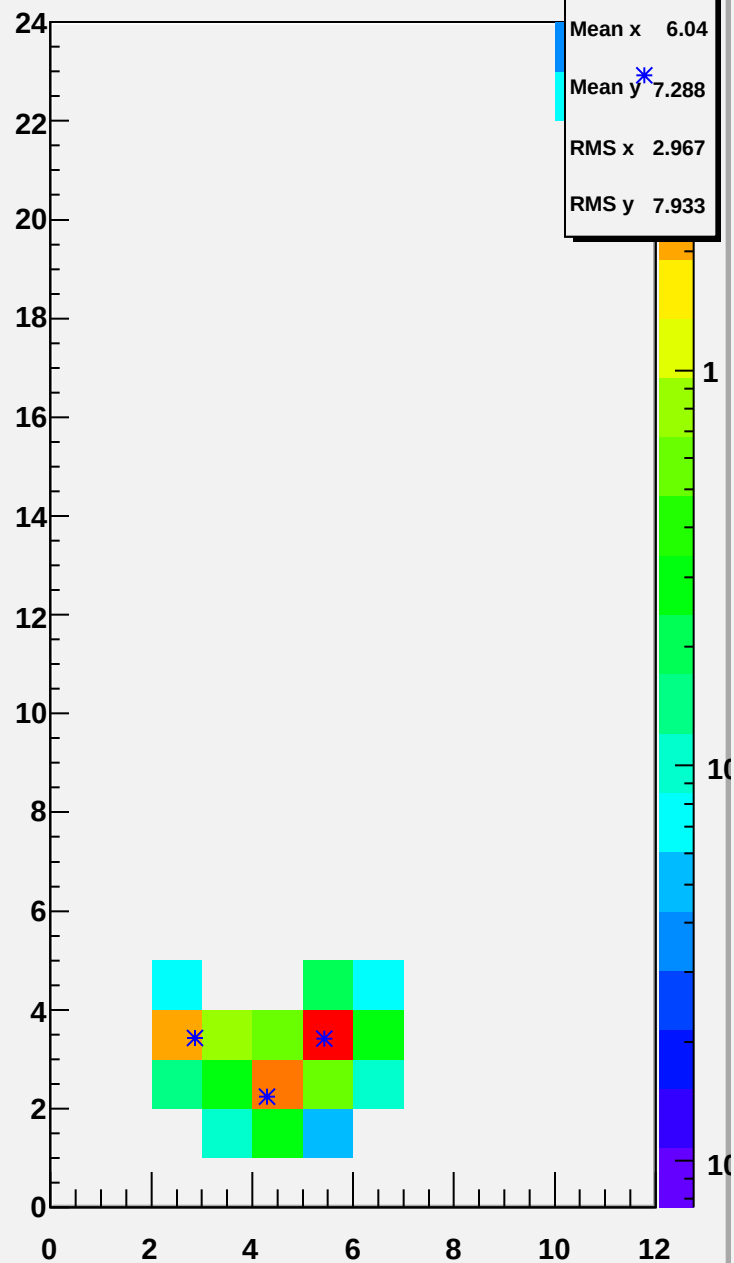
Efit

Entries	288
Mean x	2.274
Mean y	3.947
RMS x	0.5393
RMS y	0.7939

NSTB3_r4_c3_En=20.2_m0=0.084 m1=0.084 index=988



Fitted Energies



Efit

Entries 288

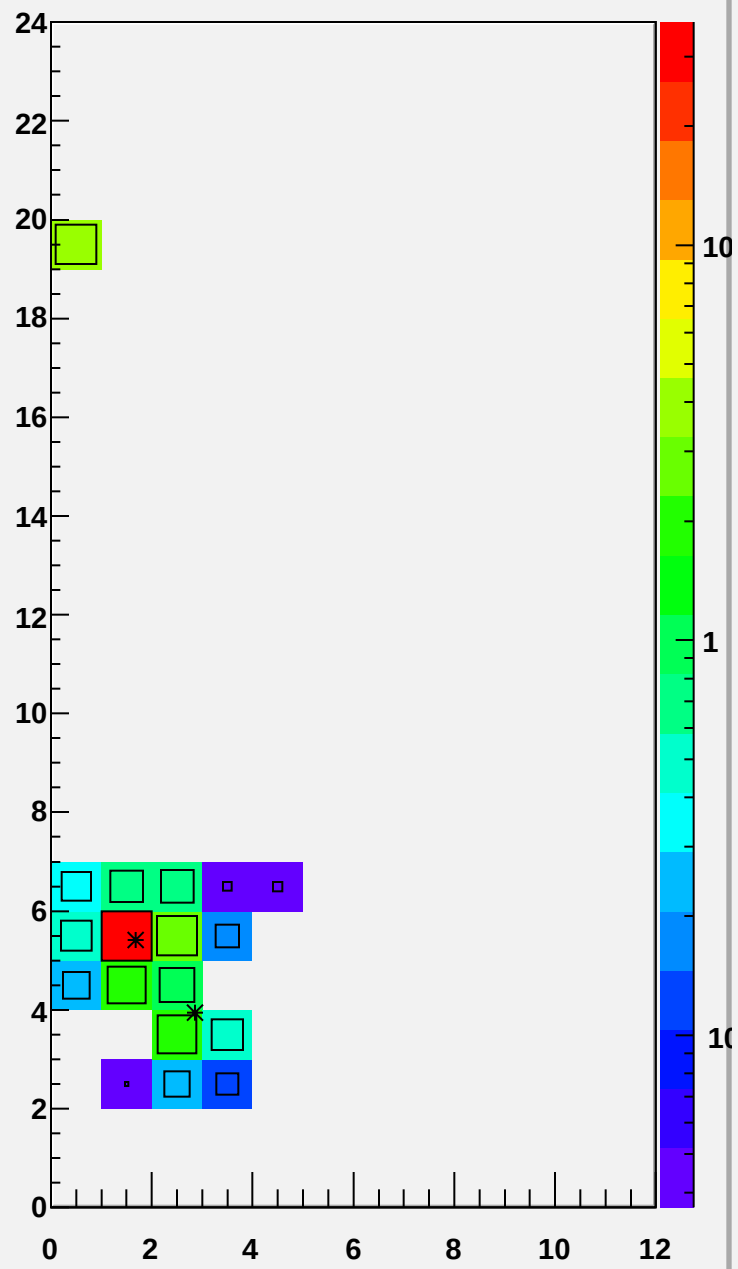
Mean x 6.04

Mean y 7.288

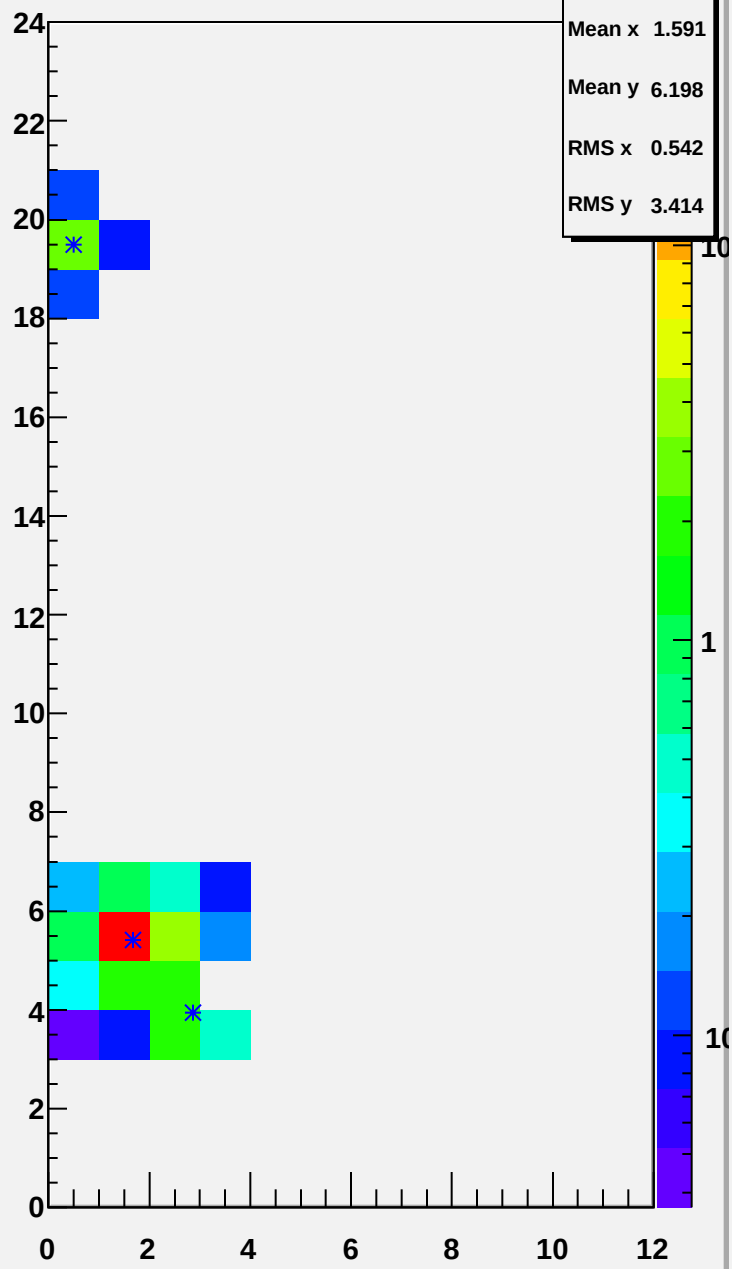
RMS x 2.967

RMS y 7.933

NSTB3_r4_c3_En=51.3_m0=0.142_m1=0.143_index=989



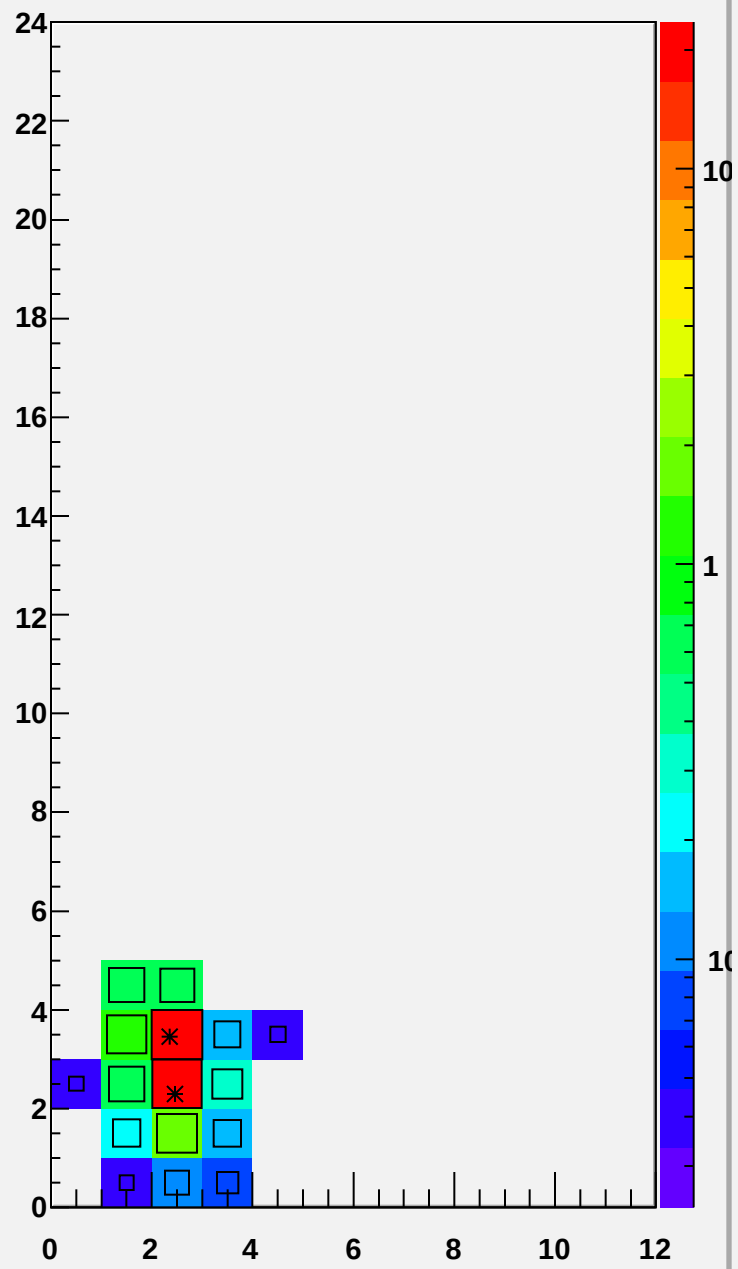
Fitted Energies



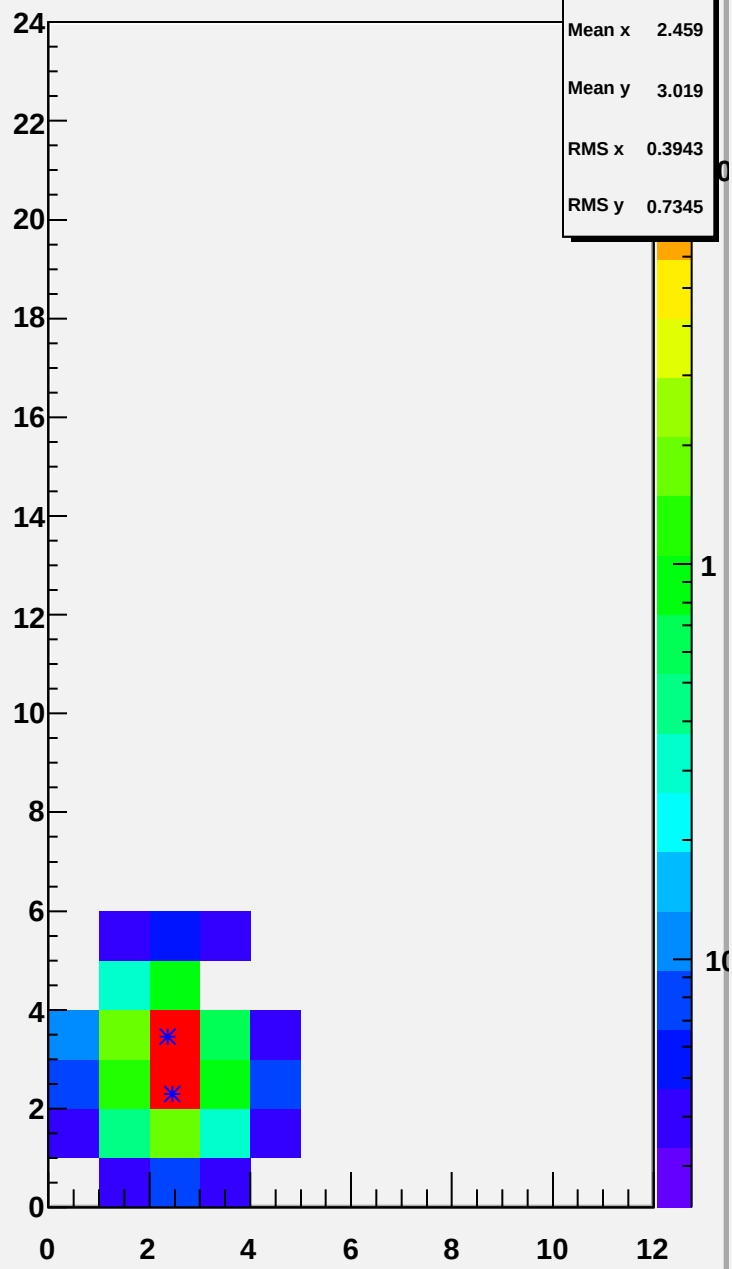
Efit

Entries 288
Mean x 1.591
Mean y 6.198
RMS x 0.542
RMS y 3.414

NSTB3_r4_c3_En=48.8_m0=0.156_m1=0.156_index=990



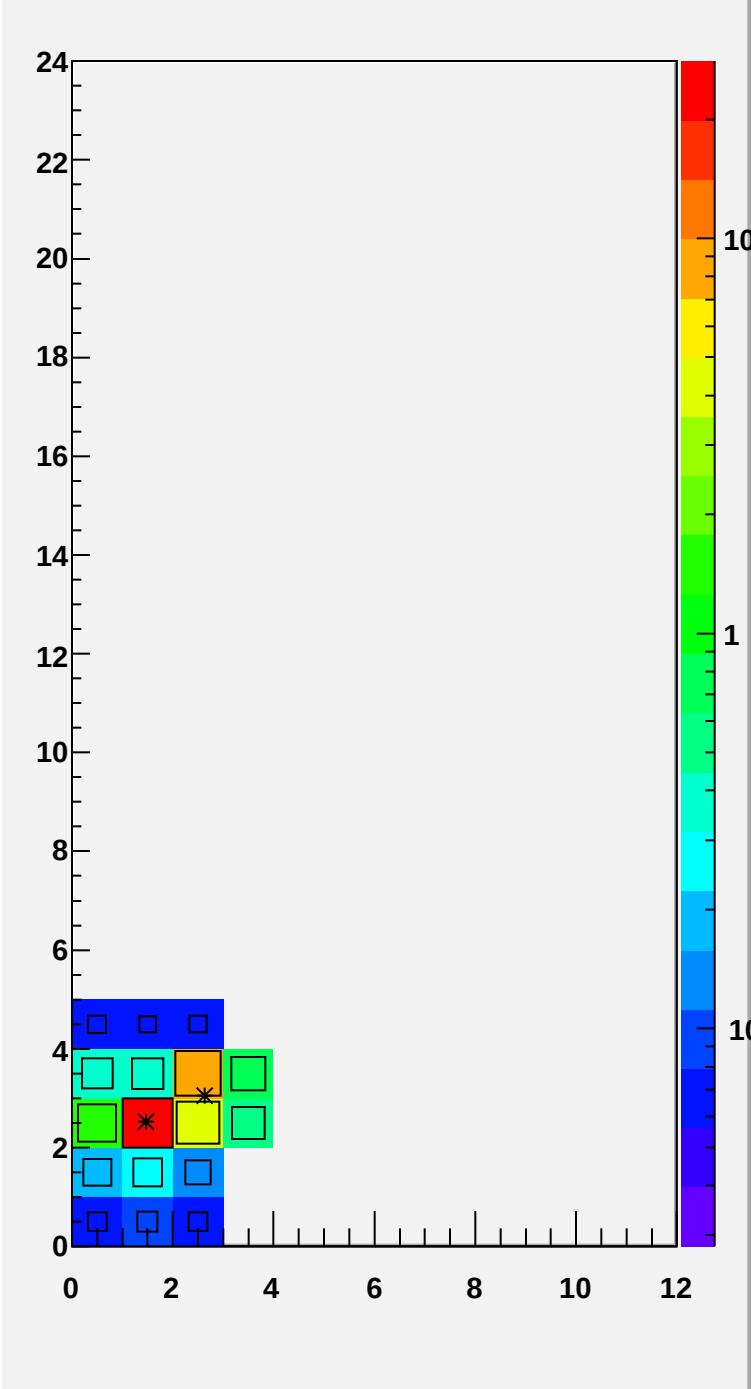
Fitted Energies



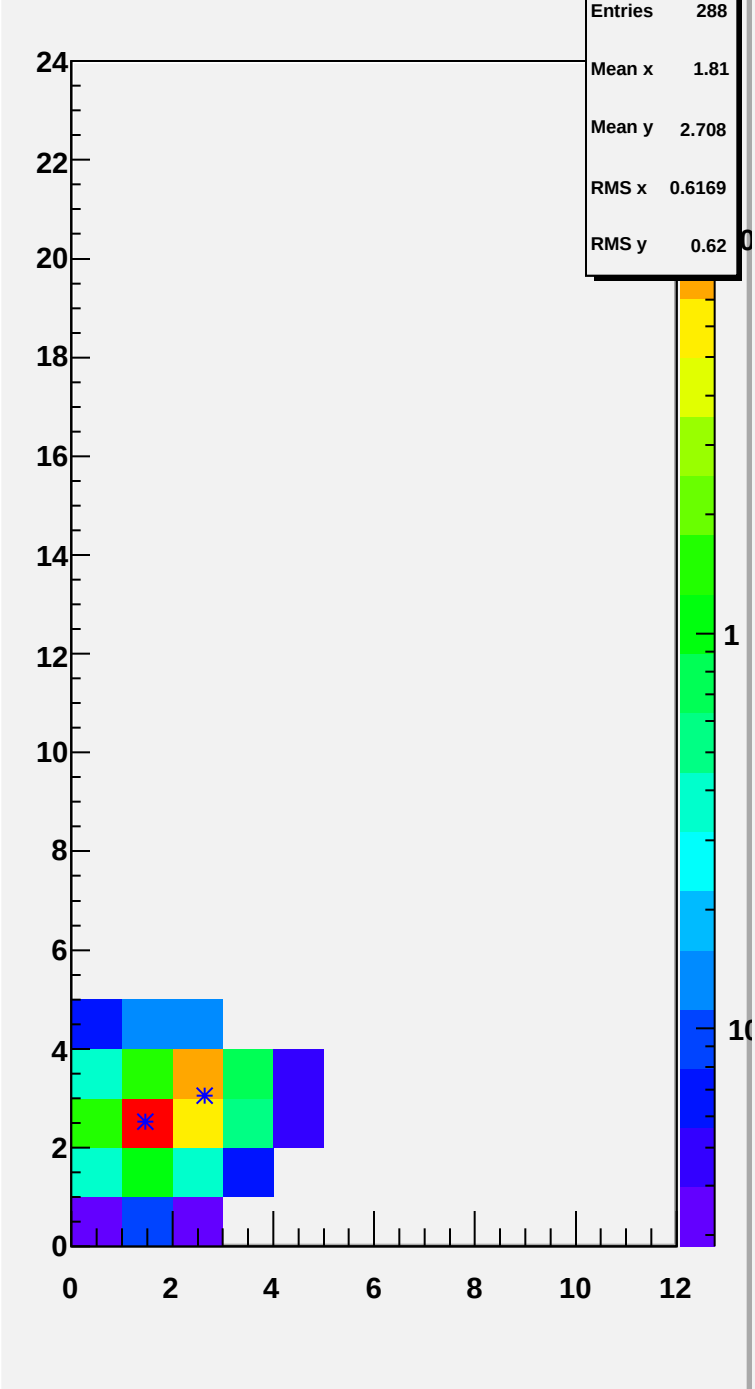
Efit

Entries	288
Mean x	2.459
Mean y	3.019
RMS x	0.3943
RMS y	0.7345

NSTB3_r4_c3_En=44.9_m0=0.157 m1=0.157 index=992

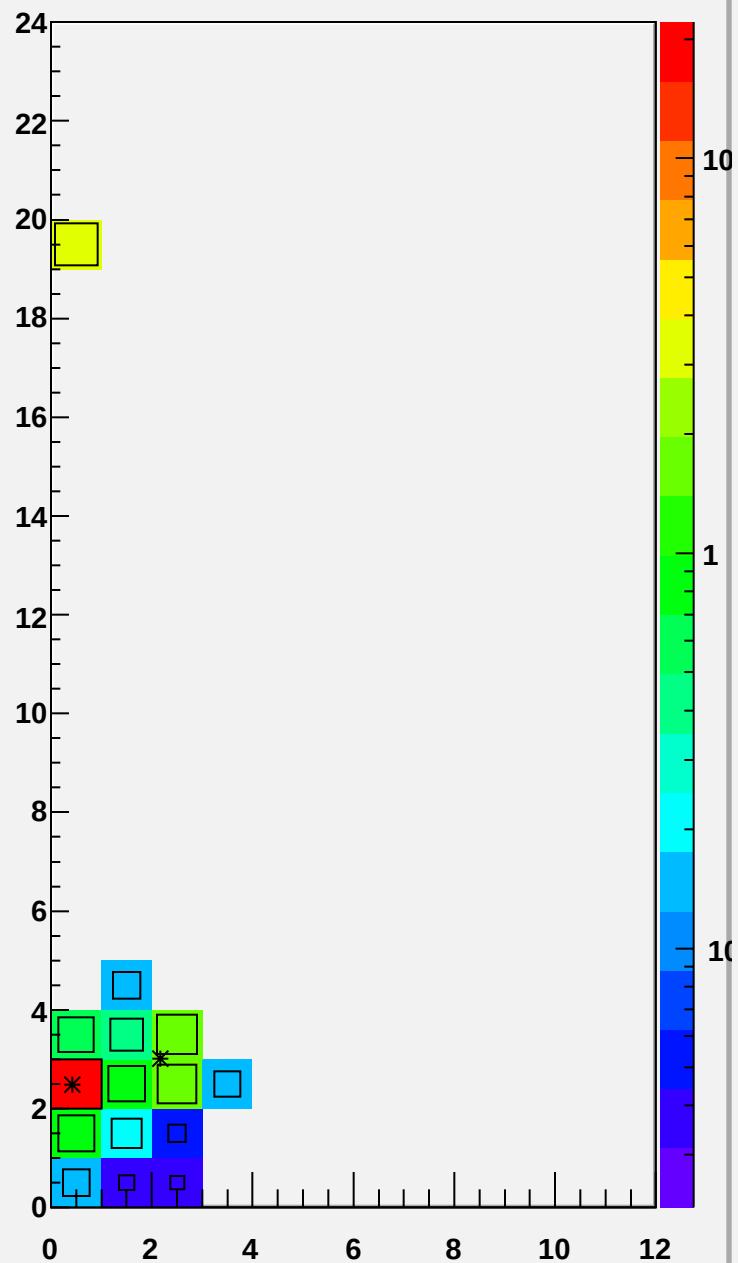


Fitted Energies

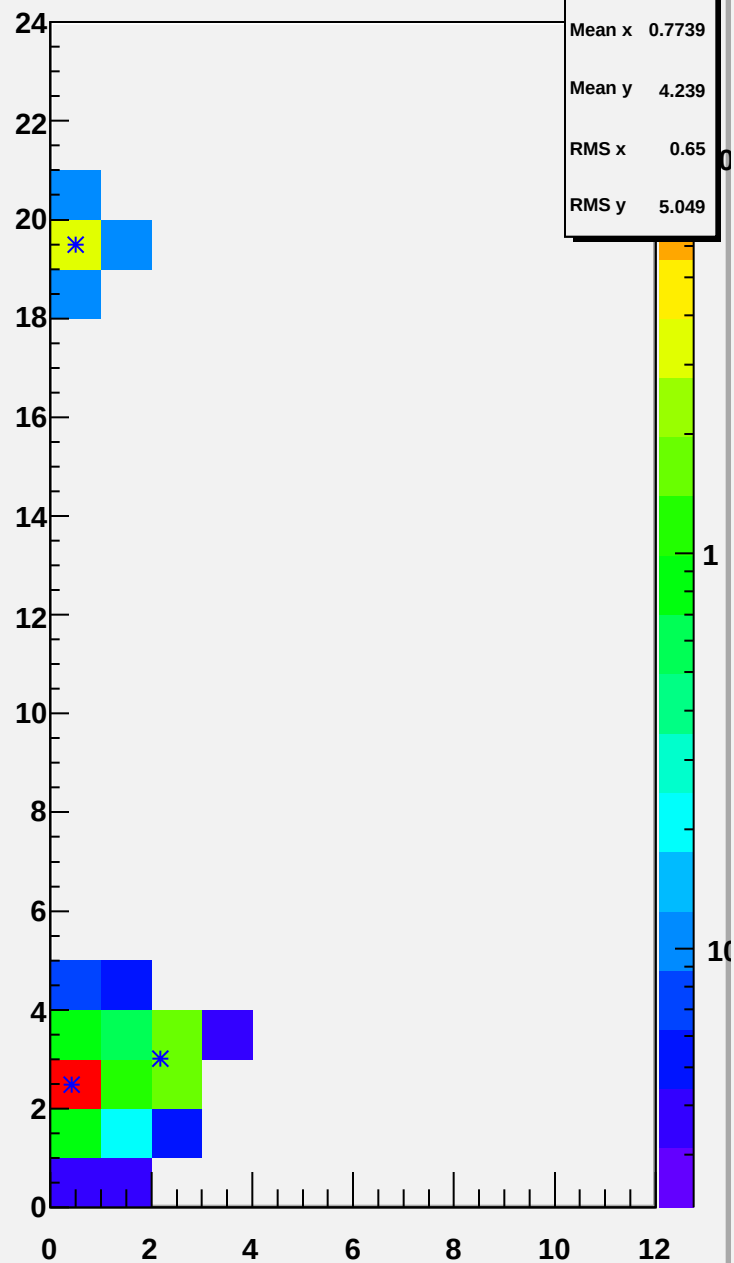


Efit	
Entries	288
Mean x	1.81
Mean y	2.708
RMS x	0.6169
RMS y	0.62

NSTB3_r4_c3_En=31.9_m0=0.107_m1=0.107_index=994



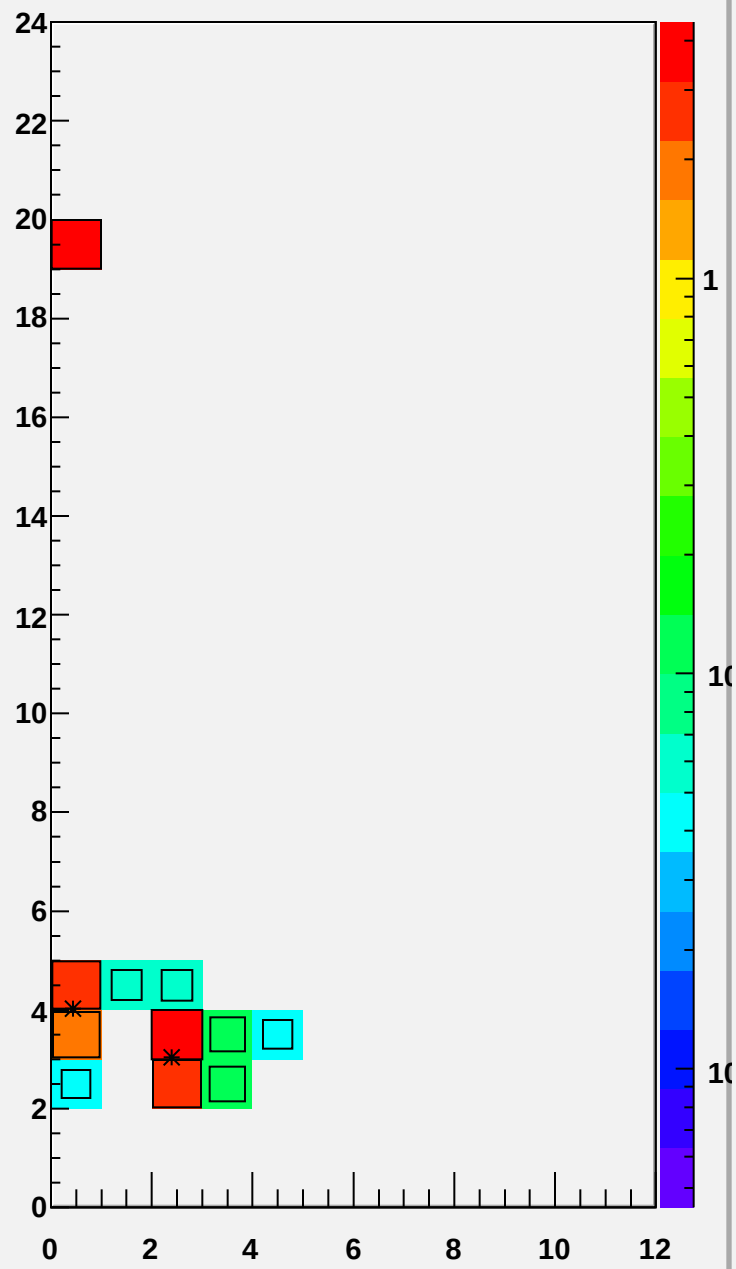
Fitted Energies



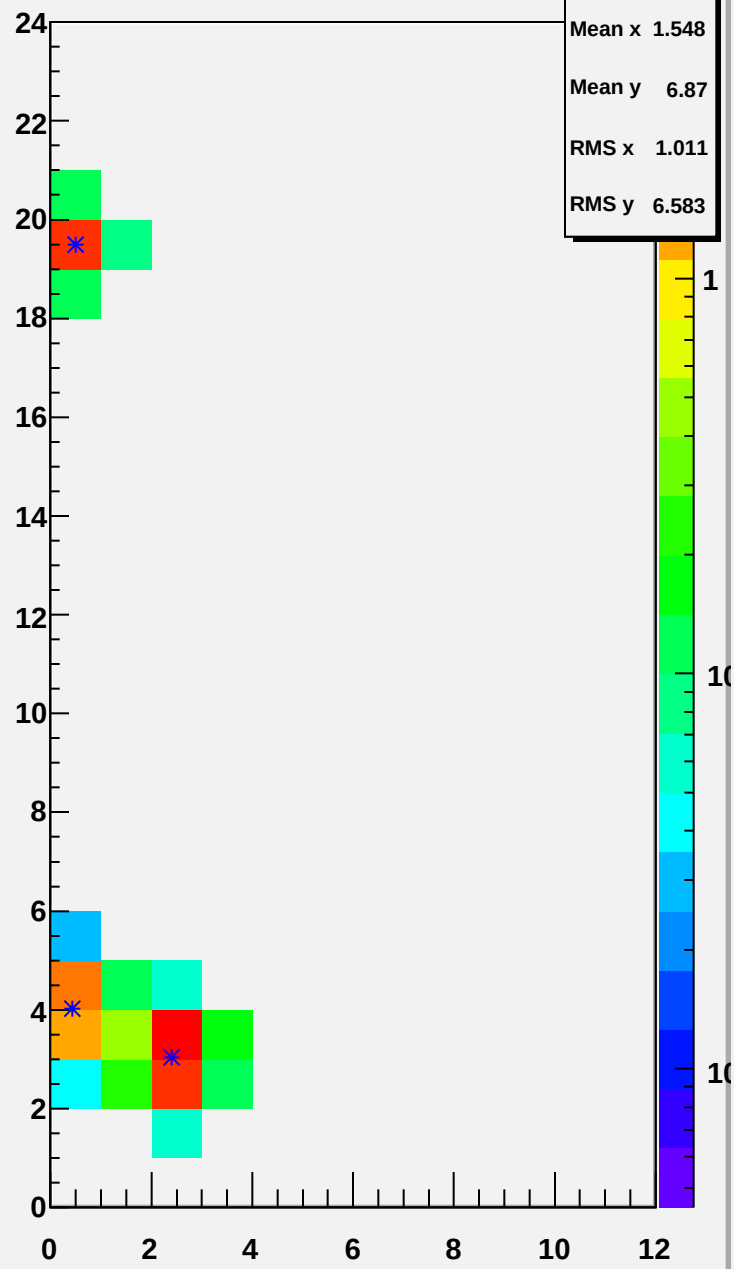
Efit

Entries	288
Mean x	0.7739
Mean y	4.239
RMS x	0.65
RMS y	5.049

NSTB3_r4_c3_En=14.7_m0=0.072 m1=0.072 index=995



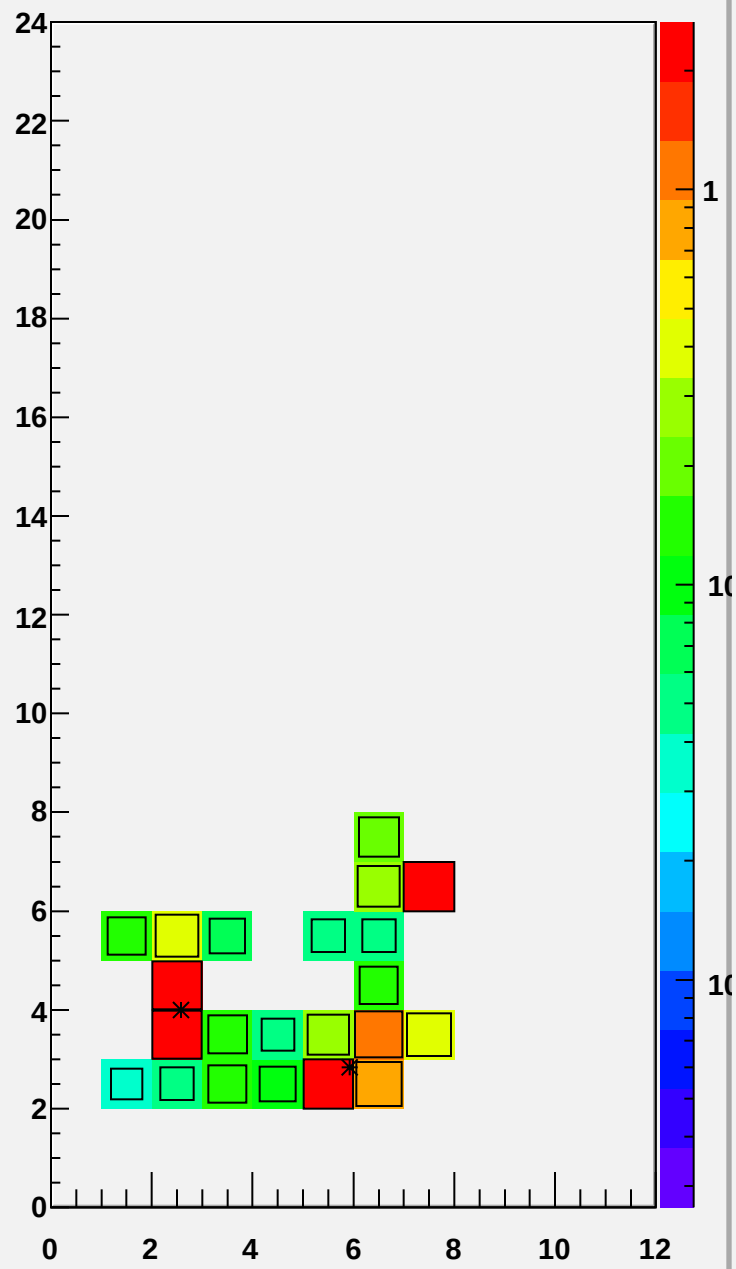
Fitted Energies



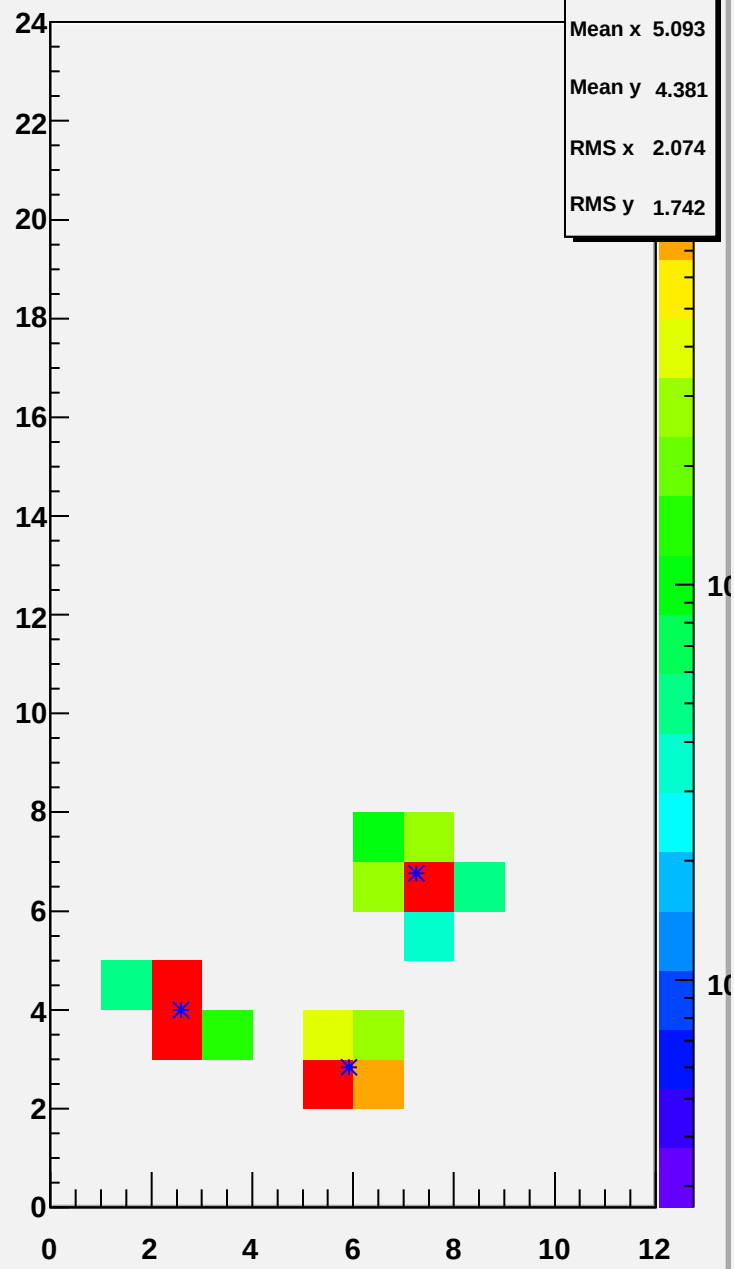
Efit

Entries 288
Mean x 1.548
Mean y 6.87
RMS x 1.011
RMS y 6.583

NSTB3_r4_c3_En=13.1_m0=0.084 m1=0.084 index=996



Fitted Energies



Efit

Entries 288

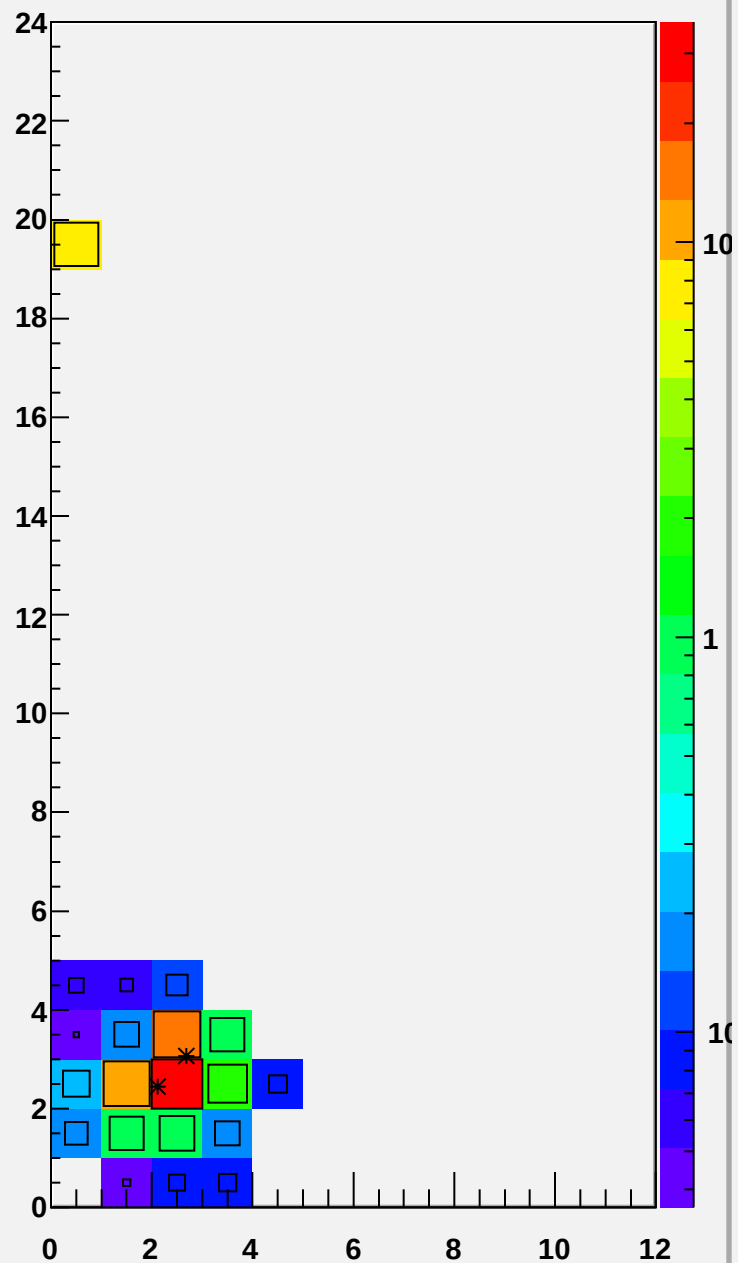
Mean x 5.093

Mean y 4.381

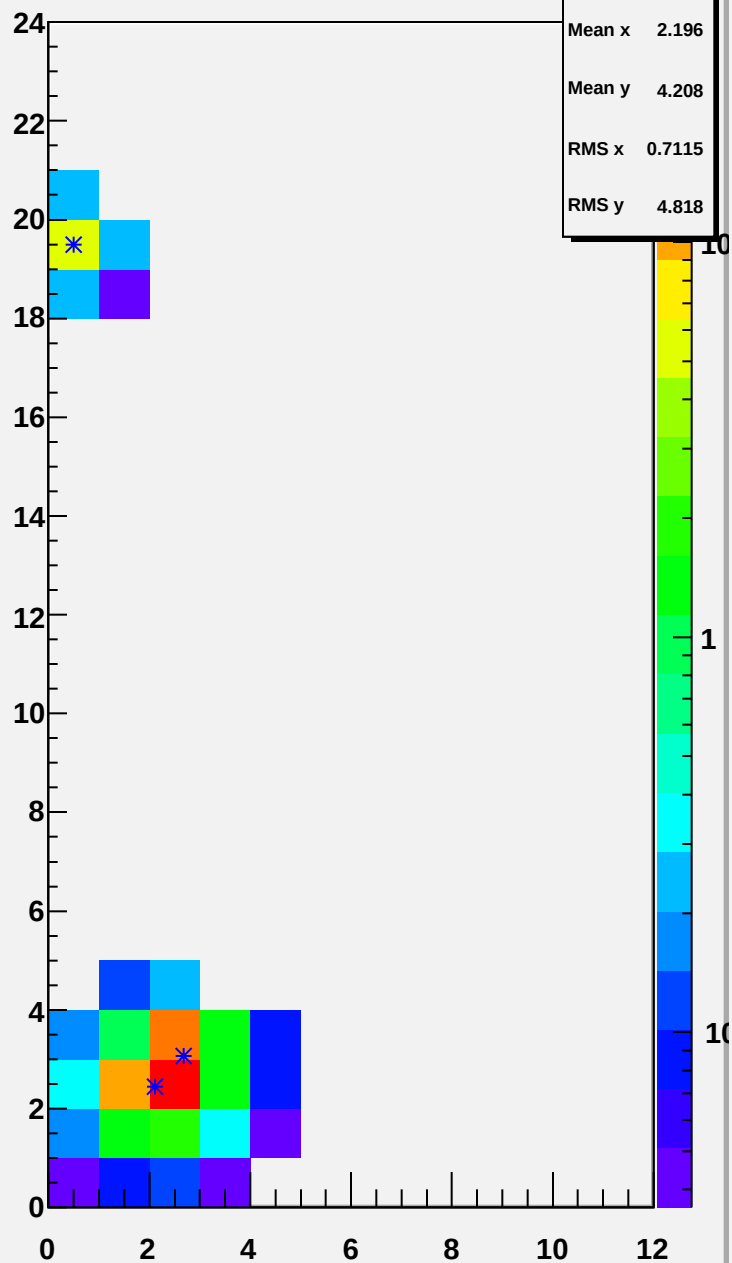
RMS x 2.074

RMS y 1.742

NSTB3_r4_c3_En=74.3_m0=0.144 m1=0.144 index=997



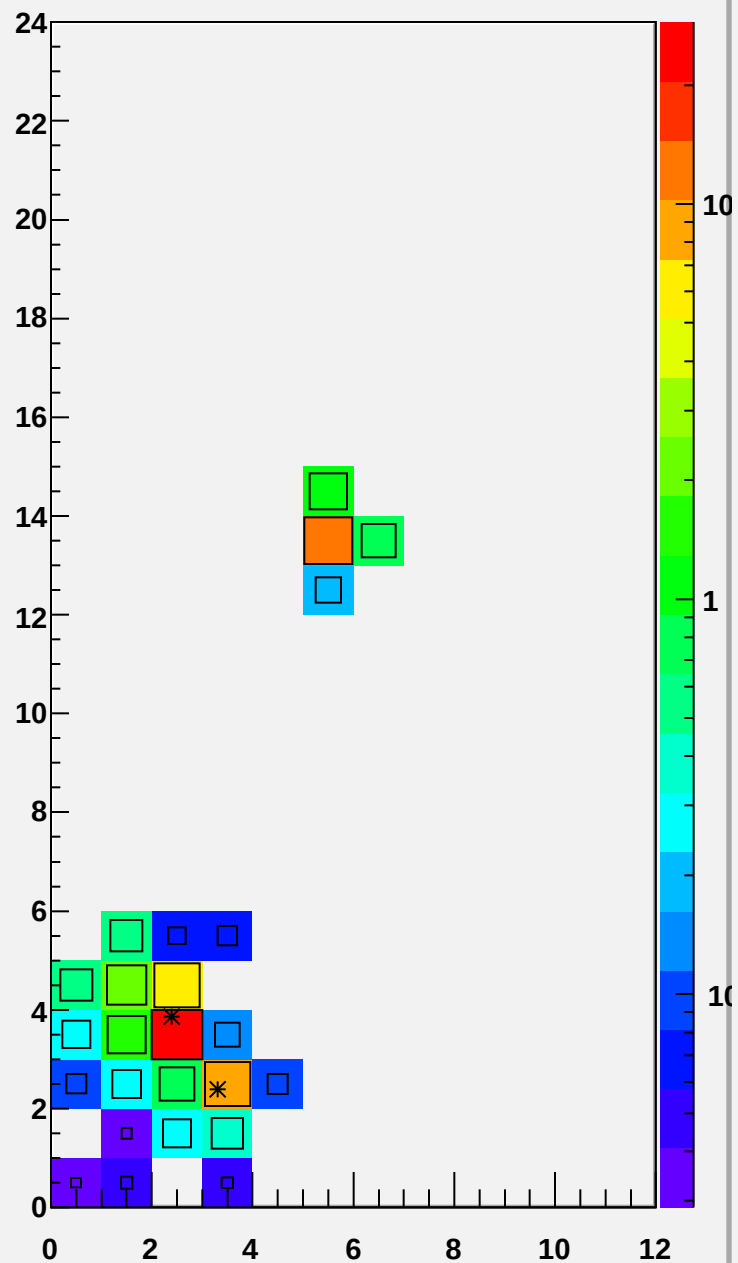
Fitted Energies



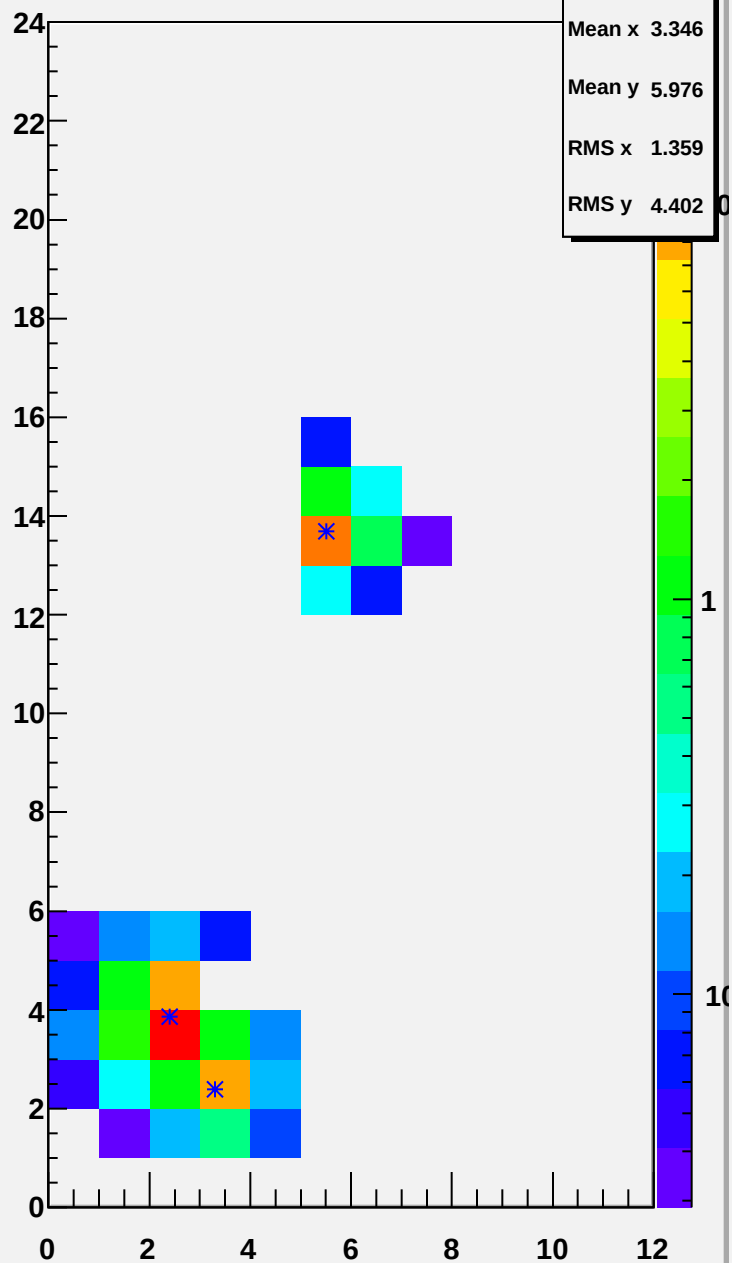
Efit

Entries	288
Mean x	2.196
Mean y	4.208
RMS x	0.7115
RMS y	4.818

NSTB3_r4_c3_En=66.4_m0=0.188 m1=0.188 index=999



Fitted Energies



Efit

Entries 288

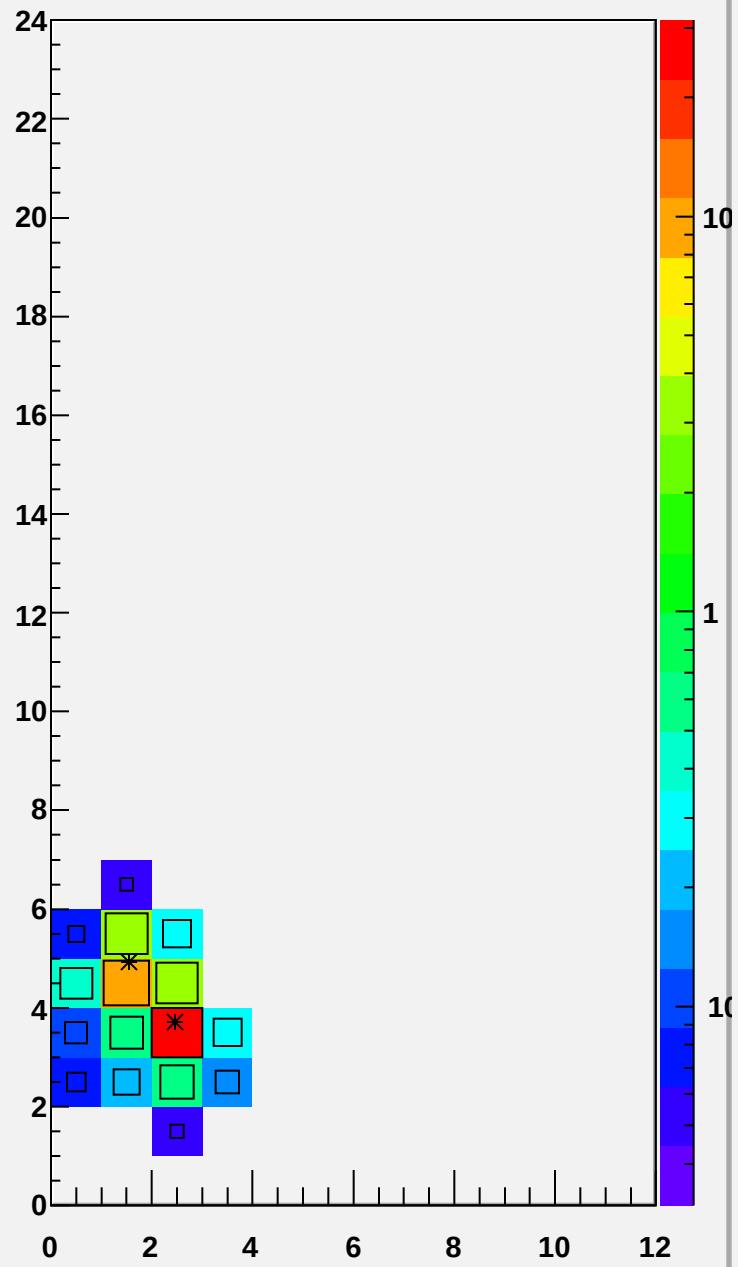
Mean x 3.346

Mean y 5.976

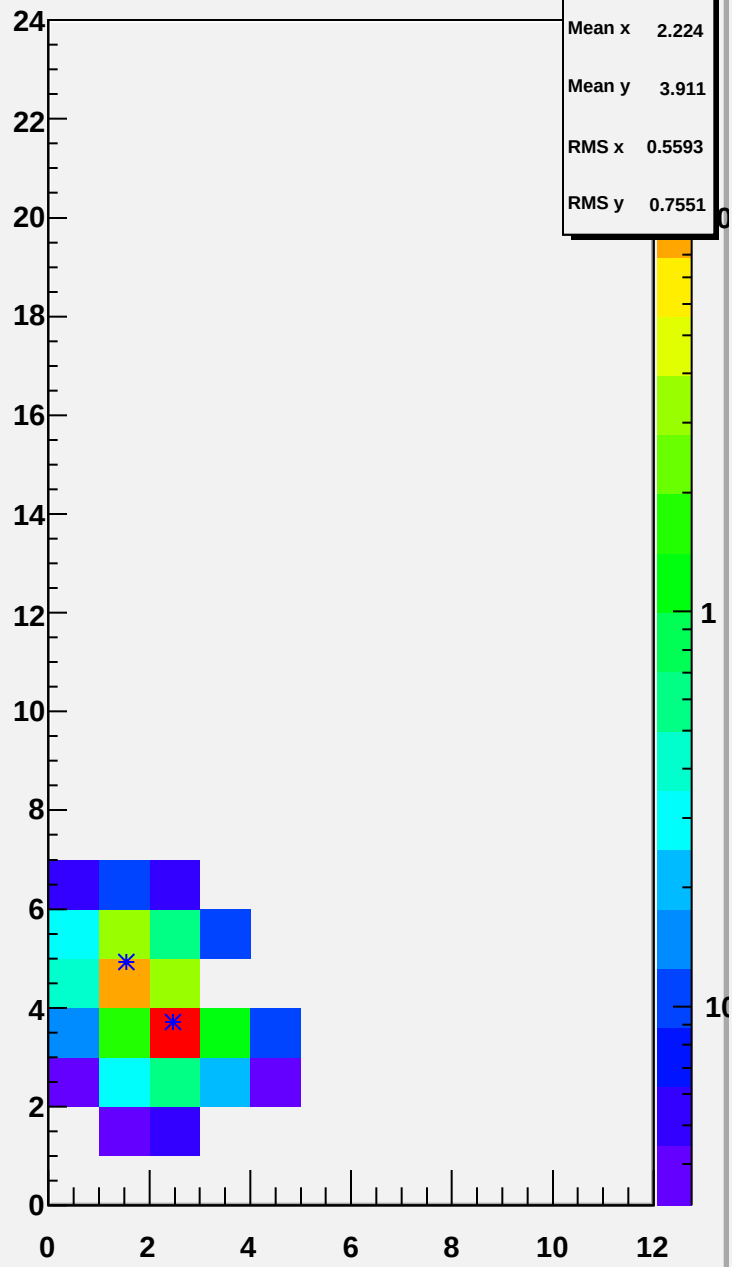
RMS x 1.359

RMS y 4.402

NSTB3_r4_c3_En=49.5_m0=0.194 m1=0.194 index=1000



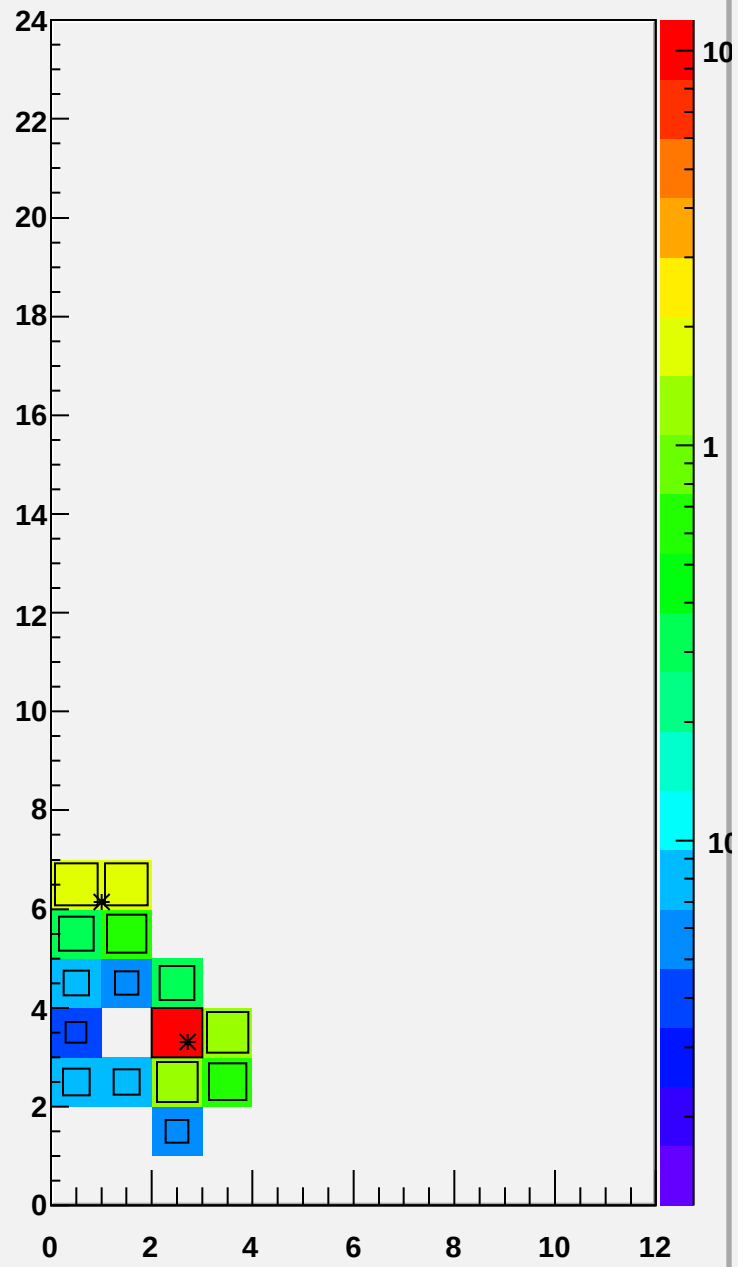
Fitted Energies



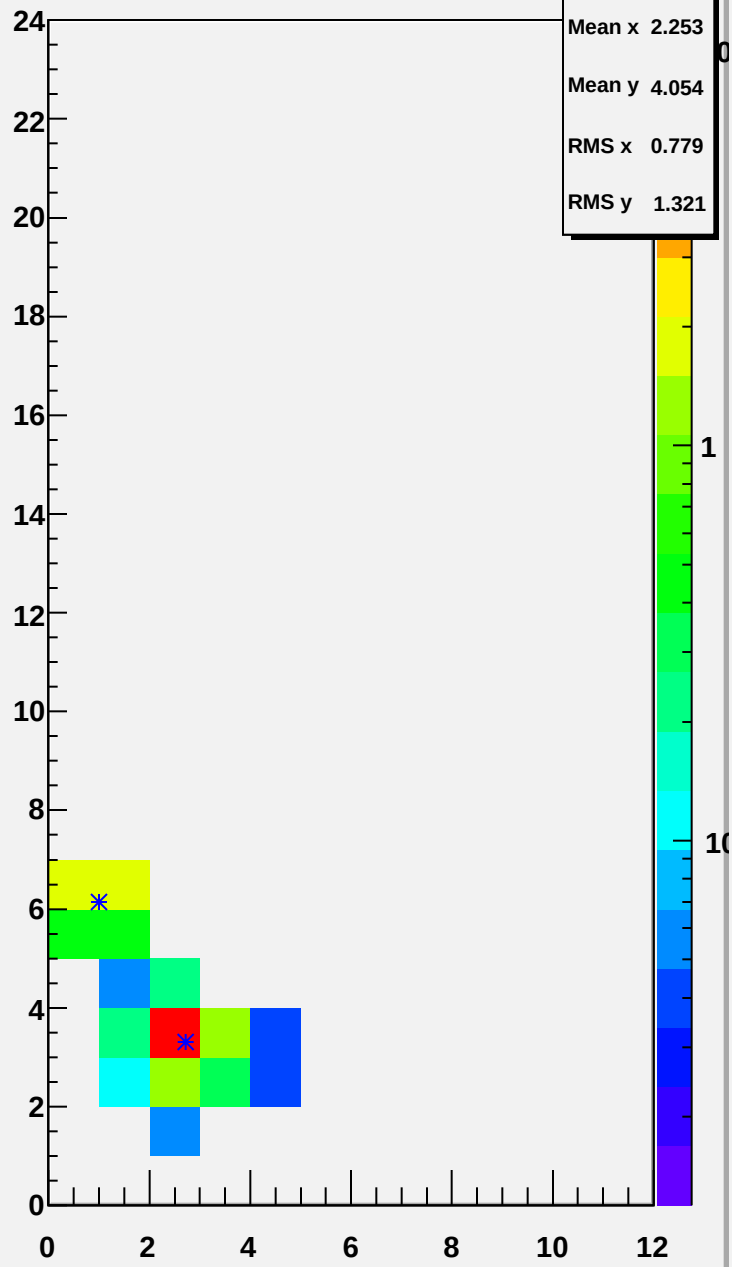
Efit

Entries	288
Mean x	2.224
Mean y	3.911
RMS x	0.5593
RMS y	0.7551

NSTB3_r4_c3_En=19.8_m0=0.153 m1=0.153 index=1001



Fitted Energies



Efit

Entries 288

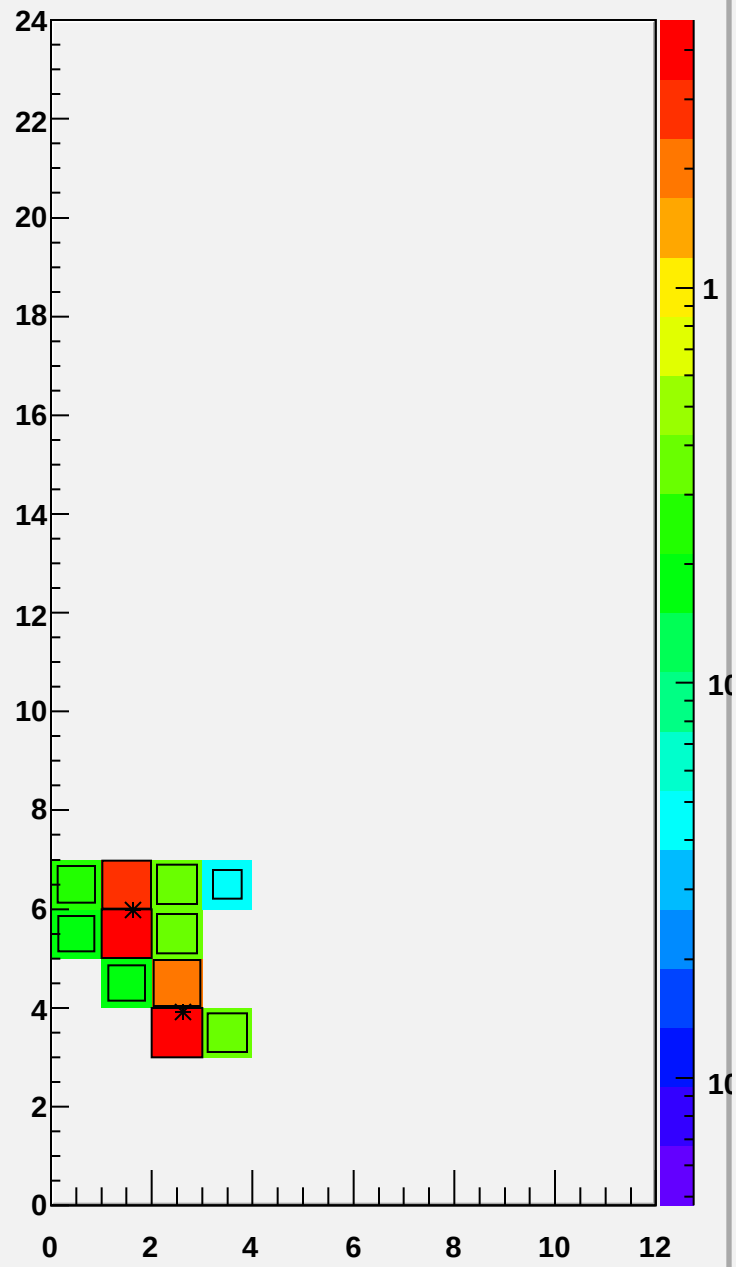
Mean x 2.253

Mean y 4.054

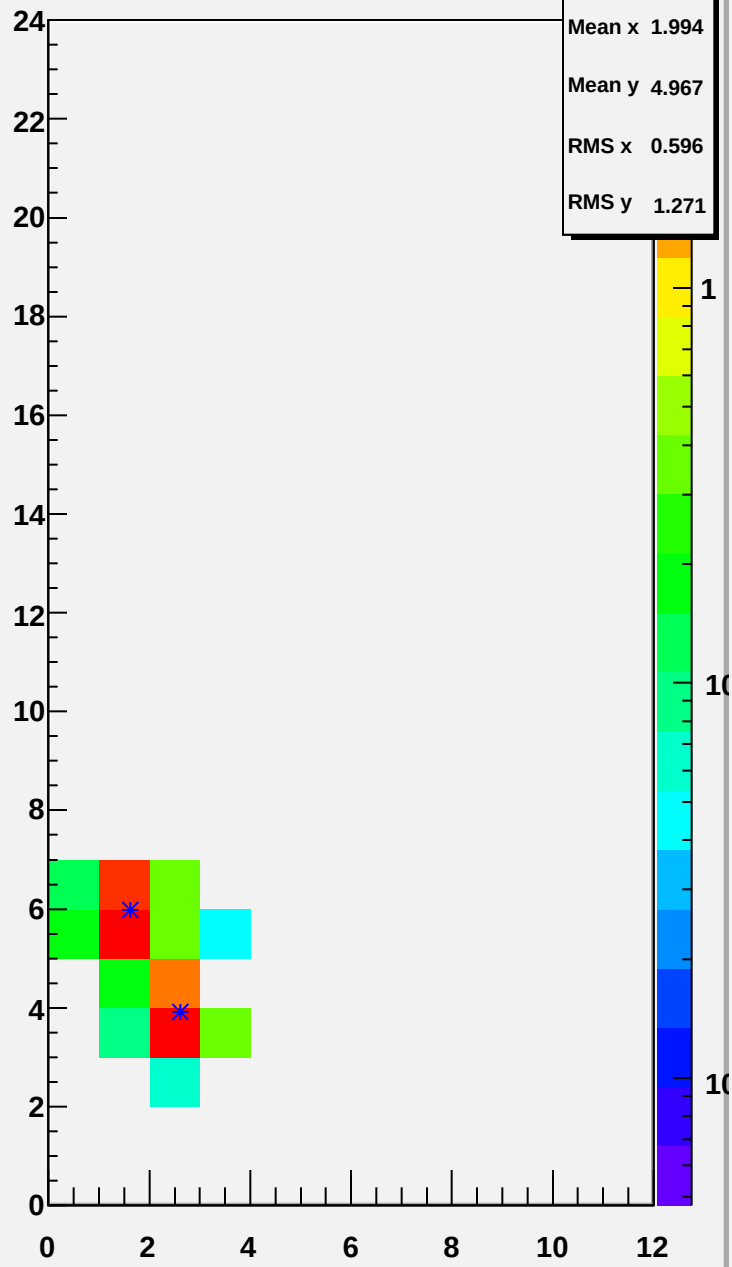
RMS x 0.779

RMS y 1.321

NSTB3_r4_c3_En=15.6_m0=0.104 m1=0.104 index=1002



Fitted Energies



Efit

Entries 288

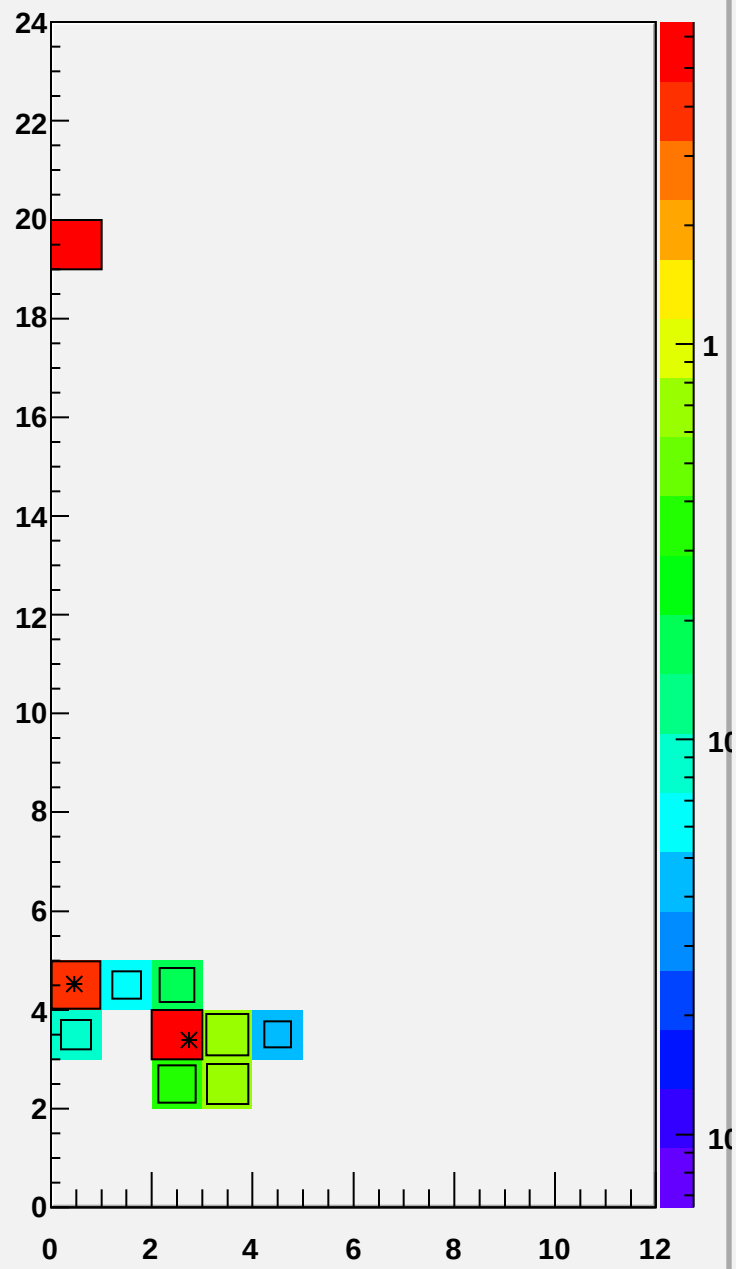
Mean x 1.994

Mean y 4.967

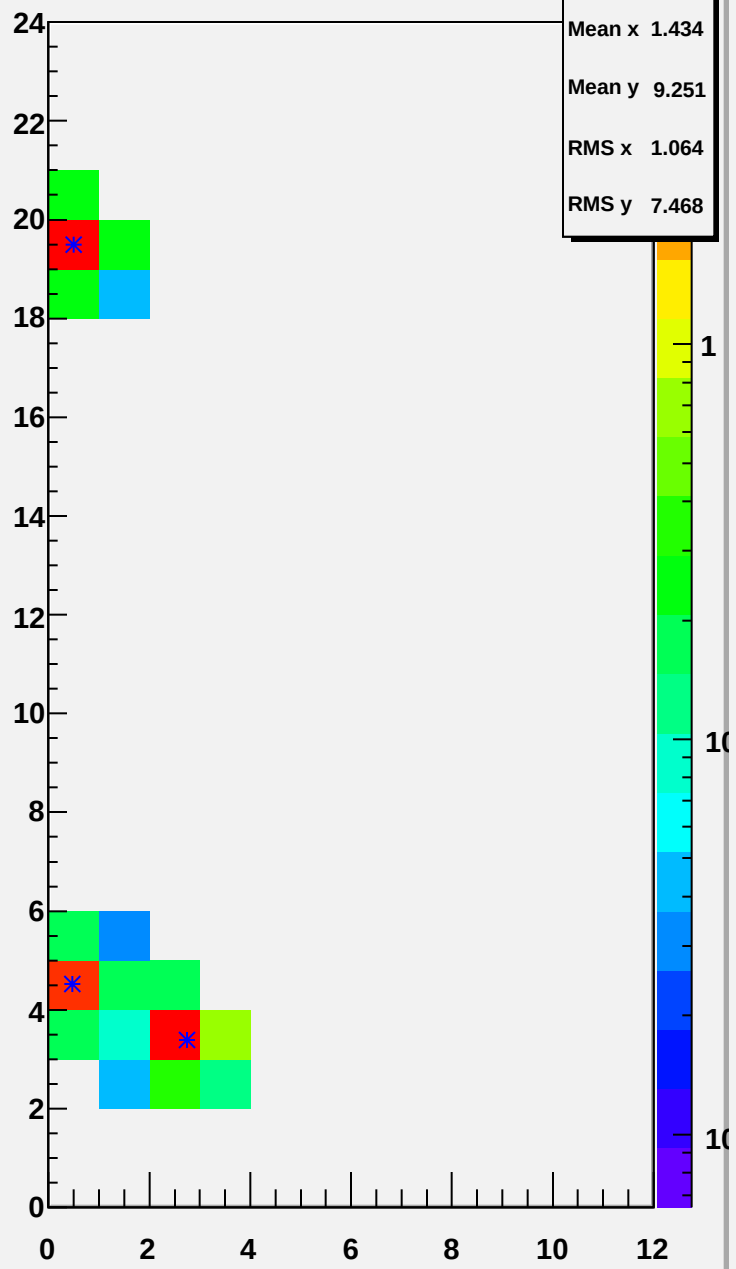
RMS x 0.596

RMS y 1.271

NSTB3_r4_c3_En=19.2_m0=0.086 m1=0.086 index=1003



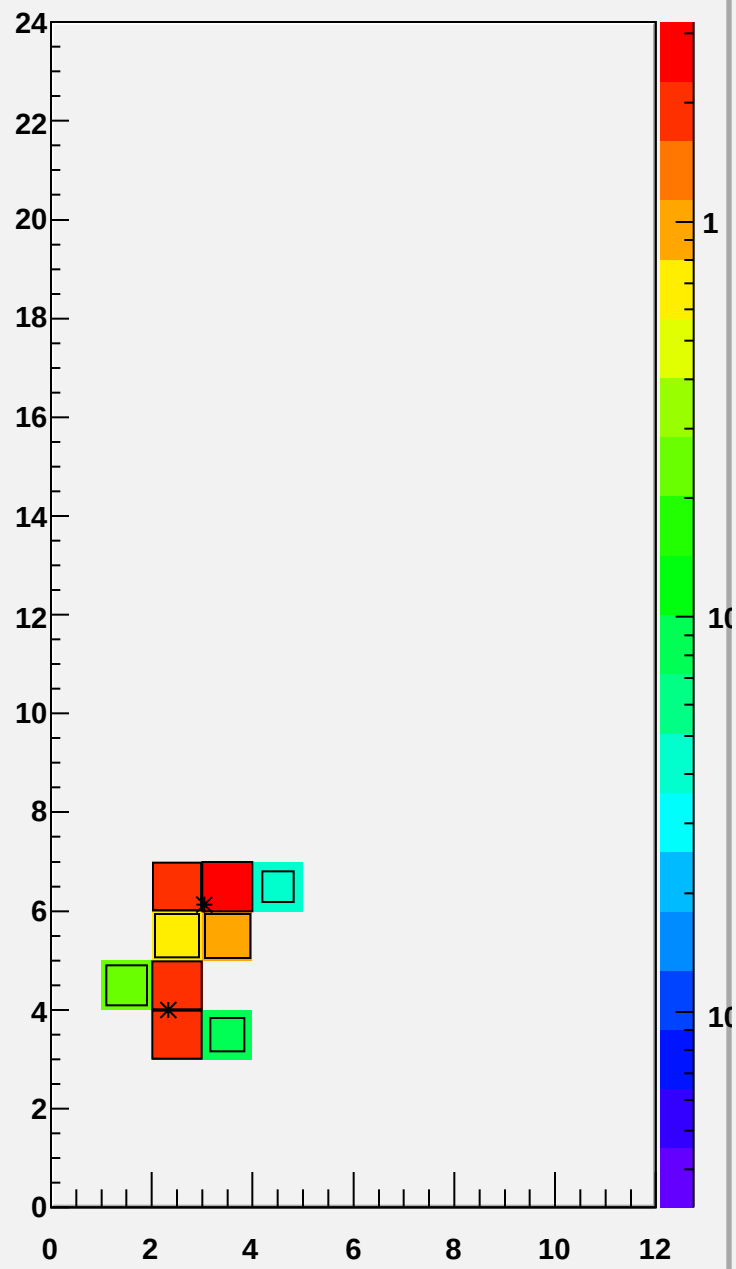
Fitted Energies



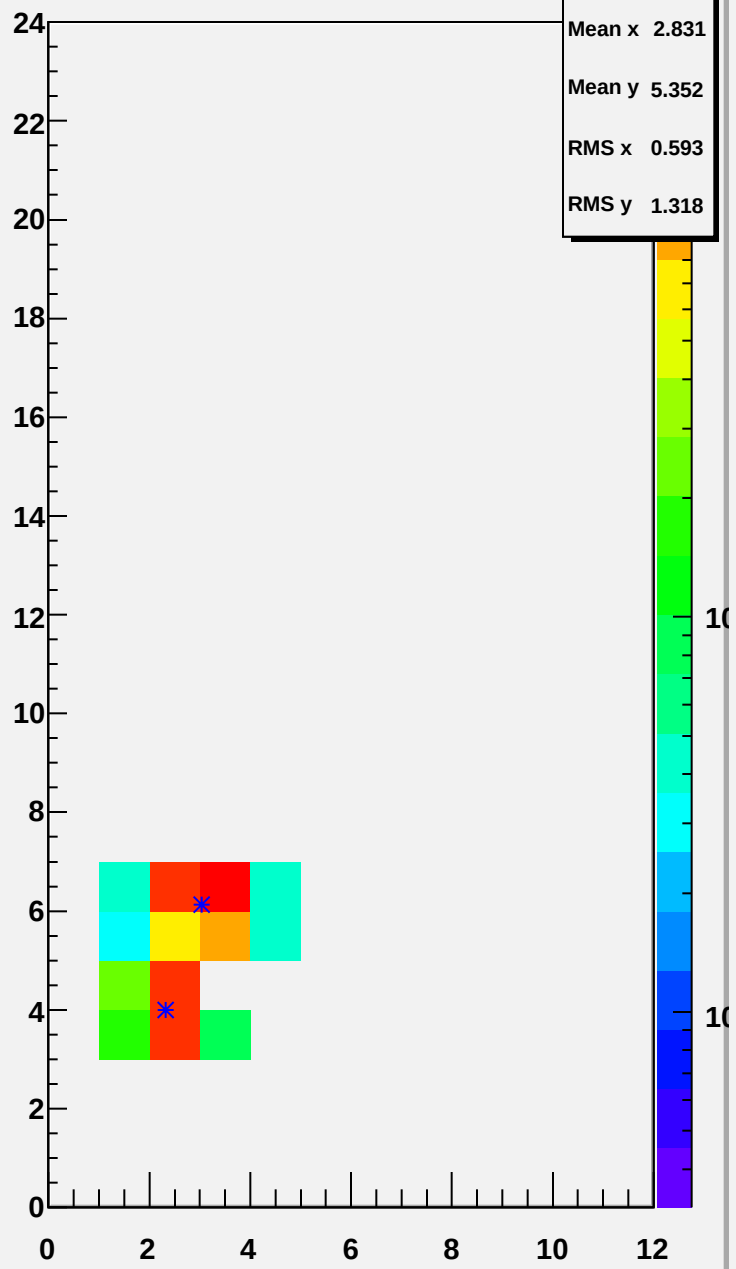
Efit

Entries 288
Mean x 1.434
Mean y 9.251
RMS x 1.064
RMS y 7.468

NSTB3_r4_c3_En=11.2_m0=0.074 m1=0.074 index=1004



Fitted Energies



Efit

Entries 288

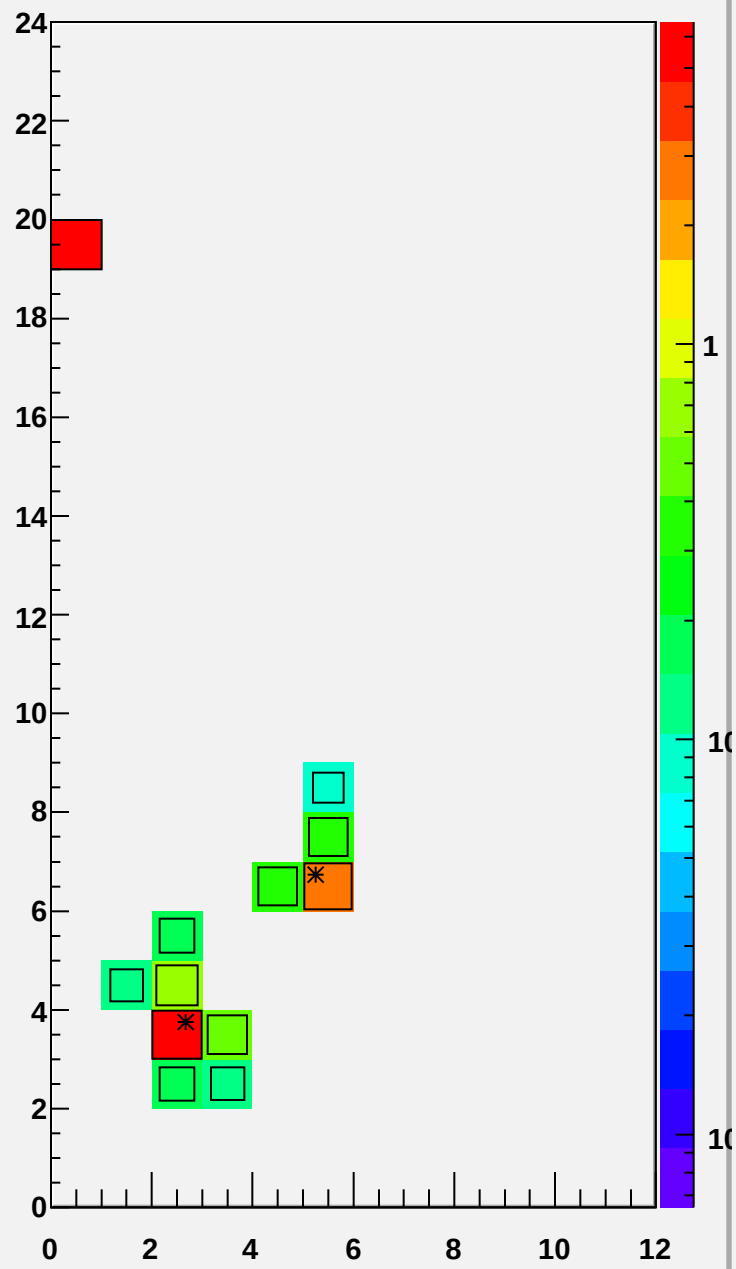
Mean x 2.831

Mean y 5.352

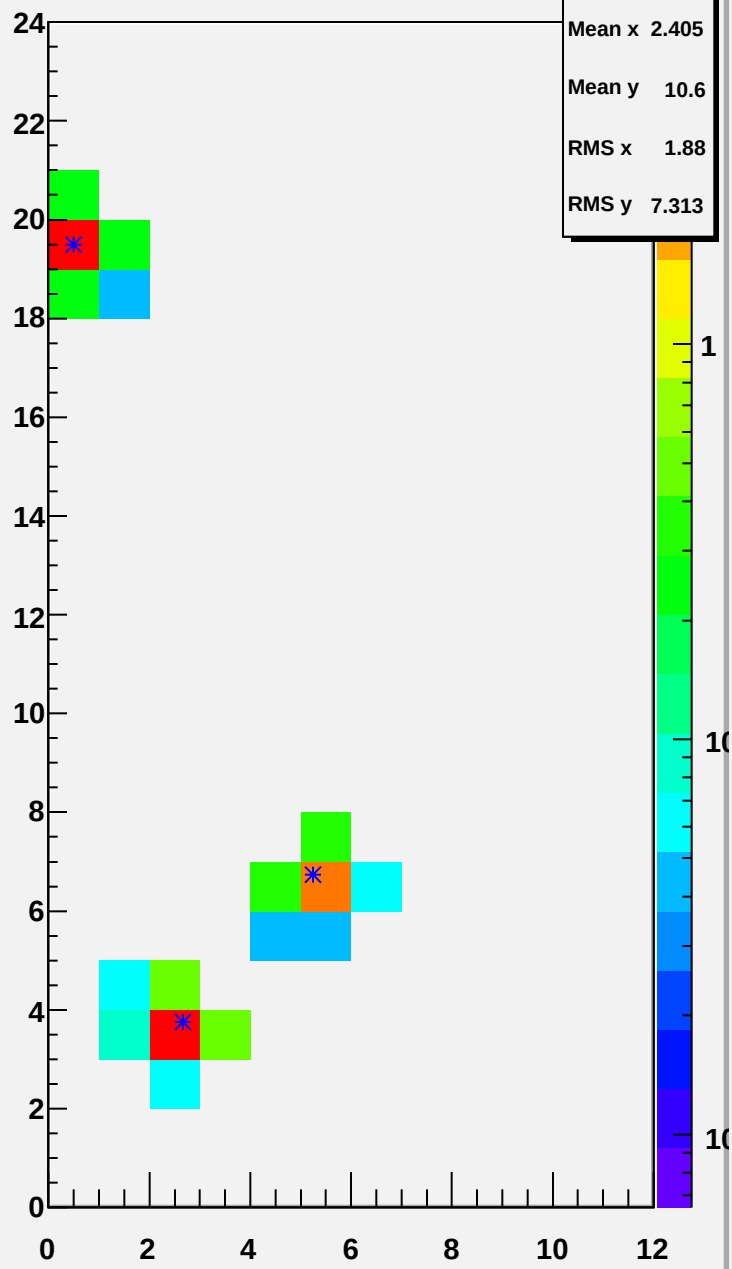
RMS x 0.593

RMS y 1.318

NSTB3_r4_c3_En=16.8_m0=0.111 m1=0.111 index=1005



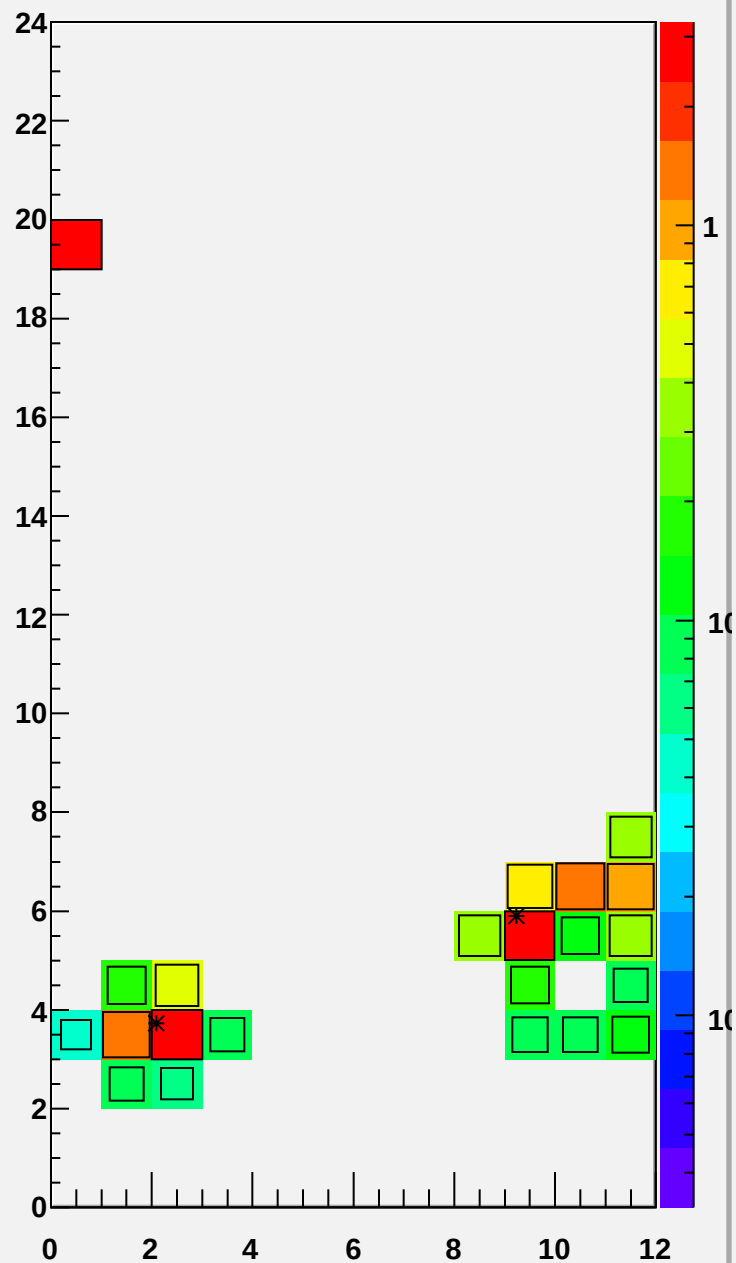
Fitted Energies



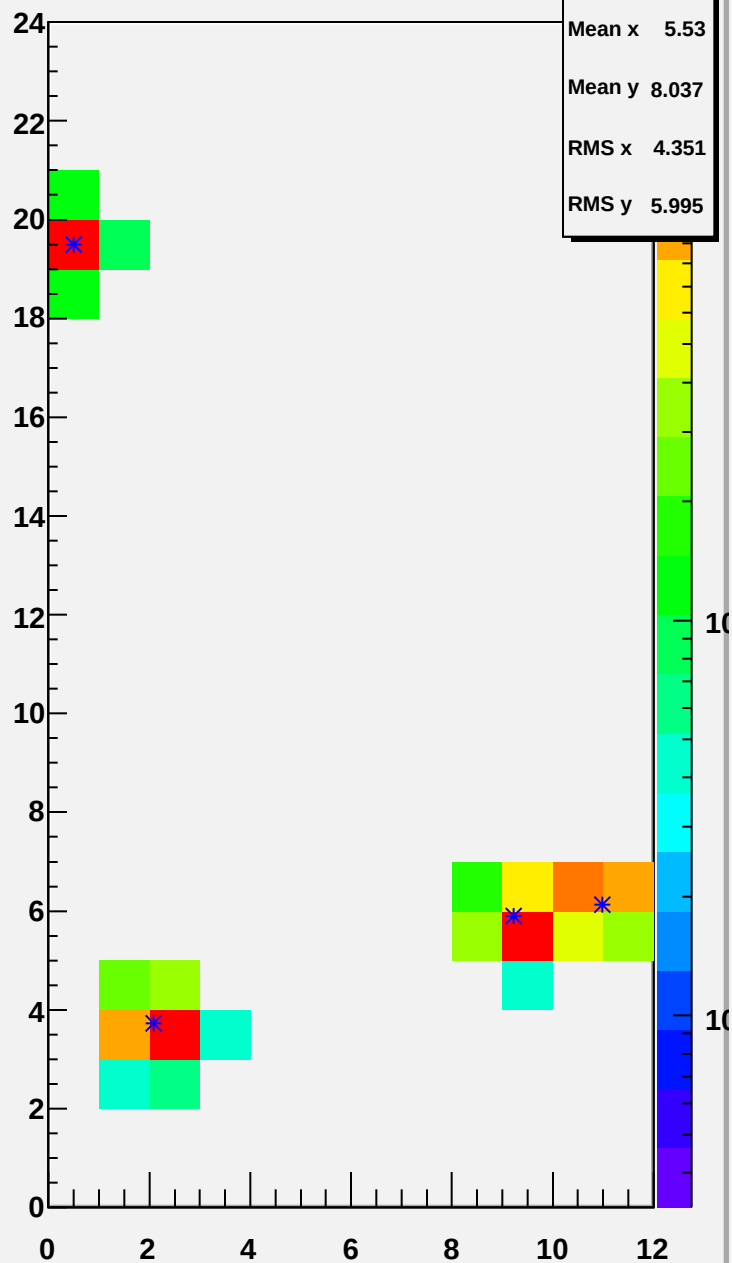
Efit

Entries 288
Mean x 2.405
Mean y 10.6
RMS x 1.88
RMS y 7.313

NSTB3_r4_c3_En=16.0_m0=0.187 m1=0.187 index=1006



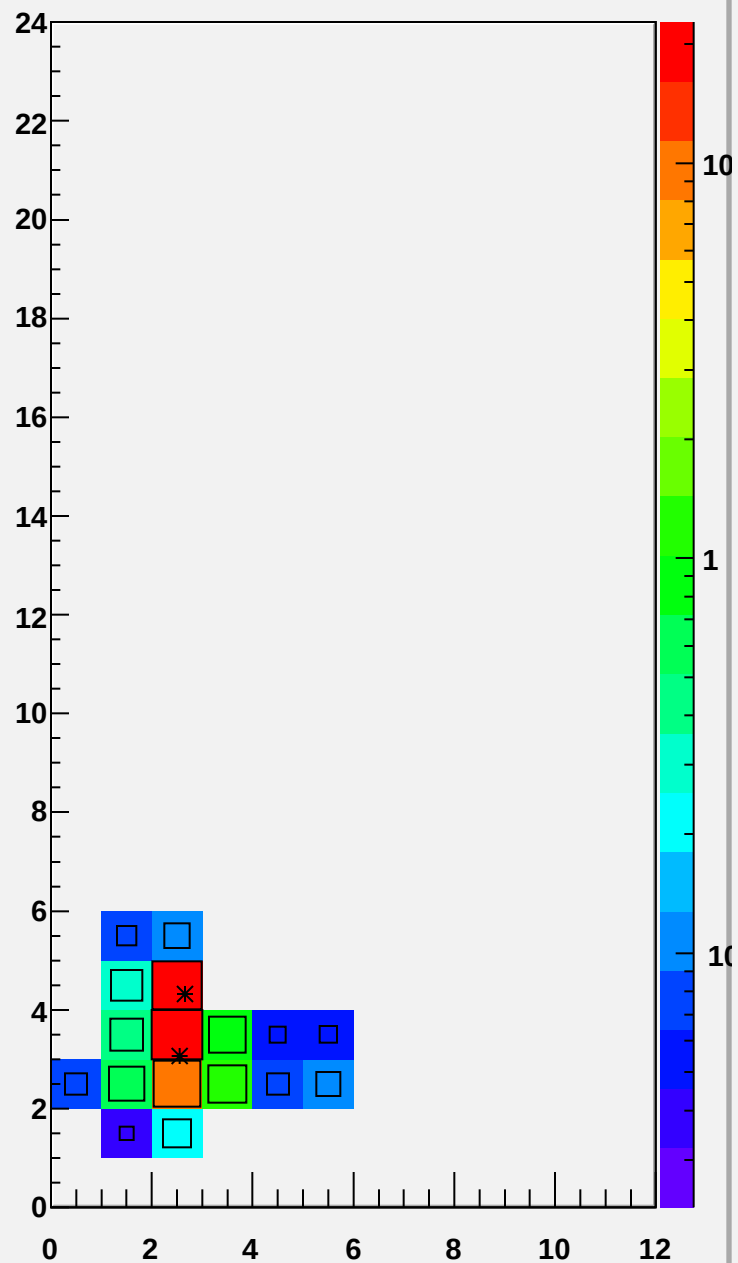
Fitted Energies



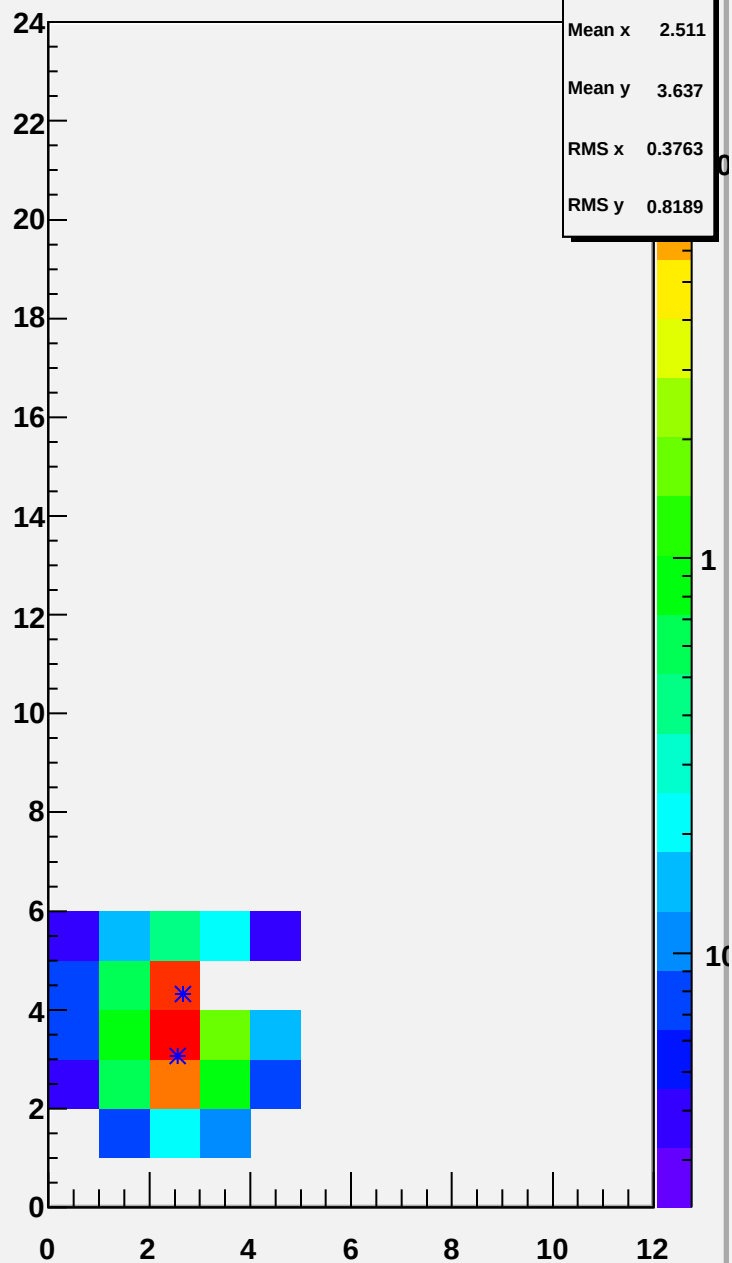
Efit

Entries 288
Mean x 5.53
Mean y 8.037
RMS x 4.351
RMS y 5.995

NSTB3_r4_c3_En=52.5_m0=0.182 m1=0.182 index=1007



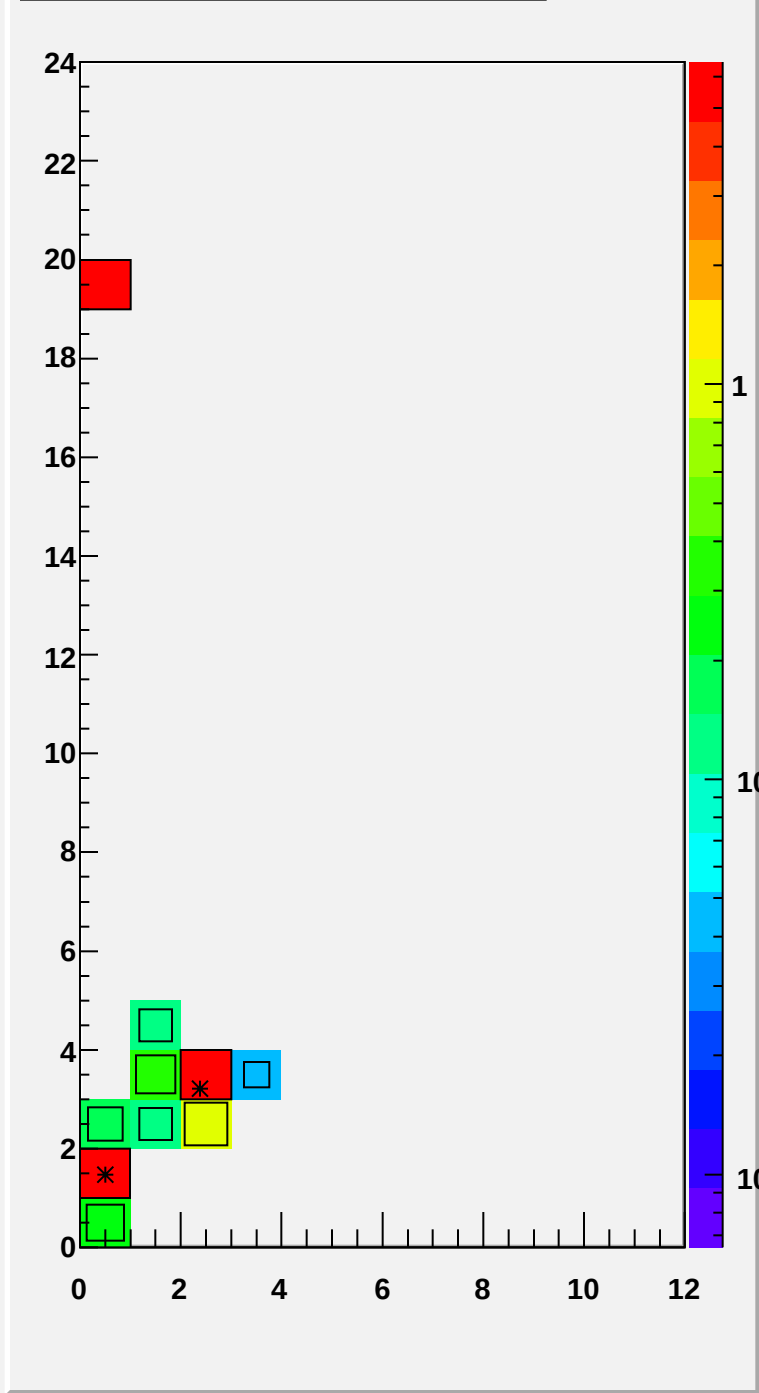
Fitted Energies



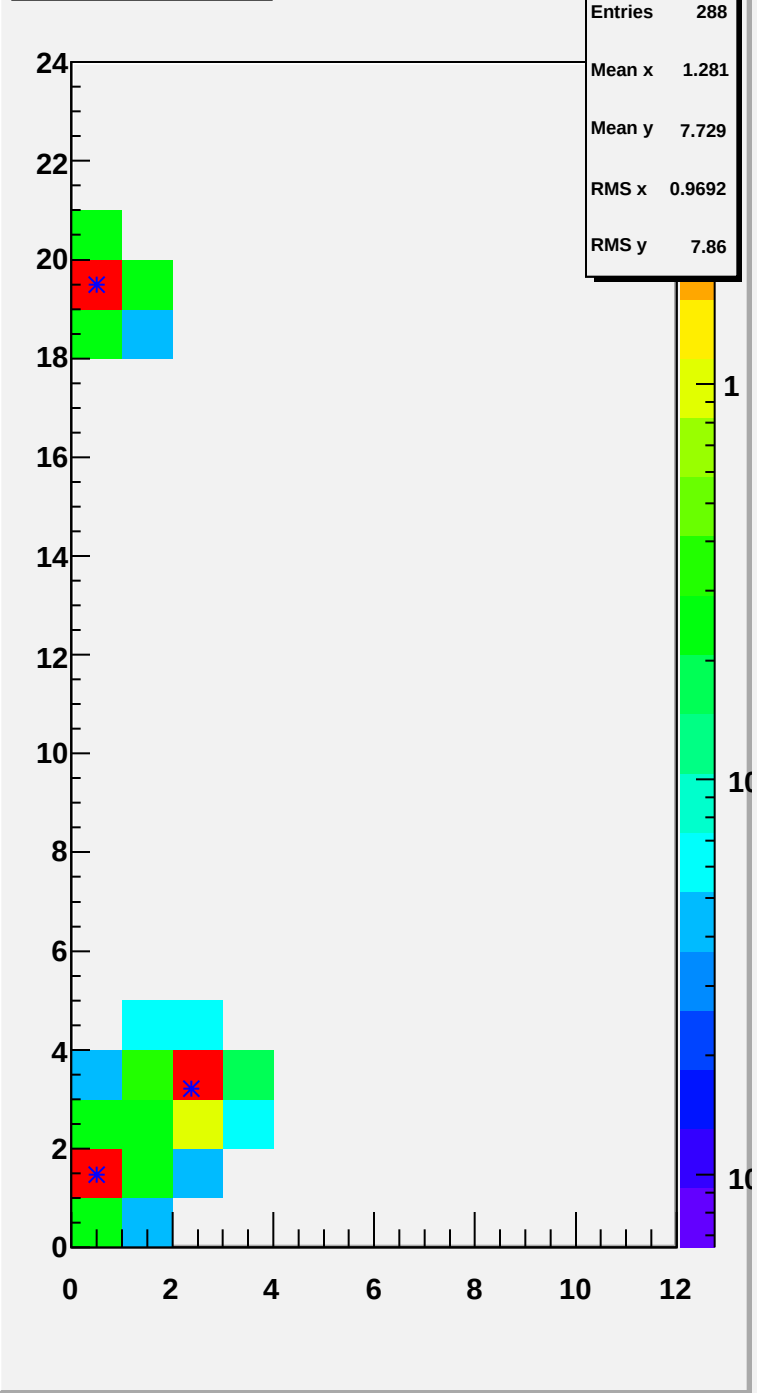
Efit

Entries	288
Mean x	2.511
Mean y	3.637
RMS x	0.3763
RMS y	0.8189

NSTB3_r4_c3_En=20.9_m0=0.108 m1=0.108 index=1008

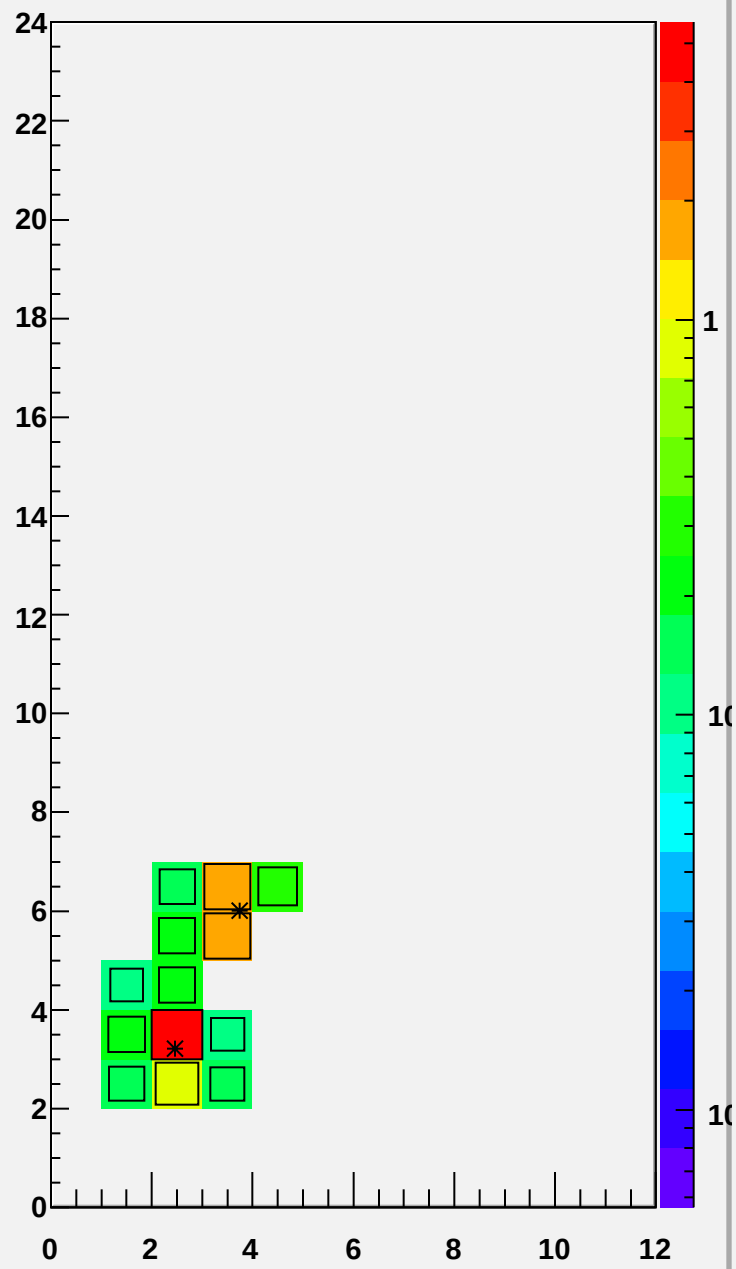


Fitted Energies

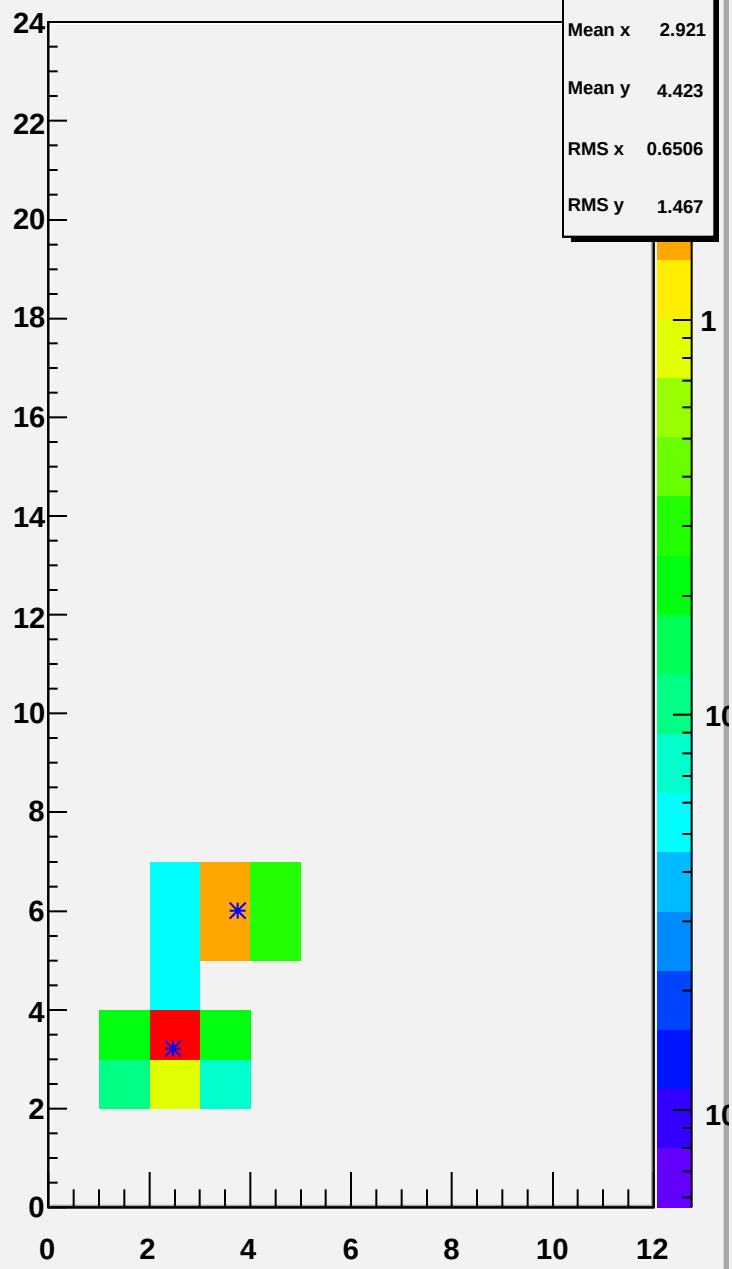


Efit	
Entries	288
Mean x	1.281
Mean y	7.729
RMS x	0.9692
RMS y	7.86

NSTB3_r4_c3_En=11.9_m0=0.101 m1=0.101 index=1009



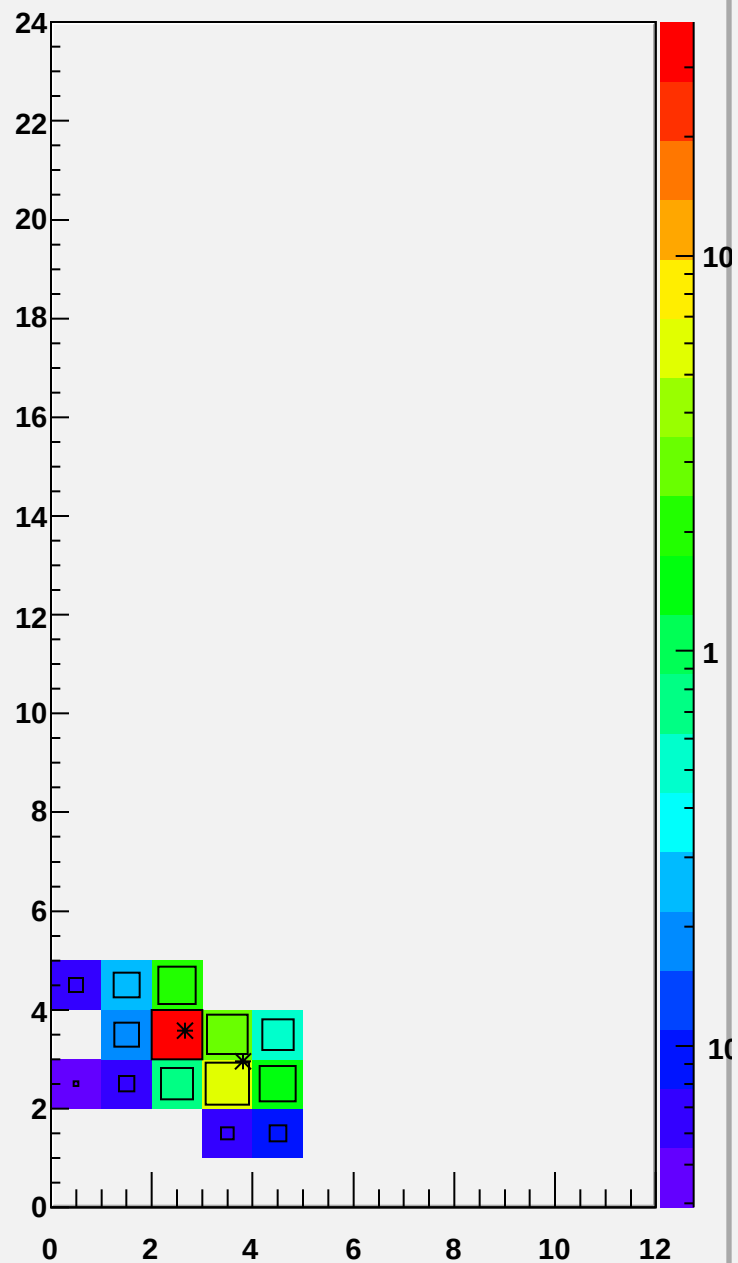
Fitted Energies



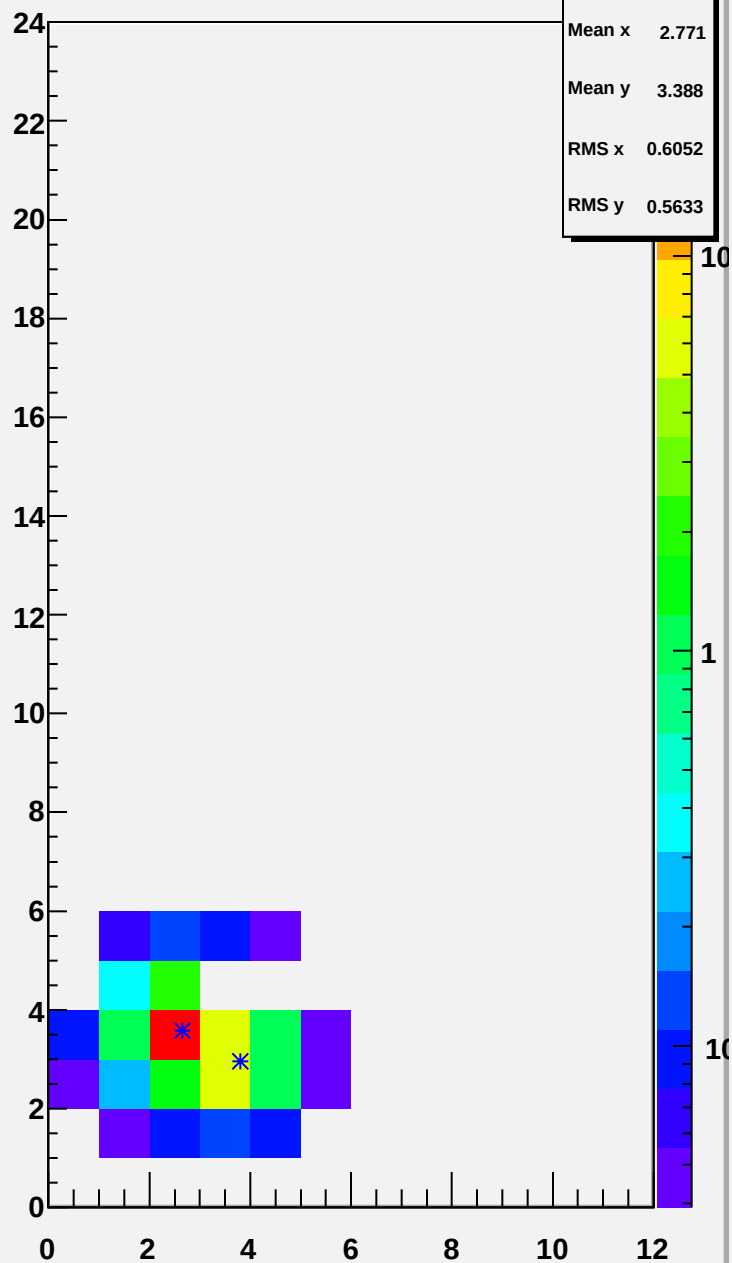
Efit

Entries	288
Mean x	2.921
Mean y	4.423
RMS x	0.6506
RMS y	1.467

NSTB3_r4_c3_En=53.5_m0=0.167 m1=0.167 index=1010



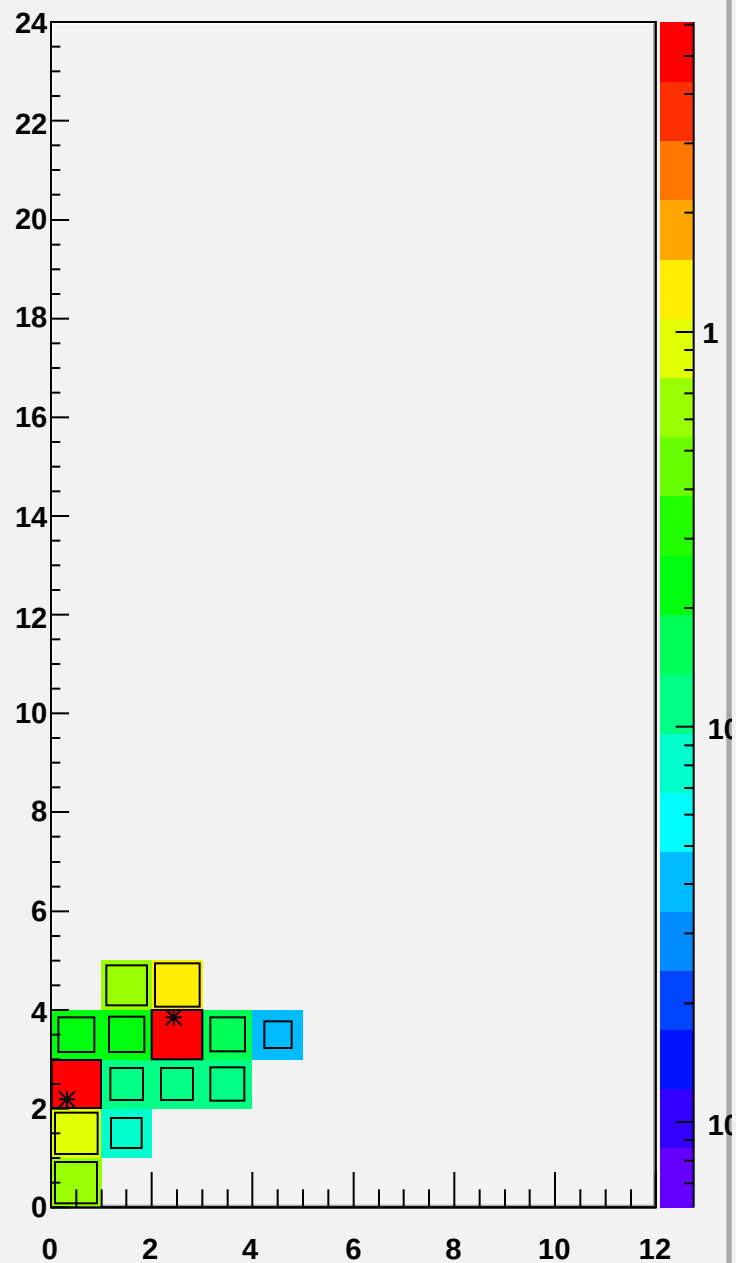
Fitted Energies



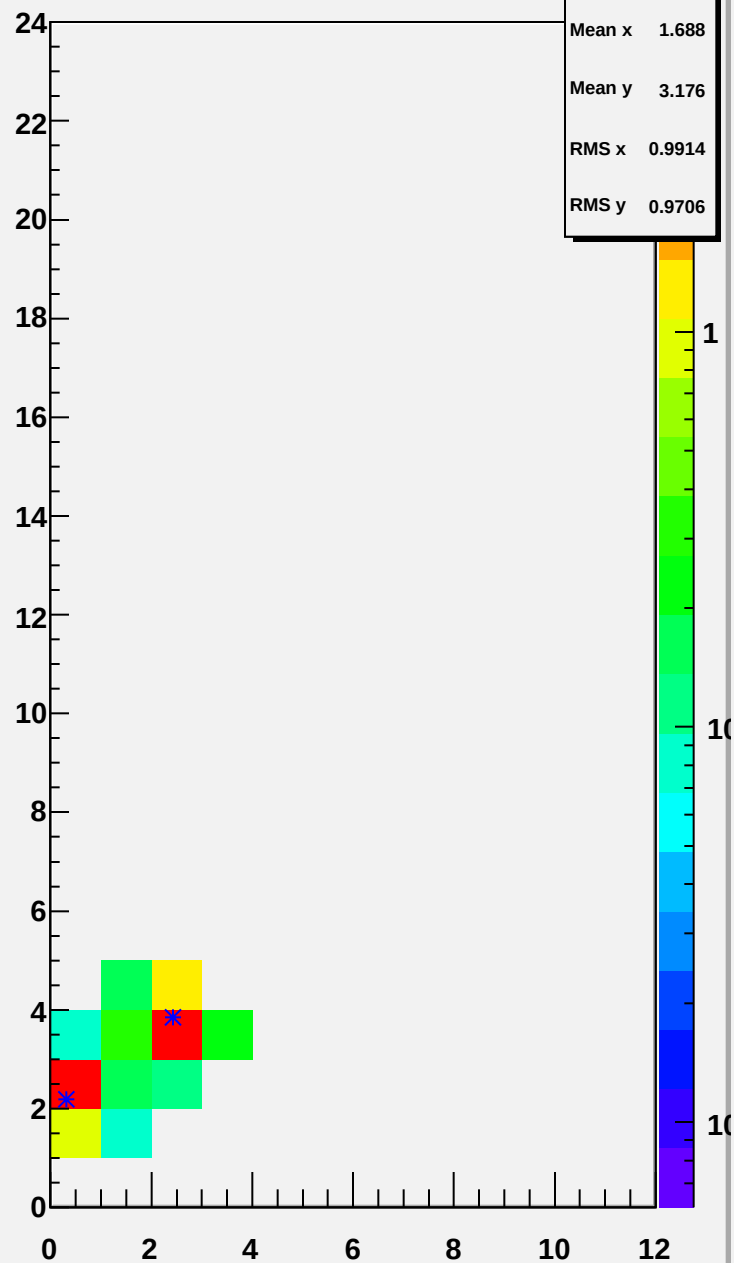
Efit

Entries	288
Mean x	2.771
Mean y	3.388
RMS x	0.6052
RMS y	0.5633

NSTB3_r4_c3_En=15.1_m0=0.109 m1=0.109 index=1011



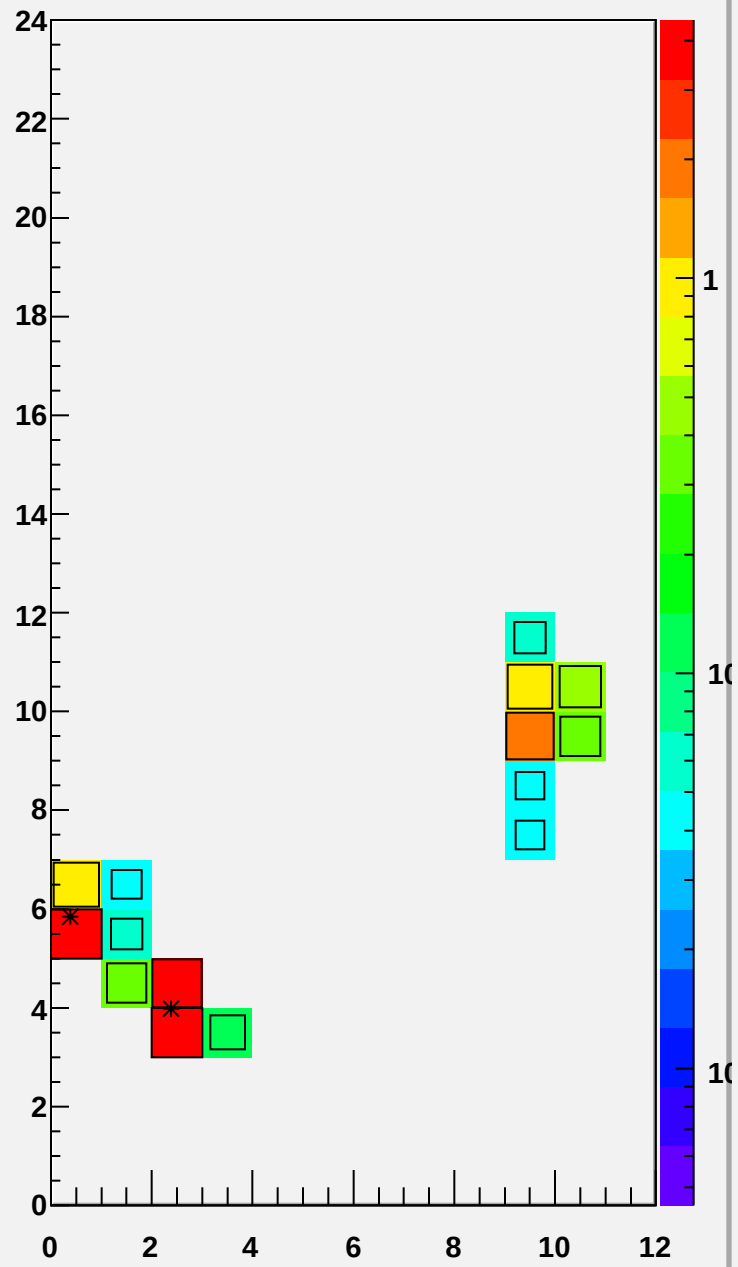
Fitted Energies



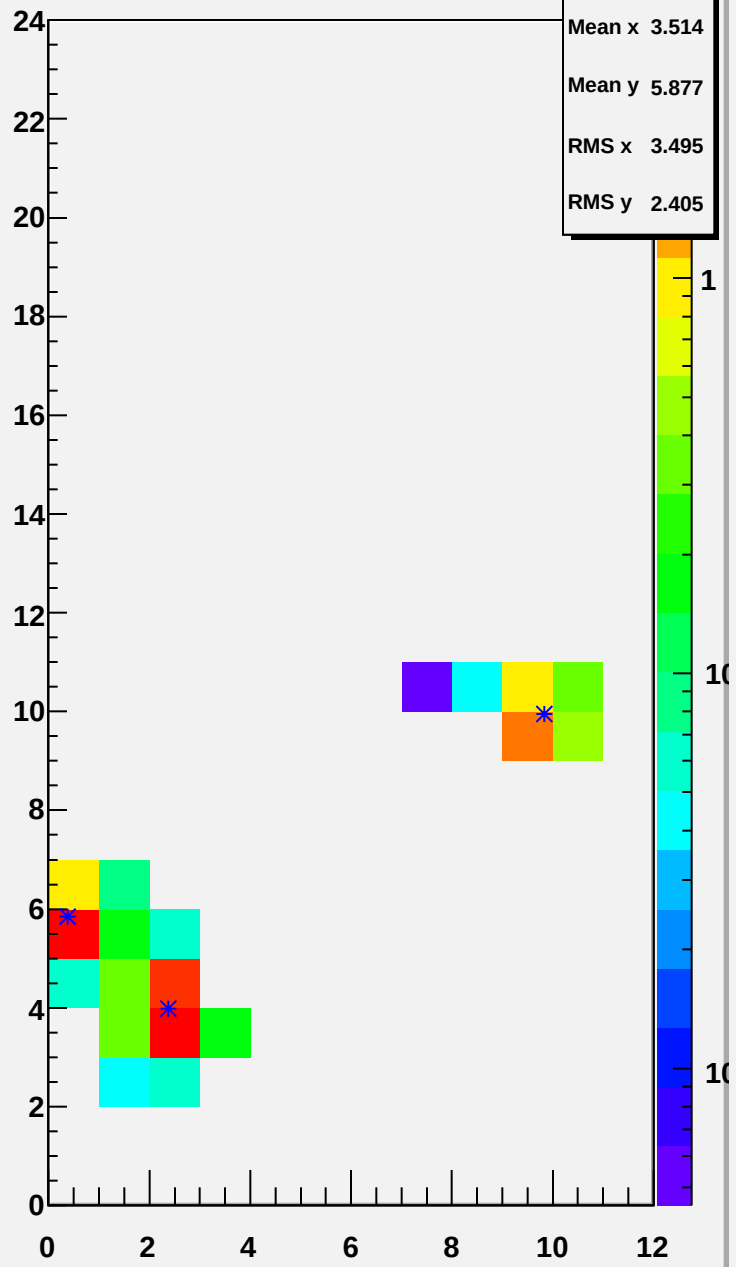
Efit

Entries	288
Mean x	1.688
Mean y	3.176
RMS x	0.9914
RMS y	0.9706

NSTB3_r4_c3_En=17.9_m0=0.110_m1=0.110_index=1012



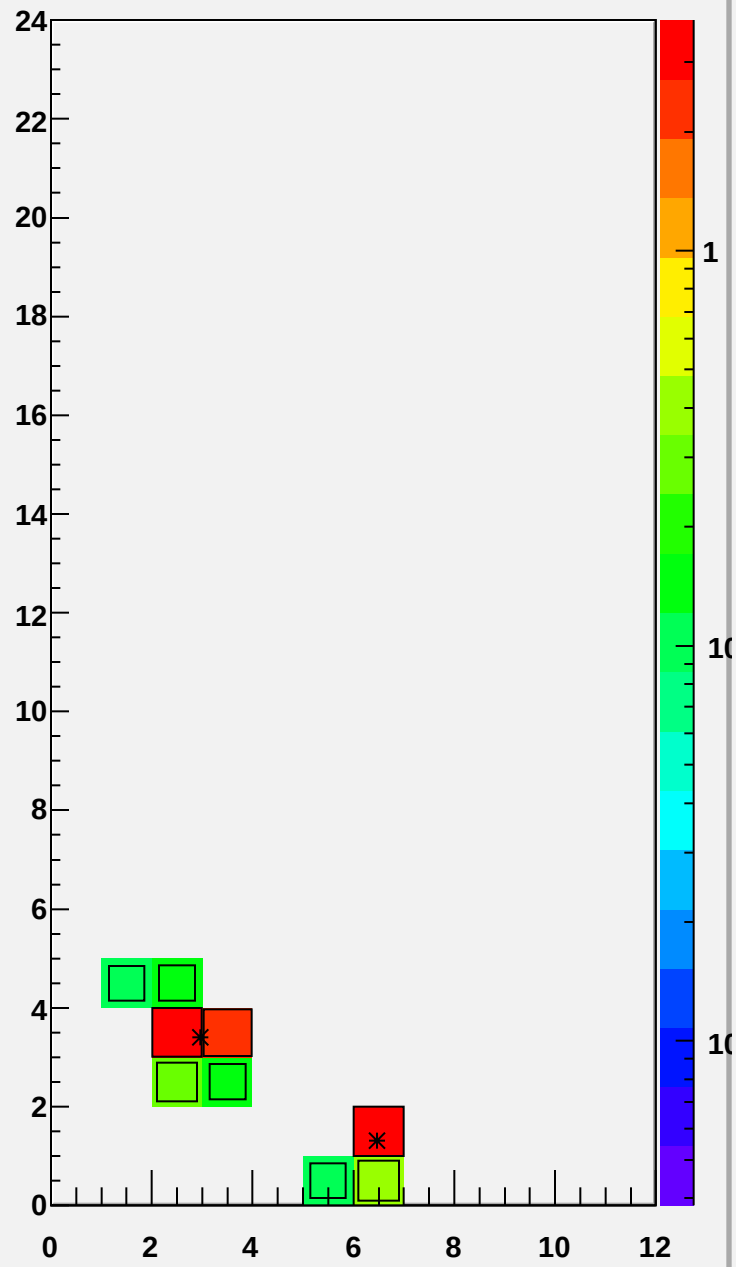
Fitted Energies



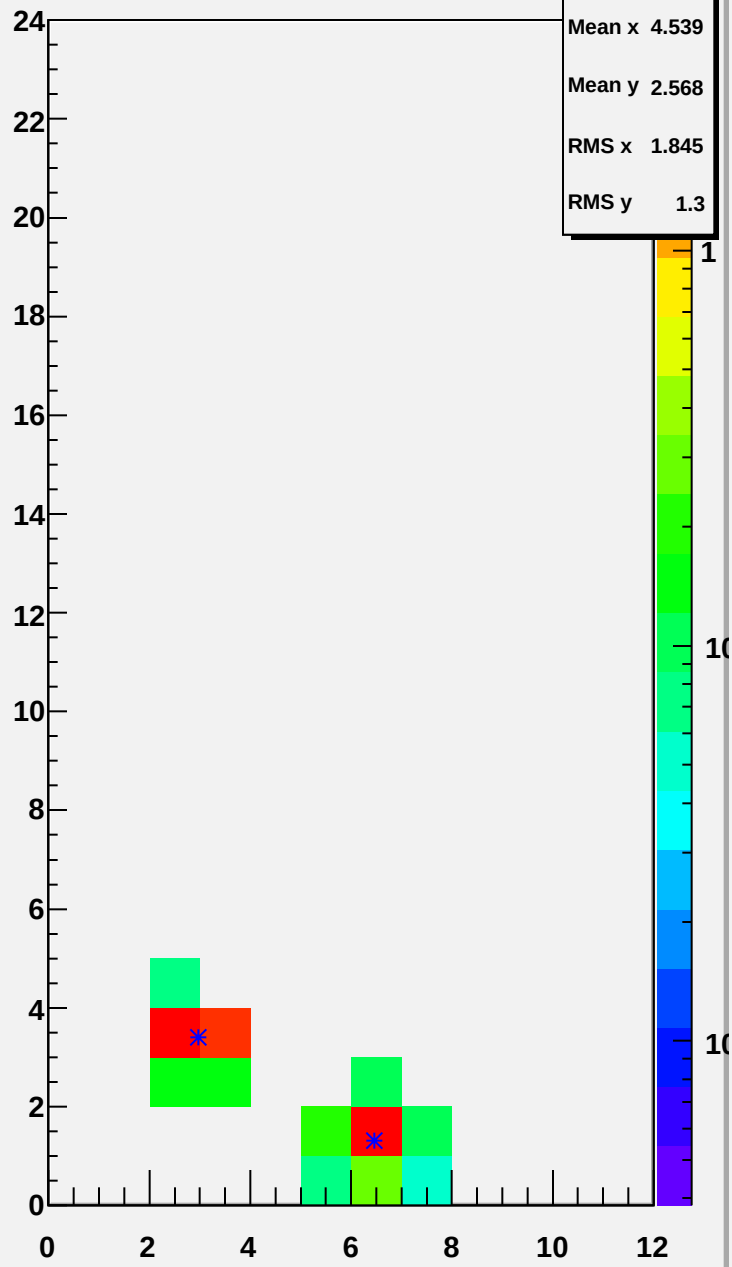
Efit

Entries 288
Mean x 3.514
Mean y 5.877
RMS x 3.495
RMS y 2.405

NSTB3_r4_c3_En=10.0_m0=0.117 m1=0.117 index=1015



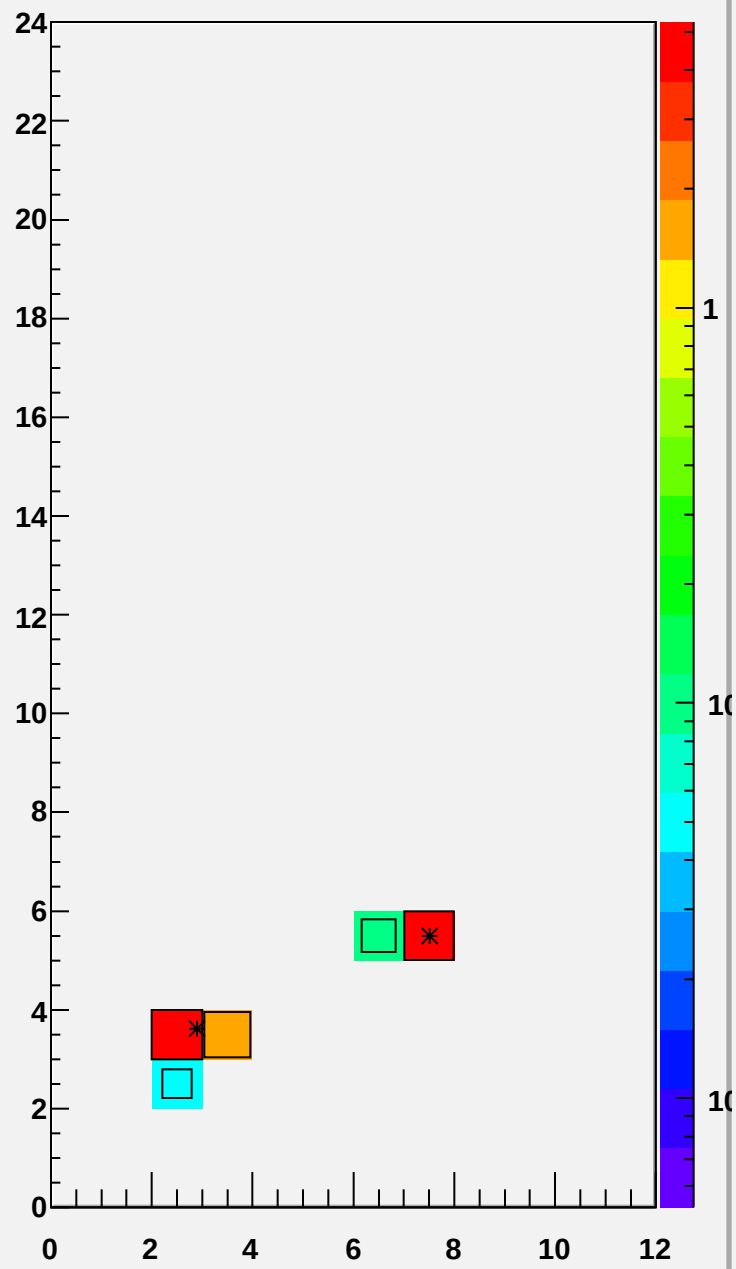
Fitted Energies



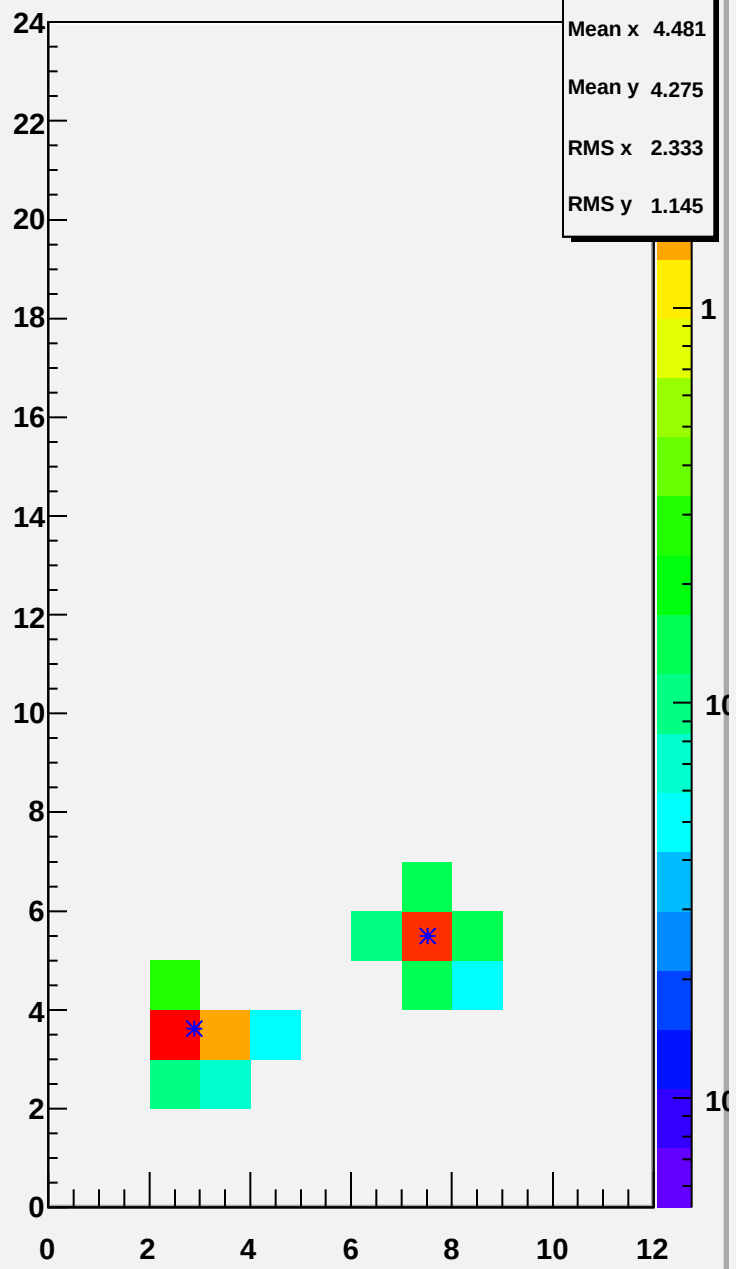
Efit

Entries 288
Mean x 4.539
Mean y 2.568
RMS x 1.845
RMS y 1.3

NSTB3_r4_c3_En=11.2_m0=0.162 m1=0.162 index=1016



Fitted Energies



Efit

Entries 288

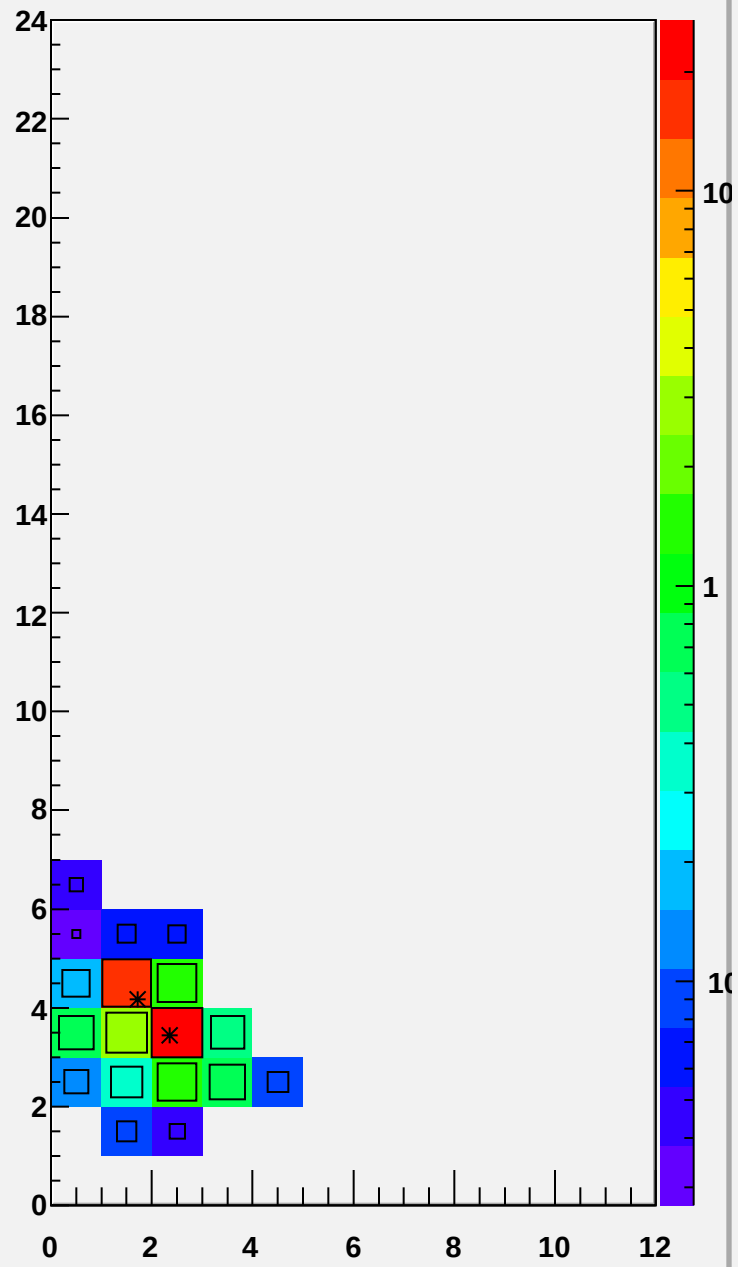
Mean x 4.481

Mean y 4.275

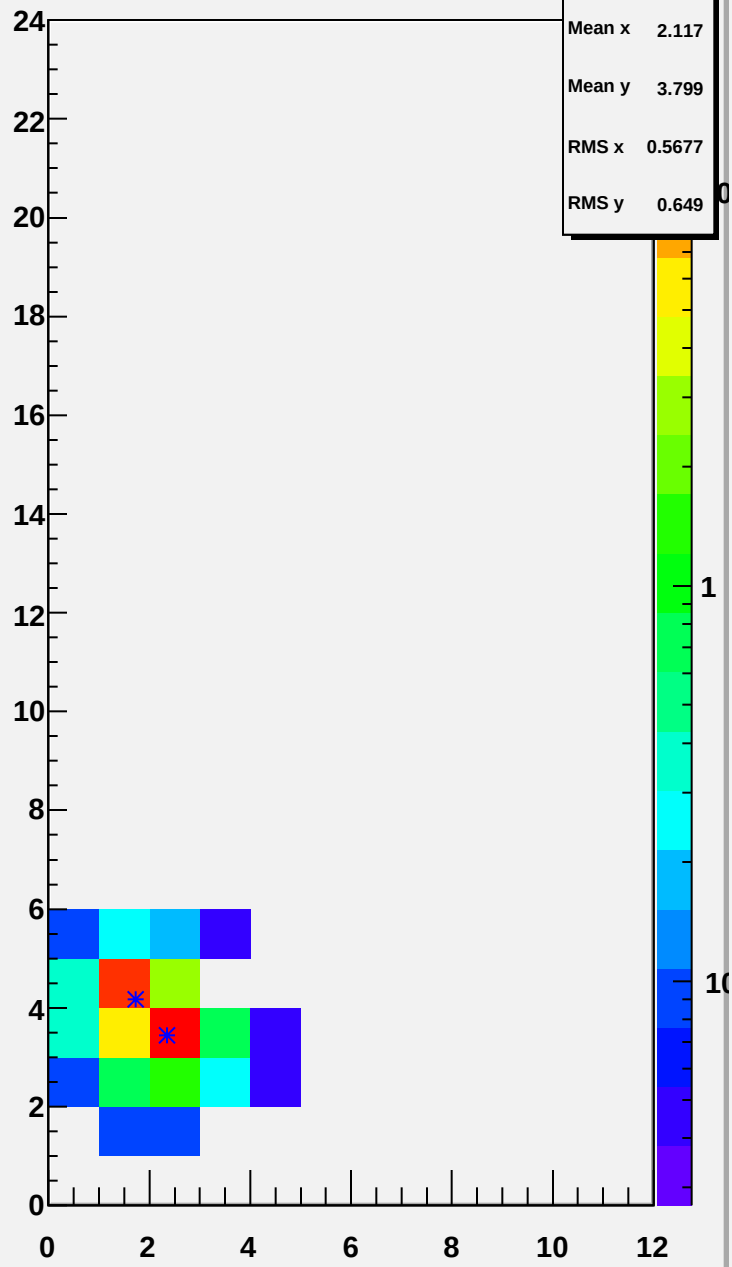
RMS x 2.333

RMS y 1.145

NSTB3_r4_c3_En=50.2_m0=0.140 m1=0.140 index=1018



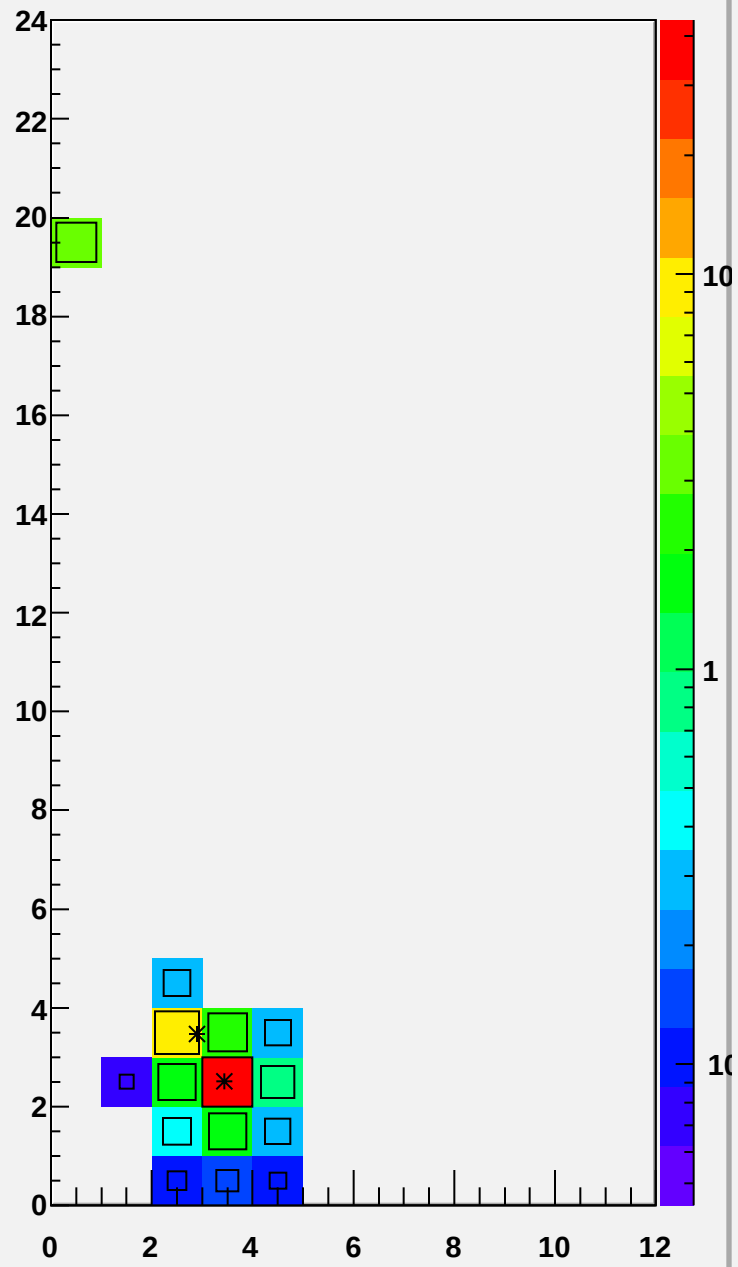
Fitted Energies



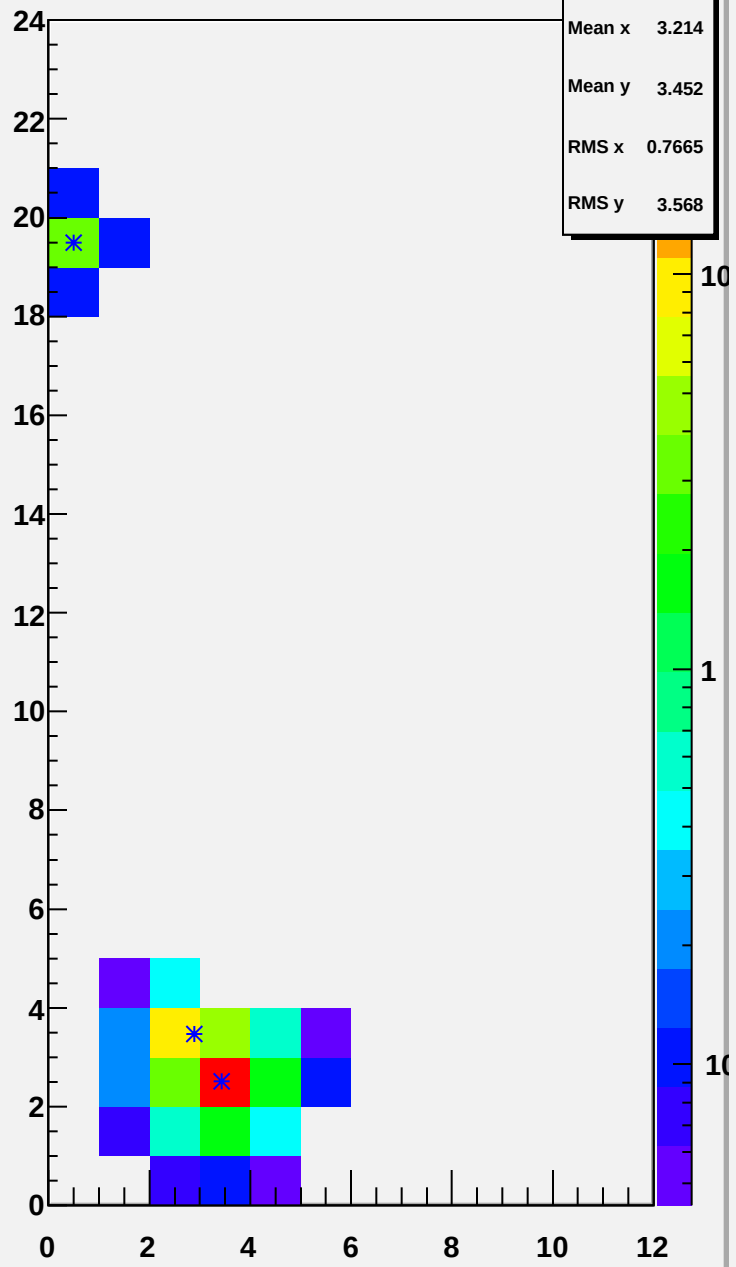
Efit

Entries	288
Mean x	2.117
Mean y	3.799
RMS x	0.5677
RMS y	0.649

NSTB3_r4_c3_En=63.9_m0=0.153 m1=0.153 index=1019



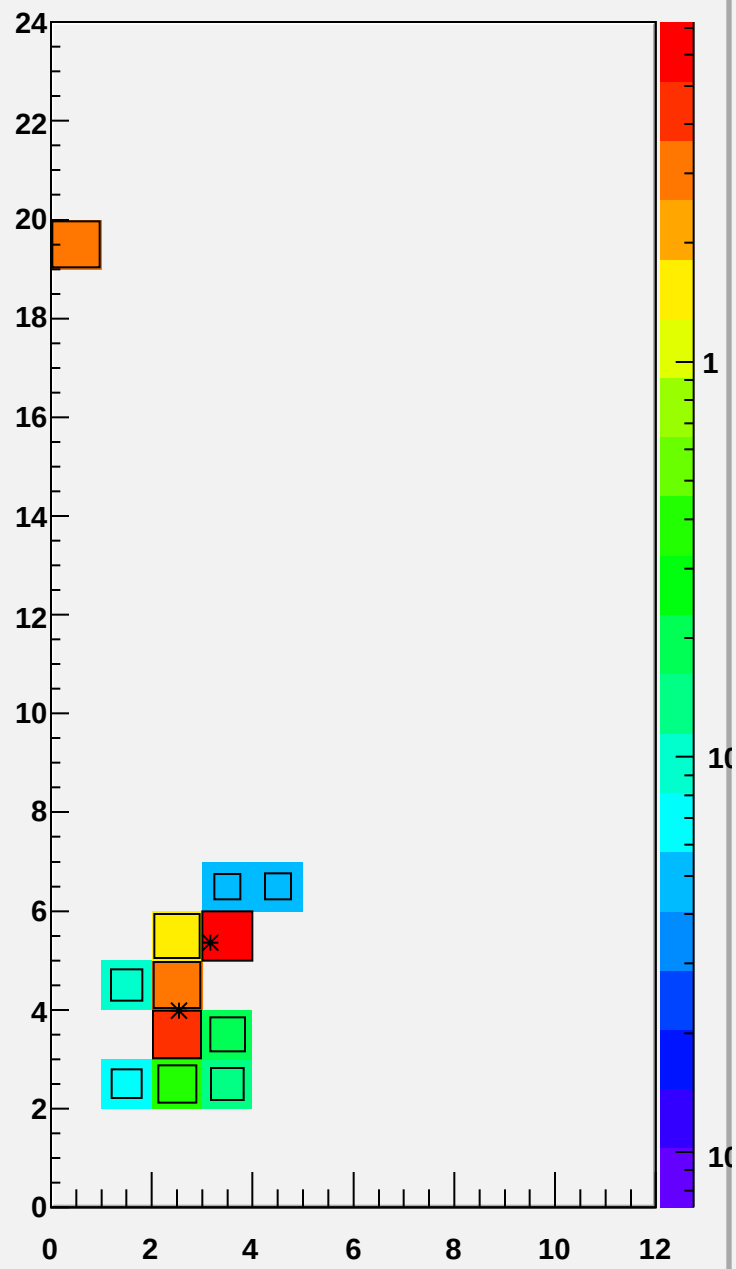
Fitted Energies



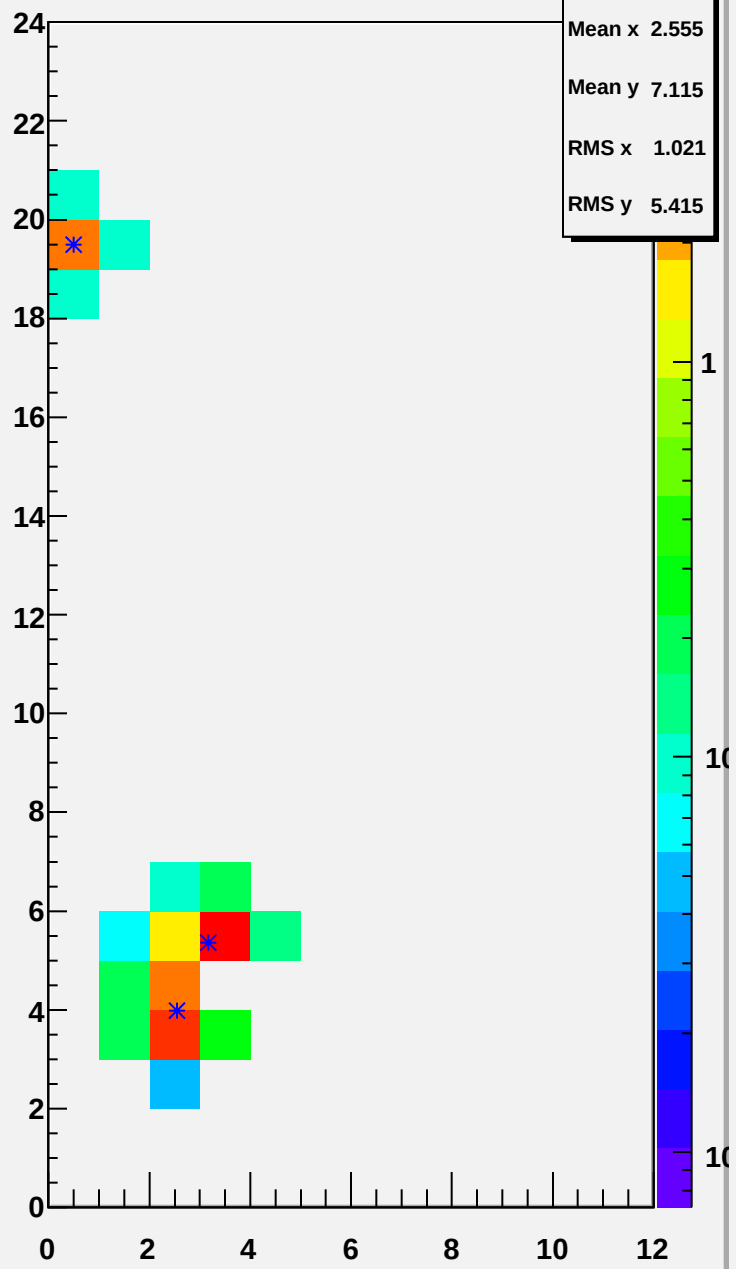
Efit

Entries	288
Mean x	3.214
Mean y	3.452
RMS x	0.7665
RMS y	3.568

NSTB3_r4_c3_En=20.2_m0=0.076 m1=0.076 index=1020



Fitted Energies



Efit

Entries 288

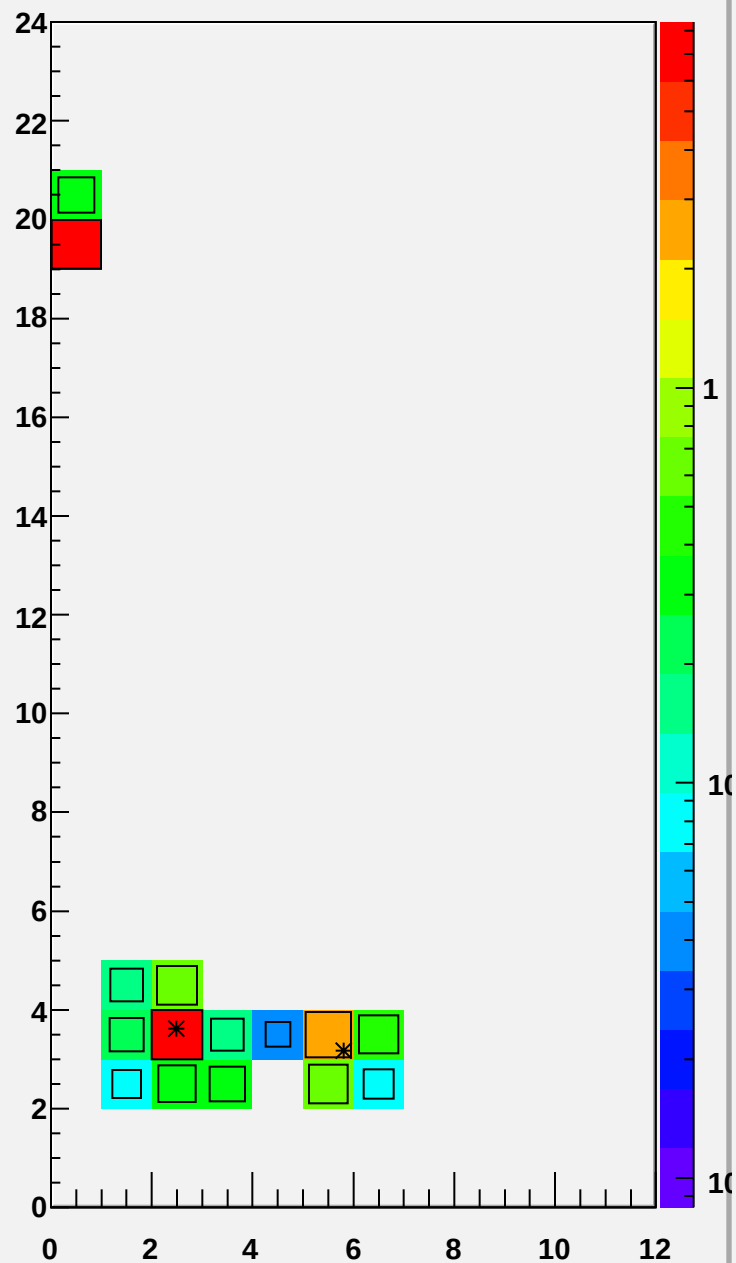
Mean x 2.555

Mean y 7.115

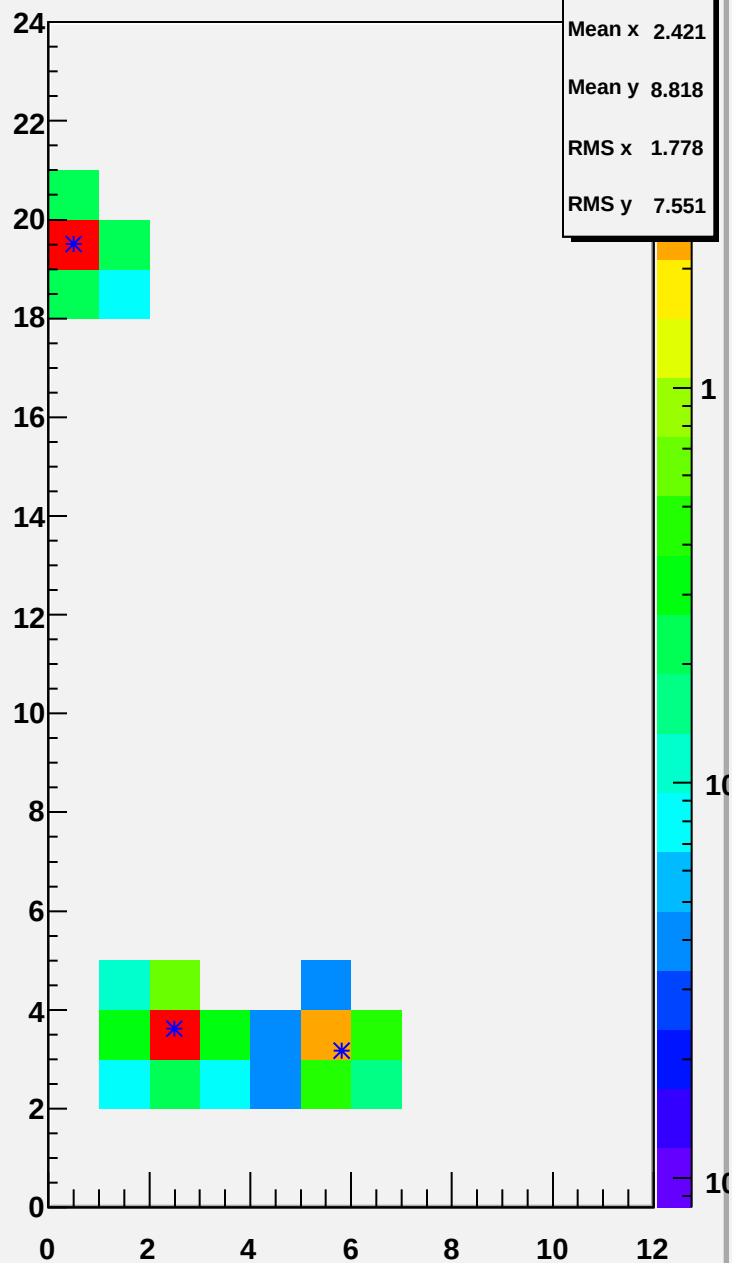
RMS x 1.021

RMS y 5.415

NSTB3_r4_c3_En=20.9_m0=0.116 m1=0.116 index=1021



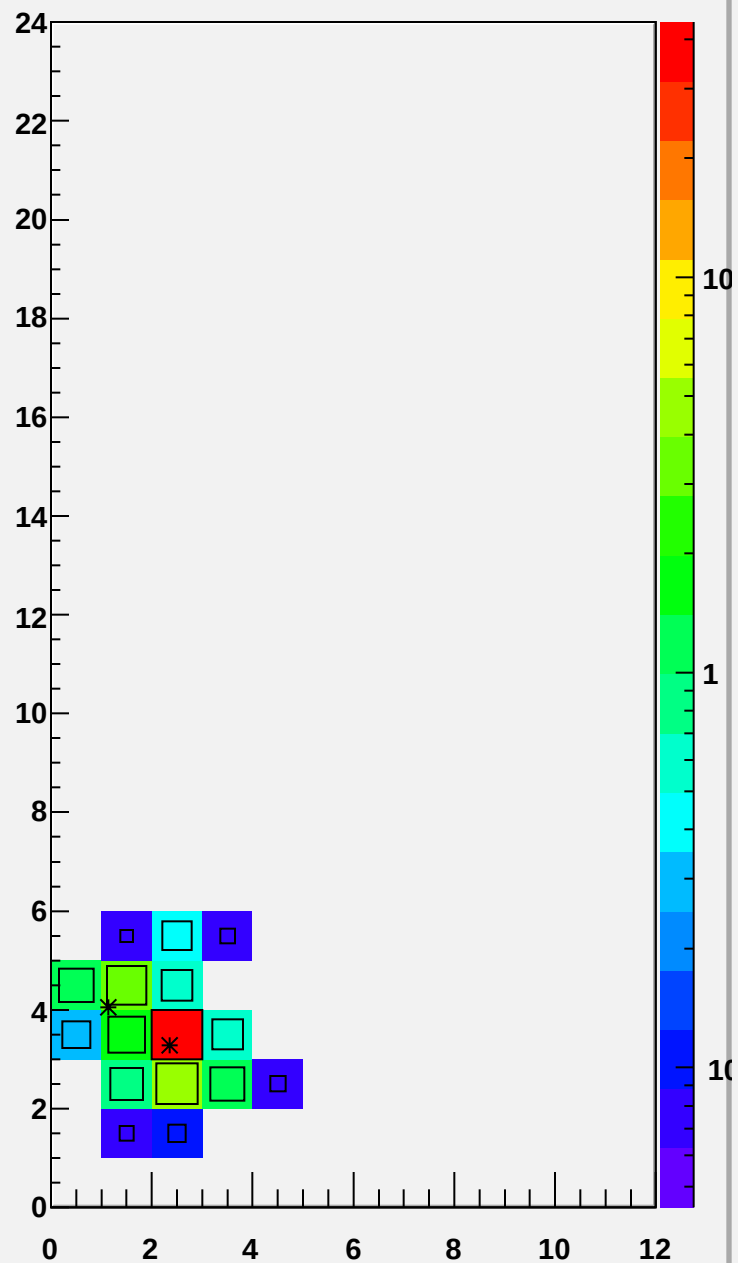
Fitted Energies



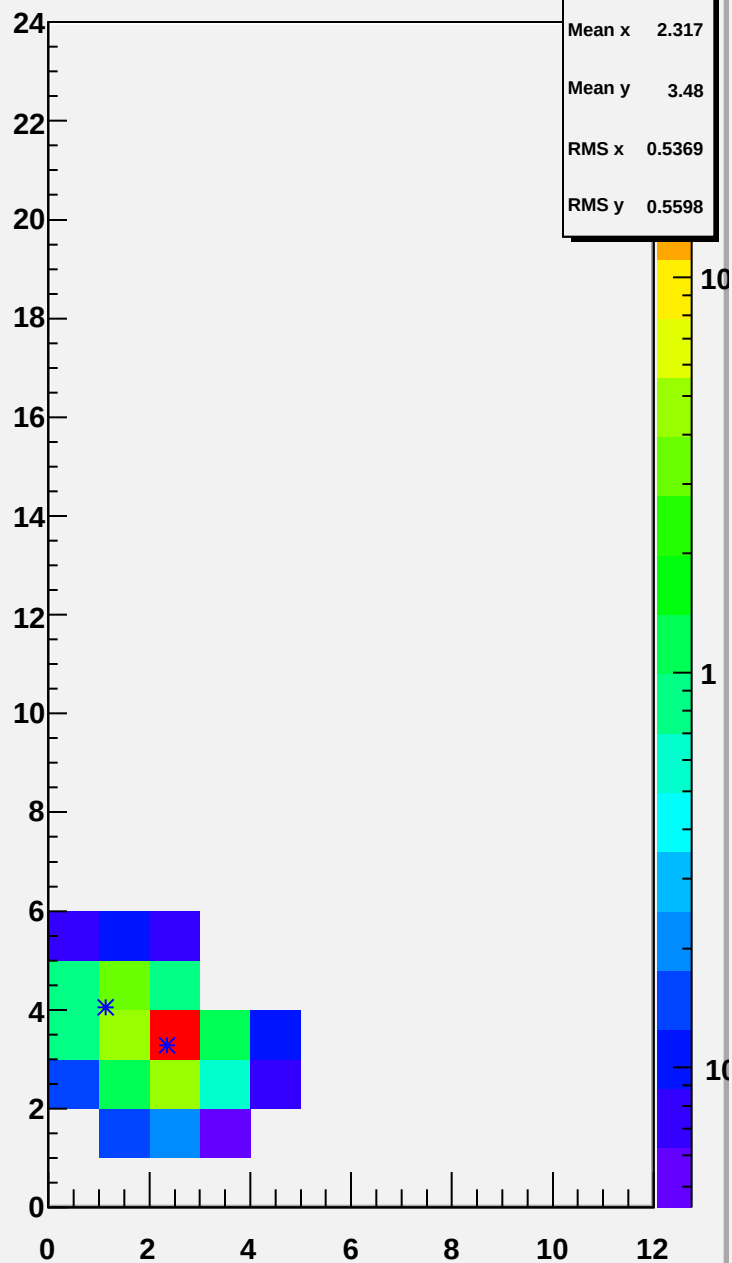
Efit

Entries 288
Mean x 2.421
Mean y 8.818
RMS x 1.778
RMS y 7.551

NSTB3_r4_c3_En=59.3_m0=0.153 m1=0.152 index=1022



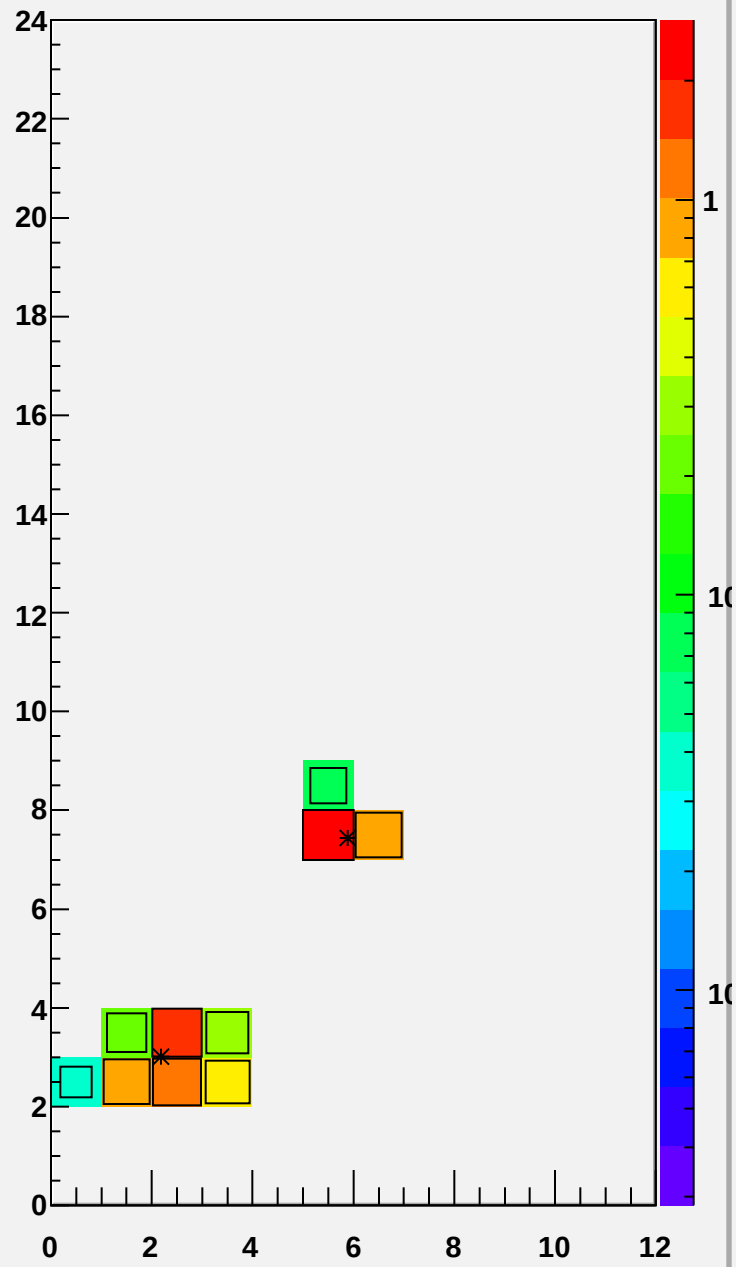
Fitted Energies



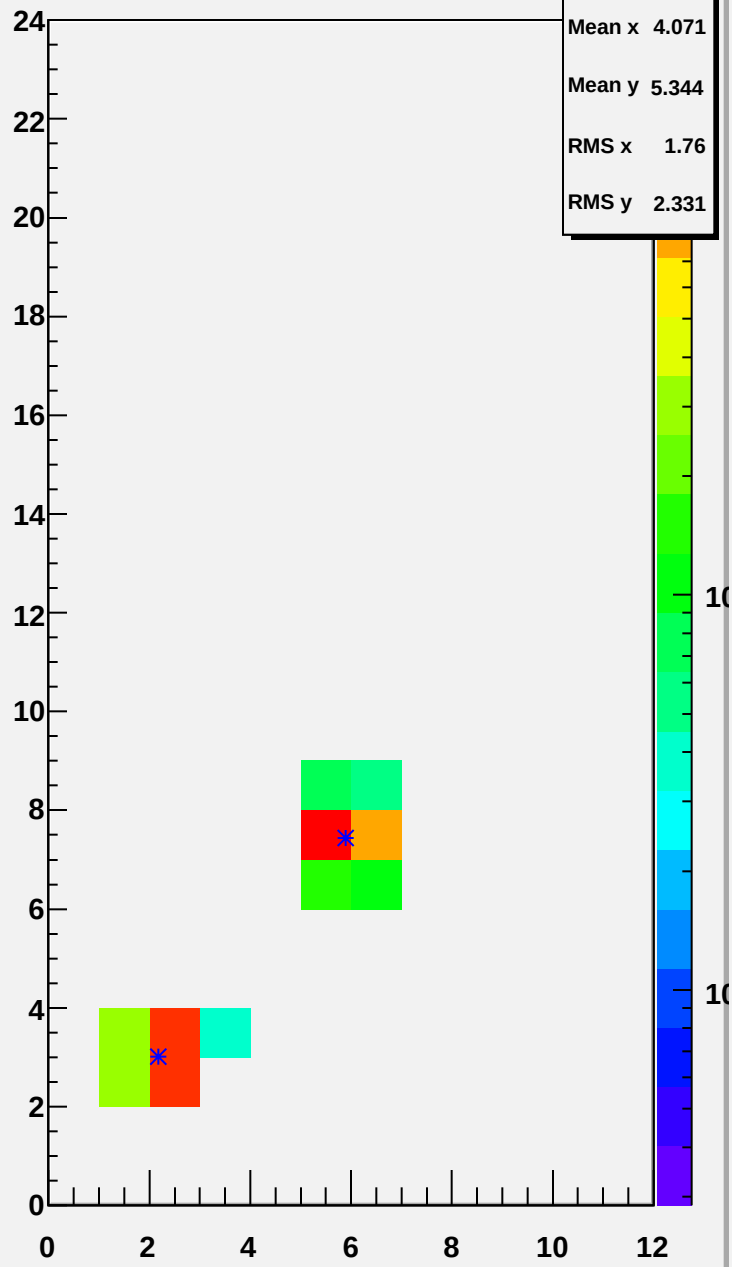
Efit

Entries	288
Mean x	2.317
Mean y	3.48
RMS x	0.5369
RMS y	0.5598

NSTB3_r4_c3_En= 9.1_m0=0.138 m1=0.138 index=1023



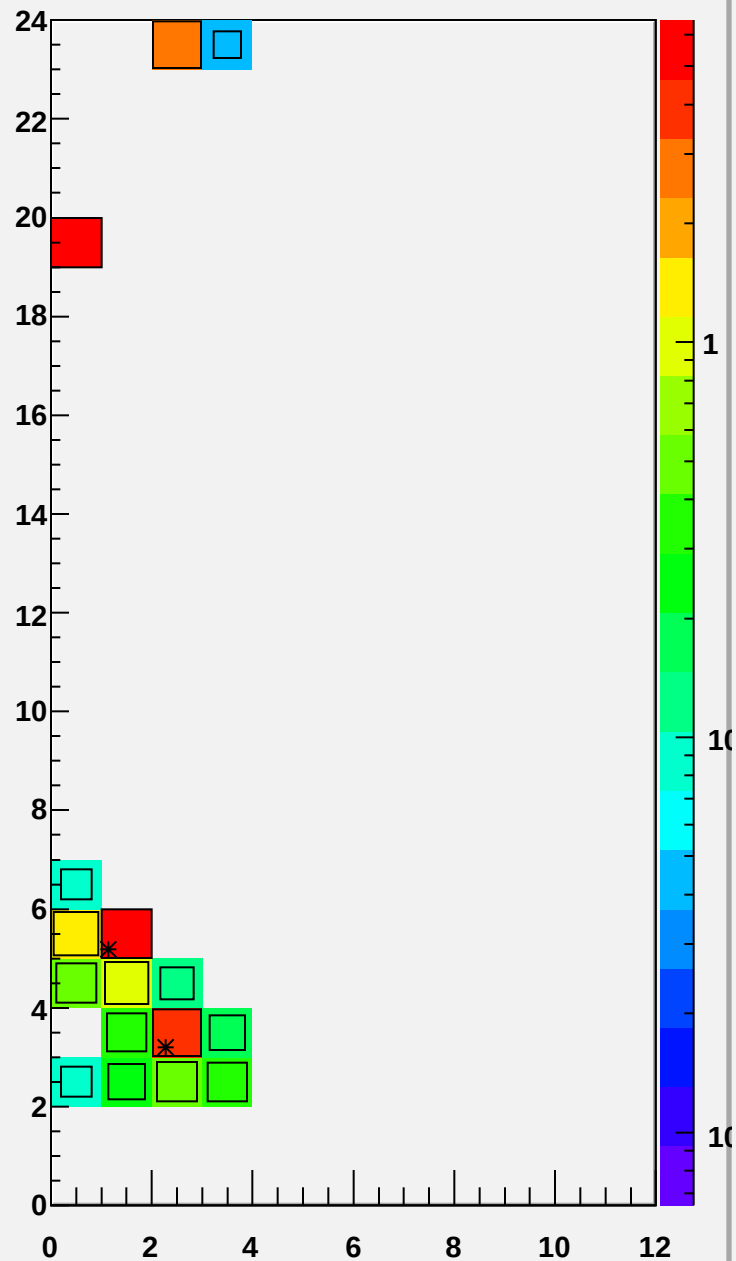
Fitted Energies



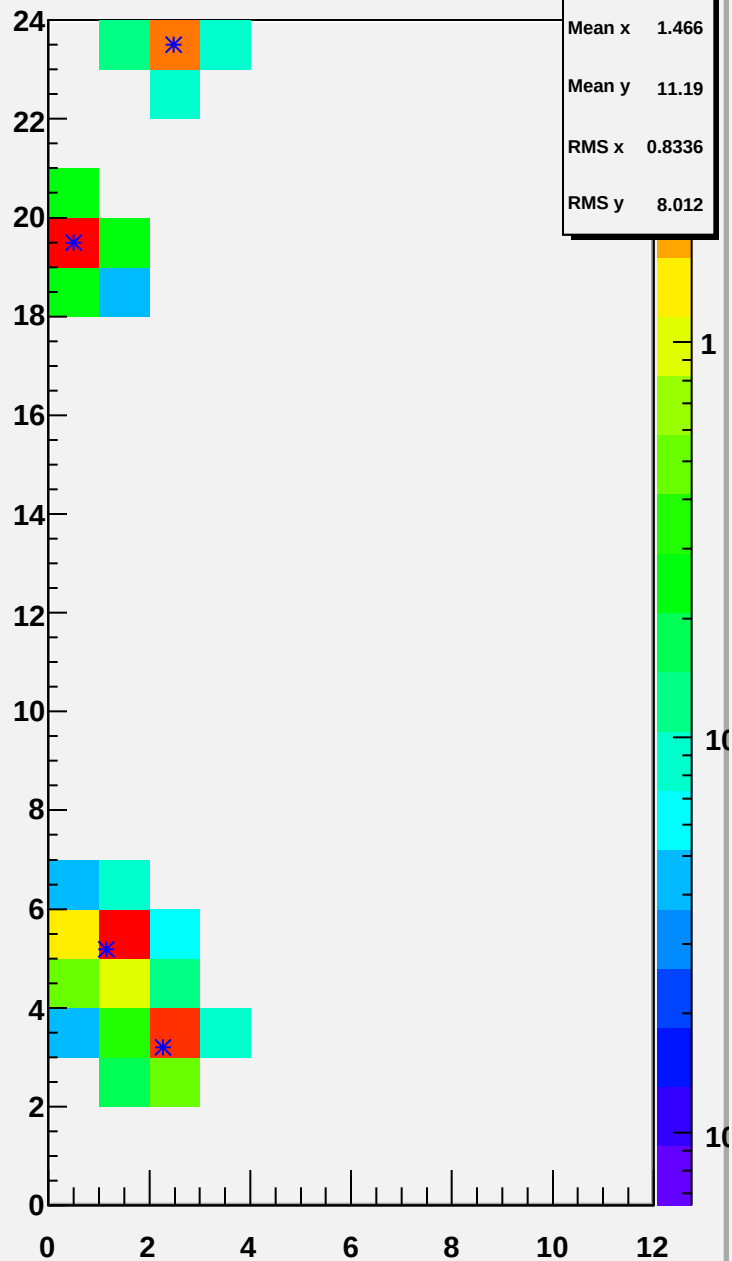
Efit

Entries 288
Mean x 4.071
Mean y 5.344
RMS x 1.76
RMS y 2.331

NSTB3_r4_c3_En=24.2_m0=0.086 m1=0.086 index=1024



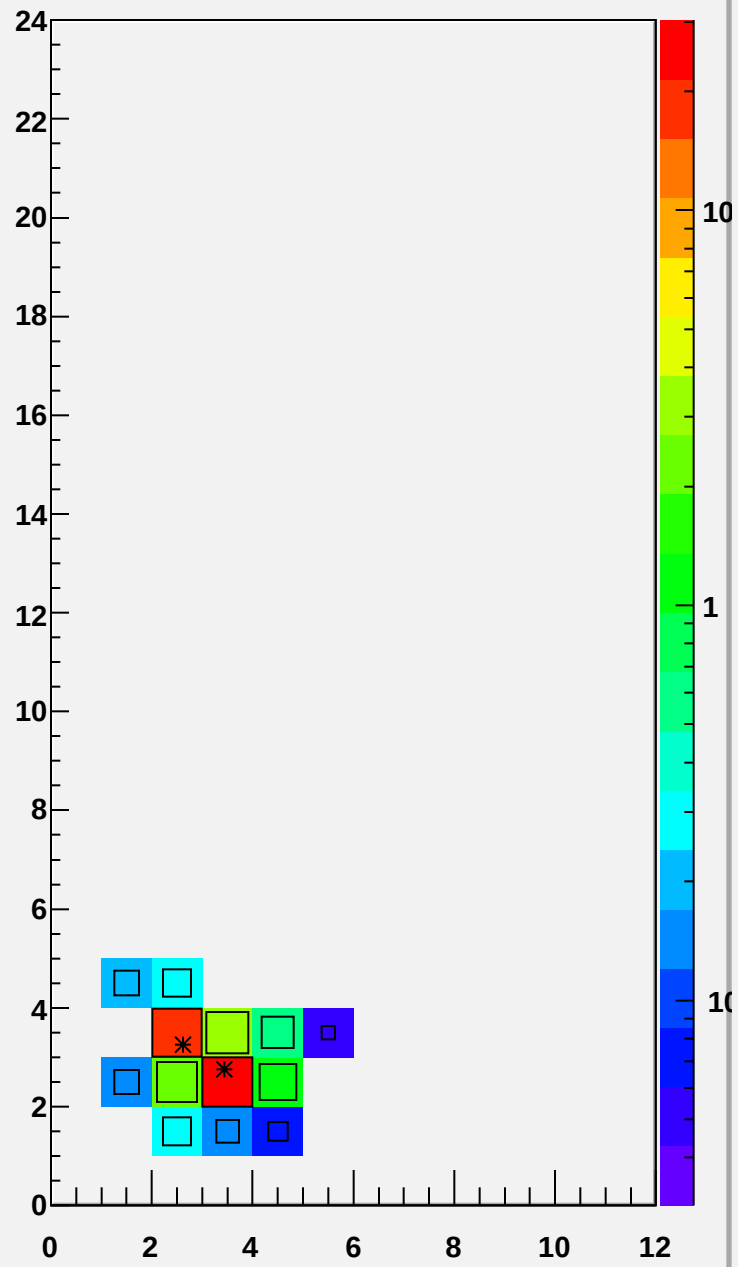
Fitted Energies



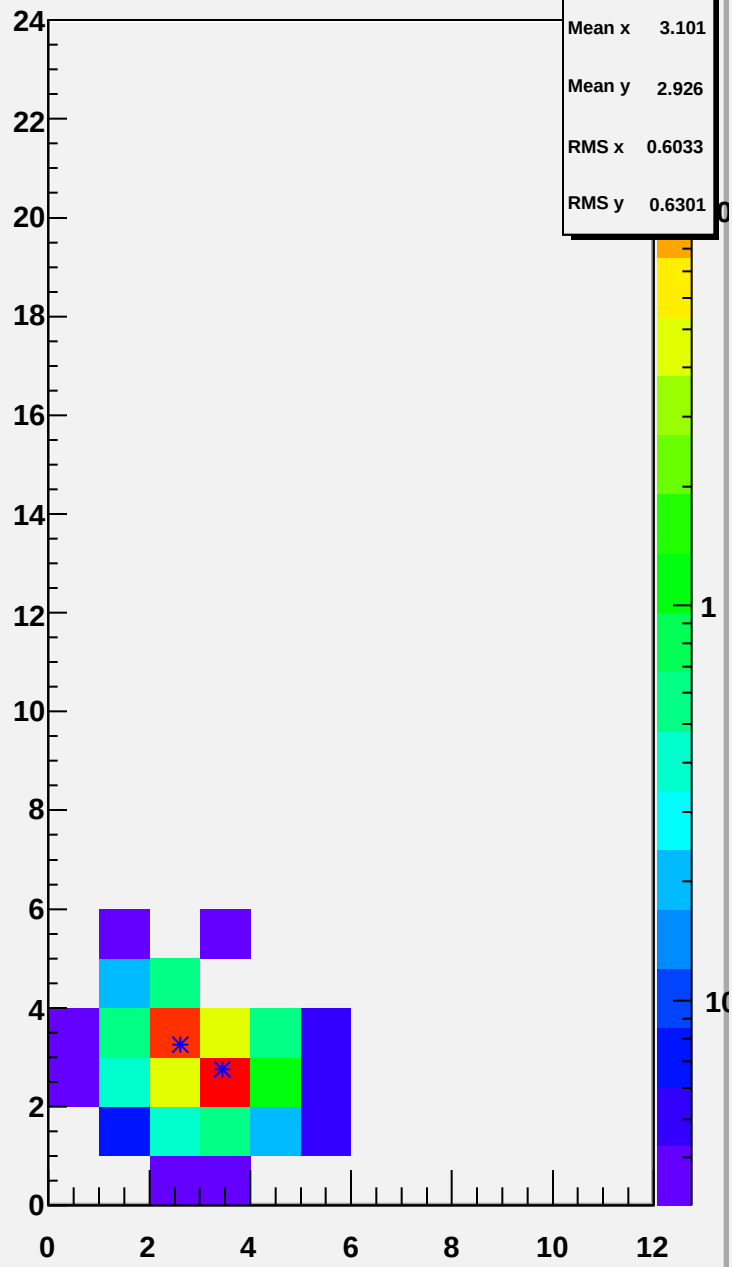
Efit

Entries	288
Mean x	1.466
Mean y	11.19
RMS x	0.8336
RMS y	8.012

NSTB3_r4_c3_En=59.7_m0=0.171 m1=0.170 index=1026



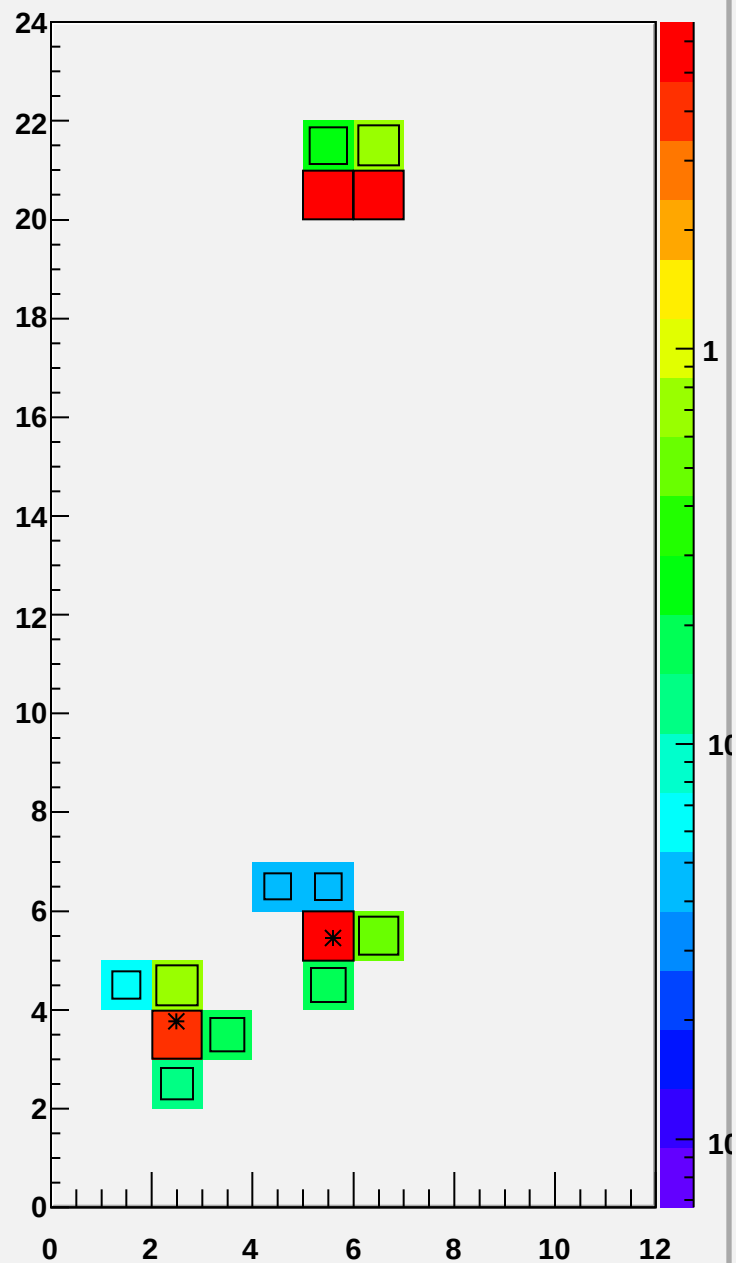
Fitted Energies



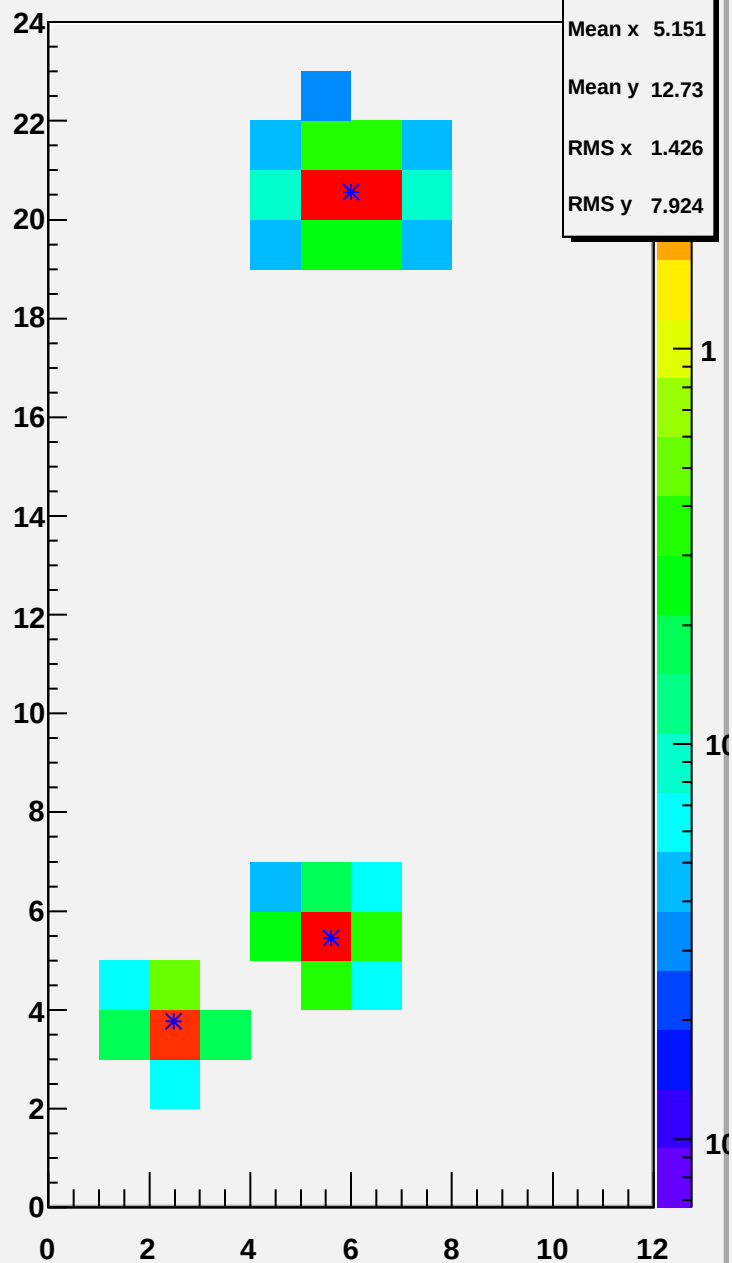
Efit

Entries	288
Mean x	3.101
Mean y	2.926
RMS x	0.6033
RMS y	0.6301

NSTB3_r4_c3_En=25.7_m0=0.133 m1=0.133 index=1027



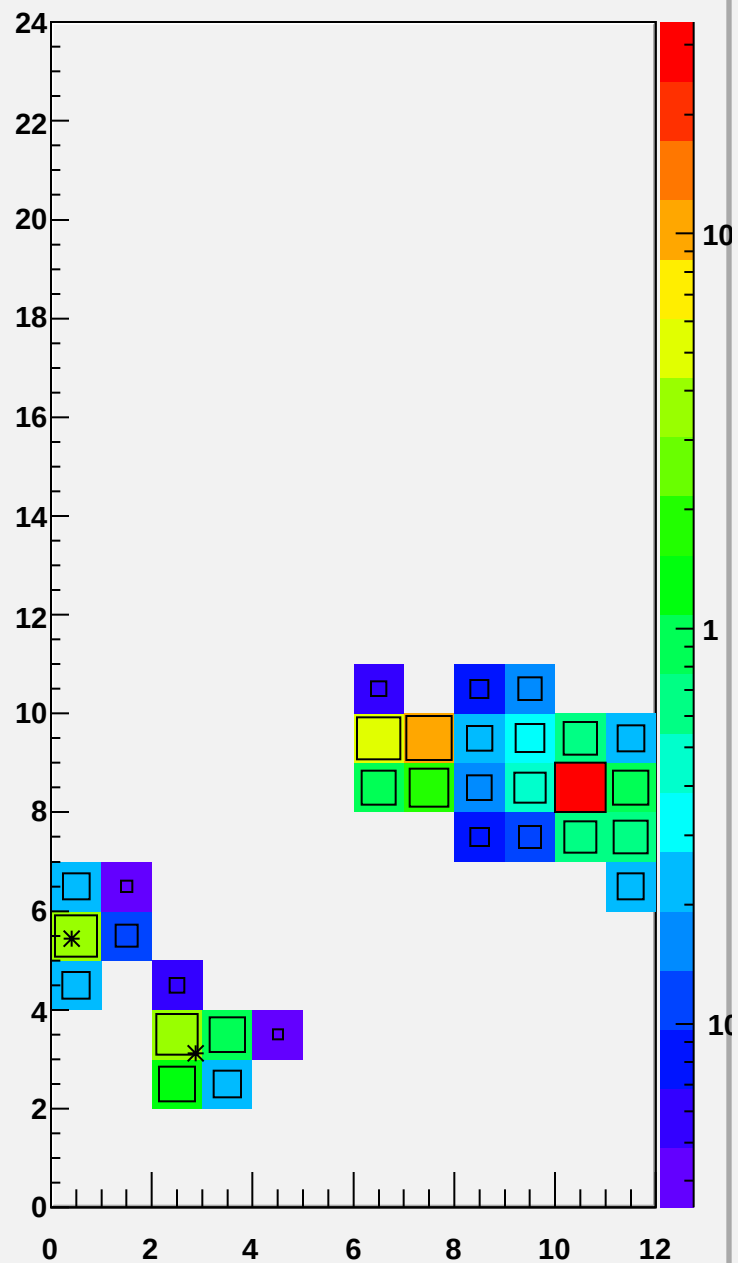
Fitted Energies



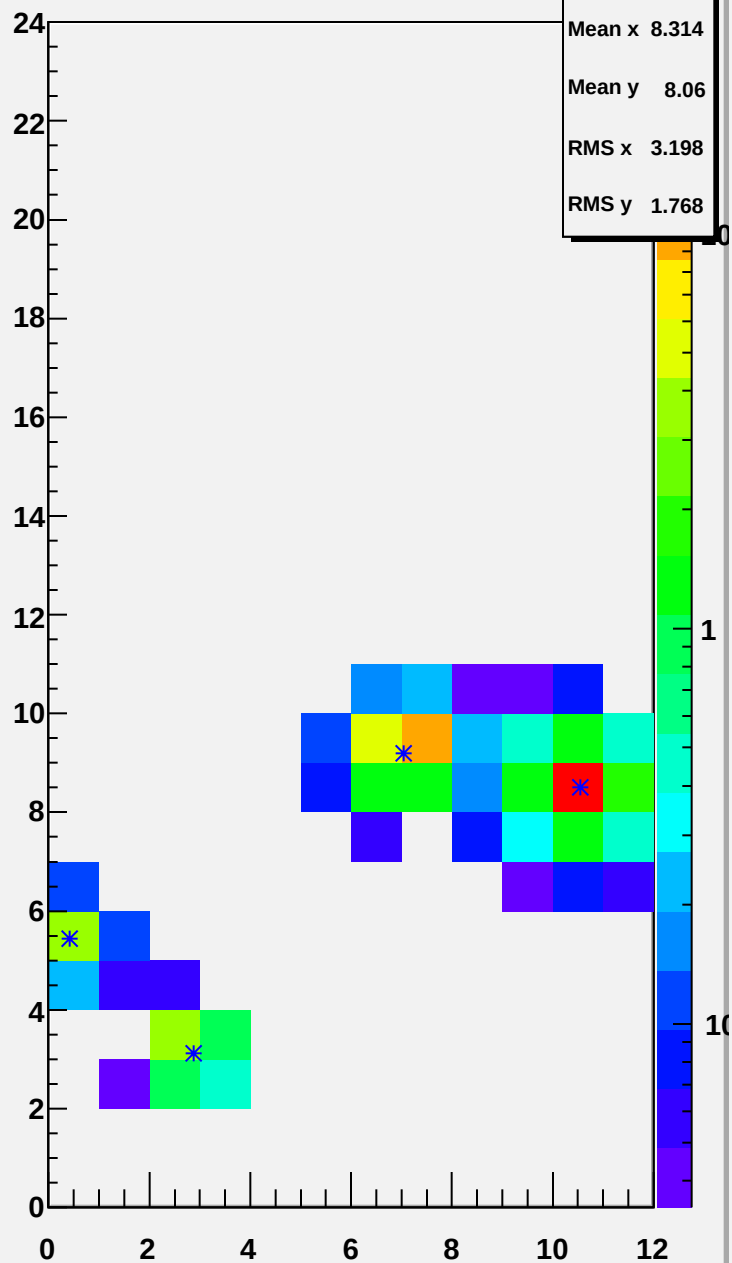
Efit

Entries 288
Mean x 5.151
Mean y 12.73
RMS x 1.426
RMS y 7.924

NSTB3_r4_c3_En=67.0_m0=0.106 m1=0.106 index=1029



Fitted Energies



Efit

Entries 288

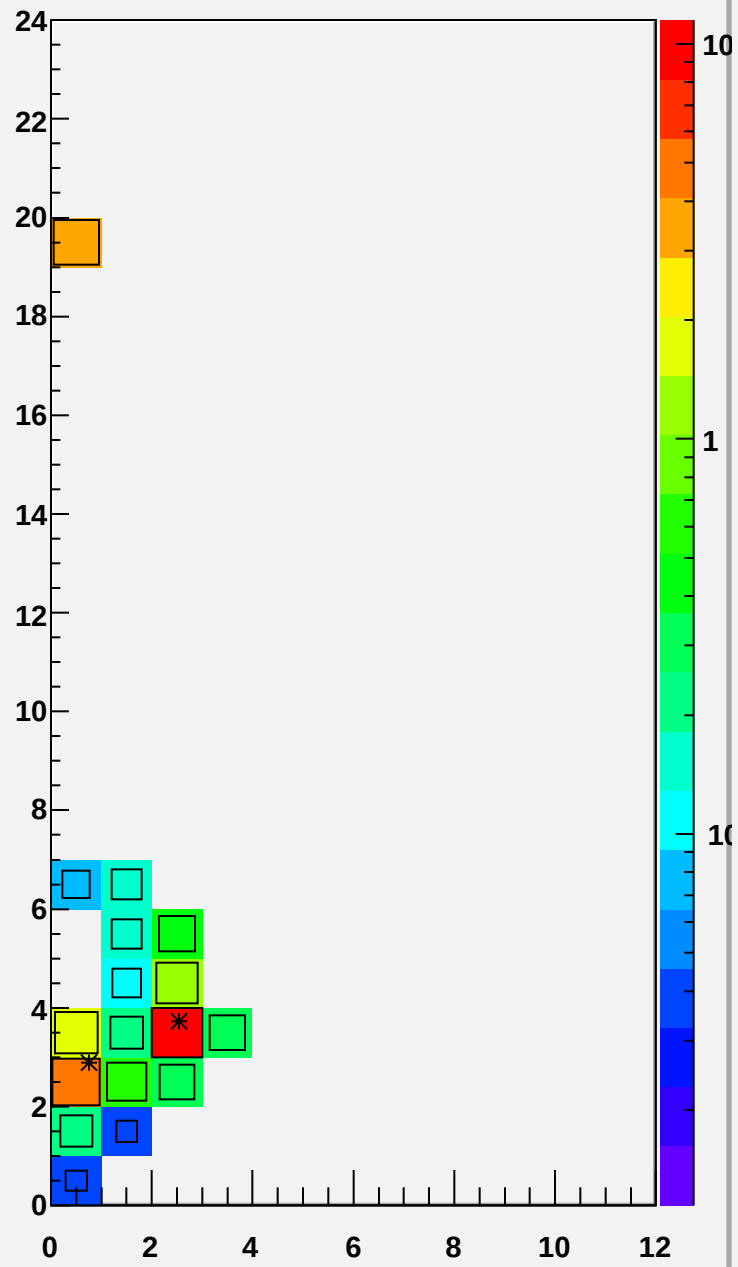
Mean x 8.314

Mean y 8.06

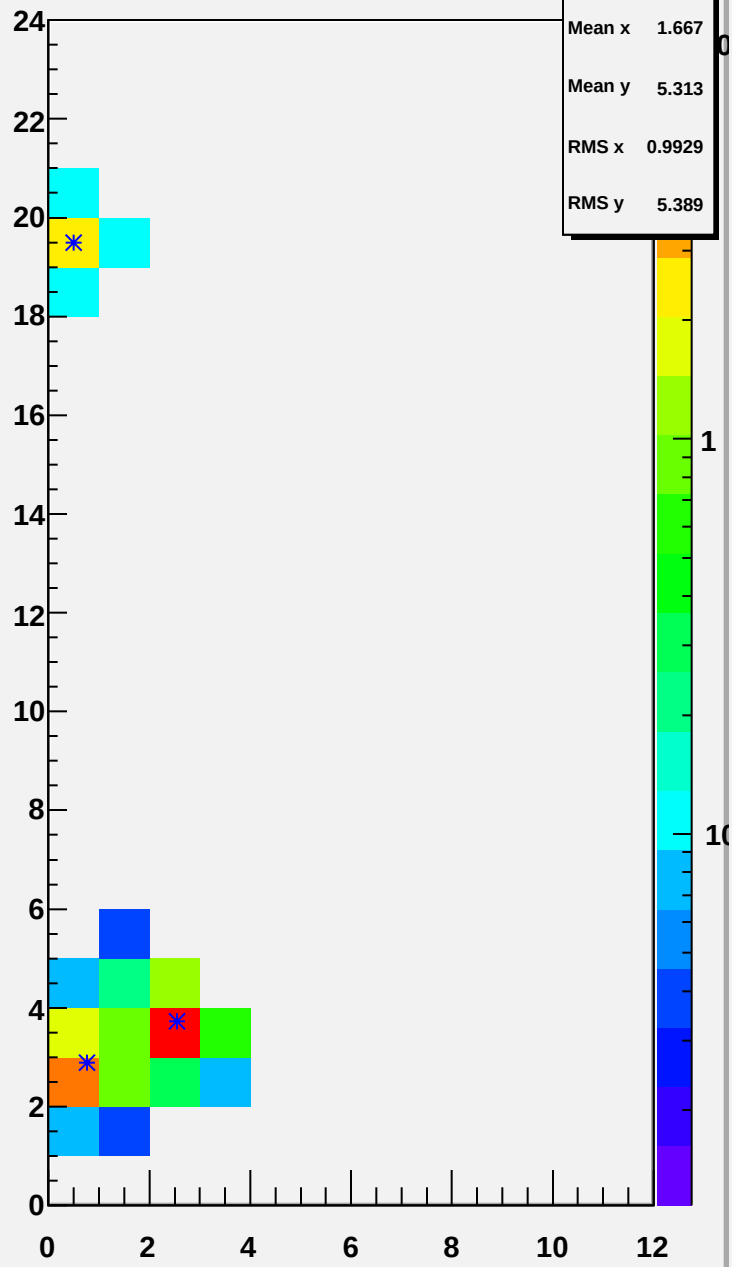
RMS x 3.198

RMS y 1.768

NSTB3_r4_c3_En=25.5_m0=0.119 m1=0.119 index=1030



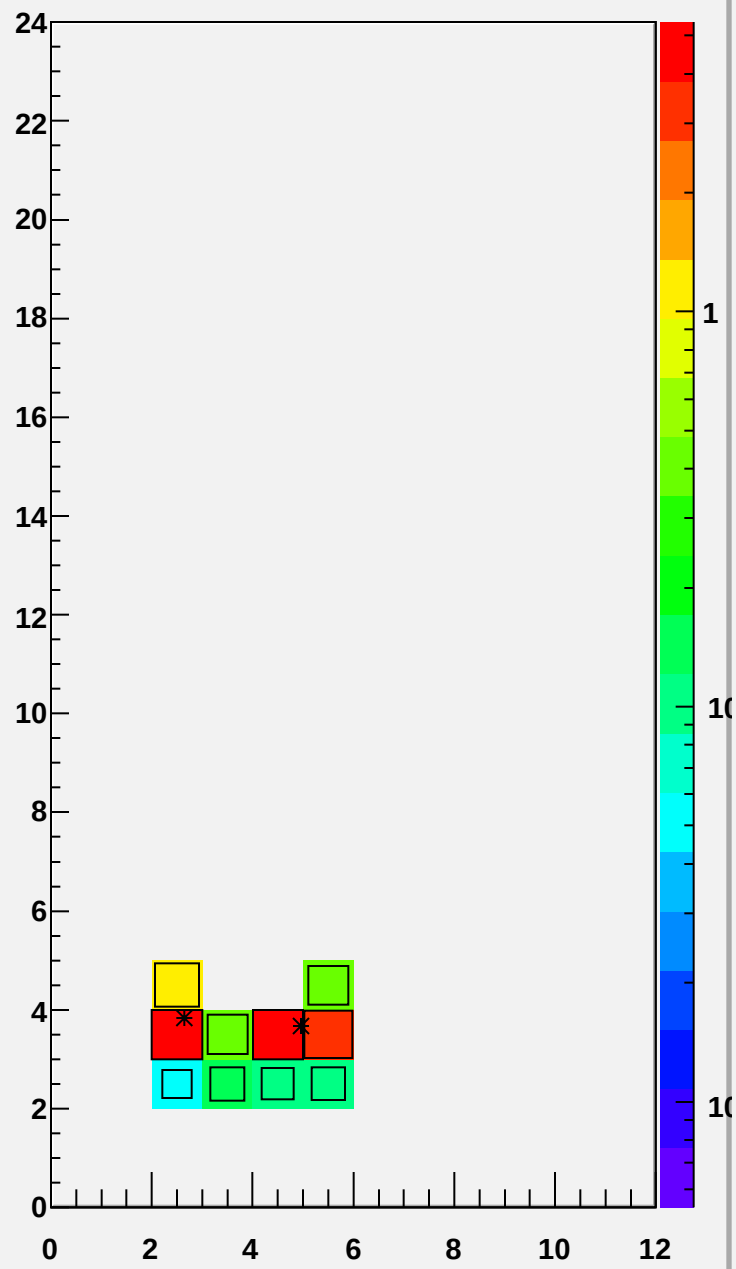
Fitted Energies



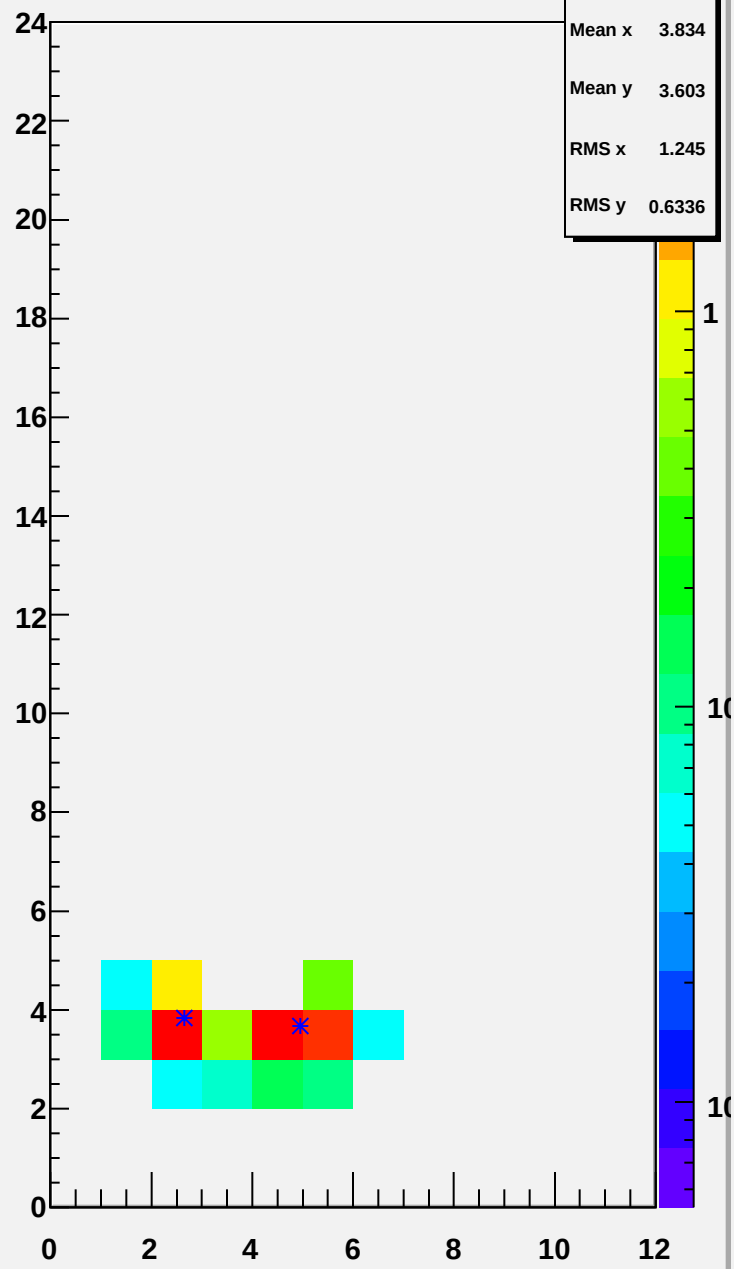
Efit

Entries	288
Mean x	1.667
Mean y	5.313
RMS x	0.9929
RMS y	5.389

NSTB3_r4_c3_En=15.9_m0=0.108 m1=0.108 index=1031



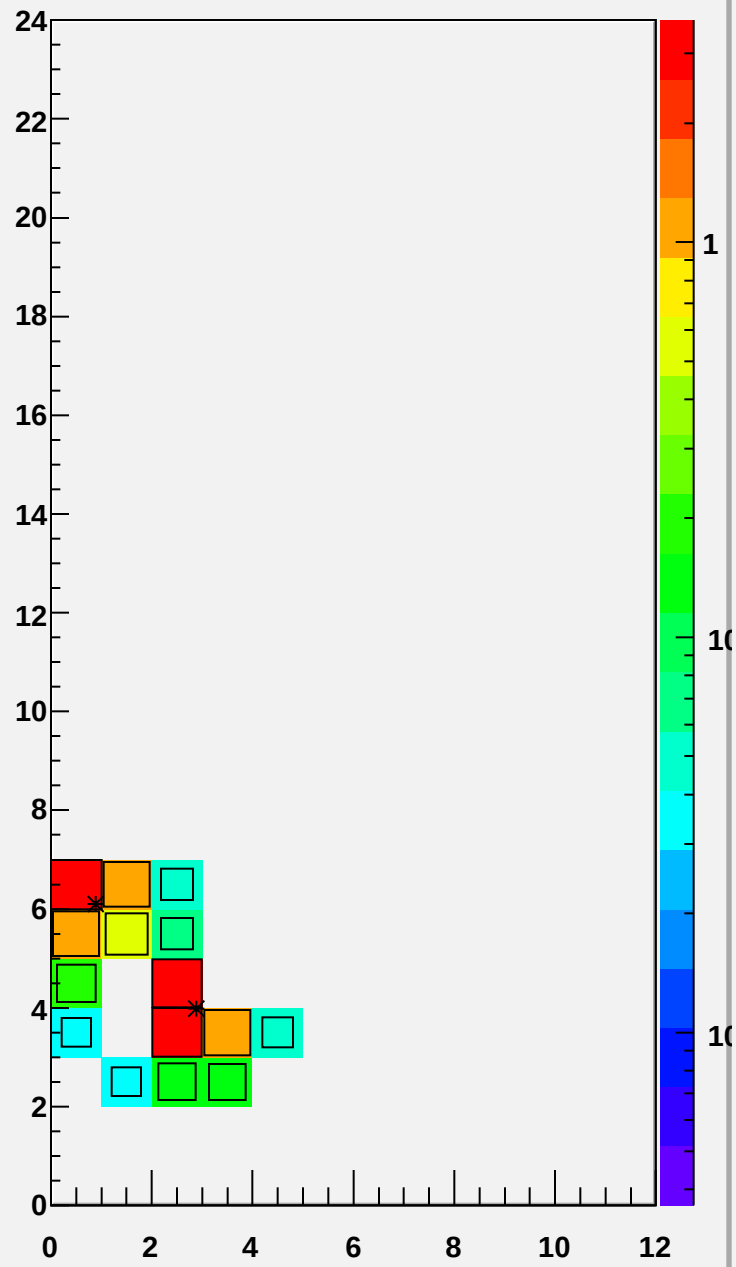
Fitted Energies



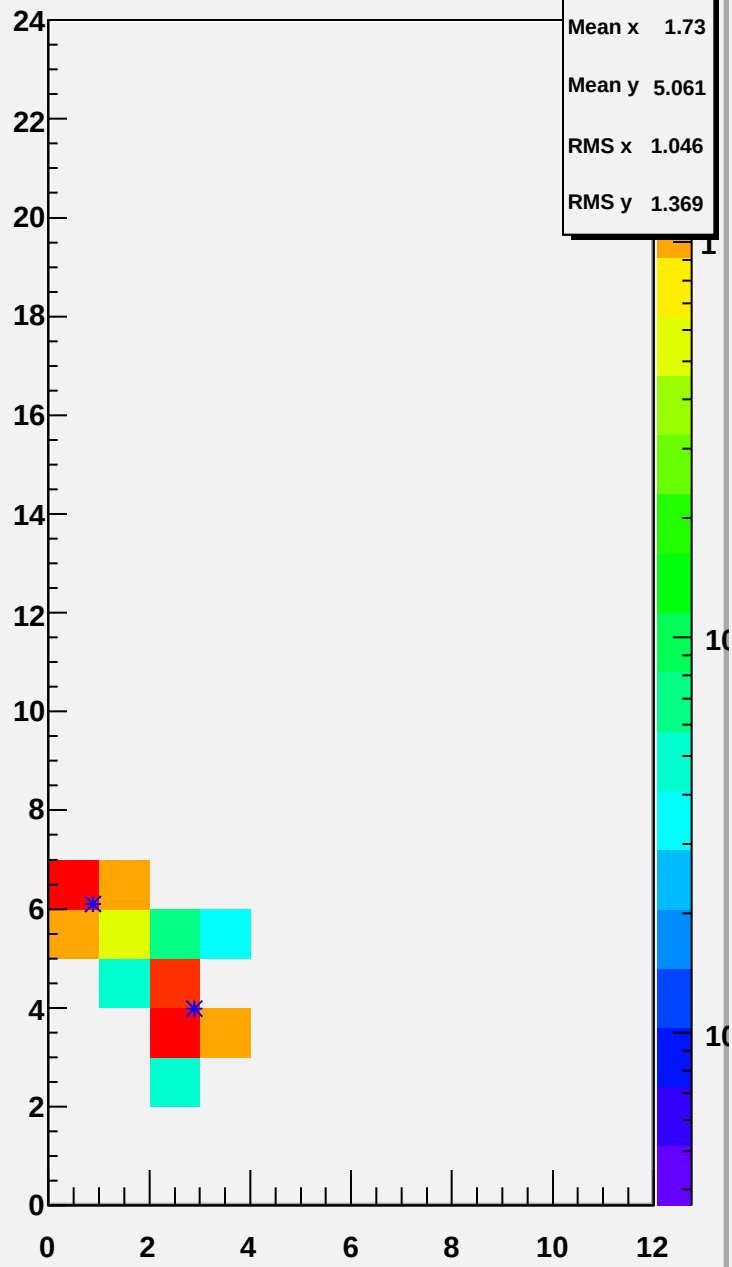
Efit

Entries	288
Mean x	3.834
Mean y	3.603
RMS x	1.245
RMS y	0.6336

NSTB3_r4_c3_En=14.0_m0=0.118 m1=0.118 index=1032



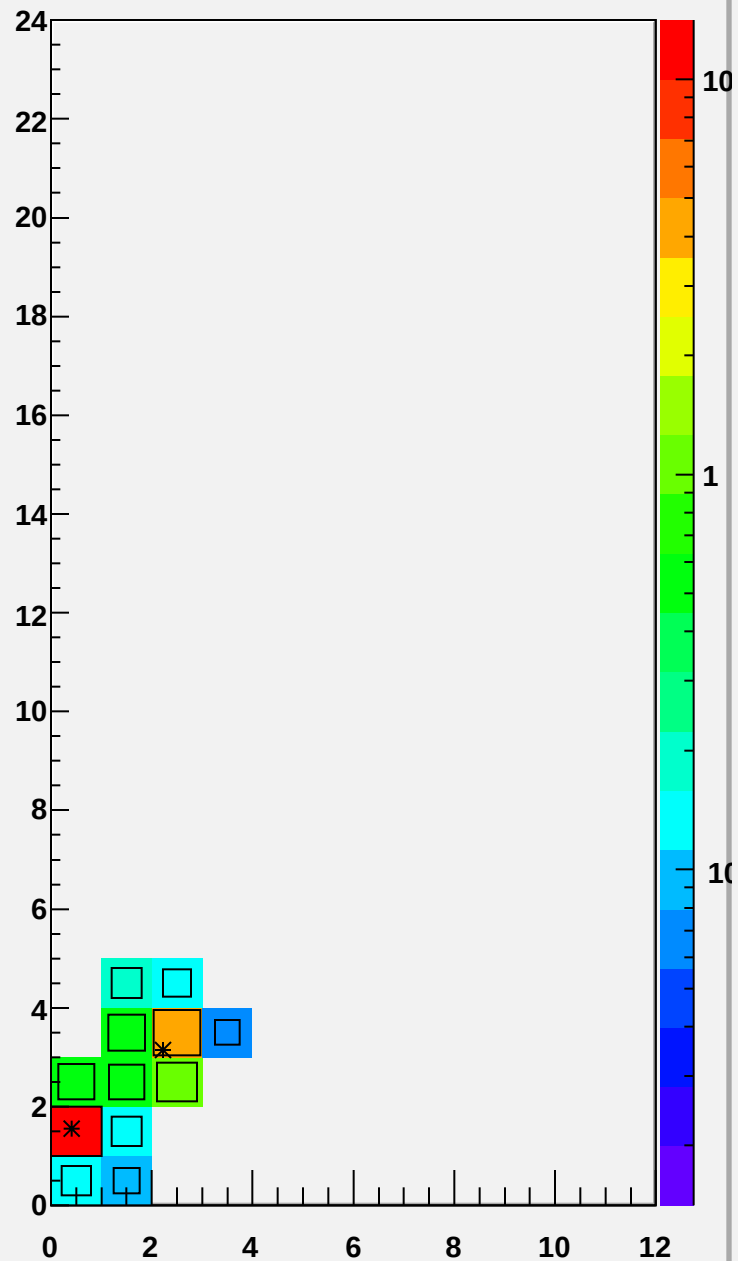
Fitted Energies



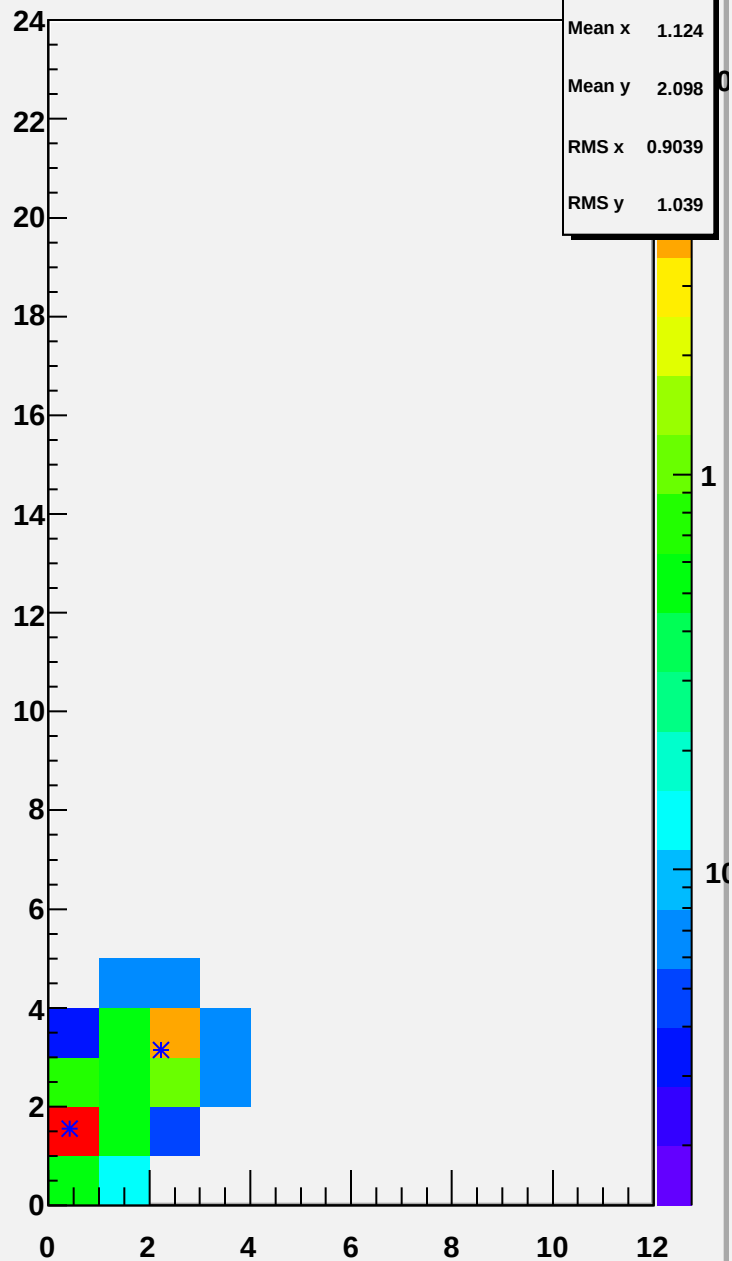
Efit

Entries 288
Mean x 1.73
Mean y 5.061
RMS x 1.046
RMS y 1.369

NSTB3_r4_c3_En=22.1_m0=0.144 m1=0.144 index=1033



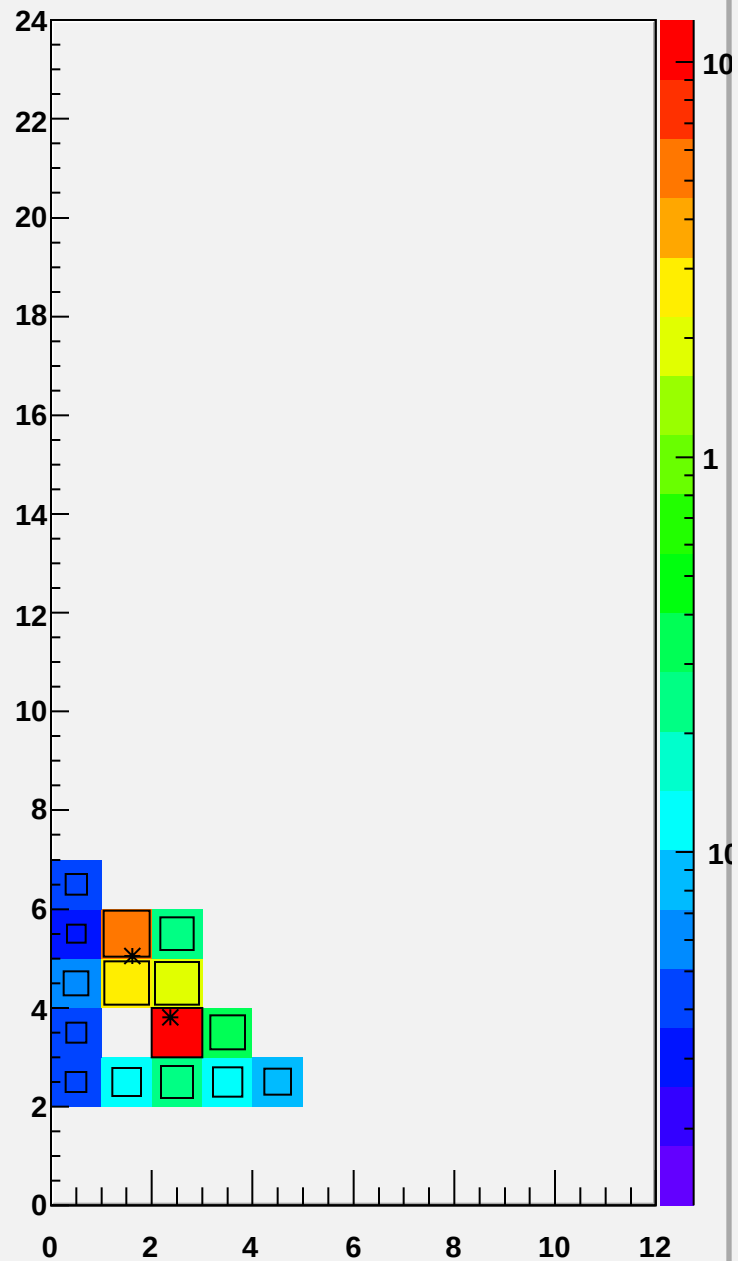
Fitted Energies



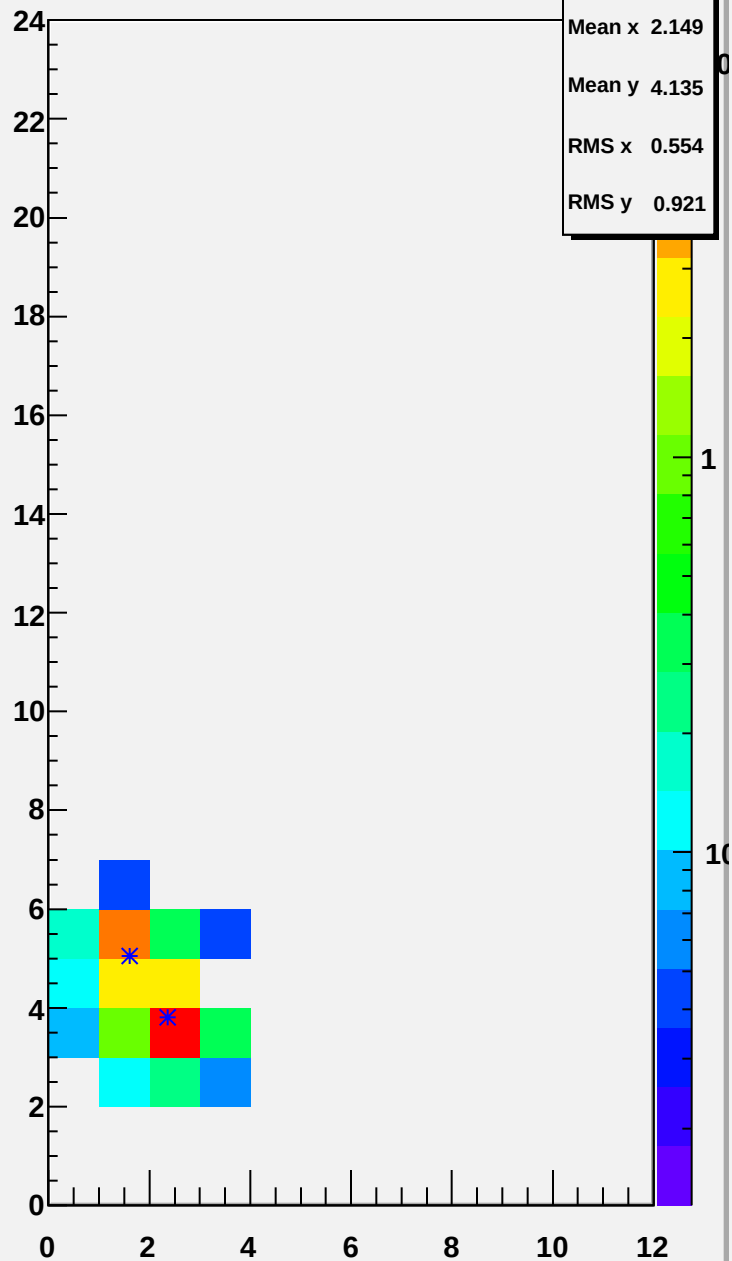
Efit

Entries	288
Mean x	1.124
Mean y	2.098
RMS x	0.9039
RMS y	1.039

NSTB3_r4_c3_En=23.5_m0=0.097 m1=0.097 index=1034



Fitted Energies



Efit

Entries 288

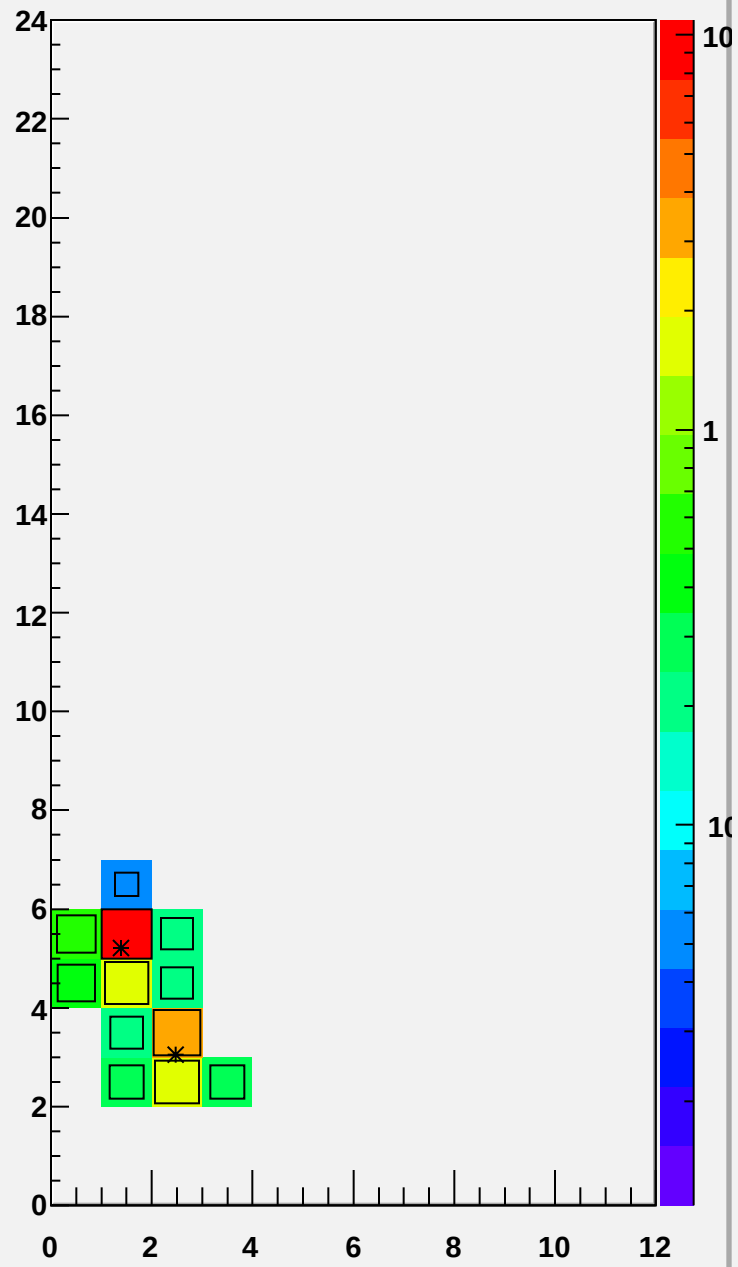
Mean x 2.149

Mean y 4.135

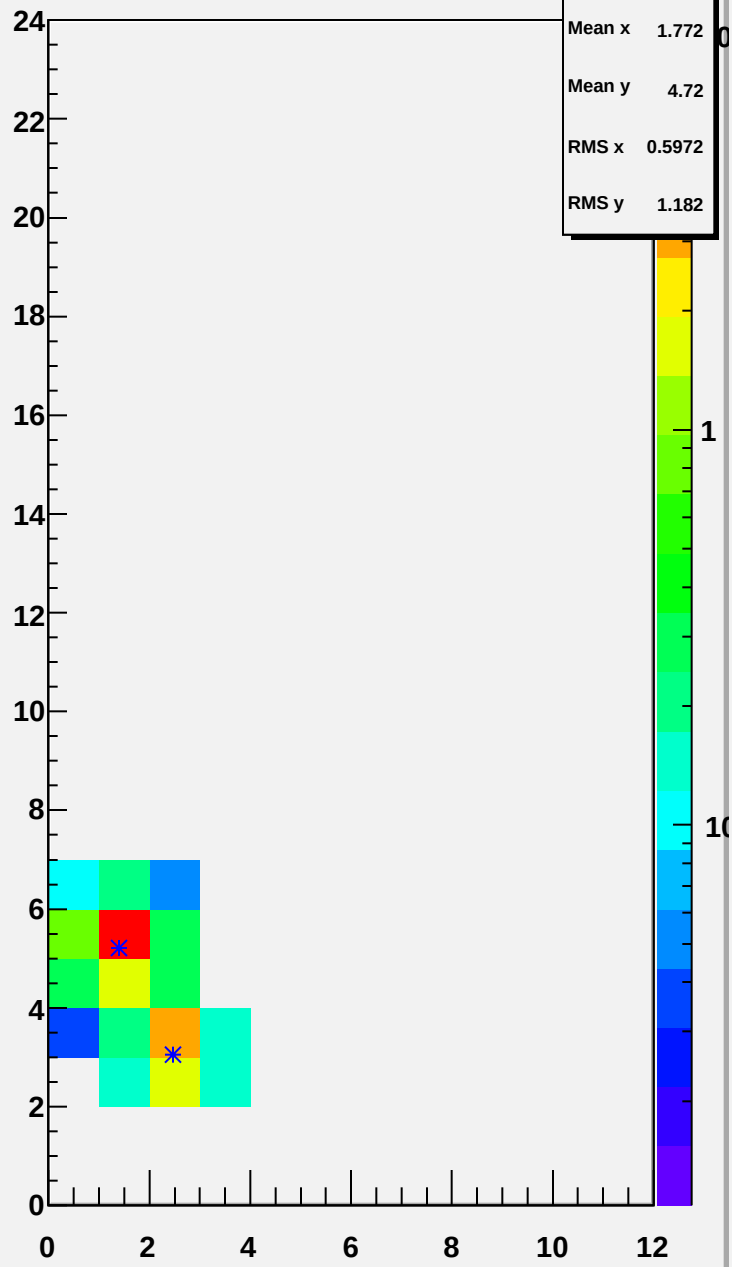
RMS x 0.554

RMS y 0.921

NSTB3_r4_c3_En=20.2_m0=0.130 m1=0.130 index=1036



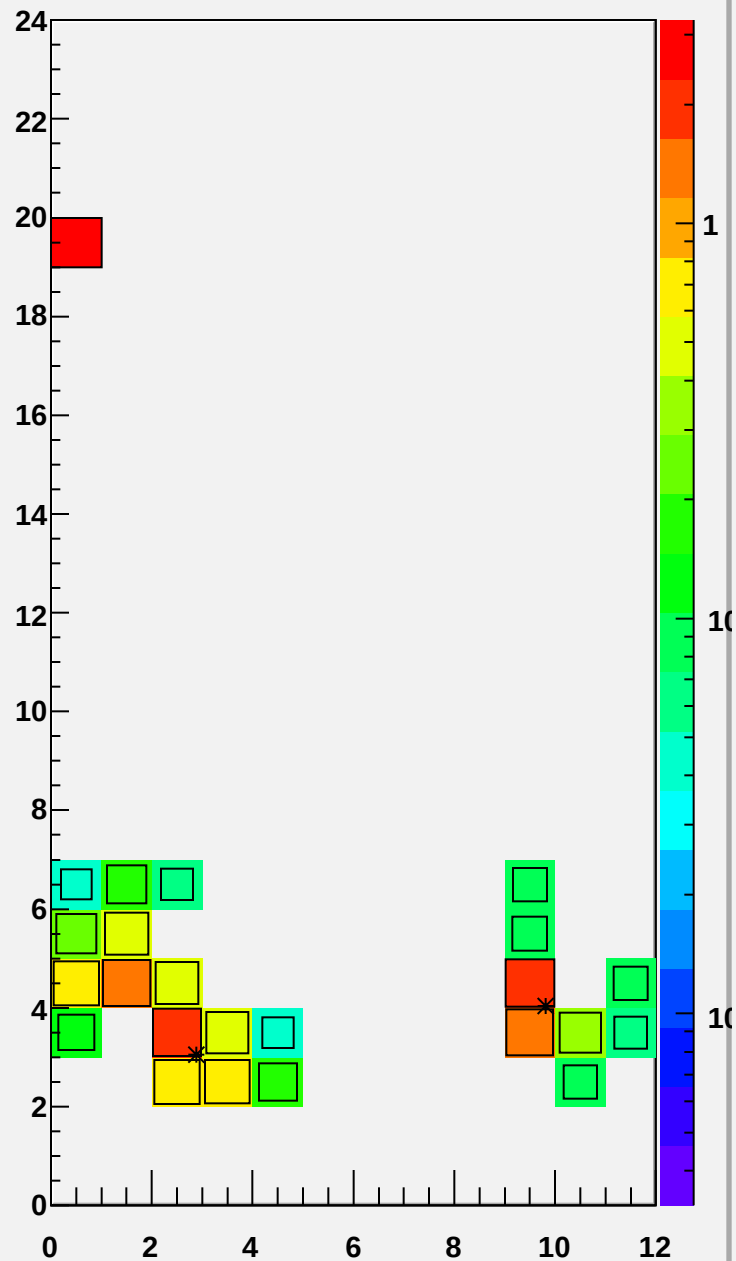
Fitted Energies



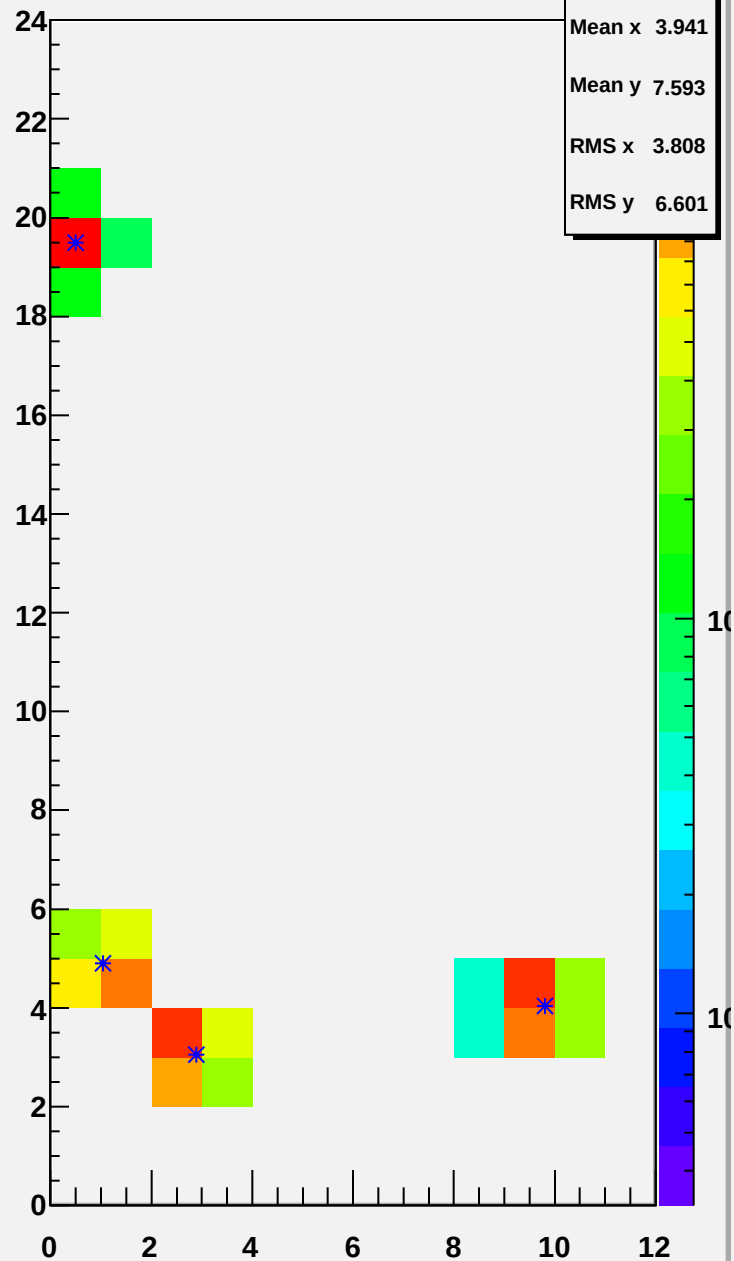
Efit

Entries	288
Mean x	1.772
Mean y	4.72
RMS x	0.5972
RMS y	1.182

NSTB3_r4_c3_En=15.1_m0=0.159_m1=0.159_index=1037



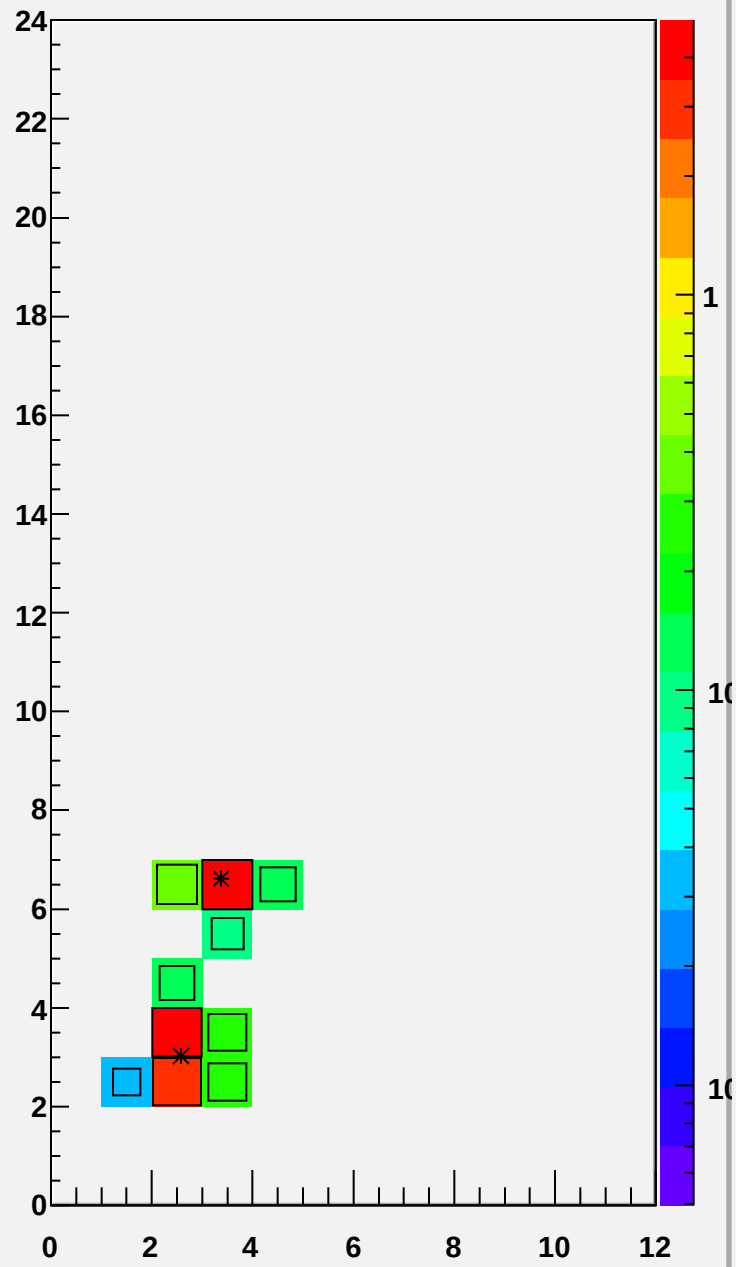
Fitted Energies



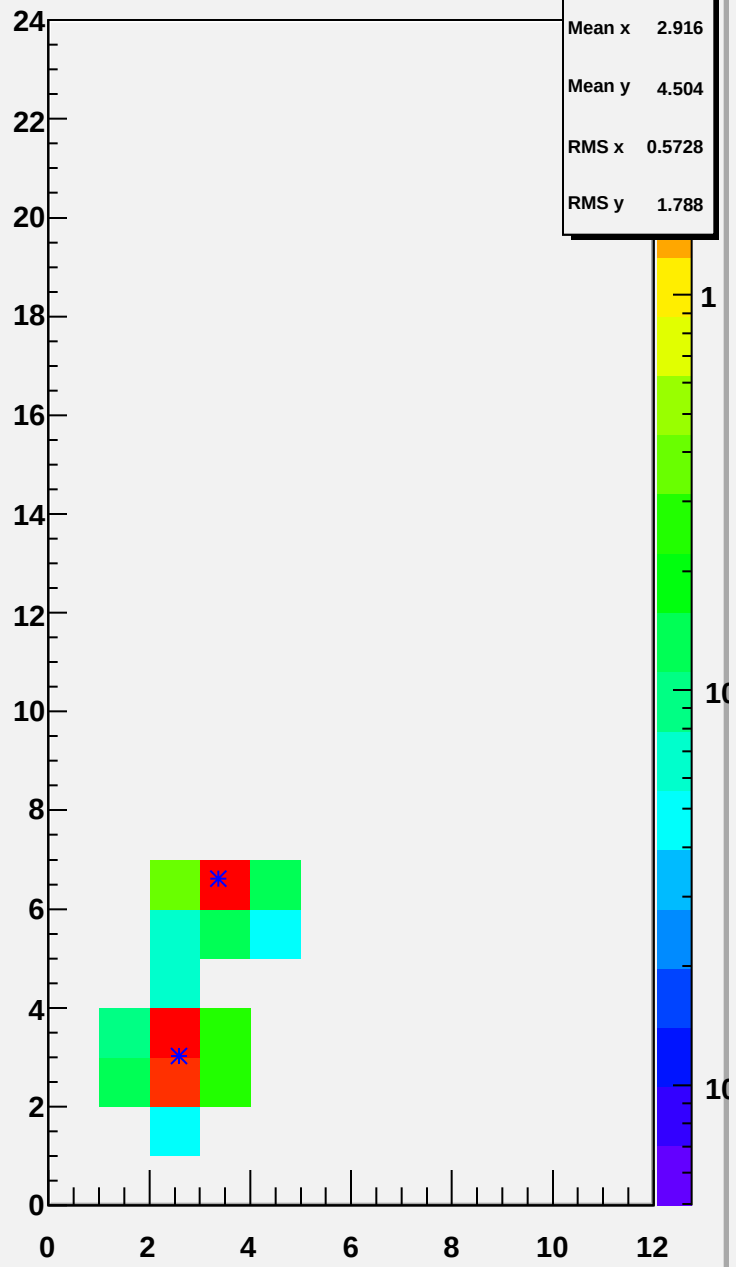
Efit

Entries 288
Mean x 3.941
Mean y 7.593
RMS x 3.808
RMS y 6.601

NSTB3_r4_c3_En=13.4_m0=0.147 m1=0.147 index=1038



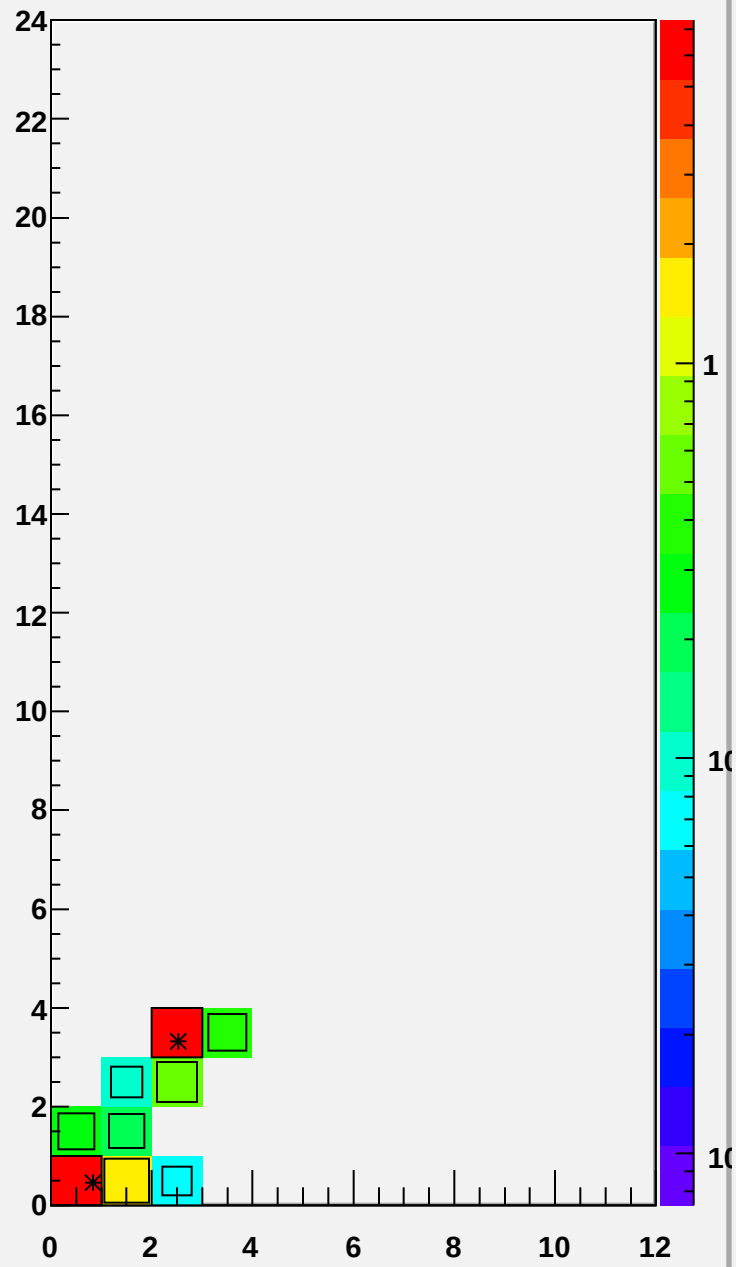
Fitted Energies



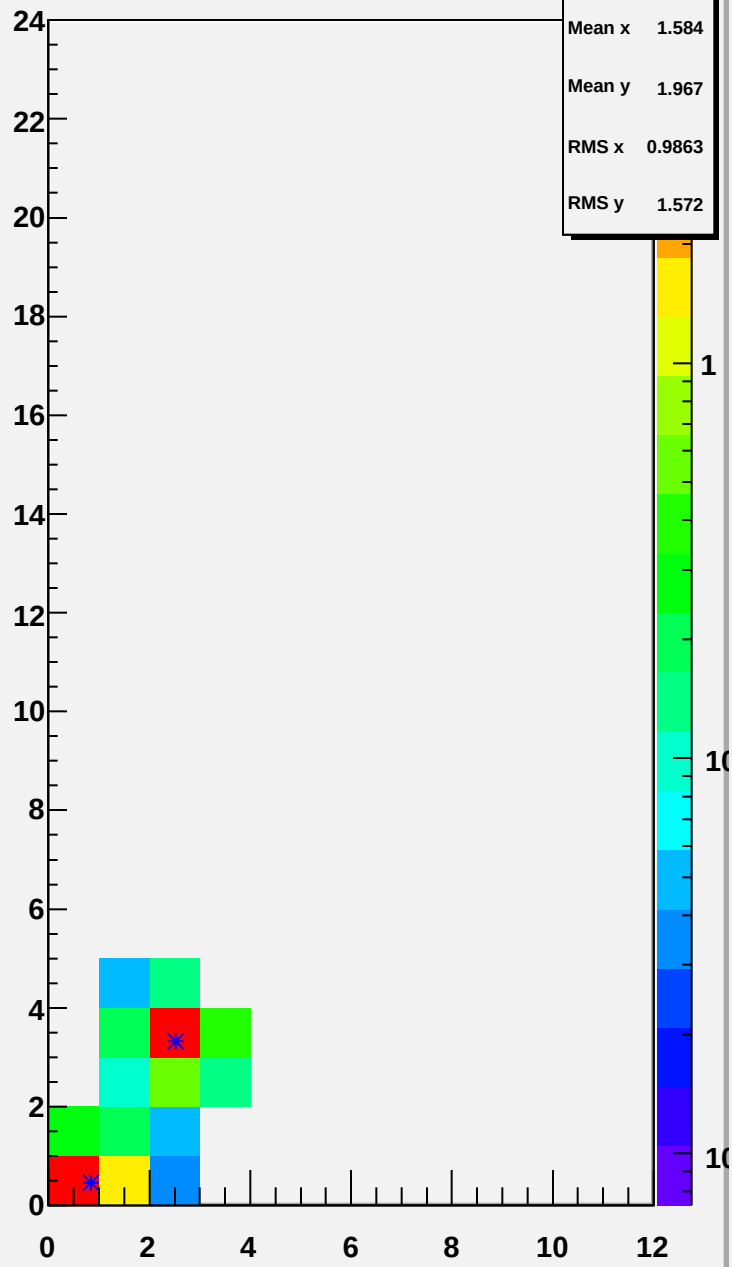
Efit

Entries	288
Mean x	2.916
Mean y	4.504
RMS x	0.5728
RMS y	1.788

NSTB3_r4_c3_En=17.9_m0=0.177 m1=0.177 index=1039



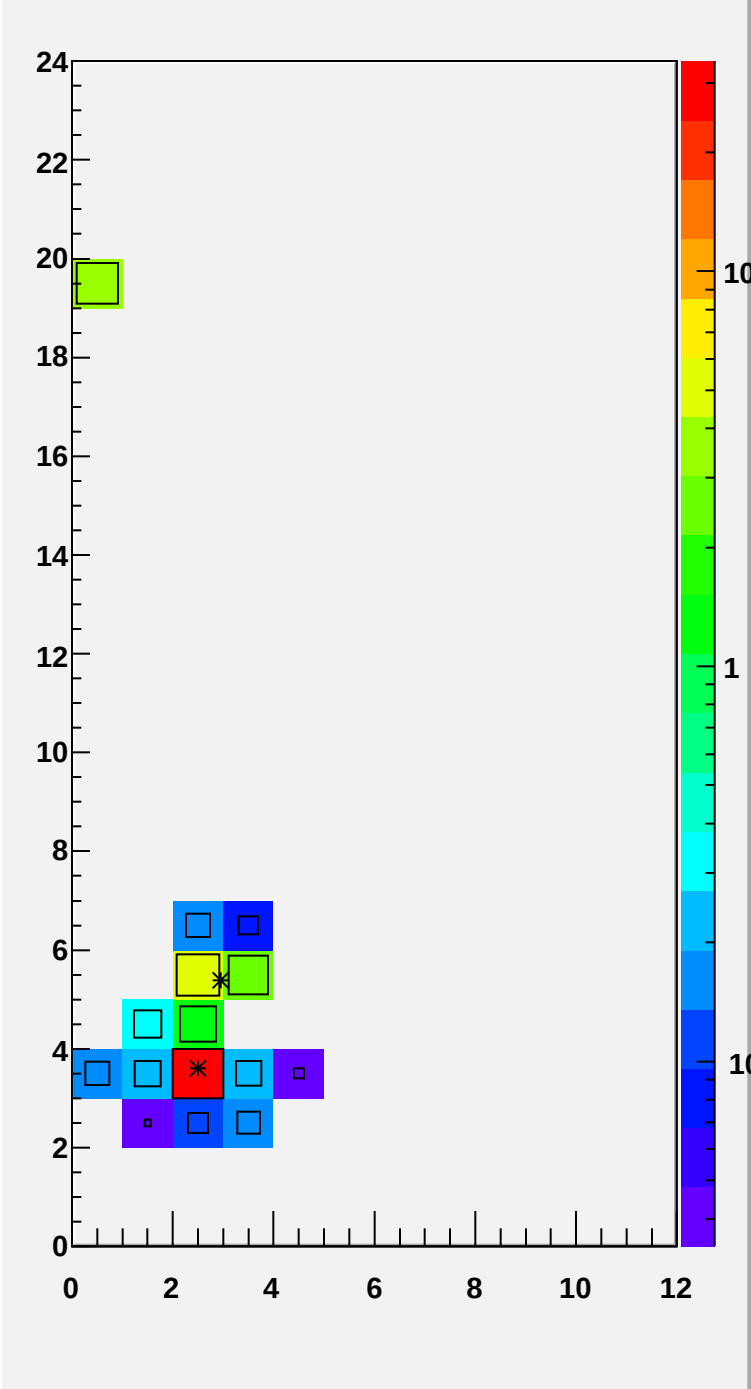
Fitted Energies



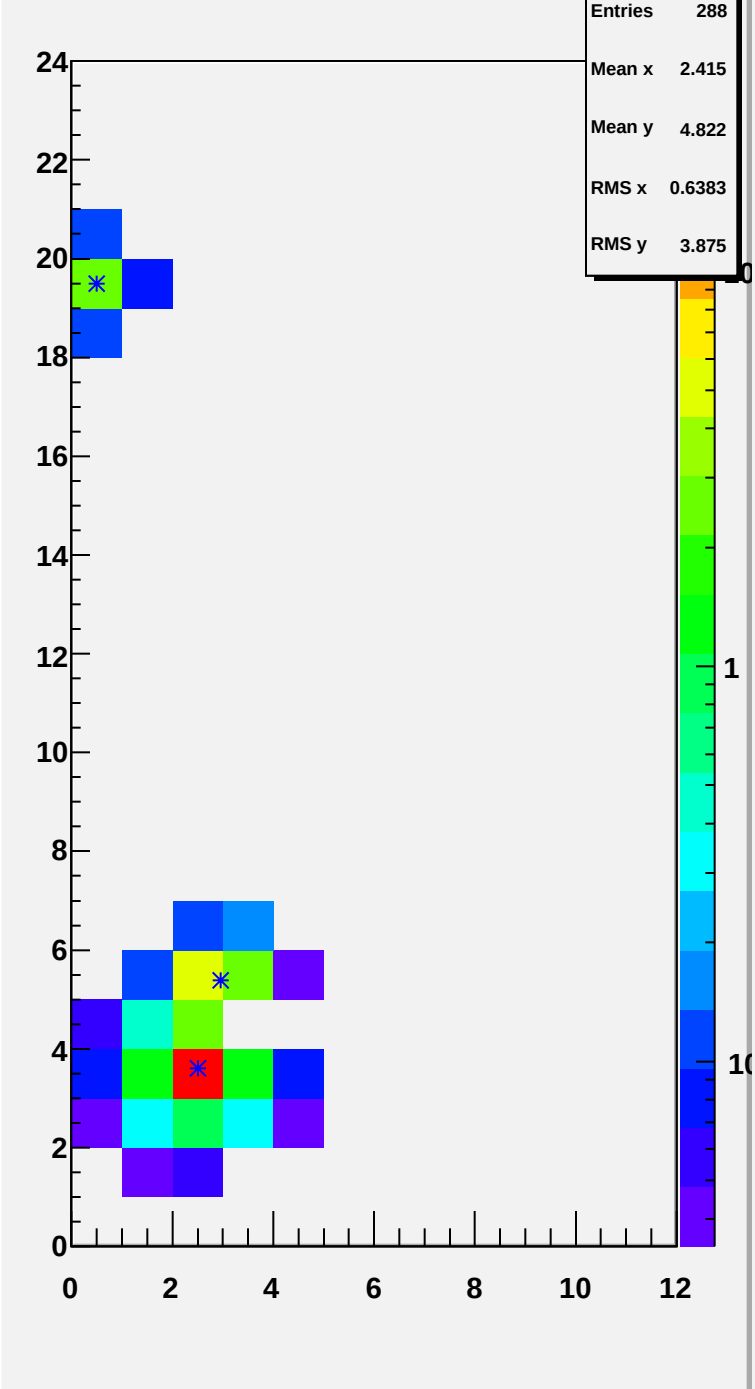
Efit

Entries	288
Mean x	1.584
Mean y	1.967
RMS x	0.9863
RMS y	1.572

NSTB3_r4_c3_En=46.7_m0=0.178 m1=0.178 index=1040

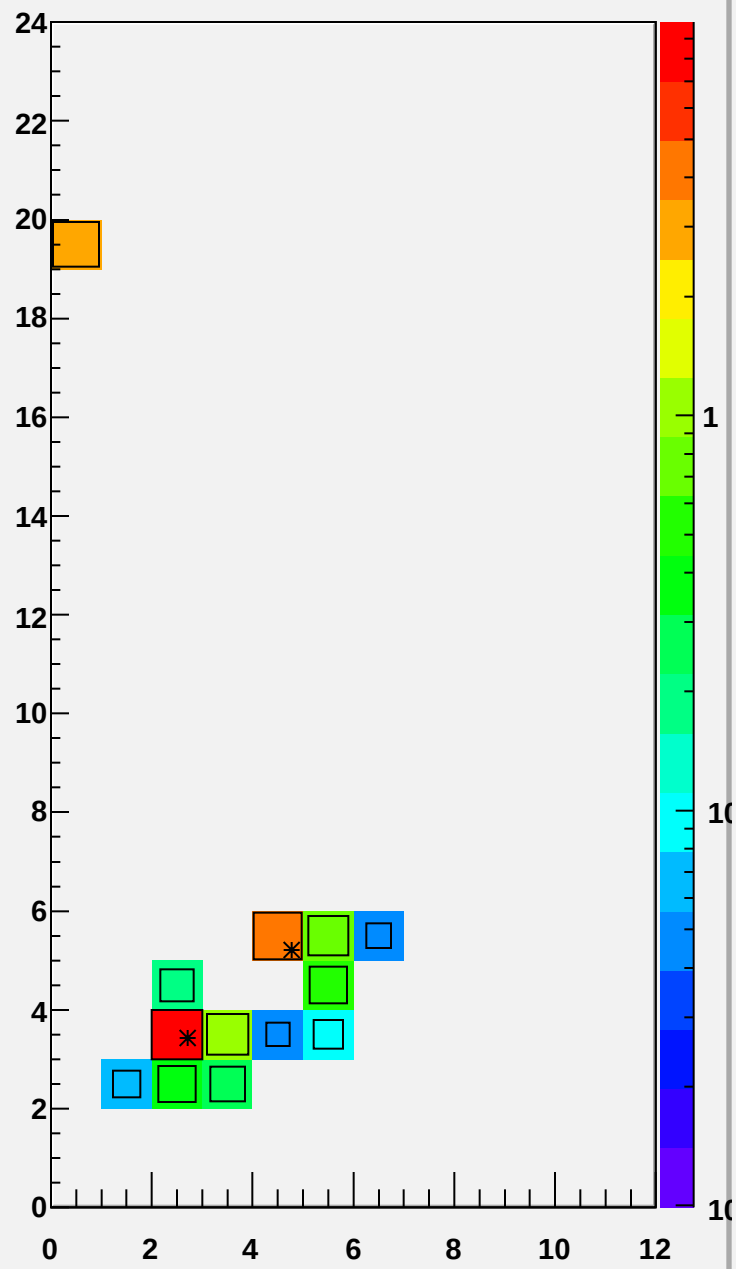


Fitted Energies

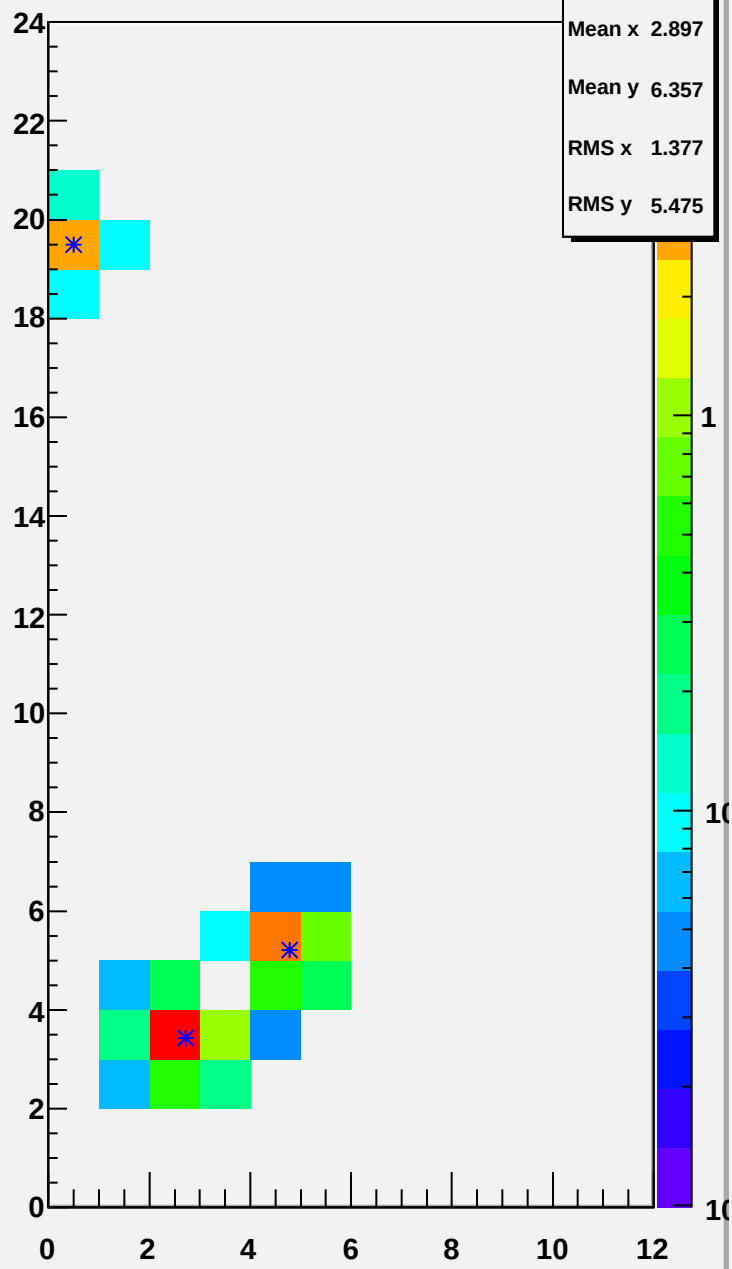


Efit	
Entries	288
Mean x	2.415
Mean y	4.822
RMS x	0.6383
RMS y	3.875

NSTB3_r4_c3_En=21.5_m0=0.140_m1=0.140_index=1041



Fitted Energies



Efit

Entries 288

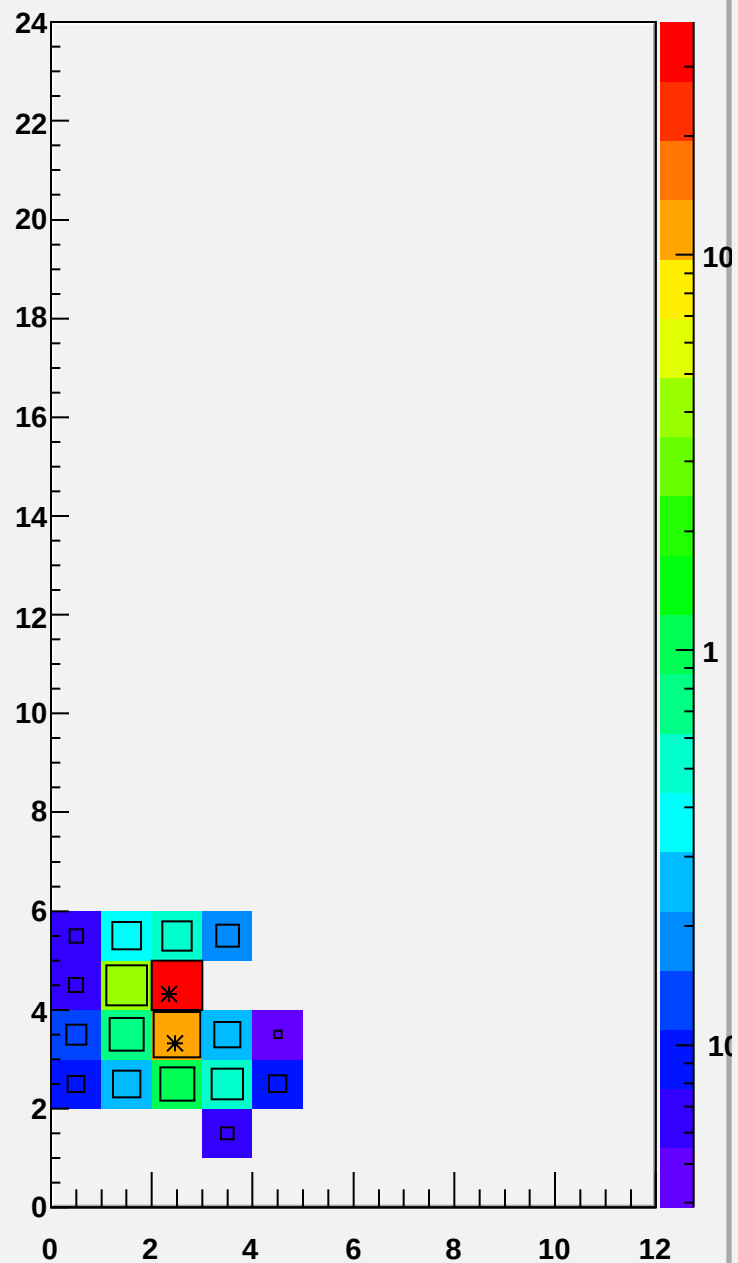
Mean x 2.897

Mean y 6.357

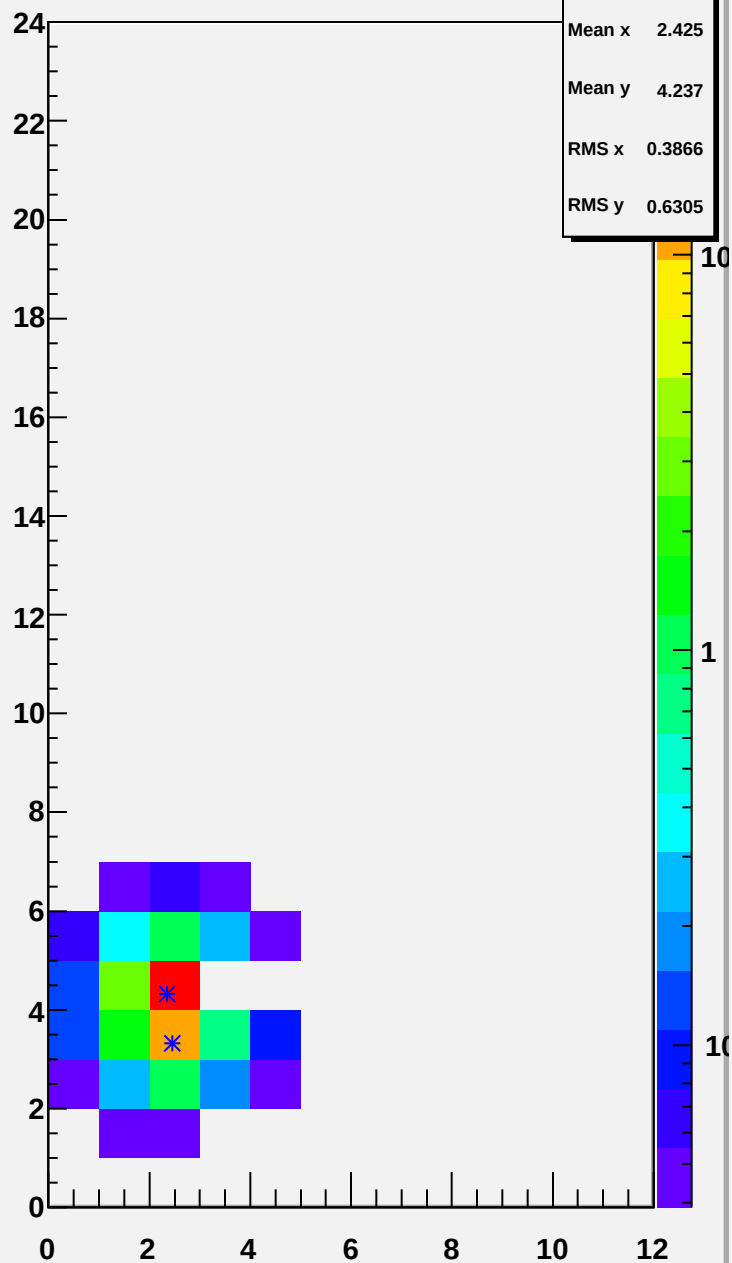
RMS x 1.377

RMS y 5.475

NSTB3_r4_c3_En=59.6_m0=0.130 m1=0.129 index=1044



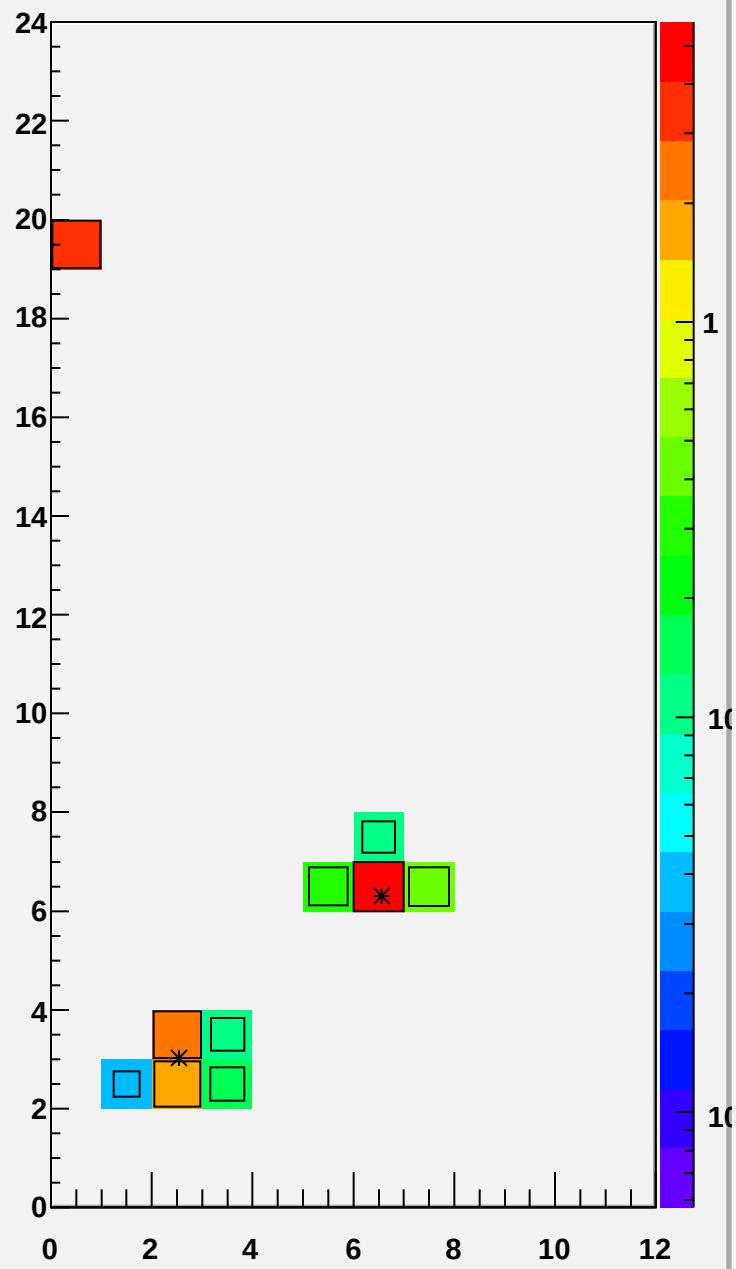
Fitted Energies



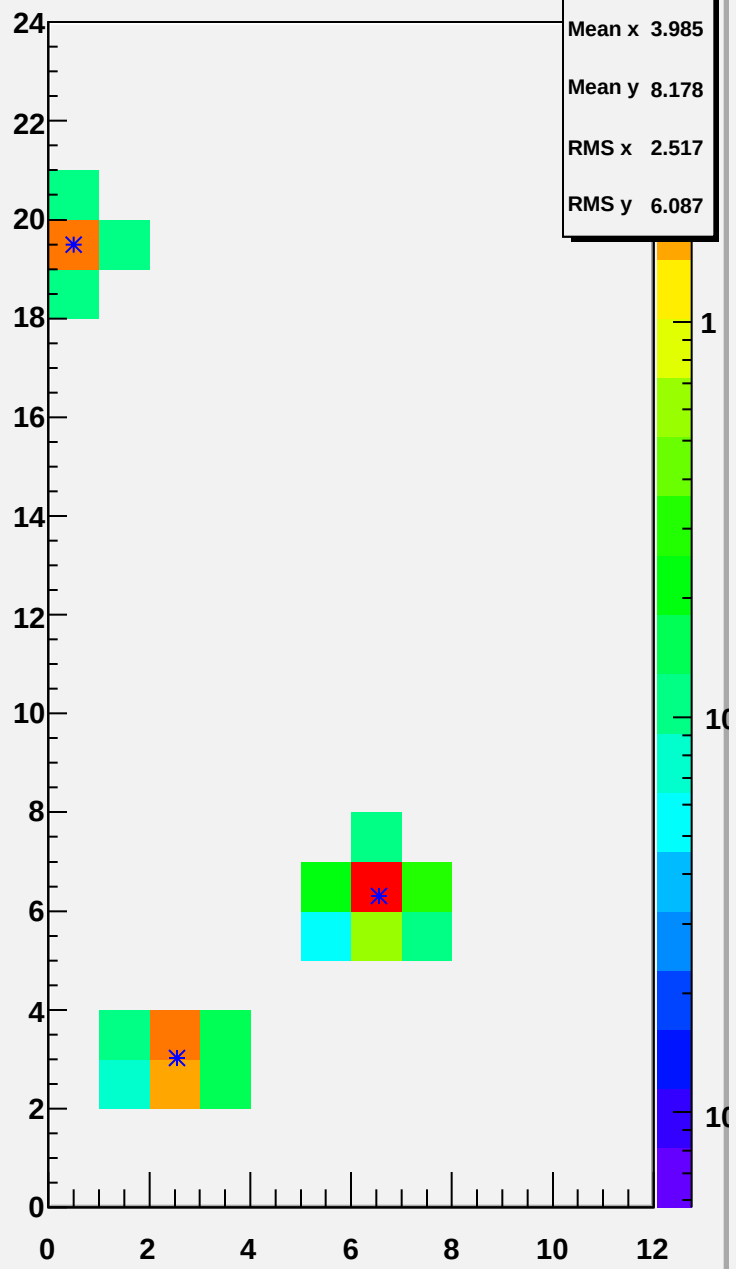
Efit

Entries	288
Mean x	2.425
Mean y	4.237
RMS x	0.3866
RMS y	0.6305

NSTB3_r4_c3_En=14.4_m0=0.172 m1=0.172 index=1045



Fitted Energies



Efit

Entries 288

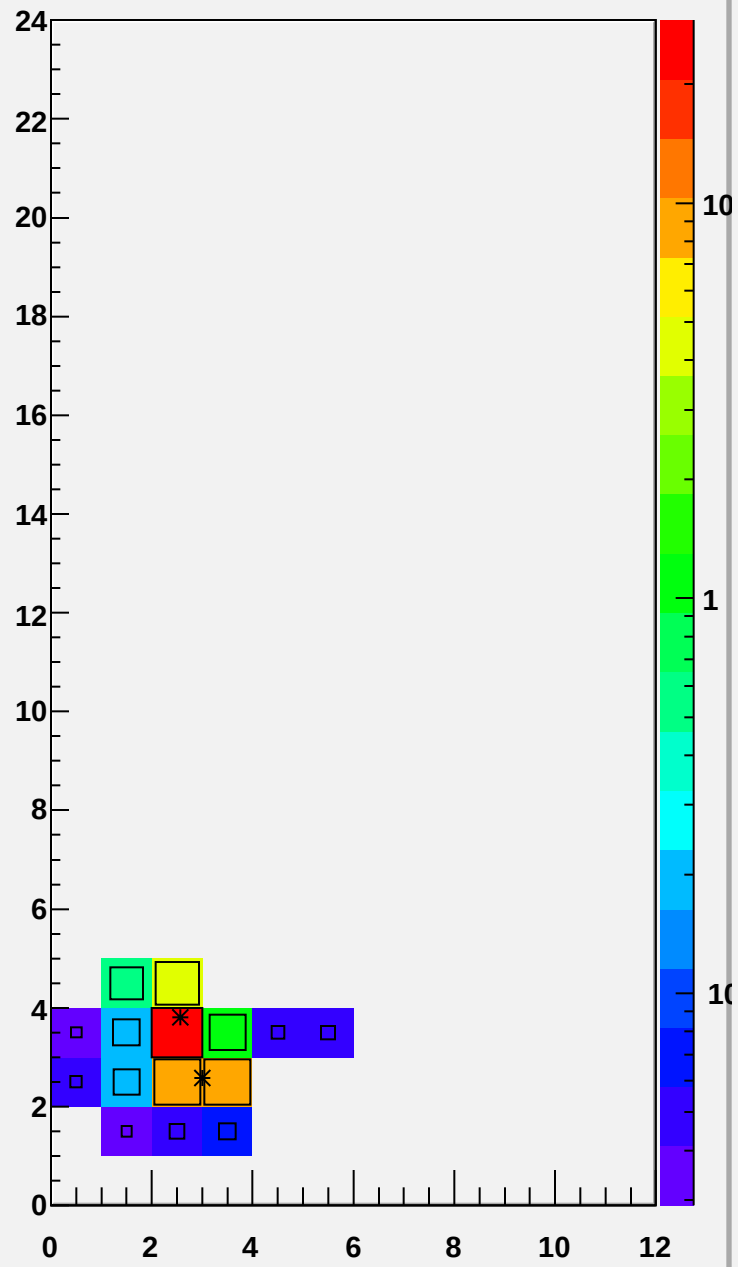
Mean x 3.985

Mean y 8.178

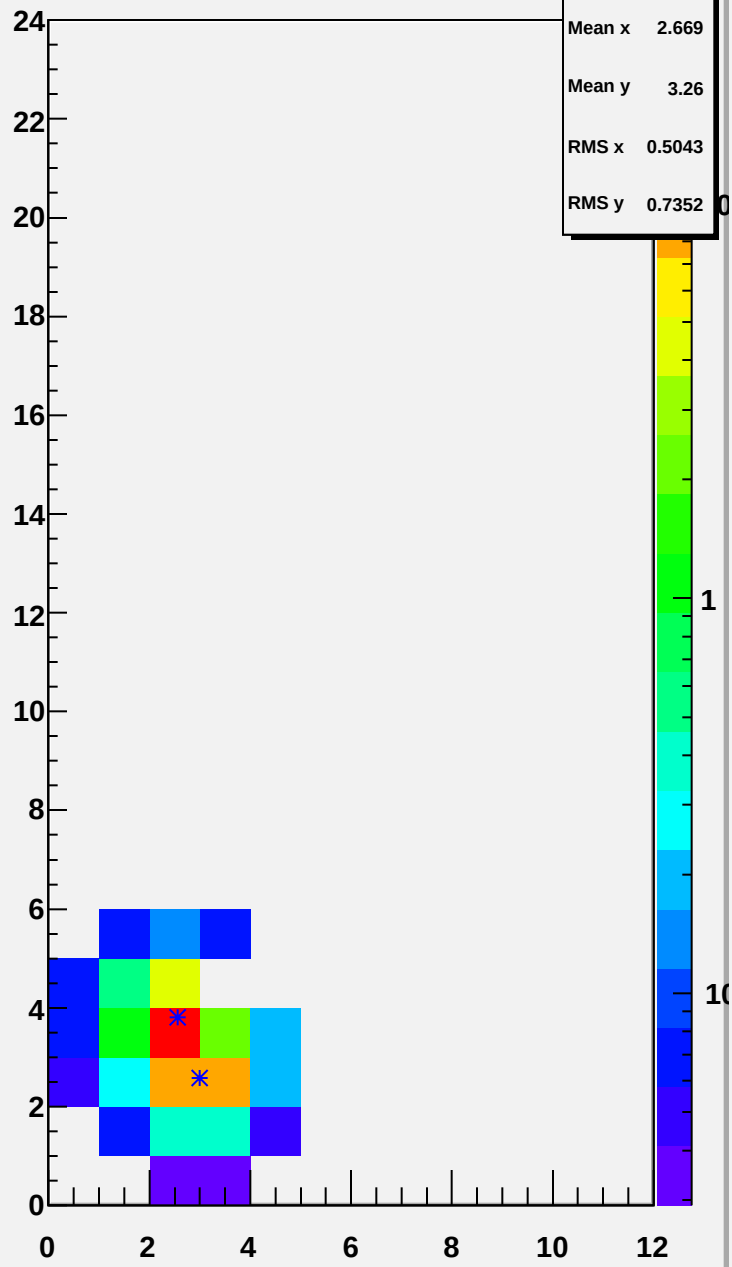
RMS x 2.517

RMS y 6.087

NSTB3_r4_c3_En=54.3_m0=0.186 m1=0.187 index=1046



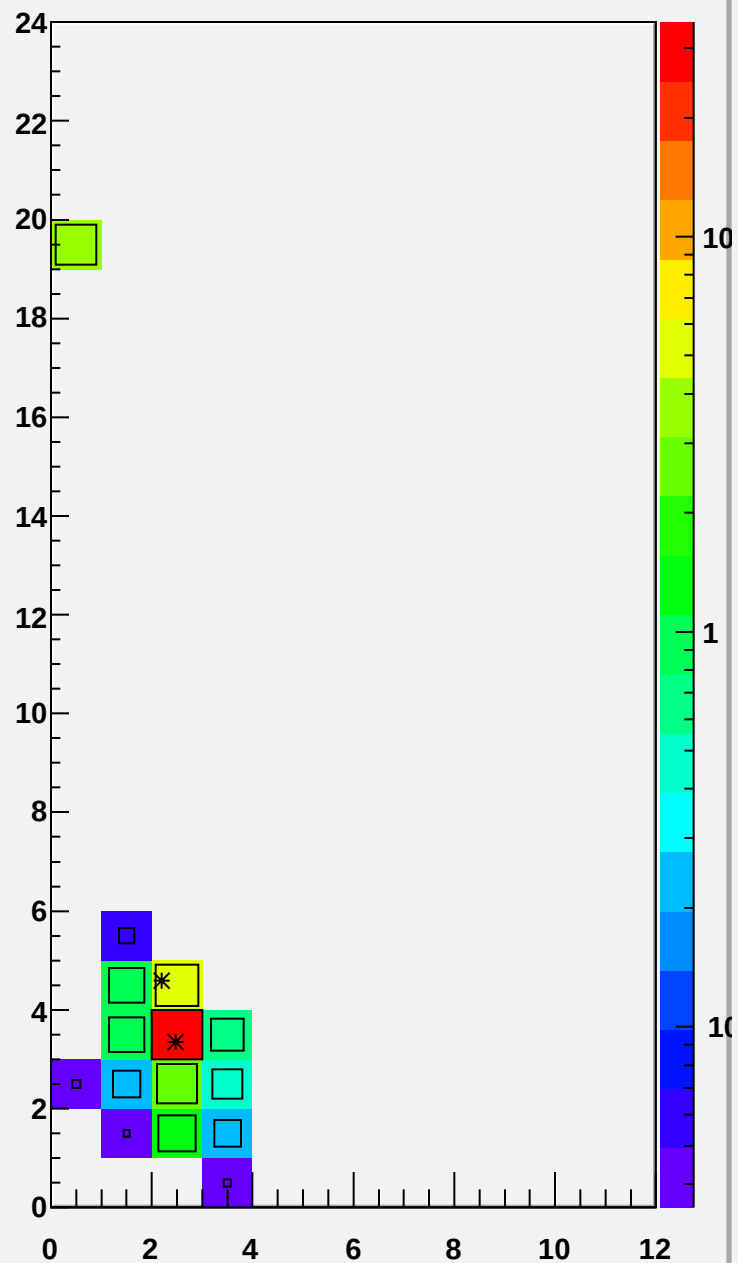
Fitted Energies



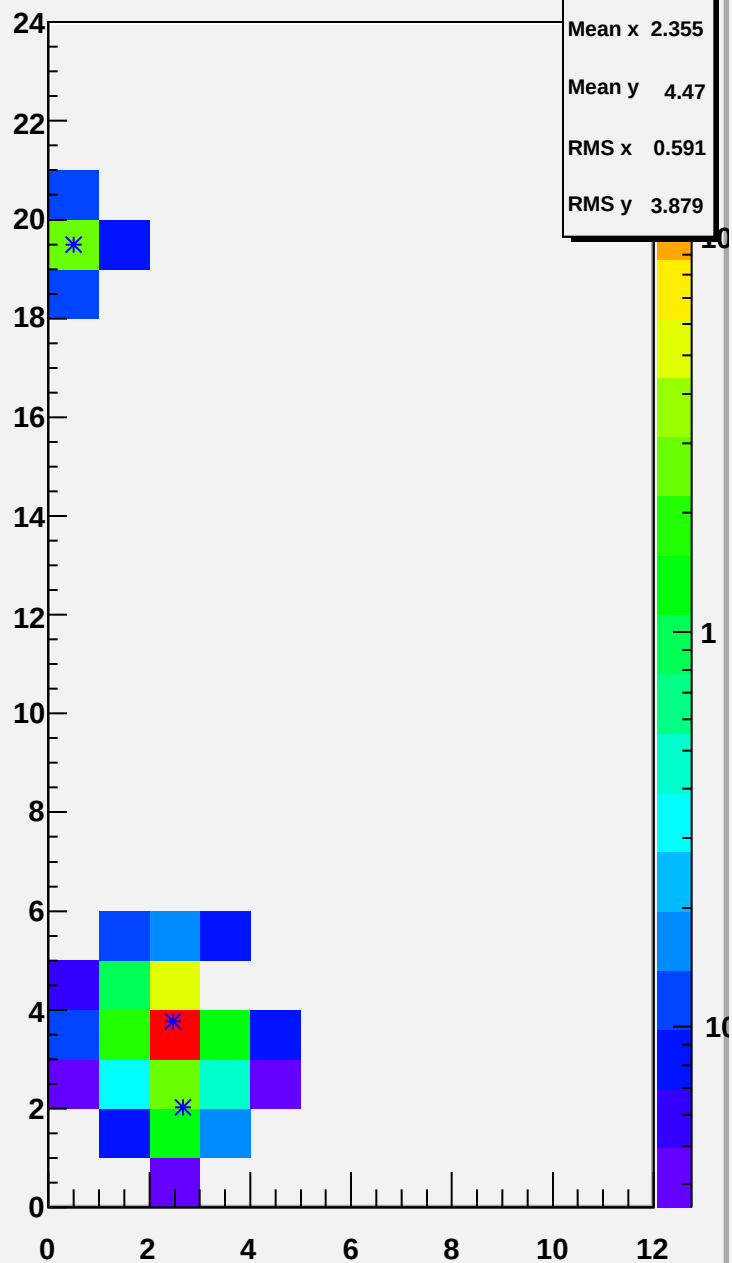
Efit

Entries	288
Mean x	2.669
Mean y	3.26
RMS x	0.5043
RMS y	0.7352

NSTB3_r4_c3_En=51.1_m0=0.103 m1=0.000 index=1047



Fitted Energies



Efit

Entries 288

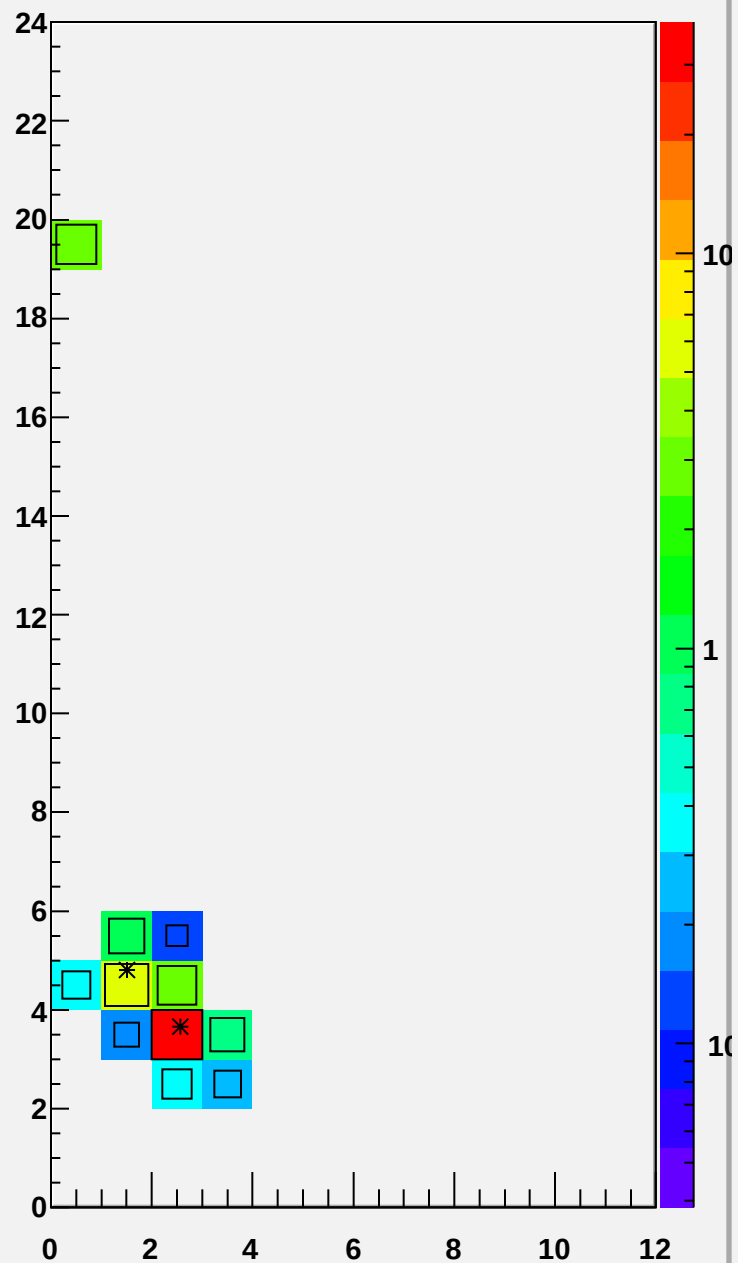
Mean x 2.355

Mean y 4.47

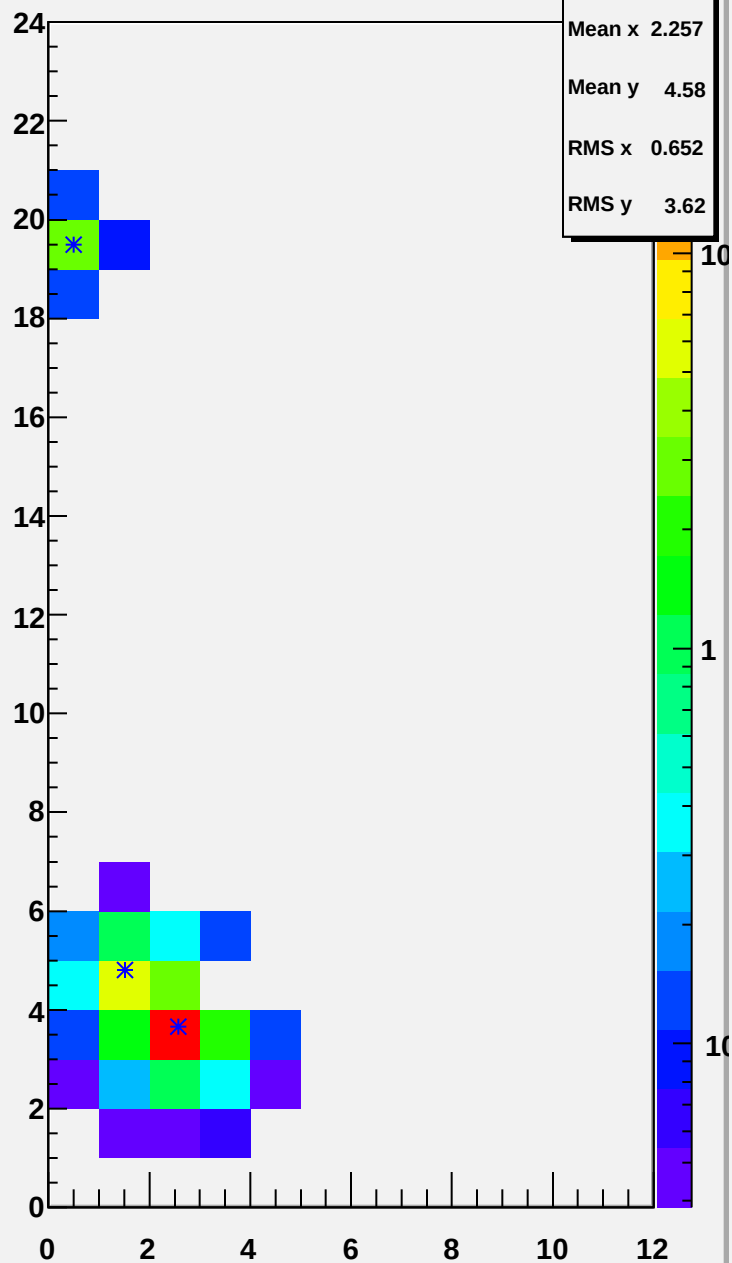
RMS x 0.591

RMS y 3.879

NSTB3_r4_c3_En=53.9_m0=0.170_m1=0.170_index=1048



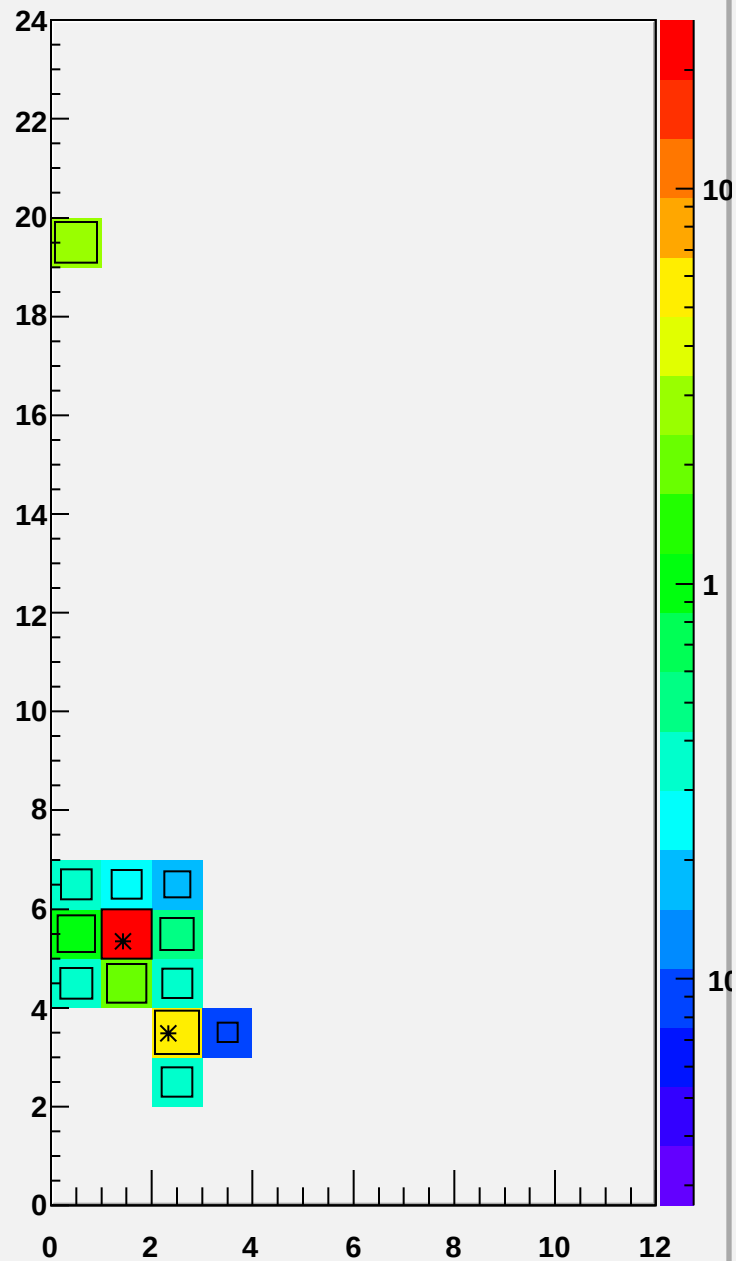
Fitted Energies



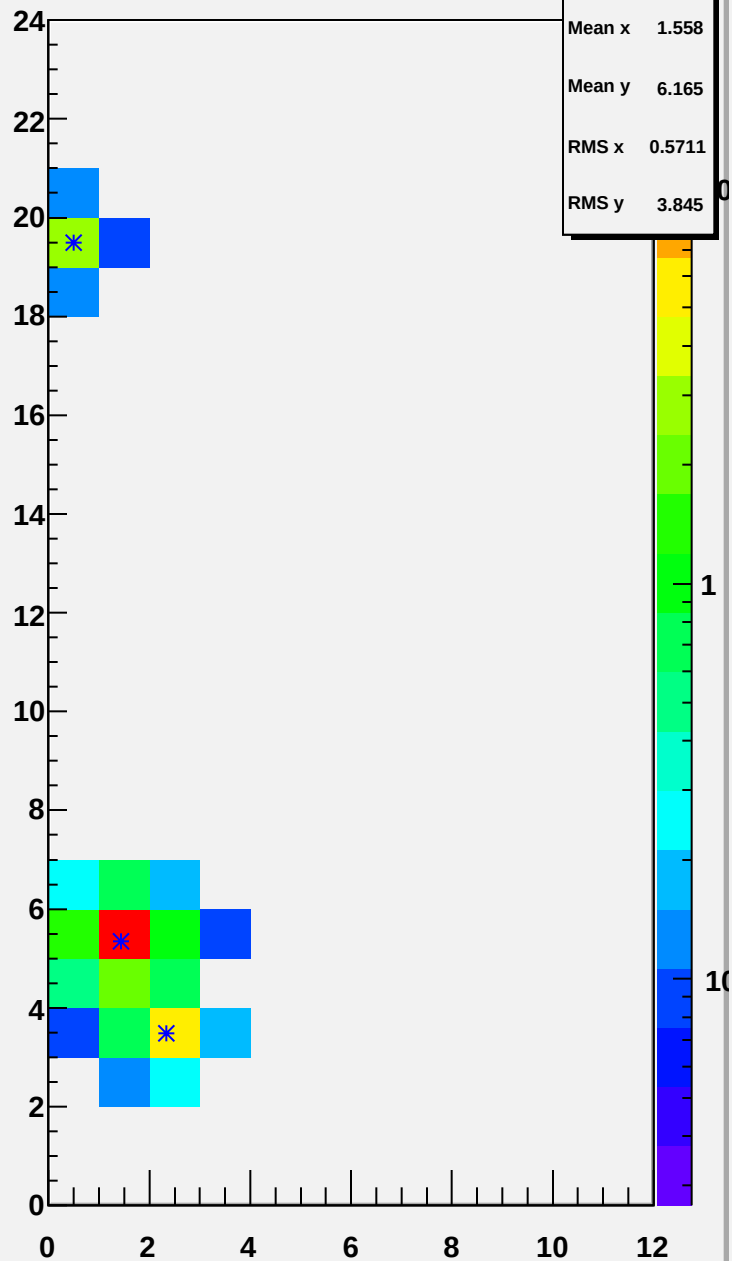
Efit

Entries 288
Mean x 2.257
Mean y 4.58
RMS x 0.652
RMS y 3.62

NSTB3_r4_c3_En=41.0_m0=0.171 m1=0.171 index=1049



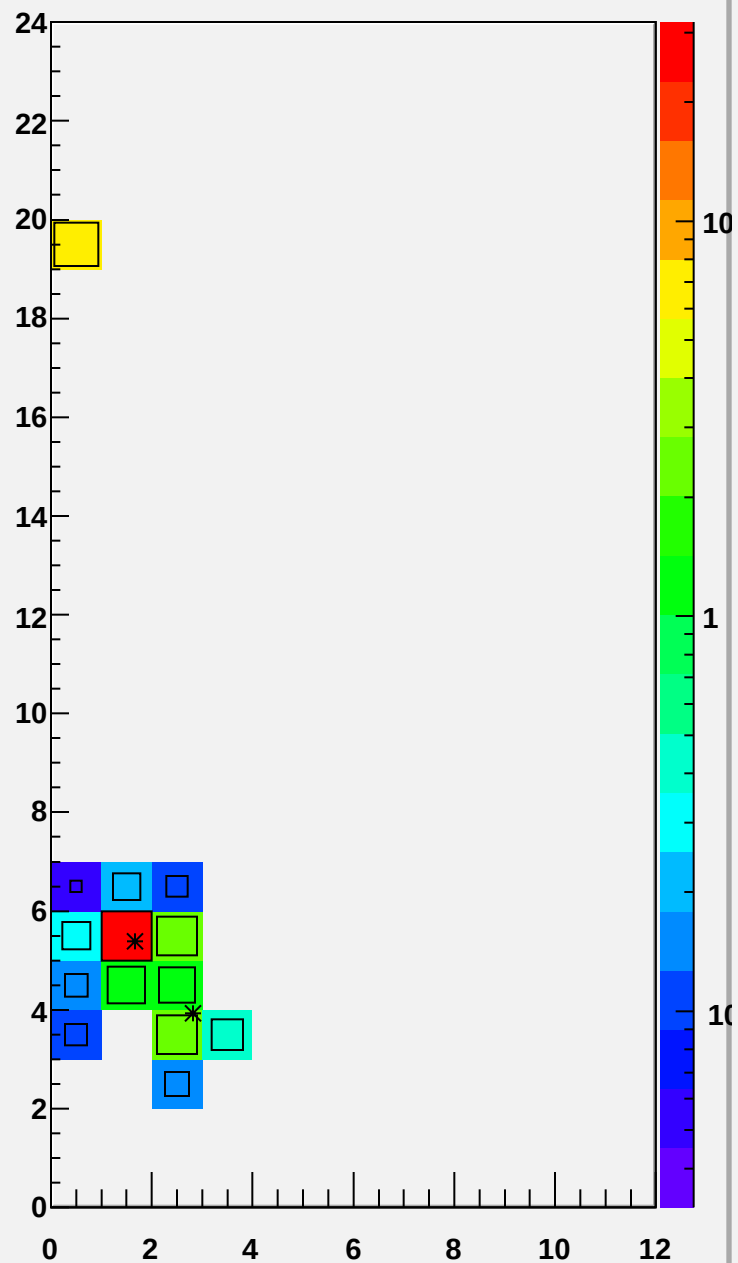
Fitted Energies



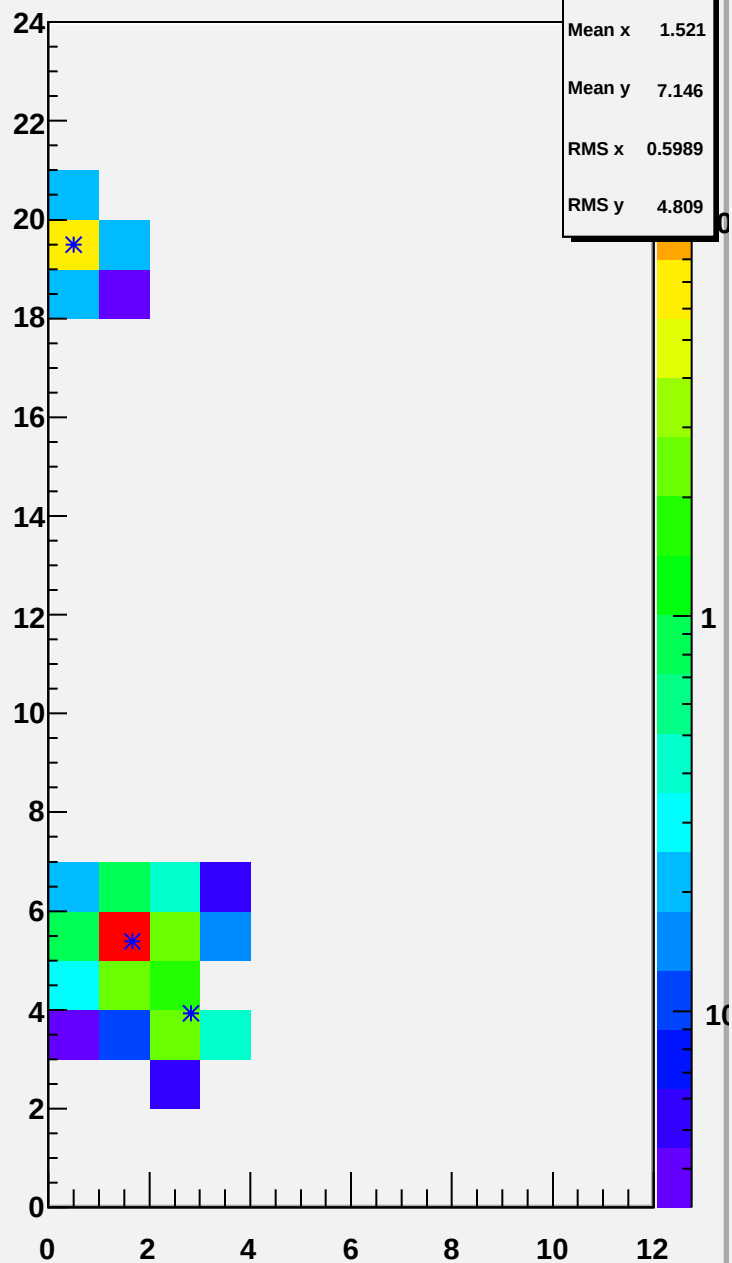
Efit

Entries	288
Mean x	1.558
Mean y	6.165
RMS x	0.5711
RMS y	3.845

NSTB3_r4_c3_En=47.0_m0=0.135 m1=0.135 index=1050



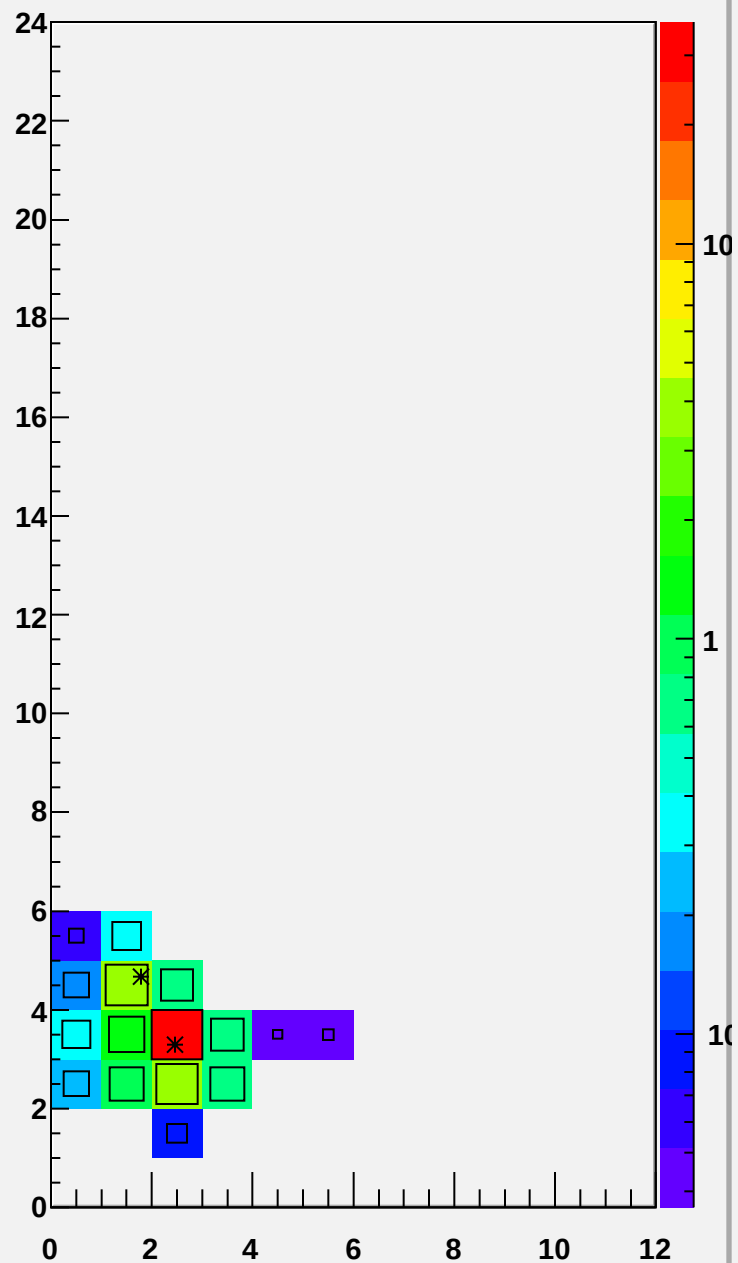
Fitted Energies



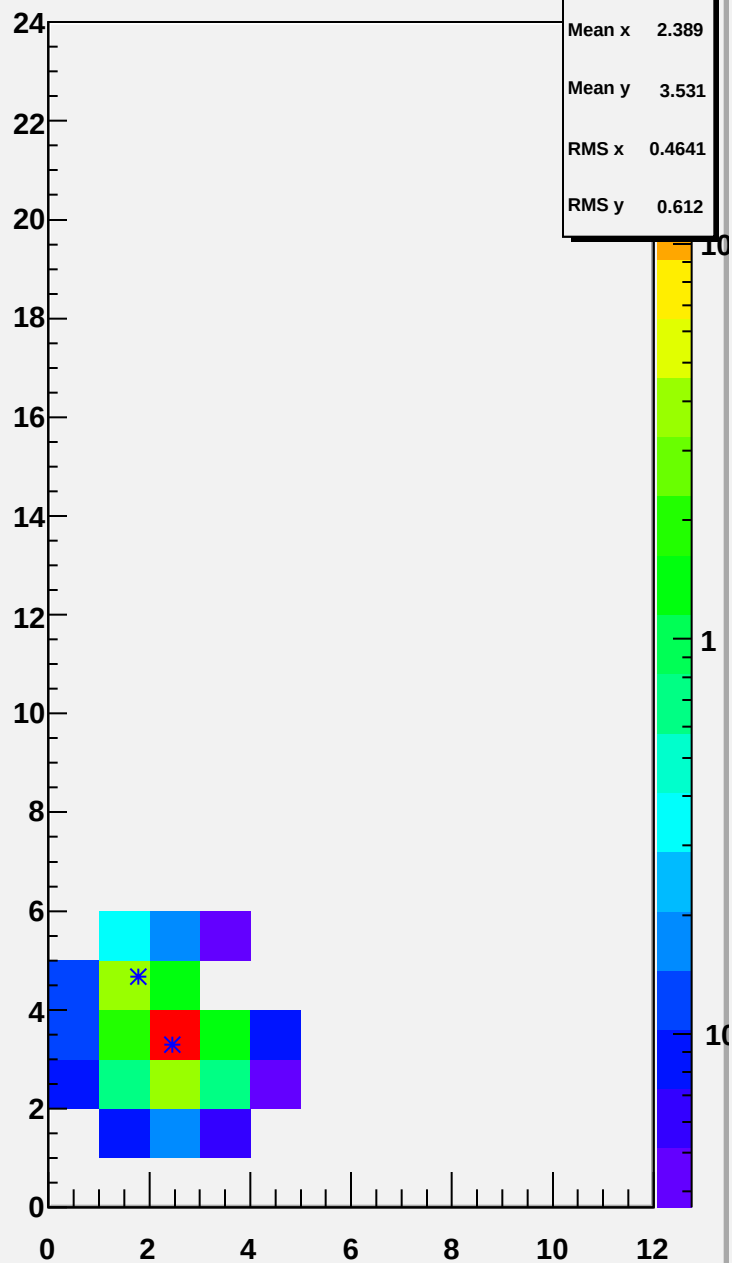
Efit

Entries	288
Mean x	1.521
Mean y	7.146
RMS x	0.5989
RMS y	4.809

NSTB3_r4_c3_En=49.4_m0=0.131 m1=0.132 index=1051



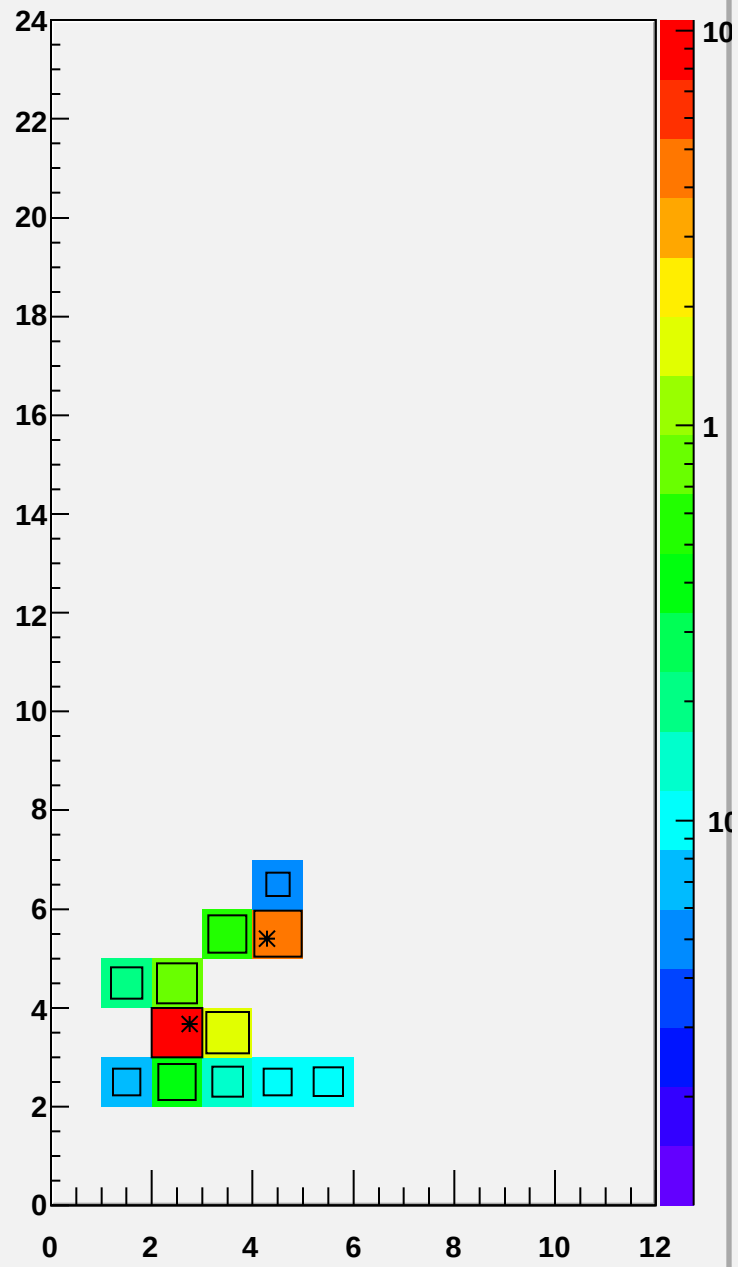
Fitted Energies



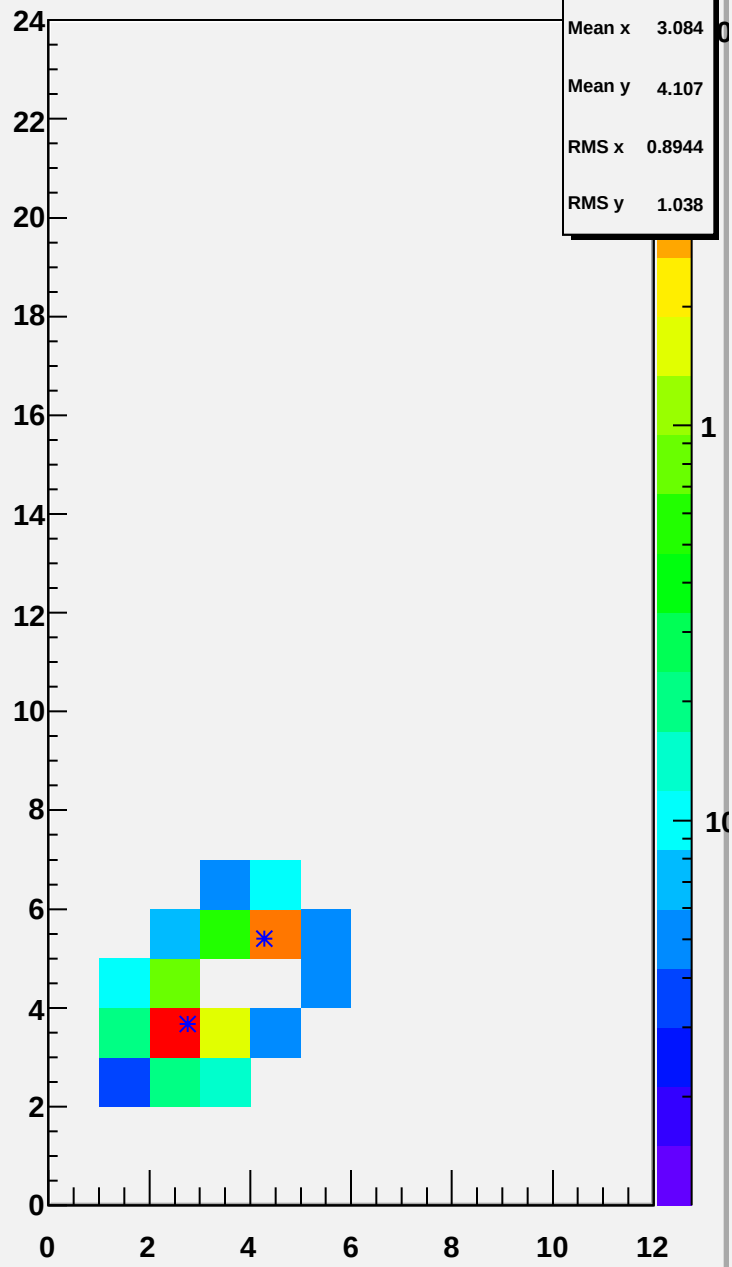
Efit

Entries	288
Mean x	2.389
Mean y	3.531
RMS x	0.4641
RMS y	0.612

NSTB3_r4_c3_En=19.0_m0=0.112 m1=0.112 index=1052



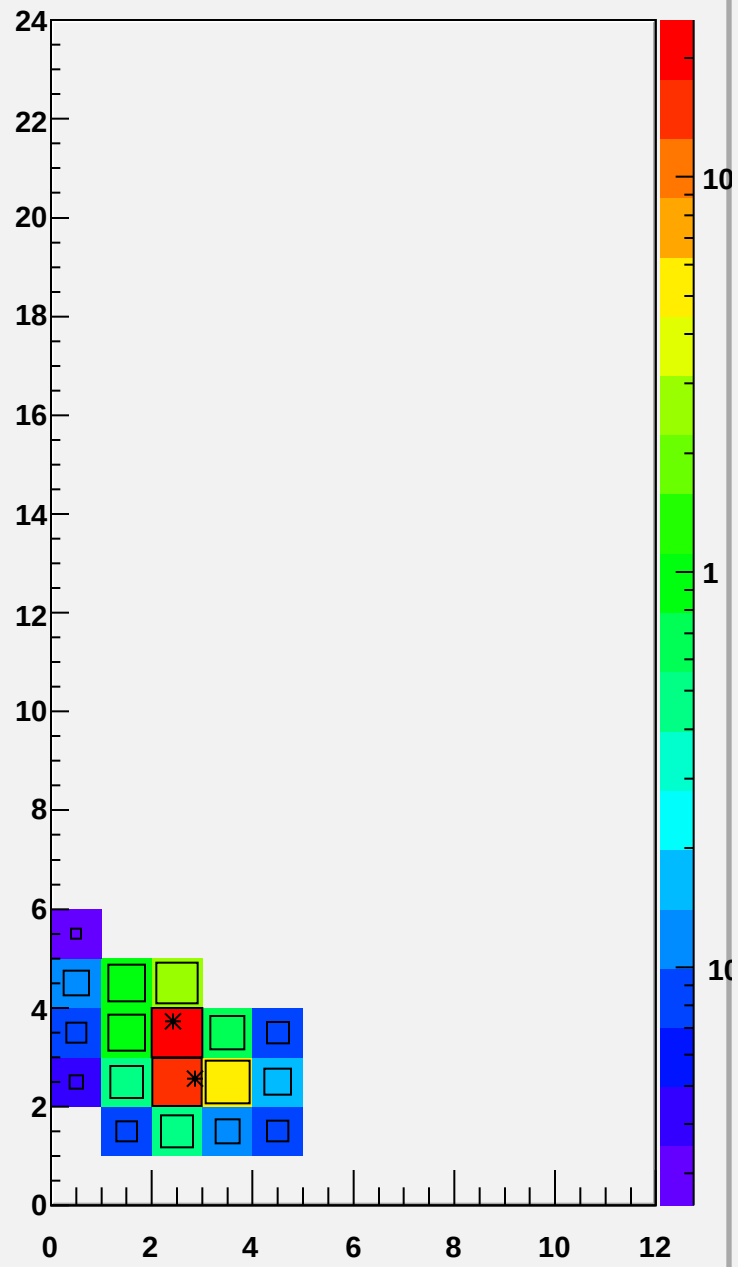
Fitted Energies



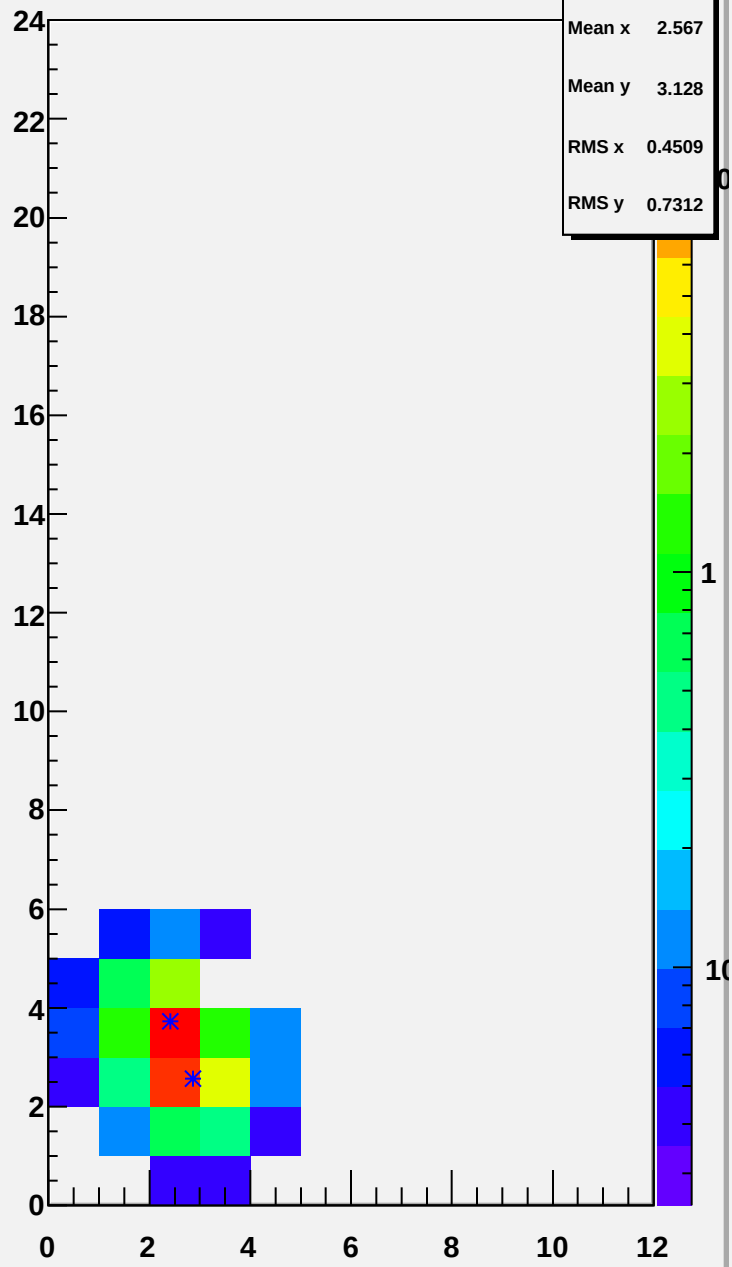
Efit

Entries	288
Mean x	3.084
Mean y	4.107
RMS x	0.8944
RMS y	1.038

NSTB3_r4_c3_En=54.0_m0=0.183 m1=0.184 index=1053



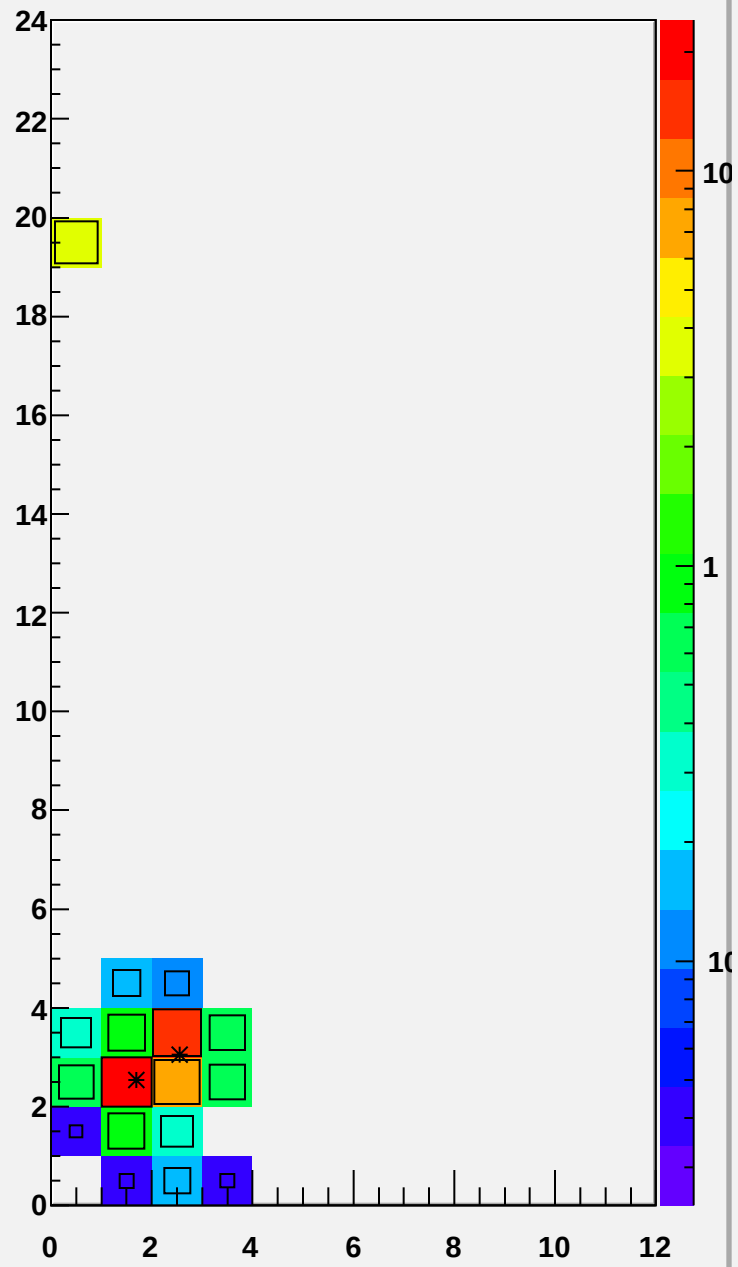
Fitted Energies



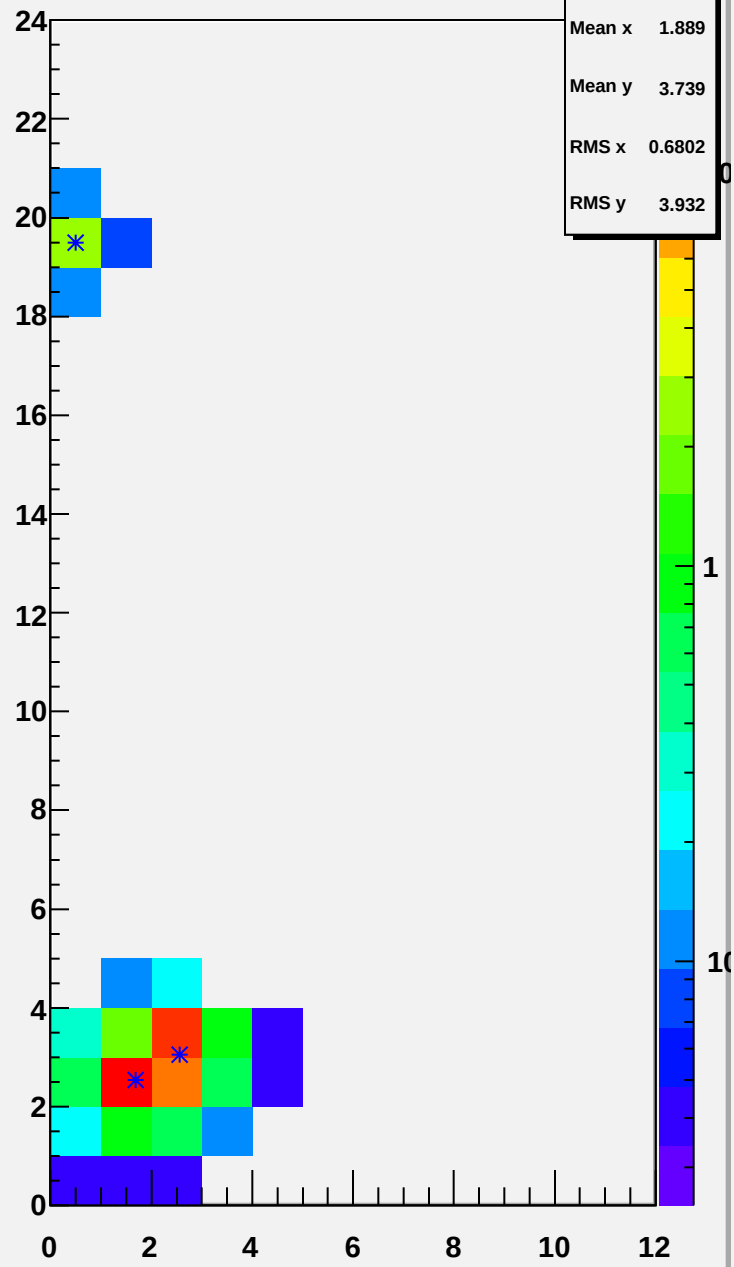
Efit

Entries	288
Mean x	2.567
Mean y	3.128
RMS x	0.4509
RMS y	0.7312

NSTB3_r4_c3_En=51.0_m0=0.142 m1=0.143 index=1054



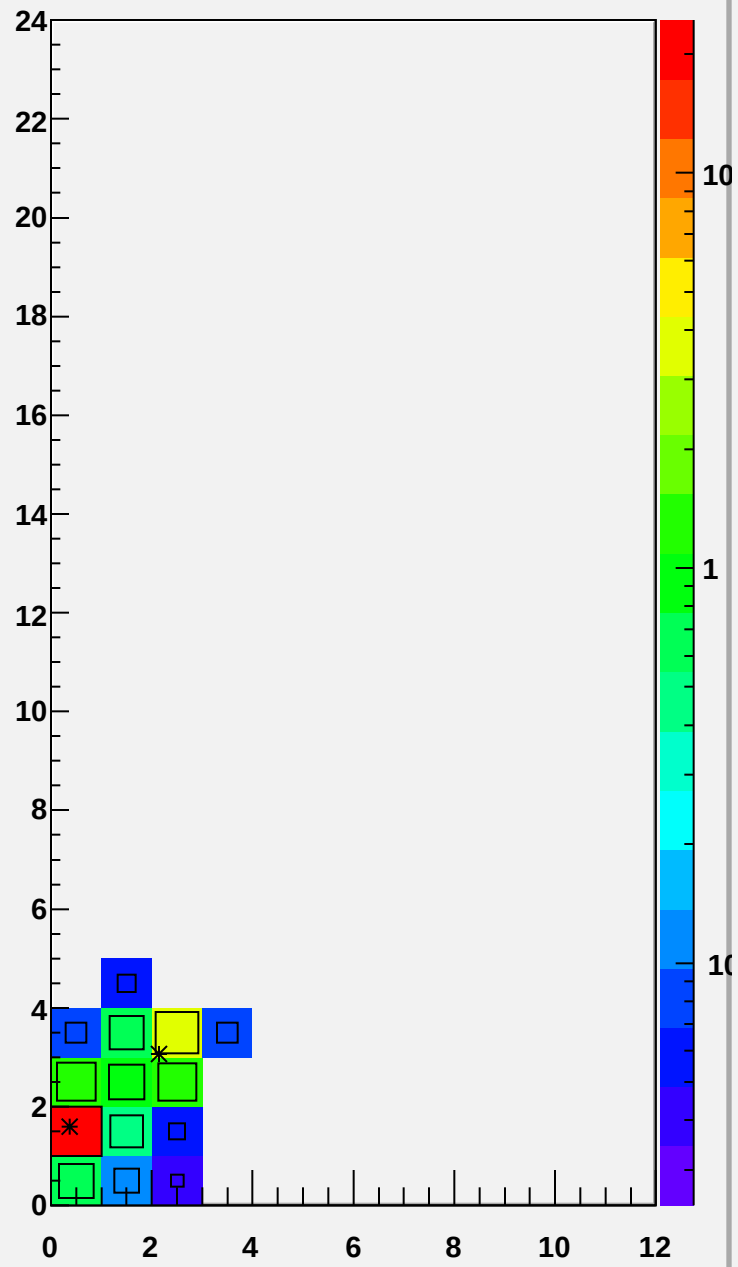
Fitted Energies



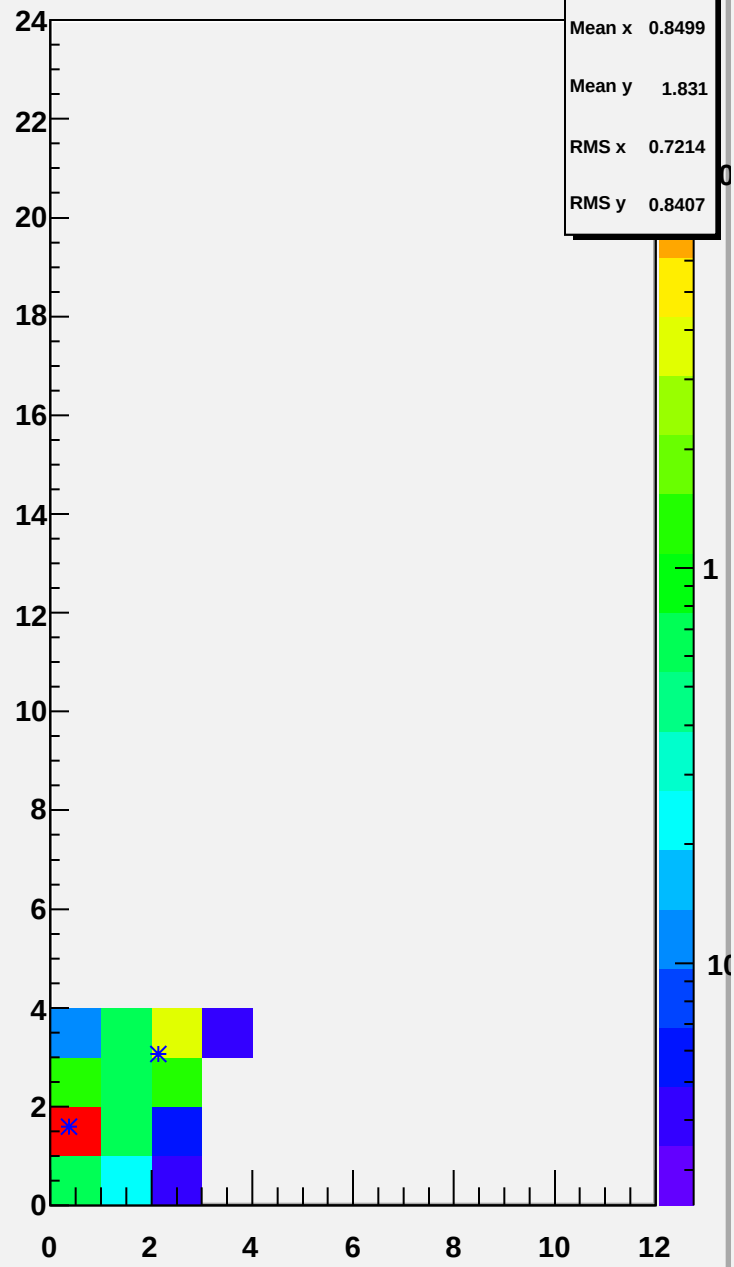
Efit

Entries	288
Mean x	1.889
Mean y	3.739
RMS x	0.6802
RMS y	3.932

NSTB3_r4_c3_En=33.0_m0=0.170 m1=0.170 index=1055



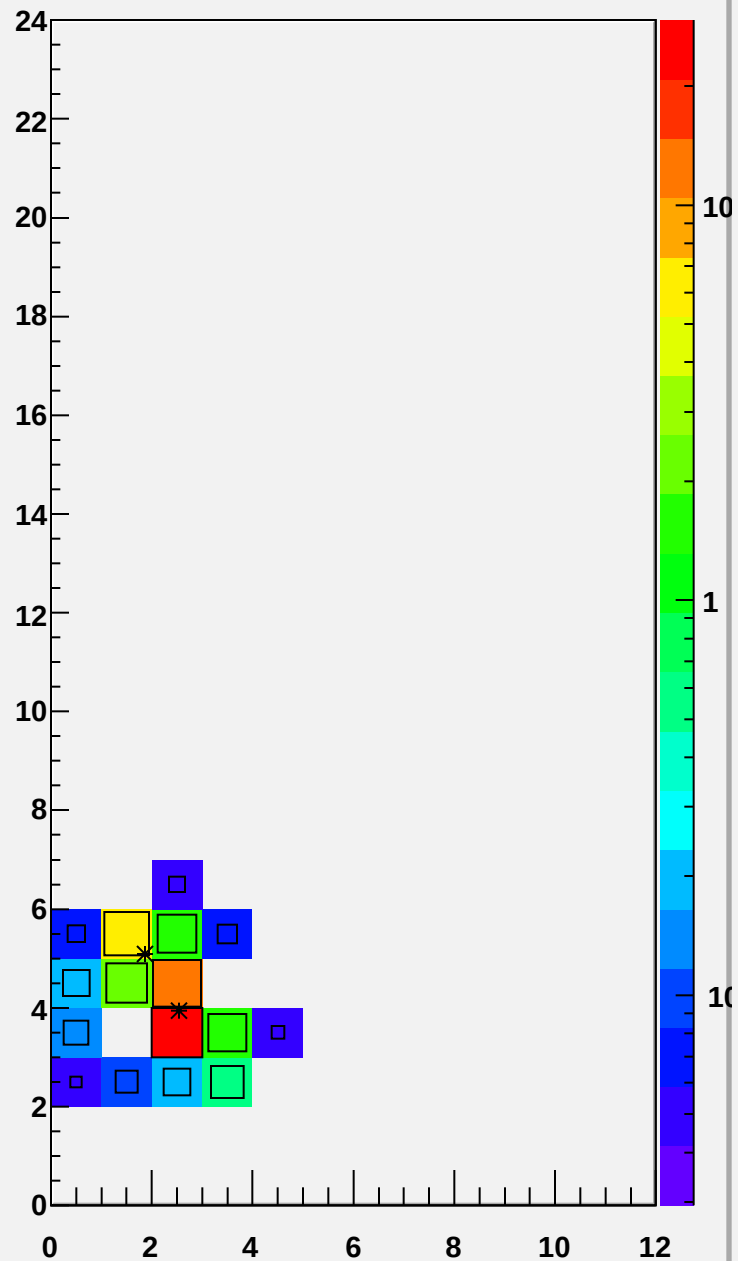
Fitted Energies



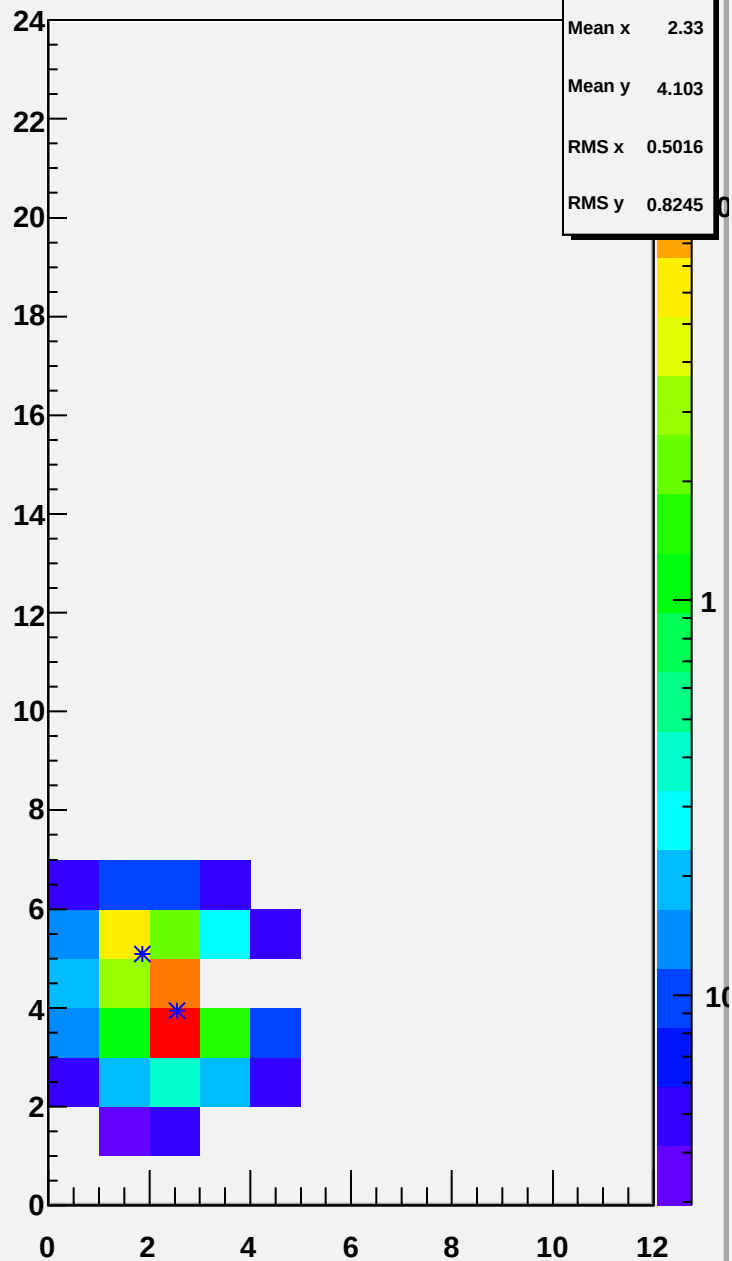
Efit

Entries	288
Mean x	0.8499
Mean y	1.831
RMS x	0.7214
RMS y	0.8407

NSTB3_r4_c3_En=56.8_m0=0.184 m1=0.183 index=1057



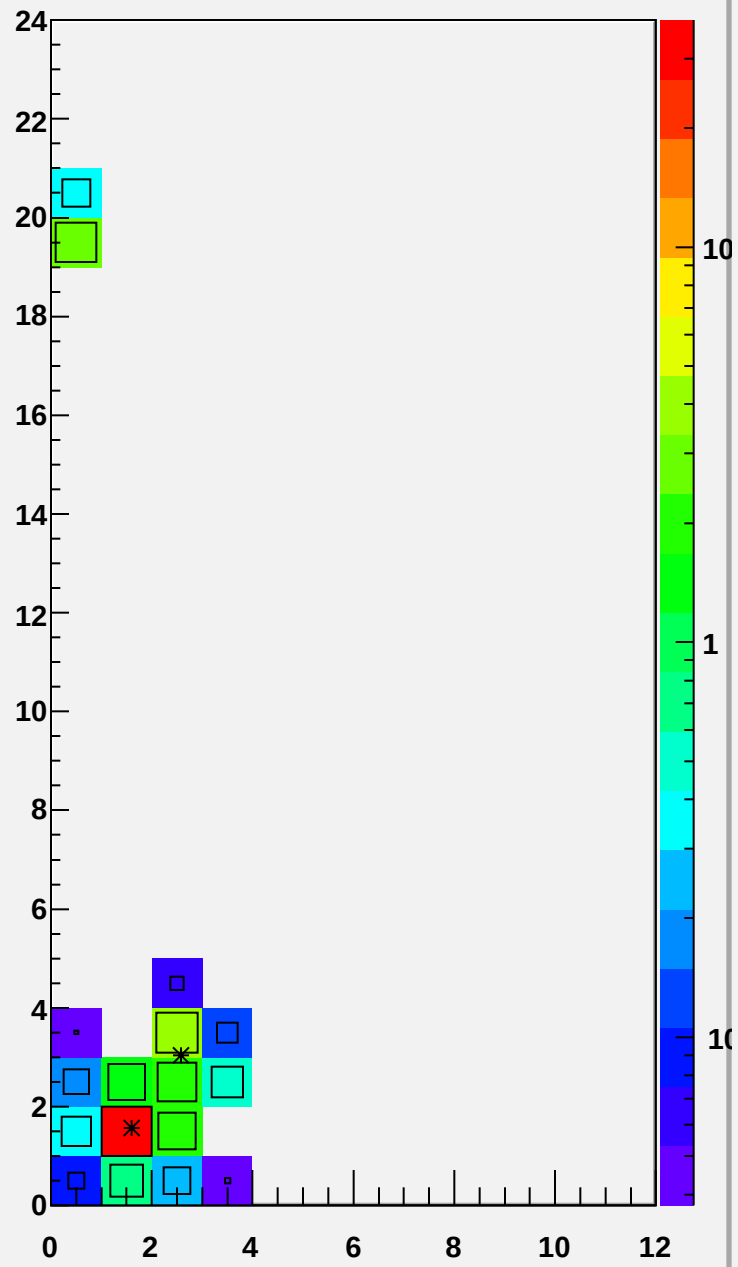
Fitted Energies



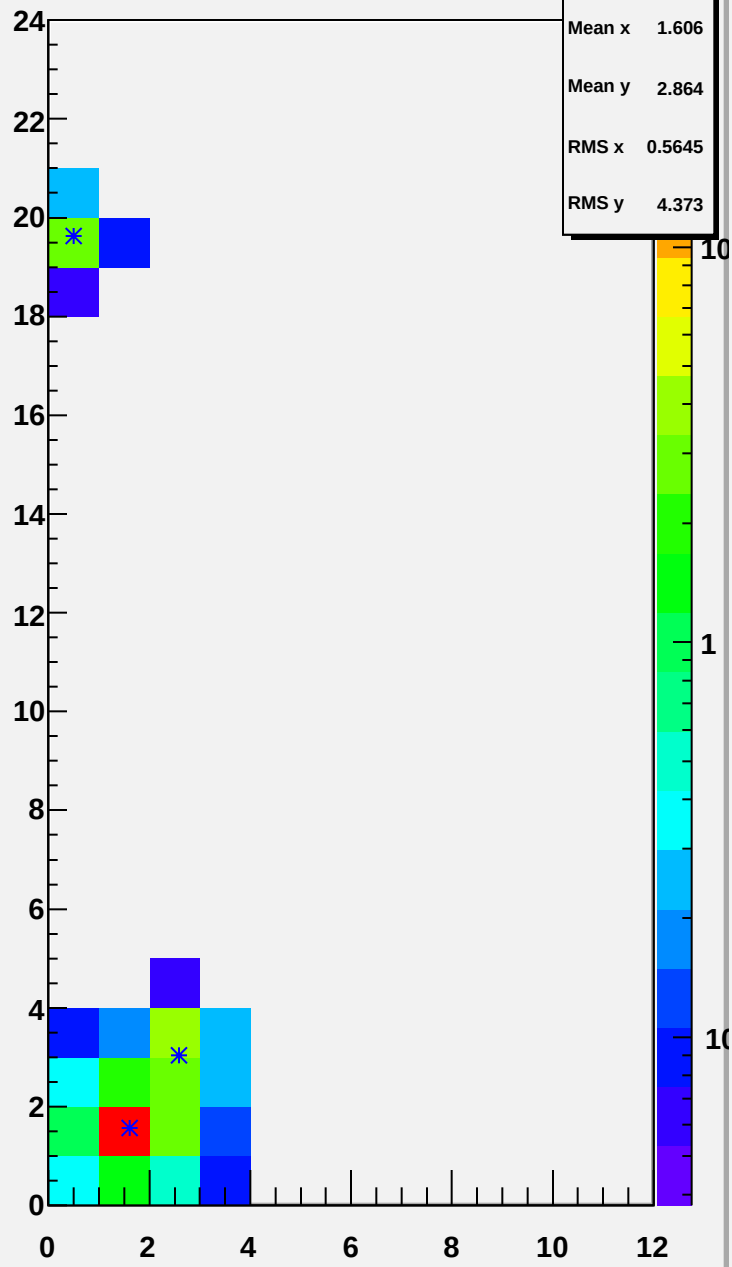
Efit

Entries	288
Mean x	2.33
Mean y	4.103
RMS x	0.5016
RMS y	0.8245

NSTB3_r4_c3_En=52.9_m0=0.177 m1=0.177 index=1058



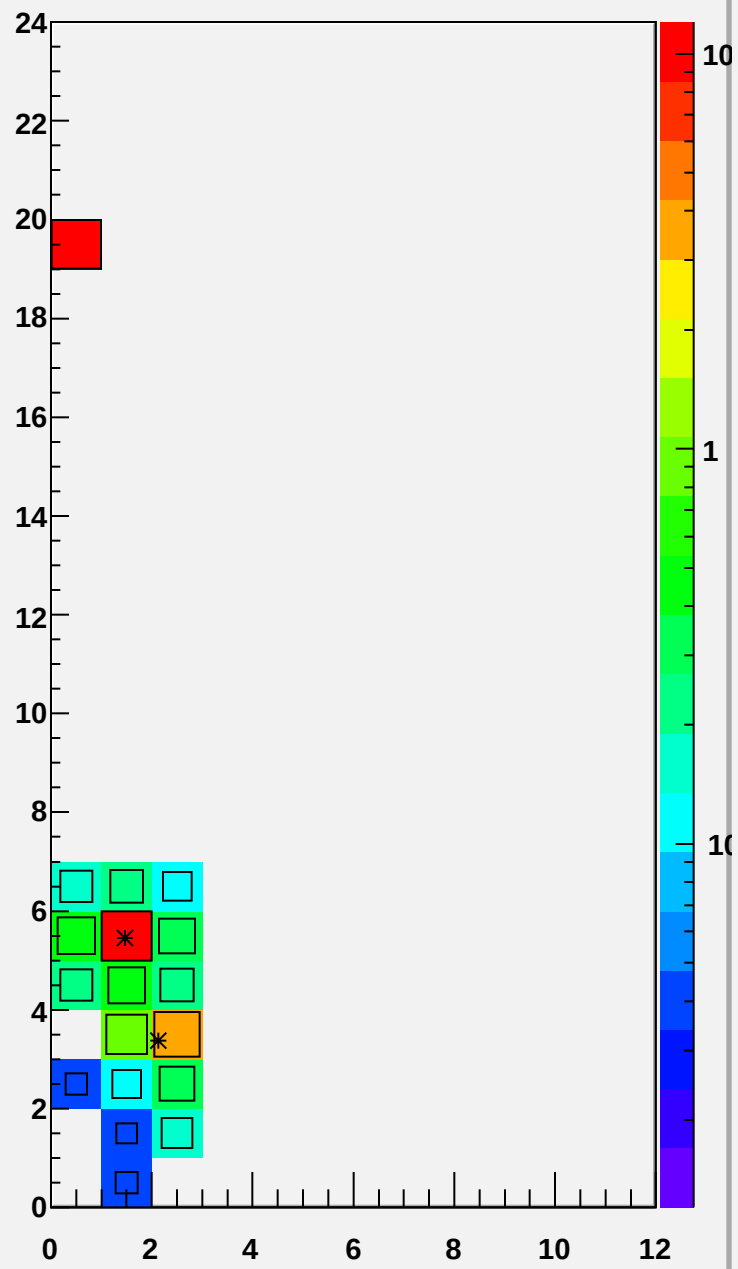
Fitted Energies



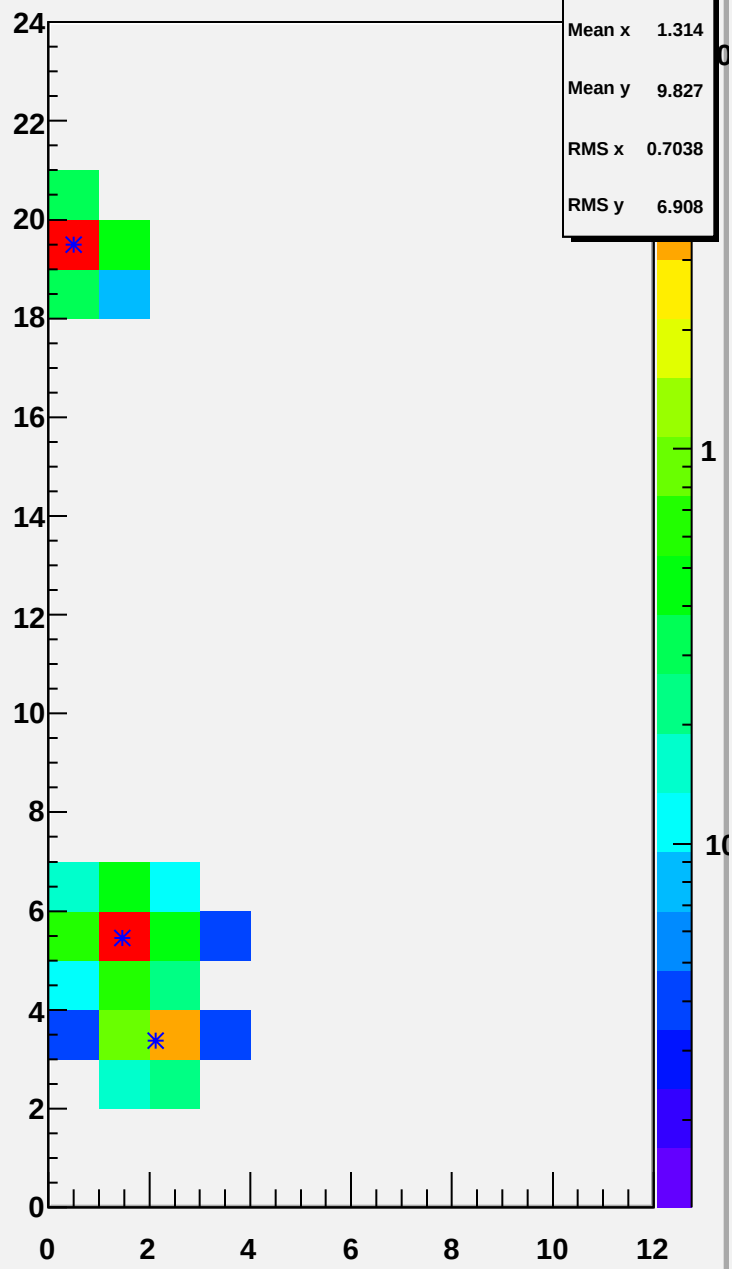
Efit

Entries	288
Mean x	1.606
Mean y	2.864
RMS x	0.5645
RMS y	4.373

NSTB3_r4_c3_En=29.5_m0=0.106 m1=0.106 index=1059



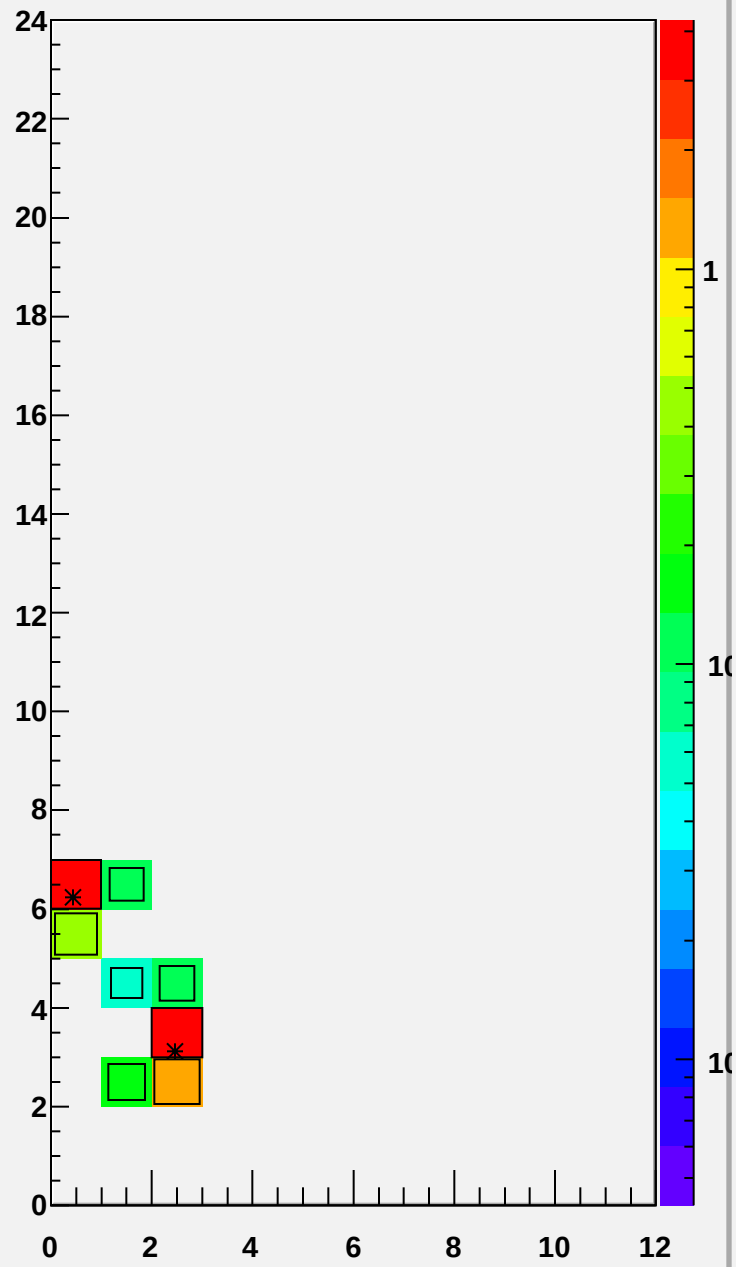
Fitted Energies



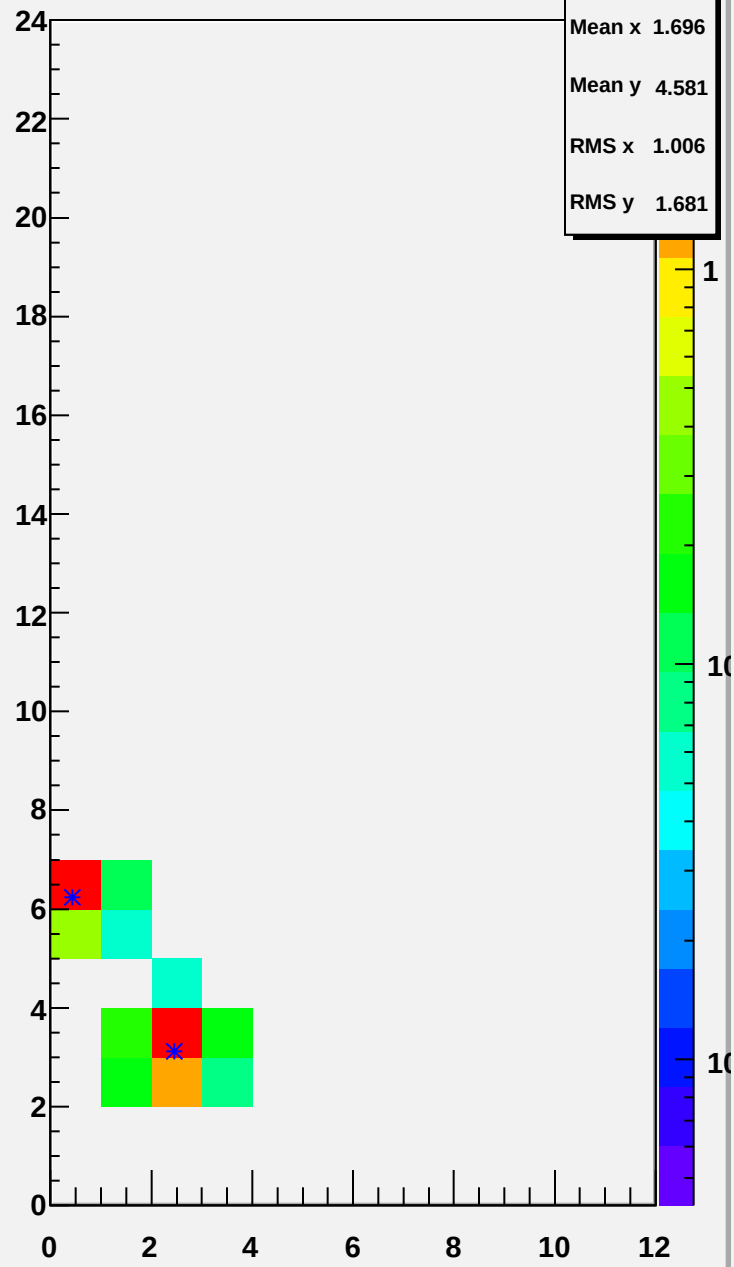
Efit

Entries	288
Mean x	1.314
Mean y	9.827
RMS x	0.7038
RMS y	6.908

NSTB3_r4_c3_En=10.1_m0=0.112_m1=0.112_index=1061



Fitted Energies



Efit

Entries 288

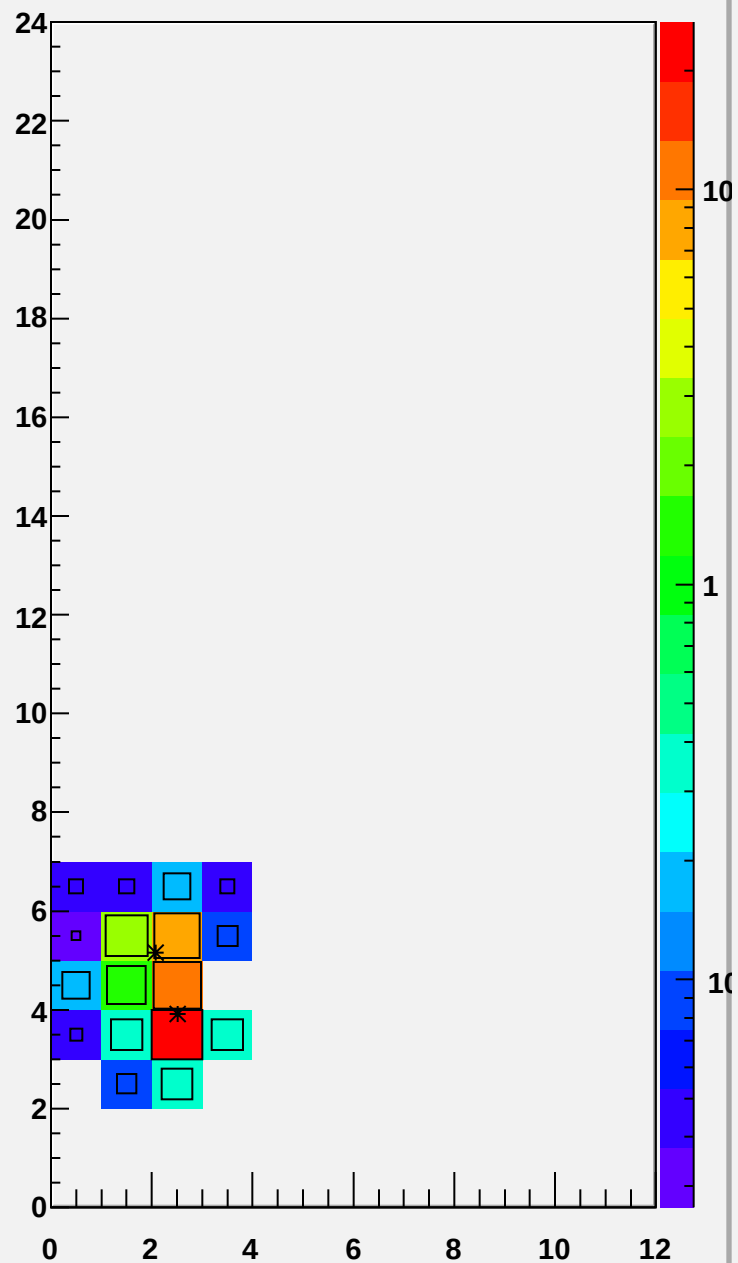
Mean x 1.696

Mean y 4.581

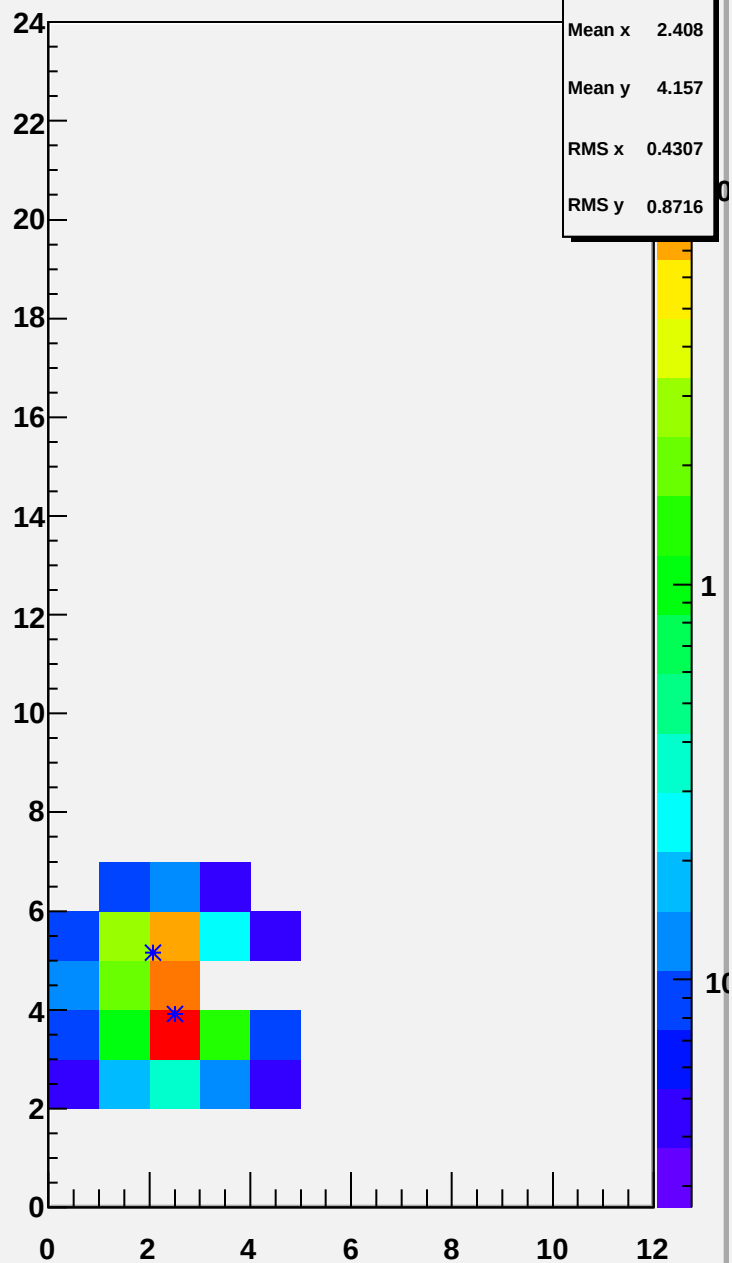
RMS x 1.006

RMS y 1.681

NSTB3_r4_c3_En=51.6_m0=0.165 m1=0.165 index=1062



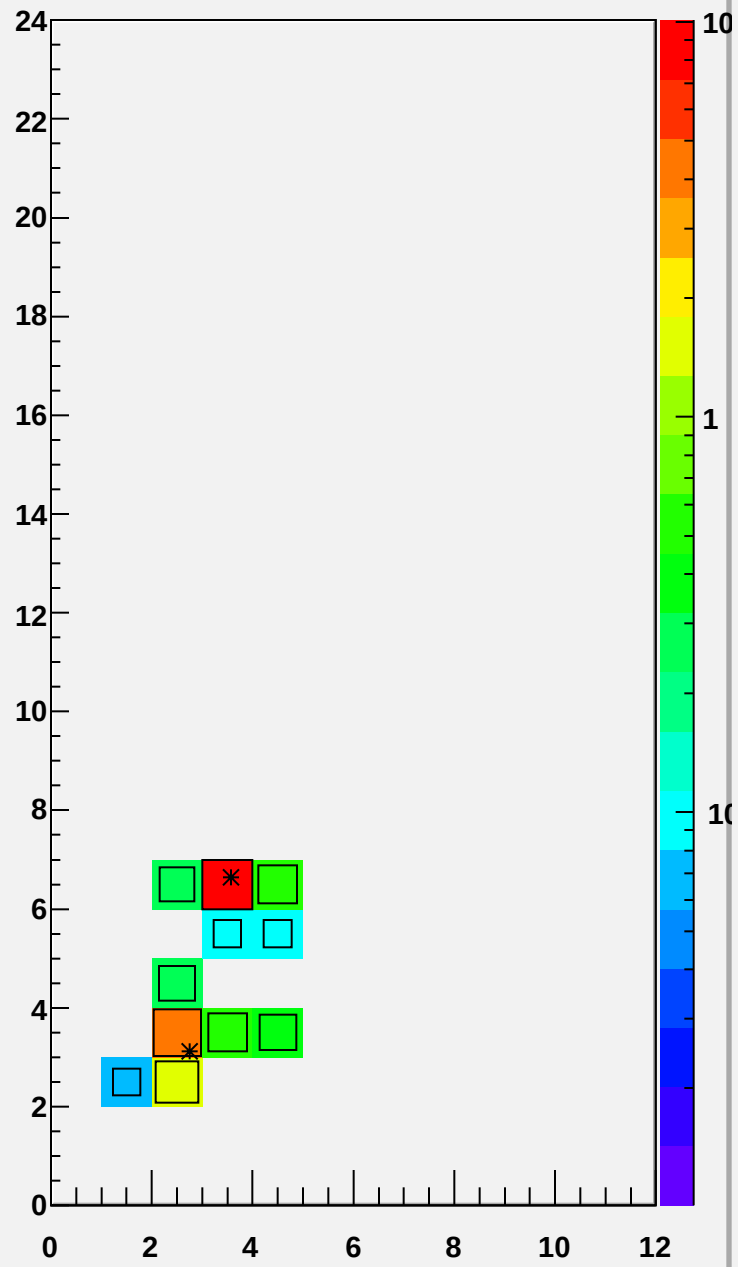
Fitted Energies



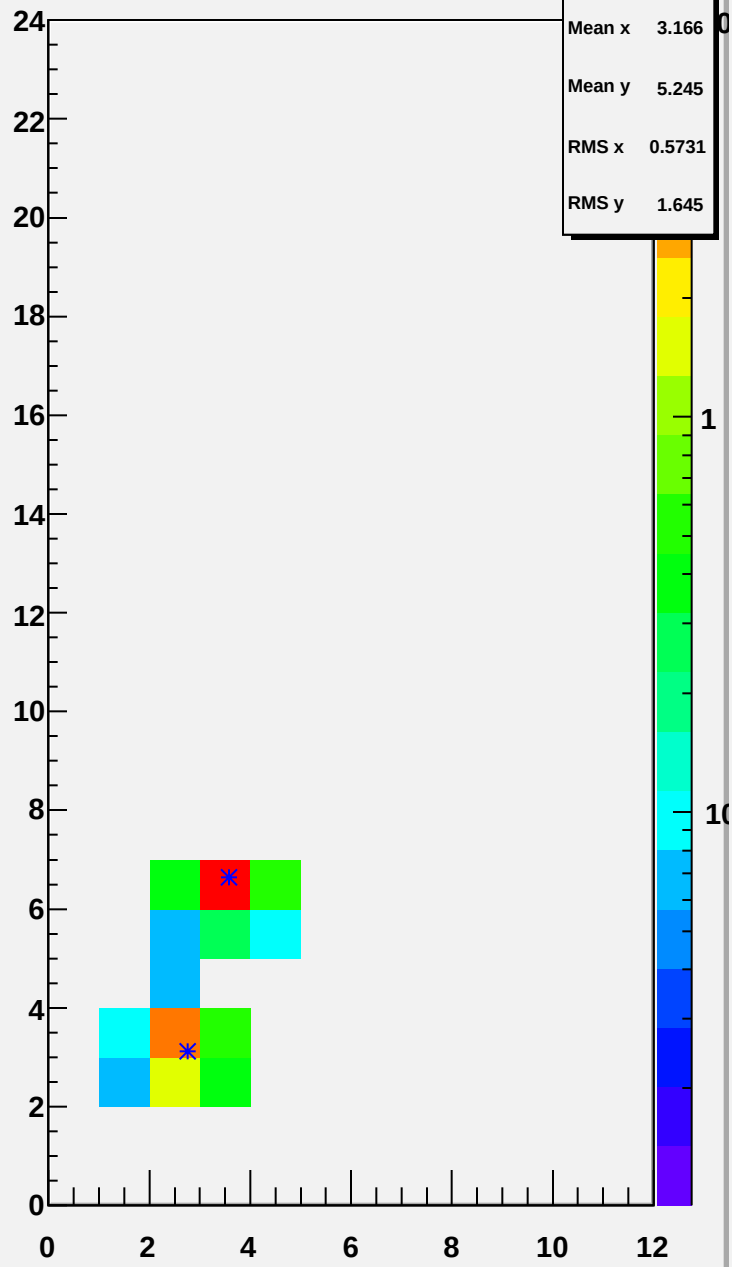
Efit

Entries	288
Mean x	2.408
Mean y	4.157
RMS x	0.4307
RMS y	0.8716

NSTB3_r4_c3_En=18.4_m0=0.190 m1=0.190 index=1063



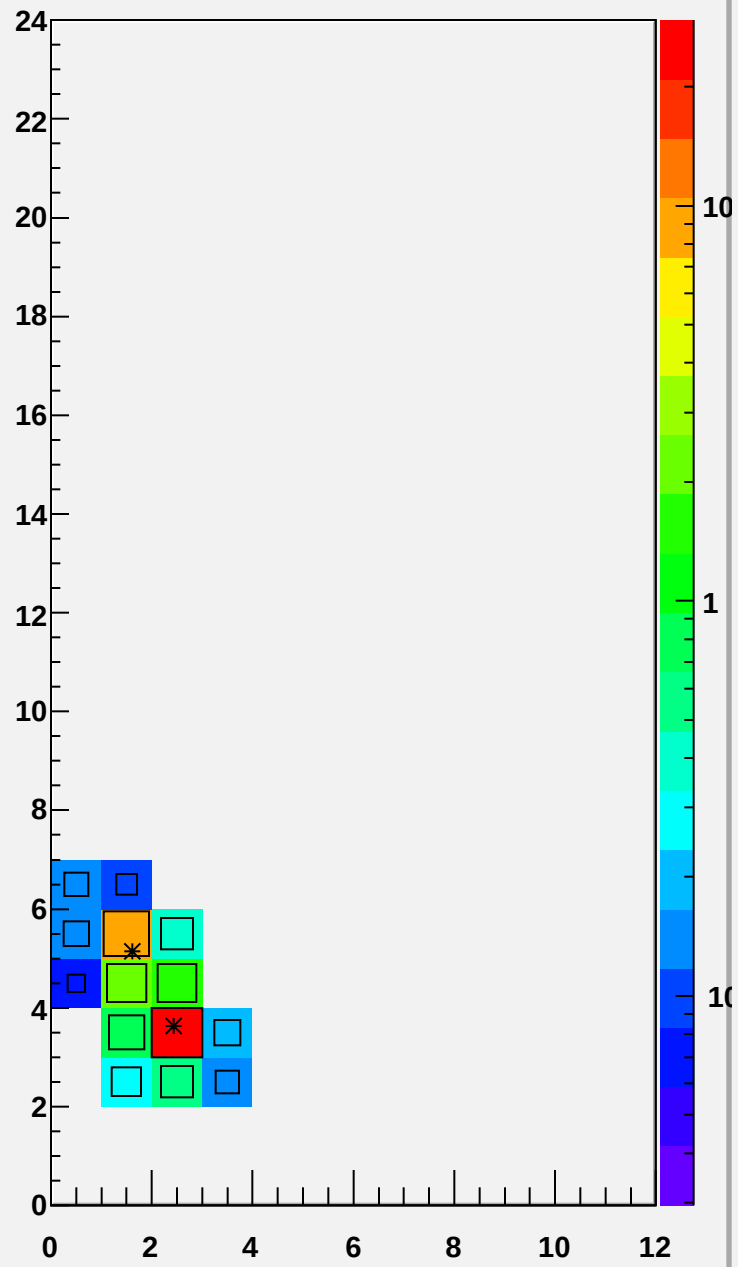
Fitted Energies



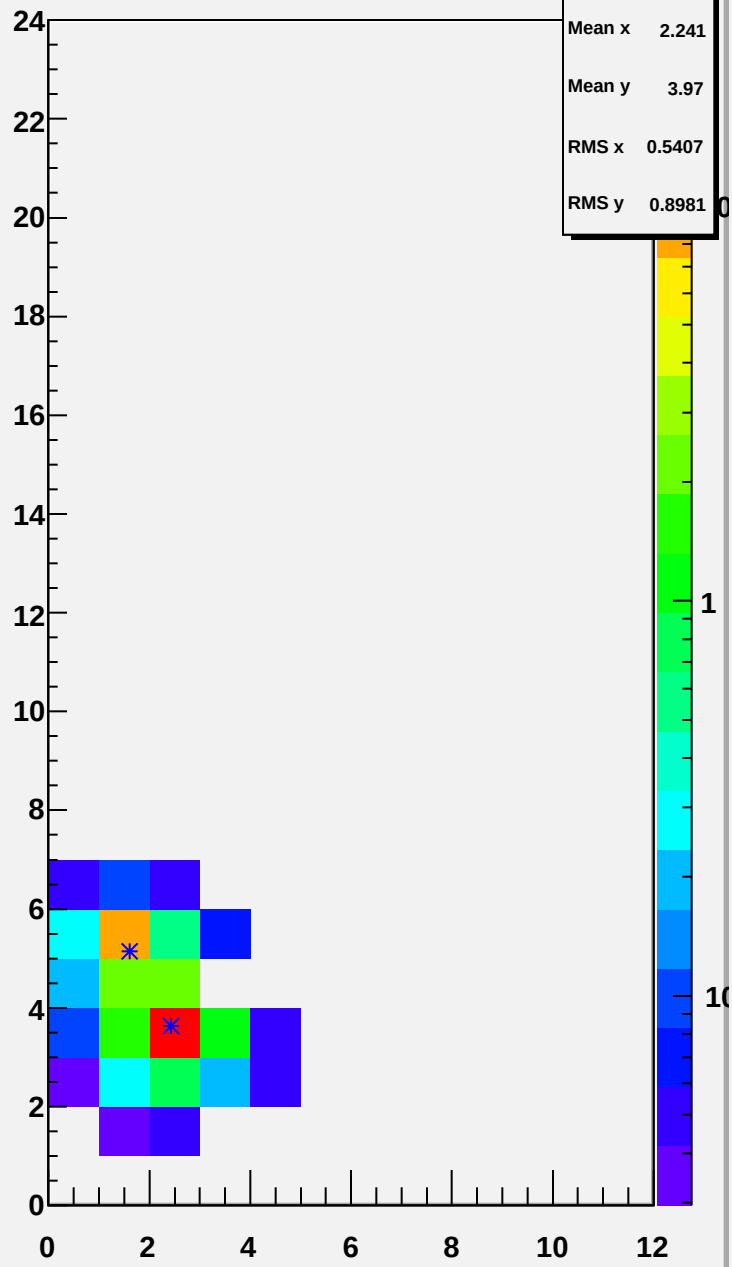
Efit

Entries	288
Mean x	3.166
Mean y	5.245
RMS x	0.5731
RMS y	1.645

NSTB3_r4_c3_En=43.9_m0=0.191 m1=0.192 index=1064



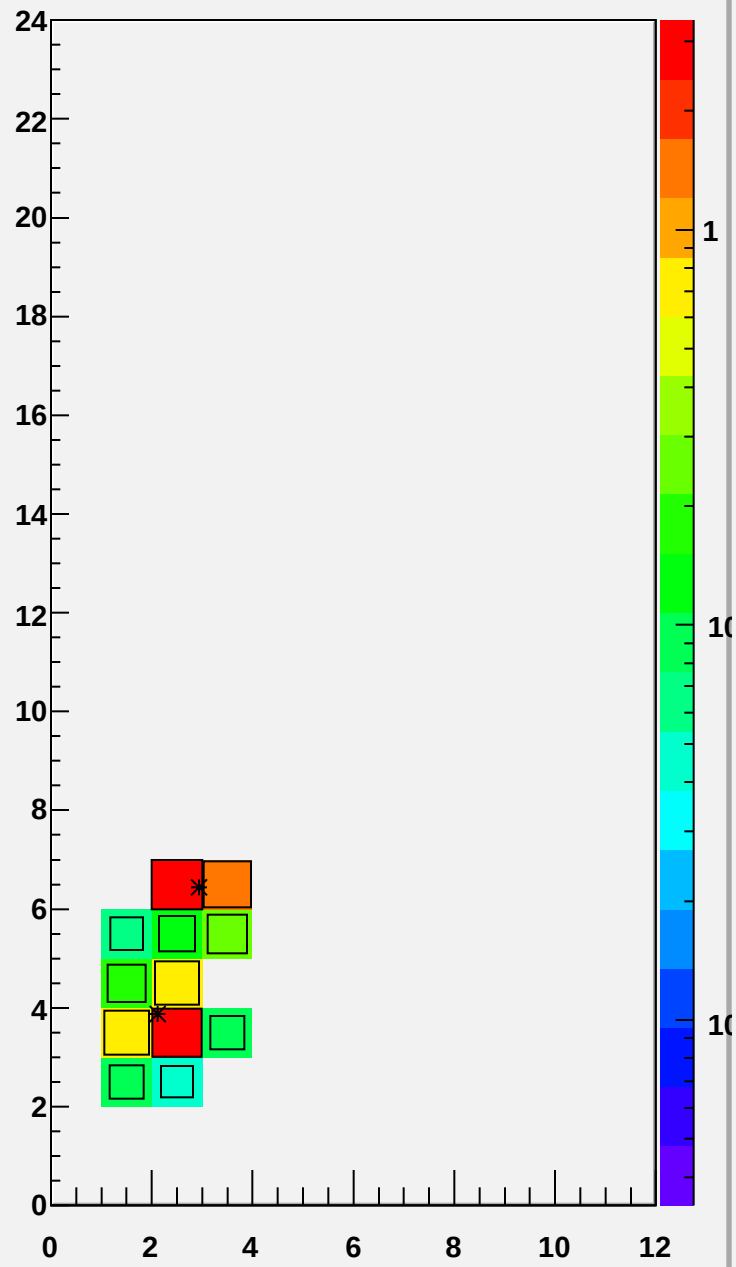
Fitted Energies



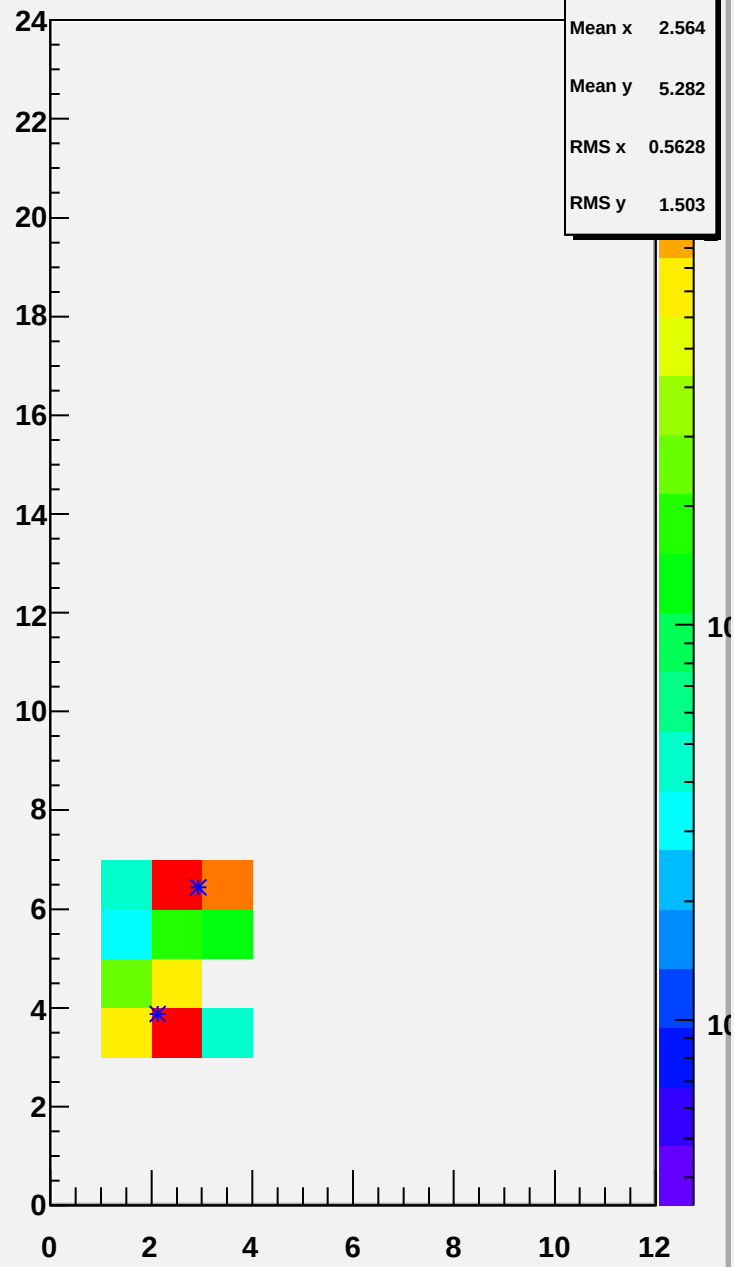
Efit

Entries	288
Mean x	2.241
Mean y	3.97
RMS x	0.5407
RMS y	0.8981

NSTB3_r4_c3_En= 9.7_m0=0.074 m1=0.074 index=1065



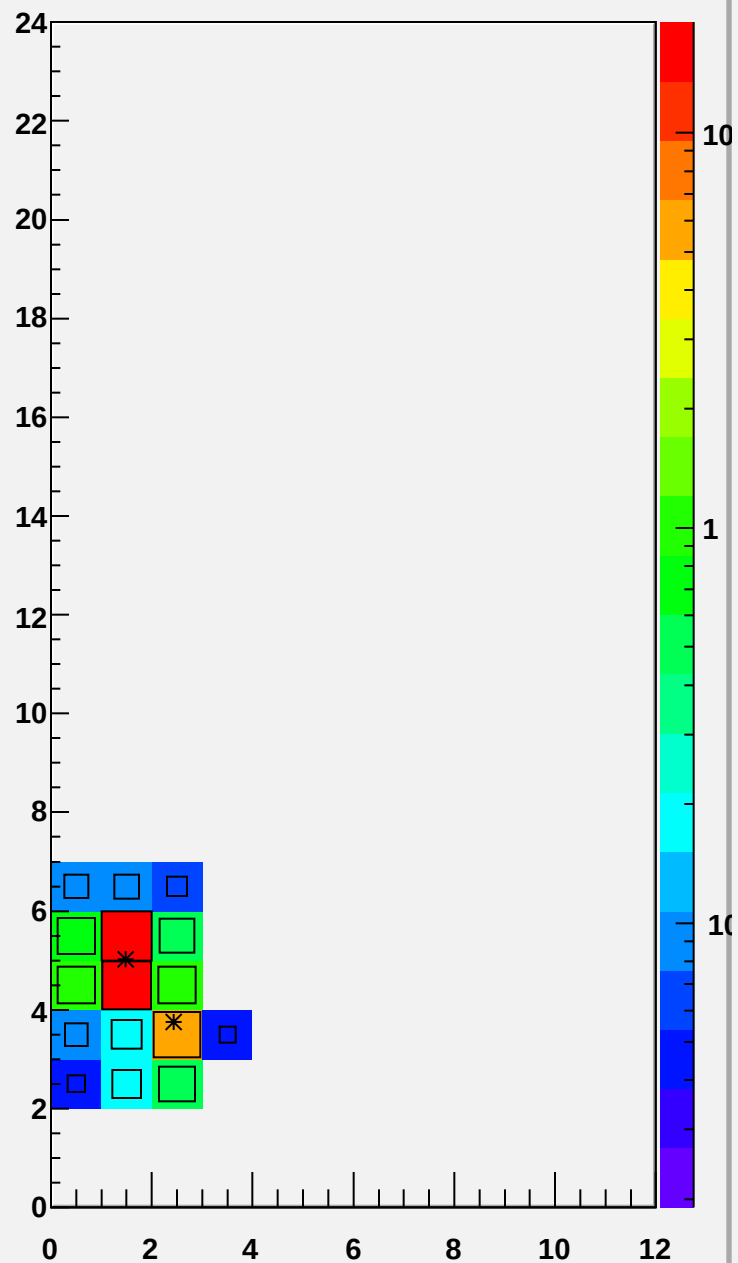
Fitted Energies



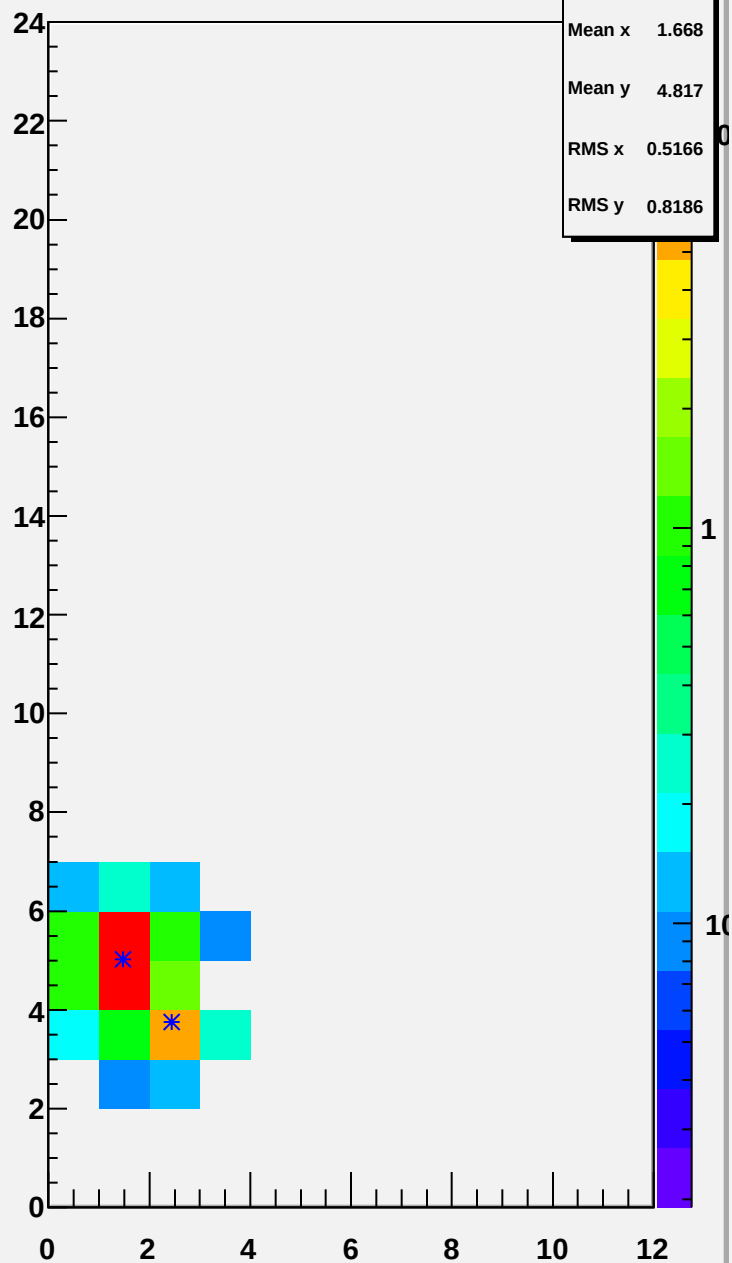
Efit

Entries	288
Mean x	2.564
Mean y	5.282
RMS x	0.5628
RMS y	1.503

NSTB3_r4_c3_En=43.7_m0=0.157 m1=0.157 index=1066



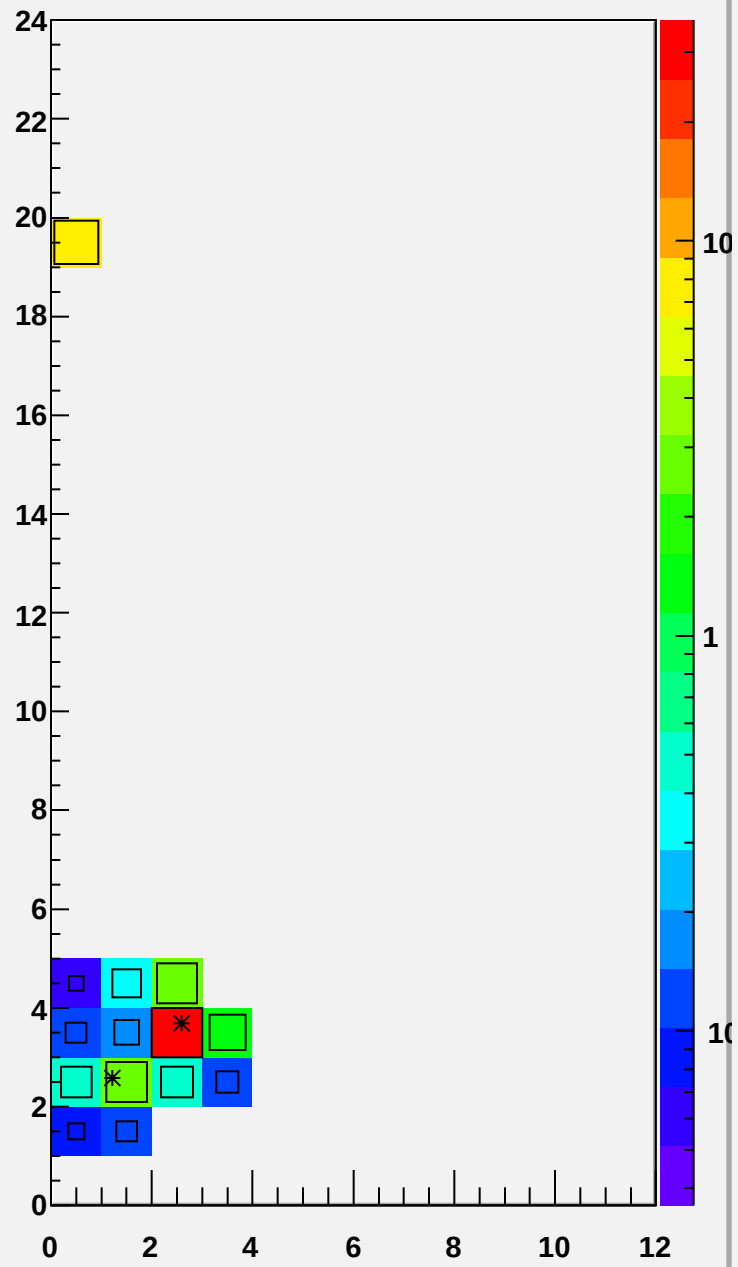
Fitted Energies



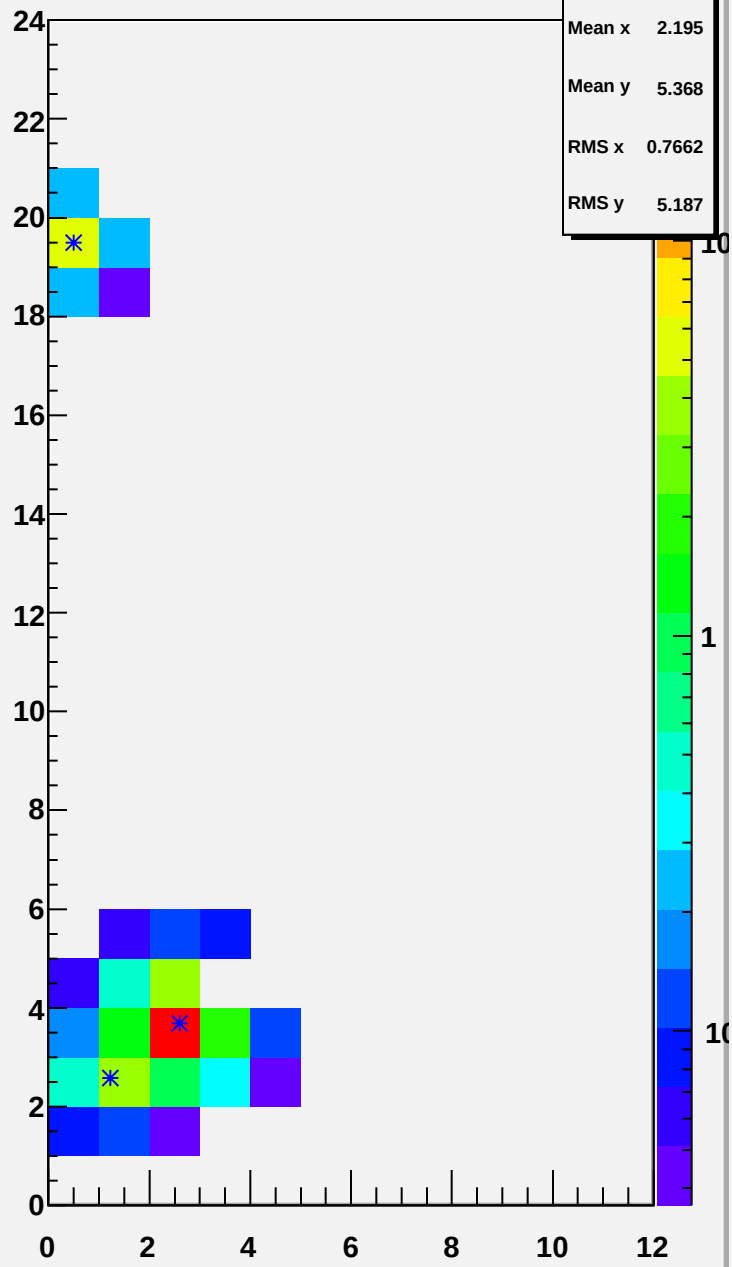
Efit

Entries	288
Mean x	1.668
Mean y	4.817
RMS x	0.5166
RMS y	0.8186

NSTB3_r4_c3_En=52.3_m0=0.134 m1=0.134 index=1068



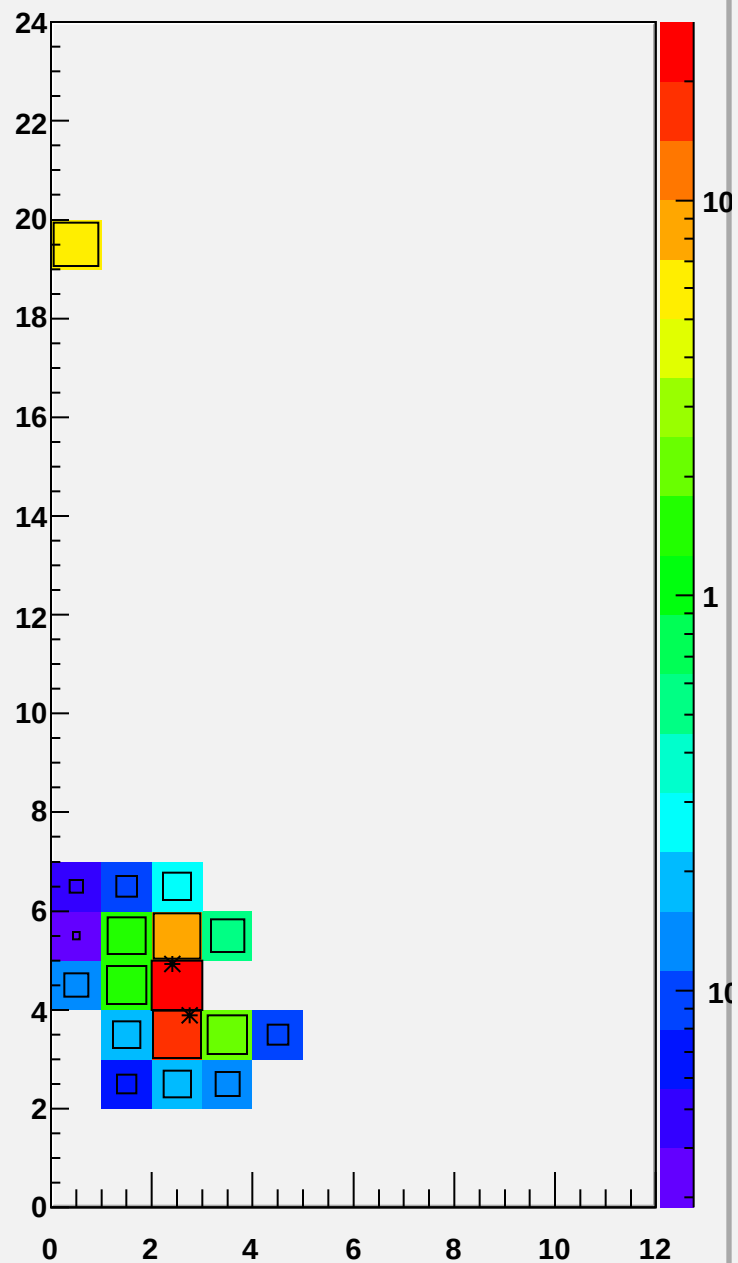
Fitted Energies



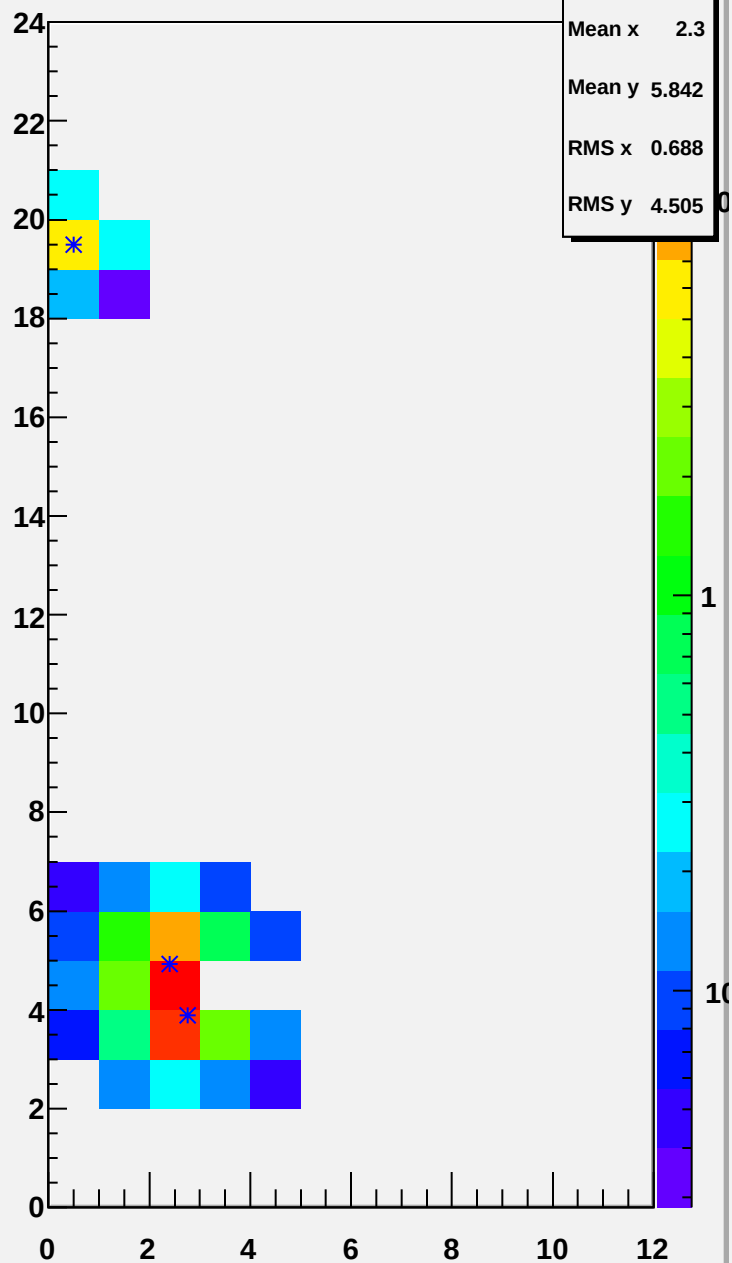
Efit

Entries	288
Mean x	2.195
Mean y	5.368
RMS x	0.7662
RMS y	5.187

NSTB3_r4_c3_En=67.8_m0=0.187 m1=0.187 index=1069



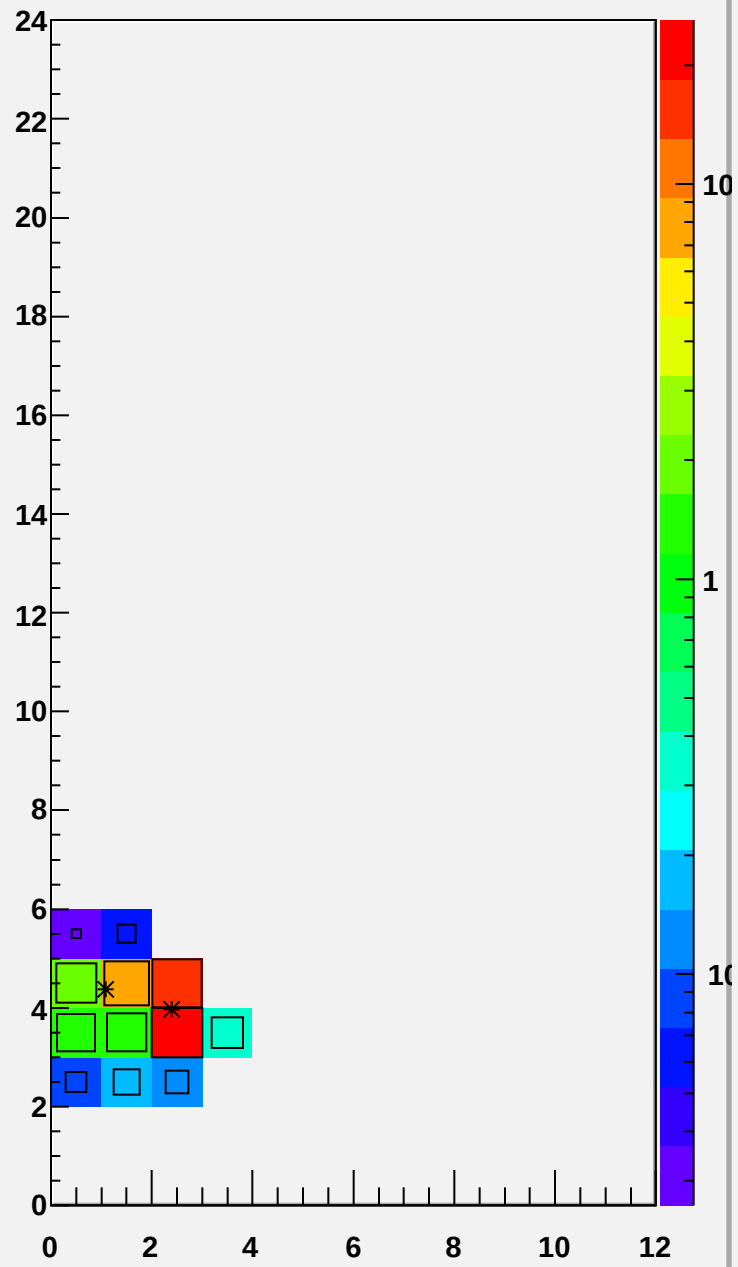
Fitted Energies



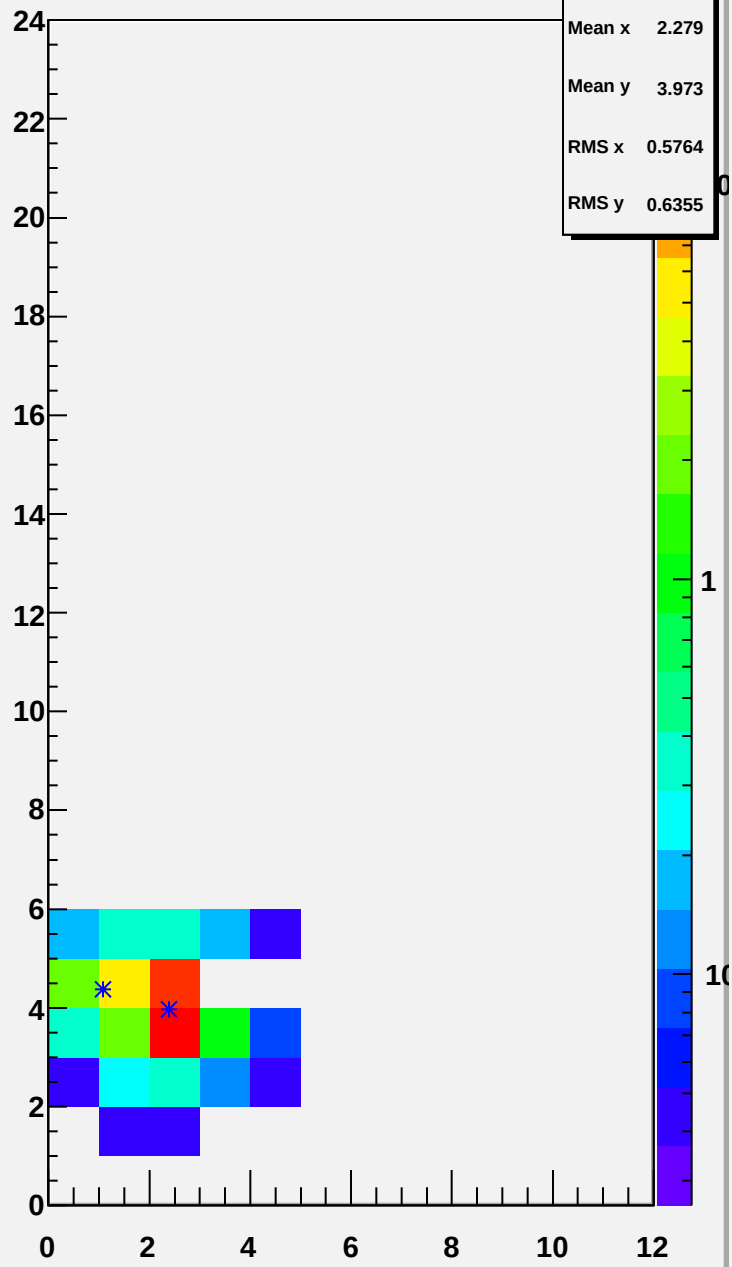
Efit

Entries 288
Mean x 2.3
Mean y 5.842
RMS x 0.688
RMS y 4.505

NSTB3_r4_c3_En=55.4_m0=0.142 m1=0.142 index=1070



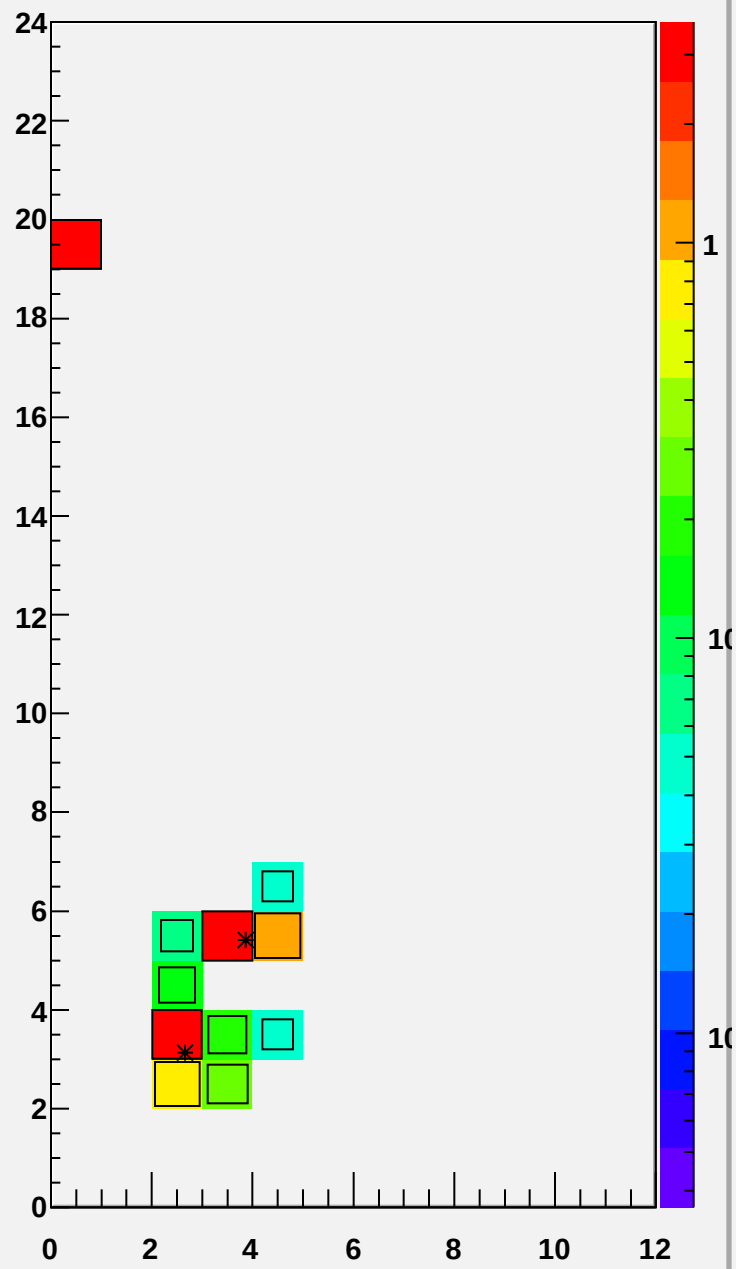
Fitted Energies



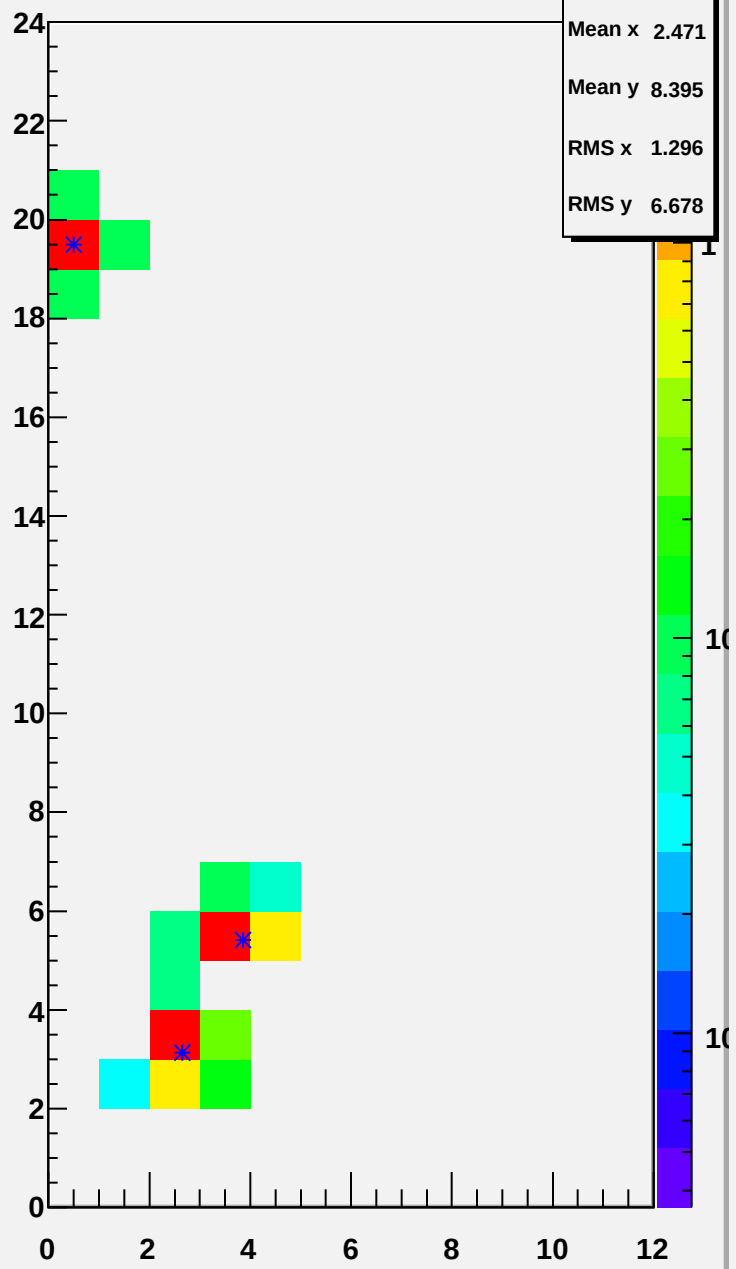
Efit

Entries	288
Mean x	2.279
Mean y	3.973
RMS x	0.5764
RMS y	0.6355

NSTB3_r4_c3_En=12.4_m0=0.069 m1=0.069 index=1072



Fitted Energies



Efit

Entries 288

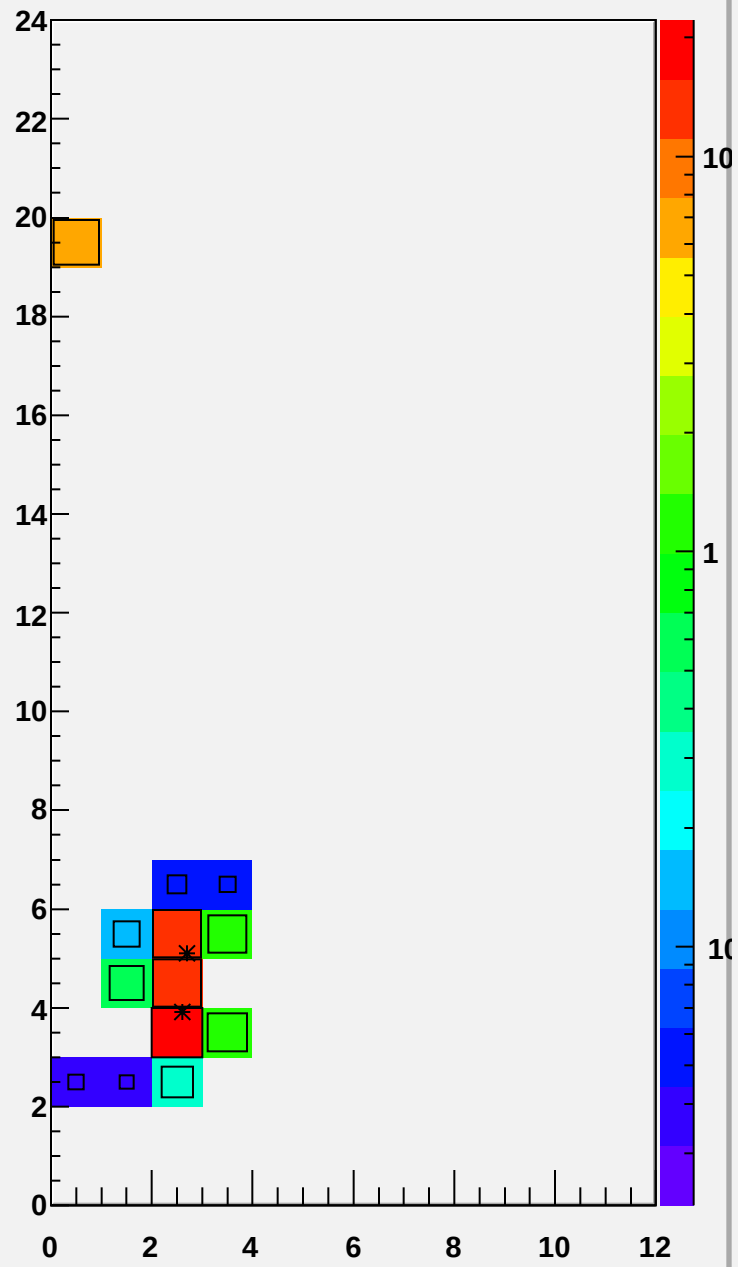
Mean x 2.471

Mean y 8.395

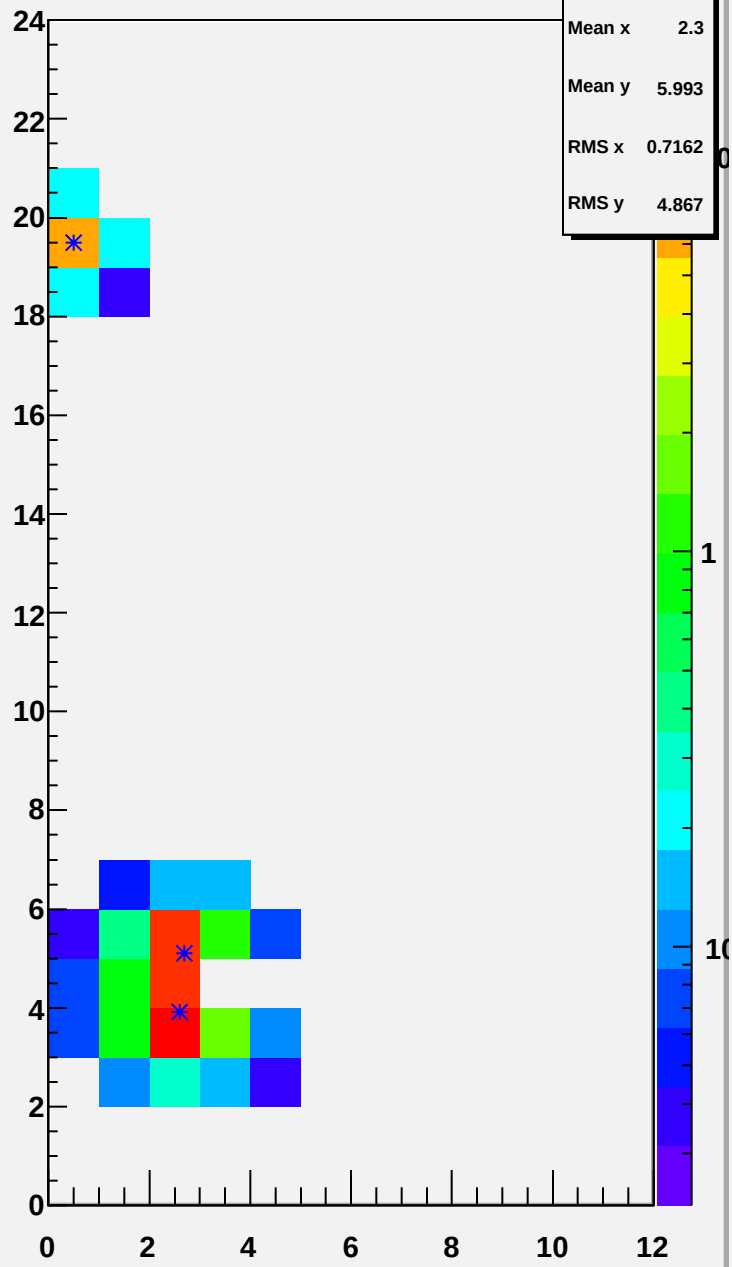
RMS x 1.296

RMS y 6.678

NSTB3_r4_c3_En=56.9_m0=0.170 m1=0.170 index=1073



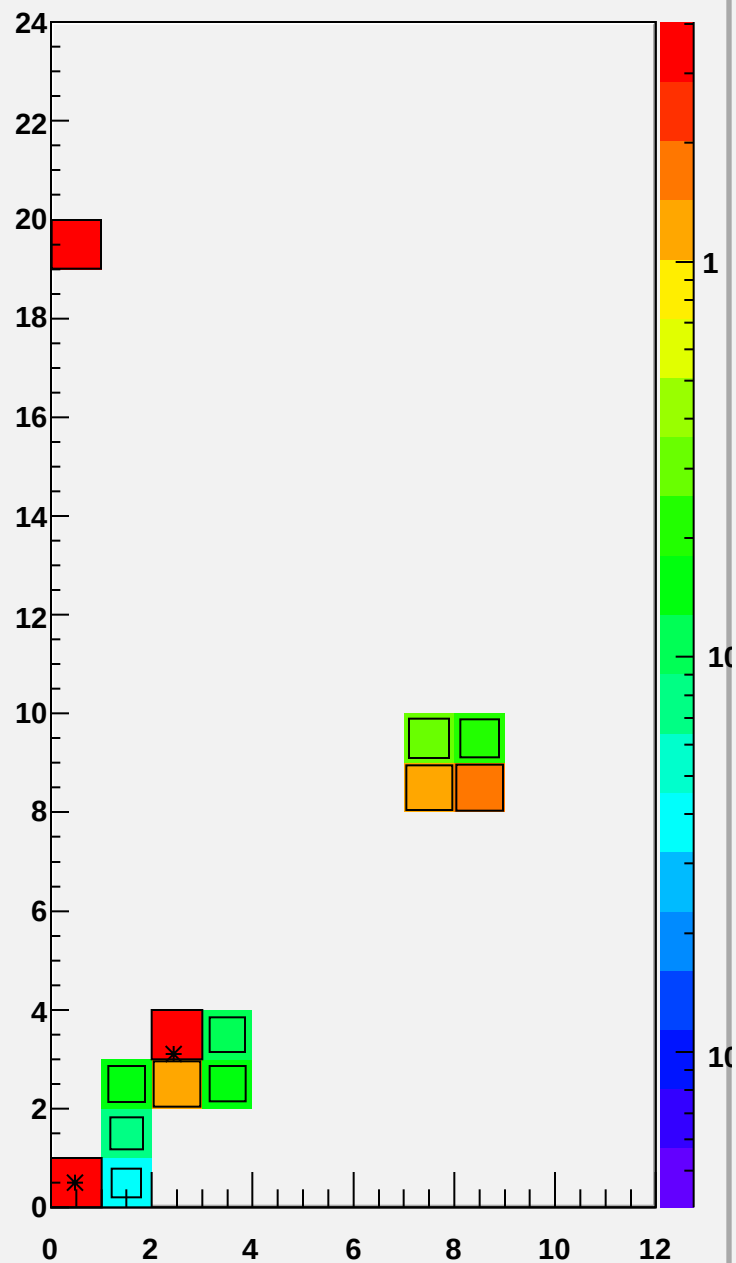
Fitted Energies



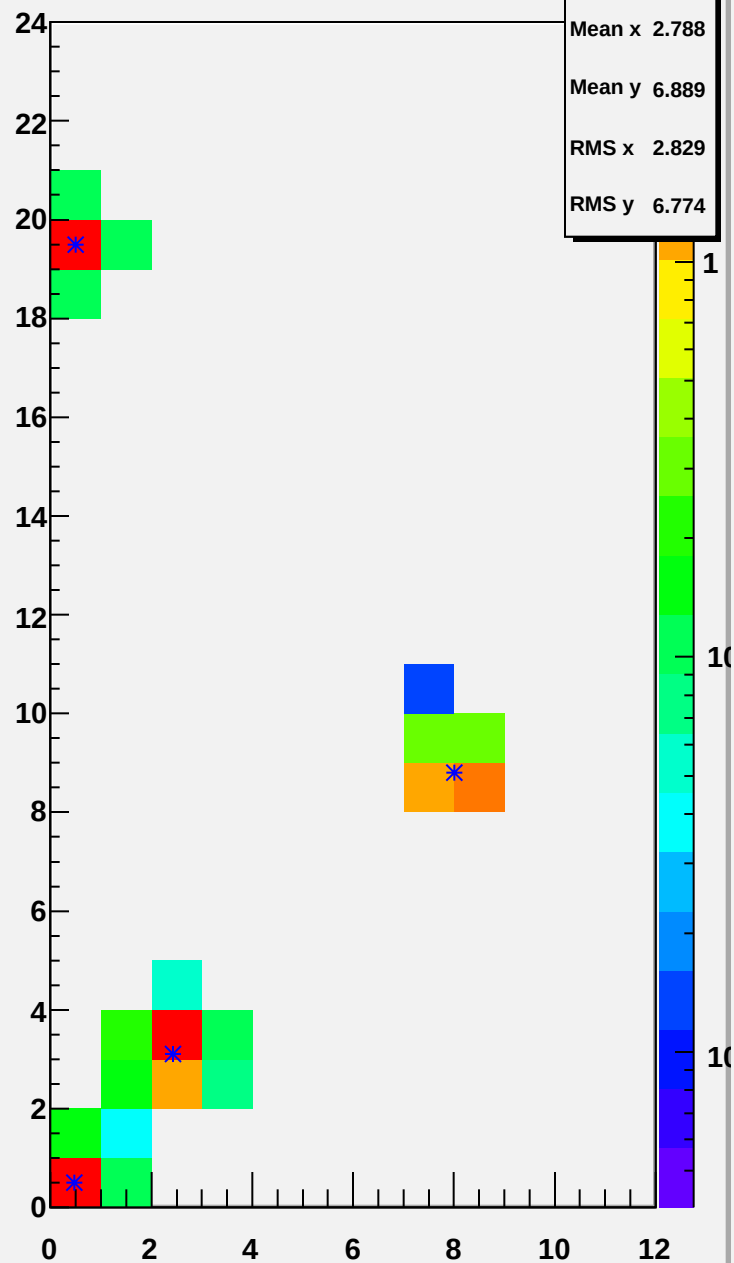
Efit

Entries	288
Mean x	2.3
Mean y	5.993
RMS x	0.7162
RMS y	4.867

NSTB3_r4_c3_En=16.6_m0=0.094 m1=0.094 index=1074



Fitted Energies



Efit

Entries 288

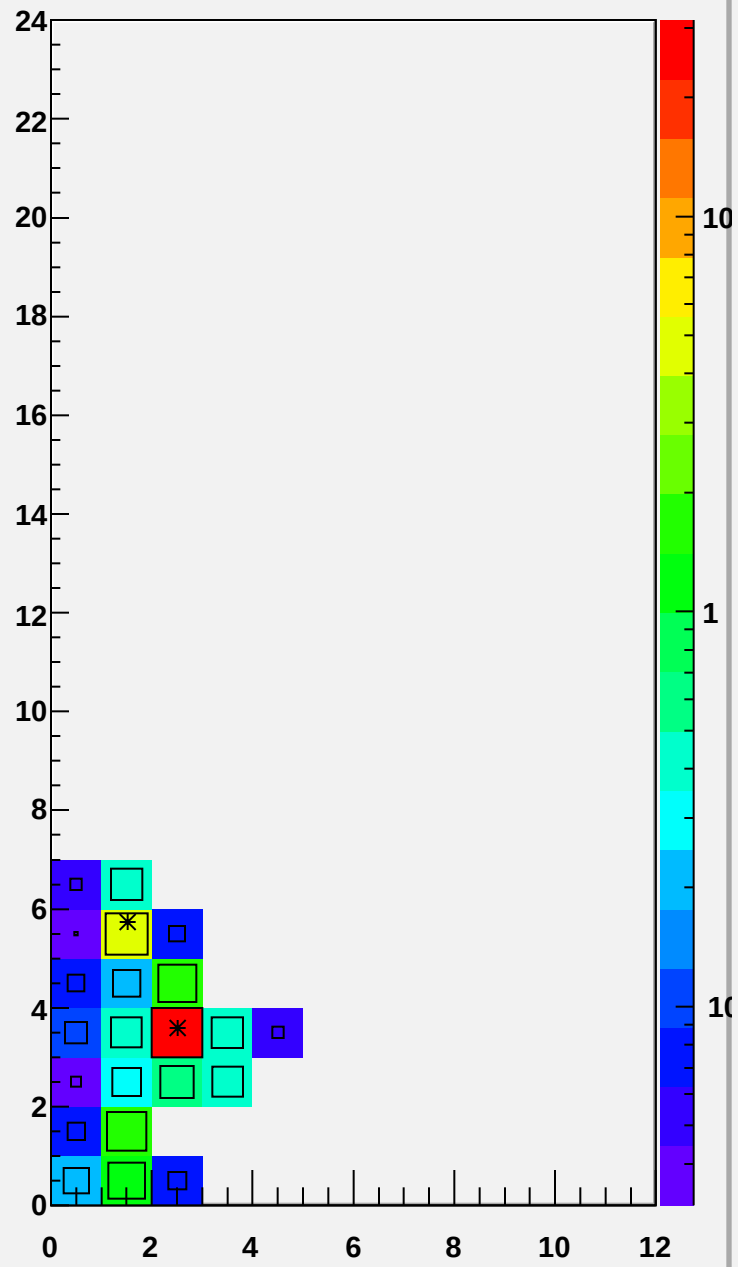
Mean x 2.788

Mean y 6.889

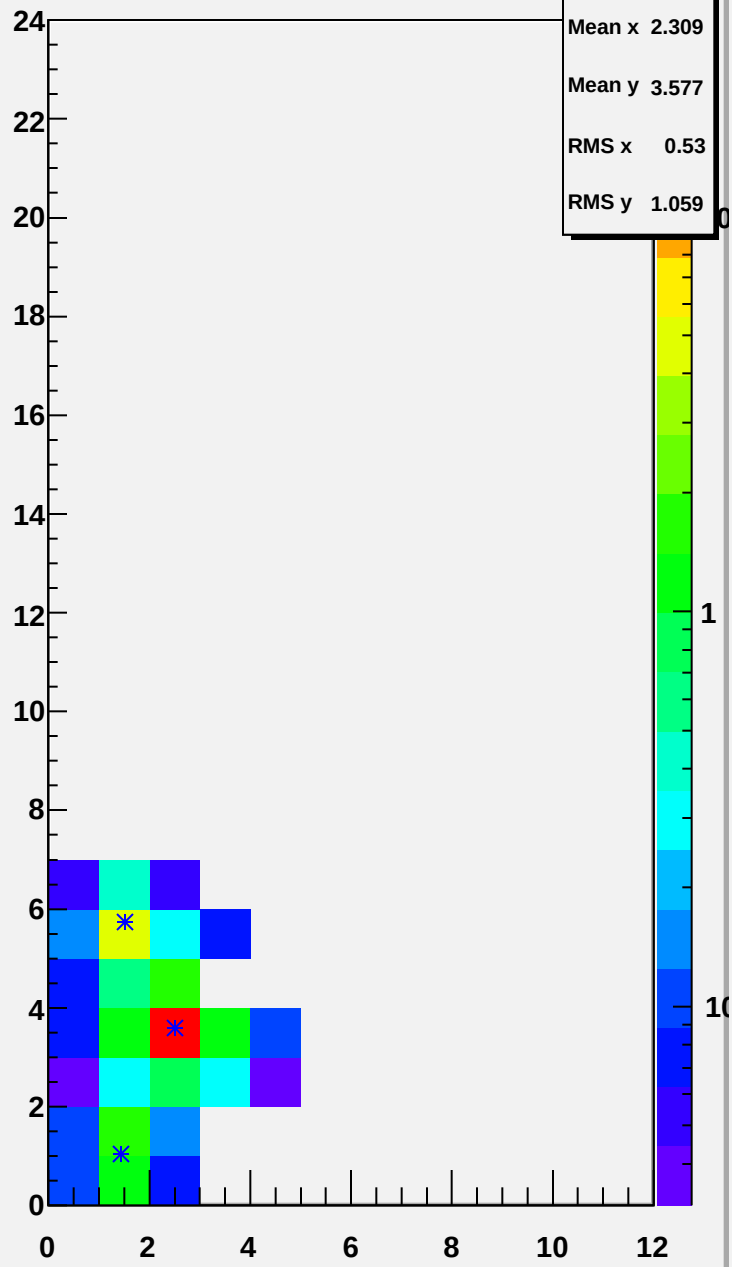
RMS x 2.829

RMS y 6.774

NSTB3_r4_c3_En=43.6_m0=0.181 m1=0.180 index=1075



Fitted Energies



Efit

Entries 288

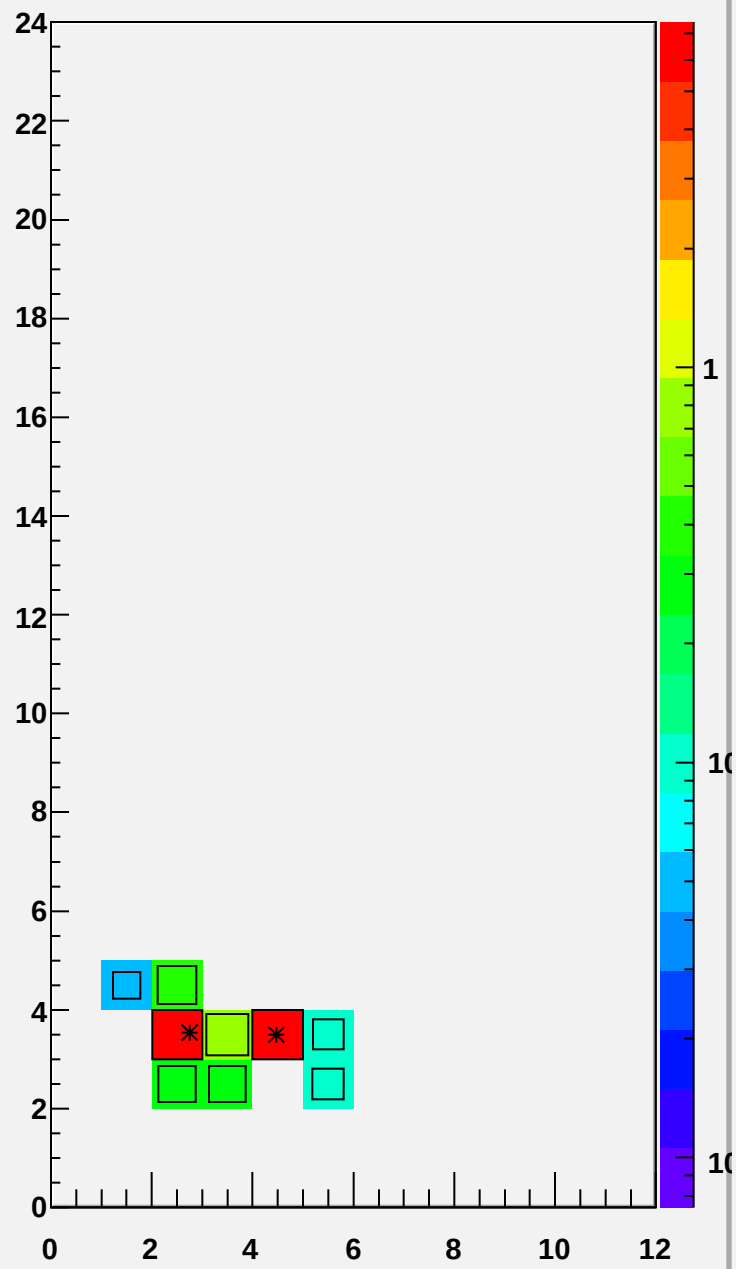
Mean x 2.309

Mean y 3.577

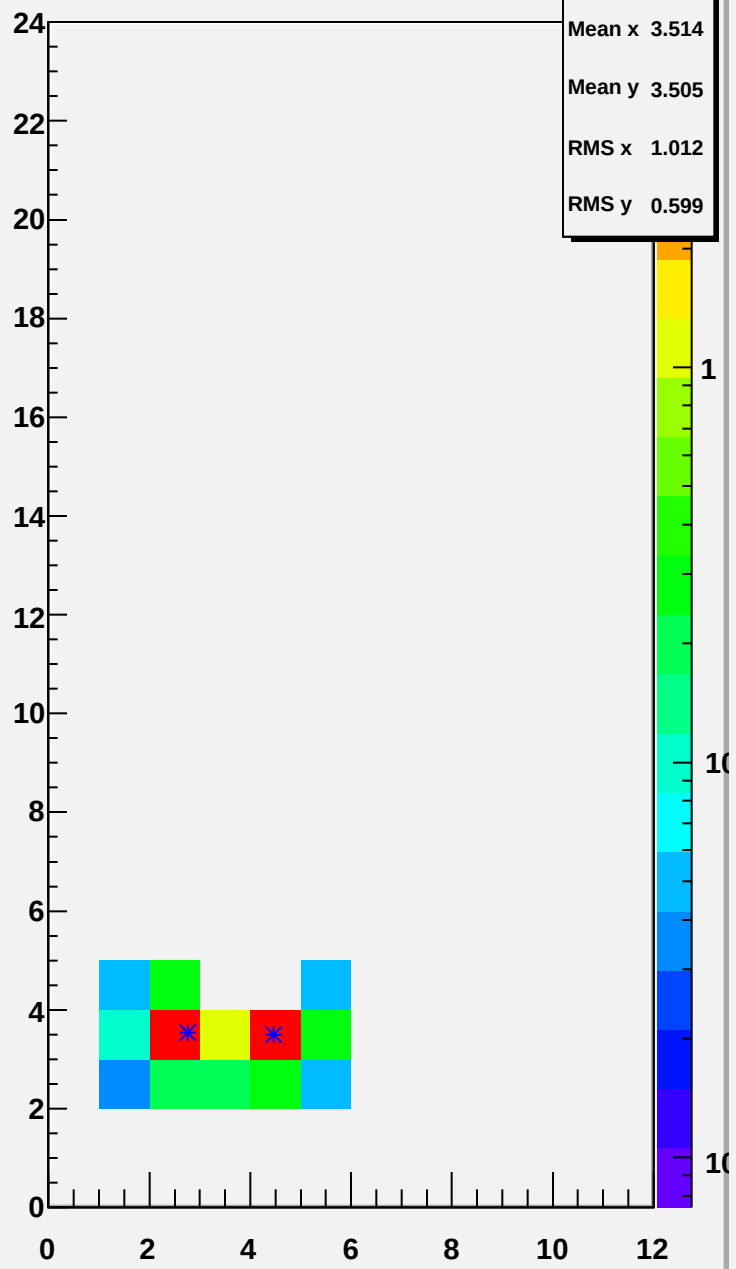
RMS x 0.53

RMS y 1.059

NSTB3_r4_c3_En=16.5_m0=0.081 m1=0.081 index=1076



Fitted Energies



Efit

Entries 288

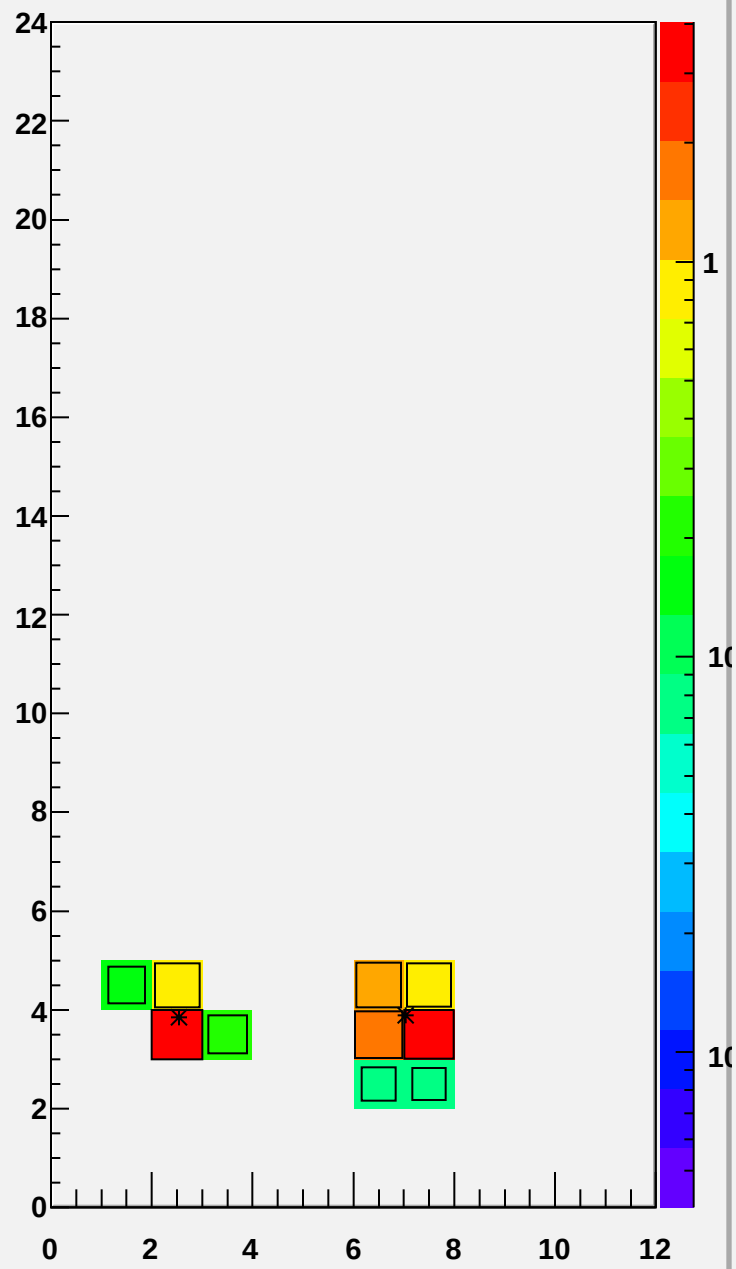
Mean x 3.514

Mean y 3.505

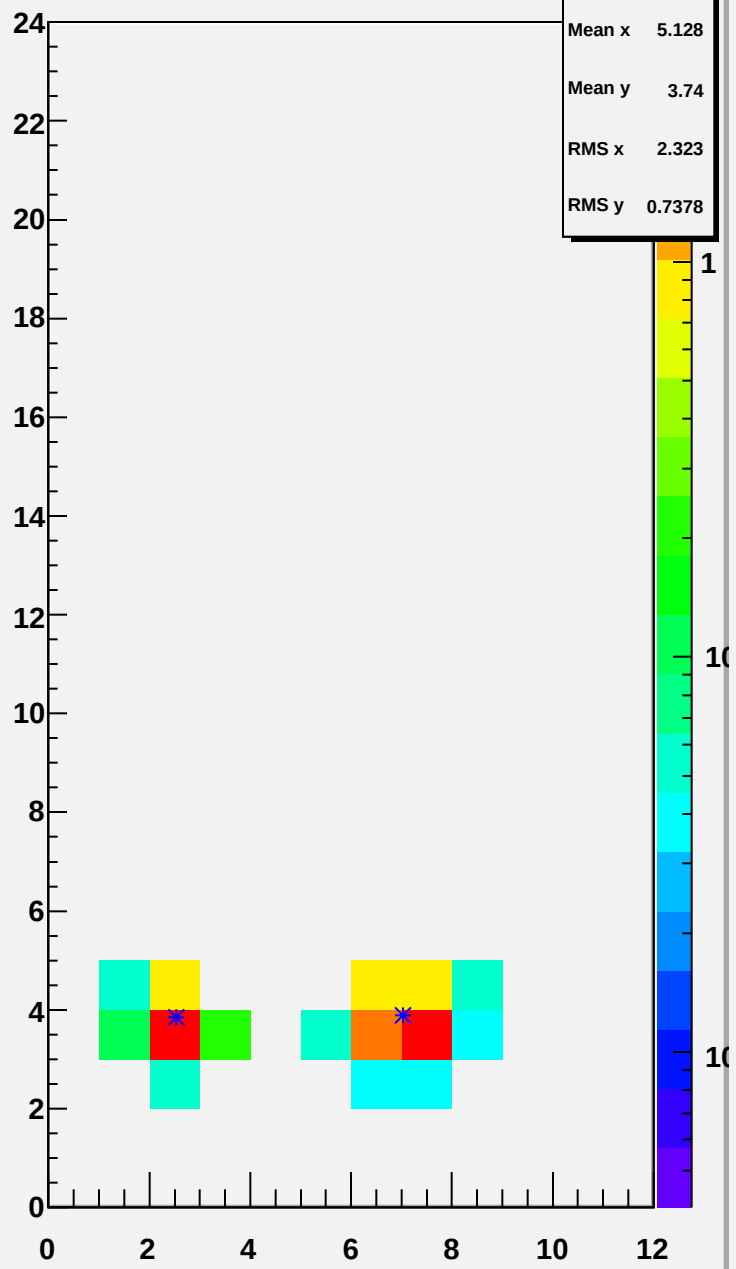
RMS x 1.012

RMS y 0.599

NSTB3_r4_c3_En=12.7_m0=0.161 m1=0.161 index=1078



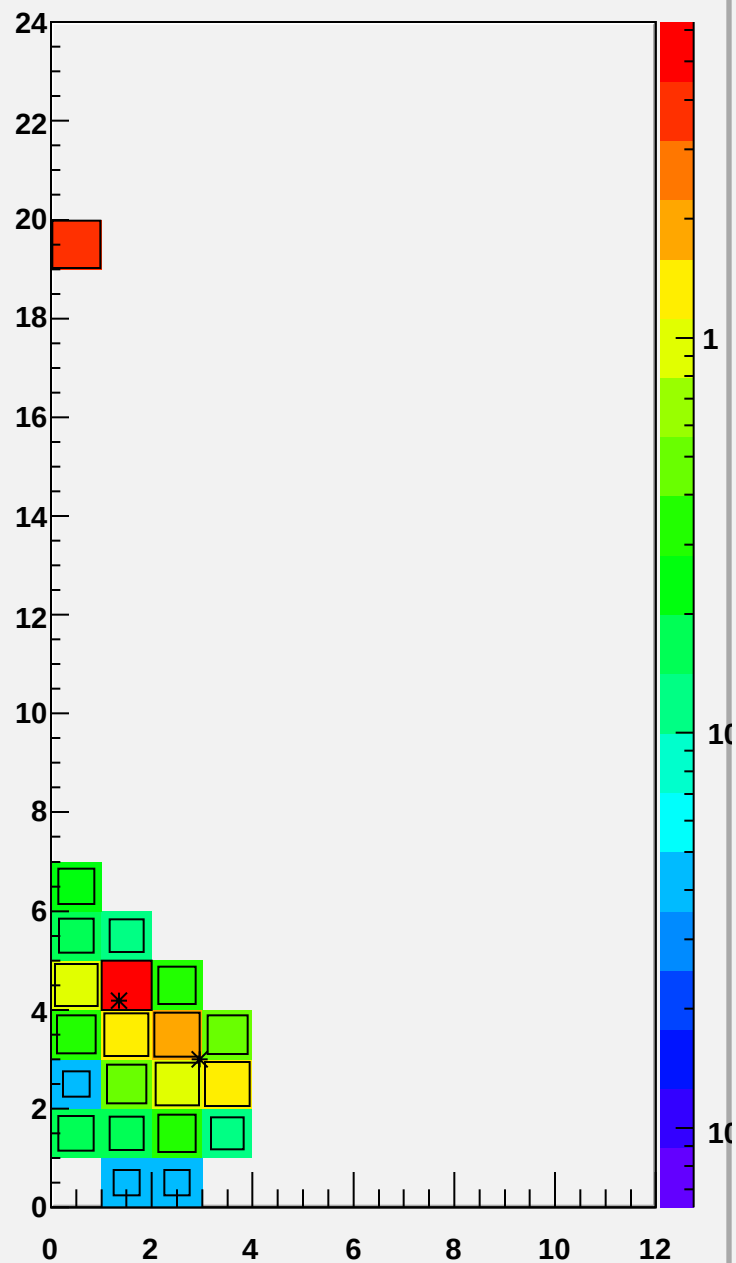
Fitted Energies



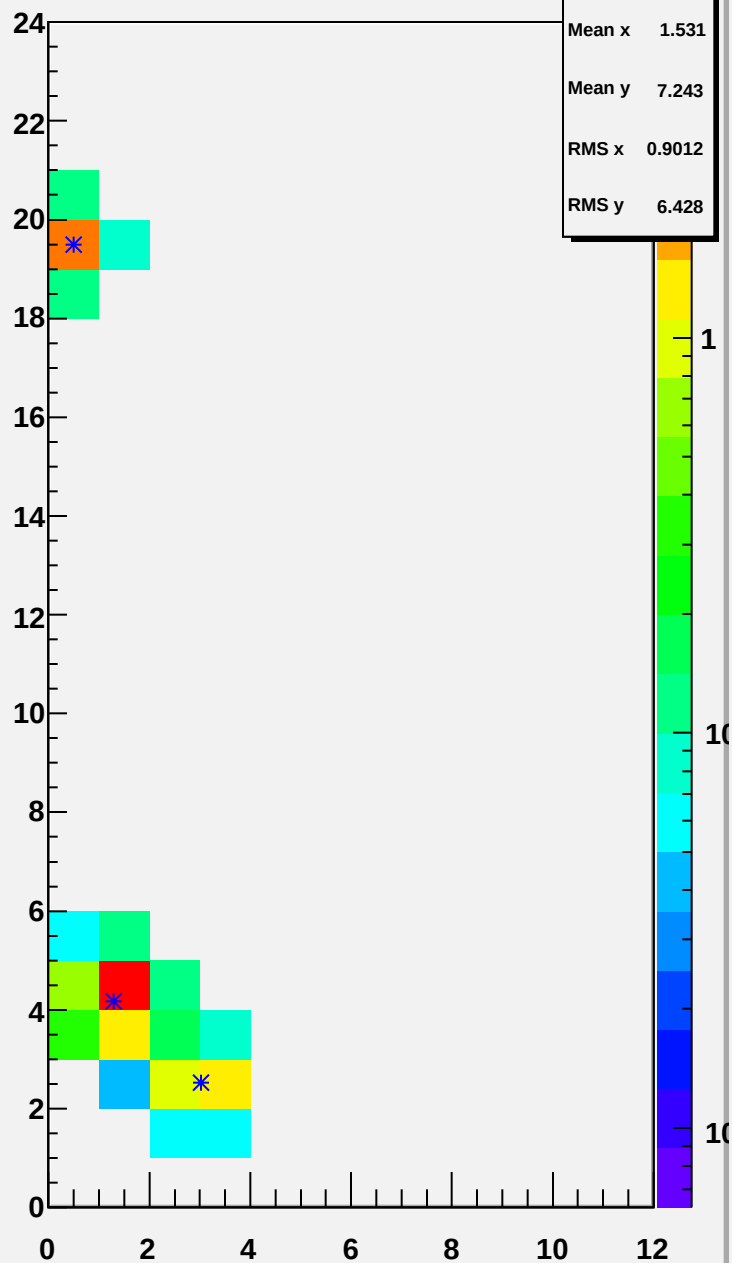
Efit

Entries	288
Mean x	5.128
Mean y	3.74
RMS x	2.323
RMS y	0.7378

NSTB3_r4_c3_En=18.6_m0=0.067 m1=0.068 index=1079



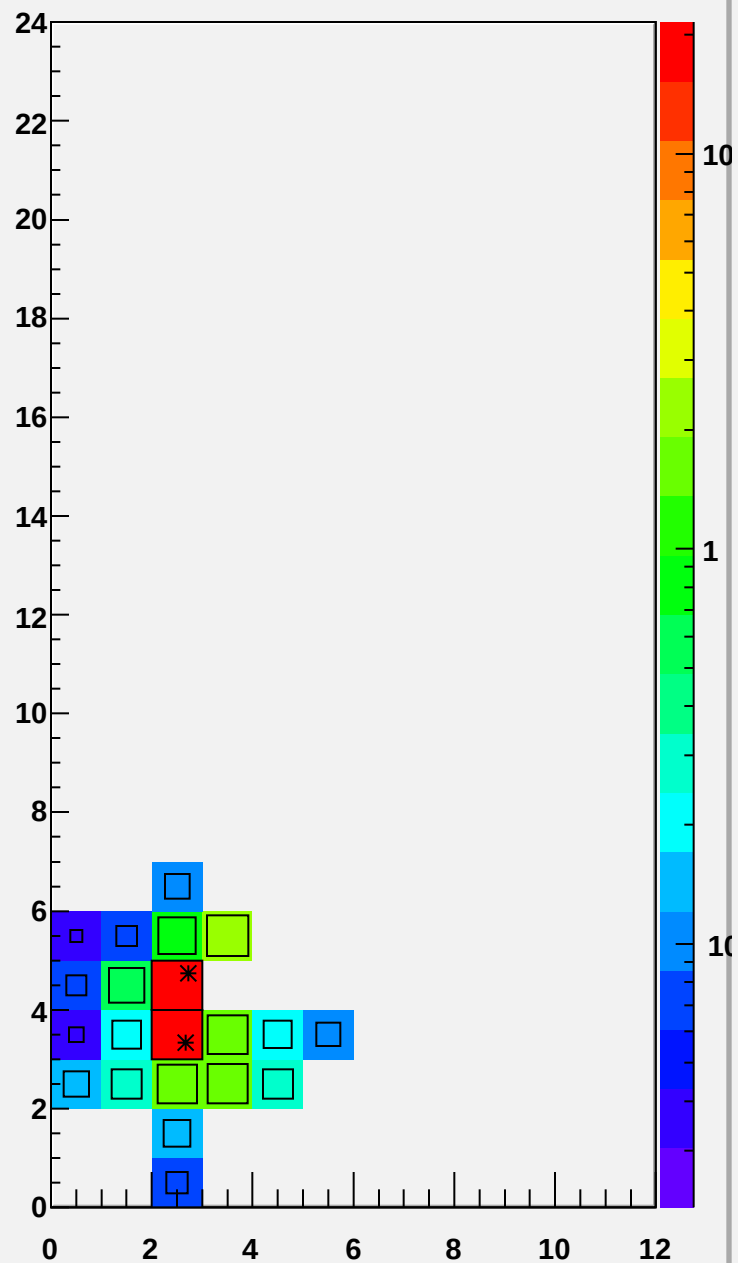
Fitted Energies



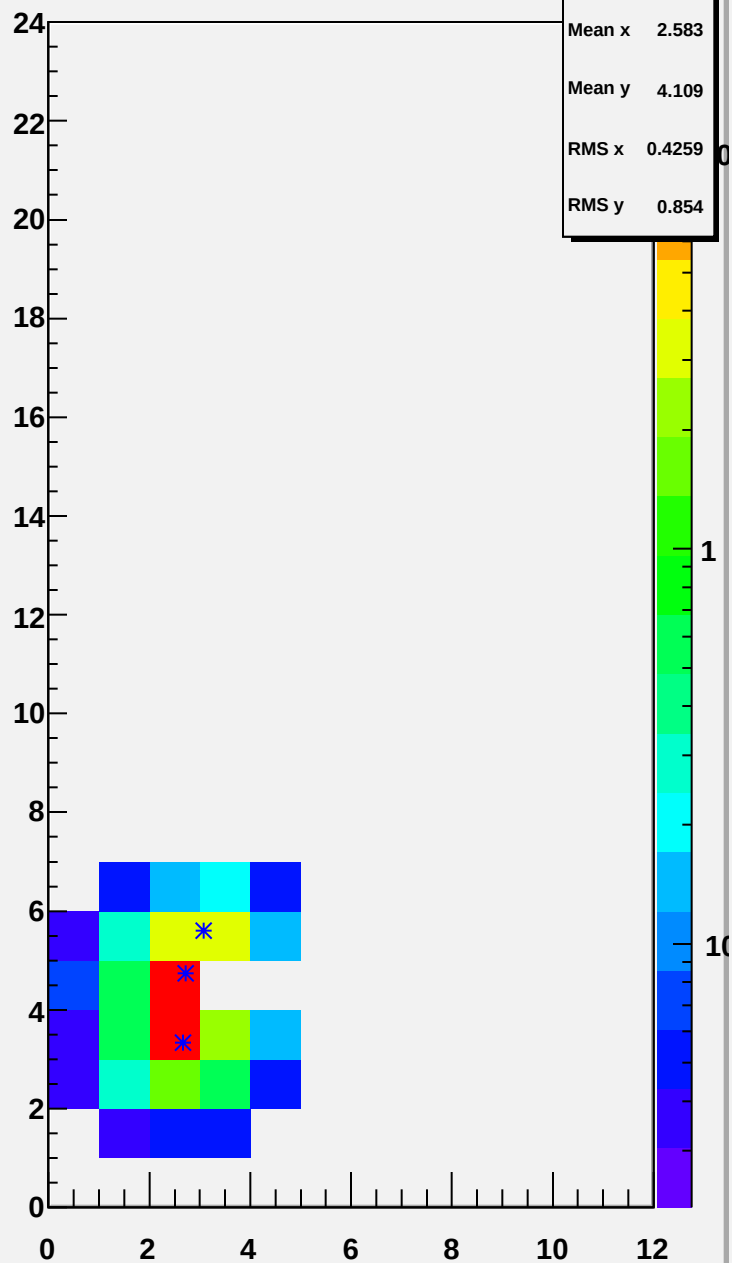
Efit

Entries	288
Mean x	1.531
Mean y	7.243
RMS x	0.9012
RMS y	6.428

NSTB3_r4_c3_En=51.8_m0=0.202 m1=0.202 index=1080



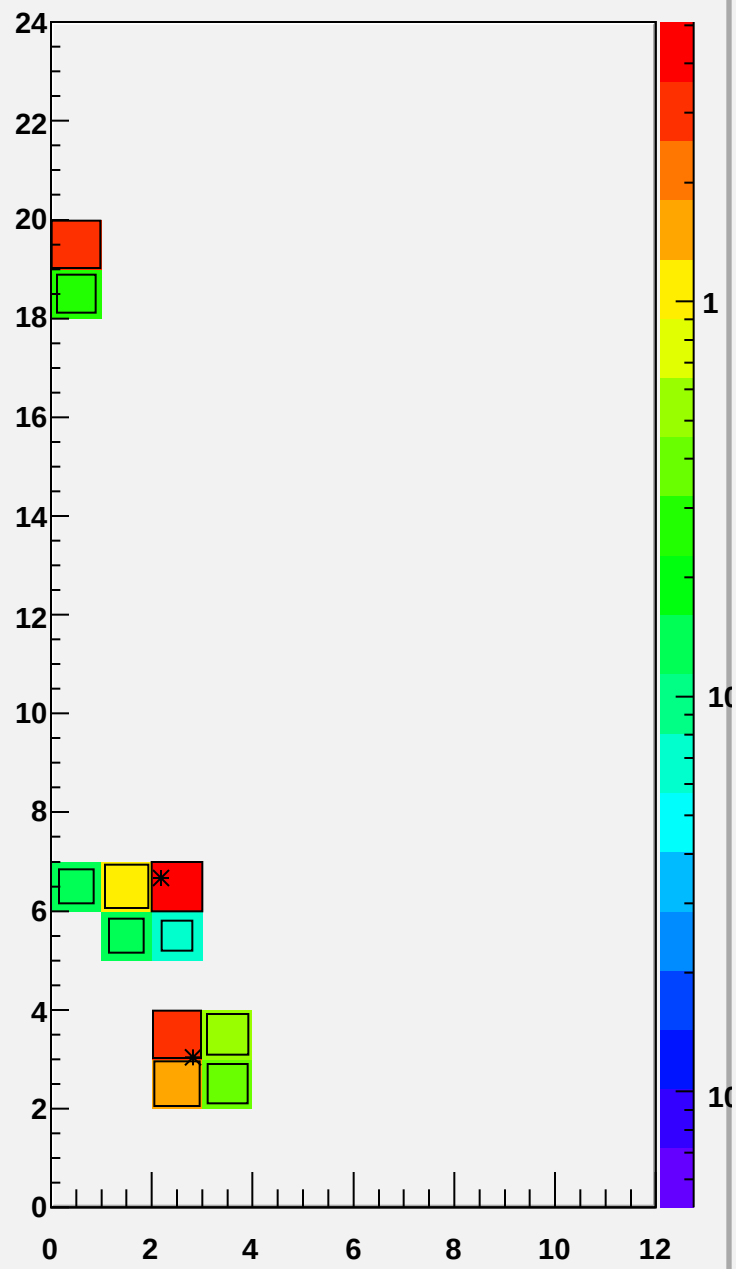
Fitted Energies



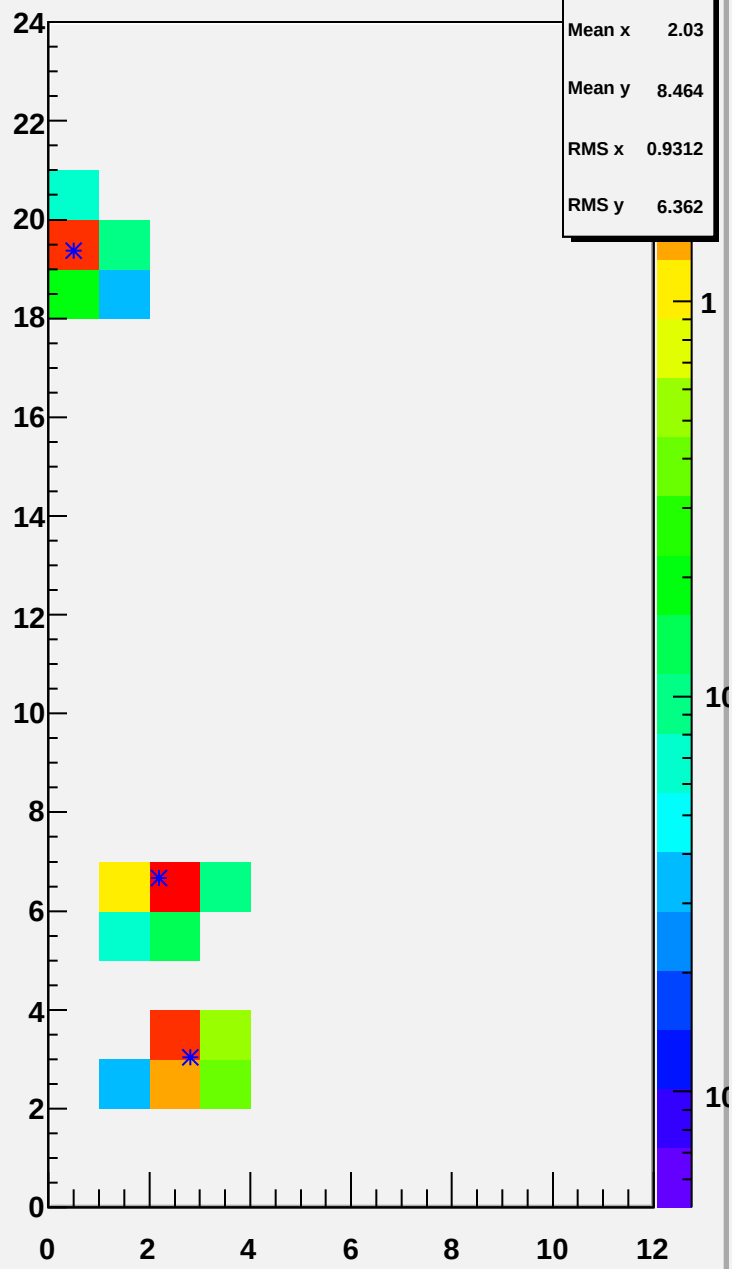
Efit

Entries	288
Mean x	2.583
Mean y	4.109
RMS x	0.4259
RMS y	0.854

NSTB3_r4_c3_En=15.1_m0=0.127 m1=0.127 index=1082



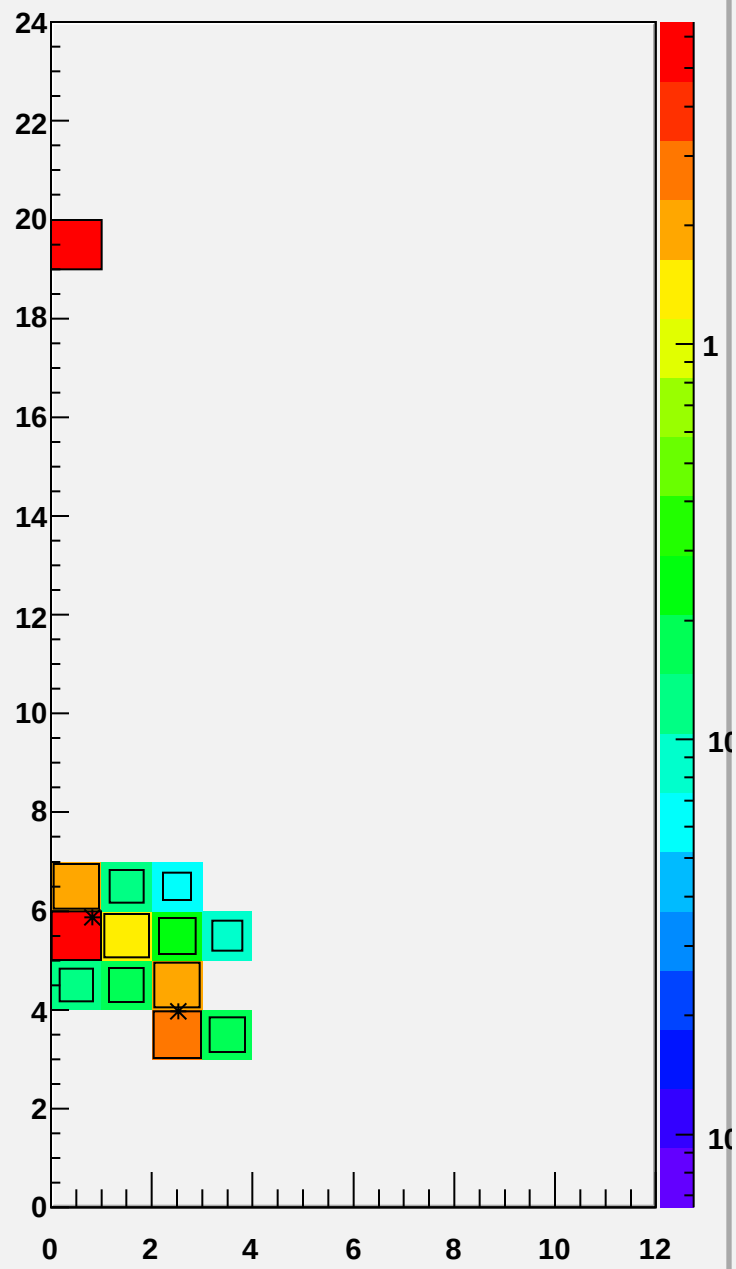
Fitted Energies



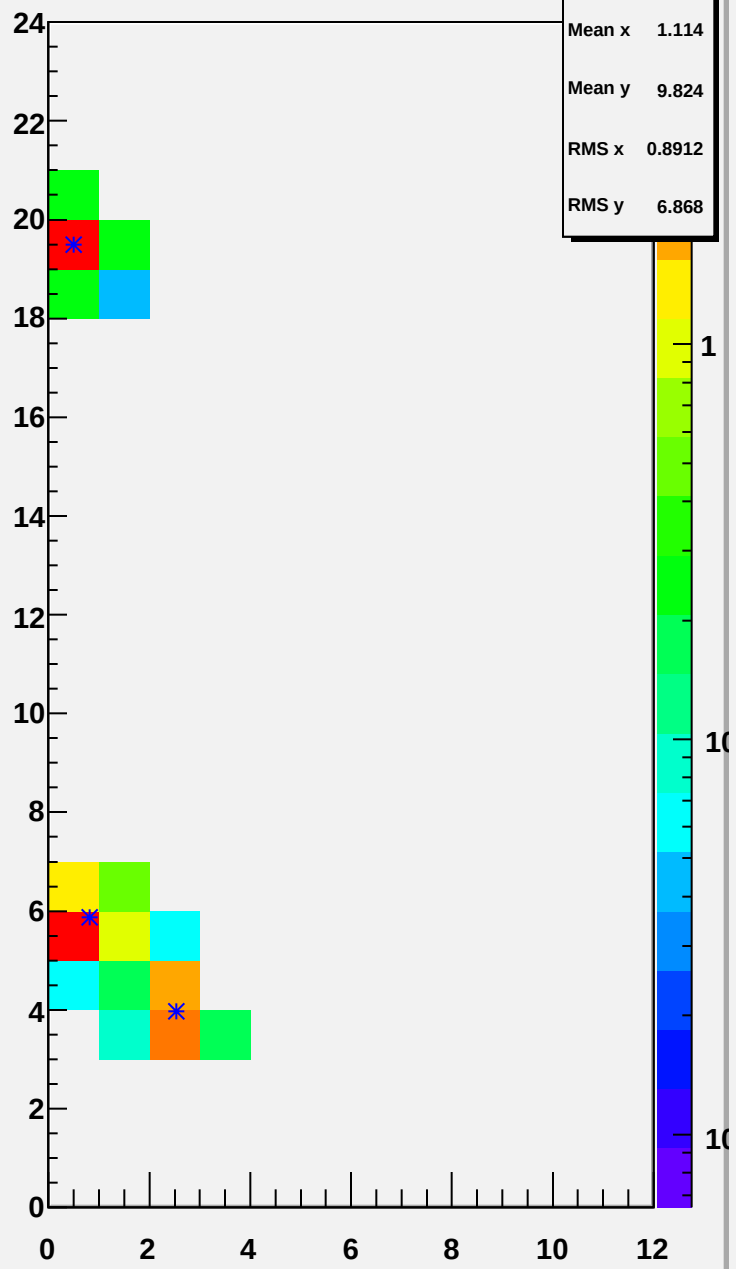
Efit

Entries	288
Mean x	2.03
Mean y	8.464
RMS x	0.9312
RMS y	6.362

NSTB3_r4_c3_En=20.4_m0=0.097 m1=0.097 index=1084



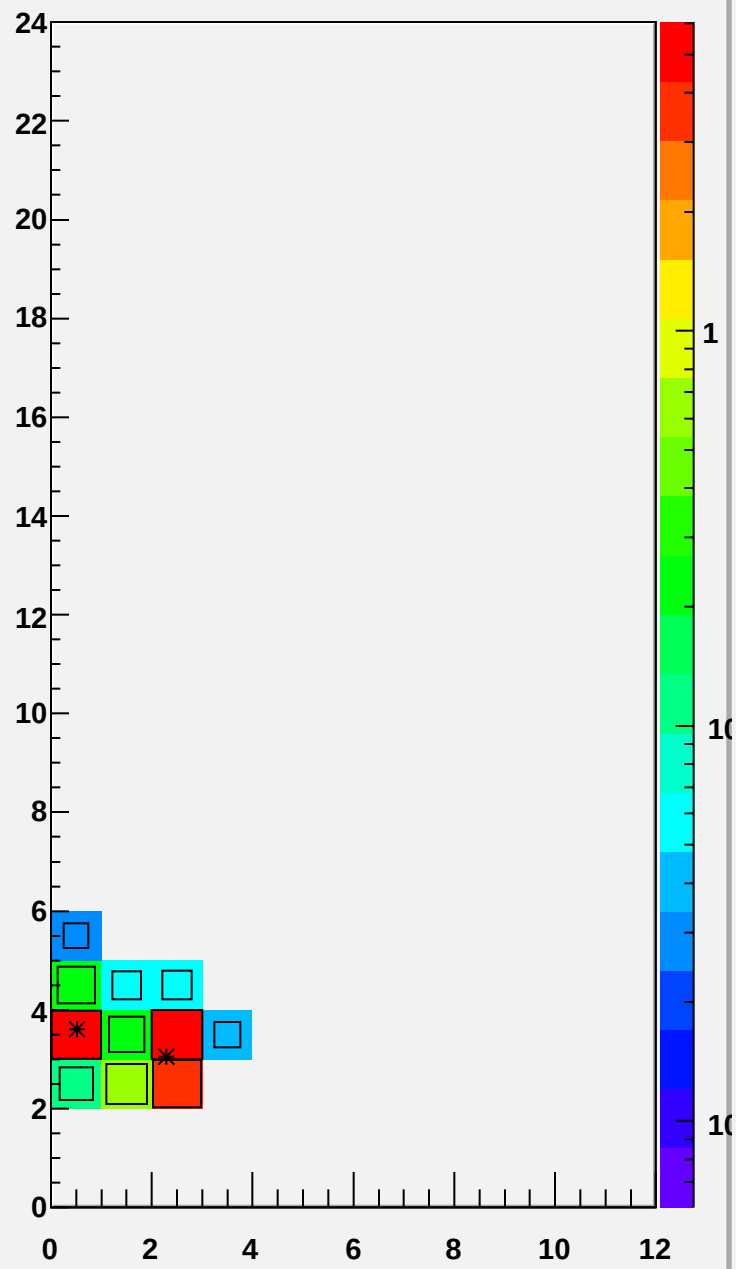
Fitted Energies



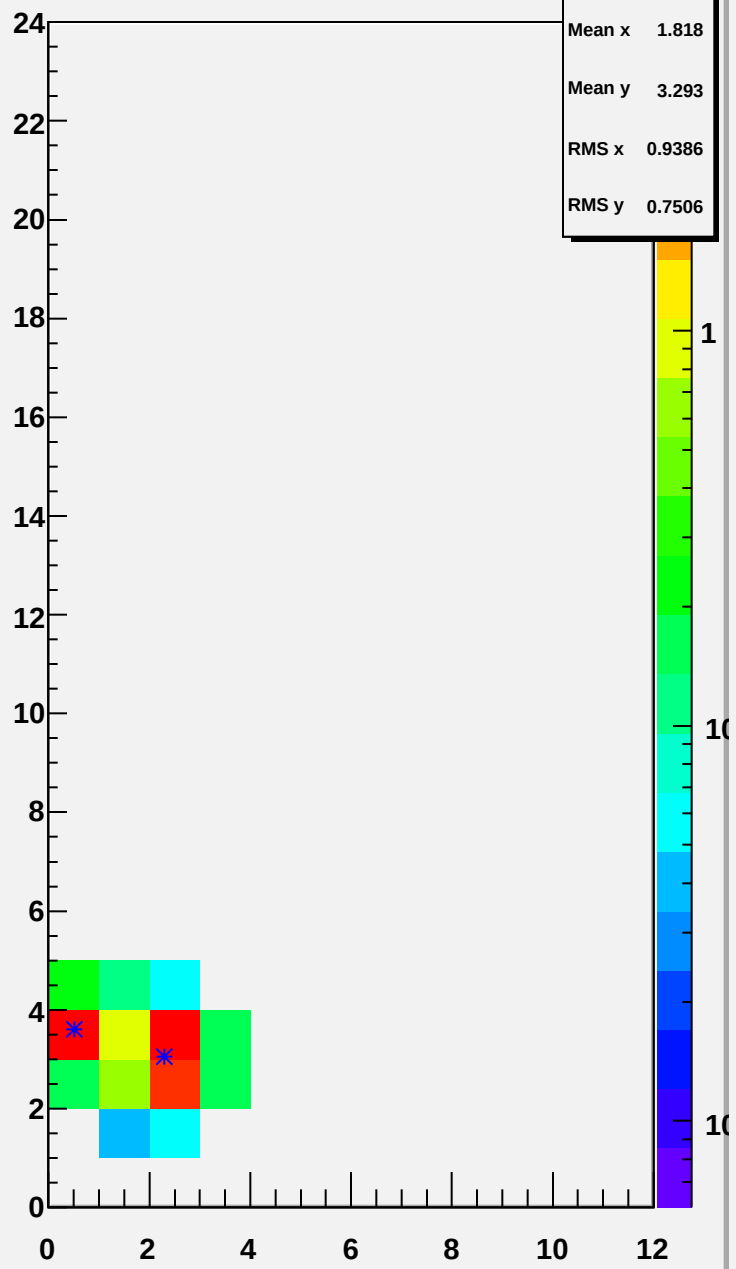
Efit

Entries	288
Mean x	1.114
Mean y	9.824
RMS x	0.8912
RMS y	6.868

NSTB3_r4_c3_En=15.0_m0=0.078 m1=0.078 index=1086



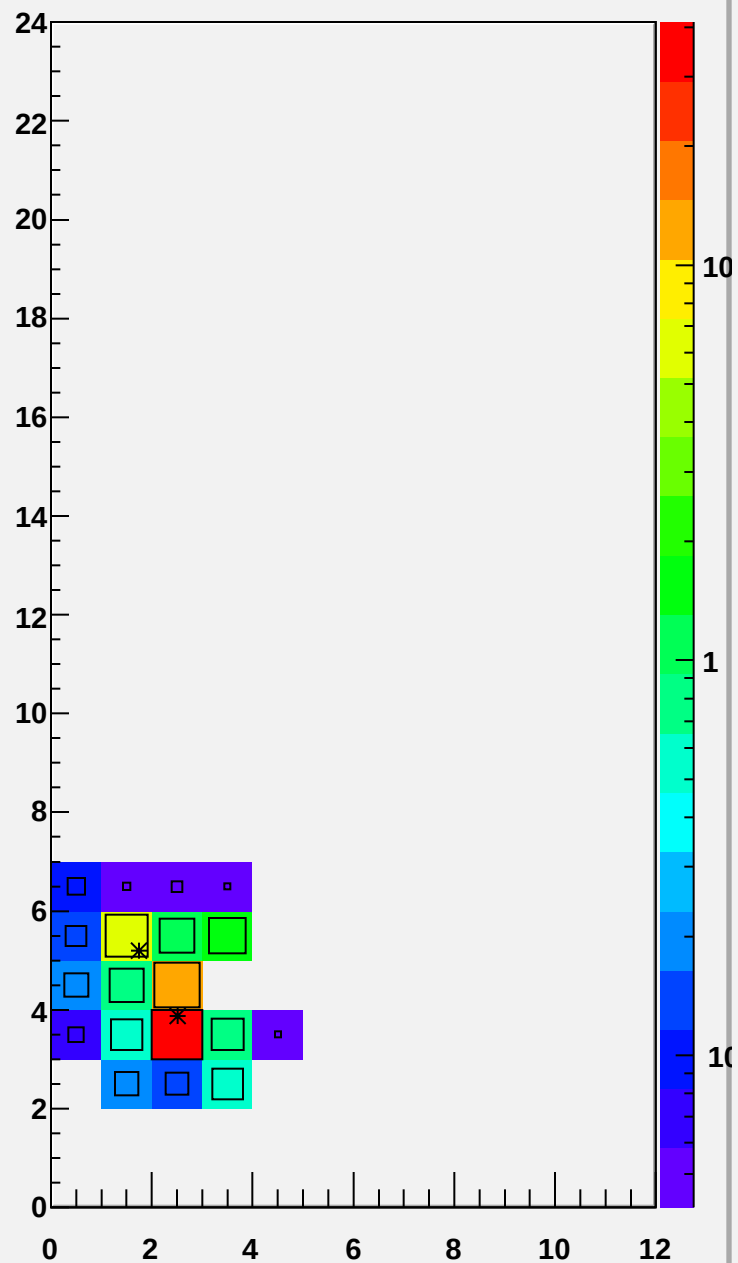
Fitted Energies



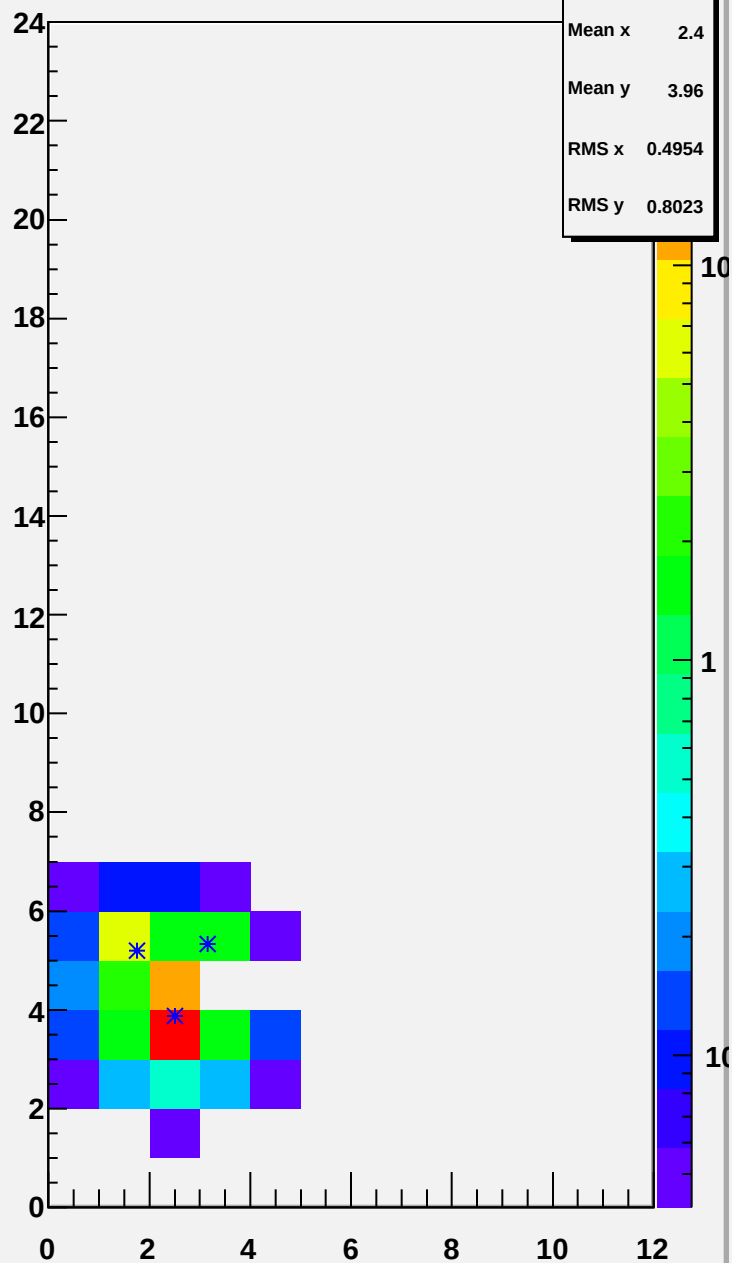
Efit

Entries	288
Mean x	1.818
Mean y	3.293
RMS x	0.9386
RMS y	0.7506

NSTB3_r4_c3_En=64.1_m0=0.181 m1=0.181 index=1087



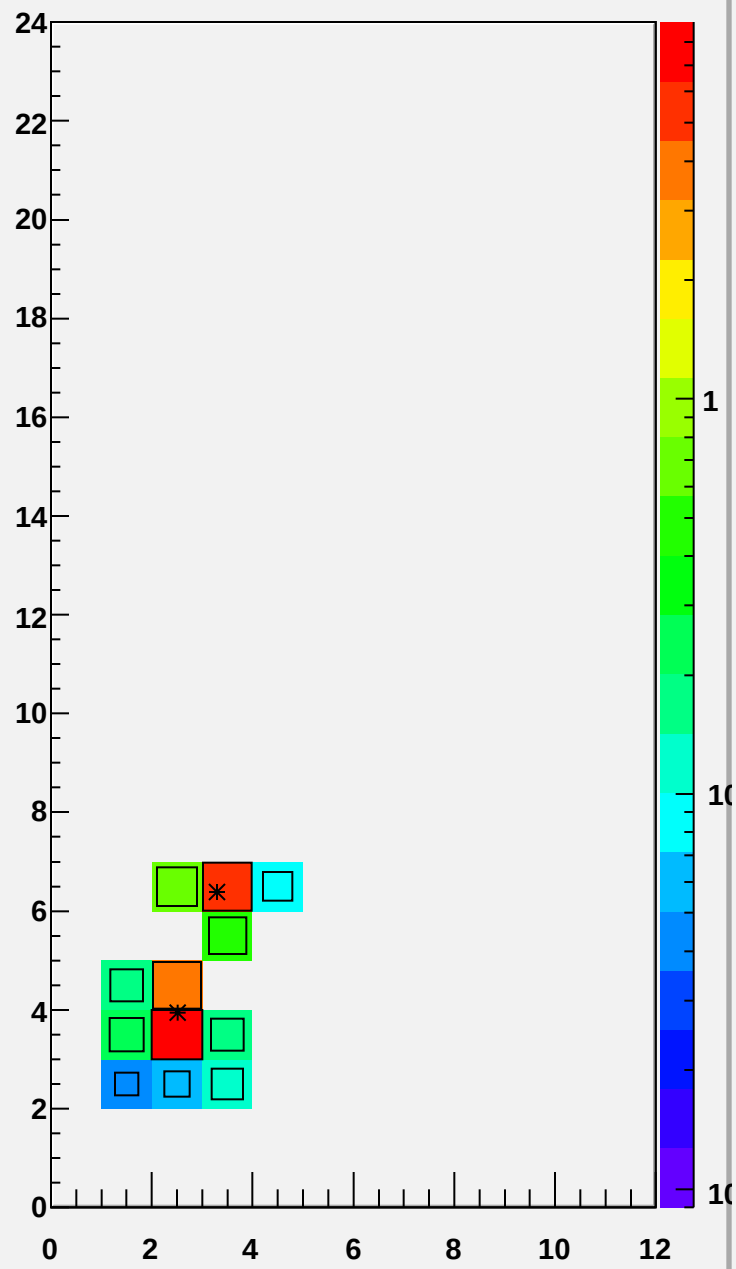
Fitted Energies



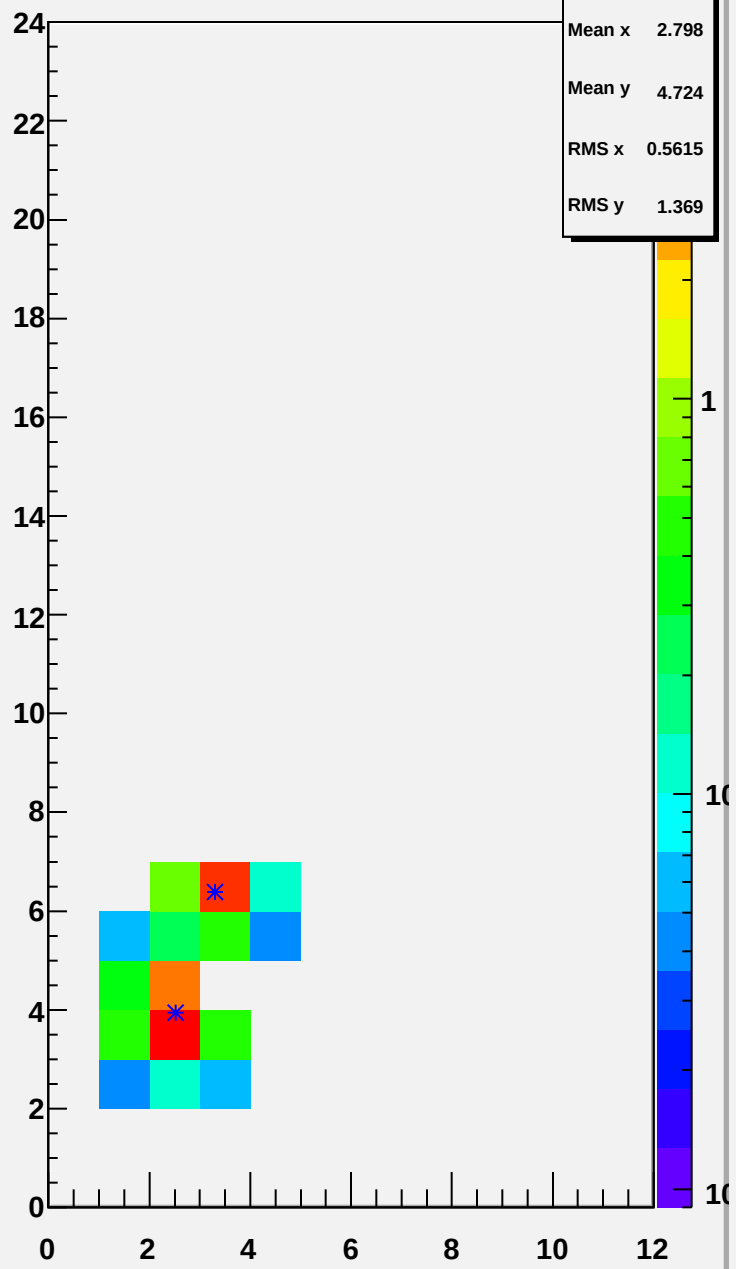
Efit

Entries	288
Mean x	2.4
Mean y	3.96
RMS x	0.4954
RMS y	0.8023

NSTB3_r4_c3_En=21.4_m0=0.155 m1=0.155 index=1088



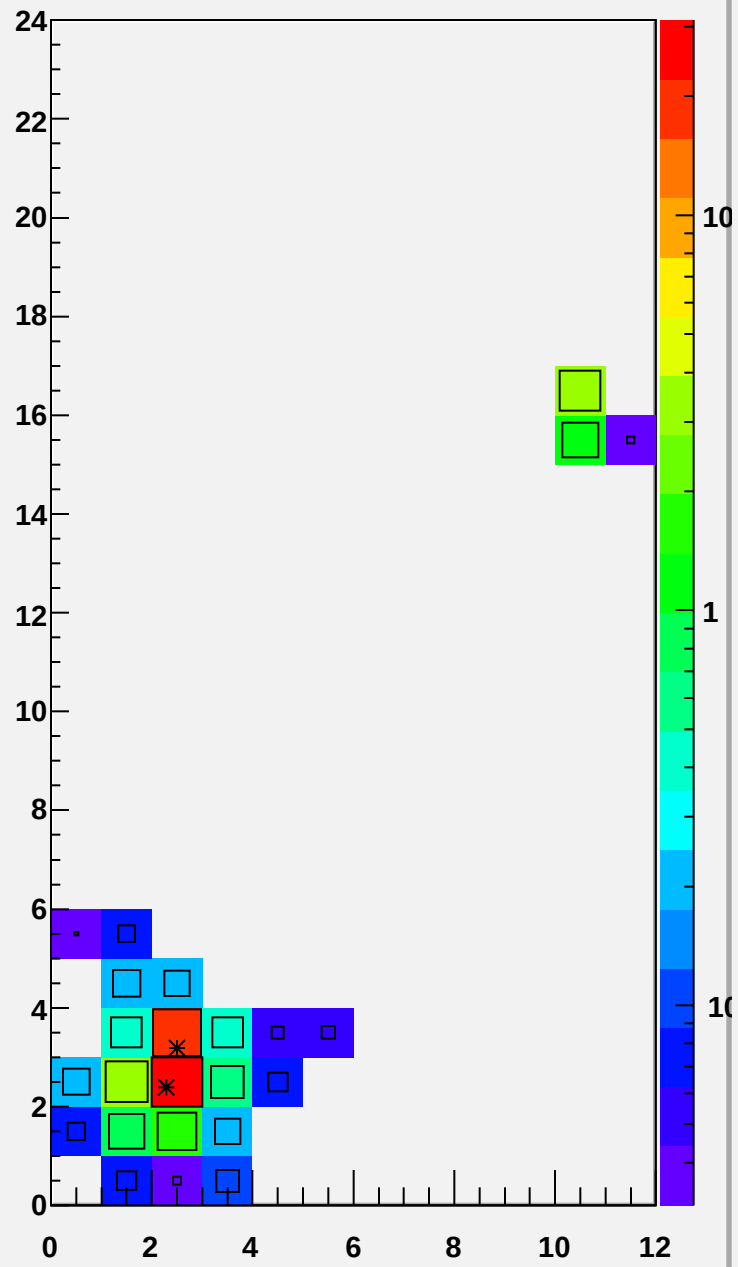
Fitted Energies



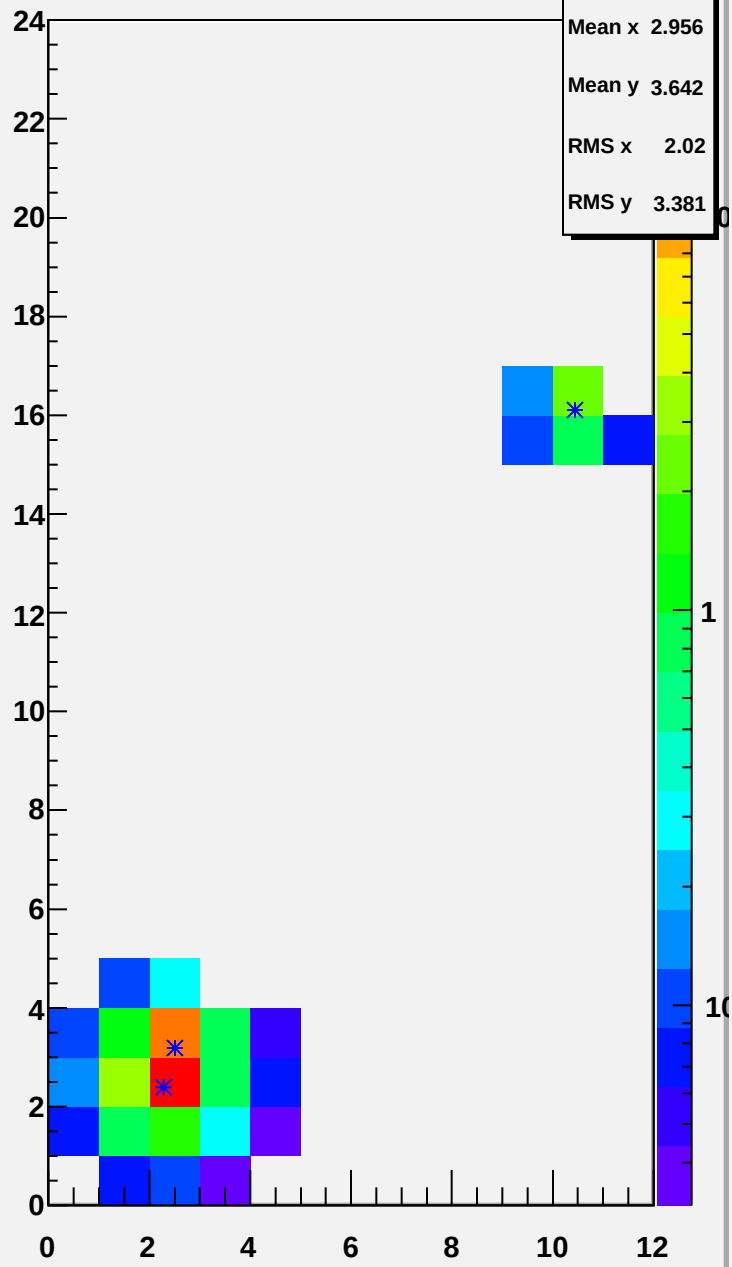
Efit

Entries	288
Mean x	2.798
Mean y	4.724
RMS x	0.5615
RMS y	1.369

NSTB3_r4_c3_En=59.6_m0=0.120 m1=0.120 index=1089



Fitted Energies



Efit

Entries 288

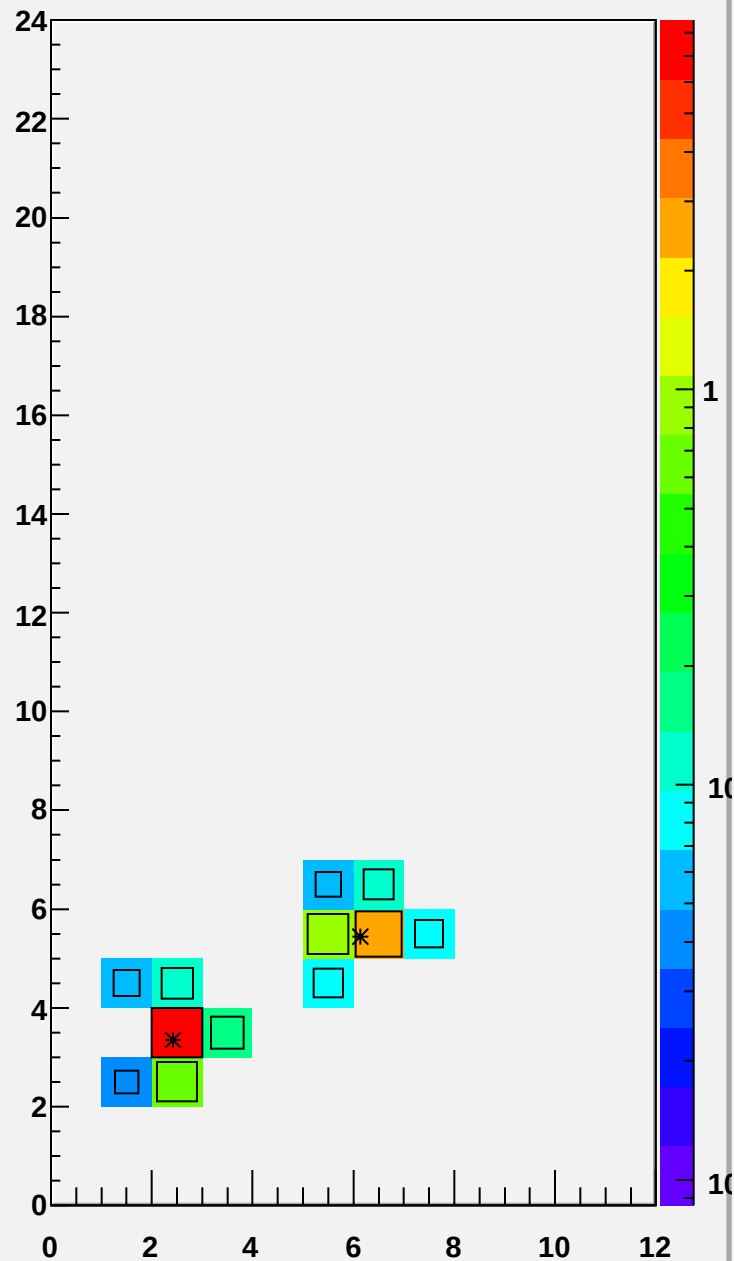
Mean x 2.956

Mean y 3.642

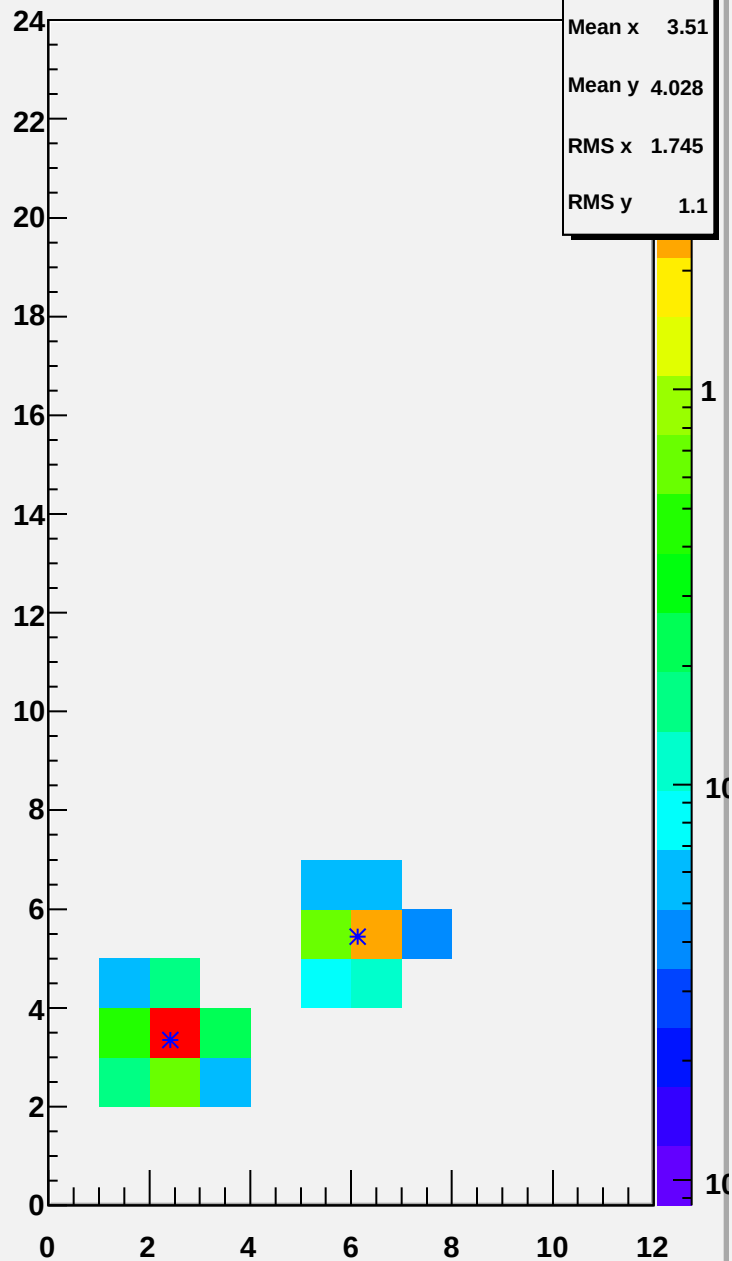
RMS x 2.02

RMS y 3.381

NSTB3_r4_c3_En=13.6_m0=0.155 m1=0.155 index=1090



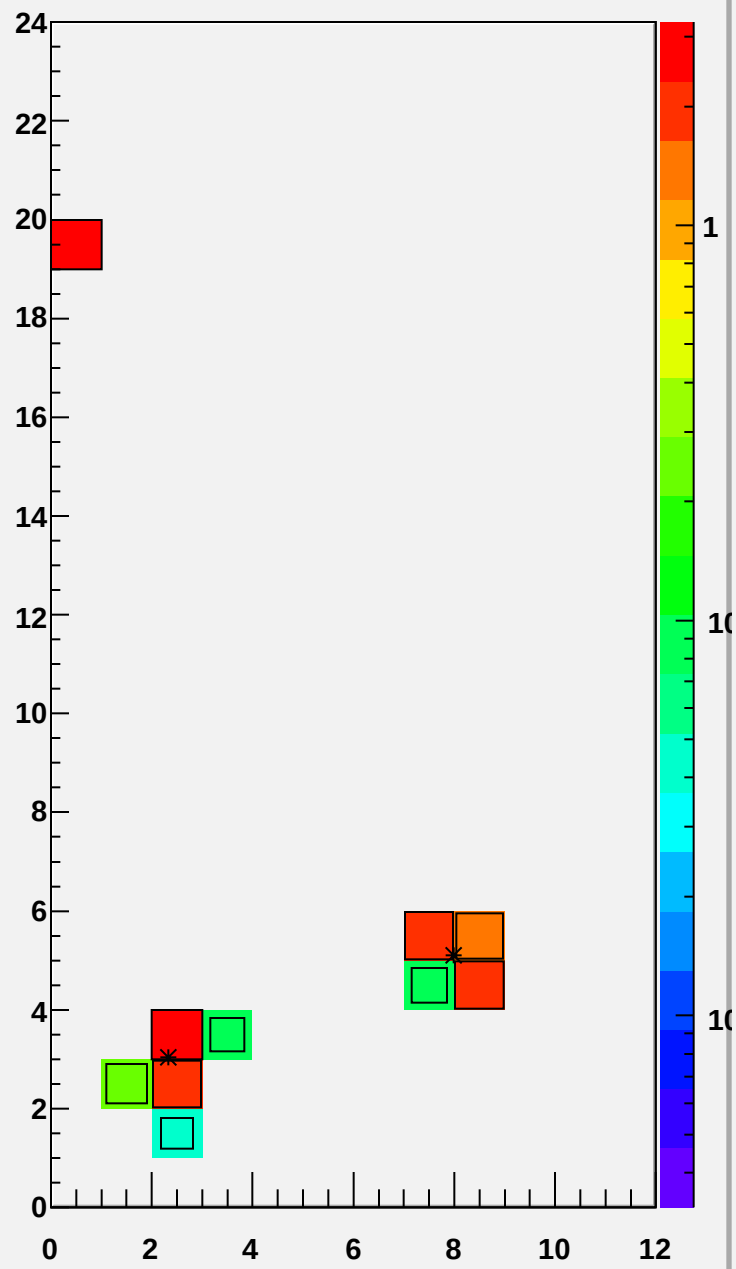
Fitted Energies



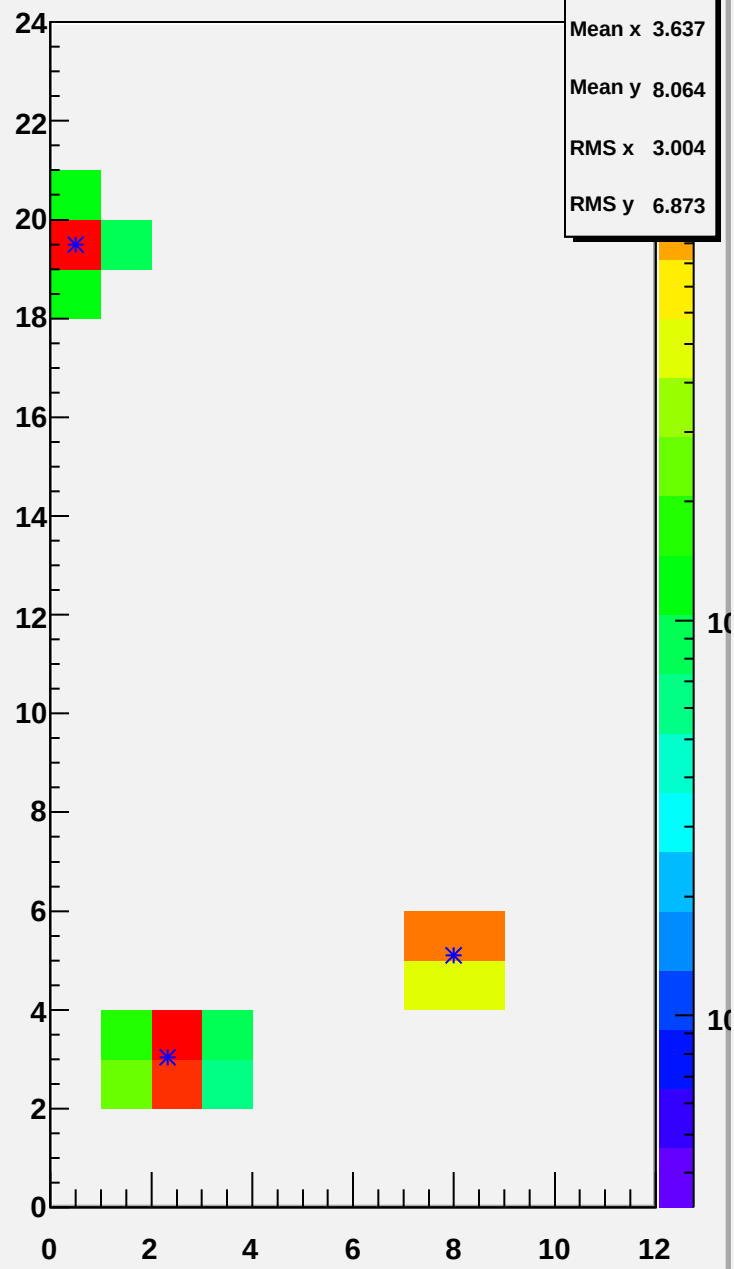
Efit

Entries	288
Mean x	3.51
Mean y	4.028
RMS x	1.745
RMS y	1.1

NSTB3_r4_c3_En=13.4_m0=0.158 m1=0.158 index=1091



Fitted Energies



Efit

Entries 288

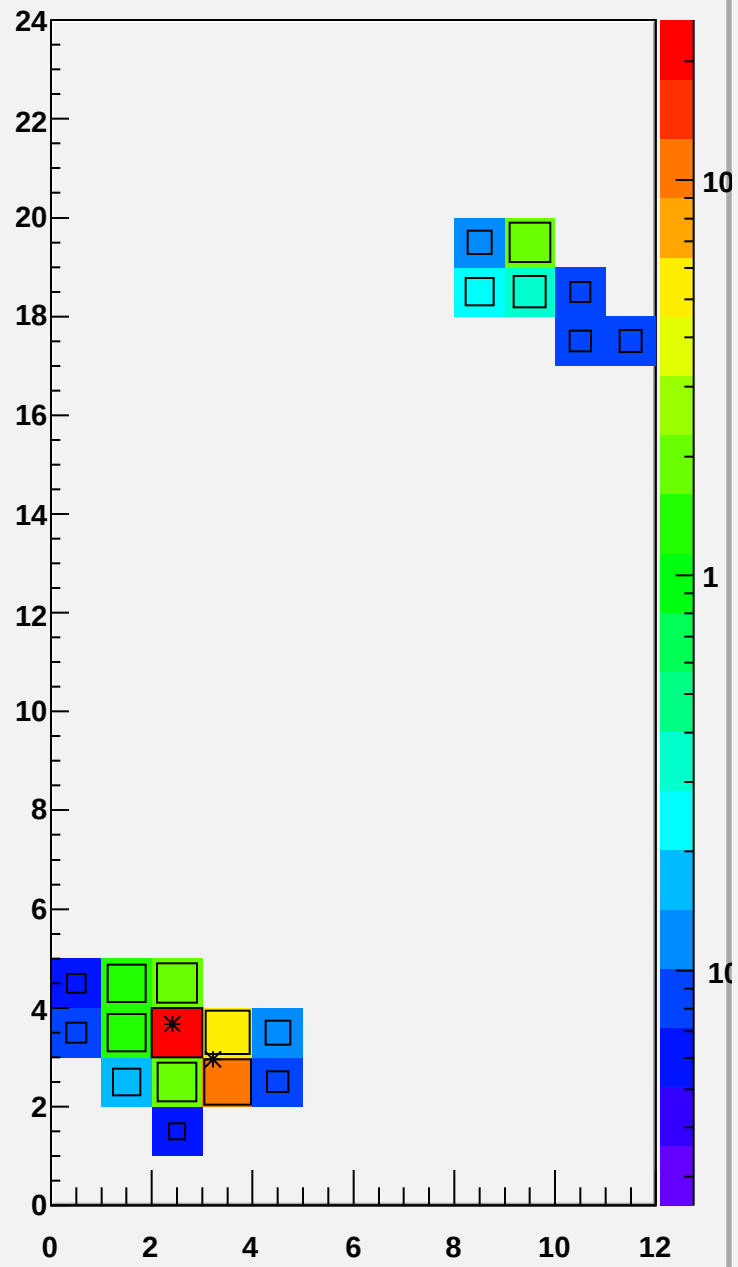
Mean x 3.637

Mean y 8.064

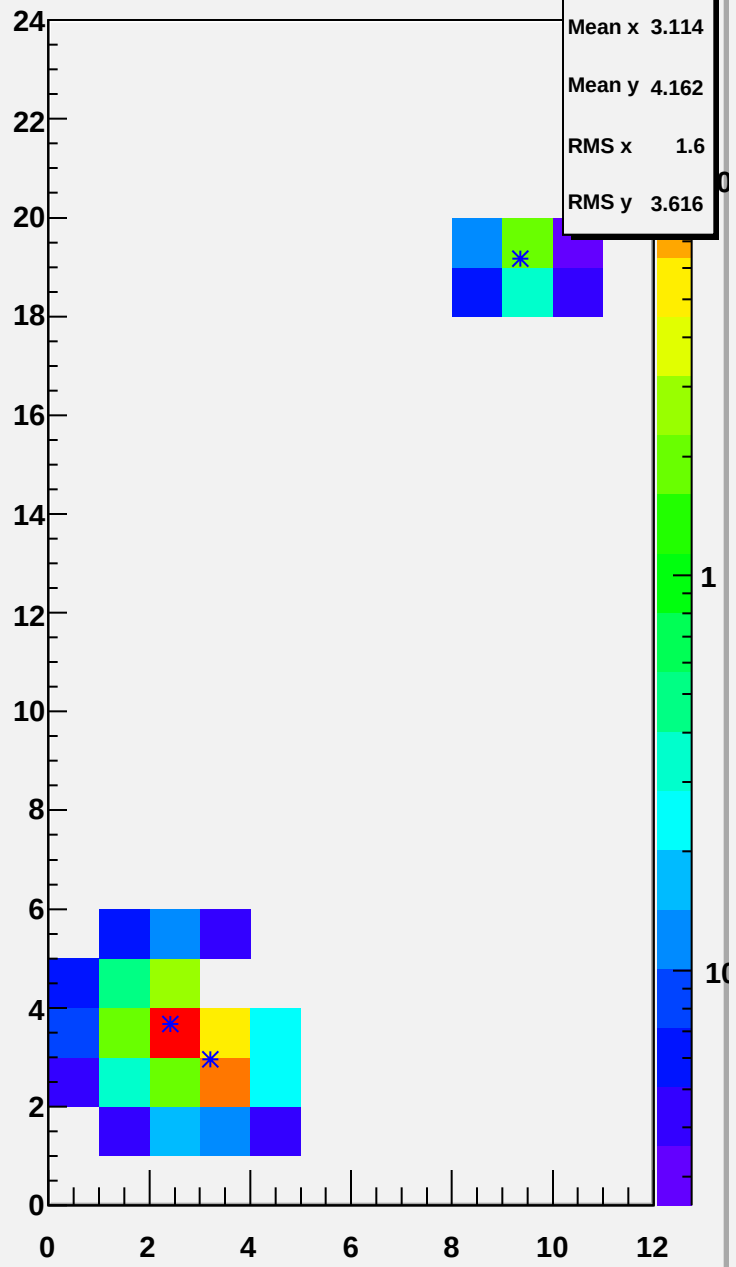
RMS x 3.004

RMS y 6.873

NSTB3_r4_c3_En=50.0_m0=0.142 m1=0.141 index=1092



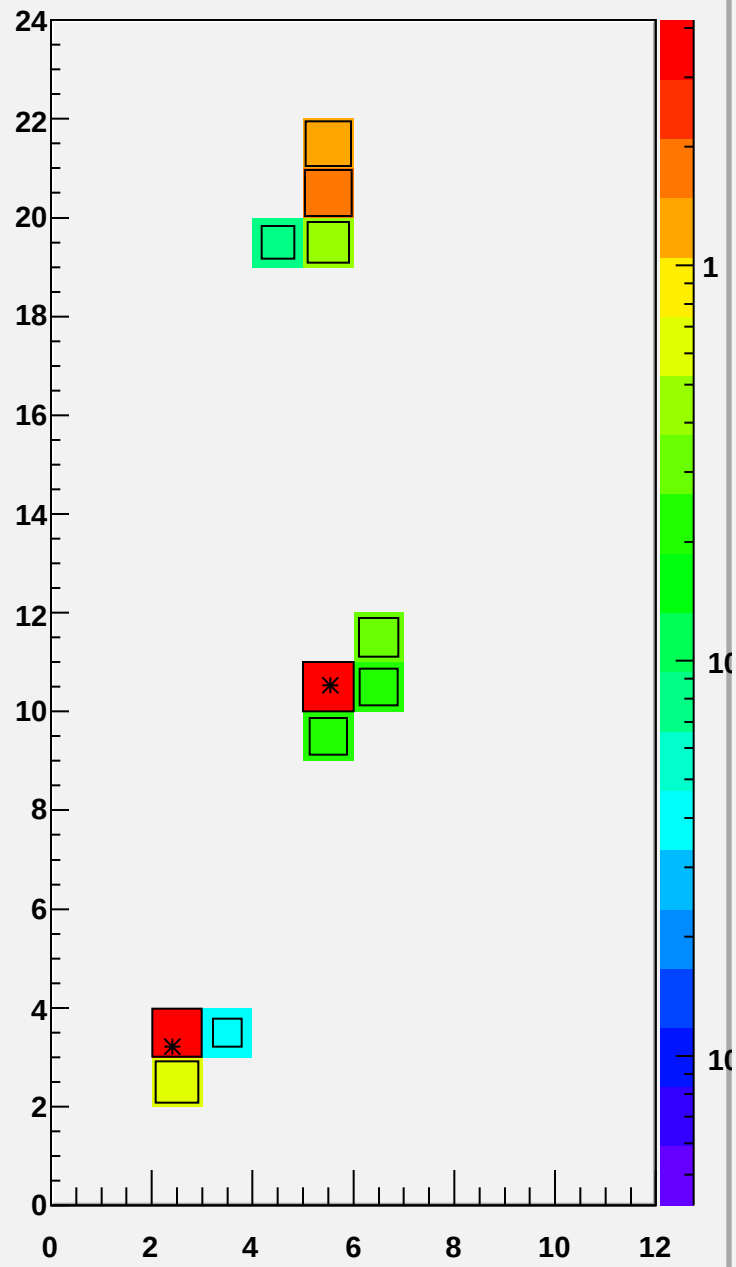
Fitted Energies



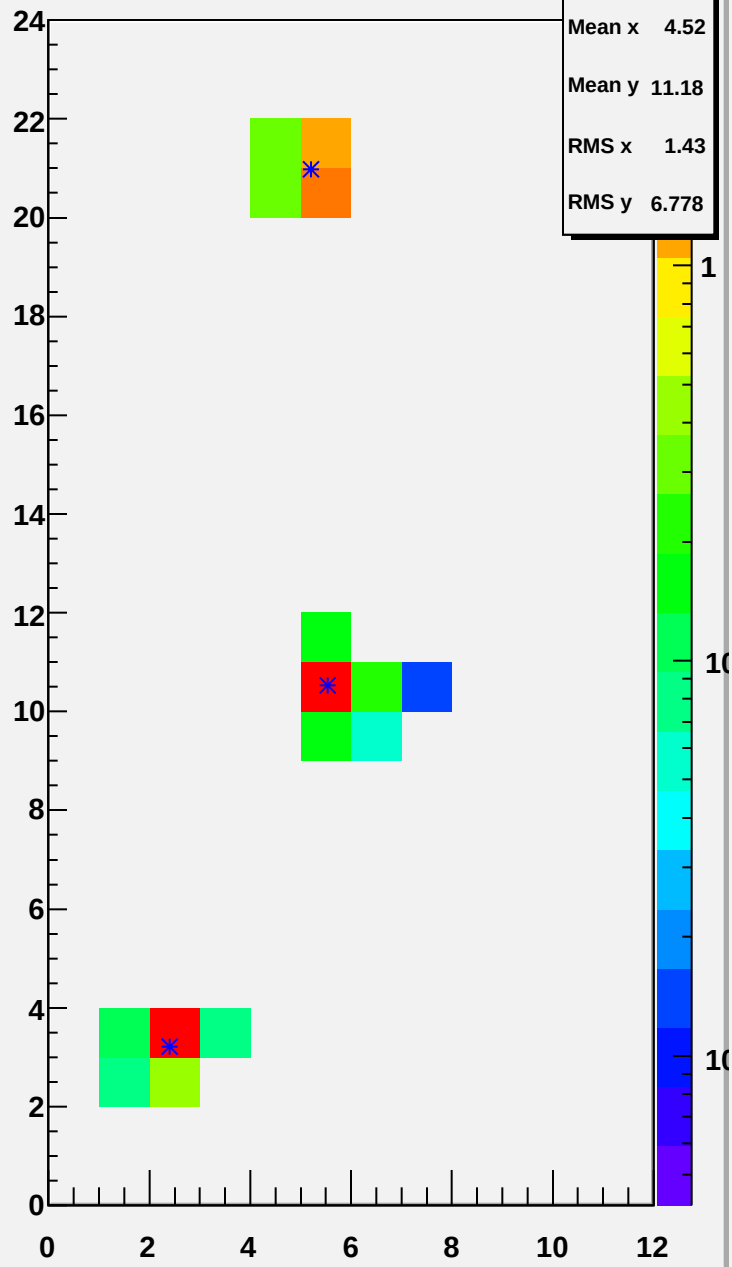
Efit

Entries 288
Mean x 3.114
Mean y 4.162
RMS x 1.6
RMS y 3.616

NSTB3_r4_c3_En=11.8_m0=0.199 m1=0.199 index=1093



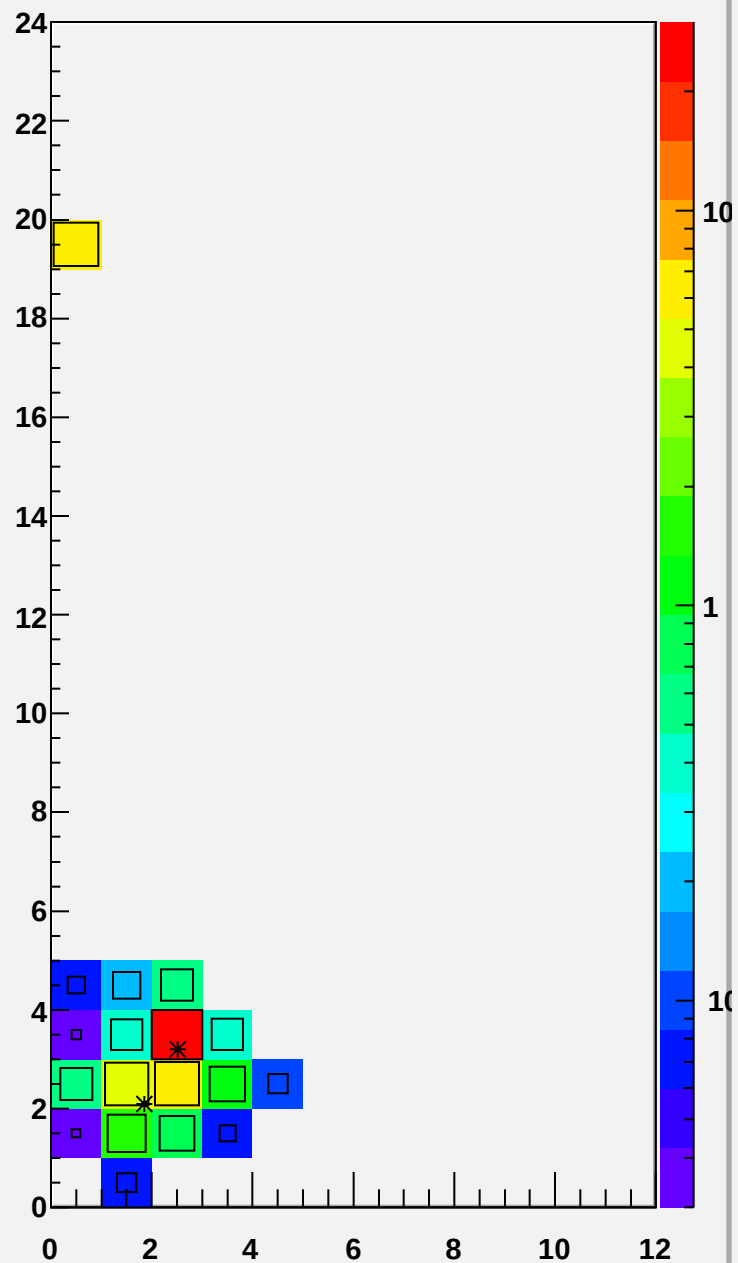
Fitted Energies



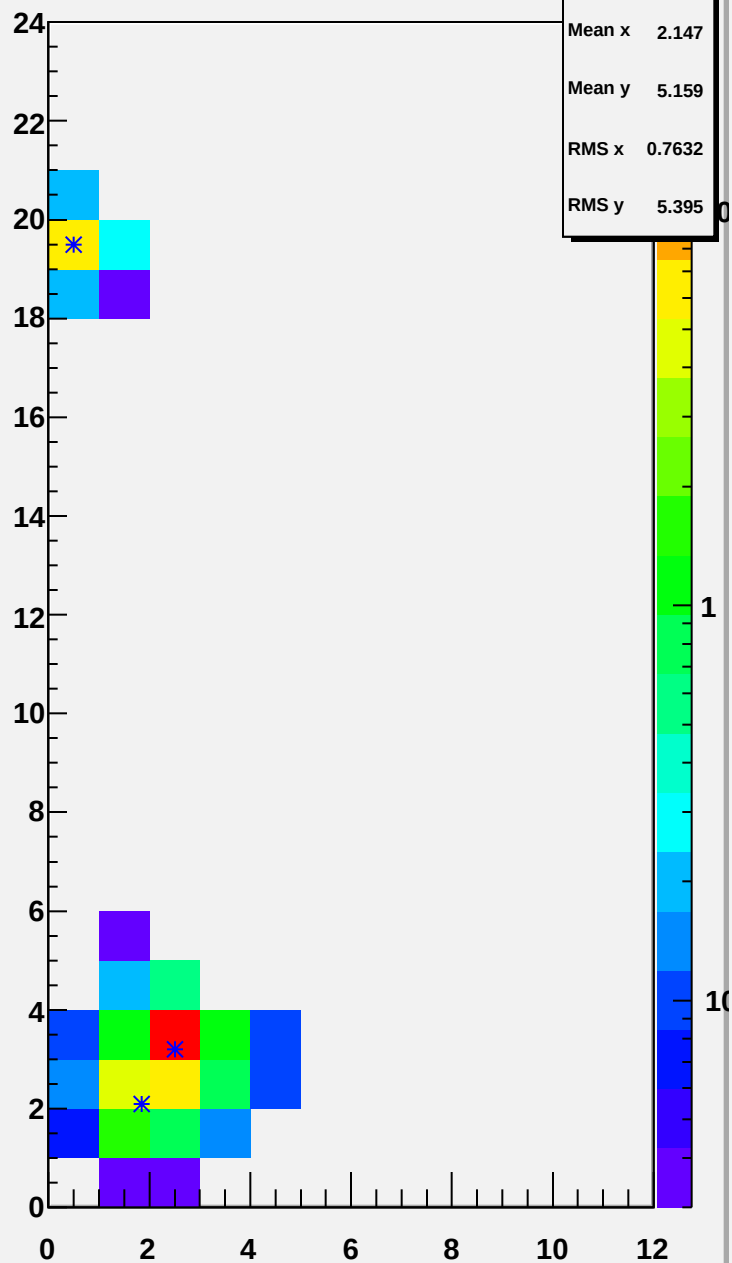
Efit

Entries 288
Mean x 4.52
Mean y 11.18
RMS x 1.43
RMS y 6.778

NSTB3_r4_c3_En=53.4_m0=0.123 m1=0.123 index=1094



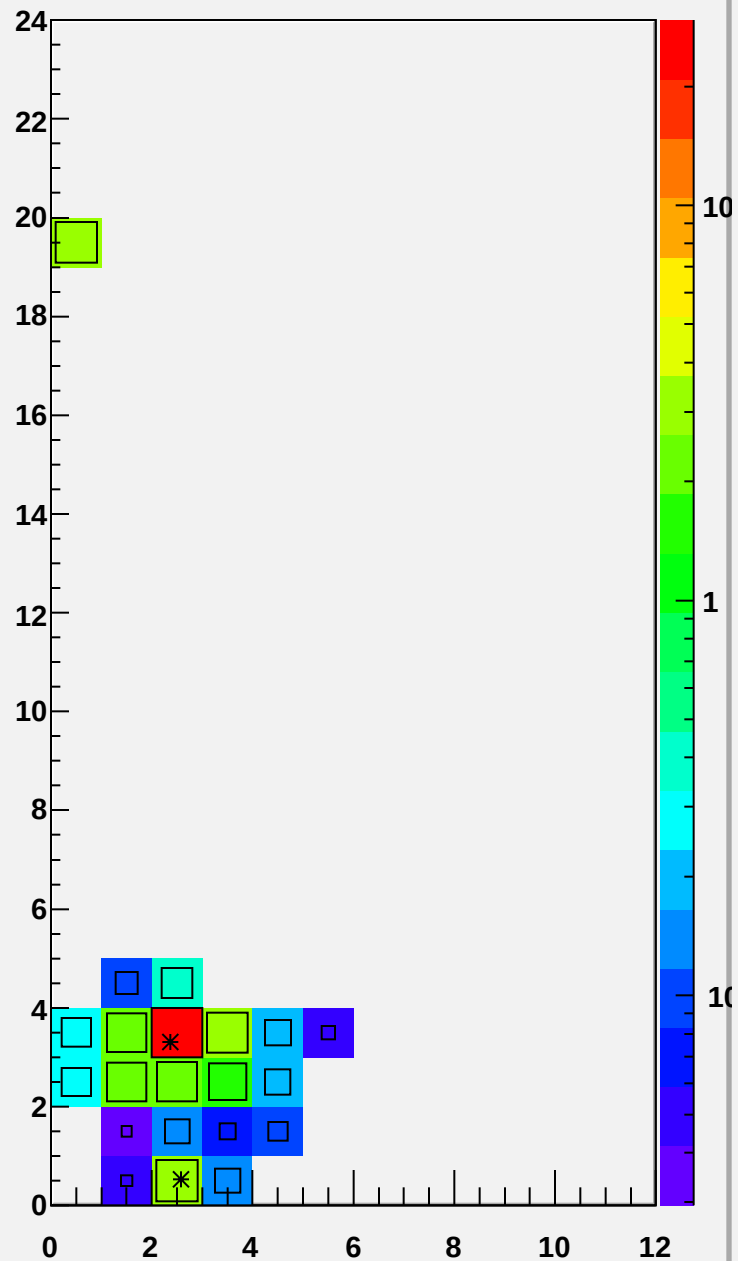
Fitted Energies



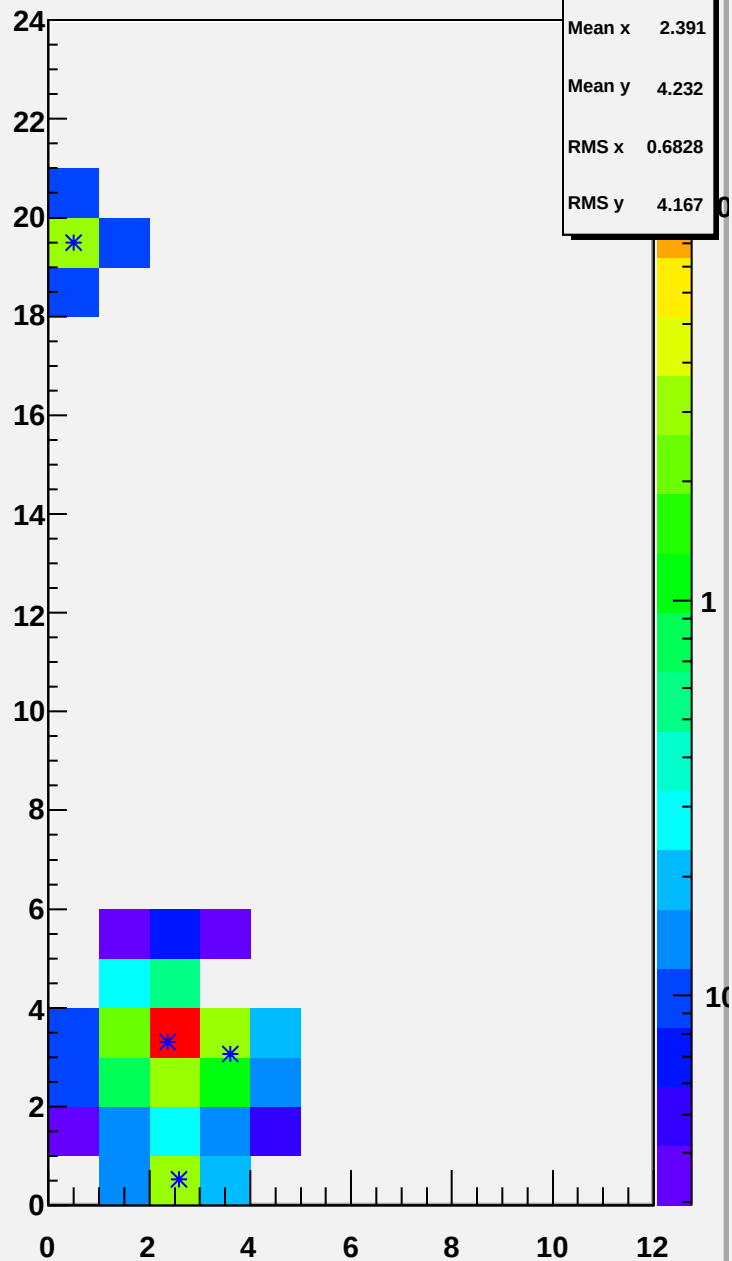
Efit

Entries	288
Mean x	2.147
Mean y	5.159
RMS x	0.7632
RMS y	5.395

NSTB3_r4_c3_En=48.5_m0=0.191 m1=0.190 index=1095



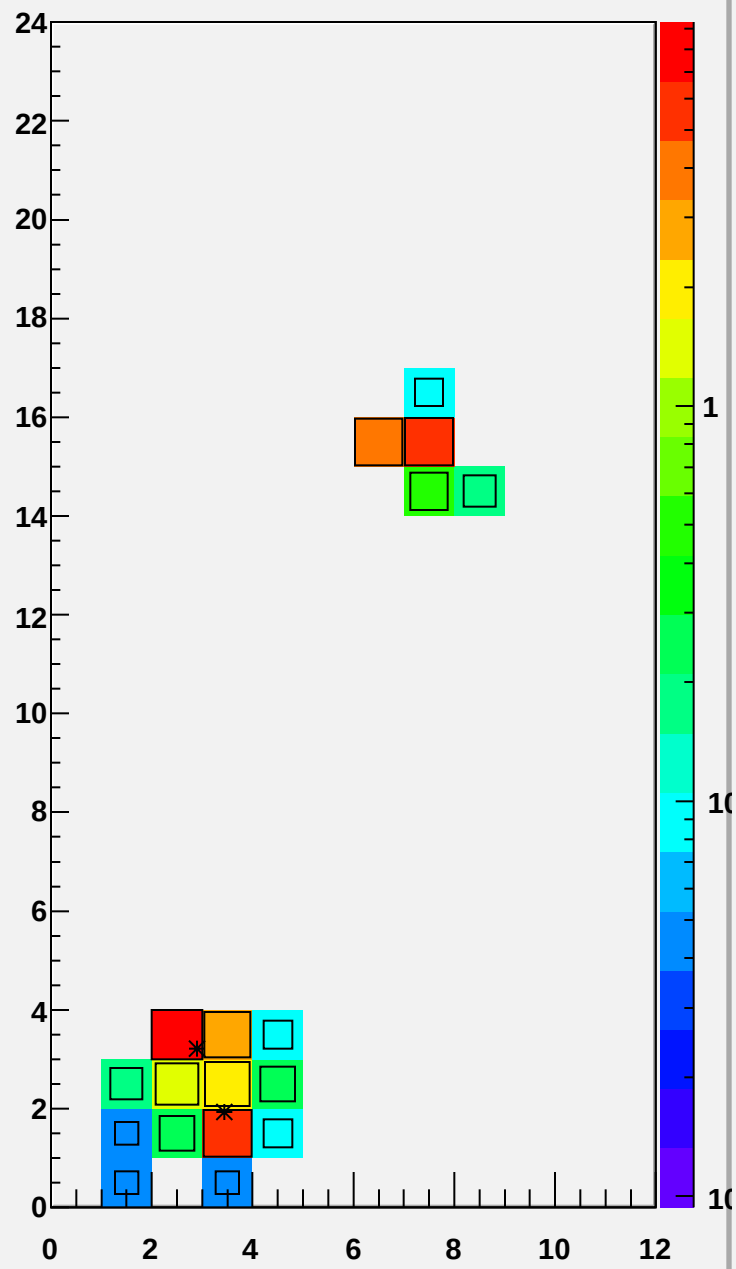
Fitted Energies



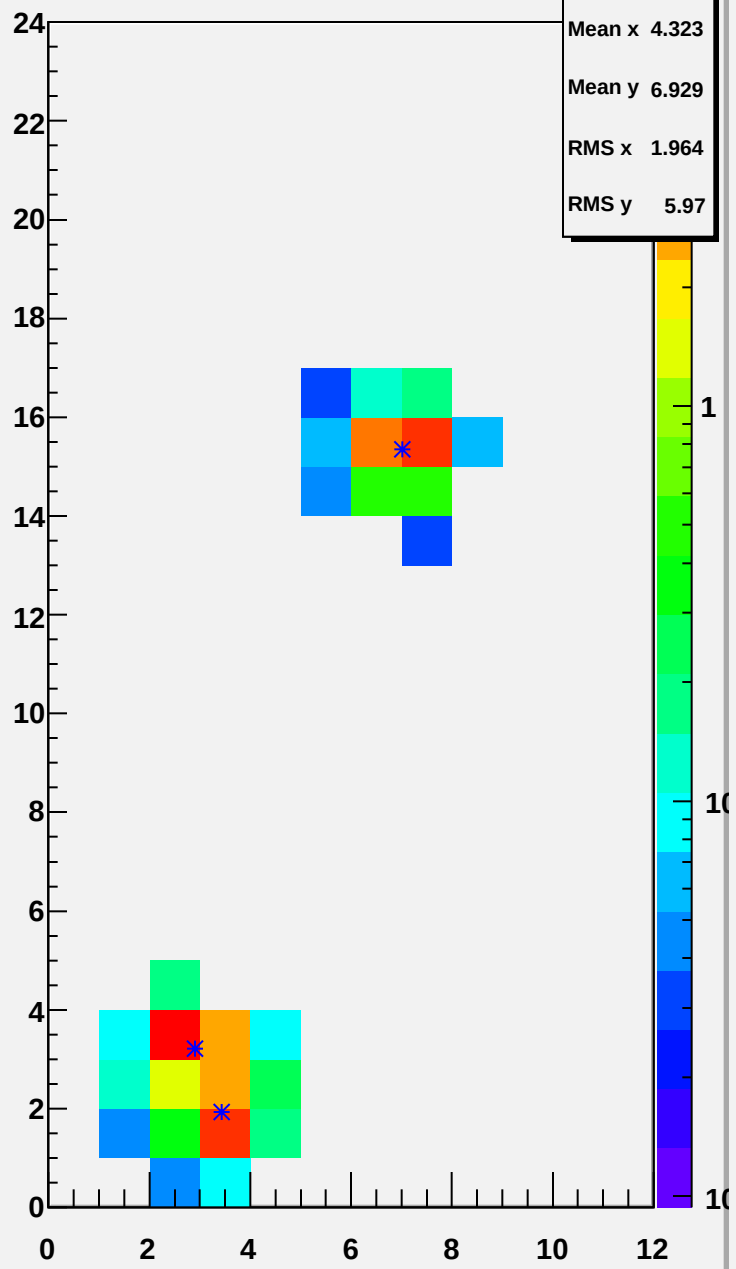
Efit

Entries	288
Mean x	2.391
Mean y	4.232
RMS x	0.6828
RMS y	4.167

NSTB3_r4_c3_En=33.0_m0=0.089 m1=0.089 index=1096



Fitted Energies



Efit

Entries 288

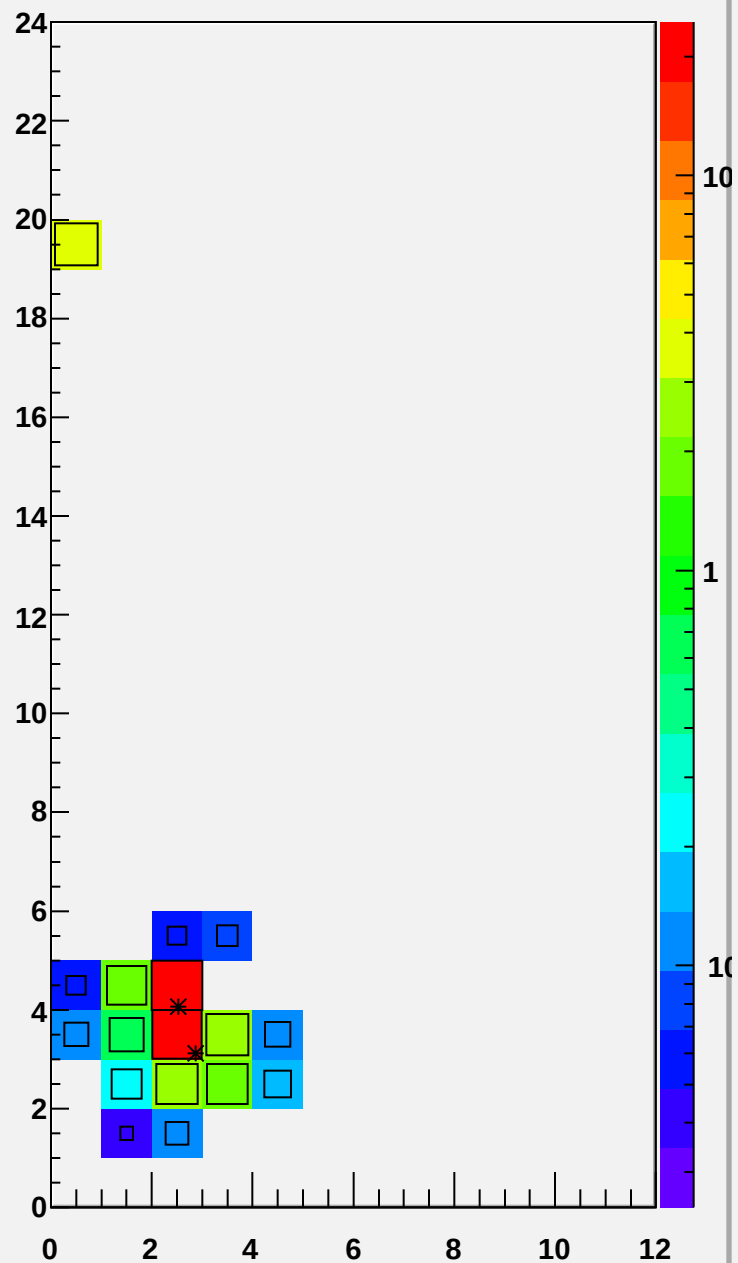
Mean x 4.323

Mean y 6.929

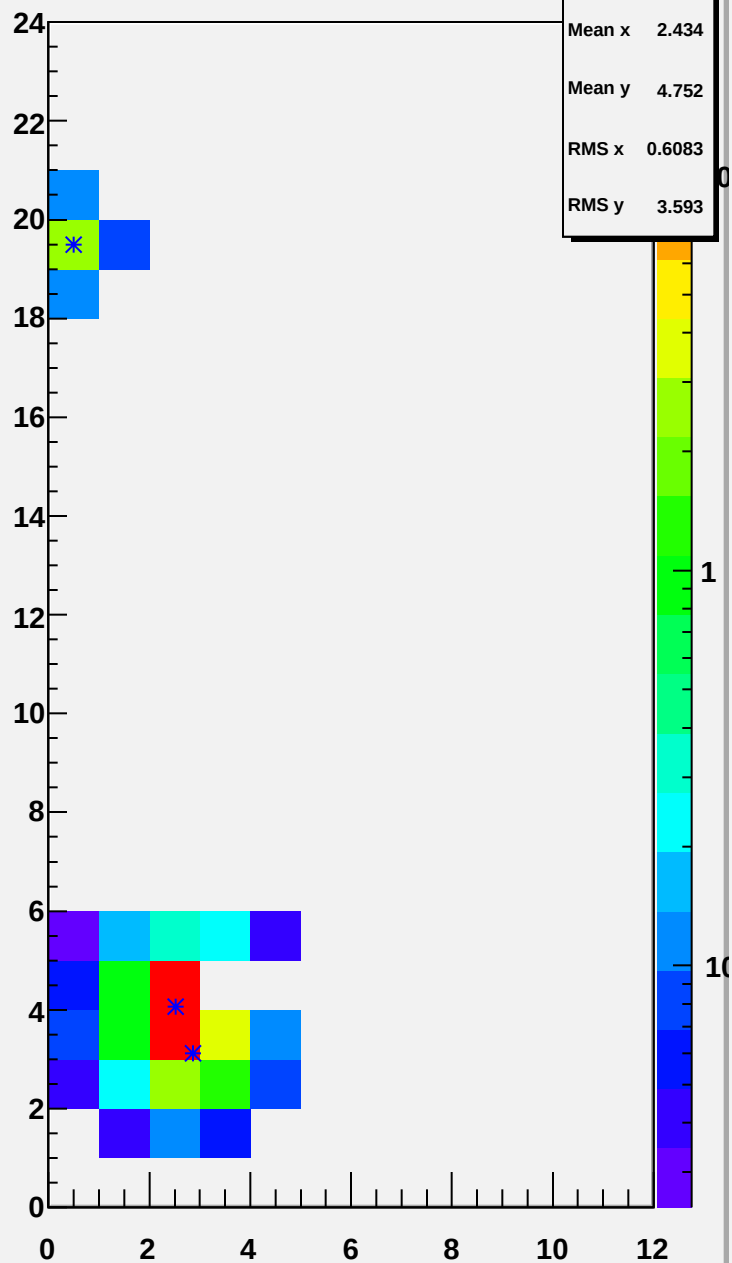
RMS x 1.964

RMS y 5.97

NSTB3_r4_c3_En=59.3_m0=0.140 m1=0.139 index=1097



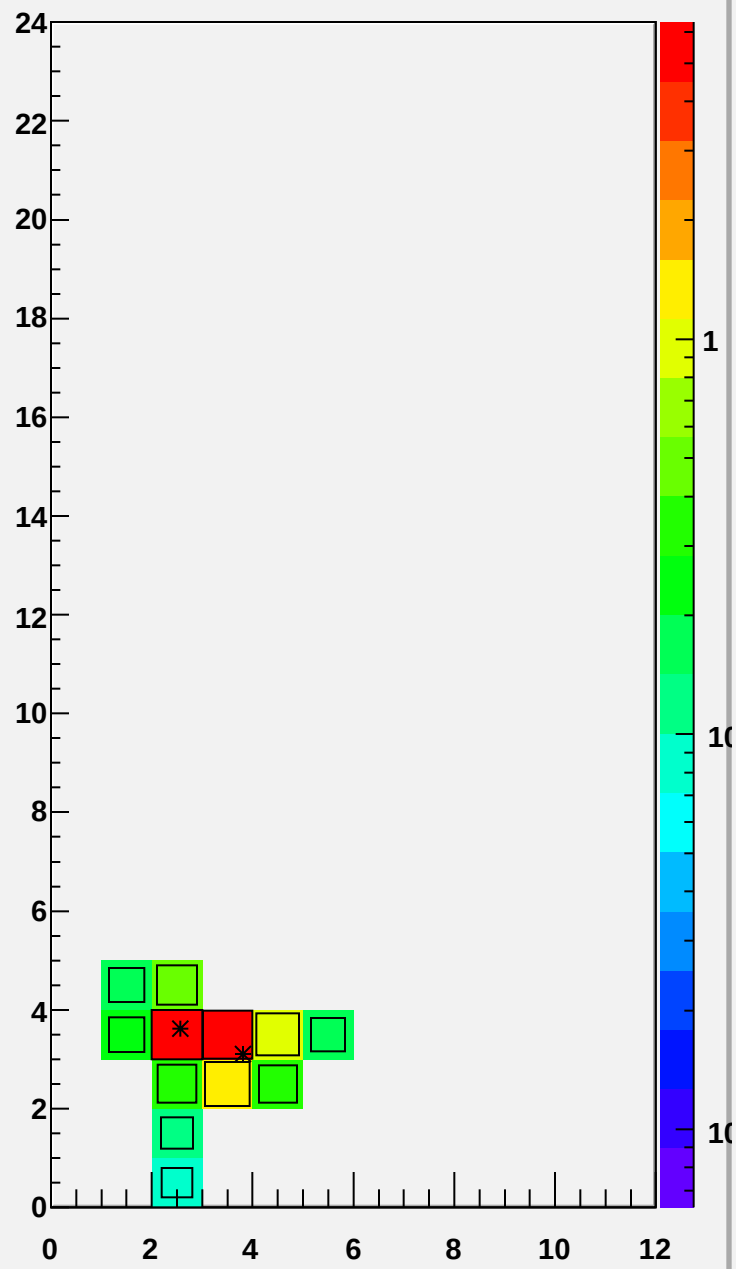
Fitted Energies



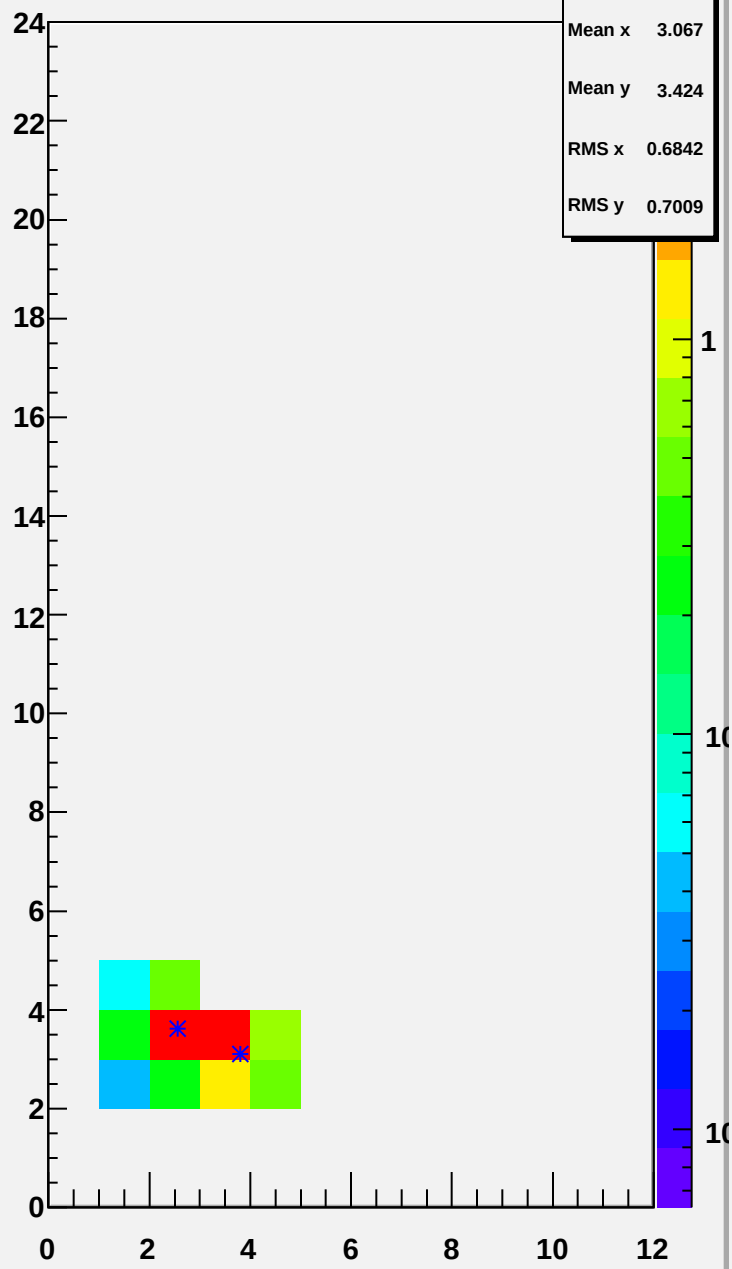
Efit

Entries	288
Mean x	2.434
Mean y	4.752
RMS x	0.6083
RMS y	3.593

NSTB3_r4_c3_En=15.4_m0=0.056 m1=0.056 index=1099



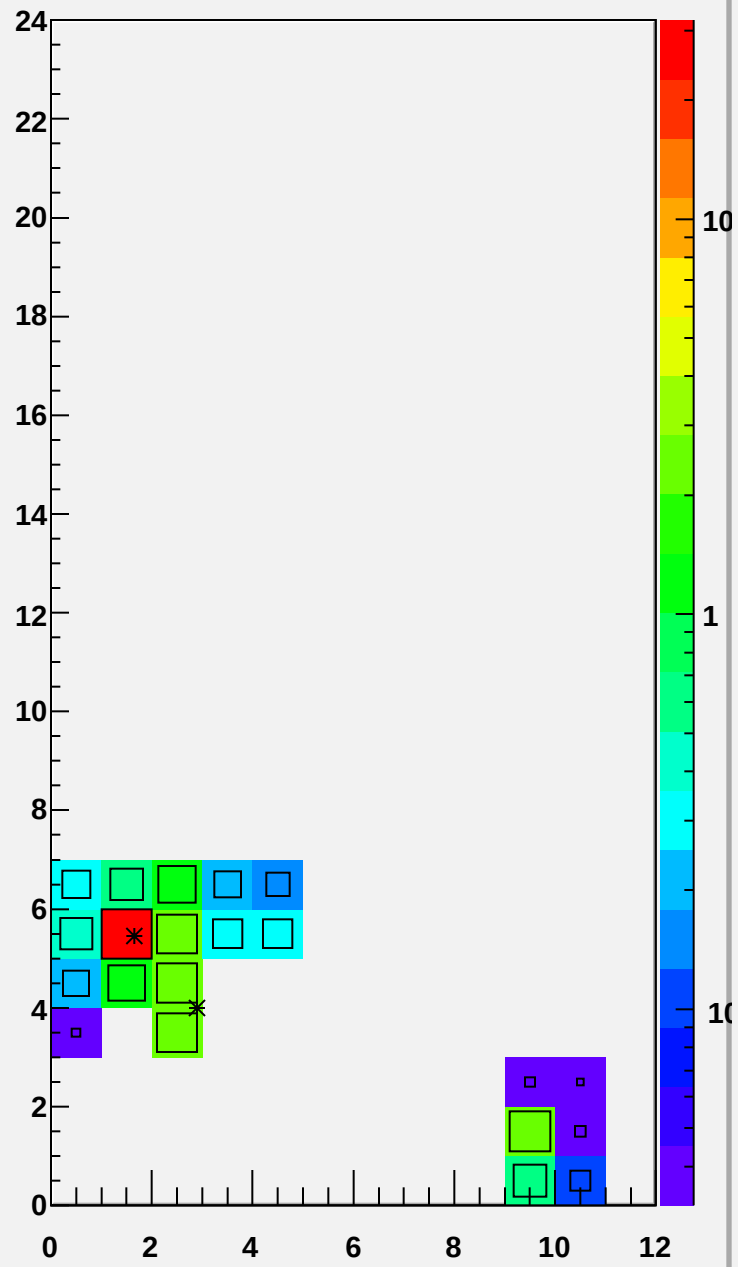
Fitted Energies



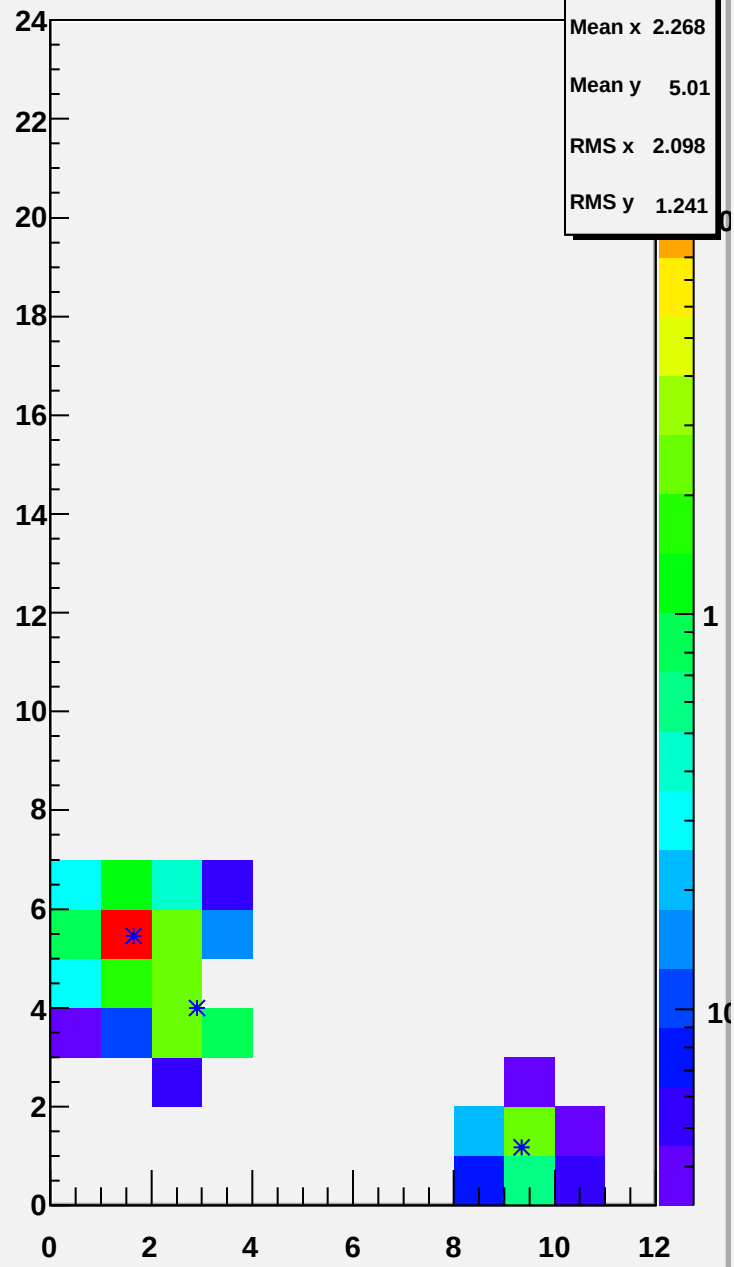
Efit

Entries	288
Mean x	3.067
Mean y	3.424
RMS x	0.6842
RMS y	0.7009

NSTB3_r4_c3_En=47.4_m0=0.164 m1=0.164 index=1102



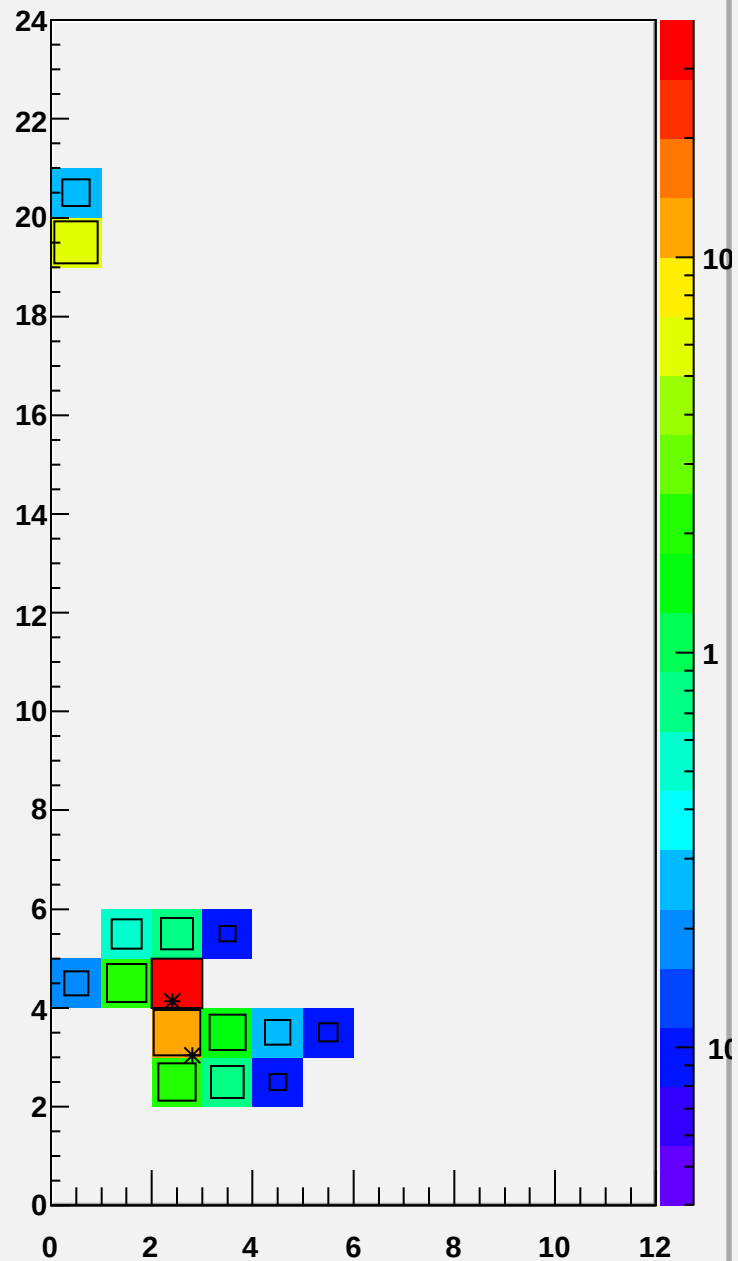
Fitted Energies



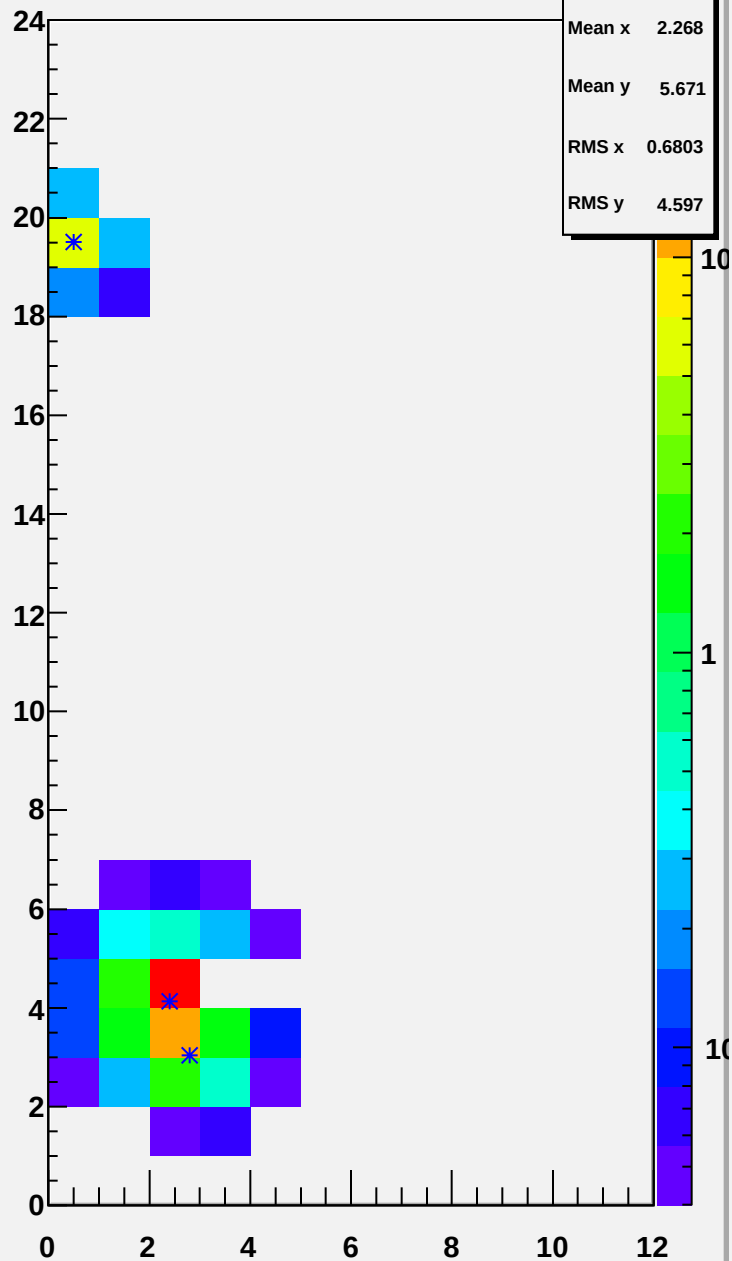
Efit

Entries 288
Mean x 2.268
Mean y 5.01
RMS x 2.098
RMS y 1.241

NSTB3_r4_c3_En=68.5_m0=0.120 m1=0.120 index=1103



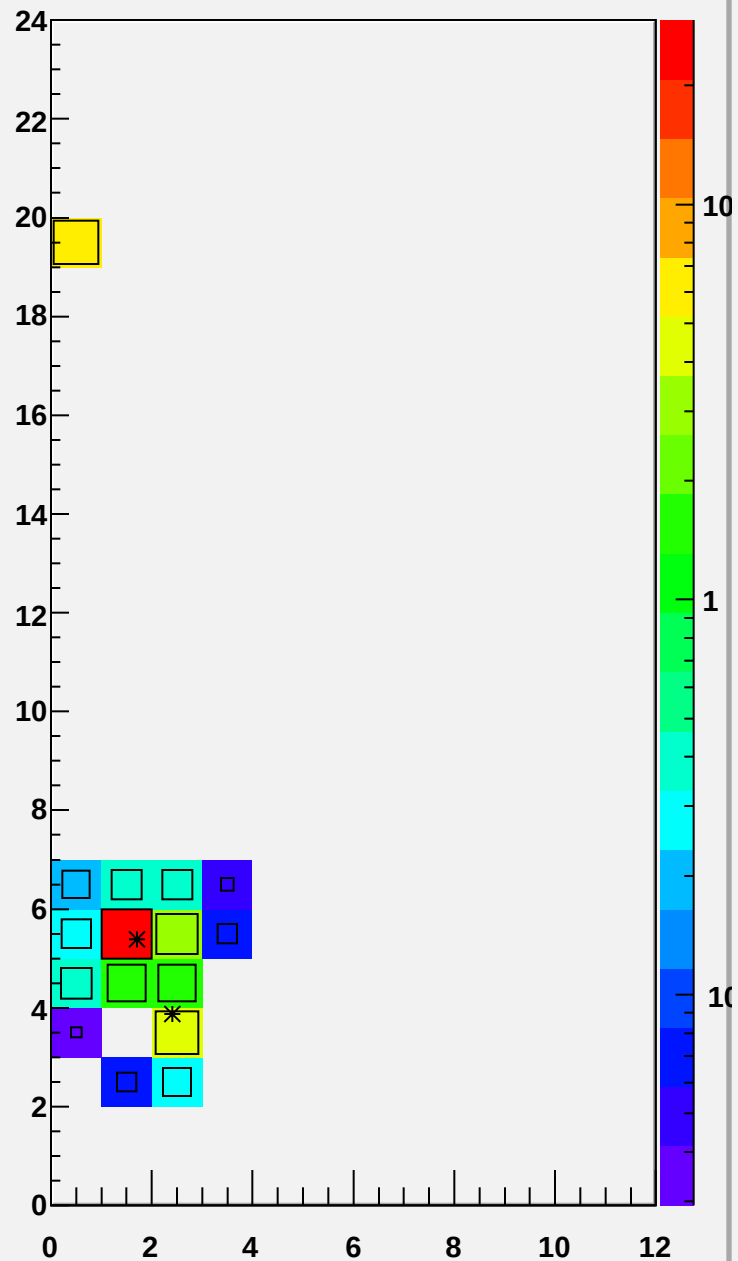
Fitted Energies



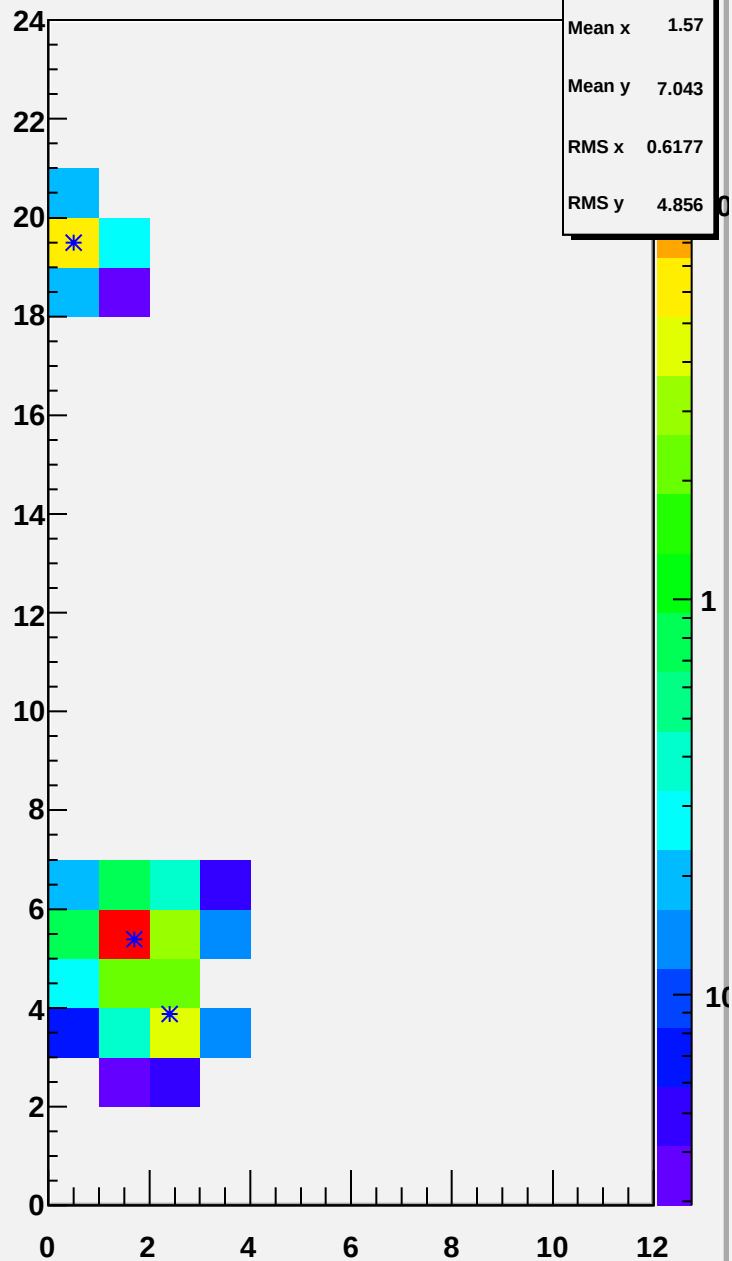
Efit

Entries	288
Mean x	2.268
Mean y	5.671
RMS x	0.6803
RMS y	4.597

NSTB3_r4_c3_En=48.1_m0=0.148 m1=0.148 index=1104



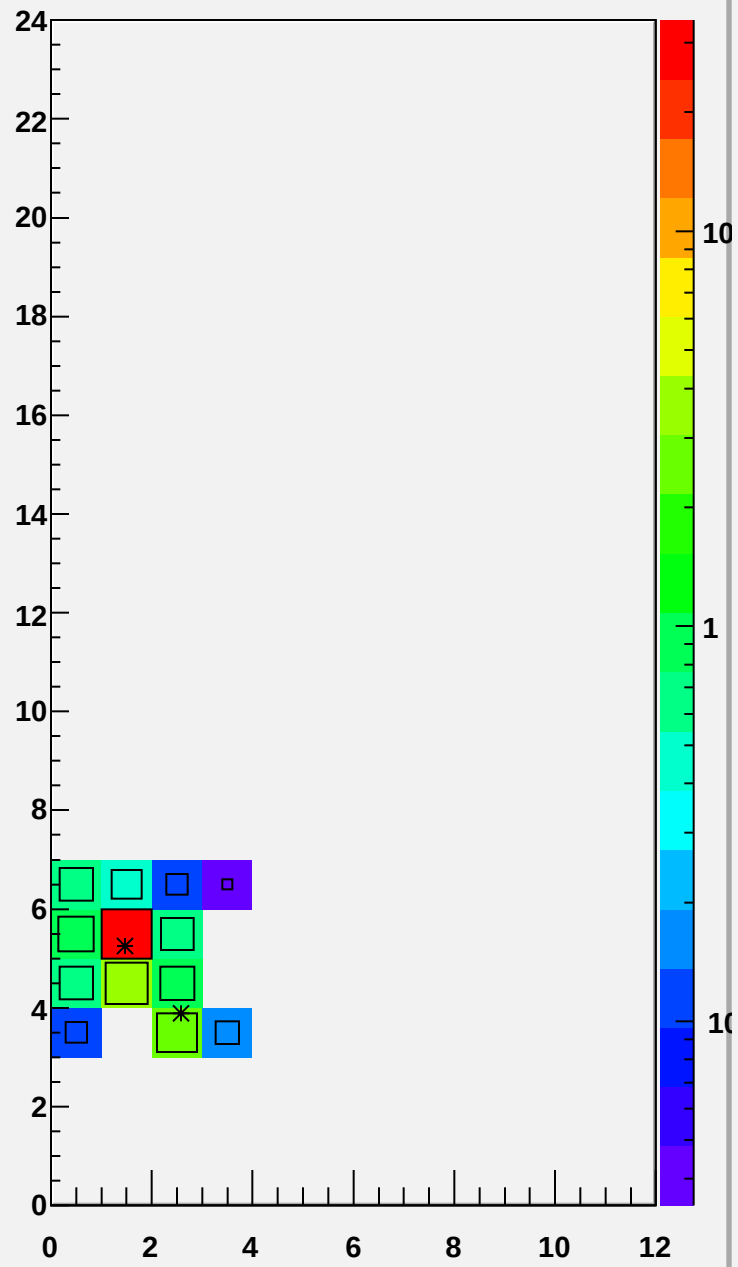
Fitted Energies



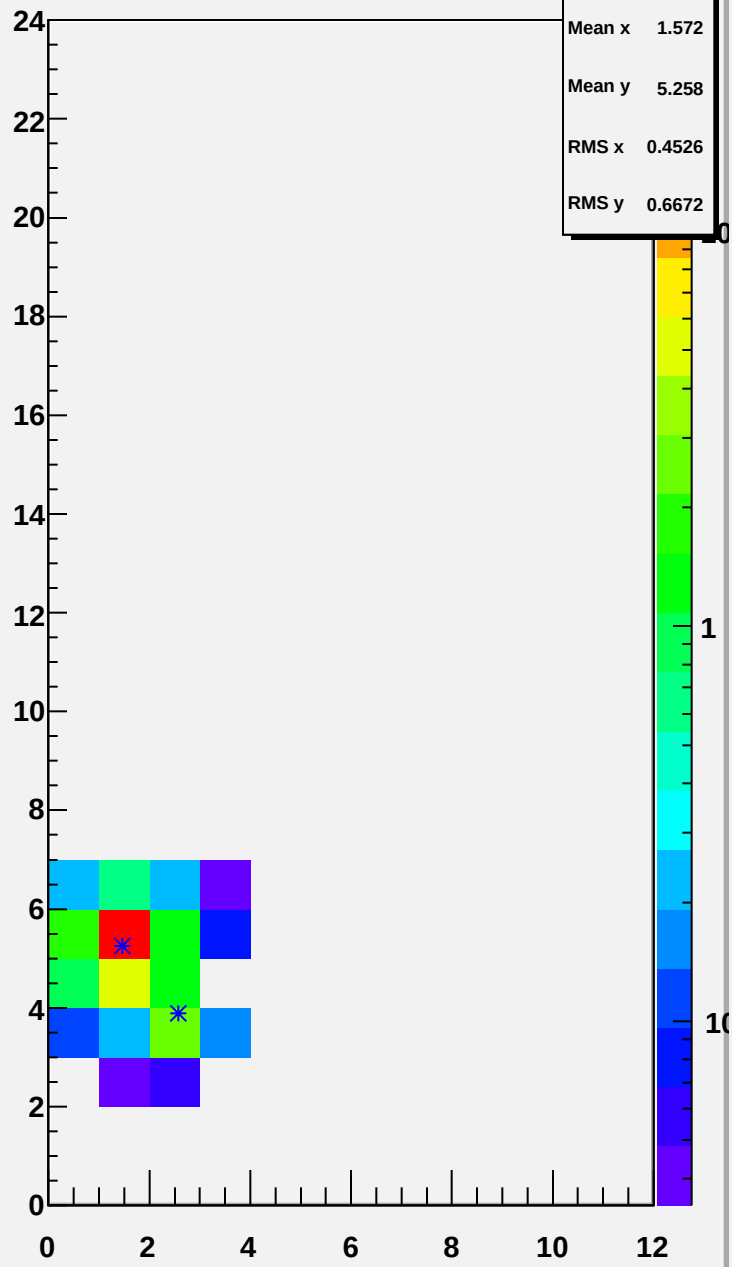
Efit

Entries	288
Mean x	1.57
Mean y	7.043
RMS x	0.6177
RMS y	4.856

NSTB3_r4_c3_En=45.7_m0=0.126 m1=0.126 index=1105



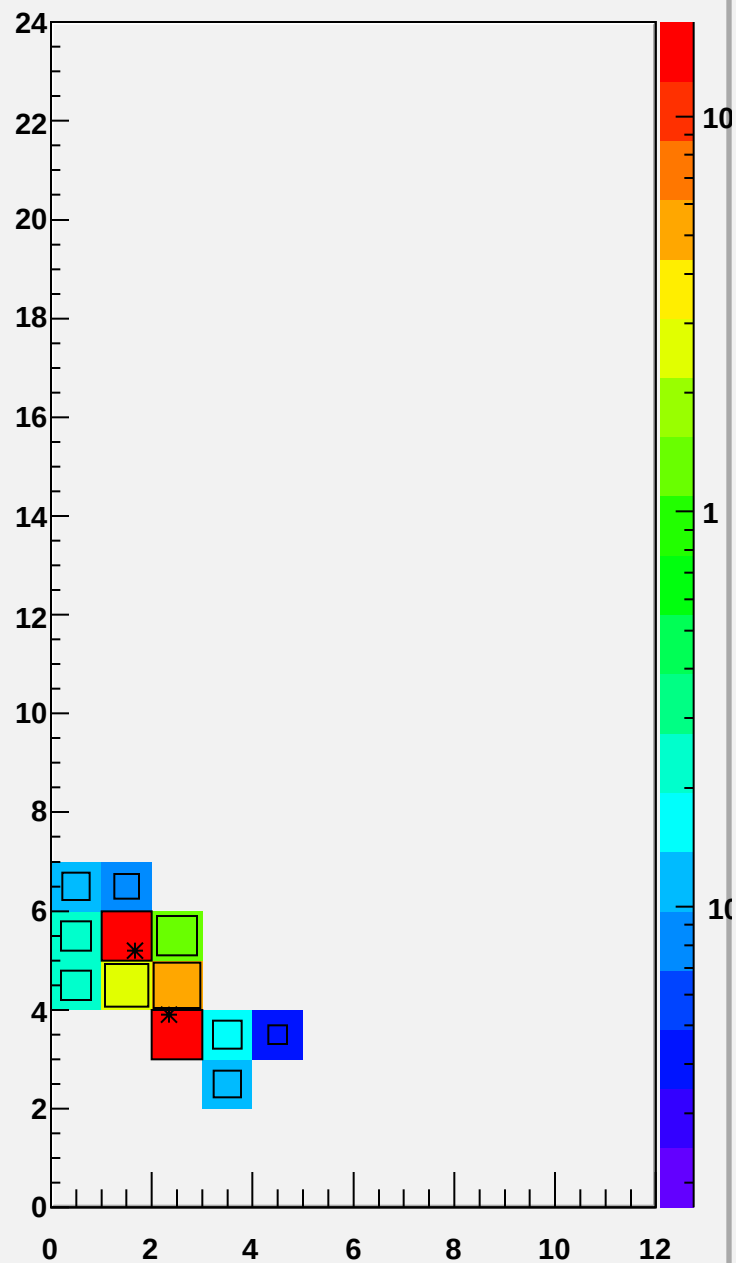
Fitted Energies



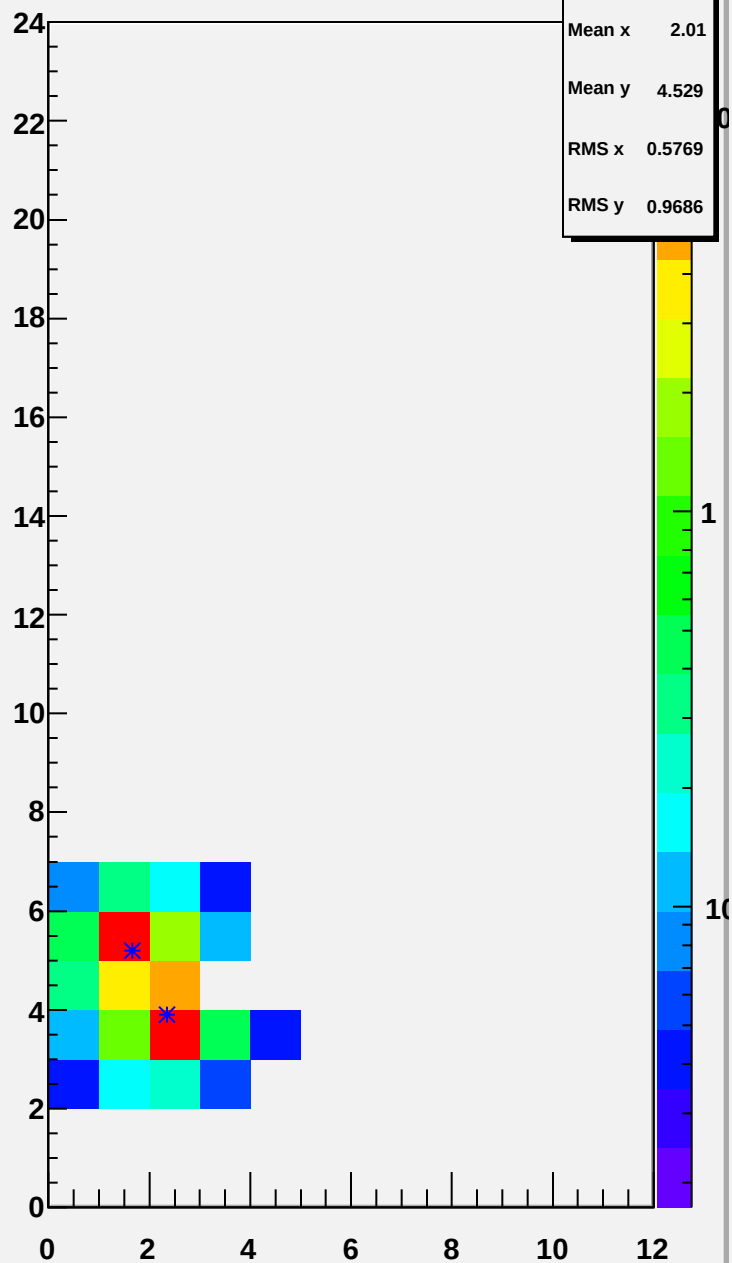
Efit

Entries	288
Mean x	1.572
Mean y	5.258
RMS x	0.4526
RMS y	0.6672

NSTB3_r4_c3_En=45.6_m0=0.200 m1=0.200 index=1106



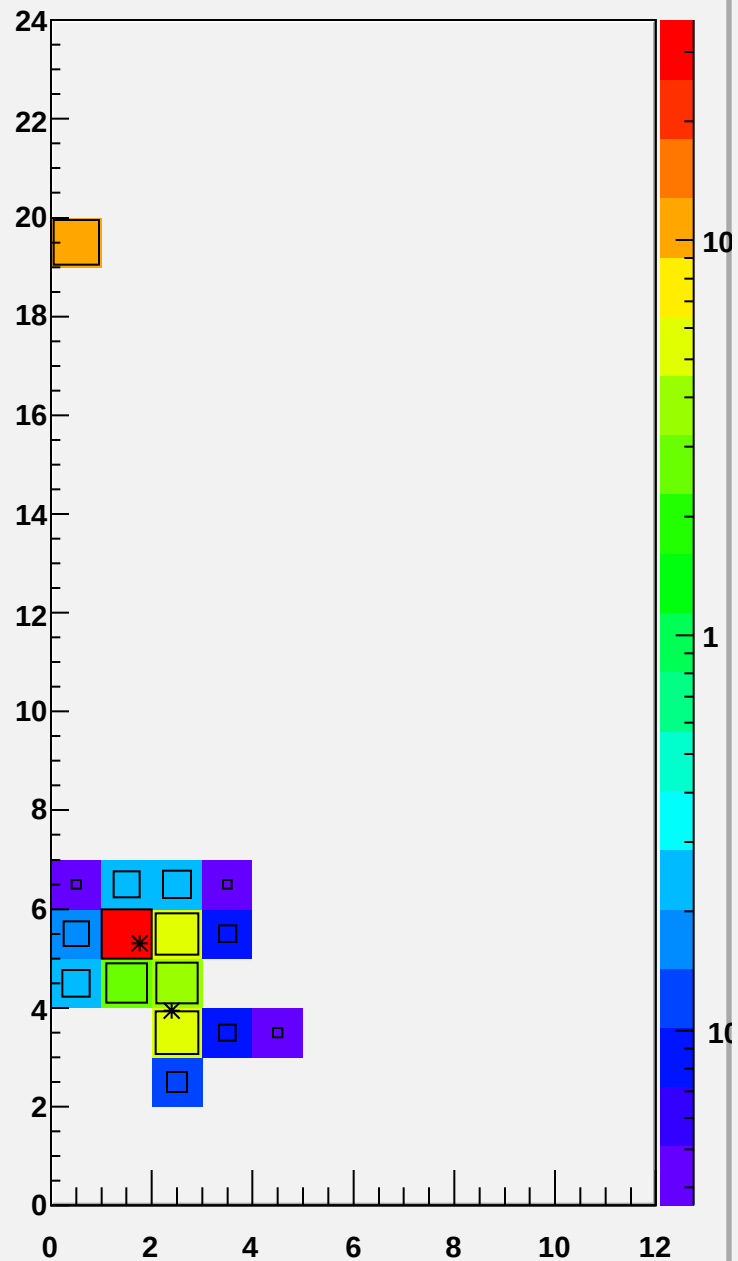
Fitted Energies



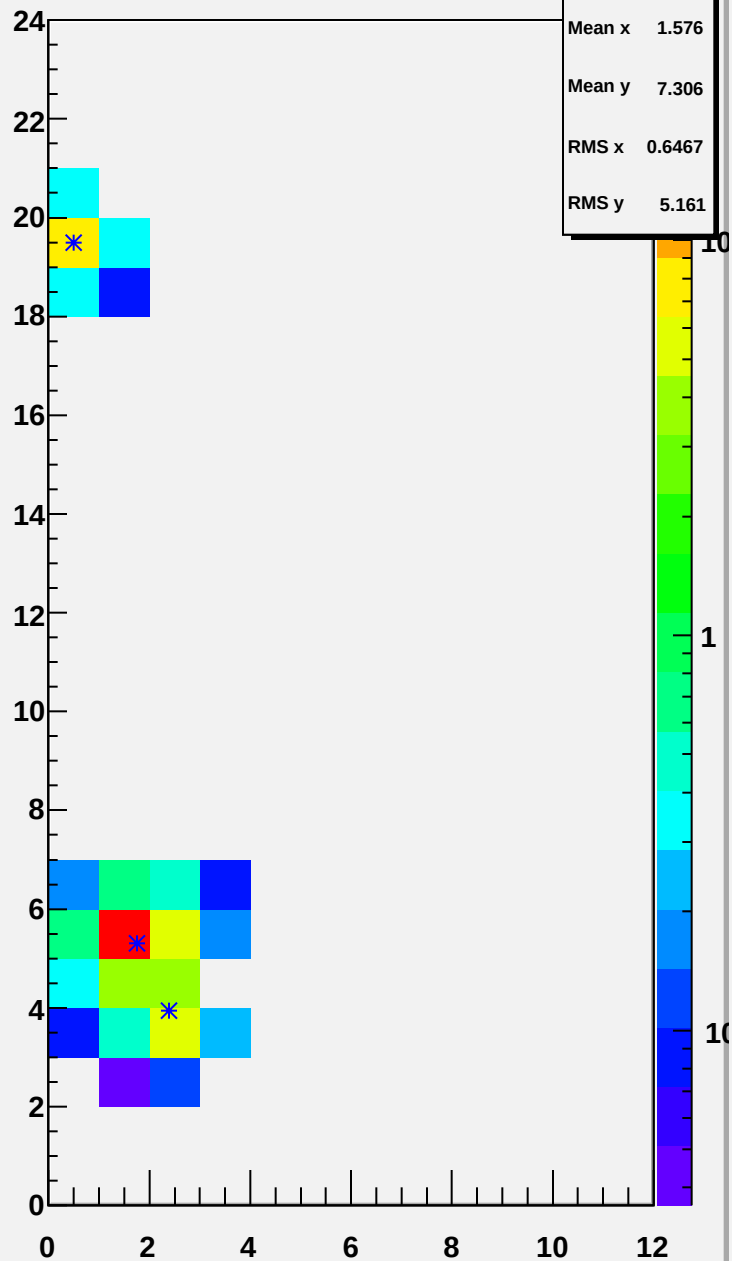
Efit

Entries	288
Mean x	2.01
Mean y	4.529
RMS x	0.5769
RMS y	0.9686

NSTB3_r4_c3_En=64.6_m0=0.176 m1=0.175 index=1107



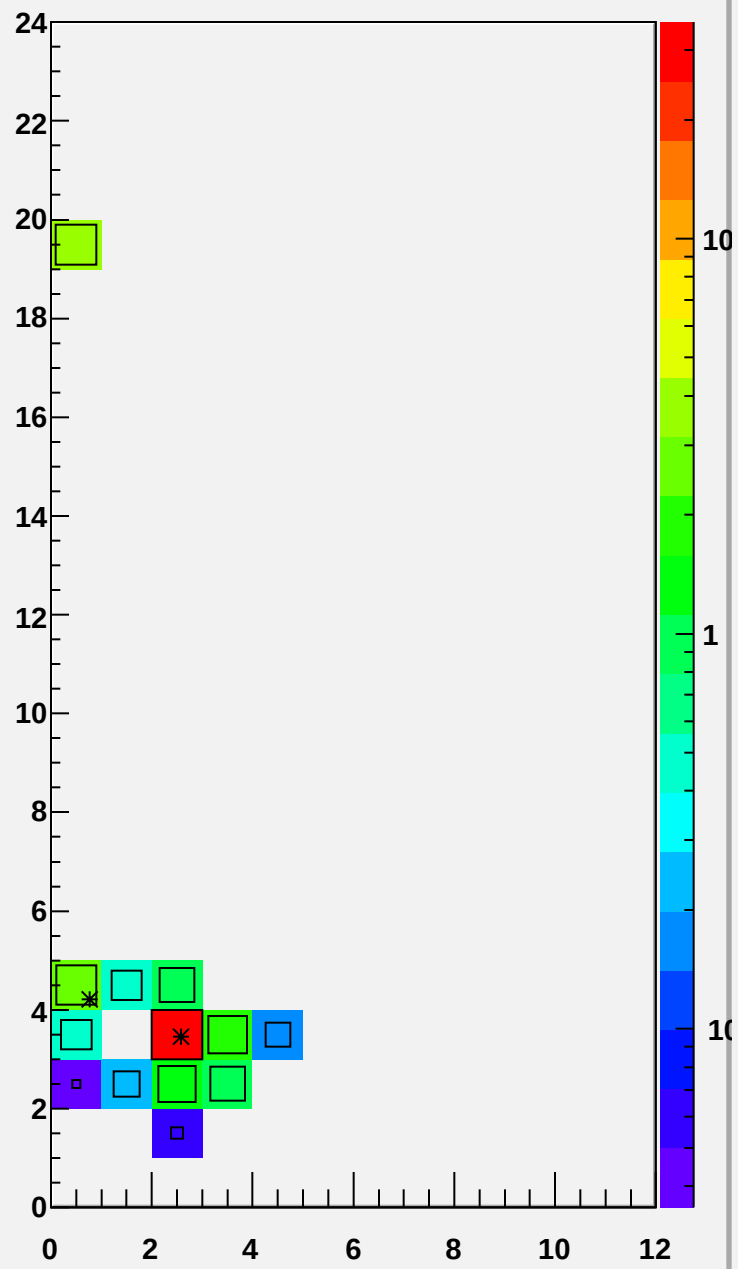
Fitted Energies



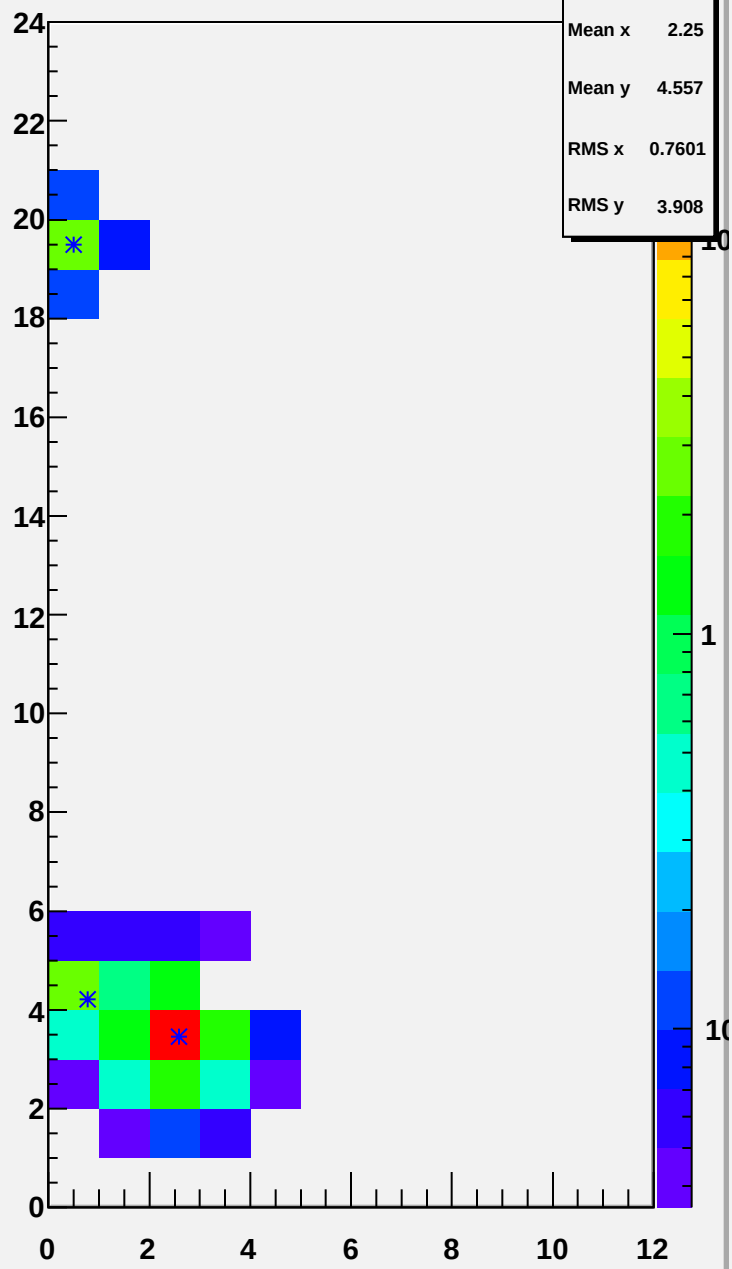
Efit

Entries	288
Mean x	1.576
Mean y	7.306
RMS x	0.6467
RMS y	5.161

NSTB3_r4_c3_En=48.0_m0=0.141 m1=0.142 index=1108



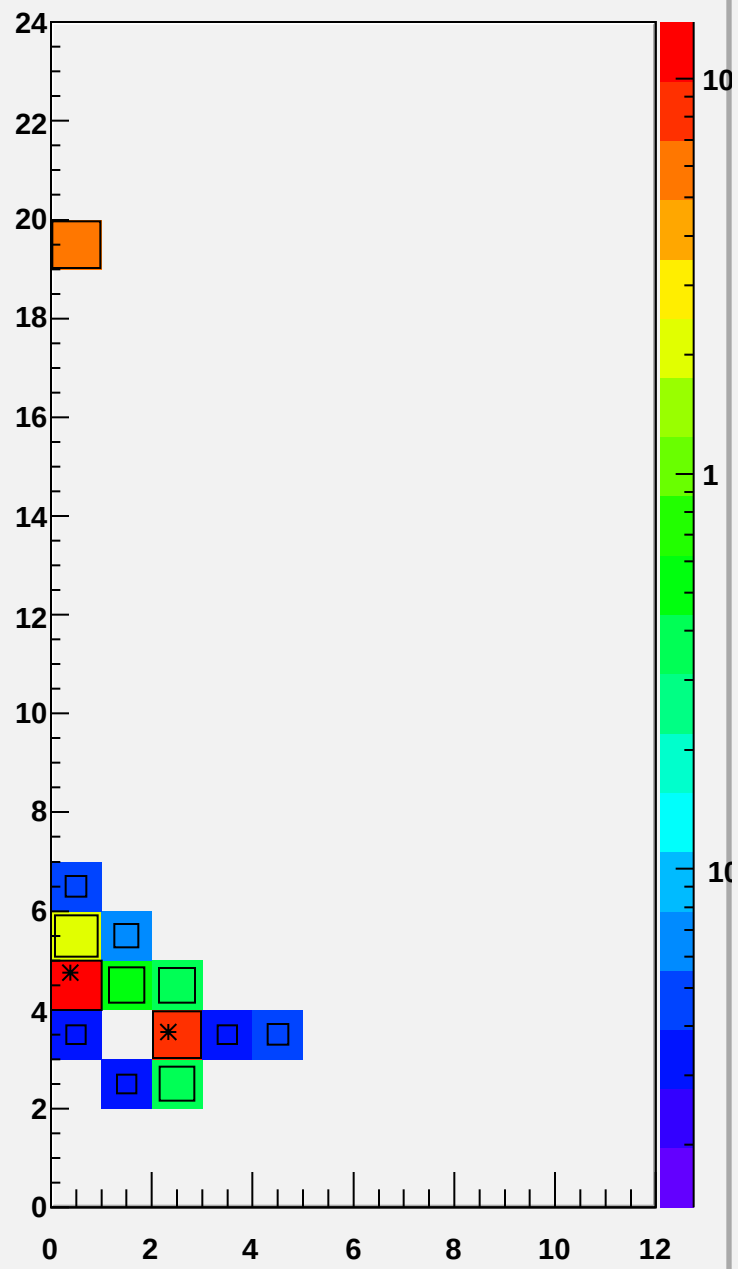
Fitted Energies



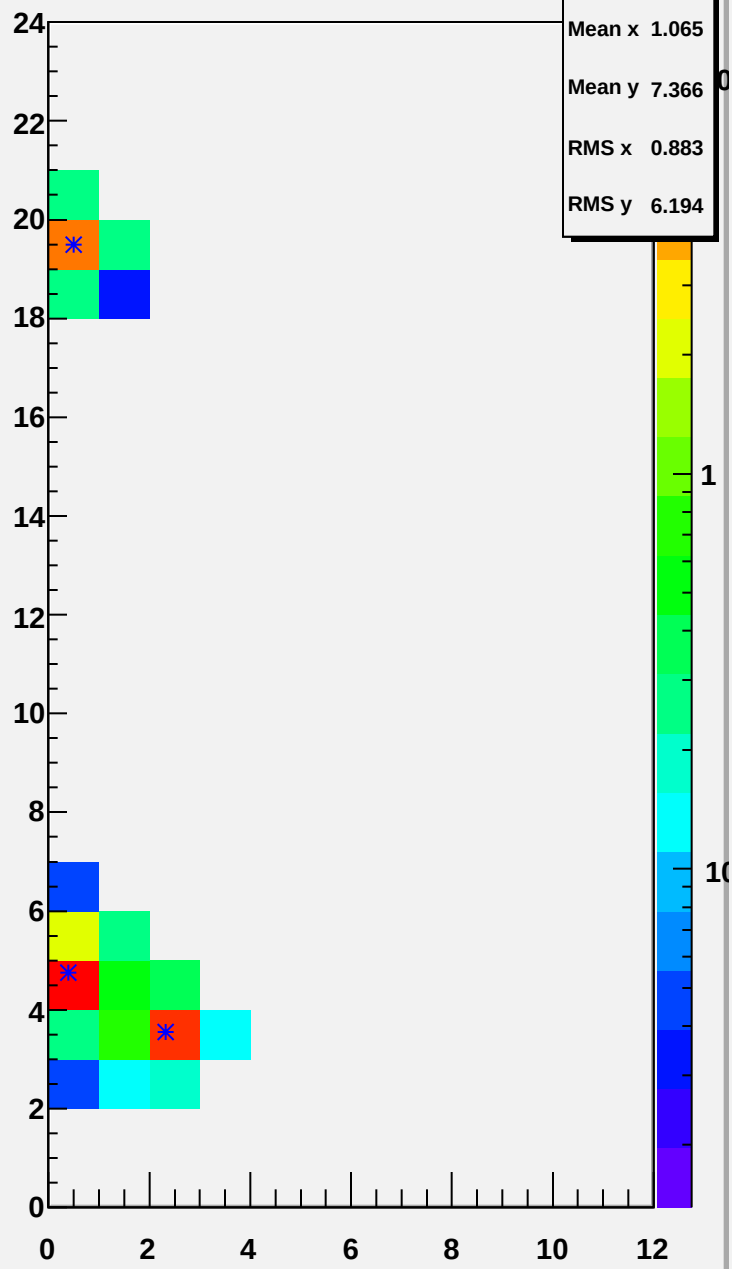
Efit

Entries	288
Mean x	2.25
Mean y	4.557
RMS x	0.7601
RMS y	3.908

NSTB3_r4_c3_En=31.1_m0=0.159 m1=0.159 index=1109



Fitted Energies



Efit

Entries 288

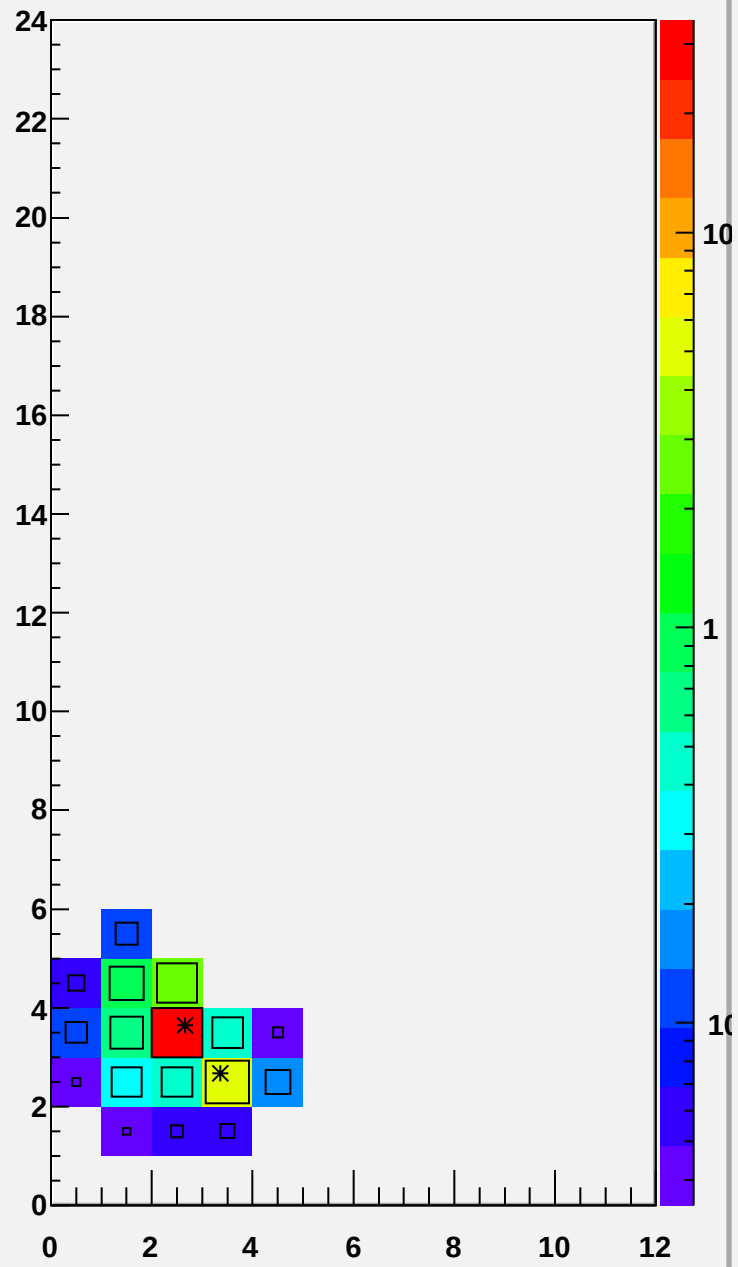
Mean x 1.065

Mean y 7.366

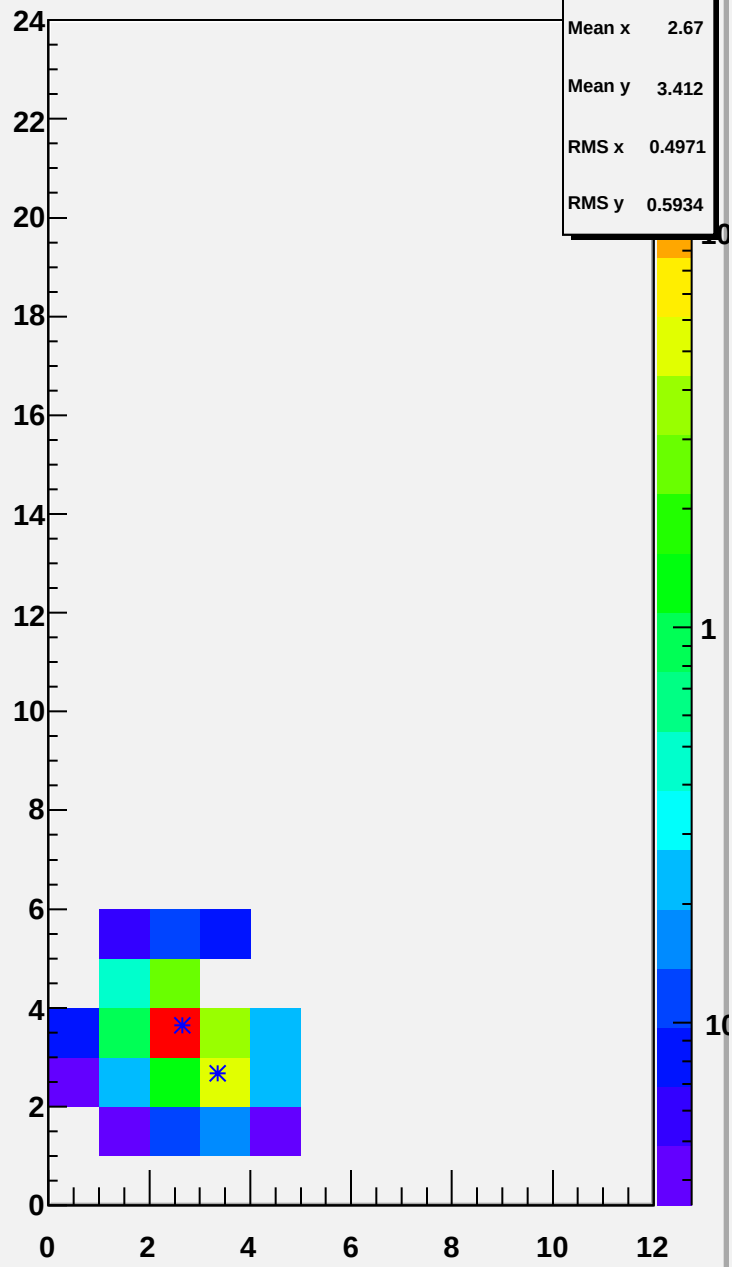
RMS x 0.883

RMS y 6.194

NSTB3_r4_c3_En=46.1_m0=0.116 m1=0.116 index=1110



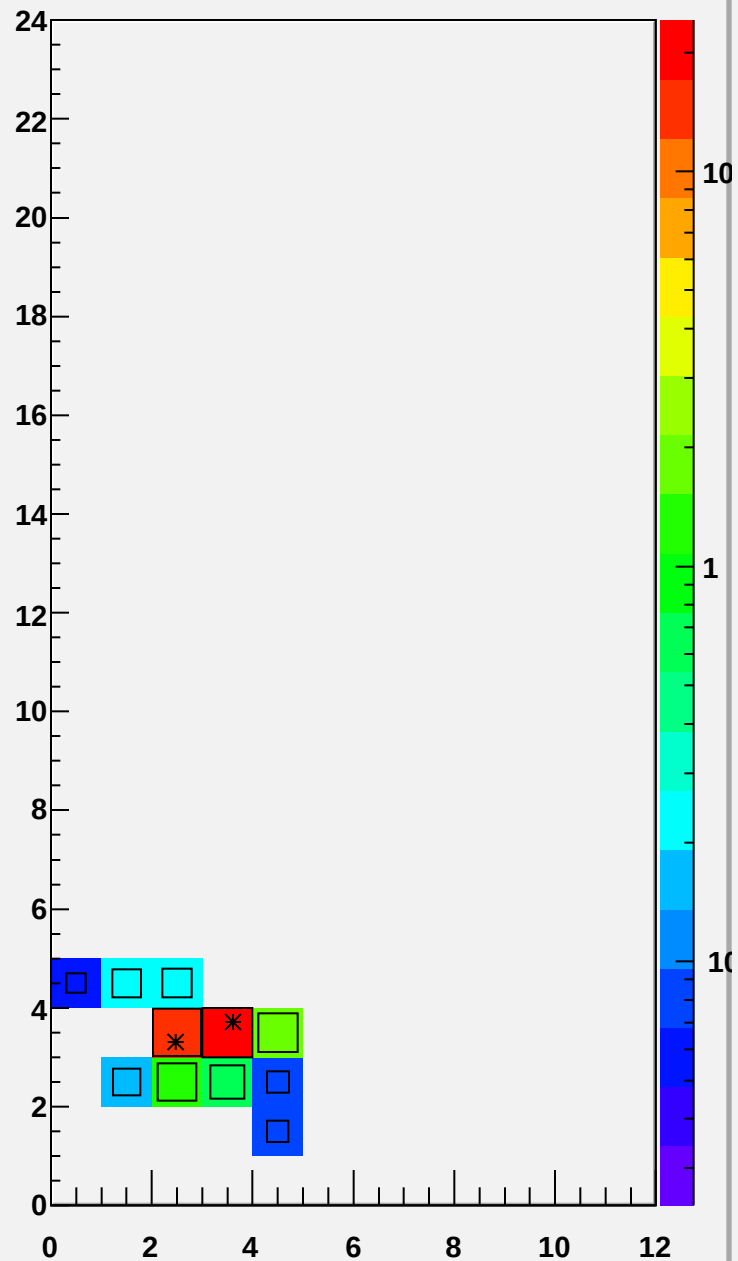
Fitted Energies



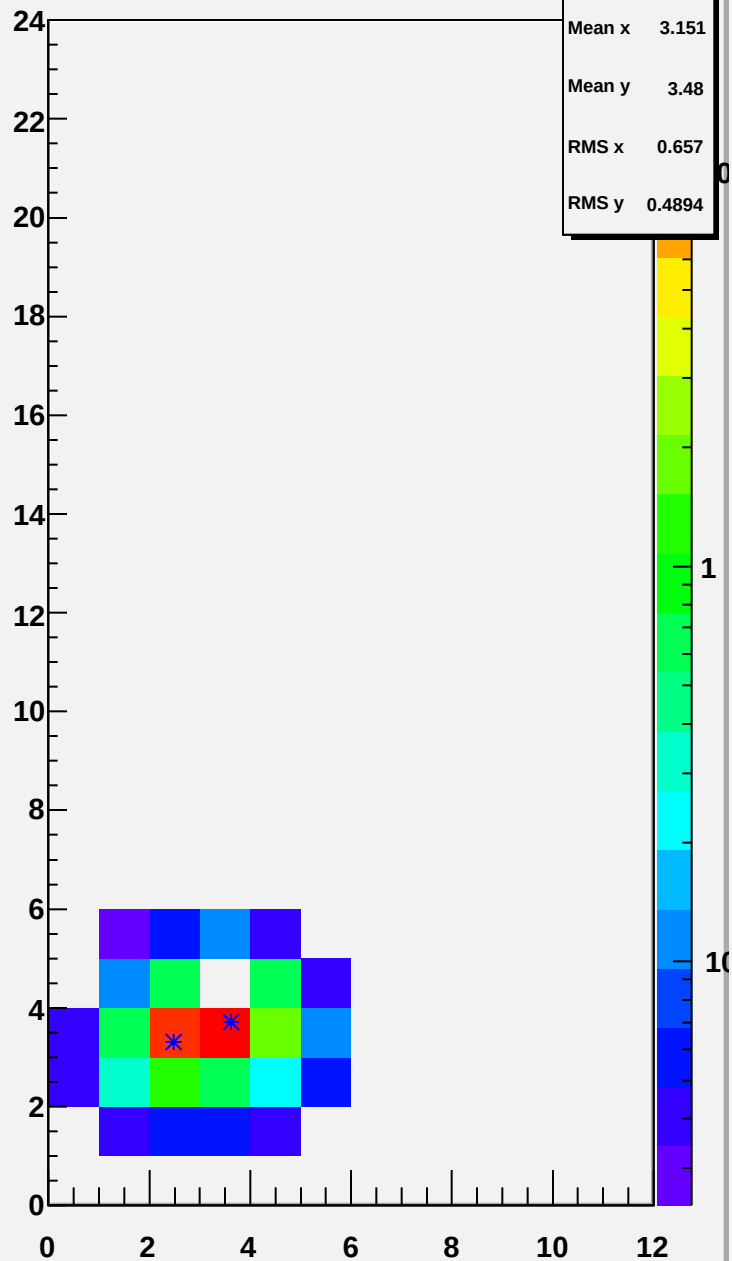
Efit

Entries	288
Mean x	2.67
Mean y	3.412
RMS x	0.4971
RMS y	0.5934

NSTB3_r4_c3_En=42.7_m0=0.148 m1=0.148 index=1111



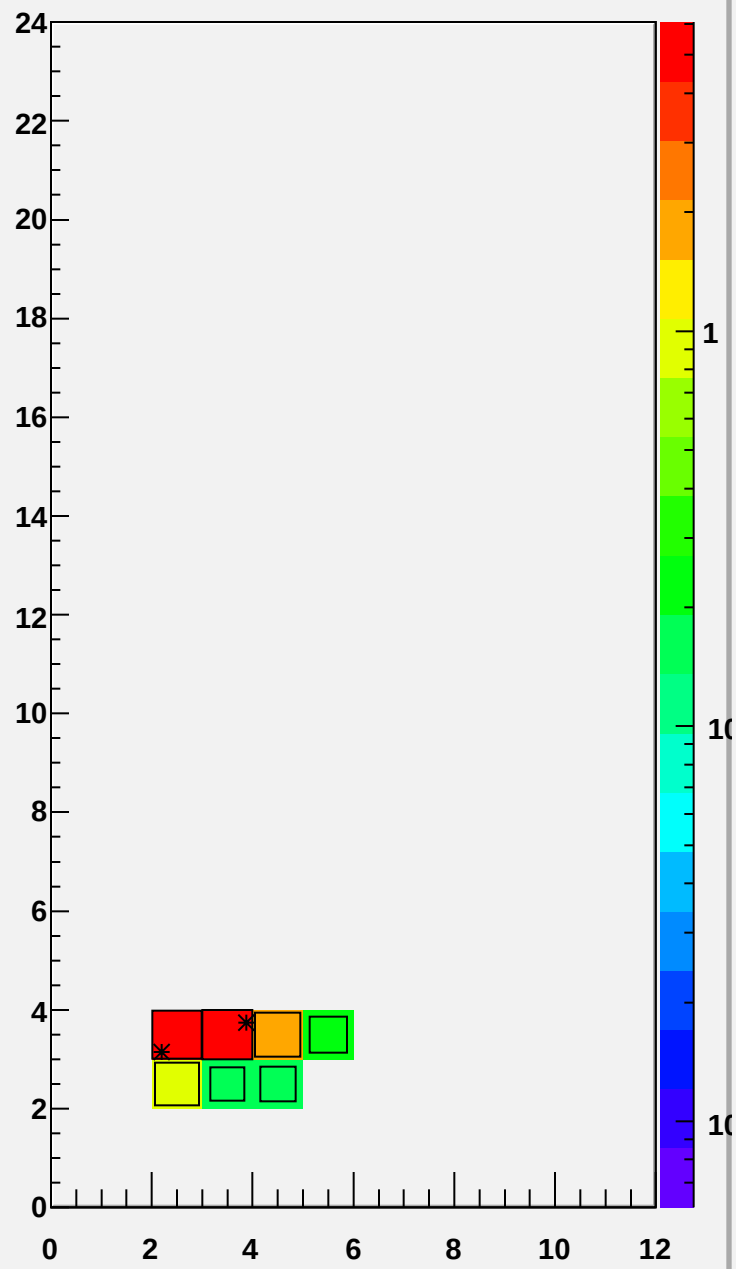
Fitted Energies



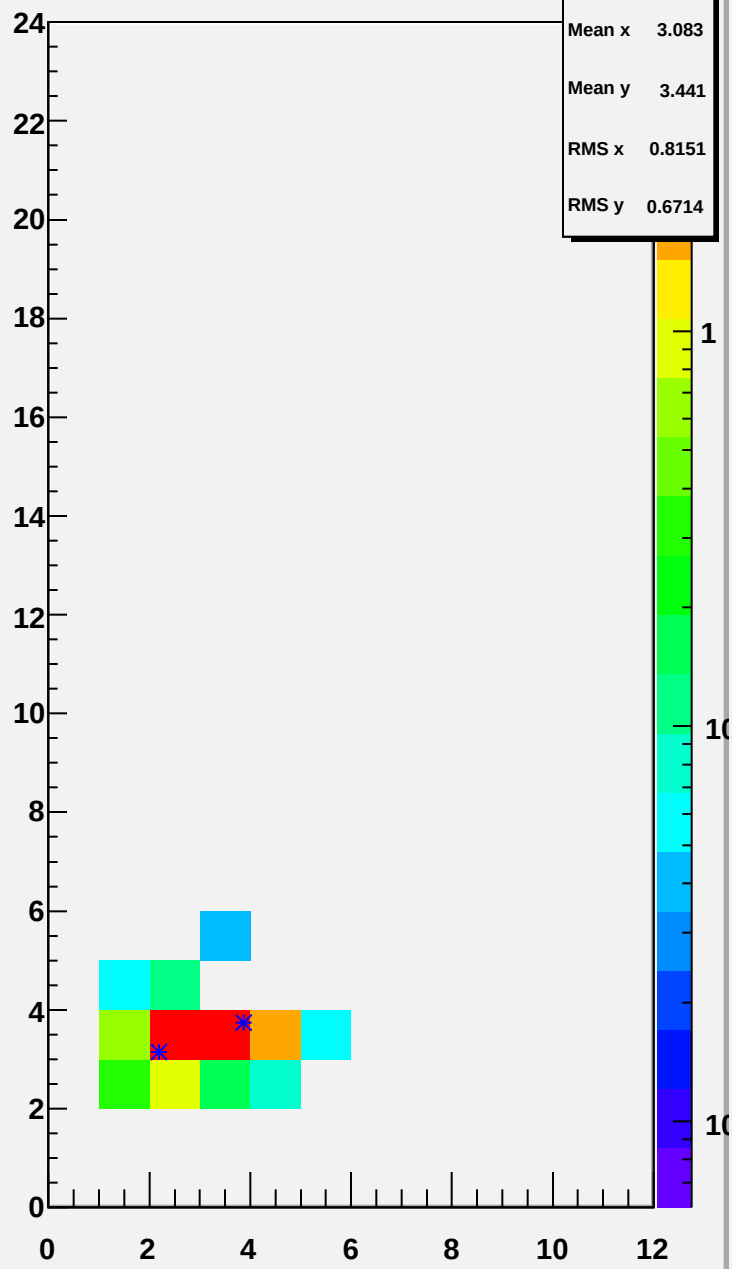
Efit

Entries	288
Mean x	3.151
Mean y	3.48
RMS x	0.657
RMS y	0.4894

NSTB3_r4_c3_En=13.8_m0=0.078 m1=0.078 index=1113



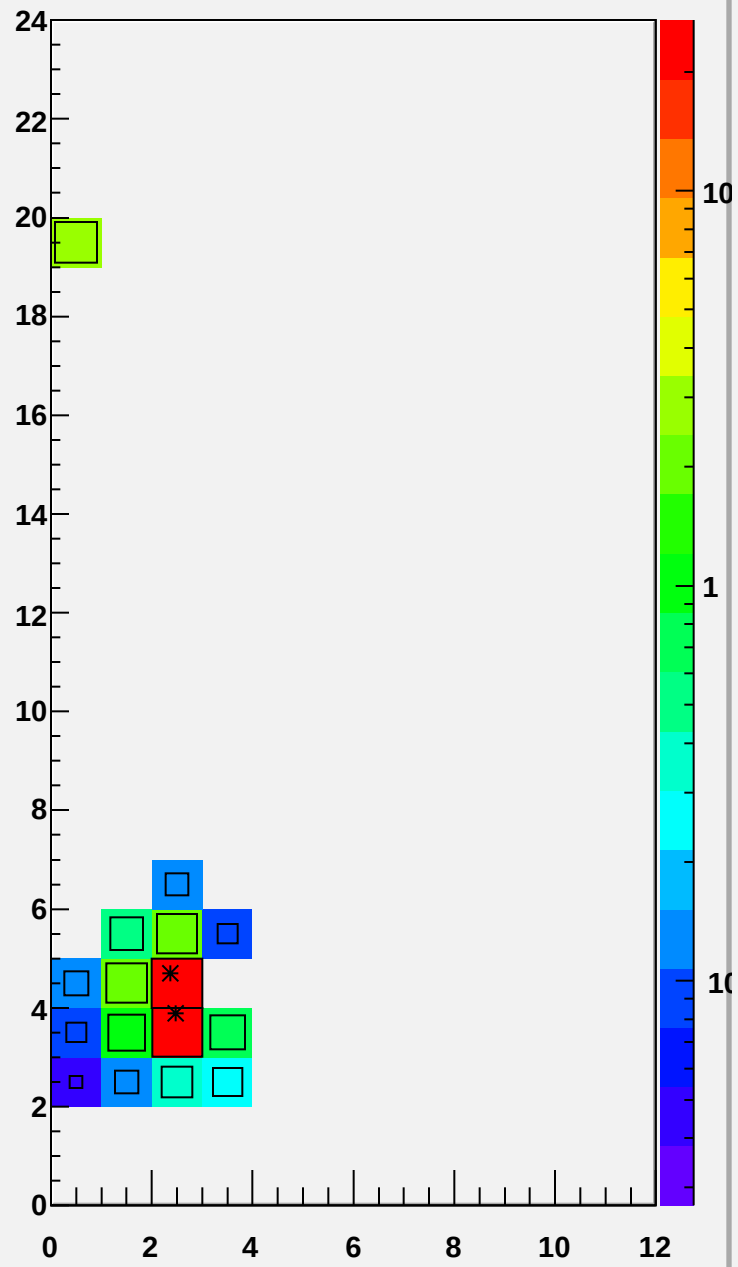
Fitted Energies



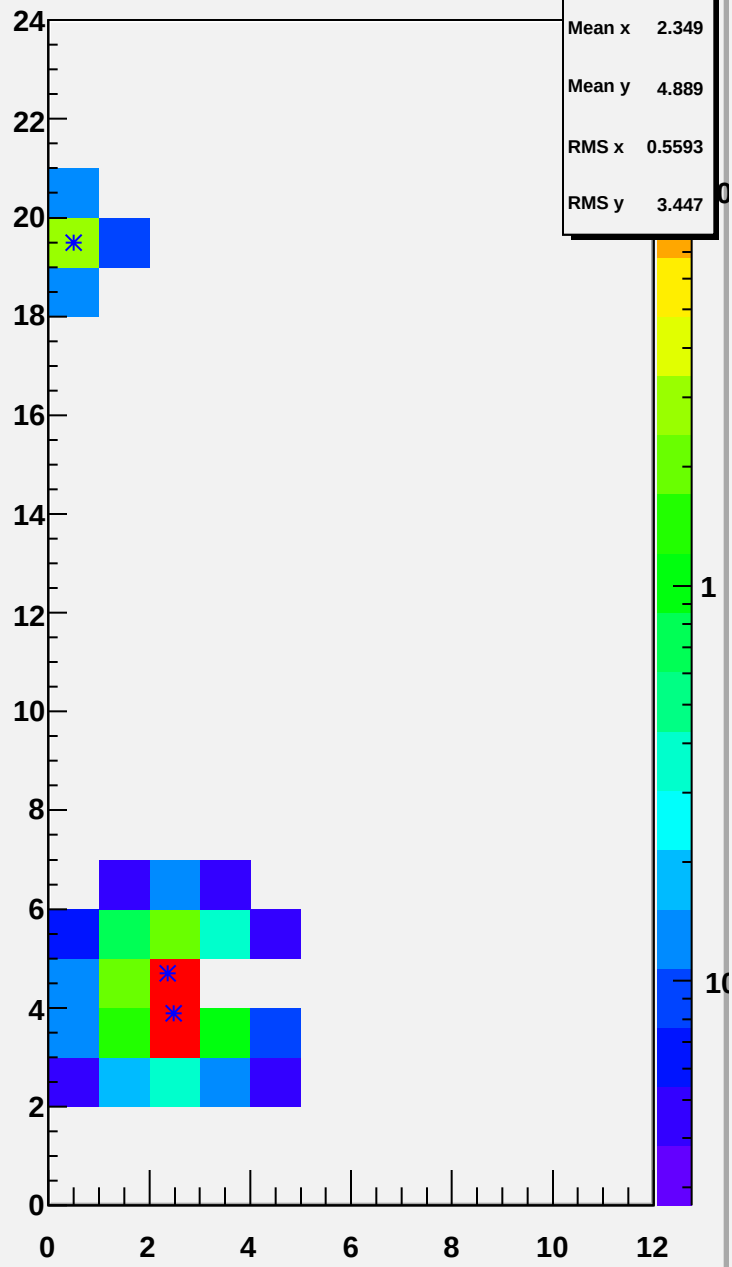
Efit

Entries	288
Mean x	3.083
Mean y	3.441
RMS x	0.8151
RMS y	0.6714

NSTB3_r4_c3_En=62.0_m0=0.136 m1=0.135 index=1114



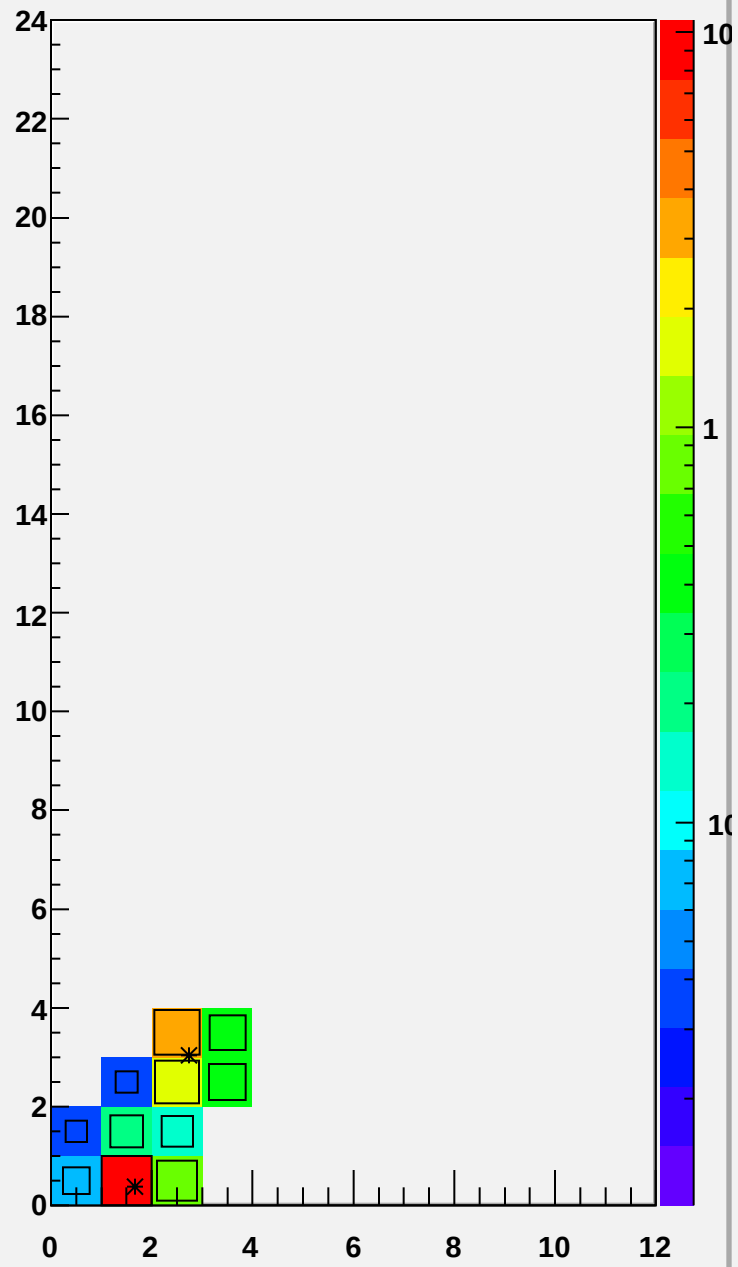
Fitted Energies



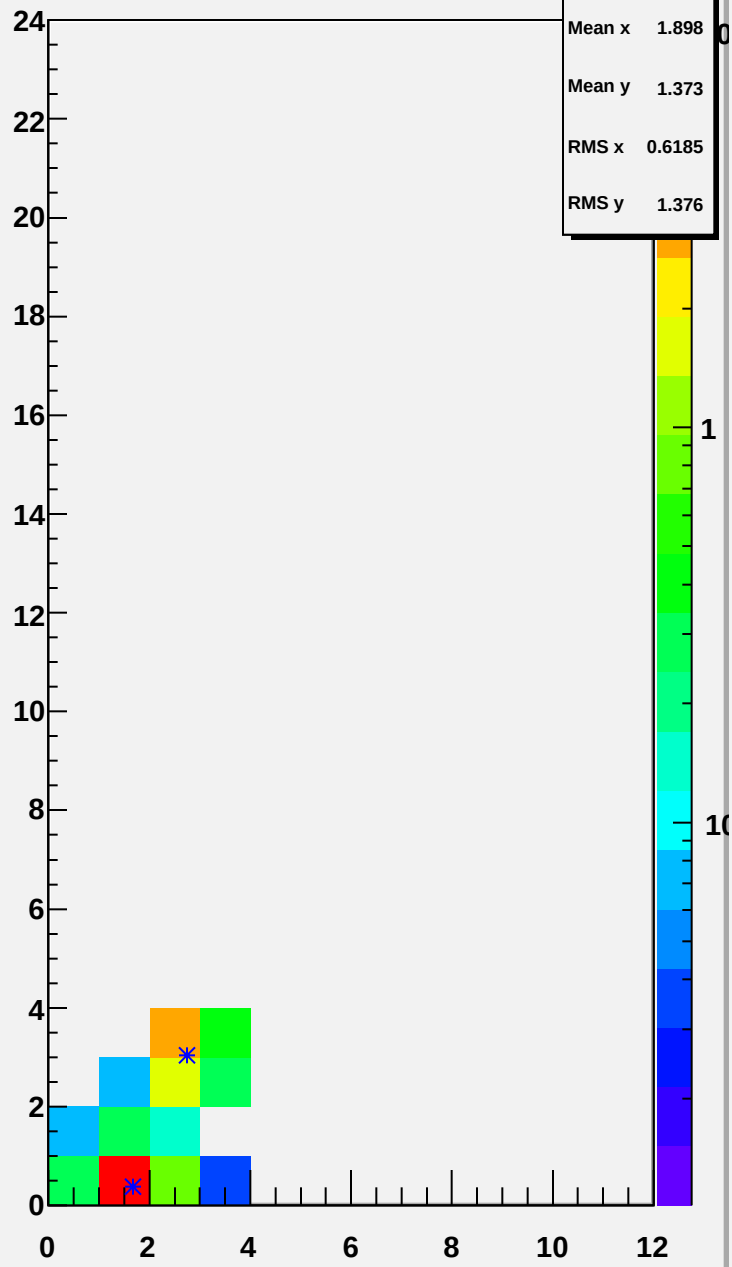
Efit

Entries	288
Mean x	2.349
Mean y	4.889
RMS x	0.5593
RMS y	3.447

NSTB3_r4_c3_En=17.7_m0=0.141 m1=0.141 index=1115



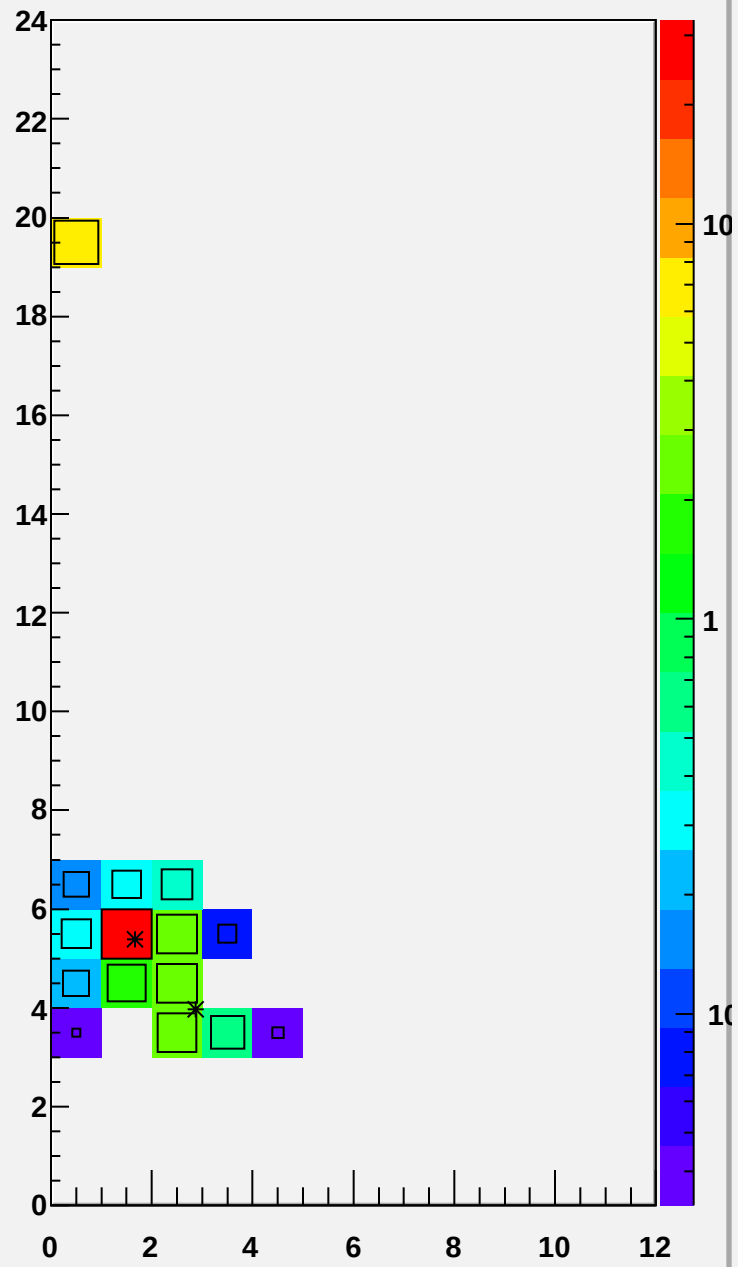
Fitted Energies



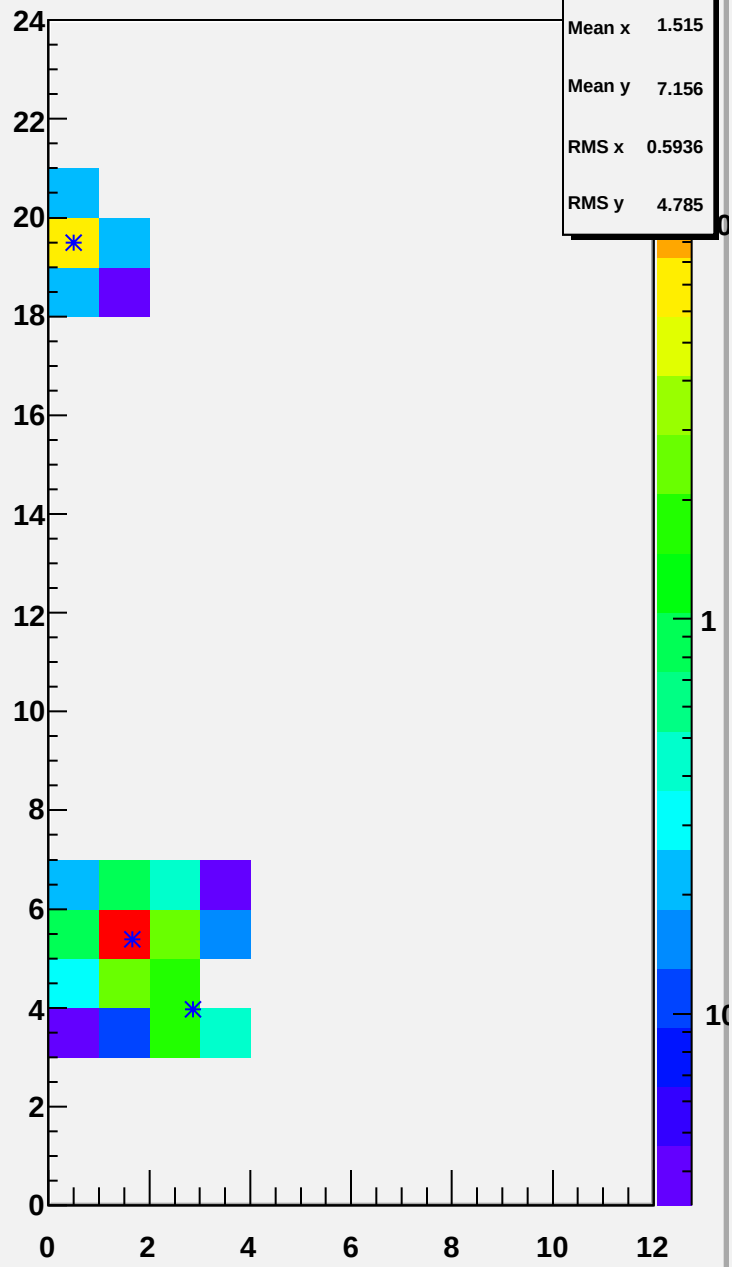
Efit

Entries	288
Mean x	1.898
Mean y	1.373
RMS x	0.6185
RMS y	1.376

NSTB3_r4_c3_En=49.7_m0=0.135 m1=0.135 index=1116



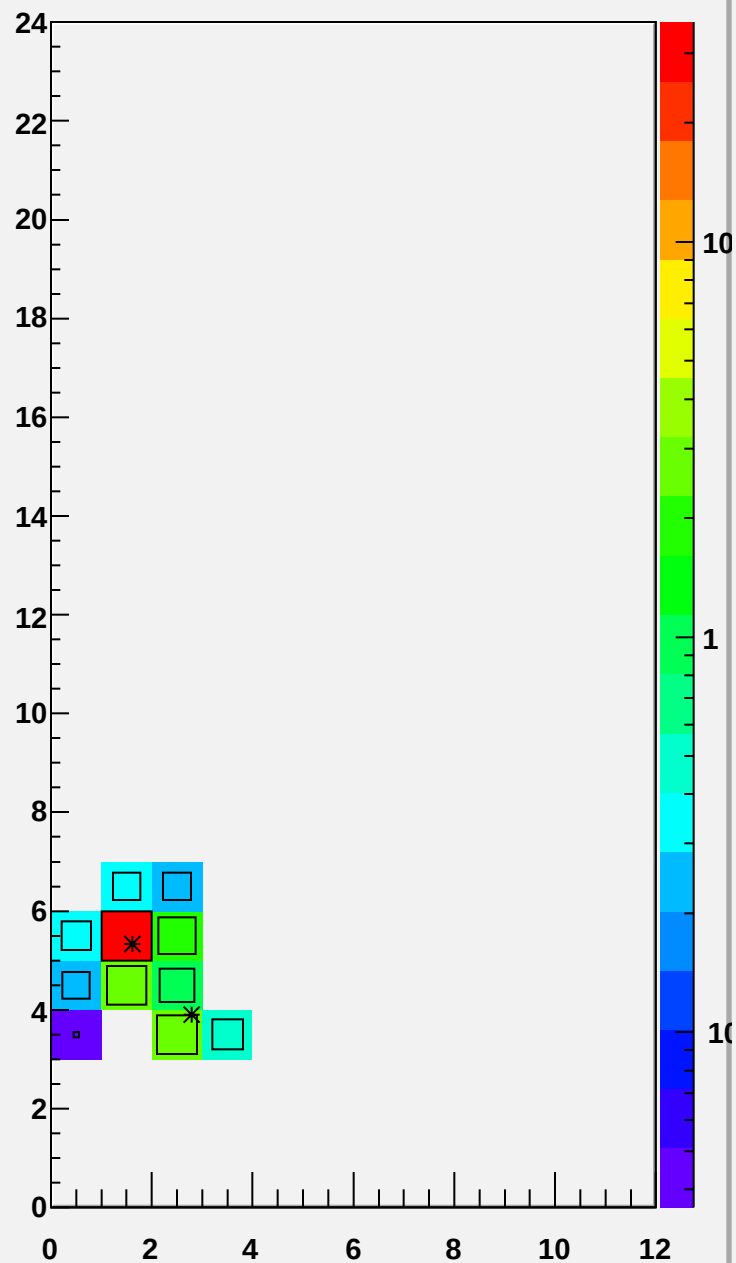
Fitted Energies



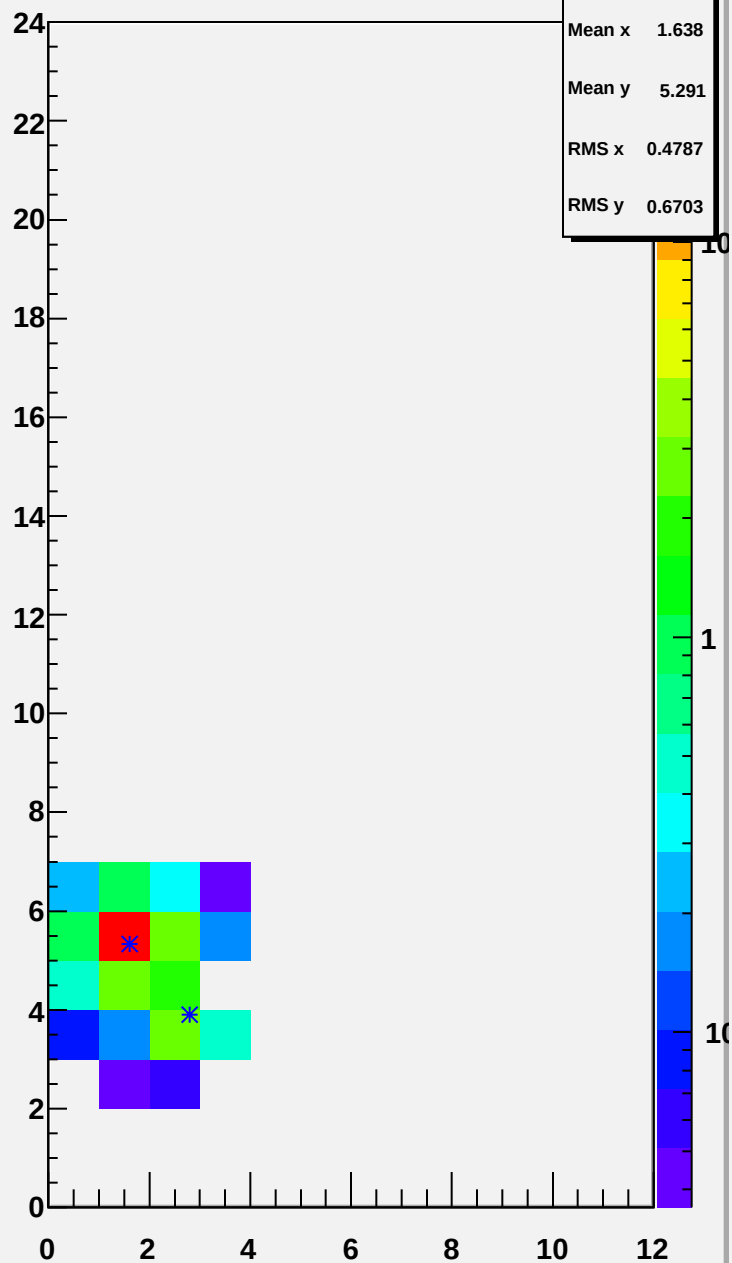
Efit

Entries	288
Mean x	1.515
Mean y	7.156
RMS x	0.5936
RMS y	4.785

NSTB3_r4_c3_En=45.5_m0=0.144 m1=0.144 index=1117



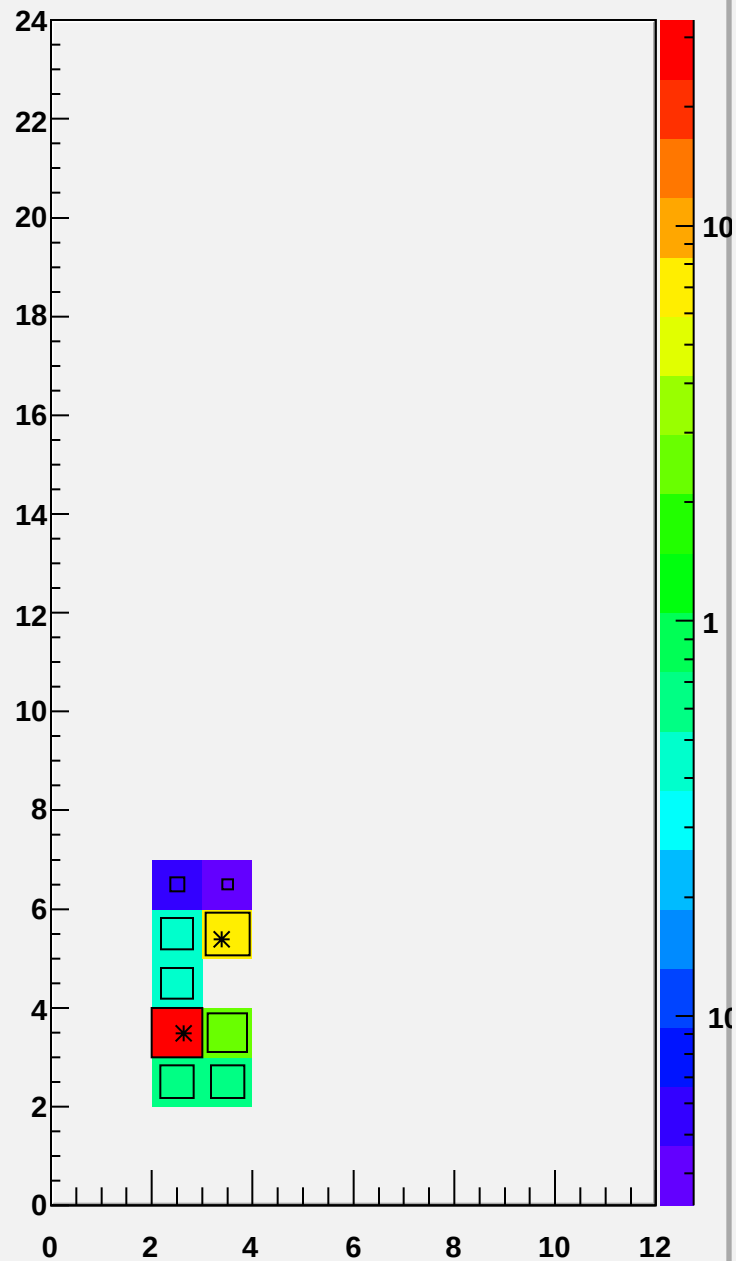
Fitted Energies



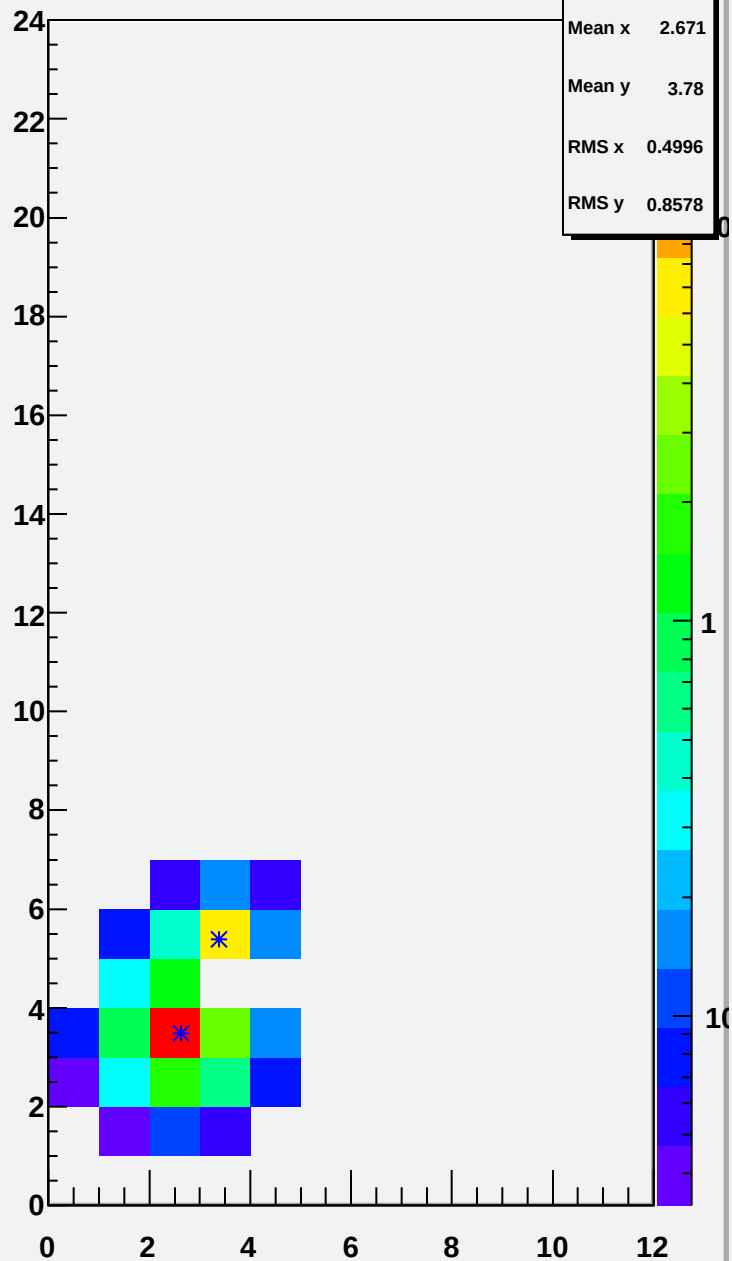
Efit

Entries	288
Mean x	1.638
Mean y	5.291
RMS x	0.4787
RMS y	0.6703

NSTB3_r4_c3_En=44.0_m0=0.195 m1=0.196 index=1118



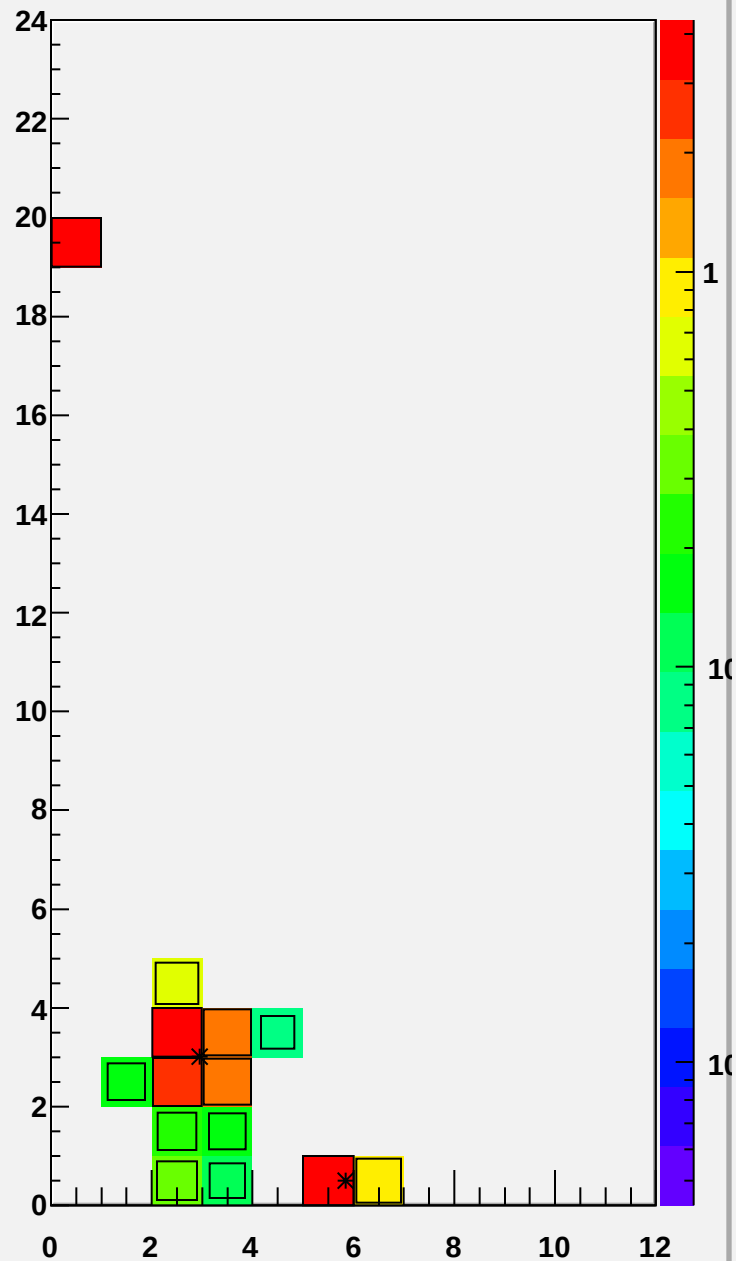
Fitted Energies



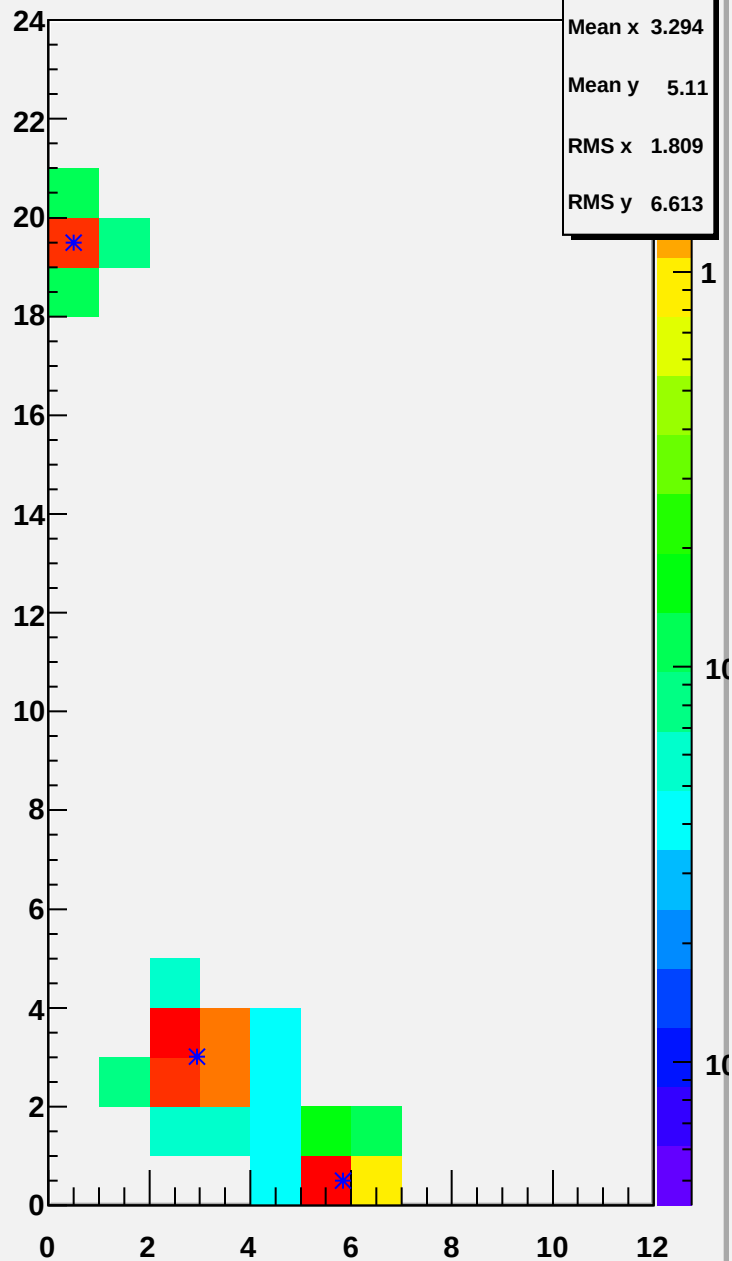
Efit

Entries	288
Mean x	2.671
Mean y	3.78
RMS x	0.4996
RMS y	0.8578

NSTB3_r4_c3_En=20.1_m0=0.167 m1=0.167 index=1119



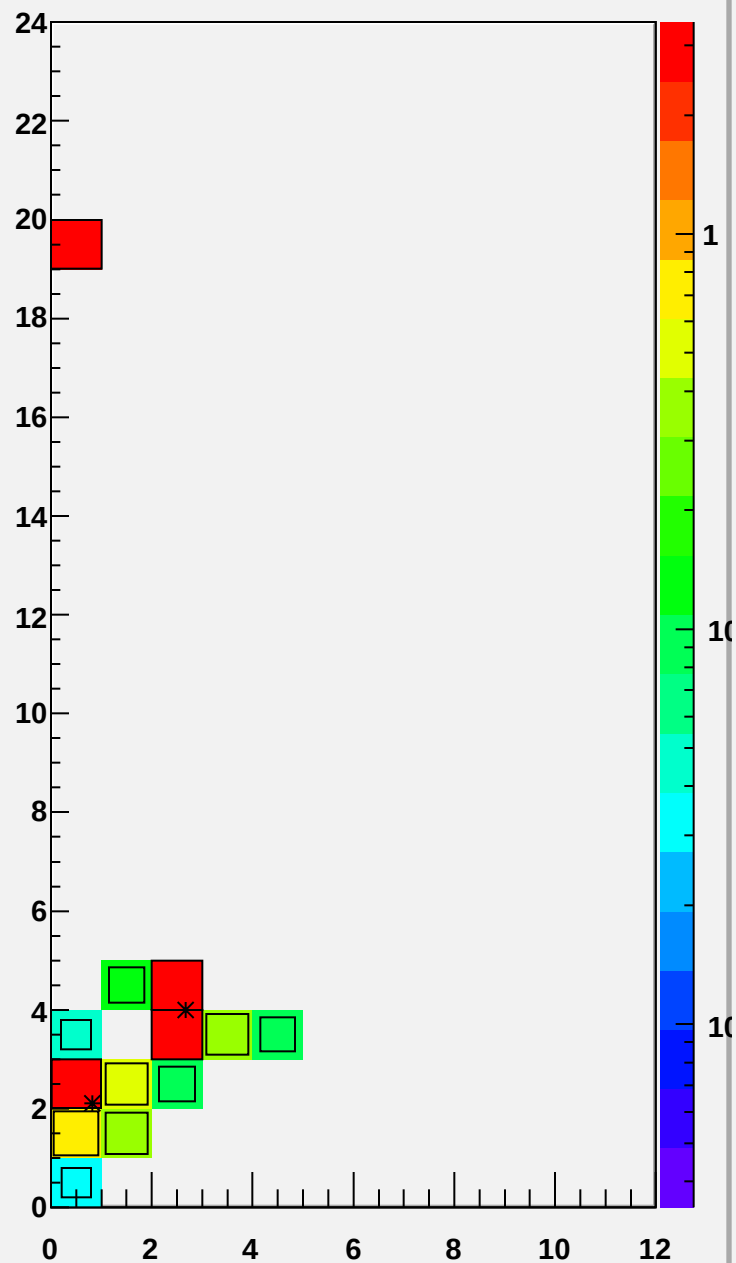
Fitted Energies



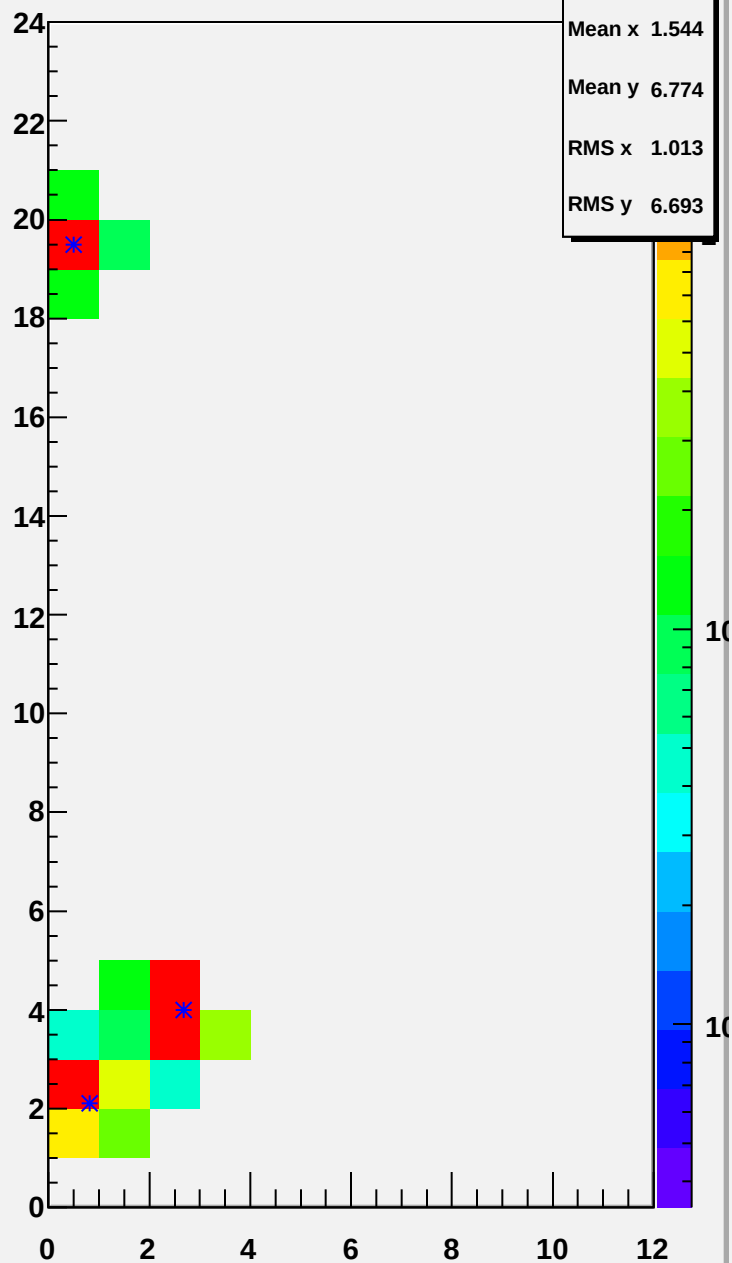
Efit

Entries 288
Mean x 3.294
Mean y 5.11
RMS x 1.809
RMS y 6.613

NSTB3_r4_c3_En=15.2_m0=0.091 m1=0.091 index=1120



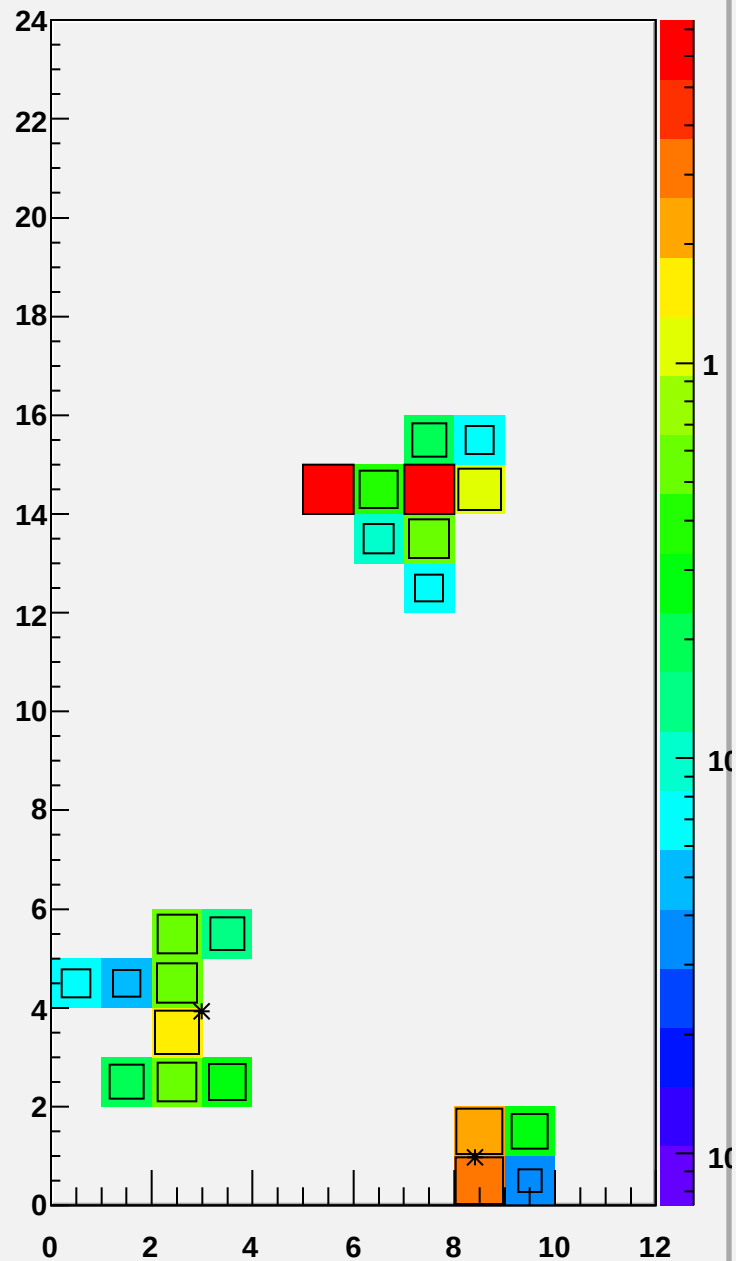
Fitted Energies



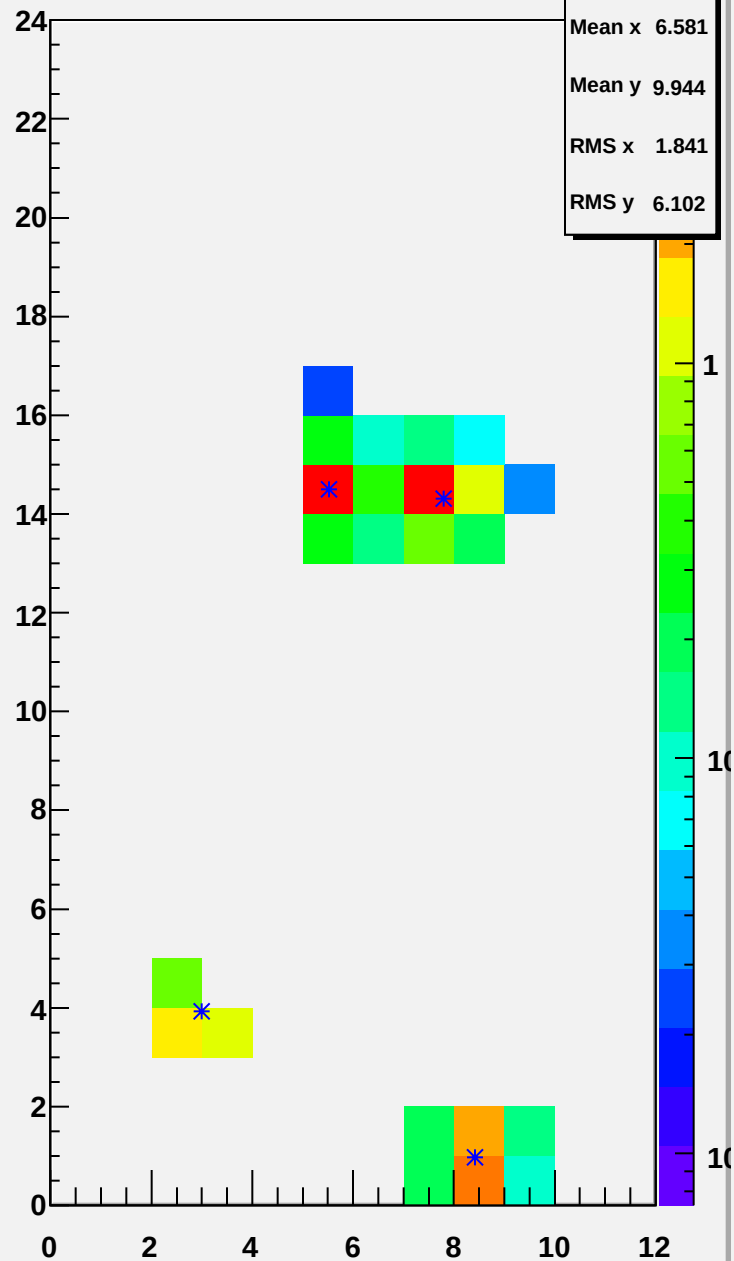
Efit

Entries 288
Mean x 1.544
Mean y 6.774
RMS x 1.013
RMS y 6.693

NSTB3_r4_c3_En=25.9_m0=0.176_m1=0.176_index=1121



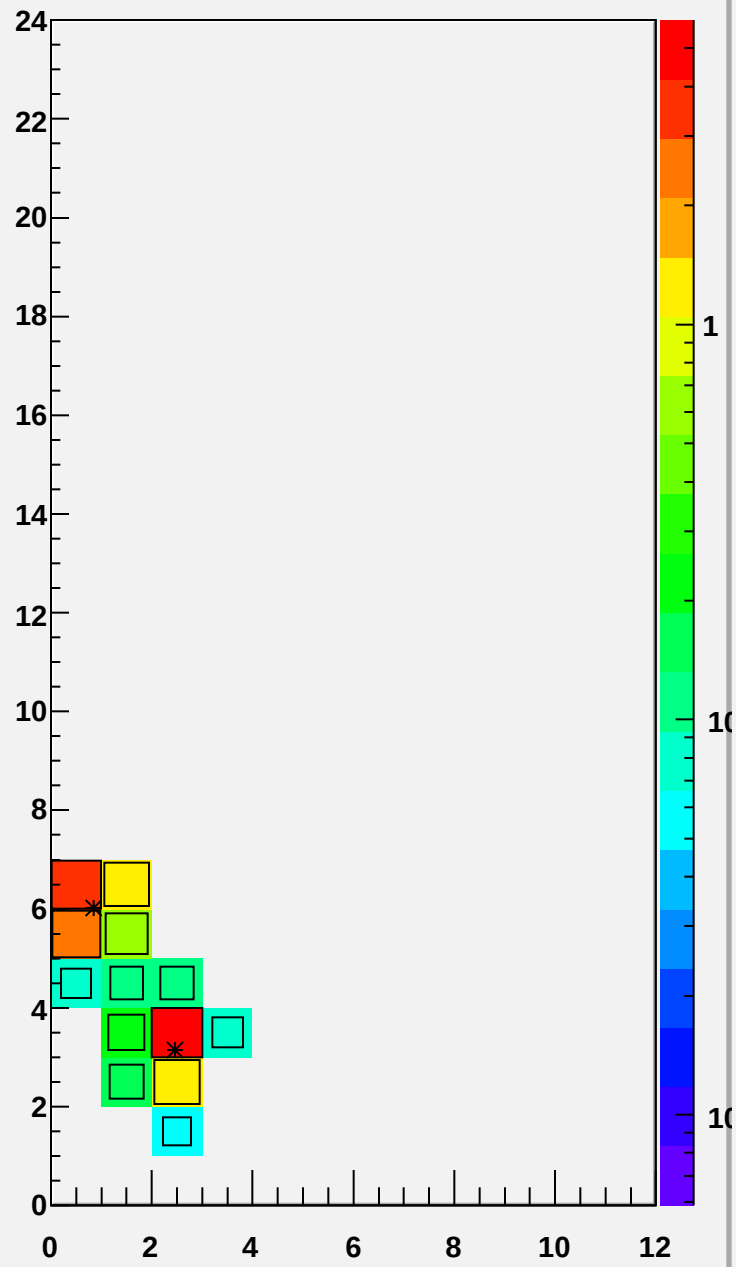
Fitted Energies



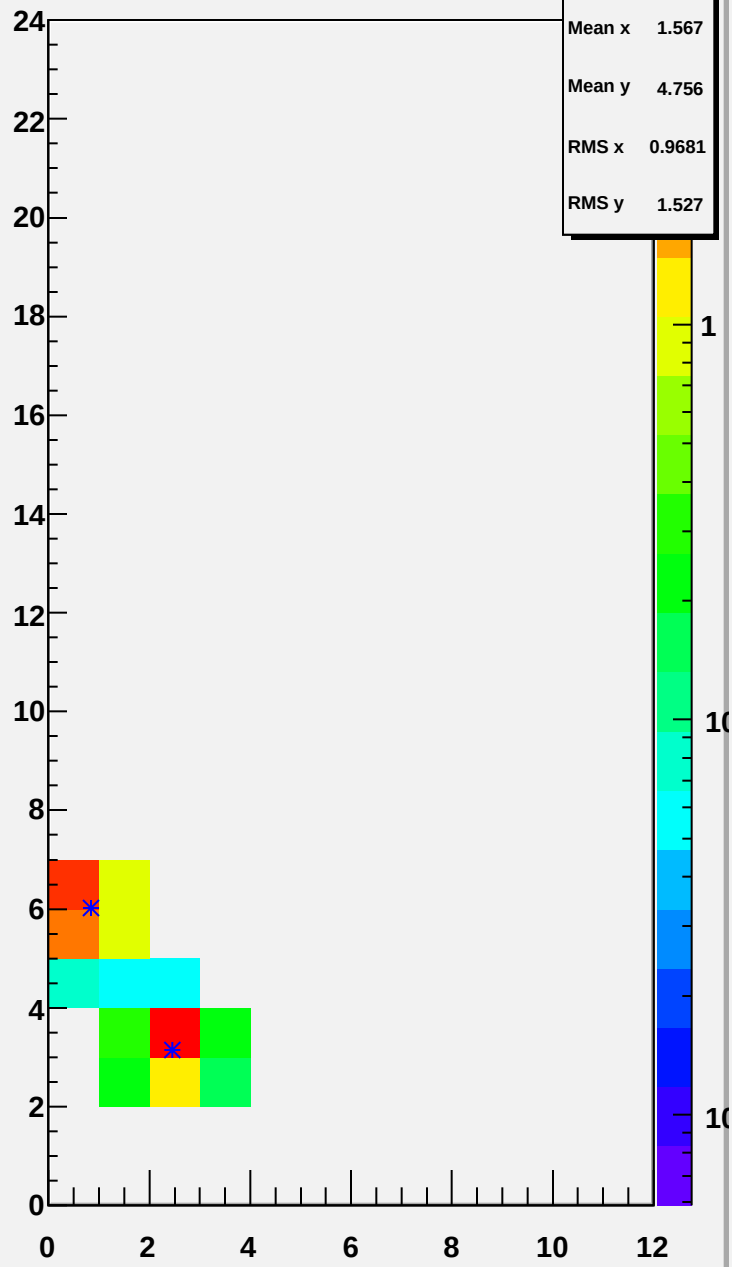
Efit

Entries 288
Mean x 6.581
Mean y 9.944
RMS x 1.841
RMS y 6.102

NSTB3_r4_c3_En=16.8_m0=0.161 m1=0.161 index=1122



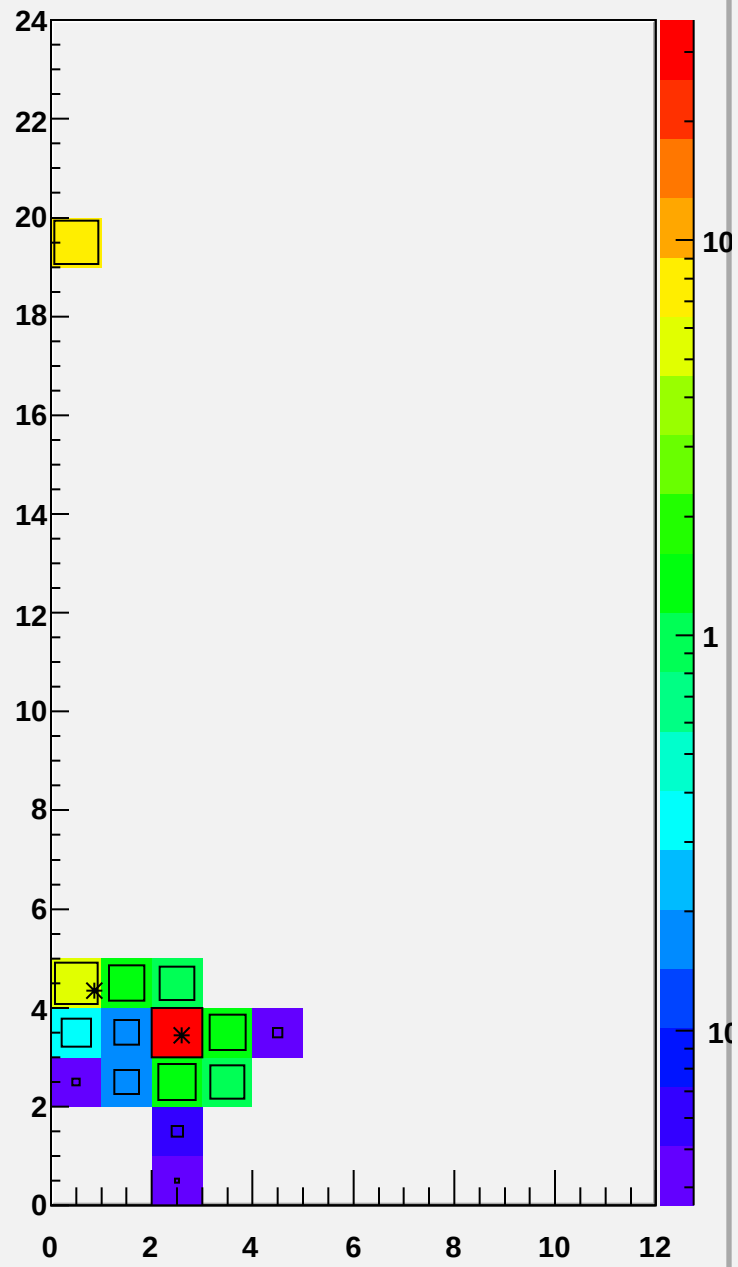
Fitted Energies



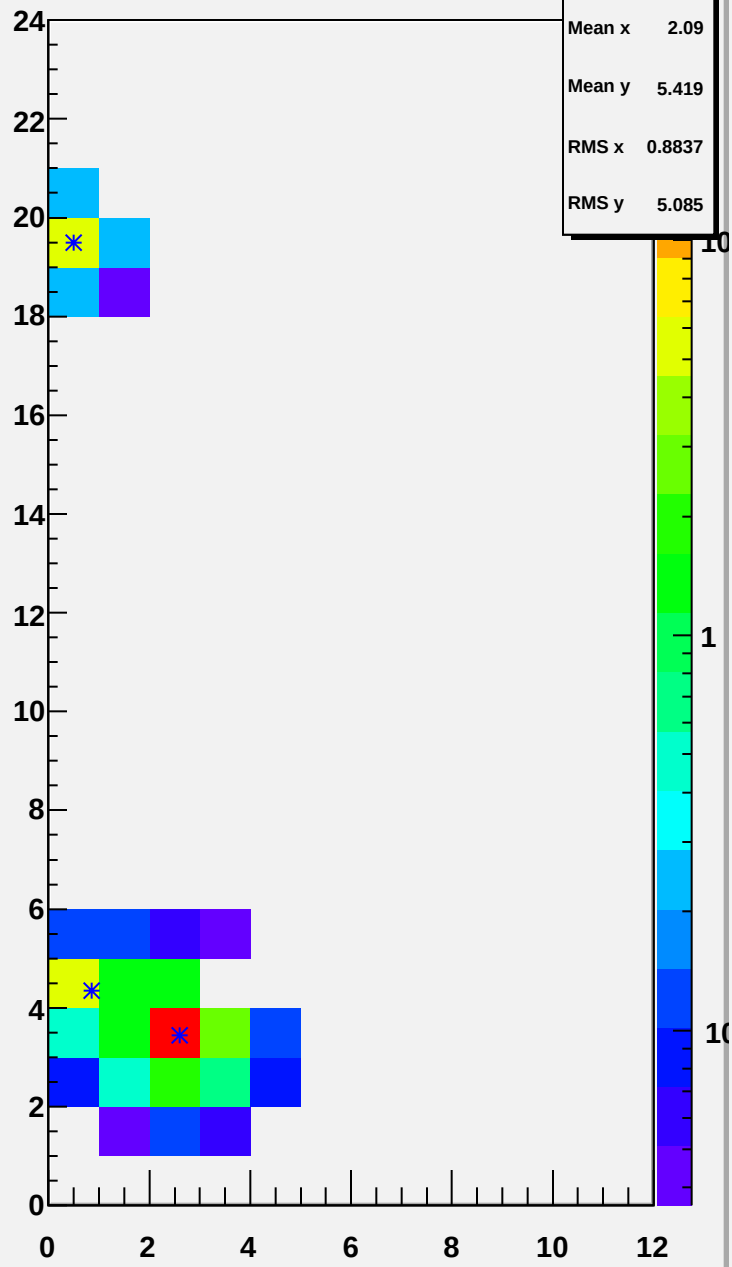
Efit

Entries	288
Mean x	1.567
Mean y	4.756
RMS x	0.9681
RMS y	1.527

NSTB3_r4_c3_En=53.8_m0=0.186 m1=0.185 index=1123



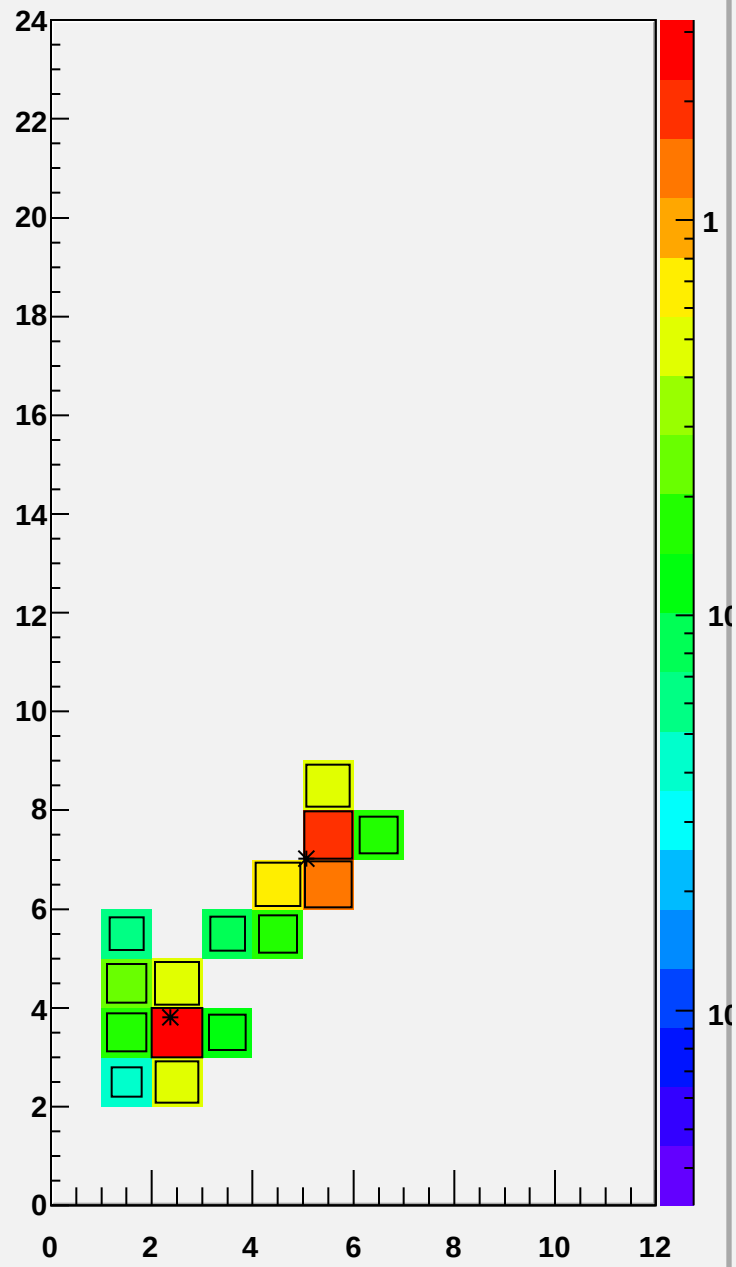
Fitted Energies



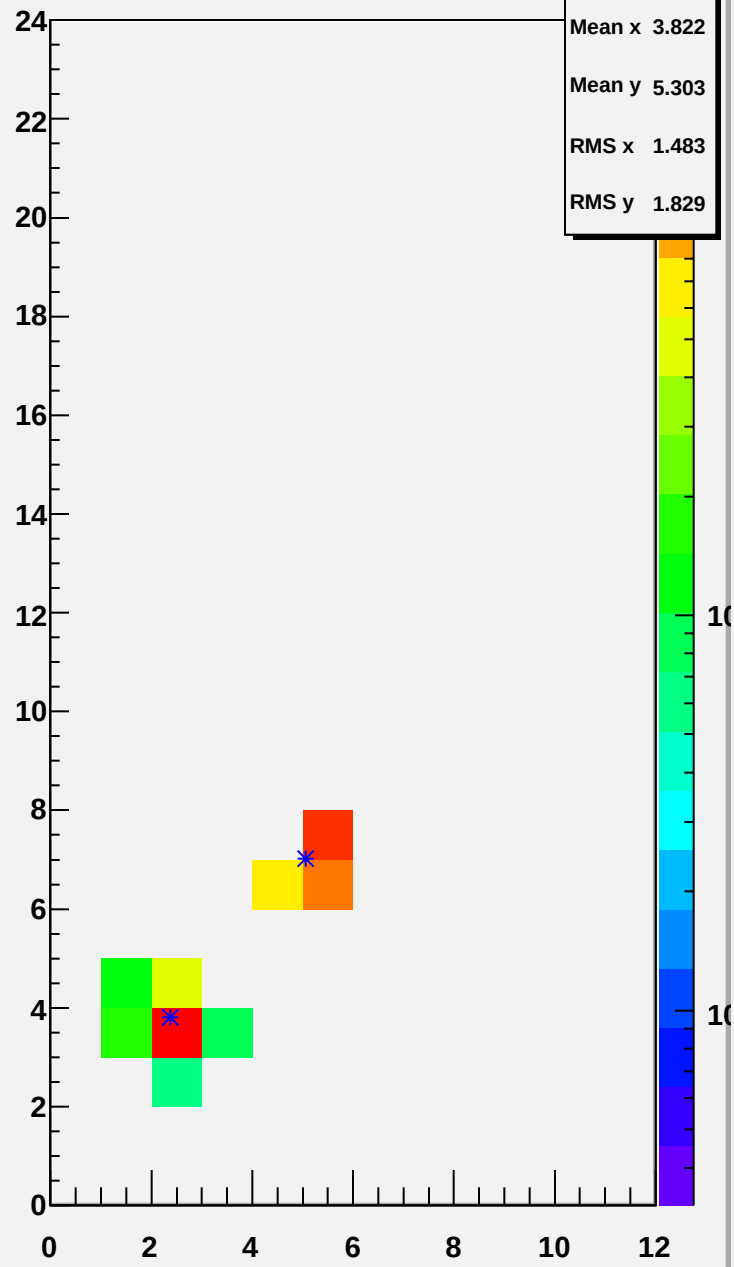
Efit

Entries	288
Mean x	2.09
Mean y	5.419
RMS x	0.8837
RMS y	5.085

NSTB3_r4_c3_En= 9.7_m0=0.112 m1=0.112 index=1124



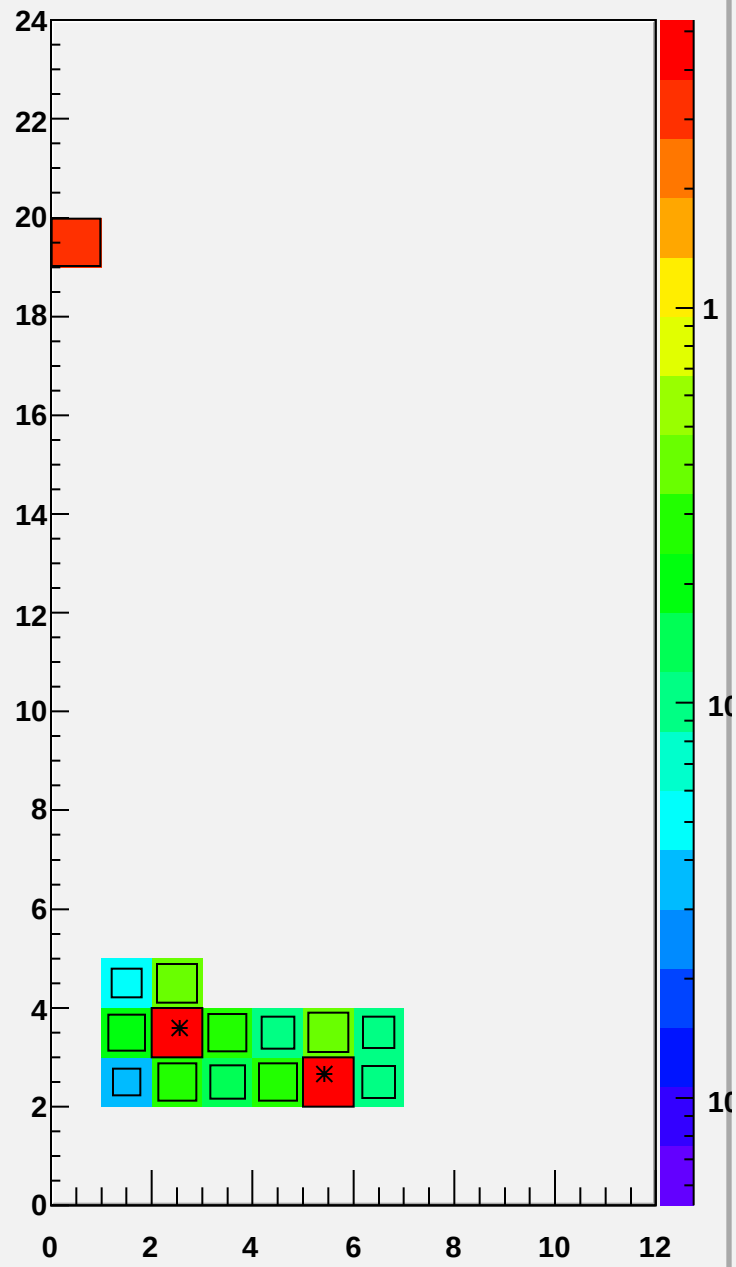
Fitted Energies



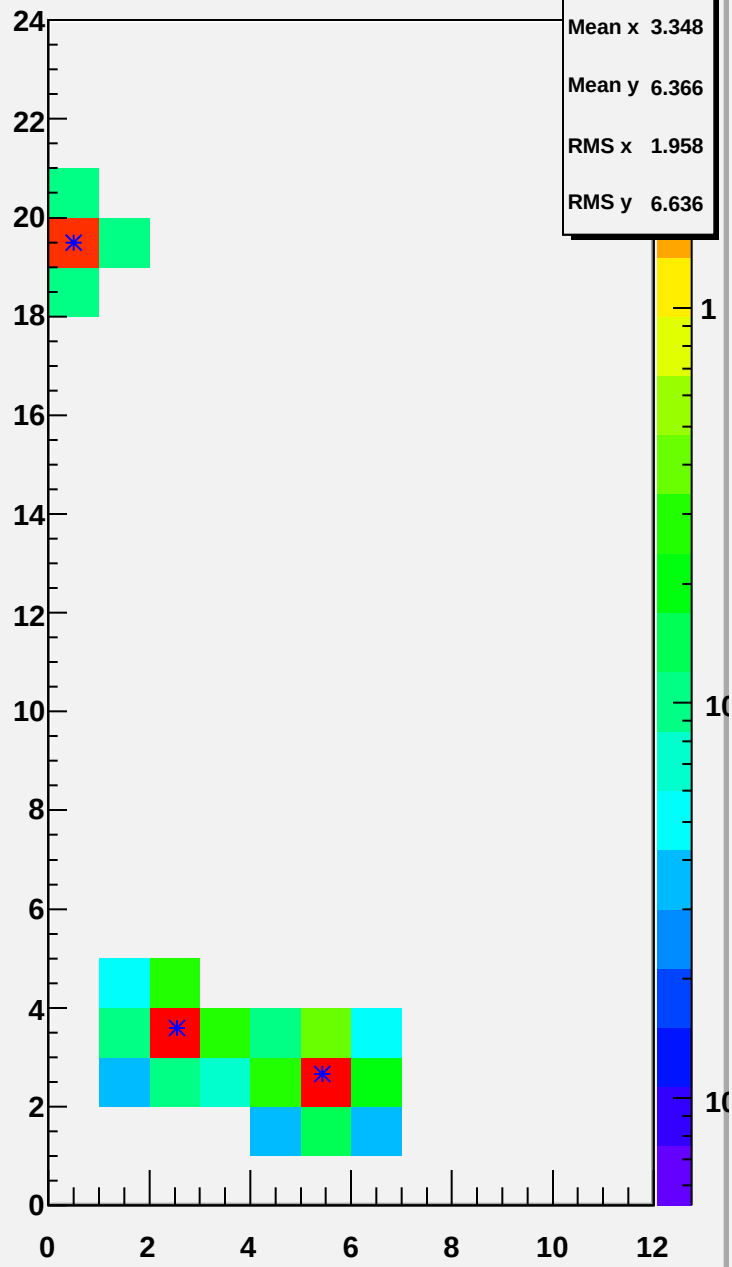
Efit

Entries 288
Mean x 3.822
Mean y 5.303
RMS x 1.483
RMS y 1.829

NSTB3_r4_c3_En=16.0_m0=0.107 m1=0.107 index=1125



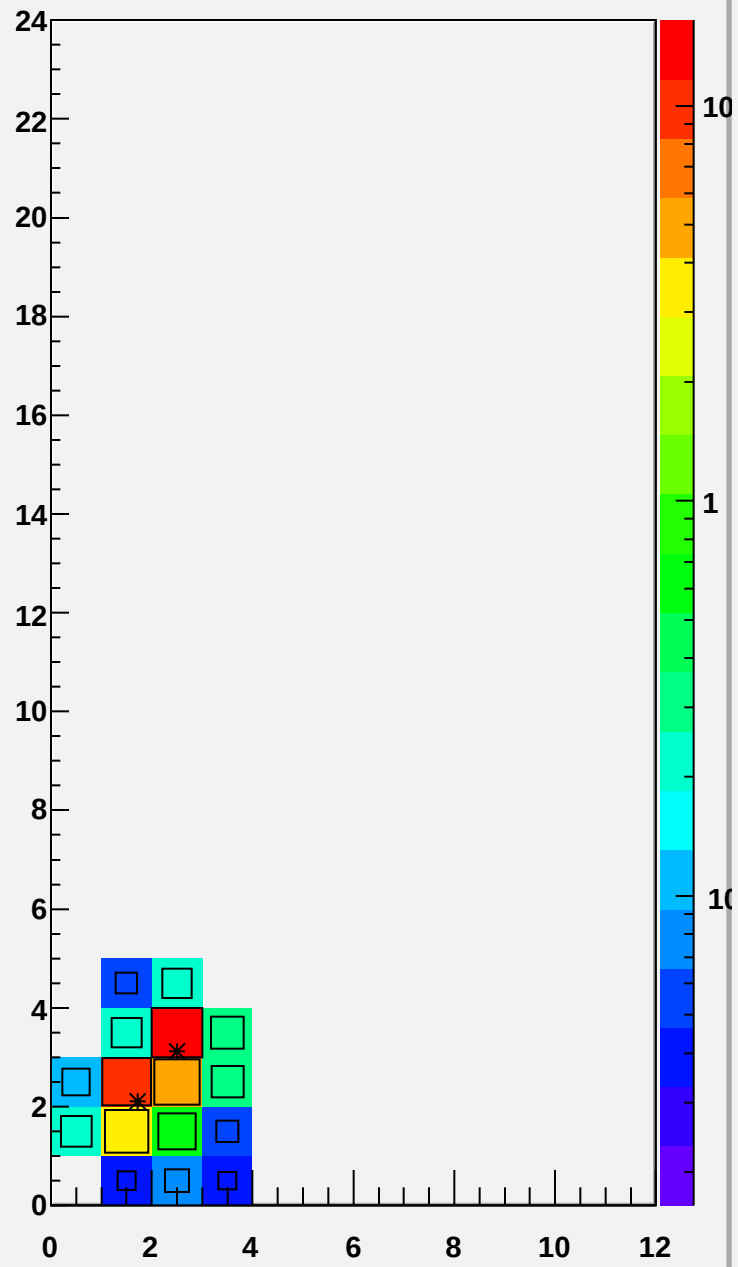
Fitted Energies



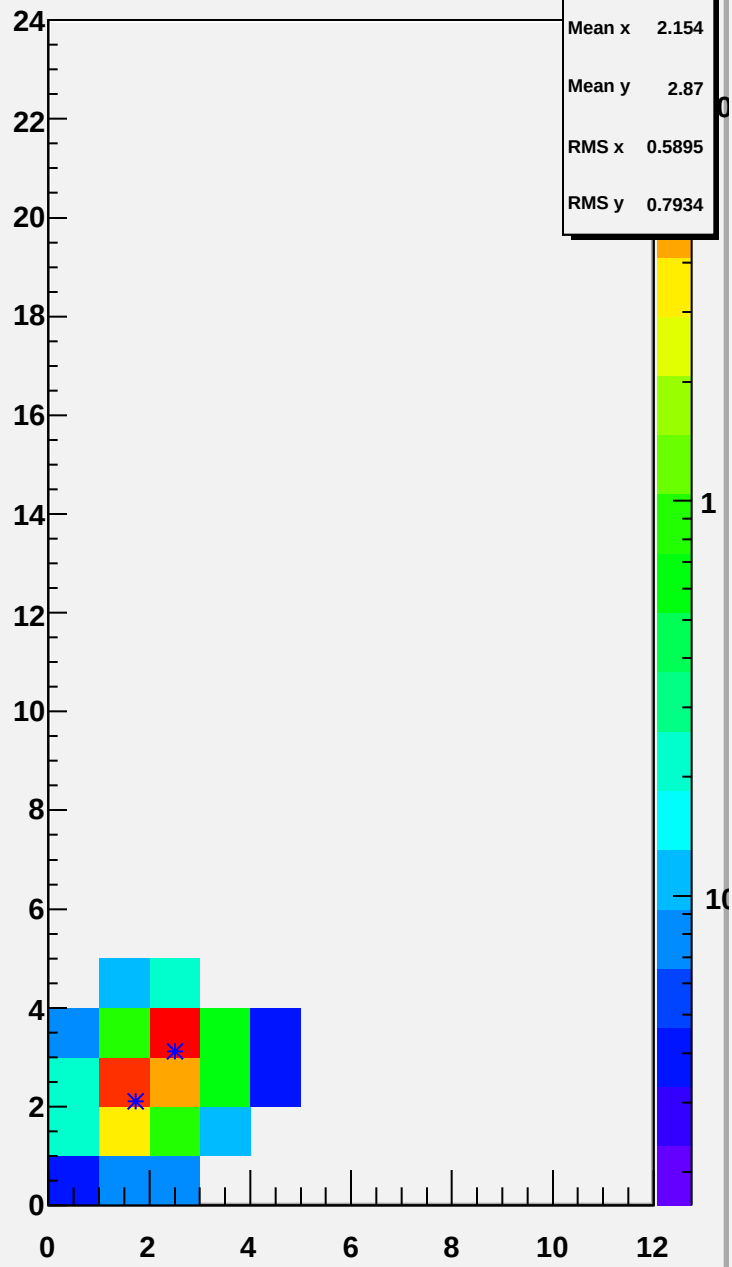
Efit

Entries 288
Mean x 3.348
Mean y 6.366
RMS x 1.958
RMS y 6.636

NSTB3_r4_c3_En=36.2_m0=0.135 m1=0.135 index=1126



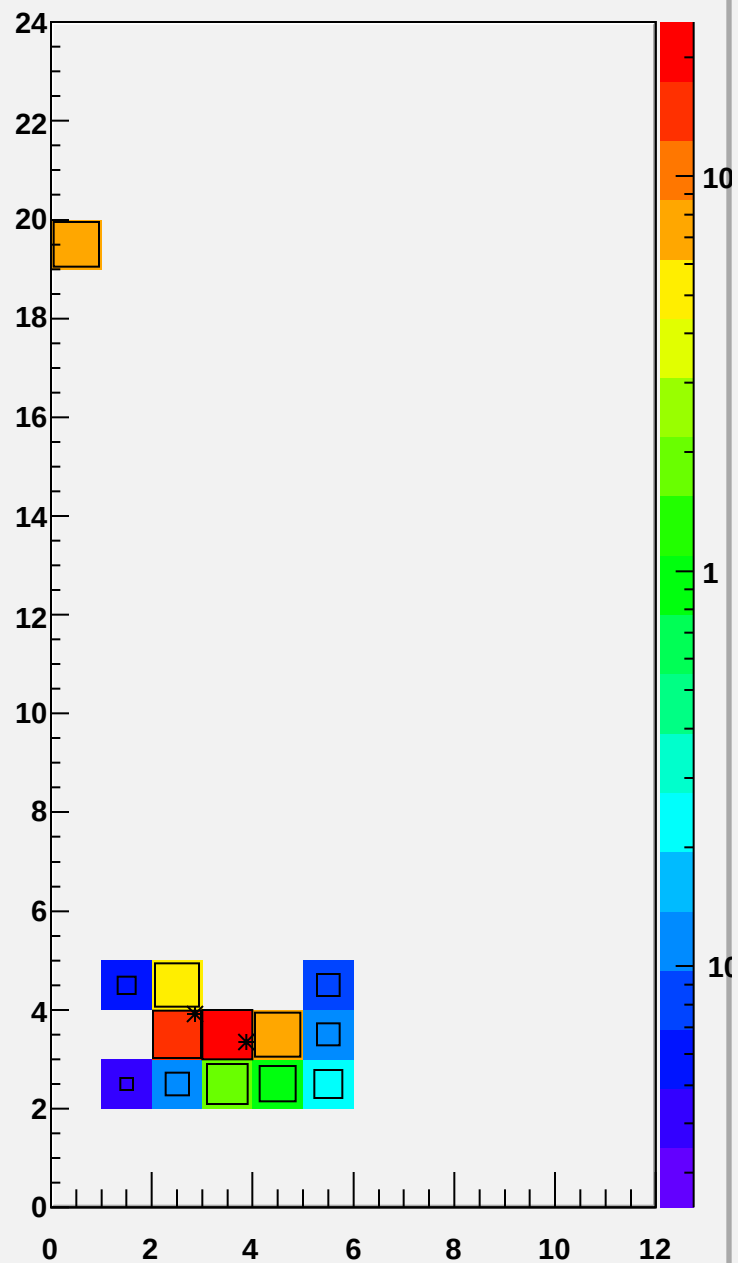
Fitted Energies



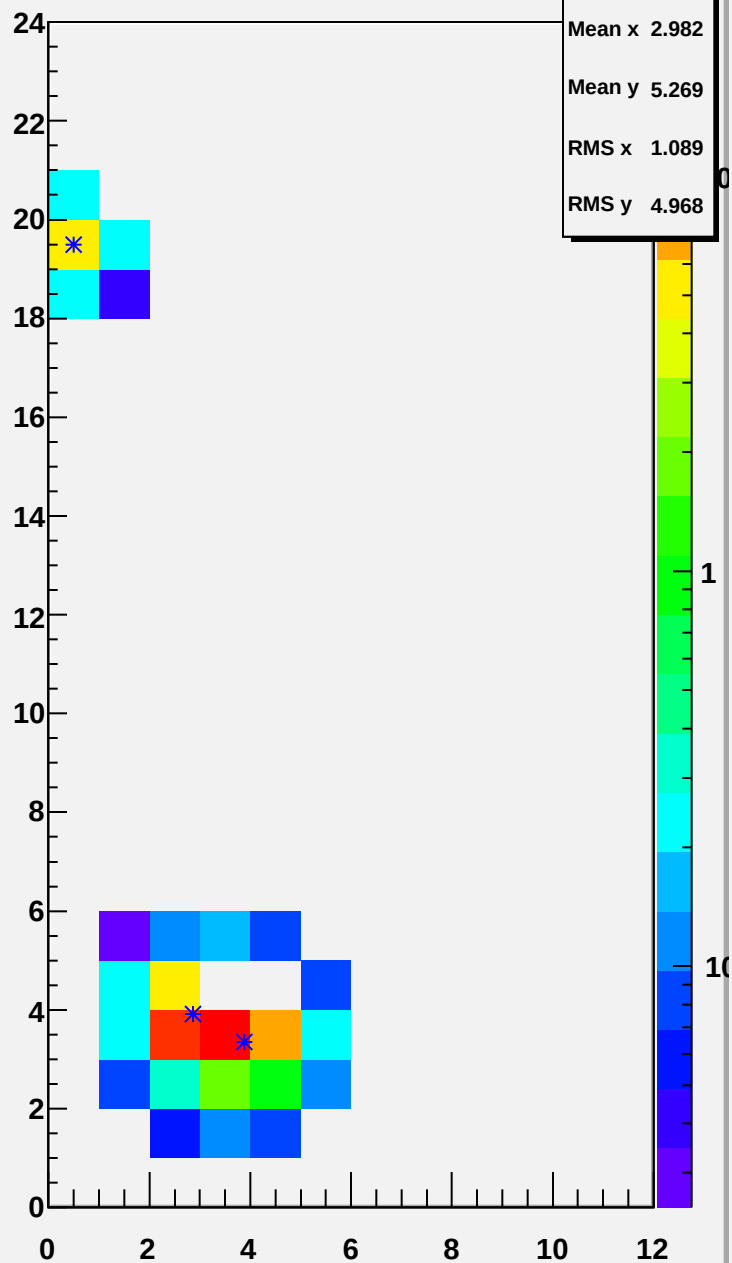
Efit

Entries	288
Mean x	2.154
Mean y	2.87
RMS x	0.5895
RMS y	0.7934

NSTB3_r4_c3_En=60.0_m0=0.180 m1=0.180 index=1127



Fitted Energies



Efit

Entries 288

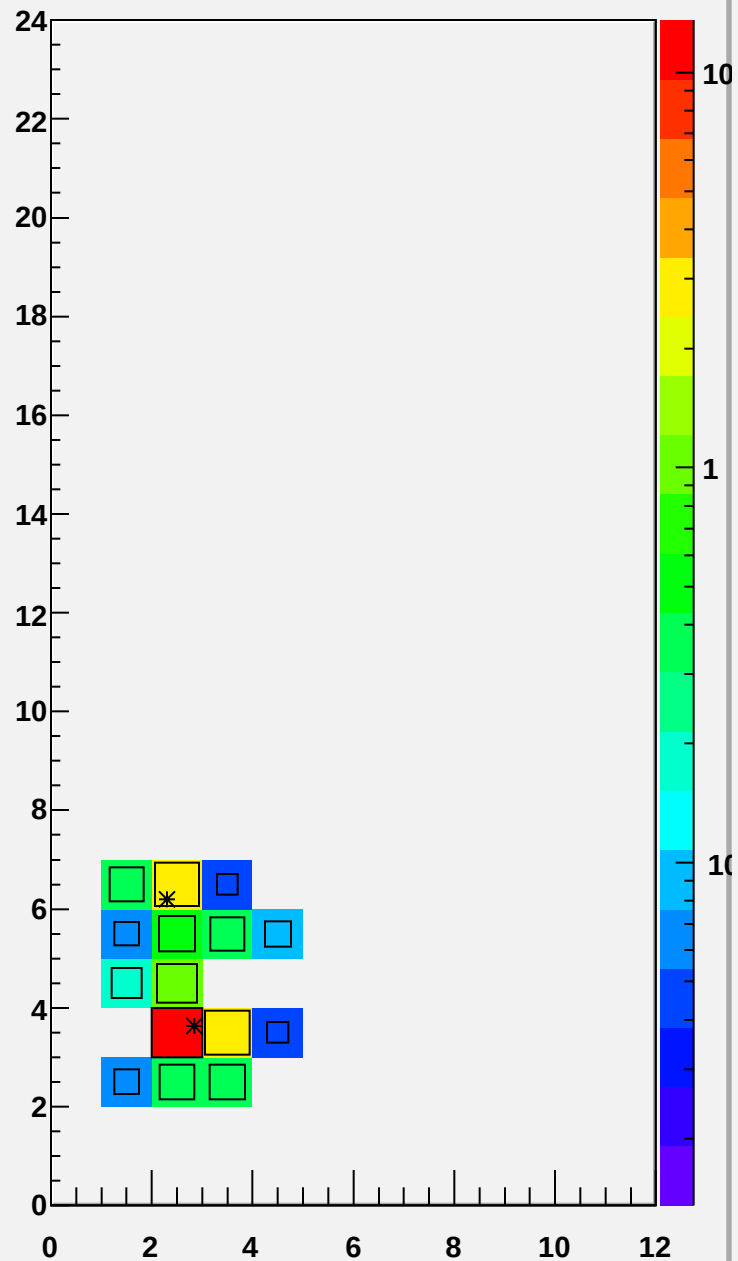
Mean x 2.982

Mean y 5.269

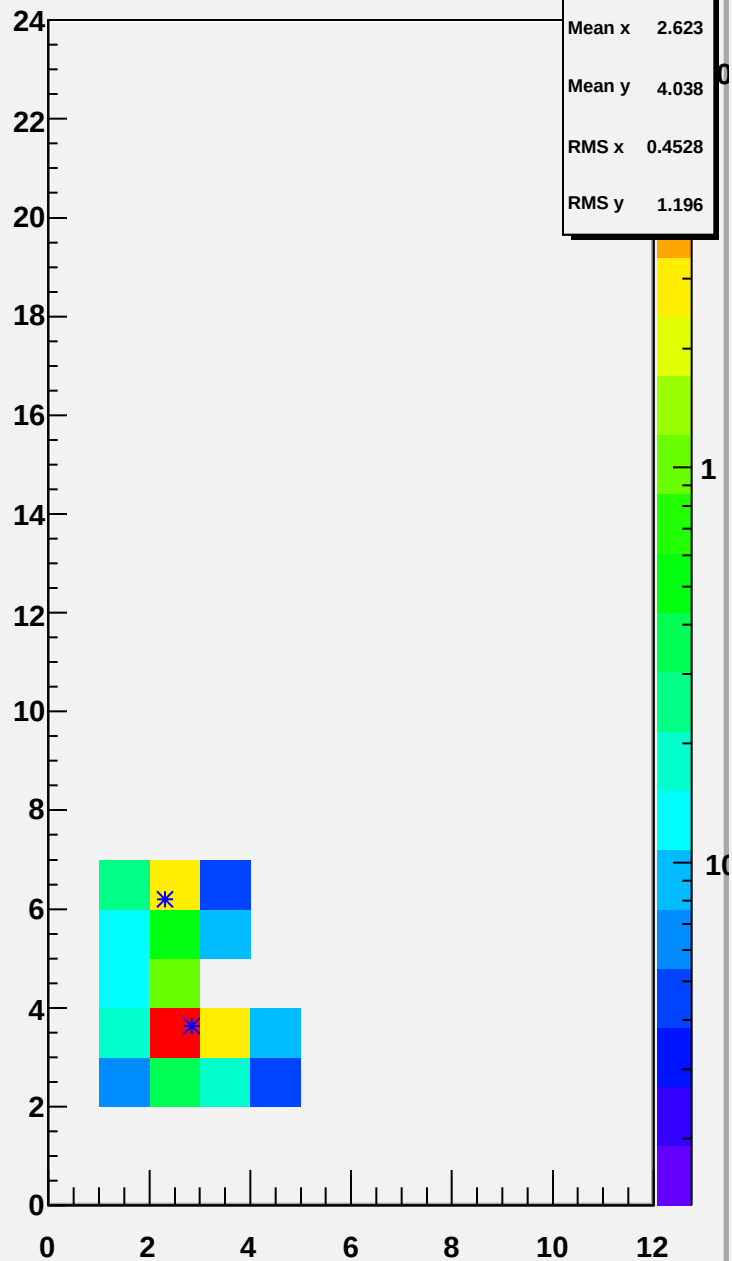
RMS x 1.089

RMS y 4.968

NSTB3_r4_c3_En=22.9_m0=0.128 m1=0.128 index=1128



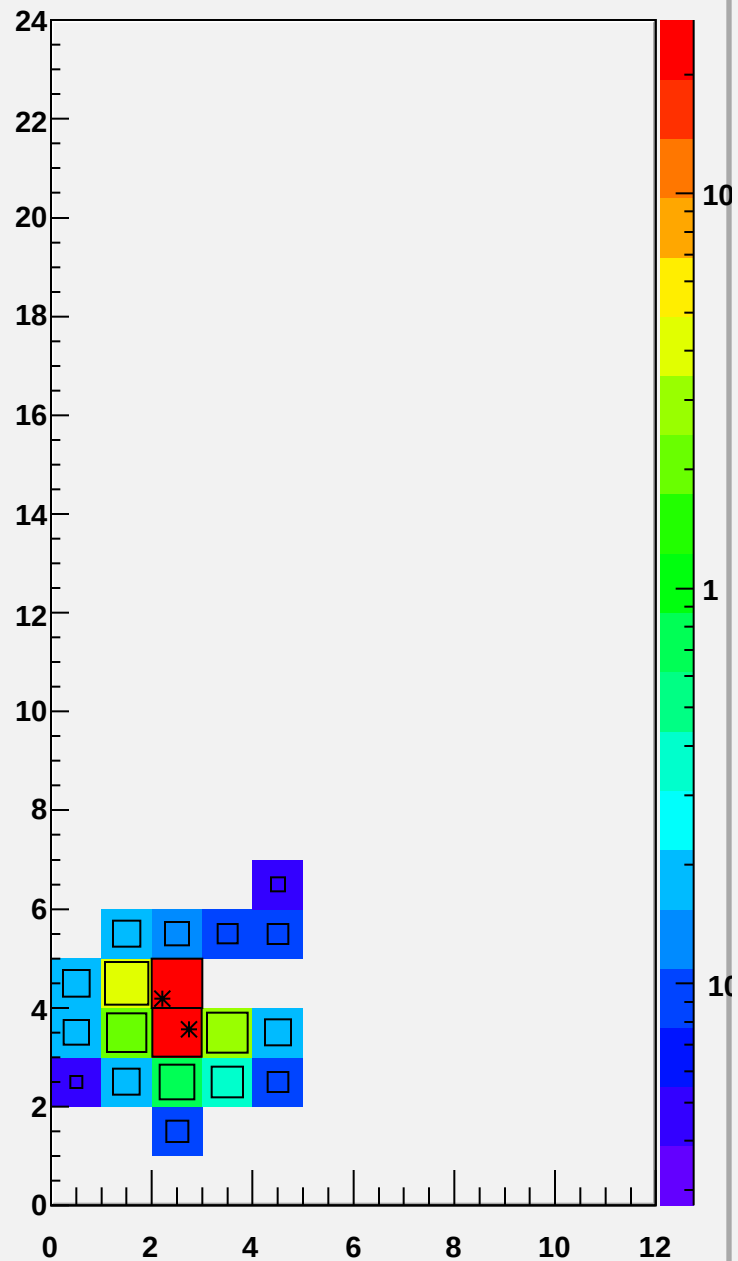
Fitted Energies



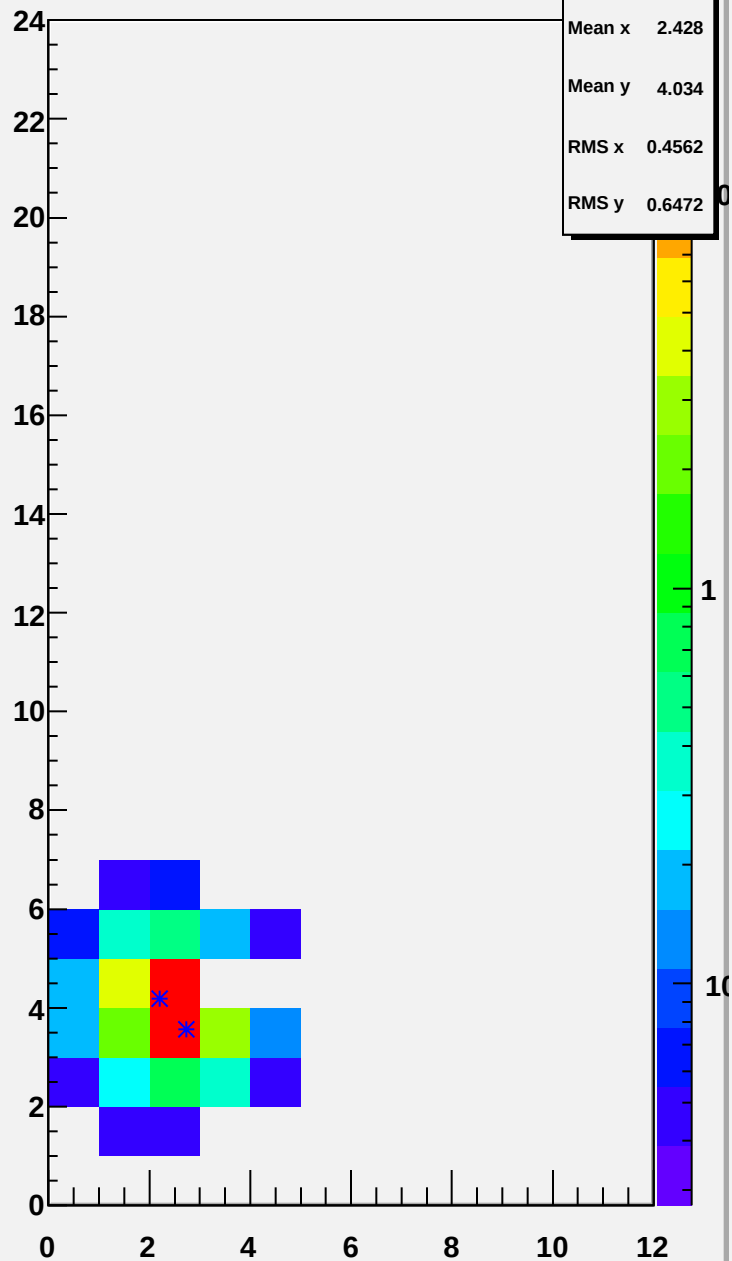
Efit

Entries	288
Mean x	2.623
Mean y	4.038
RMS x	0.4528
RMS y	1.196

NSTB3_r4_c3_En=61.8_m0=0.135 m1=0.135 index=1129



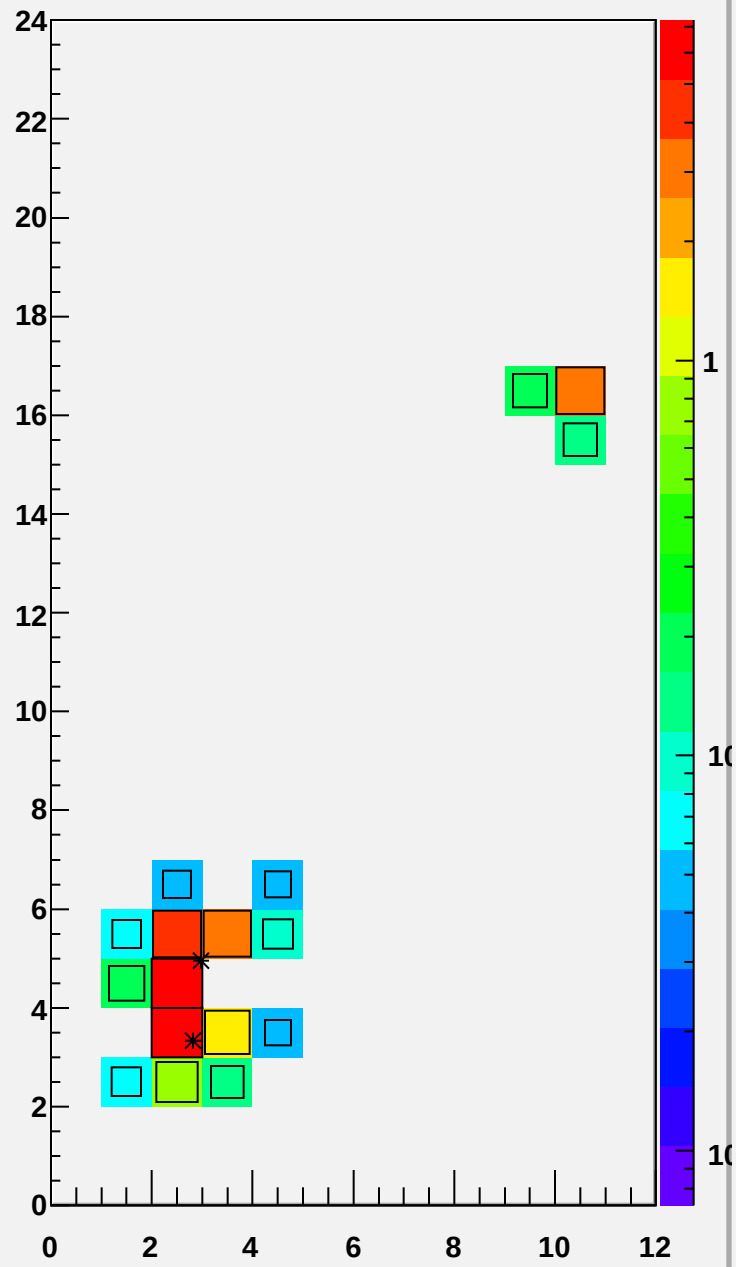
Fitted Energies



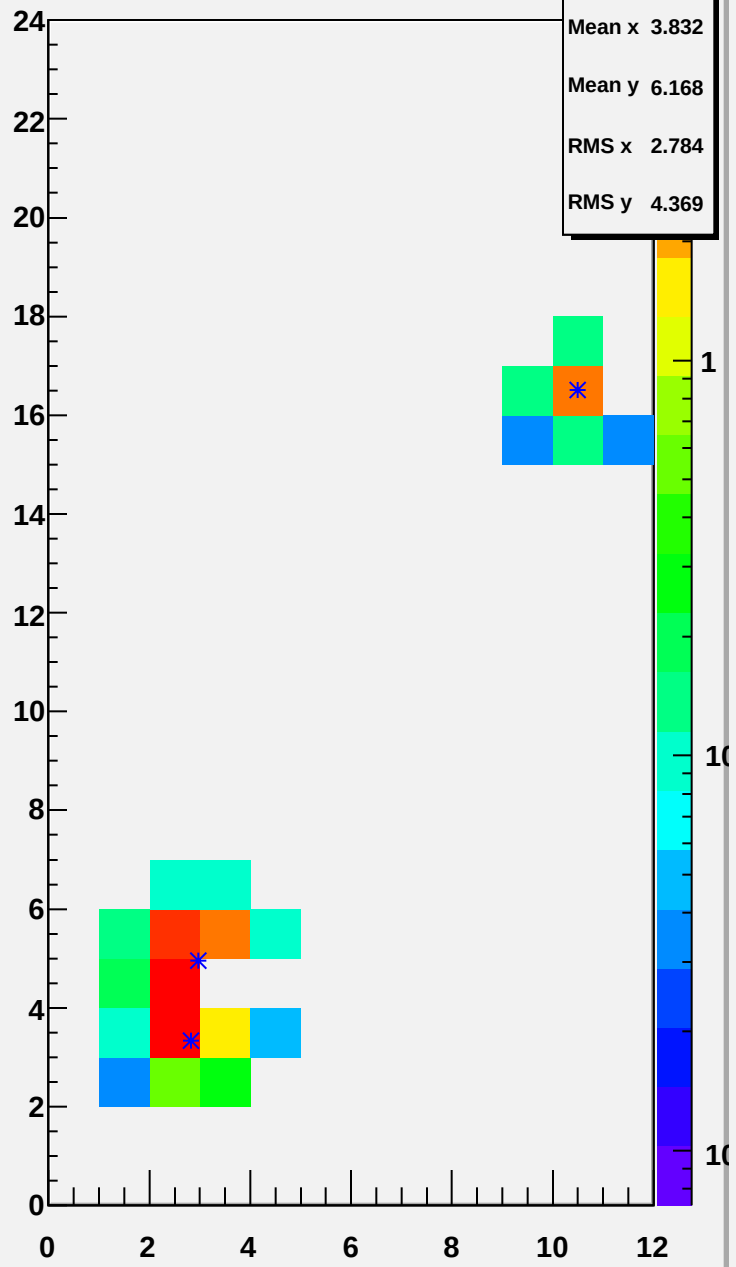
Efit

Entries	288
Mean x	2.428
Mean y	4.034
RMS x	0.4562
RMS y	0.6472

NSTB3_r4_c3_En=27.6_m0=0.120 m1=0.121 index=1130



Fitted Energies



Efit

Entries 288

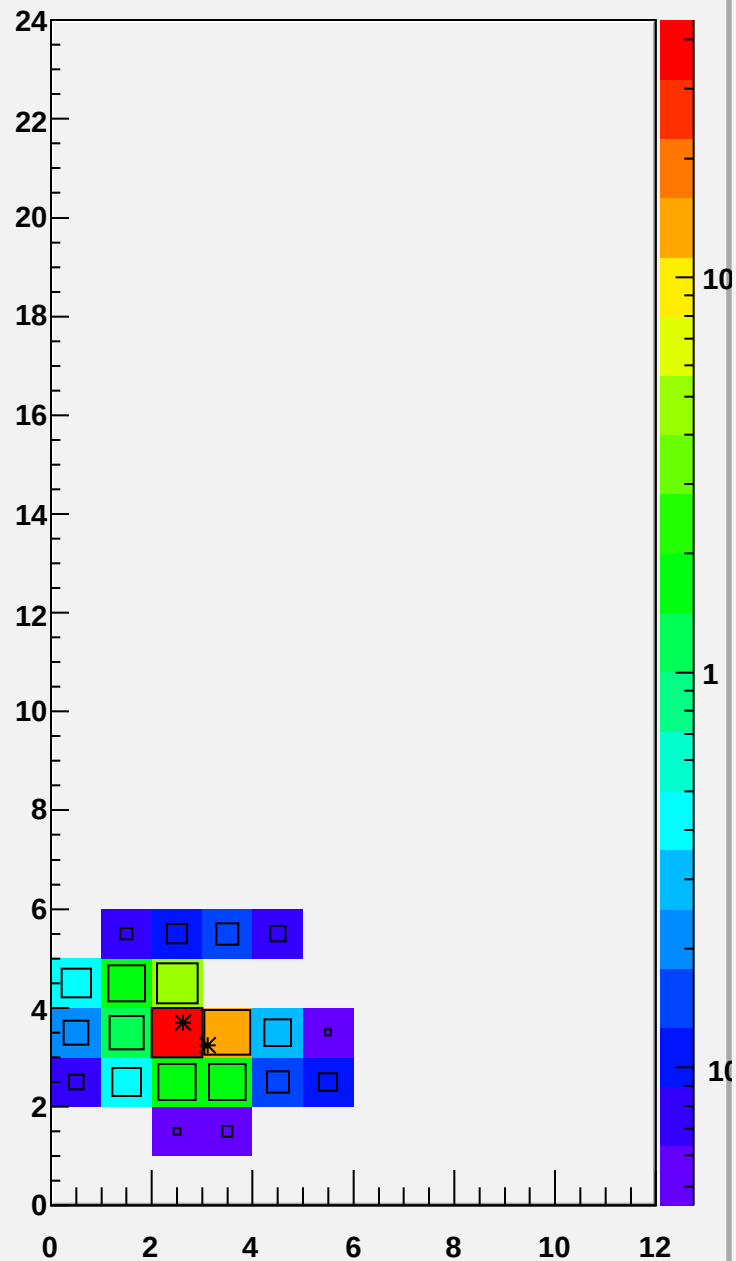
Mean x 3.832

Mean y 6.168

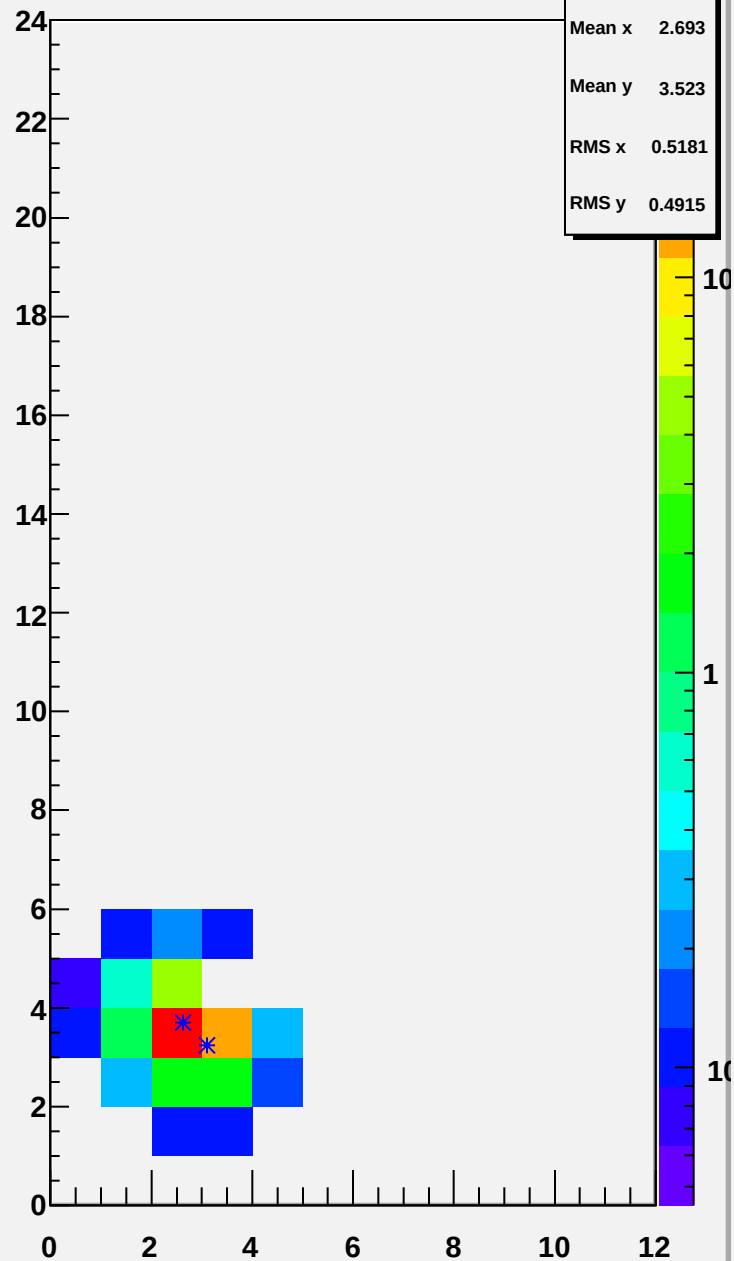
RMS x 2.784

RMS y 4.369

NSTB3_r4_c3_En=71.0_m0=0.107 m1=0.108 index=1131



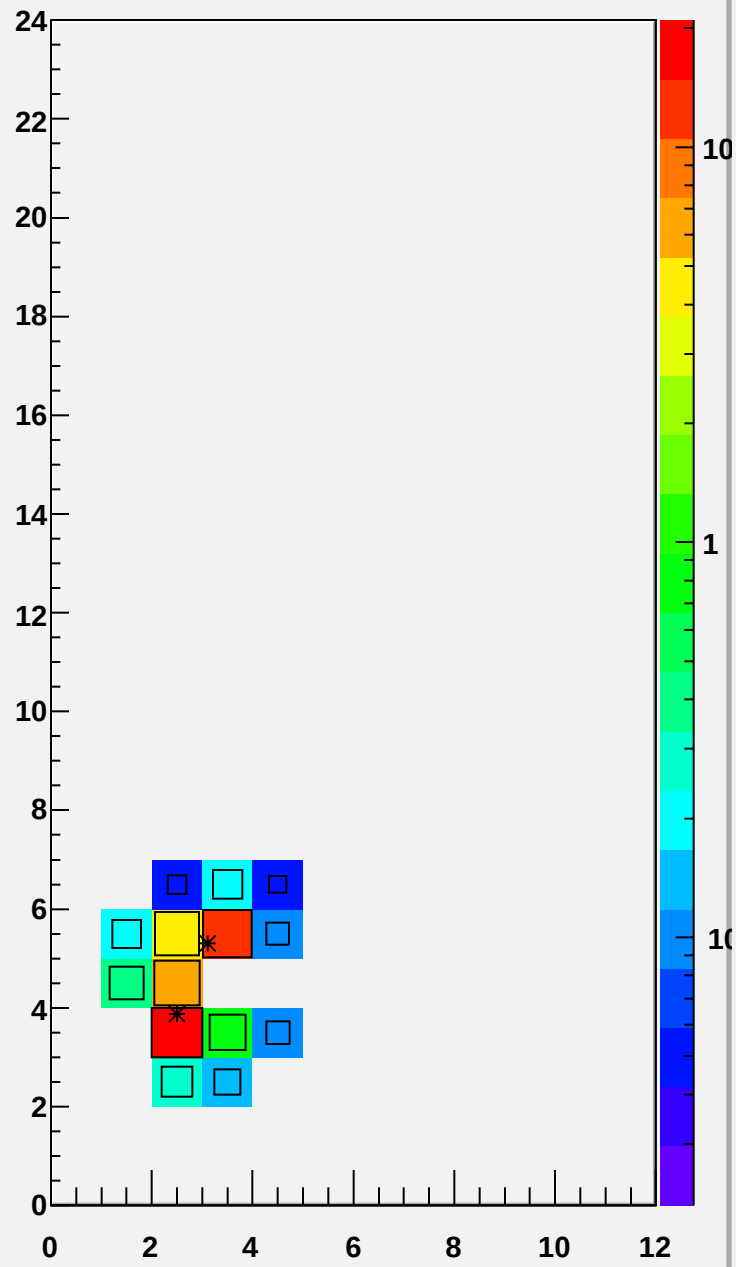
Fitted Energies



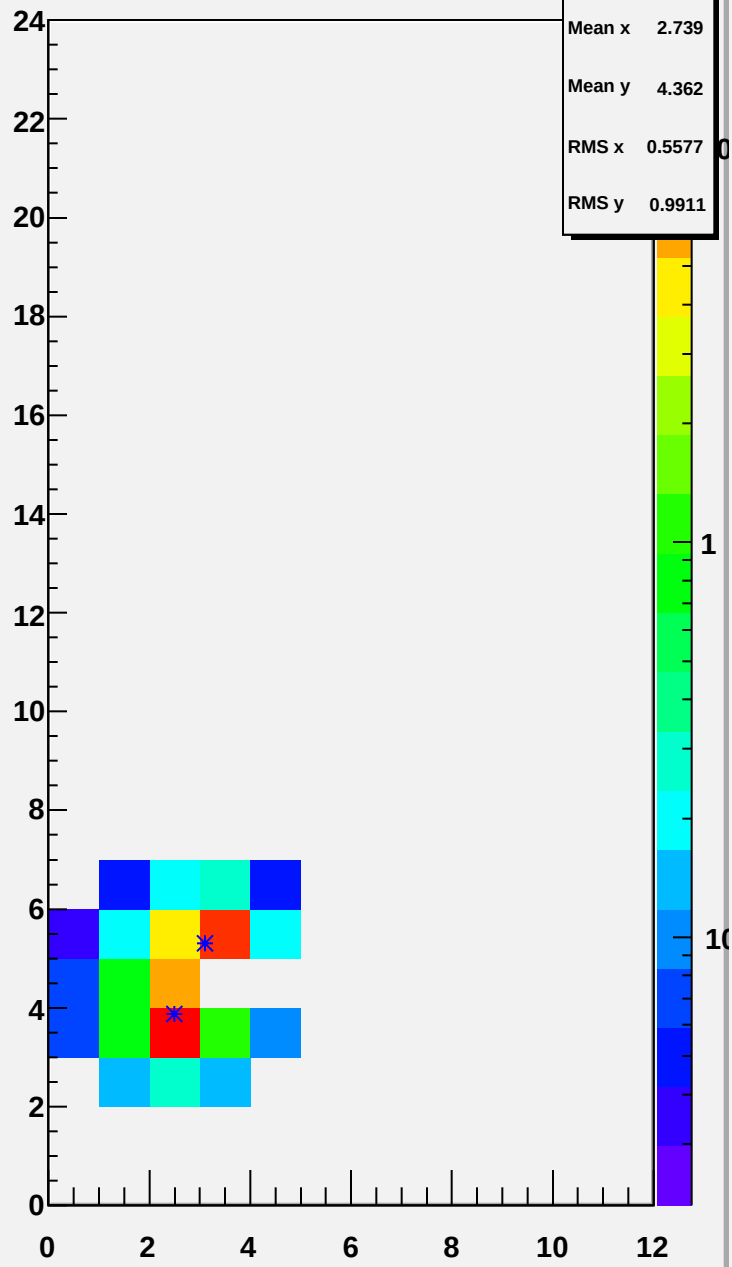
Efit

Entries	288
Mean x	2.693
Mean y	3.523
RMS x	0.5181
RMS y	0.4915

NSTB3_r4_c3_En=44.9_m0=0.203 m1=0.203 index=1132



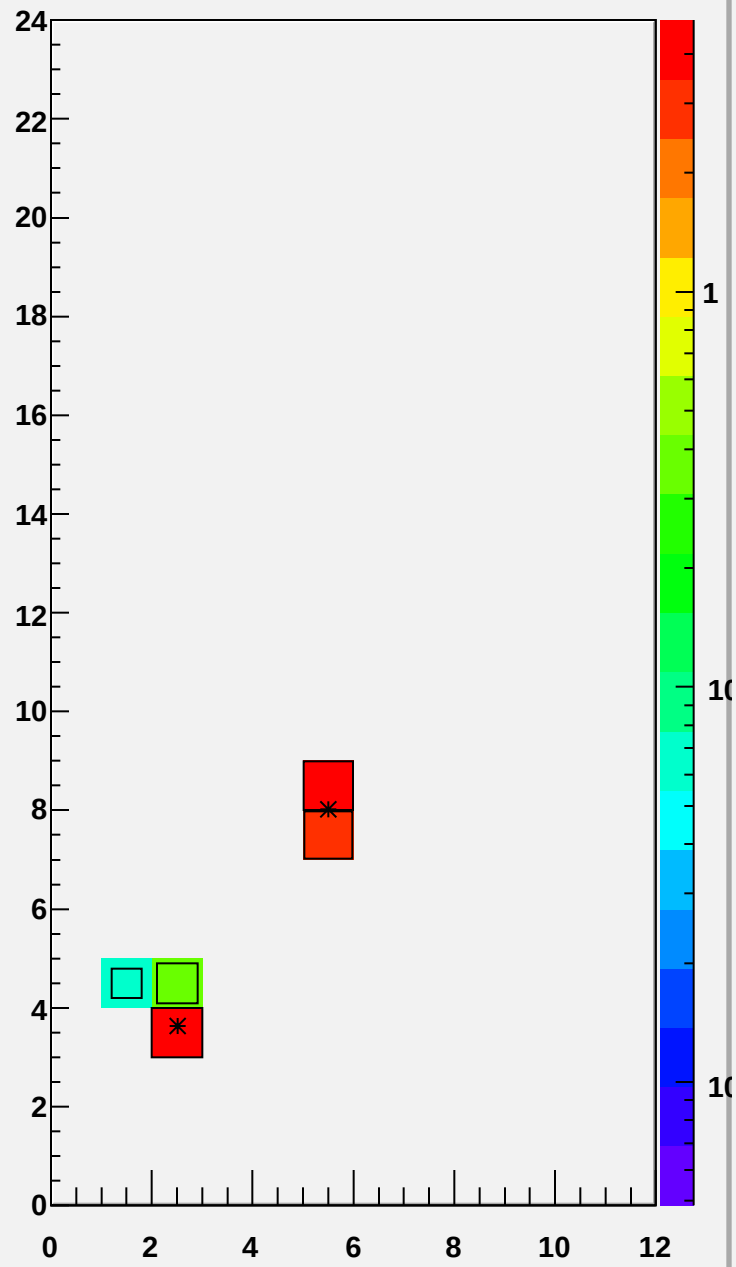
Fitted Energies



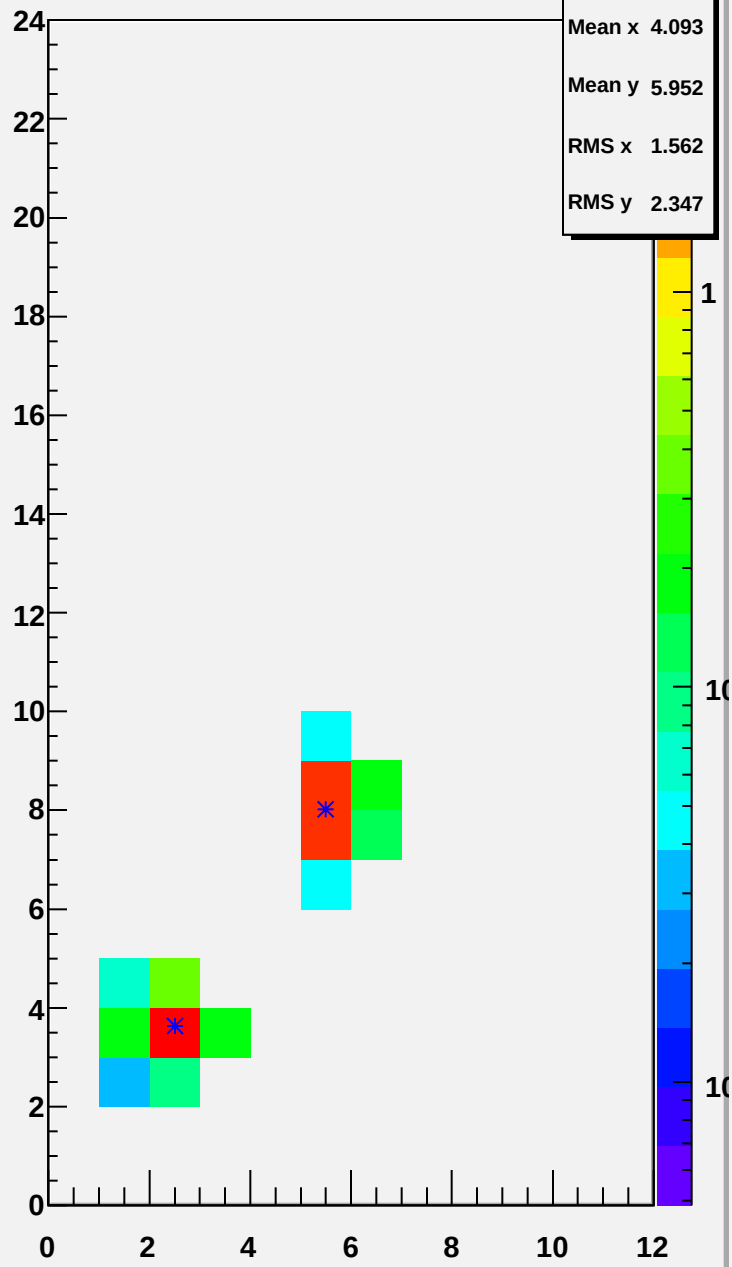
Efit

Entries	288
Mean x	2.739
Mean y	4.362
RMS x	0.5577
RMS y	0.9911

NSTB3_r4_c3_En=11.7_m0=0.188 m1=0.188 index=1133



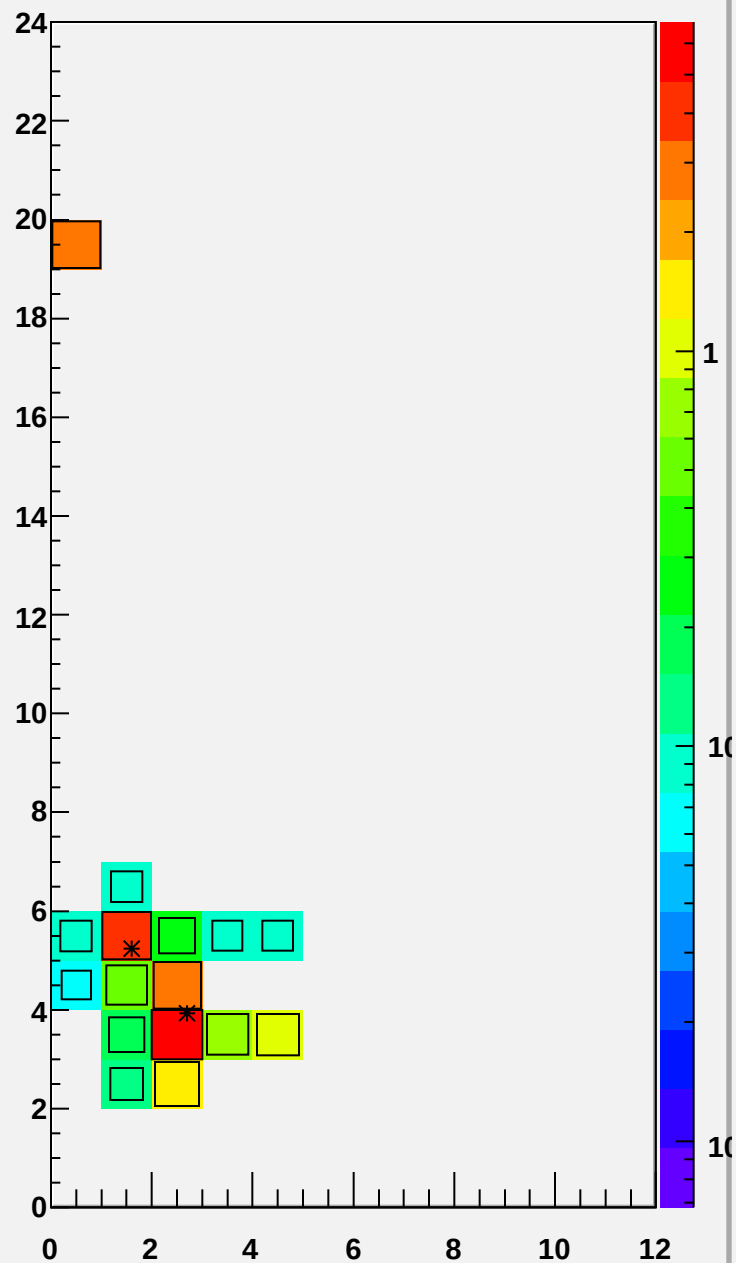
Fitted Energies



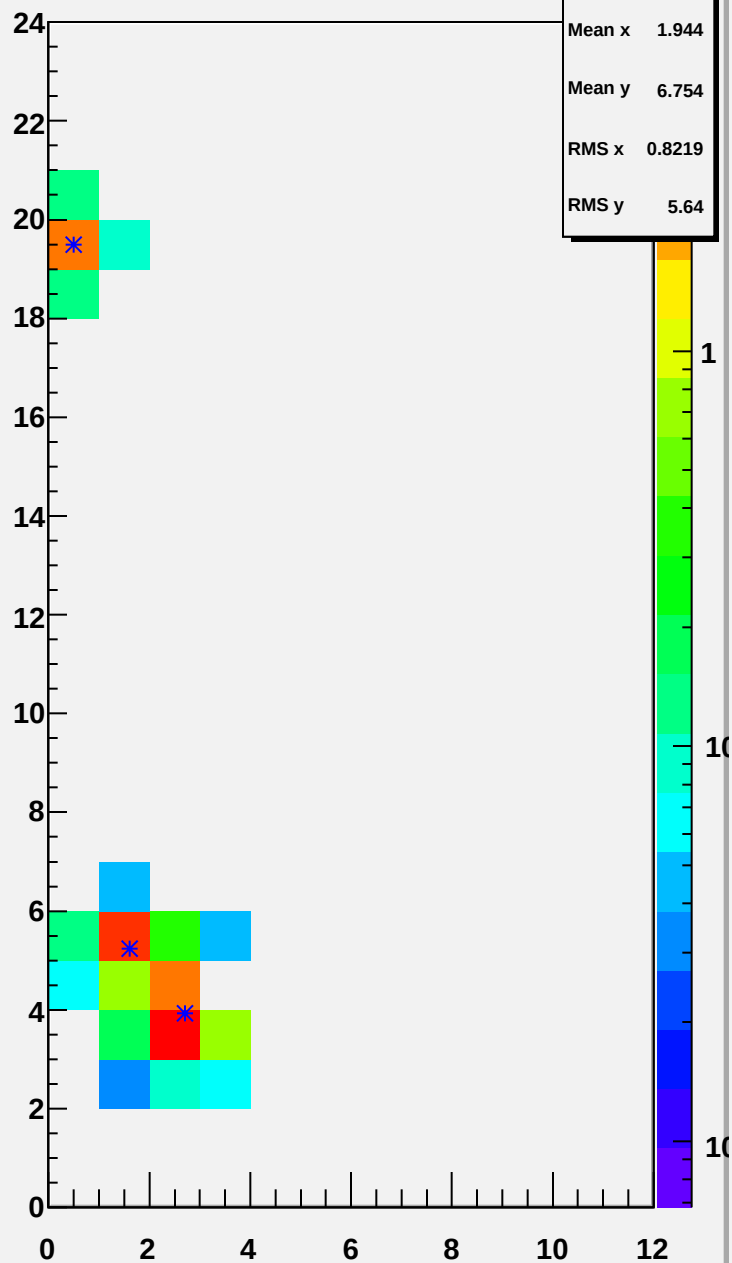
Efit

Entries 288
Mean x 4.093
Mean y 5.952
RMS x 1.562
RMS y 2.347

NSTB3_r4_c3_En=21.9_m0=0.077 m1=0.077 index=1134



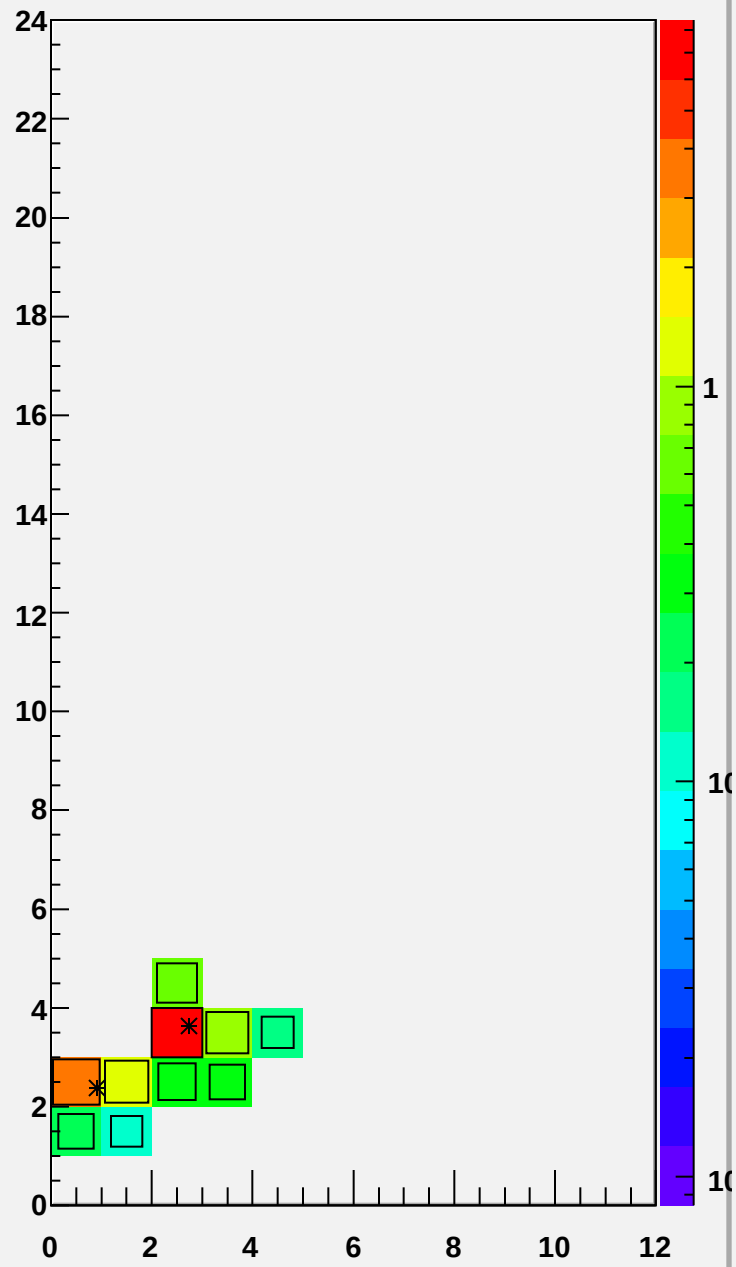
Fitted Energies



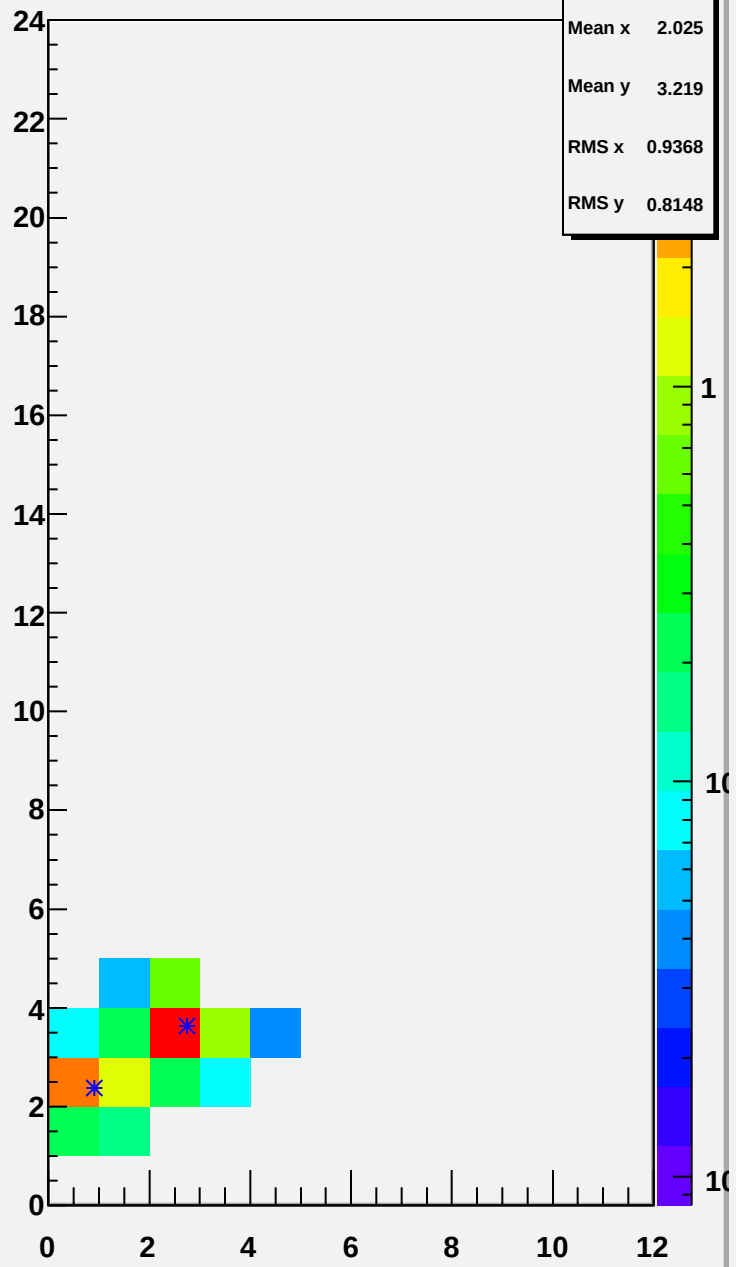
Efit

Entries	288
Mean x	1.944
Mean y	6.754
RMS x	0.8219
RMS y	5.64

NSTB3_r4_c3_En=15.7_m0=0.091 m1=0.091 index=1135



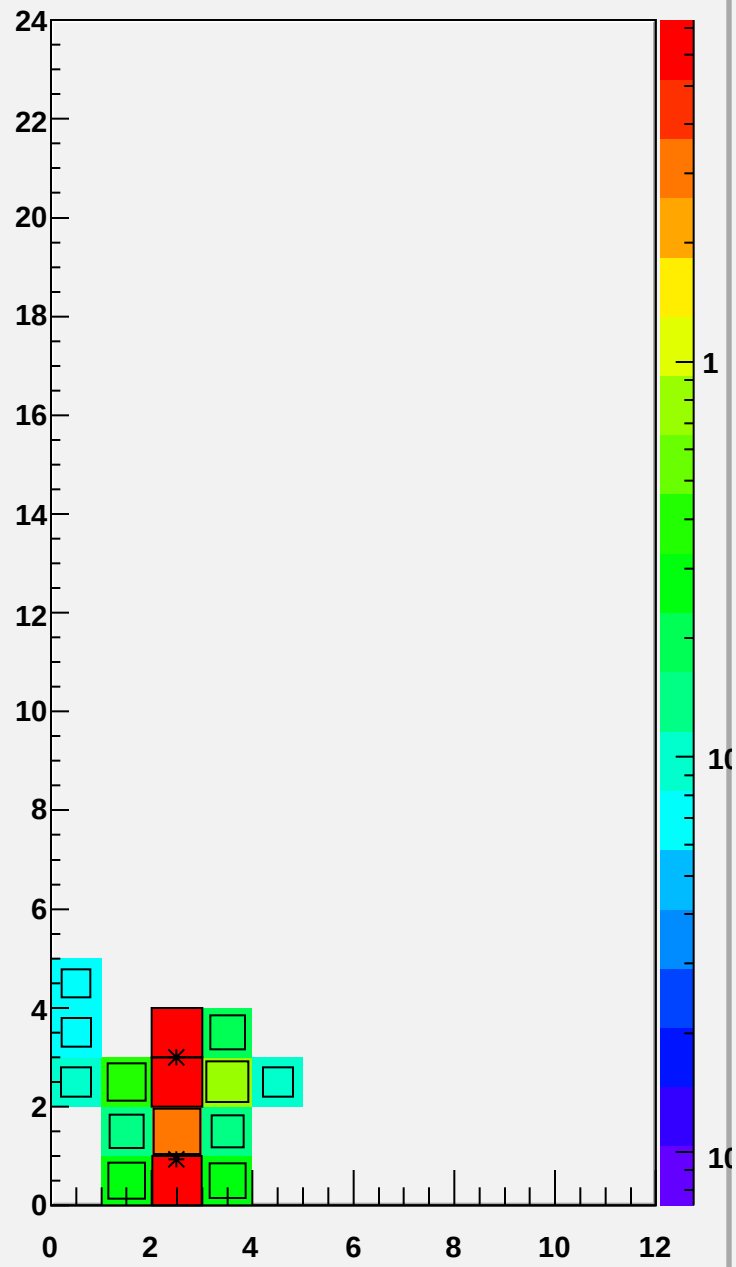
Fitted Energies



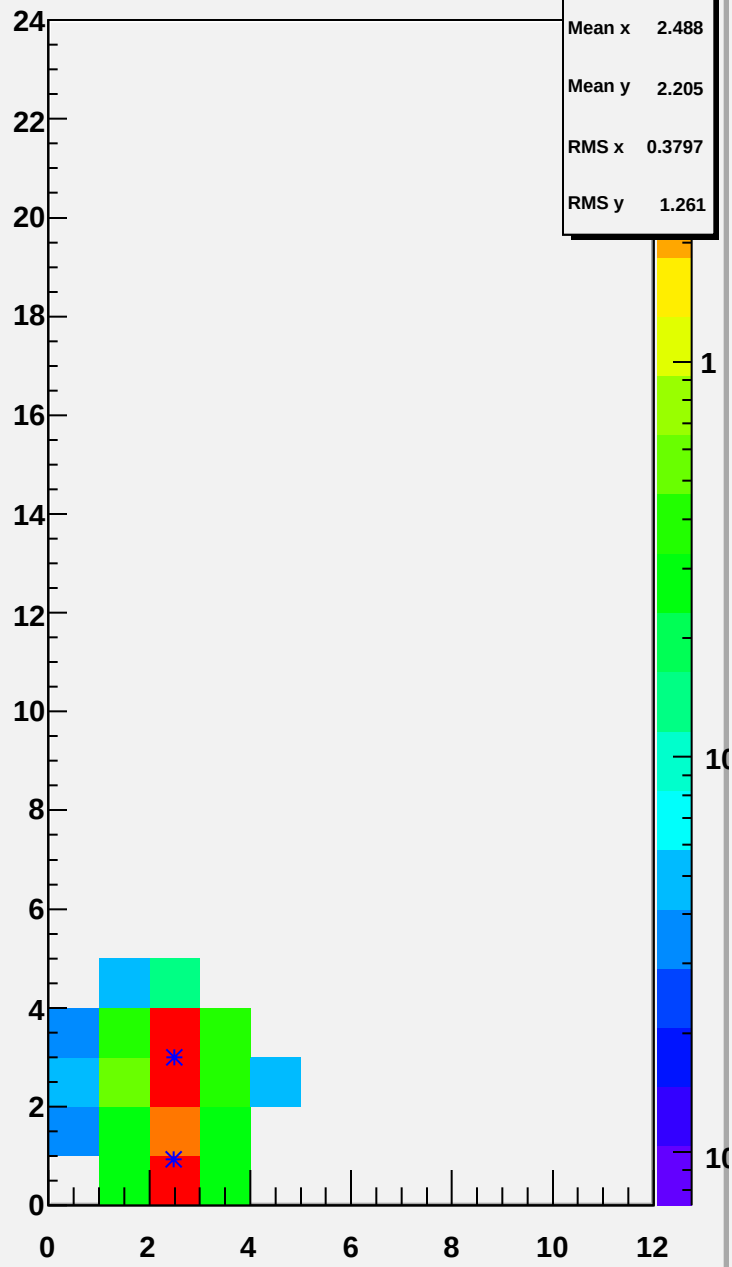
Efit

Entries	288
Mean x	2.025
Mean y	3.219
RMS x	0.9368
RMS y	0.8148

NSTB3_r4_c3_En=26.1_m0=0.153 m1=0.153 index=1136



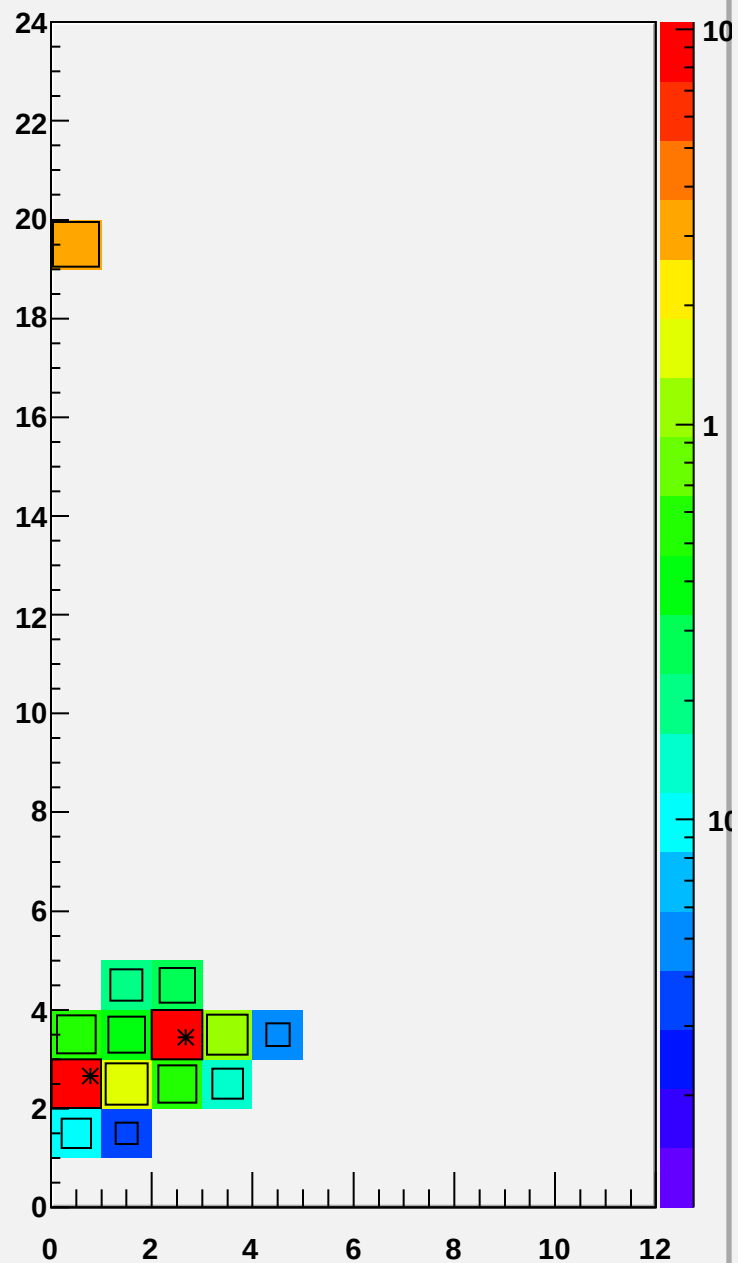
Fitted Energies



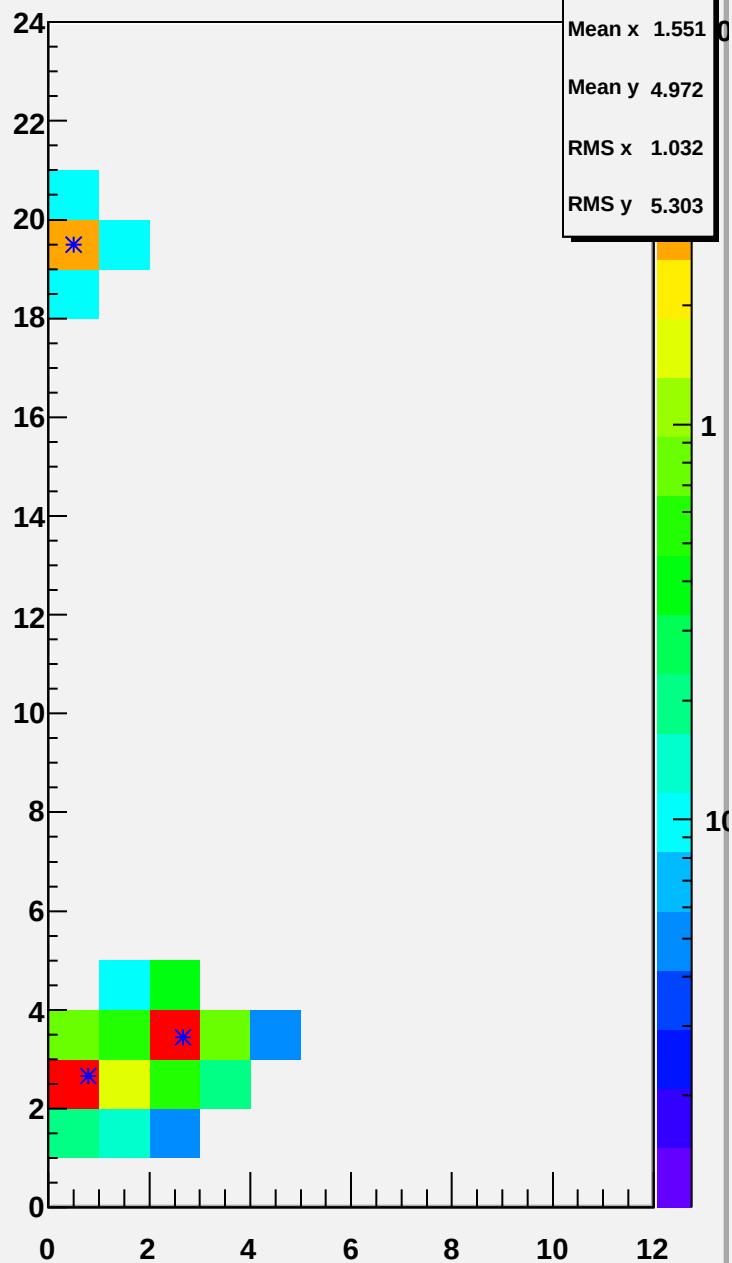
Efit

Entries	288
Mean x	2.488
Mean y	2.205
RMS x	0.3797
RMS y	1.261

NSTB3_r4_c3_En=27.0_m0=0.137 m1=0.137 index=1137



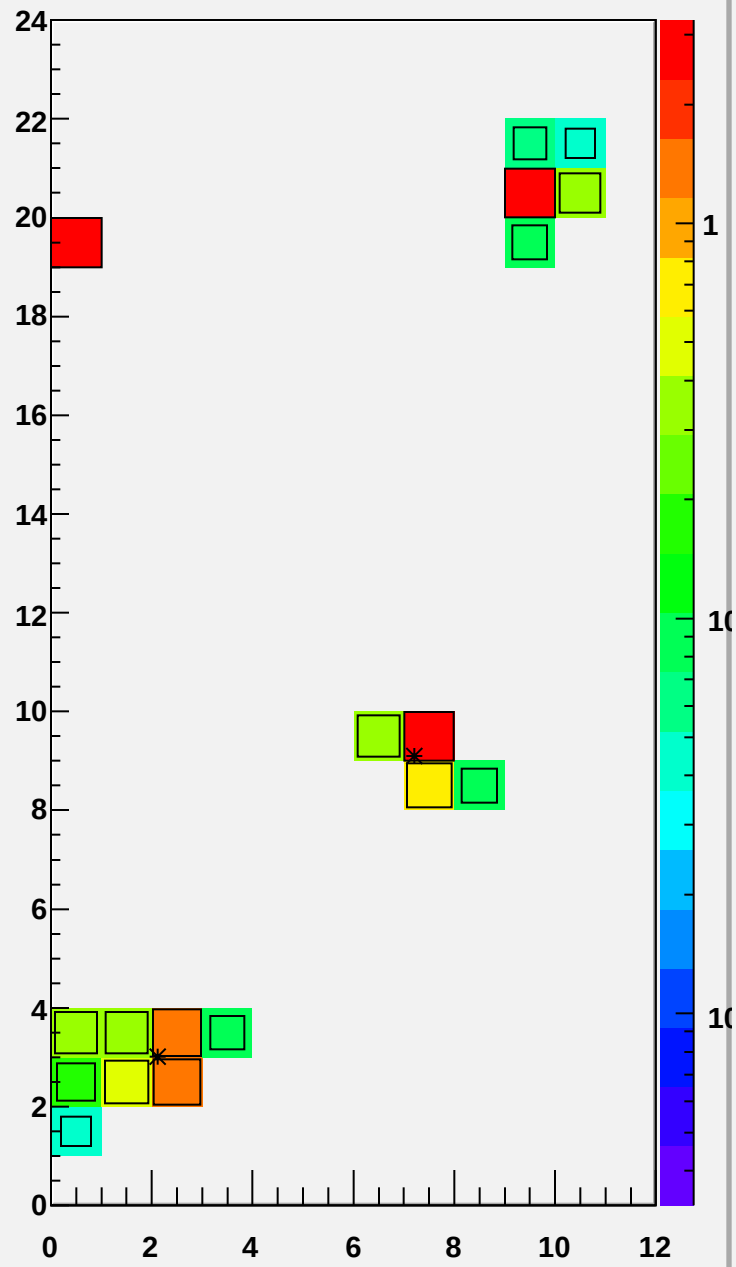
Fitted Energies



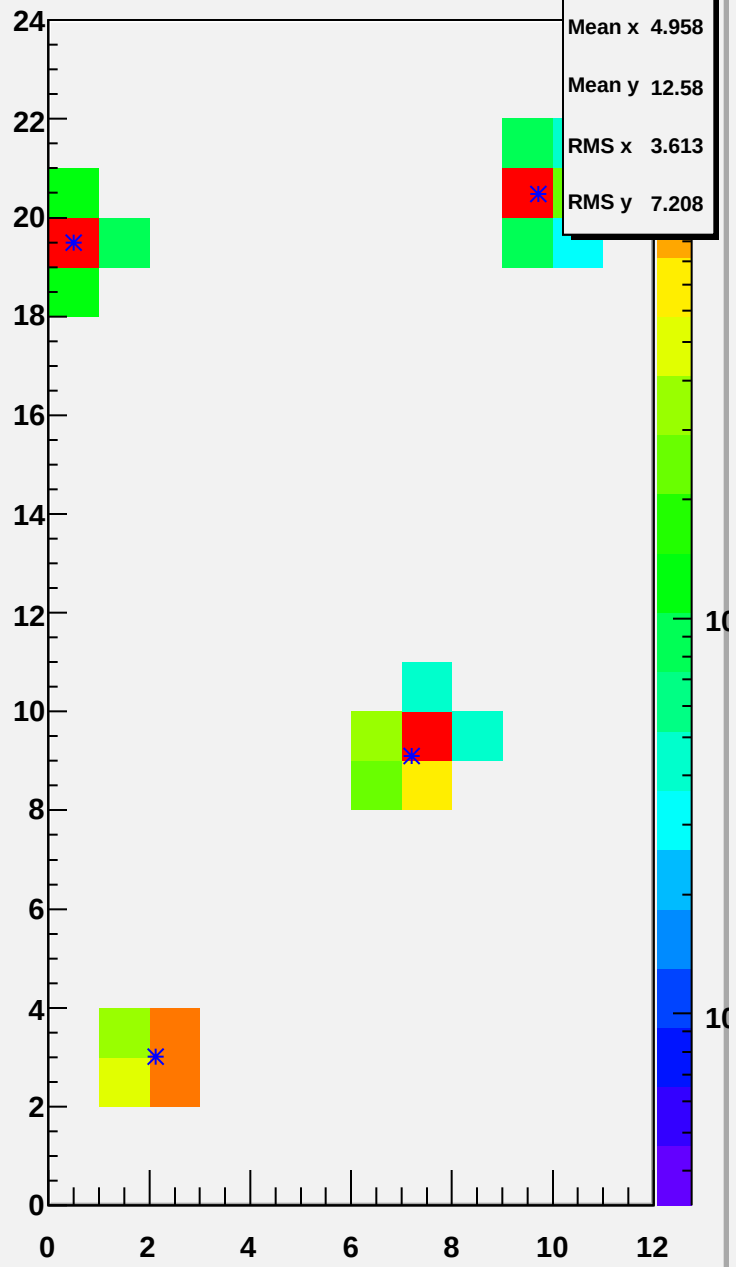
Efit

Entries 288
Mean x 1.551
Mean y 4.972
RMS x 1.032
RMS y 5.303

NSTB3_r4_c3_En=14.5_m0=0.178 m1=0.178 index=1138



Fitted Energies



Efit

Entries 288

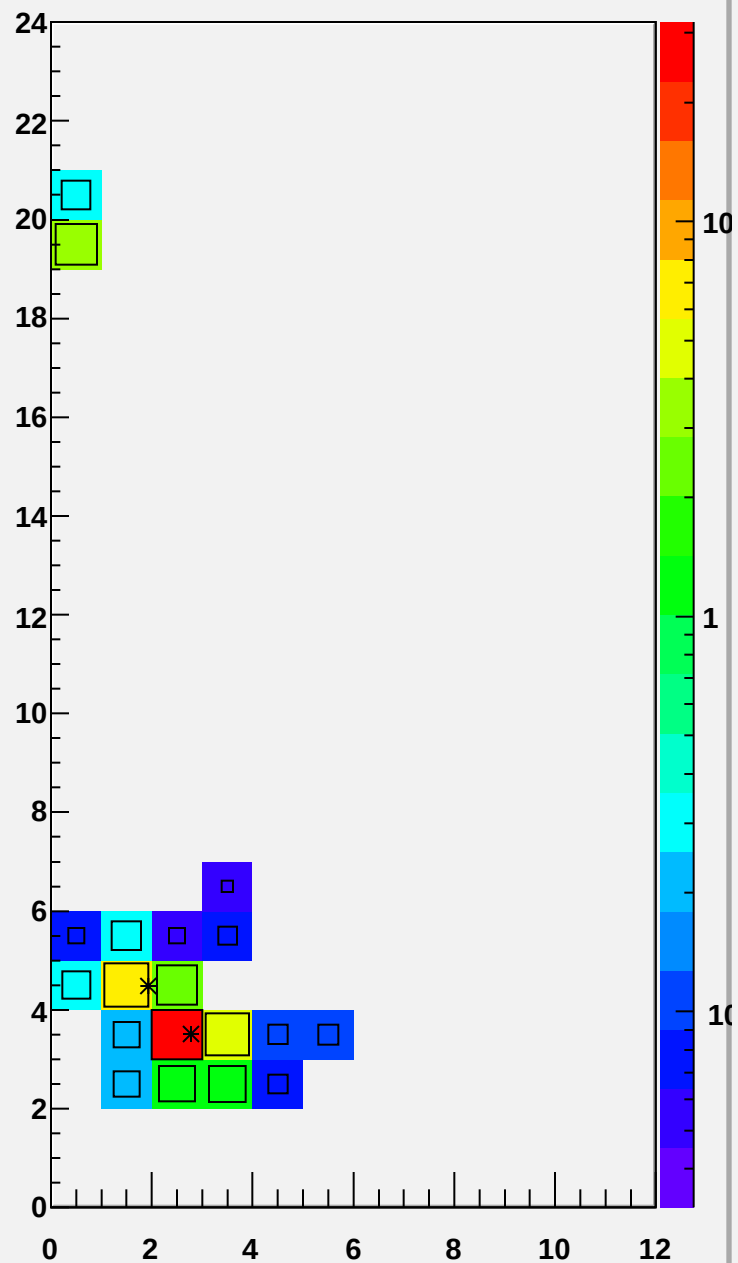
Mean x 4.958

Mean y 12.58

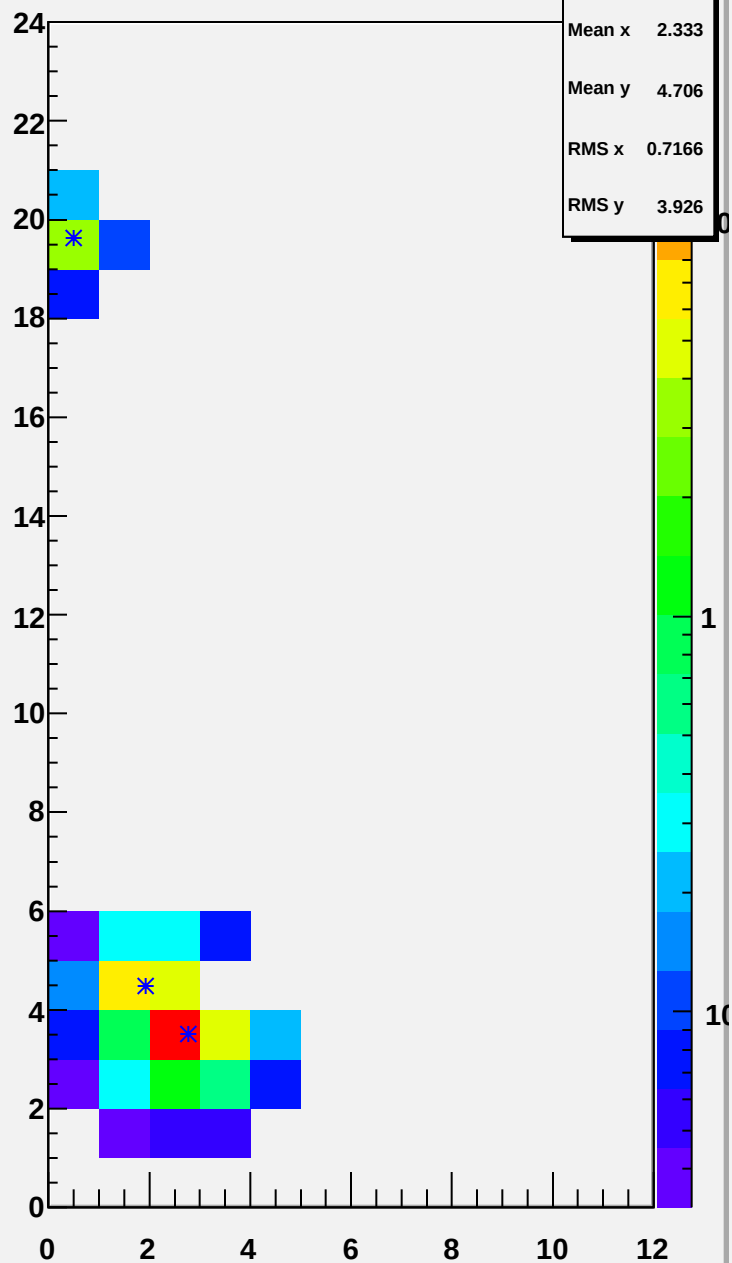
RMS x 3.613

RMS y 7.208

NSTB3_r4_c3_En=53.0_m0=0.146 m1=0.145 index=1139



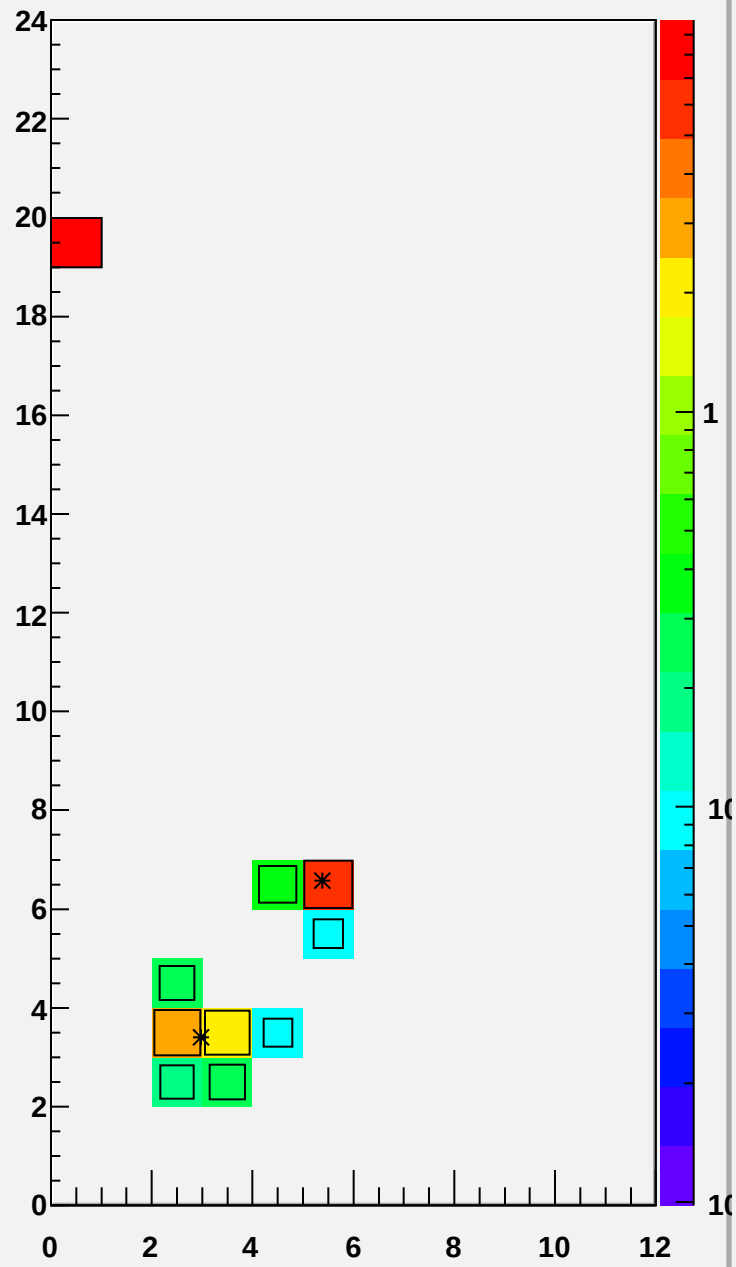
Fitted Energies



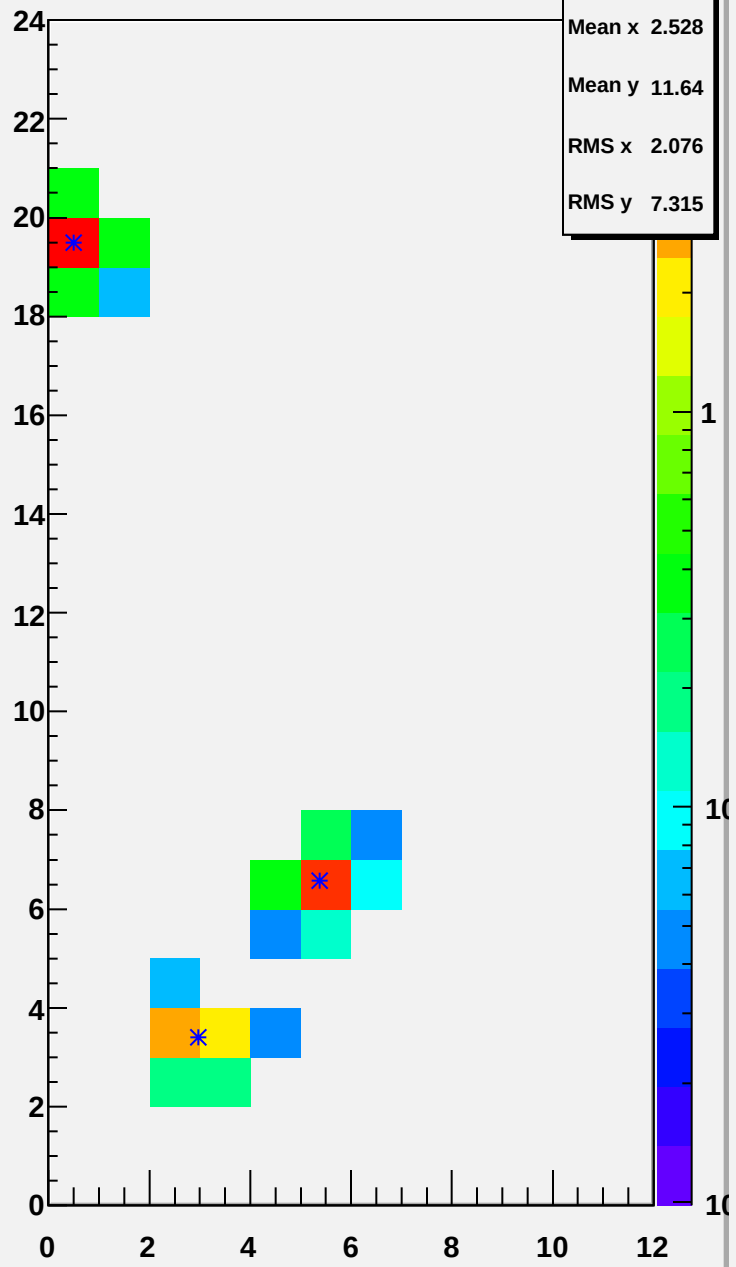
Efit

Entries	288
Mean x	2.333
Mean y	4.706
RMS x	0.7166
RMS y	3.926

NSTB3_r4_c3_En=21.6_m0=0.135 m1=0.135 index=1140



Fitted Energies



Efit

Entries 288

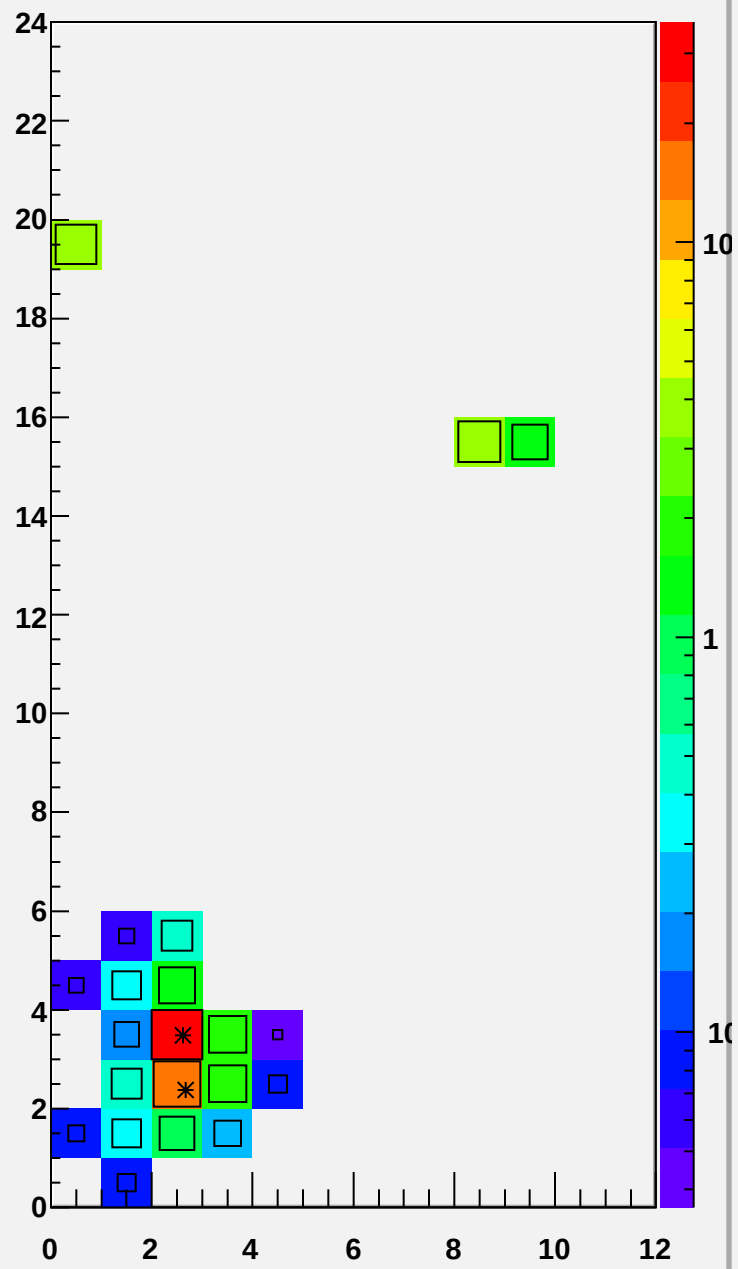
Mean x 2.528

Mean y 11.64

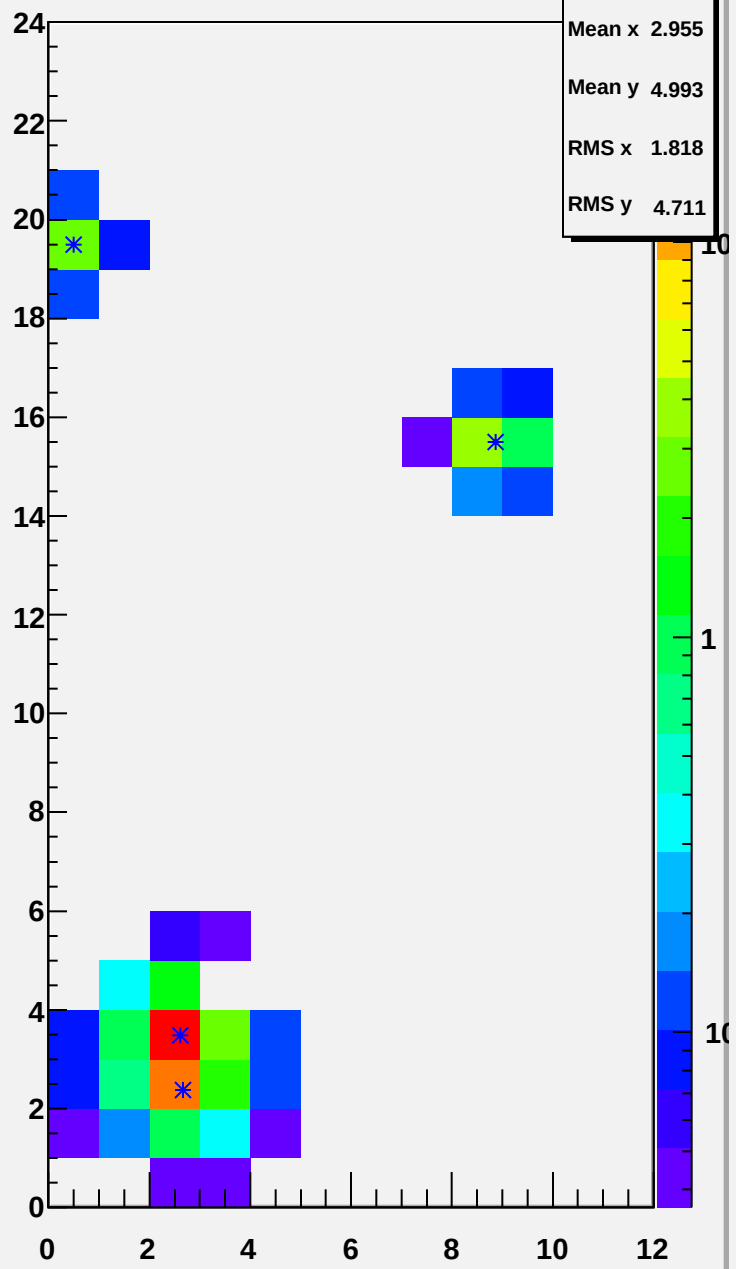
RMS x 2.076

RMS y 7.315

NSTB3_r4_c3_En=66.2_m0=0.154_m1=0.154_index=1141



Fitted Energies



Efit

Entries 288

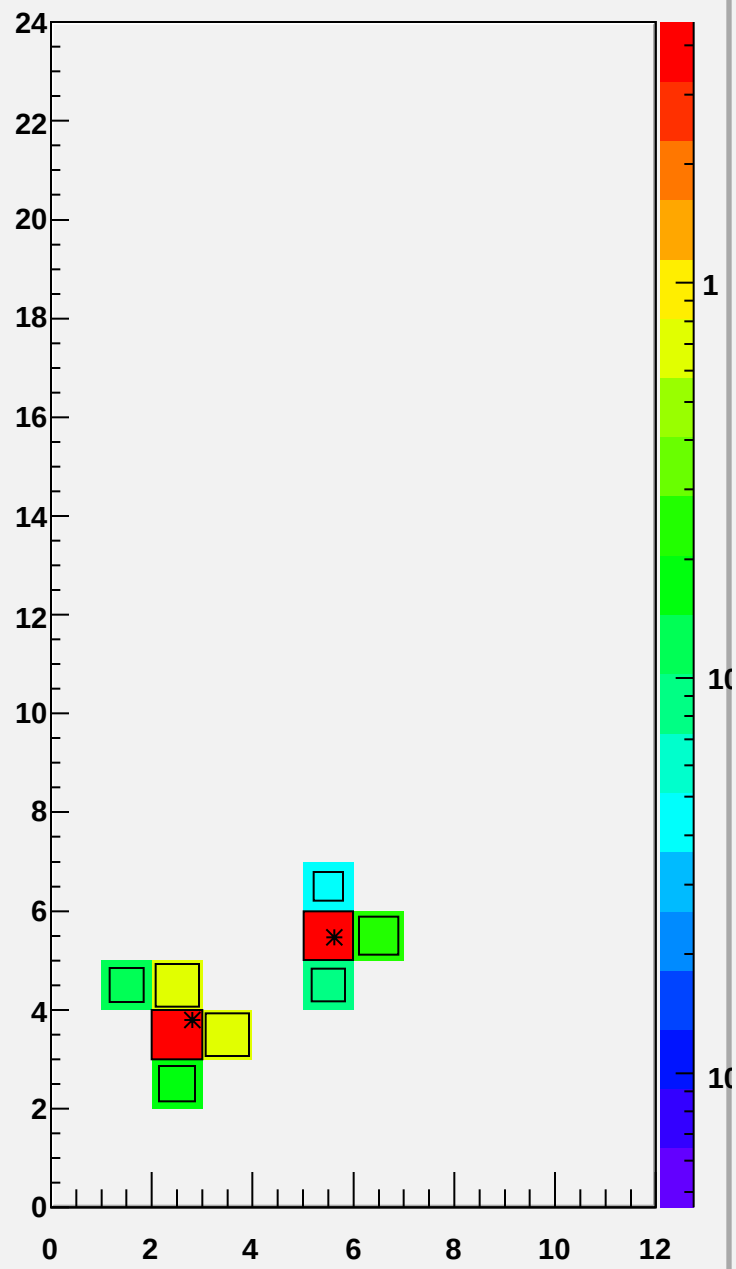
Mean x 2.955

Mean y 4.993

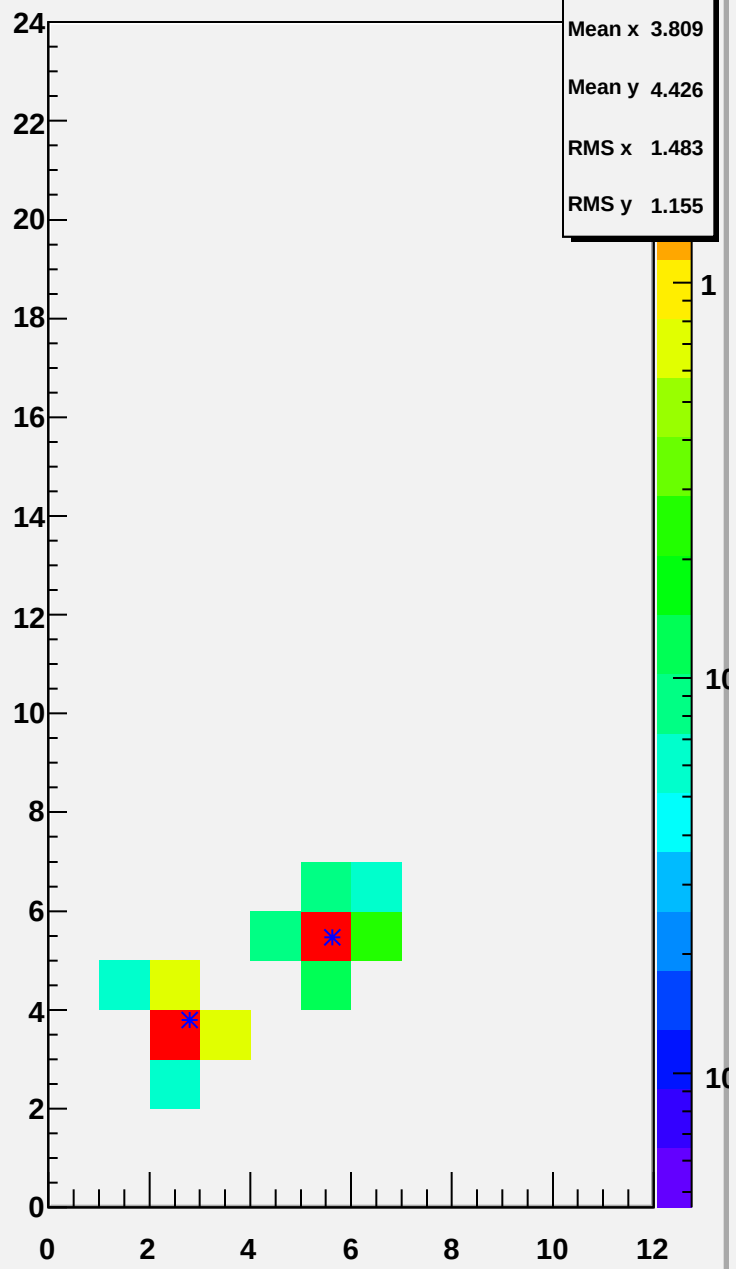
RMS x 1.818

RMS y 4.711

NSTB3_r4_c3_En=10.5_m0=0.099 m1=0.099 index=1142



Fitted Energies



Efit

Entries 288

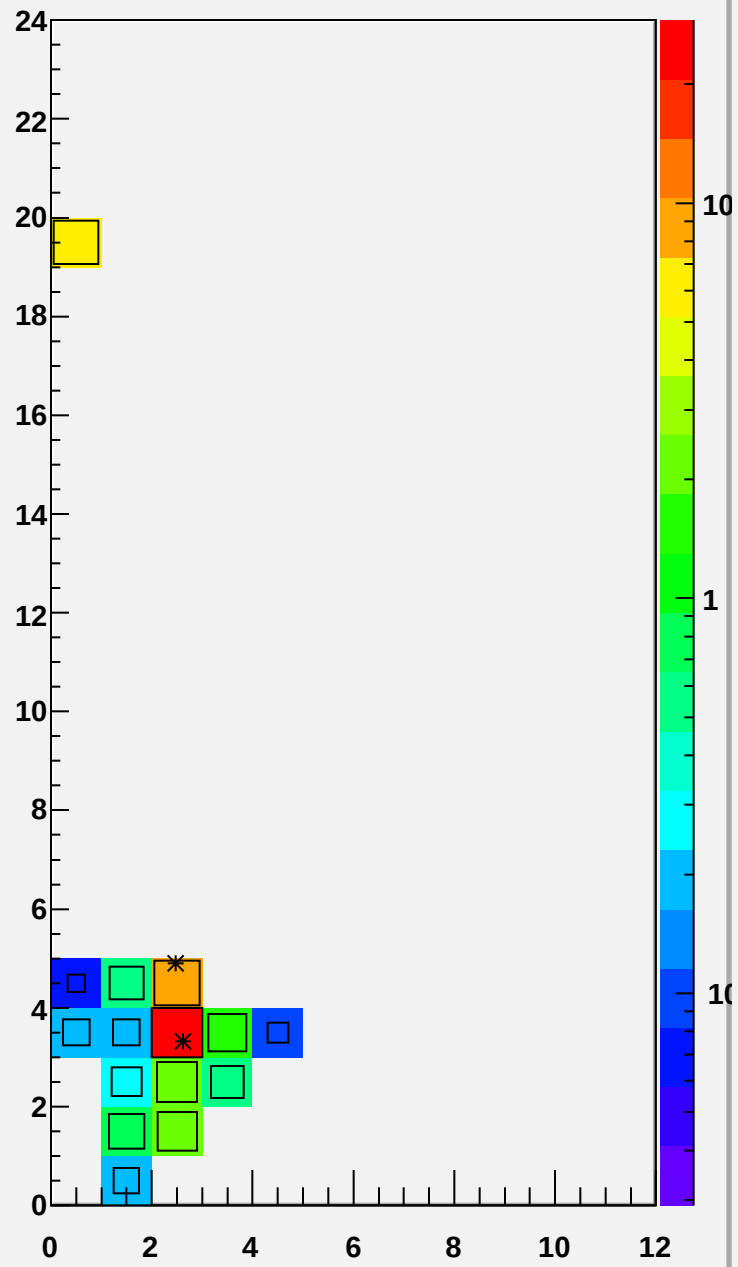
Mean x 3.809

Mean y 4.426

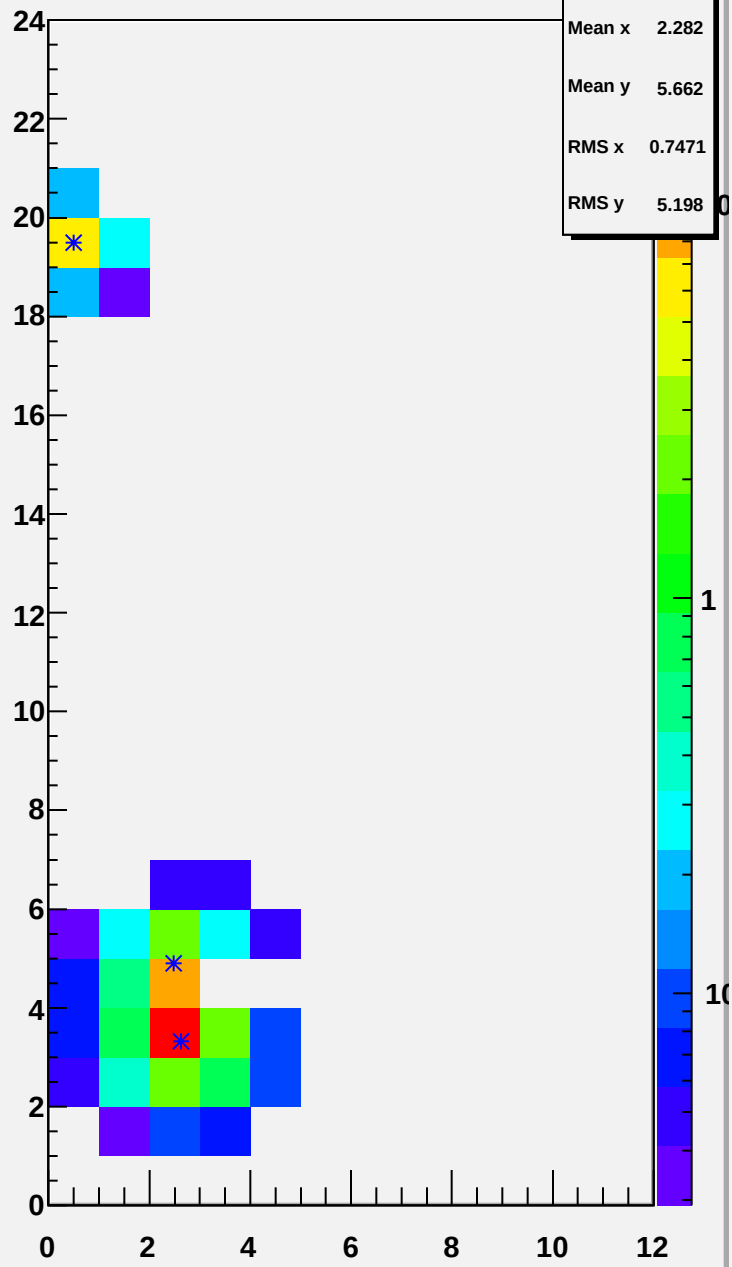
RMS x 1.483

RMS y 1.155

NSTB3_r4_c3_En=52.7_m0=0.177 m1=0.177 index=1143



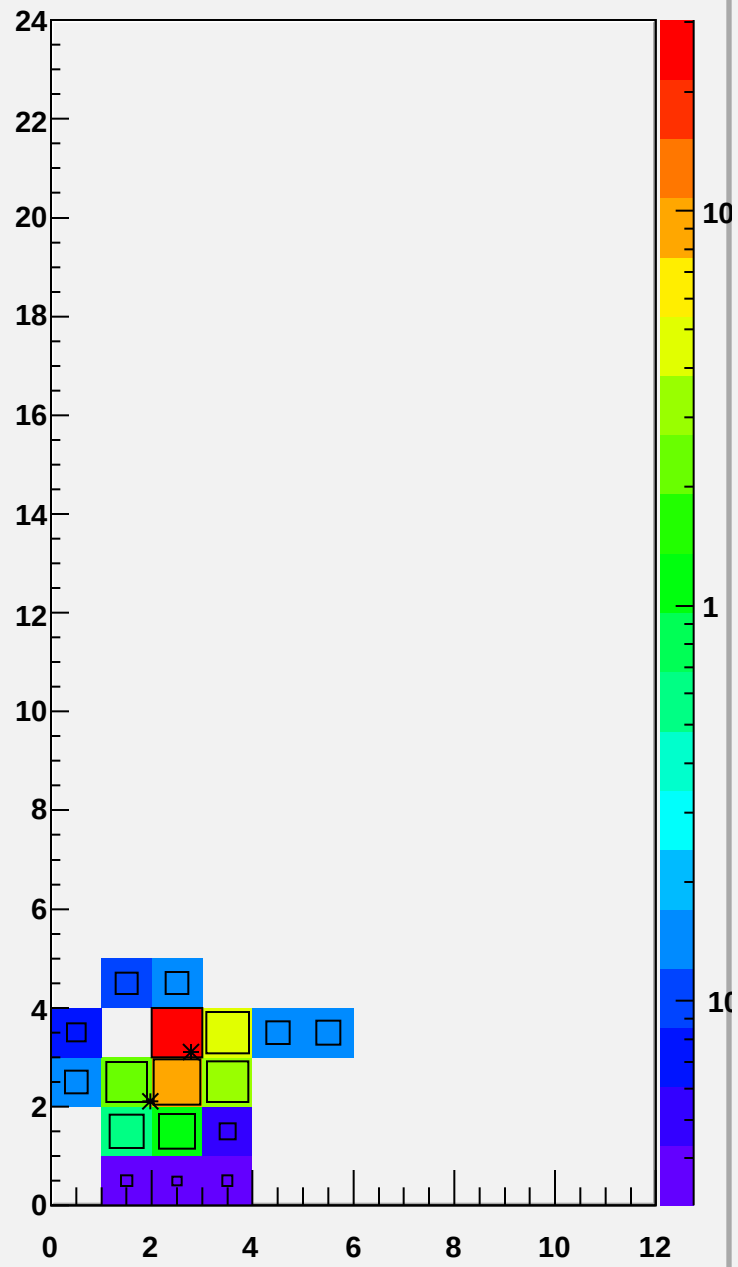
Fitted Energies



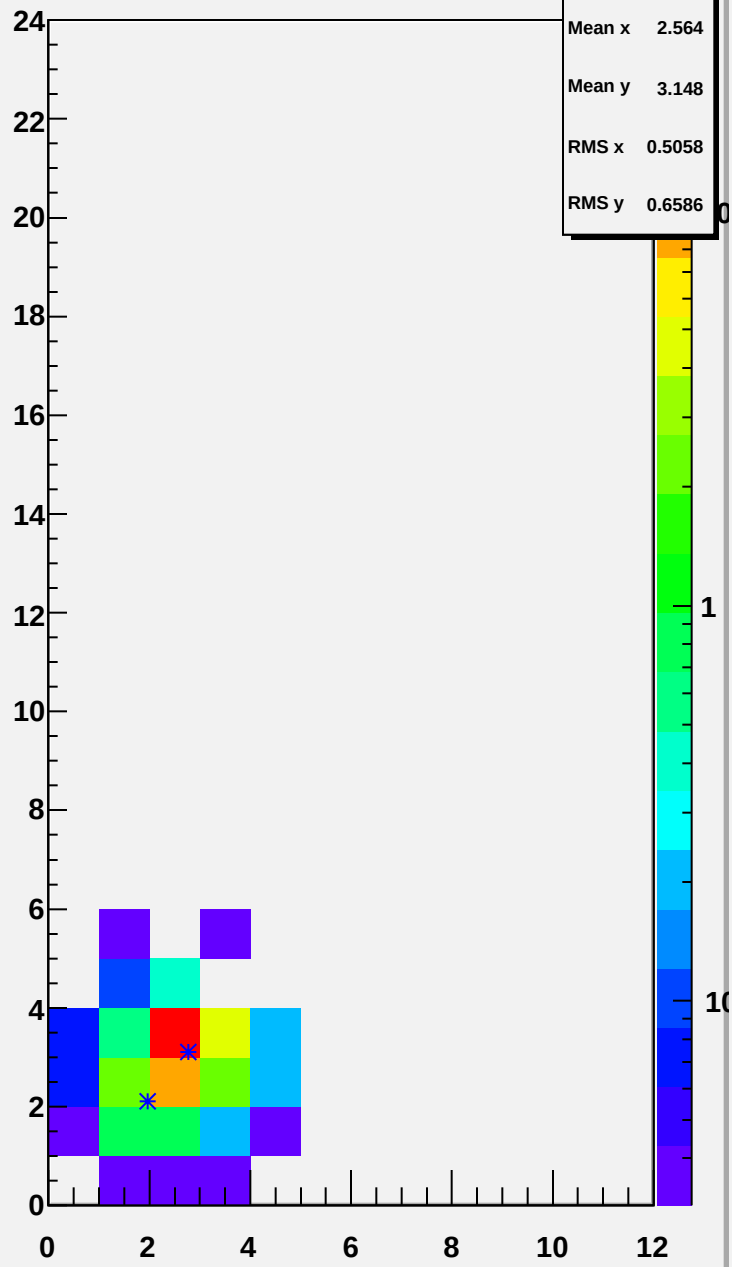
Efit

Entries	288
Mean x	2.282
Mean y	5.662
RMS x	0.7471
RMS y	5.198

NSTB3_r4_c3_En=53.4_m0=0.110 m1=0.110 index=1144



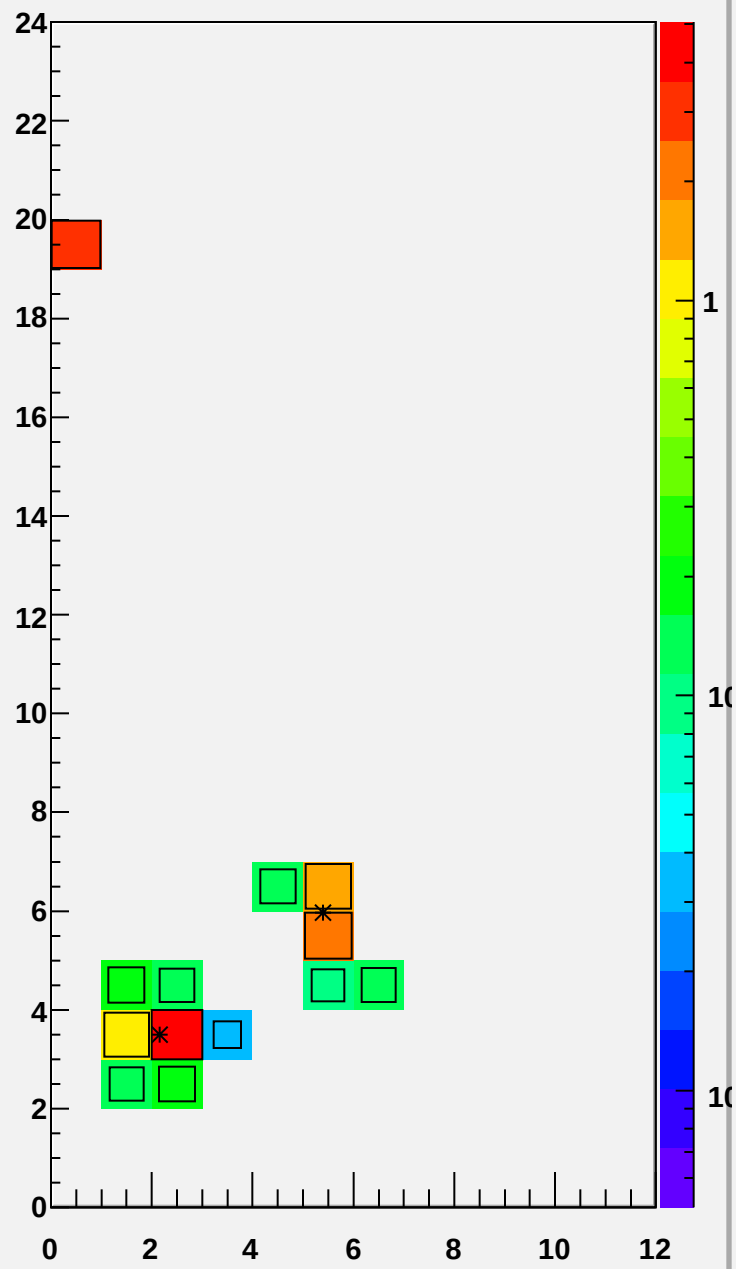
Fitted Energies



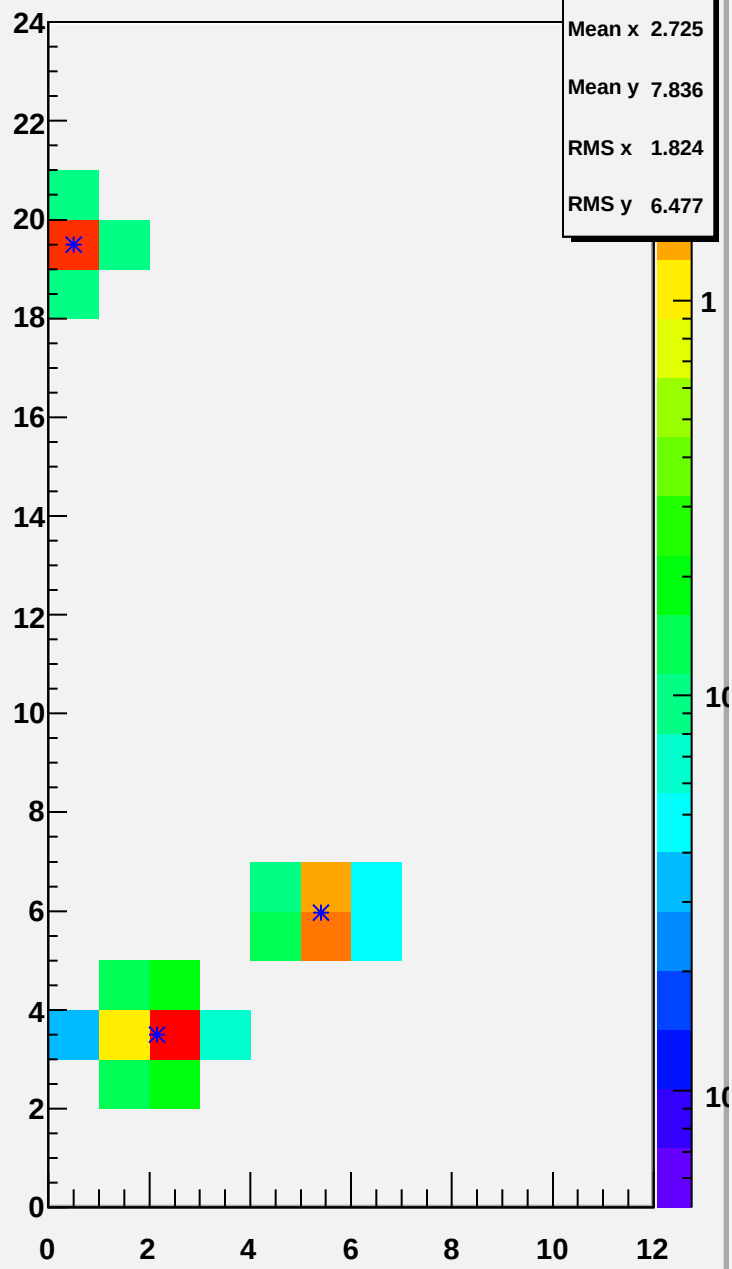
Efit

Entries	288
Mean x	2.564
Mean y	3.148
RMS x	0.5058
RMS y	0.6586

NSTB3_r4_c3_En=13.8_m0=0.118_m1=0.119_index=1145



Fitted Energies



Efit

Entries 288

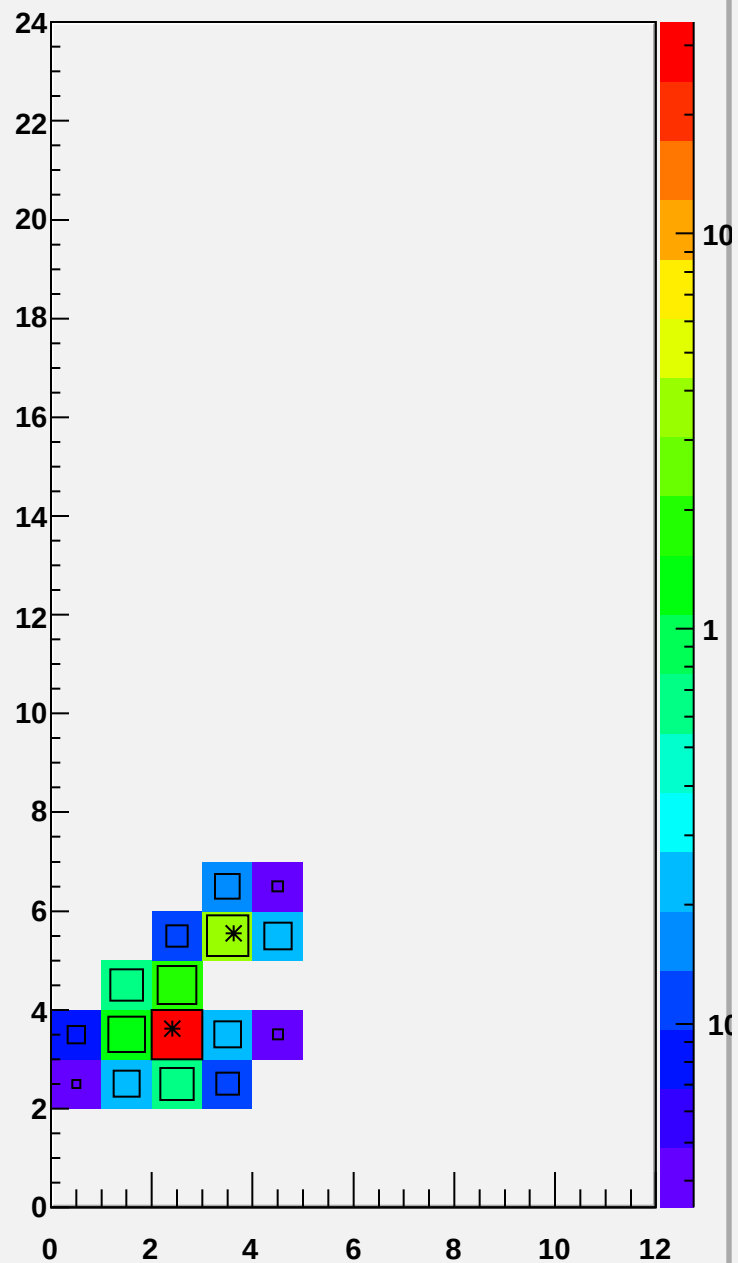
Mean x 2.725

Mean y 7.836

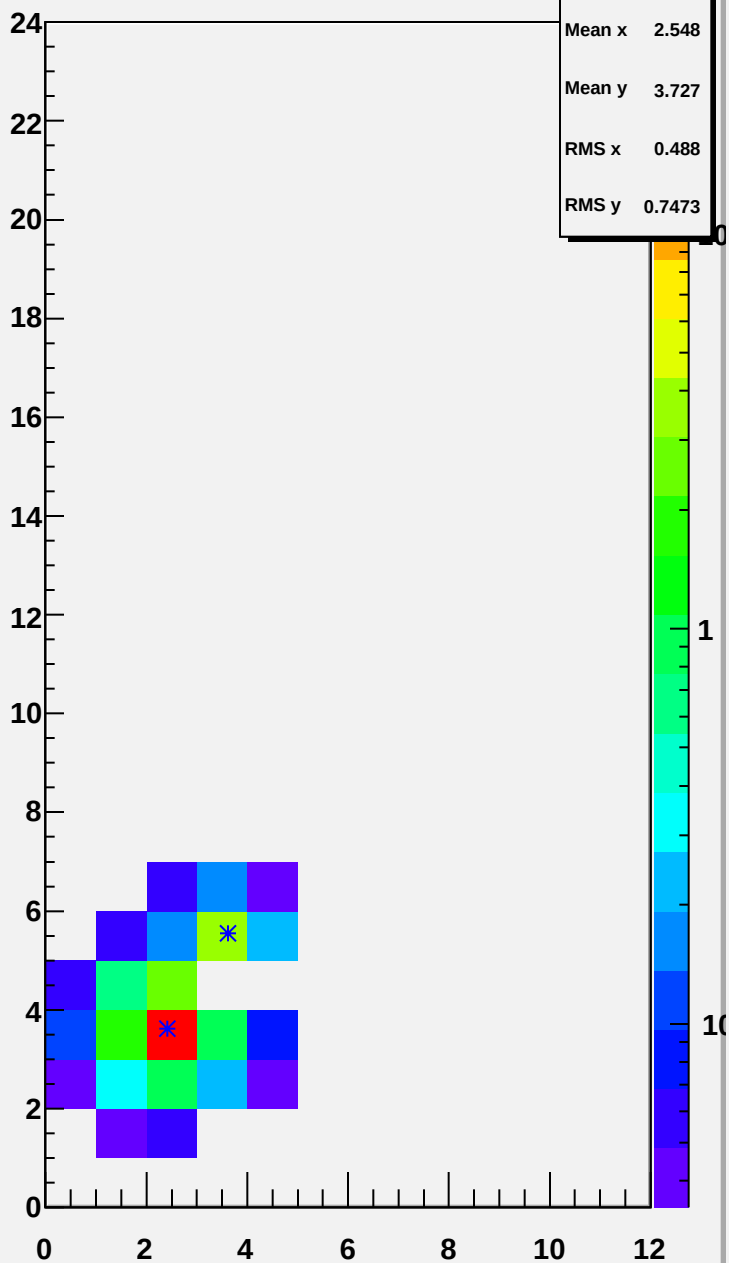
RMS x 1.824

RMS y 6.477

NSTB3_r4_c3_En=43.5_m0=0.166 m1=0.166 index=1146



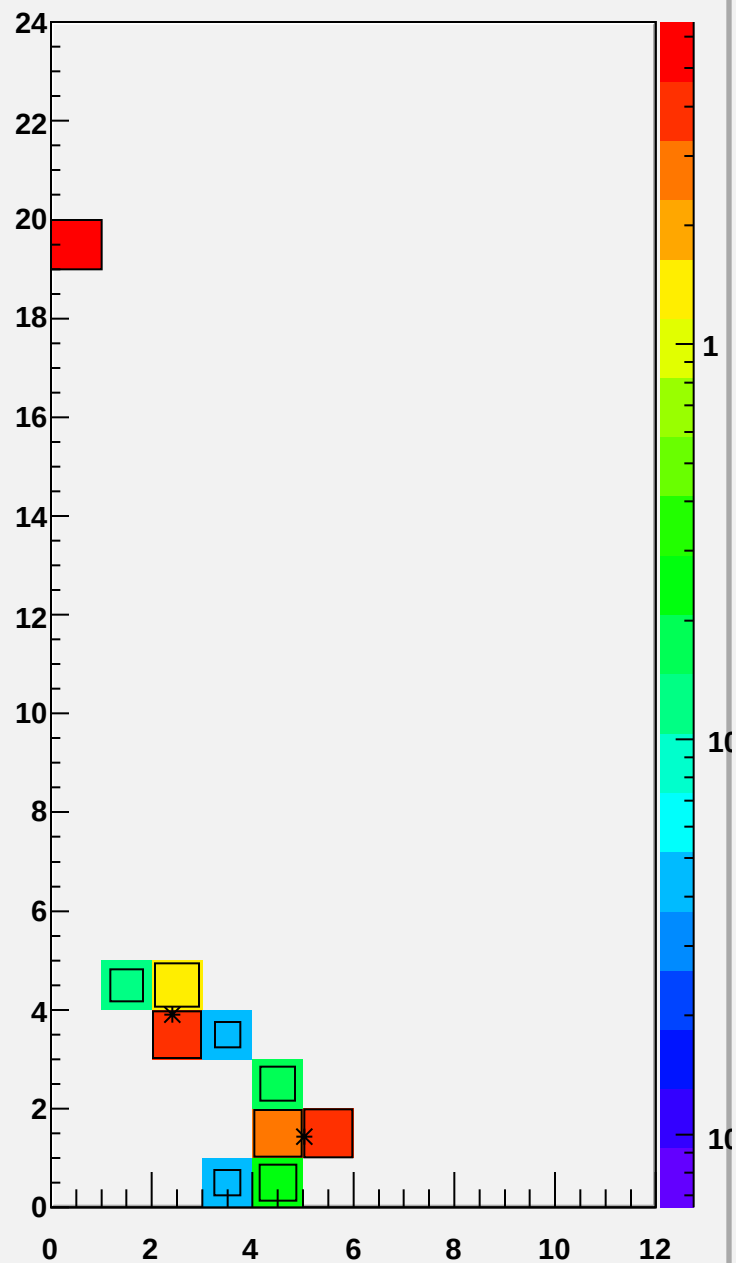
Fitted Energies



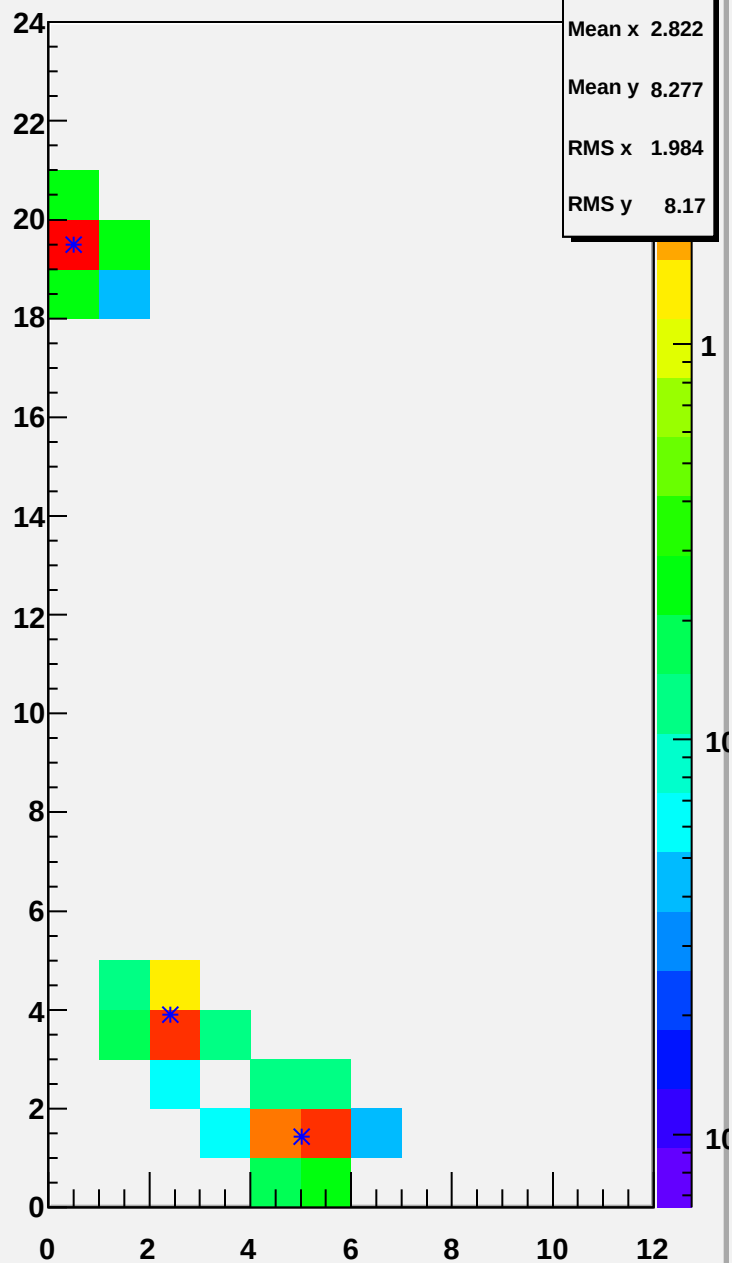
Efit

Entries	288
Mean x	2.548
Mean y	3.727
RMS x	0.488
RMS y	0.7473

NSTB3_r4_c3_En=18.5_m0=0.126 m1=0.126 index=1147



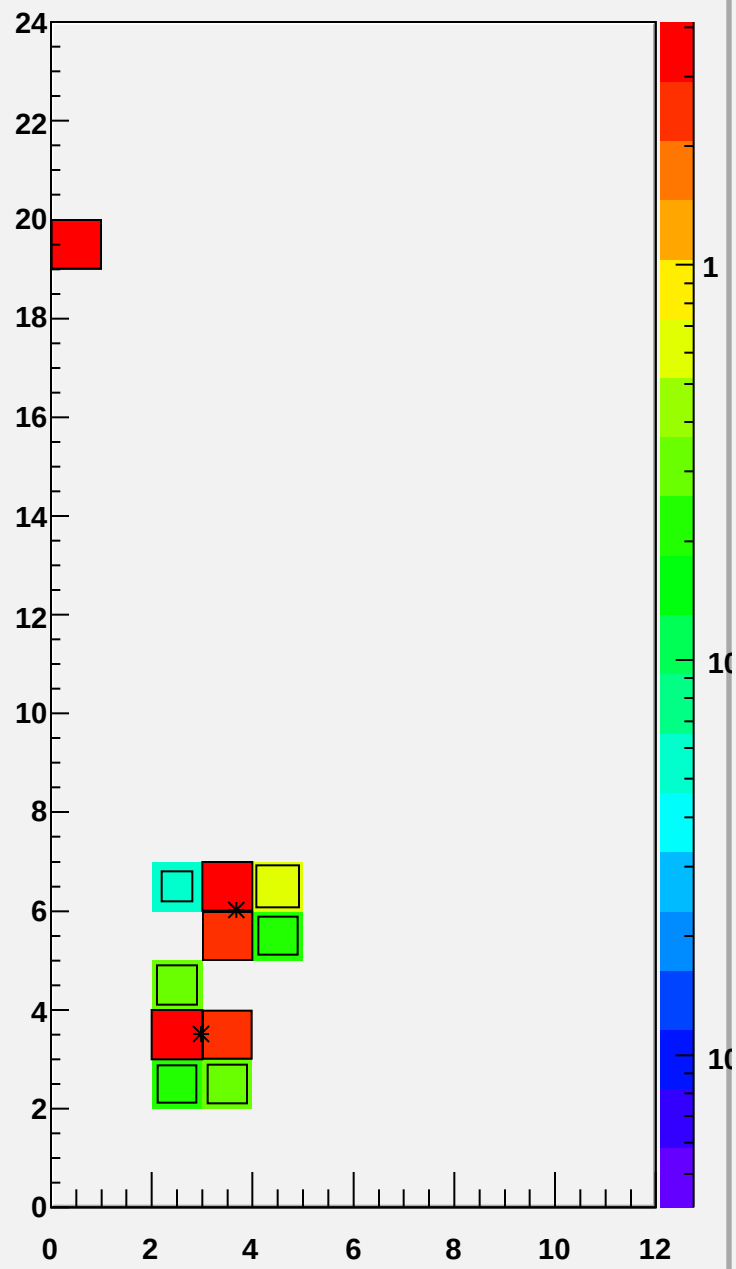
Fitted Energies



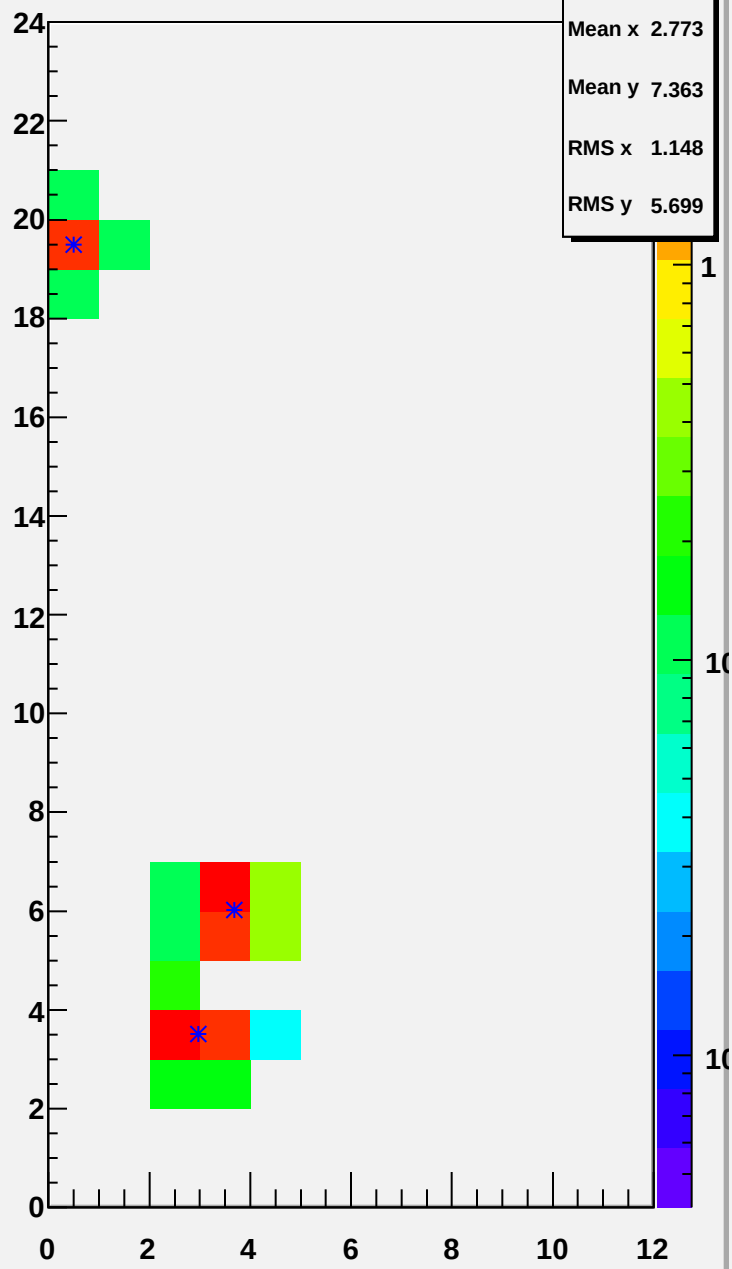
Efit

Entries 288
Mean x 2.822
Mean y 8.277
RMS x 1.984
RMS y 8.17

NSTB3_r4_c3_En=18.6_m0=0.116 m1=0.116 index=1148



Fitted Energies



Efit

Entries 288

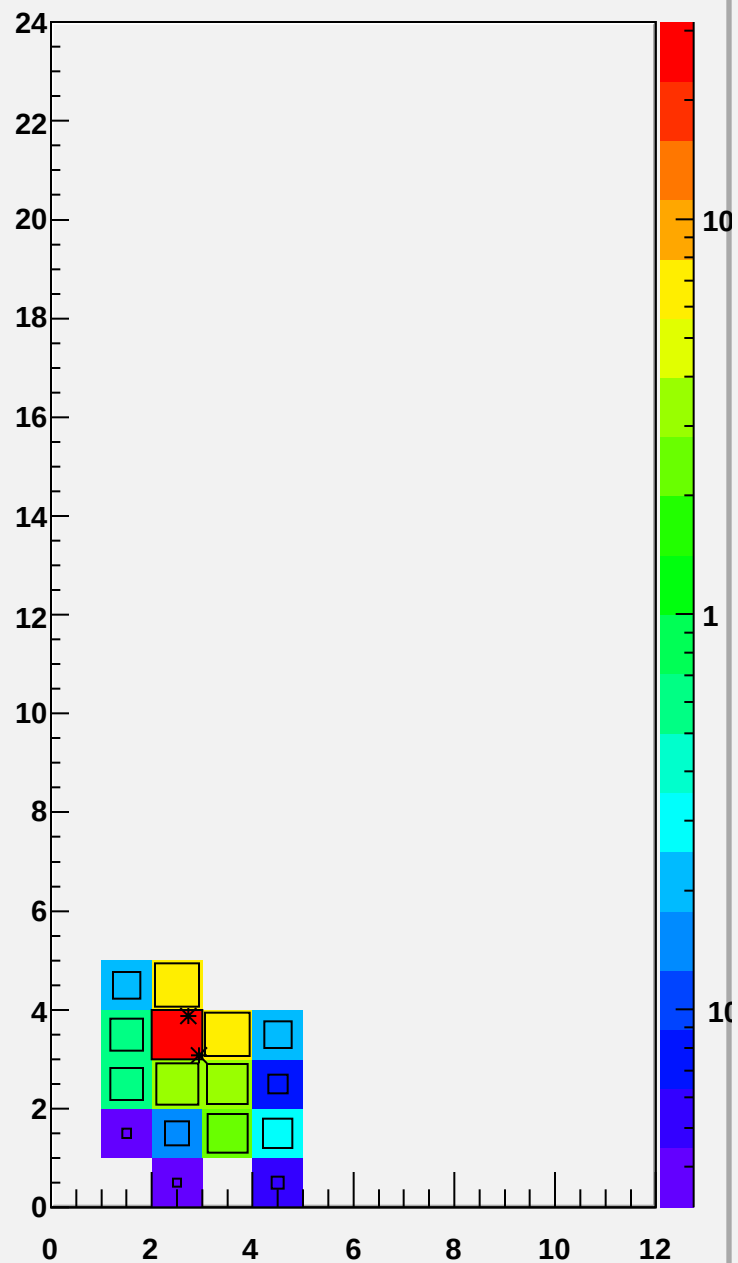
Mean x 2.773

Mean y 7.363

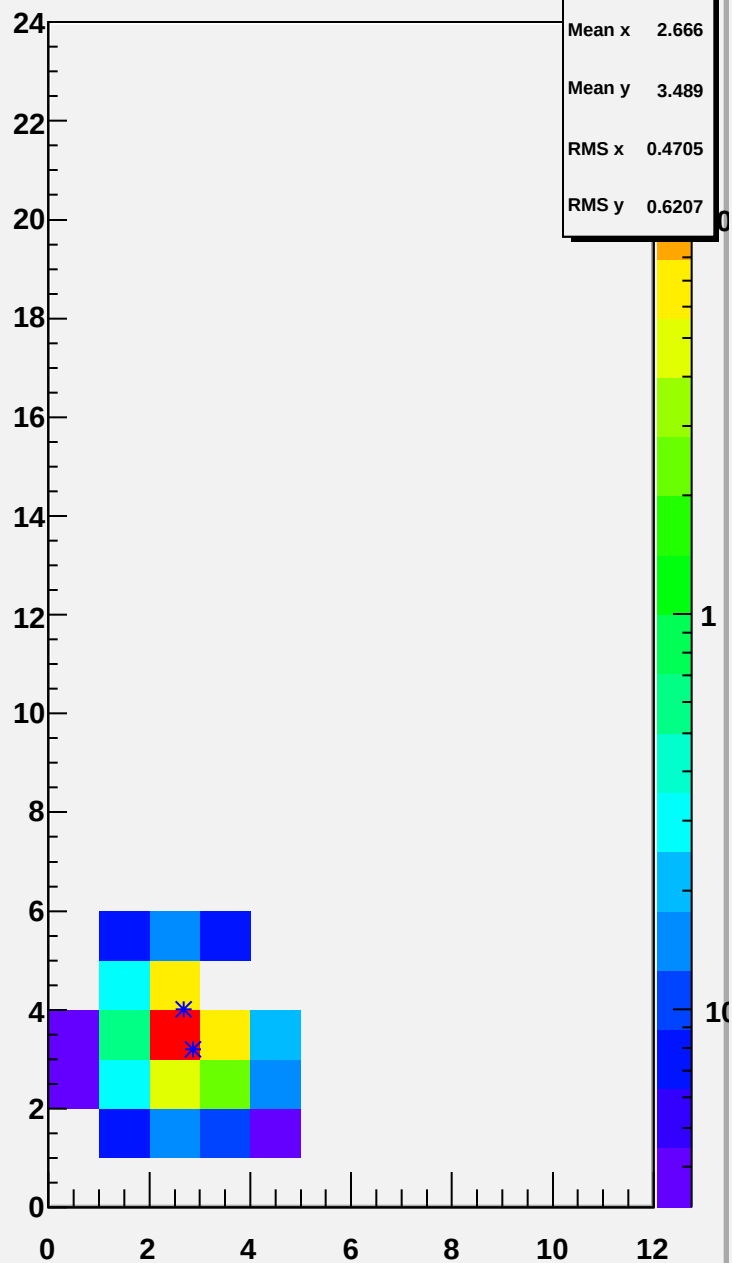
RMS x 1.148

RMS y 5.699

NSTB3_r4_c3_En=55.8_m0=0.121 m1=0.103 index=1150



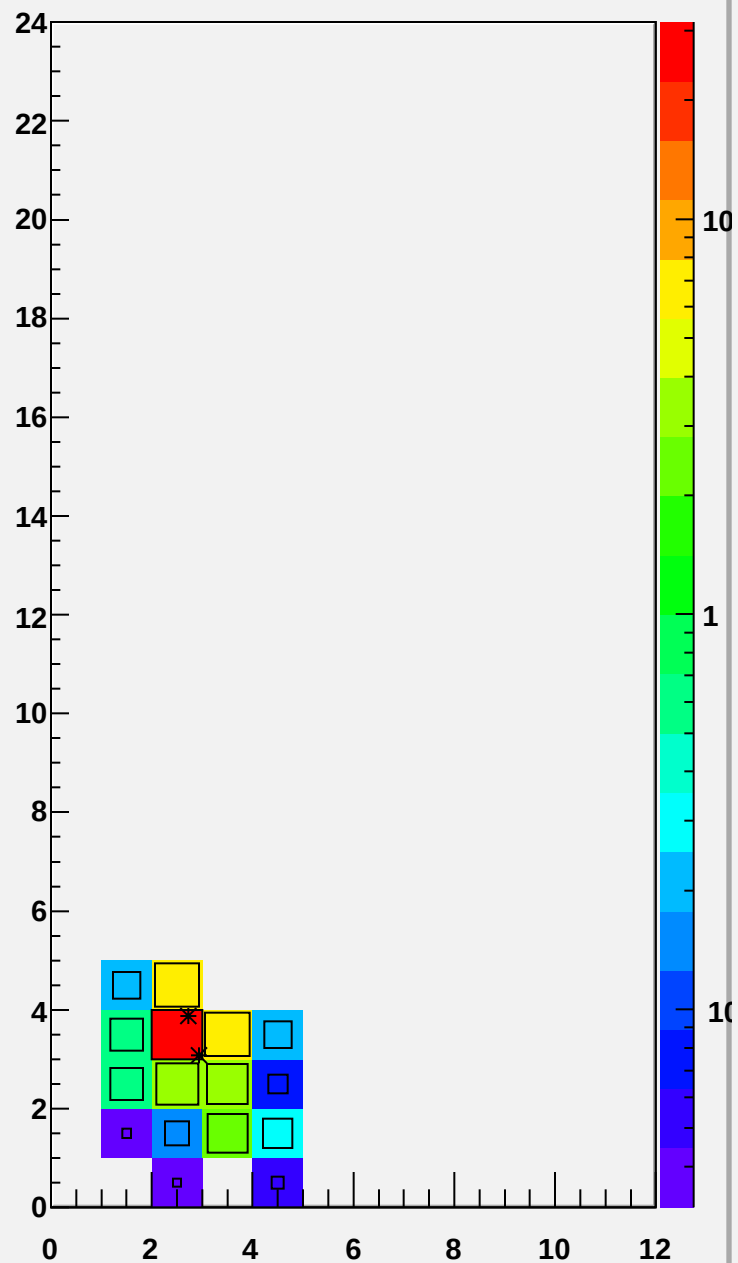
Fitted Energies



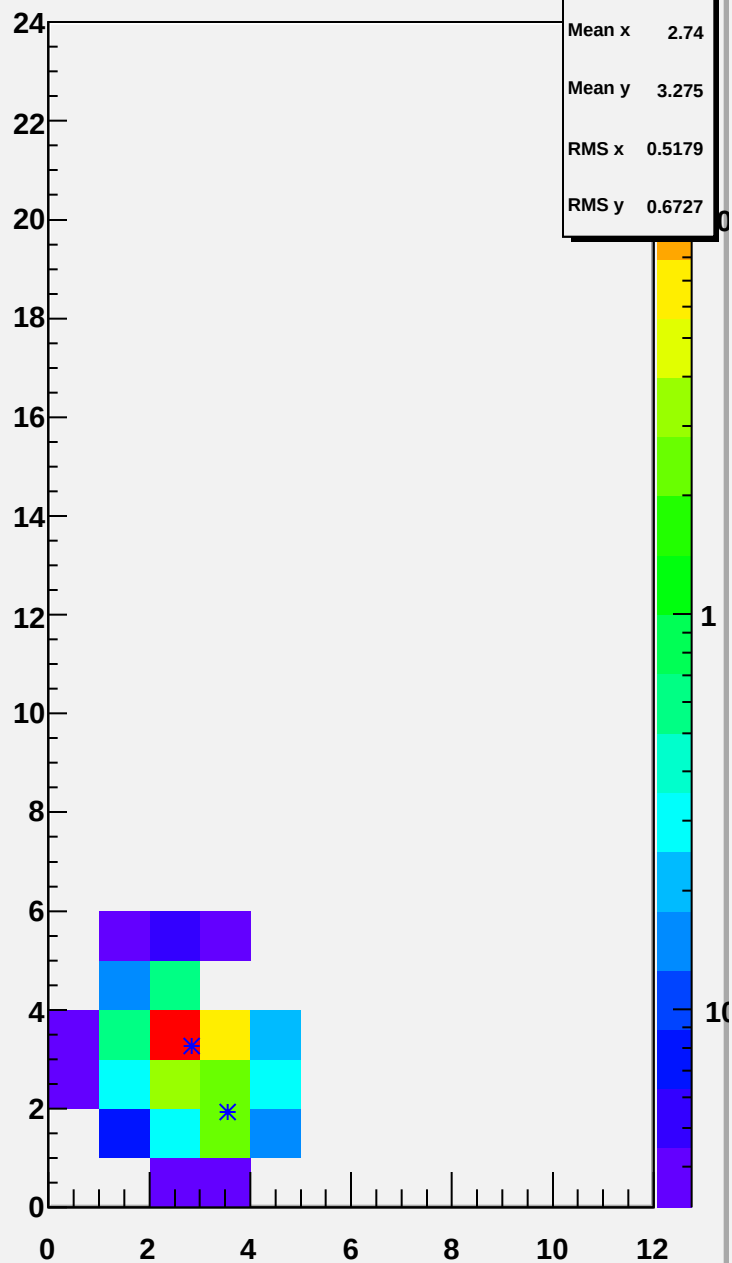
Efit

Entries	288
Mean x	2.666
Mean y	3.489
RMS x	0.4705
RMS y	0.6207

NSTB3_r4_c3_En=55.8_m0=0.121_m1=-0.000_index=1151



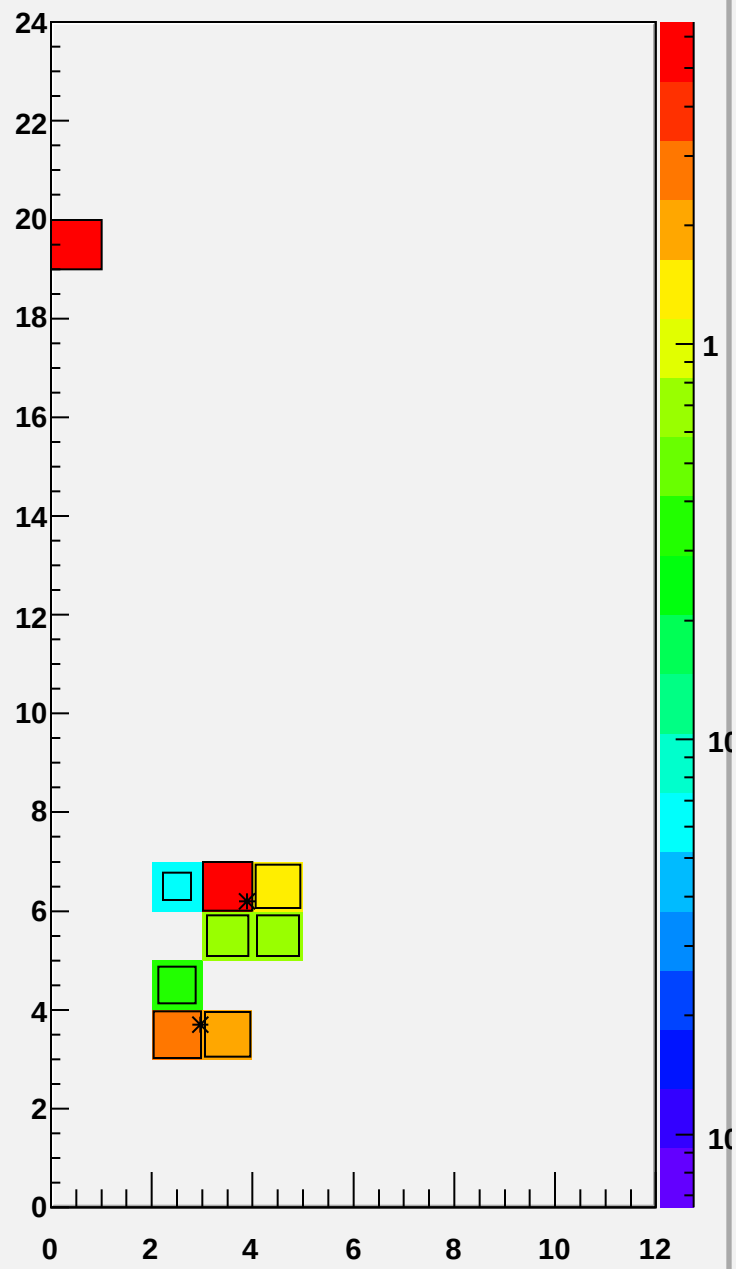
Fitted Energies



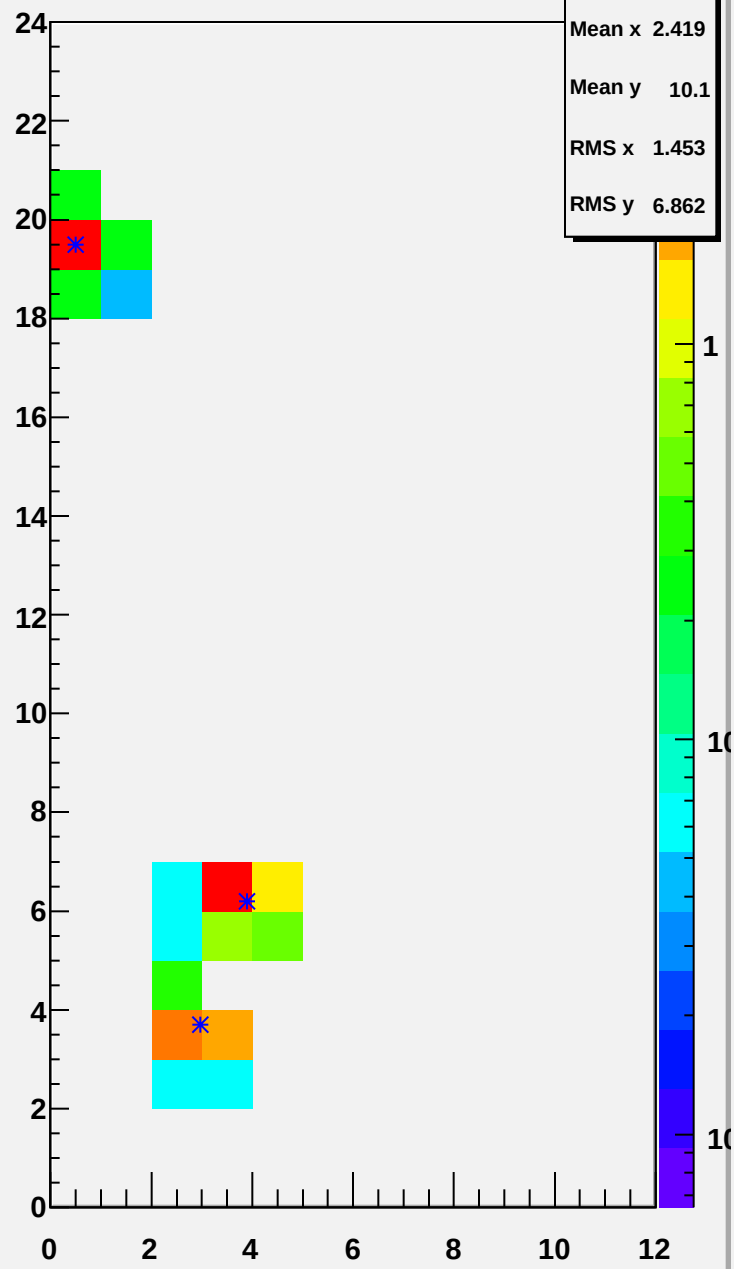
Efit

Entries	288
Mean x	2.74
Mean y	3.275
RMS x	0.5179
RMS y	0.6727

NSTB3_r4_c3_En=19.2_m0=0.097 m1=0.097 index=1152



Fitted Energies



Efit

Entries 288

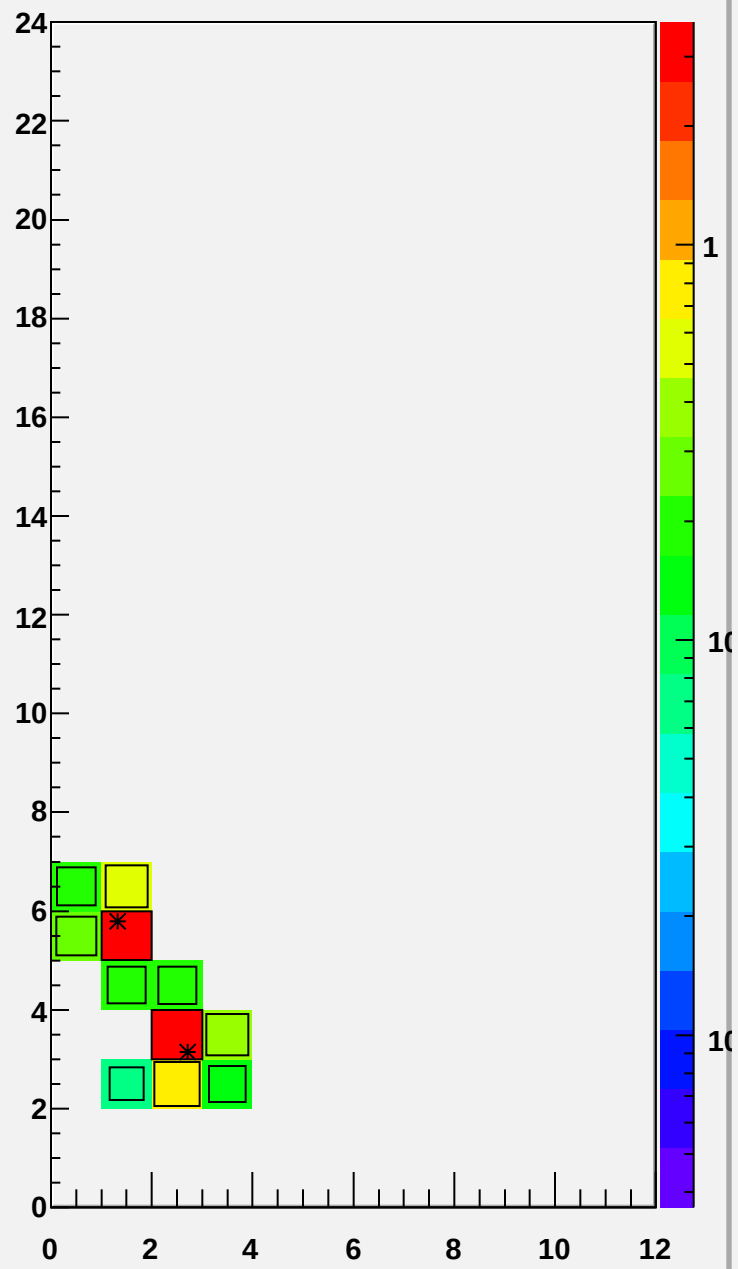
Mean x 2.419

Mean y 10.1

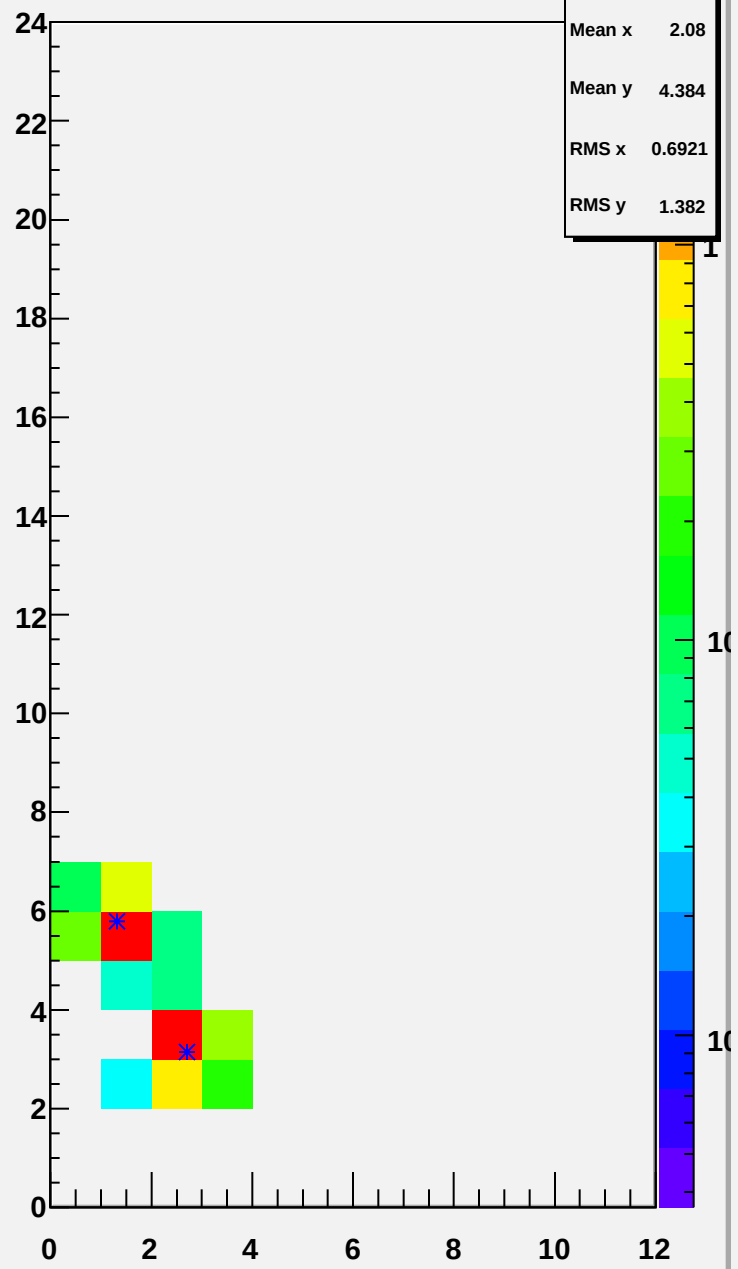
RMS x 1.453

RMS y 6.862

NSTB3_r4_c3_En= 9.7_m0=0.081 m1=0.081 index=1153



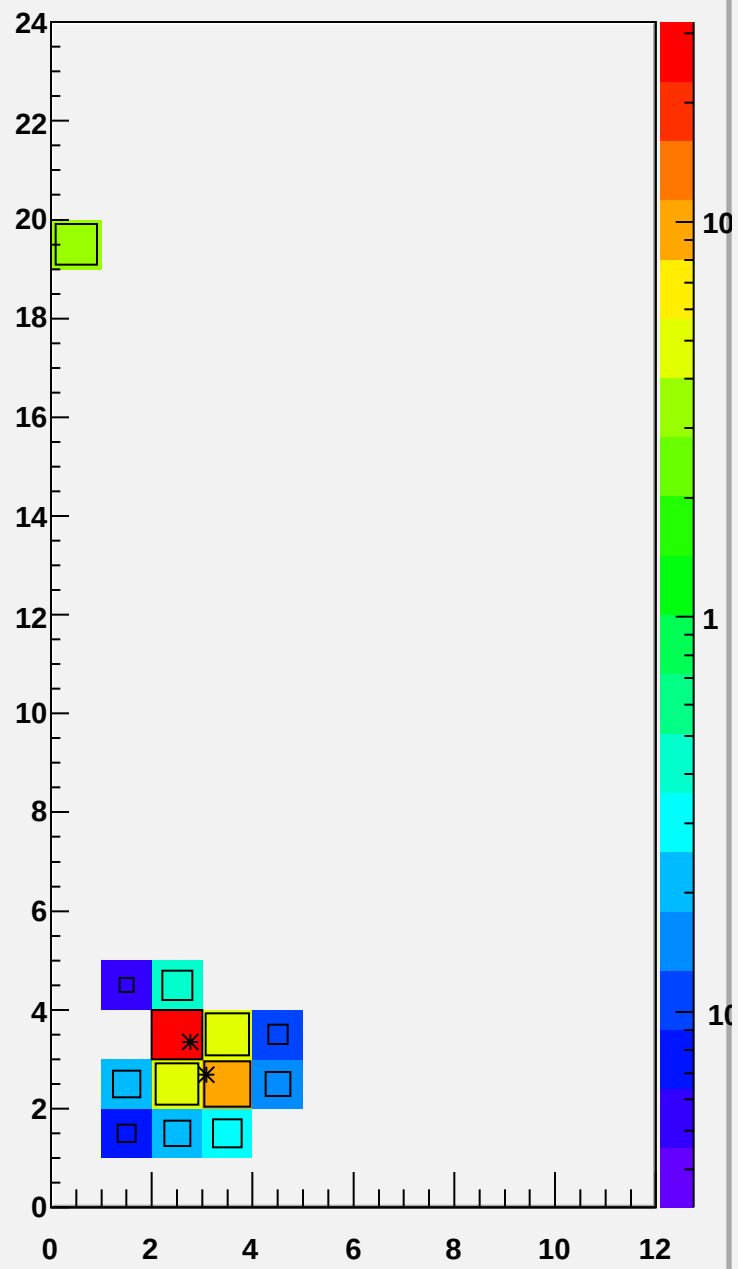
Fitted Energies



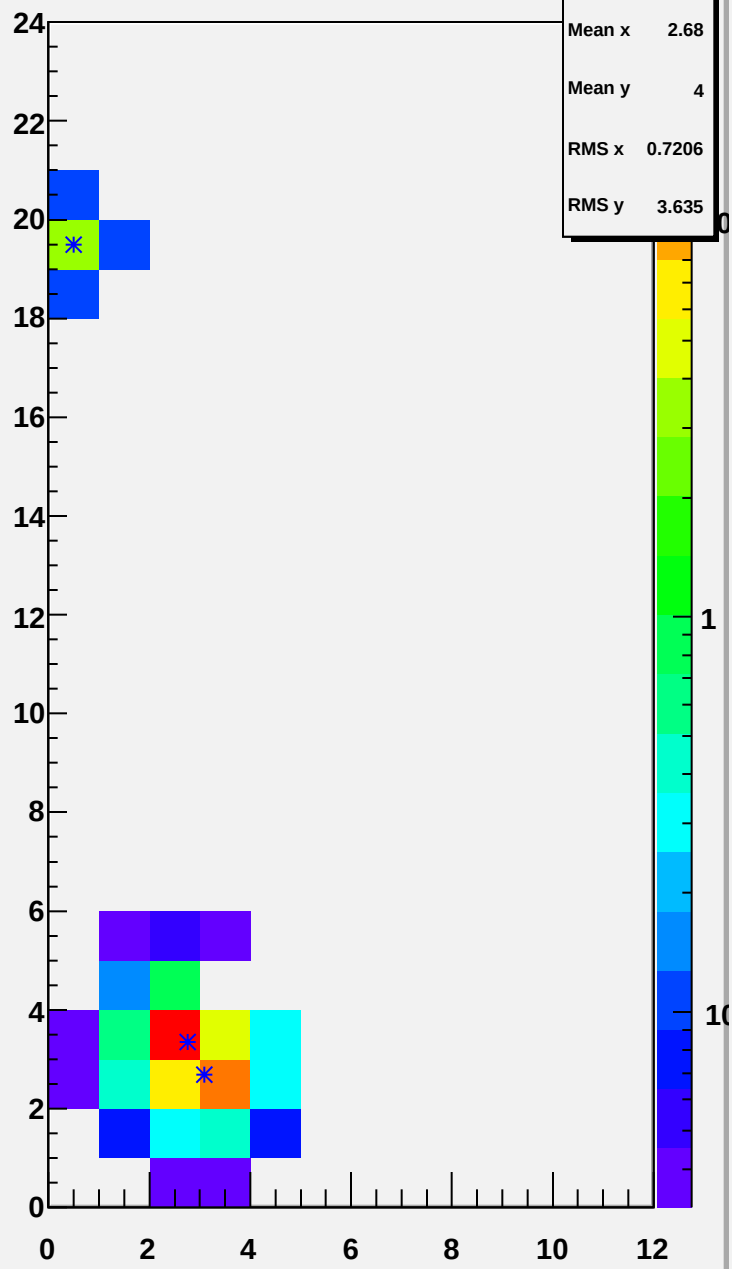
Efit

Entries	288
Mean x	2.08
Mean y	4.384
RMS x	0.6921
RMS y	1.382

NSTB3_r4_c3_En=57.0_m0=0.110 m1=0.111 index=1155



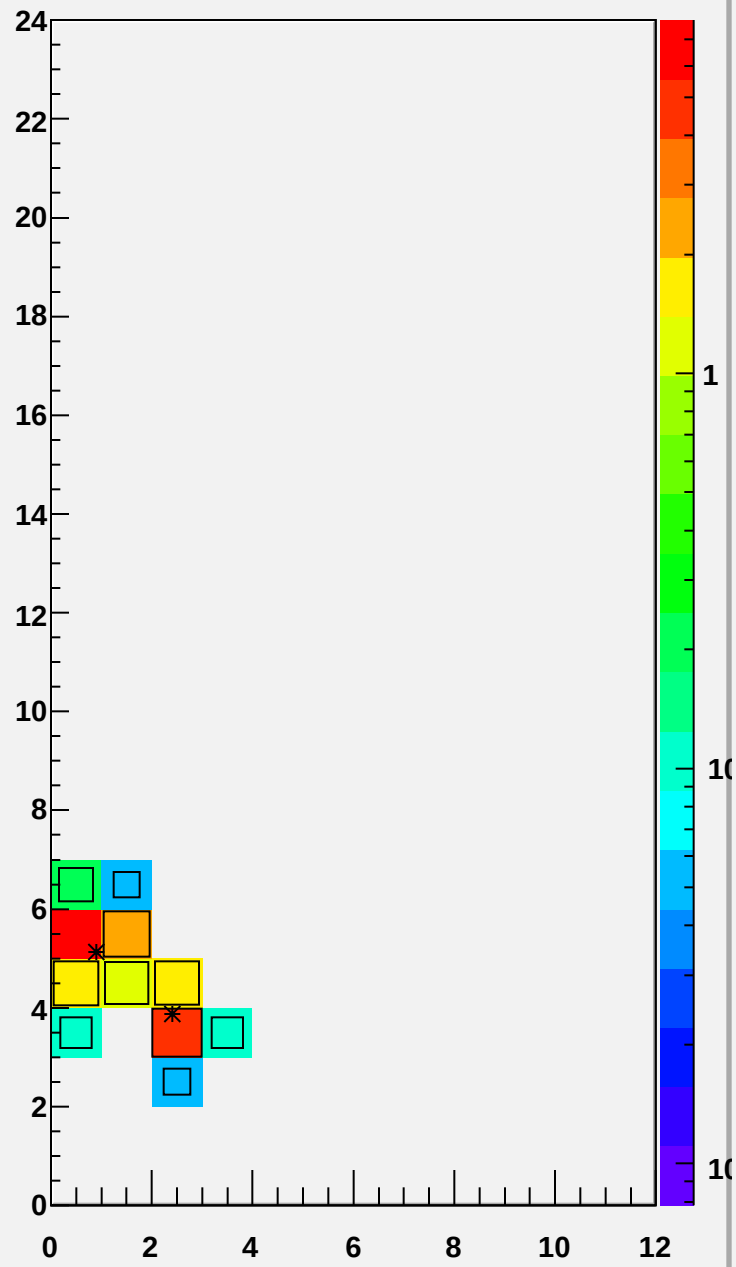
Fitted Energies



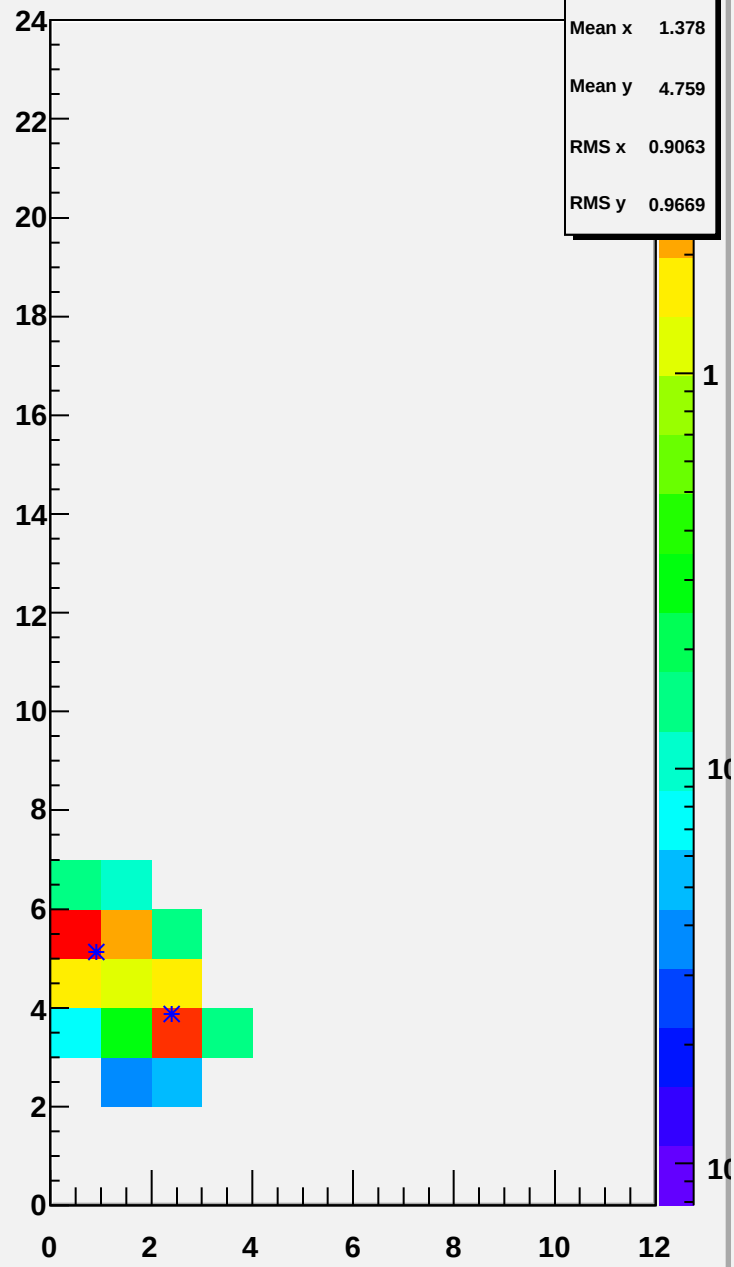
Efit

Entries	288
Mean x	2.68
Mean y	4
RMS x	0.7206
RMS y	3.635

NSTB3_r4_c3_En=20.8_m0=0.113 m1=0.113 index=1156



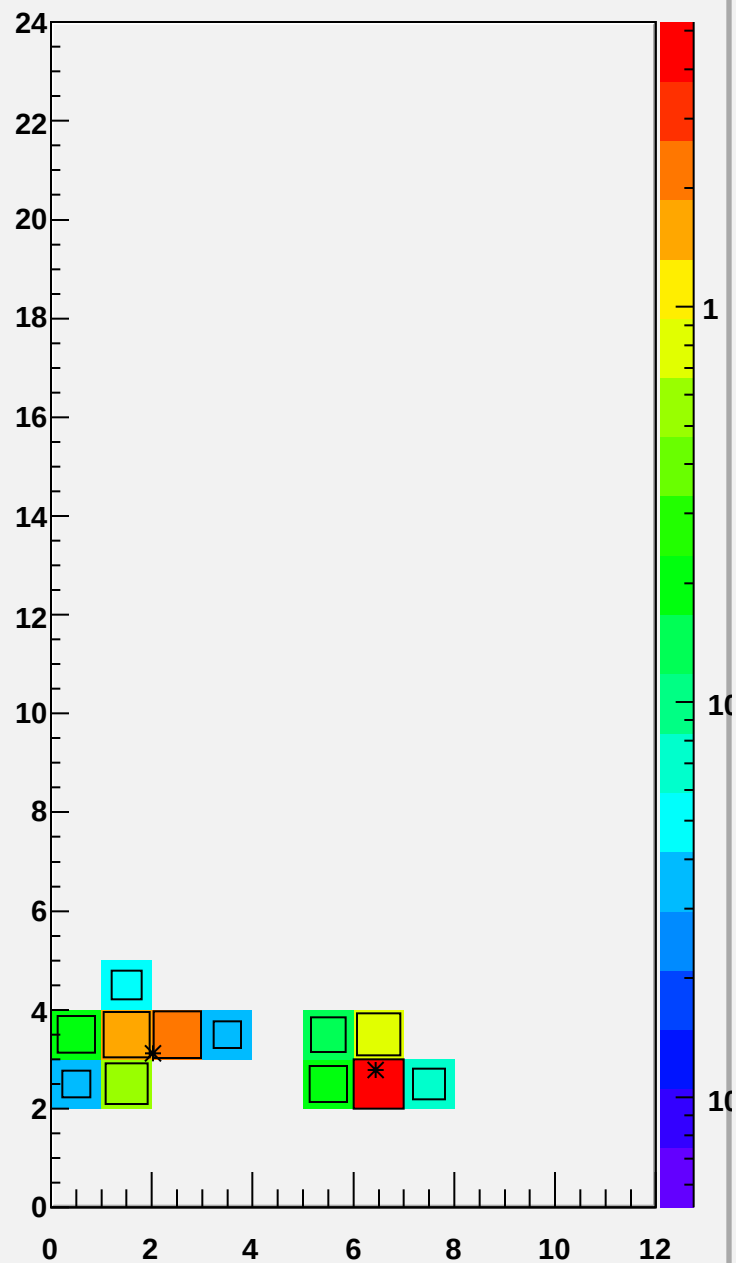
Fitted Energies



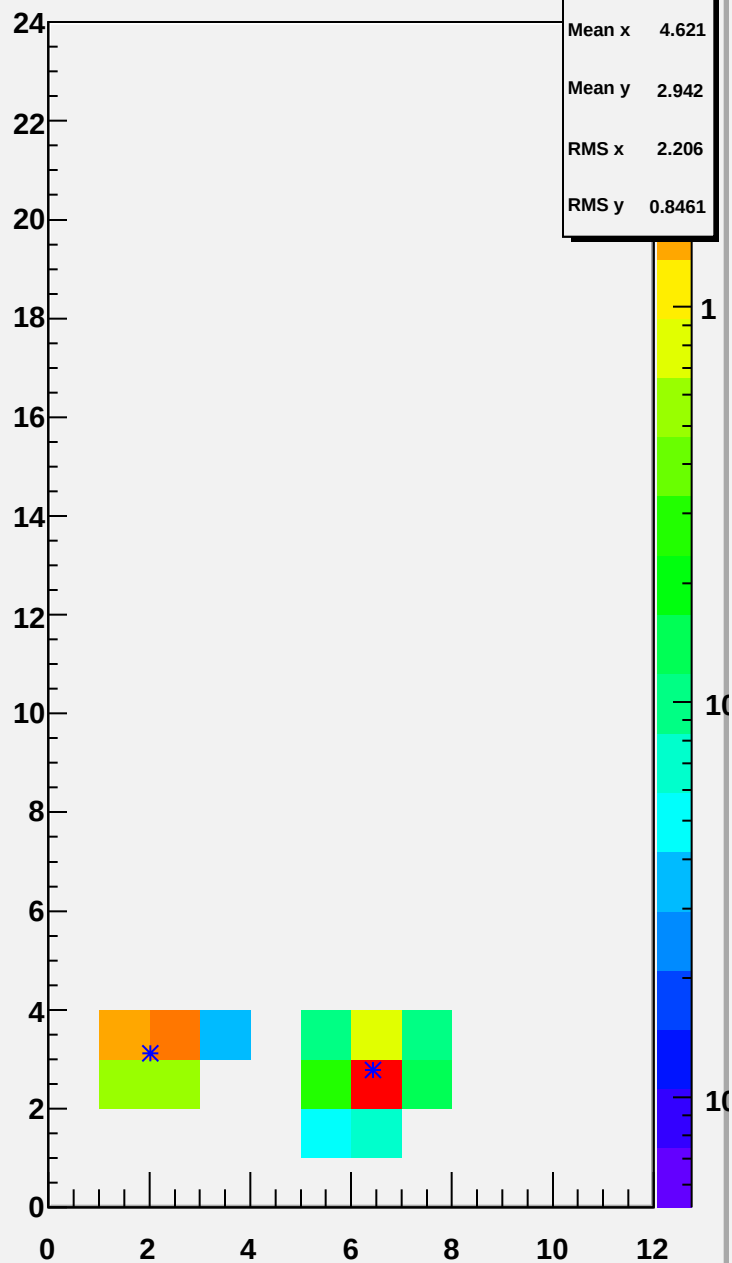
Efit

Entries	288
Mean x	1.378
Mean y	4.759
RMS x	0.9063
RMS y	0.9669

NSTB3_r4_c3_En=11.3_m0=0.146 m1=0.146 index=1157



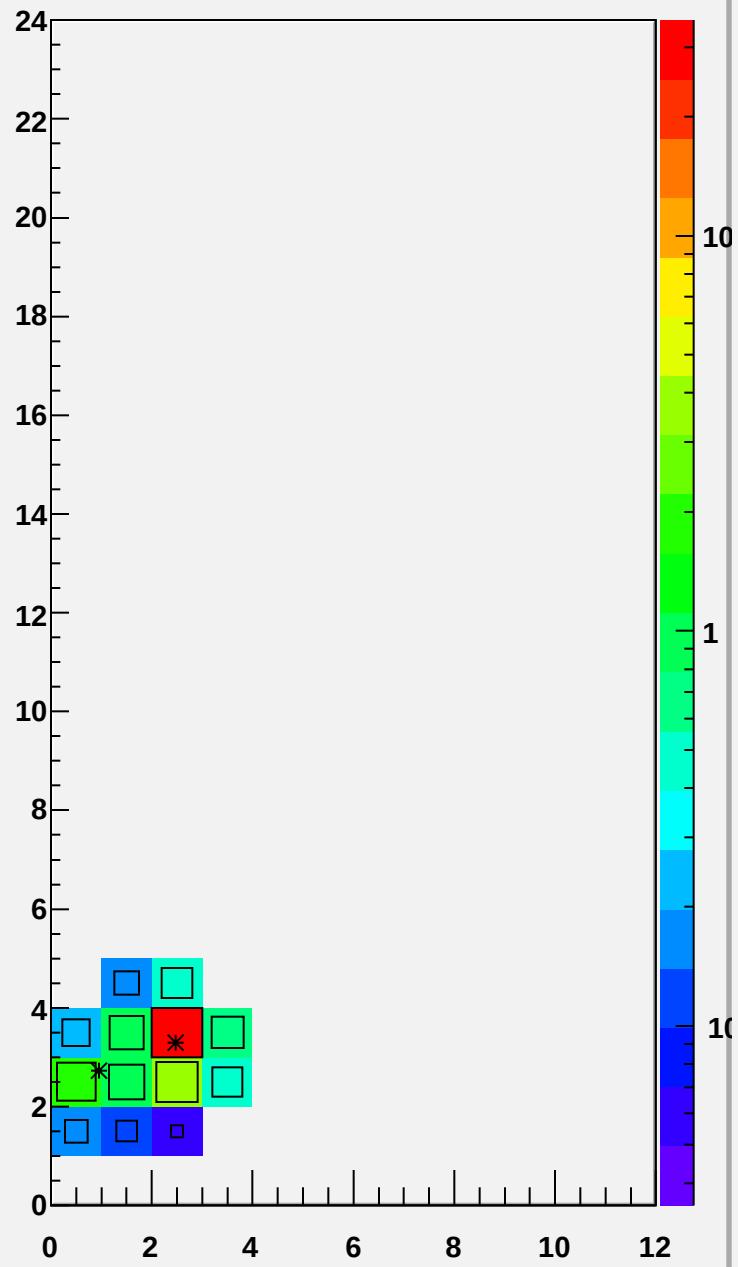
Fitted Energies



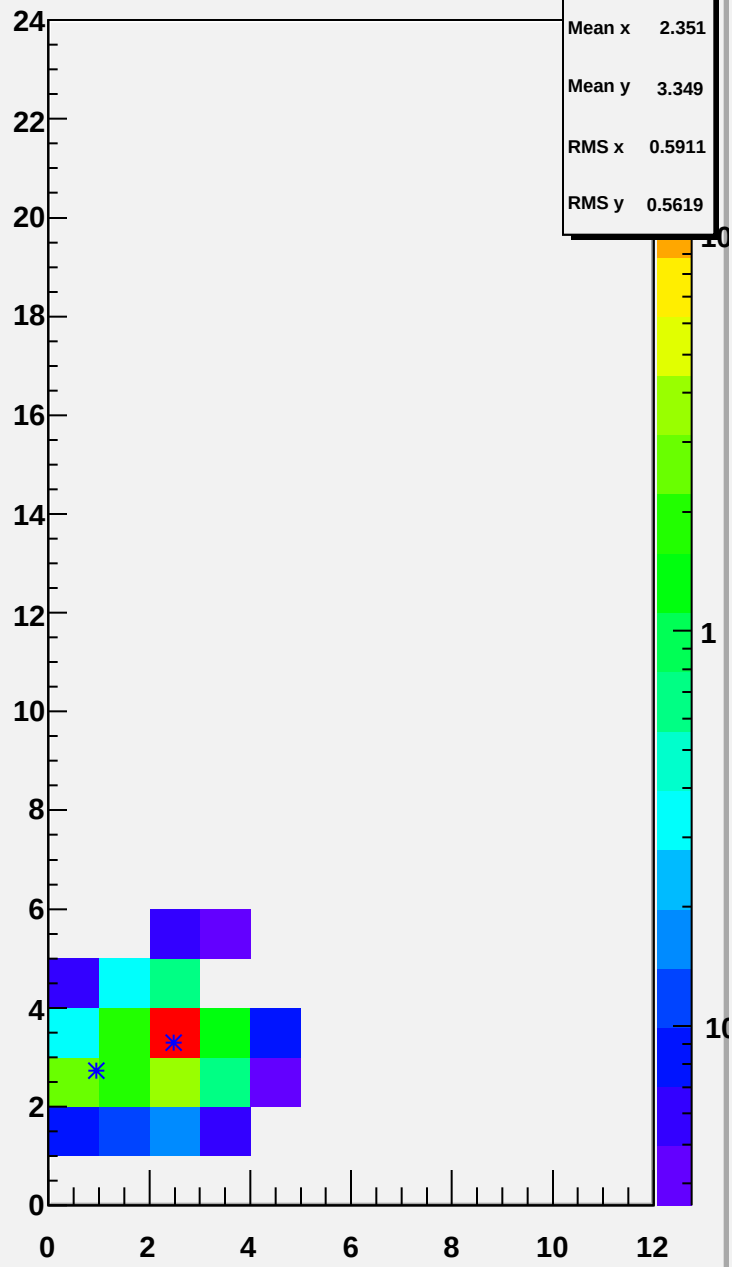
Efit

Entries	288
Mean x	4.621
Mean y	2.942
RMS x	2.206
RMS y	0.8461

NSTB3_r4_c3_En=44.8_m0=0.117 m1=0.117 index=1160



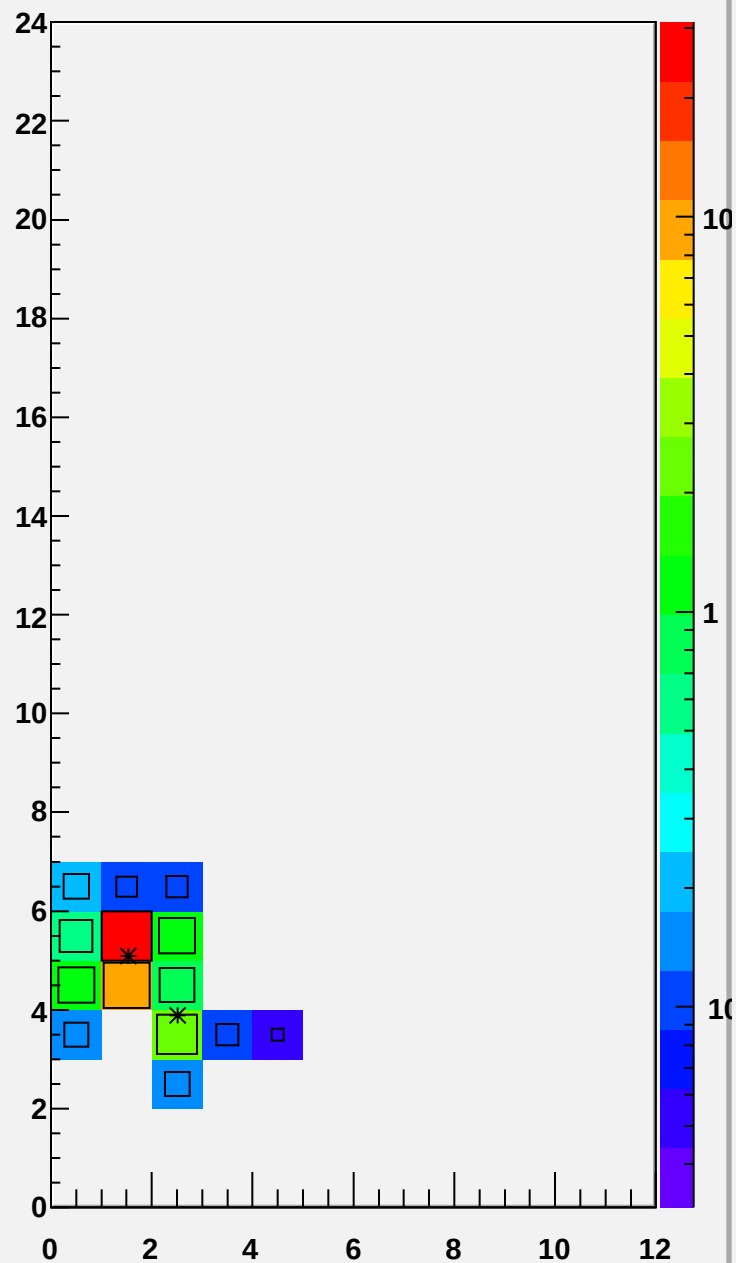
Fitted Energies



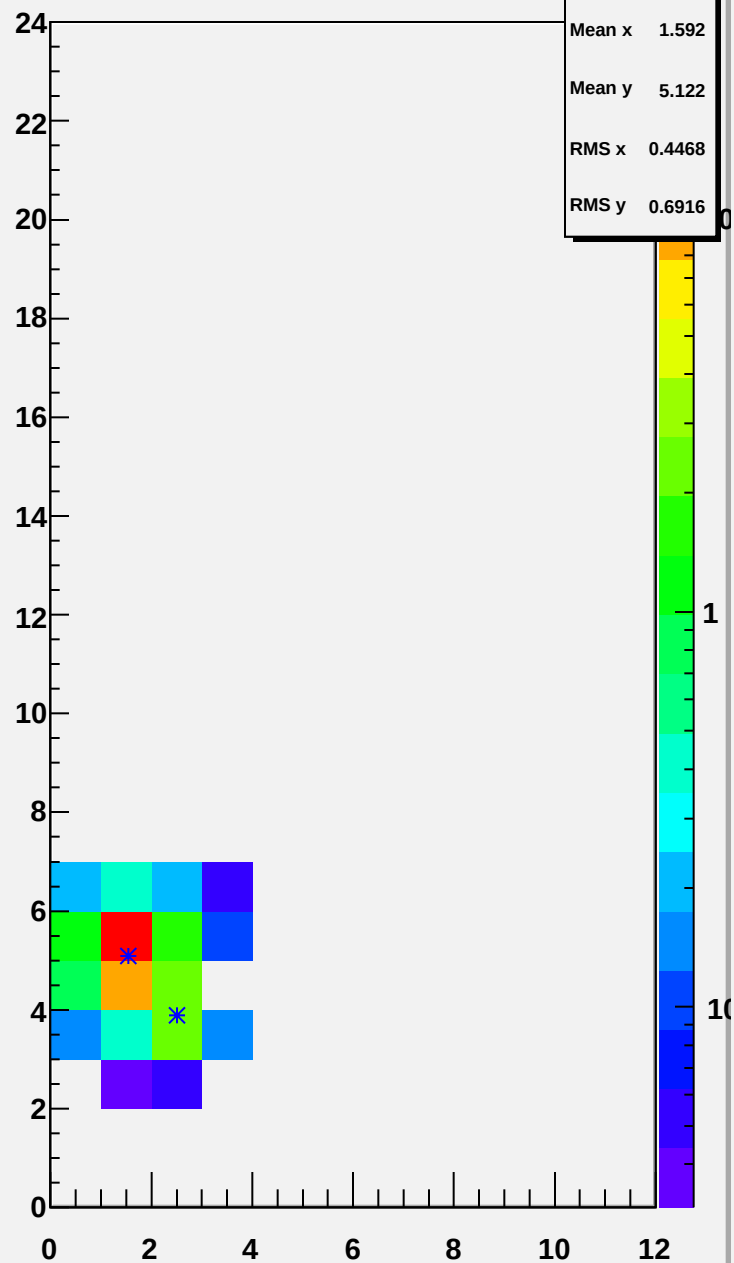
Efit

Entries	288
Mean x	2.351
Mean y	3.349
RMS x	0.5911
RMS y	0.5619

NSTB3_r4_c3_En=48.8_m0=0.116_m1=0.116_index=1161



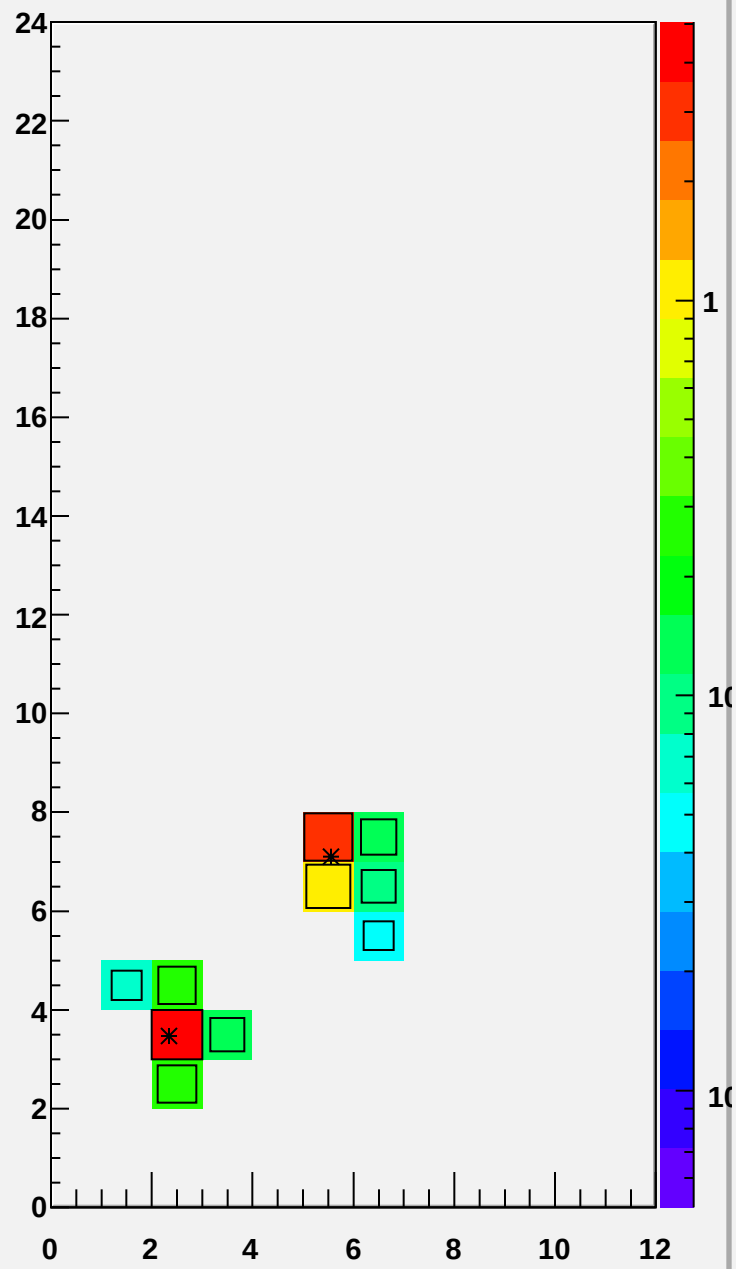
Fitted Energies



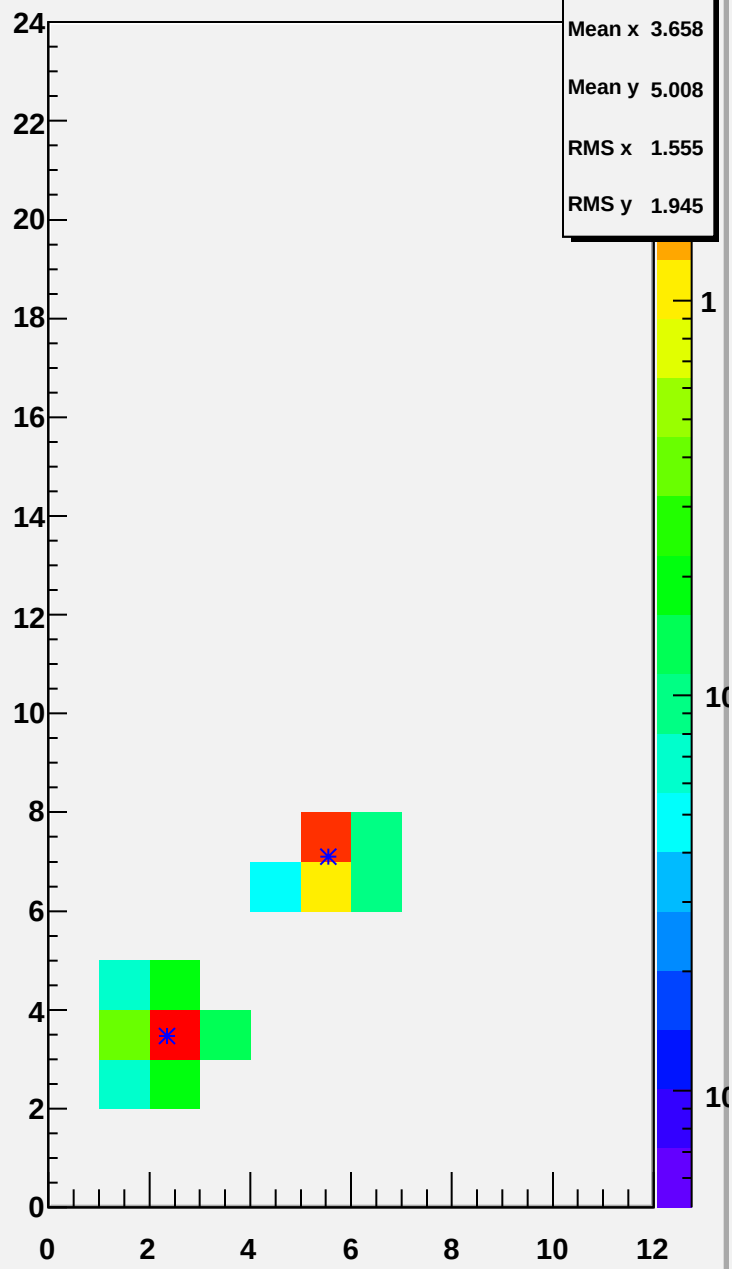
Efit

Entries	288
Mean x	1.592
Mean y	5.122
RMS x	0.4468
RMS y	0.6916

NSTB3_r4_c3_En= 9.8_m0=0.140 m1=0.140 index=1162



Fitted Energies



Efit

Entries 288

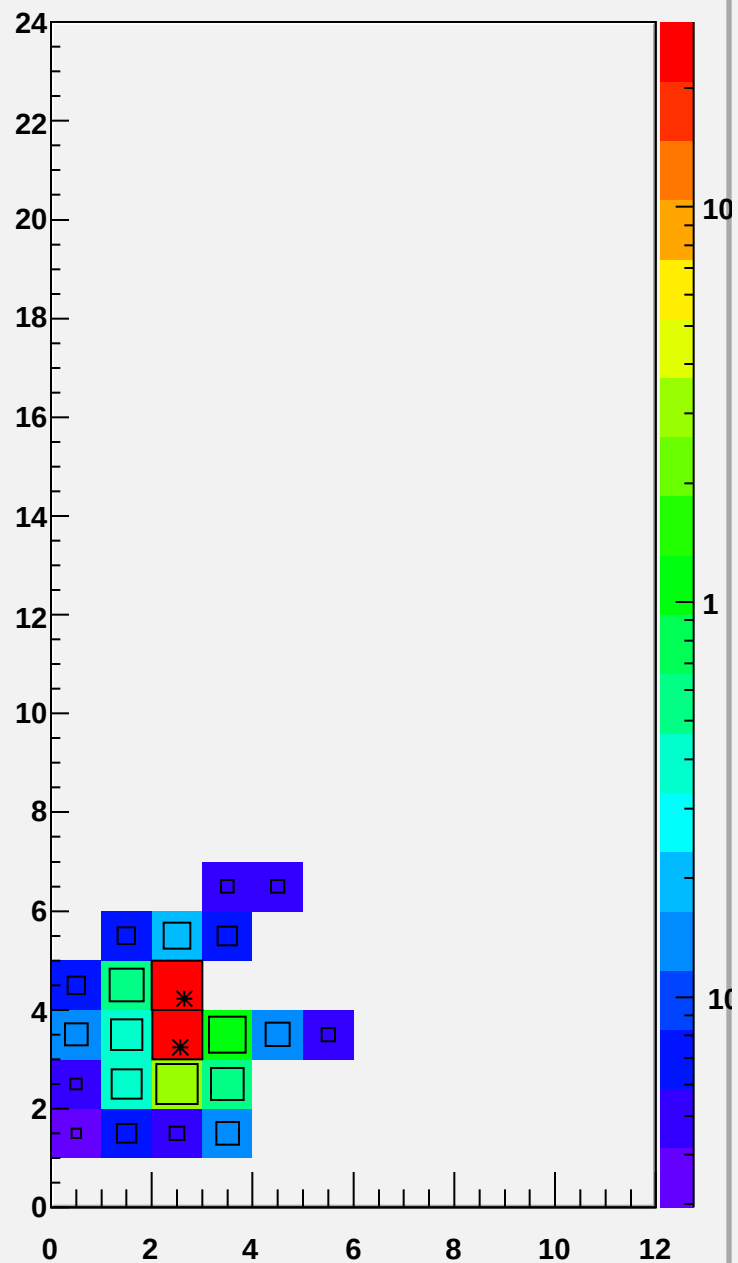
Mean x 3.658

Mean y 5.008

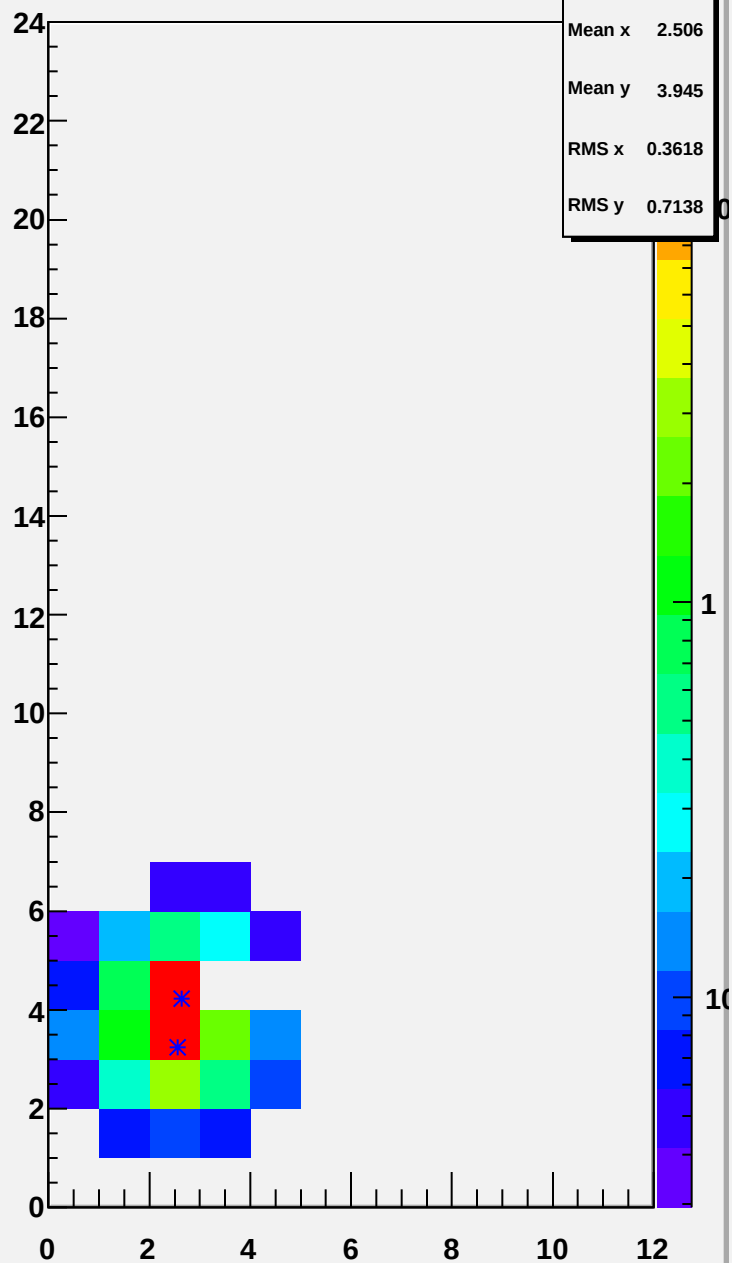
RMS x 1.555

RMS y 1.945

NSTB3_r4_c3_En=62.3_m0=0.172 m1=0.172 index=1163



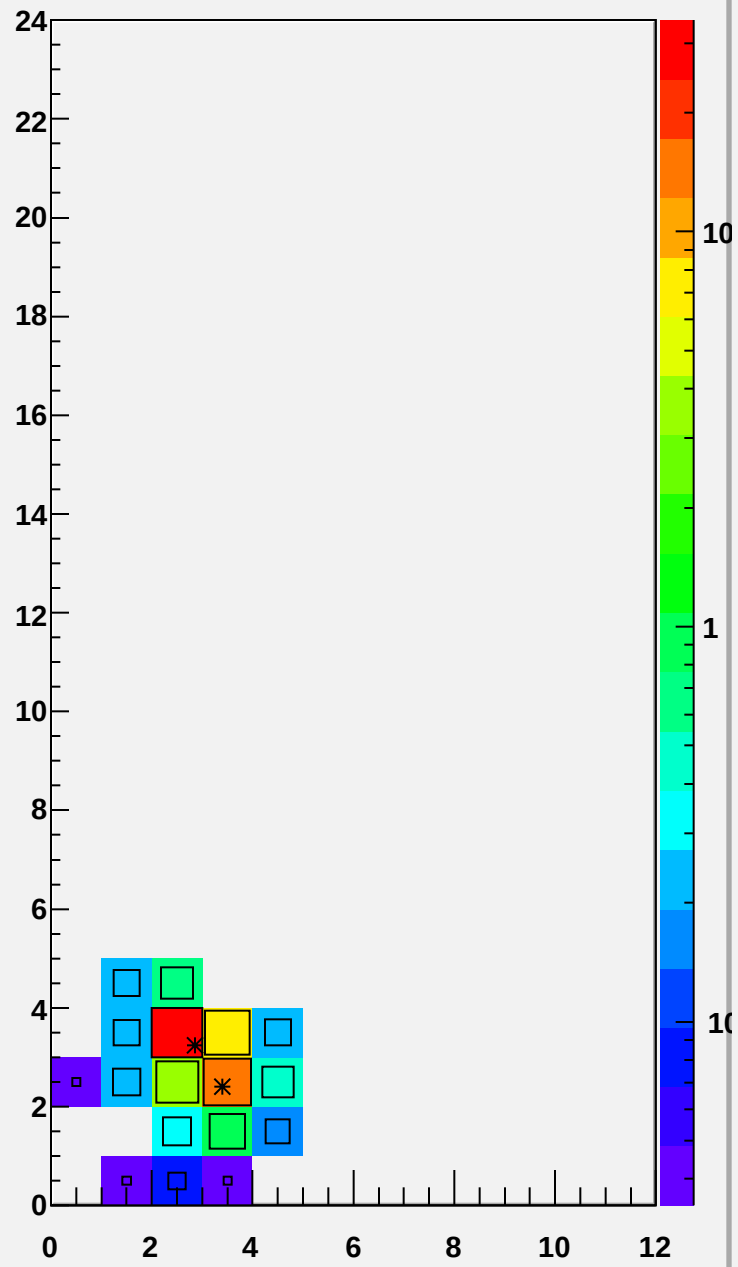
Fitted Energies



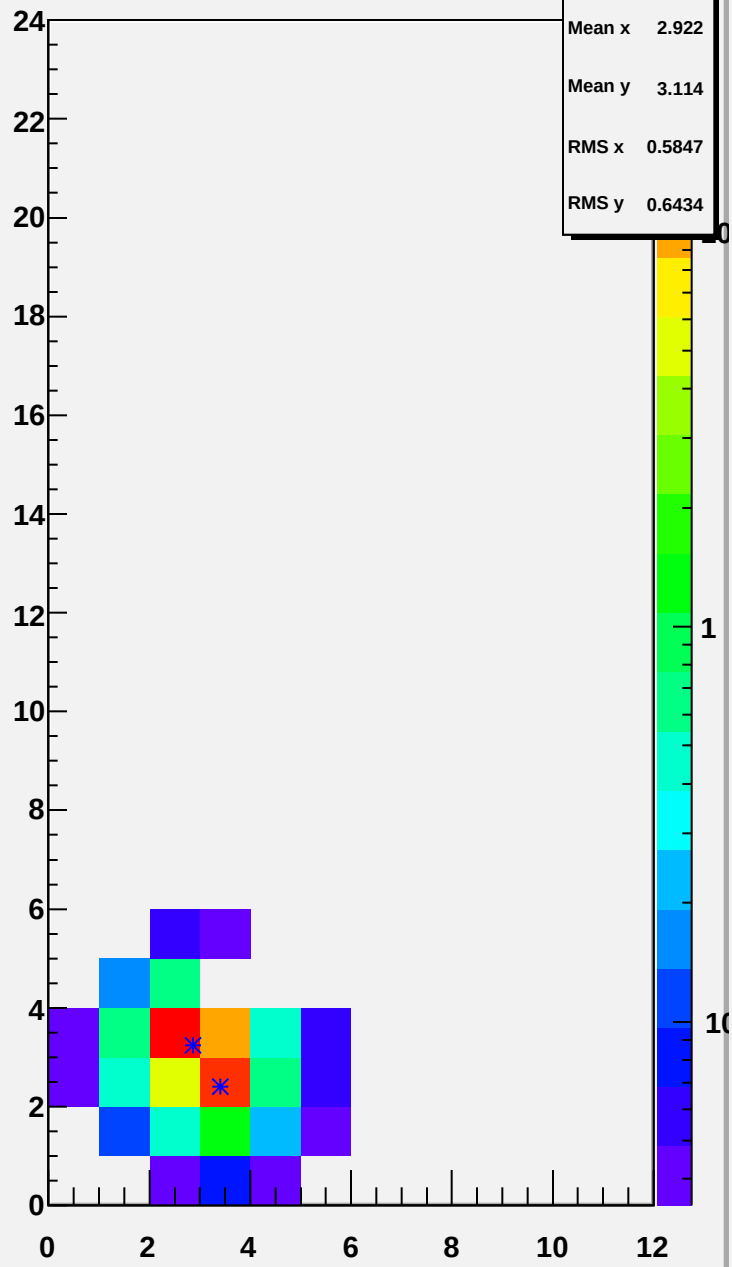
Efit

Entries	288
Mean x	2.506
Mean y	3.945
RMS x	0.3618
RMS y	0.7138

NSTB3_r4_c3_En=67.0_m0=0.179 m1=0.178 index=1165



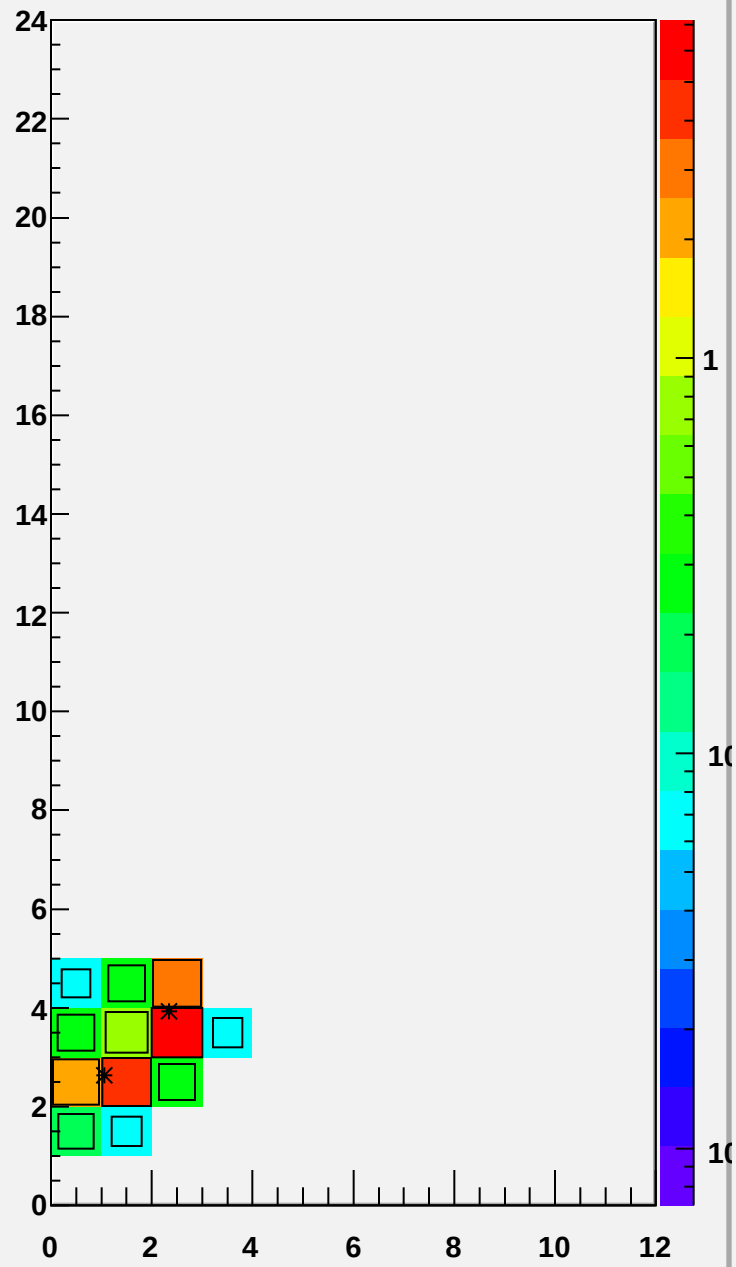
Fitted Energies



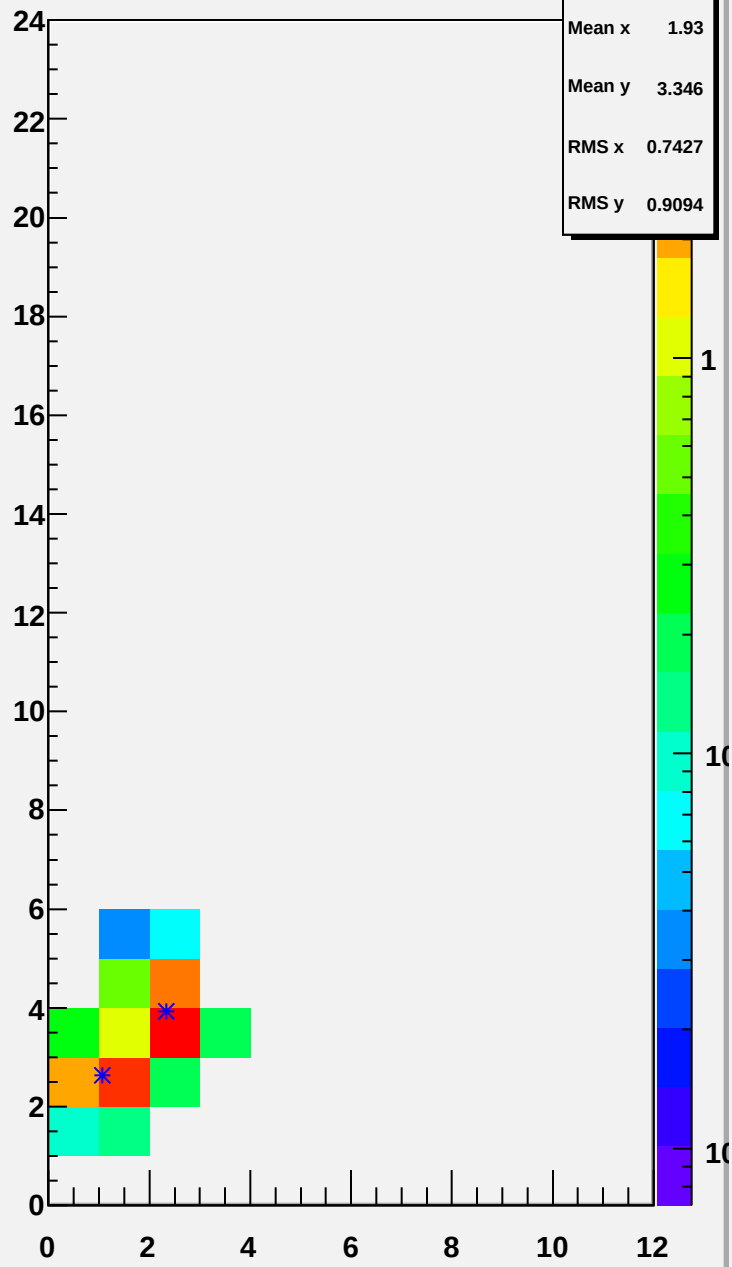
Efit

Entries	288
Mean x	2.922
Mean y	3.114
RMS x	0.5847
RMS y	0.6434

NSTB3_r4_c3_En=19.2_m0=0.098 m1=0.098 index=1166



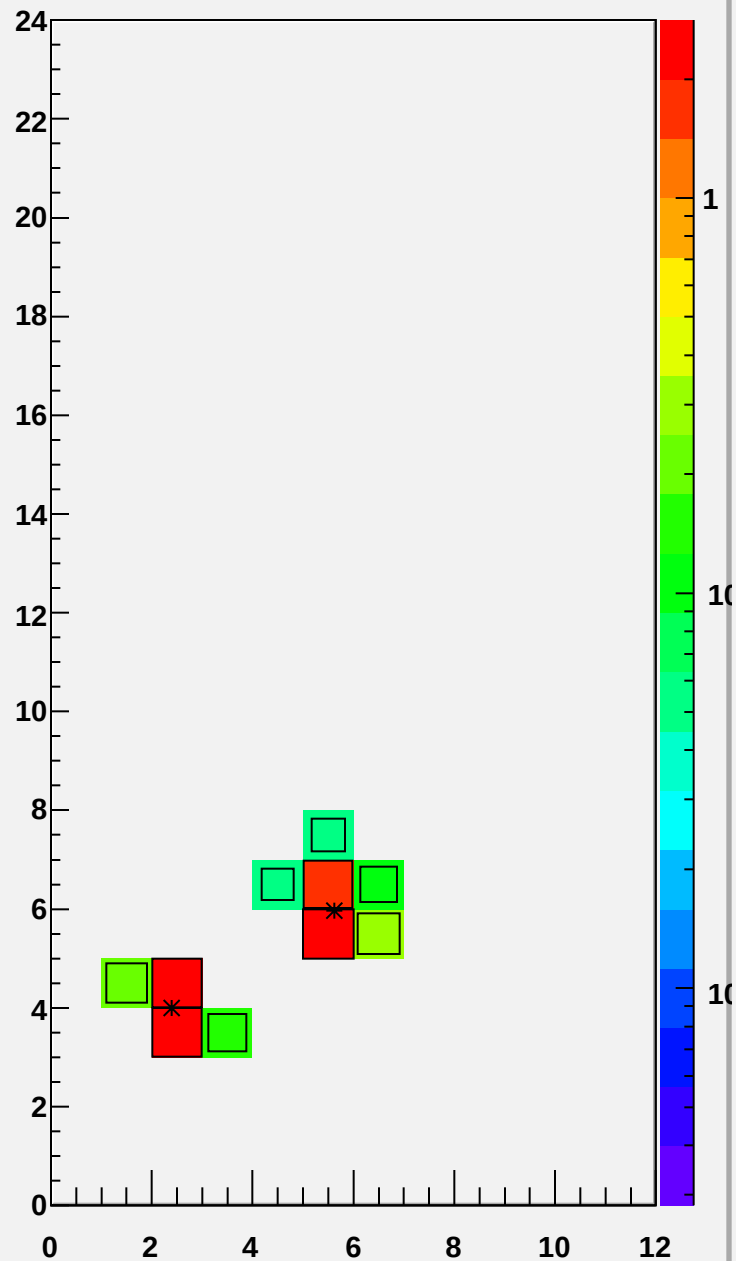
Fitted Energies



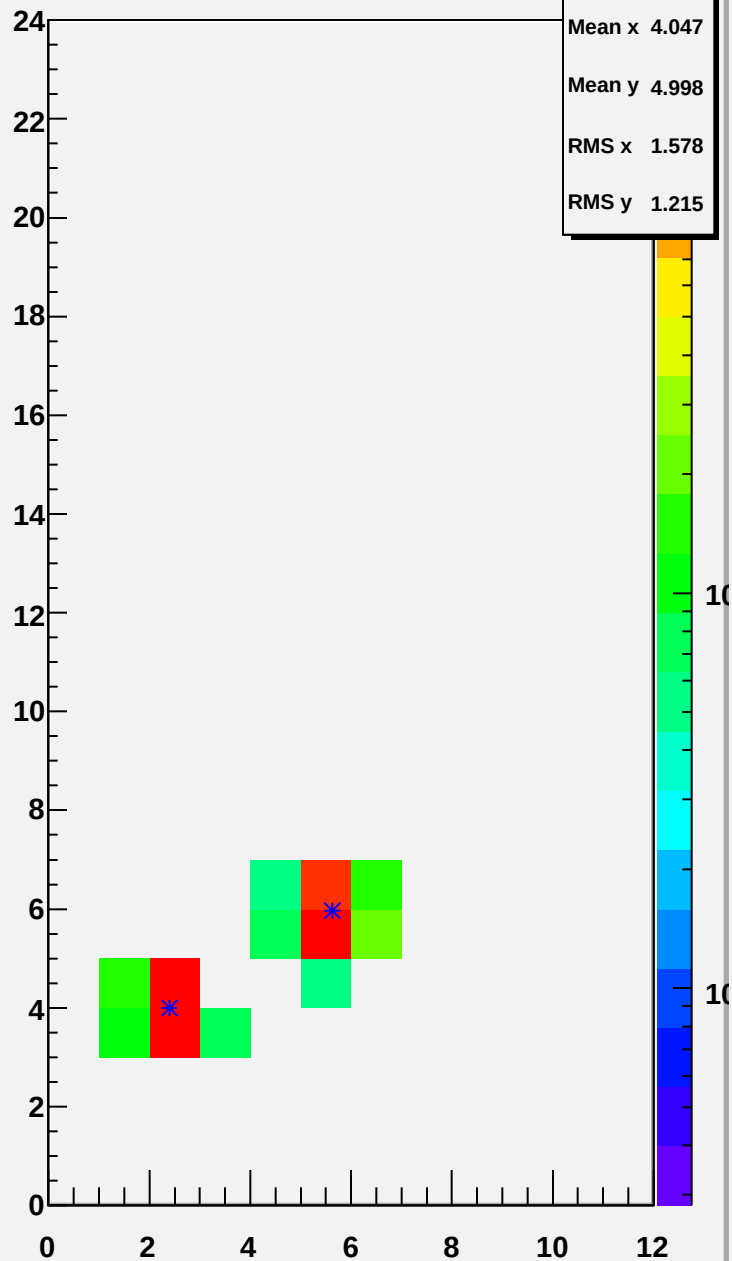
Efit

Entries	288
Mean x	1.93
Mean y	3.346
RMS x	0.7427
RMS y	0.9094

NSTB3_r4_c3_En=10.0_m0=0.112 m1=0.112 index=1167



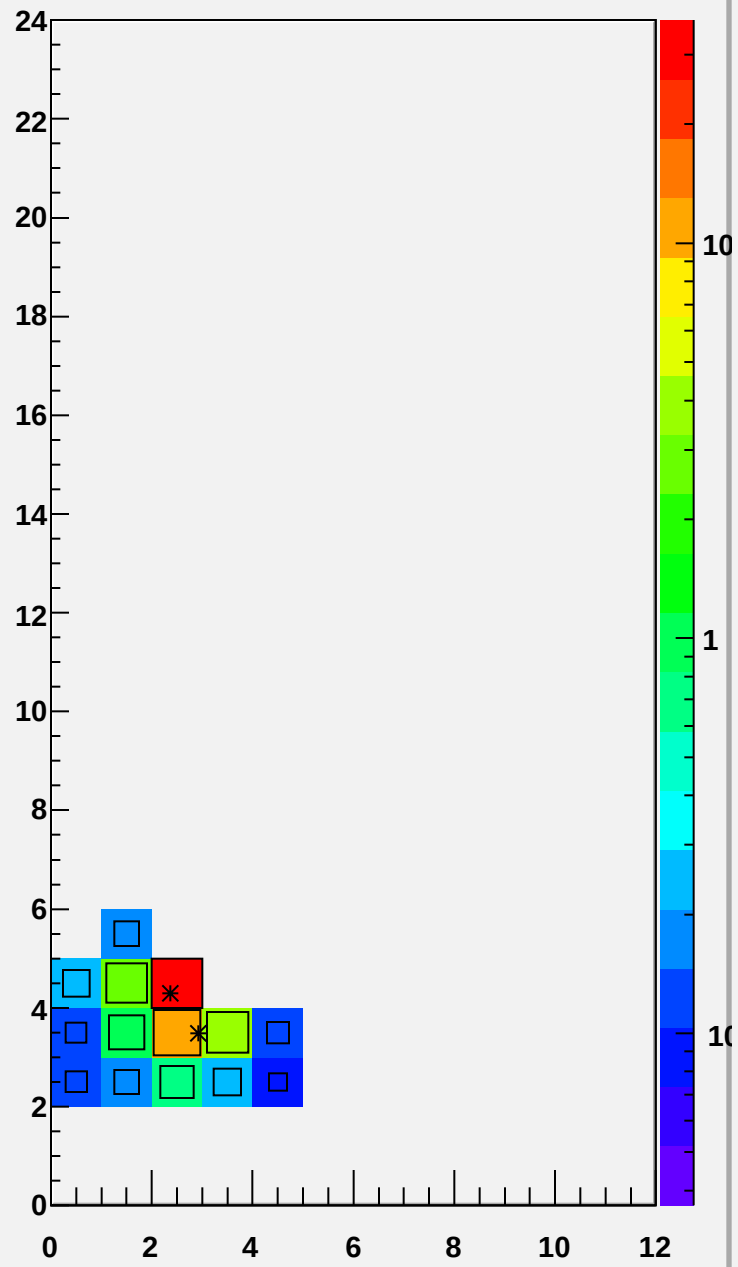
Fitted Energies



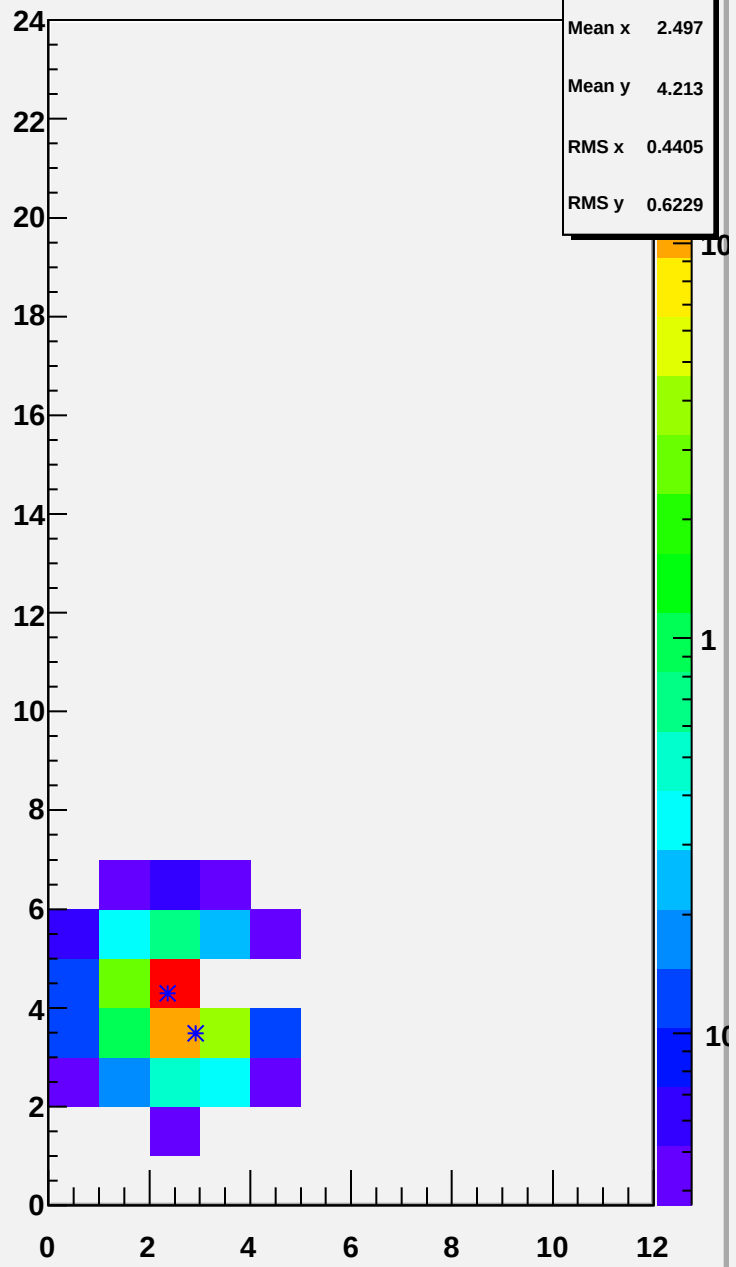
Efit

Entries 288
Mean x 4.047
Mean y 4.998
RMS x 1.578
RMS y 1.215

NSTB3_r4_c3_En=58.5_m0=0.132 m1=0.133 index=1168



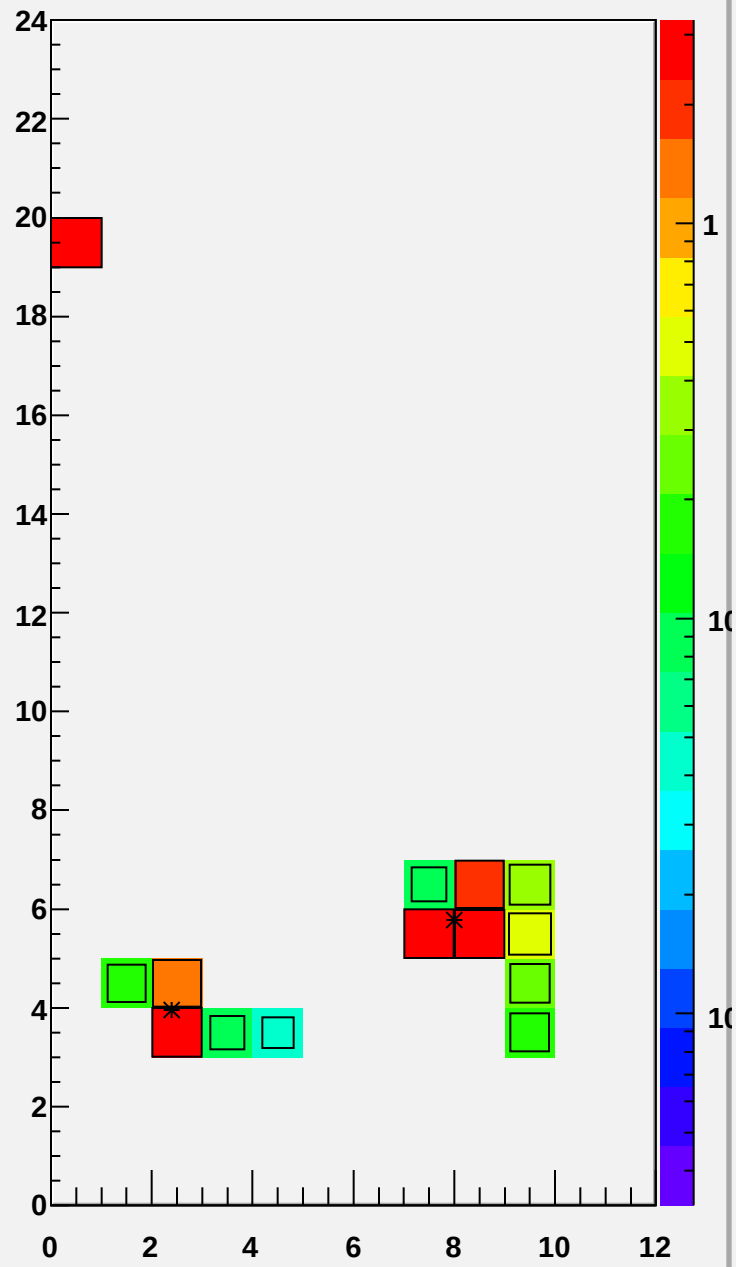
Fitted Energies



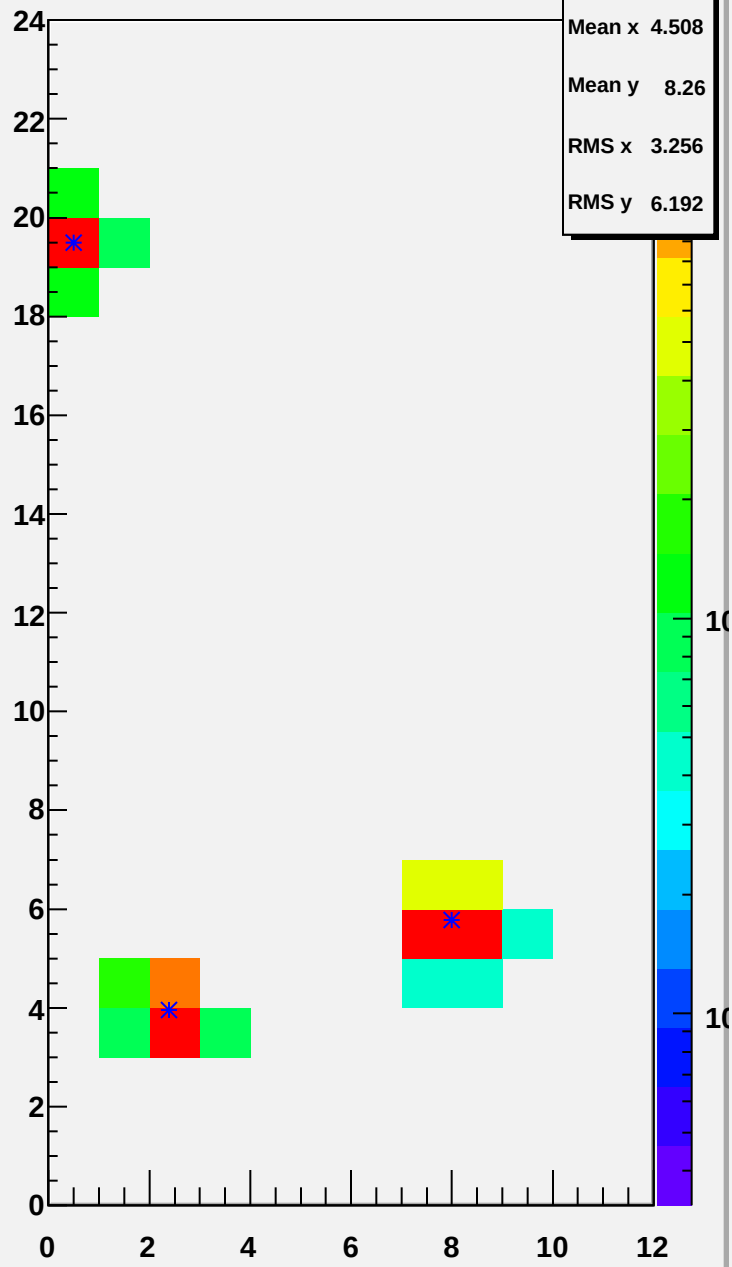
Efit

Entries	288
Mean x	2.497
Mean y	4.213
RMS x	0.4405
RMS y	0.6229

NSTB3_r4_c3_En=15.7_m0=0.182 m1=0.182 index=1169



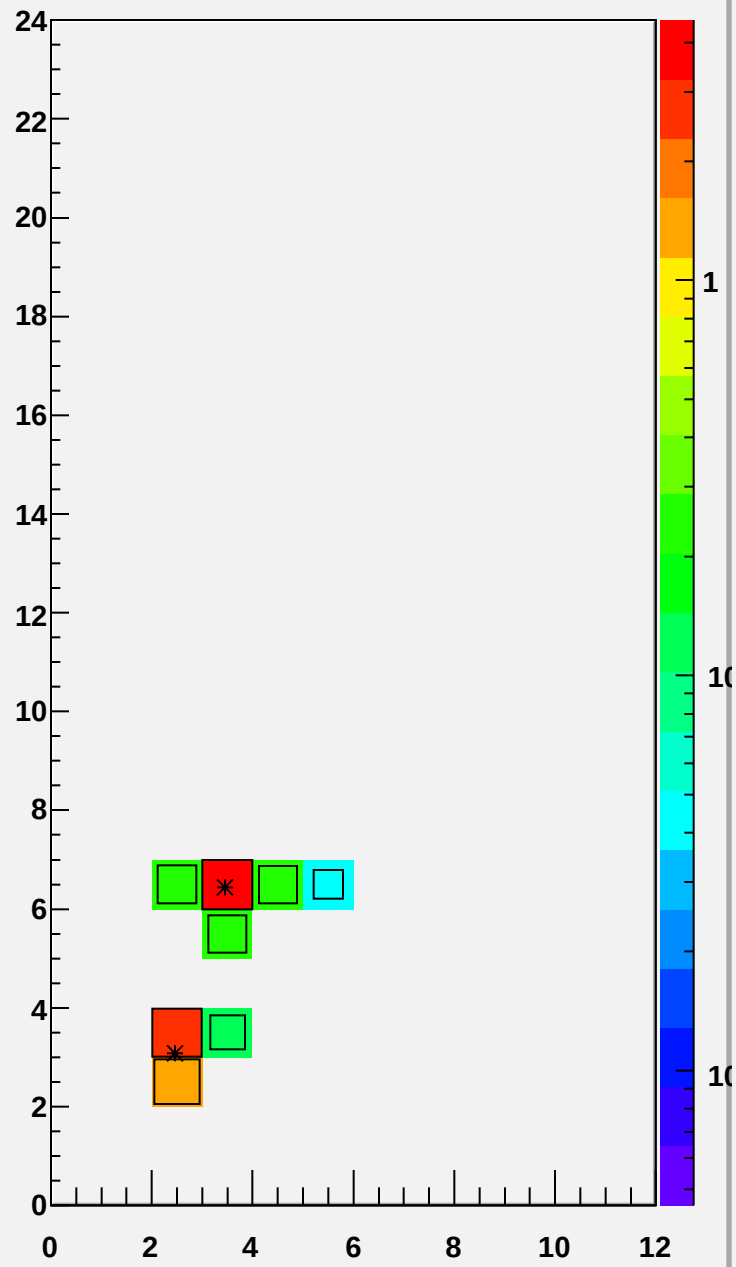
Fitted Energies



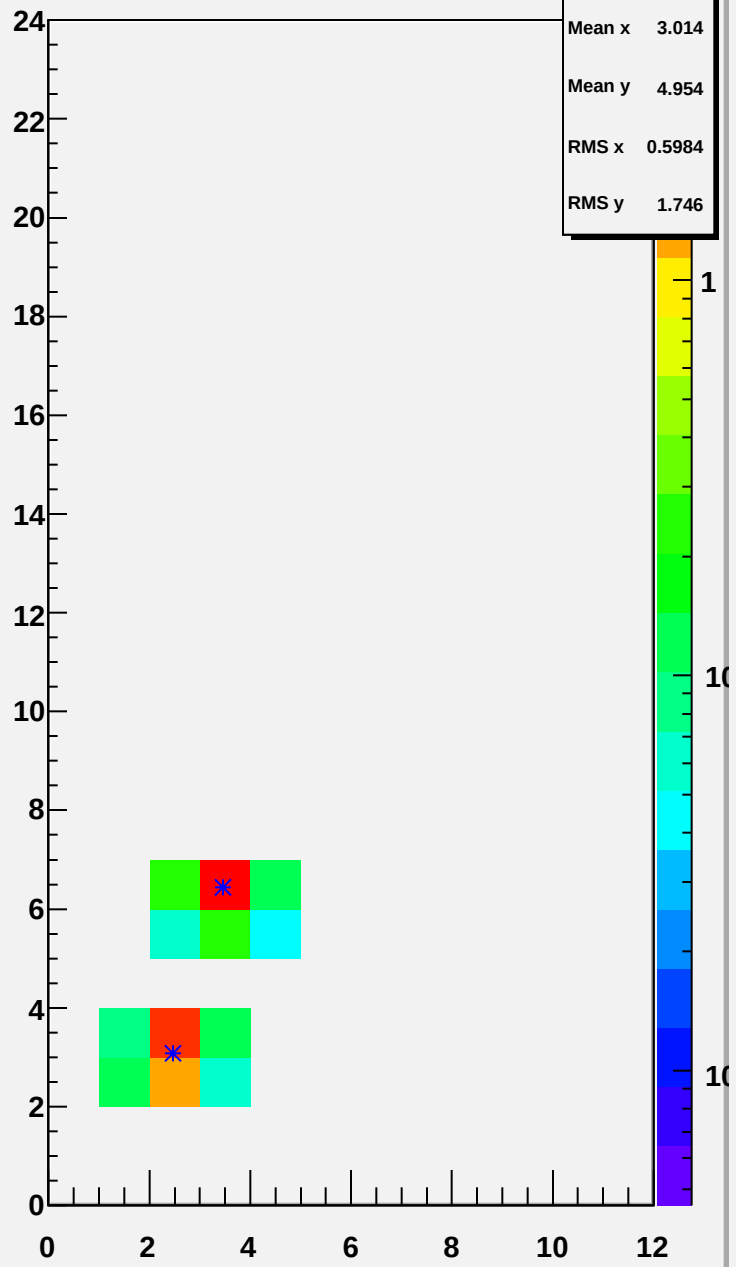
Efit

Entries 288
Mean x 4.508
Mean y 8.26
RMS x 3.256
RMS y 6.192

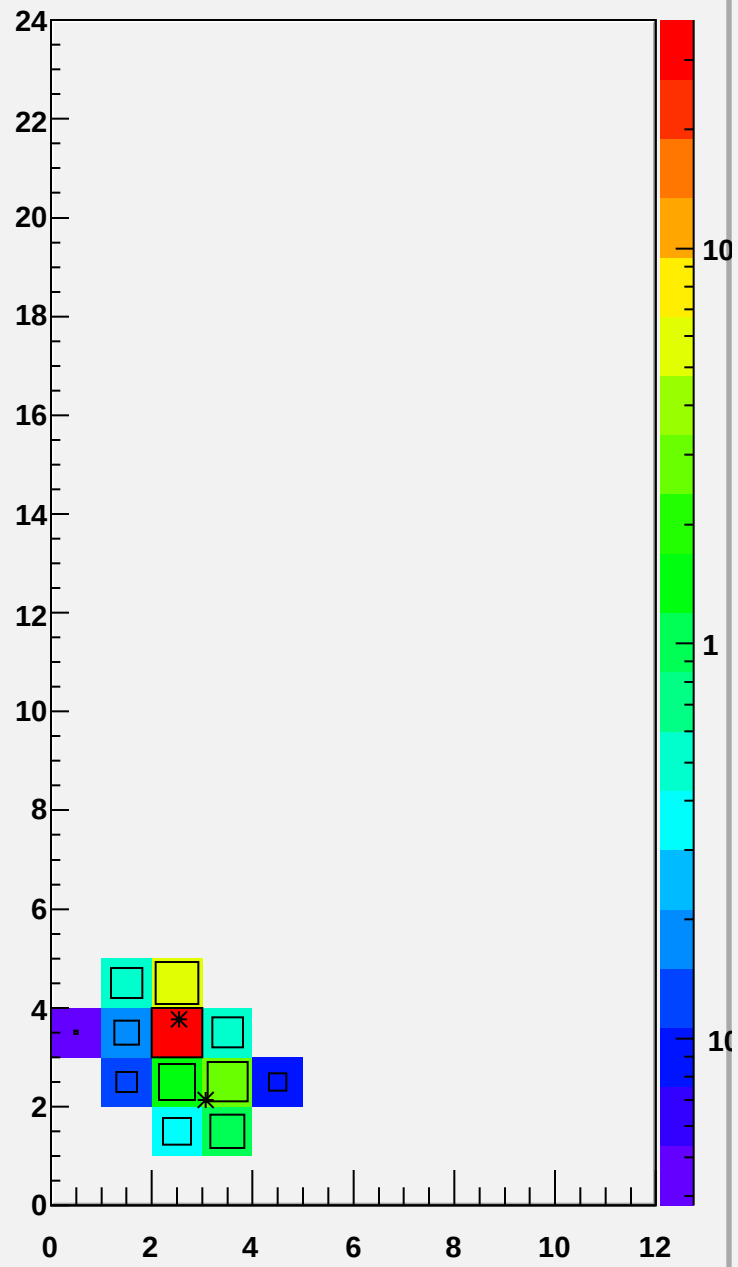
NSTB3_r4_c3_En=10.0_m0=0.103 m1=0.103 index=1170



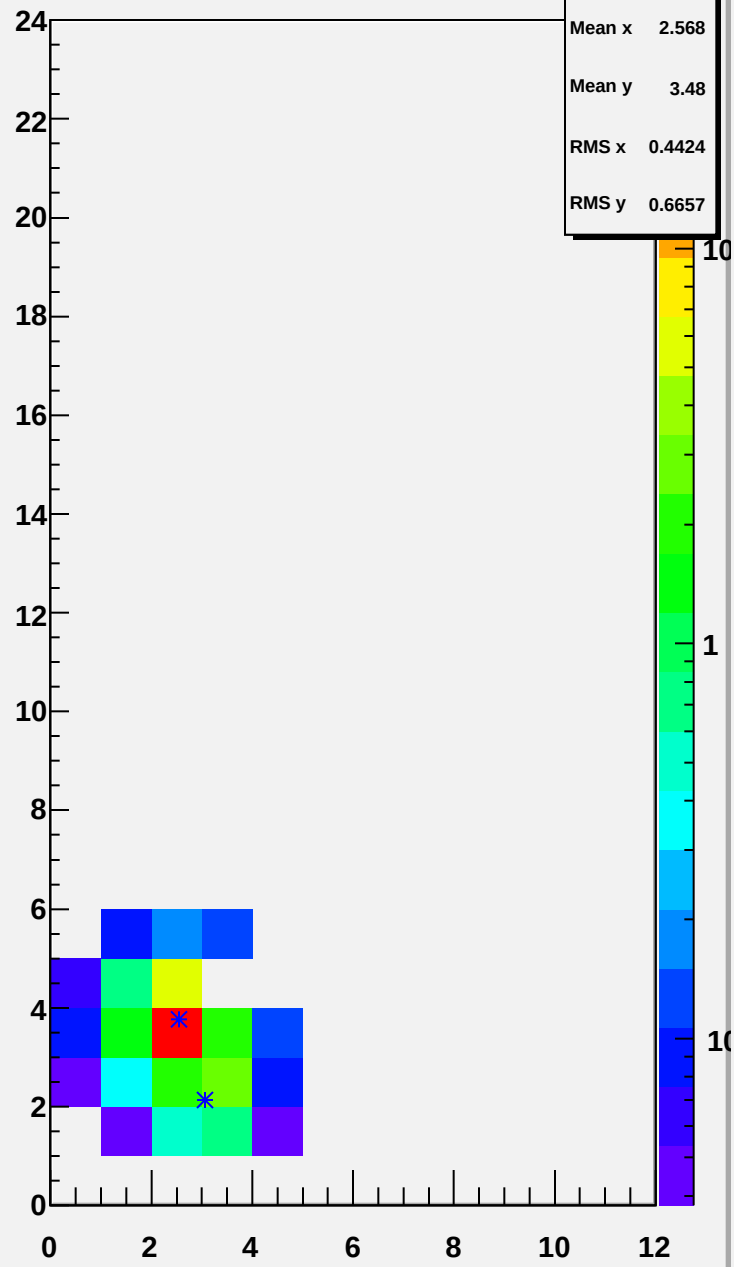
Fitted Energies



NSTB3_r4_c3_En=50.1_m0=0.159 m1=0.159 index=1171



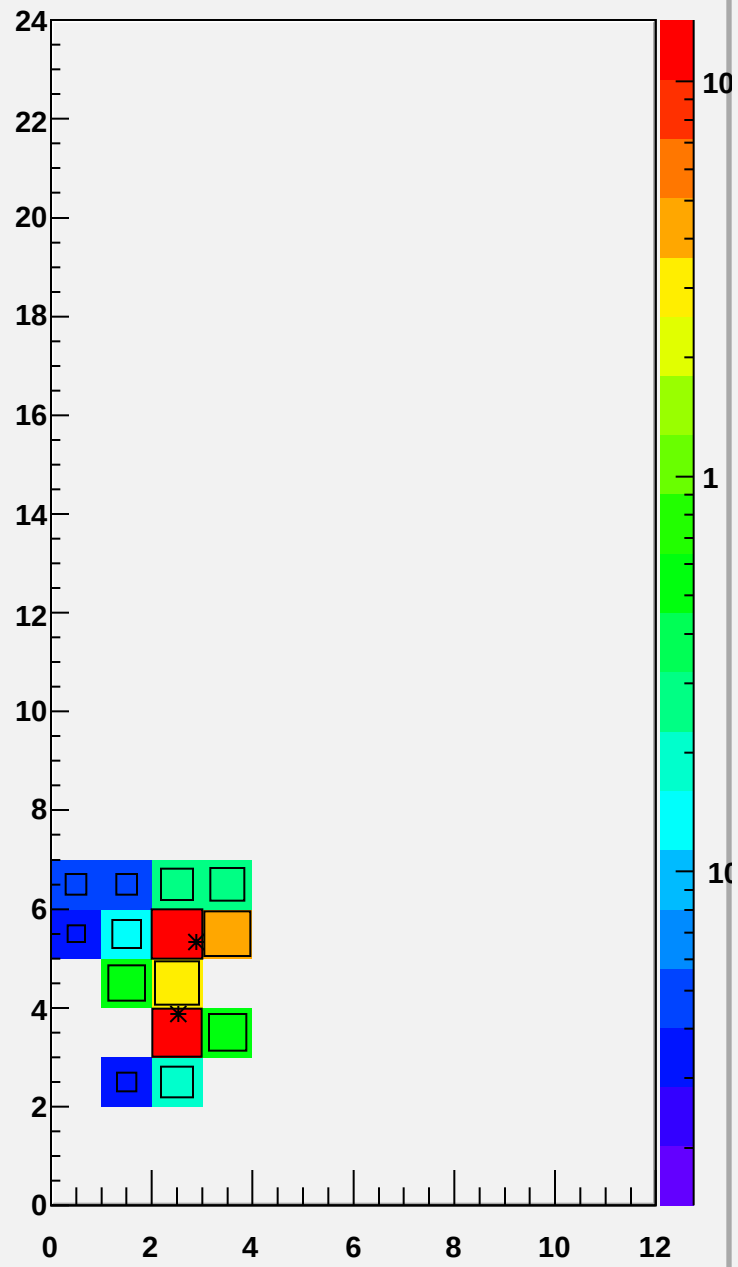
Fitted Energies



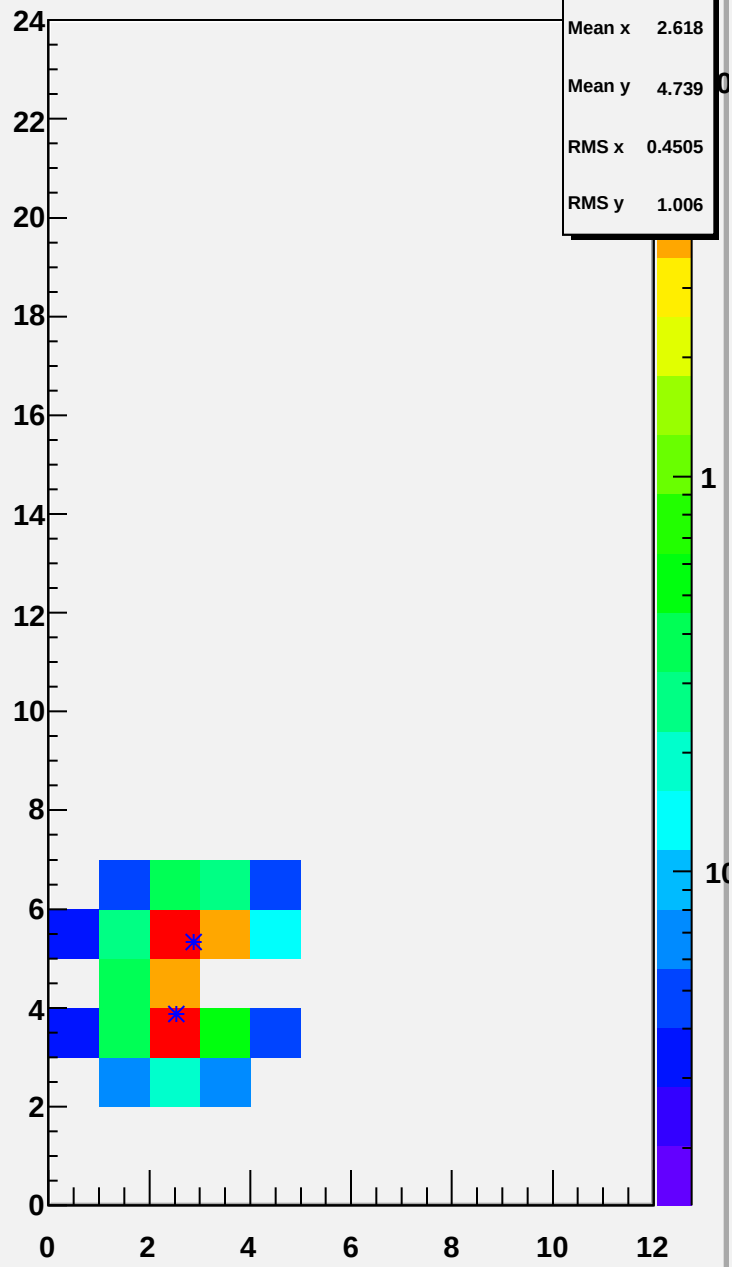
Efit

Entries	288
Mean x	2.568
Mean y	3.48
RMS x	0.4424
RMS y	0.6657

NSTB3_r4_c3_En=33.9_m0=0.150 m1=0.150 index=1172



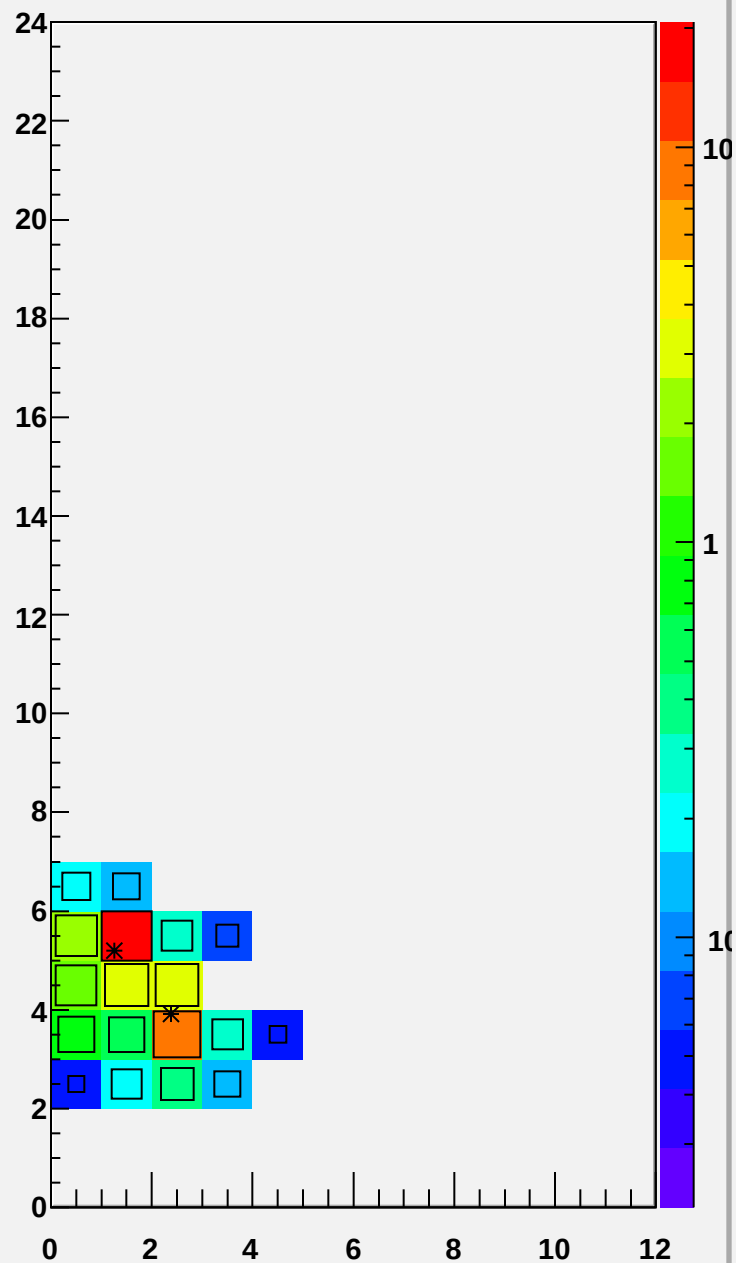
Fitted Energies



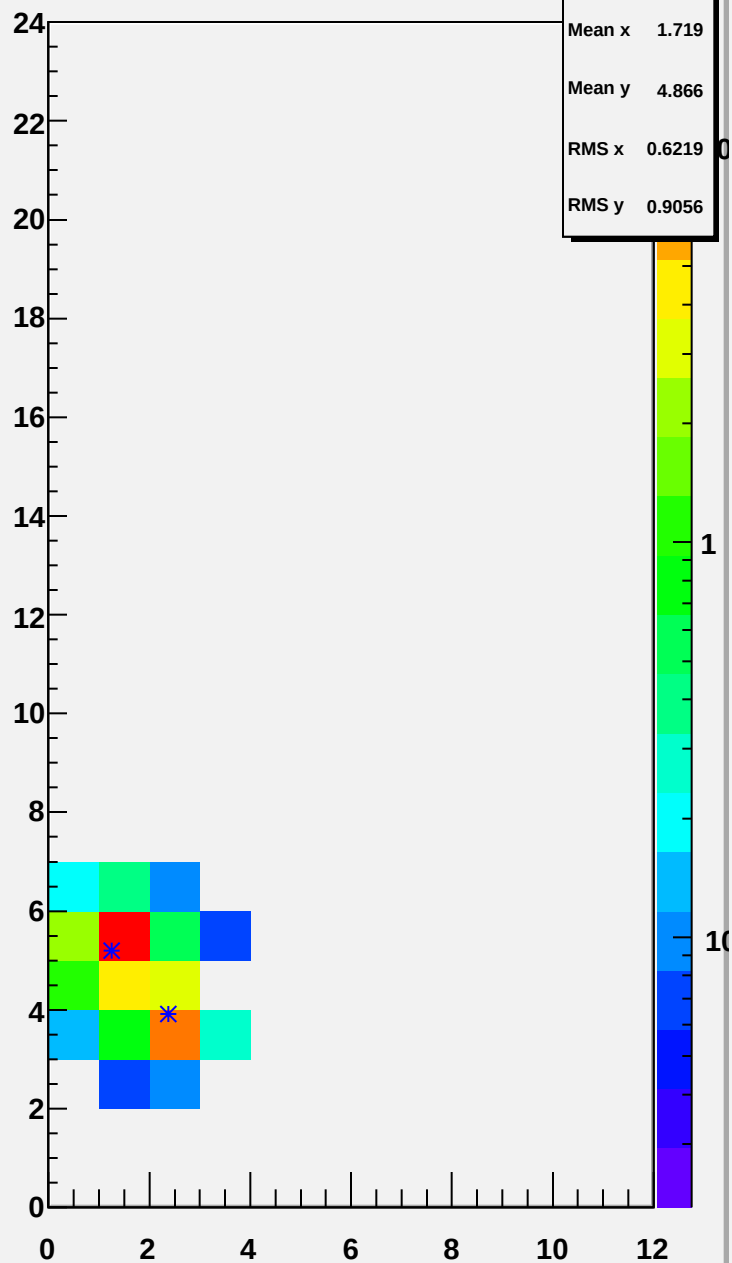
Efit

Entries	288
Mean x	2.618
Mean y	4.739
RMS x	0.4505
RMS y	1.006

NSTB3_r4_c3_En=42.5_m0=0.188 m1=0.188 index=1173



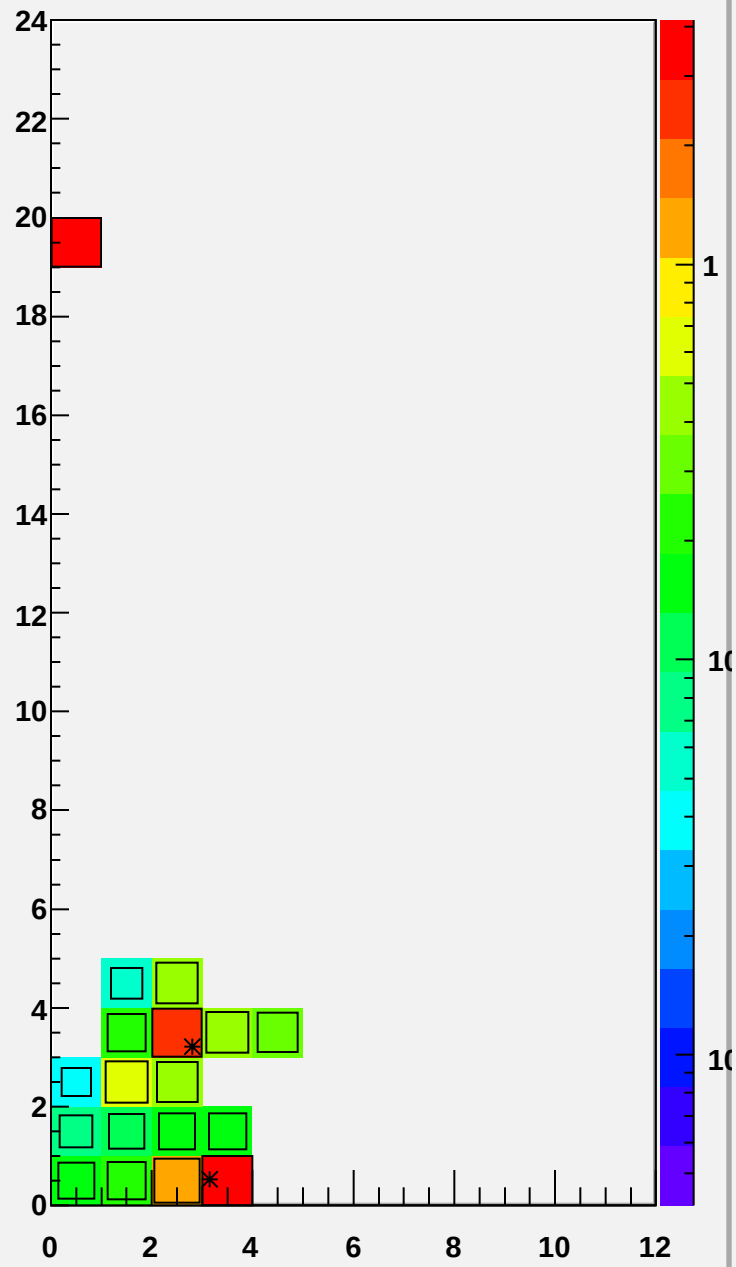
Fitted Energies



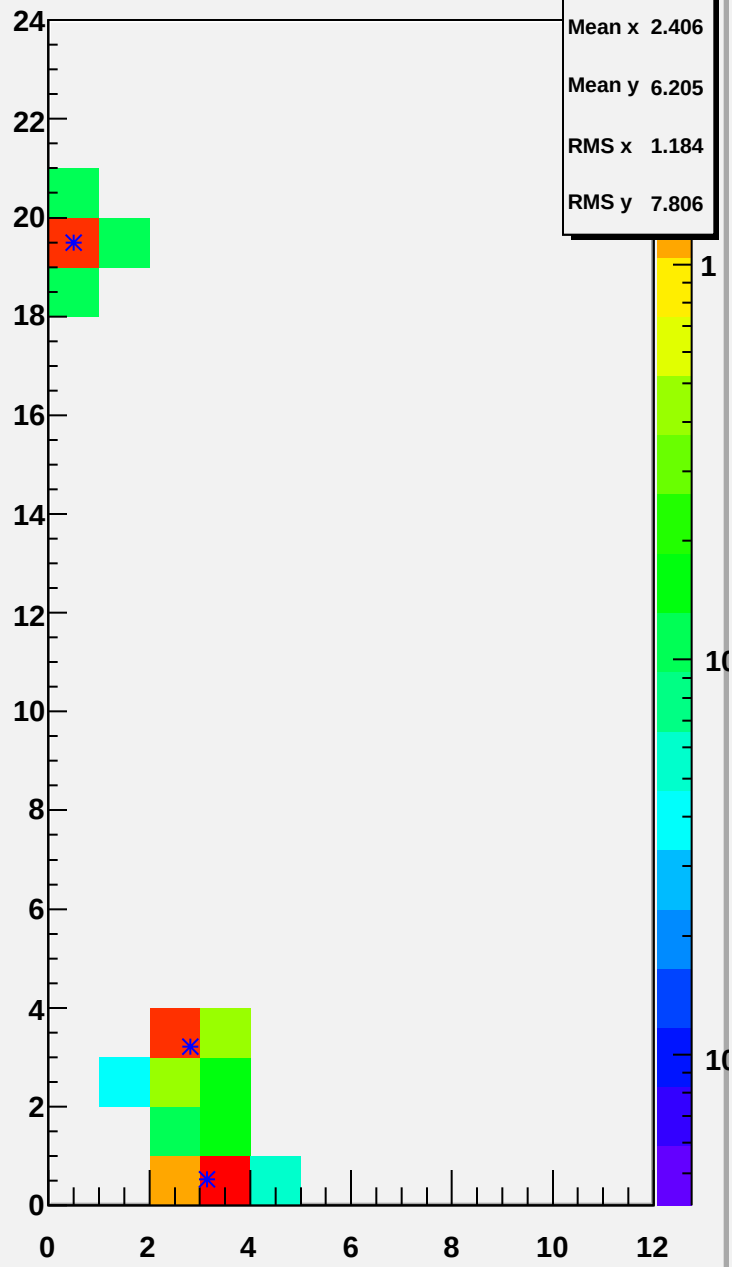
Efit

Entries	288
Mean x	1.719
Mean y	4.866
RMS x	0.6219
RMS y	0.9056

NSTB3_r4_c3_En=14.5_m0=0.074 m1=0.074 index=1174



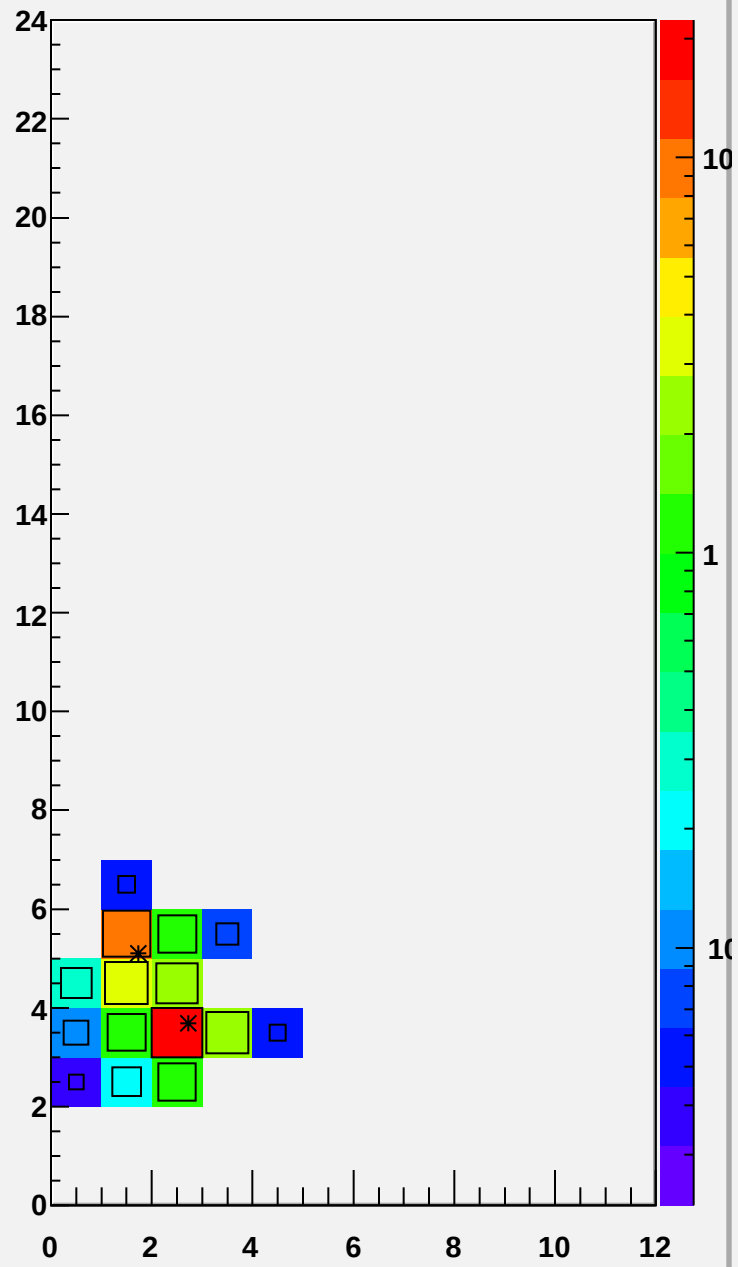
Fitted Energies



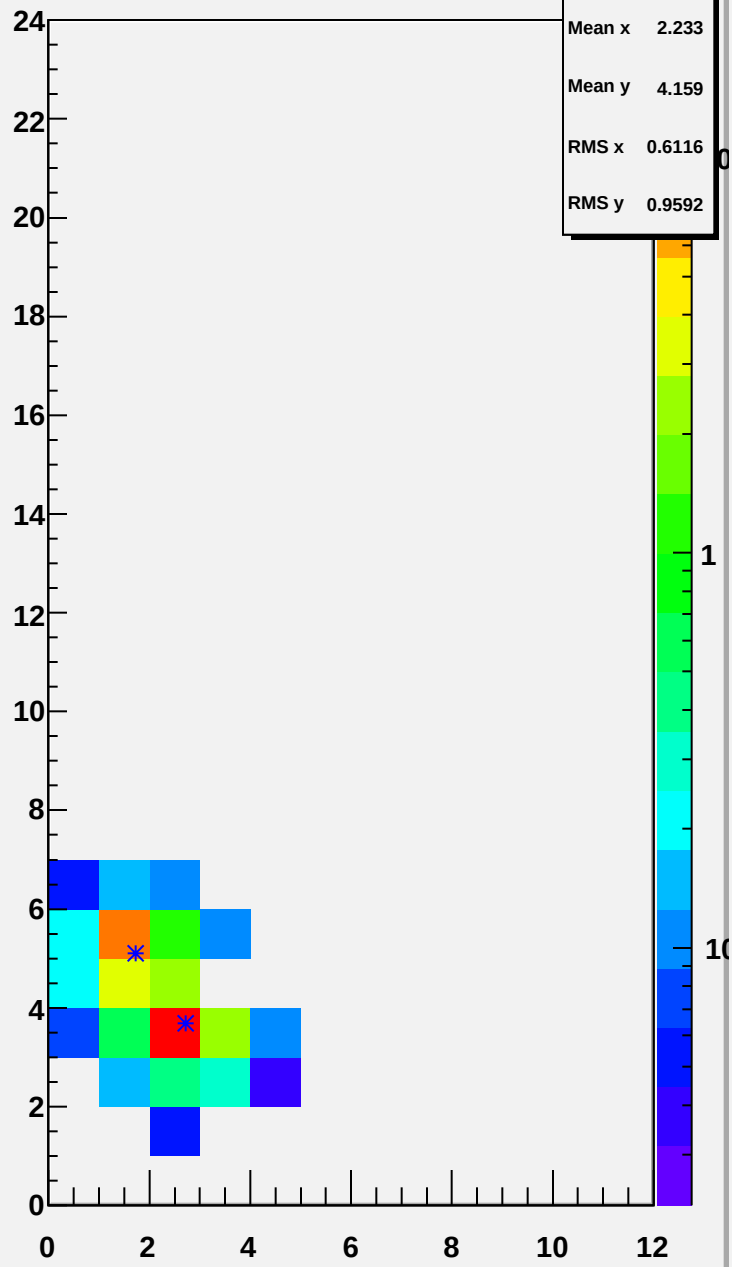
Efit

Entries 288
Mean x 2.406
Mean y 6.205
RMS x 1.184
RMS y 7.806

NSTB3_r4_c3_En=44.1_m0=0.205 m1=0.205 index=1175



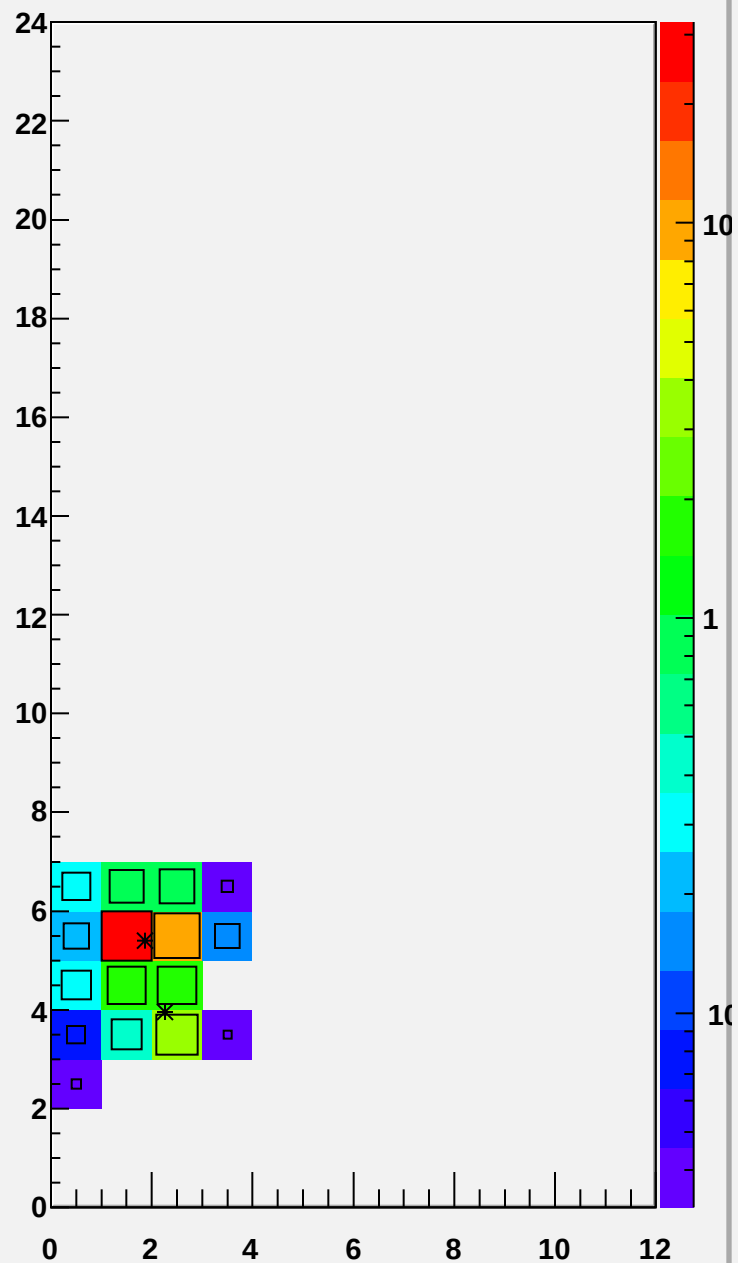
Fitted Energies



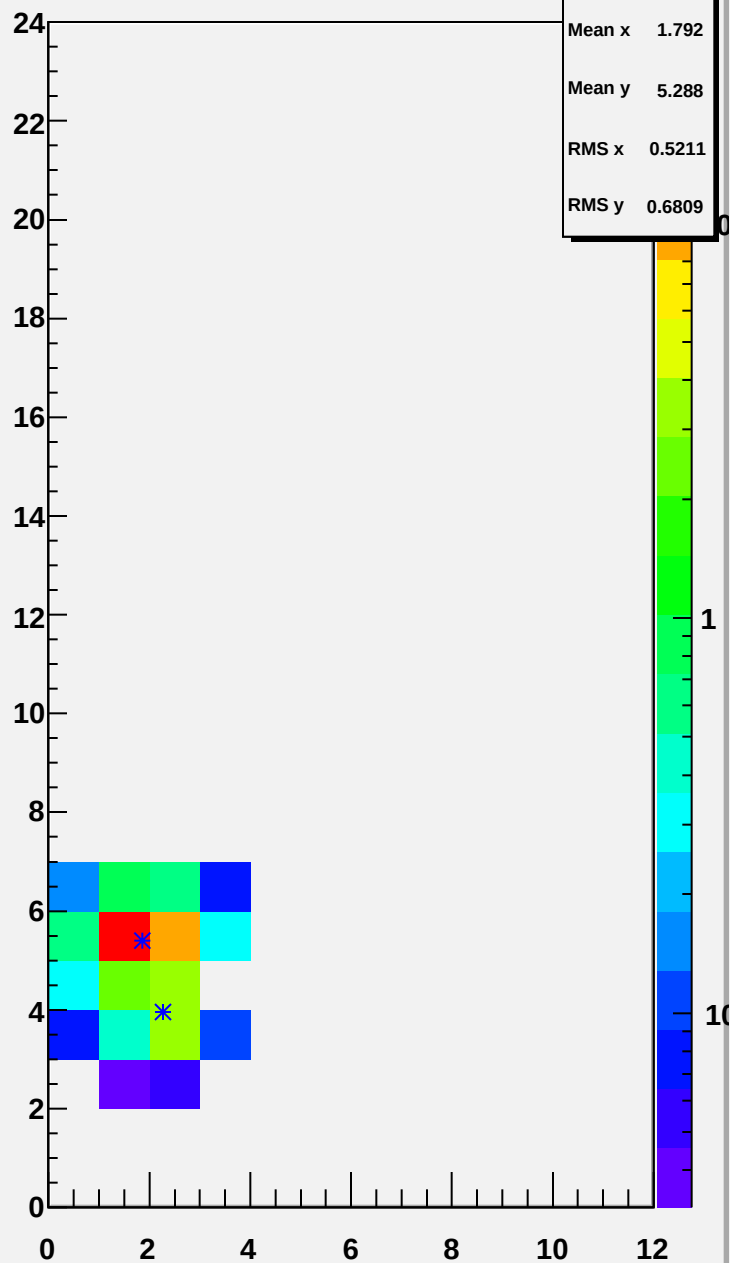
Efit

Entries	288
Mean x	2.233
Mean y	4.159
RMS x	0.6116
RMS y	0.9592

NSTB3_r4_c3_En=50.4_m0=0.138 m1=0.138 index=1177



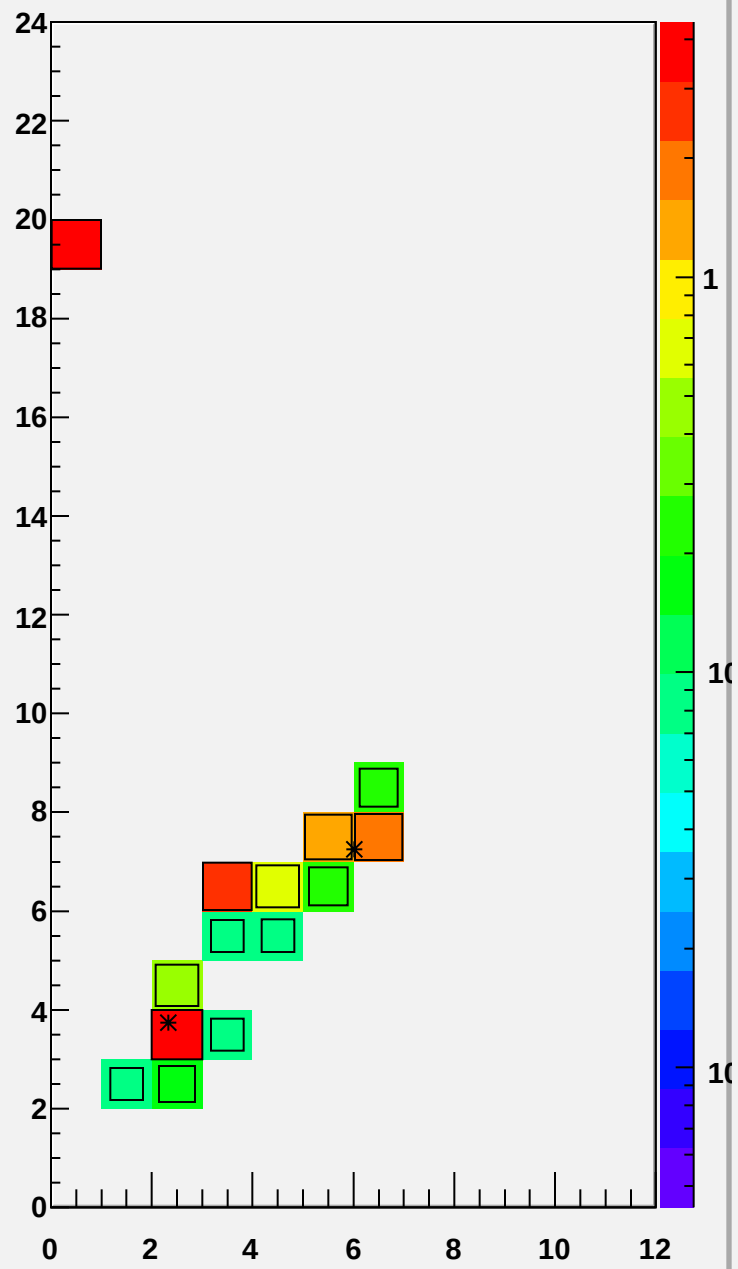
Fitted Energies



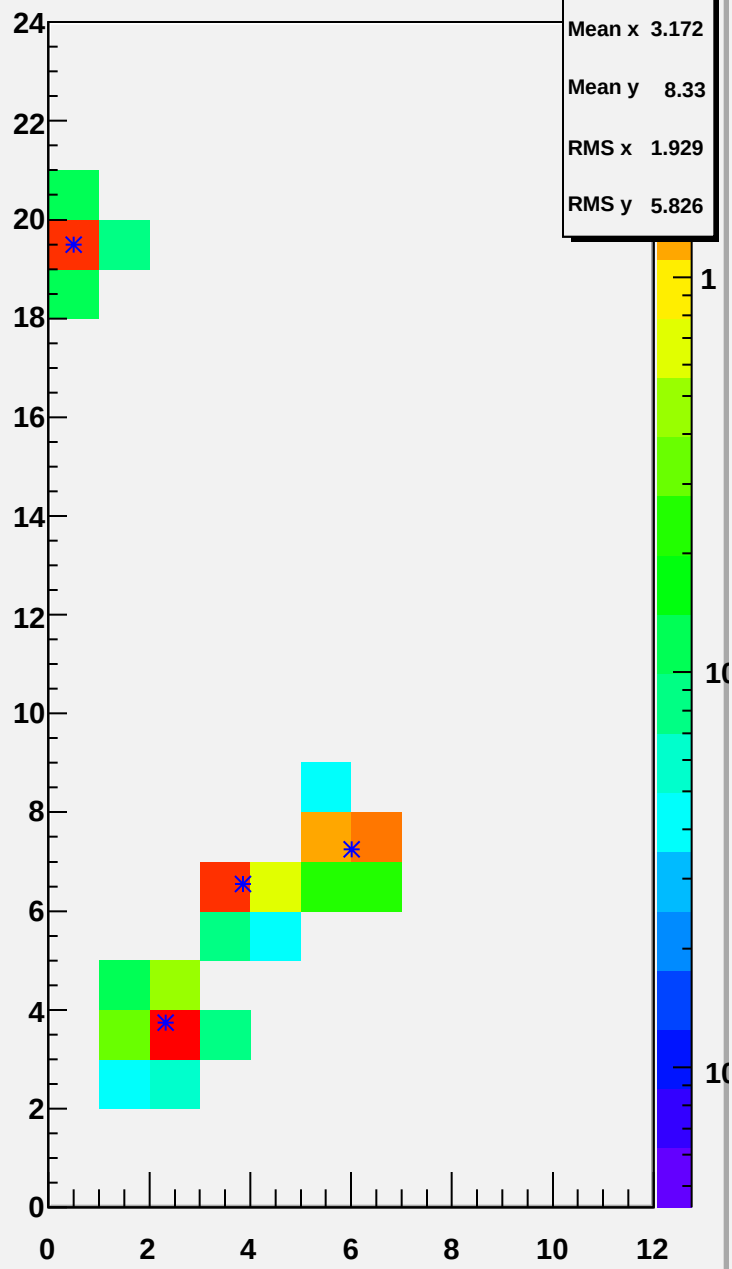
Efit

Entries	288
Mean x	1.792
Mean y	5.288
RMS x	0.5211
RMS y	0.6809

NSTB3_r4_c3_En=15.7_m0=0.133 m1=0.133 index=1178



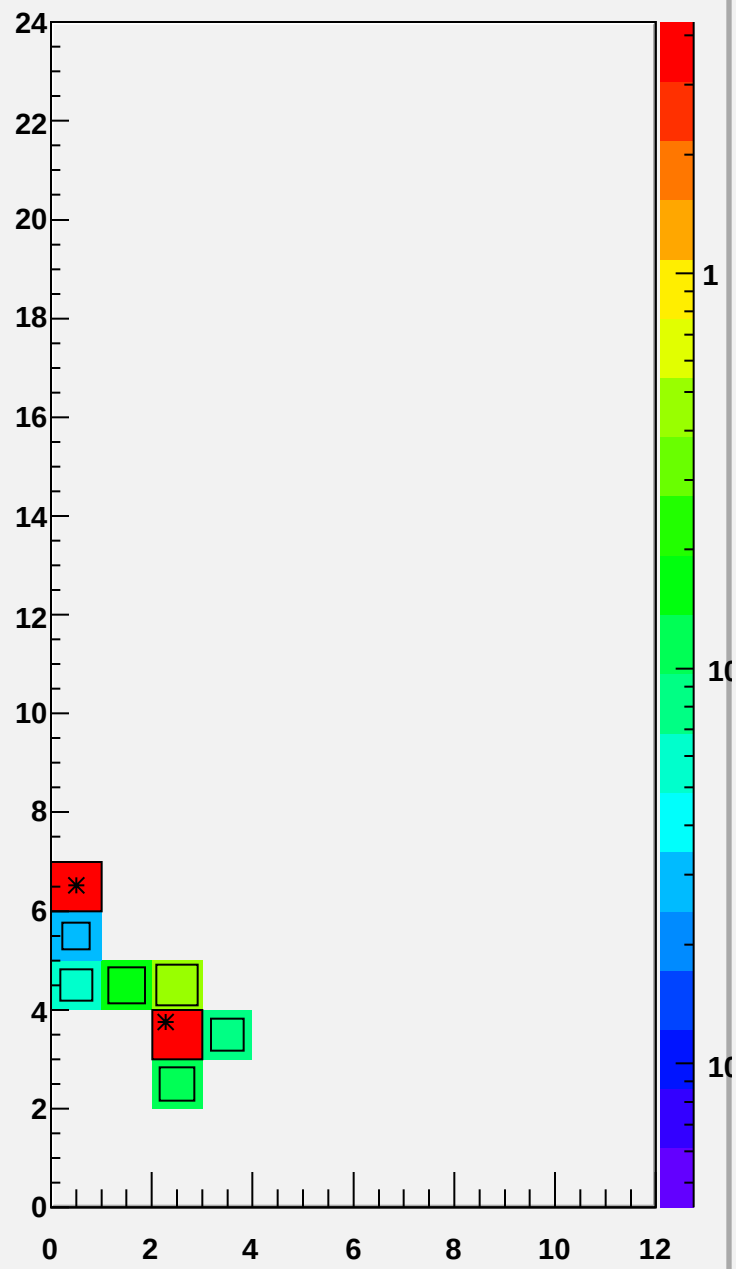
Fitted Energies



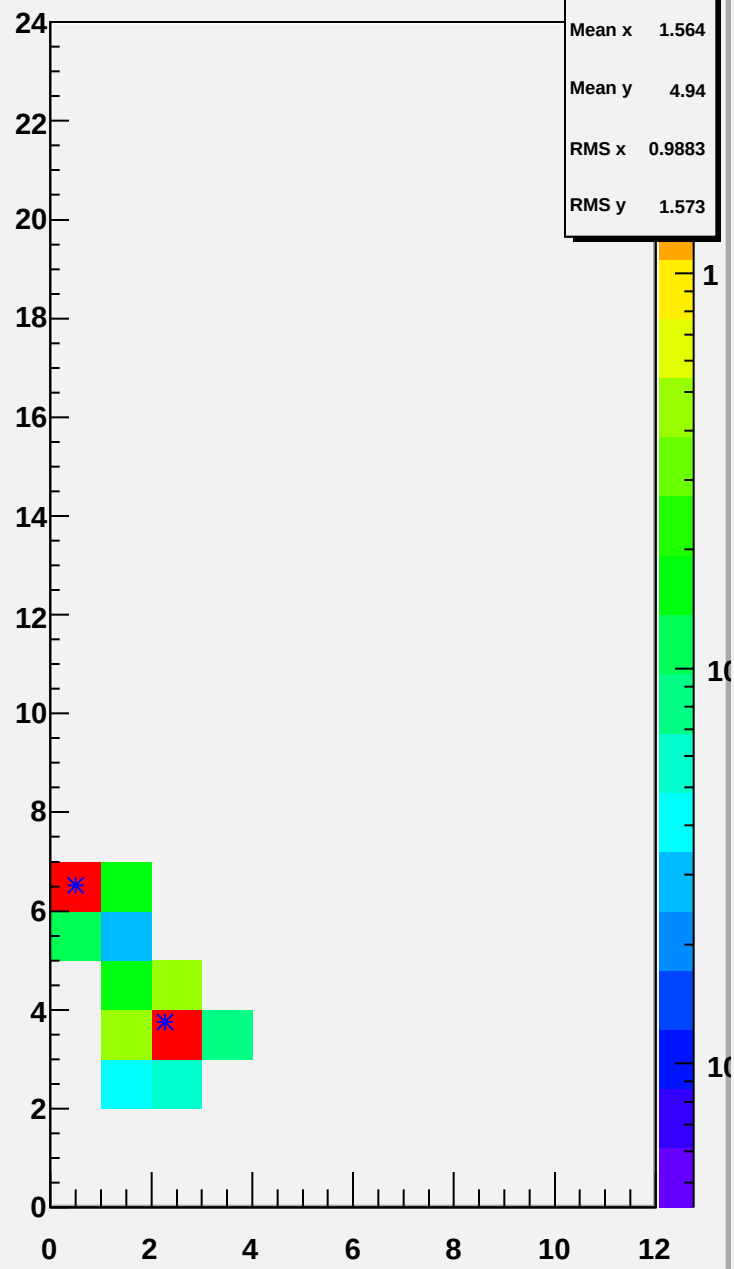
Efit

Entries 288
Mean x 3.172
Mean y 8.33
RMS x 1.929
RMS y 5.826

NSTB3_r4_c3_En= 9.2_m0=0.092 m1=0.092 index=1179



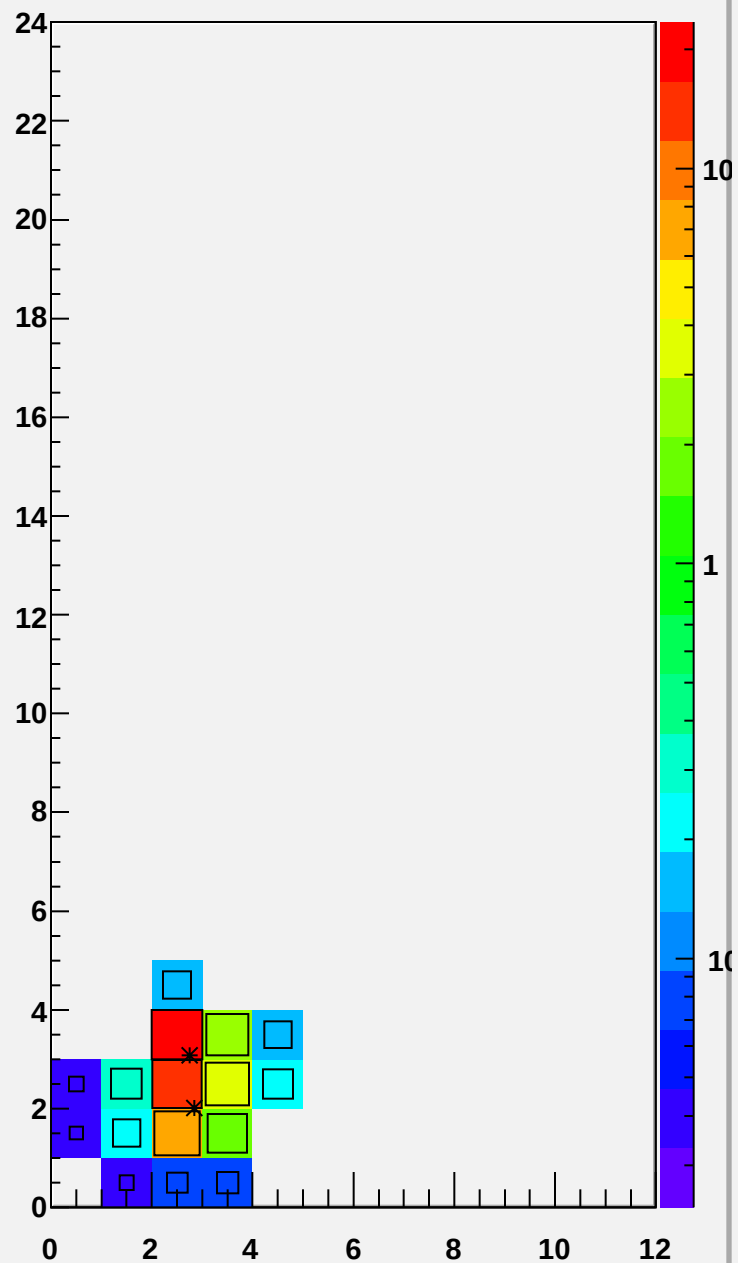
Fitted Energies



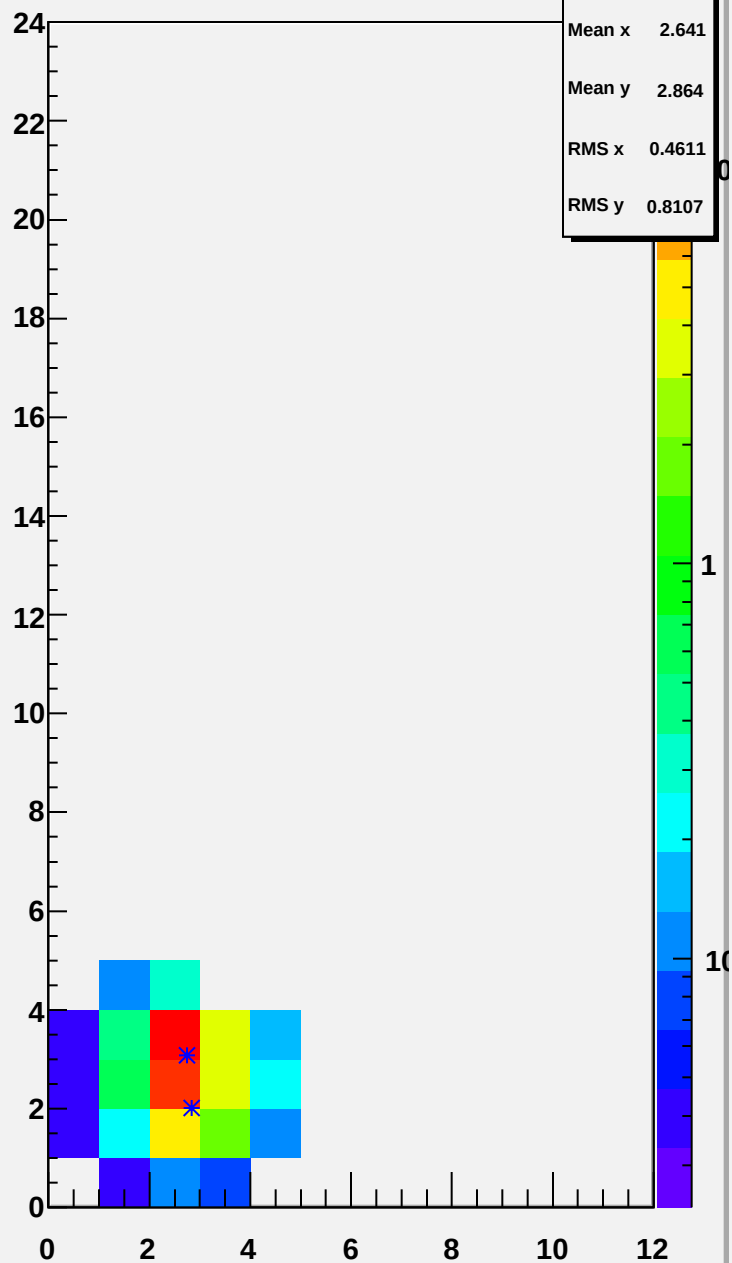
Efit

Entries	288
Mean x	1.564
Mean y	4.94
RMS x	0.9883
RMS y	1.573

NSTB3_r4_c3_En=54.2_m0=0.152 m1=0.152 index=1181



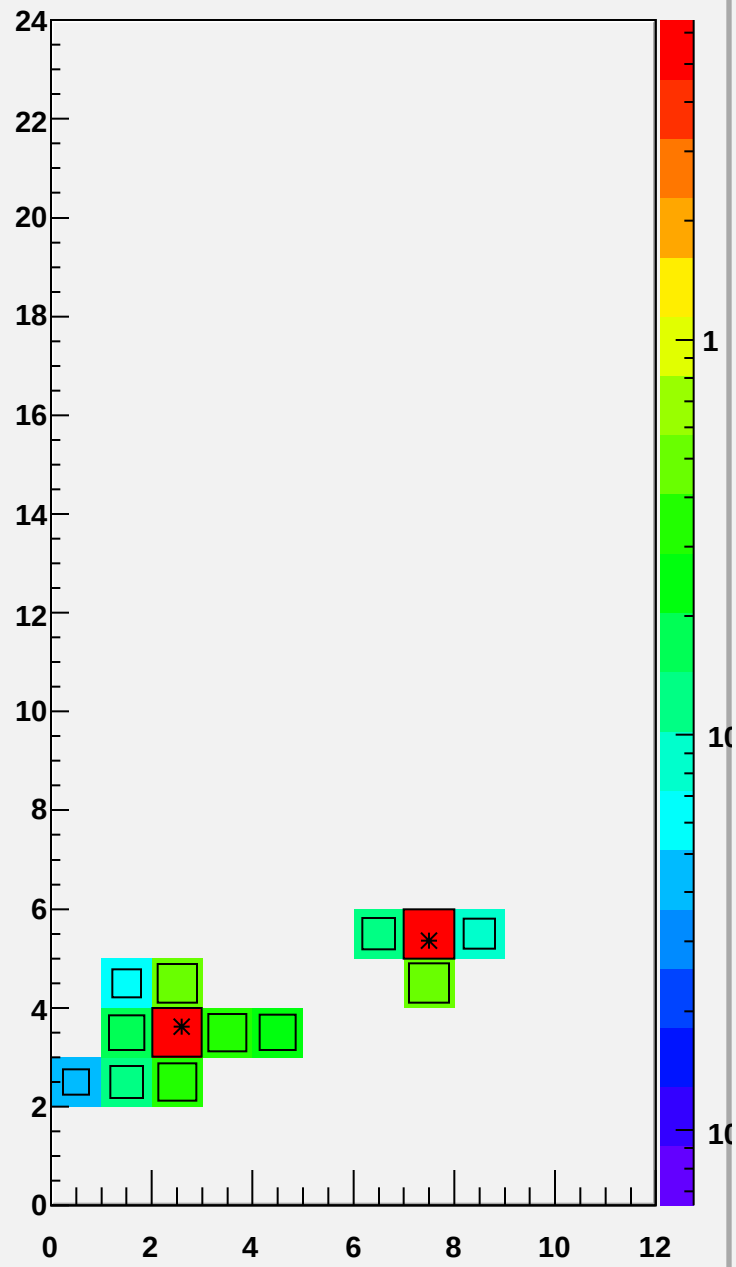
Fitted Energies



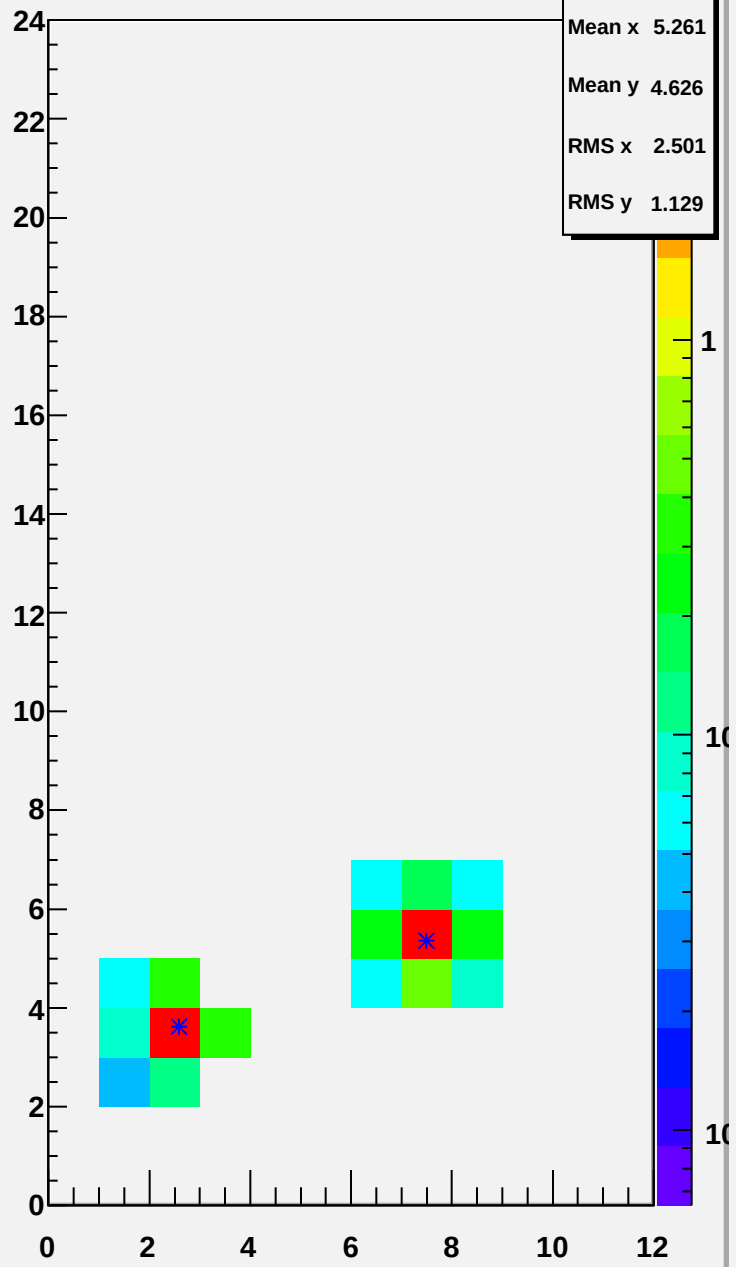
Efit

Entries	288
Mean x	2.641
Mean y	2.864
RMS x	0.4611
RMS y	0.8107

NSTB3_r4_c3_En=14.2_m0=0.206 m1=0.206 index=1182



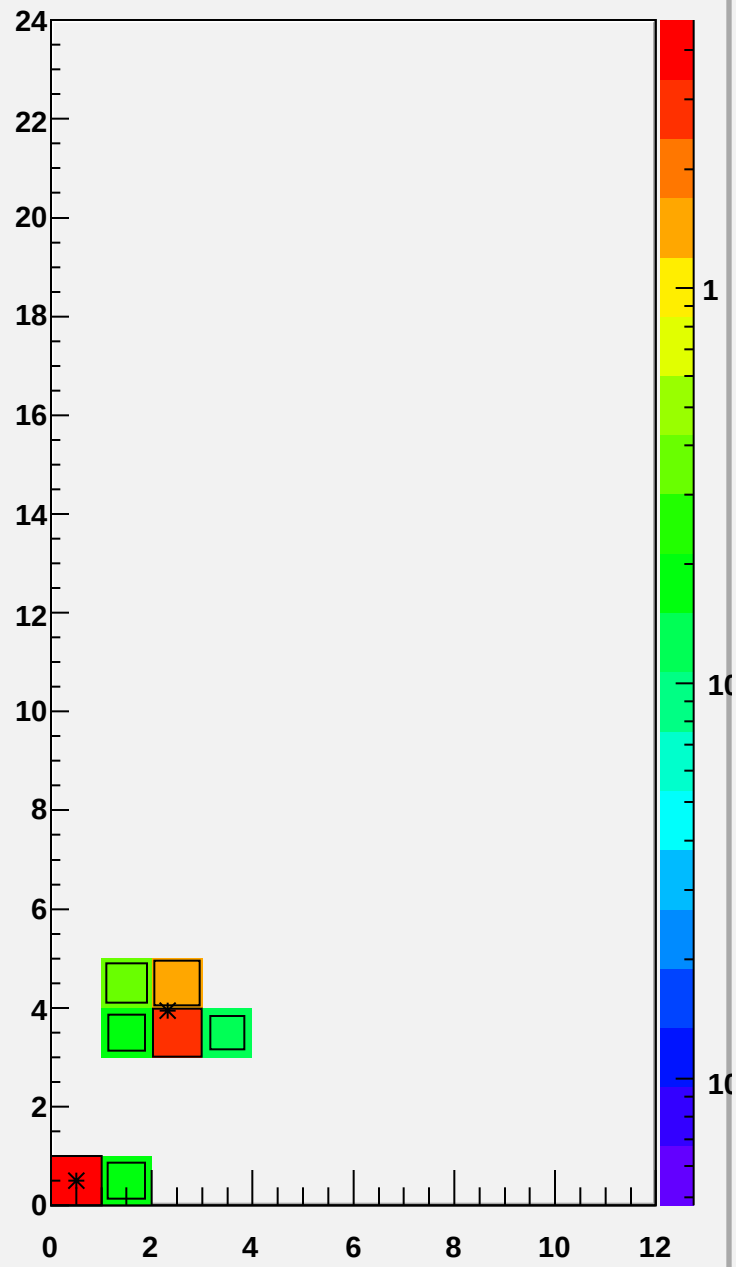
Fitted Energies



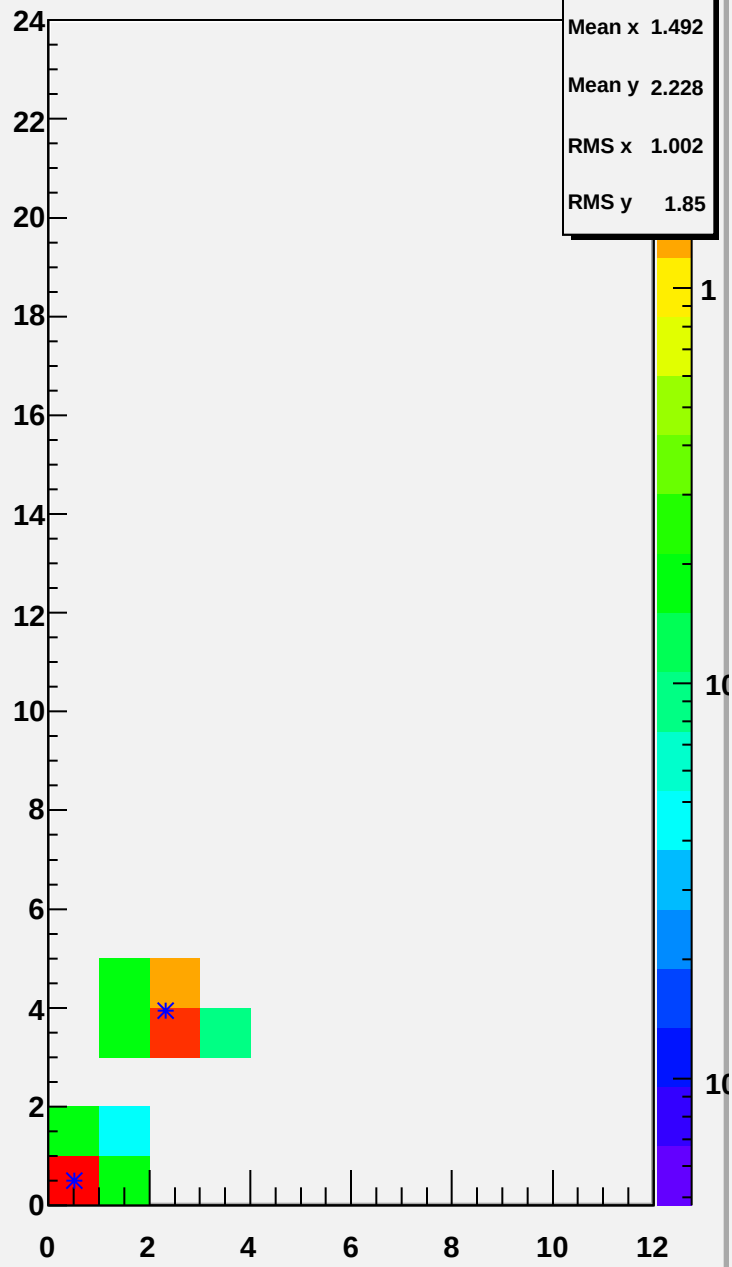
Efit

Entries 288
Mean x 5.261
Mean y 4.626
RMS x 2.501
RMS y 1.129

NSTB3_r4_c3_En=10.1_m0=0.115_m1=0.115_index=1184



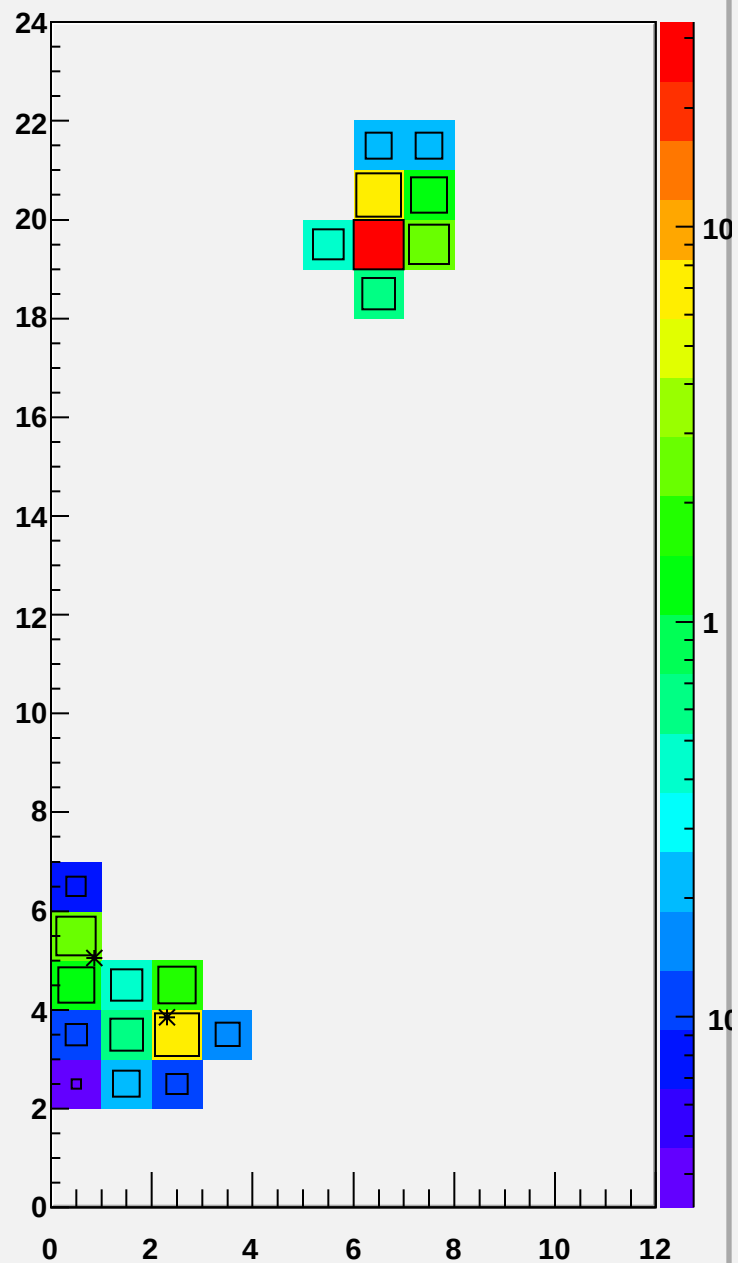
Fitted Energies



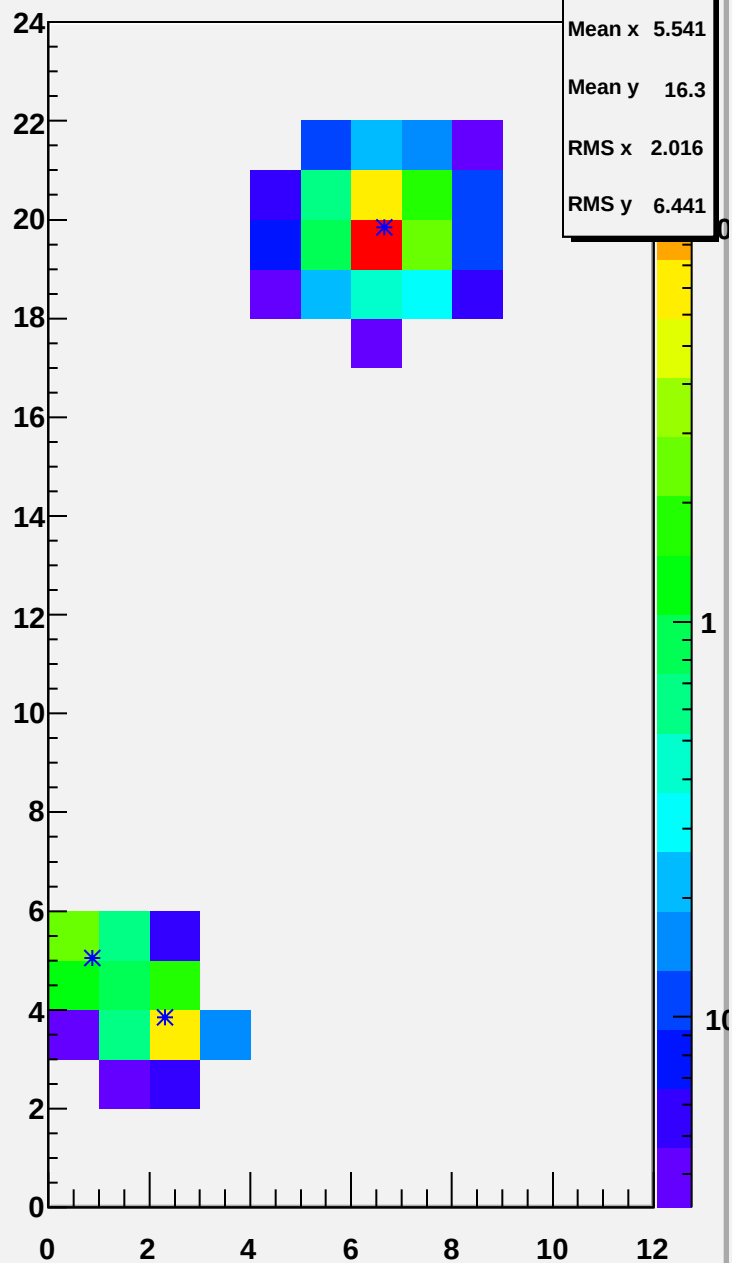
Efit

Entries 288
Mean x 1.492
Mean y 2.228
RMS x 1.002
RMS y 1.85

NSTB3_r4_c3_En=58.7_m0=0.066 m1=0.066 index=1185



Fitted Energies



Efit

Entries 288

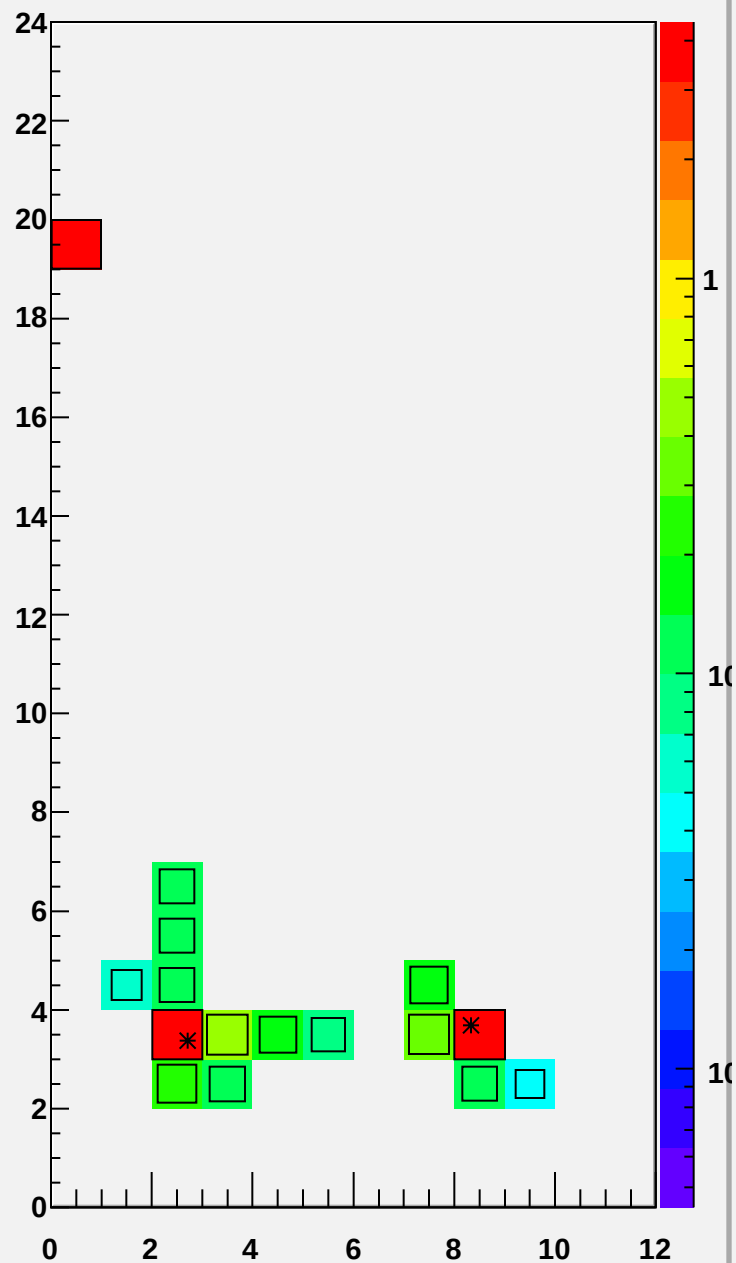
Mean x 5.541

Mean y 16.3

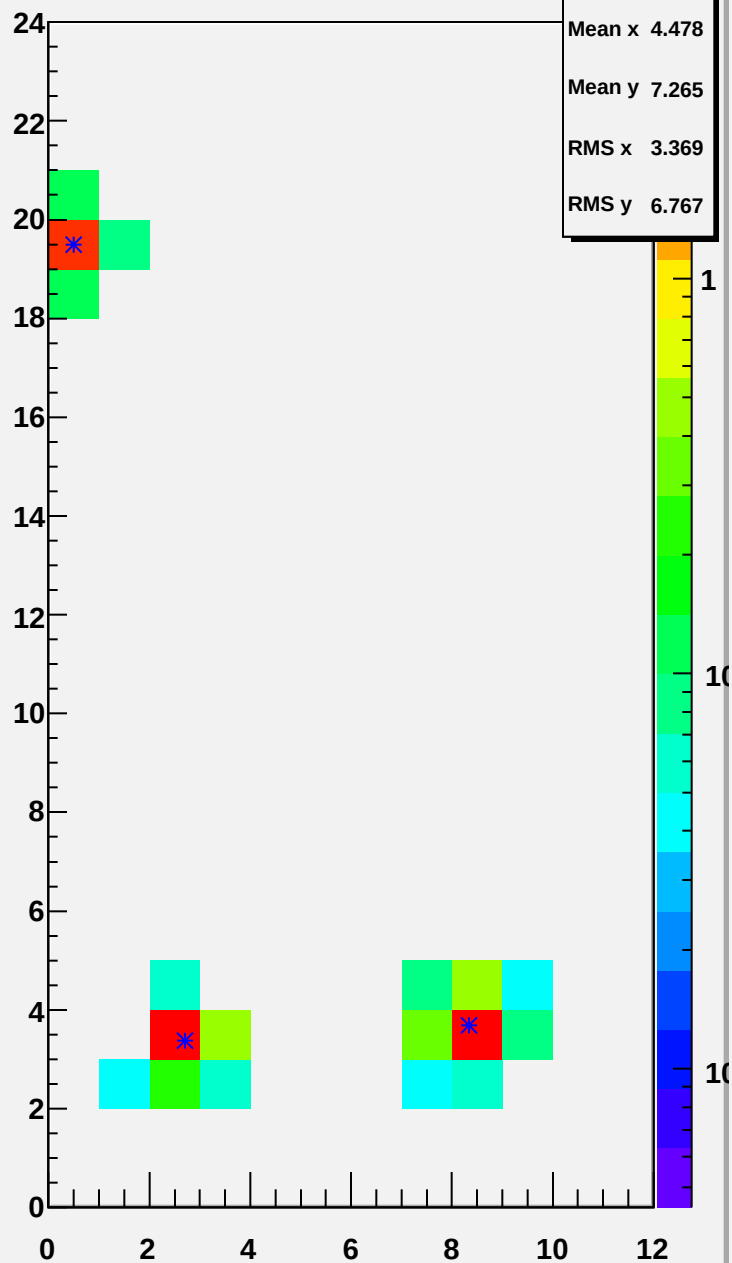
RMS x 2.016

RMS y 6.441

NSTB3_r4_c3_En=14.0_m0=0.167 m1=0.167 index=1187



Fitted Energies



Efit

Entries 288

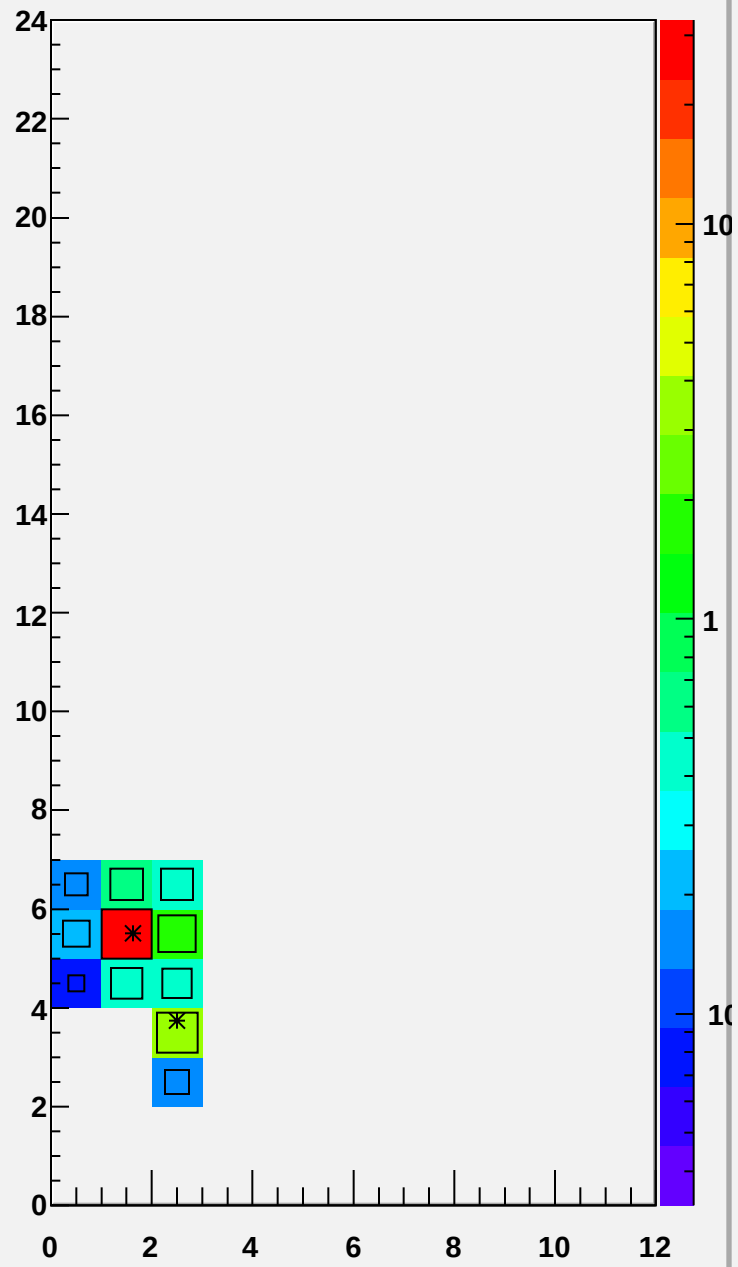
Mean x 4.478

Mean y 7.265

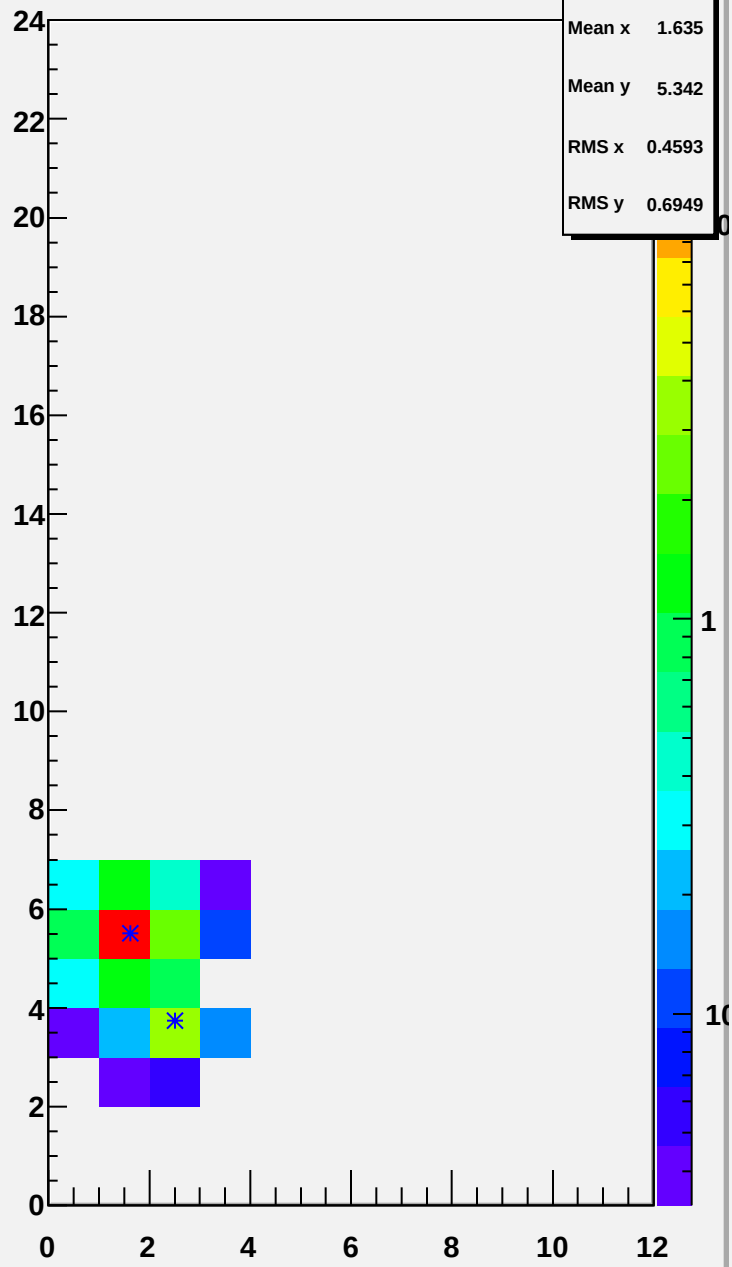
RMS x 3.369

RMS y 6.767

NSTB3_r4_c3_En=39.7_m0=0.135 m1=0.135 index=1188



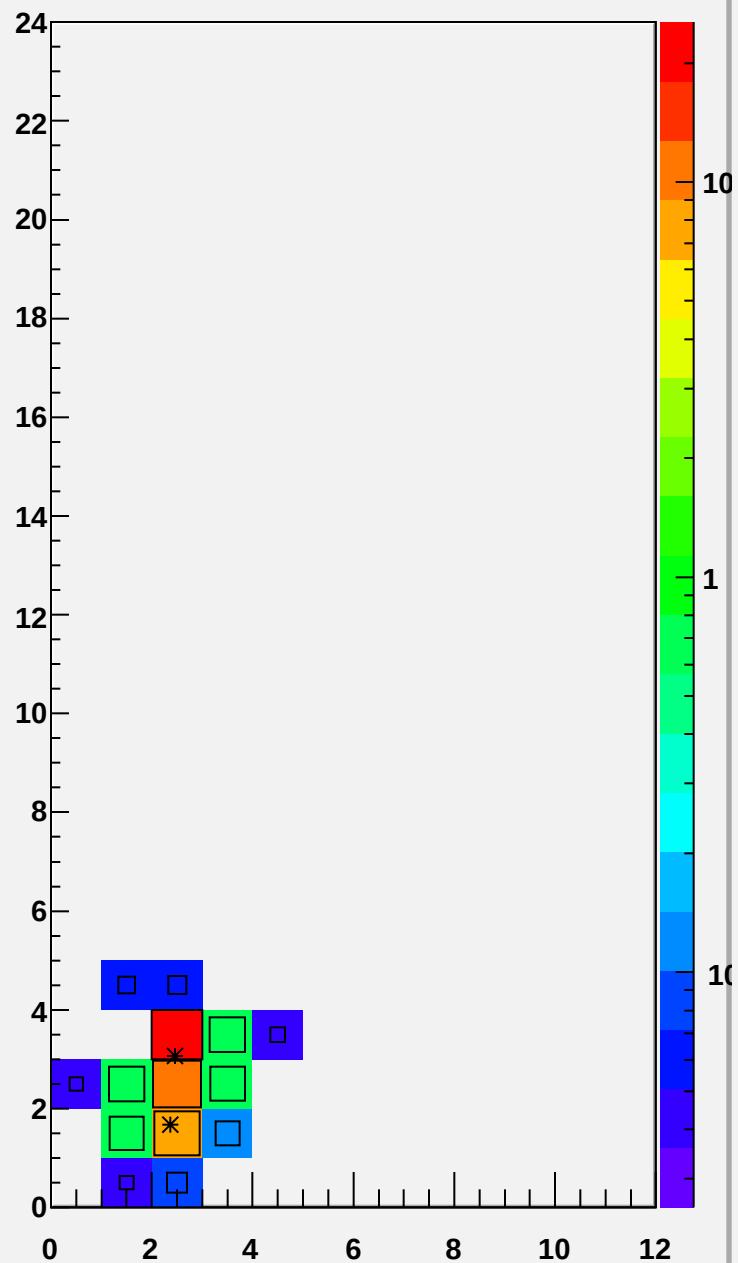
Fitted Energies



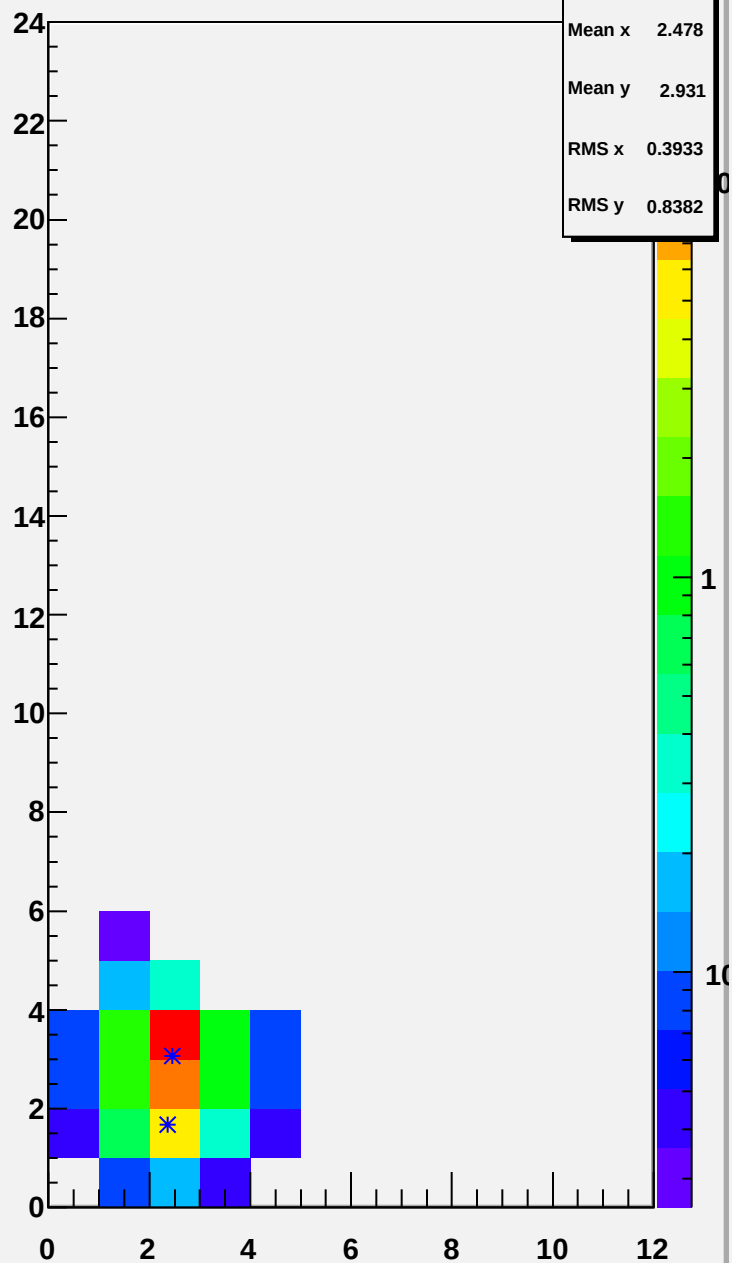
Efit

Entries	288
Mean x	1.635
Mean y	5.342
RMS x	0.4593
RMS y	0.6949

NSTB3_r4_c3_En=47.2_m0=0.139 m1=0.138 index=1189



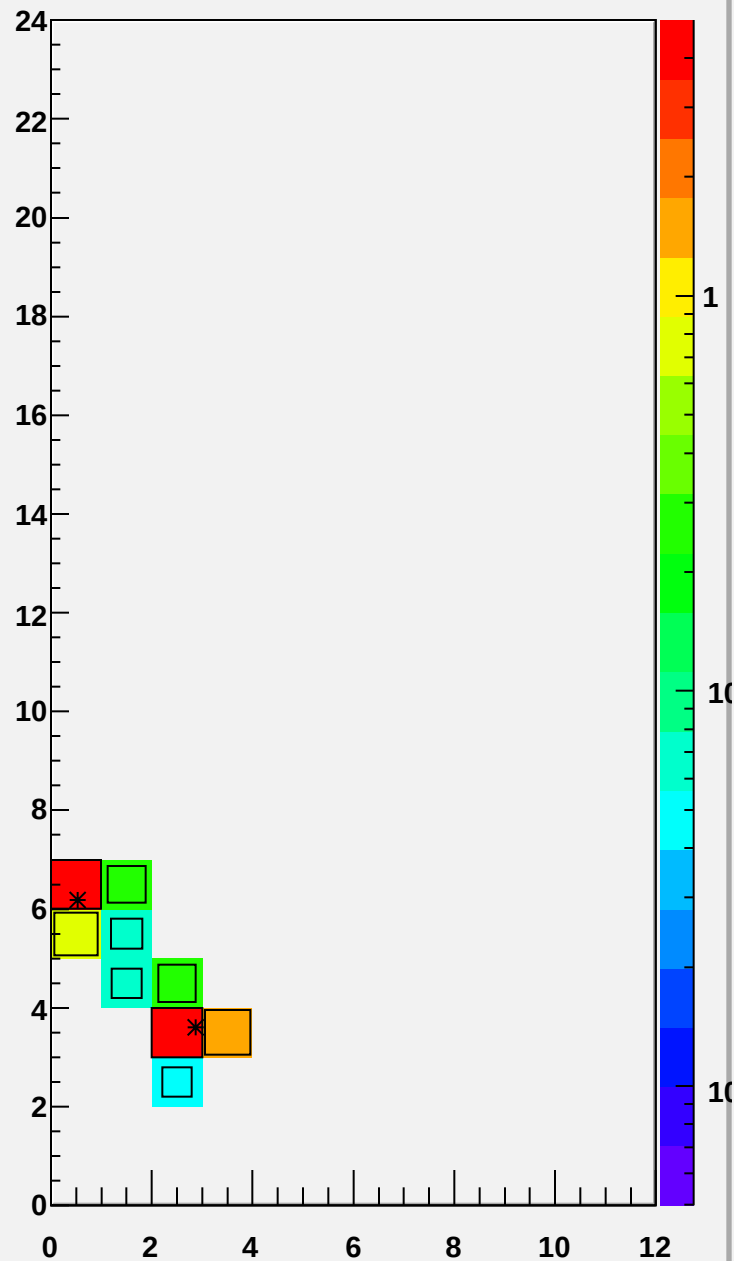
Fitted Energies



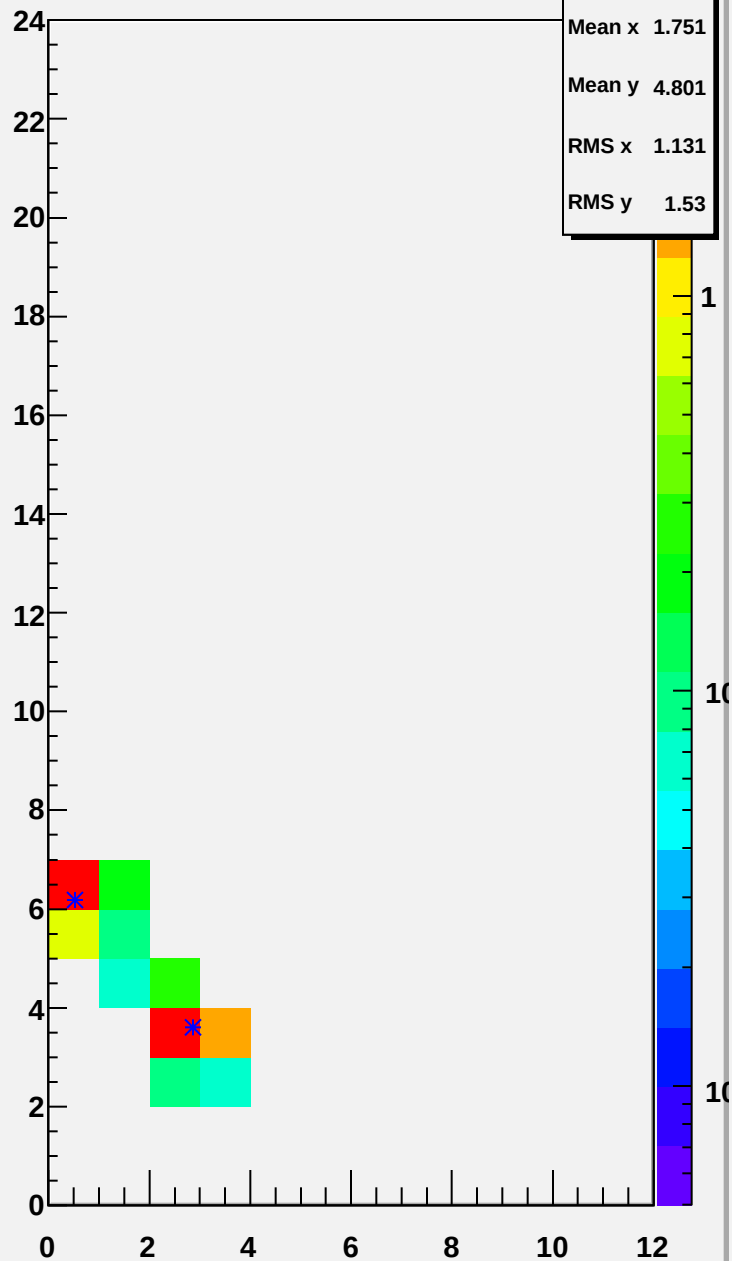
Efit

Entries	288
Mean x	2.478
Mean y	2.931
RMS x	0.3933
RMS y	0.8382

NSTB3_r4_c3_En=12.1_m0=0.125_m1=0.125_index=1191



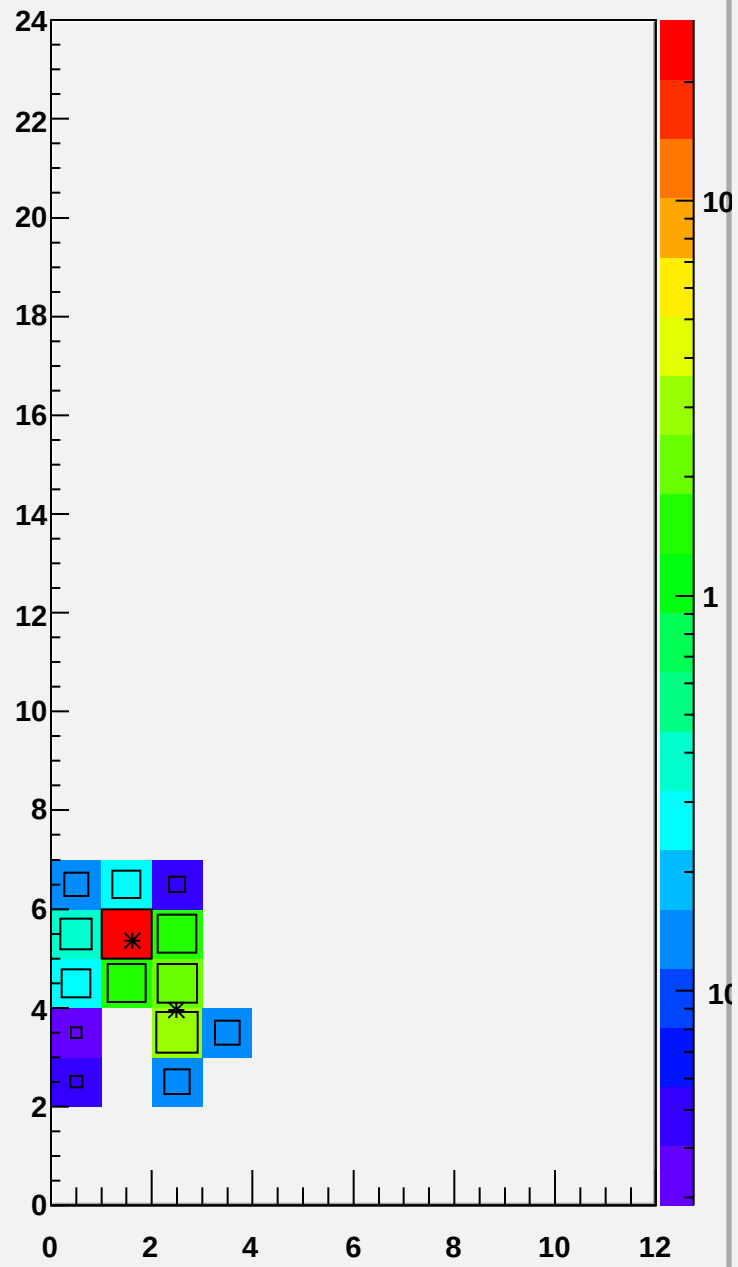
Fitted Energies



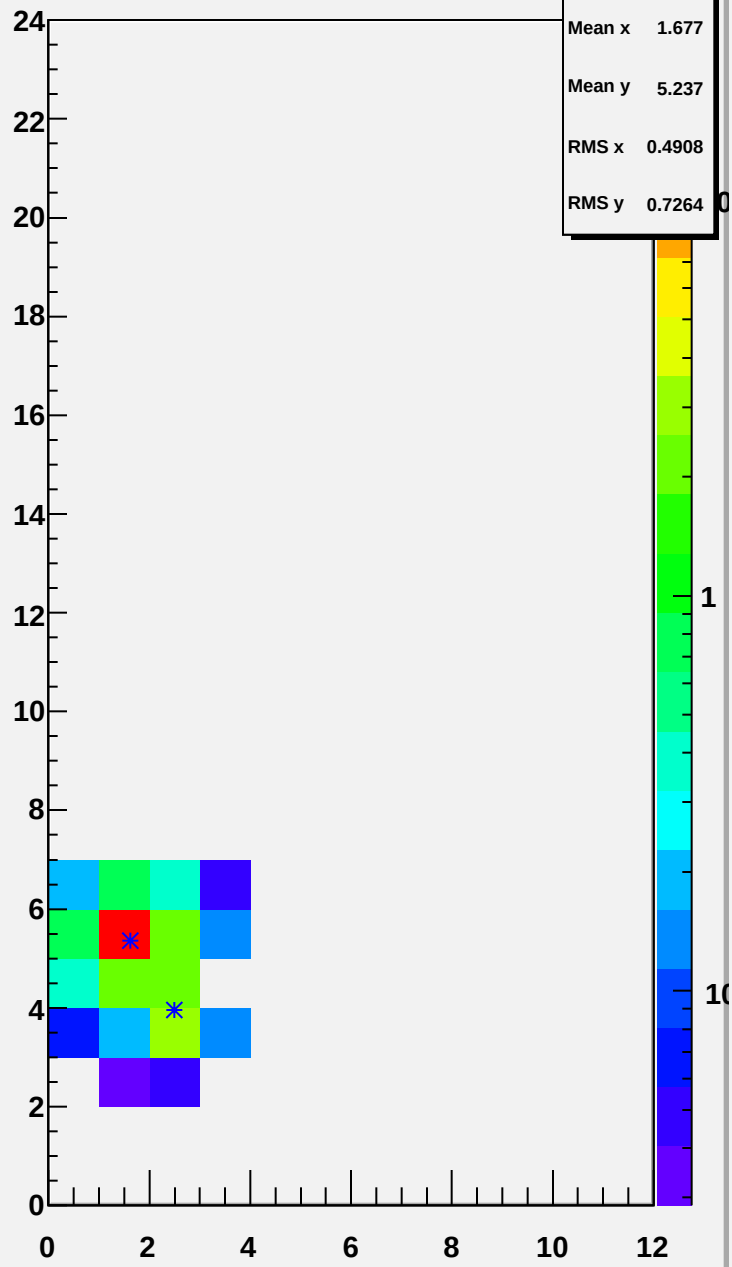
Efit

Entries 288
Mean x 1.751
Mean y 4.801
RMS x 1.131
RMS y 1.53

NSTB3_r4_c3_En=38.5_m0=0.131 m1=0.131 index=1192



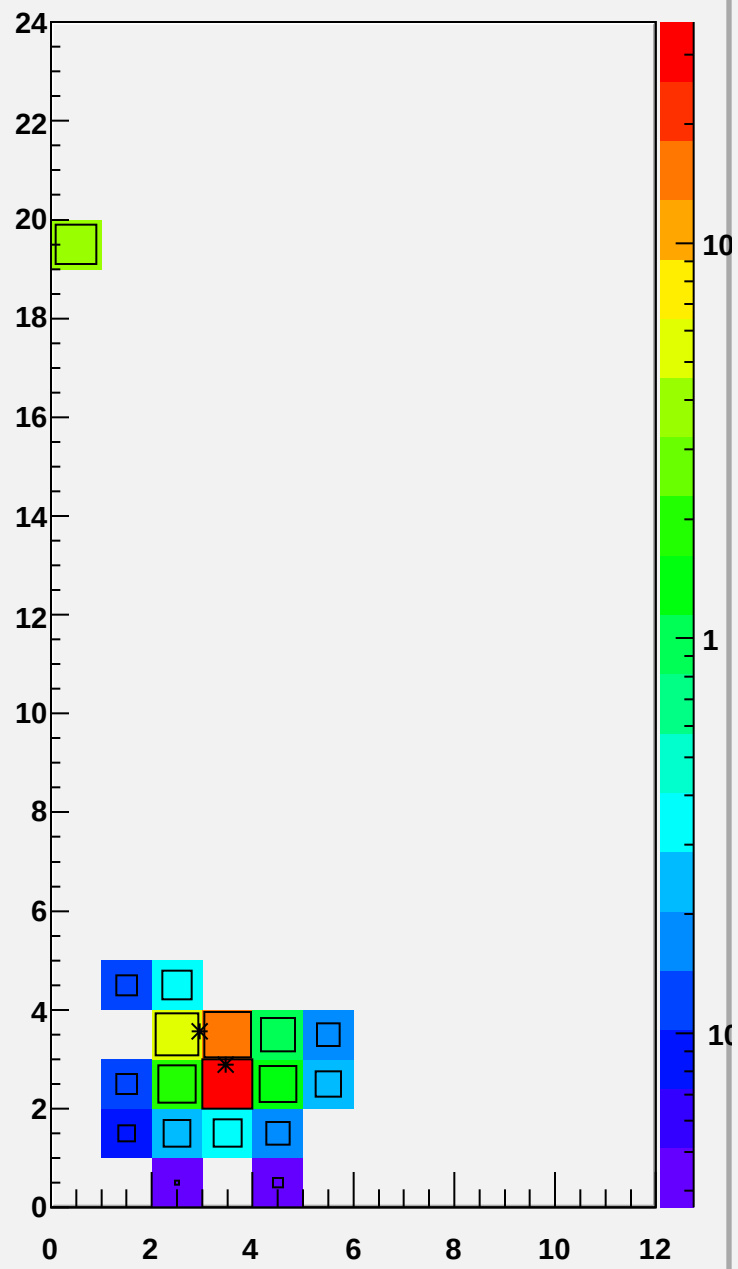
Fitted Energies



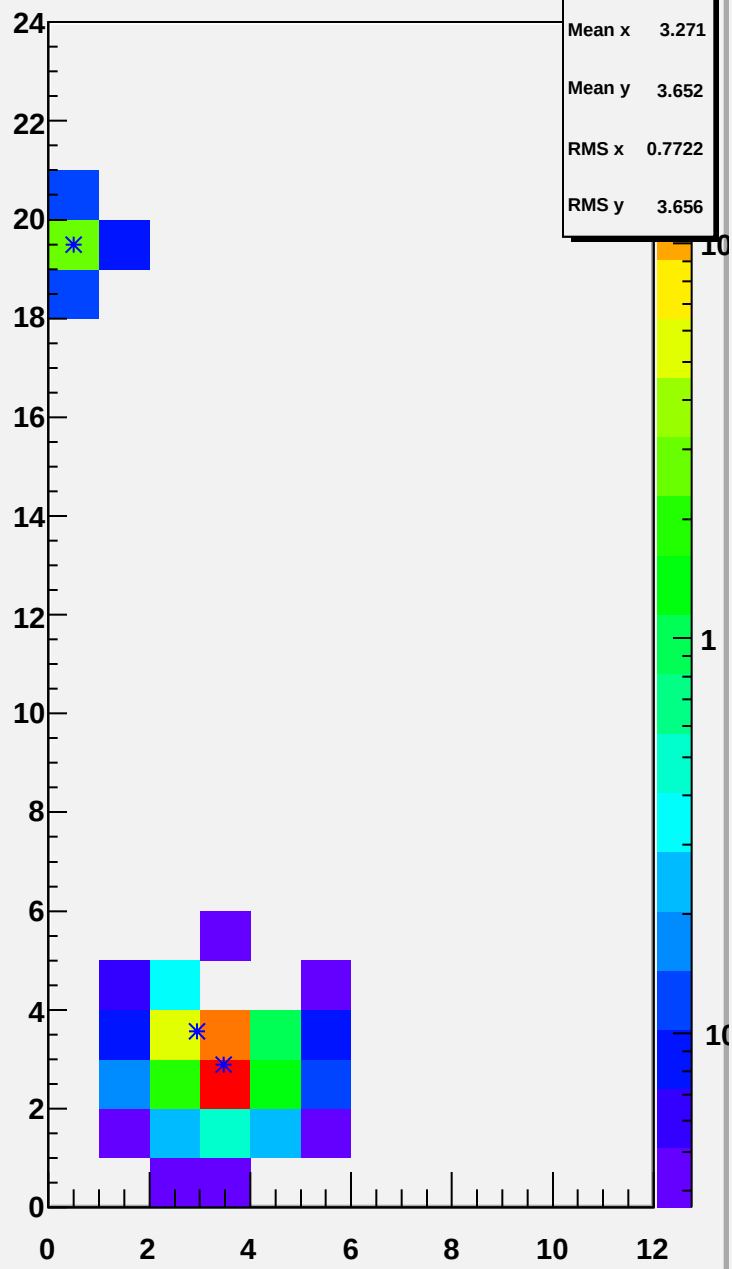
Efit

Entries	288
Mean x	1.677
Mean y	5.237
RMS x	0.4908
RMS y	0.7264

NSTB3_r4_c3_En=64.3_m0=0.093 m1=0.093 index=1193



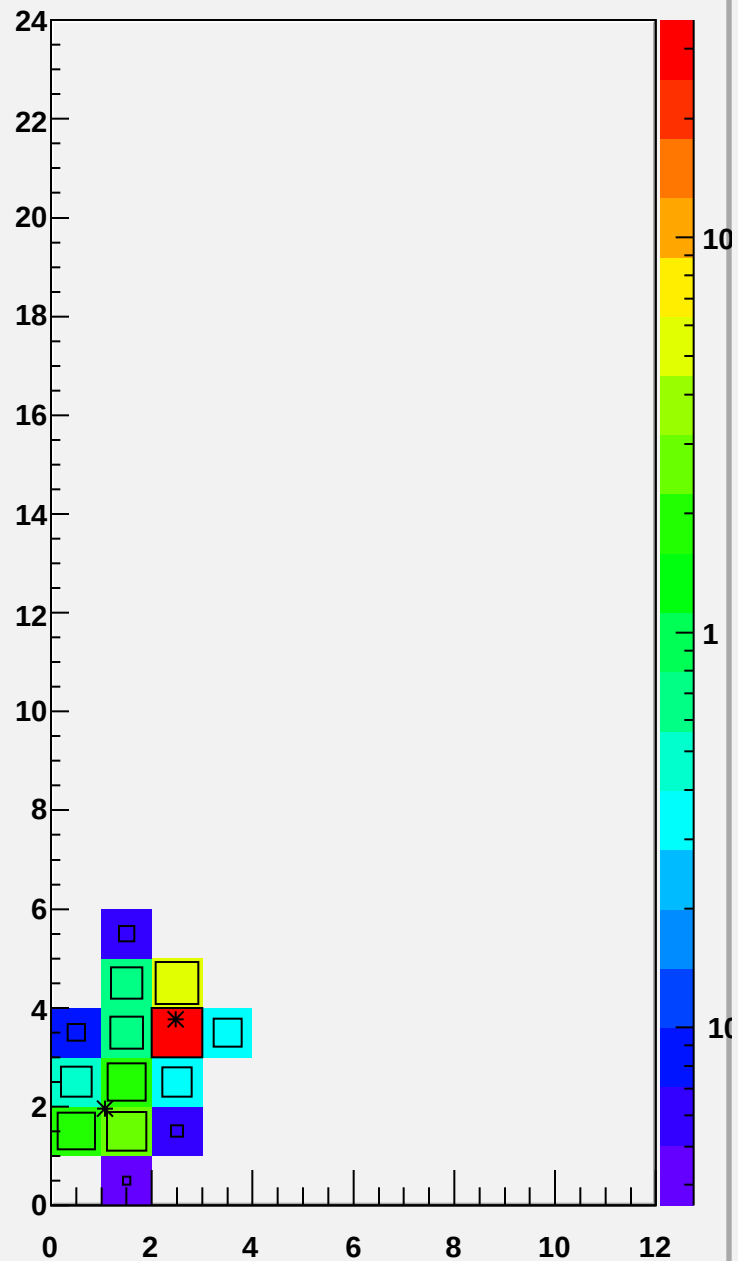
Fitted Energies



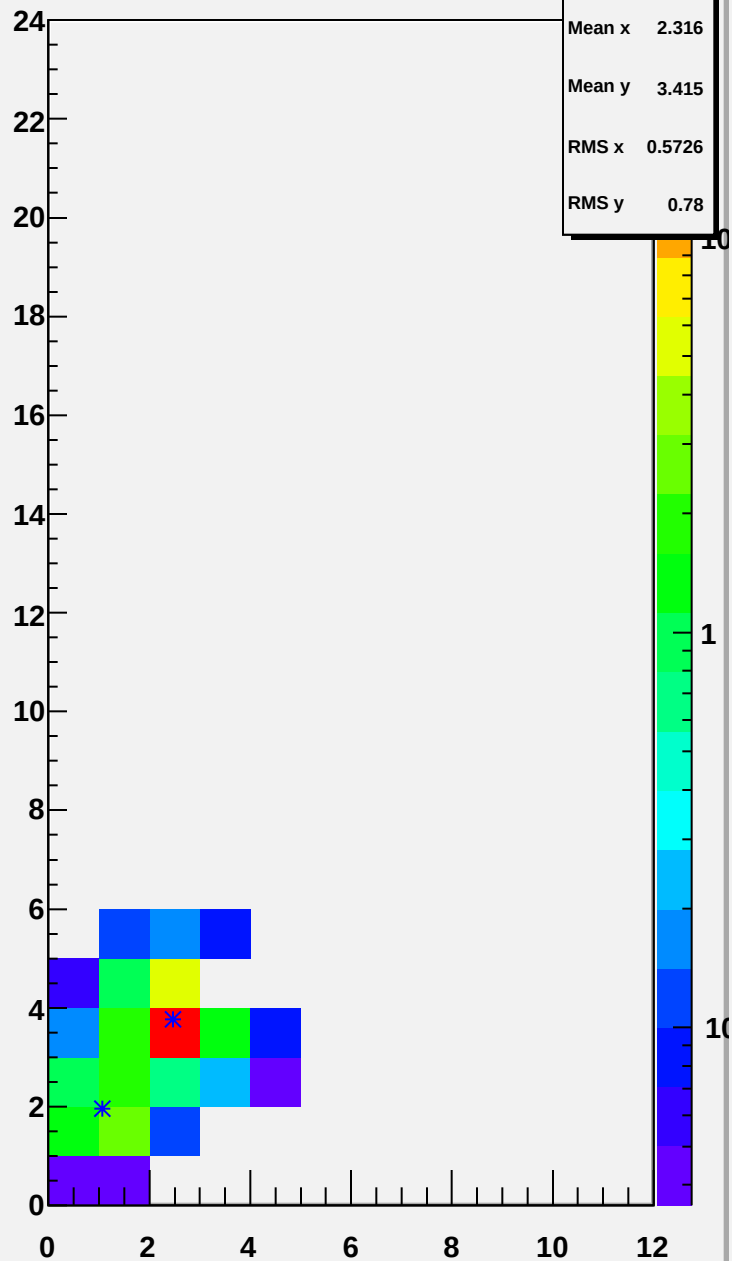
Efit

Entries	288
Mean x	3.271
Mean y	3.652
RMS x	0.7722
RMS y	3.656

NSTB3_r4_c3_En=48.7_m0=0.215 m1=0.215 index=1194



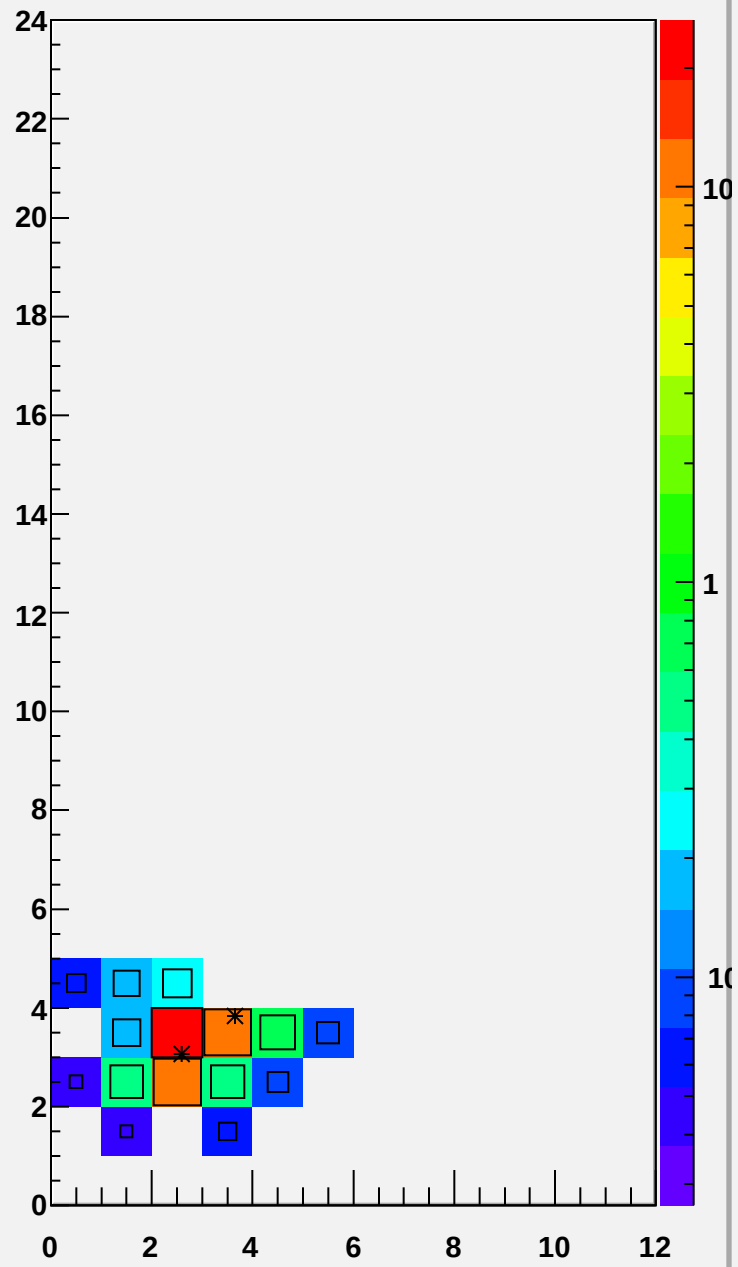
Fitted Energies



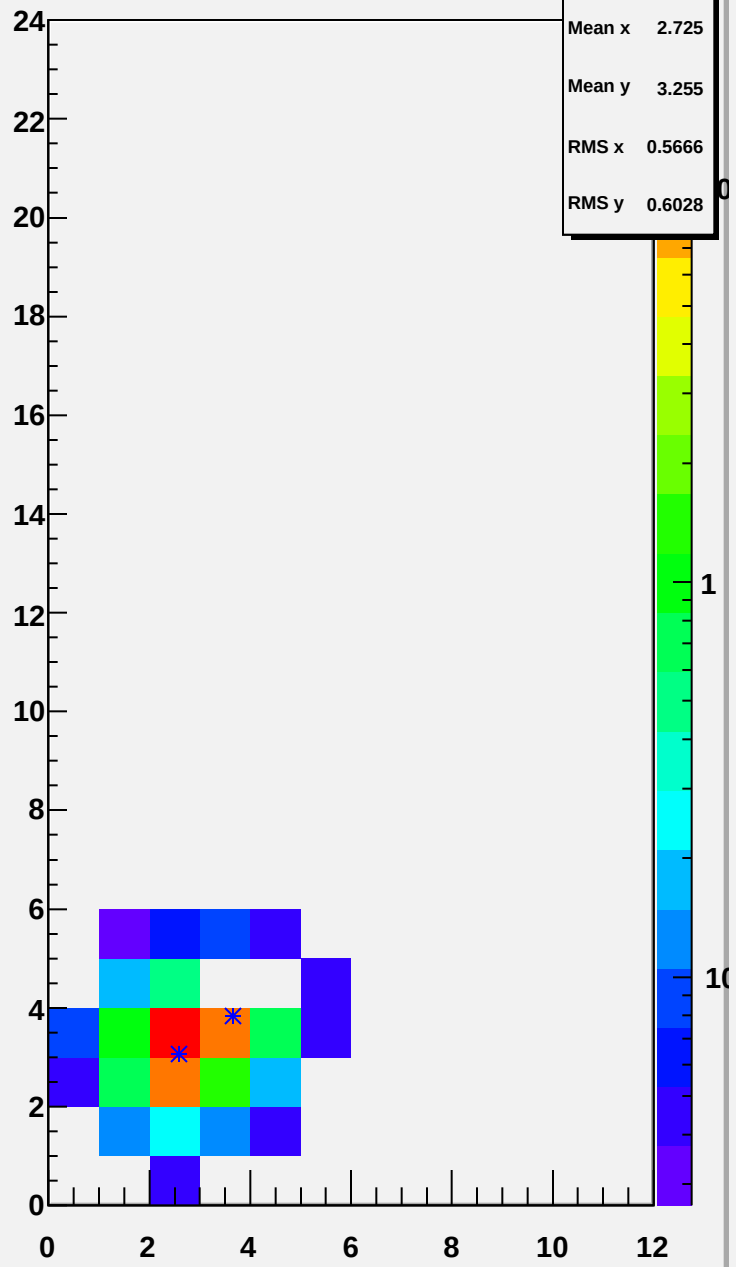
Efit

Entries	288
Mean x	2.316
Mean y	3.415
RMS x	0.5726
RMS y	0.78

NSTB3_r4_c3_En=51.4_m0=0.162 m1=0.162 index=1195



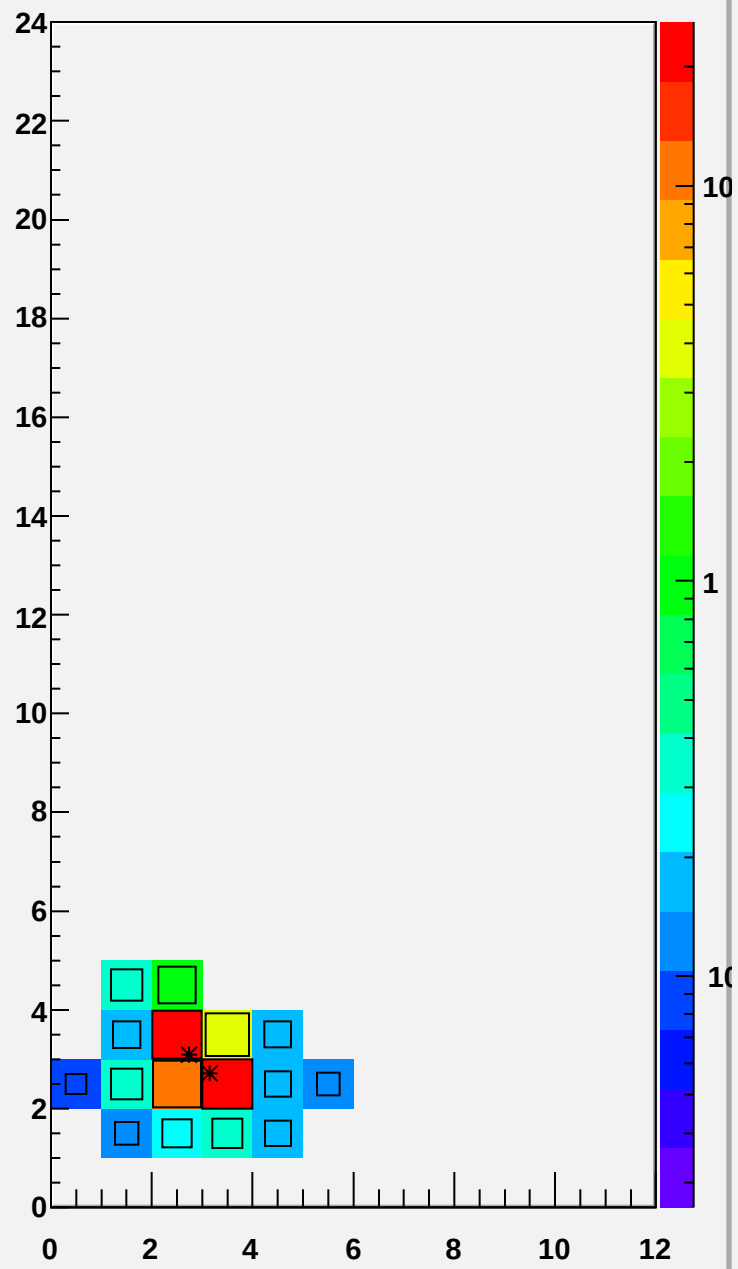
Fitted Energies



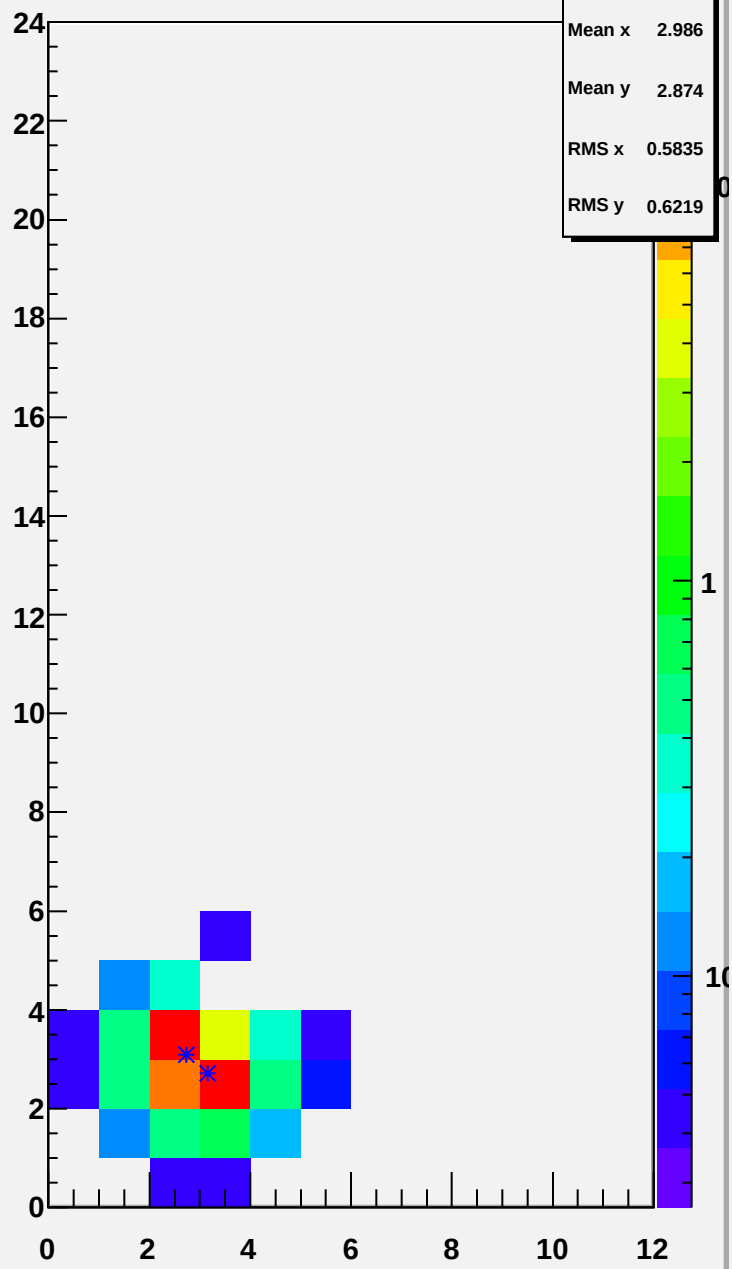
Efit

Entries	288
Mean x	2.725
Mean y	3.255
RMS x	0.5666
RMS y	0.6028

NSTB3_r4_c3_En=64.3_m0=0.097 m1=0.097 index=1196



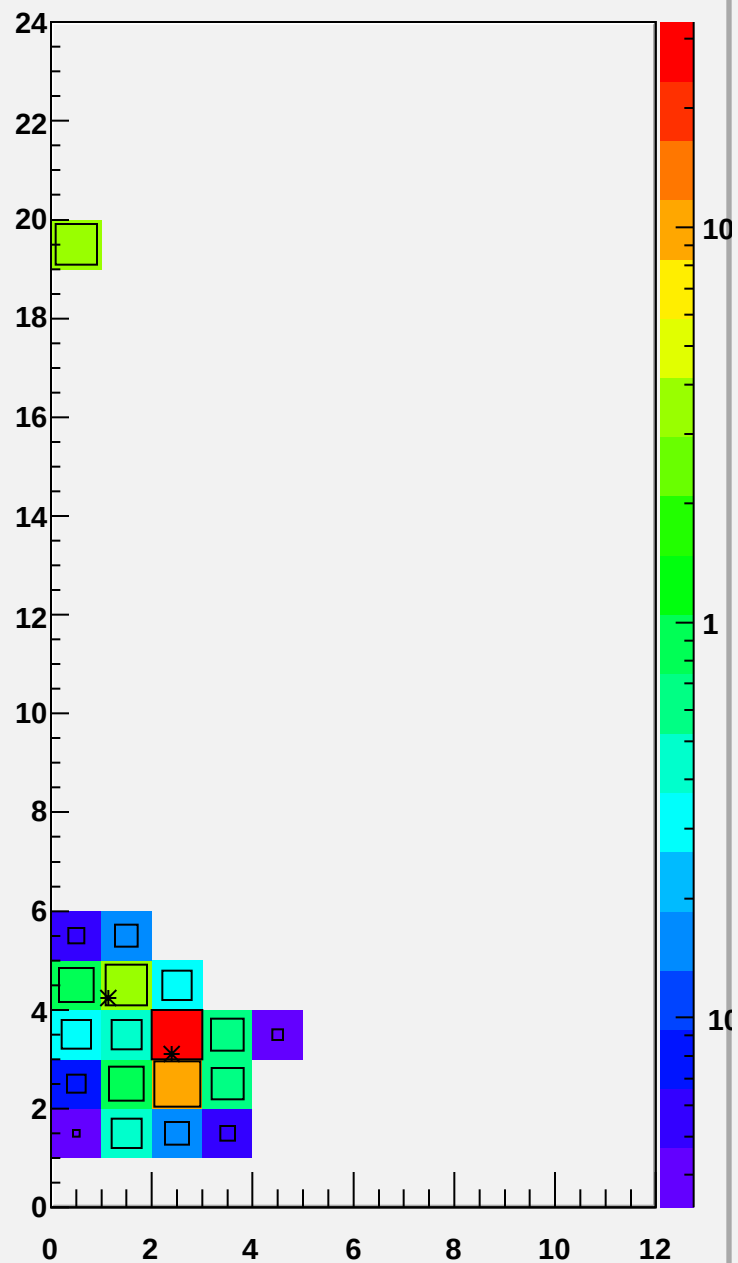
Fitted Energies



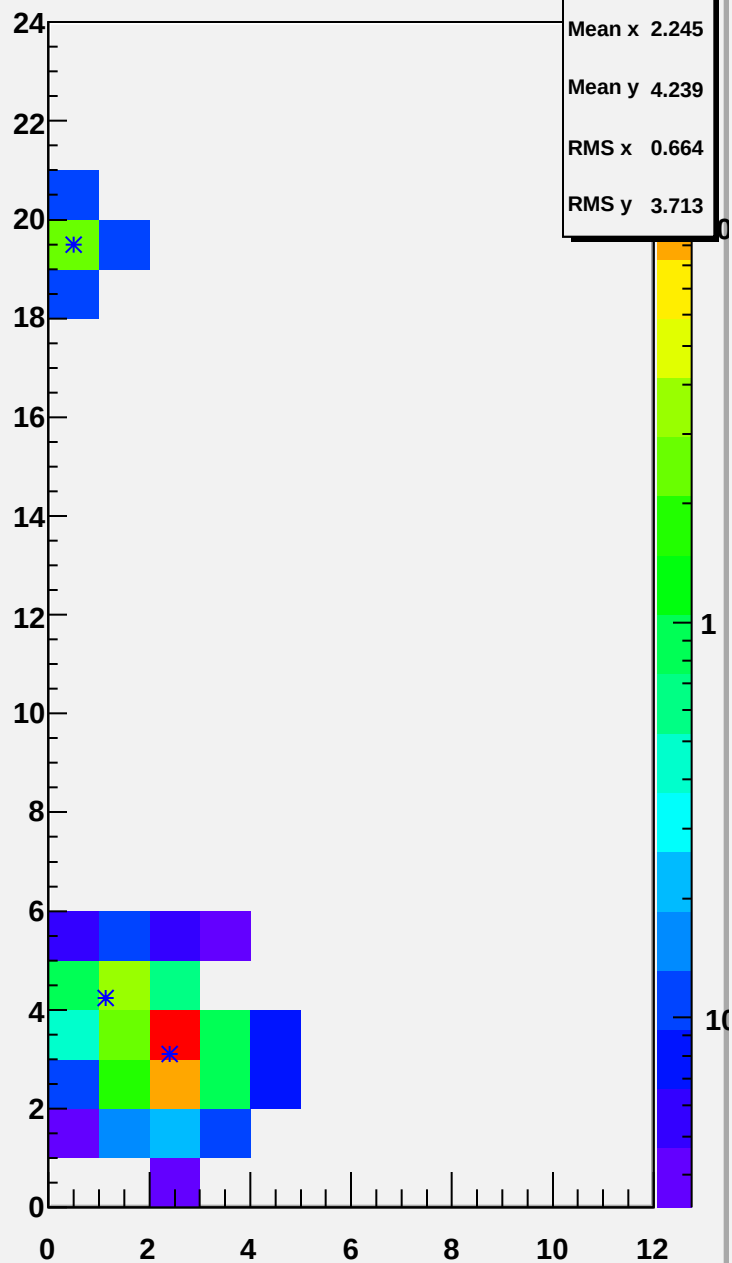
Efit

Entries	288
Mean x	2.986
Mean y	2.874
RMS x	0.5835
RMS y	0.6219

NSTB3_r4_c3_En=55.2_m0=0.151 m1=0.151 index=1197



Fitted Energies



Efit

Entries 288

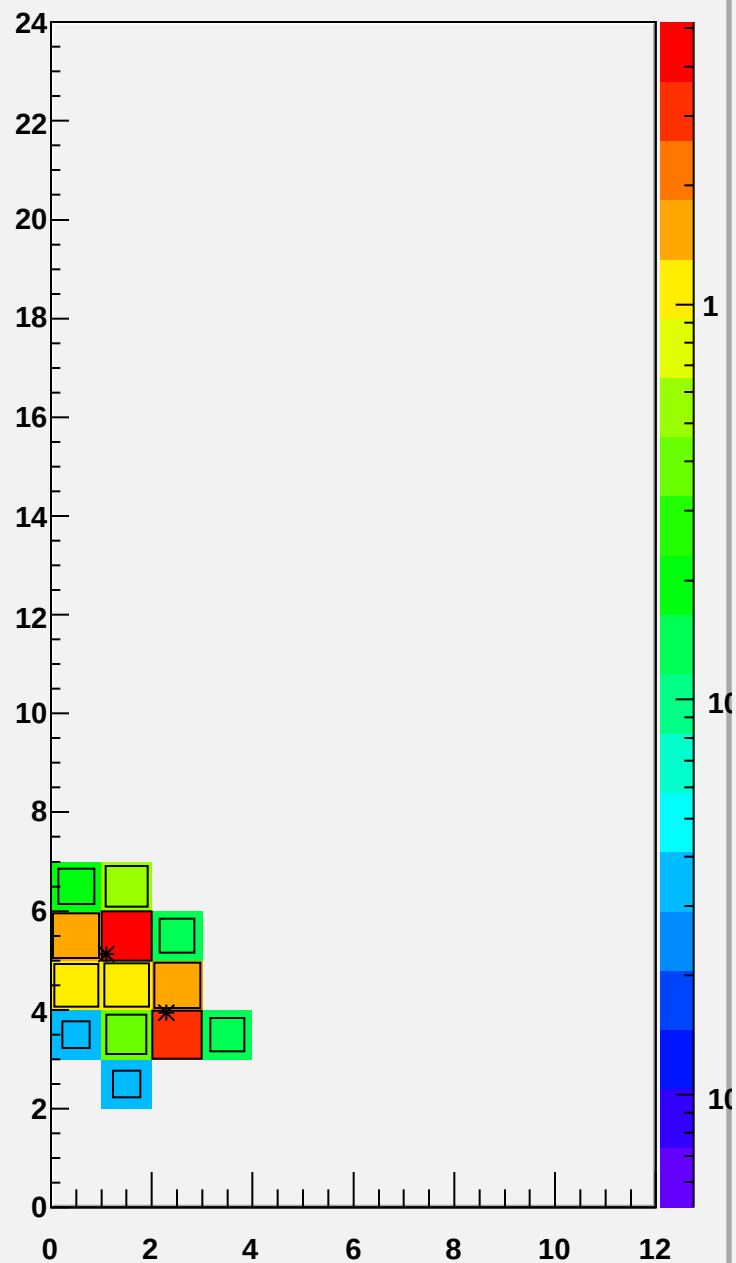
Mean x 2.245

Mean y 4.239

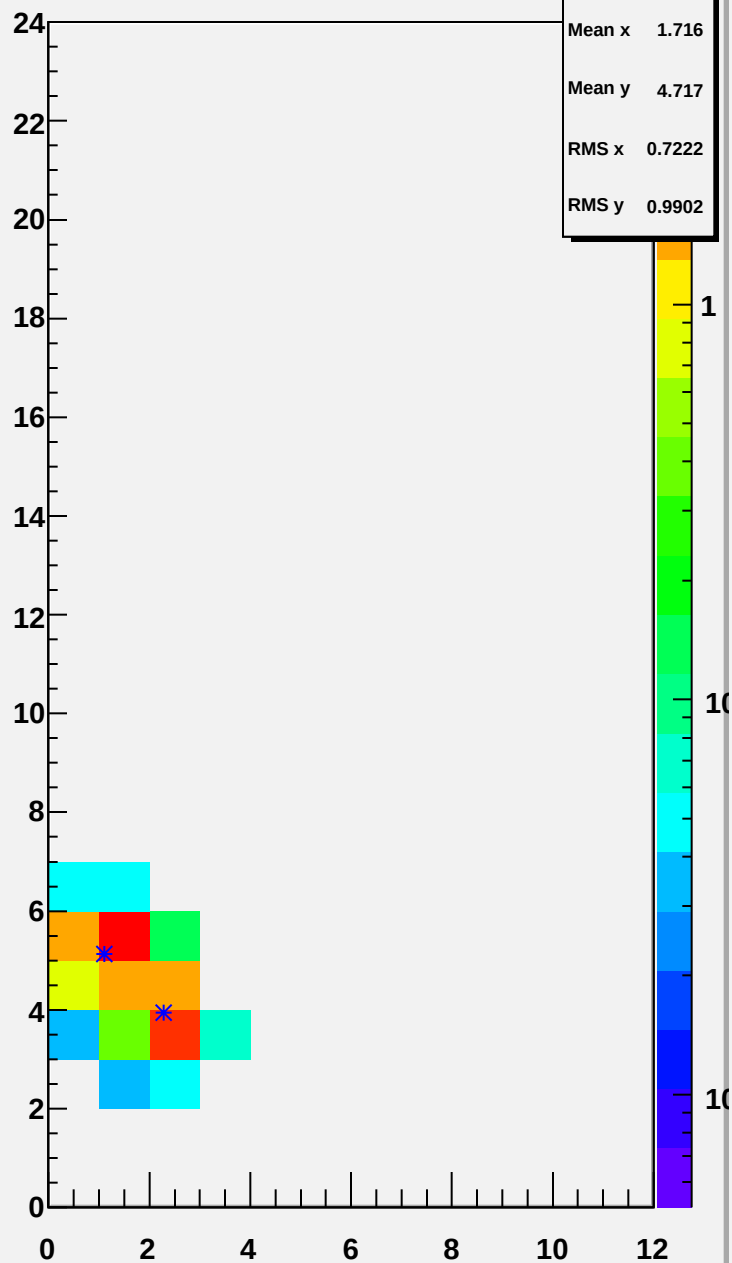
RMS x 0.664

RMS y 3.713

NSTB3_r4_c3_En=15.6_m0=0.072 m1=0.072 index=1199



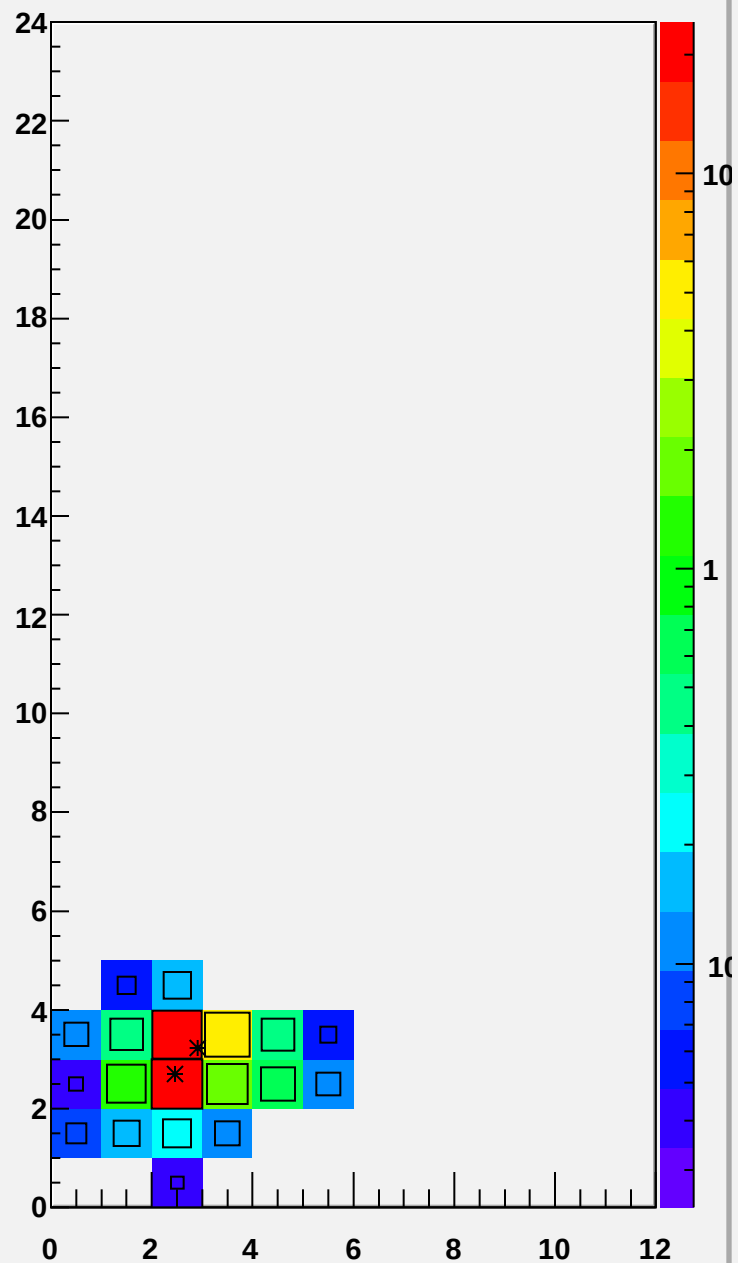
Fitted Energies



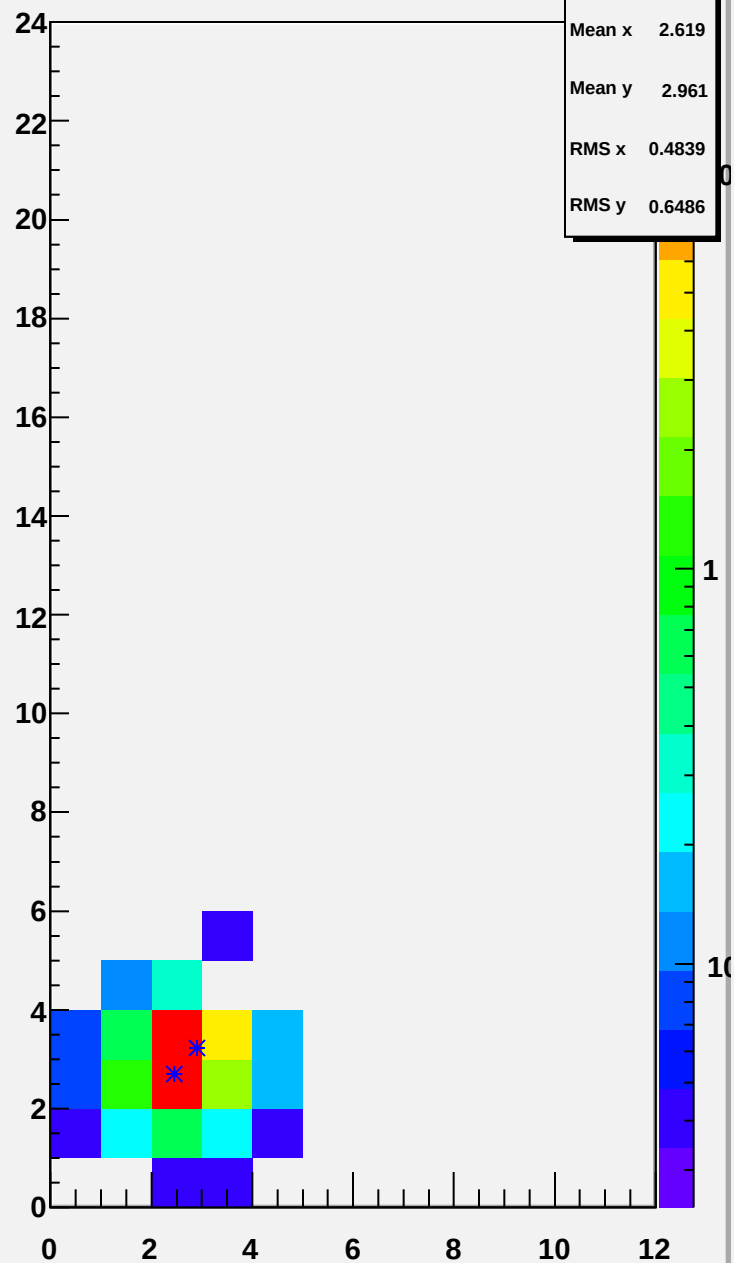
Efit

Entries	288
Mean x	1.716
Mean y	4.717
RMS x	0.7222
RMS y	0.9902

NSTB3_r4_c3_En=53.6_m0=0.099 m1=0.099 index=1201



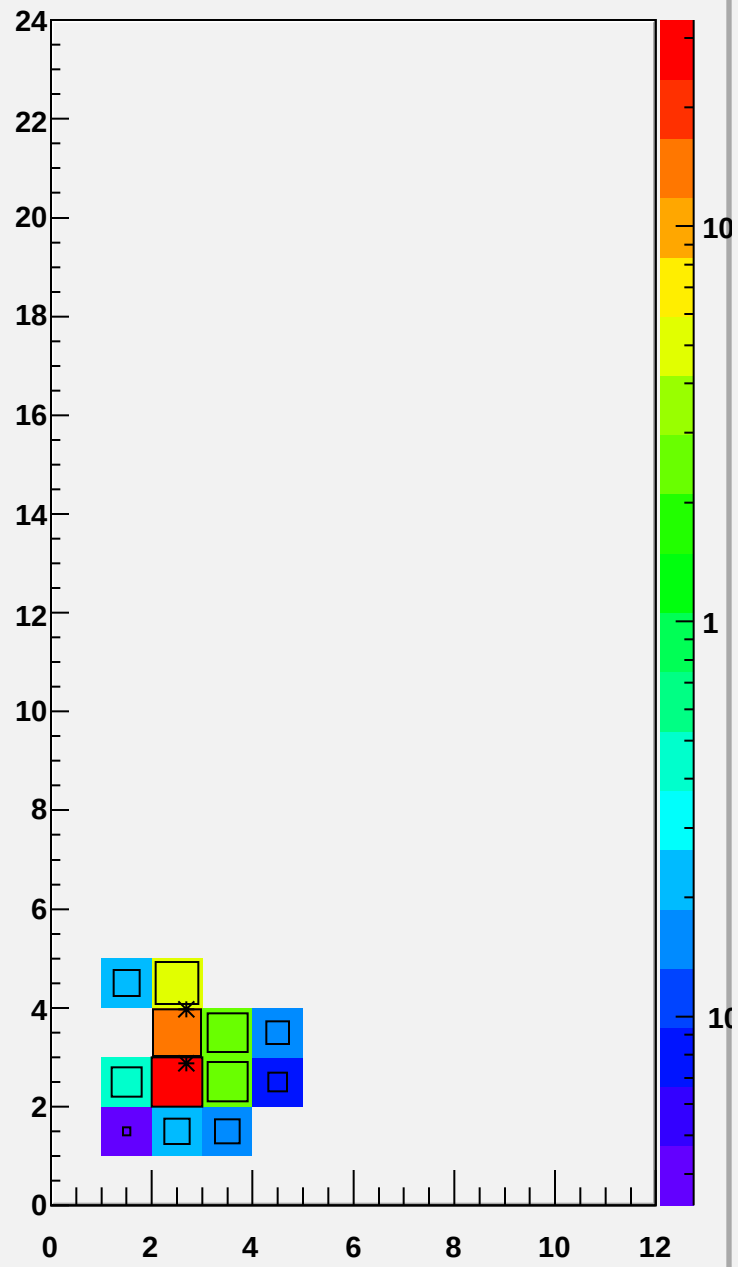
Fitted Energies



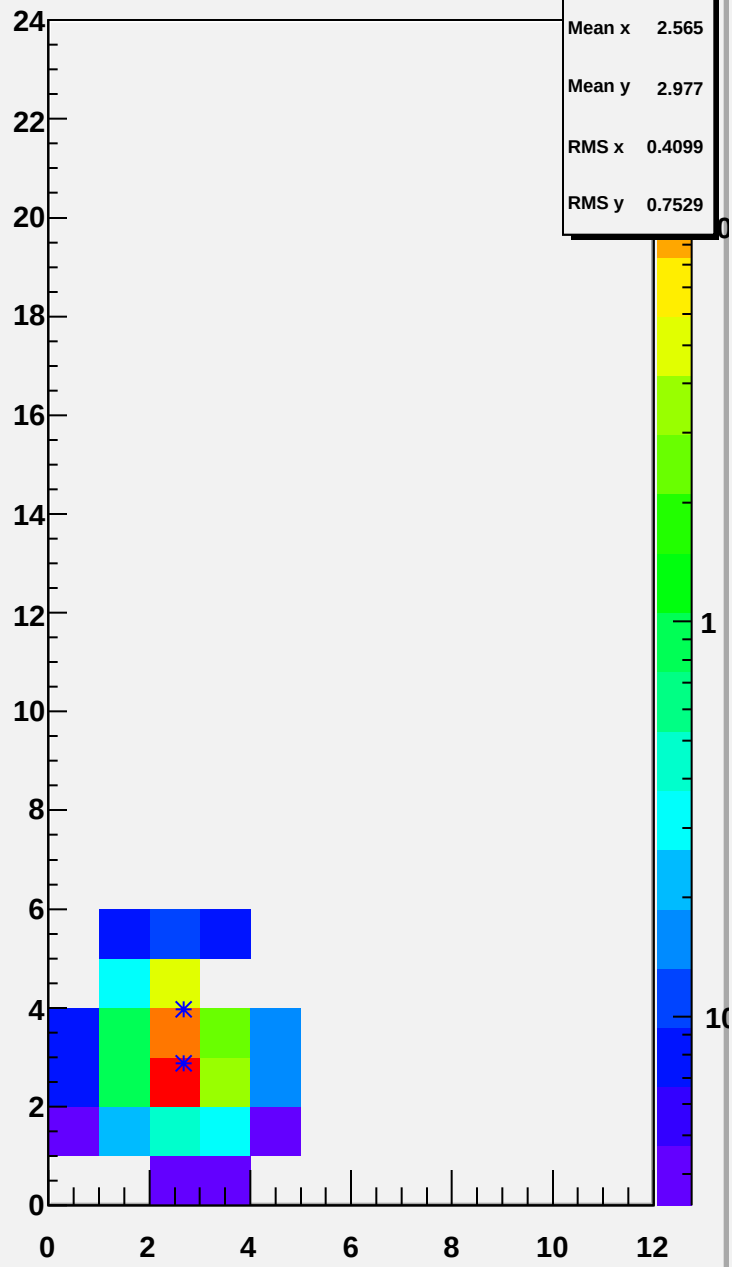
Efit

Entries	288
Mean x	2.619
Mean y	2.961
RMS x	0.4839
RMS y	0.6486

NSTB3_r4_c3_En=60.7_m0=0.159 m1=0.158 index=1202



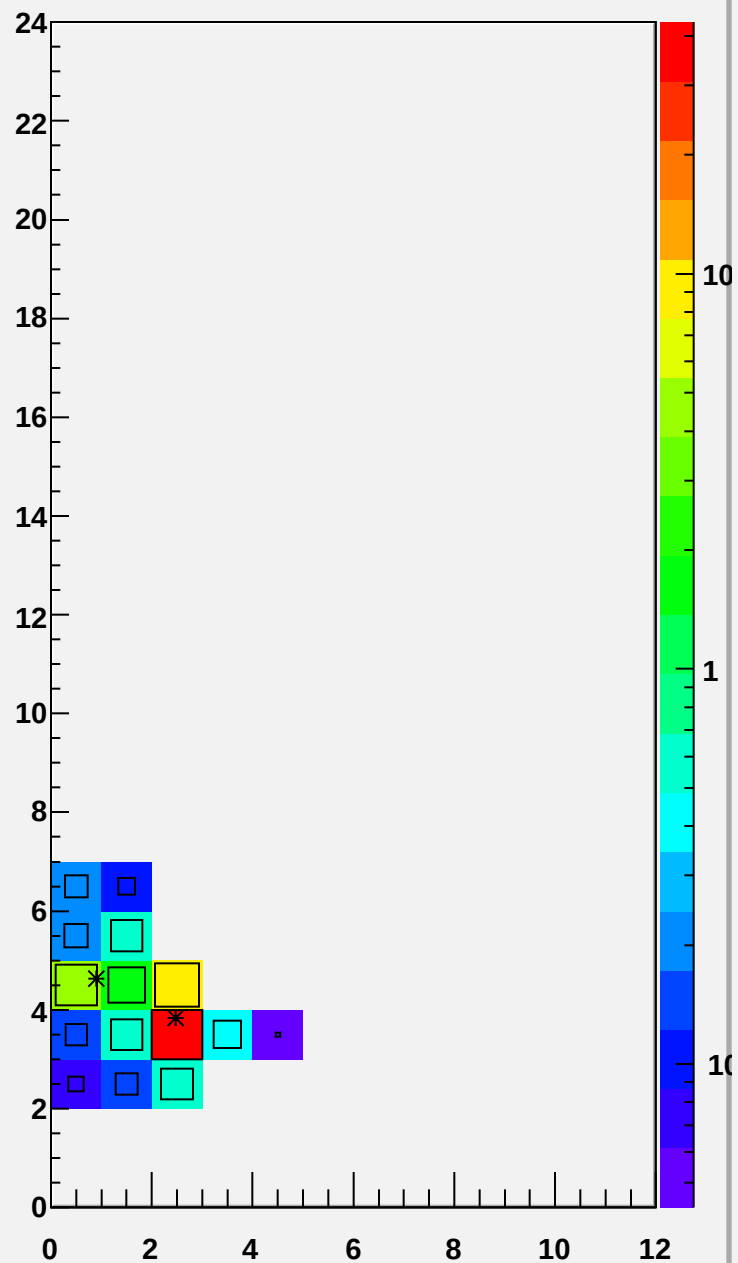
Fitted Energies



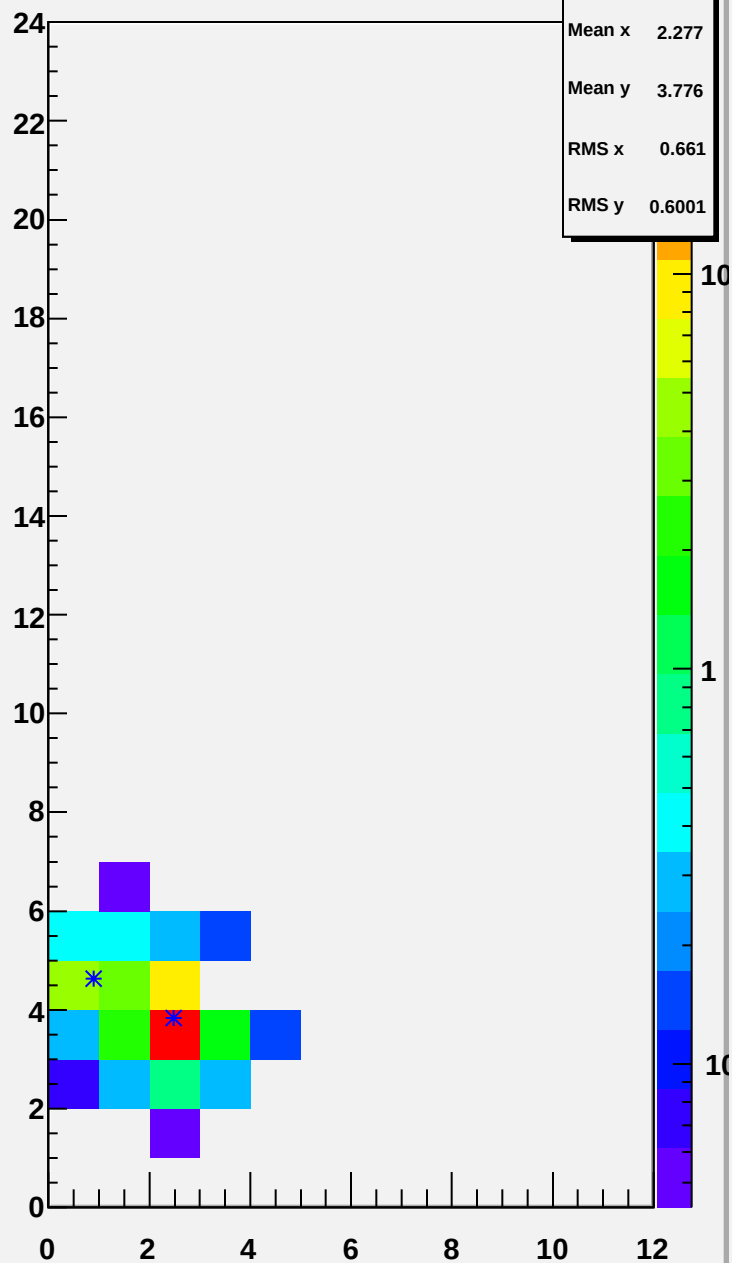
Efit

Entries	288
Mean x	2.565
Mean y	2.977
RMS x	0.4099
RMS y	0.7529

NSTB3_r4_c3_En=61.9_m0=0.203 m1=0.203 index=1203



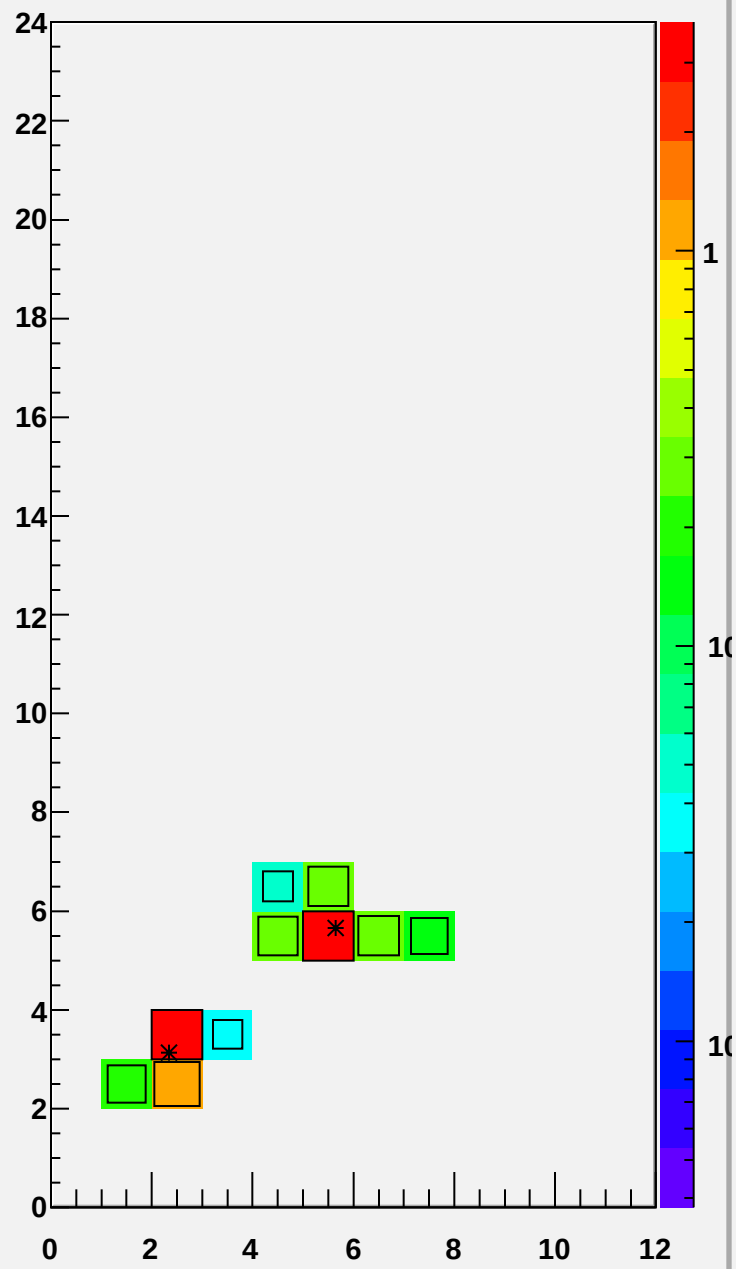
Fitted Energies



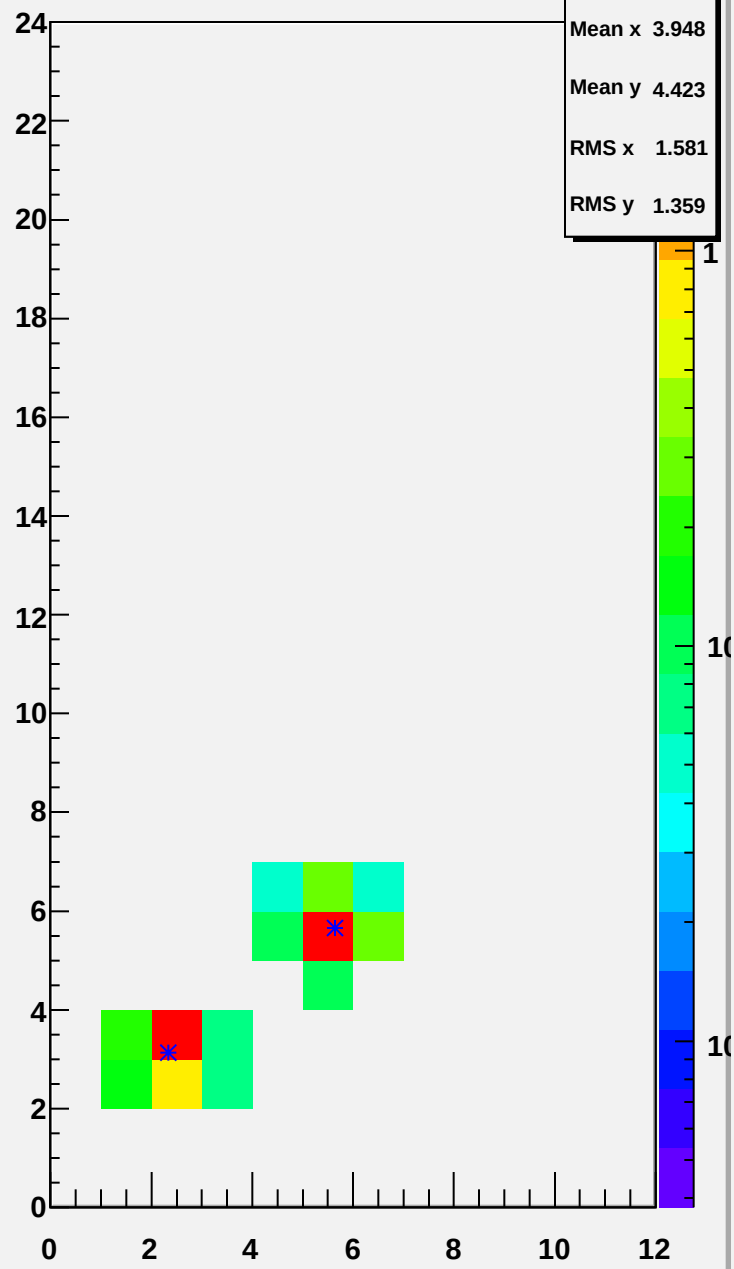
Efit

Entries	288
Mean x	2.277
Mean y	3.776
RMS x	0.661
RMS y	0.6001

NSTB3_r4_c3_En= 9.6_m0=0.114 m1=0.114 index=1204



Fitted Energies



Efit

Entries 288

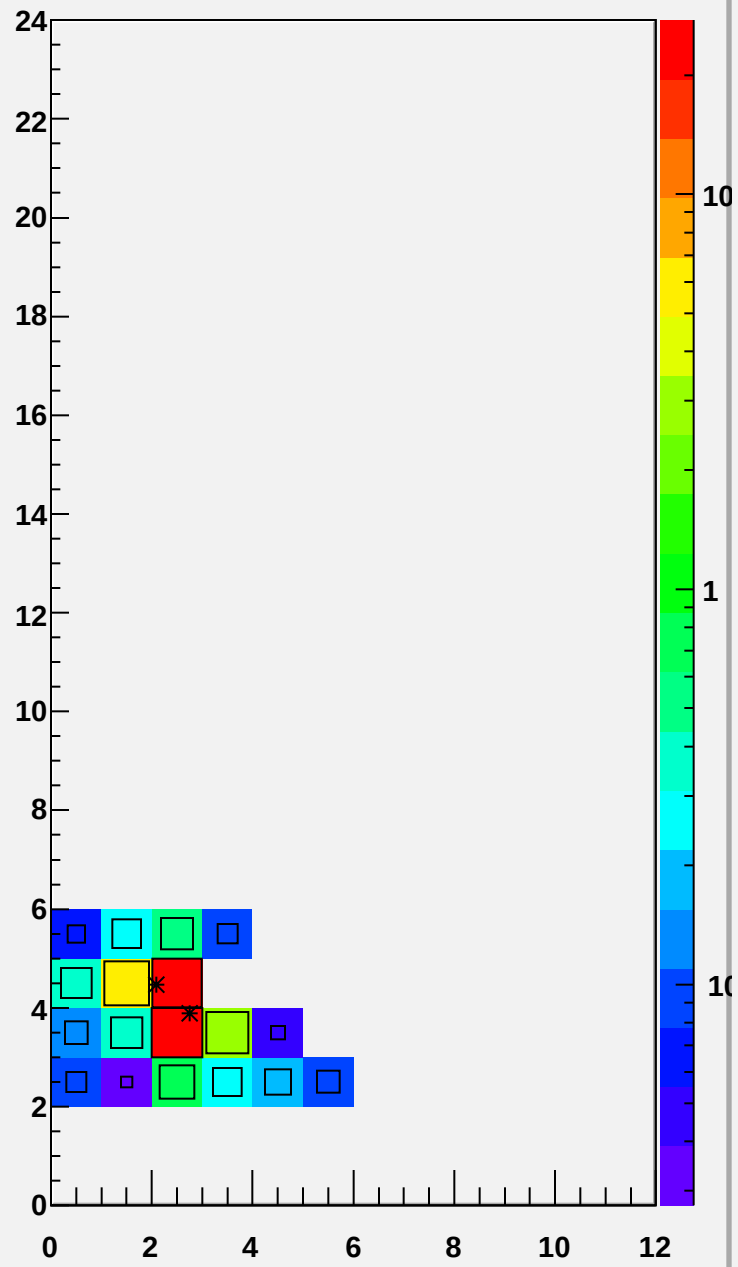
Mean x 3.948

Mean y 4.423

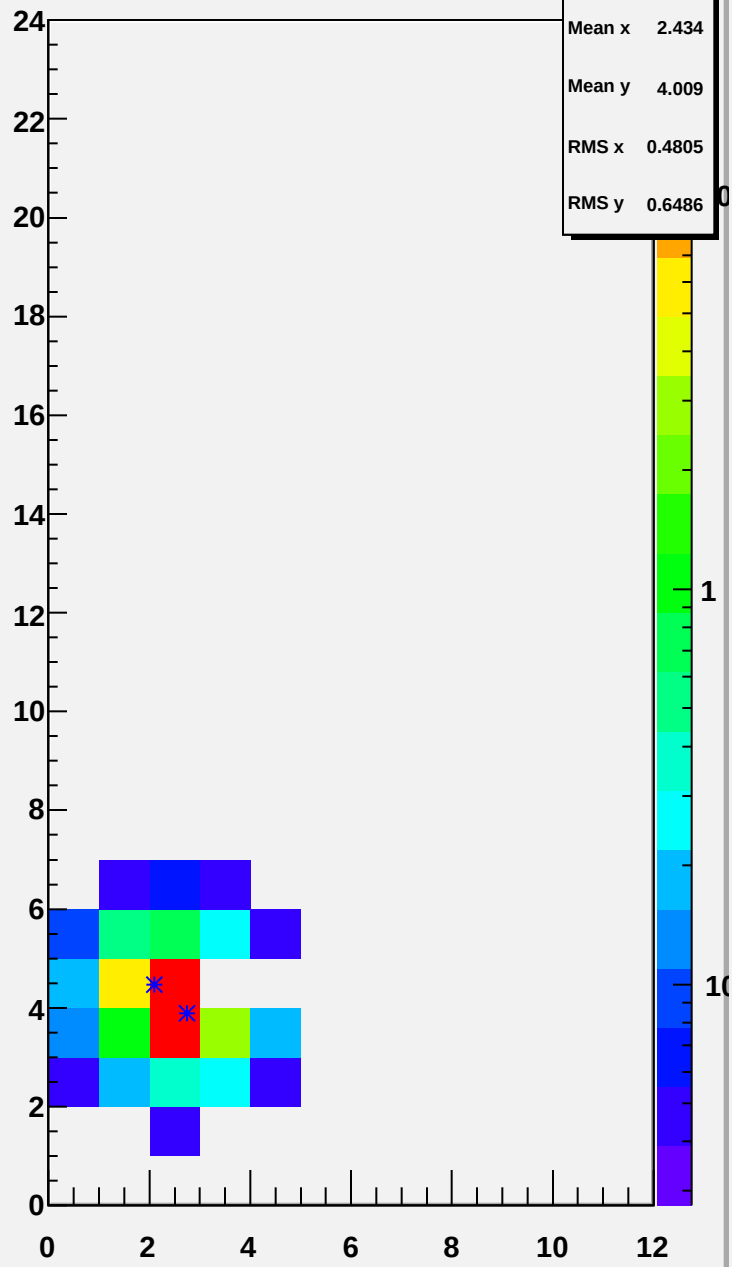
RMS x 1.581

RMS y 1.359

NSTB3_r4_c3_En=64.1_m0=0.150 m1=0.150 index=1205



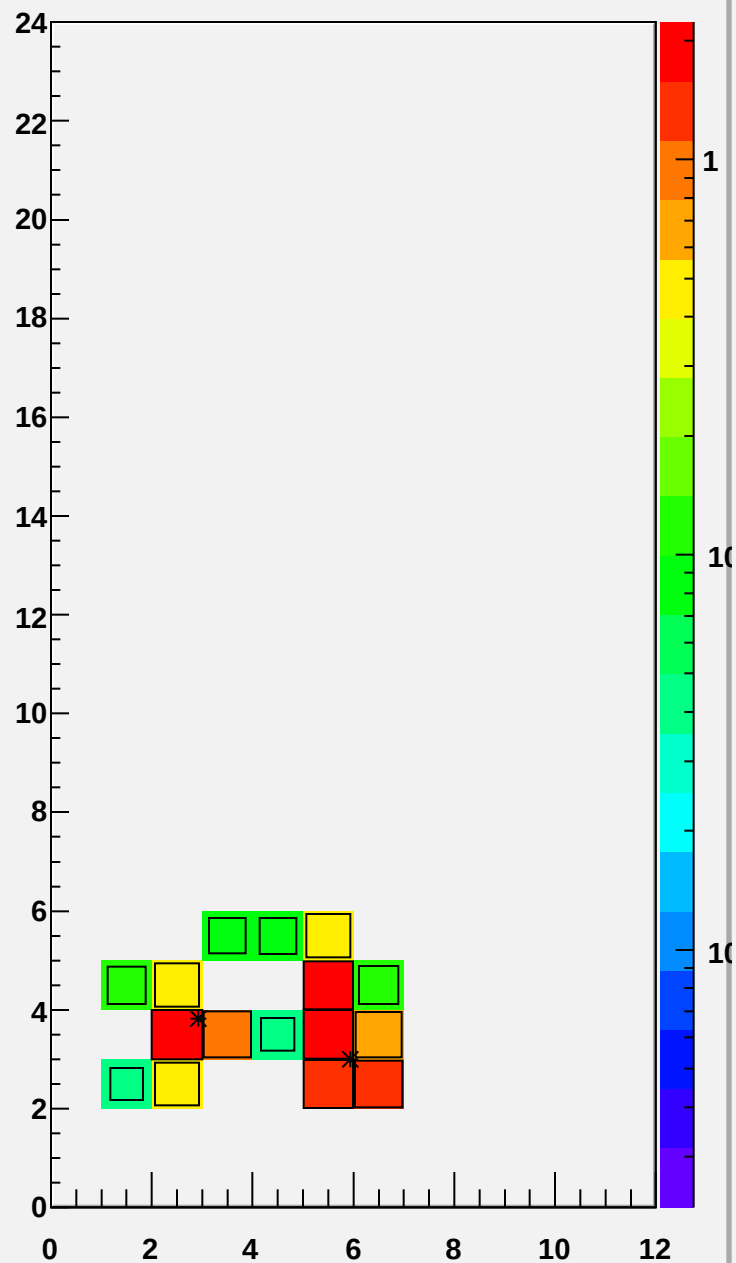
Fitted Energies



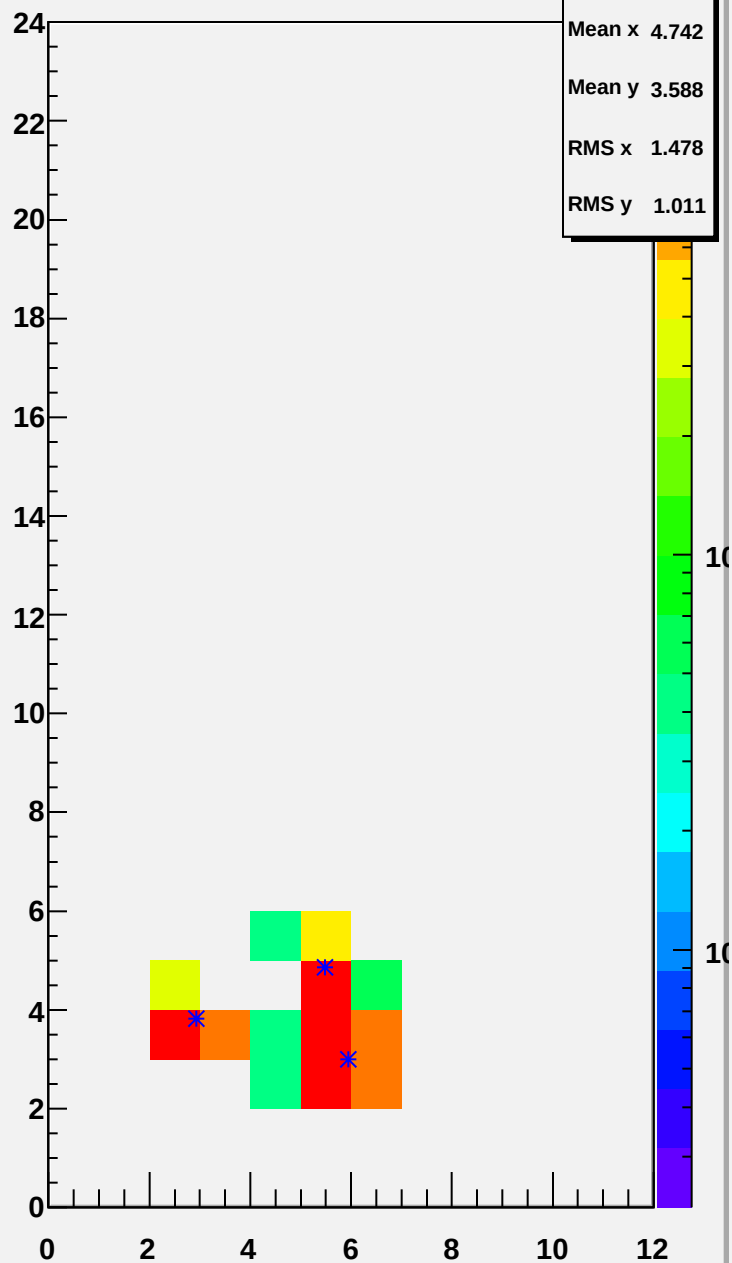
Efit

Entries	288
Mean x	2.434
Mean y	4.009
RMS x	0.4805
RMS y	0.6486

NSTB3_r4_c3_En=11.7_m0=0.081 m1=0.081 index=1207



Fitted Energies



Efit

Entries 288

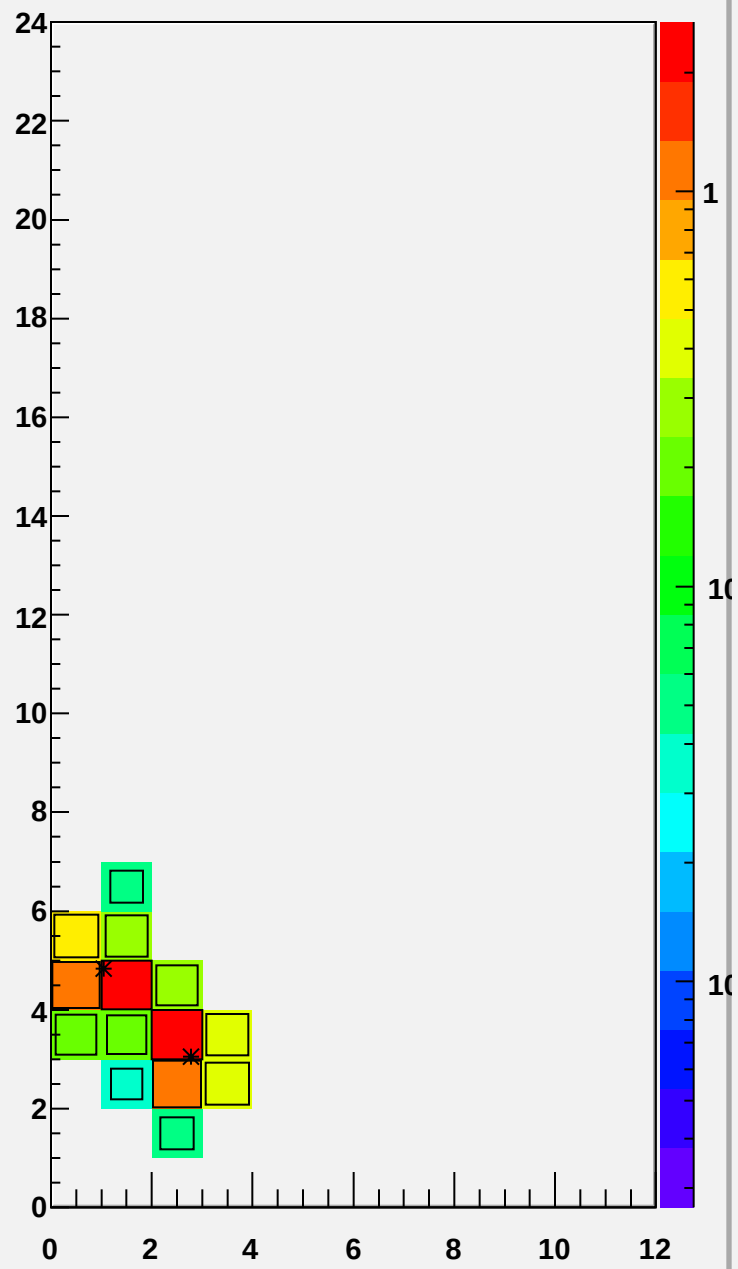
Mean x 4.742

Mean y 3.588

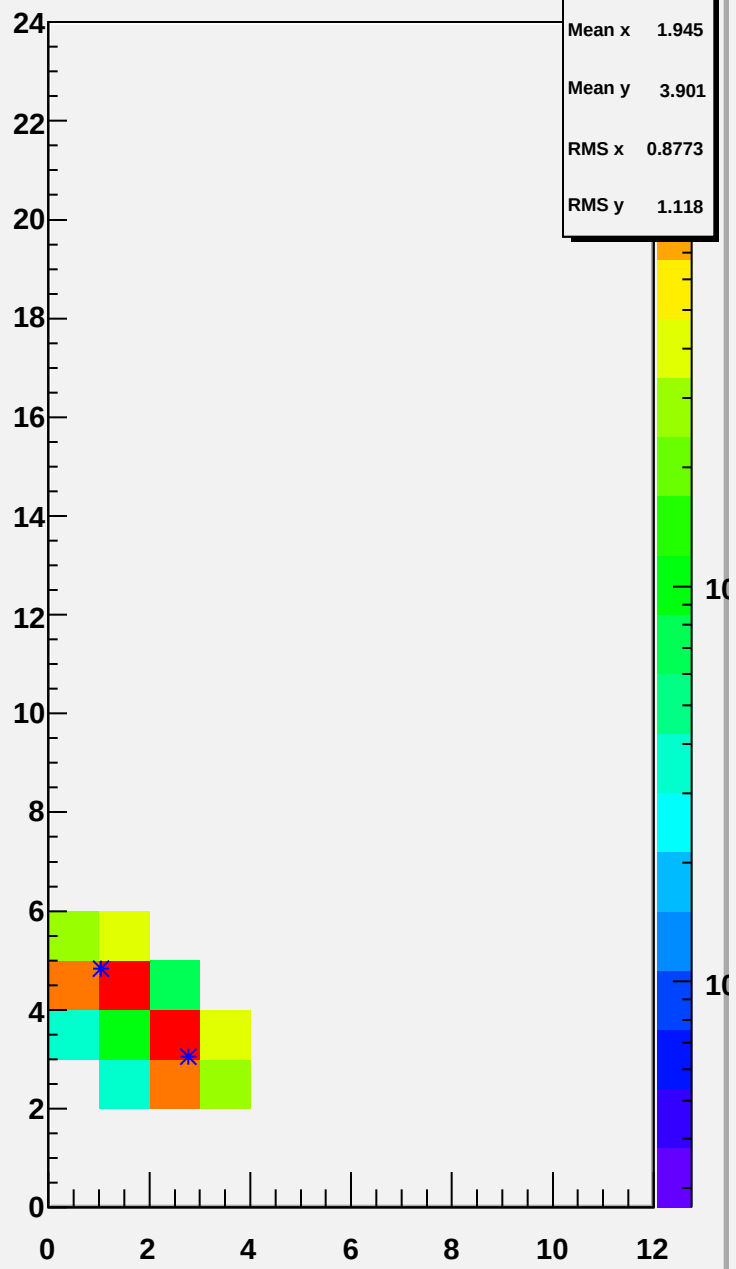
RMS x 1.478

RMS y 1.011

NSTB3_r4_c3_En= 9.6_m0=0.064 m1=0.063 index=1208



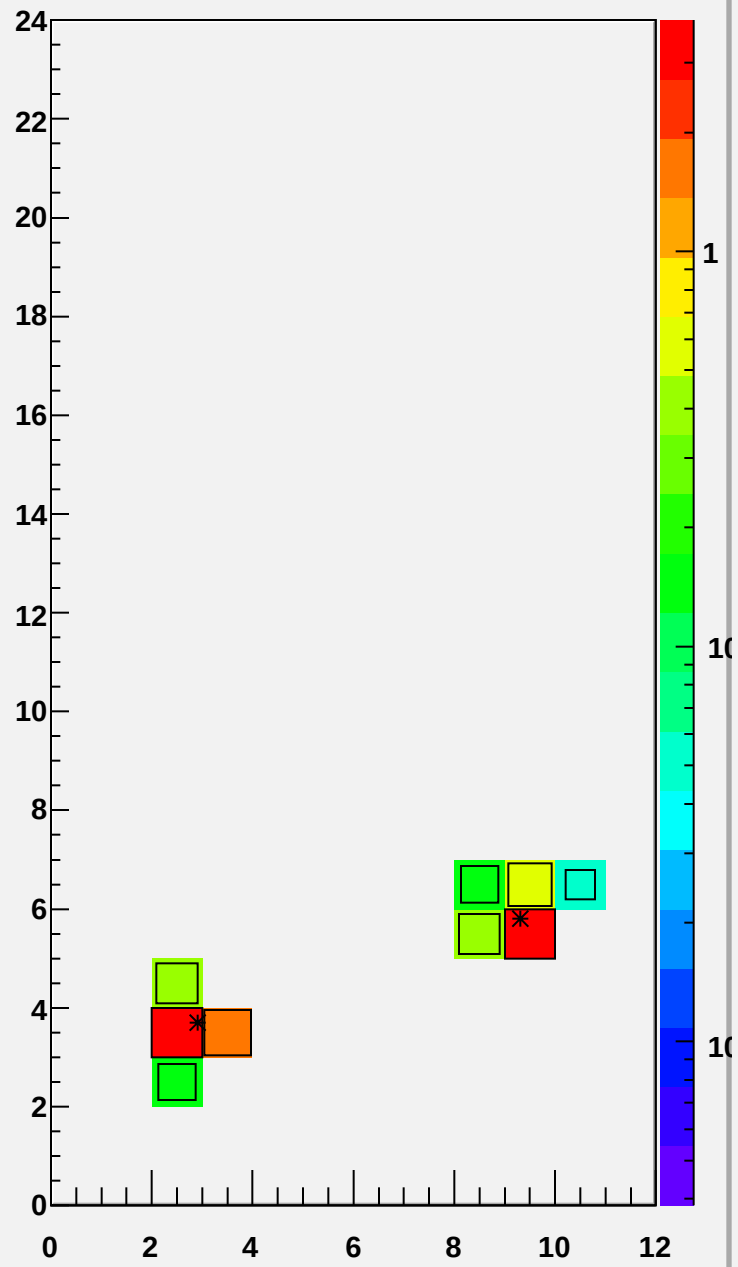
Fitted Energies



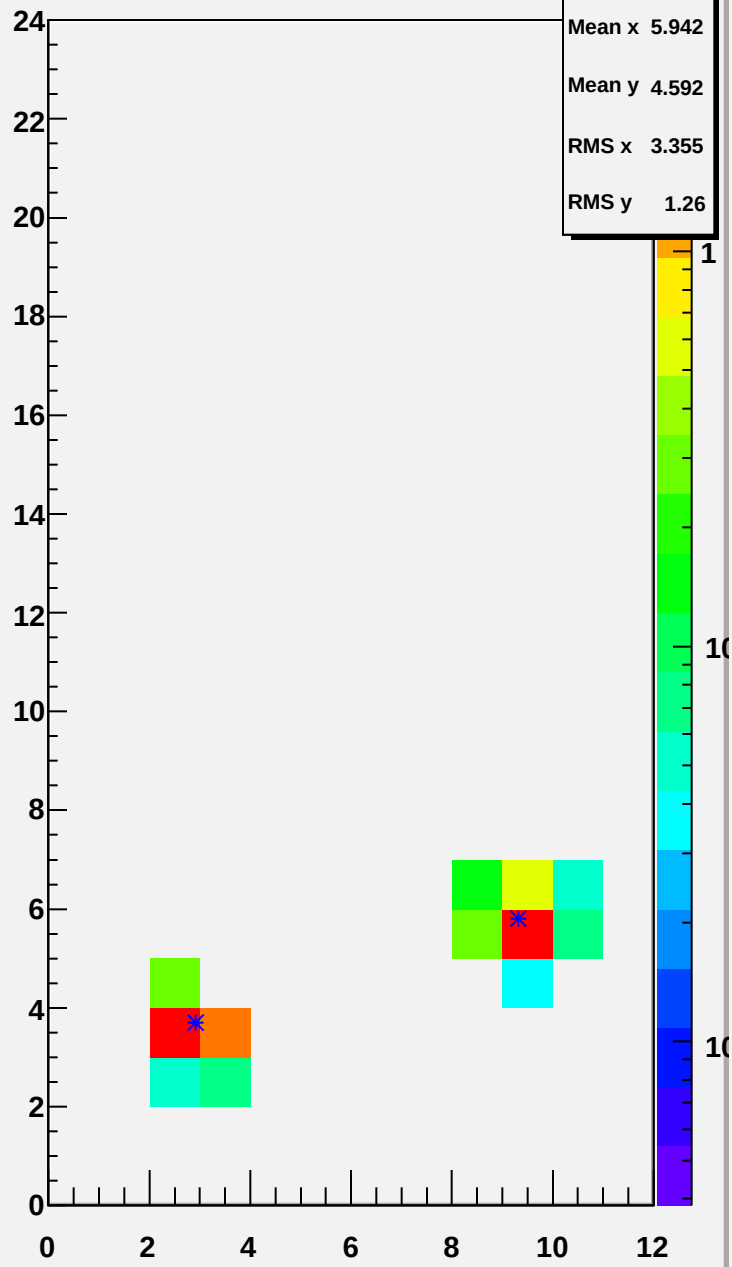
Efit

Entries	288
Mean x	1.945
Mean y	3.901
RMS x	0.8773
RMS y	1.118

NSTB3_r4_c3_En=10.7_m0=0.209 m1=0.209 index=1209



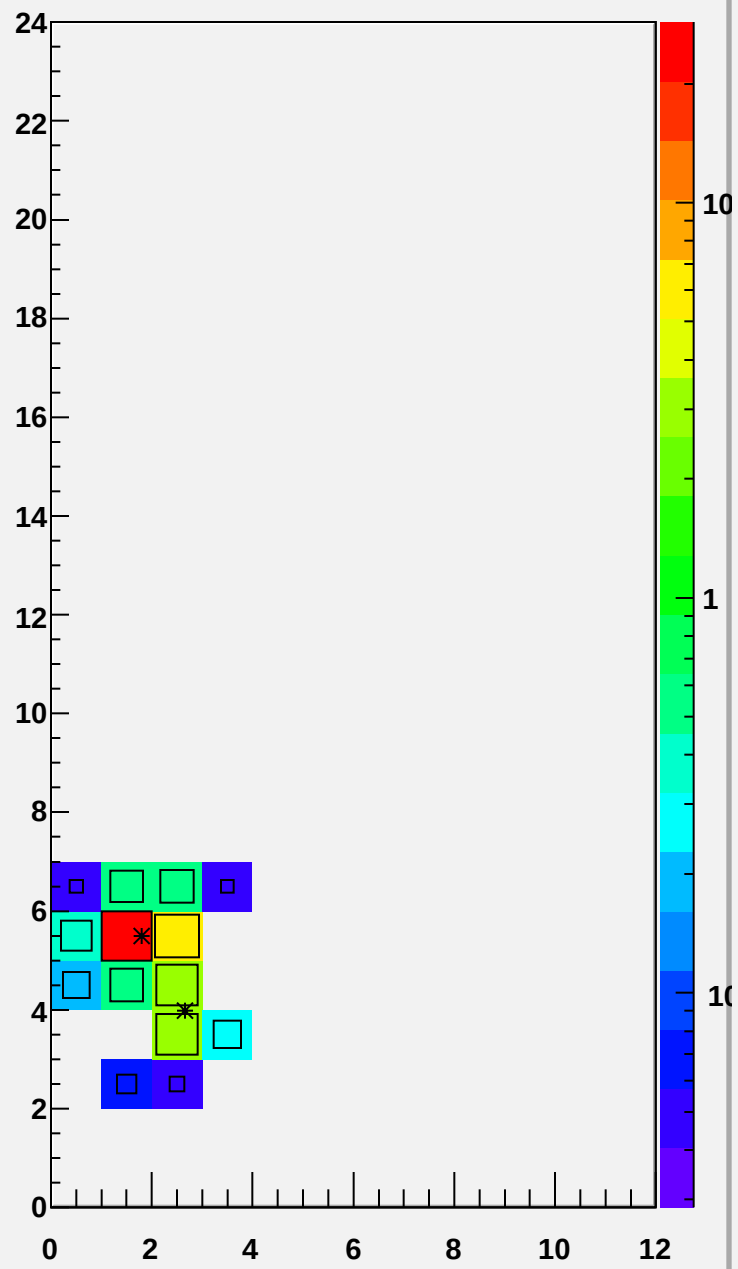
Fitted Energies



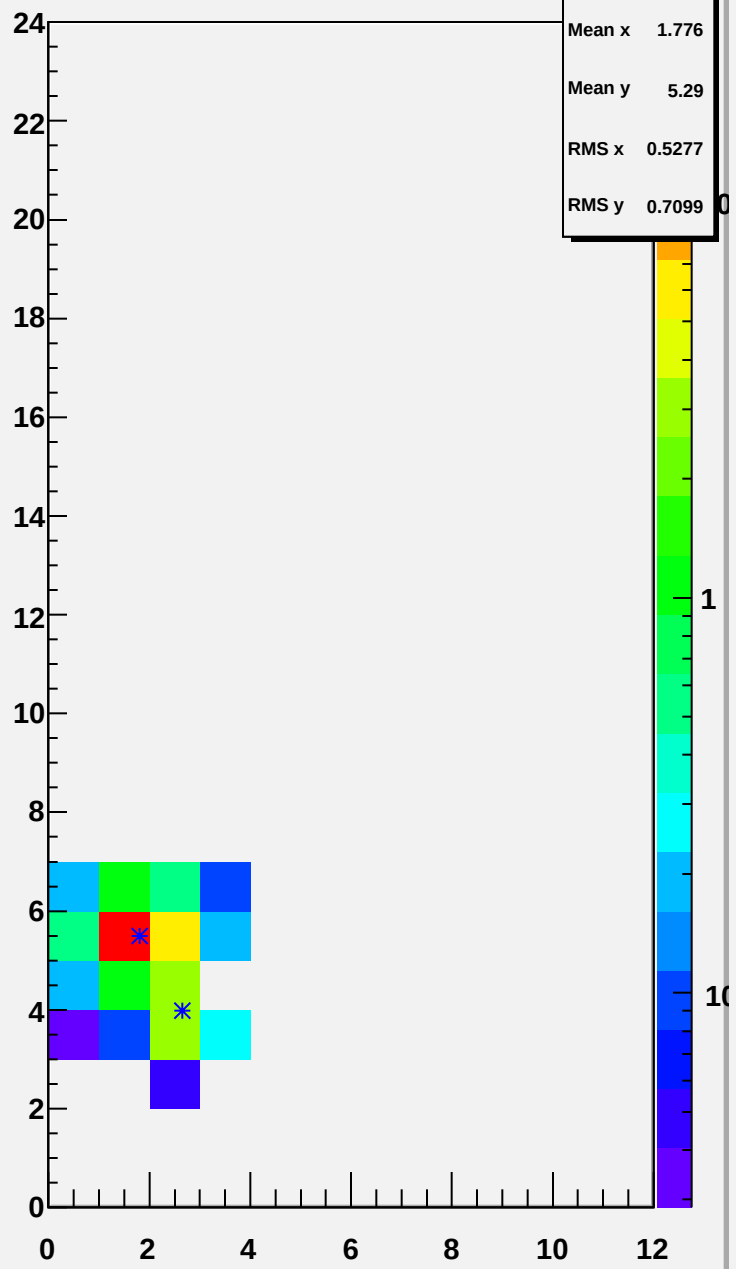
Efit

Entries 288
Mean x 5.942
Mean y 4.592
RMS x 3.355
RMS y 1.26

NSTB3_r4_c3_En=42.5_m0=0.148 m1=0.148 index=1210



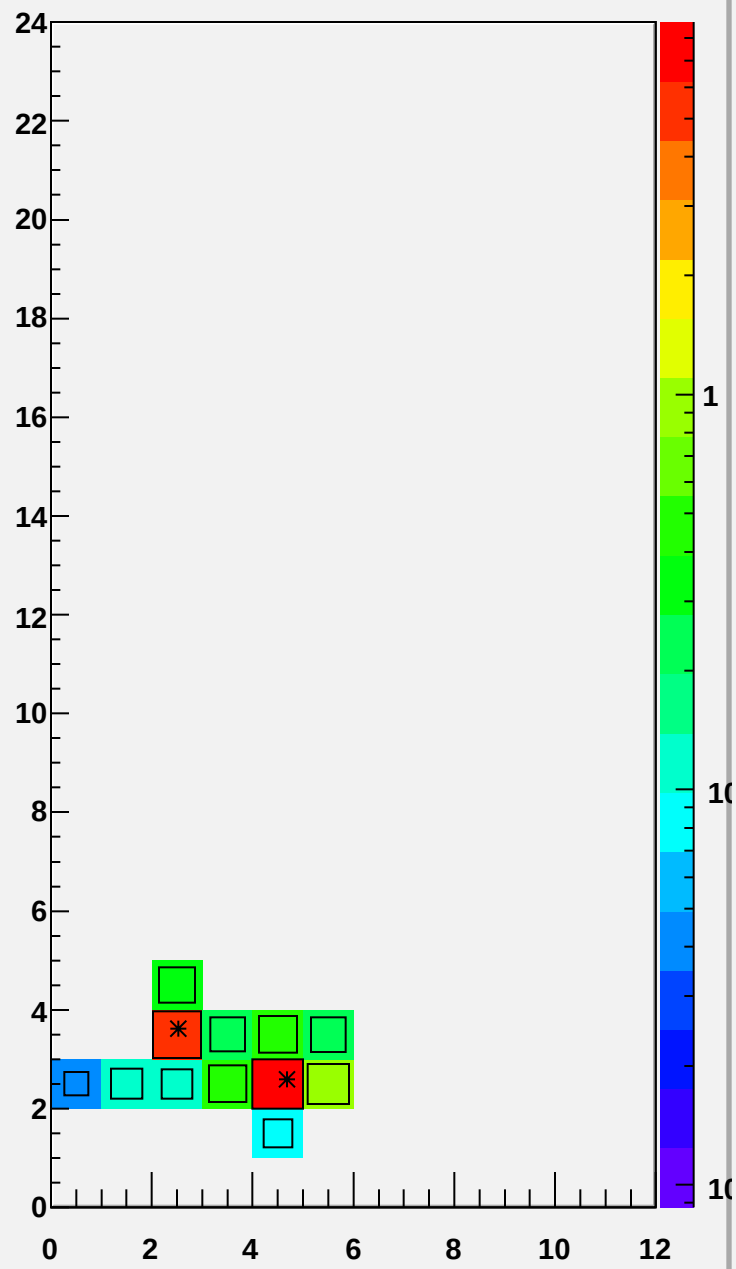
Fitted Energies



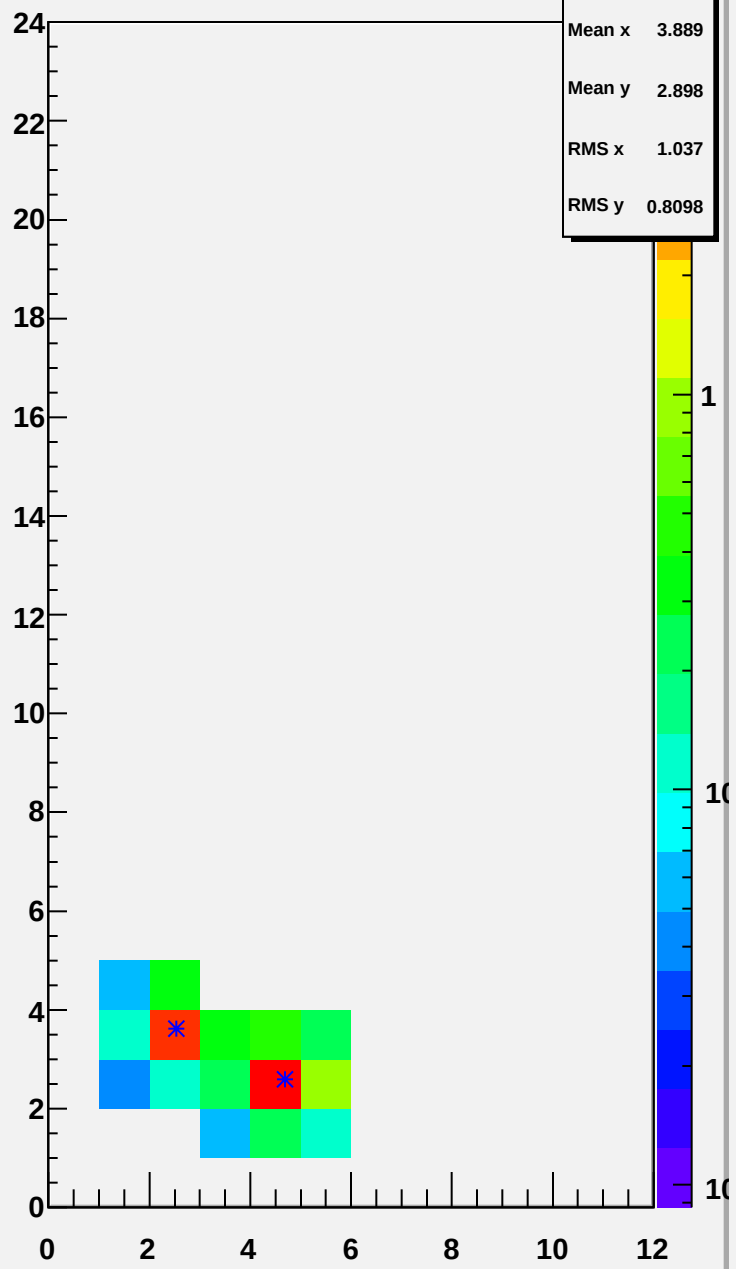
Efit

Entries	288
Mean x	1.776
Mean y	5.29
RMS x	0.5277
RMS y	0.7099

NSTB3_r4_c3_En=16.2_m0=0.103 m1=0.103 index=1211



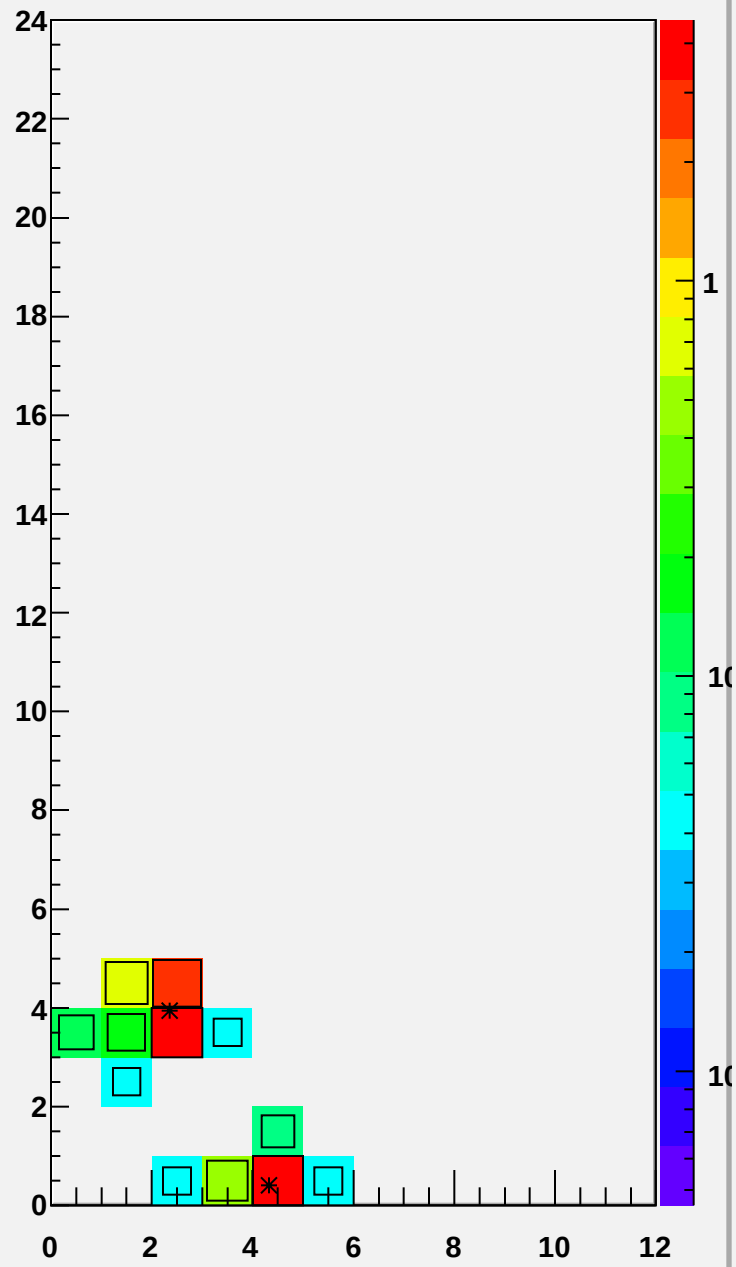
Fitted Energies



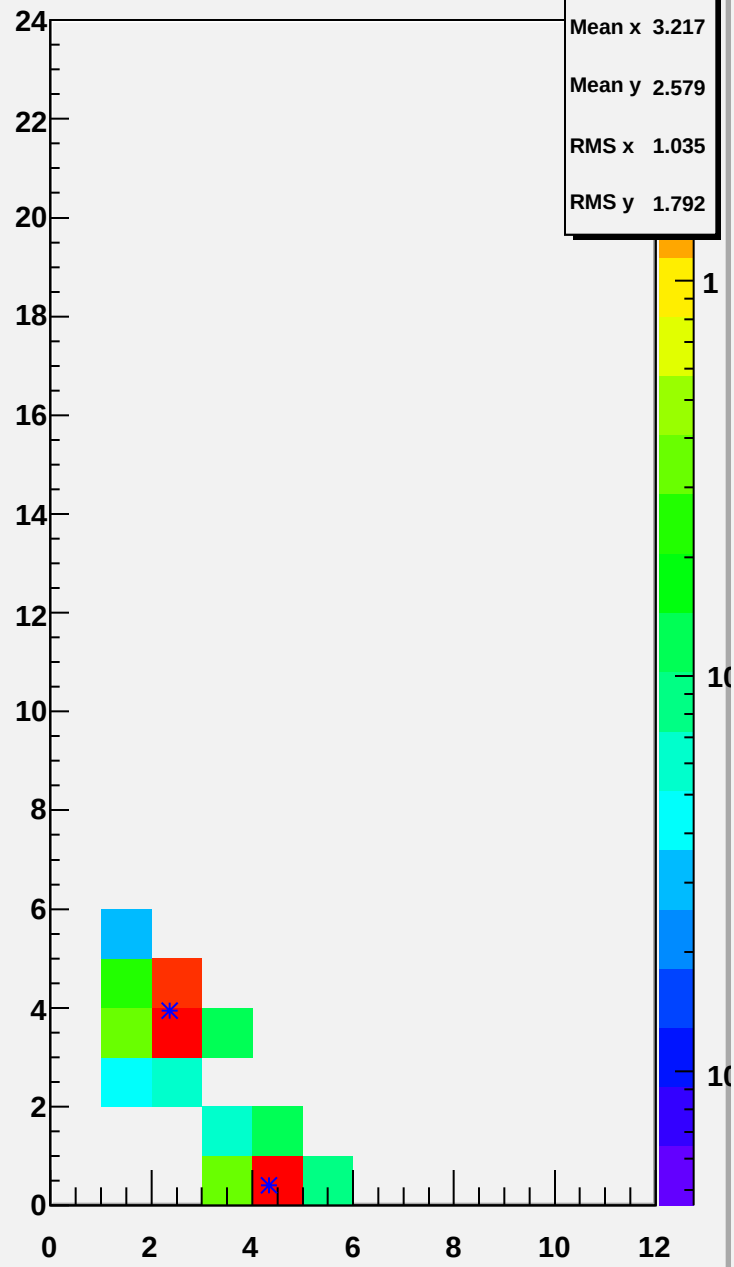
Efit

Entries	288
Mean x	3.889
Mean y	2.898
RMS x	1.037
RMS y	0.8098

NSTB3_r4_c3_En=12.9_m0=0.151 m1=0.151 index=1213



Fitted Energies



Efit

Entries 288

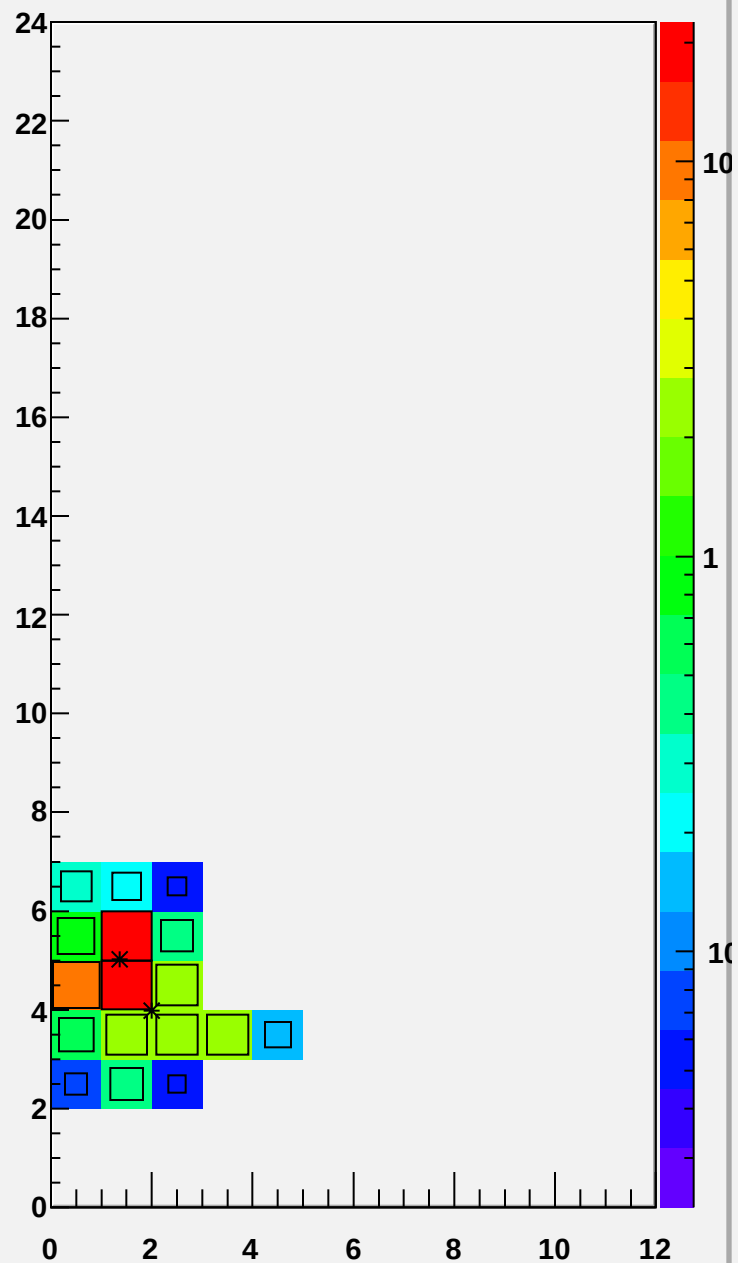
Mean x 3.217

Mean y 2.579

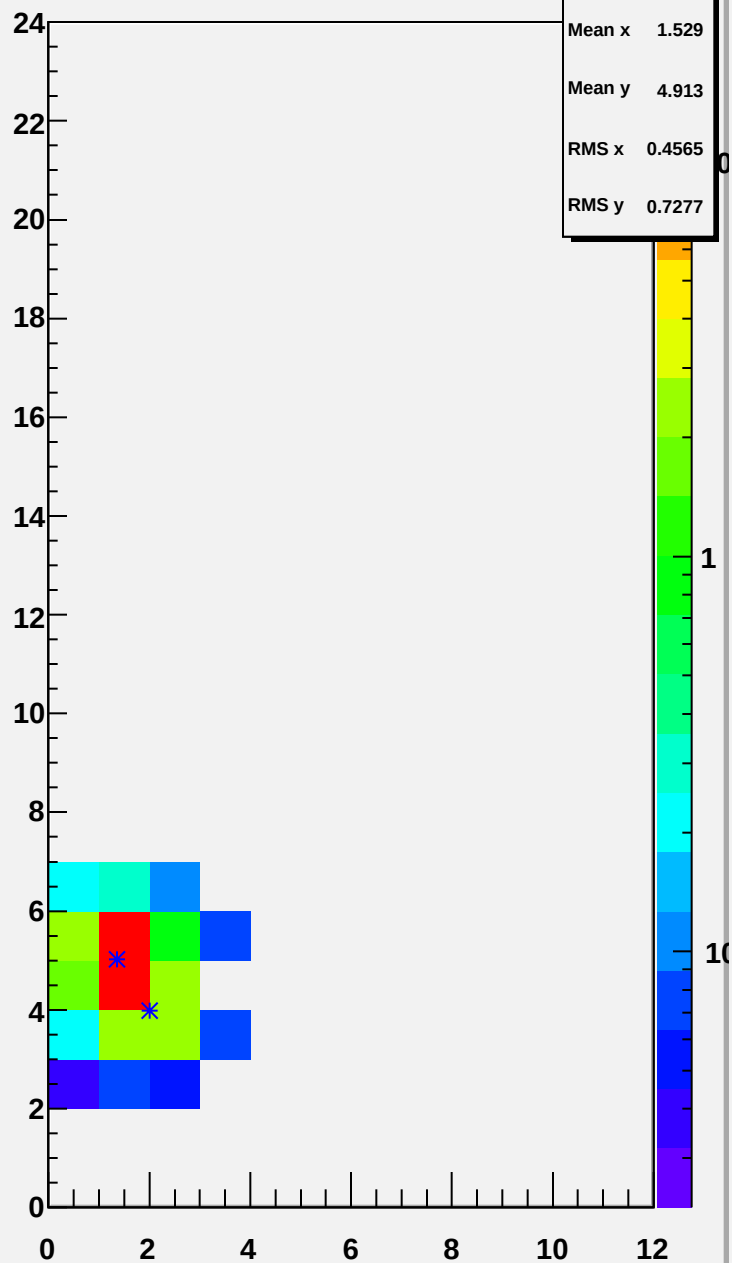
RMS x 1.035

RMS y 1.792

NSTB3_r4_c3_En=60.3_m0=0.126 m1=0.127 index=1214



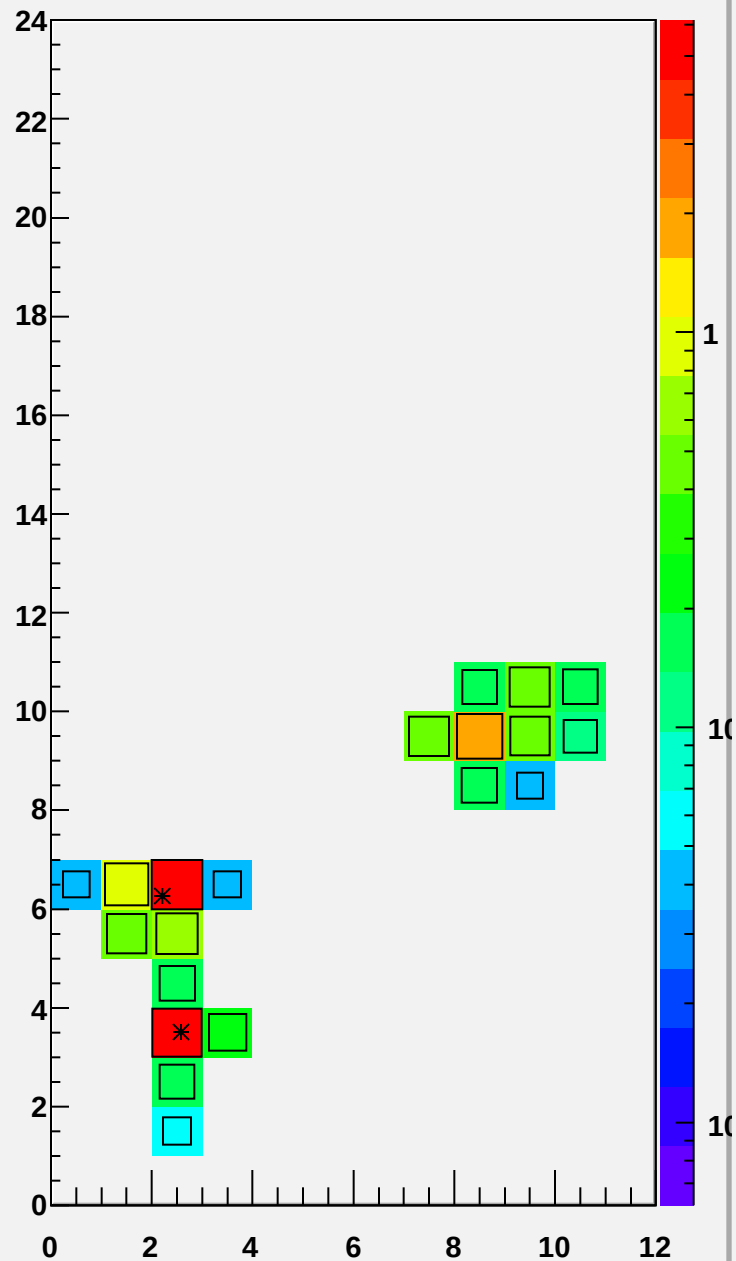
Fitted Energies



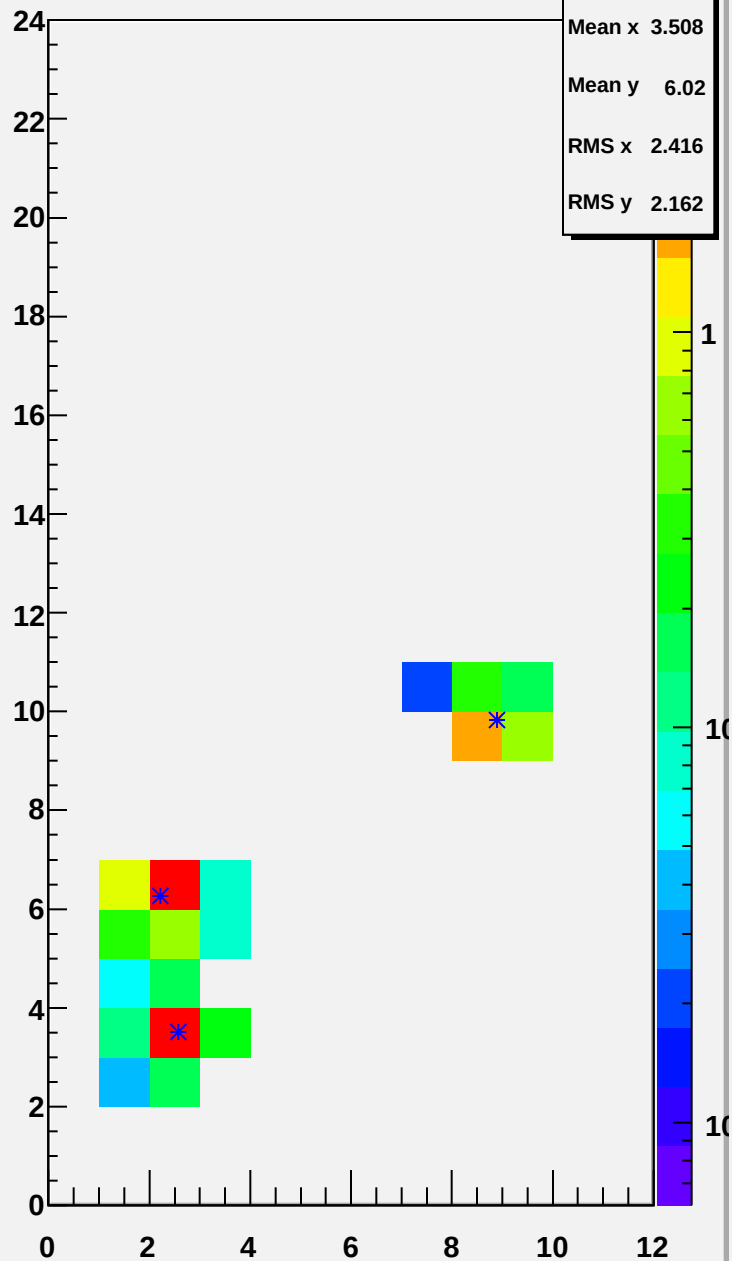
Efit

Entries	288
Mean x	1.529
Mean y	4.913
RMS x	0.4565
RMS y	0.7277

NSTB3_r4_c3_En=17.2_m0=0.106 m1=0.106 index=1216



Fitted Energies



Efit

Entries 288

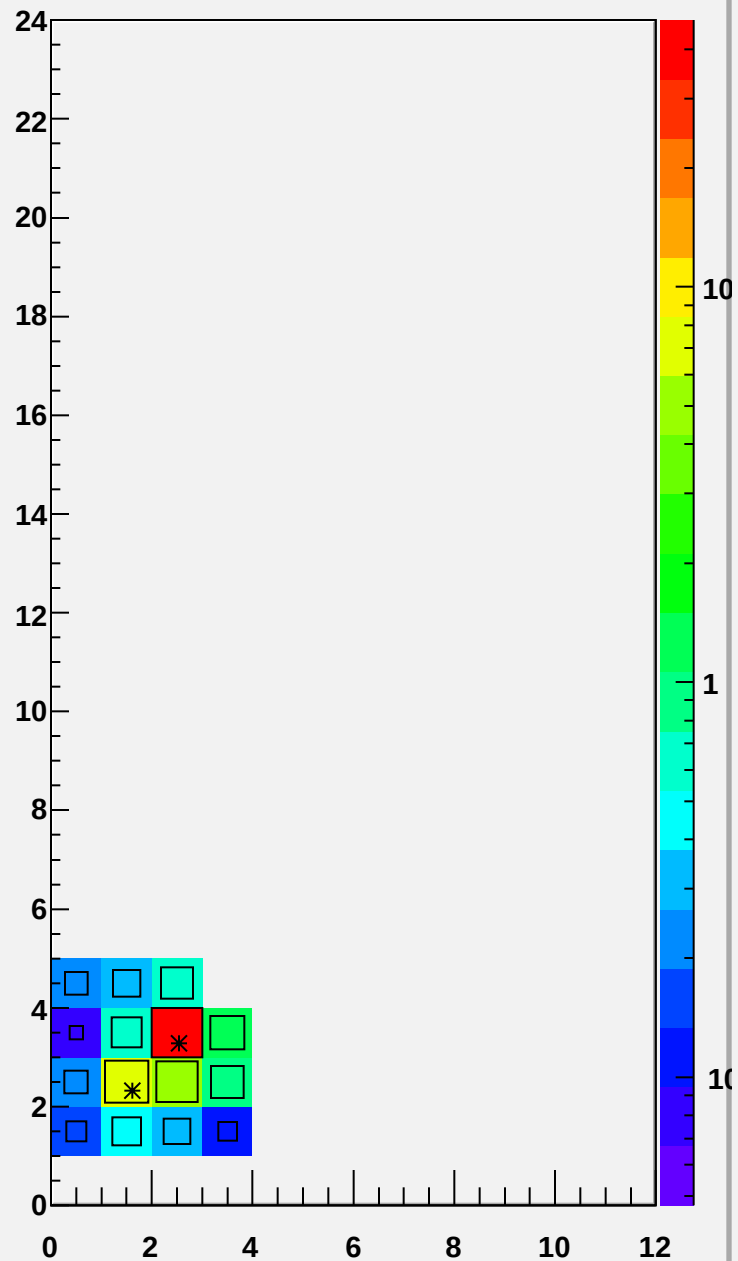
Mean x 3.508

Mean y 6.02

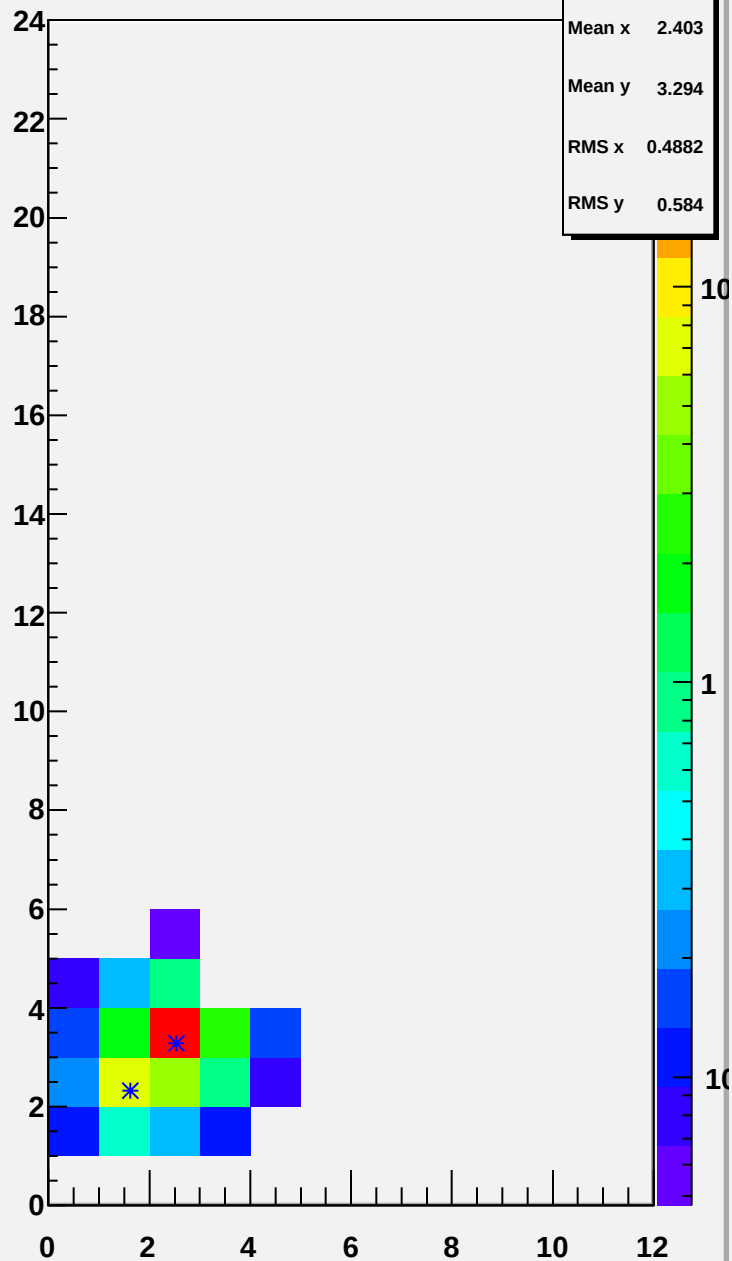
RMS x 2.416

RMS y 2.162

NSTB3_r4_c3_En=64.6_m0=0.148 m1=0.148 index=1217



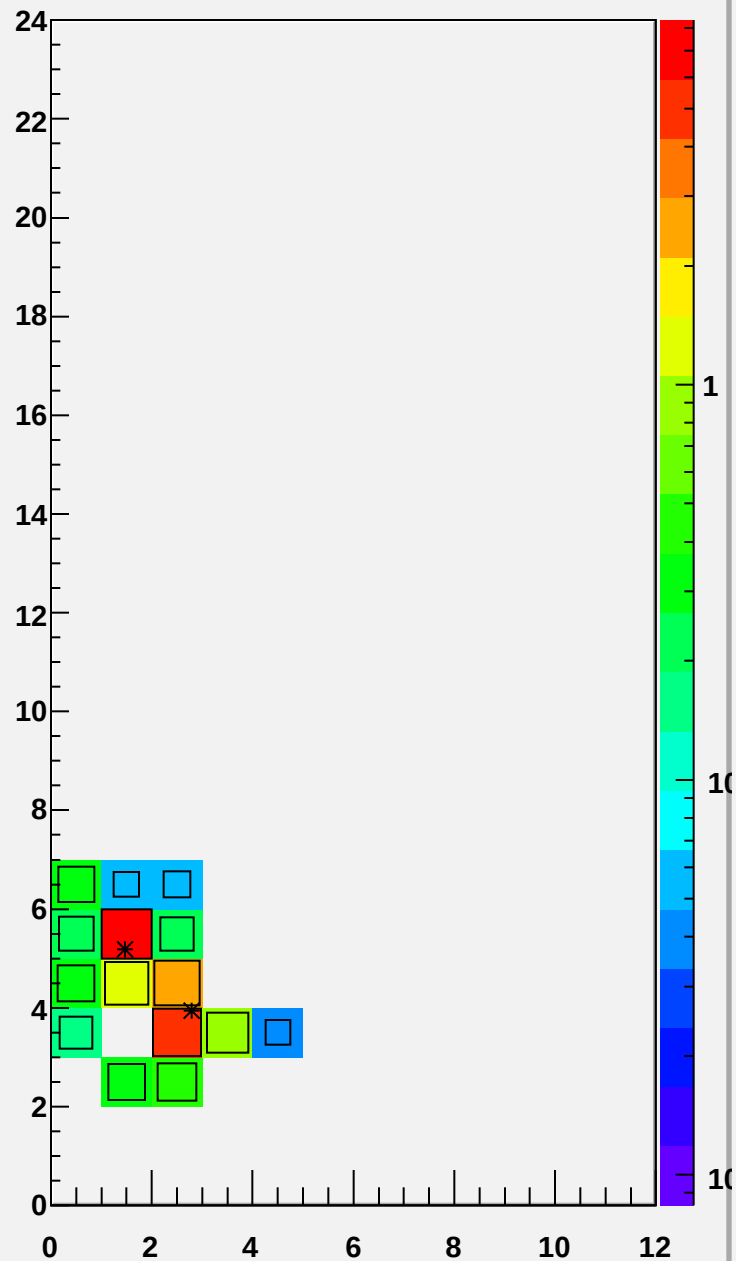
Fitted Energies



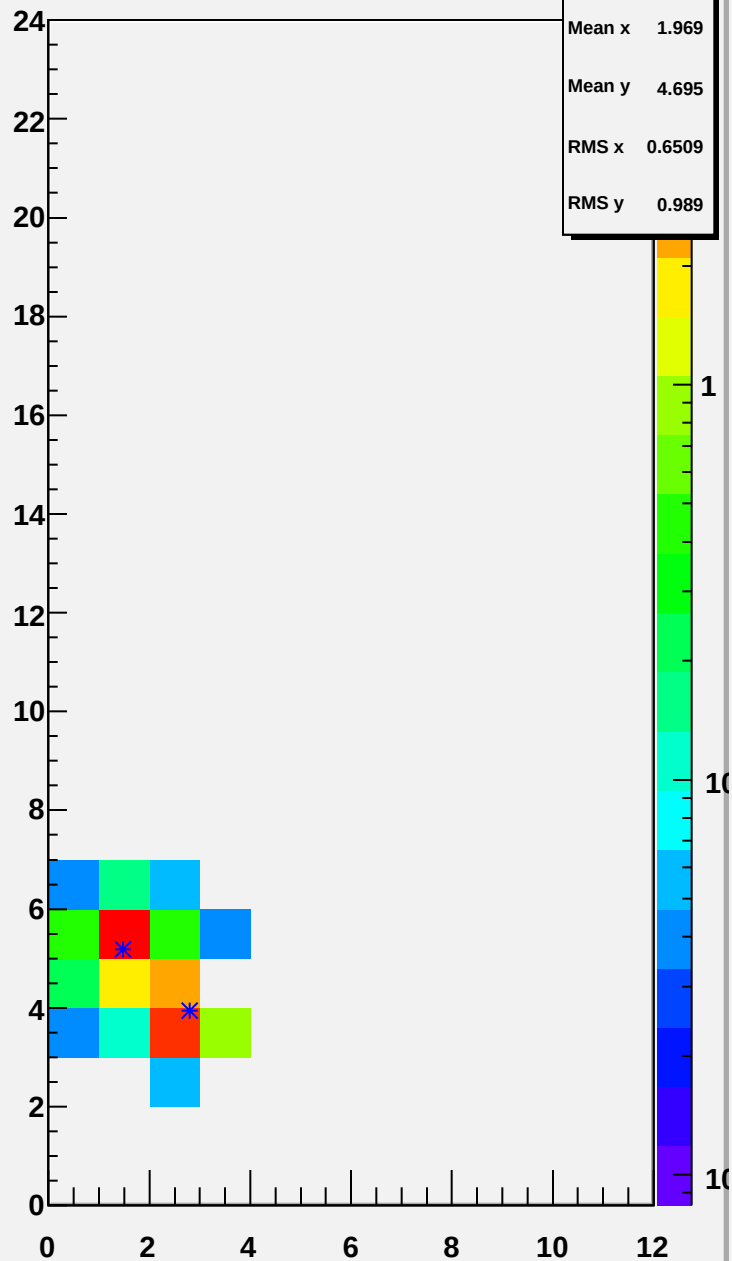
Efit

Entries	288
Mean x	2.403
Mean y	3.294
RMS x	0.4882
RMS y	0.584

NSTB3_r4_c3_En=20.2_m0=0.104 m1=0.104 index=1218



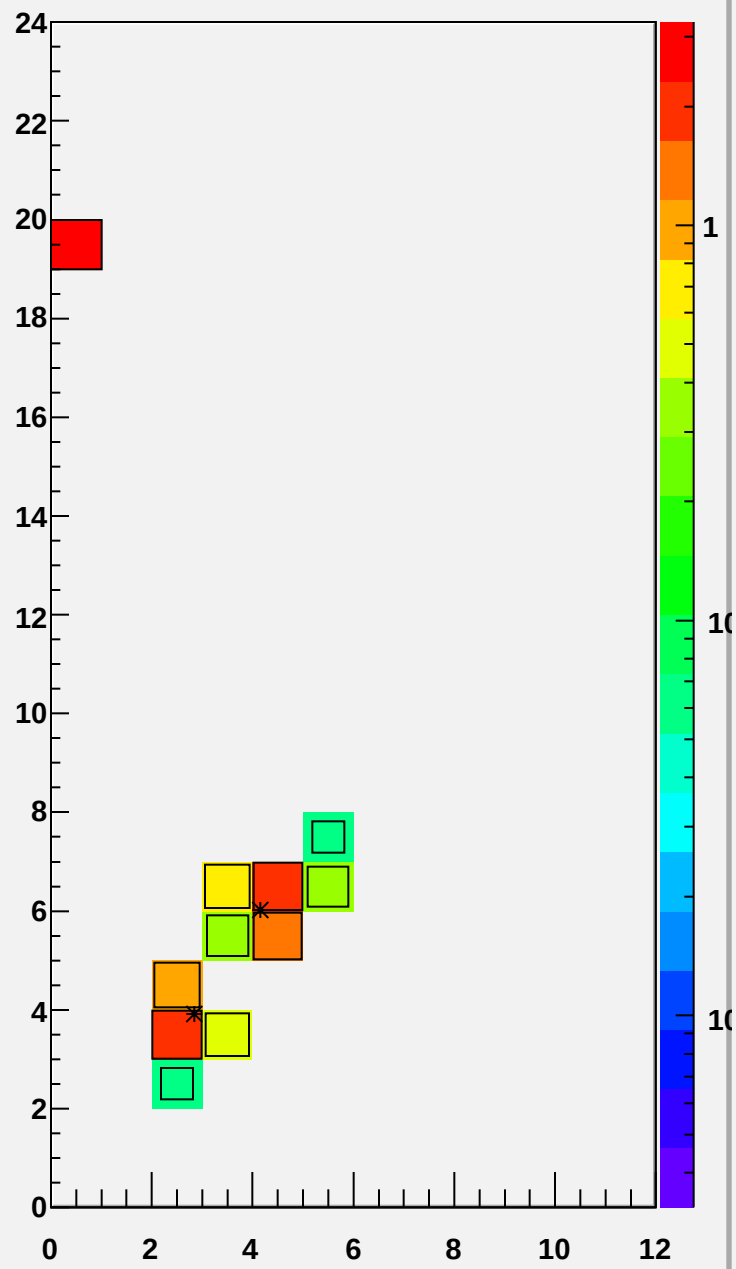
Fitted Energies



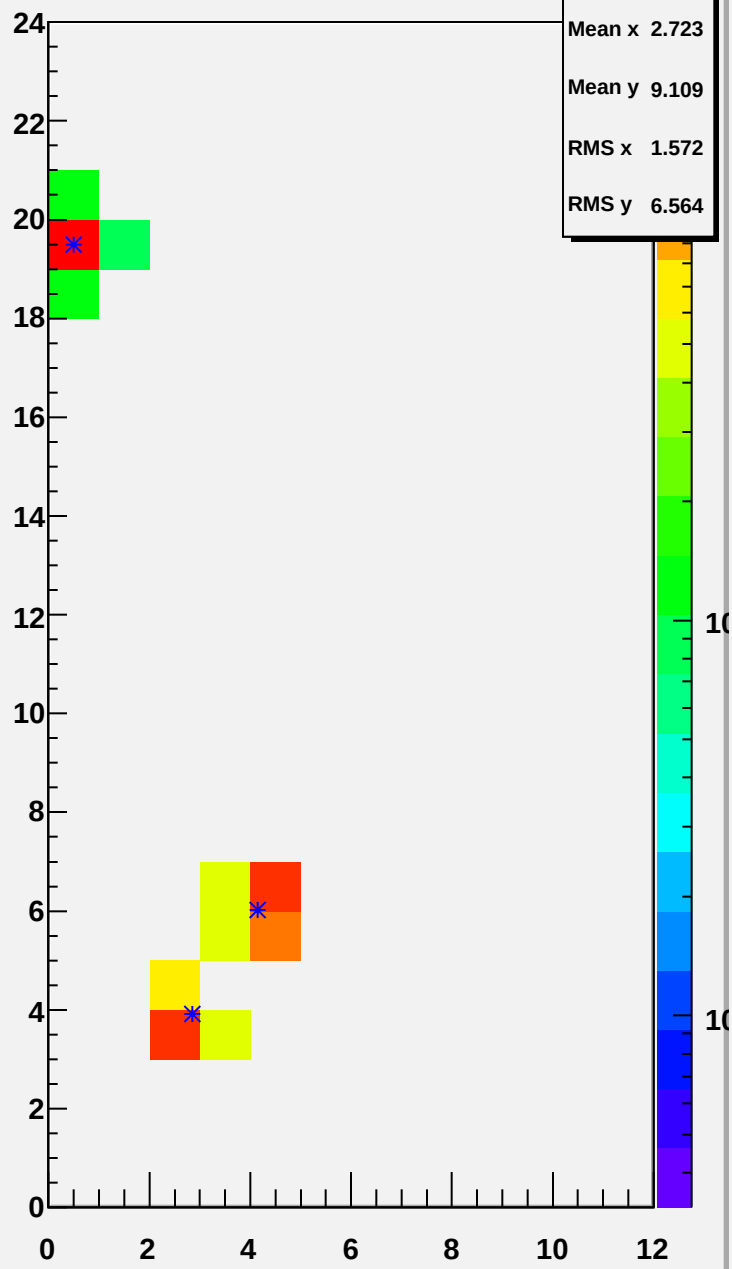
Efit

Entries	288
Mean x	1.969
Mean y	4.695
RMS x	0.6509
RMS y	0.989

NSTB3_r4_c3_En=12.1_m0=0.062 m1=0.062 index=1221



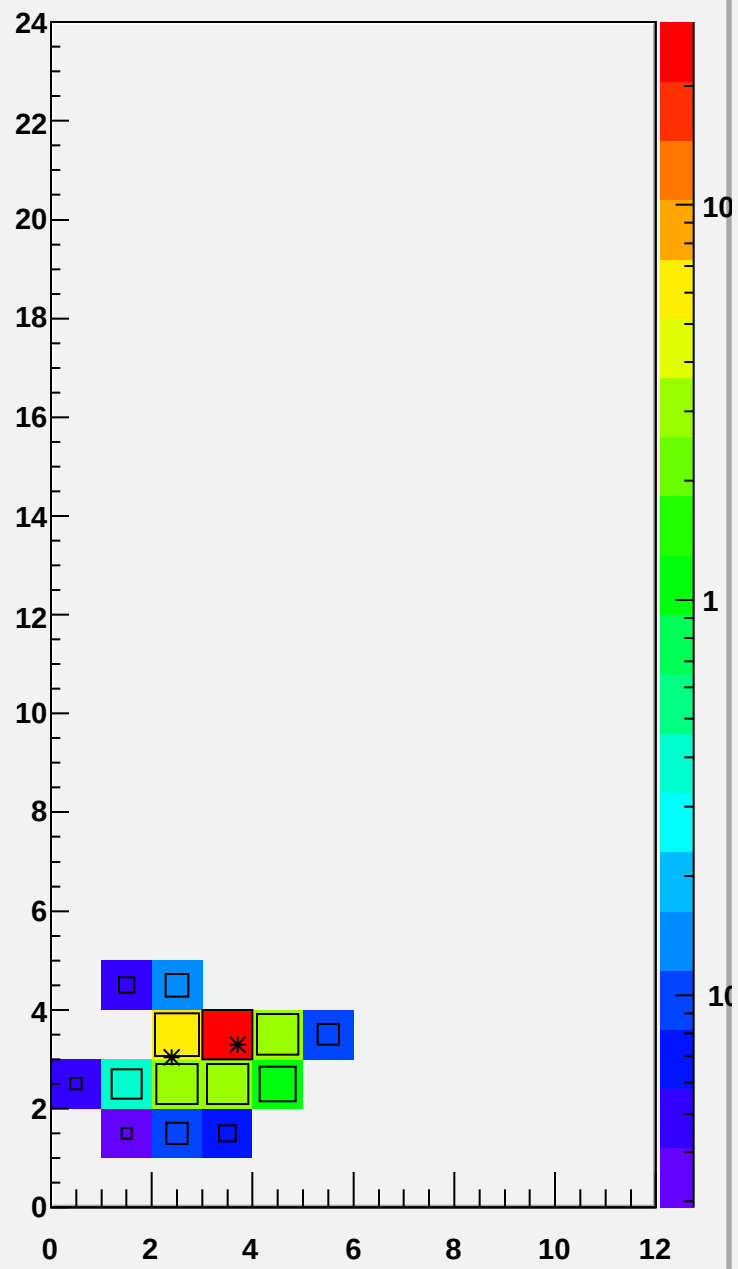
Fitted Energies



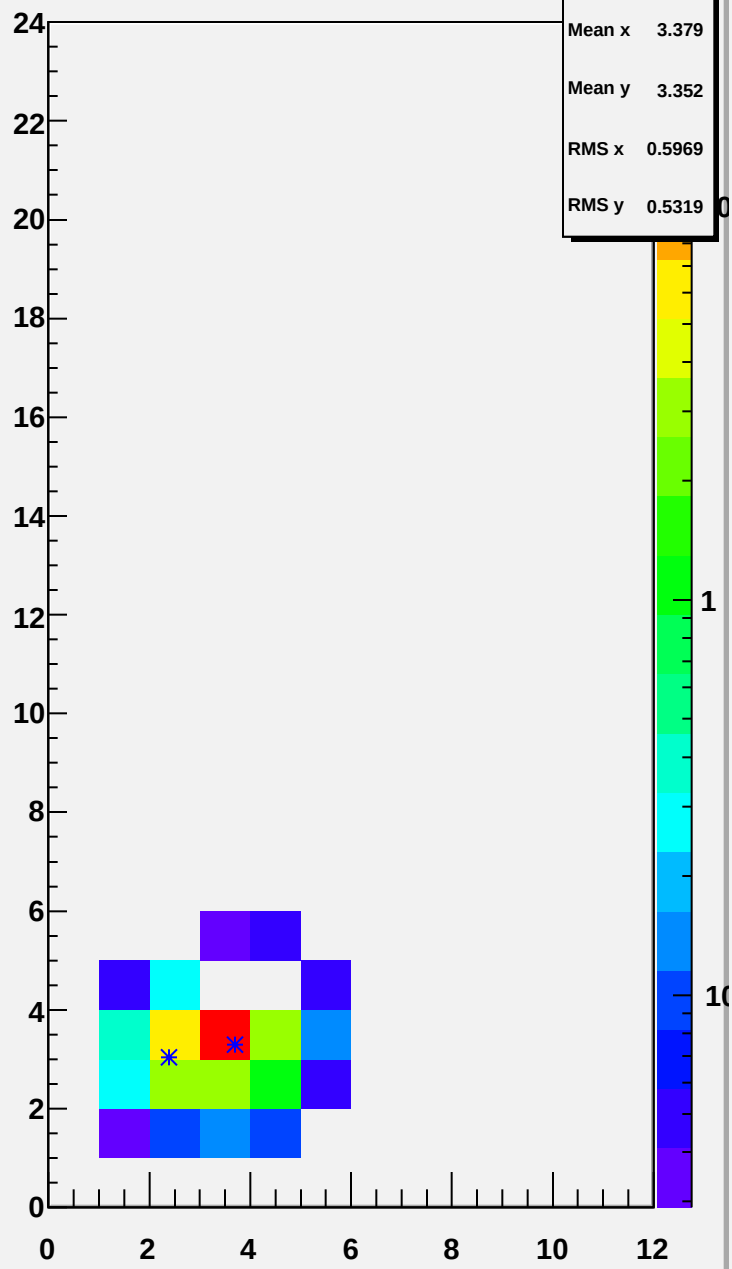
Efit

Entries 288
Mean x 2.723
Mean y 9.109
RMS x 1.572
RMS y 6.564

NSTB3_r4_c3_En=44.9_m0=0.129 m1=0.130 index=1222



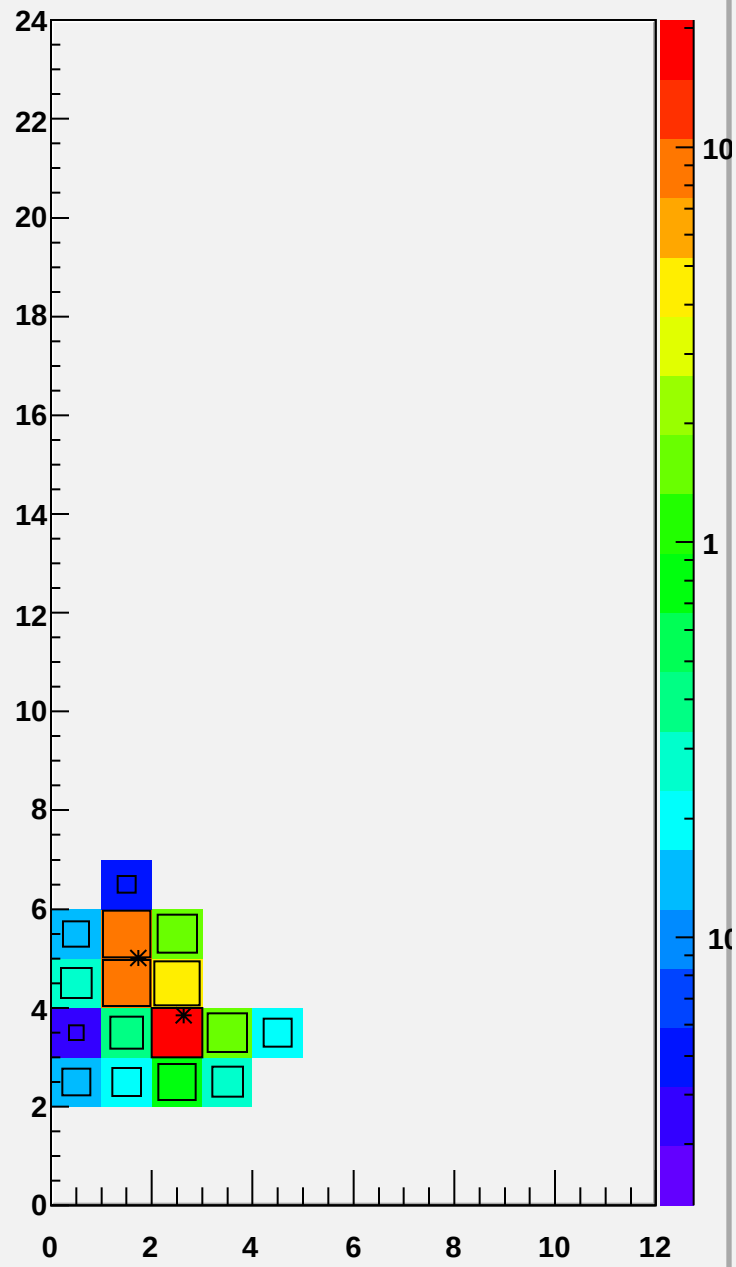
Fitted Energies



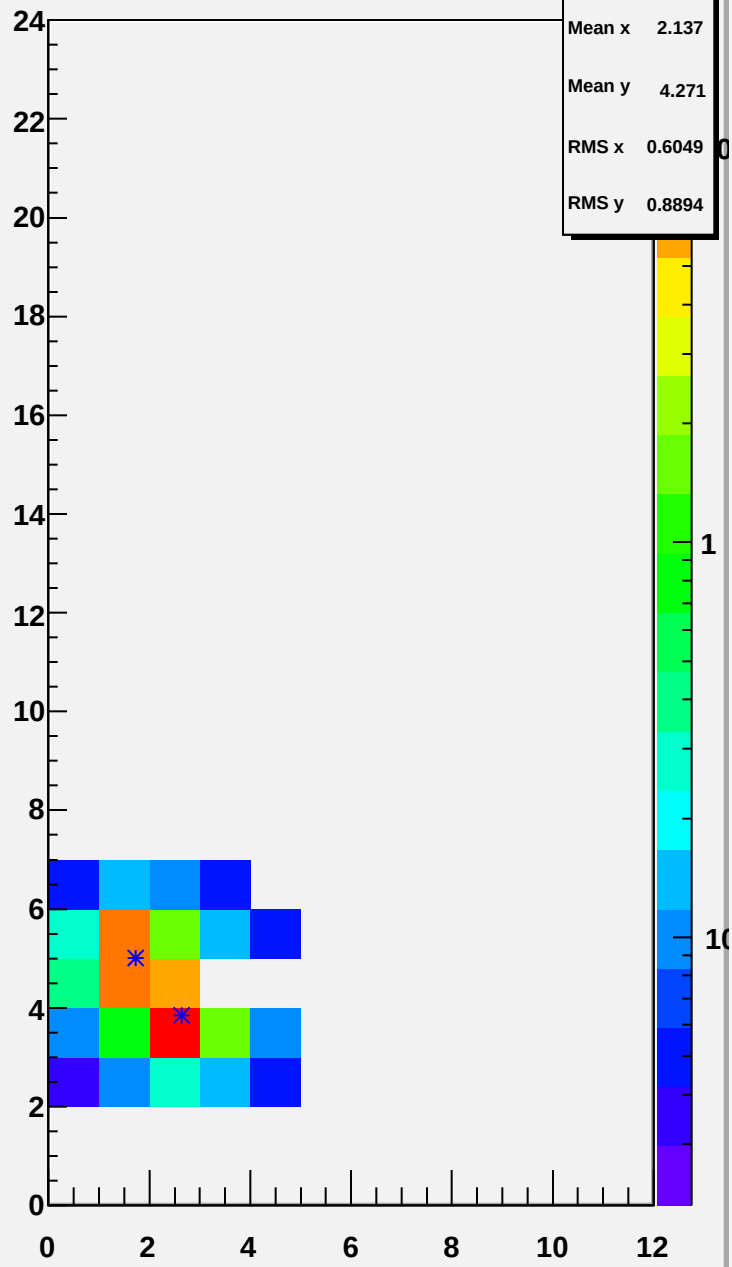
Efit

Entries	288
Mean x	3.379
Mean y	3.352
RMS x	0.5969
RMS y	0.5319

NSTB3_r4_c3_En=49.8_m0=0.212 m1=0.212 index=1224



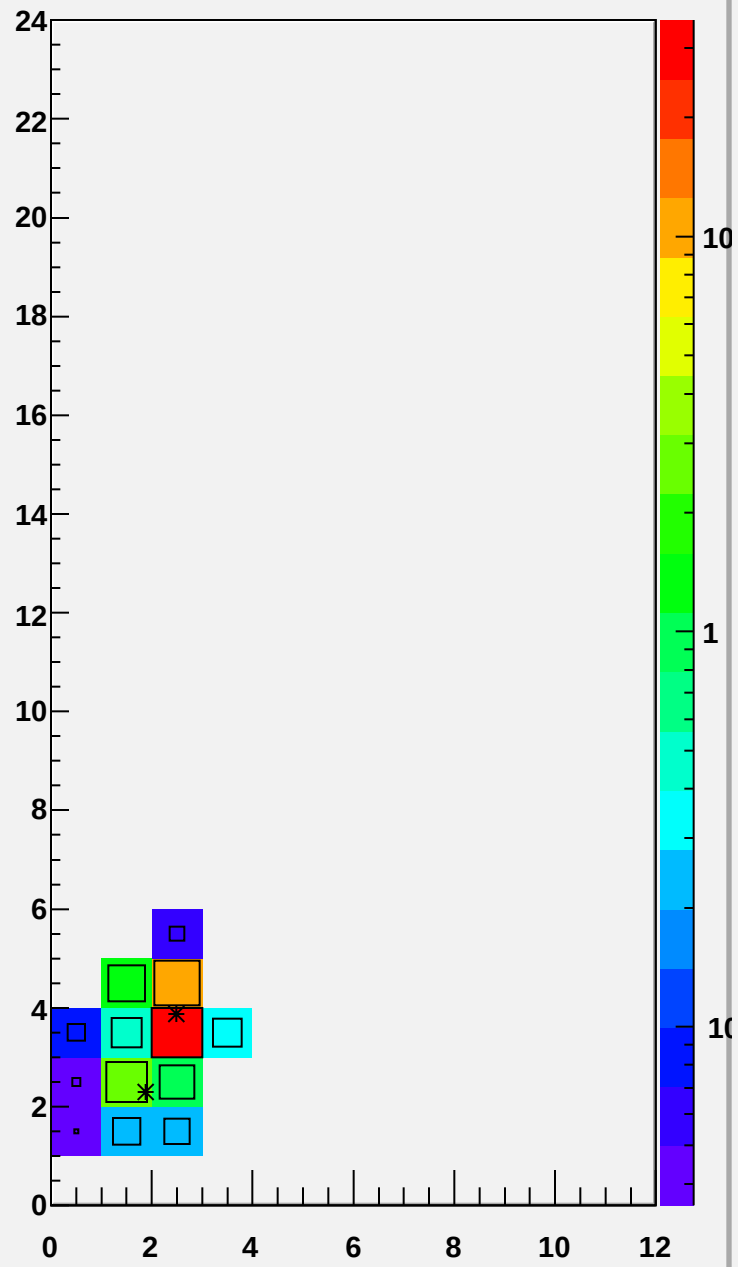
Fitted Energies



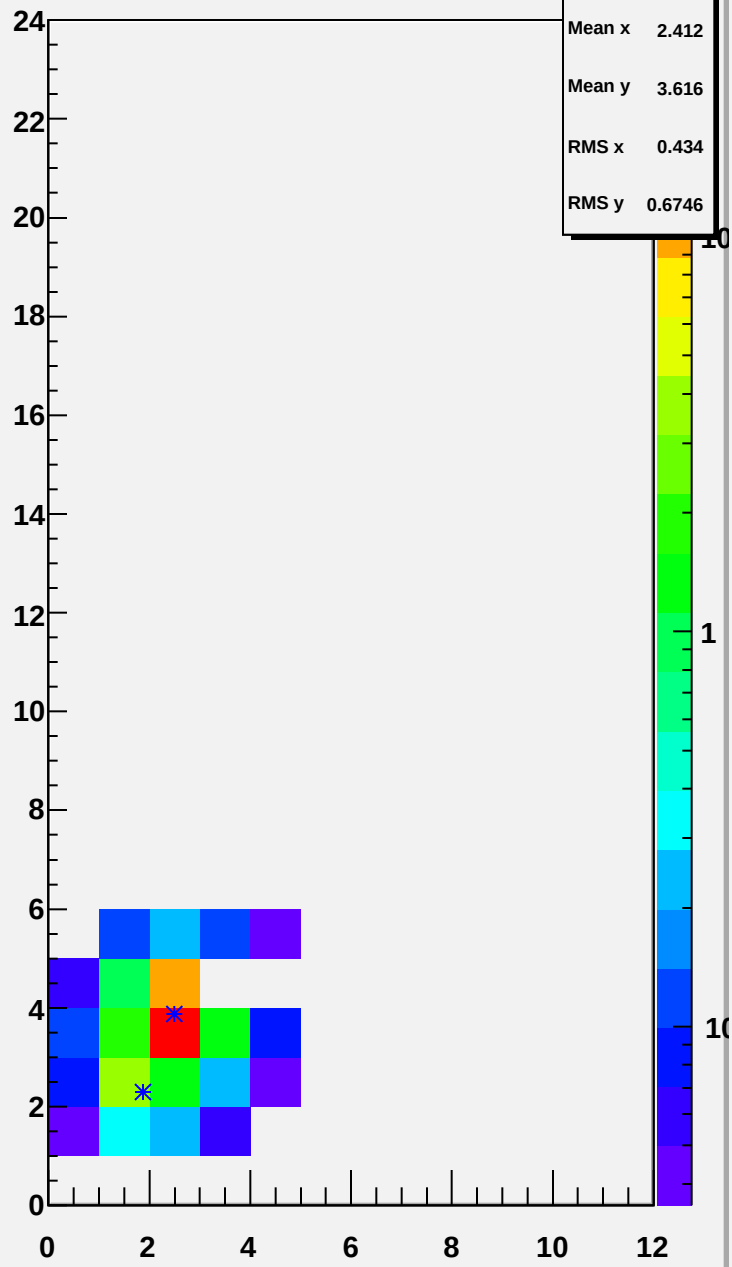
Efit

Entries	288
Mean x	2.137
Mean y	4.271
RMS x	0.6049
RMS y	0.8894

NSTB3_r4_c3_En=52.4_m0=0.144 m1=0.144 index=1225



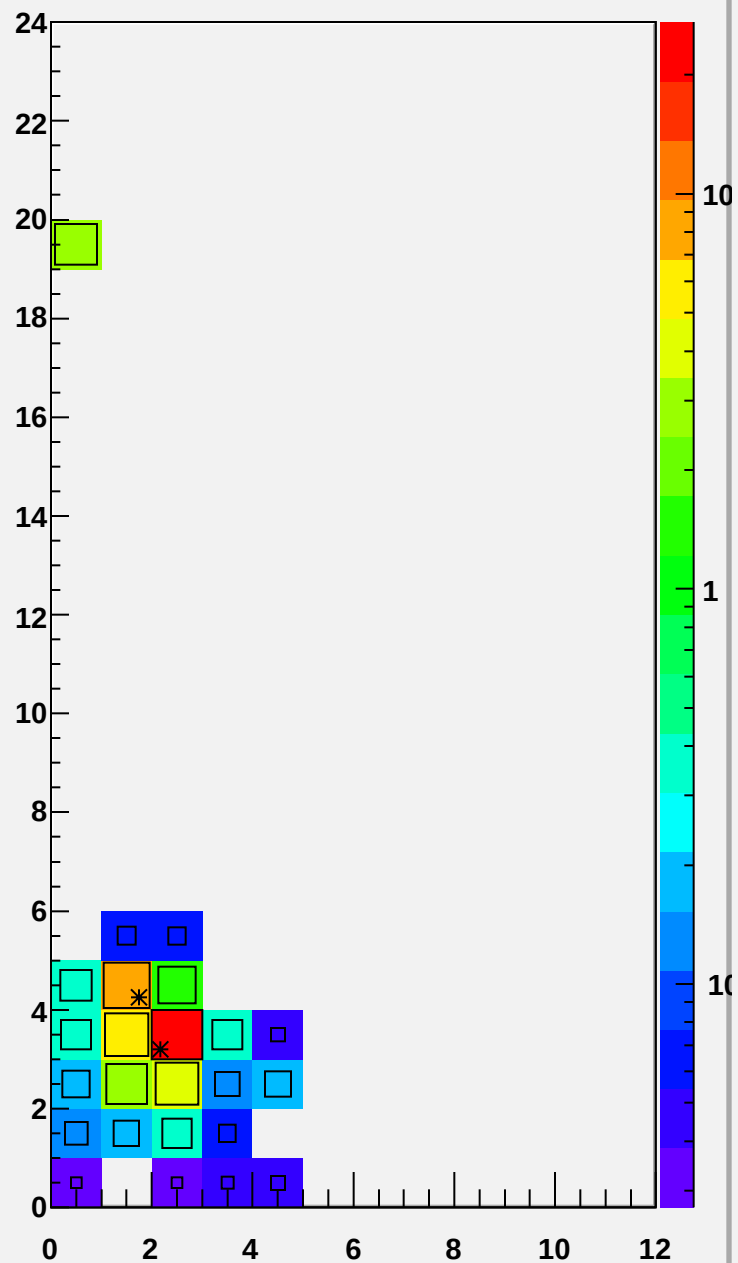
Fitted Energies



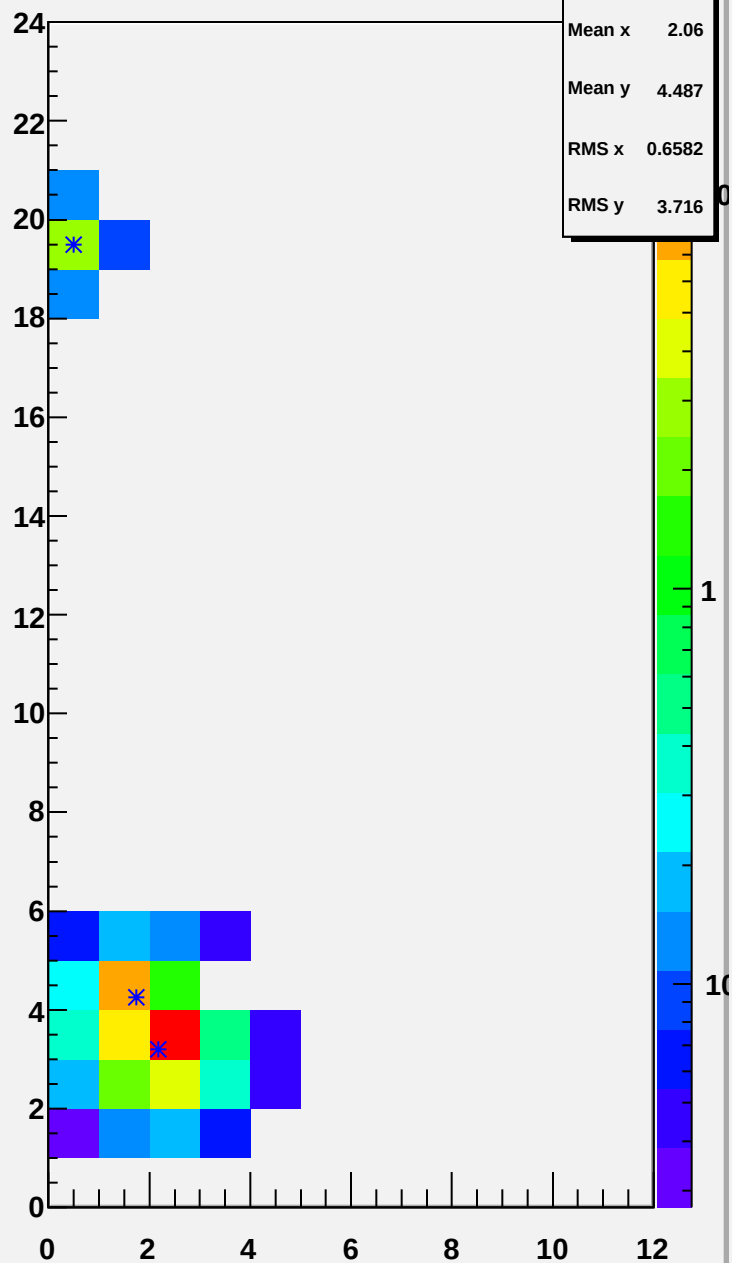
Efit

Entries	288
Mean x	2.412
Mean y	3.616
RMS x	0.434
RMS y	0.6746

NSTB3_r4_c3_En=55.0_m0=0.141 m1=0.141 index=1227



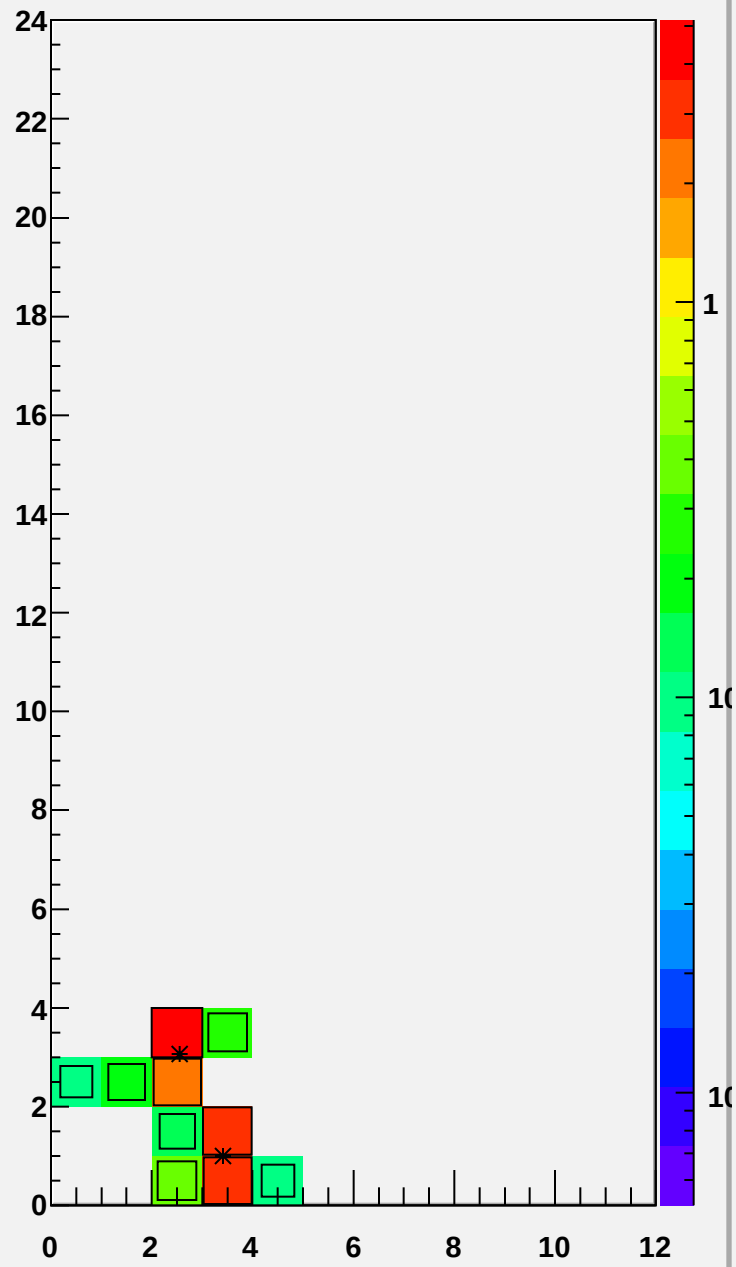
Fitted Energies



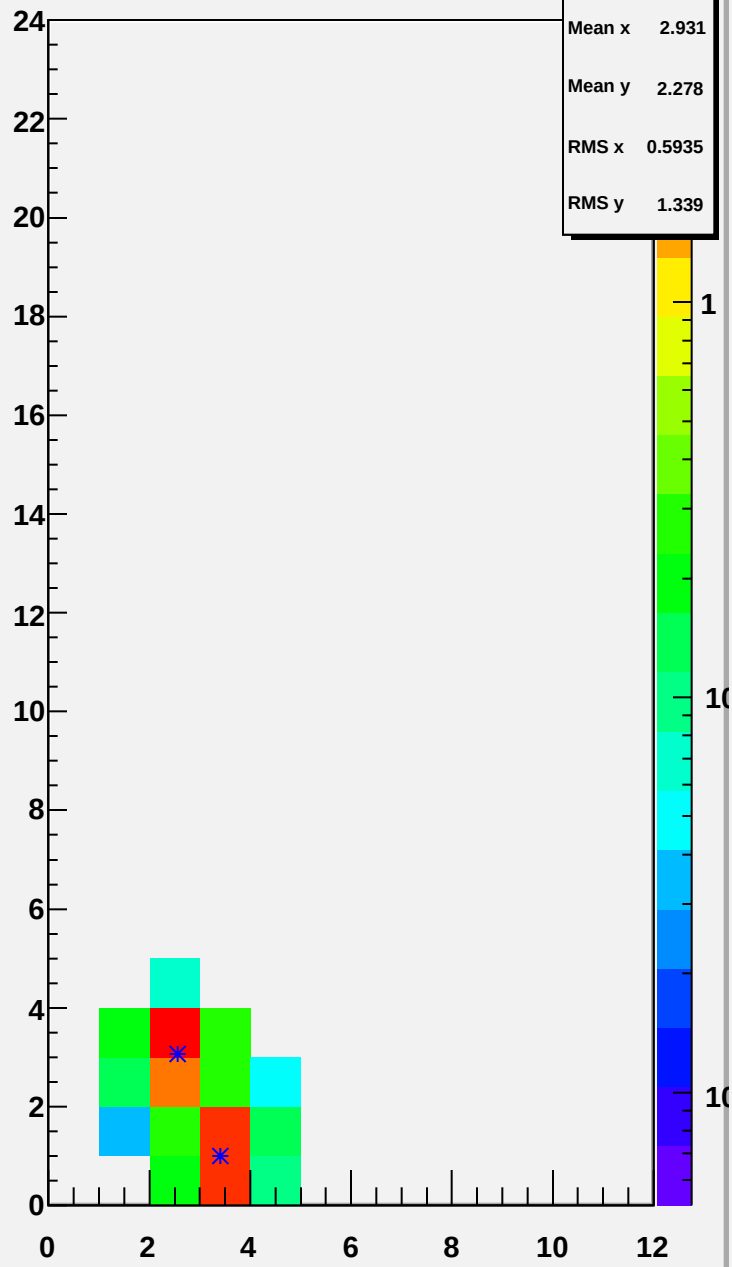
Efit

Entries	288
Mean x	2.06
Mean y	4.487
RMS x	0.6582
RMS y	3.716

NSTB3_r4_c3_En=14.3_m0=0.095 m1=0.095 index=1228



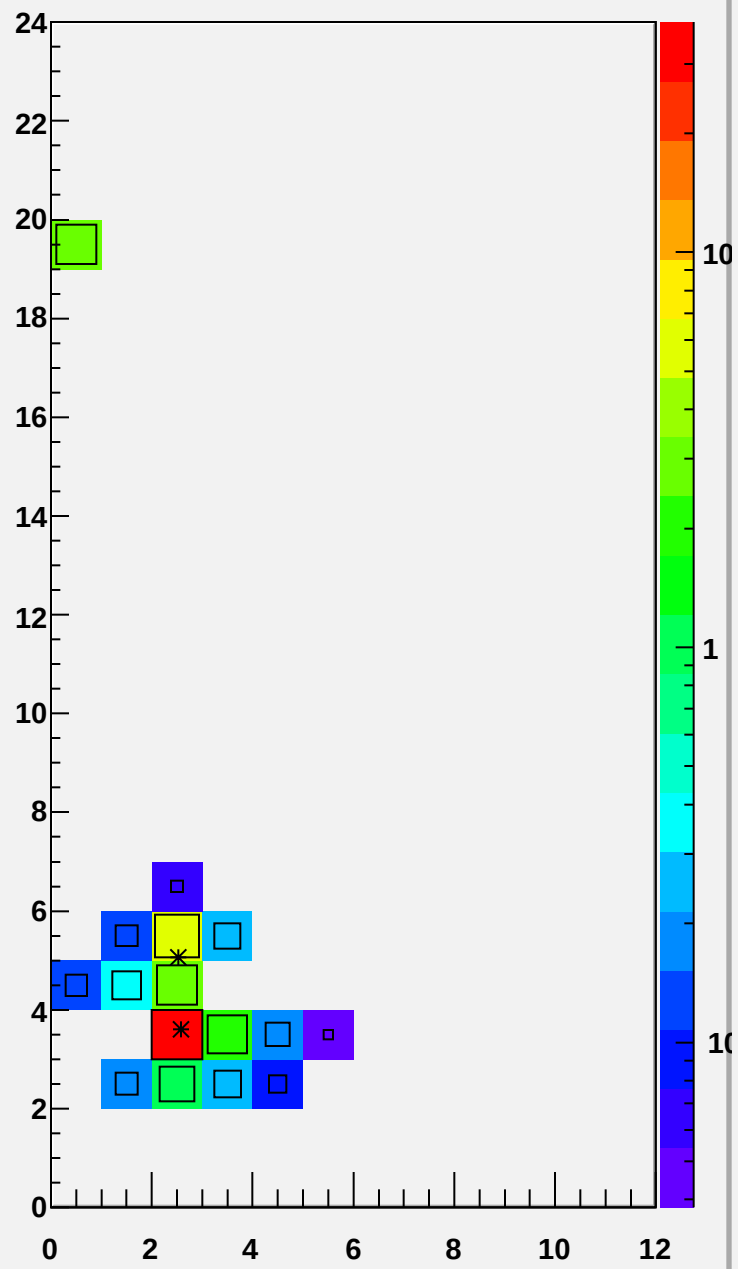
Fitted Energies



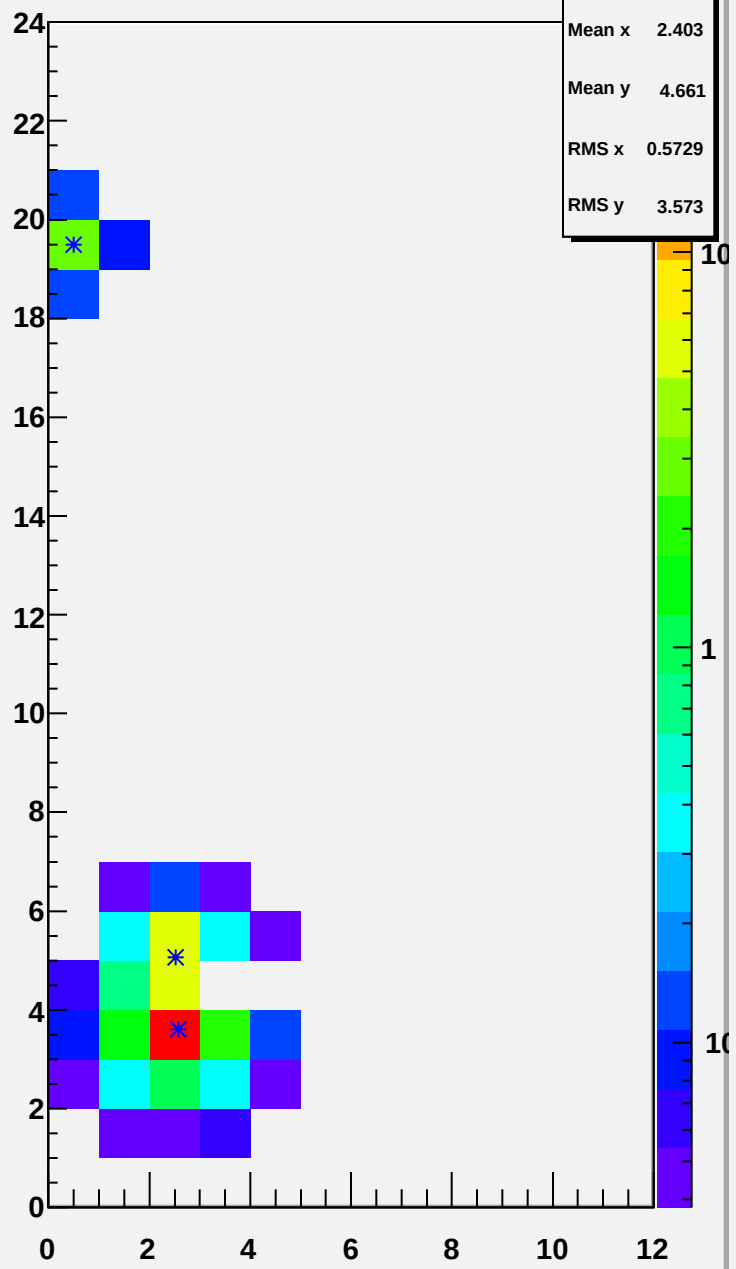
Efit

Entries	288
Mean x	2.931
Mean y	2.278
RMS x	0.5935
RMS y	1.339

NSTB3_r4_c3_En=56.1_m0=0.183 m1=0.183 index=1230



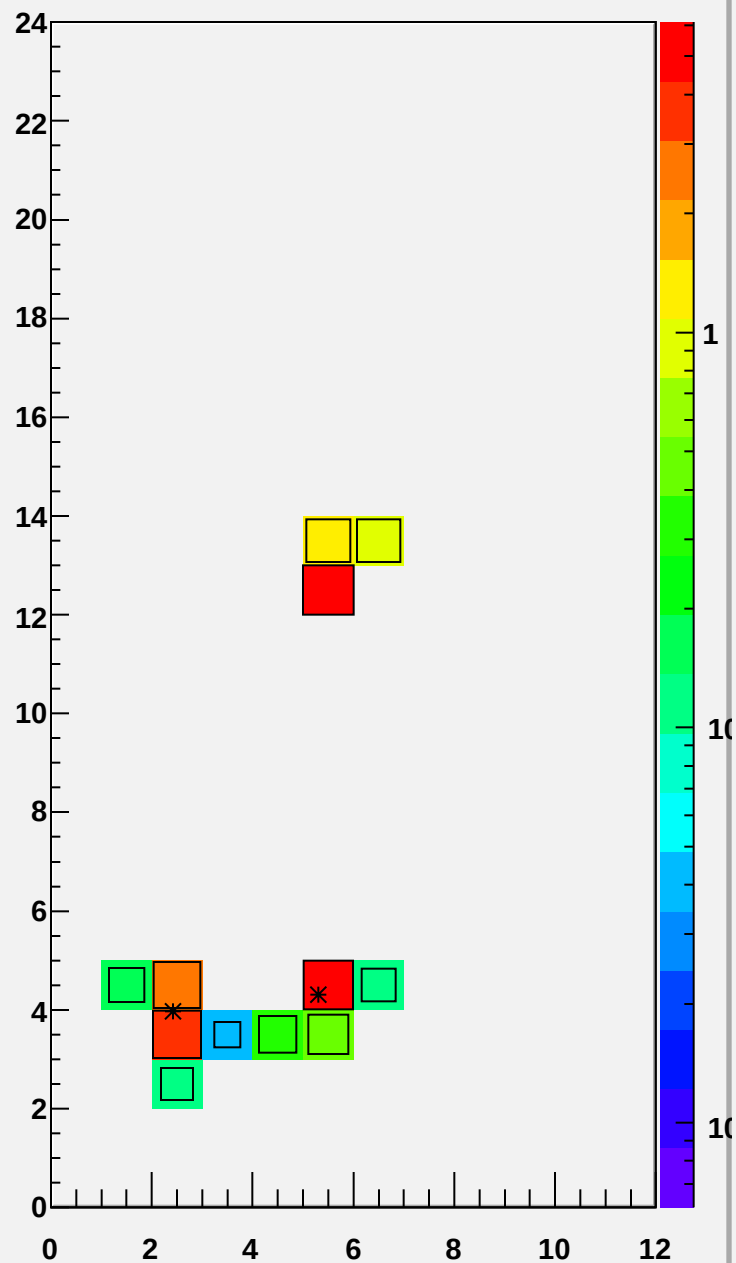
Fitted Energies



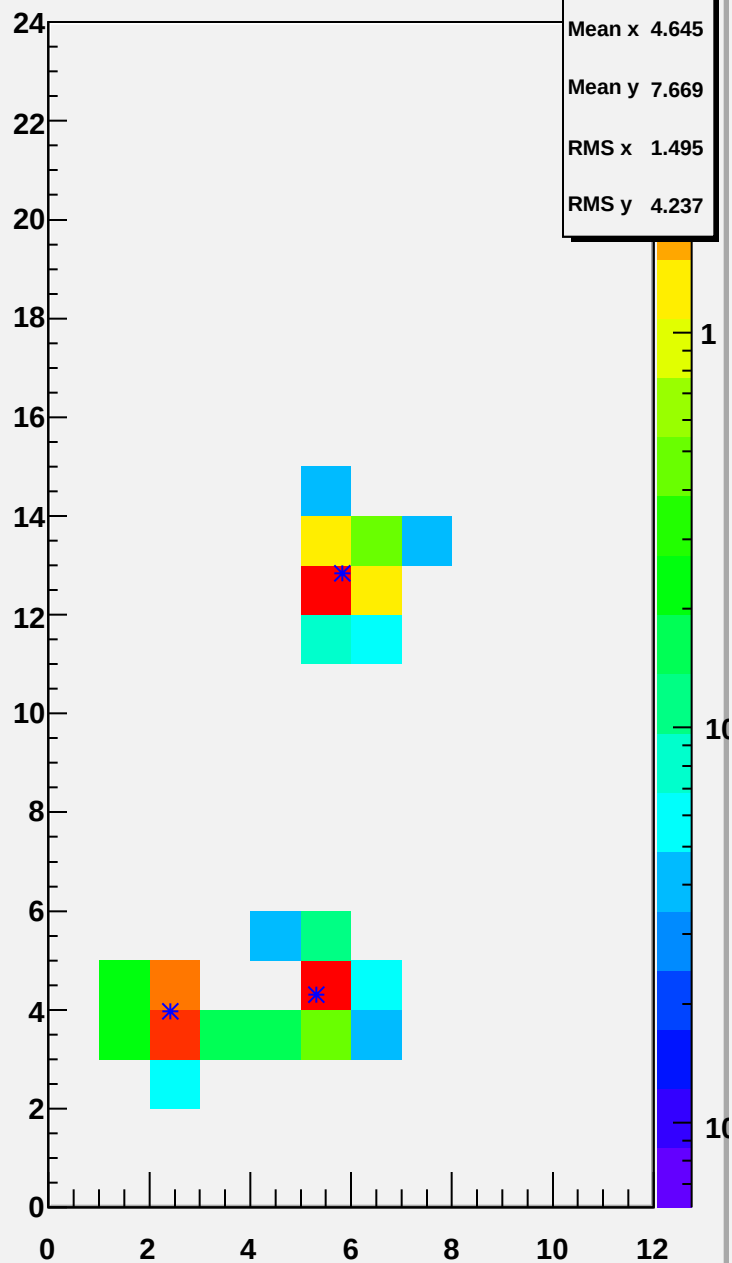
Efit

Entries	288
Mean x	2.403
Mean y	4.661
RMS x	0.5729
RMS y	3.573

NSTB3_r4_c3_En=20.9_m0=0.110_m1=0.110_index=1231



Fitted Energies



Efit

Entries 288

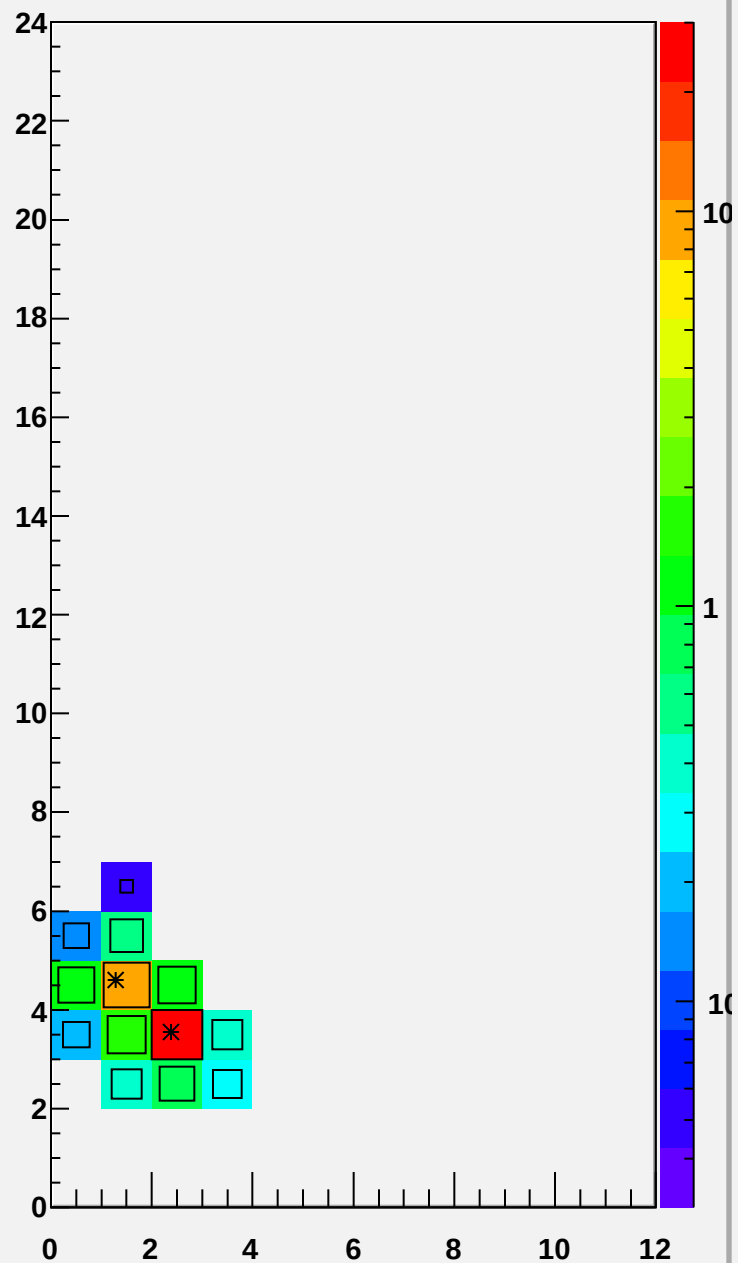
Mean x 4.645

Mean y 7.669

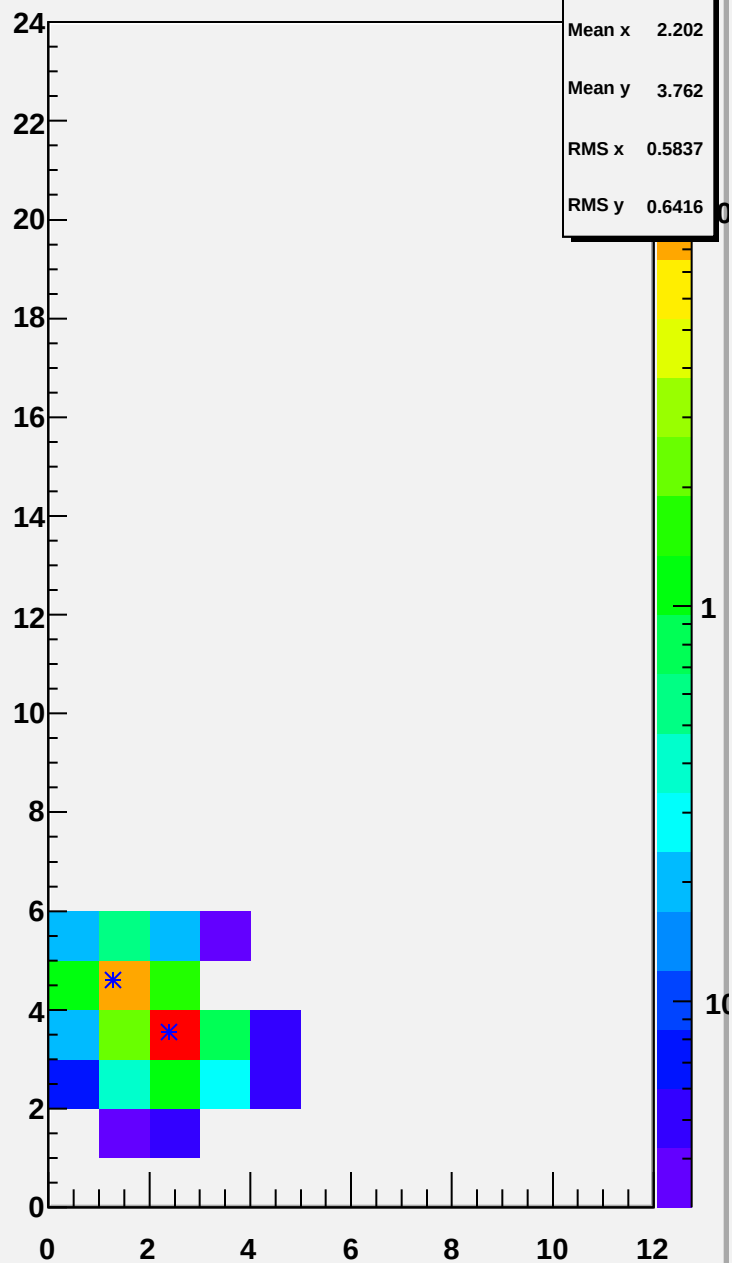
RMS x 1.495

RMS y 4.237

NSTB3_r4_c3_En=45.6_m0=0.171 m1=0.171 index=1232



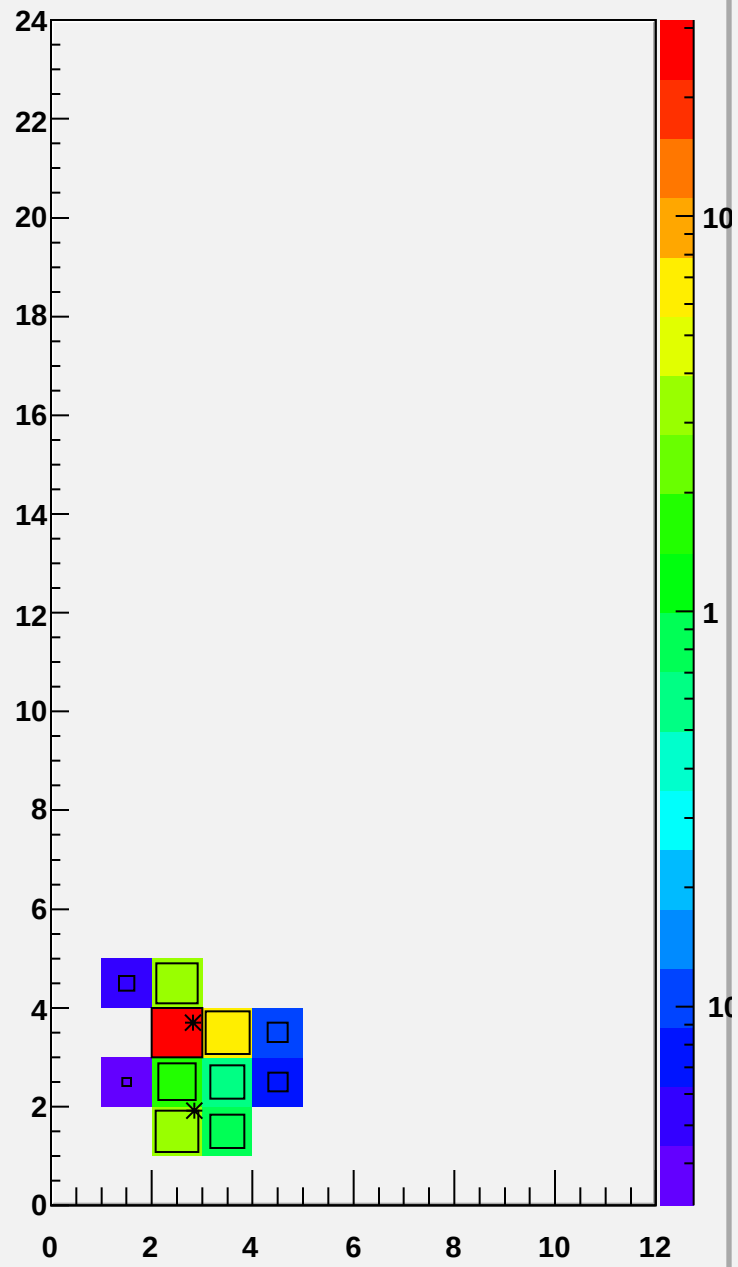
Fitted Energies



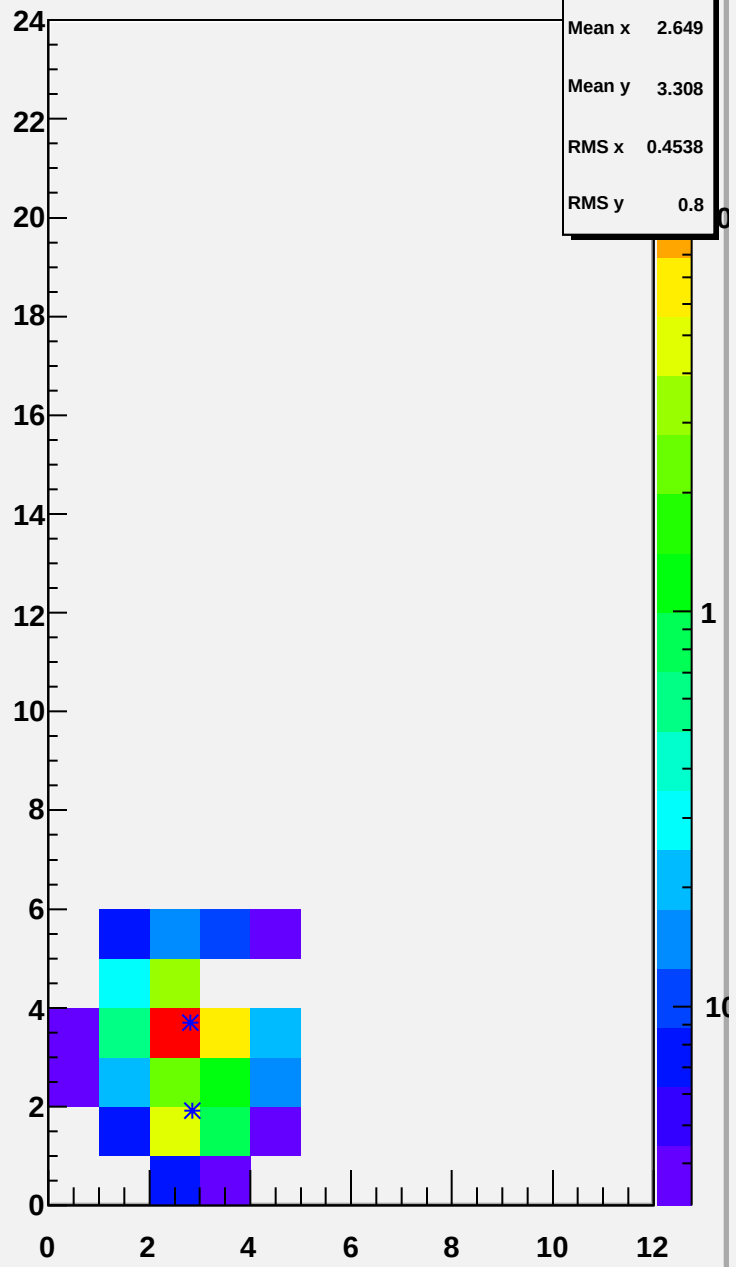
Efit

Entries	288
Mean x	2.202
Mean y	3.762
RMS x	0.5837
RMS y	0.6416

NSTB3_r4_c3_En=47.1_m0=0.174 m1=0.174 index=1235



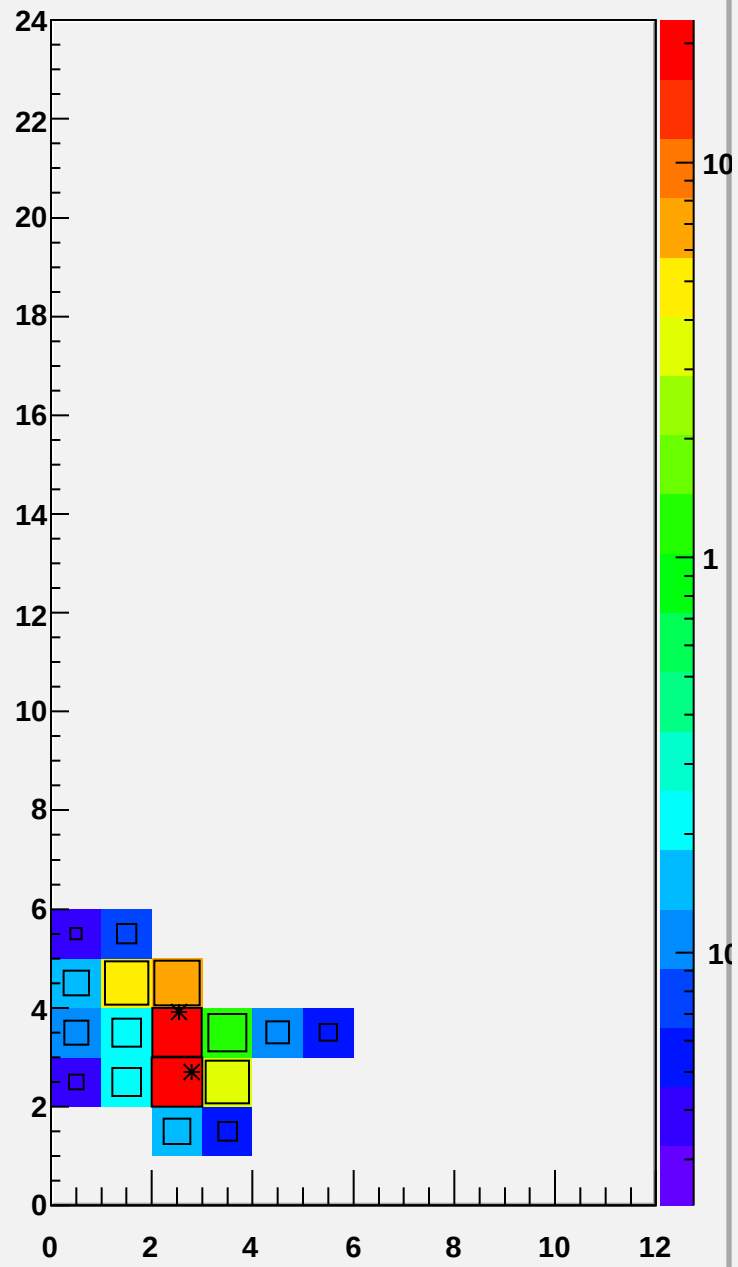
Fitted Energies



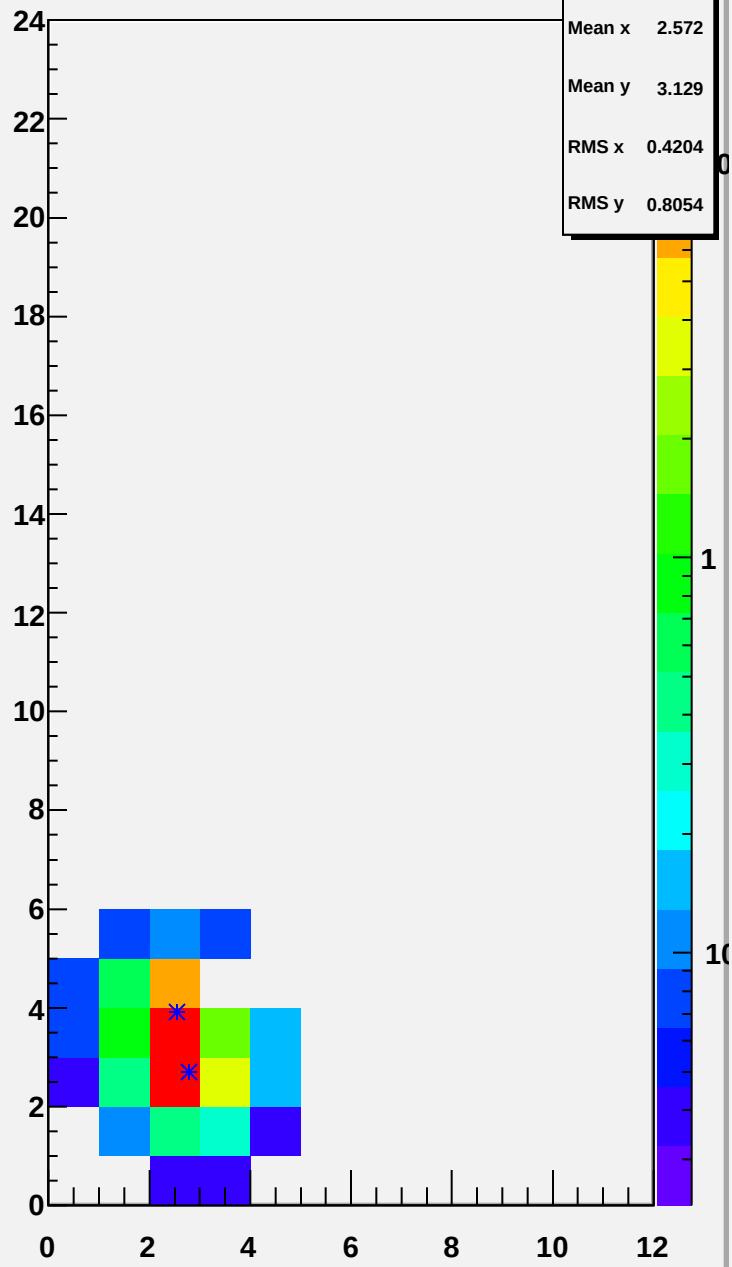
Efit

Entries	288
Mean x	2.649
Mean y	3.308
RMS x	0.4538
RMS y	0.8

NSTB3_r4_c3_En=58.5_m0=0.191 m1=0.191 index=1236



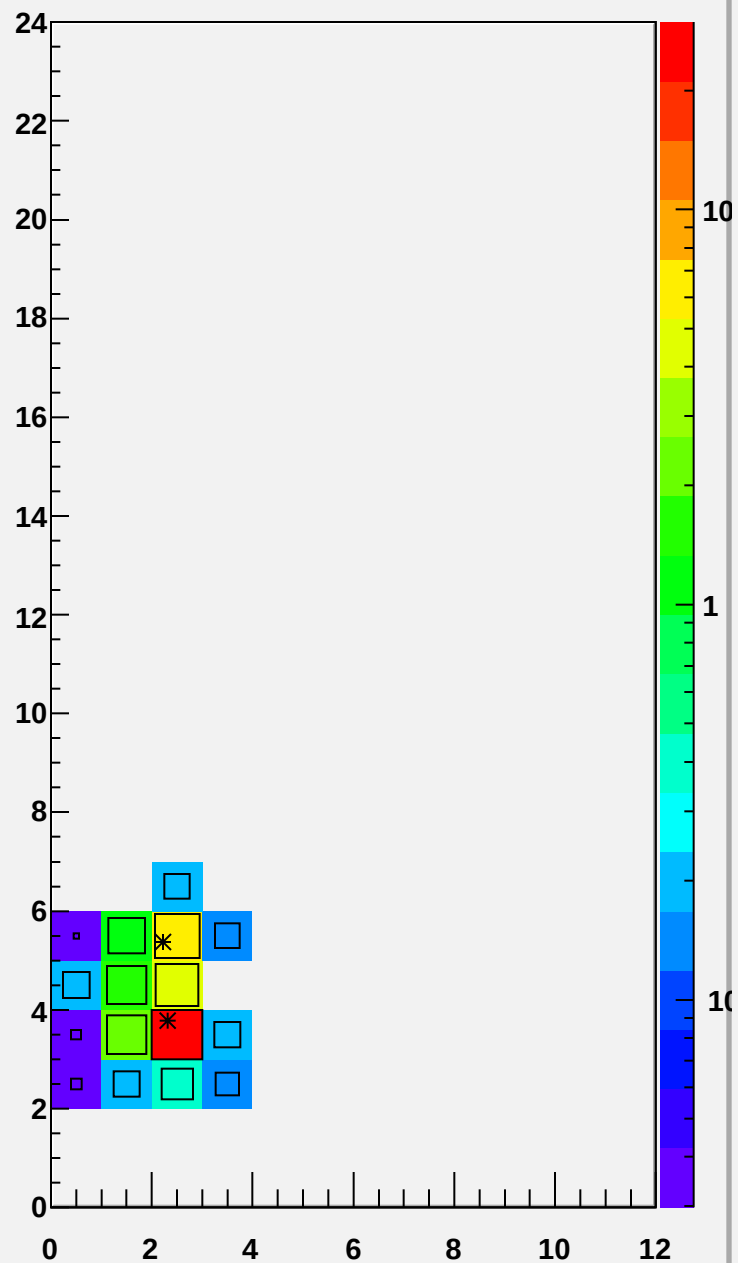
Fitted Energies



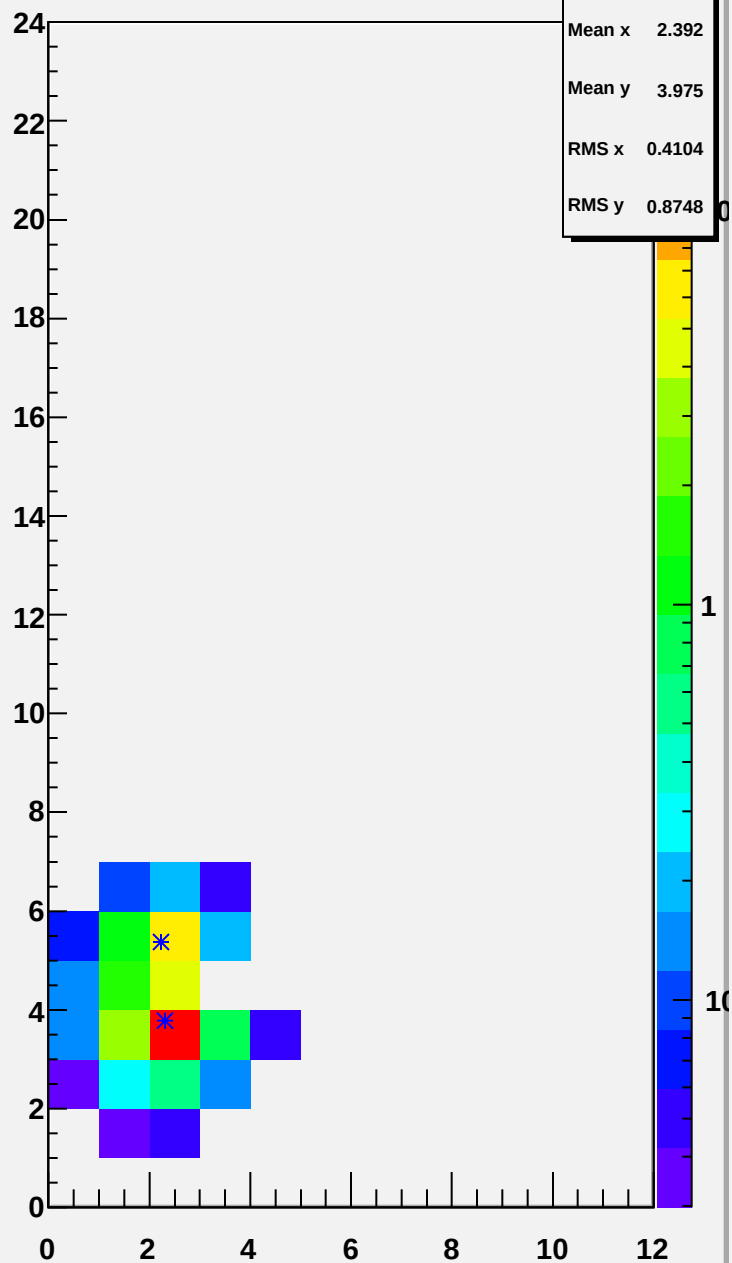
Efit

Entries	288
Mean x	2.572
Mean y	3.129
RMS x	0.4204
RMS y	0.8054

NSTB3_r4_c3_En=47.6_m0=0.168 m1=0.168 index=1237



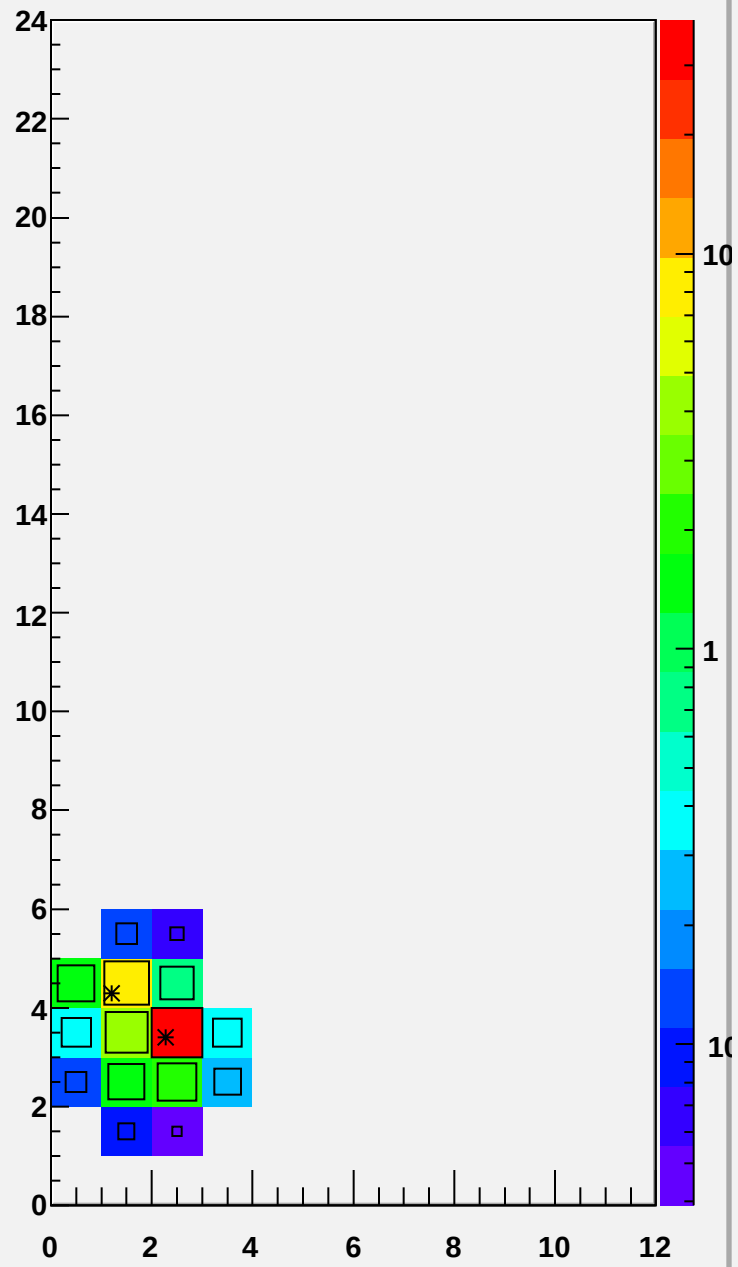
Fitted Energies



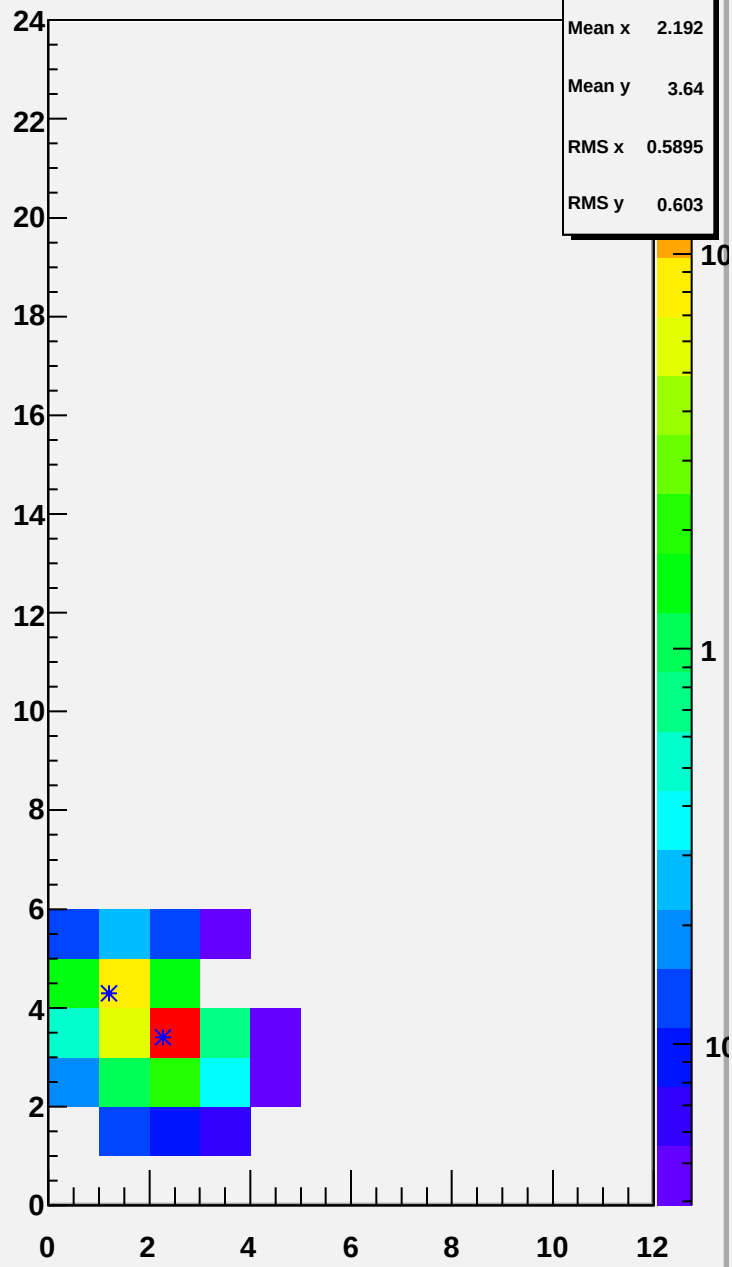
Efit

Entries	288
Mean x	2.392
Mean y	3.975
RMS x	0.4104
RMS y	0.8748

NSTB3_r4_c3_En=58.8_m0=0.185 m1=0.185 index=1238



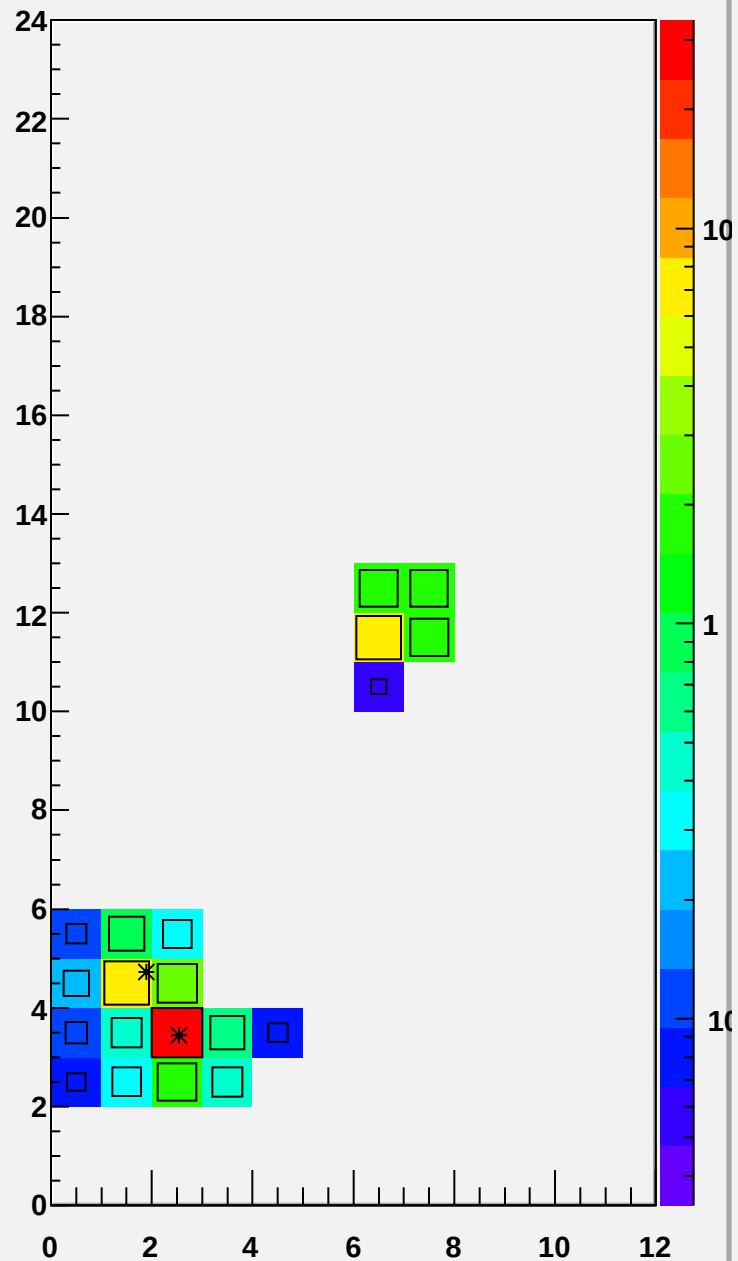
Fitted Energies



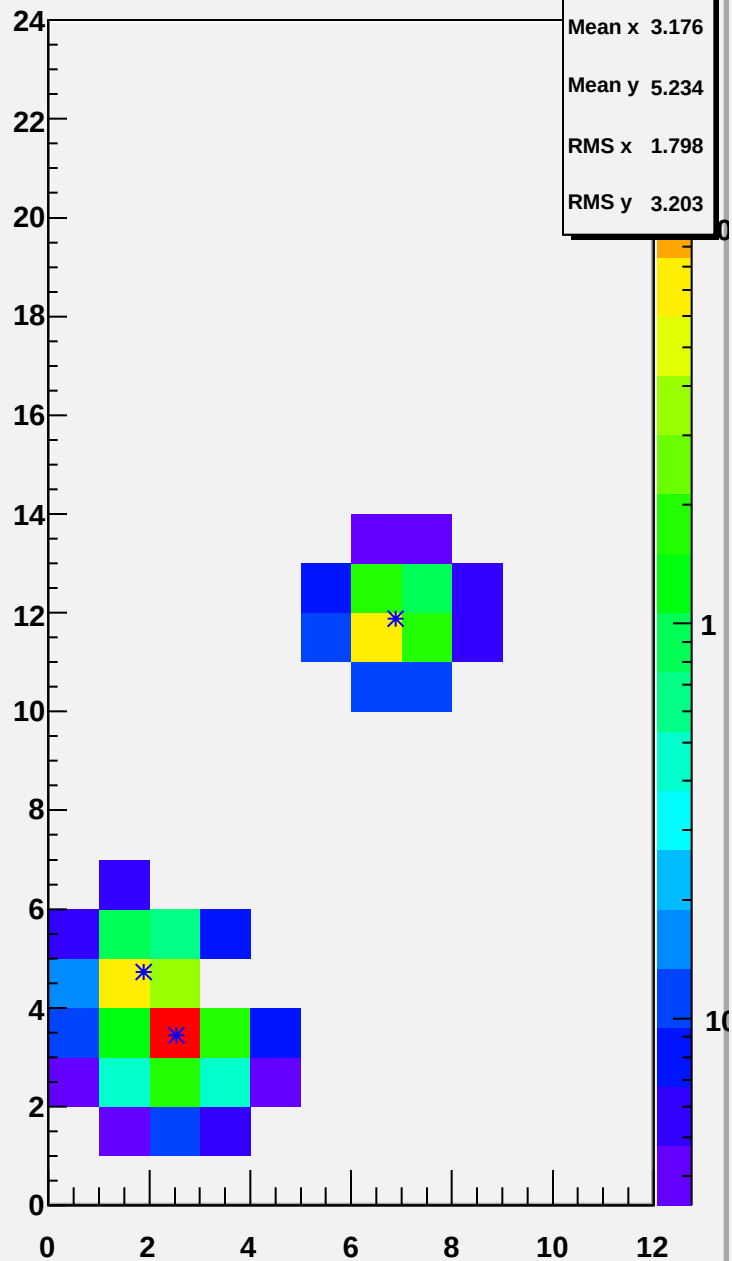
Efit

Entries	288
Mean x	2.192
Mean y	3.64
RMS x	0.5895
RMS y	0.603

NSTB3_r4_c3_En=60.5_m0=0.169 m1=0.169 index=1239



Fitted Energies



Efit

Entries 288

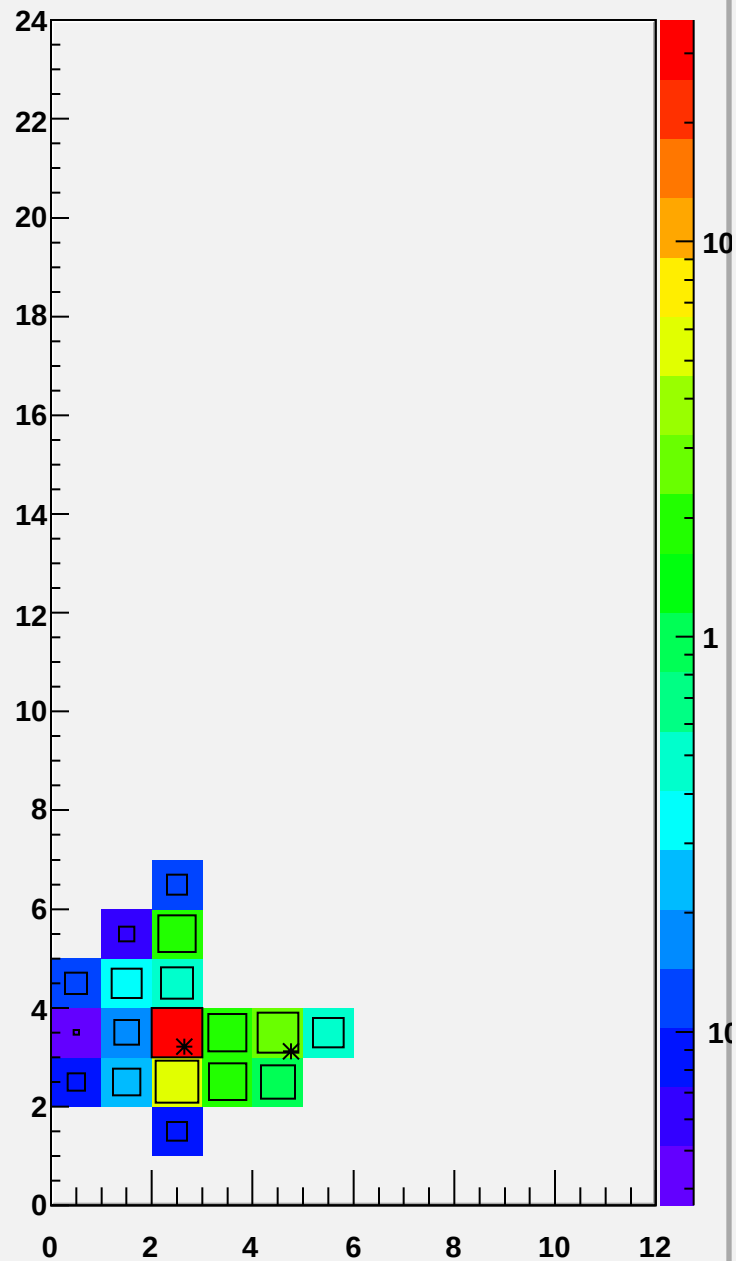
Mean x 3.176

Mean y 5.234

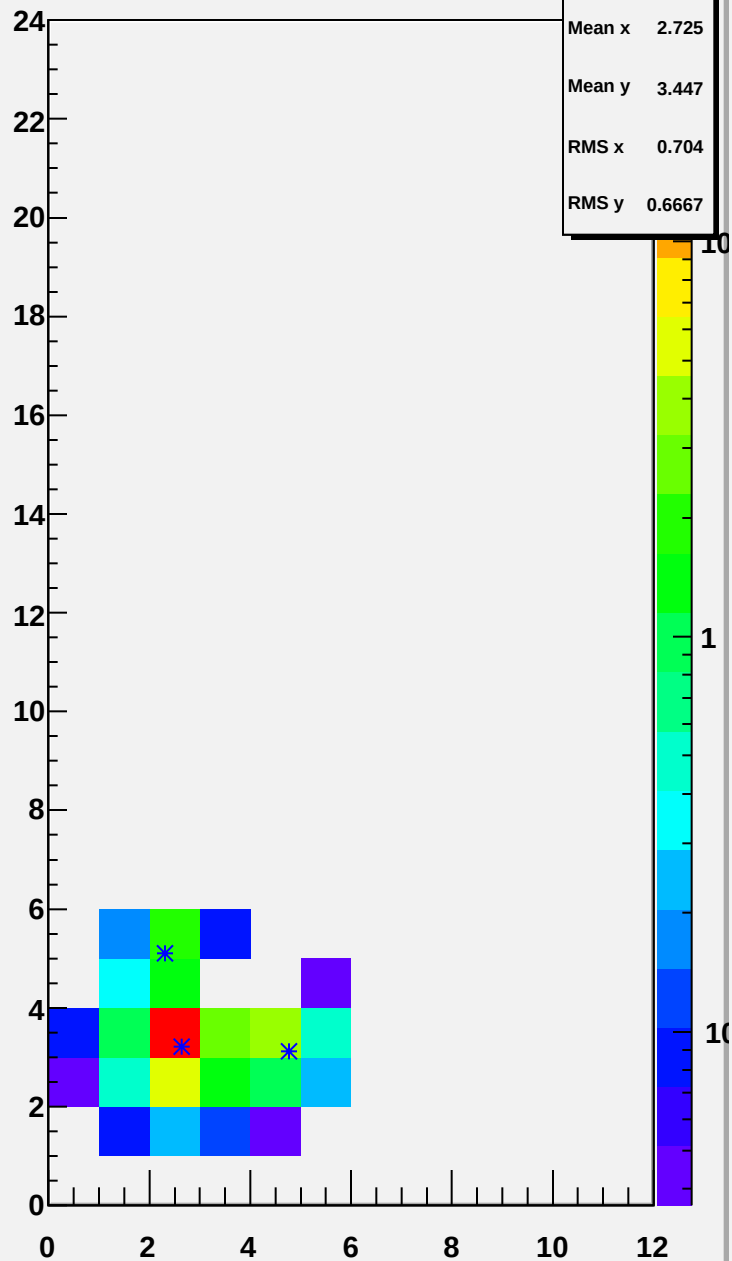
RMS x 1.798

RMS y 3.203

NSTB3_r4_c3_En=53.2_m0=0.177 m1=0.177 index=1240



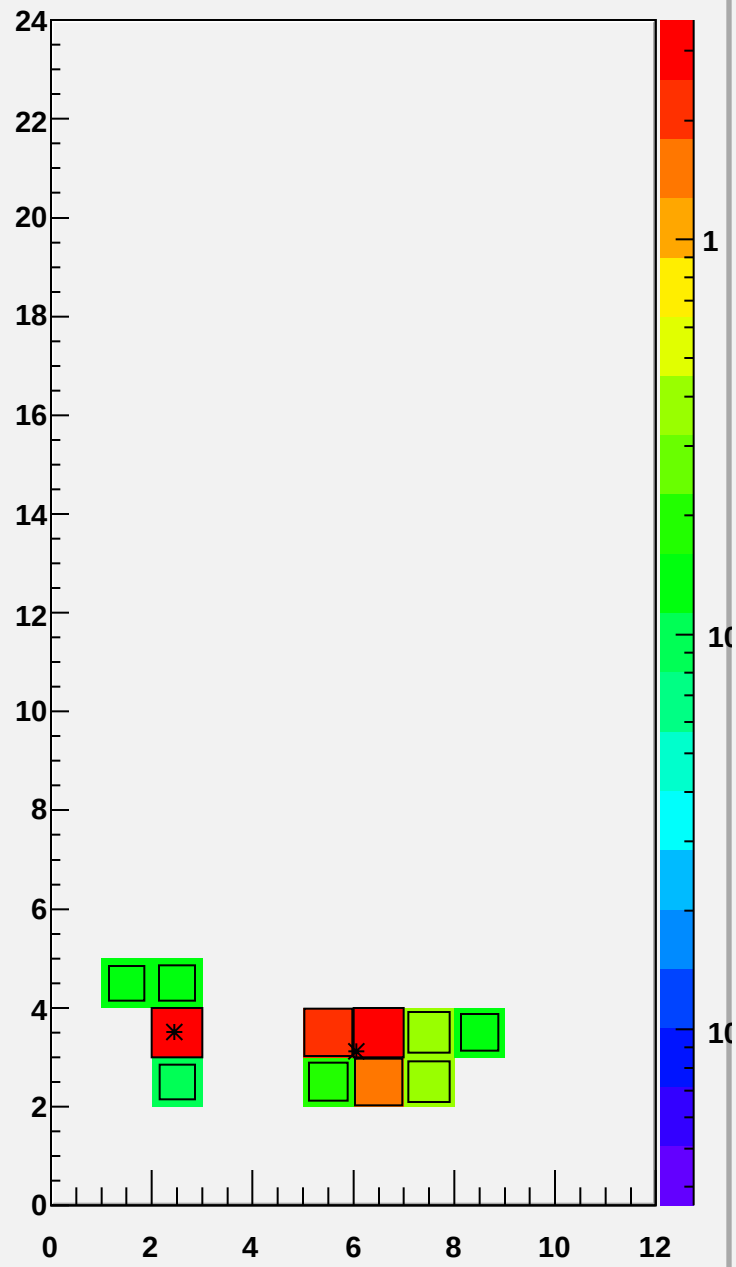
Fitted Energies



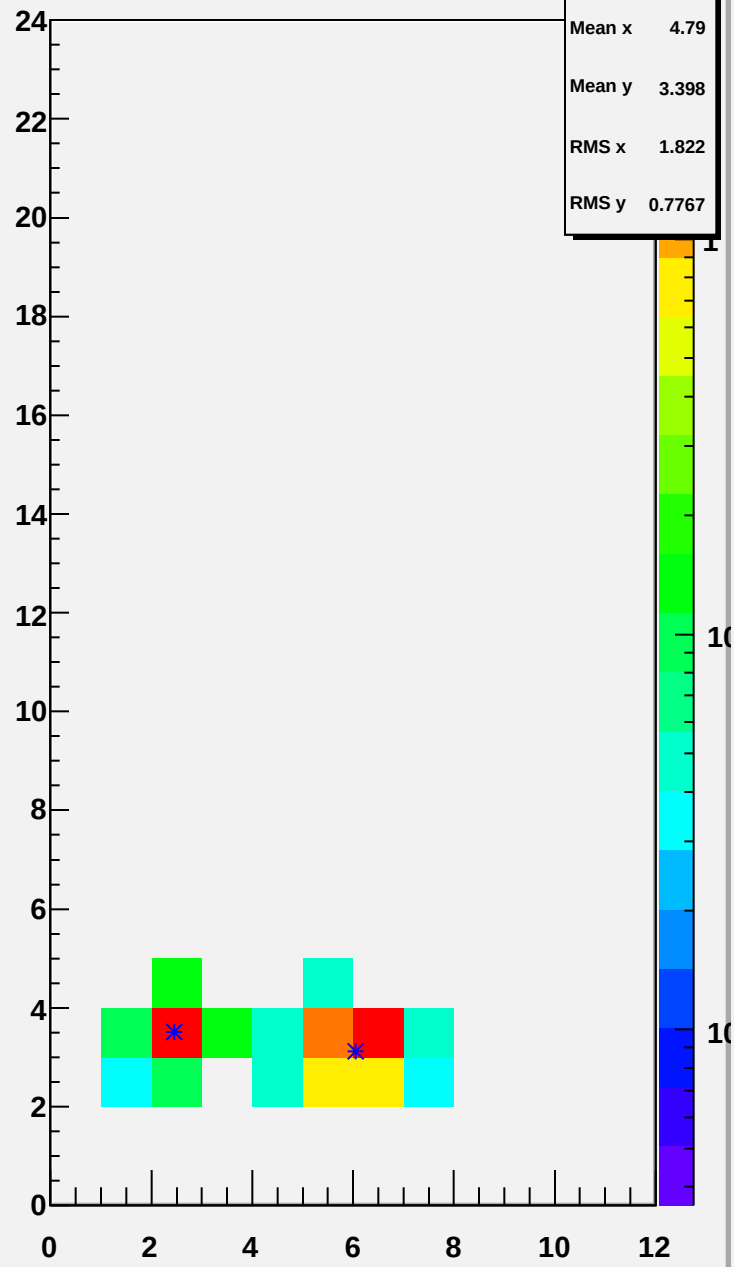
Efit

Entries	288
Mean x	2.725
Mean y	3.447
RMS x	0.704
RMS y	0.6667

NSTB3_r4_c3_En=12.1_m0=0.110_m1=0.110_index=1241



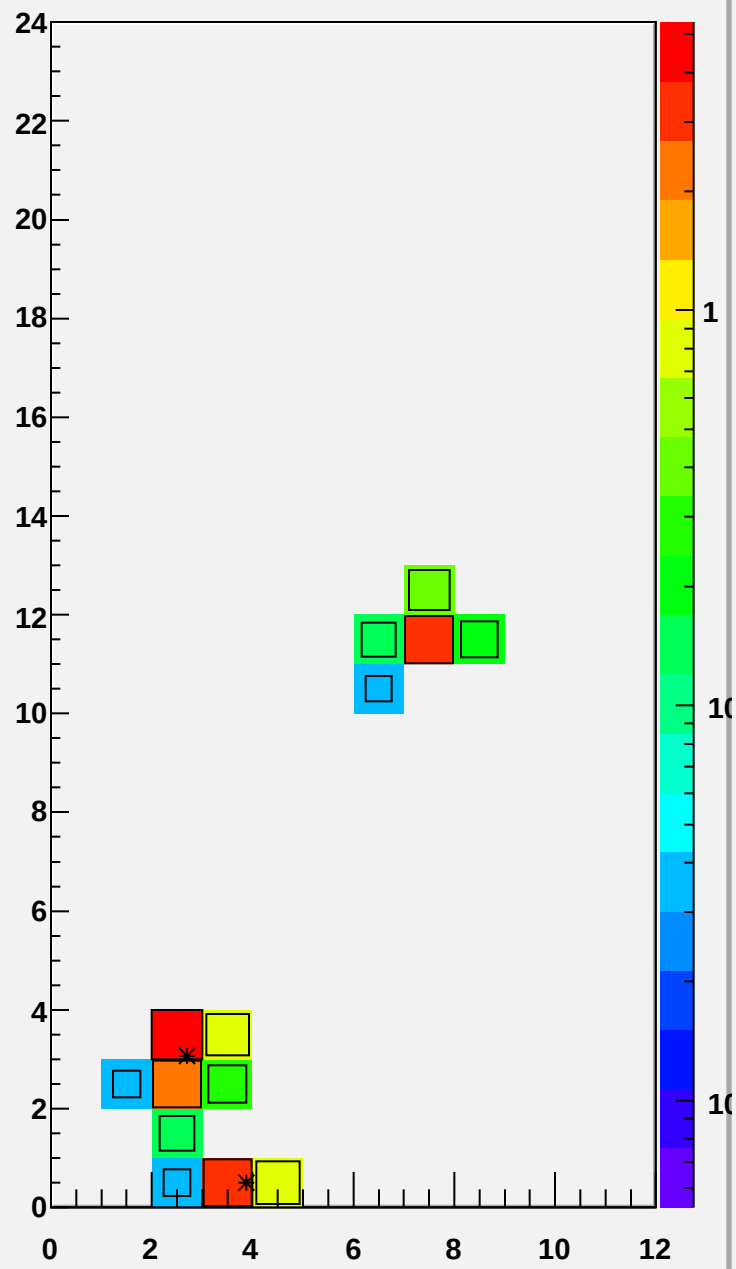
Fitted Energies



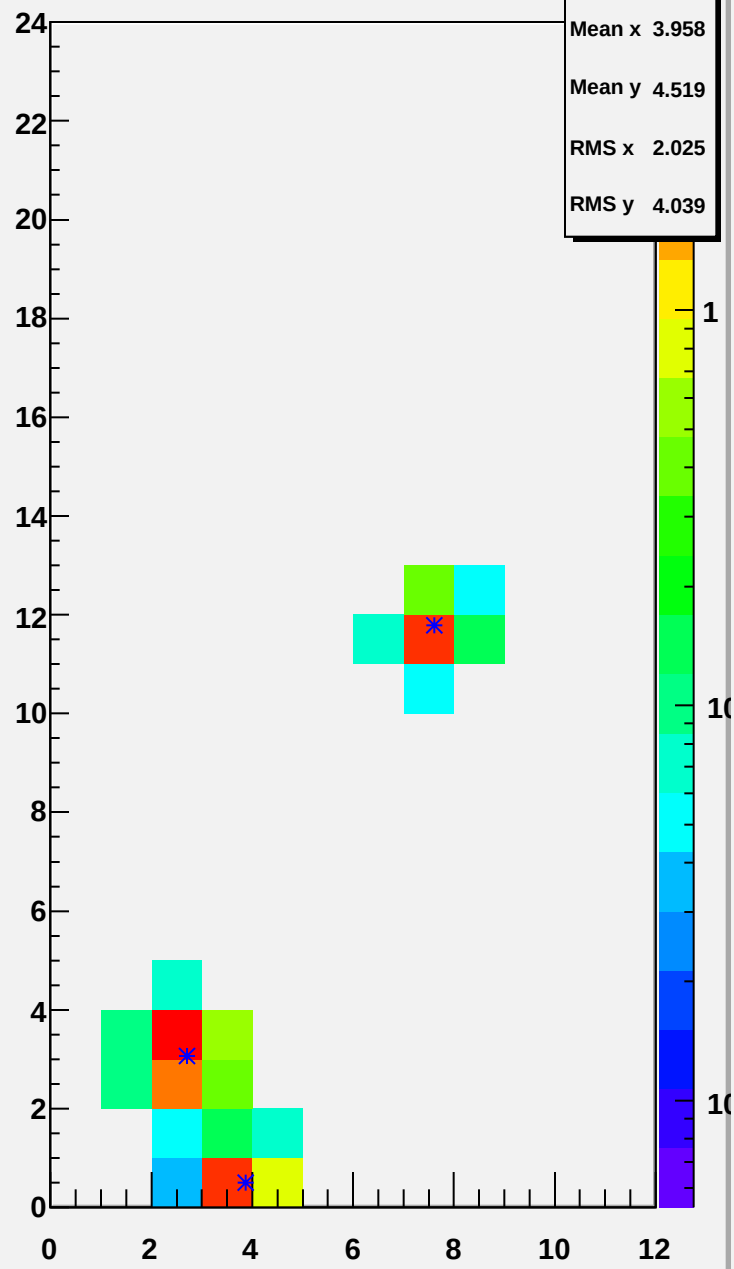
Efit

Entries	288
Mean x	4.79
Mean y	3.398
RMS x	1.822
RMS y	0.7767

NSTB3_r4_c3_En=16.7_m0=0.096 m1=0.096 index=1242



Fitted Energies



Efit

Entries 288

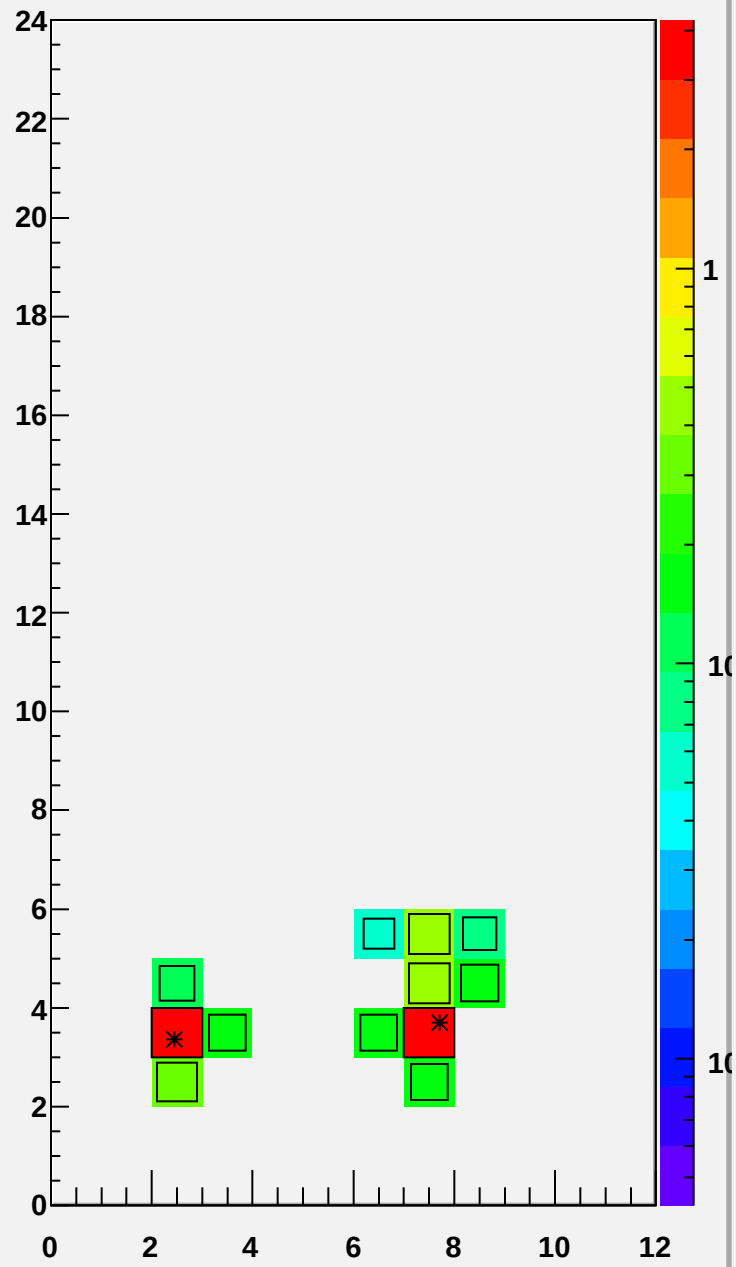
Mean x 3.958

Mean y 4.519

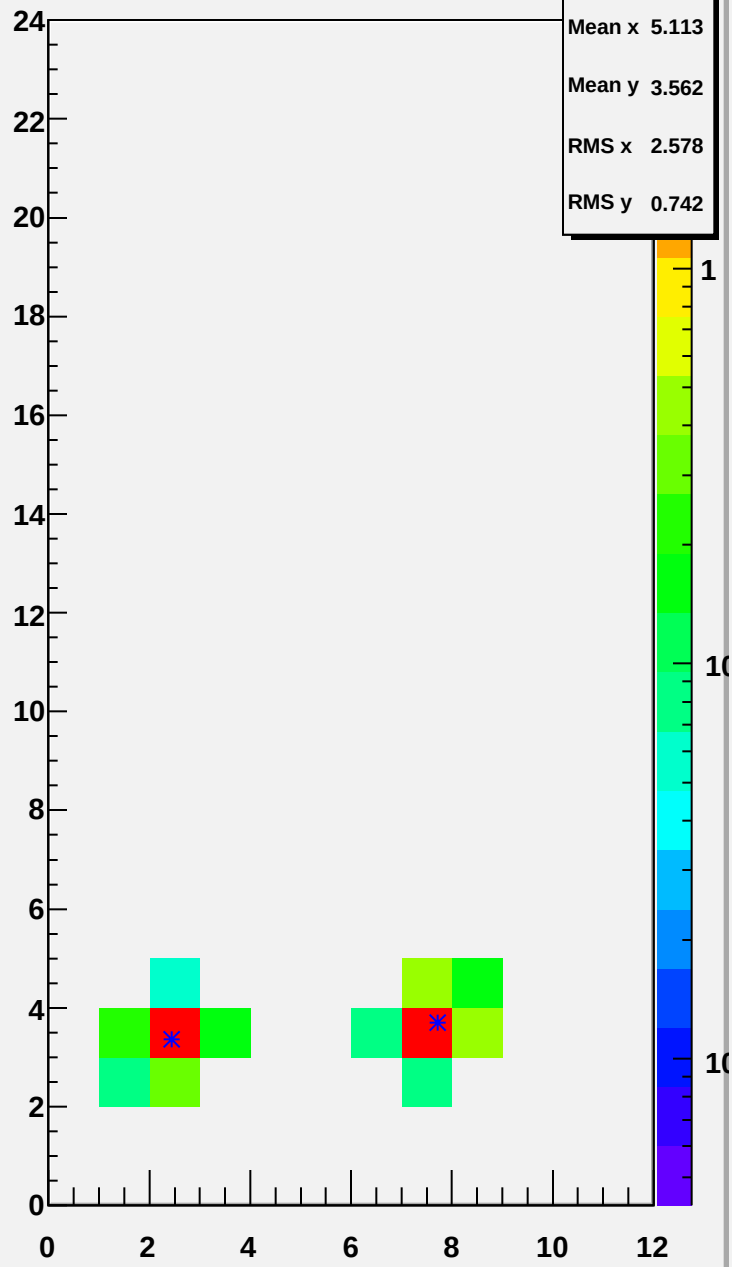
RMS x 2.025

RMS y 4.039

NSTB3_r4_c3_En=10.5_m0=0.156 m1=0.156 index=1244



Fitted Energies



Efit

Entries 288

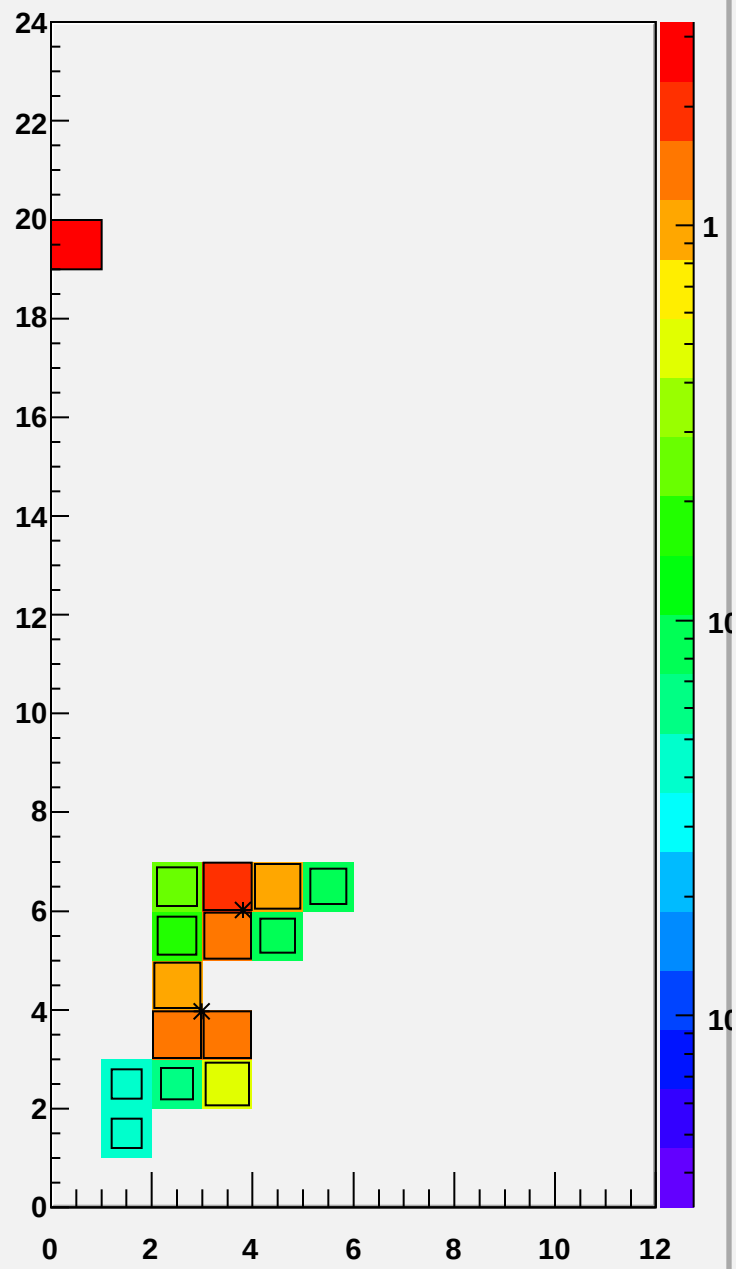
Mean x 5.113

Mean y 3.562

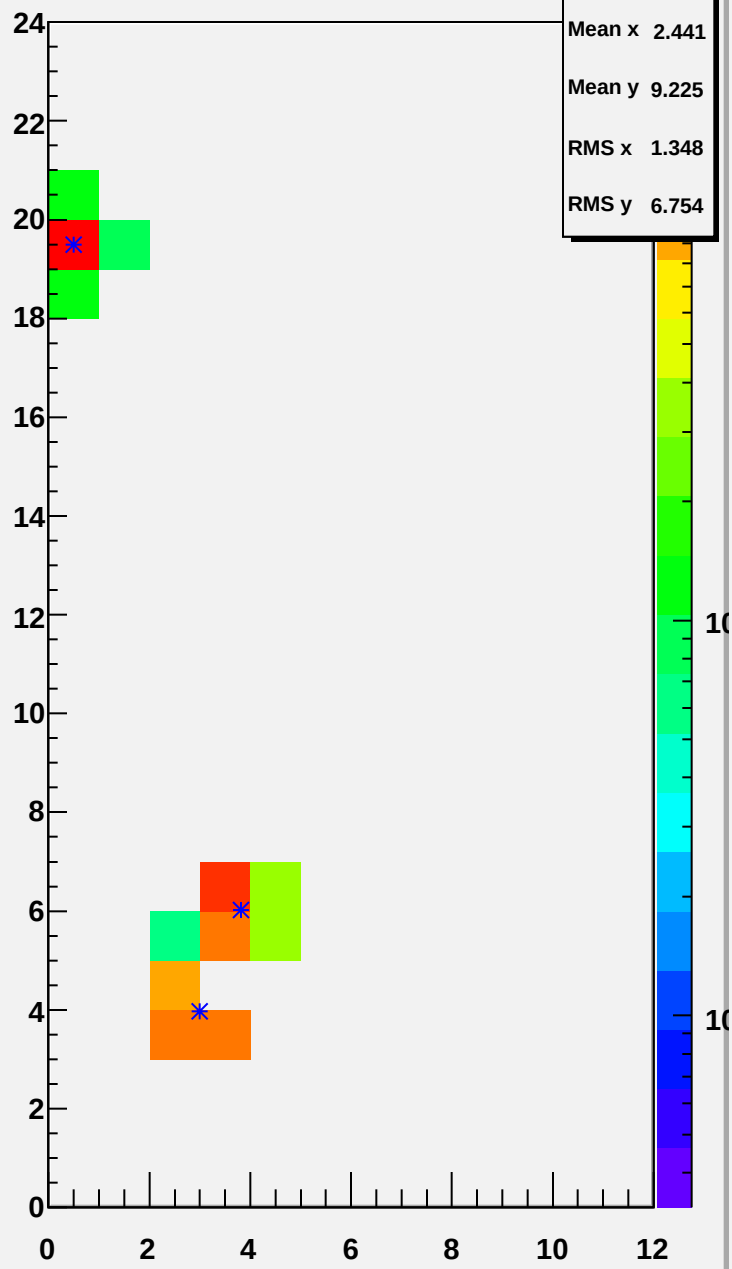
RMS x 2.578

RMS y 0.742

NSTB3_r4_c3_En=12.4_m0=0.055 m1=0.055 index=1245



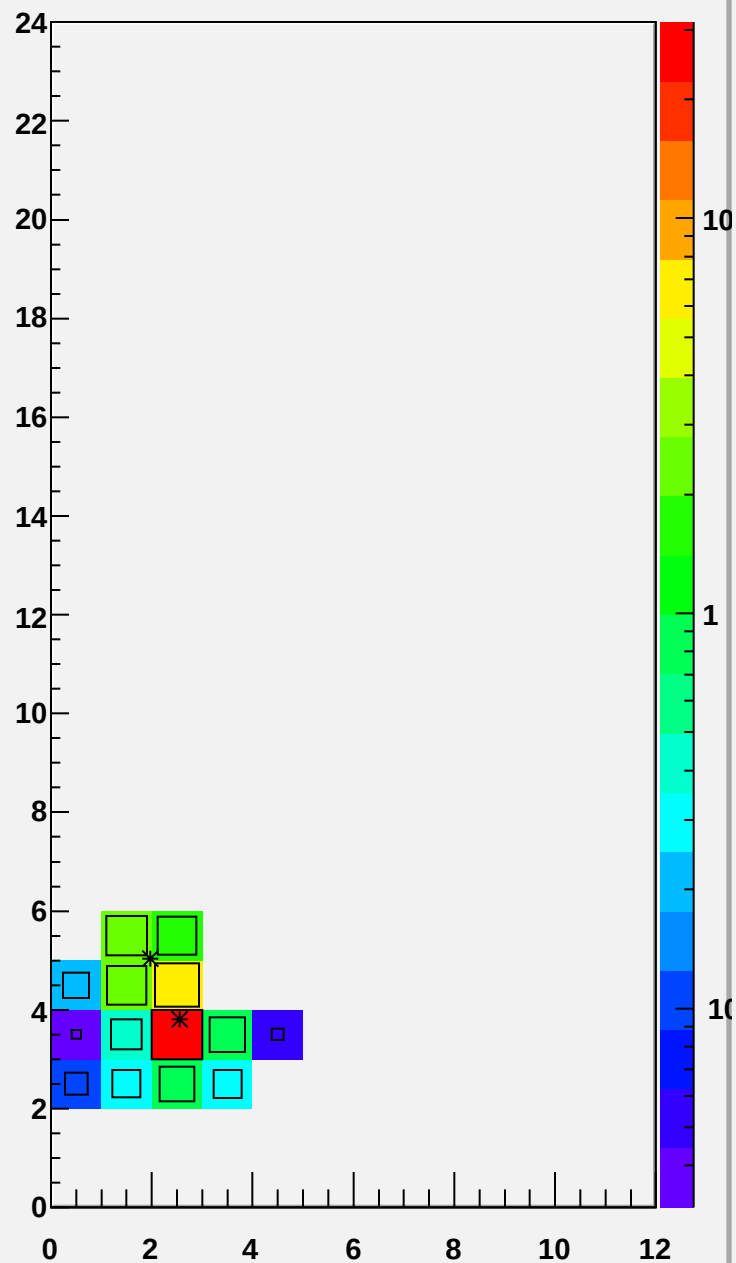
Fitted Energies



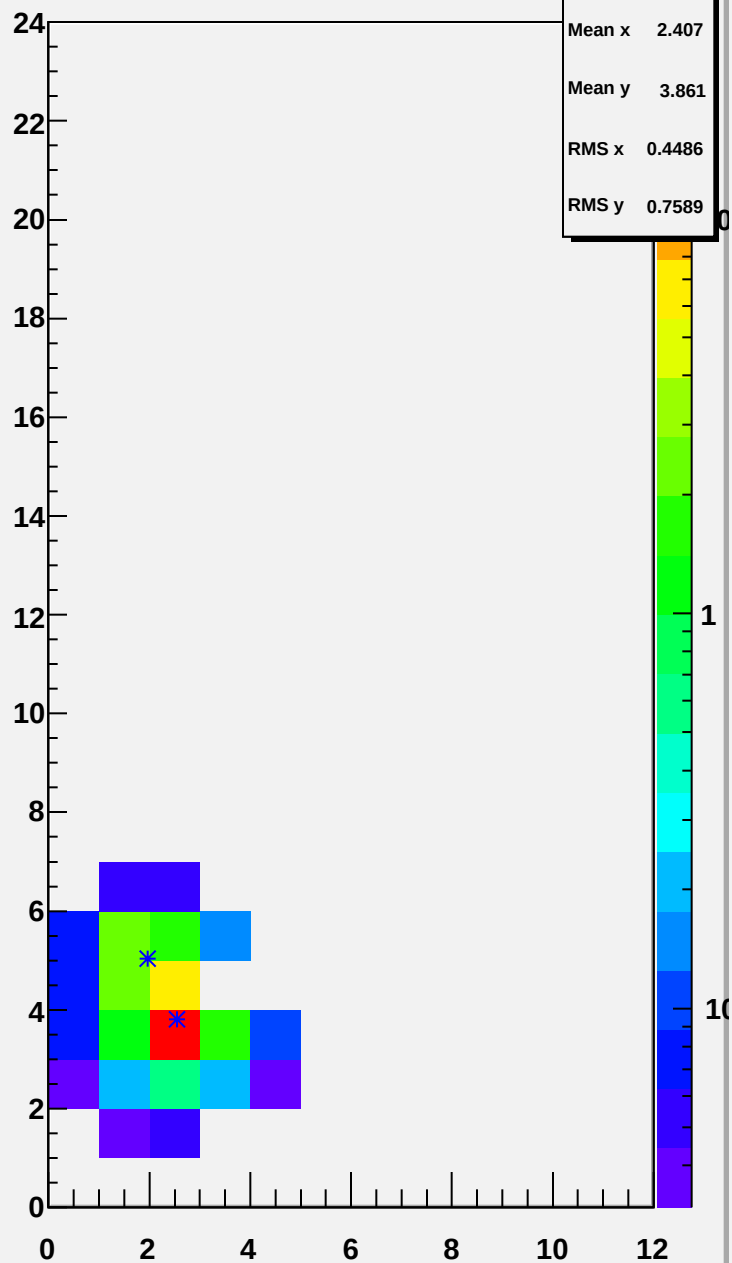
Efit

Entries 288
Mean x 2.441
Mean y 9.225
RMS x 1.348
RMS y 6.754

NSTB3_r4_c3_En=47.6_m0=0.131 m1=0.131 index=1247



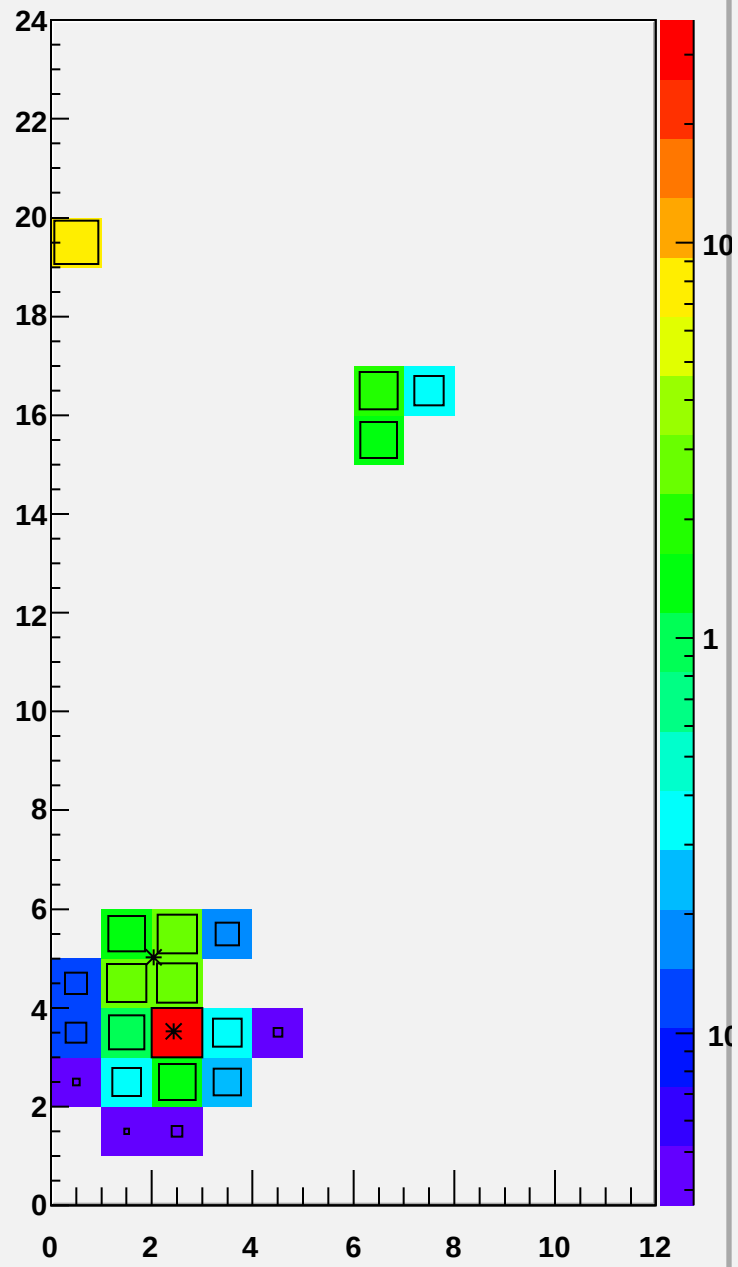
Fitted Energies



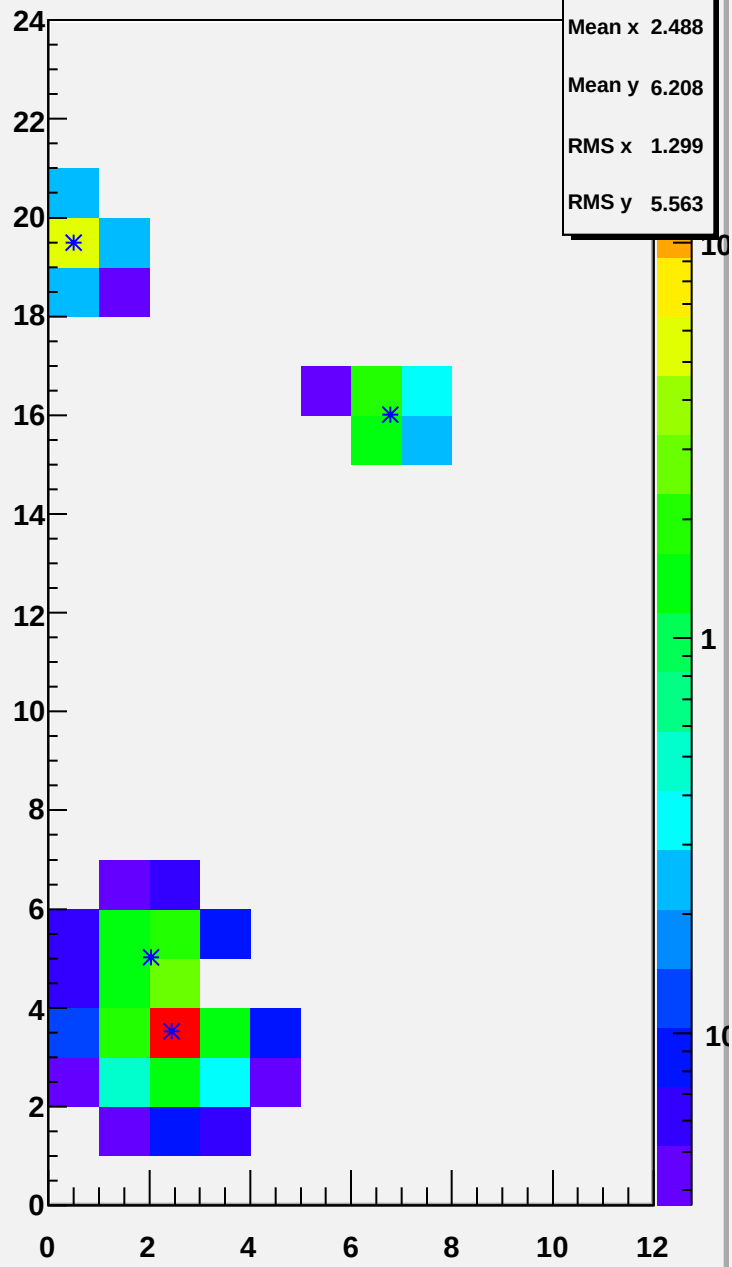
Efit

Entries	288
Mean x	2.407
Mean y	3.861
RMS x	0.4486
RMS y	0.7589

NSTB3_r4_c3_En=59.8_m0=0.145 m1=0.145 index=1248



Fitted Energies



Efit

Entries 288

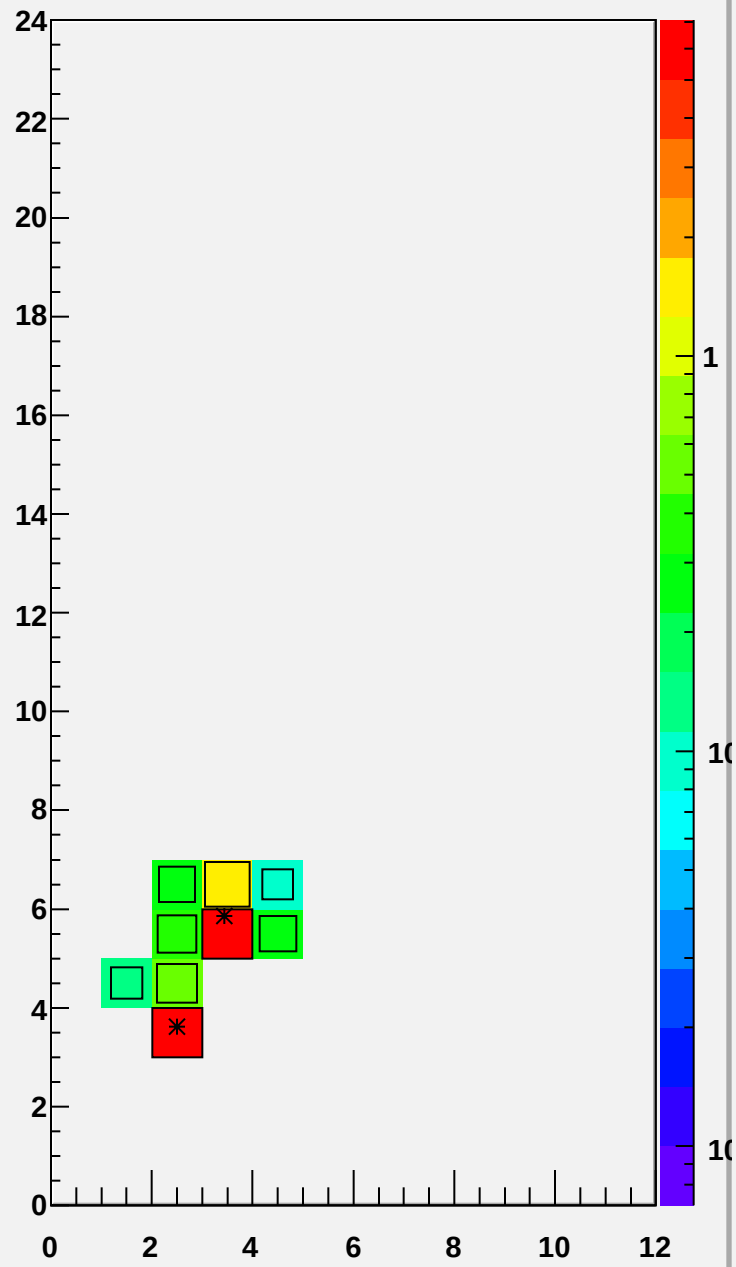
Mean x 2.488

Mean y 6.208

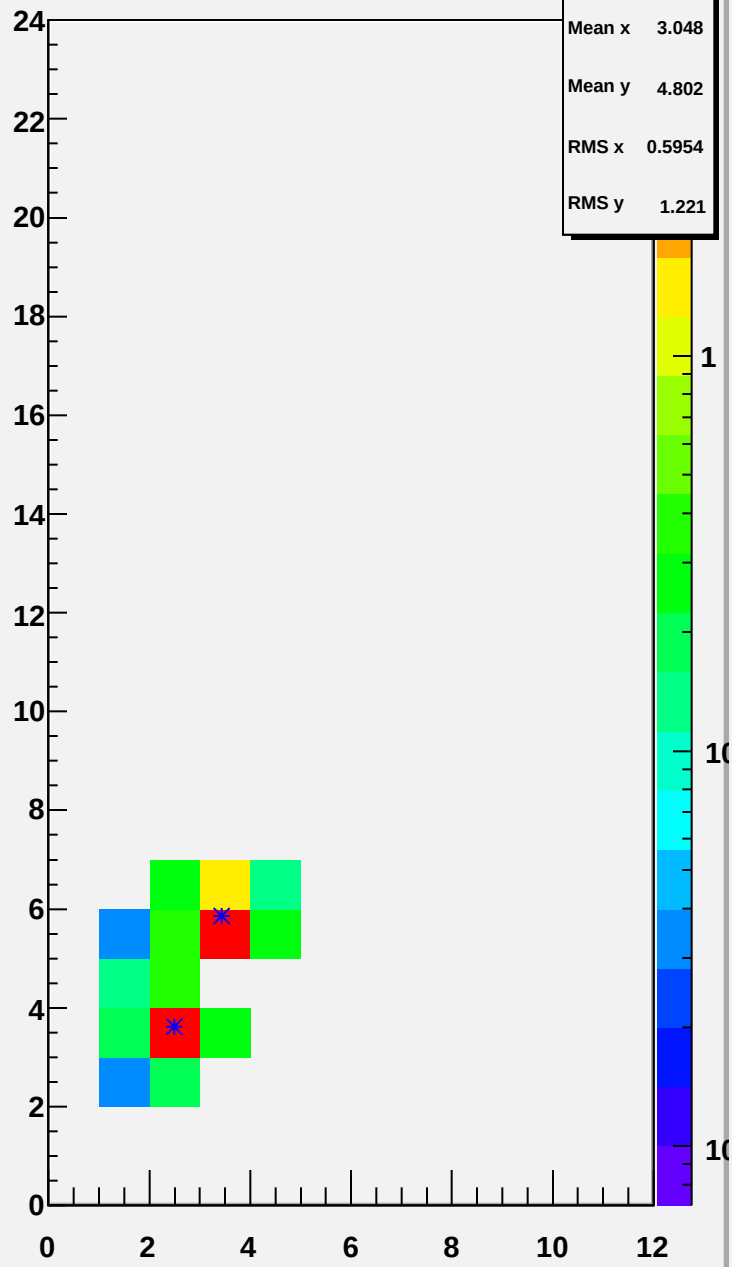
RMS x 1.299

RMS y 5.563

NSTB3_r4_c3_En=16.8_m0=0.119 m1=0.119 index=1249



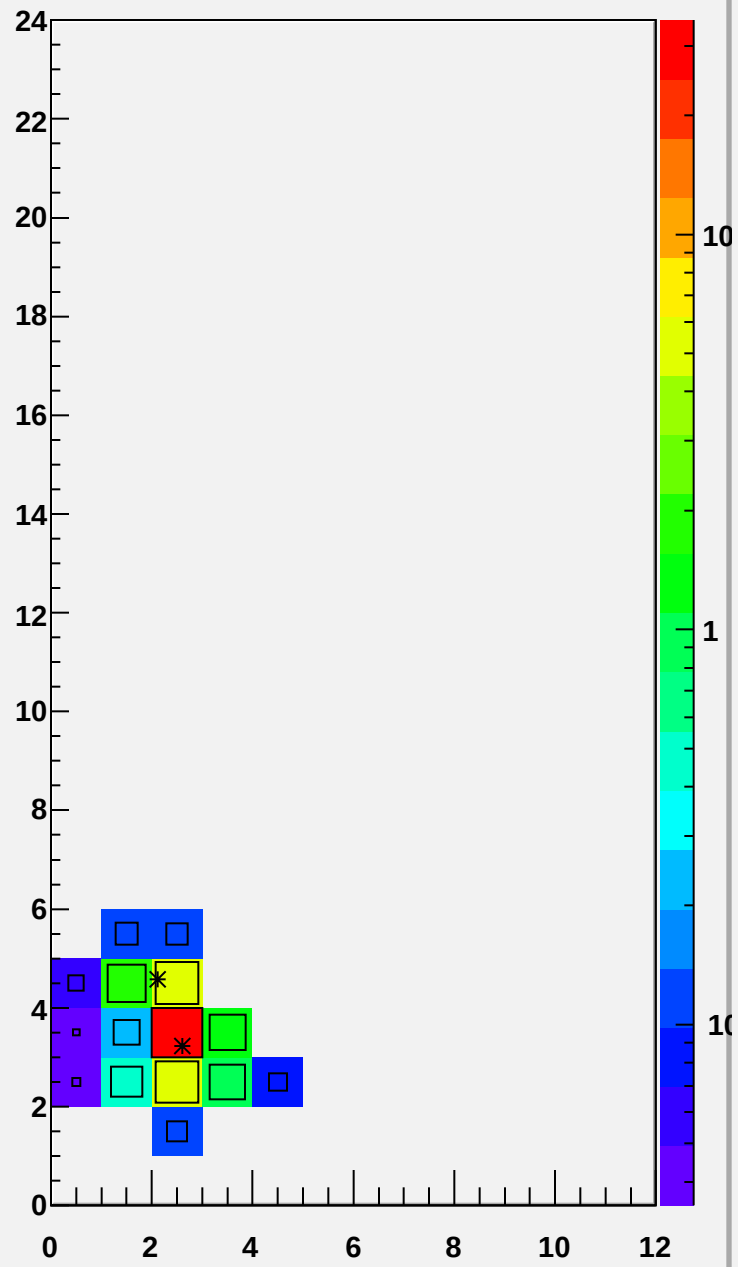
Fitted Energies



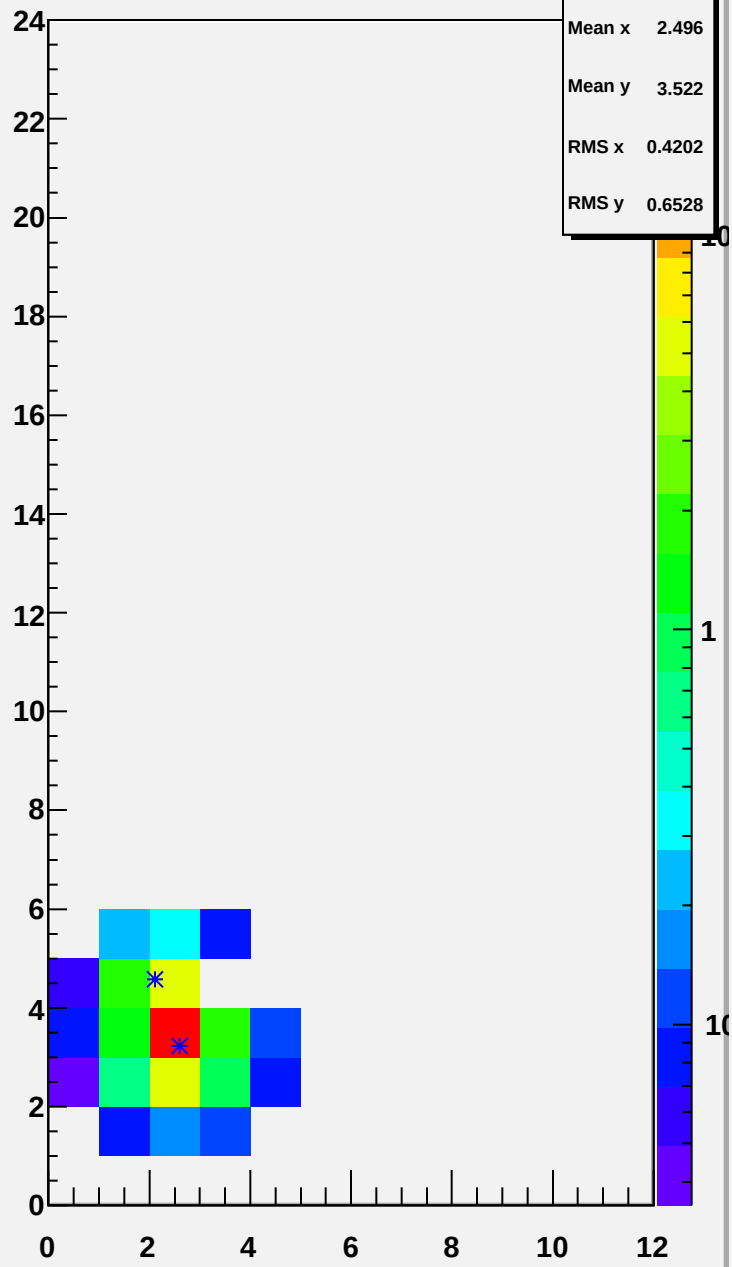
Efit

Entries	288
Mean x	3.048
Mean y	4.802
RMS x	0.5954
RMS y	1.221

NSTB3_r4_c3_En=50.4_m0=0.137 m1=0.137 index=1250



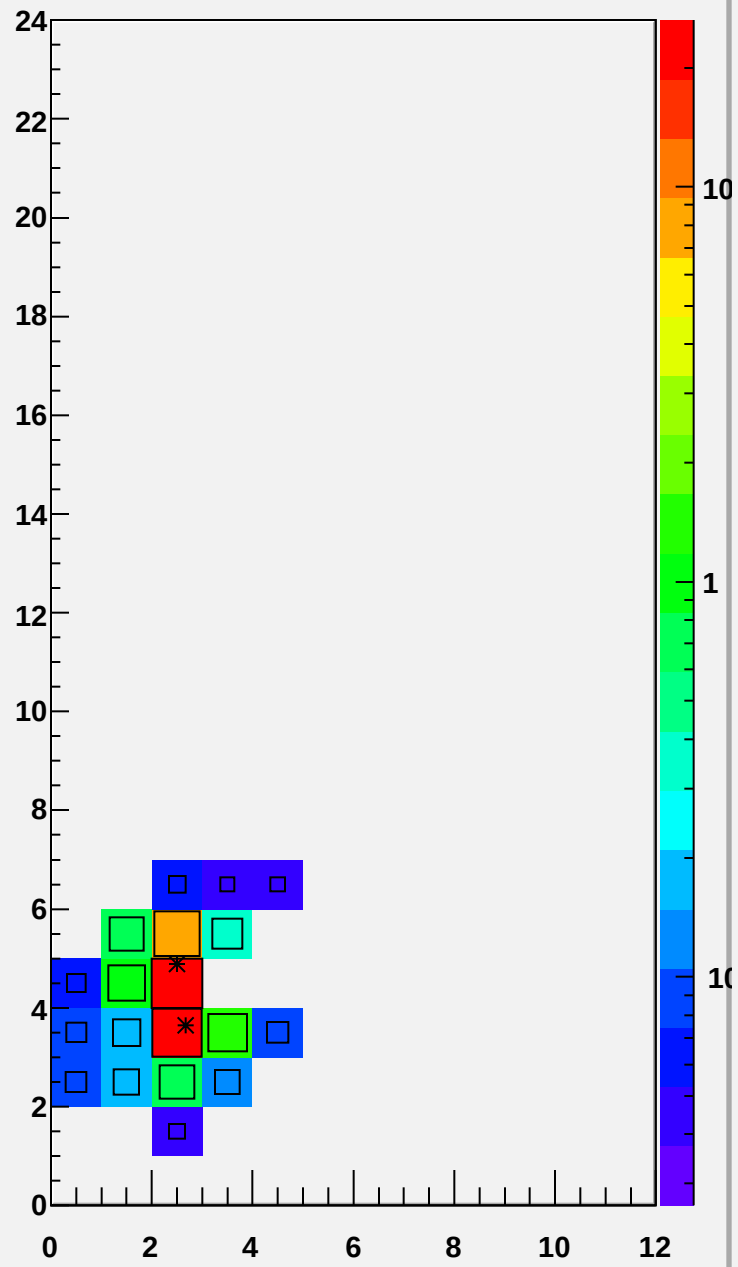
Fitted Energies



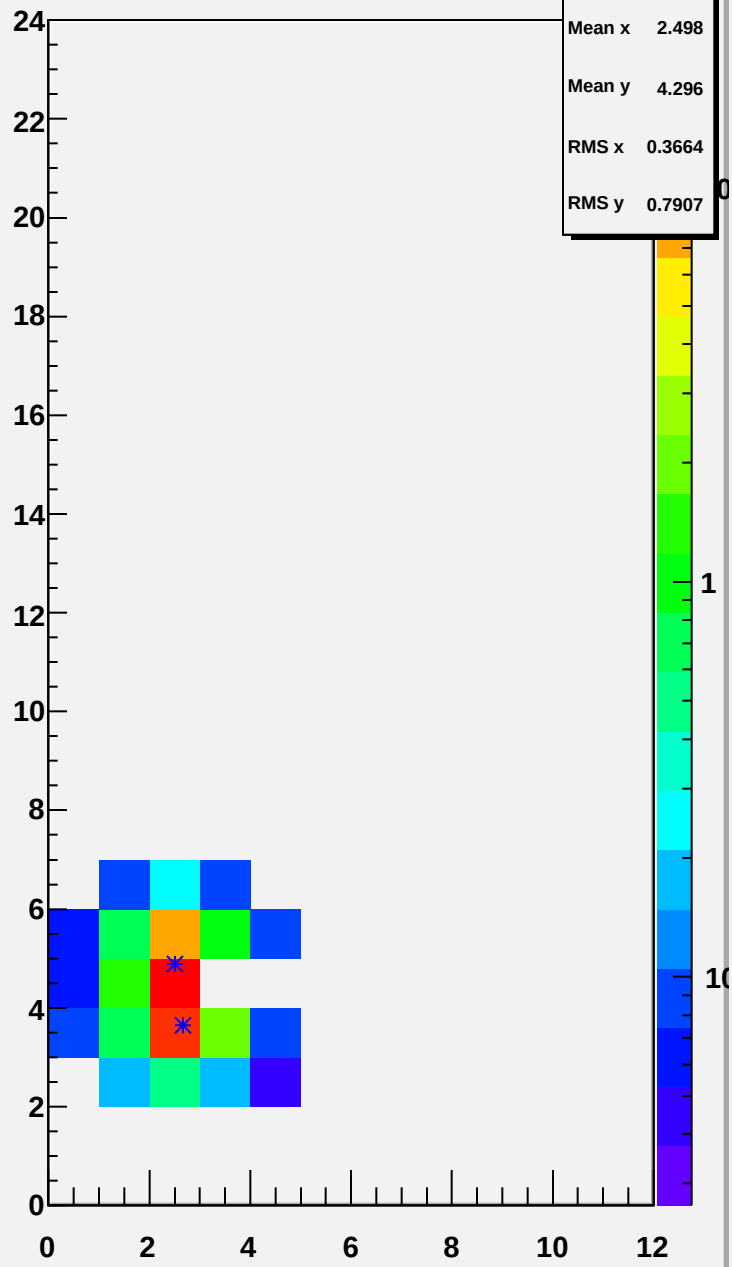
Efit

Entries	288
Mean x	2.496
Mean y	3.522
RMS x	0.4202
RMS y	0.6528

NSTB3_r4_c3_En=58.1_m0=0.199 m1=0.200 index=1252



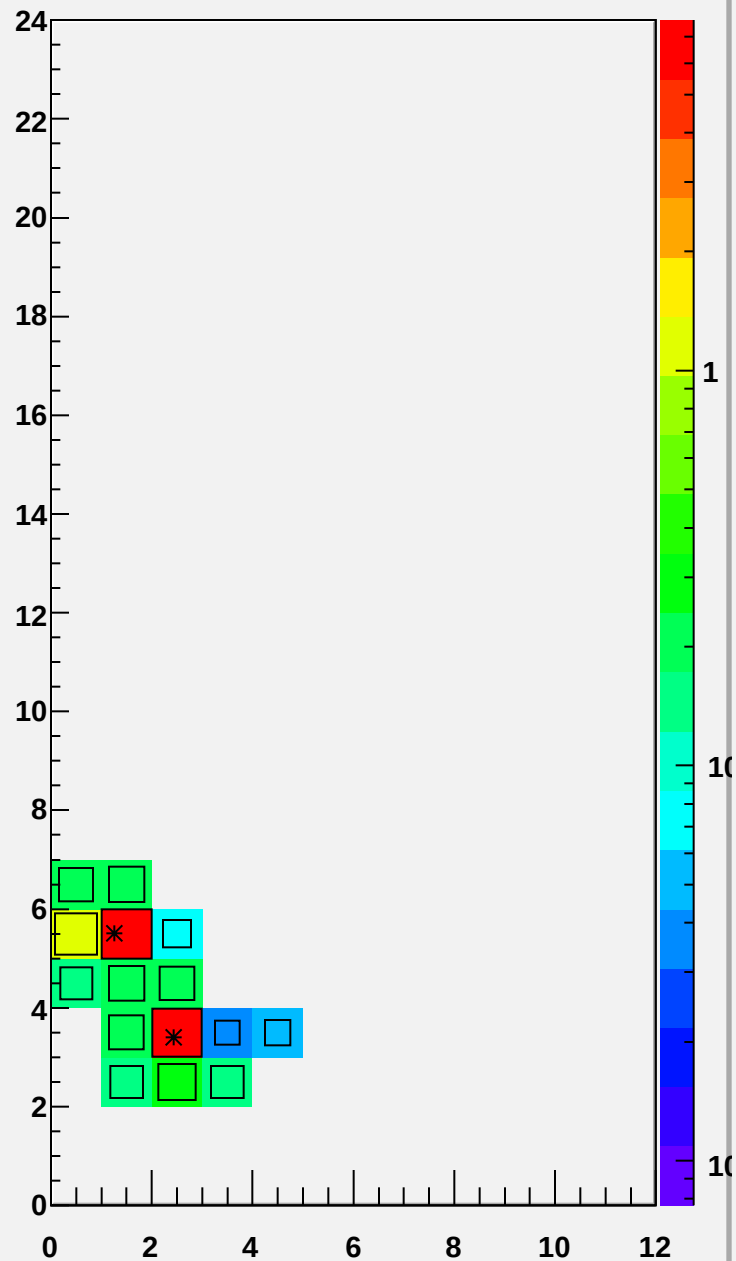
Fitted Energies



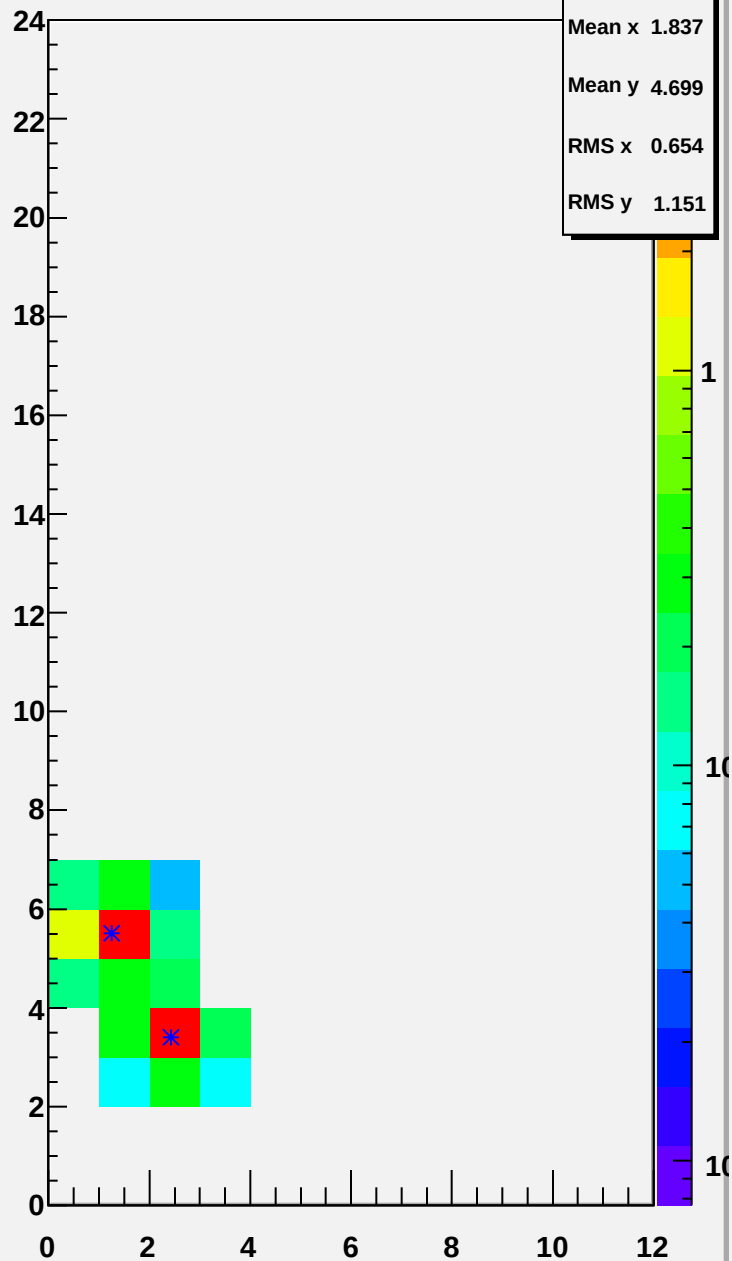
Efit

Entries	288
Mean x	2.498
Mean y	4.296
RMS x	0.3664
RMS y	0.7907

NSTB3_r4_c3_En=16.1_m0=0.109 m1=0.109 index=1254



Fitted Energies



Efit

Entries 288

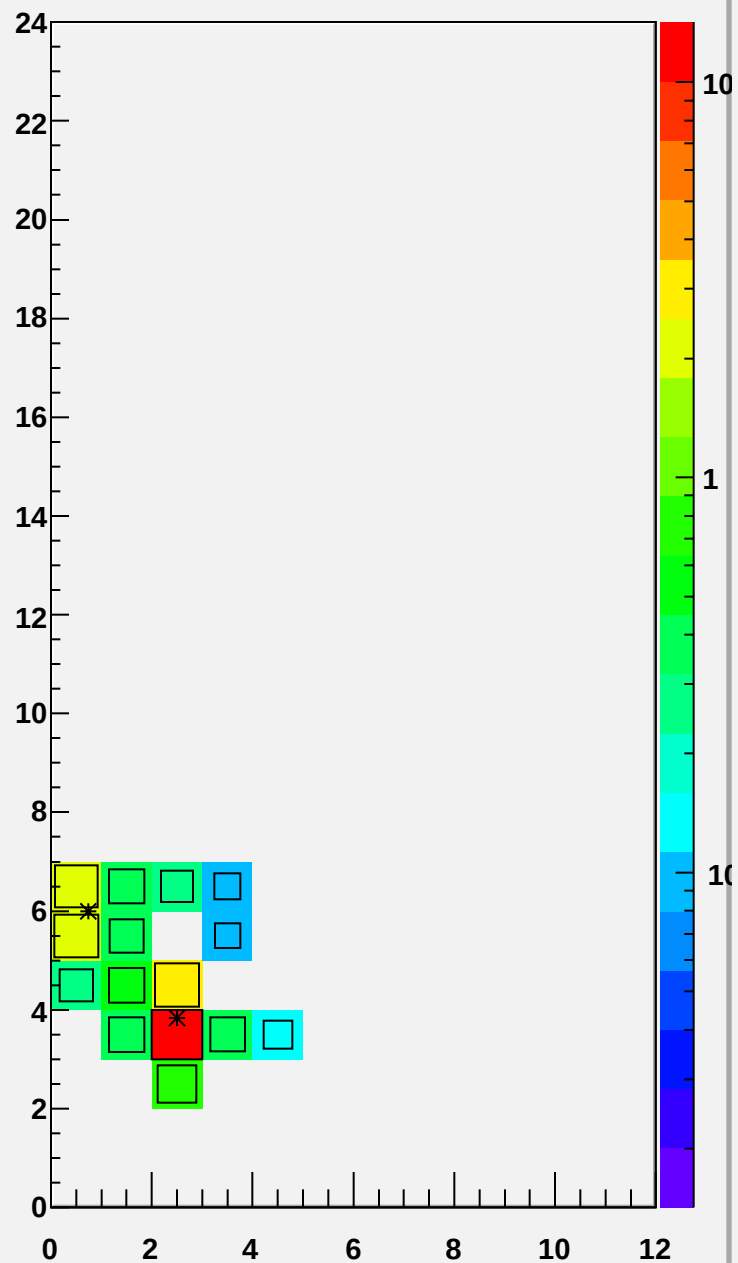
Mean x 1.837

Mean y 4.699

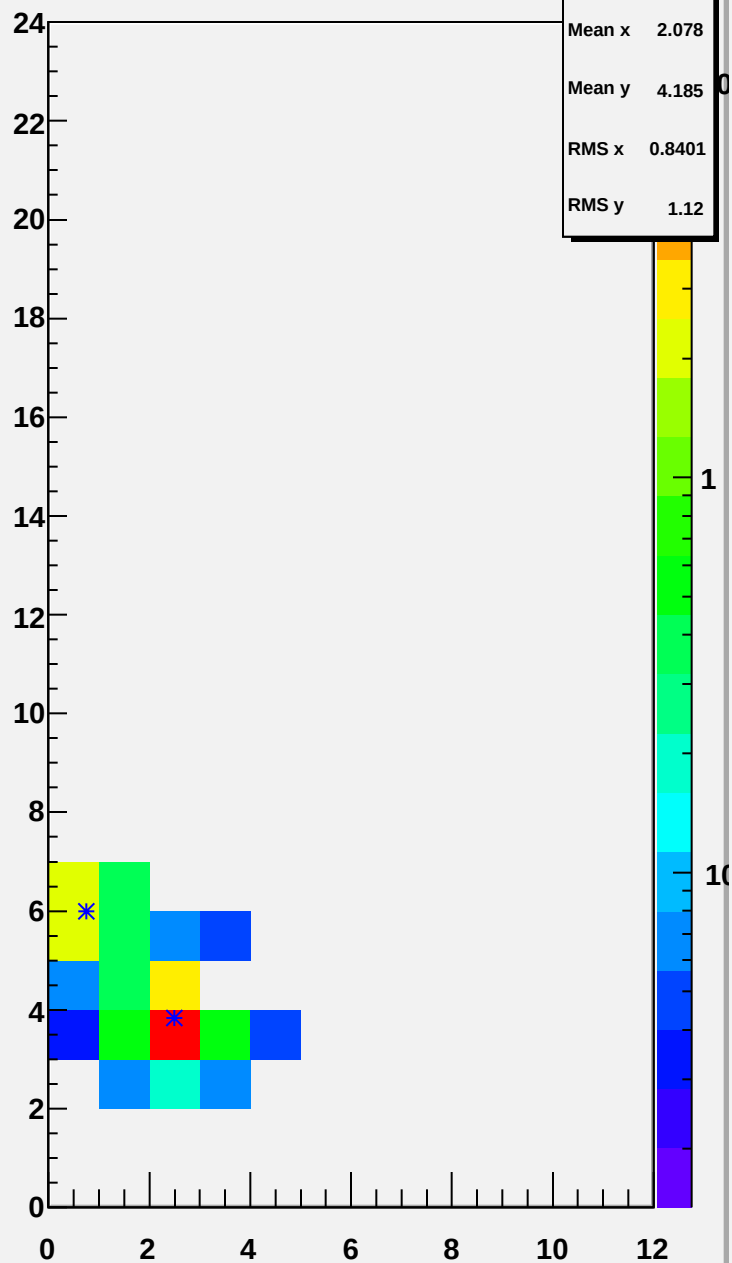
RMS x 0.654

RMS y 1.151

NSTB3_r4_c3_En=25.4_m0=0.164 m1=0.164 index=1256



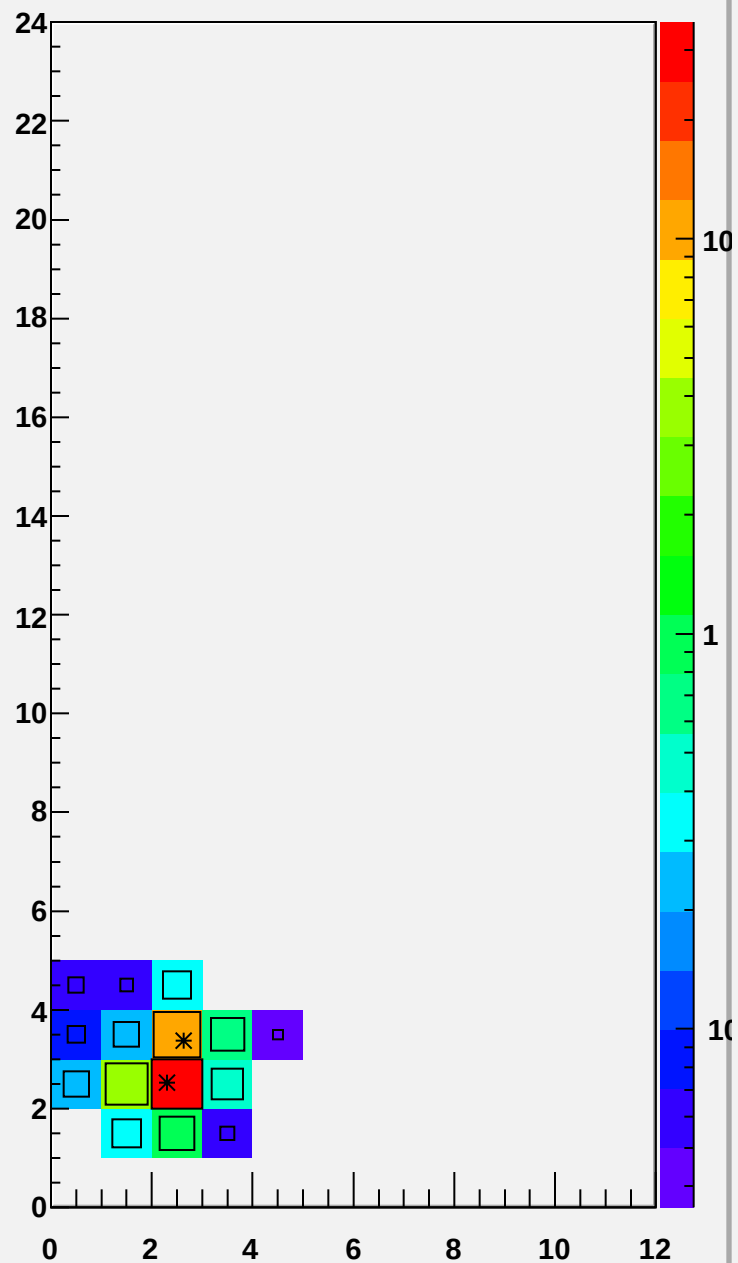
Fitted Energies



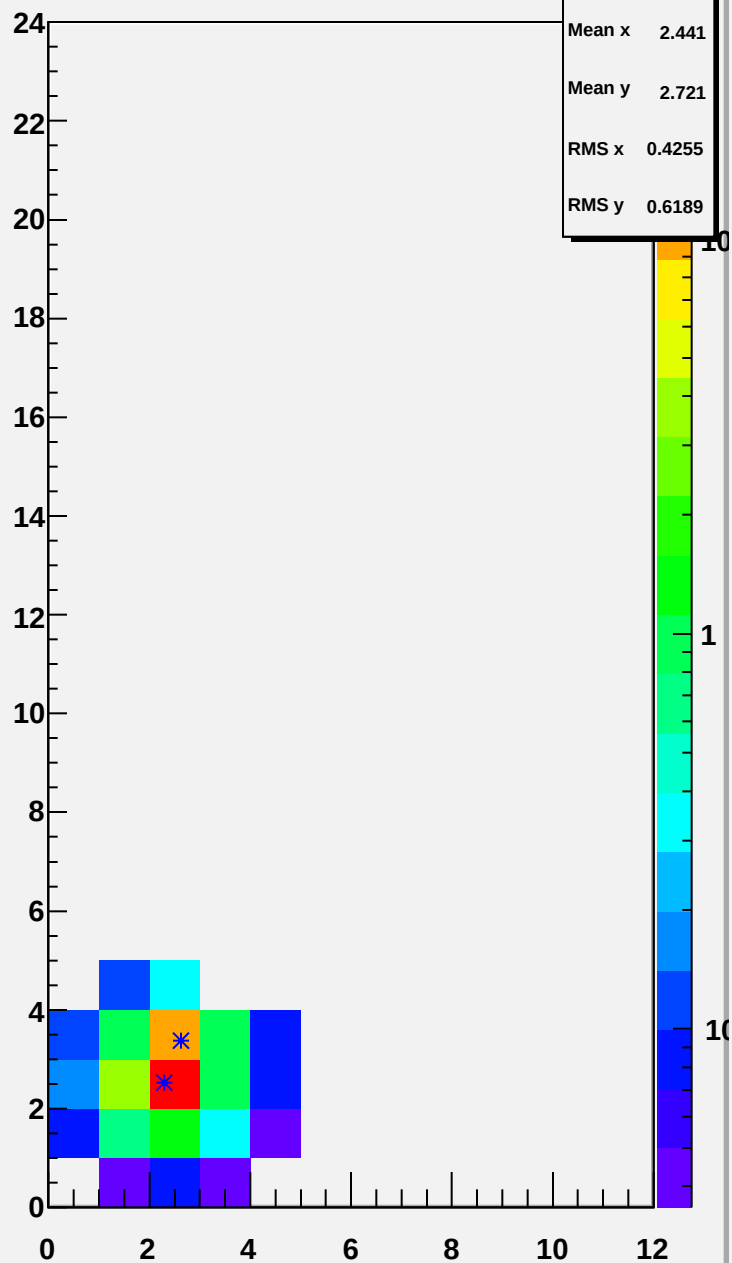
Efit

Entries	288
Mean x	2.078
Mean y	4.185
RMS x	0.8401
RMS y	1.12

NSTB3_r4_c3_En=55.0_m0=0.114 m1=0.114 index=1257



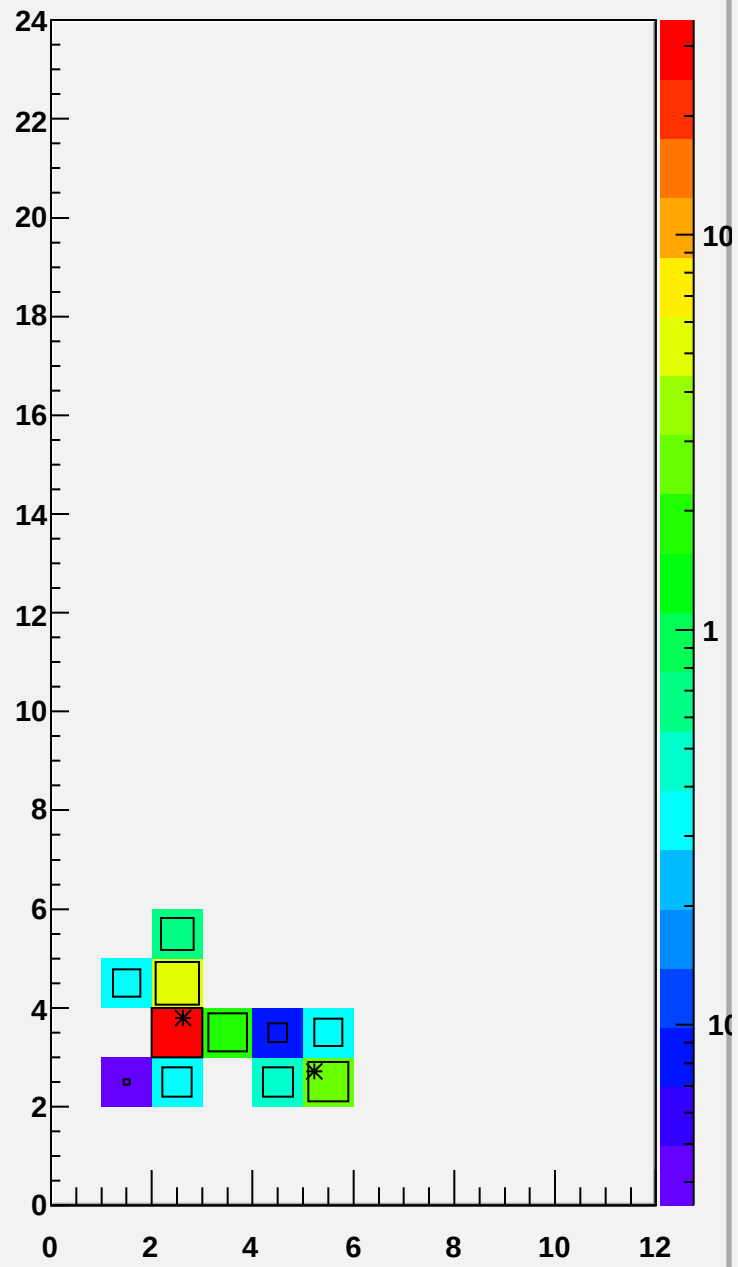
Fitted Energies



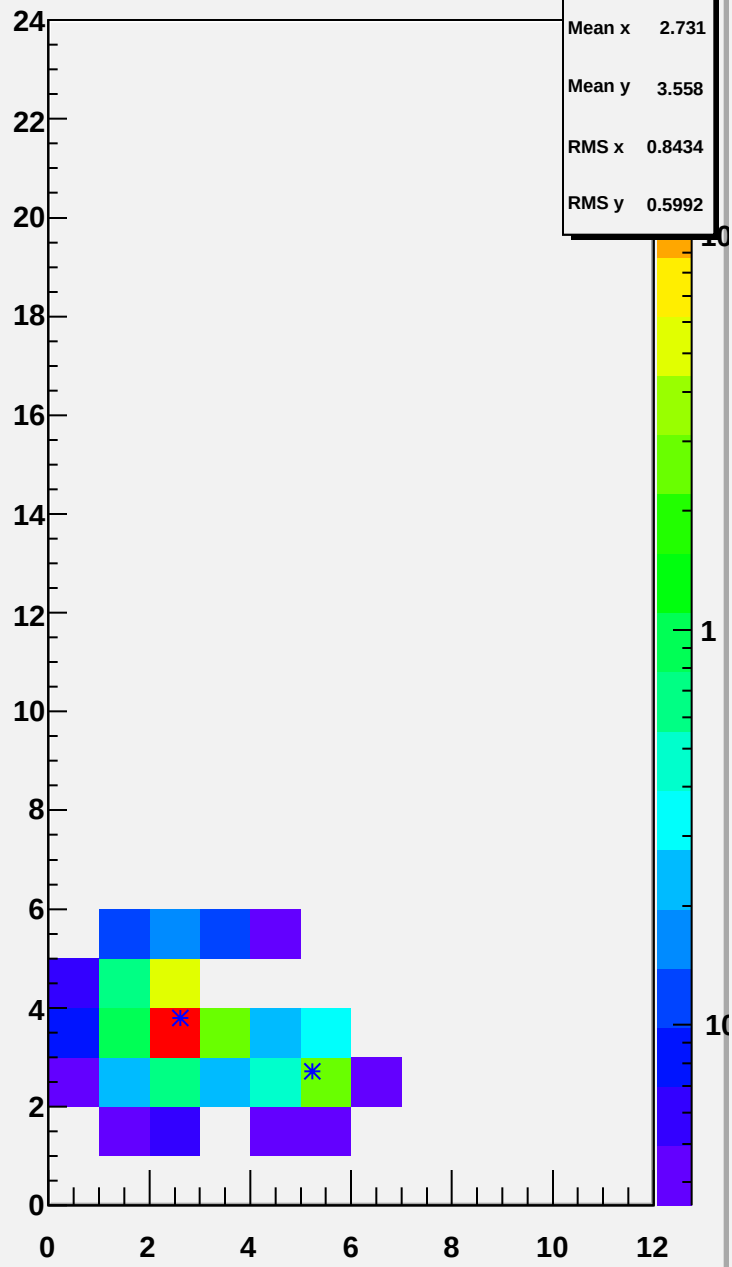
Efit

Entries	288
Mean x	2.441
Mean y	2.721
RMS x	0.4255
RMS y	0.6189

NSTB3_r4_c3_En=47.6_m0=0.208 m1=0.208 index=1259



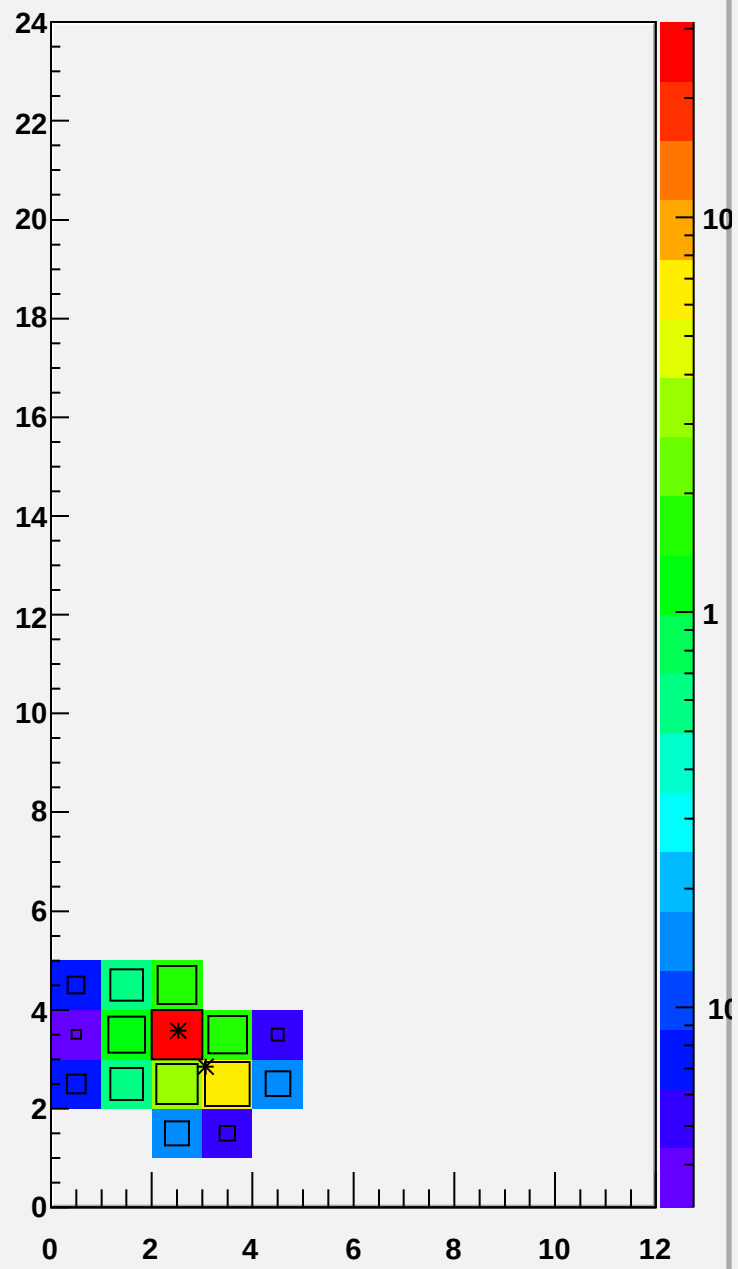
Fitted Energies



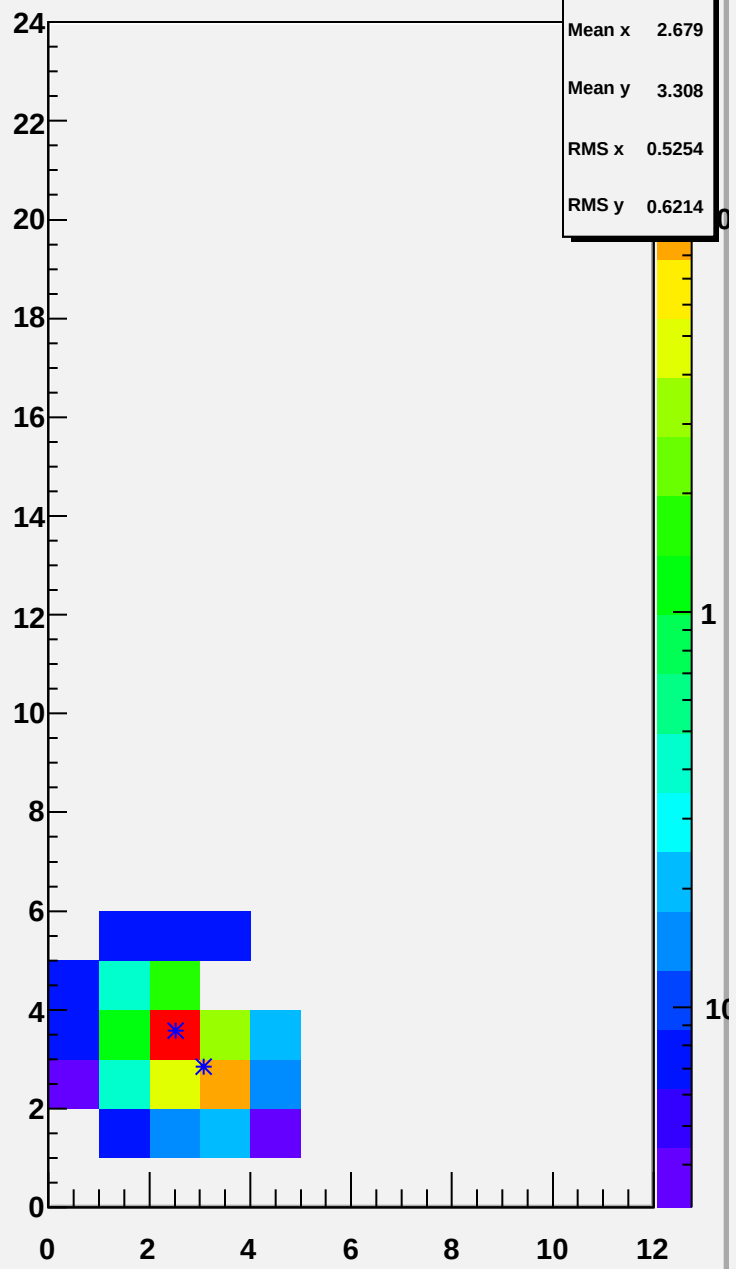
Efit

Entries	288
Mean x	2.731
Mean y	3.558
RMS x	0.8434
RMS y	0.5992

NSTB3_r4_c3_En=48.4_m0=0.116 m1=0.117 index=1260



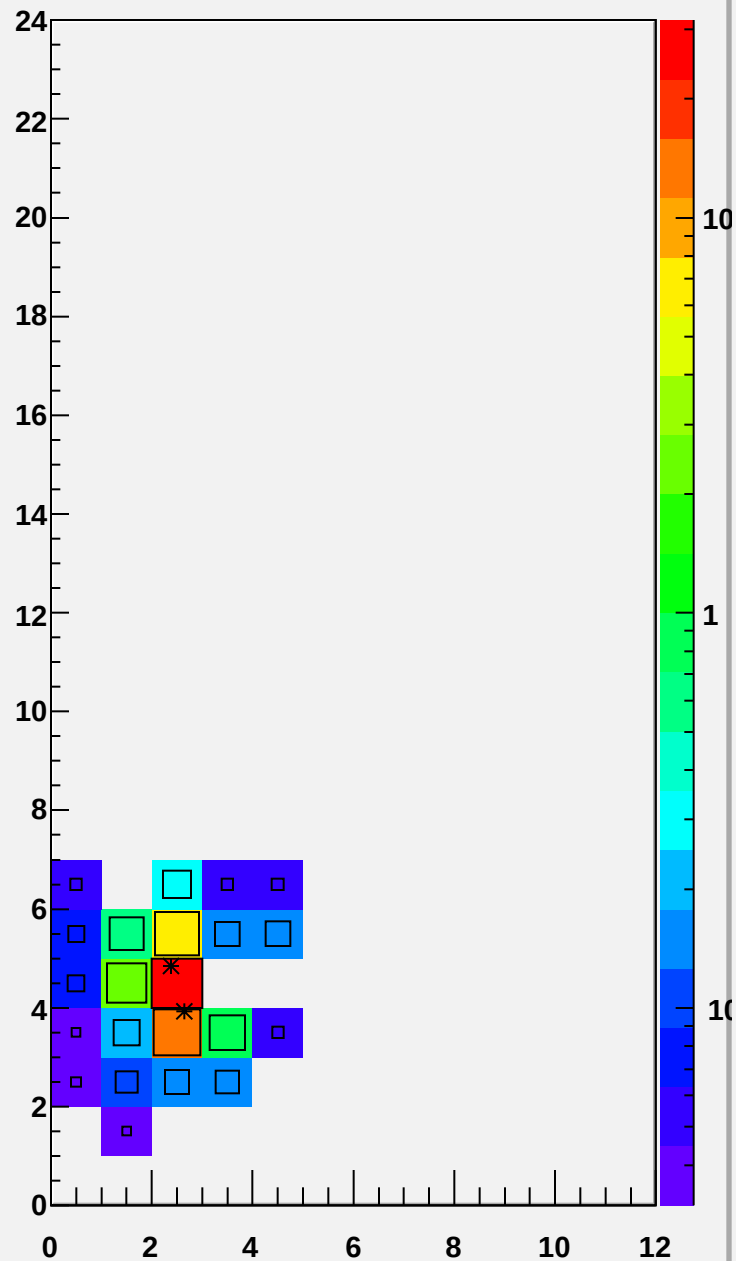
Fitted Energies



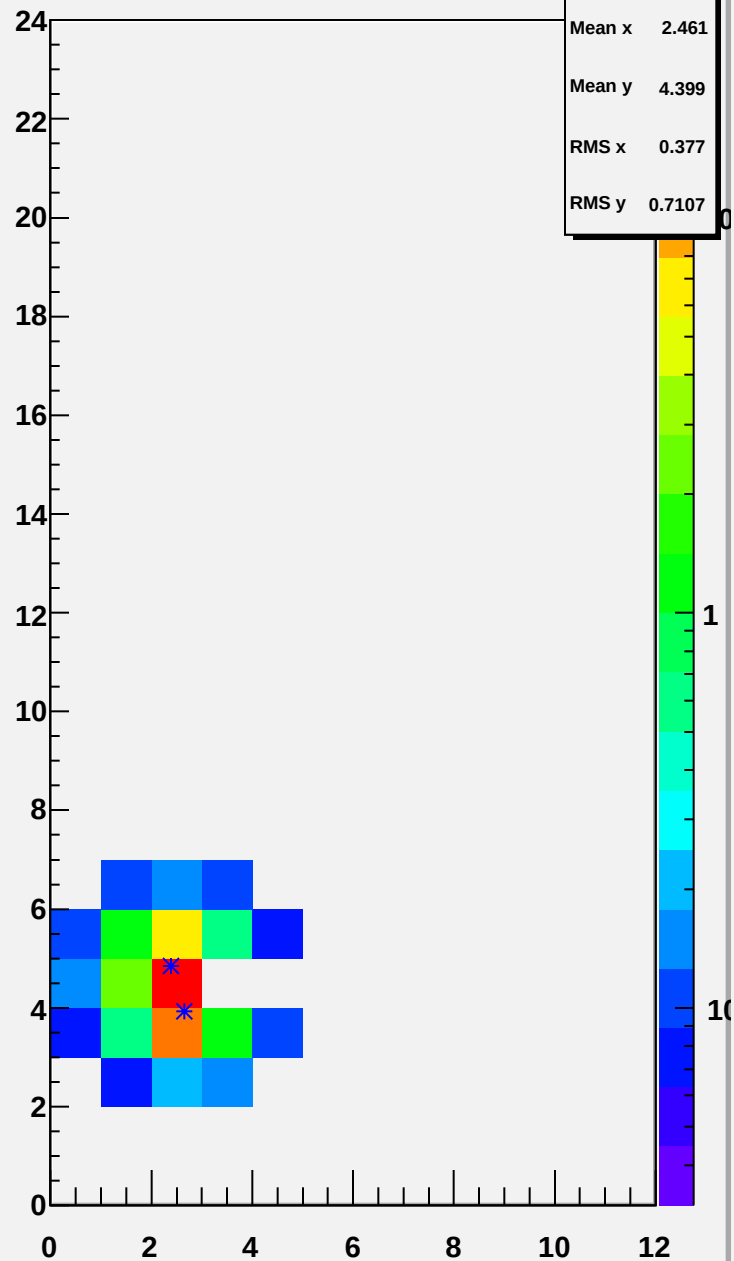
Efit

Entries	288
Mean x	2.679
Mean y	3.308
RMS x	0.5254
RMS y	0.6214

NSTB3_r4_c3_En=56.6_m0=0.145_m1=0.146_index=1261



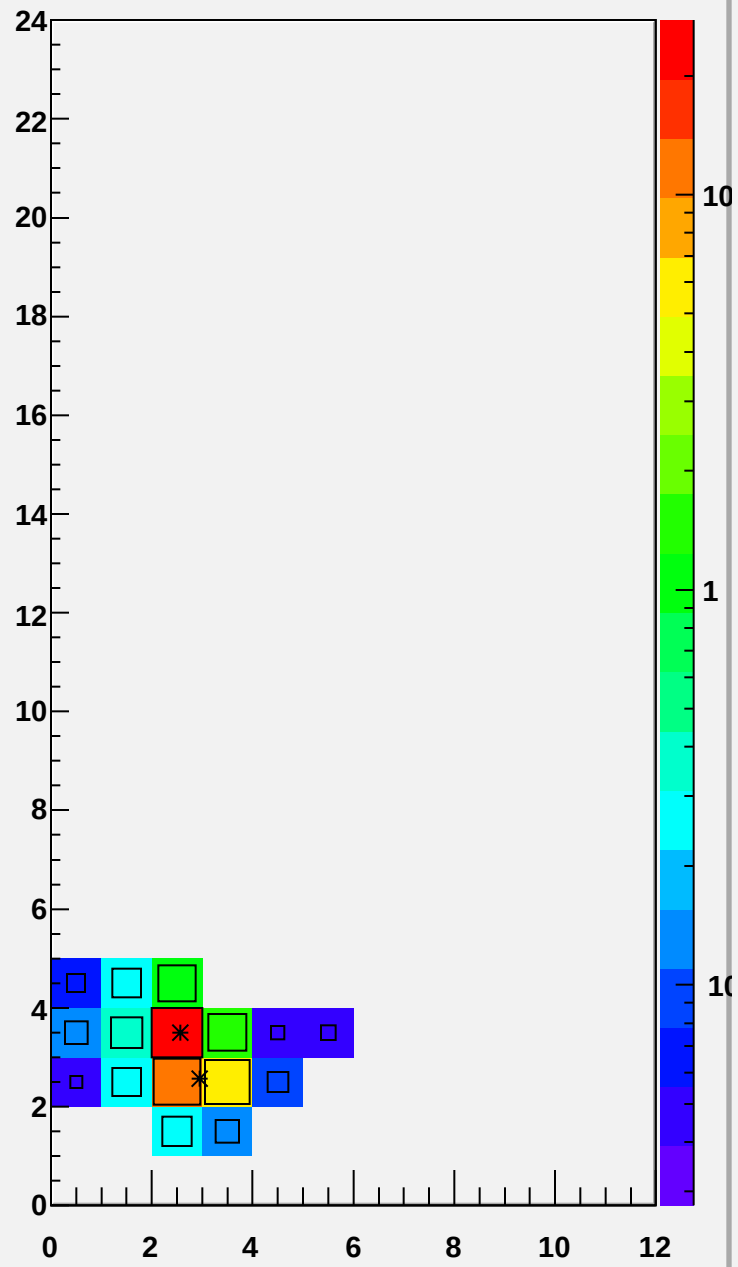
Fitted Energies



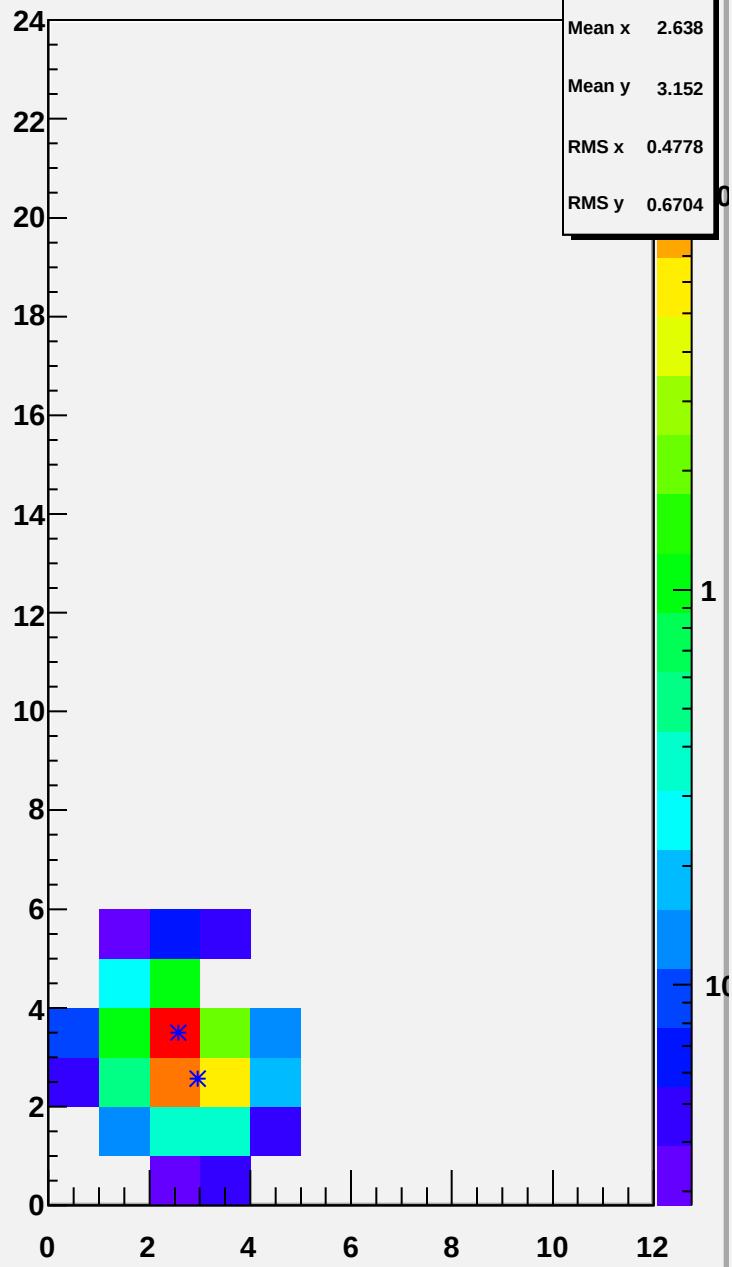
Efit

Entries	288
Mean x	2.461
Mean y	4.399
RMS x	0.377
RMS y	0.7107

NSTB3_r4_c3_En=49.5_m0=0.131 m1=0.131 index=1262



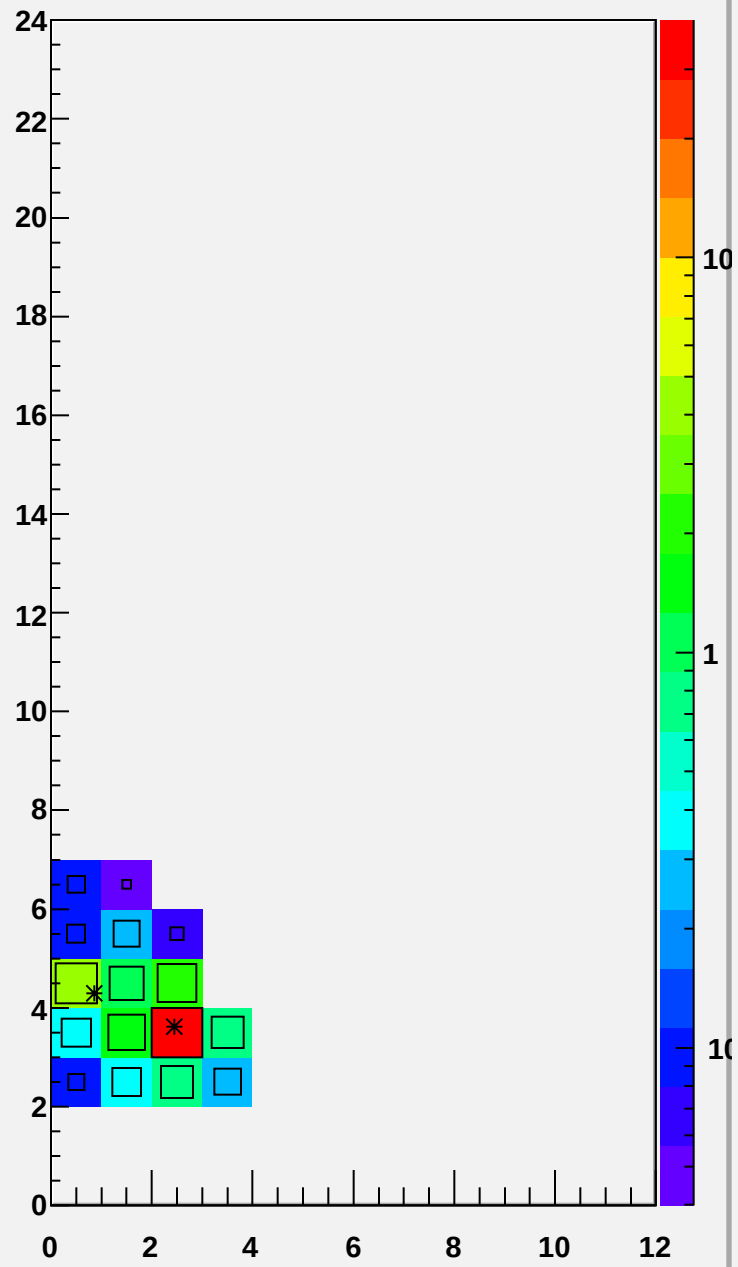
Fitted Energies



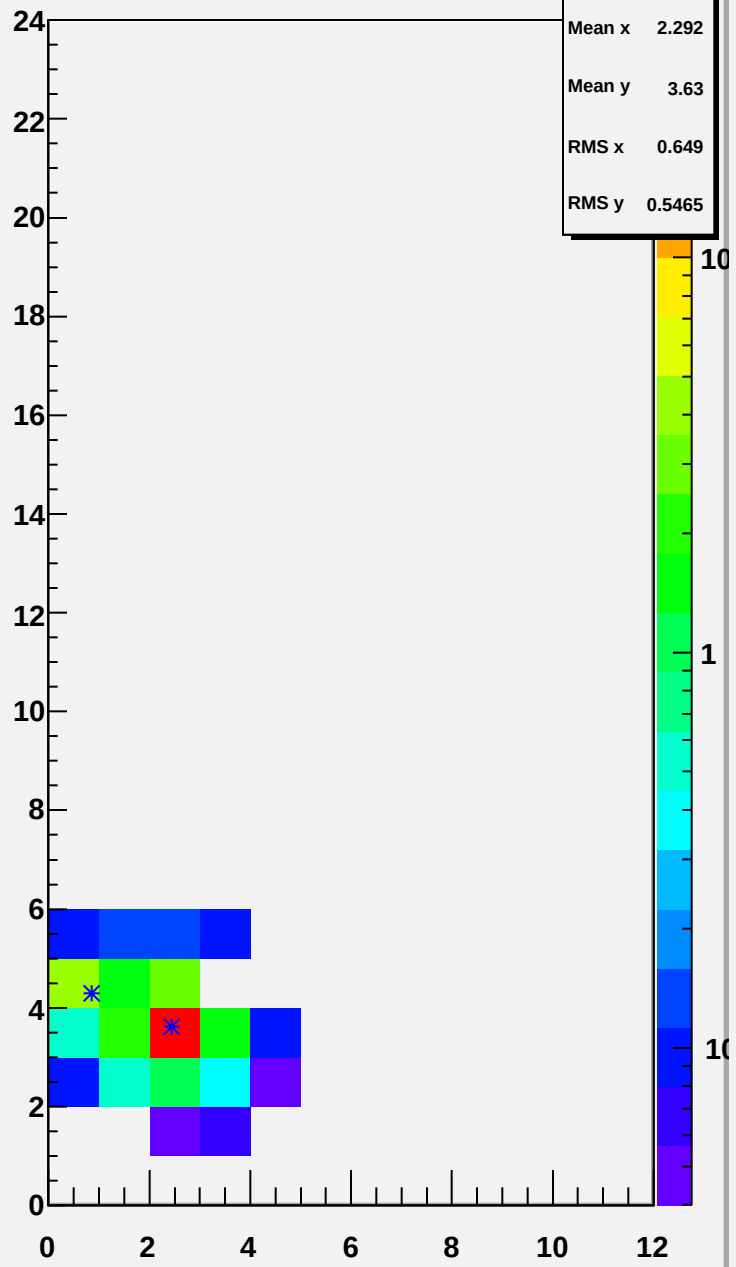
Efit

Entries	288
Mean x	2.638
Mean y	3.152
RMS x	0.4778
RMS y	0.6704

NSTB3_r4_c3_En=51.3_m0=0.156 m1=0.155 index=1263



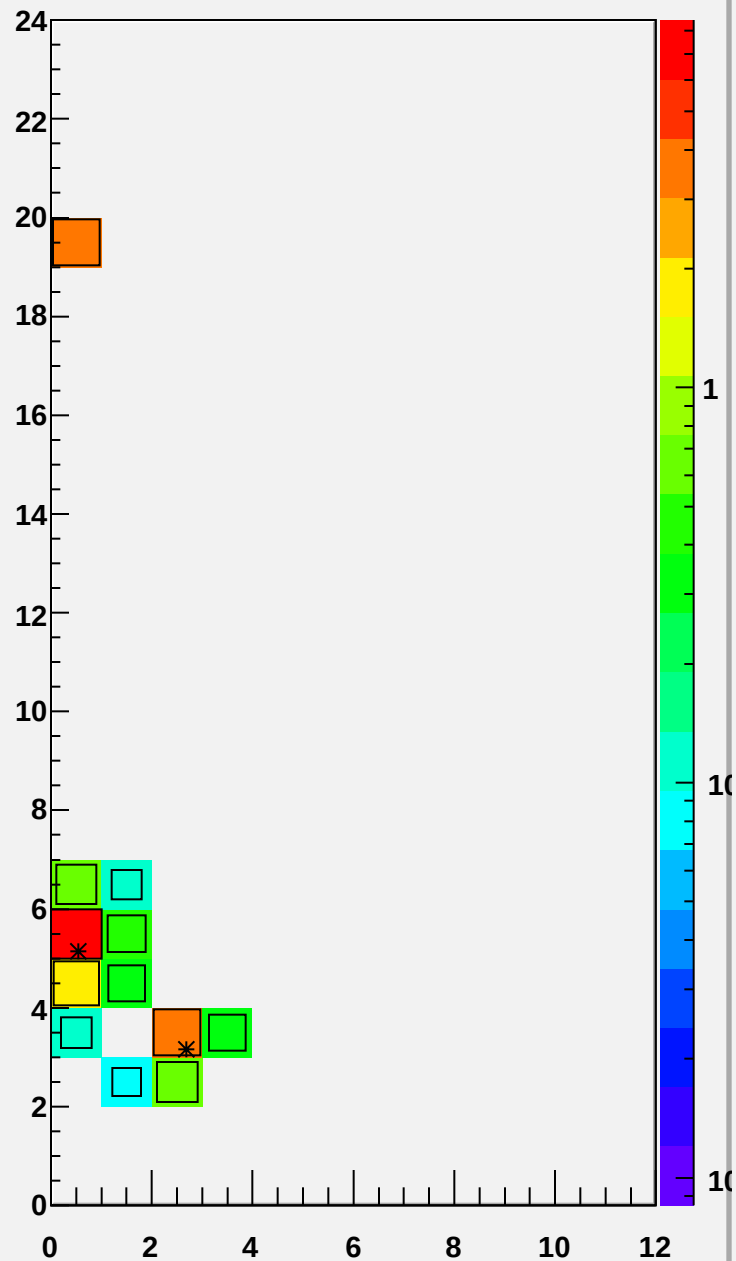
Fitted Energies



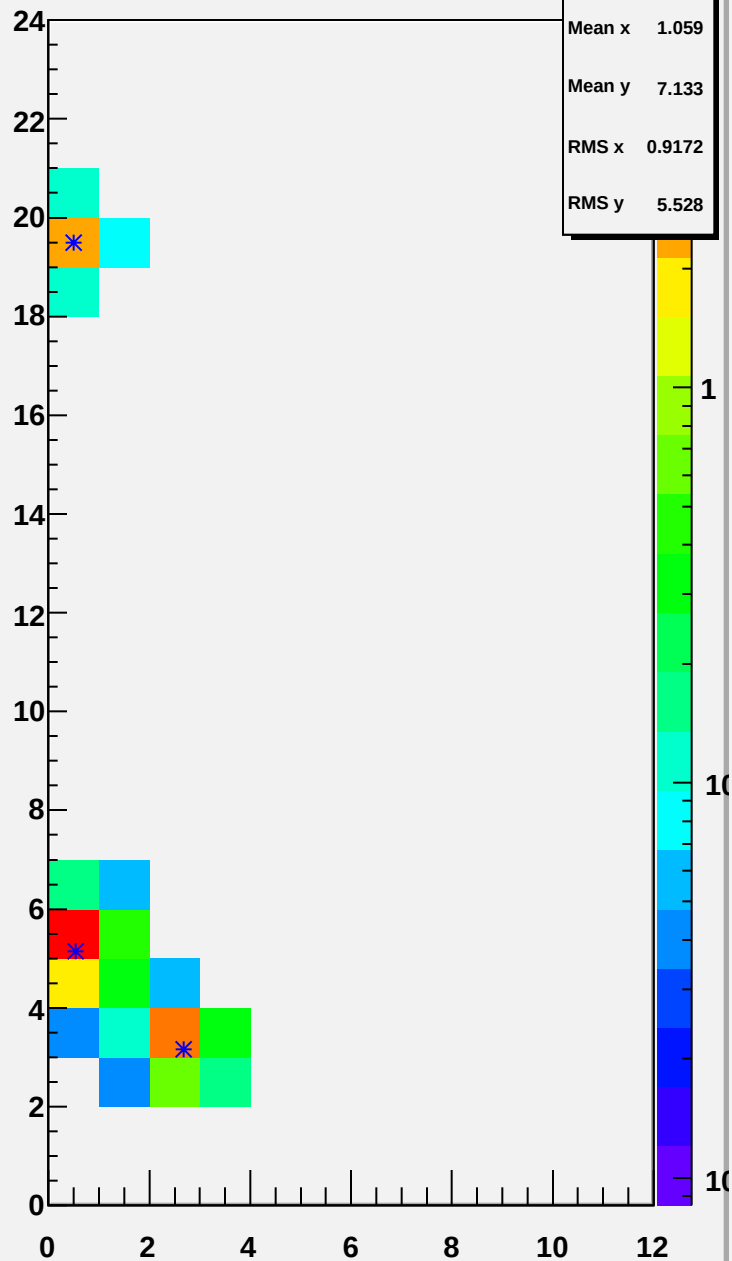
Efit

Entries	288
Mean x	2.292
Mean y	3.63
RMS x	0.649
RMS y	0.5465

NSTB3_r4_c3_En=20.1_m0=0.125_m1=0.125_index=1264



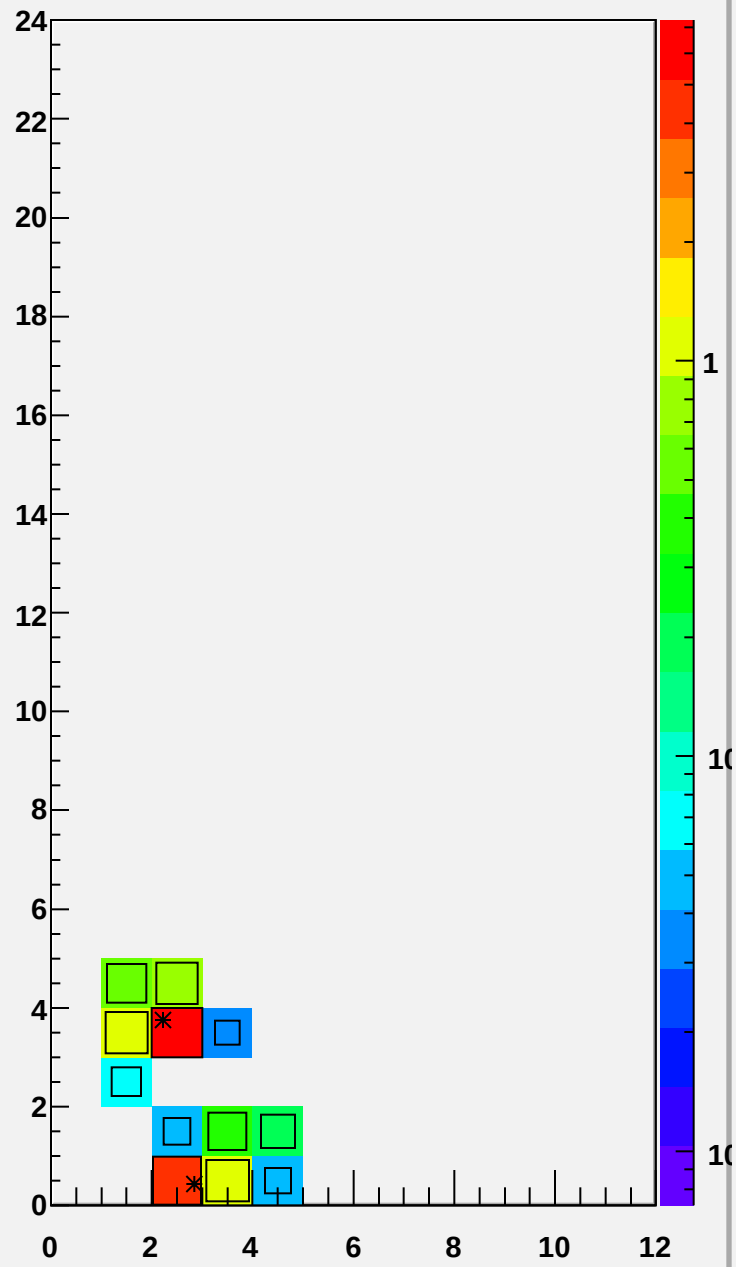
Fitted Energies



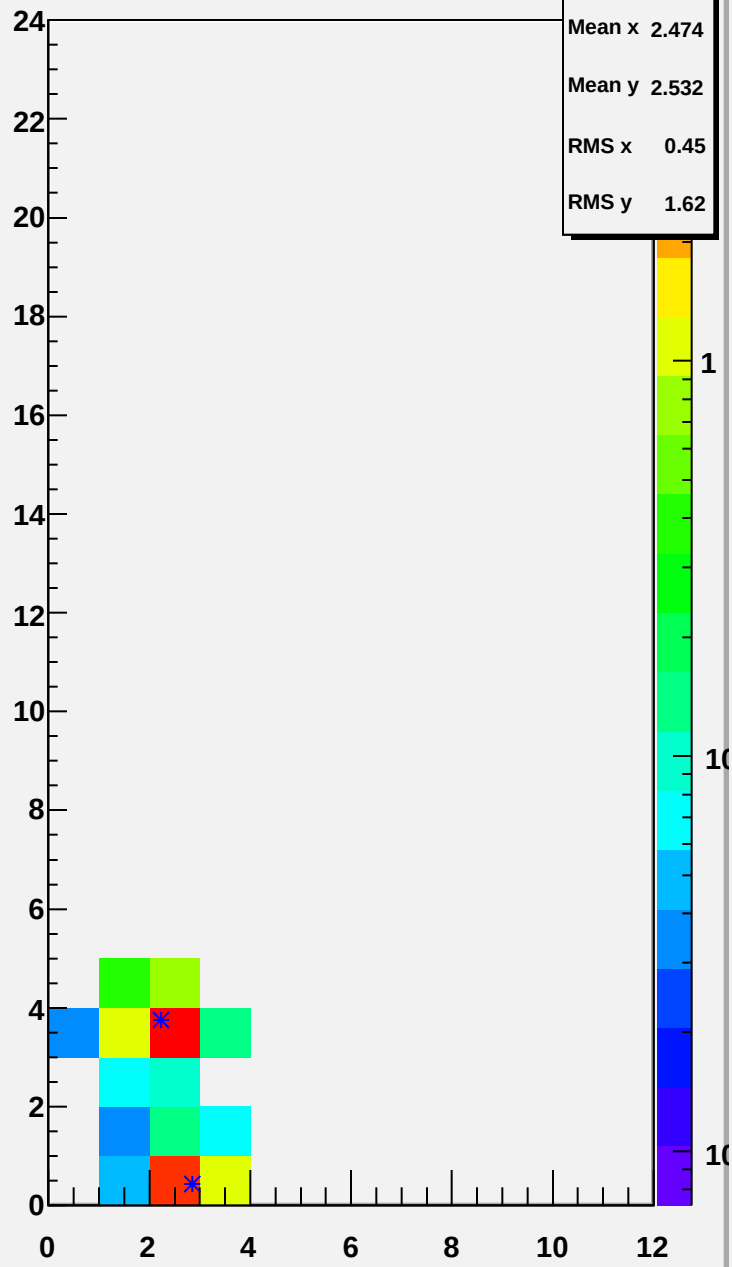
Efit

Entries	288
Mean x	1.059
Mean y	7.133
RMS x	0.9172
RMS y	5.528

NSTB3_r4_c3_En=15.7_m0=0.146 m1=0.146 index=1265



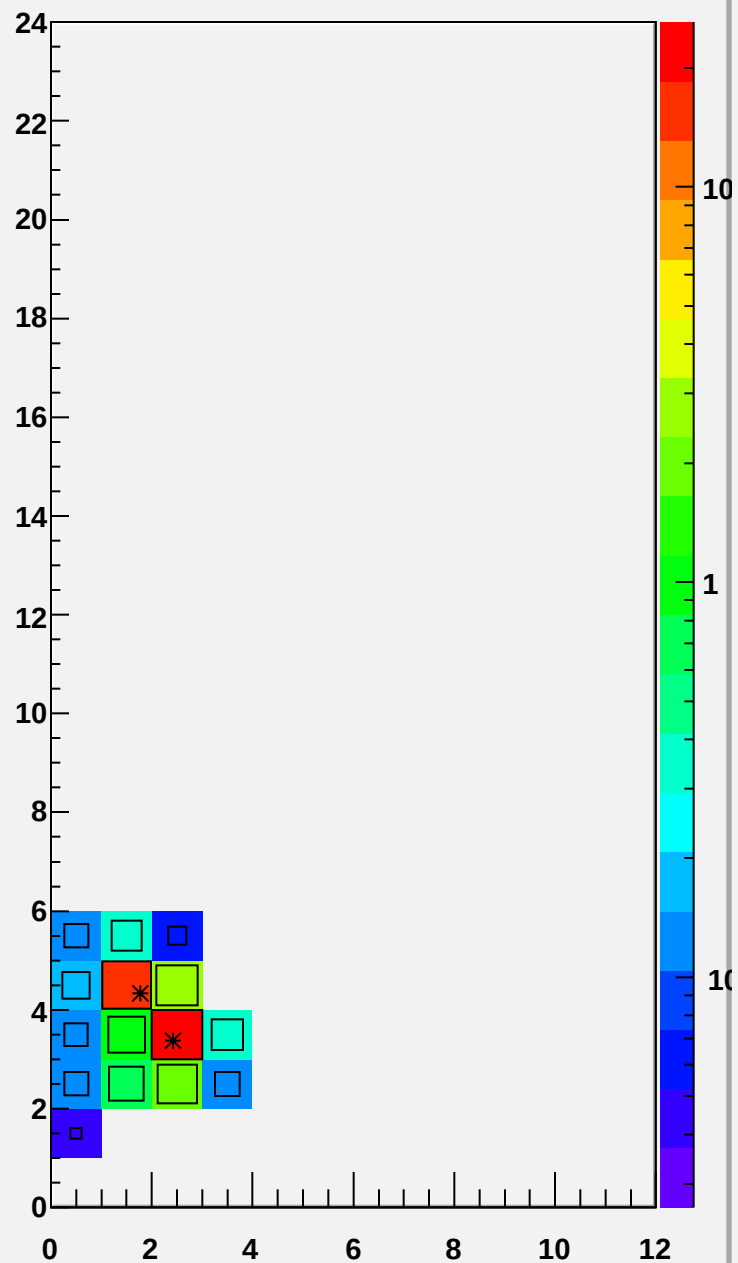
Fitted Energies



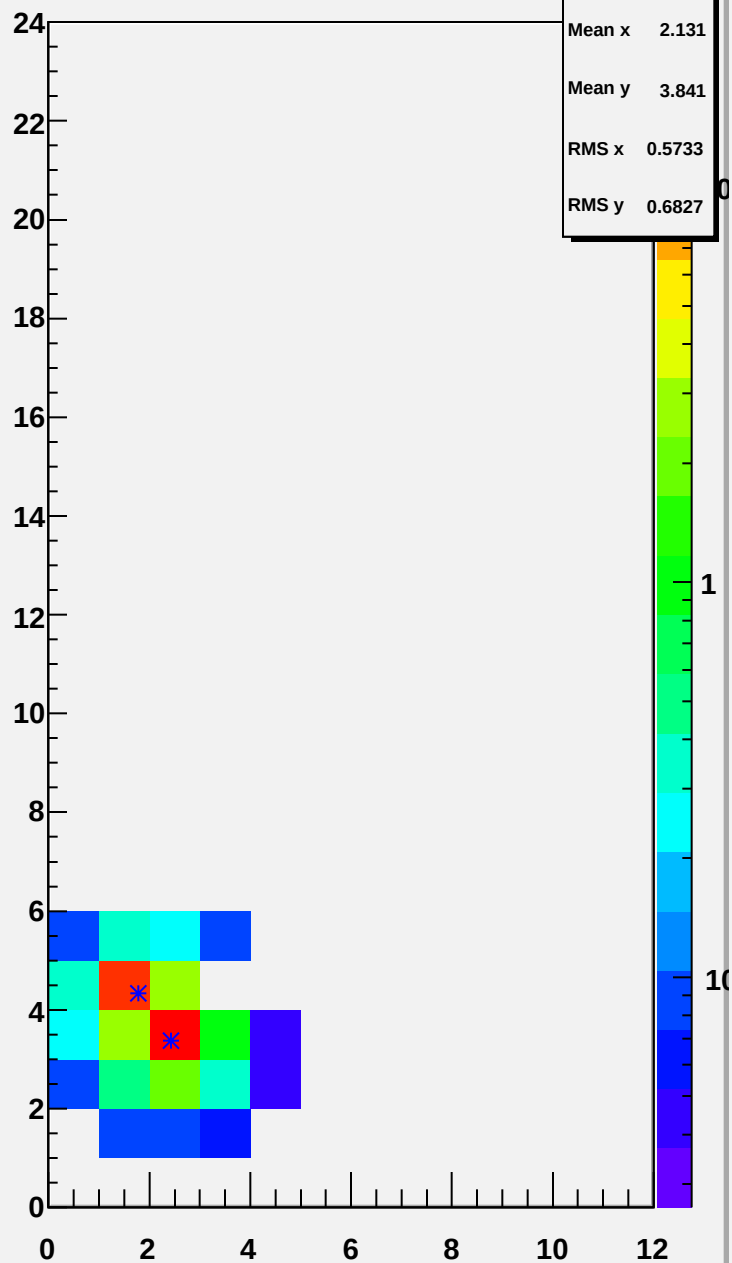
Efit

Entries 288
Mean x 2.474
Mean y 2.532
RMS x 0.45
RMS y 1.62

NSTB3_r4_c3_En=49.8_m0=0.166 m1=0.166 index=1266



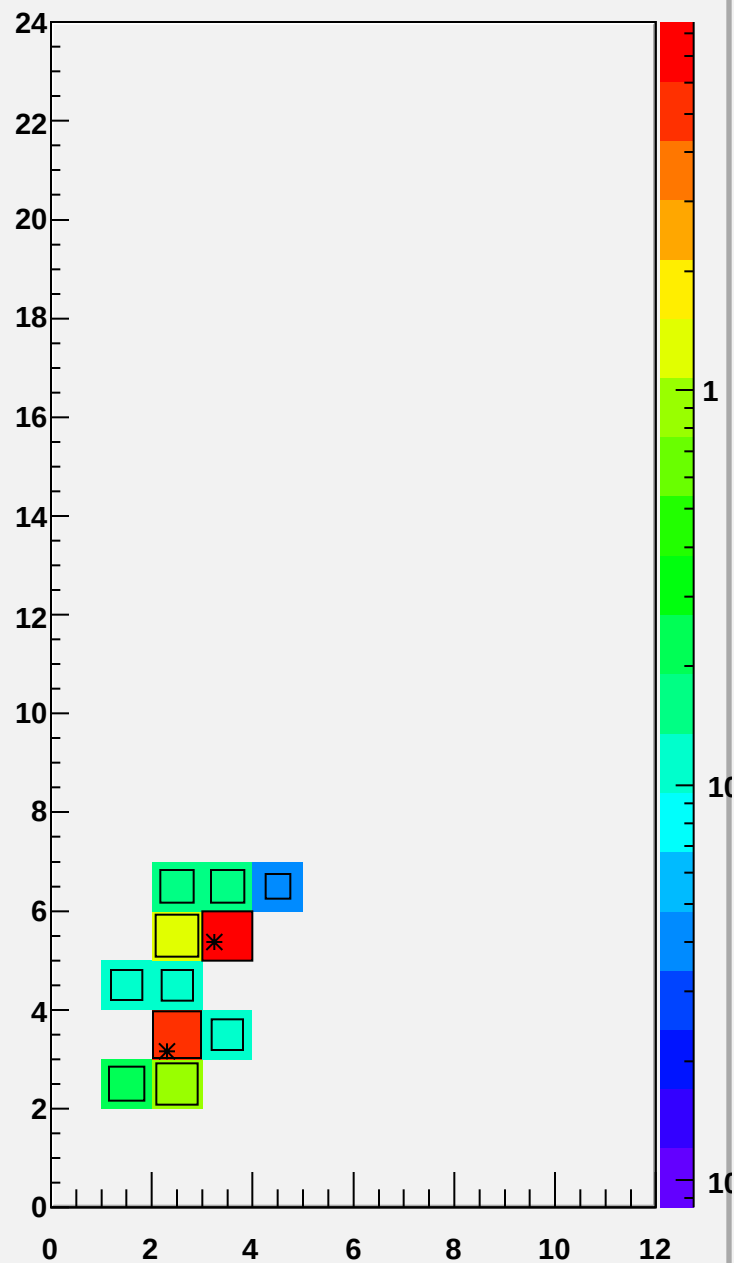
Fitted Energies



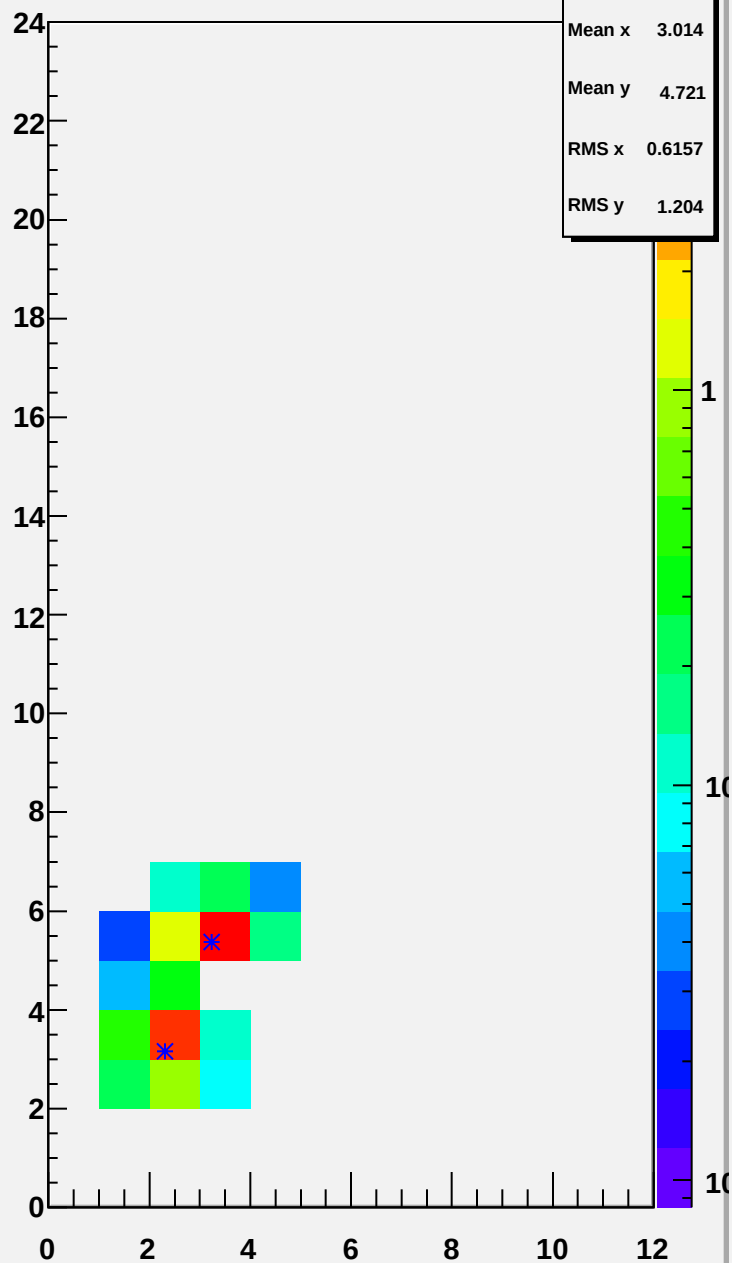
Efit

Entries	288
Mean x	2.131
Mean y	3.841
RMS x	0.5733
RMS y	0.6827

NSTB3_r4_c3_En=16.0_m0=0.112 m1=0.112 index=1267



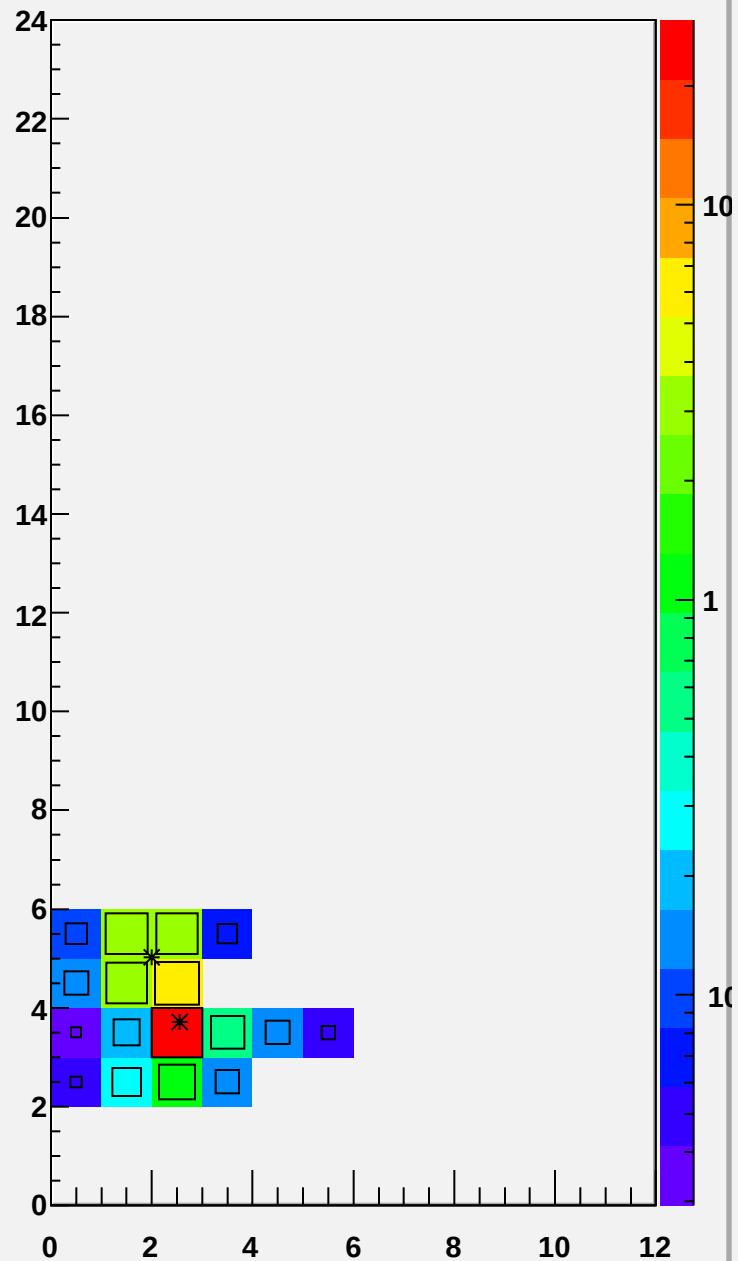
Fitted Energies



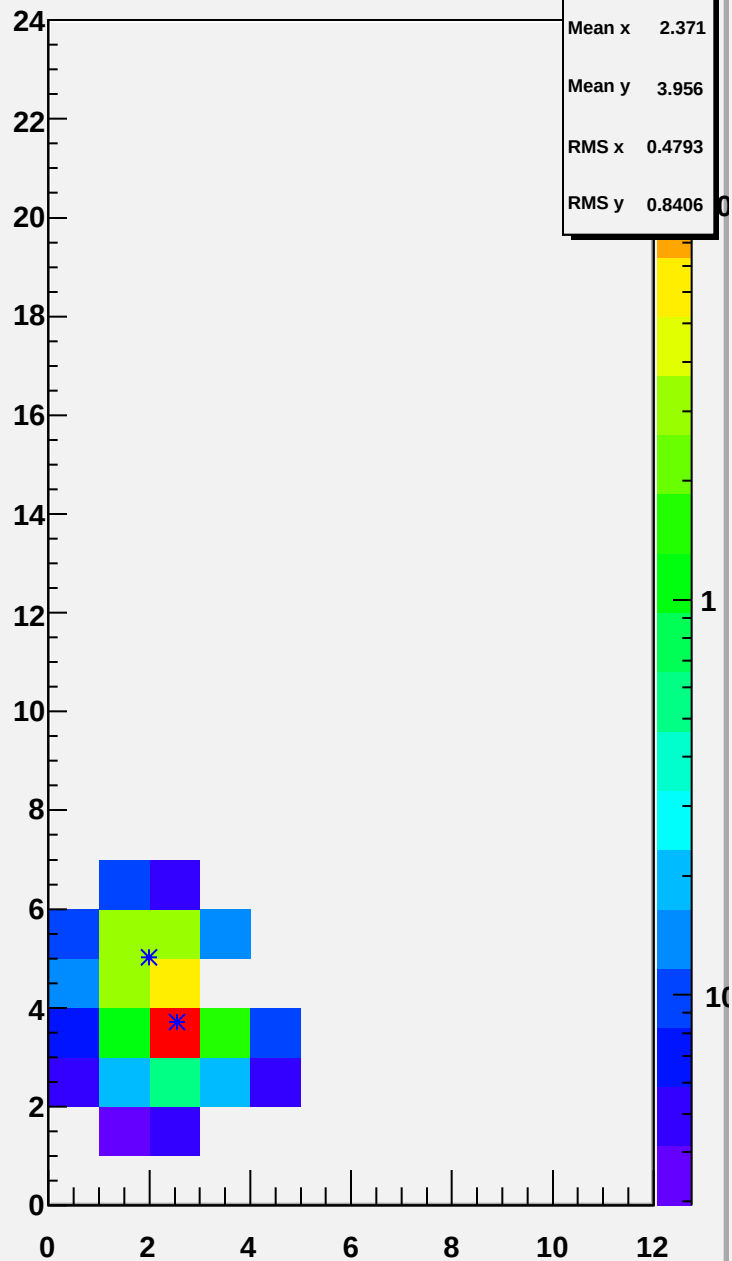
Efit

Entries	288
Mean x	3.014
Mean y	4.721
RMS x	0.6157
RMS y	1.204

NSTB3_r4_c3_En=46.9_m0=0.161 m1=0.161 index=1268



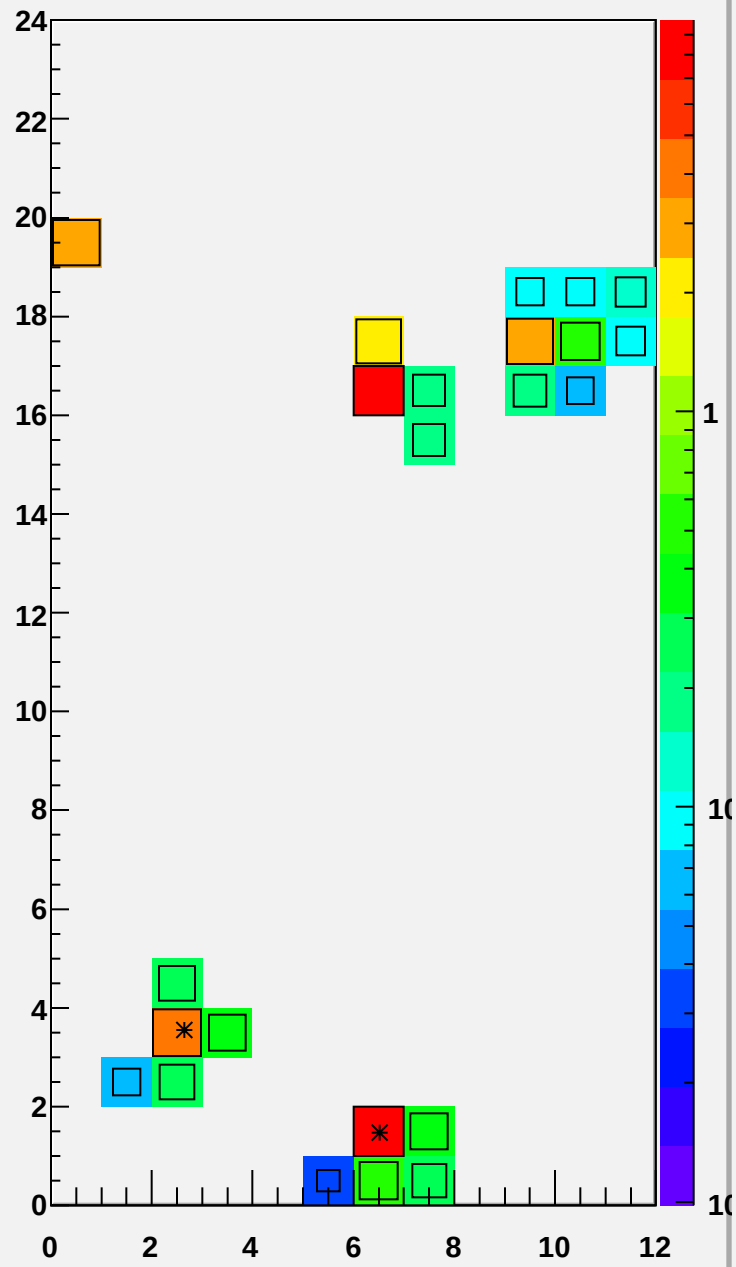
Fitted Energies



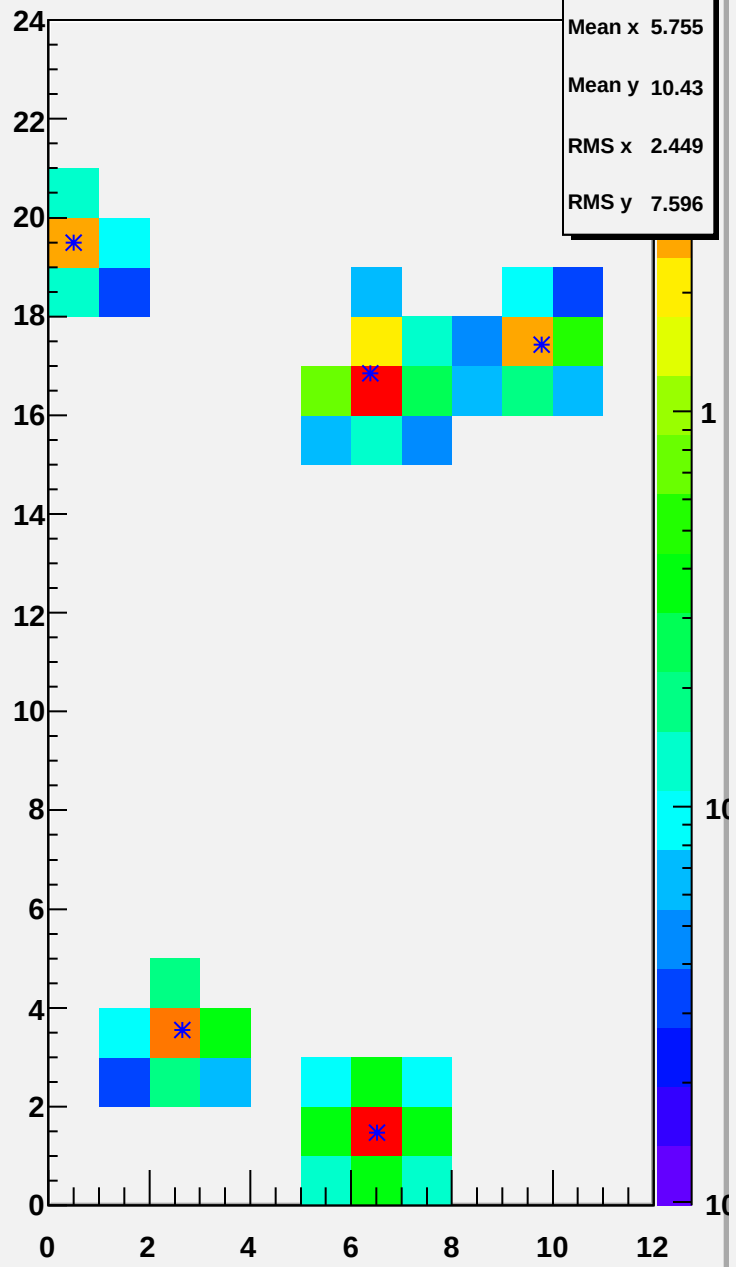
Efit

Entries	288
Mean x	2.371
Mean y	3.956
RMS x	0.4793
RMS y	0.8406

NSTB3_r4_c3_En=36.7_m0=0.199 m1=0.199 index=1269



Fitted Energies



Efit

Entries 288

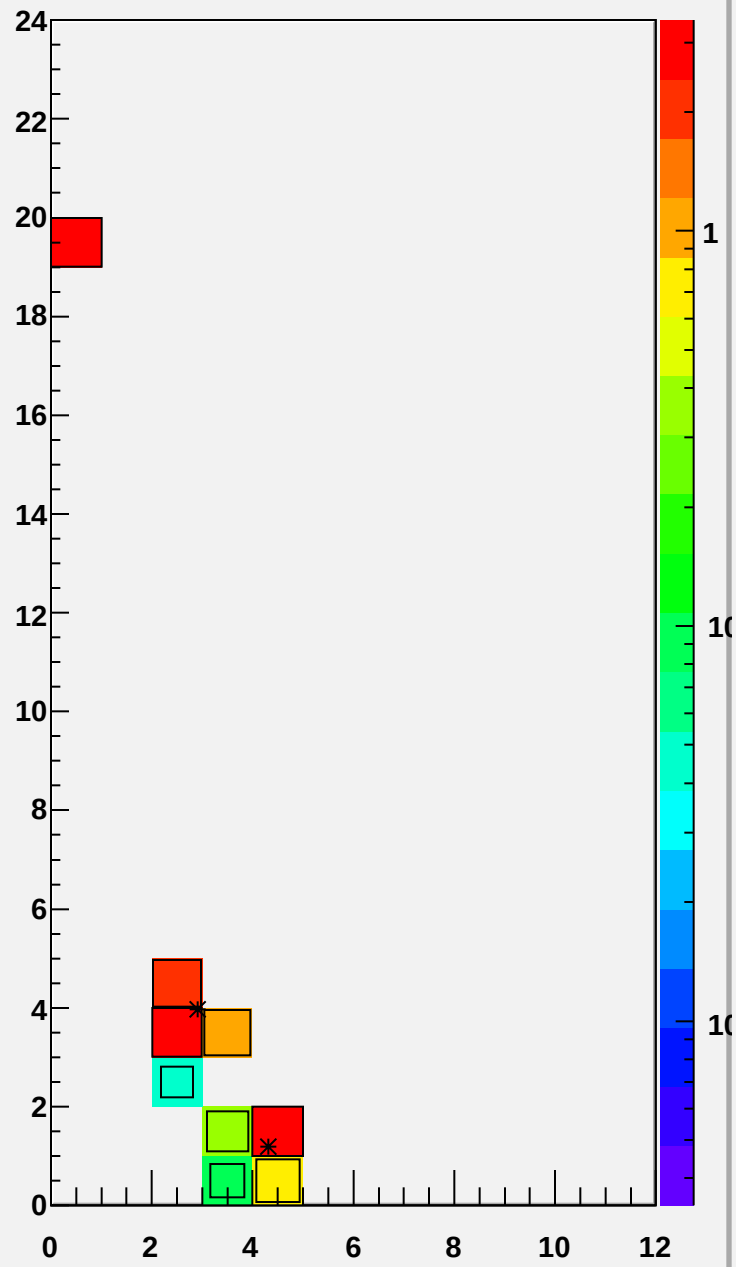
Mean x 5.755

Mean y 10.43

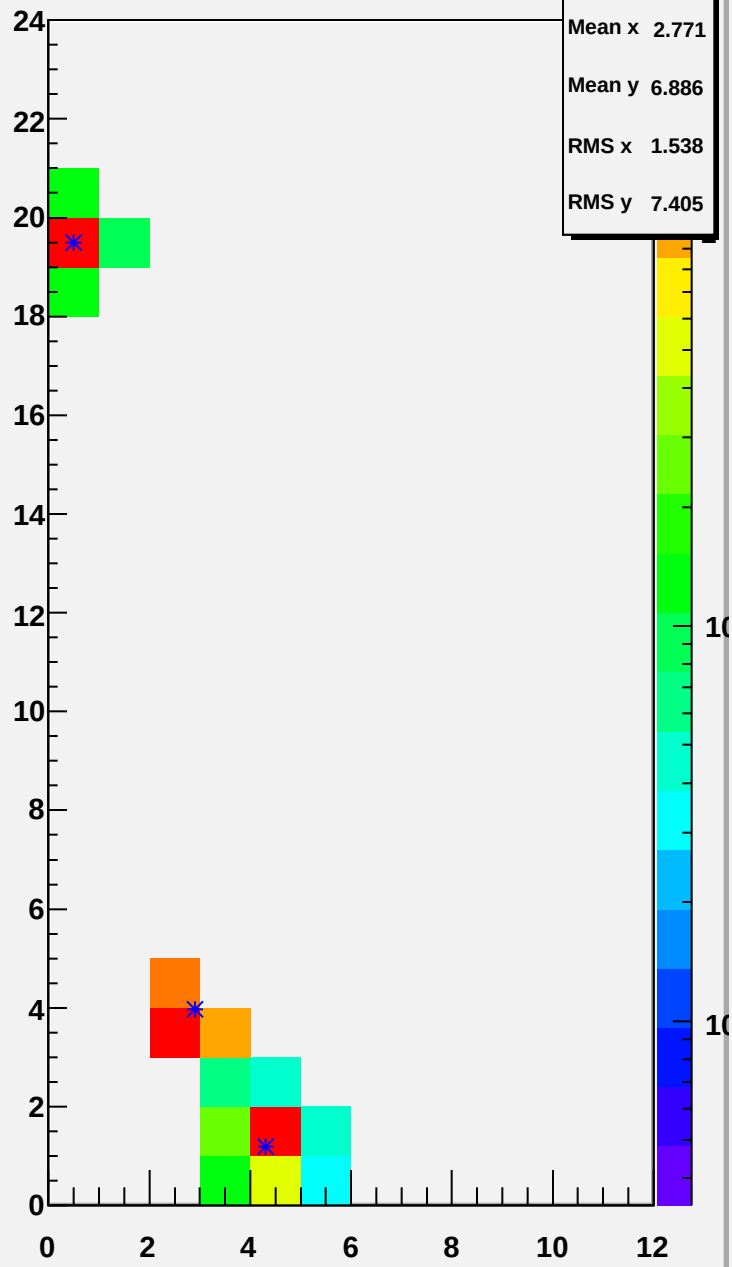
RMS x 2.449

RMS y 7.596

NSTB3_r4_c3_En=13.2_m0=0.092 m1=0.092 index=1270



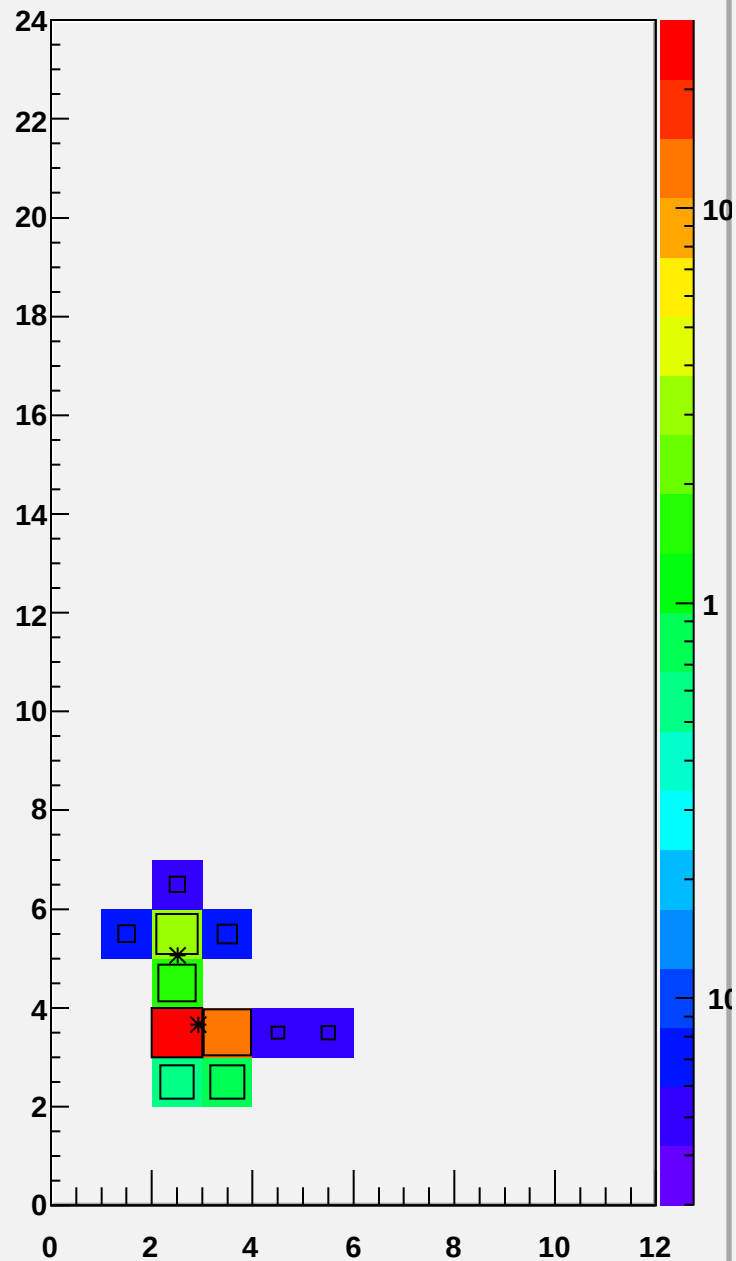
Fitted Energies



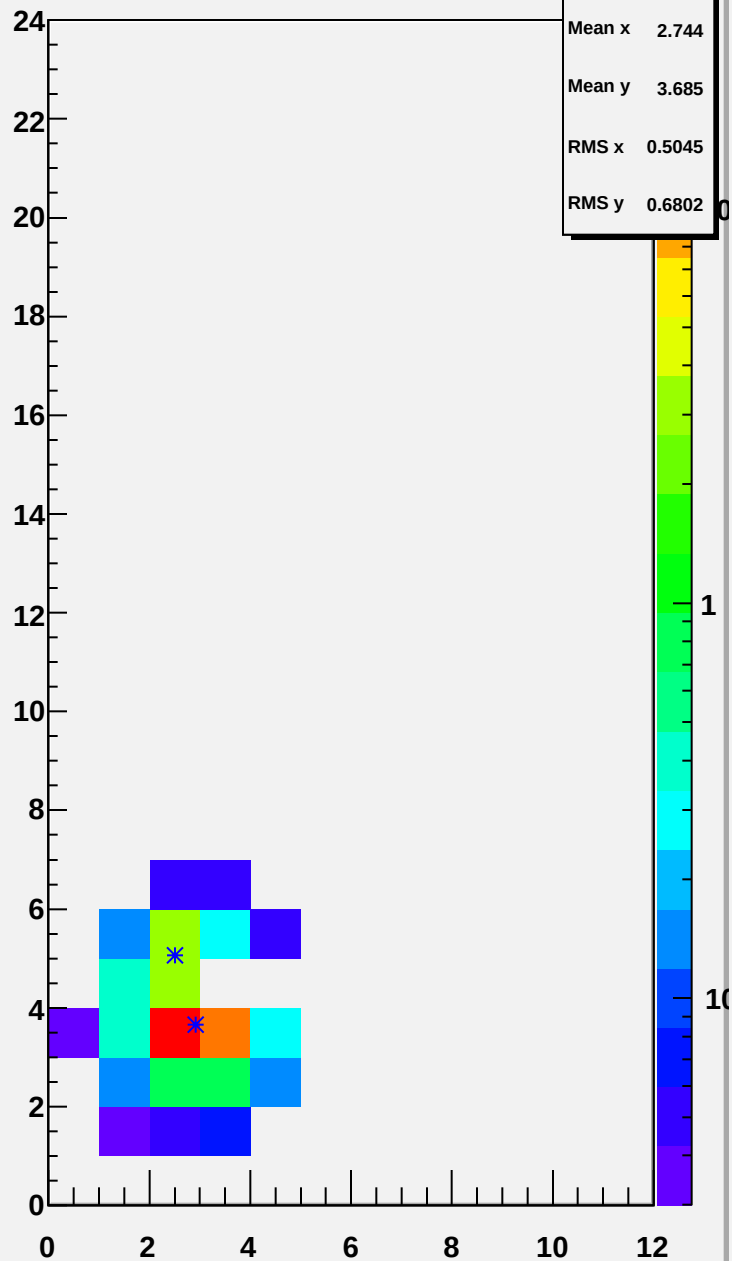
Efit

Entries 288
Mean x 2.771
Mean y 6.886
RMS x 1.538
RMS y 7.405

NSTB3_r4_c3_En=48.1_m0=0.125_m1=0.125_index=1271



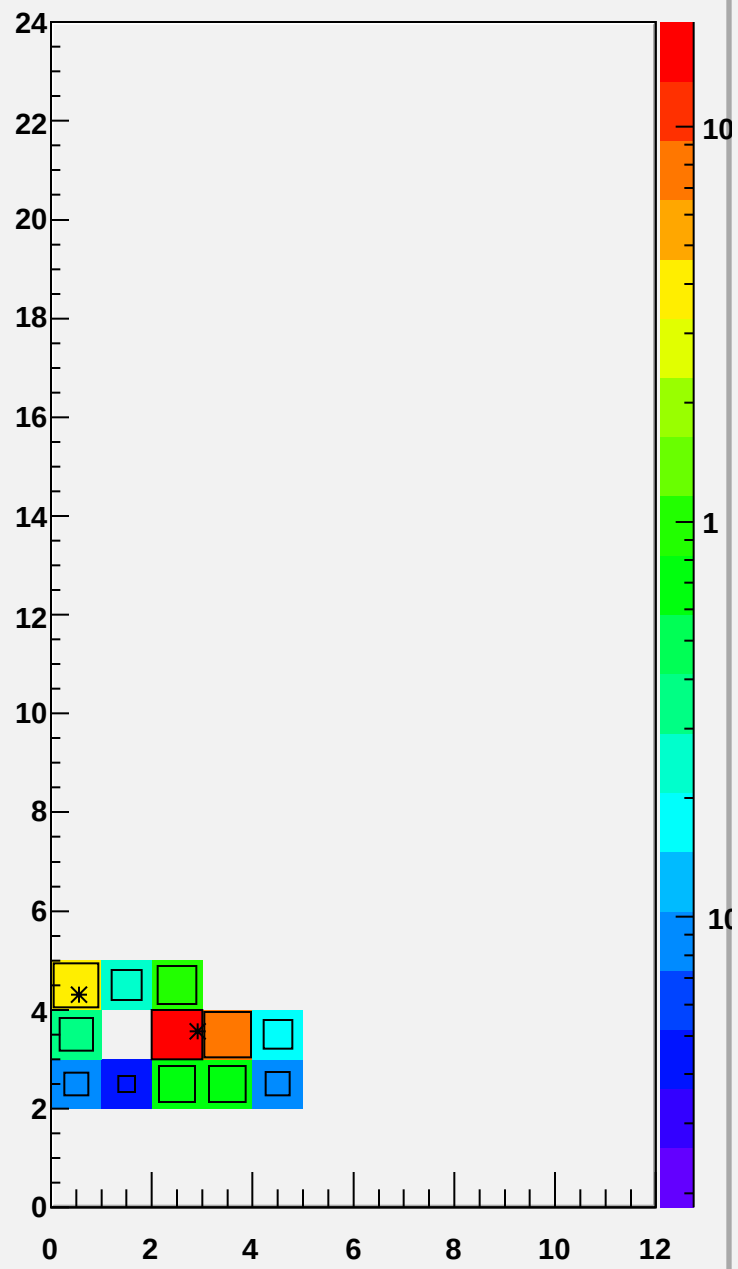
Fitted Energies



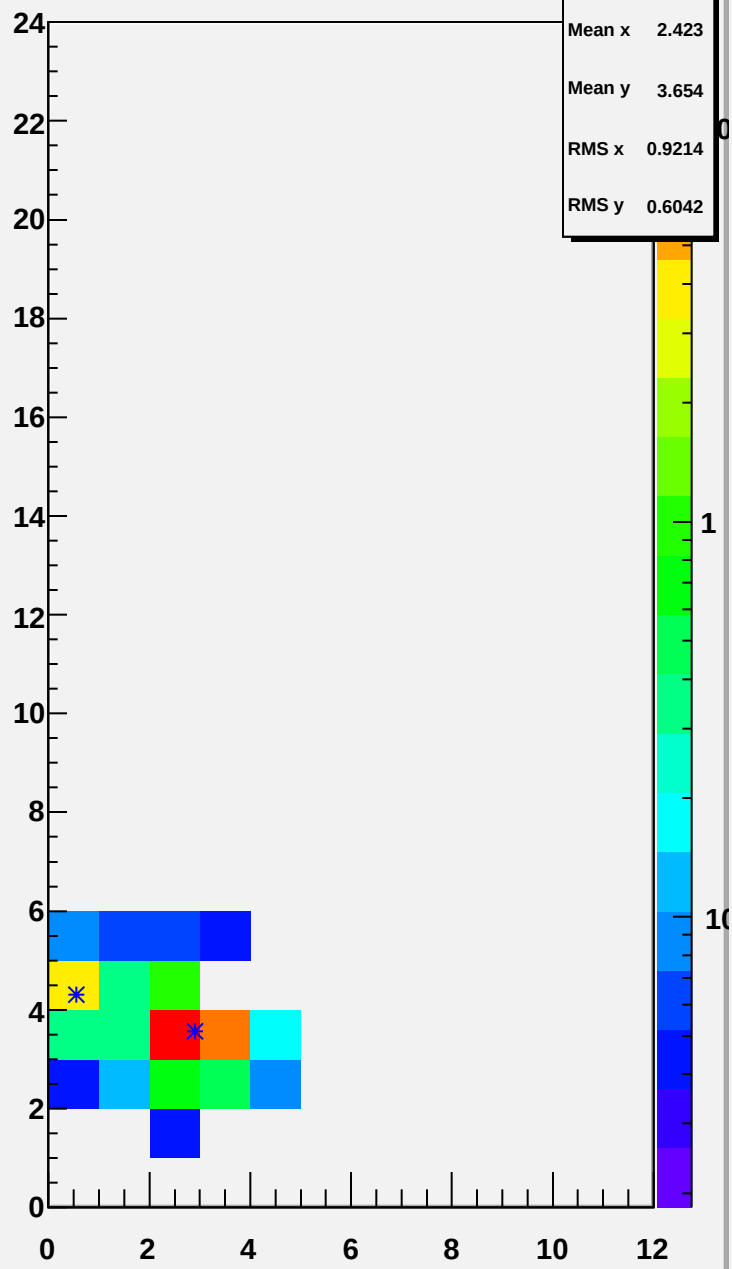
Efit

Entries	288
Mean x	2.744
Mean y	3.685
RMS x	0.5045
RMS y	0.6802

NSTB3_r4_c3_En=32.8_m0=0.167 m1=0.167 index=1273



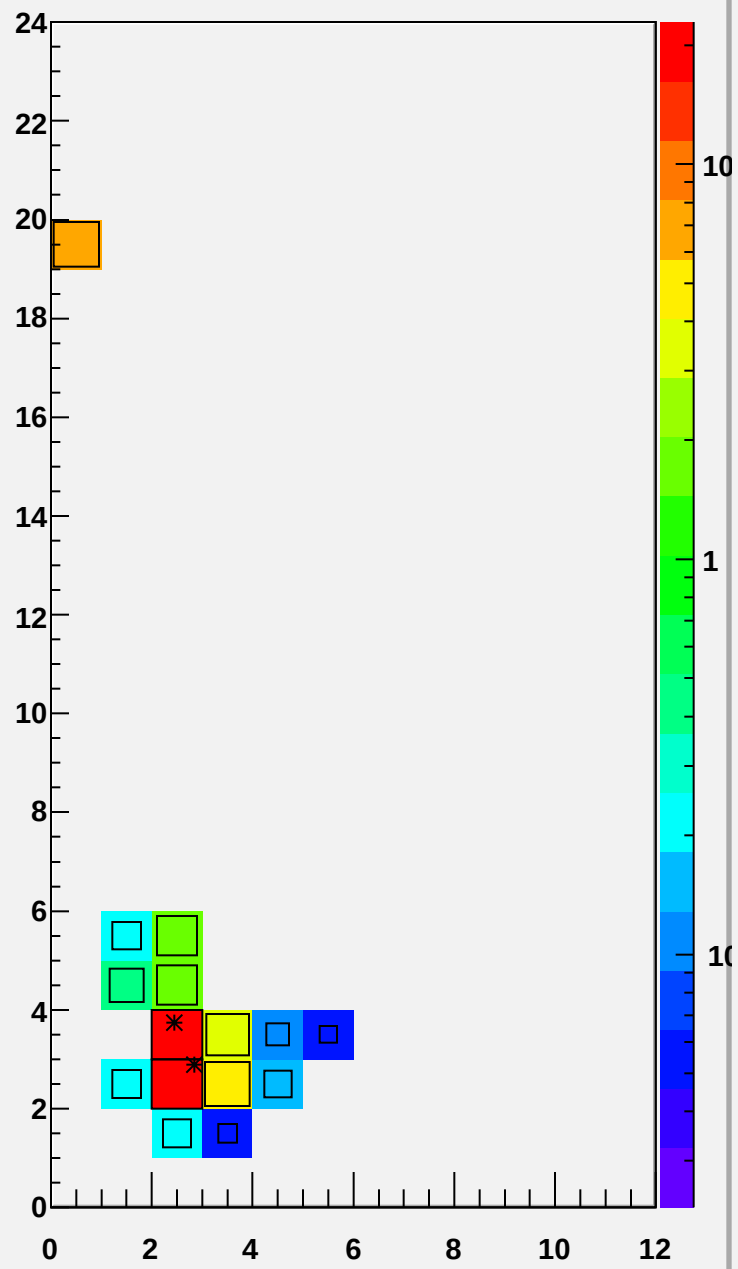
Fitted Energies



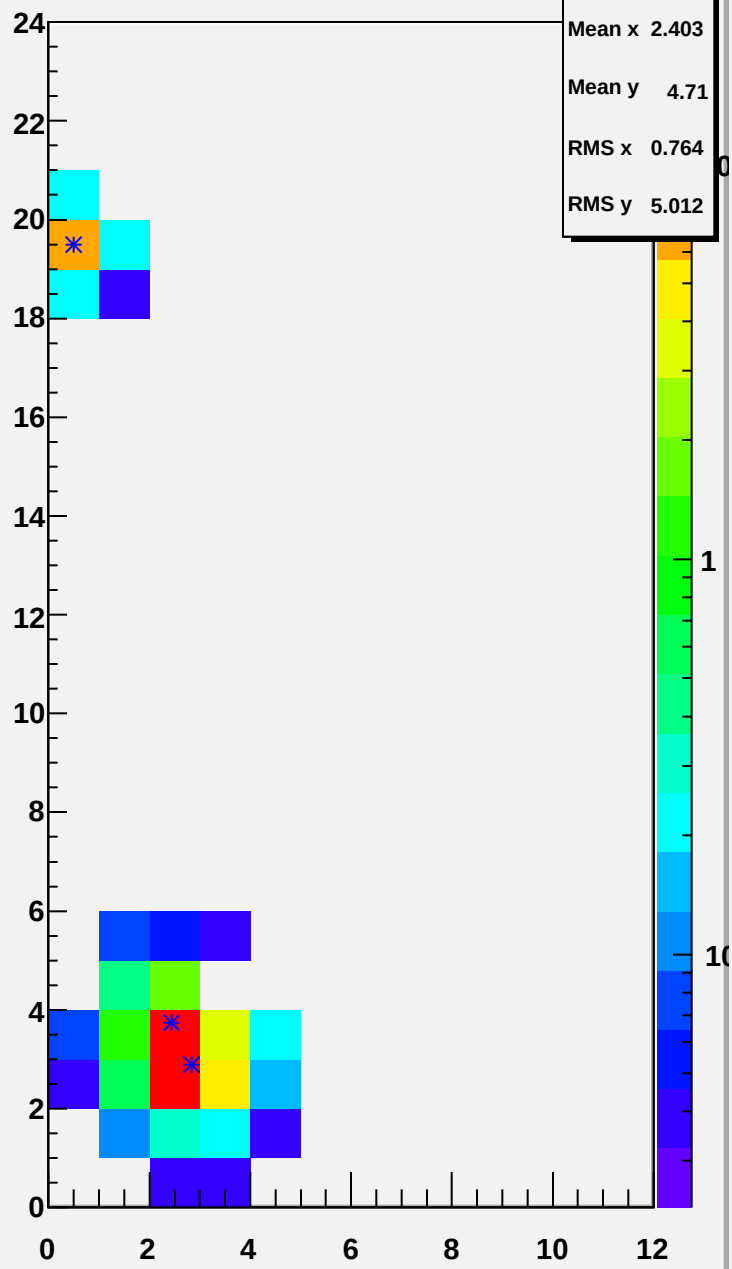
Efit

Entries	288
Mean x	2.423
Mean y	3.654
RMS x	0.9214
RMS y	0.6042

NSTB3_r4_c3_En=64.5_m0=0.141 m1=0.141 index=1274



Fitted Energies



Efit

Entries 288

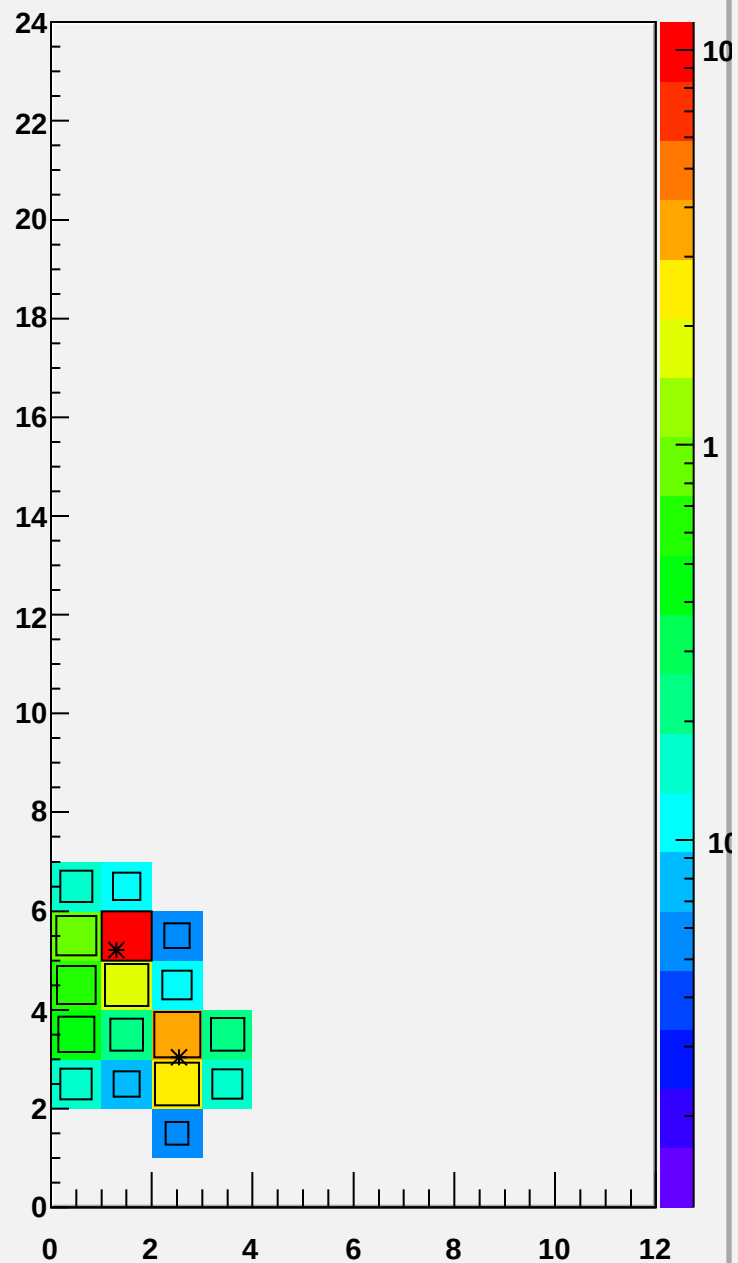
Mean x 2.403

Mean y 4.71

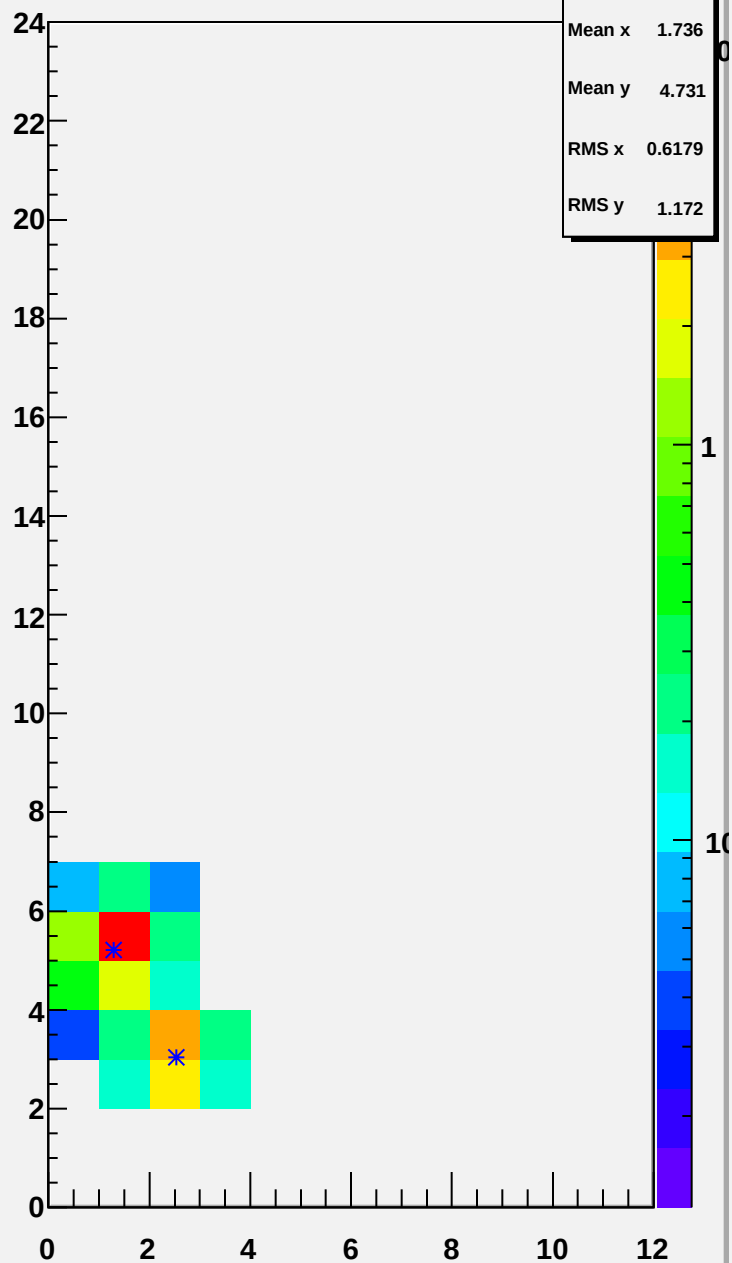
RMS x 0.764

RMS y 5.012

NSTB3_r4_c3_En=22.8_m0=0.145 m1=0.146 index=1275



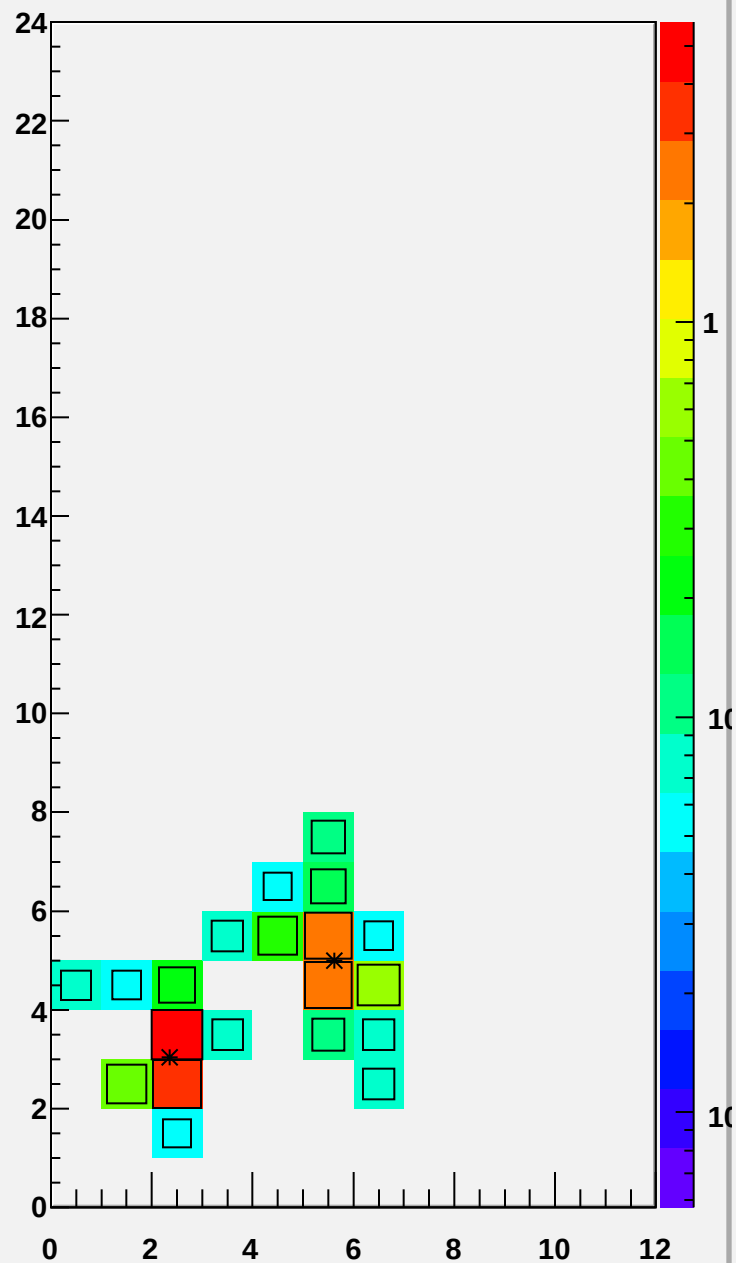
Fitted Energies



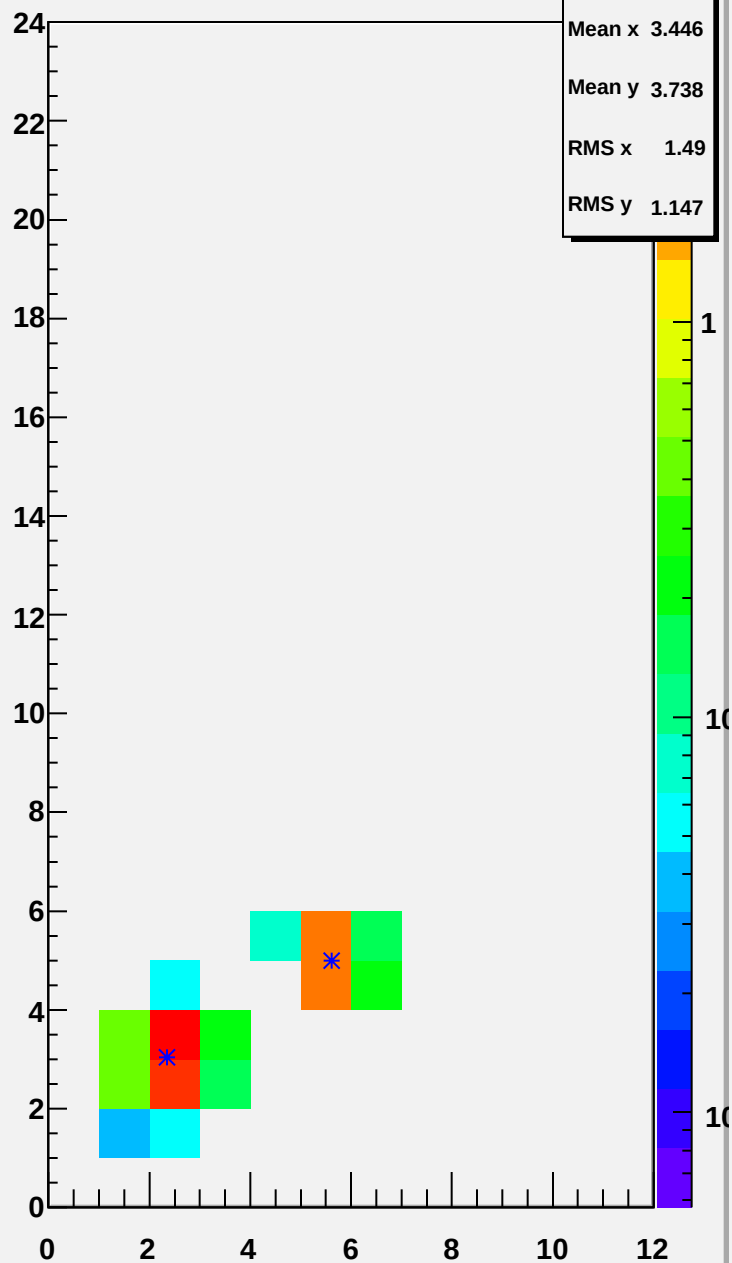
Efit

Entries	288
Mean x	1.736
Mean y	4.731
RMS x	0.6179
RMS y	1.172

NSTB3_r4_c3_En=16.2_m0=0.161 m1=0.161 index=1276



Fitted Energies



Efit

Entries 288

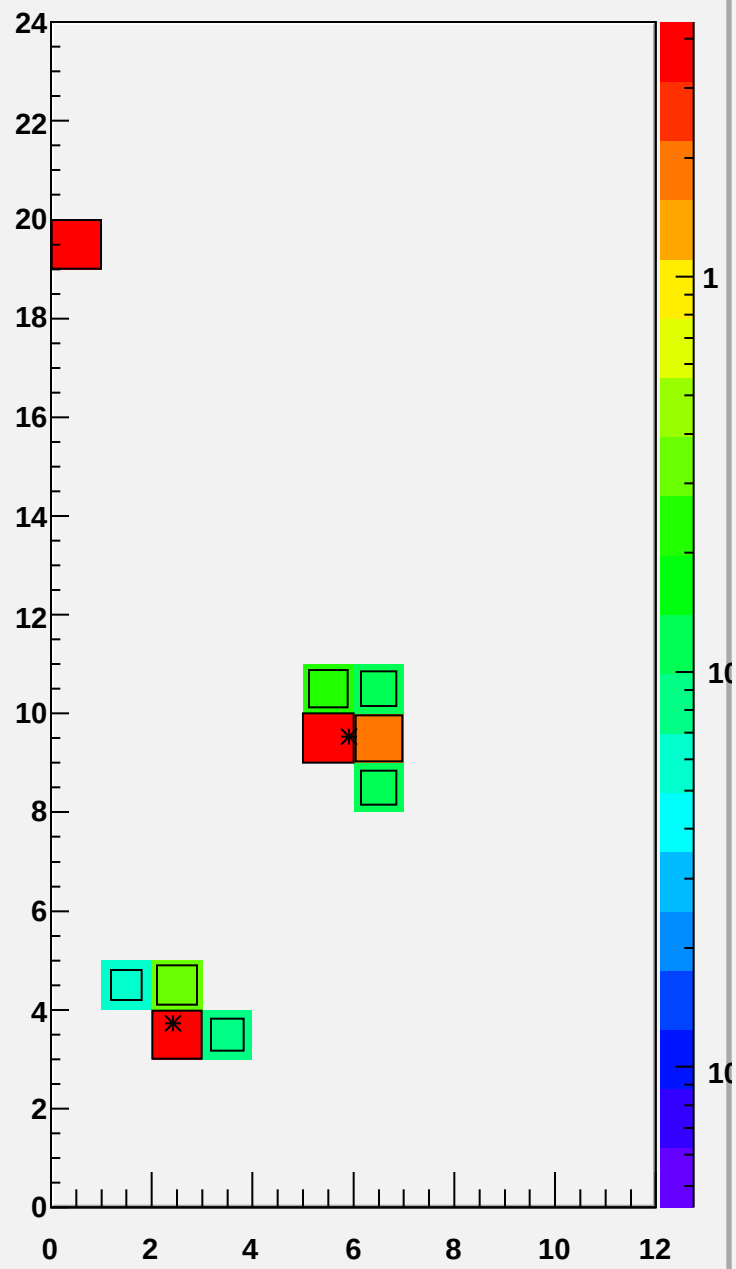
Mean x 3.446

Mean y 3.738

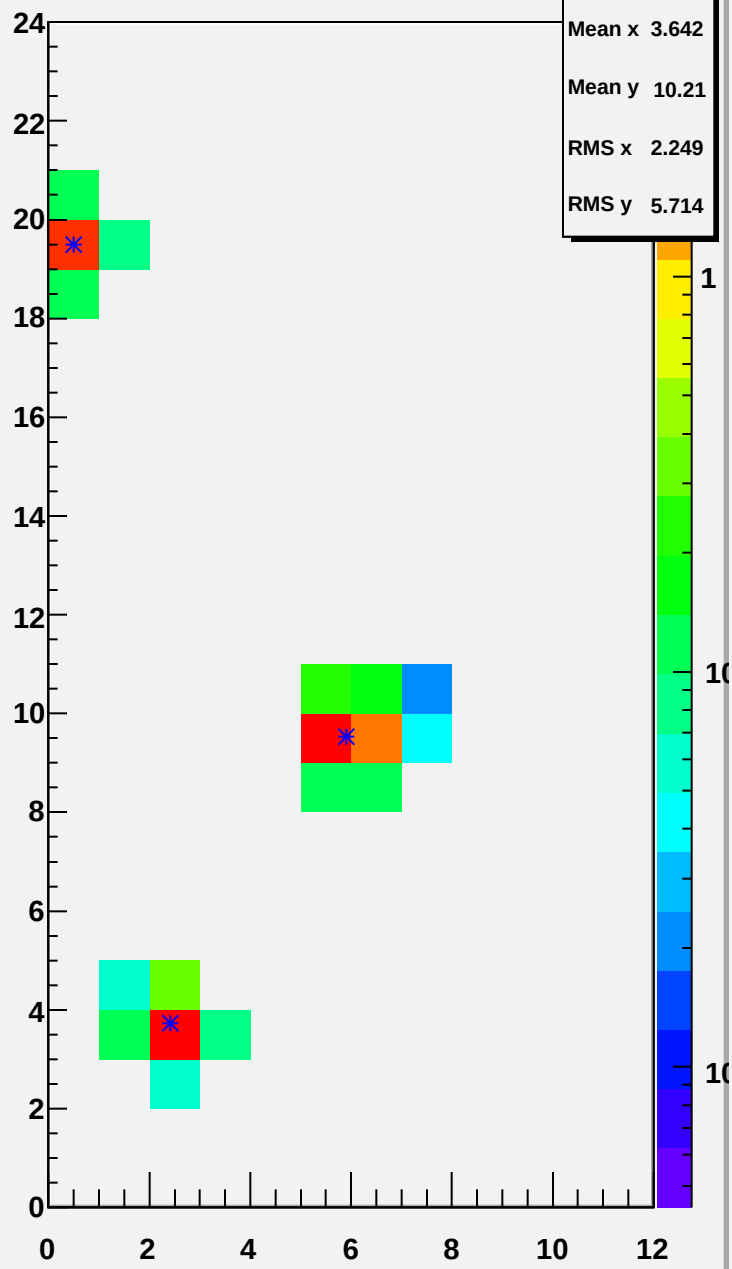
RMS x 1.49

RMS y 1.147

NSTB3_r4_c3_En=13.5_m0=0.198 m1=0.198 index=1277



Fitted Energies



Efit

Entries 288

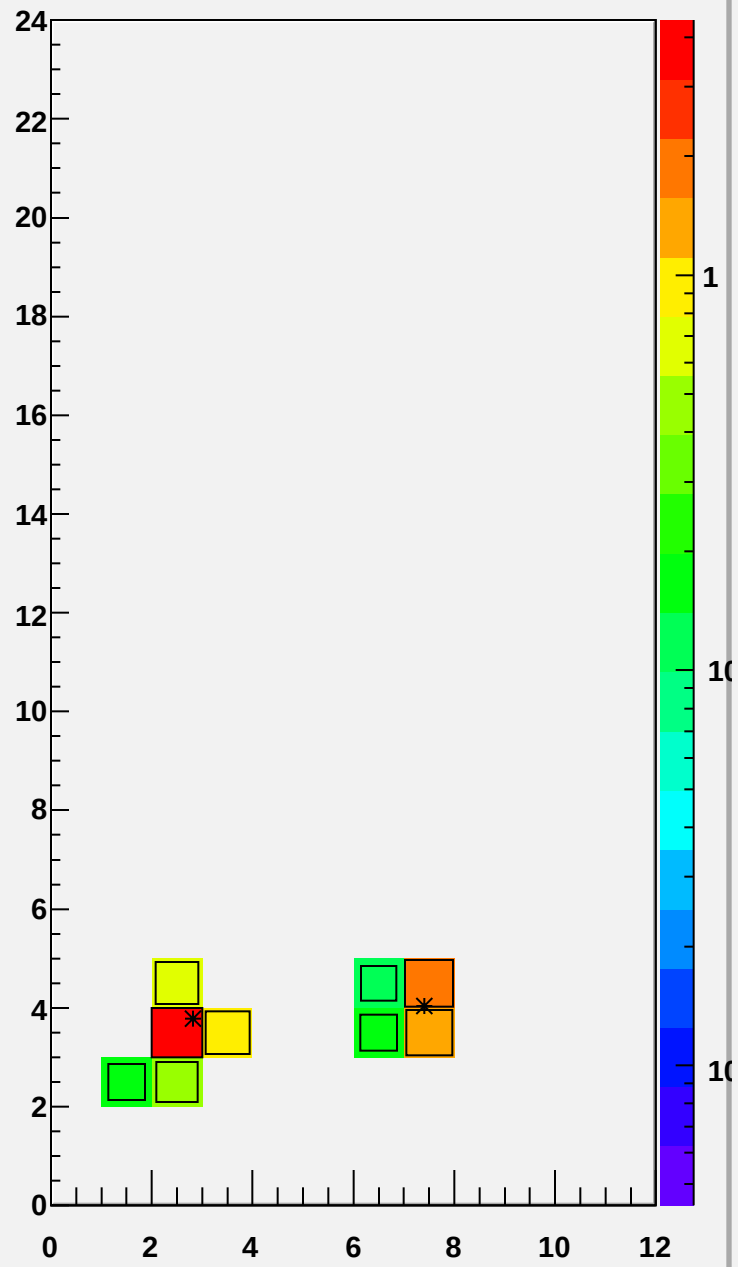
Mean x 3.642

Mean y 10.21

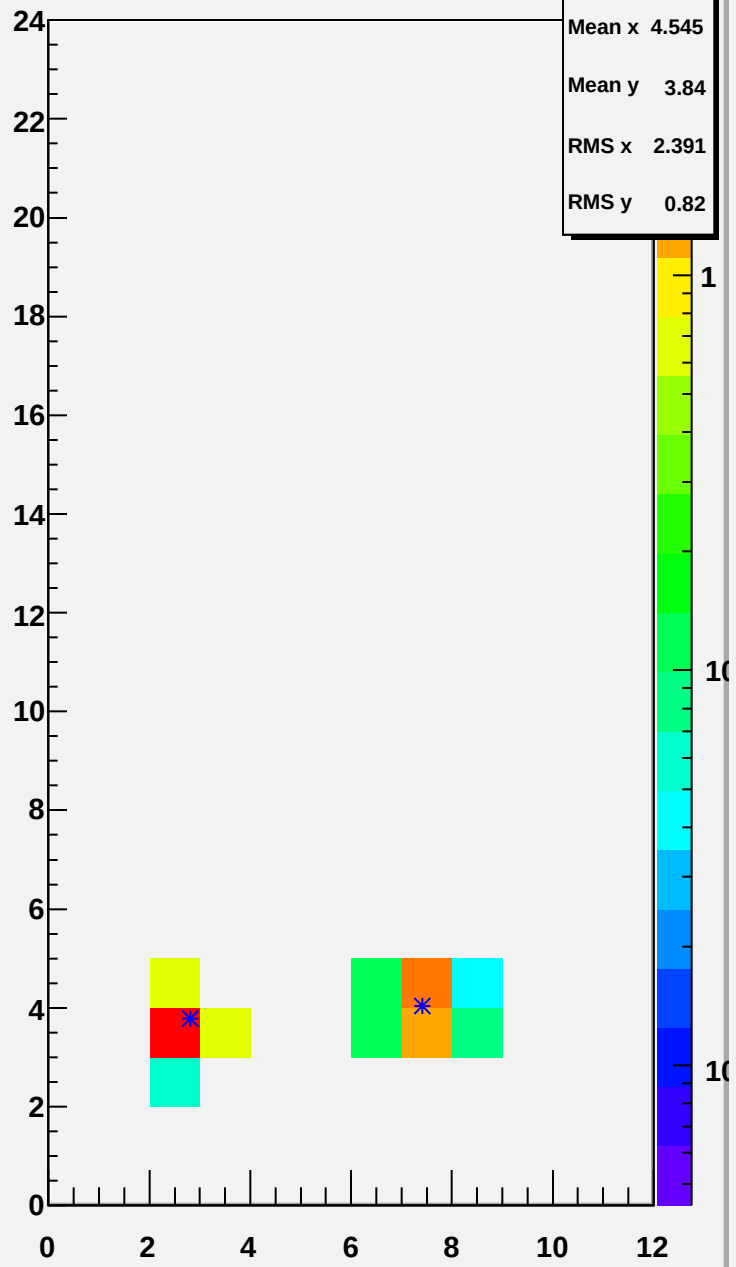
RMS x 2.249

RMS y 5.714

NSTB3_r4_c3_En=10.4_m0=0.132 m1=0.132 index=1278



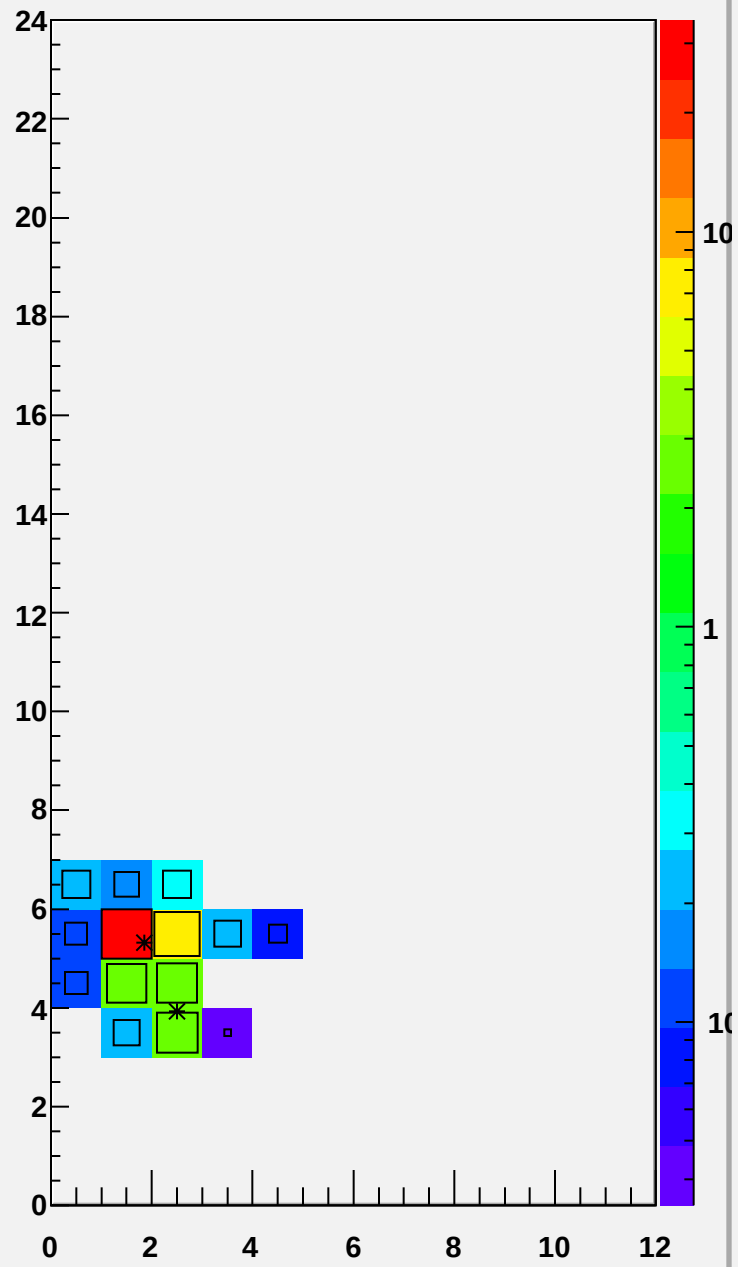
Fitted Energies



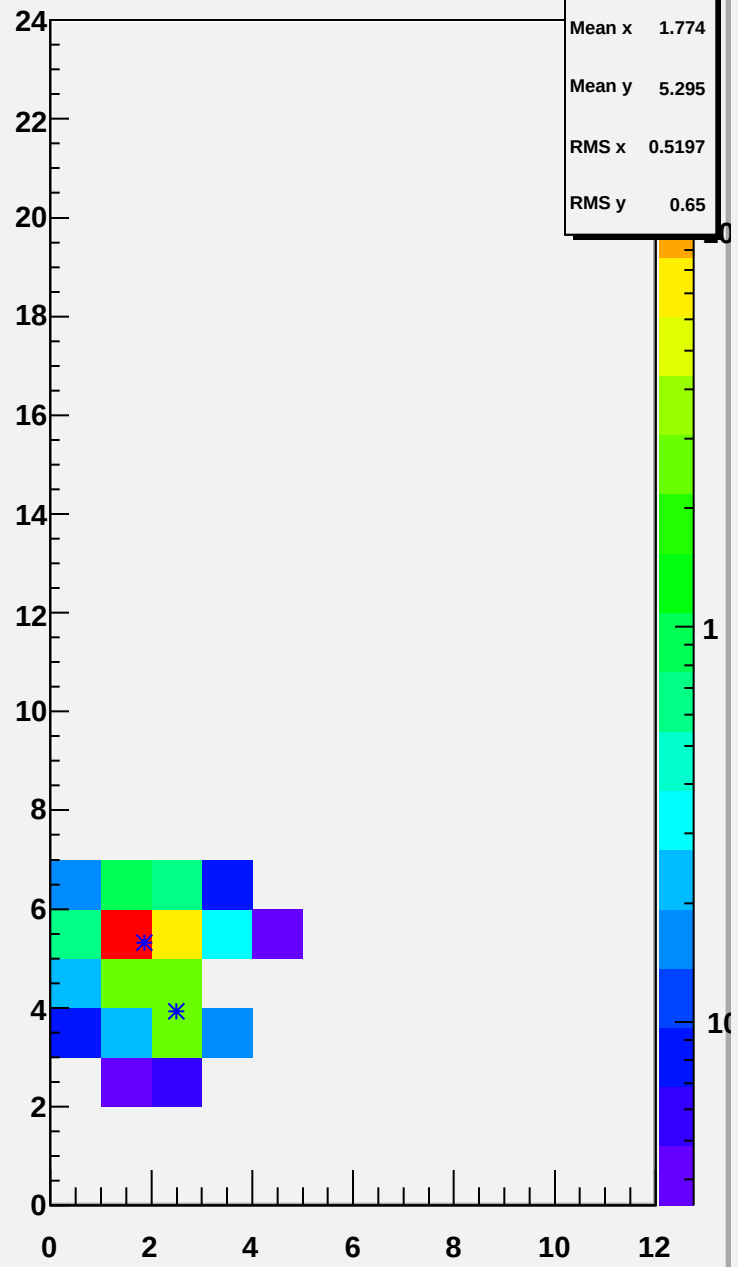
Efit

Entries 288
Mean x 4.545
Mean y 3.84
RMS x 2.391
RMS y 0.82

NSTB3_r4_c3_En=52.4_m0=0.127 m1=0.127 index=1279



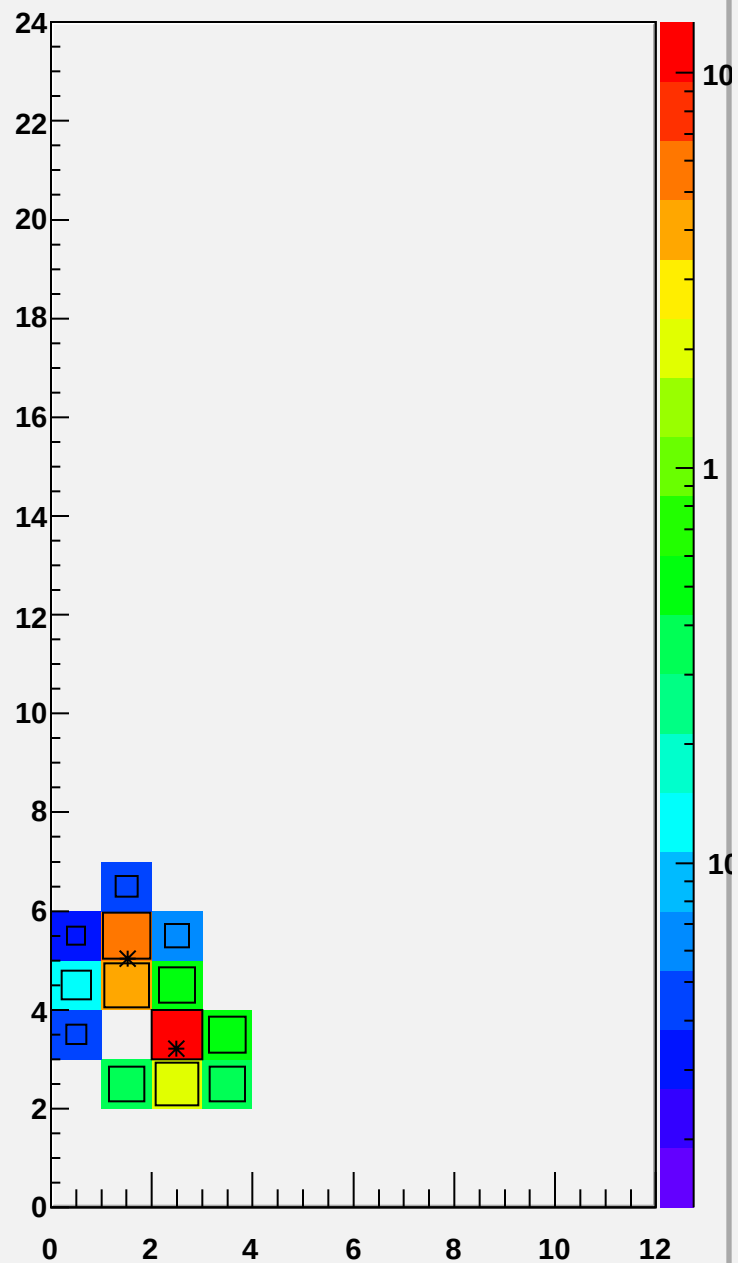
Fitted Energies



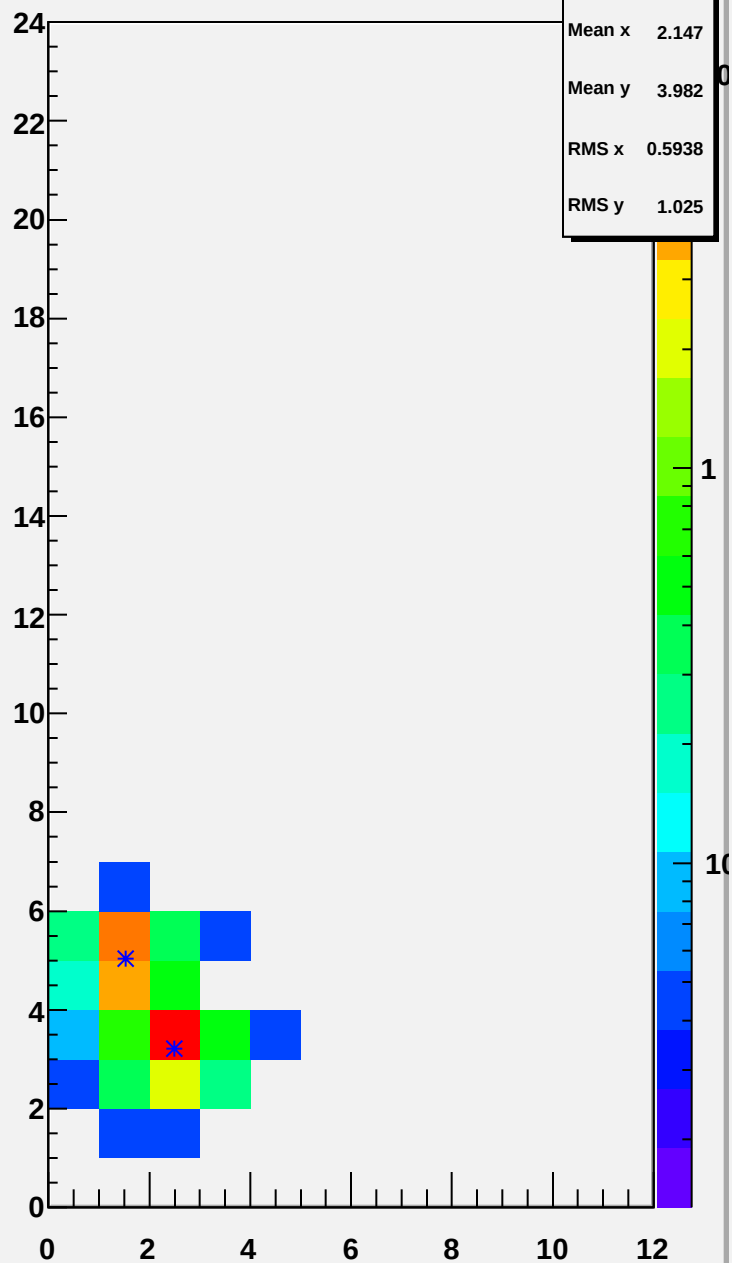
Efit

Entries	288
Mean x	1.774
Mean y	5.295
RMS x	0.5197
RMS y	0.65

NSTB3_r4_c3_En=26.4_m0=0.152 m1=0.152 index=1280



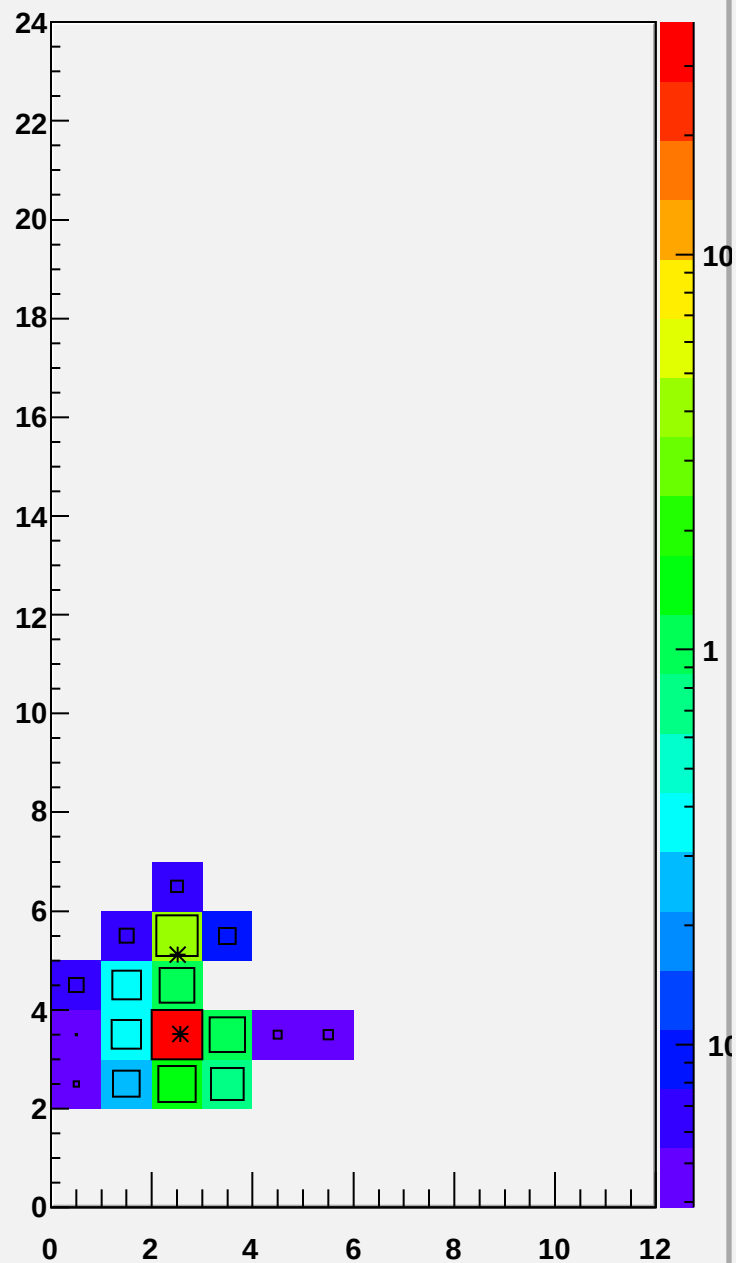
Fitted Energies



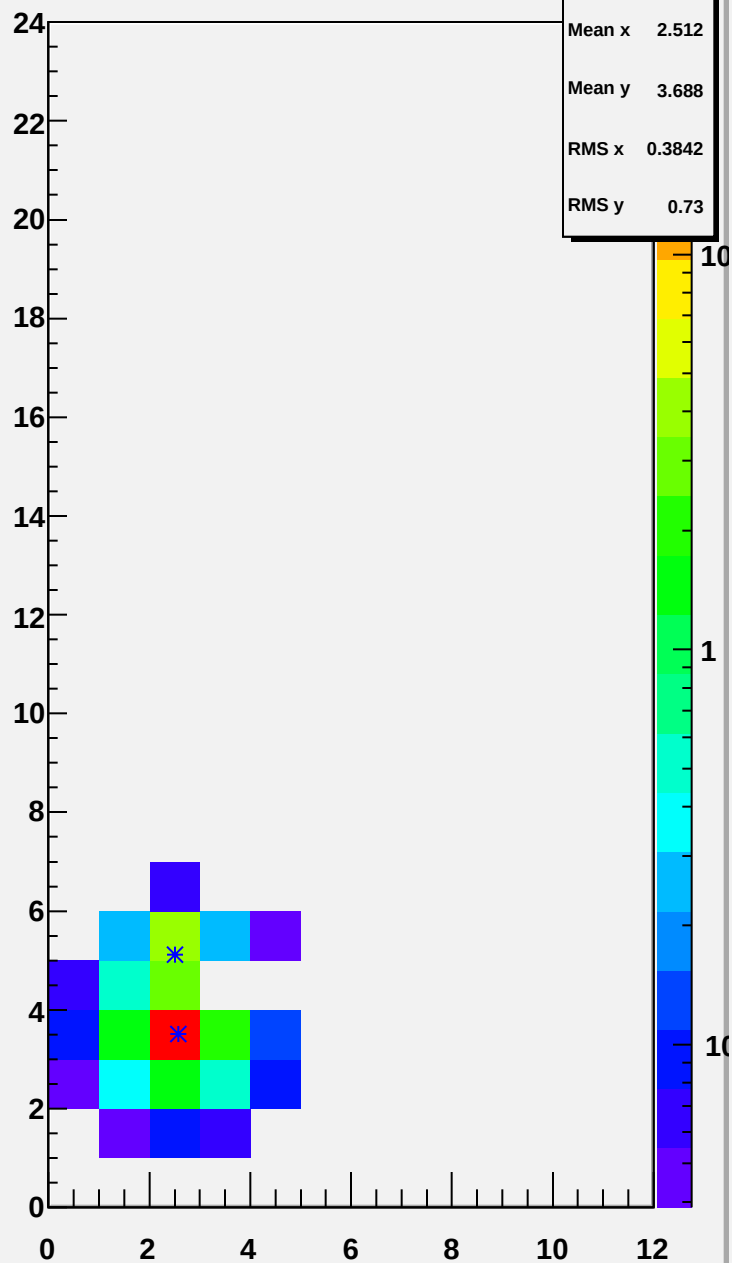
Efit

Entries	288
Mean x	2.147
Mean y	3.982
RMS x	0.5938
RMS y	1.025

NSTB3_r4_c3_En=48.7_m0=0.147 m1=0.147 index=1281



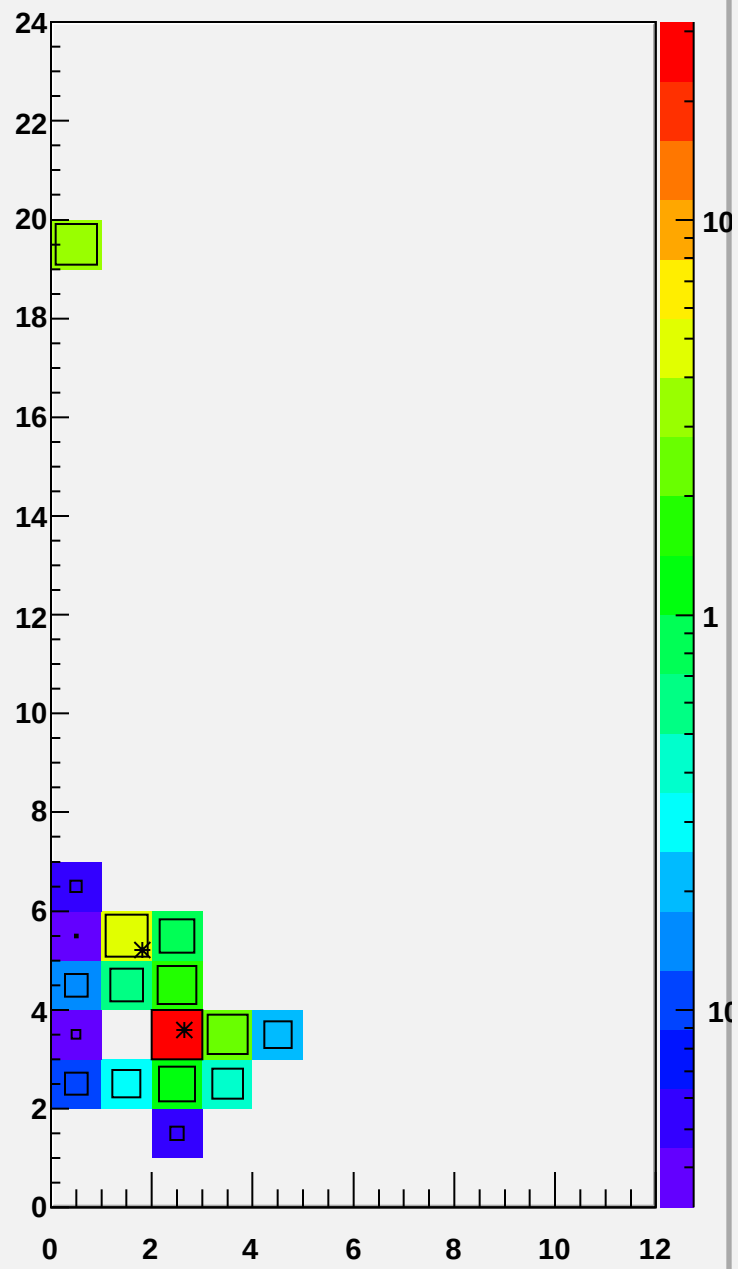
Fitted Energies



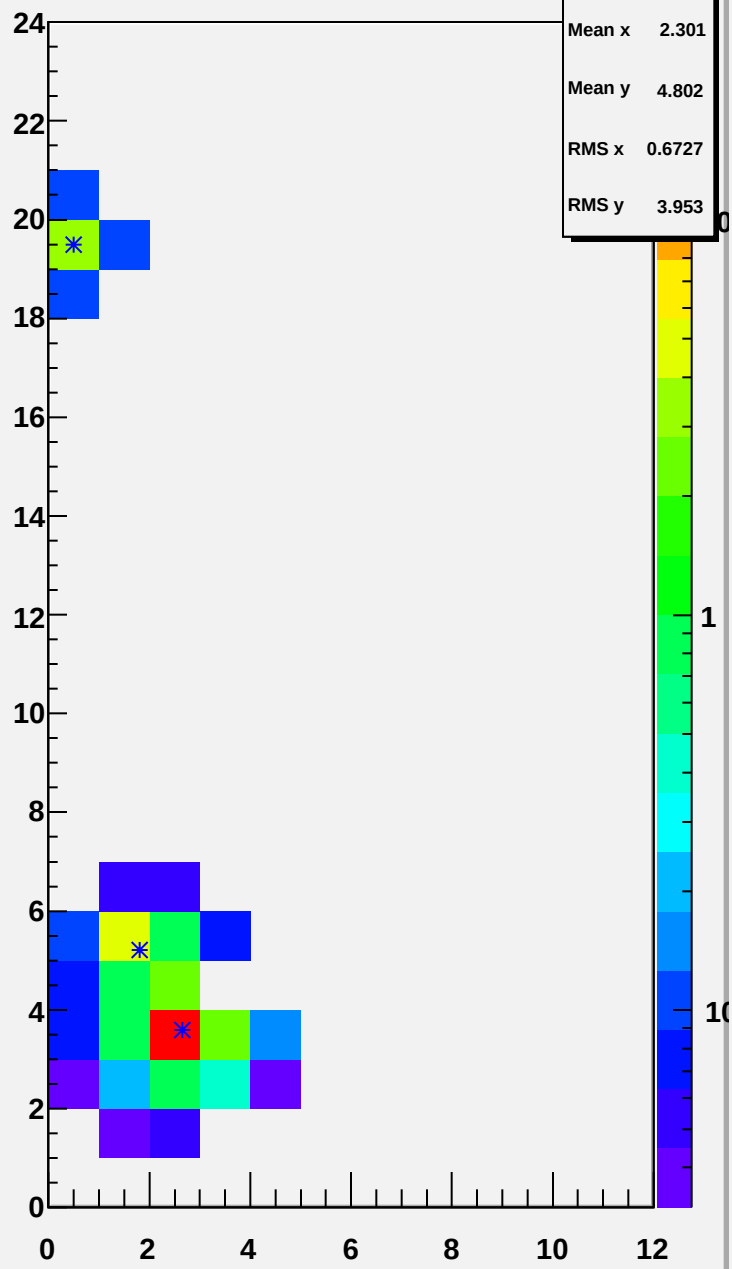
Efit

Entries	288
Mean x	2.512
Mean y	3.688
RMS x	0.3842
RMS y	0.73

NSTB3_r4_c3_En=47.5_m0=0.158 m1=0.158 index=1282



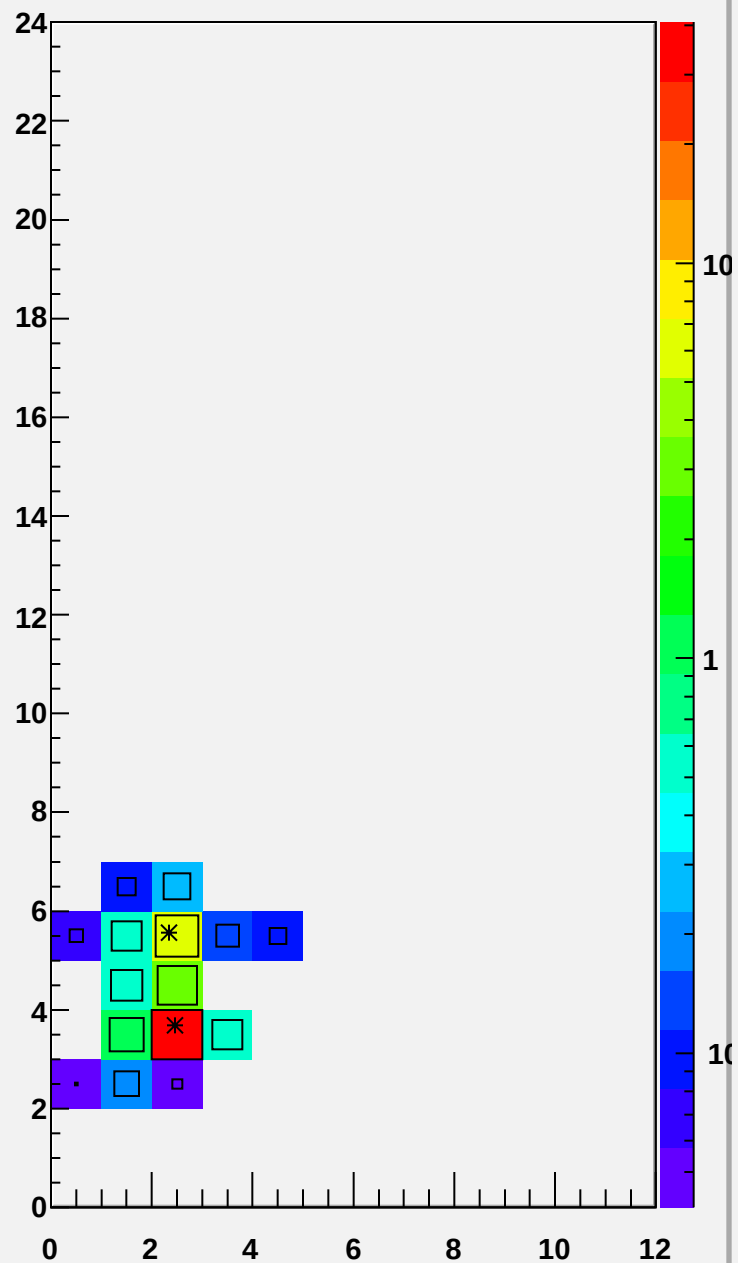
Fitted Energies



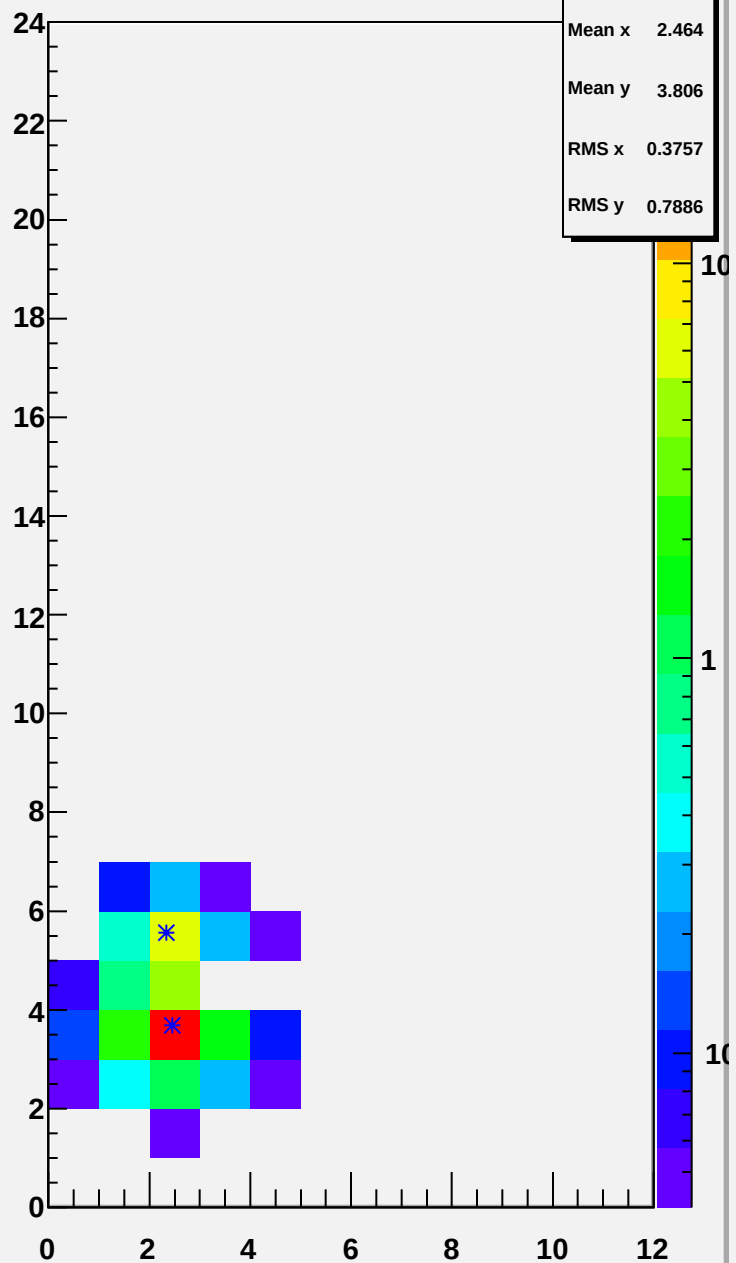
Efit

Entries	288
Mean x	2.301
Mean y	4.802
RMS x	0.6727
RMS y	3.953

NSTB3_r4_c3_En=52.3_m0=0.189 m1=0.189 index=1283



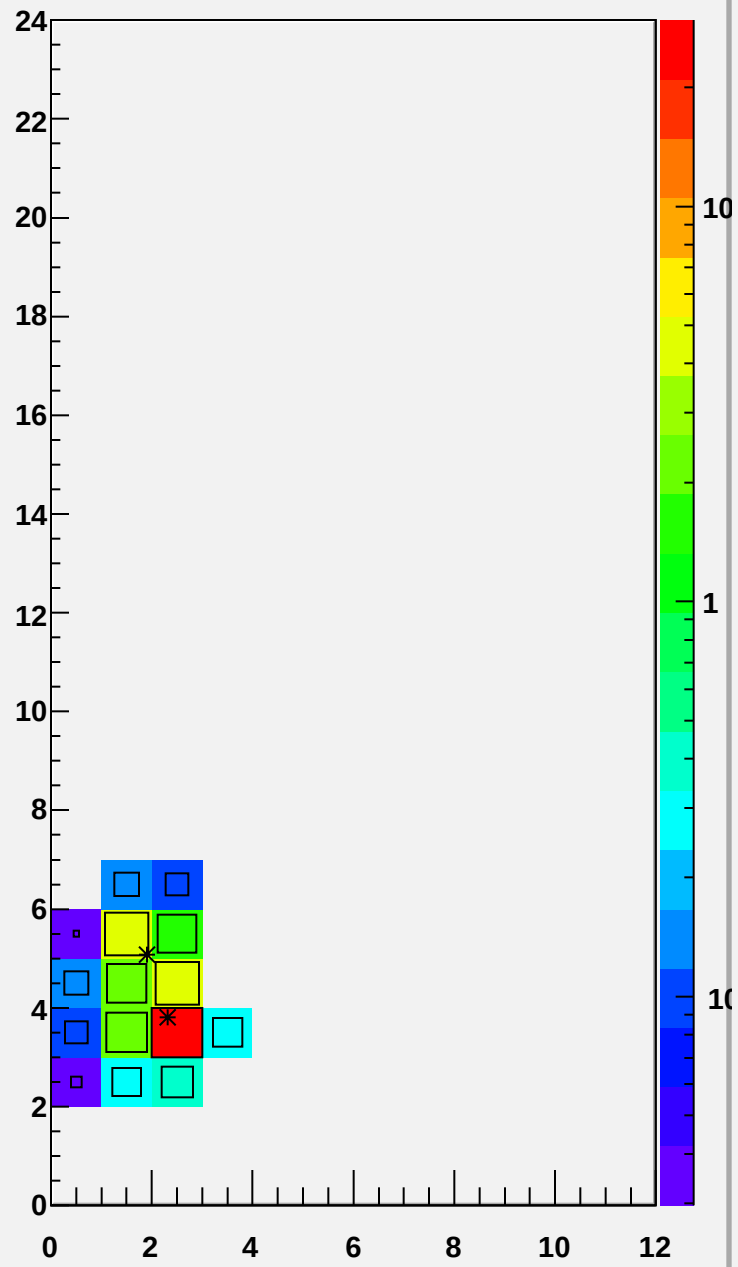
Fitted Energies



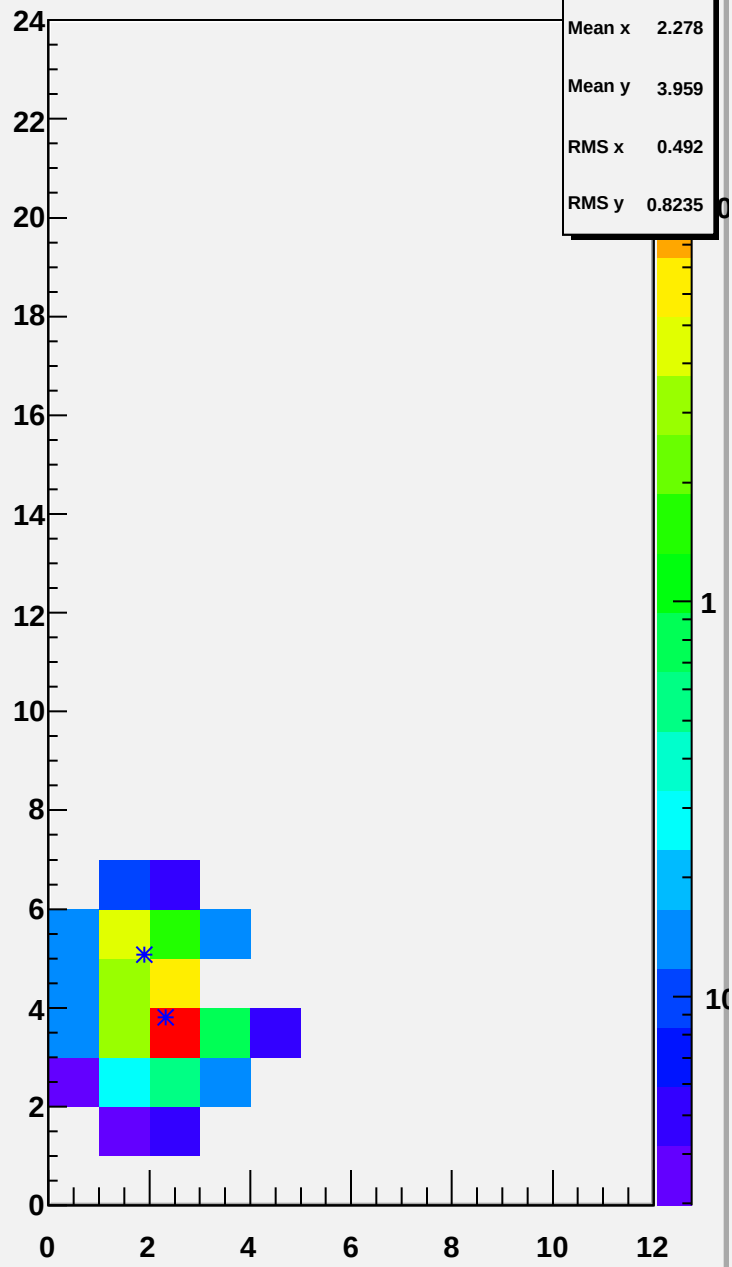
Efit

Entries	288
Mean x	2.464
Mean y	3.806
RMS x	0.3757
RMS y	0.7886

NSTB3_r4_c3_En=47.4_m0=0.150 m1=0.150 index=1284



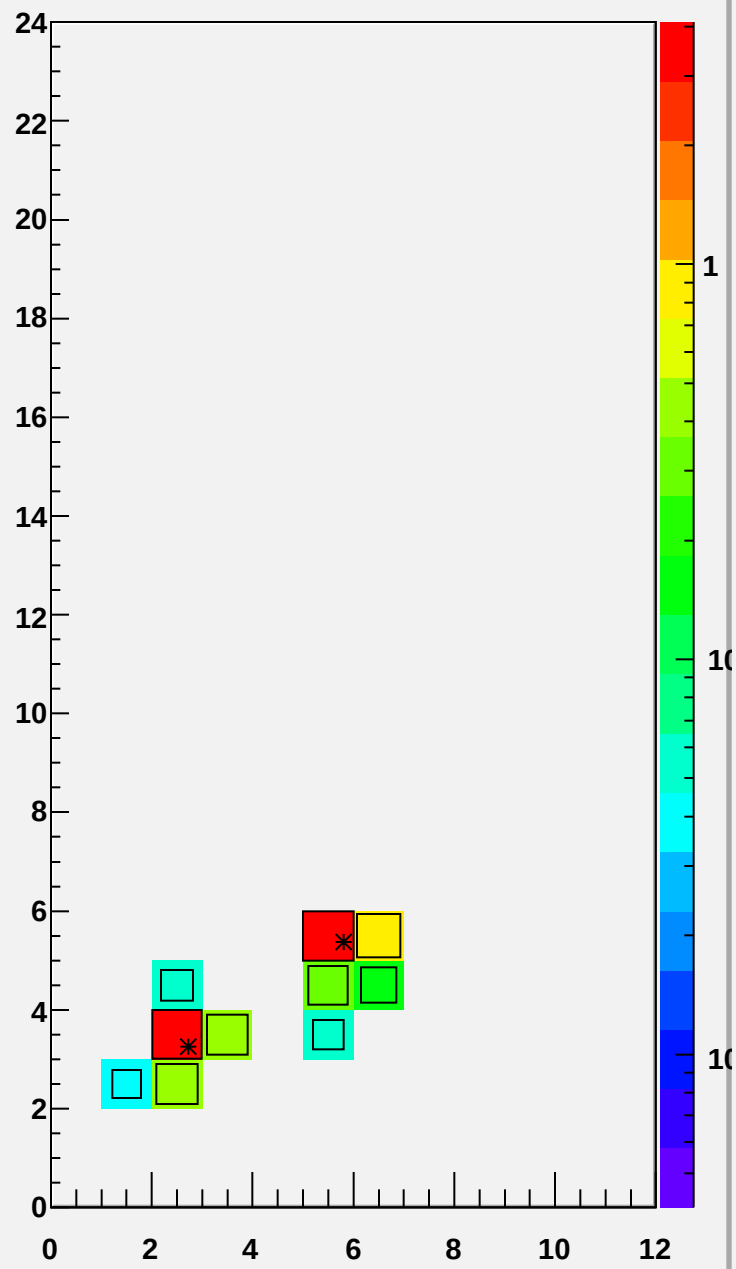
Fitted Energies



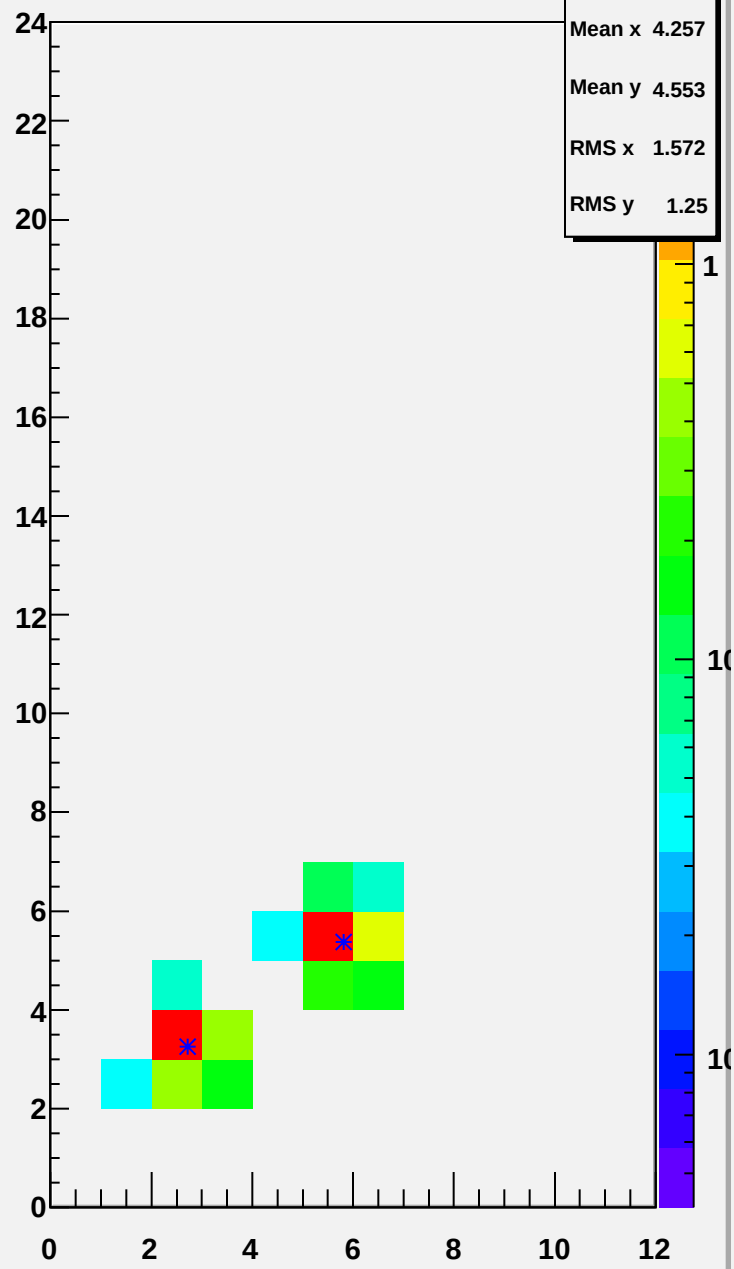
Efit

Entries	288
Mean x	2.278
Mean y	3.959
RMS x	0.492
RMS y	0.8235

NSTB3_r4_c3_En= 9.8_m0=0.106 m1=0.106 index=1285



Fitted Energies



Efit

Entries 288

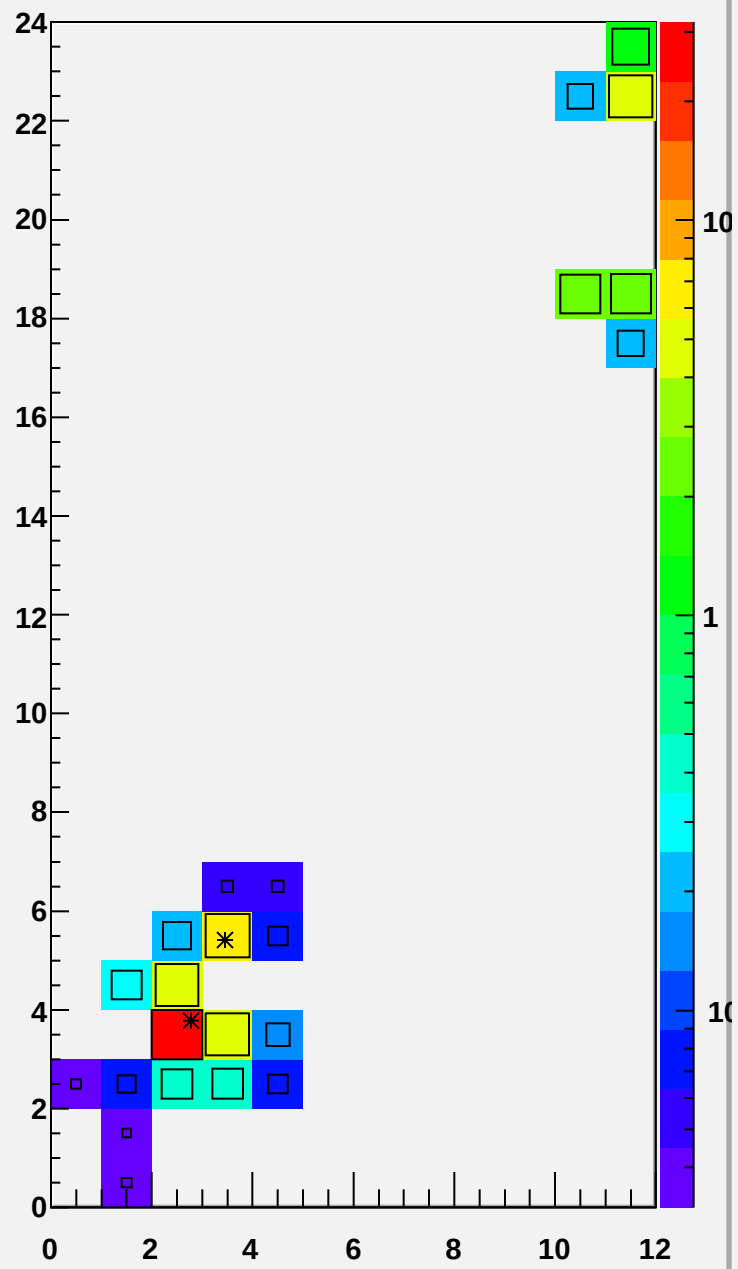
Mean x 4.257

Mean y 4.553

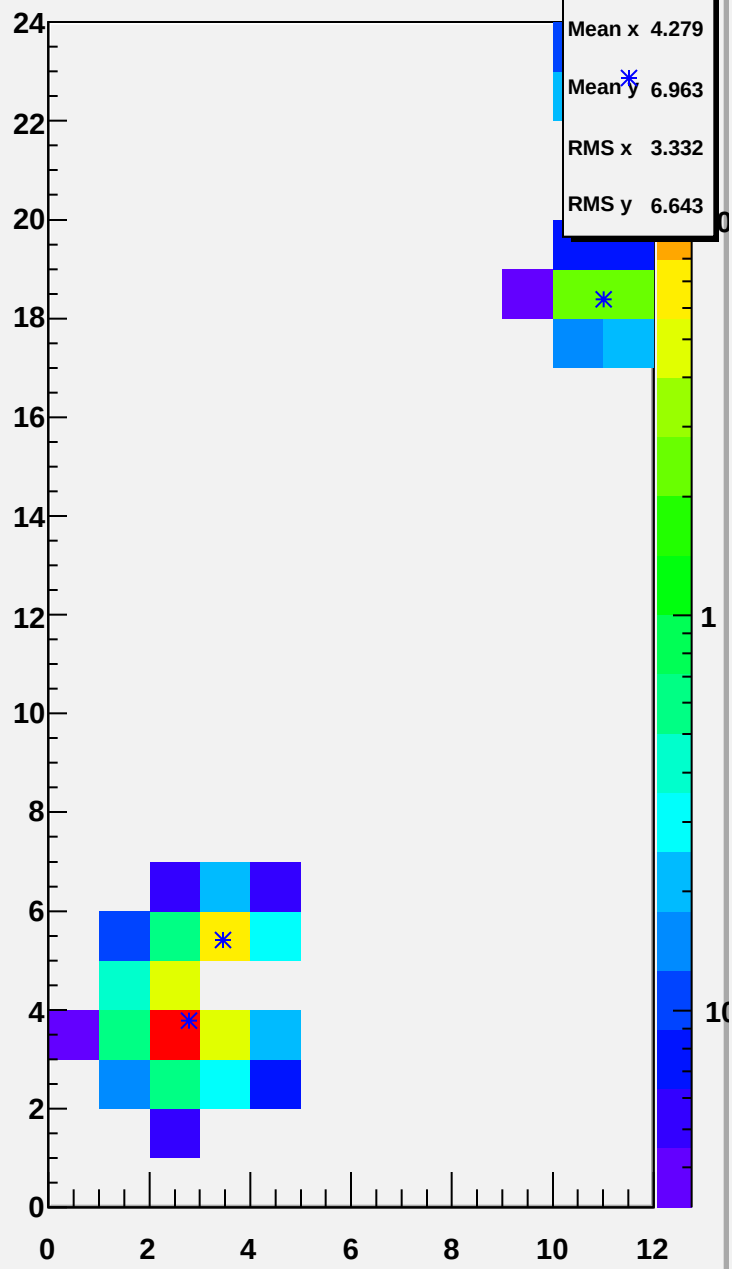
RMS x 1.572

RMS y 1.25

NSTB3_r4_c3_En=60.3_m0=0.178 m1=0.178 index=1287



Fitted Energies



Efit

Entries 288

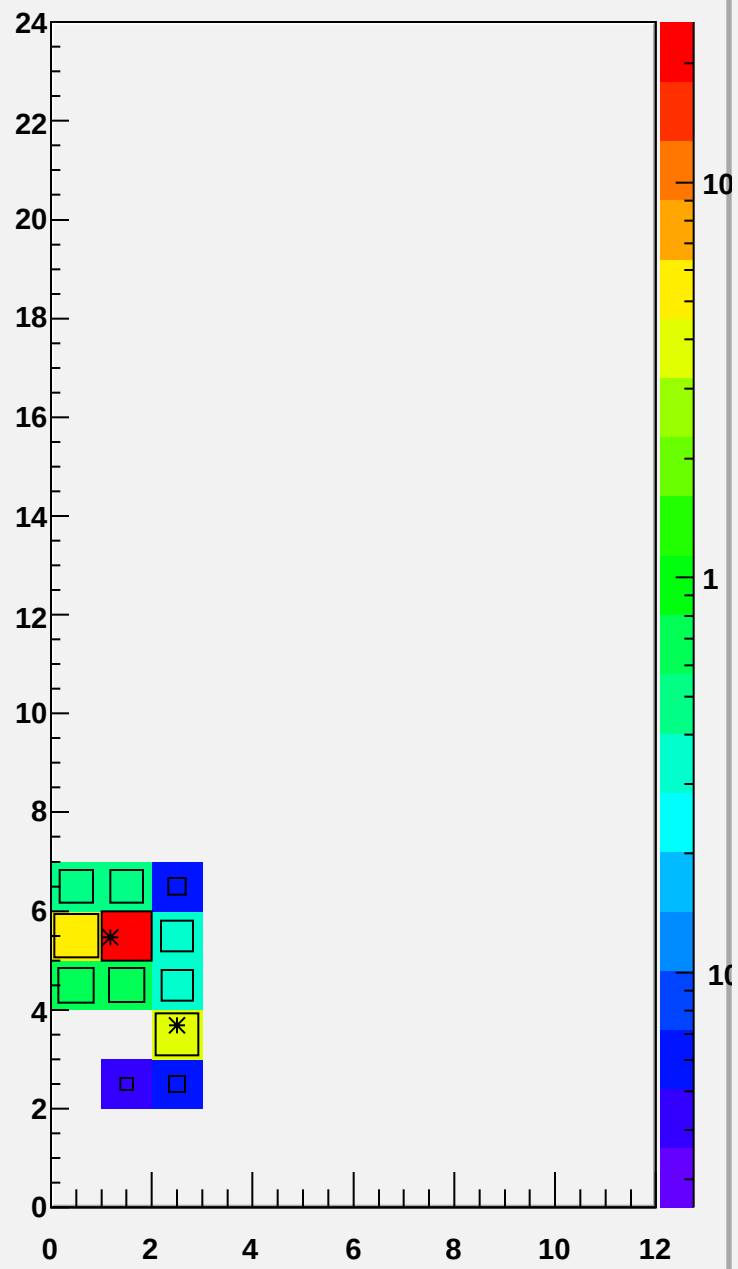
Mean x 4.279

Mean y 6.963

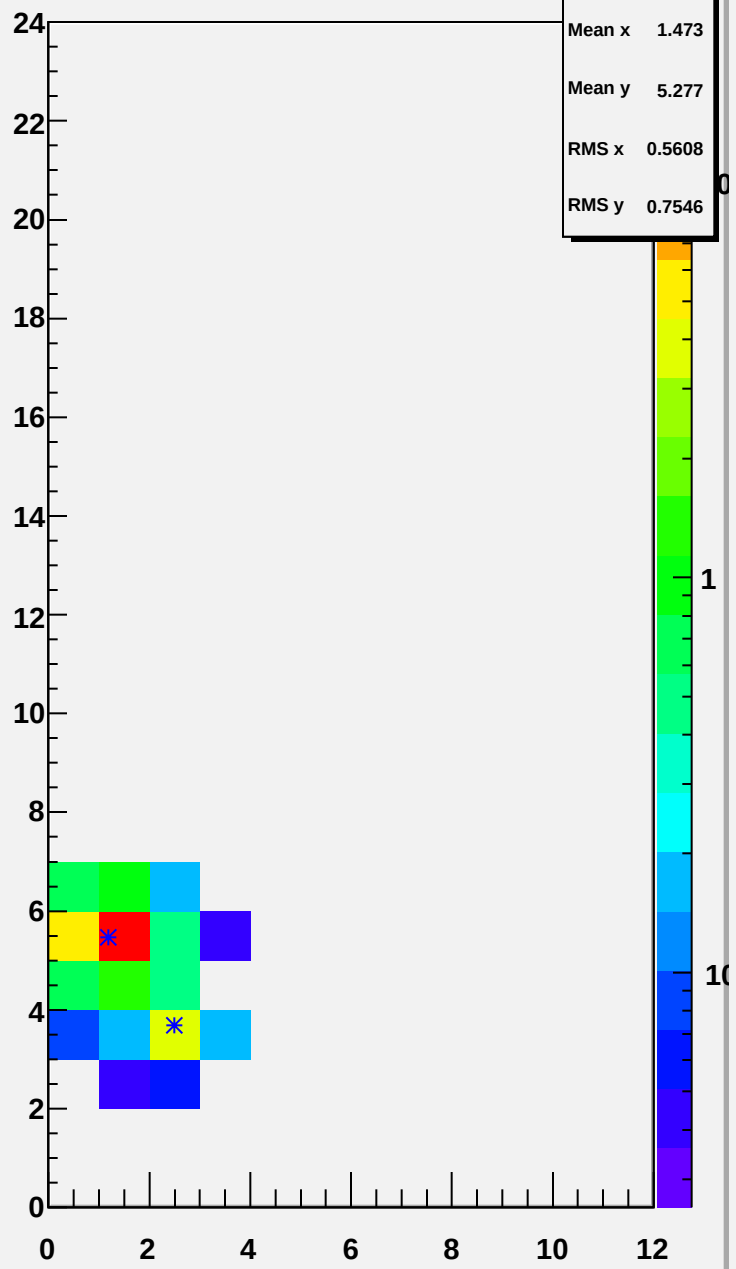
RMS x 3.332

RMS y 6.643

NSTB3_r4_c3_En=37.3_m0=0.152 m1=0.151 index=1288



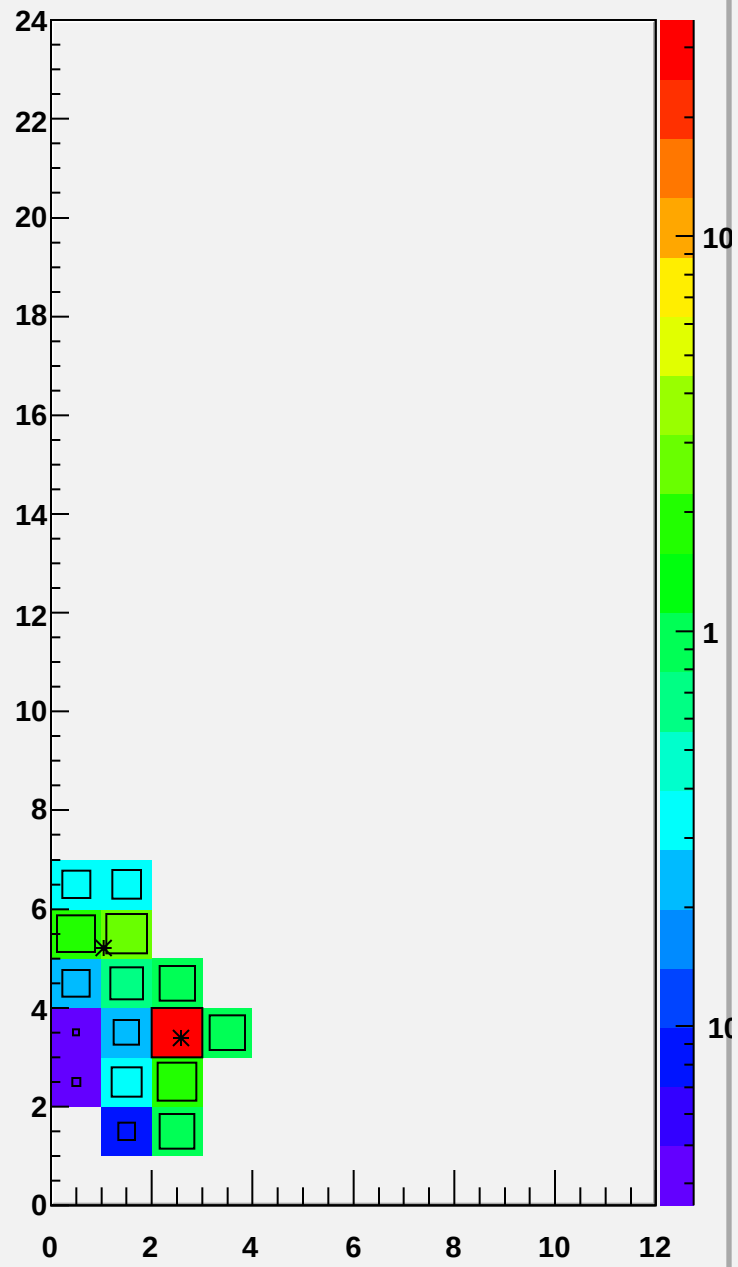
Fitted Energies



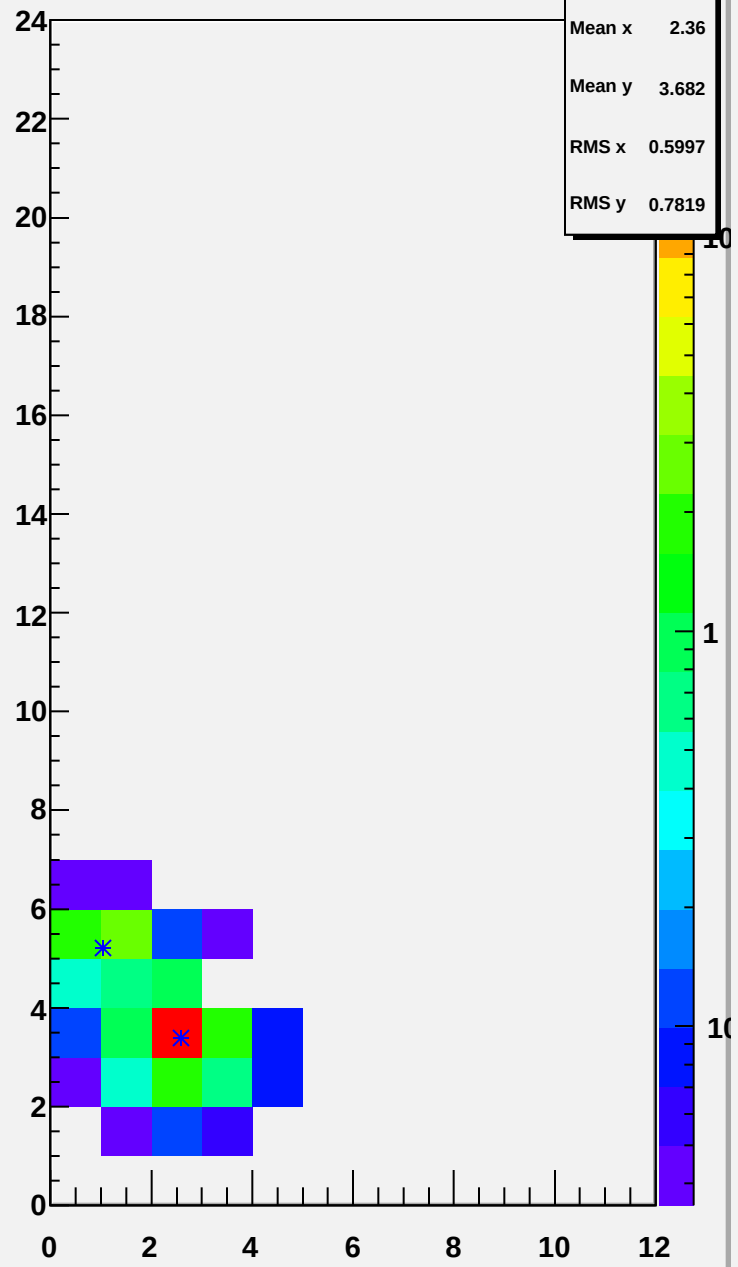
Efit

Entries	288
Mean x	1.473
Mean y	5.277
RMS x	0.5608
RMS y	0.7546

NSTB3_r4_c3_En=47.3_m0=0.206 m1=0.207 index=1291



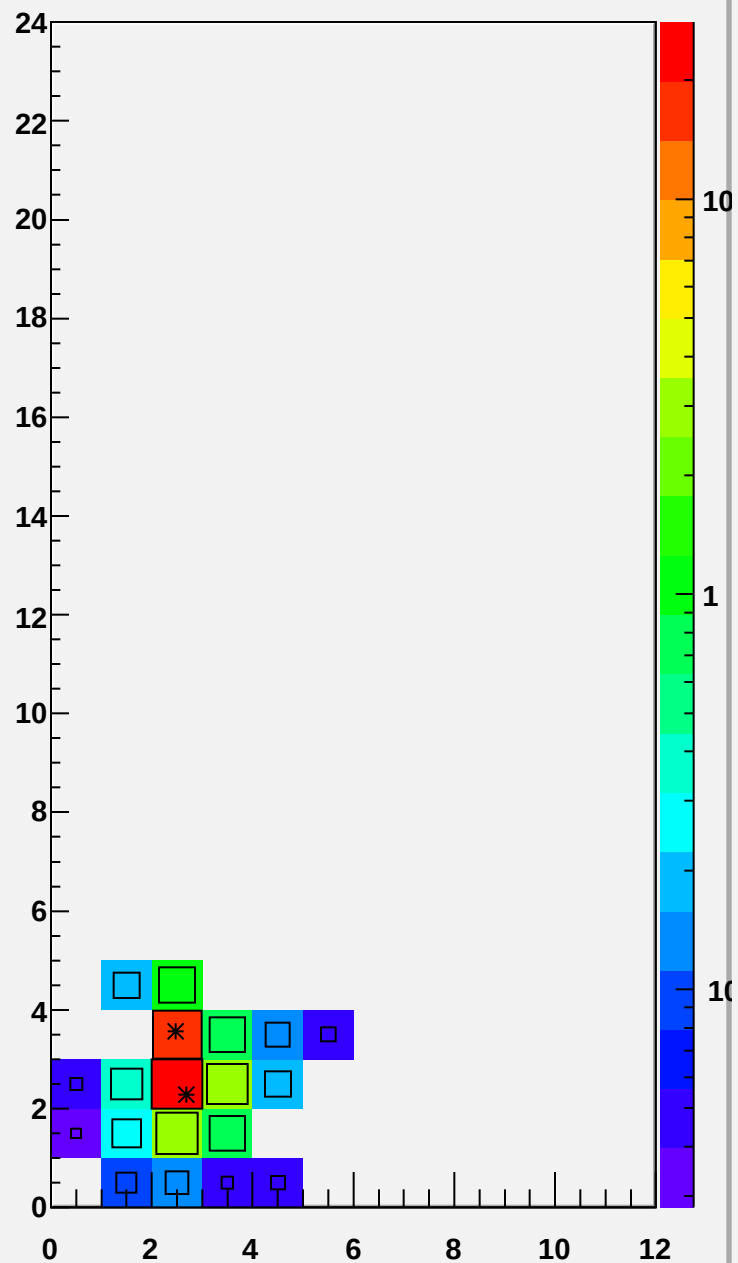
Fitted Energies



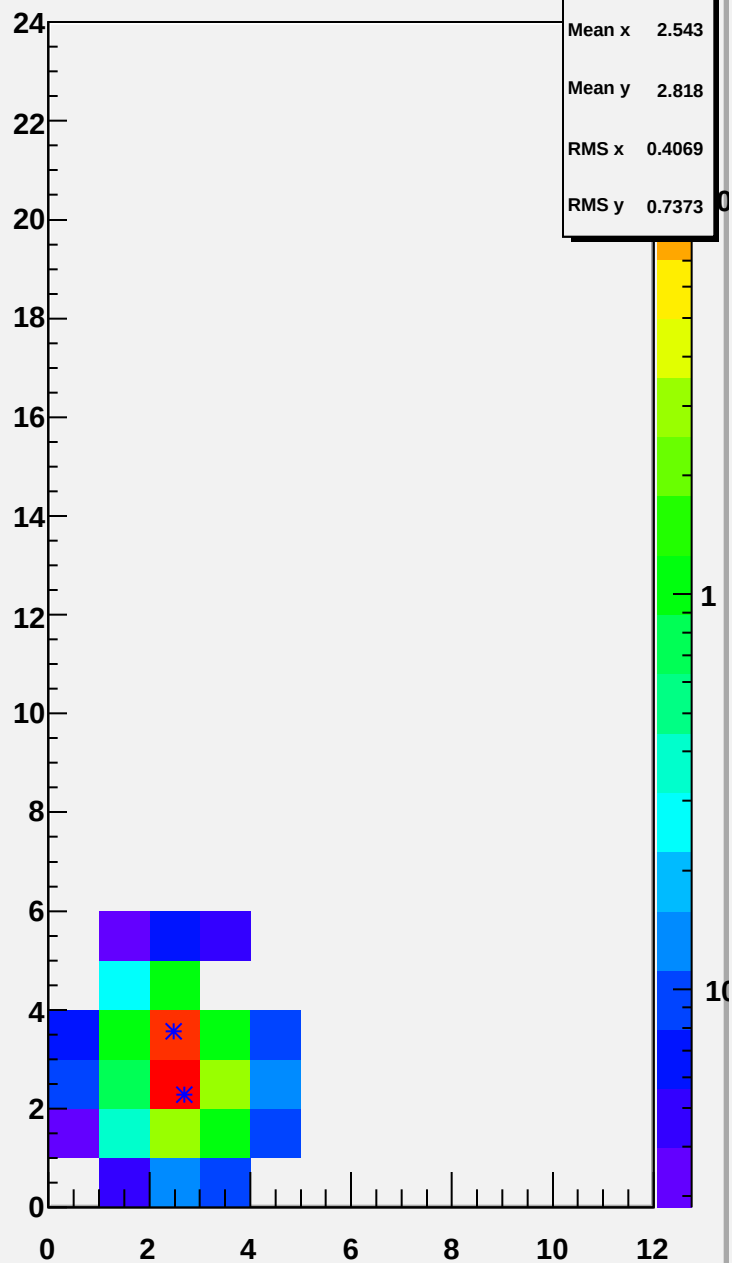
Efit

Entries	288
Mean x	2.36
Mean y	3.682
RMS x	0.5997
RMS y	0.7819

NSTB3_r4_c3_En=55.6_m0=0.195 m1=0.195 index=1292



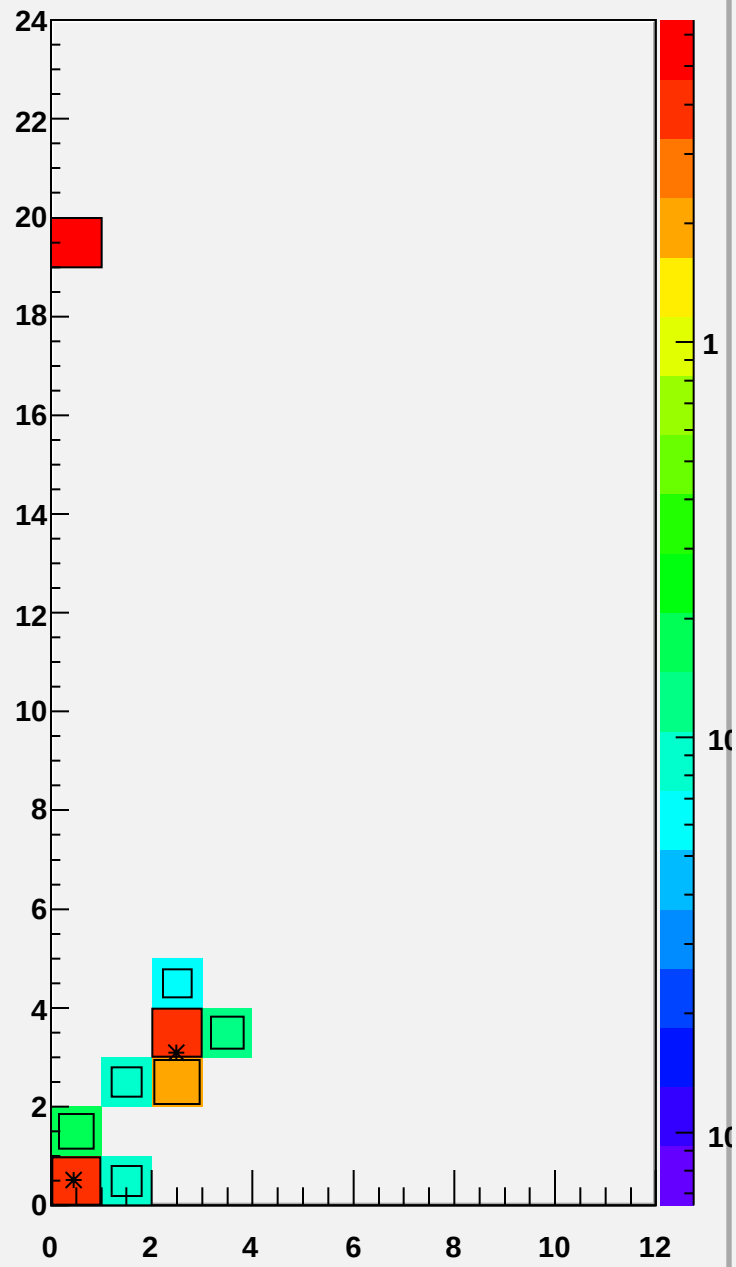
Fitted Energies



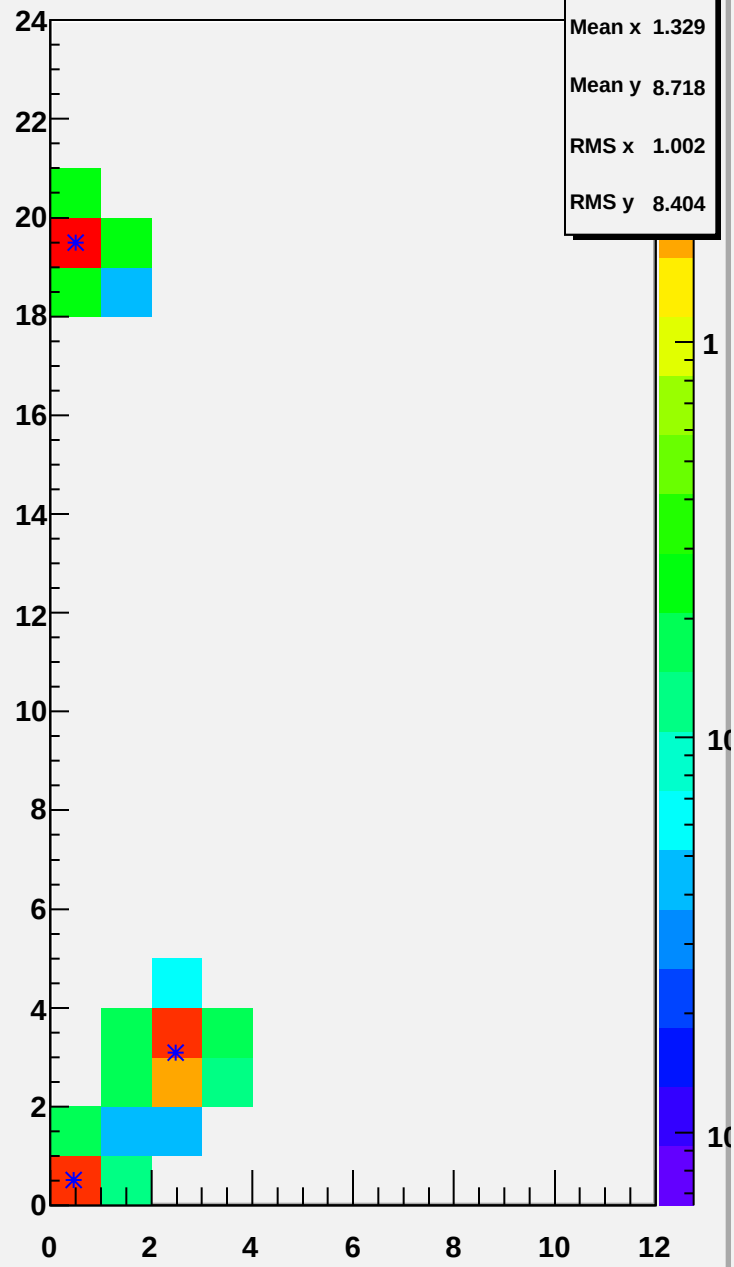
Efit

Entries	288
Mean x	2.543
Mean y	2.818
RMS x	0.4069
RMS y	0.7373

NSTB3_r4_c3_En=17.2_m0=0.103 m1=0.103 index=1293



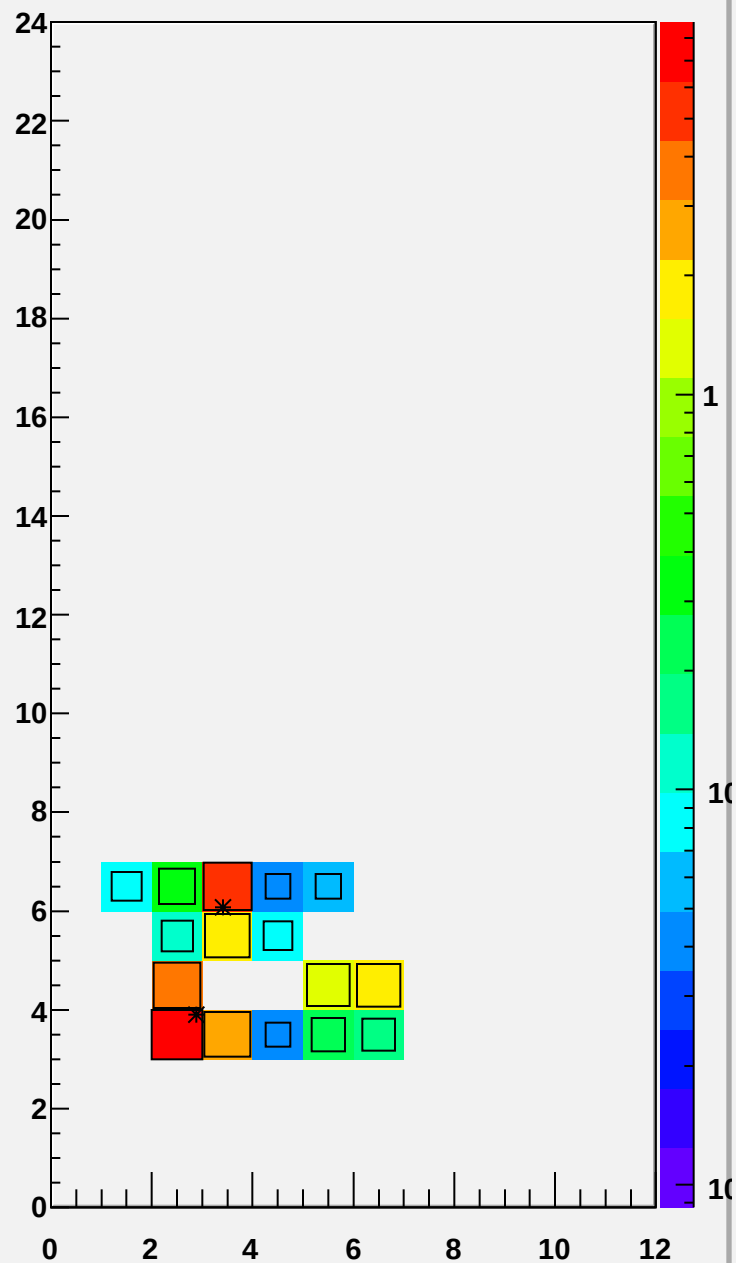
Fitted Energies



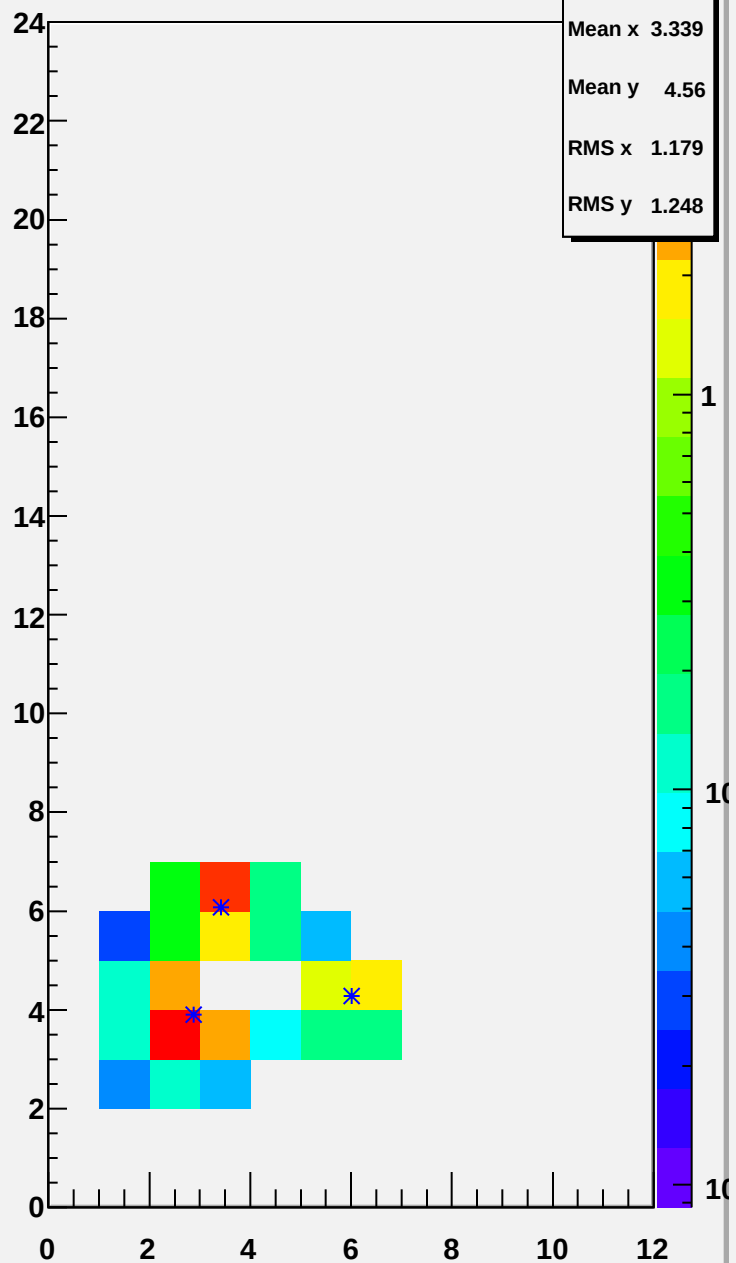
Efit

Entries 288
Mean x 1.329
Mean y 8.718
RMS x 1.002
RMS y 8.404

NSTB3_r4_c3_En=25.3_m0=0.138 m1=0.138 index=1294



Fitted Energies



Efit

Entries 288

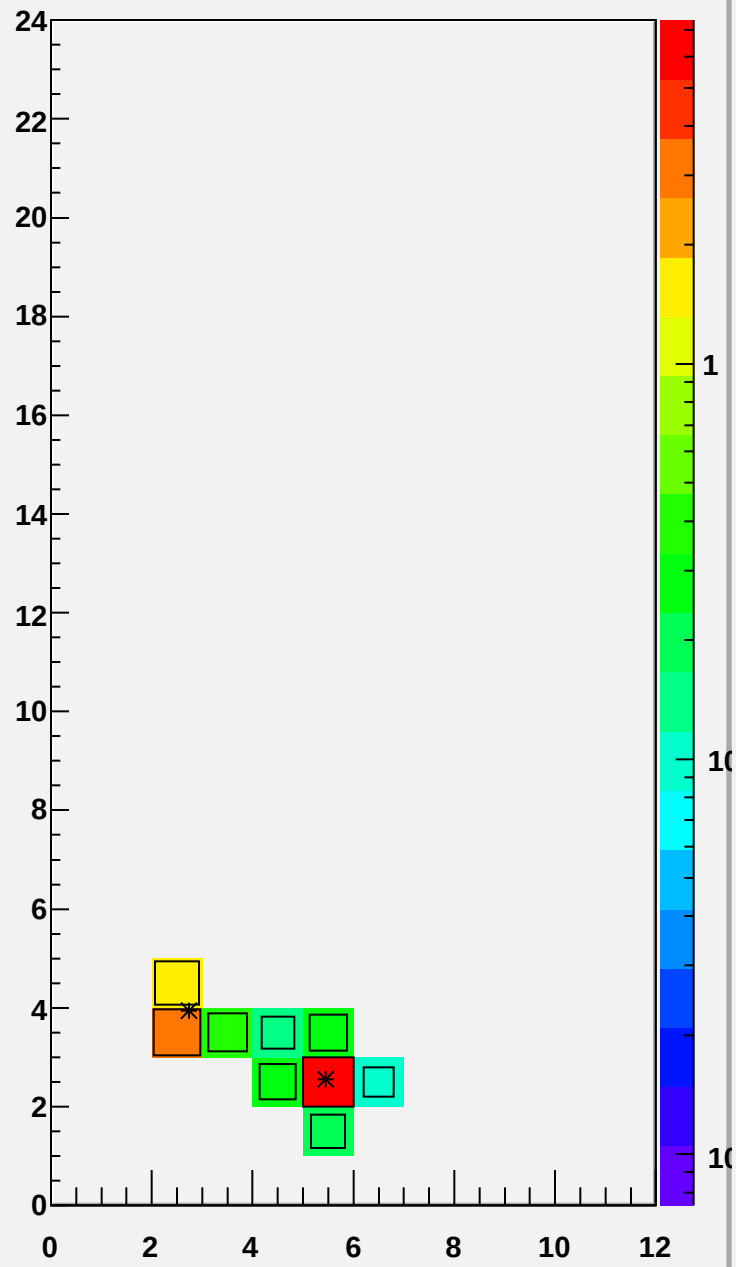
Mean x 3.339

Mean y 4.56

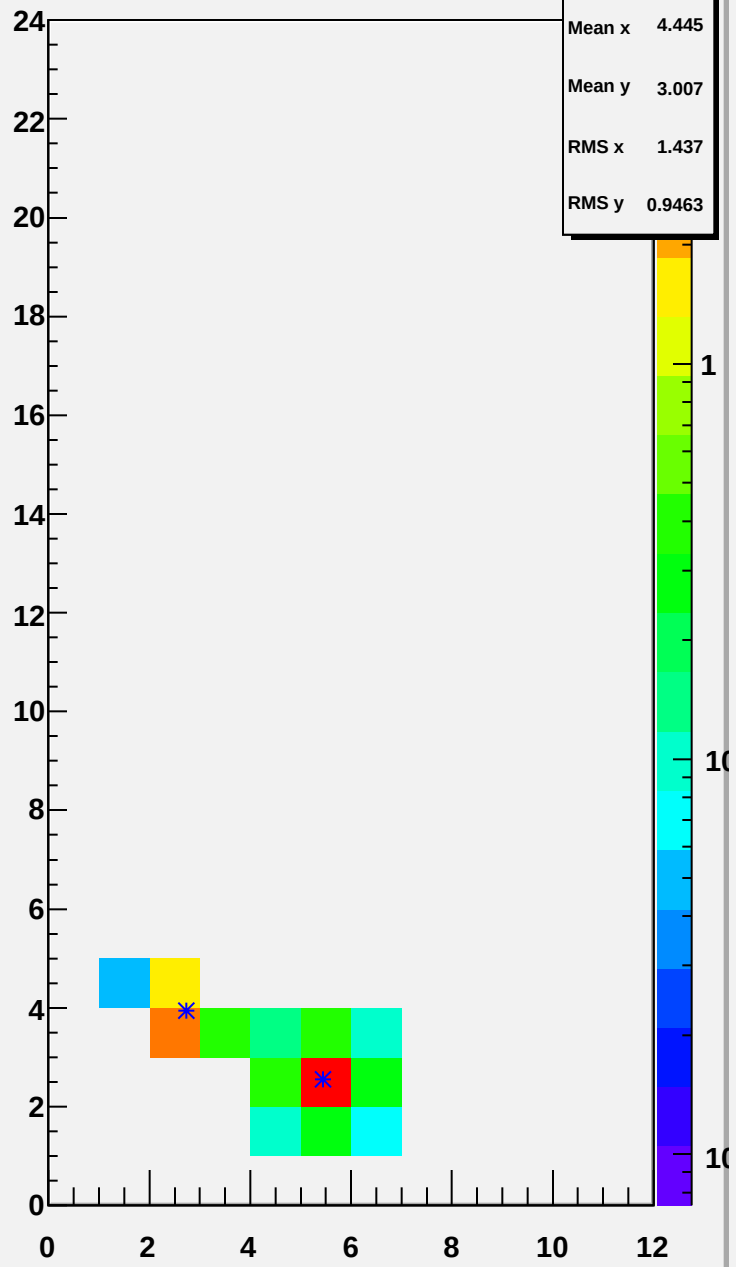
RMS x 1.179

RMS y 1.248

NSTB3_r4_c3_En=13.5_m0=0.119 m1=0.119 index=1295



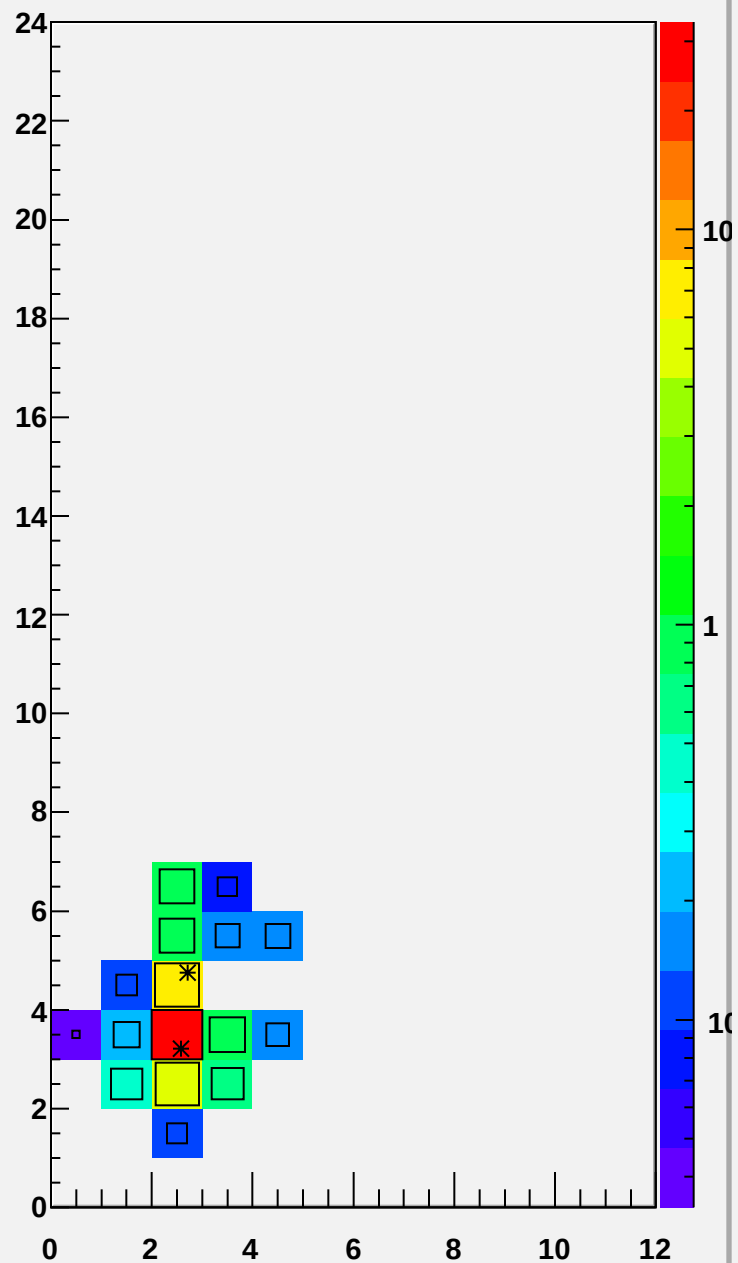
Fitted Energies



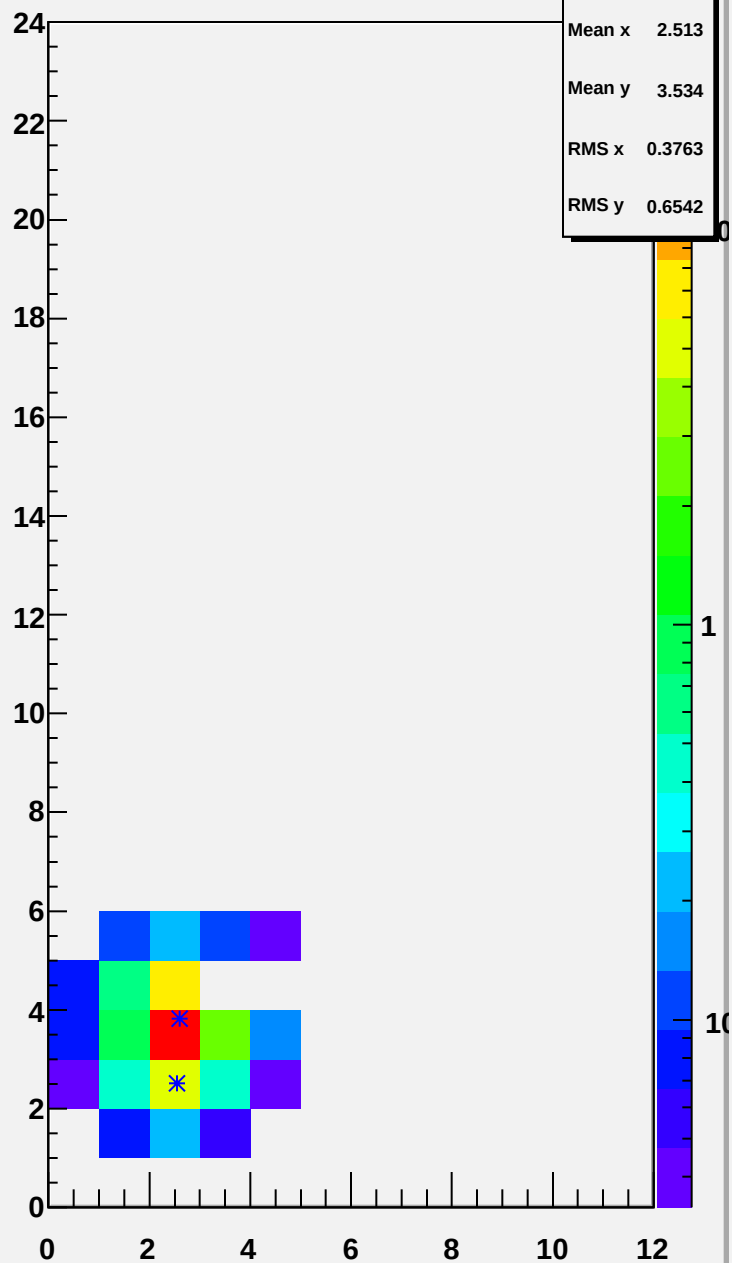
Efit

Entries	288
Mean x	4.445
Mean y	3.007
RMS x	1.437
RMS y	0.9463

NSTB3_r4_c3_En=50.5_m0=0.159 m1=-0.000 index=1296



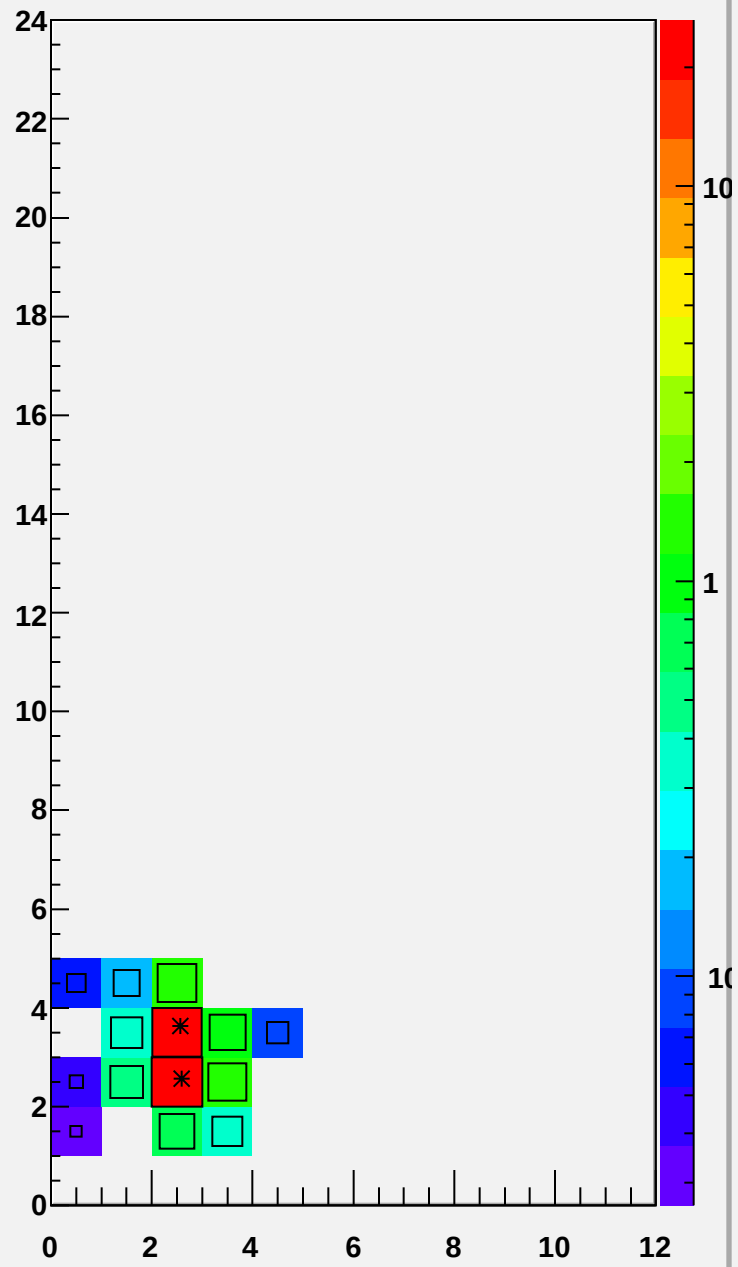
Fitted Energies



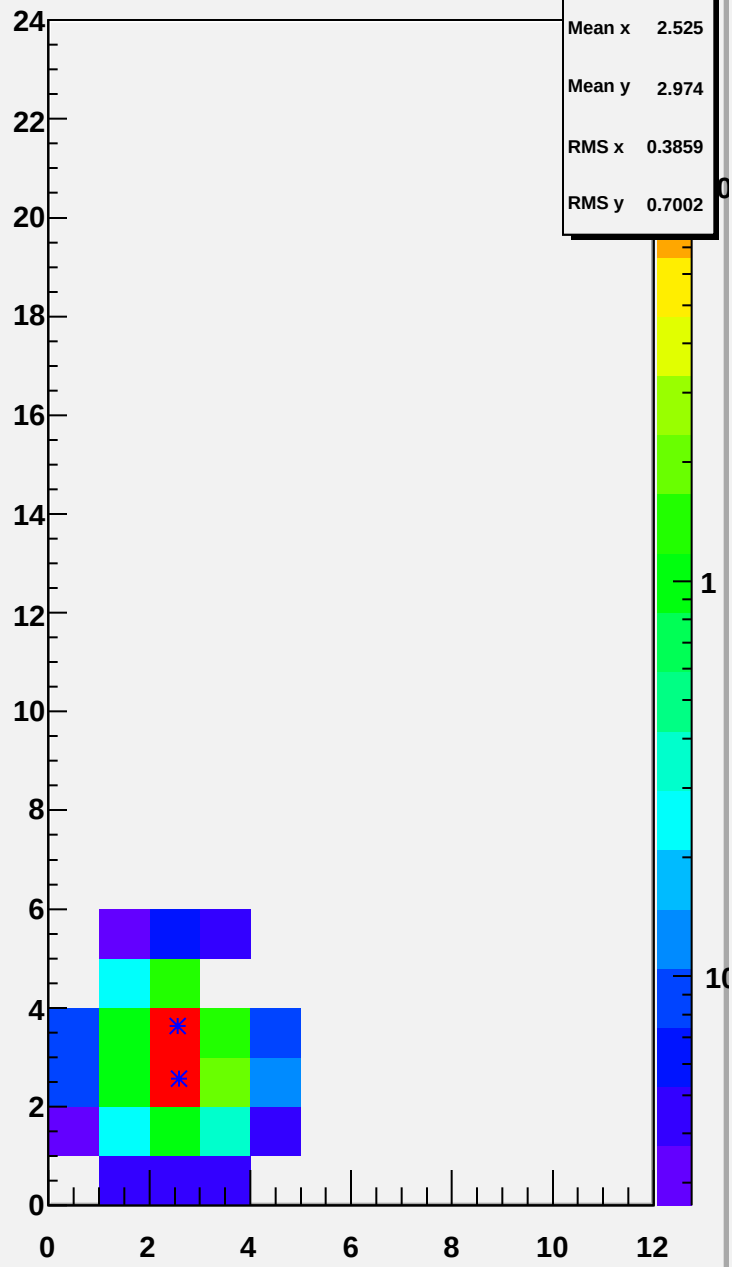
Efit

Entries	288
Mean x	2.513
Mean y	3.534
RMS x	0.3763
RMS y	0.6542

NSTB3_r4_c3_En=54.4_m0=0.163 m1=0.163 index=1298



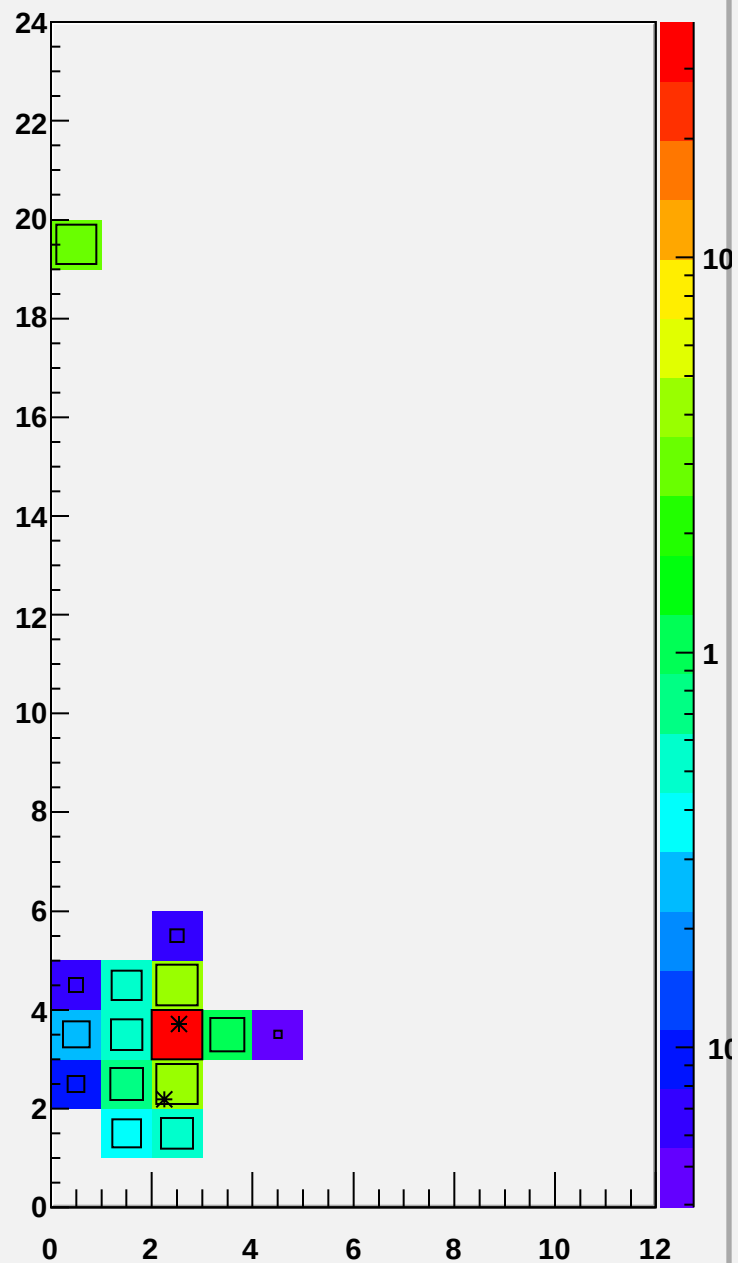
Fitted Energies



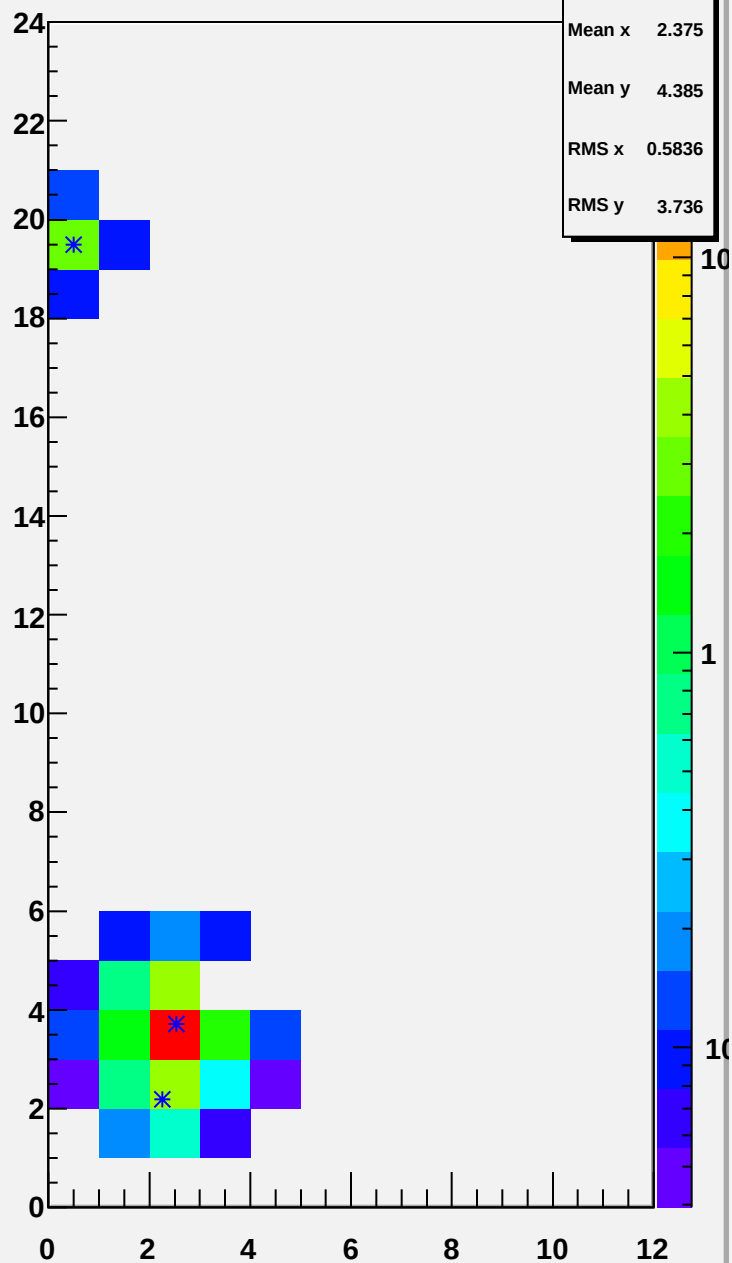
Efit

Entries	288
Mean x	2.525
Mean y	2.974
RMS x	0.3859
RMS y	0.7002

NSTB3_r4_c3_En=55.1_m0=0.125_m1=0.125_index=1299



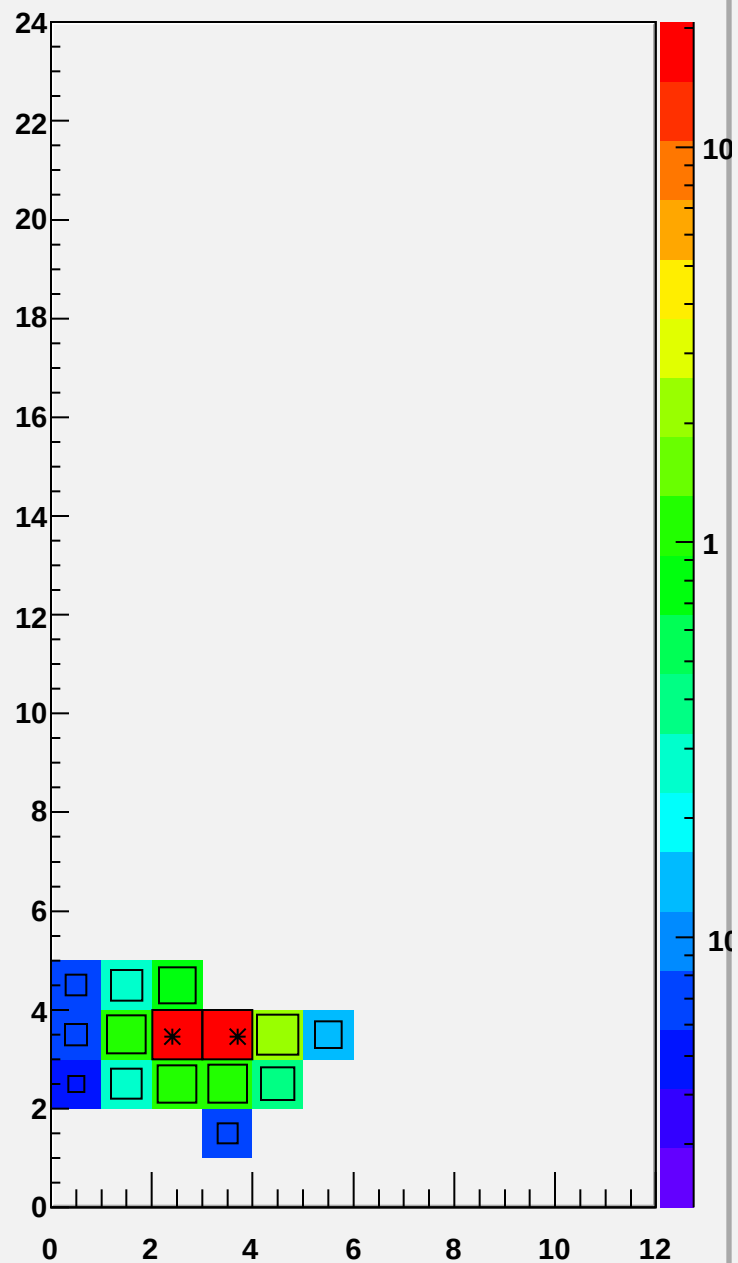
Fitted Energies



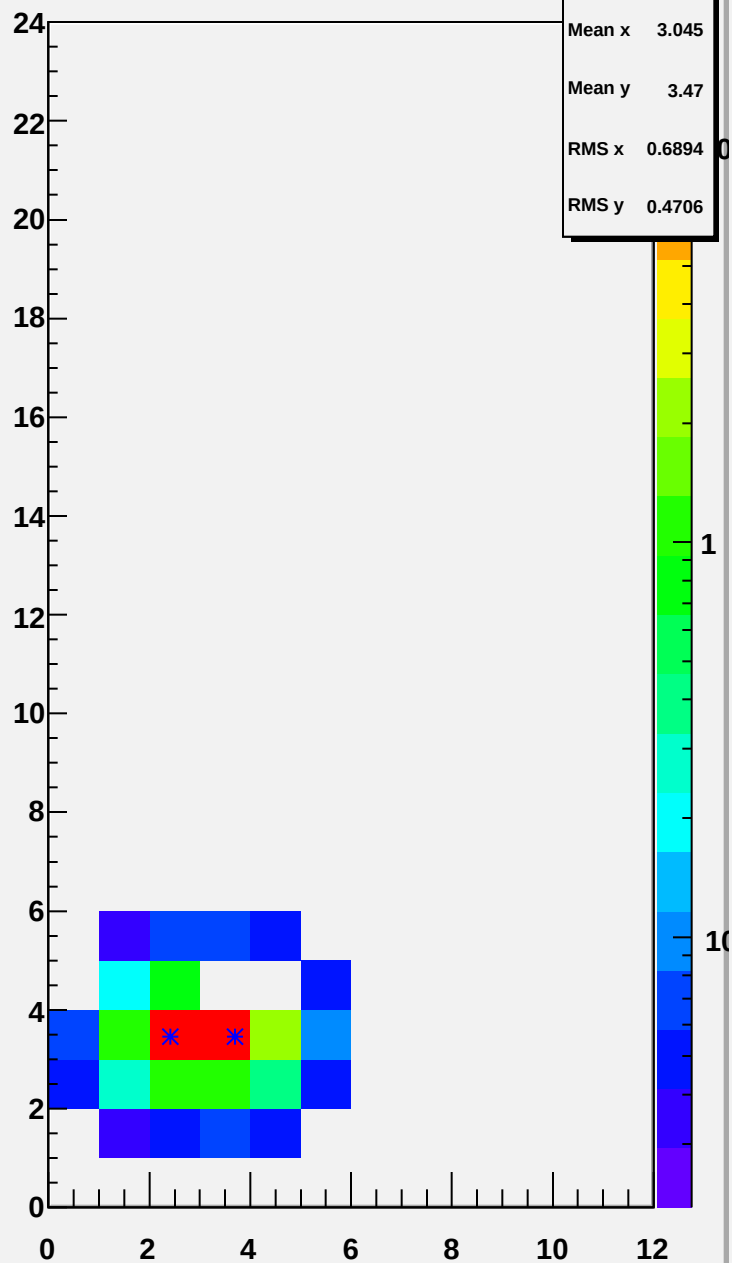
Efit

Entries	288
Mean x	2.375
Mean y	4.385
RMS x	0.5836
RMS y	3.736

NSTB3_r4_c3_En=47.3_m0=0.167 m1=0.167 index=1300



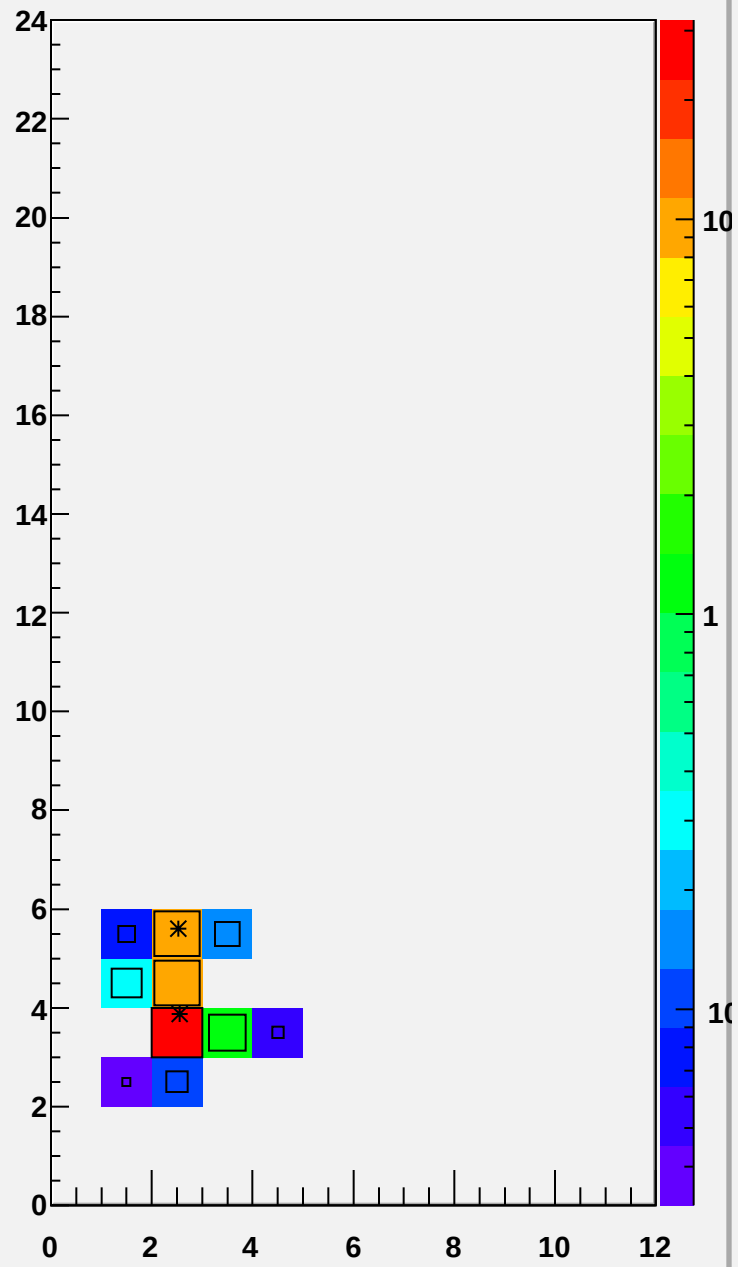
Fitted Energies



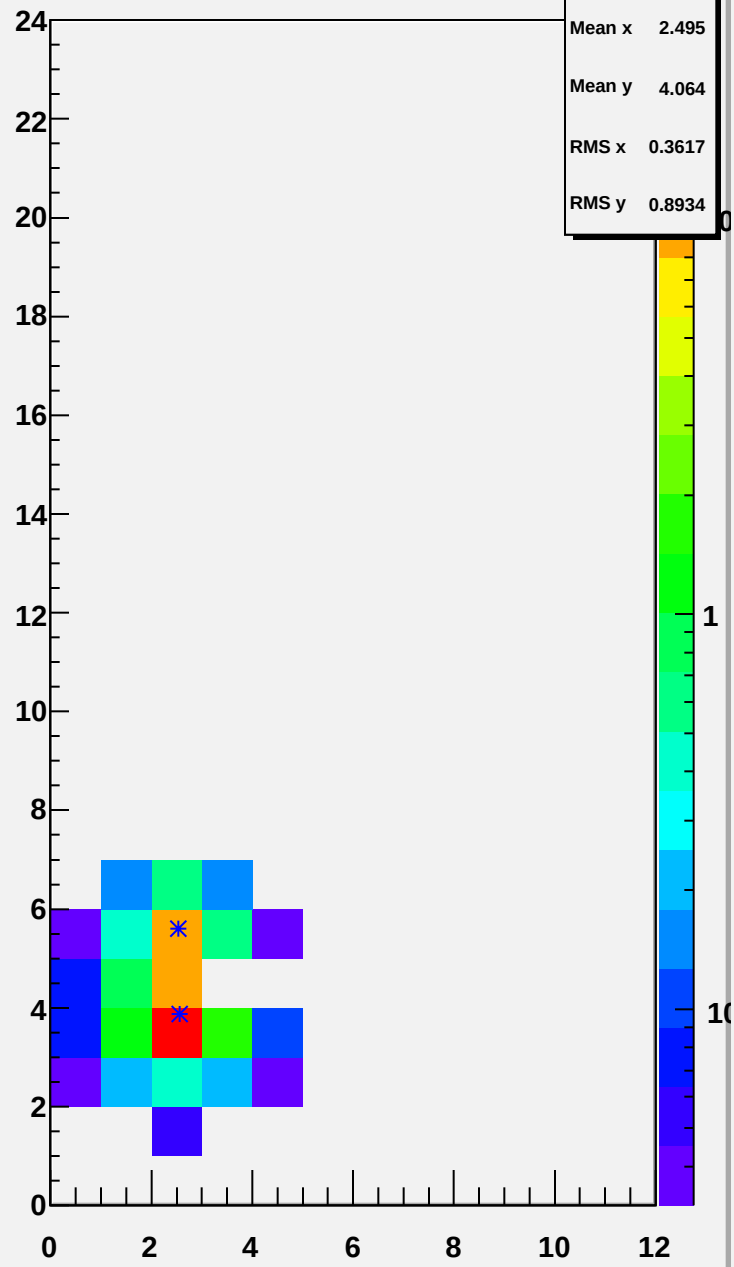
Efit

Entries	288
Mean x	3.045
Mean y	3.47
RMS x	0.6894
RMS y	0.4706

NSTB3_r4_c3_En=52.8_m0=0.209 m1=0.209 index=1301



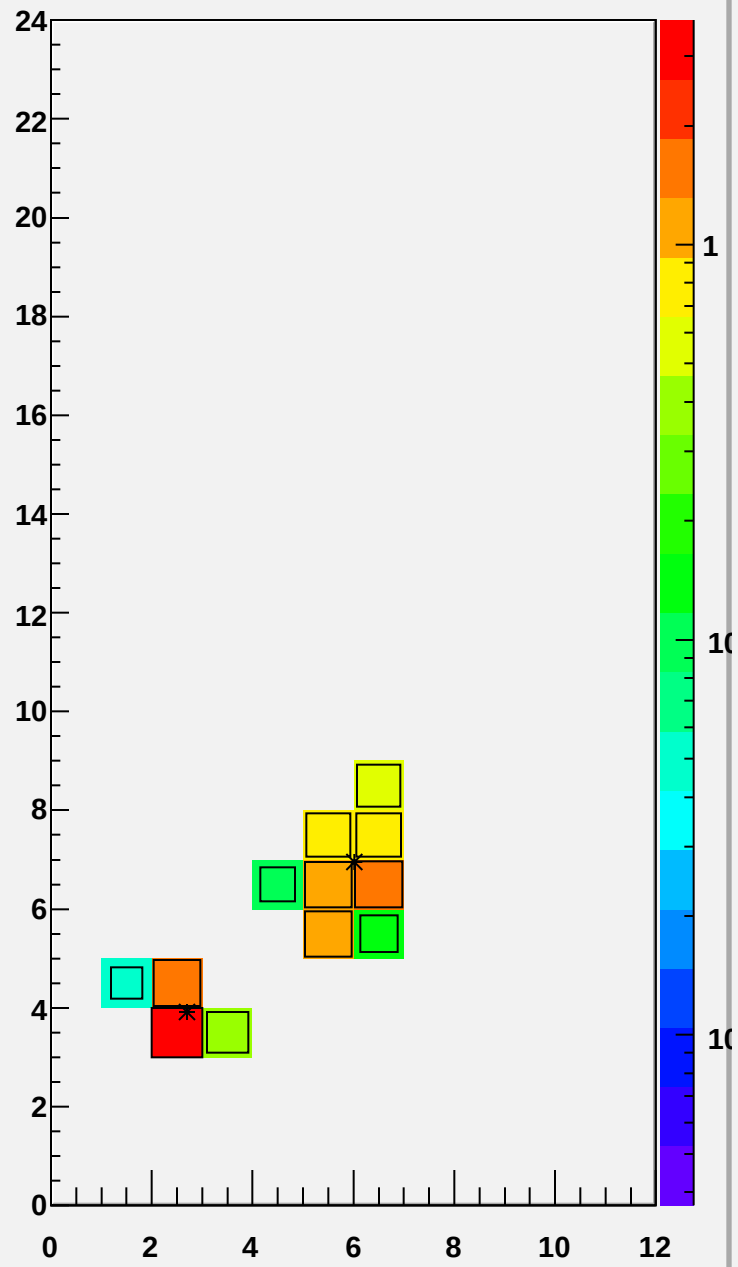
Fitted Energies



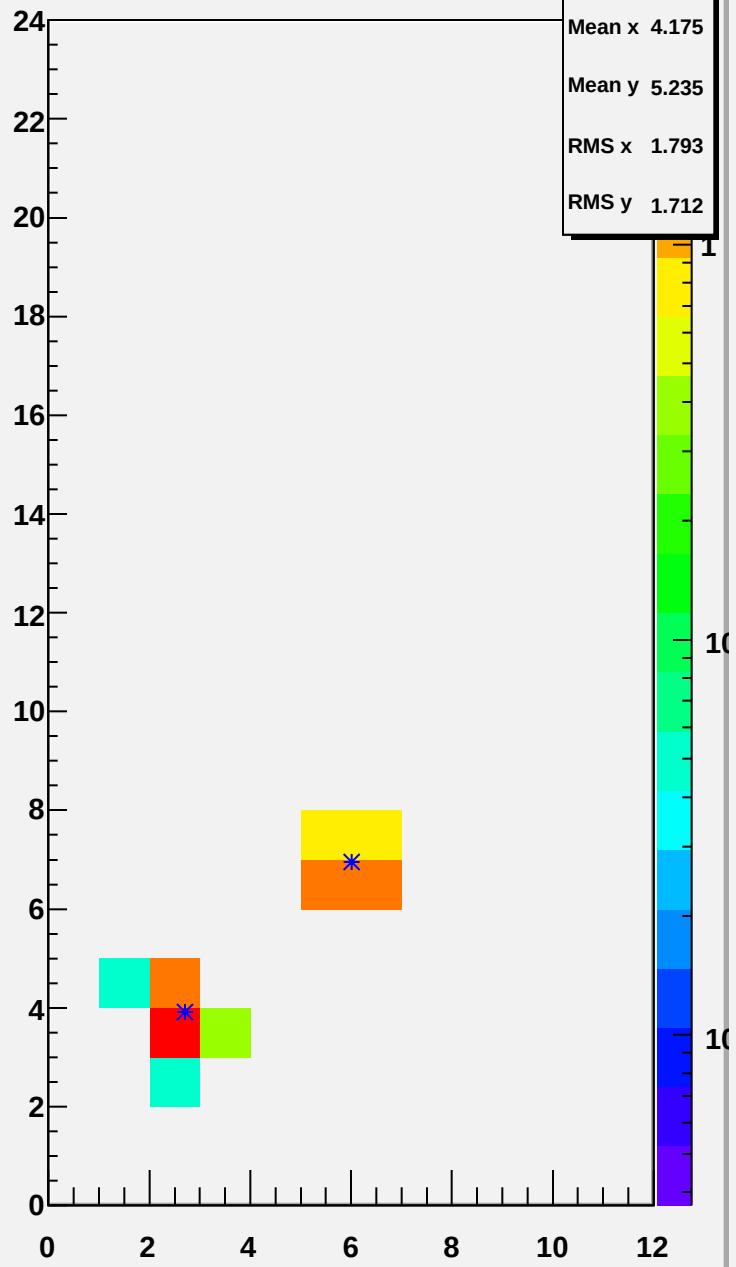
Efit

Entries	288
Mean x	2.495
Mean y	4.064
RMS x	0.3617
RMS y	0.8934

NSTB3_r4_c3_En=12.0_m0=0.140 m1=0.140 index=1302



Fitted Energies



Efit

Entries 288

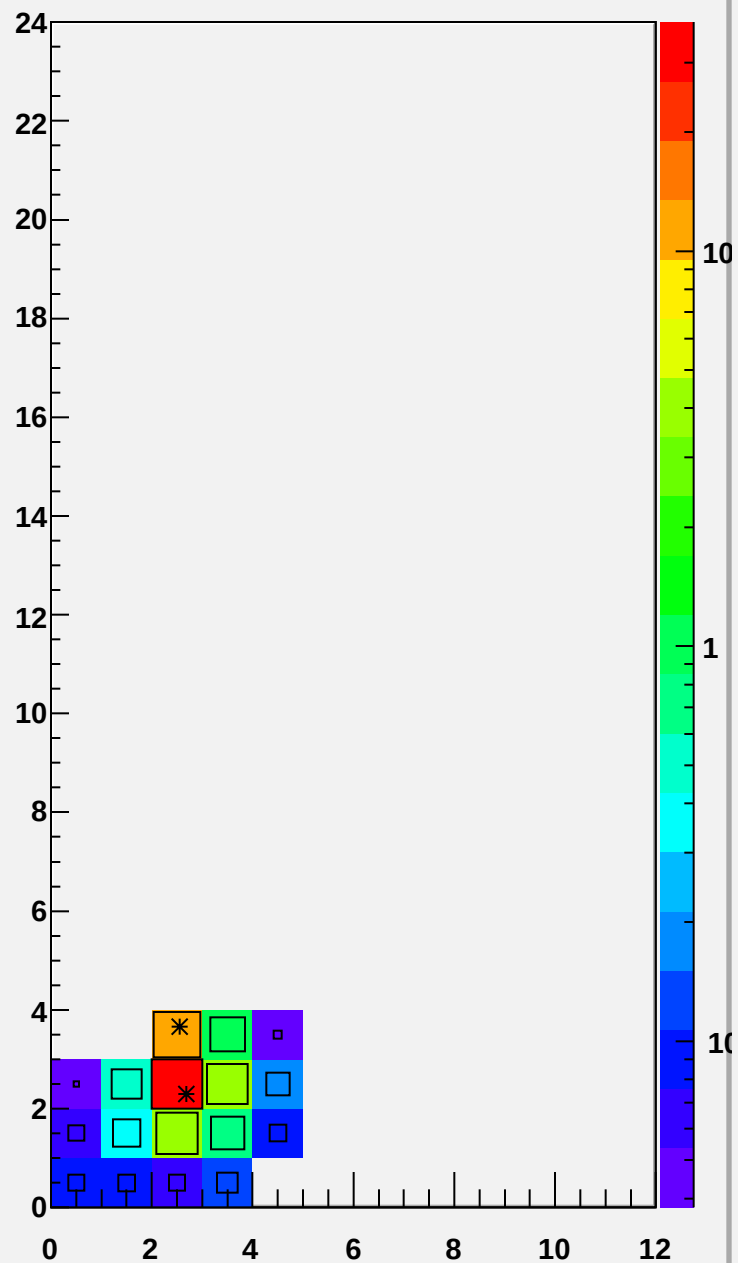
Mean x 4.175

Mean y 5.235

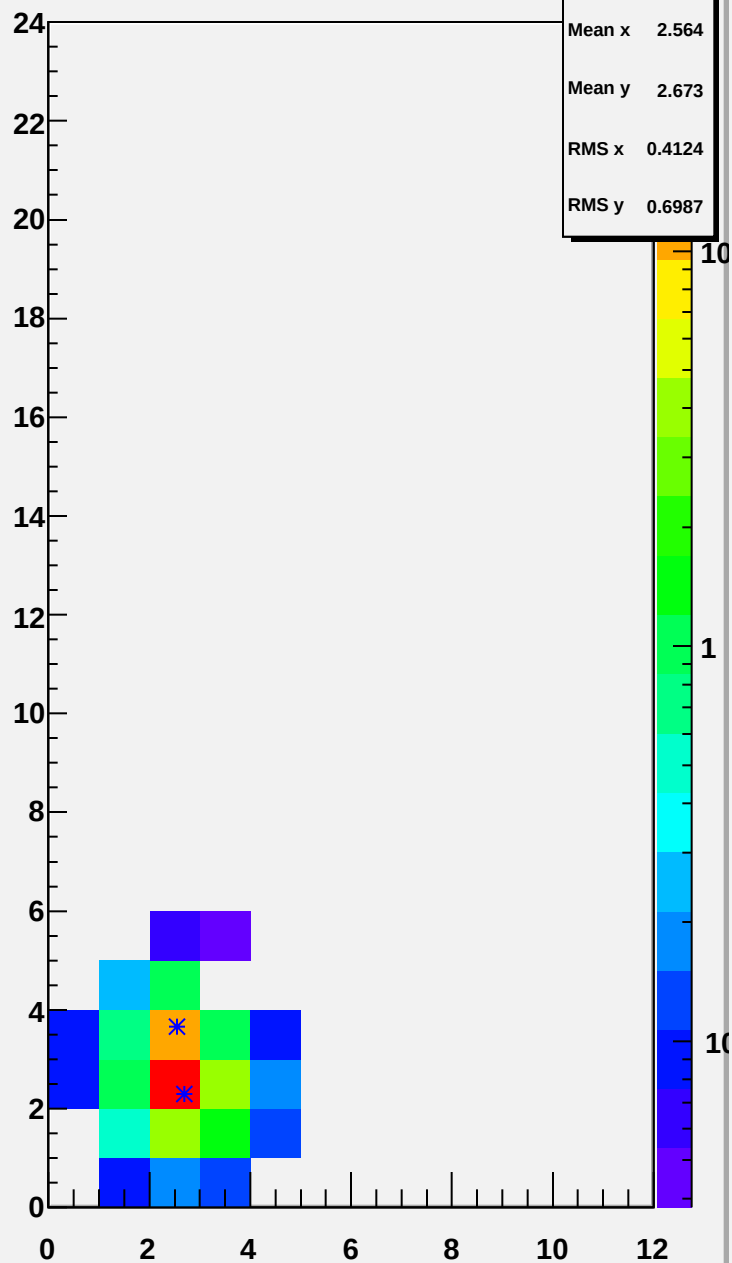
RMS x 1.793

RMS y 1.712

NSTB3_r4_c3_En=61.5_m0=0.200 m1=0.201 index=1303



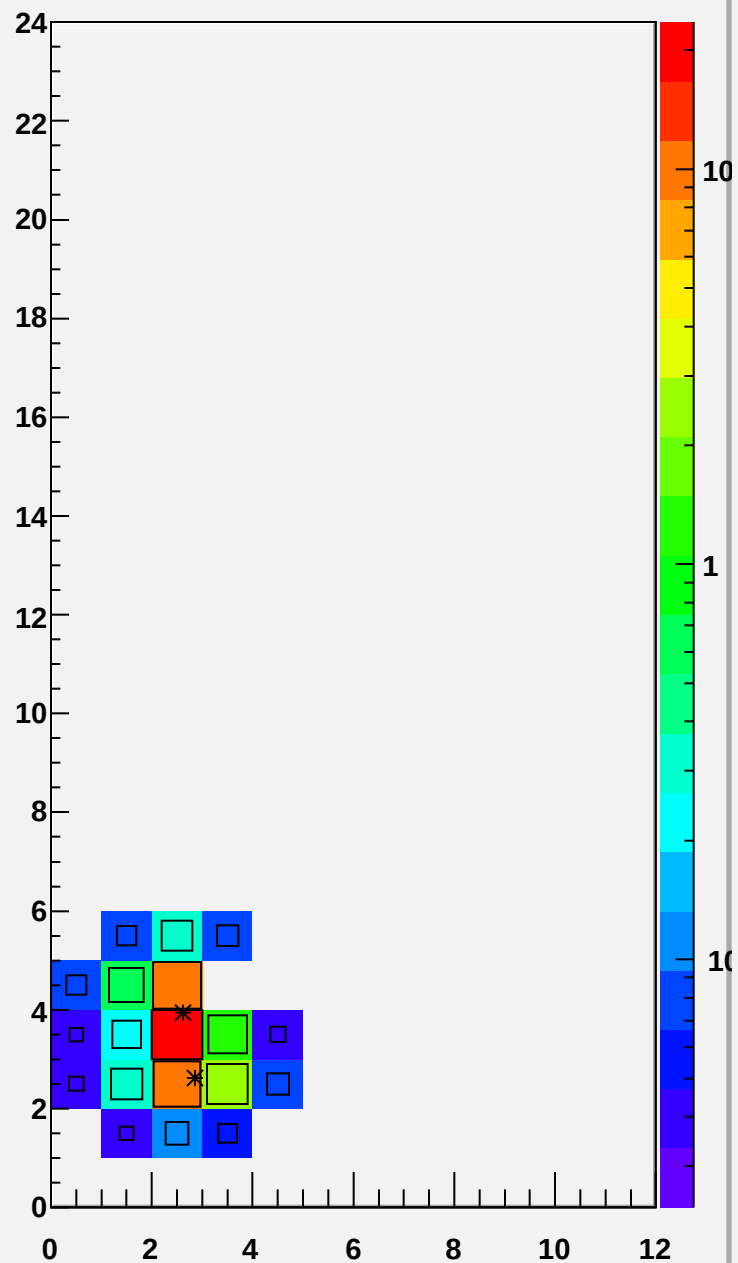
Fitted Energies



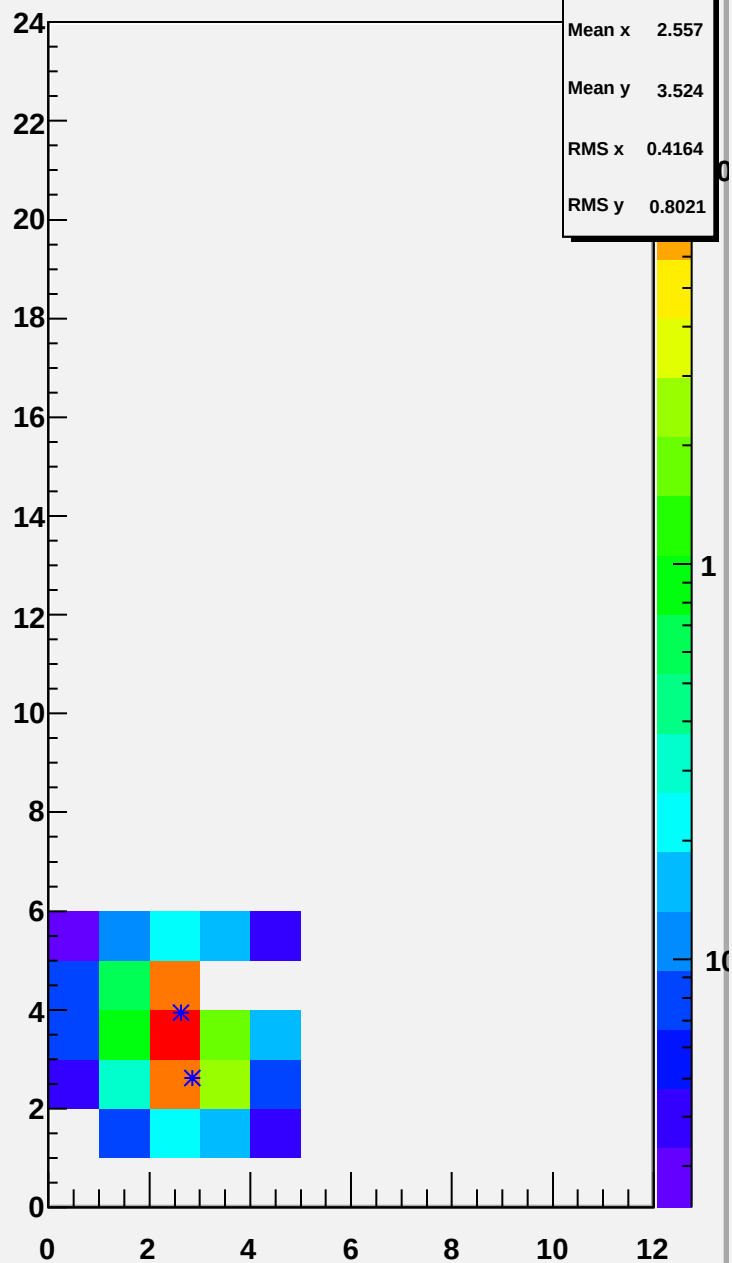
Efit

Entries	288
Mean x	2.564
Mean y	2.673
RMS x	0.4124
RMS y	0.6987

NSTB3_r4_c3_En=49.5_m0=0.161 m1=0.160 index=1304



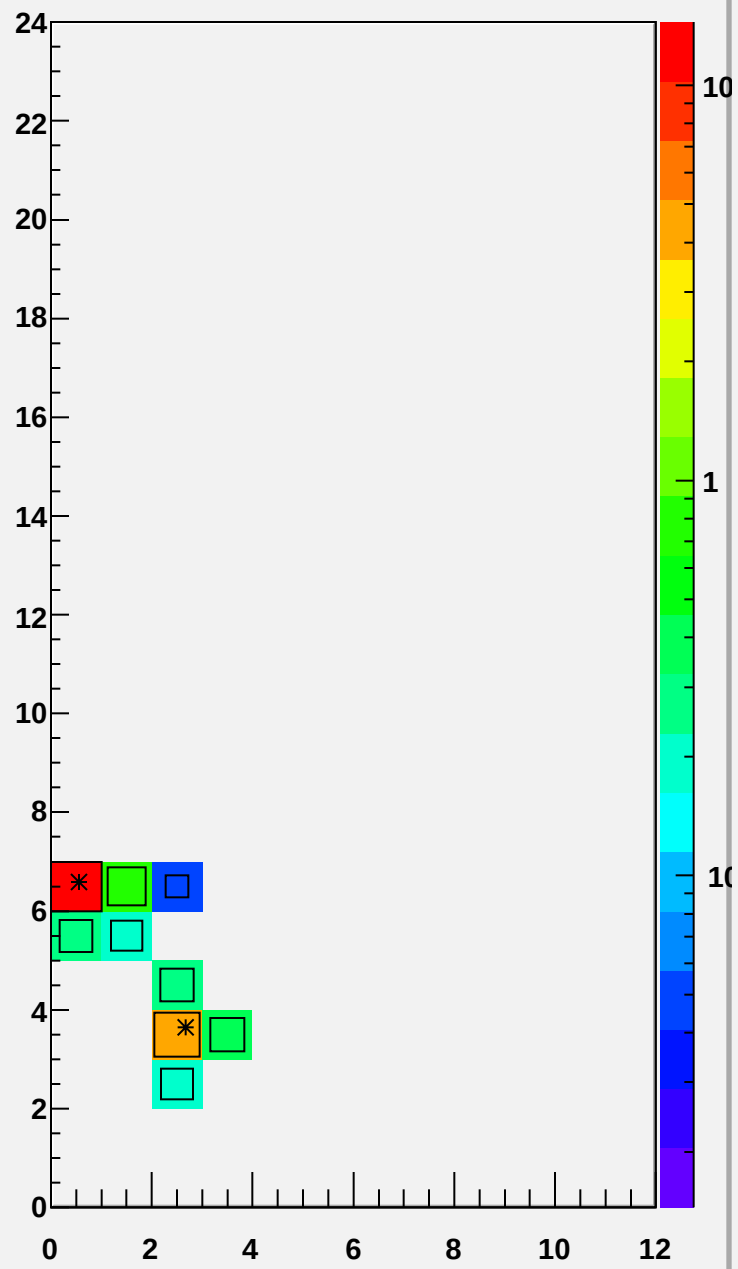
Fitted Energies



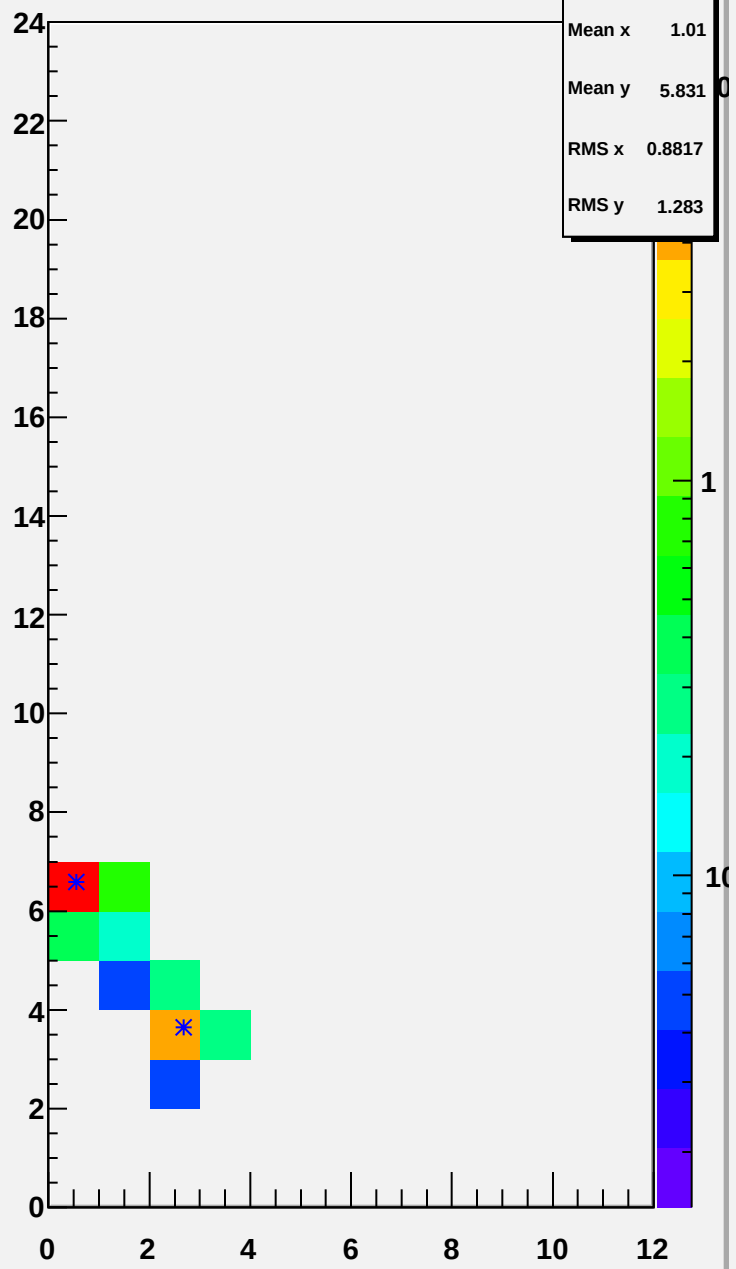
Efit

Entries	288
Mean x	2.557
Mean y	3.524
RMS x	0.4164
RMS y	0.8021

NSTB3_r4_c3_En=20.4_m0=0.183 m1=0.183 index=1305



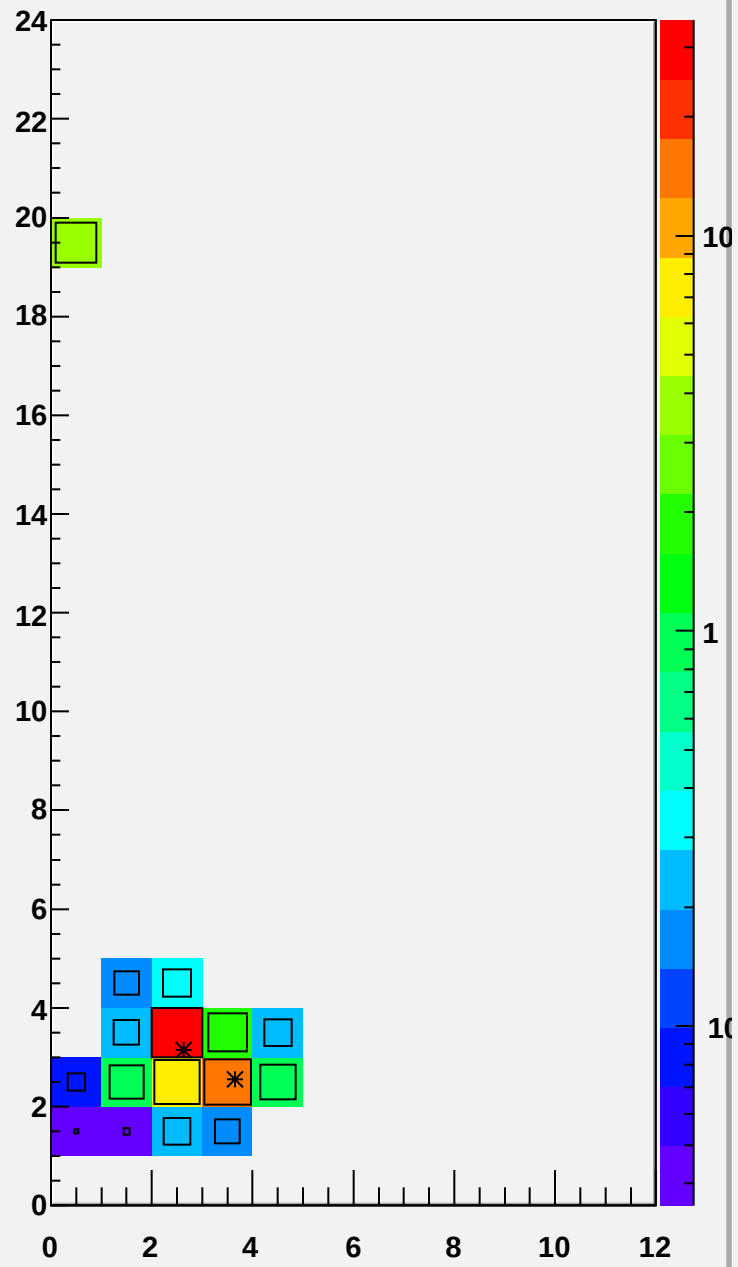
Fitted Energies



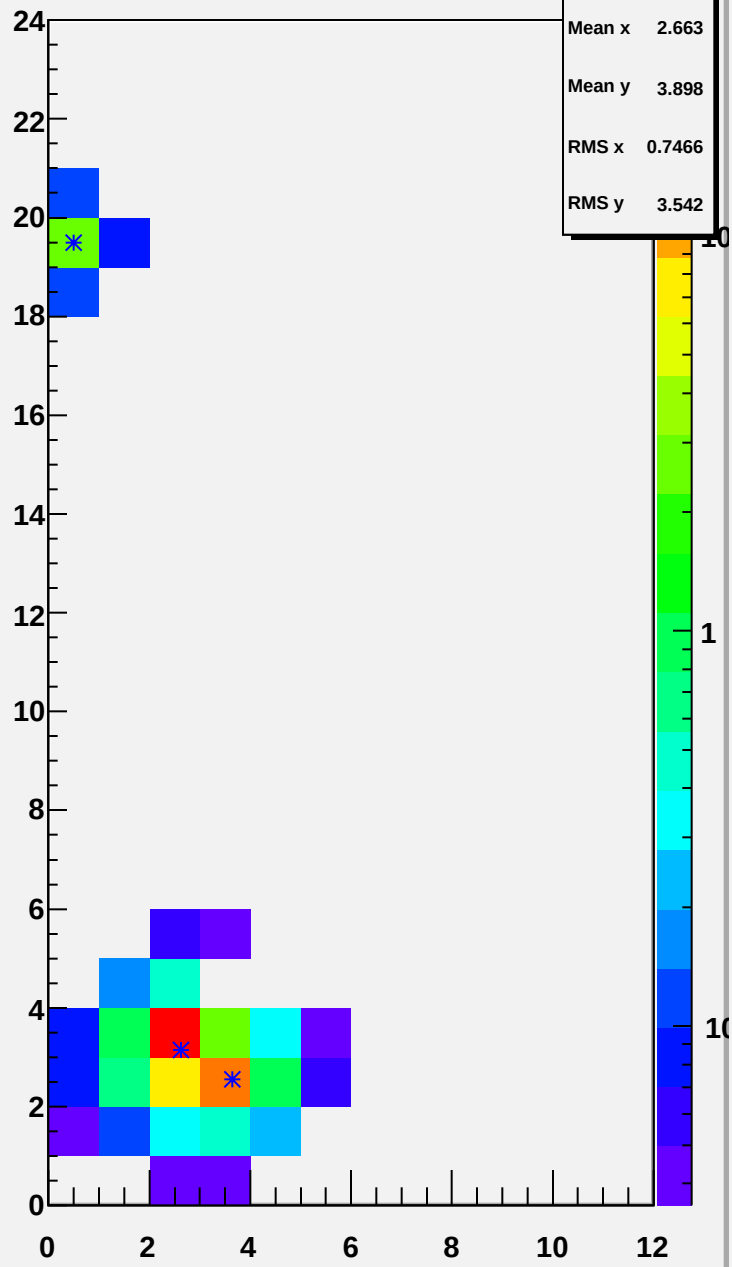
Efit

Entries	288
Mean x	1.01
Mean y	5.831
RMS x	0.8817
RMS y	1.283

NSTB3_r4_c3_En=65.8_m0=0.168 m1=0.168 index=1306



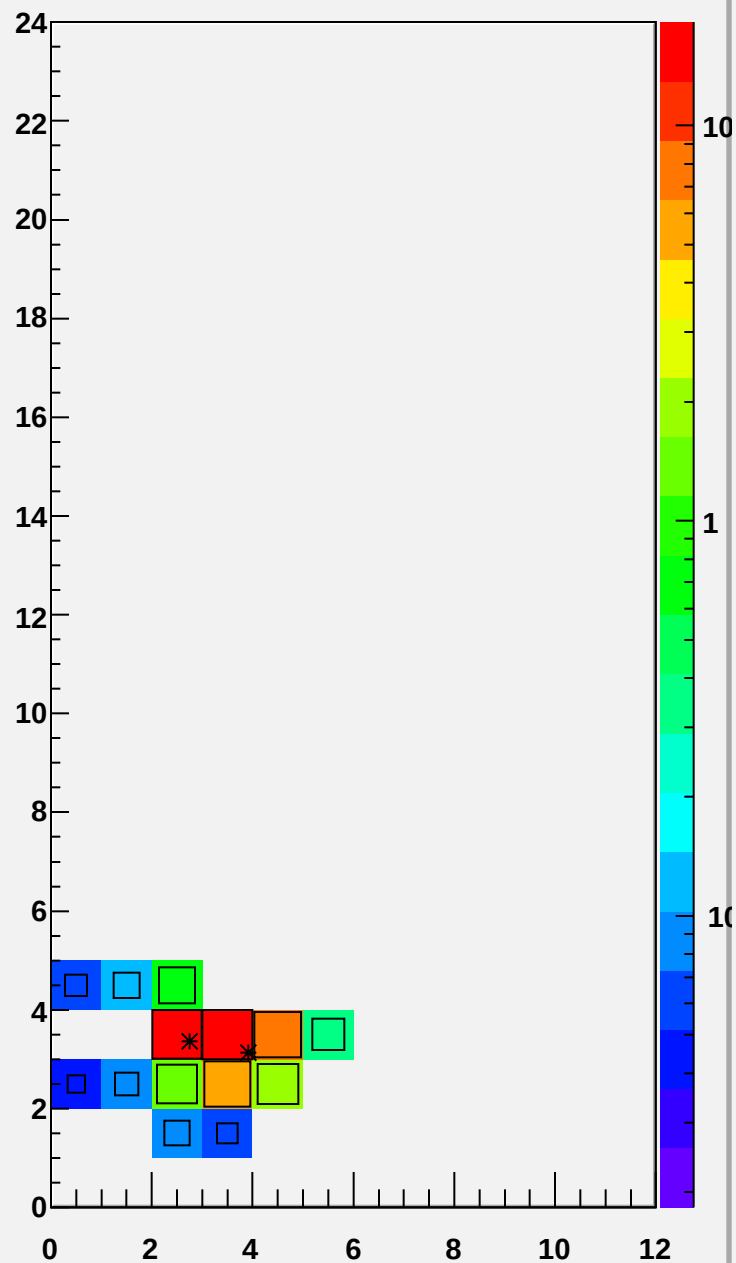
Fitted Energies



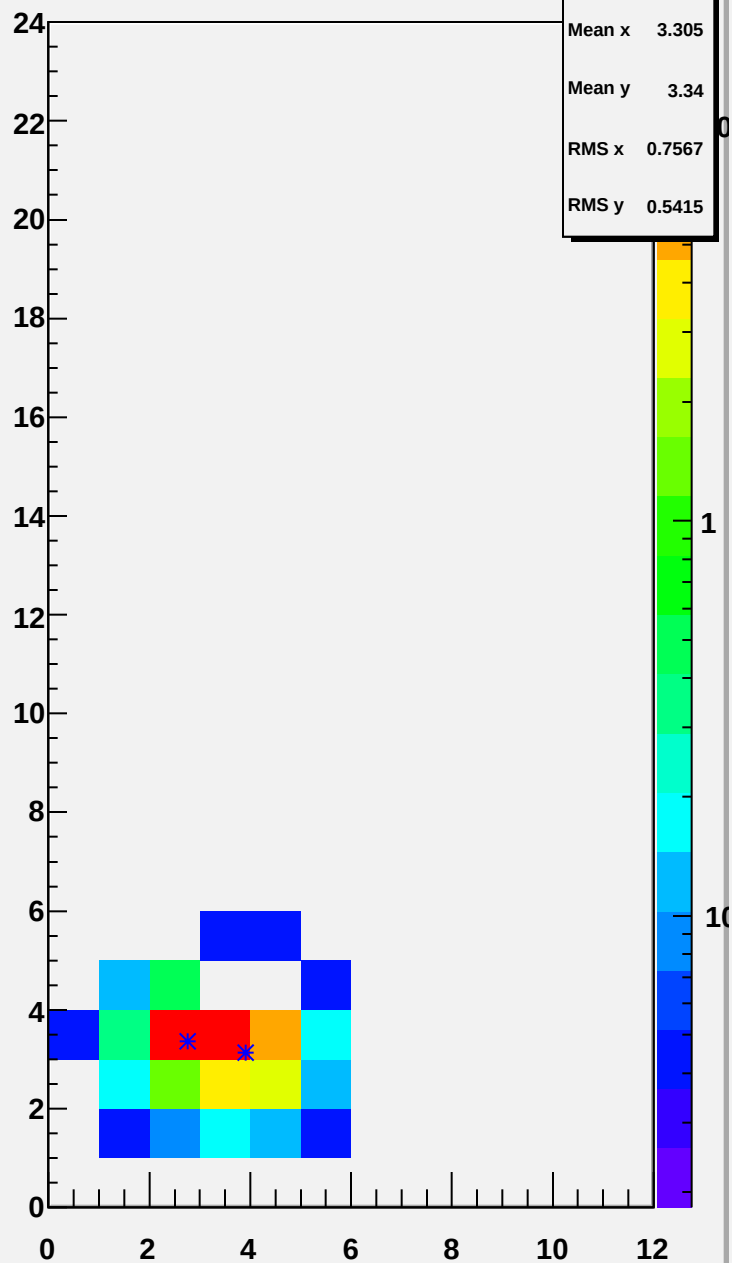
Efit

Entries	288
Mean x	2.663
Mean y	3.898
RMS x	0.7466
RMS y	3.542

NSTB3_r4_c3_En=50.6_m0=0.160 m1=0.160 index=1307



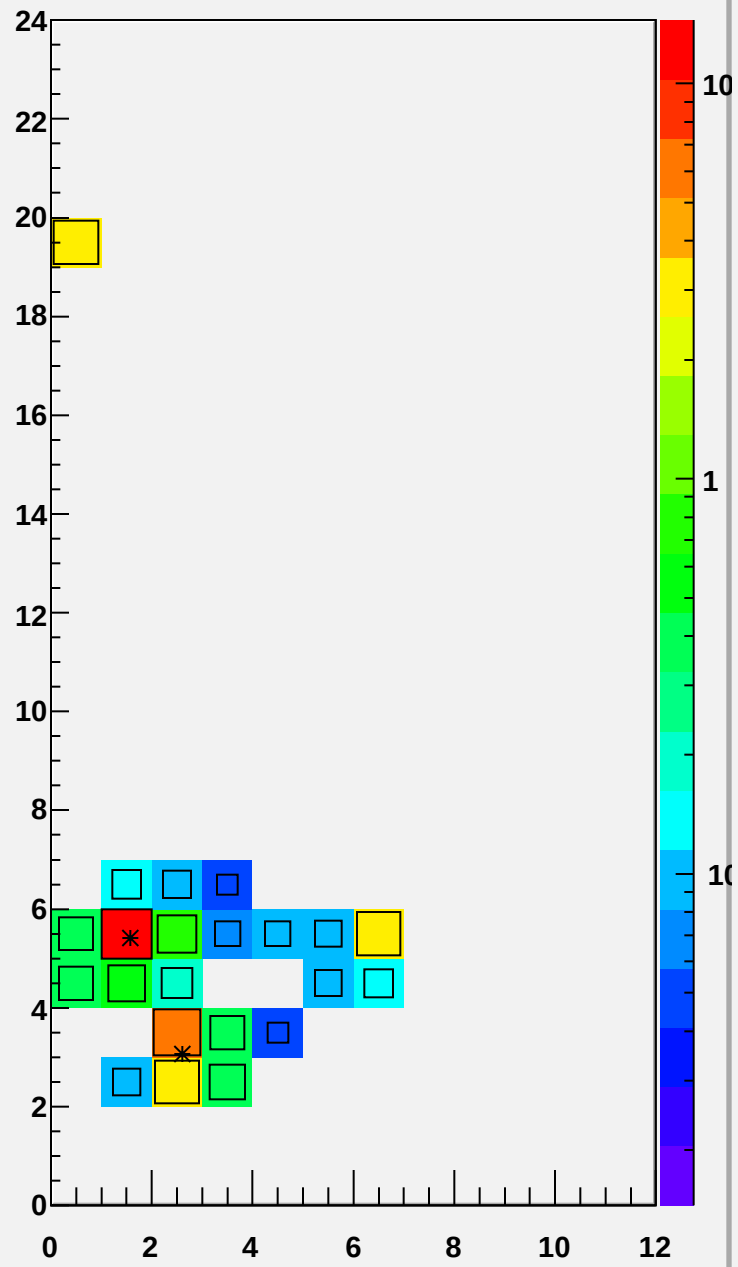
Fitted Energies



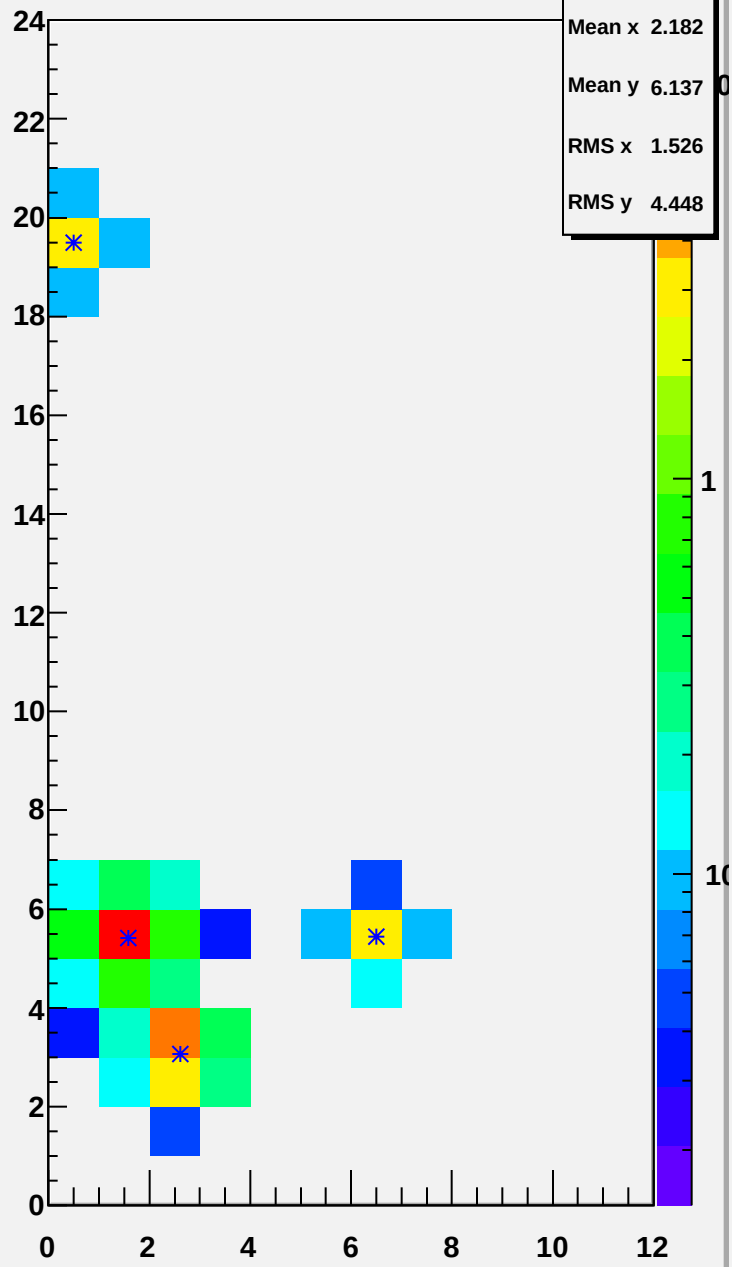
Efit

Entries	288
Mean x	3.305
Mean y	3.34
RMS x	0.7567
RMS y	0.5415

NSTB3_r4_c3_En=32.9_m0=0.190 m1=0.189 index=1308



Fitted Energies



Efit

Entries 288

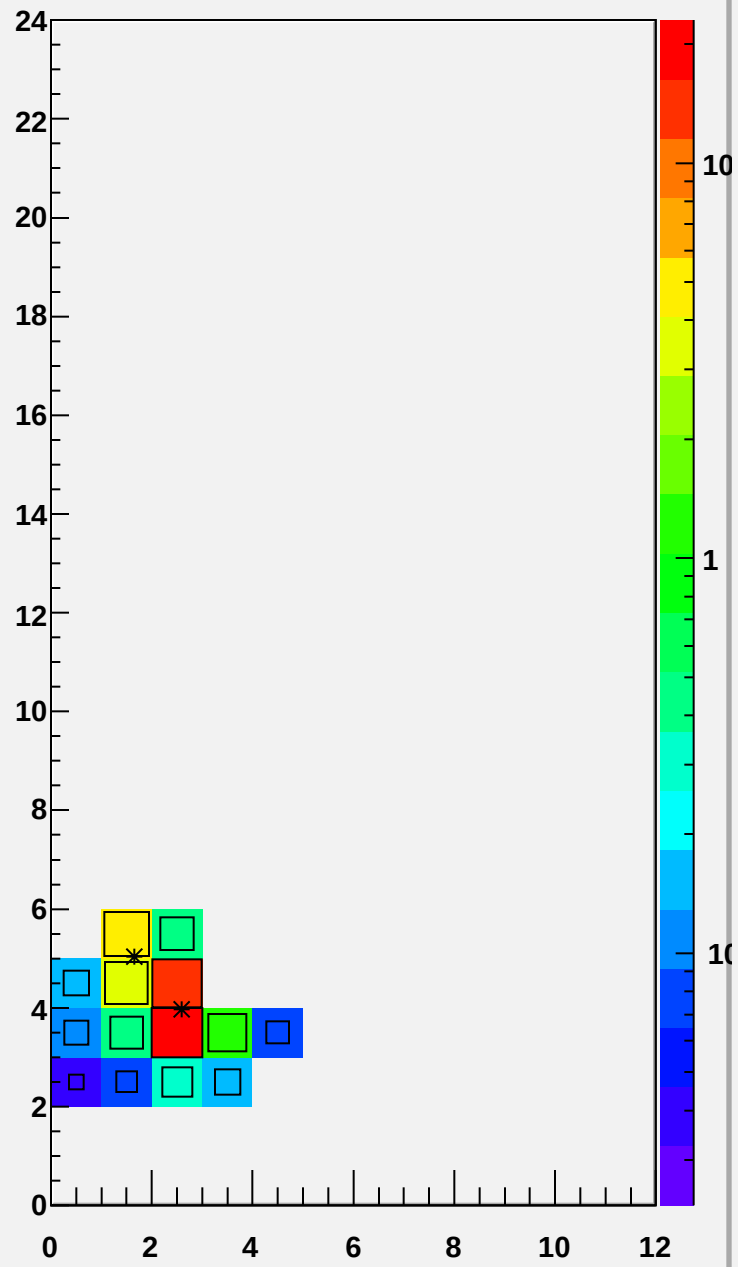
Mean x 2.182

Mean y 6.137

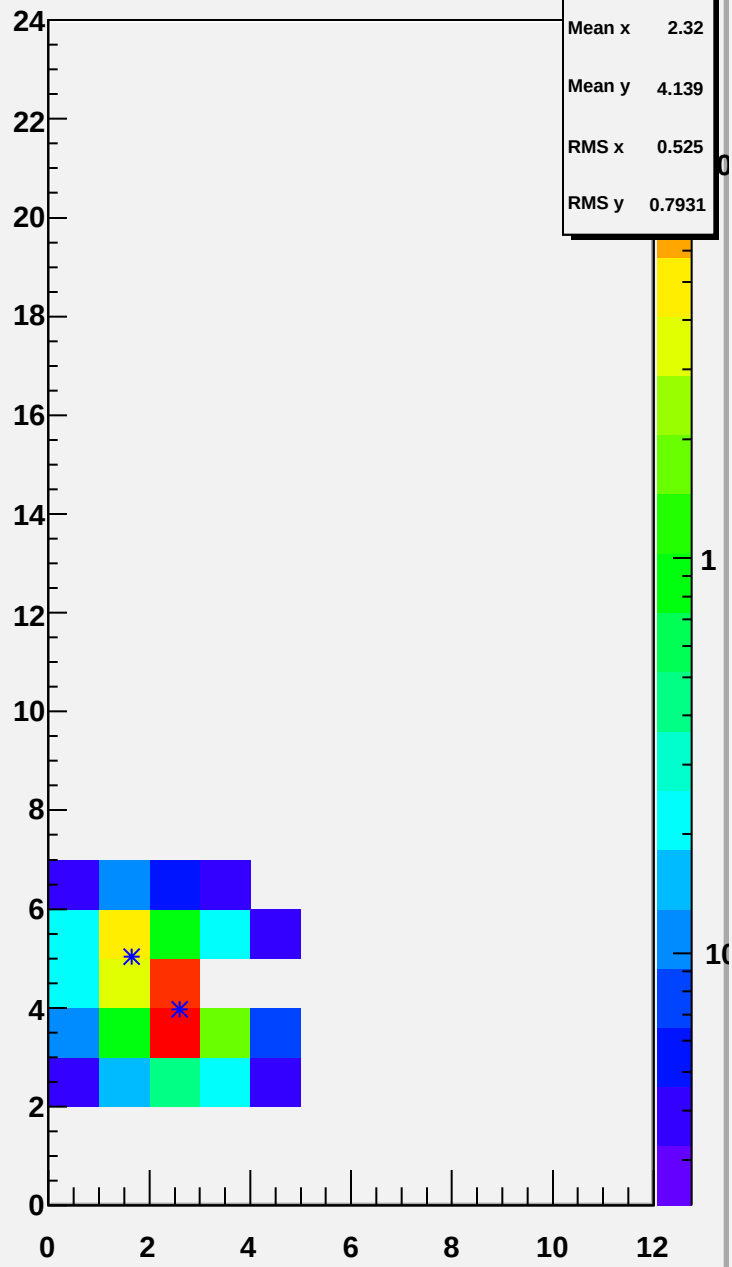
RMS x 1.526

RMS y 4.448

NSTB3_r4_c3_En=50.3_m0=0.170 m1=0.171 index=1309



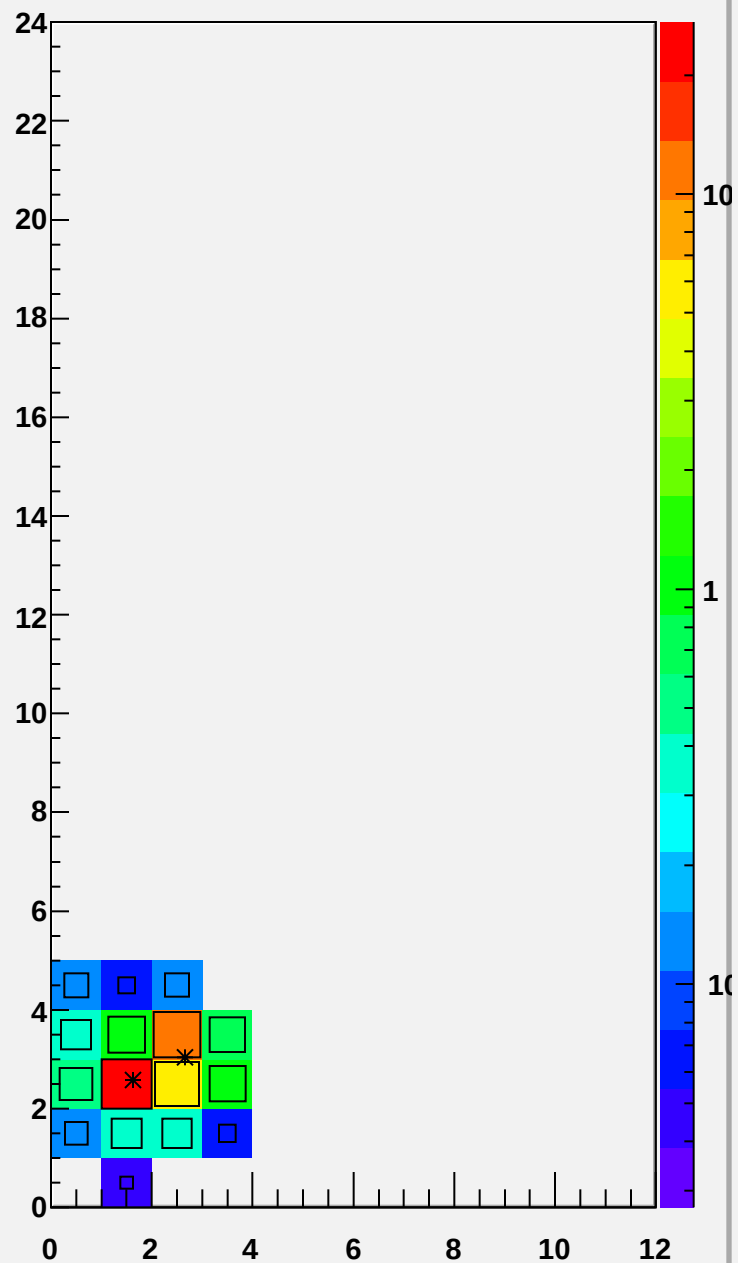
Fitted Energies



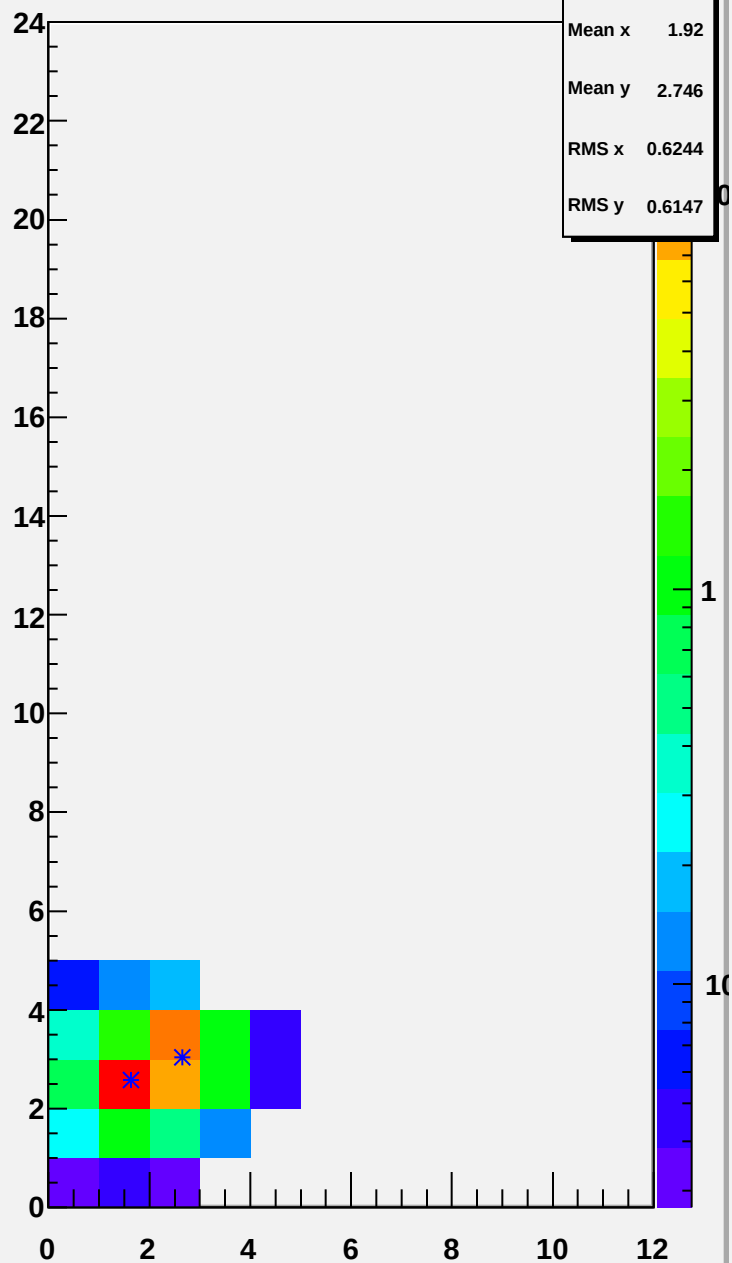
Efit

Entries	288
Mean x	2.32
Mean y	4.139
RMS x	0.525
RMS y	0.7931

NSTB3_r4_c3_En=47.9_m0=0.155 m1=0.155 index=1310



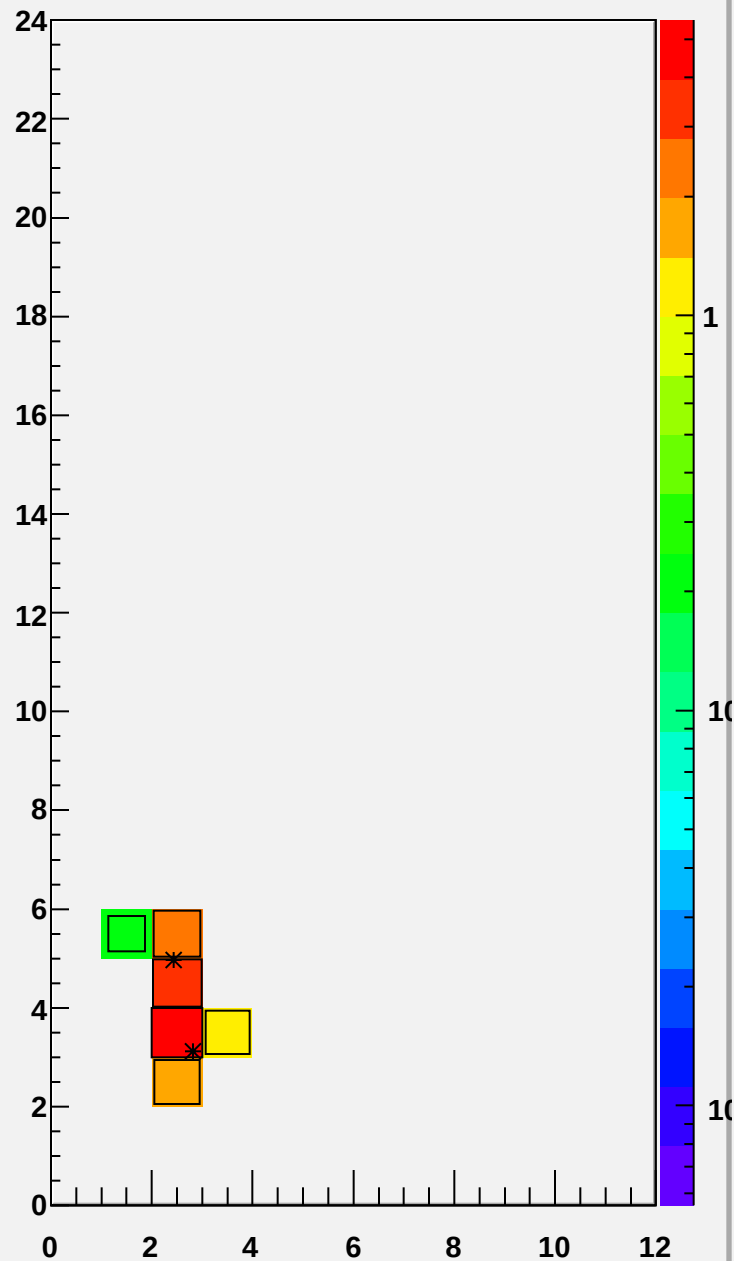
Fitted Energies



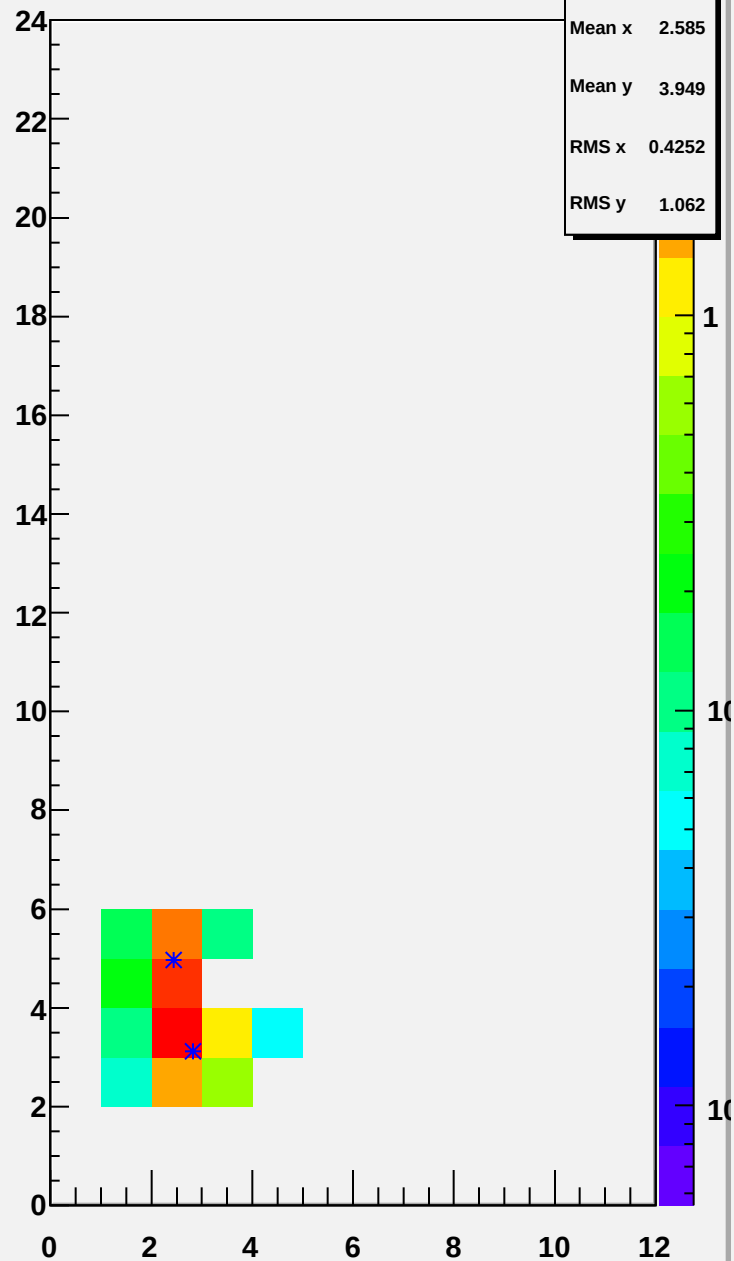
Efit

Entries	288
Mean x	1.92
Mean y	2.746
RMS x	0.6244
RMS y	0.6147

NSTB3_r4_c3_En=13.9_m0=0.080 m1=0.080 index=1311



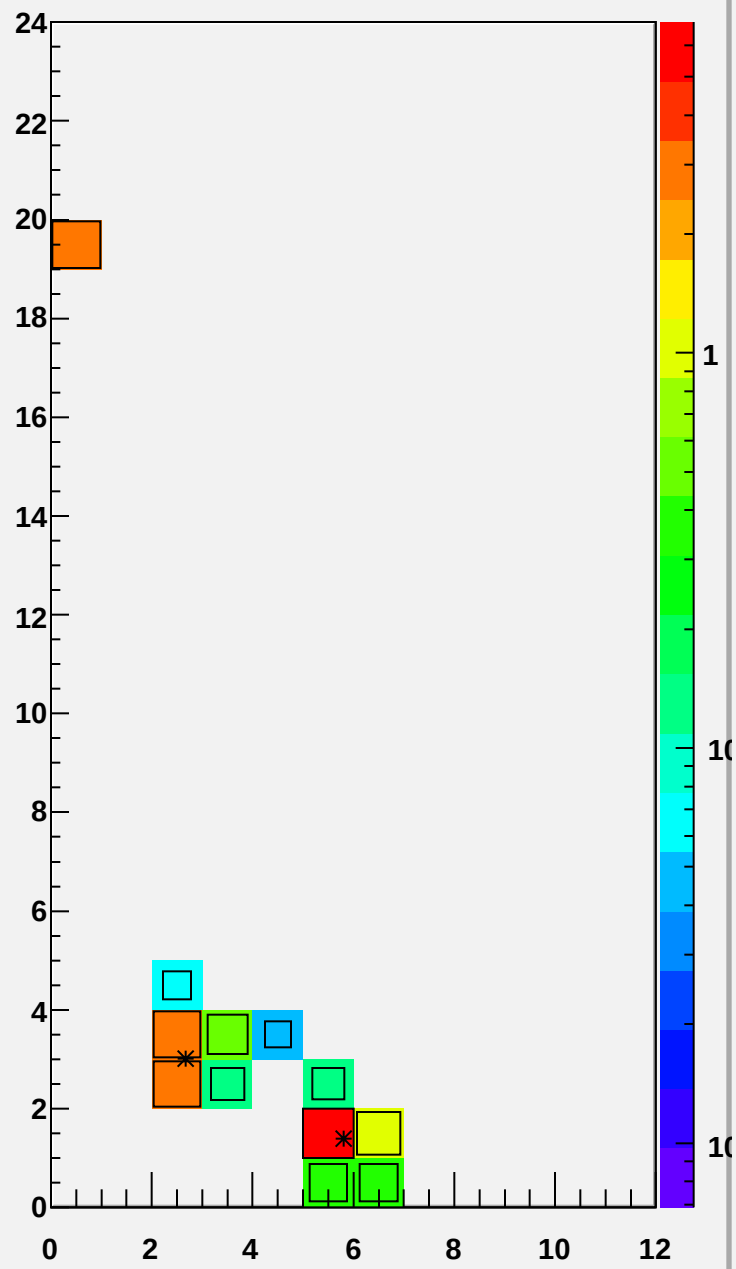
Fitted Energies



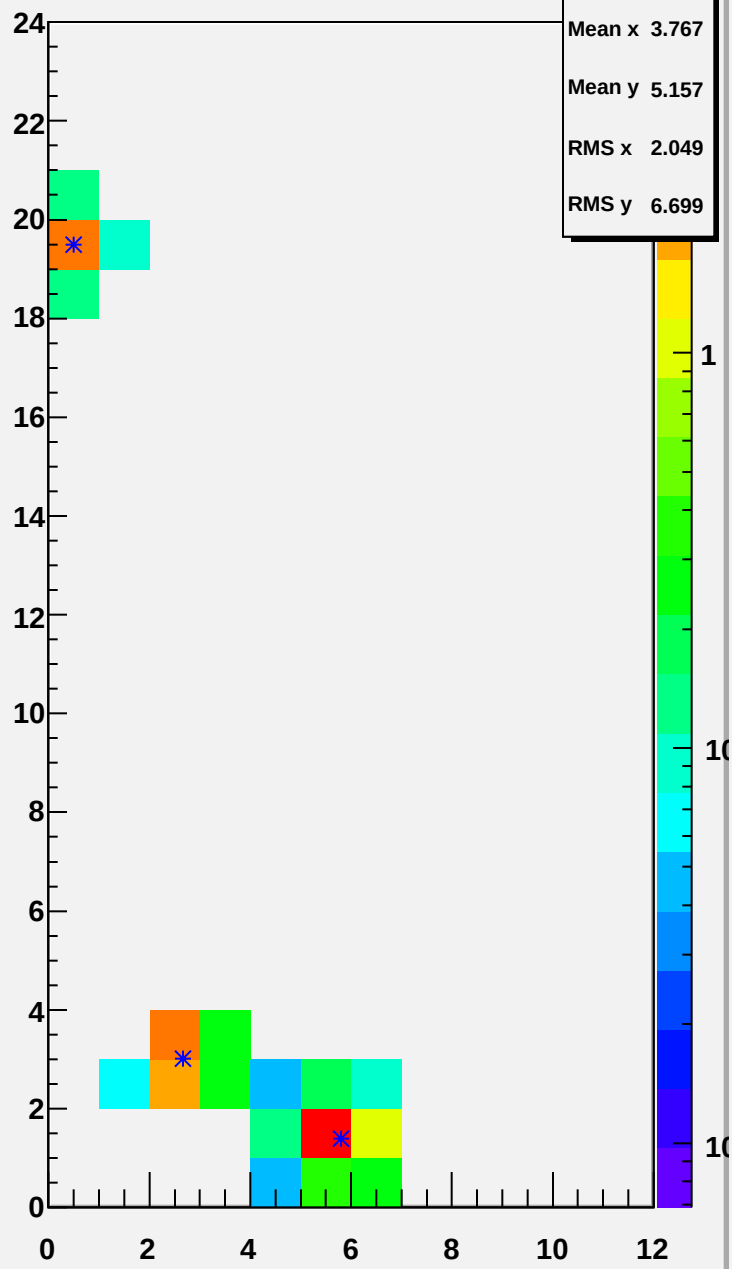
Efit

Entries	288
Mean x	2.585
Mean y	3.949
RMS x	0.4252
RMS y	1.062

NSTB3_r4_c3_En=18.0_m0=0.147 m1=0.147 index=1312



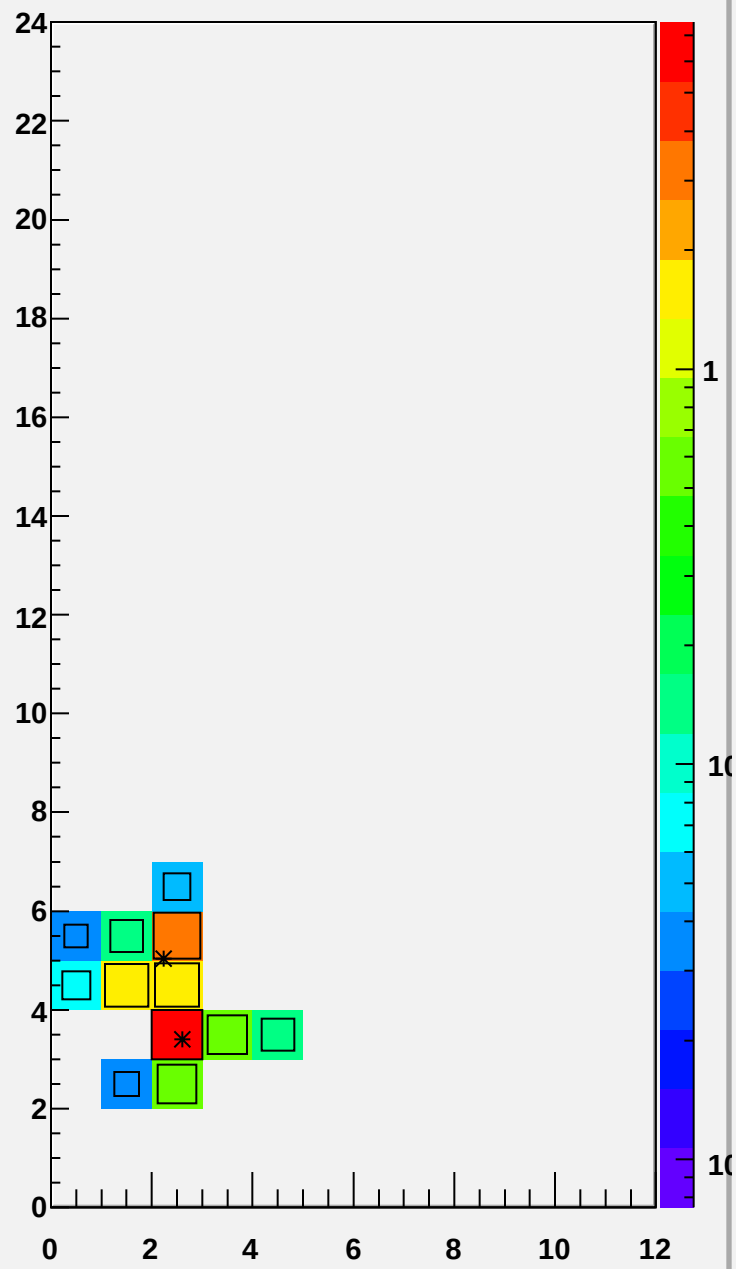
Fitted Energies



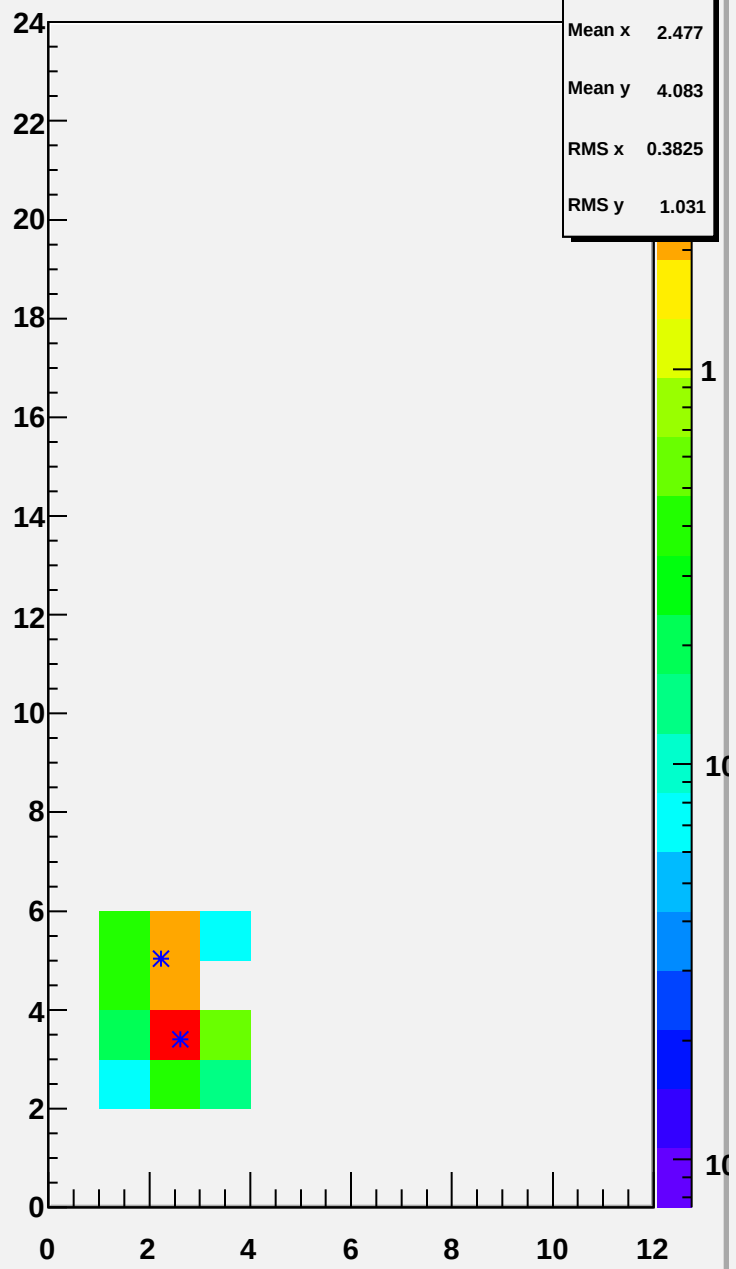
Efit

Entries 288
Mean x 3.767
Mean y 5.157
RMS x 2.049
RMS y 6.699

NSTB3_r4_c3_En=14.7_m0=0.066 m1=0.067 index=1313



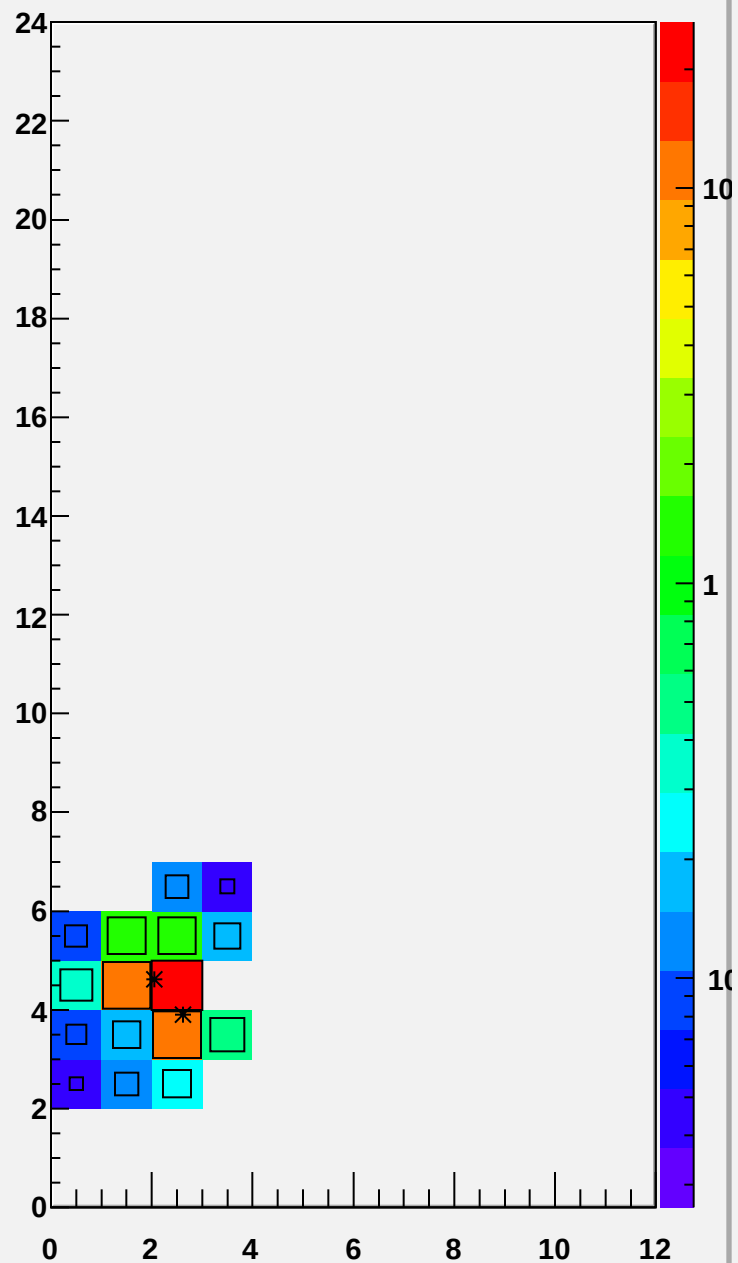
Fitted Energies



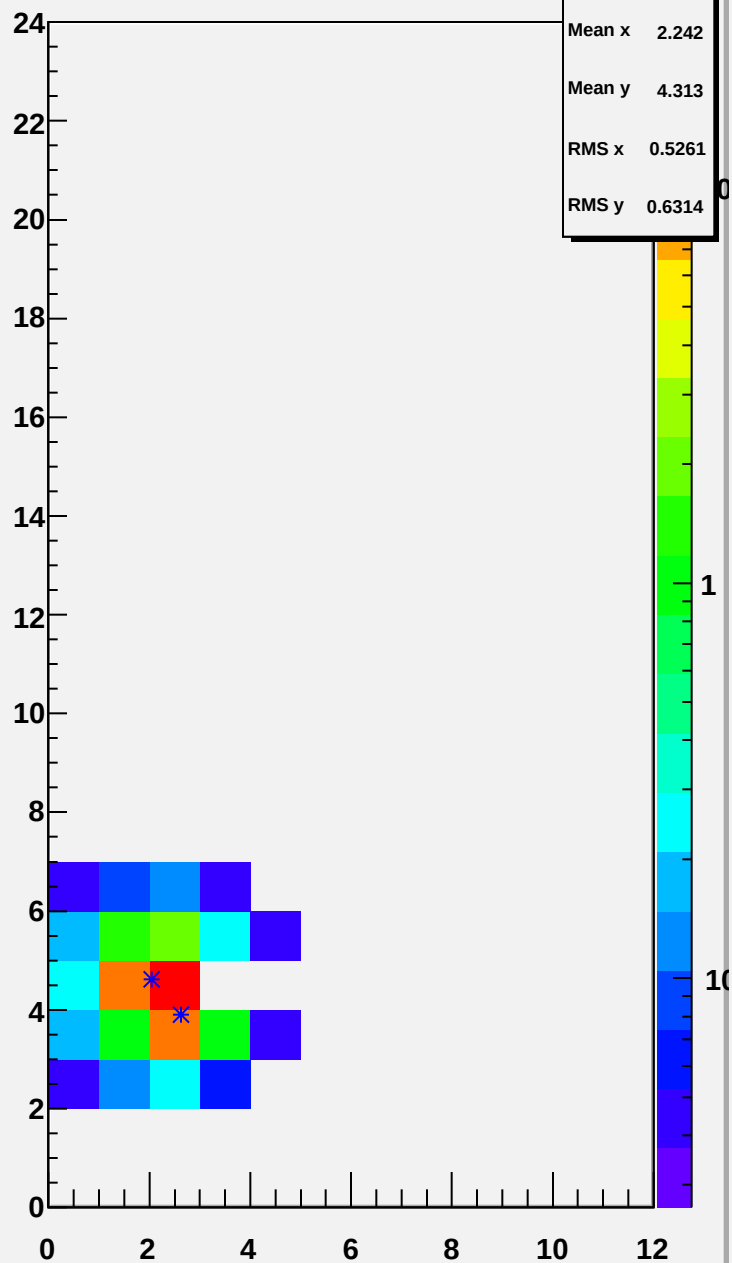
Efit

Entries	288
Mean x	2.477
Mean y	4.083
RMS x	0.3825
RMS y	1.031

NSTB3_r4_c3_En=56.7_m0=0.135 m1=0.135 index=1314



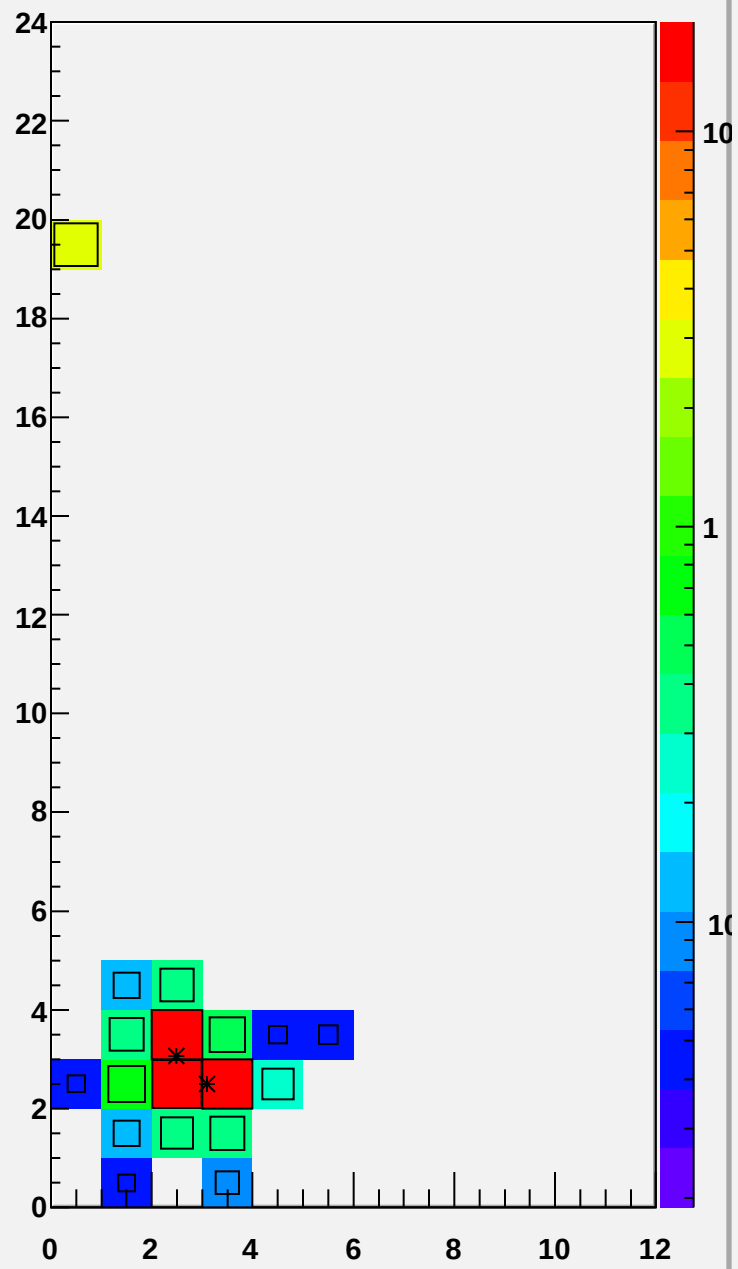
Fitted Energies



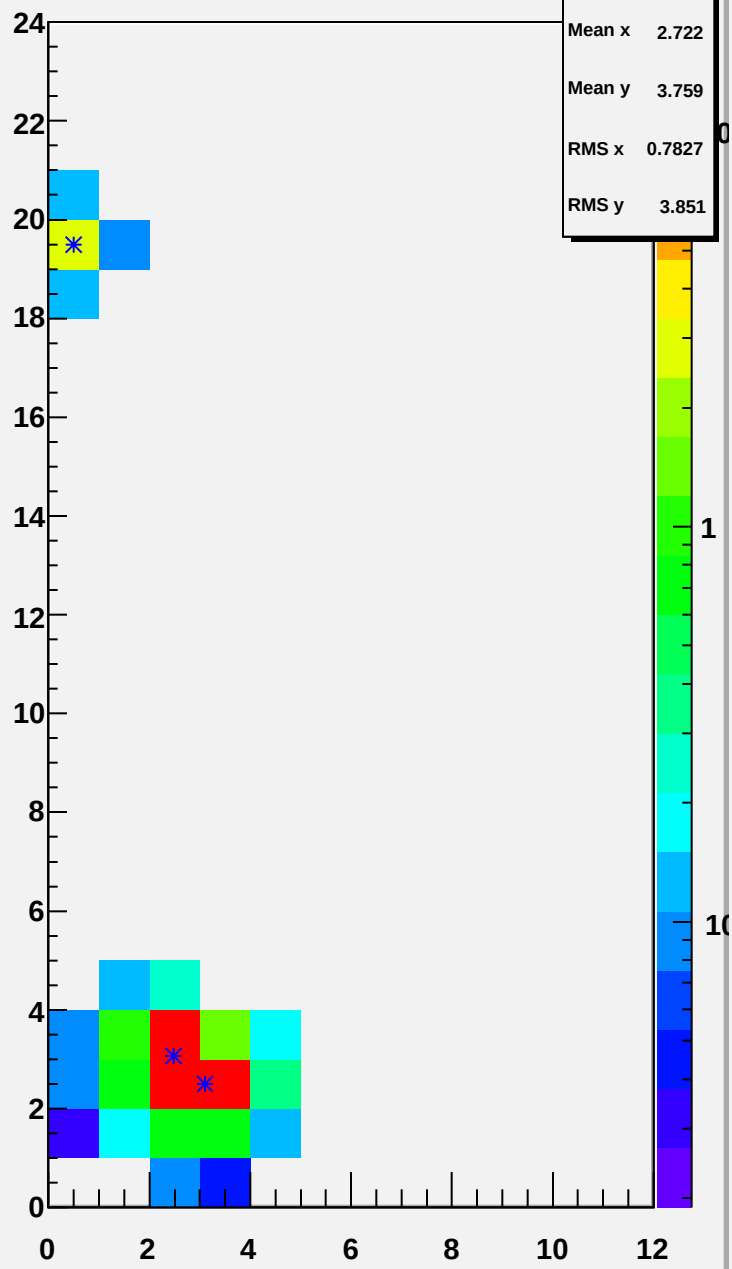
Efit

Entries	288
Mean x	2.242
Mean y	4.313
RMS x	0.5261
RMS y	0.6314

NSTB3_r4_c3_En=57.7_m0=0.124 m1=0.124 index=1315



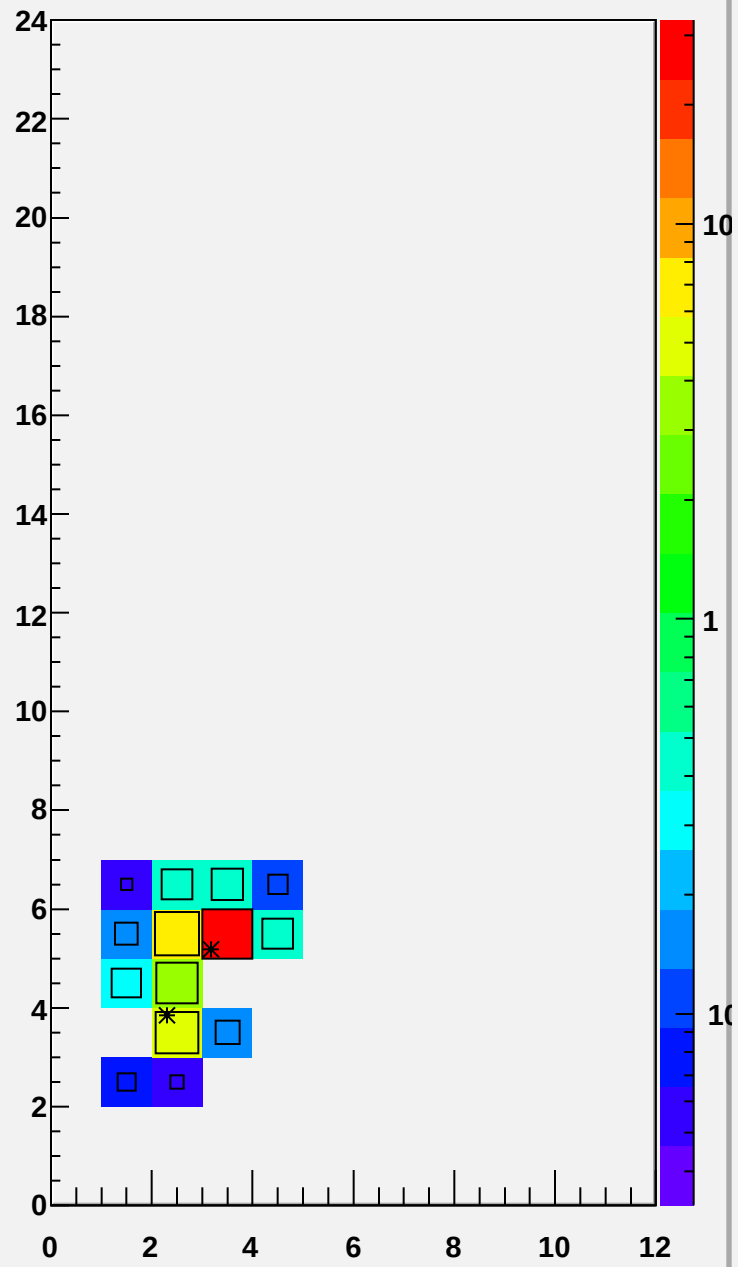
Fitted Energies



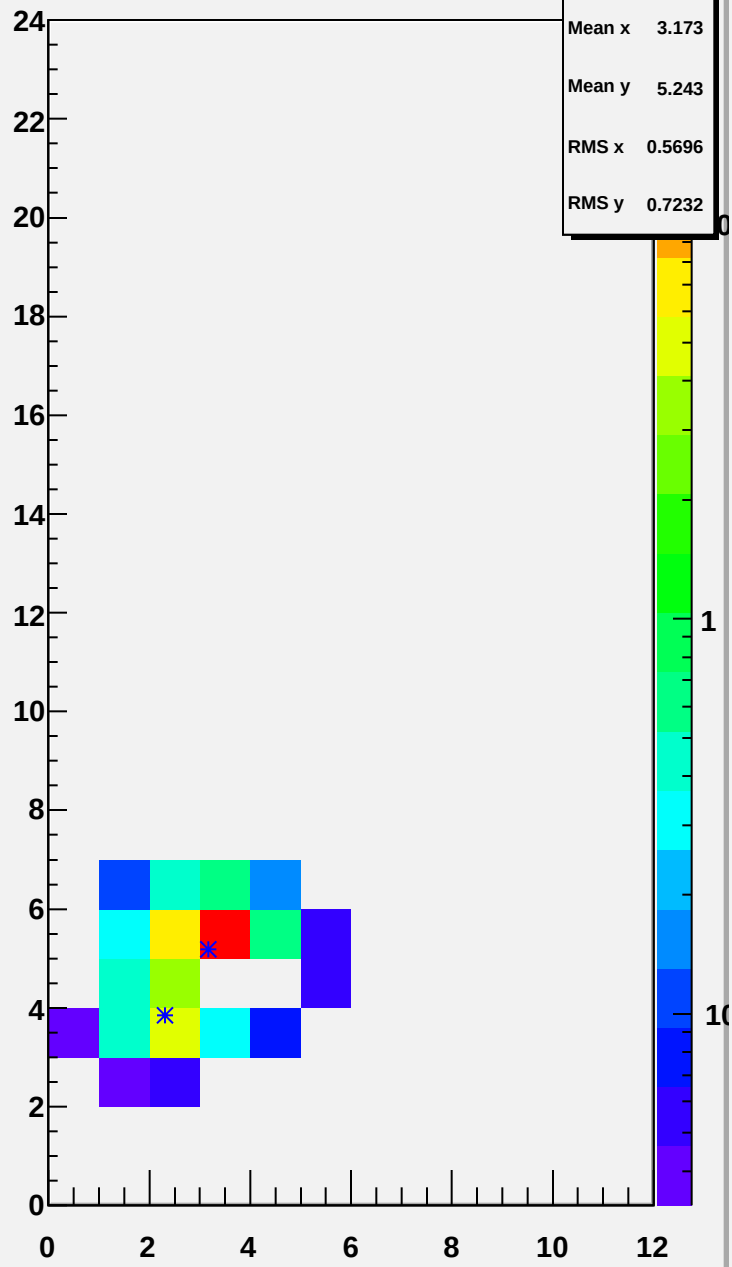
Efit

Entries	288
Mean x	2.722
Mean y	3.759
RMS x	0.7827
RMS y	3.851

NSTB3_r4_c3_En=49.6_m0=0.153 m1=0.154 index=1316



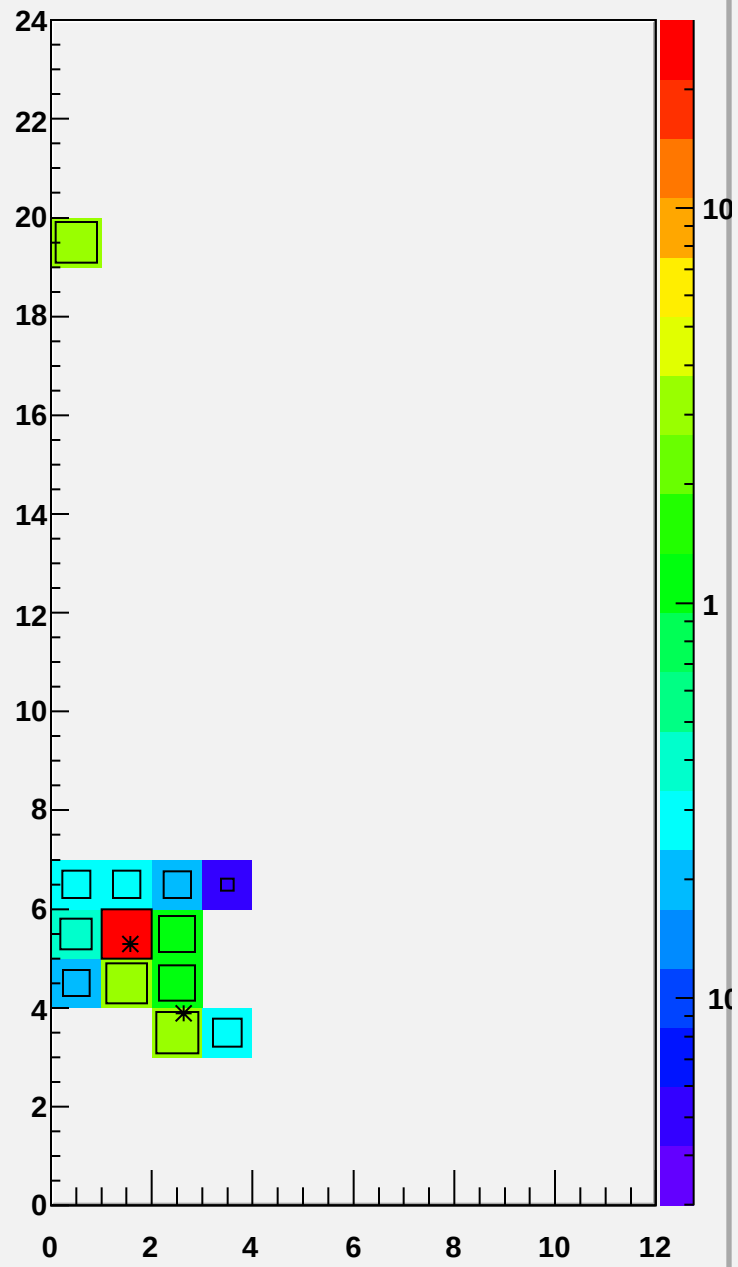
Fitted Energies



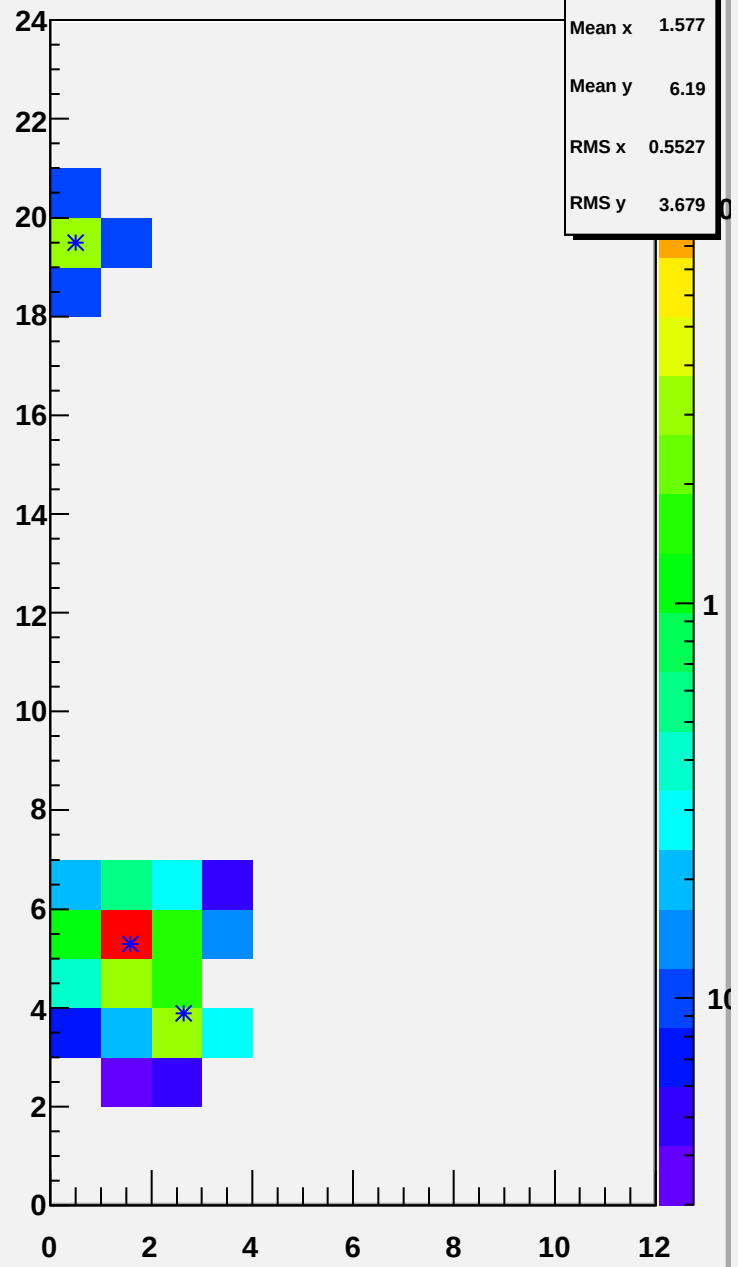
Efit

Entries	288
Mean x	3.173
Mean y	5.243
RMS x	0.5696
RMS y	0.7232

NSTB3_r4_c3_En=43.5_m0=0.137 m1=0.137 index=1319



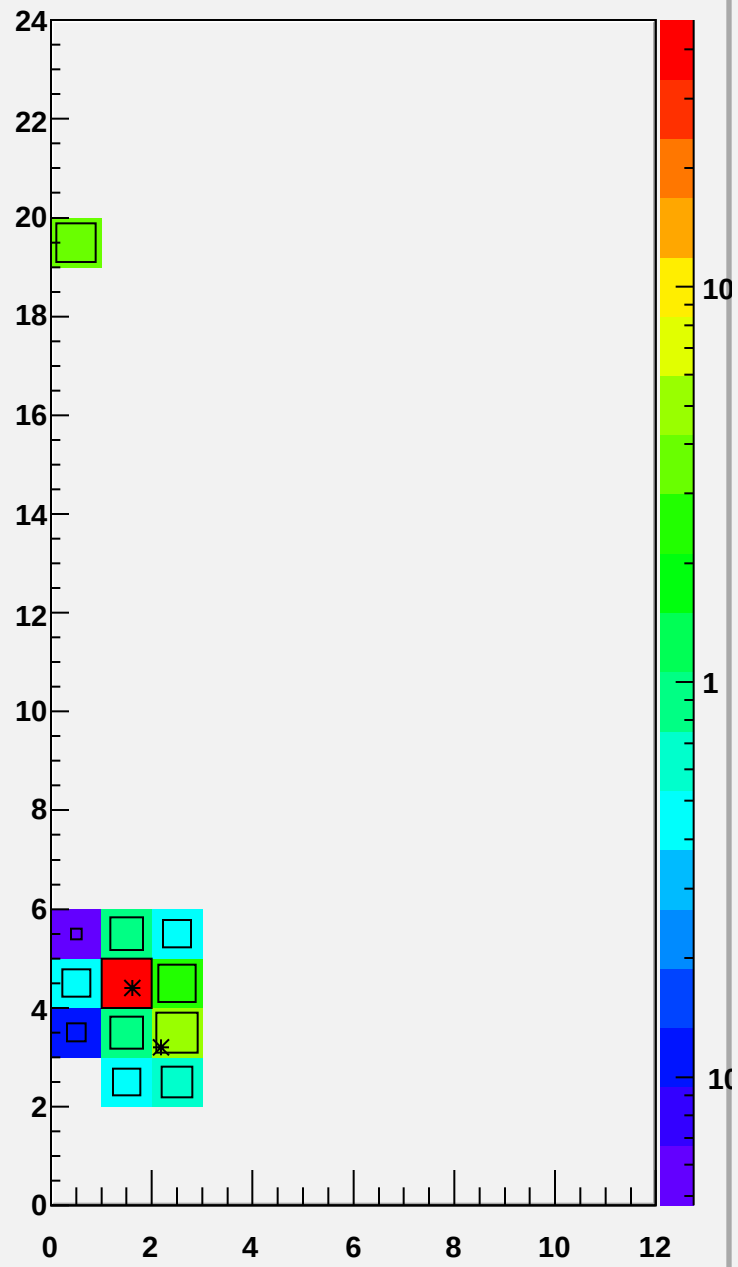
Fitted Energies



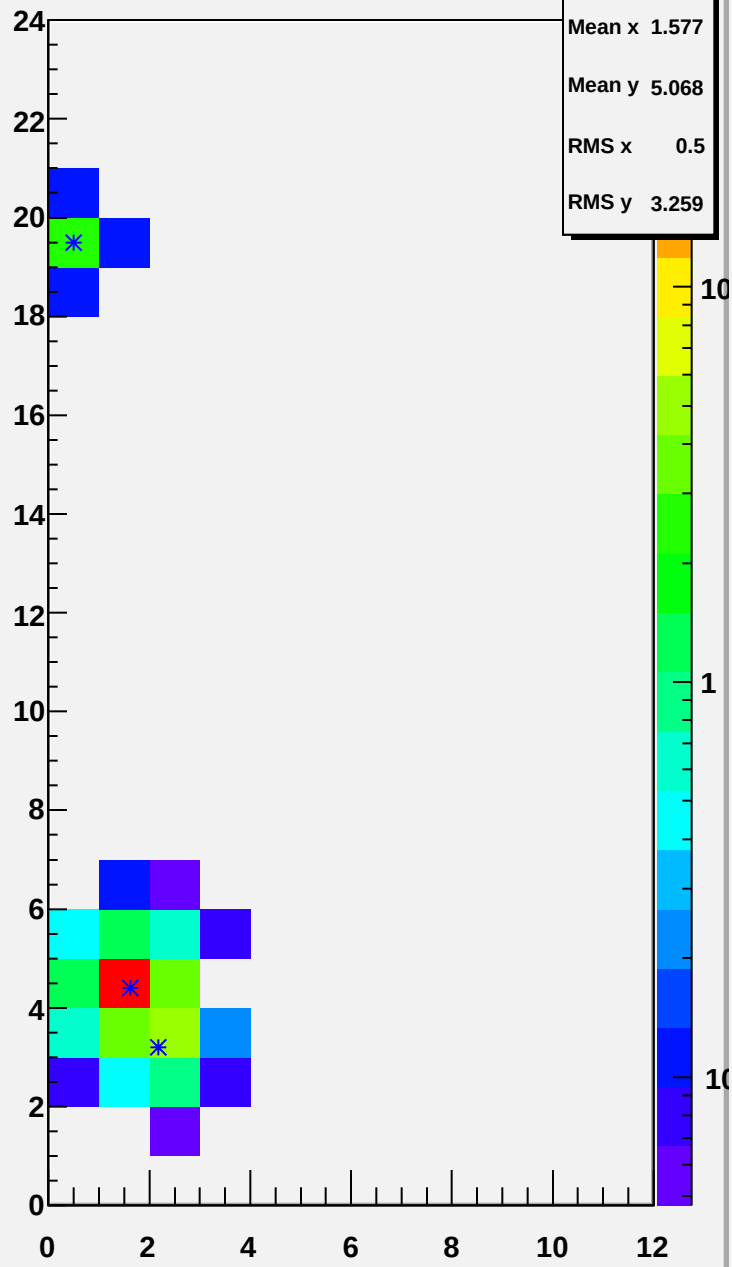
Efit

Entries	288
Mean x	1.577
Mean y	6.19
RMS x	0.5527
RMS y	3.679

NSTB3_r4_c3_En=61.1_m0=0.140 m1=0.140 index=1321



Fitted Energies



Efit

Entries 288

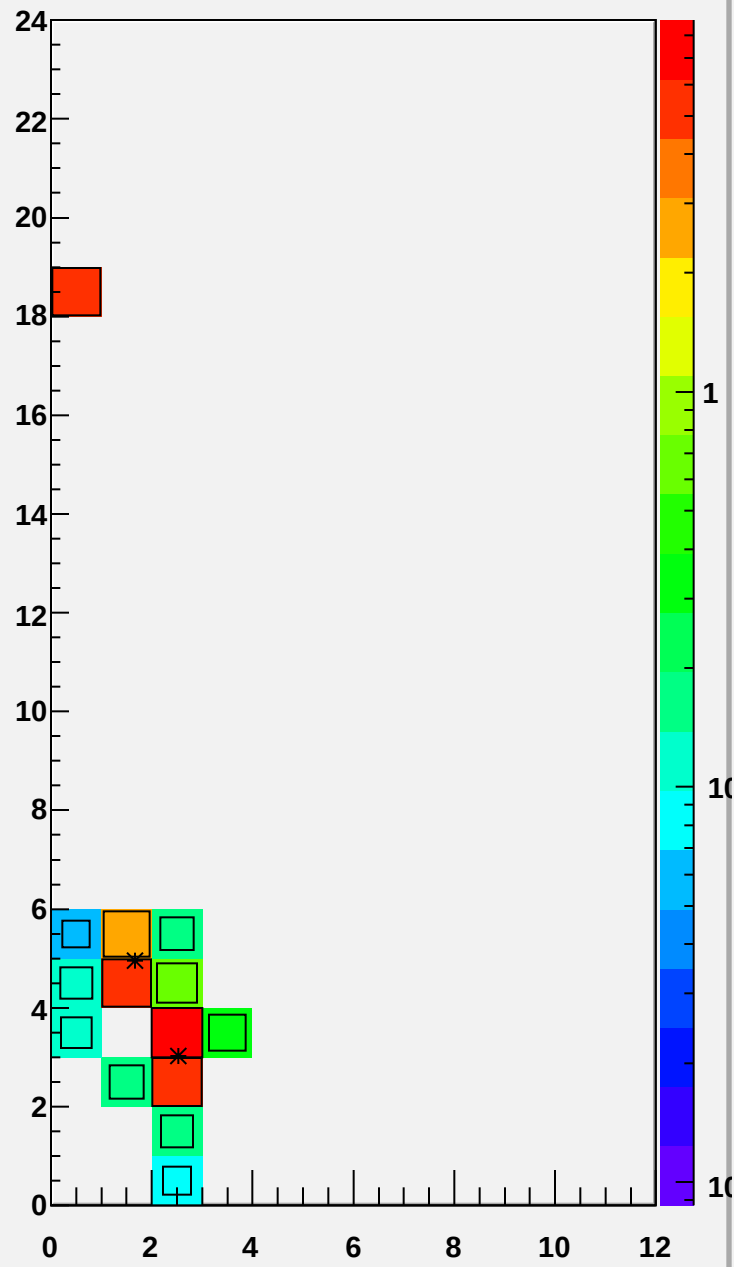
Mean x 1.577

Mean y 5.068

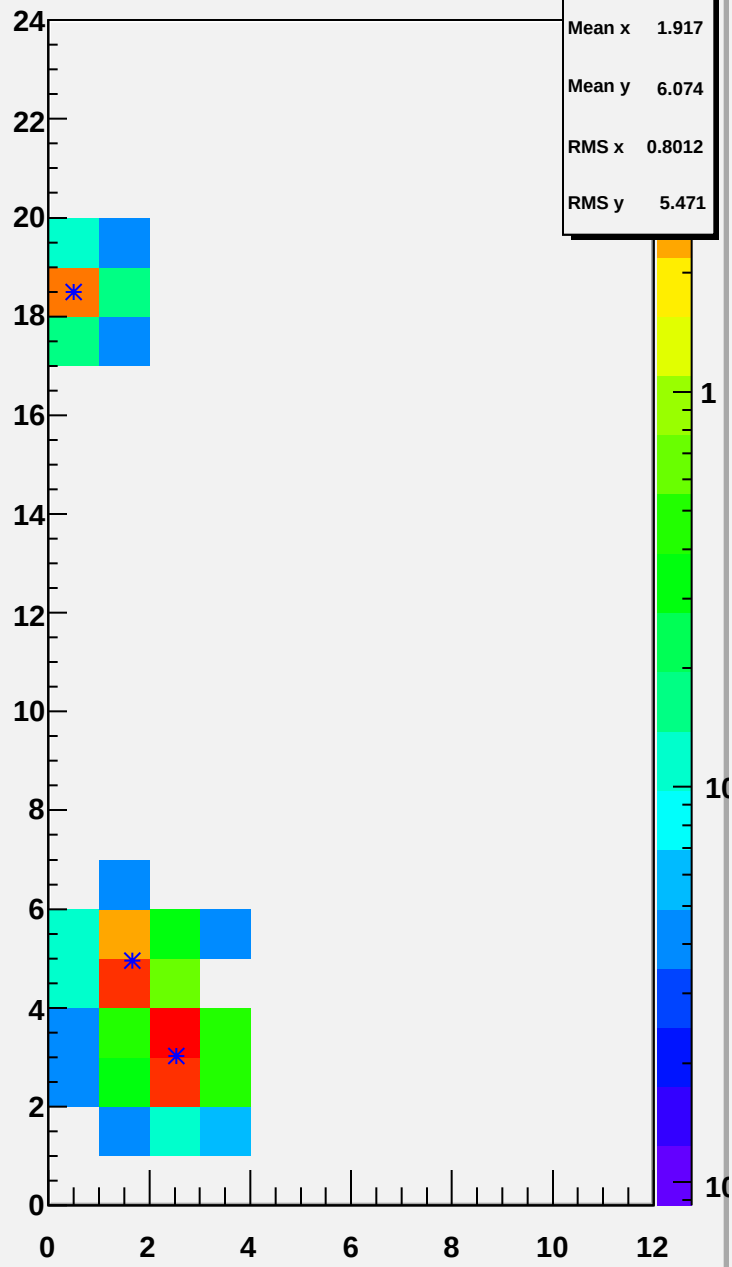
RMS x 0.5

RMS y 3.259

NSTB3_r4_c3_En=29.0_m0=0.146 m1=0.146 index=1323



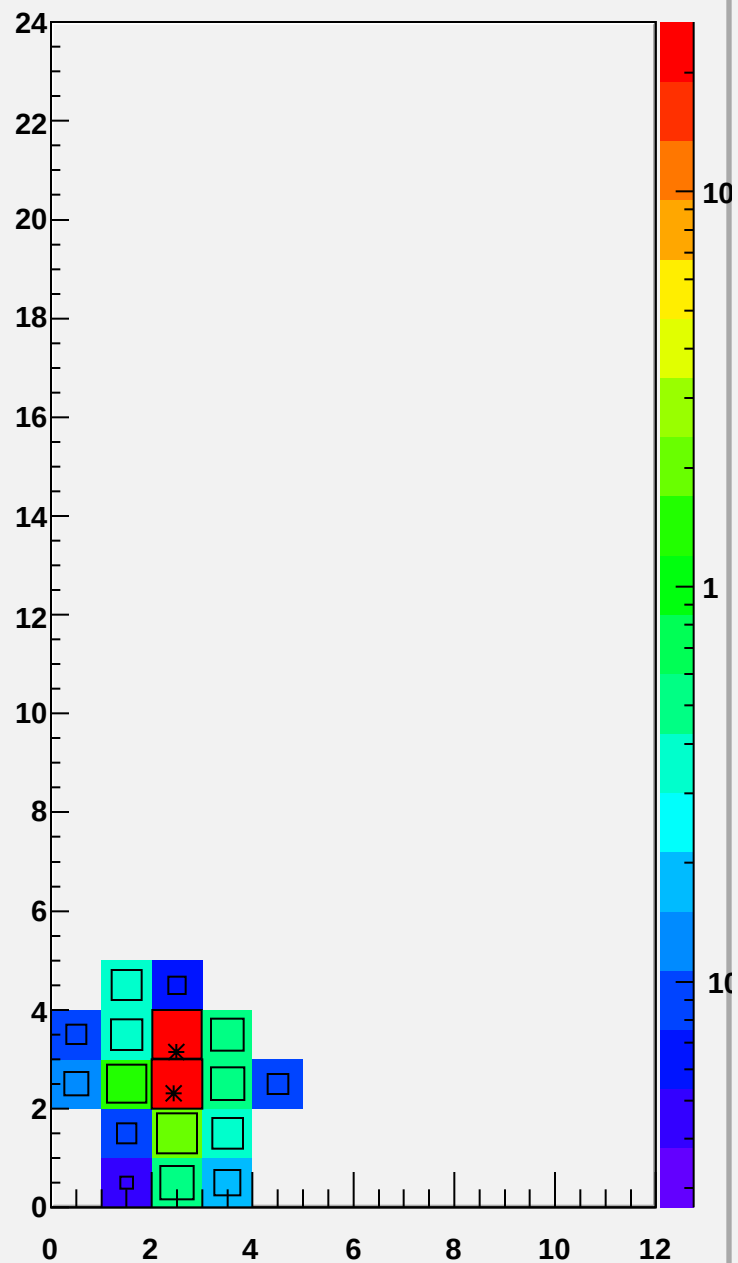
Fitted Energies



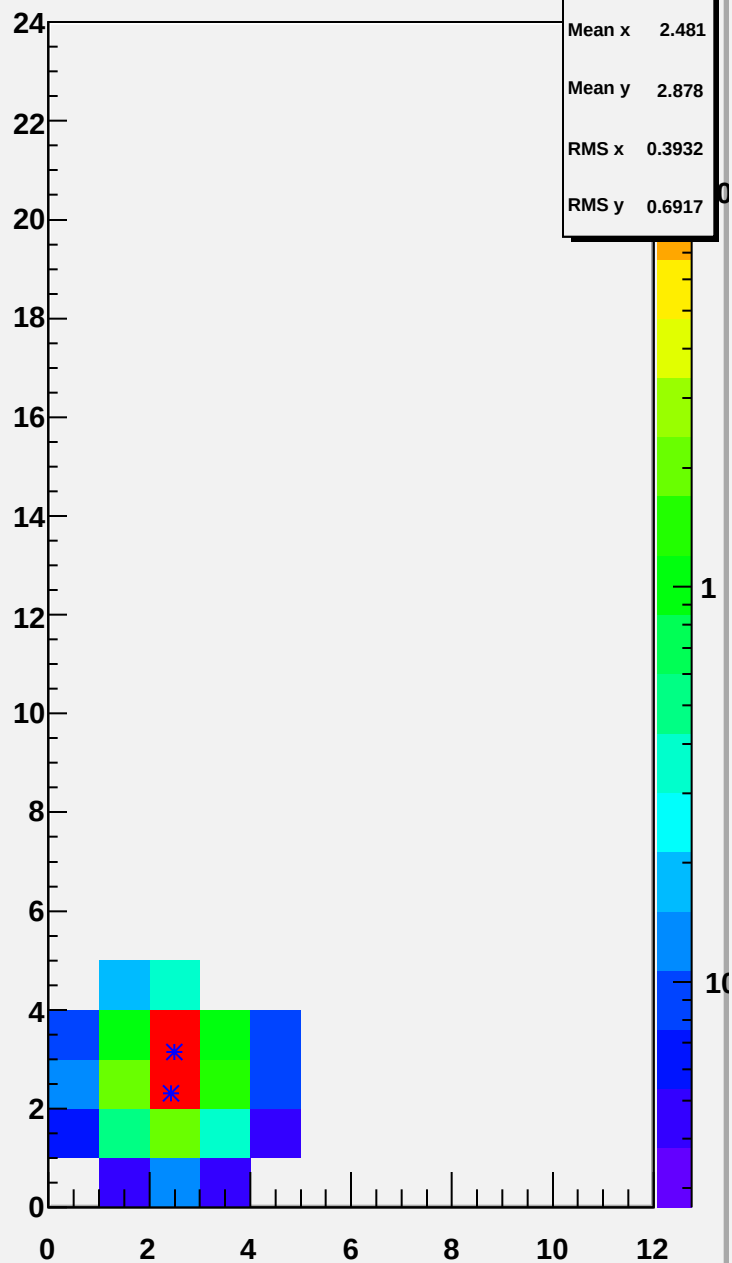
Efit

Entries	288
Mean x	1.917
Mean y	6.074
RMS x	0.8012
RMS y	5.471

NSTB3_r4_c3_En=56.2_m0=0.128 m1=0.128 index=1324



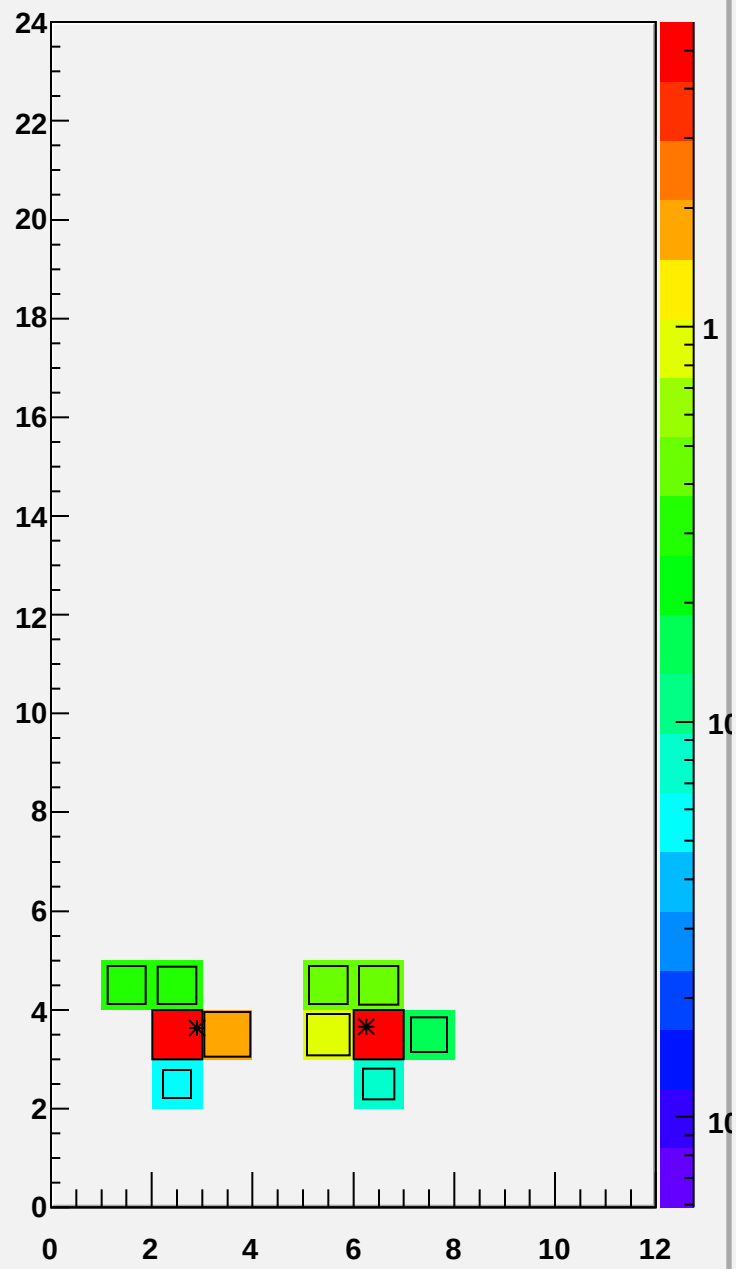
Fitted Energies



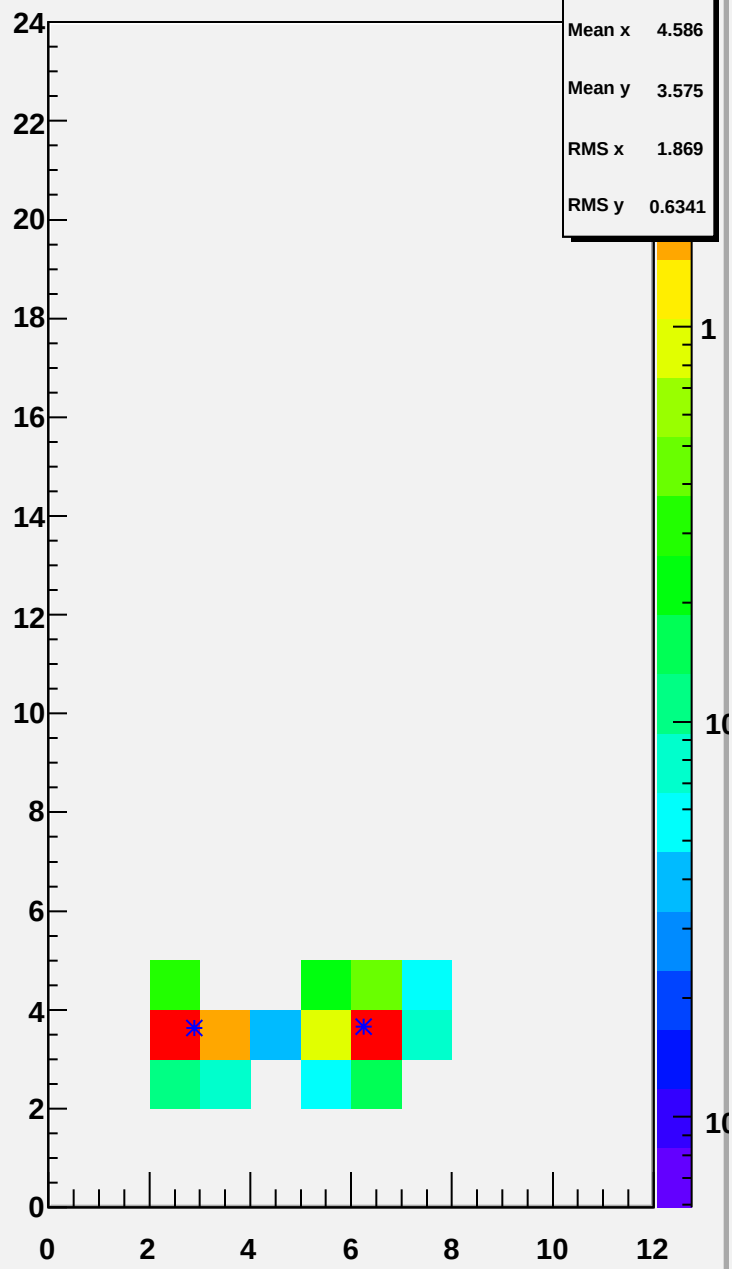
Efit

Entries	288
Mean x	2.481
Mean y	2.878
RMS x	0.3932
RMS y	0.6917

NSTB3_r4_c3_En=15.3_m0=0.144 m1=0.144 index=1326



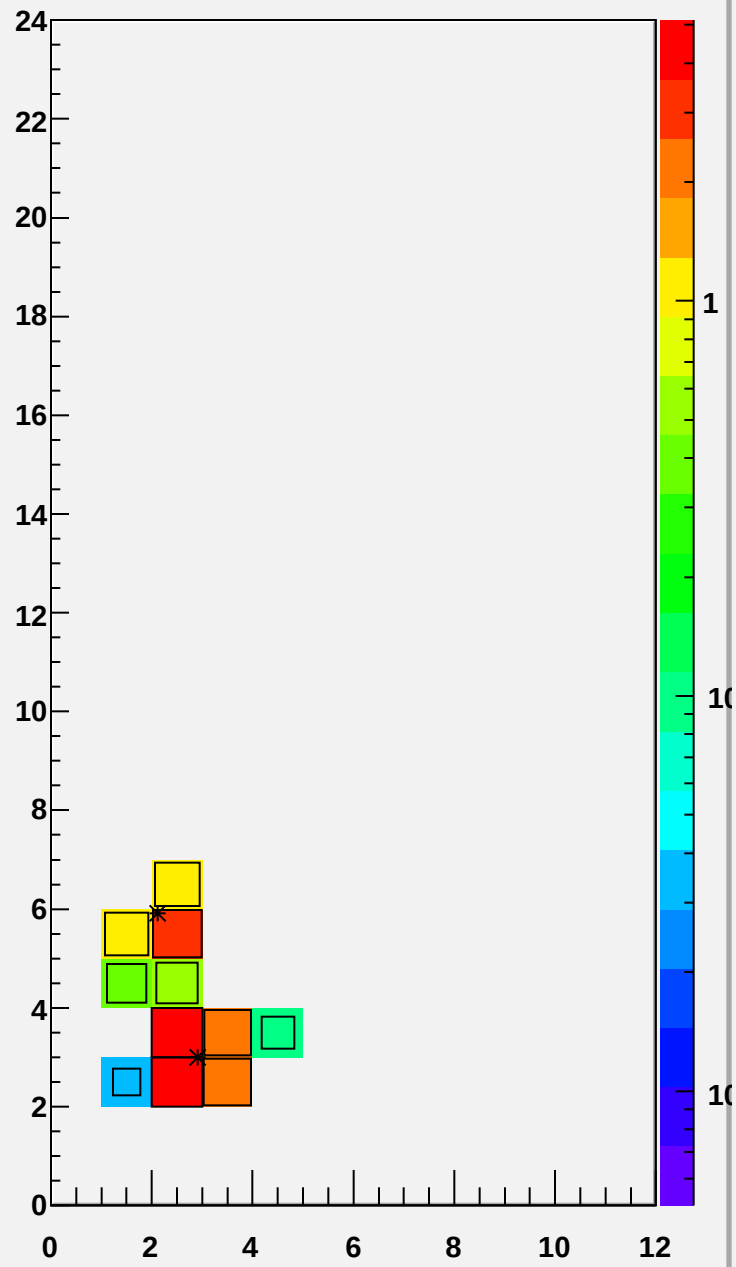
Fitted Energies



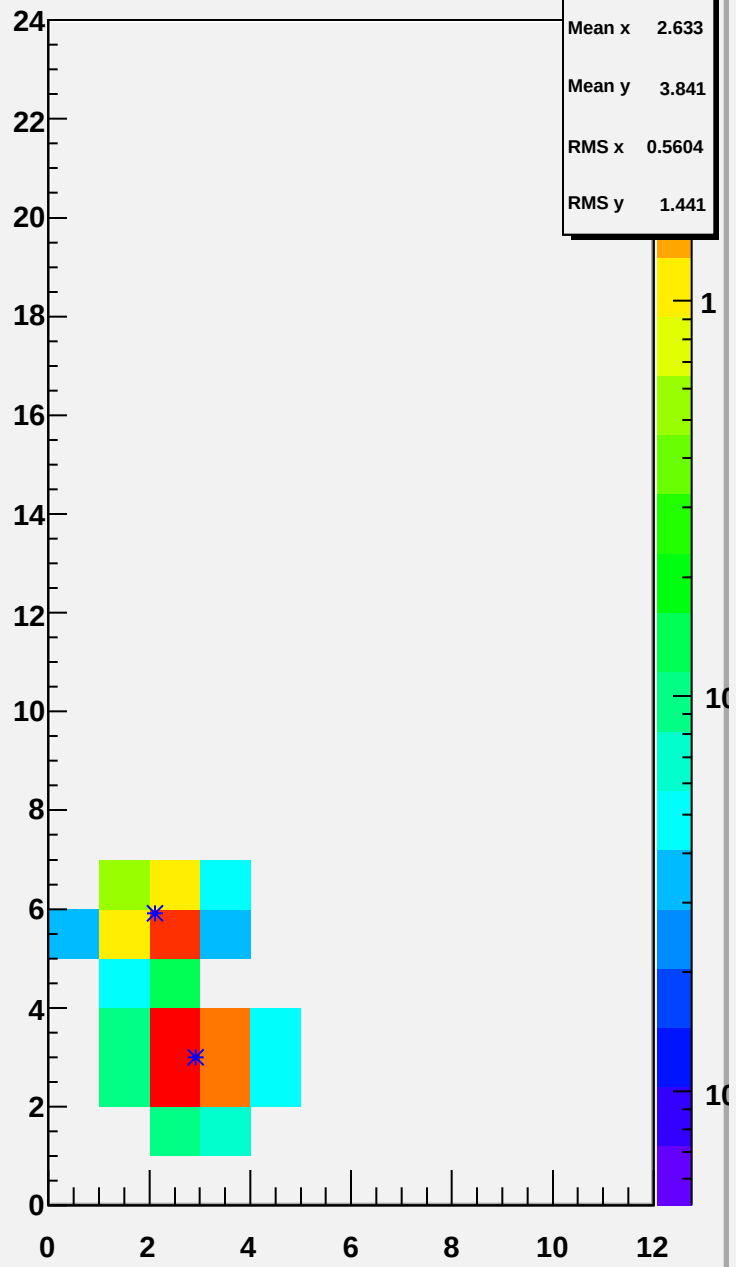
Efit

Entries	288
Mean x	4.586
Mean y	3.575
RMS x	1.869
RMS y	0.6341

NSTB3_r4_c3_En=20.6_m0=0.165 m1=0.165 index=1328



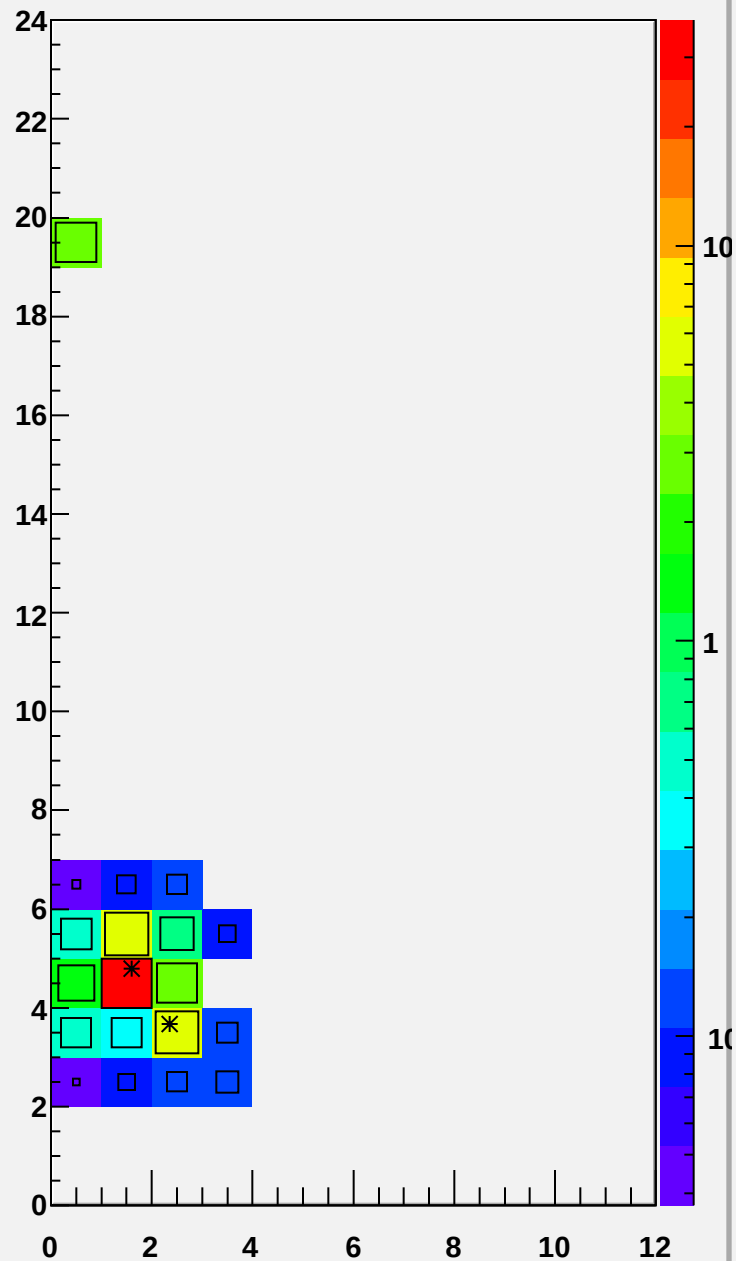
Fitted Energies



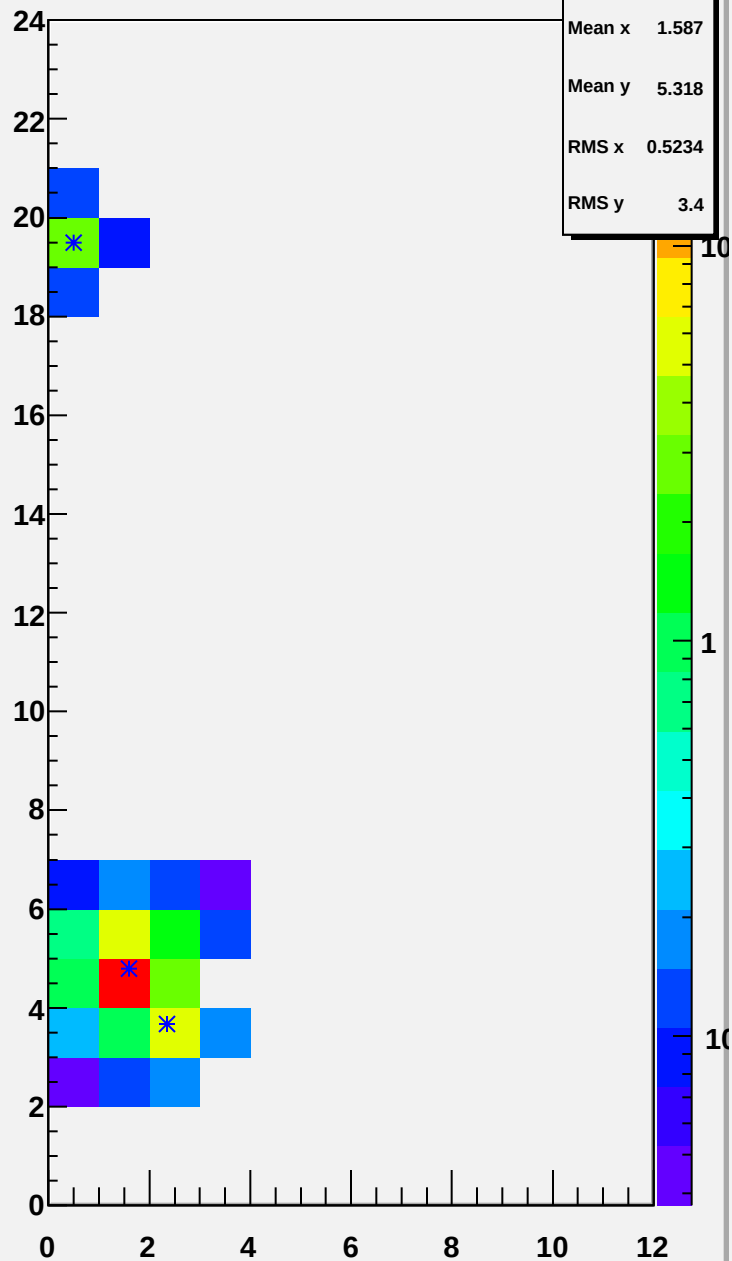
Efit

Entries	288
Mean x	2.633
Mean y	3.841
RMS x	0.5604
RMS y	1.441

NSTB3_r4_c3_En=59.1_m0=0.136 m1=0.135 index=1329



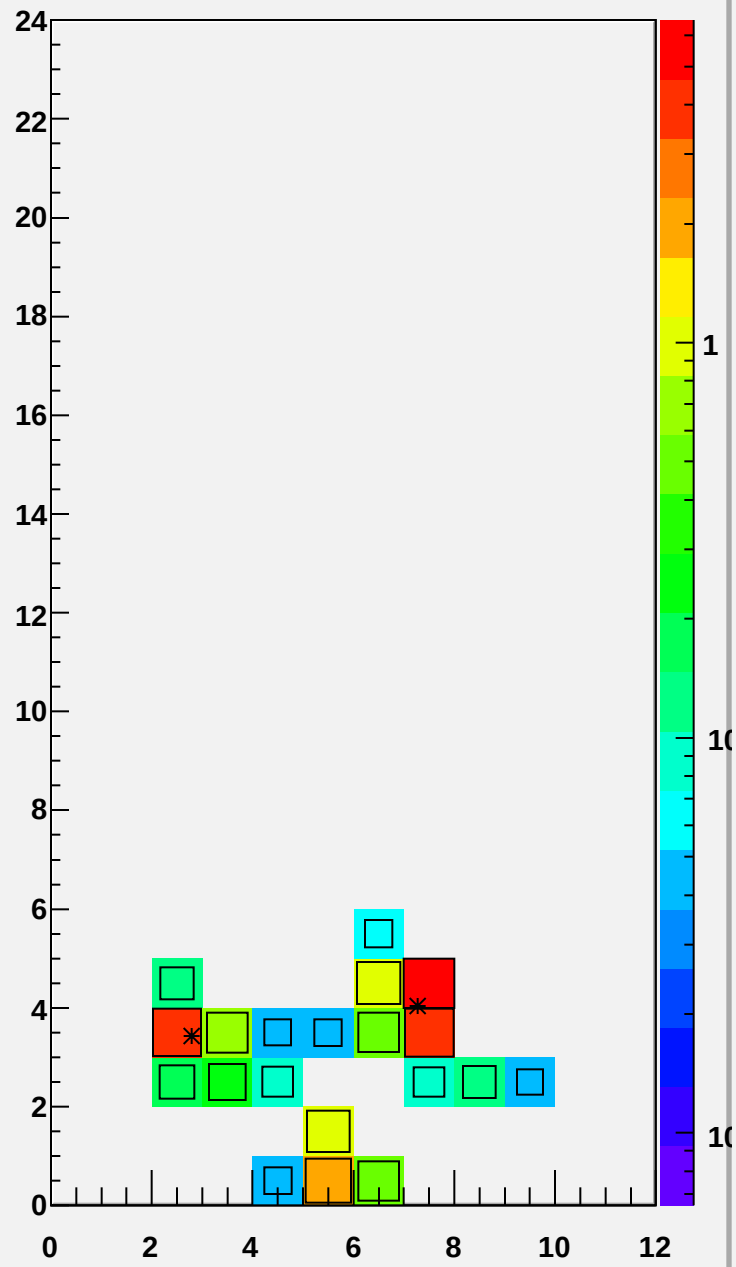
Fitted Energies



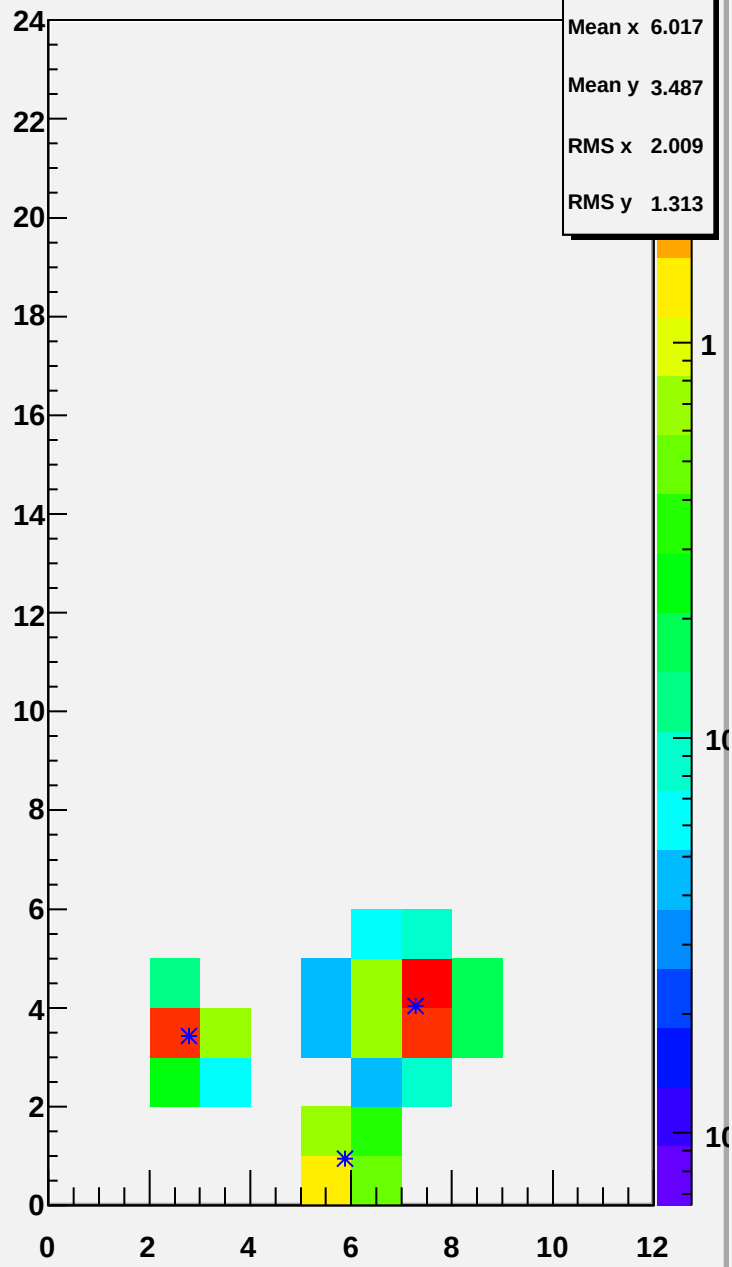
Efit

Entries	288
Mean x	1.587
Mean y	5.318
RMS x	0.5234
RMS y	3.4

NSTB3_r4_c3_En=20.9_m0=0.206 m1=0.206 index=1330



Fitted Energies



Efit

Entries 288

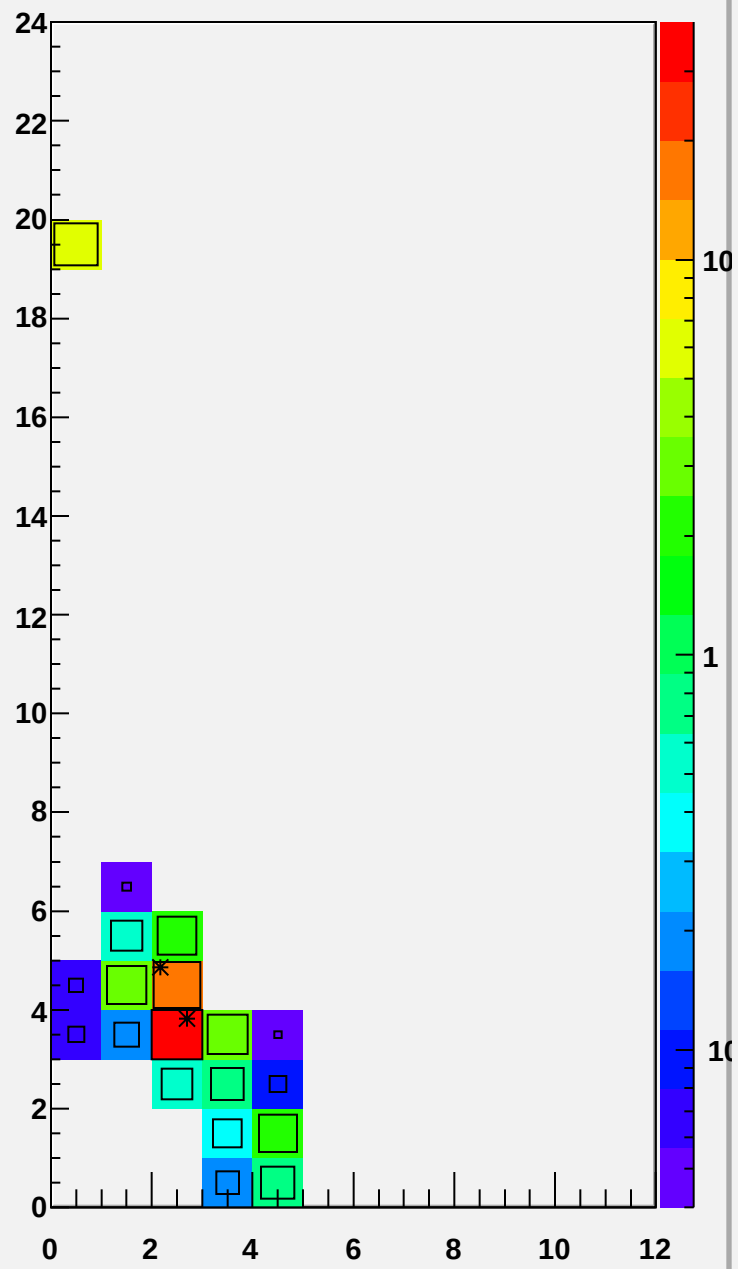
Mean x 6.017

Mean y 3.487

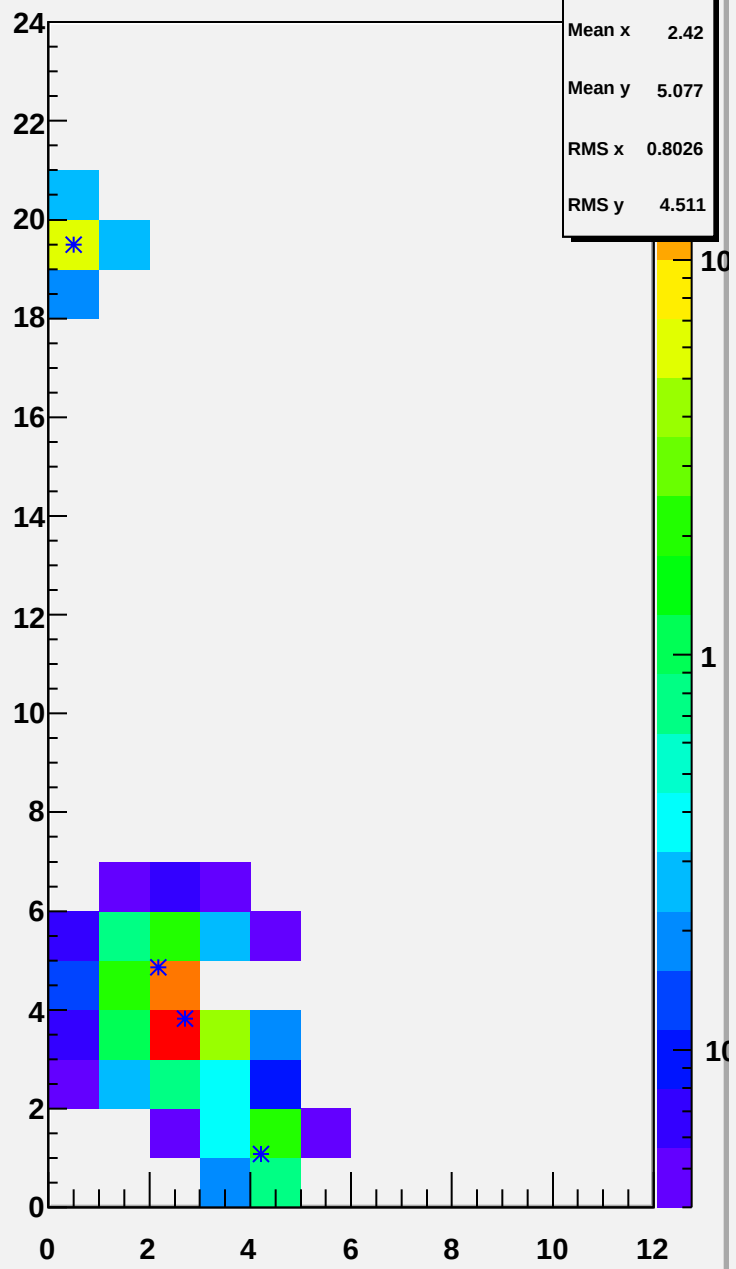
RMS x 2.009

RMS y 1.313

NSTB3_r4_c3_En=74.8_m0=0.167 m1=0.167 index=1332



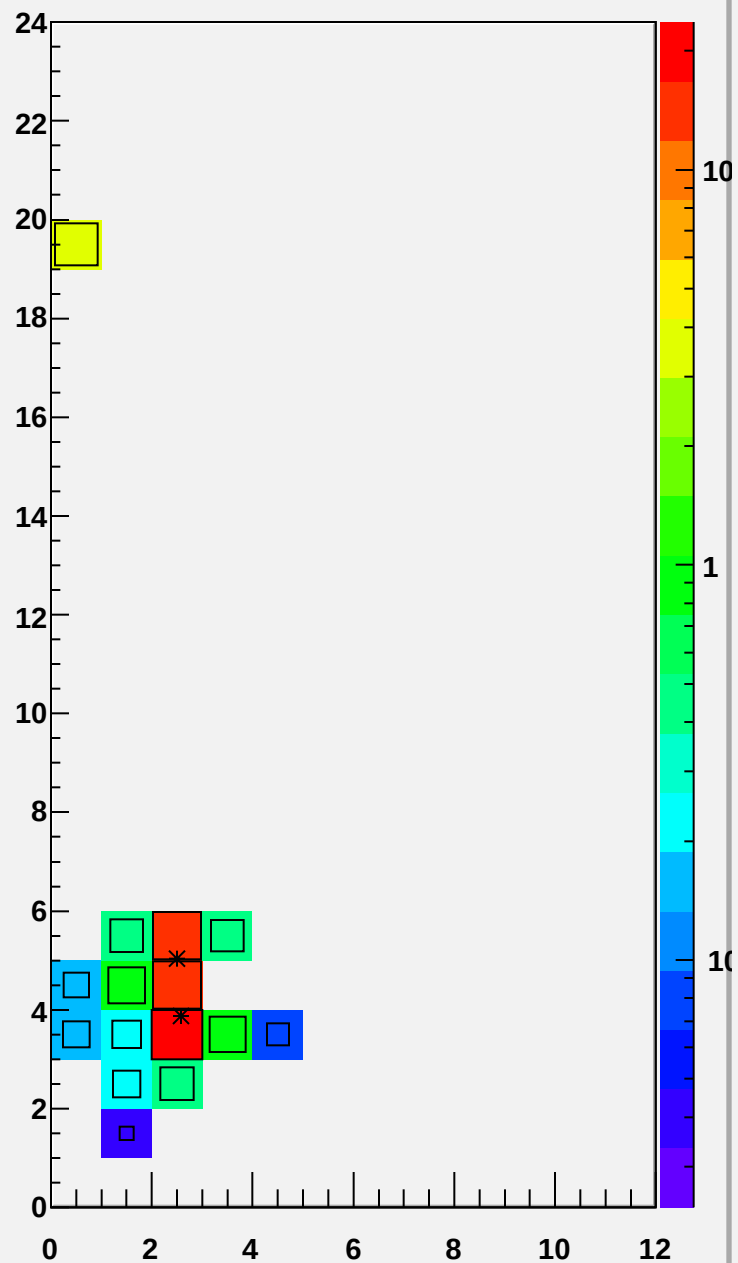
Fitted Energies



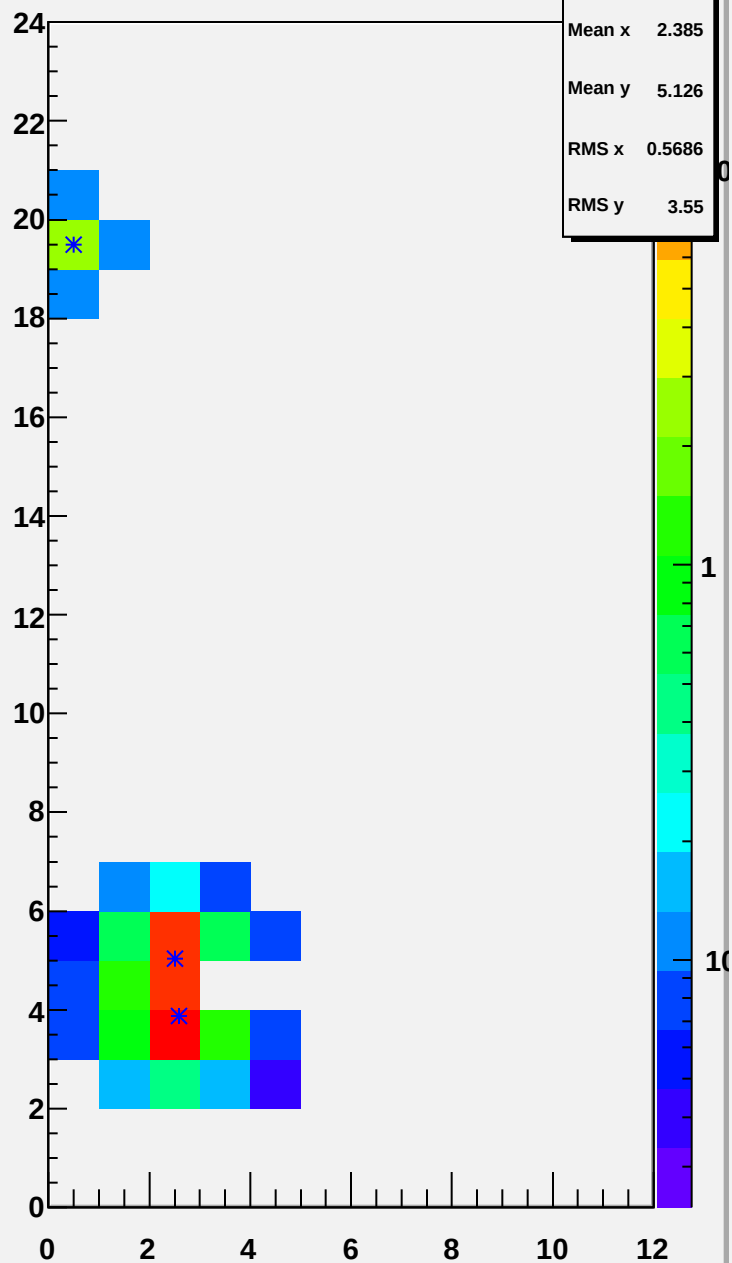
Efit

Entries	288
Mean x	2.42
Mean y	5.077
RMS x	0.8026
RMS y	4.511

NSTB3_r4_c3_En=58.2_m0=0.181 m1=0.181 index=1333



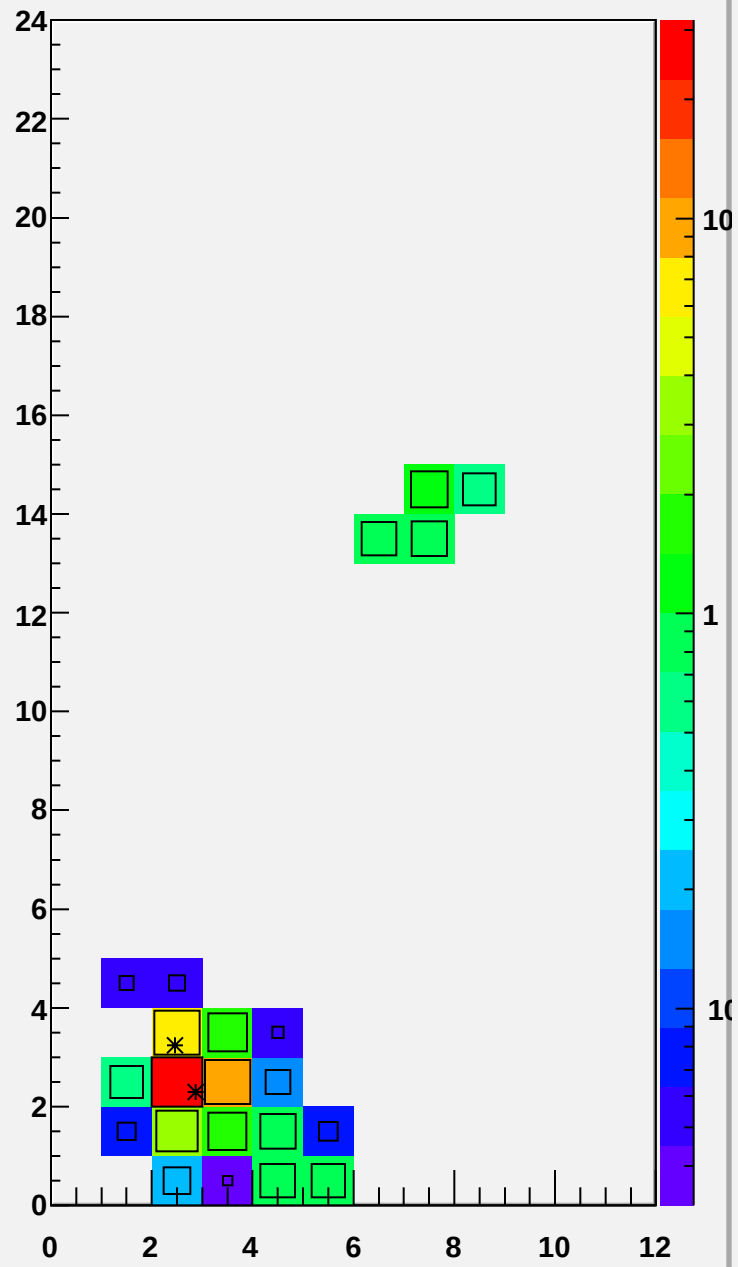
Fitted Energies



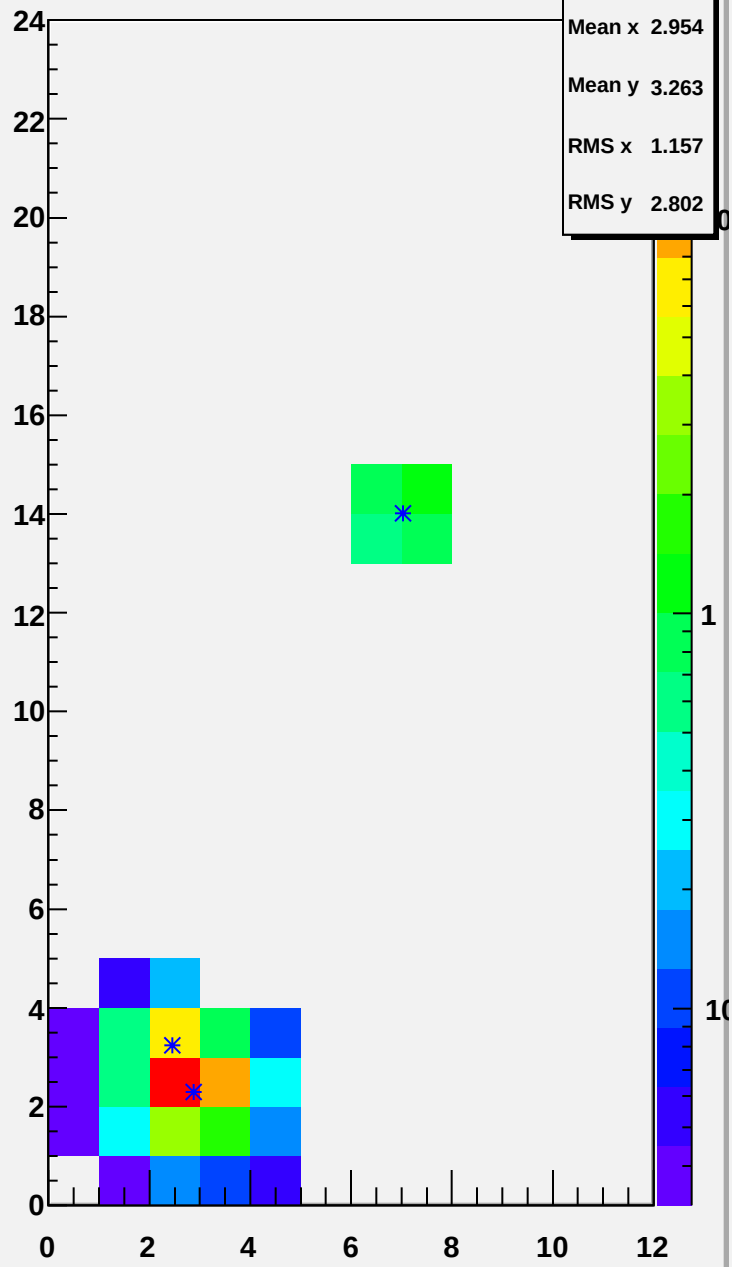
Efit

Entries	288
Mean x	2.385
Mean y	5.126
RMS x	0.5686
RMS y	3.55

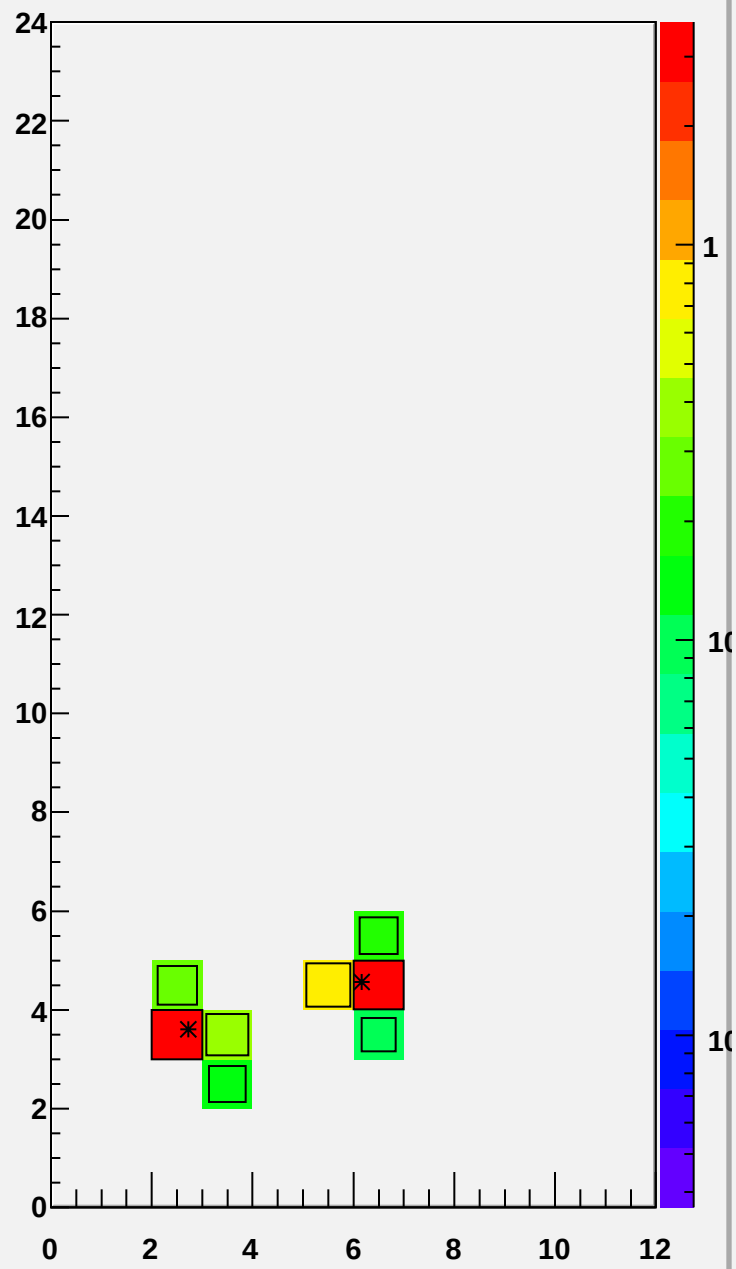
NSTB3_r4_c3_En=62.1_m0=0.115_m1=0.116_index=1335



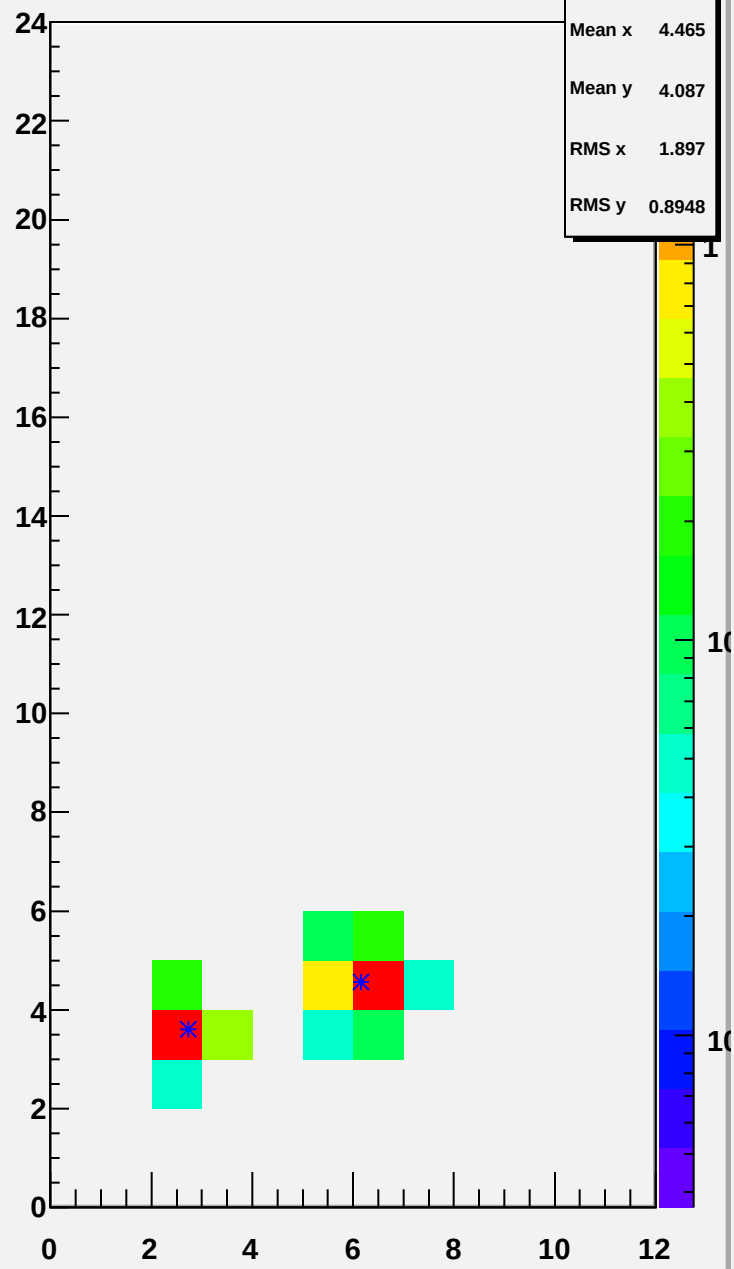
Fitted Energies



NSTB3_r4_c3_En= 8.8_m0=0.091 m1=0.091 index=1336



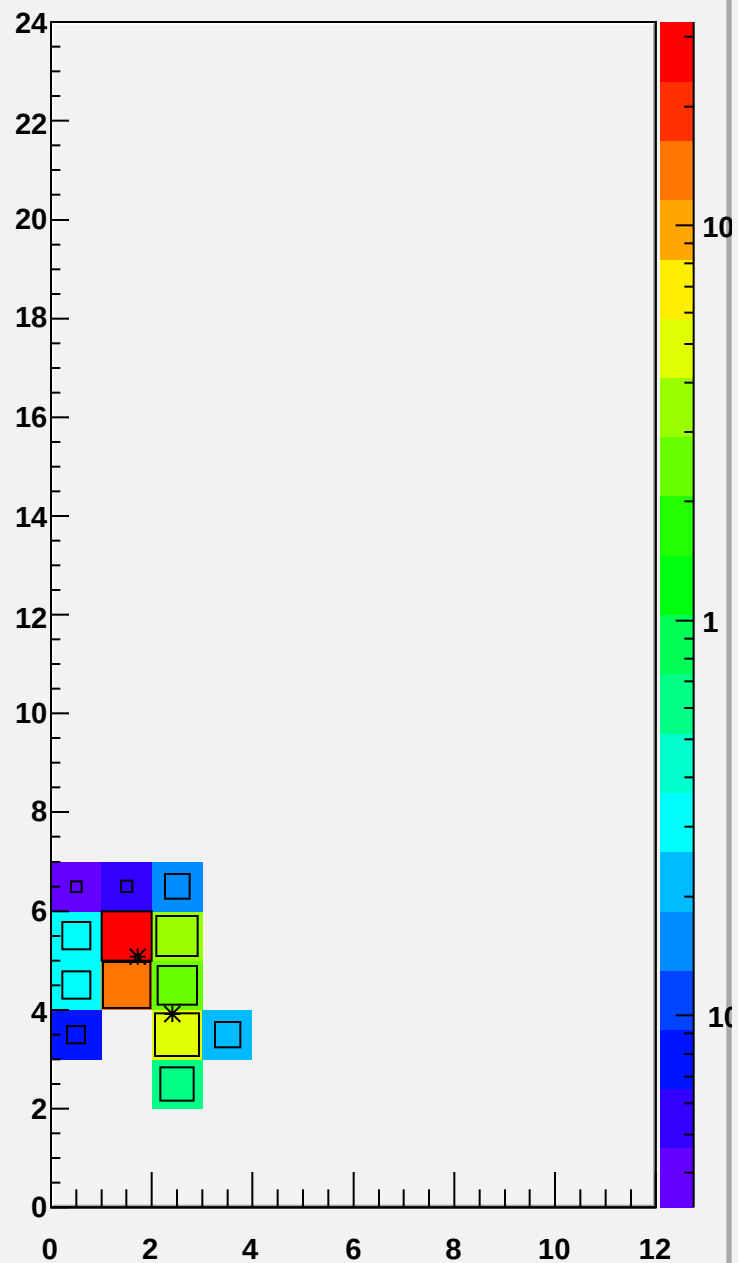
Fitted Energies



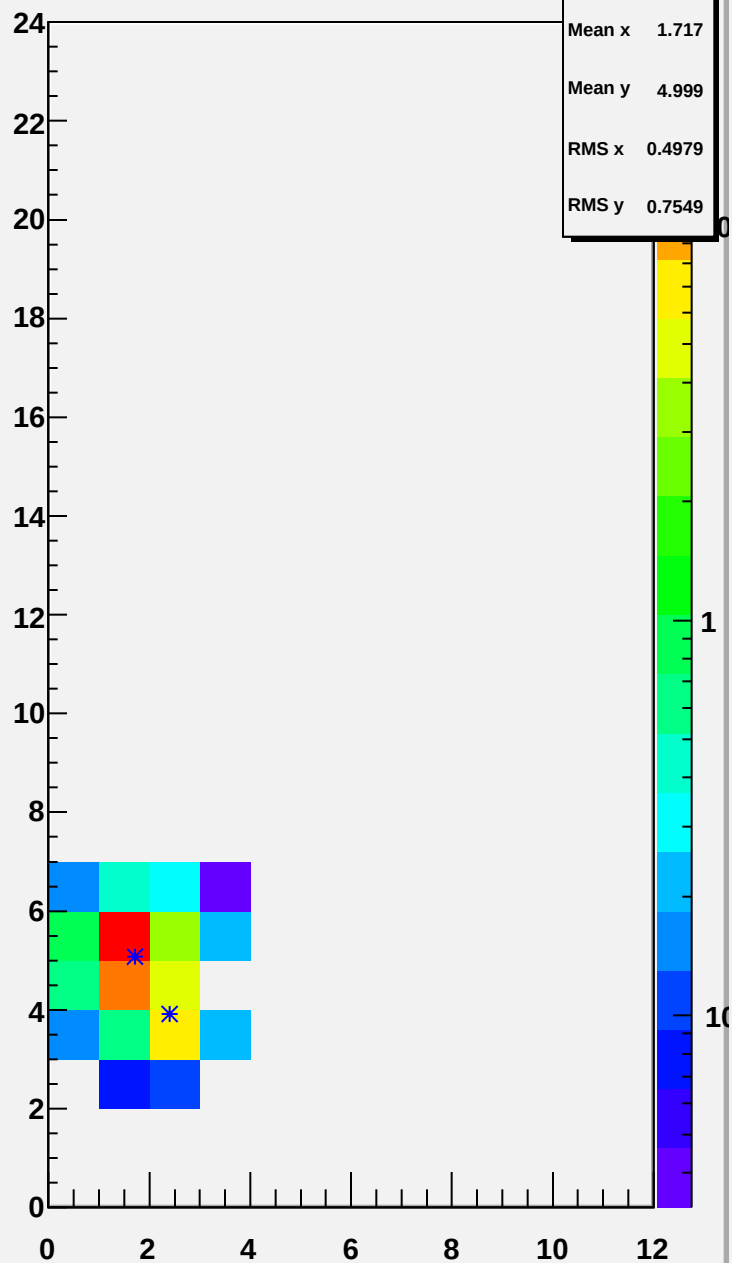
Efit

Entries	288
Mean x	4.465
Mean y	4.087
RMS x	1.897
RMS y	0.8948

NSTB3_r4_c3_En=58.8_m0=0.166 m1=0.166 index=1337



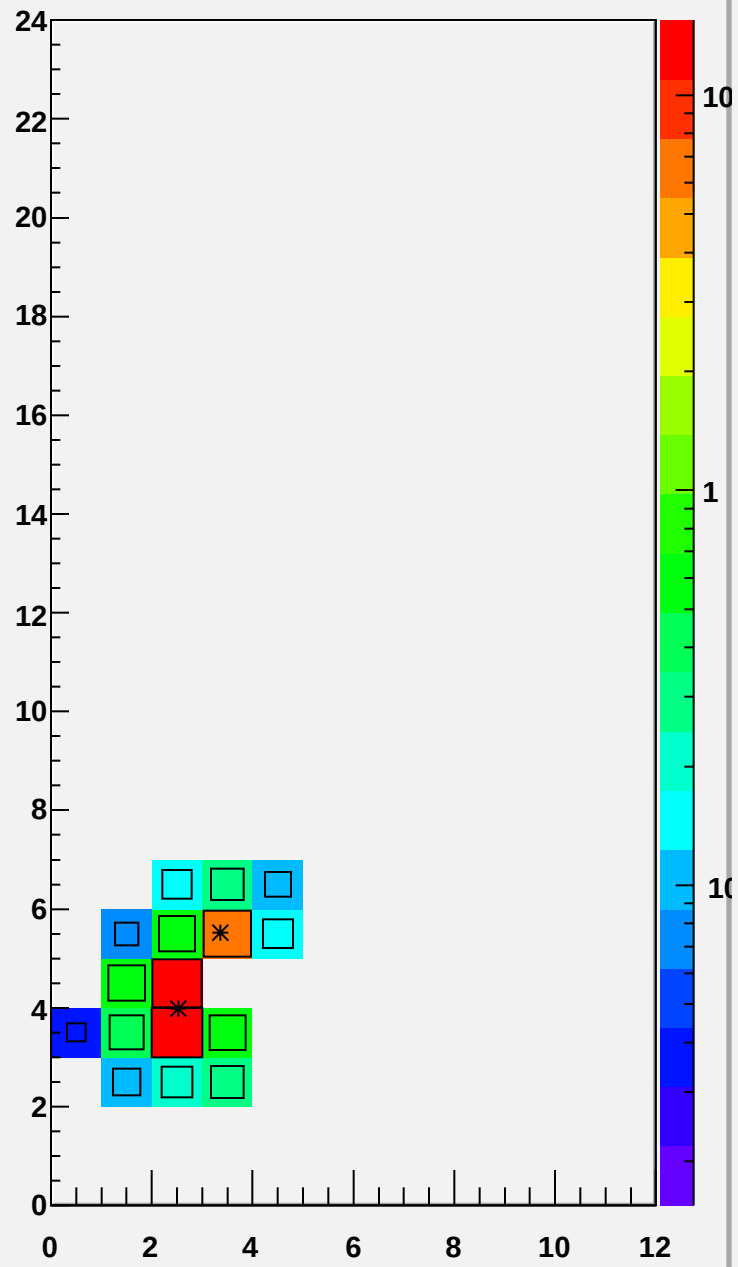
Fitted Energies



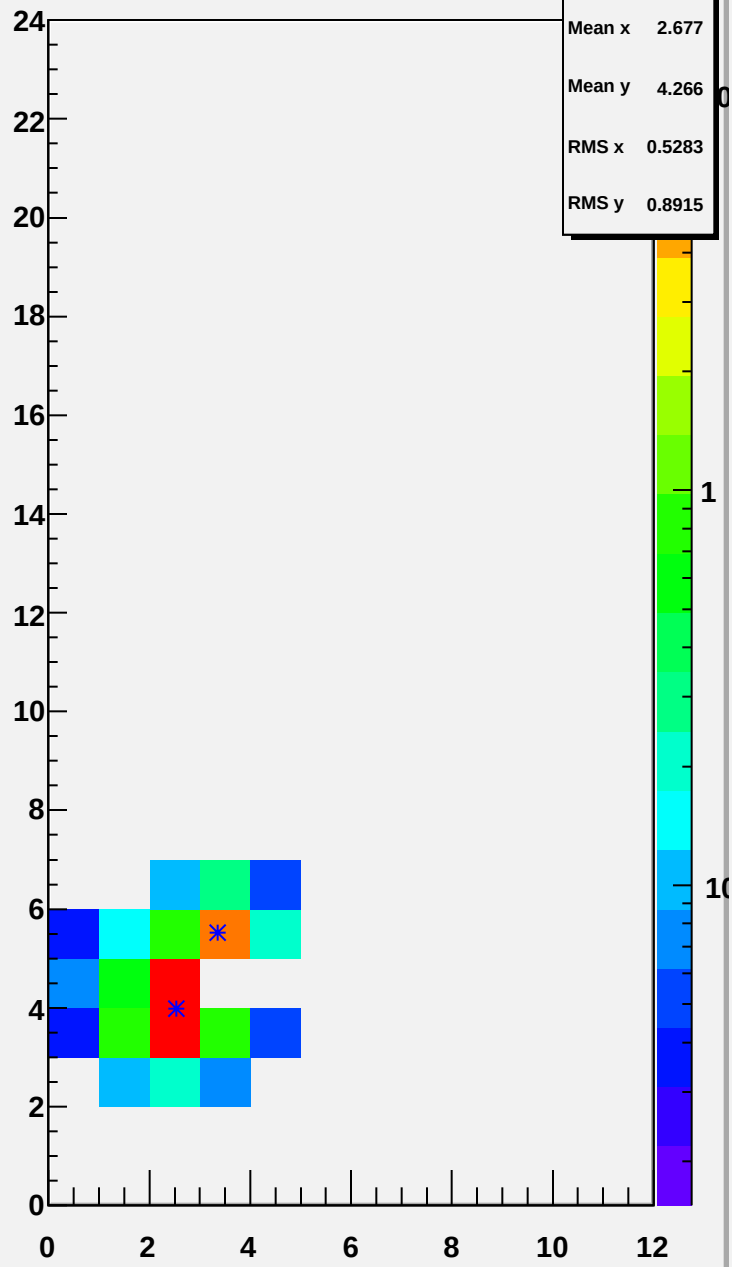
Efit

Entries	288
Mean x	1.717
Mean y	4.999
RMS x	0.4979
RMS y	0.7549

NSTB3_r4_c3_En=36.7_m0=0.153 m1=0.153 index=1338



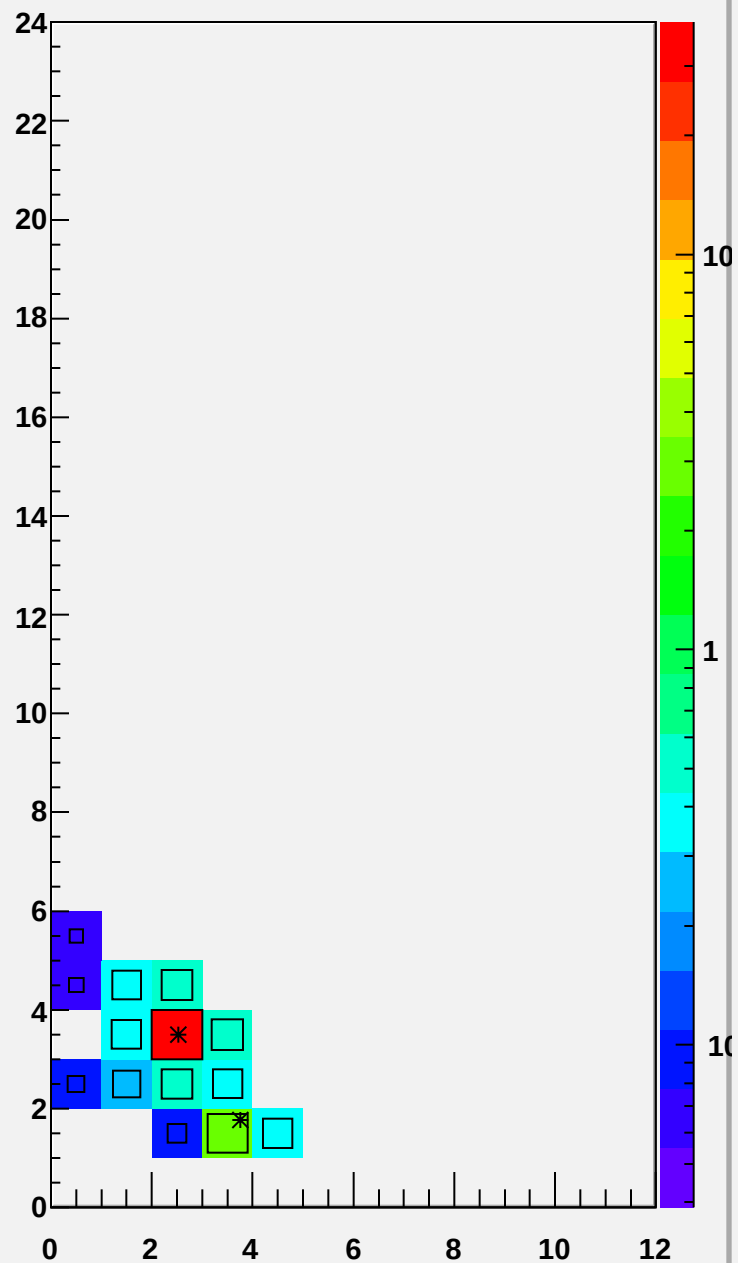
Fitted Energies



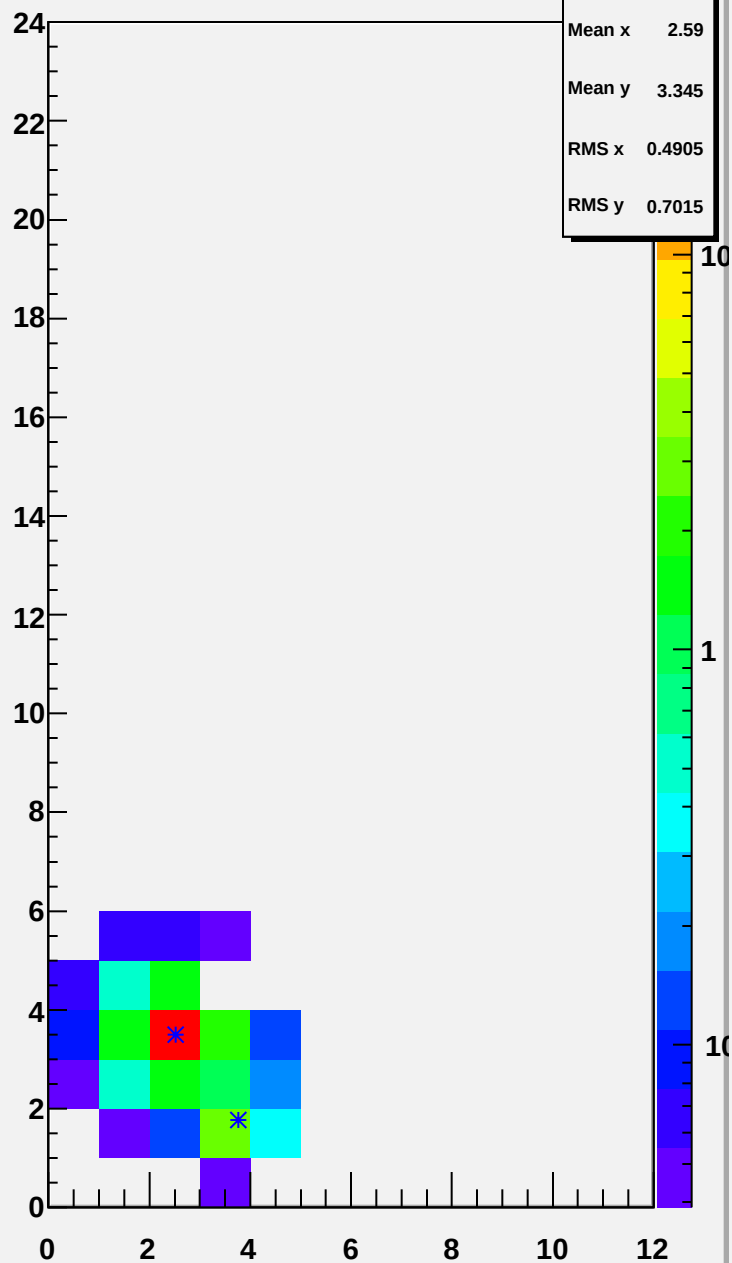
Efit

Entries	288
Mean x	2.677
Mean y	4.266
RMS x	0.5283
RMS y	0.8915

NSTB3_r4_c3_En=45.6_m0=0.164 m1=0.164 index=1339



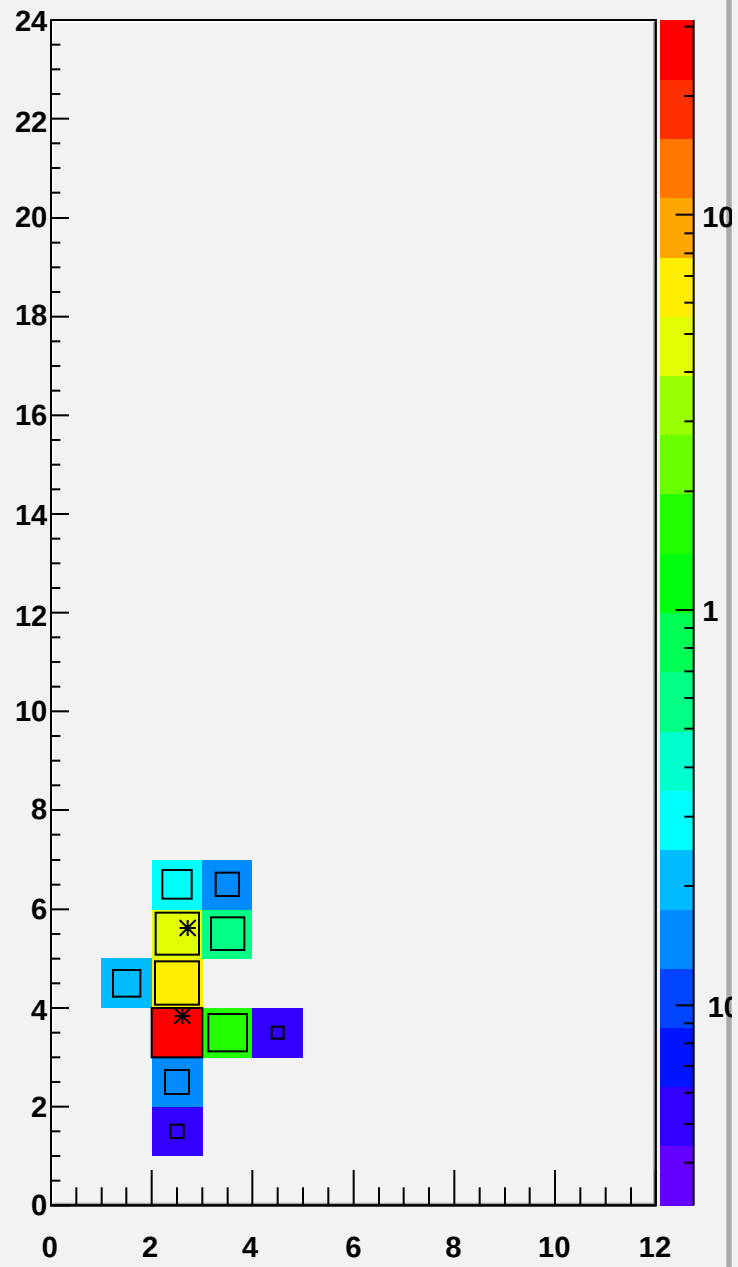
Fitted Energies



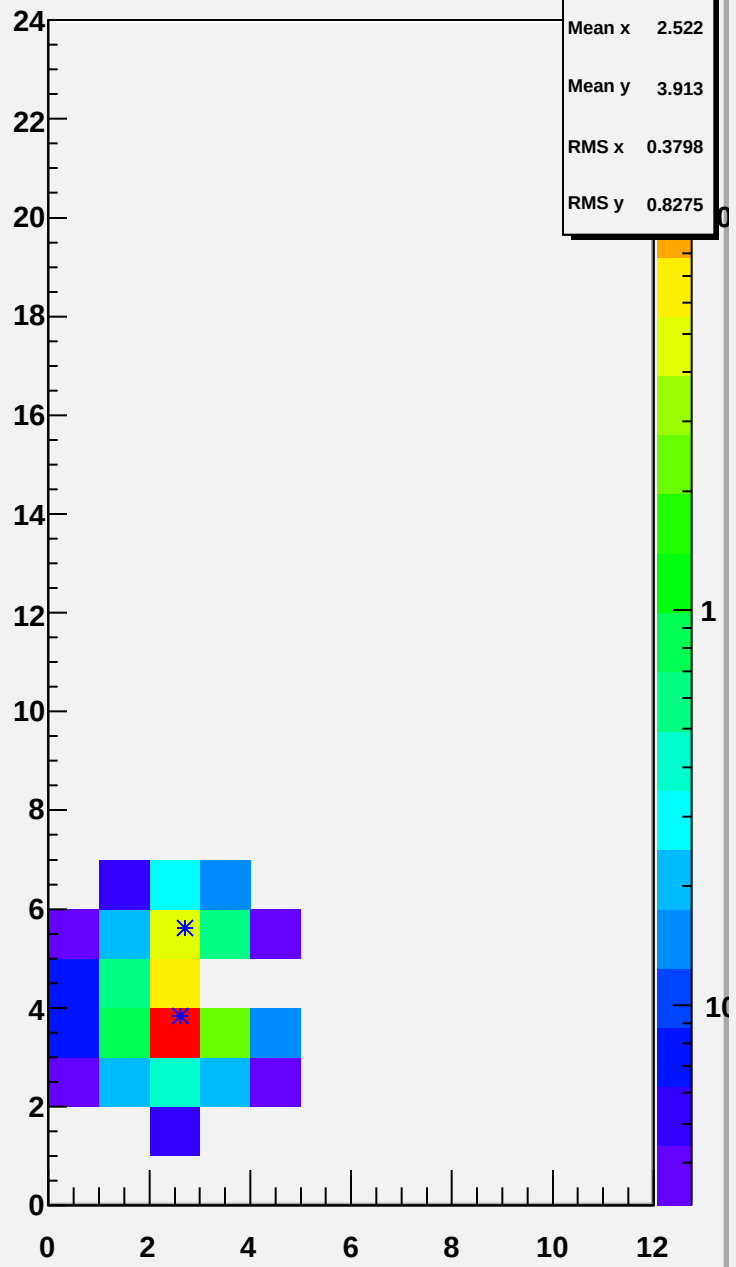
Efit

Entries	288
Mean x	2.59
Mean y	3.345
RMS x	0.4905
RMS y	0.7015

NSTB3_r4_c3_En=46.3_m0=0.162 m1=0.162 index=1340



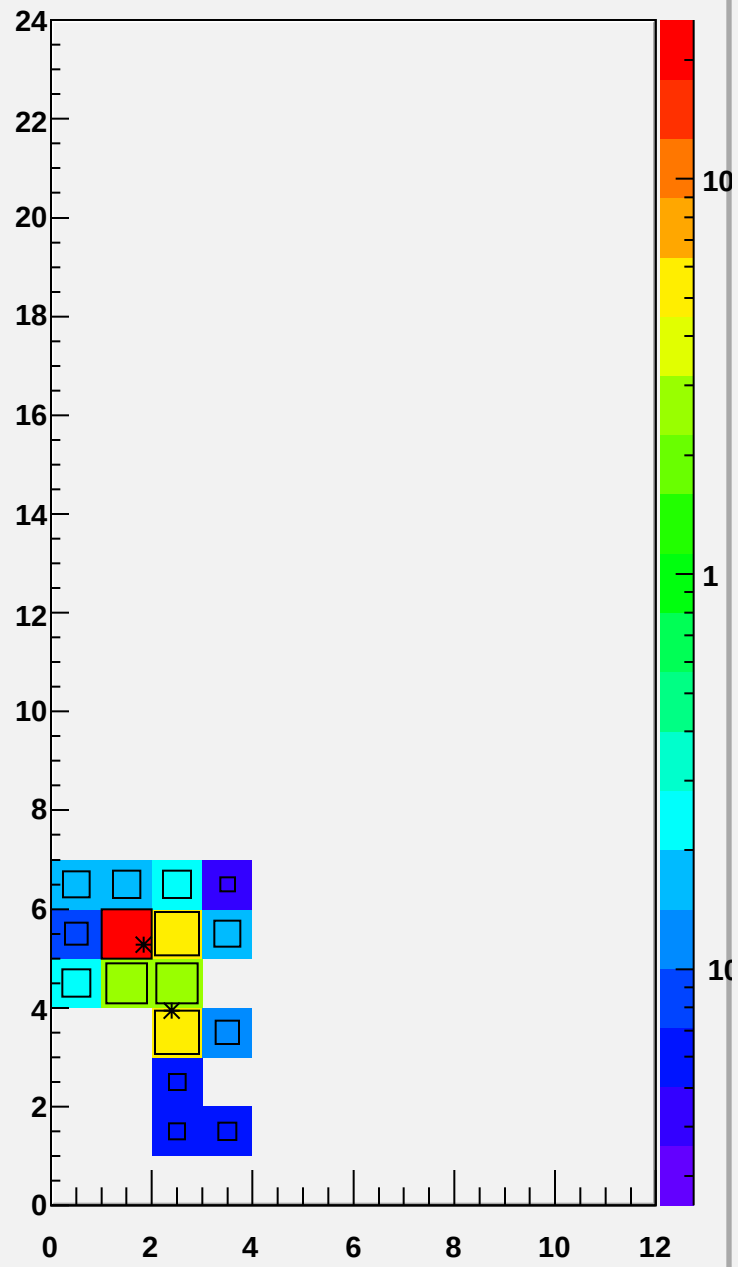
Fitted Energies



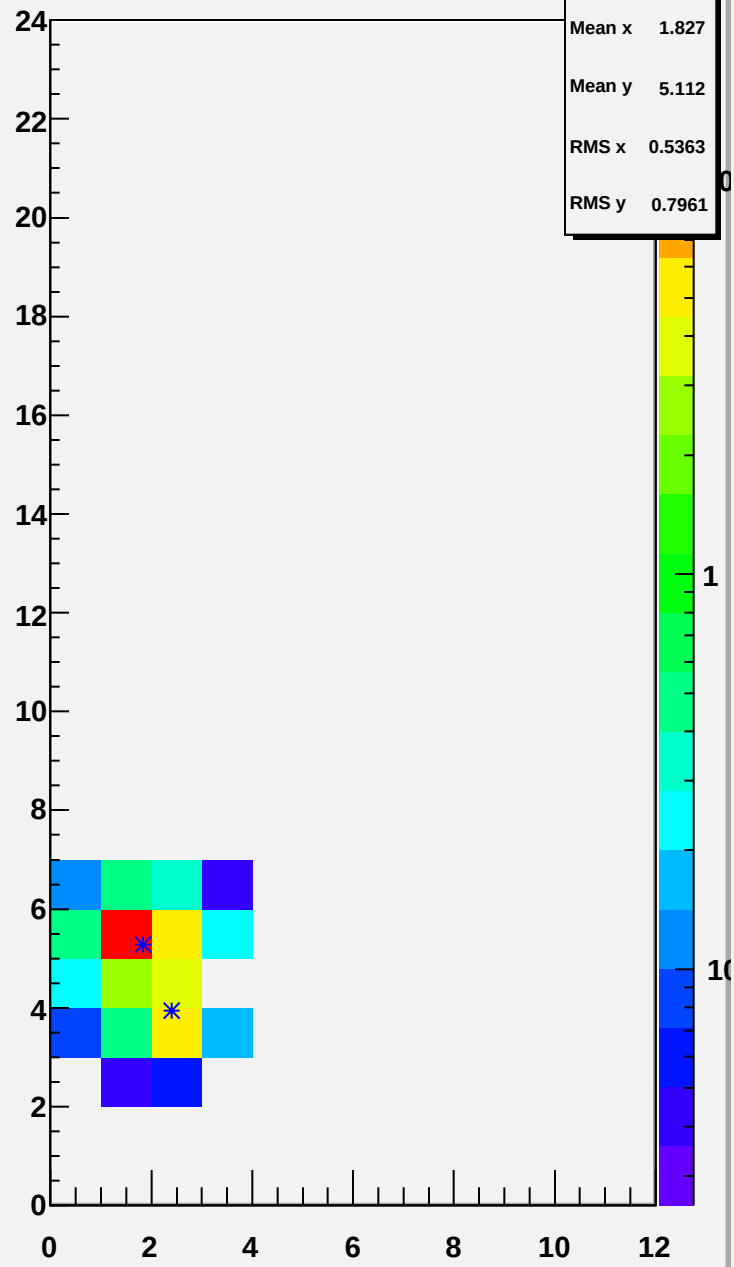
Efit

Entries	288
Mean x	2.522
Mean y	3.913
RMS x	0.3798
RMS y	0.8275

NSTB3_r4_c3_En=42.0_m0=0.143 m1=0.143 index=1341



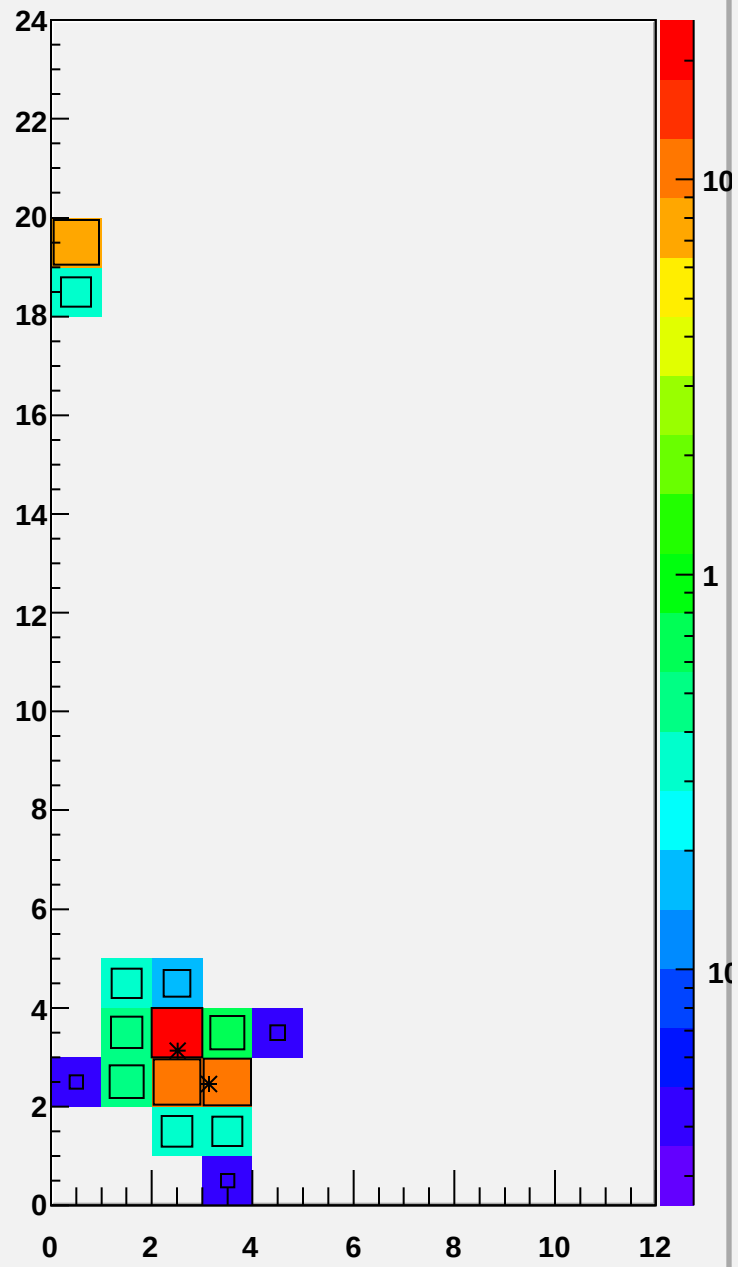
Fitted Energies



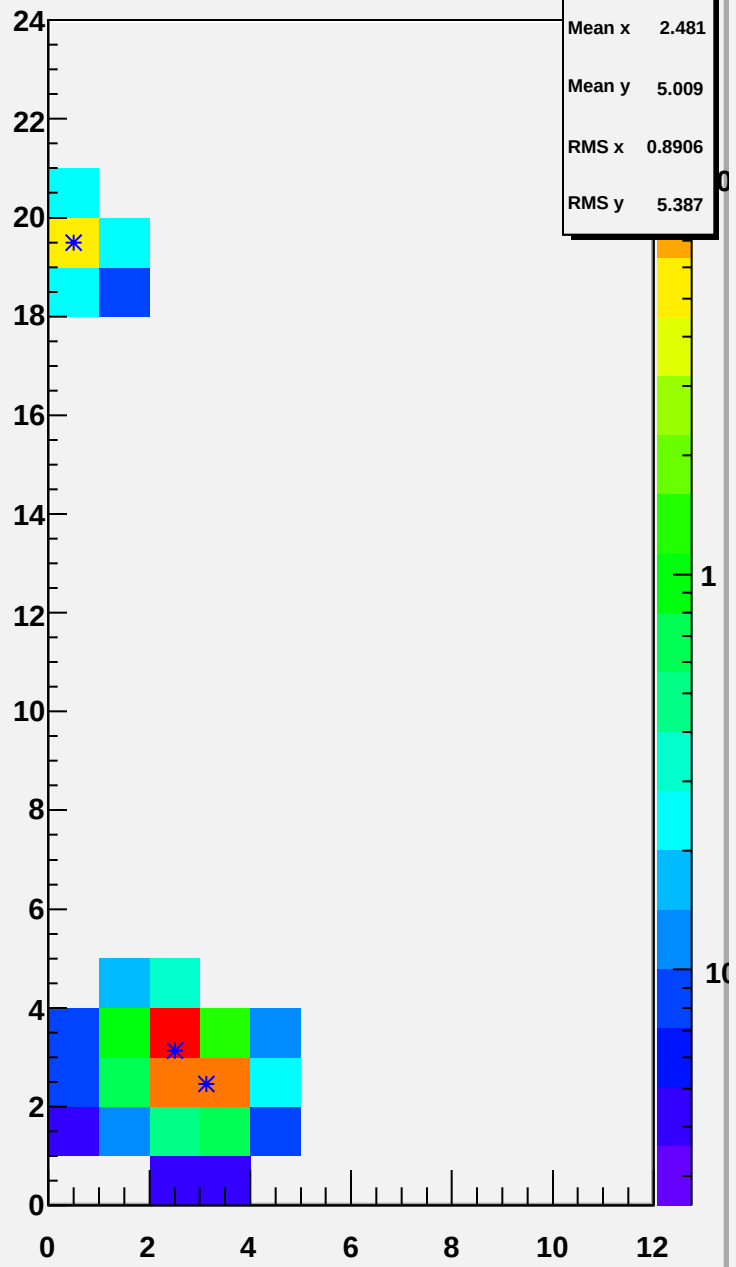
Efit

Entries	288
Mean x	1.827
Mean y	5.112
RMS x	0.5363
RMS y	0.7961

NSTB3_r4_c3_En=56.7_m0=0.119 m1=0.119 index=1342



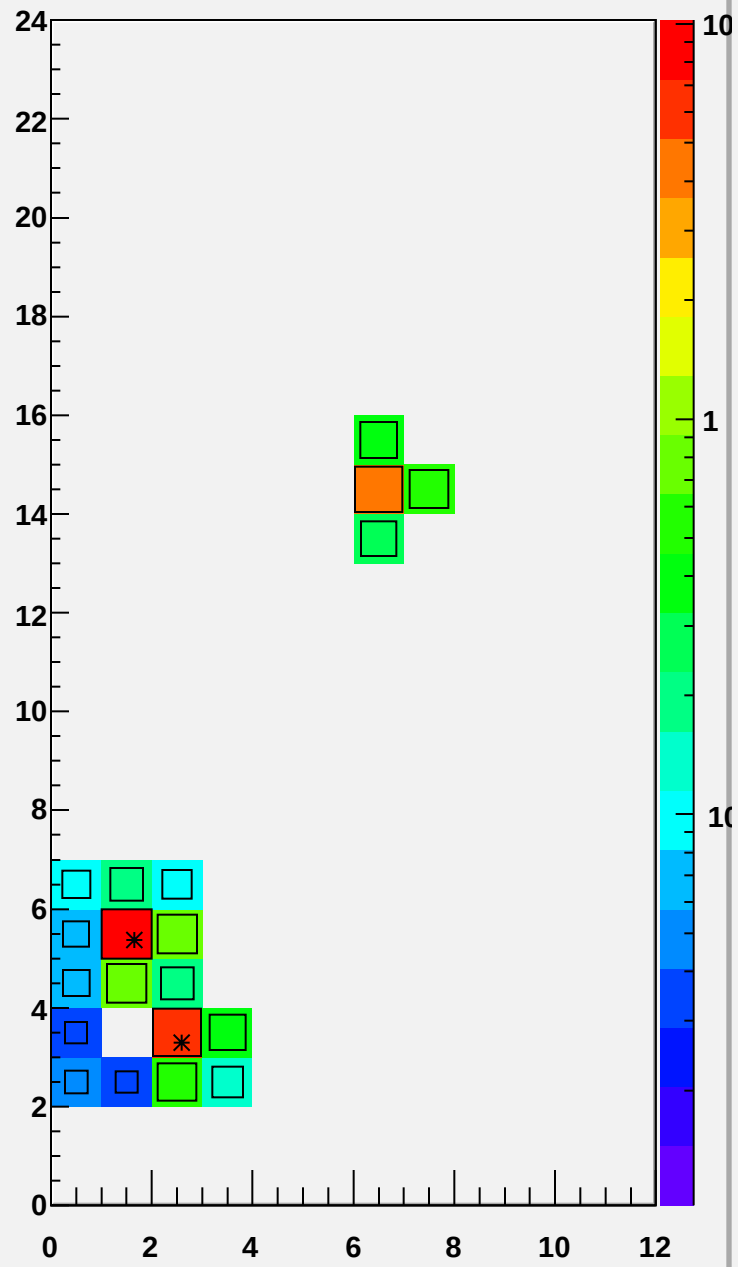
Fitted Energies



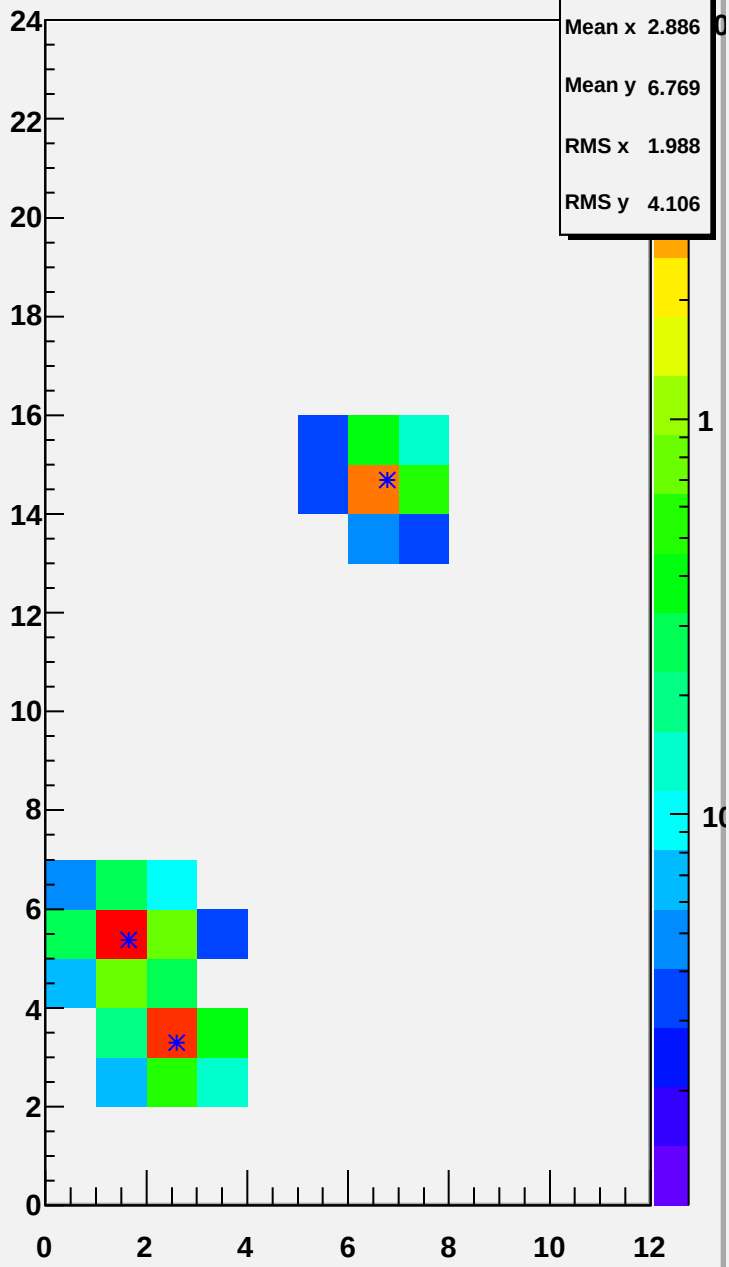
Efit

Entries	288
Mean x	2.481
Mean y	5.009
RMS x	0.8906
RMS y	5.387

NSTB3_r4_c3_En=24.3_m0=0.121 m1=0.121 index=1344



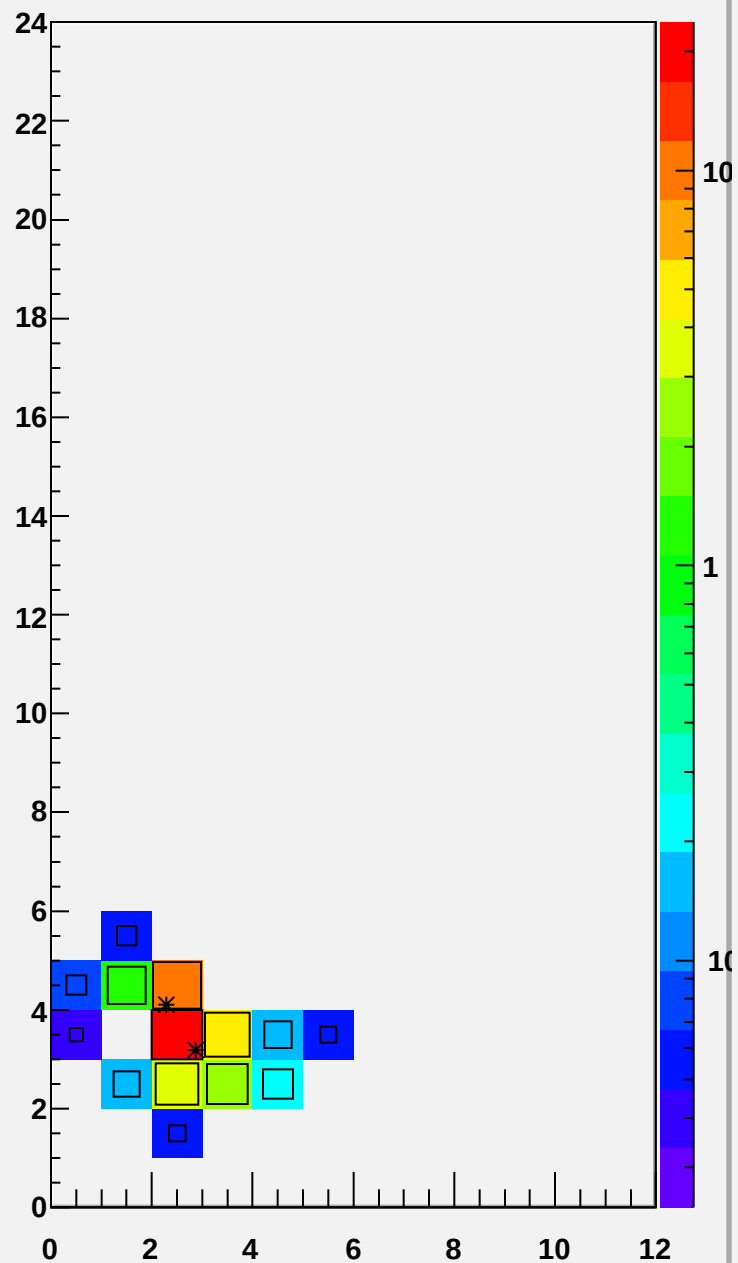
Fitted Energies



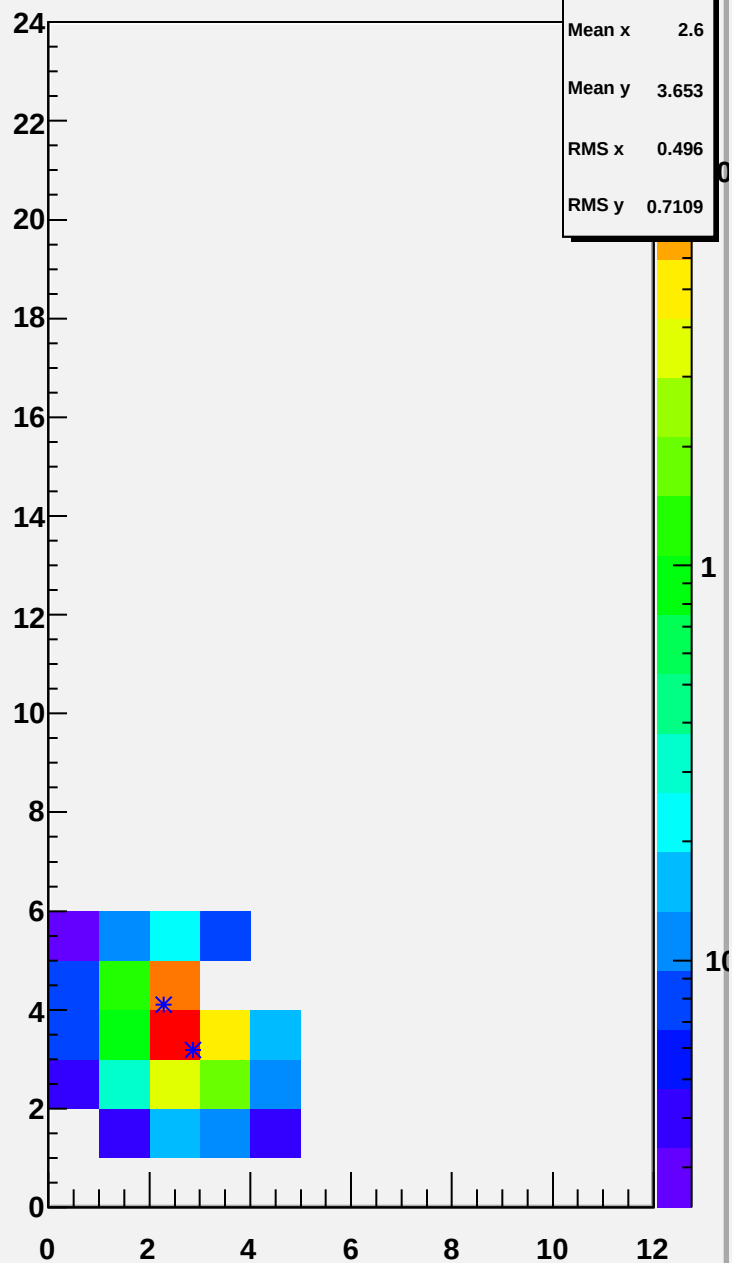
Efit

Entries 288
Mean x 2.886
Mean y 6.769
RMS x 1.988
RMS y 4.106

NSTB3_r4_c3_En=48.0_m0=0.142 m1=0.141 index=1345



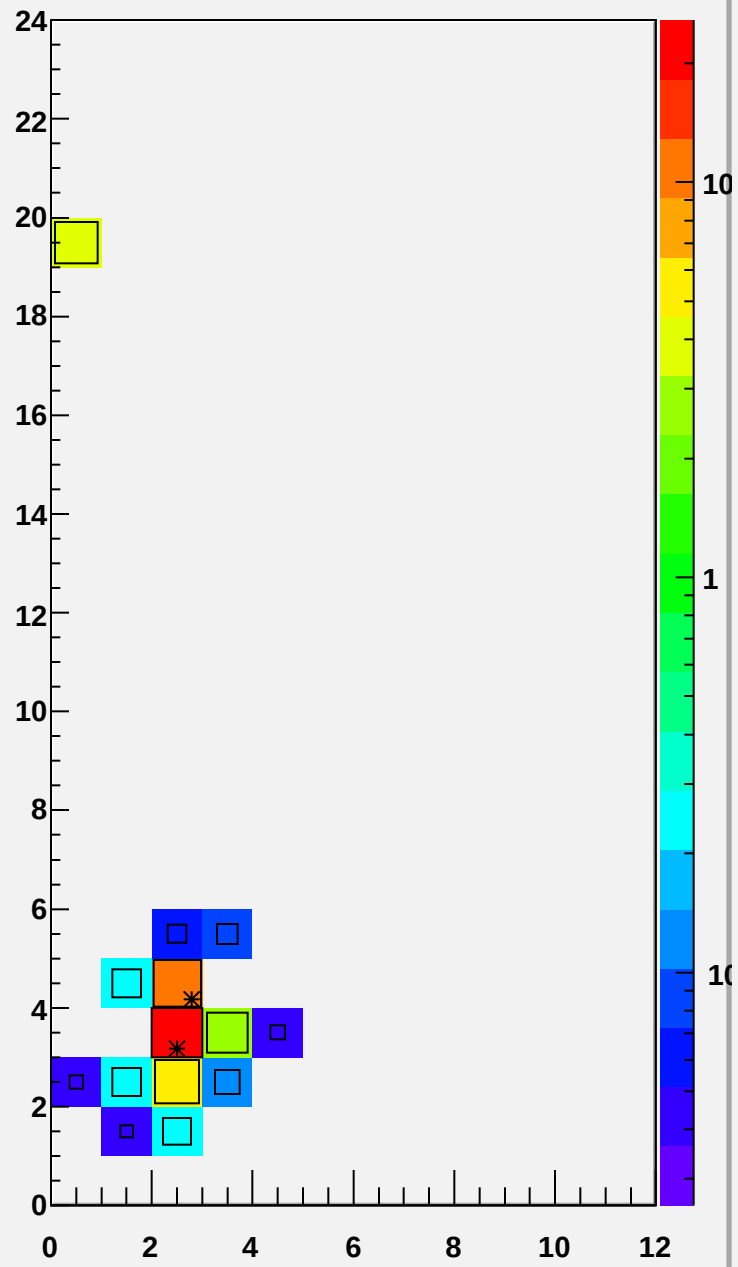
Fitted Energies



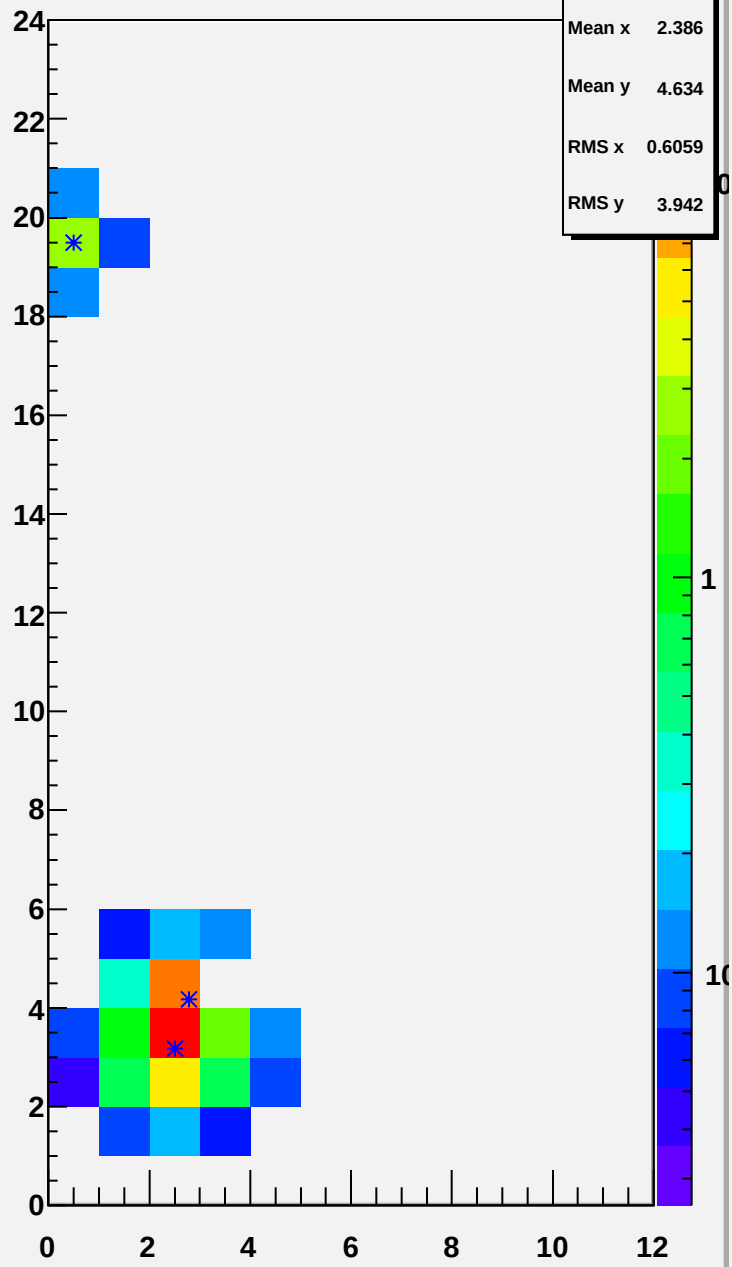
Efit

Entries	288
Mean x	2.6
Mean y	3.653
RMS x	0.496
RMS y	0.7109

NSTB3_r4_c3_En=49.3_m0=0.130 m1=0.130 index=1346



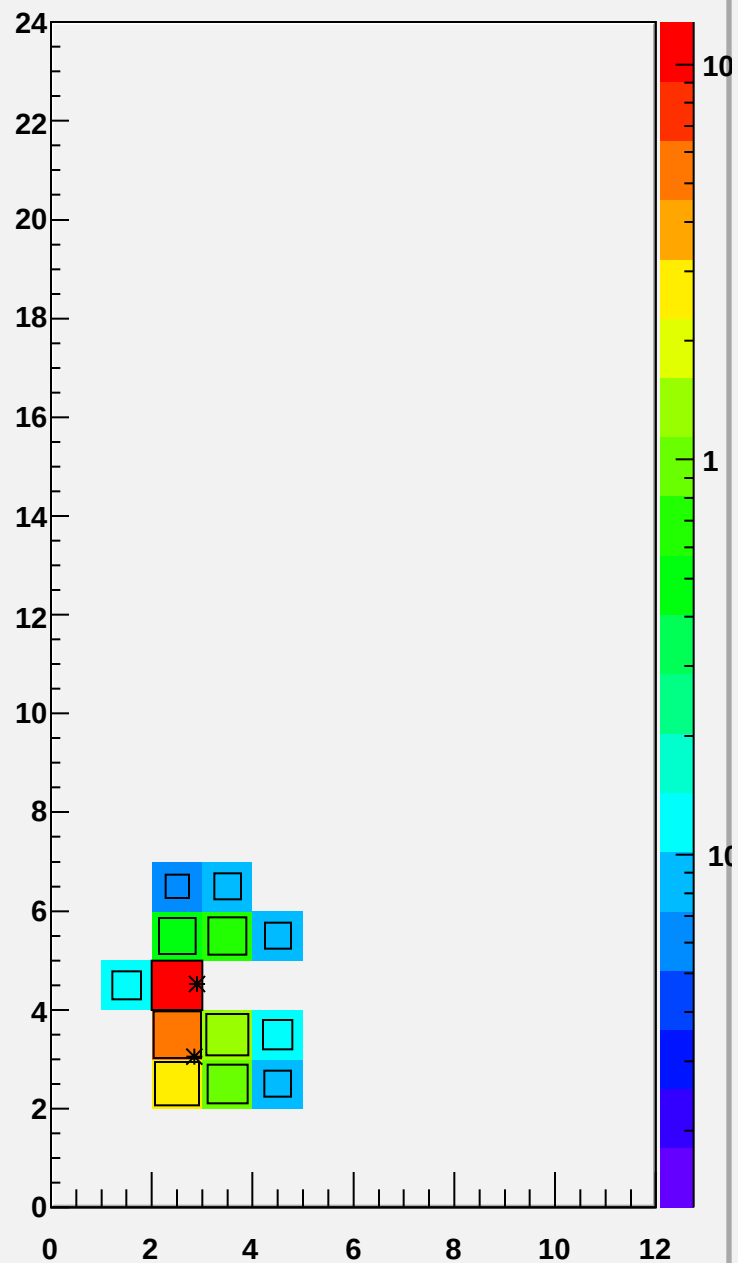
Fitted Energies



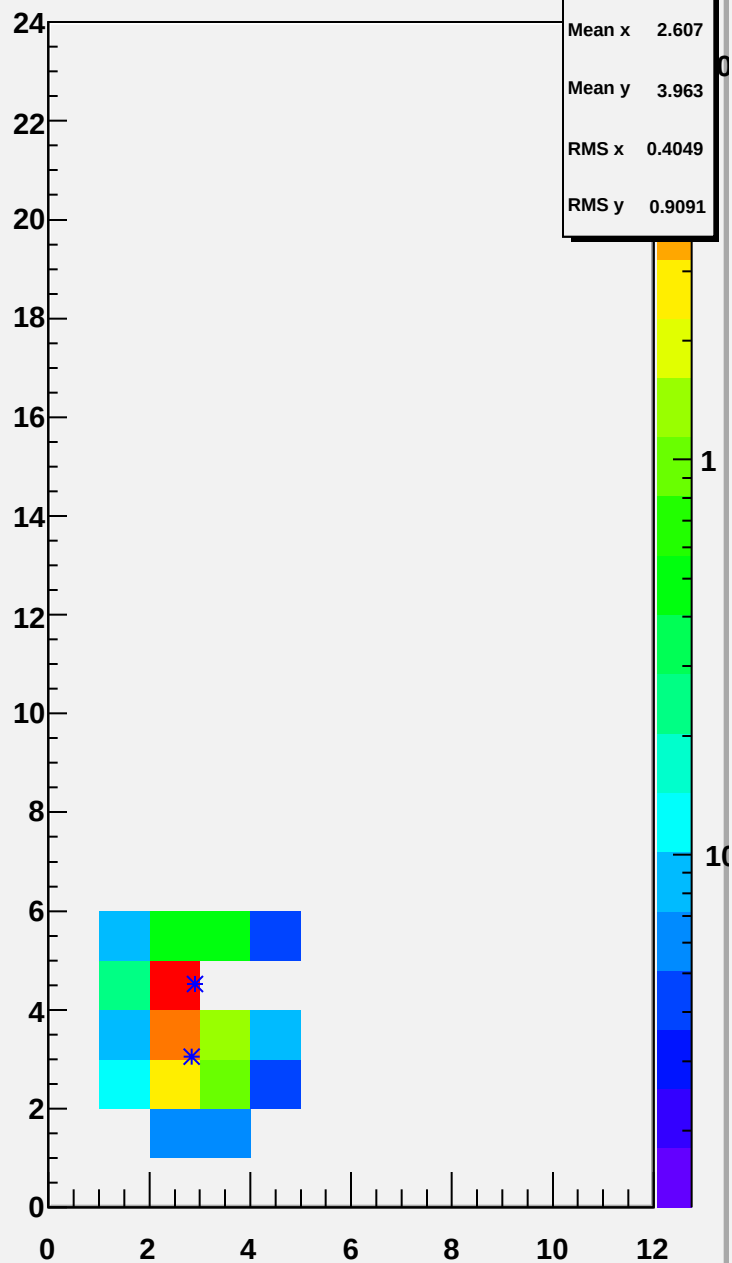
Efit

Entries	288
Mean x	2.386
Mean y	4.634
RMS x	0.6059
RMS y	3.942

NSTB3_r4_c3_En=25.4_m0=0.118 m1=0.117 index=1347



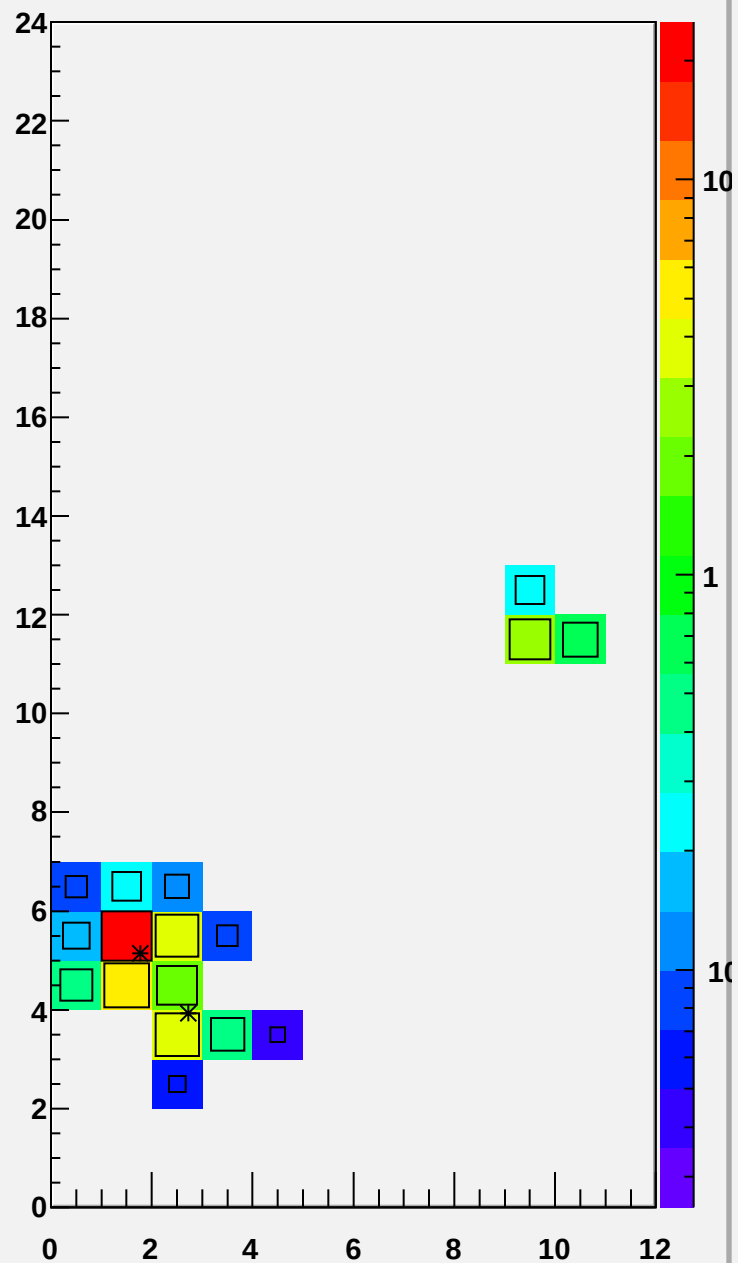
Fitted Energies



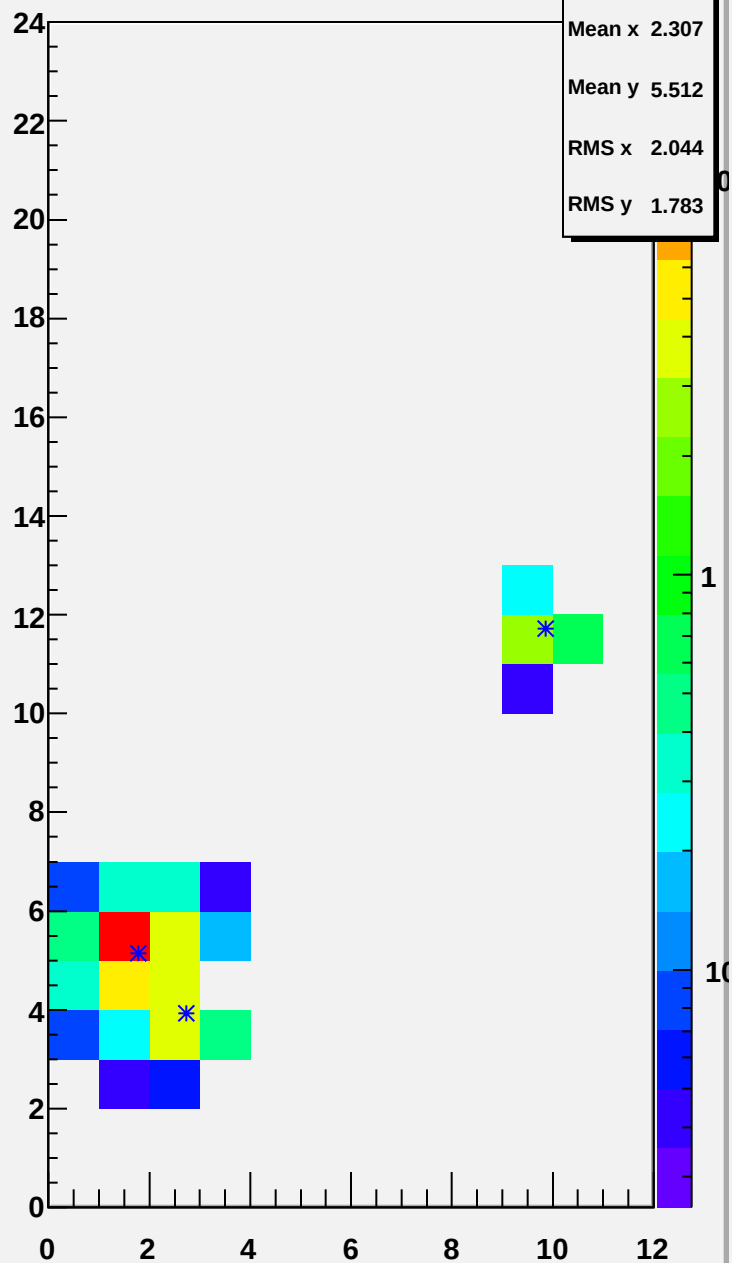
Efit

Entries	288
Mean x	2.607
Mean y	3.963
RMS x	0.4049
RMS y	0.9091

NSTB3_r4_c3_En=45.3_m0=0.142 m1=0.141 index=1350



Fitted Energies



Efit

Entries 288

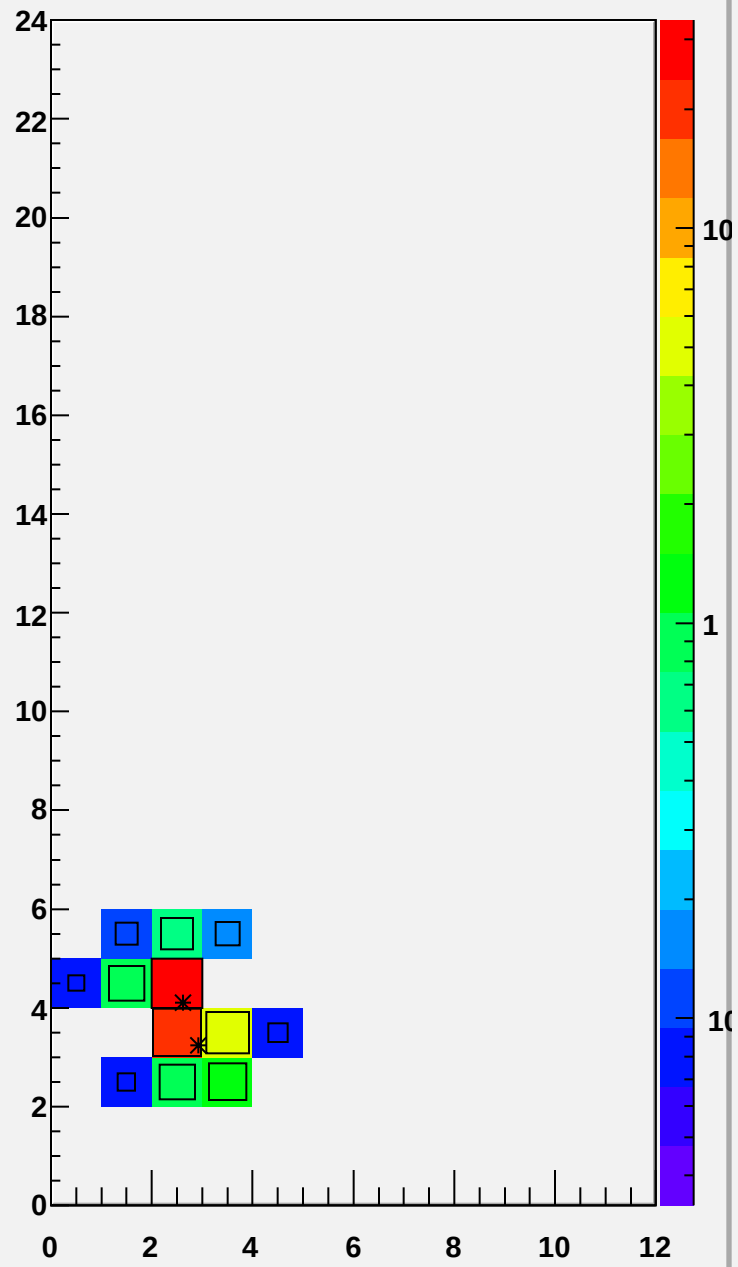
Mean x 2.307

Mean y 5.512

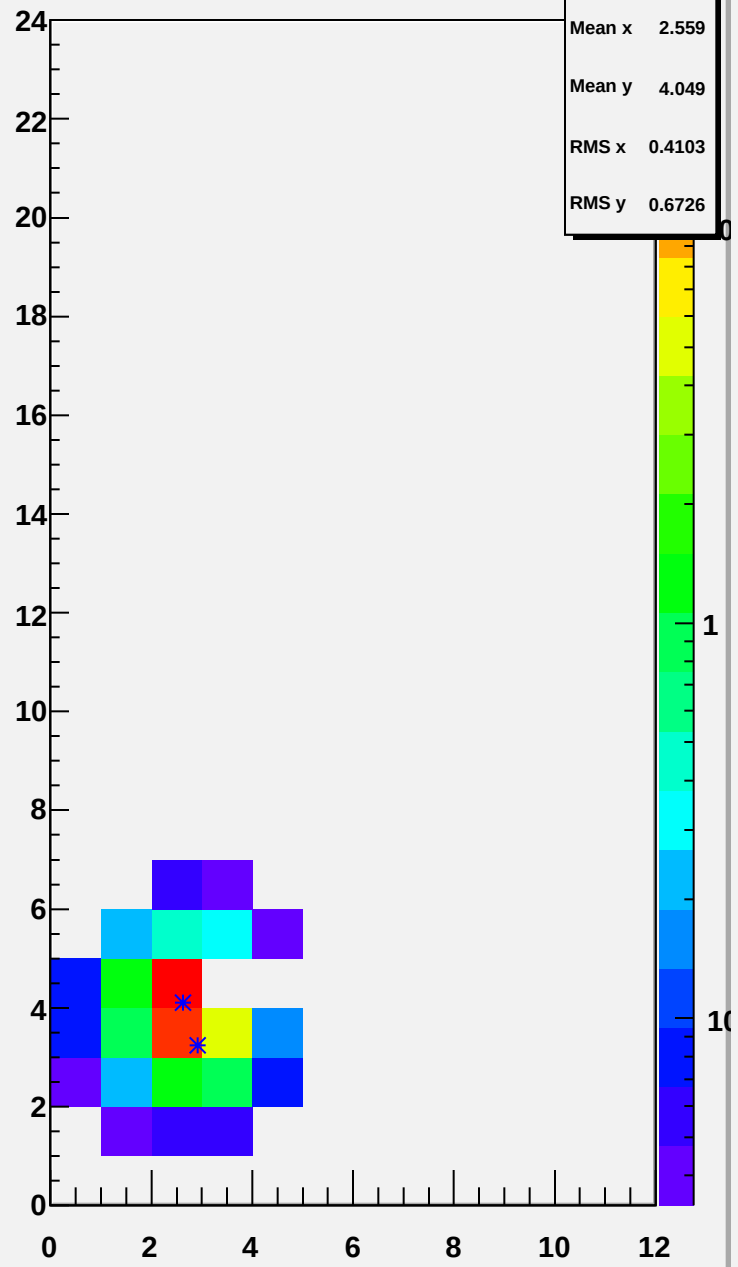
RMS x 2.044

RMS y 1.783

NSTB3_r4_c3_En=61.7_m0=0.131 m1=0.131 index=1351



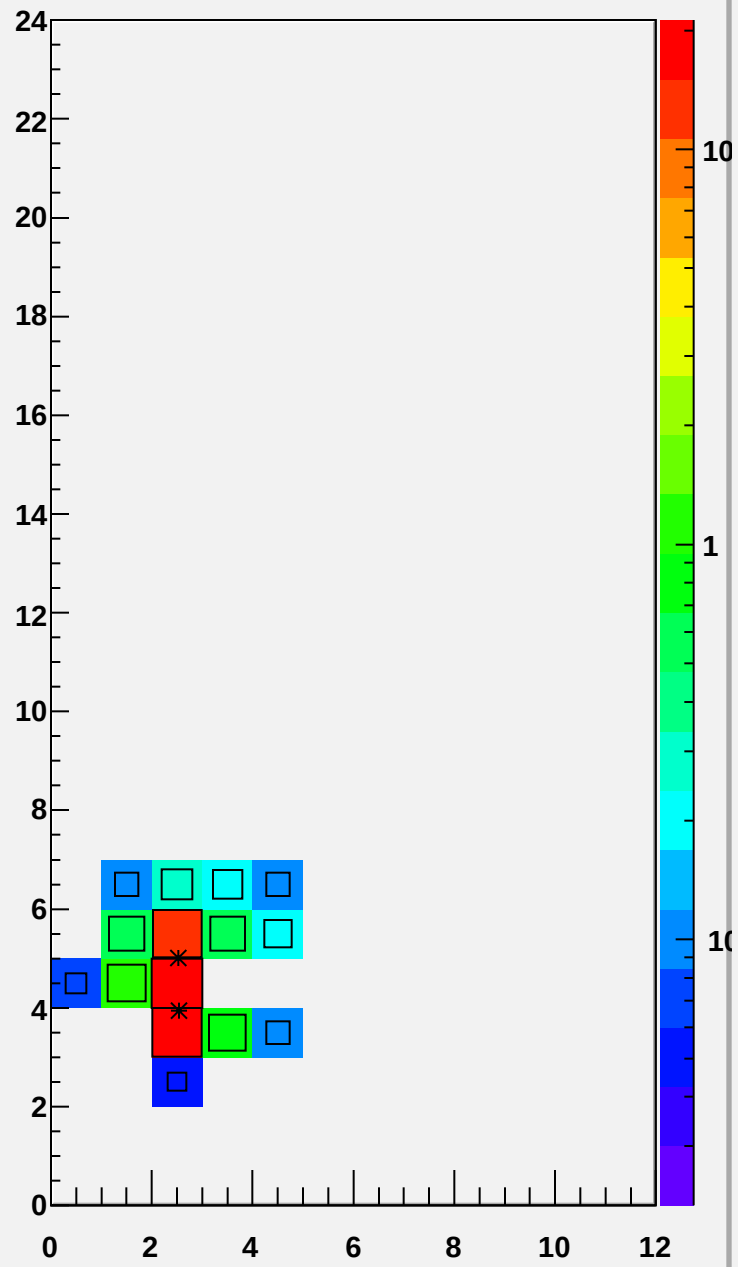
Fitted Energies



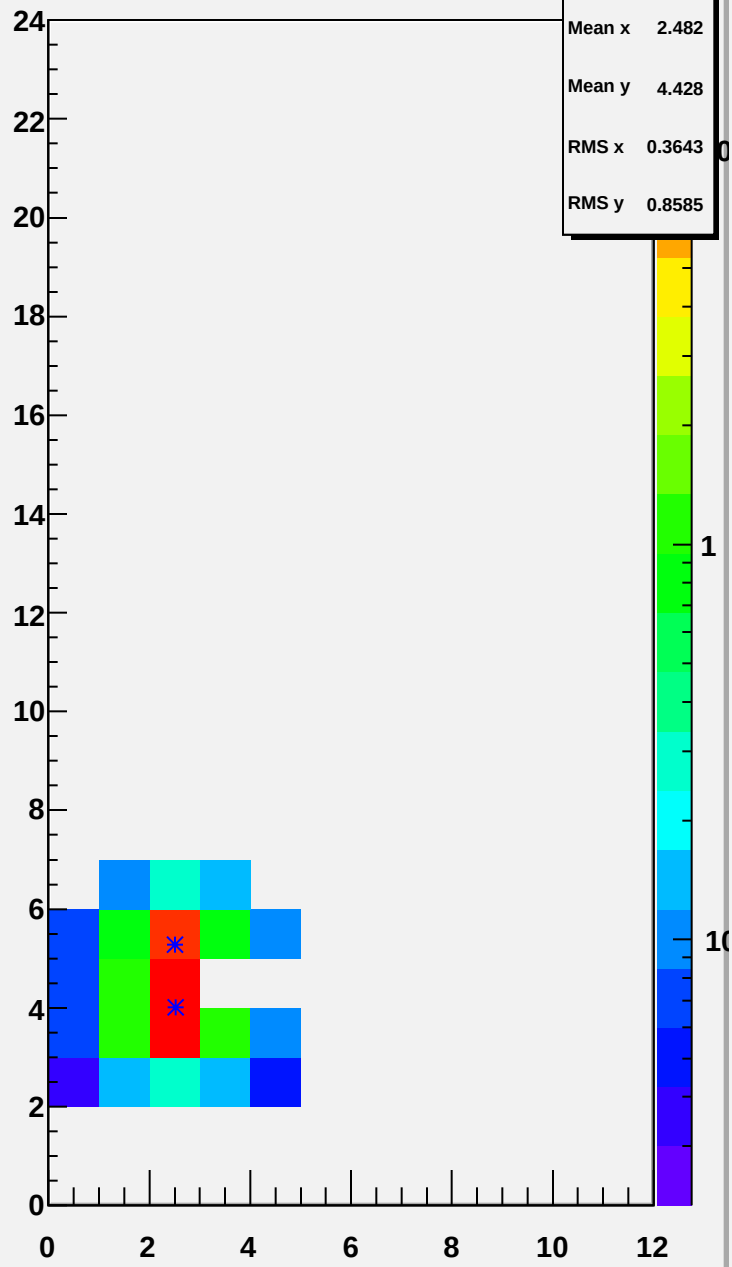
Efit

Entries	288
Mean x	2.559
Mean y	4.049
RMS x	0.4103
RMS y	0.6726

NSTB3_r4_c3_En=56.2_m0=0.175 m1=0.188 index=1352



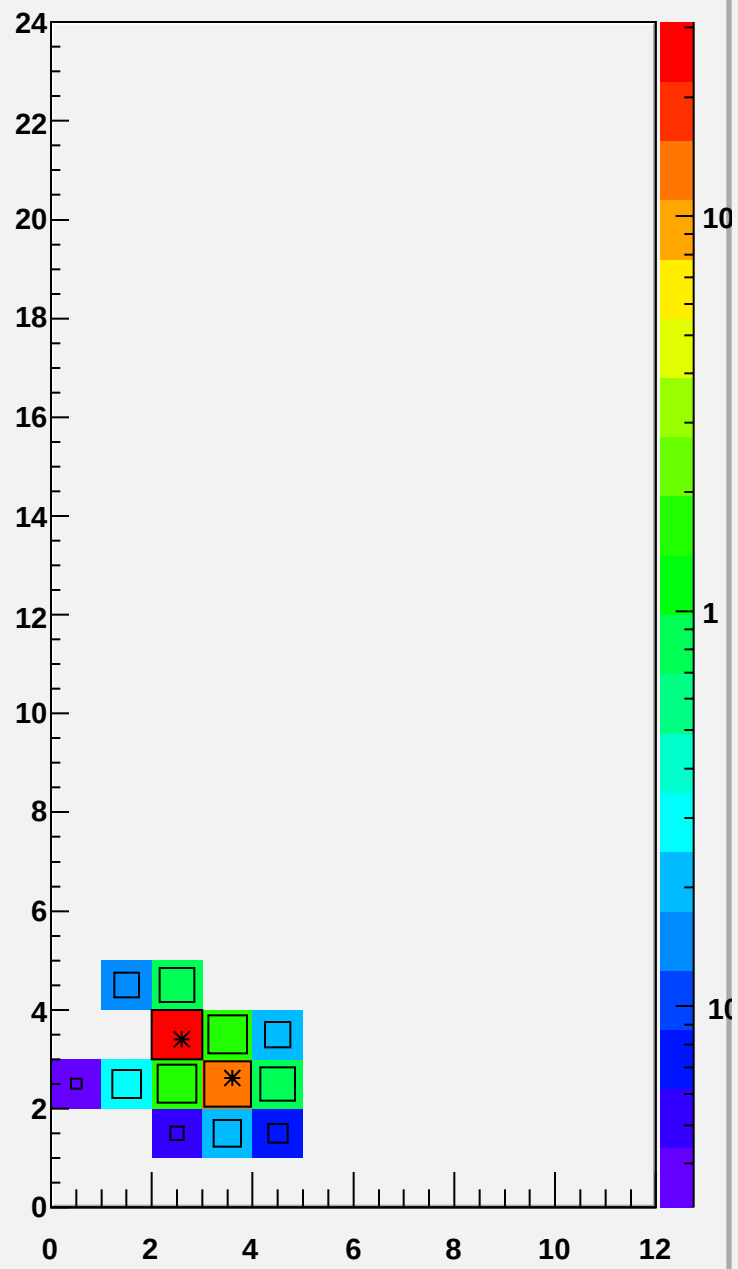
Fitted Energies



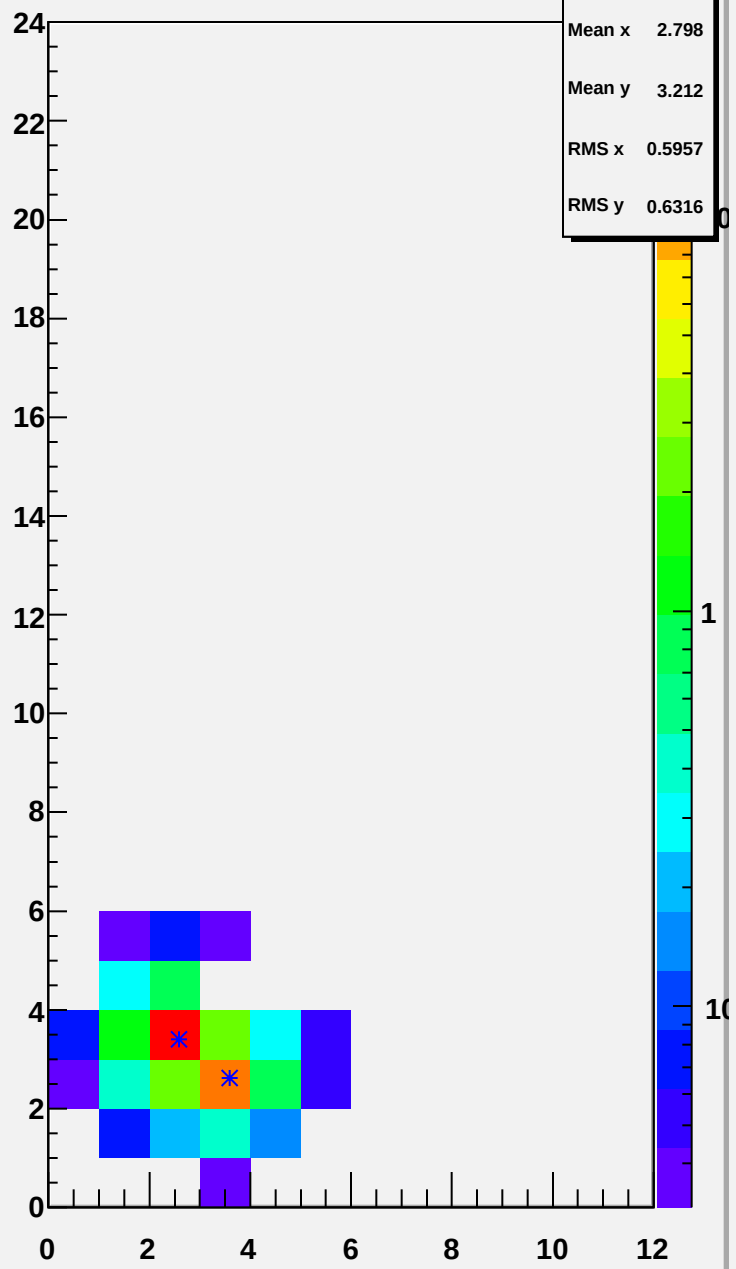
Efit

Entries	288
Mean x	2.482
Mean y	4.428
RMS x	0.3643
RMS y	0.8585

NSTB3_r4_c3_En=48.8_m0=0.162 m1=0.162 index=1354



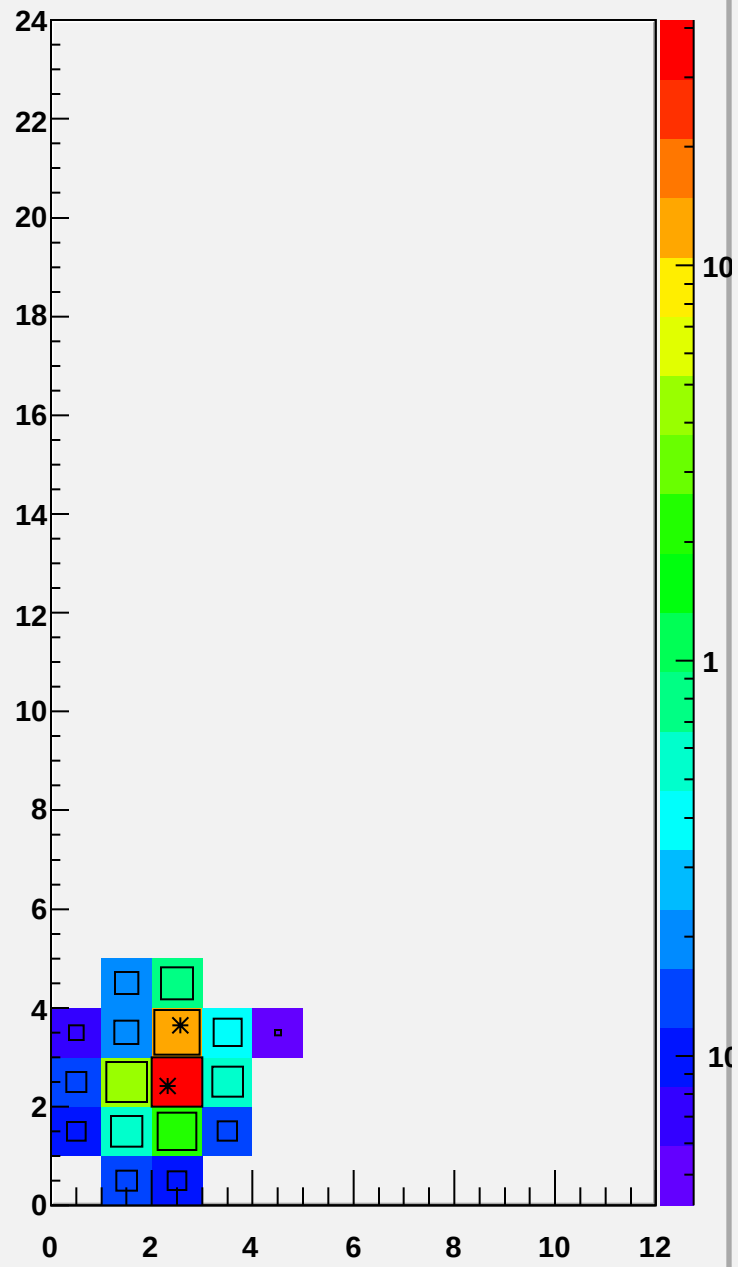
Fitted Energies



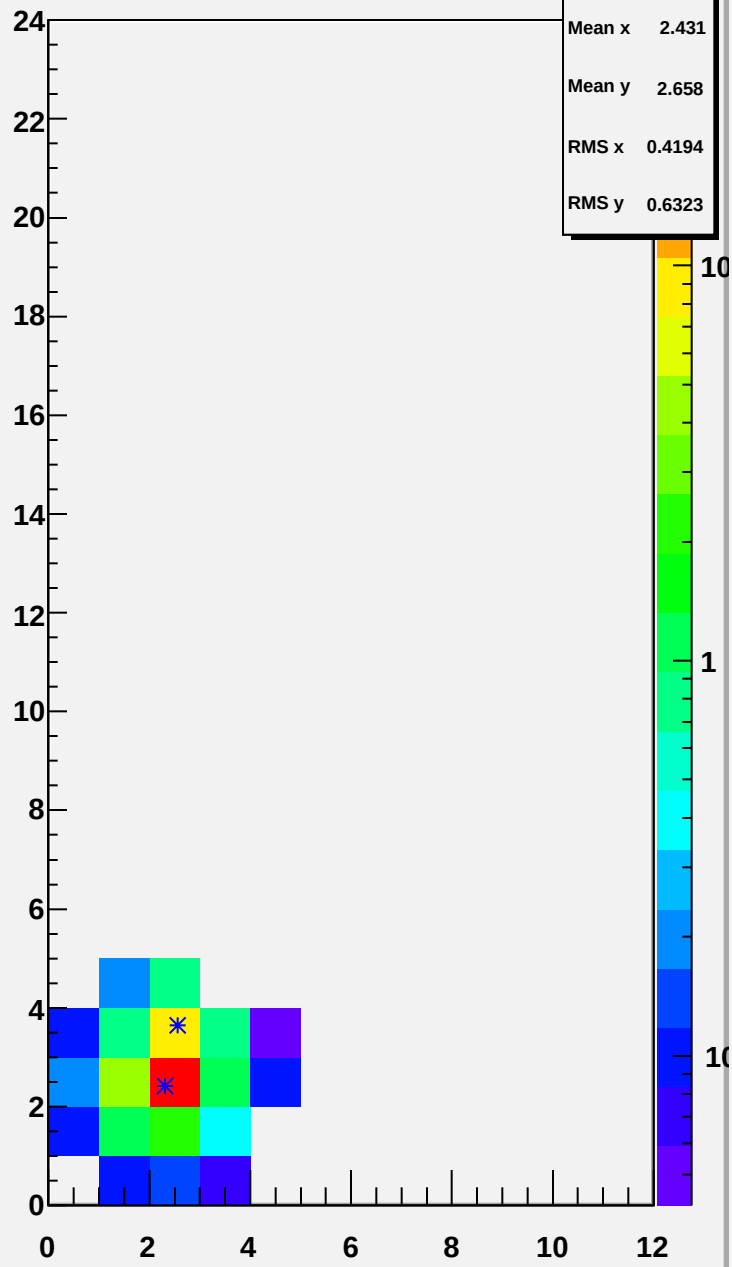
Efit

Entries	288
Mean x	2.798
Mean y	3.212
RMS x	0.5957
RMS y	0.6316

NSTB3_r4_c3_En=62.7_m0=0.166 m1=0.166 index=1355



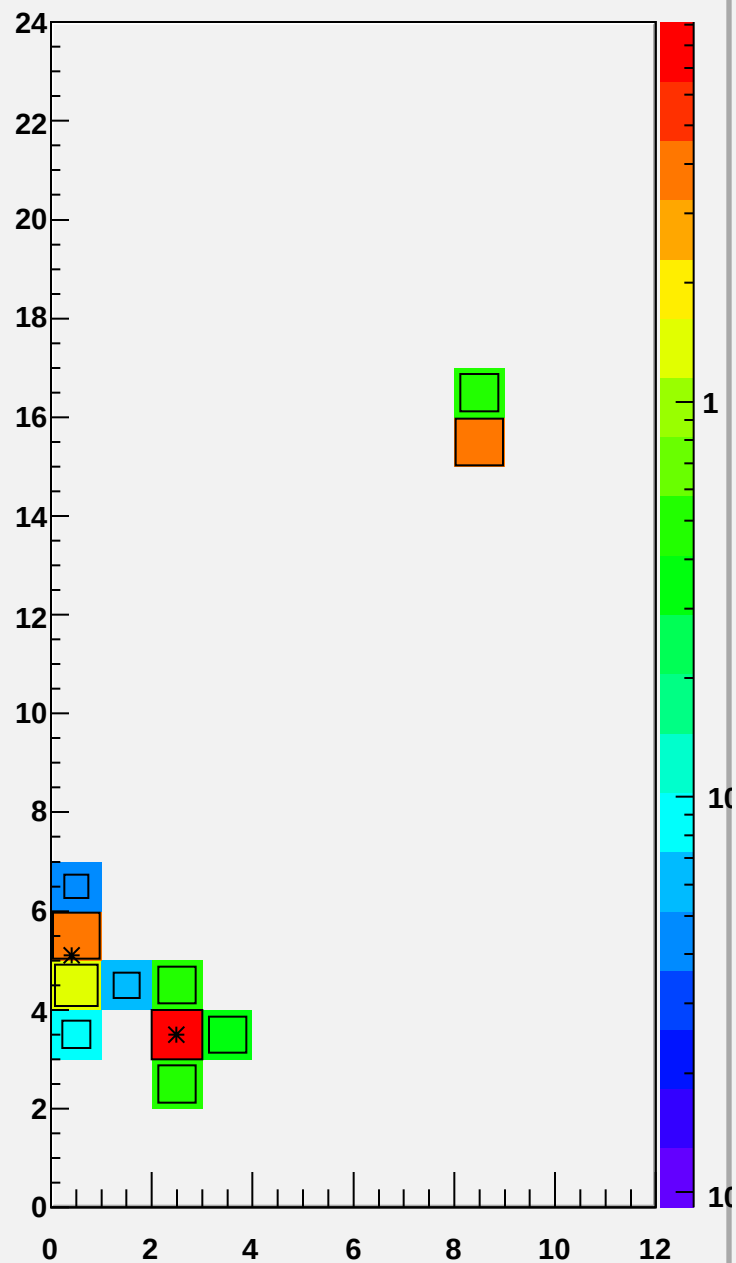
Fitted Energies



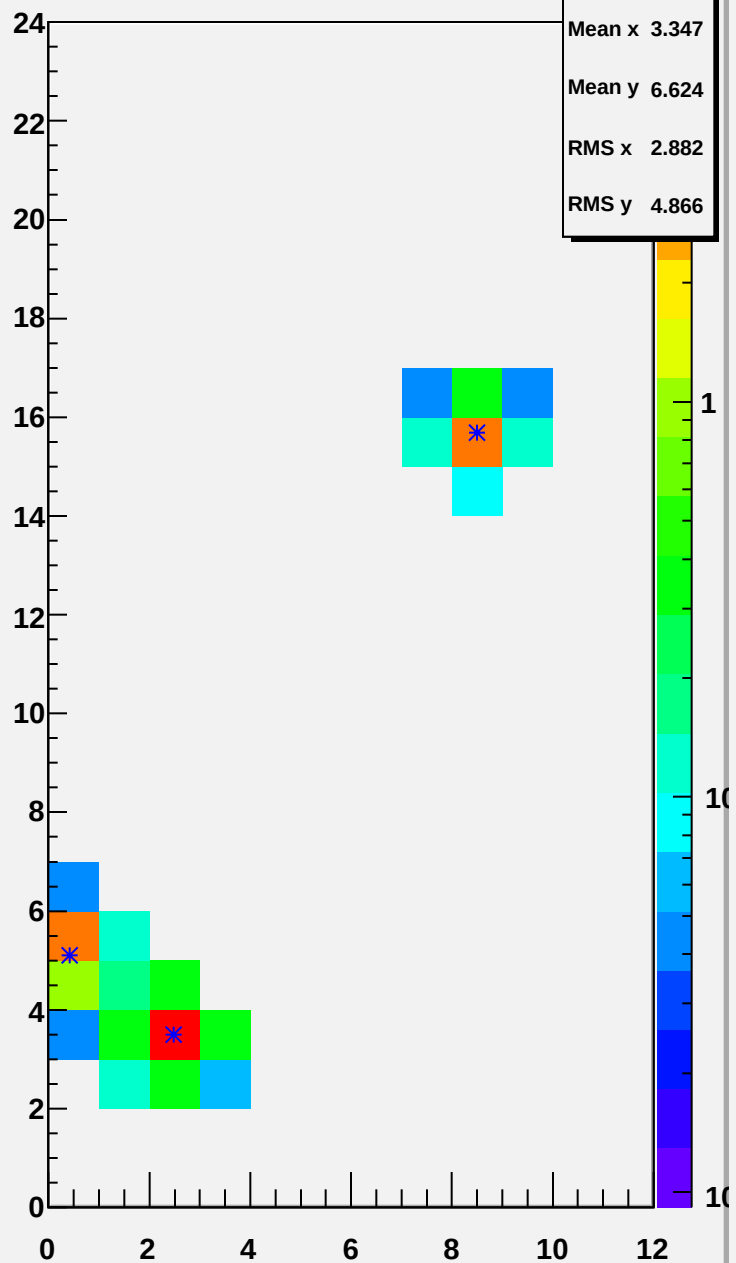
Efit

Entries	288
Mean x	2.431
Mean y	2.658
RMS x	0.4194
RMS y	0.6323

NSTB3_r4_c3_En=19.8_m0=0.113 m1=0.113 index=1356



Fitted Energies



Efit

Entries 288

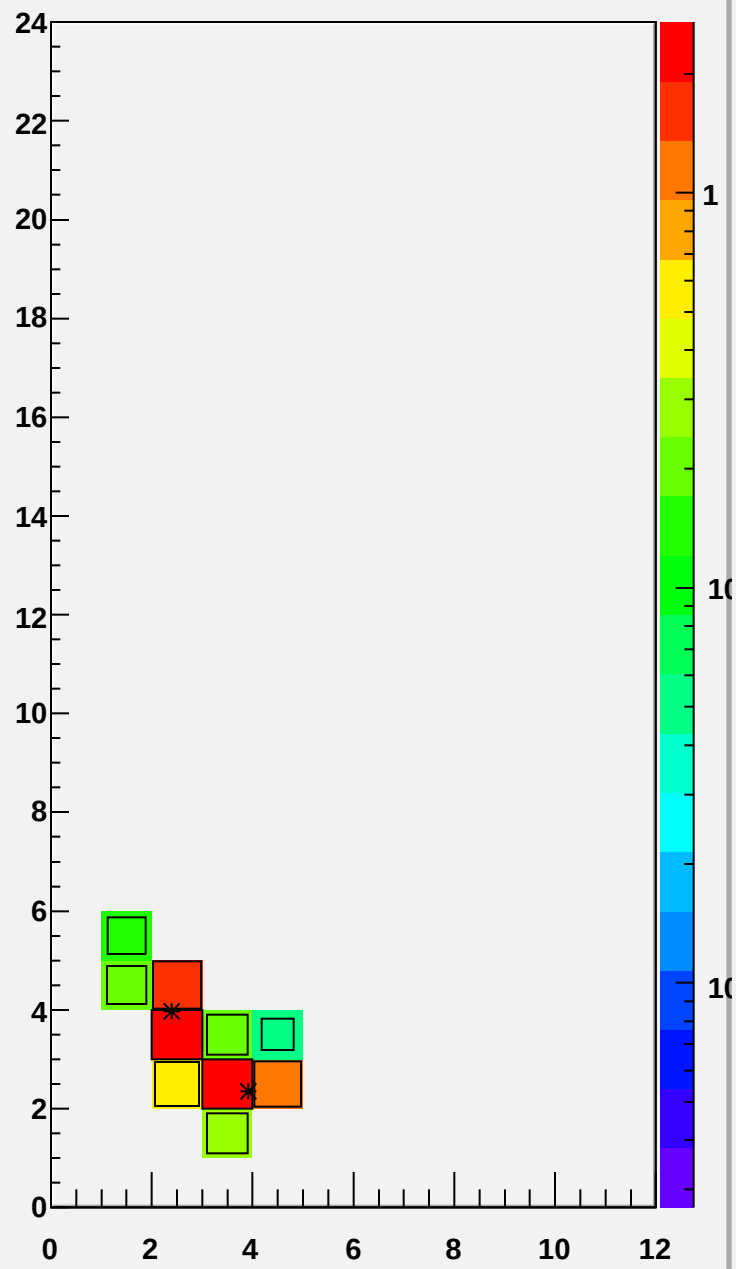
Mean x 3.347

Mean y 6.624

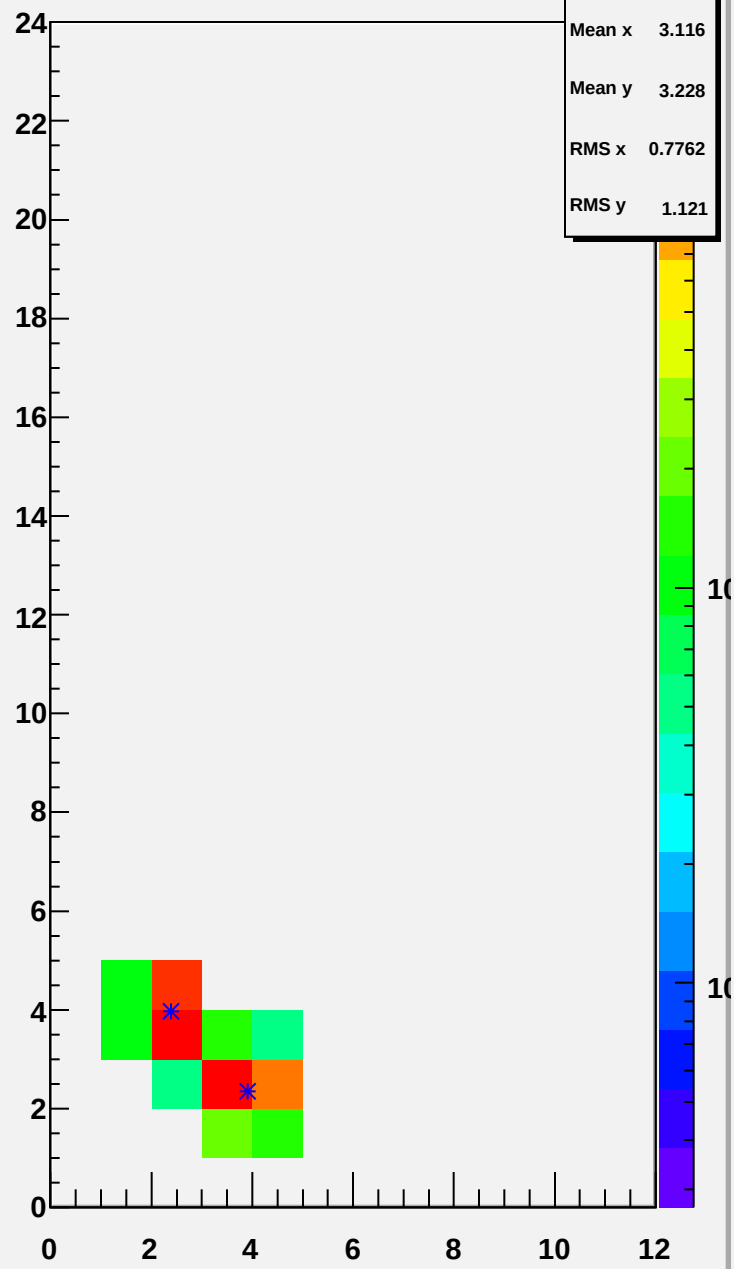
RMS x 2.882

RMS y 4.866

NSTB3_r4_c3_En= 9.2_m0=0.056 m1=0.056 index=1357



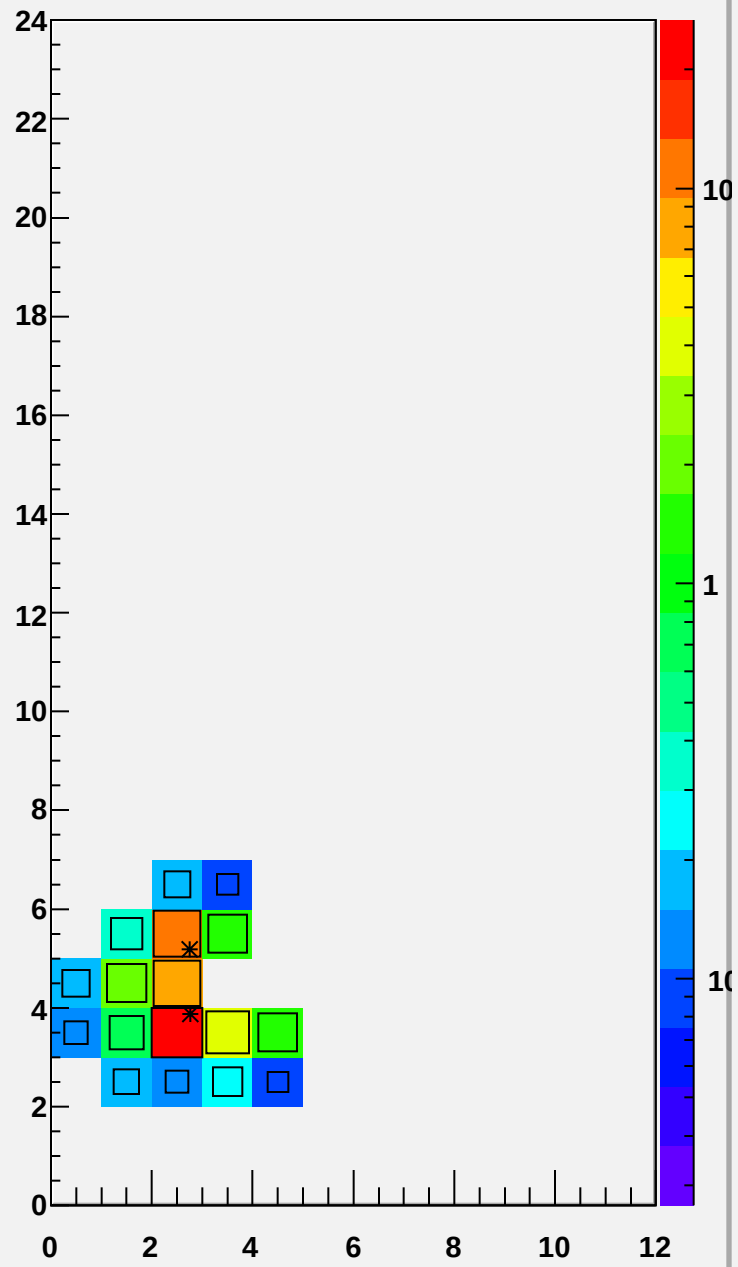
Fitted Energies



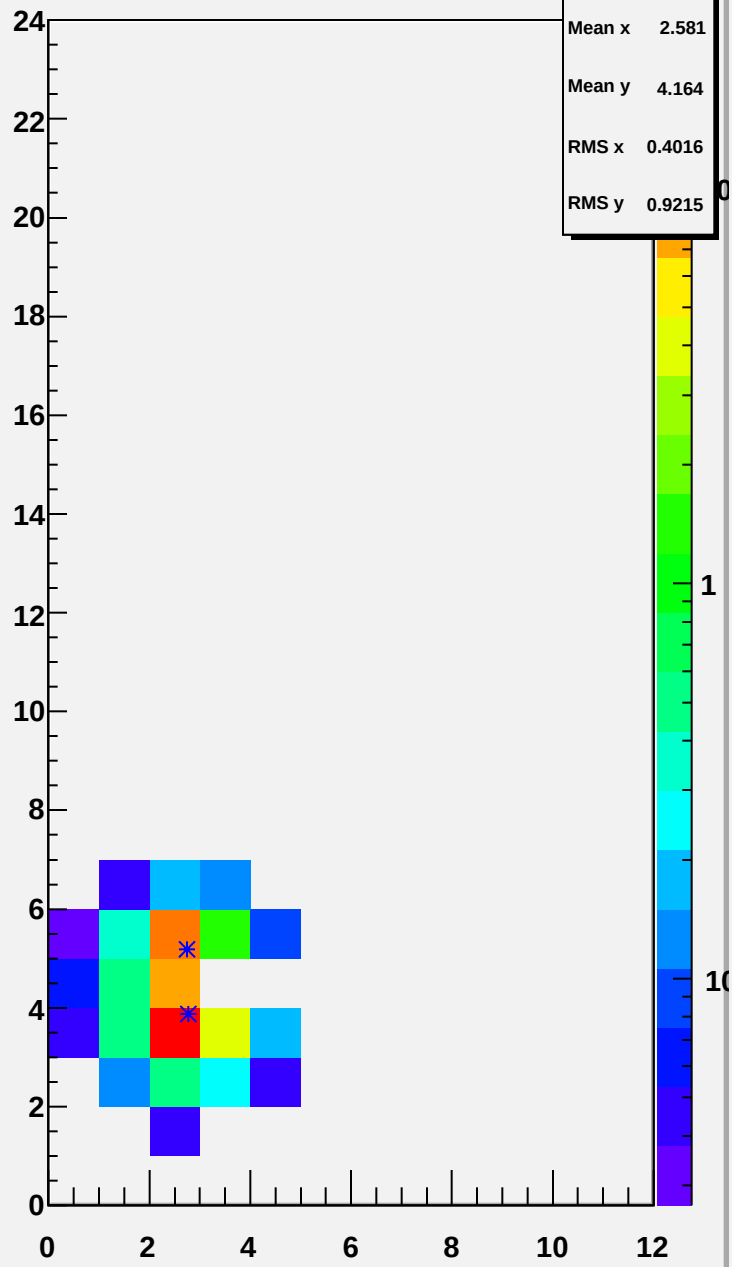
Efit

Entries	288
Mean x	3.116
Mean y	3.228
RMS x	0.7762
RMS y	1.121

NSTB3_r4_c3_En=57.9_m0=0.186 m1=0.187 index=1359



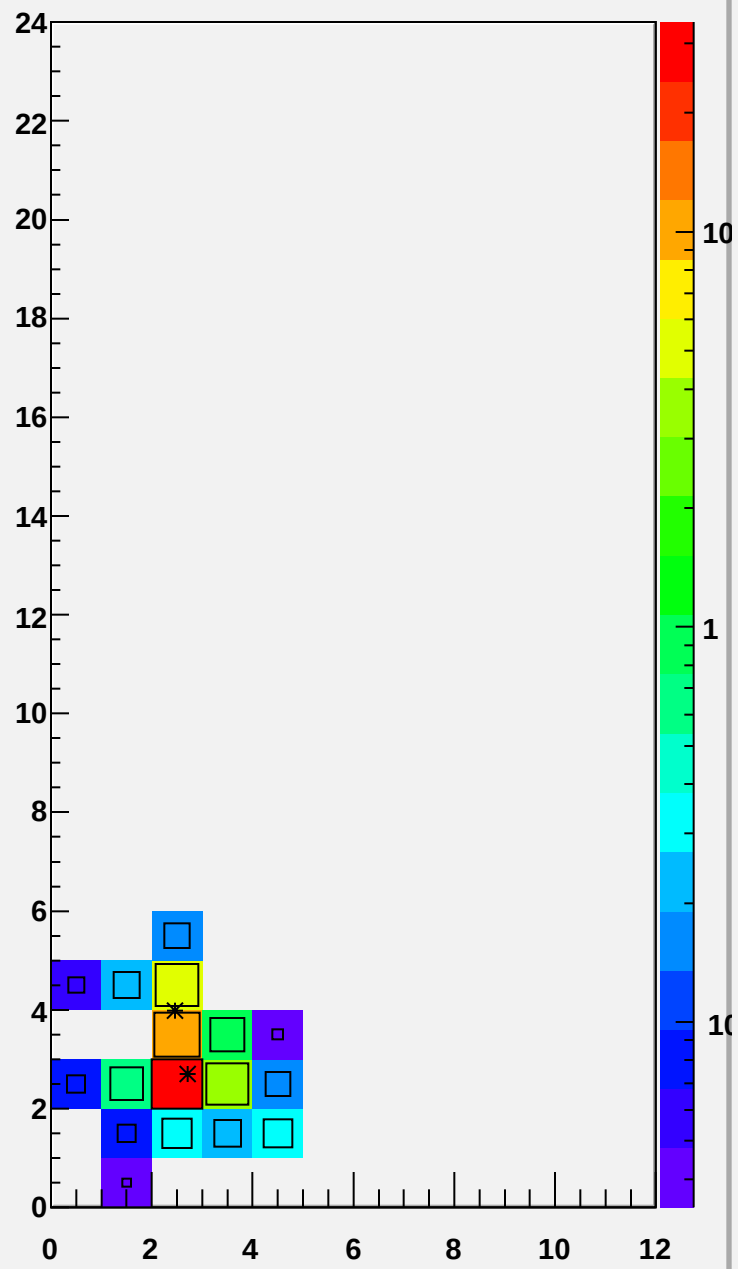
Fitted Energies



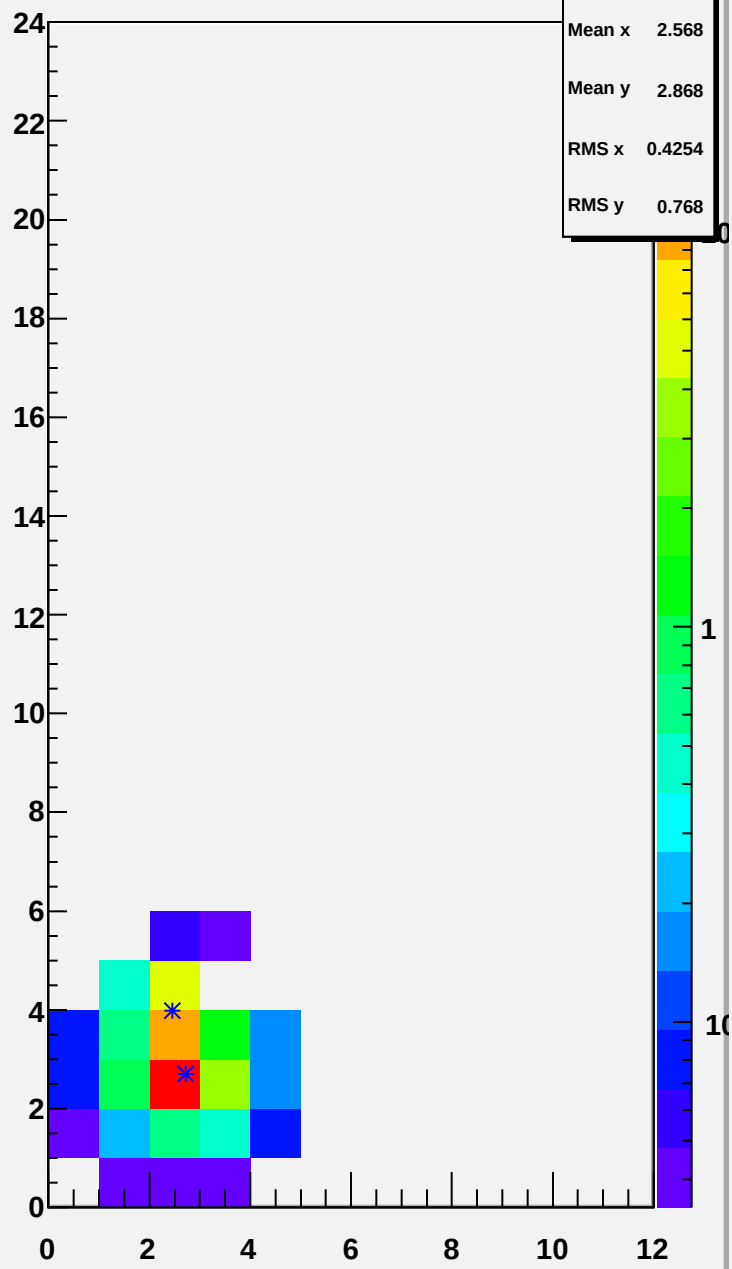
Efit

Entries	288
Mean x	2.581
Mean y	4.164
RMS x	0.4016
RMS y	0.9215

NSTB3_r4_c3_En=55.2_m0=0.168 m1=0.168 index=1360



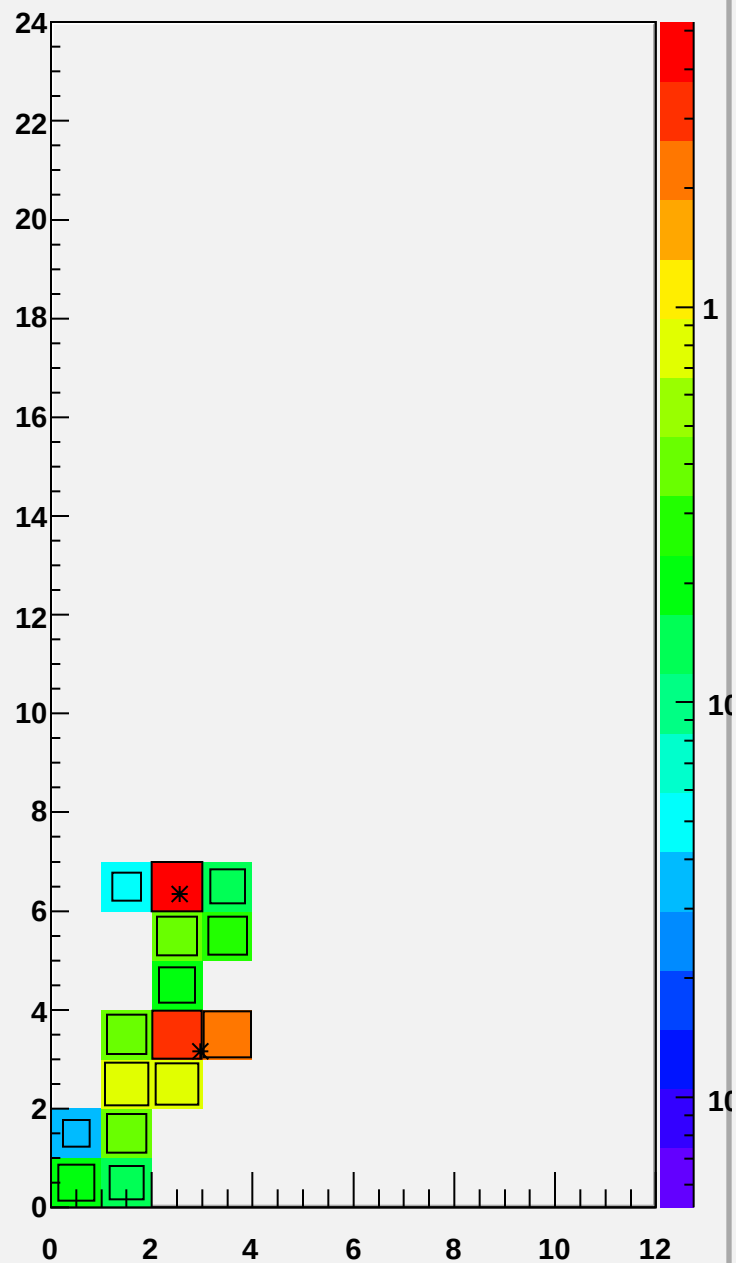
Fitted Energies



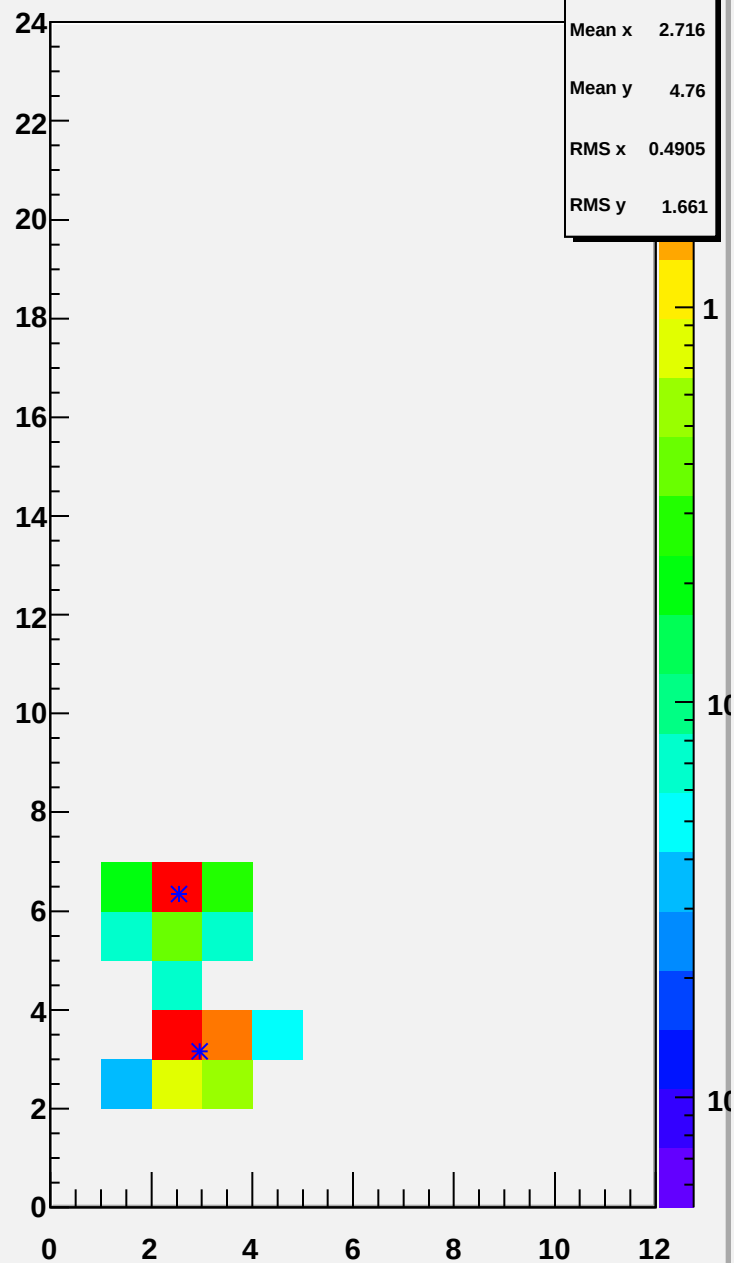
Efit

Entries	288
Mean x	2.568
Mean y	2.868
RMS x	0.4254
RMS y	0.768

NSTB3_r4_c3_En=14.9_m0=0.126 m1=0.126 index=1361



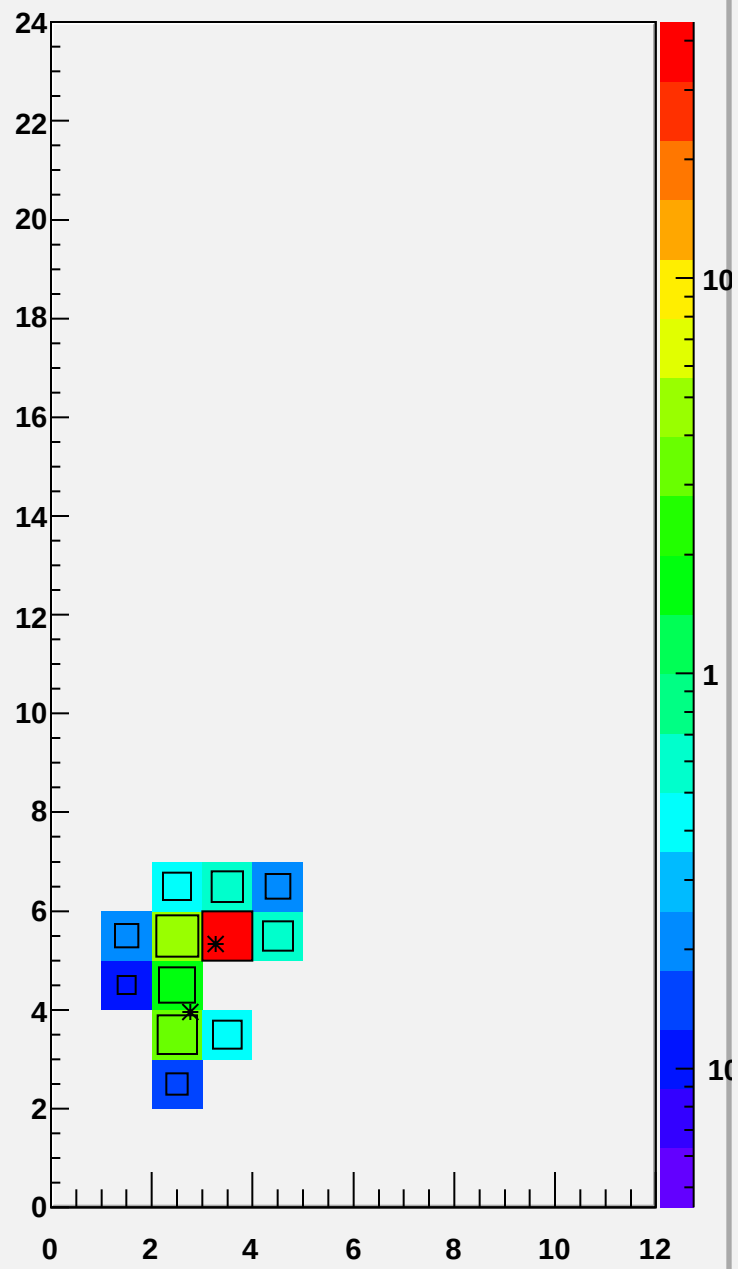
Fitted Energies



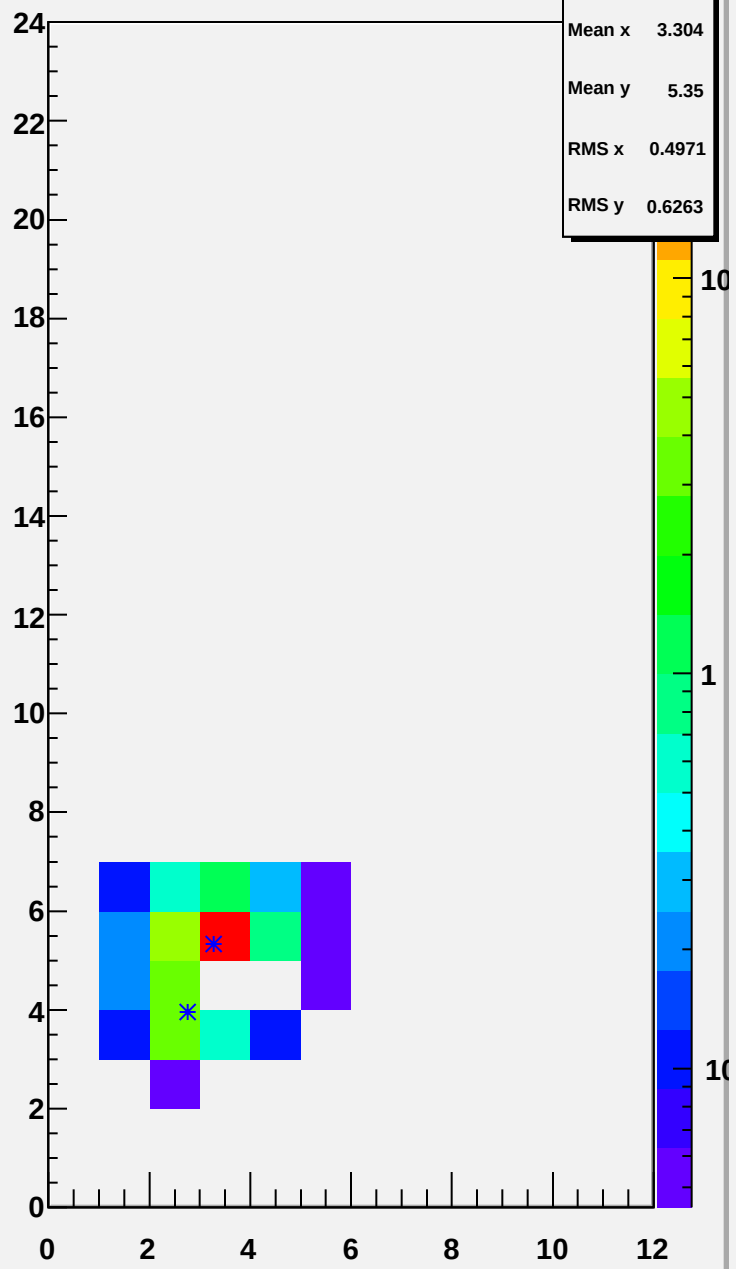
Efit

Entries	288
Mean x	2.716
Mean y	4.76
RMS x	0.4905
RMS y	1.661

NSTB3_r4_c3_En=57.1_m0=0.147 m1=0.146 index=1362



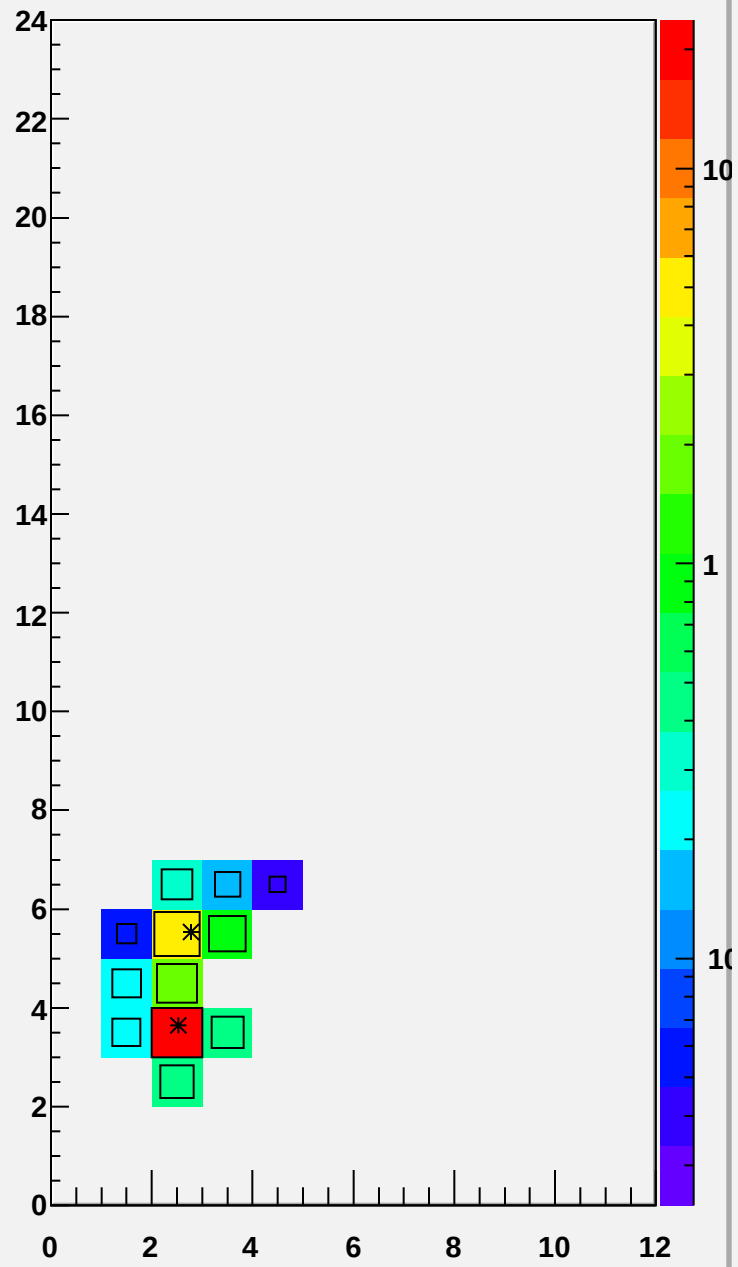
Fitted Energies



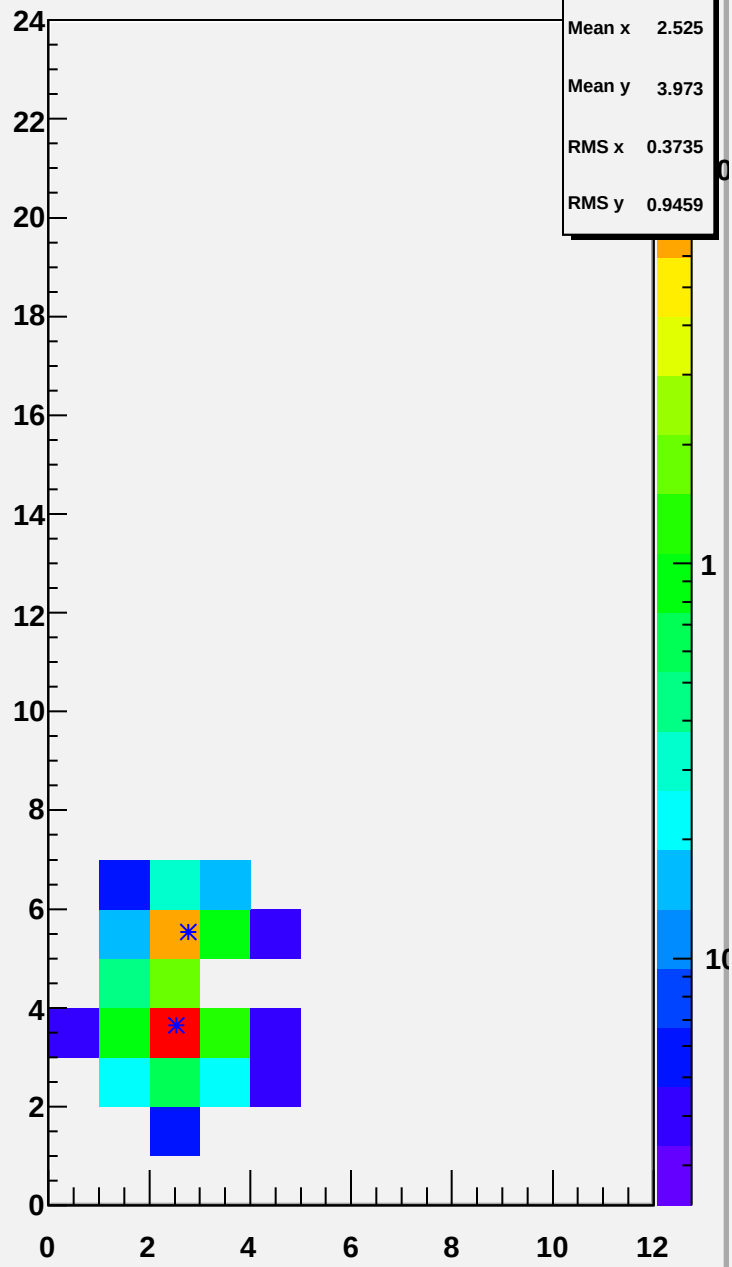
Efit

Entries	288
Mean x	3.304
Mean y	5.35
RMS x	0.4971
RMS y	0.6263

NSTB3_r4_c3_En=34.0_m0=0.158 m1=0.158 index=1363



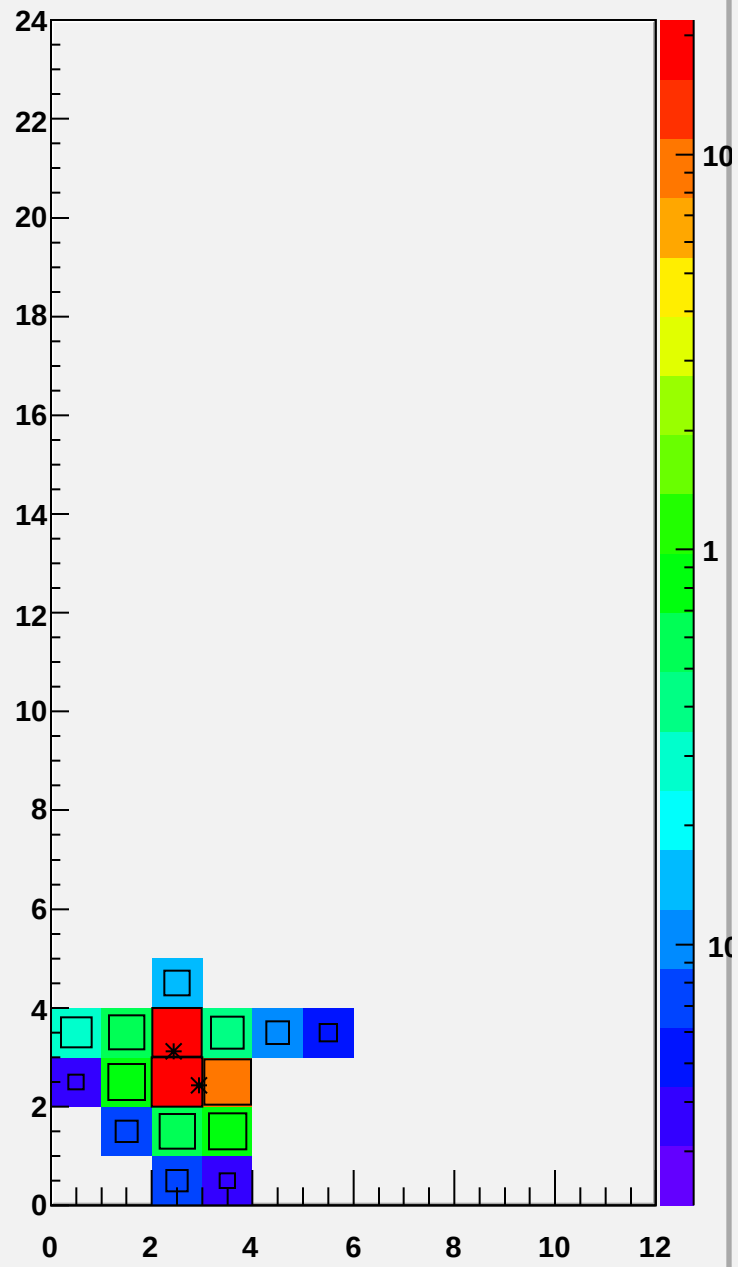
Fitted Energies



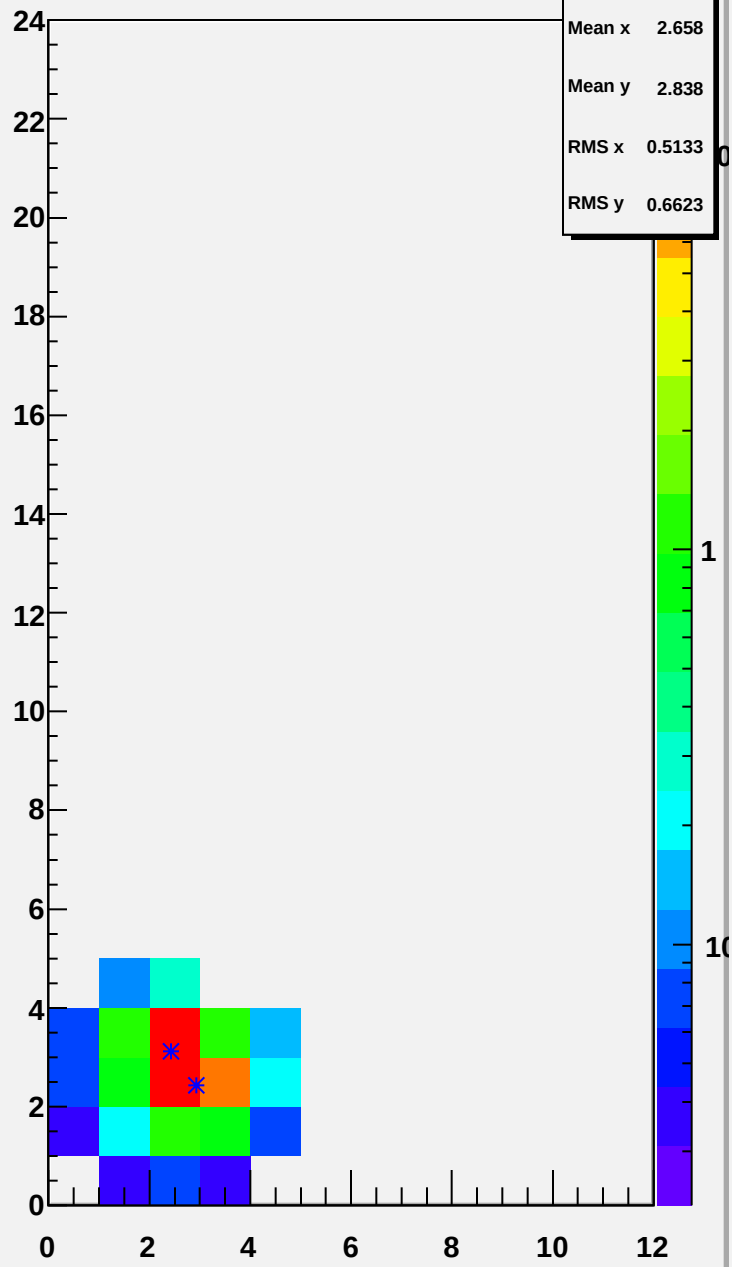
Efit

Entries	288
Mean x	2.525
Mean y	3.973
RMS x	0.3735
RMS y	0.9459

NSTB3_r4_c3_En=52.1_m0=0.120 m1=0.120 index=1364



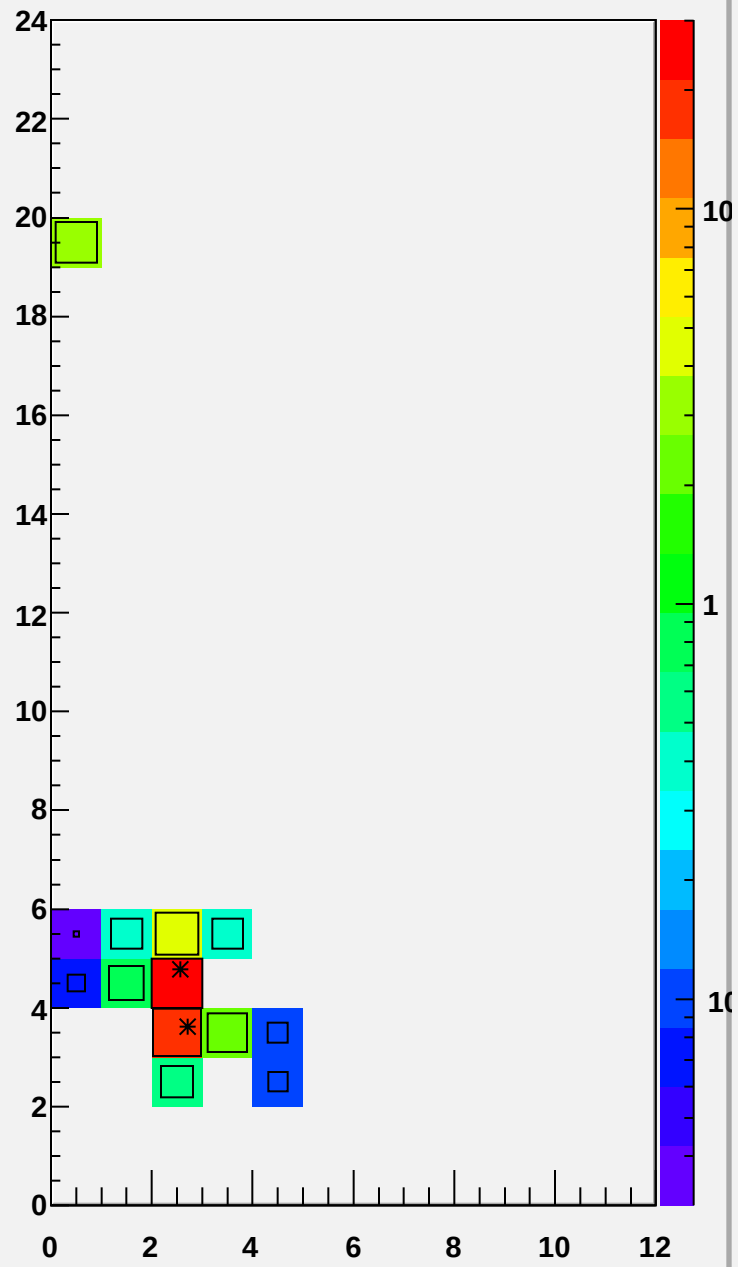
Fitted Energies



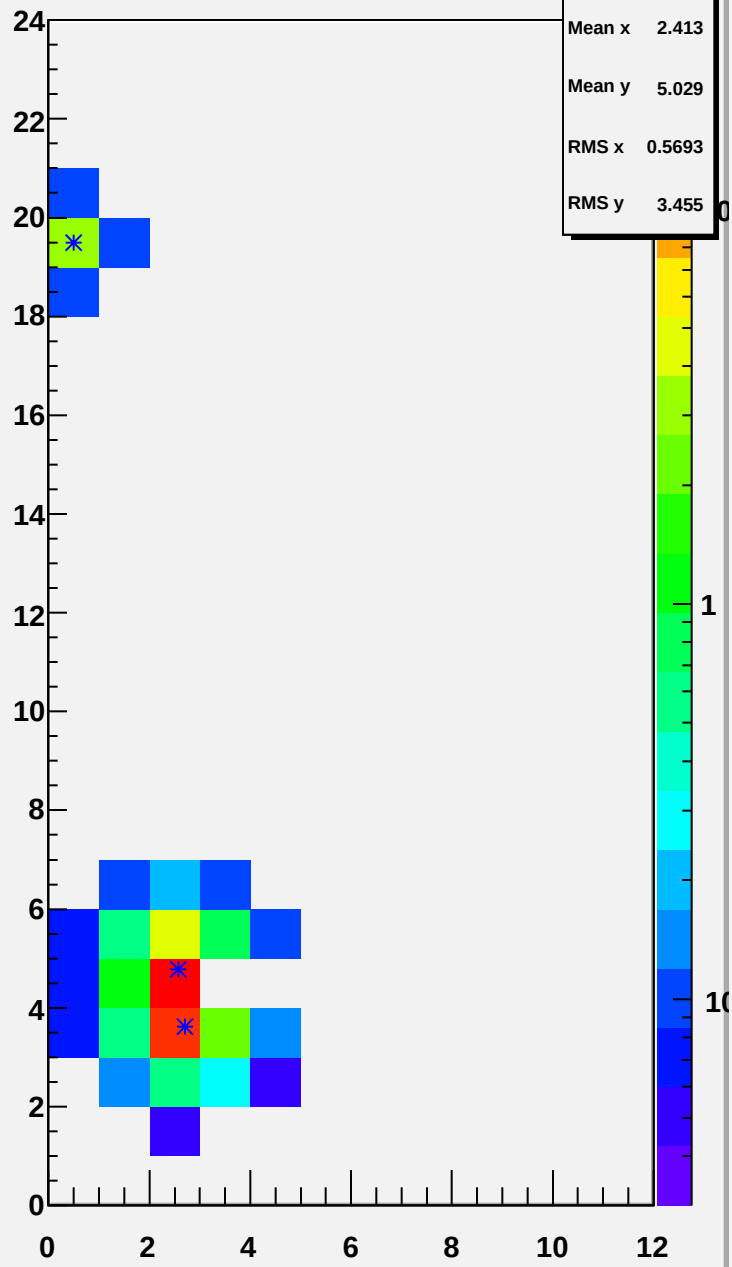
Efit

Entries	288
Mean x	2.658
Mean y	2.838
RMS x	0.5133
RMS y	0.6623

NSTB3_r4_c3_En=59.8_m0=0.184 m1=0.184 index=1365



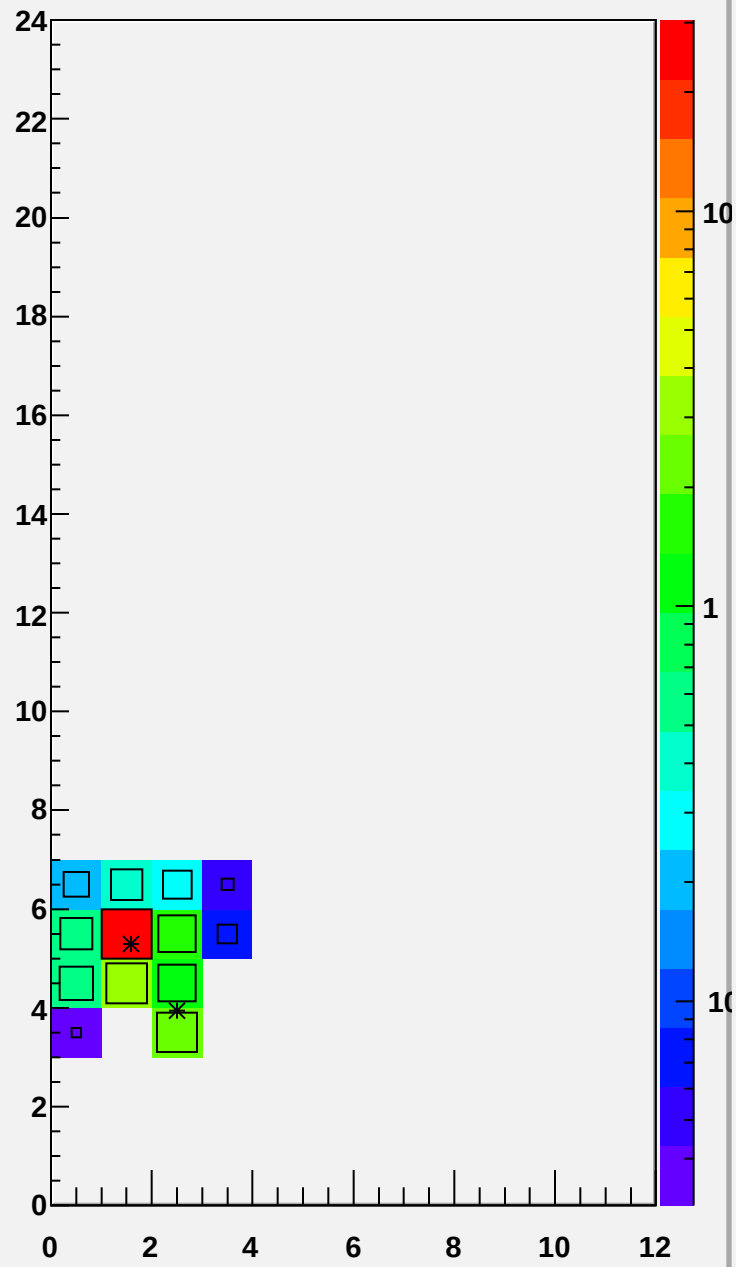
Fitted Energies



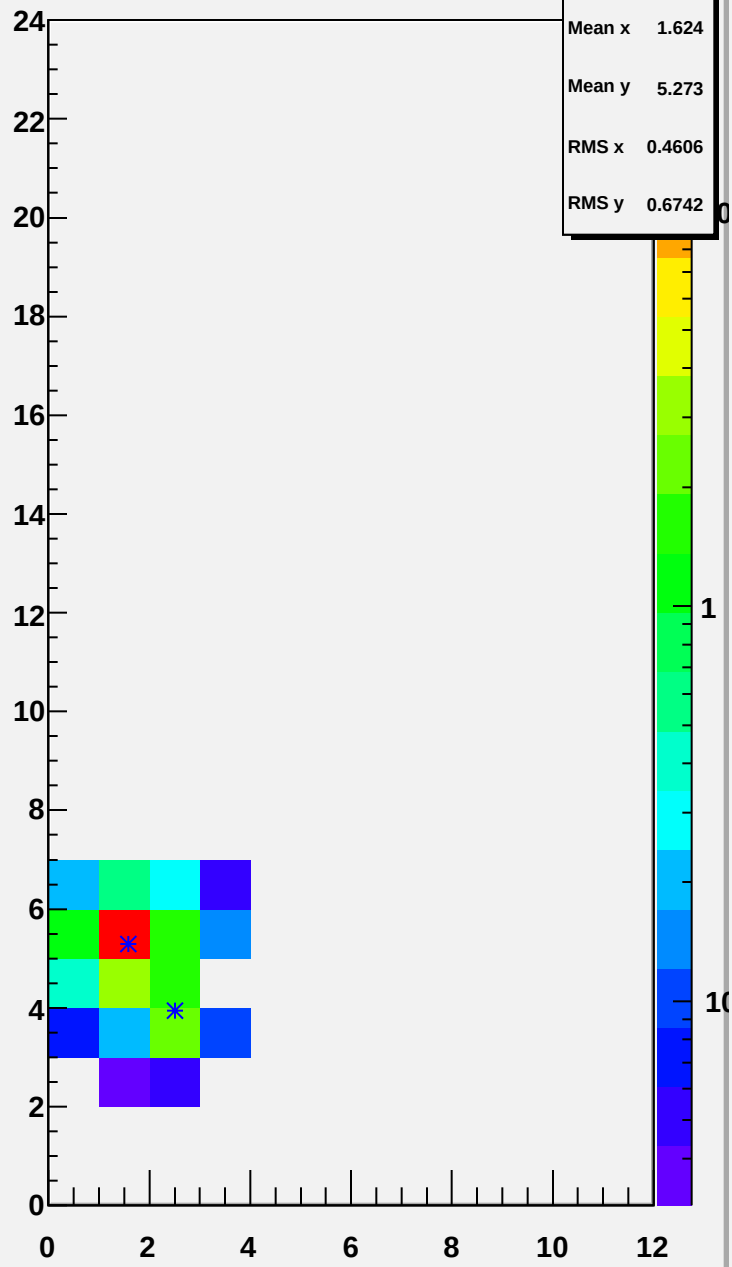
Efit

Entries	288
Mean x	2.413
Mean y	5.029
RMS x	0.5693
RMS y	3.455

NSTB3_r4_c3_En=40.6_m0=0.113 m1=0.113 index=1366



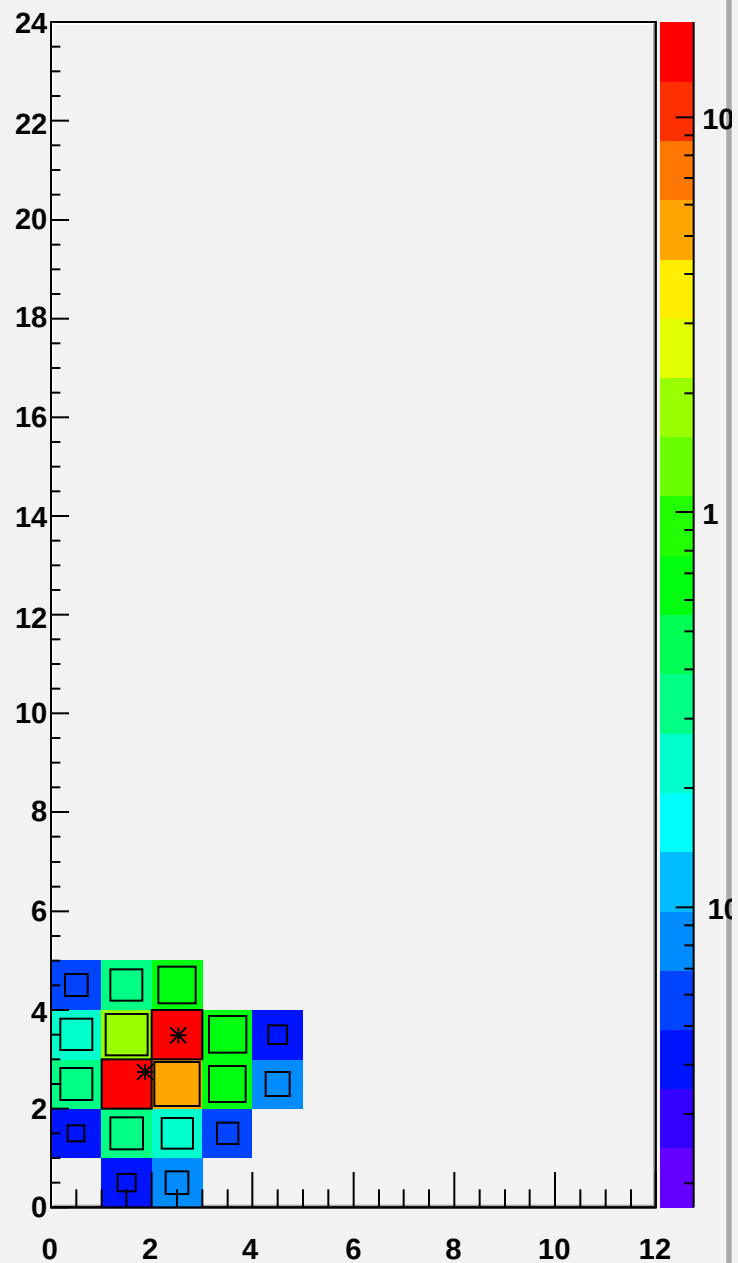
Fitted Energies



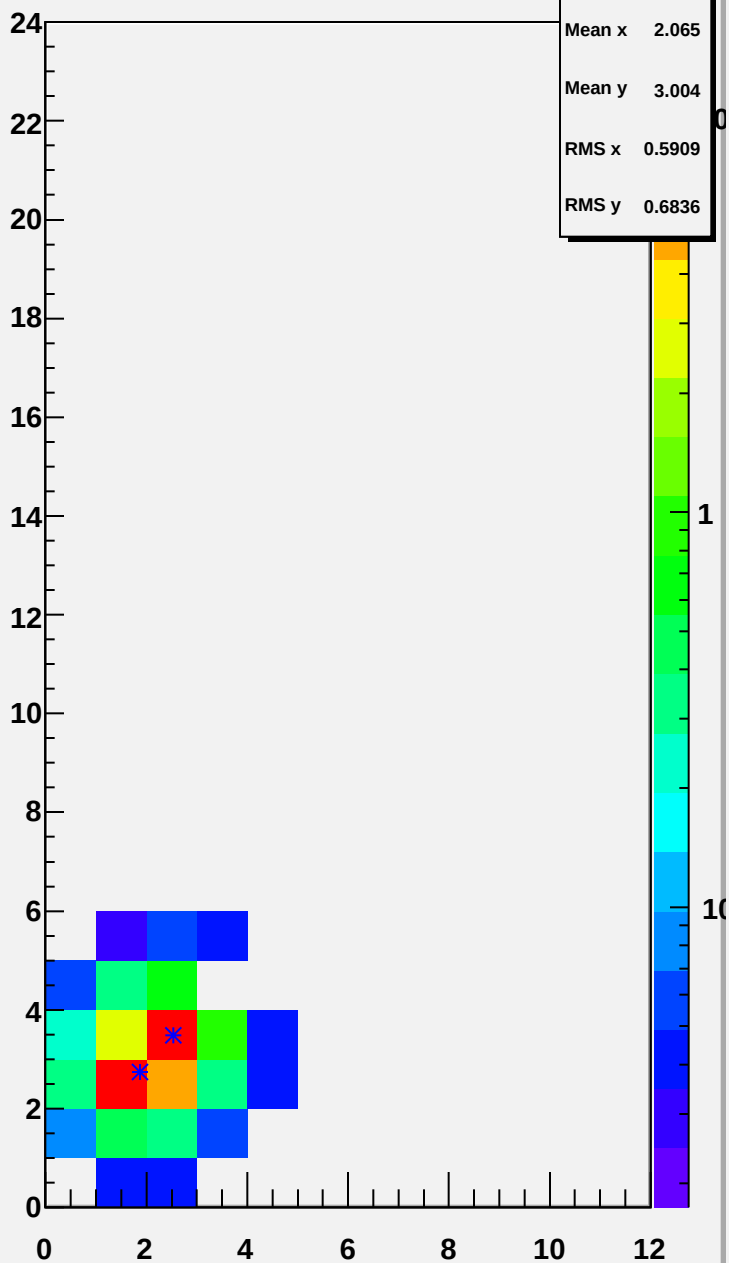
Efit

Entries	288
Mean x	1.624
Mean y	5.273
RMS x	0.4606
RMS y	0.6742

NSTB3_r4_c3_En=44.9_m0=0.127 m1=0.127 index=1367



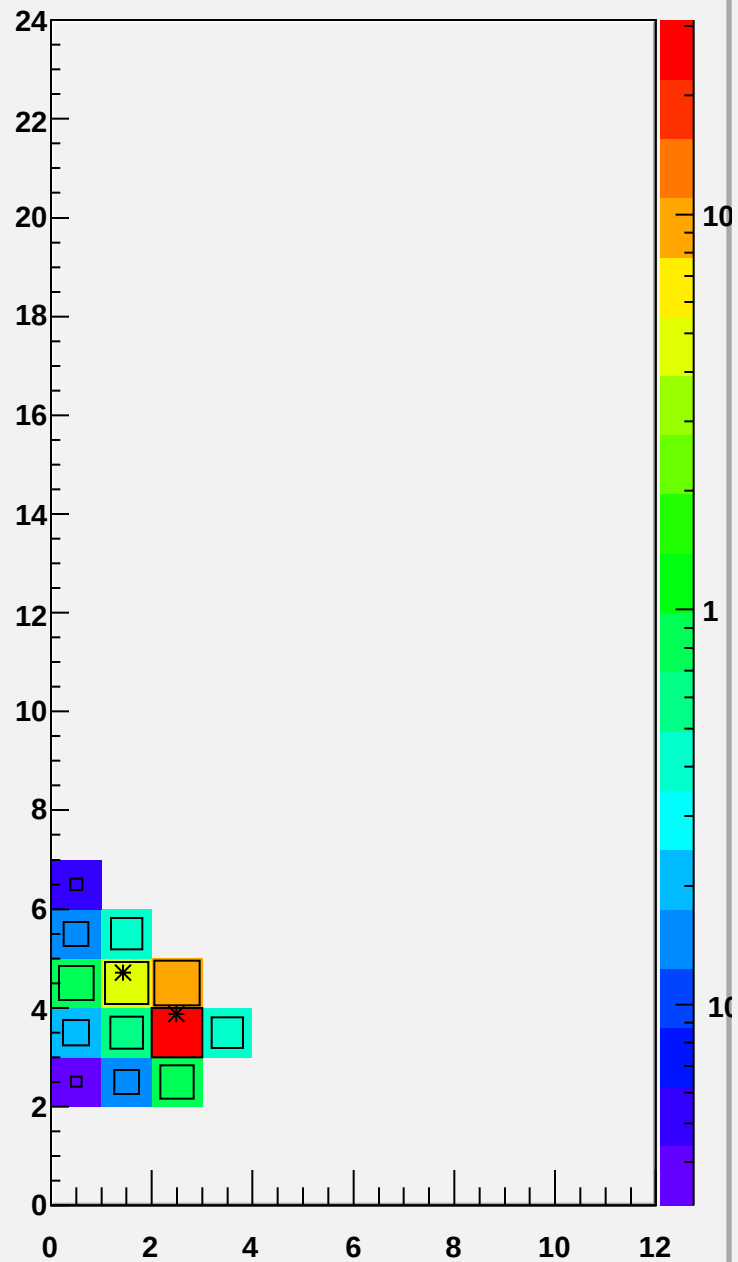
Fitted Energies



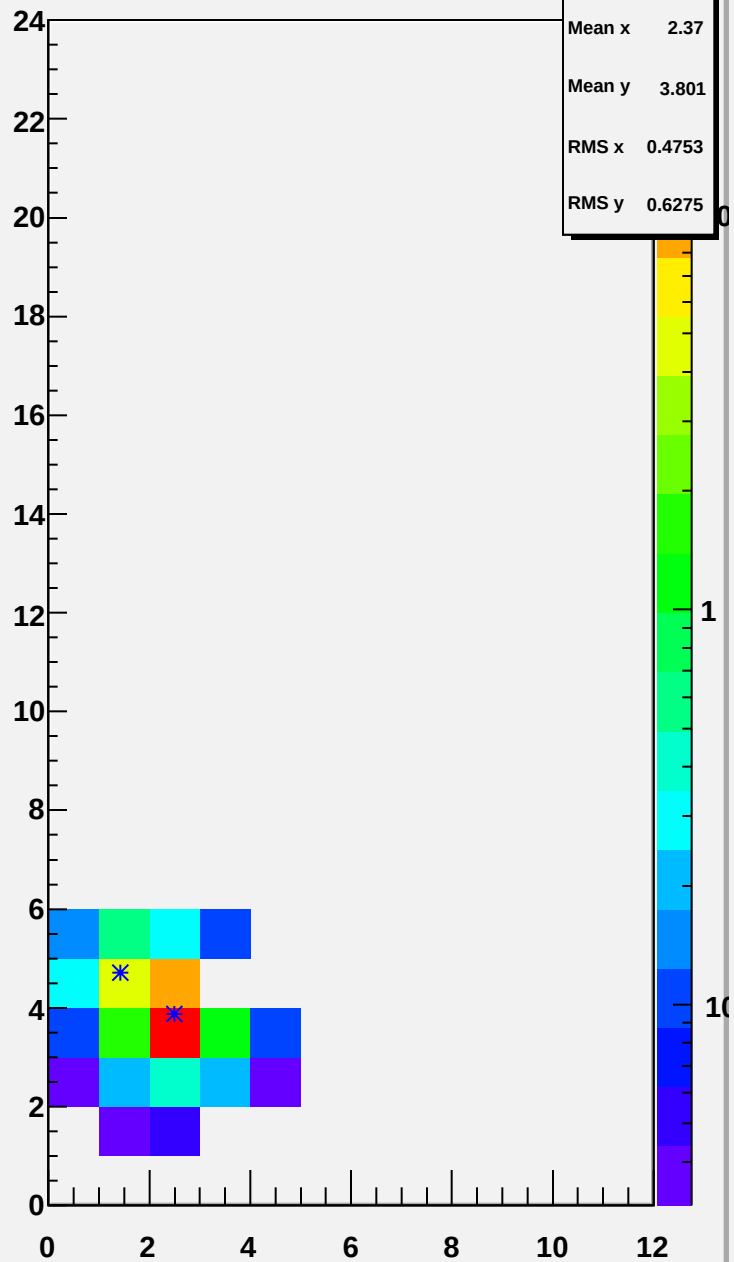
Efit

Entries	288
Mean x	2.065
Mean y	3.004
RMS x	0.5909
RMS y	0.6836

NSTB3_r4_c3_En=47.9_m0=0.111 m1=0.111 index=1368



Fitted Energies



Efit	
Entries	288
Mean x	2.37
Mean y	3.801
RMS x	0.4753
RMS y	0.6275

Entries 288

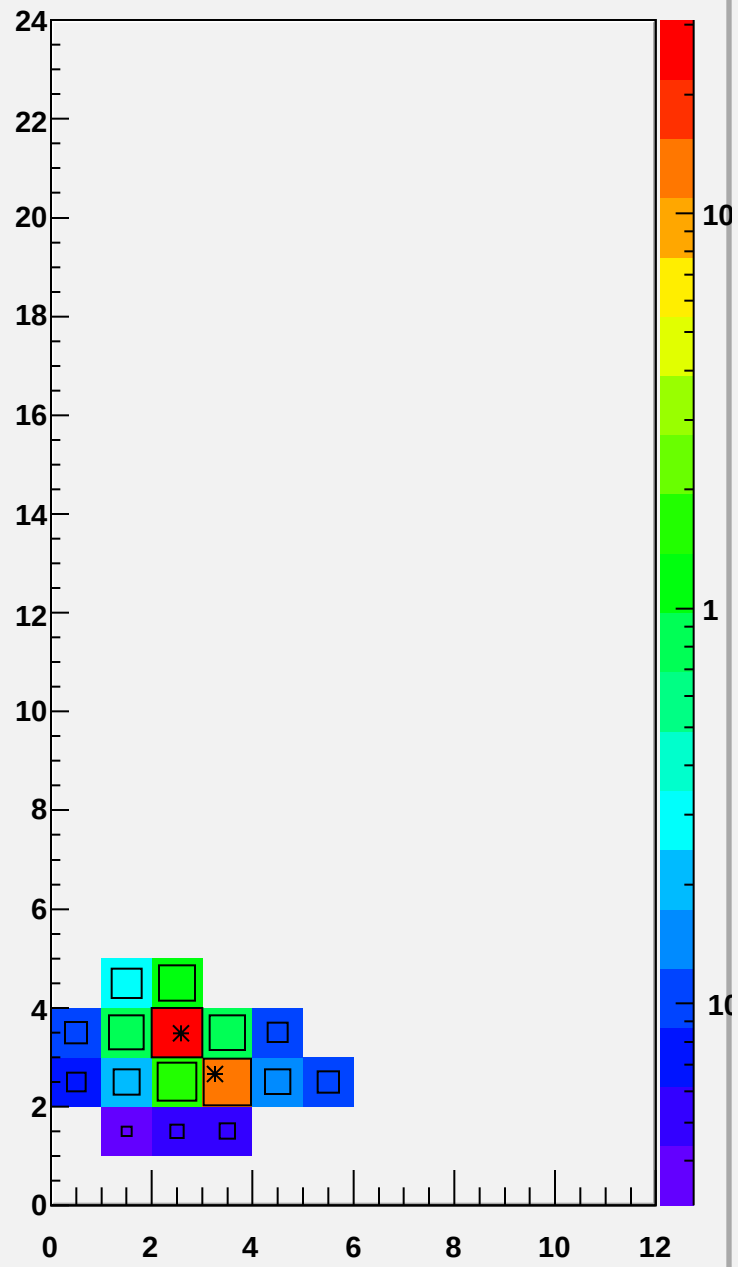
Mean $\bar{x}$	2.37

Mean y	3.801

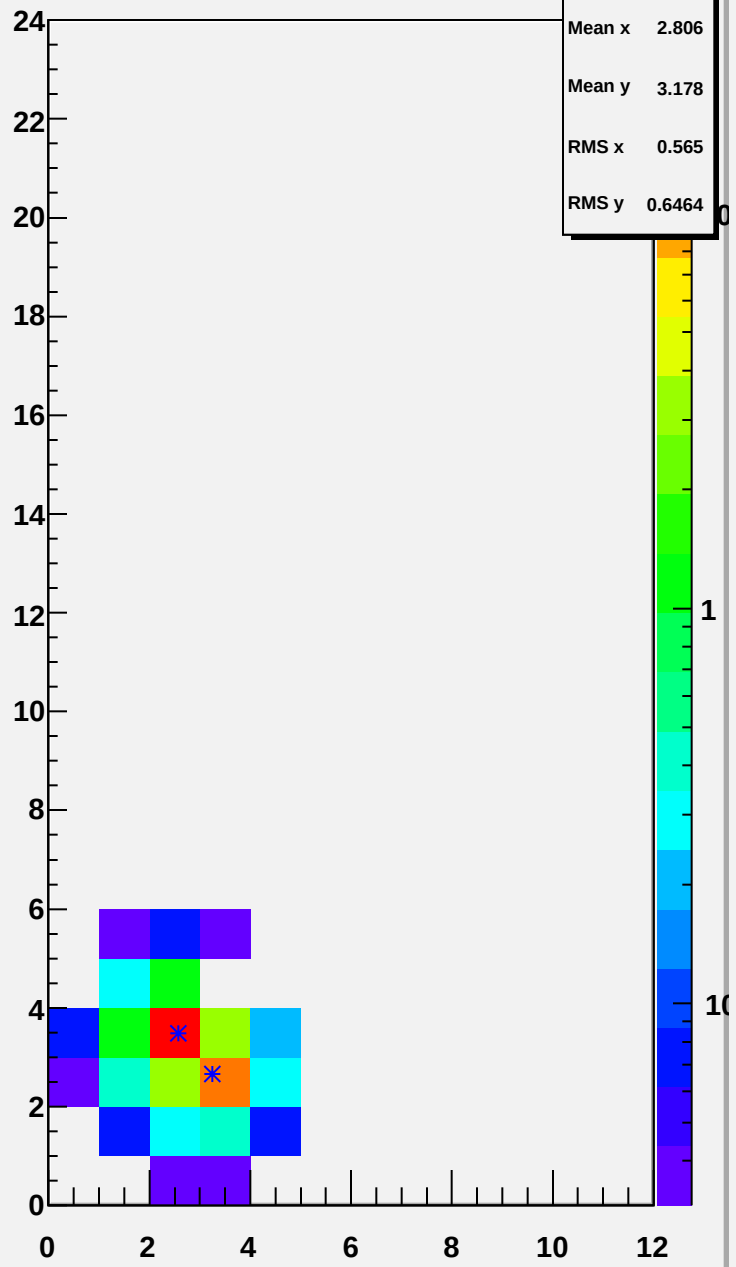
RMS x 0.4753

RMS y 0.6275

NSTB3_r4_c3_En=50.8_m0=0.154 m1=0.153 index=1369



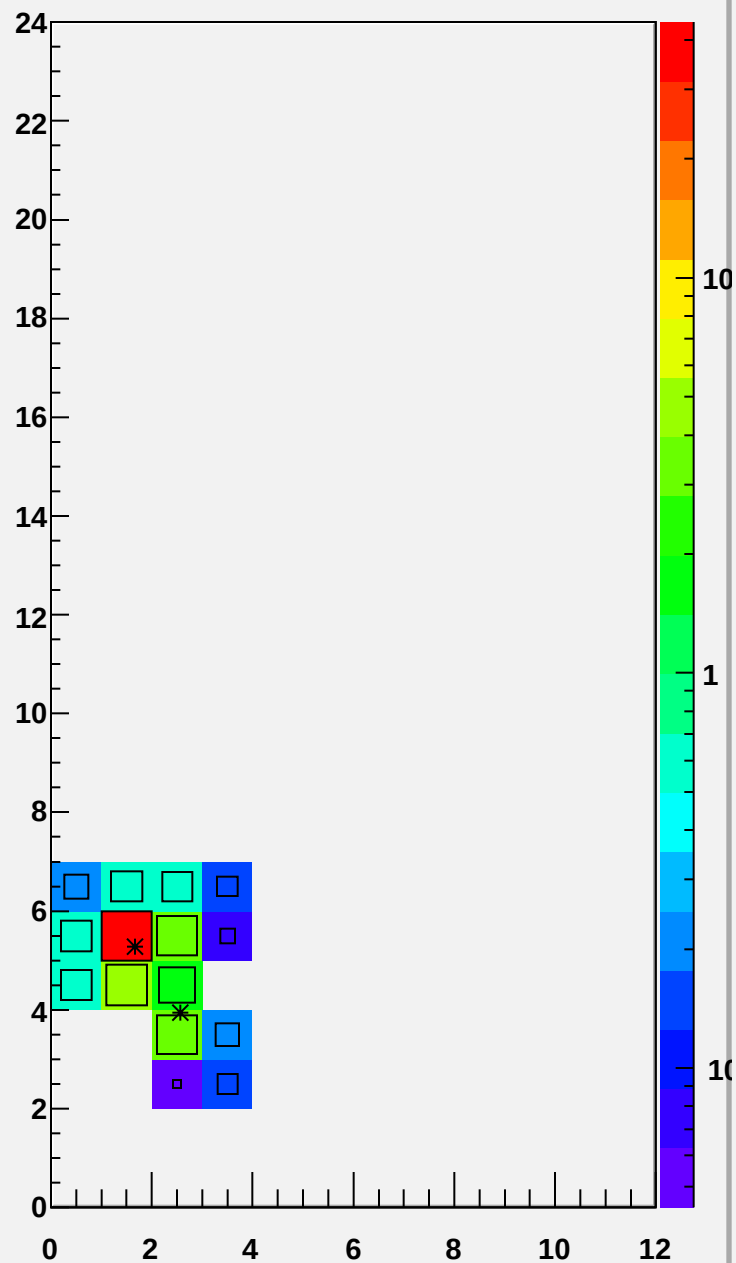
Fitted Energies



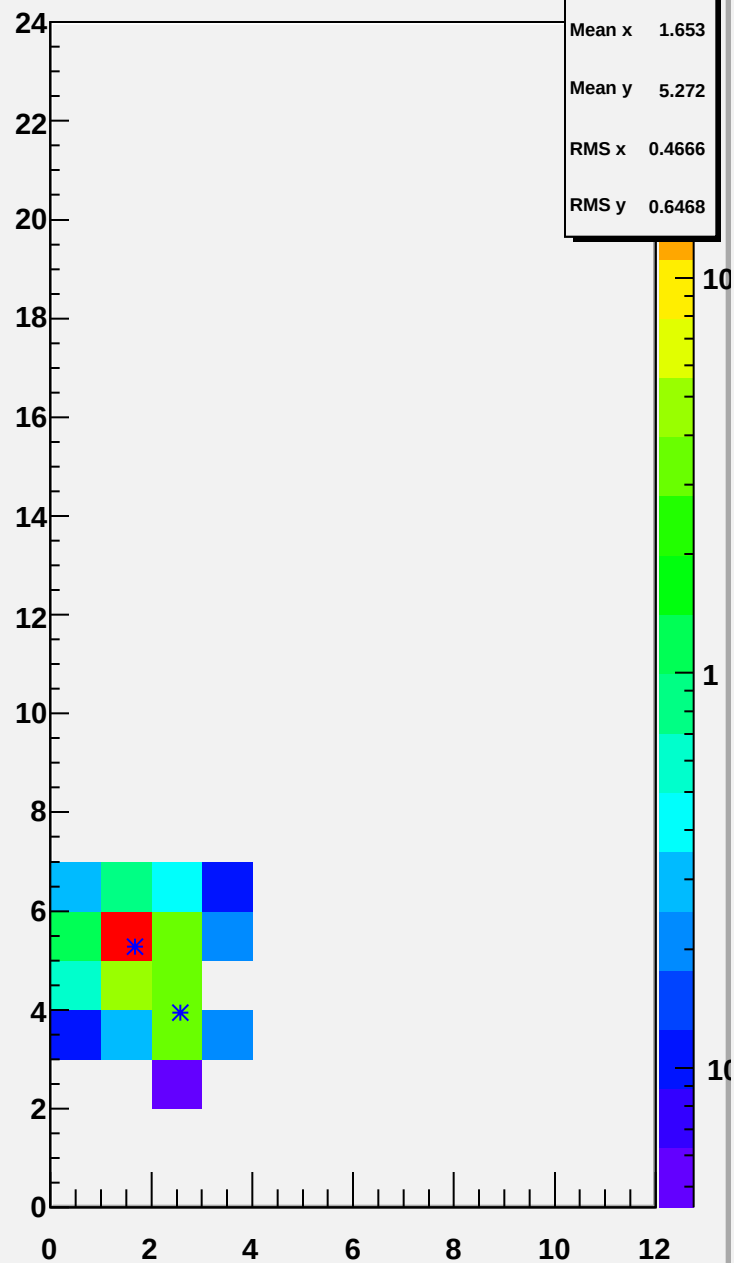
Efit

Entries	288
Mean x	2.806
Mean y	3.178
RMS x	0.565
RMS y	0.6464

NSTB3_r4_c3_En=60.2_m0=0.159 m1=0.159 index=1371



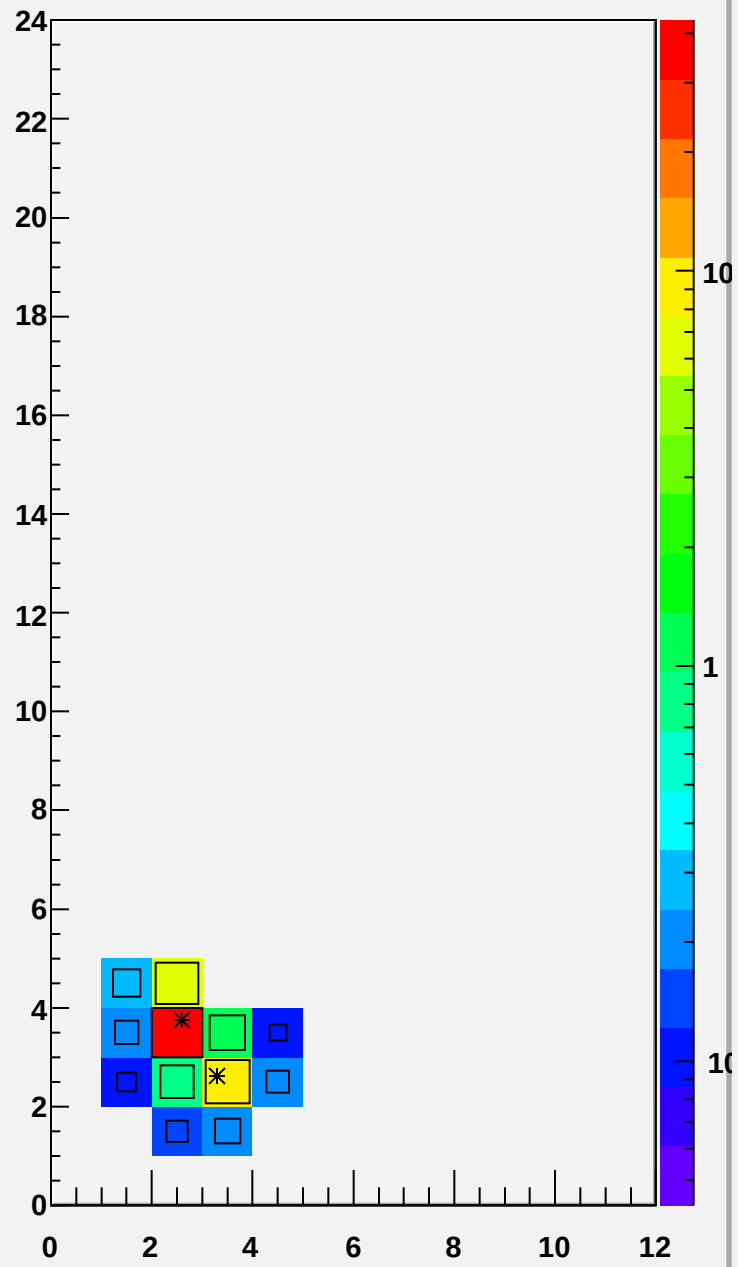
Fitted Energies



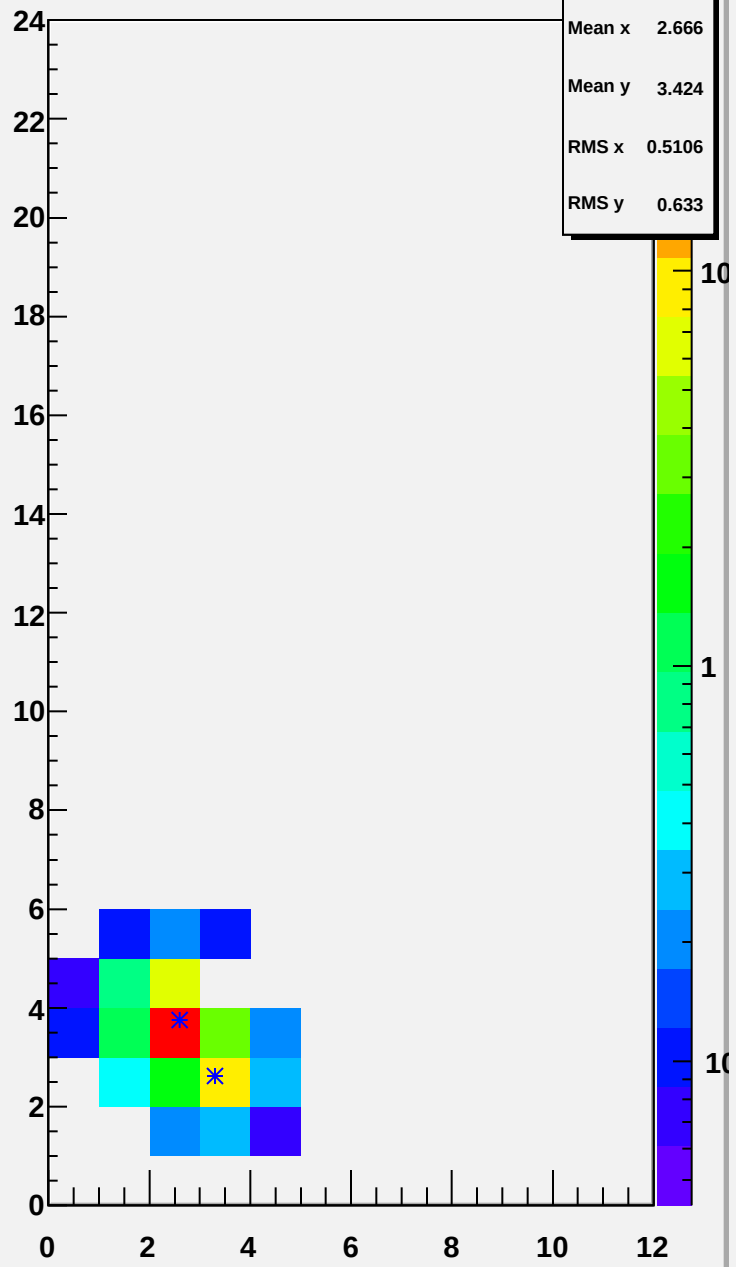
Efit

Entries	288
Mean x	1.653
Mean y	5.272
RMS x	0.4666
RMS y	0.6468

NSTB3_r4_c3_En=60.9_m0=0.183 m1=0.183 index=1373



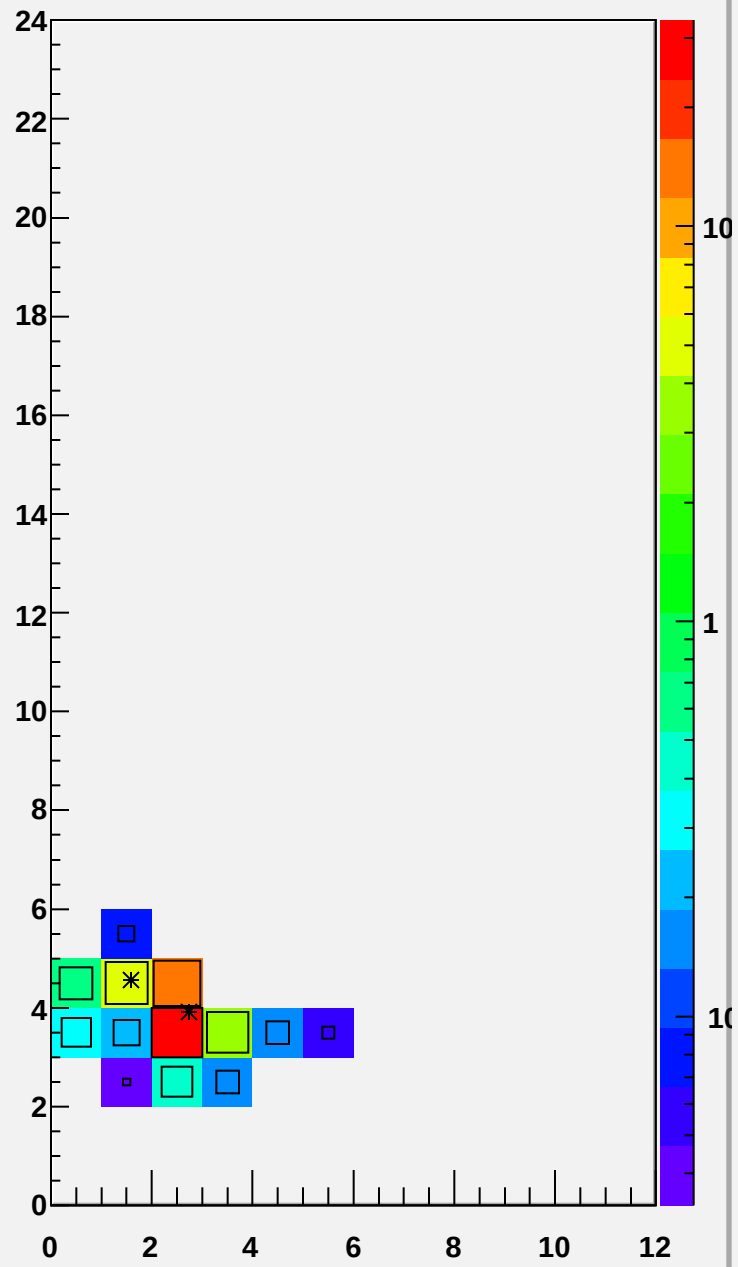
Fitted Energies



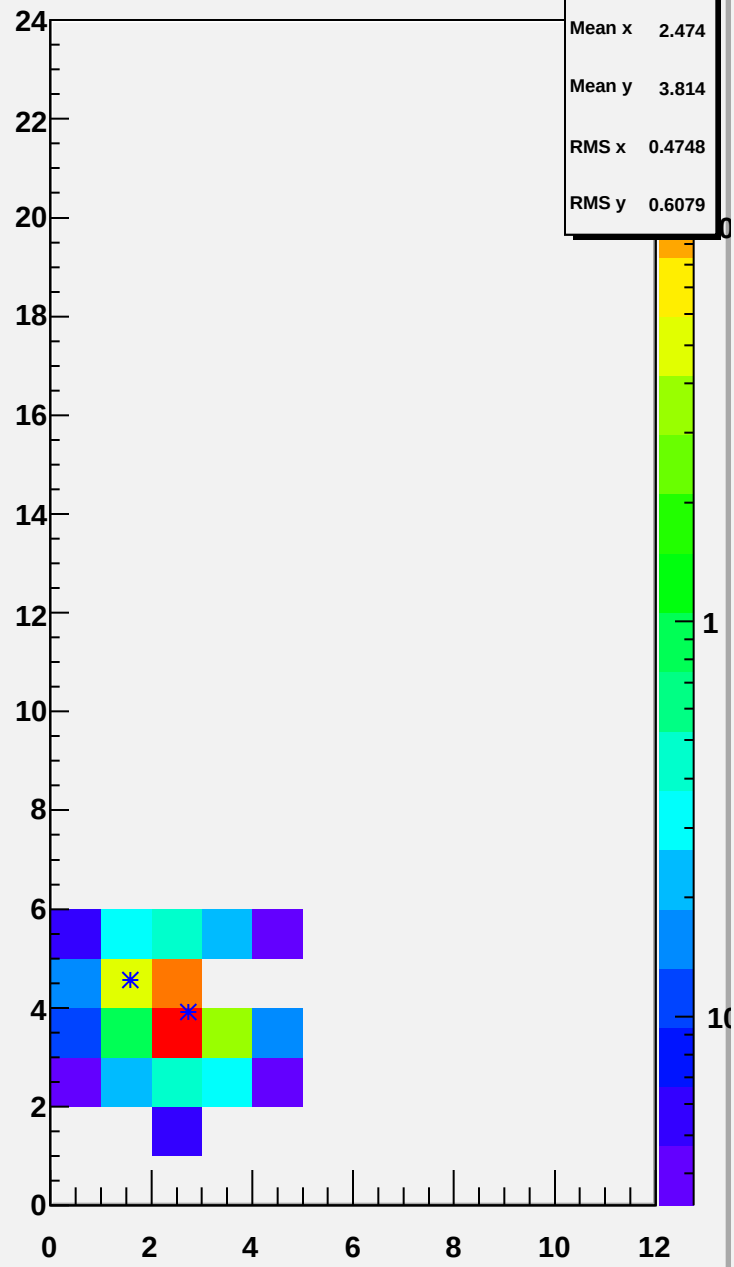
Efit

Entries	288
Mean x	2.666
Mean y	3.424
RMS x	0.5106
RMS y	0.633

NSTB3_r4_c3_En=55.4_m0=0.113 m1=0.113 index=1374



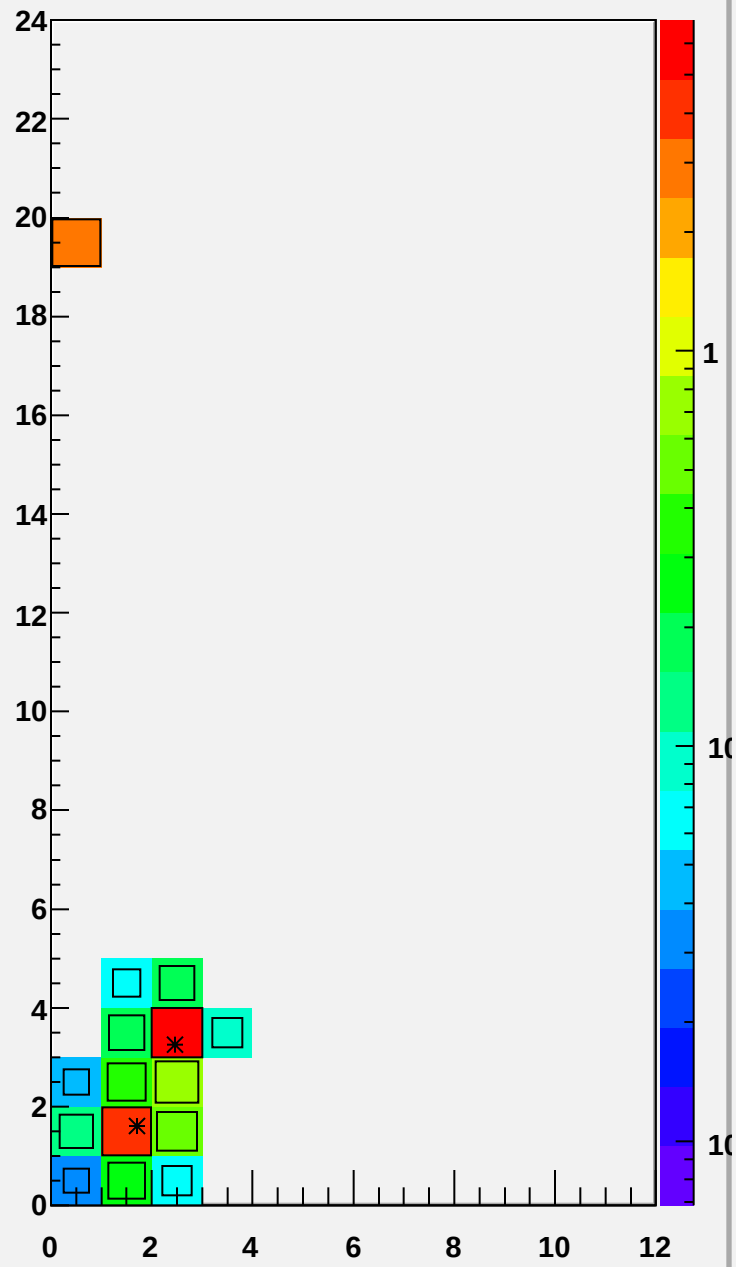
Fitted Energies



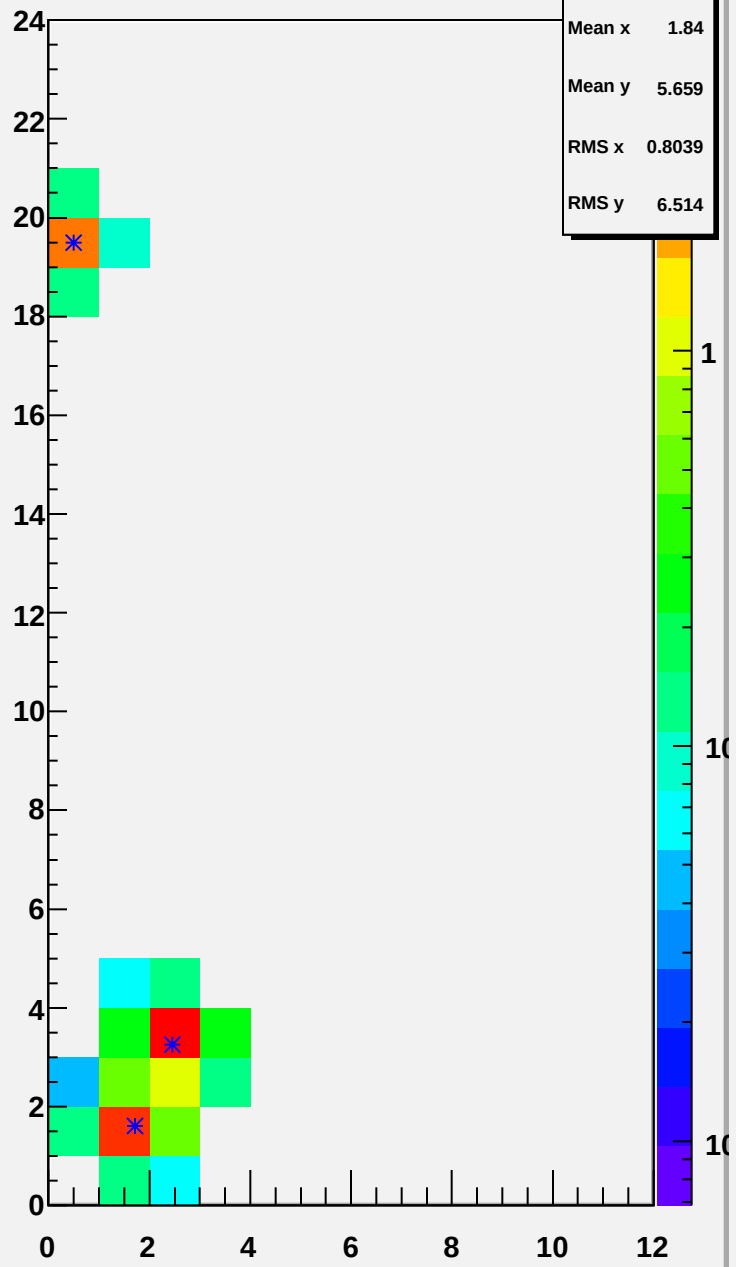
Efit

Entries	288
Mean x	2.474
Mean y	3.814
RMS x	0.4748
RMS y	0.6079

NSTB3_r4_c3_En=17.6_m0=0.073 m1=0.073 index=1375



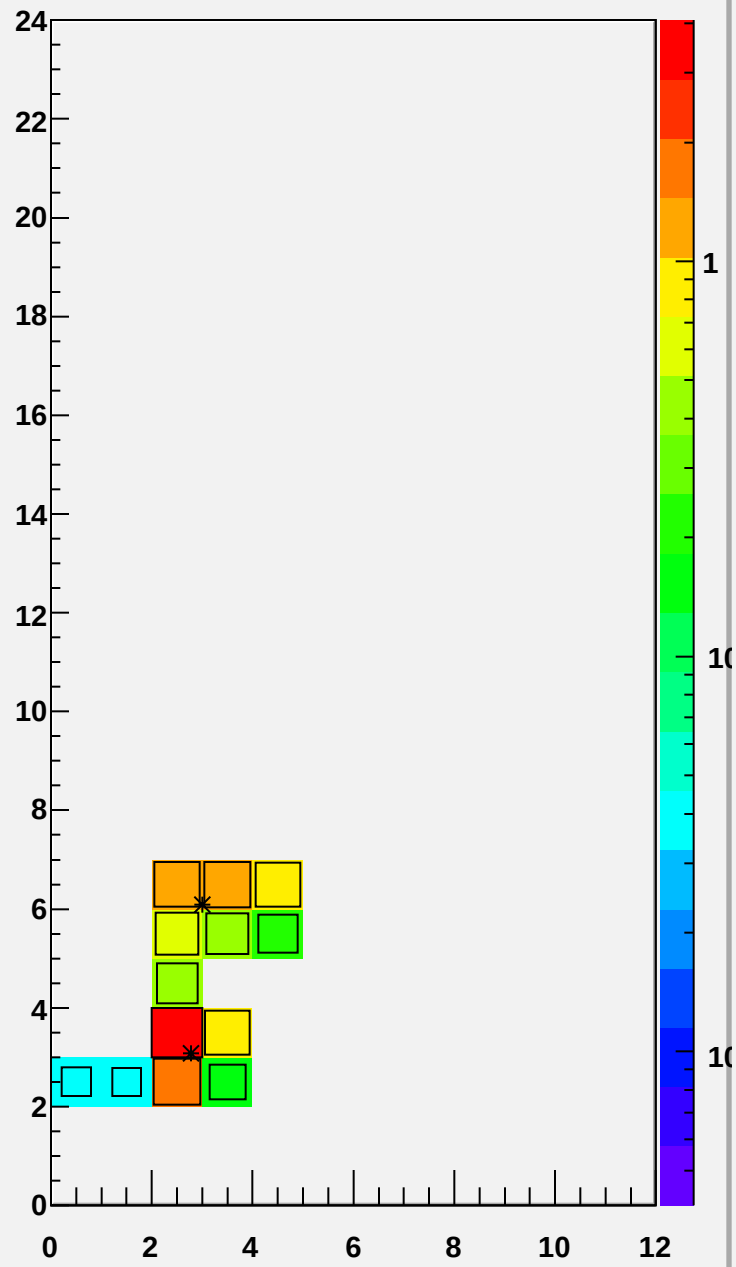
Fitted Energies



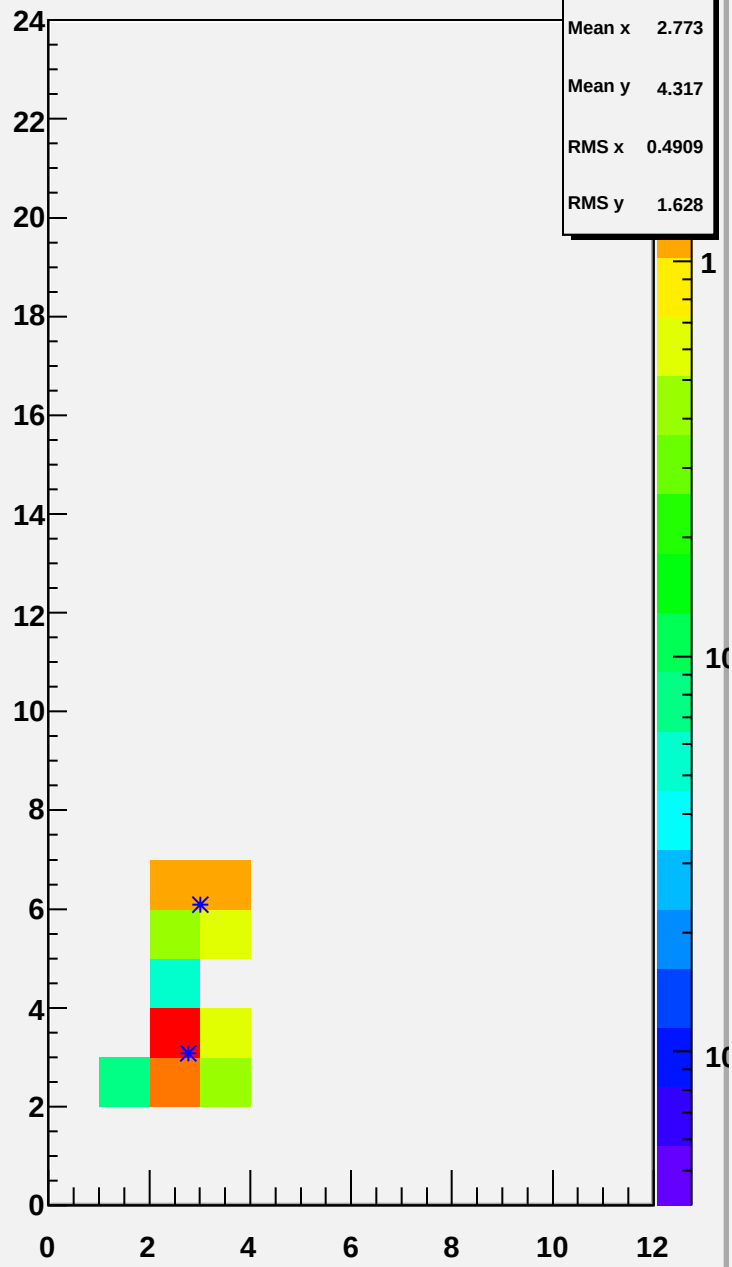
Efit

Entries	288
Mean x	1.84
Mean y	5.659
RMS x	0.8039
RMS y	6.514

NSTB3_r4_c3_En=12.2_m0=0.089 m1=0.089 index=1376



Fitted Energies

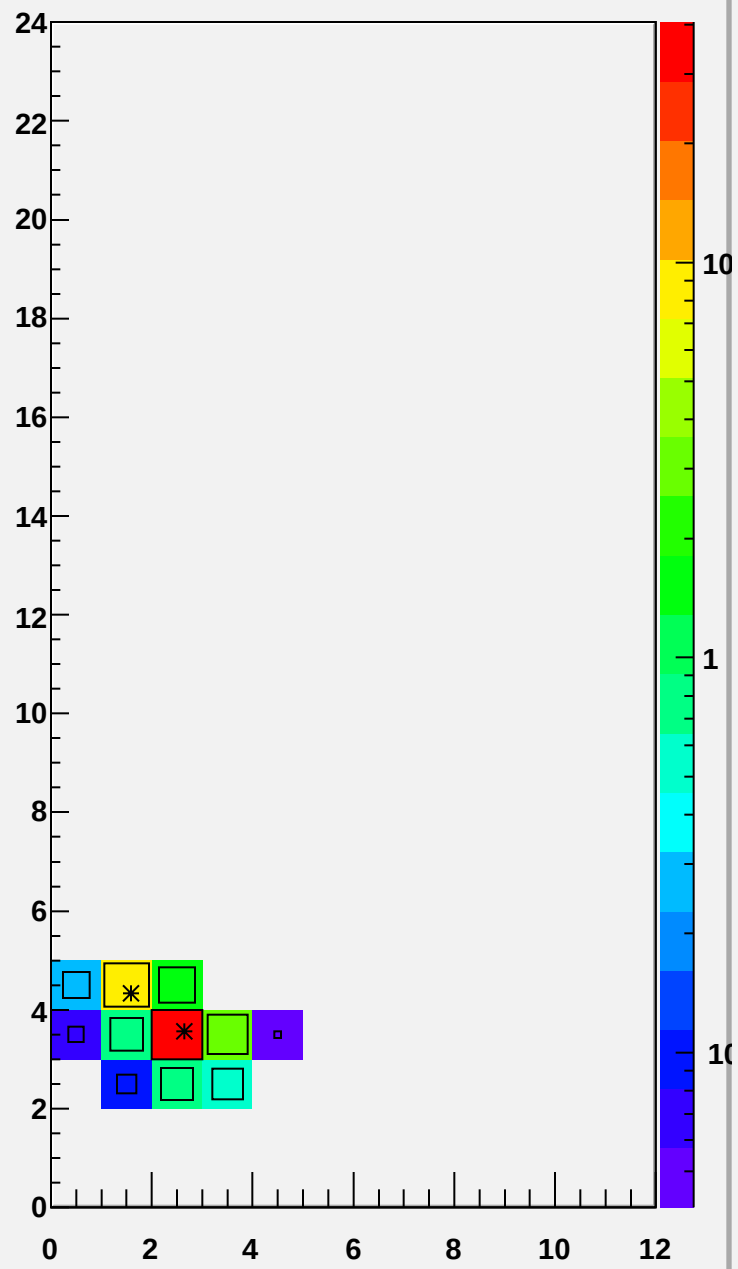


Efit

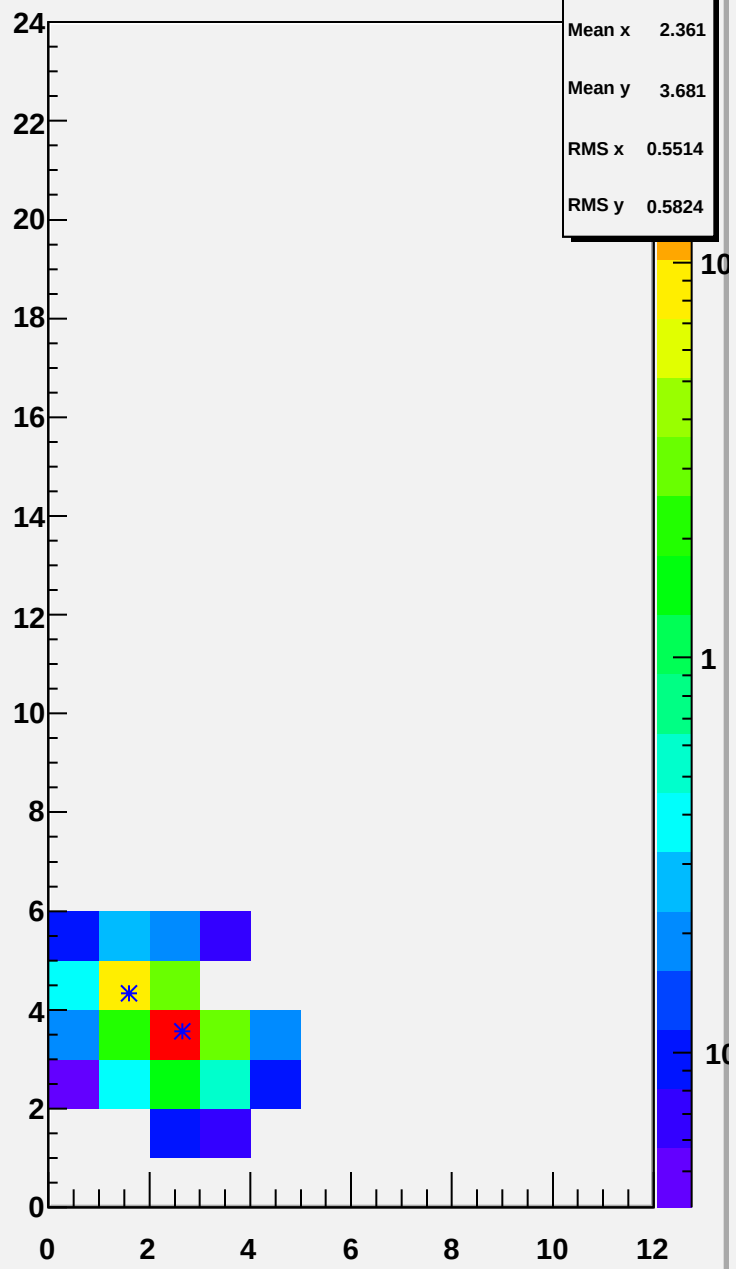
Entries	288
Mean x	2.773
Mean y	4.317
RMS x	0.4909
RMS y	1.628

*

NSTB3_r4_c3_En=56.8_m0=0.170 m1=0.170 index=1379



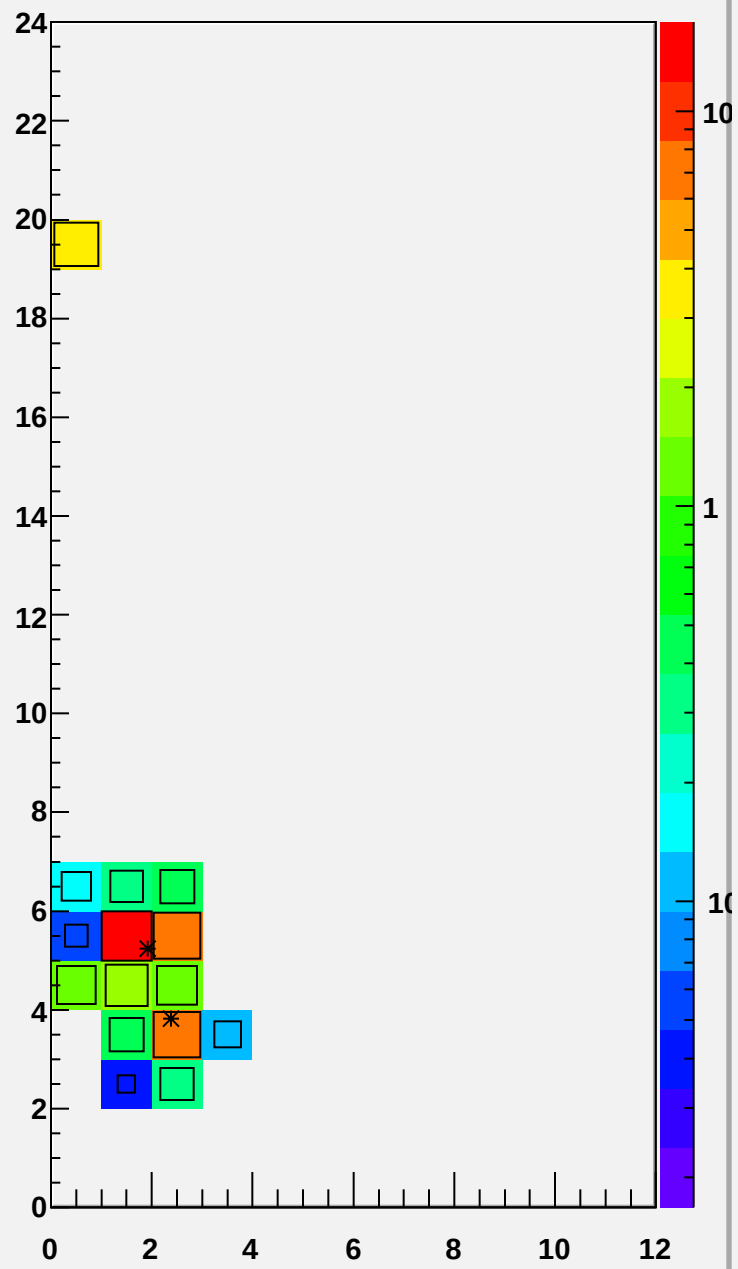
Fitted Energies



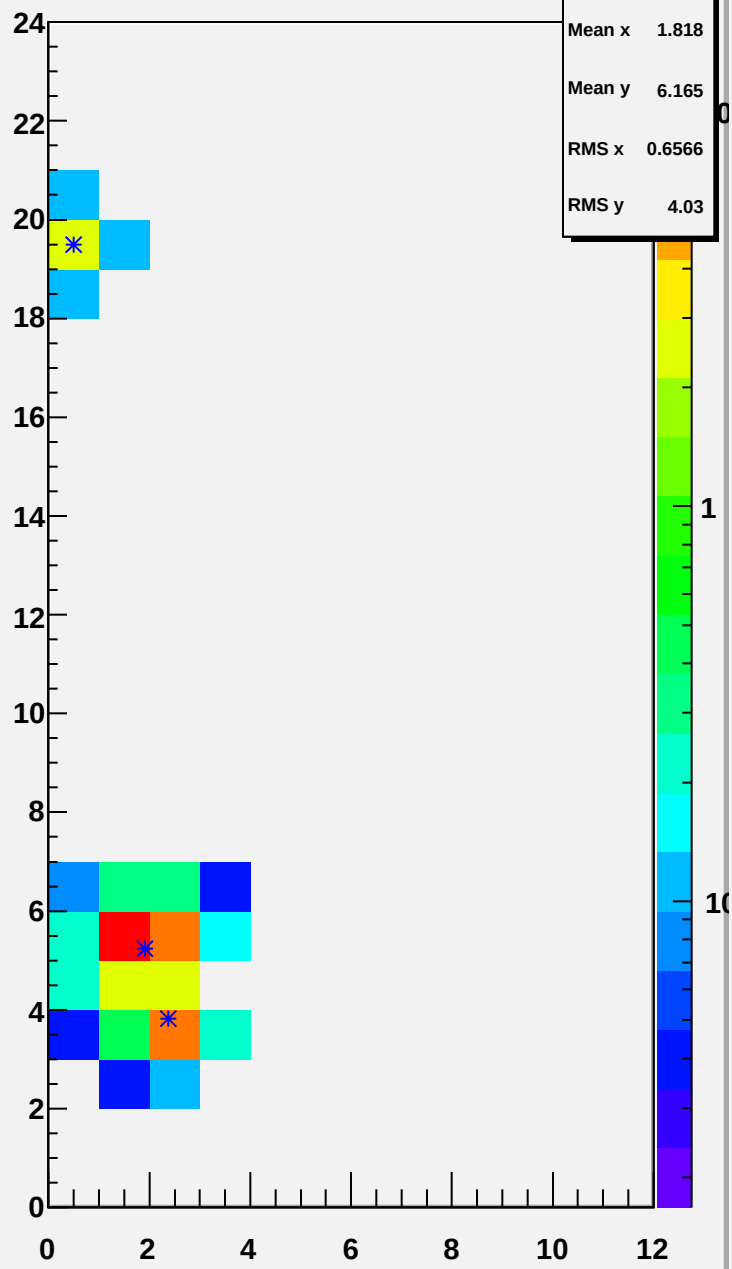
Efit

Entries	288
Mean x	2.361
Mean y	3.681
RMS x	0.5514
RMS y	0.5824

NSTB3_r4_c3_En=38.5_m0=0.127 m1=0.127 index=1380



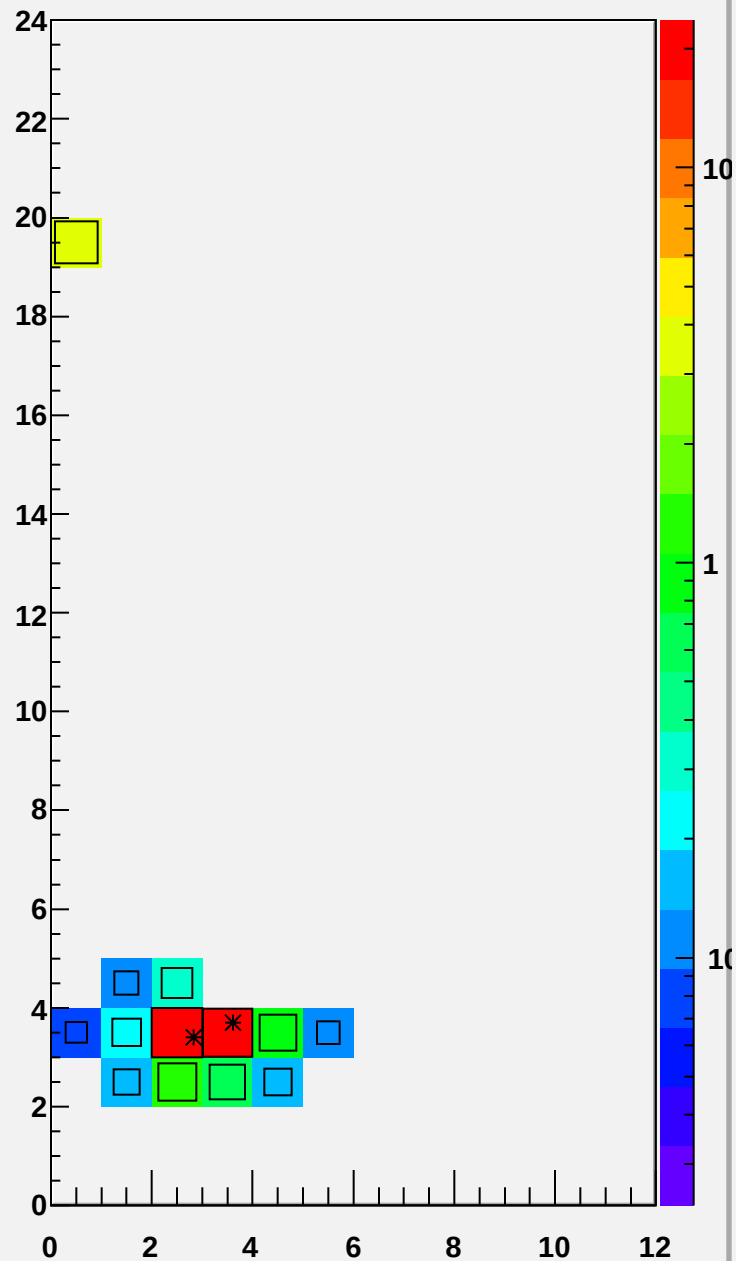
Fitted Energies



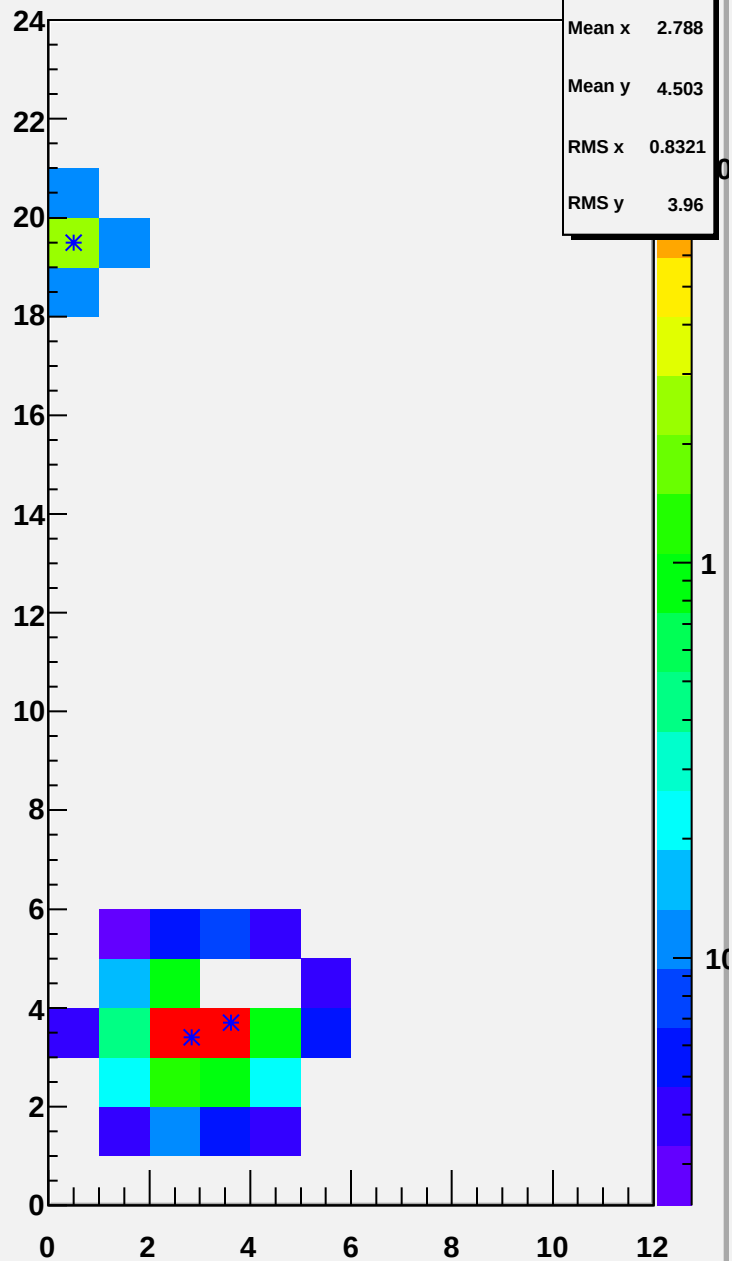
Efit

Entries	288
Mean x	1.818
Mean y	6.165
RMS x	0.6566
RMS y	4.03

NSTB3_r4_c3_En=48.4_m0=0.103 m1=0.102 index=1381



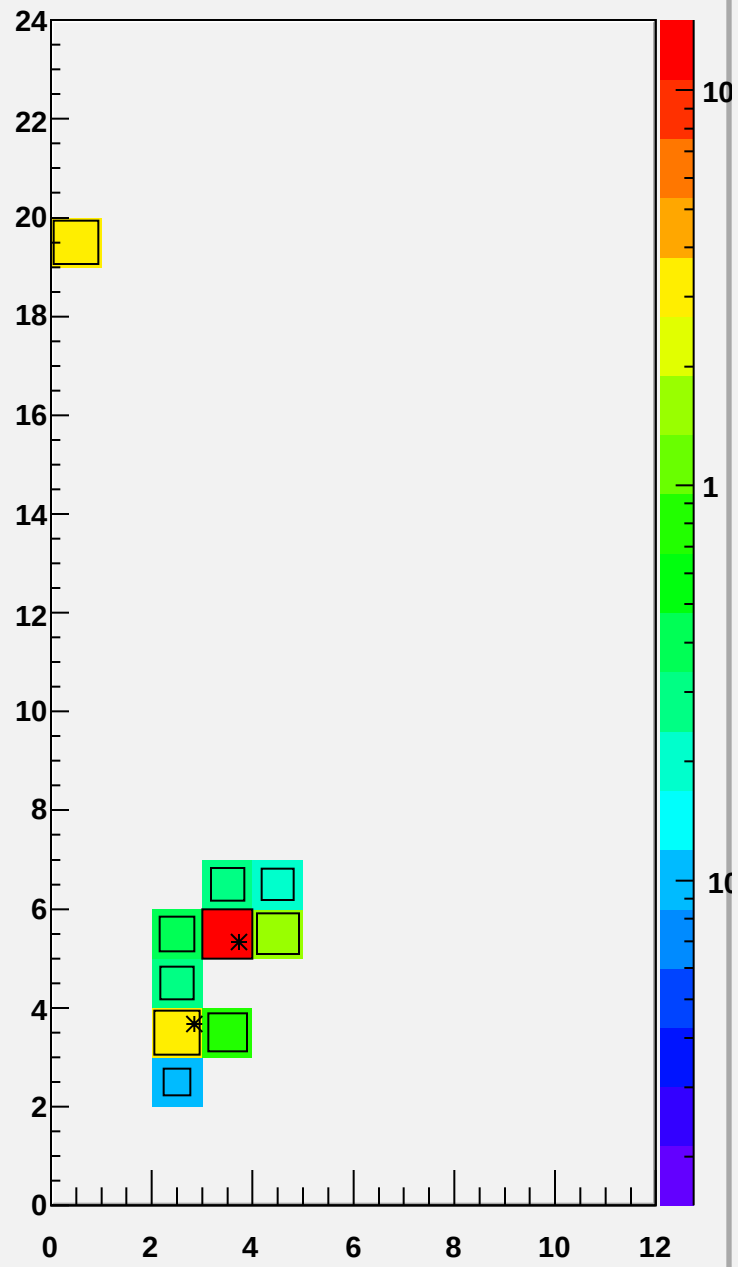
Fitted Energies



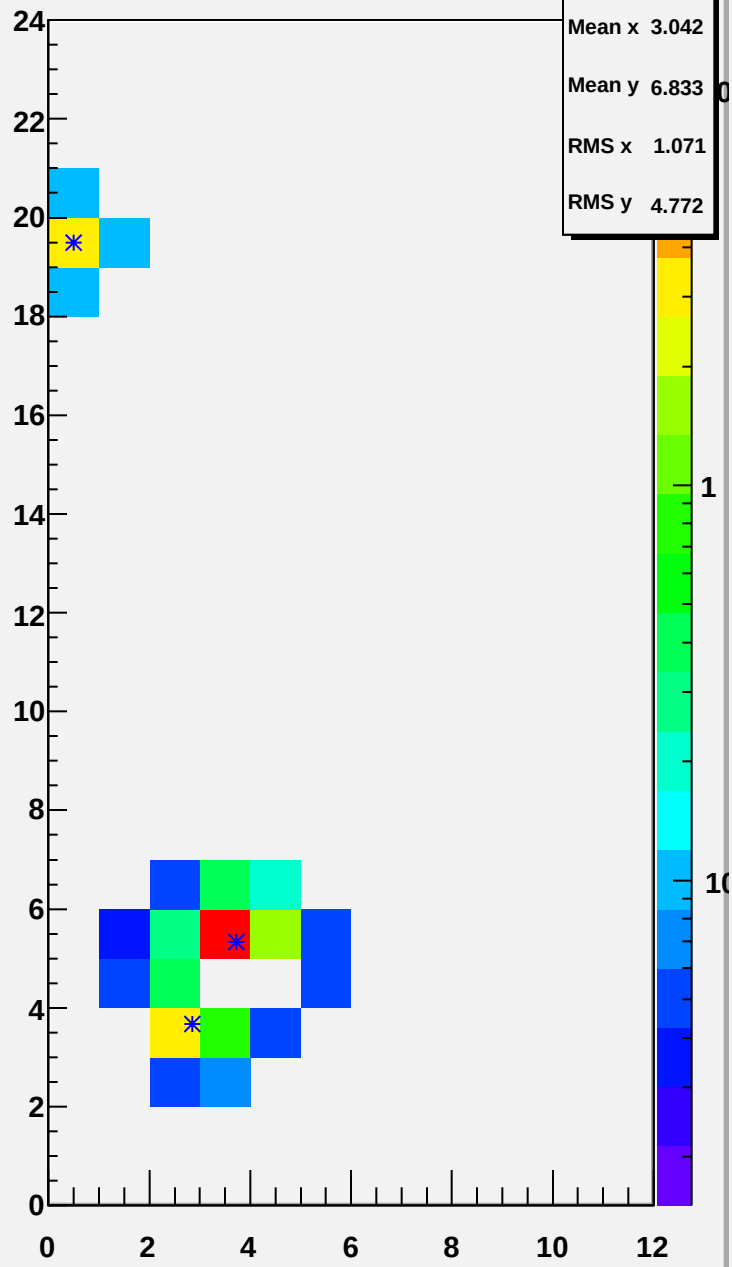
Efit

Entries	288
Mean x	2.788
Mean y	4.503
RMS x	0.8321
RMS y	3.96

NSTB3_r4_c3_En=26.1_m0=0.107 m1=0.107 index=1382



Fitted Energies



Efit

Entries 288

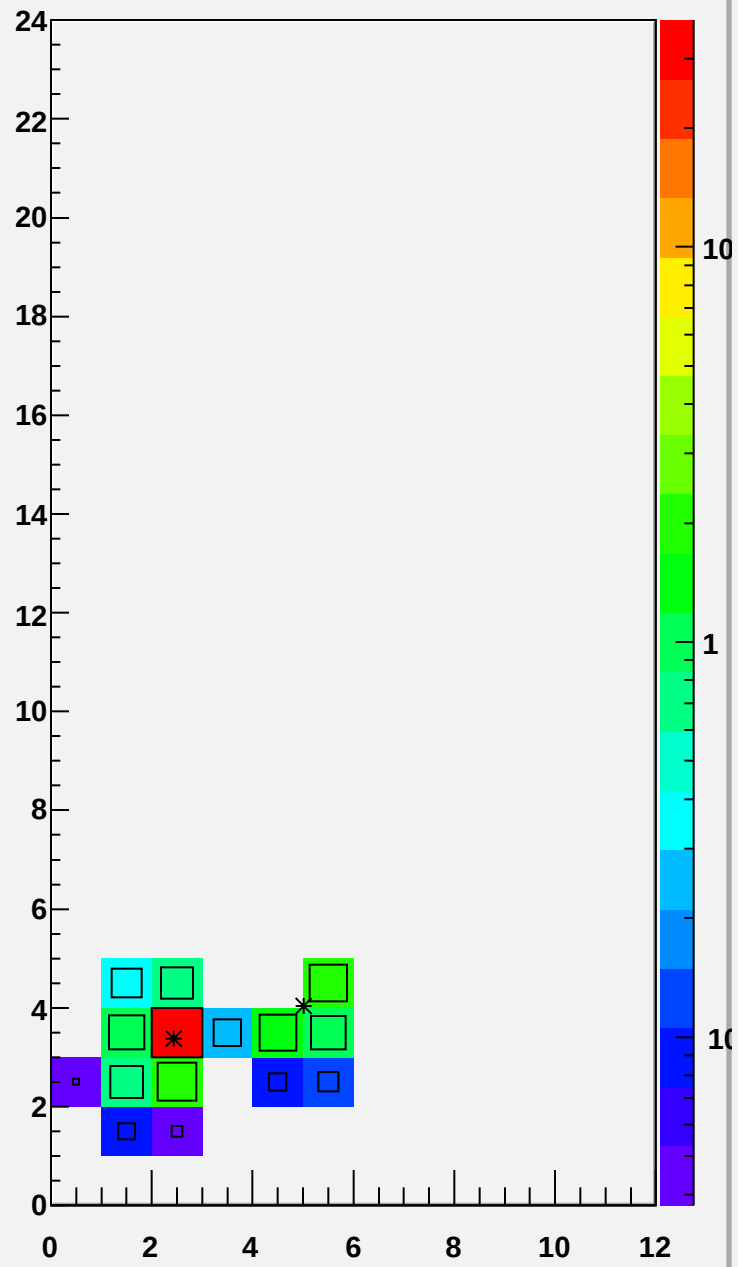
Mean x 3.042

Mean y 6.833

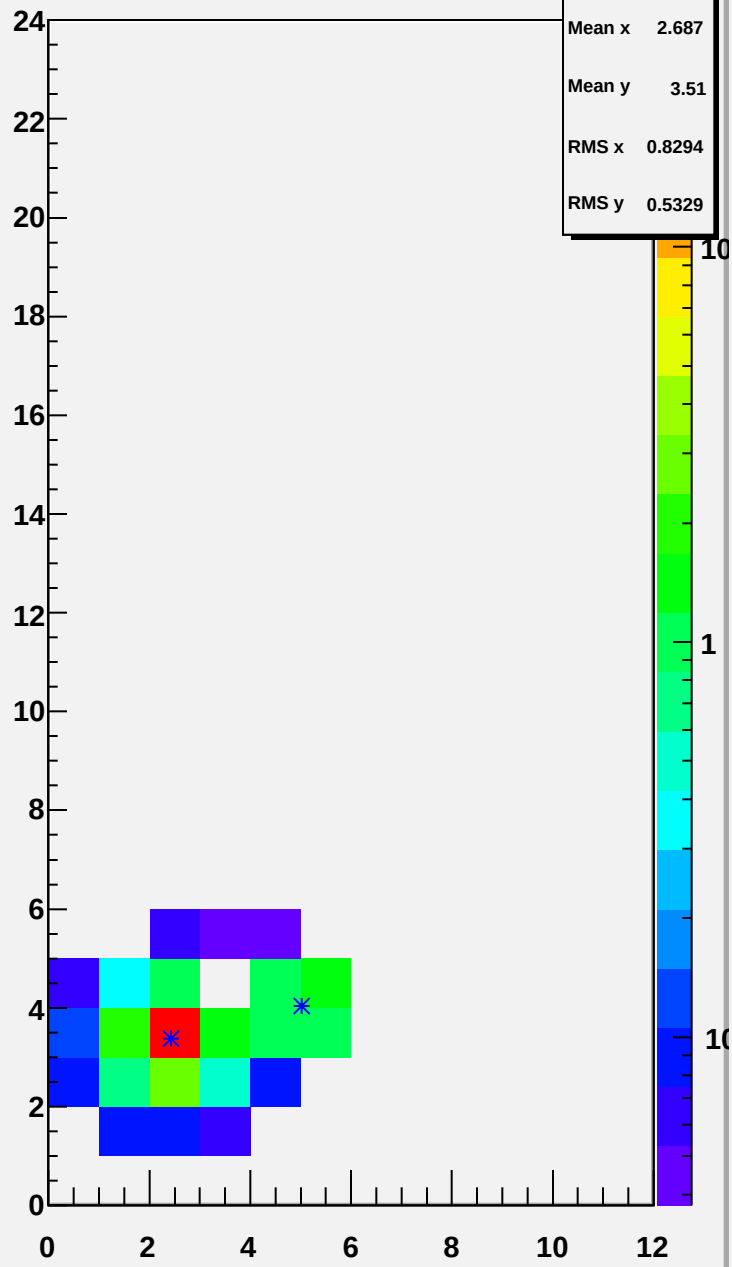
RMS x 1.071

RMS y 4.772

NSTB3_r4_c3_En=47.2_m0=0.213 m1=0.213 index=1383



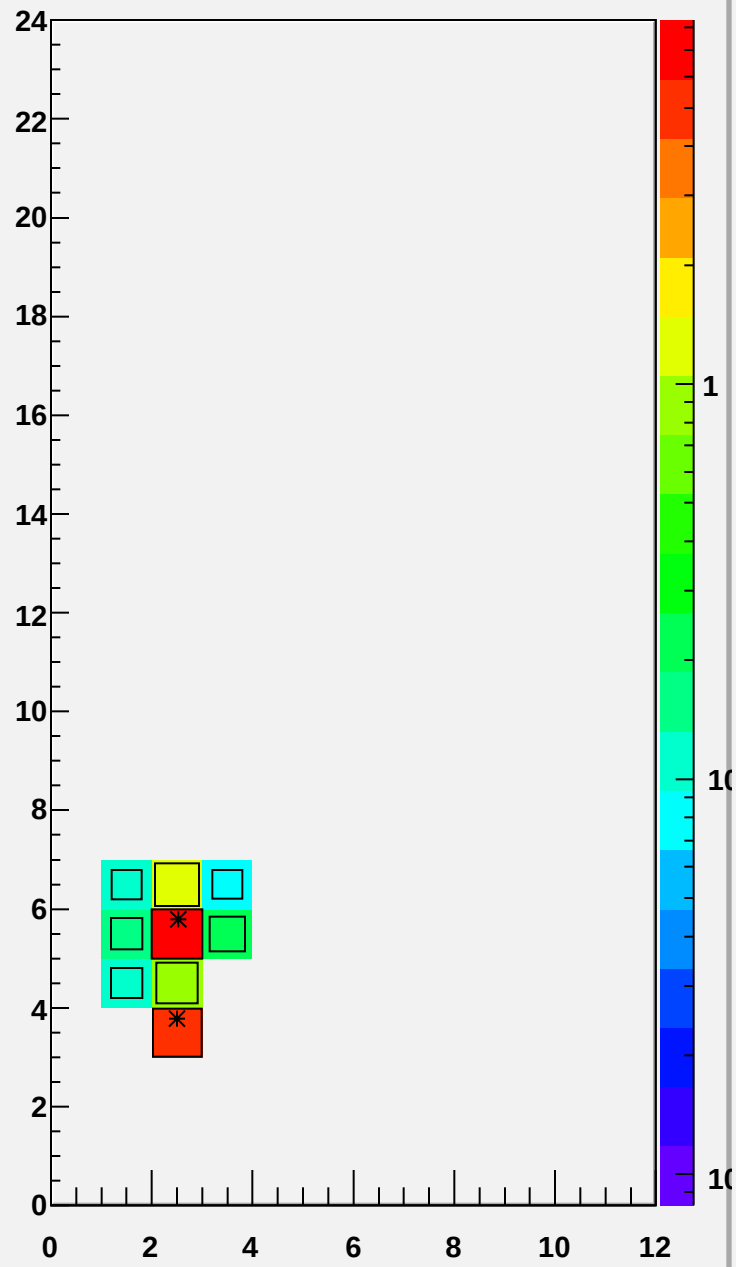
Fitted Energies



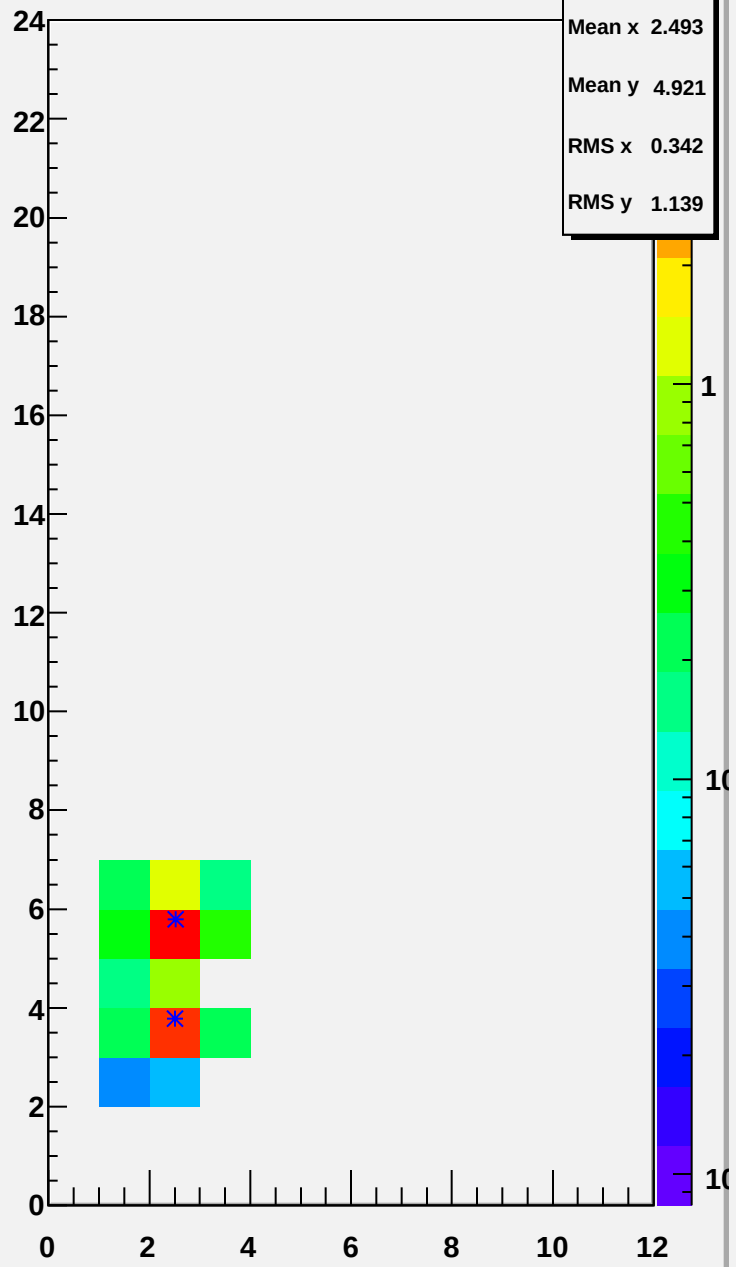
Efit

Entries	288
Mean x	2.687
Mean y	3.51
RMS x	0.8294
RMS y	0.5329

NSTB3_r4_c3_En=16.4_m0=0.096 m1=0.096 index=1384



Fitted Energies



Efit

Entries 288

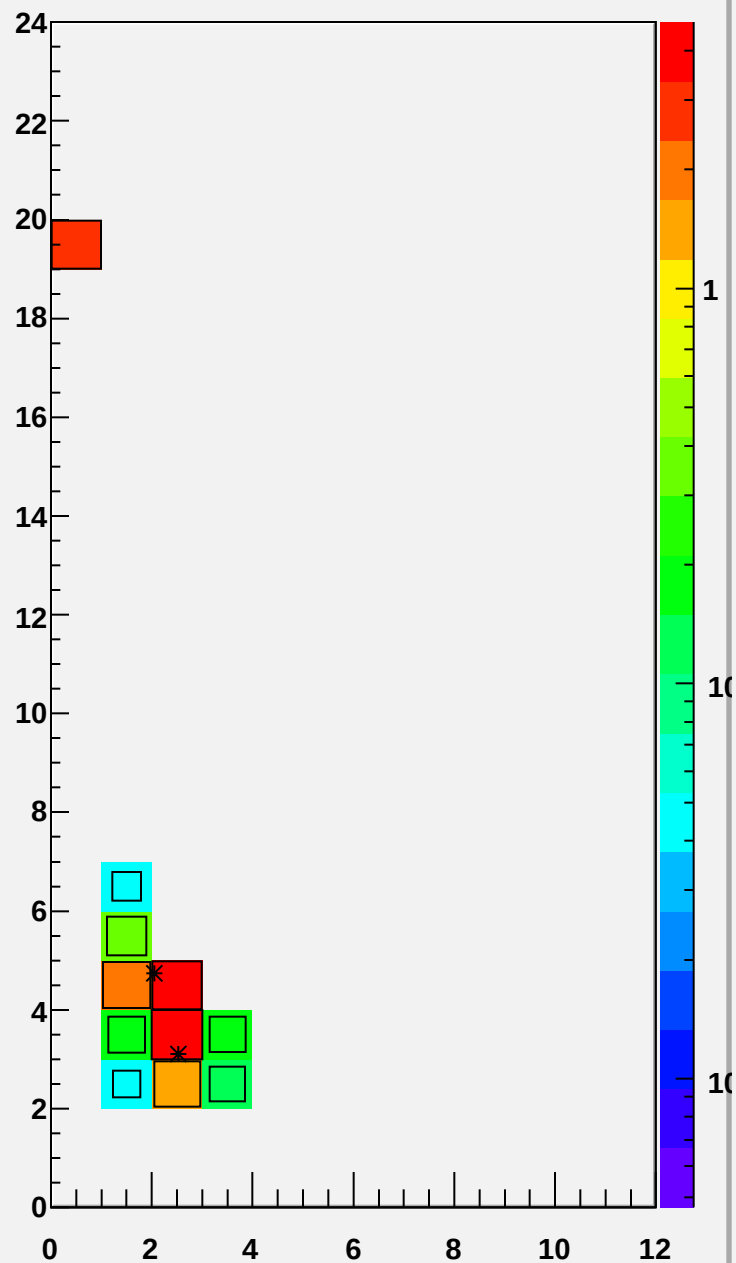
Mean x 2.493

Mean y 4.921

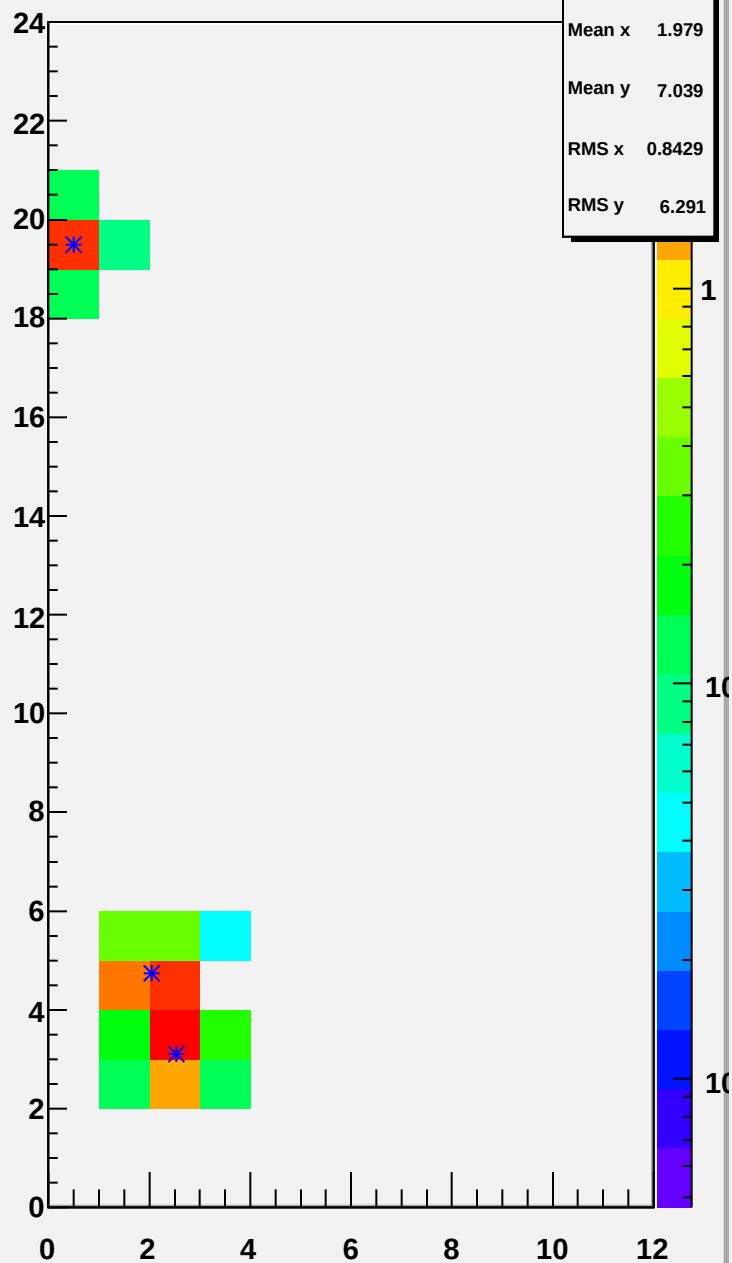
RMS x 0.342

RMS y 1.139

NSTB3_r4_c3_En=15.7_m0=0.062 m1=0.062 index=1385



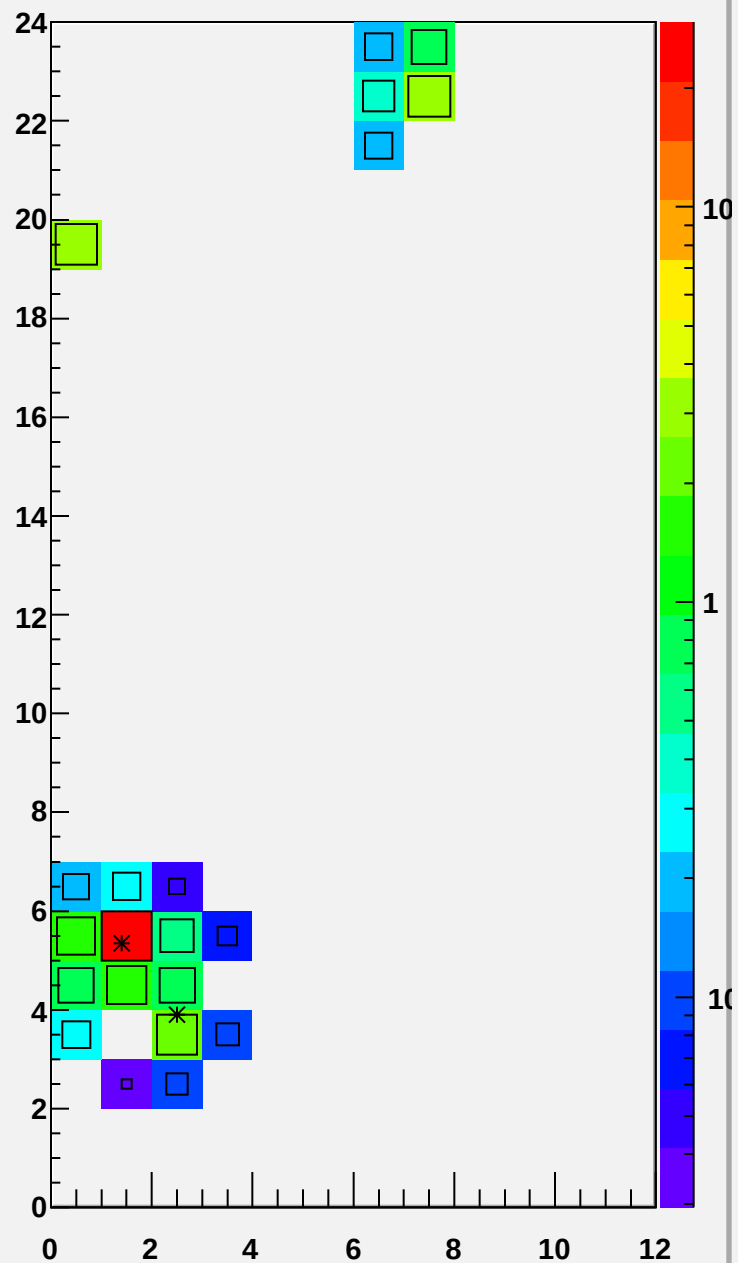
Fitted Energies



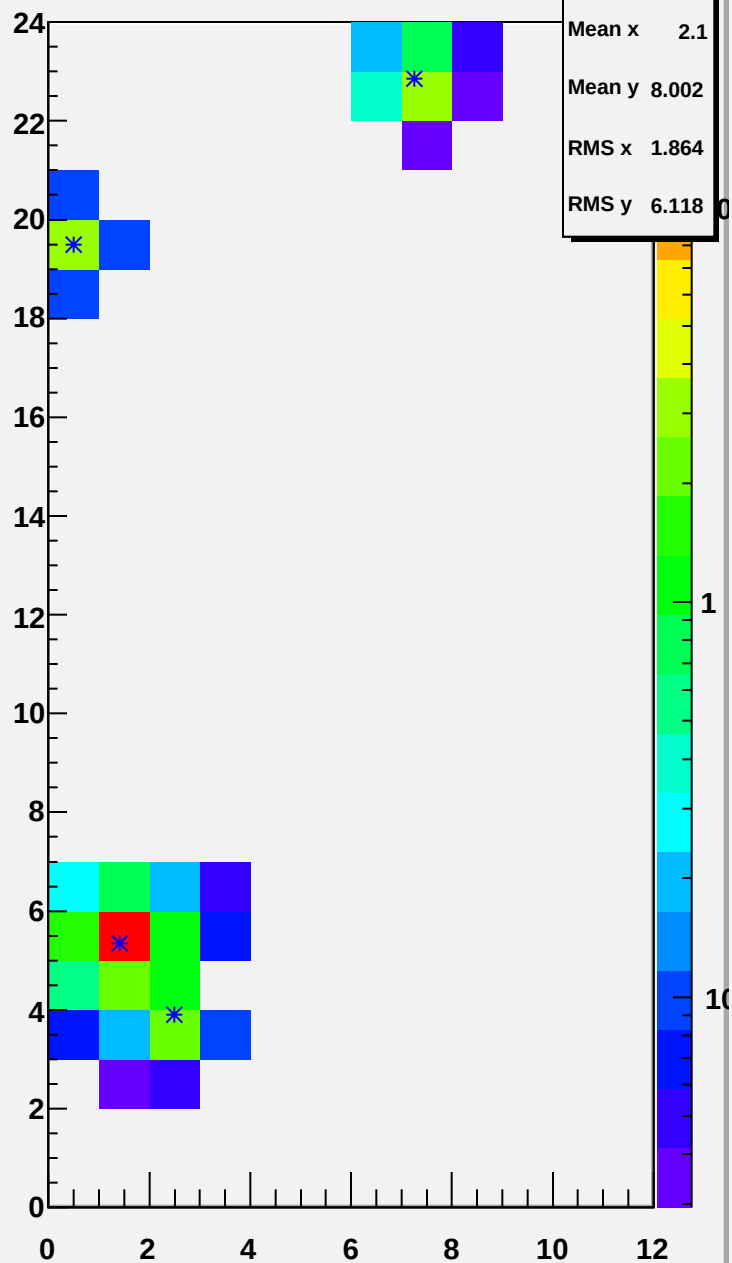
Efit

Entries	288
Mean x	1.979
Mean y	7.039
RMS x	0.8429
RMS y	6.291

NSTB3_r4_c3_En=46.9_m0=0.120 m1=0.120 index=1386



Fitted Energies



Efit

Entries 288

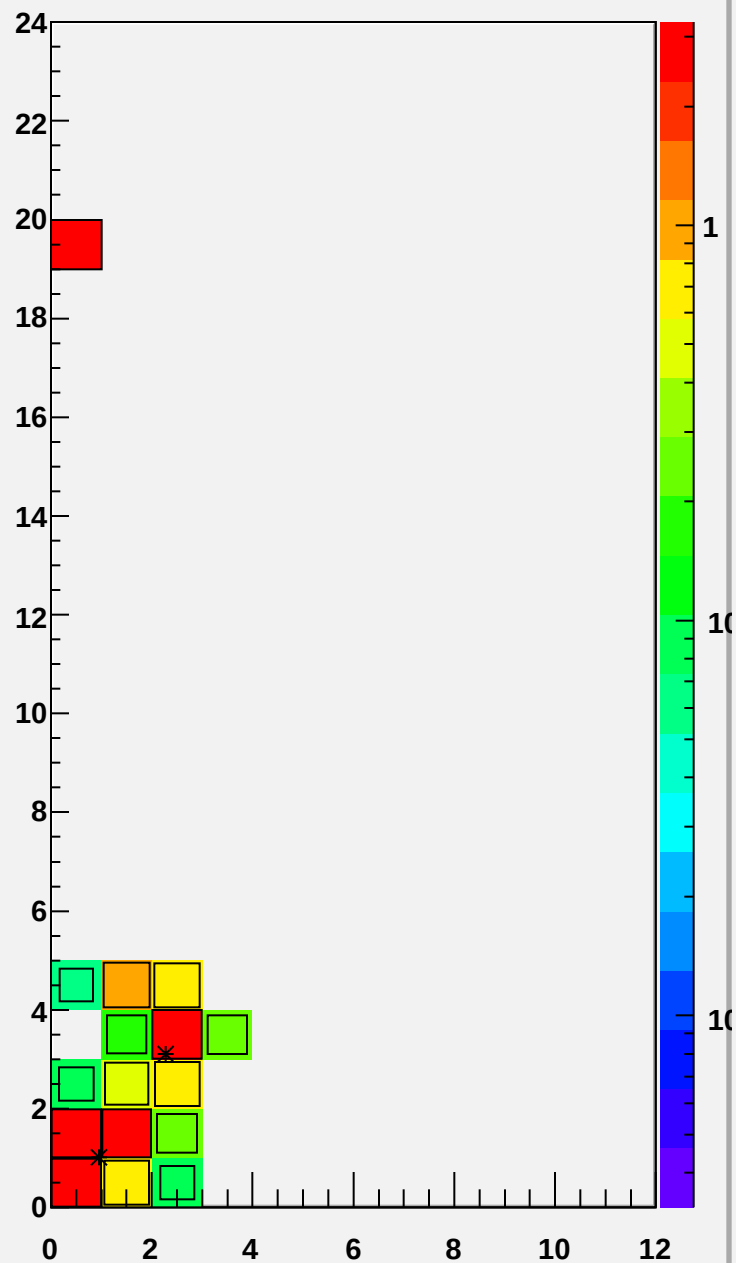
Mean x 2.1

Mean y 8.002

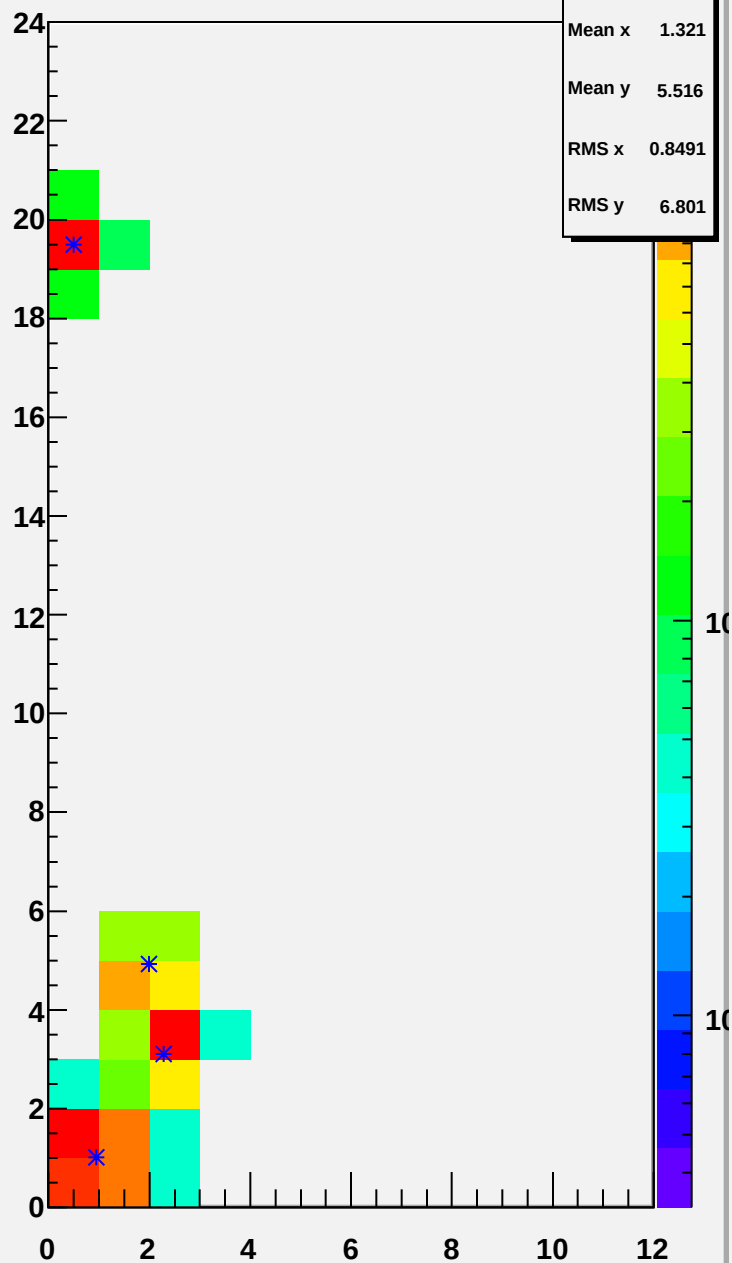
RMS x 1.864

RMS y 6.118

NSTB3_r4_c3_En=17.8_m0=0.078 m1=0.078 index=1387



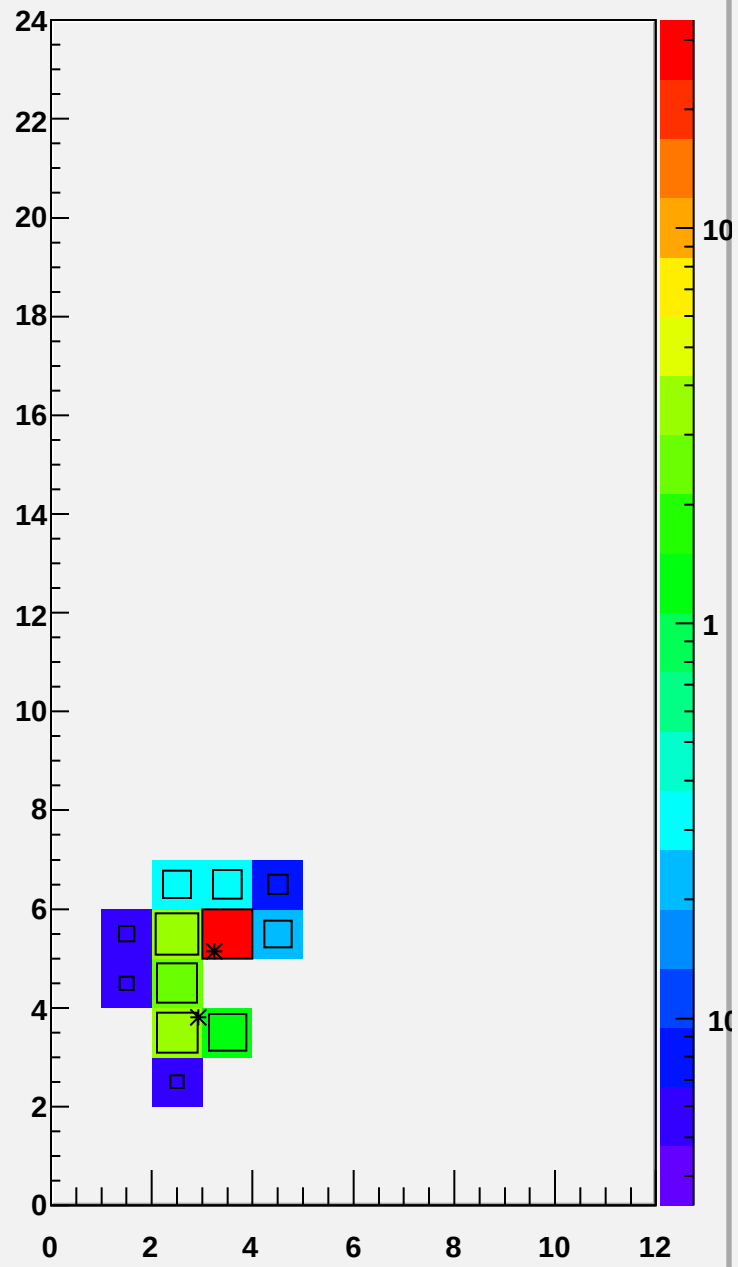
Fitted Energies



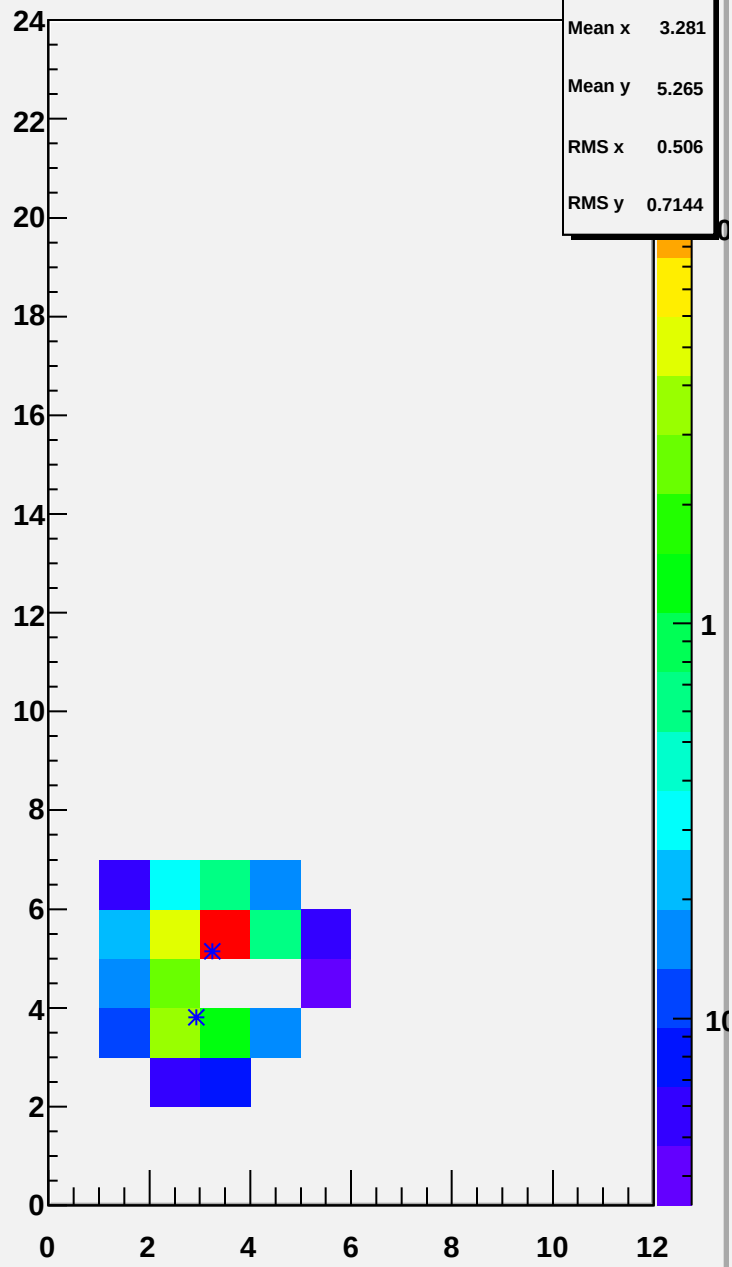
Efit

Entries	288
Mean x	1.321
Mean y	5.516
RMS x	0.8491
RMS y	6.801

NSTB3_r4_c3_En=46.3_m0=0.122 m1=0.122 index=1388



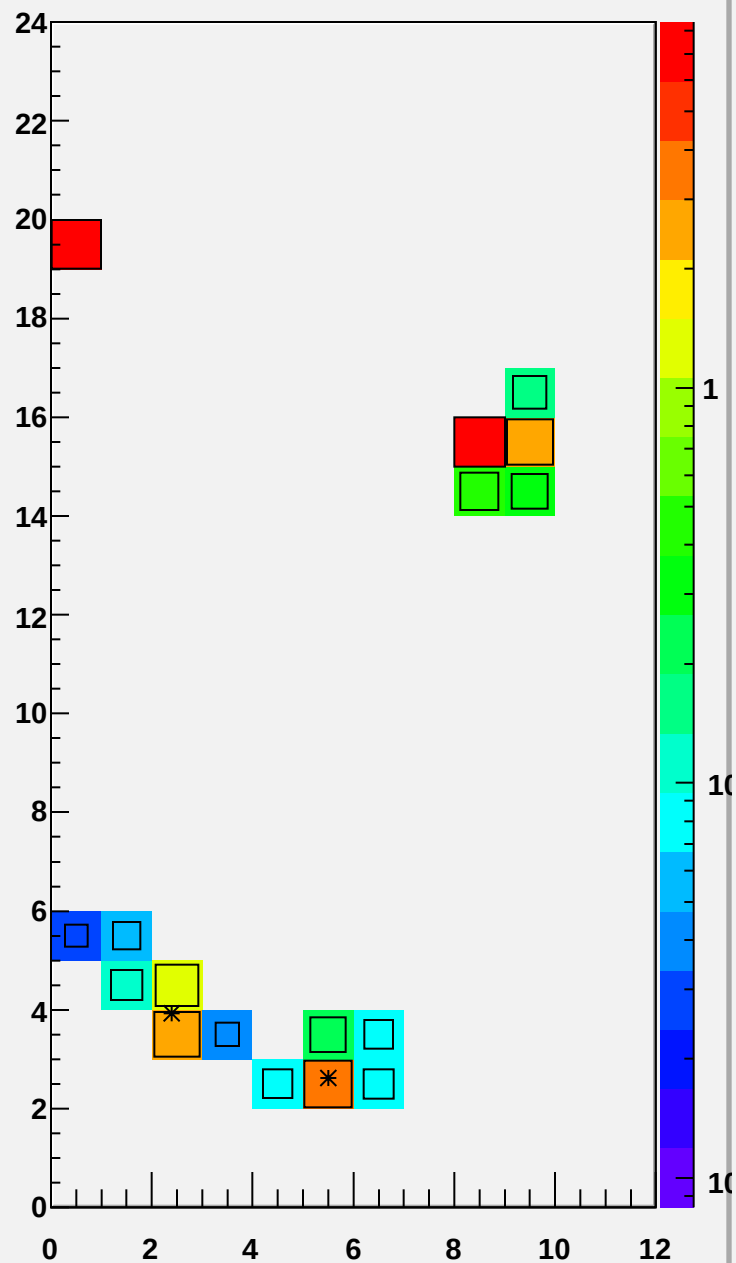
Fitted Energies



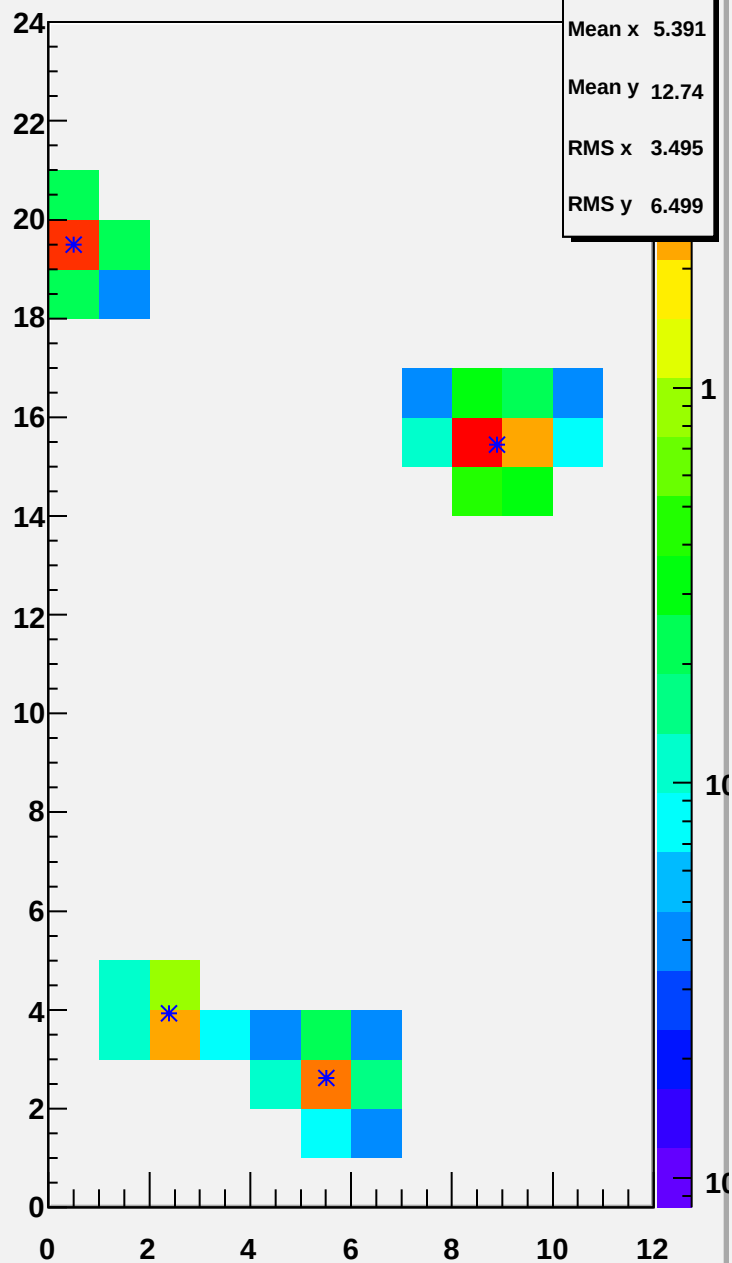
Efit

Entries	288
Mean x	3.281
Mean y	5.265
RMS x	0.506
RMS y	0.7144

NSTB3_r4_c3_En=26.8_m0=0.082 m1=0.082 index=1389



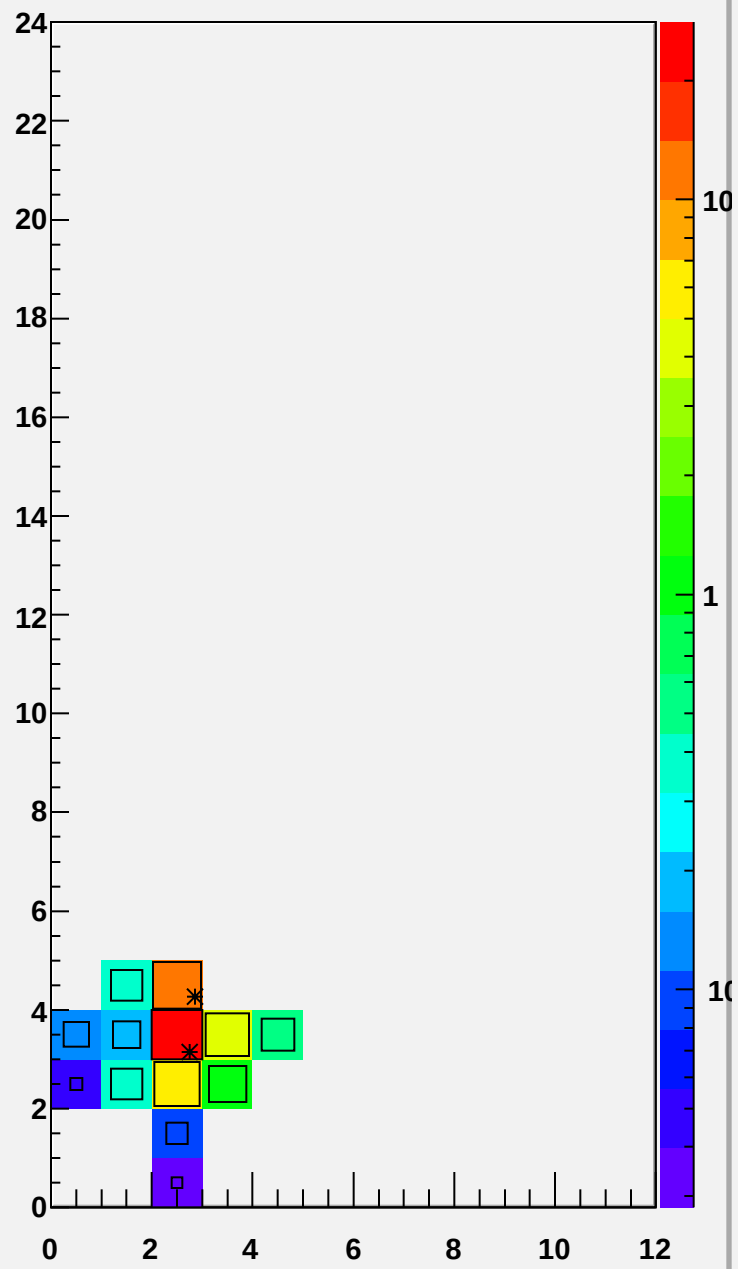
Fitted Energies



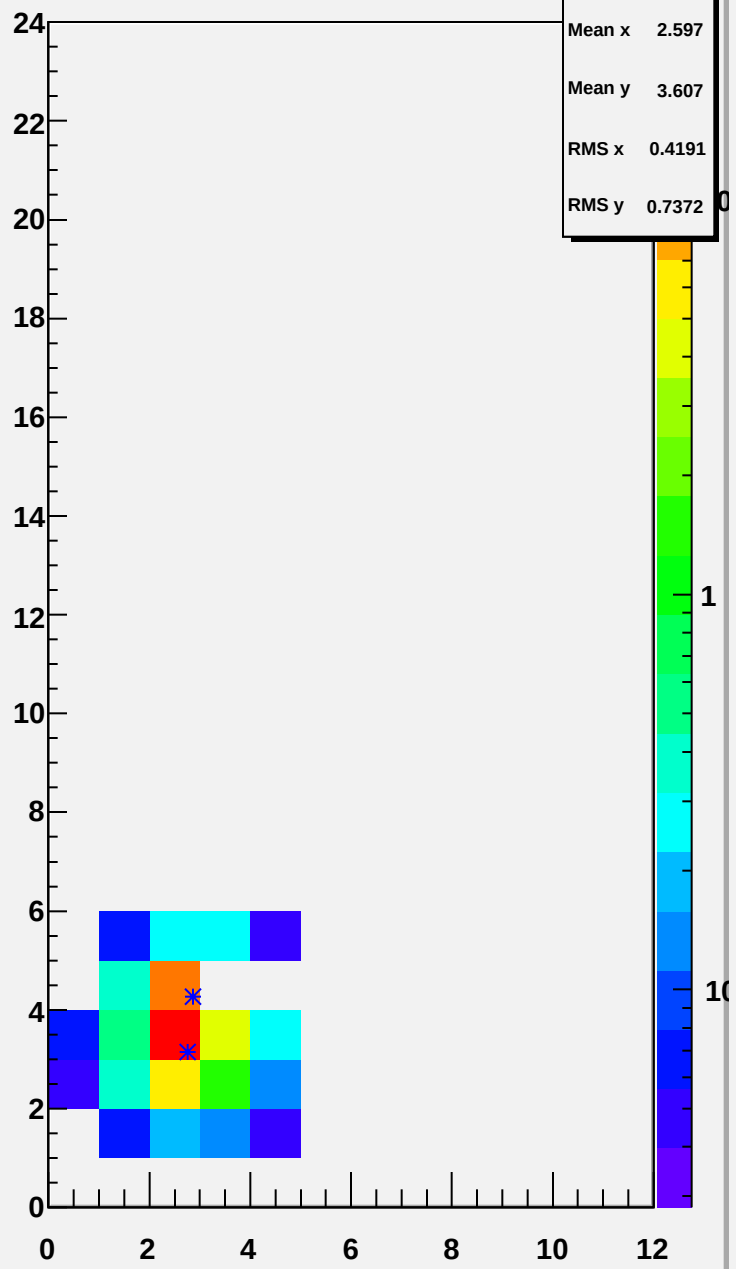
Efit

Entries 288
Mean x 5.391
Mean y 12.74
RMS x 3.495
RMS y 6.499

NSTB3_r4_c3_En=55.7_m0=0.171 m1=0.171 index=1391



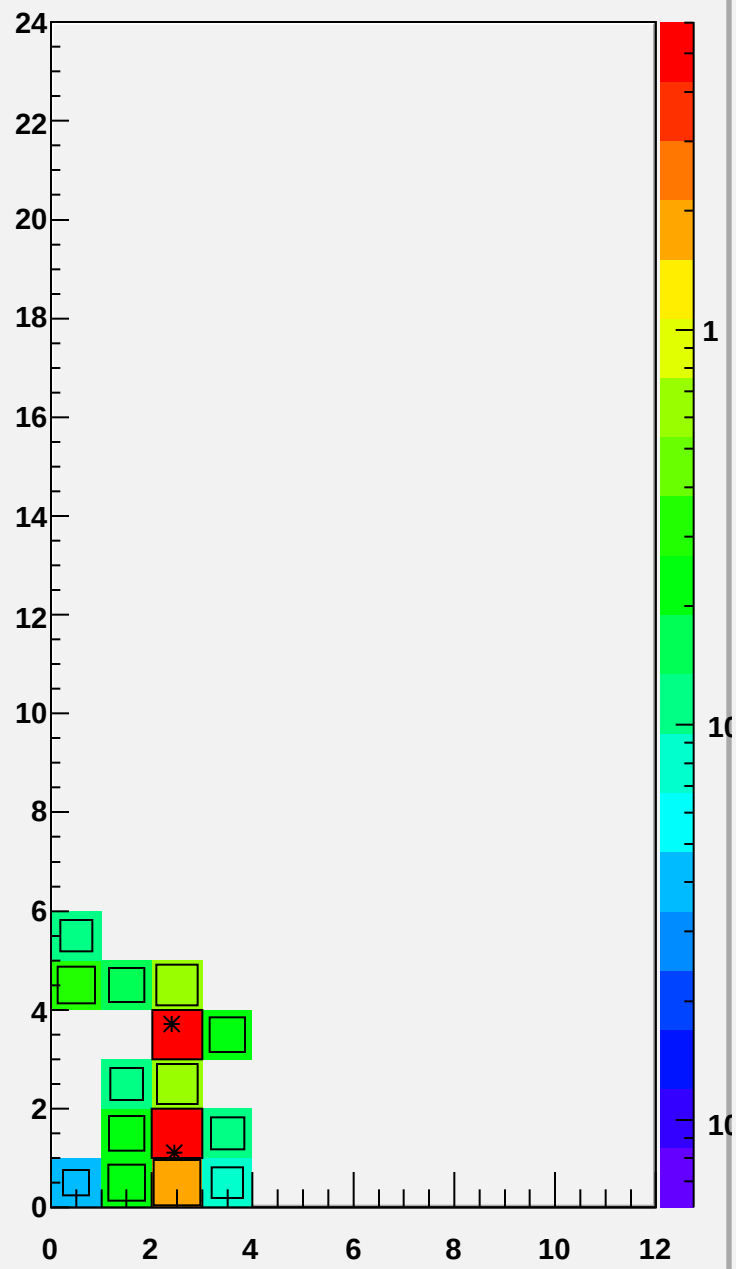
Fitted Energies



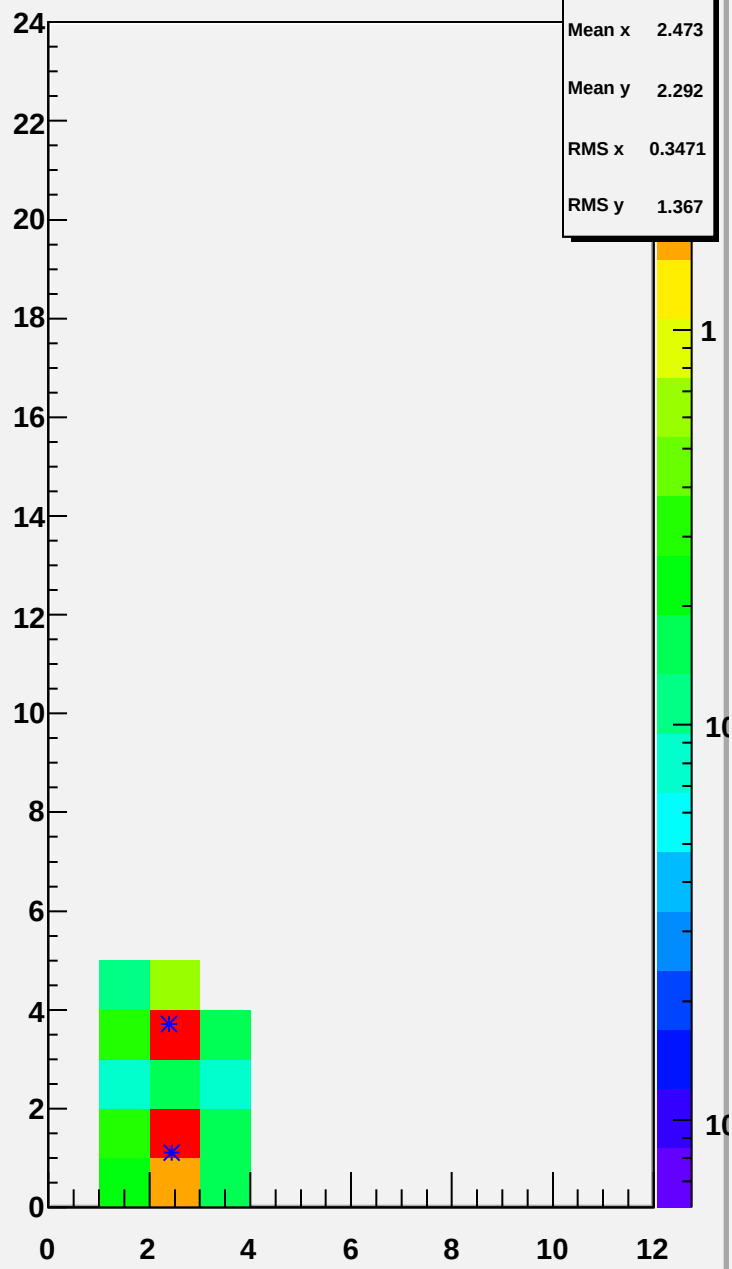
Efit

Entries	288
Mean x	2.597
Mean y	3.607
RMS x	0.4191
RMS y	0.7372

NSTB3_r4_c3_En=16.0_m0=0.116 m1=0.116 index=1392



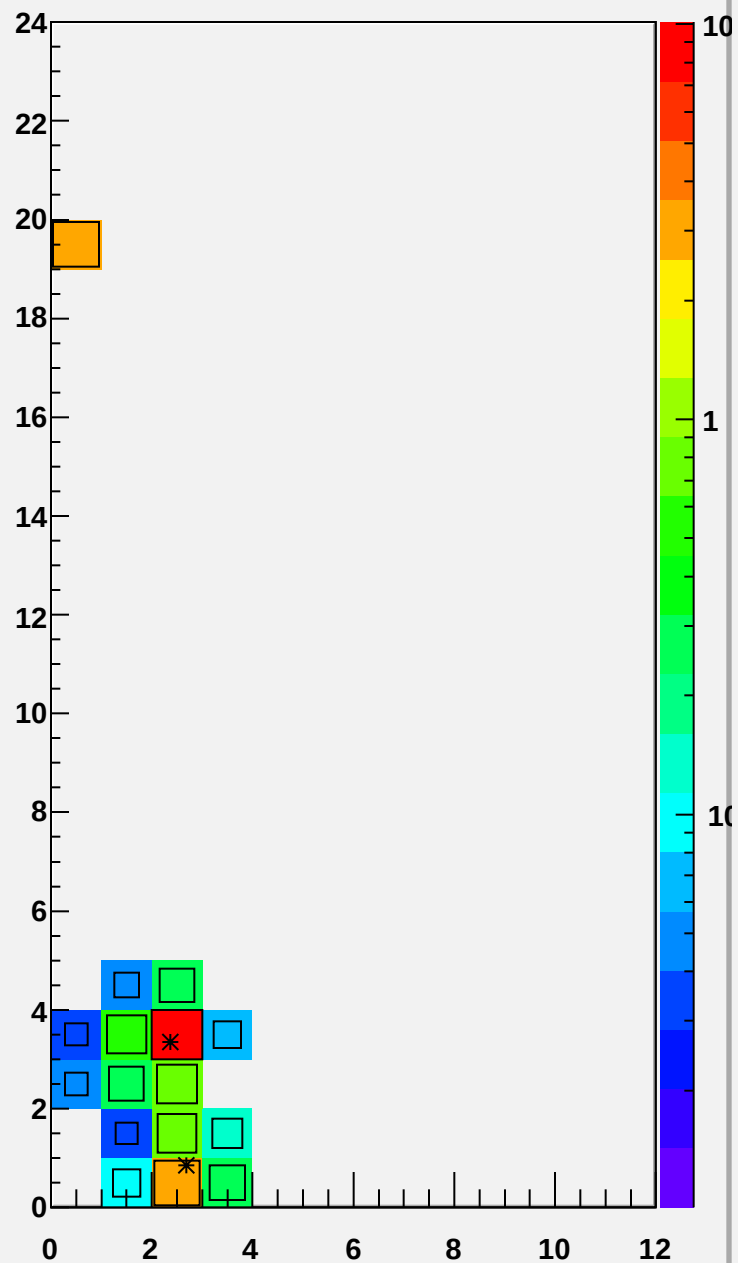
Fitted Energies



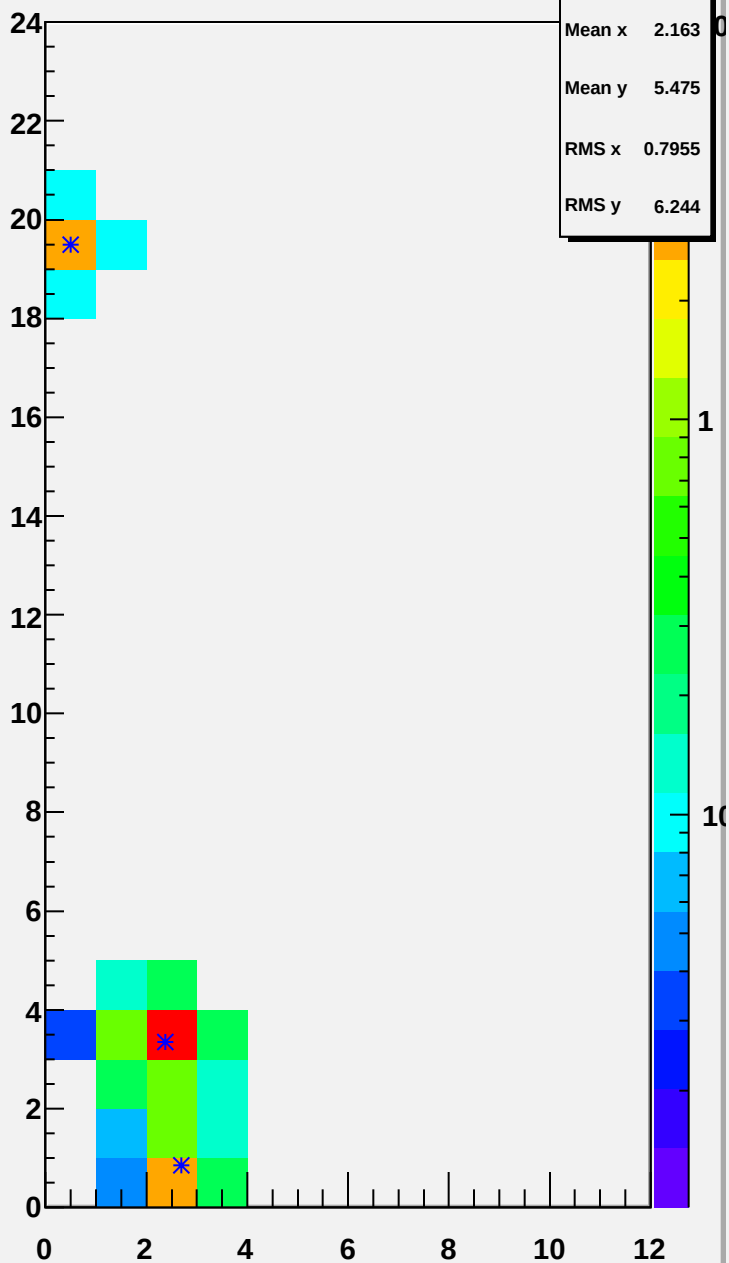
Efit

Entries	288
Mean x	2.473
Mean y	2.292
RMS x	0.3471
RMS y	1.367

NSTB3_r4_c3_En=19.6_m0=0.102 m1=0.102 index=1393



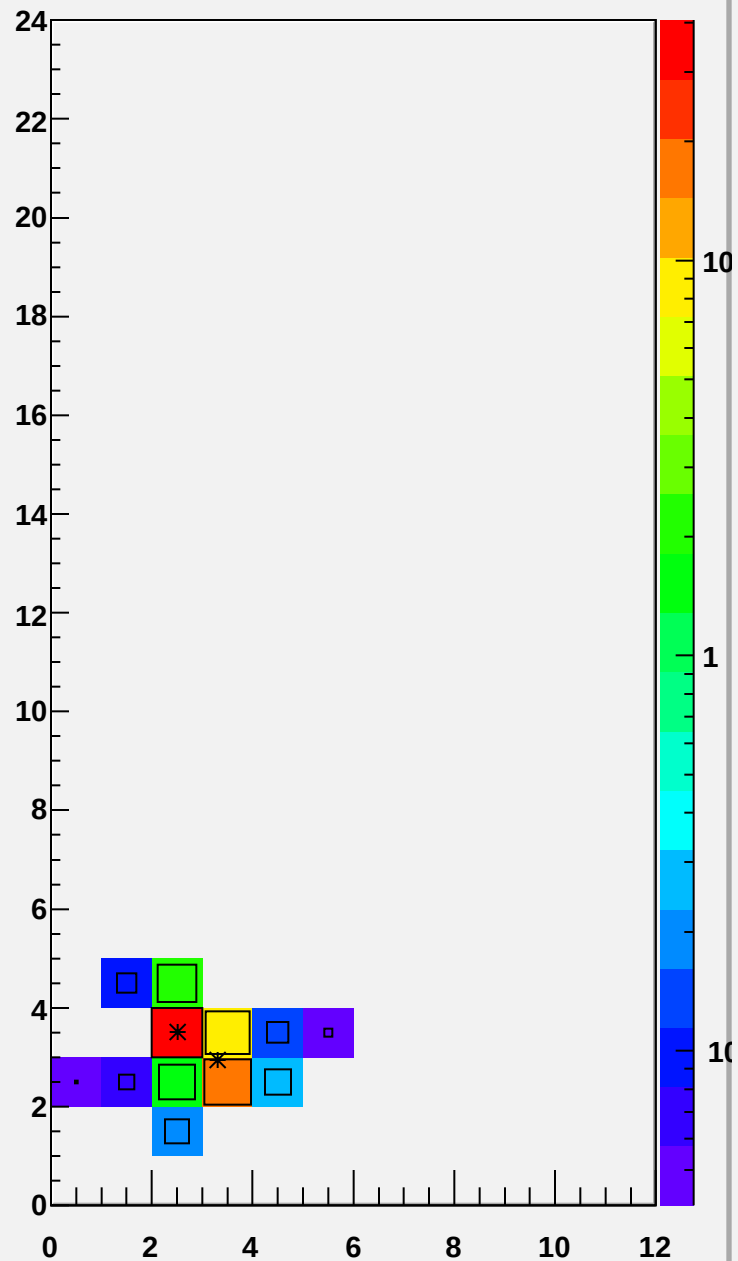
Fitted Energies



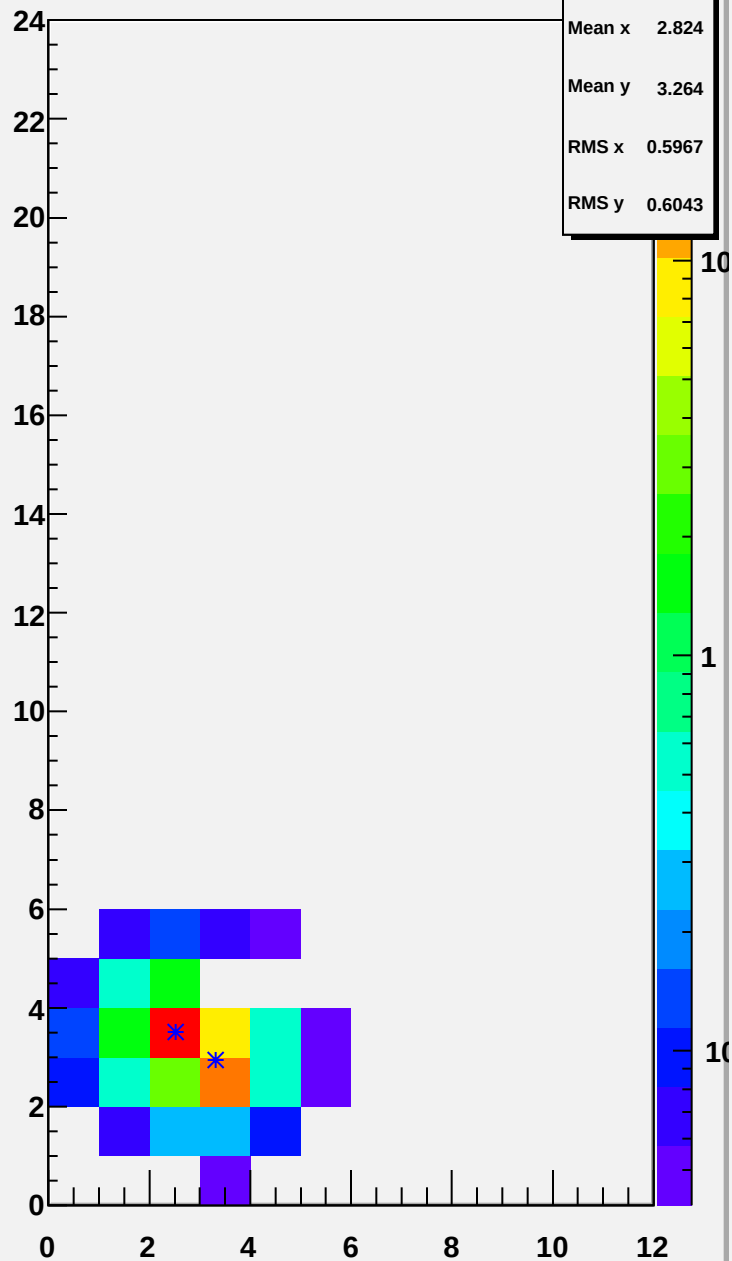
Efit

Entries	288
Mean x	2.163
Mean y	5.475
RMS x	0.7955
RMS y	6.244

NSTB3_r4_c3_En=67.5_m0=0.191 m1=0.190 index=1394



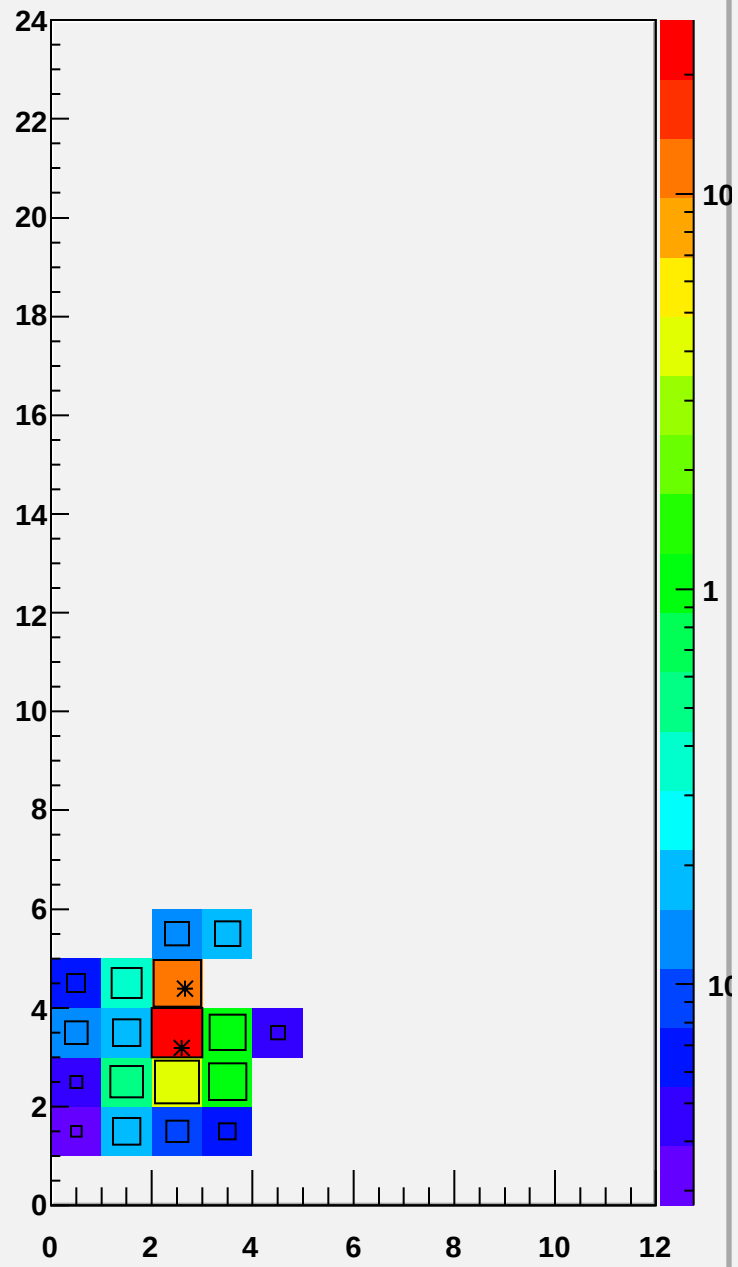
Fitted Energies



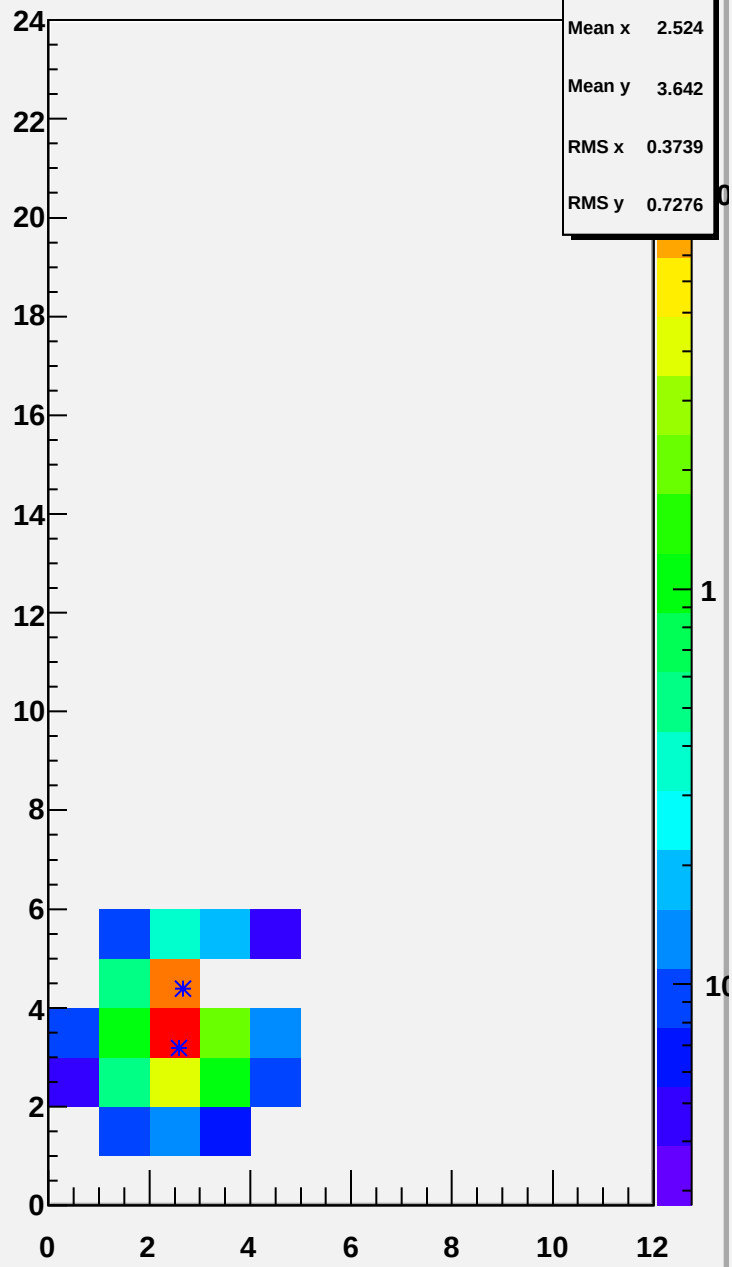
Efit

Entries	288
Mean x	2.824
Mean y	3.264
RMS x	0.5967
RMS y	0.6043

NSTB3_r4_c3_En=48.6_m0=0.149 m1=0.149 index=1395



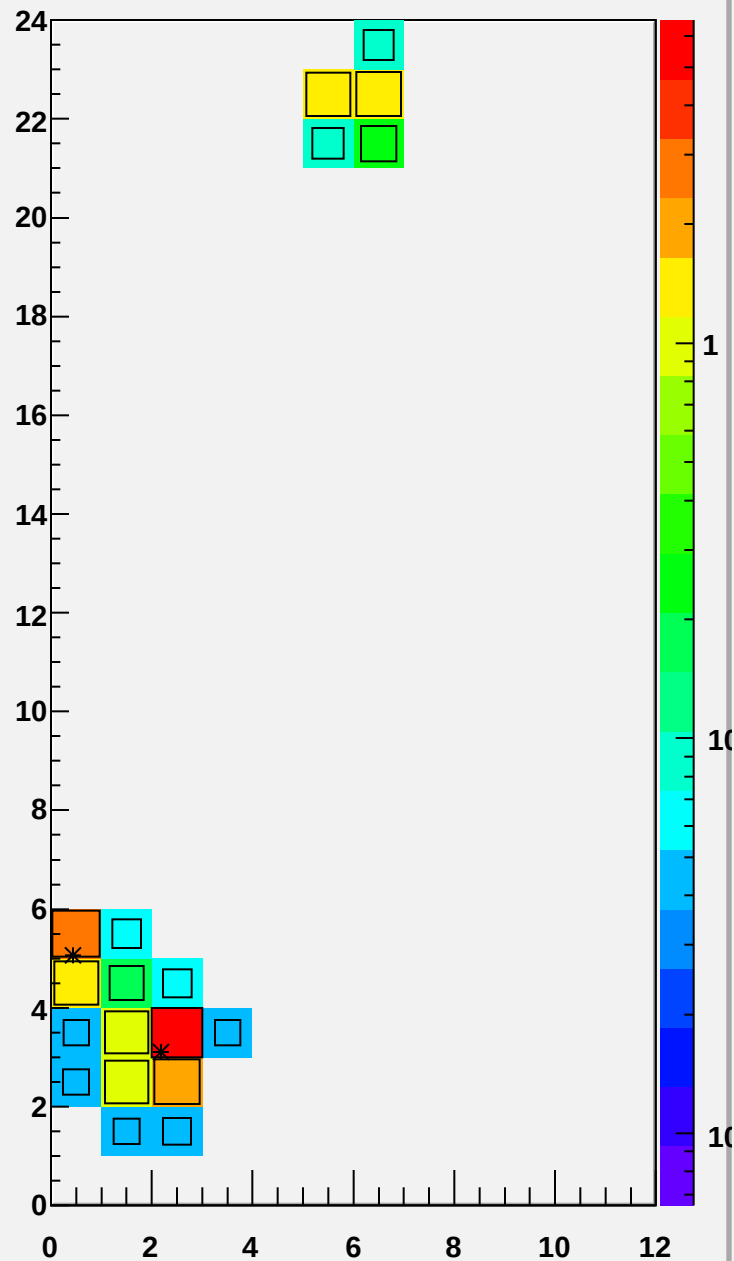
Fitted Energies



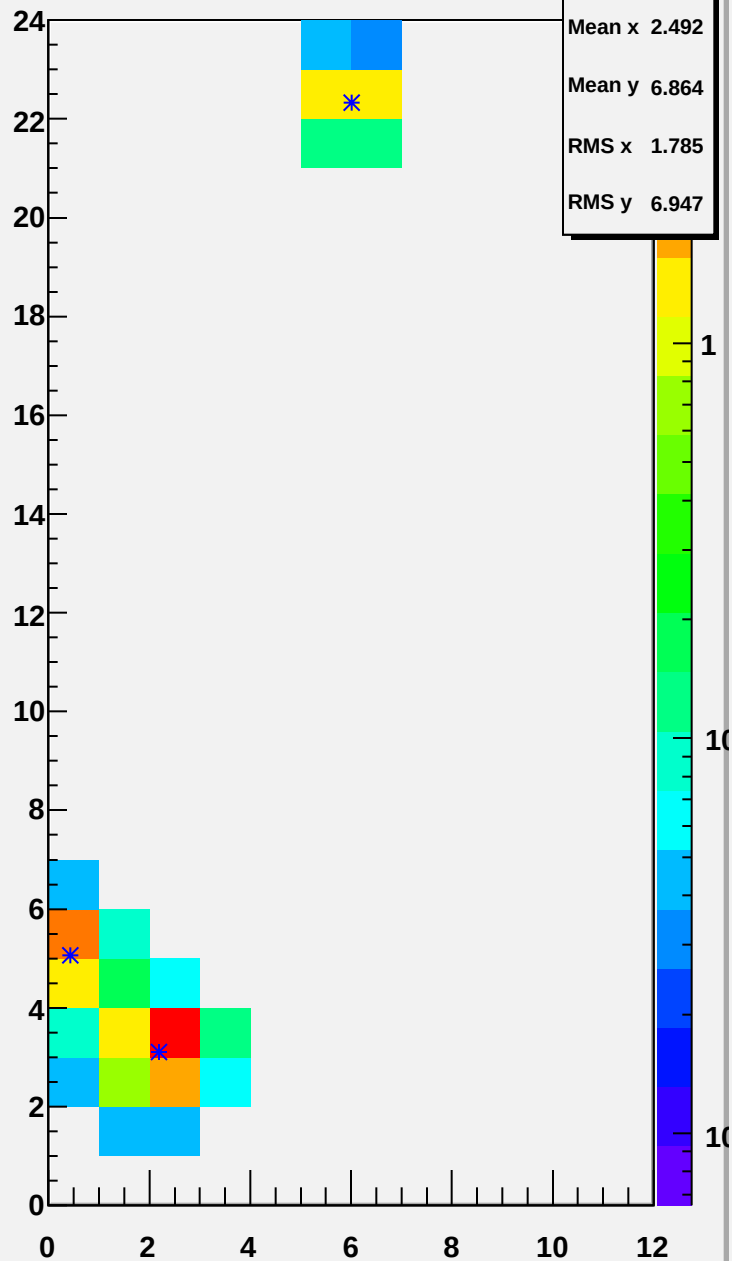
Efit

Entries	288
Mean x	2.524
Mean y	3.642
RMS x	0.3739
RMS y	0.7276

NSTB3_r4_c3_En=18.5_m0=0.108 m1=0.108 index=1397



Fitted Energies



Efit

Entries 288

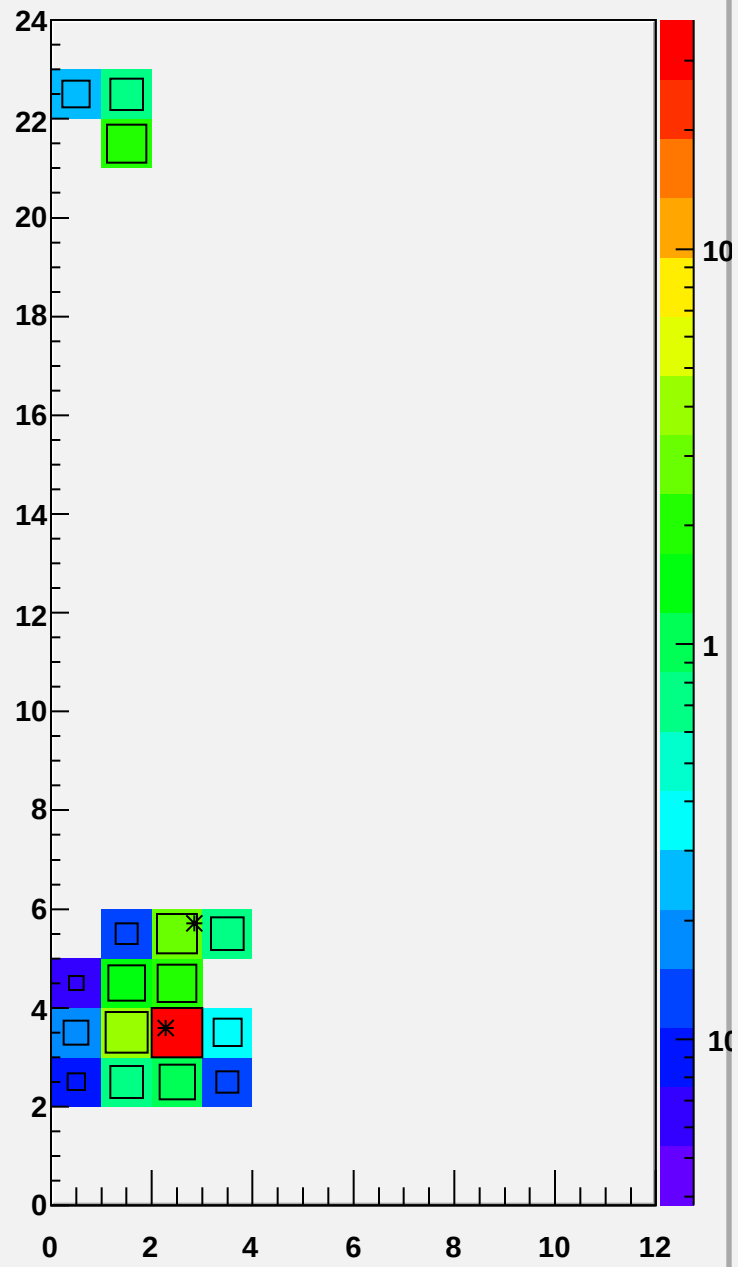
Mean x 2.492

Mean y 6.864

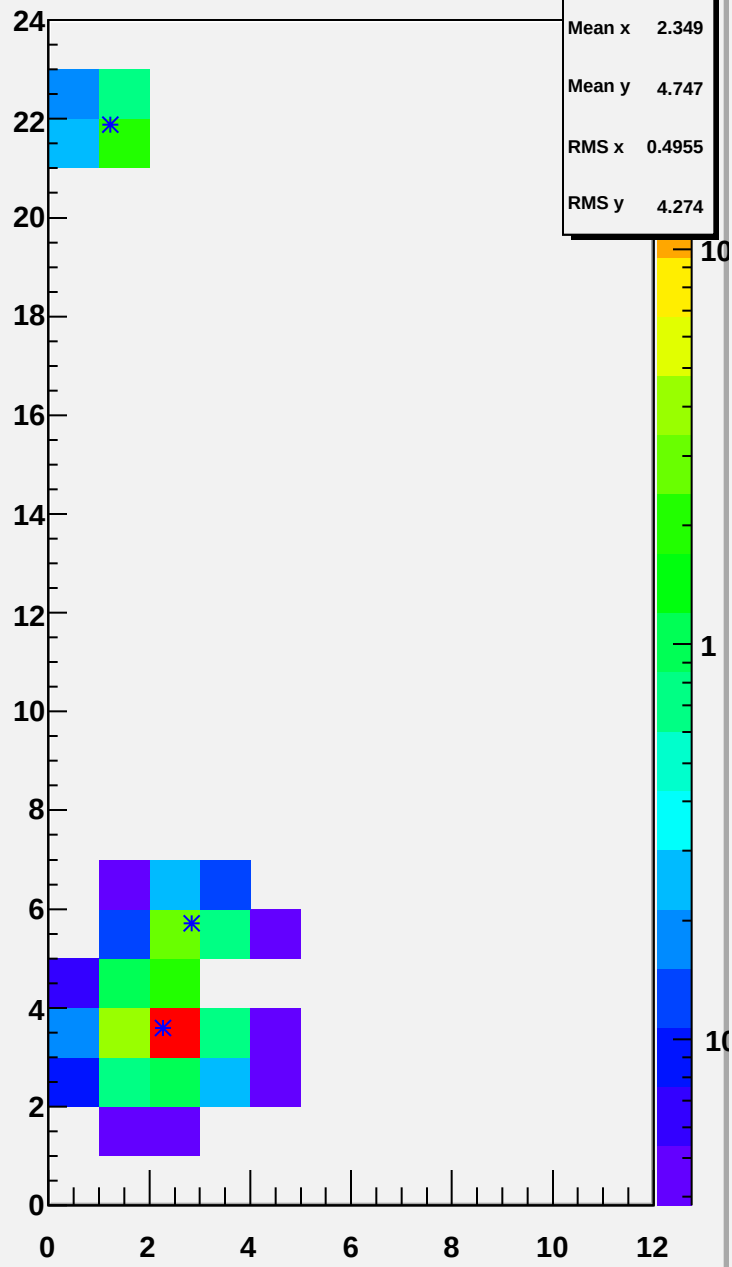
RMS x 1.785

RMS y 6.947

NSTB3_r4_c3_En=55.4_m0=0.175 m1=0.175 index=1398



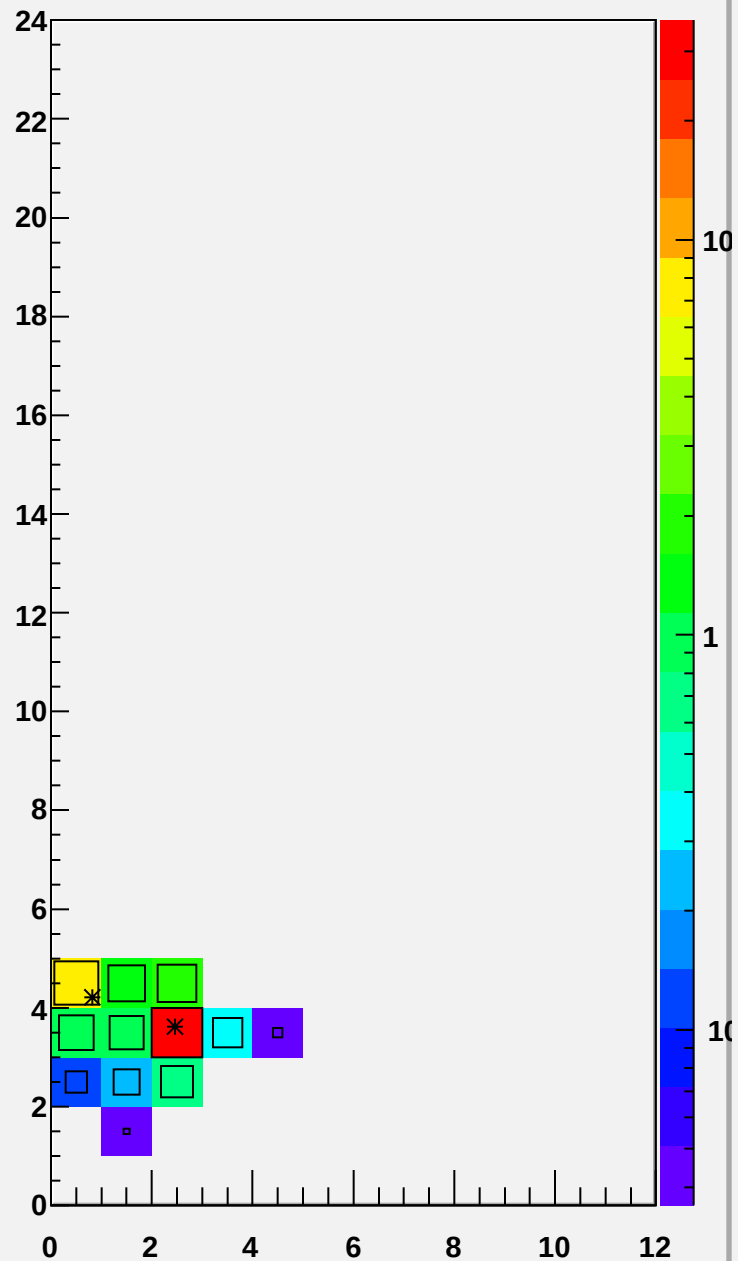
Fitted Energies



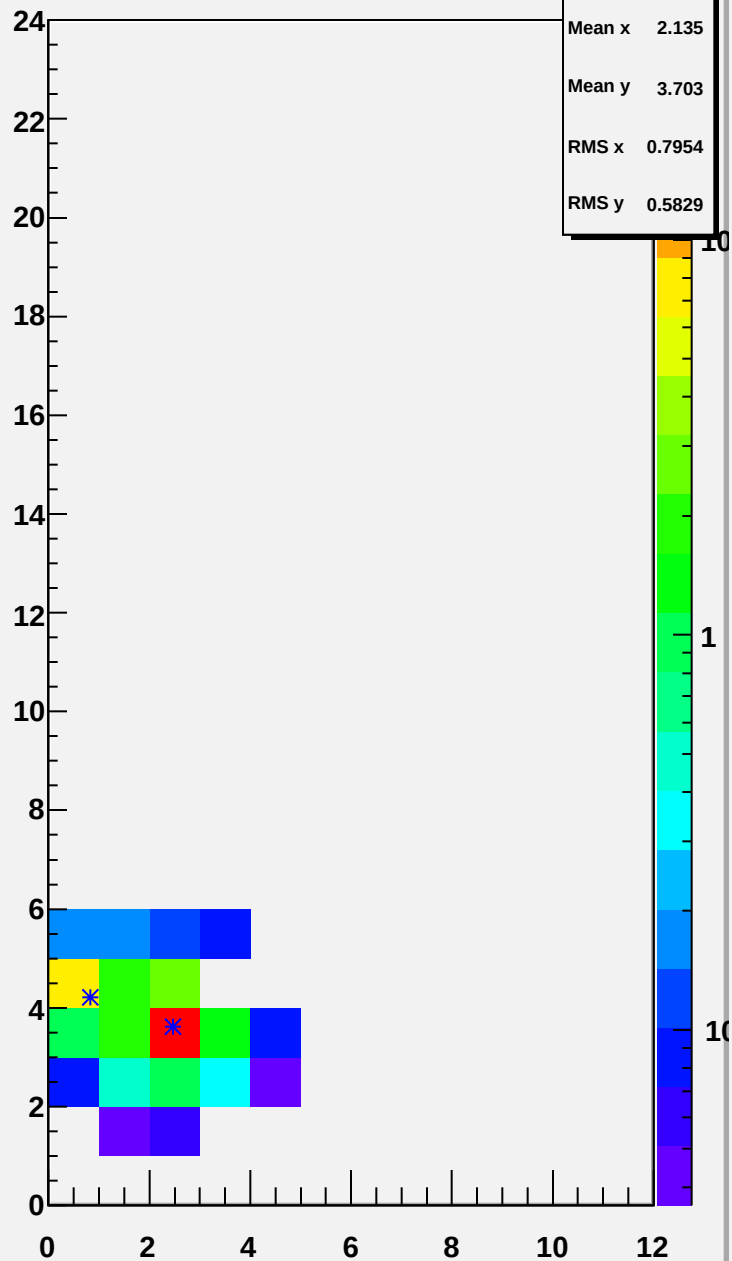
Efit

Entries	288
Mean x	2.349
Mean y	4.747
RMS x	0.4955
RMS y	4.274

NSTB3_r4_c3_En=49.7_m0=0.204 m1=0.205 index=1399



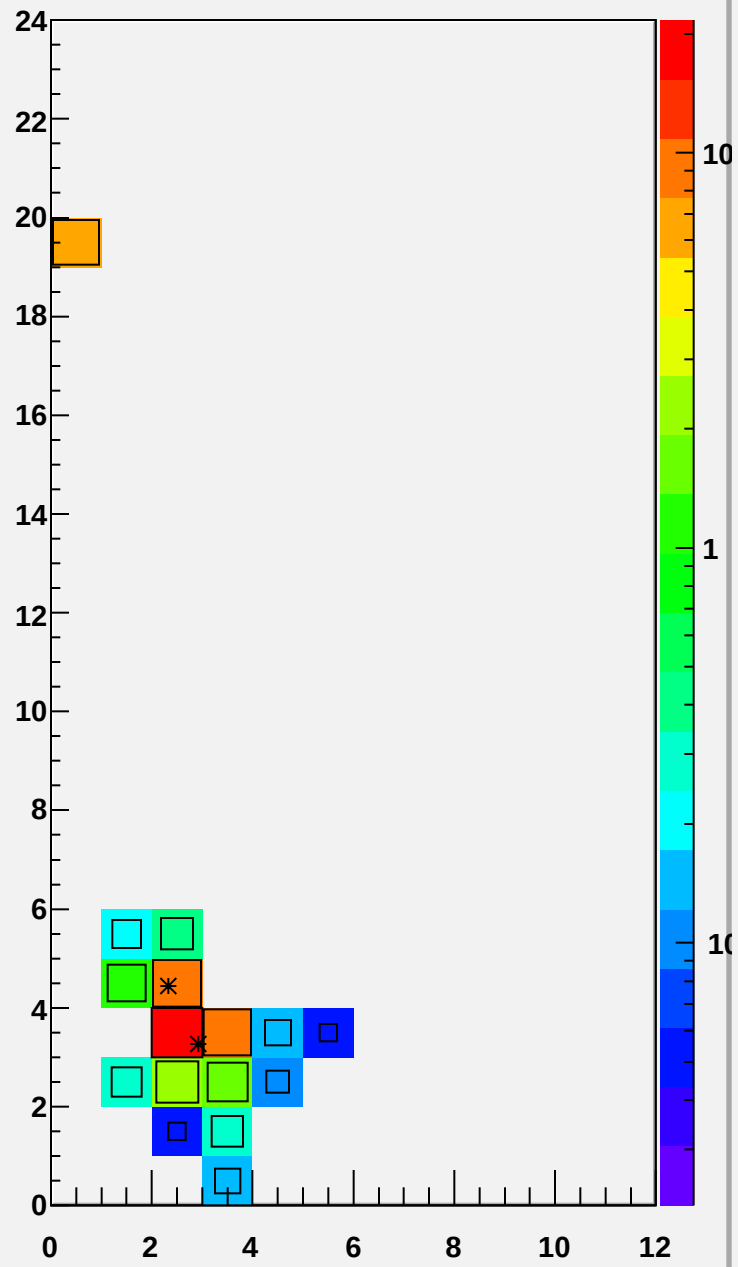
Fitted Energies



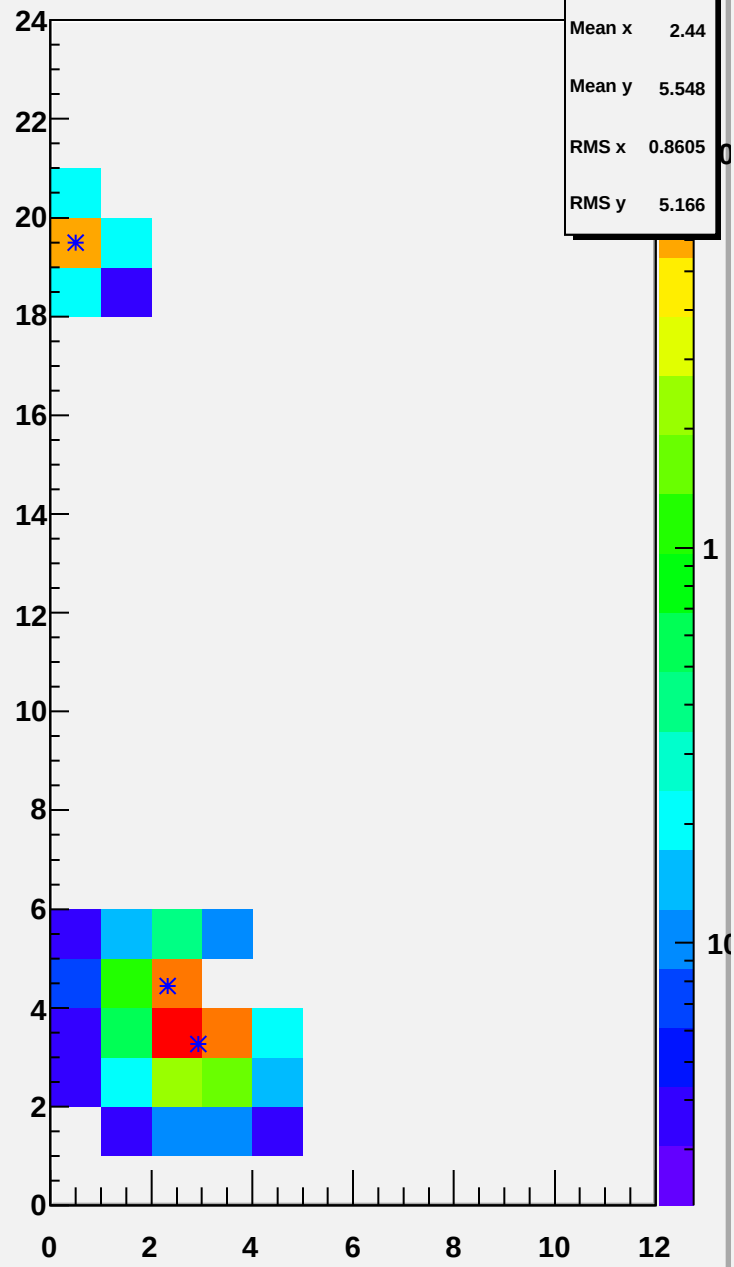
Efit

Entries	288
Mean x	2.135
Mean y	3.703
RMS x	0.7954
RMS y	0.5829

NSTB3_r4_c3_En=54.5_m0=0.154_m1=0.154_index=1401



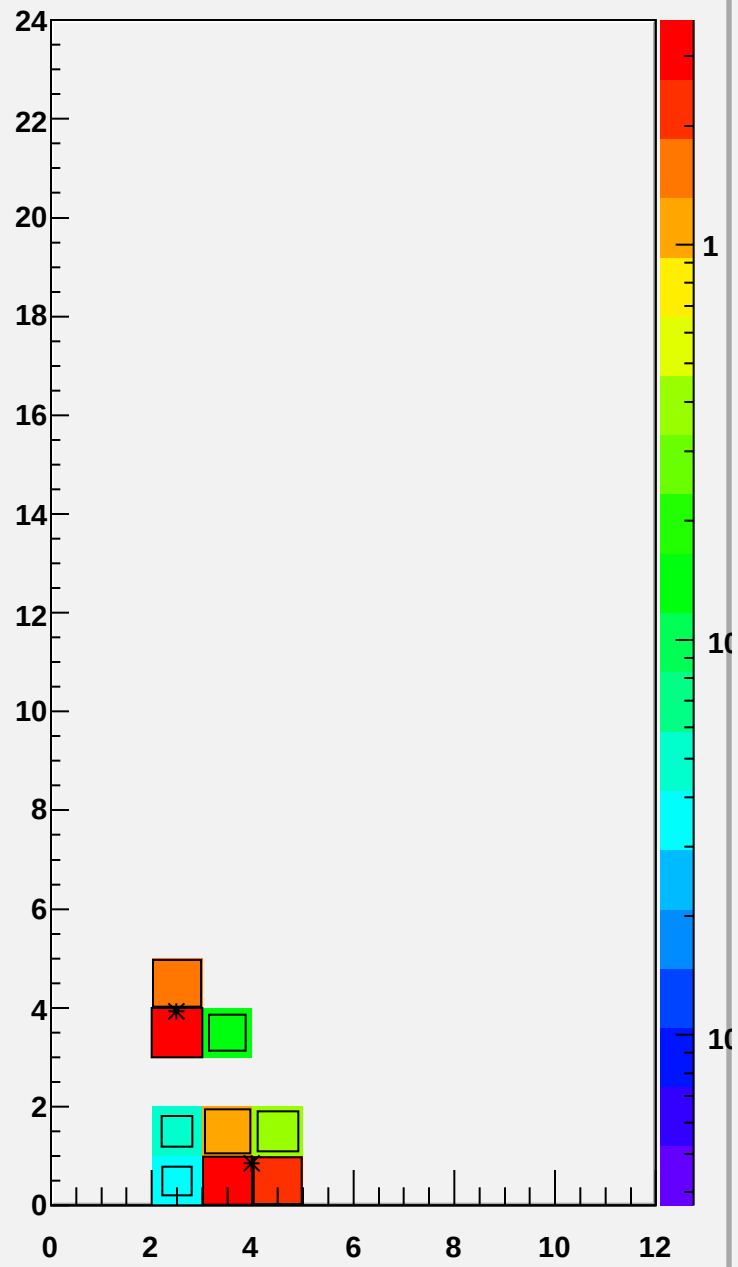
Fitted Energies



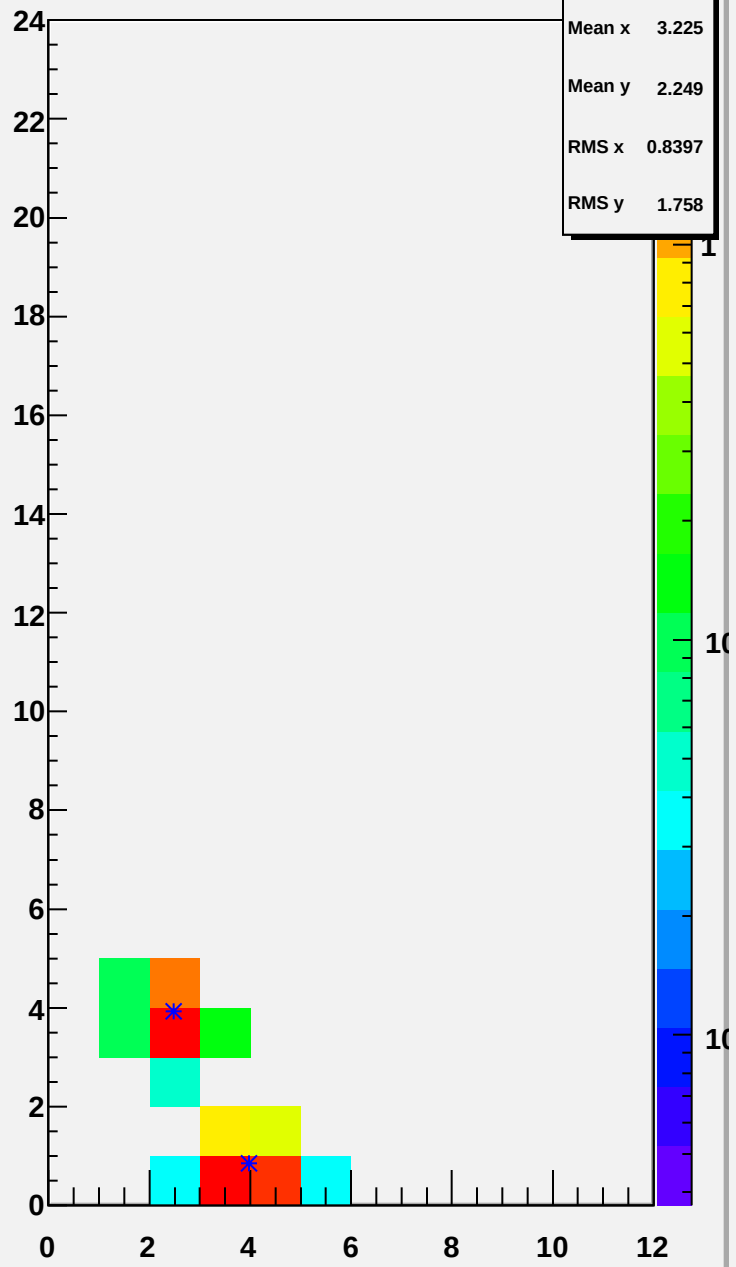
Efit

Entries	288
Mean x	2.44
Mean y	5.548
RMS x	0.8605
RMS y	5.166

NSTB3_r4_c3_En=11.8_m0=0.118_m1=0.117_index=1402



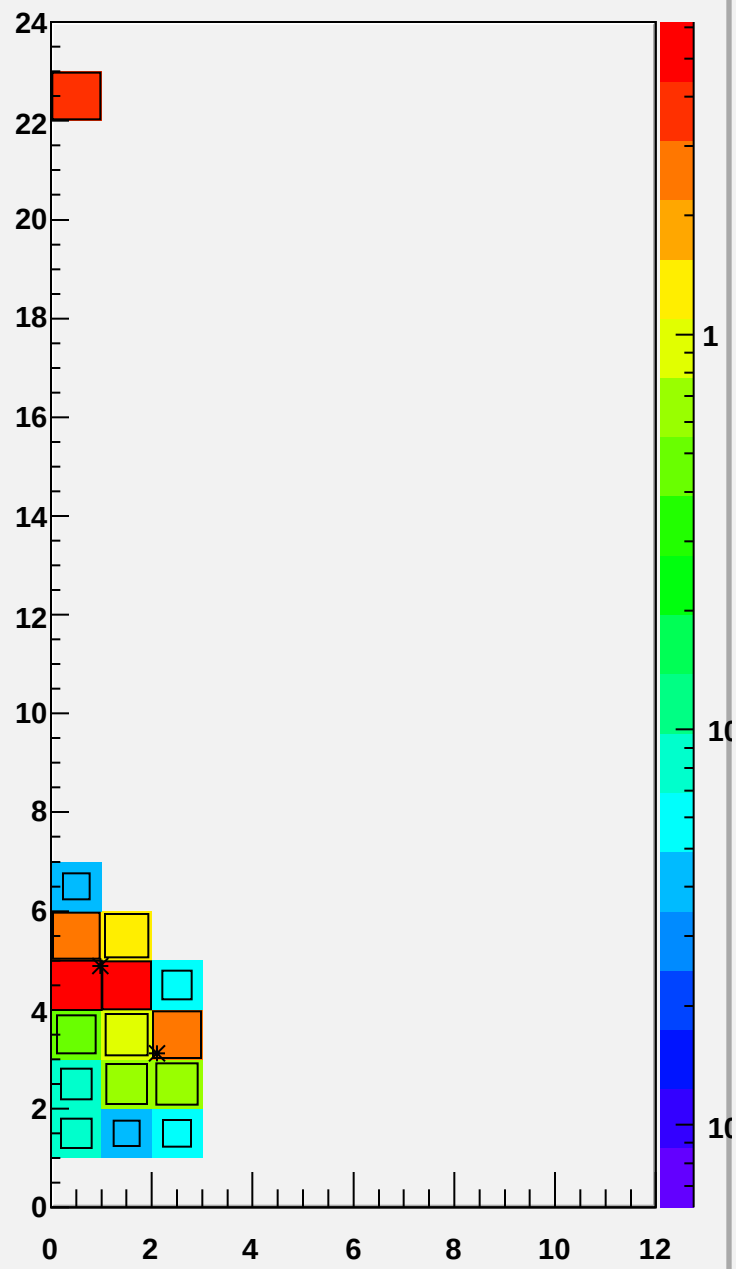
Fitted Energies



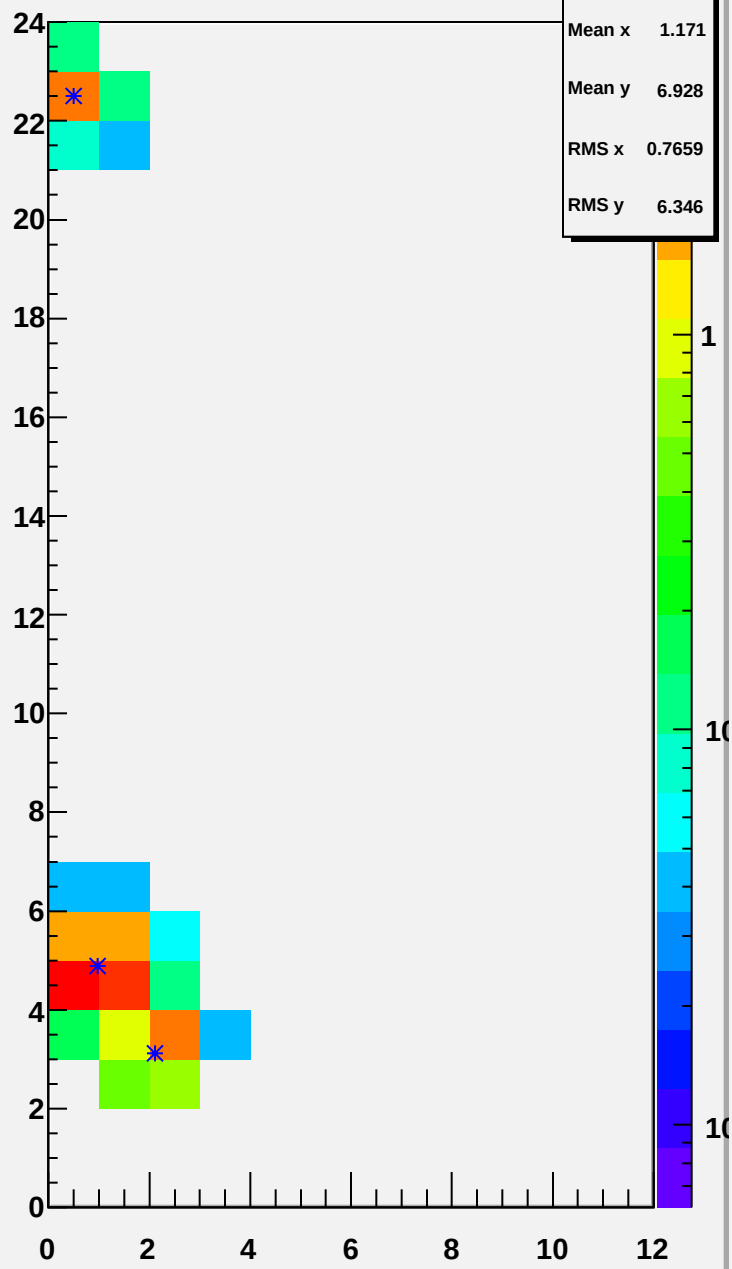
Efit

Entries	288
Mean x	3.225
Mean y	2.249
RMS x	0.8397
RMS y	1.758

NSTB3_r4_c3_En=23.1_m0=0.101 m1=0.101 index=1403



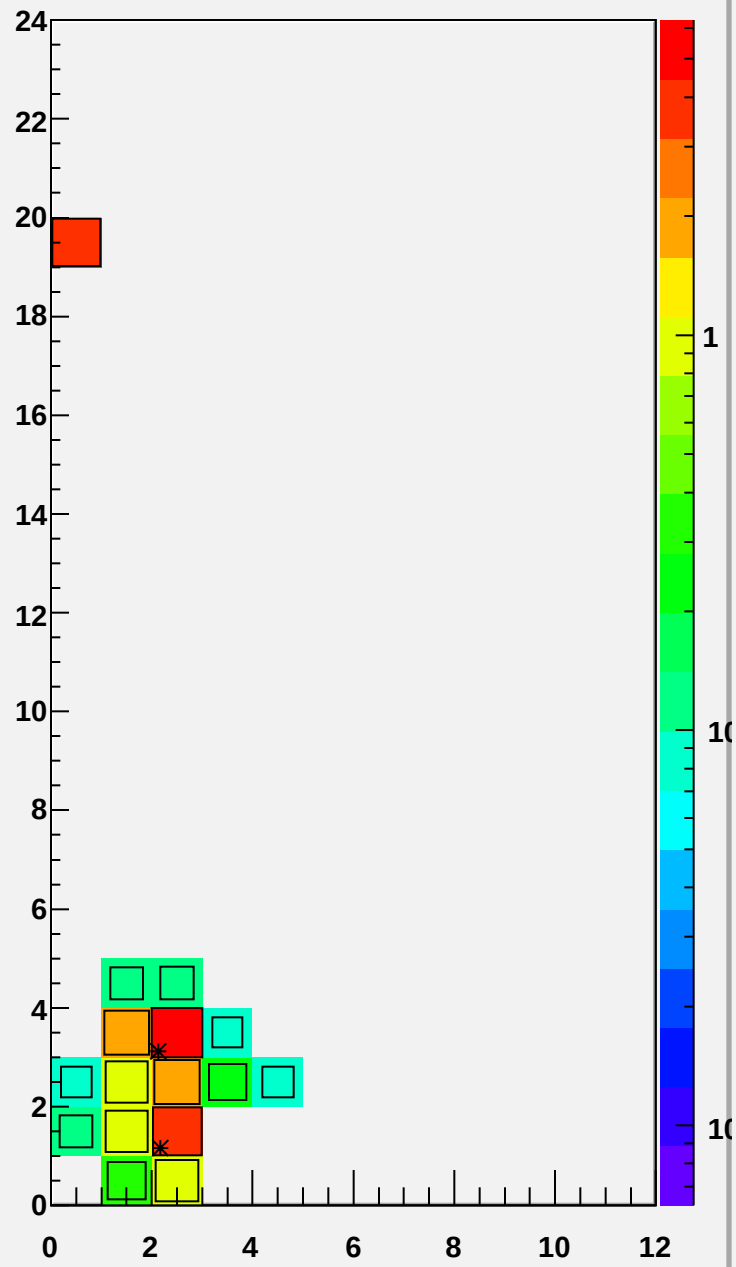
Fitted Energies



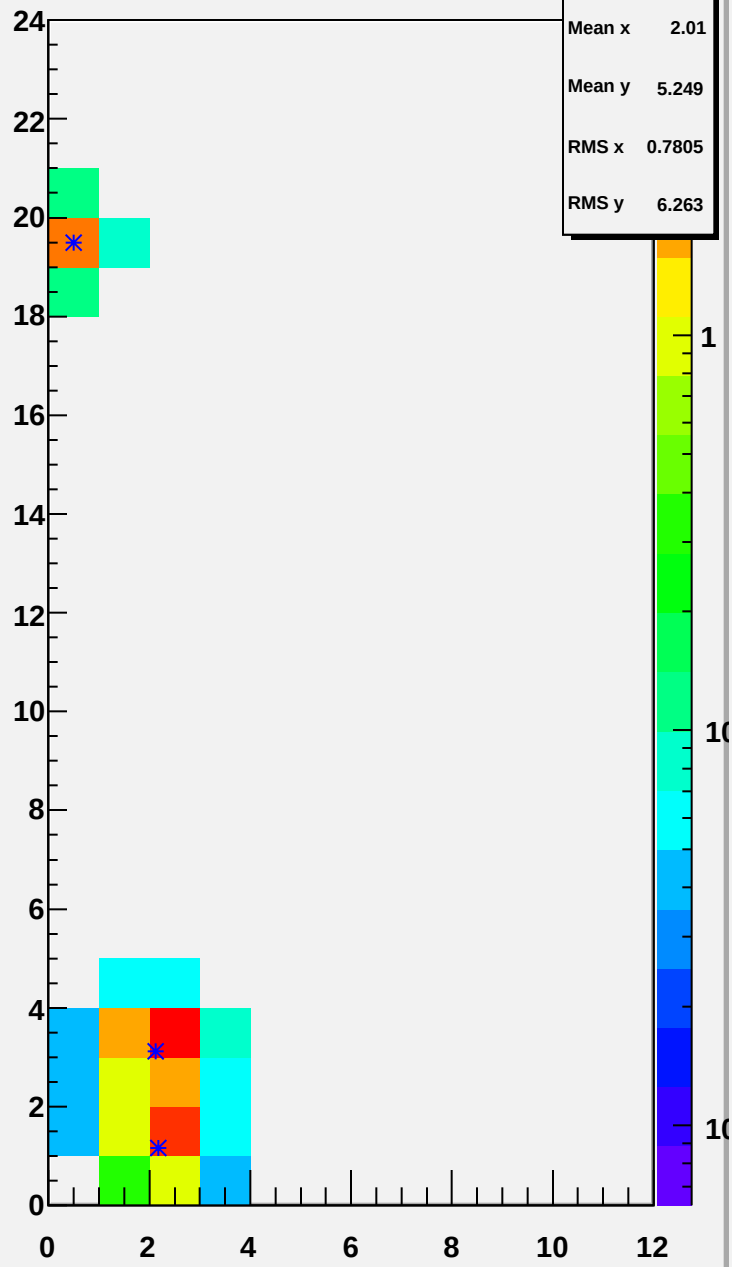
Efit

Entries	288
Mean x	1.171
Mean y	6.928
RMS x	0.7659
RMS y	6.346

NSTB3_r4_c3_En=20.5_m0=0.090 m1=0.090 index=1405



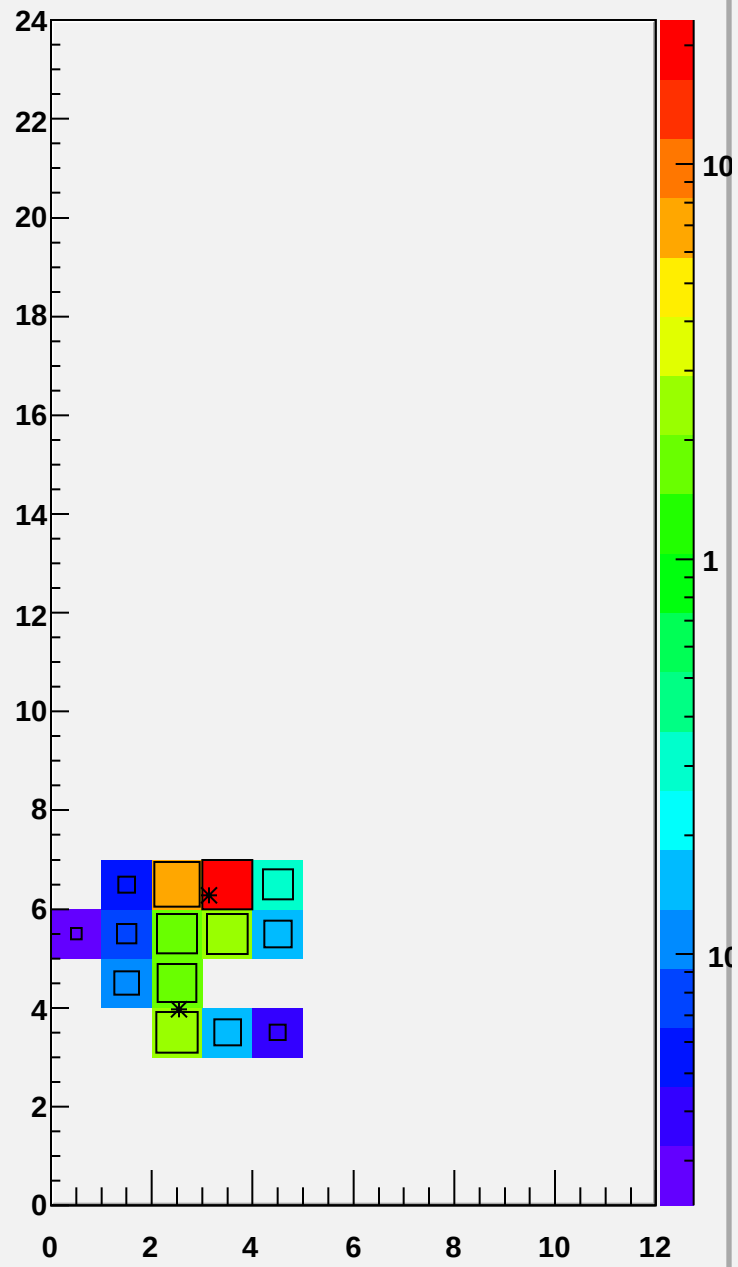
Fitted Energies



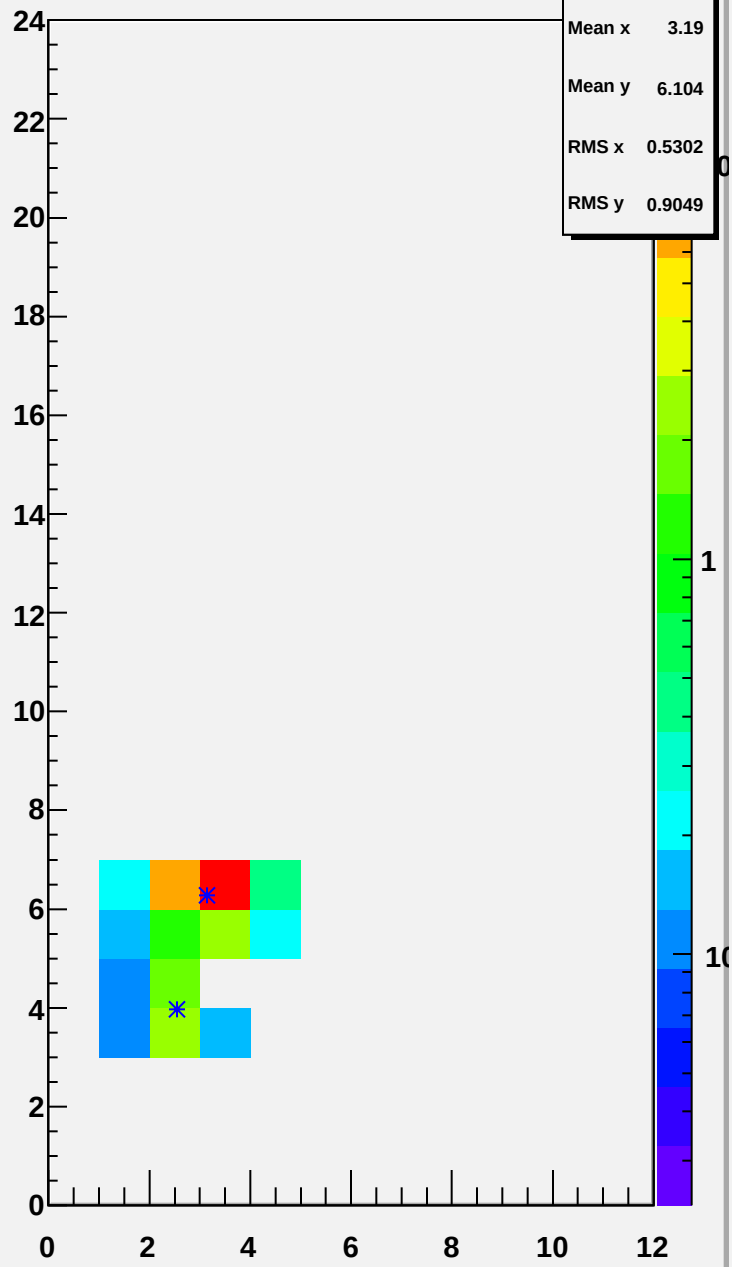
Efit

Entries	288
Mean x	2.01
Mean y	5.249
RMS x	0.7805
RMS y	6.263

NSTB3_r4_c3_En=37.7_m0=0.167 m1=0.167 index=1406



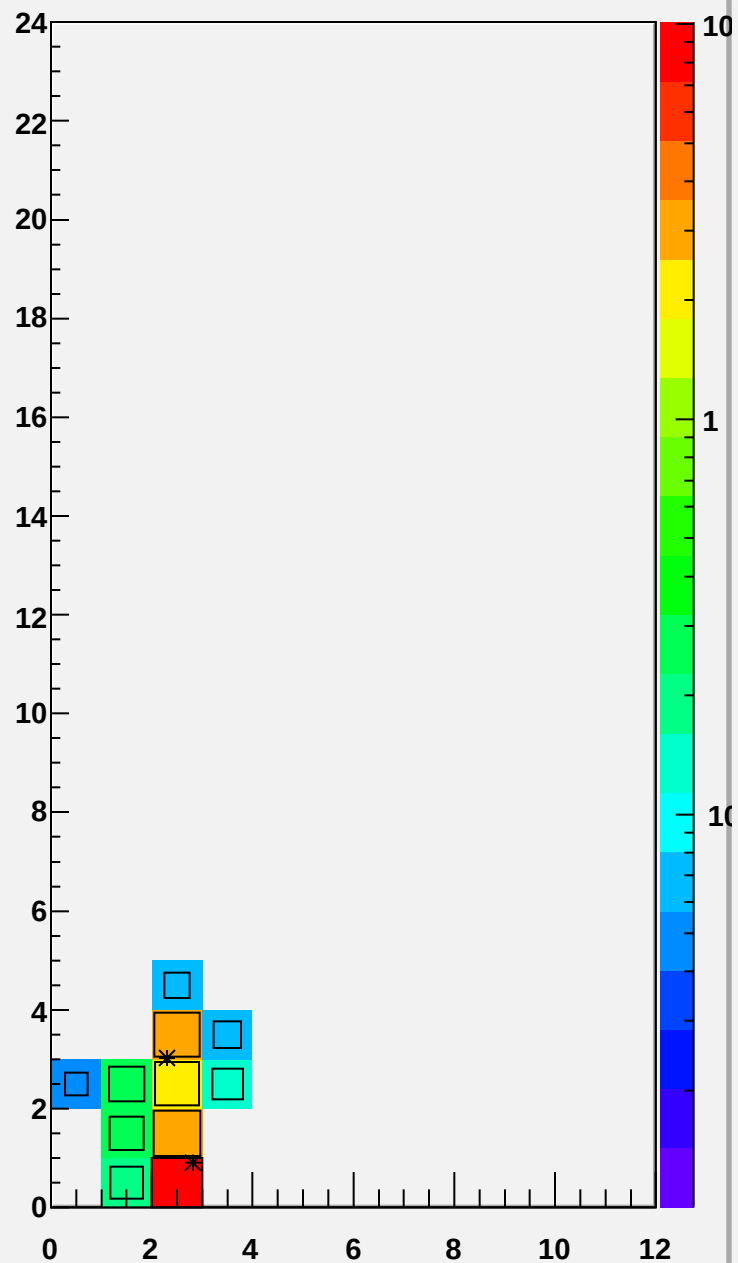
Fitted Energies



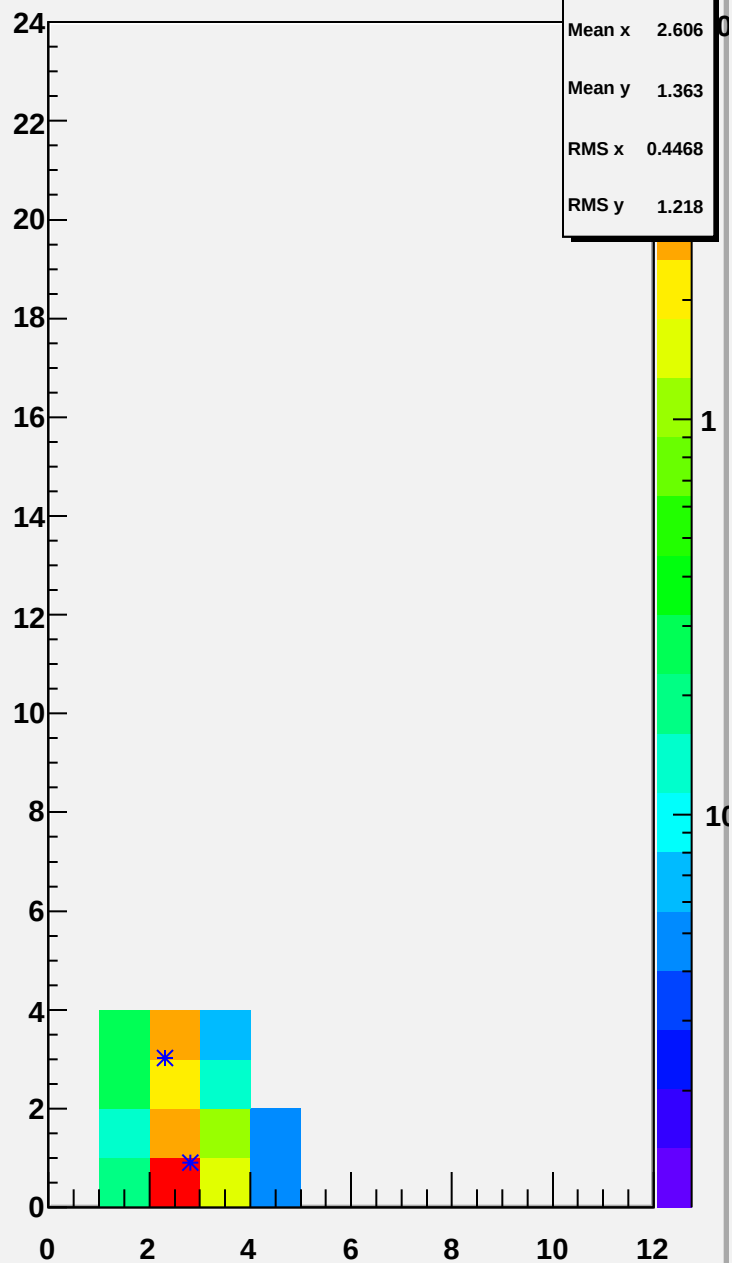
Efit

Entries	288
Mean x	3.19
Mean y	6.104
RMS x	0.5302
RMS y	0.9049

NSTB3_r4_c3_En=19.2_m0=0.119 m1=0.119 index=1407



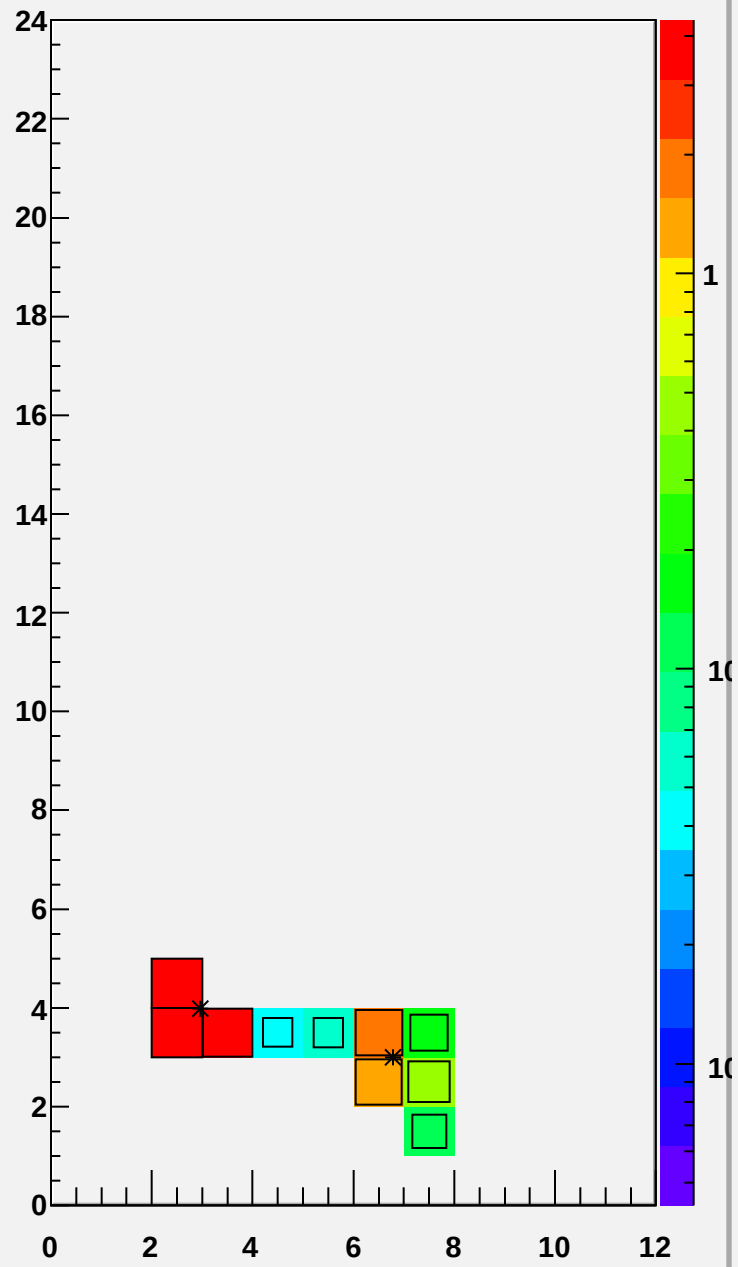
Fitted Energies



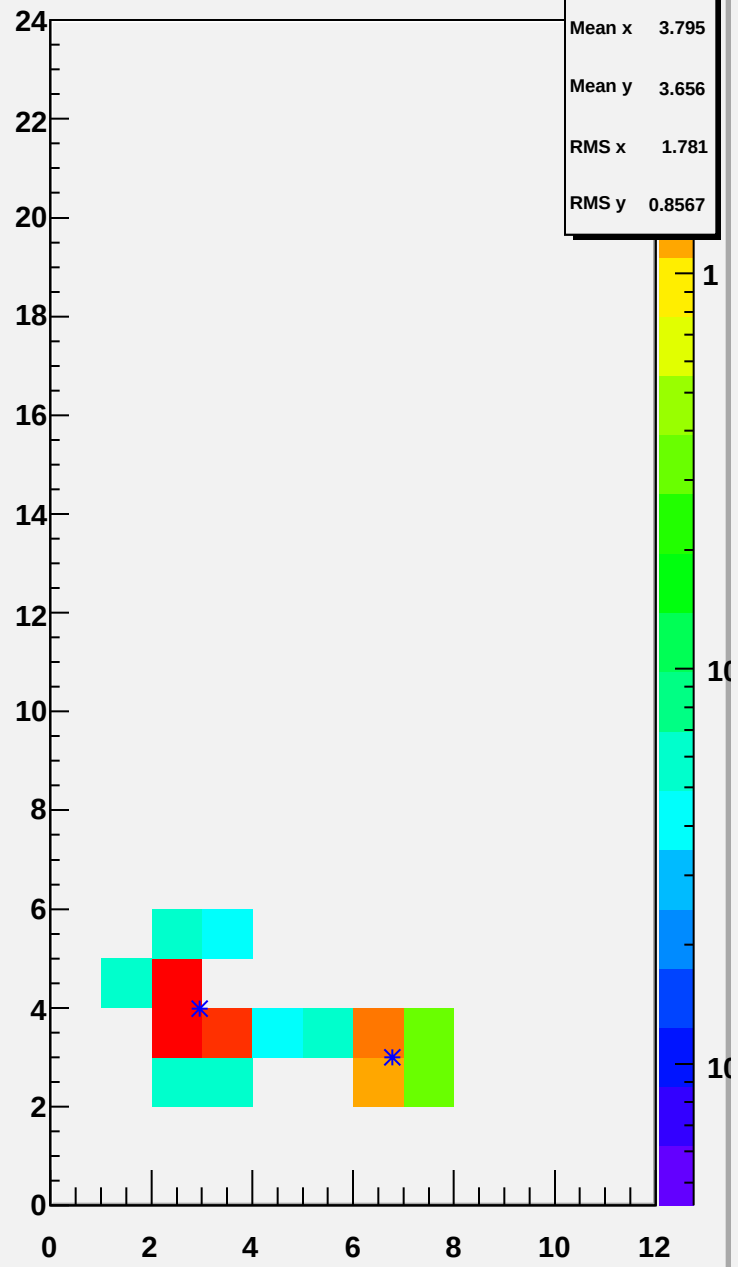
Efit

Entries	288
Mean x	2.606
Mean y	1.363
RMS x	0.4468
RMS y	1.218

NSTB3_r4_c3_En=15.7_m0=0.157 m1=0.157 index=1409



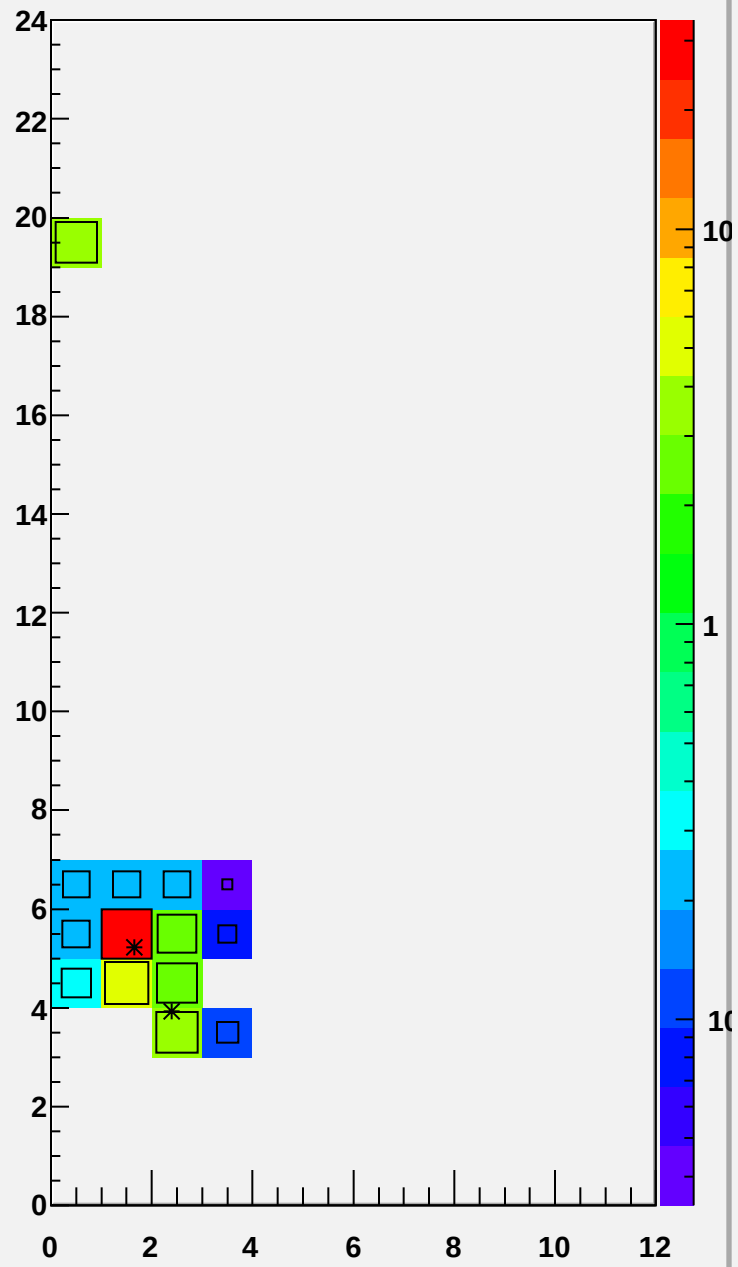
Fitted Energies



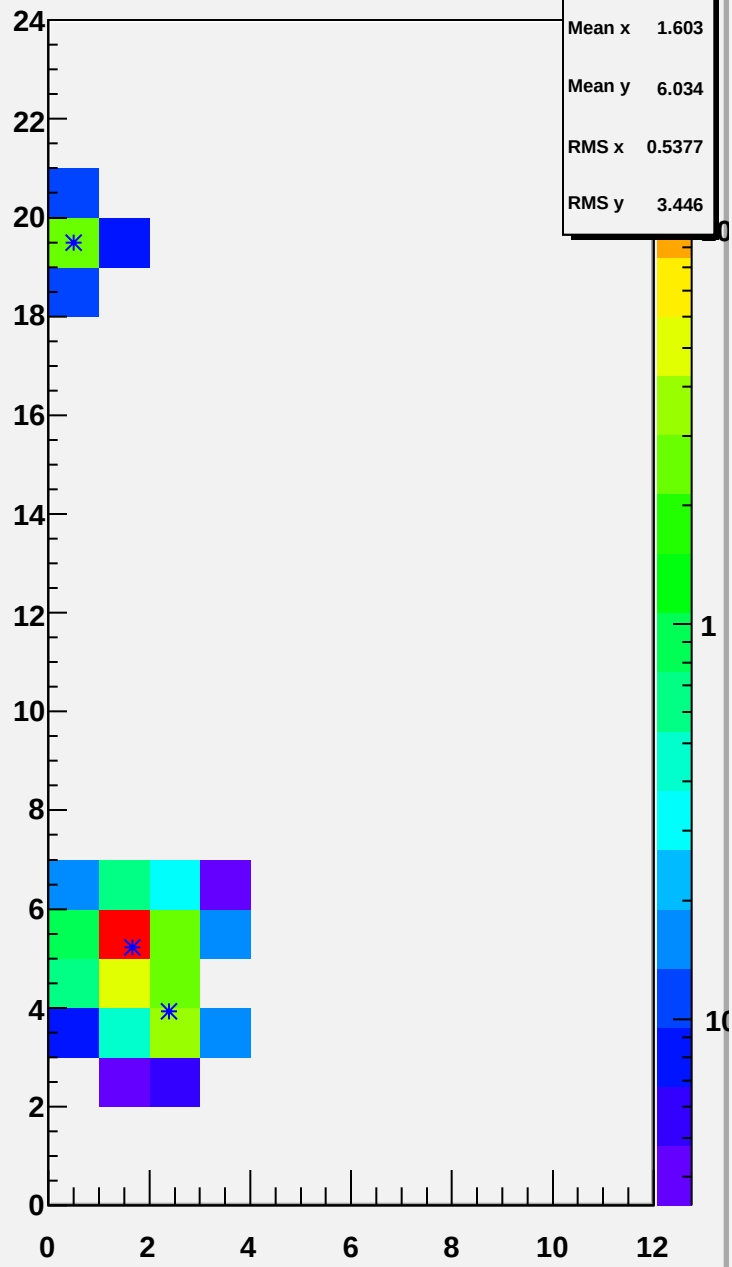
Efit

Entries	288
Mean x	3.795
Mean y	3.656
RMS x	1.781
RMS y	0.8567

NSTB3_r4_c3_En=52.2_m0=0.134 m1=0.135 index=1410



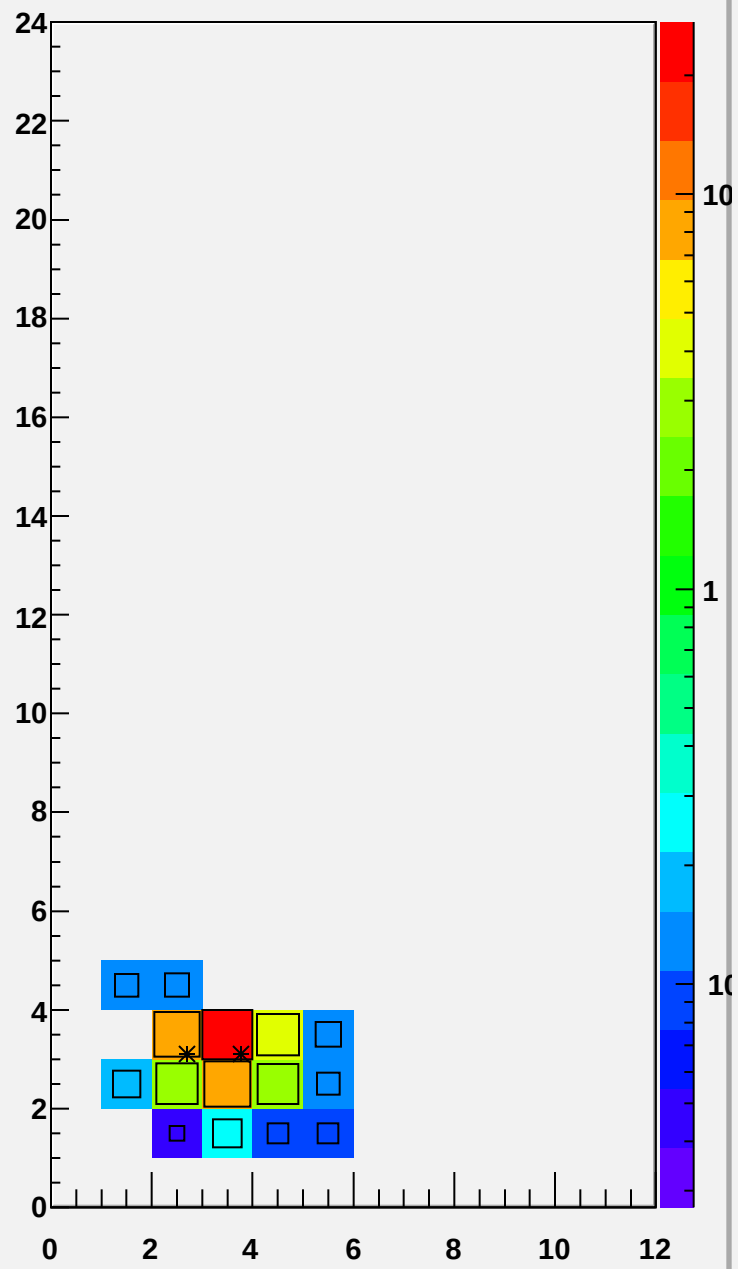
Fitted Energies



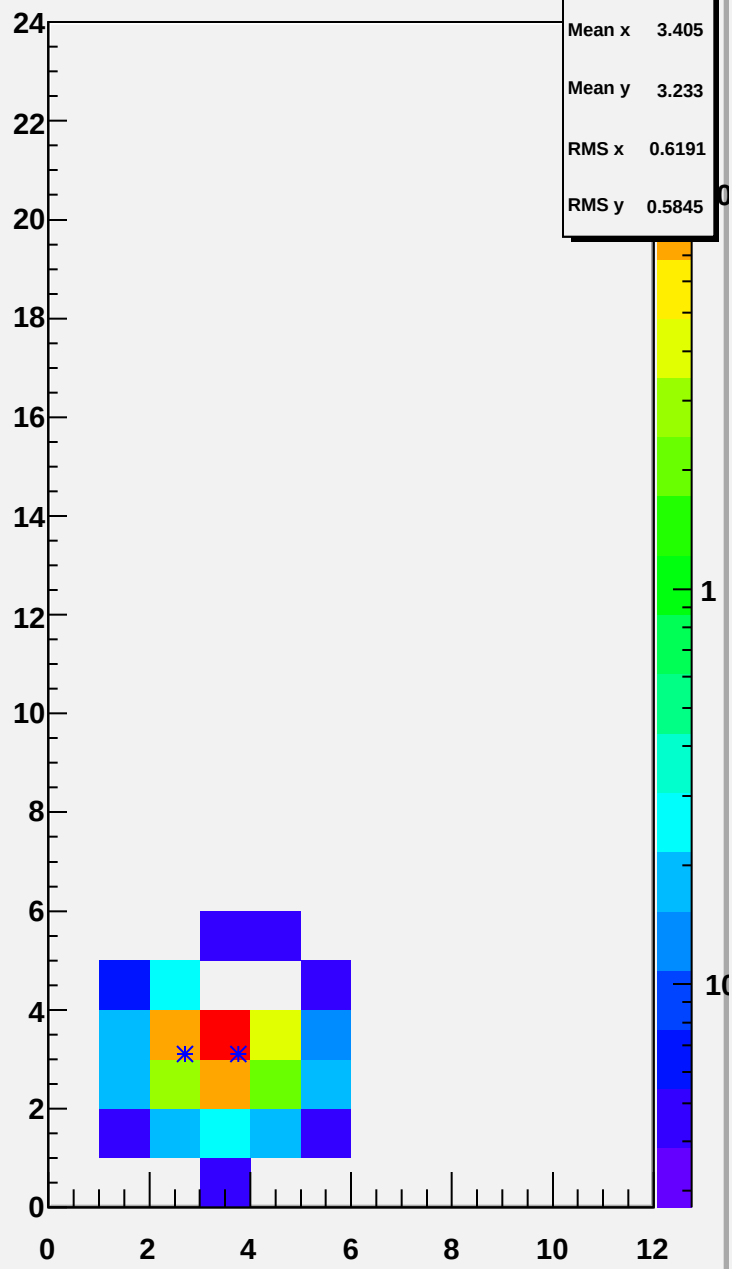
Efit

Entries	288
Mean x	1.603
Mean y	6.034
RMS x	0.5377
RMS y	3.446

NSTB3_r4_c3_En=54.2_m0=0.132 m1=0.132 index=1411



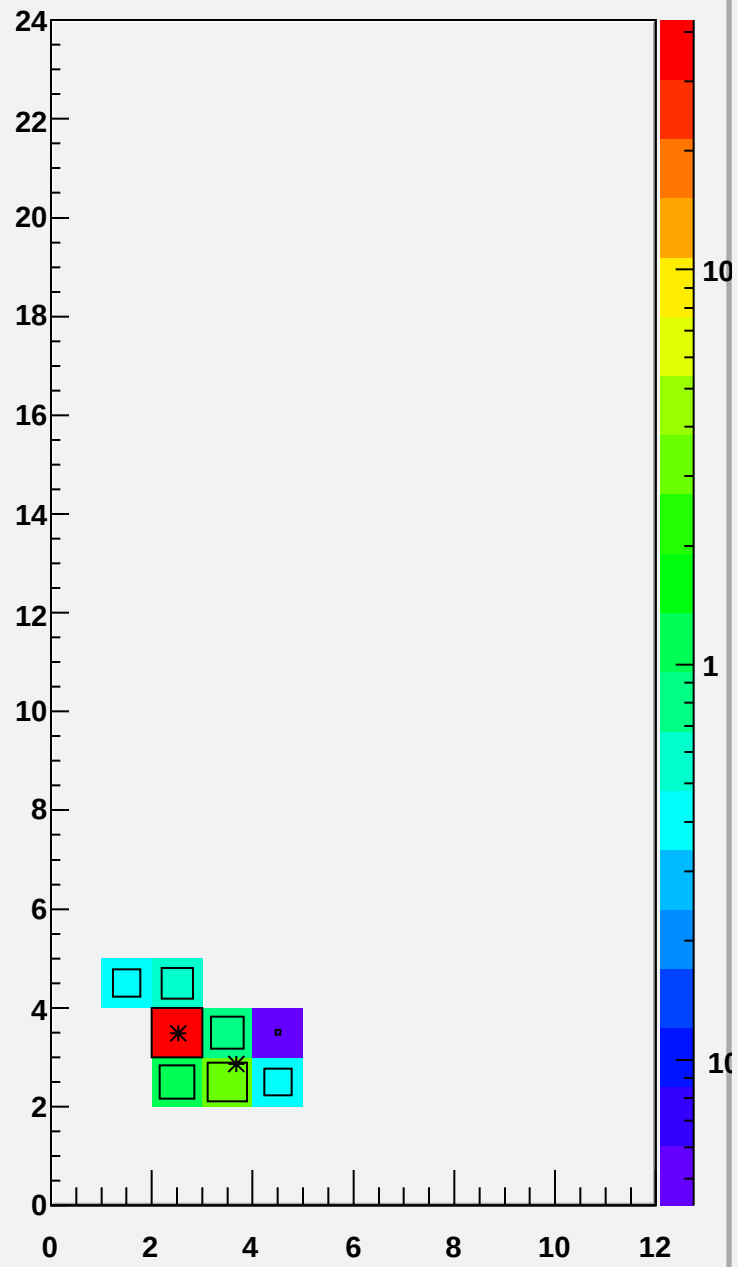
Fitted Energies



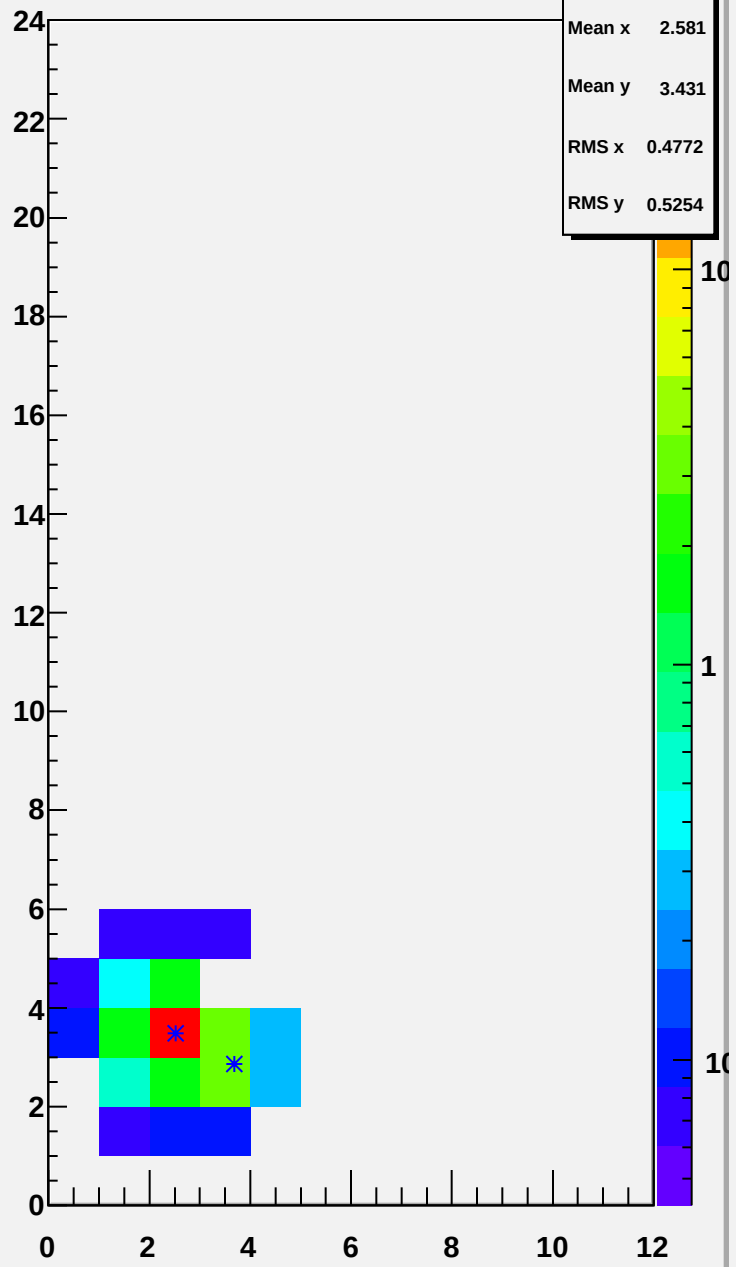
Efit

Entries	288
Mean x	3.405
Mean y	3.233
RMS x	0.6191
RMS y	0.5845

NSTB3_r4_c3_En=48.8_m0=0.103 m1=0.104 index=1412



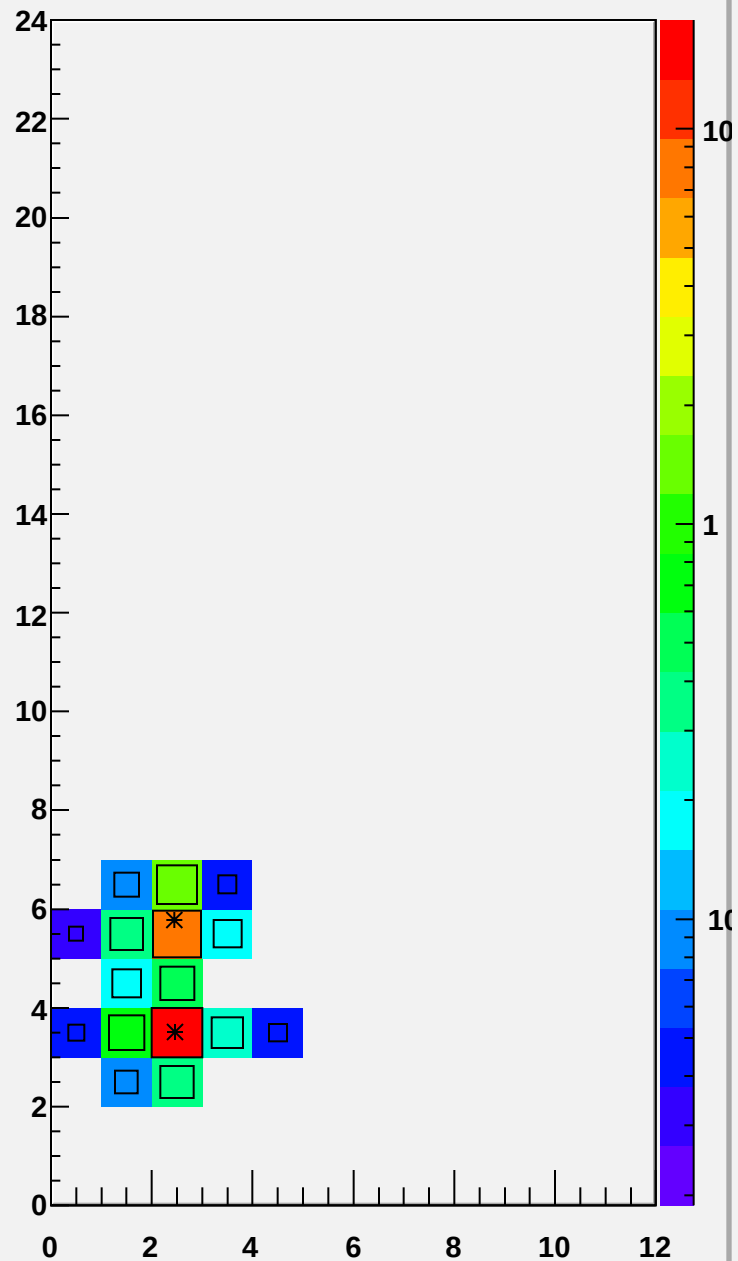
Fitted Energies



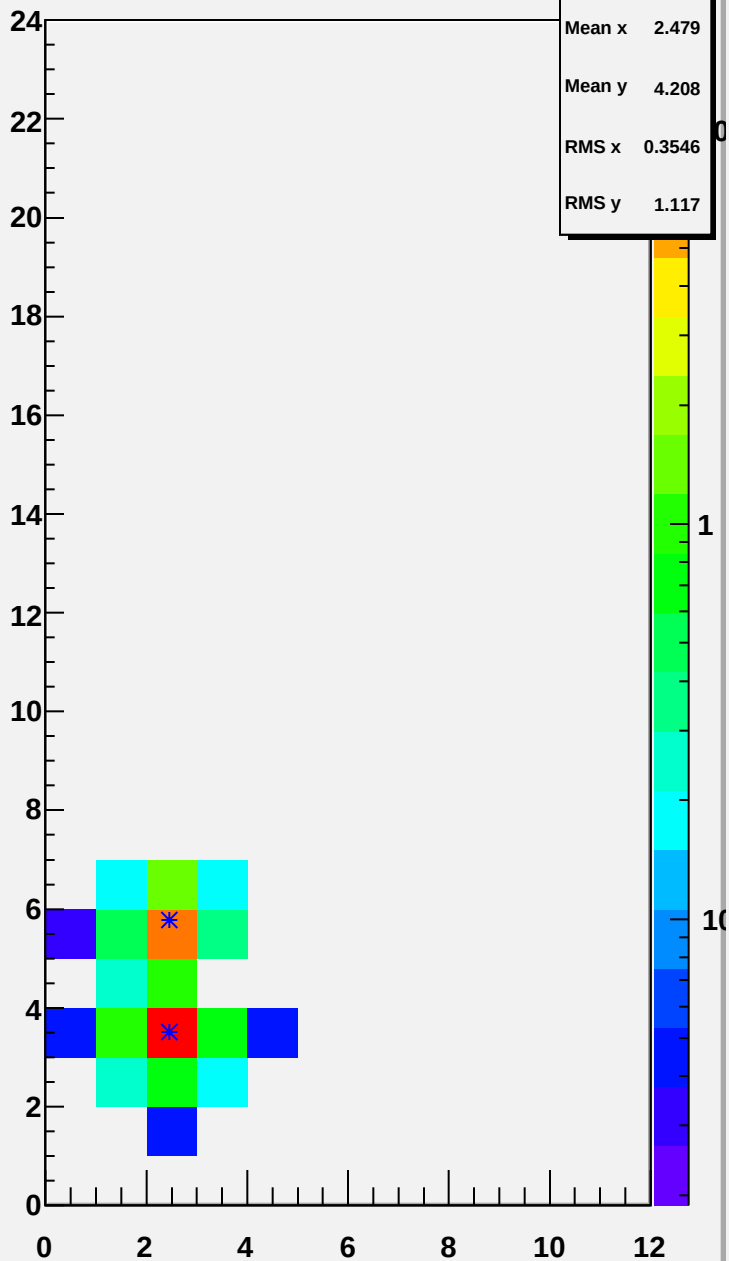
Efit

Entries	288
Mean x	2.581
Mean y	3.431
RMS x	0.4772
RMS y	0.5254

NSTB3_r4_c3_En=31.4_m0=0.200 m1=0.200 index=1413



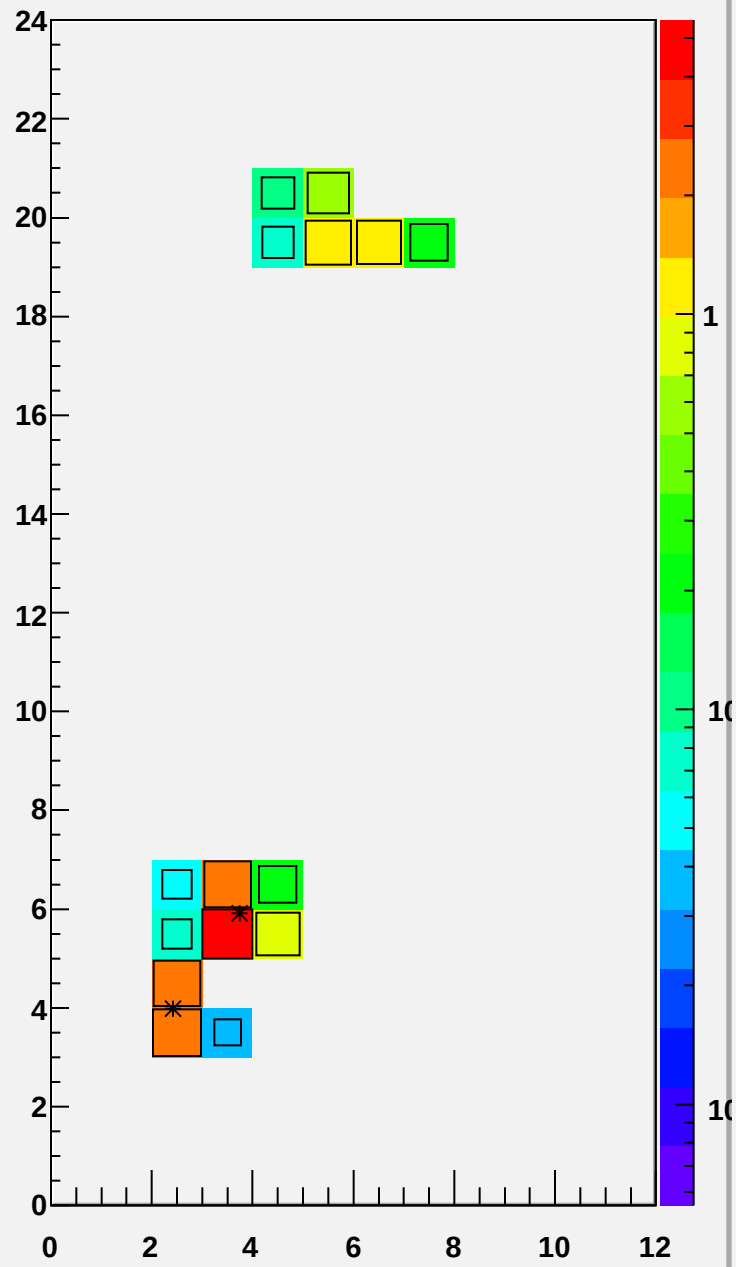
Fitted Energies



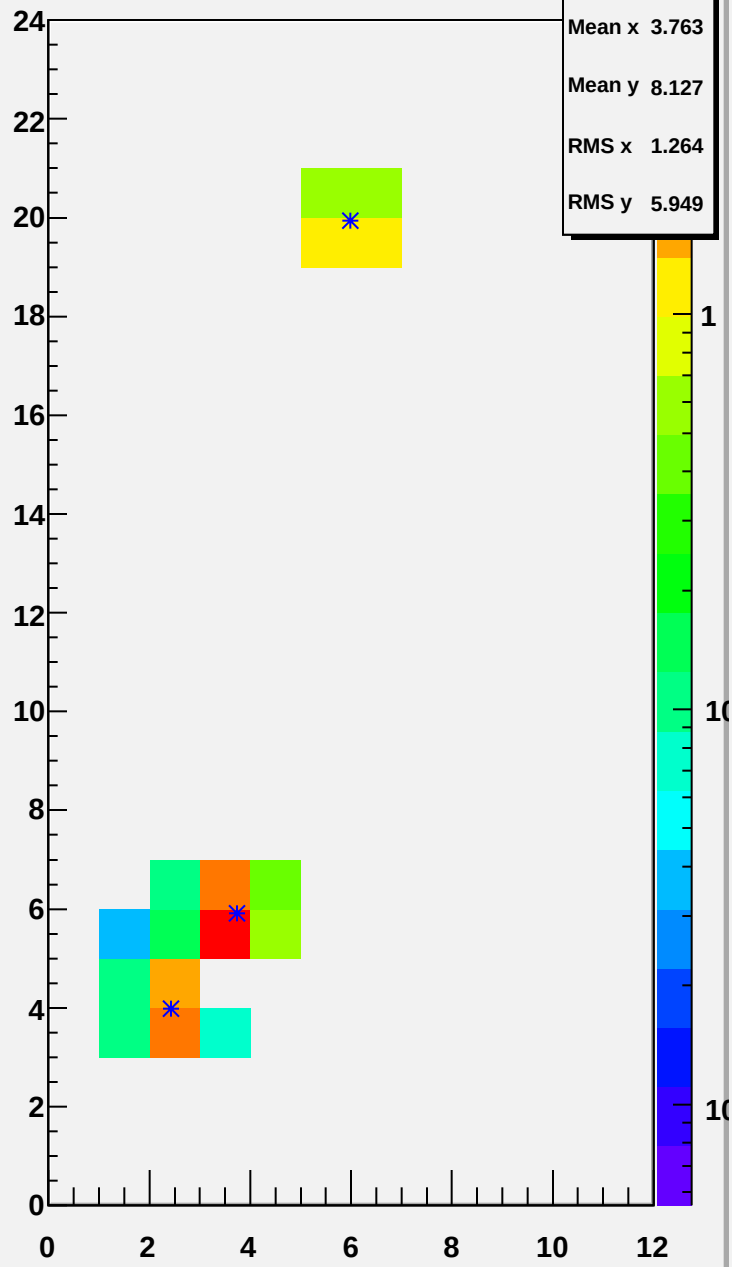
Efit

Entries	288
Mean x	2.479
Mean y	4.208
RMS x	0.3546
RMS y	1.117

NSTB3_r4_c3_En=17.0_m0=0.088 m1=0.088 index=1414



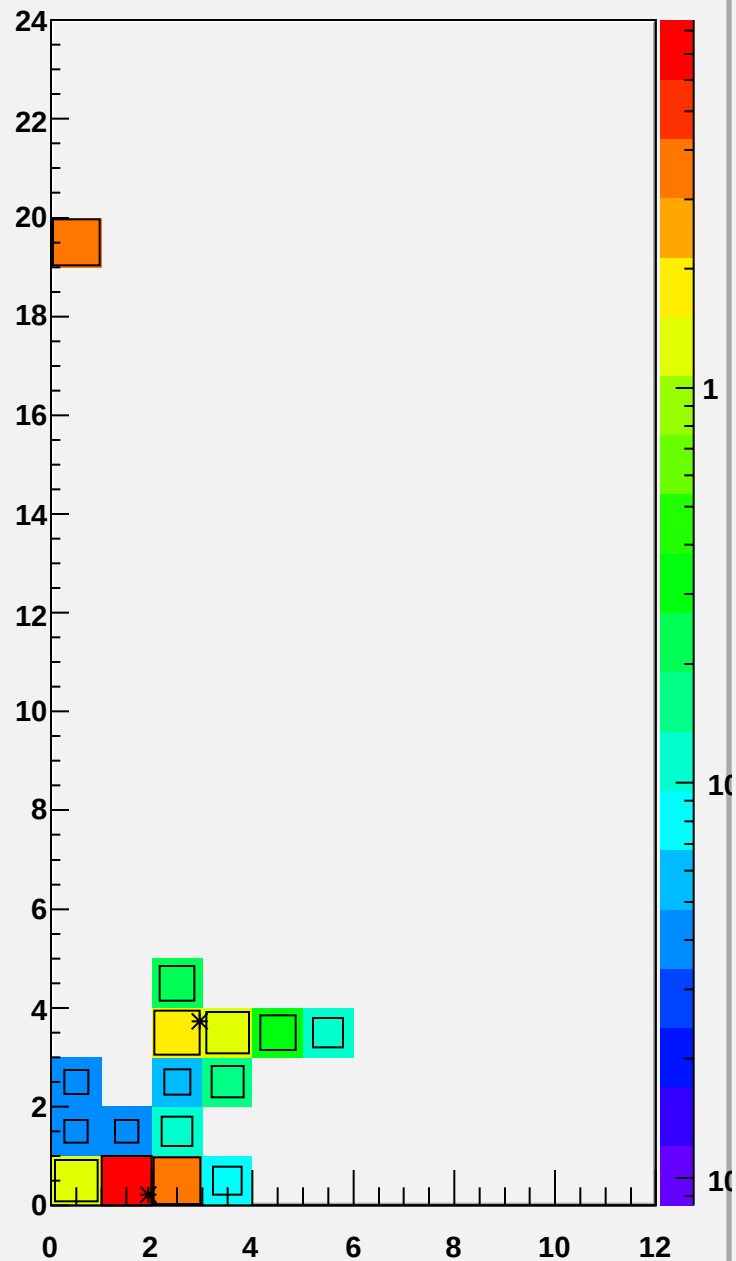
Fitted Energies



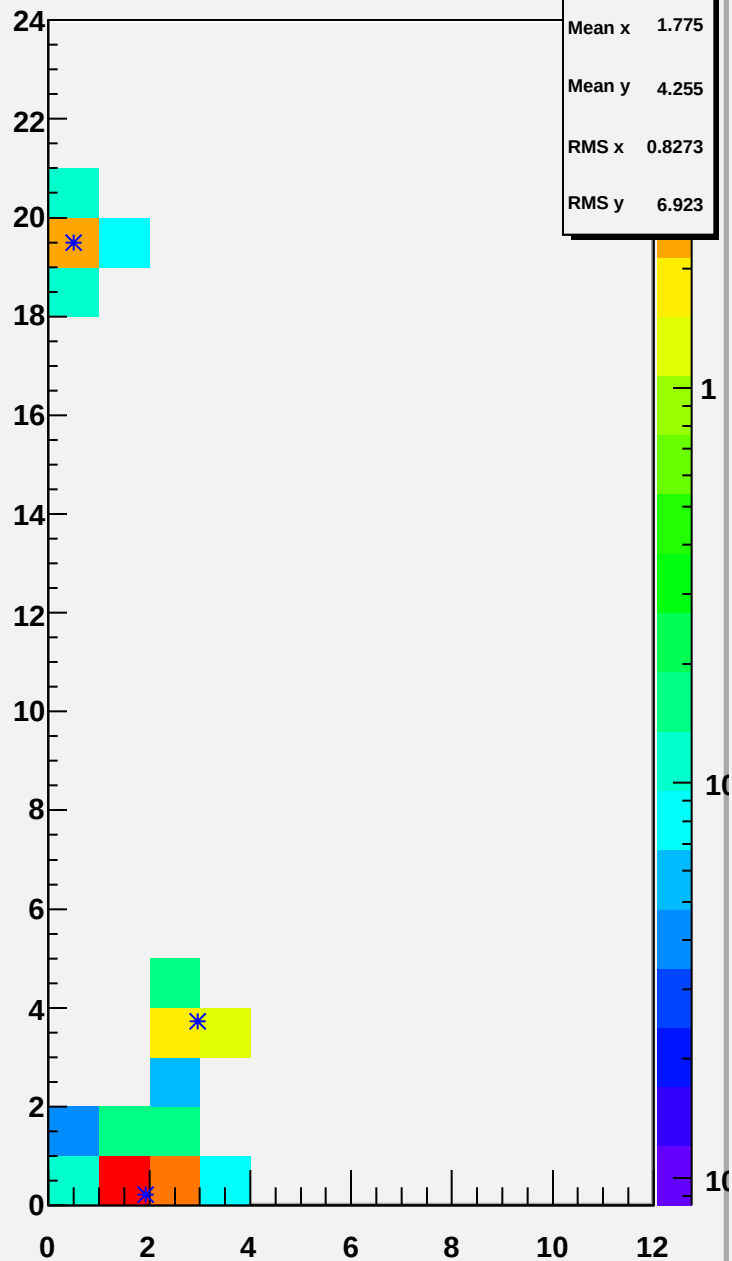
Efit

Entries 288
Mean x 3.763
Mean y 8.127
RMS x 1.264
RMS y 5.949

NSTB3_r4_c3_En=20.8_m0=0.154_m1=0.154_index=1415



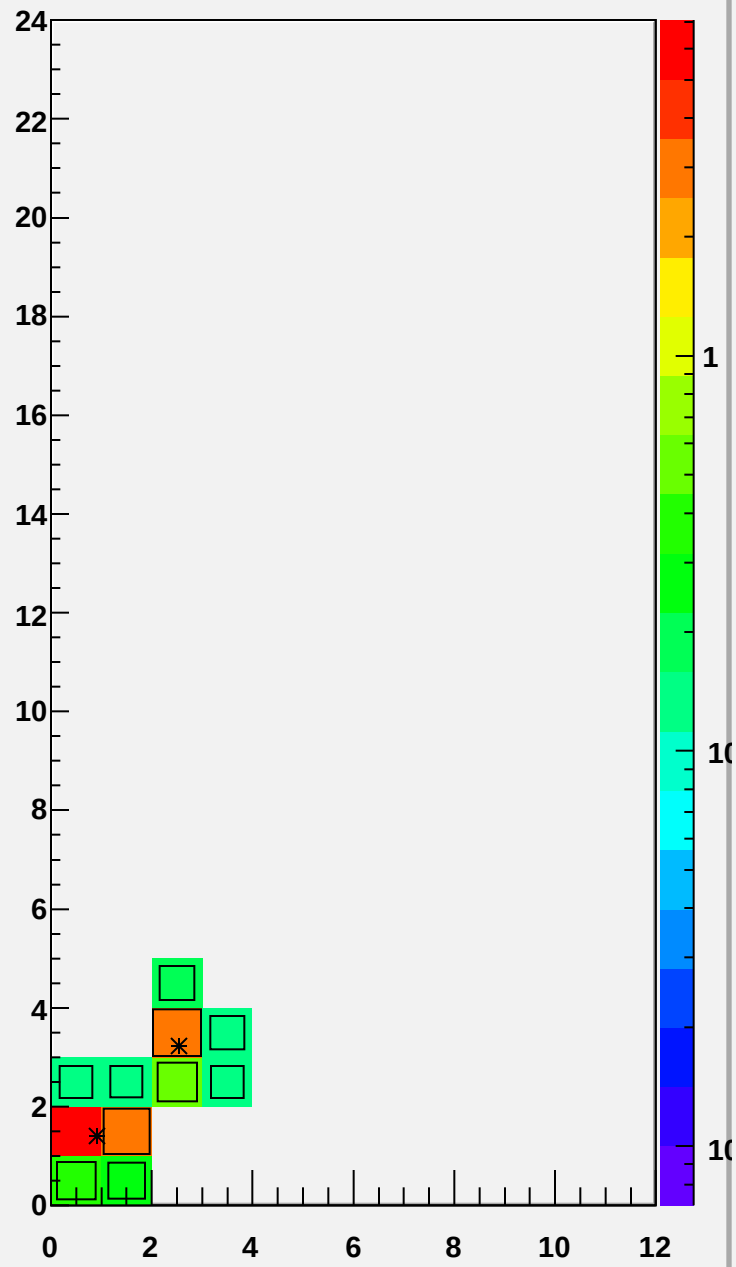
Fitted Energies



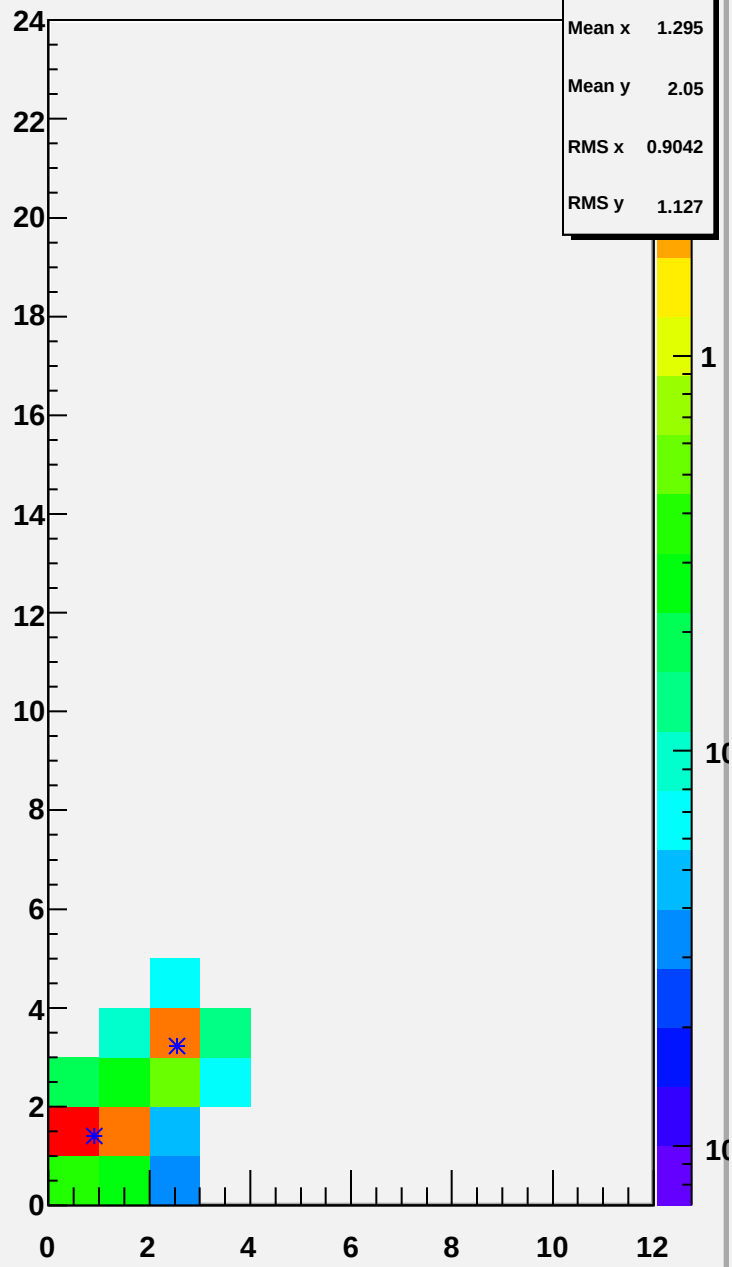
Efit

Entries	288
Mean x	1.775
Mean y	4.255
RMS x	0.8273
RMS y	6.923

NSTB3_r4_c3_En=14.9_m0=0.095 m1=0.095 index=1416



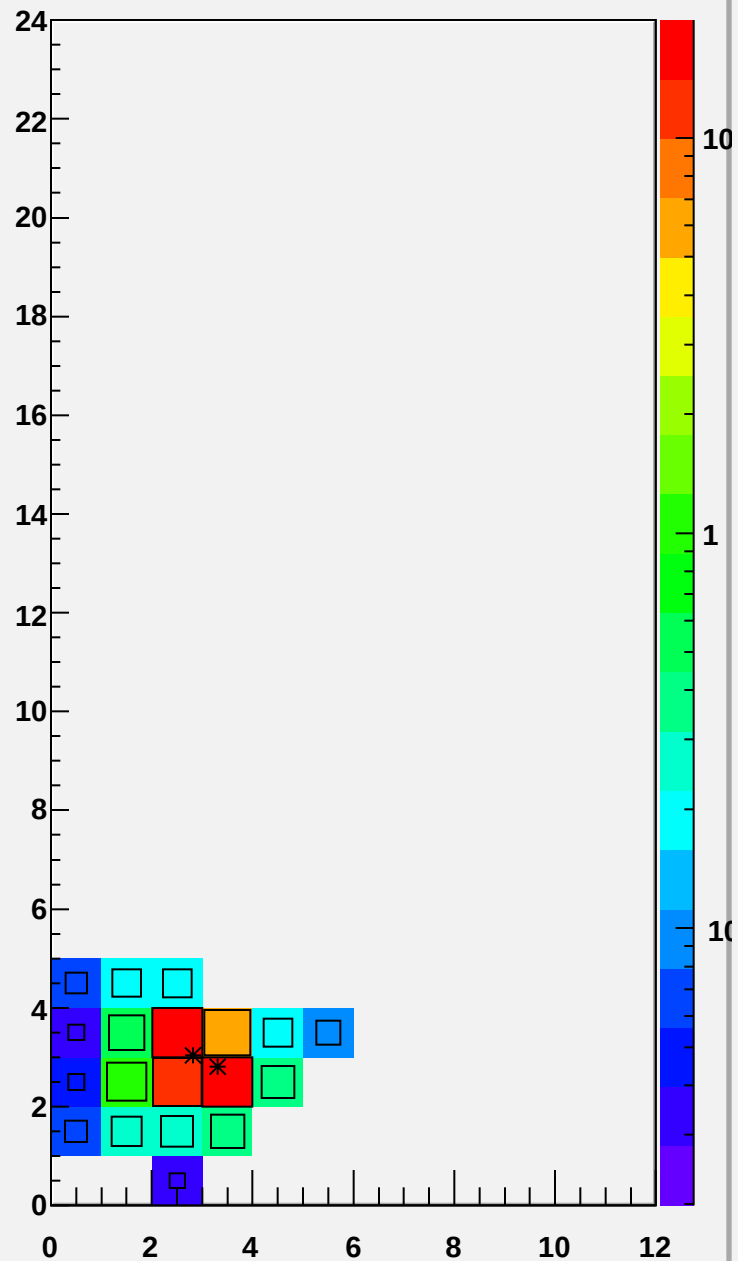
Fitted Energies



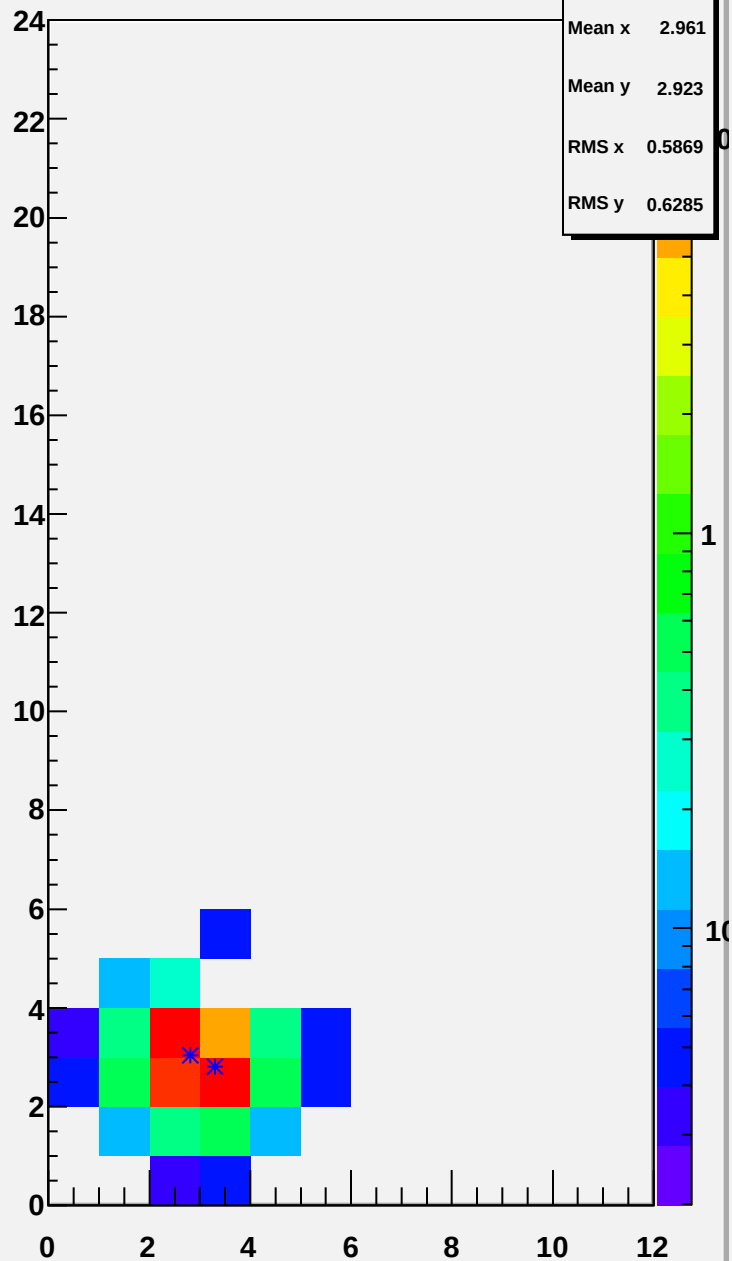
Efit

Entries	288
Mean x	1.295
Mean y	2.05
RMS x	0.9042
RMS y	1.127

NSTB3_r4_c3_En=60.7_m0=0.088 m1=0.087 index=1418



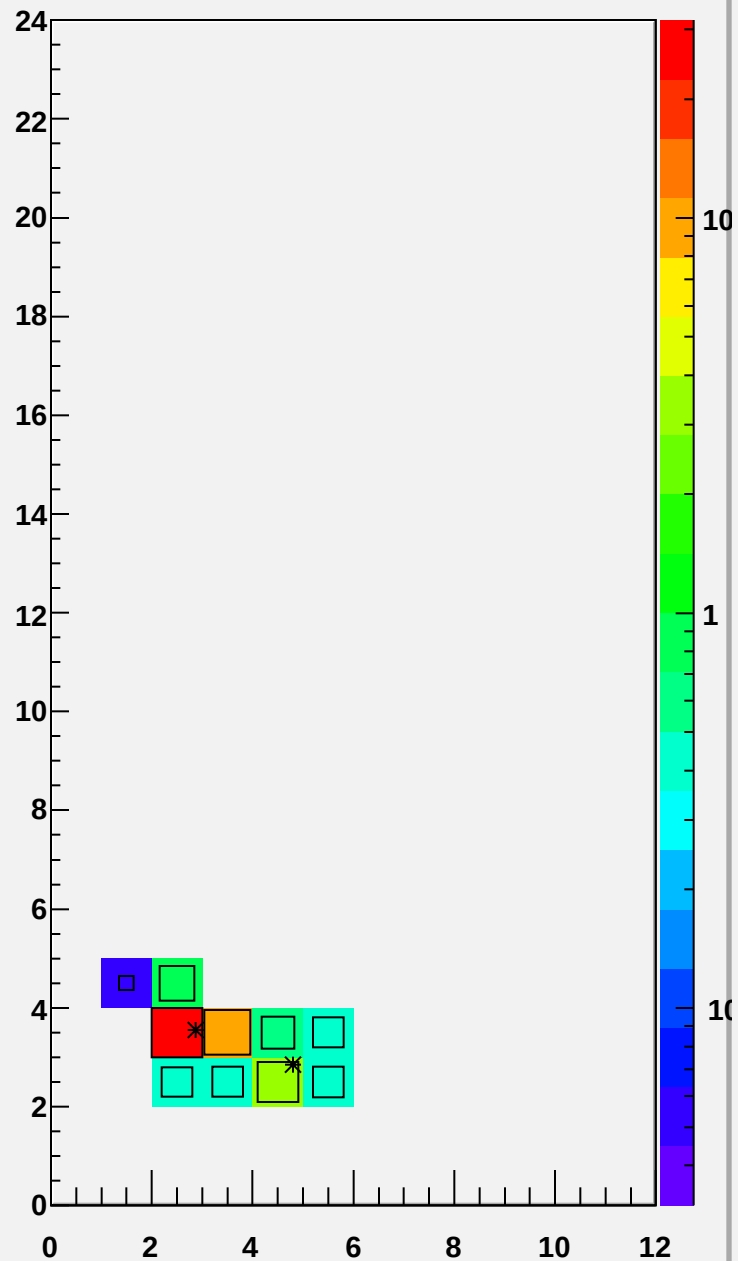
Fitted Energies



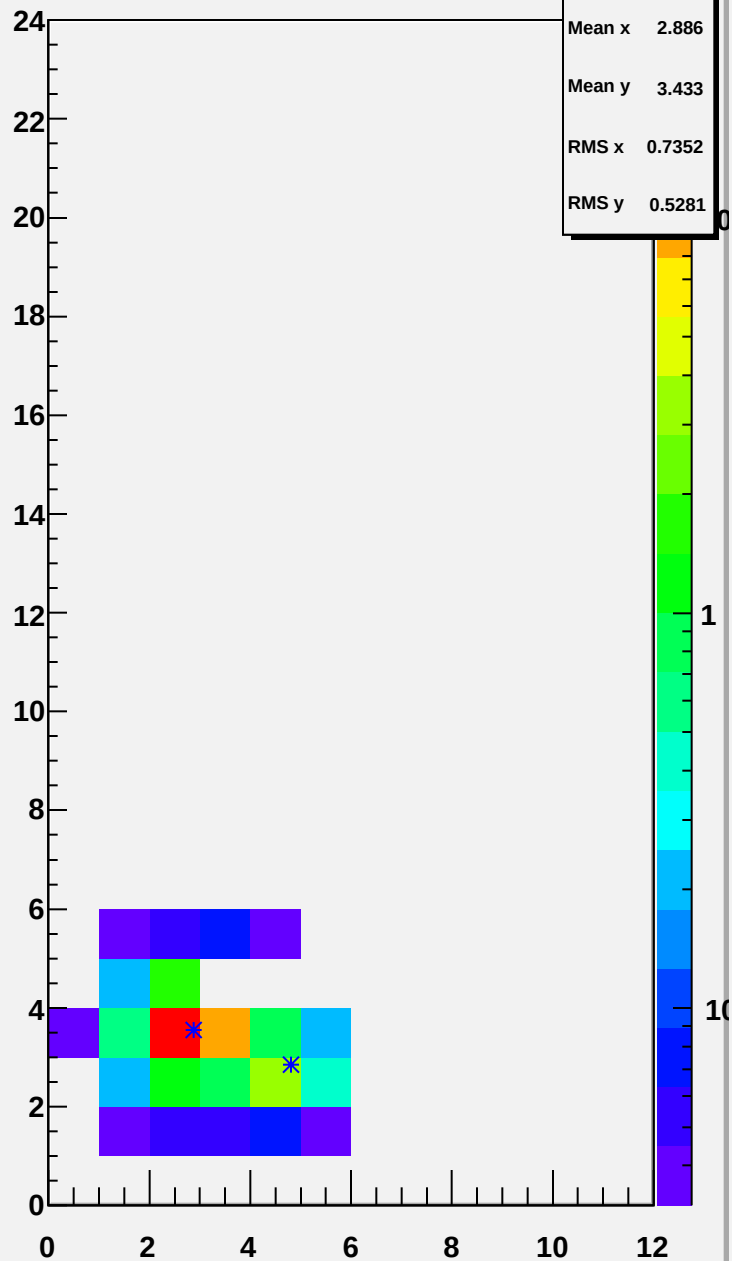
Efit

Entries	288
Mean x	2.961
Mean y	2.923
RMS x	0.5869
RMS y	0.6285

NSTB3_r4_c3_En=46.8_m0=0.159 m1=0.159 index=1419



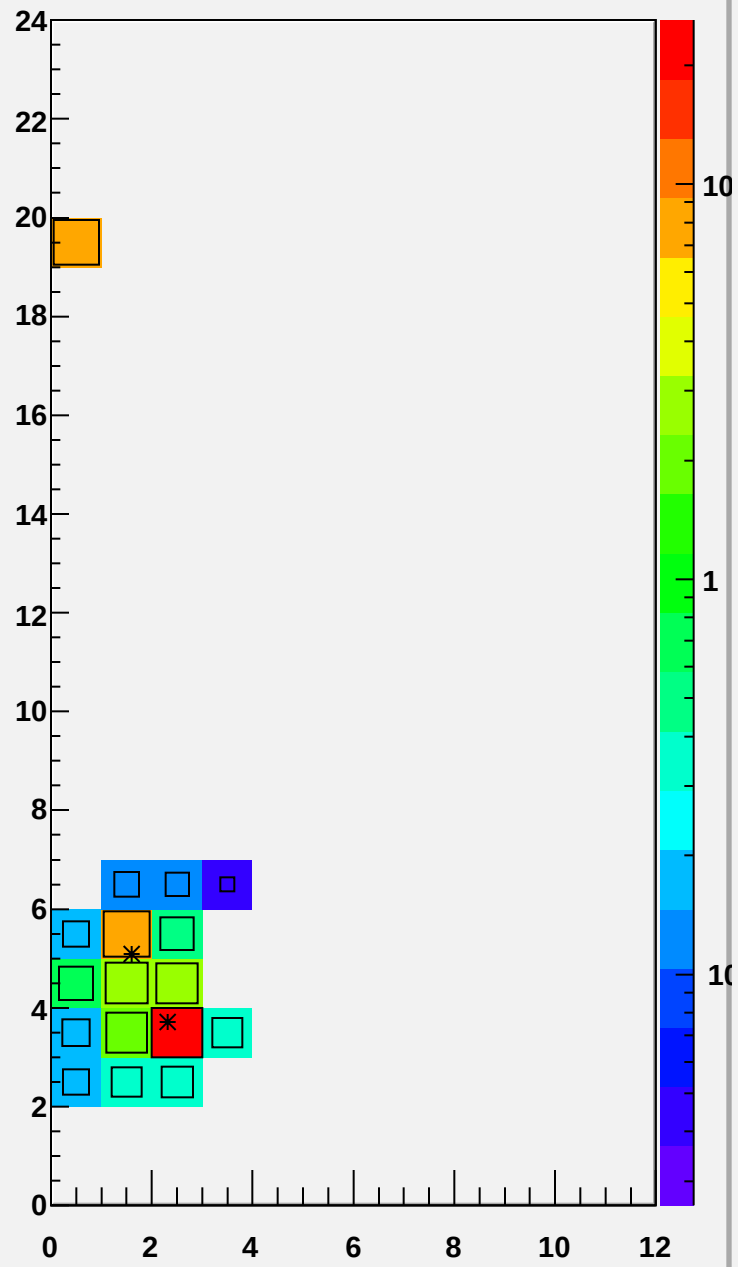
Fitted Energies



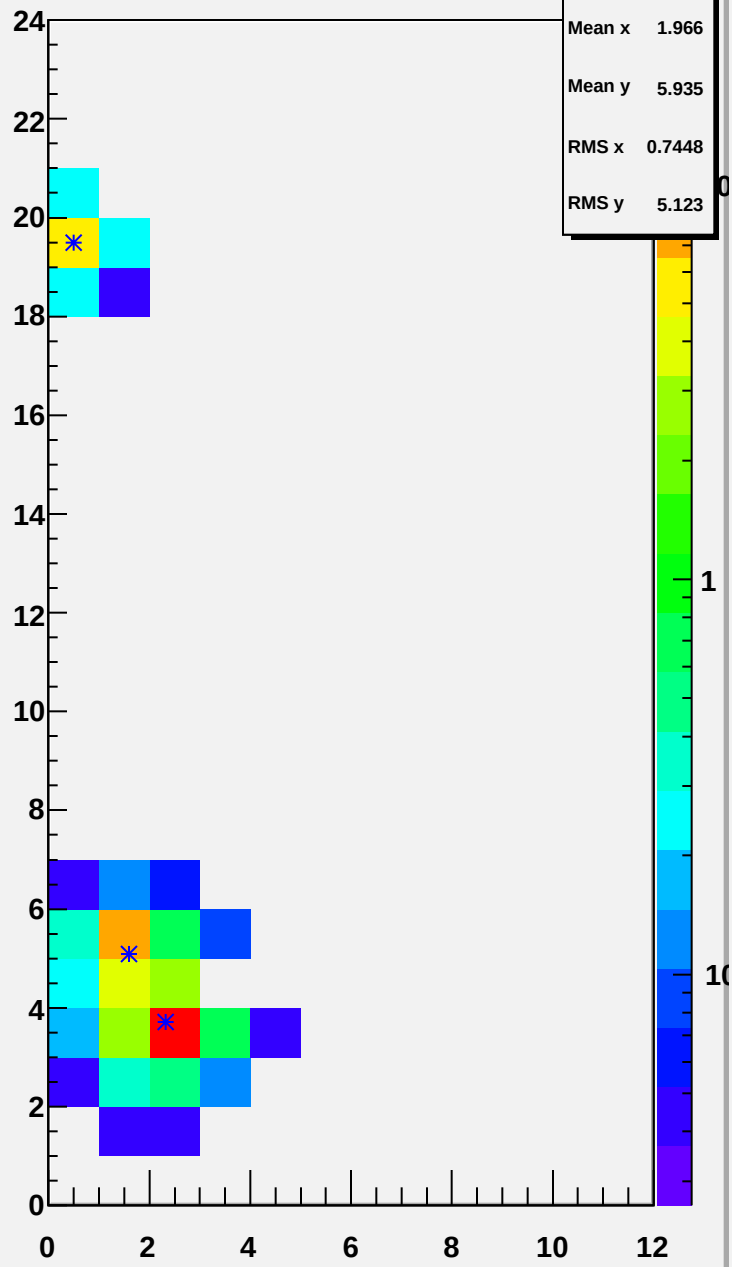
Efit

Entries	288
Mean x	2.886
Mean y	3.433
RMS x	0.7352
RMS y	0.5281

NSTB3_r4_c3_En=51.7_m0=0.183 m1=0.183 index=1420



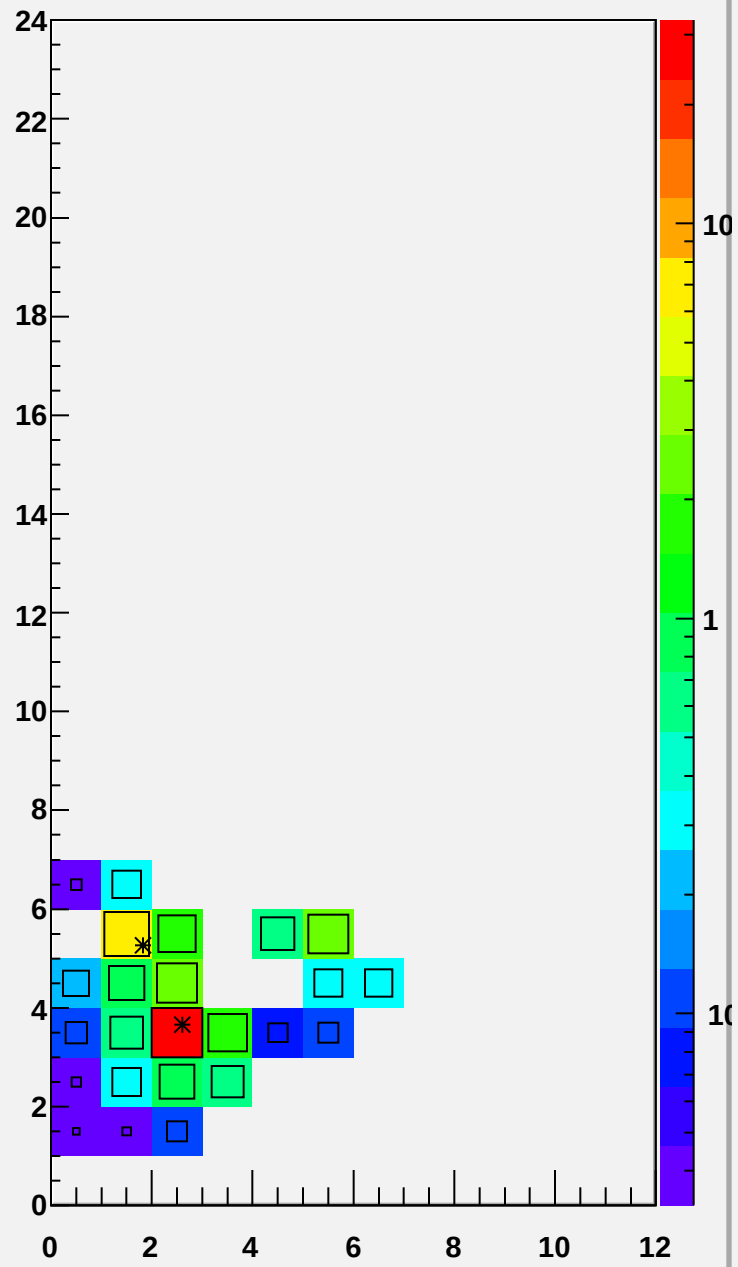
Fitted Energies



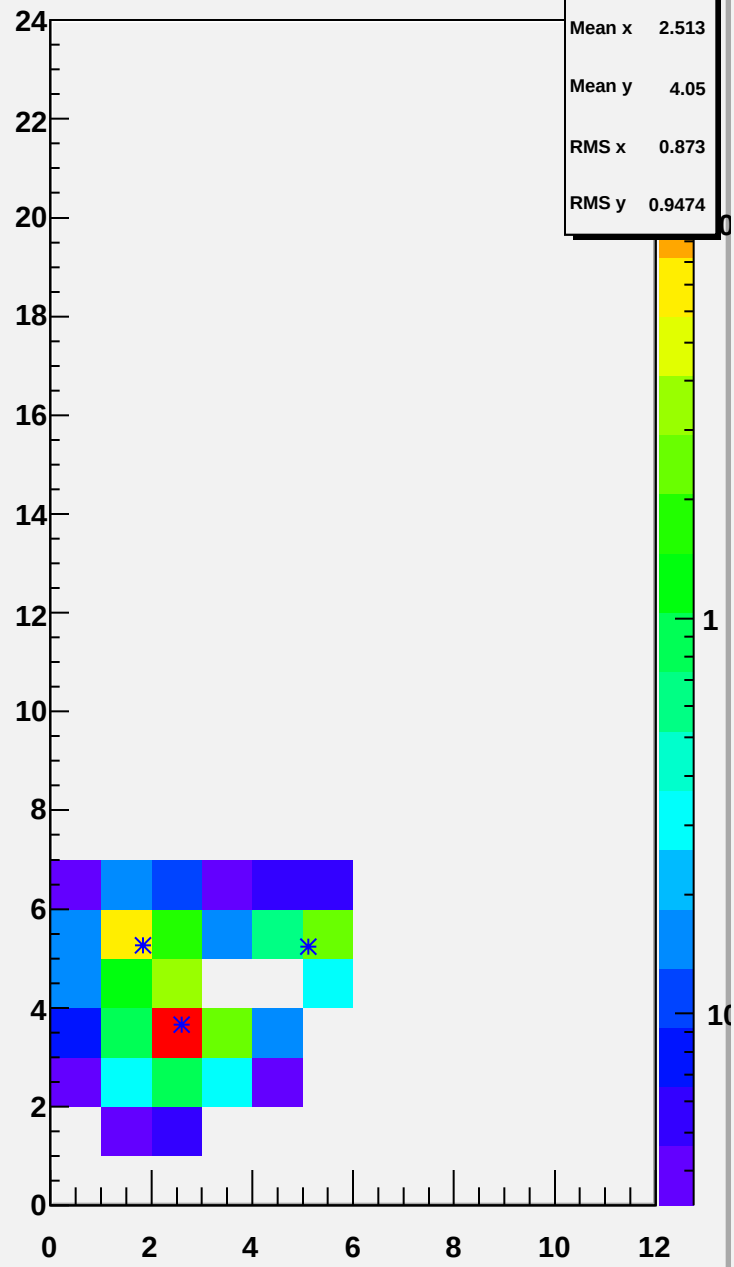
Efit

Entries	288
Mean x	1.966
Mean y	5.935
RMS x	0.7448
RMS y	5.123

NSTB3_r4_c3_En=54.4_m0=0.212_m1=0.212_index=1421



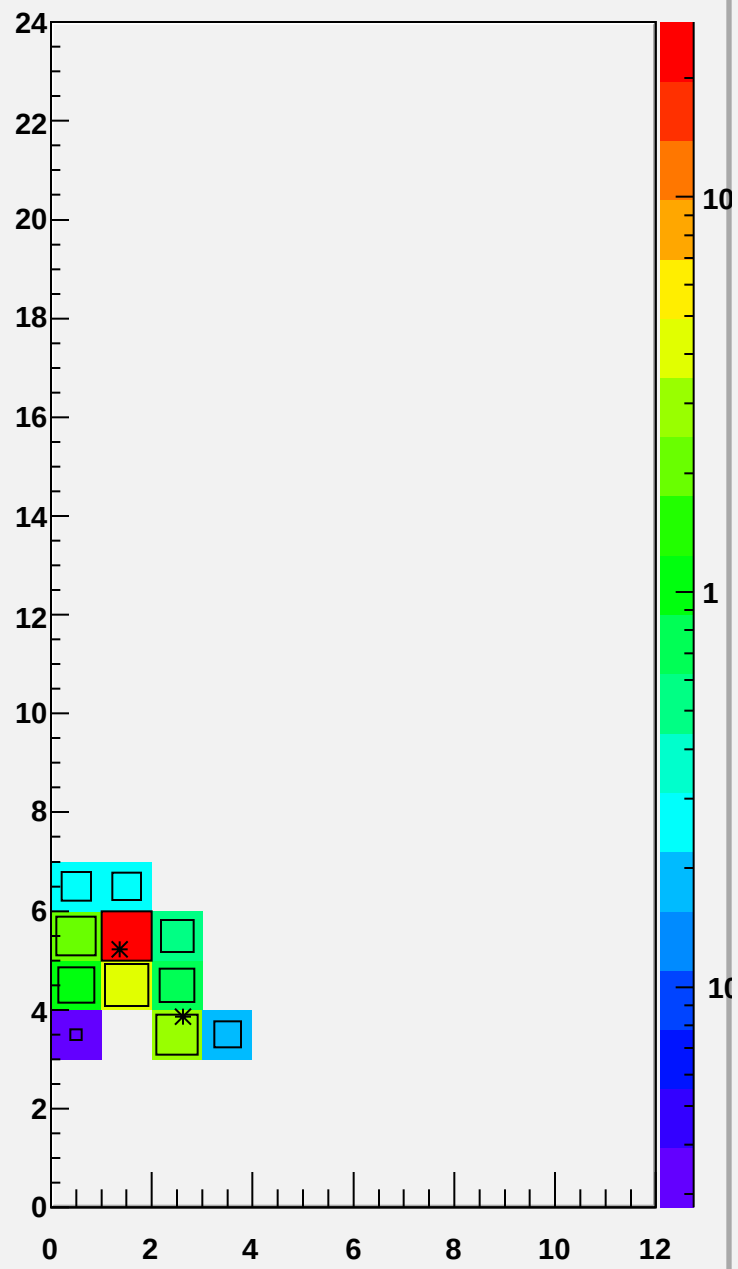
Fitted Energies



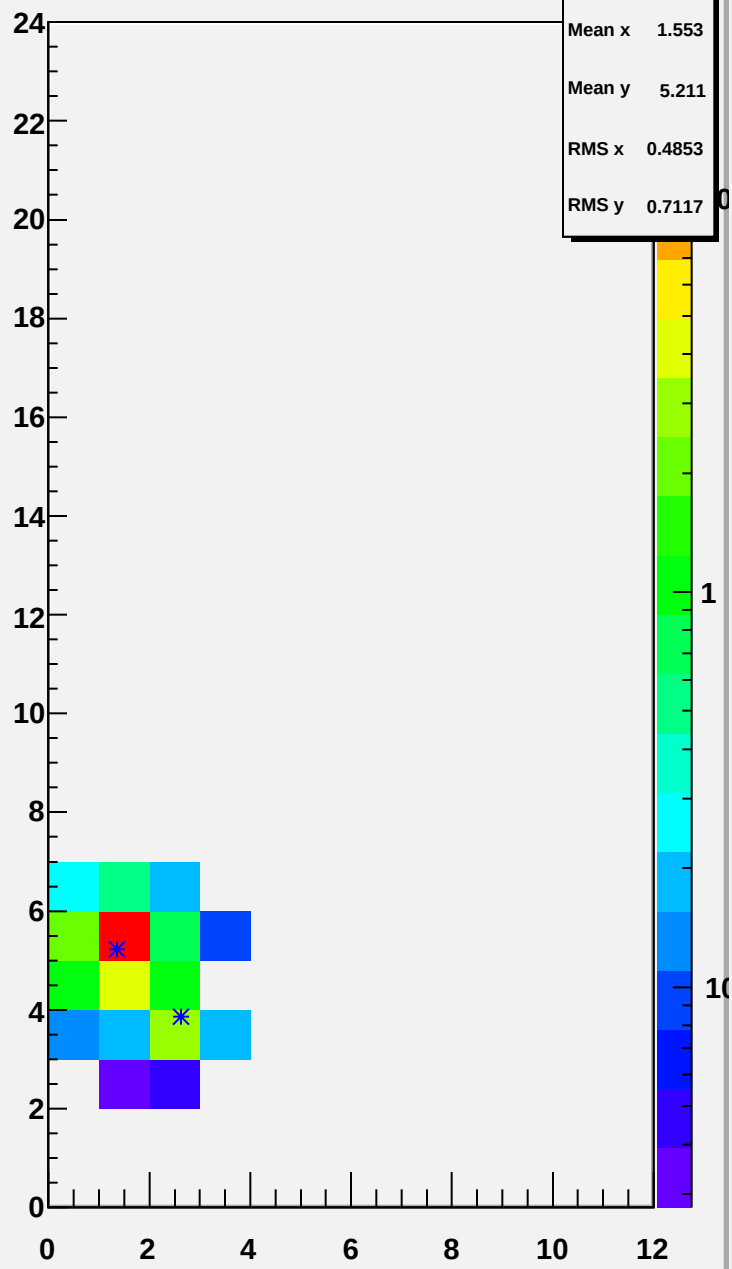
Efit

Entries	288
Mean x	2.513
Mean y	4.05
RMS x	0.873
RMS y	0.9474

NSTB3_r4_c3_En=39.3_m0=0.124 m1=0.123 index=1422



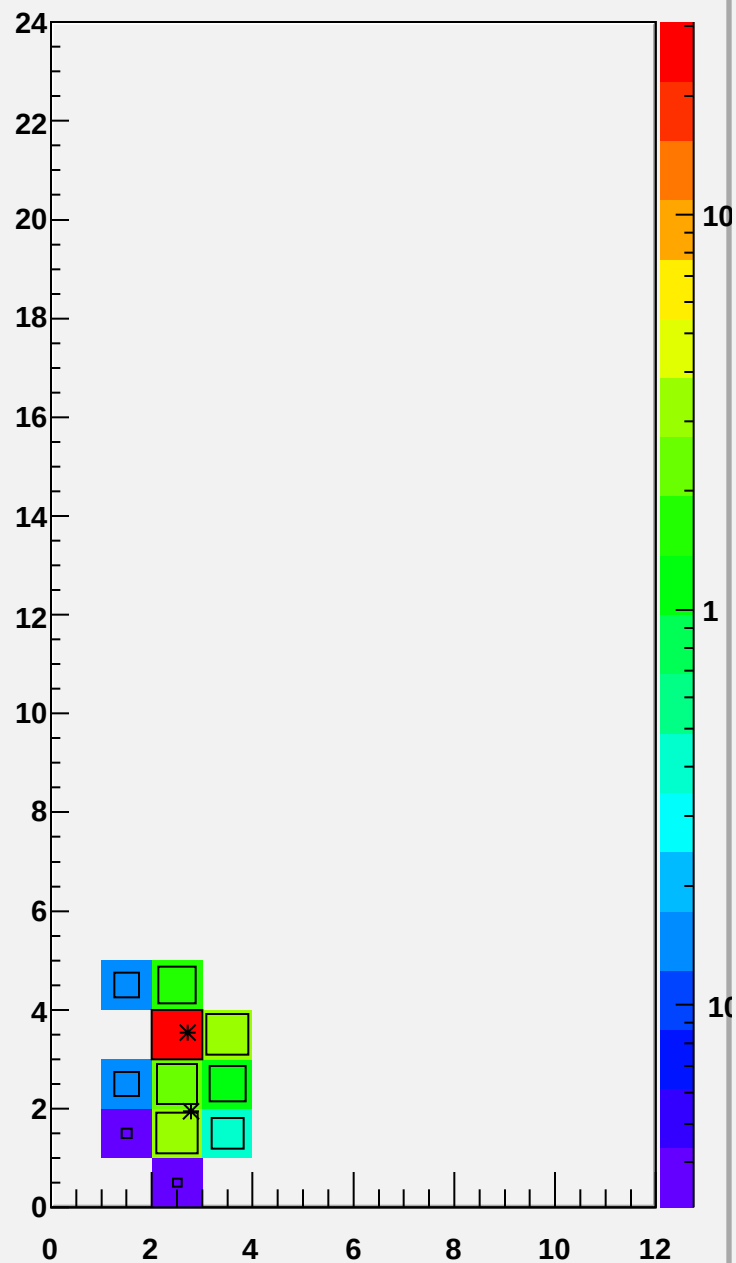
Fitted Energies



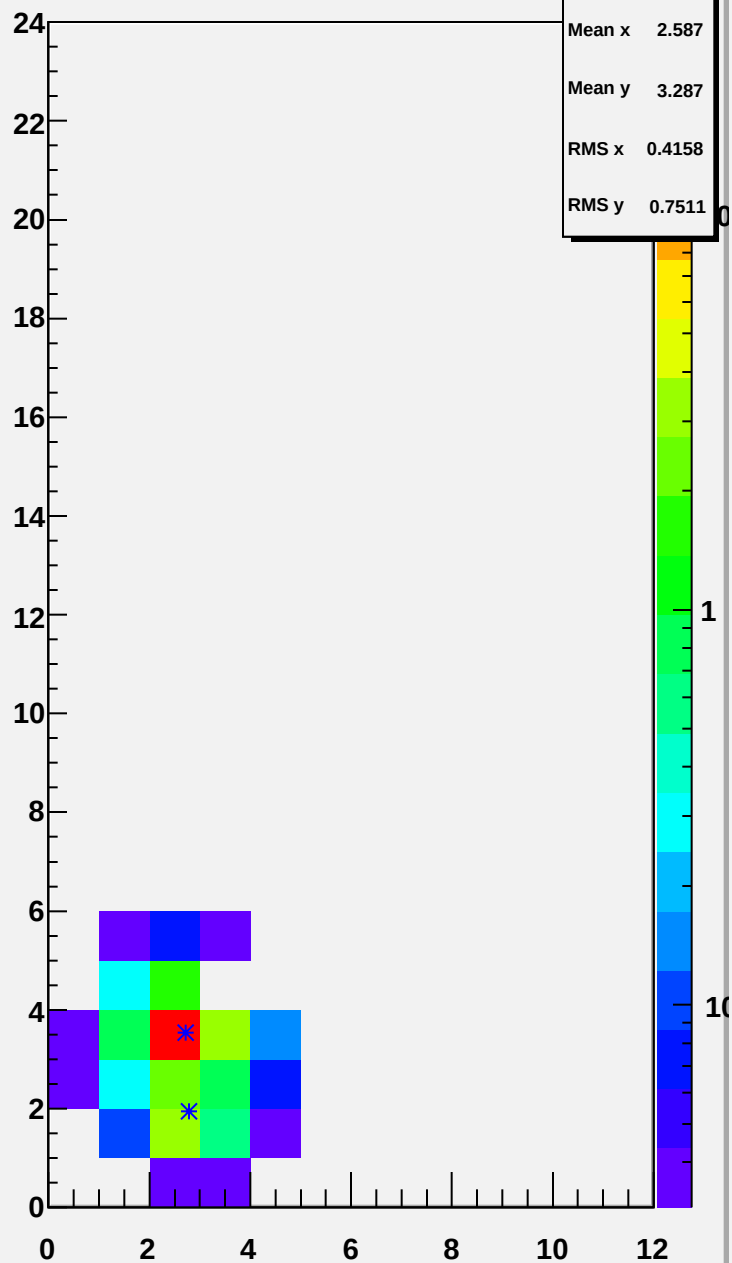
Efit

Entries	288
Mean x	1.553
Mean y	5.211
RMS x	0.4853
RMS y	0.7117

NSTB3_r4_c3_En=43.5_m0=0.134 m1=0.134 index=1423



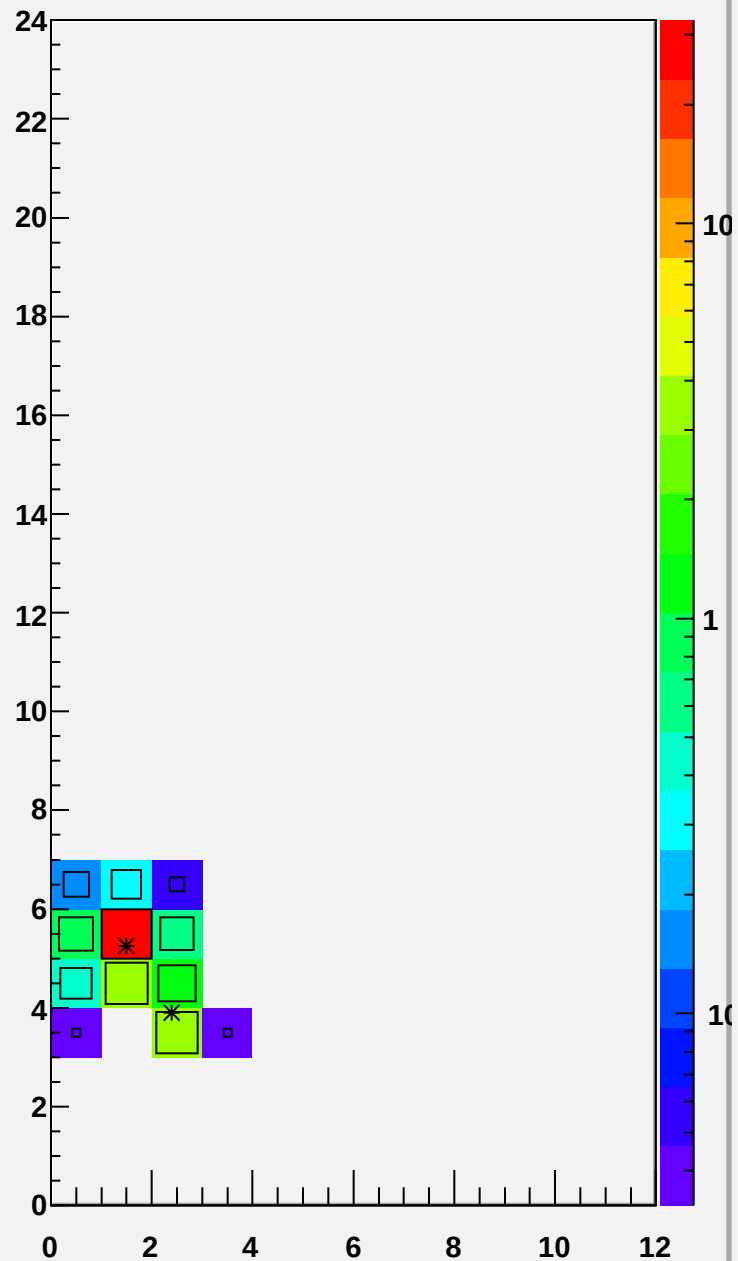
Fitted Energies



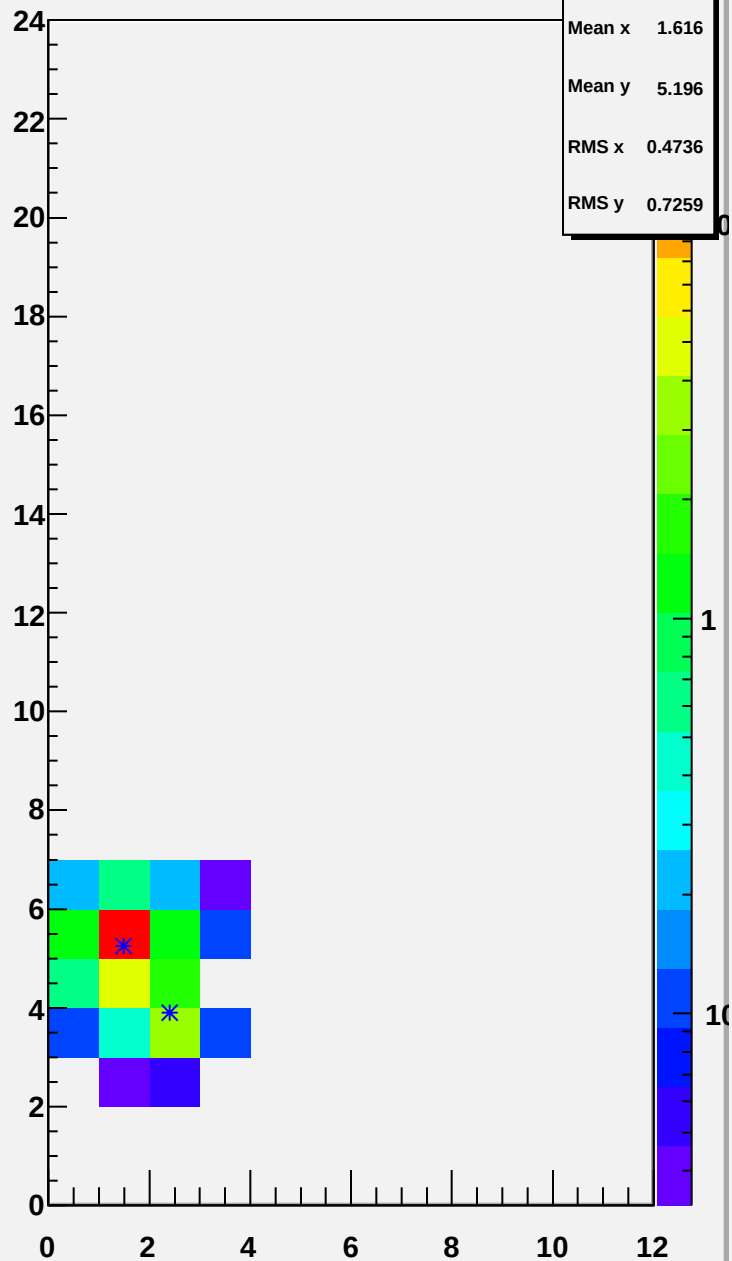
Efit

Entries	288
Mean x	2.587
Mean y	3.287
RMS x	0.4158
RMS y	0.7511

NSTB3_r4_c3_En=44.4_m0=0.139 m1=0.138 index=1425



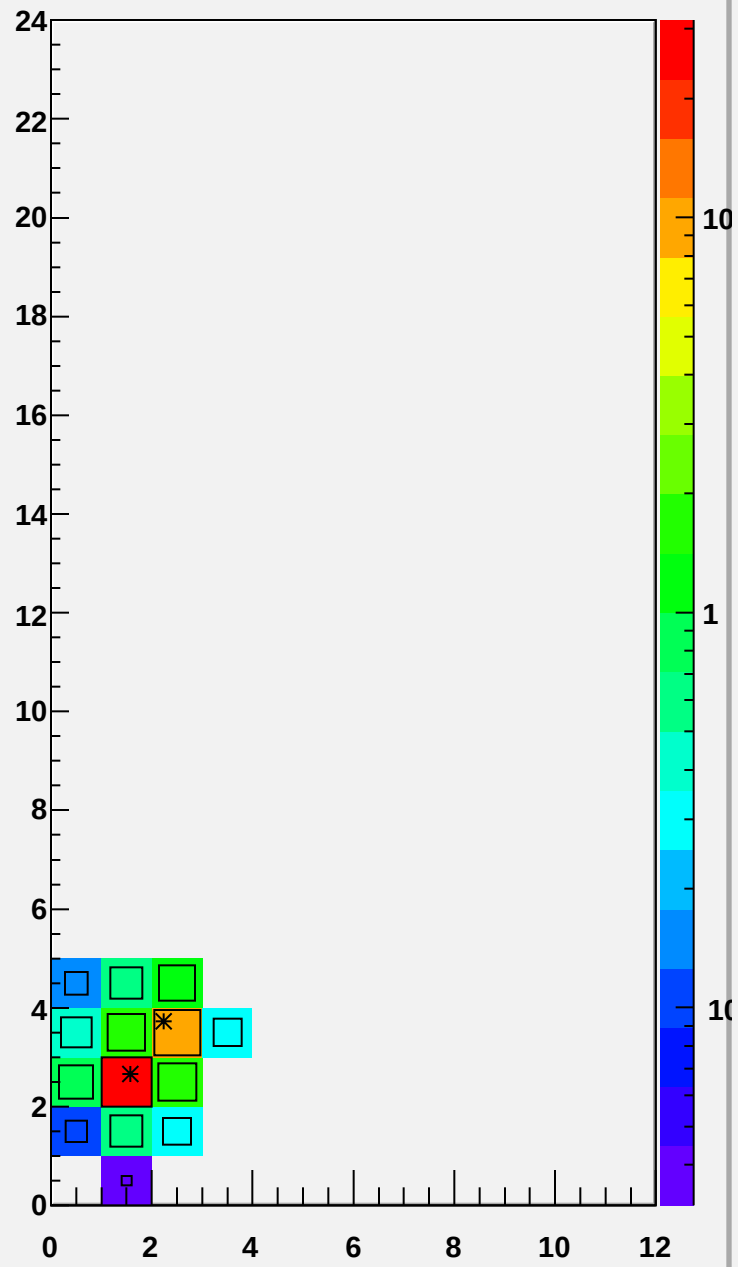
Fitted Energies



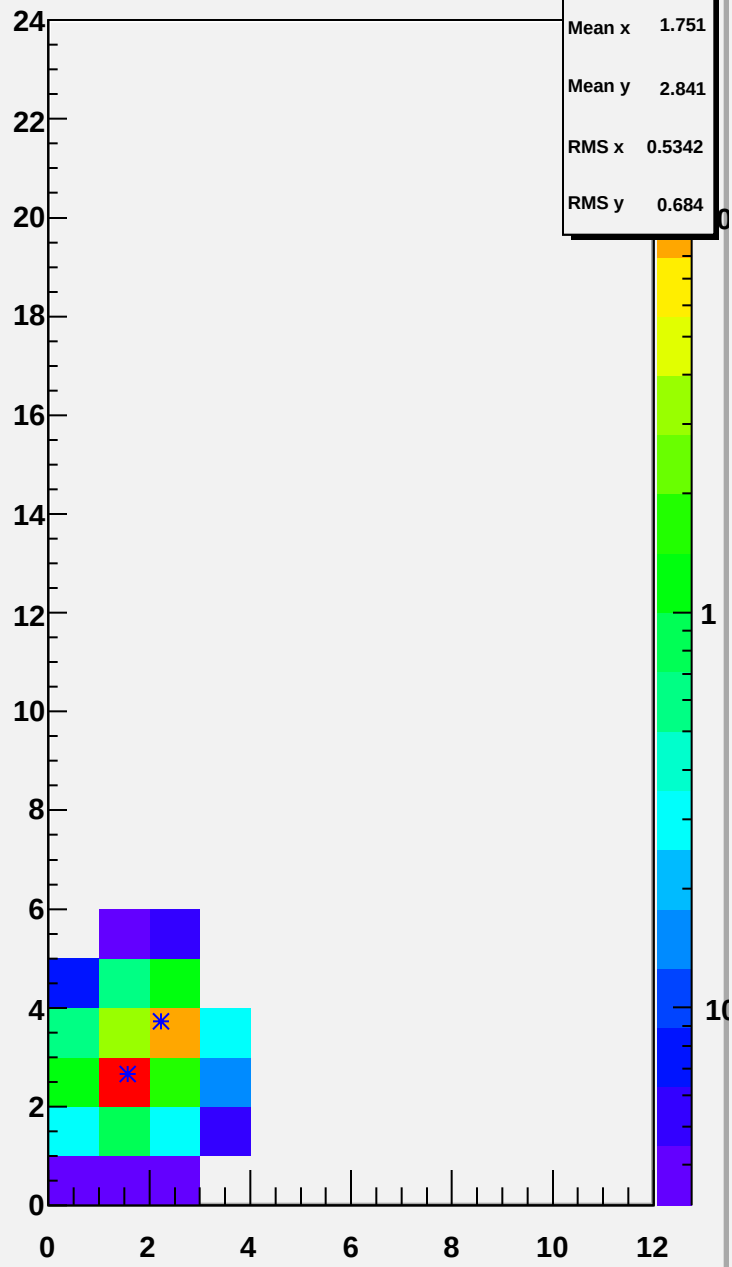
Efit

Entries	288
Mean x	1.616
Mean y	5.196
RMS x	0.4736
RMS y	0.7259

NSTB3_r4_c3_En=48.8_m0=0.162 m1=0.162 index=1426



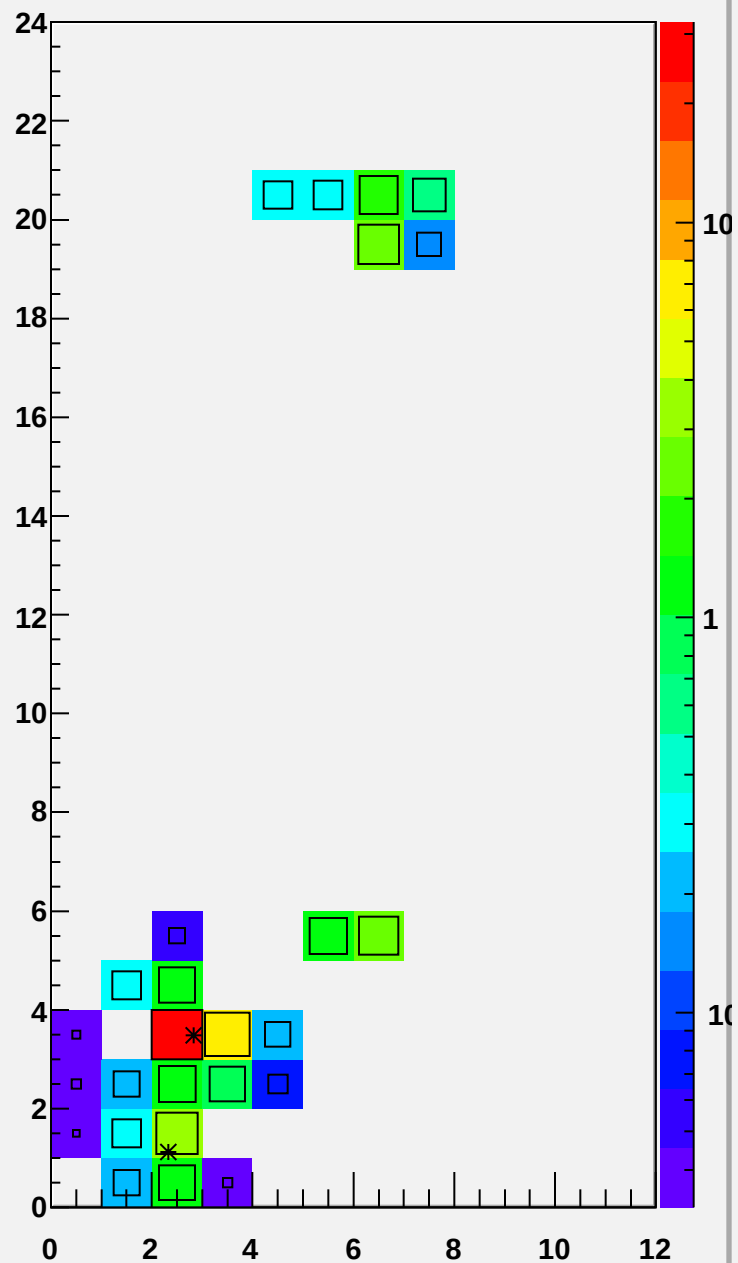
Fitted Energies



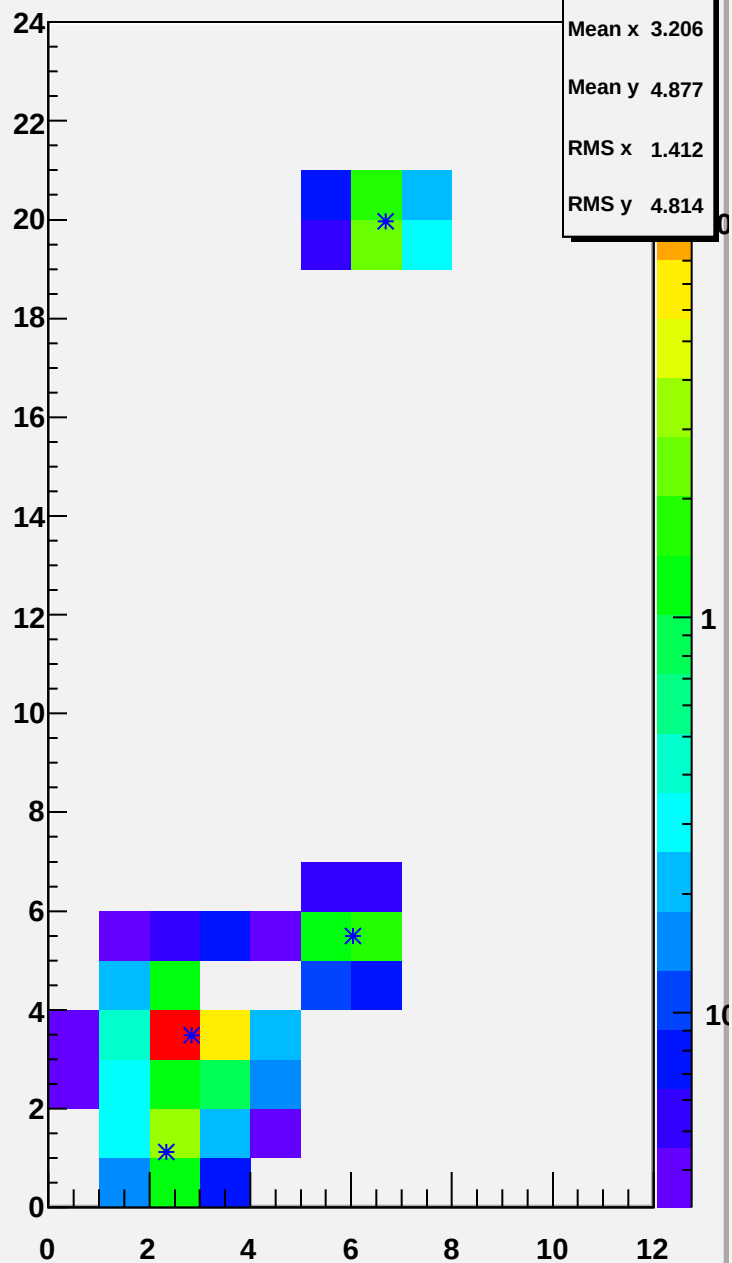
Efit

Entries	288
Mean x	1.751
Mean y	2.841
RMS x	0.5342
RMS y	0.684

NSTB3_r4_c3_En=57.6_m0=0.207 m1=0.207 index=1427



Fitted Energies



Efit

Entries 288

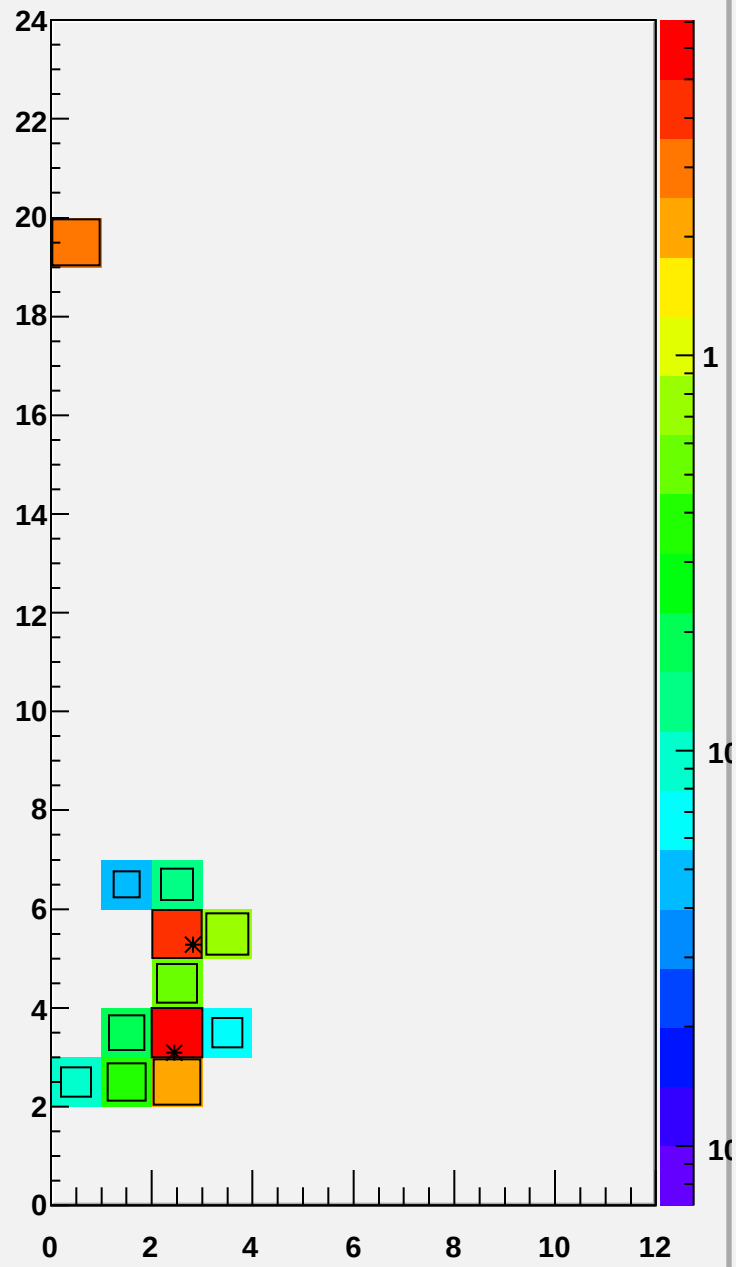
Mean x 3.206

Mean y 4.877

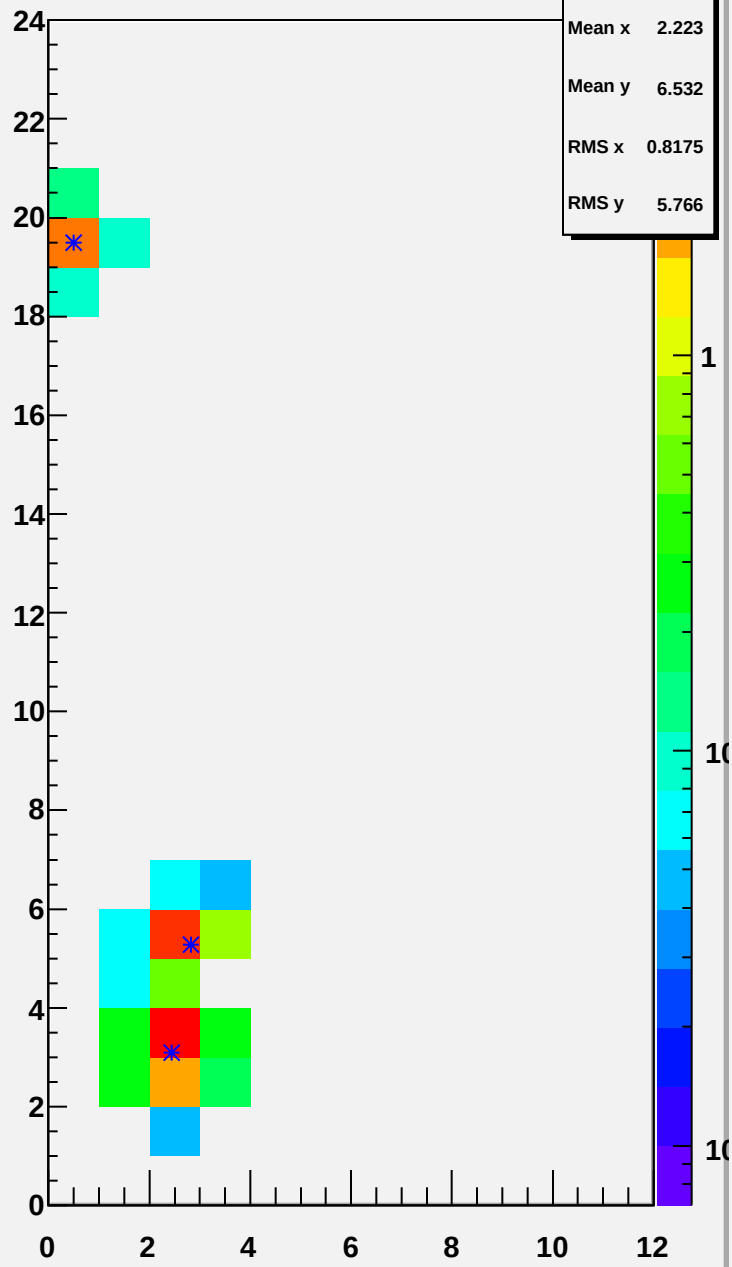
RMS x 1.412

RMS y 4.814

NSTB3_r4_c3_En=19.6_m0=0.103 m1=0.103 index=1428



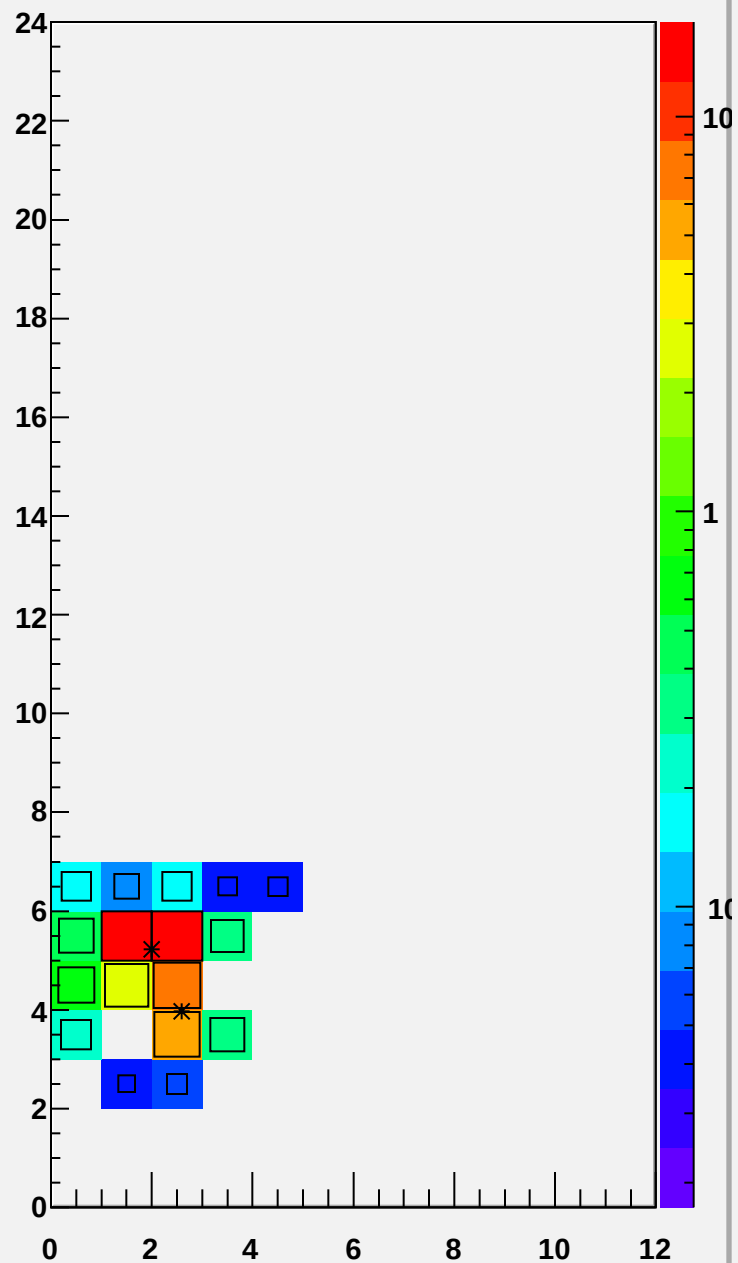
Fitted Energies



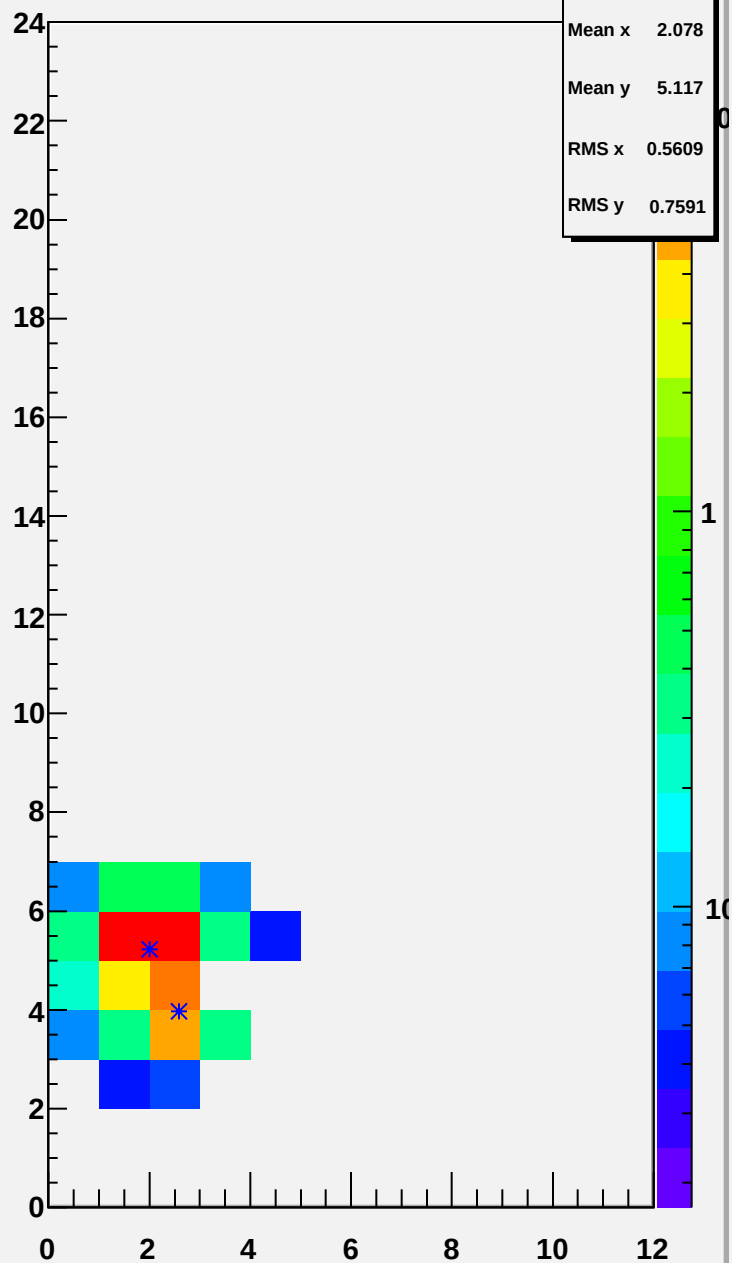
Efit

Entries	288
Mean x	2.223
Mean y	6.532
RMS x	0.8175
RMS y	5.766

NSTB3_r4_c3_En=50.9_m0=0.151 m1=0.151 index=1430



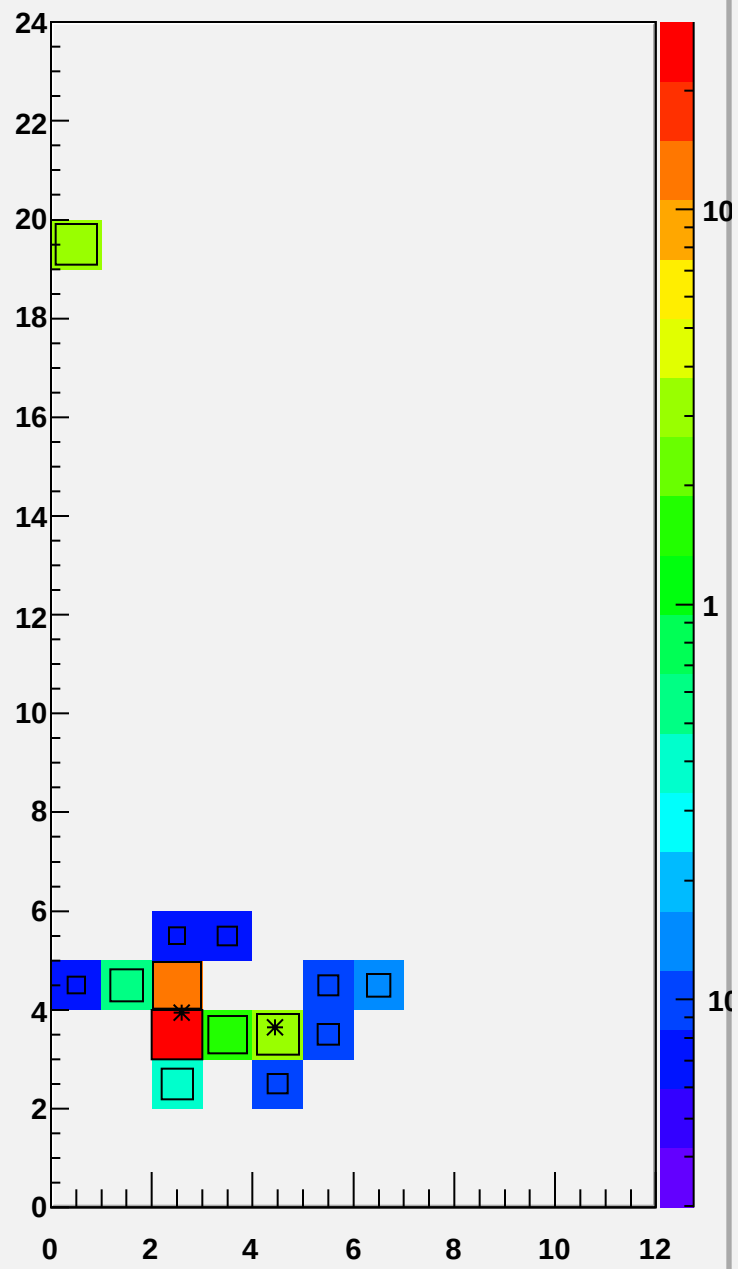
Fitted Energies



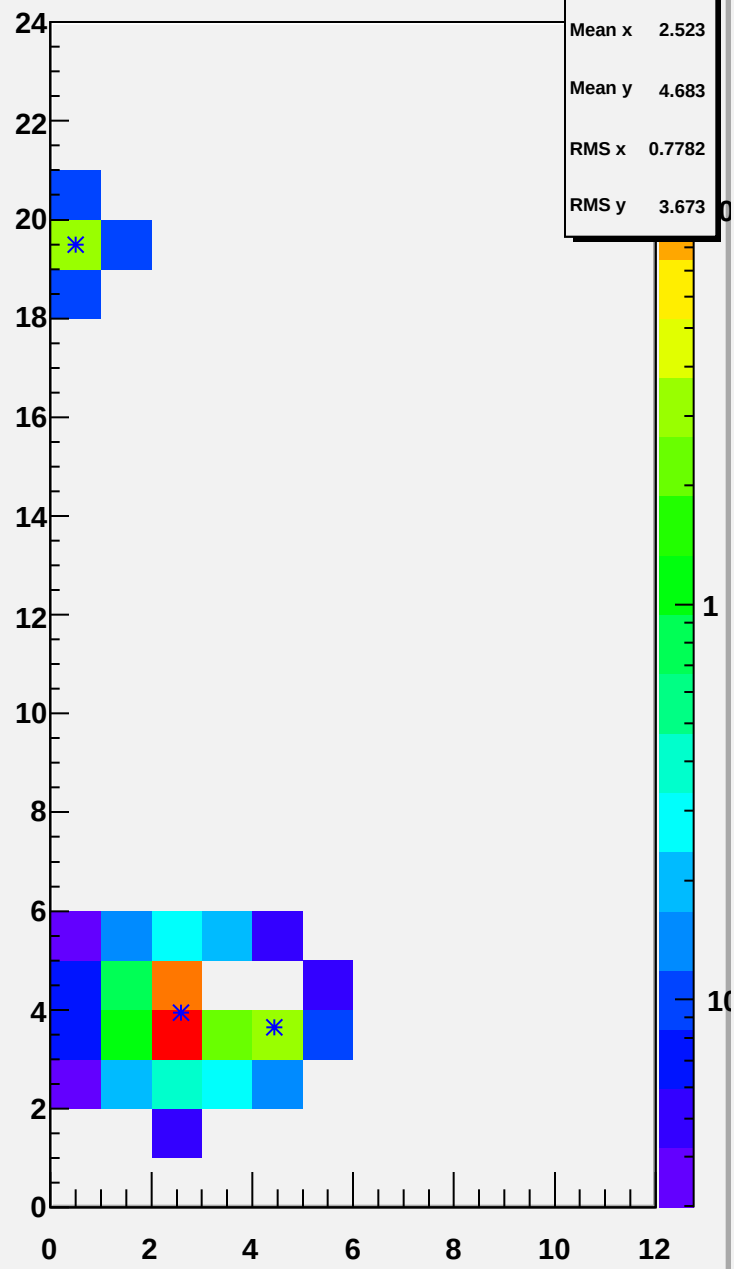
Efit

Entries	288
Mean x	2.078
Mean y	5.117
RMS x	0.5609
RMS y	0.7591

NSTB3_r4_c3_En=53.9_m0=0.148 m1=0.149 index=1431



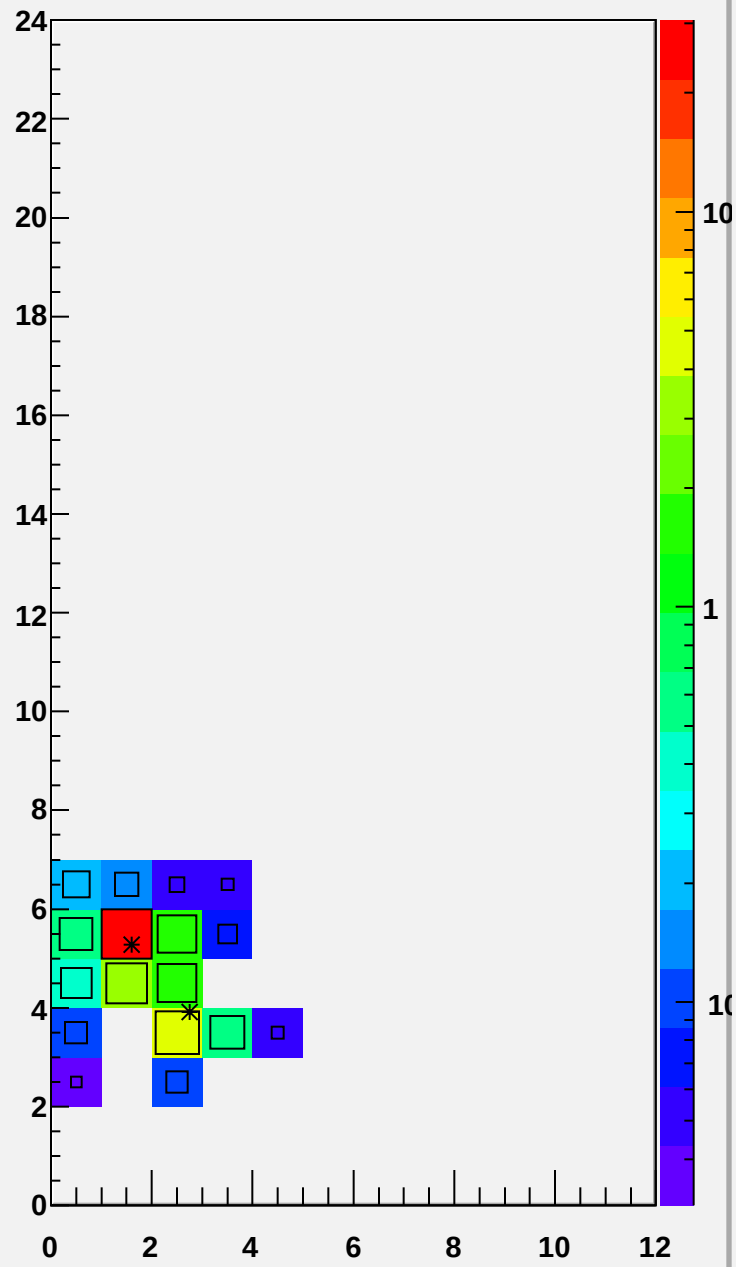
Fitted Energies



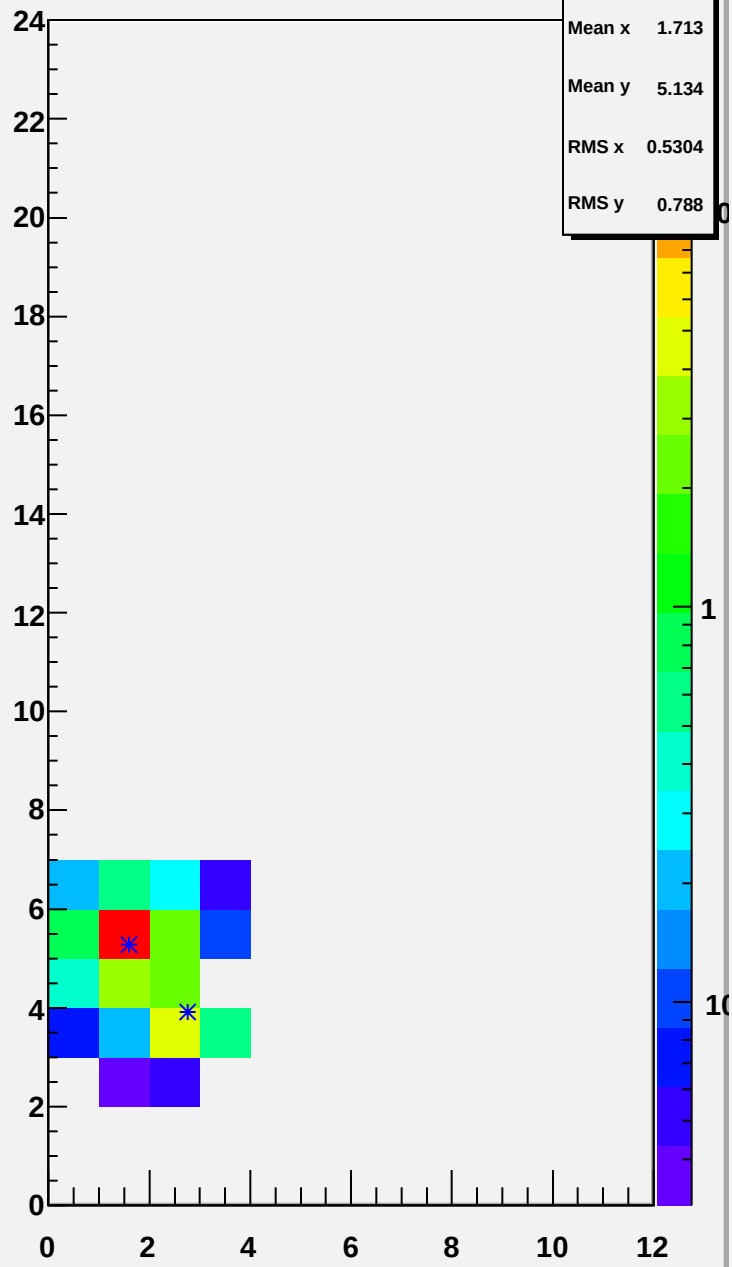
Efit

Entries	288
Mean x	2.523
Mean y	4.683
RMS x	0.7782
RMS y	3.673

NSTB3_r4_c3_En=44.4_m0=0.178 m1=0.178 index=1432



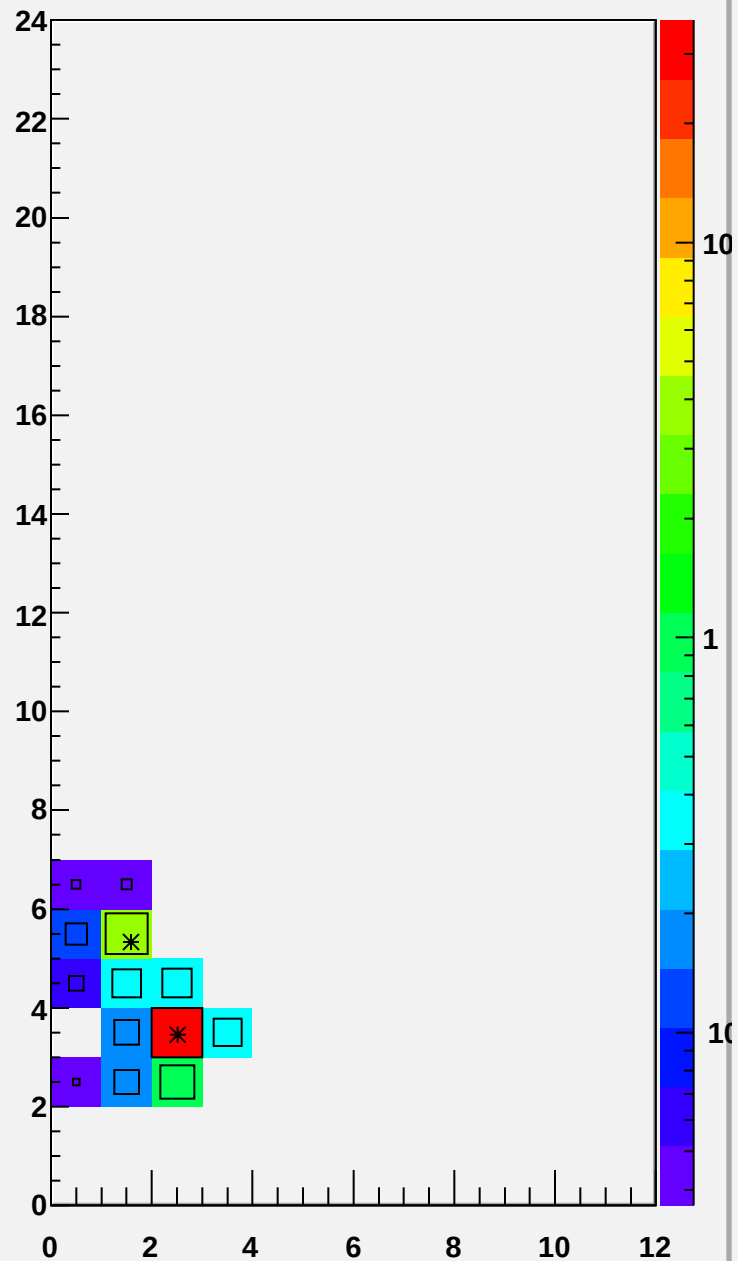
Fitted Energies



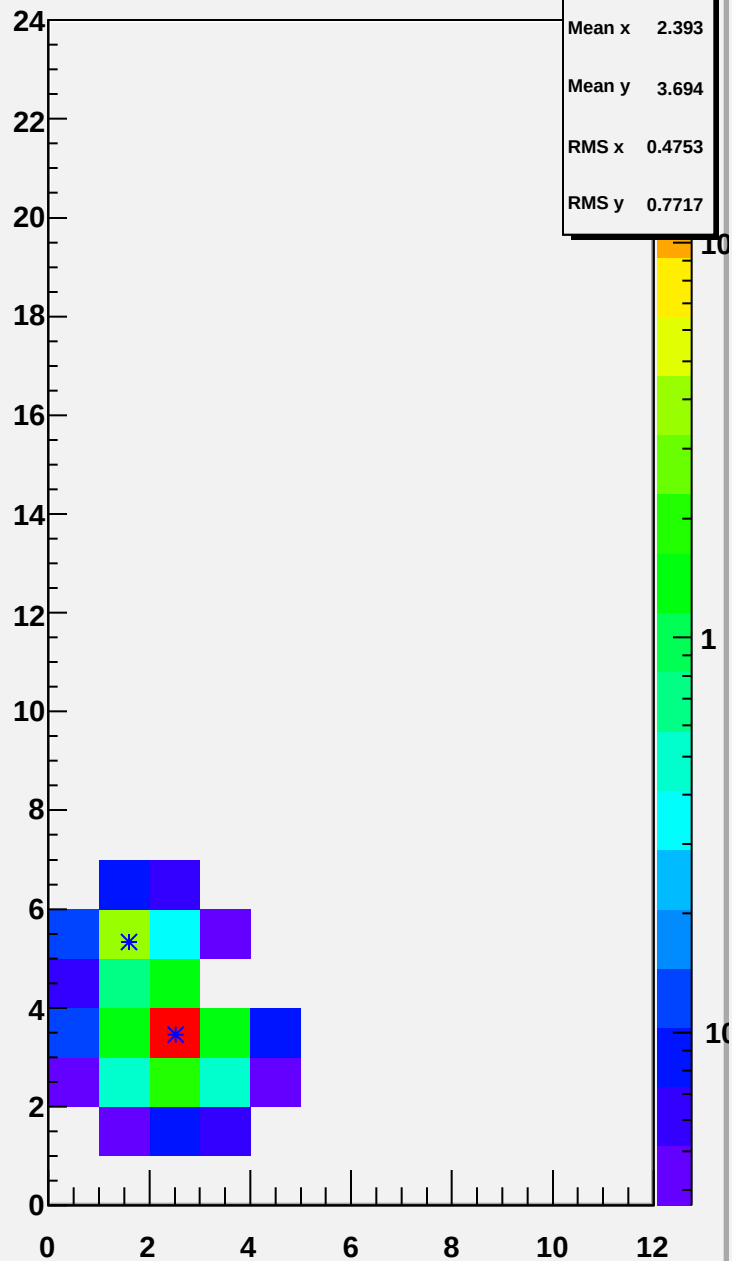
Efit

Entries	288
Mean x	1.713
Mean y	5.134
RMS x	0.5304
RMS y	0.788

NSTB3_r4_c3_En=43.2_m0=0.170 m1=0.170 index=1433



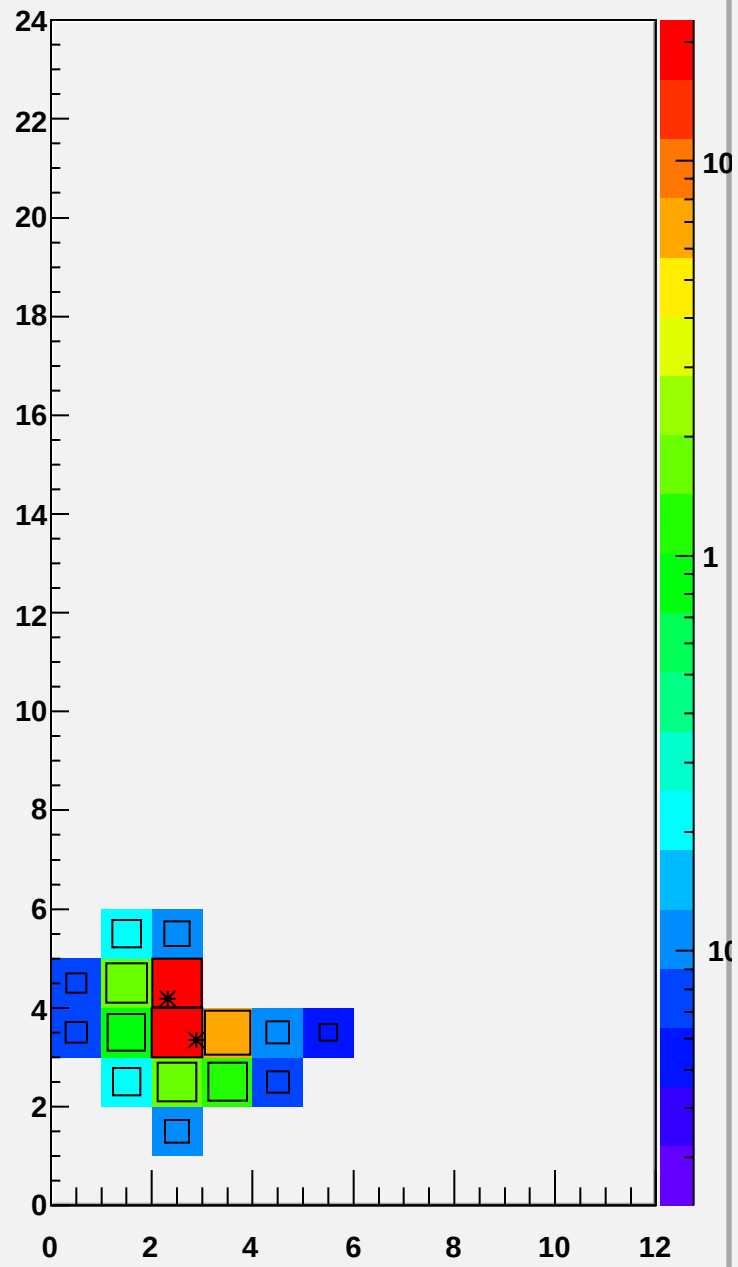
Fitted Energies



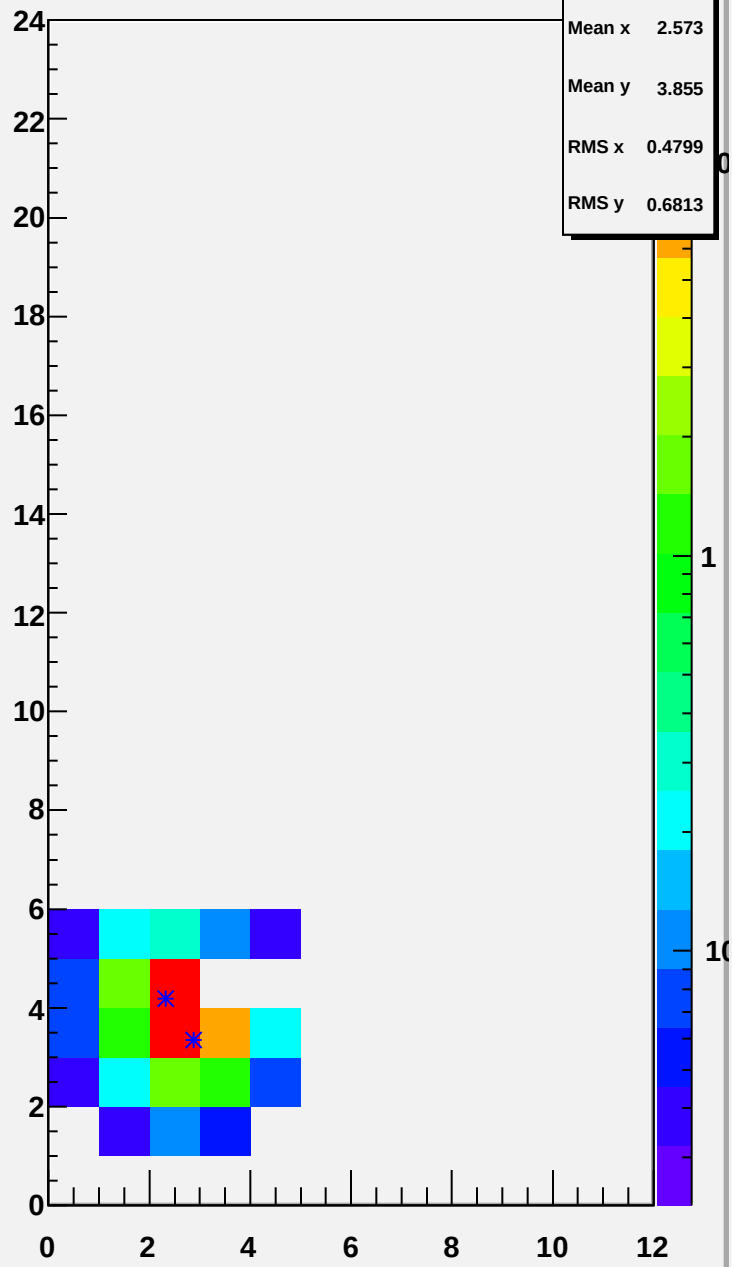
Efit

Entries	288
Mean x	2.393
Mean y	3.694
RMS x	0.4753
RMS y	0.7717

NSTB3_r4_c3_En=54.5_m0=0.152 m1=0.152 index=1434



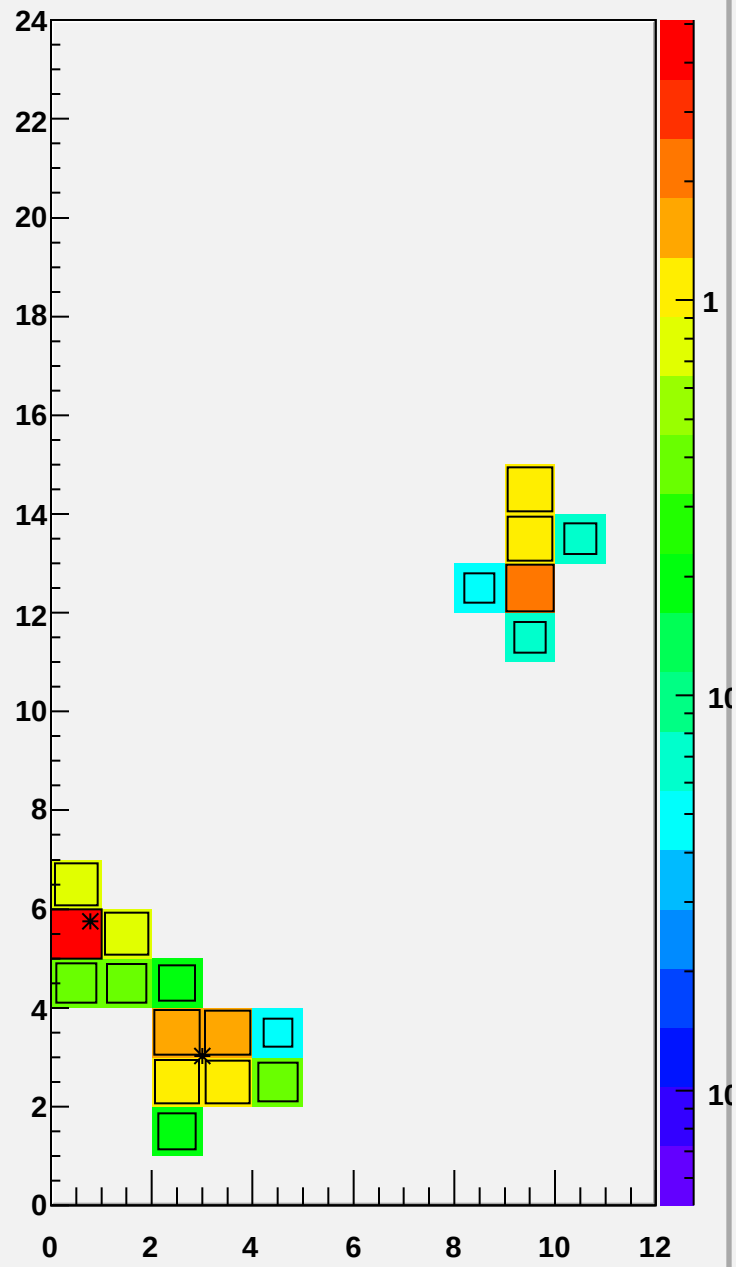
Fitted Energies



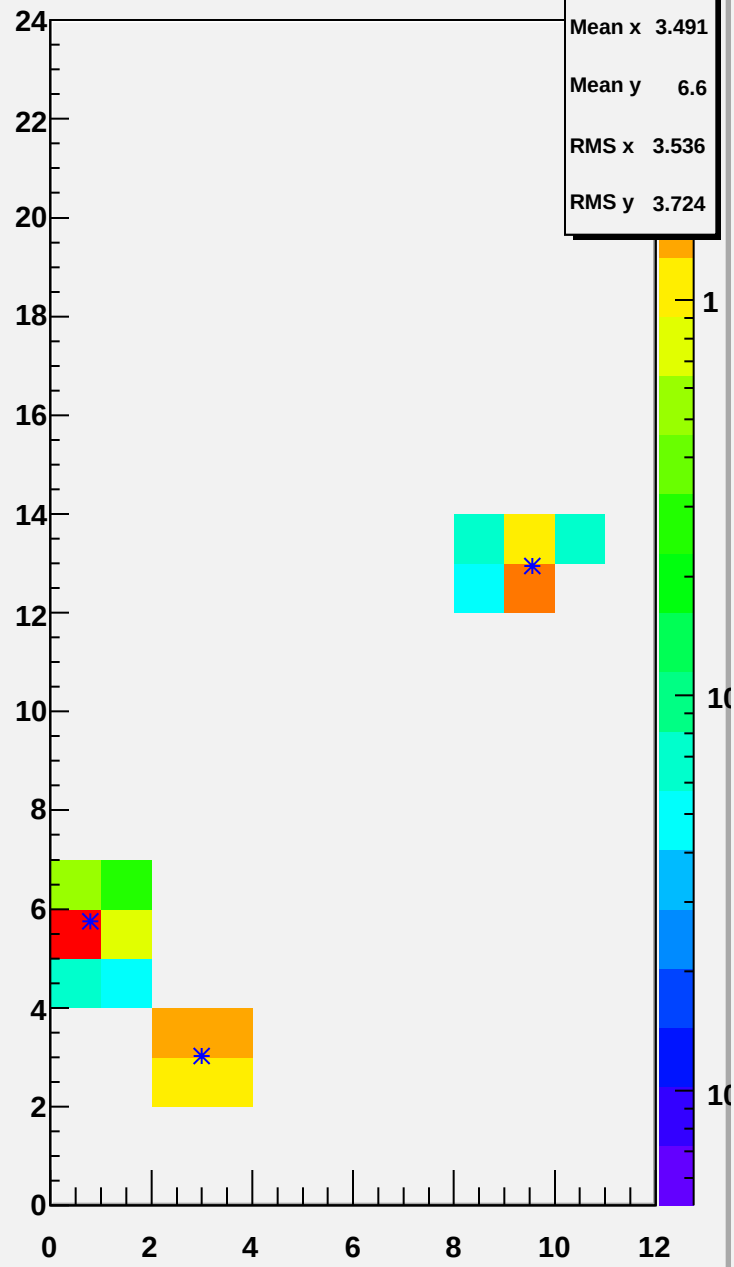
Efit

Entries	288
Mean x	2.573
Mean y	3.855
RMS x	0.4799
RMS y	0.6813

NSTB3_r4_c3_En=17.6_m0=0.118 m1=0.118 index=1435



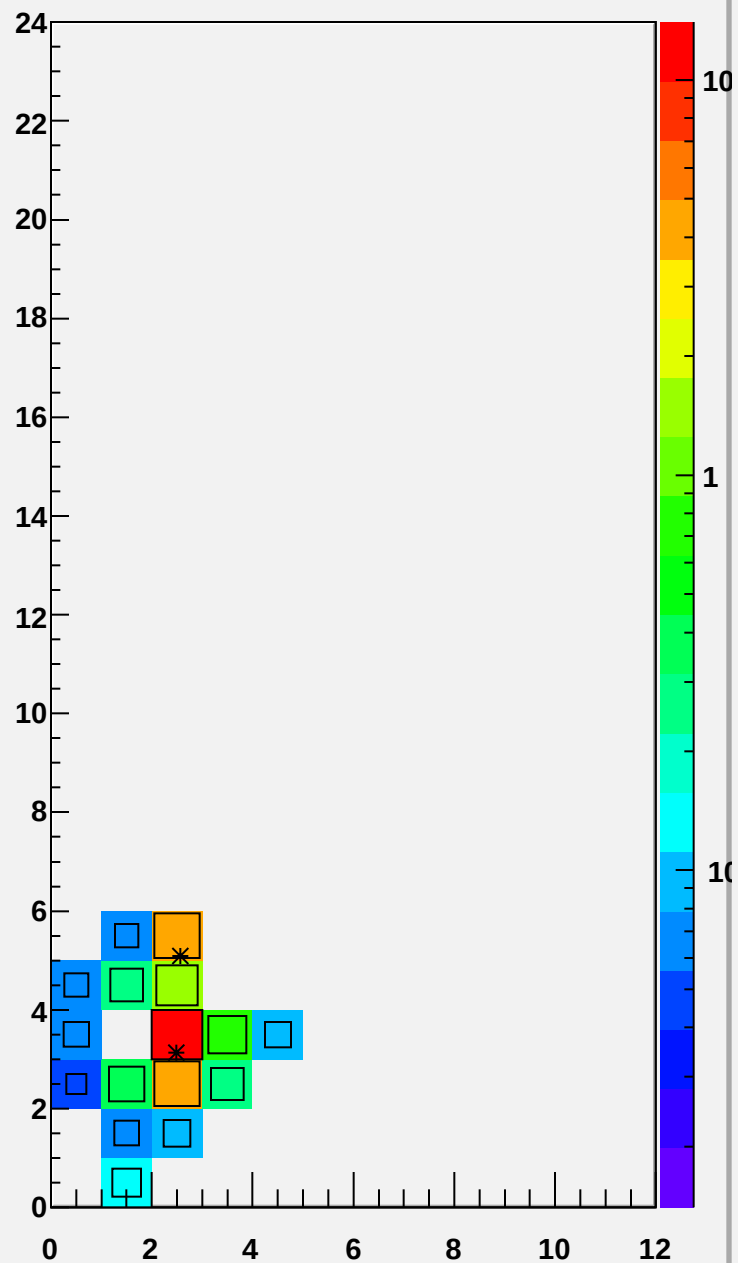
Fitted Energies



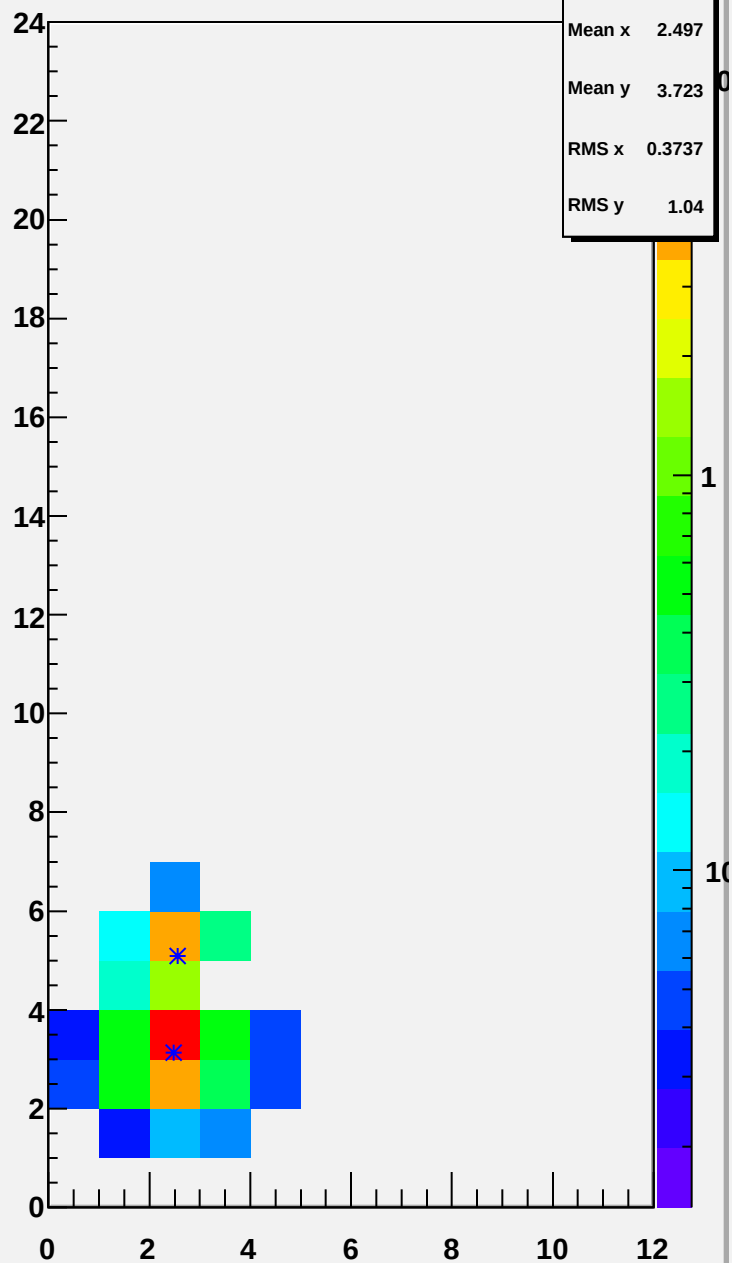
Efit

Entries 288
Mean x 3.491
Mean y 6.6
RMS x 3.536
RMS y 3.724

NSTB3_r4_c3_En=25.5_m0=0.123 m1=0.123 index=1437



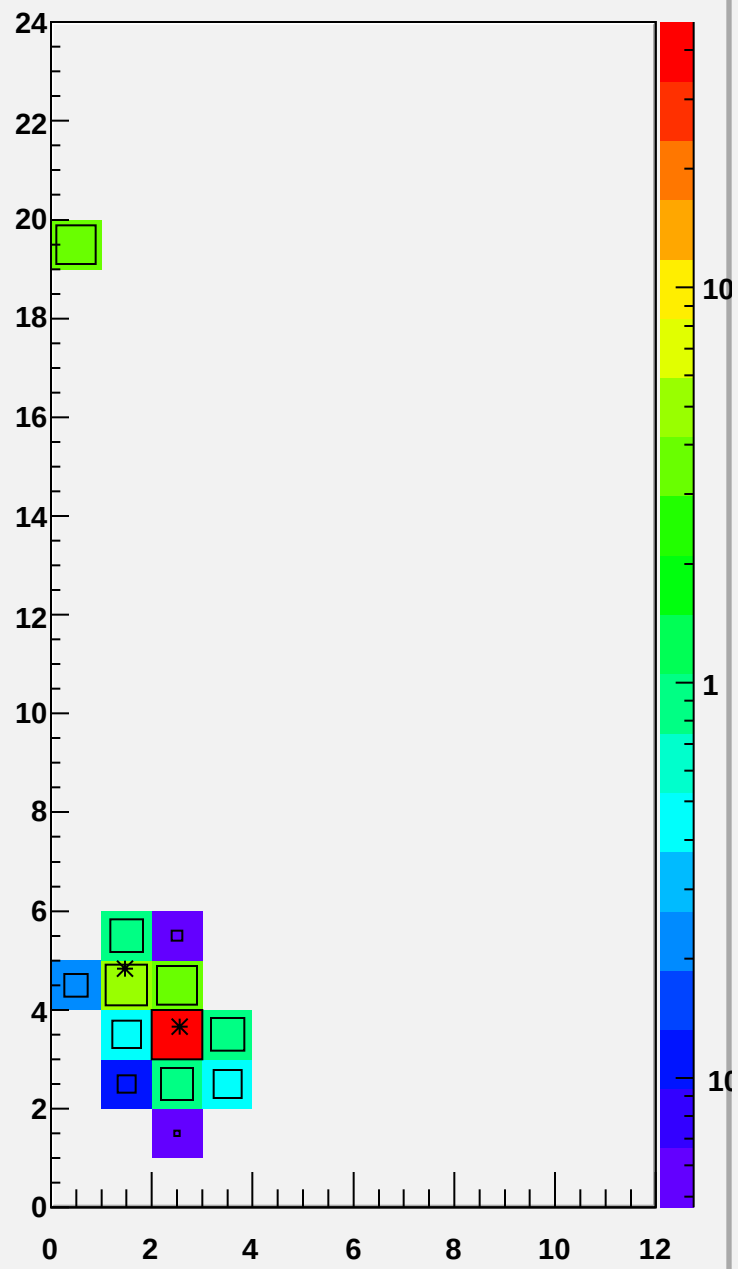
Fitted Energies



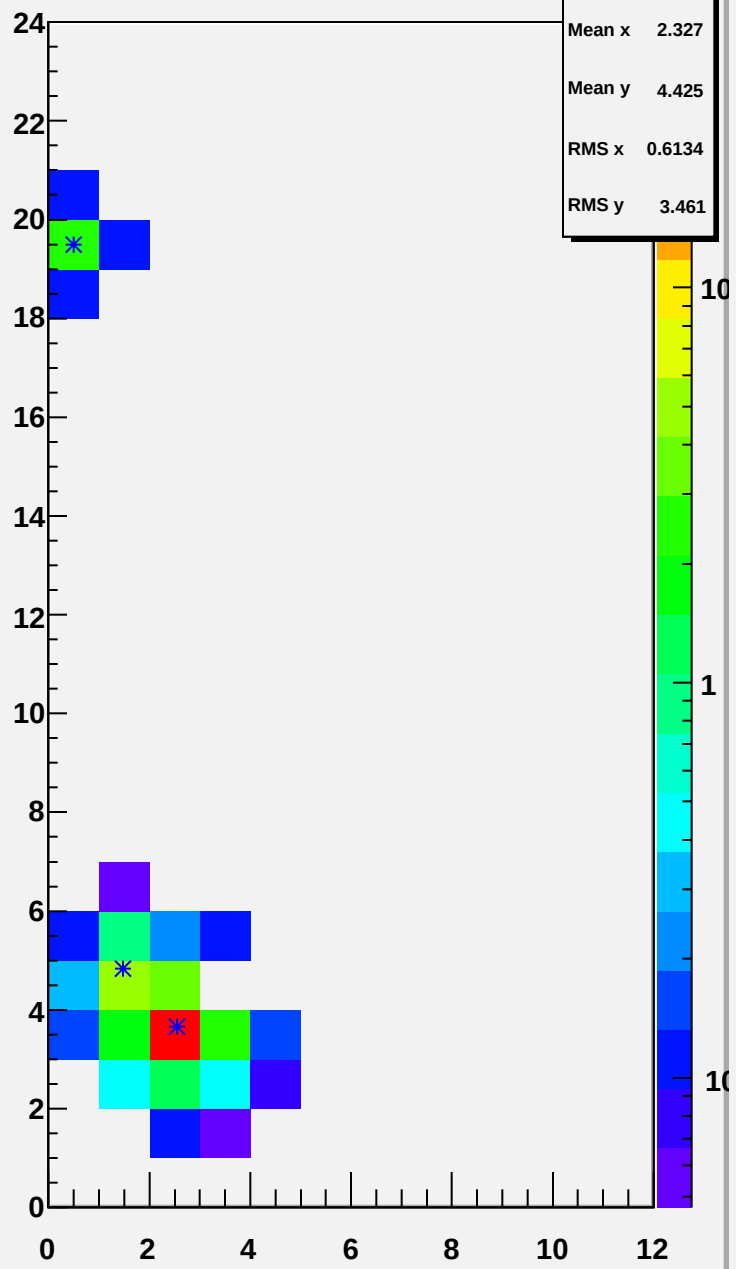
Efit

Entries	288
Mean x	2.497
Mean y	3.723
RMS x	0.3737
RMS y	1.04

NSTB3_r4_c3_En=62.7_m0=0.148 m1=0.147 index=1438



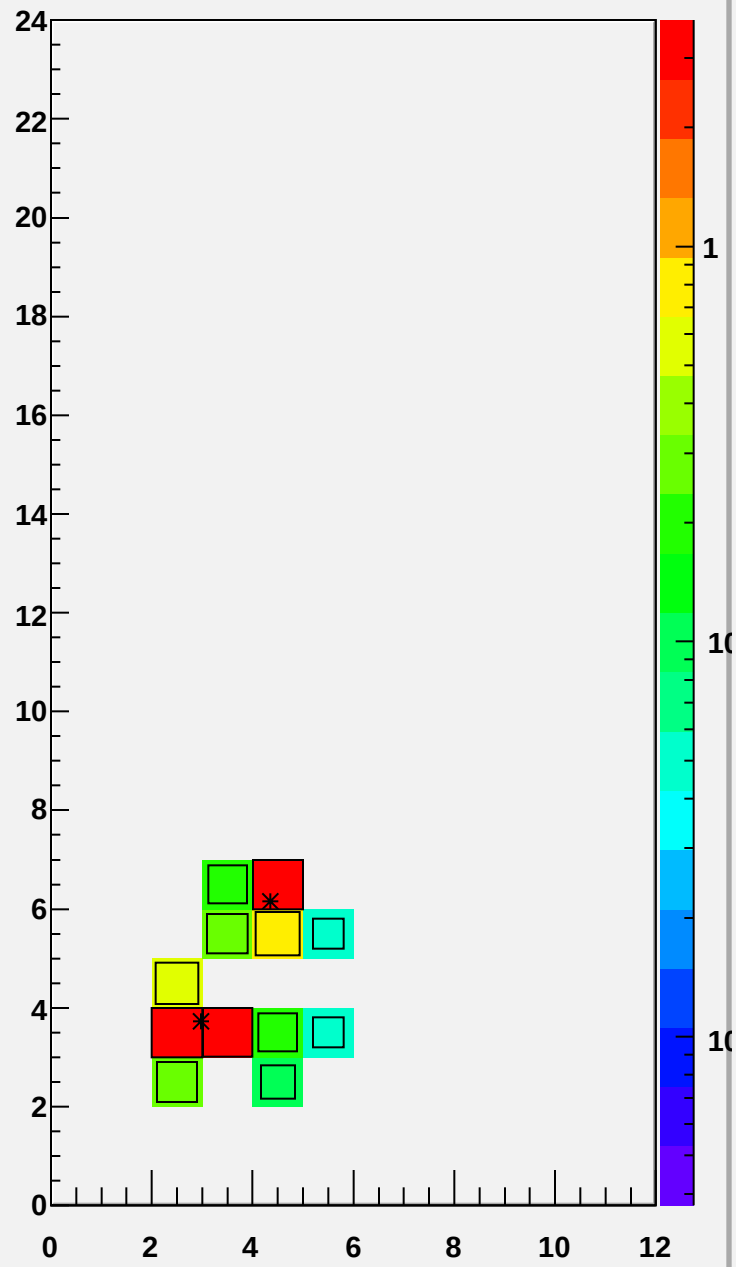
Fitted Energies



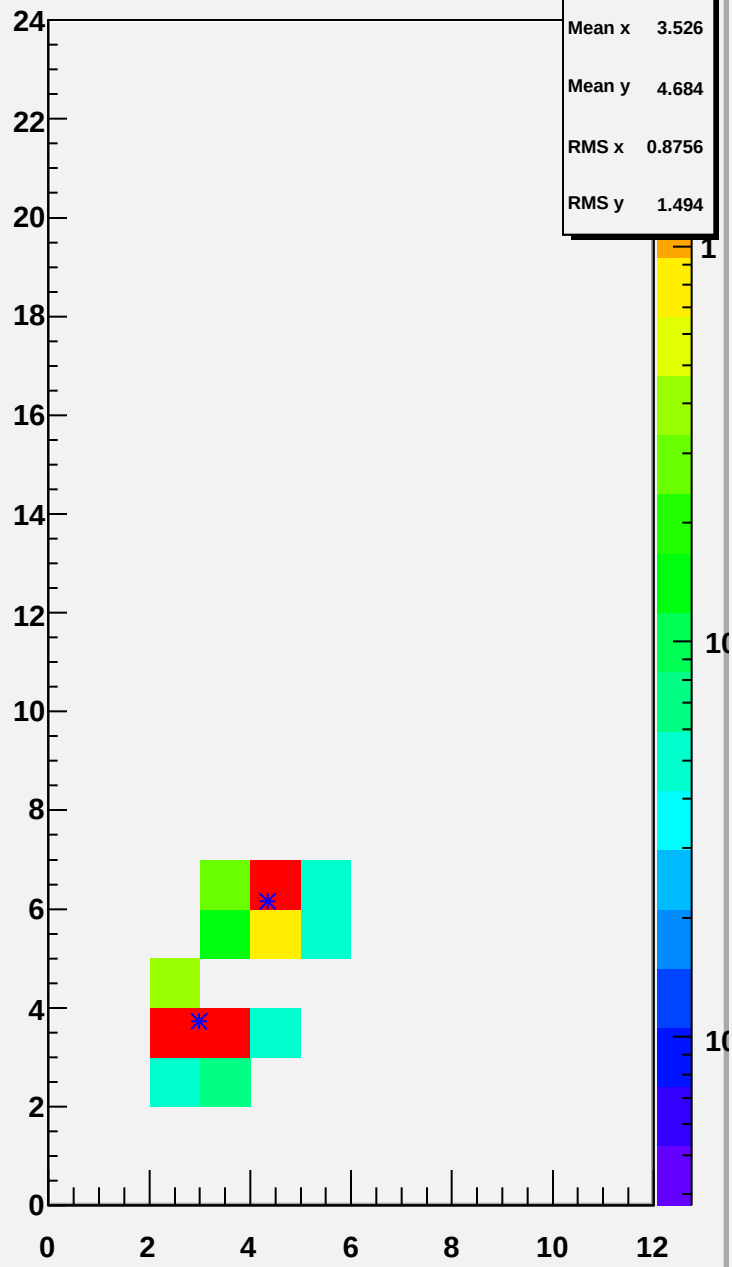
Efit

Entries	288
Mean x	2.327
Mean y	4.425
RMS x	0.6134
RMS y	3.461

NSTB3_r4_c3_En=12.8_m0=0.099 m1=0.099 index=1440



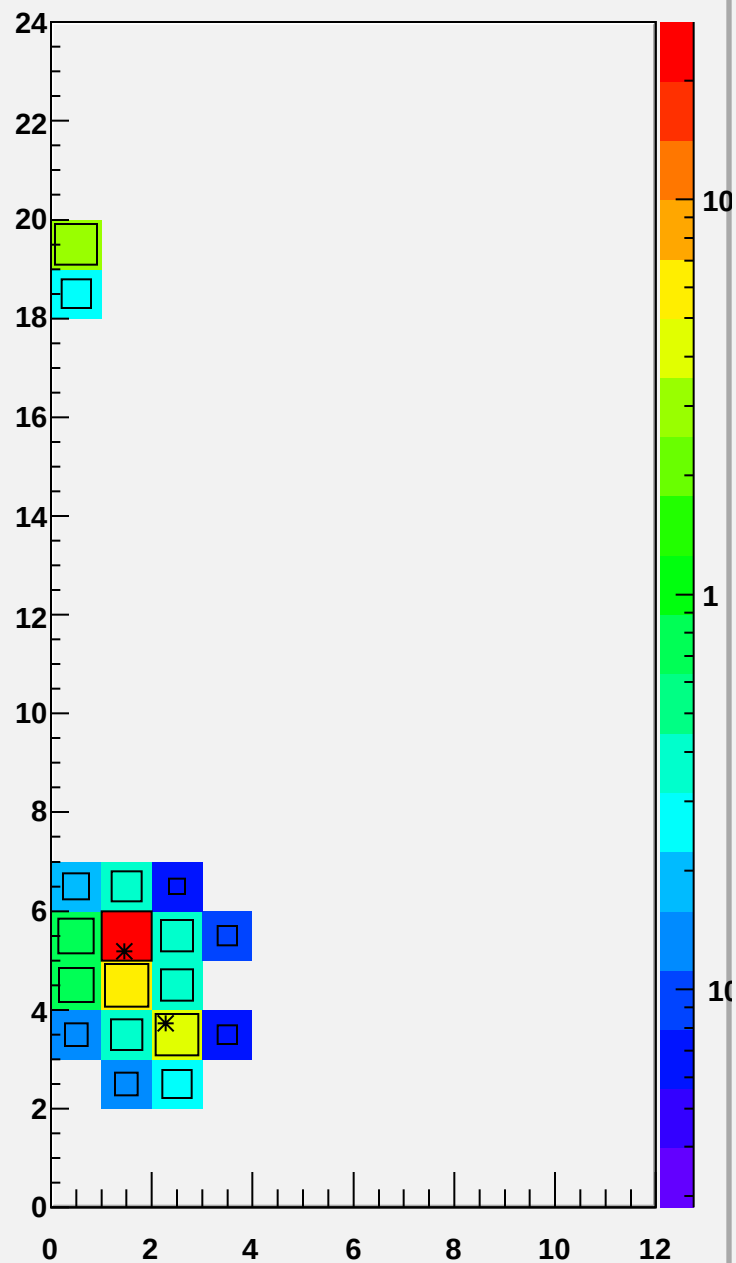
Fitted Energies



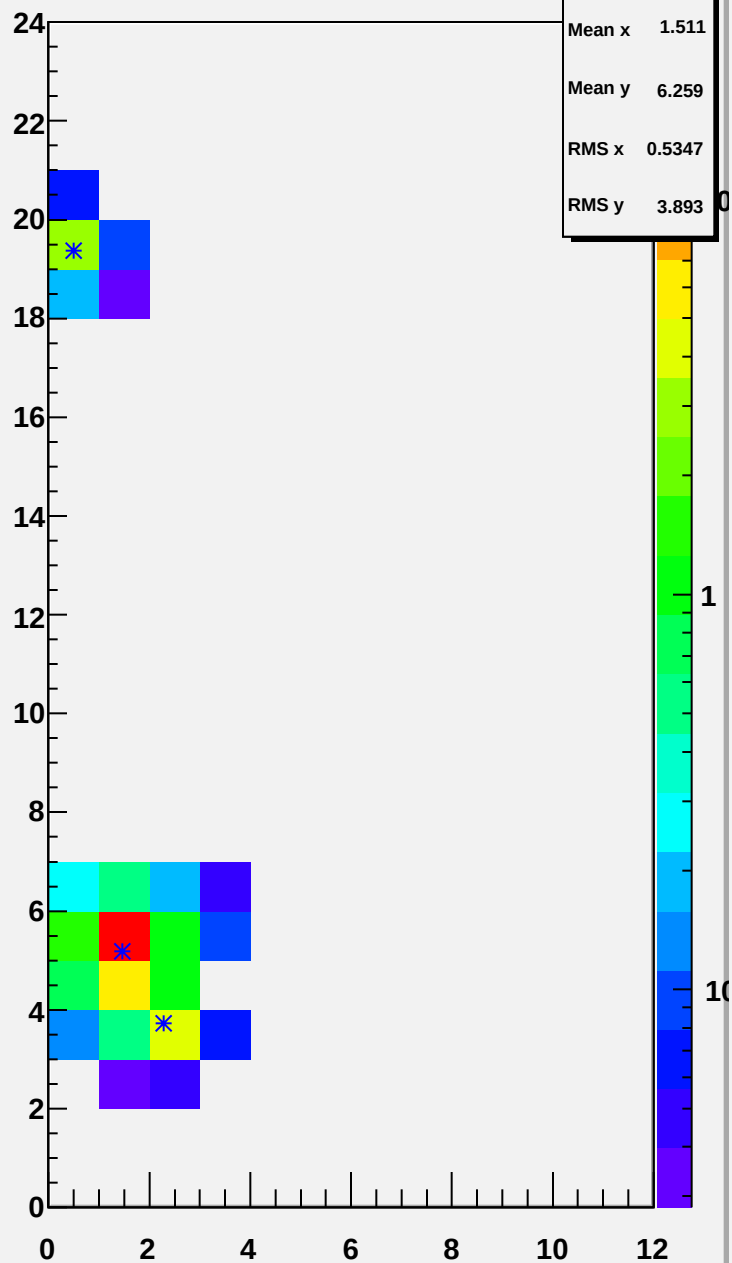
Efit

Entries	288
Mean x	3.526
Mean y	4.684
RMS x	0.8756
RMS y	1.494

NSTB3_r4_c3_En=44.5_m0=0.125_m1=0.125_index=1441



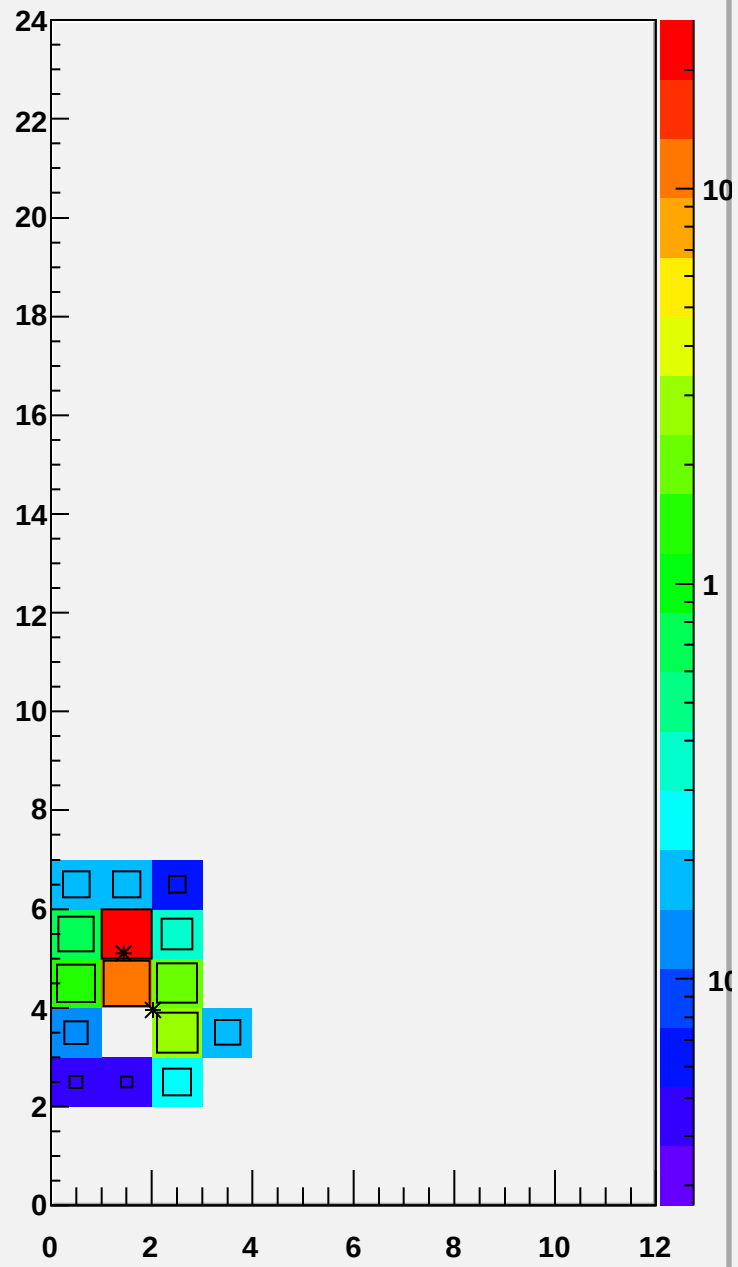
Fitted Energies



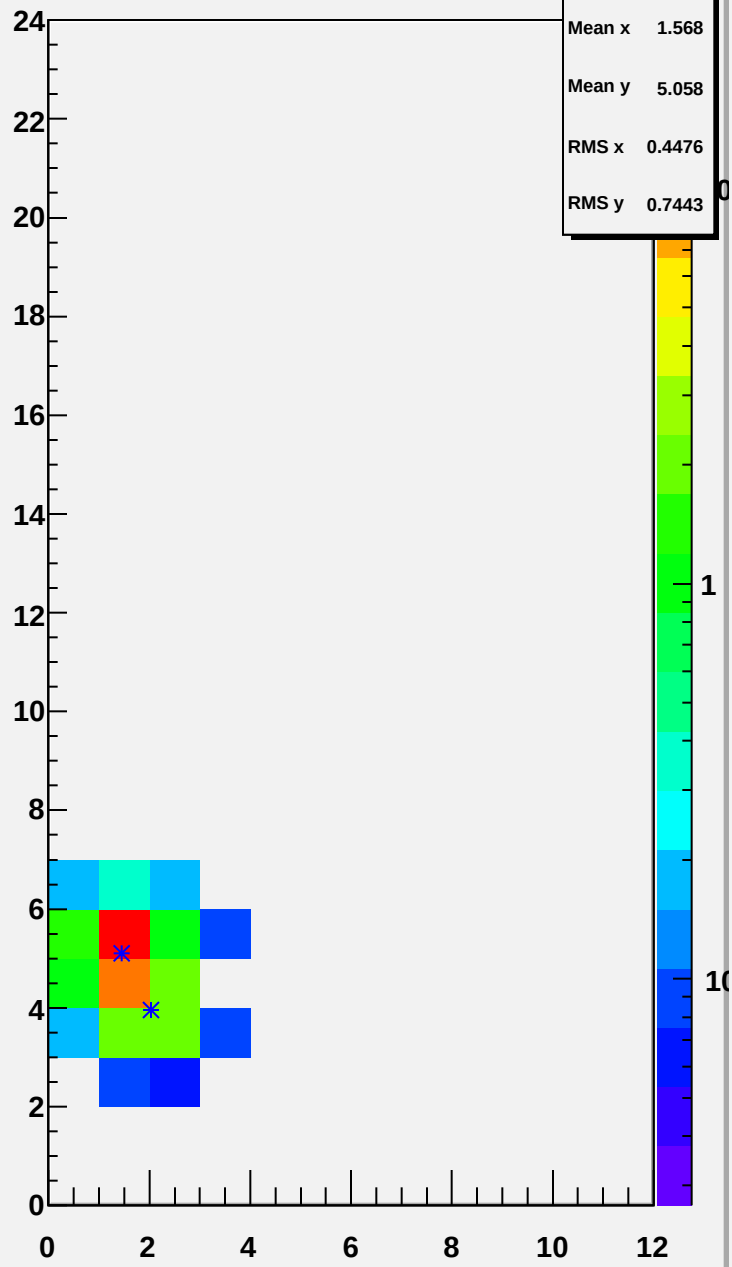
Efit

Entries	288
Mean x	1.511
Mean y	6.259
RMS x	0.5347
RMS y	3.893

NSTB3_r4_c3_En=44.4_m0=0.116 m1=0.115 index=1443



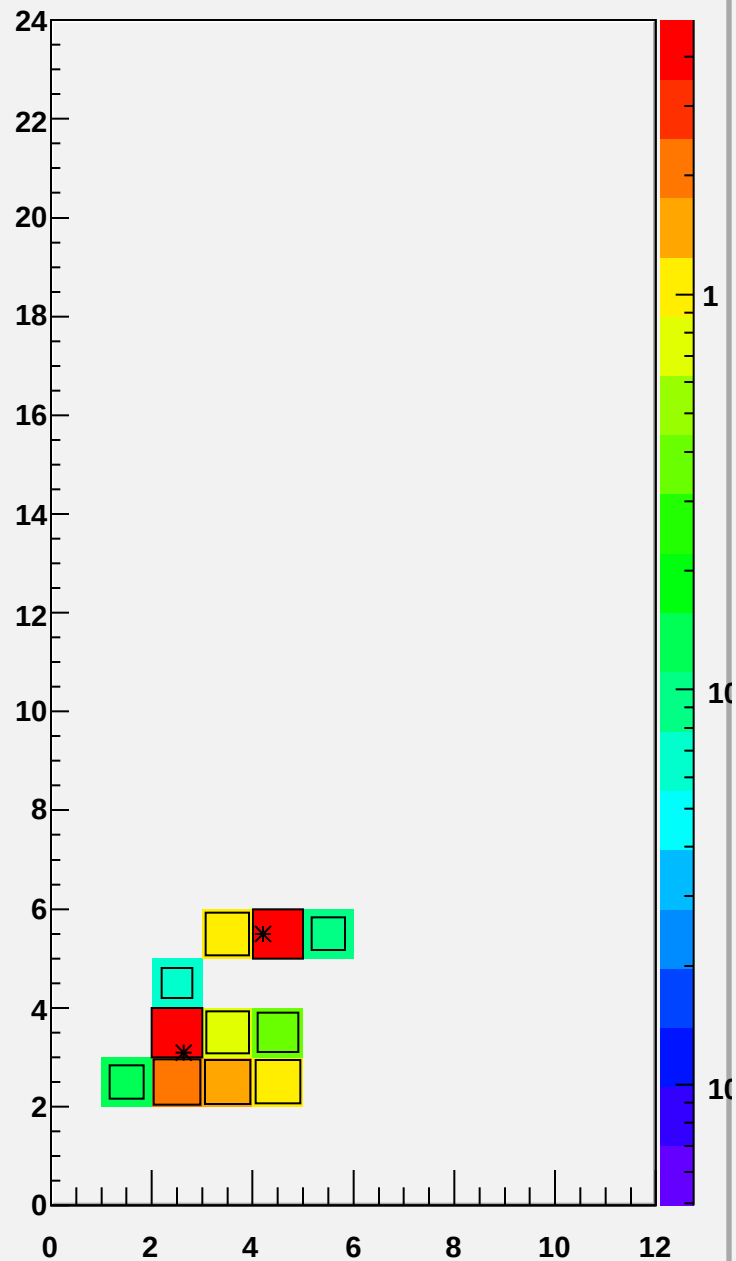
Fitted Energies



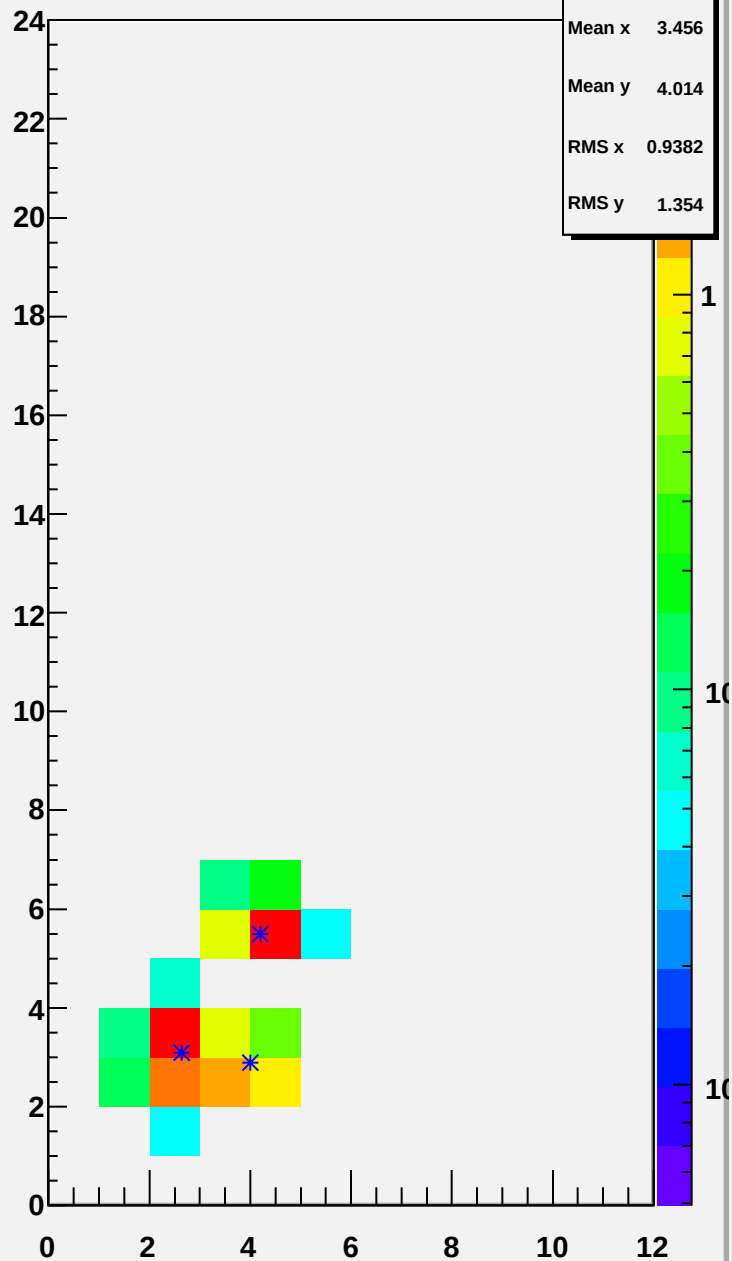
Efit

Entries	288
Mean x	1.568
Mean y	5.058
RMS x	0.4476
RMS y	0.7443

NSTB3_r4_c3_En=16.3_m0=0.113 m1=0.113 index=1444



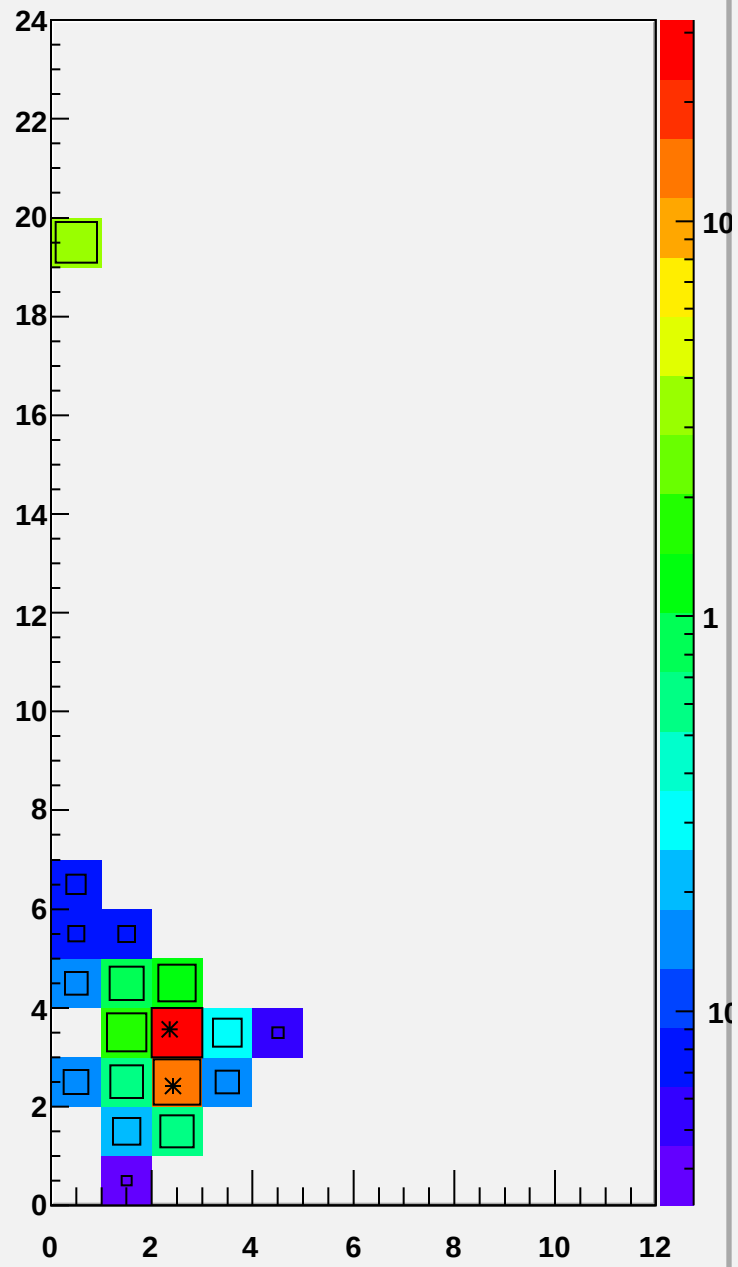
Fitted Energies



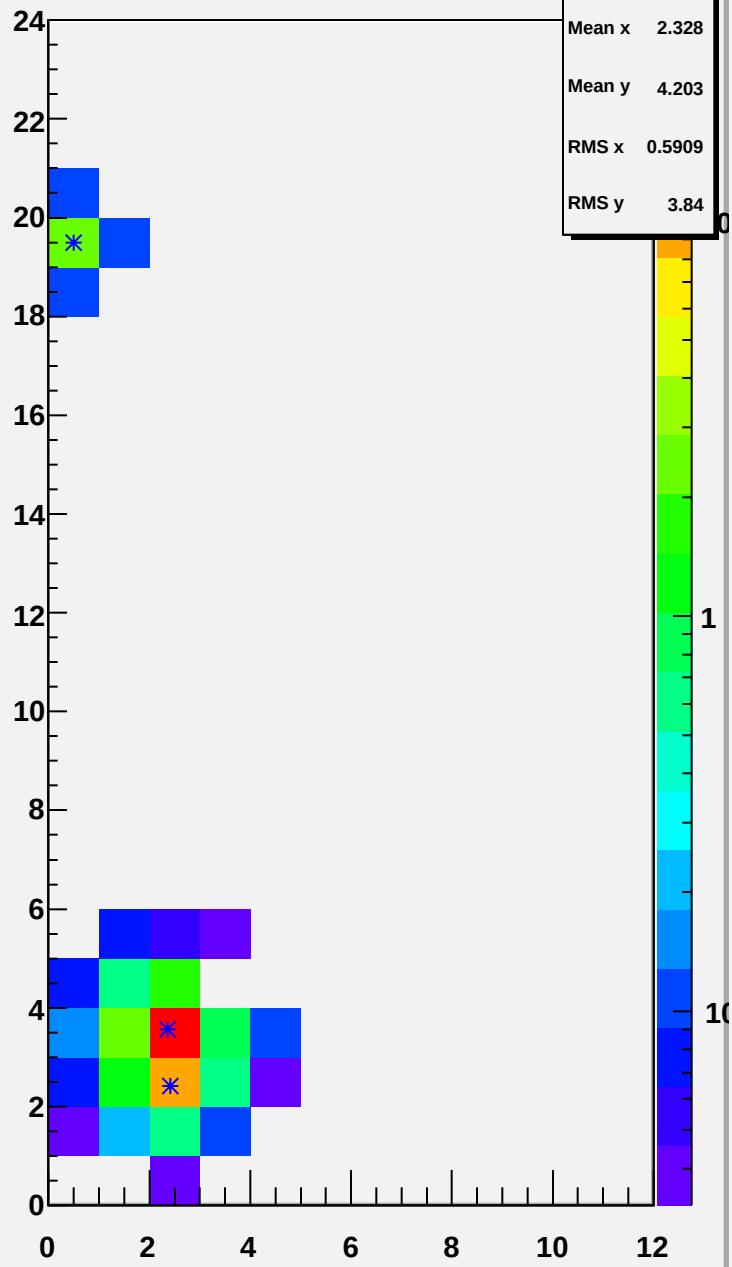
Efit

Entries	288
Mean x	3.456
Mean y	4.014
RMS x	0.9382
RMS y	1.354

NSTB3_r4_c3_En=54.3_m0=0.141 m1=0.141 index=1445



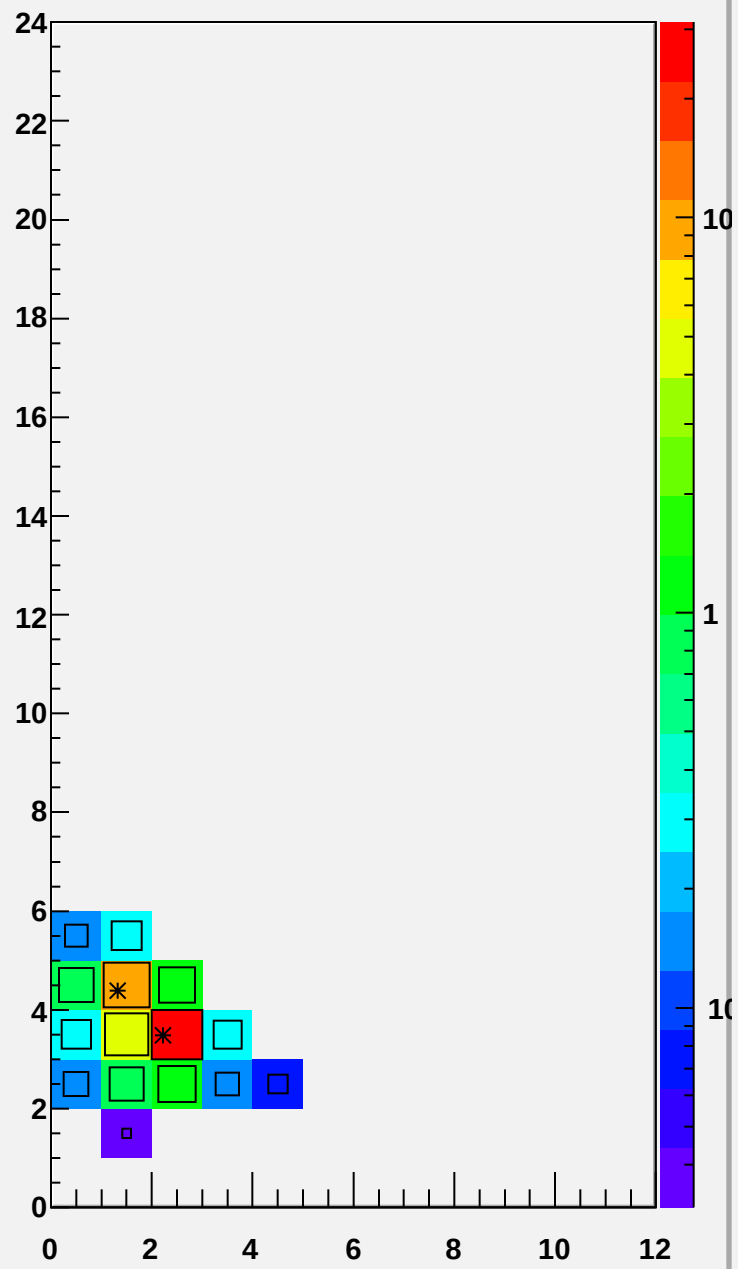
Fitted Energies



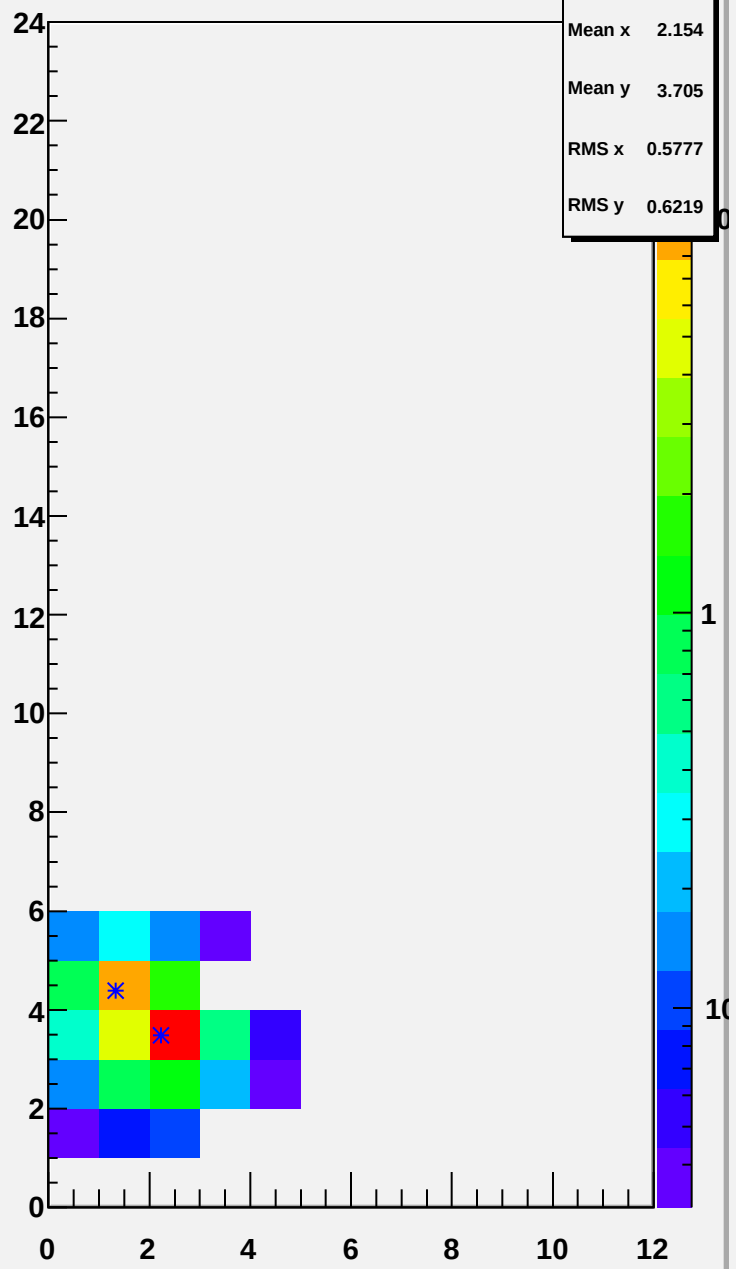
Efit

Entries	288
Mean x	2.328
Mean y	4.203
RMS x	0.5909
RMS y	3.84

NSTB3_r4_c3_En=50.5_m0=0.152 m1=0.152 index=1446



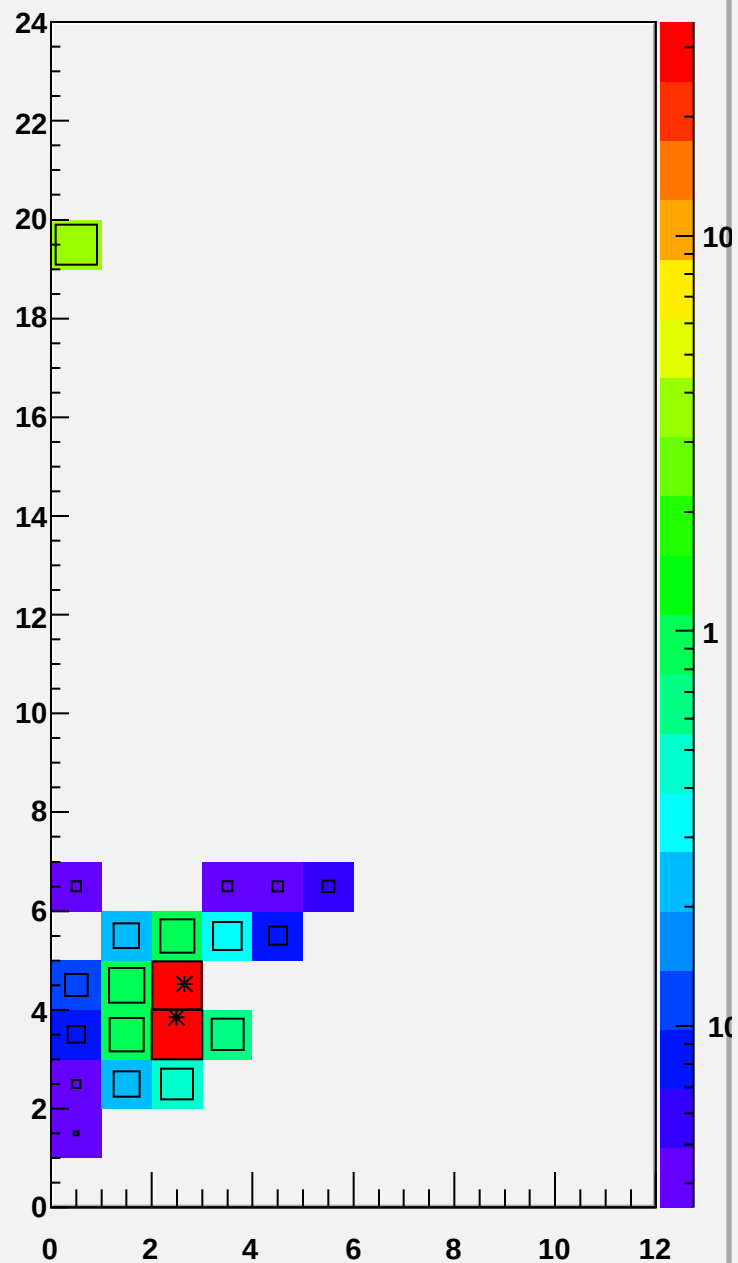
Fitted Energies



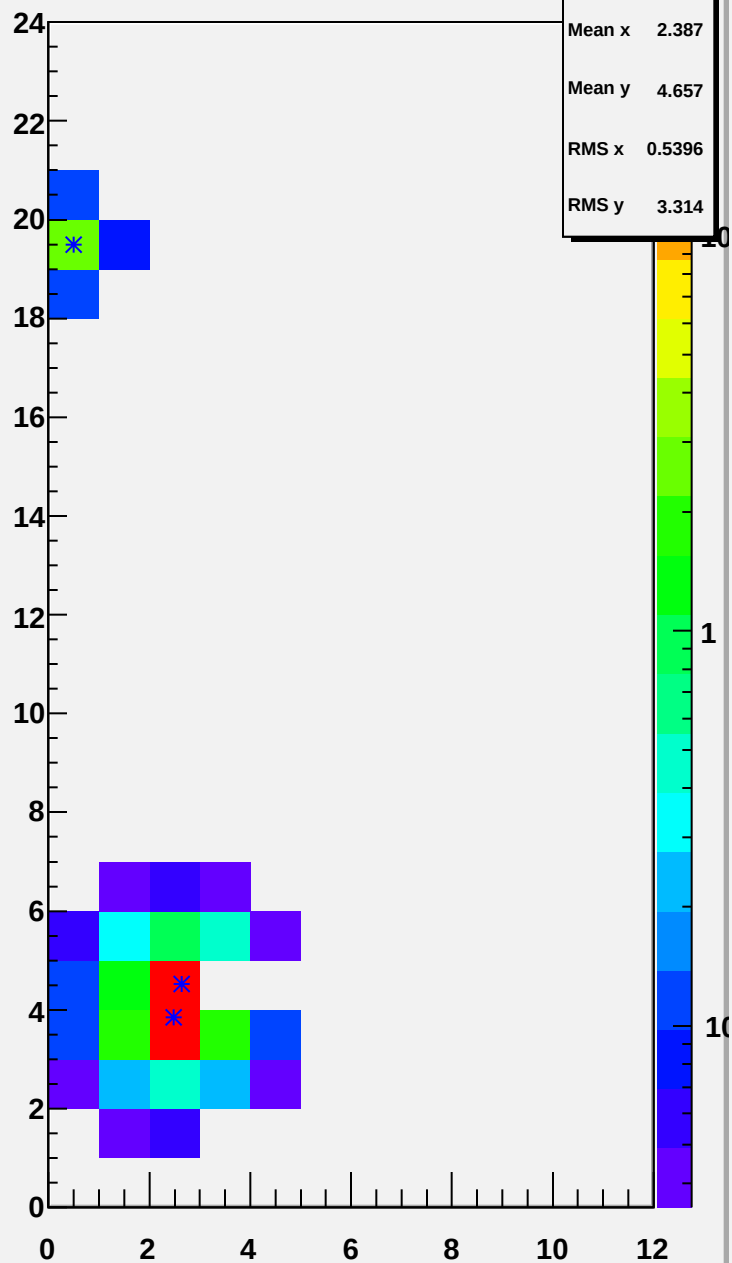
Efit

Entries	288
Mean x	2.154
Mean y	3.705
RMS x	0.5777
RMS y	0.6219

NSTB3_r4_c3_En=68.4_m0=0.119 m1=0.120 index=1447



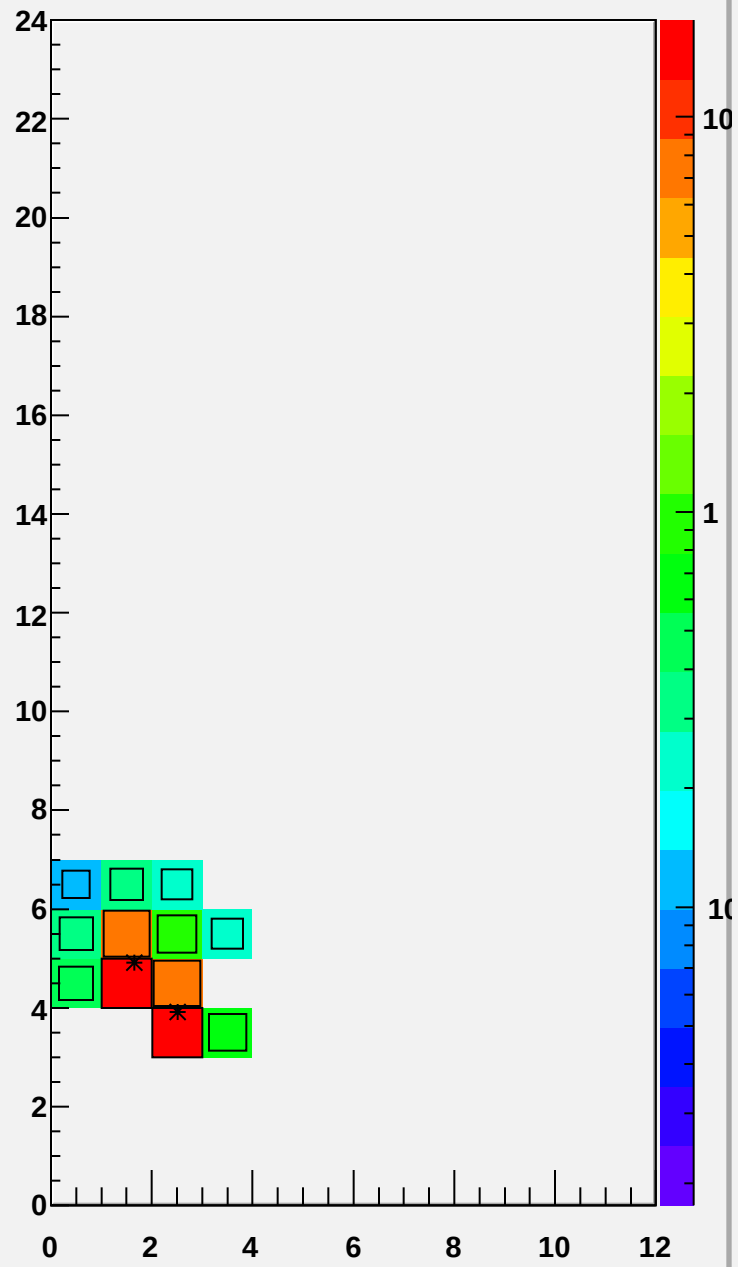
Fitted Energies



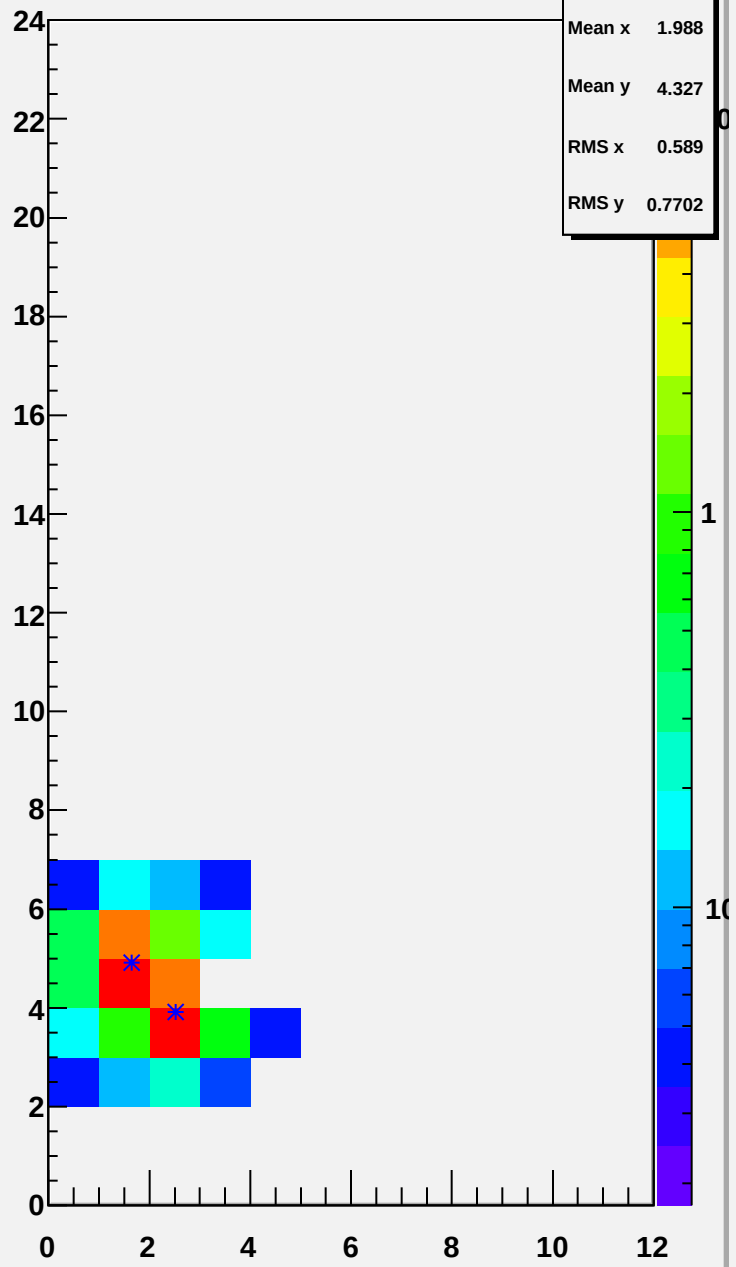
Efit

Entries	288
Mean x	2.387
Mean y	4.657
RMS x	0.5396
RMS y	3.314

NSTB3_r4_c3_En=49.4_m0=0.194 m1=0.194 index=1448



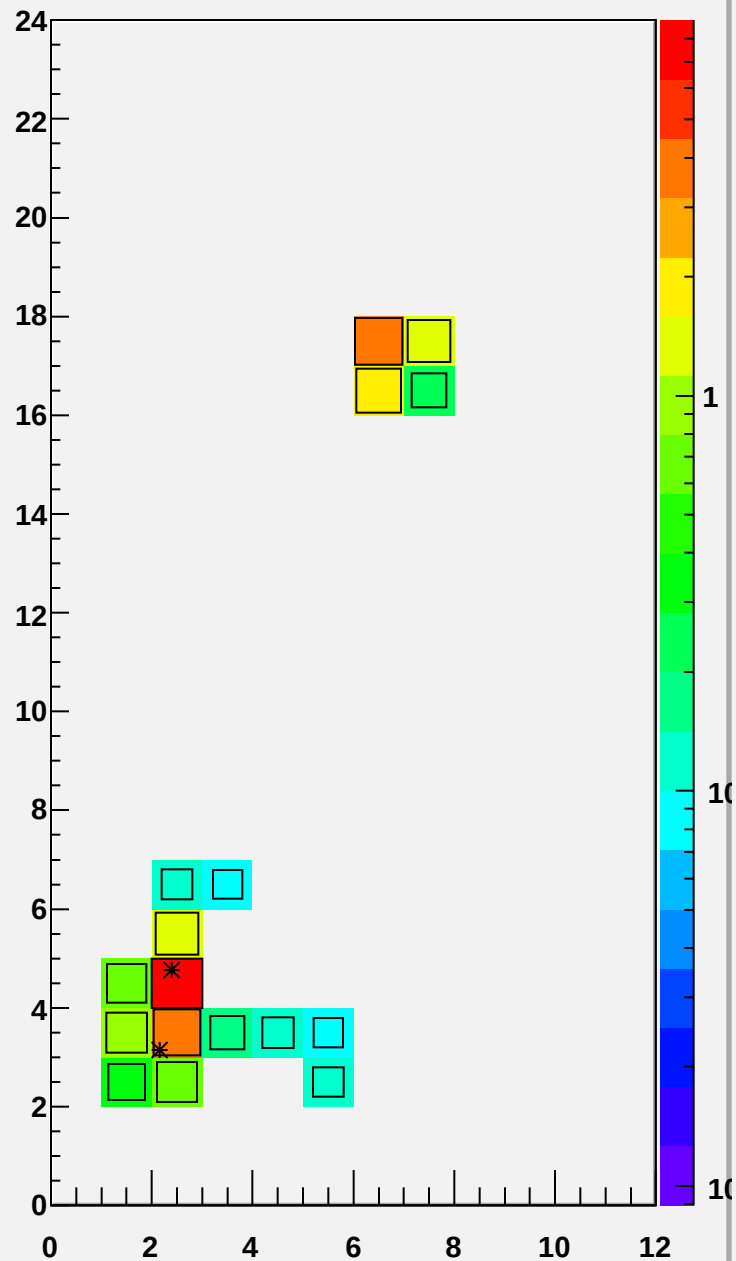
Fitted Energies



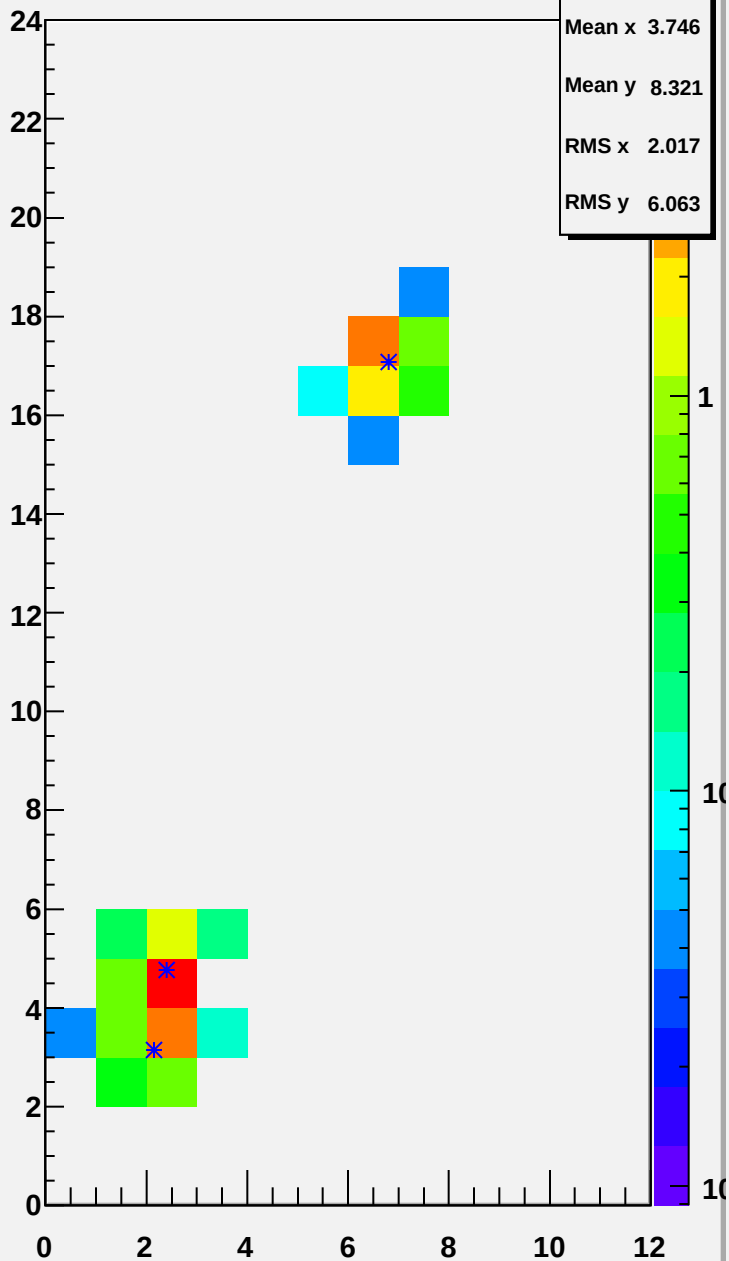
Efit

Entries	288
Mean x	1.988
Mean y	4.327
RMS x	0.589
RMS y	0.7702

NSTB3_r4_c3_En=24.7_m0=0.072 m1=0.072 index=1449



Fitted Energies



Efit

Entries 288

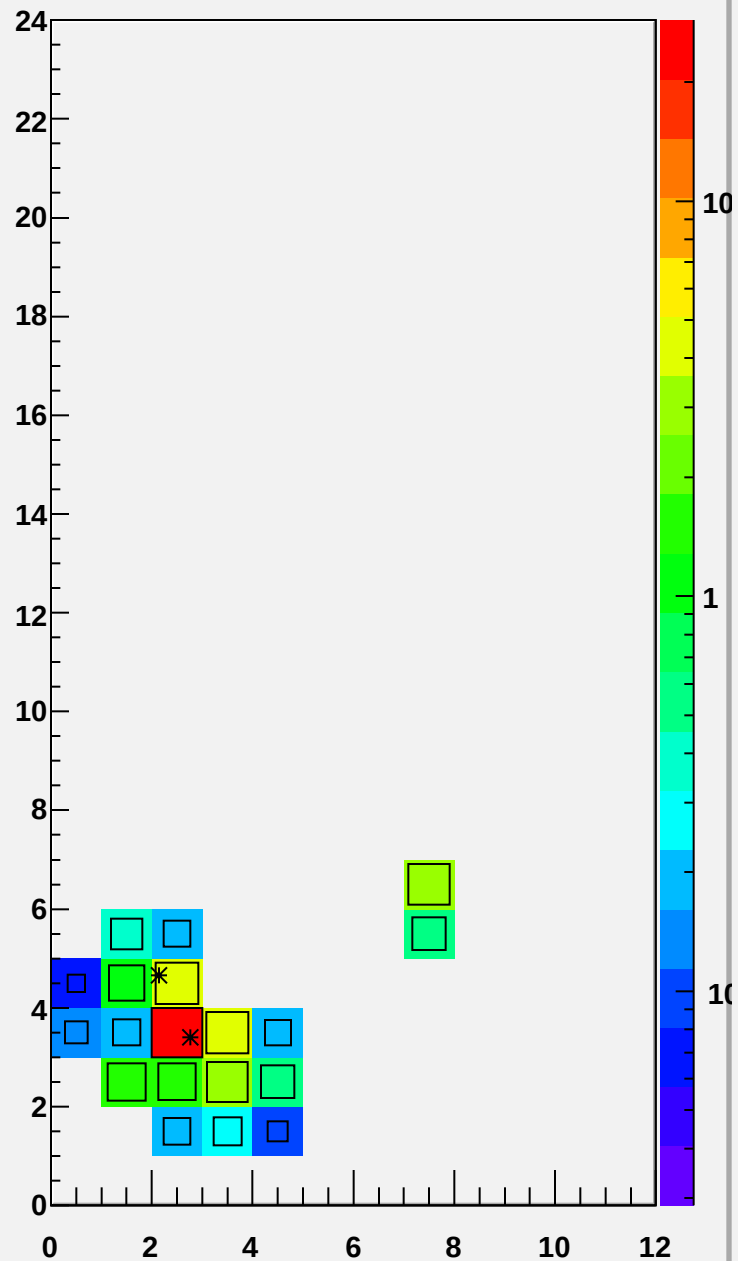
Mean x 3.746

Mean y 8.321

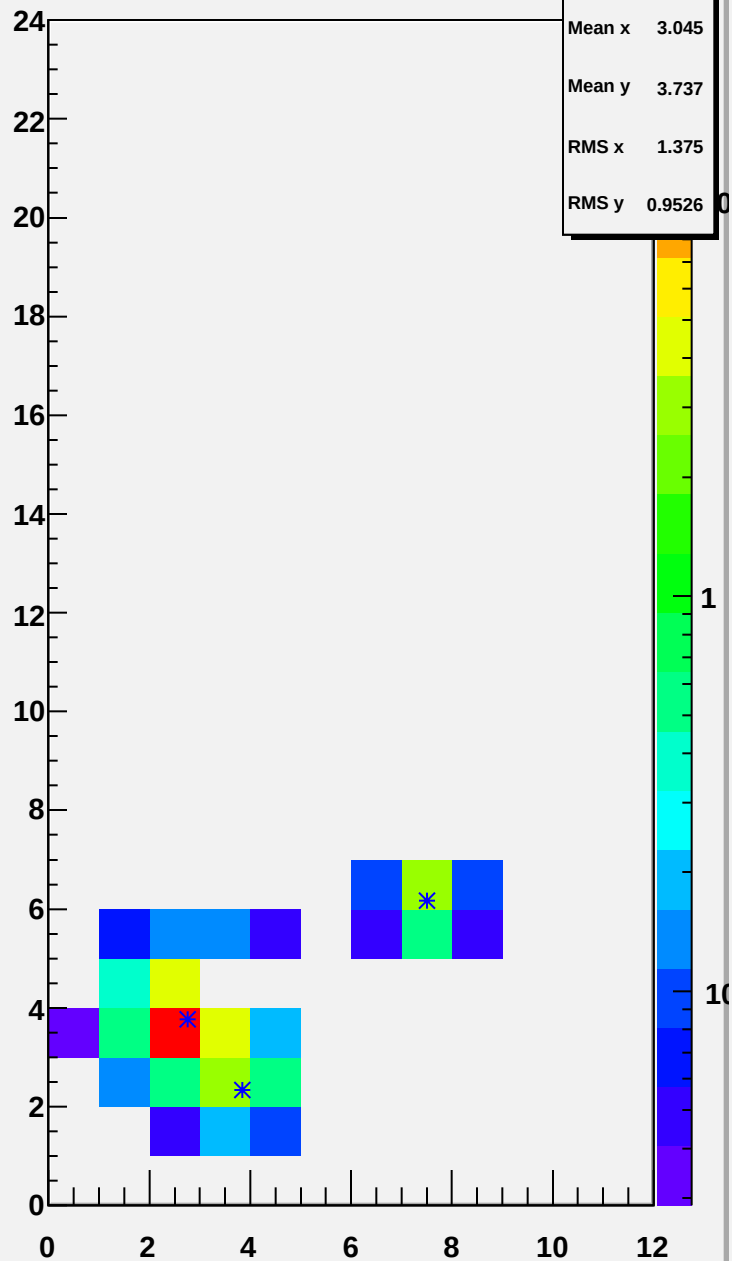
RMS x 2.017

RMS y 6.063

NSTB3_r4_c3_En=48.1_m0=0.099 m1=0.000 index=1450



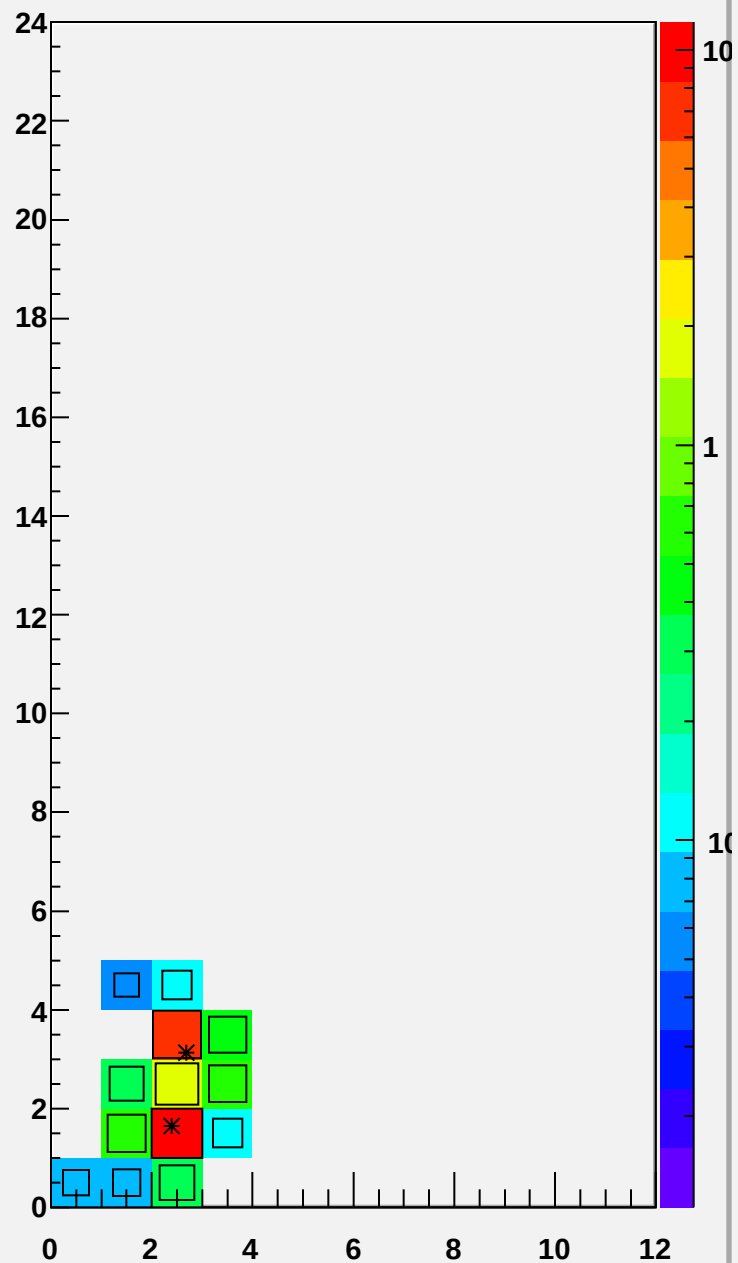
Fitted Energies



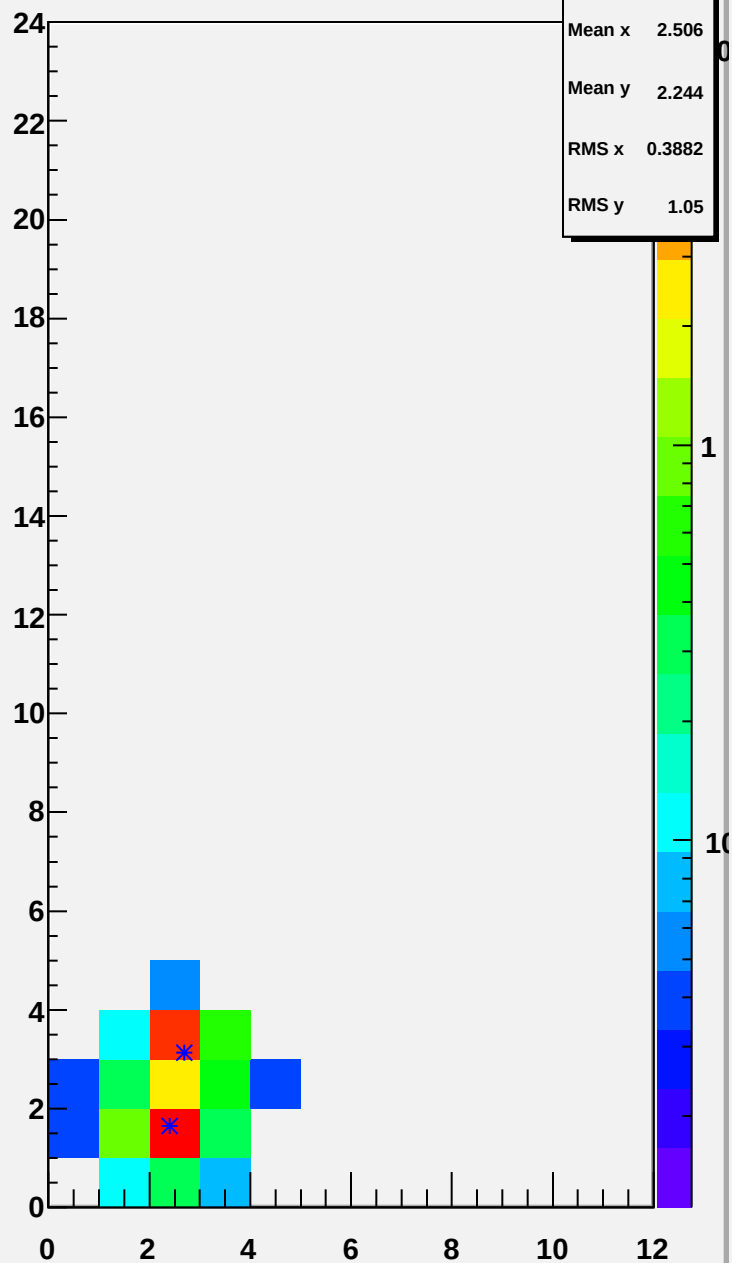
Efit

Entries	288
Mean x	3.045
Mean y	3.737
RMS x	1.375
RMS y	0.9526

NSTB3_r4_c3_En=22.4_m0=0.098 m1=0.098 index=1451



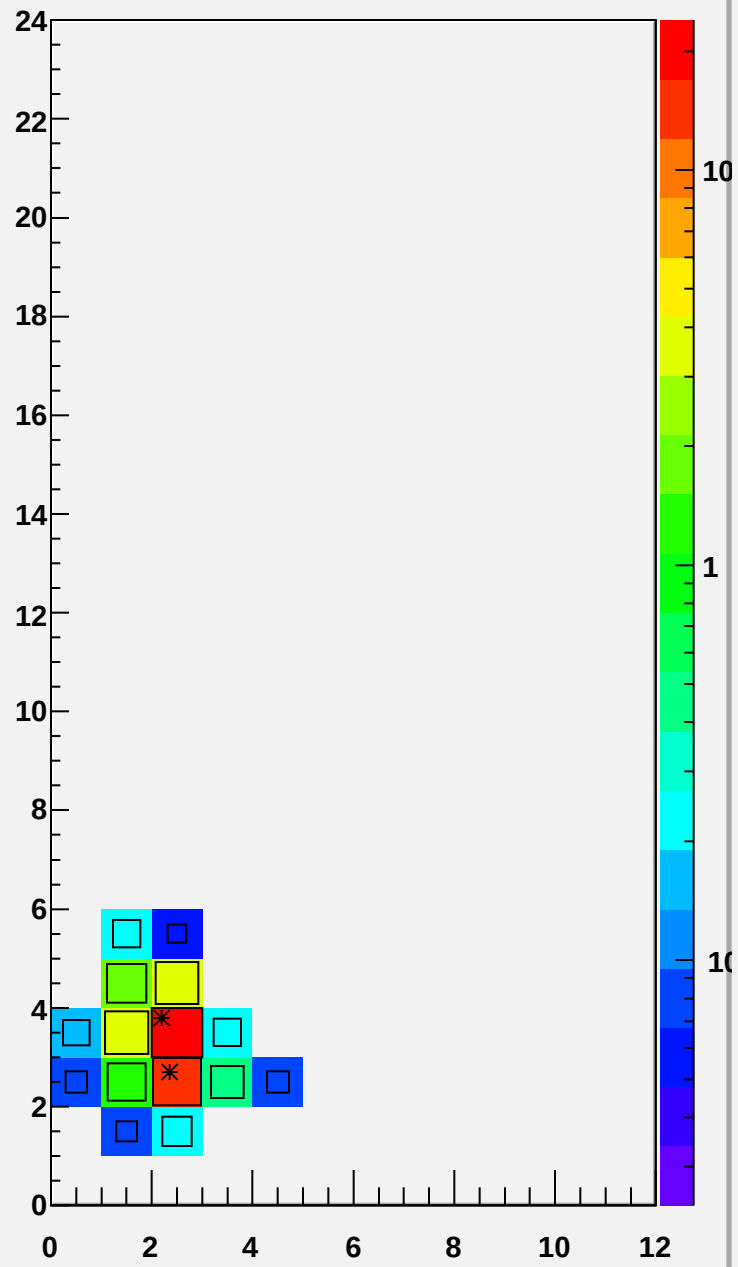
Fitted Energies



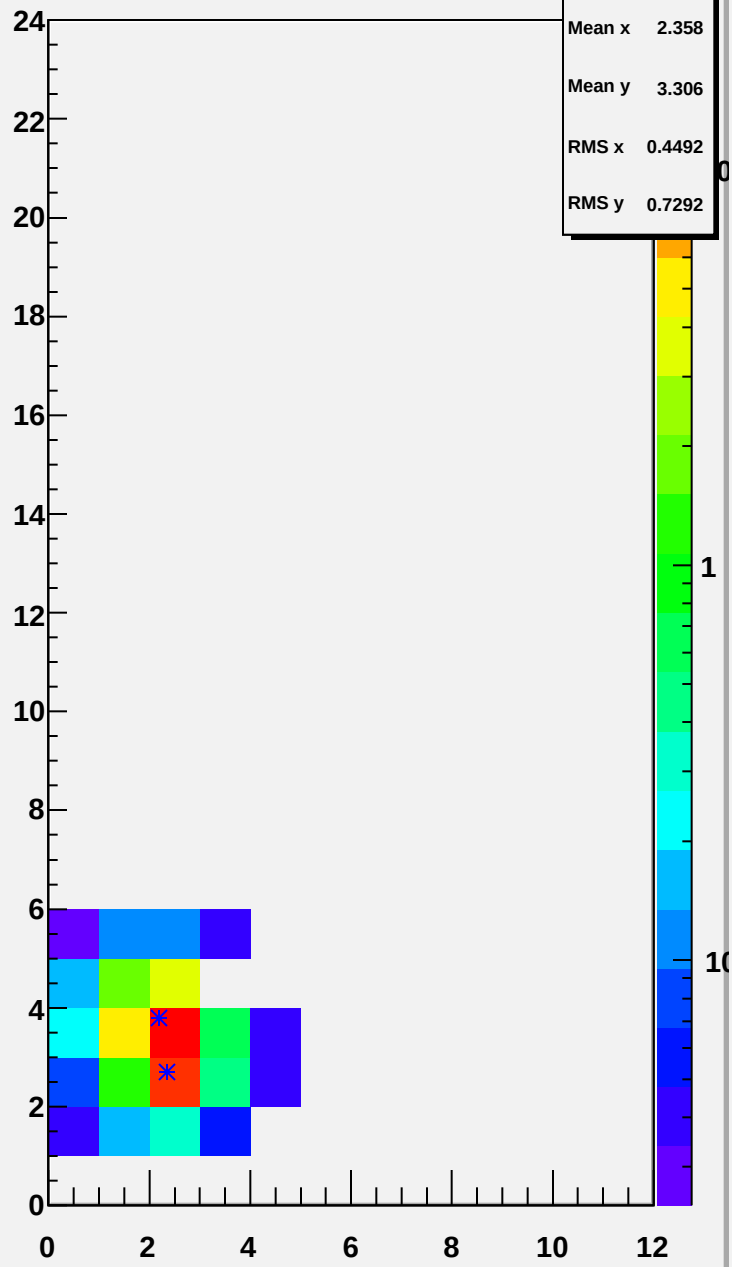
Efit

Entries	288
Mean x	2.506
Mean y	2.244
RMS x	0.3882
RMS y	1.05

NSTB3_r4_c3_En=49.6_m0=0.144 m1=0.144 index=1452



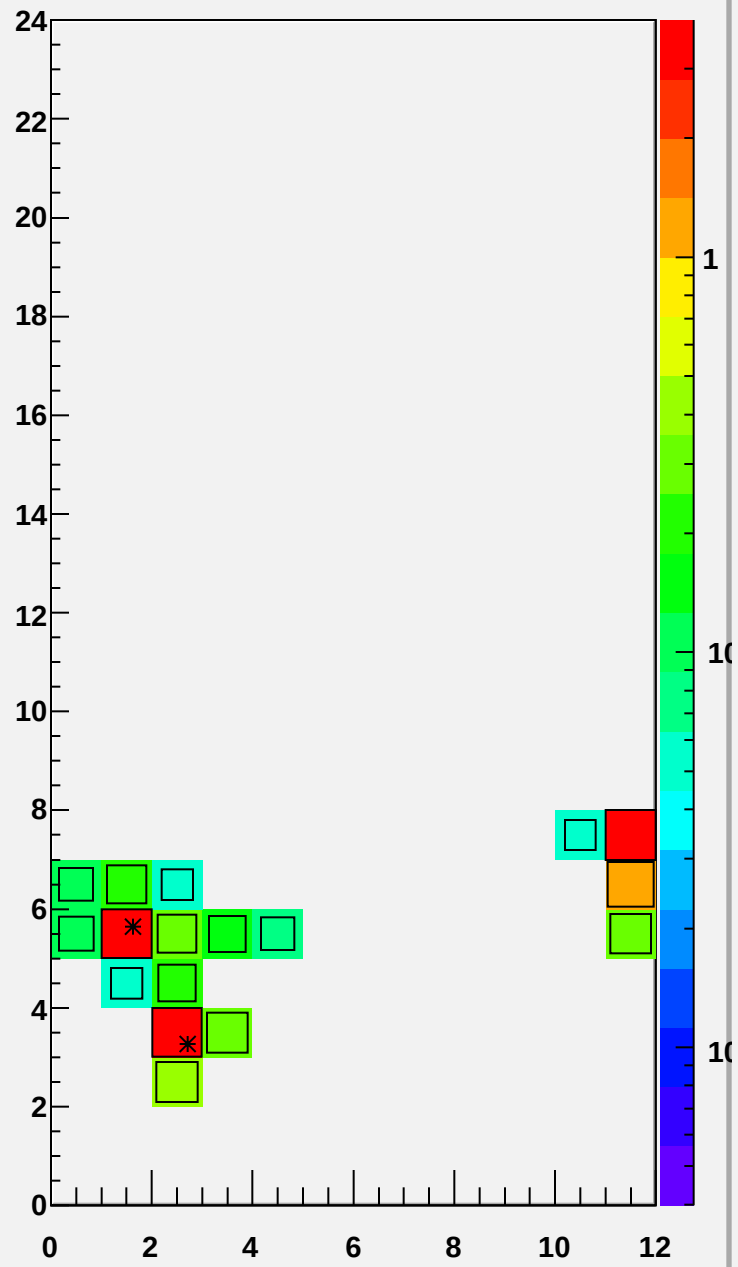
Fitted Energies



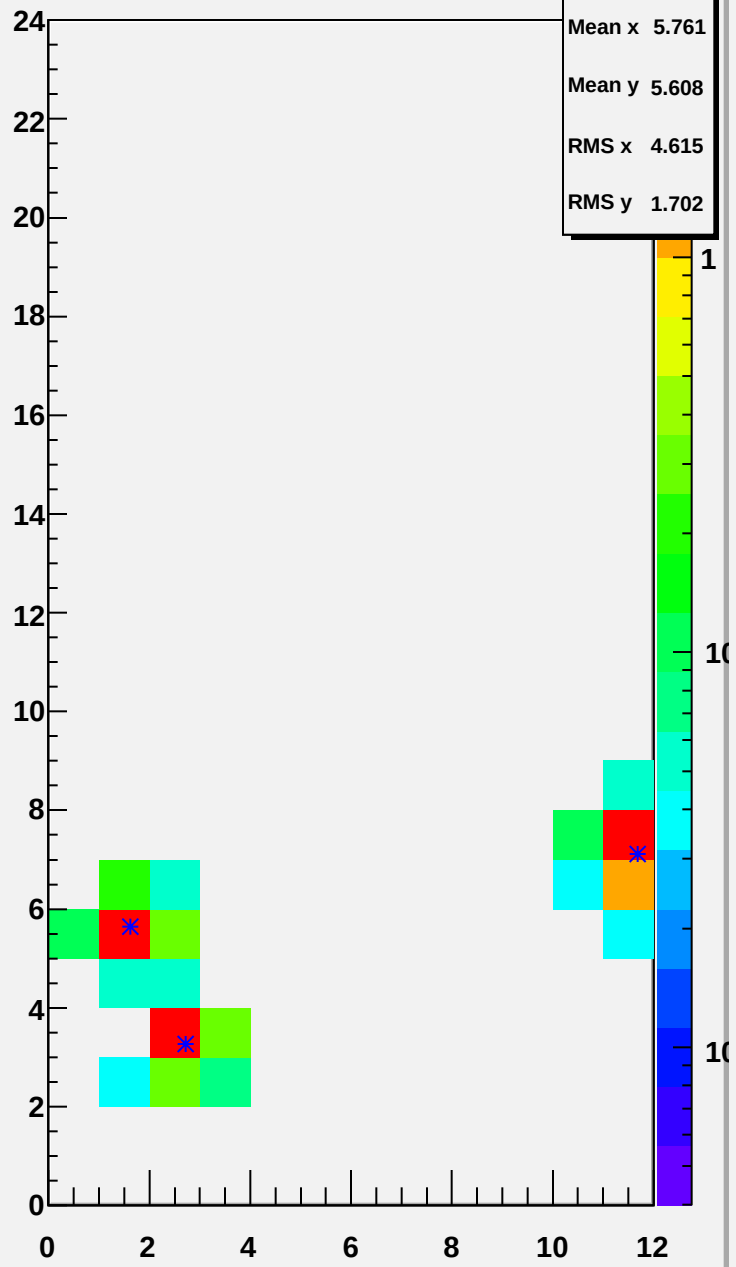
Efit

Entries	288
Mean x	2.358
Mean y	3.306
RMS x	0.4492
RMS y	0.7292

NSTB3_r4_c3_En=14.1_m0=0.062 m1=0.062 index=1453



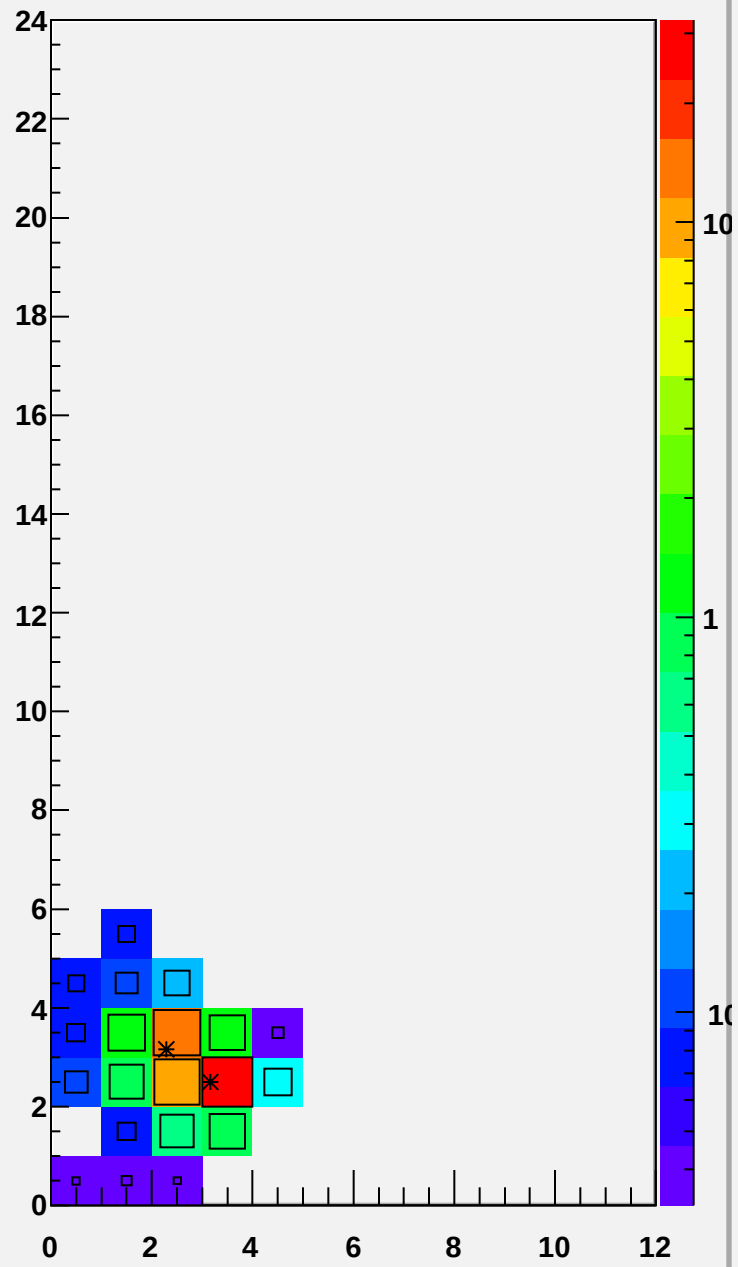
Fitted Energies



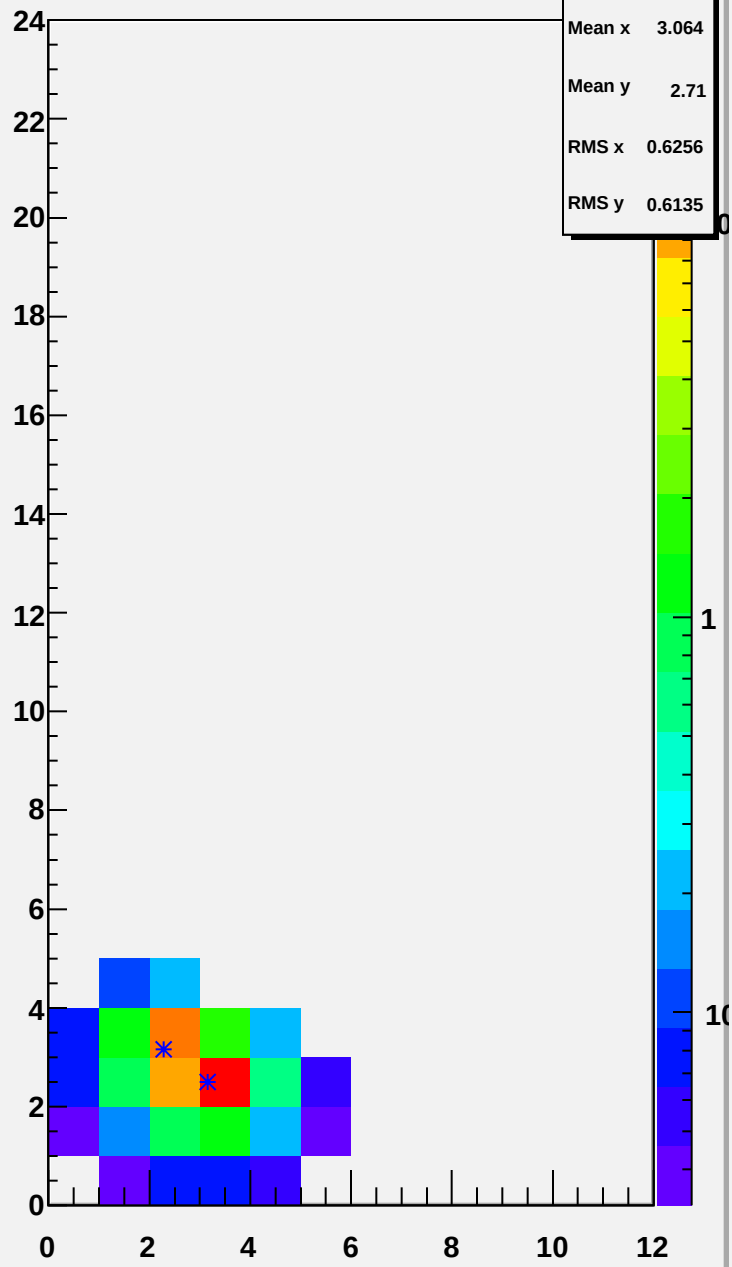
Efit

Entries 288
Mean x 5.761
Mean y 5.608
RMS x 4.615
RMS y 1.702

NSTB3_r4_c3_En=59.9_m0=0.158 m1=0.158 index=1454



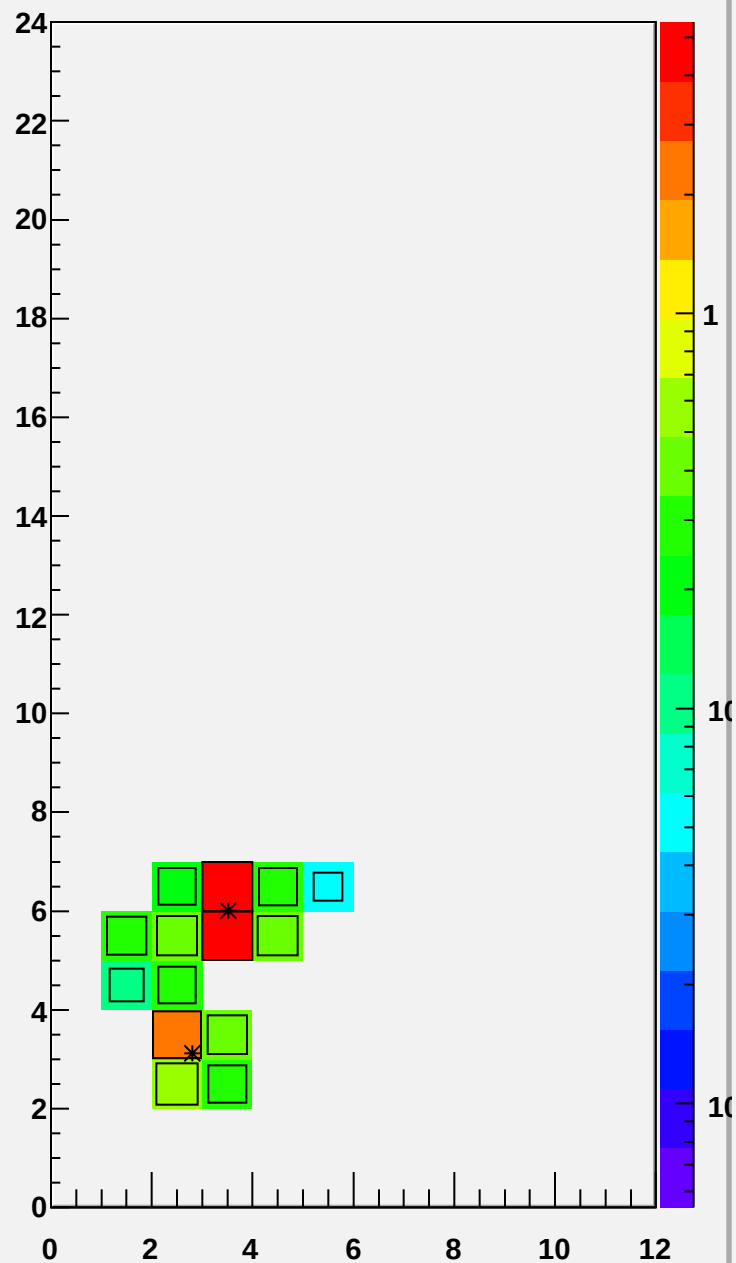
Fitted Energies



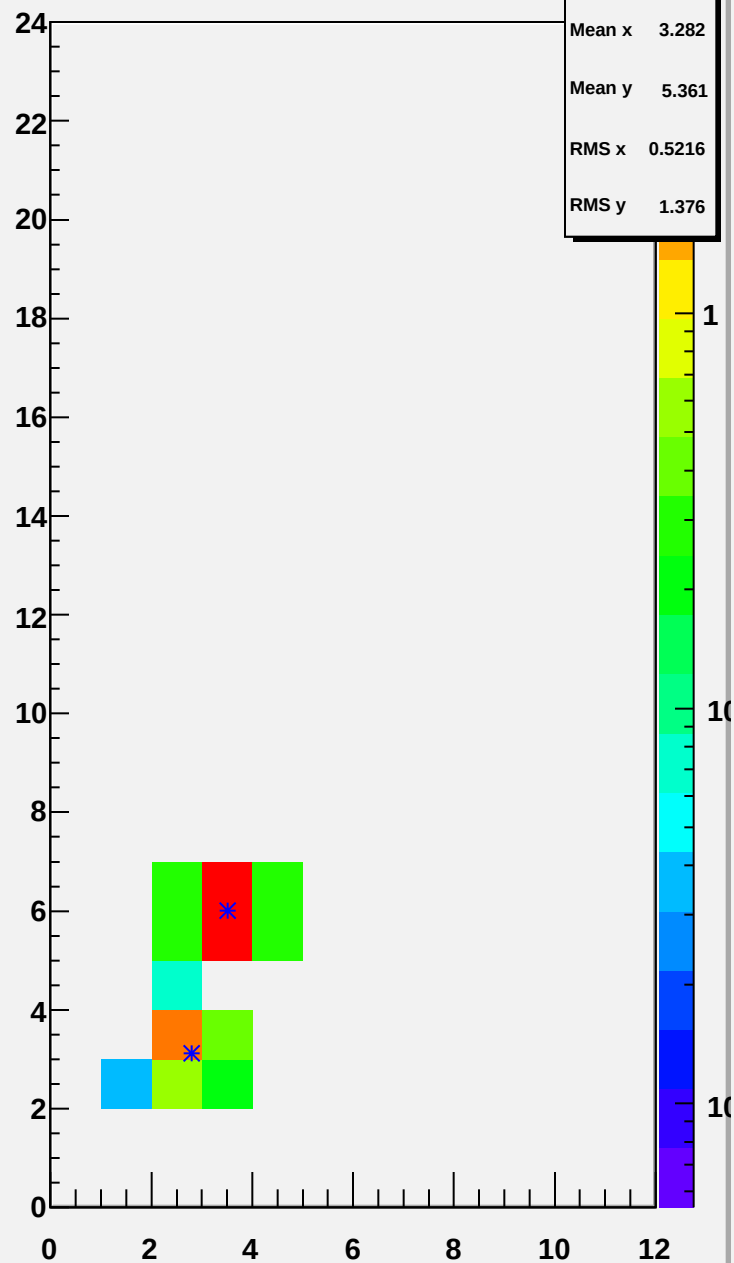
Efit

Entries	288
Mean x	3.064
Mean y	2.71
RMS x	0.6256
RMS y	0.6135

NSTB3_r4_c3_En=15.9_m0=0.114 m1=0.114 index=1455



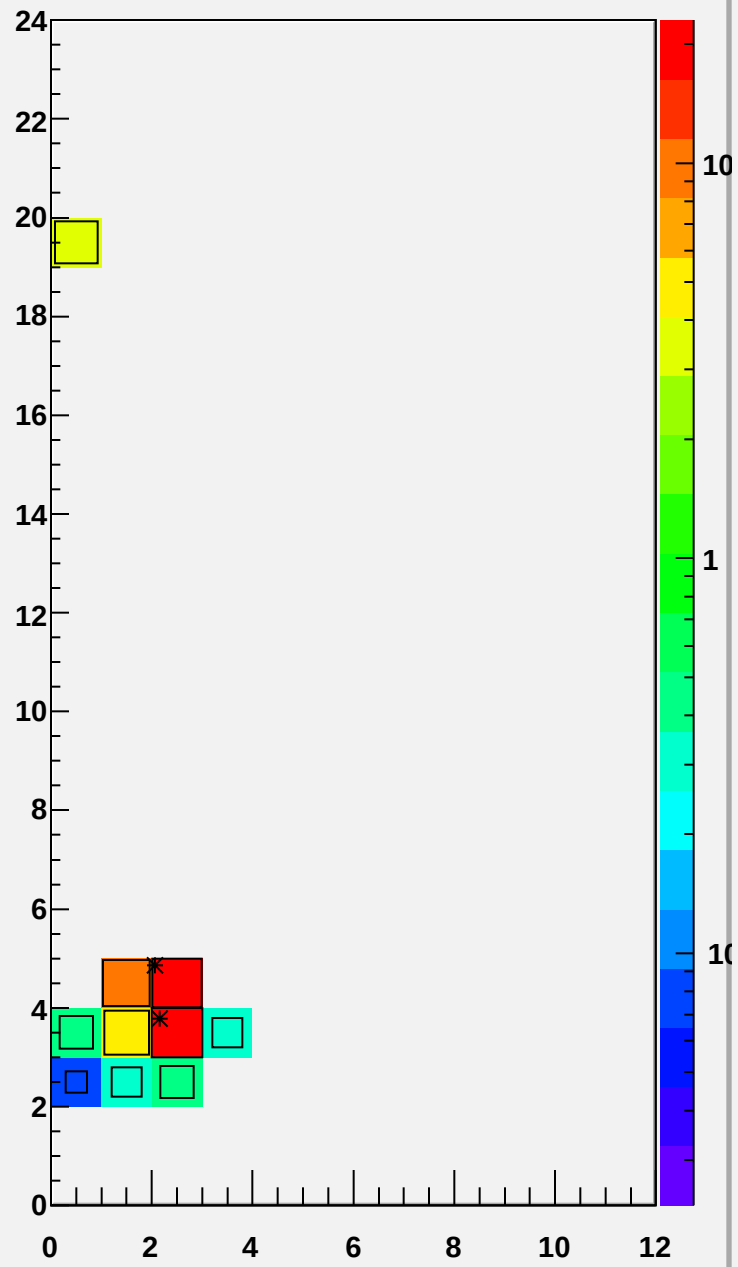
Fitted Energies



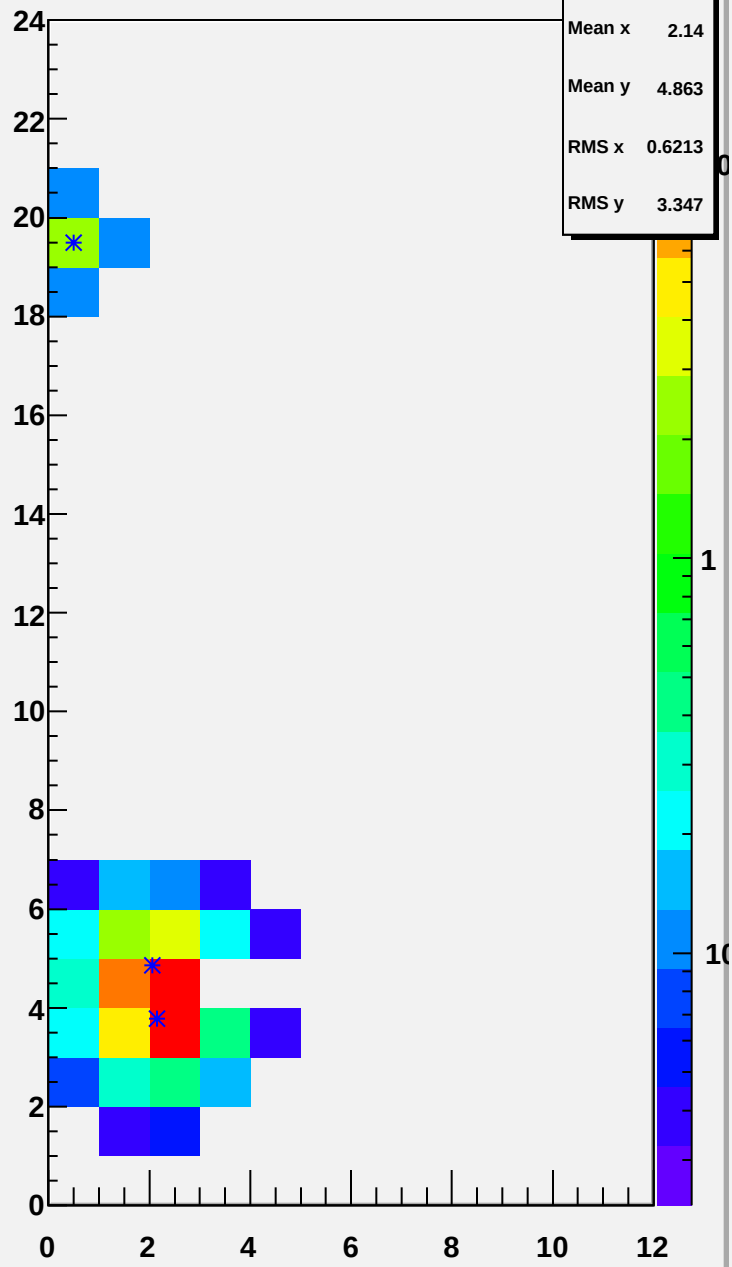
Efit

Entries	288
Mean x	3.282
Mean y	5.361
RMS x	0.5216
RMS y	1.376

NSTB3_r4_c3_En=59.7_m0=0.189_m1=0.190_index=1456



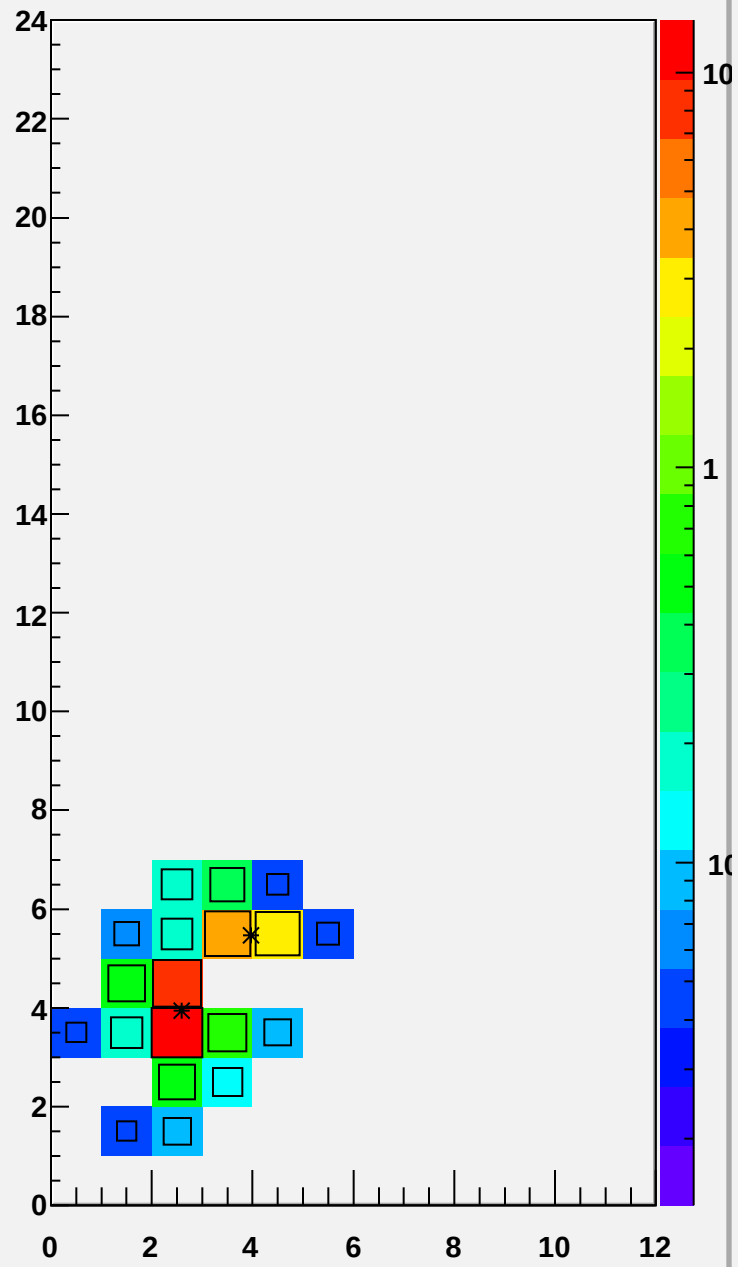
Fitted Energies



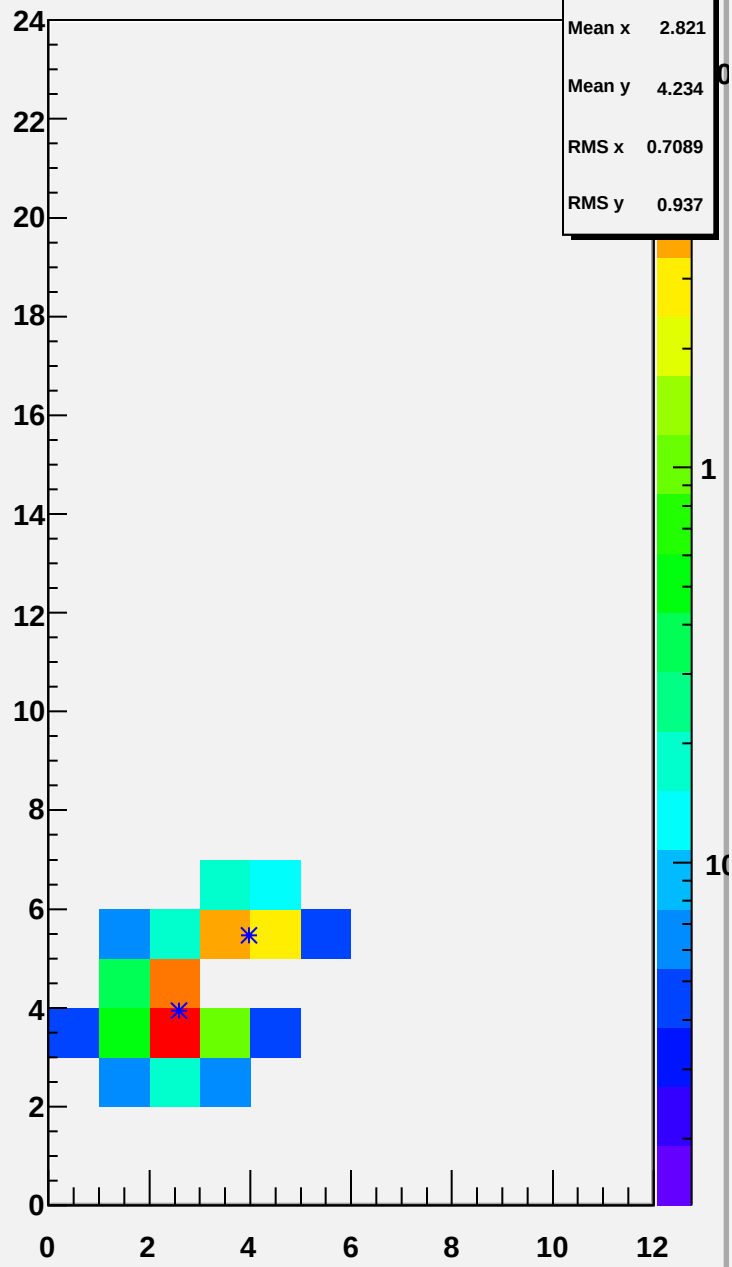
Efit

Entries	288
Mean x	2.14
Mean y	4.863
RMS x	0.6213
RMS y	3.347

NSTB3_r4_c3_En=29.8_m0=0.147 m1=0.147 index=1458



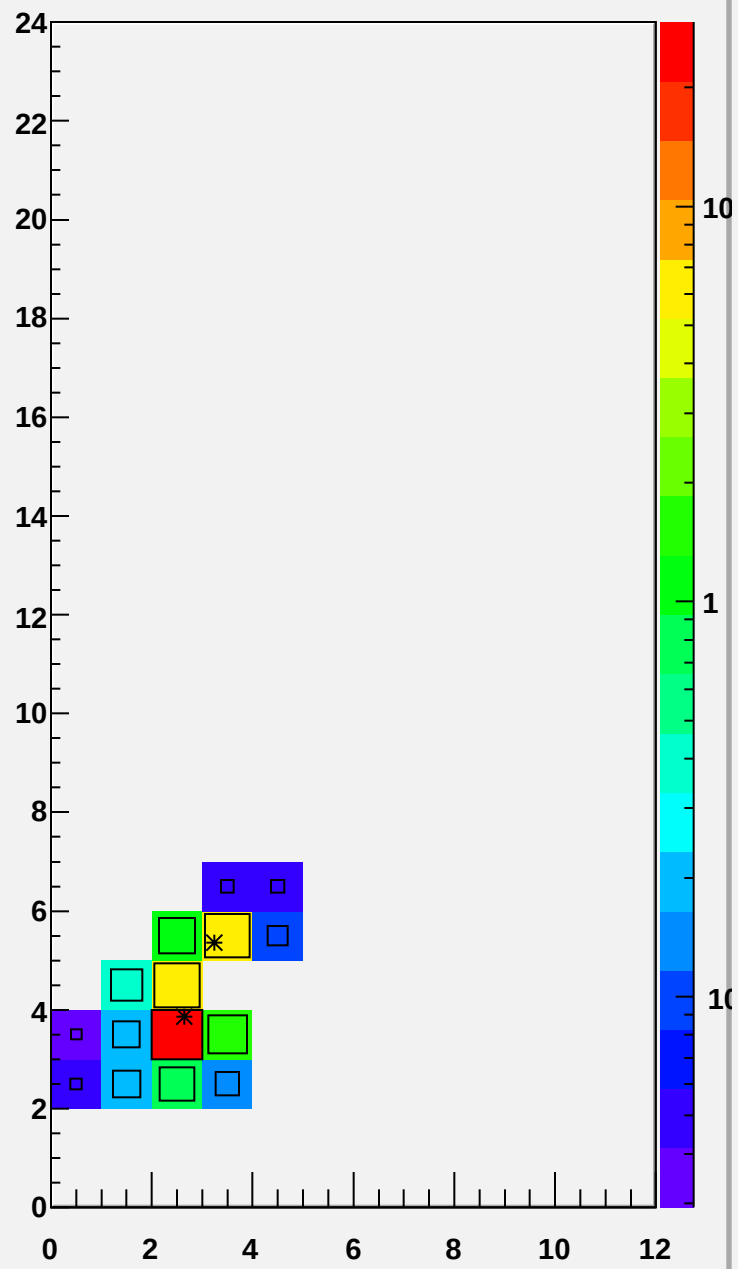
Fitted Energies



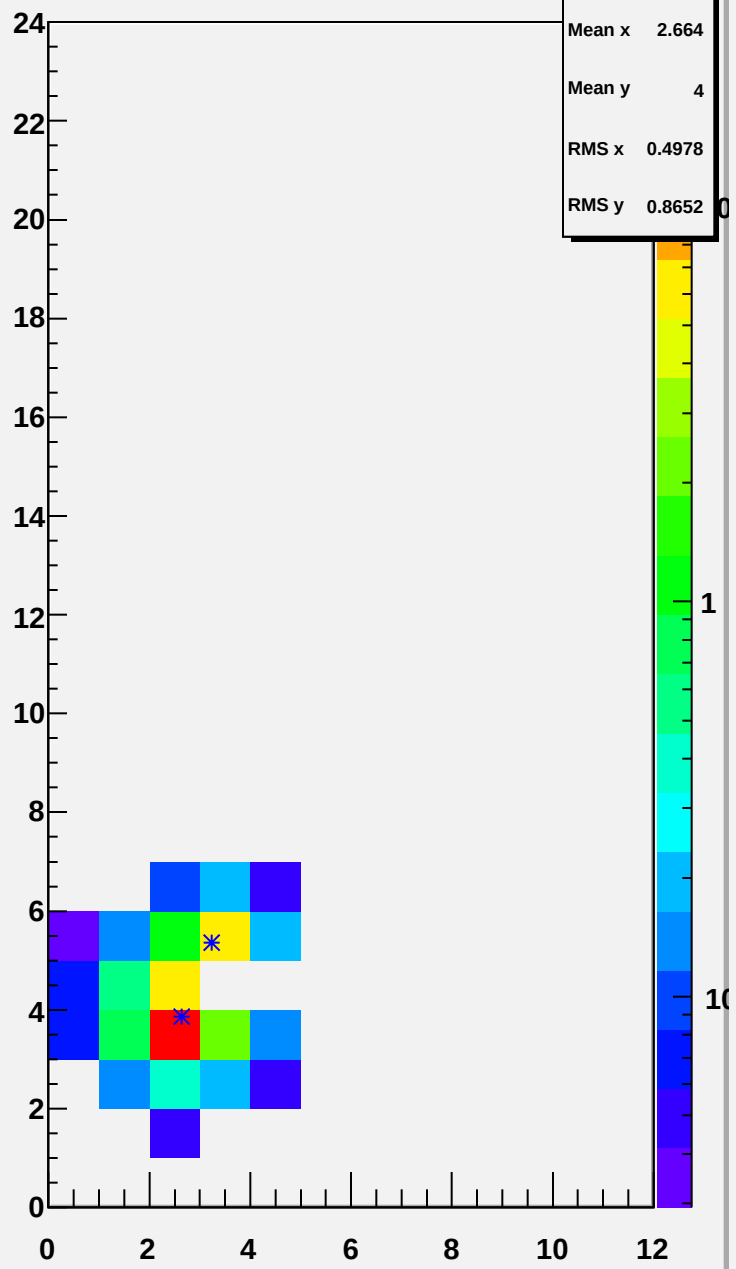
Efit

Entries	288
Mean x	2.821
Mean y	4.234
RMS x	0.7089
RMS y	0.937

NSTB3_r4_c3_En=47.7_m0=0.171 m1=0.170 index=1459



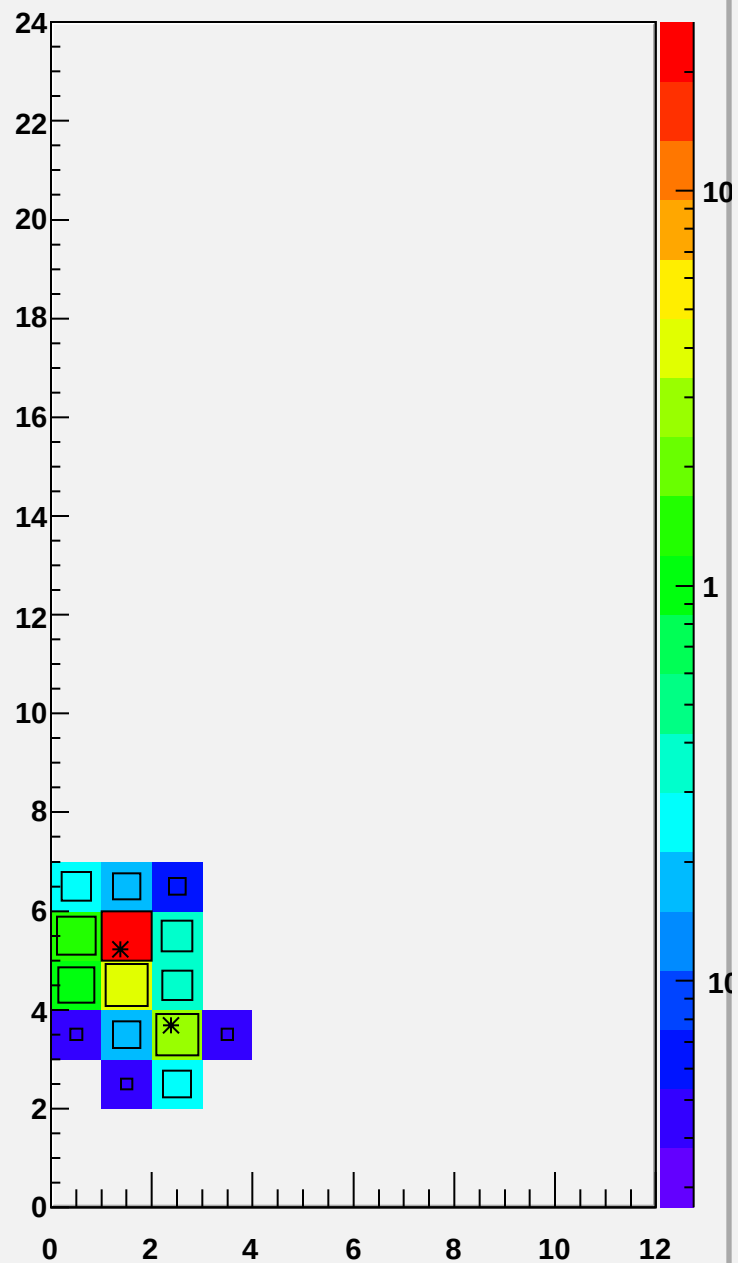
Fitted Energies



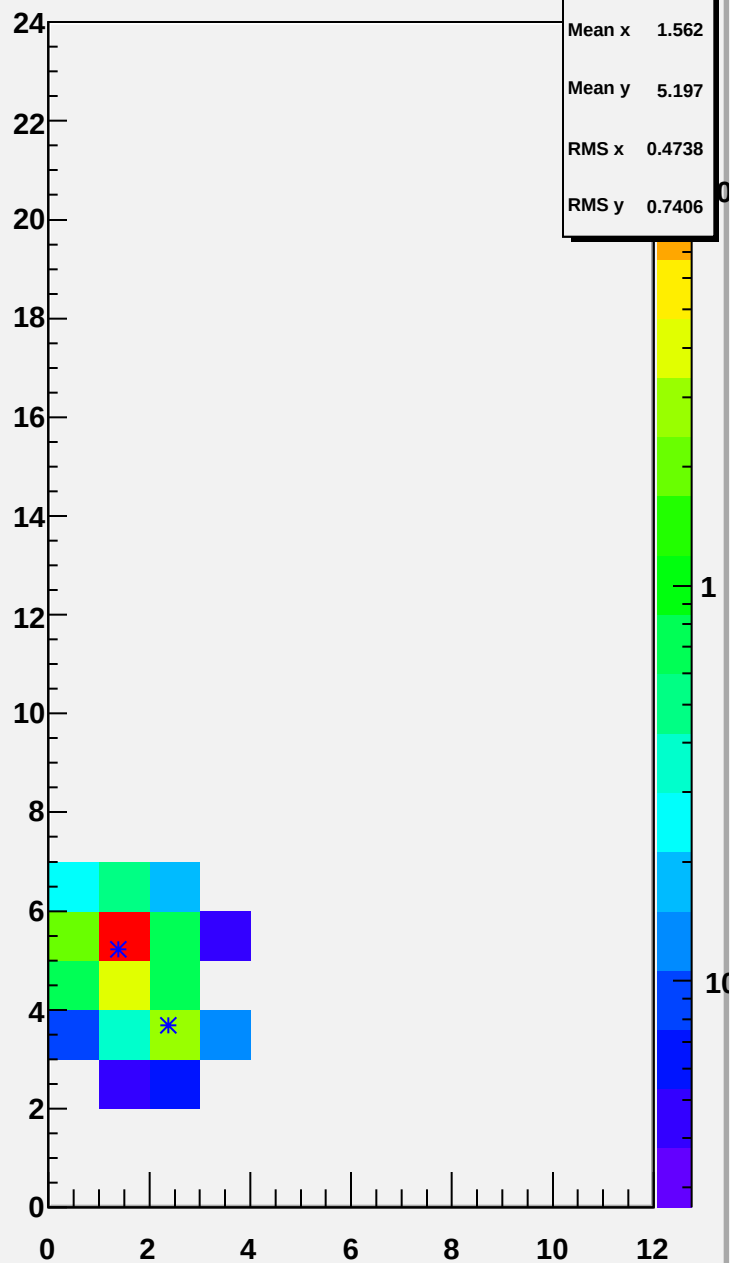
Efit

Entries	288
Mean x	2.664
Mean y	4
RMS x	0.4978
RMS y	0.8652

NSTB3_r4_c3_En=37.7_m0=0.121 m1=0.121 index=1460



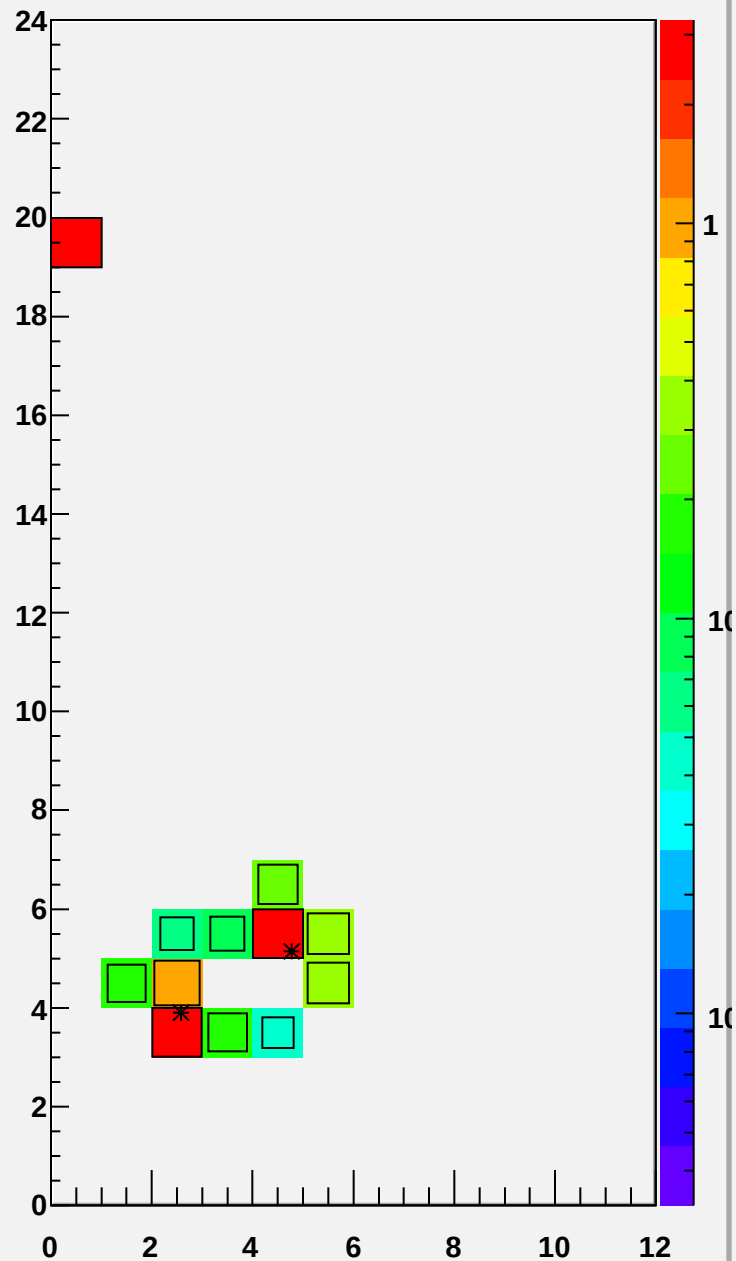
Fitted Energies



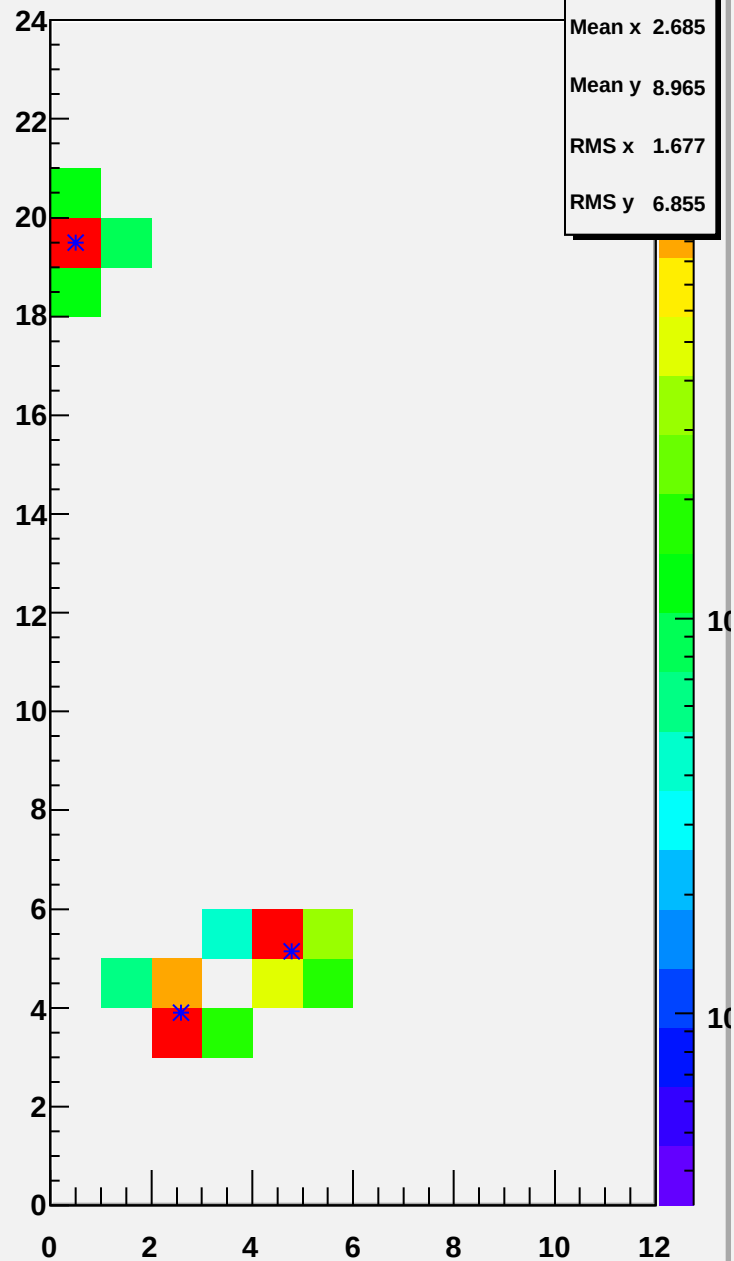
Efit

Entries	288
Mean x	1.562
Mean y	5.197
RMS x	0.4738
RMS y	0.7406

NSTB3_r4_c3_En=11.1_m0=0.057 m1=0.057 index=1461



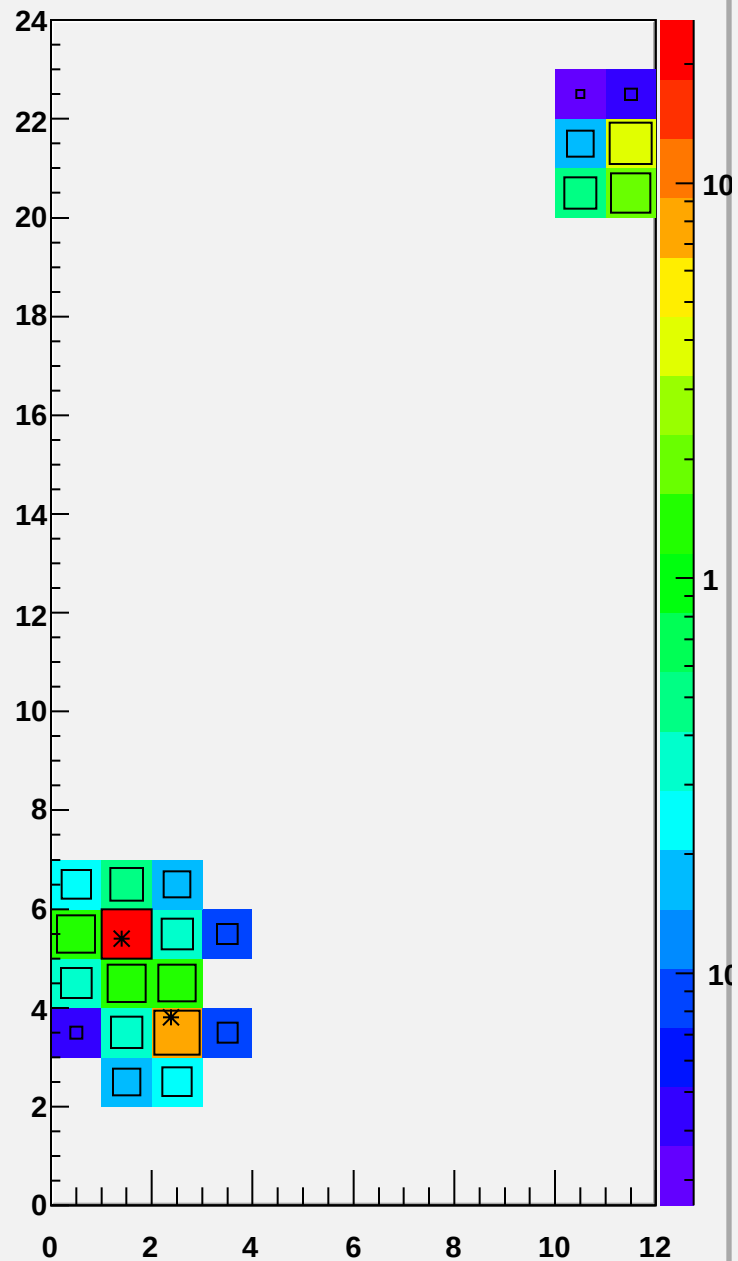
Fitted Energies



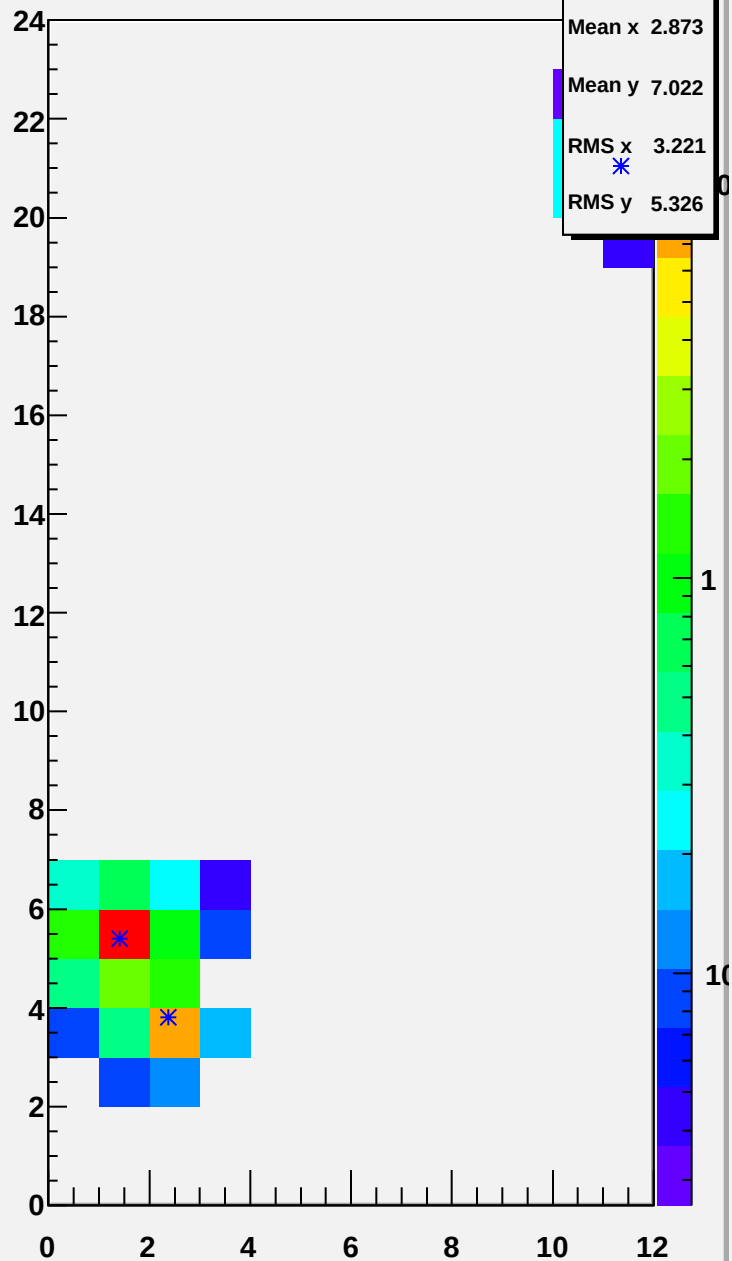
Efit

Entries 288
Mean x 2.685
Mean y 8.965
RMS x 1.677
RMS y 6.855

NSTB3_r4_c3_En=45.1_m0=0.178 m1=0.177 index=1462



Fitted Energies



Efit

Entries 288

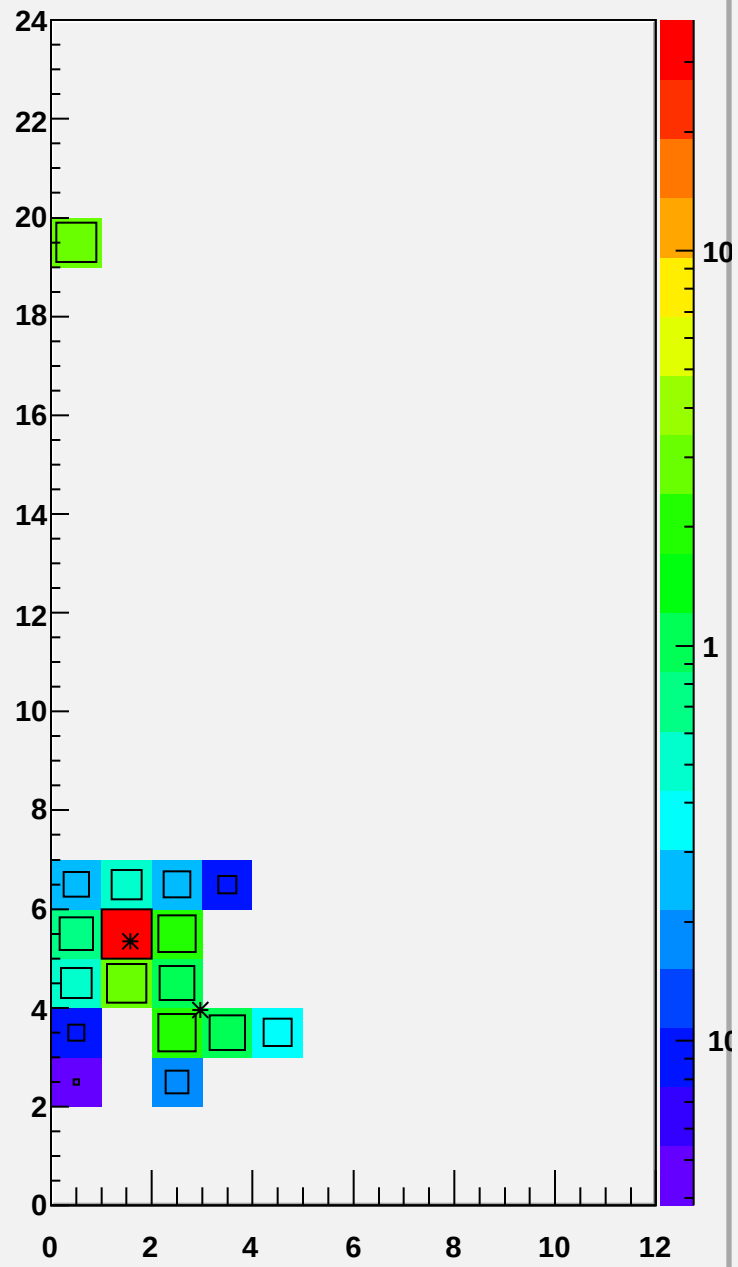
Mean x 2.873

Mean y 7.022

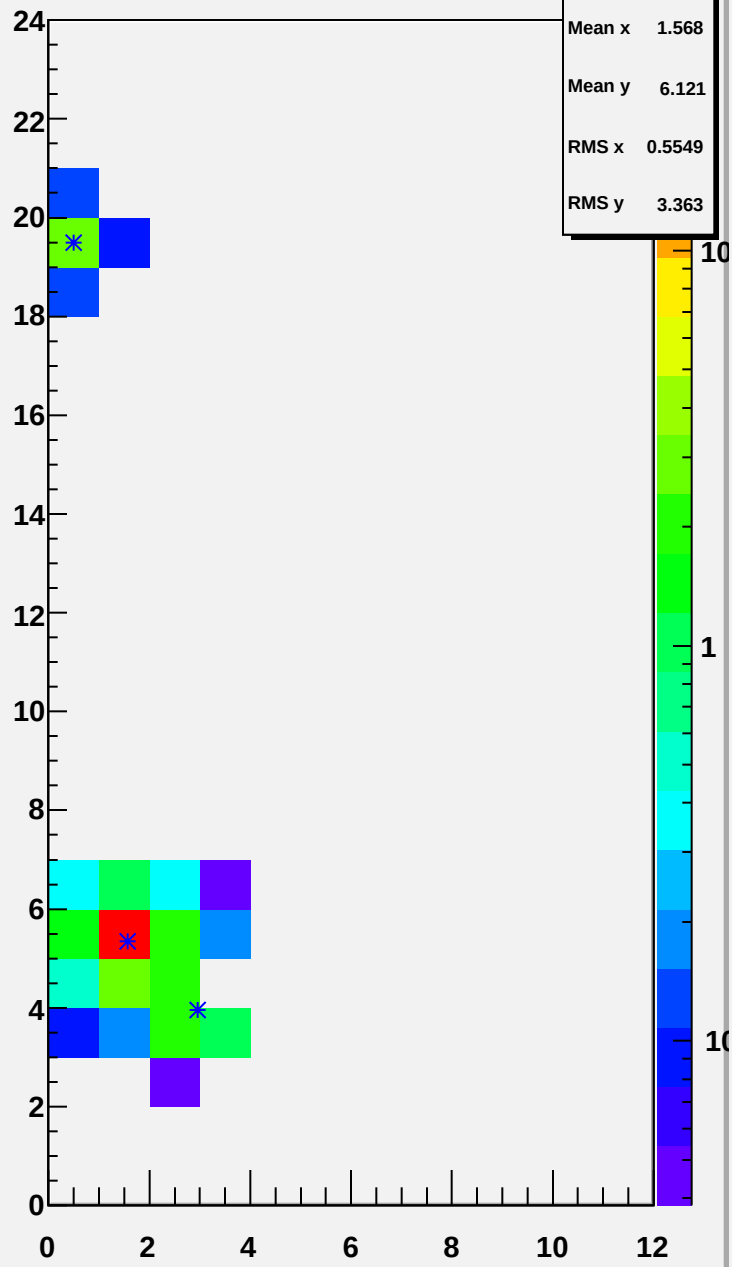
RMS x 3.221

RMS y 5.326

NSTB3_r4_c3_En=53.0_m0=0.165 m1=0.165 index=1463



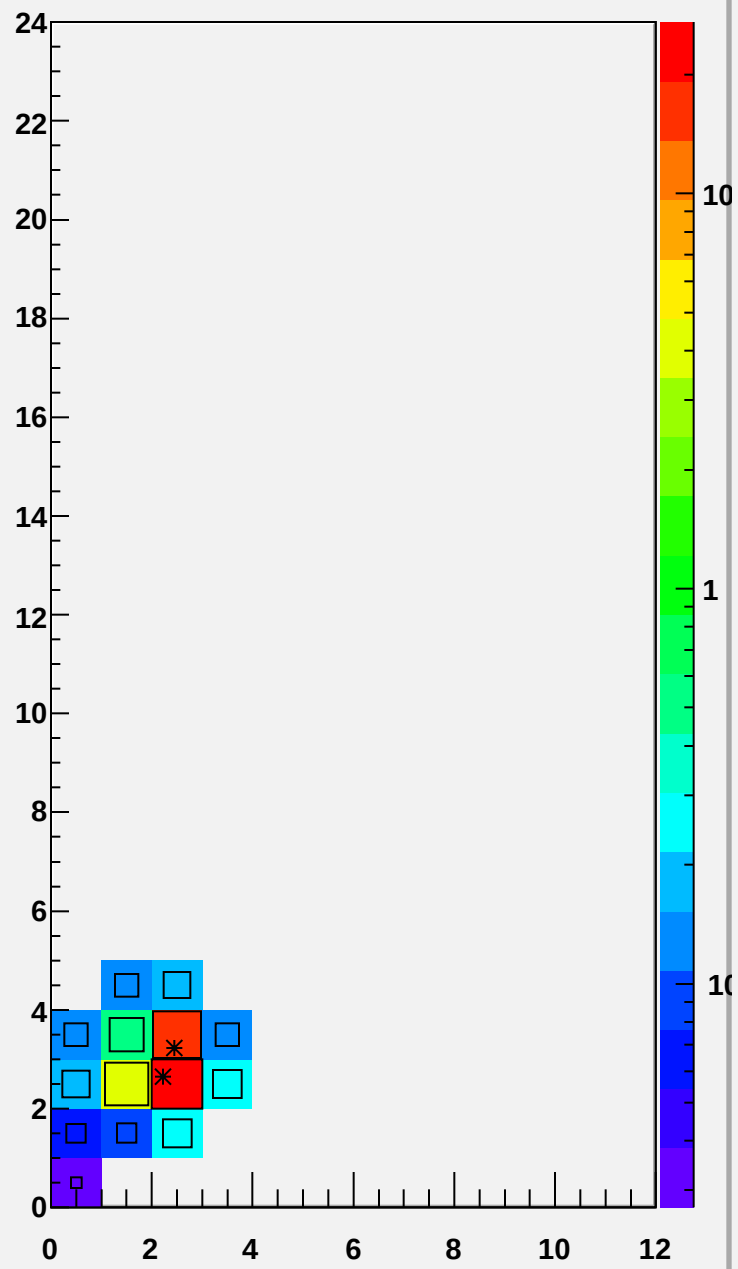
Fitted Energies



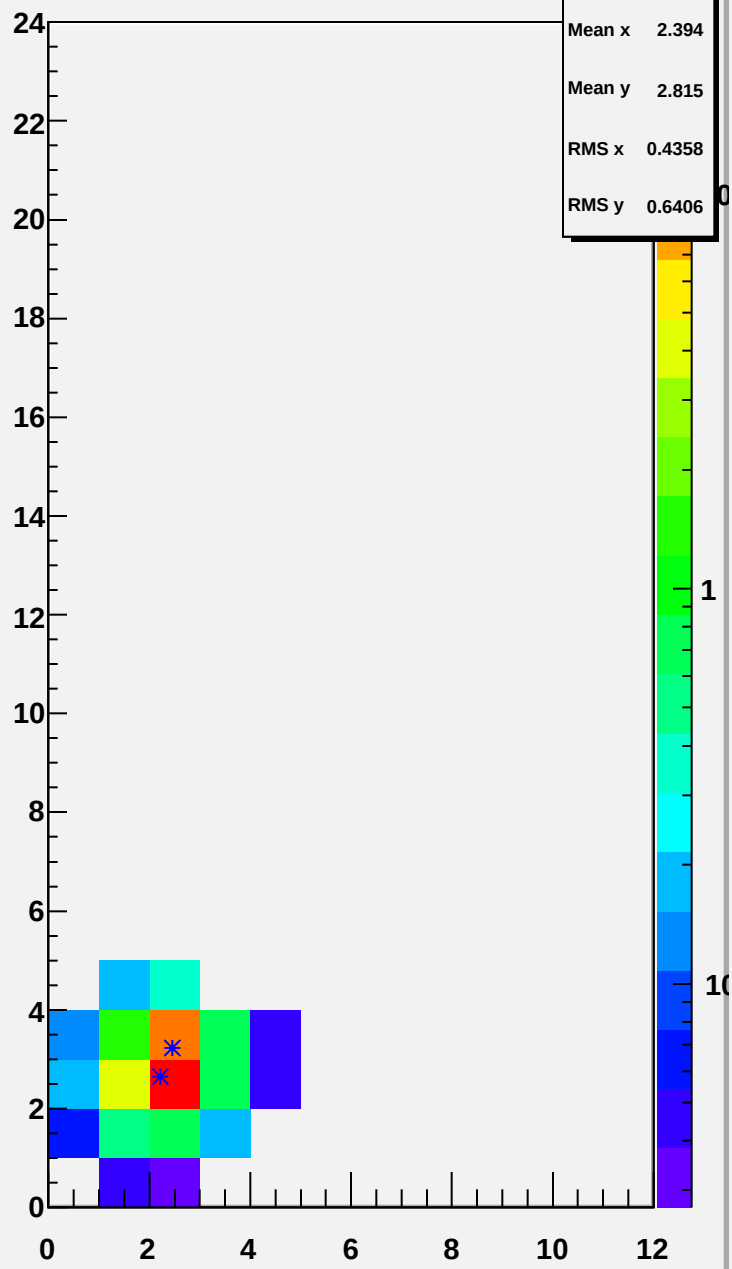
Efit

Entries	288
Mean x	1.568
Mean y	6.121
RMS x	0.5549
RMS y	3.363

NSTB3_r4_c3_En=48.2_m0=0.079 m1=0.078 index=1464



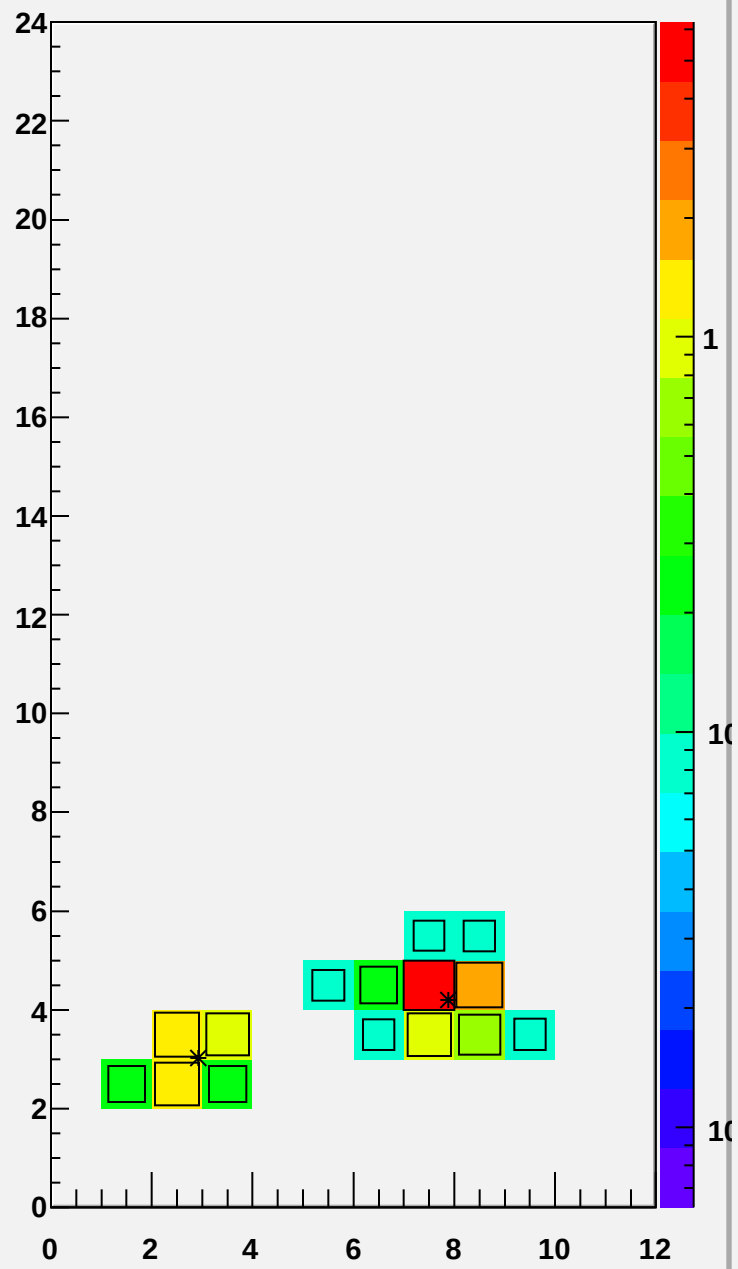
Fitted Energies



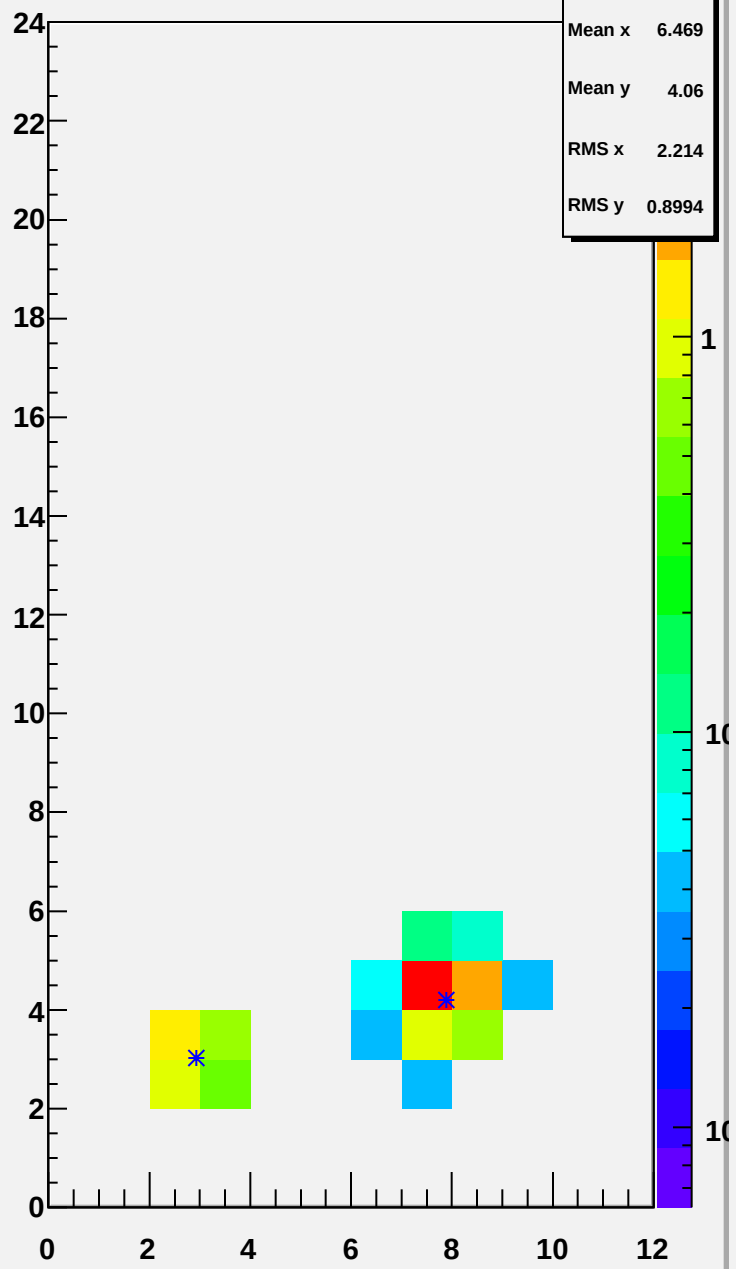
Efit

Entries	288
Mean x	2.394
Mean y	2.815
RMS x	0.4358
RMS y	0.6406

NSTB3_r4_c3_En=14.4_m0=0.175_m1=0.175_index=1466



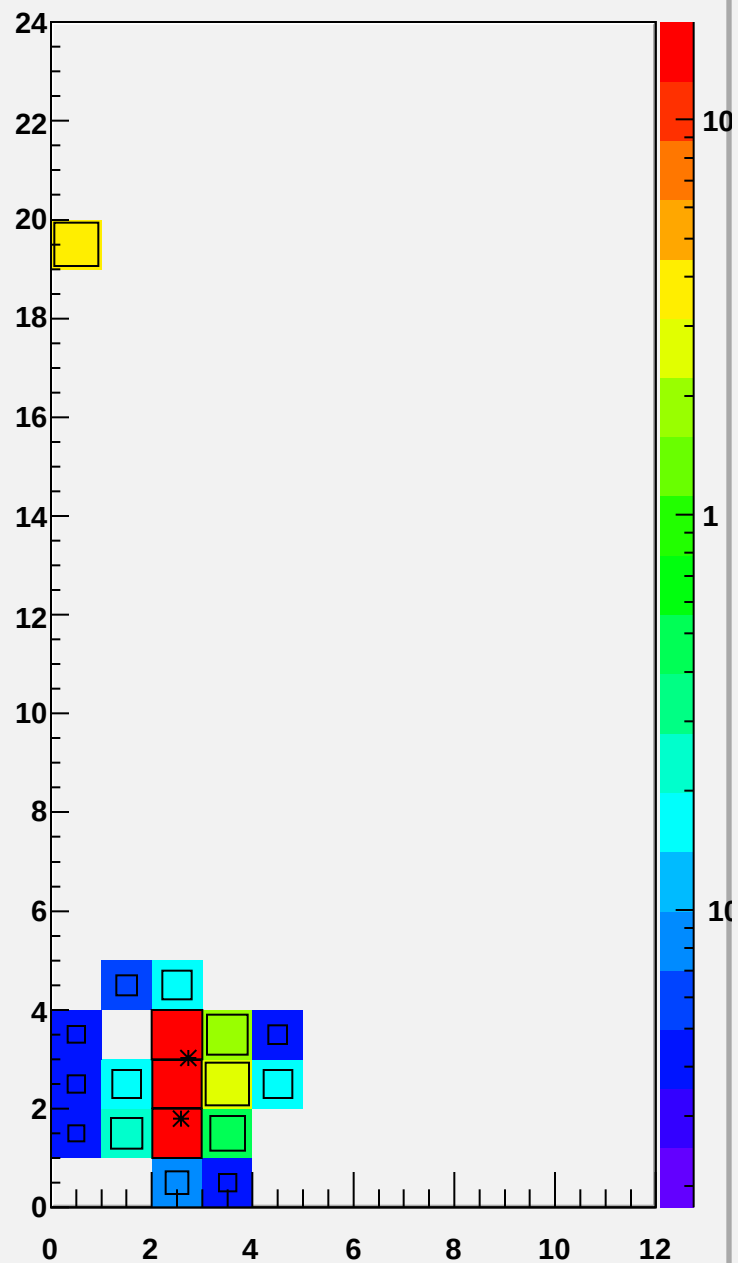
Fitted Energies



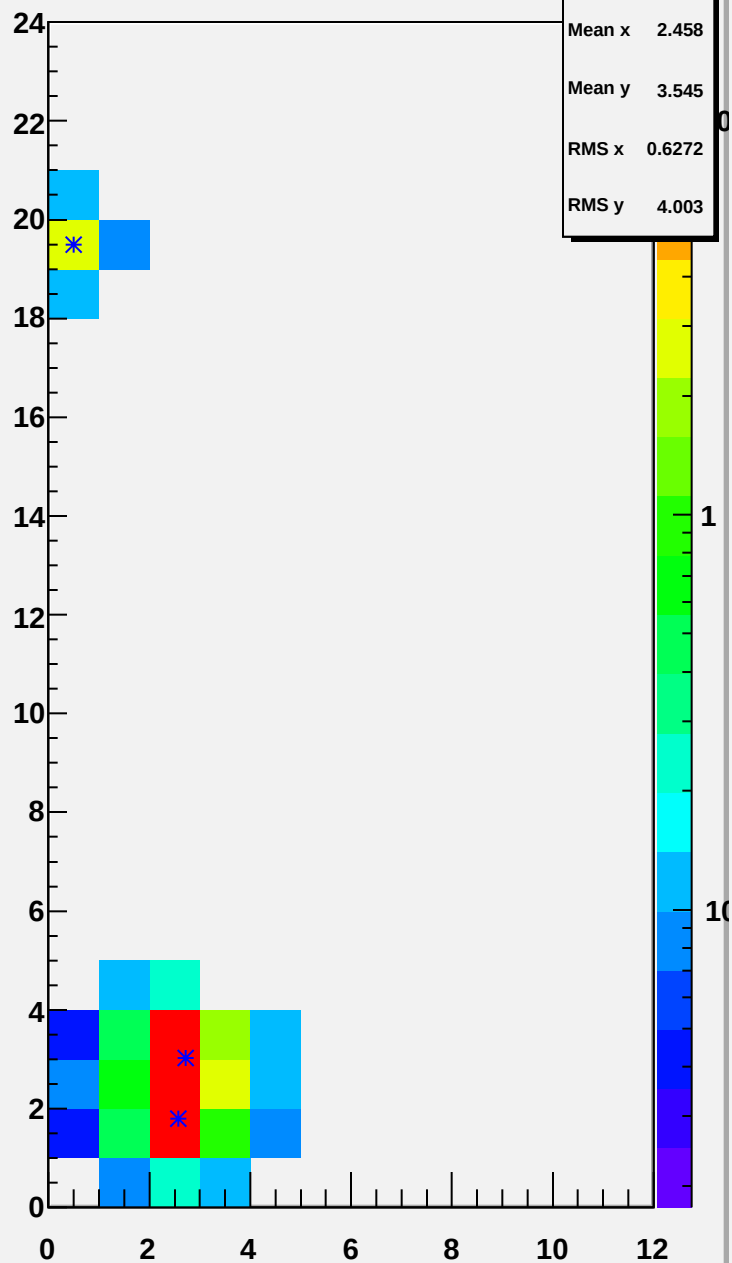
Efit

Entries	288
Mean x	6.469
Mean y	4.06
RMS x	2.214
RMS y	0.8994

NSTB3_r4_c3_En=55.8_m0=0.174 m1=0.175 index=1467



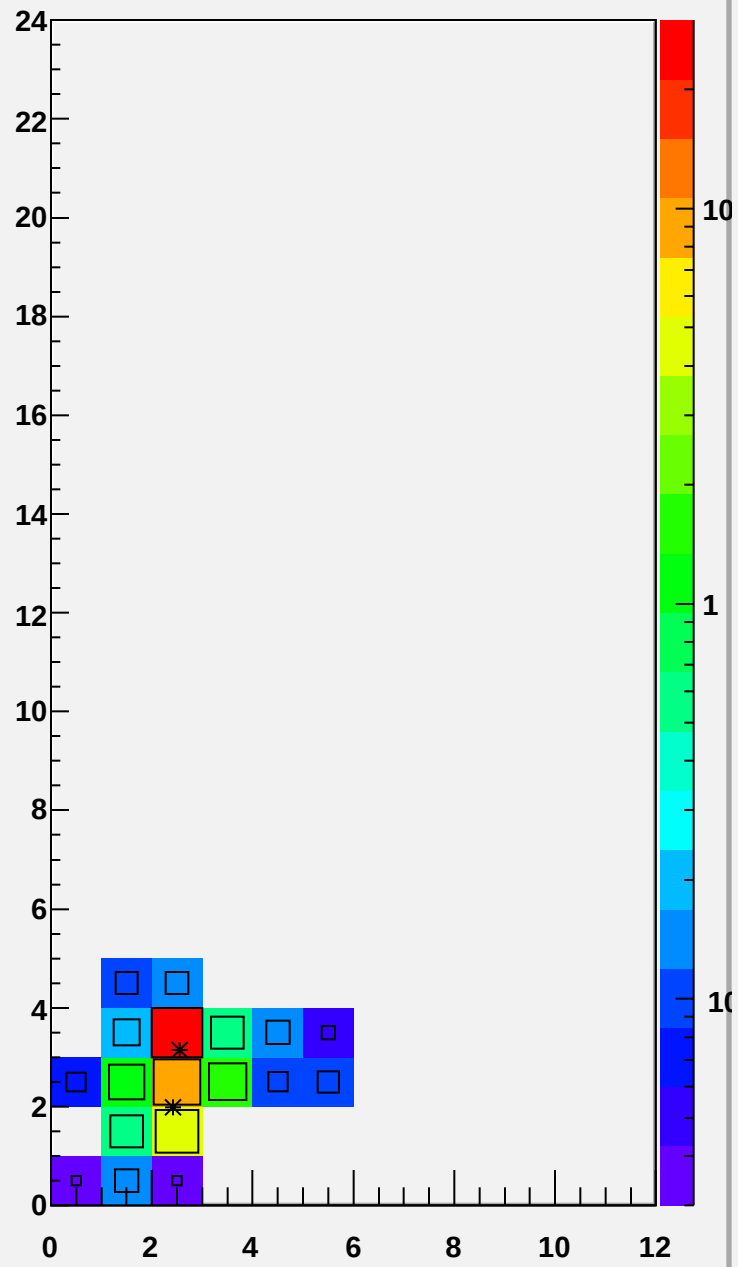
Fitted Energies



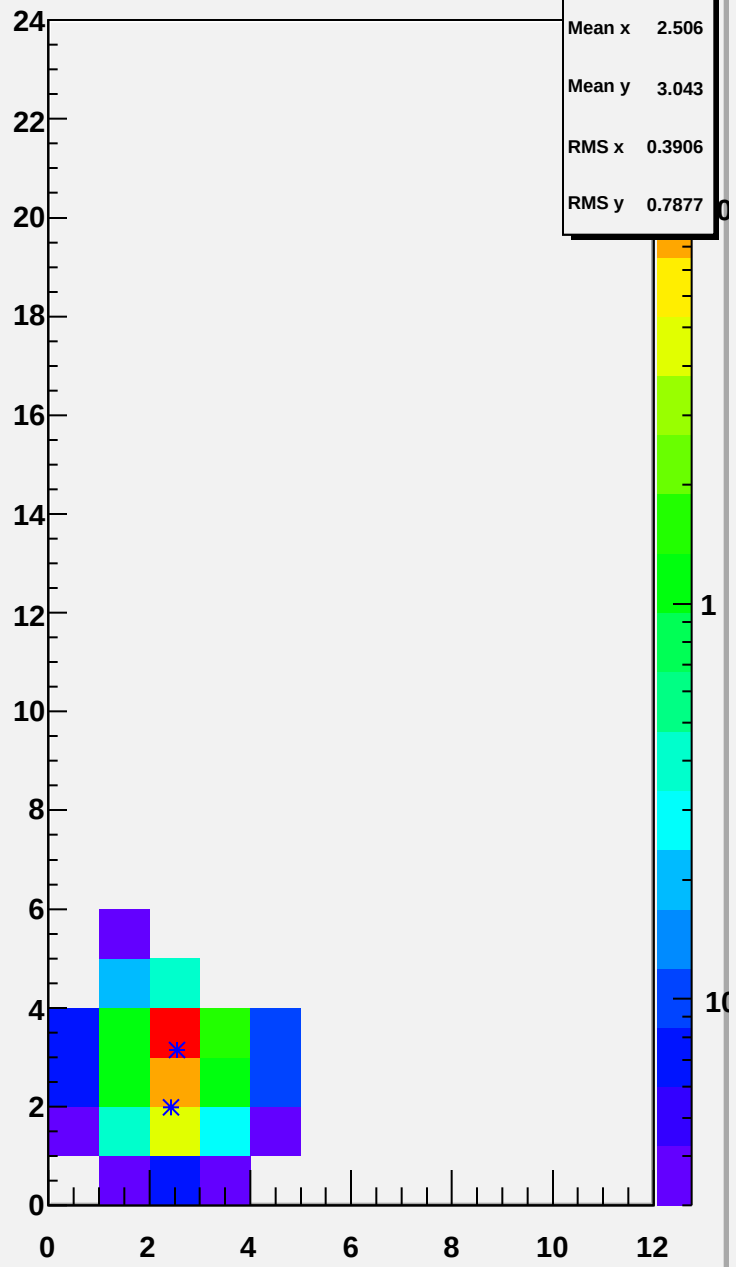
Efit

Entries	288
Mean x	2.458
Mean y	3.545
RMS x	0.6272
RMS y	4.003

NSTB3_r4_c3_En=49.6_m0=0.128 m1=0.127 index=1470



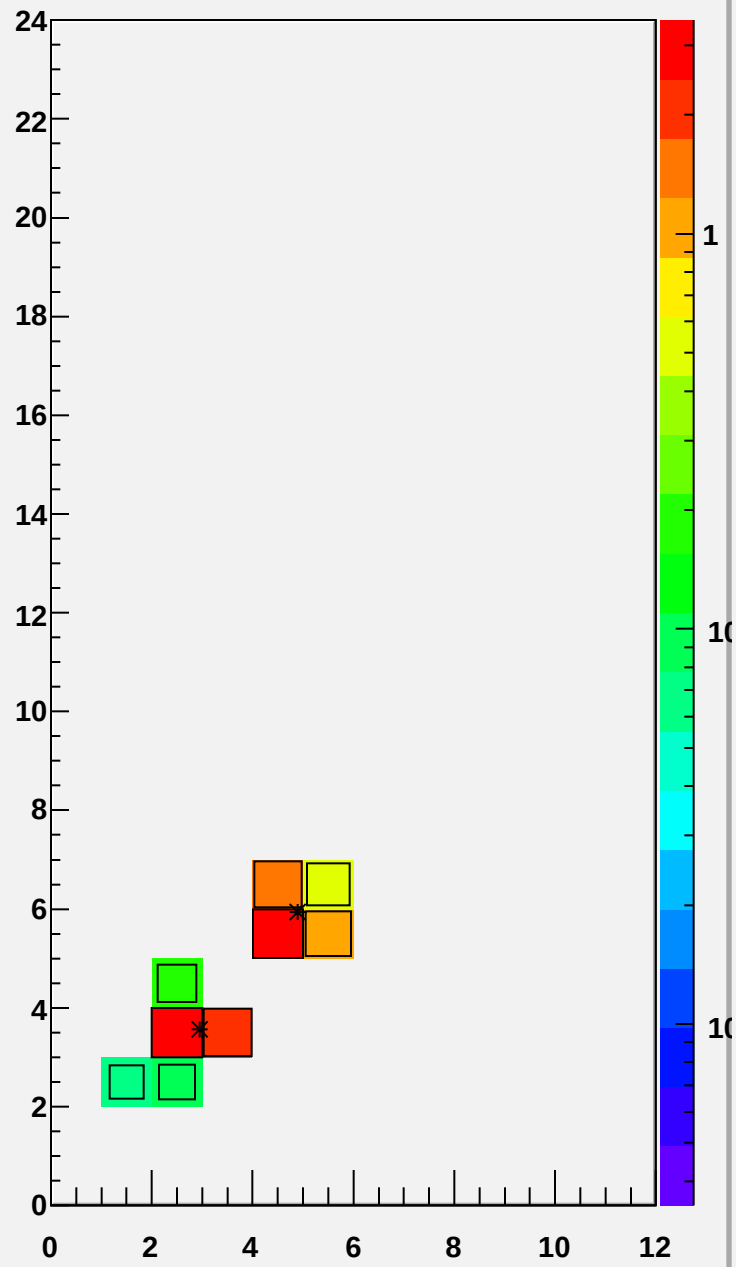
Fitted Energies



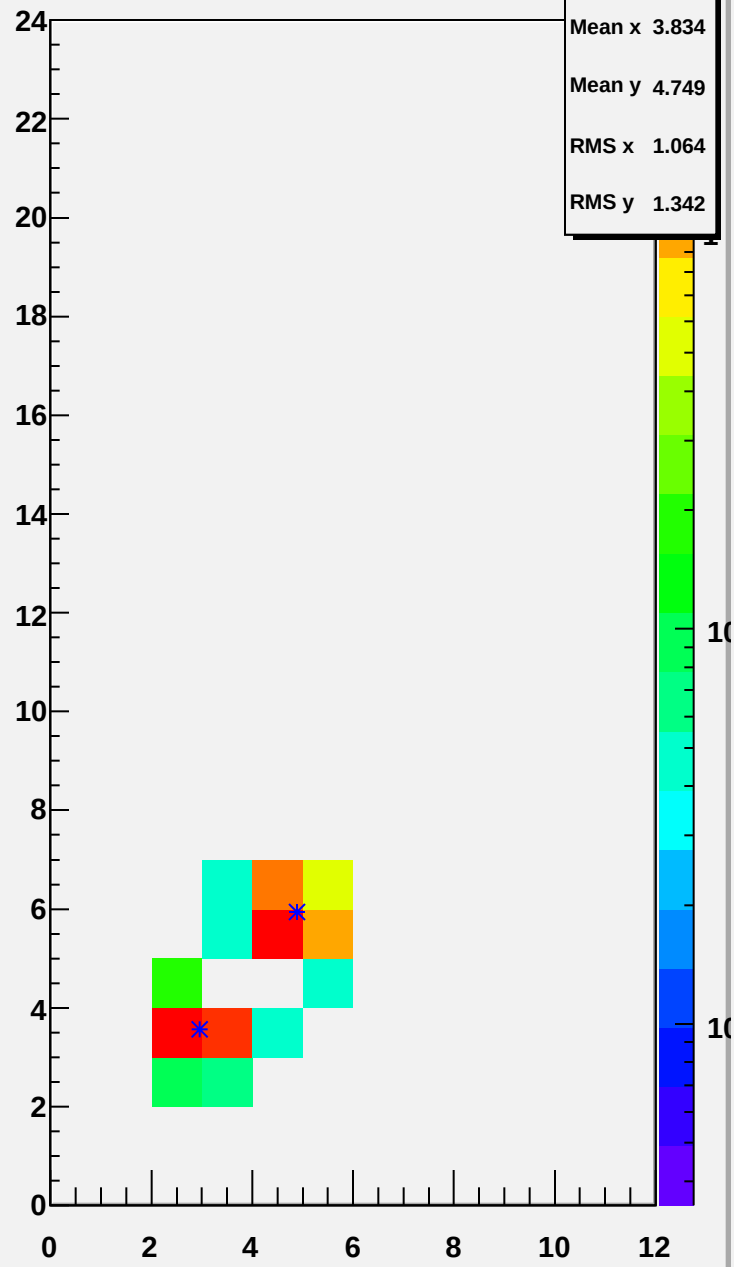
Efit

Entries	288
Mean x	2.506
Mean y	3.043
RMS x	0.3906
RMS y	0.7877

NSTB3_r4_c3_En=11.9_m0=0.107 m1=0.107 index=1472



Fitted Energies



Efit

Entries 288

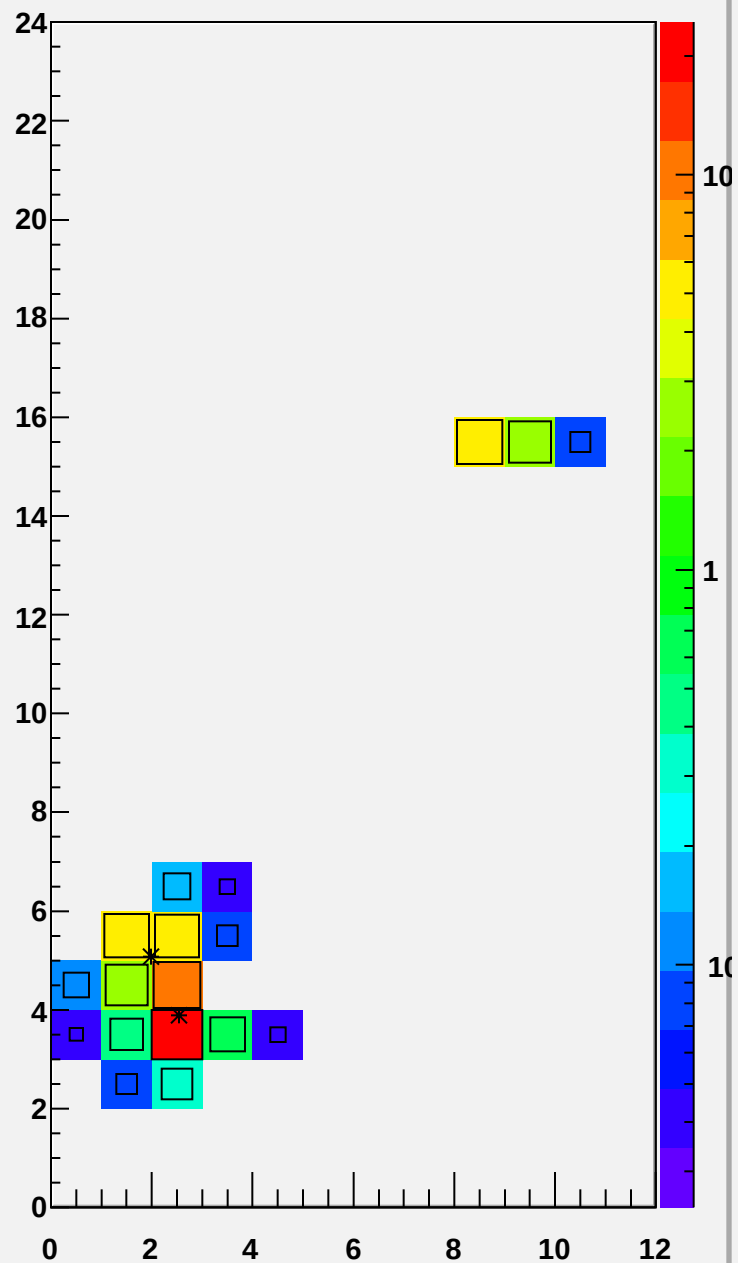
Mean x 3.834

Mean y 4.749

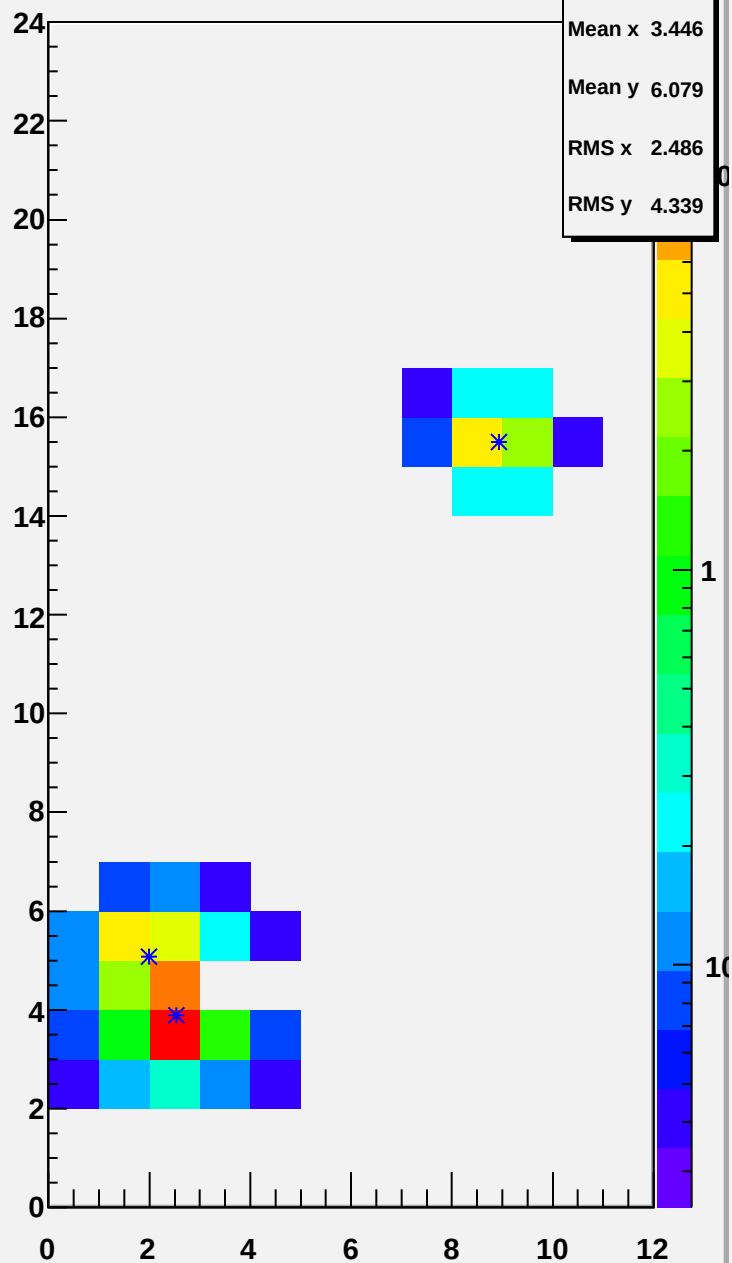
RMS x 1.064

RMS y 1.342

NSTB3_r4_c3_En=56.9_m0=0.158 m1=0.159 index=1473



Fitted Energies



Efit

Entries 288

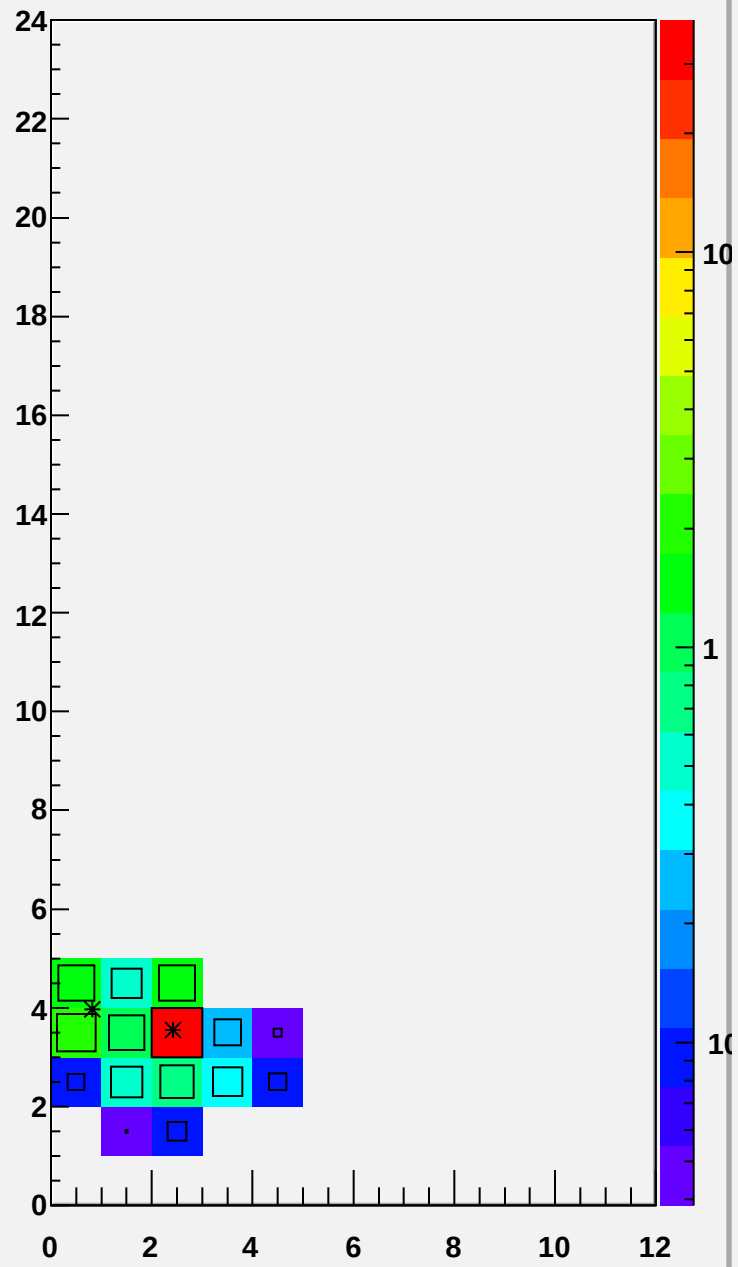
Mean x 3.446

Mean y 6.079

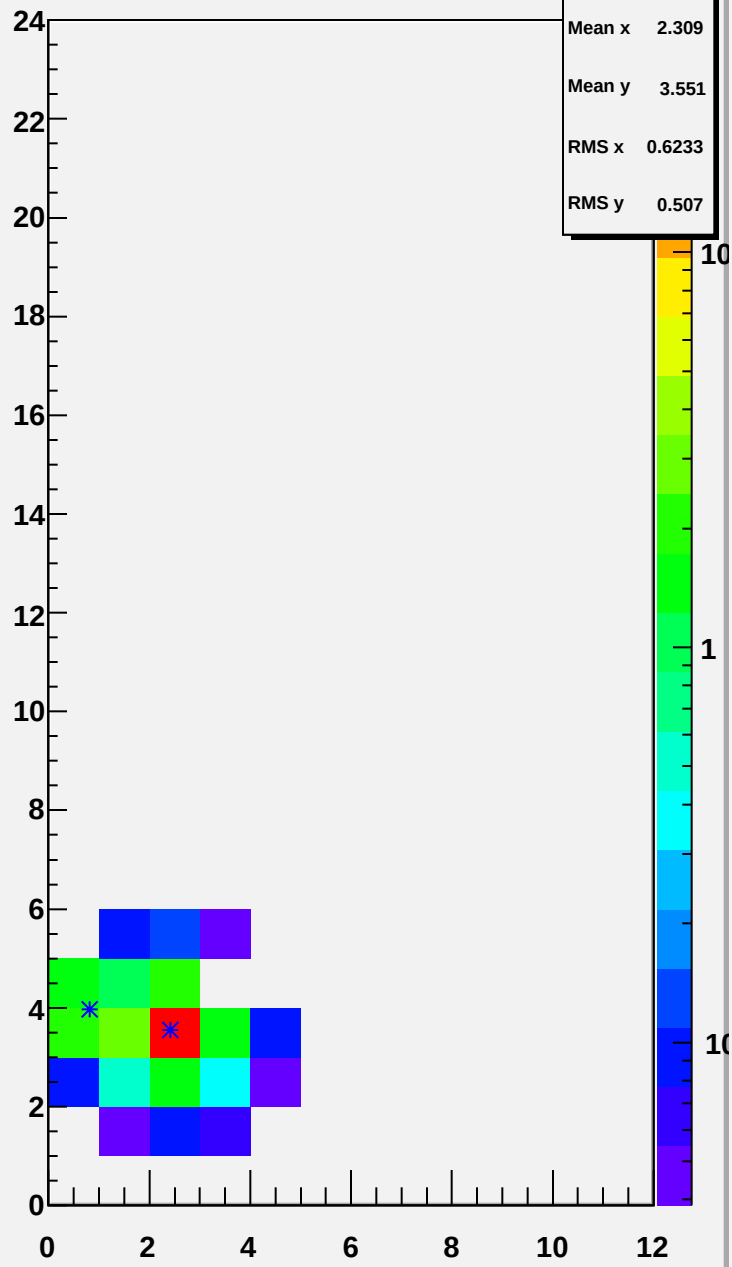
RMS x 2.486

RMS y 4.339

NSTB3_r4_c3_En=47.7_m0=0.131 m1=0.132 index=1474



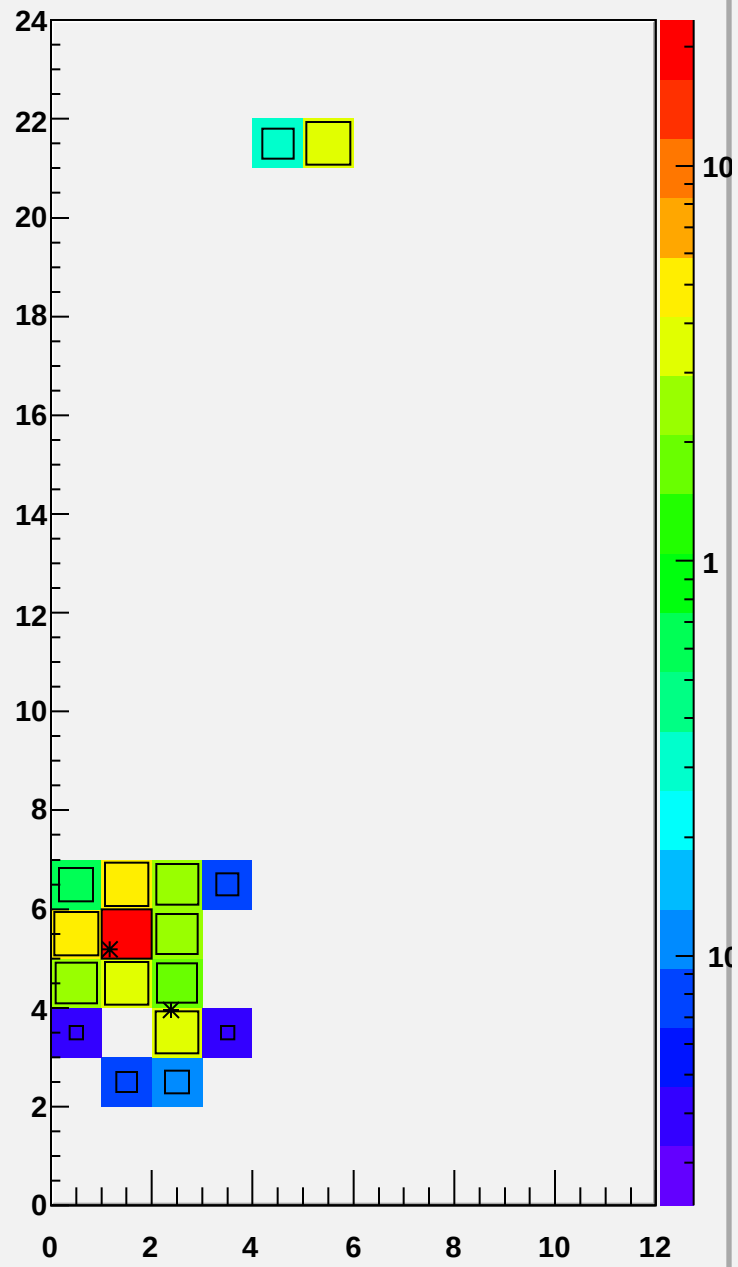
Fitted Energies



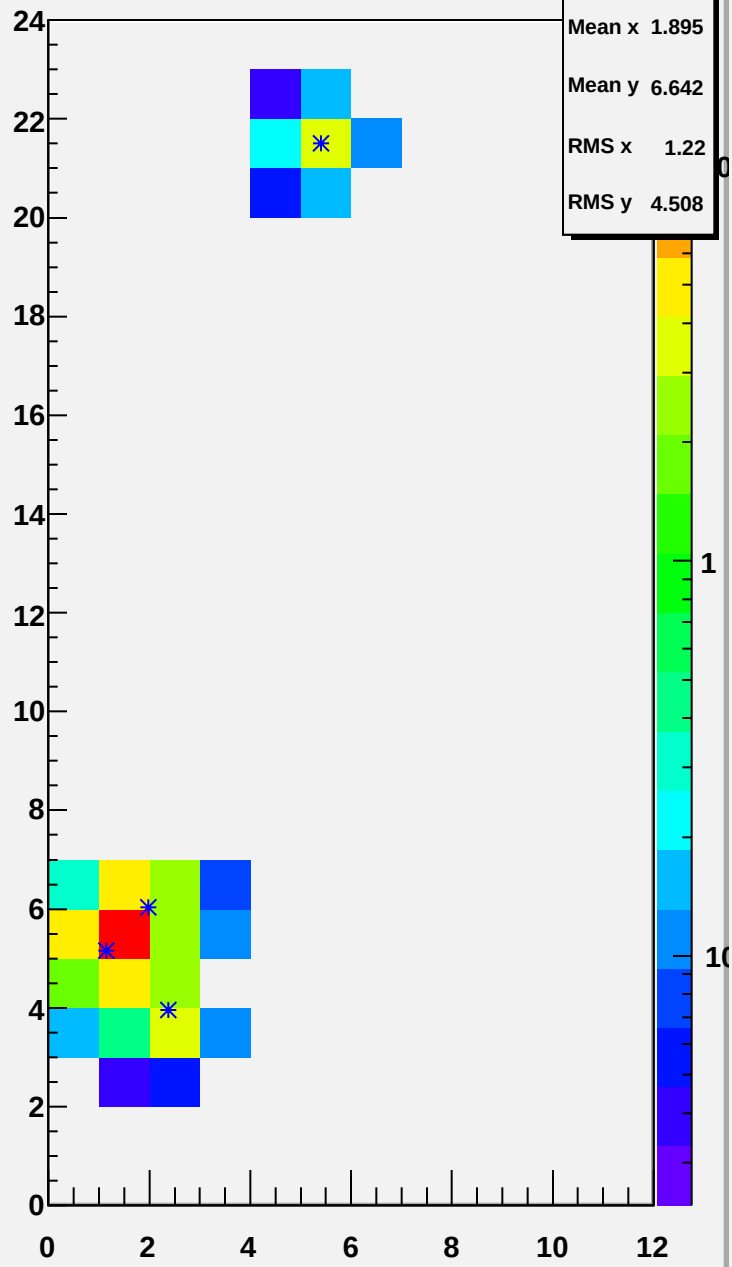
Efit

Entries	288
Mean x	2.309
Mean y	3.551
RMS x	0.6233
RMS y	0.507

NSTB3_r4_c3_En=54.5_m0=0.143 m1=0.137 index=1475



Fitted Energies



Efit

Entries 288

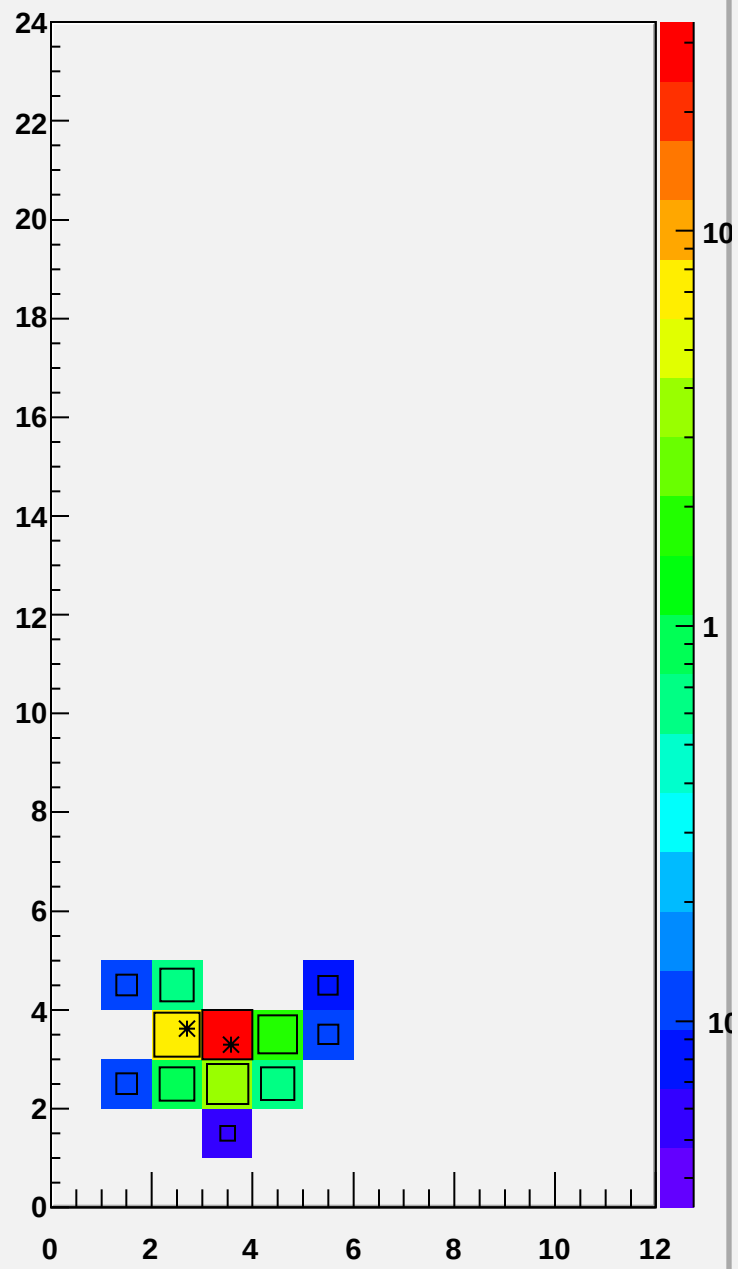
Mean x 1.895

Mean y 6.642

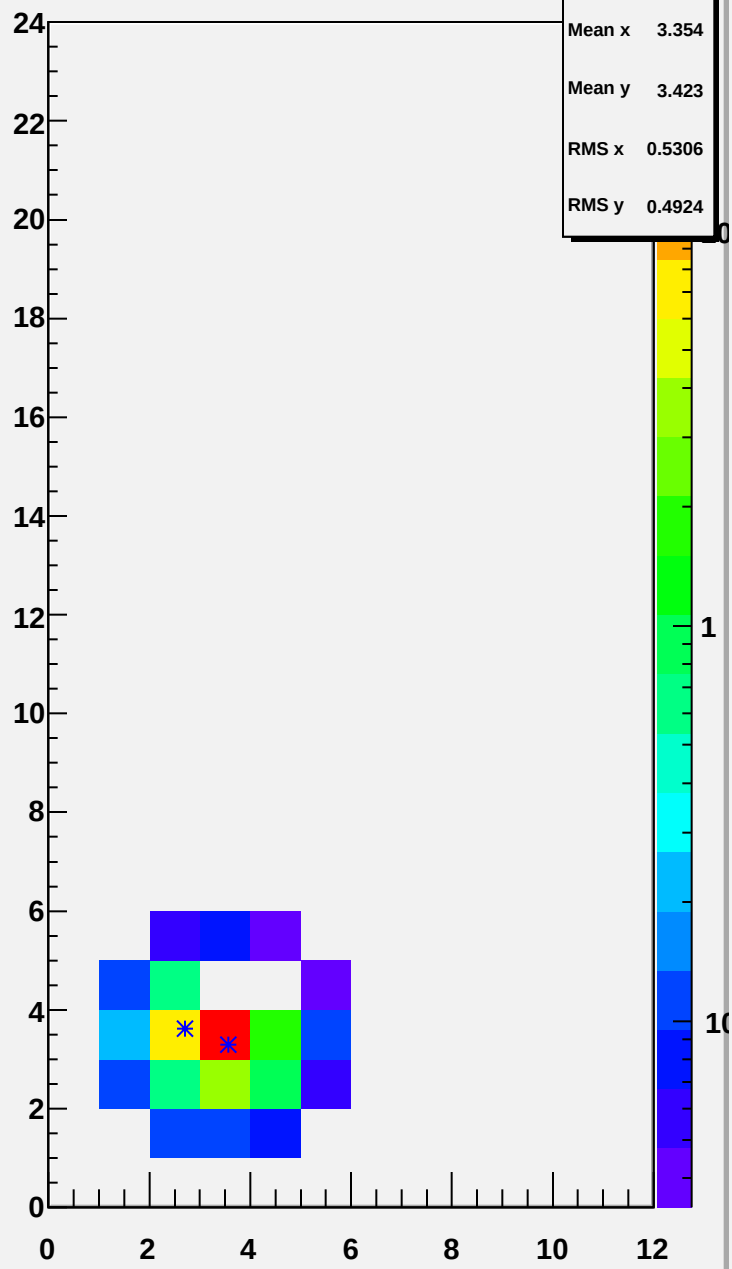
RMS x 1.22

RMS y 4.508

NSTB3_r4_c3_En=49.9_m0=0.097 m1=0.097 index=1476



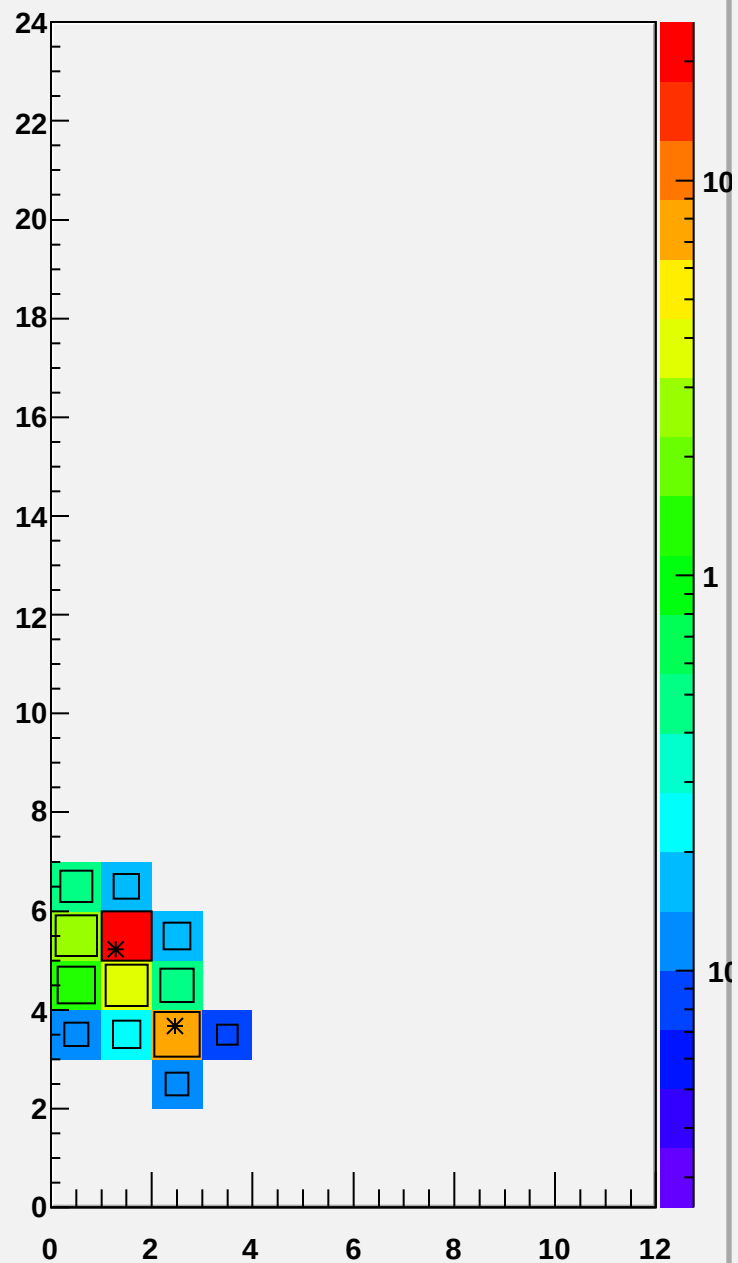
Fitted Energies



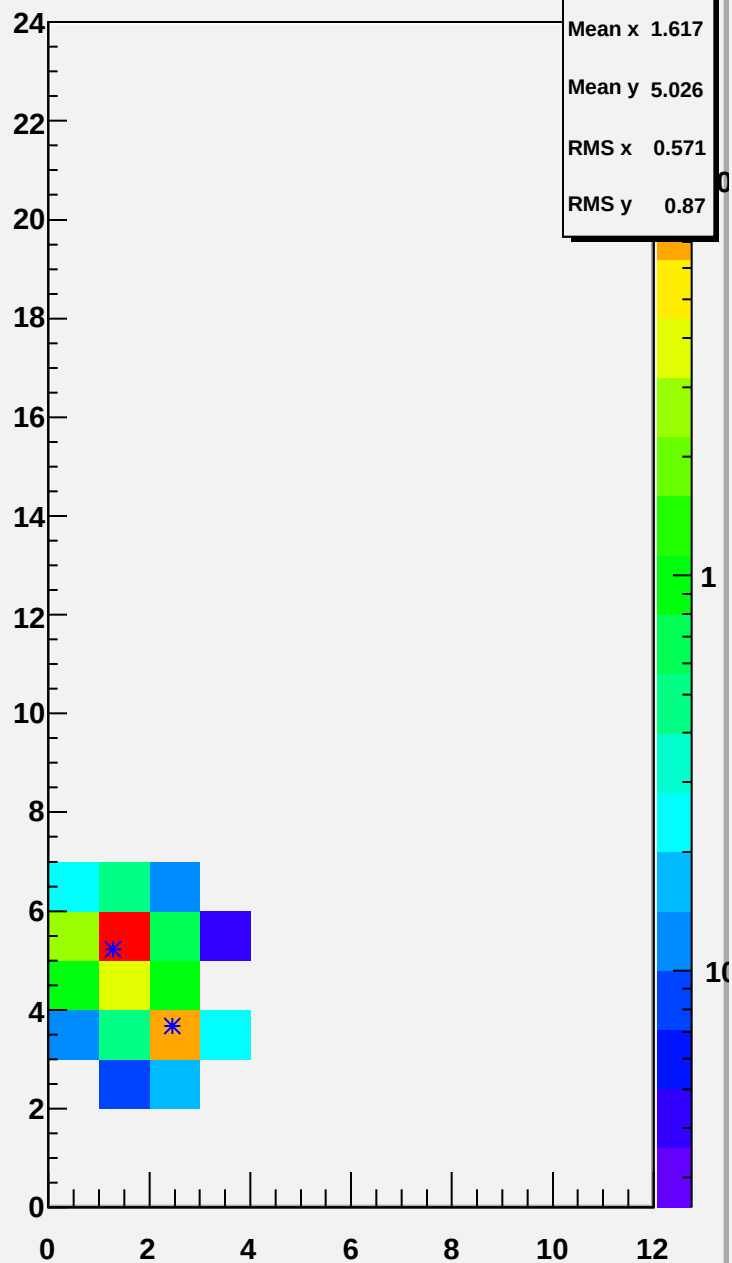
Efit

Entries	288
Mean x	3.354
Mean y	3.423
RMS x	0.5306
RMS y	0.4924

NSTB3_r4_c3_En=40.7_m0=0.183 m1=0.182 index=1477



Fitted Energies



Efit

Entries 288

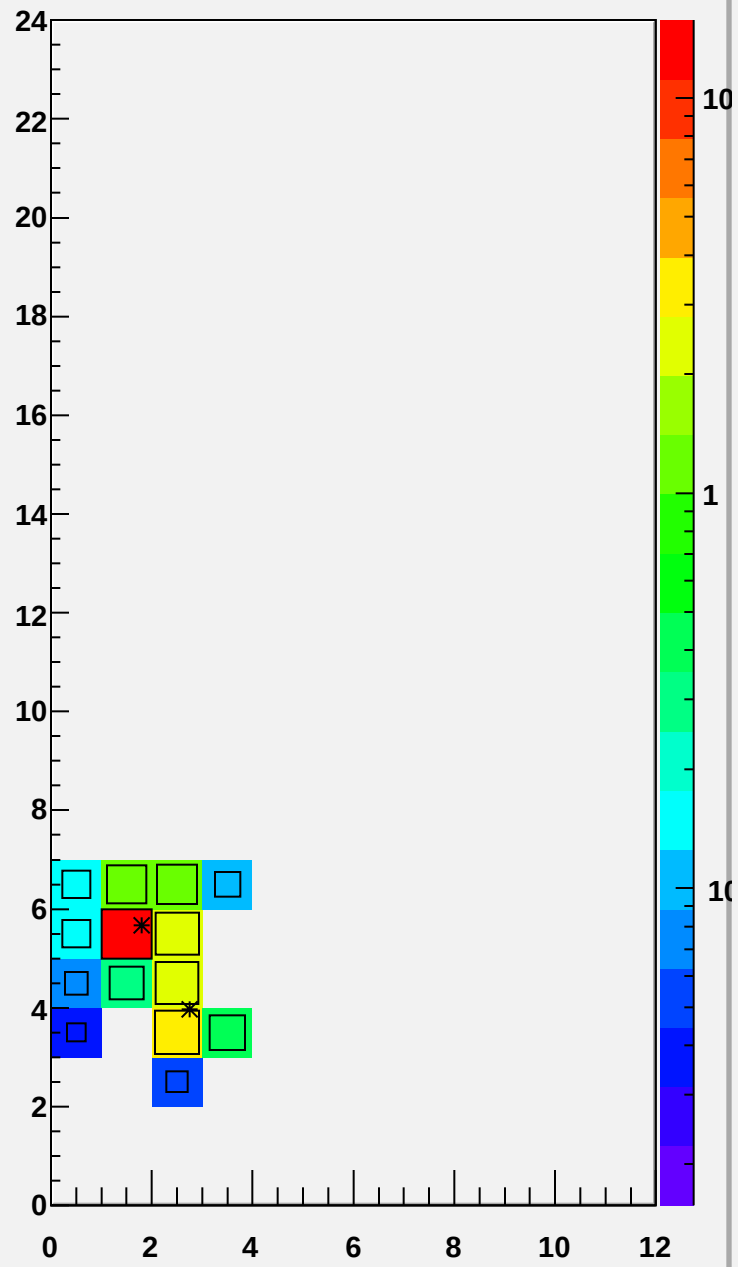
Mean x 1.617

Mean y 5.026

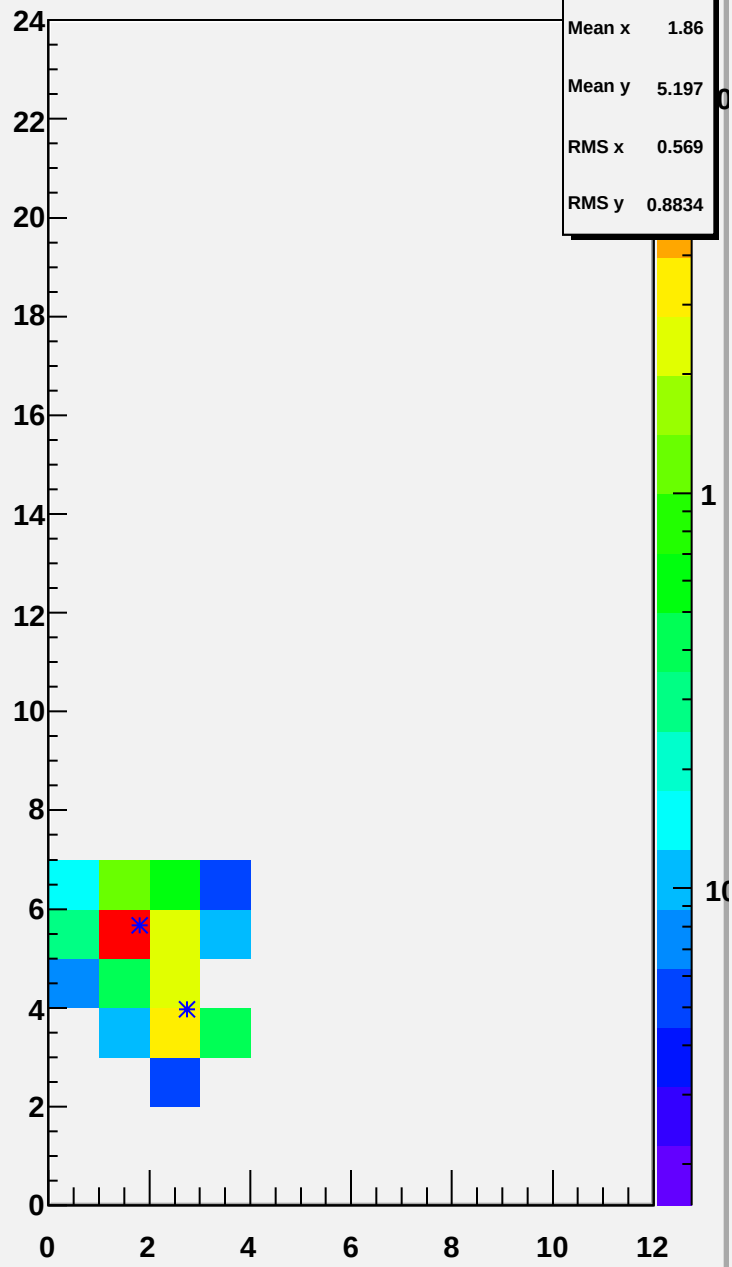
RMS x 0.571

RMS y 0.87

NSTB3_r4_c3_En=27.8_m0=0.130 m1=0.131 index=1478



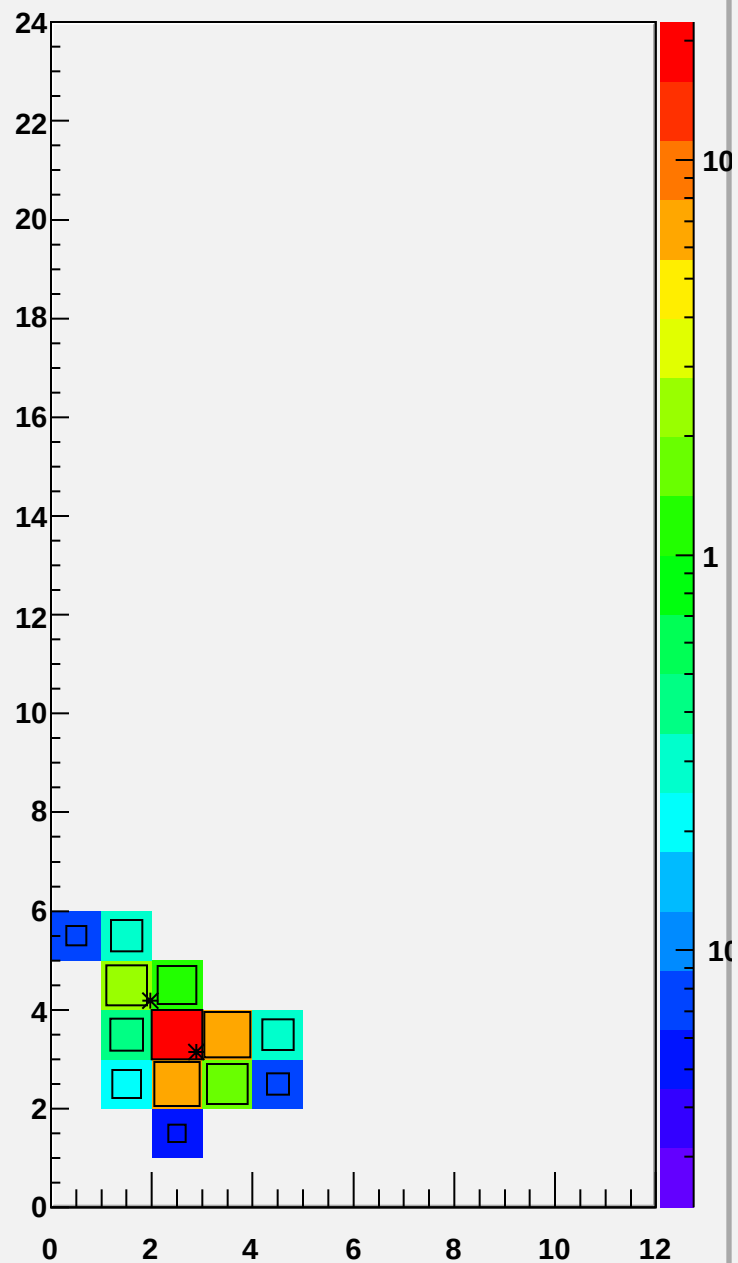
Fitted Energies



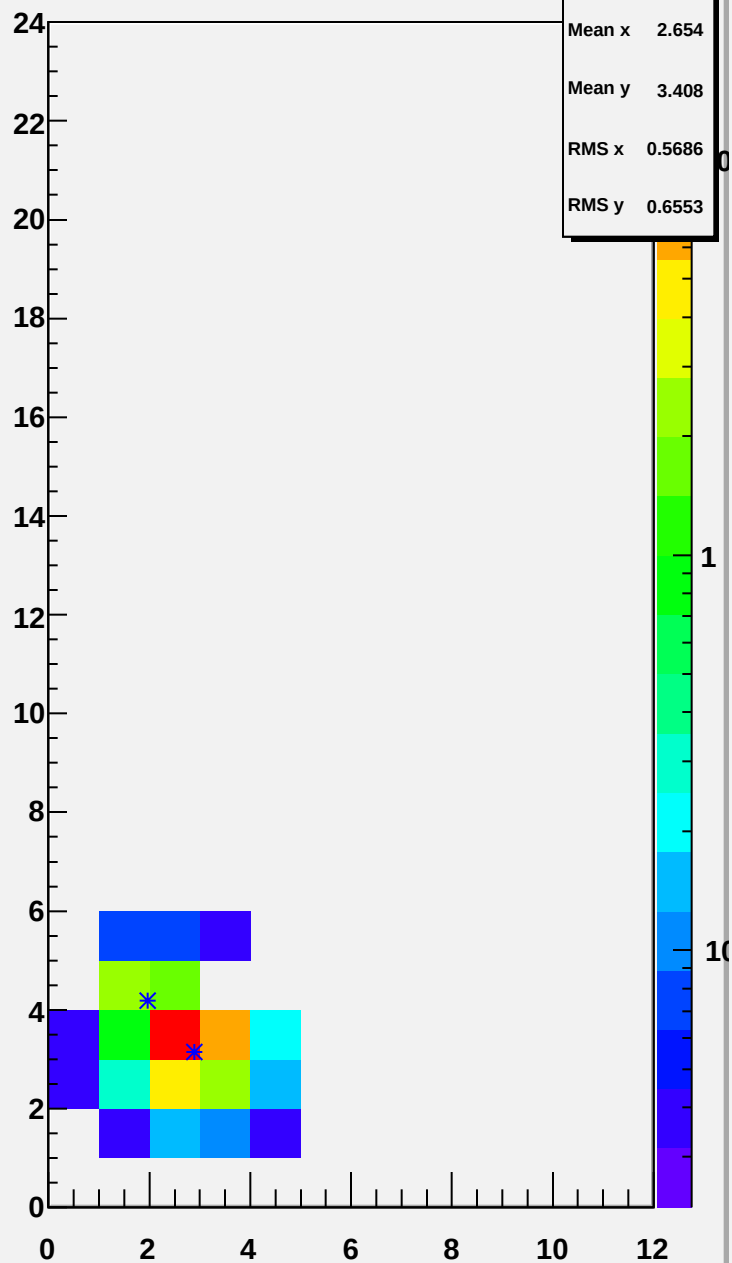
Efit

Entries	288
Mean x	1.86
Mean y	5.197
RMS x	0.569
RMS y	0.8834

NSTB3_r4_c3_En=41.7_m0=0.098 m1=0.098 index=1479



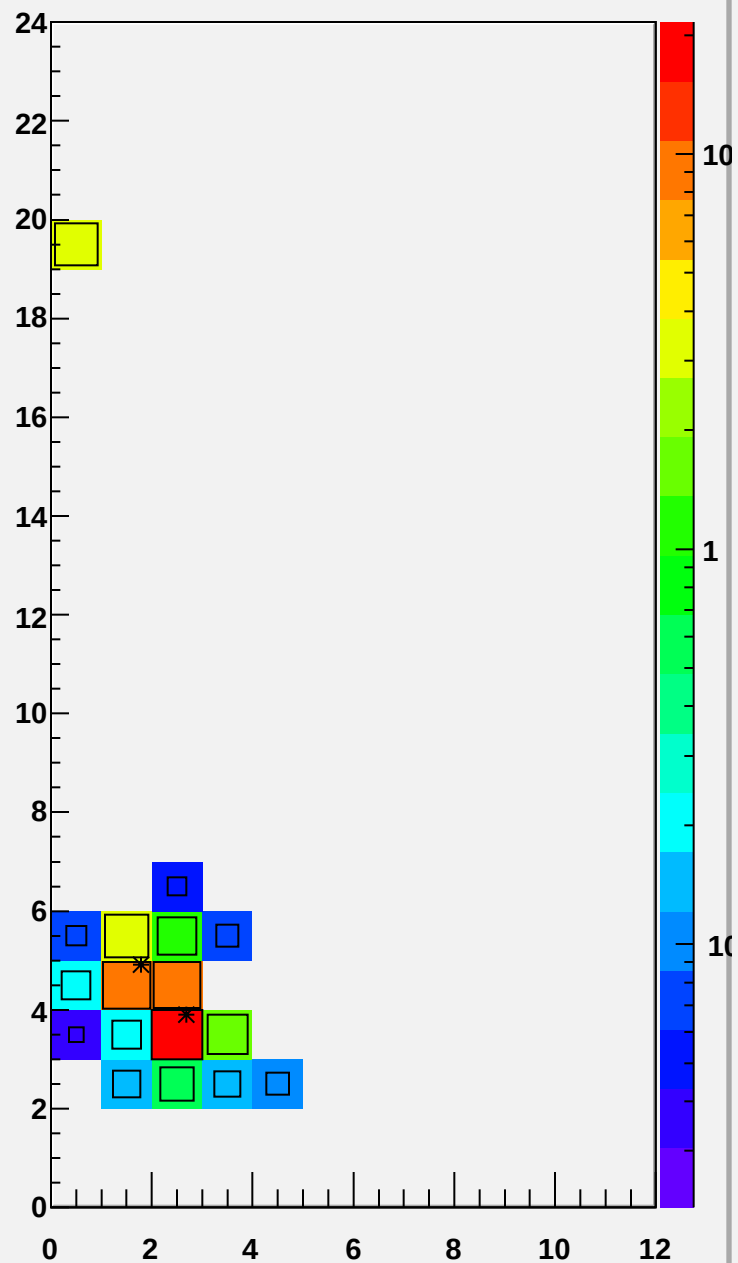
Fitted Energies



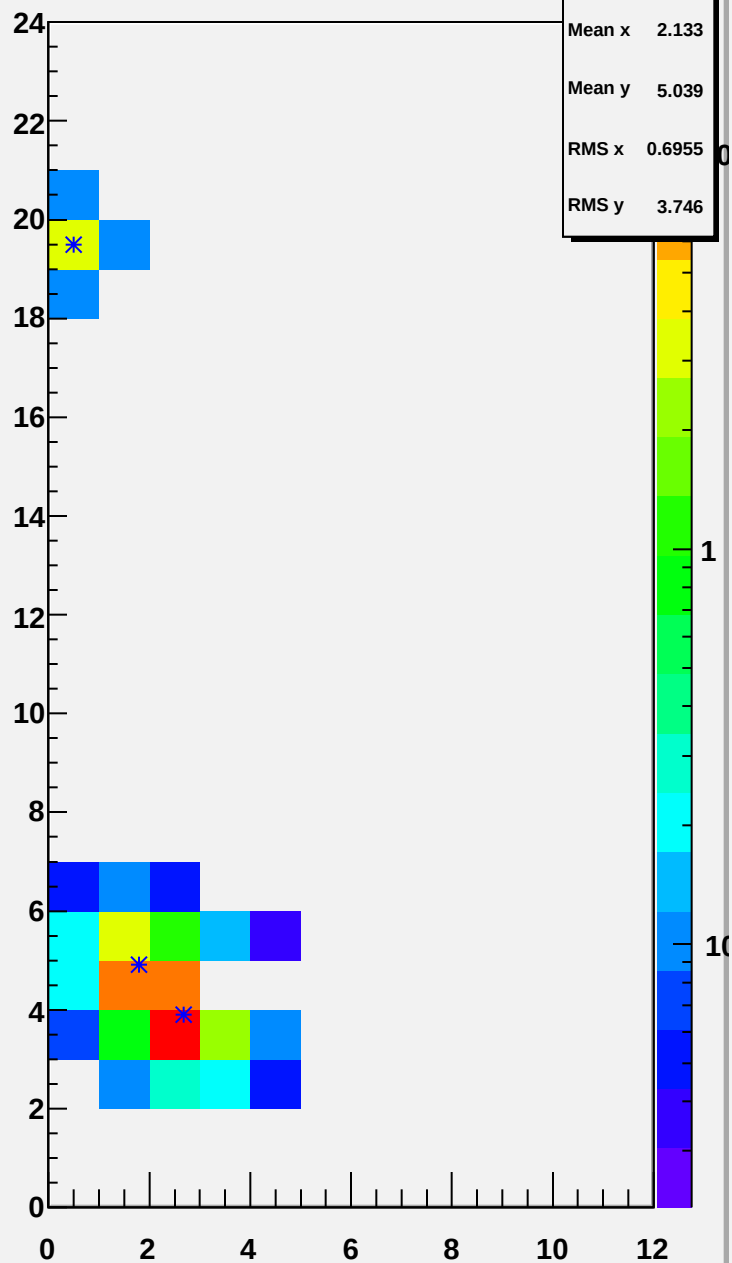
Efit

Entries	288
Mean x	2.654
Mean y	3.408
RMS x	0.5686
RMS y	0.6553

NSTB3_r4_c3_En=52.2_m0=0.176 m1=0.176 index=1480



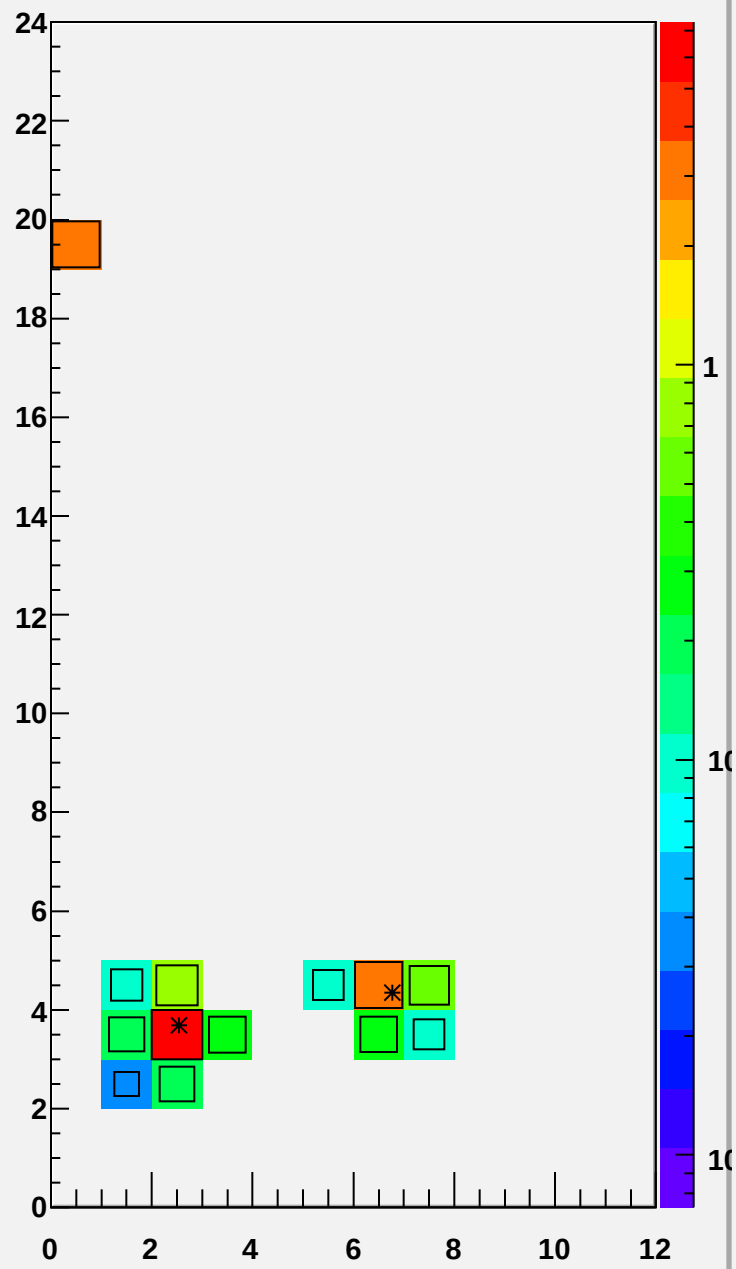
Fitted Energies



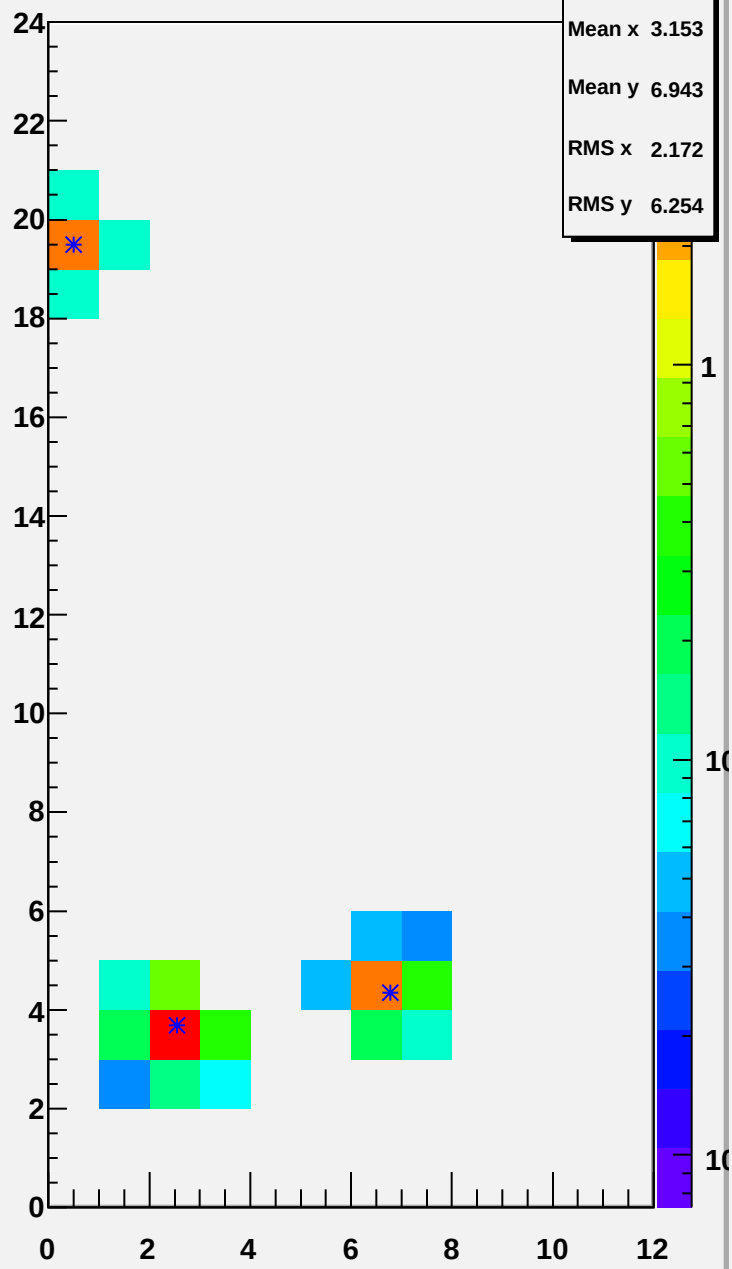
Efit

Entries	288
Mean x	2.133
Mean y	5.039
RMS x	0.6955
RMS y	3.746

NSTB3_r4_c3_En=16.3_m0=0.147 m1=0.147 index=1481



Fitted Energies



Efit

Entries 288

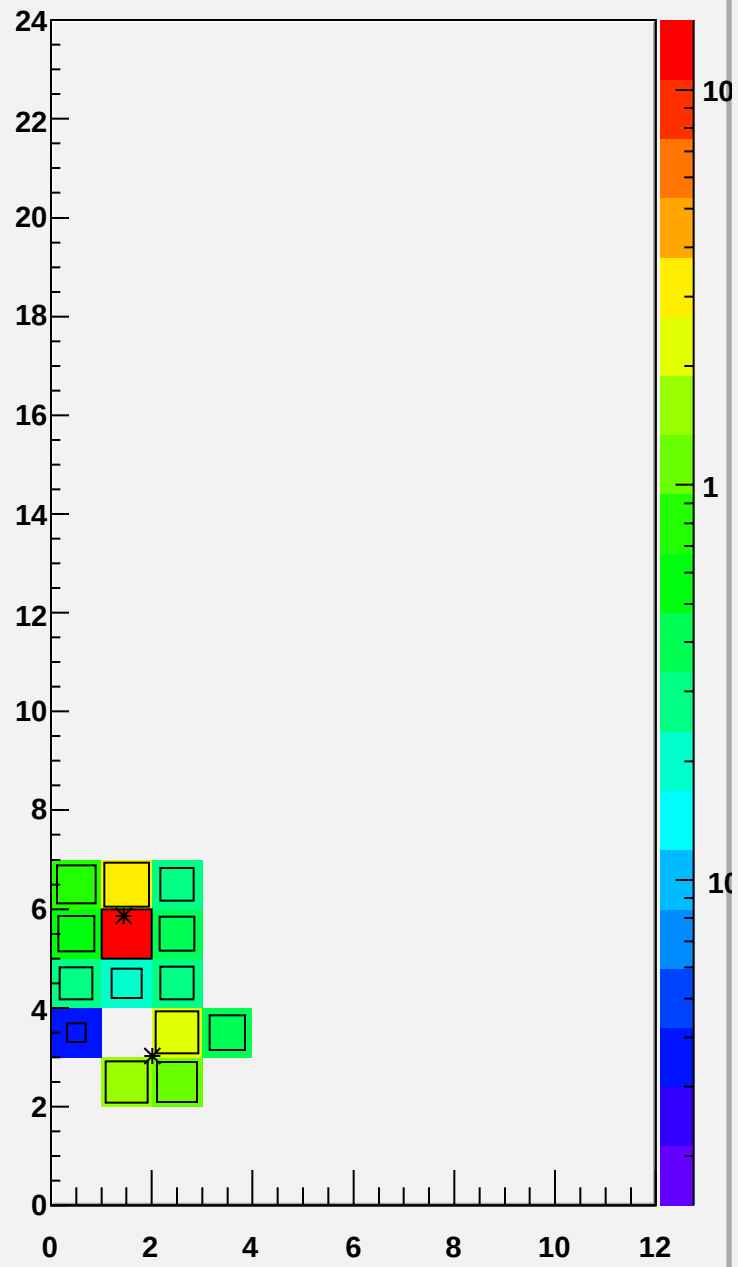
Mean x 3.153

Mean y 6.943

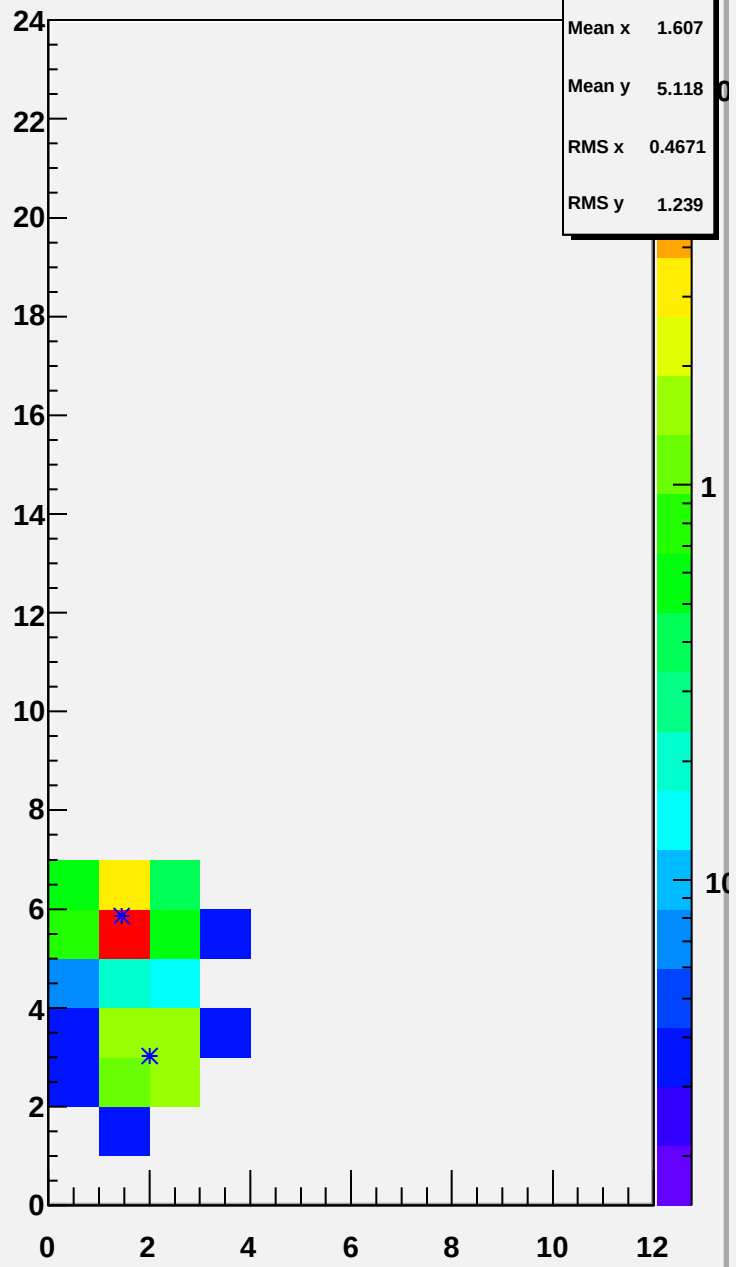
RMS x 2.172

RMS y 6.254

NSTB3_r4_c3_En=27.1_m0=0.190 m1=0.190 index=1482



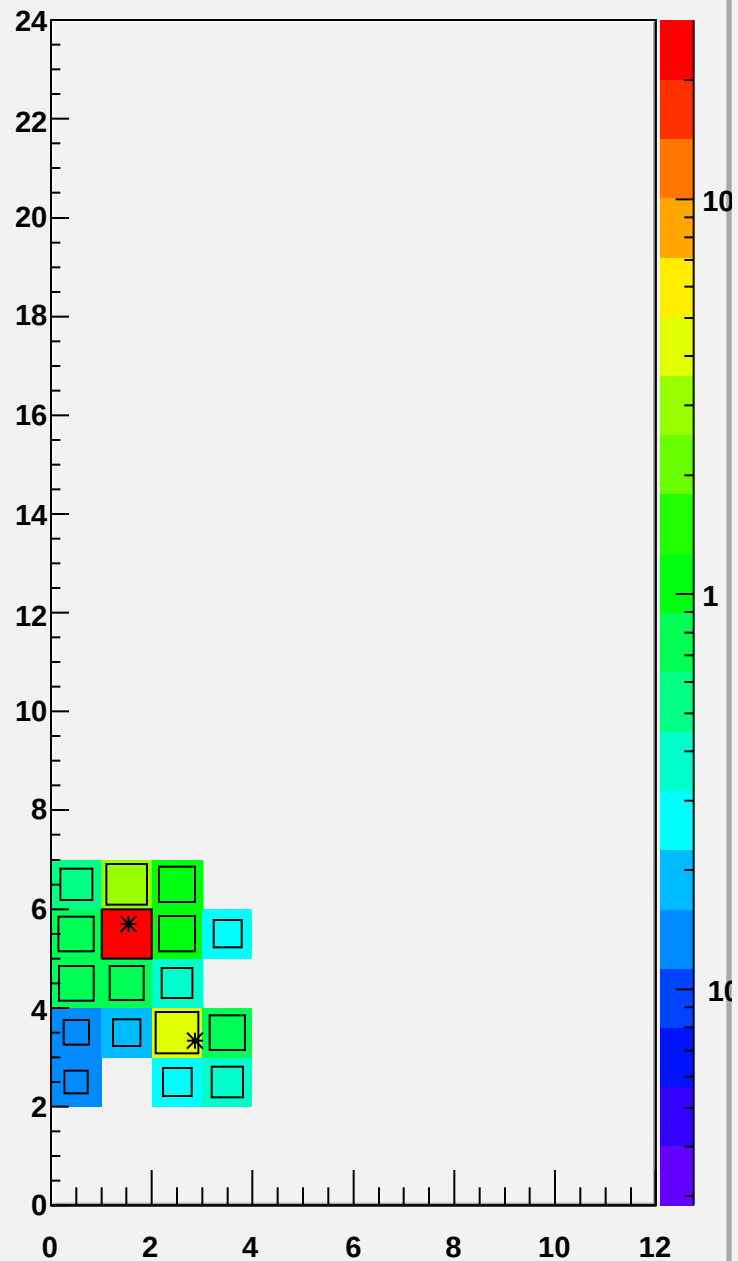
Fitted Energies



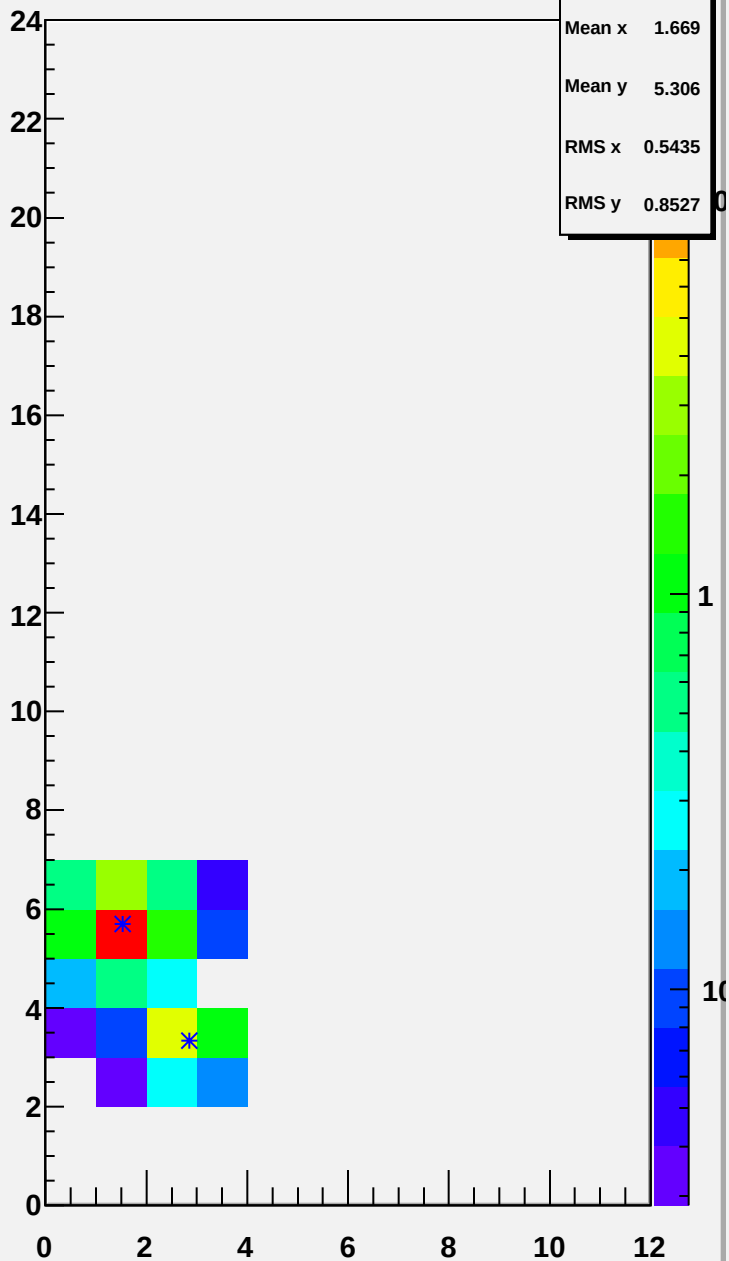
Efit

Entries	288
Mean x	1.607
Mean y	5.118
RMS x	0.4671
RMS y	1.239

NSTB3_r4_c3_En=42.4_m0=0.210 m1=0.210 index=1483



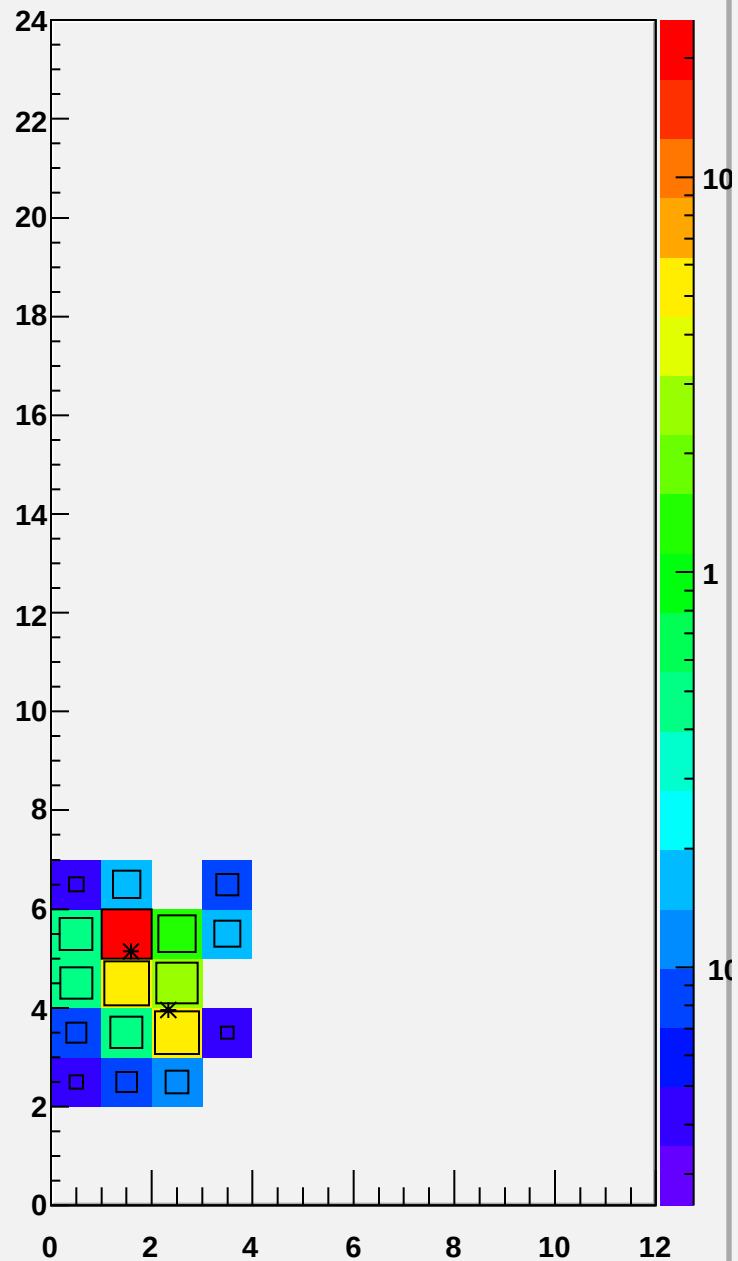
Fitted Energies



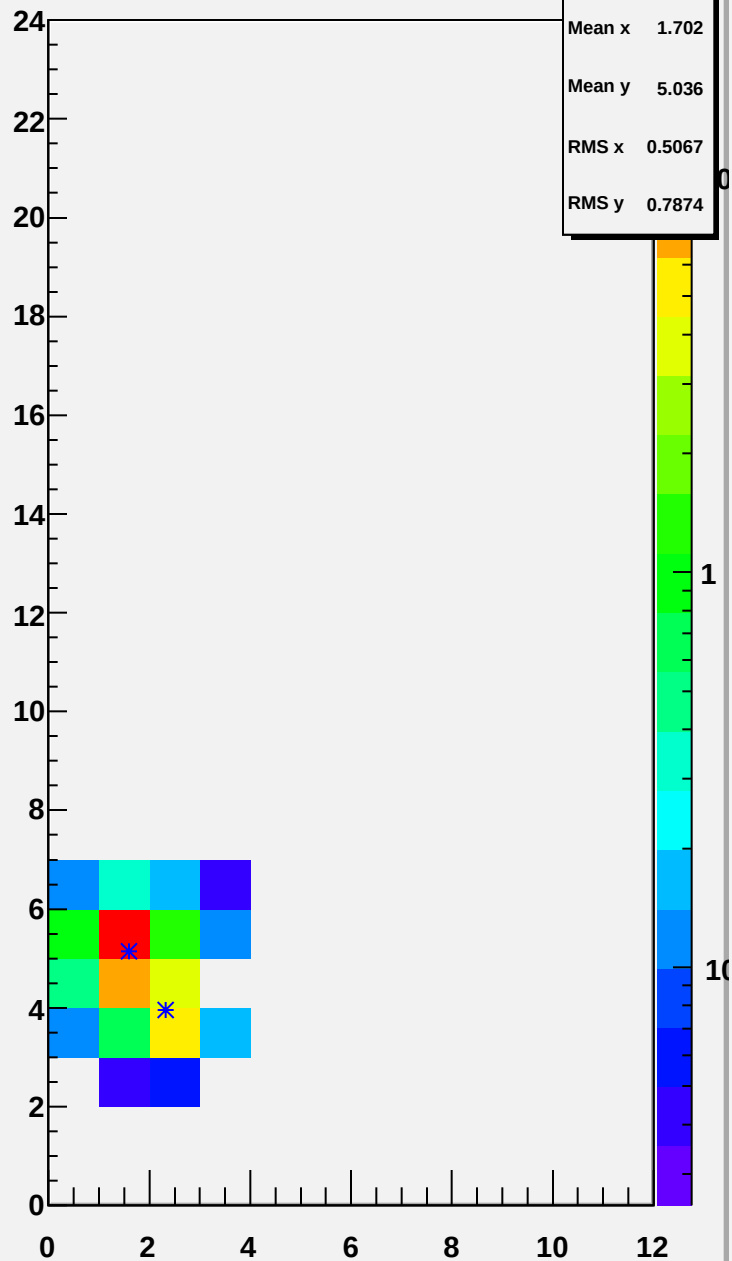
Efit

Entries	288
Mean x	1.669
Mean y	5.306
RMS x	0.5435
RMS y	0.8527

NSTB3_r4_c3_En=41.2_m0=0.132 m1=0.133 index=1484



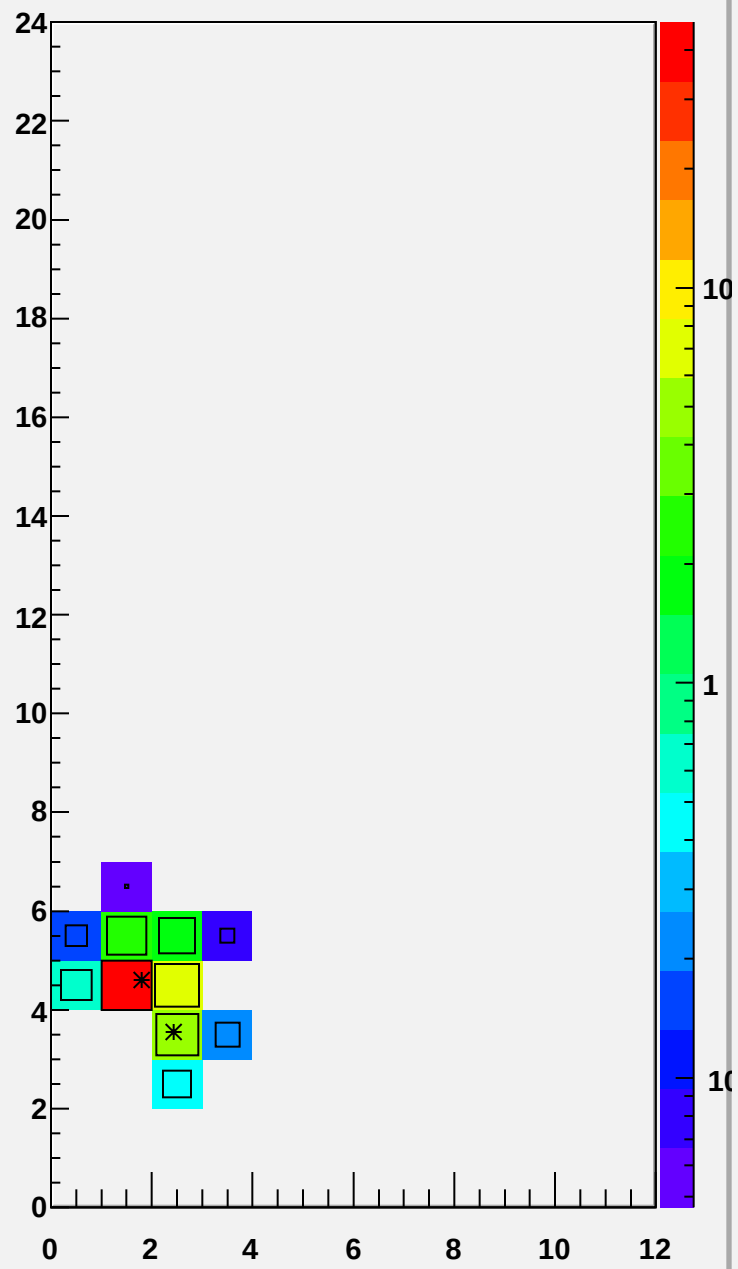
Fitted Energies



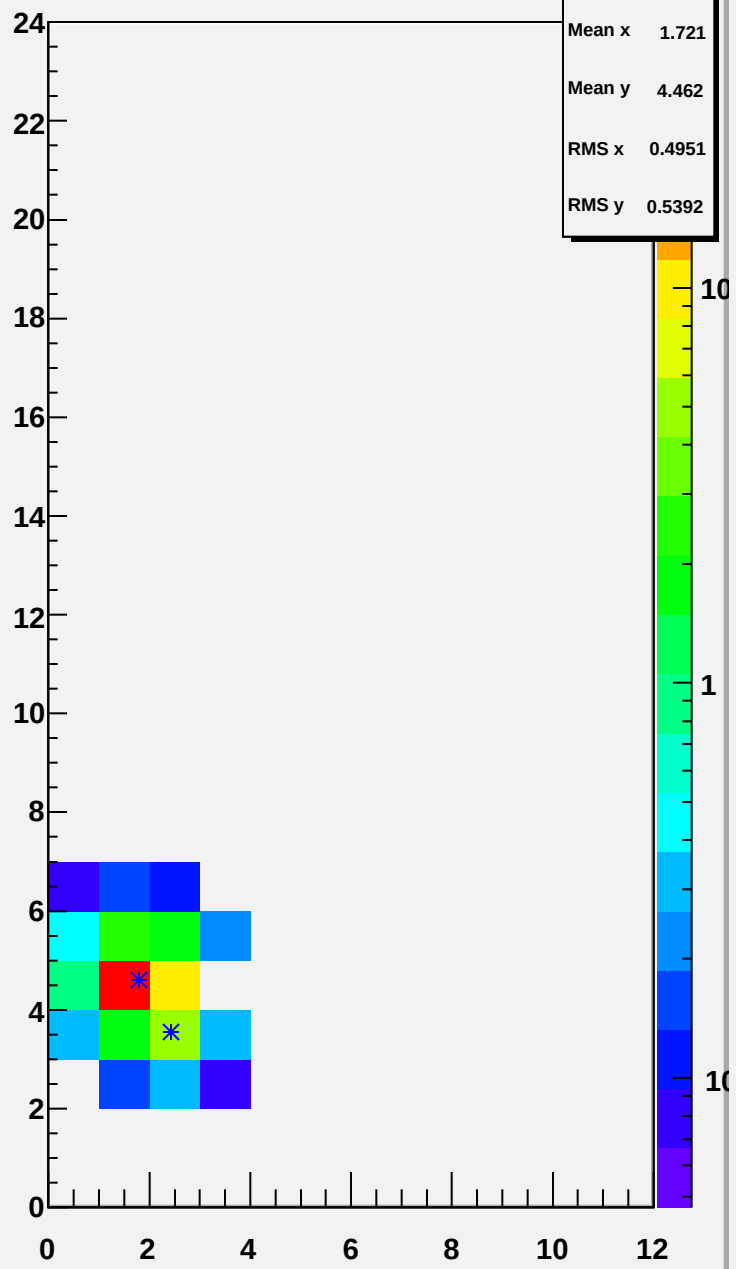
Efit

Entries	288
Mean x	1.702
Mean y	5.036
RMS x	0.5067
RMS y	0.7874

NSTB3_r4_c3_En=67.1_m0=0.128 m1=0.130 index=1485



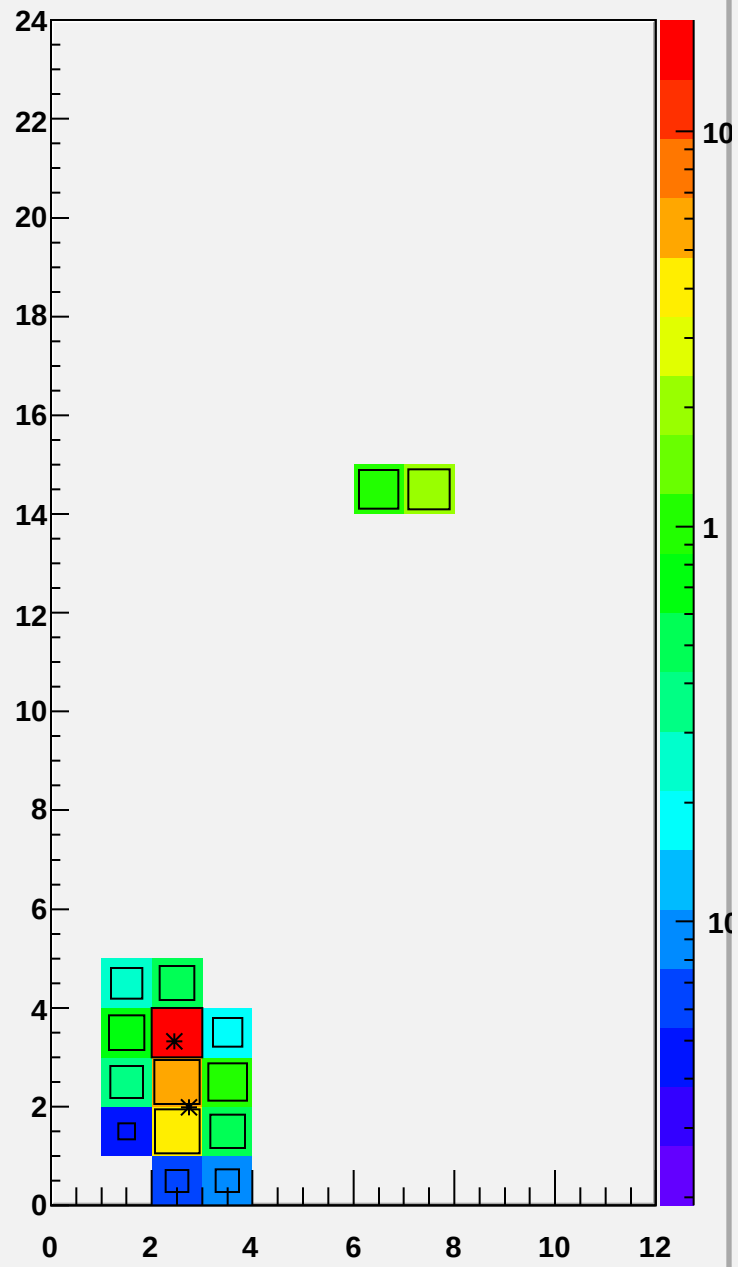
Fitted Energies



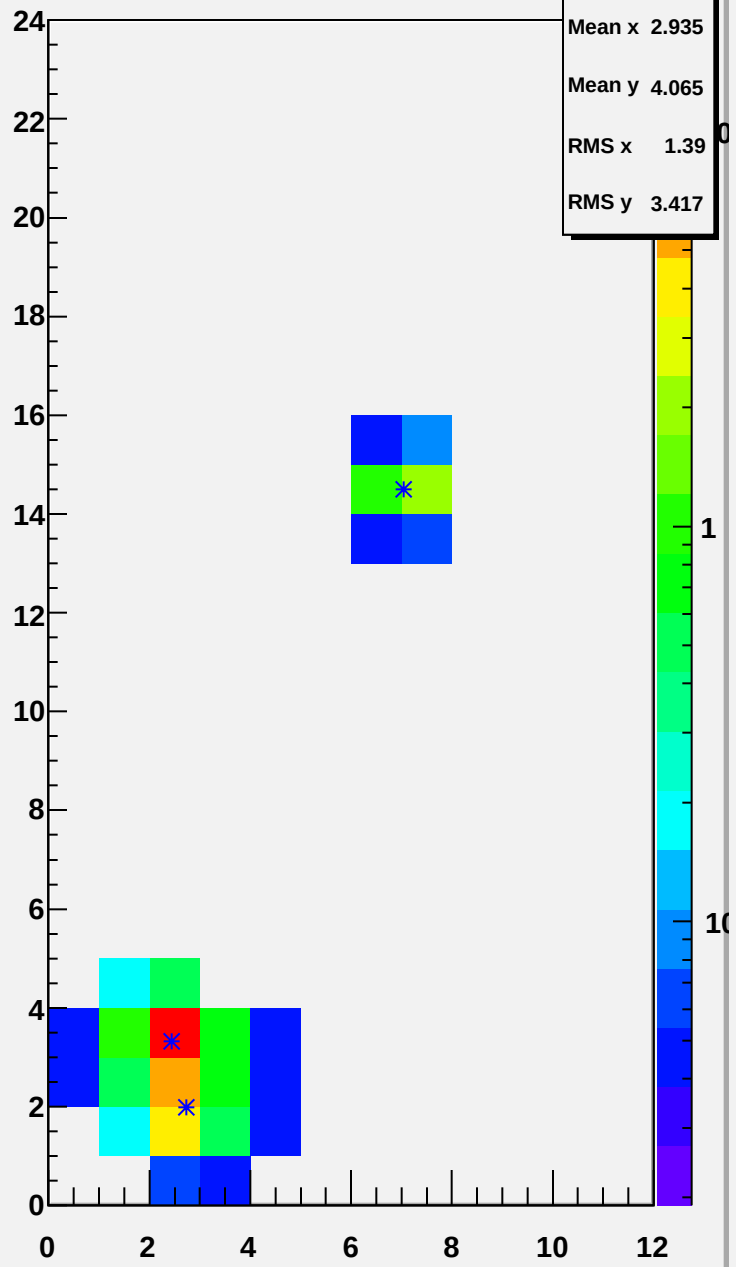
Efit

Entries	288
Mean x	1.721
Mean y	4.462
RMS x	0.4951
RMS y	0.5392

NSTB3_r4_c3_En=35.4_m0=0.113 m1=0.113 index=1486



Fitted Energies



Efit

Entries 288

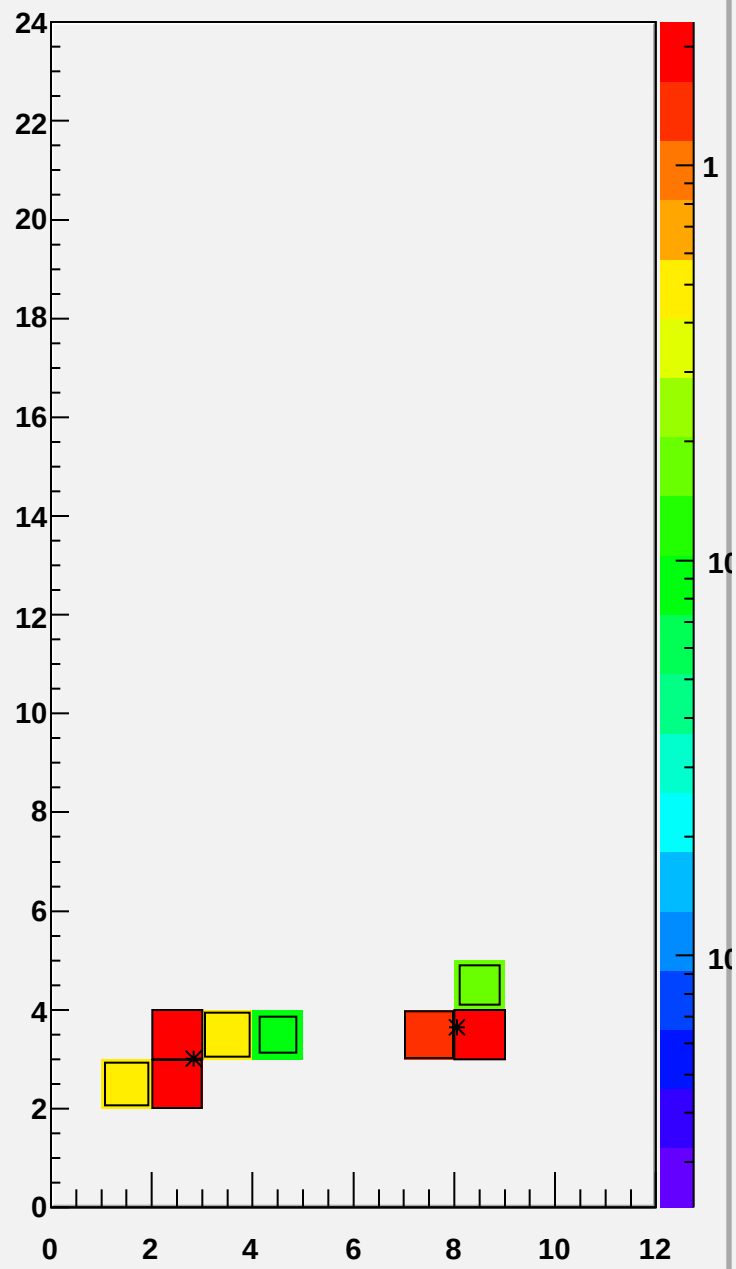
Mean x 2.935

Mean y 4.065

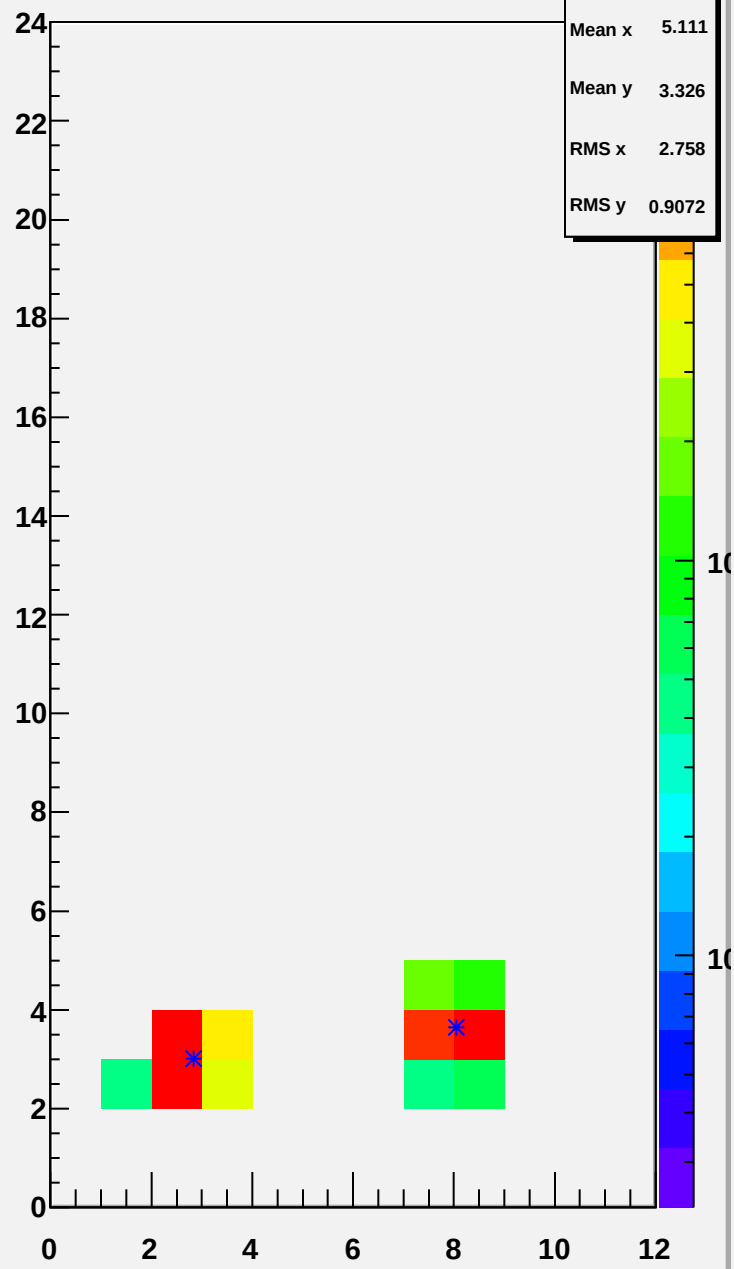
RMS x 1.39

RMS y 3.417

NSTB3_r4_c3_En= 8.5_m0=0.131 m1=0.131 index=1487



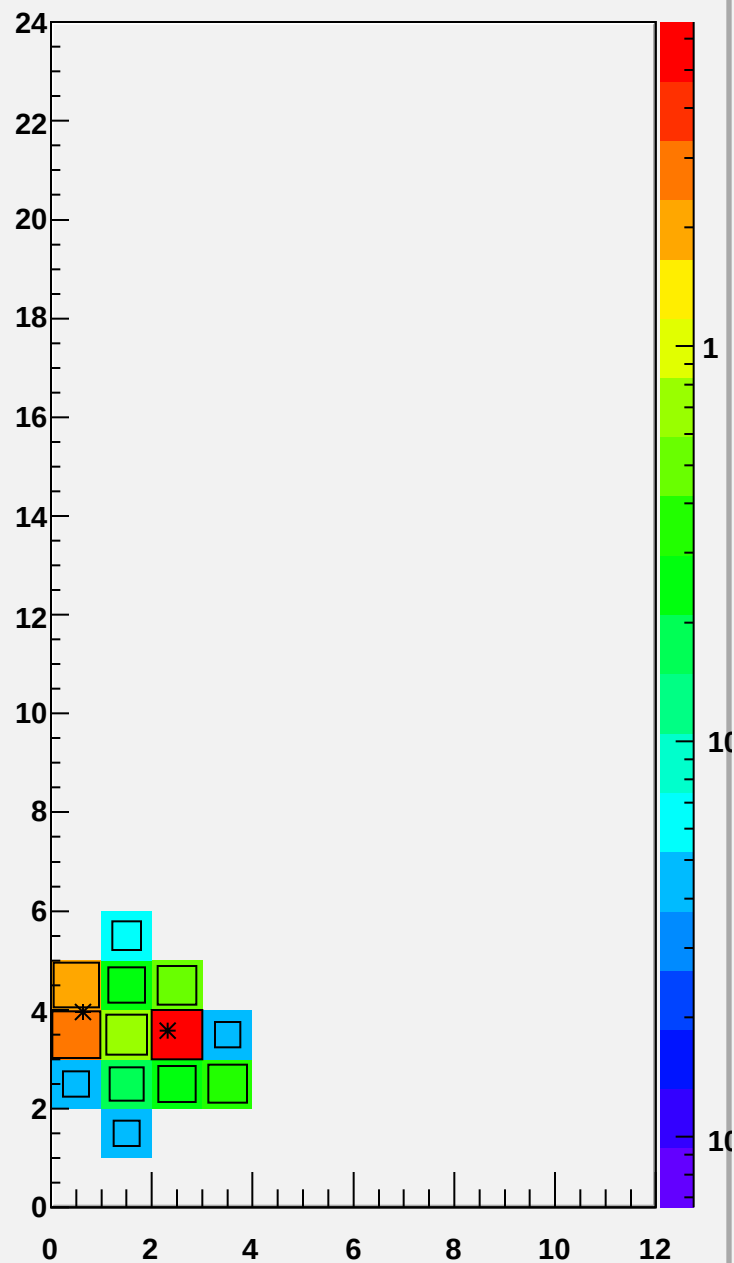
Fitted Energies



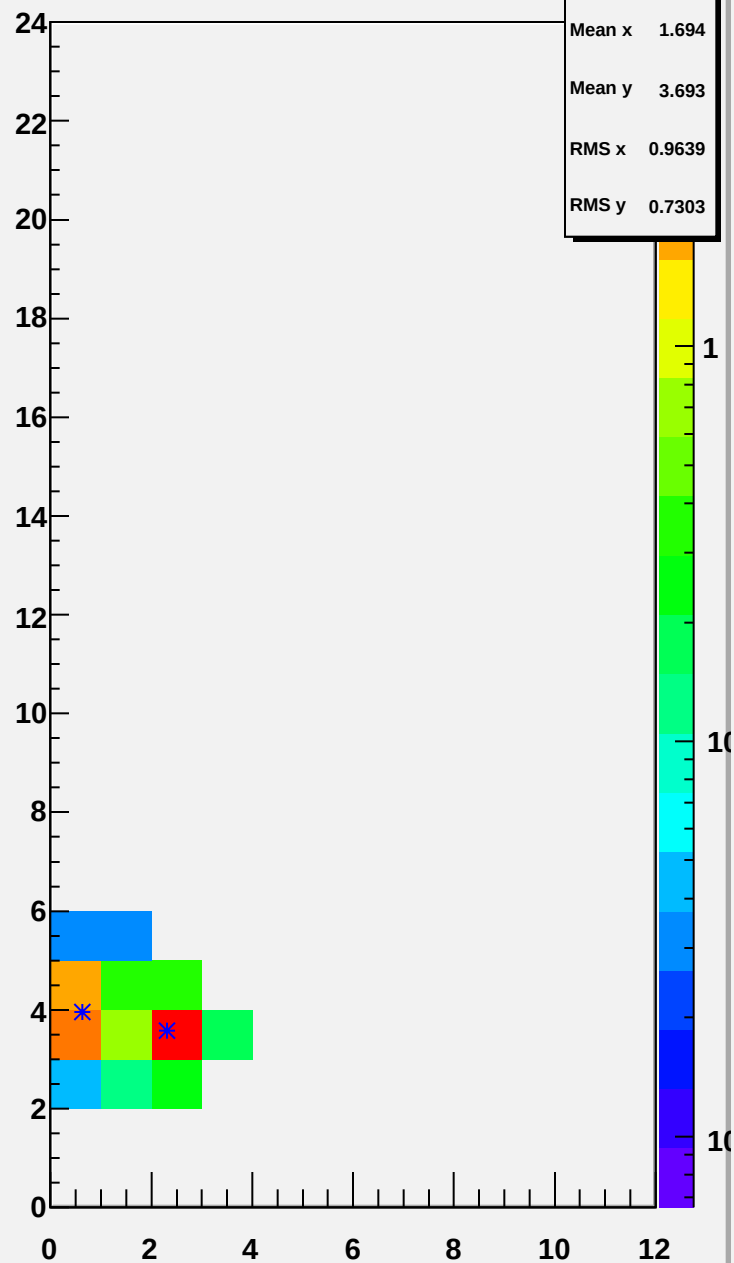
Efit

Entries	288
Mean x	5.111
Mean y	3.326
RMS x	2.758
RMS y	0.9072

NSTB3_r4_c3_En=13.8_m0=0.066 m1=0.066 index=1489



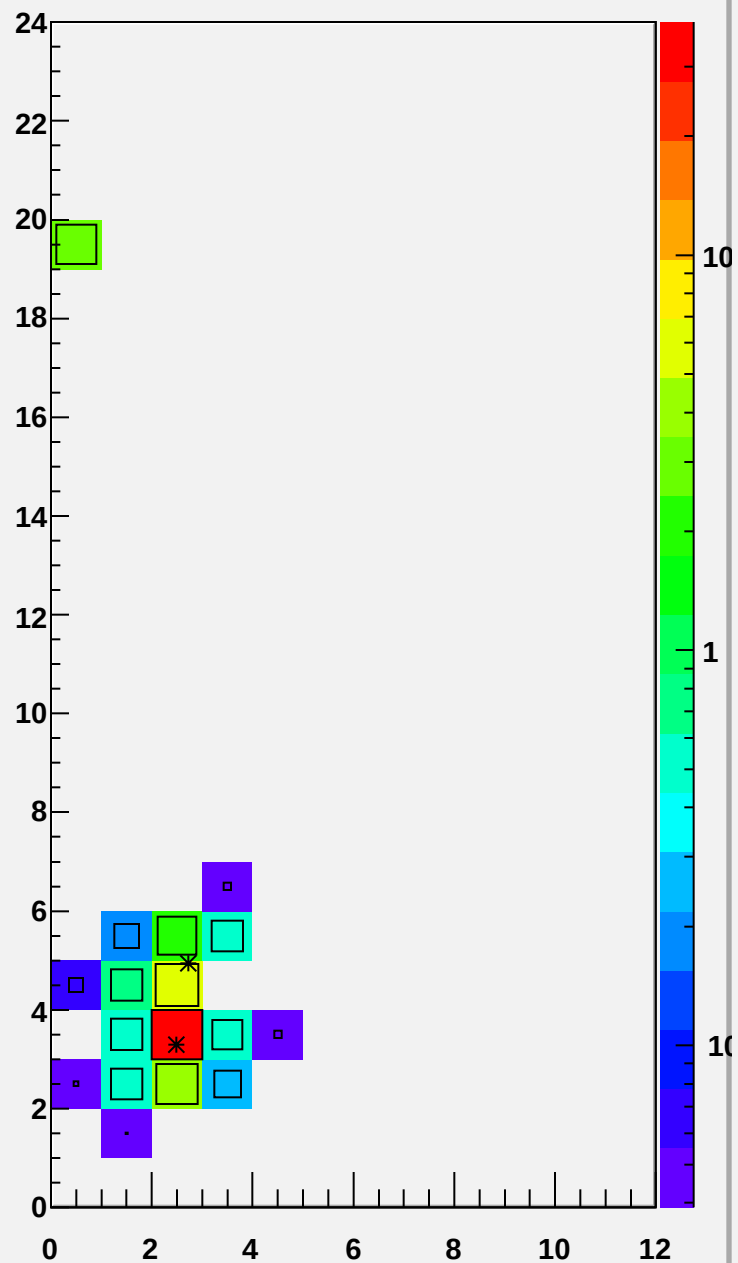
Fitted Energies



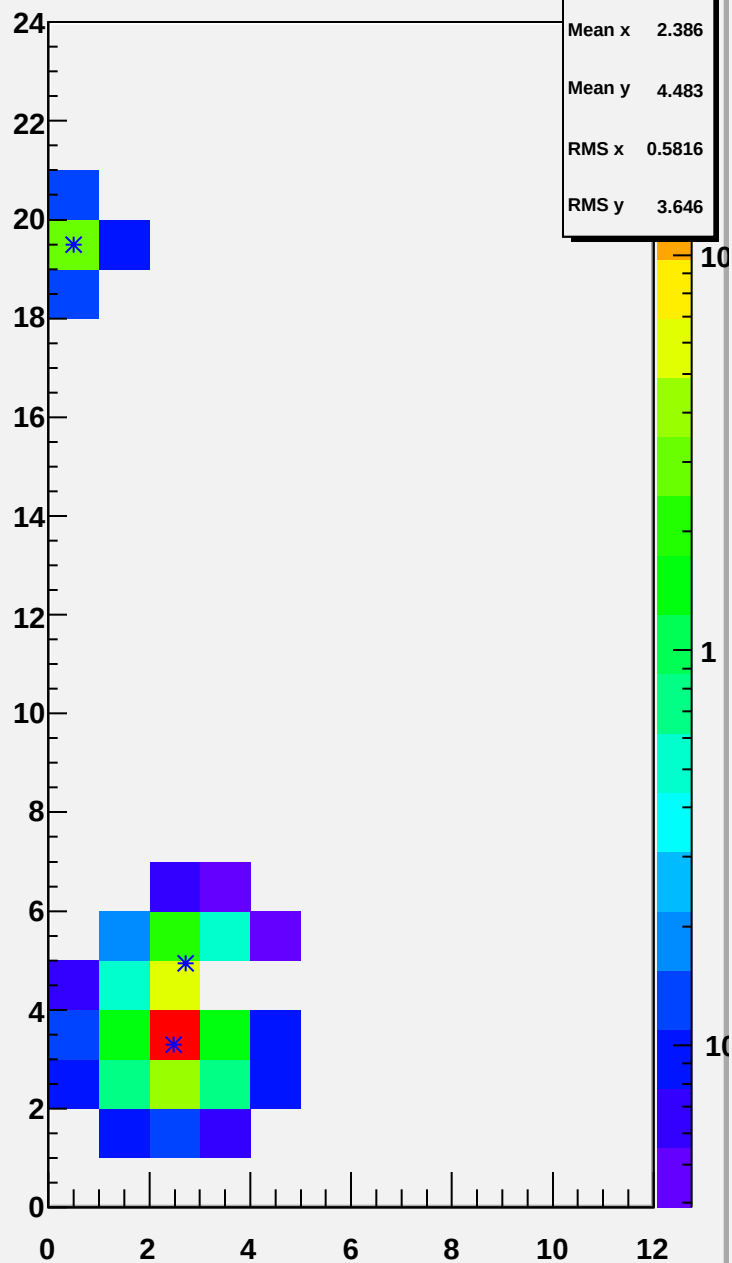
Efit

Entries	288
Mean x	1.694
Mean y	3.693
RMS x	0.9639
RMS y	0.7303

NSTB3_r4_c3_En=58.1_m0=0.188 m1=0.188 index=1490



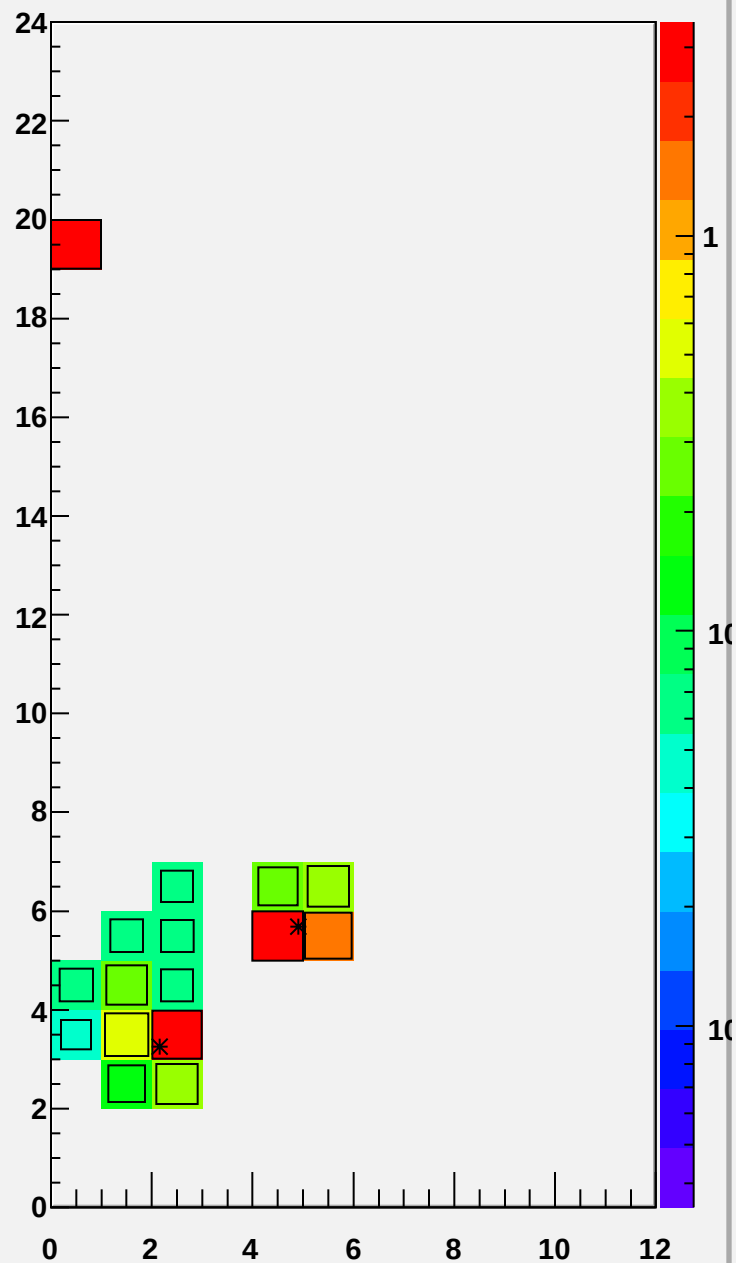
Fitted Energies



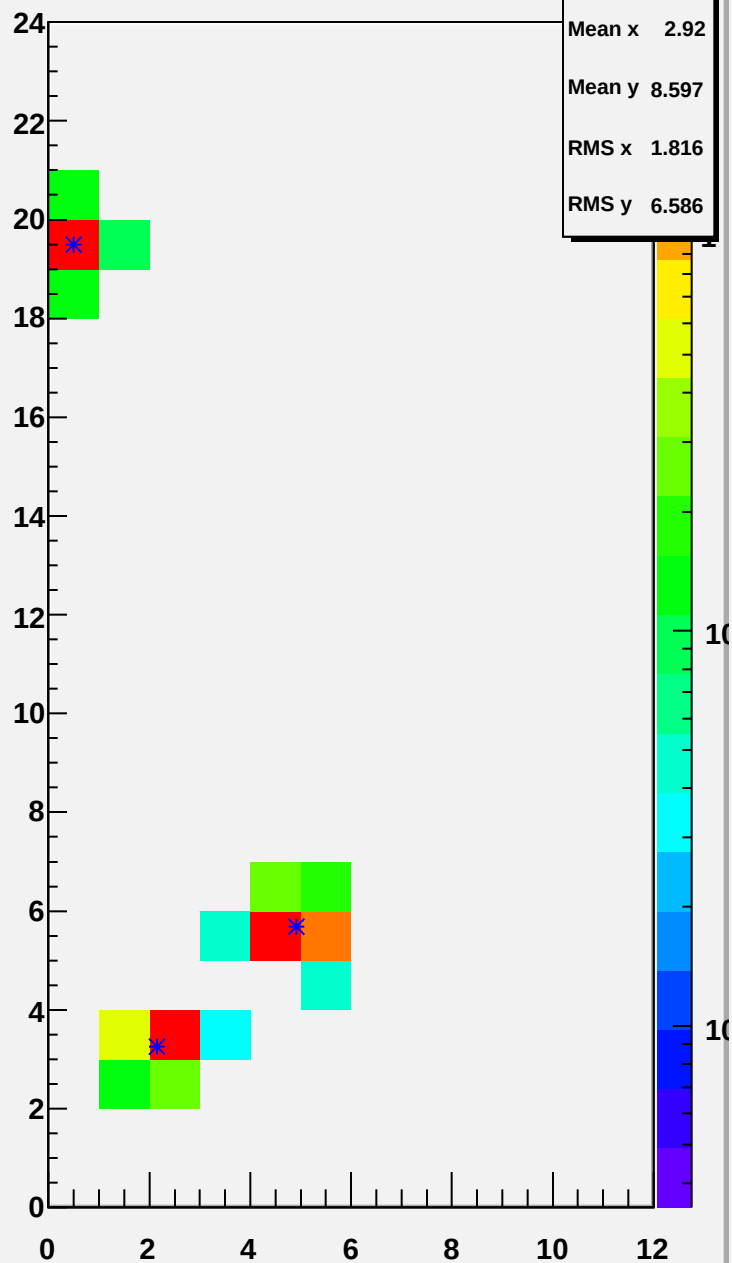
Efit

Entries	288
Mean x	2.386
Mean y	4.483
RMS x	0.5816
RMS y	3.646

NSTB3_r4_c3_En=12.9_m0=0.094_m1=0.094_index=1491



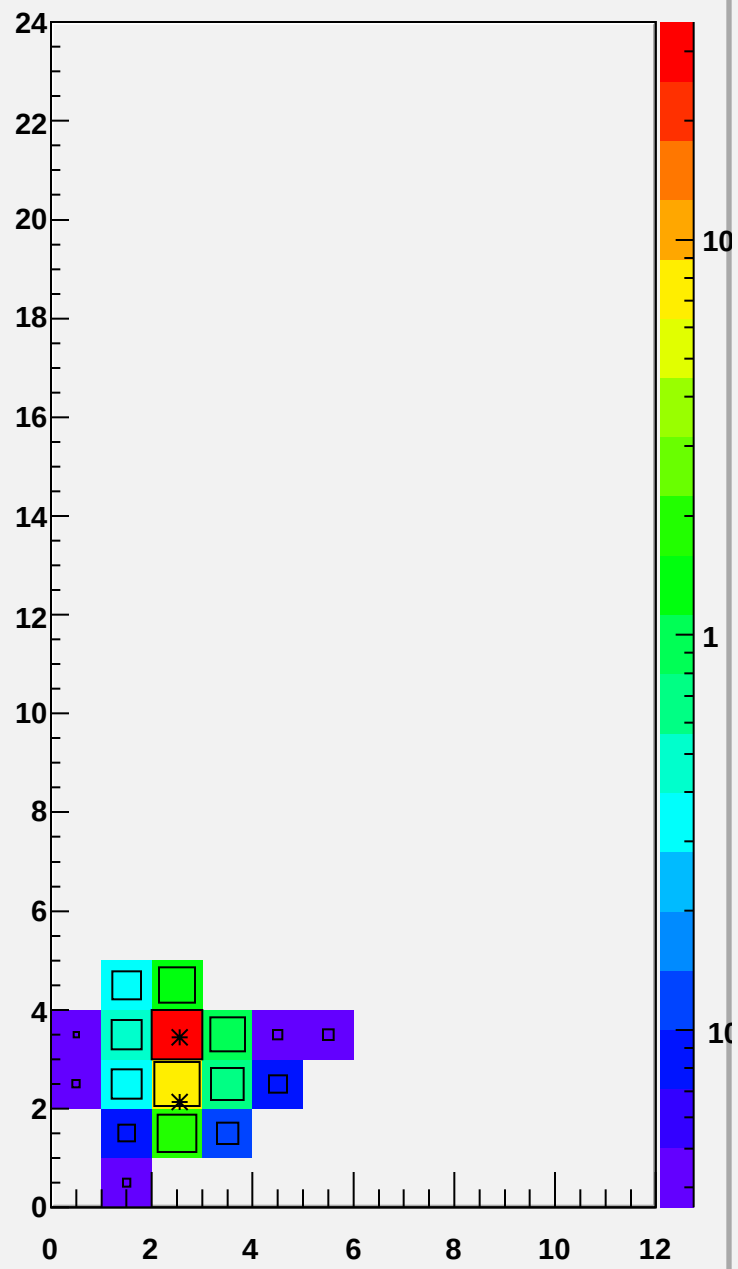
Fitted Energies



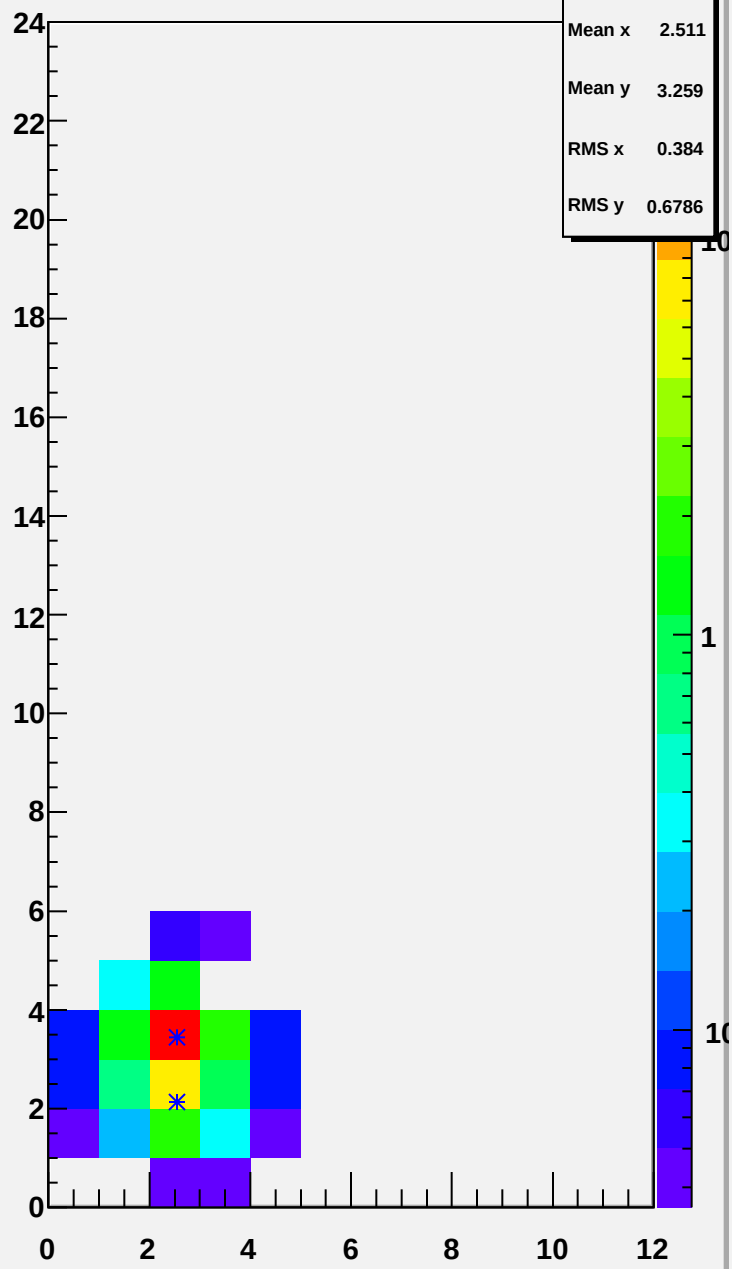
Efit

Entries 288
Mean x 2.92
Mean y 8.597
RMS x 1.816
RMS y 6.586

NSTB3_r4_c3_En=50.4_m0=0.144 m1=0.144 index=1492



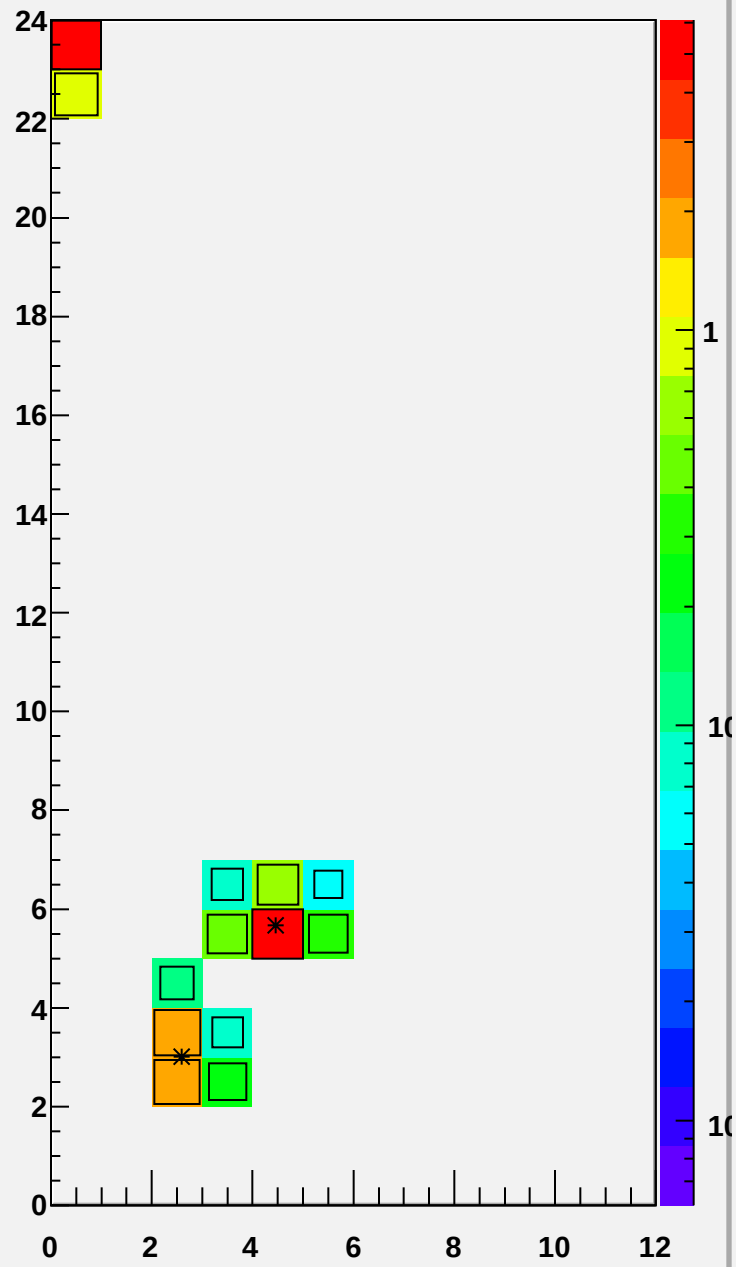
Fitted Energies



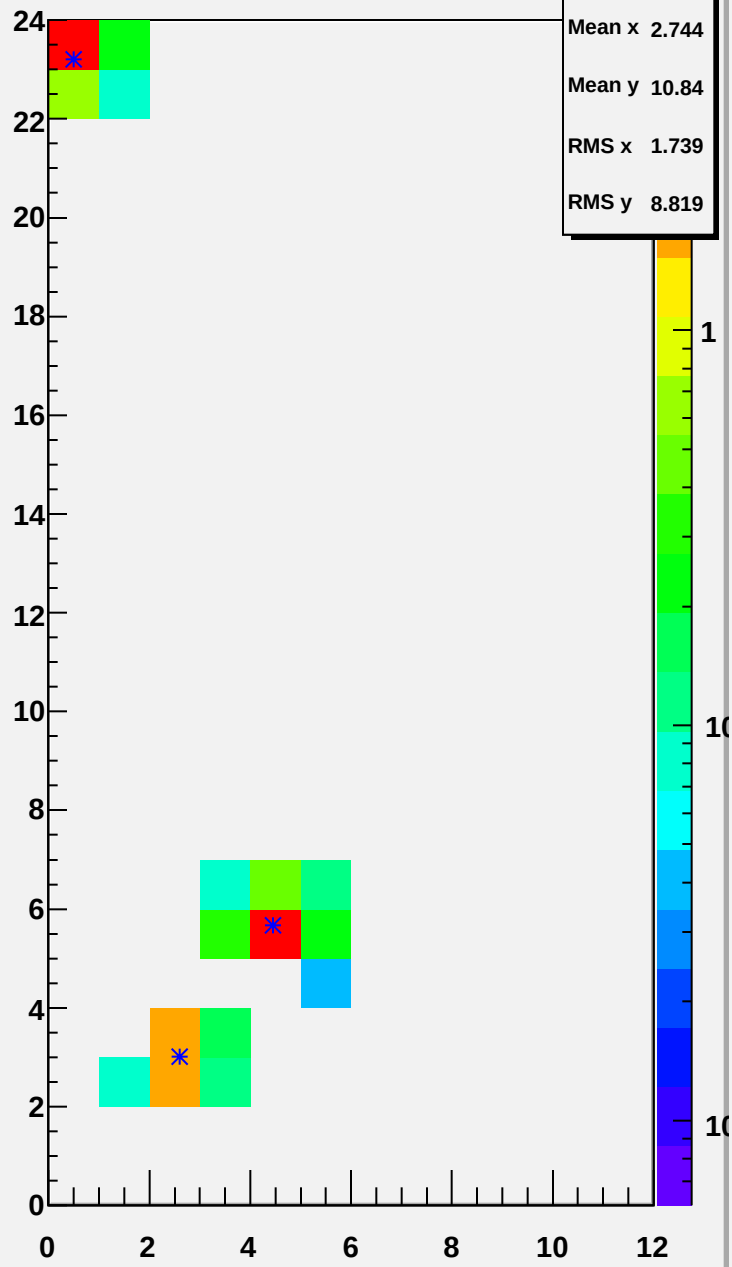
Efit

Entries	288
Mean x	2.511
Mean y	3.259
RMS x	0.384
RMS y	0.6786

NSTB3_r4_c3_En=17.1_m0=0.103 m1=0.103 index=1493



Fitted Energies



Efit

Entries 288

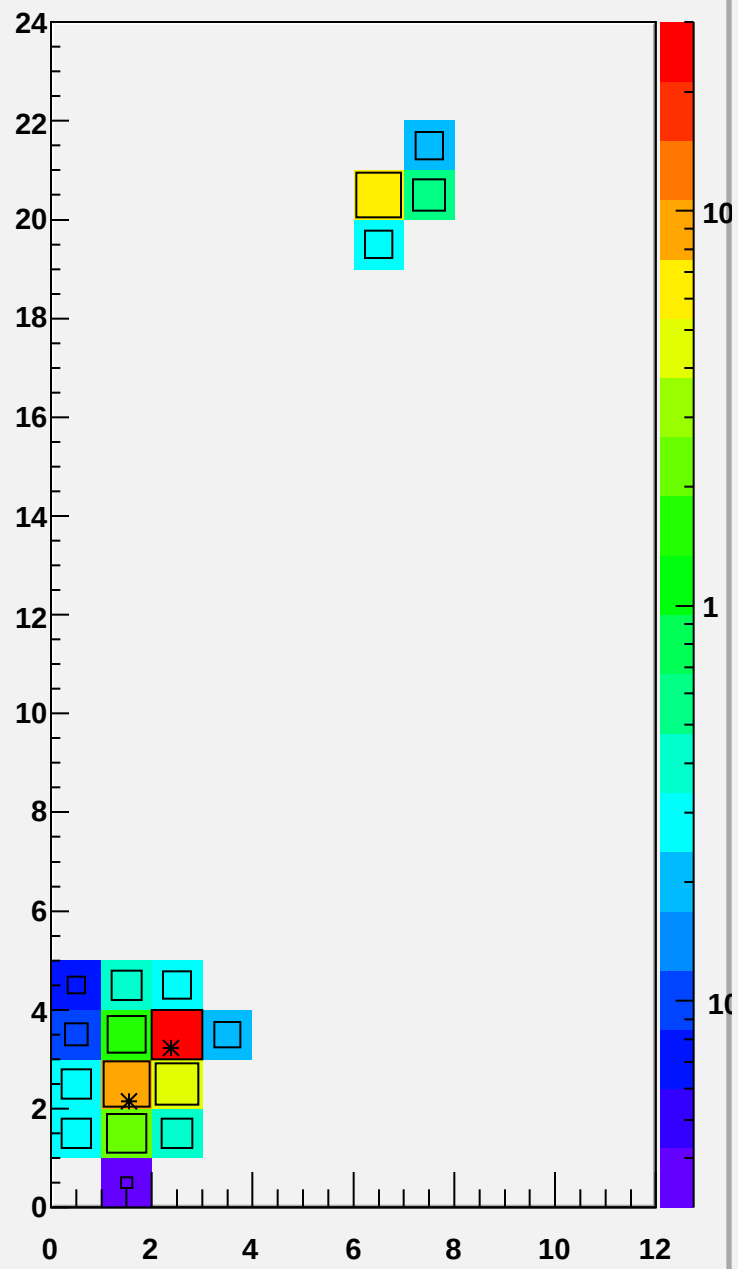
Mean x 2.744

Mean y 10.84

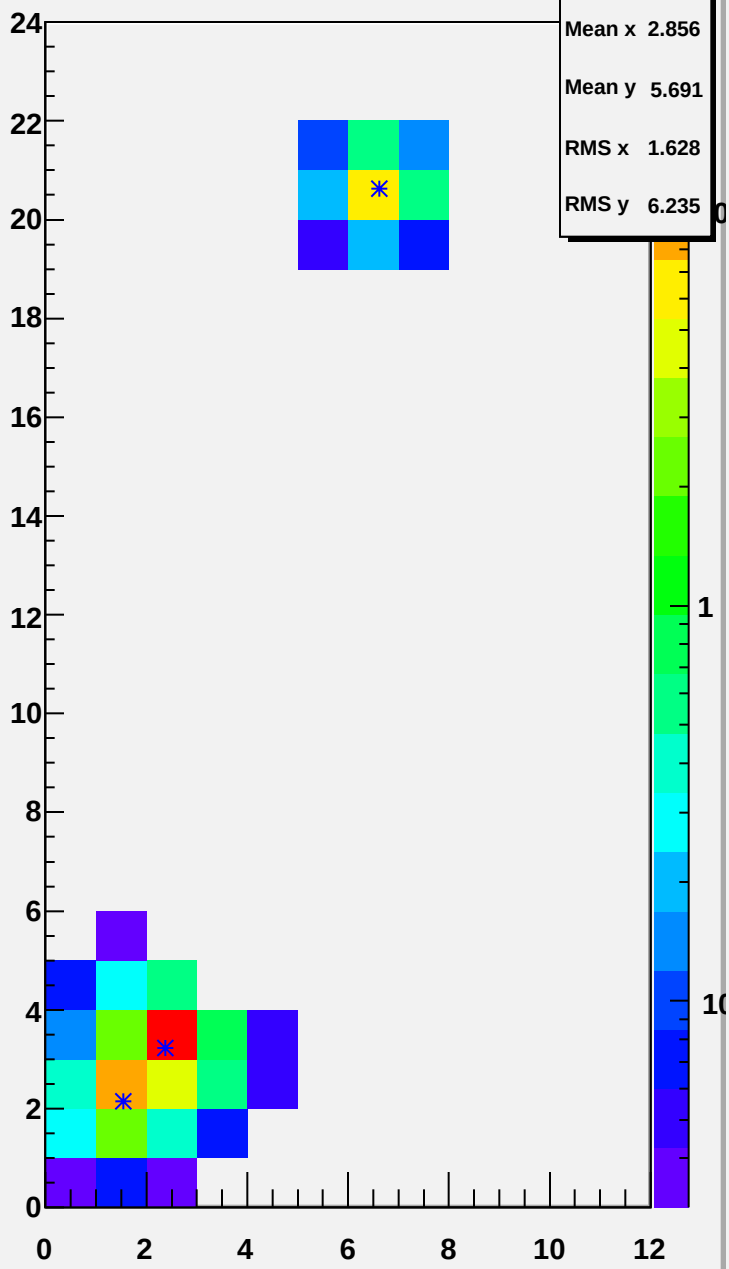
RMS x 1.739

RMS y 8.819

NSTB3_r4_c3_En=57.5_m0=0.171 m1=0.171 index=1495



Fitted Energies



Efit

Entries 288

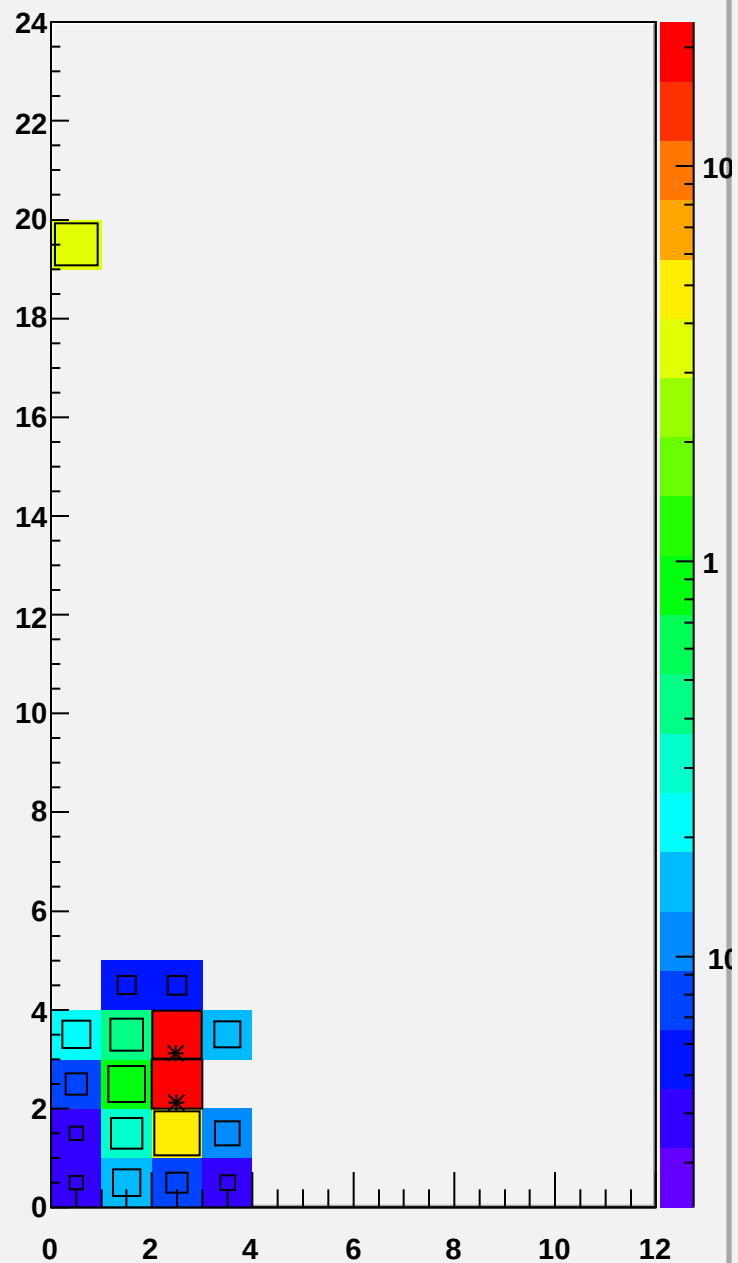
Mean x 2.856

Mean y 5.691

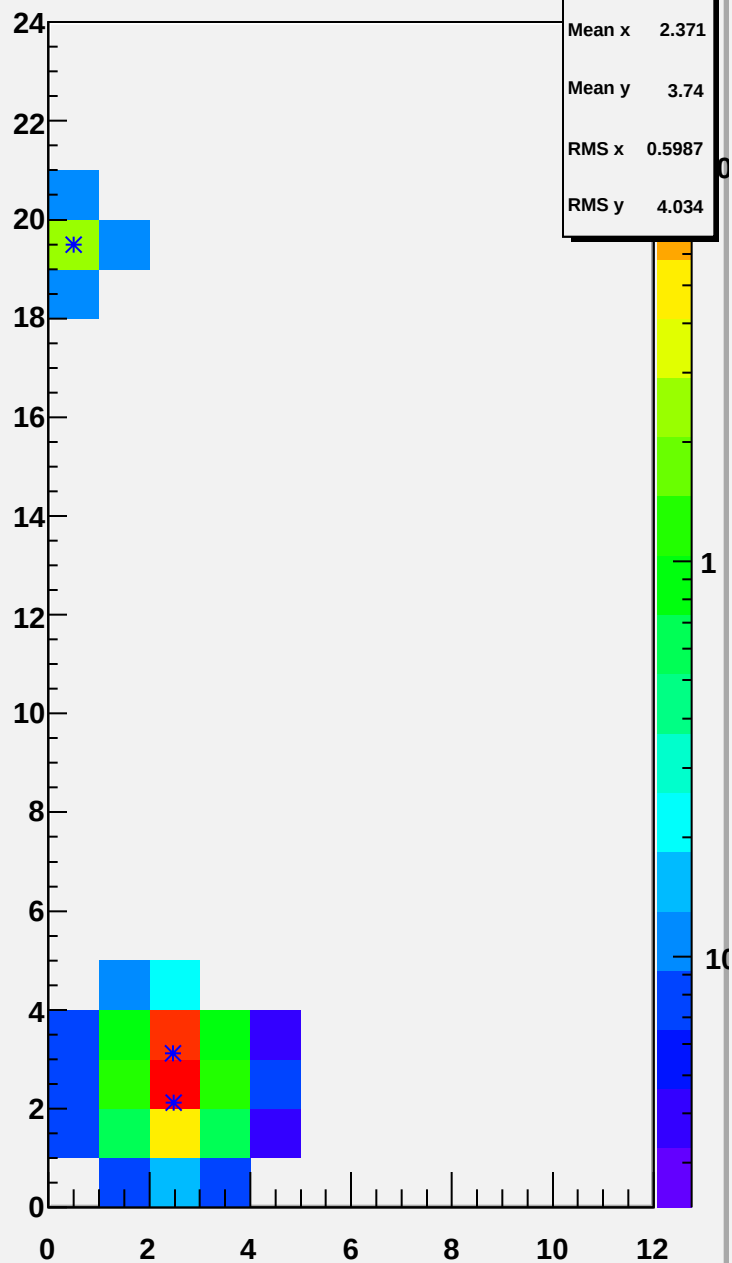
RMS x 1.628

RMS y 6.235

NSTB3_r4_c3_En=52.0_m0=0.137 m1=0.137 index=1497



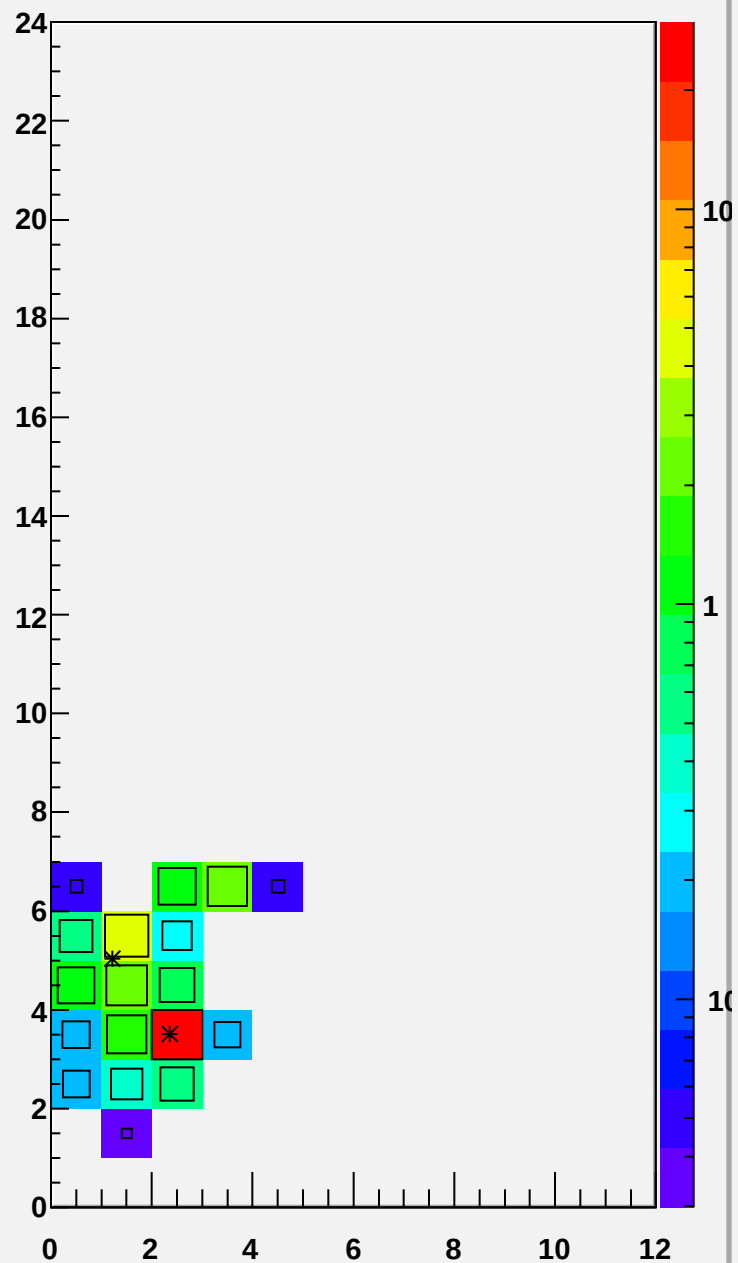
Fitted Energies



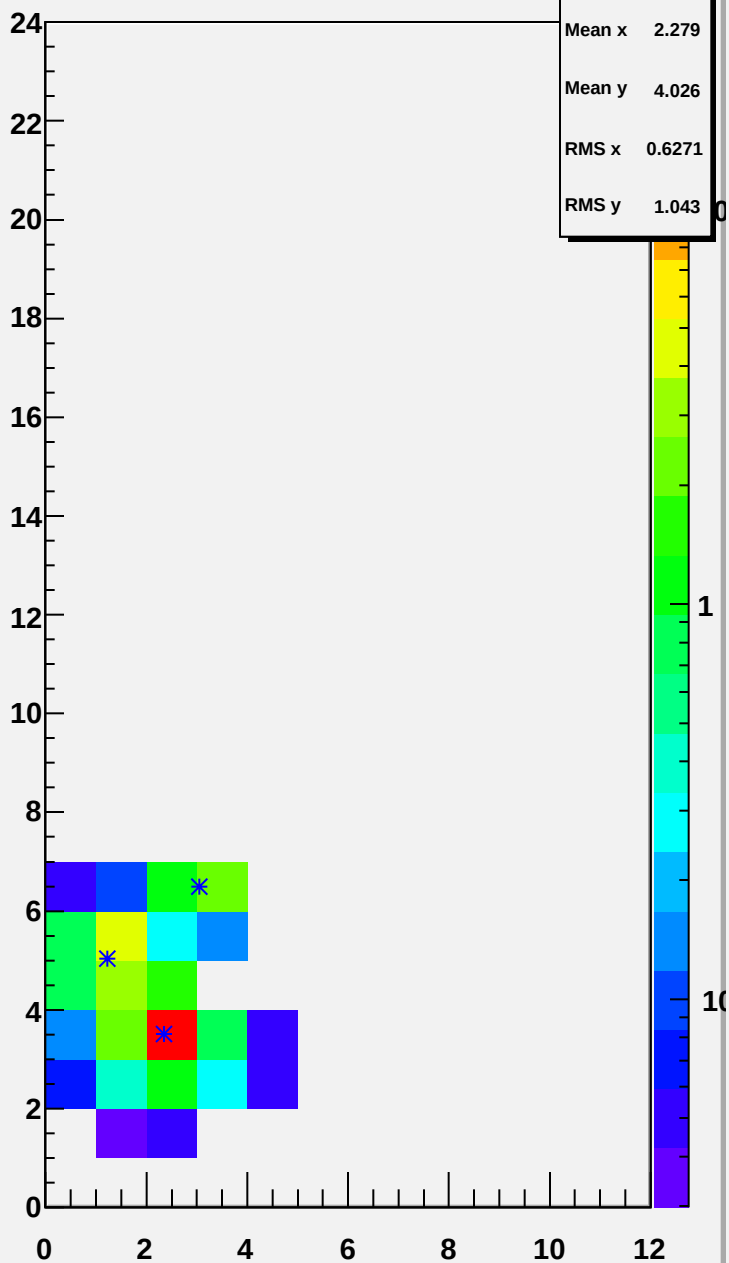
Efit

Entries	288
Mean x	2.371
Mean y	3.74
RMS x	0.5987
RMS y	4.034

NSTB3_r4_c3_En=47.0_m0=0.196 m1=0.196 index=1498



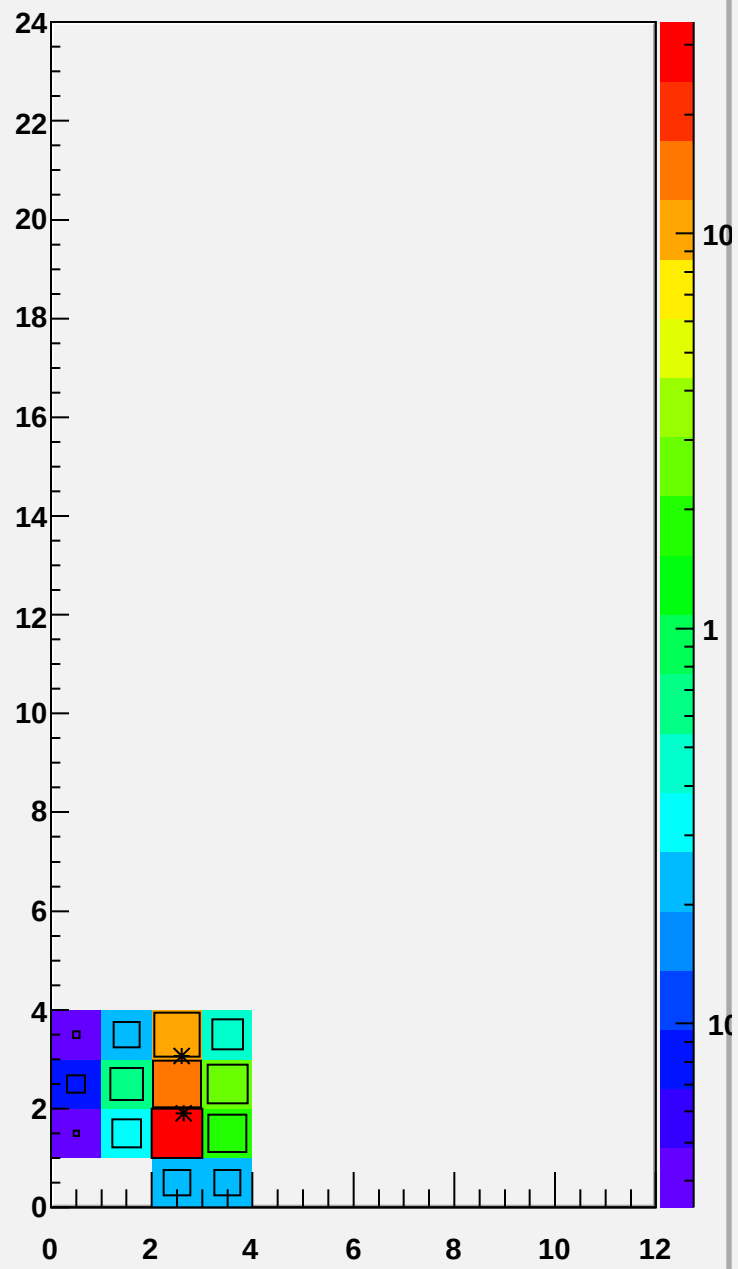
Fitted Energies



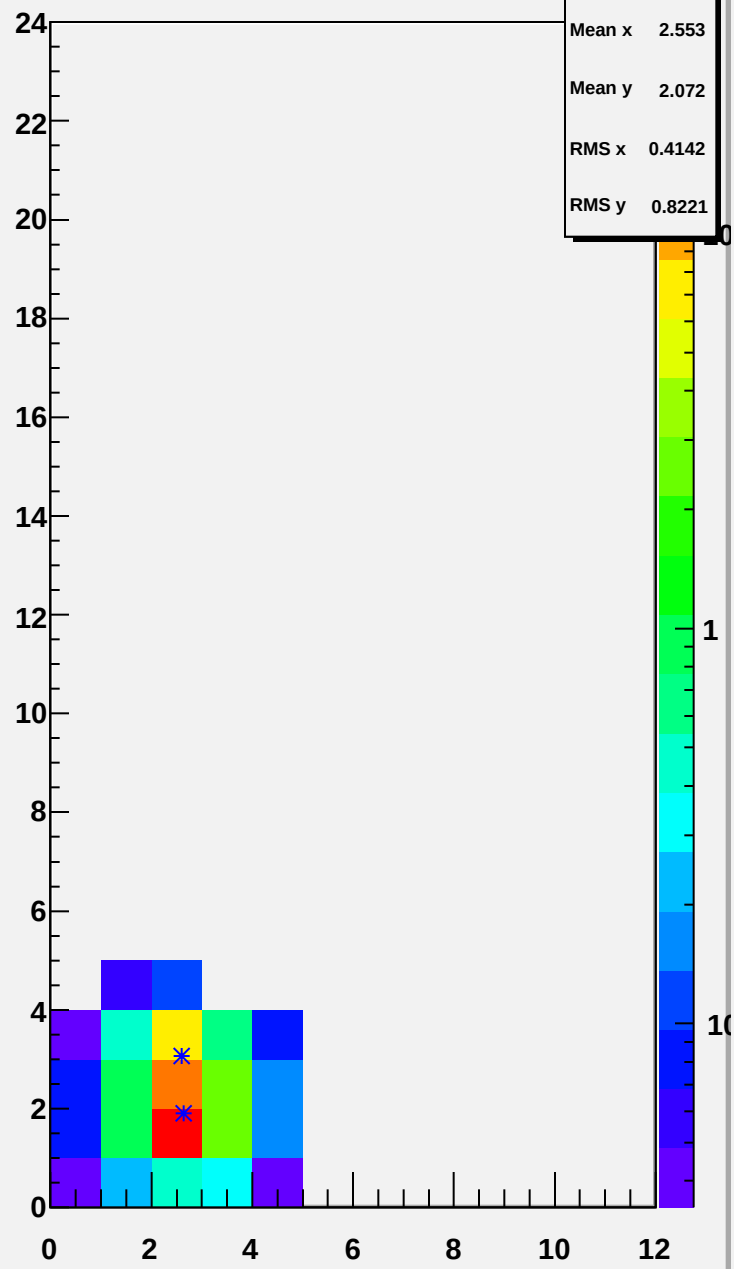
Efit

Entries	288
Mean x	2.279
Mean y	4.026
RMS x	0.6271
RMS y	1.043

NSTB3_r4_c3_En=65.2_m0=0.172 m1=0.171 index=1501



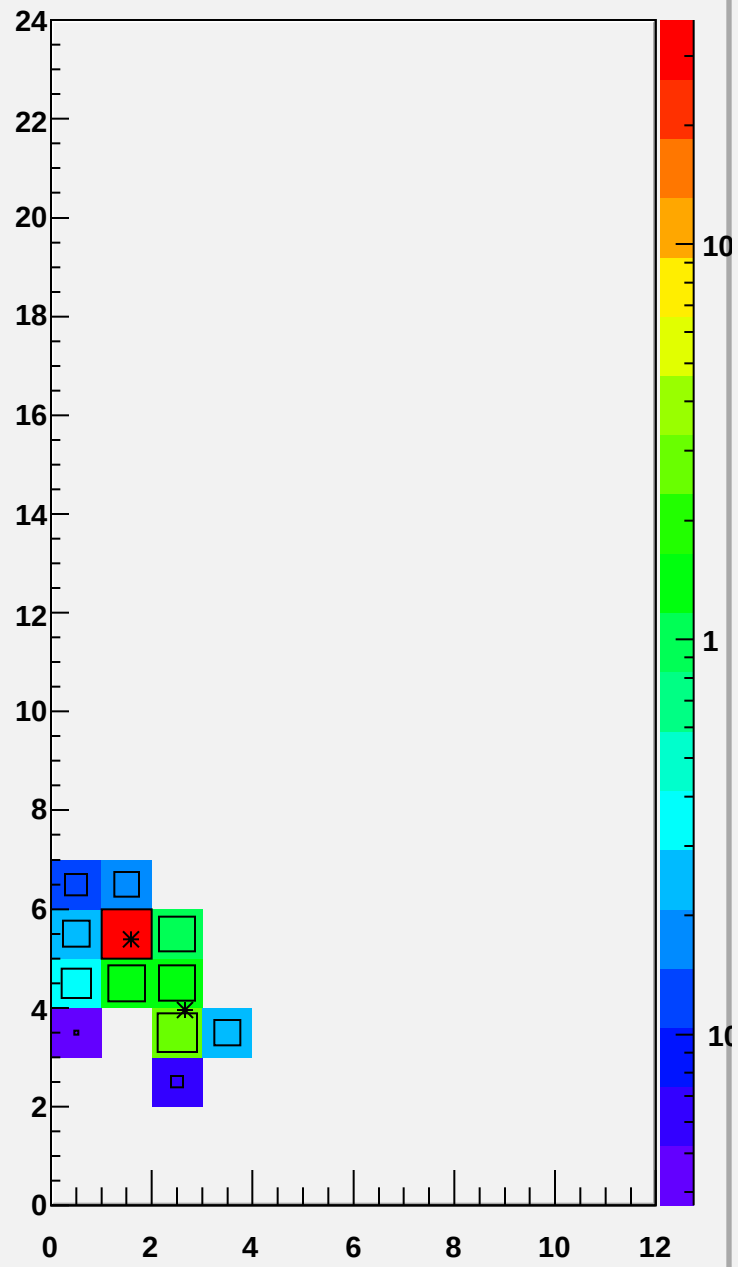
Fitted Energies



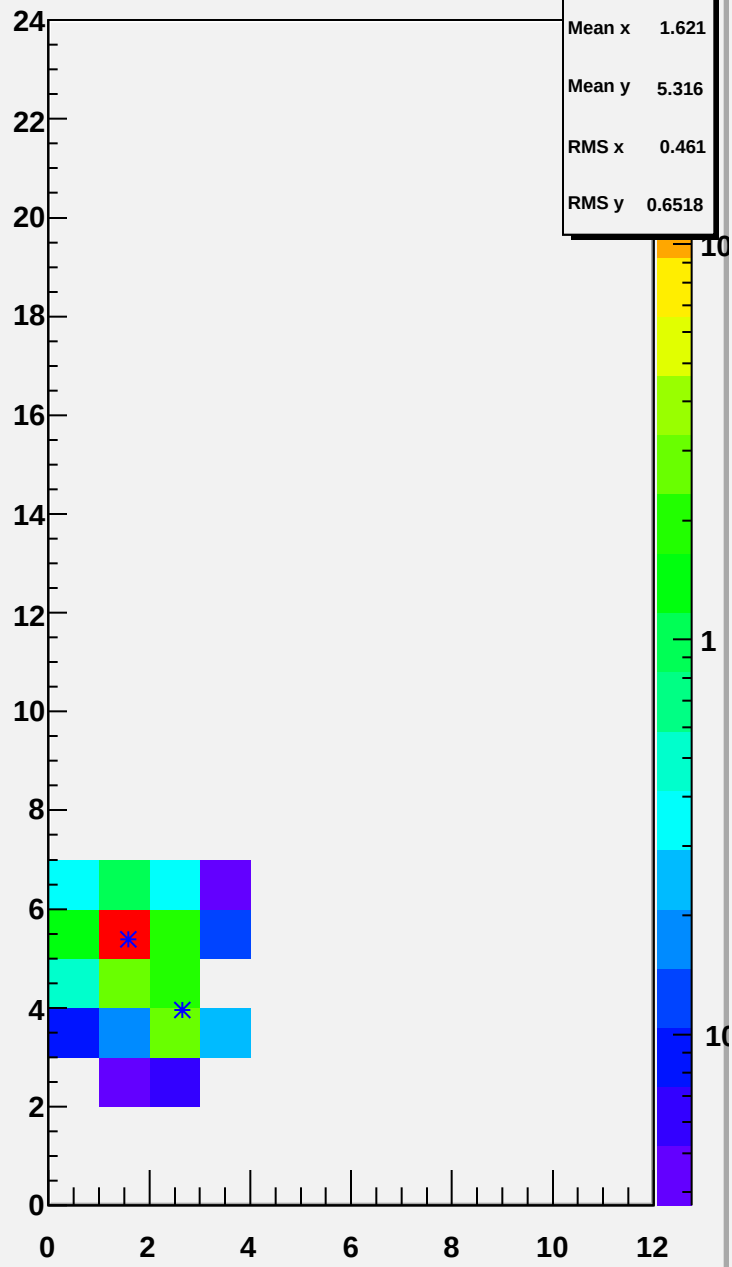
Efit

Entries	288
Mean x	2.553
Mean y	2.072
RMS x	0.4142
RMS y	0.8221

NSTB3_r4_c3_En=44.7_m0=0.140 m1=0.141 index=1502



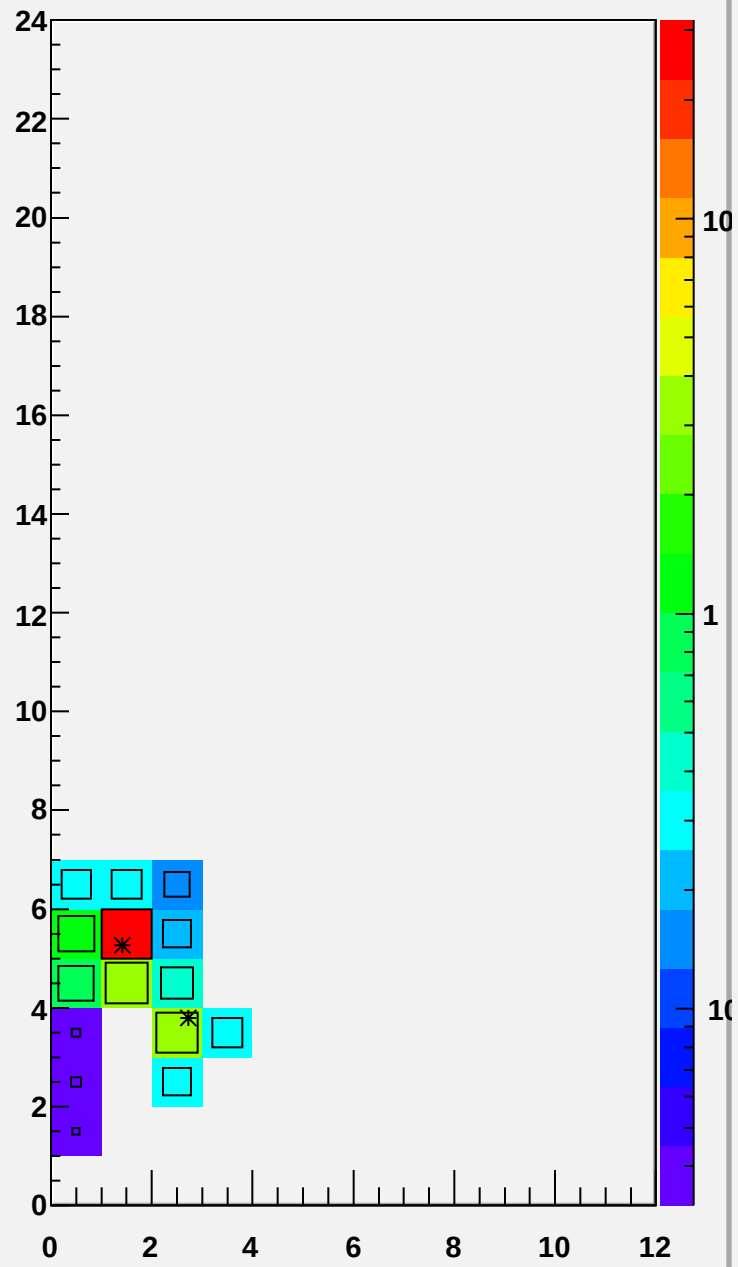
Fitted Energies



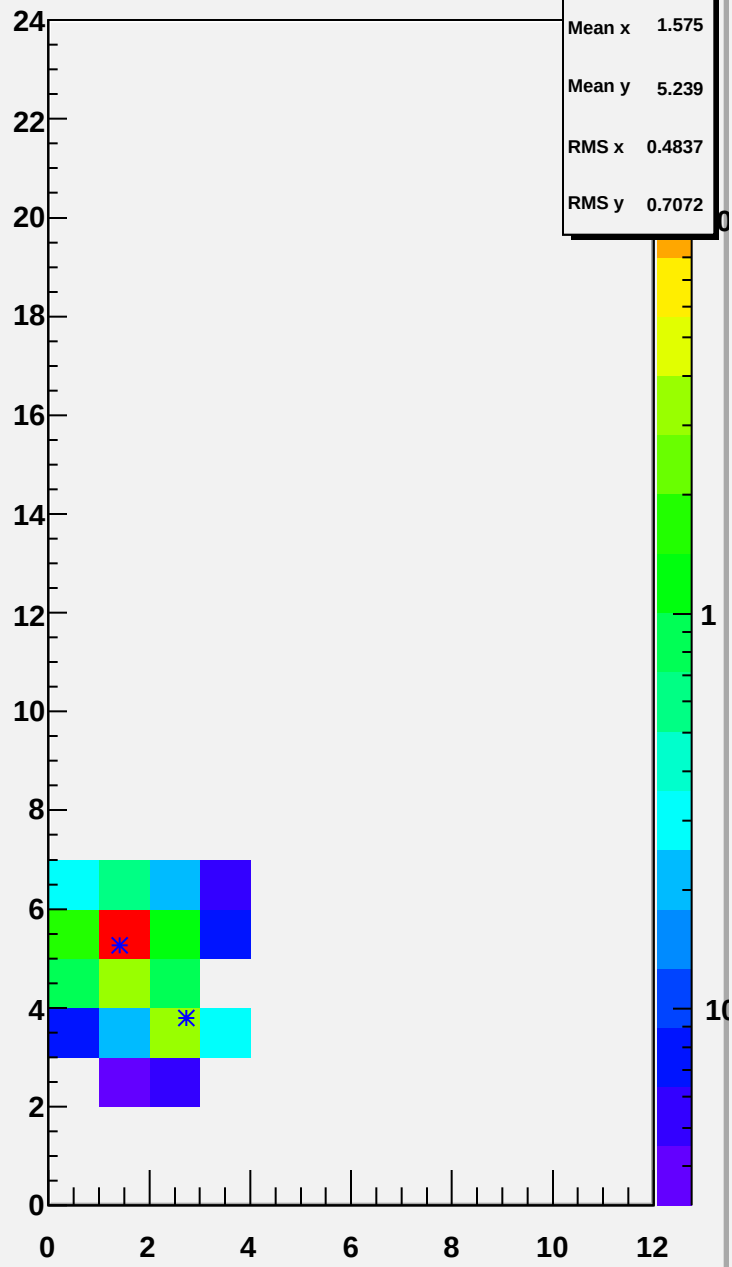
Efit

Entries	288
Mean x	1.621
Mean y	5.316
RMS x	0.461
RMS y	0.6518

NSTB3_r4_c3_En=42.6_m0=0.142 m1=0.142 index=1503



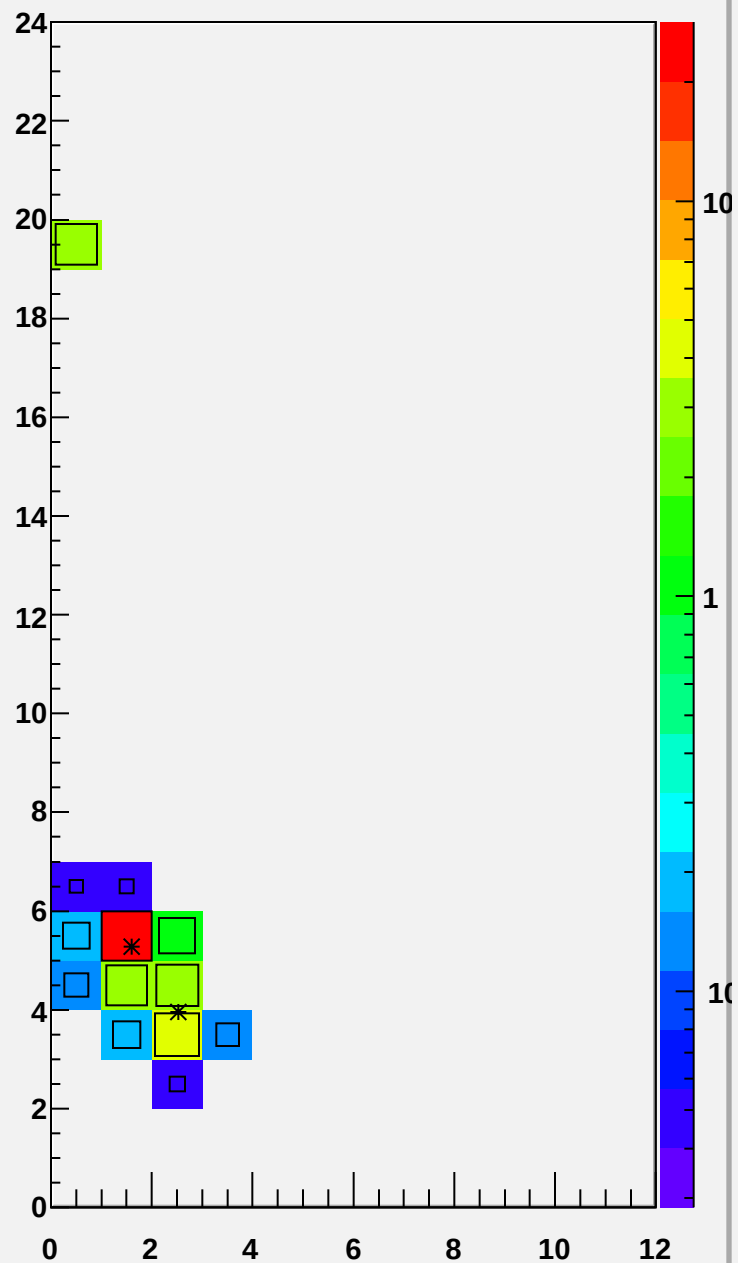
Fitted Energies



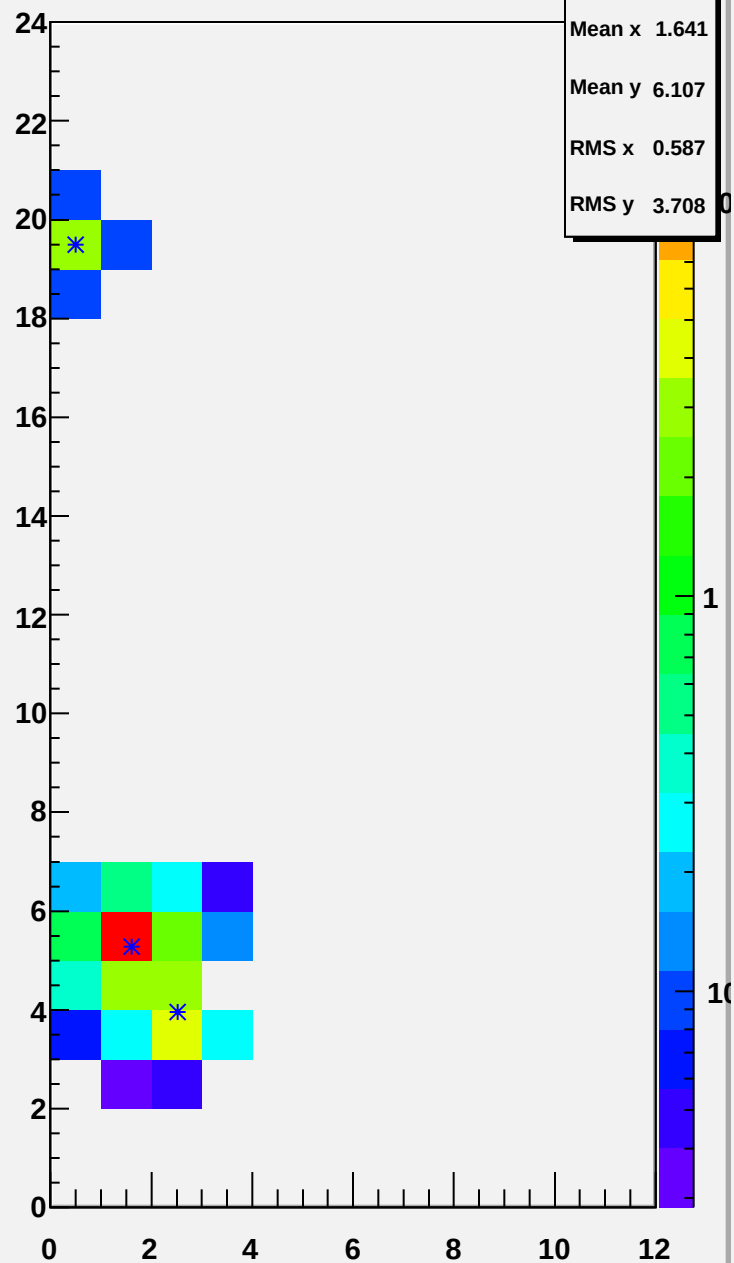
Efit

Entries	288
Mean x	1.575
Mean y	5.239
RMS x	0.4837
RMS y	0.7072

NSTB3_r4_c3_En=44.5_m0=0.153 m1=0.153 index=1504



Fitted Energies



Efit

Entries 288

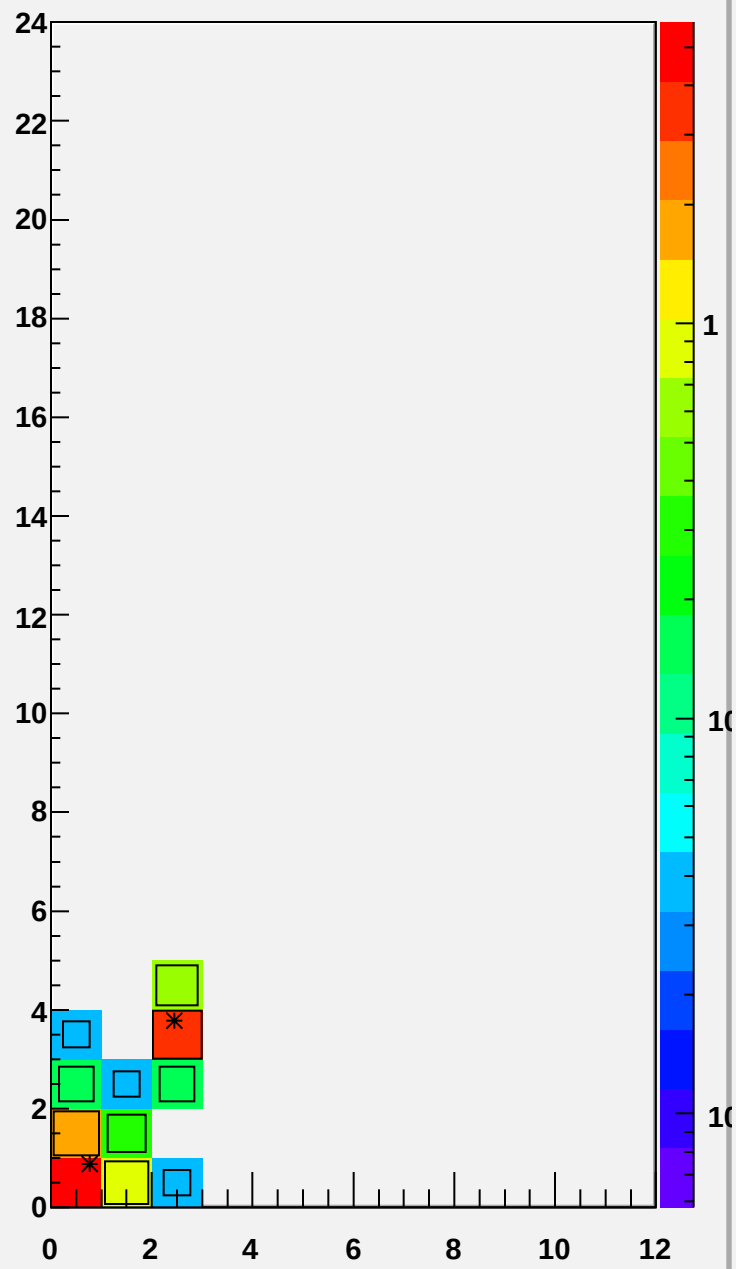
Mean x 1.641

Mean y 6.107

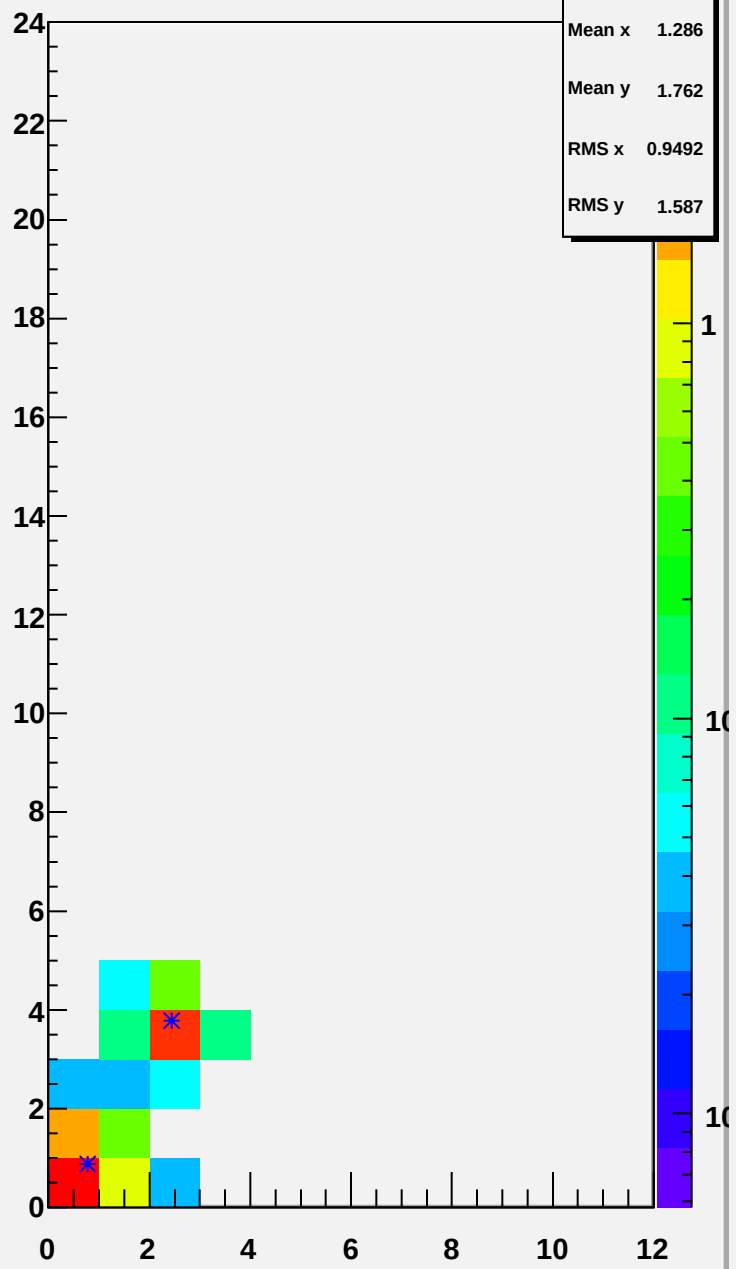
RMS x 0.587

RMS y 3.708

NSTB3_r4_c3_En=13.2_m0=0.123 m1=0.123 index=1505



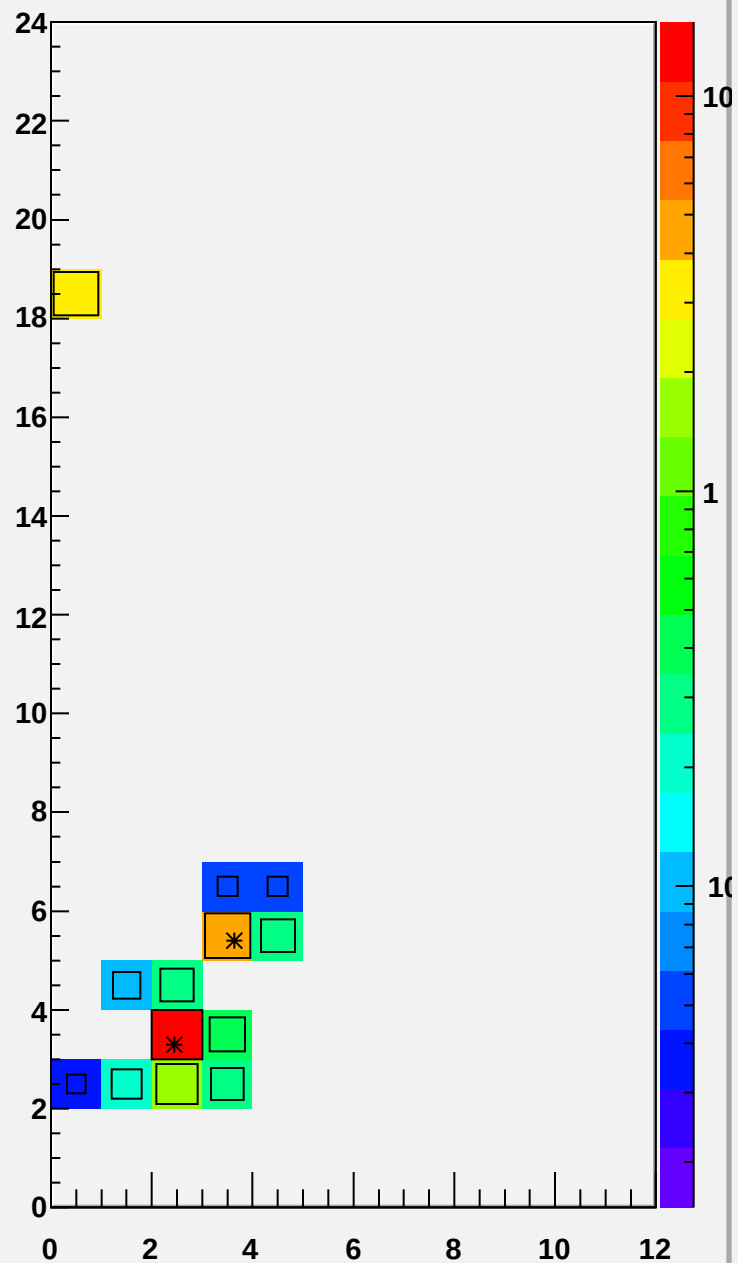
Fitted Energies



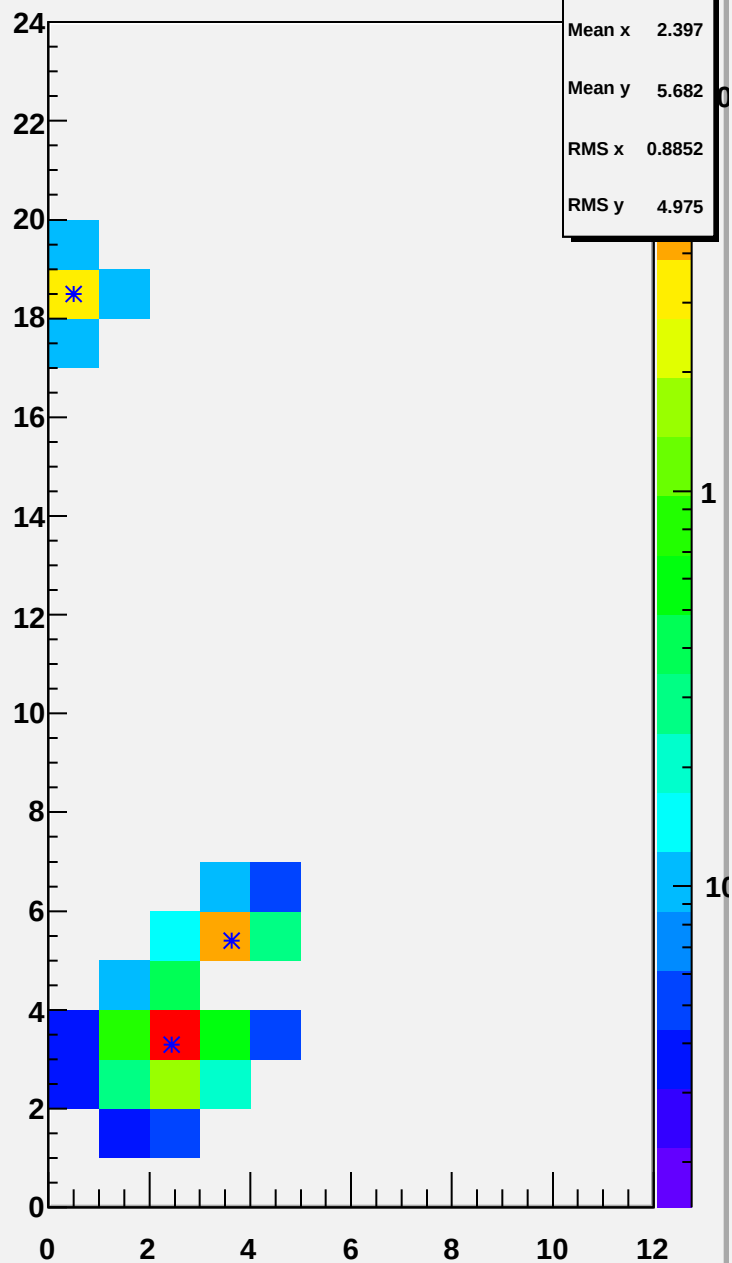
Efit

Entries	288
Mean x	1.286
Mean y	1.762
RMS x	0.9492
RMS y	1.587

NSTB3_r4_c3_En=26.2_m0=0.129 m1=0.129 index=1506



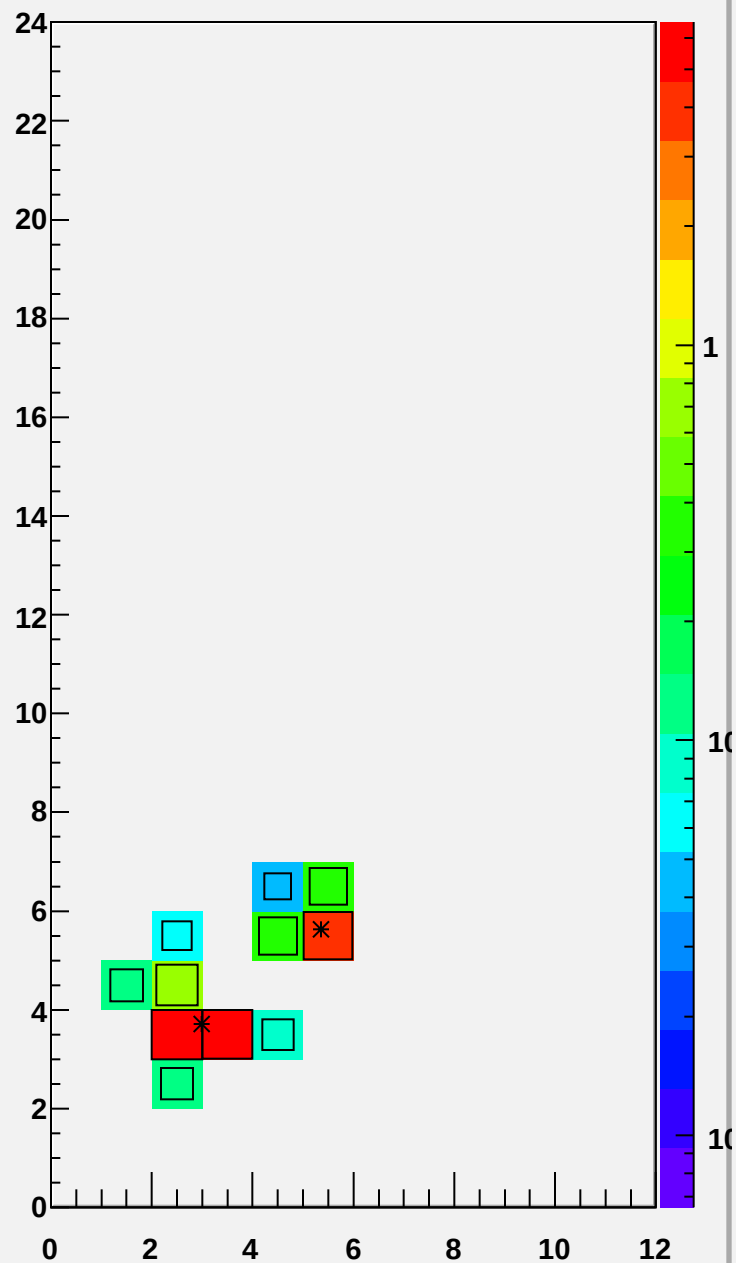
Fitted Energies



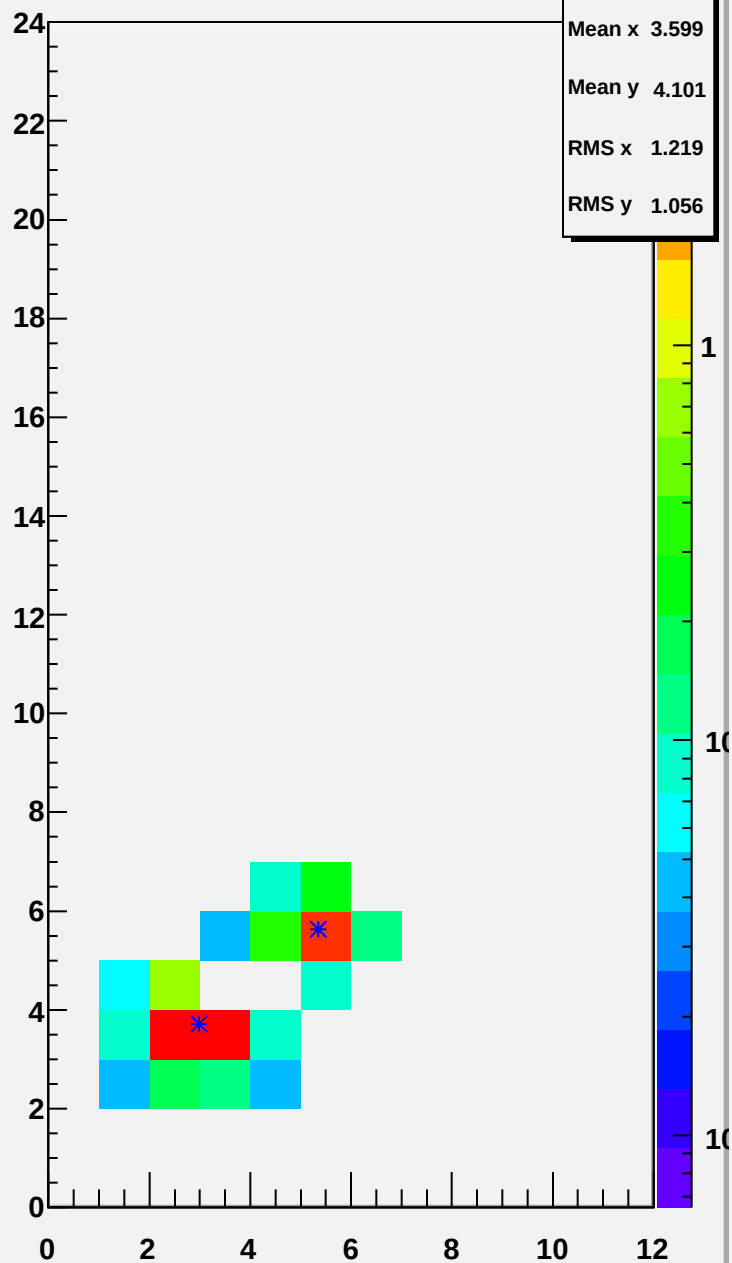
Efit

Entries	288
Mean x	2.397
Mean y	5.682
RMS x	0.8852
RMS y	4.975

NSTB3_r4_c3_En=18.0_m0=0.143 m1=0.143 index=1507



Fitted Energies



Efit

Entries 288

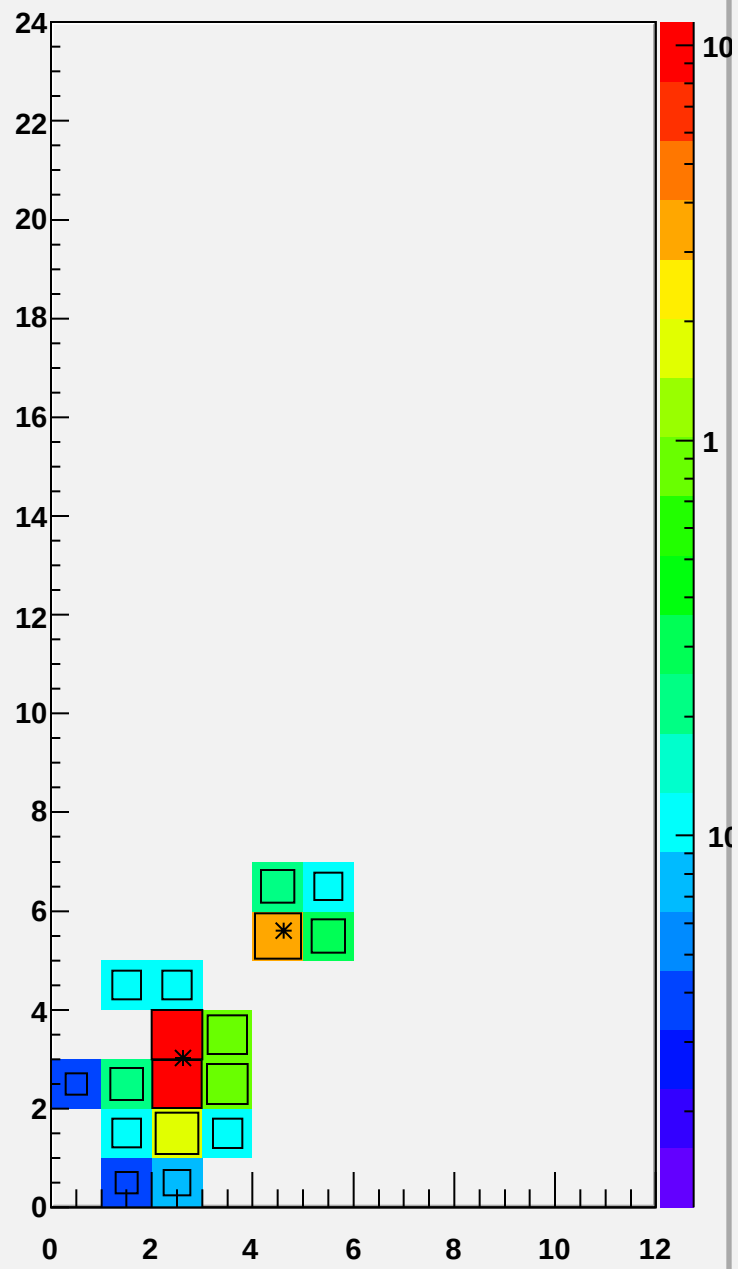
Mean x 3.599

Mean y 4.101

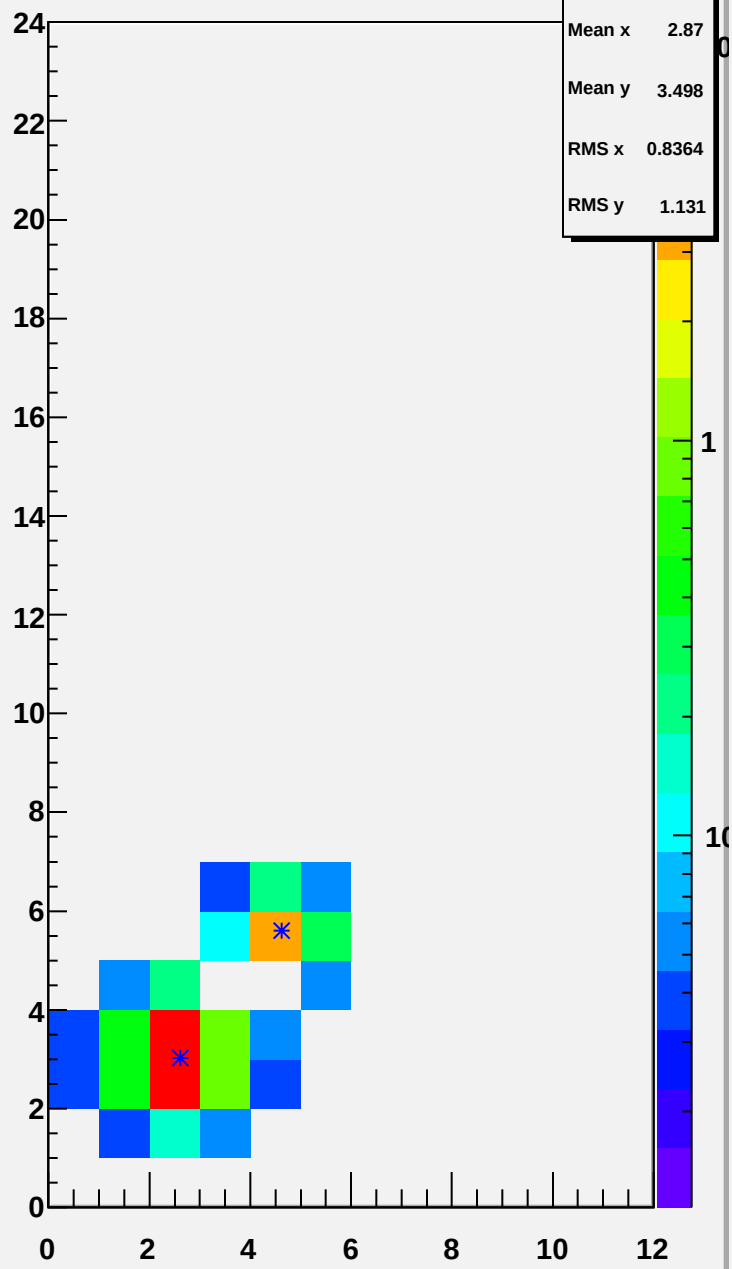
RMS x 1.219

RMS y 1.056

NSTB3_r4_c3_En=28.0_m0=0.188 m1=0.188 index=1510



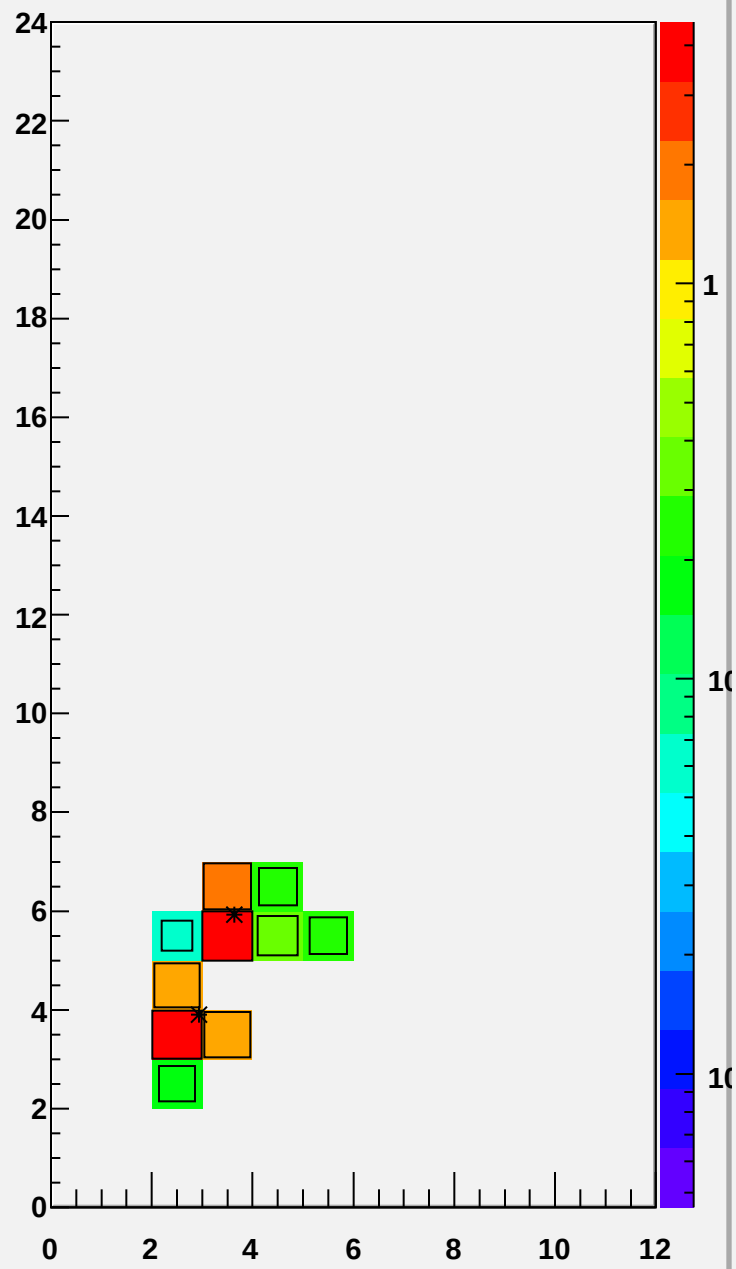
Fitted Energies



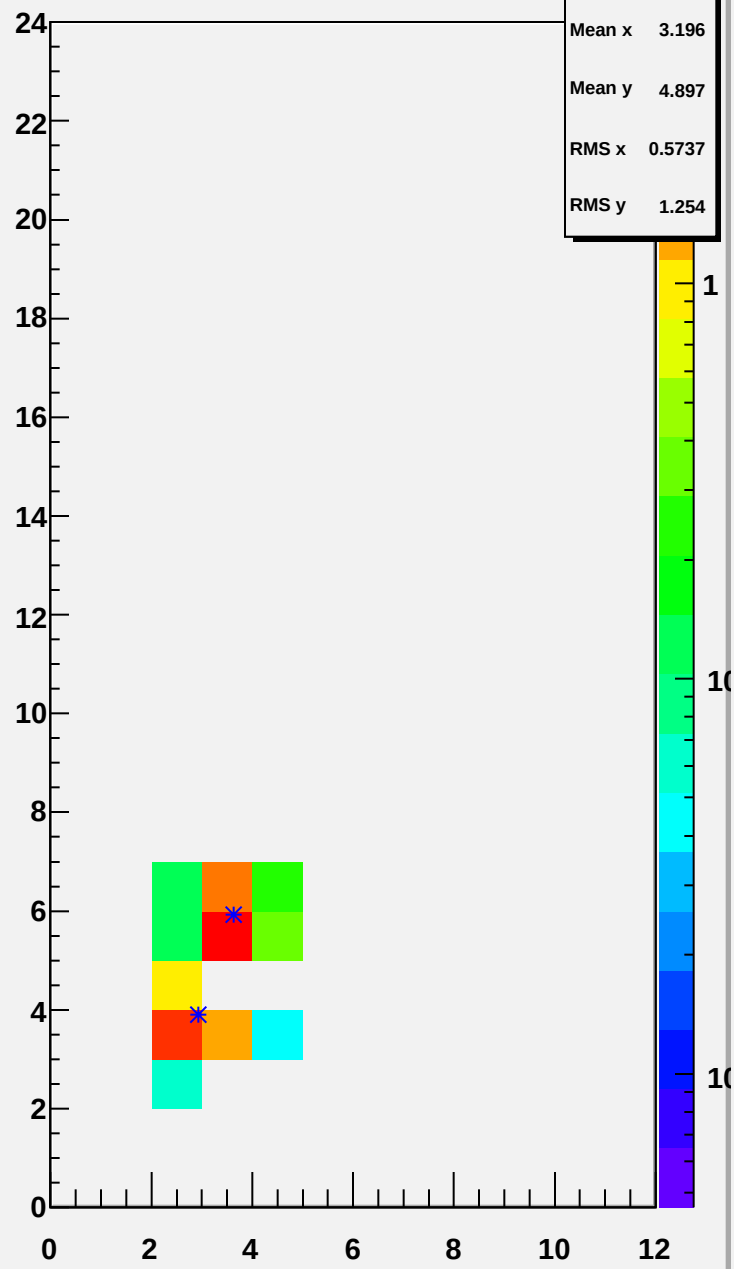
Efit

Entries	288
Mean x	2.87
Mean y	3.498
RMS x	0.8364
RMS y	1.131

NSTB3_r4_c3_En=13.4_m0=0.085 m1=0.084 index=1511



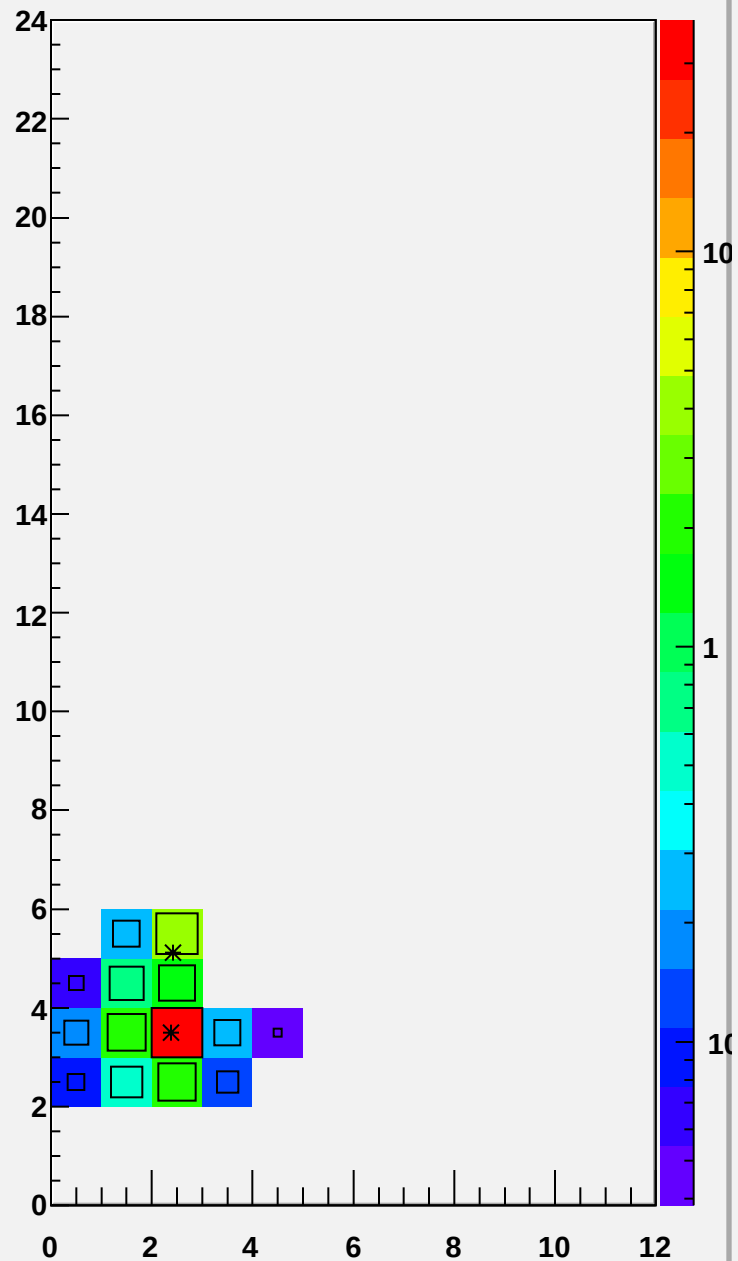
Fitted Energies



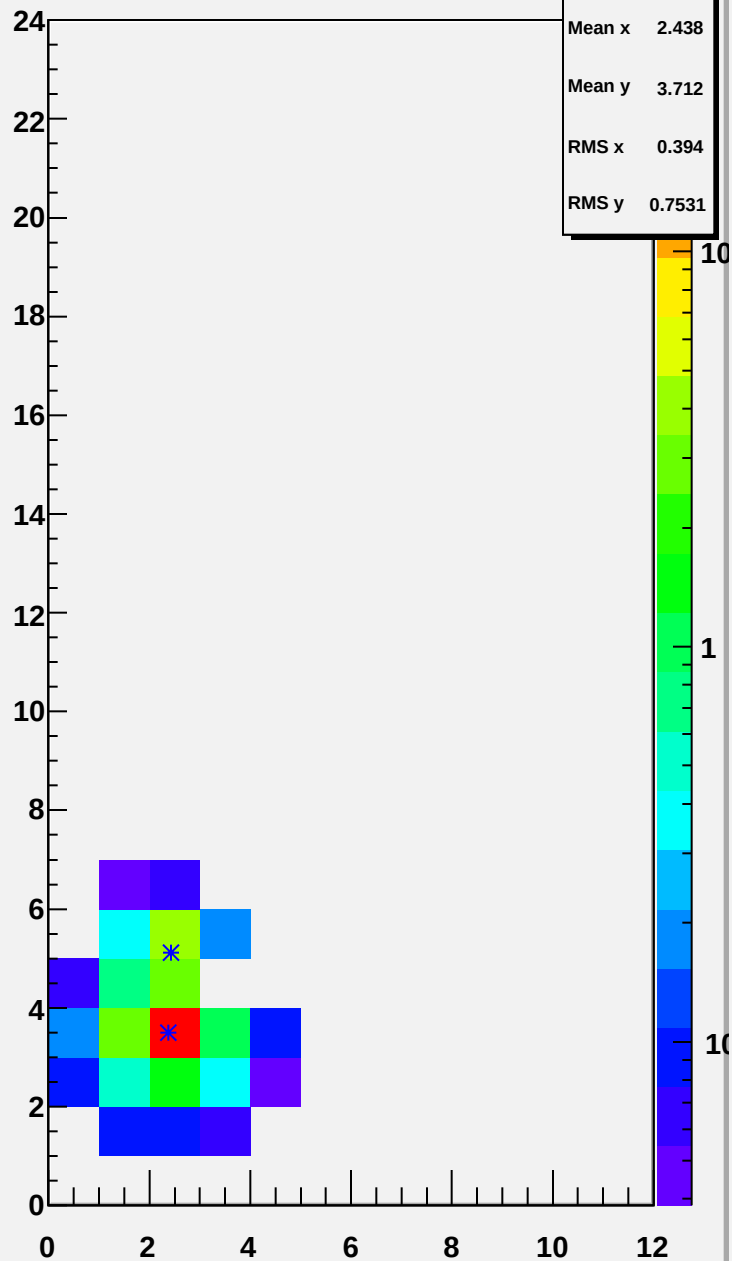
Efit

Entries	288
Mean x	3.196
Mean y	4.897
RMS x	0.5737
RMS y	1.254

NSTB3_r4_c3_En=50.4_m0=0.157 m1=0.157 index=1512



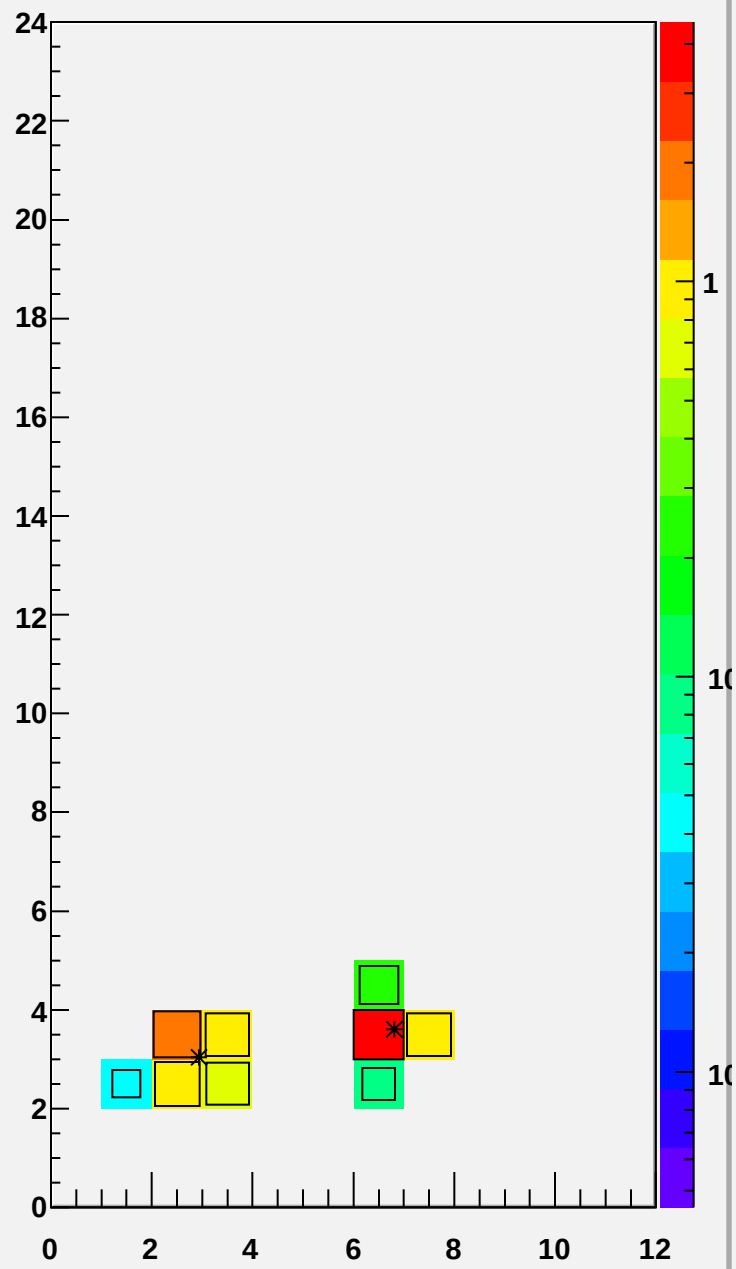
Fitted Energies



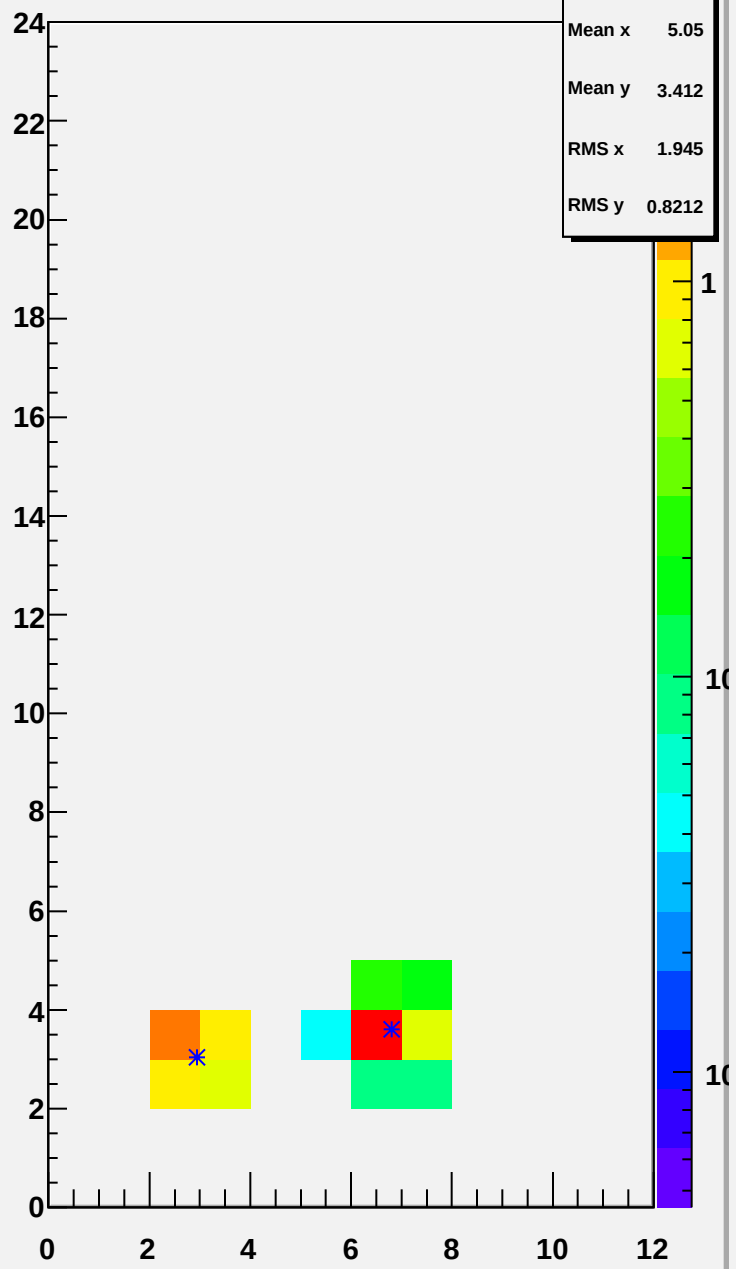
Efit

Entries	288
Mean x	2.438
Mean y	3.712
RMS x	0.394
RMS y	0.7531

NSTB3_r4_c3_En=10.1_m0=0.114 m1=0.114 index=1513



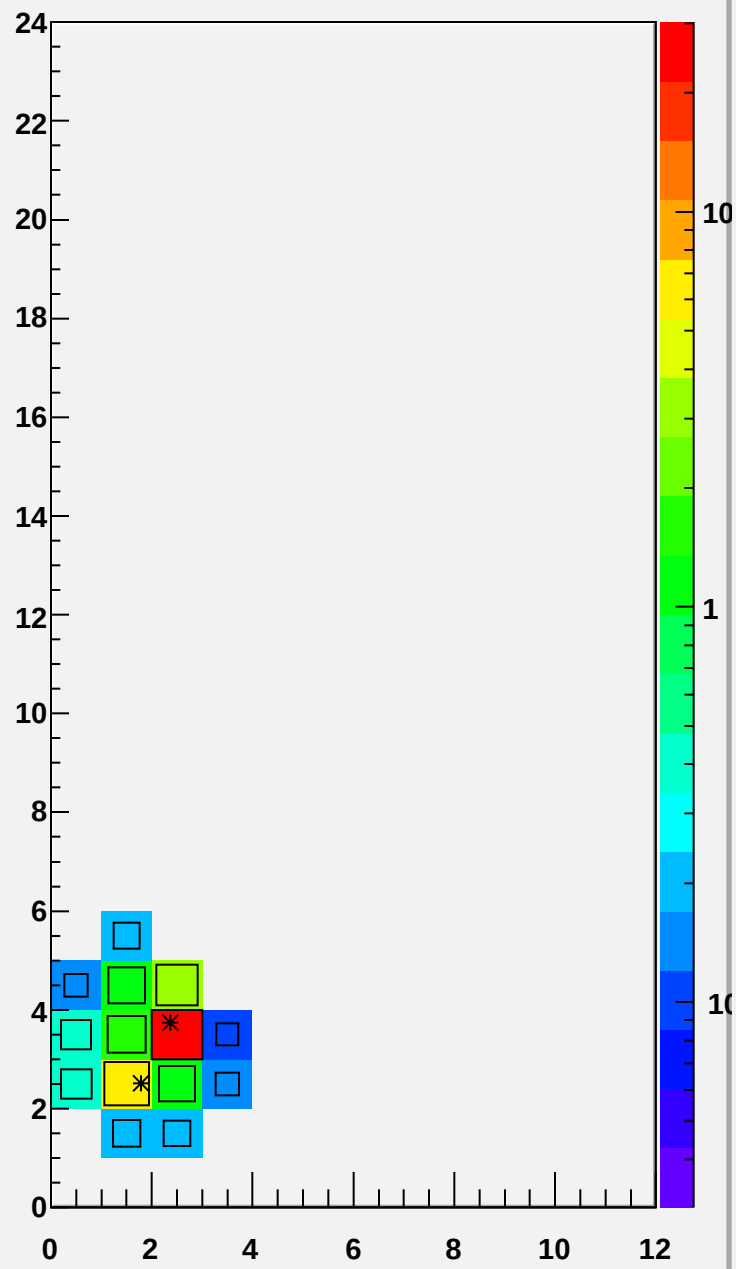
Fitted Energies



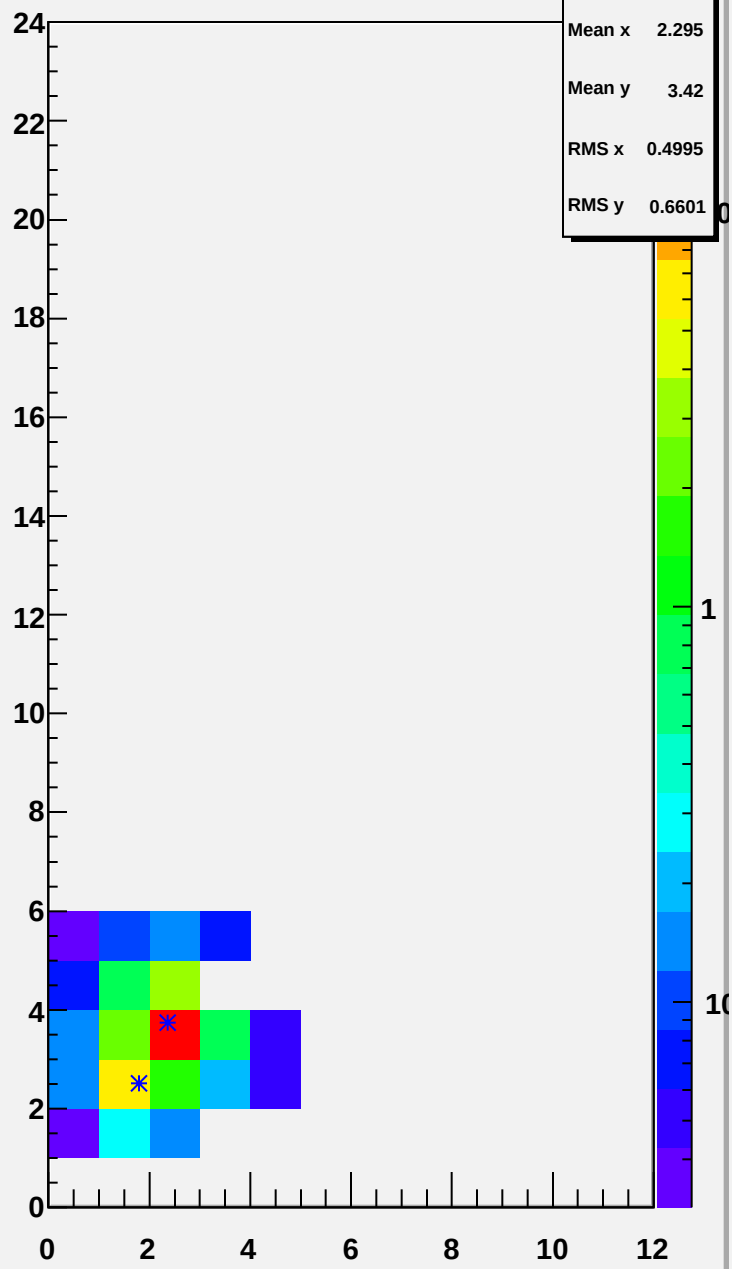
Efit

Entries	288
Mean x	5.05
Mean y	3.412
RMS x	1.945
RMS y	0.8212

NSTB3_r4_c3_En=45.0_m0=0.132 m1=0.132 index=1514



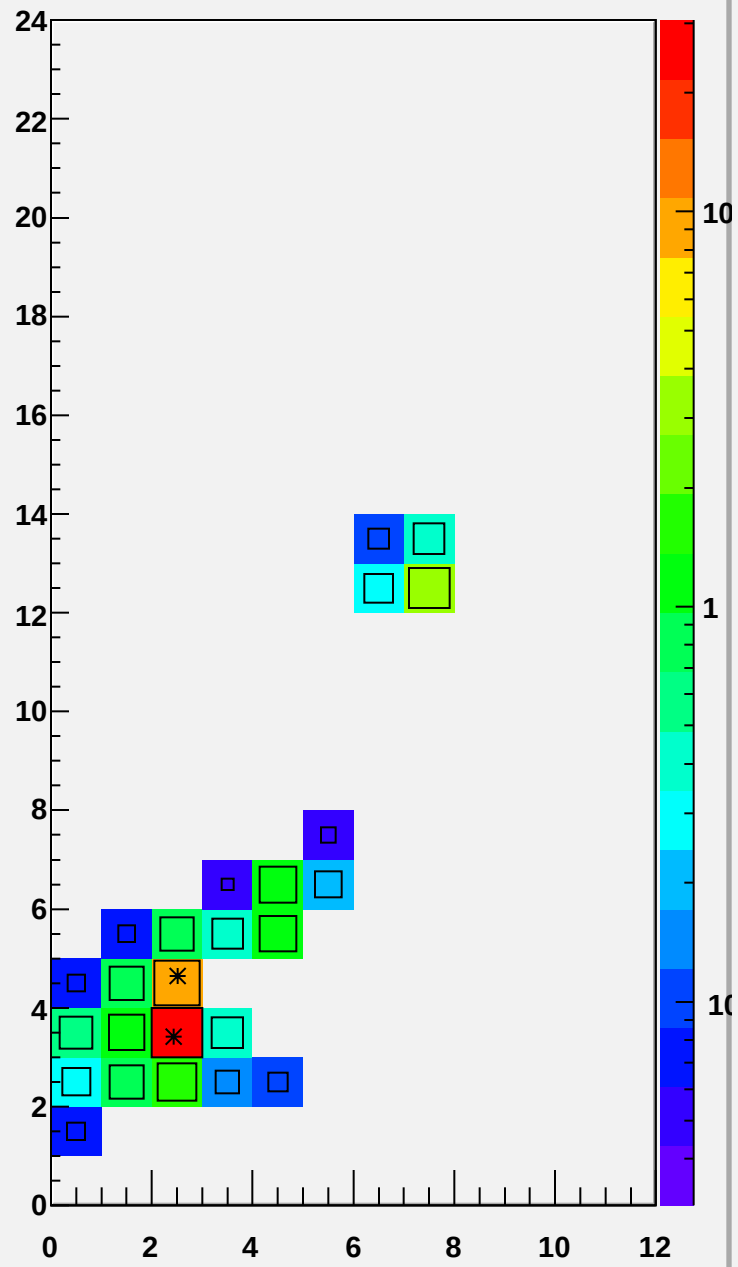
Fitted Energies



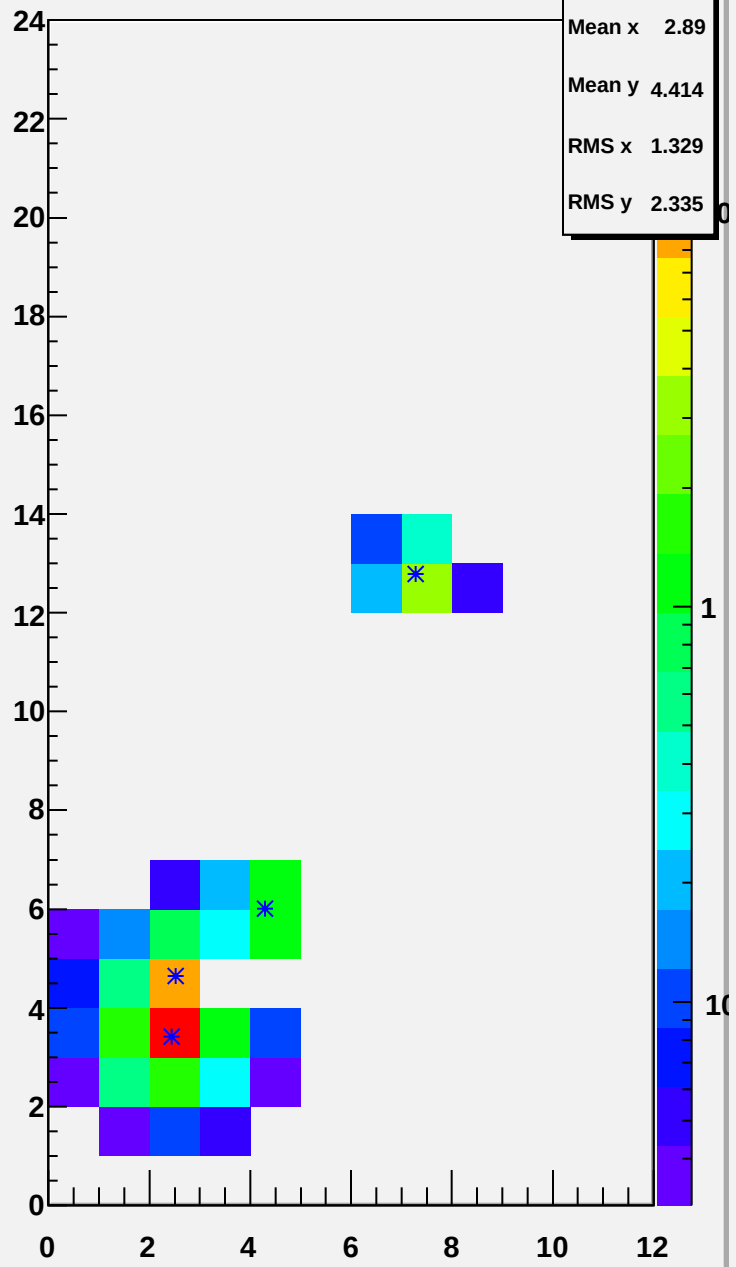
Efit

Entries	288
Mean x	2.295
Mean y	3.42
RMS x	0.4995
RMS y	0.6601

NSTB3_r4_c3_En=53.0_m0=0.132 m1=0.132 index=1515



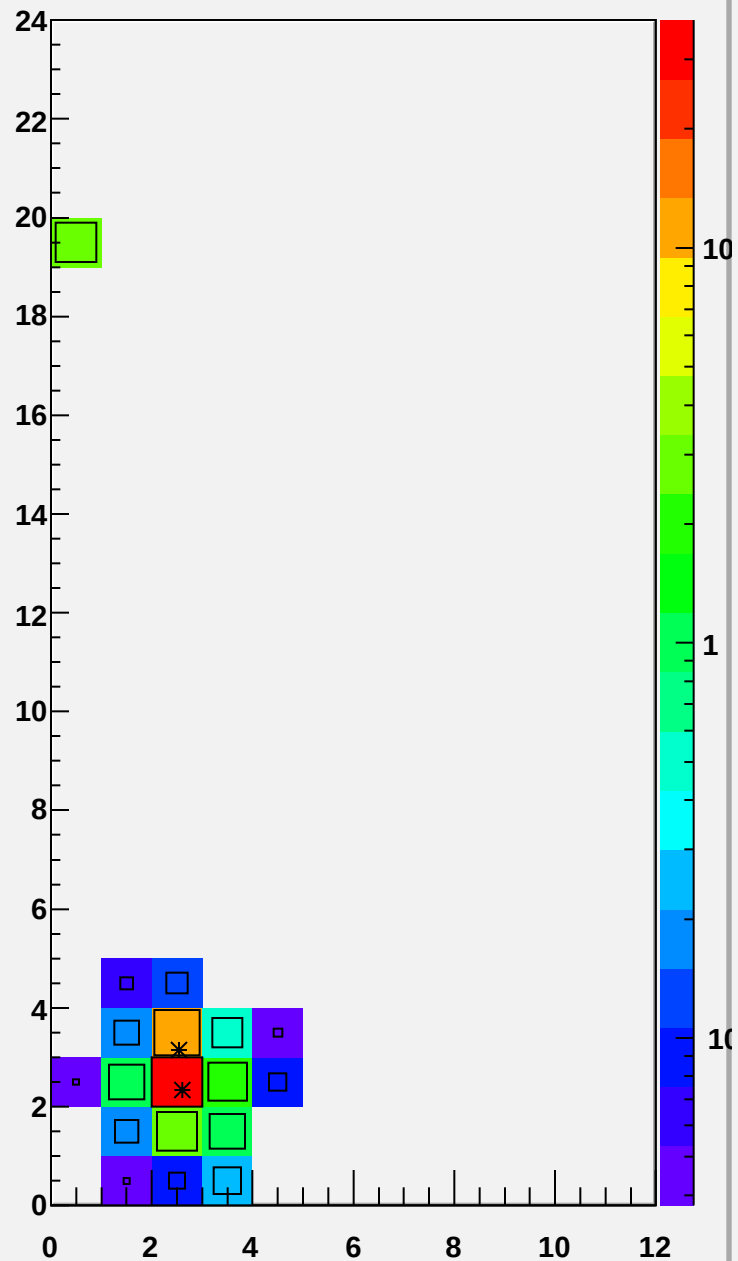
Fitted Energies



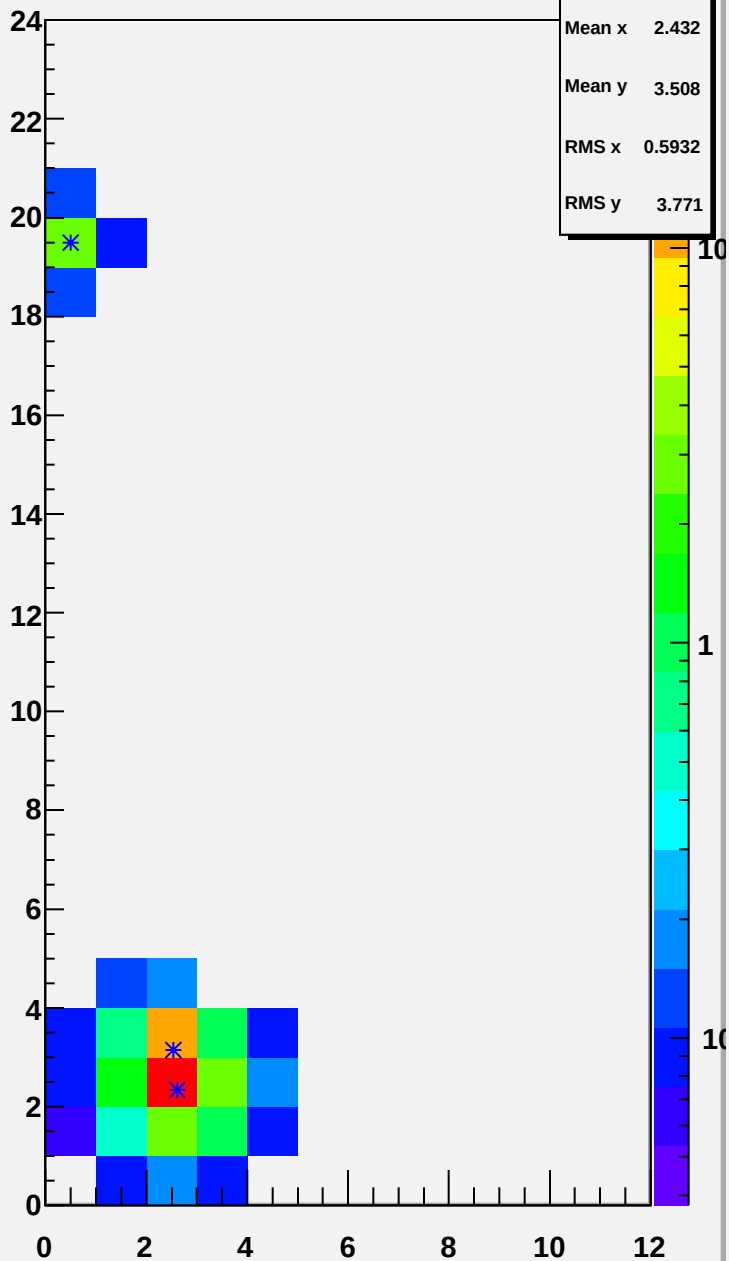
Efit

Entries 288
Mean x 2.89
Mean y 4.414
RMS x 1.329
RMS y 2.335

NSTB3_r4_c3_En=61.3_m0=0.111 m1=0.112 index=1516



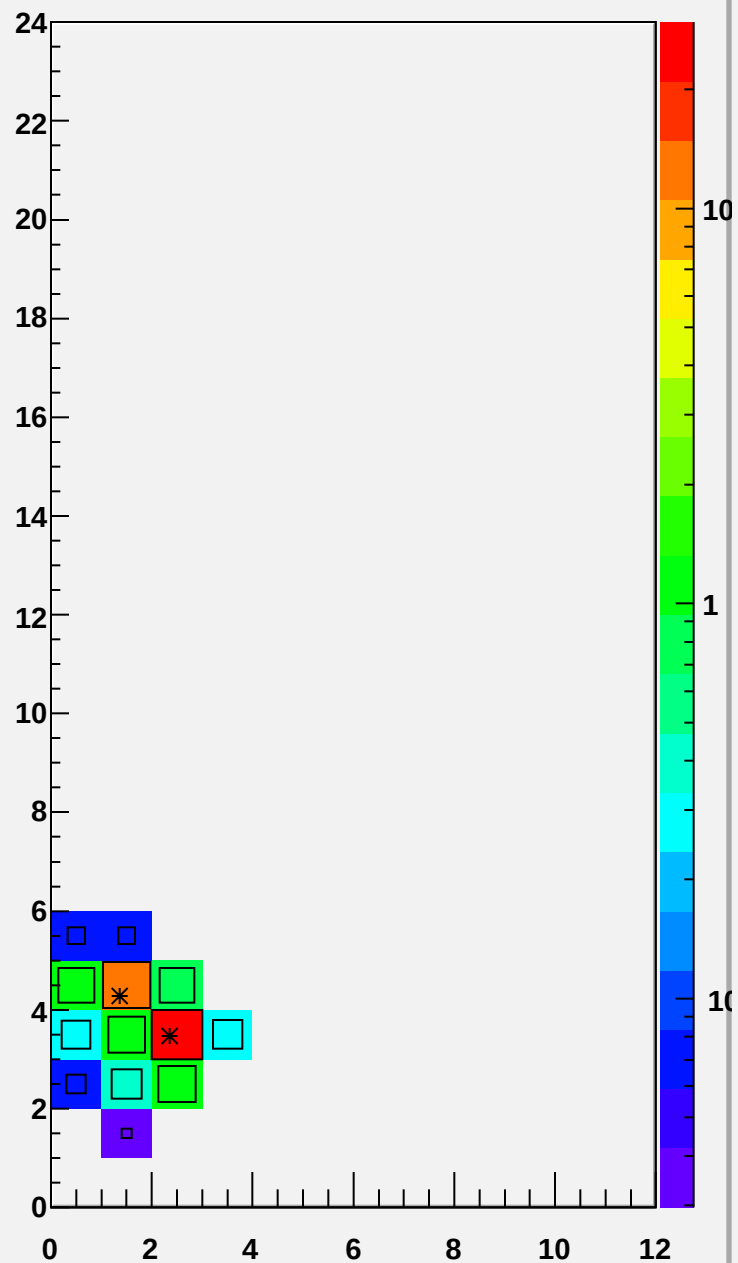
Fitted Energies



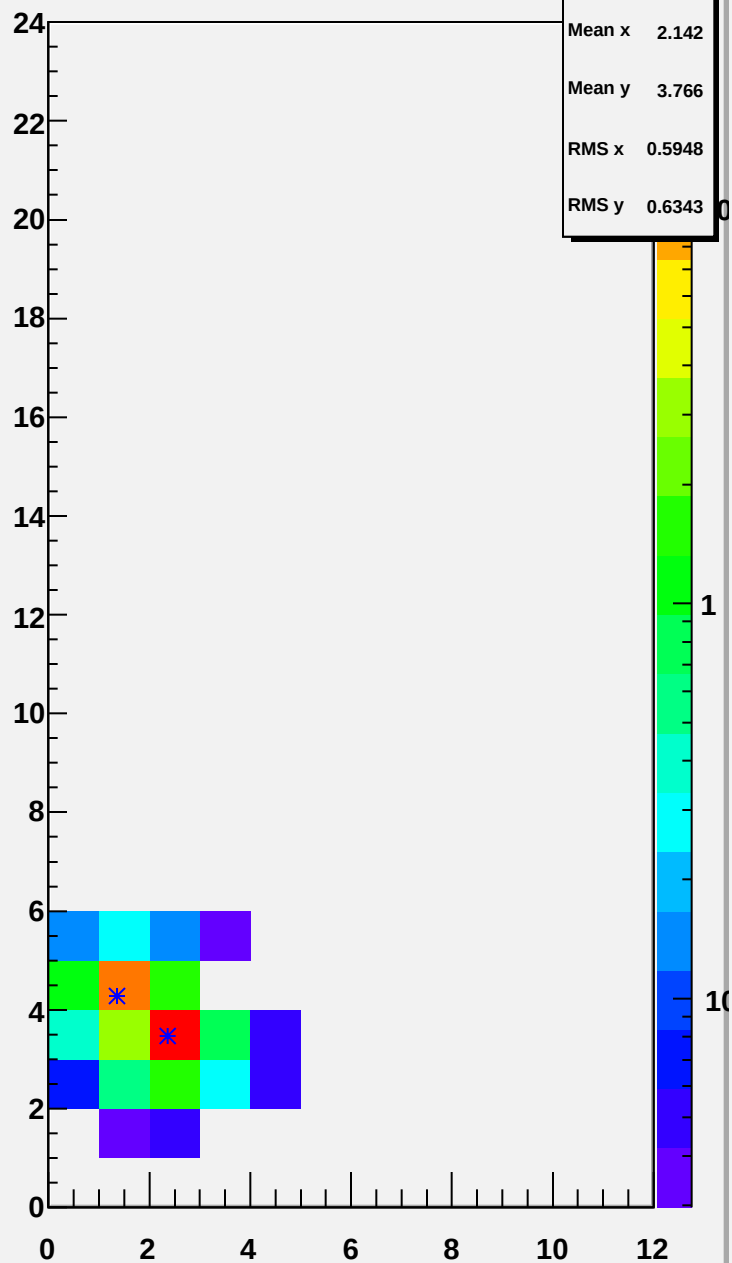
Efit

Entries	288
Mean x	2.432
Mean y	3.508
RMS x	0.5932
RMS y	3.771

NSTB3_r4_c3_En=46.8_m0=0.164 m1=0.164 index=1517



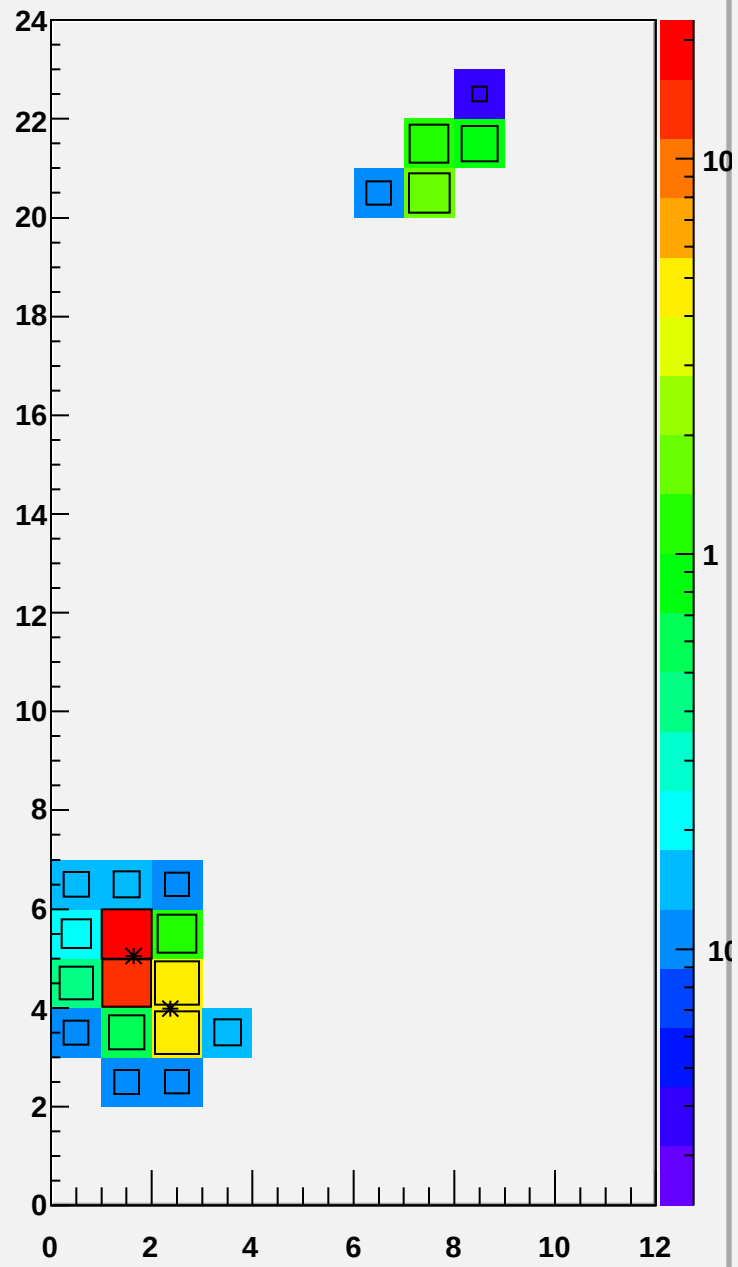
Fitted Energies



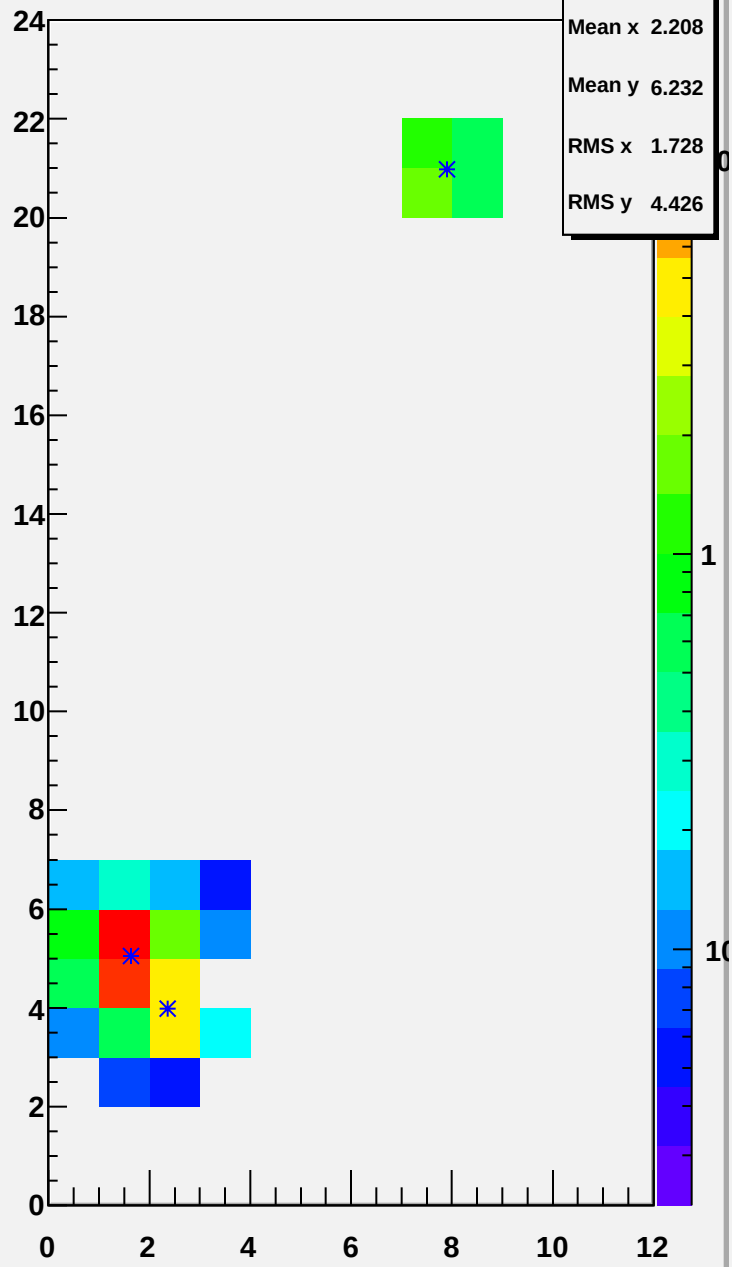
Efit

Entries	288
Mean x	2.142
Mean y	3.766
RMS x	0.5948
RMS y	0.6343

NSTB3_r4_c3_En=51.6_m0=0.135 m1=0.134 index=1518



Fitted Energies



Efit

Entries 288

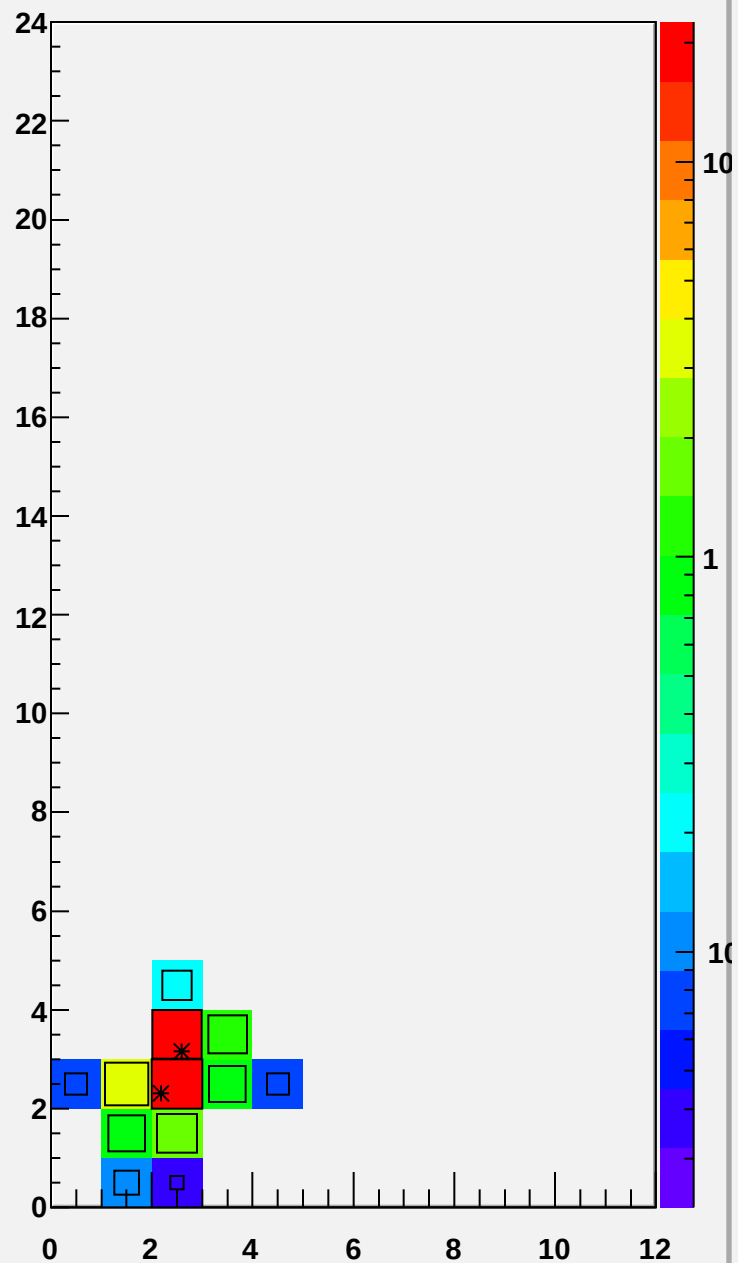
Mean x 2.208

Mean y 6.232

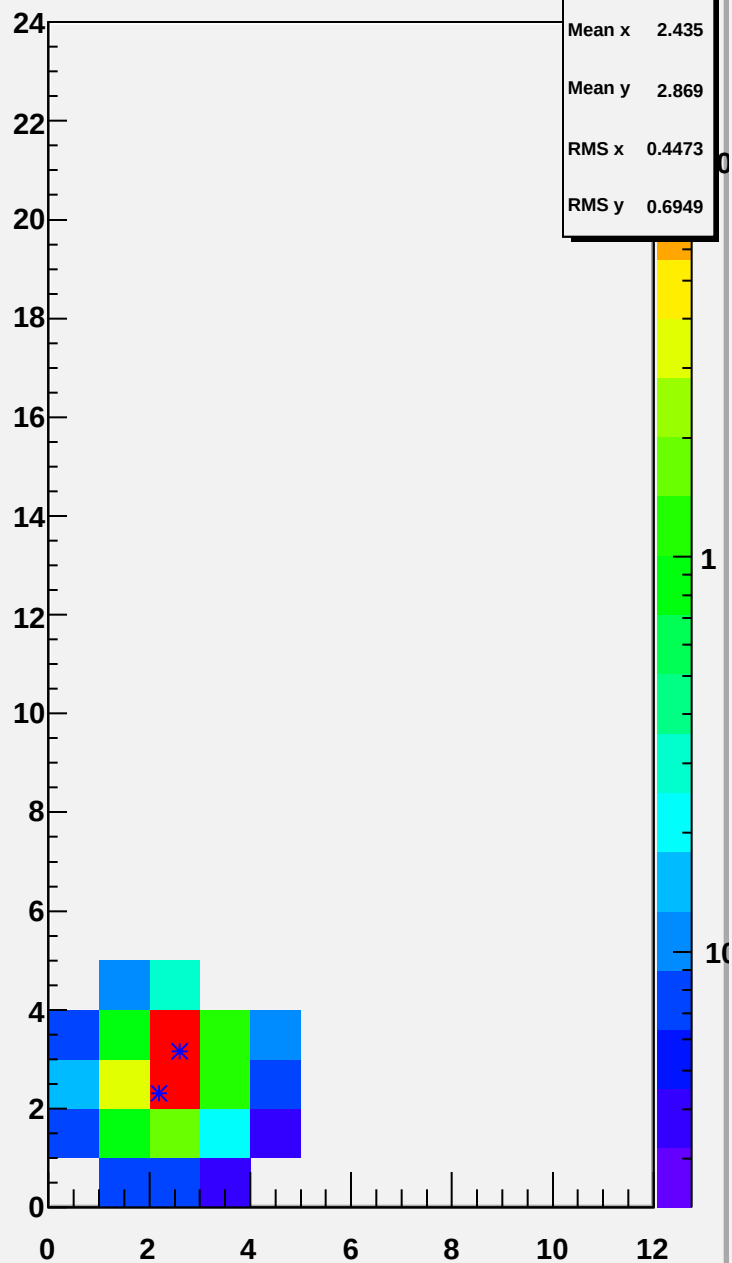
RMS x 1.728

RMS y 4.426

NSTB3_r4_c3_En=51.3_m0=0.136 m1=0.136 index=1519



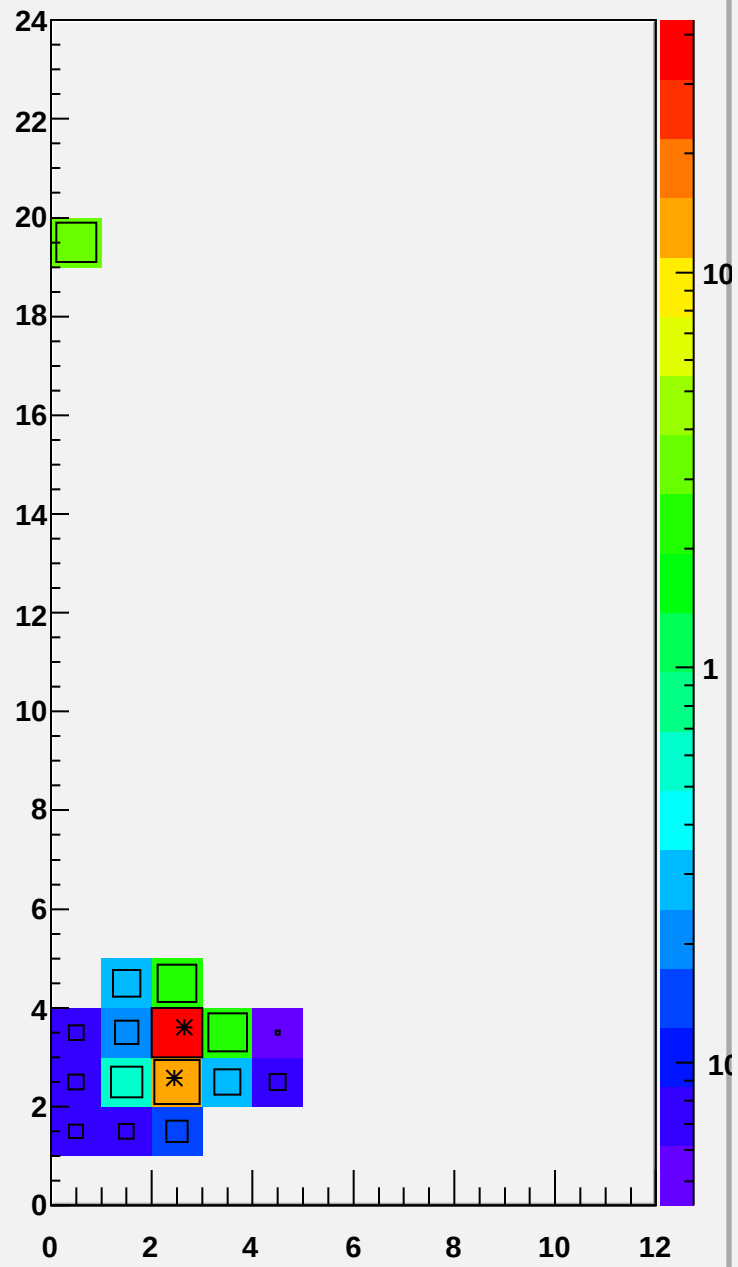
Fitted Energies



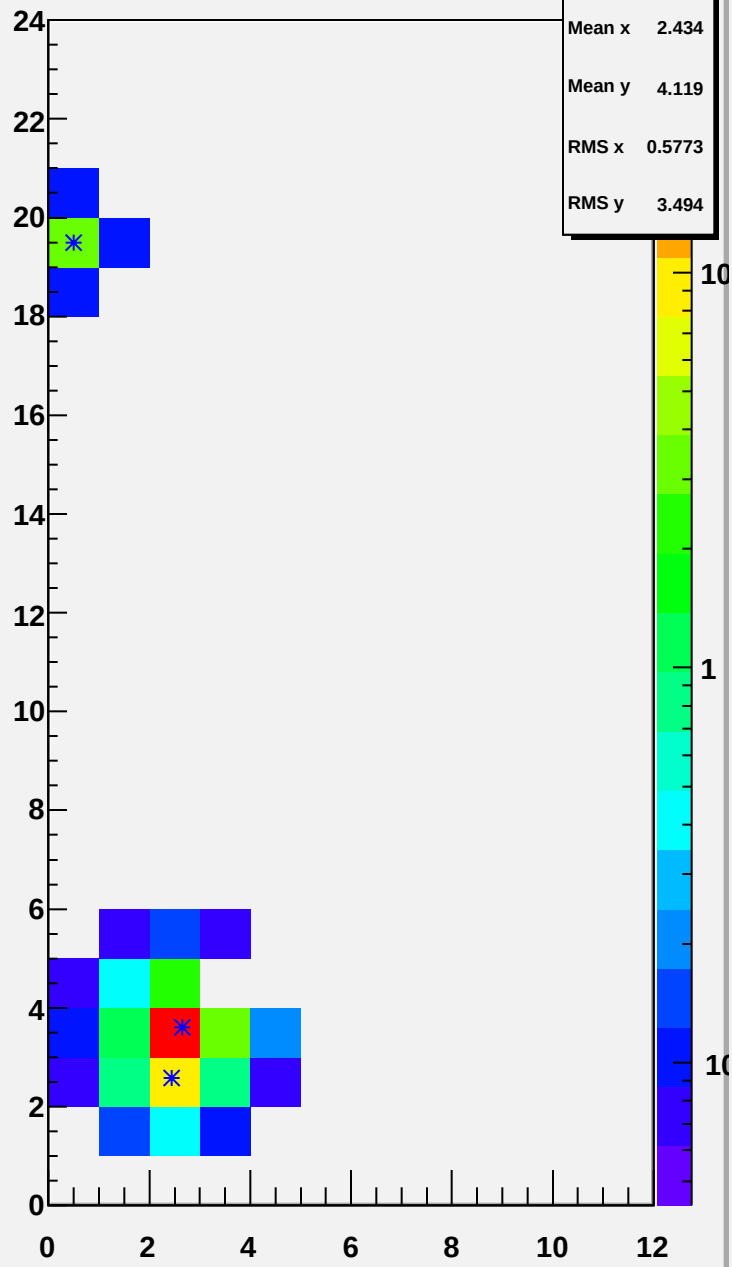
Efit

Entries	288
Mean x	2.435
Mean y	2.869
RMS x	0.4473
RMS y	0.6949

NSTB3_r4_c3_En=65.0_m0=0.140 m1=0.140 index=1520



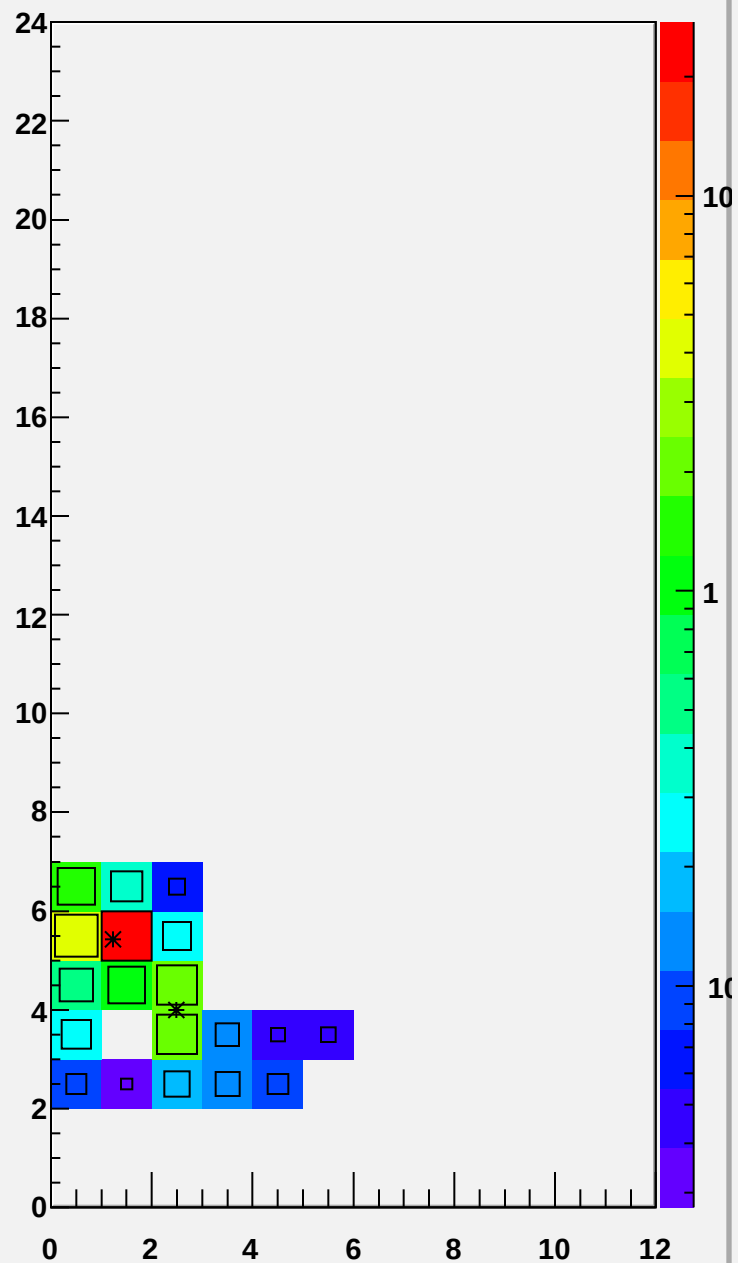
Fitted Energies



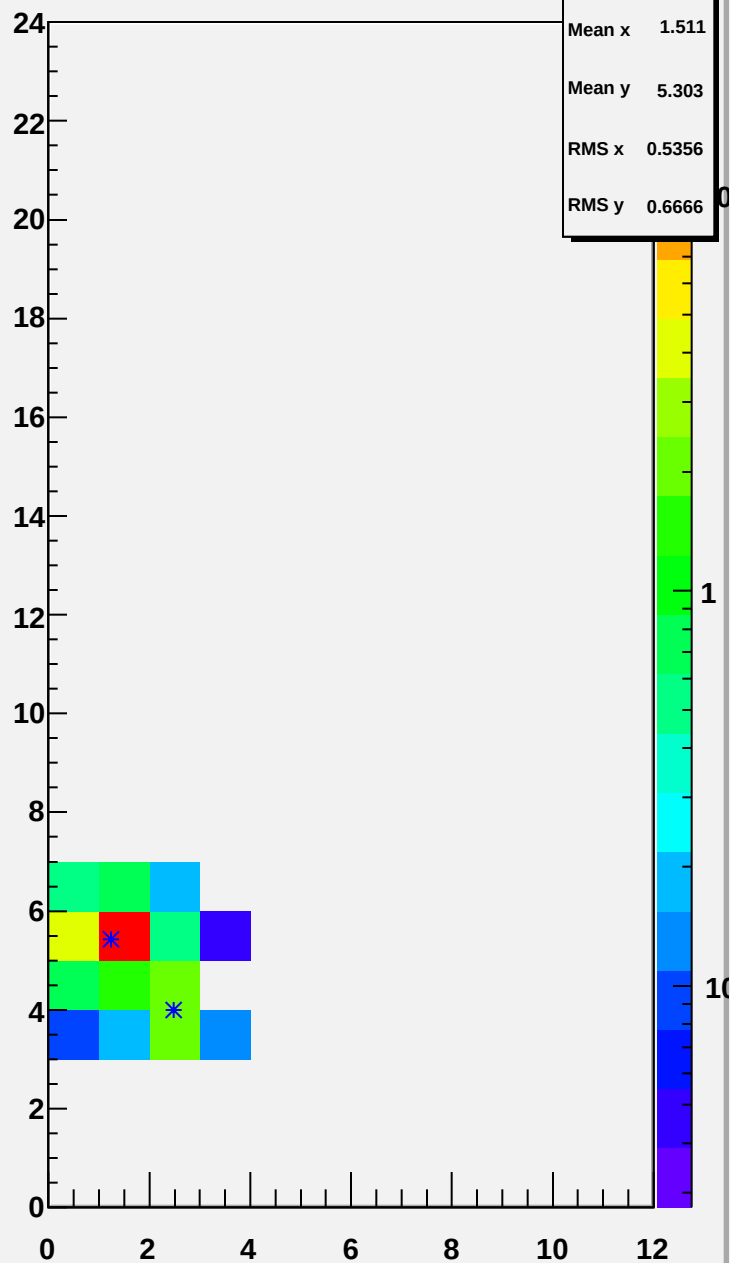
Efit

Entries	288
Mean x	2.434
Mean y	4.119
RMS x	0.5773
RMS y	3.494

NSTB3_r4_c3_En=40.3_m0=0.142 m1=0.142 index=1522



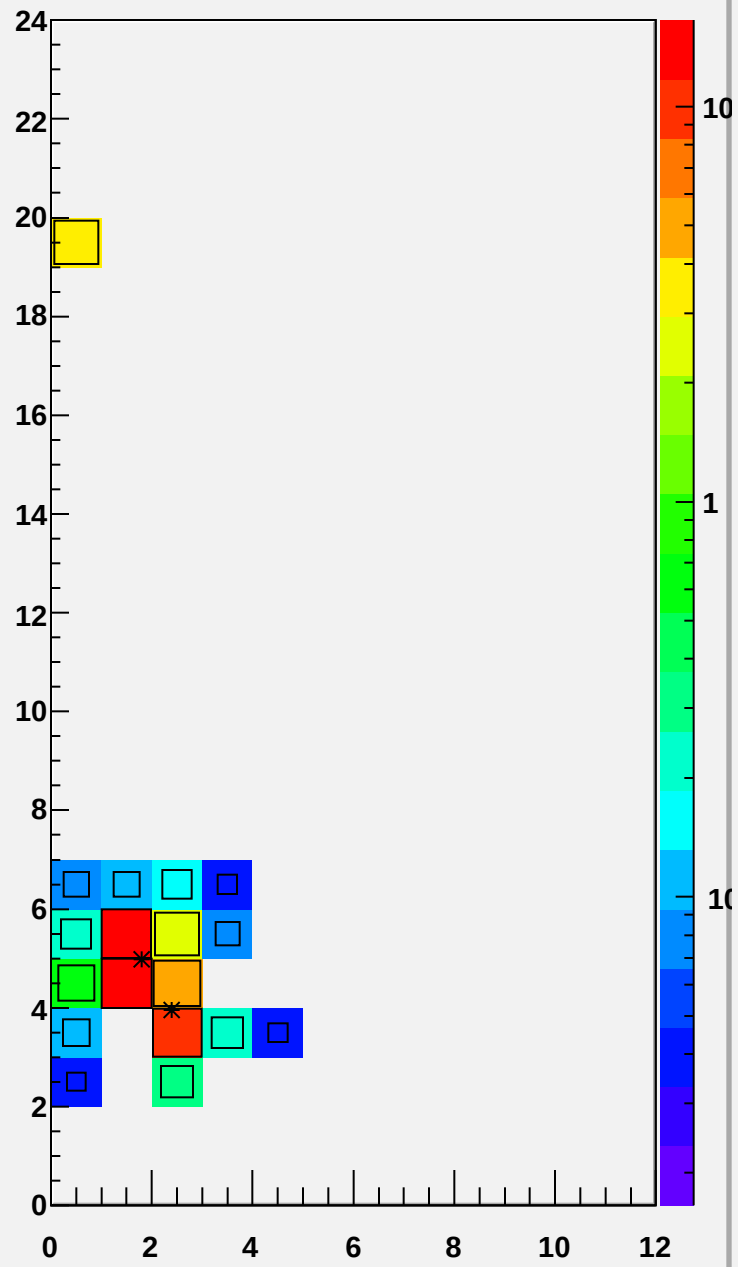
Fitted Energies



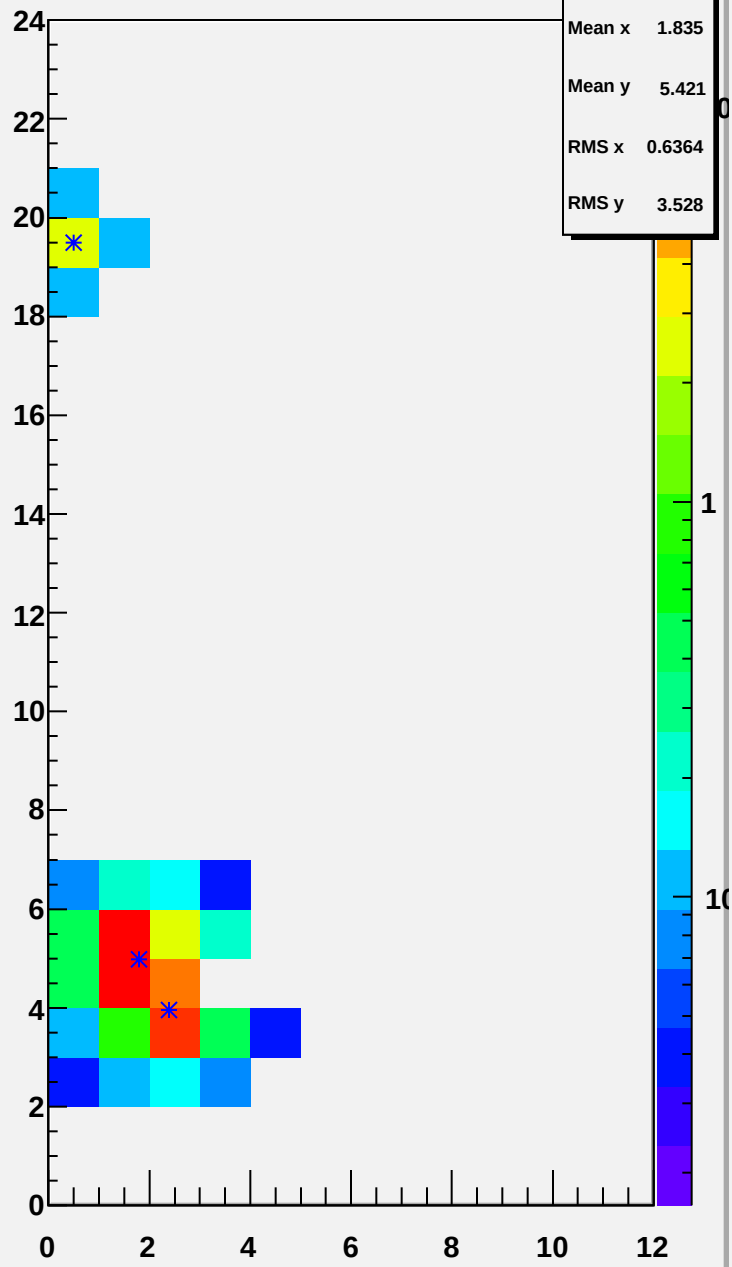
Efit

Entries	288
Mean x	1.511
Mean y	5.303
RMS x	0.5356
RMS y	0.6666

NSTB3_r4_c3_En=52.7_m0=0.168 m1=0.168 index=1523



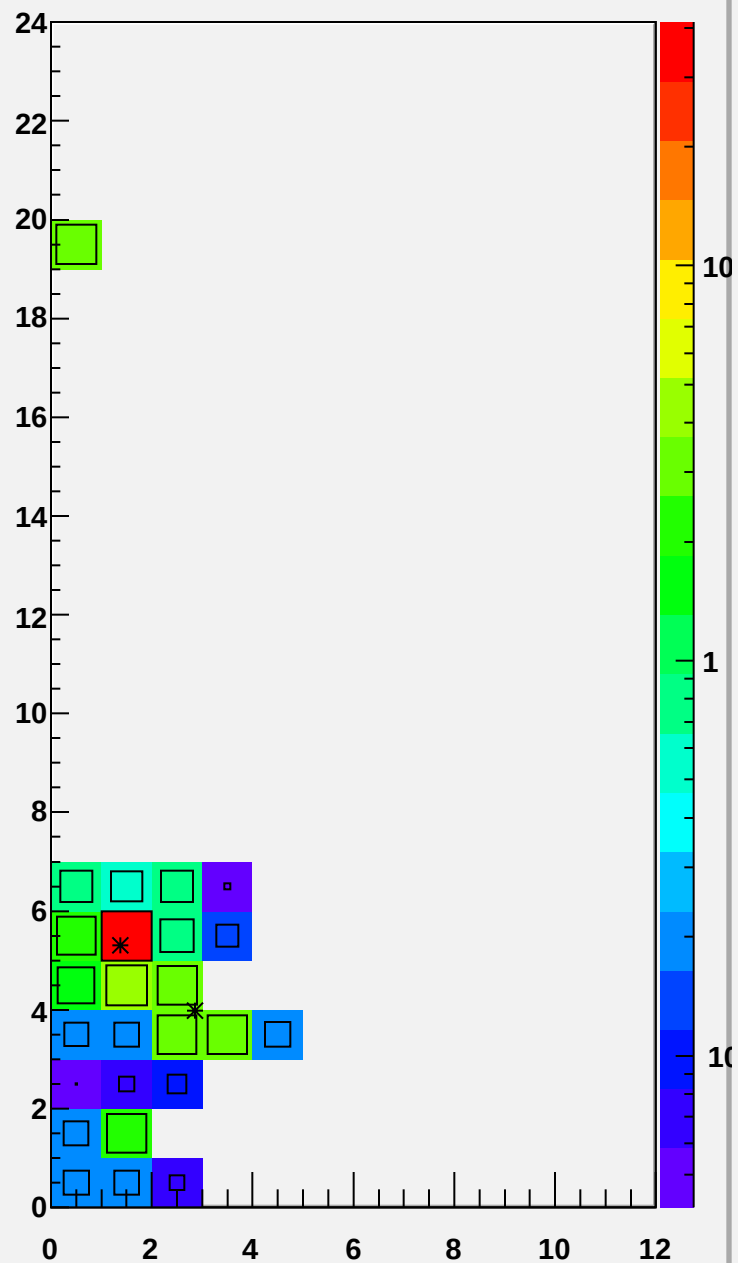
Fitted Energies



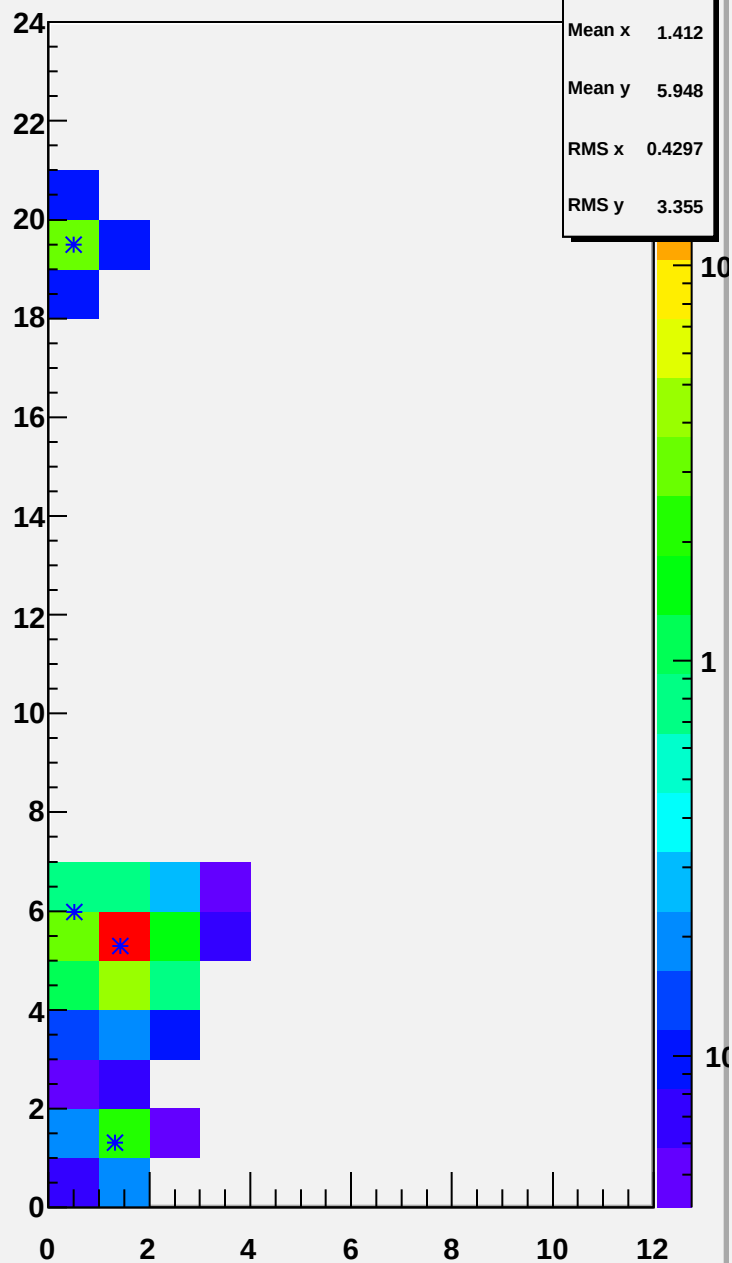
Efit

Entries	288
Mean x	1.835
Mean y	5.421
RMS x	0.6364
RMS y	3.528

NSTB3_r4_c3_En=67.8_m0=0.213 m1=-0.000 index=1524



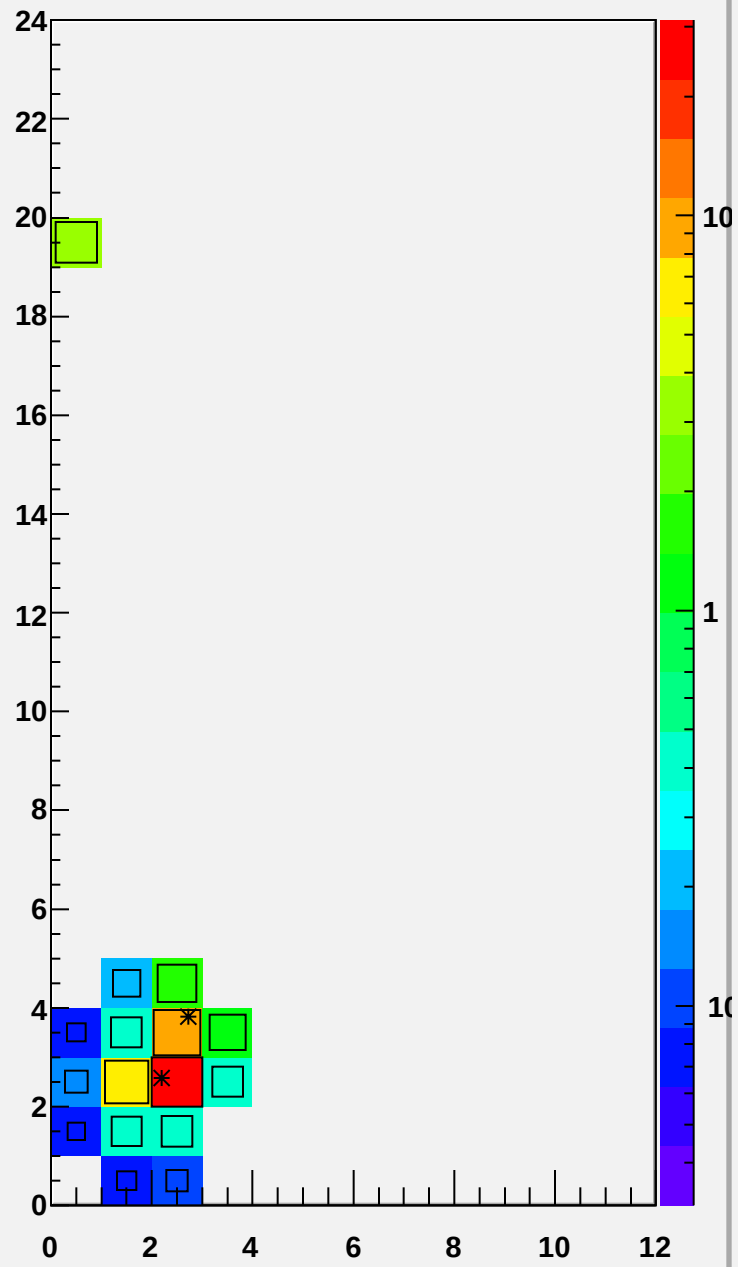
Fitted Energies



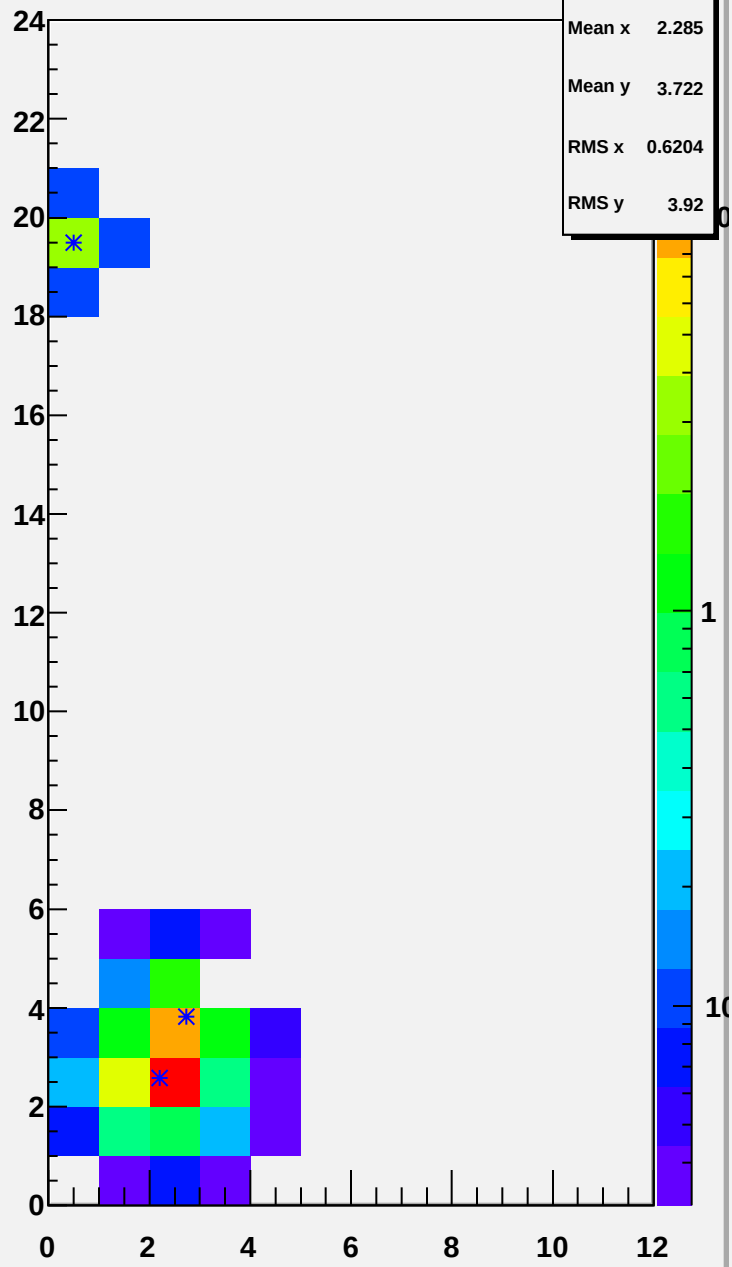
Efit

Entries	288
Mean x	1.412
Mean y	5.948
RMS x	0.4297
RMS y	3.355

NSTB3_r4_c3_En=55.6_m0=0.163 m1=0.163 index=1525



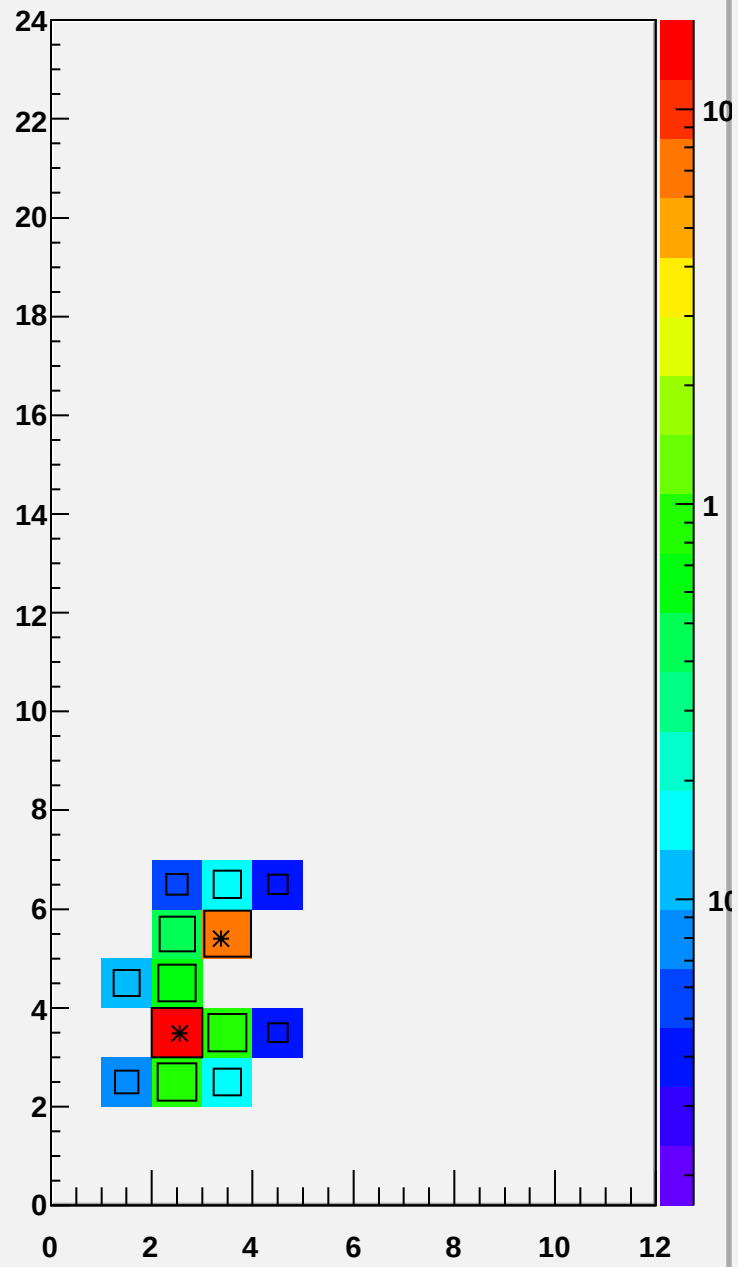
Fitted Energies



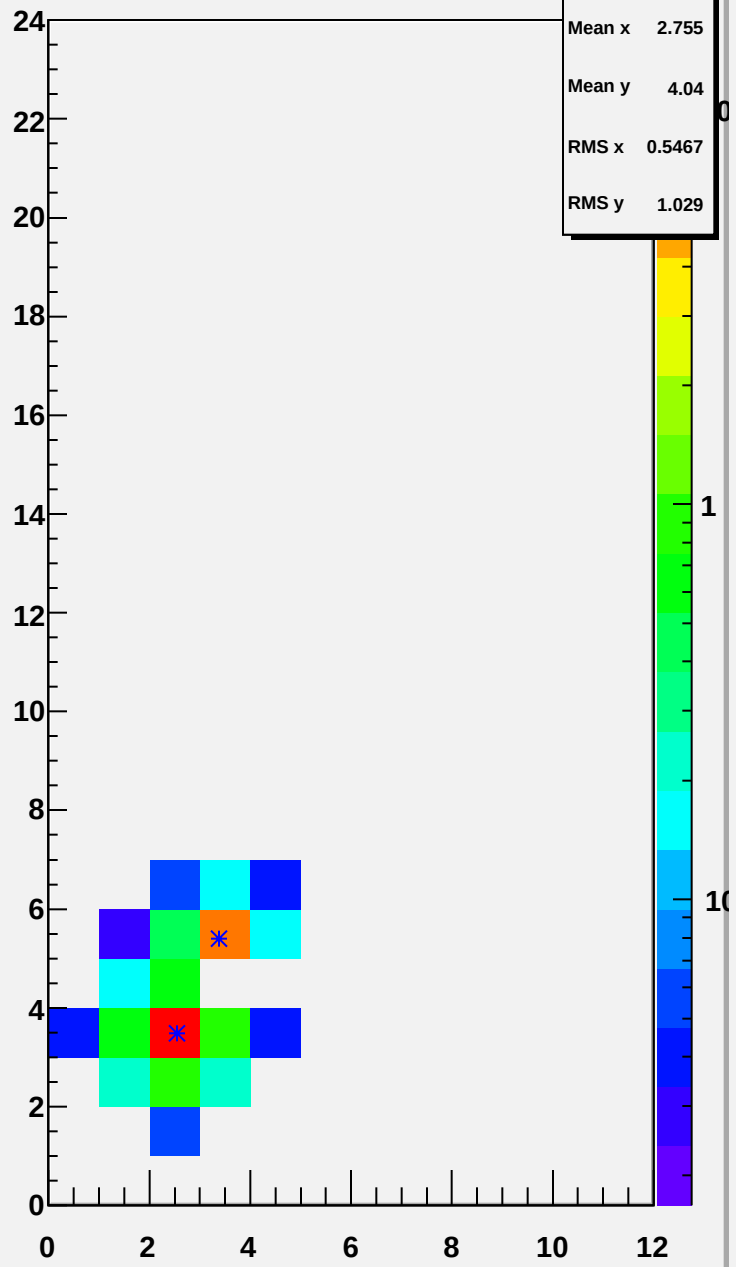
Efit

Entries	288
Mean x	2.285
Mean y	3.722
RMS x	0.6204
RMS y	3.92

NSTB3_r4_c3_En=26.8_m0=0.146 m1=0.146 index=1526



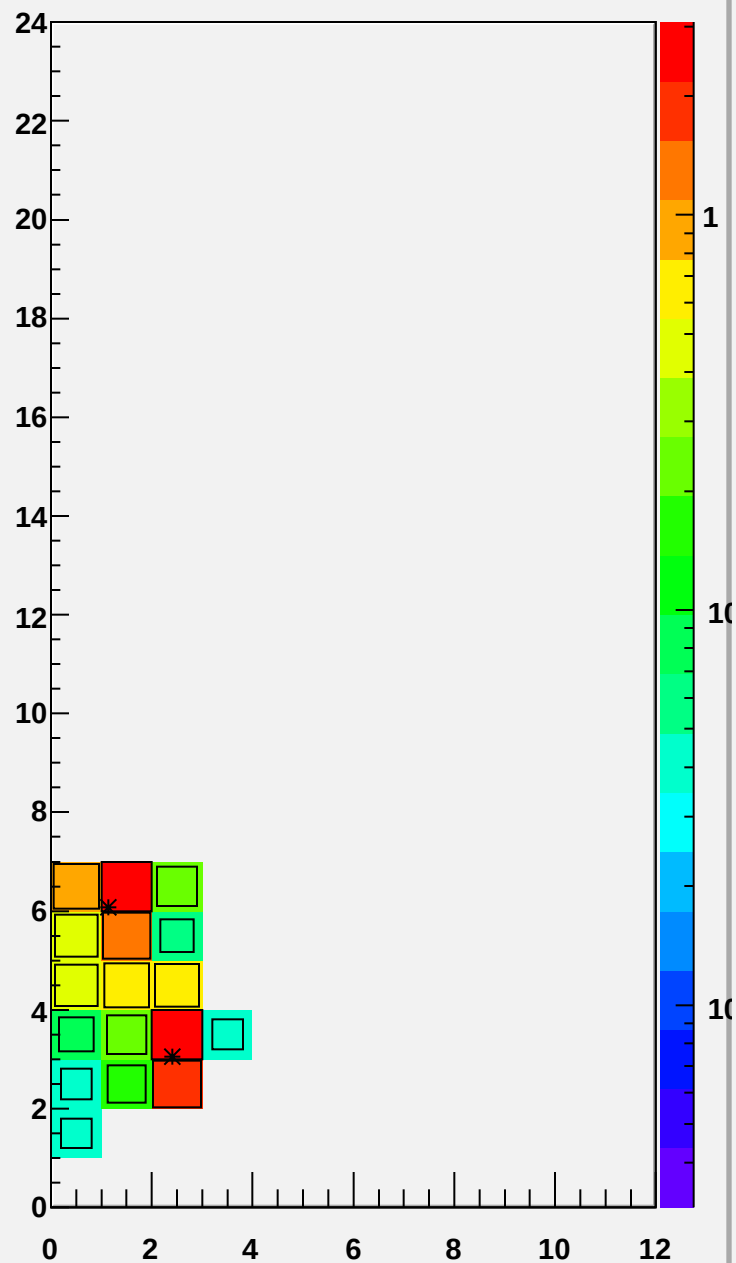
Fitted Energies



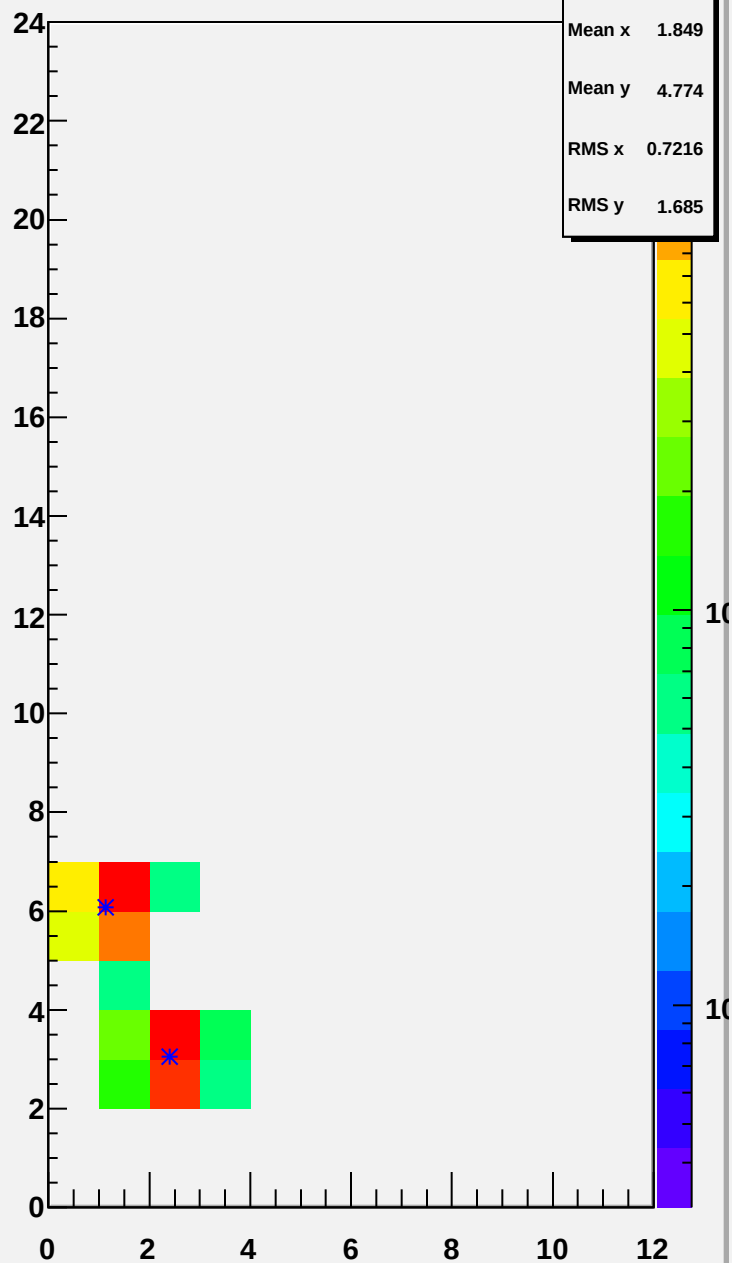
Efit

Entries	288
Mean x	2.755
Mean y	4.04
RMS x	0.5467
RMS y	1.029

NSTB3_r4_c3_En=12.9_m0=0.105 m1=0.105 index=1527



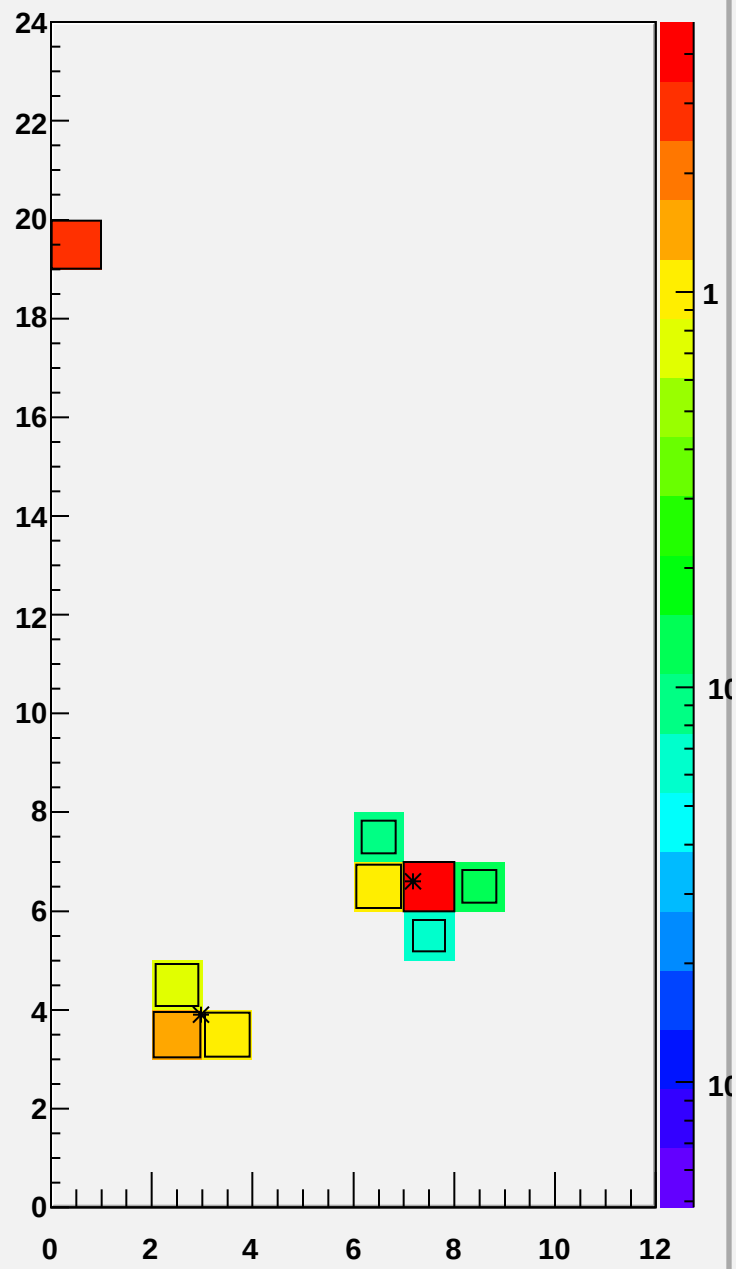
Fitted Energies



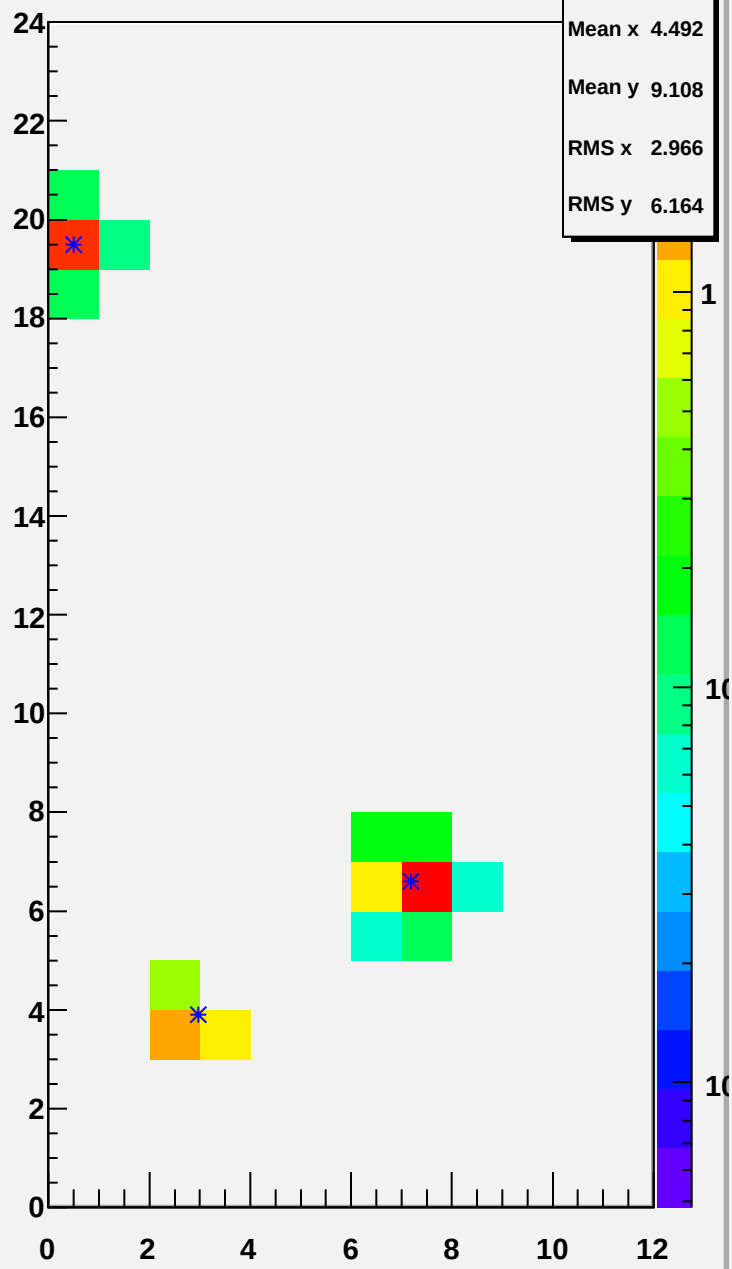
Efit

Entries	288
Mean x	1.849
Mean y	4.774
RMS x	0.7216
RMS y	1.685

NSTB3_r4_c3_En=12.9_m0=0.139_m1=0.139_index=1528



Fitted Energies



Efit

Entries 288

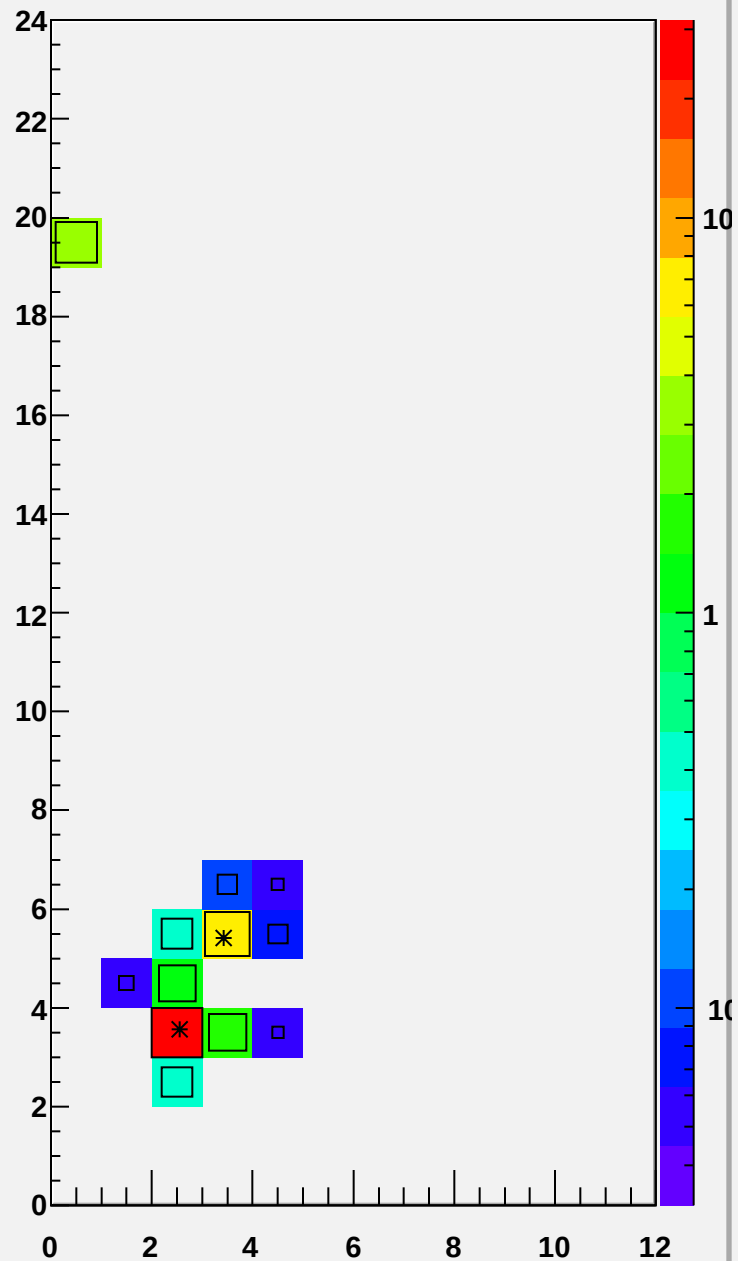
Mean x 4.492

Mean y 9.108

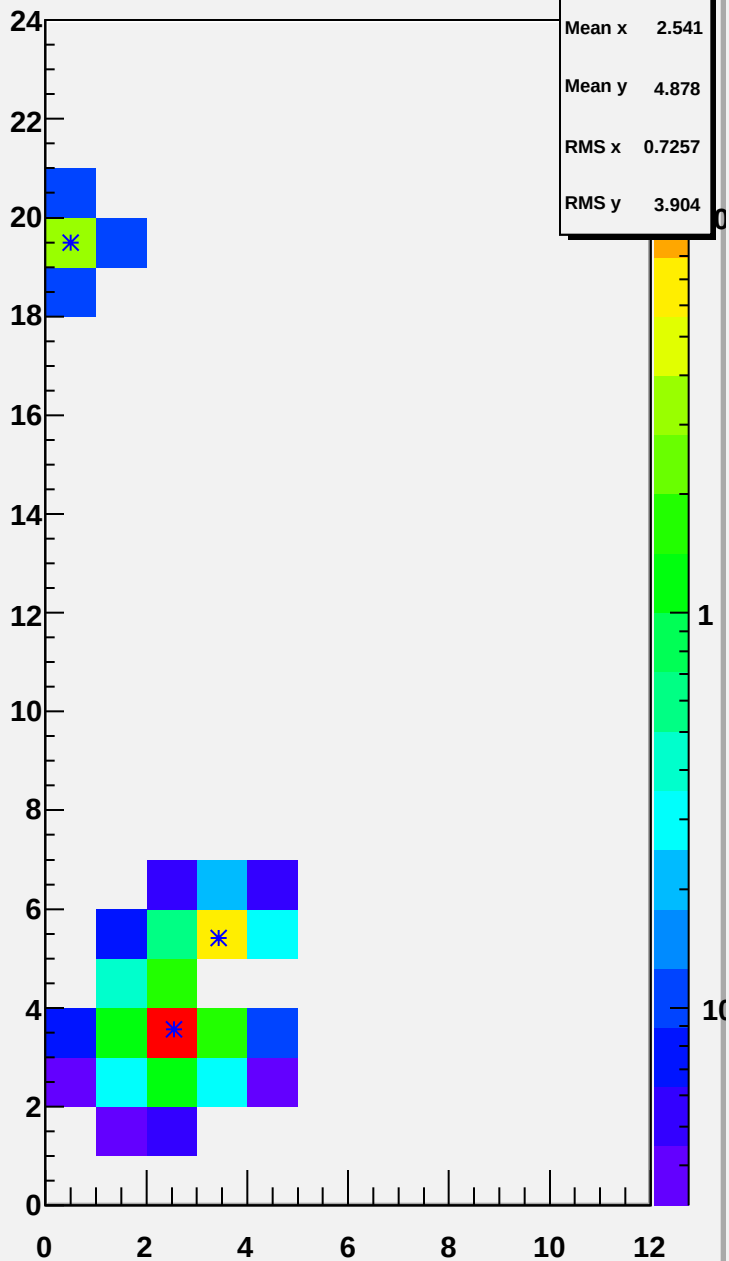
RMS x 2.966

RMS y 6.164

NSTB3_r4_c3_En=46.3_m0=0.209 m1=0.210 index=1529



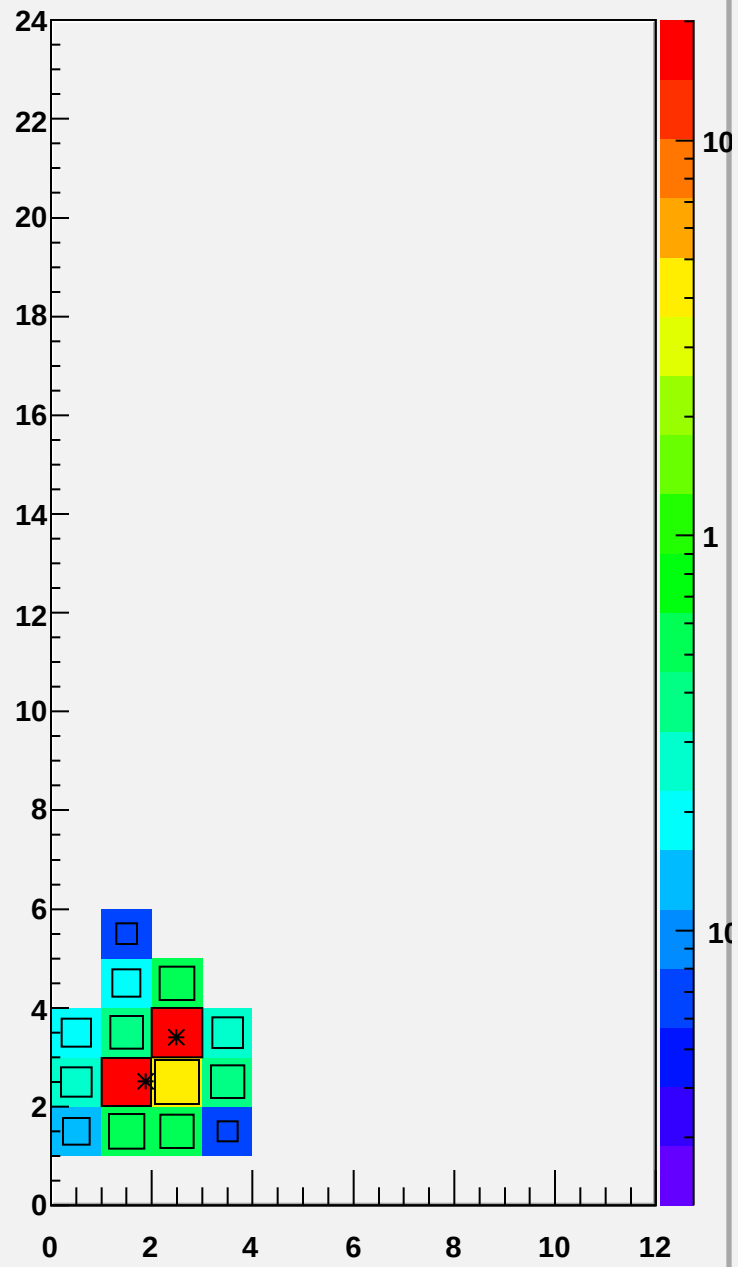
Fitted Energies



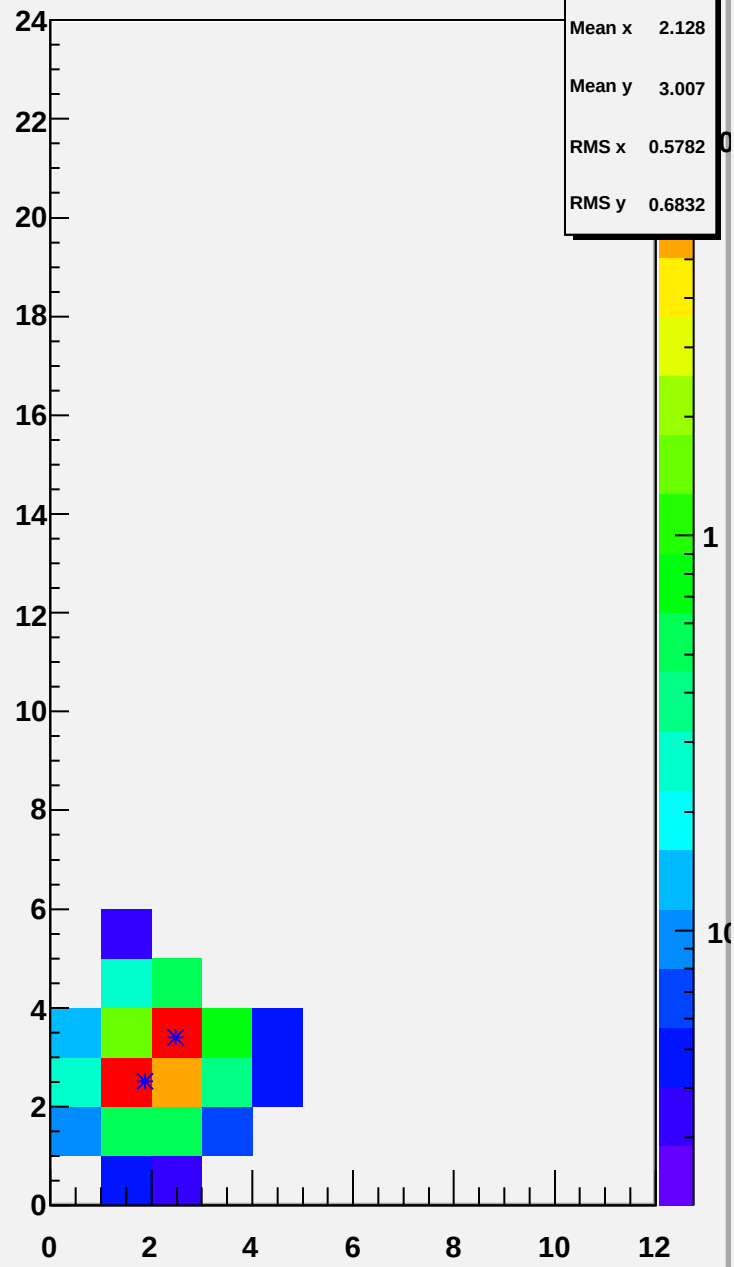
Efit

Entries	288
Mean x	2.541
Mean y	4.878
RMS x	0.7257
RMS y	3.904

NSTB3_r4_c3_En=43.1_m0=0.136_m1=0.137_index=1531



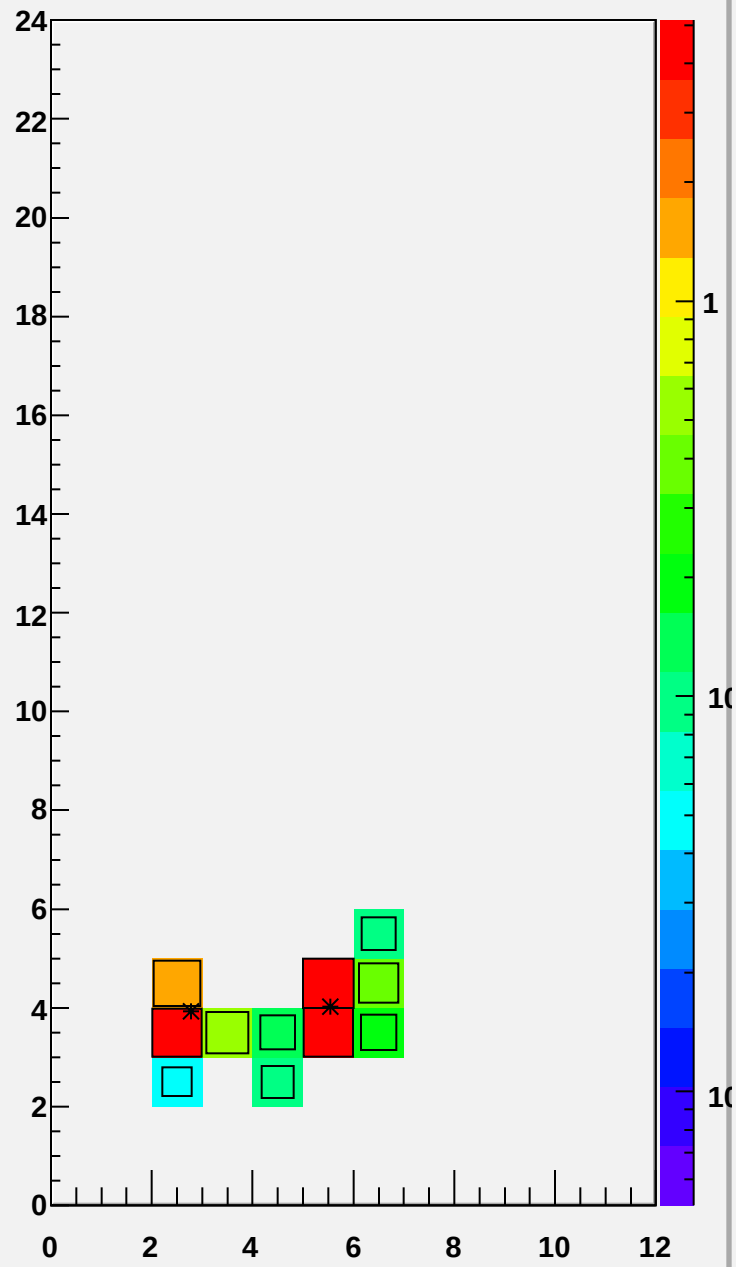
Fitted Energies



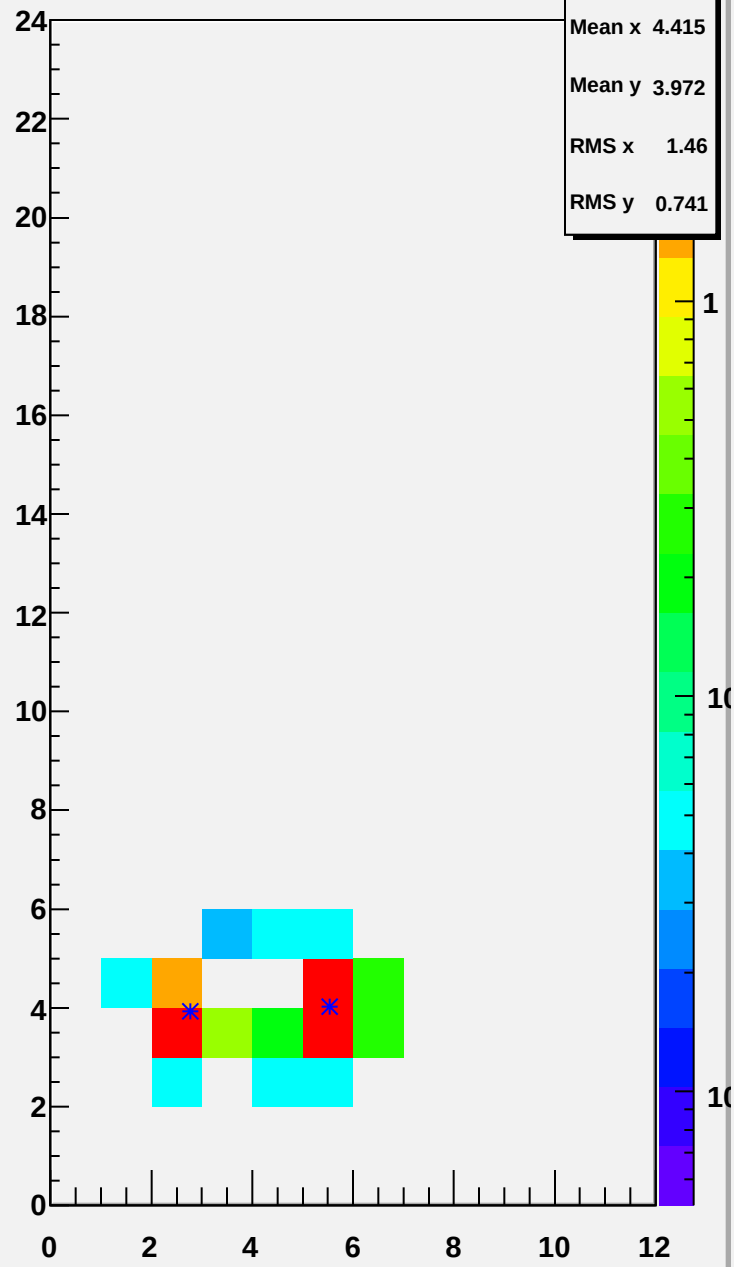
Efit

Entries	288
Mean x	2.128
Mean y	3.007
RMS x	0.5782
RMS y	0.6832

NSTB3_r4_c3_En=16.3_m0=0.130 m1=0.130 index=1532



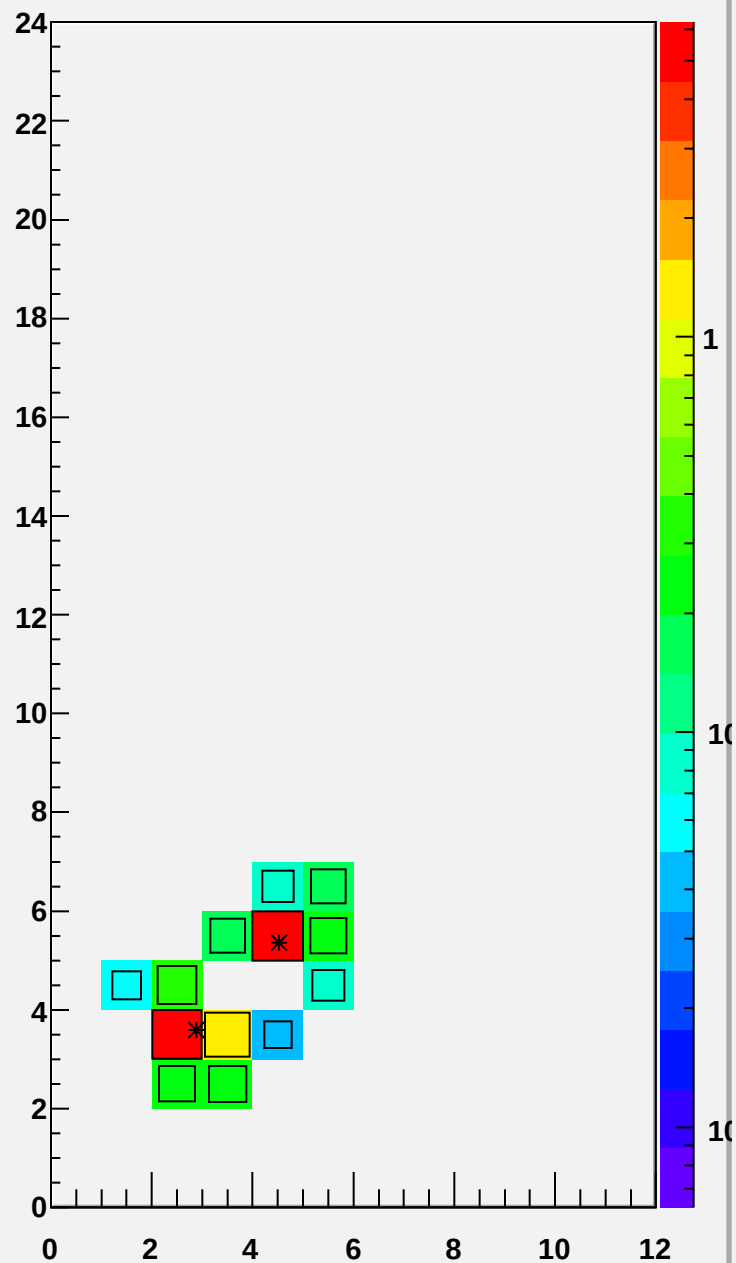
Fitted Energies



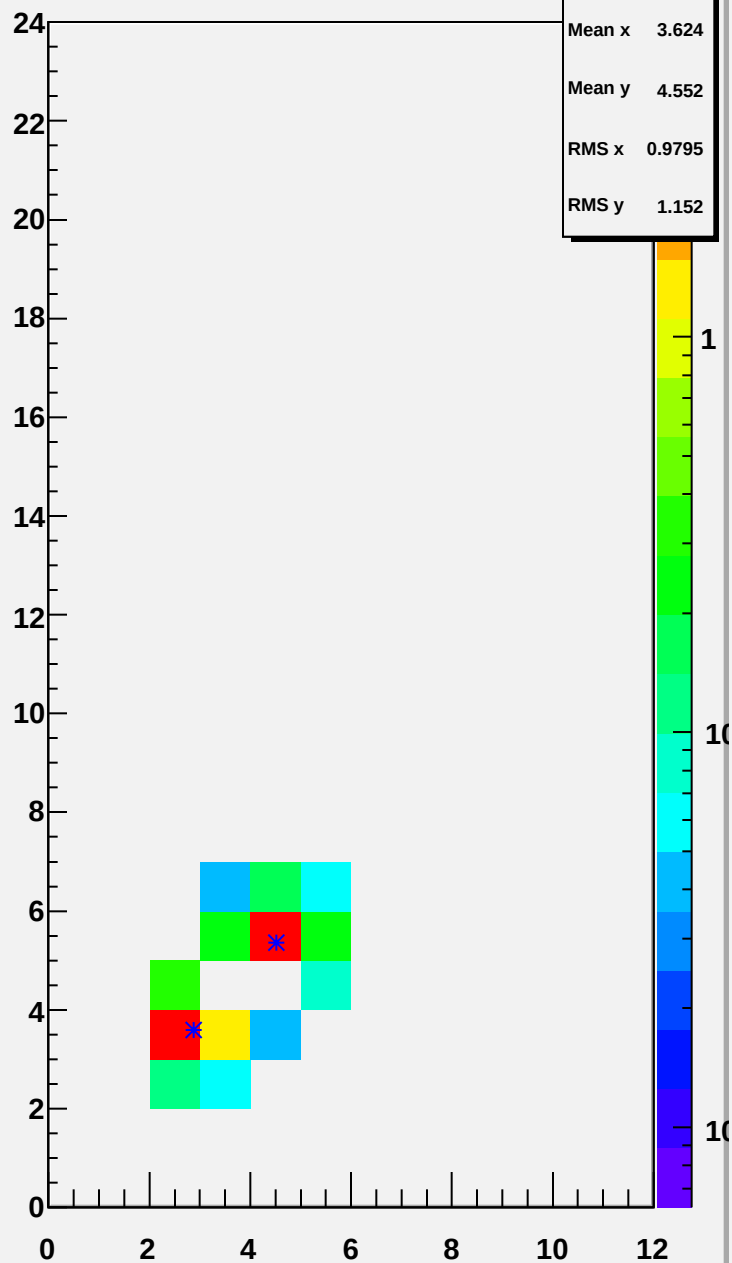
Efit

Entries 288
Mean x 4.415
Mean y 3.972
RMS x 1.46
RMS y 0.741

NSTB3_r4_c3_En=14.4_m0=0.100 m1=0.100 index=1534



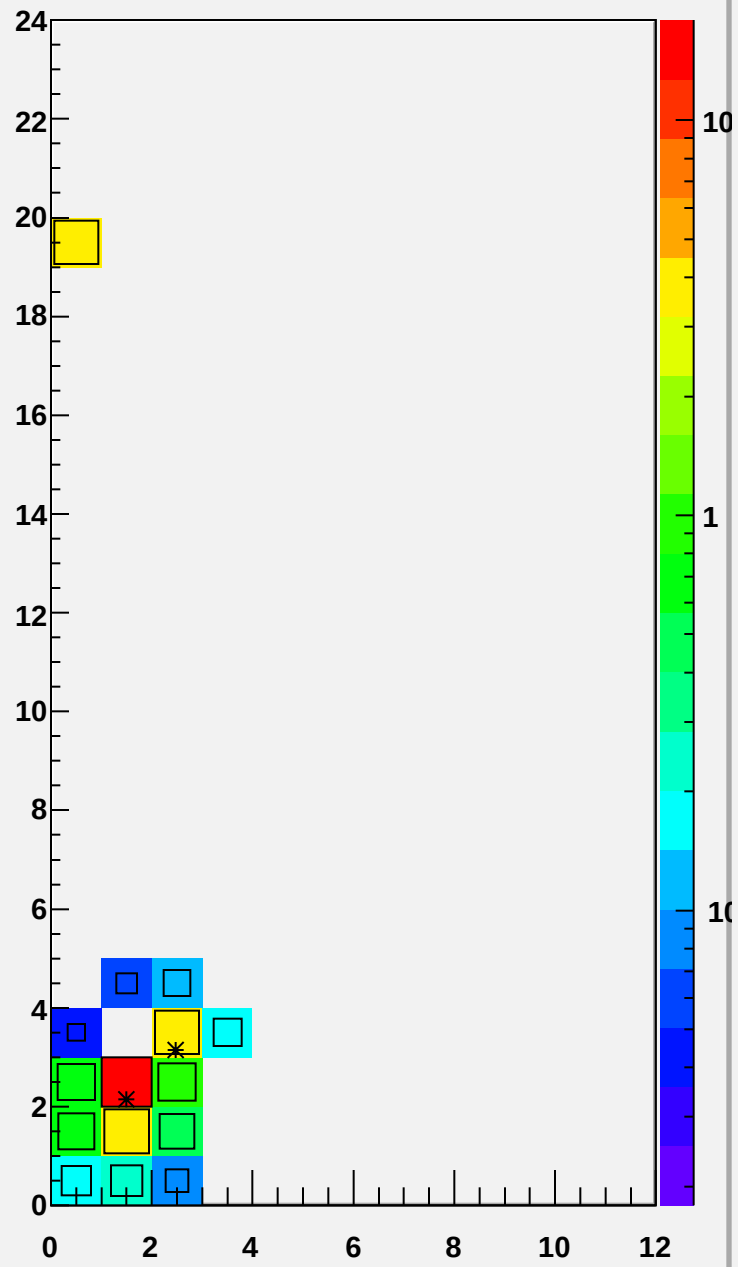
Fitted Energies



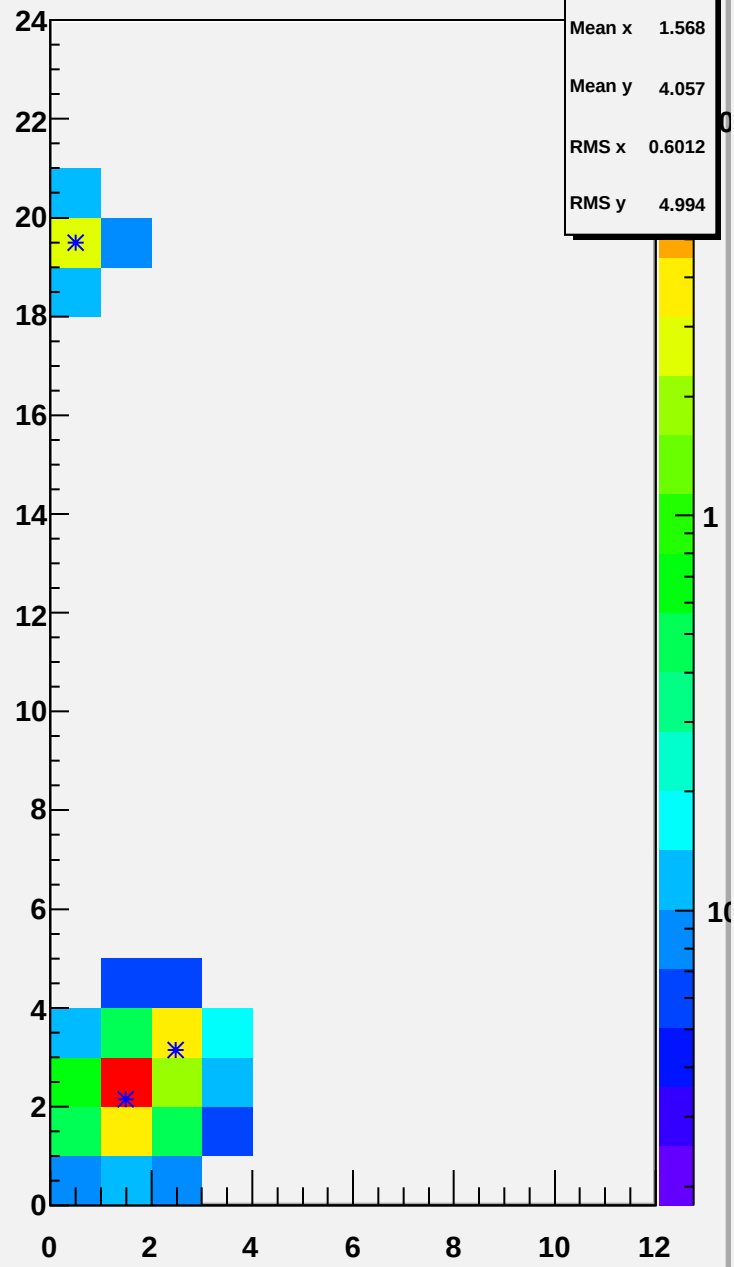
Efit

Entries	288
Mean x	3.624
Mean y	4.552
RMS x	0.9795
RMS y	1.152

NSTB3_r4_c3_En=33.0_m0=0.091 m1=0.091 index=1535

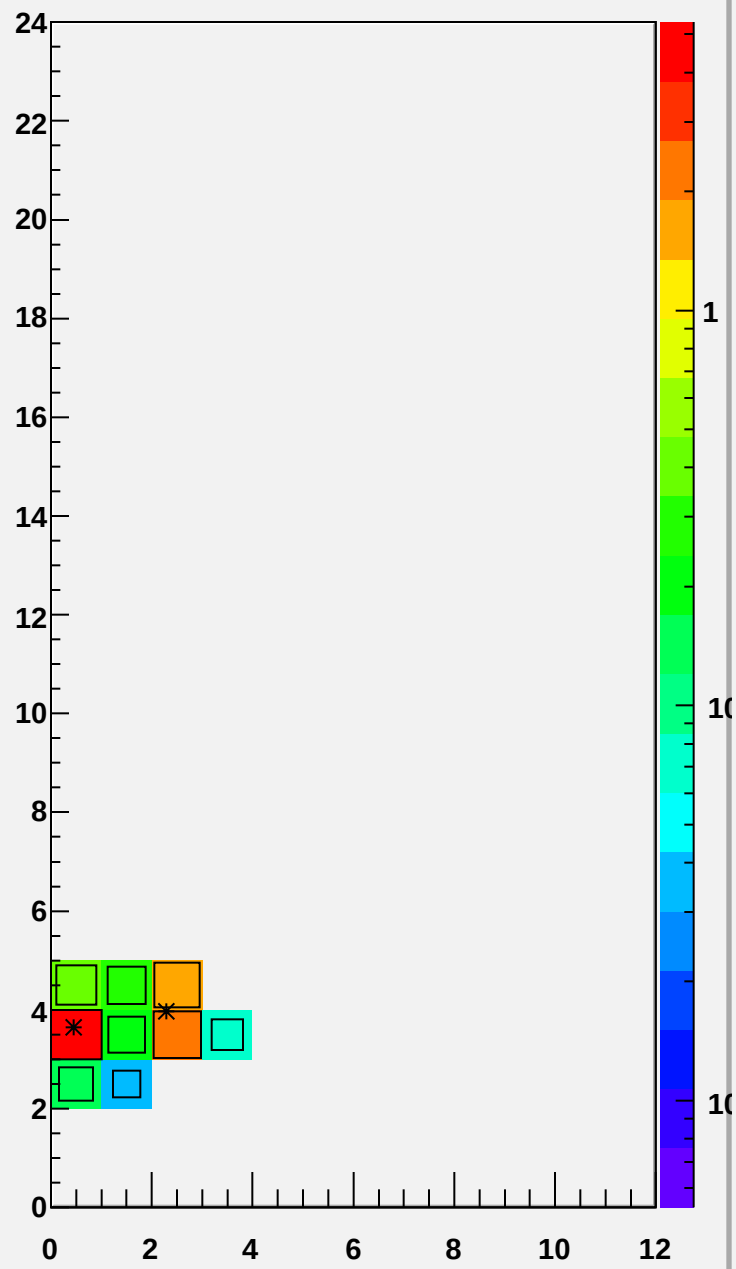


Fitted Energies

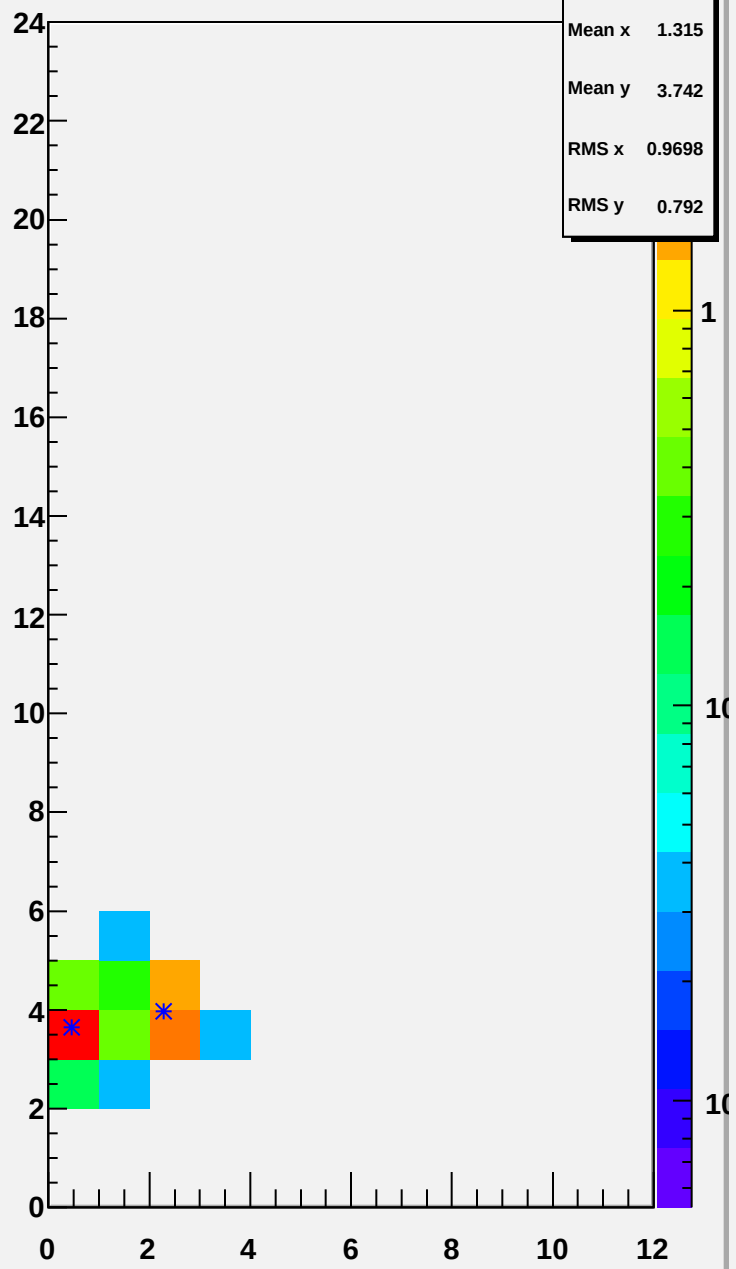


Efite	
Entries	288
Mean x	1.568
Mean y	4.057
RMS x	0.6012
RMS y	4.994

NSTB3_r4_c3_En=10.4_m0=0.057 m1=0.057 index=1536



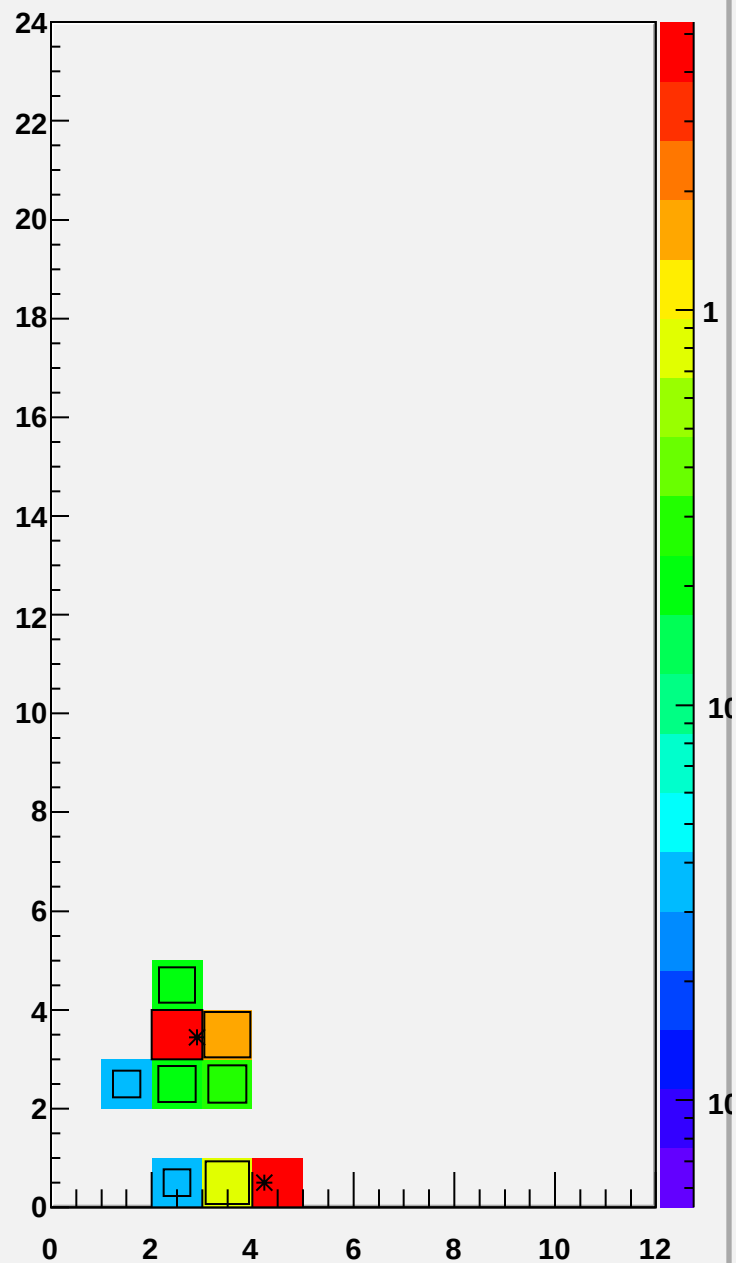
Fitted Energies



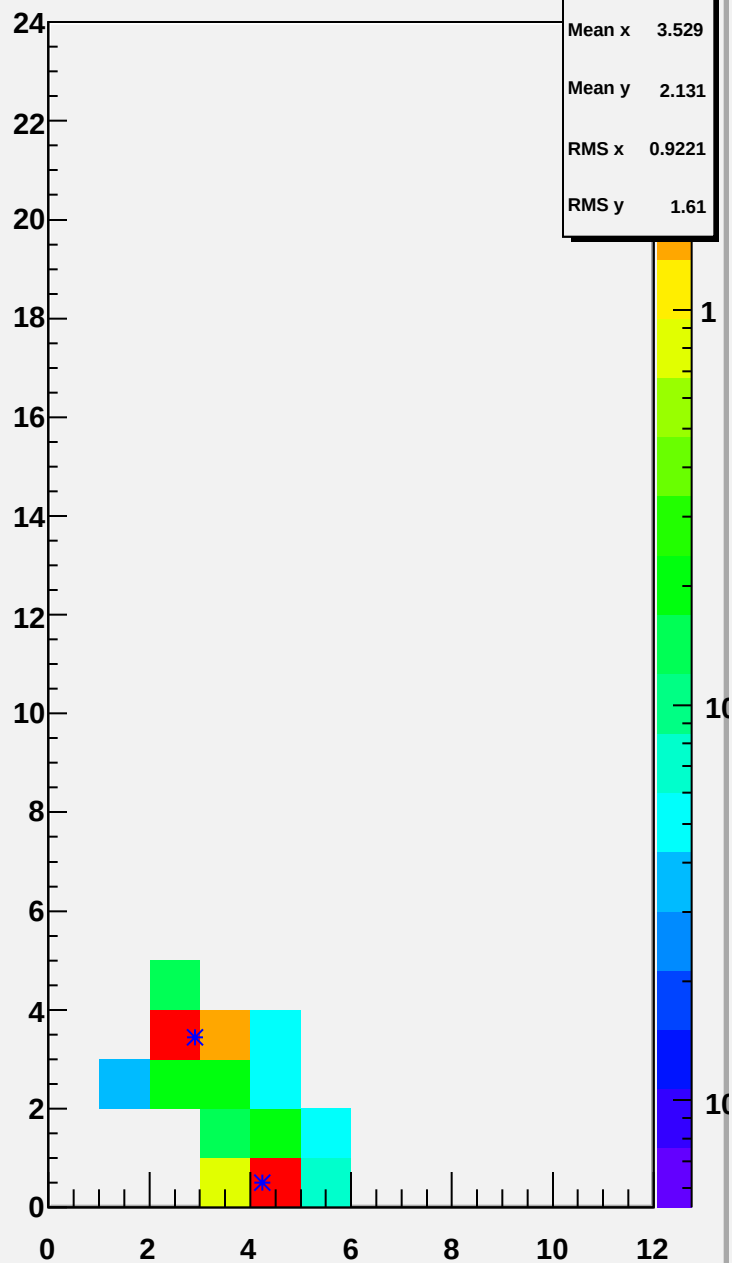
Efit

Entries	288
Mean x	1.315
Mean y	3.742
RMS x	0.9698
RMS y	0.792

NSTB3_r4_c3_En=13.6_m0=0.129 m1=0.129 index=1537



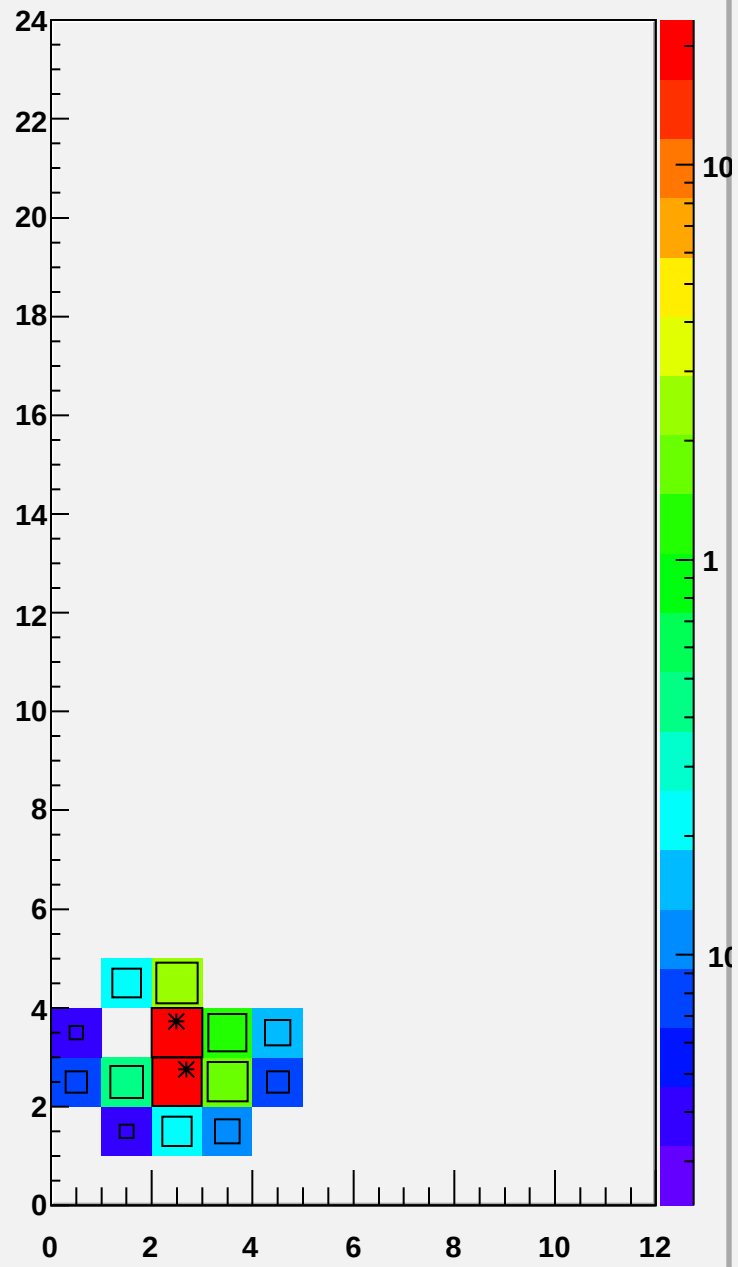
Fitted Energies



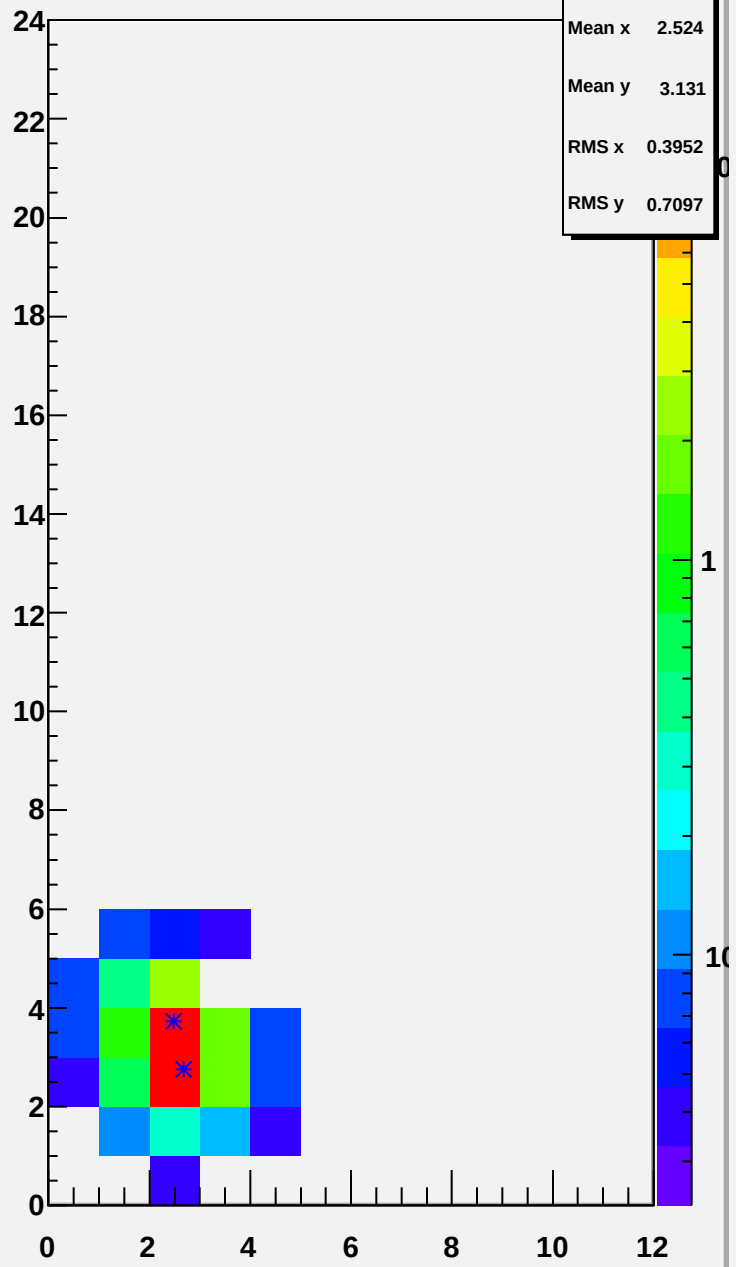
Efit

Entries	288
Mean x	3.529
Mean y	2.131
RMS x	0.9221
RMS y	1.61

NSTB3_r4_c3_En=48.9_m0=0.138 m1=0.138 index=1538



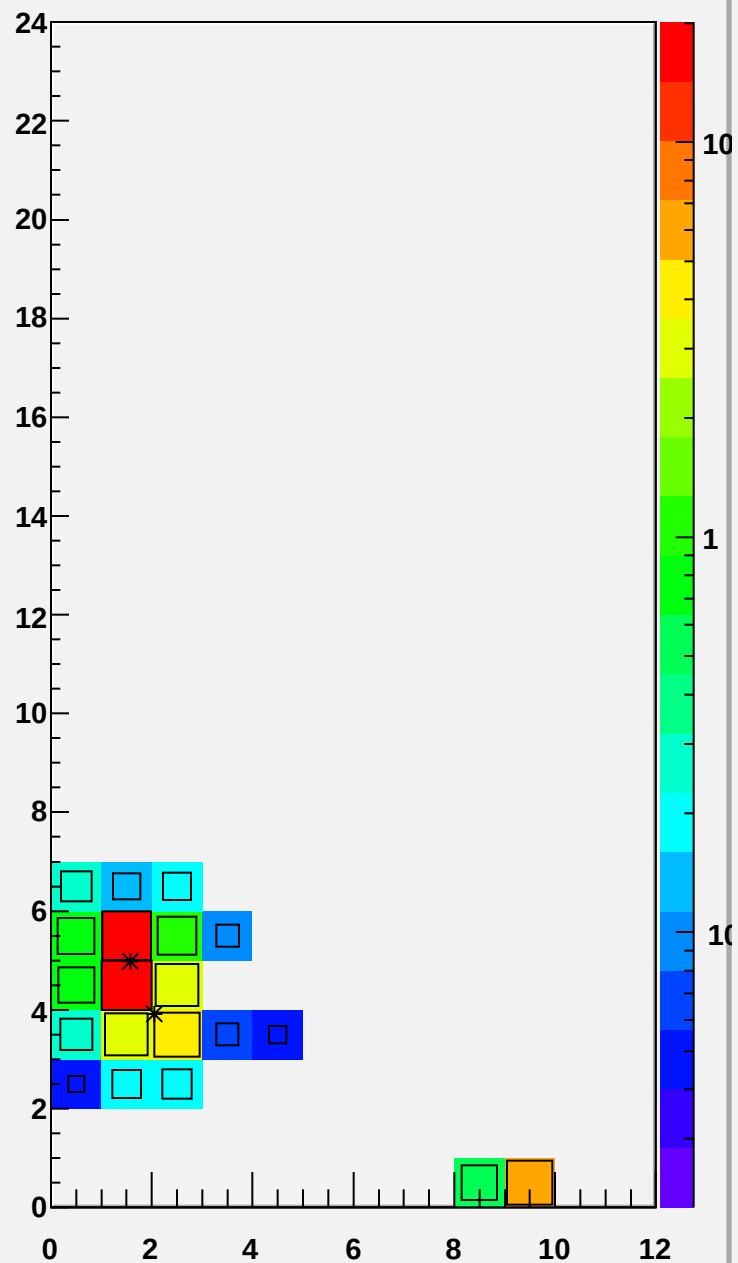
Fitted Energies



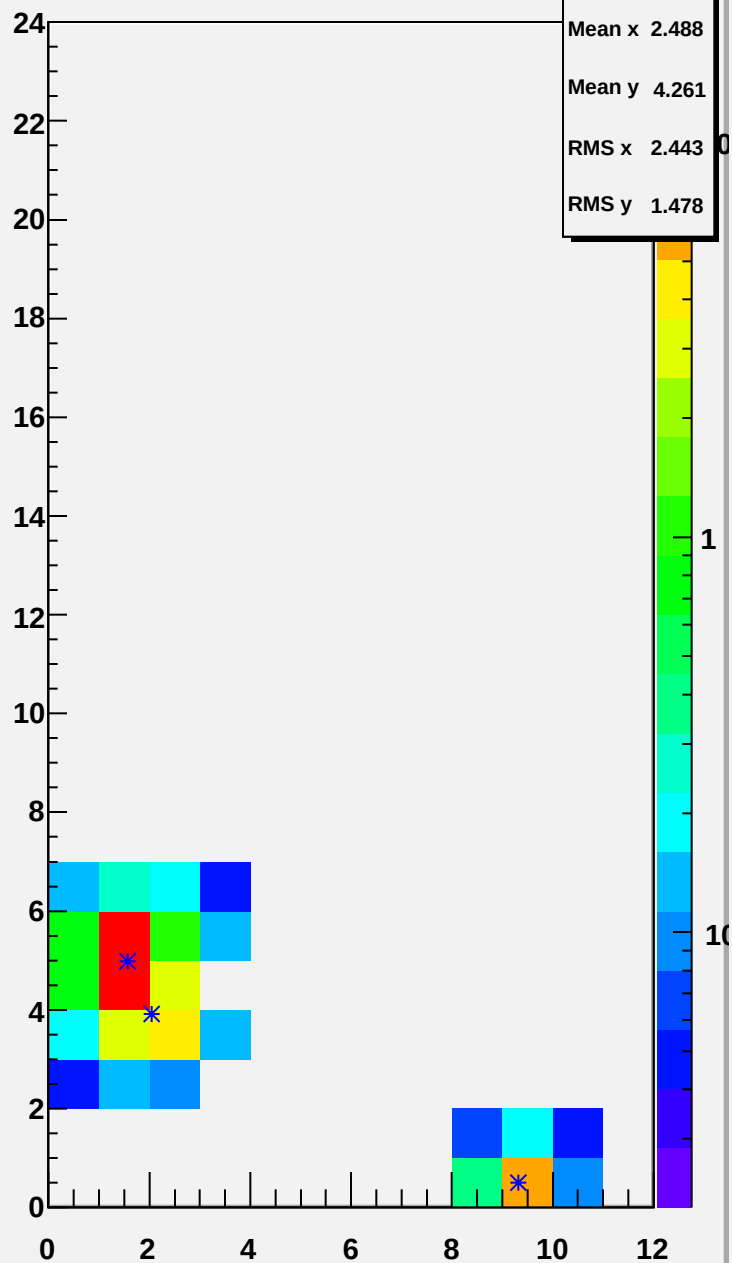
Efit

Entries	288
Mean x	2.524
Mean y	3.131
RMS x	0.3952
RMS y	0.7097

NSTB3_r4_c3_En=55.4_m0=0.132 m1=0.133 index=1539



Fitted Energies



Efit

Entries 288

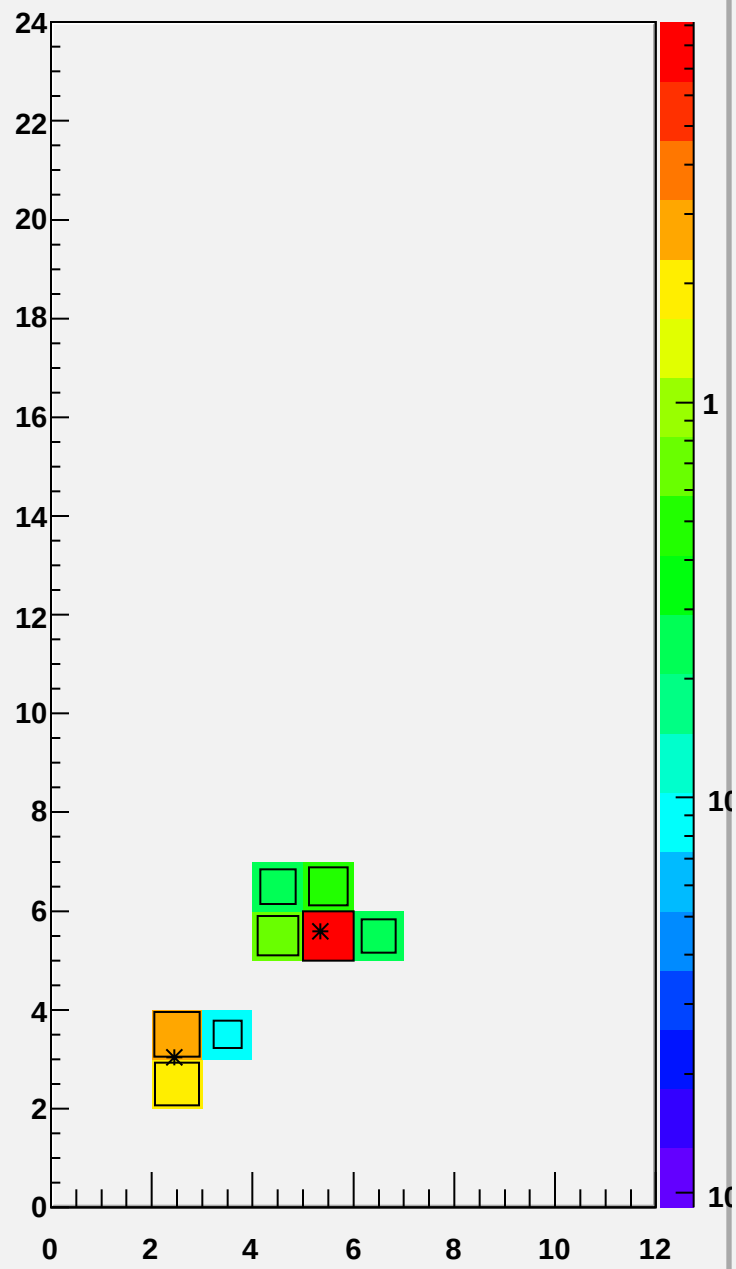
Mean x 2.488

Mean y 4.261

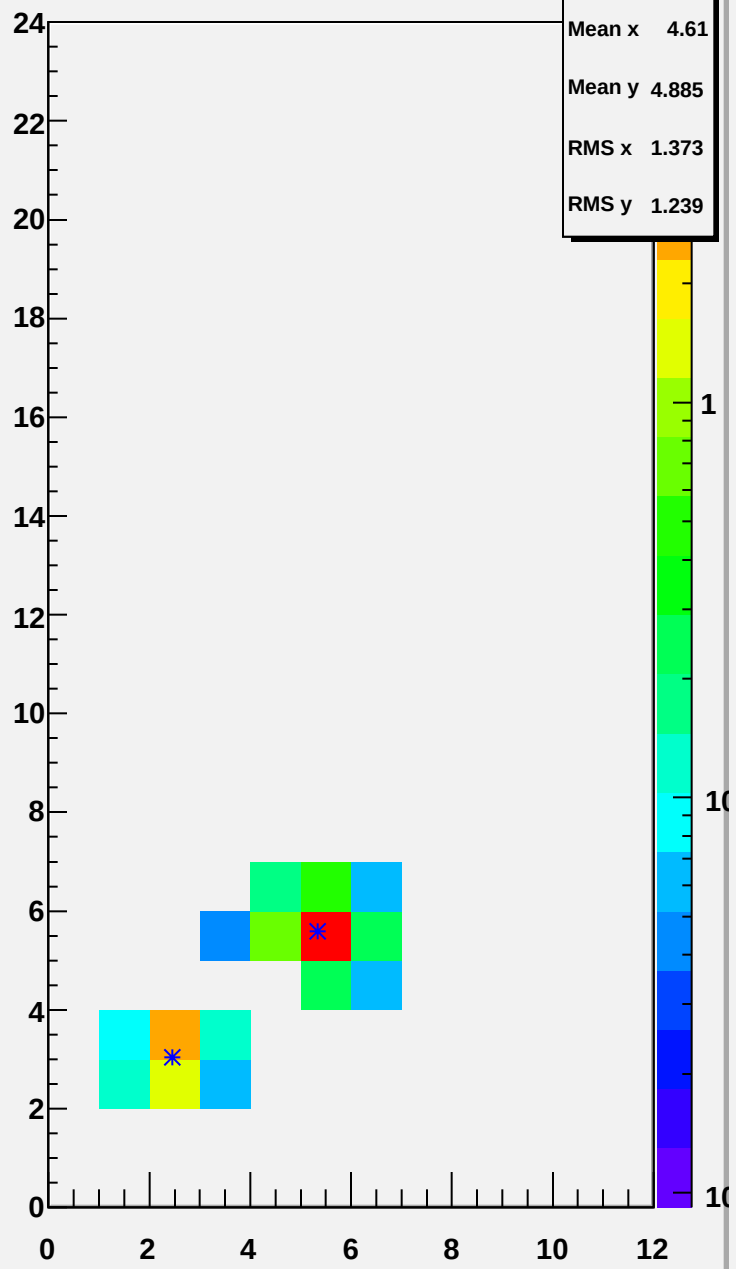
RMS x 2.443

RMS y 1.478

NSTB3_r4_c3_En=15.2_m0=0.156 m1=0.156 index=1540



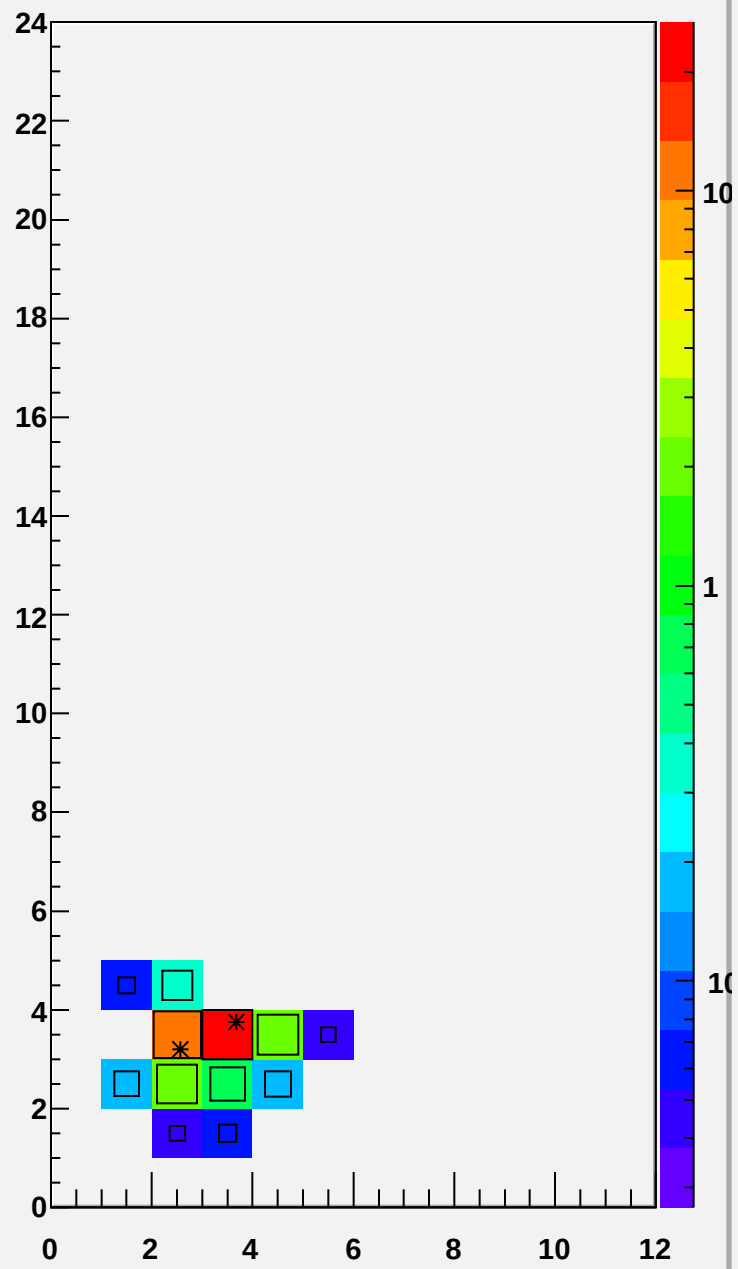
Fitted Energies



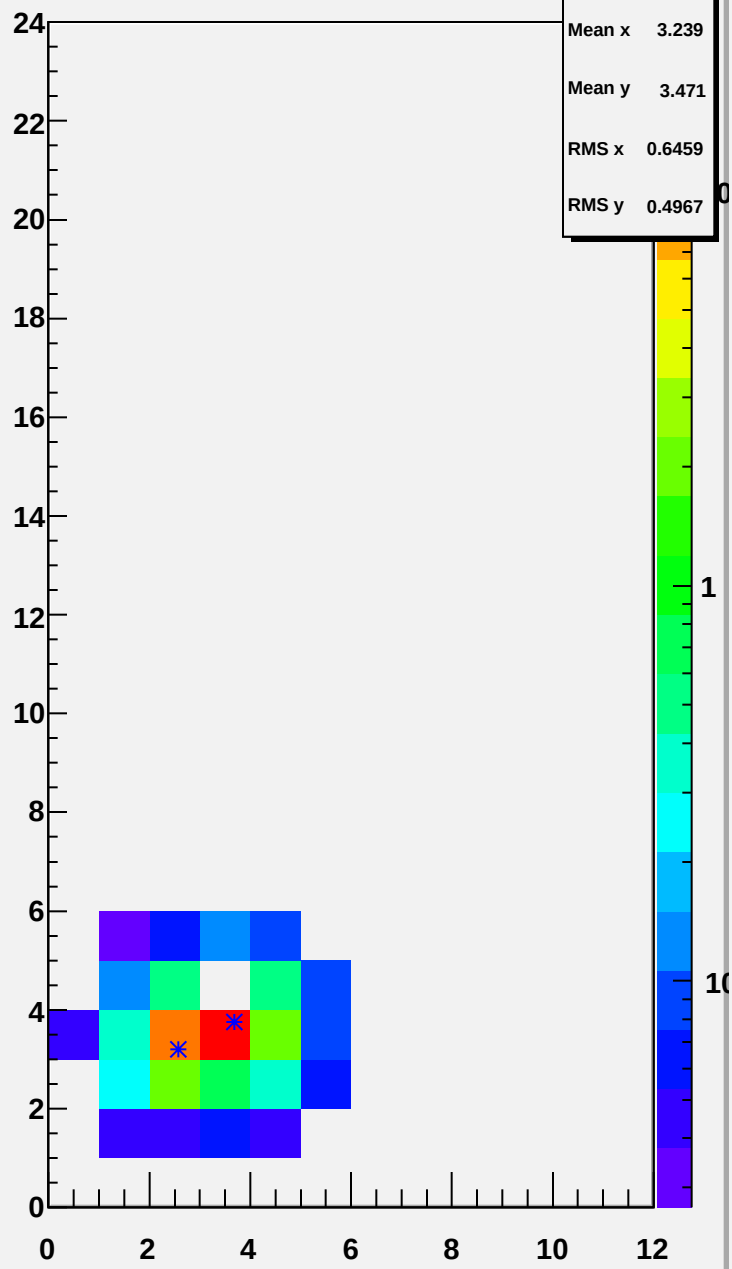
Efit

Entries 288
Mean x 4.61
Mean y 4.885
RMS x 1.373
RMS y 1.239

NSTB3_r4_c3_En=44.3_m0=0.152 m1=0.153 index=1541



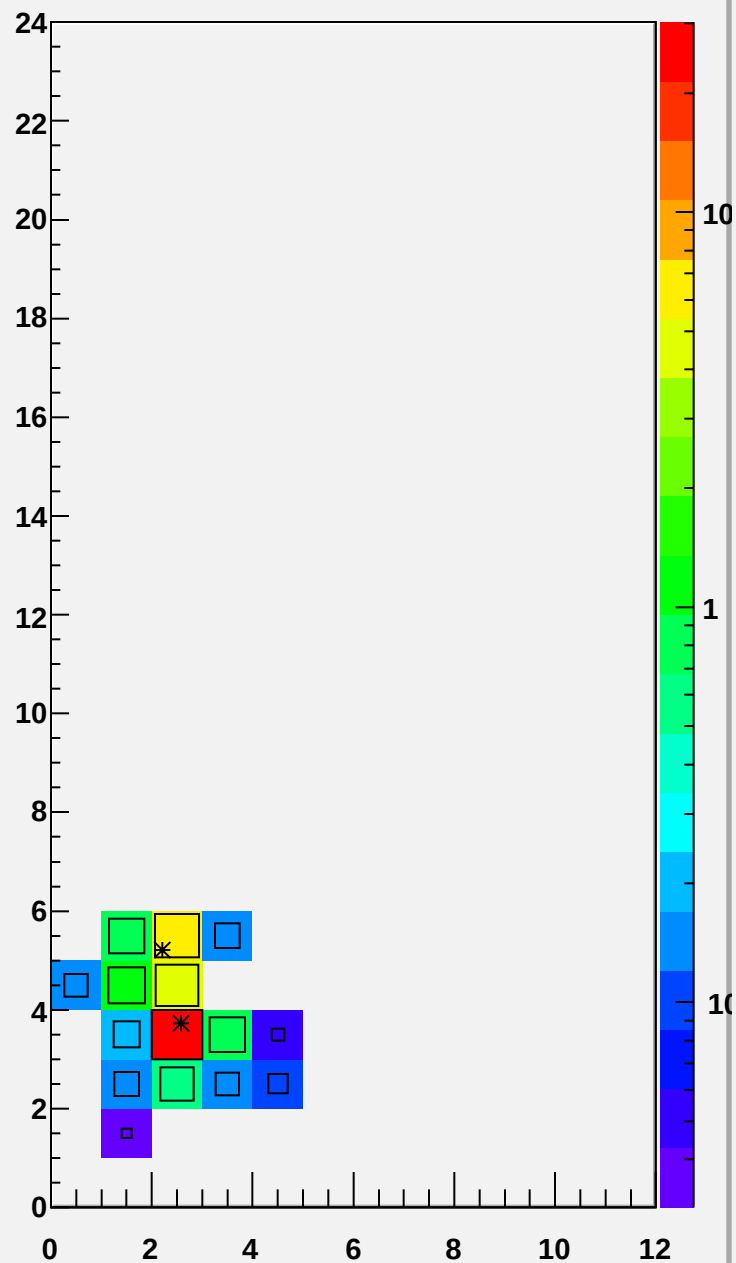
Fitted Energies



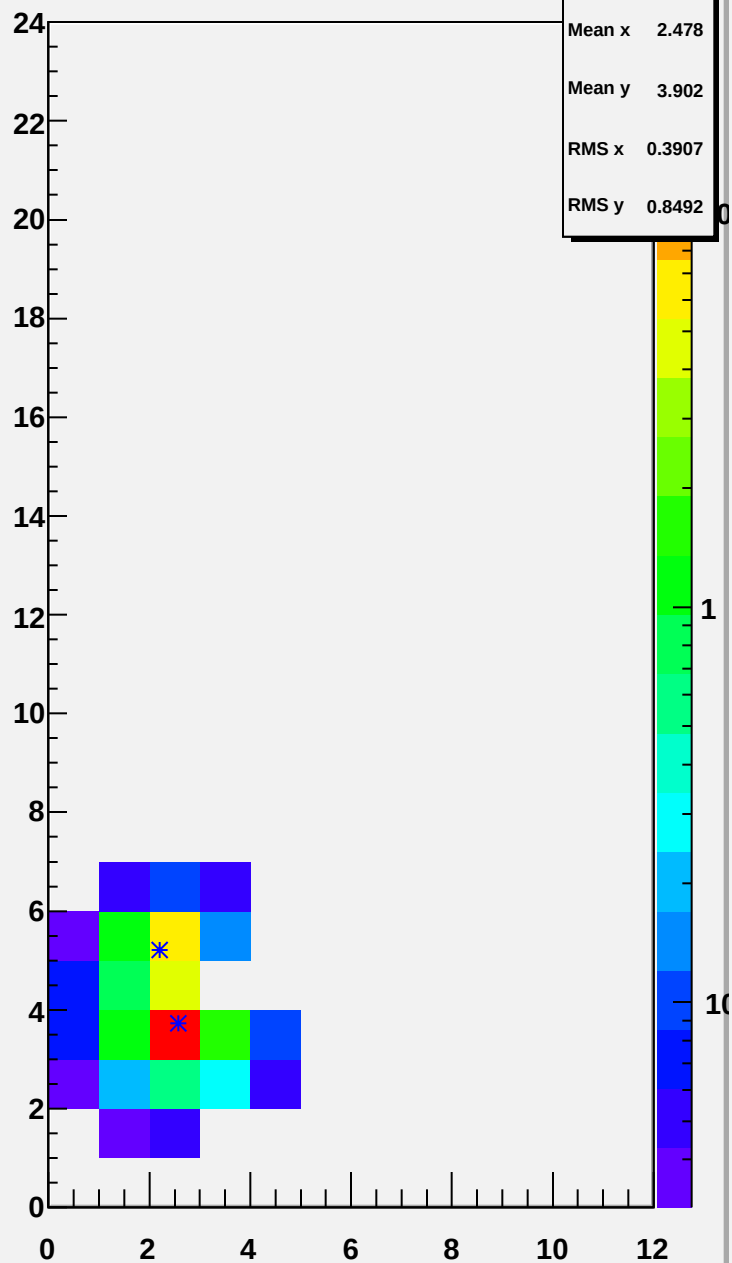
Efit

Entries	288
Mean x	3.239
Mean y	3.471
RMS x	0.6459
RMS y	0.4967

NSTB3_r4_c3_En=44.5_m0=0.145 m1=0.146 index=1542



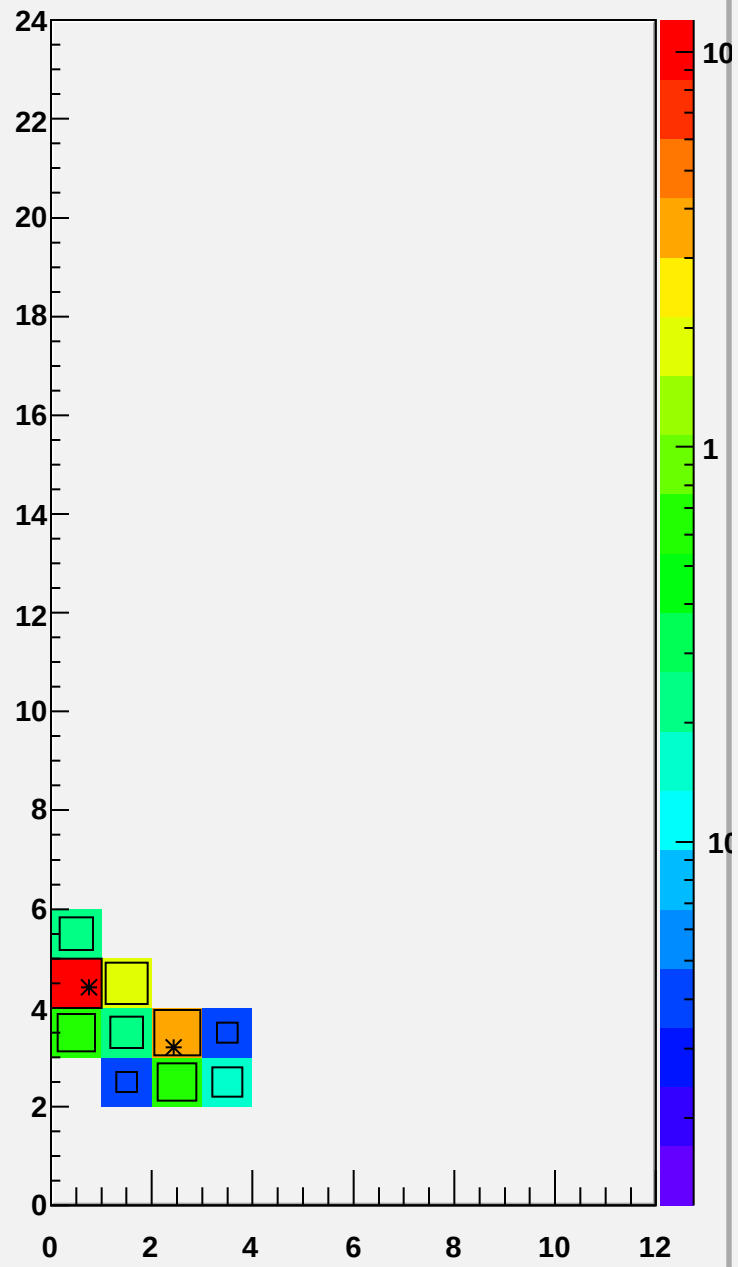
Fitted Energies



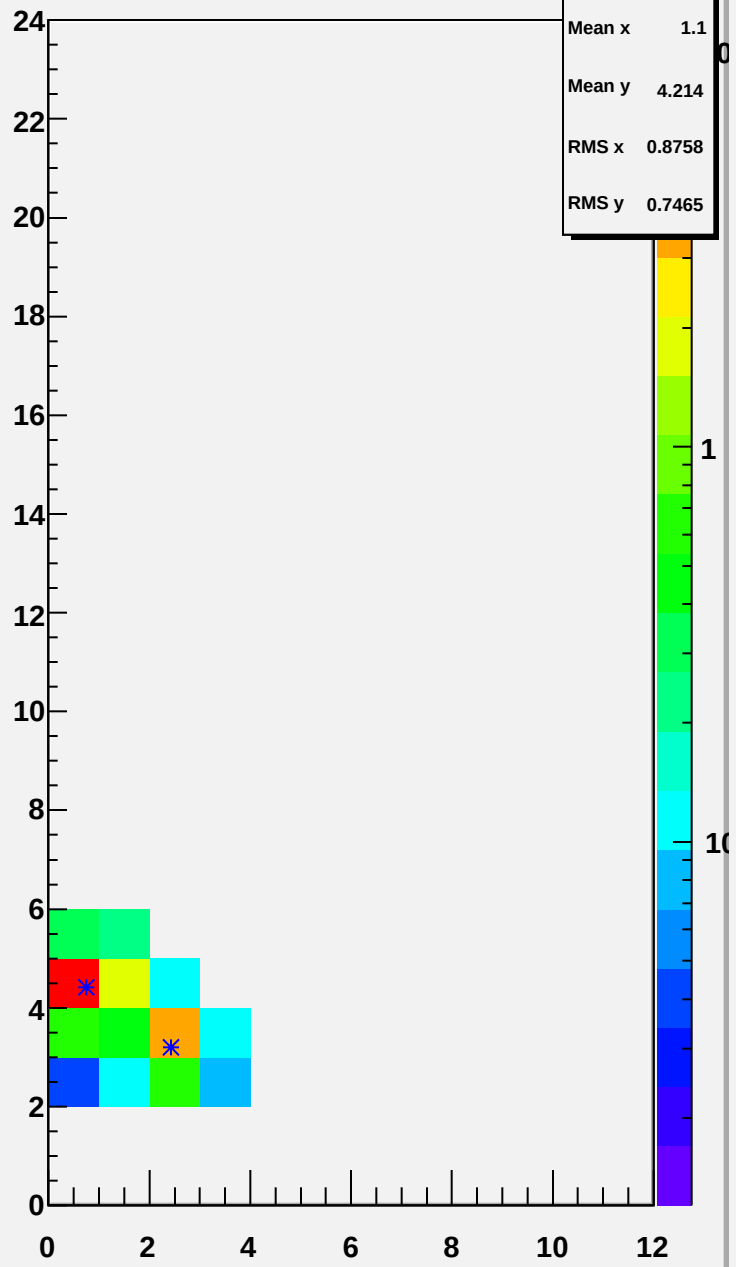
Efit

Entries	288
Mean x	2.478
Mean y	3.902
RMS x	0.3907
RMS y	0.8492

NSTB3_r4_c3_En=19.2_m0=0.101 m1=0.101 index=1543



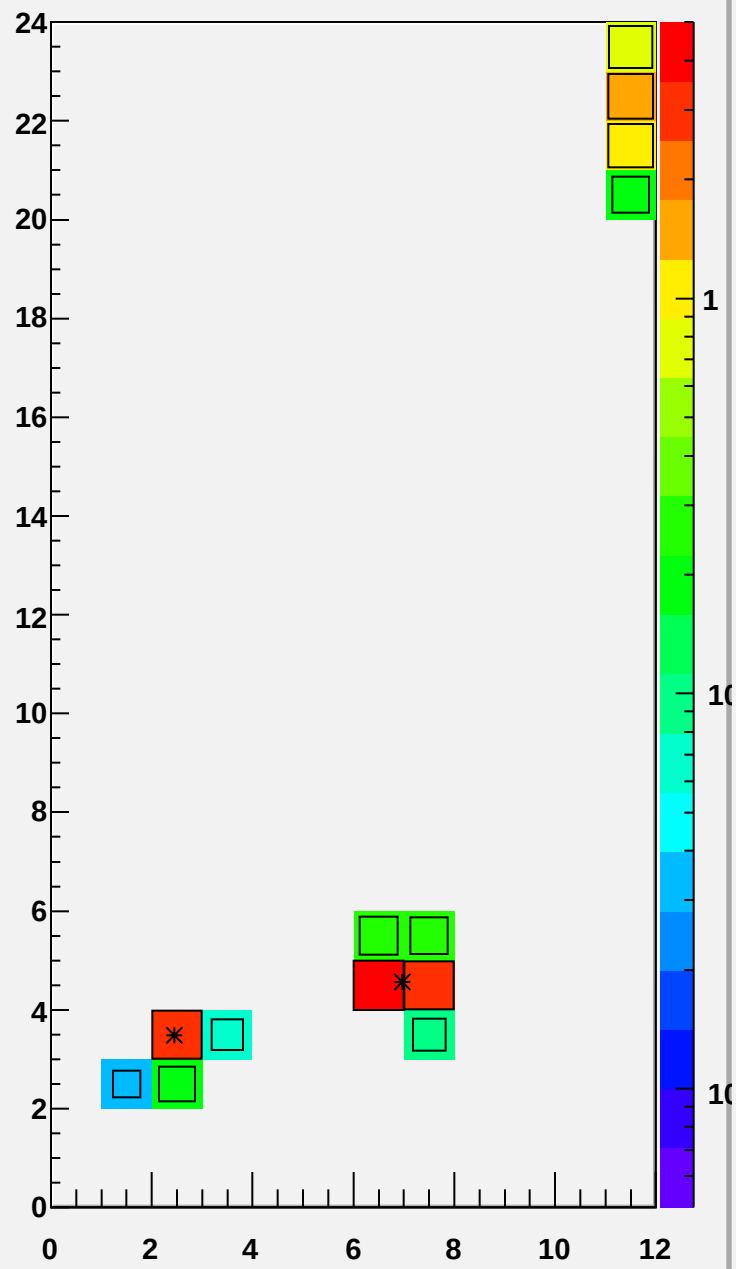
Fitted Energies



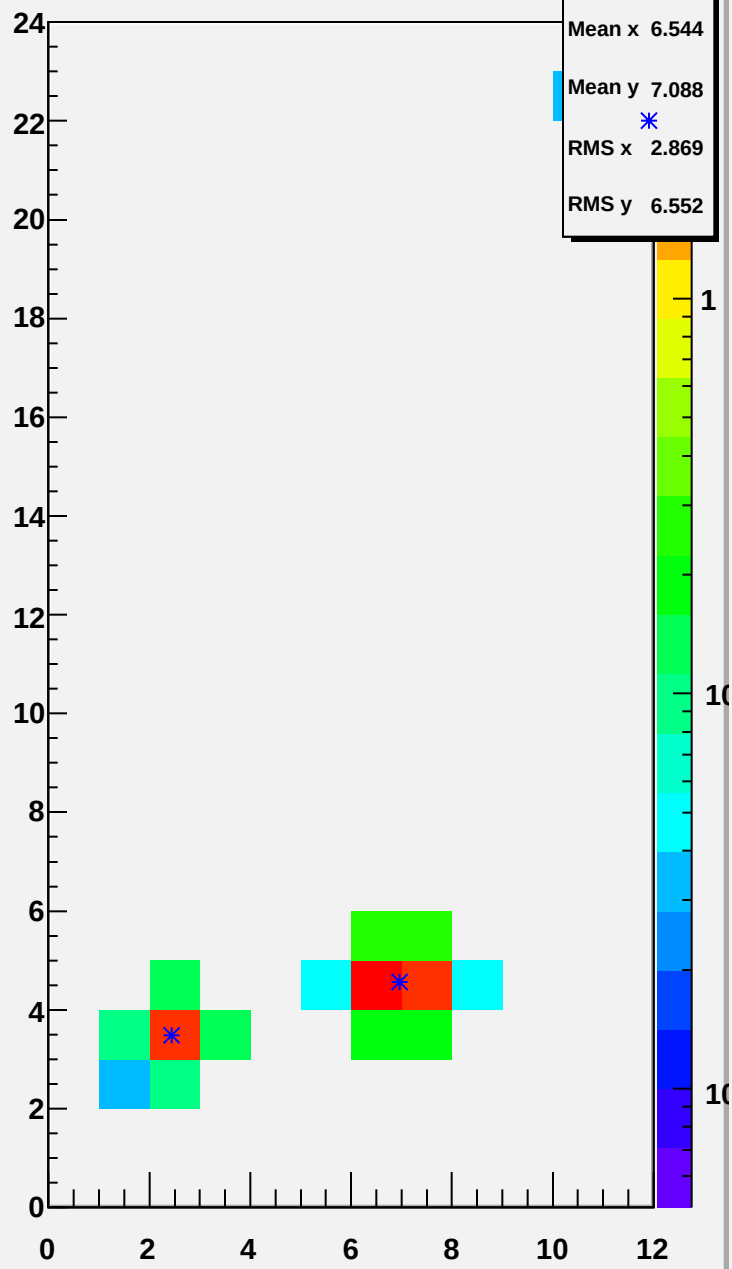
Efit

Entries	288
Mean x	1.1
Mean y	4.214
RMS x	0.8758
RMS y	0.7465

NSTB3_r4_c3_En=16.1_m0=0.158 m1=0.158 index=1545



Fitted Energies



Efit

Entries 288

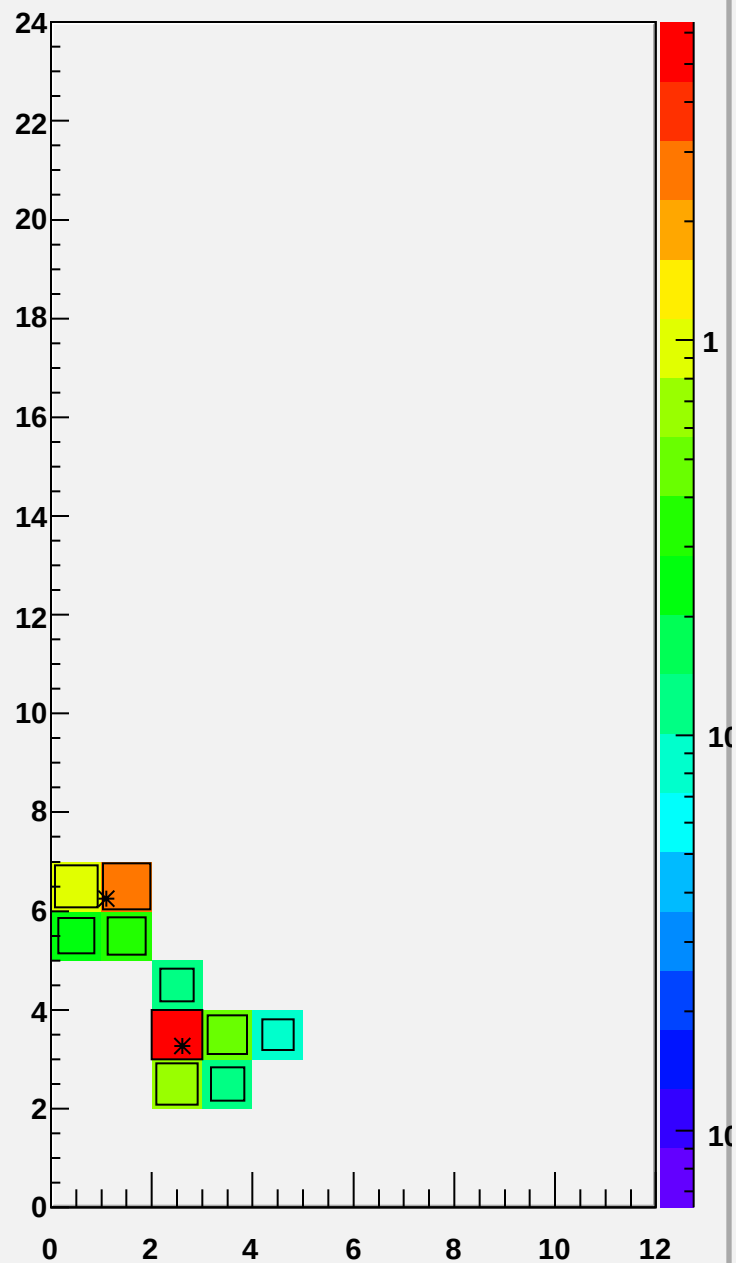
Mean x 6.544

Mean y 7.088

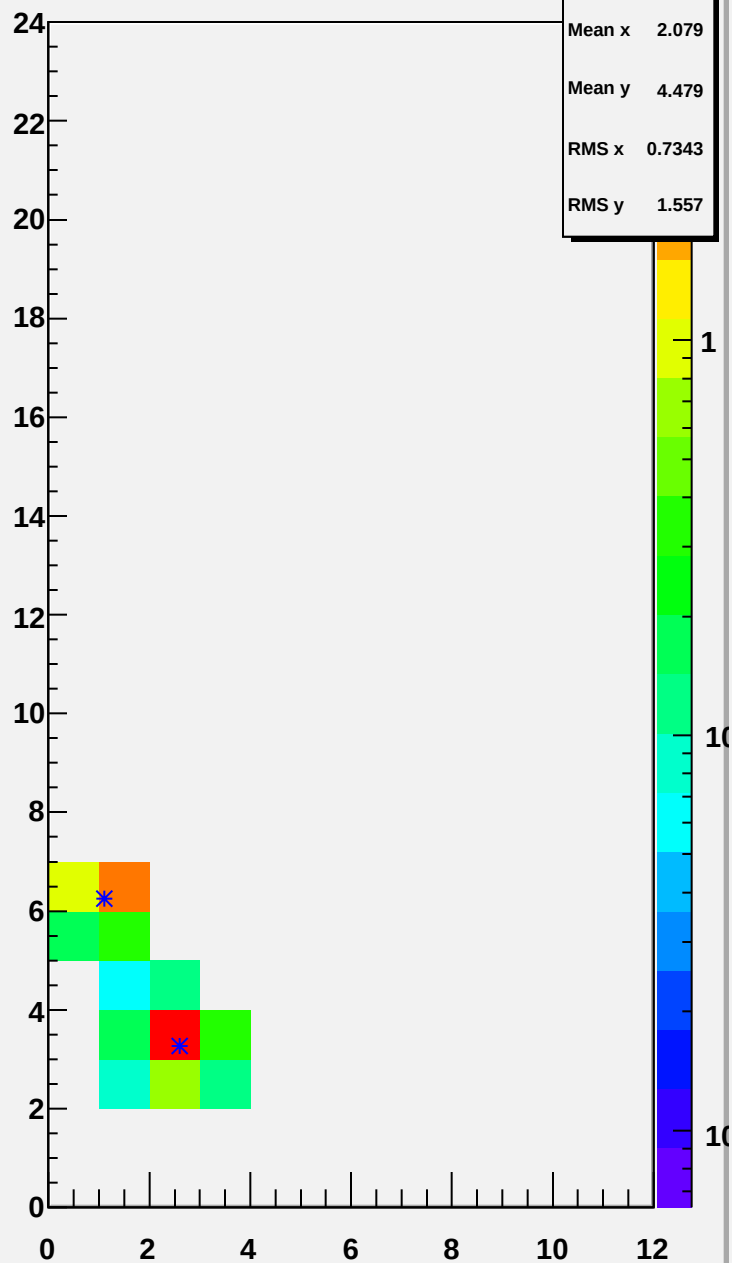
RMS x 2.869

RMS y 6.552

NSTB3_r4_c3_En=12.2_m0=0.113 m1=0.113 index=1546



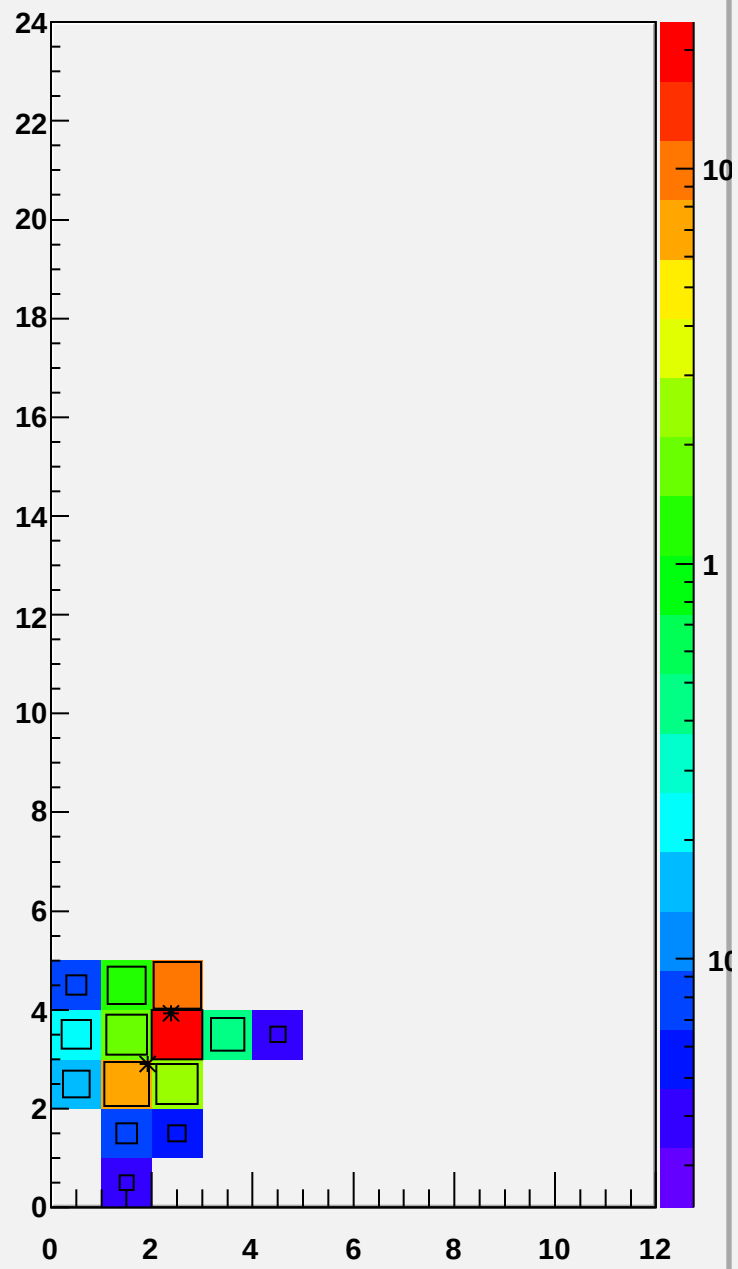
Fitted Energies



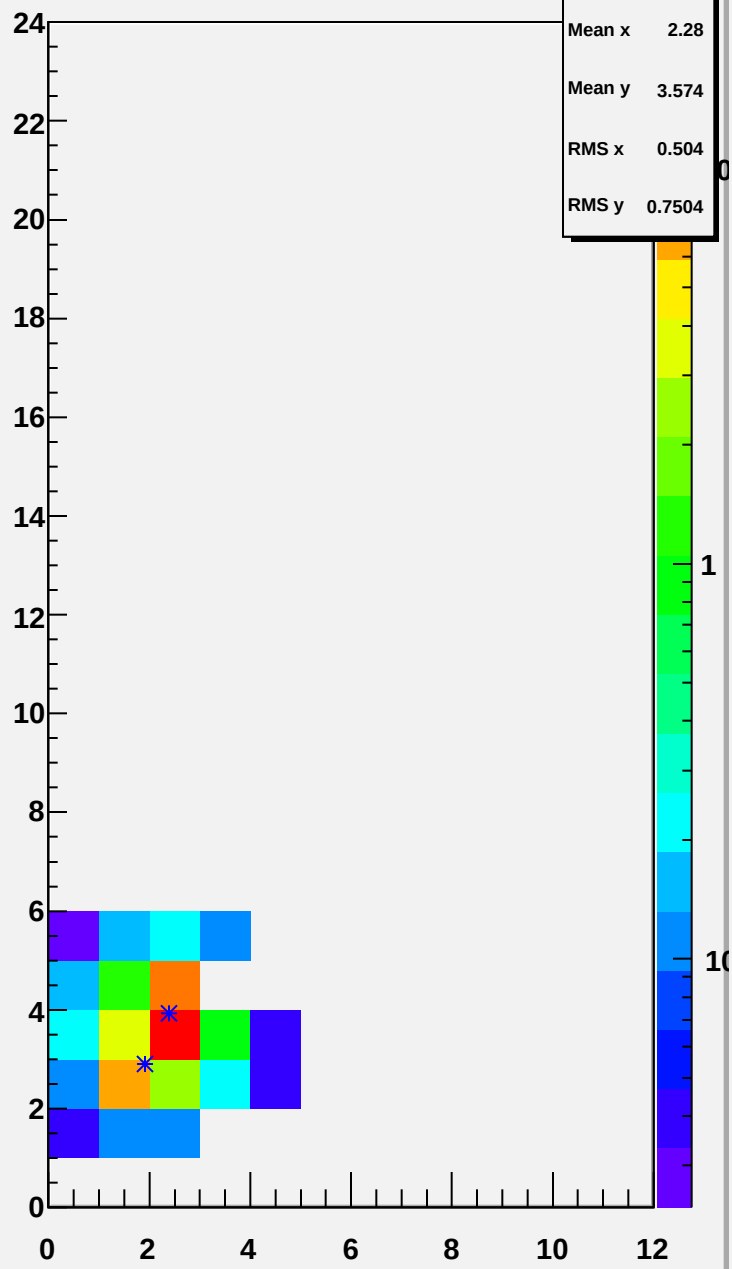
Efit

Entries	288
Mean x	2.079
Mean y	4.479
RMS x	0.7343
RMS y	1.557

NSTB3_r4_c3_En=46.8_m0=0.135 m1=0.136 index=1549



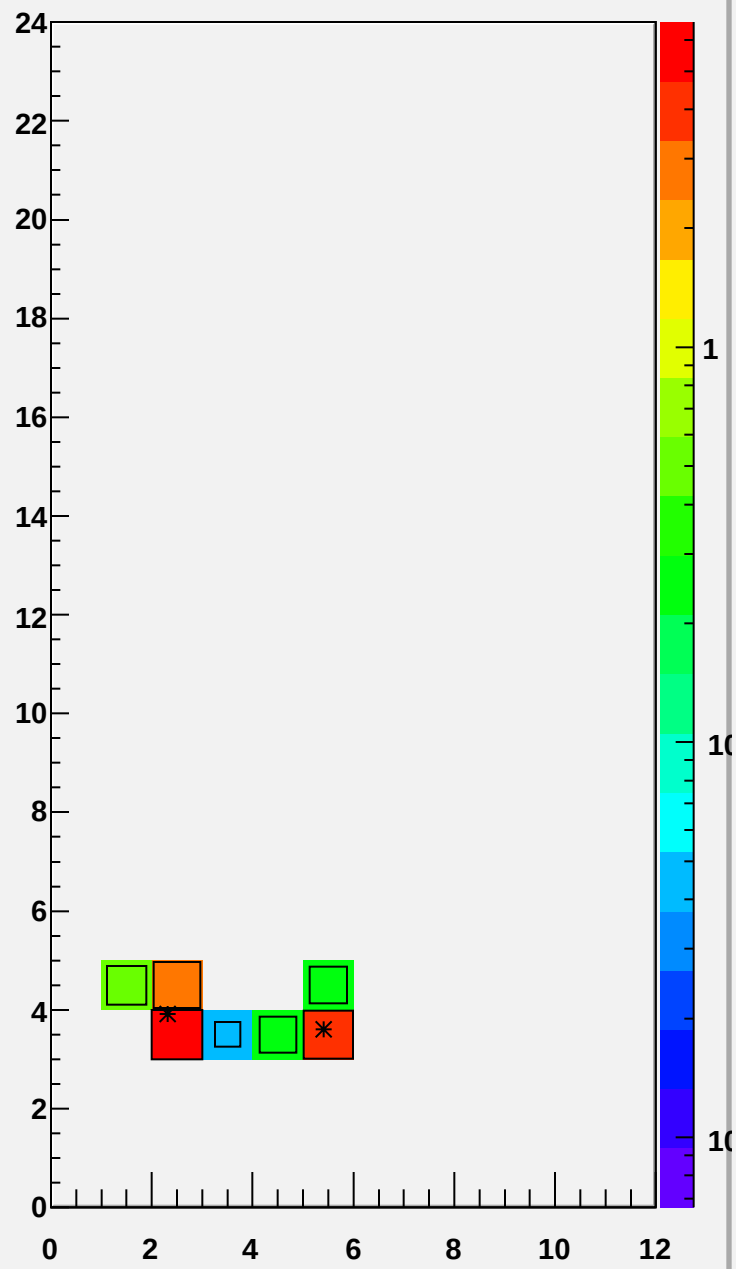
Fitted Energies



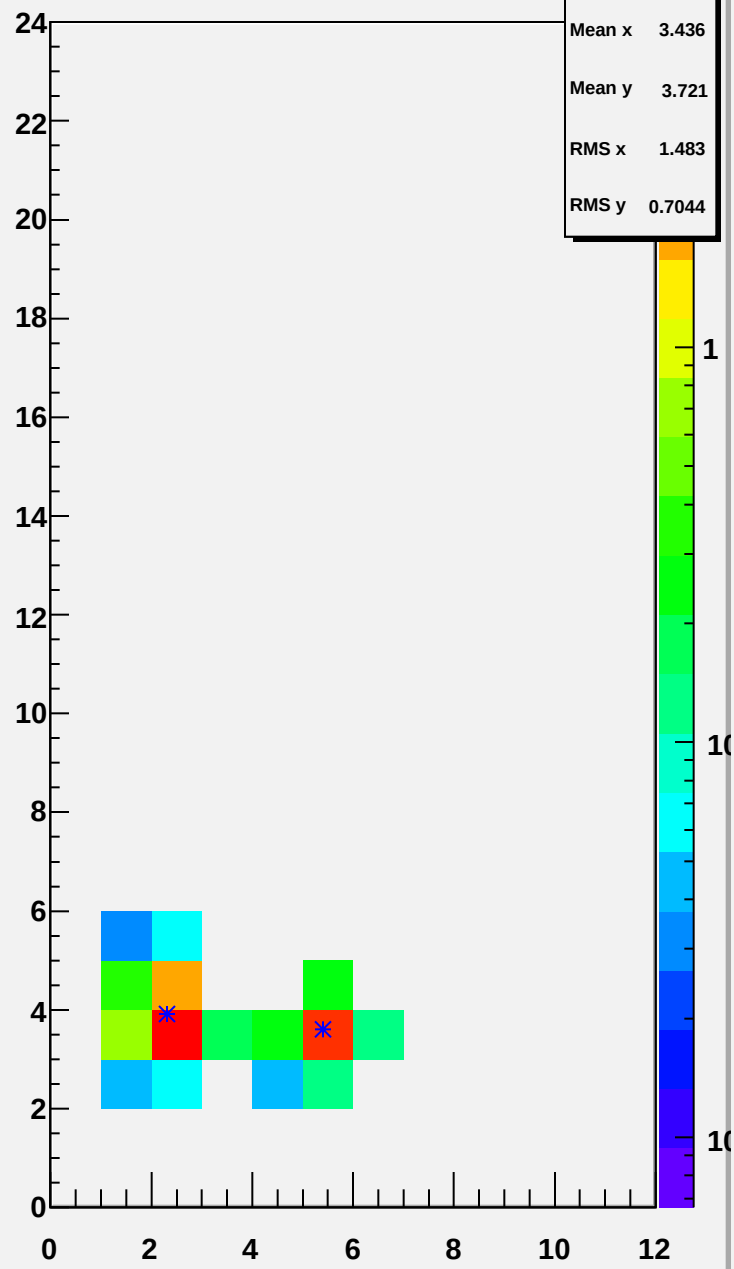
Efit

Entries	288
Mean x	2.28
Mean y	3.574
RMS x	0.504
RMS y	0.7504

NSTB3_r4_c3_En=14.5_m0=0.127 m1=0.127 index=1551



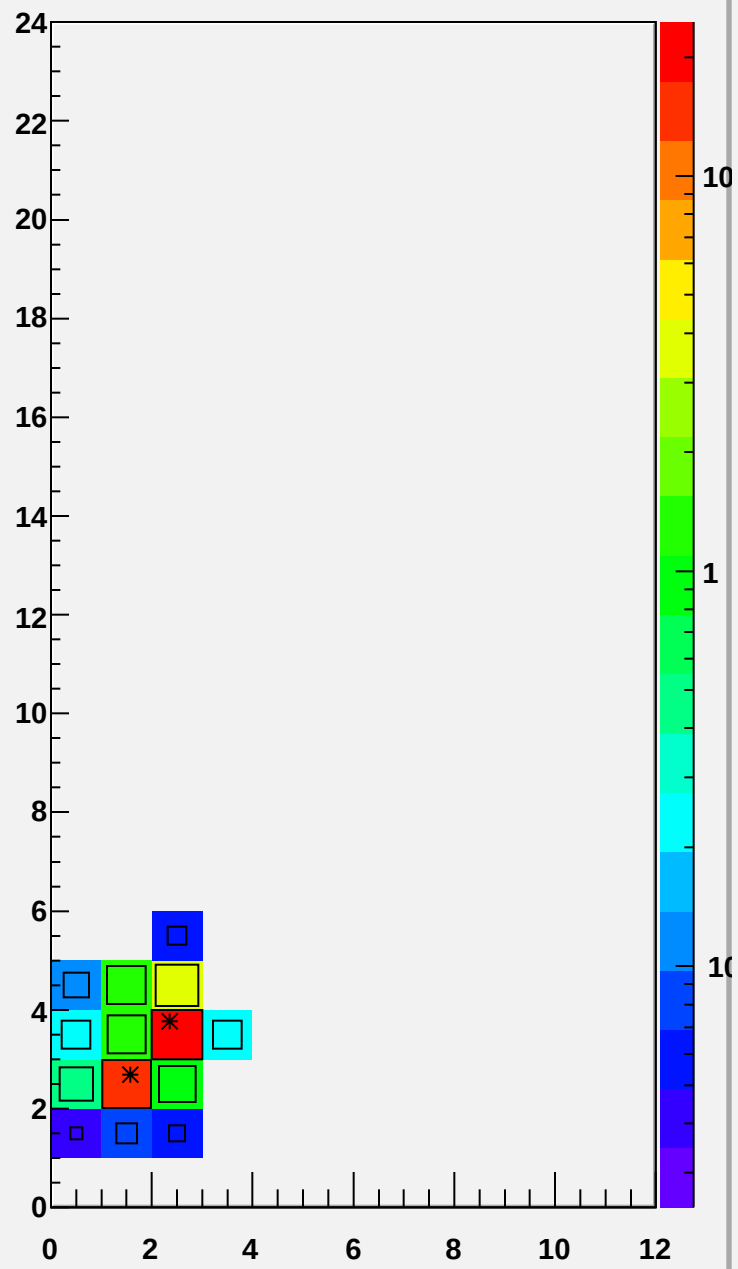
Fitted Energies



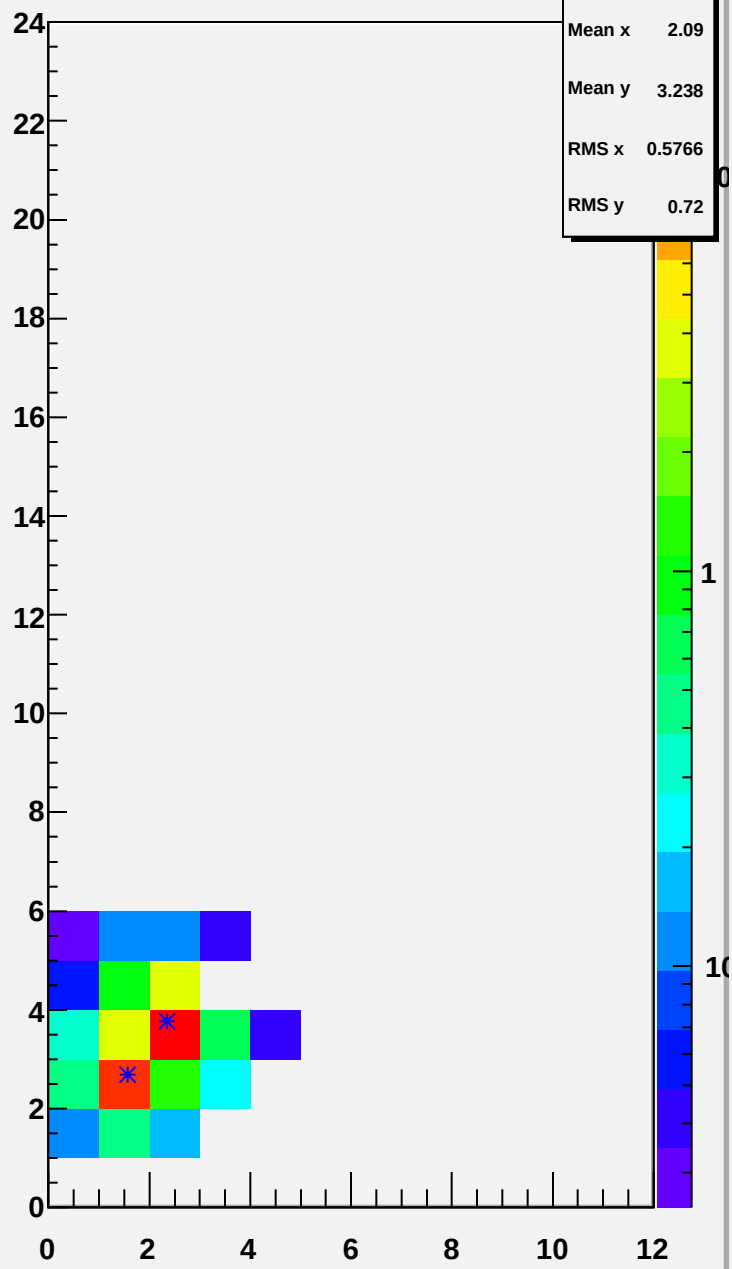
Efit

Entries	288
Mean x	3.436
Mean y	3.721
RMS x	1.483
RMS y	0.7044

NSTB3_r4_c3_En=48.4_m0=0.184 m1=0.183 index=1552



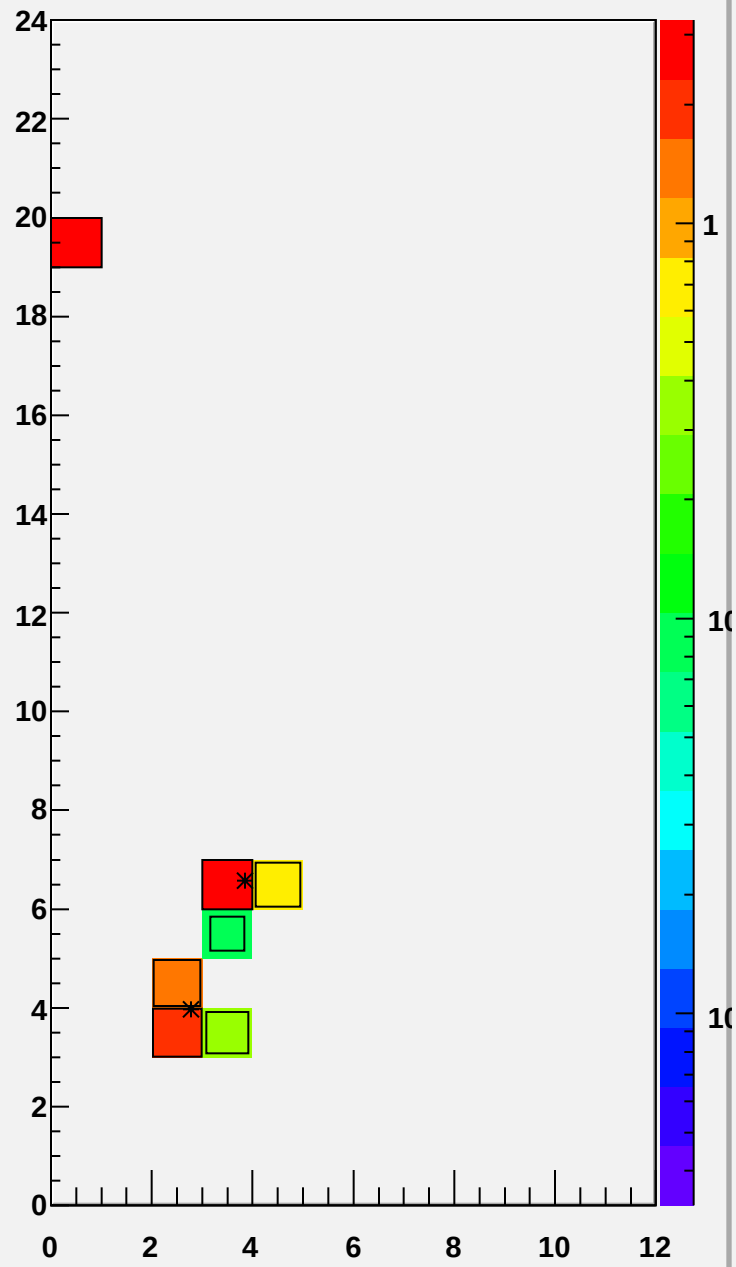
Fitted Energies



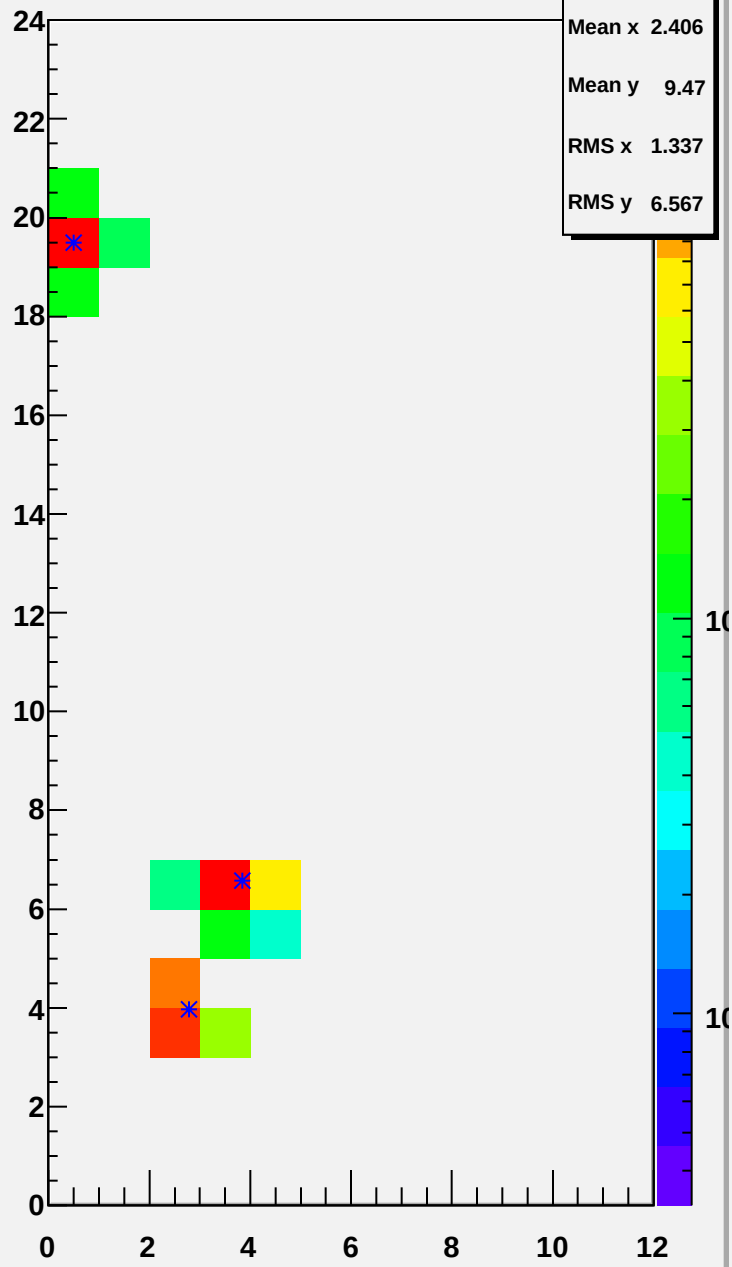
Efit

Entries	288
Mean x	2.09
Mean y	3.238
RMS x	0.5766
RMS y	0.72

NSTB3_r4_c3_En=11.1_m0=0.067 m1=0.067 index=1555



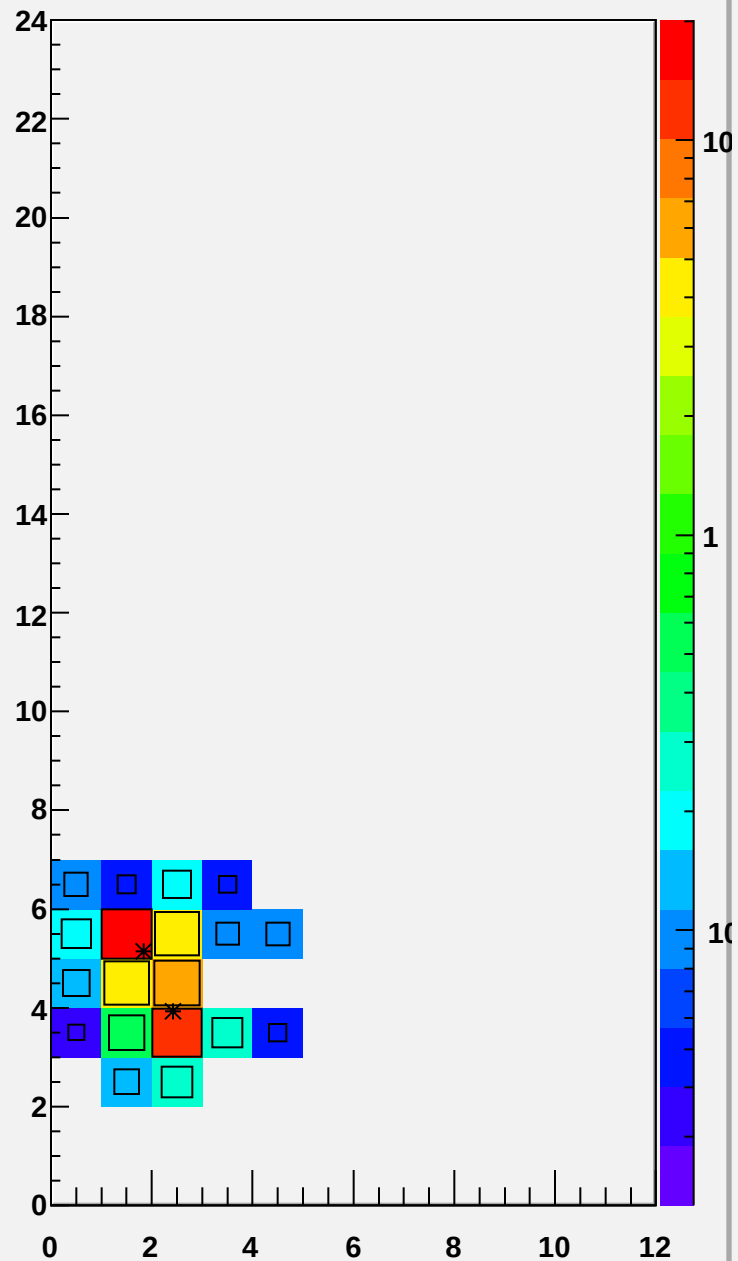
Fitted Energies



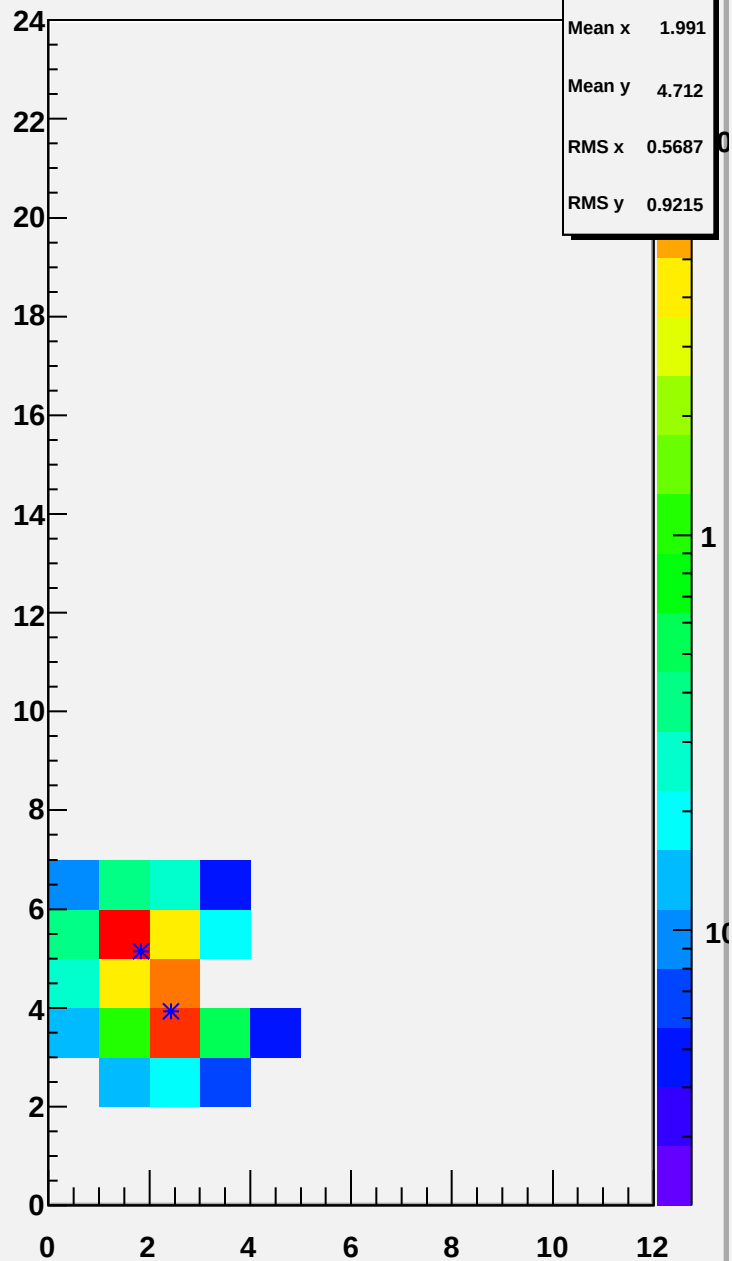
Efit

Entries 288
Mean x 2.406
Mean y 9.47
RMS x 1.337
RMS y 6.567

NSTB3_r4_c3_En=49.4_m0=0.196 m1=0.197 index=1556



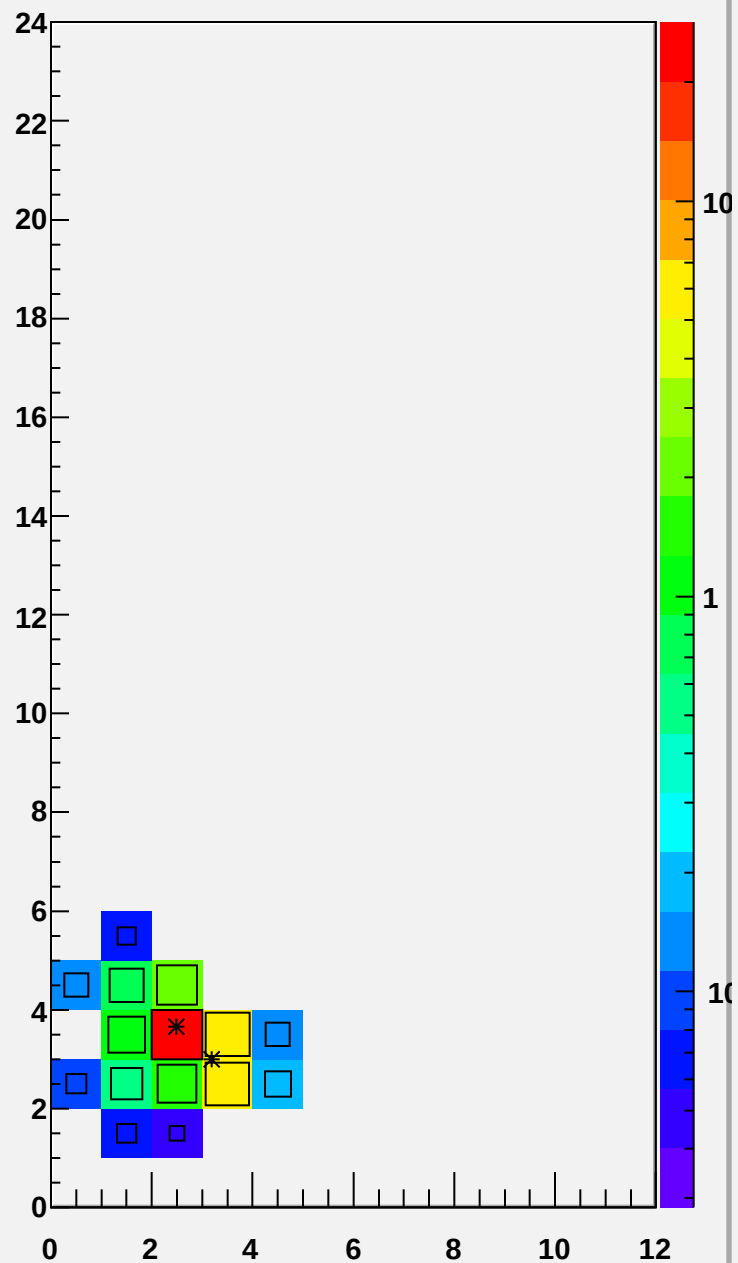
Fitted Energies



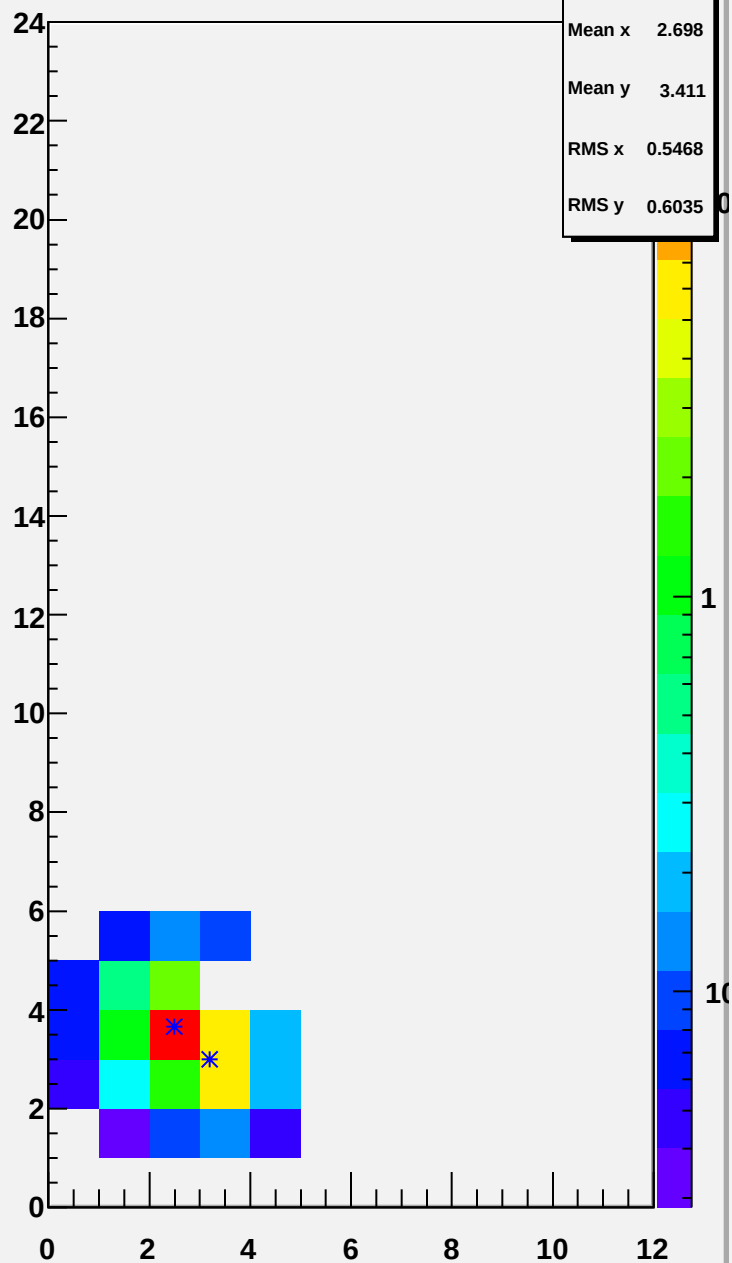
Efit

Entries	288
Mean x	1.991
Mean y	4.712
RMS x	0.5687
RMS y	0.9215

NSTB3_r4_c3_En=46.1_m0=0.109 m1=0.109 index=1557



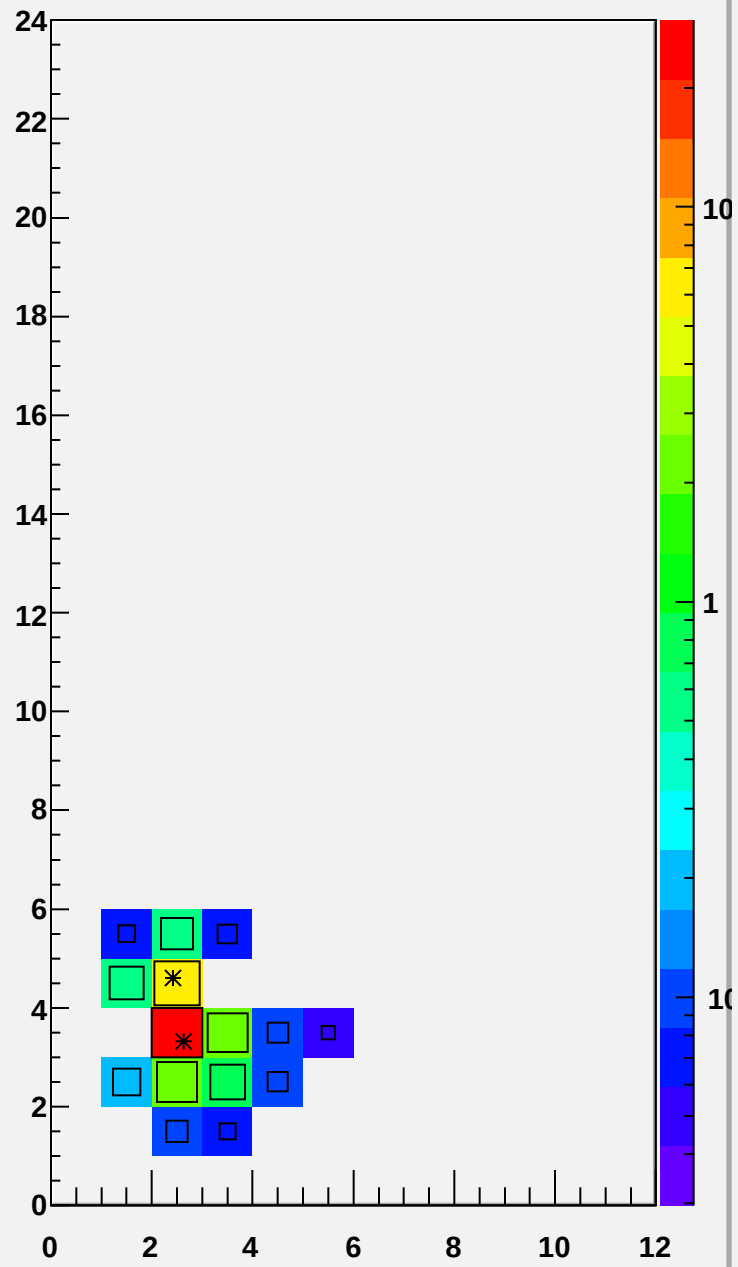
Fitted Energies



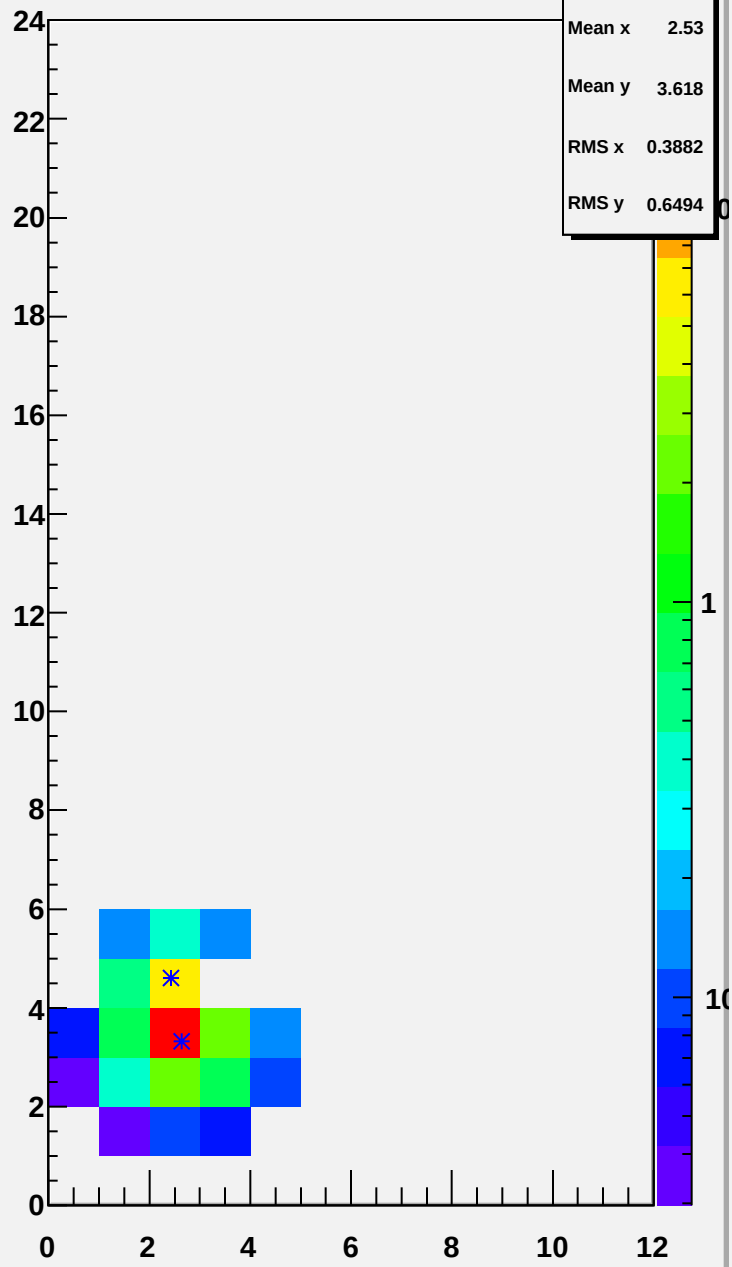
Efit

Entries	288
Mean x	2.698
Mean y	3.411
RMS x	0.5468
RMS y	0.6035

NSTB3_r4_c3_En=44.3_m0=0.122 m1=0.122 index=1560



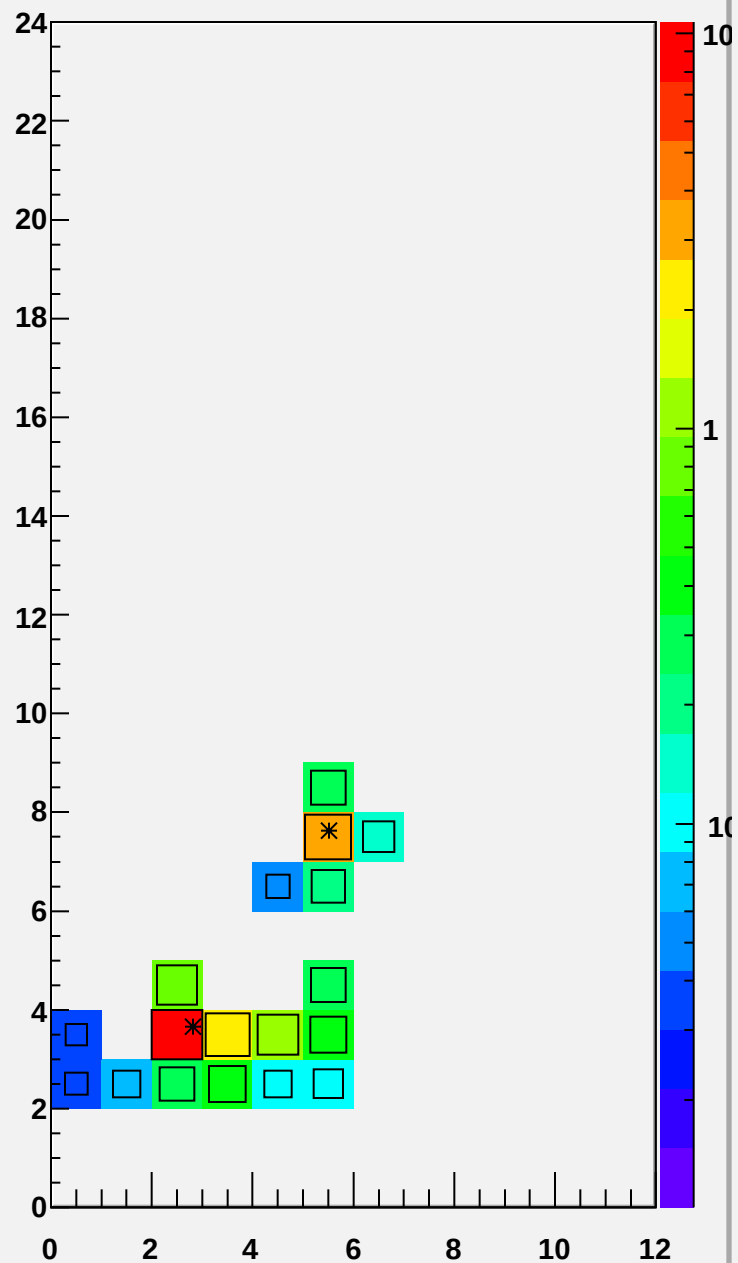
Fitted Energies



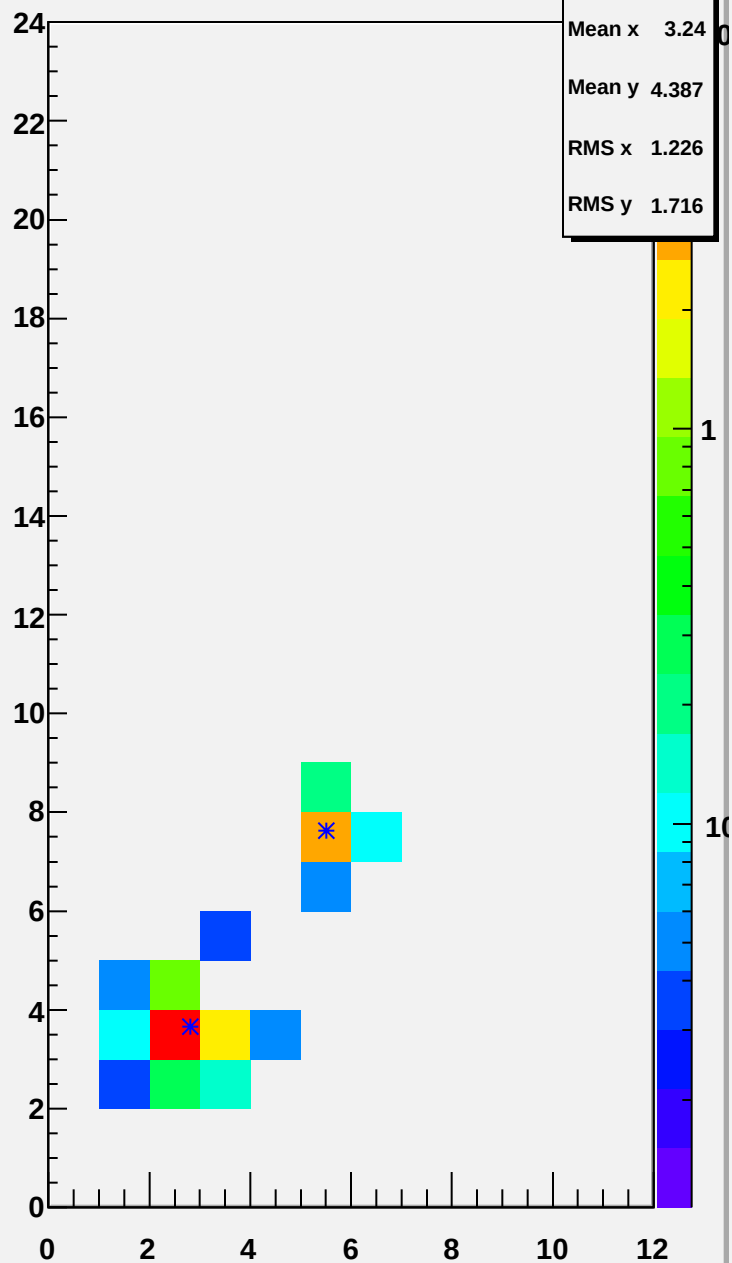
Efit

Entries	288
Mean x	2.53
Mean y	3.618
RMS x	0.3882
RMS y	0.6494

NSTB3_r4_c3_En=20.2_m0=0.206 m1=0.206 index=1561



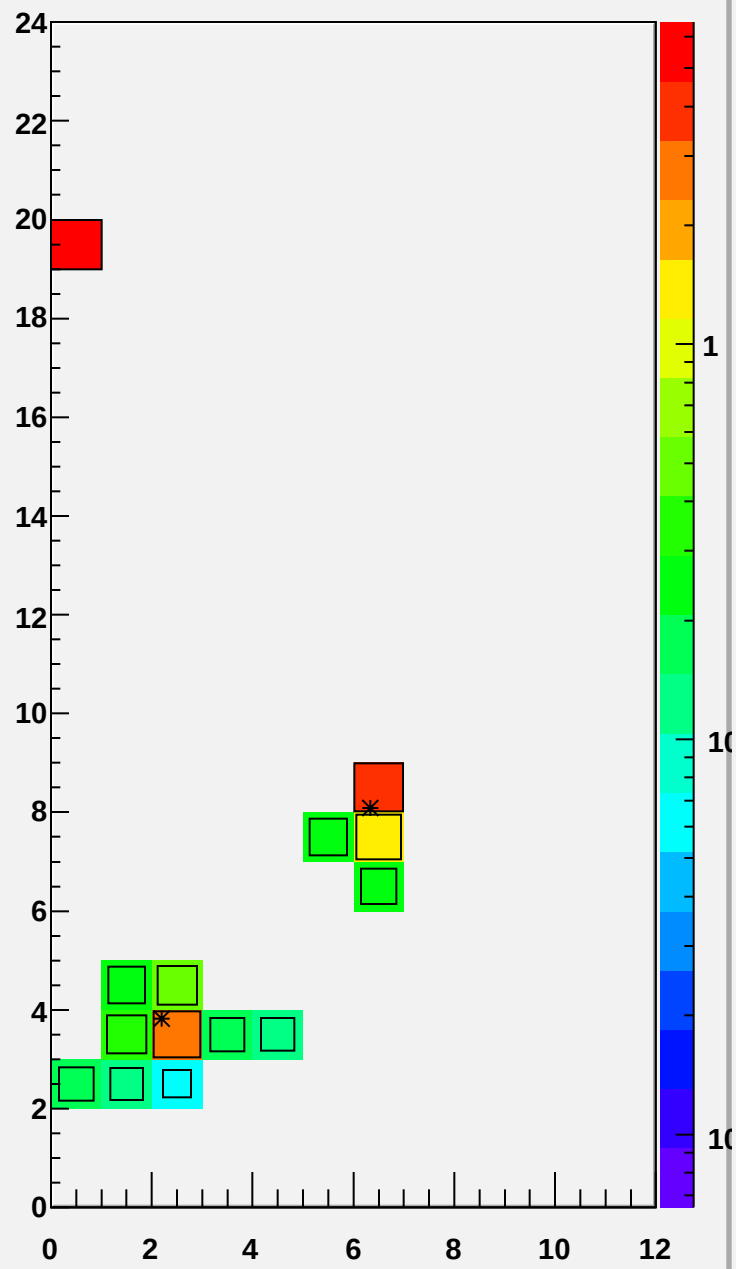
Fitted Energies



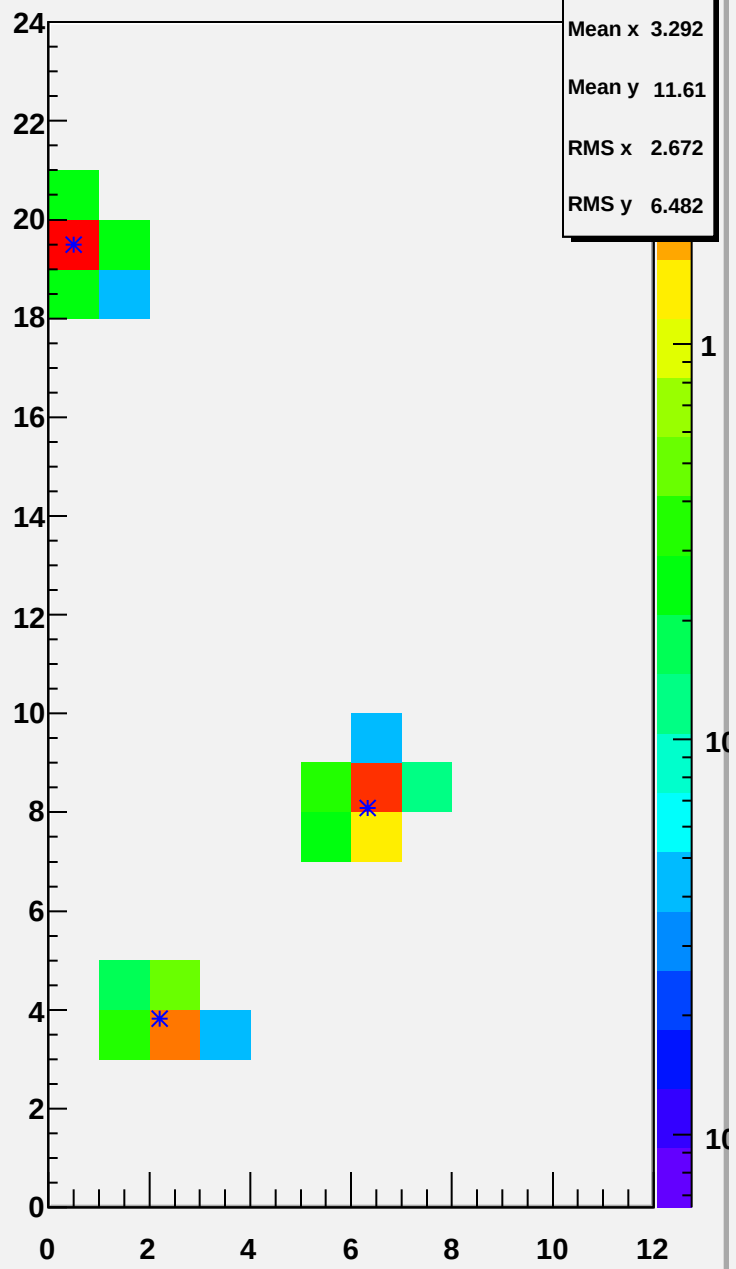
Efit

Entries	288
Mean x	3.24
Mean y	4.387
RMS x	1.226
RMS y	1.716

NSTB3_r4_c3_En=17.5_m0=0.173 m1=0.173 index=1562



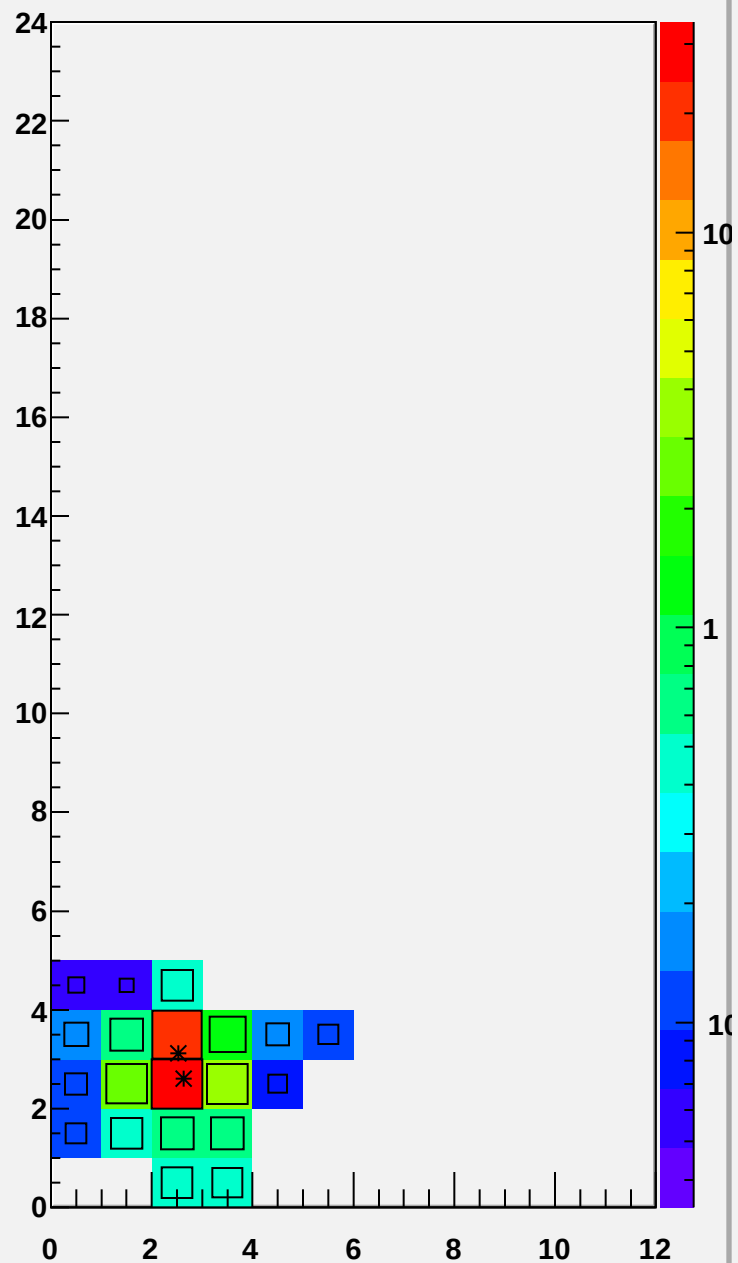
Fitted Energies



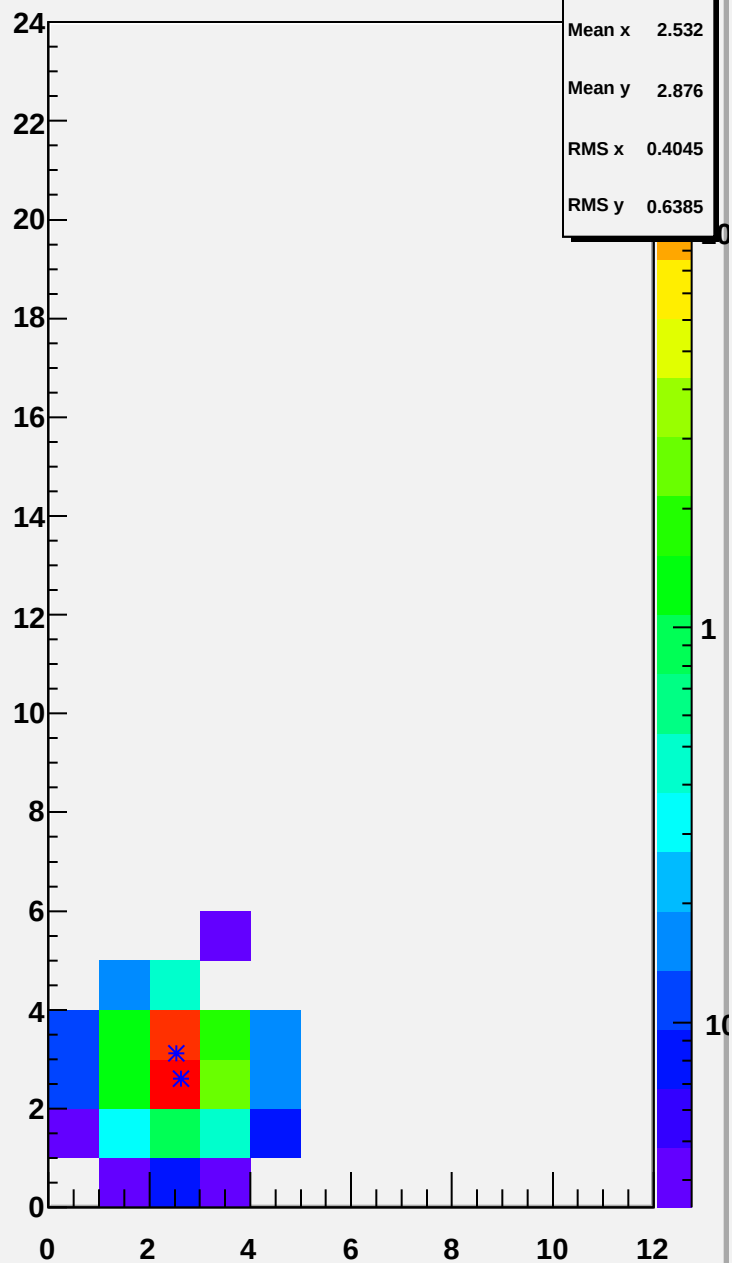
Efit

Entries 288
Mean x 3.292
Mean y 11.61
RMS x 2.672
RMS y 6.482

NSTB3_r4_c3_En=68.3_m0=0.094 m1=0.095 index=1563



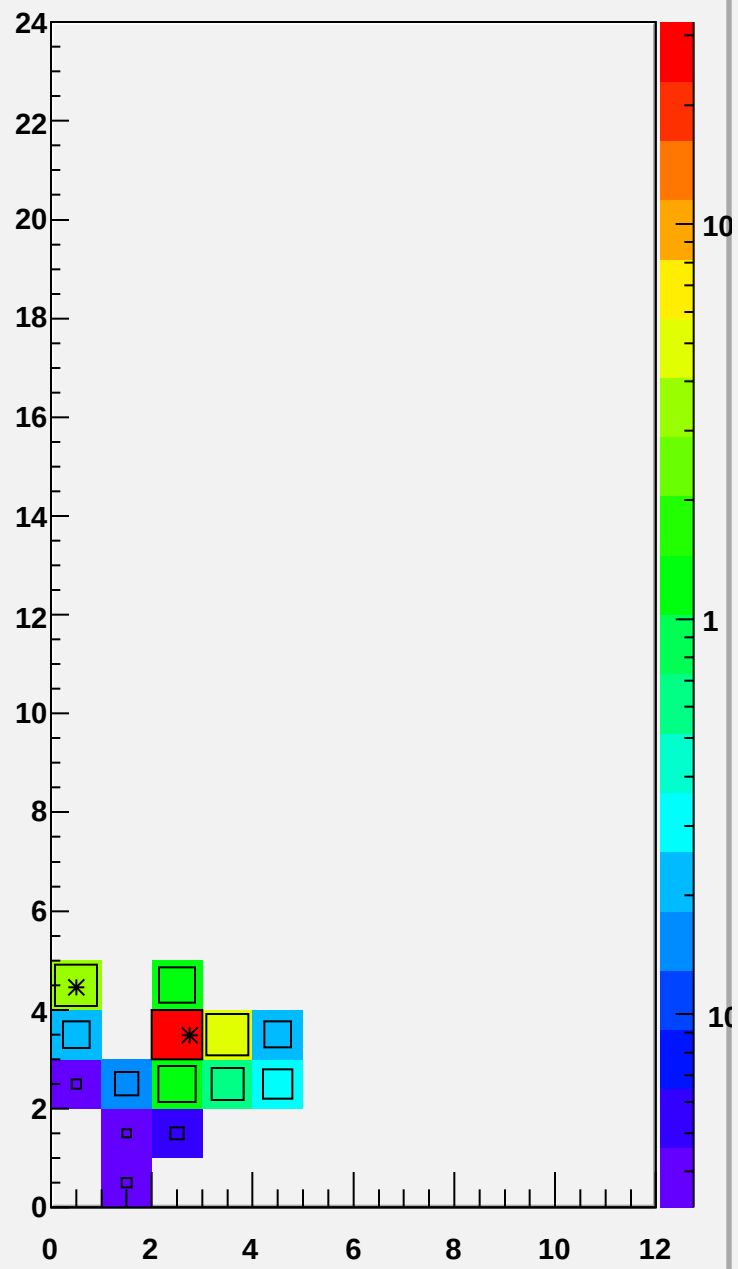
Fitted Energies



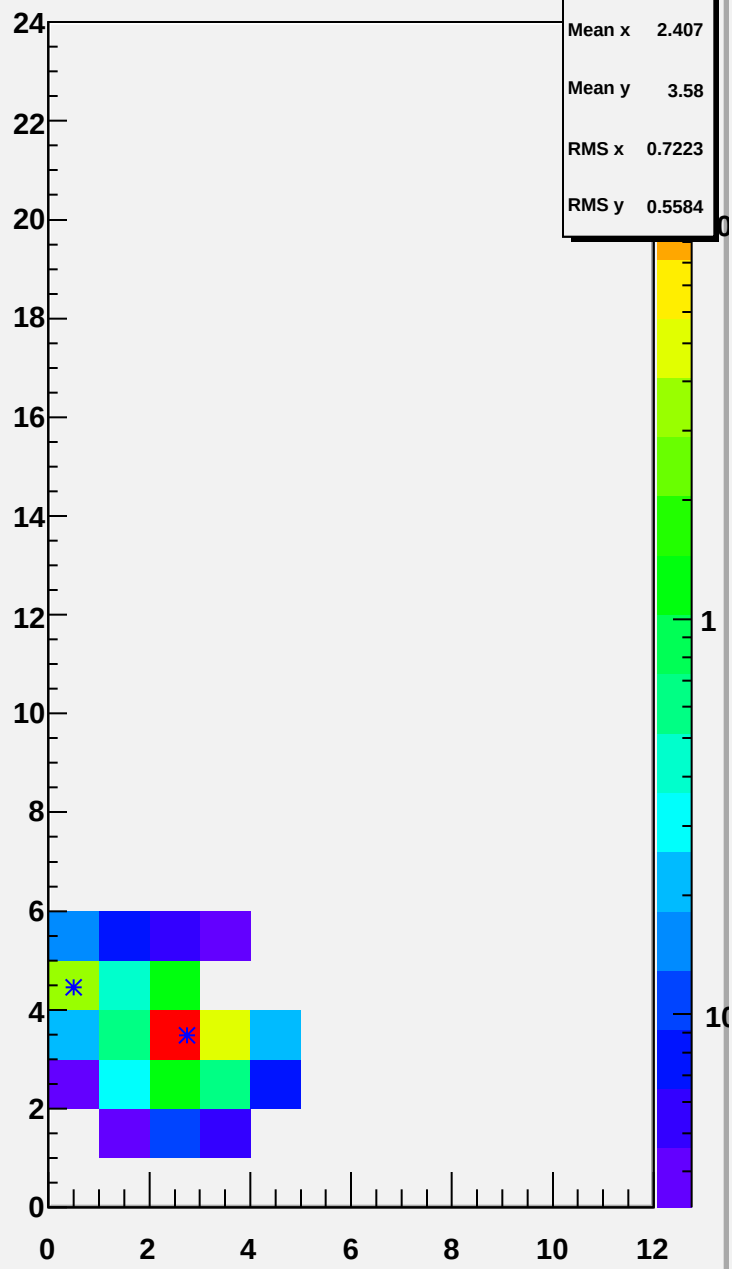
Efit

Entries	288
Mean x	2.532
Mean y	2.876
RMS x	0.4045
RMS y	0.6385

NSTB3_r4_c3_En=44.7_m0=0.185 m1=0.185 index=1564



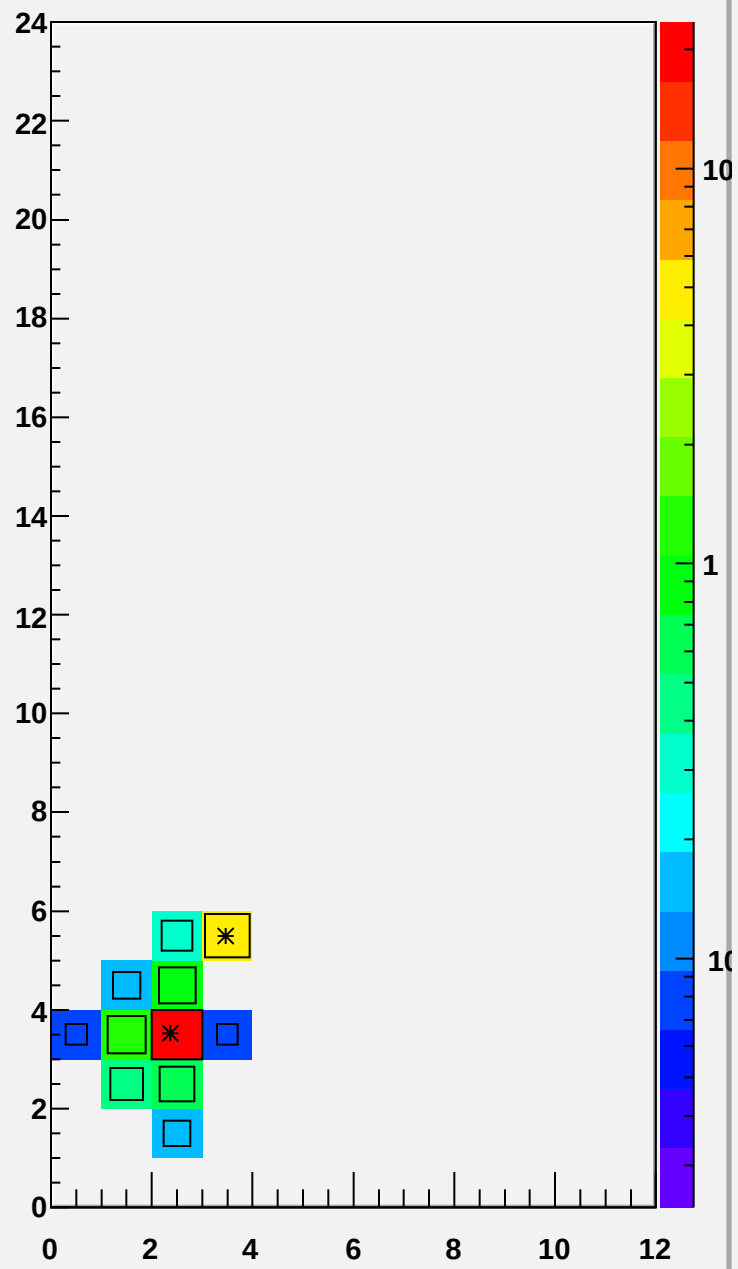
Fitted Energies



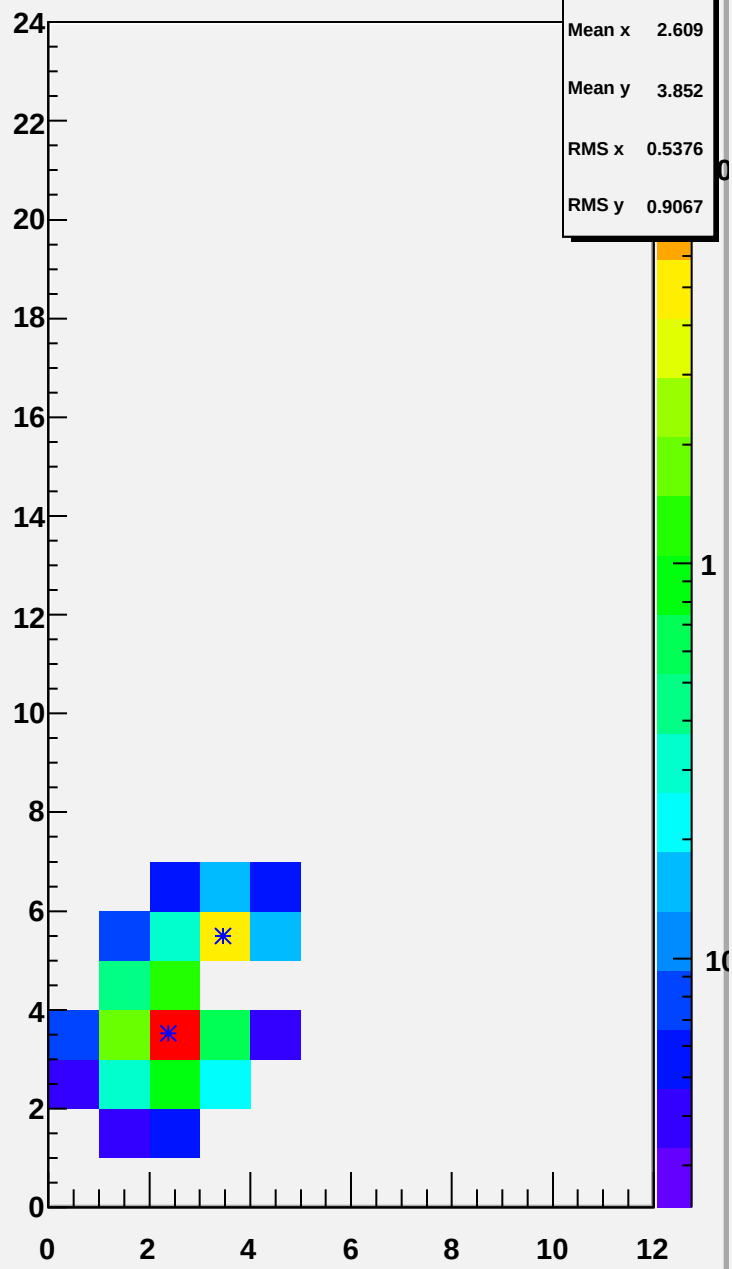
Efit

Entries	288
Mean x	2.407
Mean y	3.58
RMS x	0.7223
RMS y	0.5584

NSTB3_r4_c3_En=32.6_m0=0.164 m1=0.164 index=1565



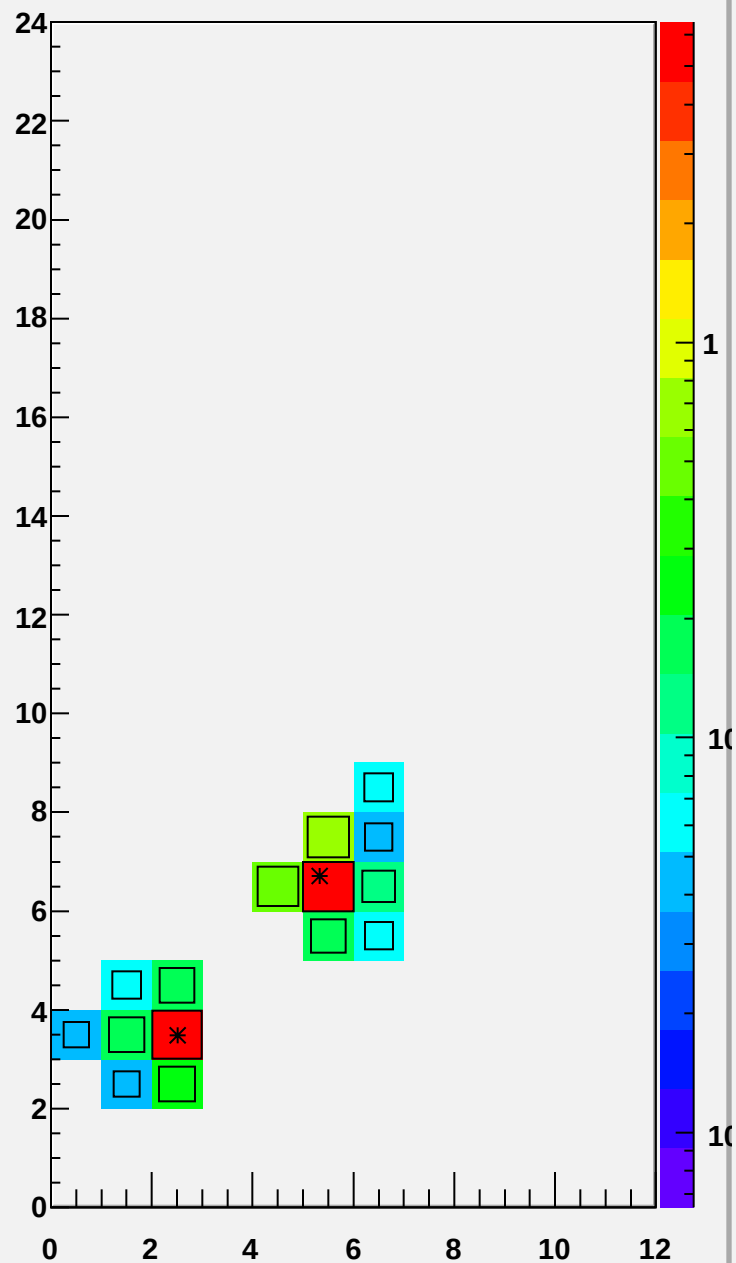
Fitted Energies



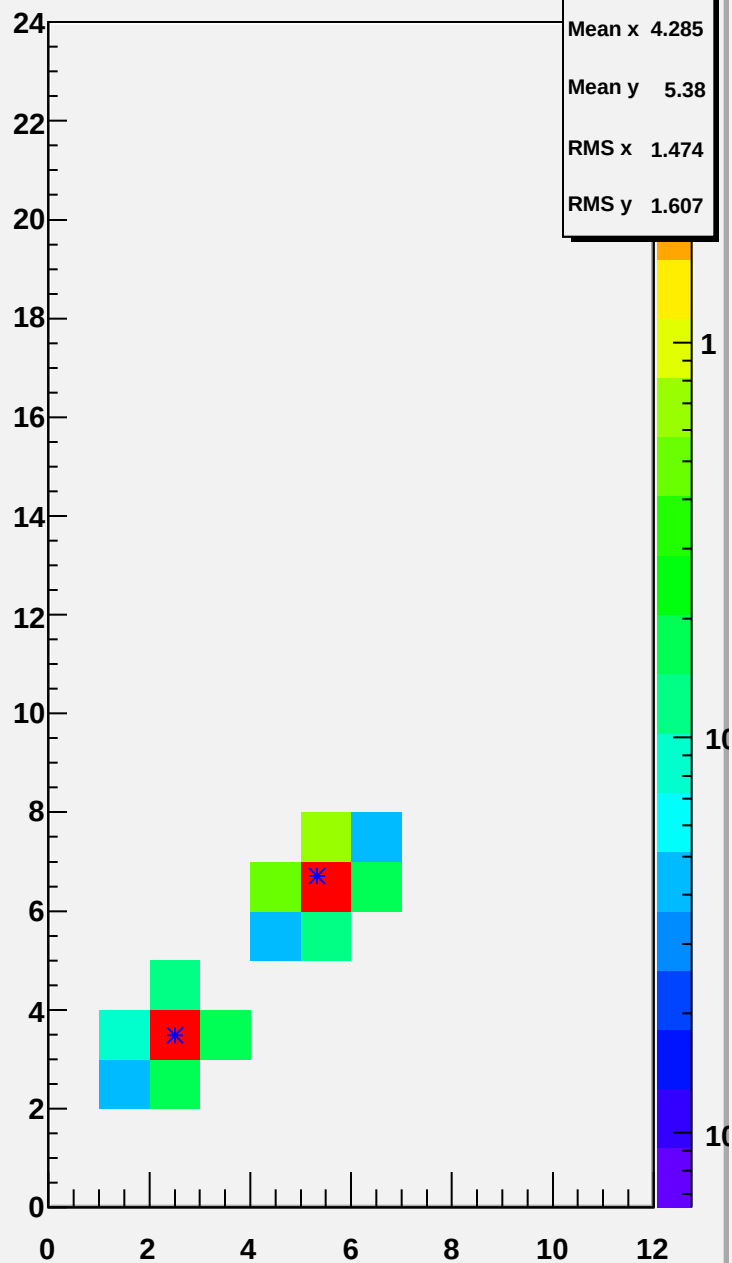
Efit

Entries	288
Mean x	2.609
Mean y	3.852
RMS x	0.5376
RMS y	0.9067

NSTB3_r4_c3_En=13.4_m0=0.162 m1=0.162 index=1567



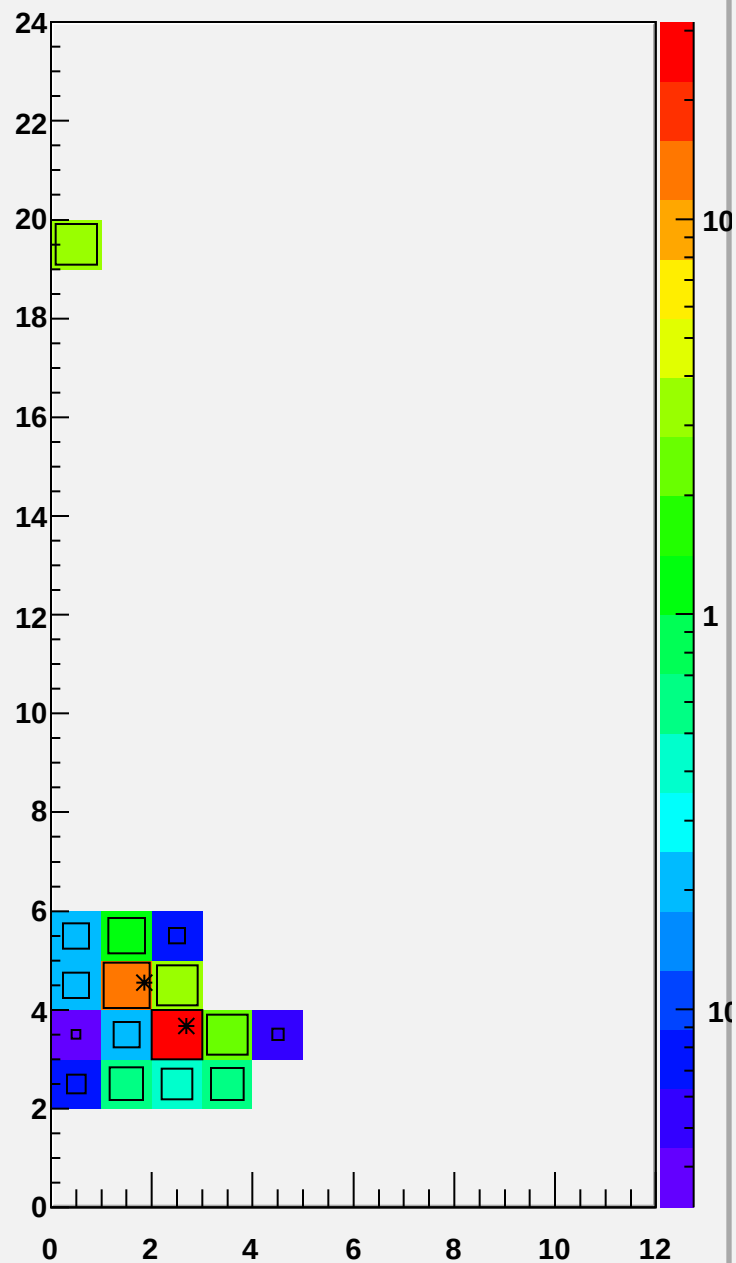
Fitted Energies



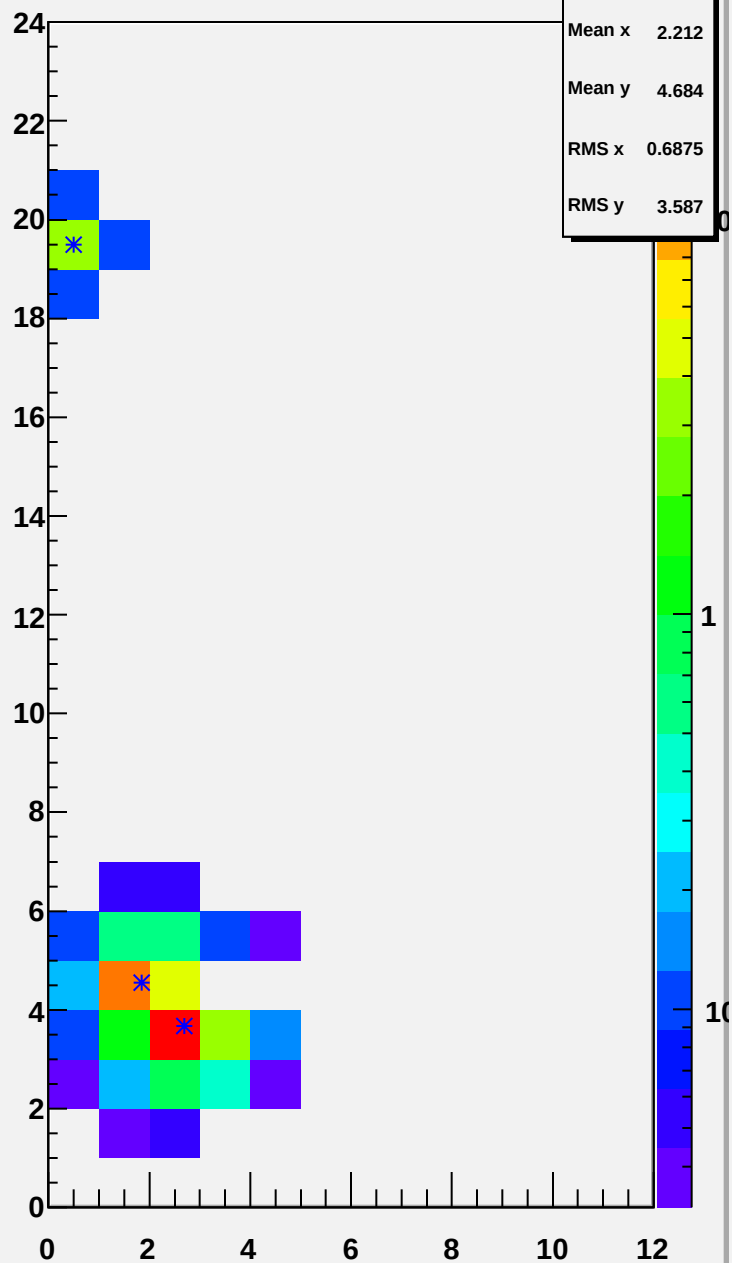
Efit

Entries 288
Mean x 4.285
Mean y 5.38
RMS x 1.474
RMS y 1.607

NSTB3_r4_c3_En=55.3_m0=0.171 m1=0.171 index=1570



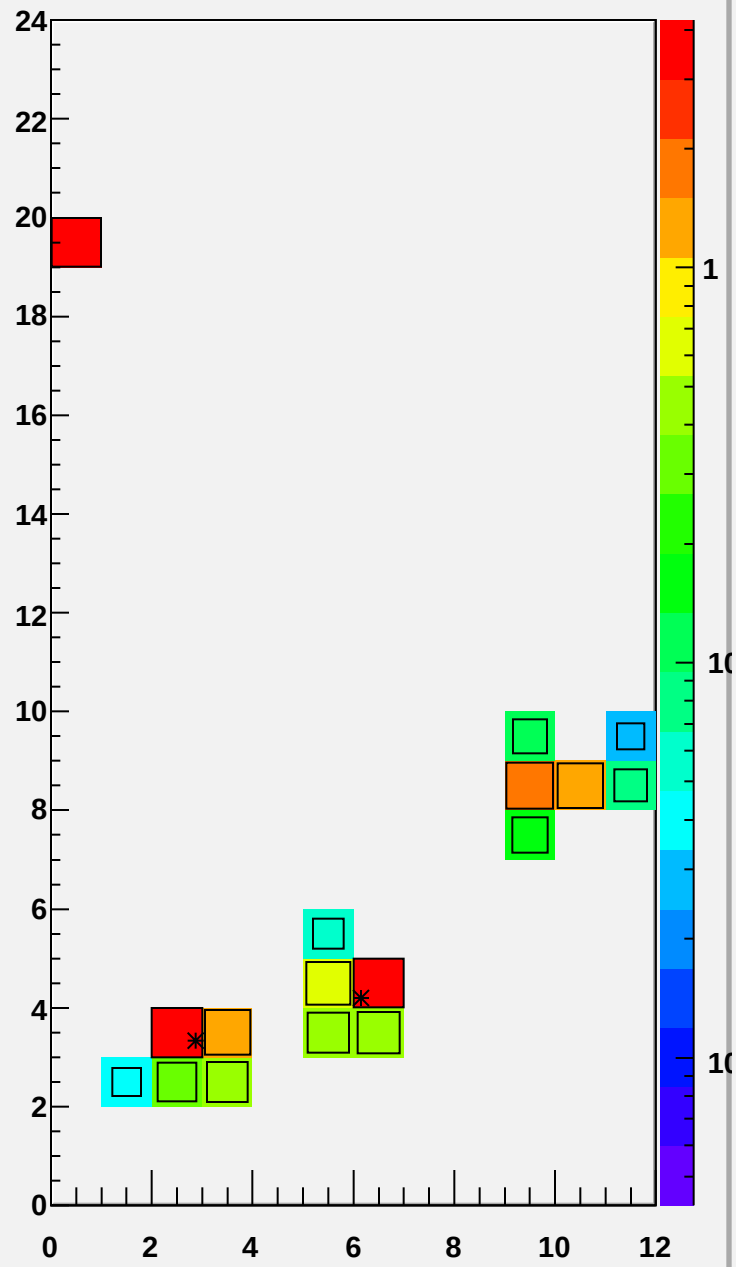
Fitted Energies



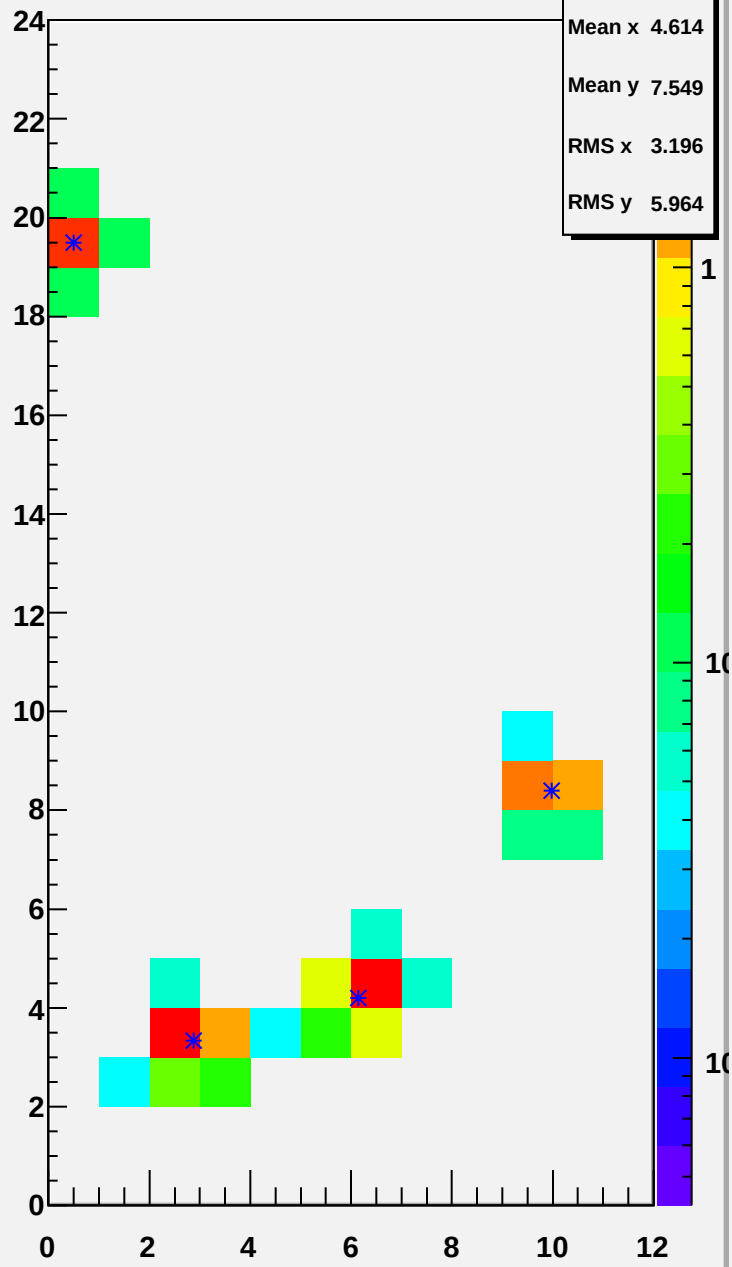
Efit

Entries	288
Mean x	2.212
Mean y	4.684
RMS x	0.6875
RMS y	3.587

NSTB3_r4_c3_En=17.6_m0=0.107_m1=0.107_index=1571



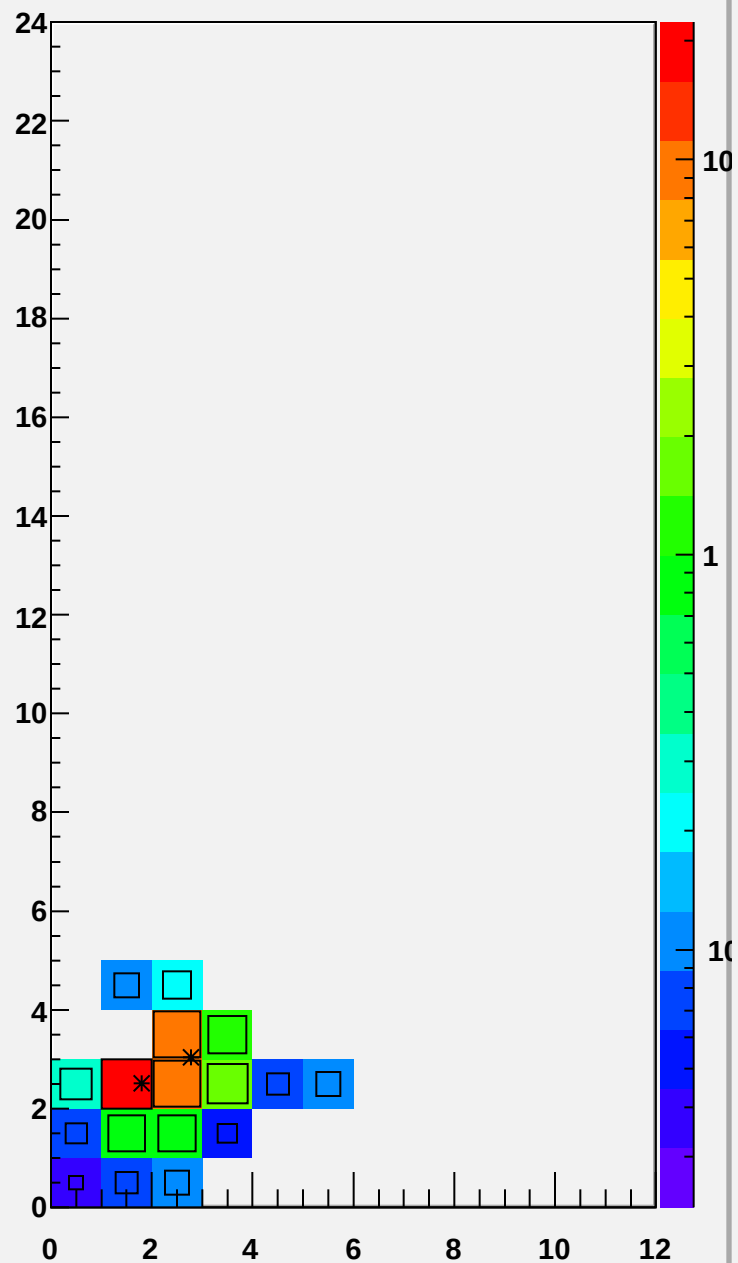
Fitted Energies



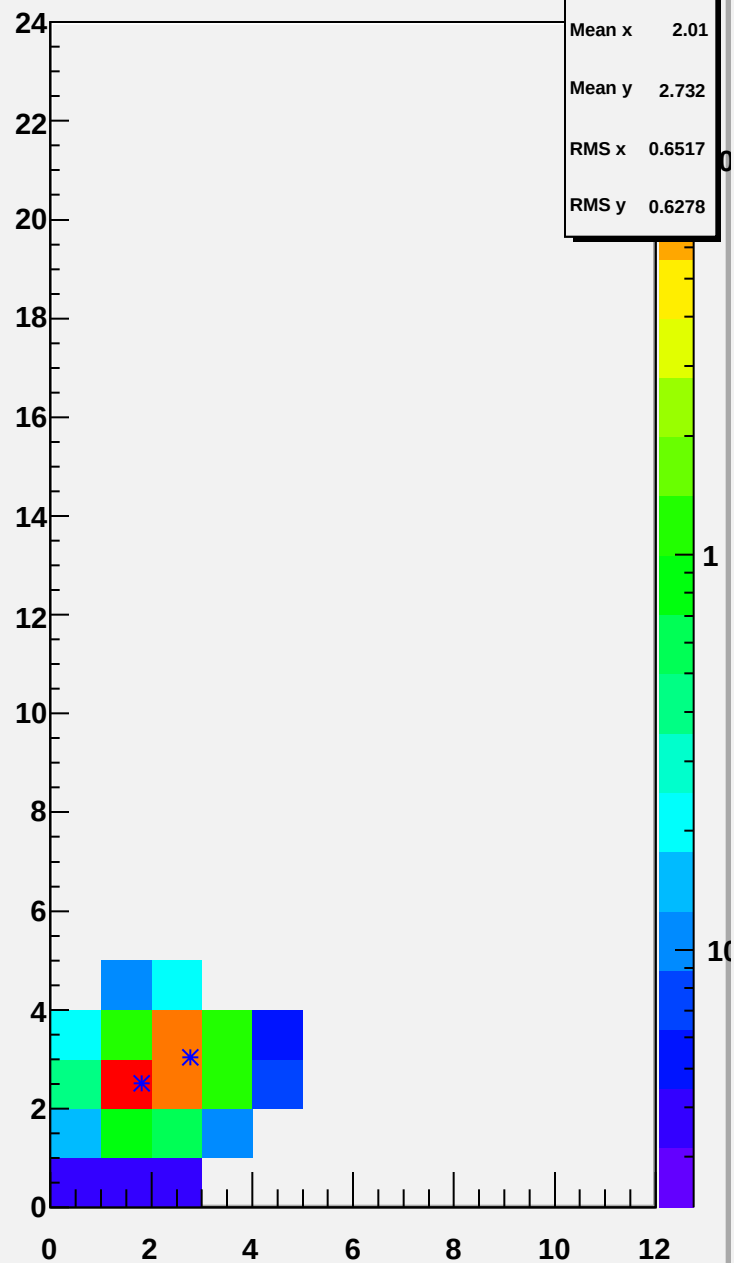
Efit

Entries 288
Mean x 4.614
Mean y 7.549
RMS x 3.196
RMS y 5.964

NSTB3_r4_c3_En=46.0_m0=0.136 m1=0.136 index=1572



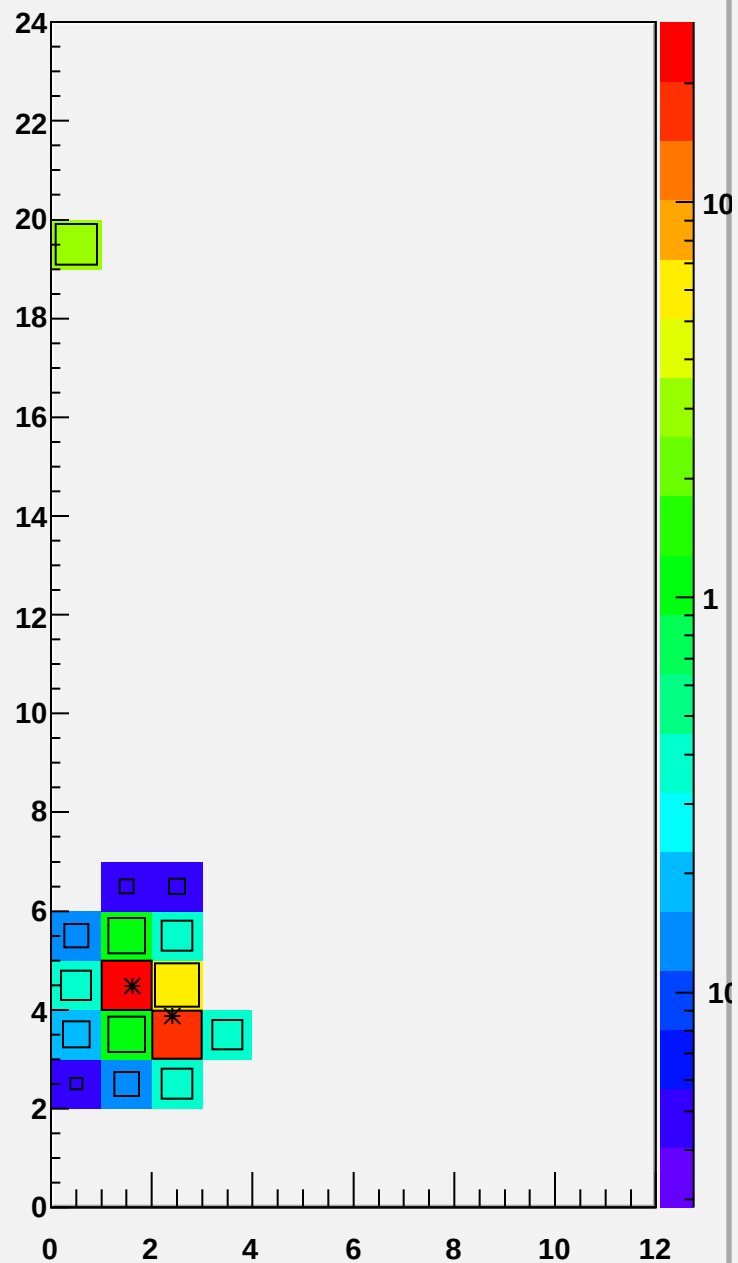
Fitted Energies



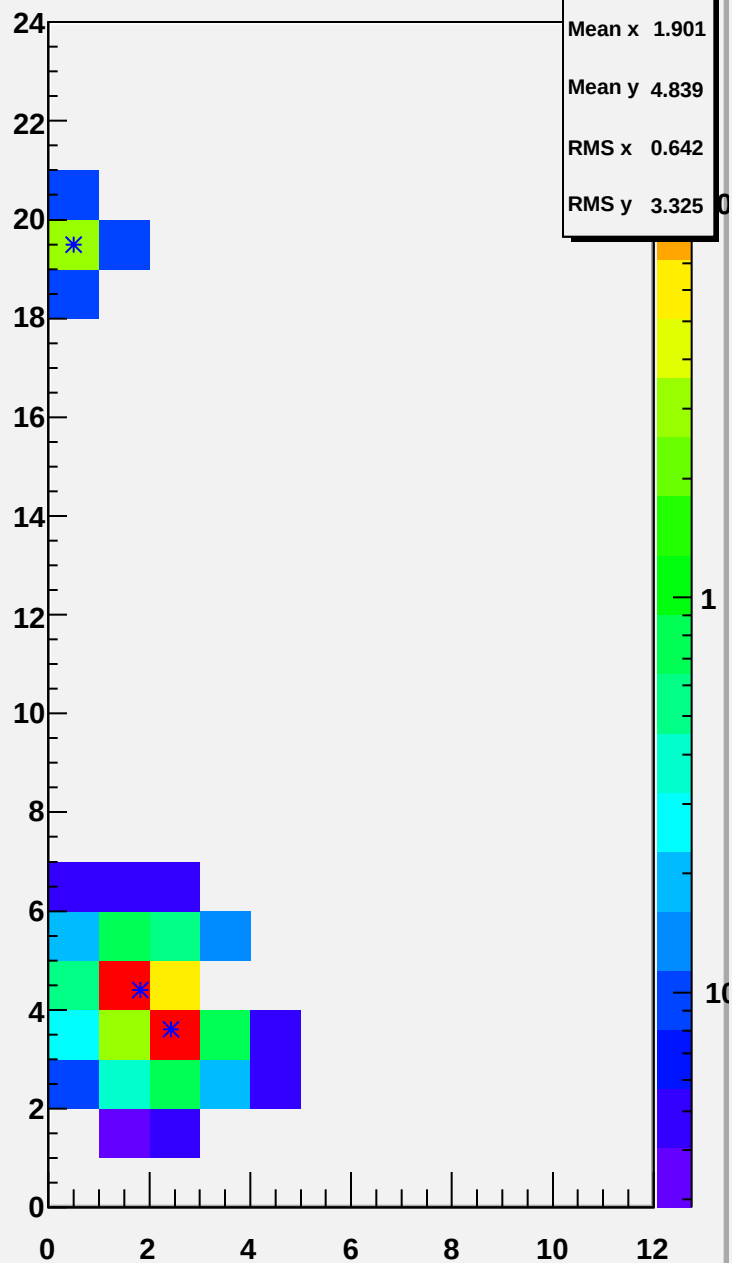
Efit

Entries	288
Mean x	2.01
Mean y	2.732
RMS x	0.6517
RMS y	0.6278

NSTB3_r4_c3_En=61.6_m0=0.174 m1=0.170 index=1574



Fitted Energies



Efit

Entries 288

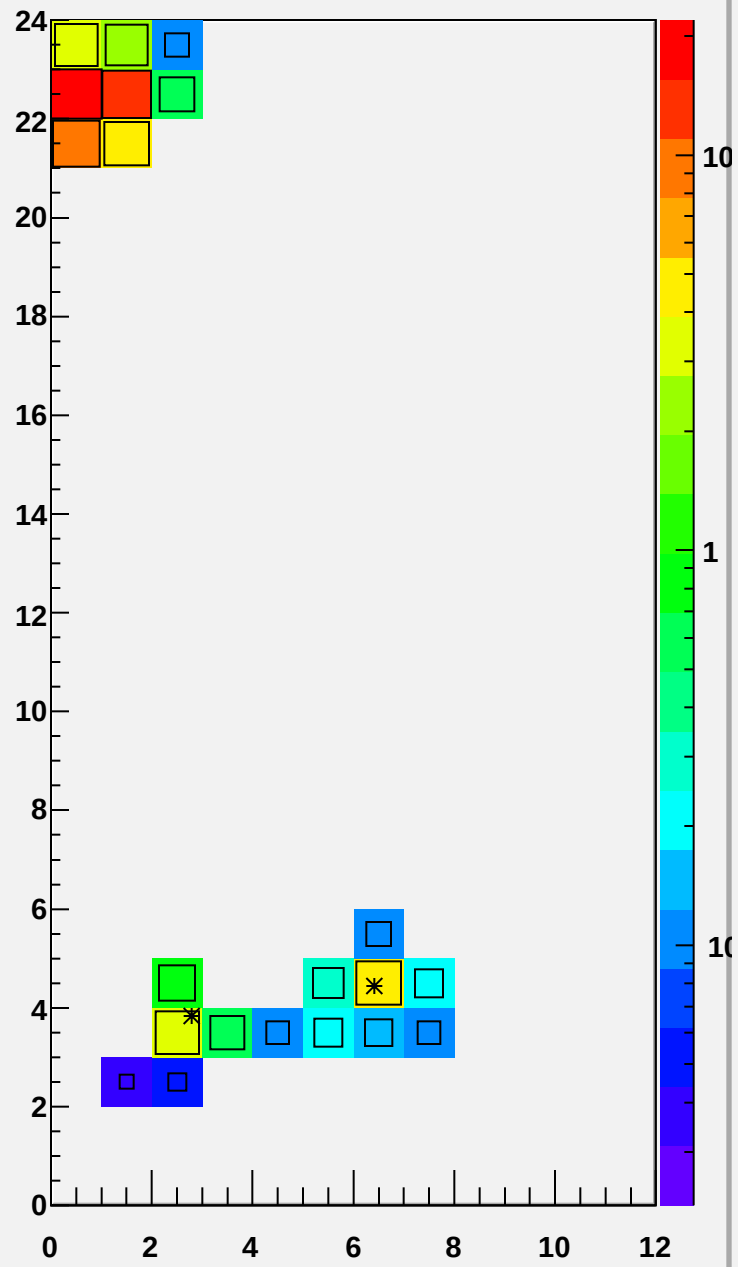
Mean x 1.901

Mean y 4.839

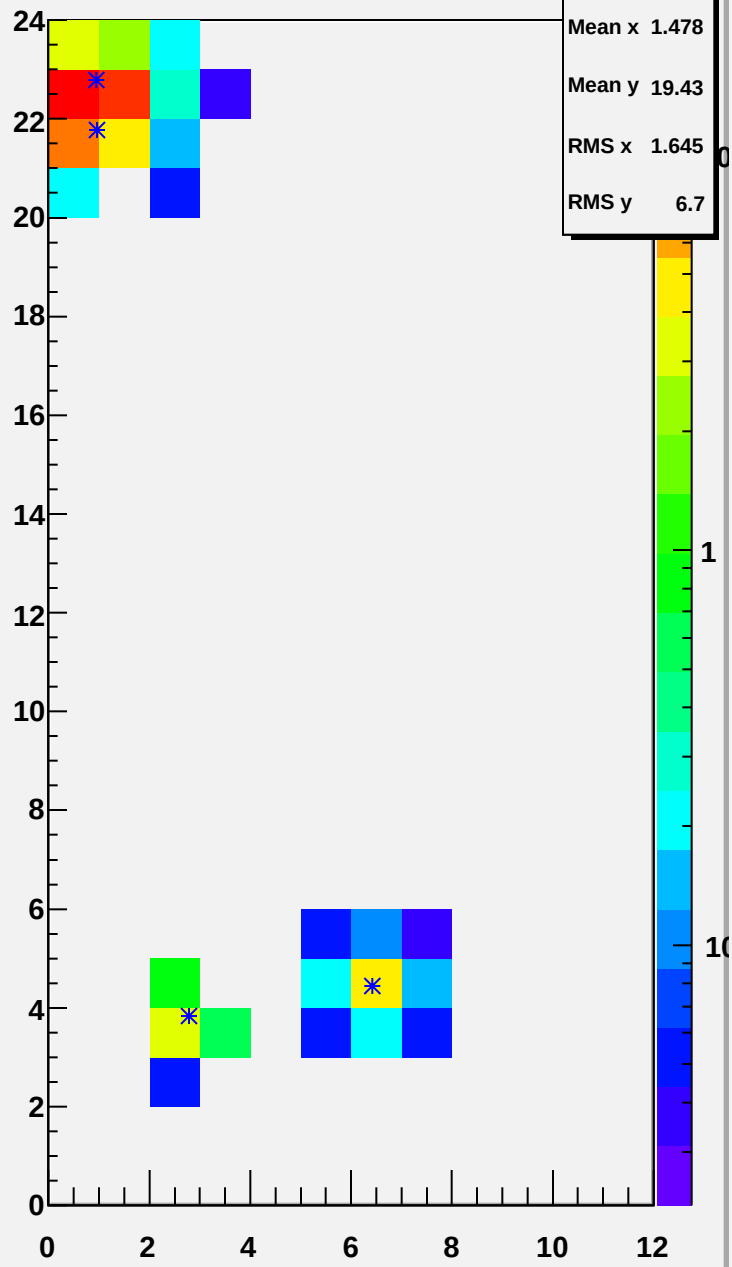
RMS x 0.642

RMS y 3.325

NSTB3_r4_c3_En=64.5_m0=0.109 m1=0.109 index=1575



Fitted Energies



Efit

Entries 288

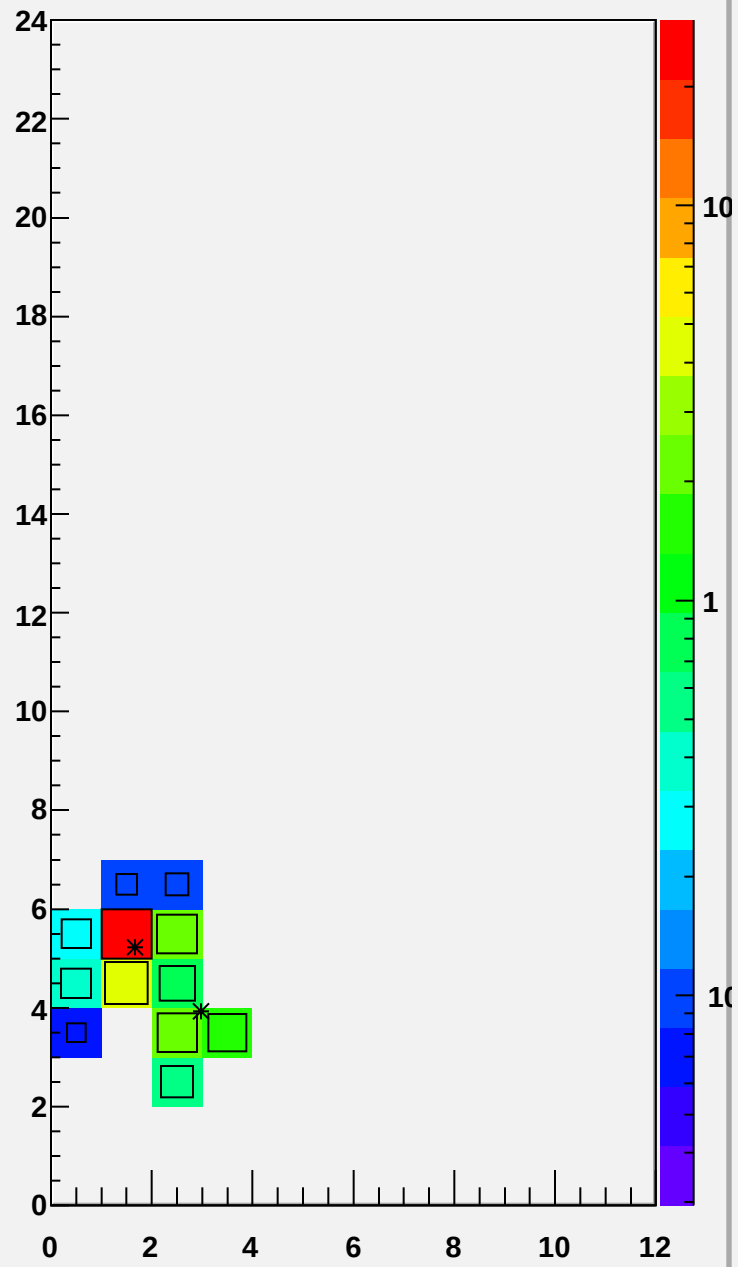
Mean x 1.478

Mean y 19.43

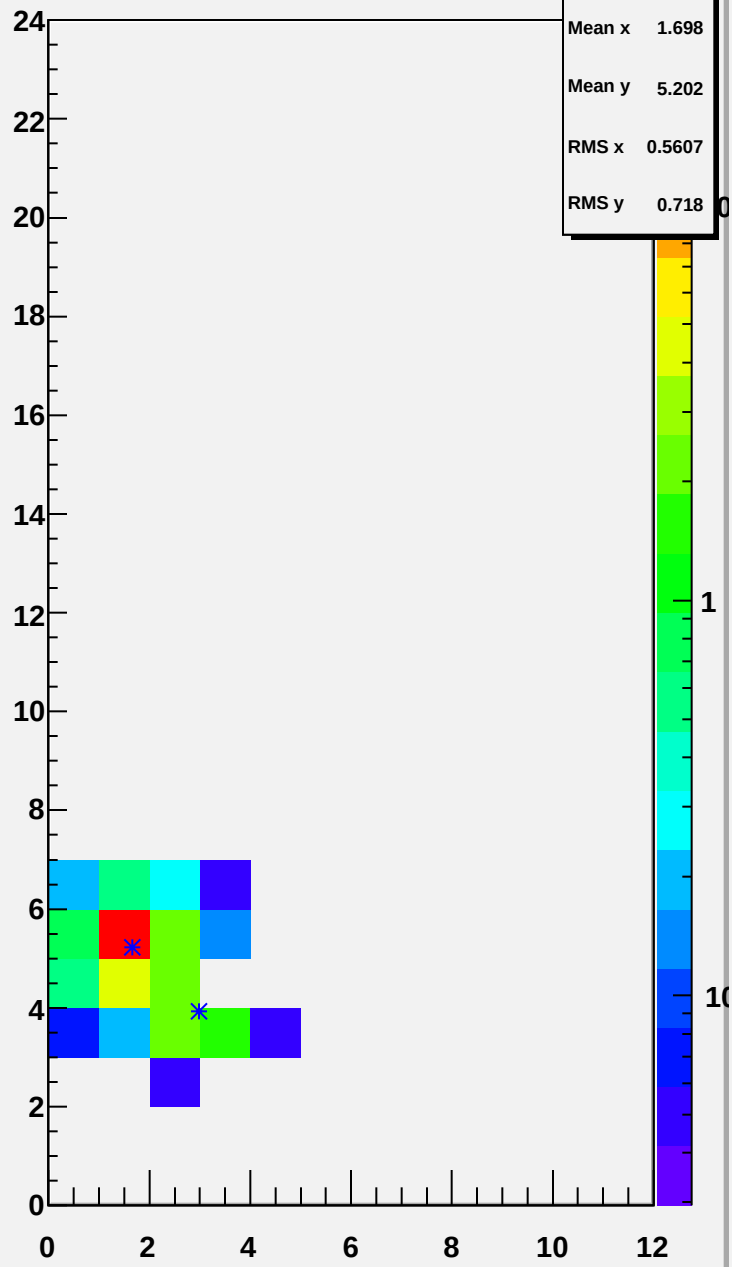
RMS x 1.645

RMS y 6.7

NSTB3_r4_c3_En=41.3_m0=0.146 m1=0.145 index=1578



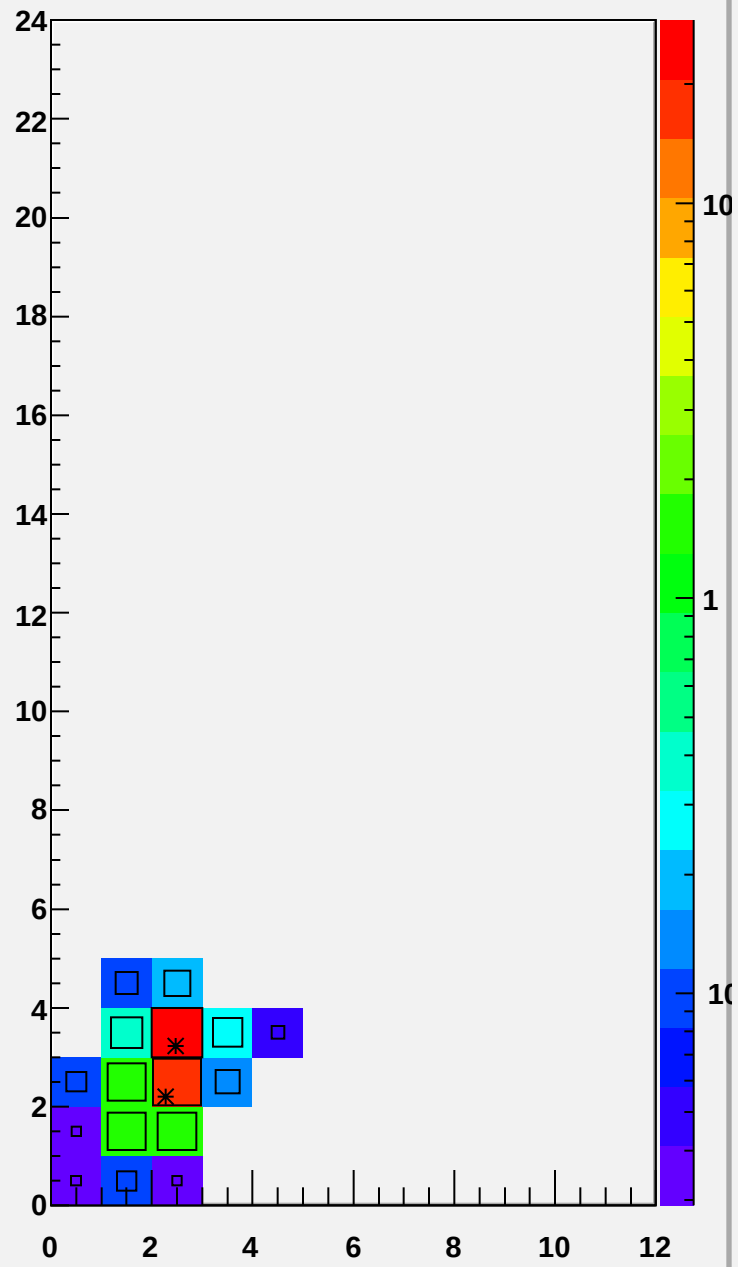
Fitted Energies



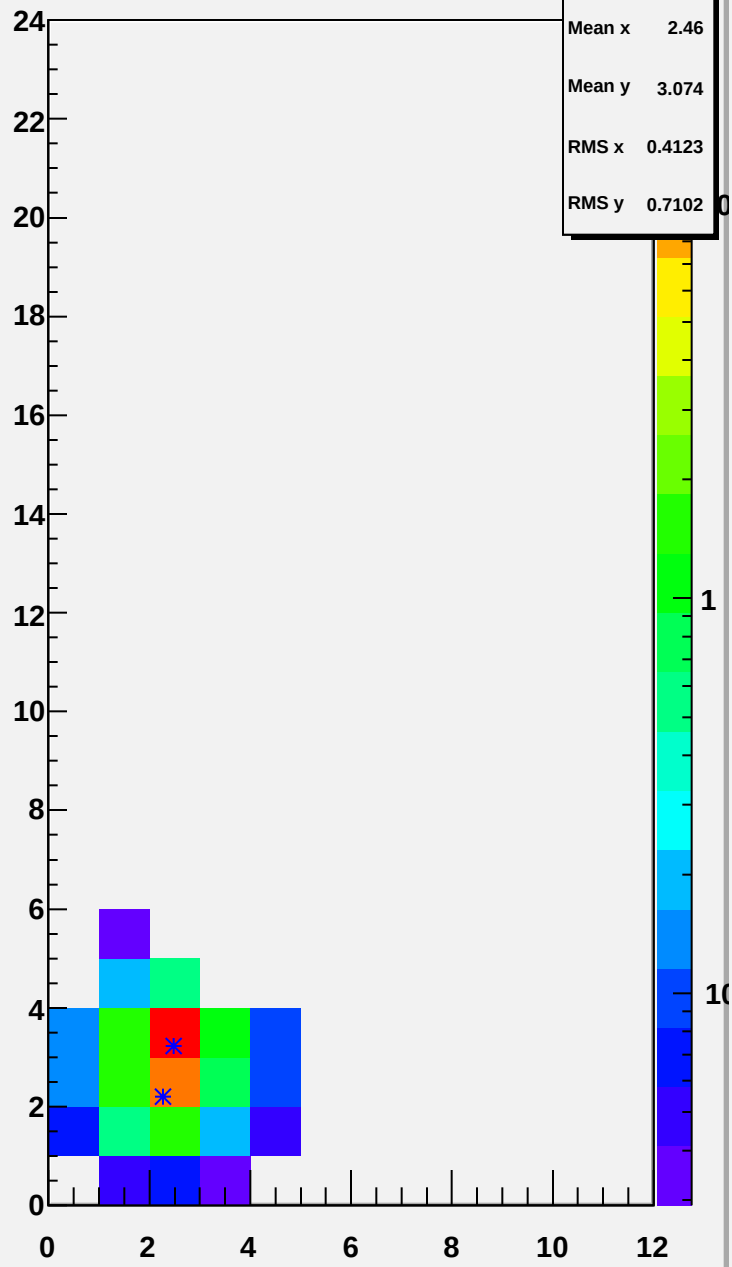
Efit

Entries	288
Mean x	1.698
Mean y	5.202
RMS x	0.5607
RMS y	0.718

NSTB3_r4_c3_En=50.0_m0=0.129 m1=0.129 index=1580



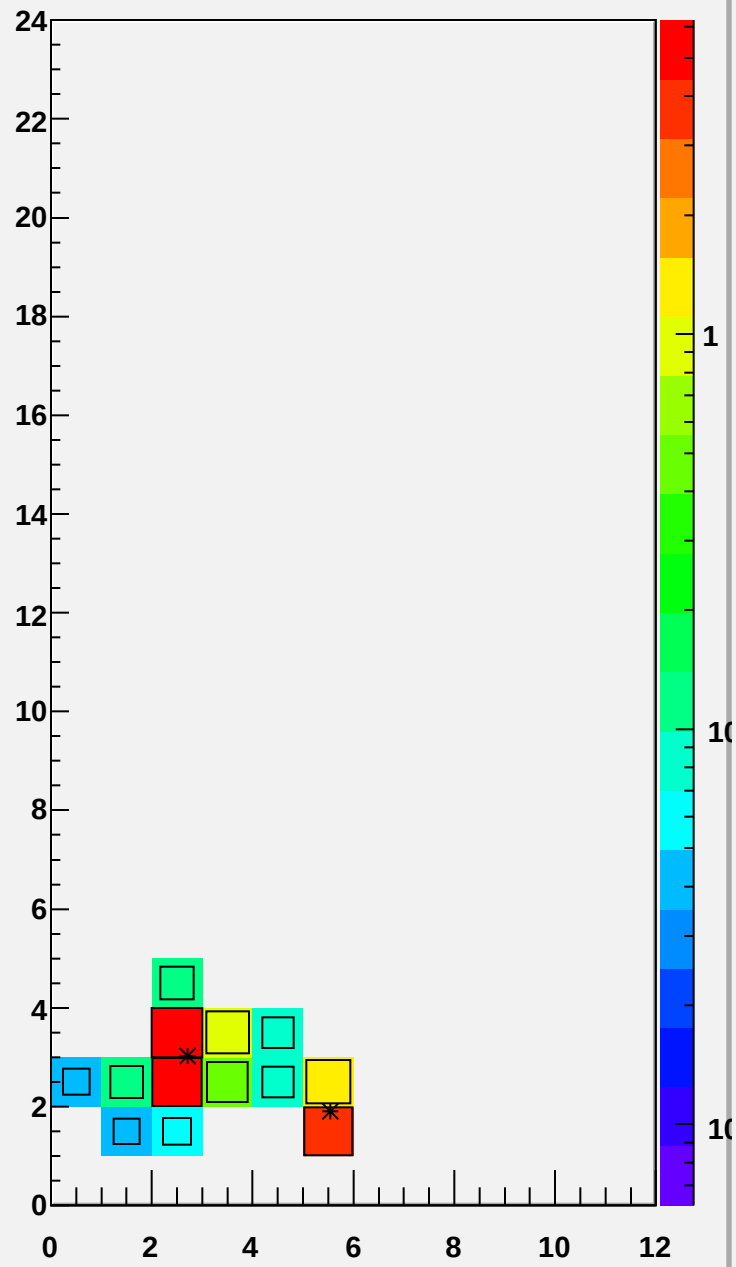
Fitted Energies



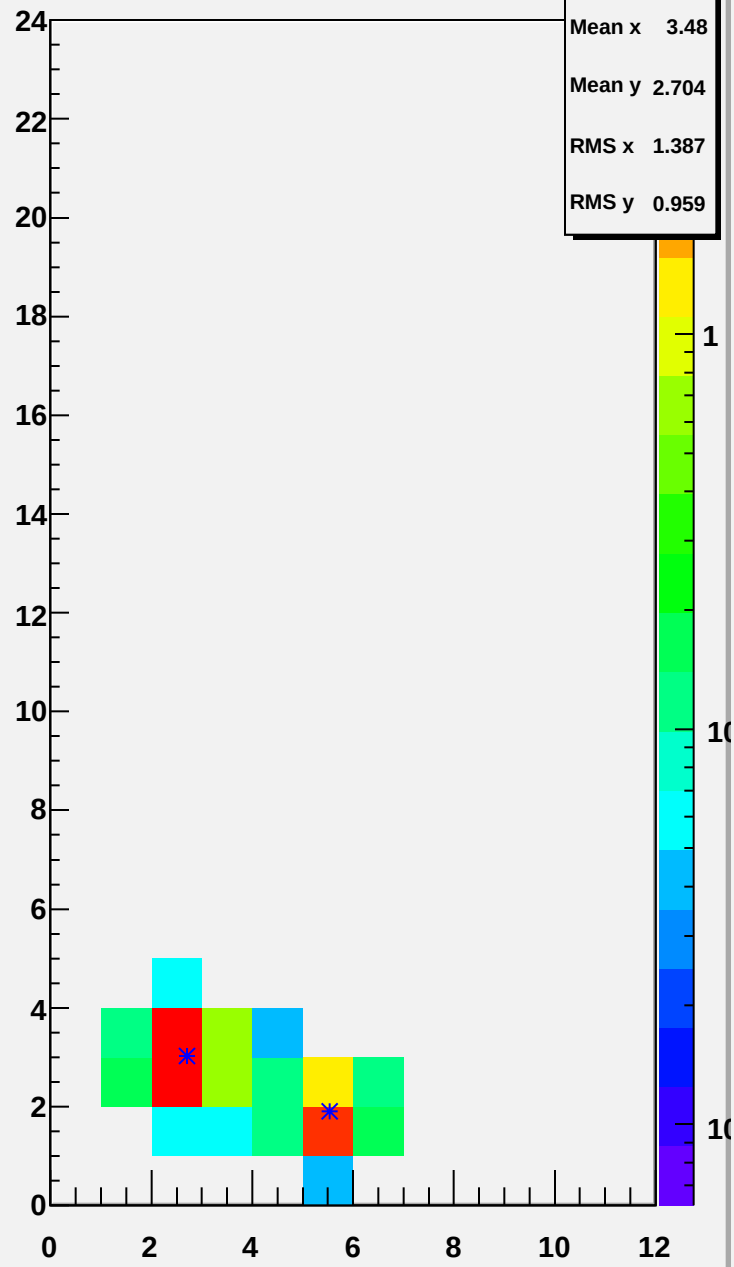
Efit

Entries	288
Mean x	2.46
Mean y	3.074
RMS x	0.4123
RMS y	0.7102

NSTB3_r4_c3_En=17.7_m0=0.143 m1=0.143 index=1581



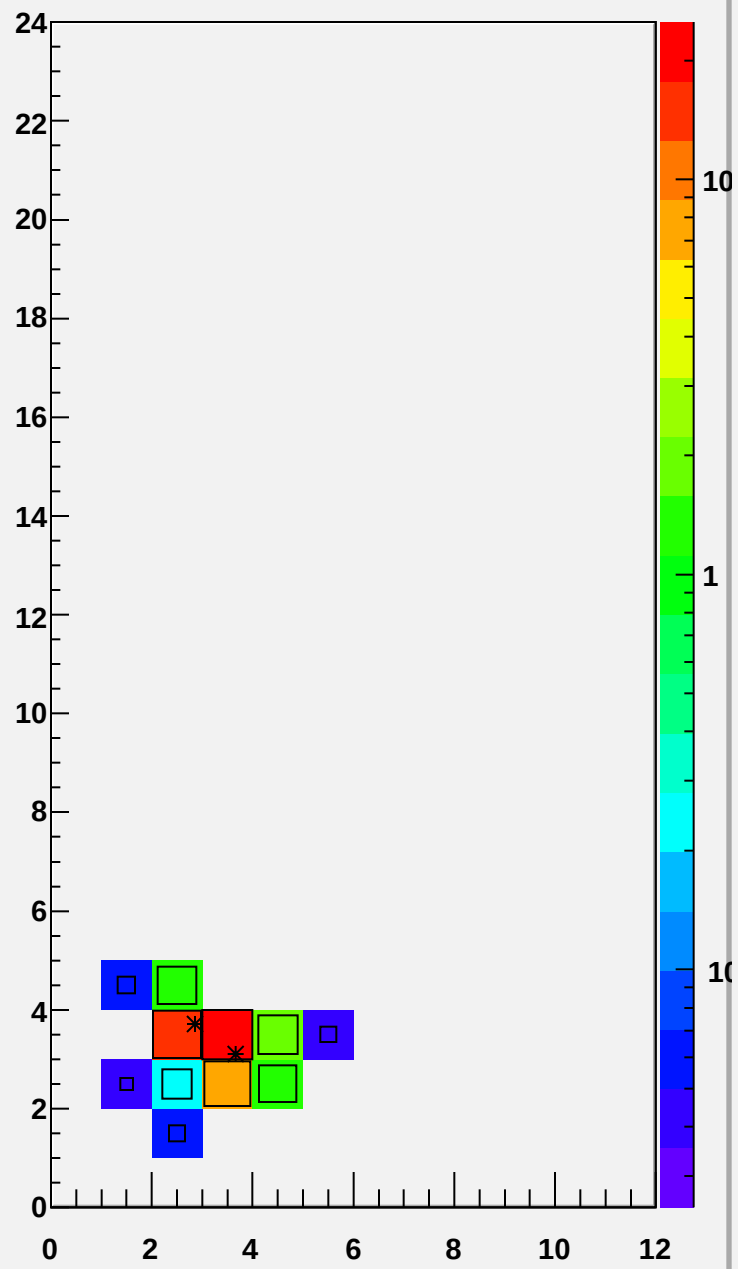
Fitted Energies



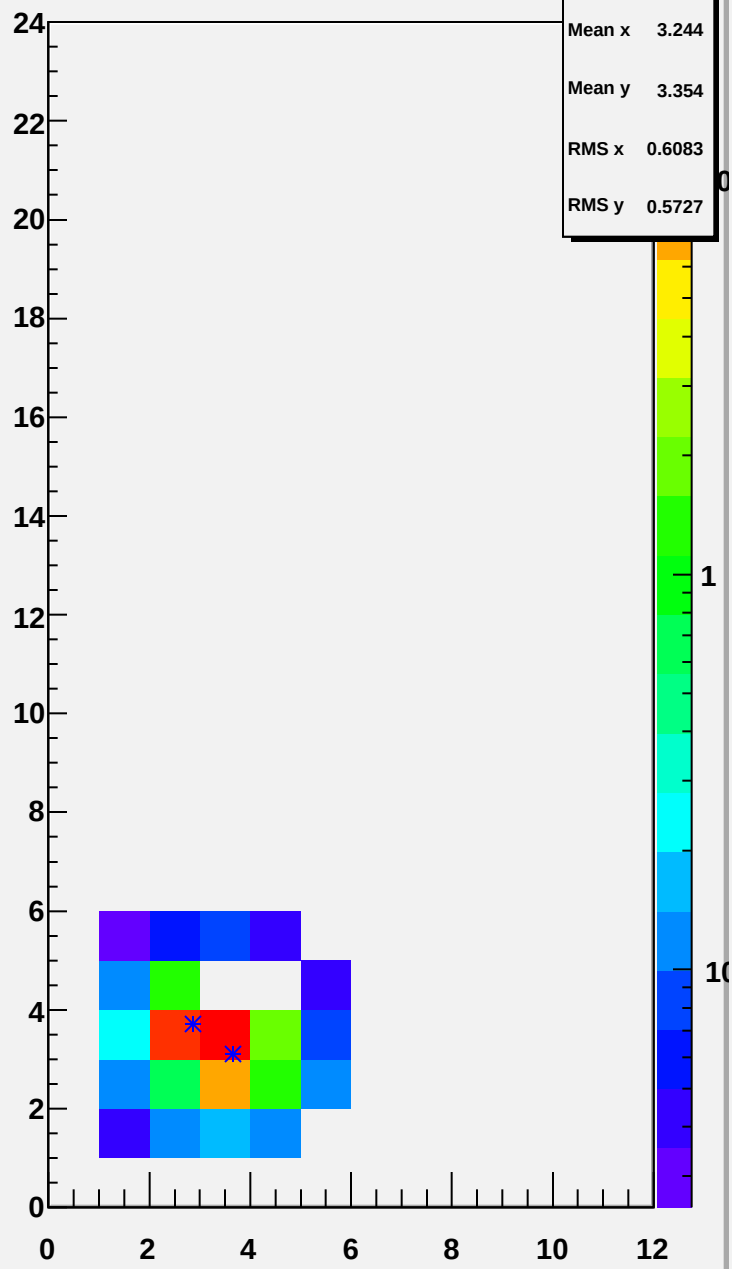
Efit

Entries 288
Mean x 3.48
Mean y 2.704
RMS x 1.387
RMS y 0.959

NSTB3_r4_c3_En=51.2_m0=0.142 m1=0.141 index=1584



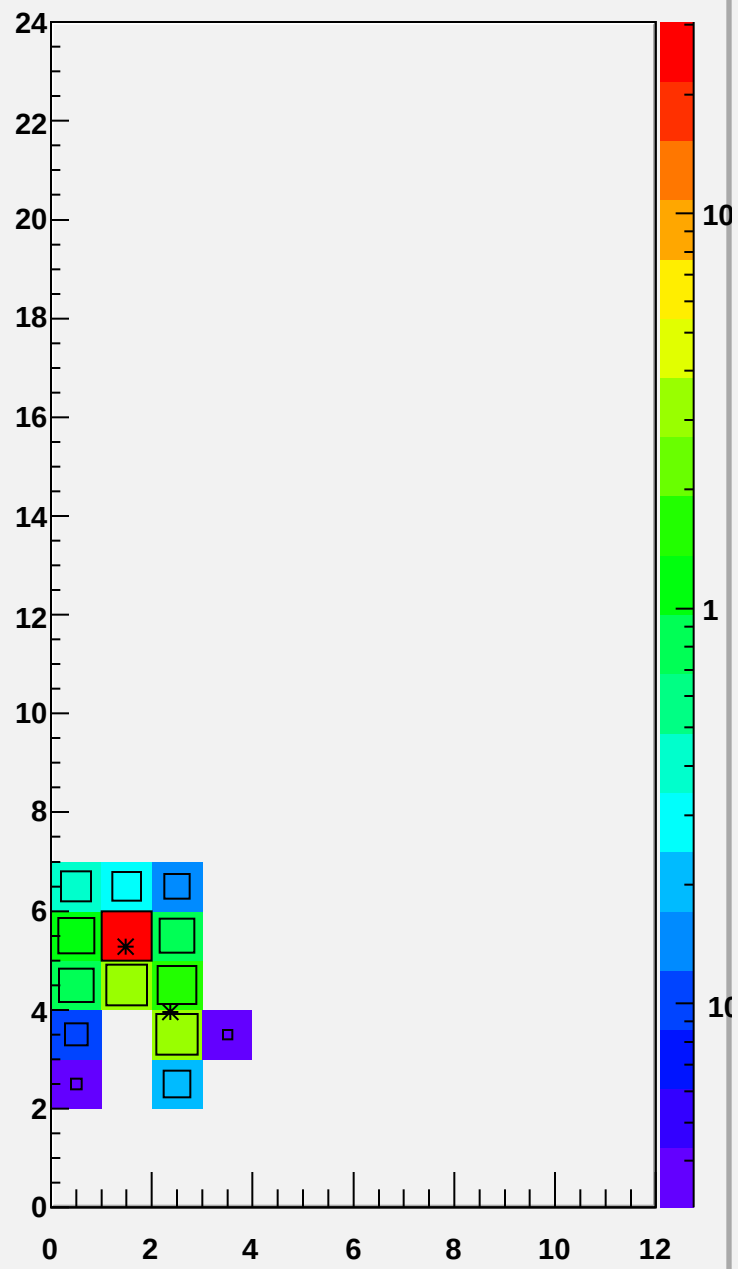
Fitted Energies



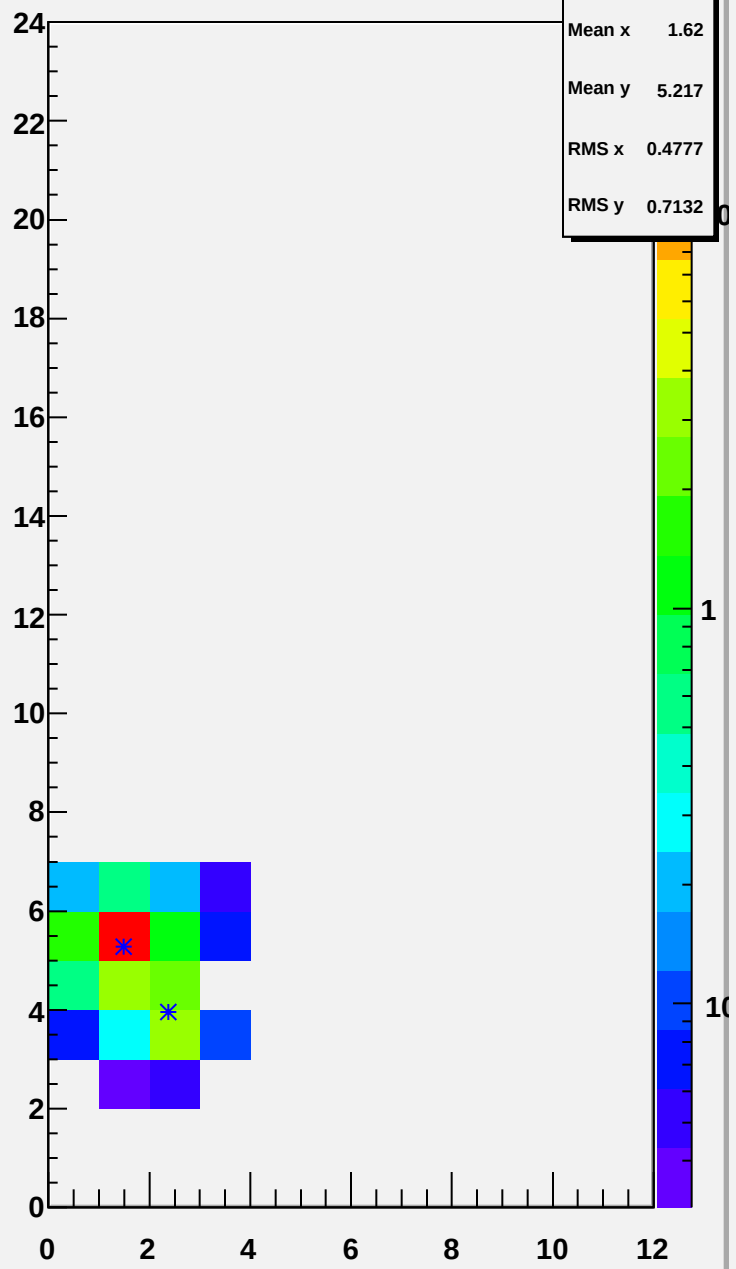
Efit

Entries	288
Mean x	3.244
Mean y	3.354
RMS x	0.6083
RMS y	0.5727

NSTB3_r4_c3_En=42.4_m0=0.131 m1=0.131 index=1585



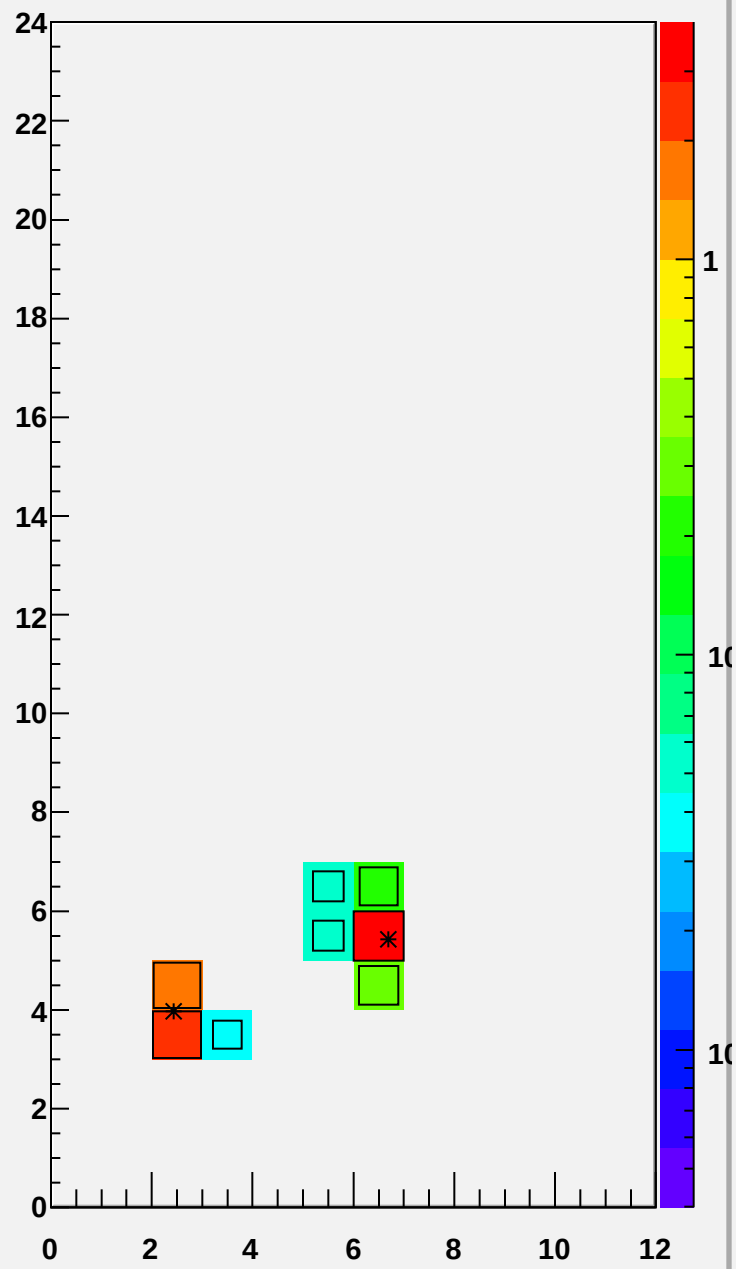
Fitted Energies



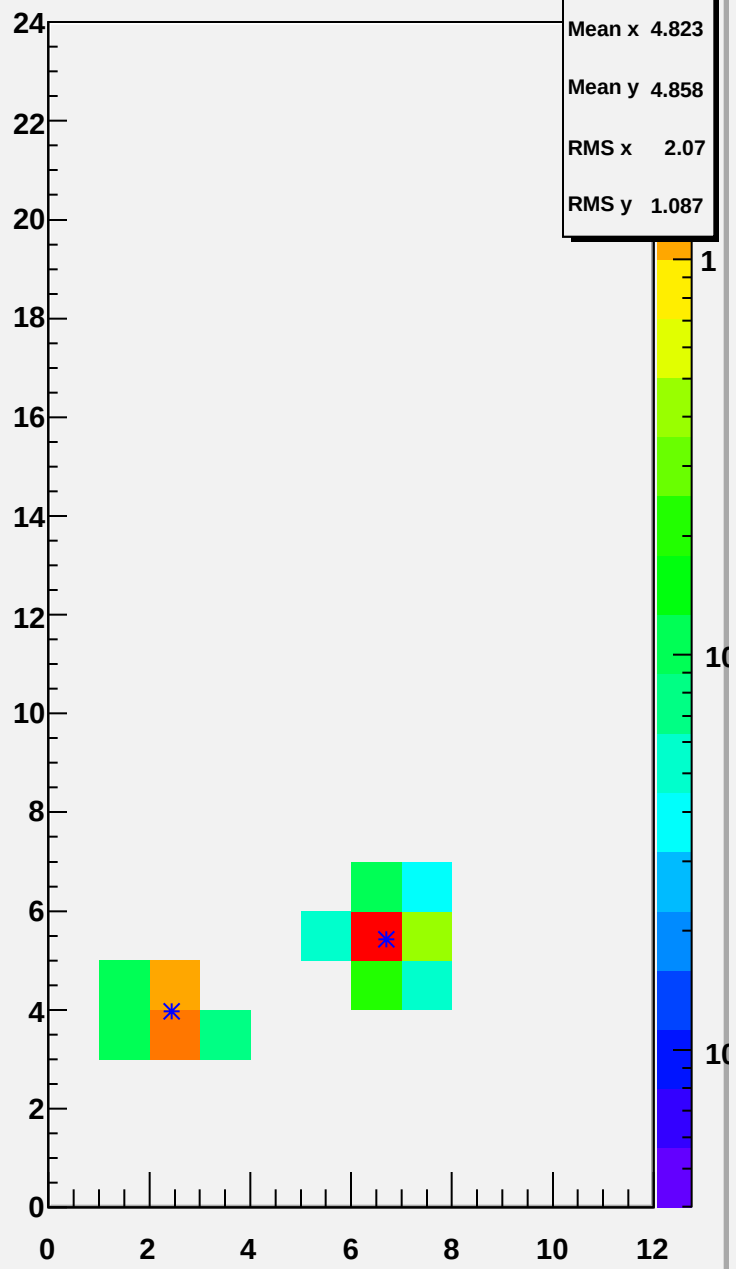
Efit

Entries	288
Mean x	1.62
Mean y	5.217
RMS x	0.4777
RMS y	0.7132

NSTB3_r4_c3_En= 8.1_m0=0.108 m1=0.108 index=1586



Fitted Energies



Efit

Entries 288

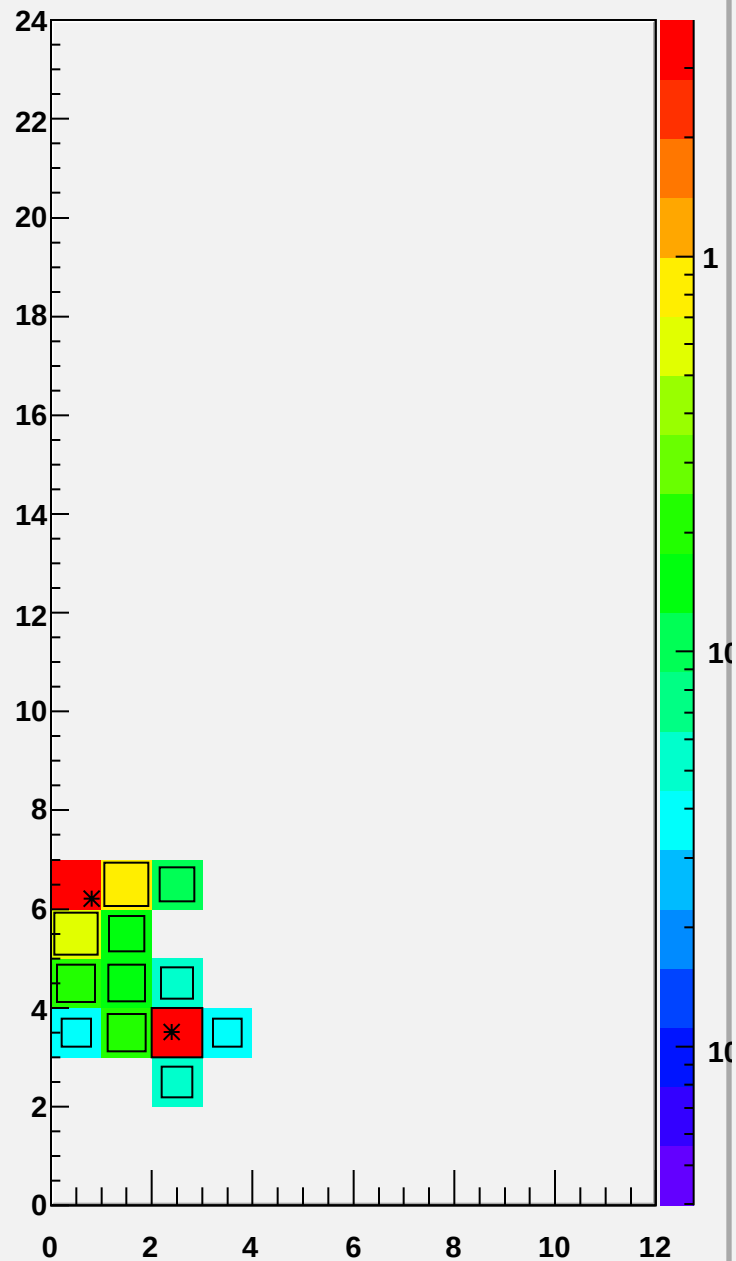
Mean x 4.823

Mean y 4.858

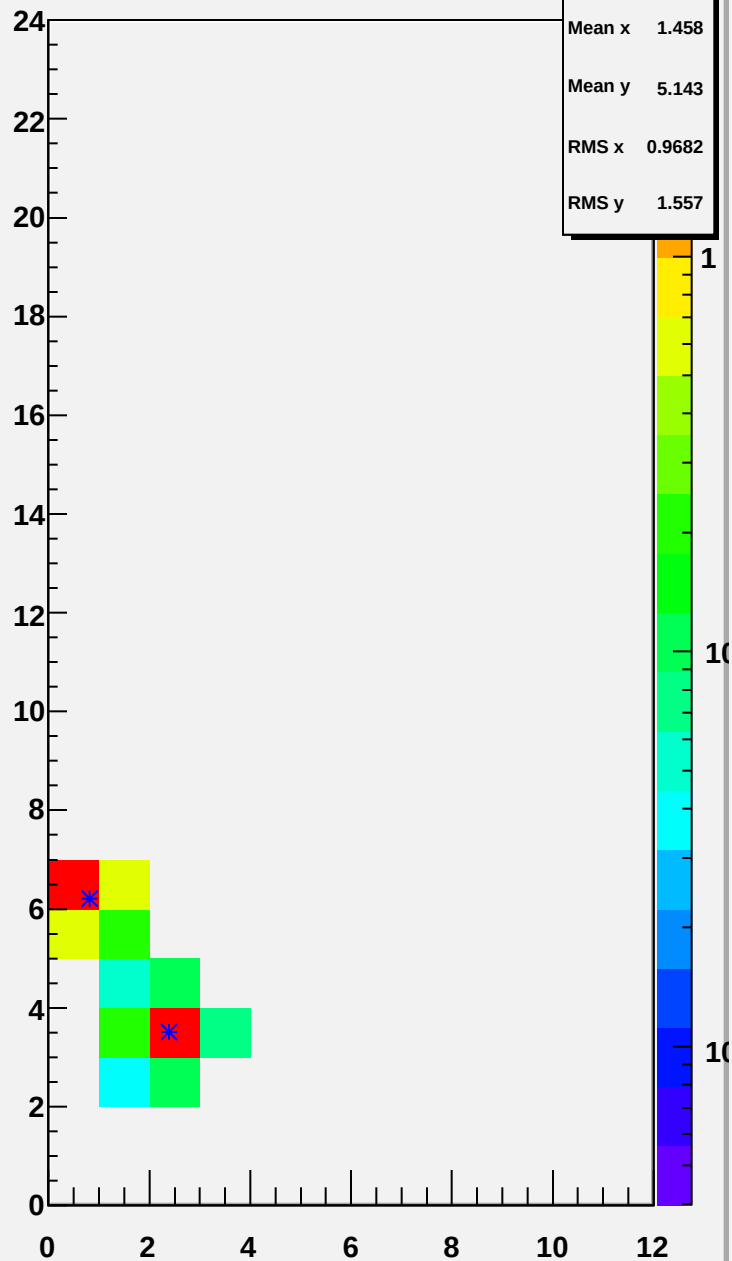
RMS x 2.07

RMS y 1.087

NSTB3_r4_c3_En=10.1_m0=0.089 m1=0.089 index=1587



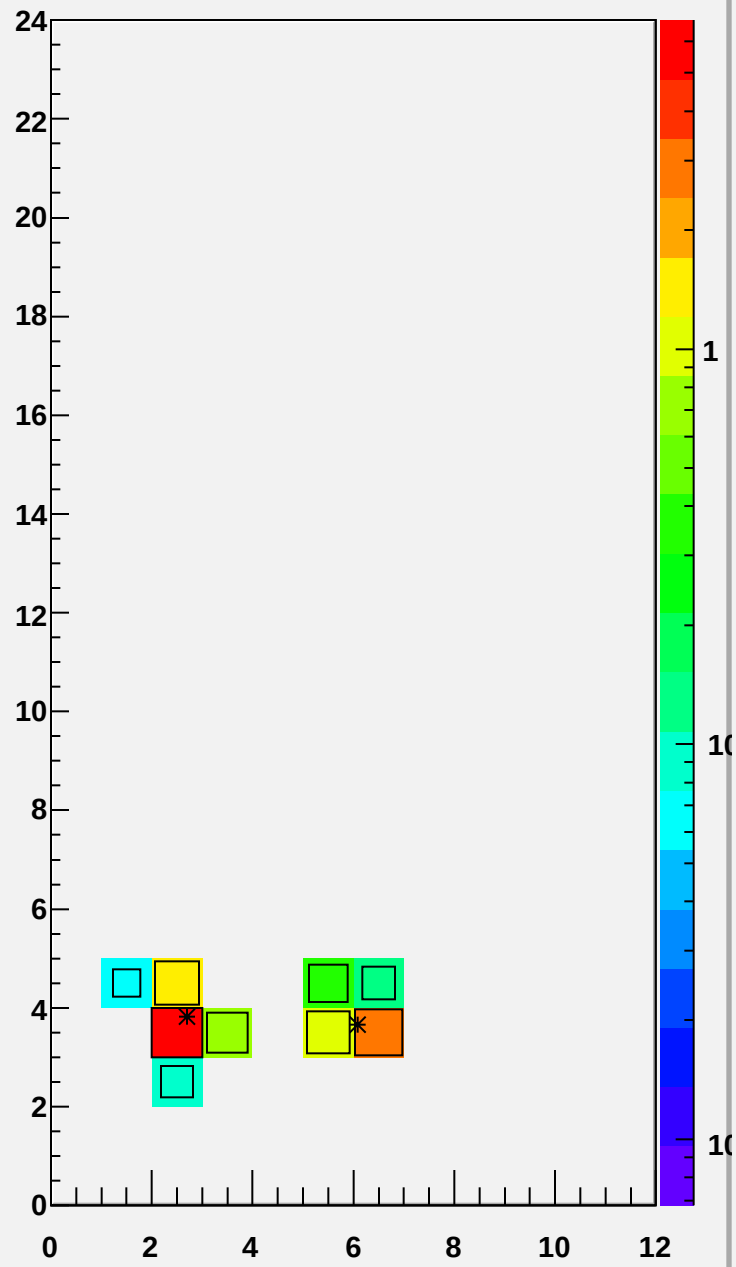
Fitted Energies



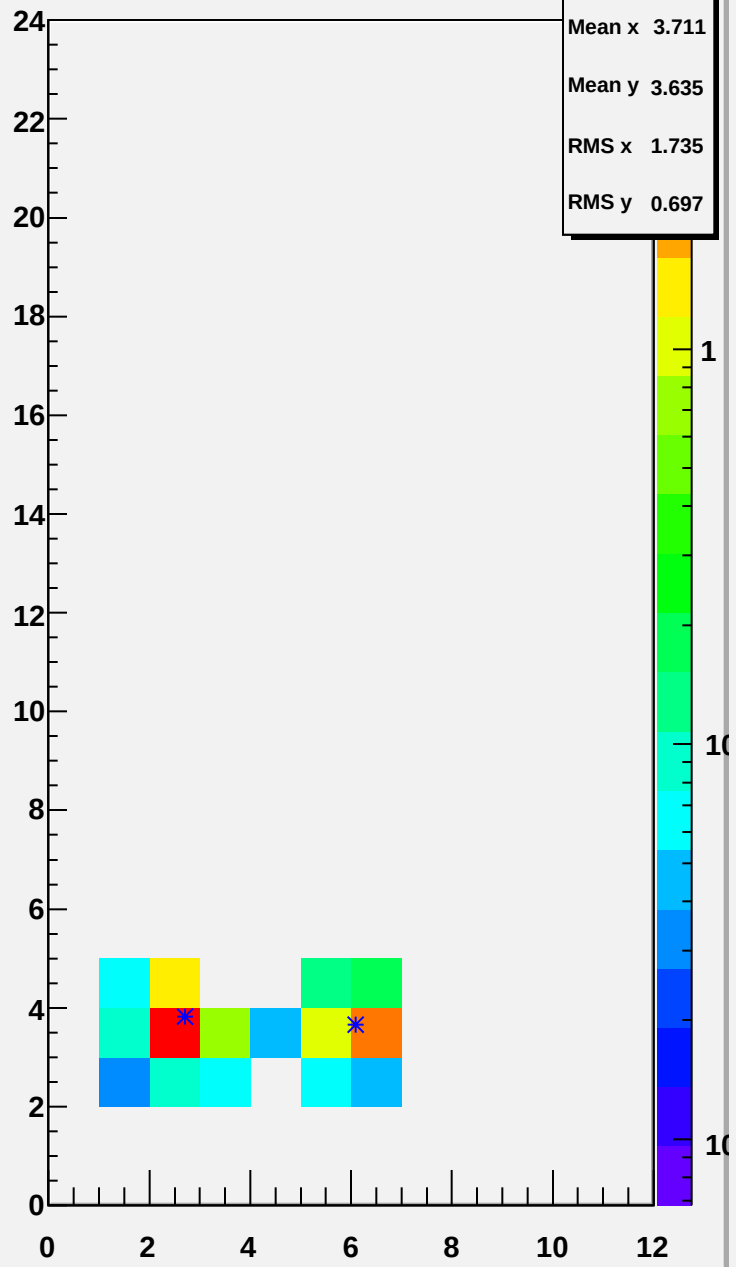
Efit

Entries	288
Mean x	1.458
Mean y	5.143
RMS x	0.9682
RMS y	1.557

NSTB3_r4_c3_En=13.2_m0=0.121 m1=0.121 index=1588



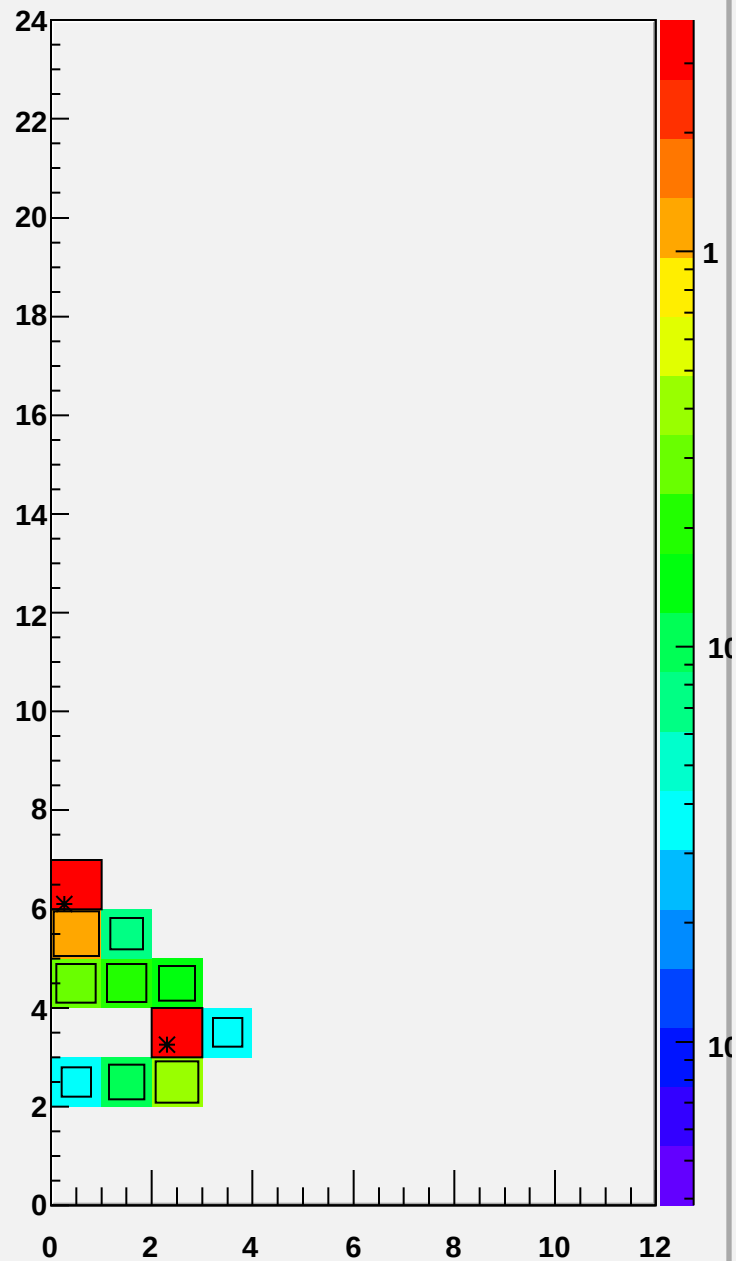
Fitted Energies



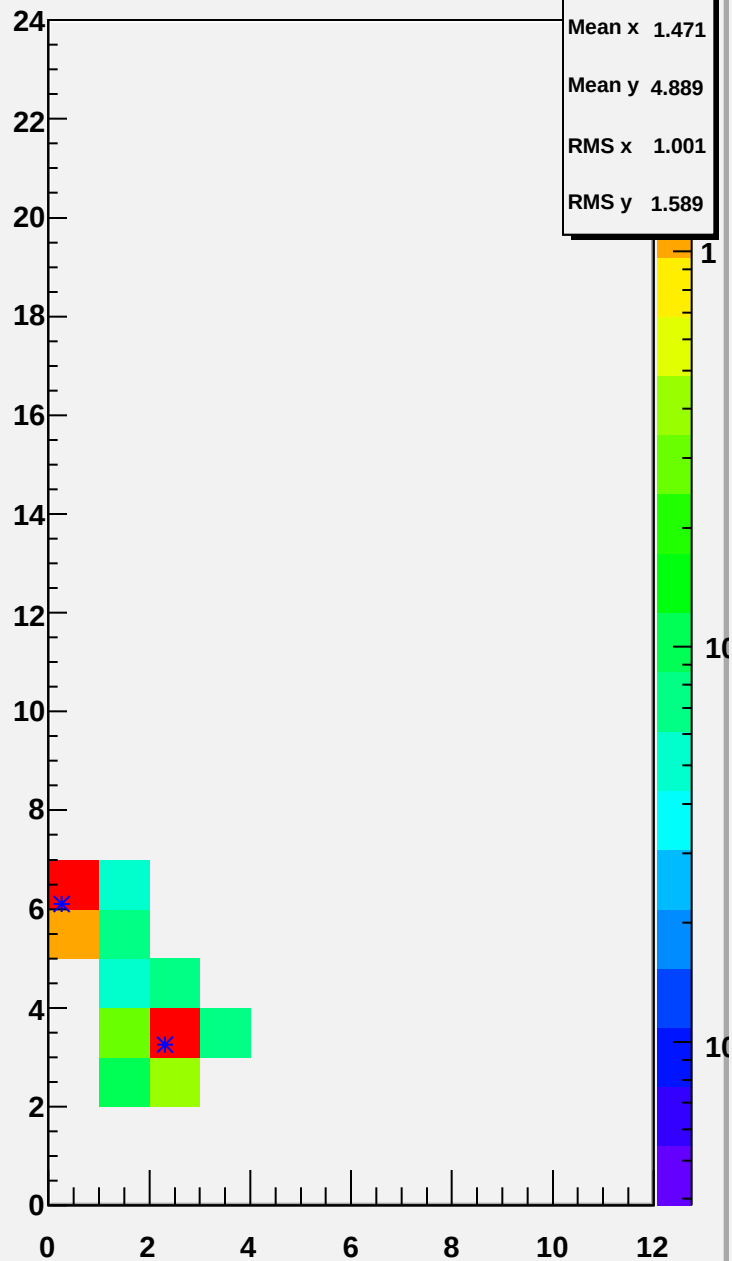
Efit

Entries 288
Mean x 3.711
Mean y 3.635
RMS x 1.735
RMS y 0.697

NSTB3_r4_c3_En=10.0_m0=0.107 m1=0.107 index=1589



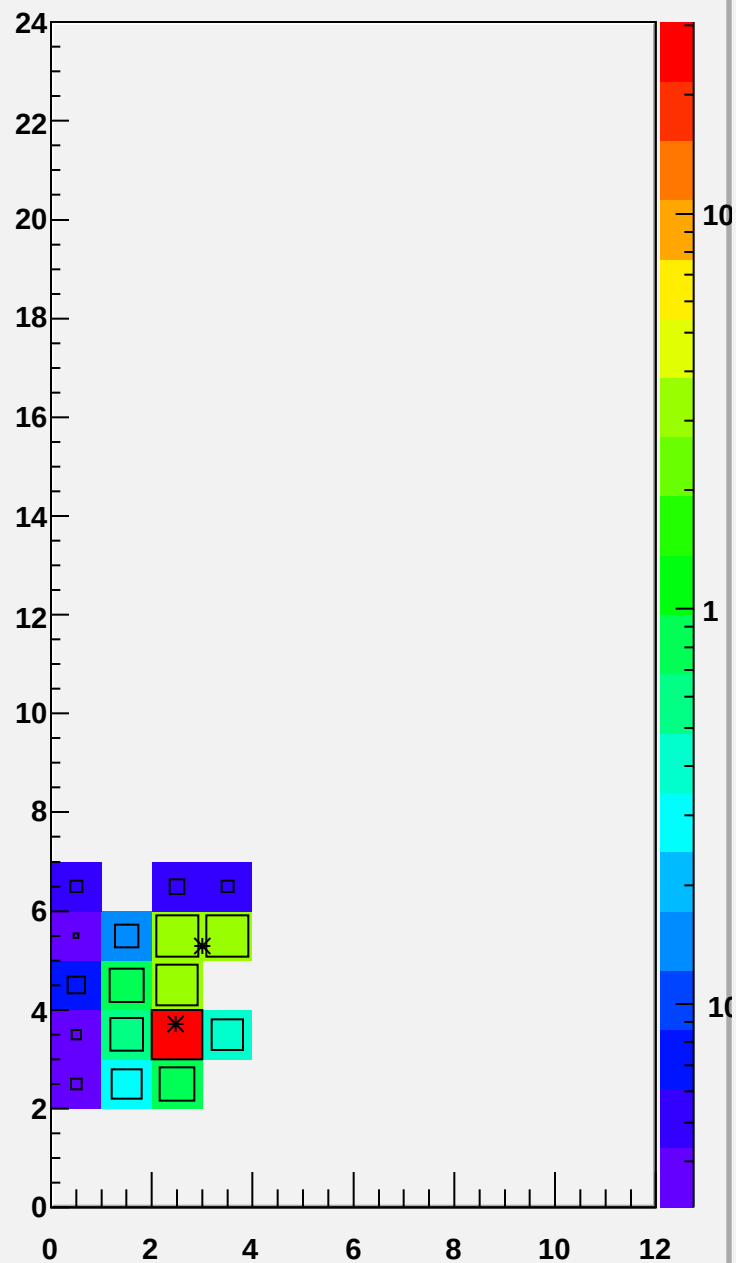
Fitted Energies



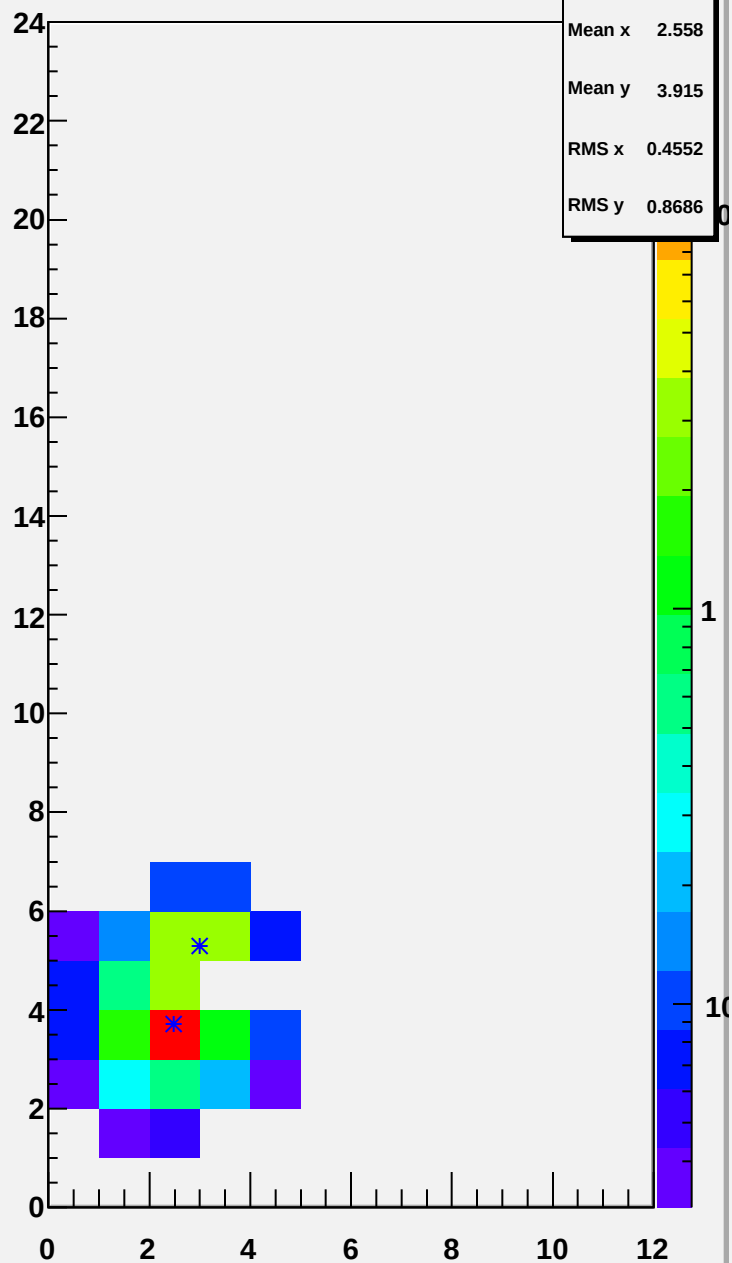
Efit

Entries 288
Mean x 1.471
Mean y 4.889
RMS x 1.001
RMS y 1.589

NSTB3_r4_c3_En=44.8_m0=0.163 m1=0.163 index=1590



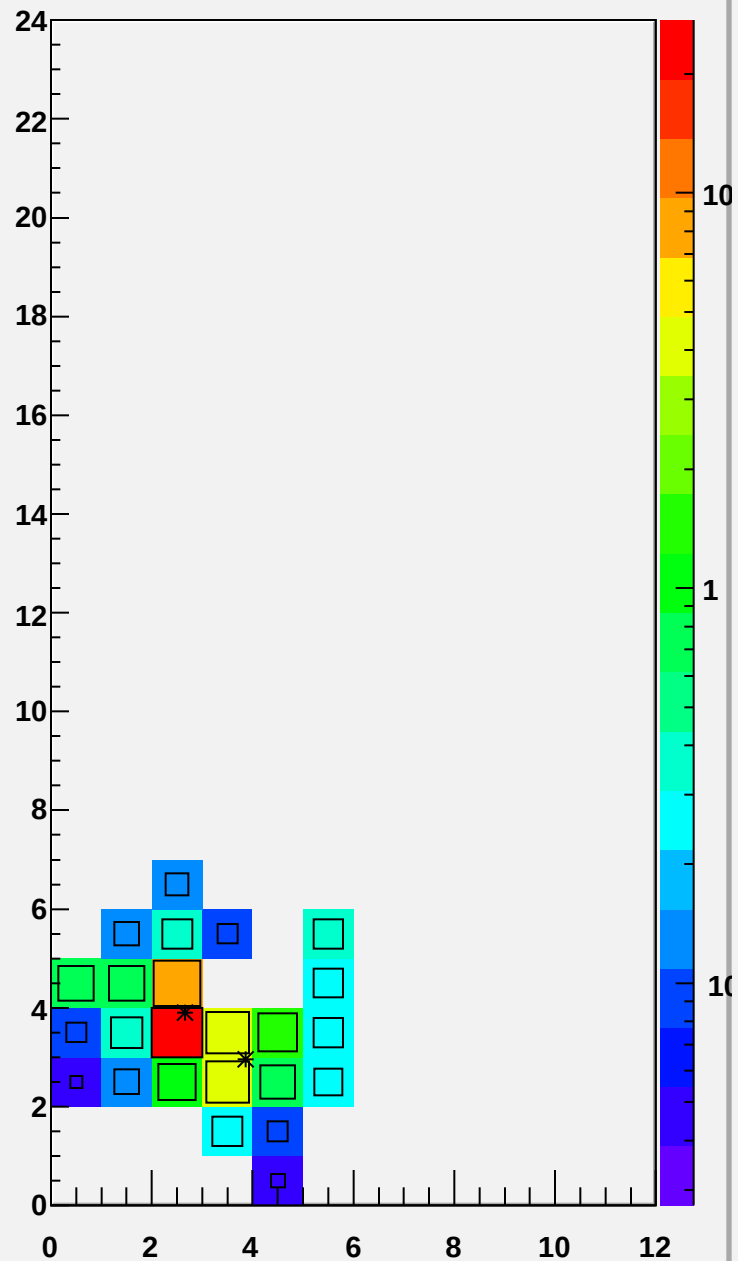
Fitted Energies



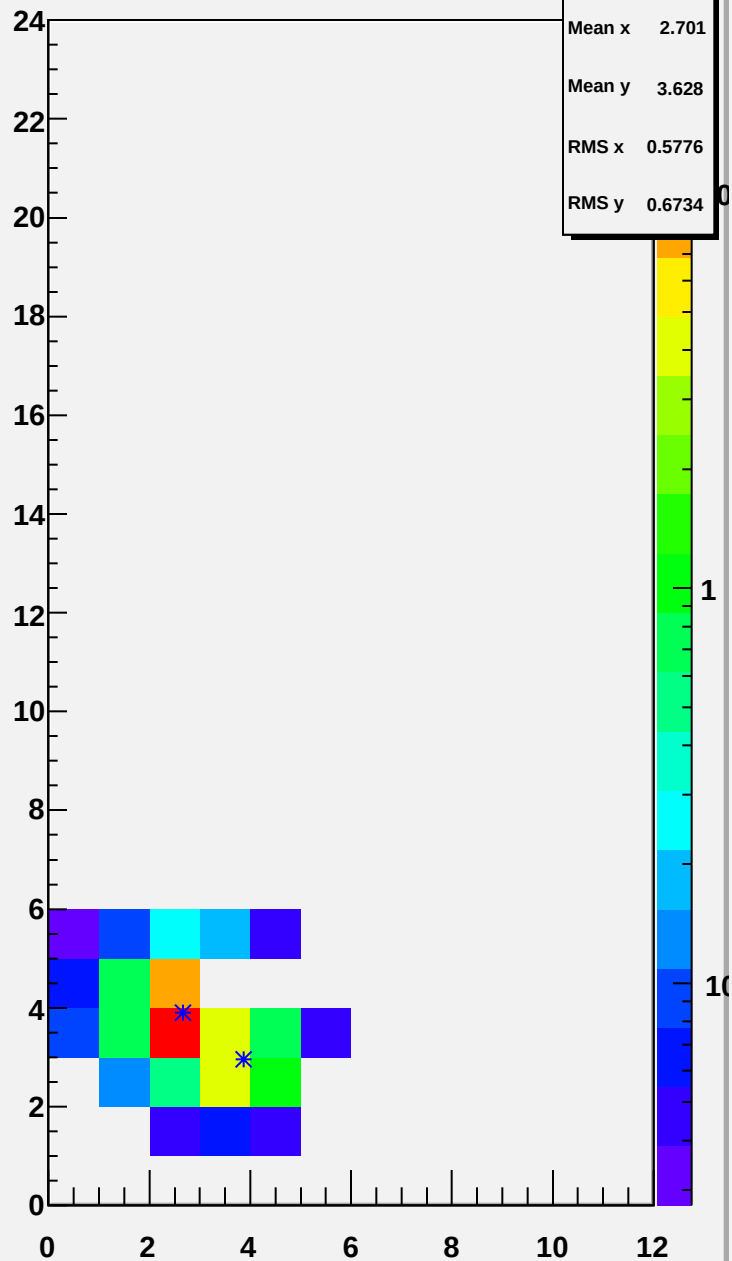
Efit

Entries	288
Mean x	2.558
Mean y	3.915
RMS x	0.4552
RMS y	0.8686

NSTB3_r4_c3_En=52.4_m0=0.151 m1=0.151 index=1591



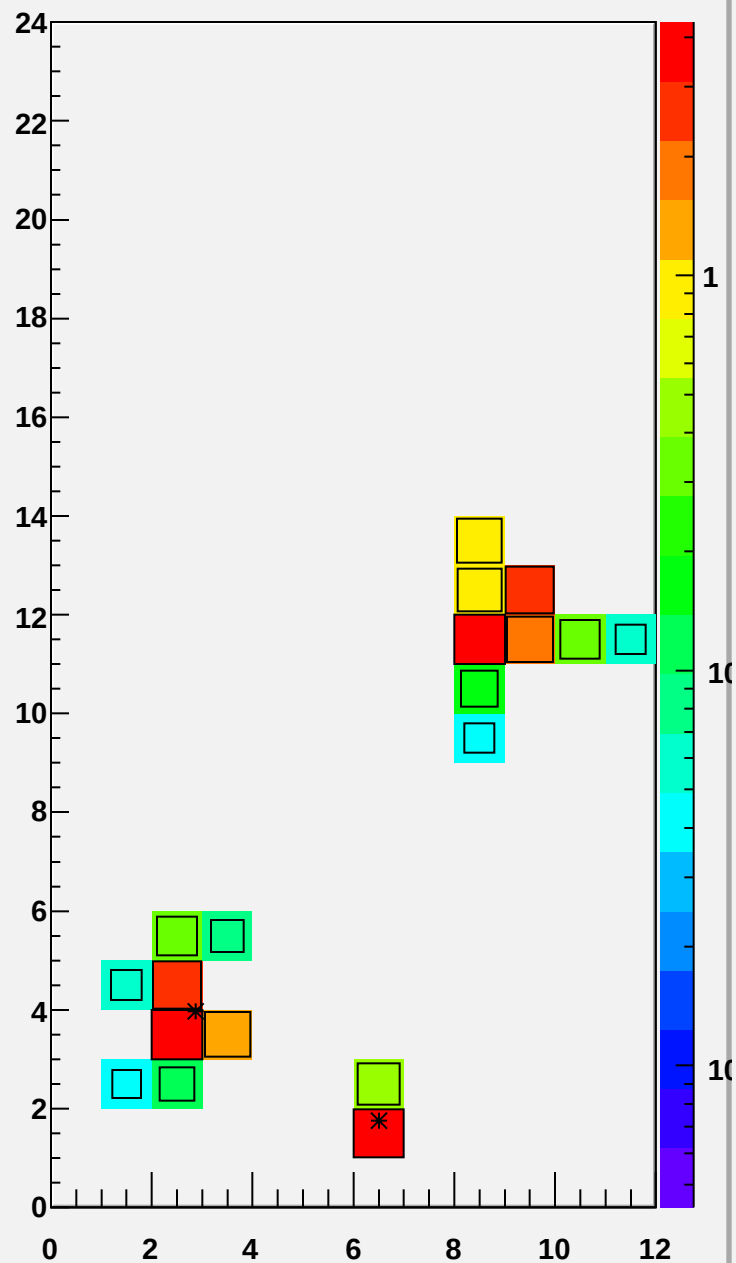
Fitted Energies



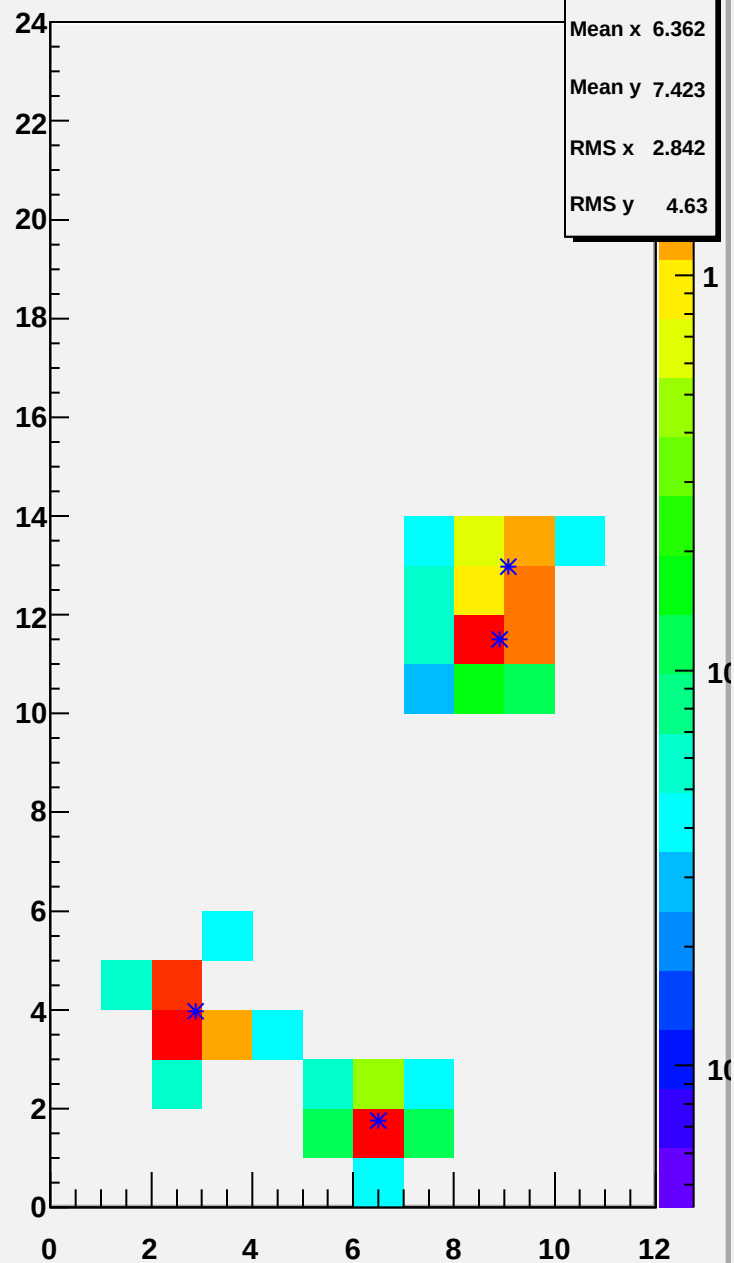
Efit

Entries	288
Mean x	2.701
Mean y	3.628
RMS x	0.5776
RMS y	0.6734

NSTB3_r4_c3_En=23.1_m0=0.152 m1=0.152 index=1592



Fitted Energies



Efit

Entries 288

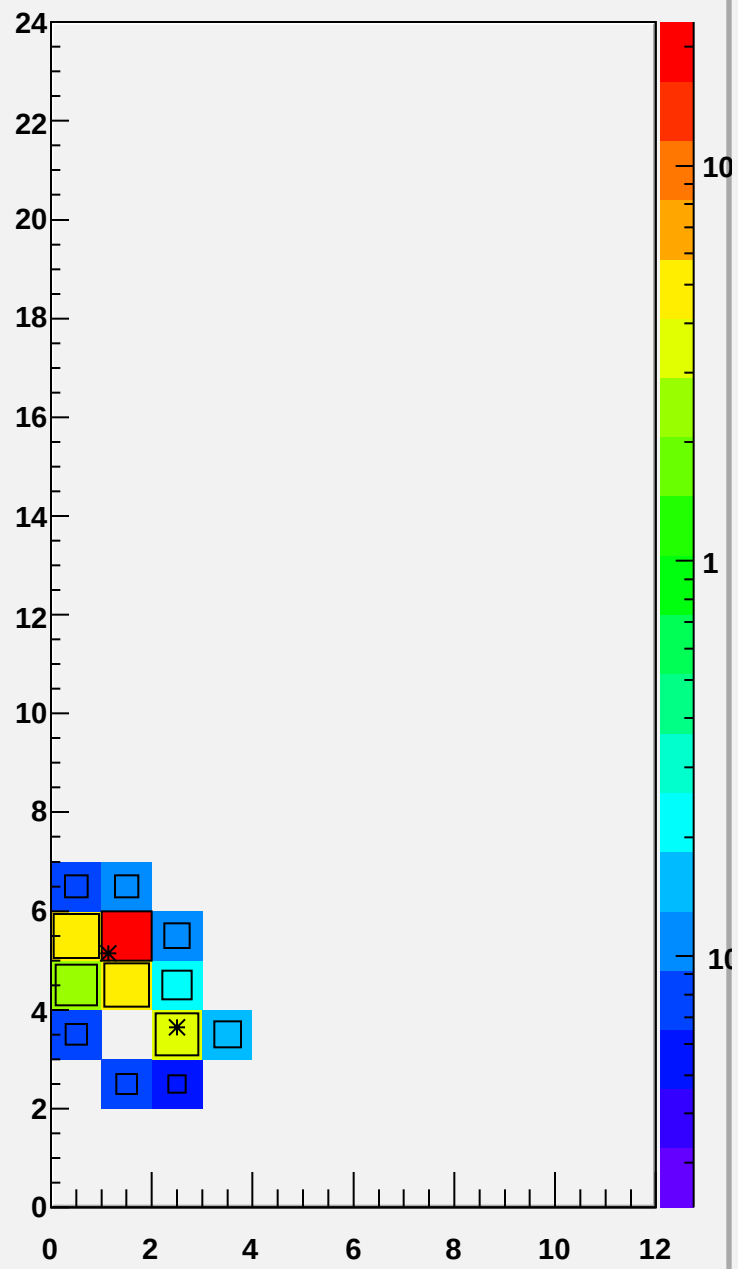
Mean x 6.362

Mean y 7.423

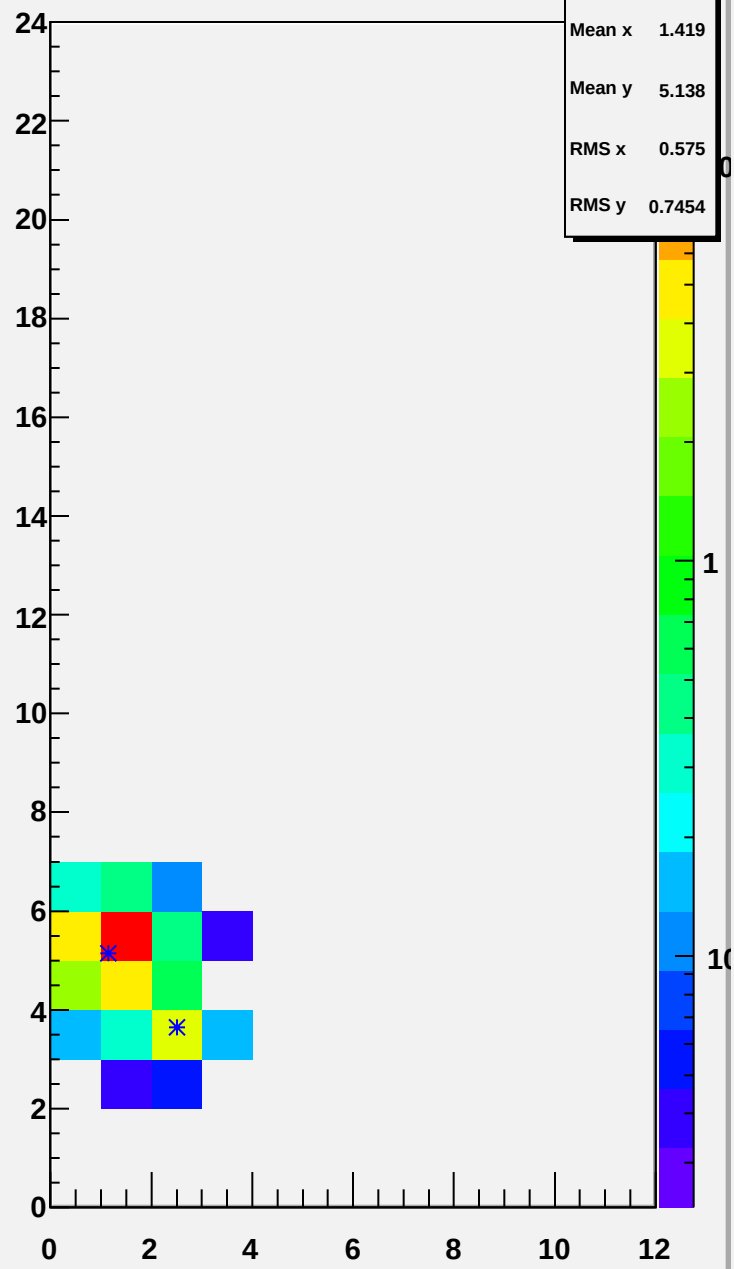
RMS x 2.842

RMS y 4.63

NSTB3_r4_c3_En=40.4_m0=0.141 m1=0.140 index=1594



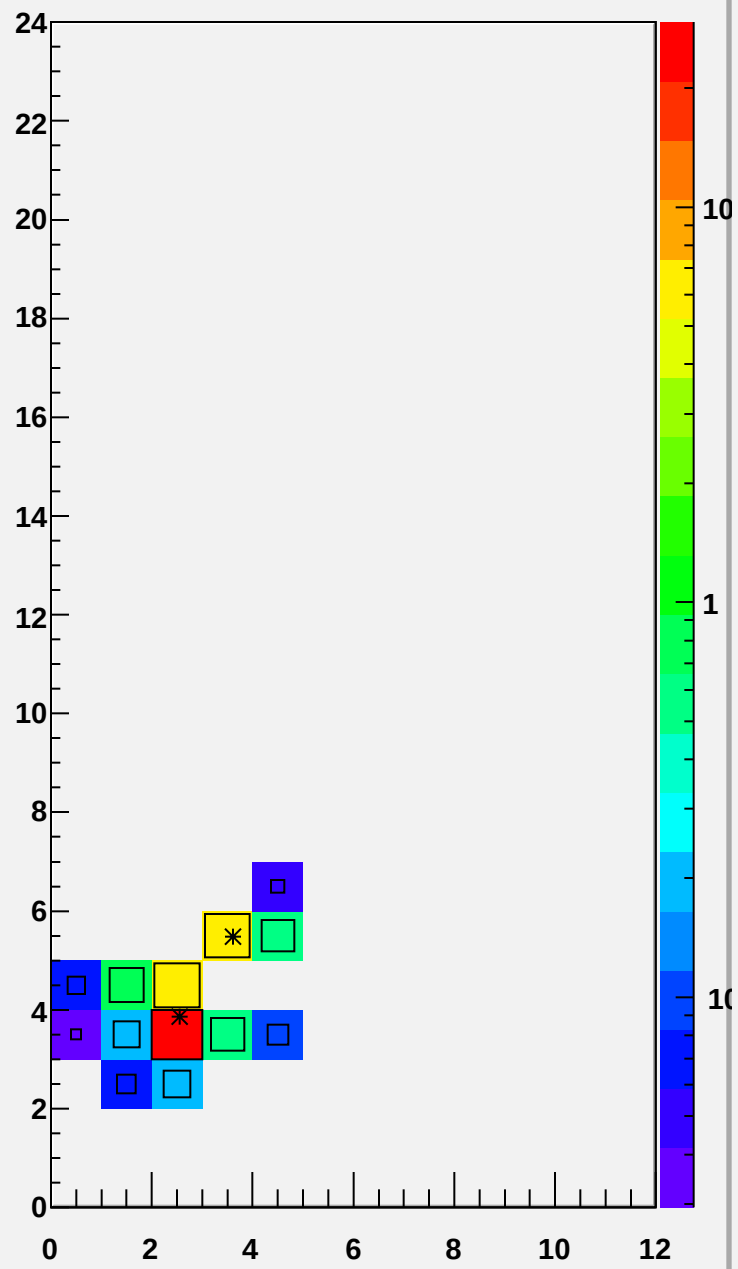
Fitted Energies



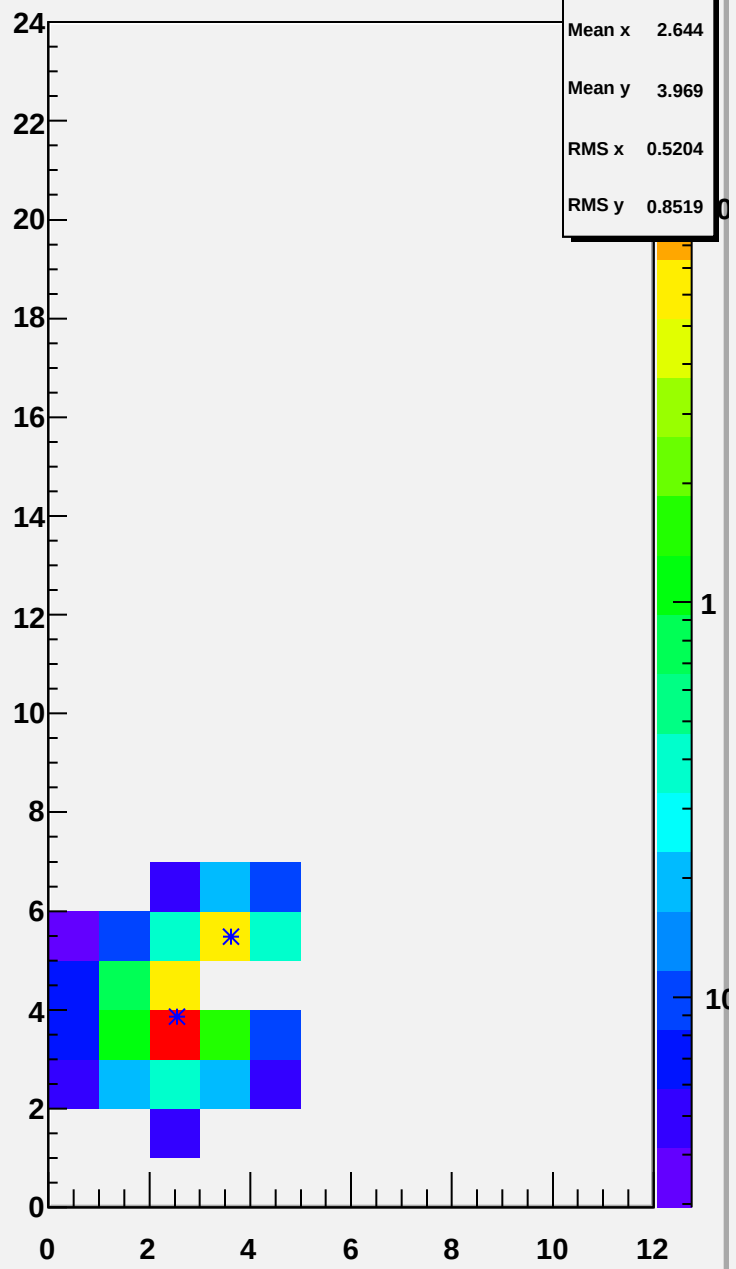
Efit

Entries	288
Mean x	1.419
Mean y	5.138
RMS x	0.575
RMS y	0.7454

NSTB3_r4_c3_En=45.0_m0=0.186 m1=0.185 index=1595



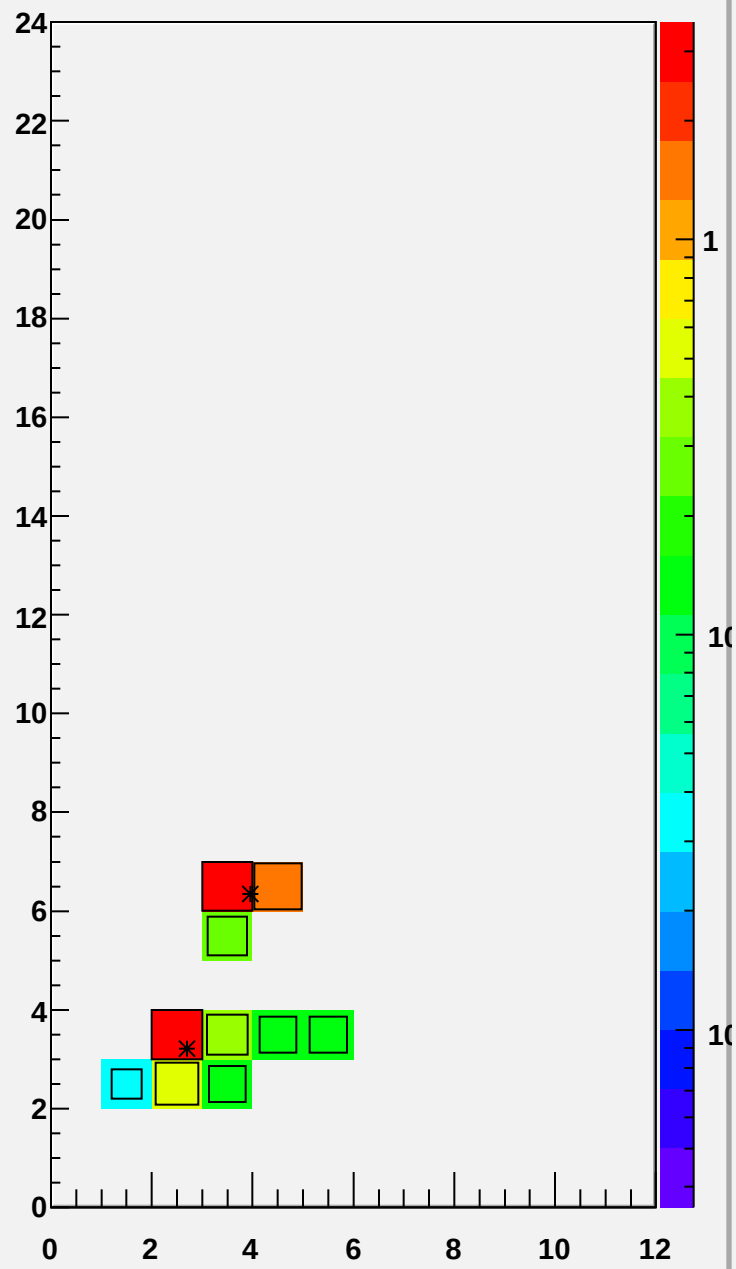
Fitted Energies



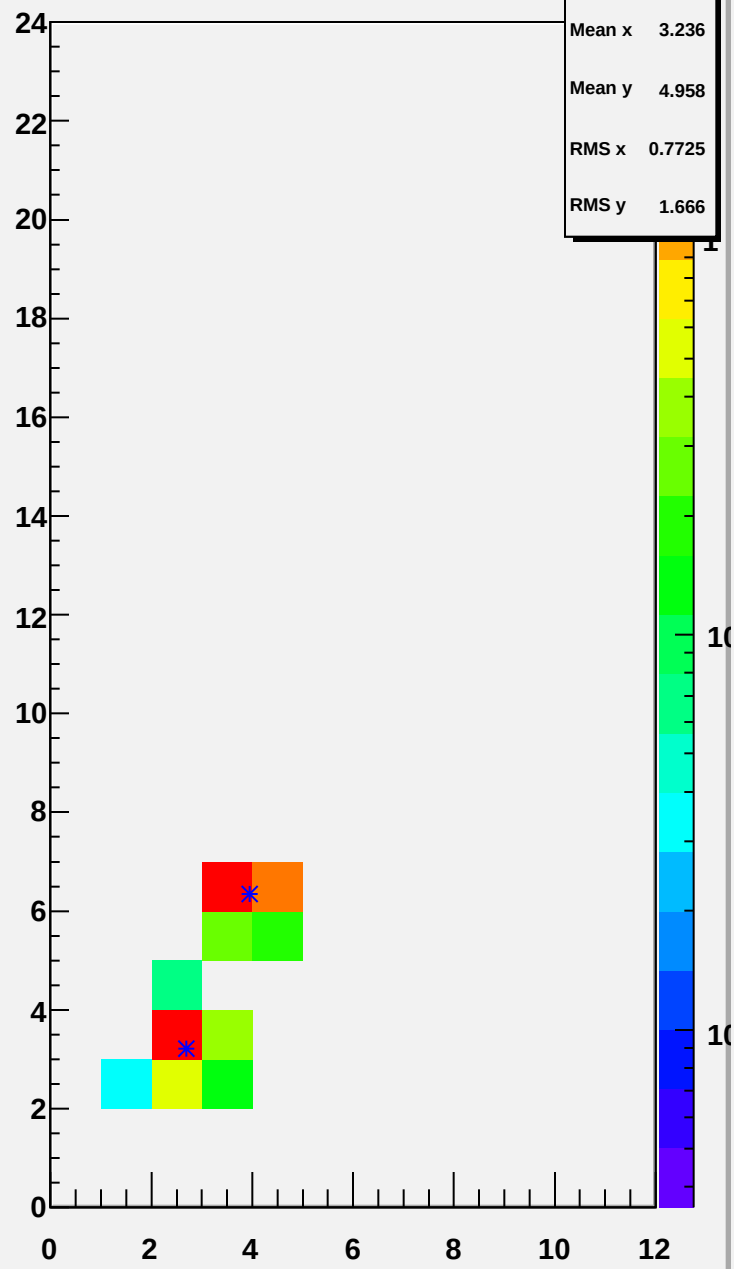
Efit

Entries	288
Mean x	2.644
Mean y	3.969
RMS x	0.5204
RMS y	0.8519

NSTB3_r4_c3_En= 9.5_m0=0.092 m1=0.092 index=1596



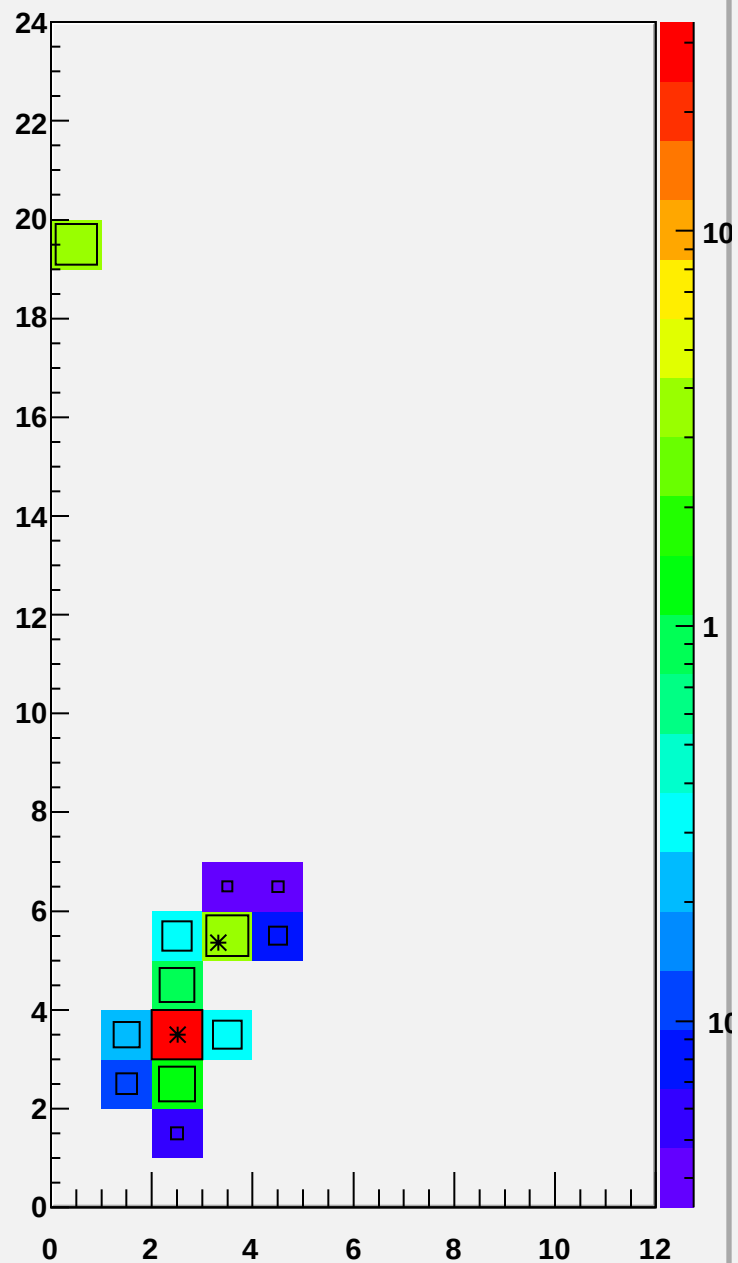
Fitted Energies



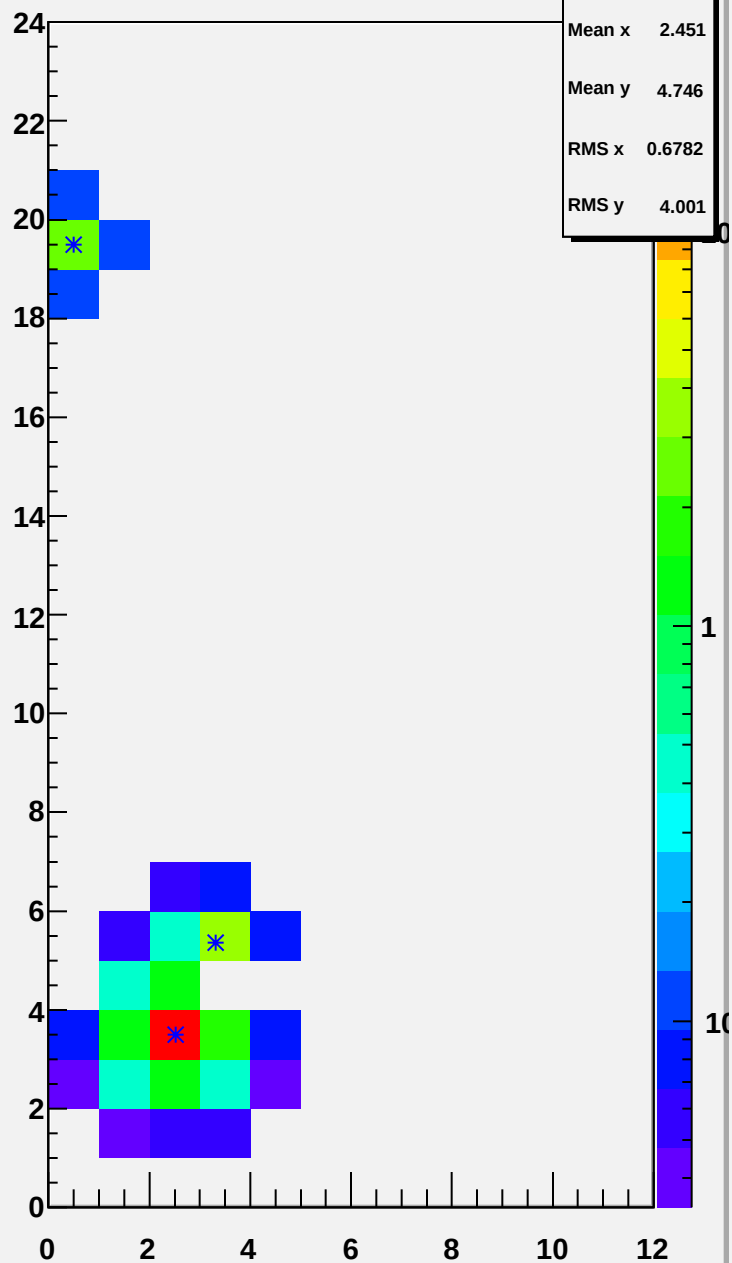
Efit

Entries	288
Mean x	3.236
Mean y	4.958
RMS x	0.7725
RMS y	1.666

NSTB3_r4_c3_En=44.0_m0=0.155 m1=0.155 index=1597



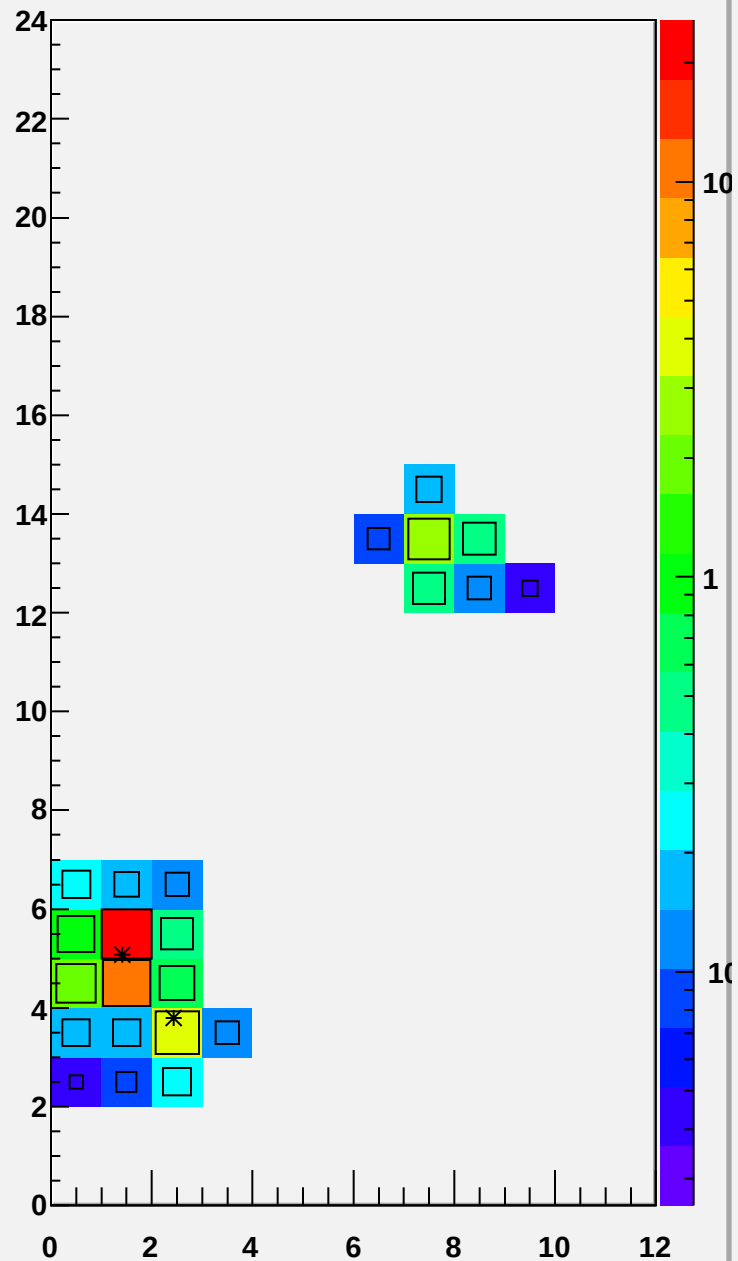
Fitted Energies



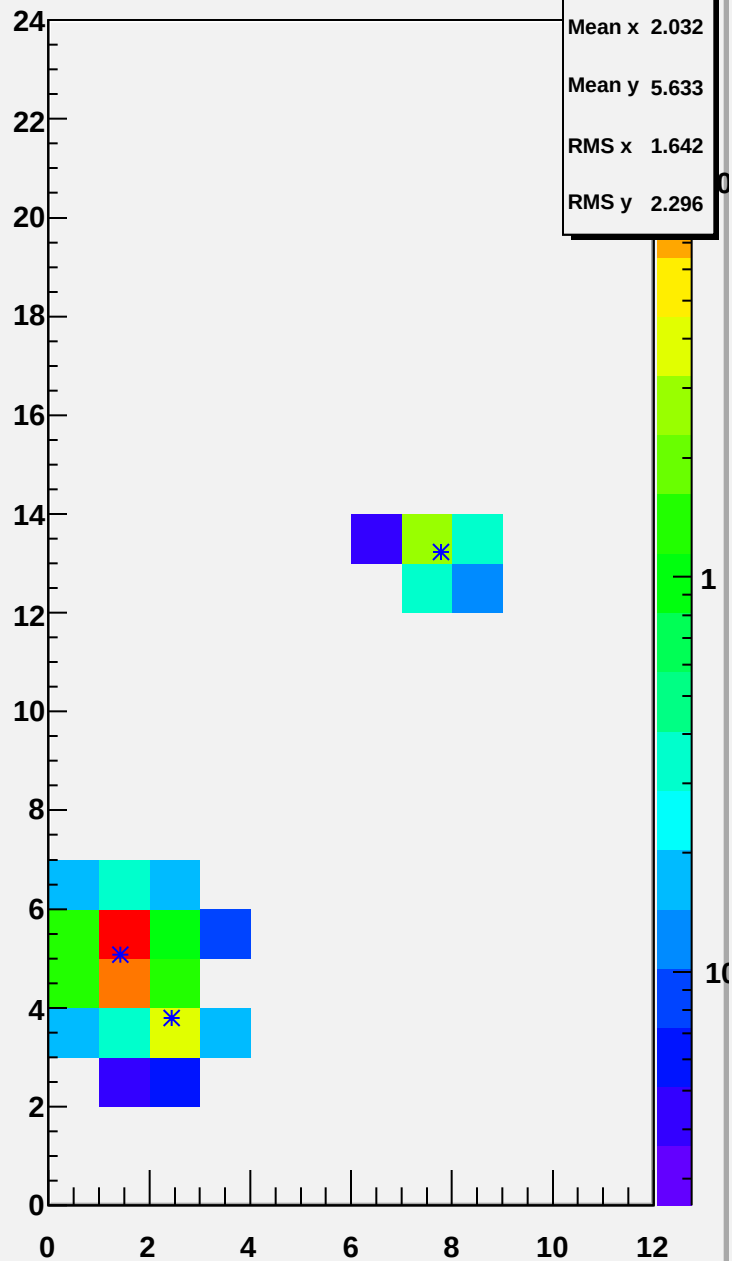
Efit

Entries	288
Mean x	2.451
Mean y	4.746
RMS x	0.6782
RMS y	4.001

NSTB3_r4_c3_En=49.6_m0=0.138 m1=0.138 index=1599



Fitted Energies



Efit

Entries 288

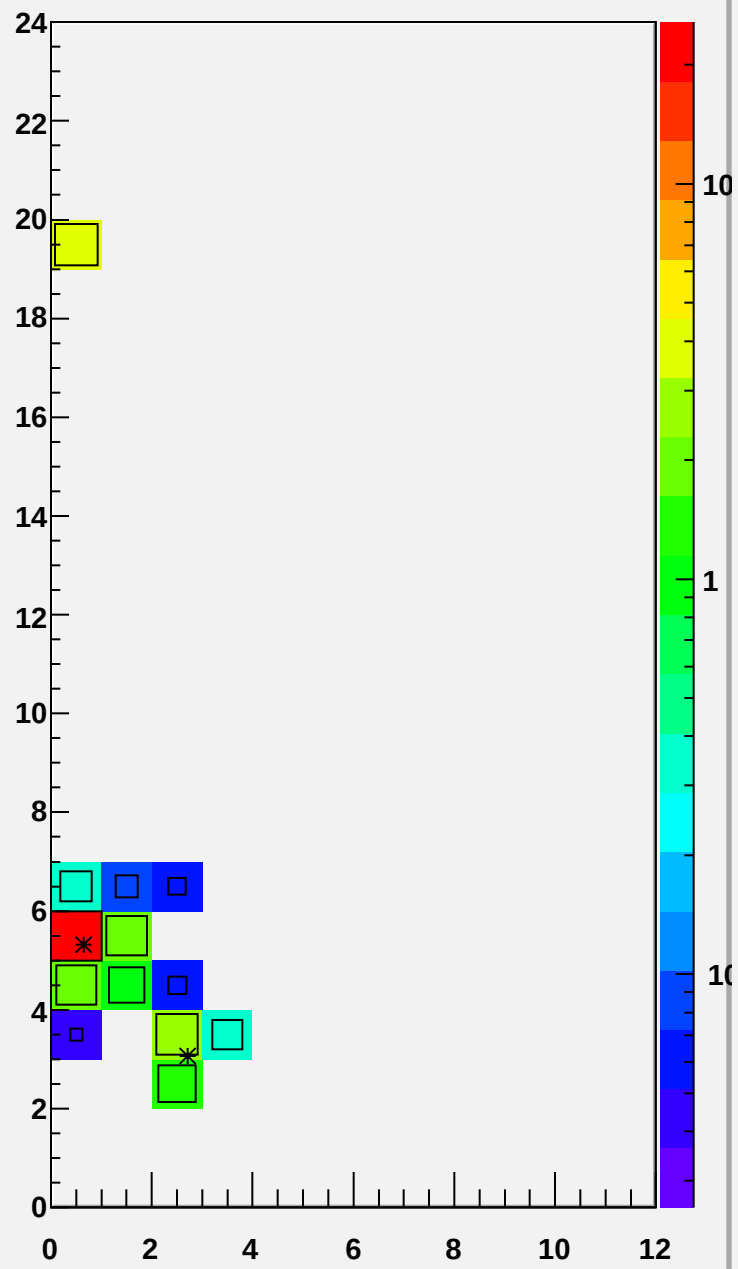
Mean x 2.032

Mean y 5.633

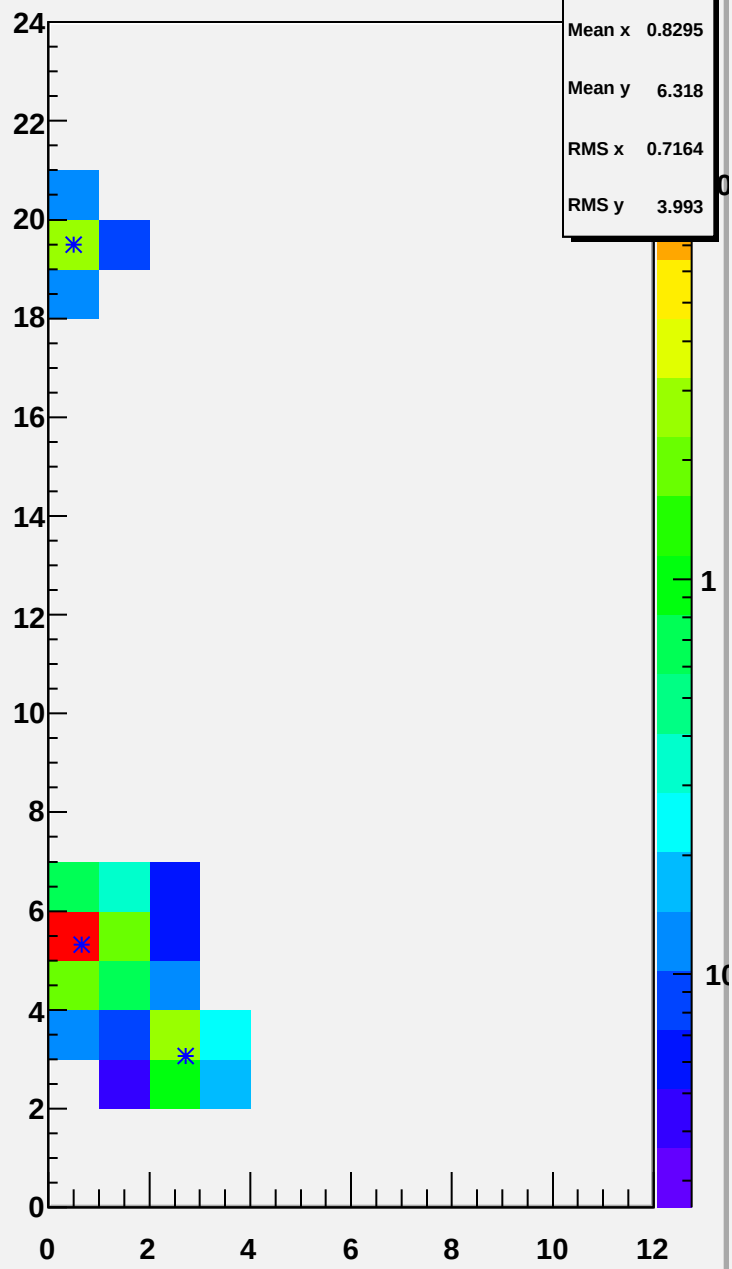
RMS x 1.642

RMS y 2.296

NSTB3_r4_c3_En=38.7_m0=0.208 m1=0.208 index=1600



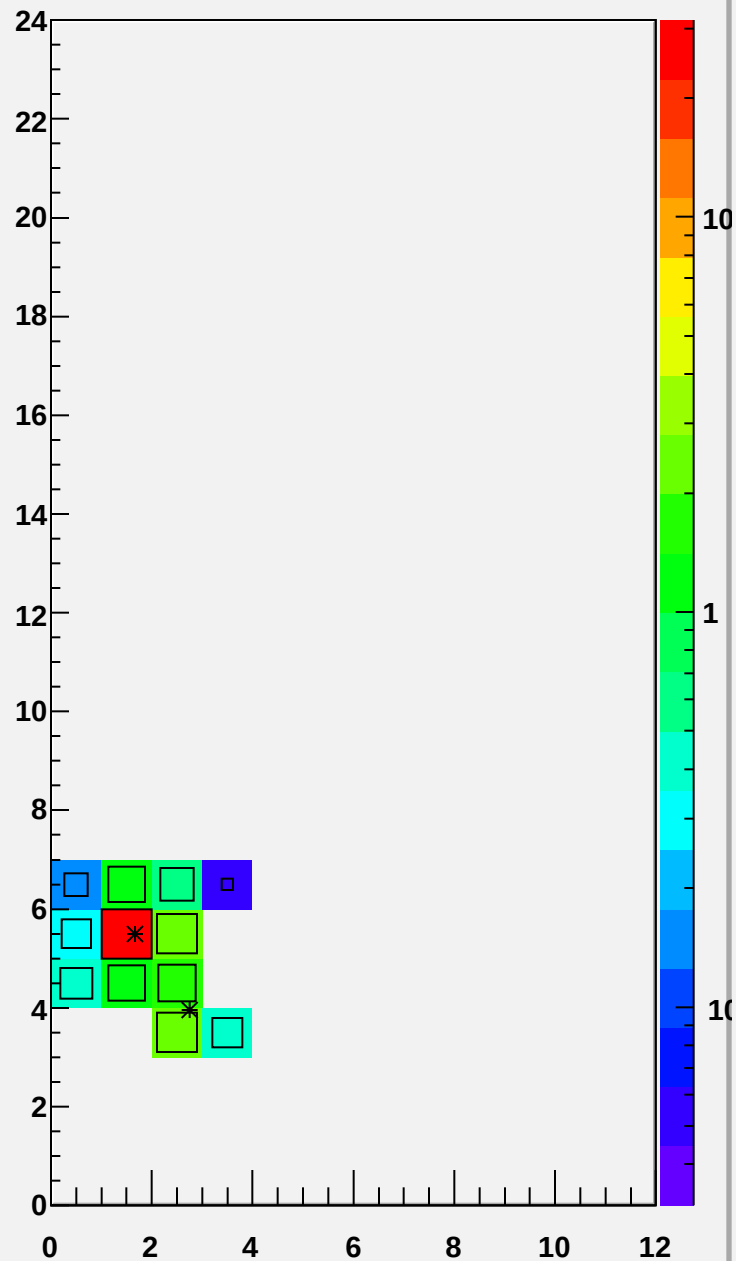
Fitted Energies



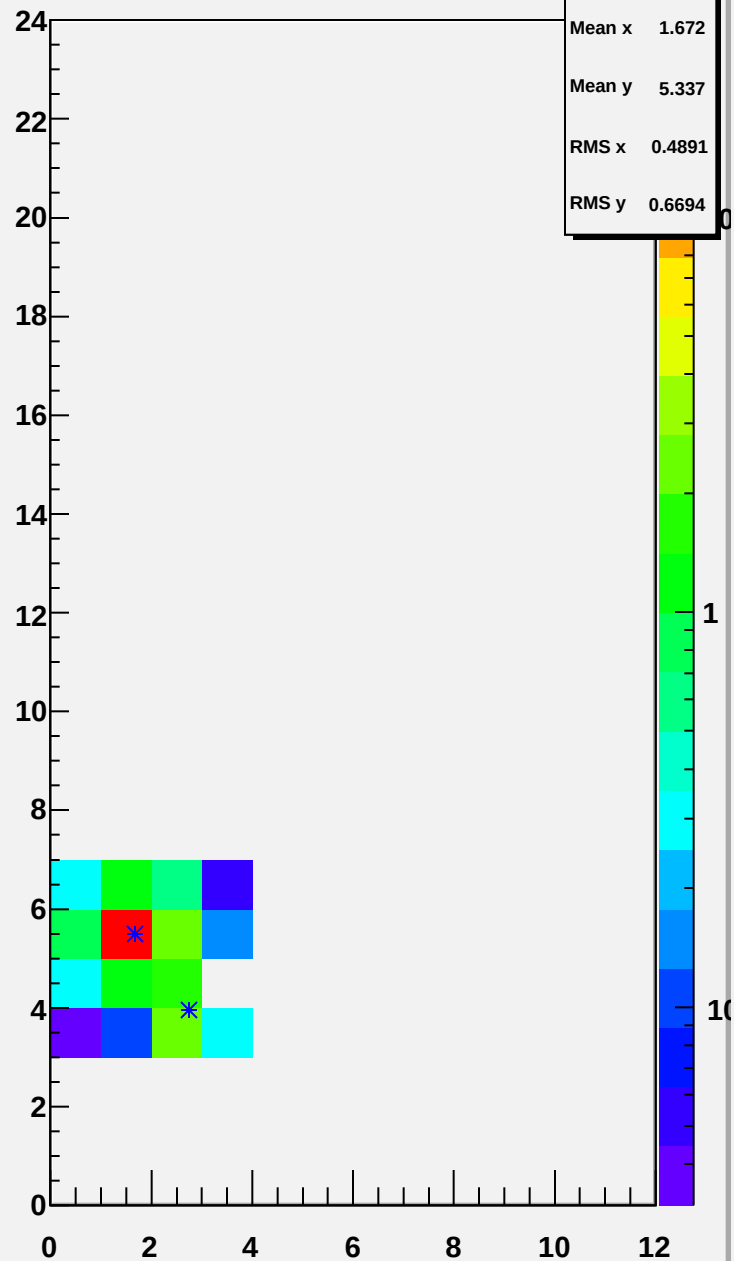
Efit

Entries	288
Mean x	0.8295
Mean y	6.318
RMS x	0.7164
RMS y	3.993

NSTB3_r4_c3_En=42.0_m0=0.141 m1=0.141 index=1601



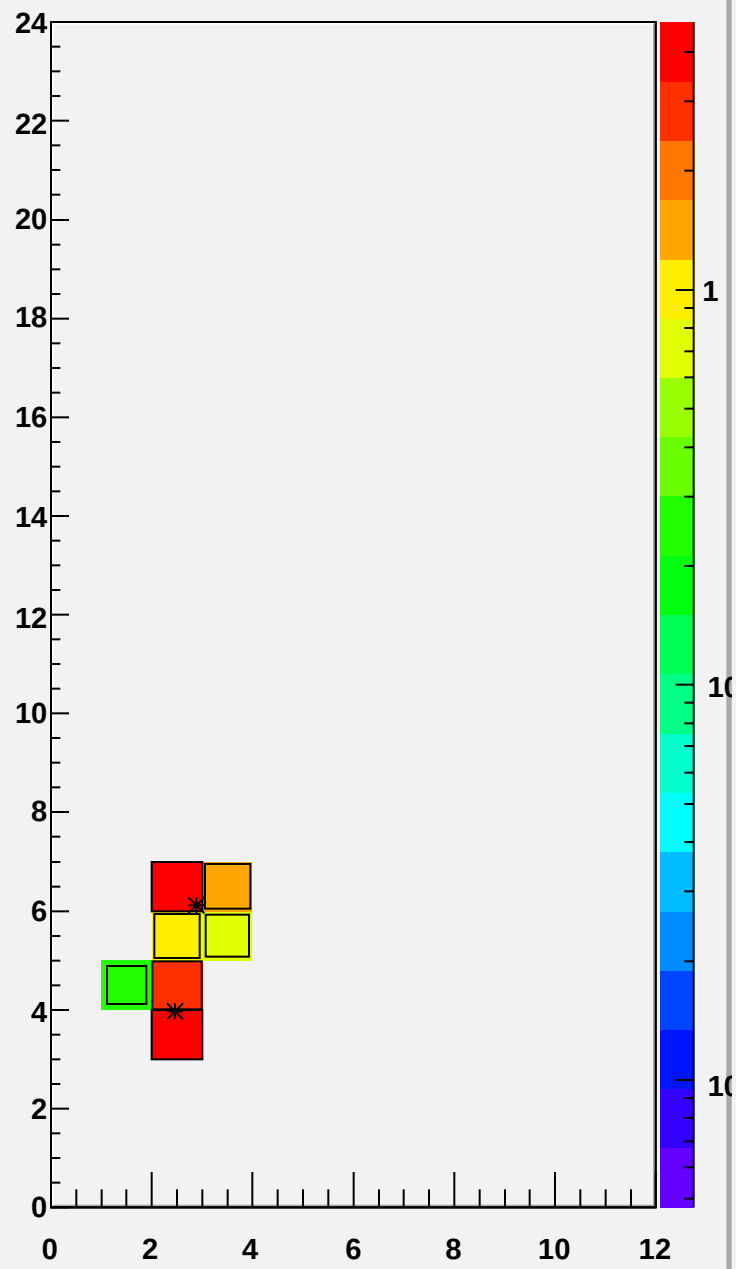
Fitted Energies



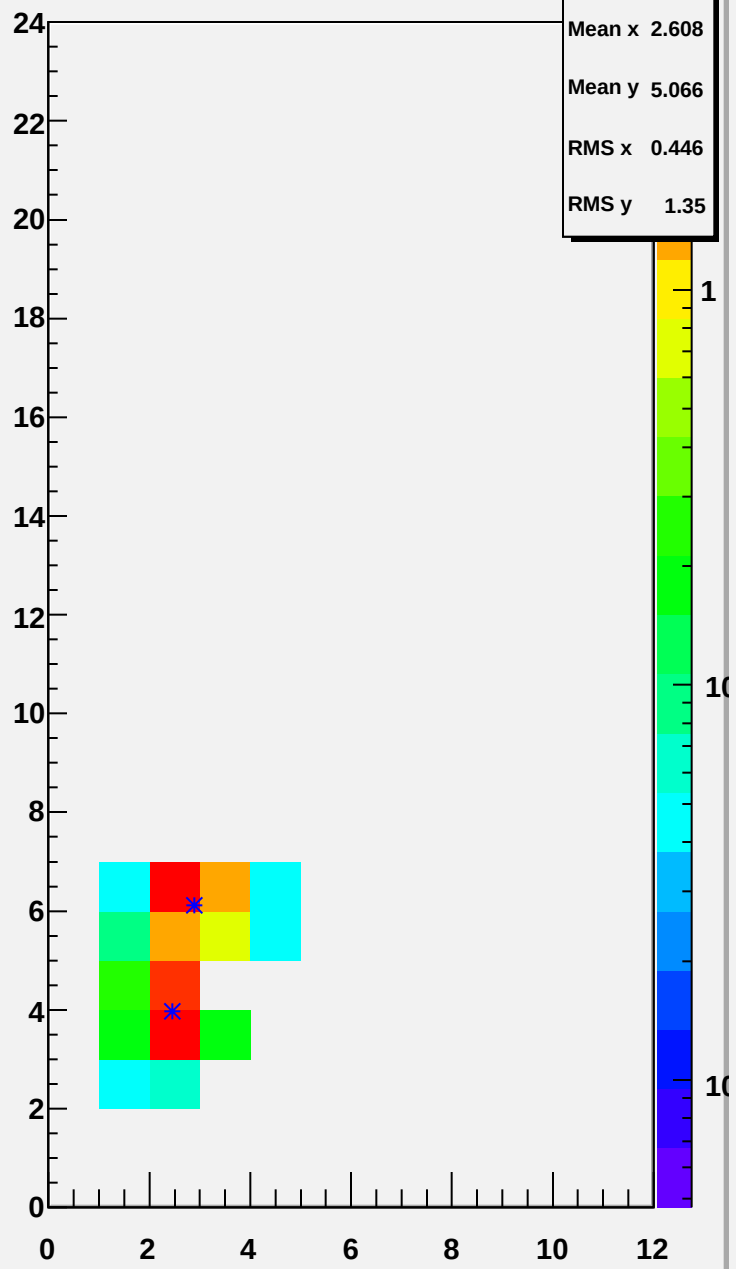
Efit

Entries	288
Mean x	1.672
Mean y	5.337
RMS x	0.4891
RMS y	0.6694

NSTB3_r4_c3_En=16.1_m0=0.105 m1=0.105 index=1603



Fitted Energies



Efit

Entries 288

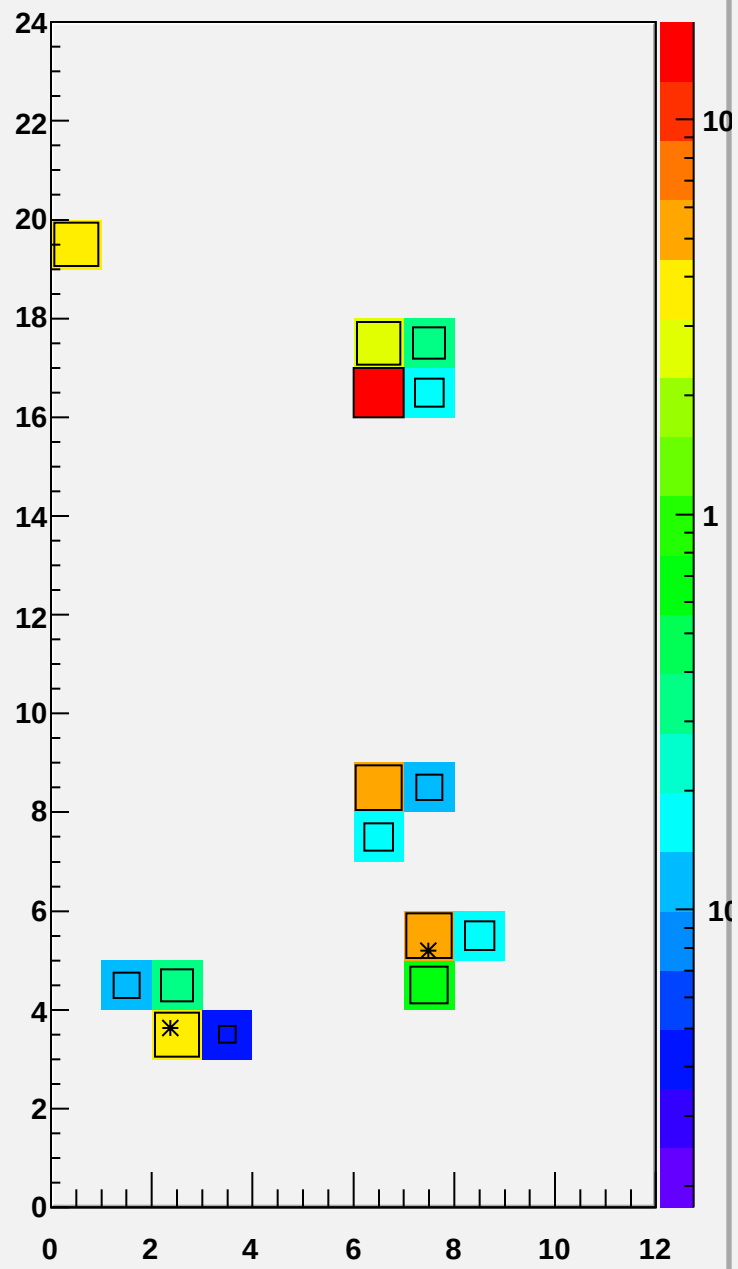
Mean x 2.608

Mean y 5.066

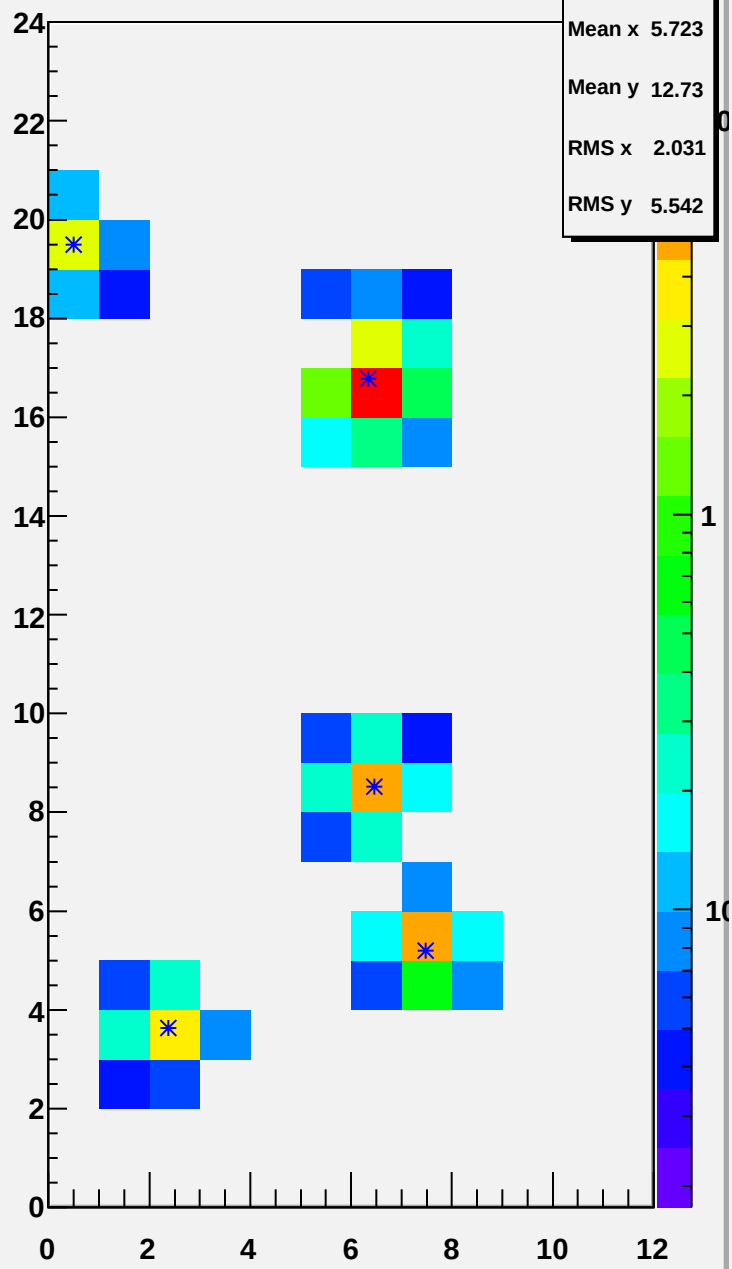
RMS x 0.446

RMS y 1.35

NSTB3_r4_c3_En=39.5_m0=0.156 m1=0.156 index=1604



Fitted Energies



Efit

Entries 288

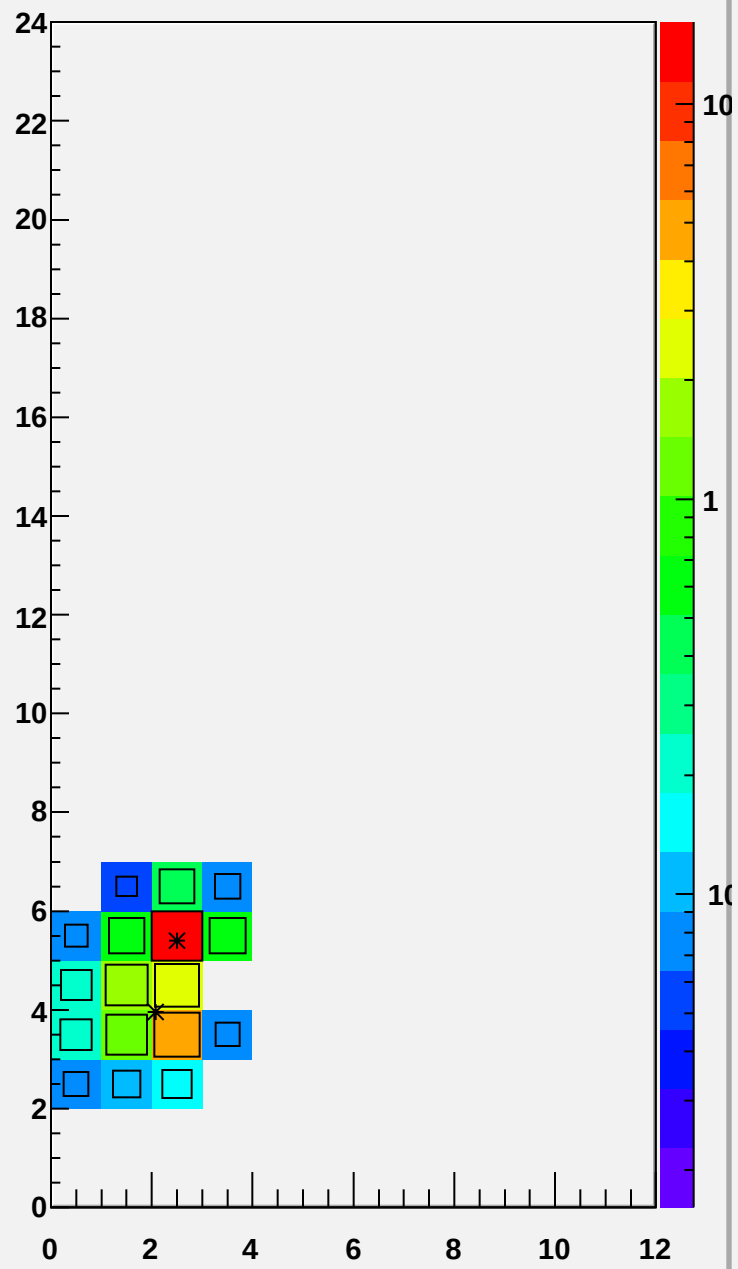
Mean x 5.723

Mean y 12.73

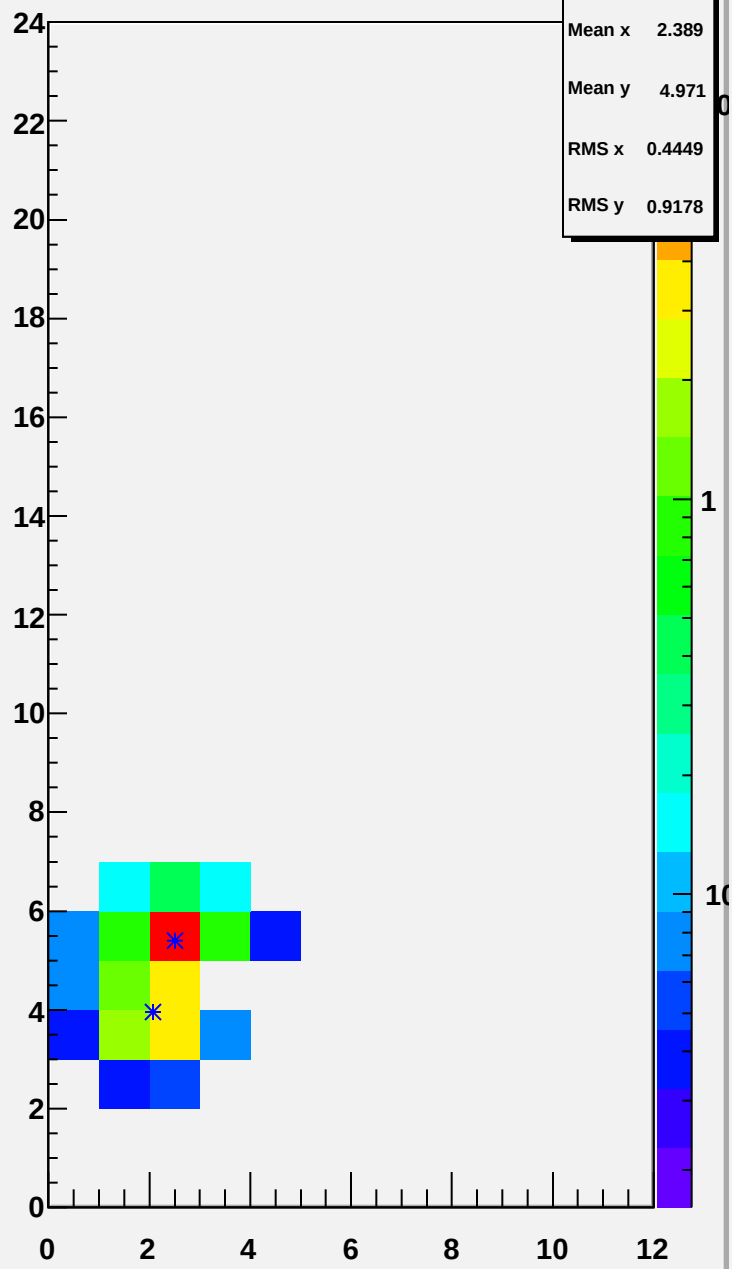
RMS x 2.031

RMS y 5.542

NSTB3_r4_c3_En=28.9_m0=0.112 m1=0.113 index=1605



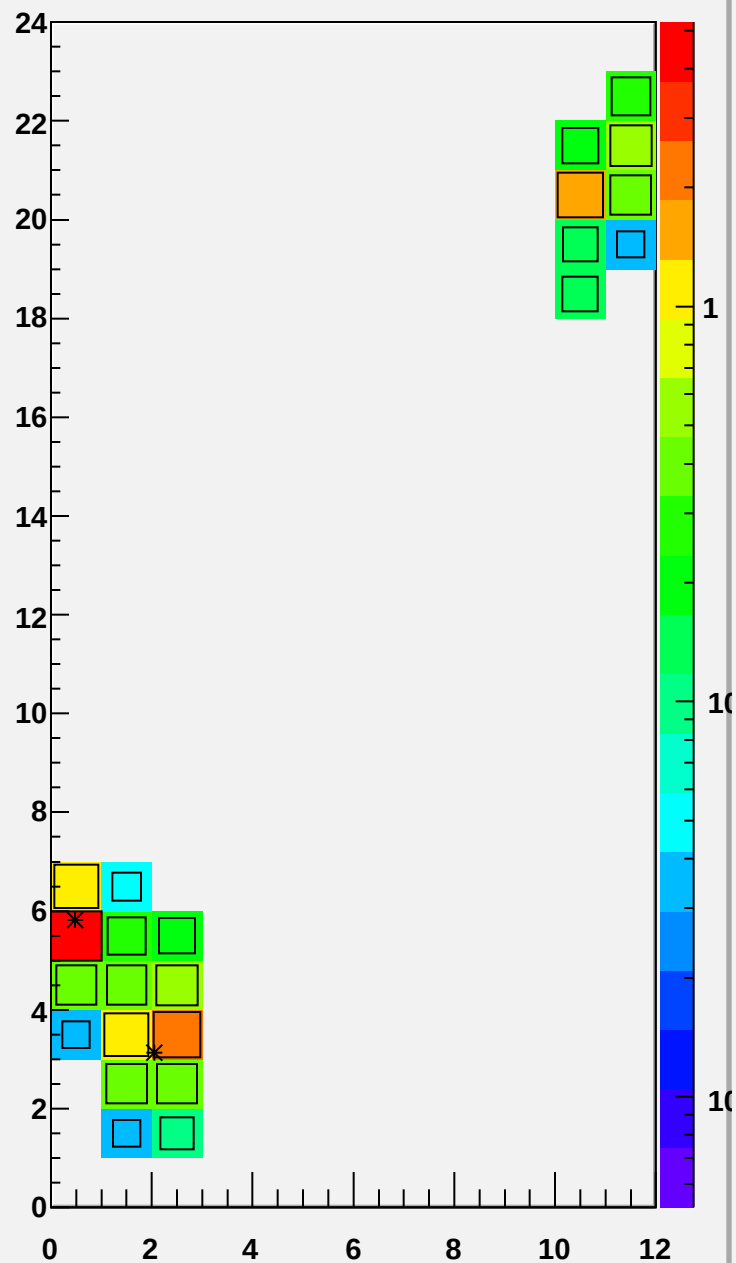
Fitted Energies



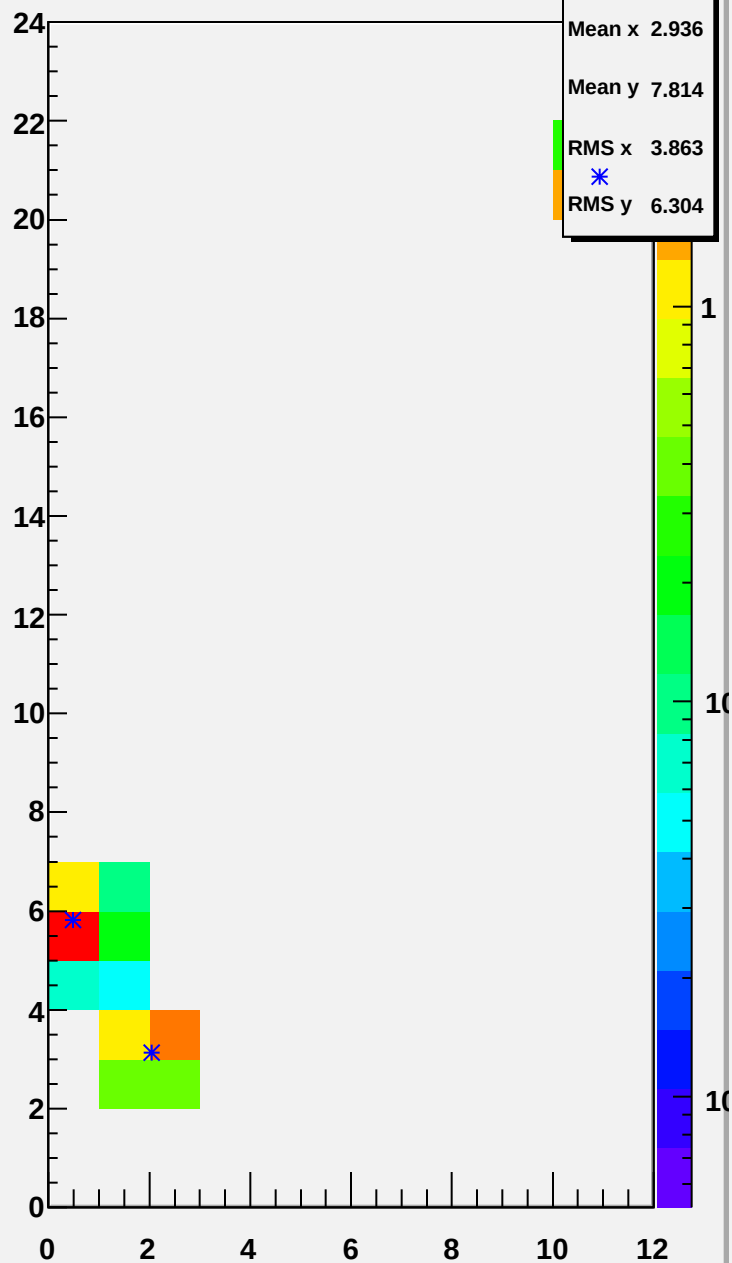
Efit

Entries	288
Mean x	2.389
Mean y	4.971
RMS x	0.4449
RMS y	0.9178

NSTB3_r4_c3_En=15.1_m0=0.092 m1=0.092 index=1606



Fitted Energies



Efit

Entries 288

Mean x 2.936

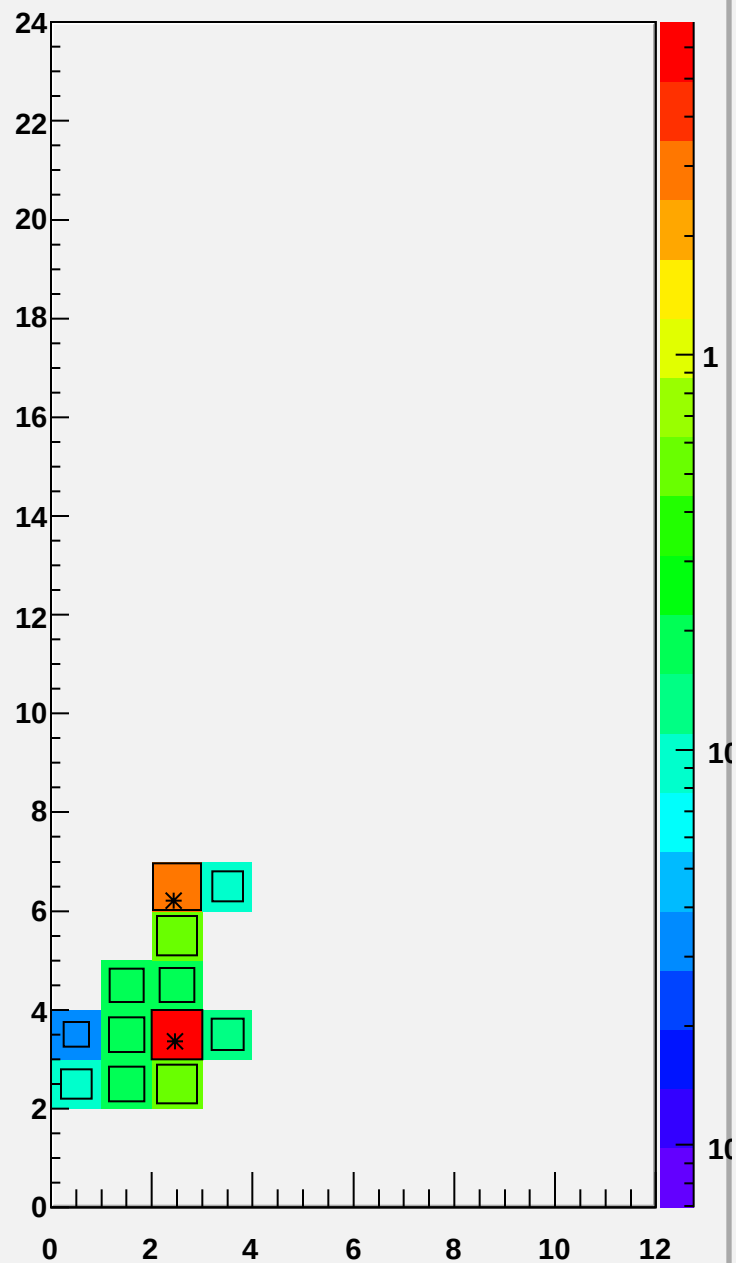
Mean y 7.814

RMS x 3.863

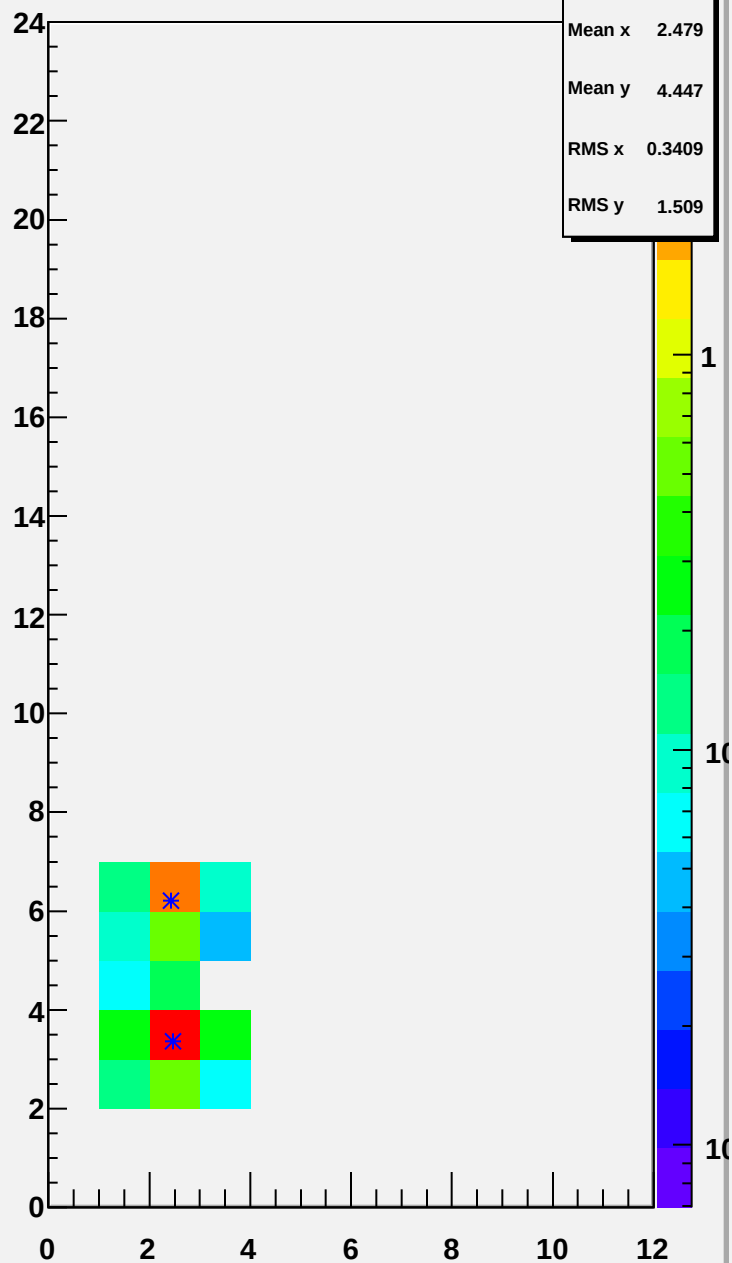
* * *

RMS y 6.304

NSTB3_r4_c3_En=12.4_m0=0.097 m1=0.097 index=1607



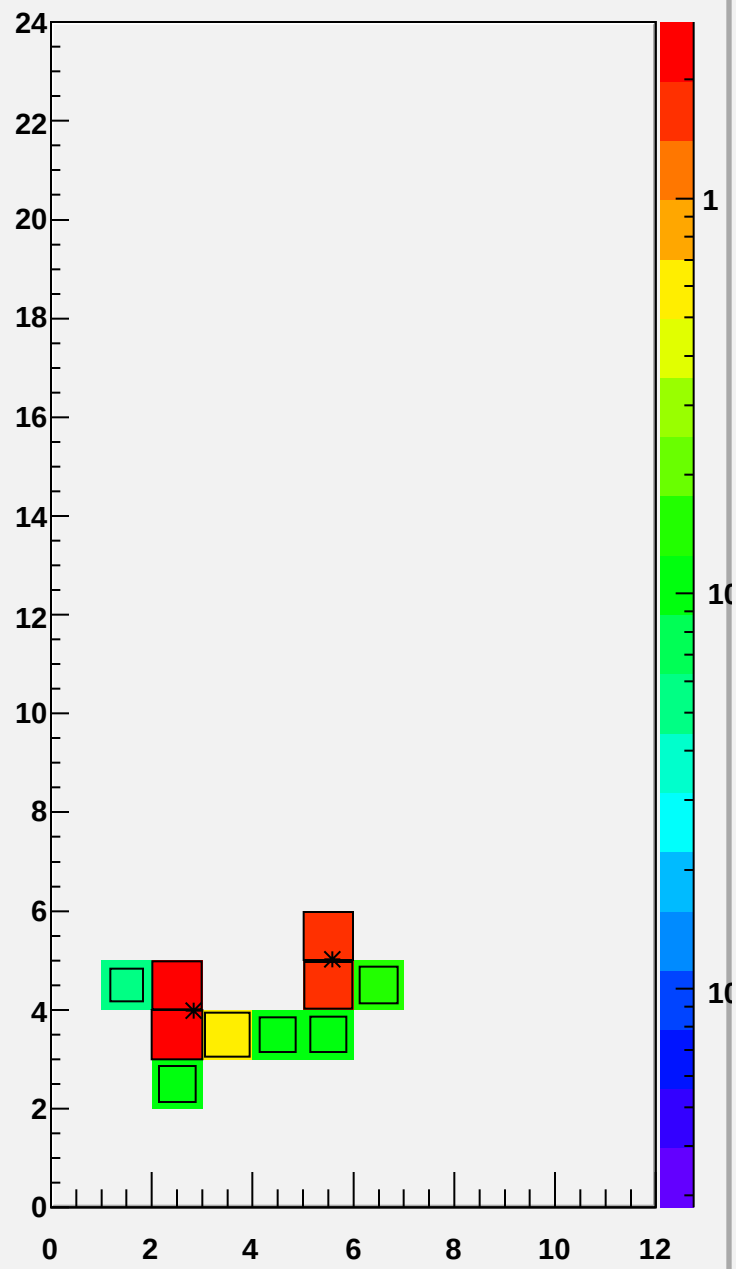
Fitted Energies



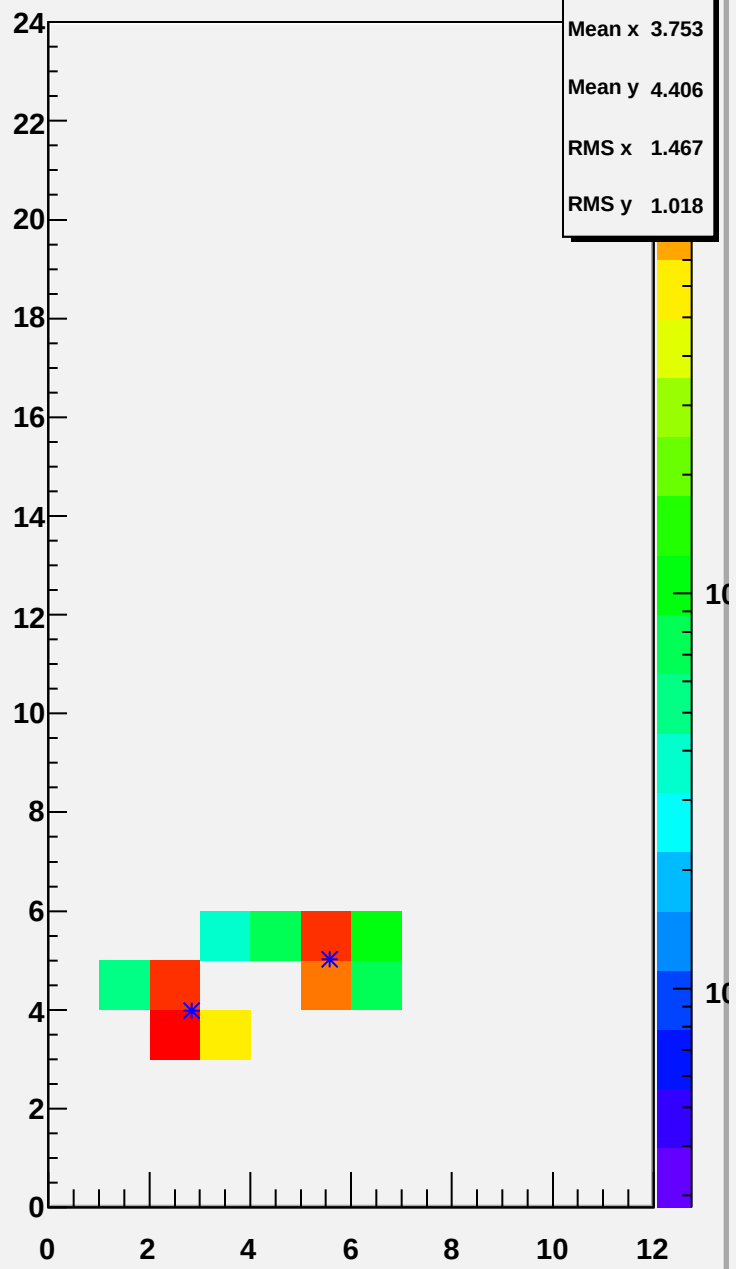
Efit

Entries	288
Mean x	2.479
Mean y	4.447
RMS x	0.3409
RMS y	1.509

NSTB3_r4_c3_En= 9.3_m0=0.080 m1=0.080 index=1608



Fitted Energies



Efit

Entries 288

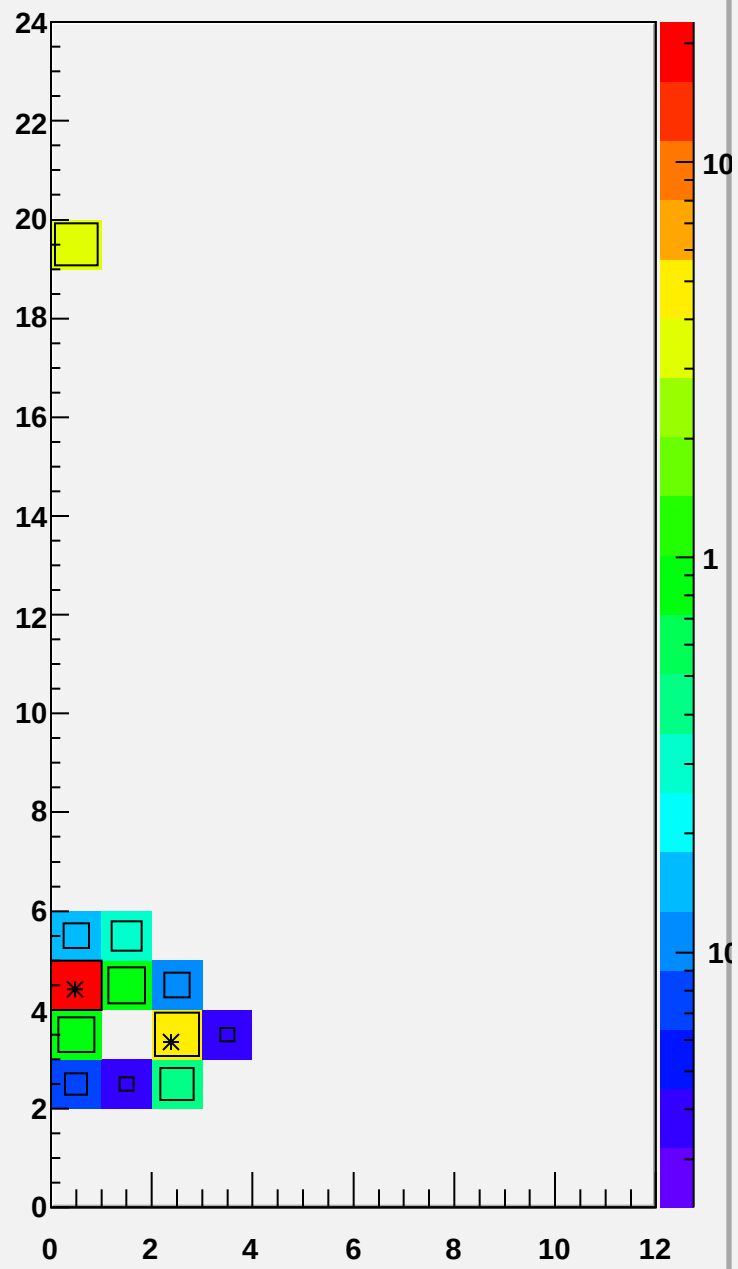
Mean x 3.753

Mean y 4.406

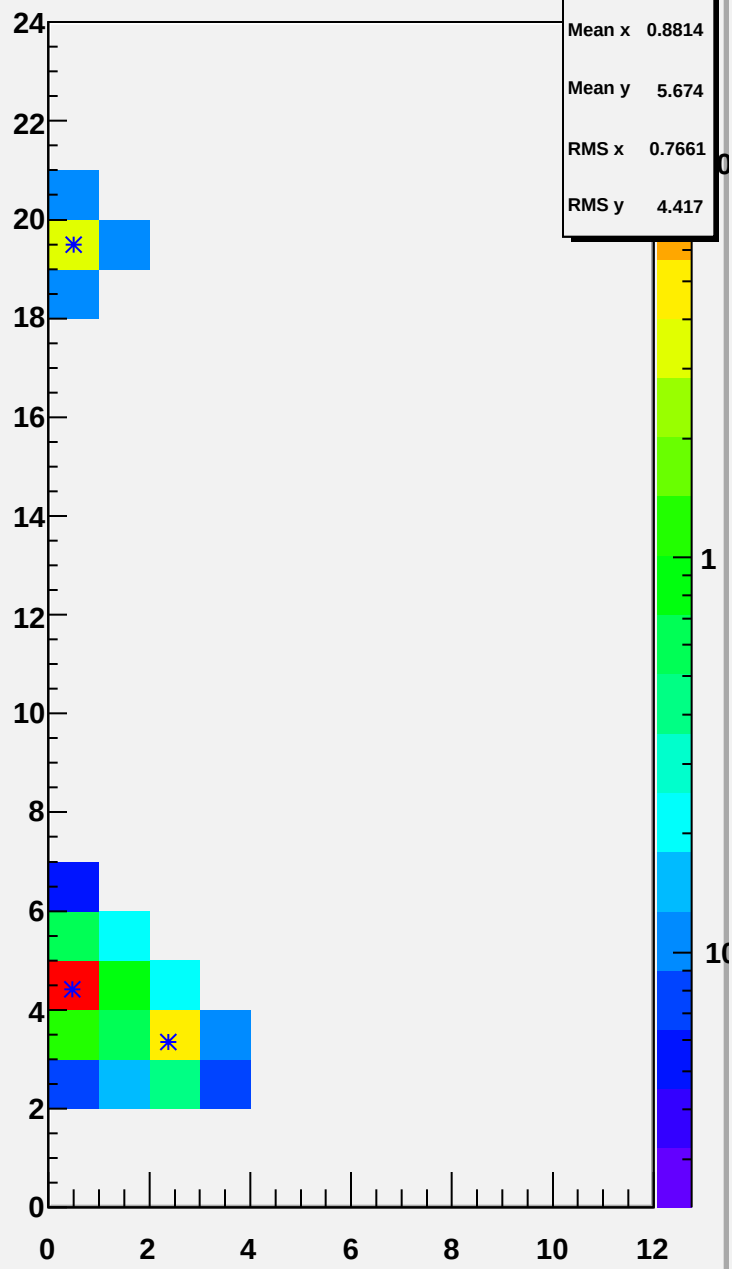
RMS x 1.467

RMS y 1.018

NSTB3_r4_c3_En=33.4_m0=0.153 m1=0.153 index=1609



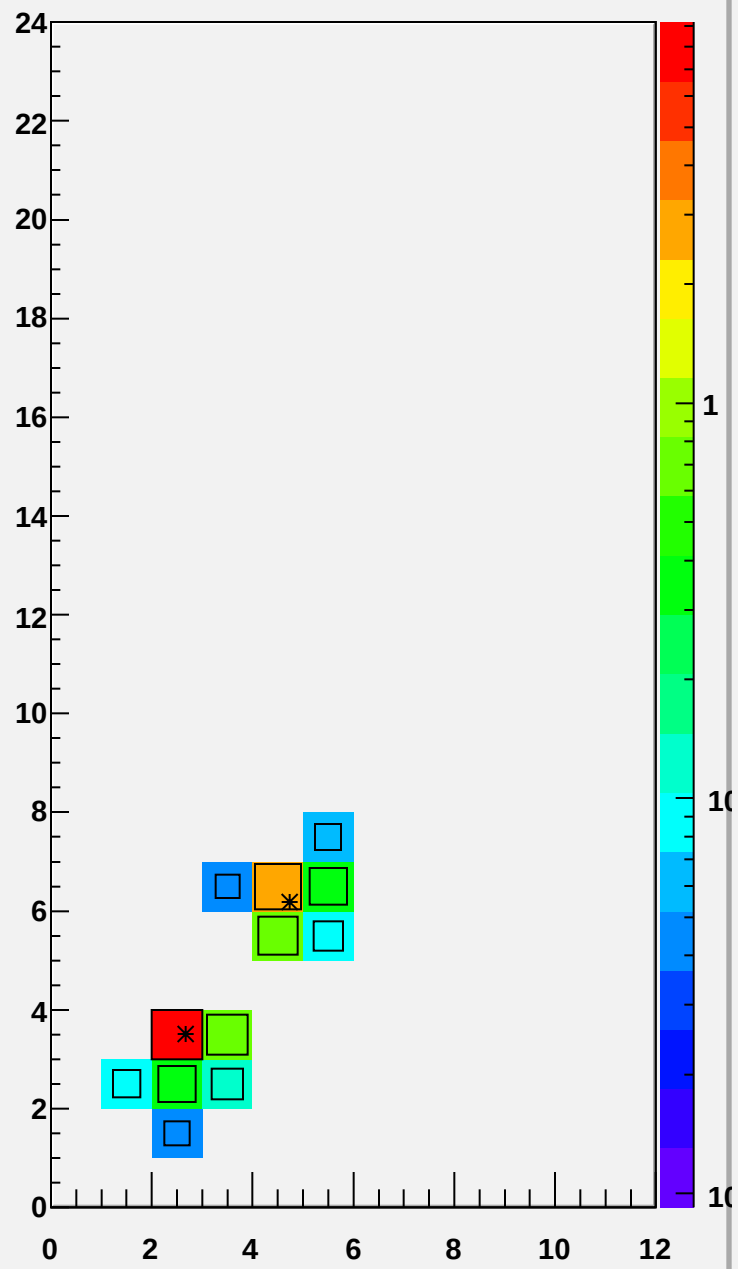
Fitted Energies



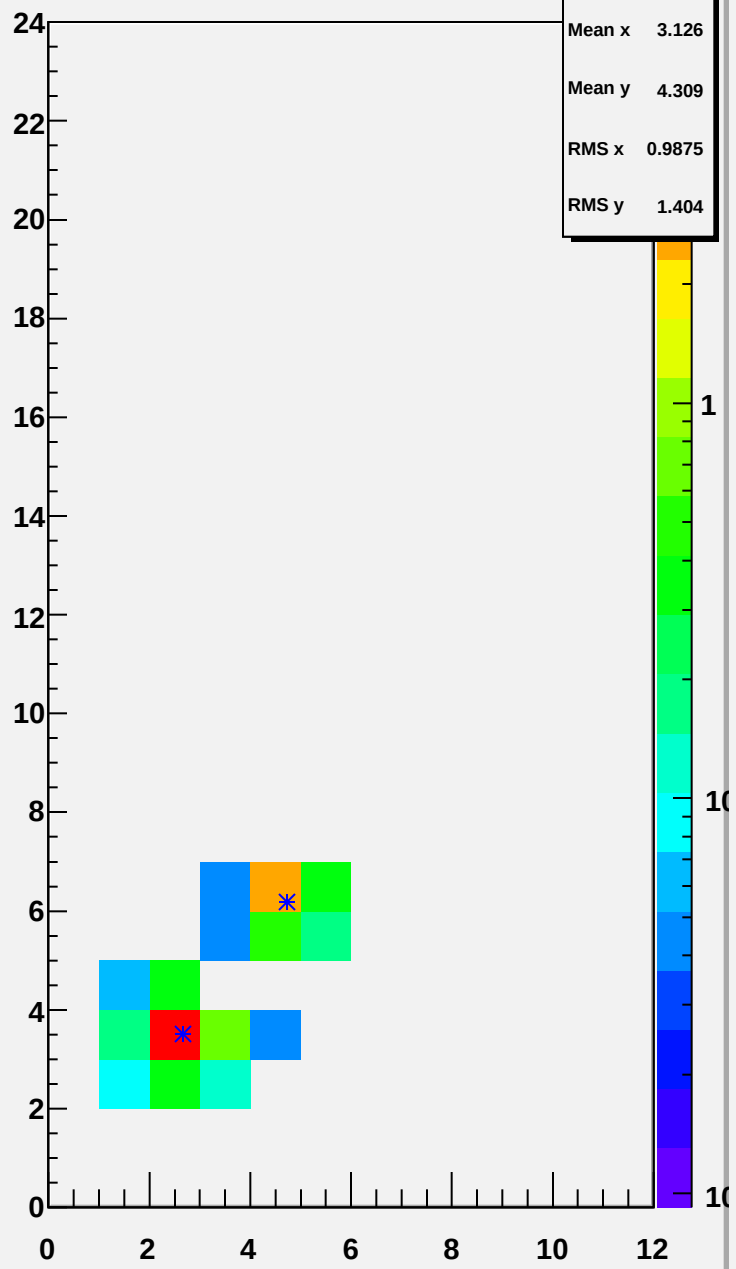
Efit

Entries	288
Mean x	0.8814
Mean y	5.674
RMS x	0.7661
RMS y	4.417

NSTB3_r4_c3_En=15.0_m0=0.134 m1=0.134 index=1612



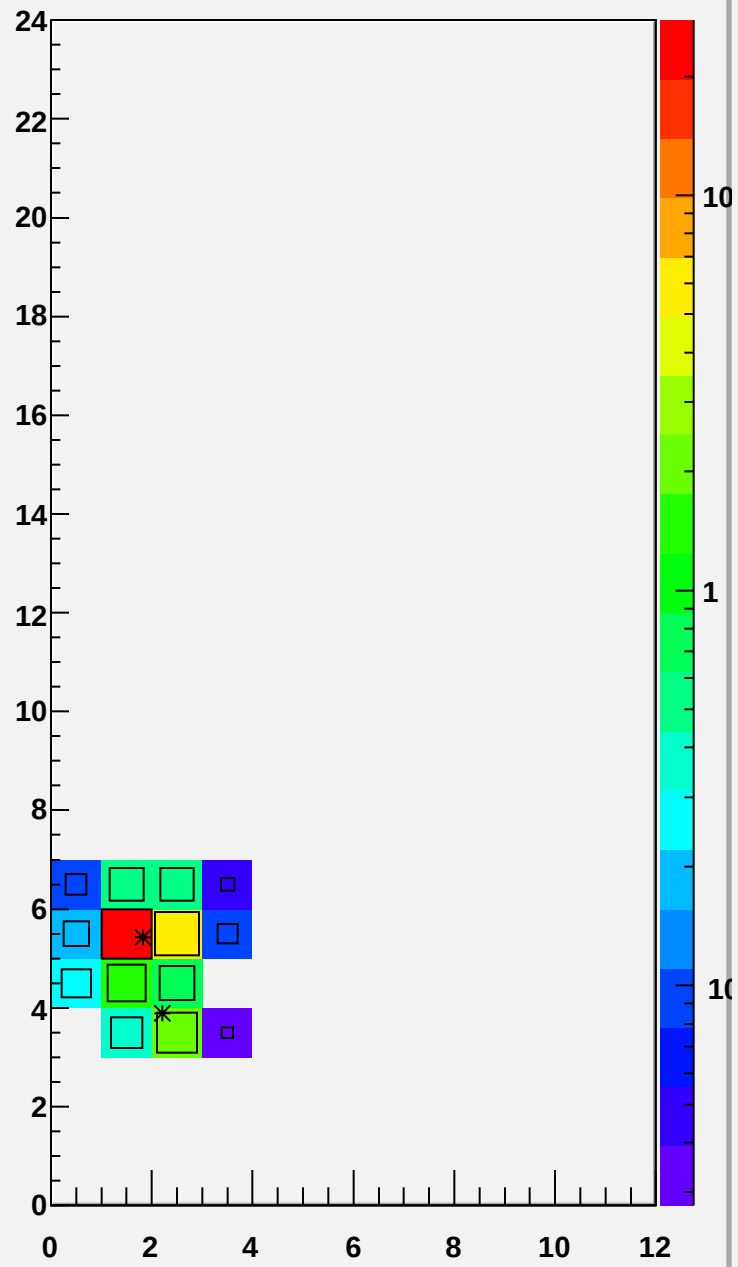
Fitted Energies



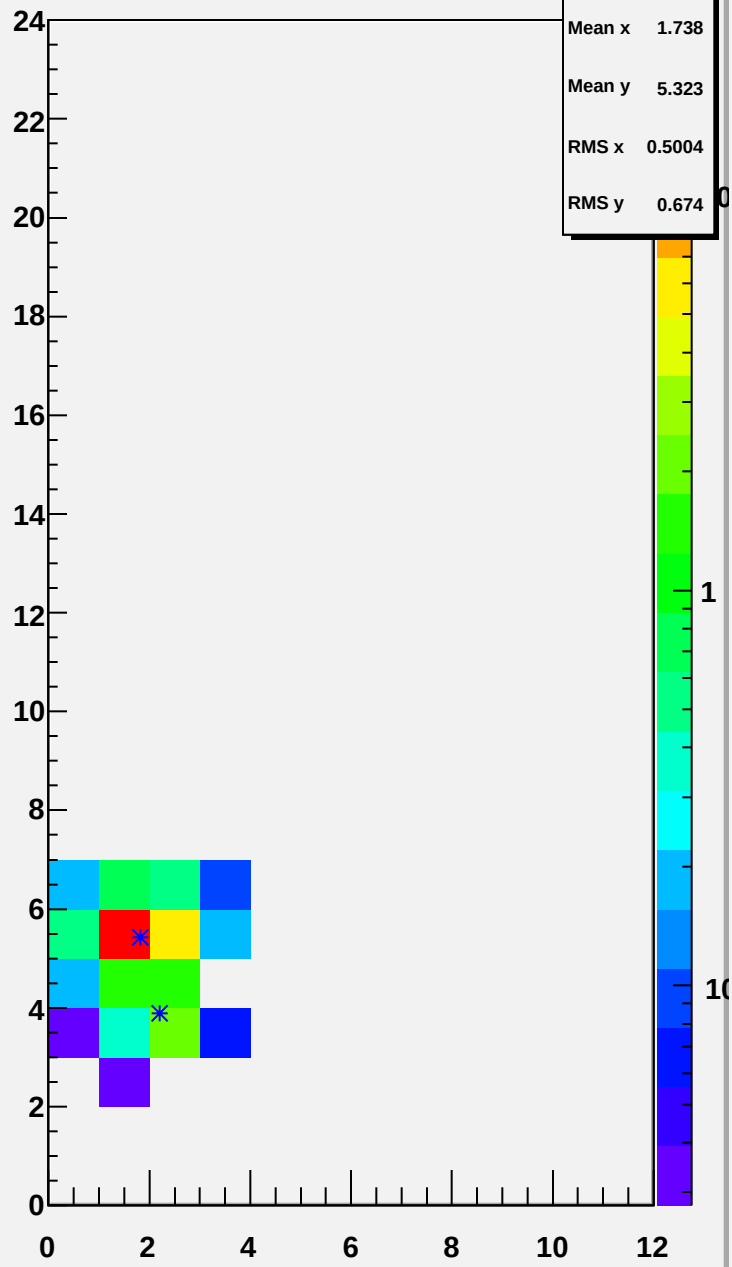
Efit

Entries	288
Mean x	3.126
Mean y	4.309
RMS x	0.9875
RMS y	1.404

NSTB3_r4_c3_En=39.8_m0=0.105 m1=0.106 index=1614



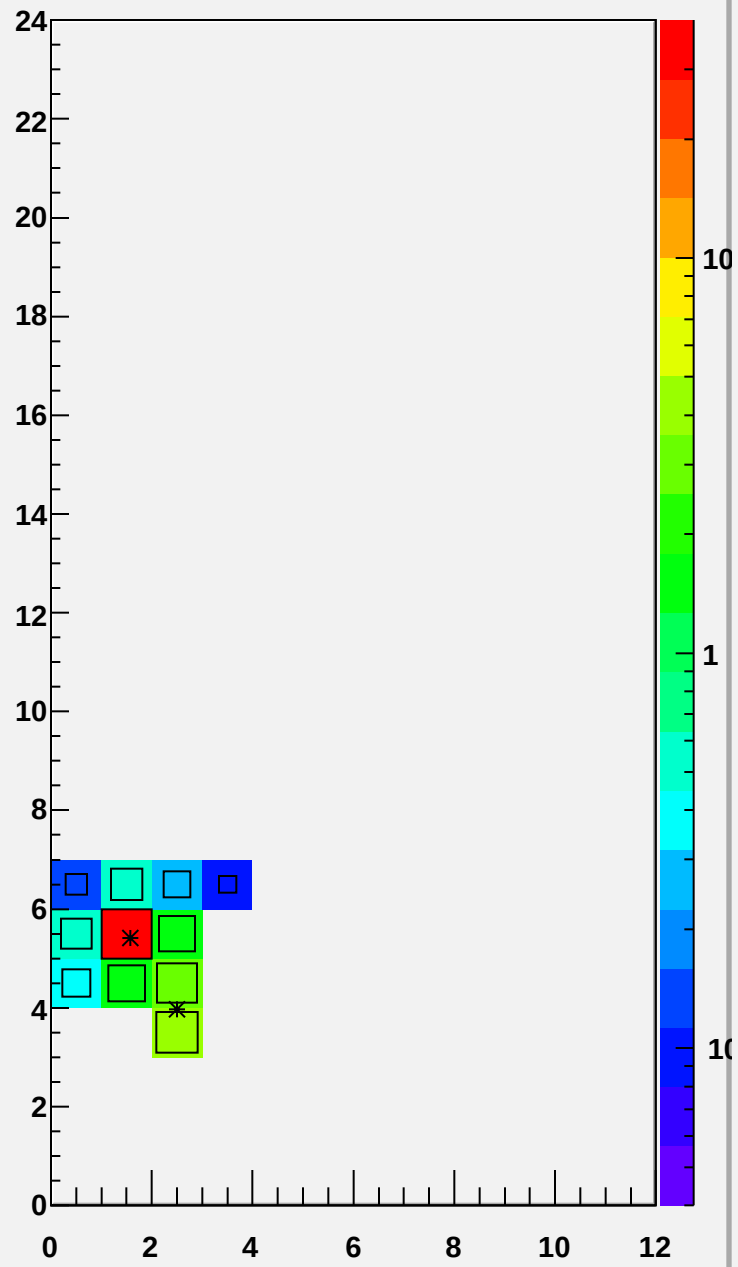
Fitted Energies



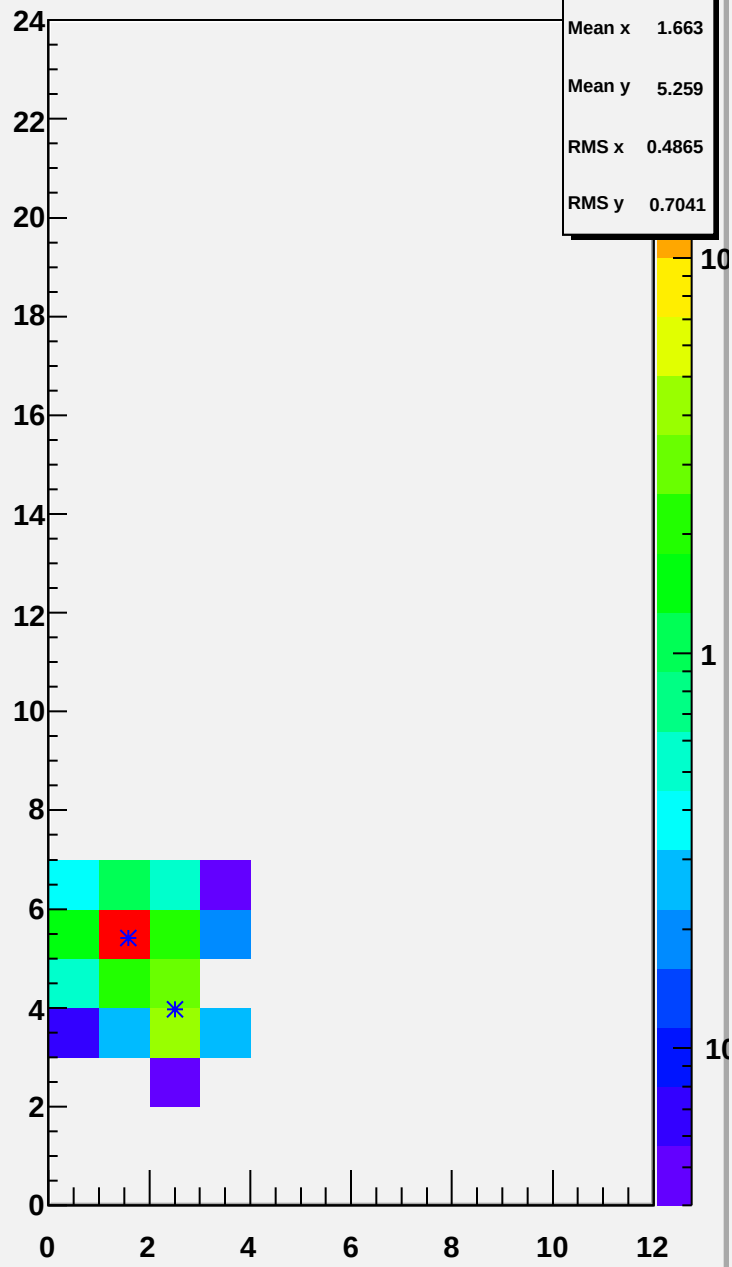
Efit

Entries	288
Mean x	1.738
Mean y	5.323
RMS x	0.5004
RMS y	0.674

NSTB3_r4_c3_En=52.5_m0=0.187 m1=0.188 index=1615



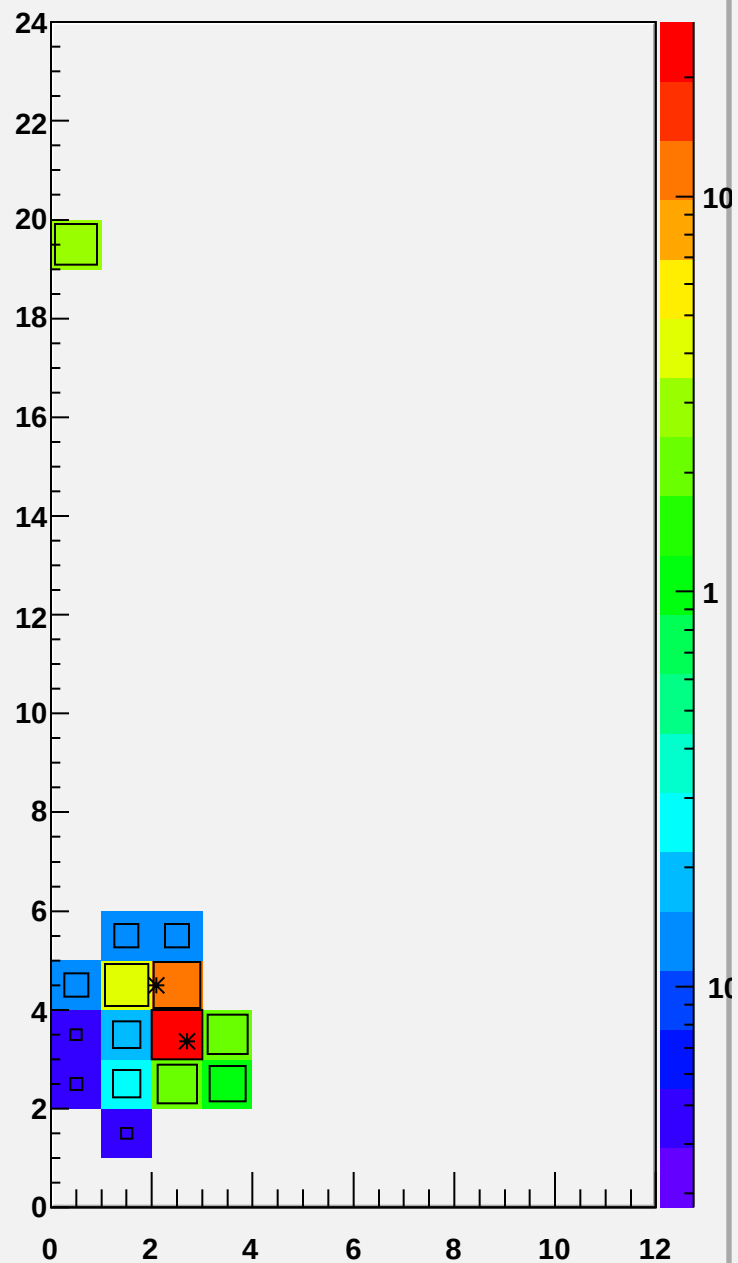
Fitted Energies



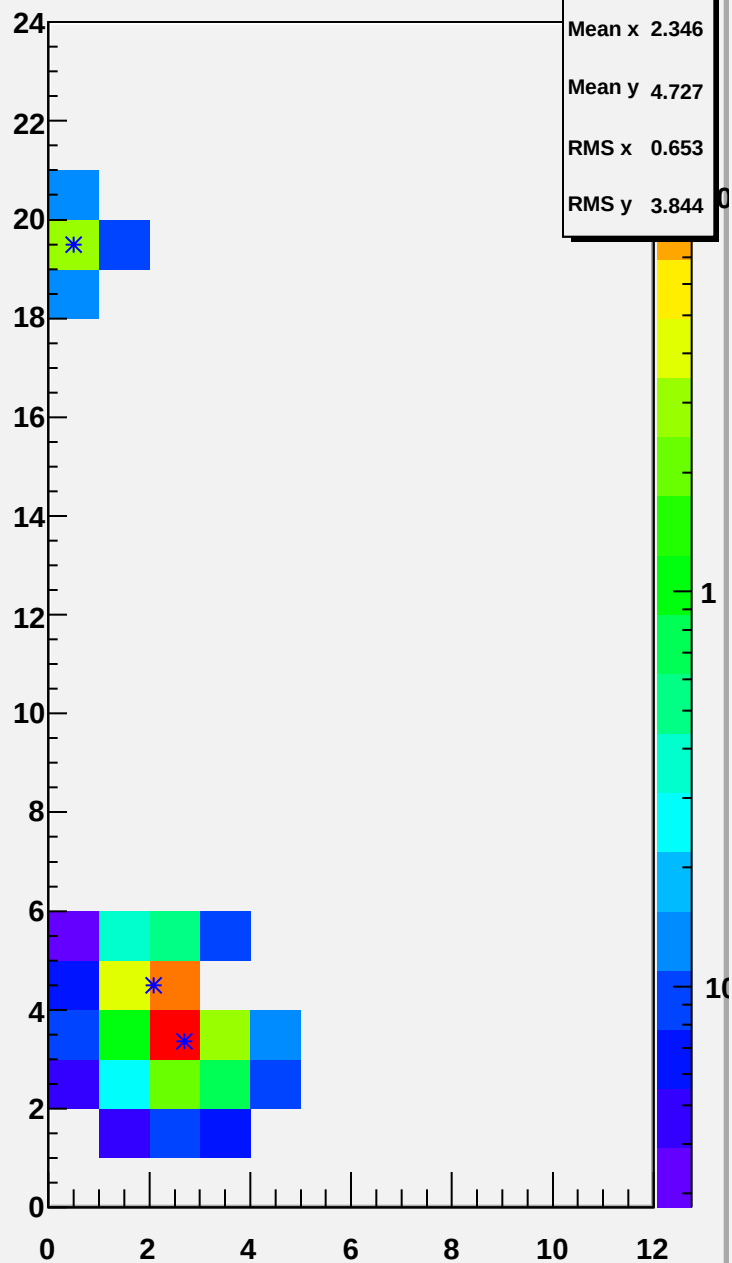
Efit

Entries	288
Mean x	1.663
Mean y	5.259
RMS x	0.4865
RMS y	0.7041

NSTB3_r4_c3_En=51.2_m0=0.156 m1=0.155 index=1616



Fitted Energies



Efit

Entries 288

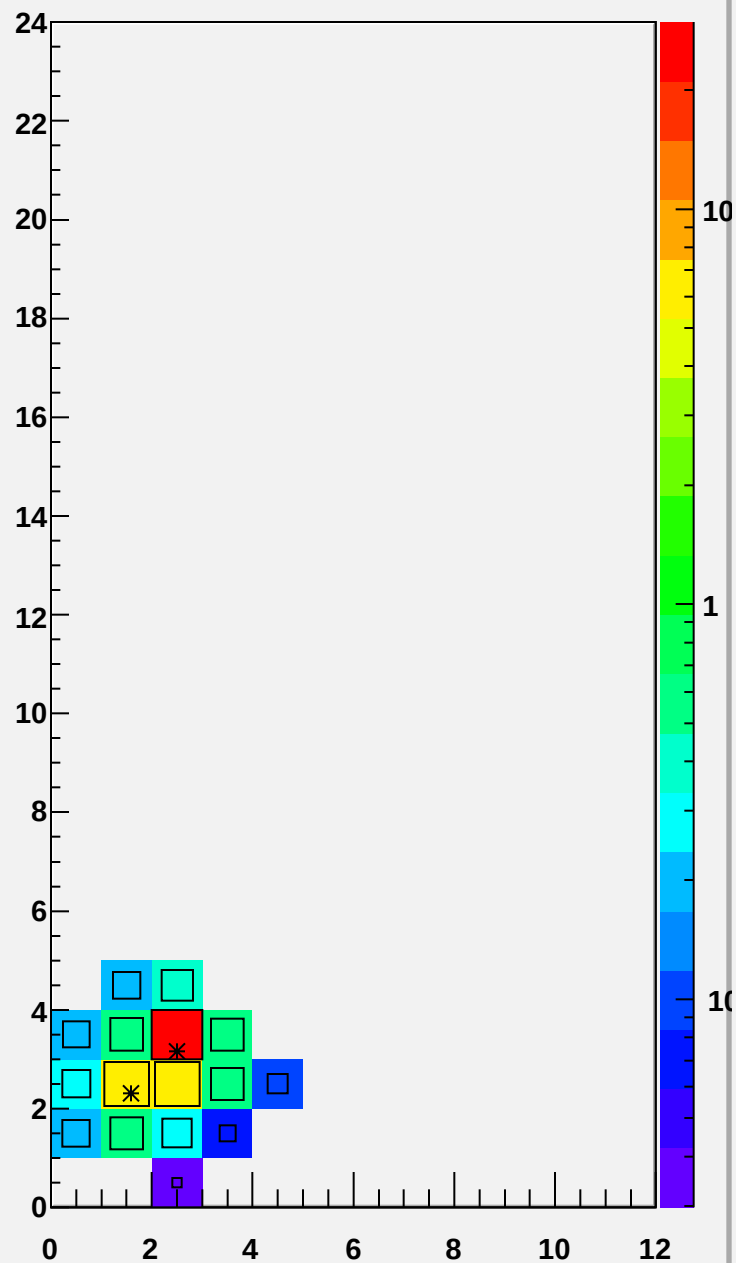
Mean x 2.346

Mean y 4.727

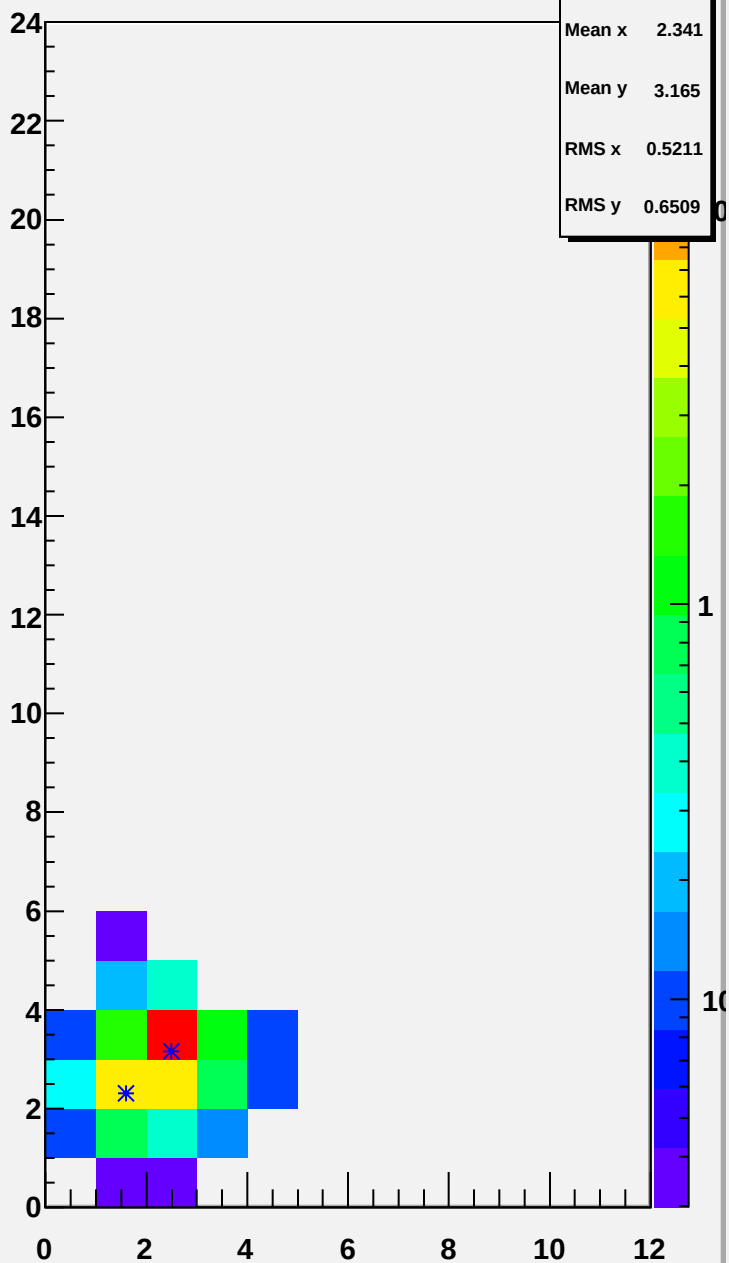
RMS x 0.653

RMS y 3.844

NSTB3_r4_c3_En=47.8_m0=0.121 m1=0.121 index=1617



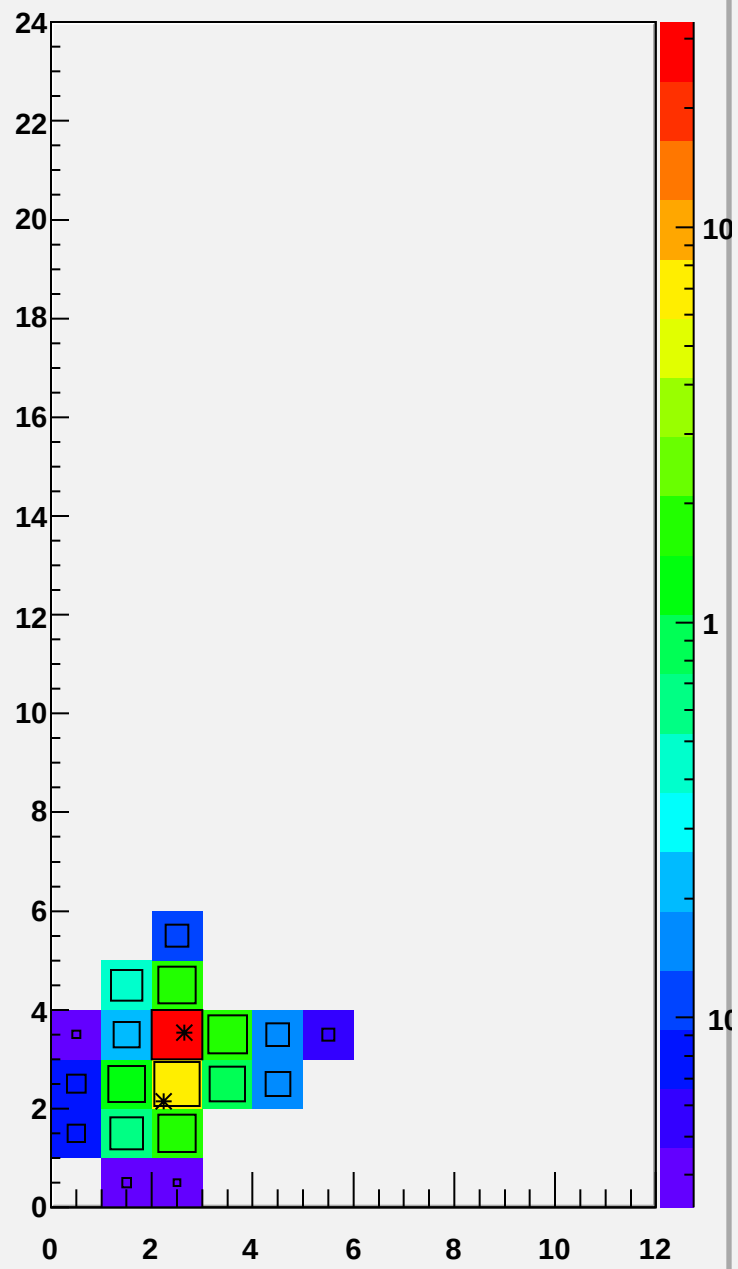
Fitted Energies



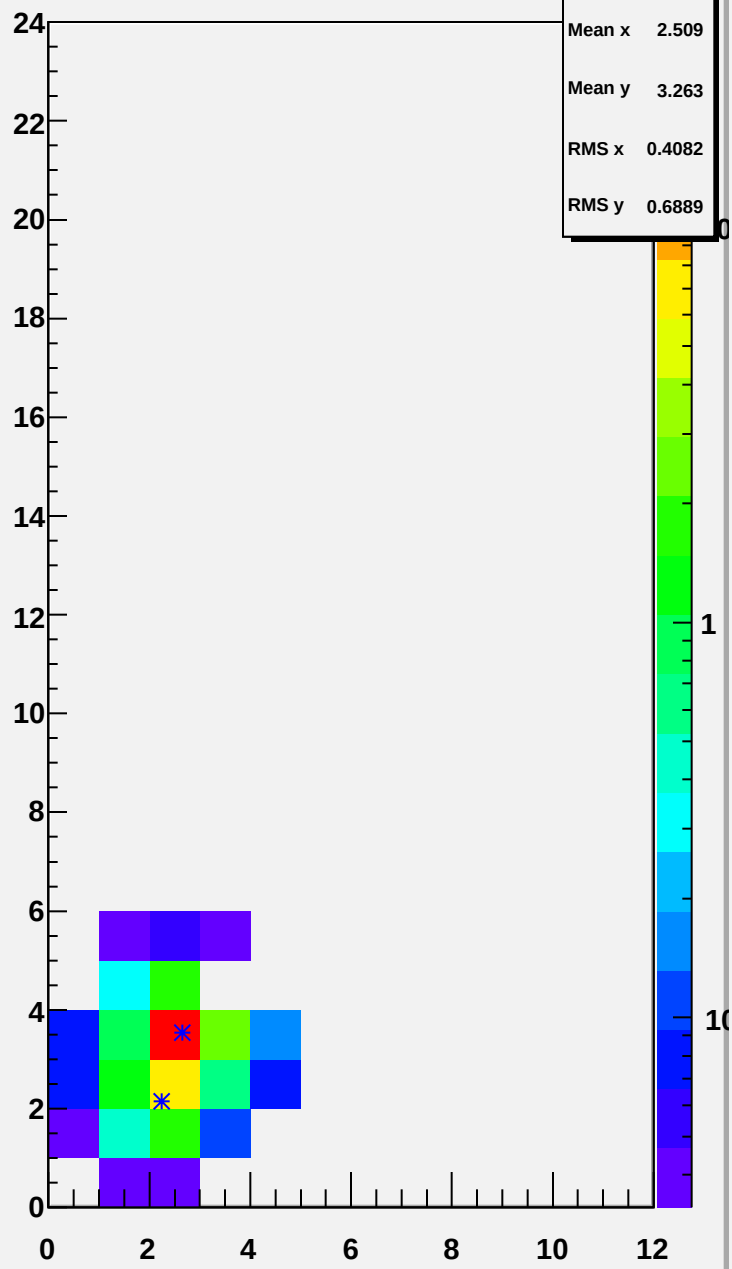
Efit

Entries	288
Mean x	2.341
Mean y	3.165
RMS x	0.5211
RMS y	0.6509

NSTB3_r4_c3_En=50.3_m0=0.161 m1=0.161 index=1618



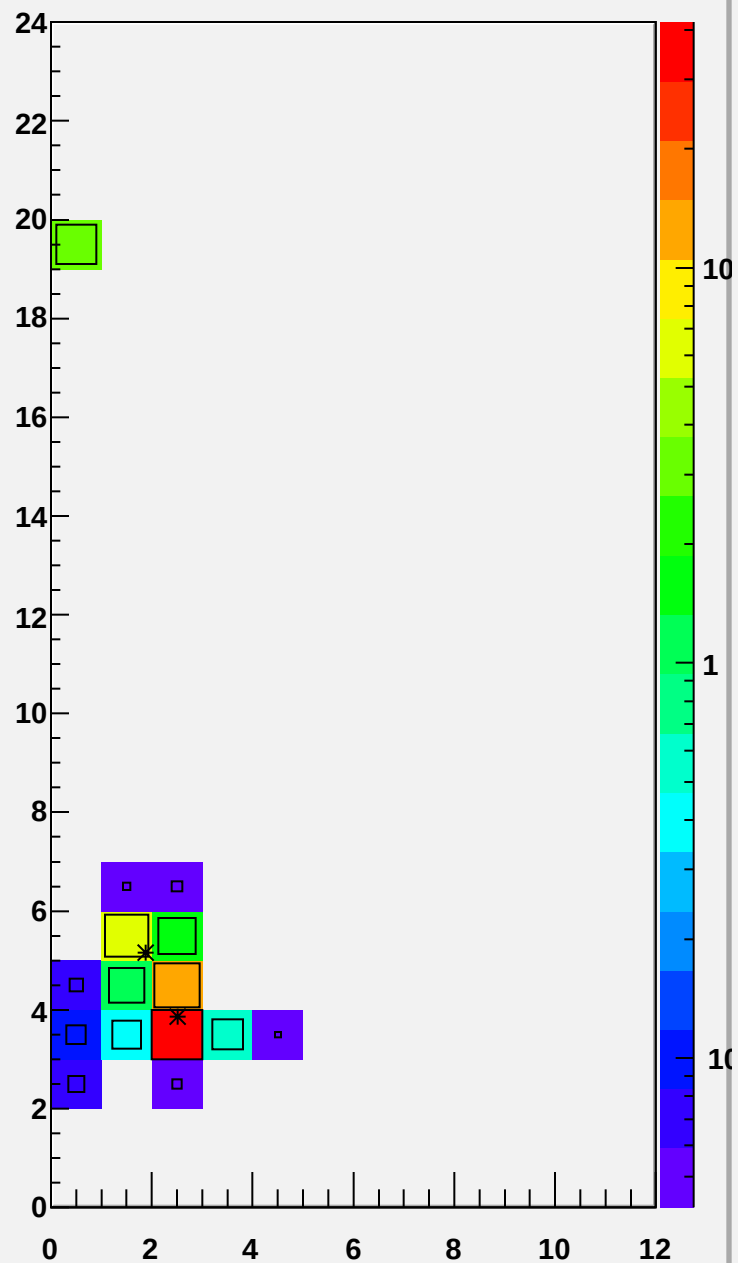
Fitted Energies



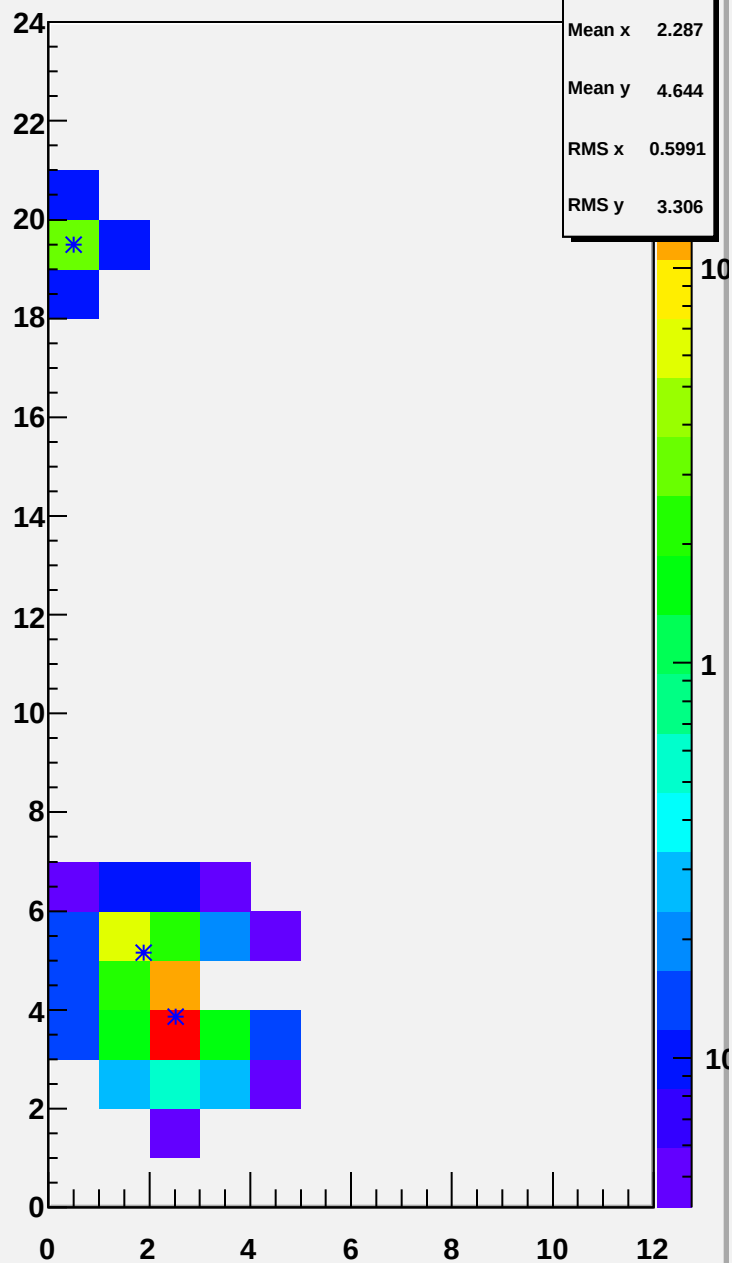
Efit

Entries	288
Mean x	2.509
Mean y	3.263
RMS x	0.4082
RMS y	0.6889

NSTB3_r4_c3_En=66.2_m0=0.194_m1=0.193_index=1619



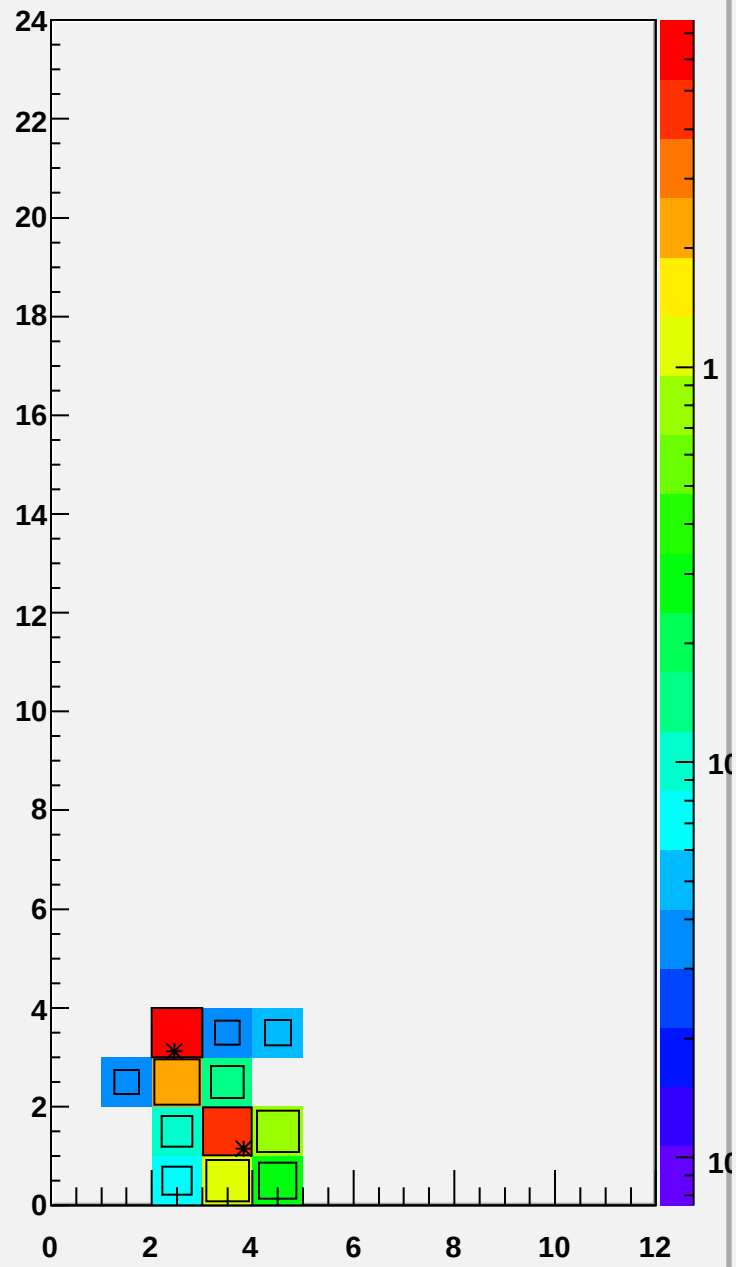
Fitted Energies



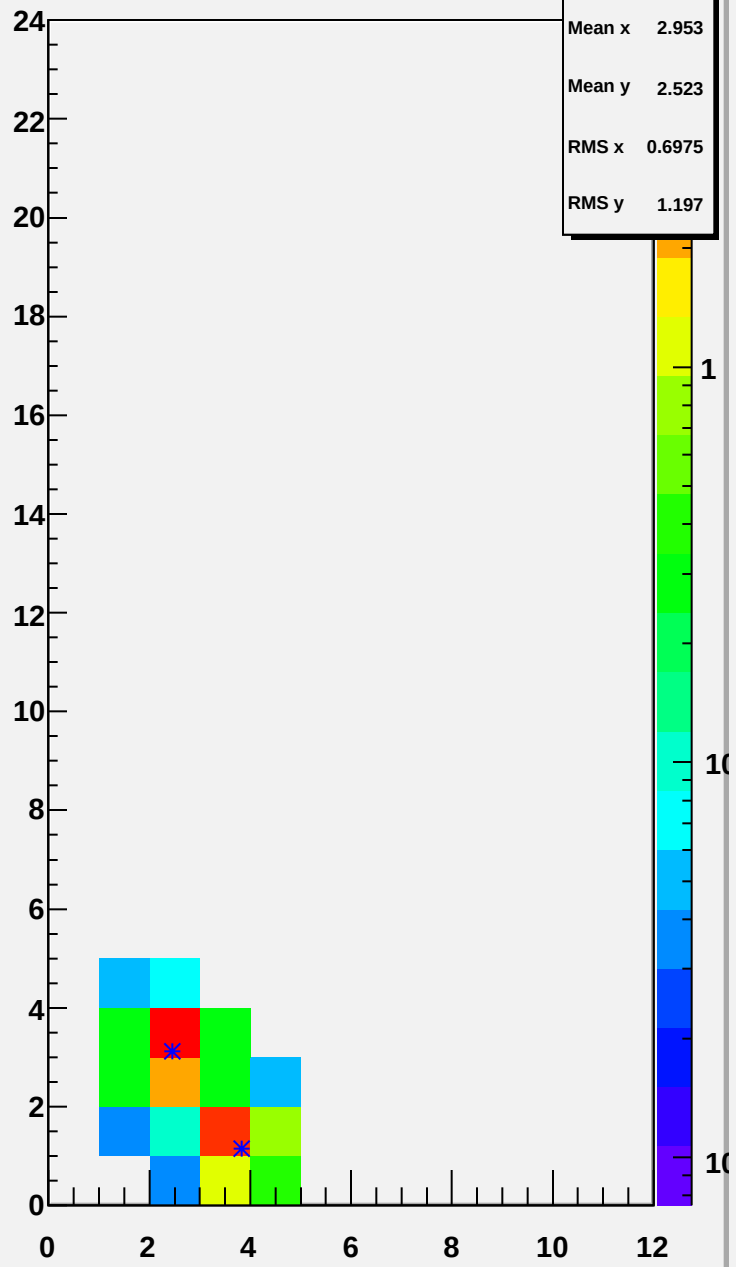
Efit

Entries	288
Mean x	2.287
Mean y	4.644
RMS x	0.5991
RMS y	3.306

NSTB3_r4_c3_En=17.0_m0=0.117 m1=0.117 index=1620



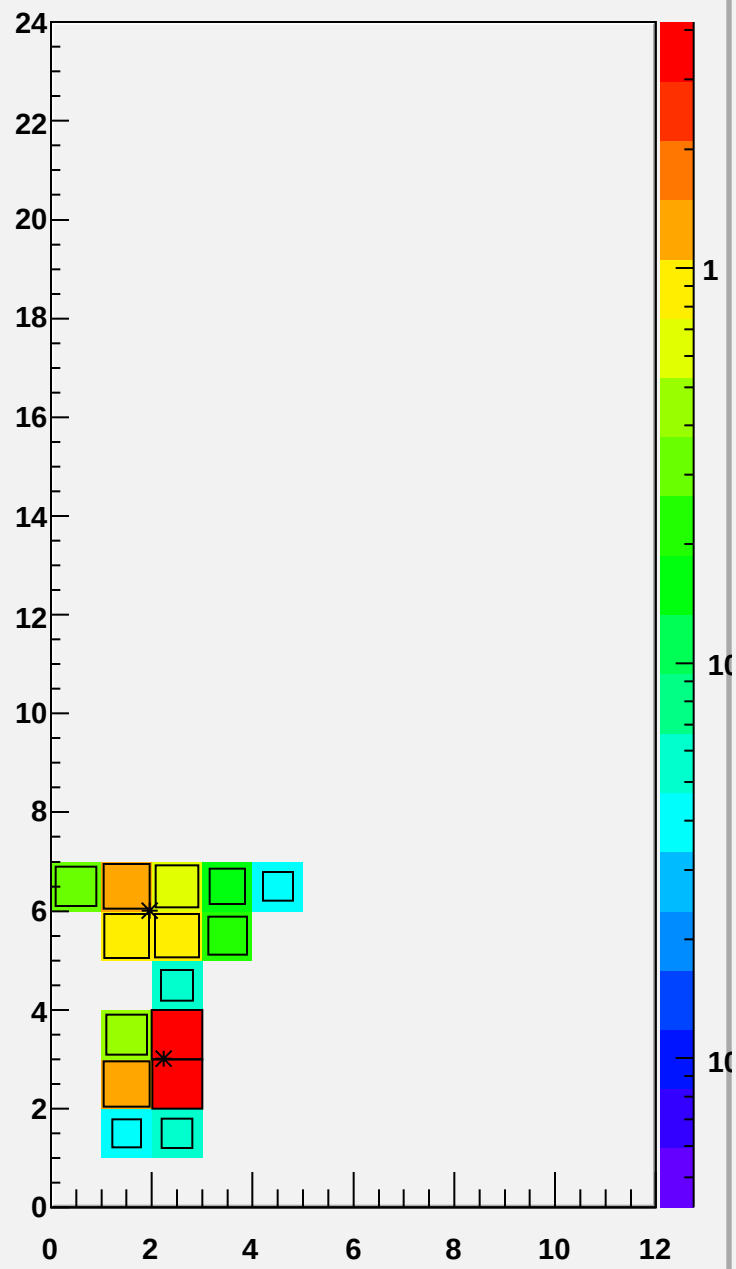
Fitted Energies



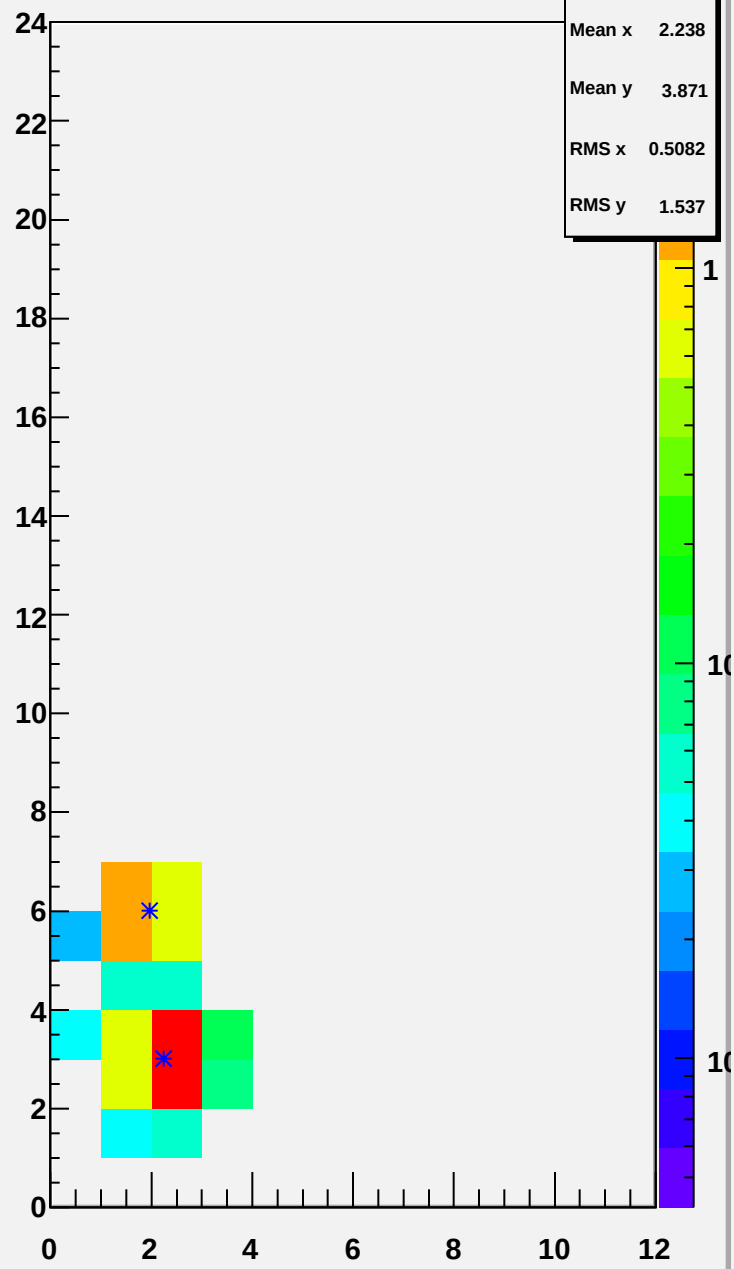
Efit

Entries	288
Mean x	2.953
Mean y	2.523
RMS x	0.6975
RMS y	1.197

NSTB3_r4_c3_En=14.1_m0=0.105 m1=0.105 index=1621



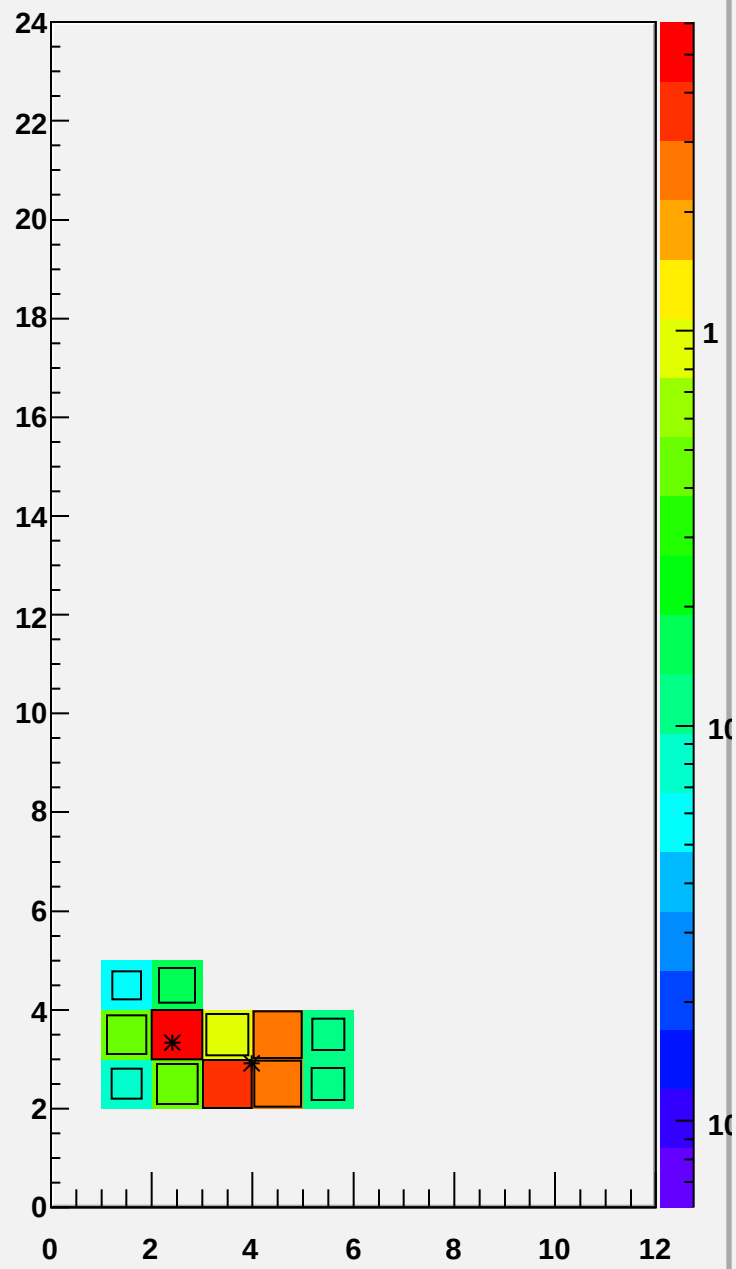
Fitted Energies



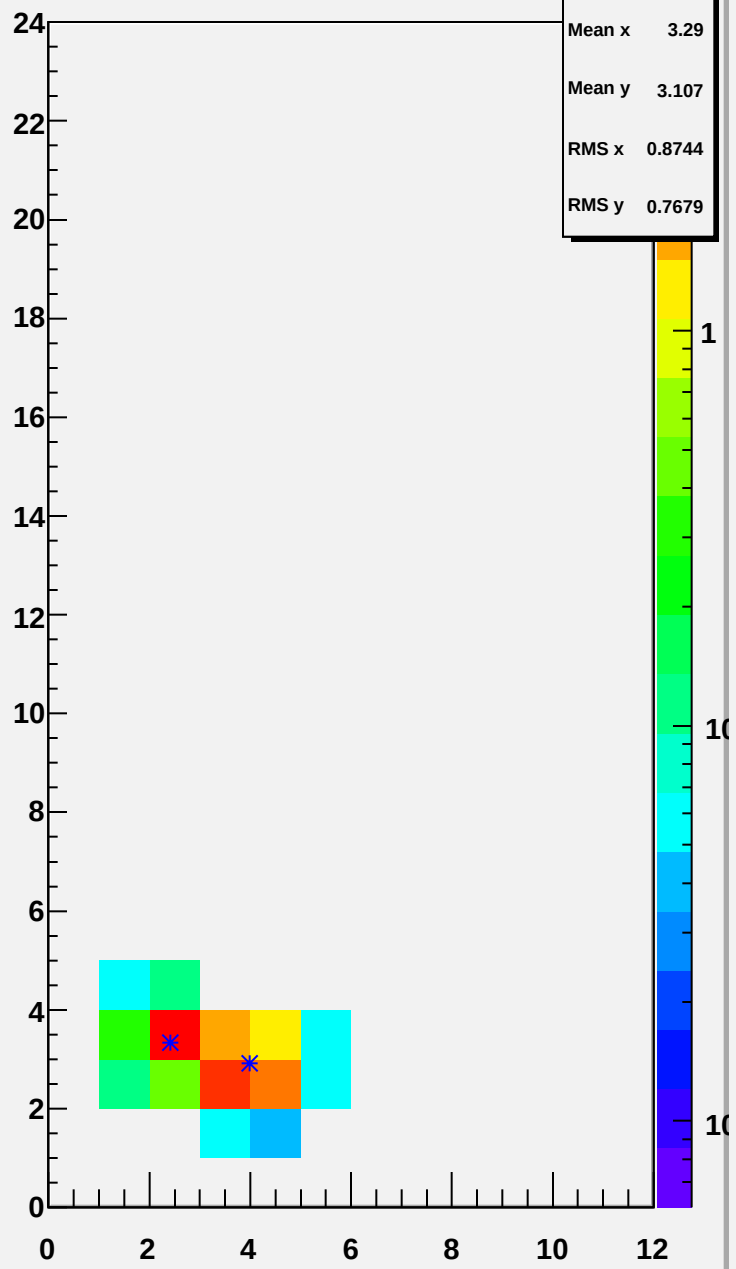
Efit

Entries	288
Mean x	2.238
Mean y	3.871
RMS x	0.5082
RMS y	1.537

NSTB3_r4_c3_En=17.4_m0=0.075 m1=0.075 index=1622



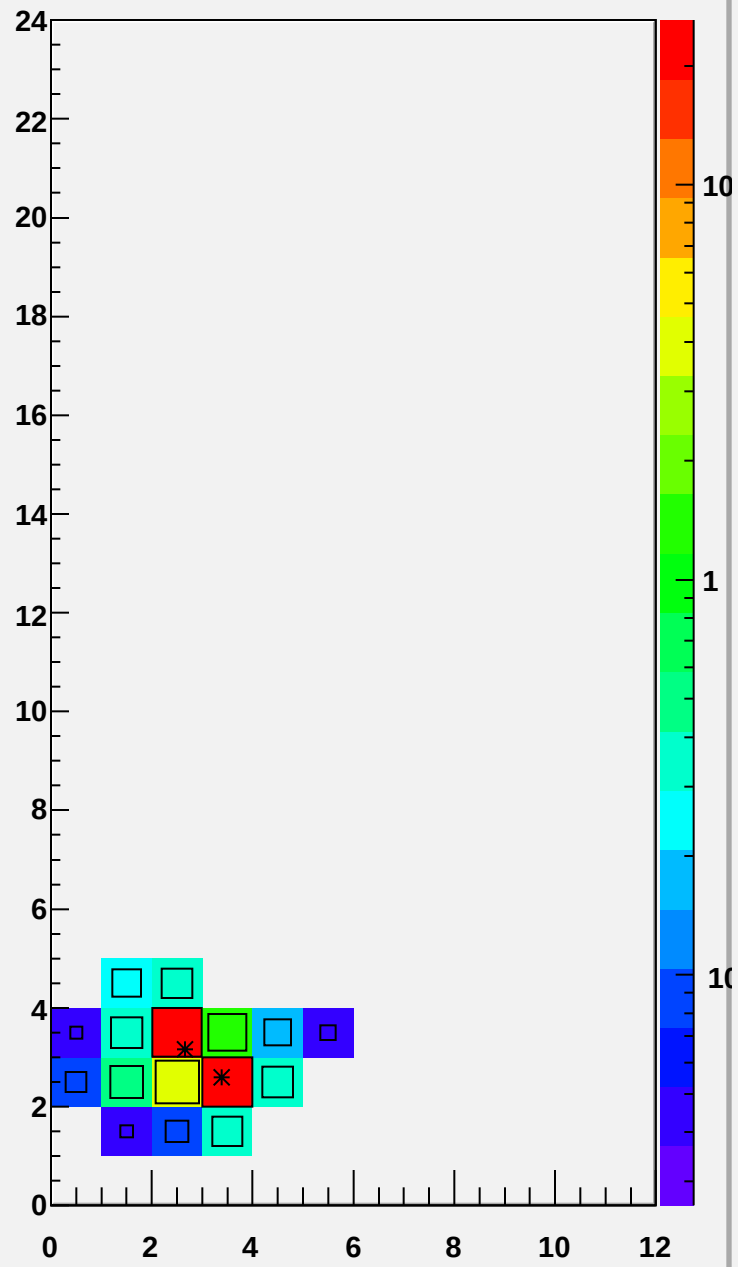
Fitted Energies



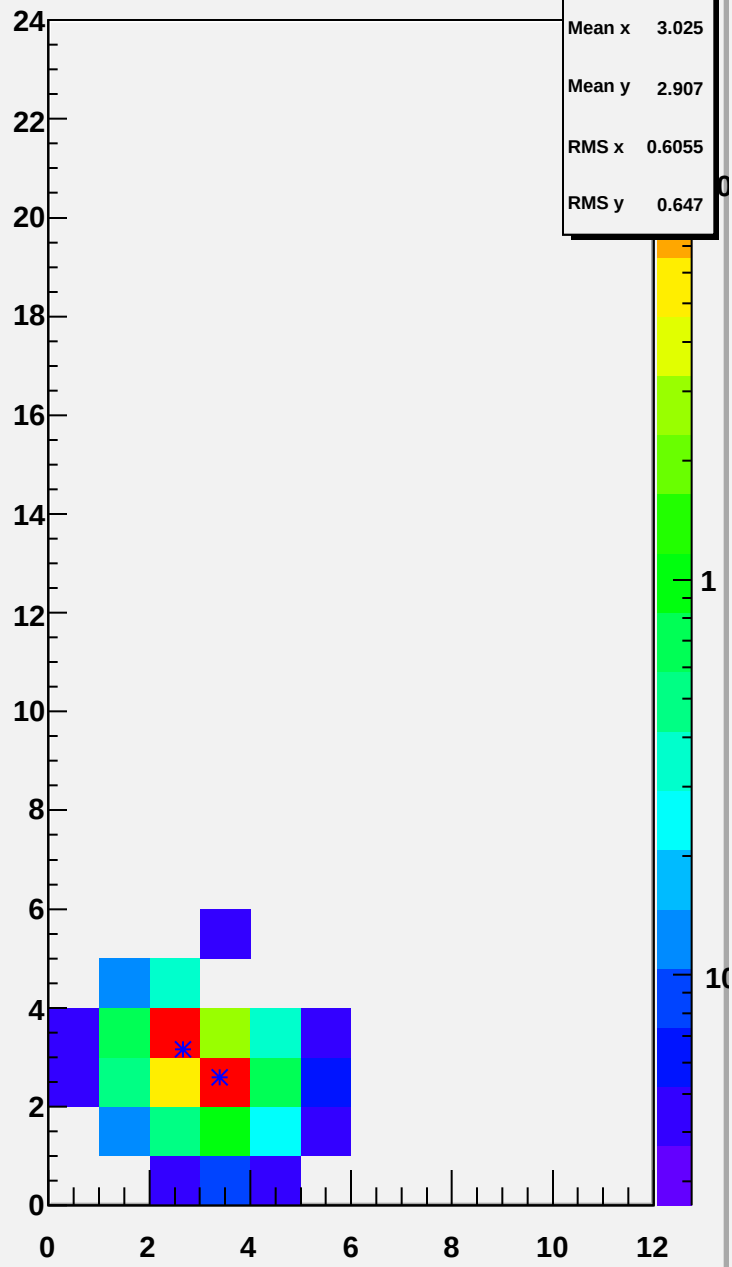
Efit

Entries	288
Mean x	3.29
Mean y	3.107
RMS x	0.8744
RMS y	0.7679

NSTB3_r4_c3_En=55.1_m0=0.154 m1=0.154 index=1623



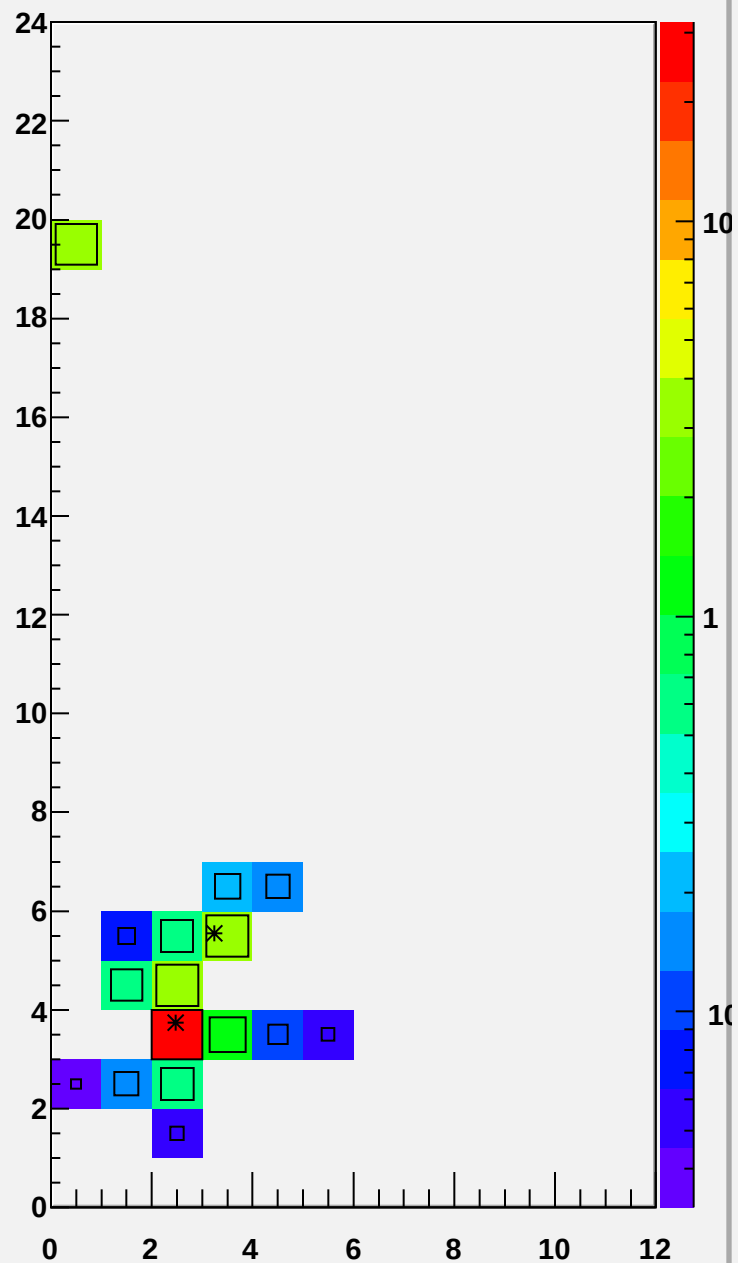
Fitted Energies



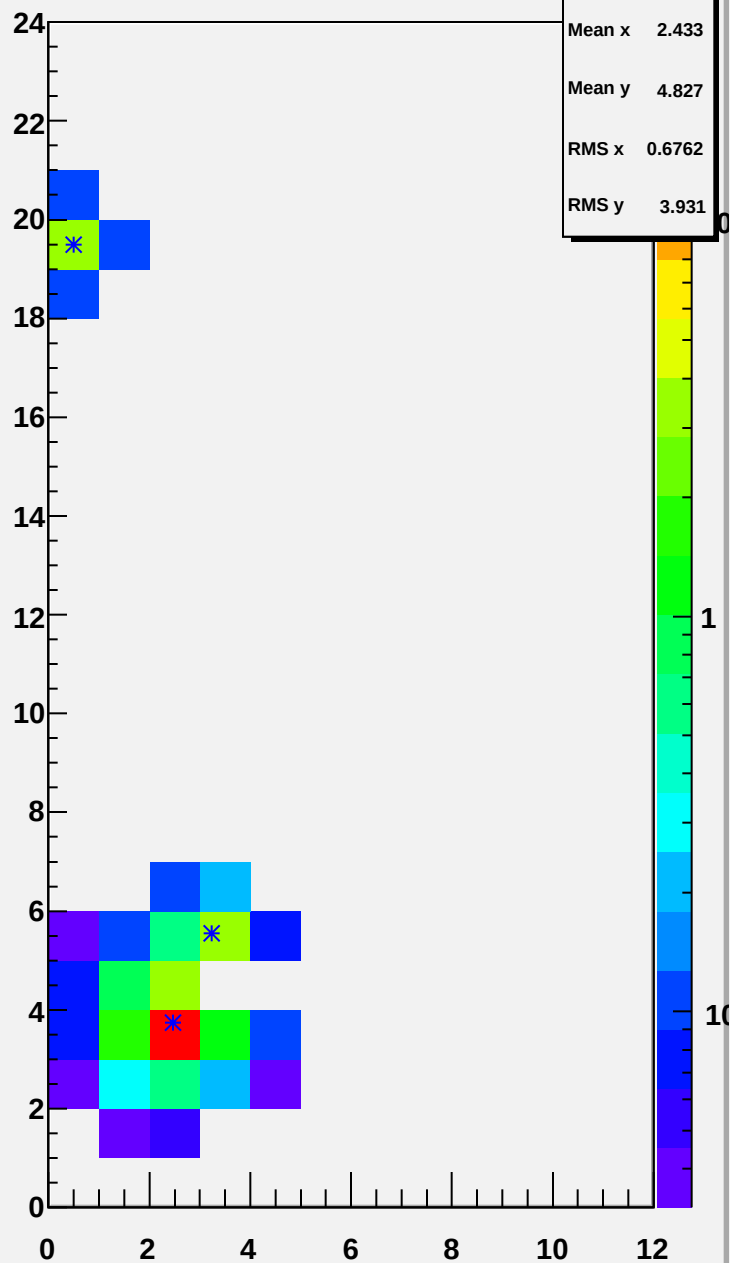
Efit

Entries	288
Mean x	3.025
Mean y	2.907
RMS x	0.6055
RMS y	0.647

NSTB3_r4_c3_En=46.5_m0=0.156 m1=0.156 index=1624



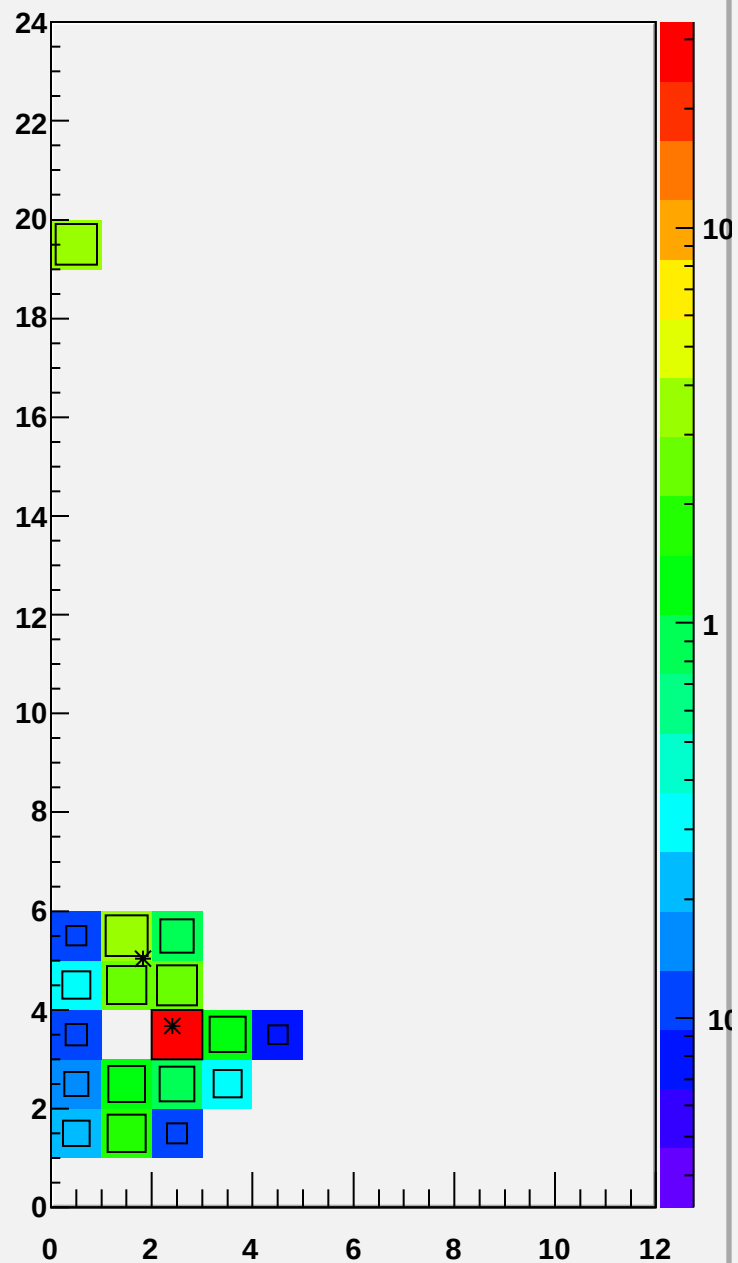
Fitted Energies



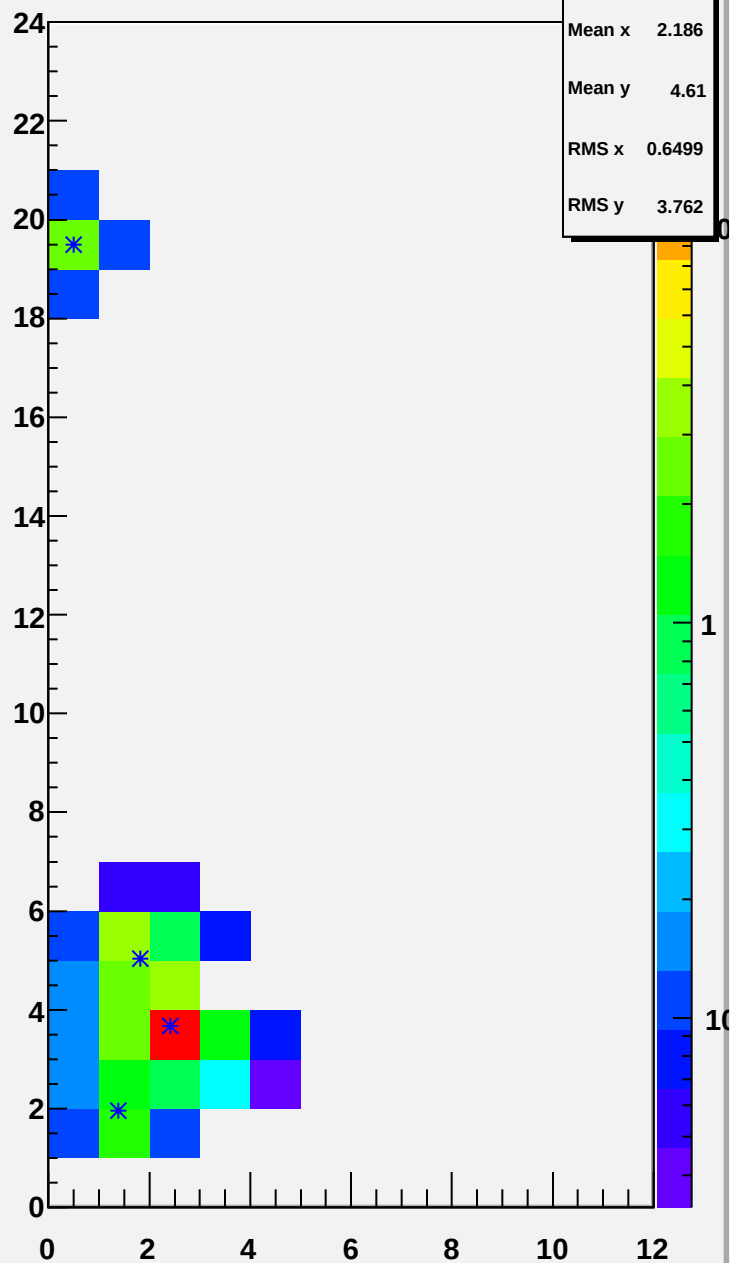
Efit

Entries	288
Mean x	2.433
Mean y	4.827
RMS x	0.6762
RMS y	3.931

NSTB3_r4_c3_En=52.6_m0=0.148 m1=0.148 index=1625



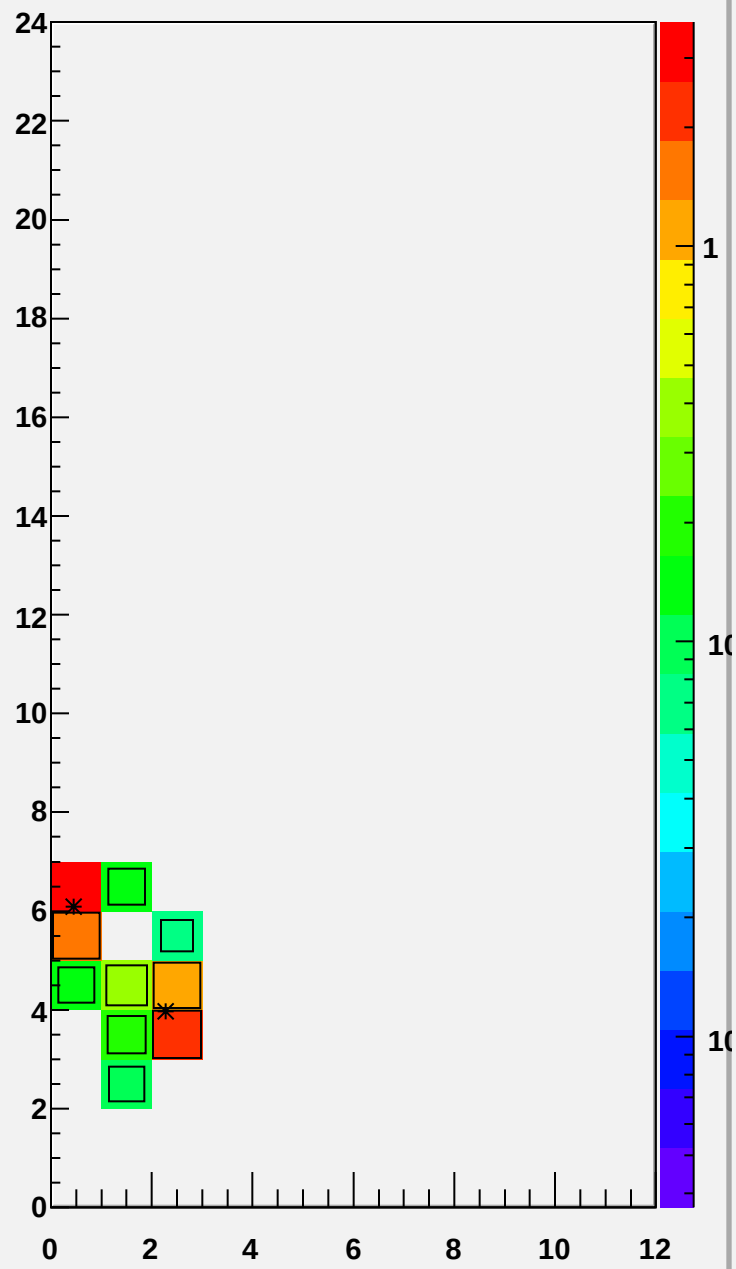
Fitted Energies



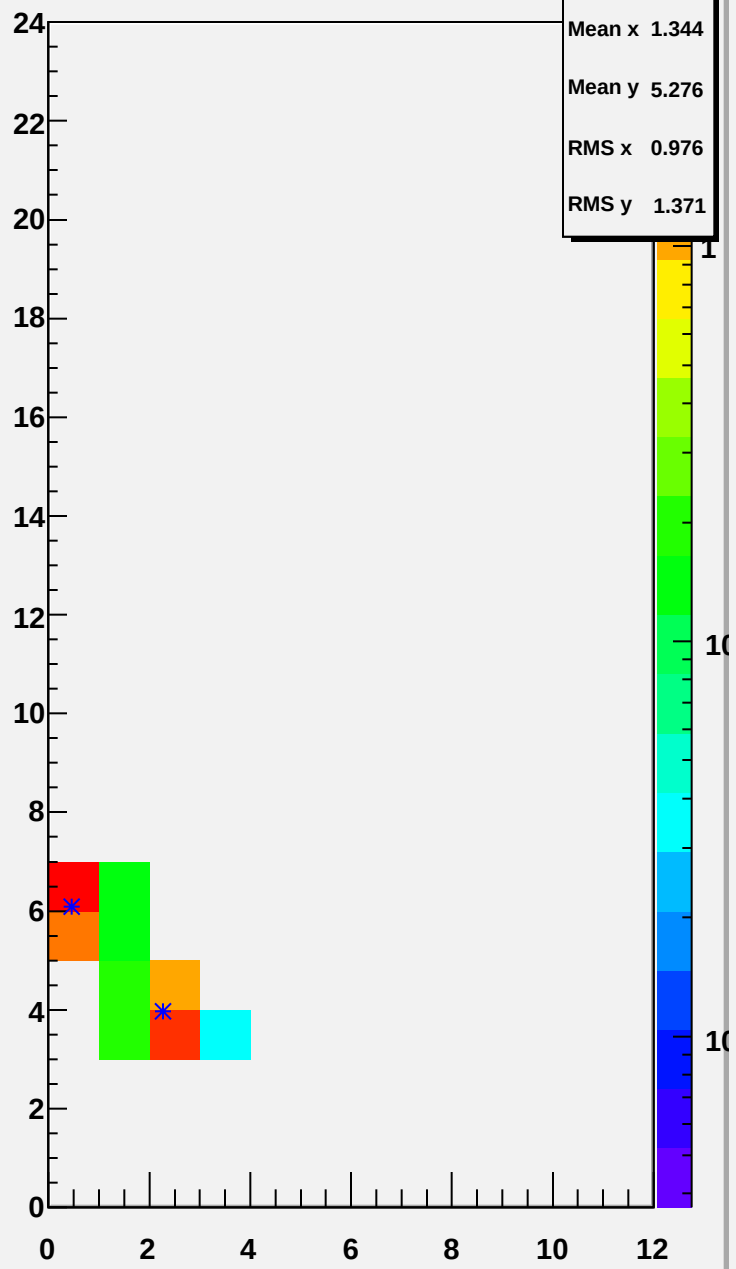
Efit

Entries	288
Mean x	2.186
Mean y	4.61
RMS x	0.6499
RMS y	3.762

NSTB3_r4_c3_En= 9.5_m0=0.077 m1=0.077 index=1626



Fitted Energies



Efit

Entries 288

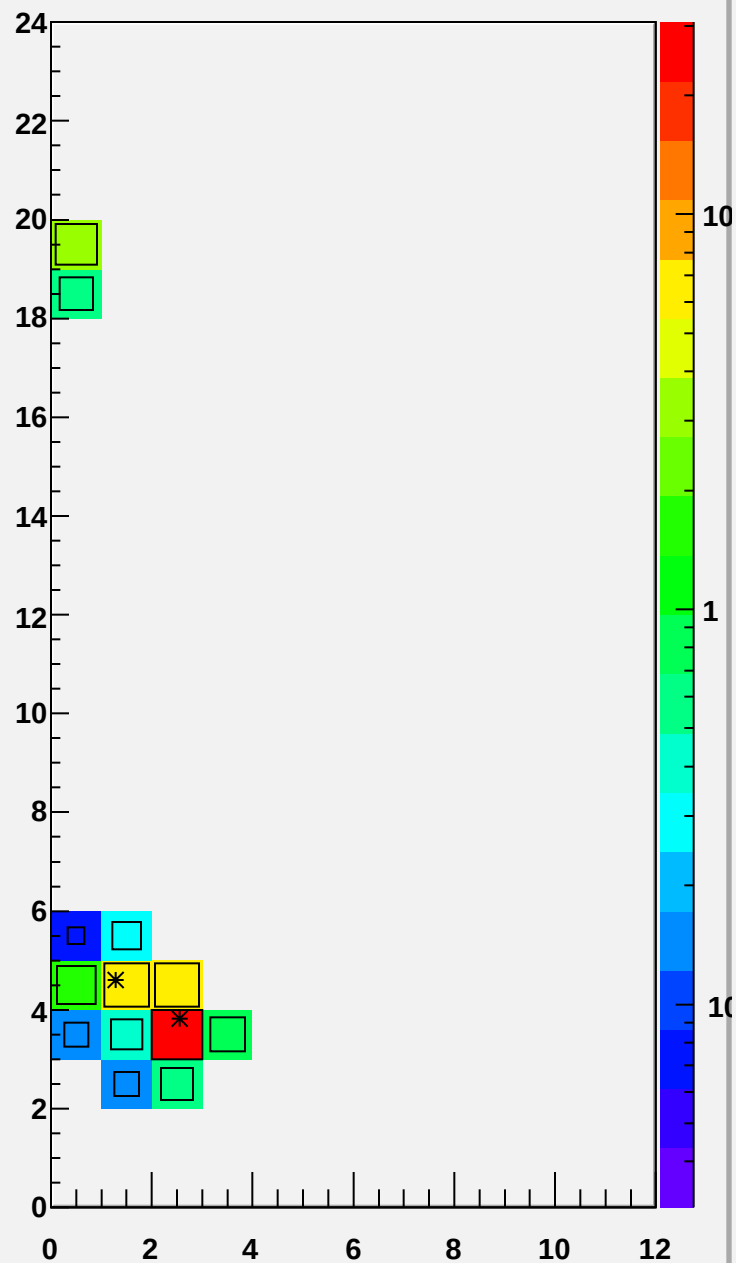
Mean x 1.344

Mean y 5.276

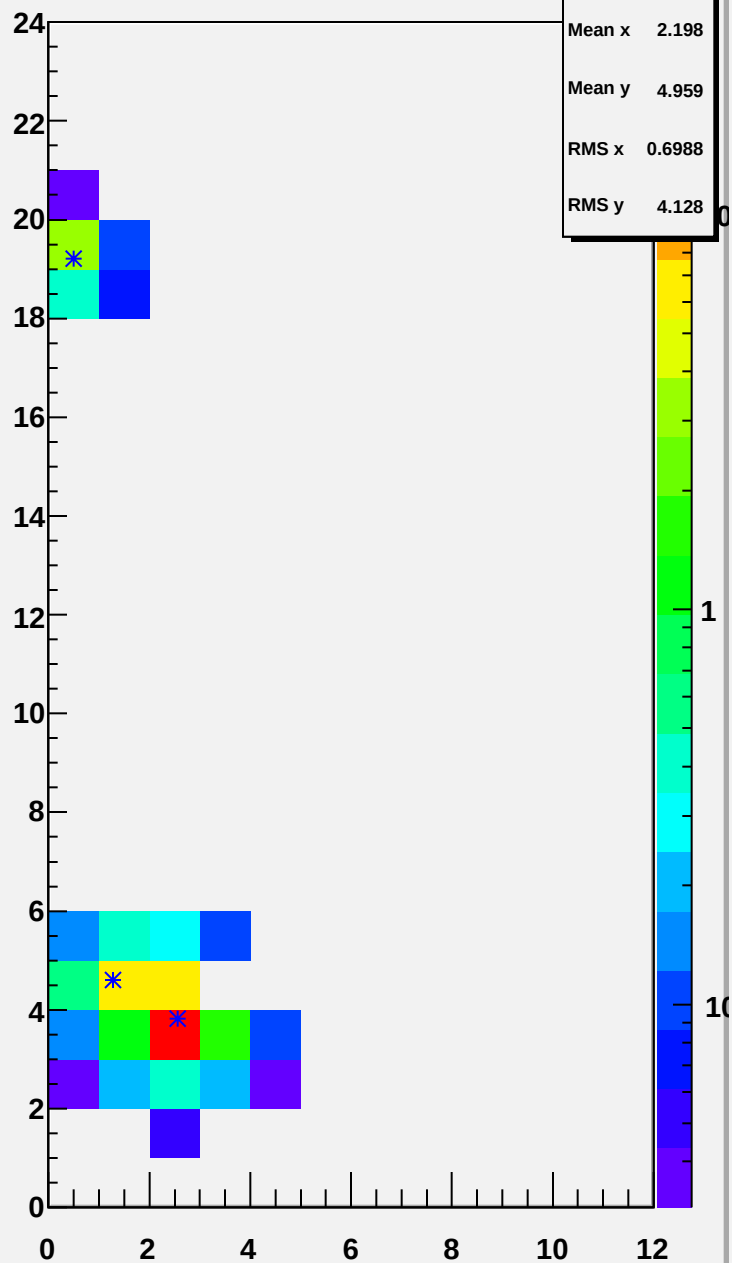
RMS x 0.976

RMS y 1.371

NSTB3_r4_c3_En=51.2_m0=0.142 m1=0.142 index=1627



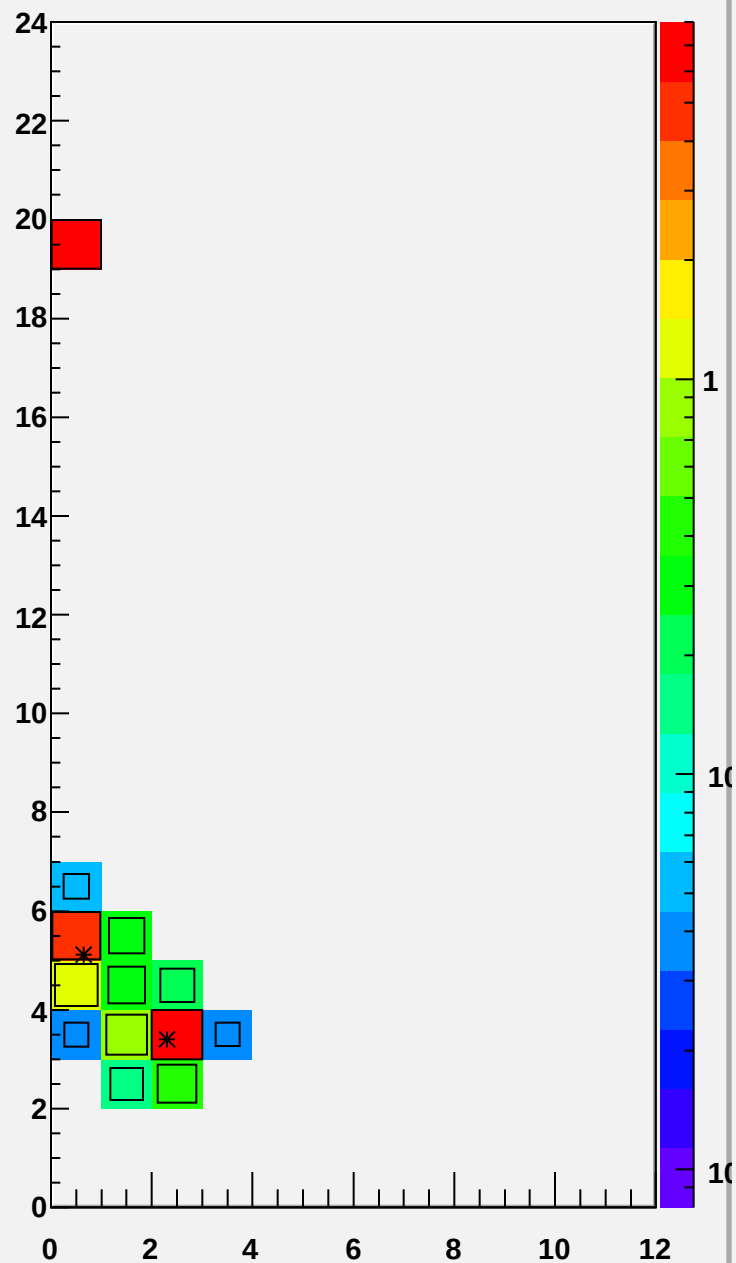
Fitted Energies



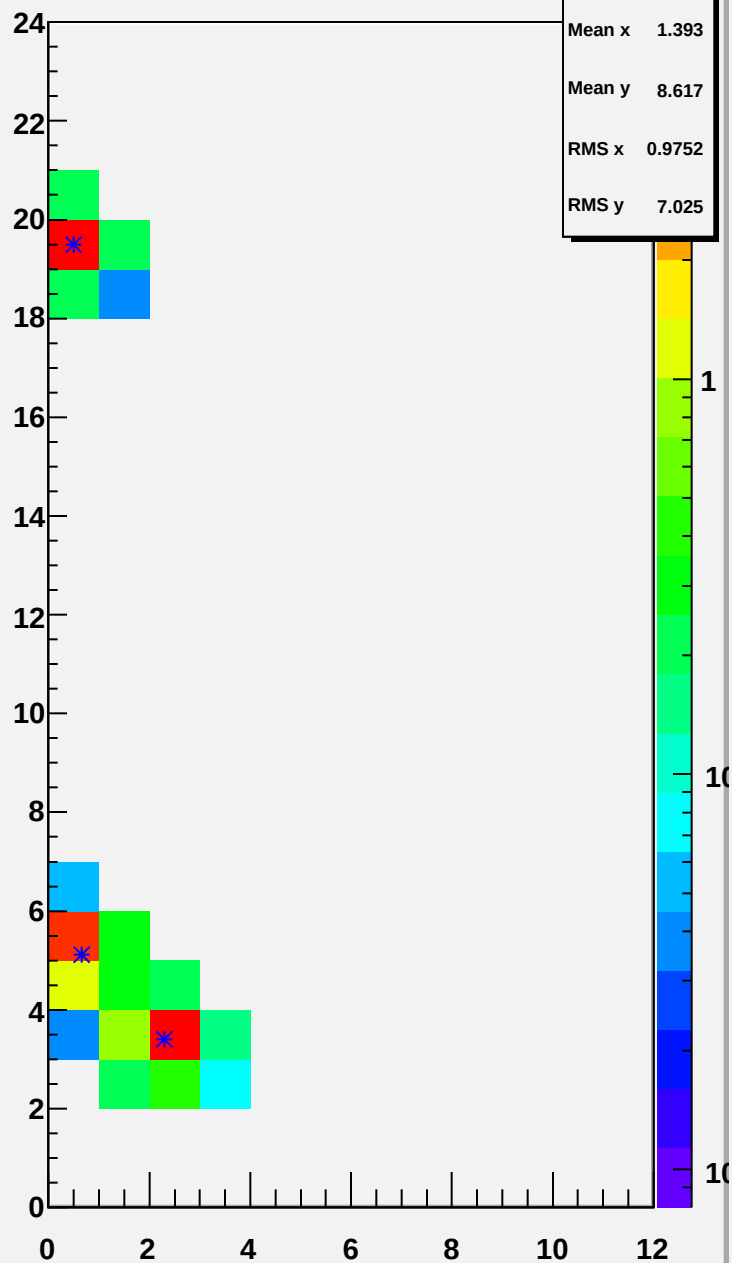
Efit

Entries	288
Mean x	2.198
Mean y	4.959
RMS x	0.6988
RMS y	4.128

NSTB3_r4_c3_En=22.2_m0=0.105 m1=0.105 index=1628



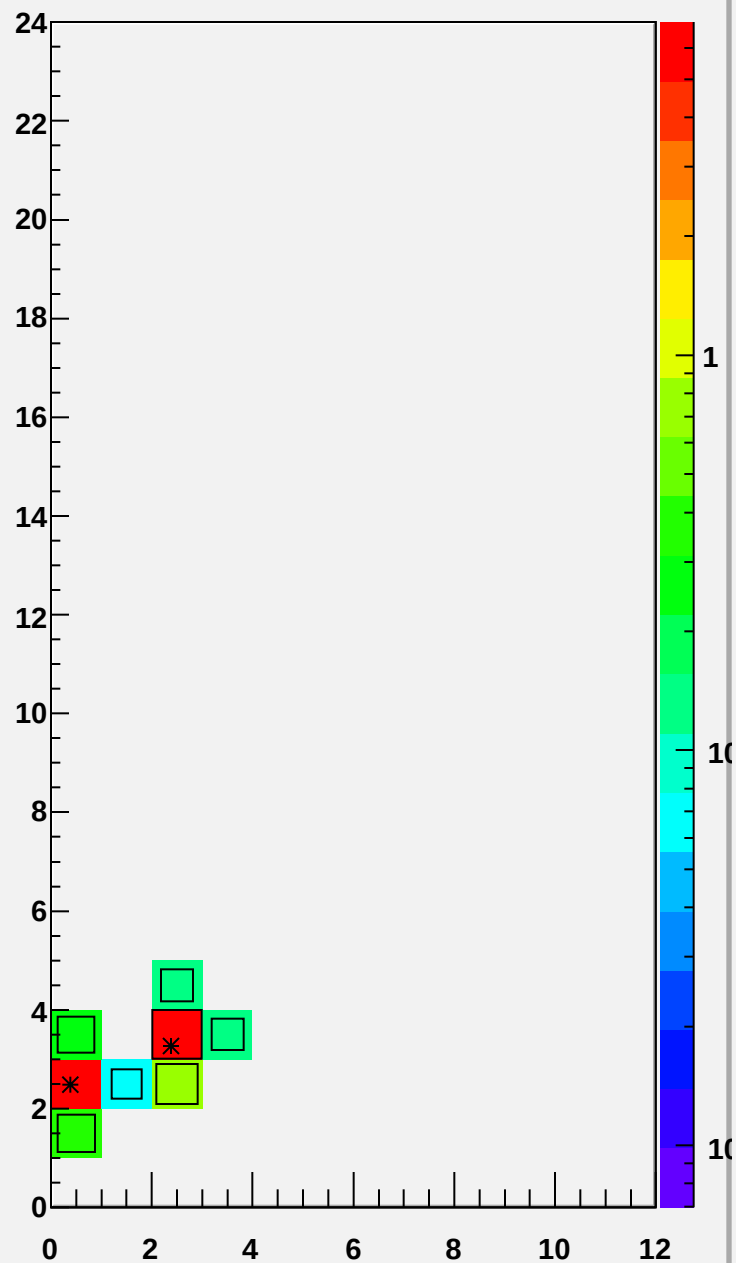
Fitted Energies



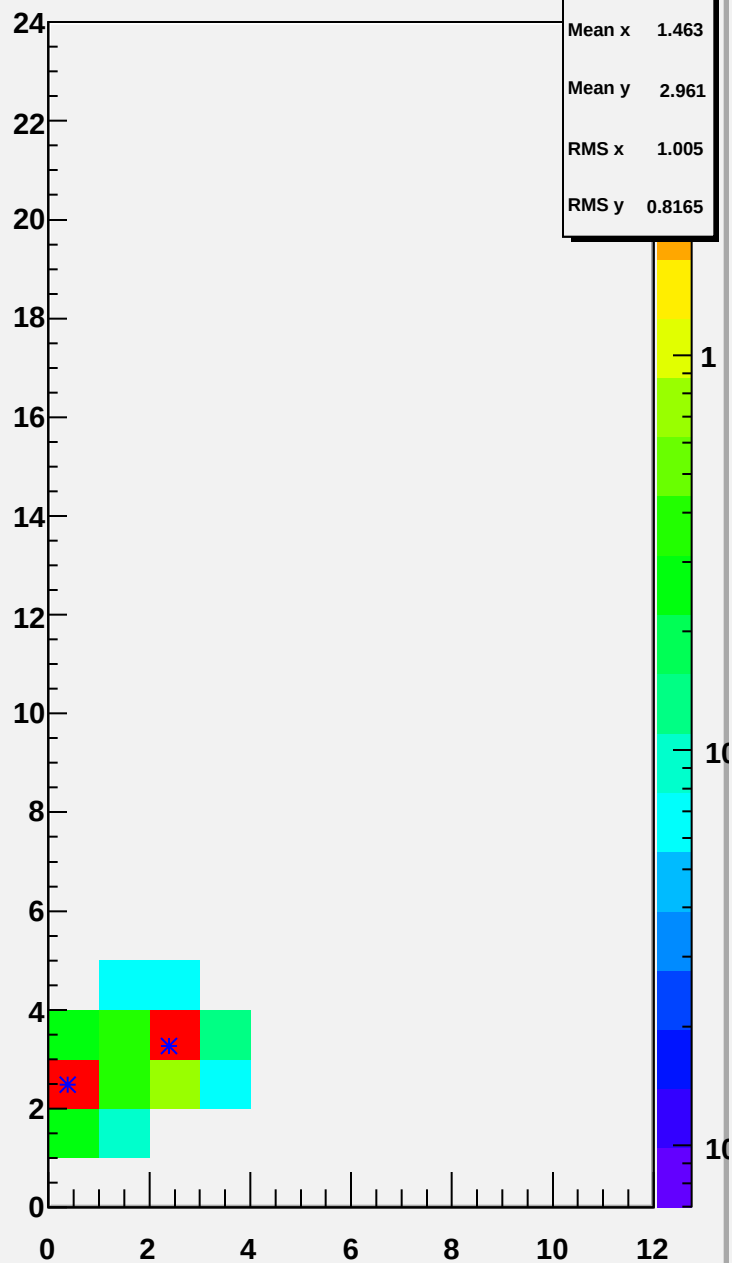
Efit

Entries	288
Mean x	1.393
Mean y	8.617
RMS x	0.9752
RMS y	7.025

NSTB3_r4_c3_En=14.3_m0=0.093 m1=0.093 index=1629



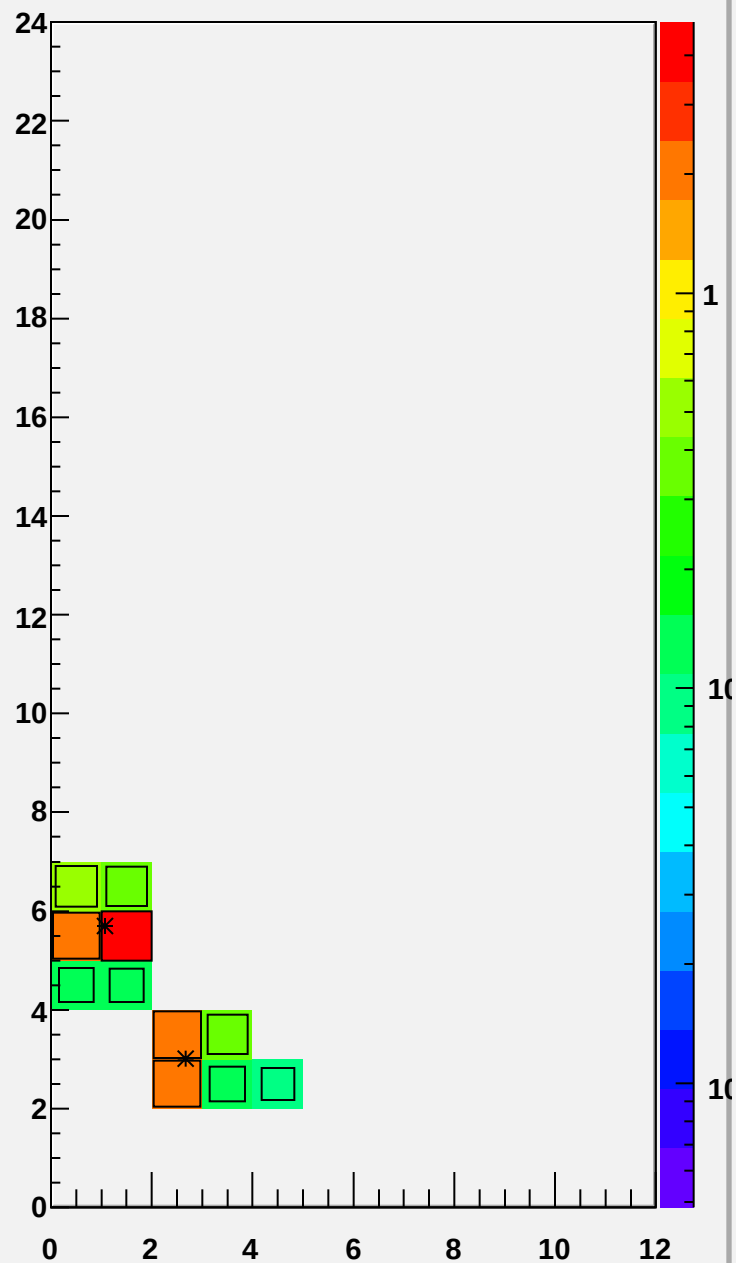
Fitted Energies



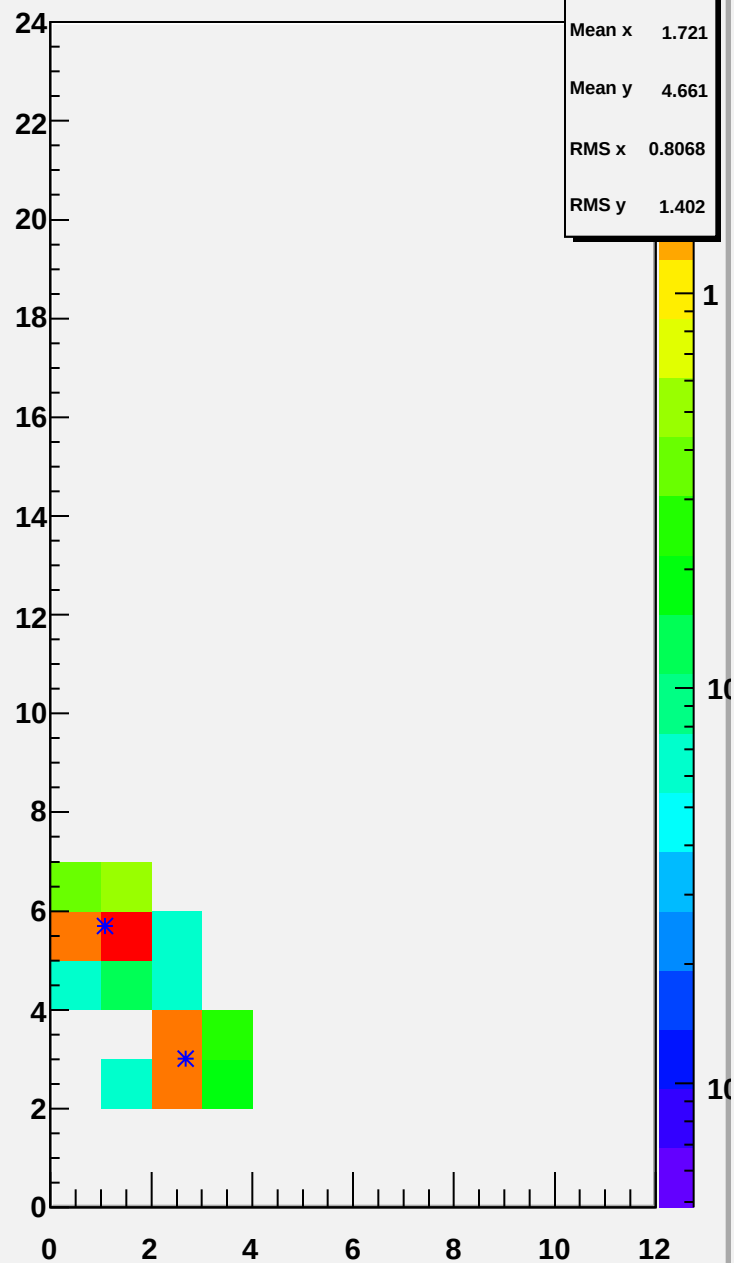
Efit

Entries	288
Mean x	1.463
Mean y	2.961
RMS x	1.005
RMS y	0.8165

NSTB3_r4_c3_En=12.7_m0=0.111 m1=0.111 index=1630



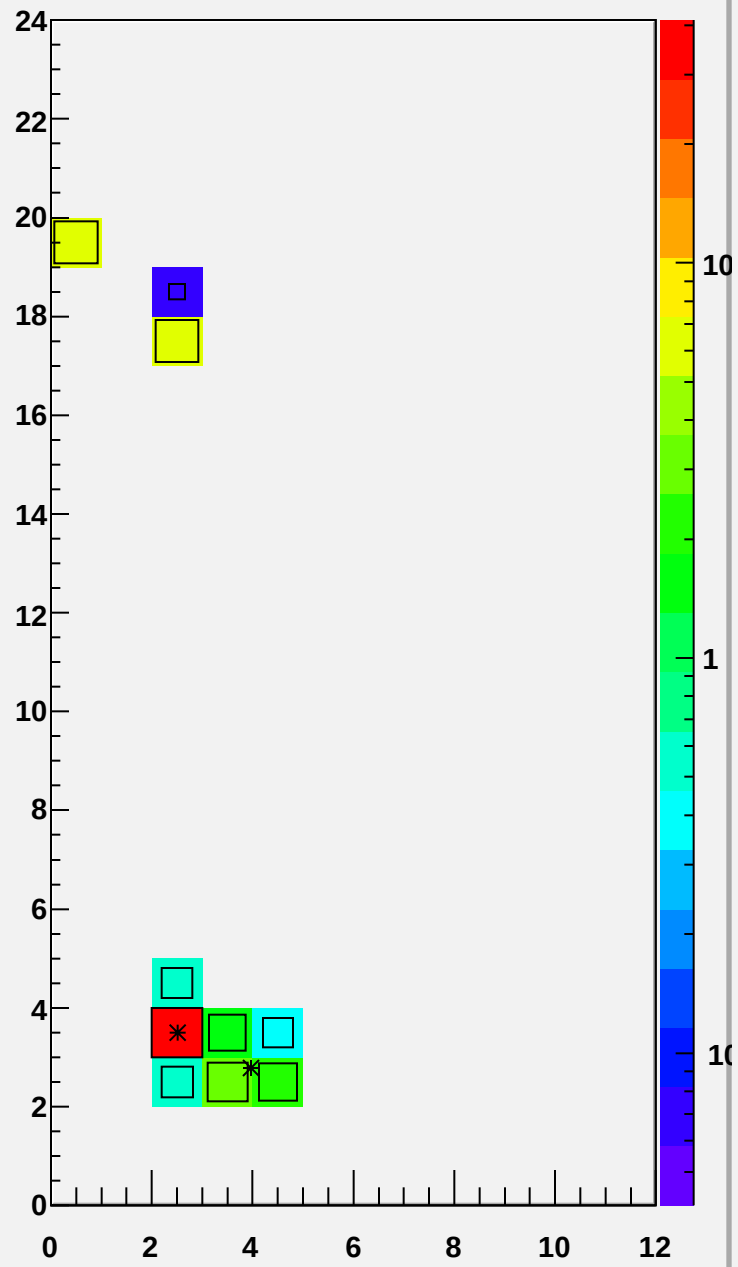
Fitted Energies



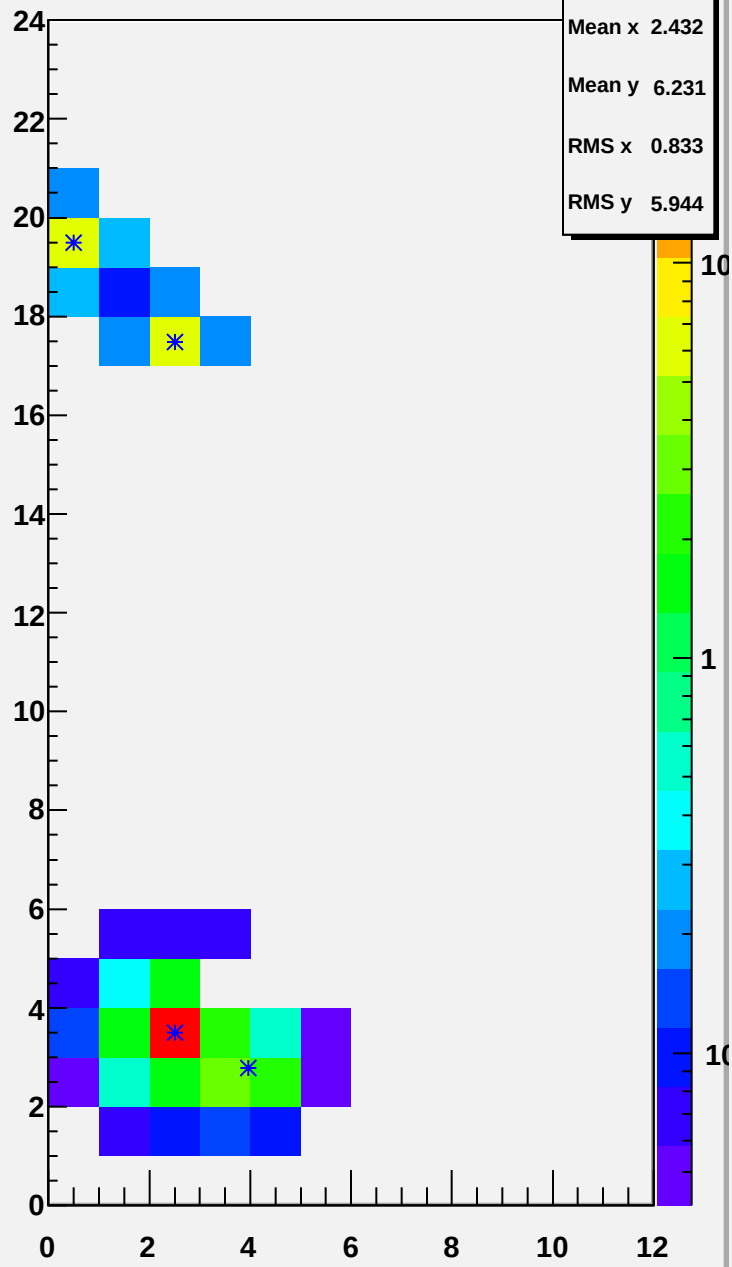
Efit

Entries	288
Mean x	1.721
Mean y	4.661
RMS x	0.8068
RMS y	1.402

NSTB3_r4_c3_En=61.9_m0=0.153 m1=0.153 index=1631



Fitted Energies



Efit

Entries 288

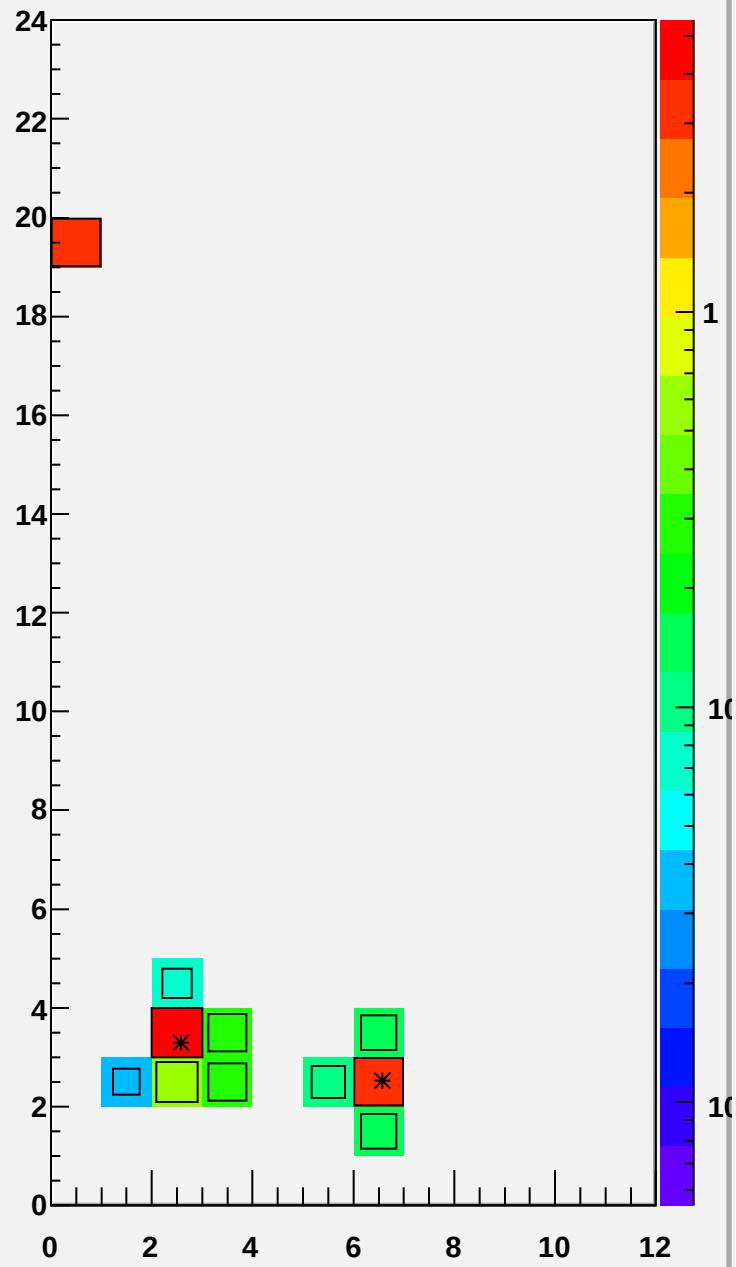
Mean x 2.432

Mean y 6.231

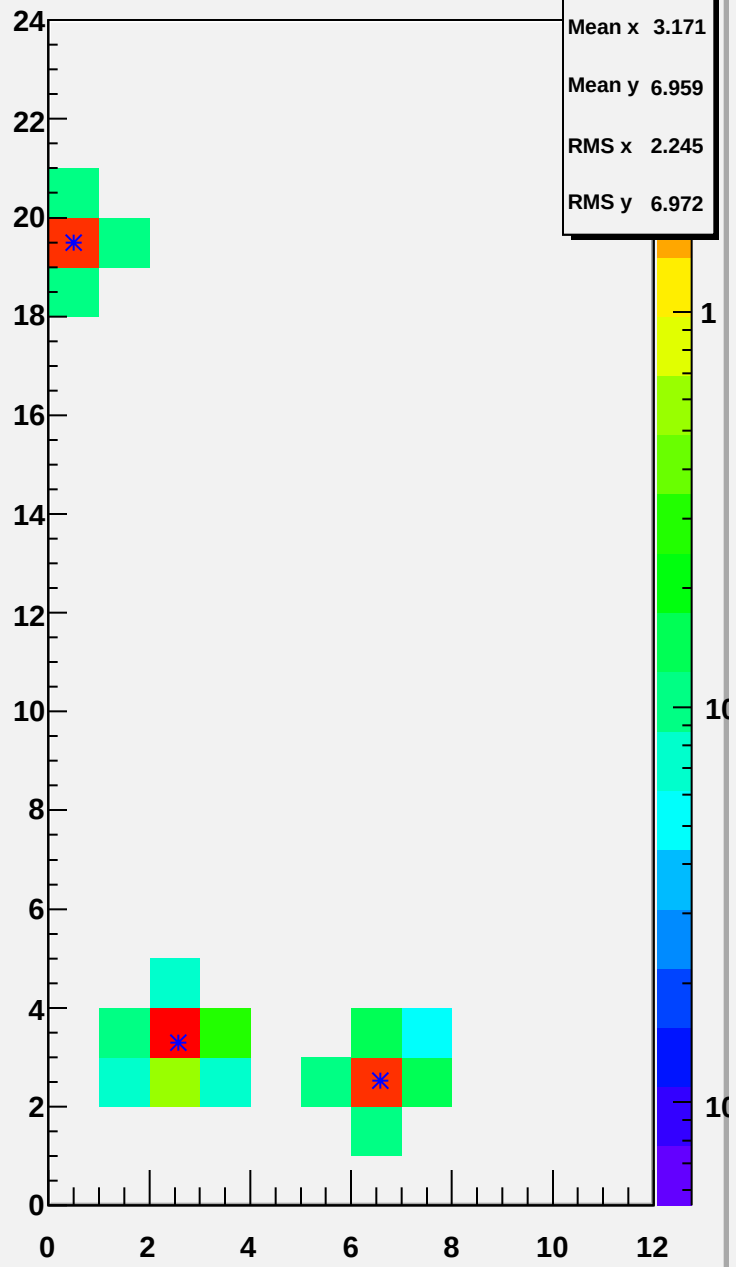
RMS x 0.833

RMS y 5.944

NSTB3_r4_c3_En=13.6_m0=0.116 m1=0.116 index=1632



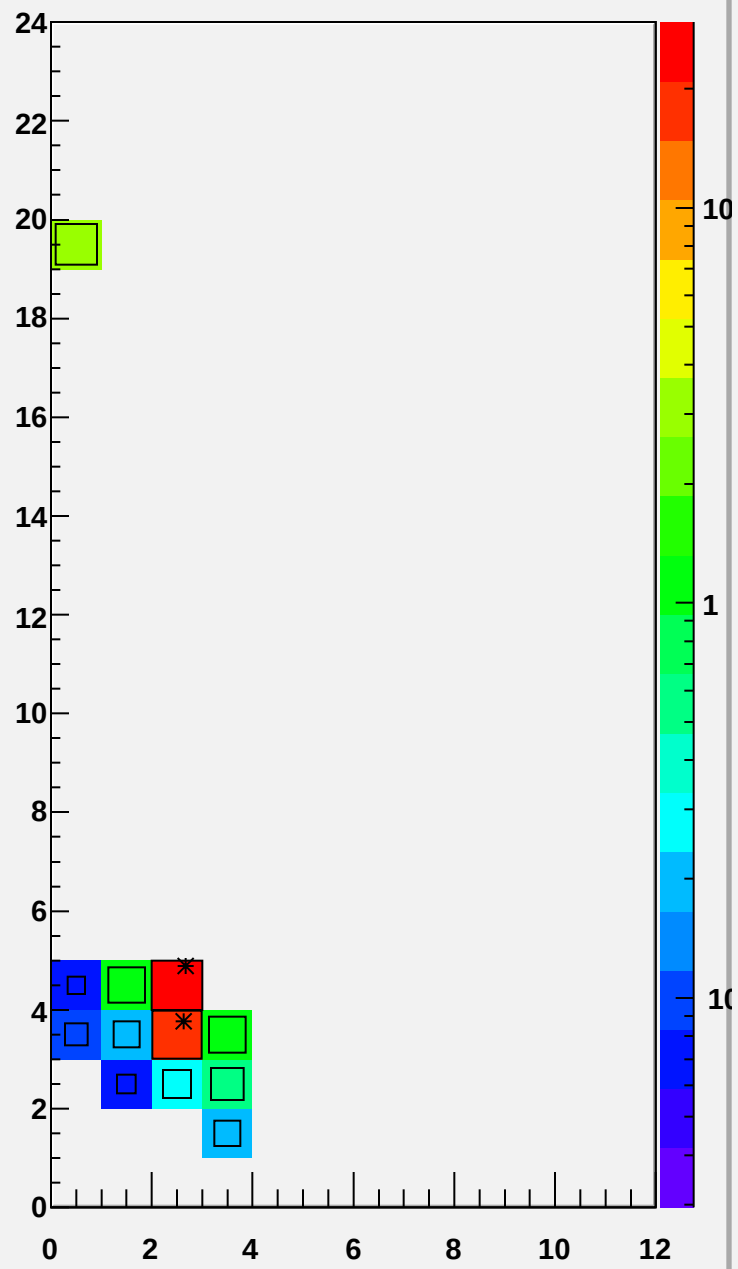
Fitted Energies



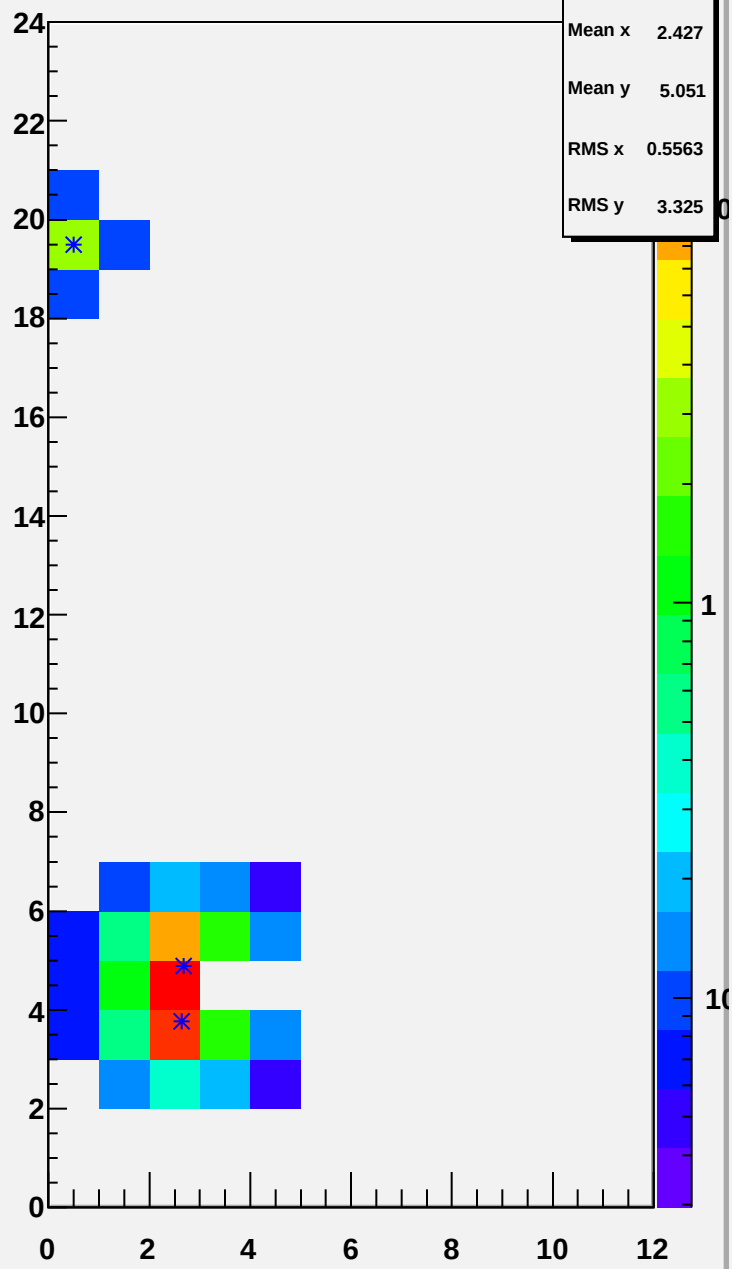
Efit

Entries 288
Mean x 3.171
Mean y 6.959
RMS x 2.245
RMS y 6.972

NSTB3_r4_c3_En=56.1_m0=0.196 m1=0.196 index=1633



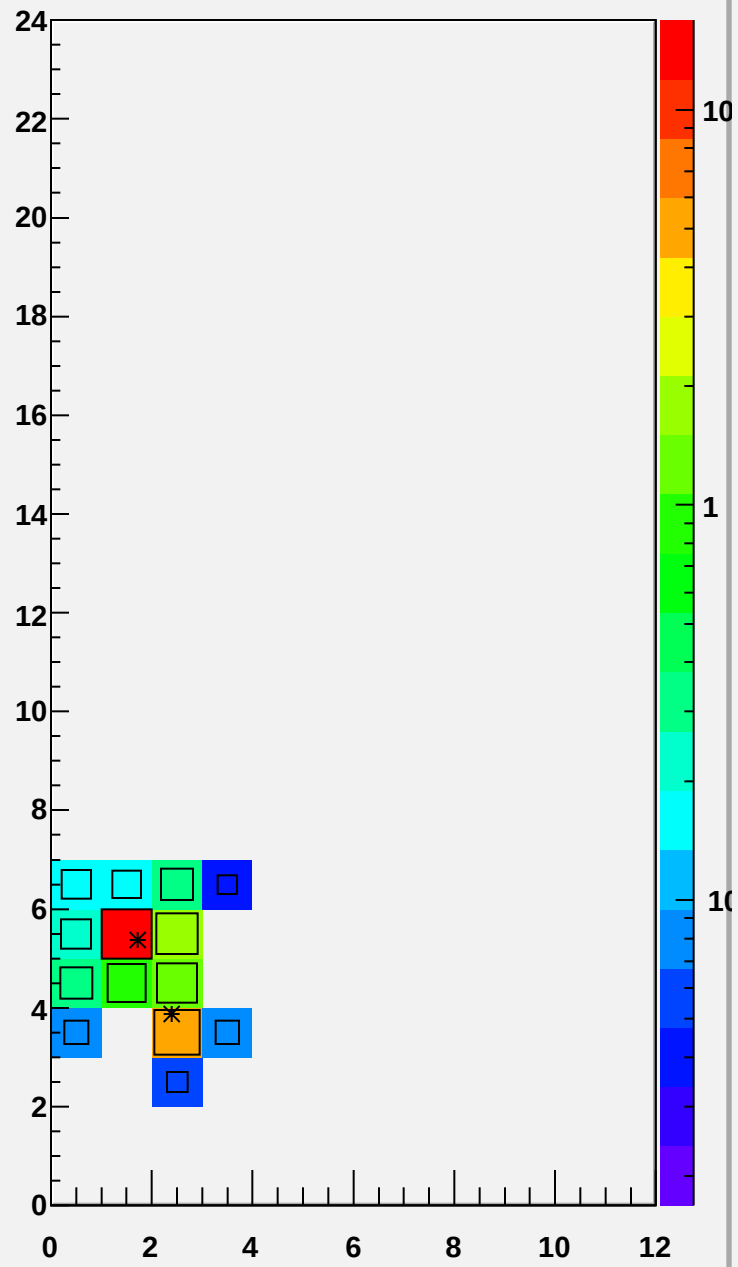
Fitted Energies



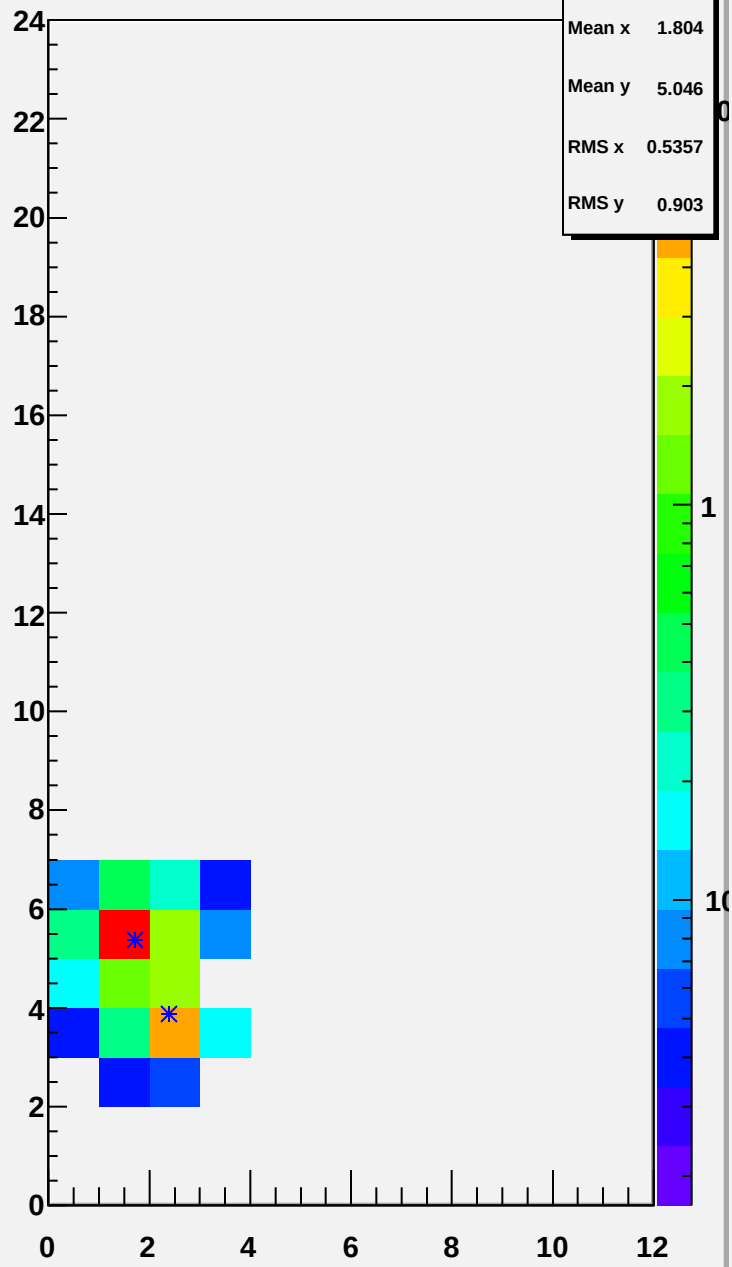
Efit

Entries	288
Mean x	2.427
Mean y	5.051
RMS x	0.5563
RMS y	3.325

NSTB3_r4_c3_En=27.2_m0=0.112 m1=0.112 index=1634



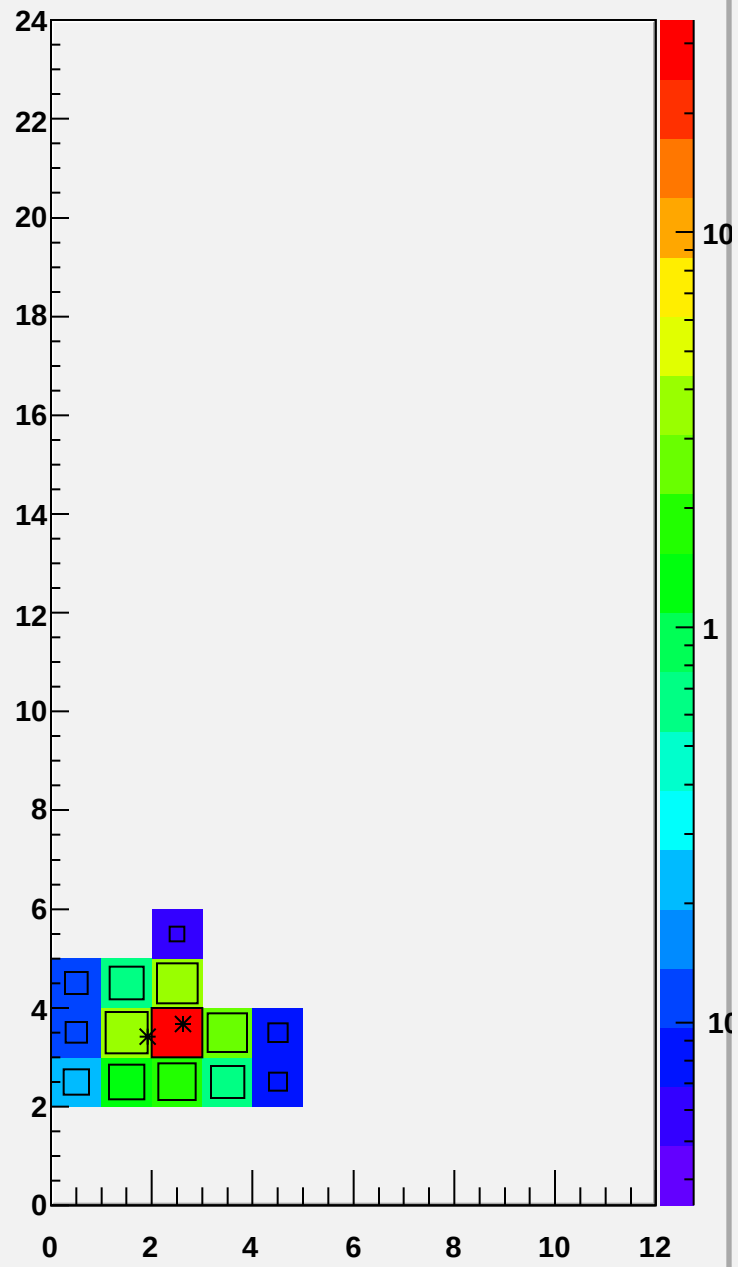
Fitted Energies



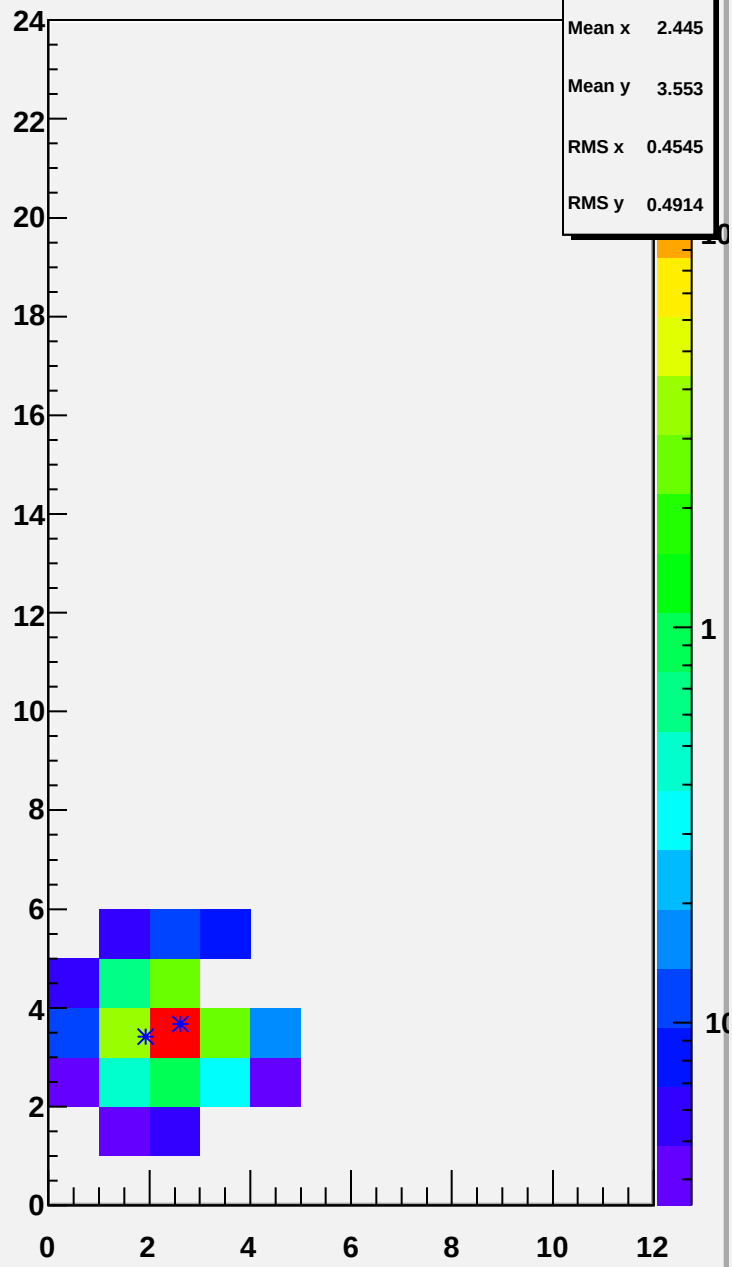
Efit

Entries	288
Mean x	1.804
Mean y	5.046
RMS x	0.5357
RMS y	0.903

NSTB3_r4_c3_En=48.8_m0=0.059 m1=0.058 index=1635



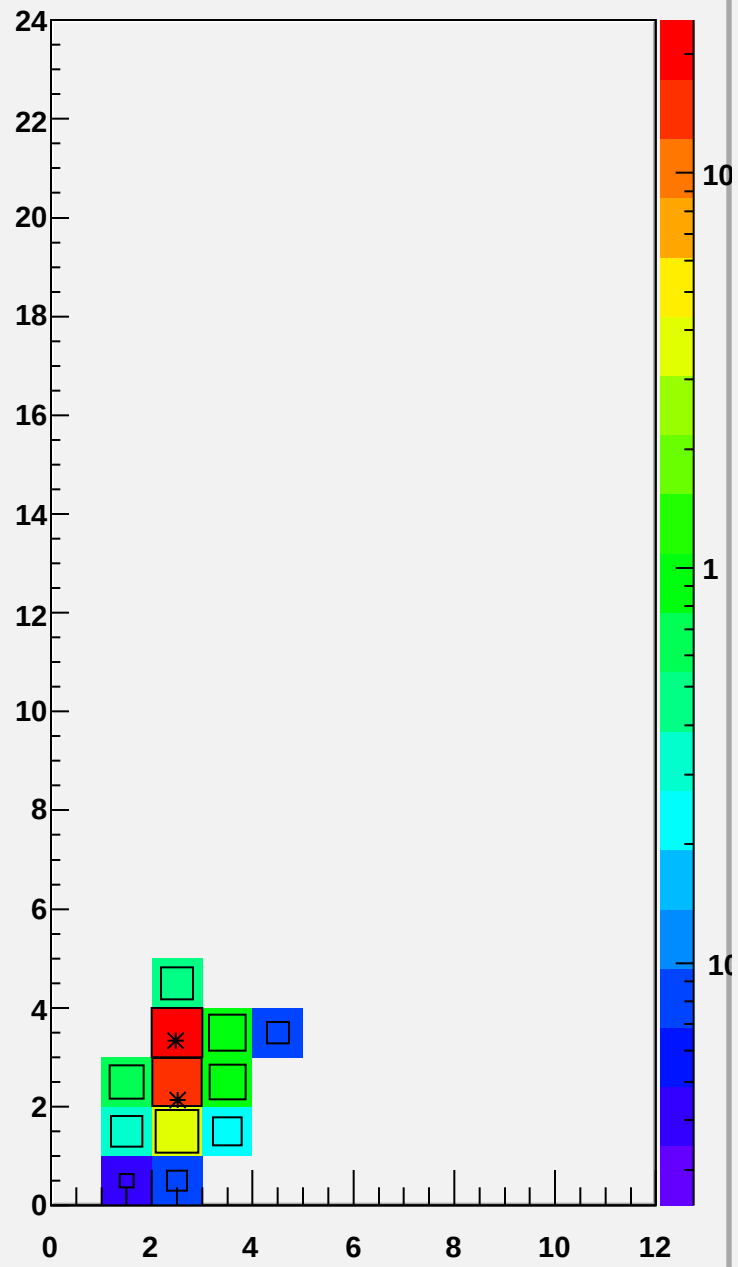
Fitted Energies



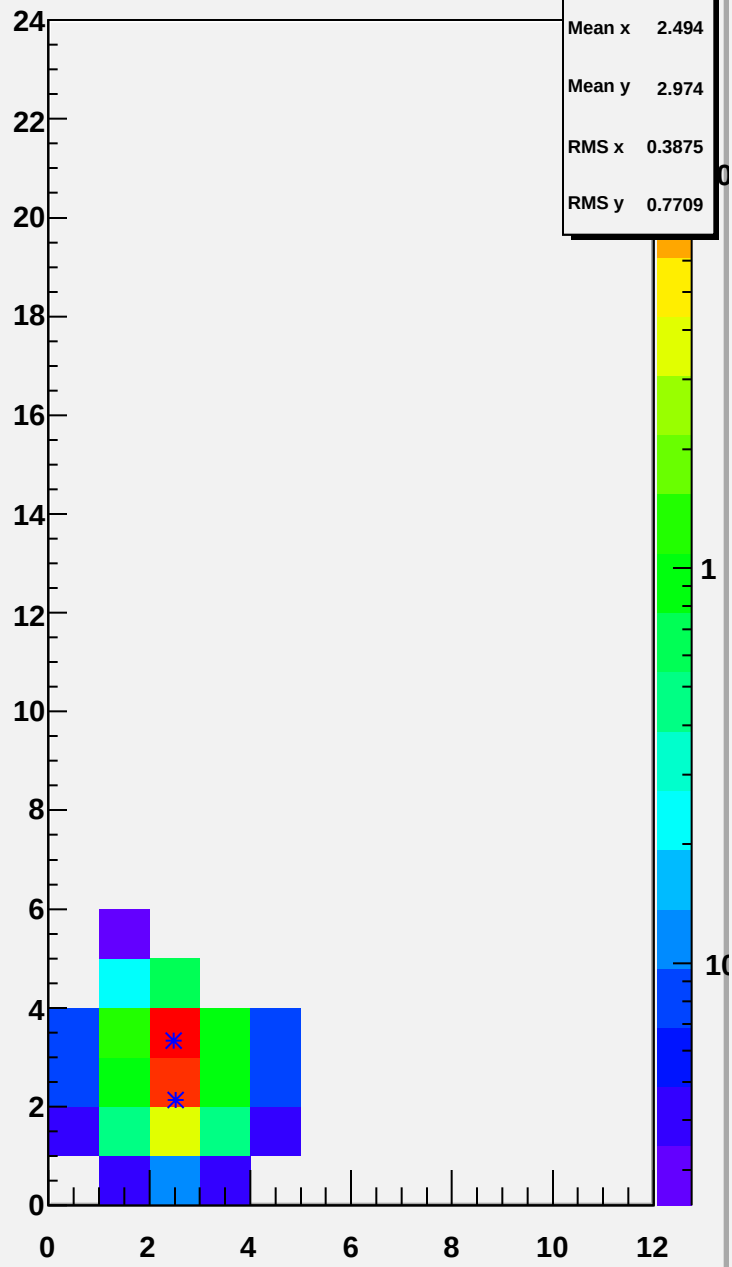
Efit

Entries	288
Mean x	2.445
Mean y	3.553
RMS x	0.4545
RMS y	0.4914

NSTB3_r4_c3_En=48.0_m0=0.161 m1=0.161 index=1636



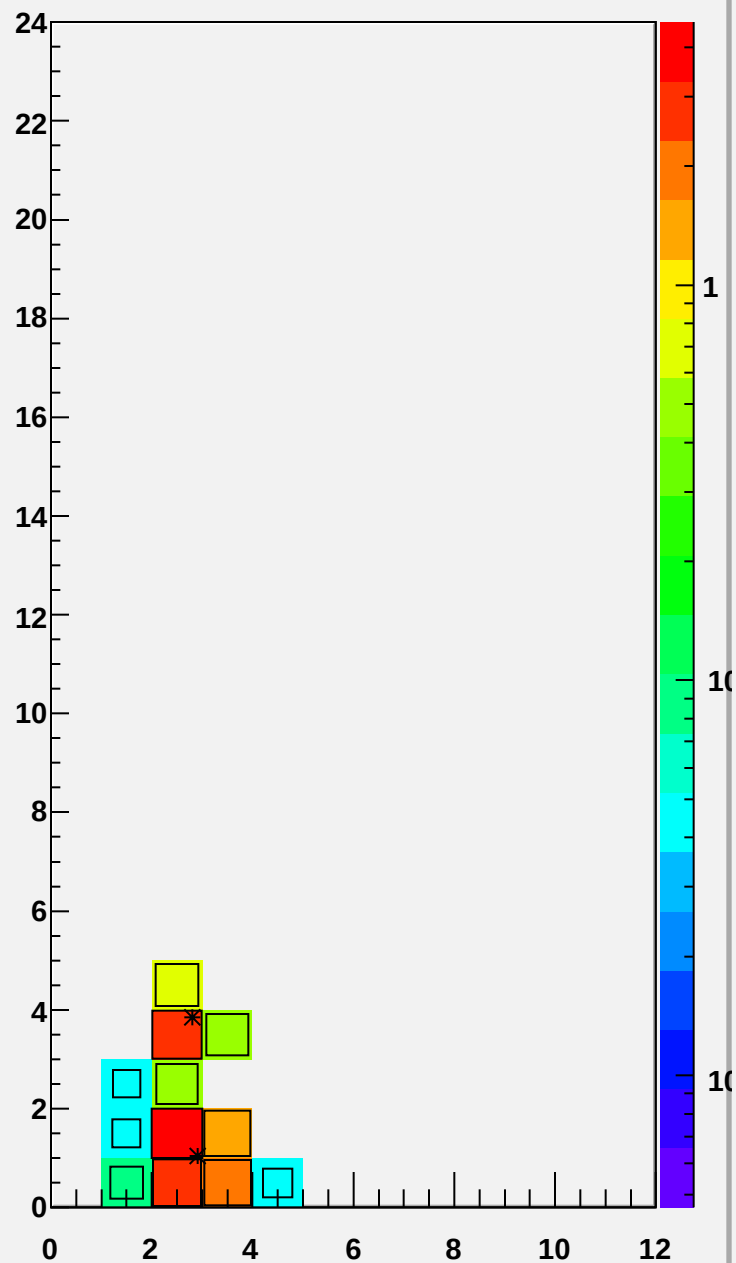
Fitted Energies



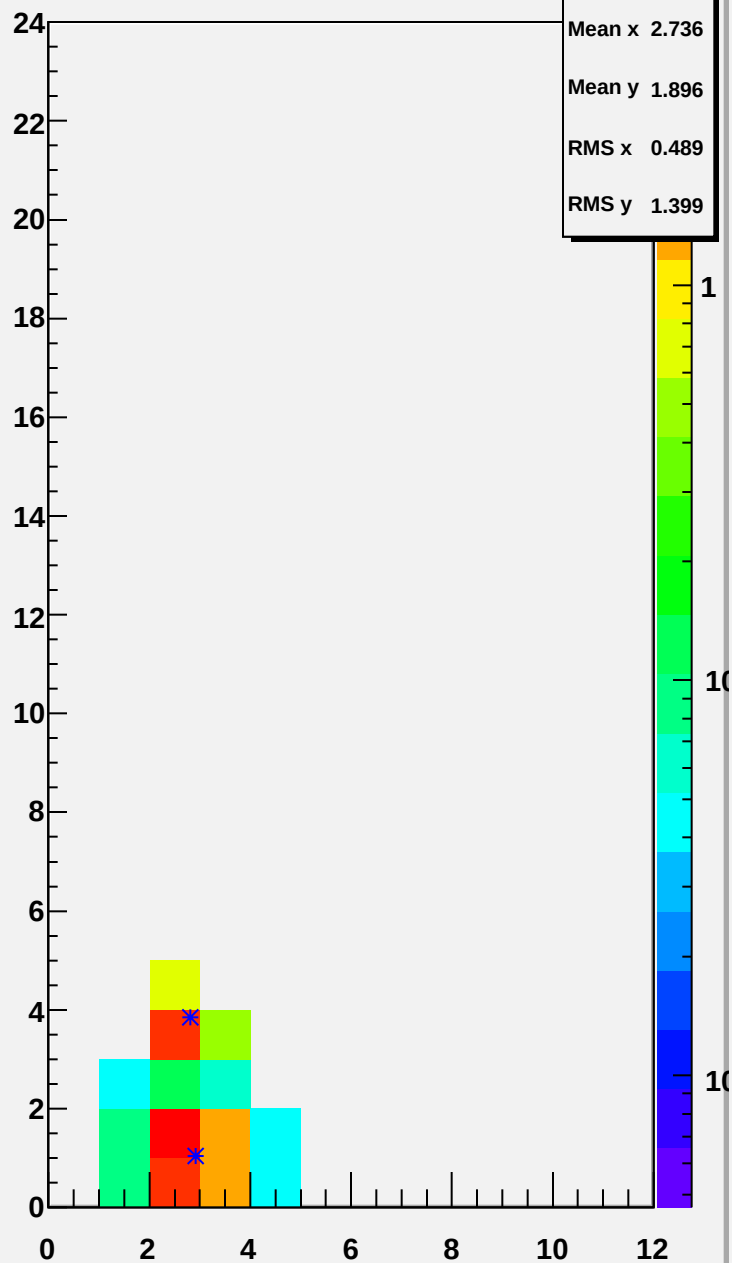
Efit

Entries	288
Mean x	2.494
Mean y	2.974
RMS x	0.3875
RMS y	0.7709

NSTB3_r4_c3_En=15.3_m0=0.113 m1=0.113 index=1638



Fitted Energies



Efit

Entries 288

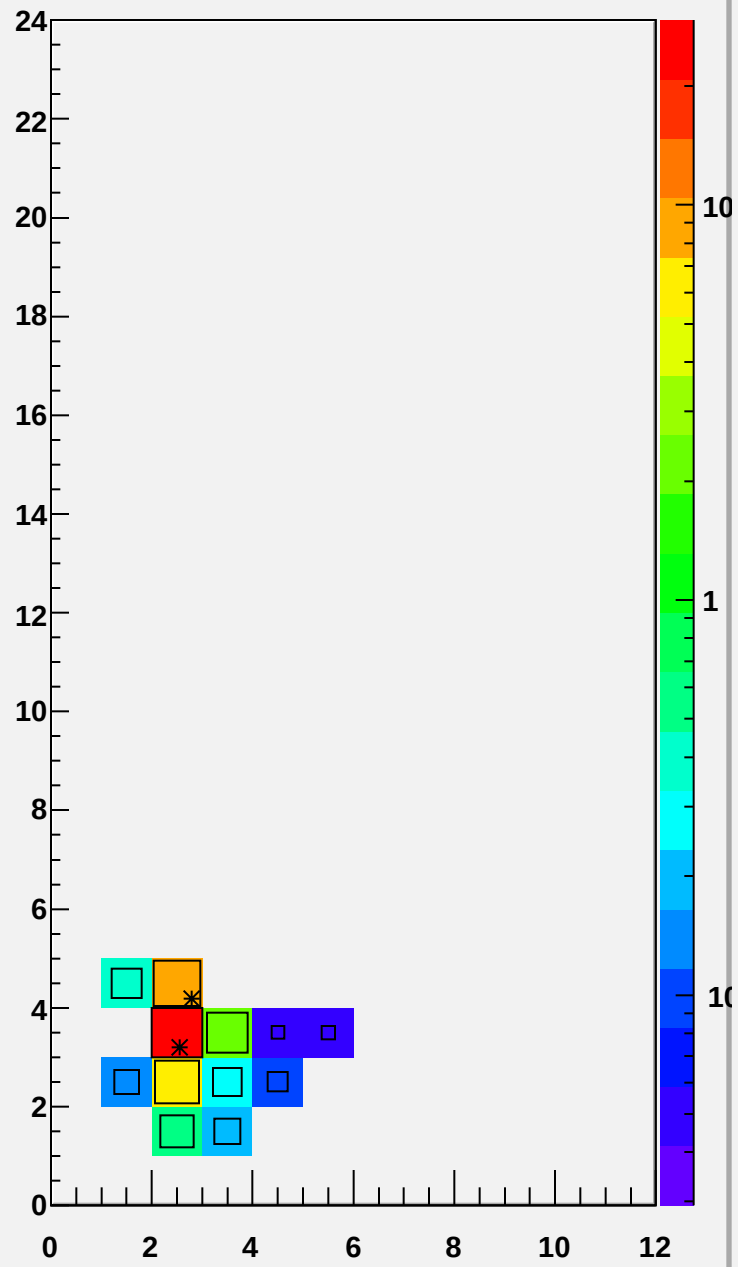
Mean x 2.736

Mean y 1.896

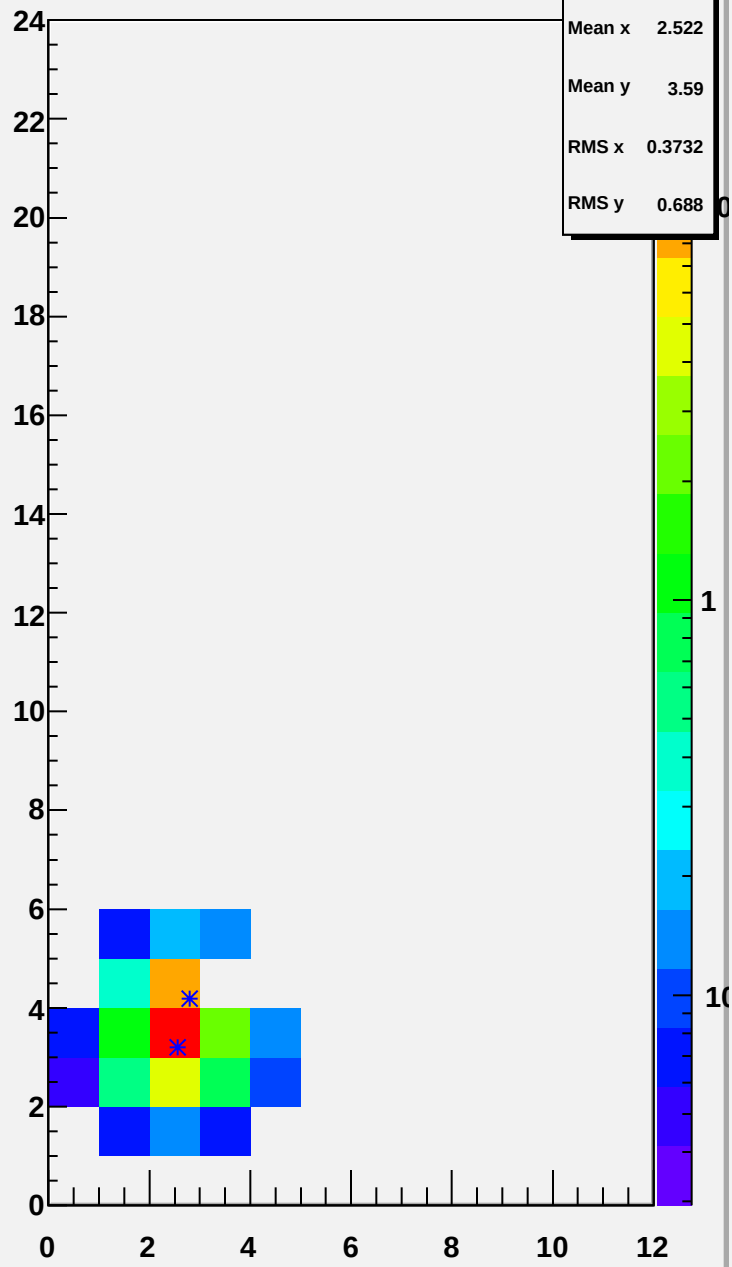
RMS x 0.489

RMS y 1.399

NSTB3_r4_c3_En=49.2_m0=0.127 m1=0.128 index=1639



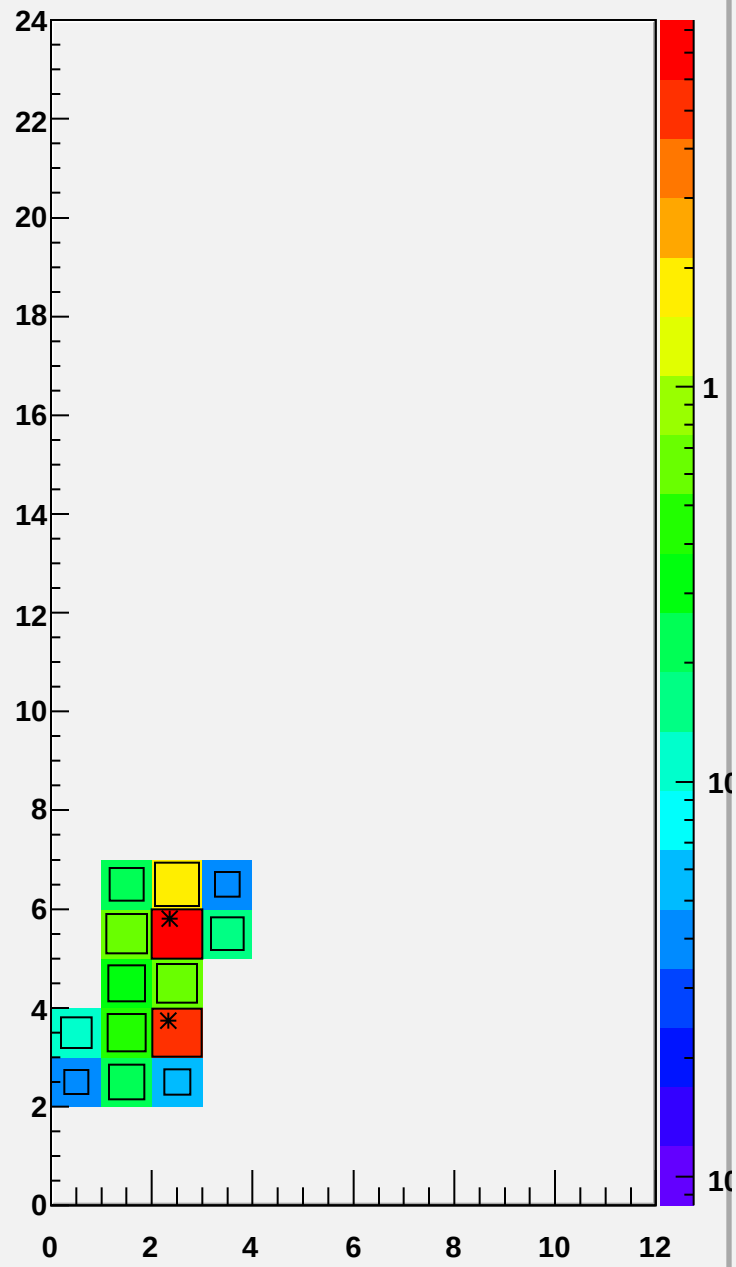
Fitted Energies



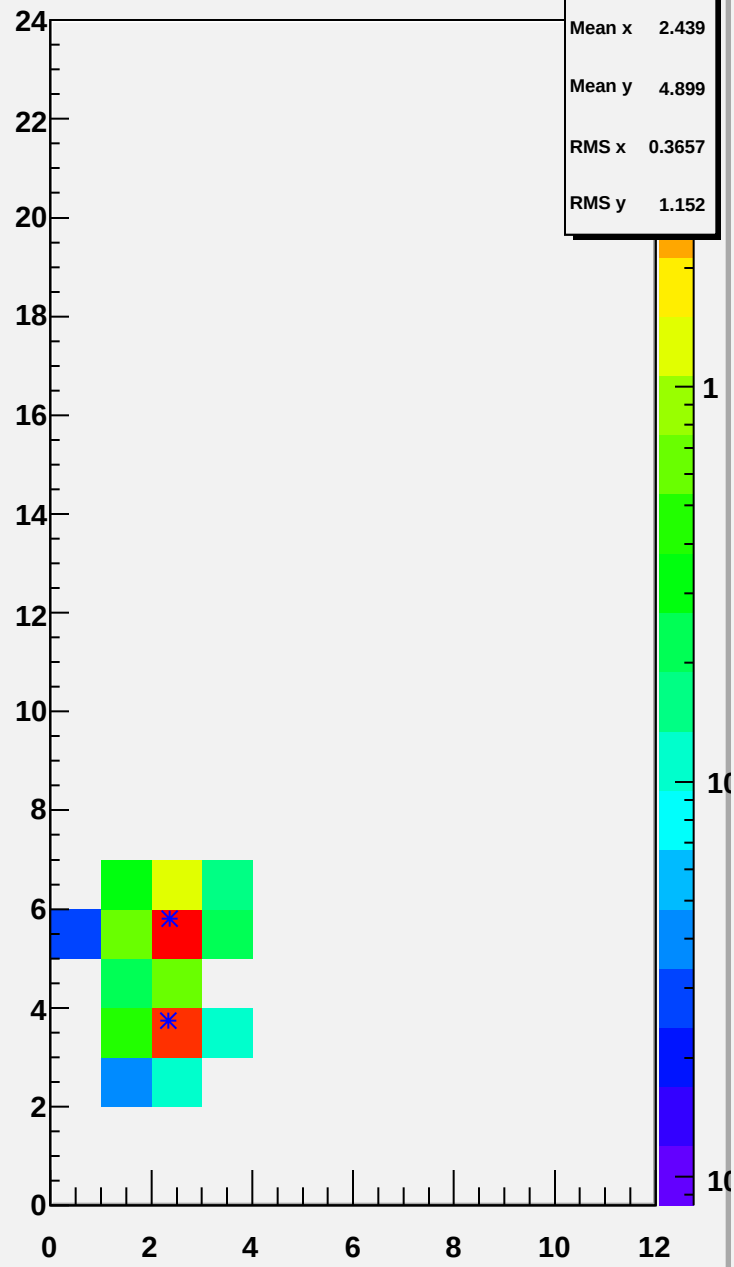
Efit

Entries	288
Mean x	2.522
Mean y	3.59
RMS x	0.3732
RMS y	0.688

NSTB3_r4_c3_En=18.4_m0=0.105_m1=0.105_index=1641



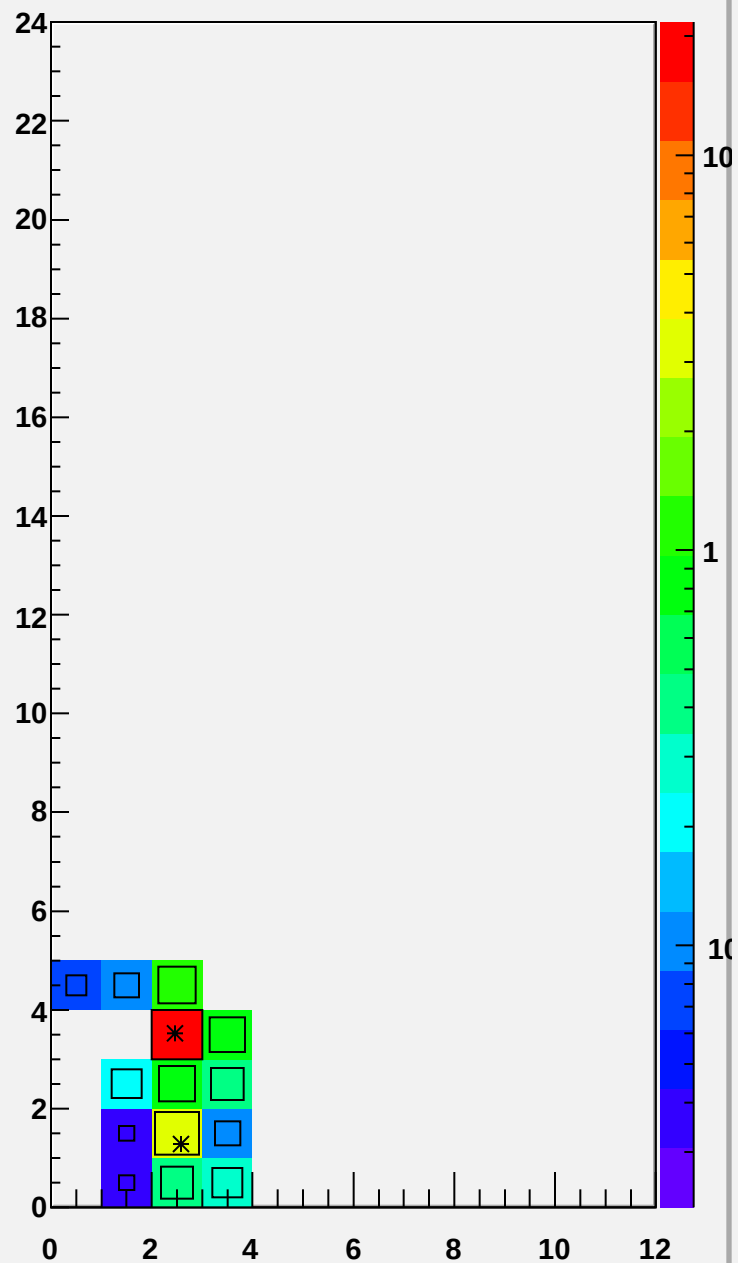
Fitted Energies



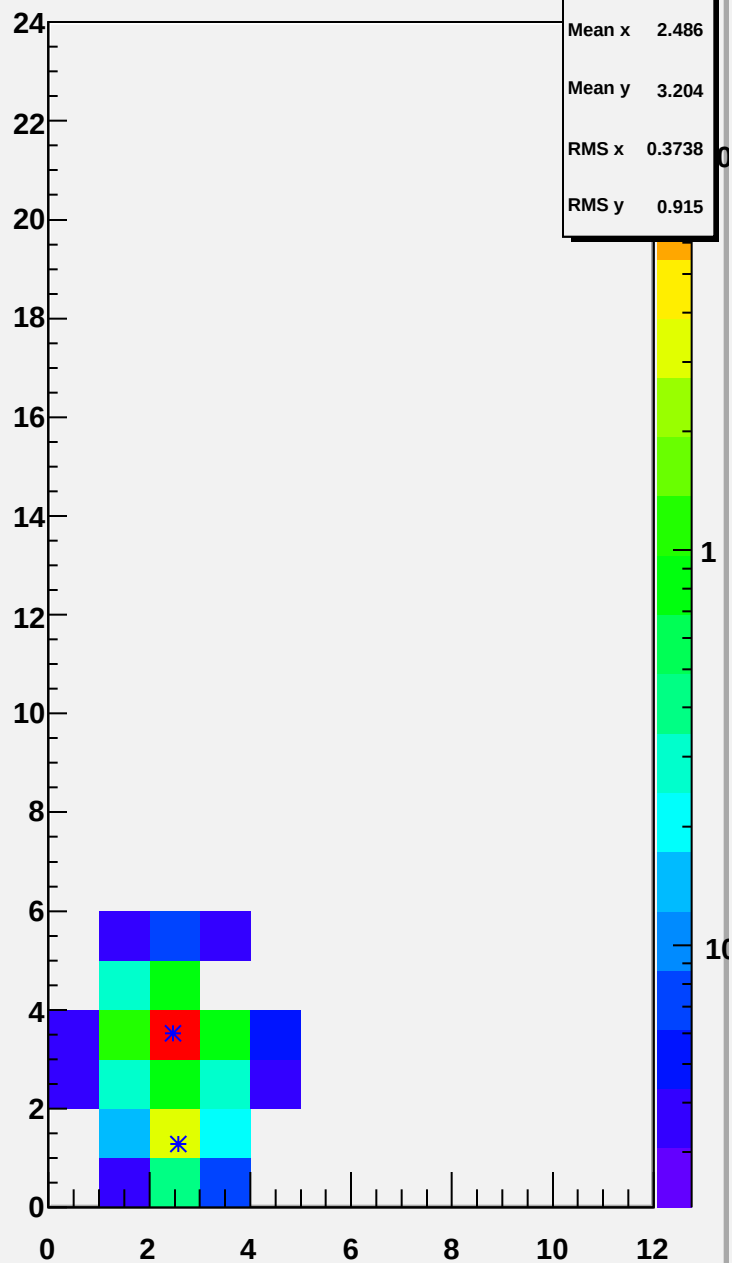
Efit

Entries	288
Mean x	2.439
Mean y	4.899
RMS x	0.3657
RMS y	1.152

NSTB3_r4_c3_En=29.4_m0=0.138 m1=0.138 index=1642



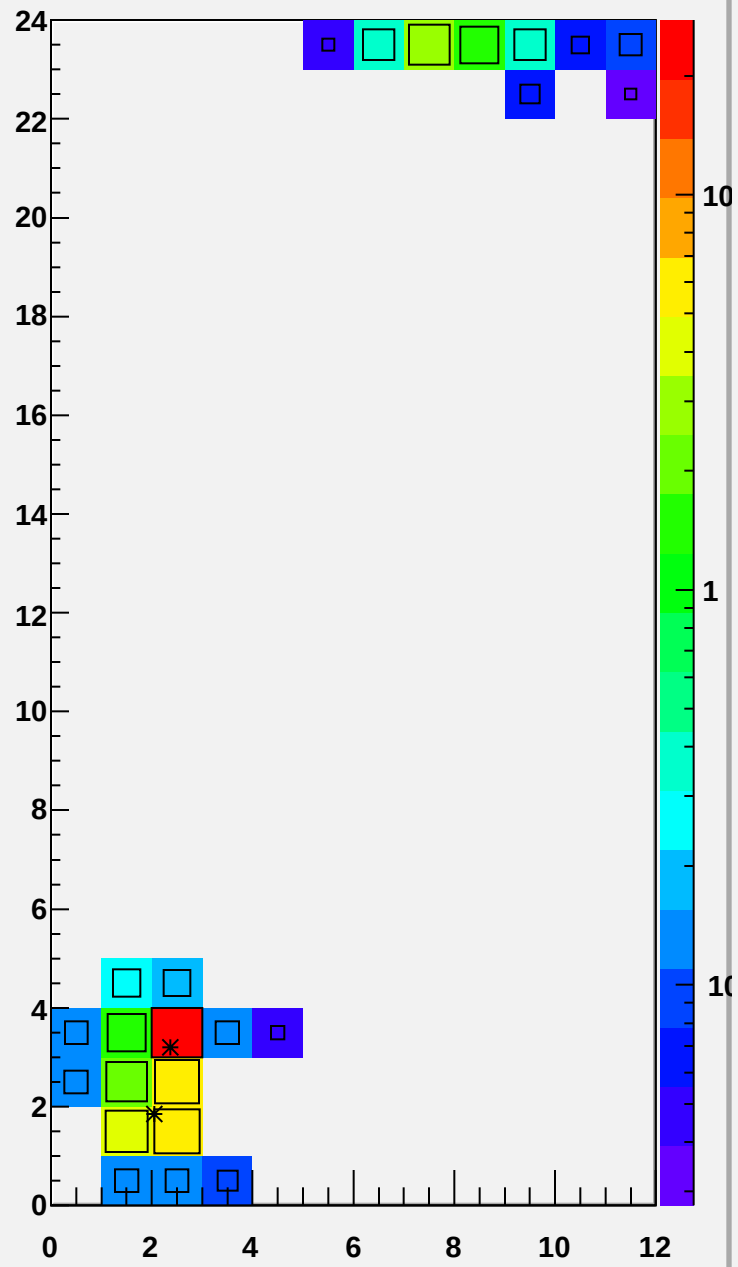
Fitted Energies



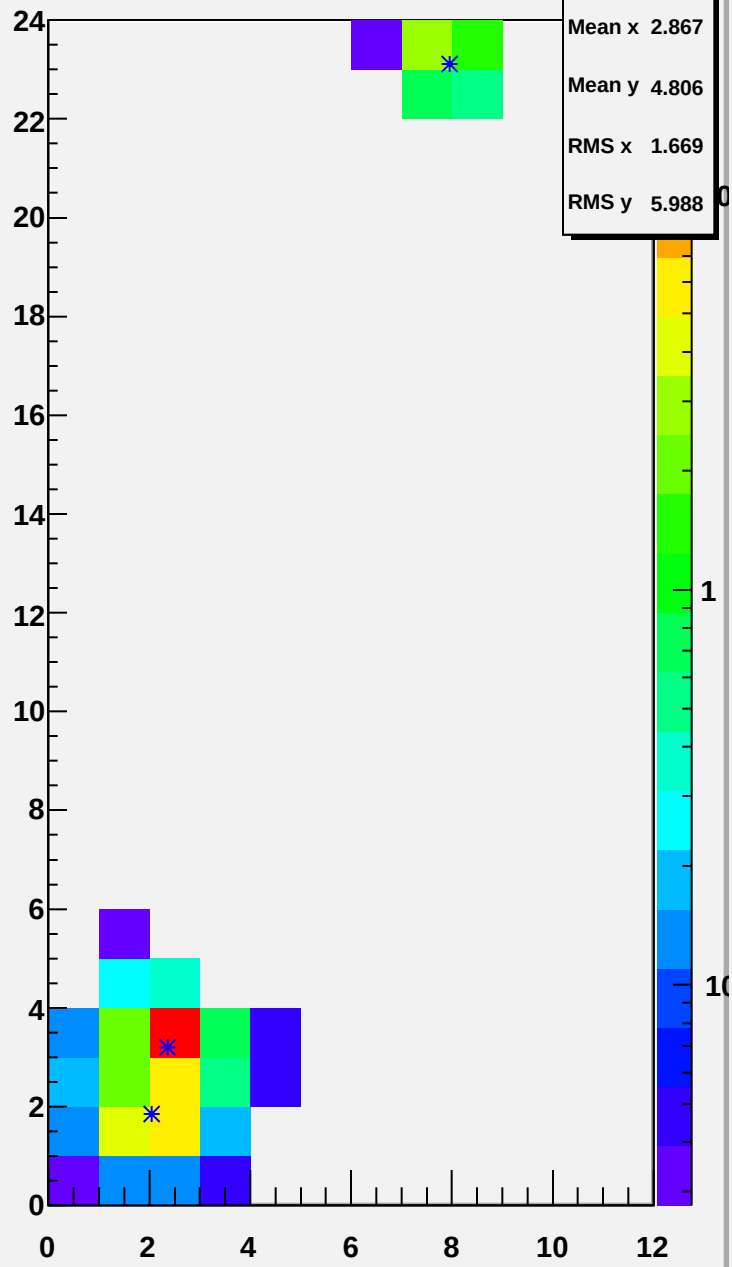
Efit

Entries	288
Mean x	2.486
Mean y	3.204
RMS x	0.3738
RMS y	0.915

NSTB3_r4_c3_En=53.5_m0=0.170 m1=0.169 index=1643



Fitted Energies



Efit

Entries 288

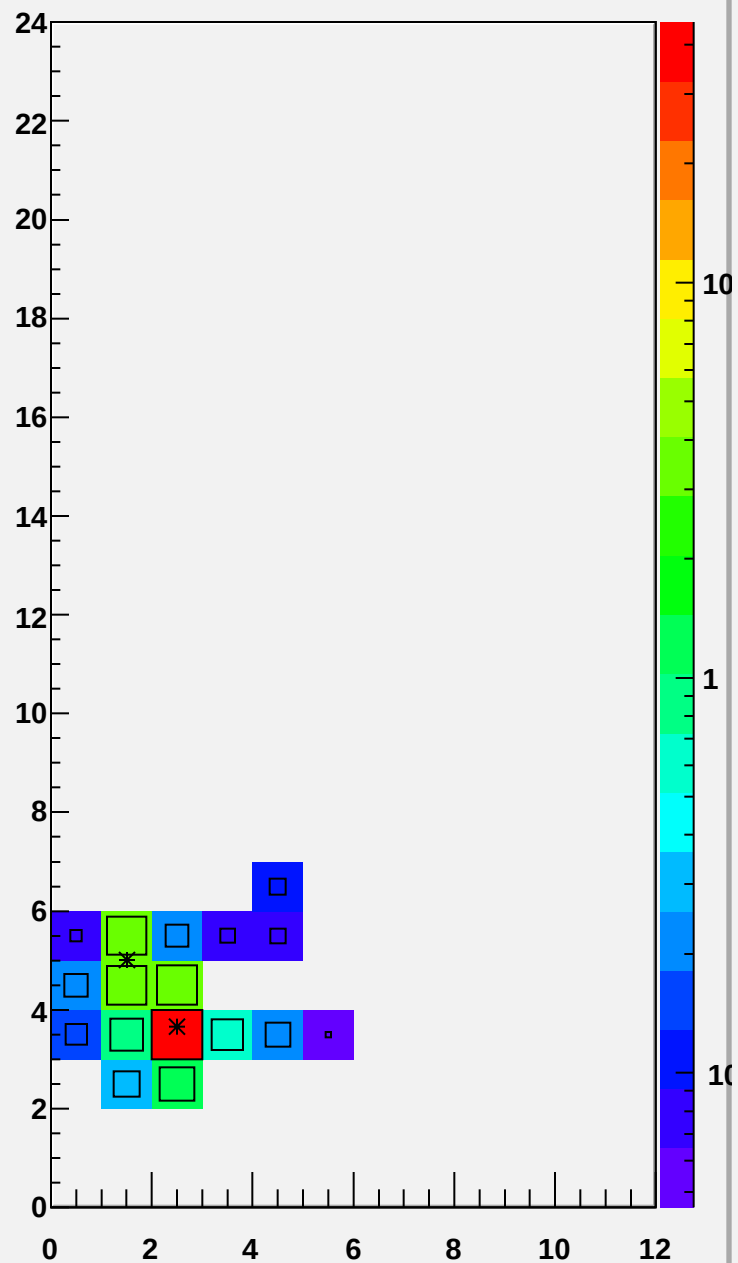
Mean x 2.867

Mean y 4.806

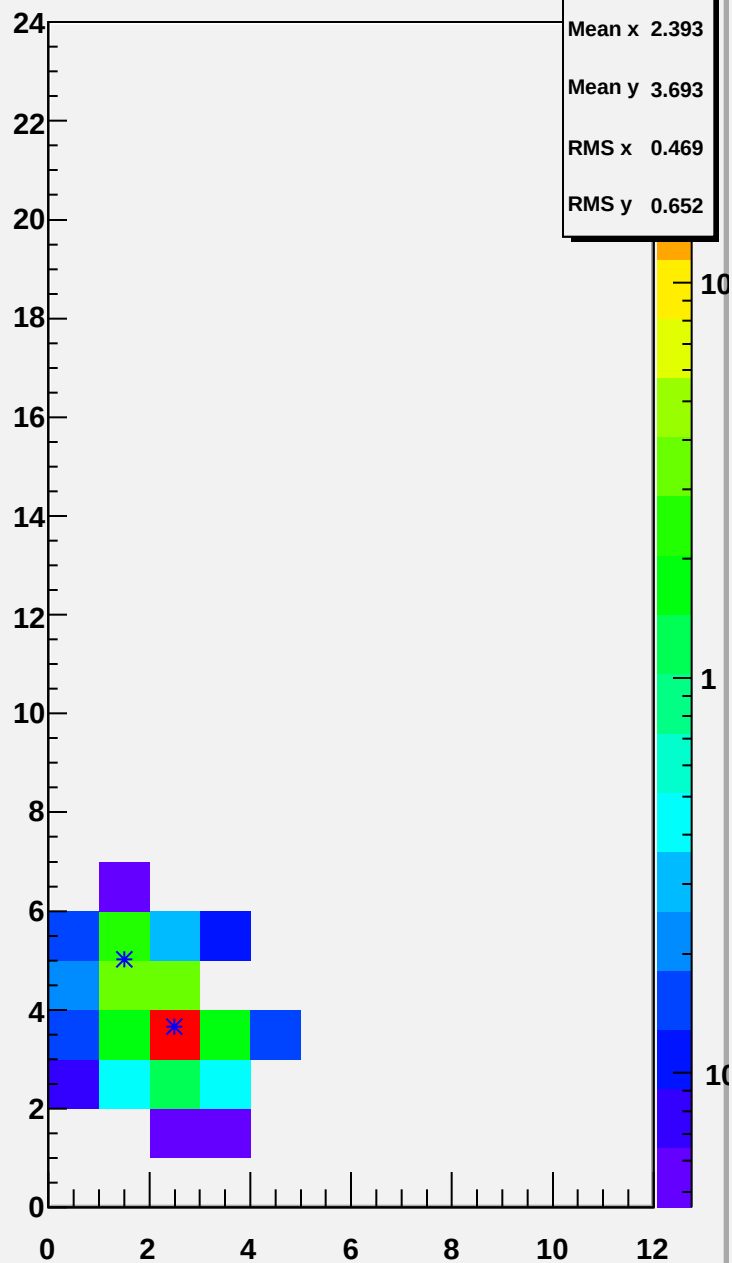
RMS x 1.669

RMS y 5.988

NSTB3_r4_c3_En=59.4_m0=0.167 m1=0.165 index=1644



Fitted Energies



Efit

Entries 288

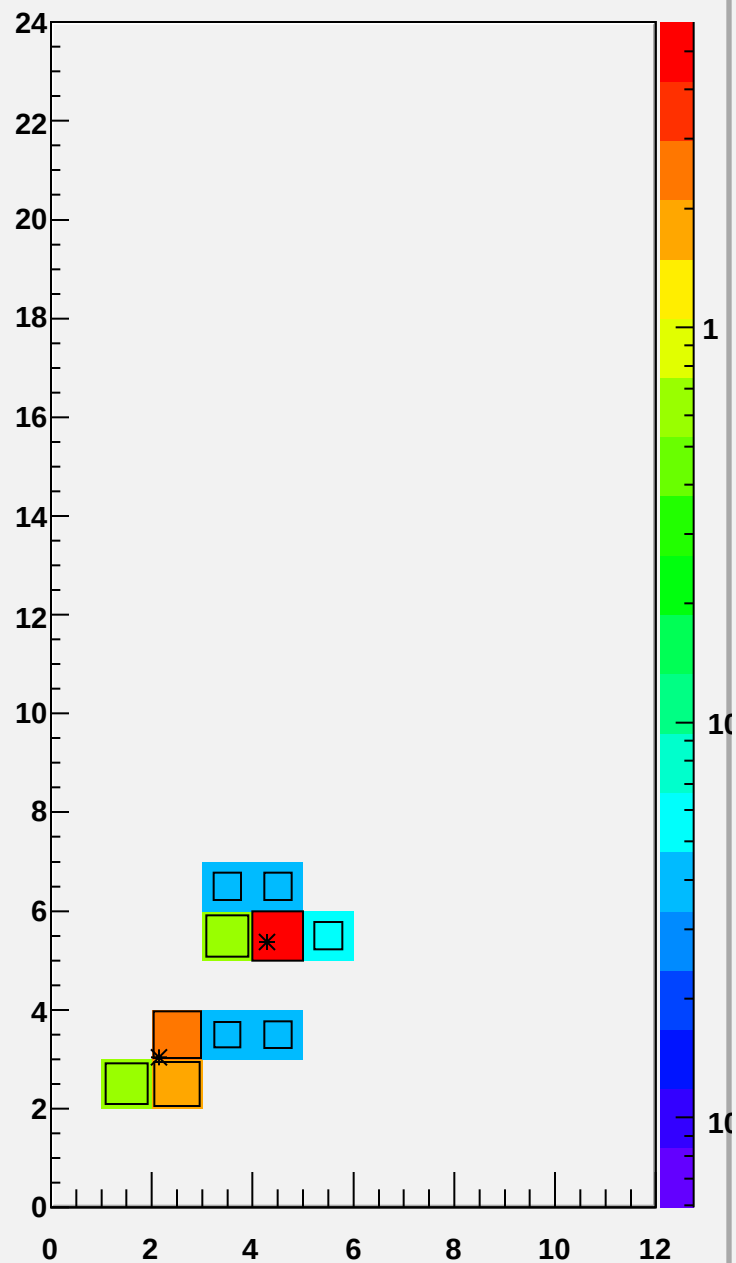
Mean x 2.393

Mean y 3.693

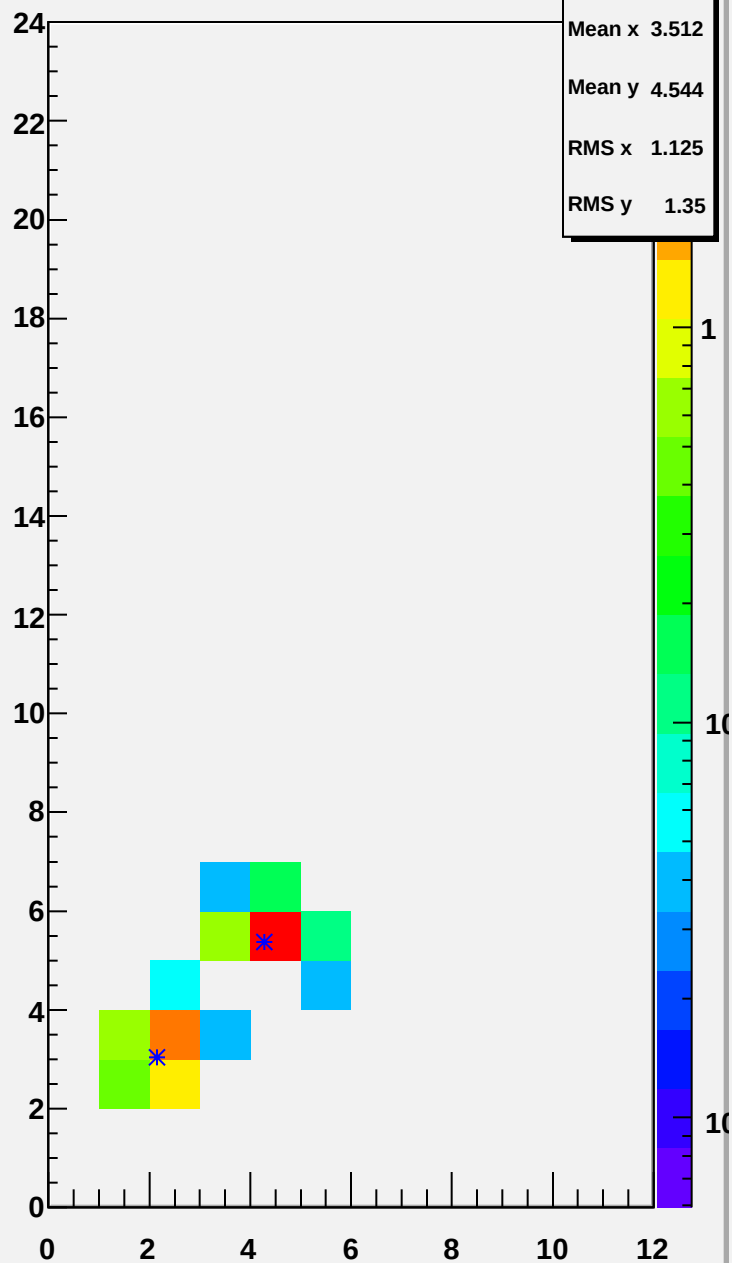
RMS x 0.469

RMS y 0.652

NSTB3_r4_c3_En=11.7_m0=0.110 m1=0.110 index=1645



Fitted Energies



Efit

Entries 288

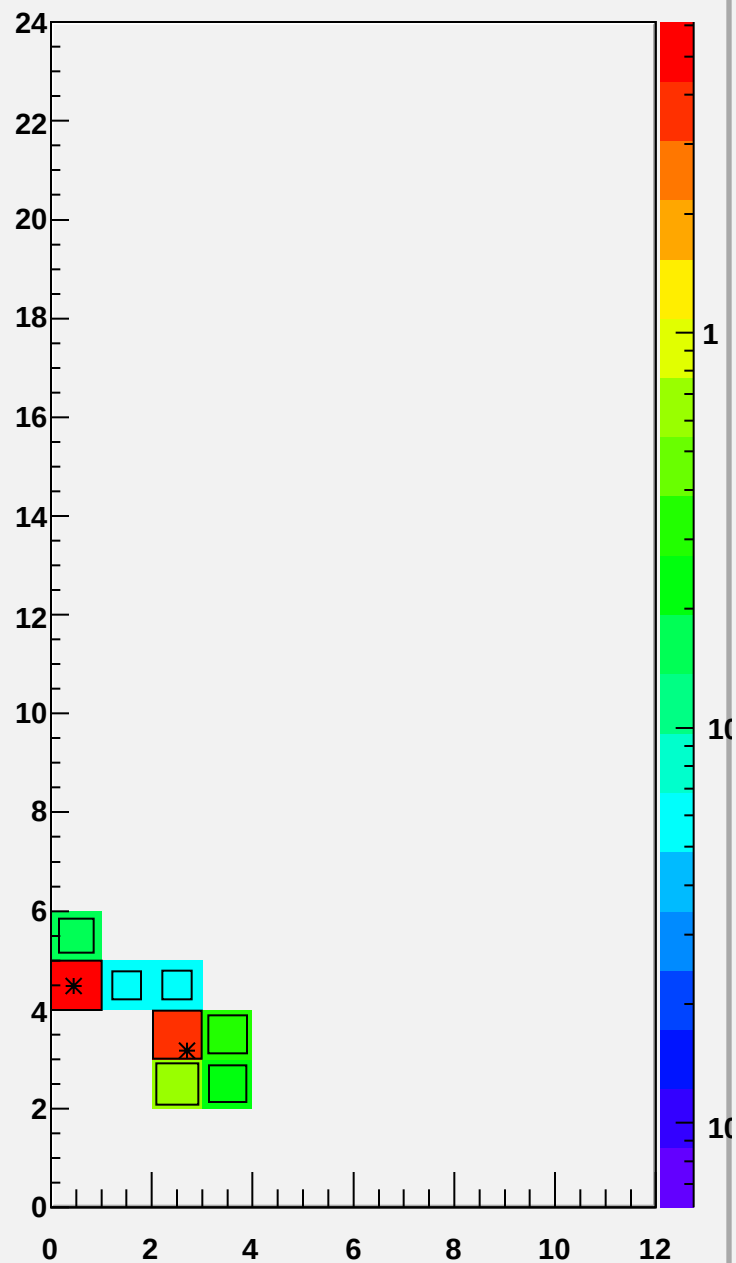
Mean x 3.512

Mean y 4.544

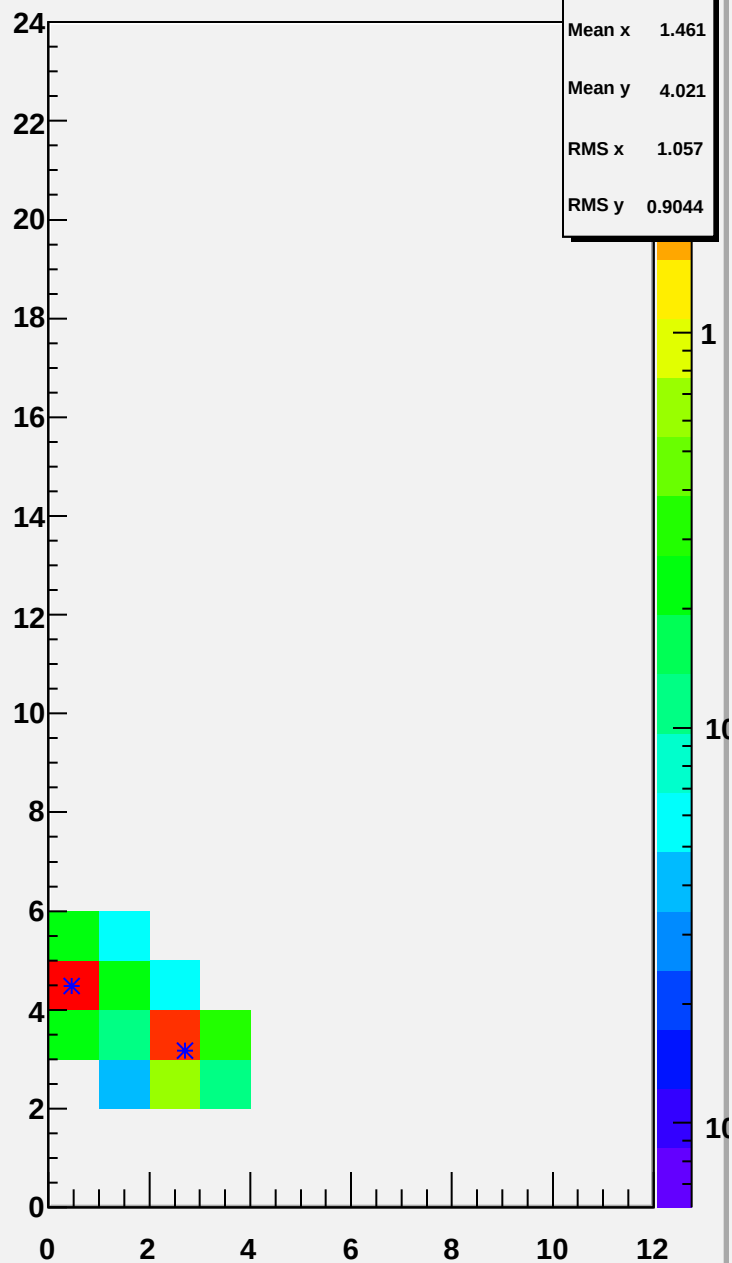
RMS x 1.125

RMS y 1.35

NSTB3_r4_c3_En=11.6_m0=0.088 m1=0.088 index=1646



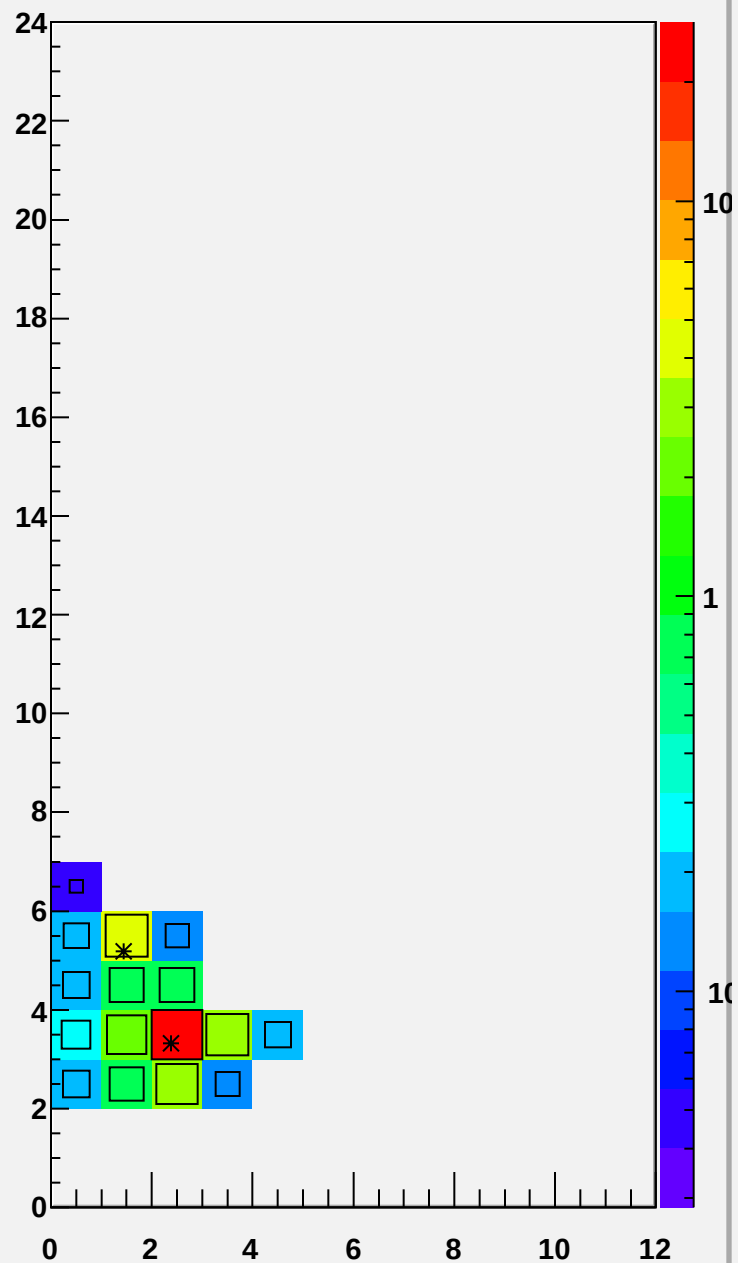
Fitted Energies



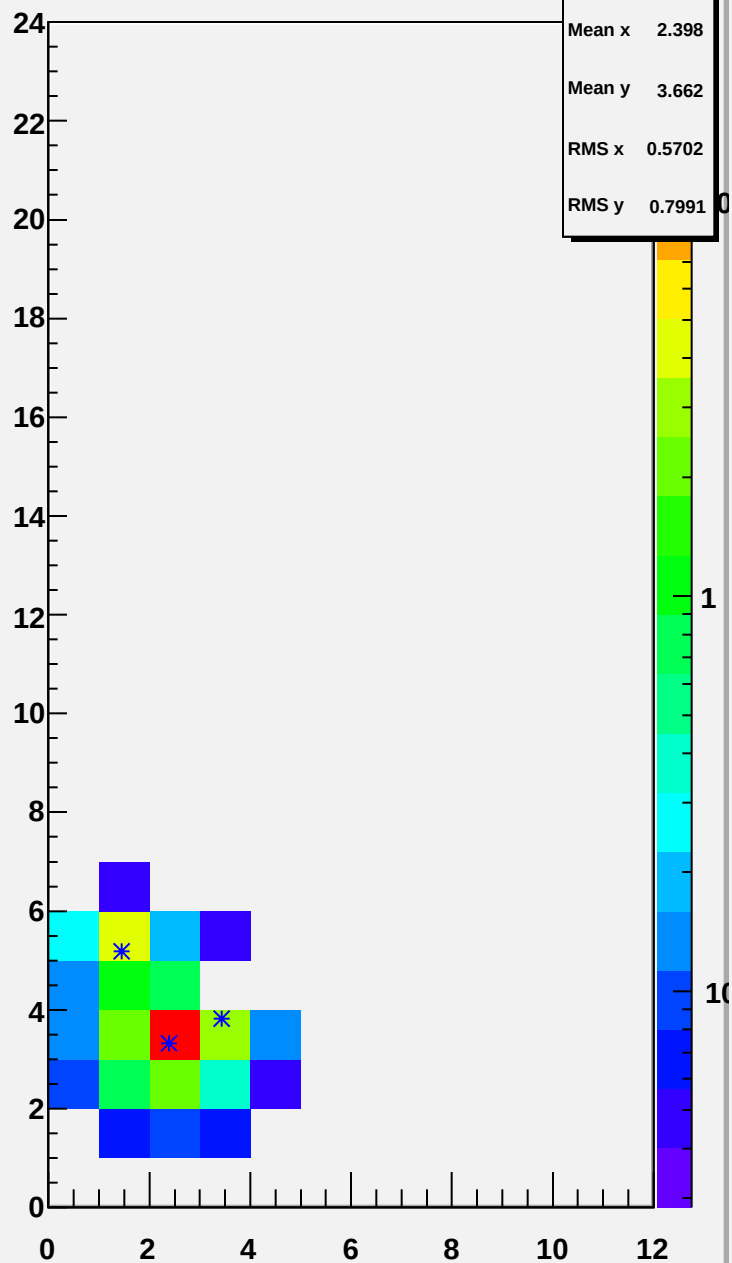
Efit

Entries	288
Mean x	1.461
Mean y	4.021
RMS x	1.057
RMS y	0.9044

NSTB3_r4_c3_En=43.8_m0=0.159 m1=0.159 index=1647



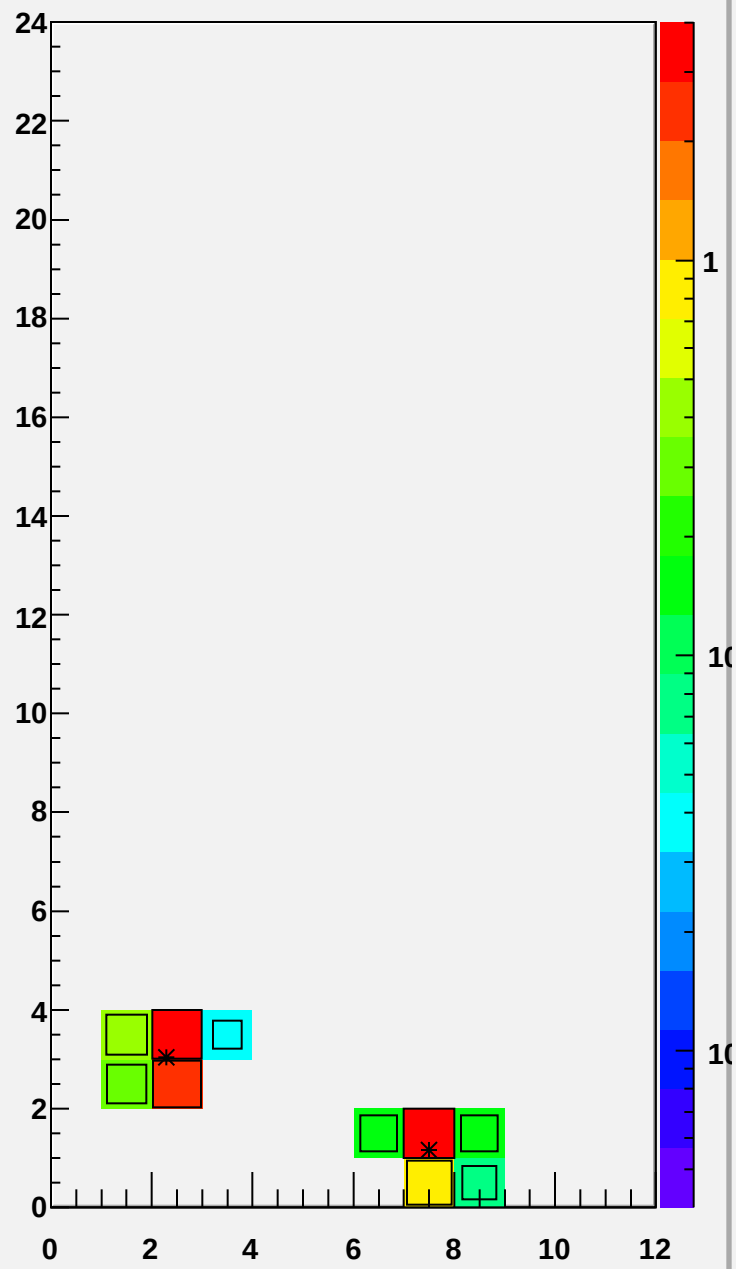
Fitted Energies



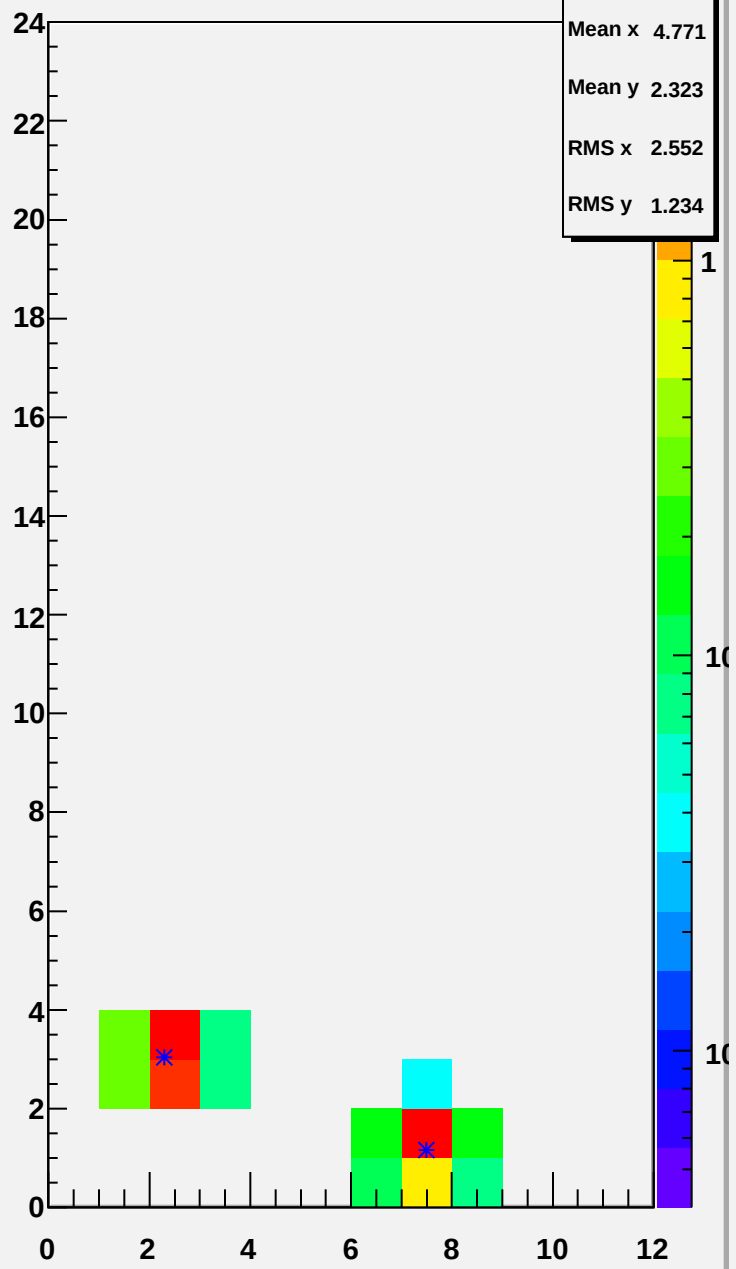
Efit

Entries	288
Mean x	2.398
Mean y	3.662
RMS x	0.5702
RMS y	0.7991

NSTB3_r4_c3_En=11.5_m0=0.186 m1=0.186 index=1648



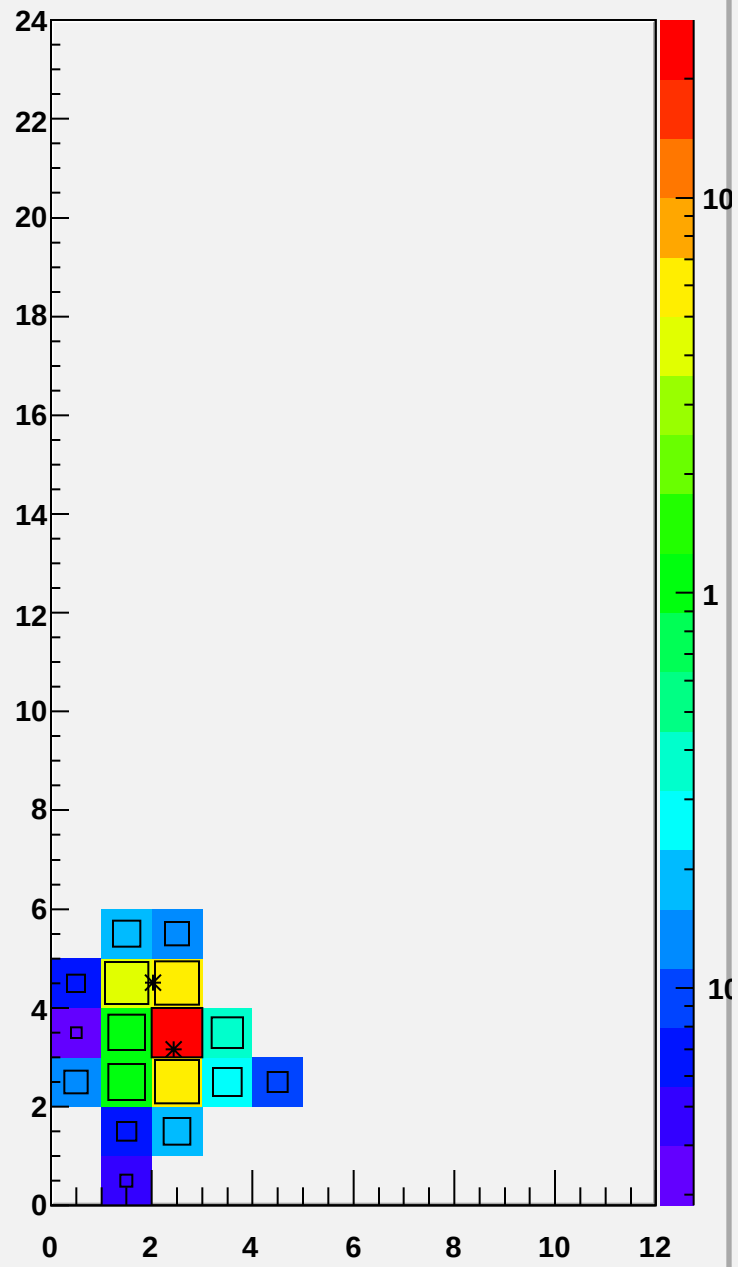
Fitted Energies



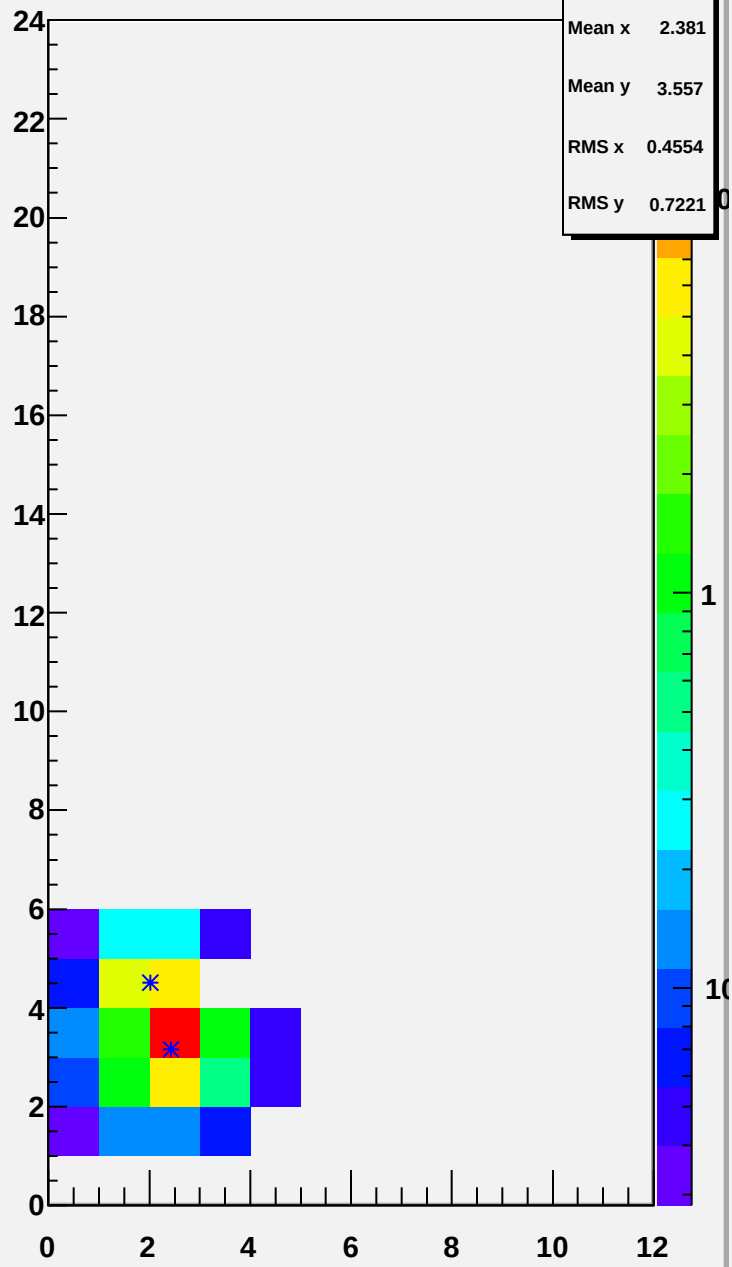
Efit

Entries 288
Mean x 4.771
Mean y 2.323
RMS x 2.552
RMS y 1.234

NSTB3_r4_c3_En=47.1_m0=0.148 m1=0.147 index=1649



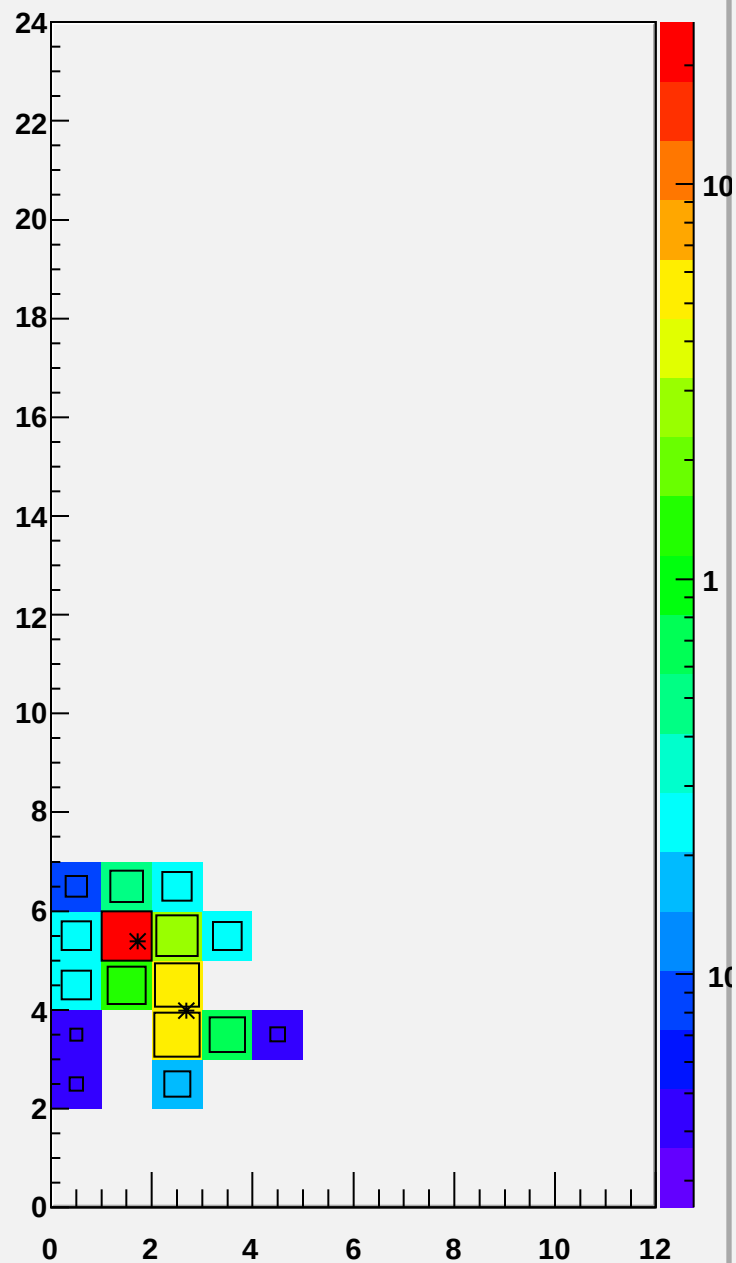
Fitted Energies



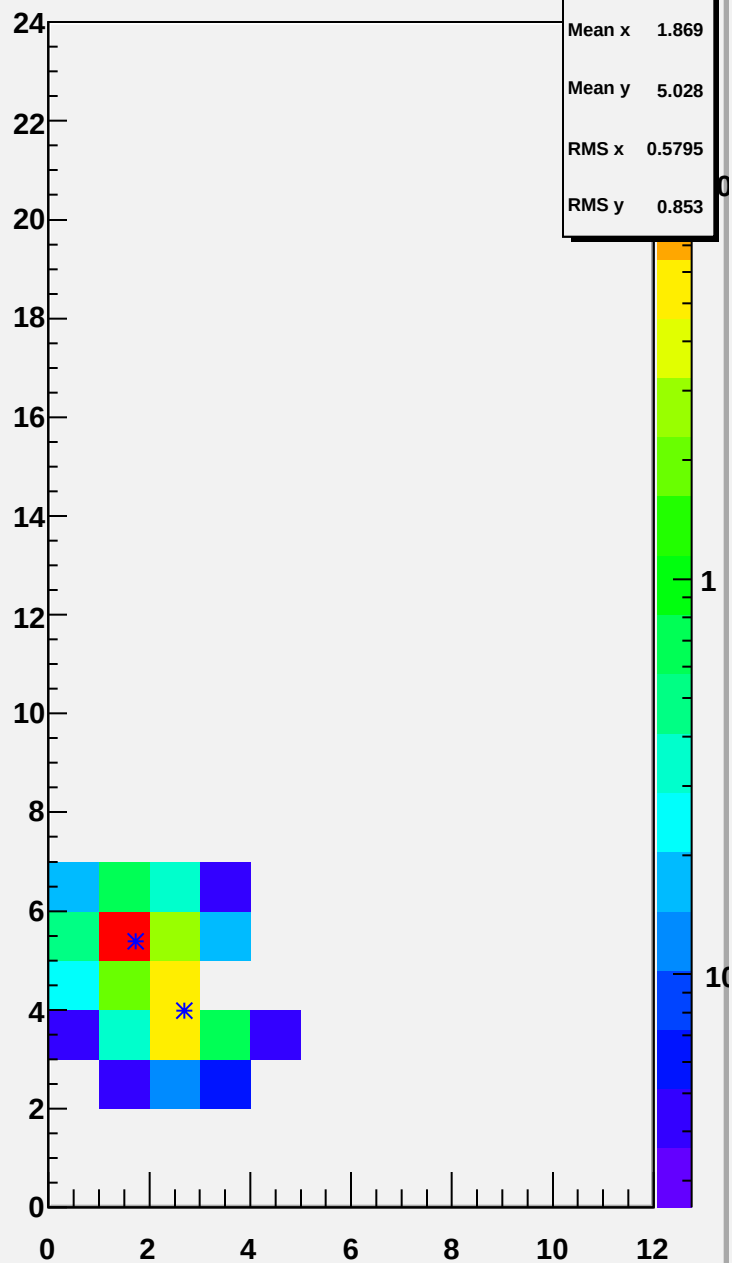
Efit

Entries	288
Mean x	2.381
Mean y	3.557
RMS x	0.4554
RMS y	0.7221

NSTB3_r4_c3_En=44.5_m0=0.202 m1=0.202 index=1650



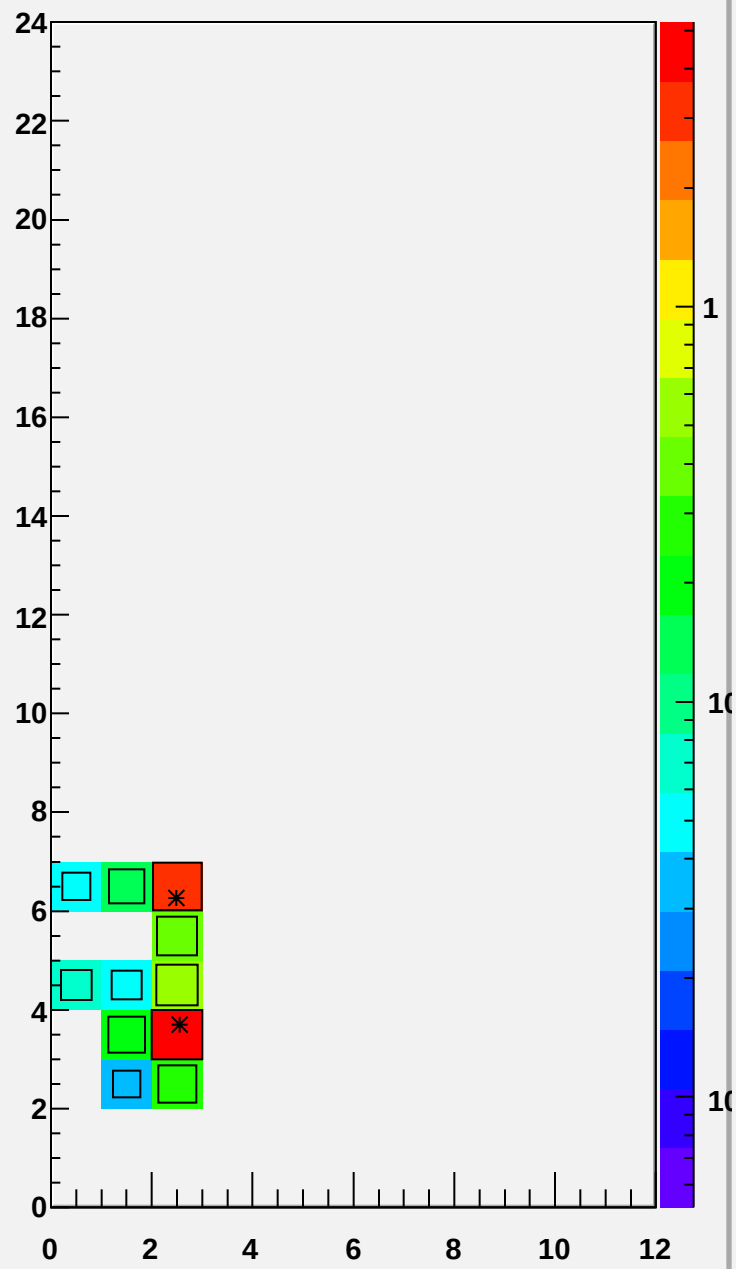
Fitted Energies



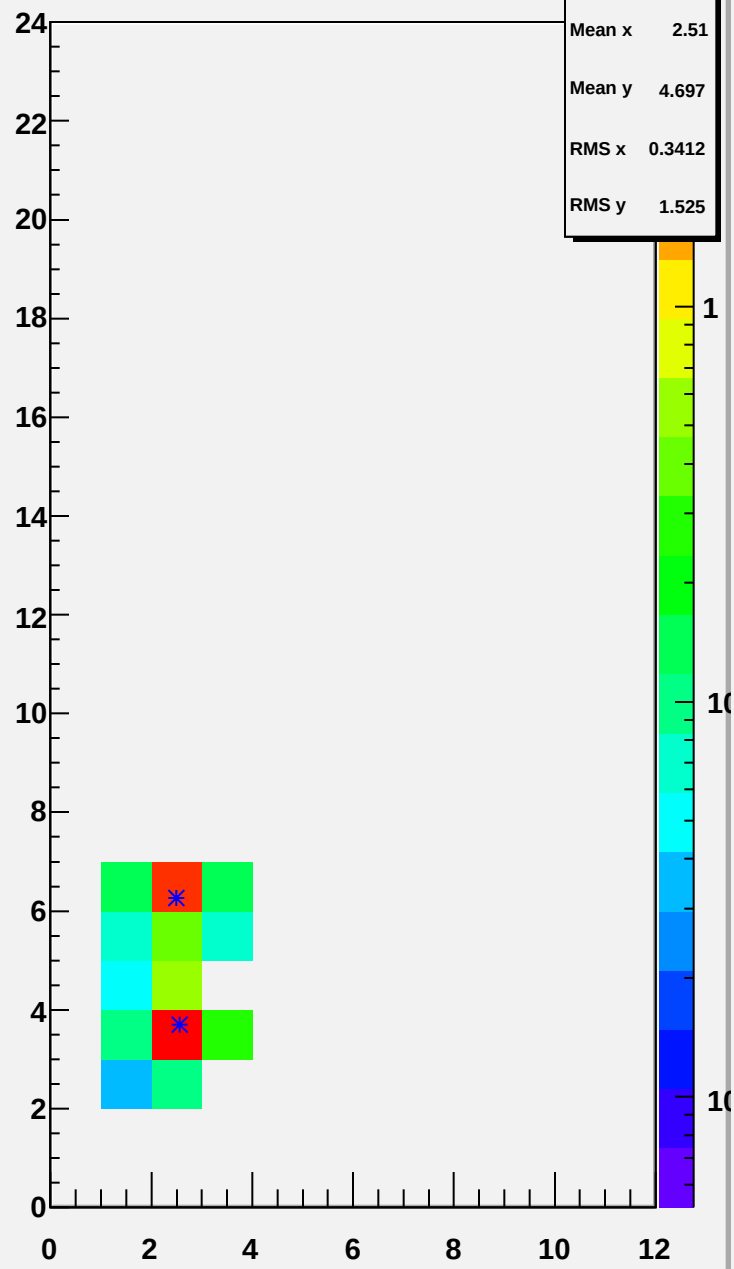
Efit

Entries	288
Mean x	1.869
Mean y	5.028
RMS x	0.5795
RMS y	0.853

NSTB3_r4_c3_En=10.2_m0=0.075 m1=0.075 index=1651



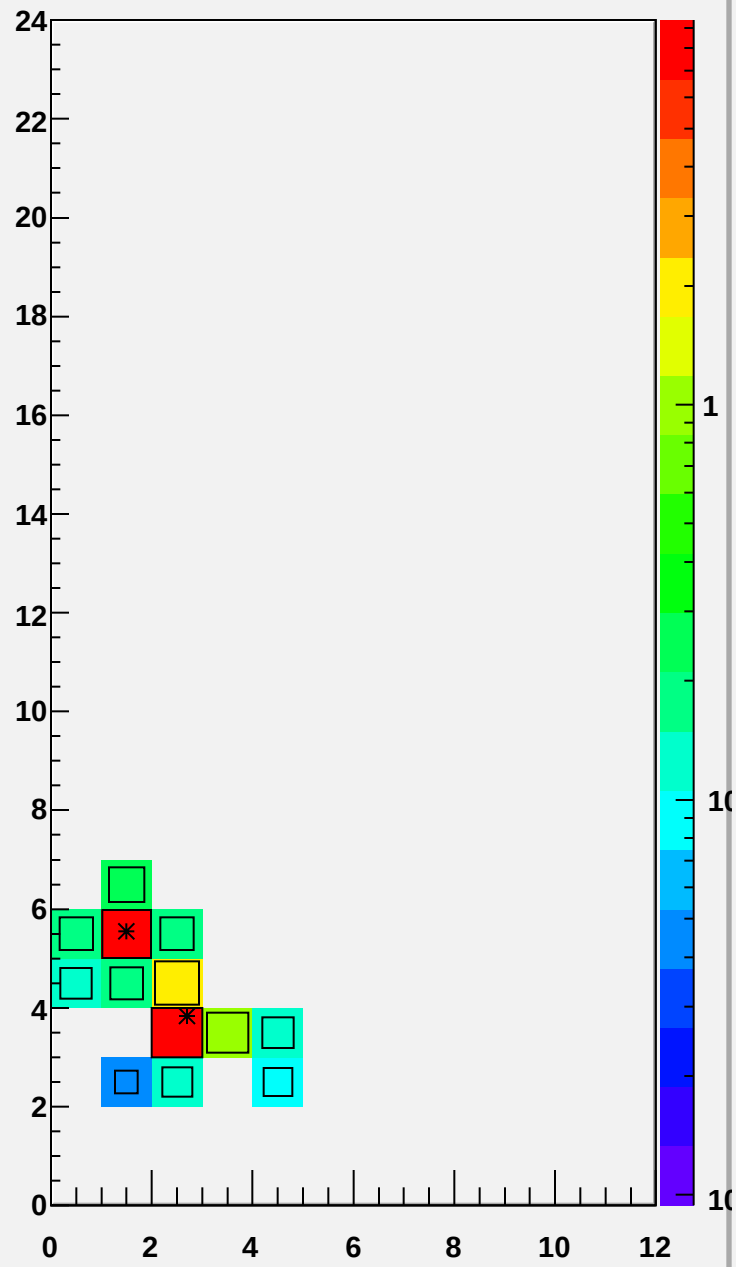
Fitted Energies



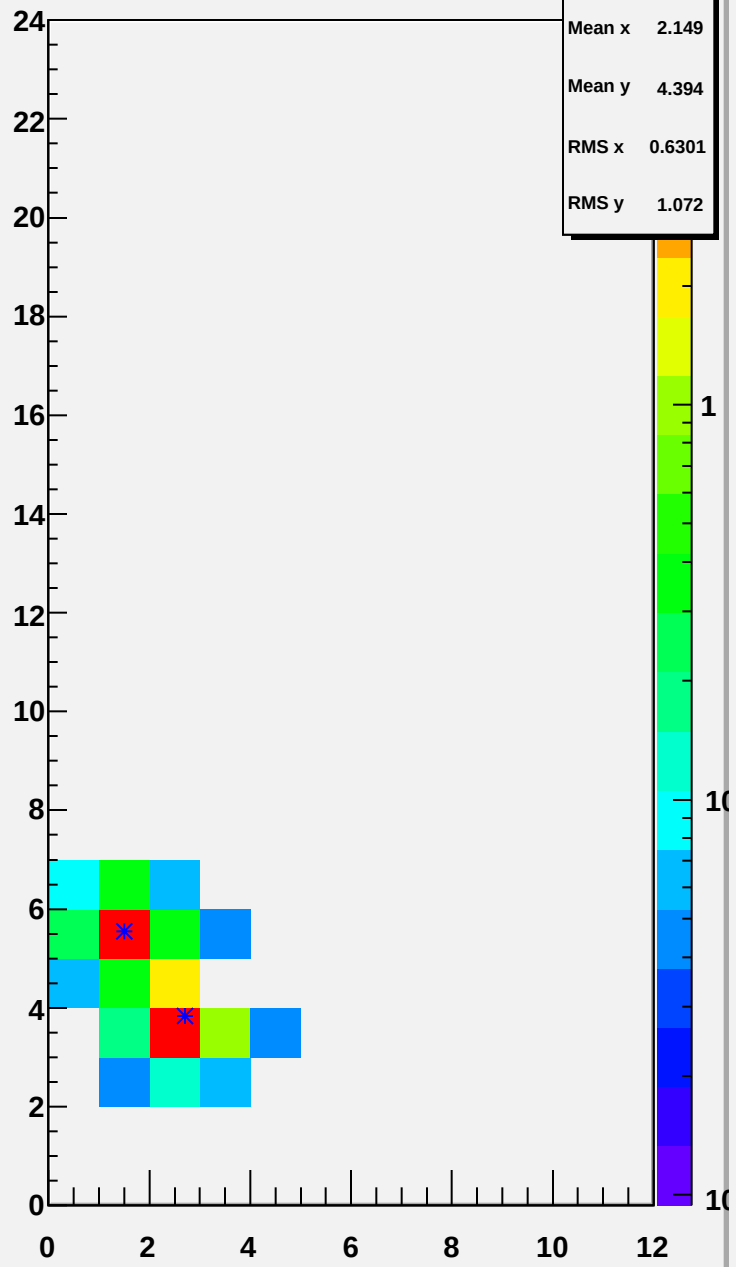
Efit

Entries	288
Mean x	2.51
Mean y	4.697
RMS x	0.3412
RMS y	1.525

NSTB3_r4_c3_En=20.4_m0=0.121 m1=0.121 index=1652



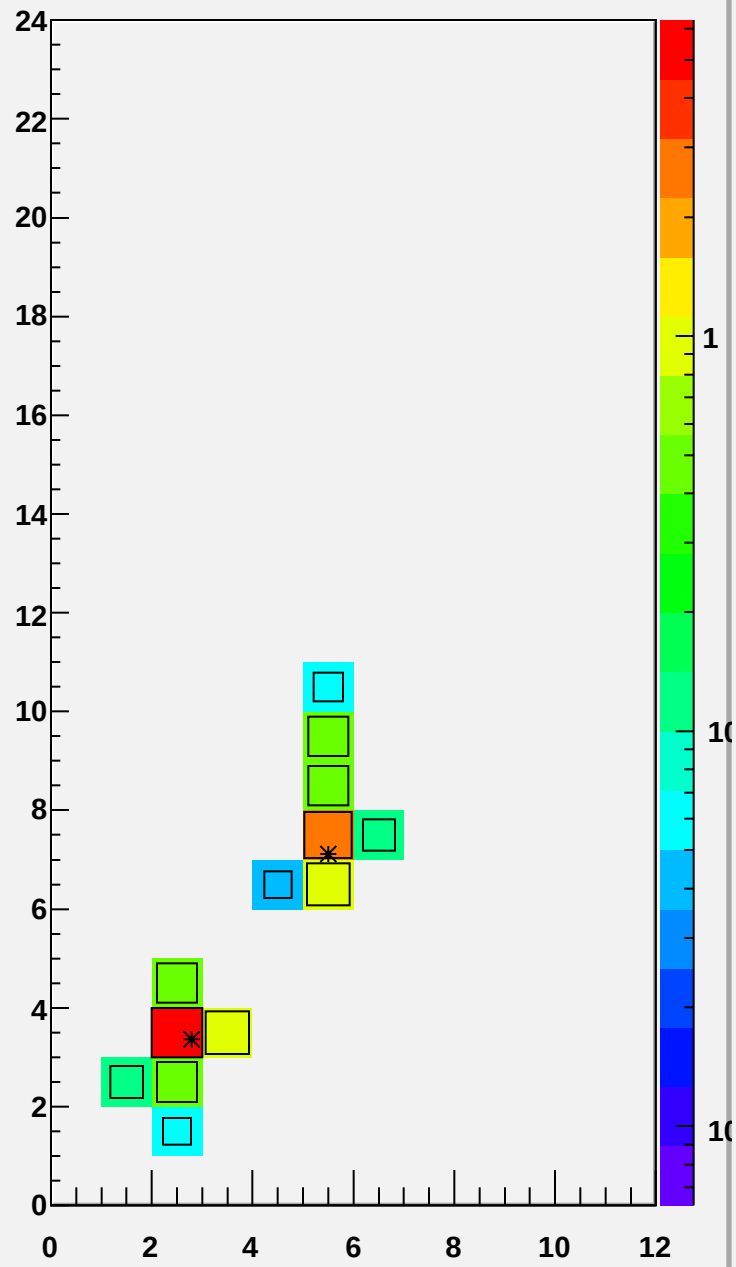
Fitted Energies



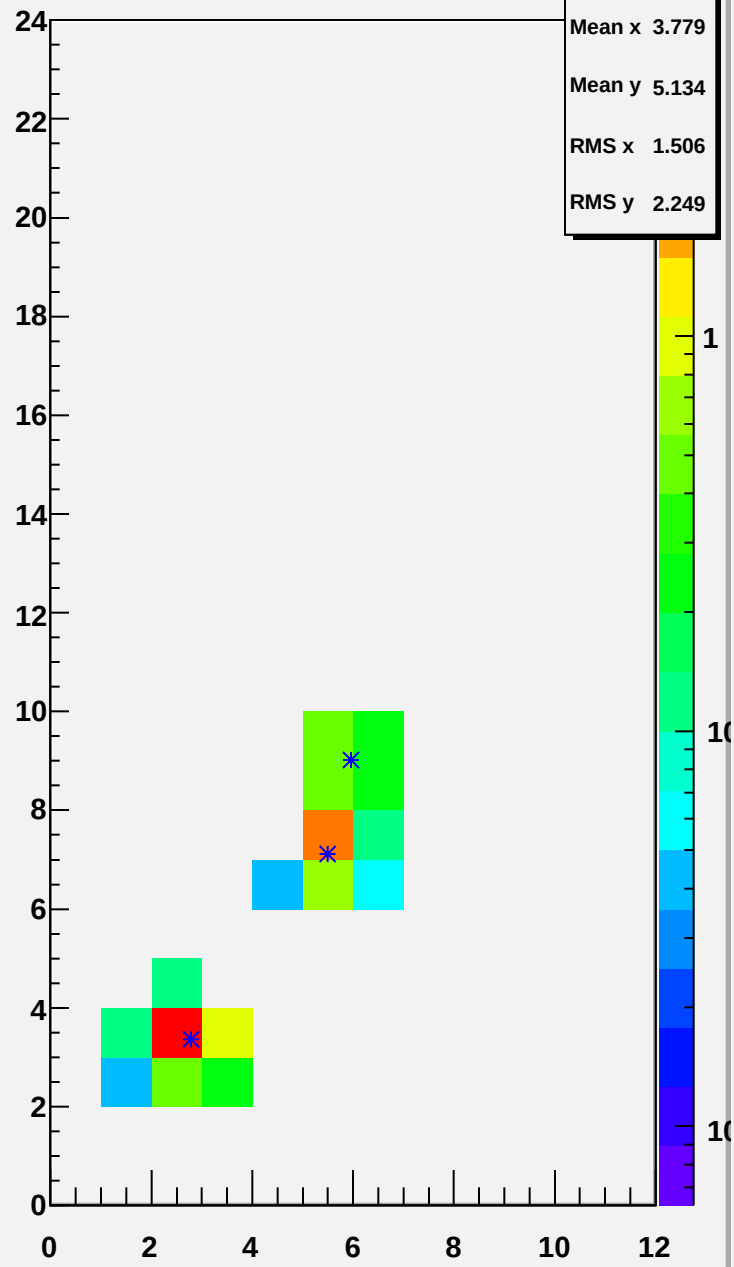
Efit

Entries	288
Mean x	2.149
Mean y	4.394
RMS x	0.6301
RMS y	1.072

NSTB3_r4_c3_En=13.4_m0=0.154_m1=0.151_index=1654



Fitted Energies



Efit

Entries 288

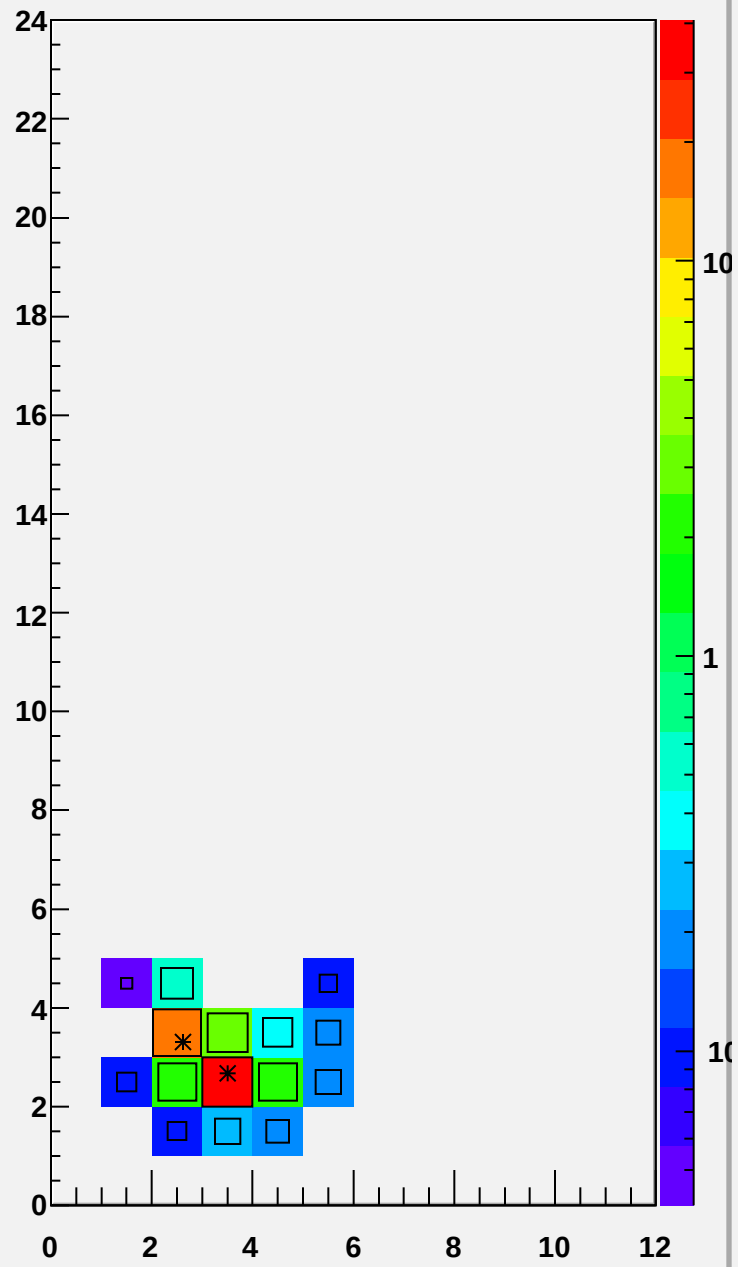
Mean x 3.779

Mean y 5.134

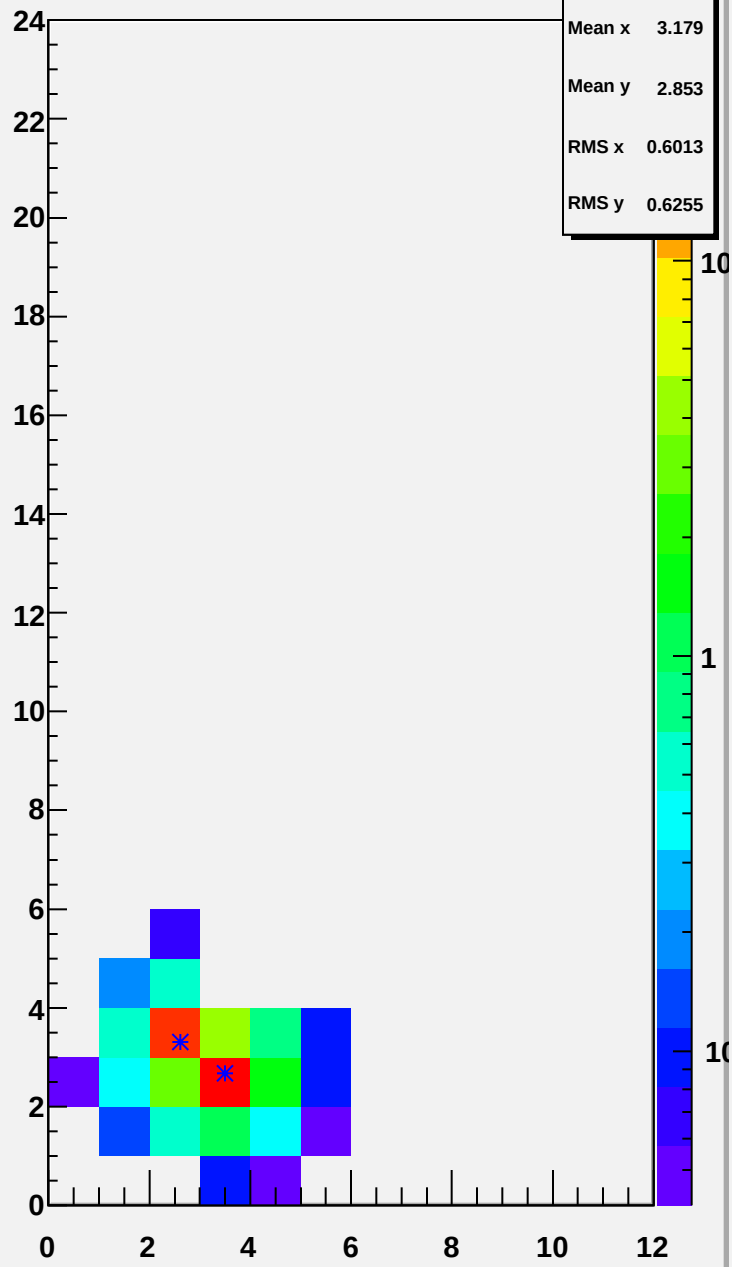
RMS x 1.506

RMS y 2.249

NSTB3_r4_c3_En=70.2_m0=0.213 m1=0.213 index=1655



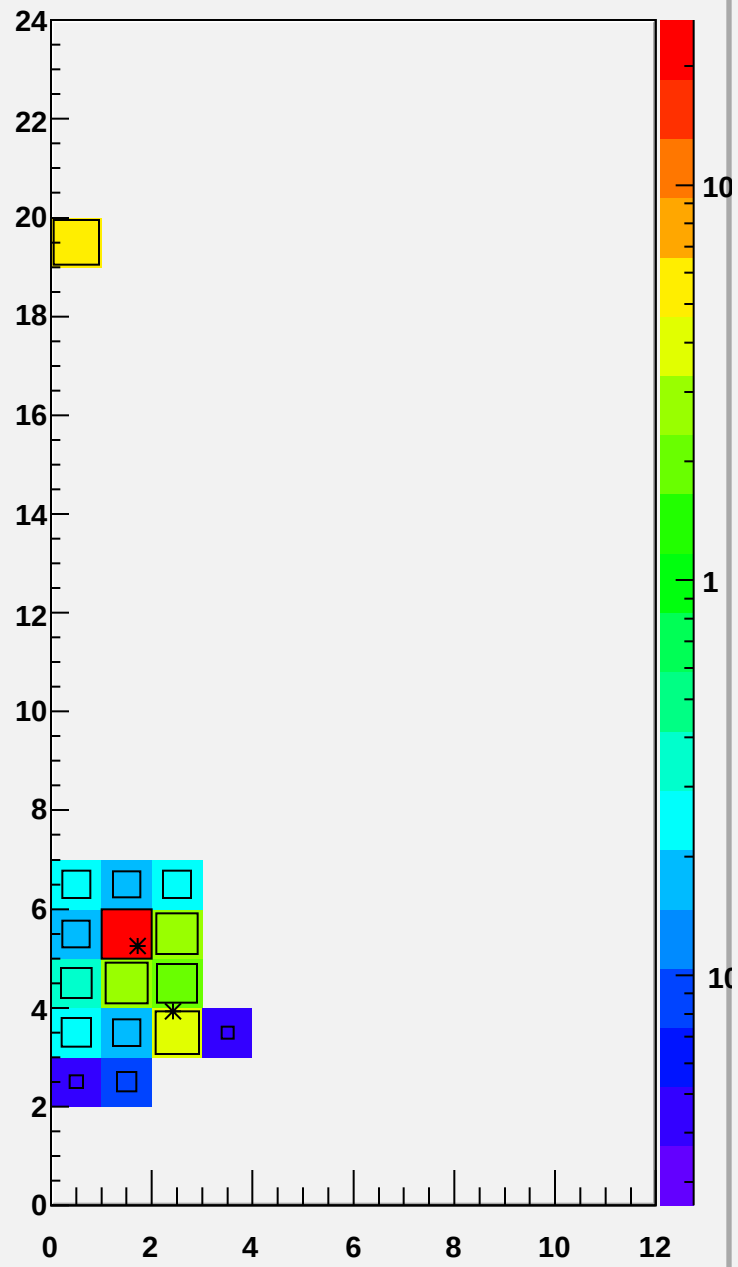
Fitted Energies



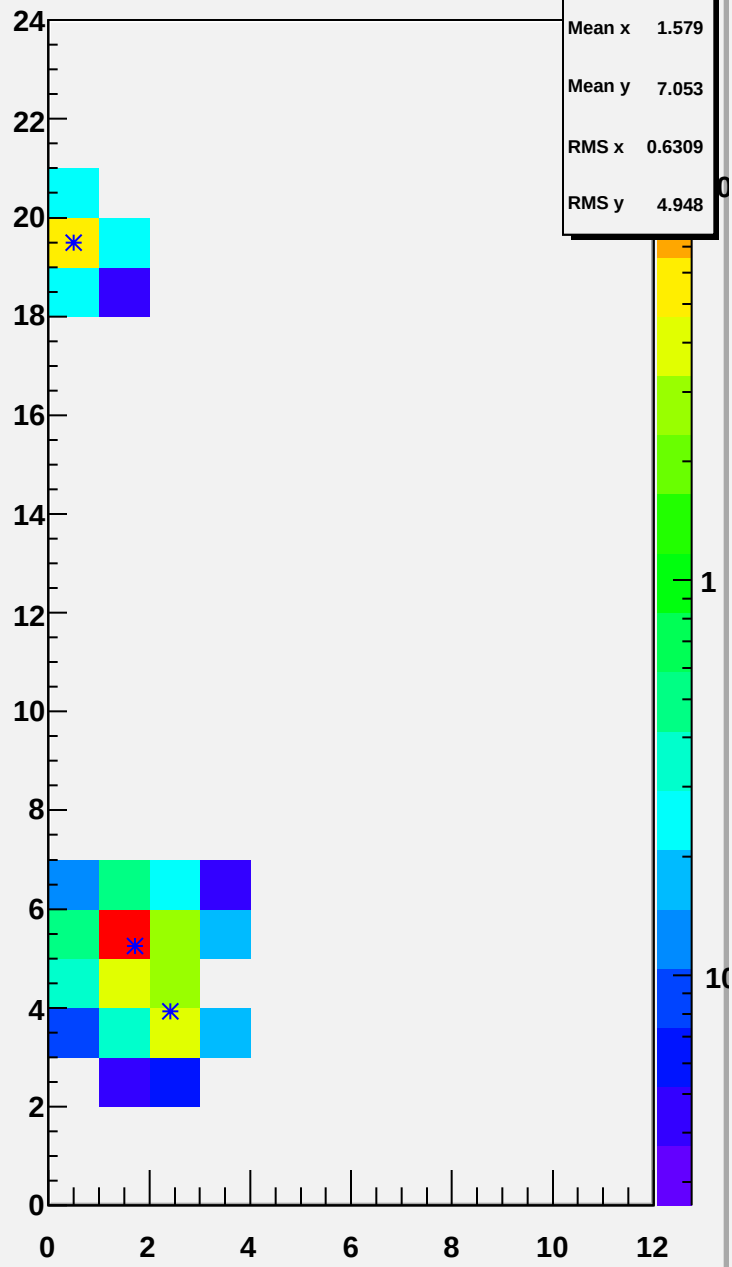
Efit

Entries	288
Mean x	3.179
Mean y	2.853
RMS x	0.6013
RMS y	0.6255

NSTB3_r4_c3_En=46.5_m0=0.131 m1=0.132 index=1656



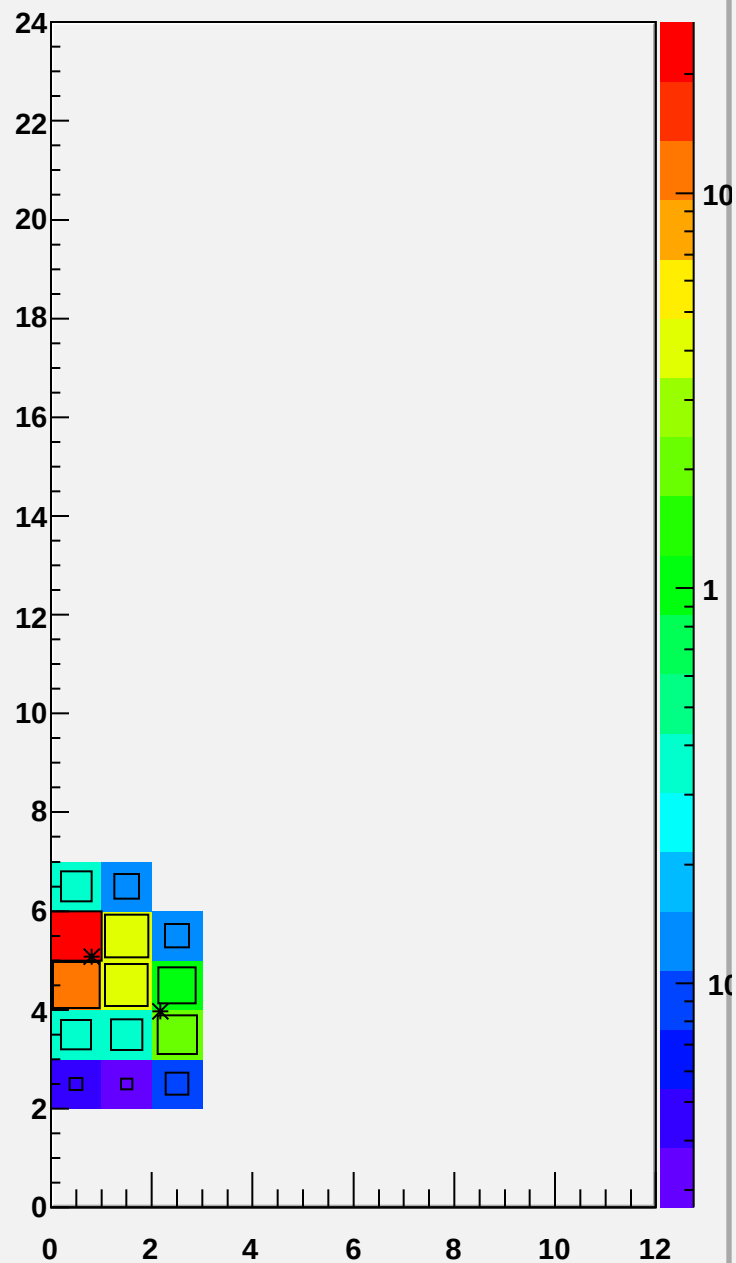
Fitted Energies



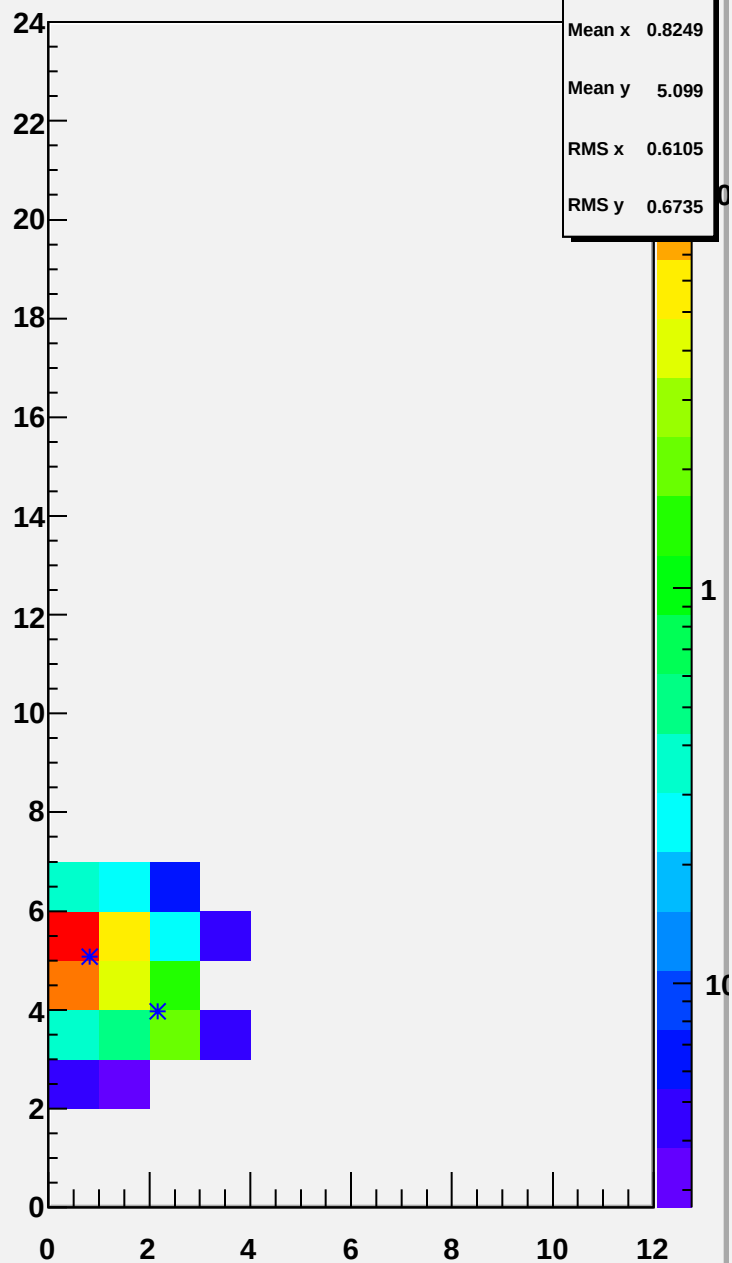
Efit

Entries	288
Mean x	1.579
Mean y	7.053
RMS x	0.6309
RMS y	4.948

NSTB3_r4_c3_En=51.0_m0=0.135 m1=0.135 index=1657



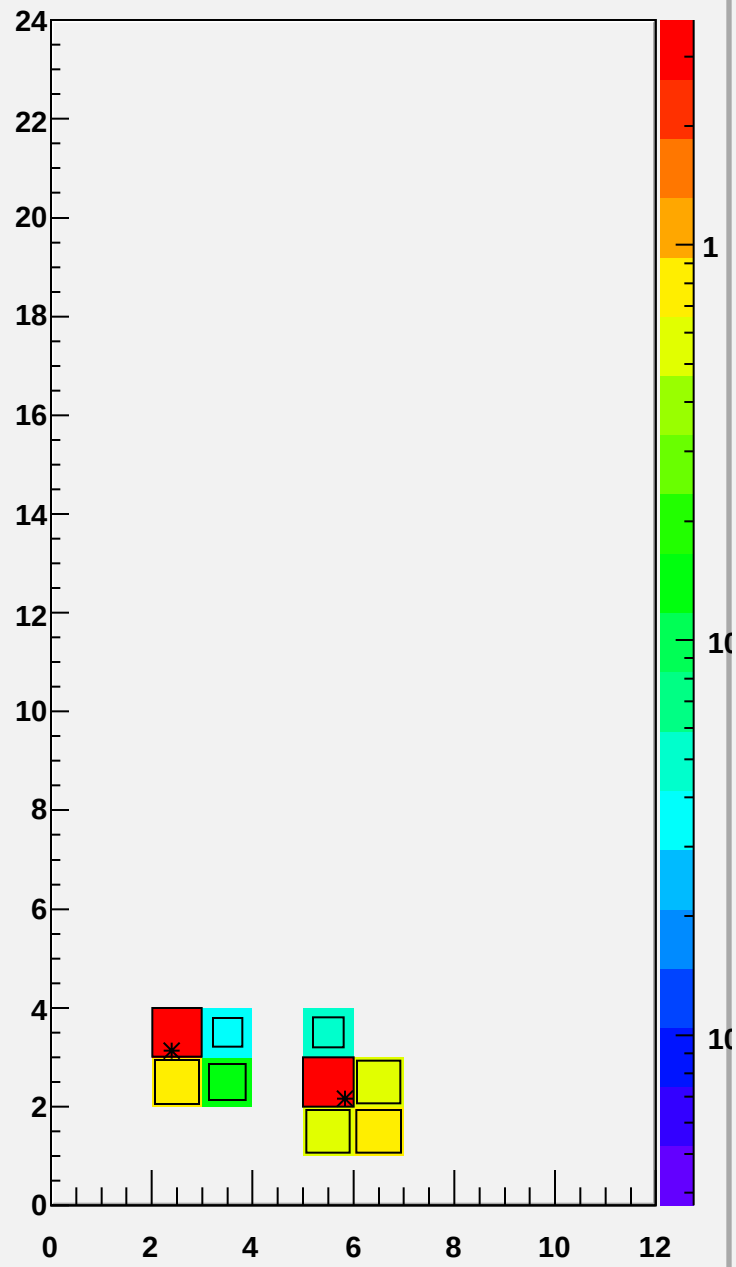
Fitted Energies



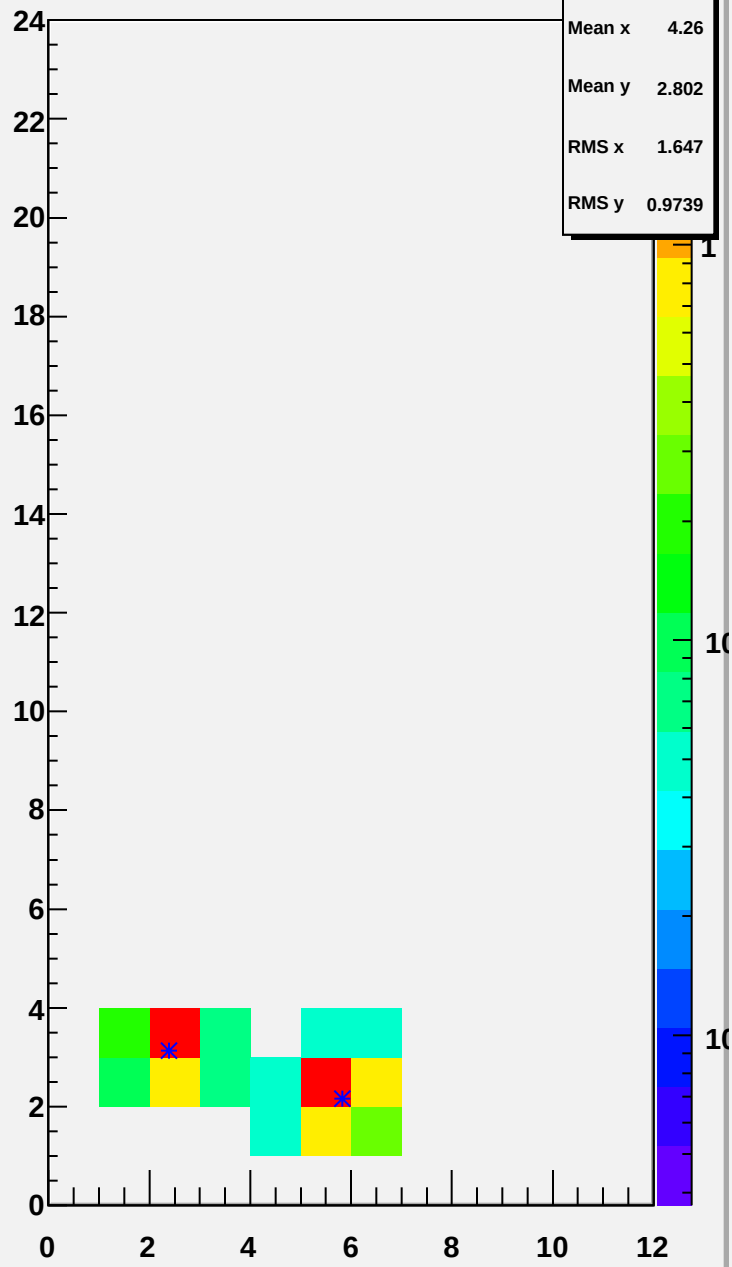
Efit

Entries	288
Mean x	0.8249
Mean y	5.099
RMS x	0.6105
RMS y	0.6735

NSTB3_r4_c3_En= 9.8_m0=0.100 m1=0.100 index=1659



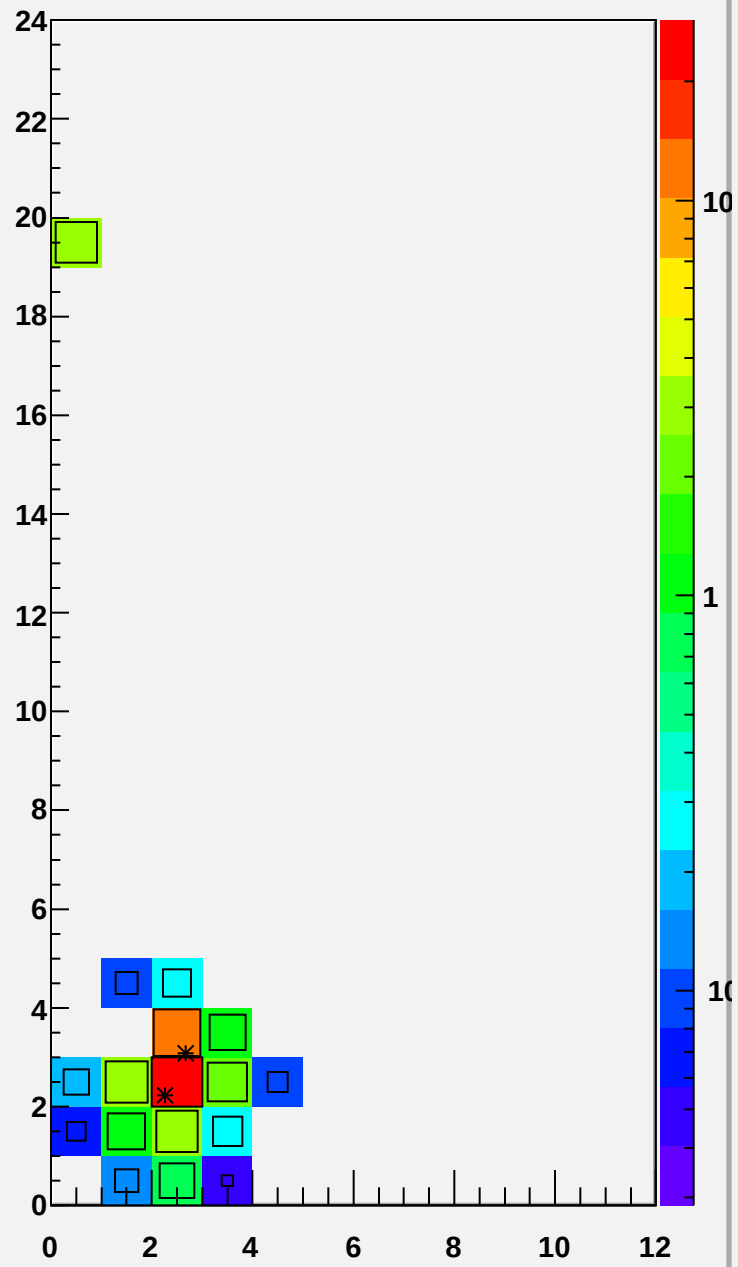
Fitted Energies



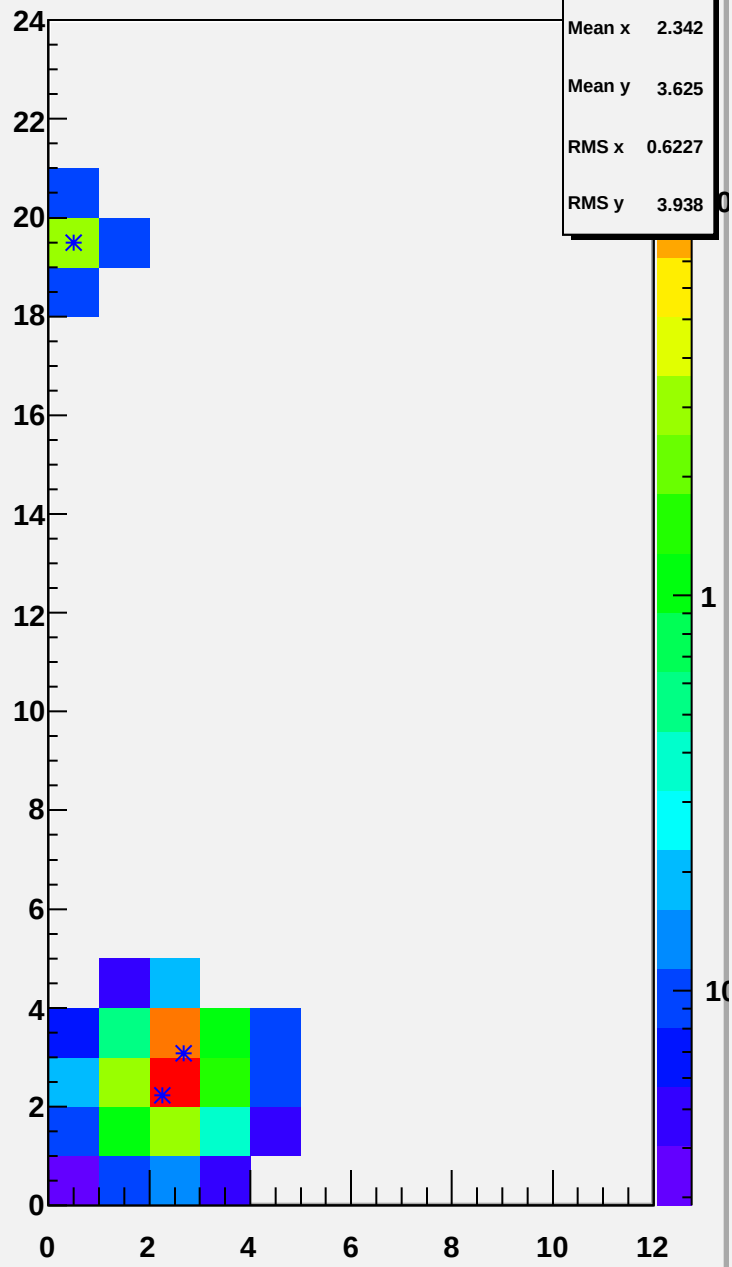
Efit

Entries	288
Mean x	4.26
Mean y	2.802
RMS x	1.647
RMS y	0.9739

NSTB3_r4_c3_En=57.0_m0=0.133 m1=0.133 index=1660



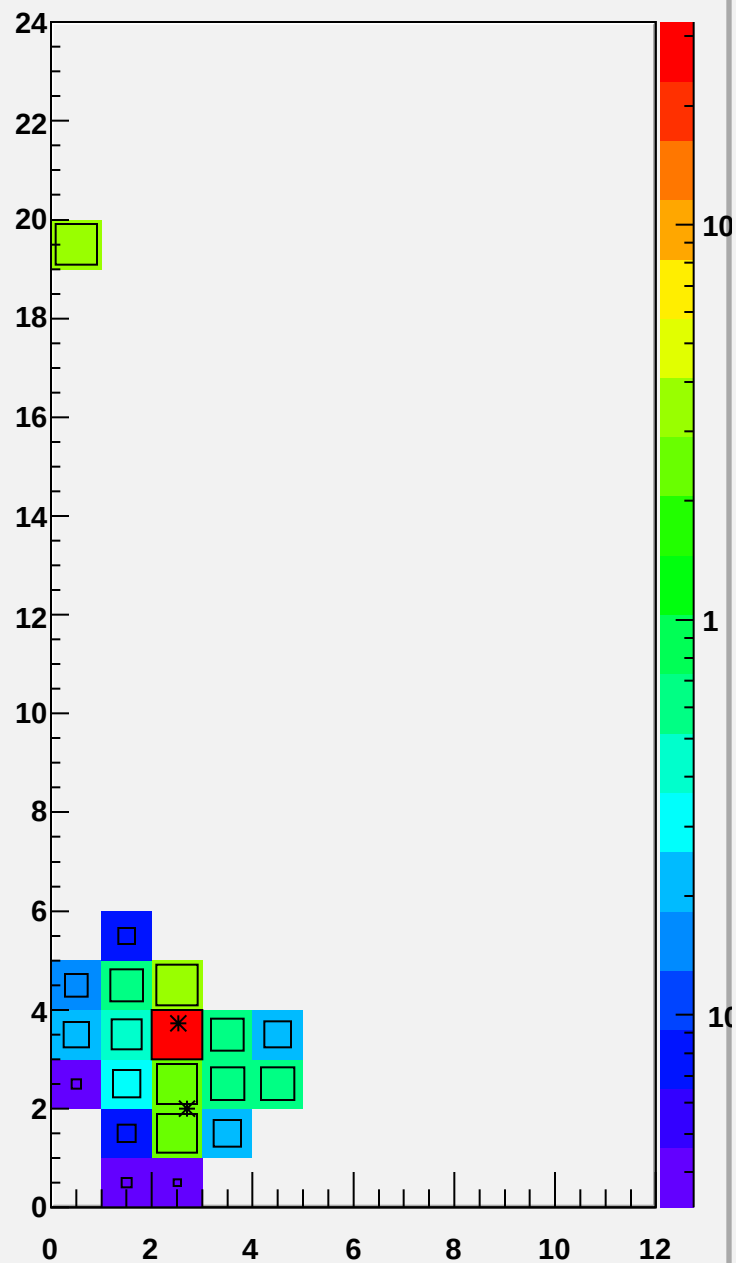
Fitted Energies



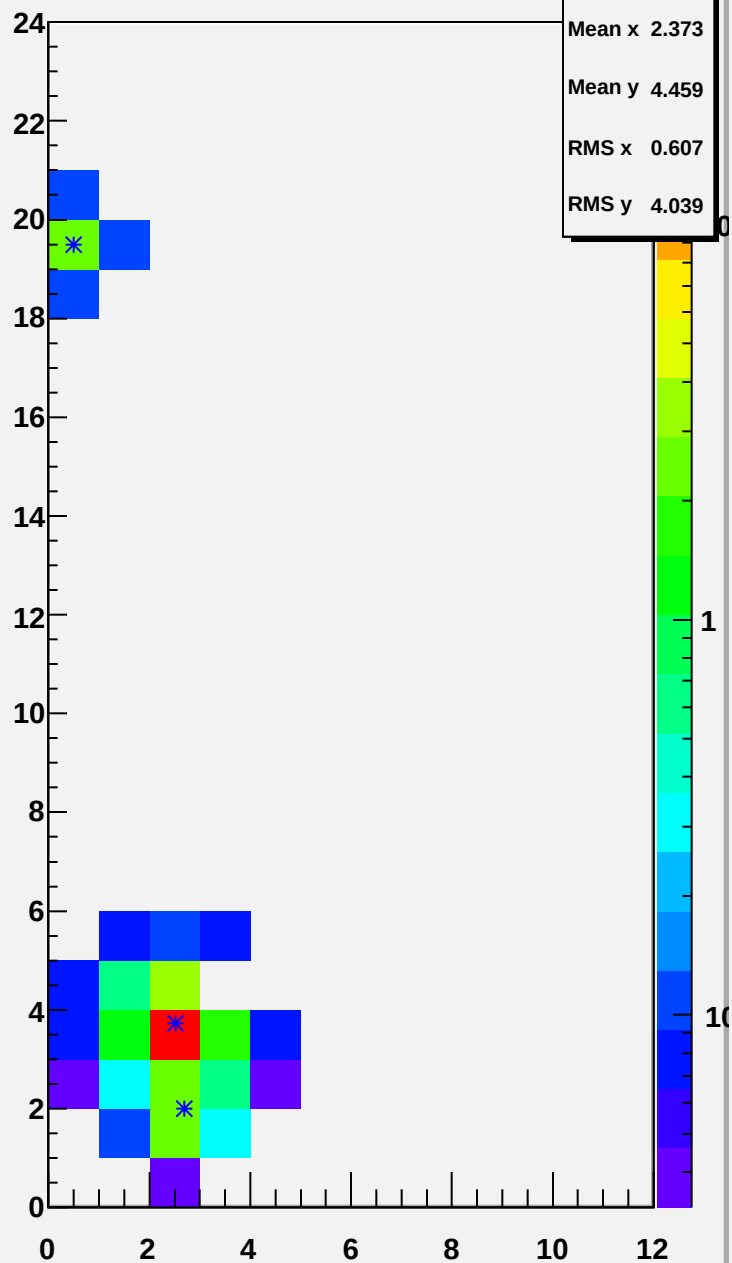
Efit

Entries	288
Mean x	2.342
Mean y	3.625
RMS x	0.6227
RMS y	3.938

NSTB3_r4_c3_En=48.9_m0=0.142 m1=0.143 index=1661



Fitted Energies



Efit

Entries 288

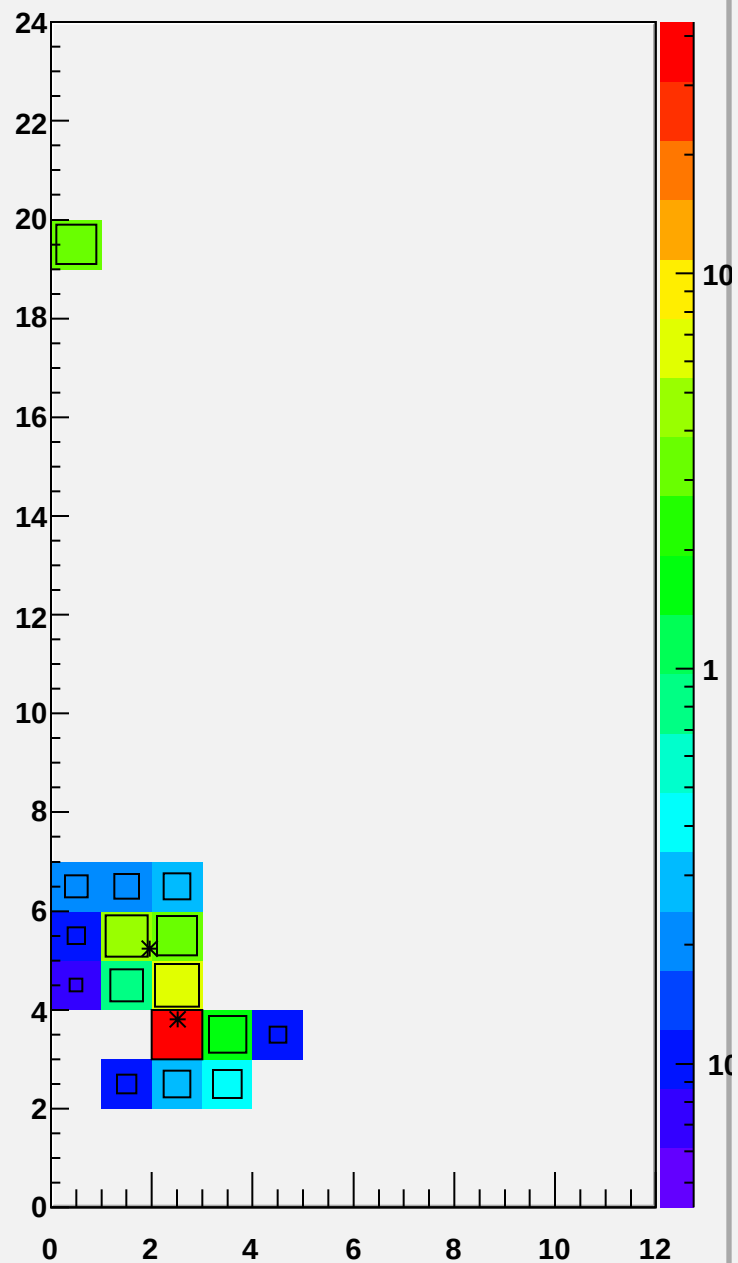
Mean x 2.373

Mean y 4.459

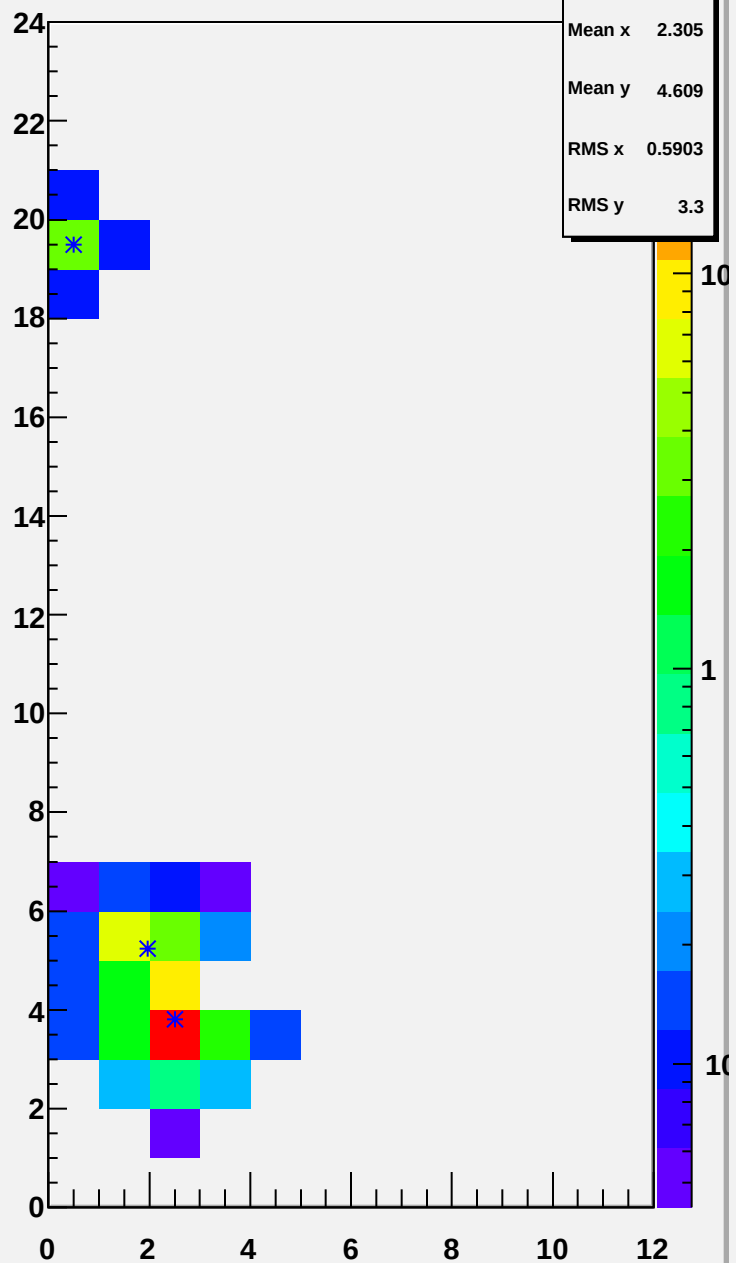
RMS x 0.607

RMS y 4.039

NSTB3_r4_c3_En=67.1_m0=0.209 m1=0.209 index=1662



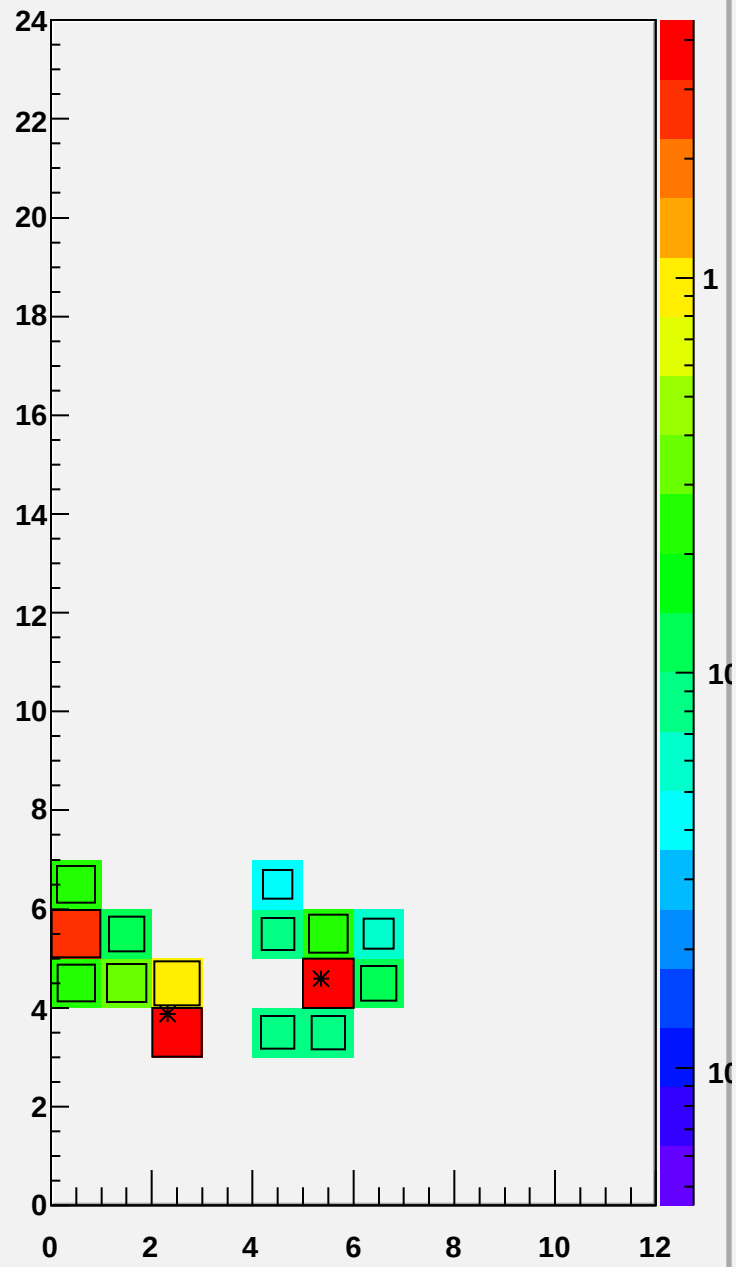
Fitted Energies



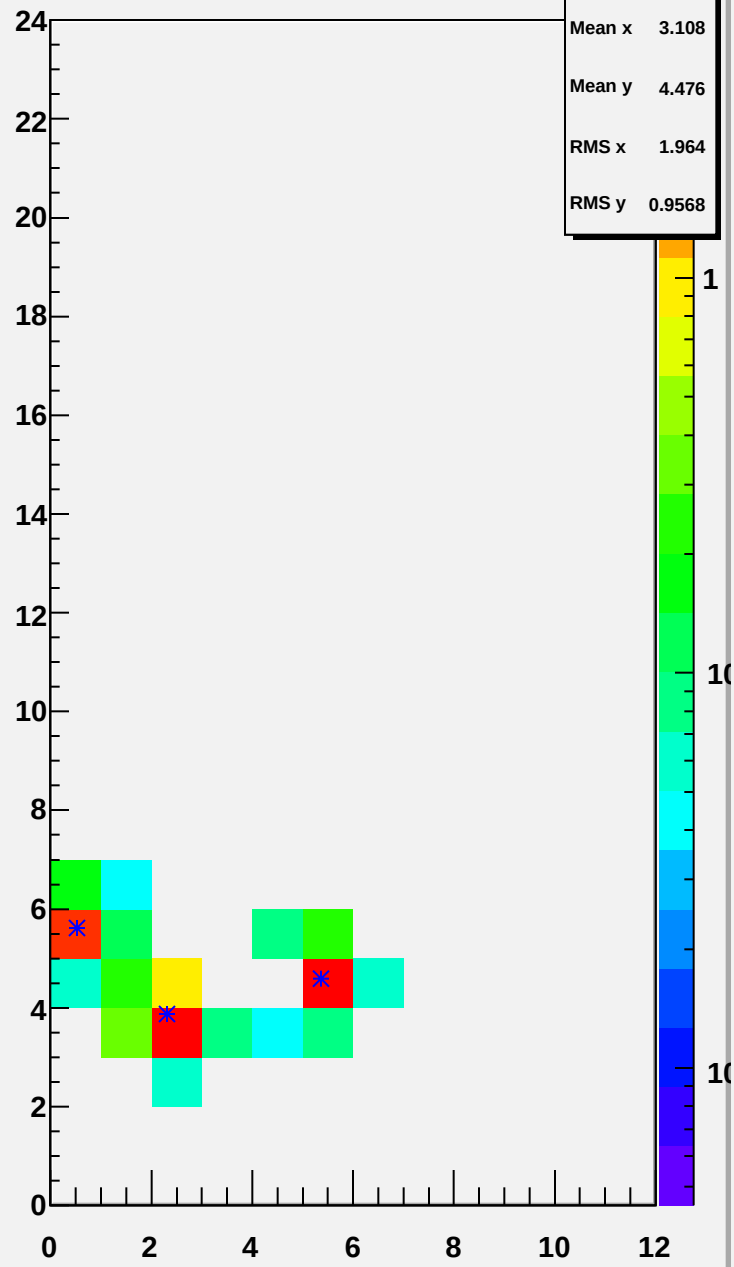
Efit

Entries	288
Mean x	2.305
Mean y	4.609
RMS x	0.5903
RMS y	3.3

NSTB3_r4_c3_En=13.8_m0=0.097 m1=0.097 index=1663



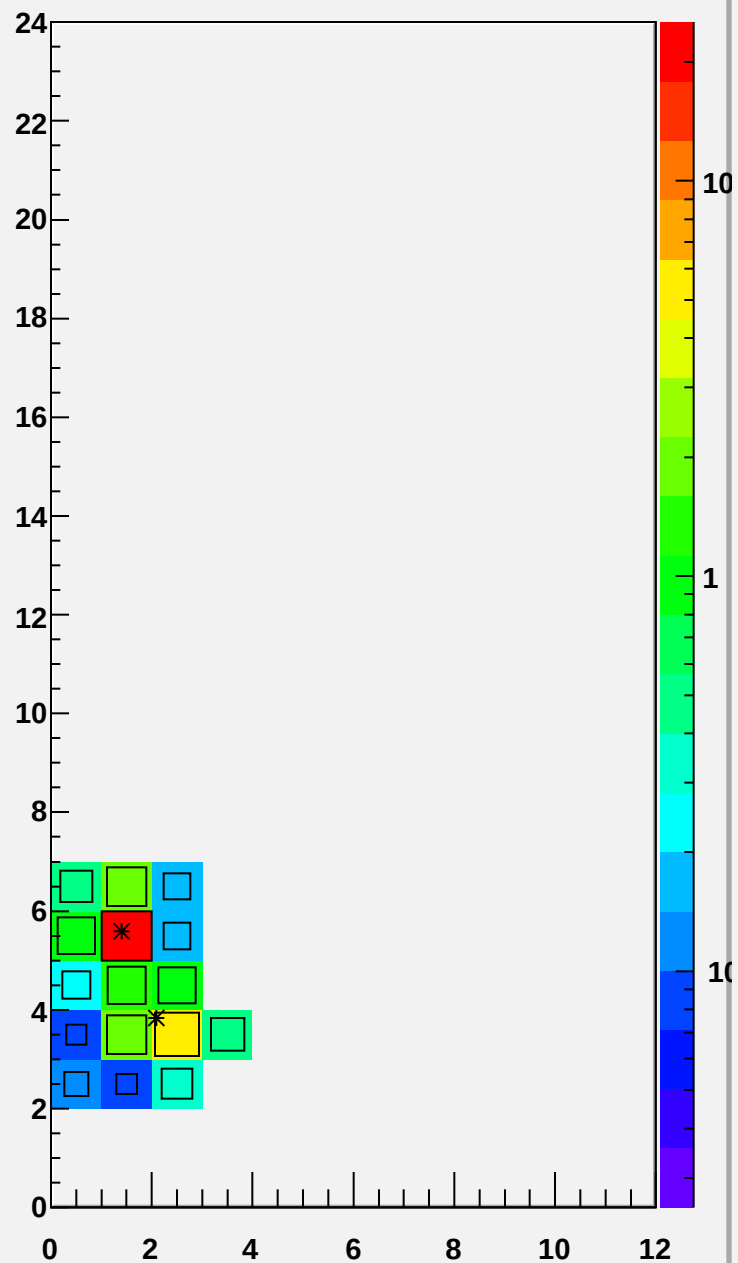
Fitted Energies



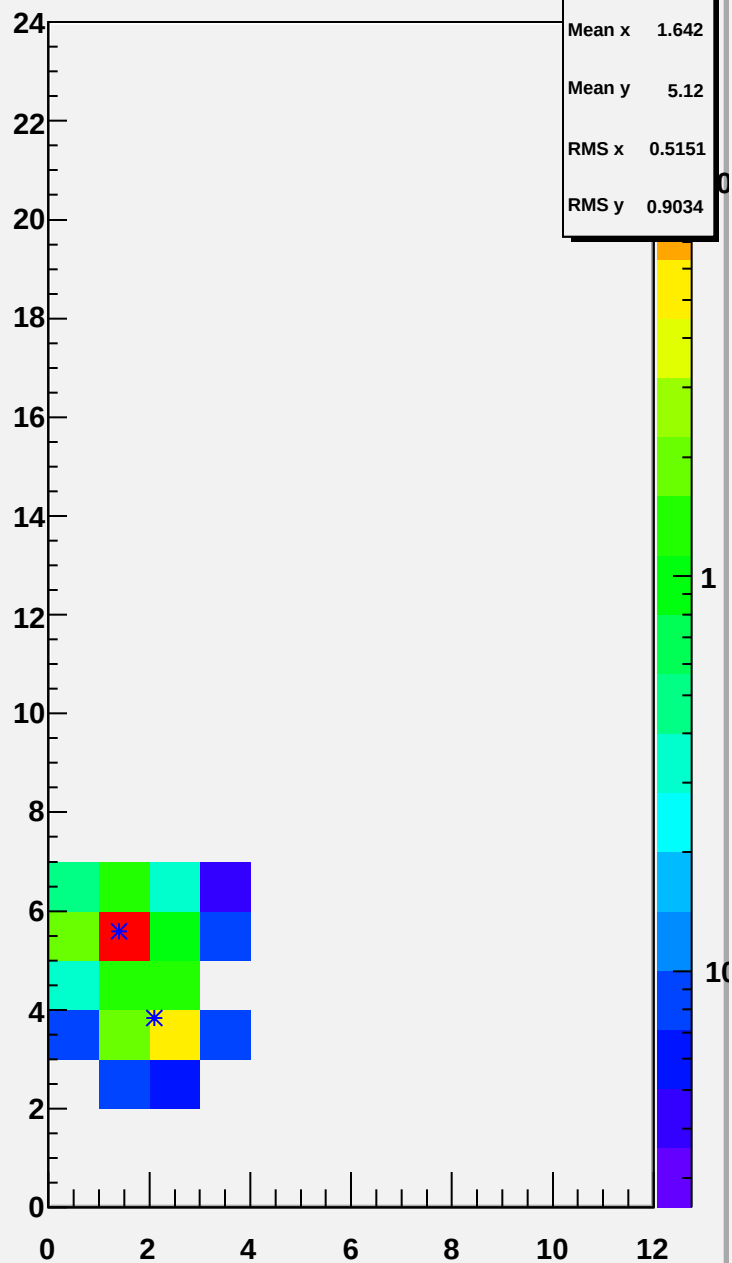
Efit

Entries	288
Mean x	3.108
Mean y	4.476
RMS x	1.964
RMS y	0.9568

NSTB3_r4_c3_En=39.7_m0=0.176 m1=0.177 index=1664



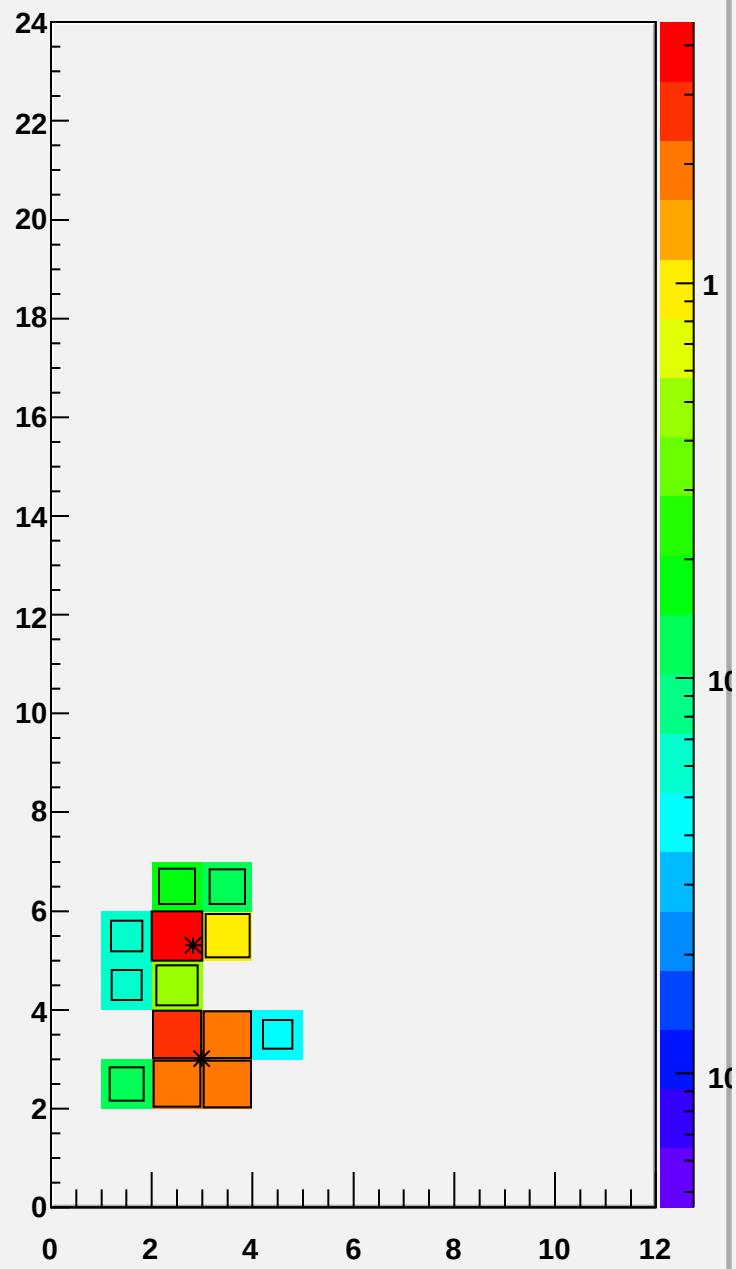
Fitted Energies



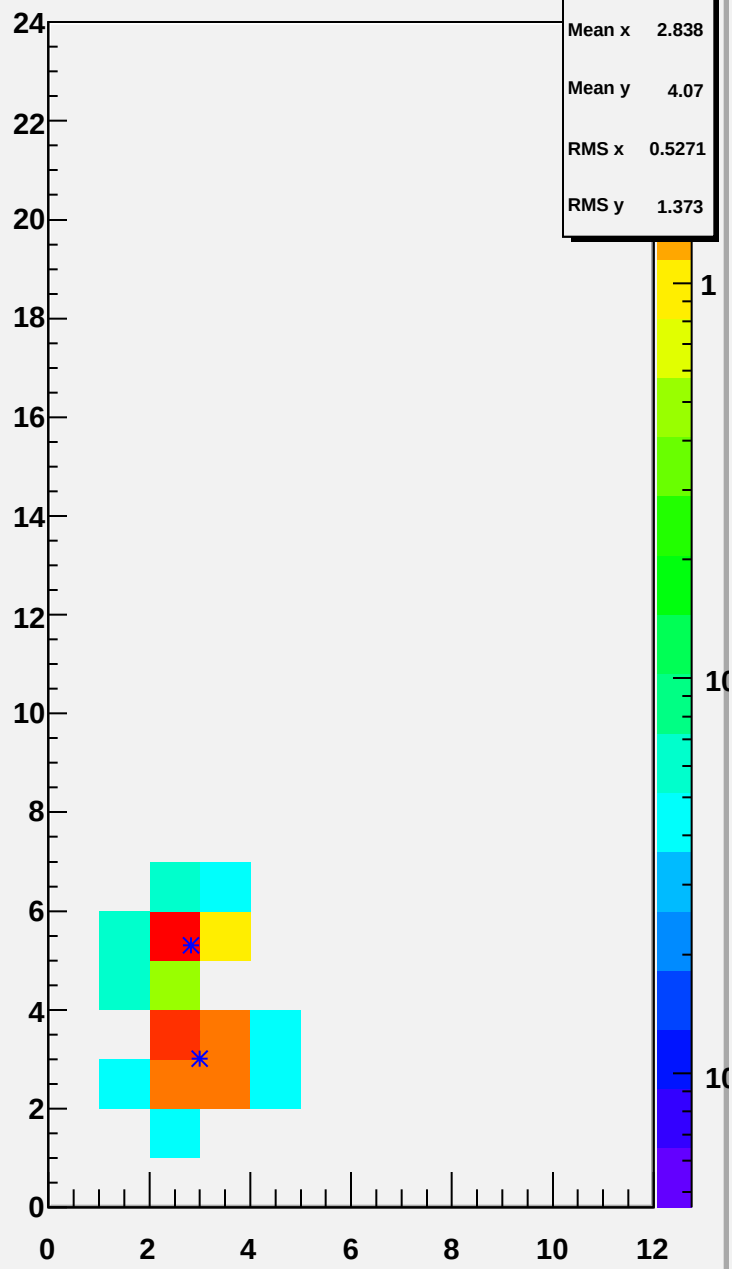
Efit

Entries	288
Mean x	1.642
Mean y	5.12
RMS x	0.5151
RMS y	0.9034

NSTB3_r4_c3_En=14.9_m0=0.098 m1=0.098 index=1665



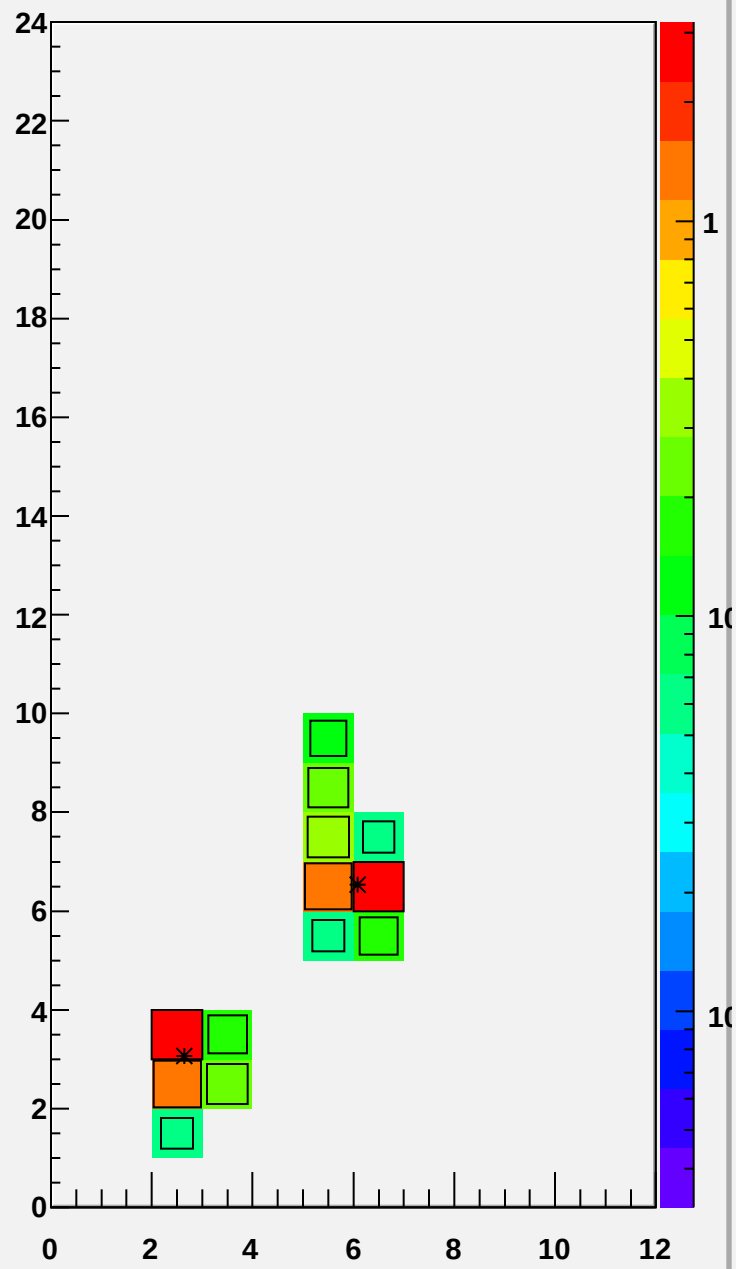
Fitted Energies



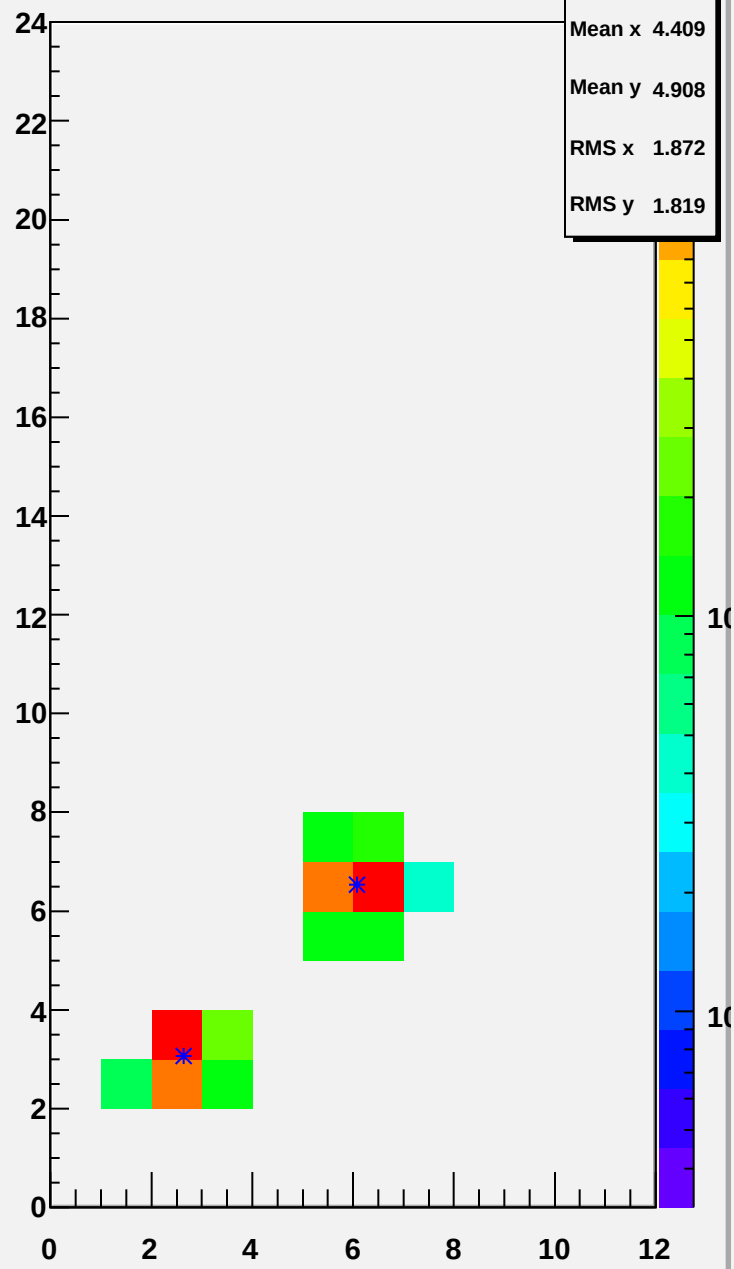
Efit

Entries	288
Mean x	2.838
Mean y	4.07
RMS x	0.5271
RMS y	1.373

NSTB3_r4_c3_En=10.3_m0=0.137 m1=0.137 index=1666



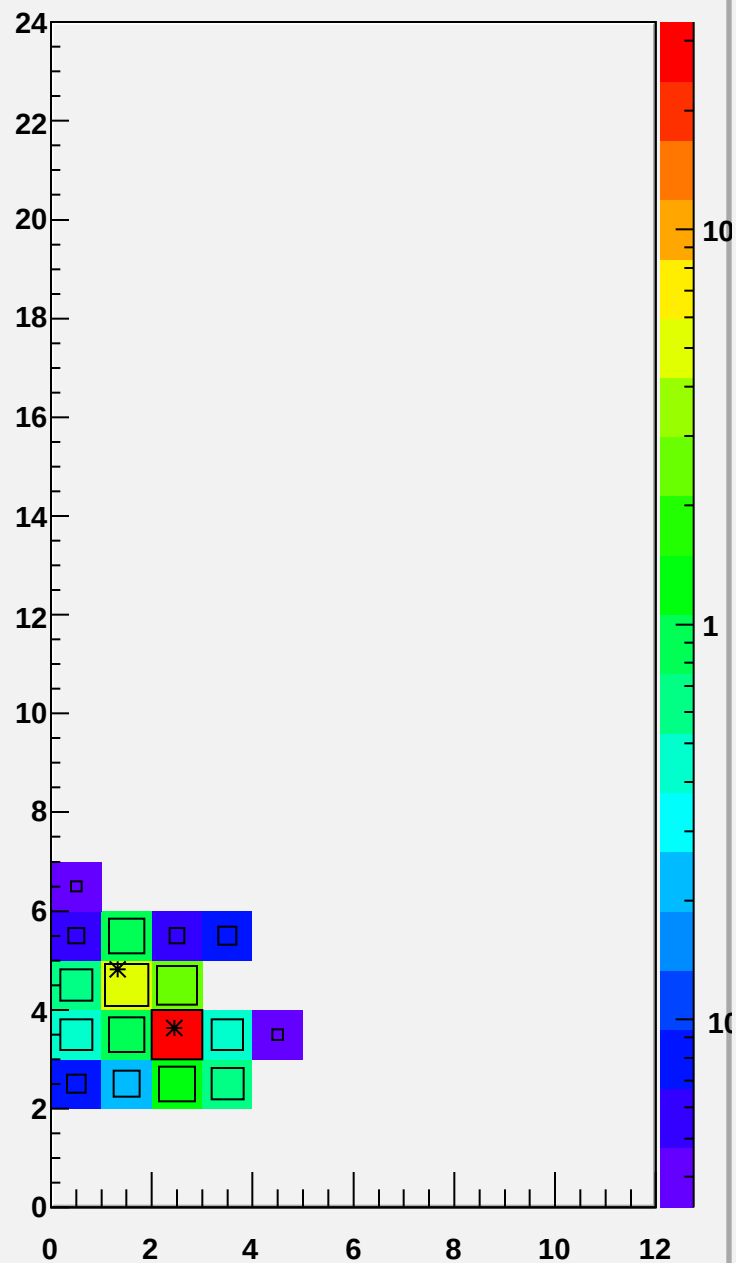
Fitted Energies



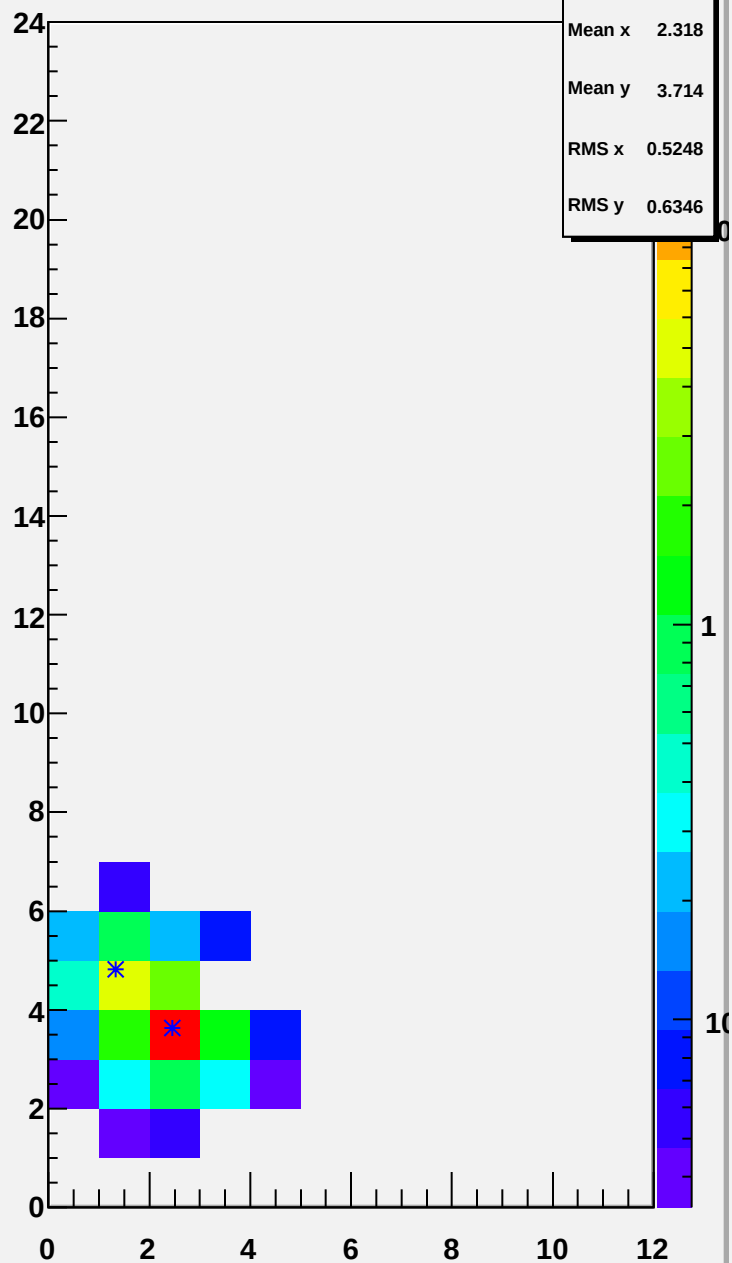
Efit

Entries 288
Mean x 4.409
Mean y 4.908
RMS x 1.872
RMS y 1.819

NSTB3_r4_c3_En=46.5_m0=0.152 m1=0.153 index=1667



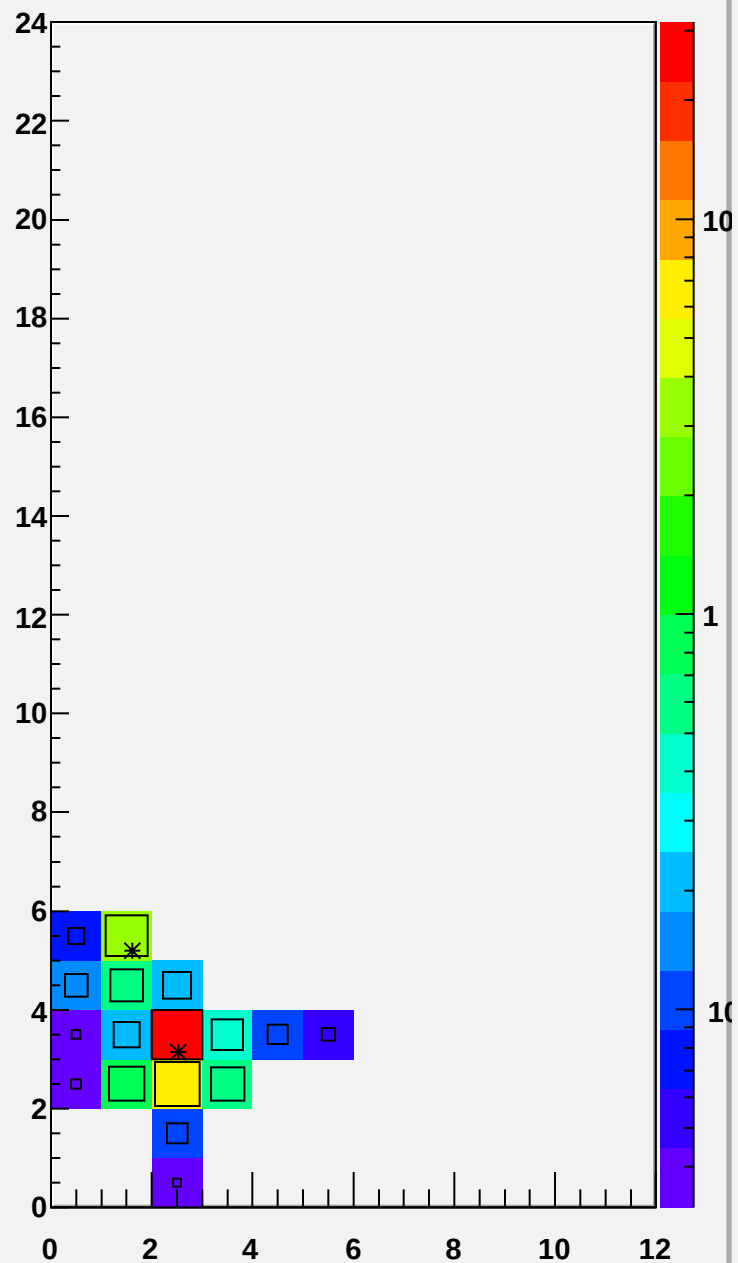
Fitted Energies



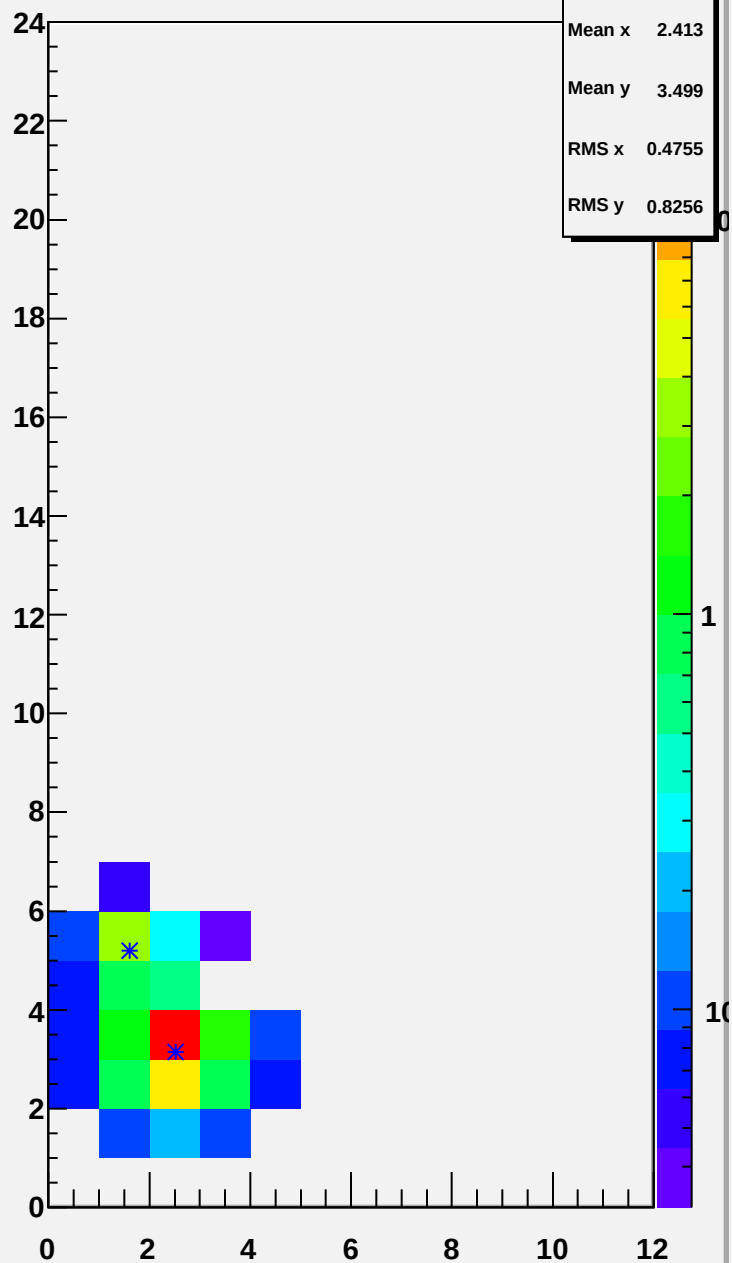
Efit

Entries	288
Mean x	2.318
Mean y	3.714
RMS x	0.5248
RMS y	0.6346

NSTB3_r4_c3_En=45.8_m0=0.176 m1=0.176 index=1668



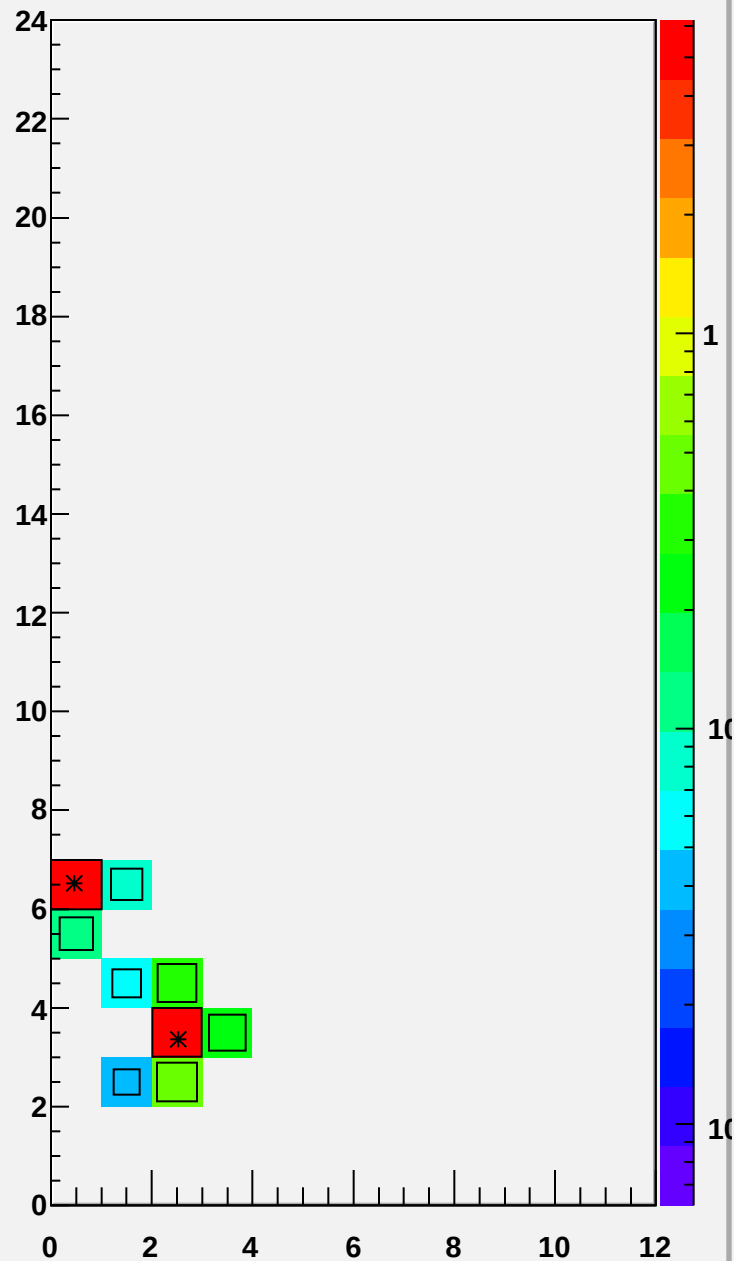
Fitted Energies



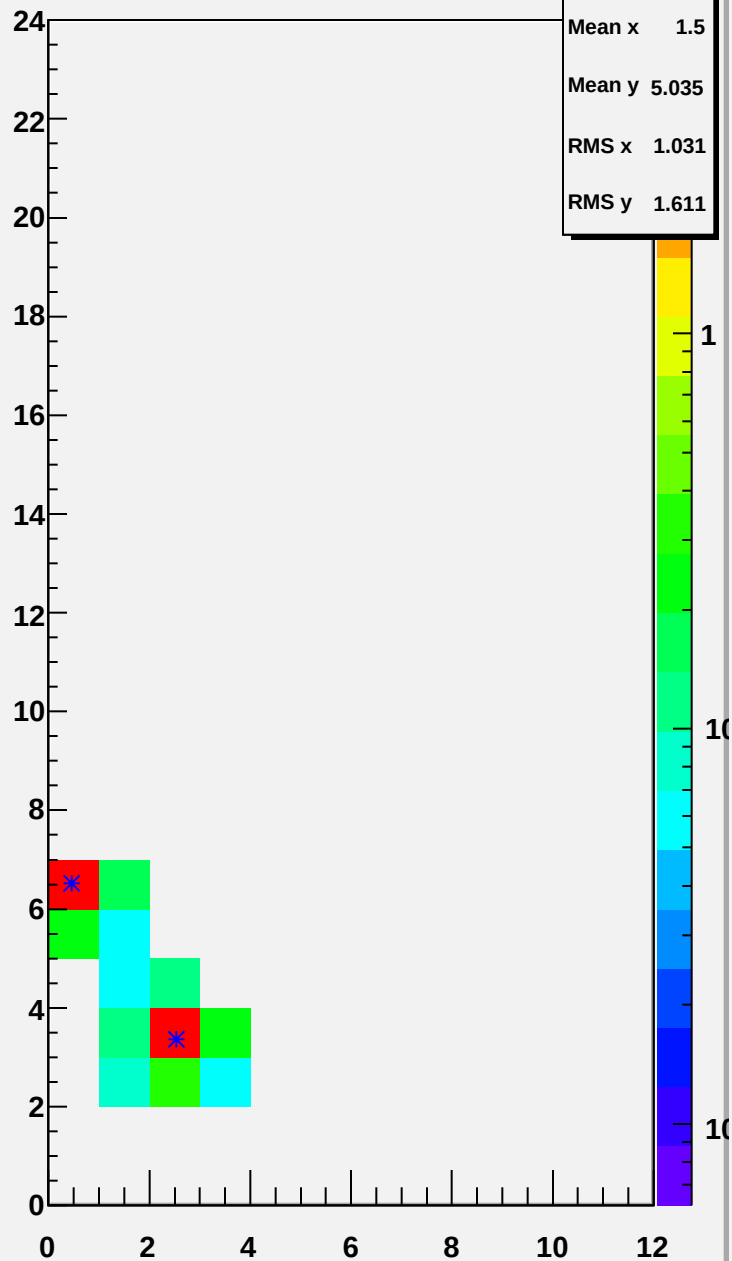
Efit

Entries	288
Mean x	2.413
Mean y	3.499
RMS x	0.4755
RMS y	0.8256

NSTB3_r4_c3_En=12.5_m0=0.137 m1=0.137 index=1669



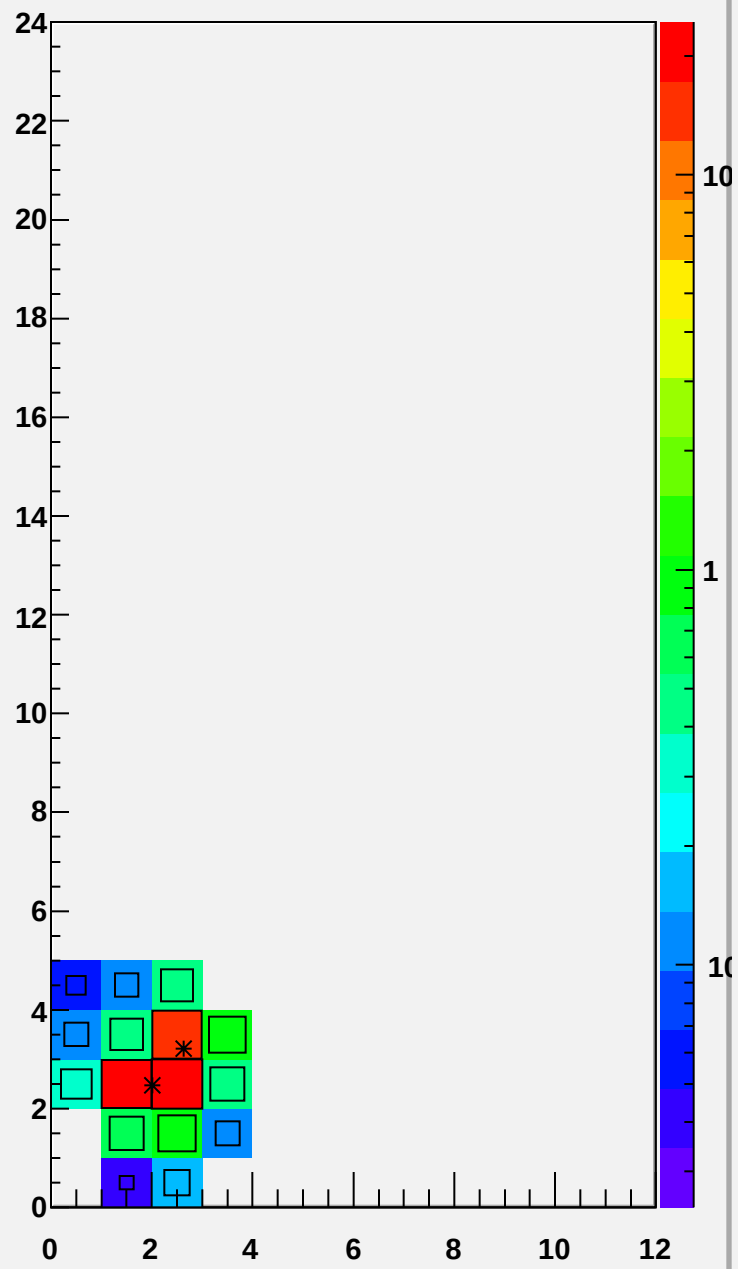
Fitted Energies



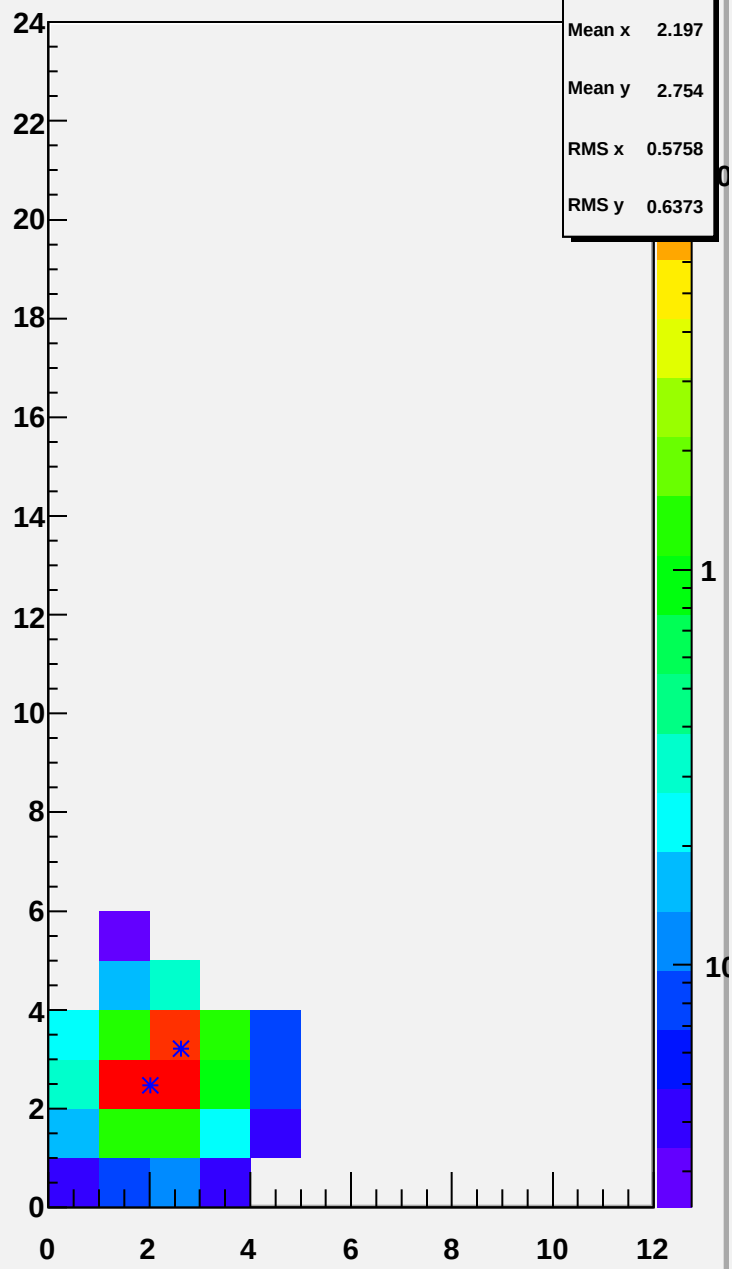
Efit

Entries	288
Mean x	1.5
Mean y	5.035
RMS x	1.031
RMS y	1.611

NSTB3_r4_c3_En=64.8_m0=0.158 m1=0.158 index=1671



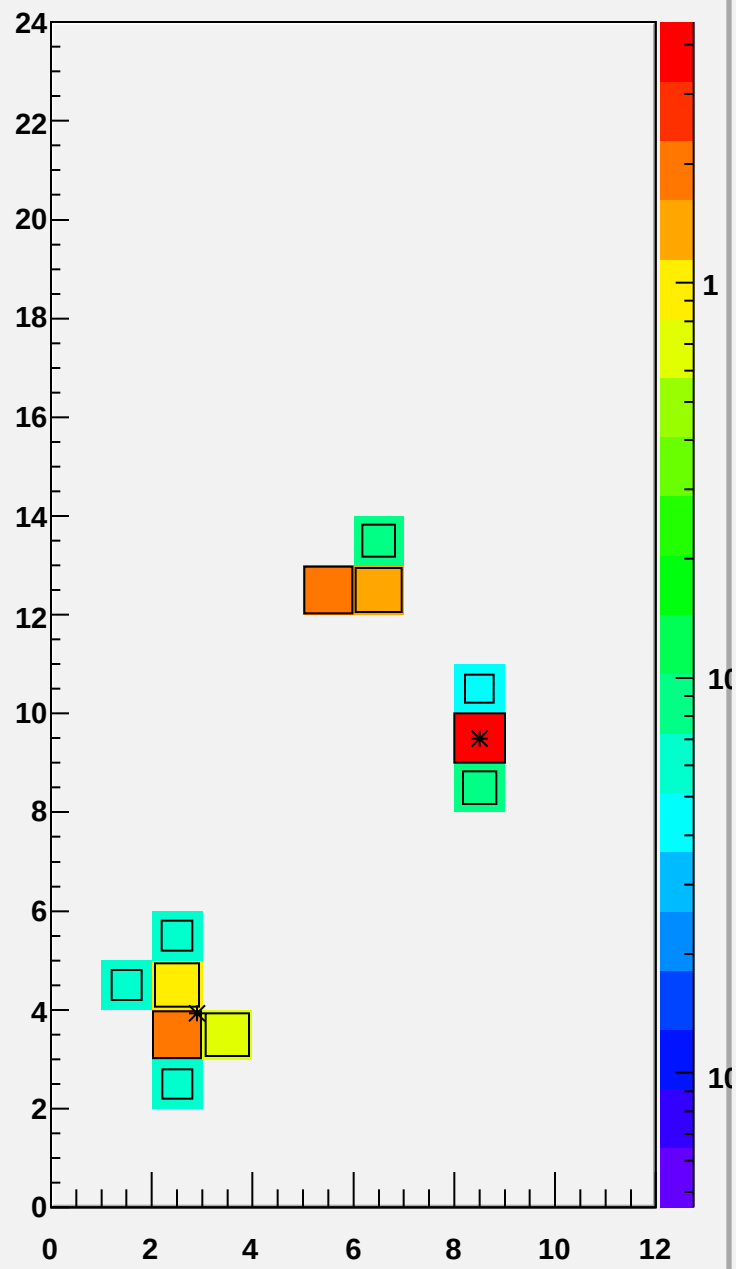
Fitted Energies



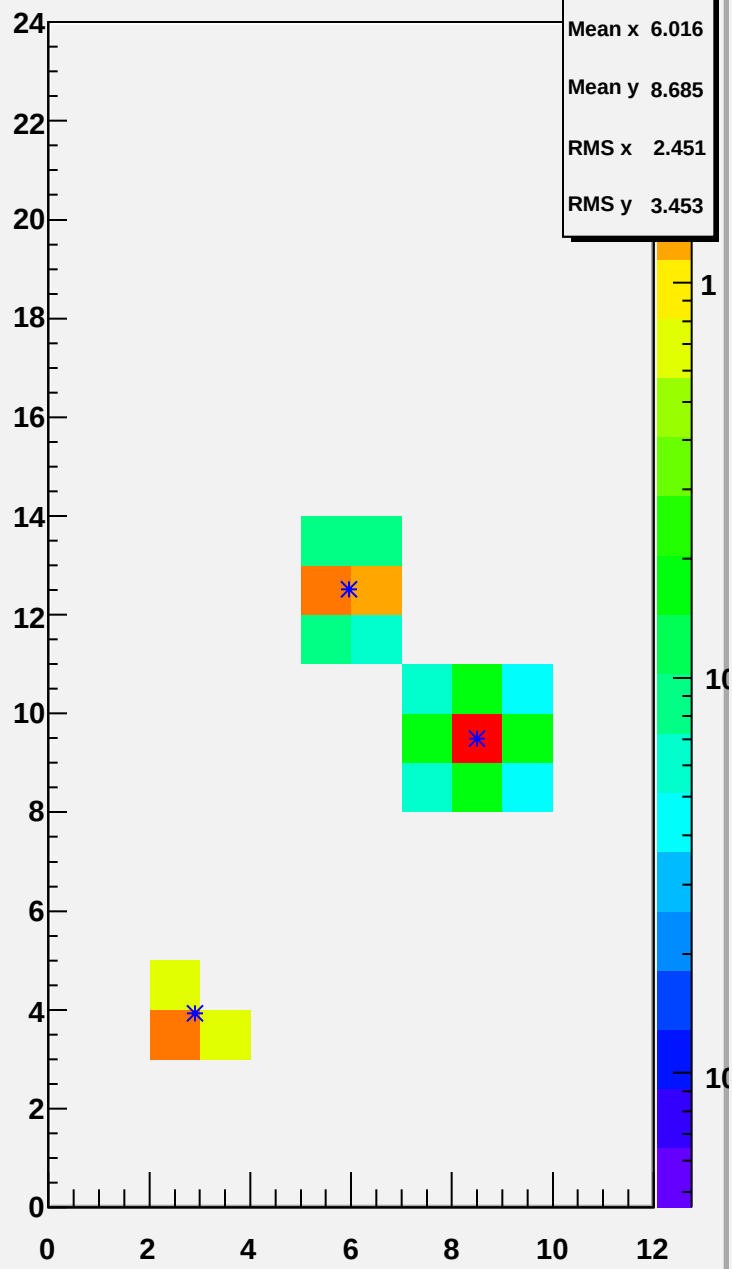
Efit

Entries	288
Mean x	2.197
Mean y	2.754
RMS x	0.5758
RMS y	0.6373

NSTB3_r4_c3_En=12.1_m0=0.205 m1=0.205 index=1674



Fitted Energies



Efit

Entries 288

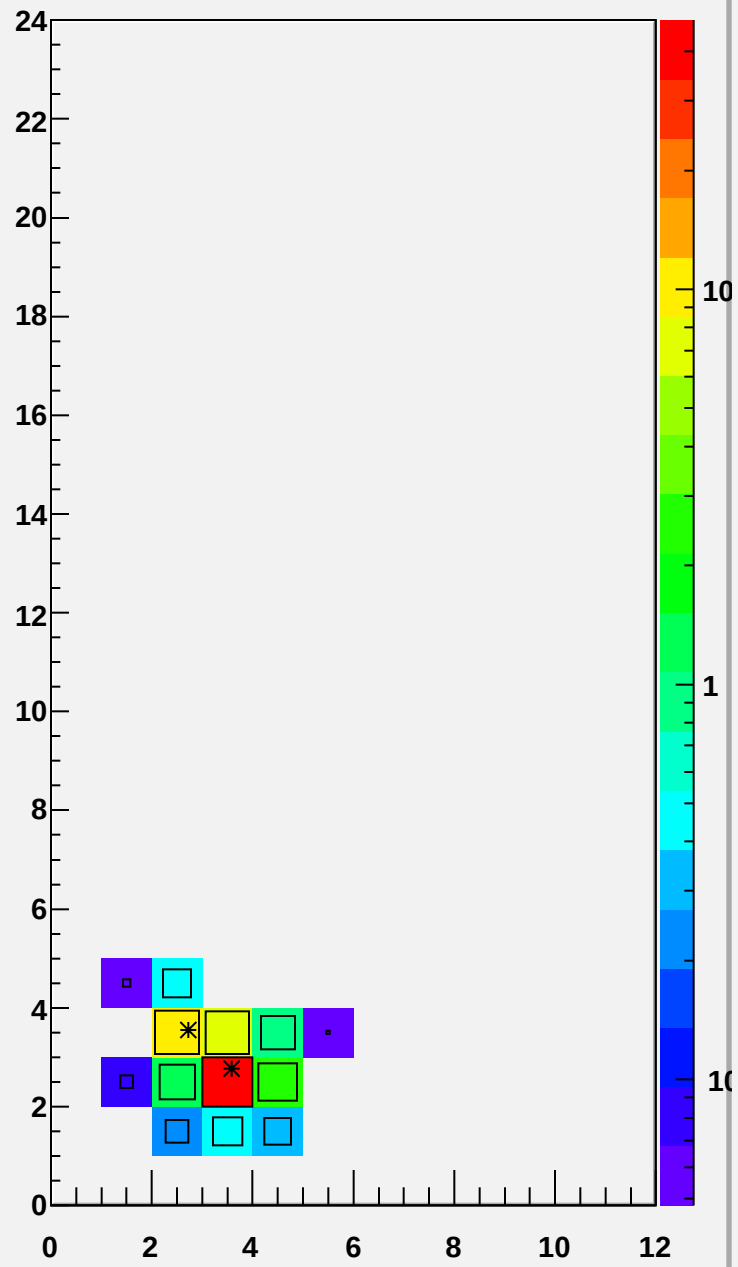
Mean x 6.016

Mean y 8.685

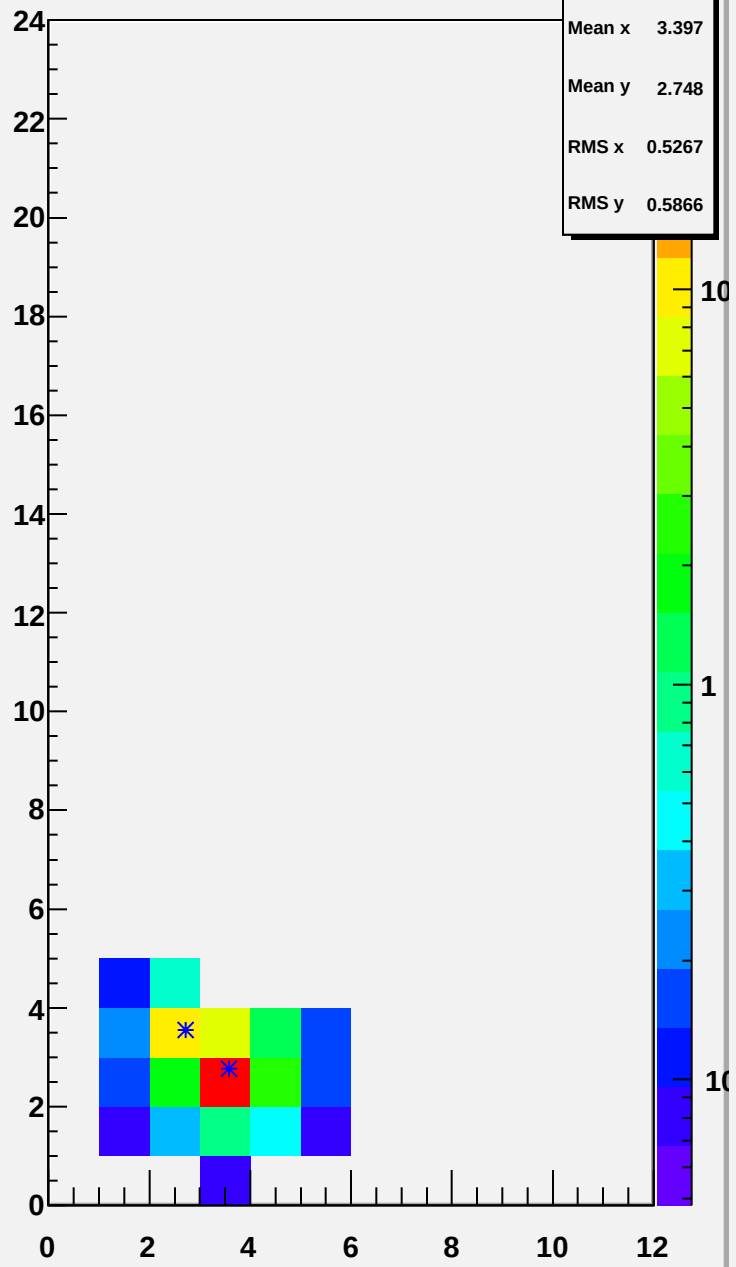
RMS x 2.451

RMS y 3.453

NSTB3_r4_c3_En=71.7_m0=0.162 m1=0.163 index=1675



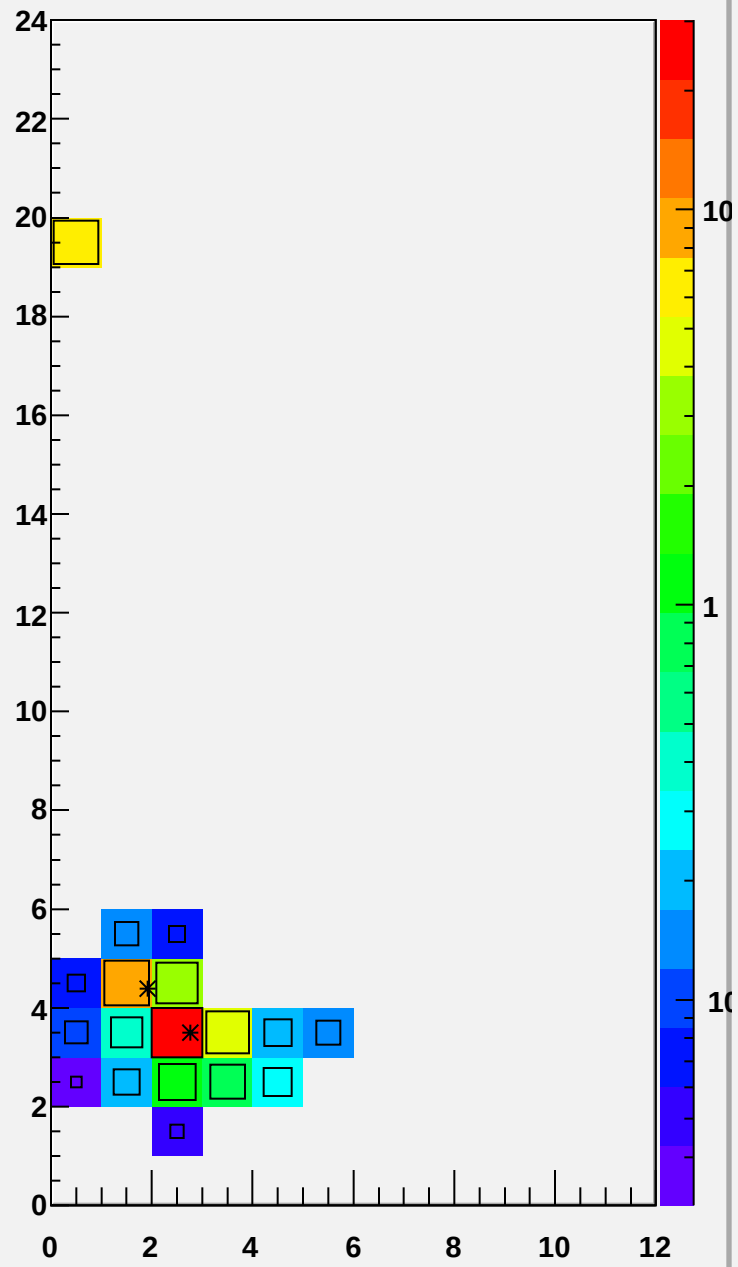
Fitted Energies



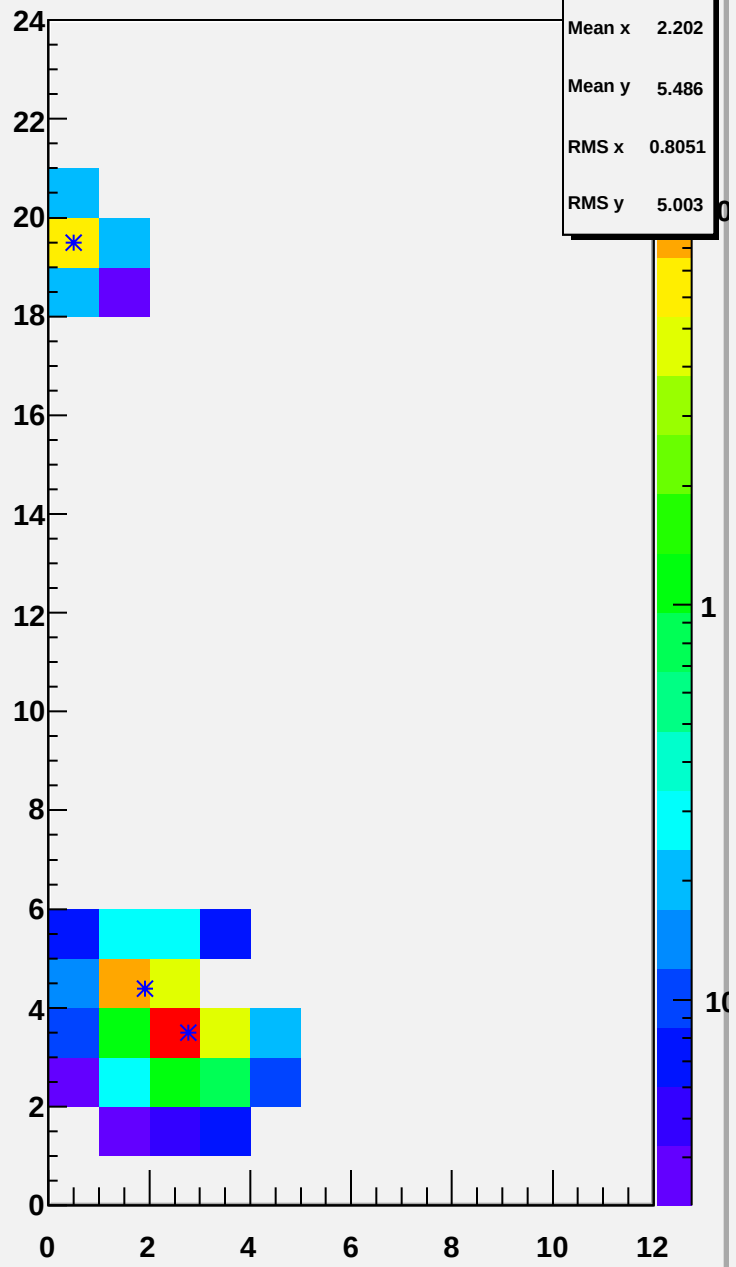
Efit

Entries	288
Mean x	3.397
Mean y	2.748
RMS x	0.5267
RMS y	0.5866

NSTB3_r4_c3_En=55.7_m0=0.149 m1=0.150 index=1676



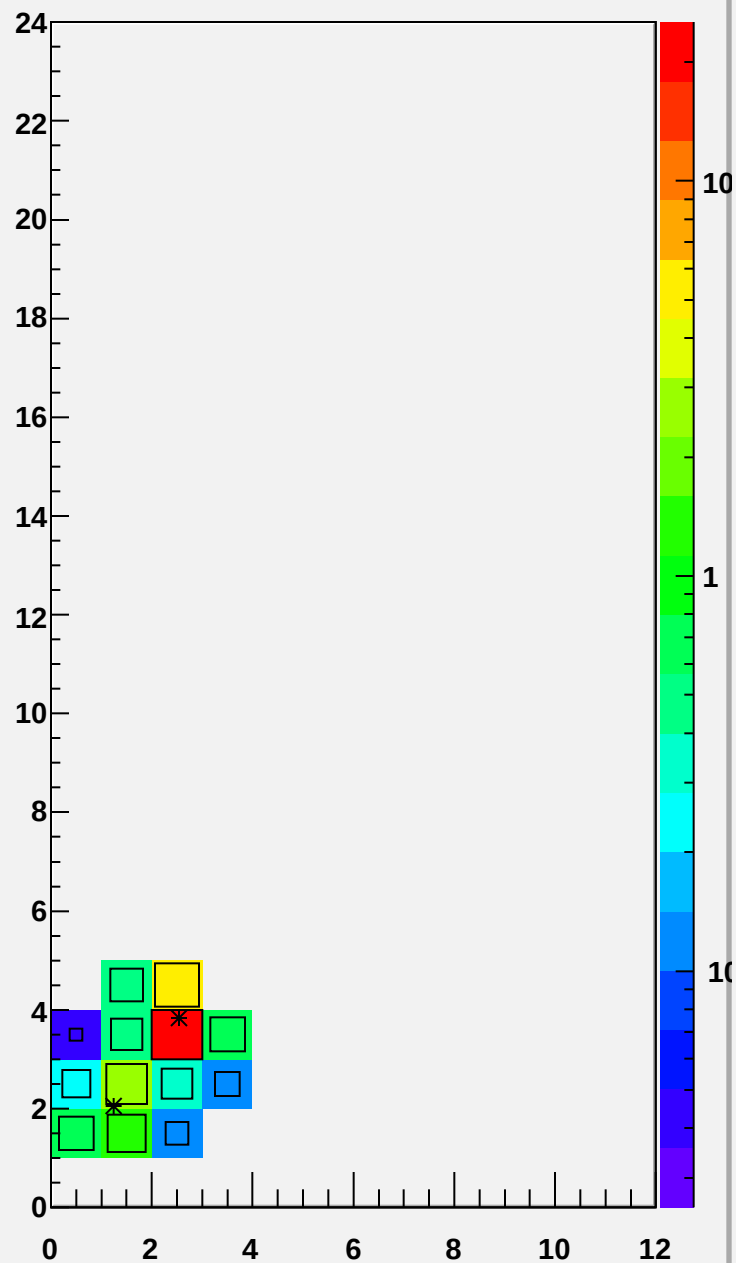
Fitted Energies



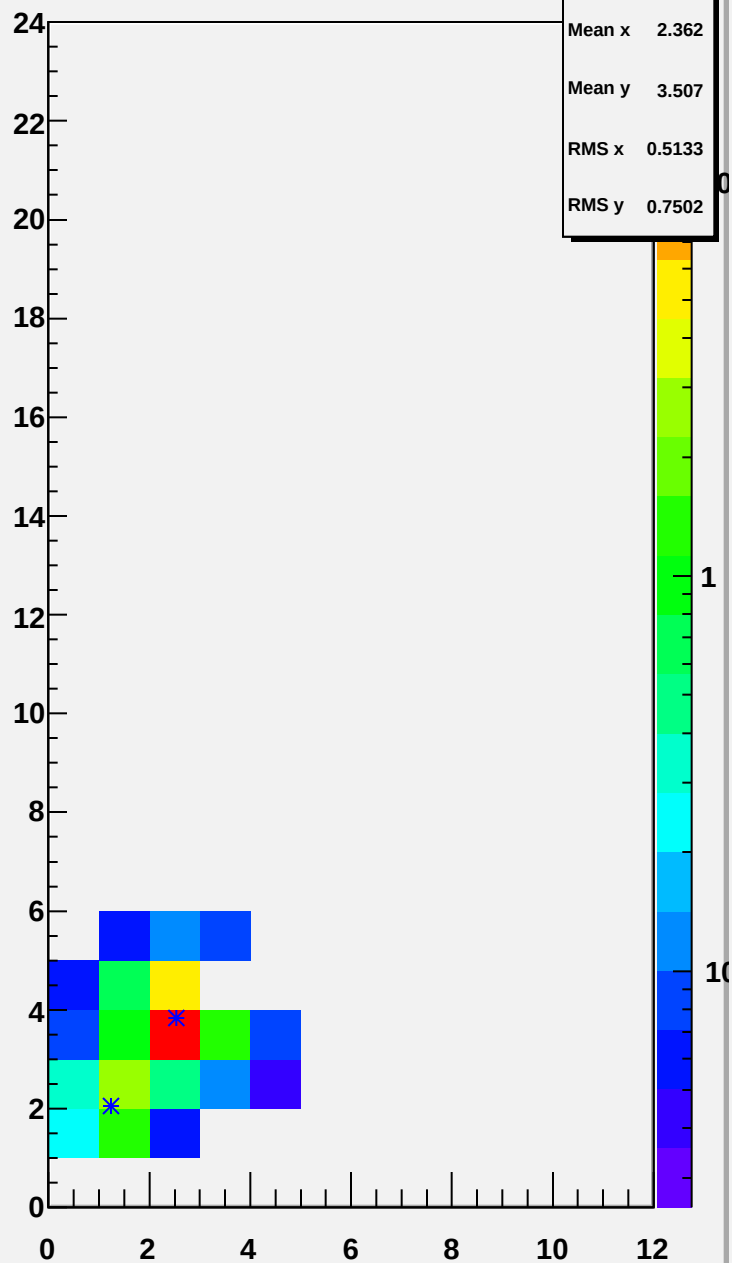
Efit

Entries	288
Mean x	2.202
Mean y	5.486
RMS x	0.8051
RMS y	5.003

NSTB3_r4_c3_En=37.4_m0=0.155 m1=0.156 index=1677



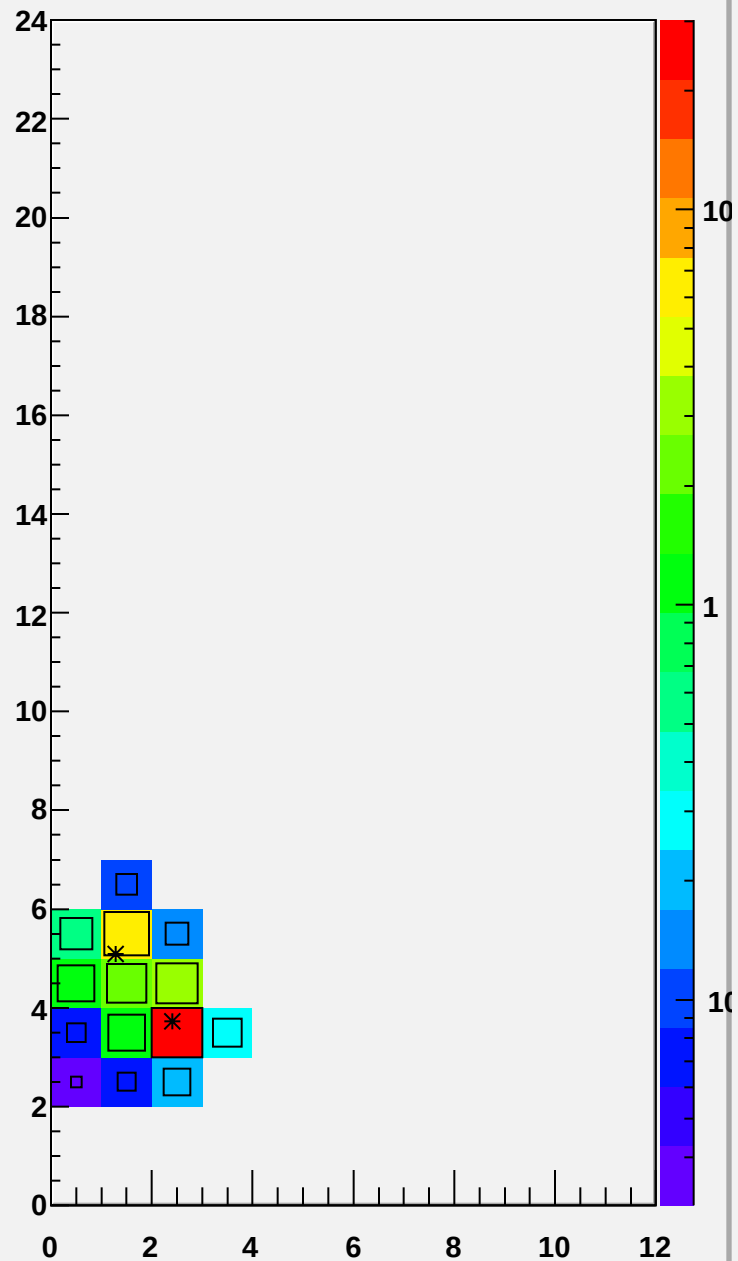
Fitted Energies



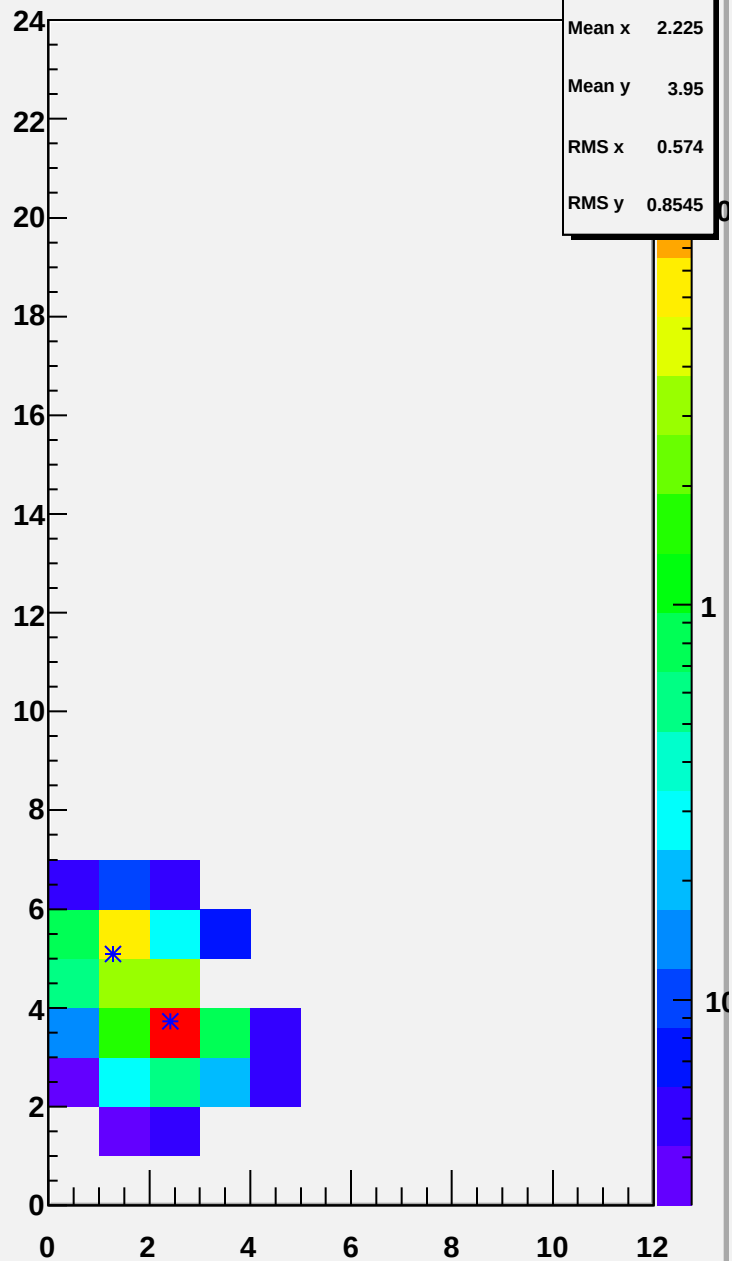
Efit

Entries	288
Mean x	2.362
Mean y	3.507
RMS x	0.5133
RMS y	0.7502

NSTB3_r4_c3_En=45.5_m0=0.196 m1=0.197 index=1679



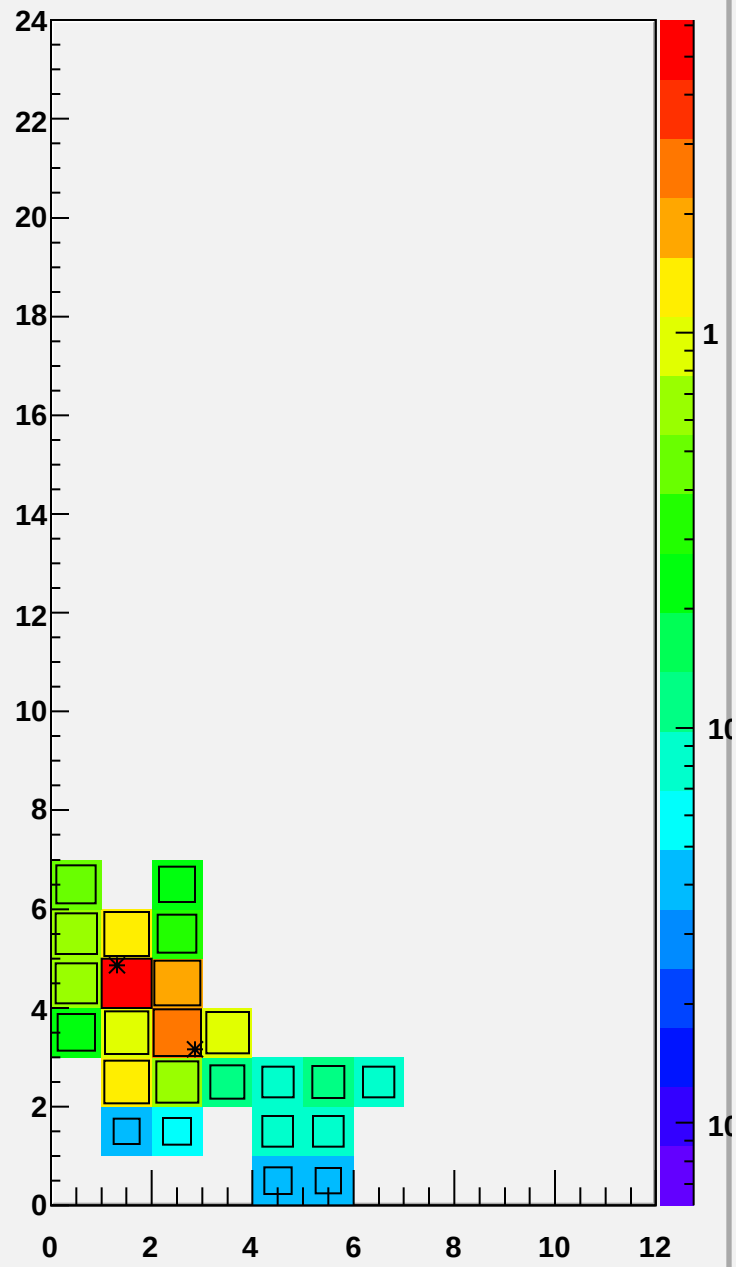
Fitted Energies



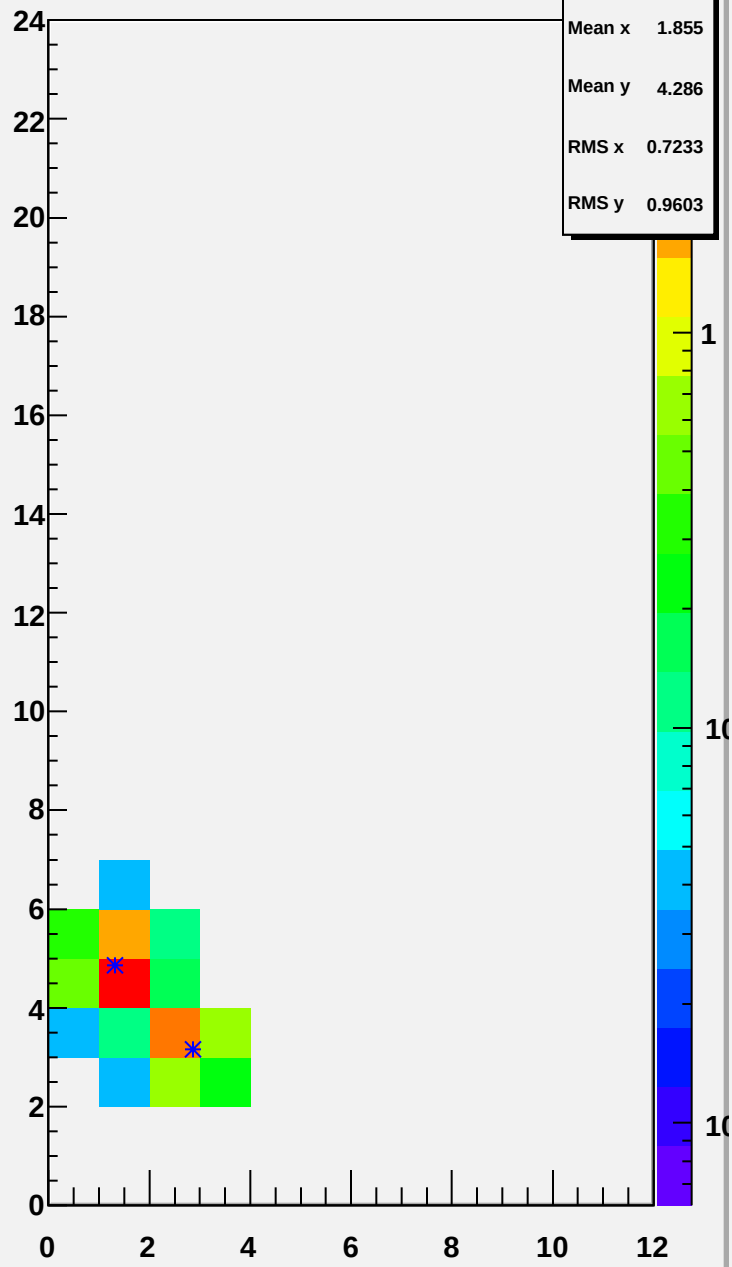
Efit

Entries	288
Mean x	2.225
Mean y	3.95
RMS x	0.574
RMS y	0.8545

NSTB3_r4_c3_En=19.5_m0=0.086 m1=0.086 index=1680



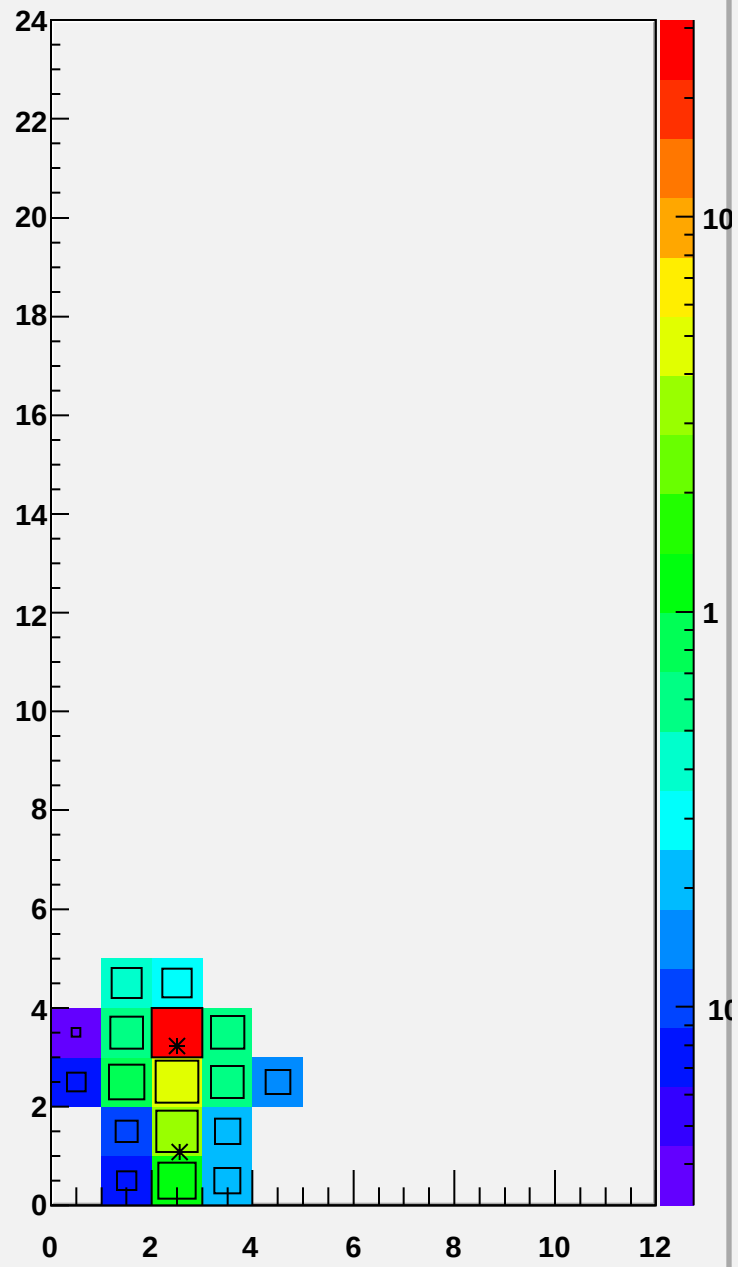
Fitted Energies



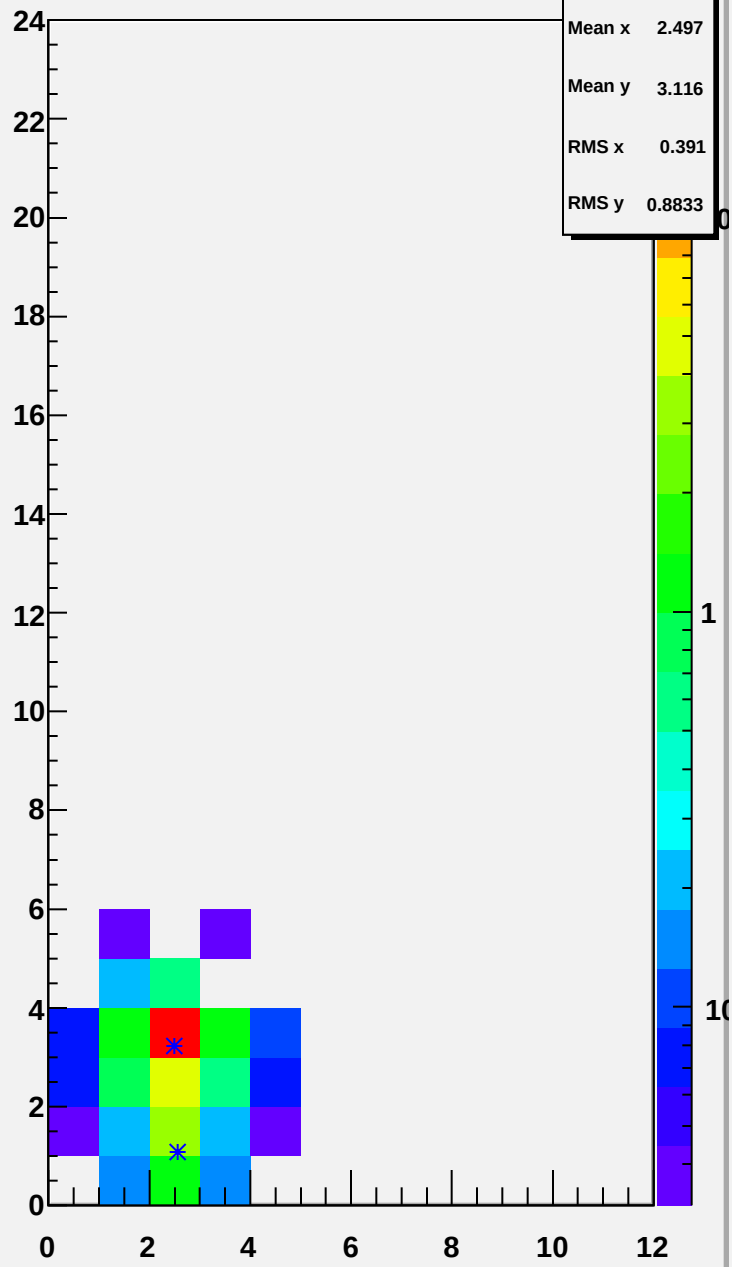
Efit

Entries	288
Mean x	1.855
Mean y	4.286
RMS x	0.7233
RMS y	0.9603

NSTB3_r4_c3_En=45.5_m0=0.176 m1=0.177 index=1682



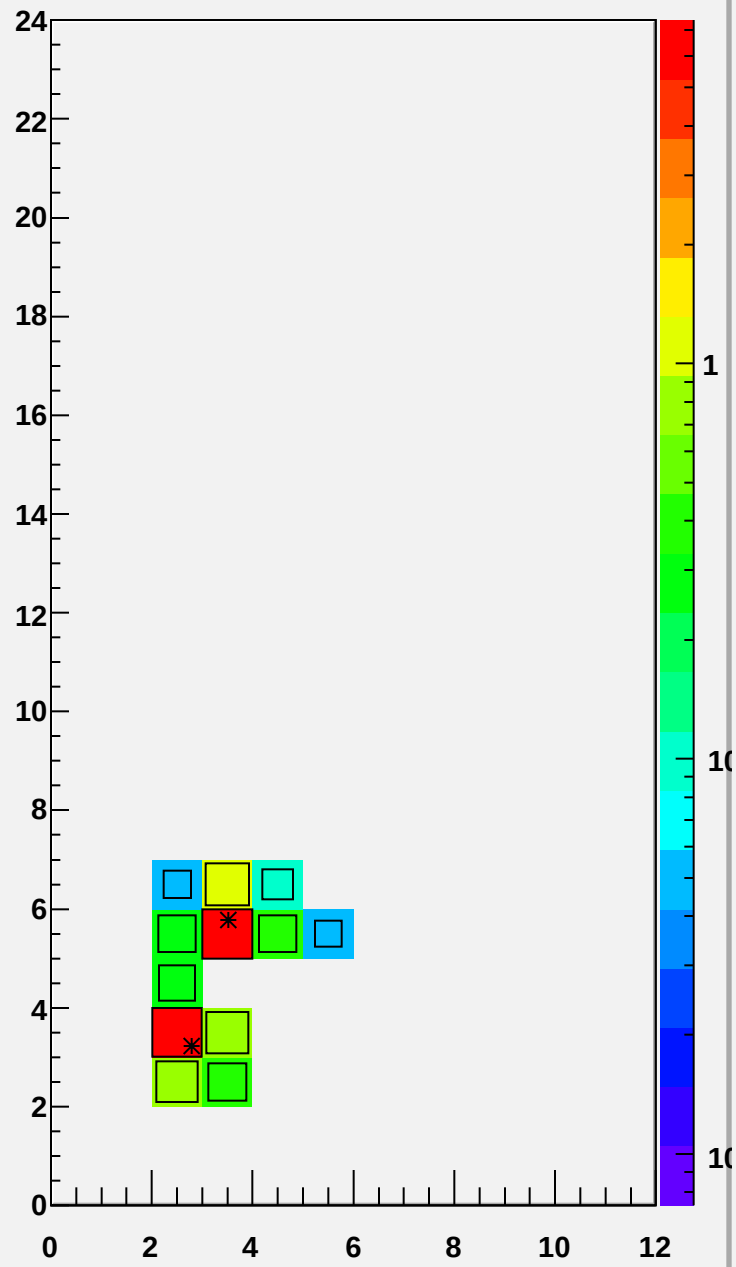
Fitted Energies



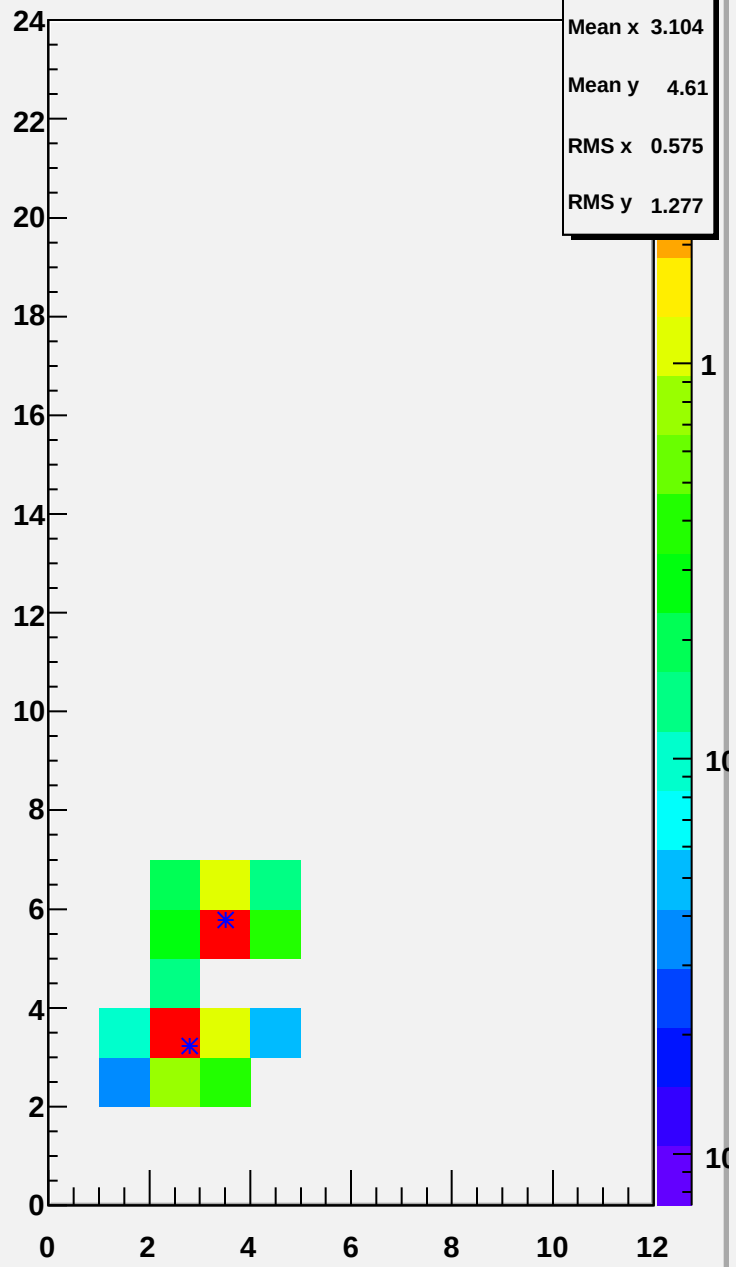
Efit

Entries	288
Mean x	2.497
Mean y	3.116
RMS x	0.391
RMS y	0.8833

NSTB3_r4_c3_En=17.6_m0=0.133 m1=0.133 index=1684



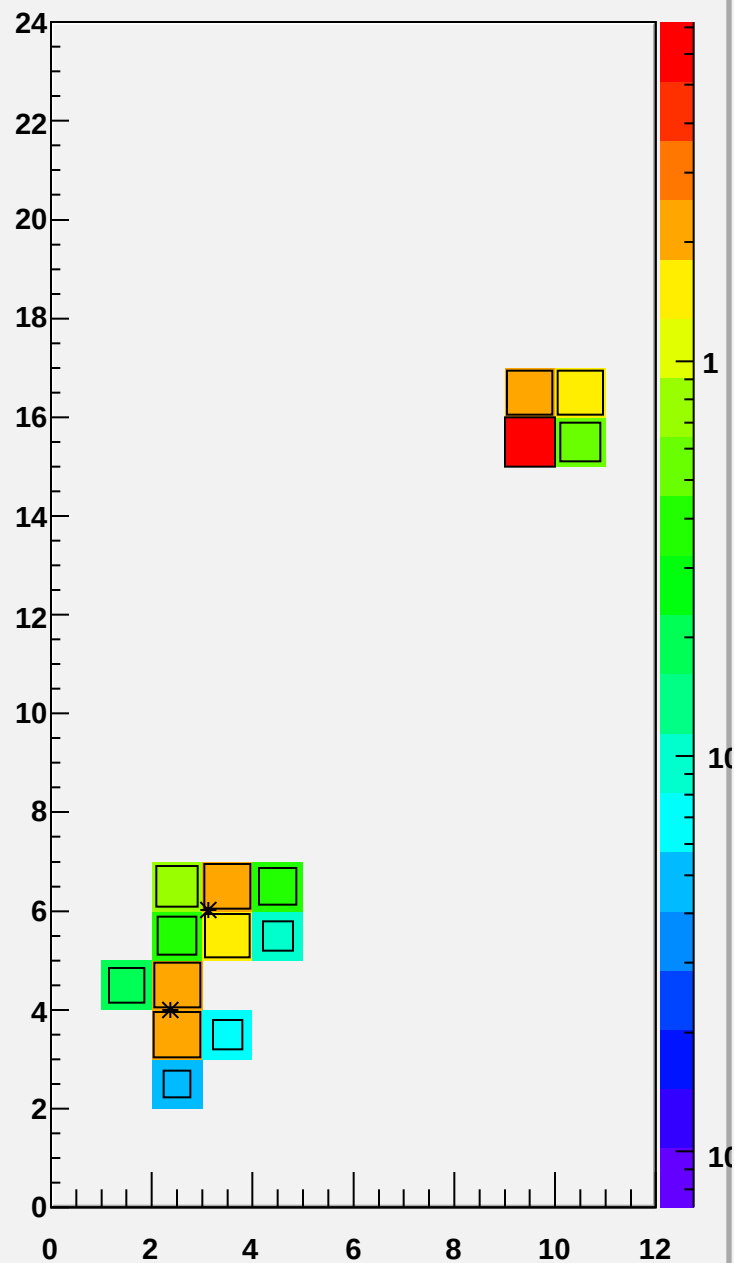
Fitted Energies



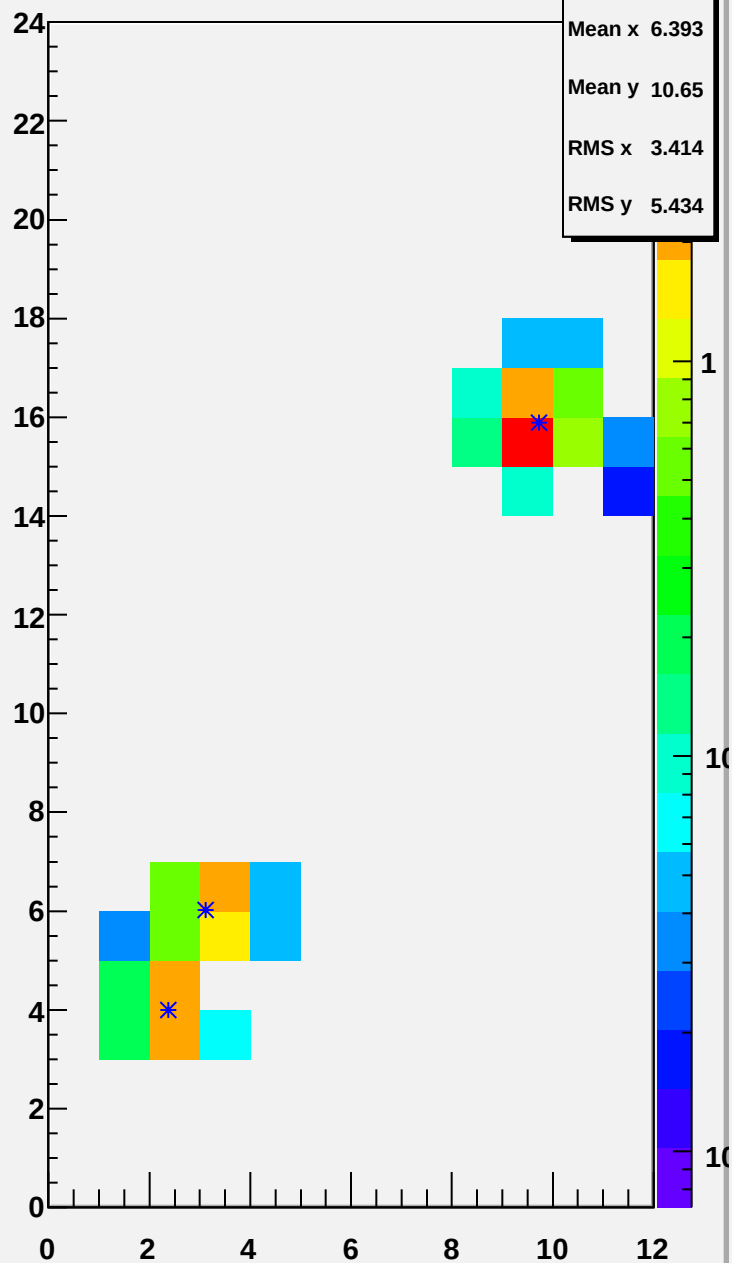
Efit

Entries 288
Mean x 3.104
Mean y 4.61
RMS x 0.575
RMS y 1.277

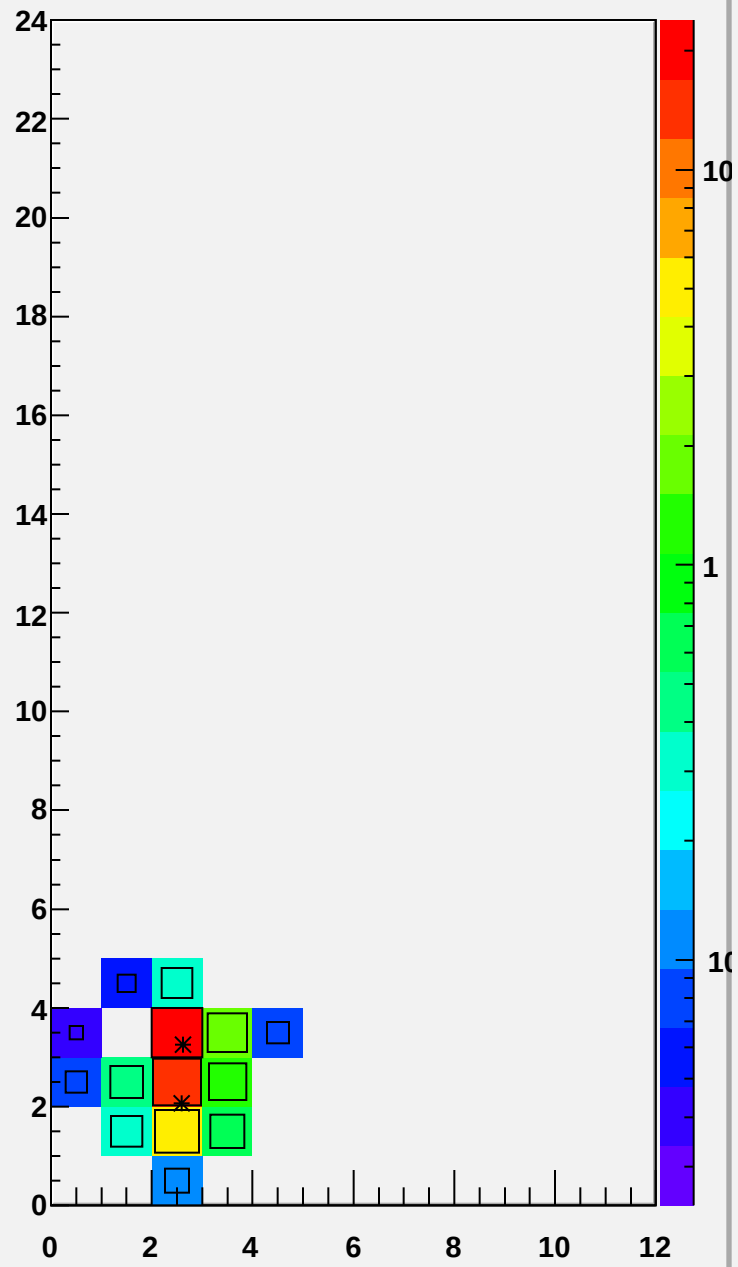
NSTB3_r4_c3_En=21.6_m0=0.064 m1=0.064 index=1685



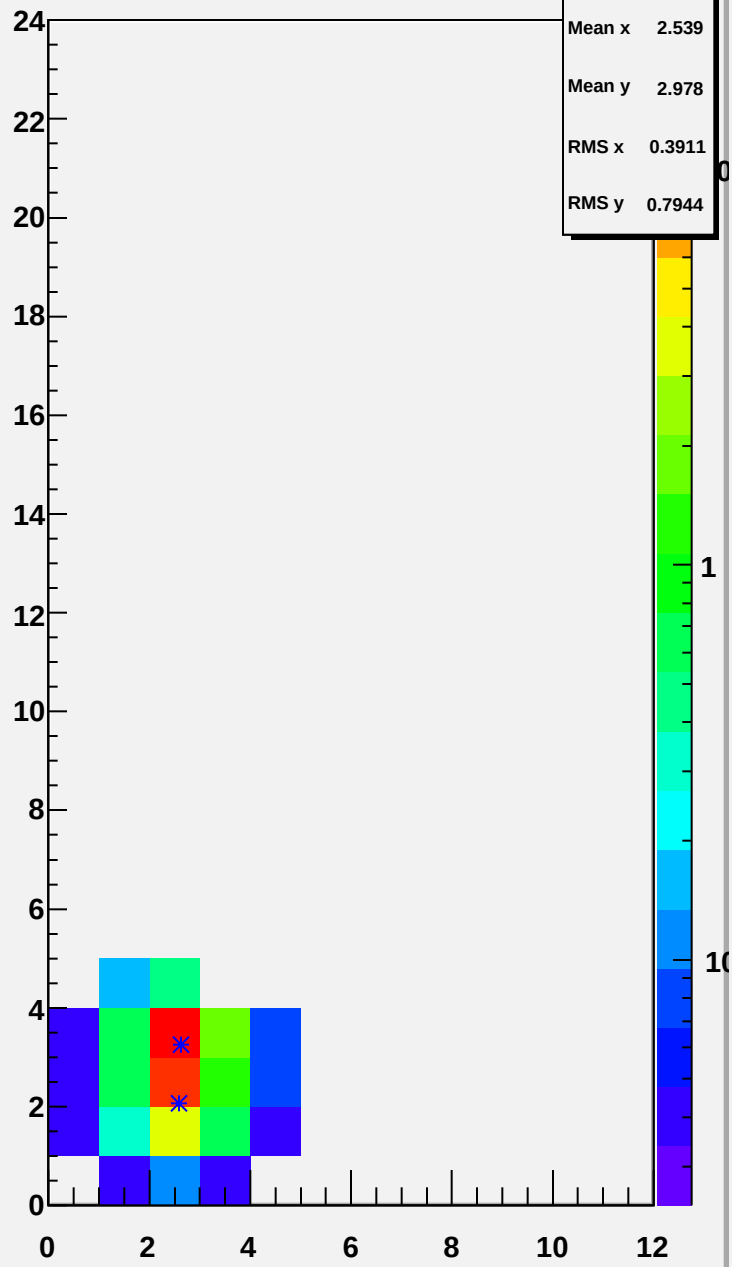
Fitted Energies



NSTB3_r4_c3_En=45.8_m0=0.145 m1=0.145 index=1686



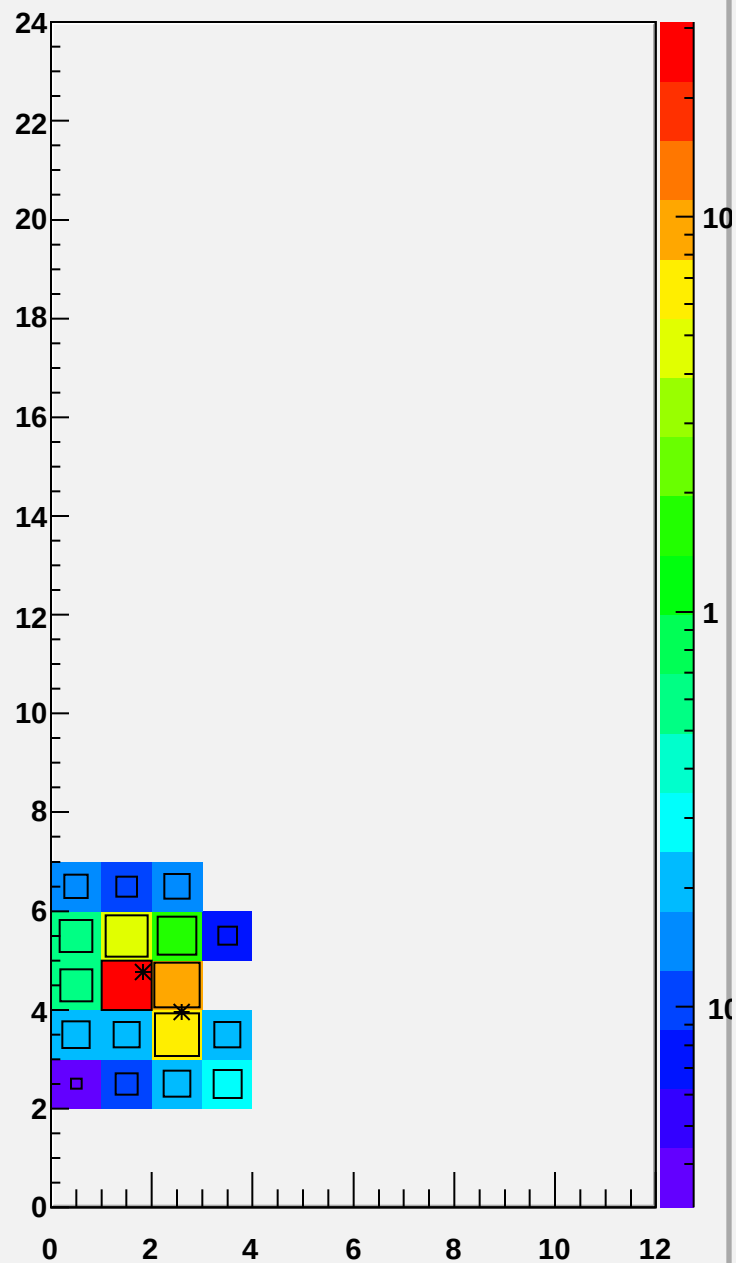
Fitted Energies



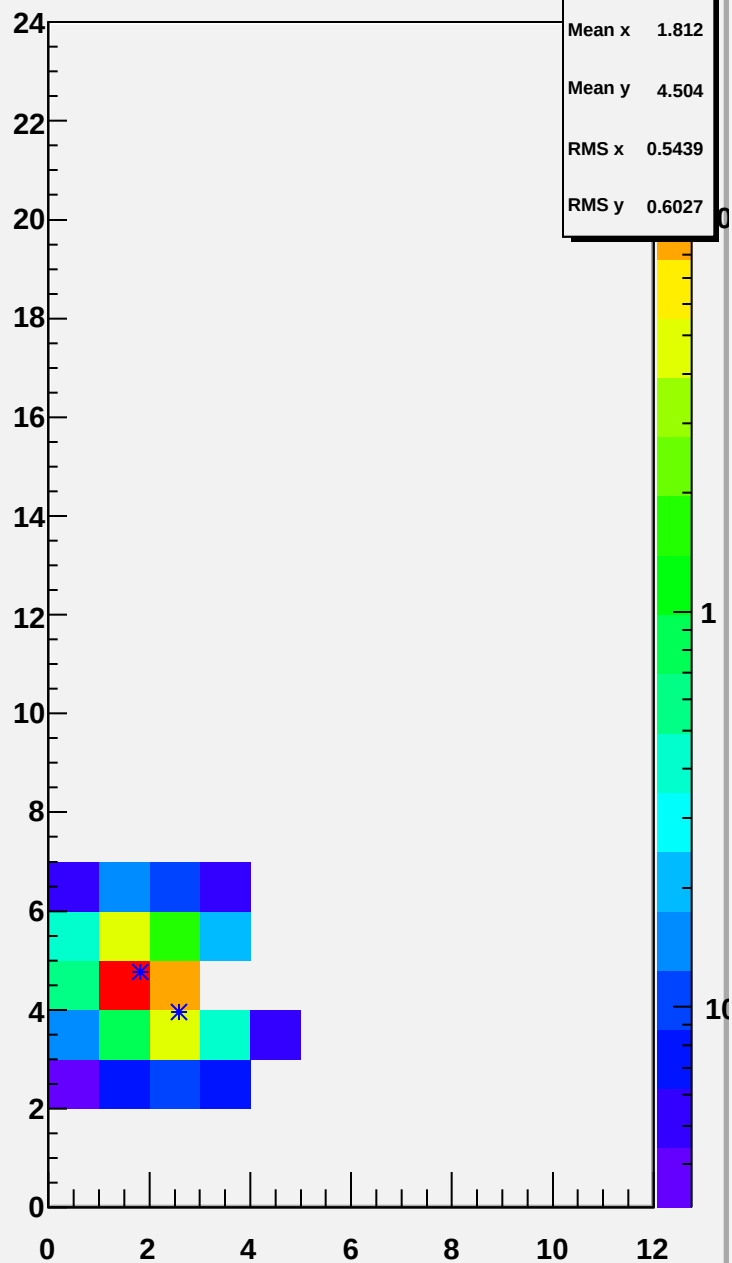
Efit

Entries	288
Mean x	2.539
Mean y	2.978
RMS x	0.3911
RMS y	0.7944

NSTB3_r4_c3_En=54.3_m0=0.123 m1=0.124 index=1687



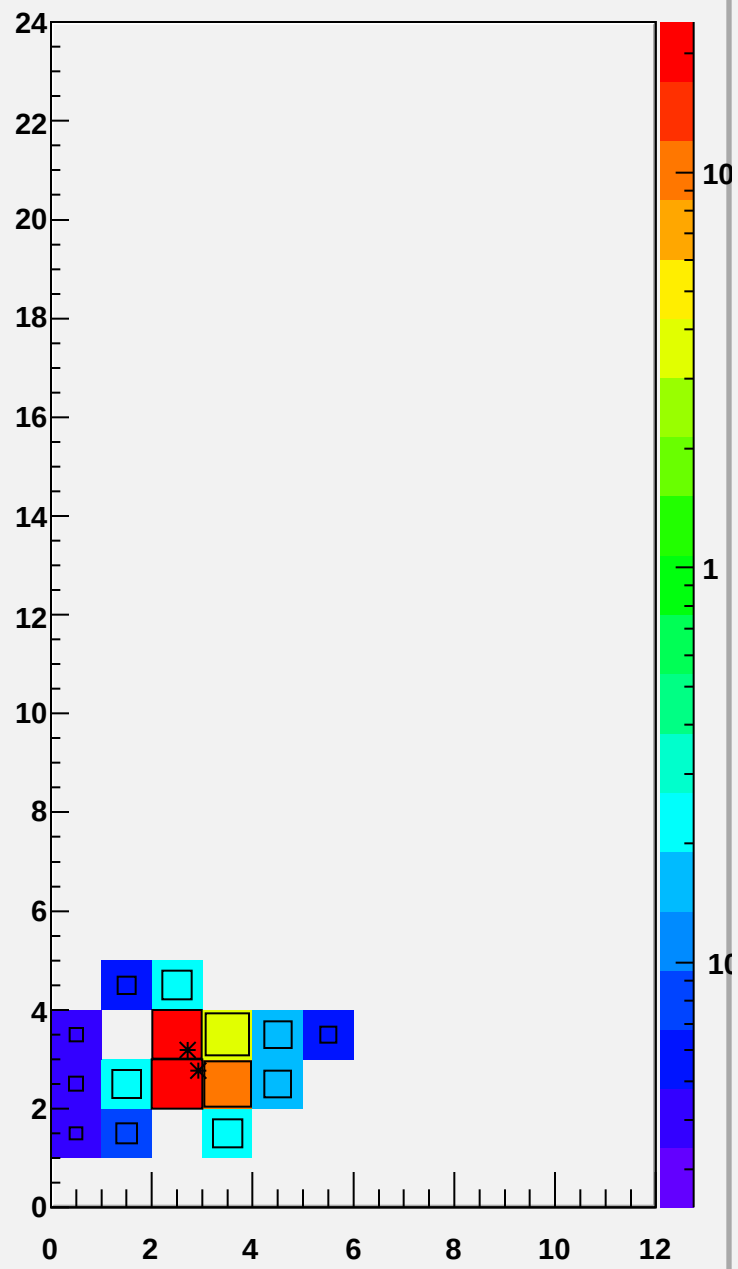
Fitted Energies



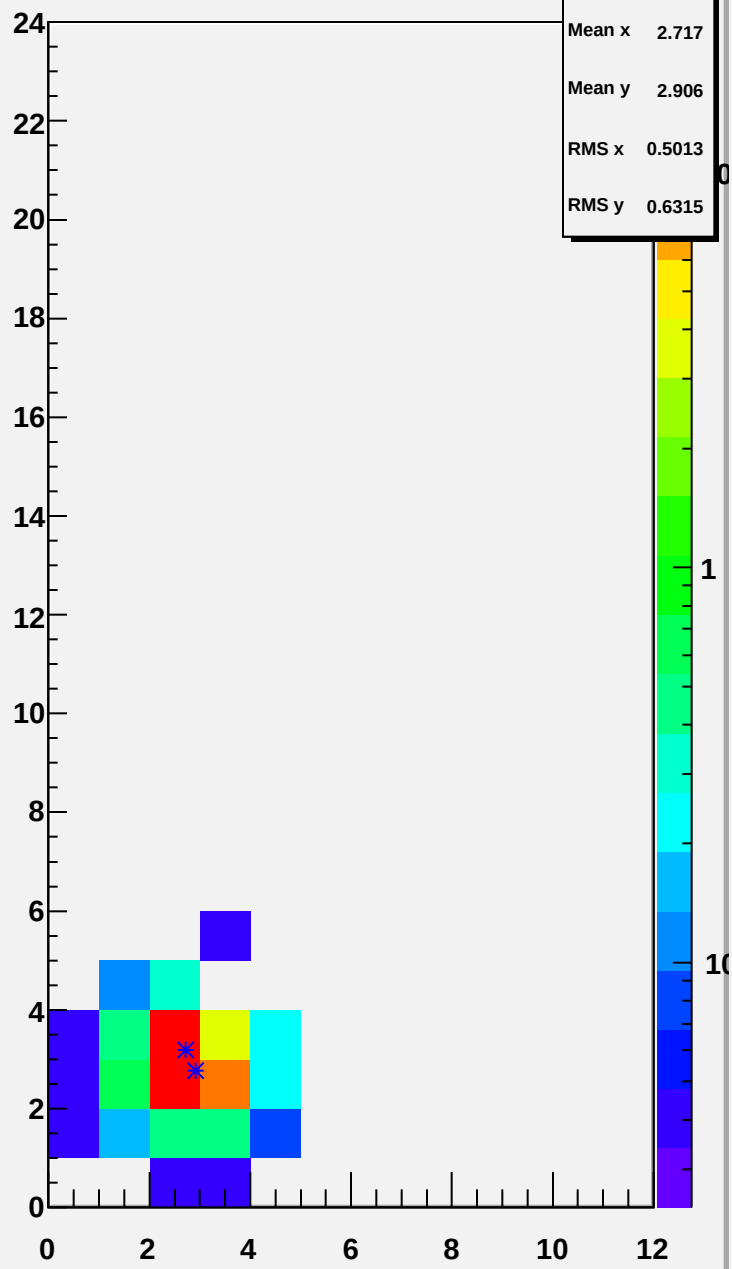
Efit

Entries	288
Mean x	1.812
Mean y	4.504
RMS x	0.5439
RMS y	0.6027

NSTB3_r4_c3_En=57.8_m0=0.074 m1=0.073 index=1688



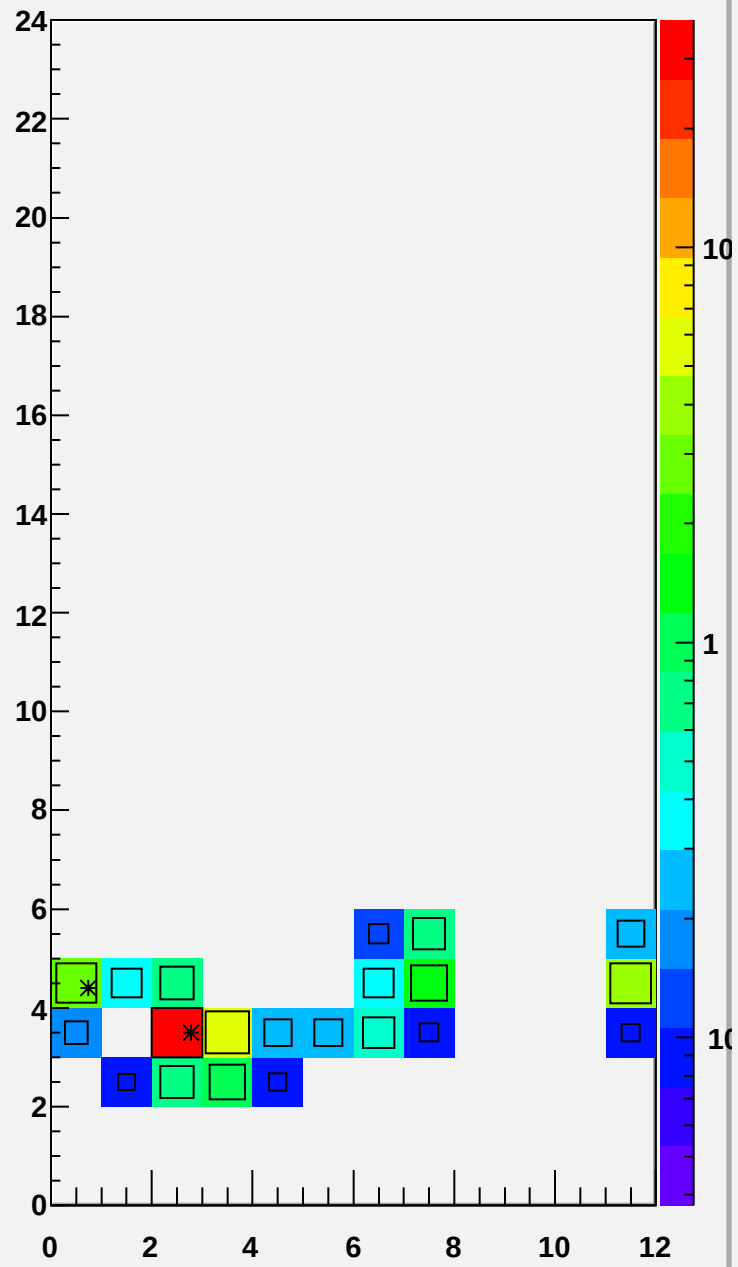
Fitted Energies



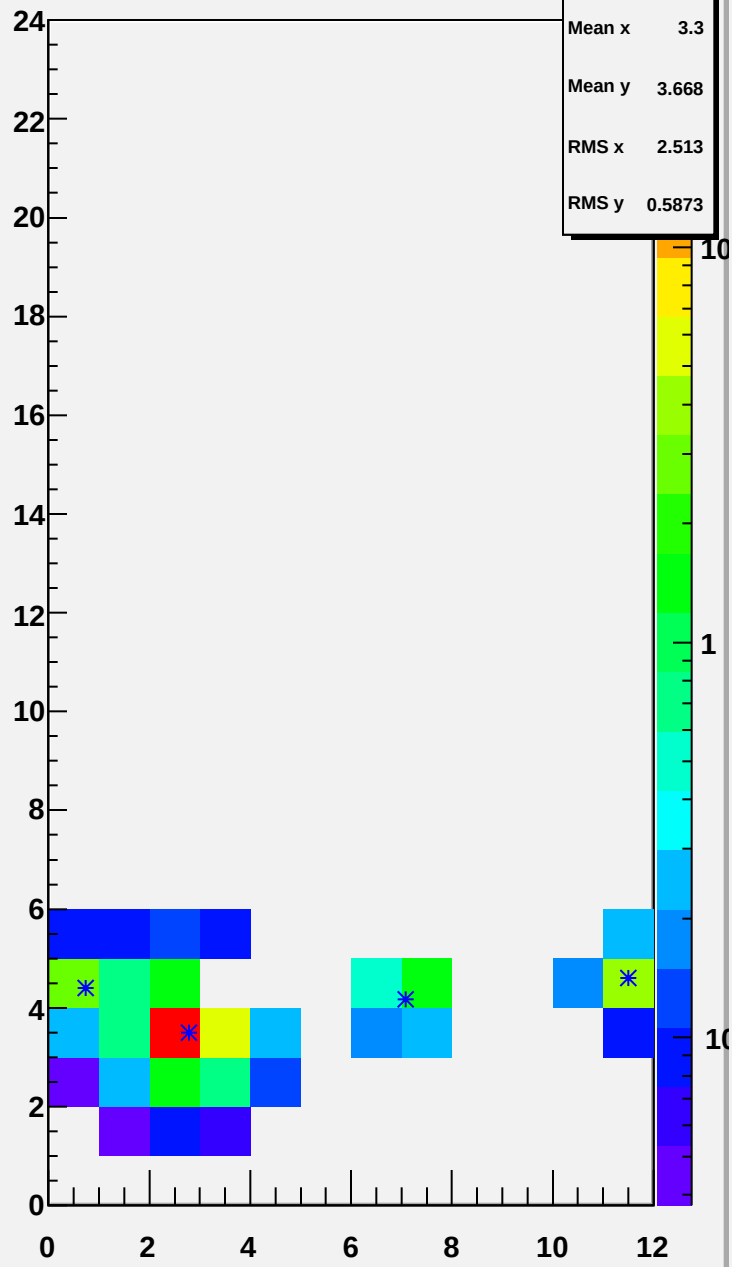
Efit

Entries	288
Mean x	2.717
Mean y	2.906
RMS x	0.5013
RMS y	0.6315

NSTB3_r4_c3_En=57.8_m0=0.174 m1=0.175 index=1689



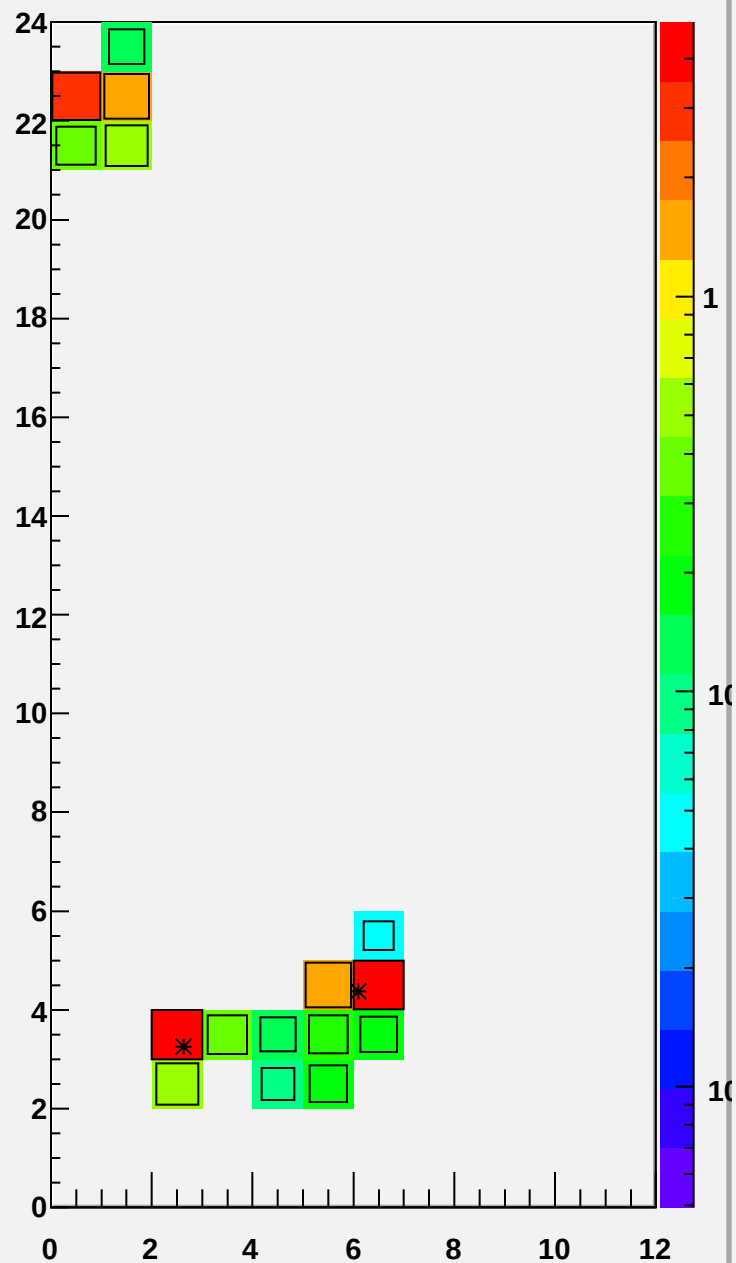
Fitted Energies



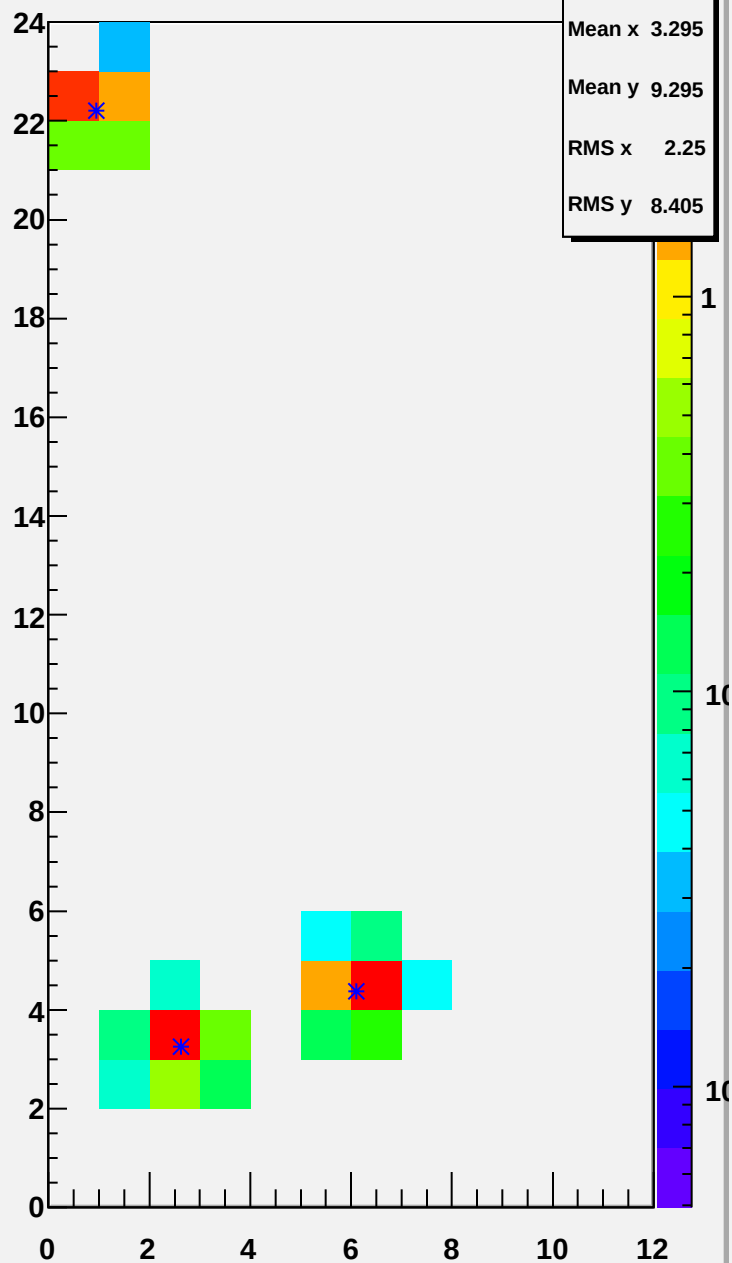
Efit

Entries	288
Mean x	3.3
Mean y	3.668
RMS x	2.513
RMS y	0.5873

NSTB3_r4_c3_En=17.2_m0=0.123 m1=0.123 index=1690



Fitted Energies



Efit

Entries 288

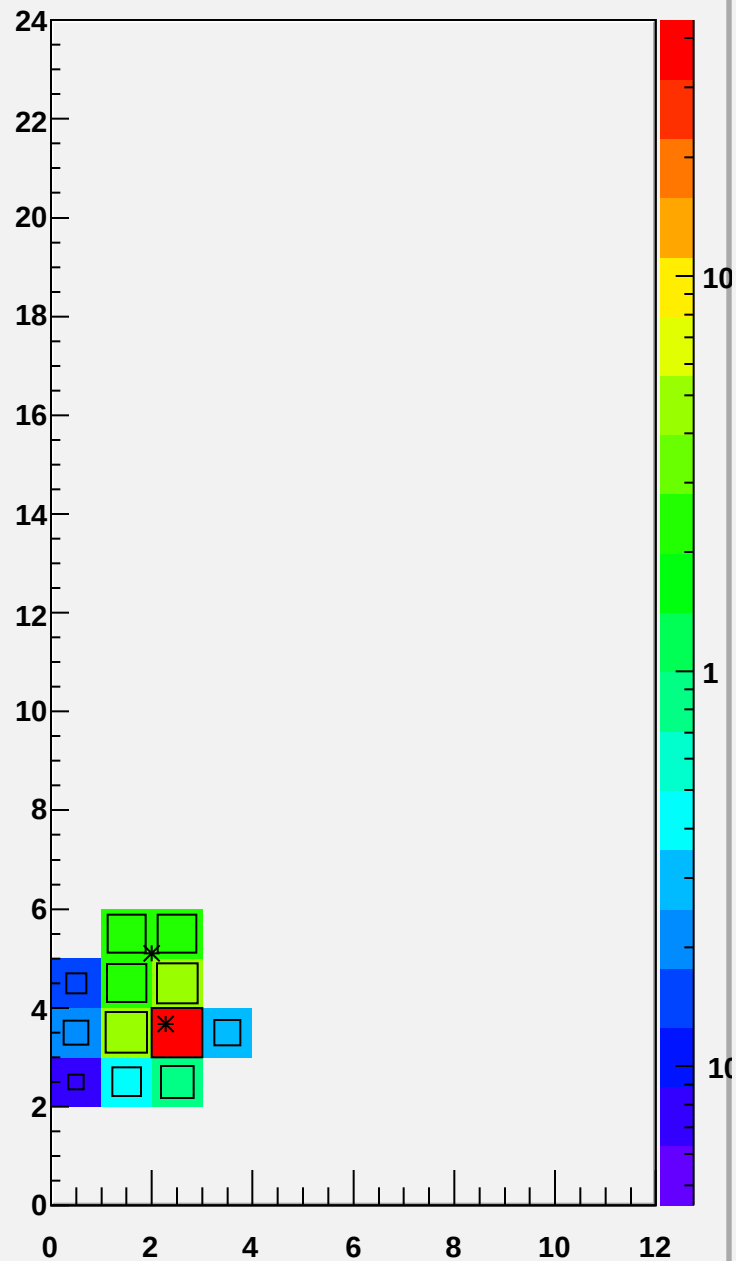
Mean x 3.295

Mean y 9.295

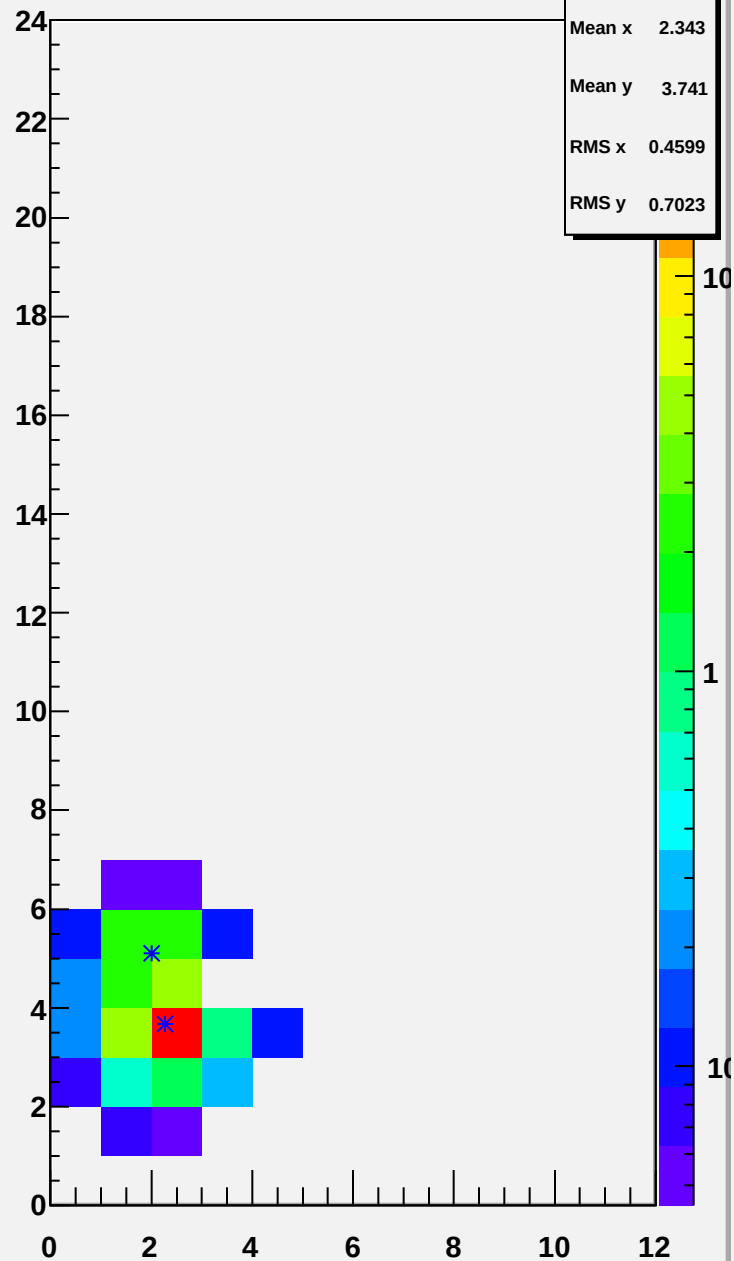
RMS x 2.25

RMS y 8.405

NSTB3_r4_c3_En=62.8_m0=0.157 m1=0.156 index=1691



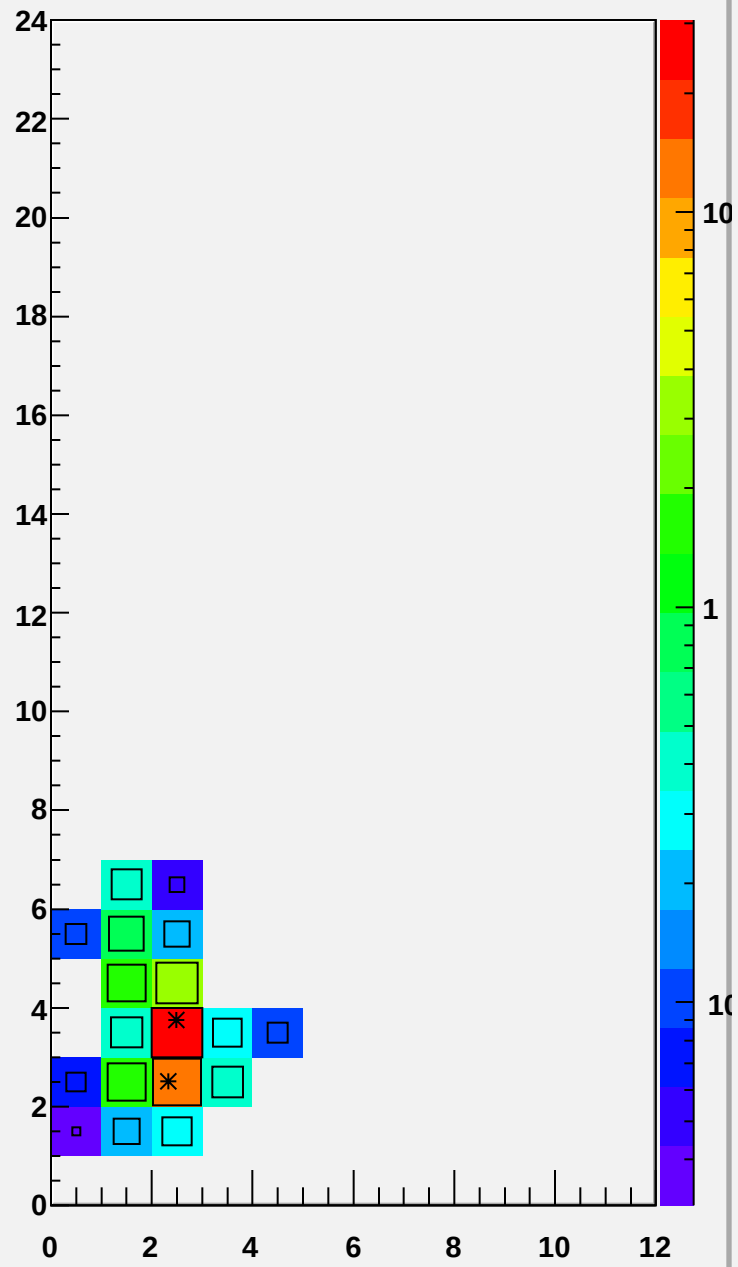
Fitted Energies



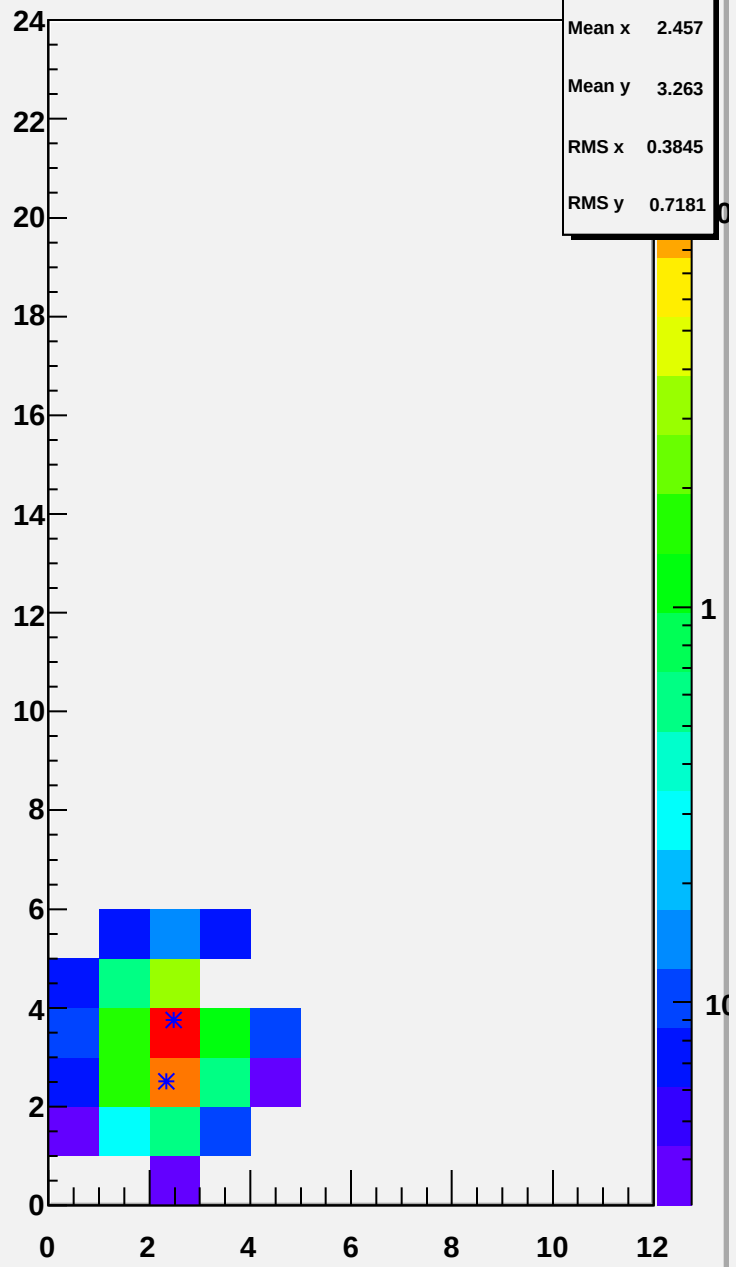
Efit

Entries	288
Mean x	2.343
Mean y	3.741
RMS x	0.4599
RMS y	0.7023

NSTB3_r4_c3_En=54.9_m0=0.171 m1=0.171 index=1694



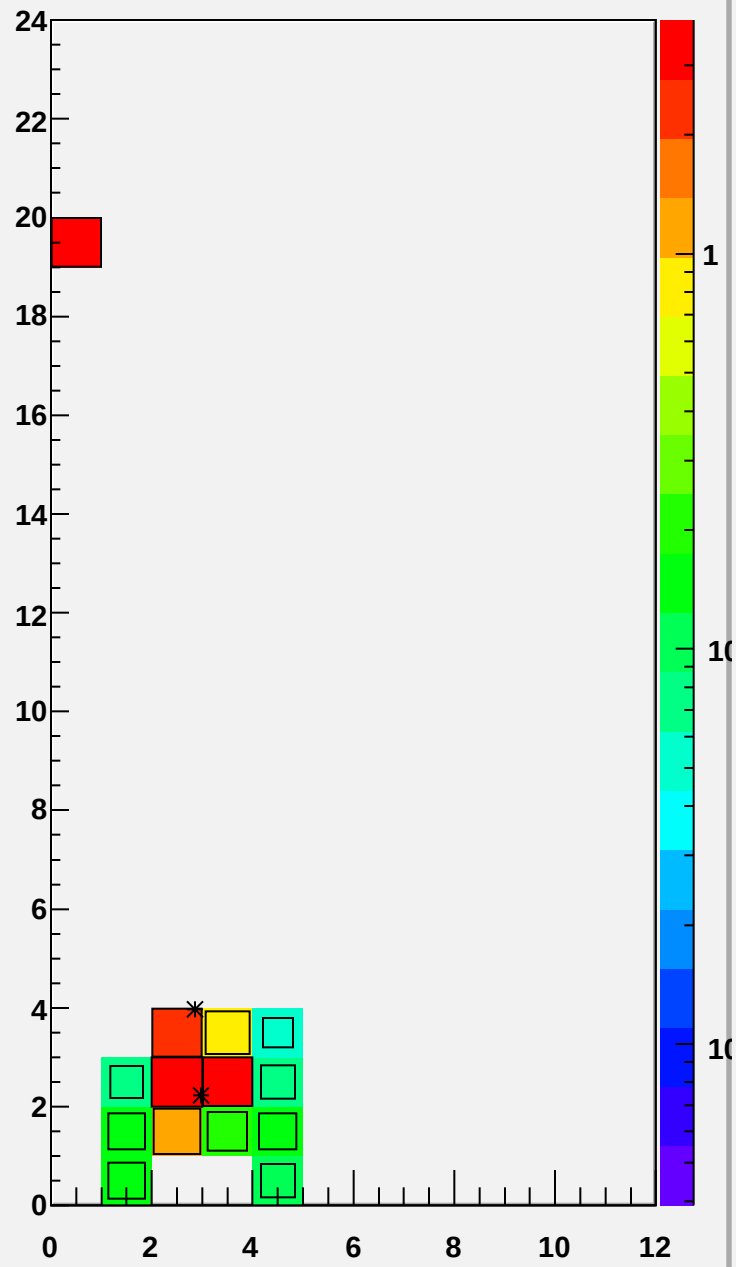
Fitted Energies



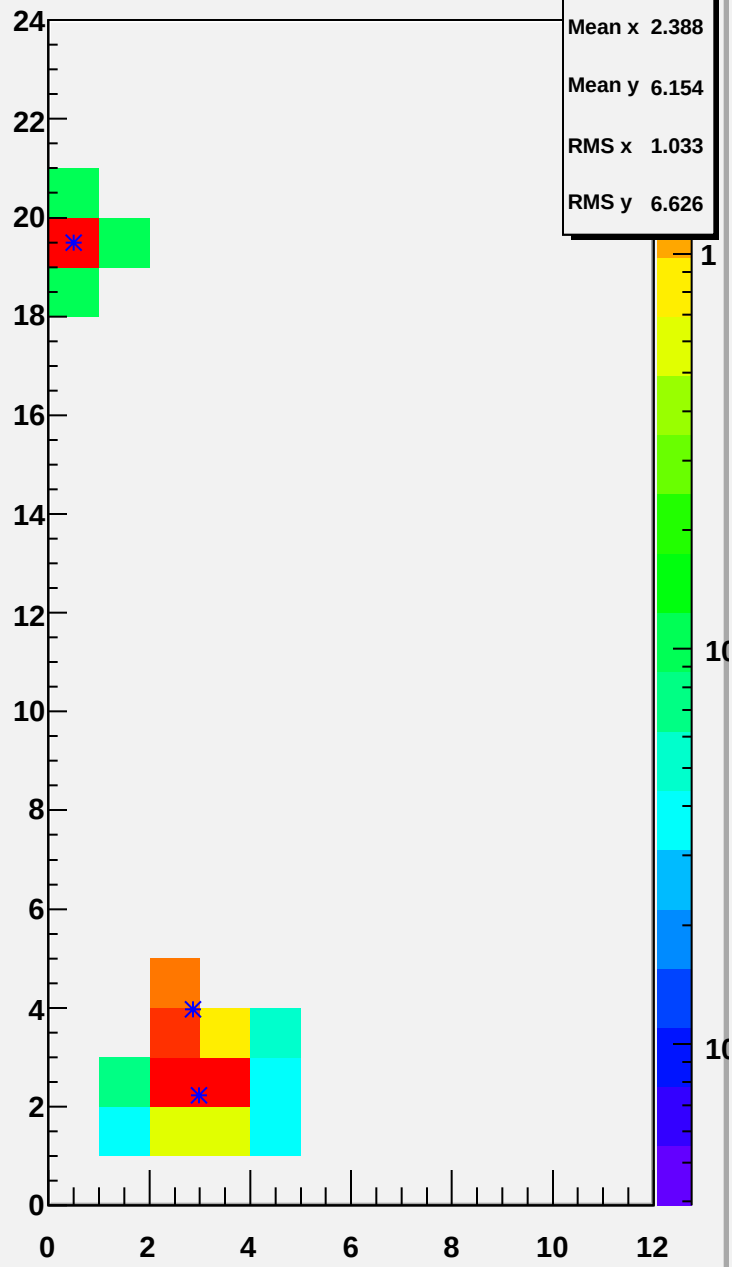
Efit

Entries	288
Mean x	2.457
Mean y	3.263
RMS x	0.3845
RMS y	0.7181

NSTB3_r4_c3_En=16.0_m0=0.066 m1=0.066 index=1695



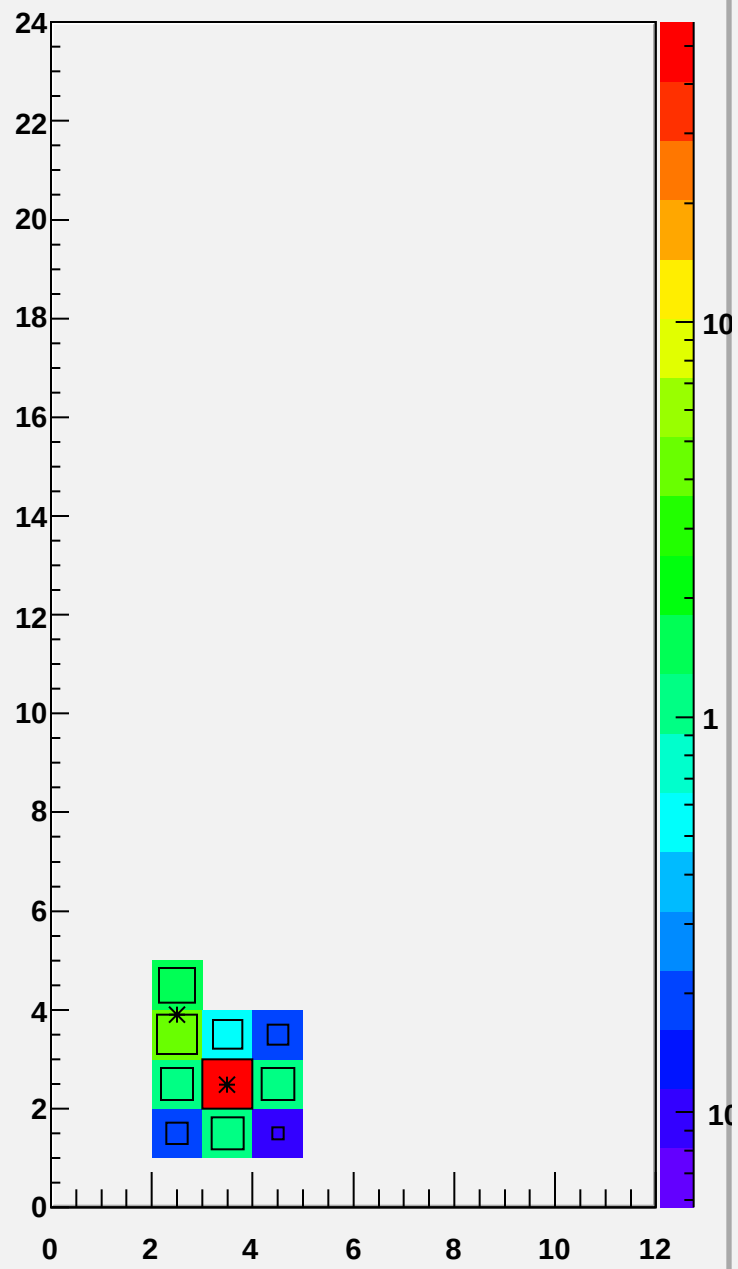
Fitted Energies



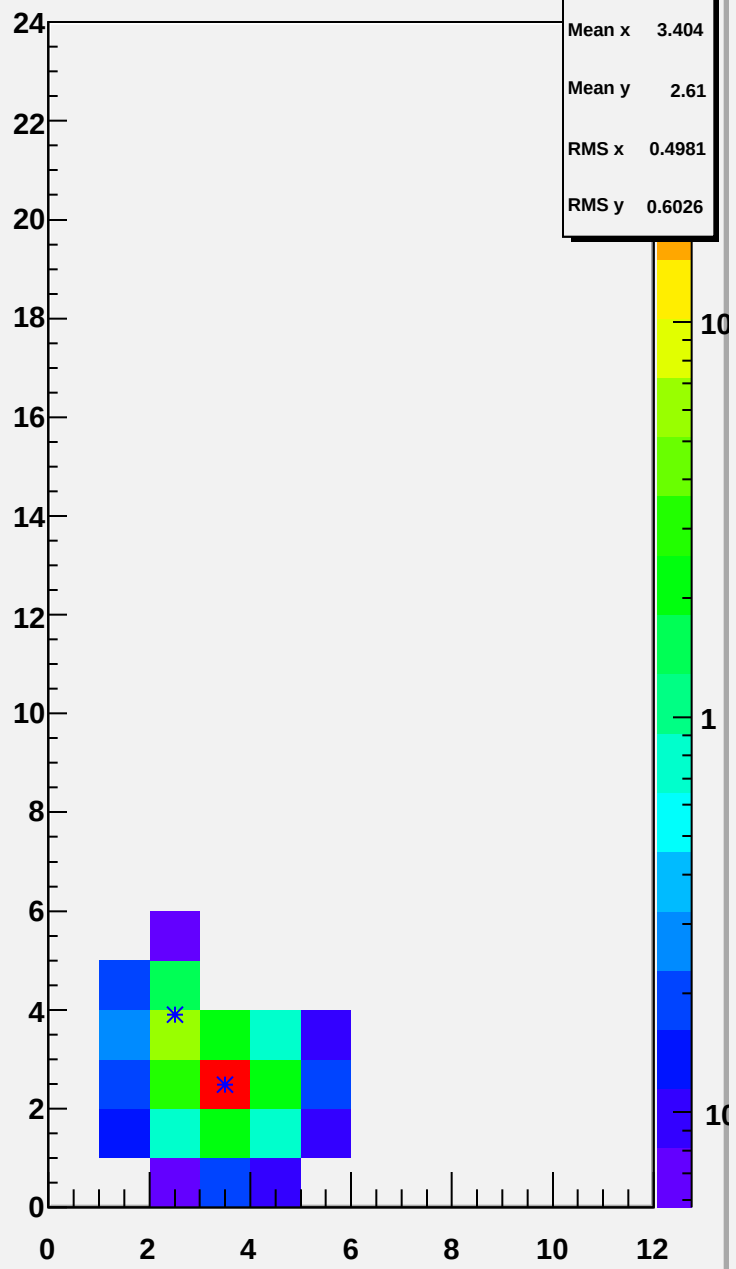
Efit

Entries 288
Mean x 2.388
Mean y 6.154
RMS x 1.033
RMS y 6.626

NSTB3_r4_c3_En=68.1_m0=0.209 m1=0.210 index=1696



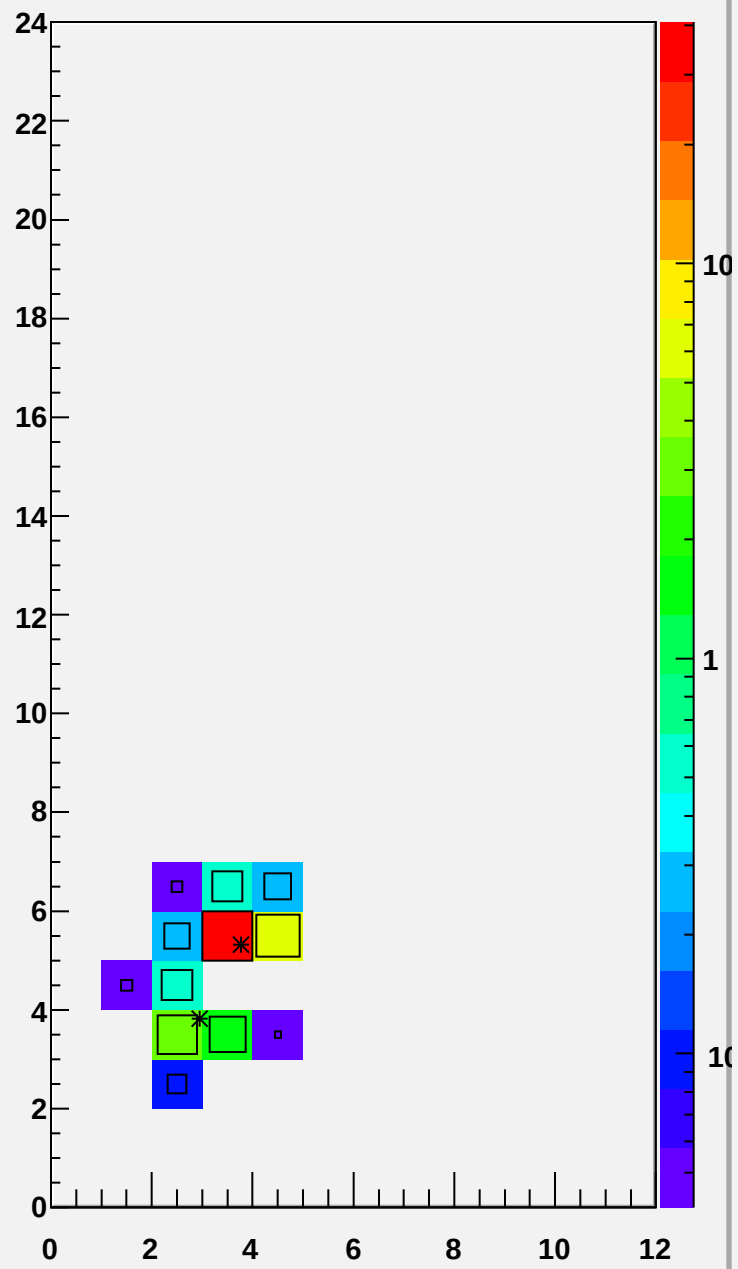
Fitted Energies



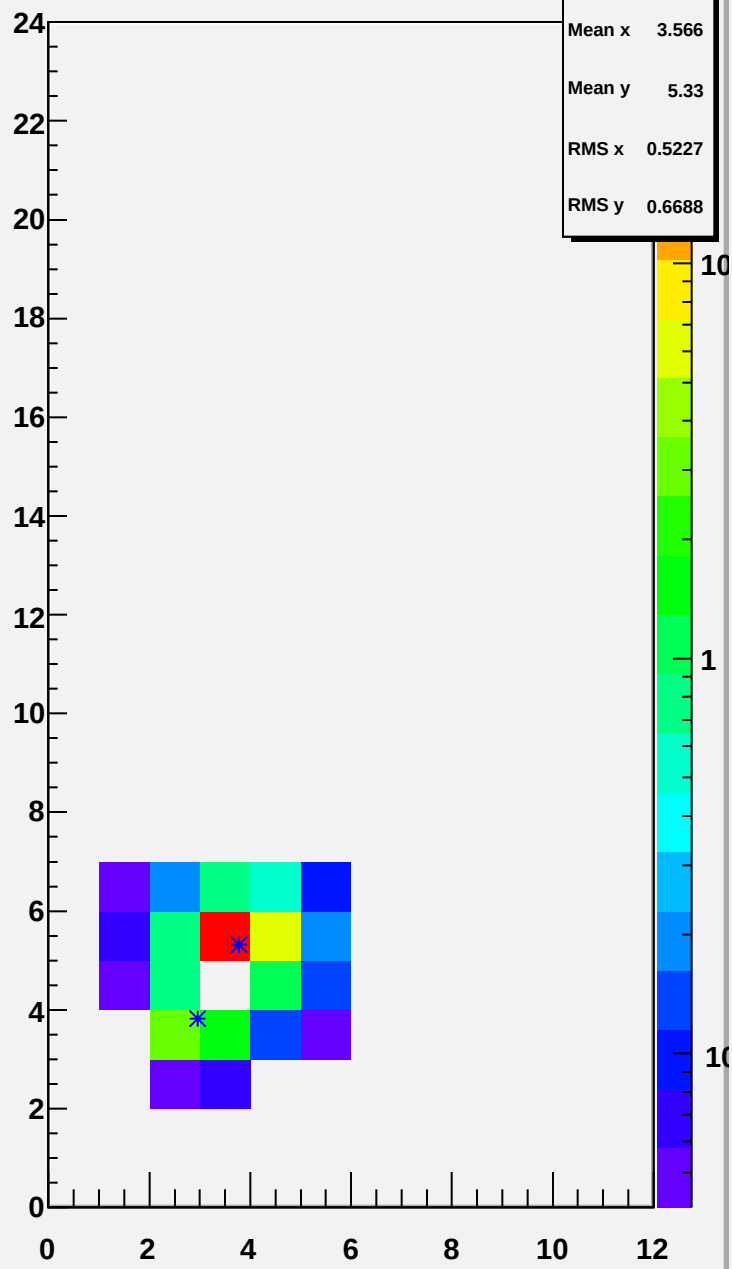
Efit

Entries	288
Mean x	3.404
Mean y	2.61
RMS x	0.4981
RMS y	0.6026

NSTB3_r4_c3_En=53.1_m0=0.158 m1=0.158 index=1697



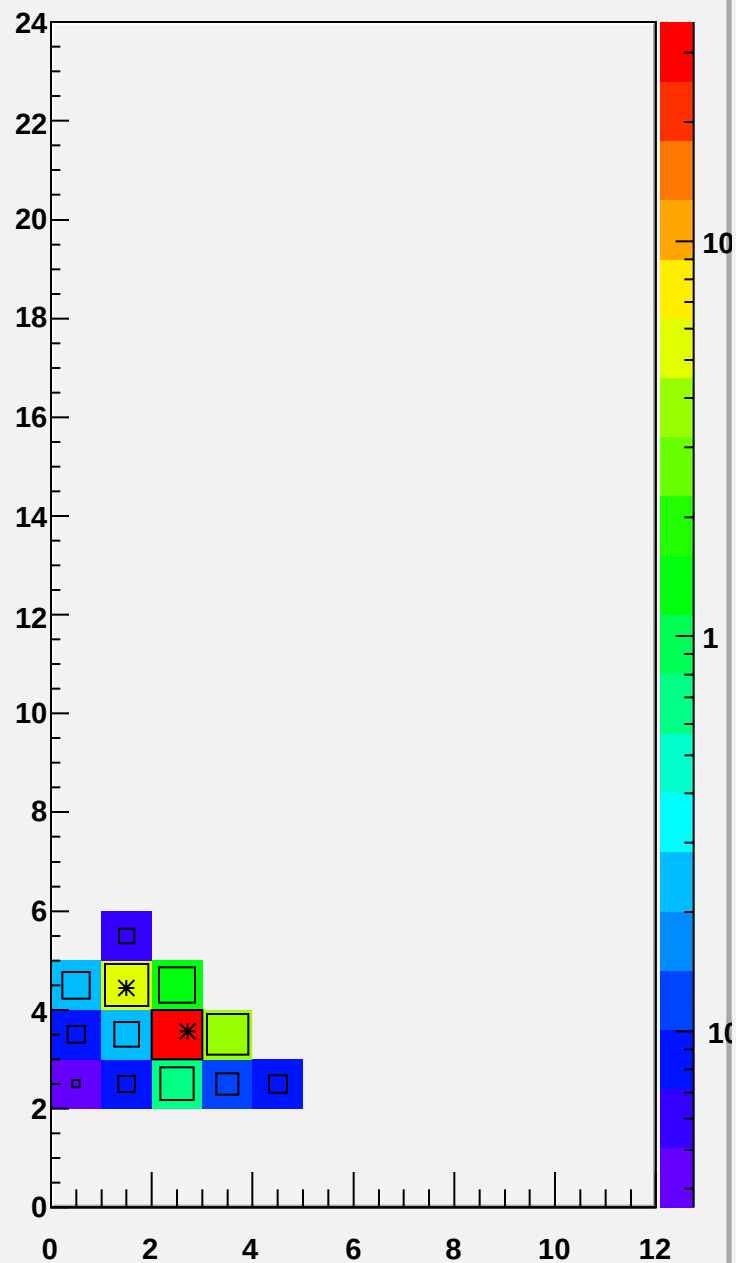
Fitted Energies



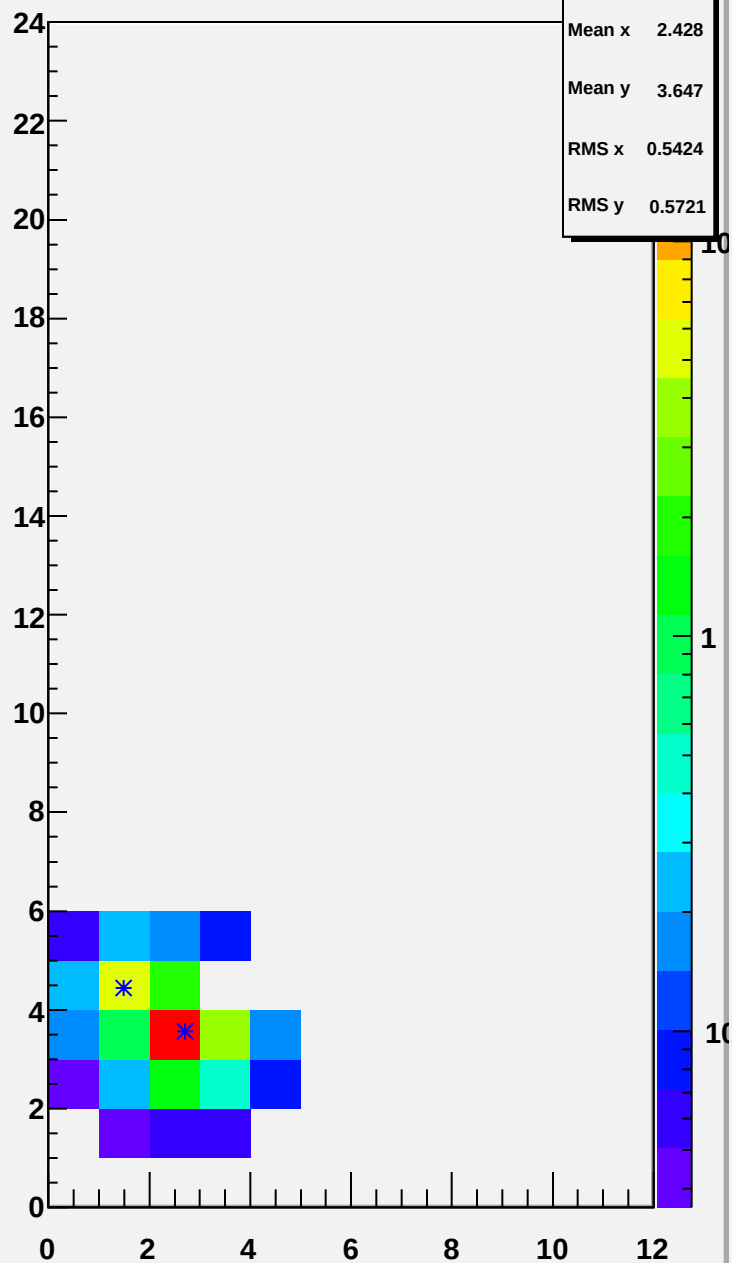
Efit

Entries	288
Mean x	3.566
Mean y	5.33
RMS x	0.5227
RMS y	0.6688

NSTB3_r4_c3_En=48.5_m0=0.145 m1=0.145 index=1699



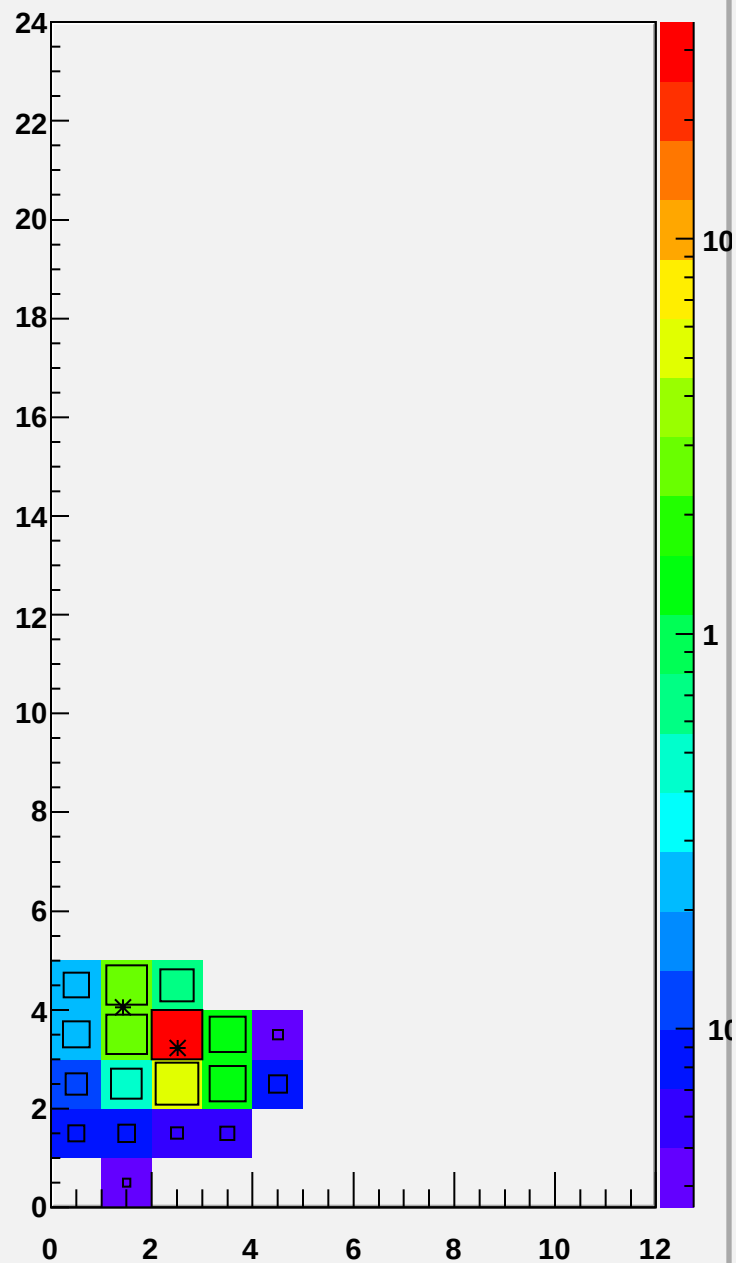
Fitted Energies



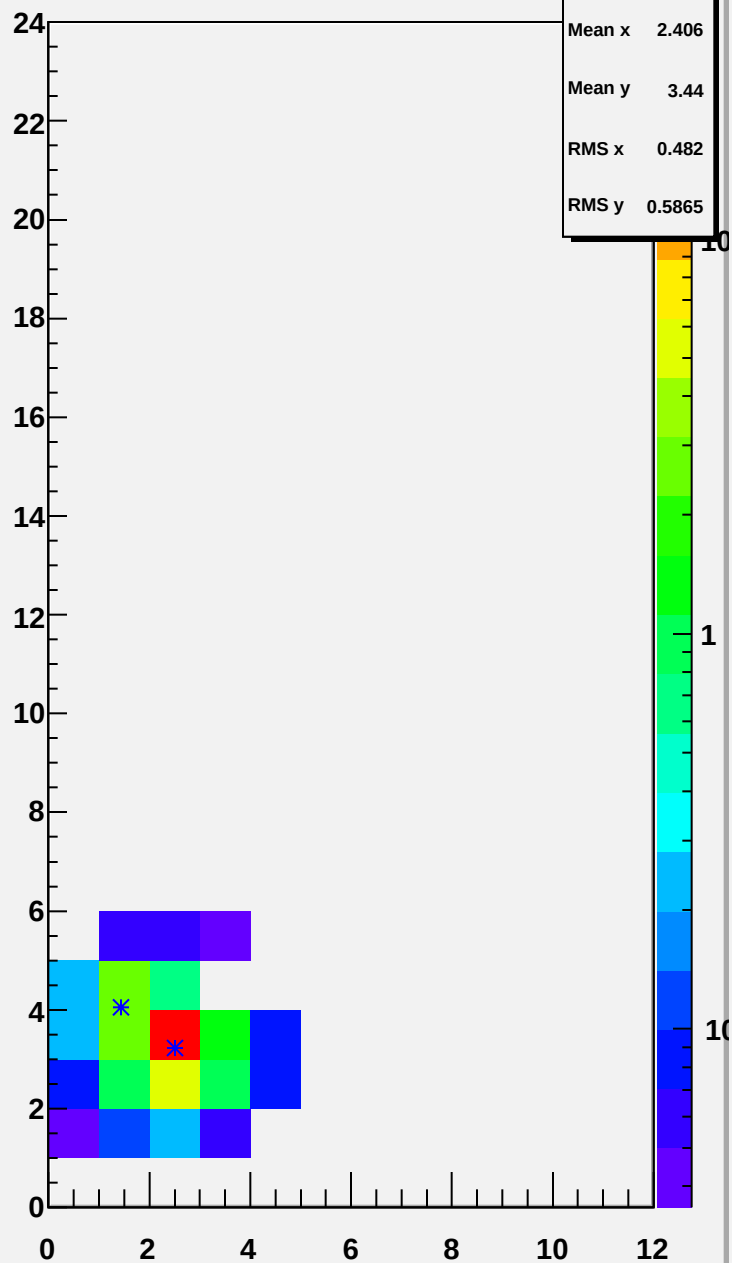
Efit

Entries	288
Mean x	2.428
Mean y	3.647
RMS x	0.5424
RMS y	0.5721

NSTB3_r4_c3_En=50.6_m0=0.107 m1=0.106 index=1701



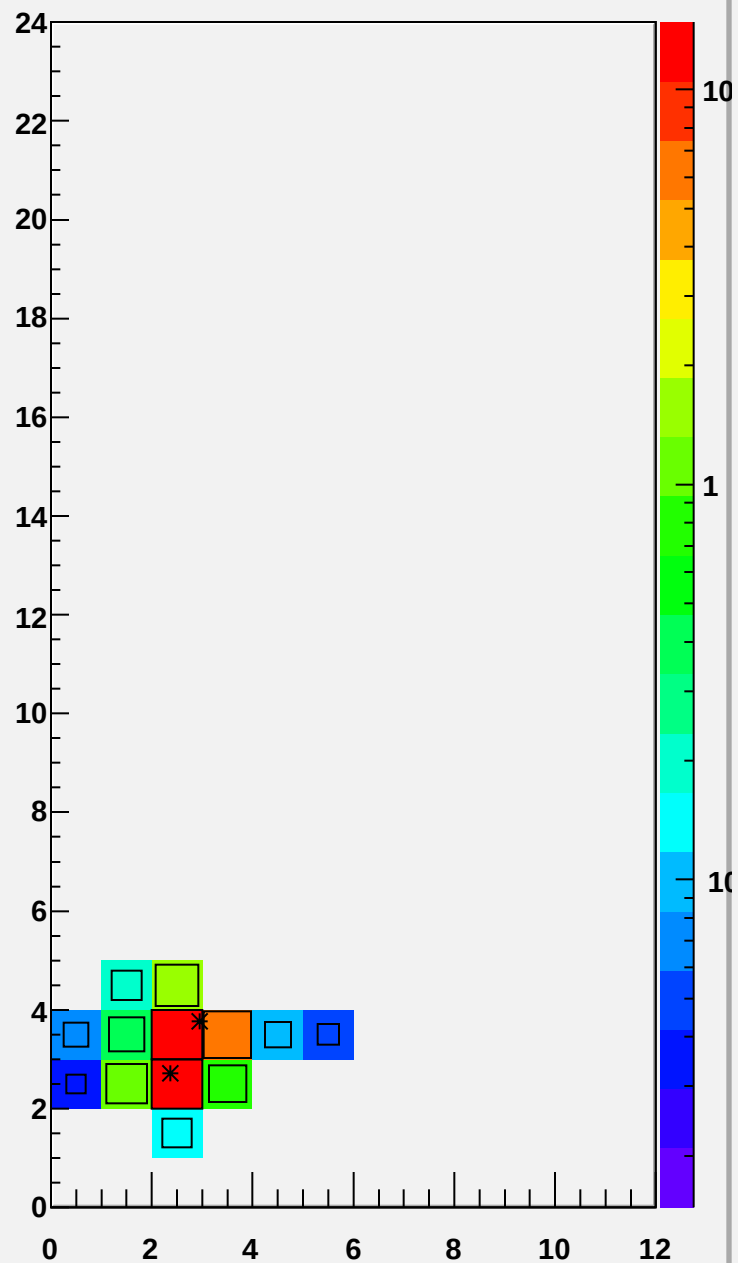
Fitted Energies



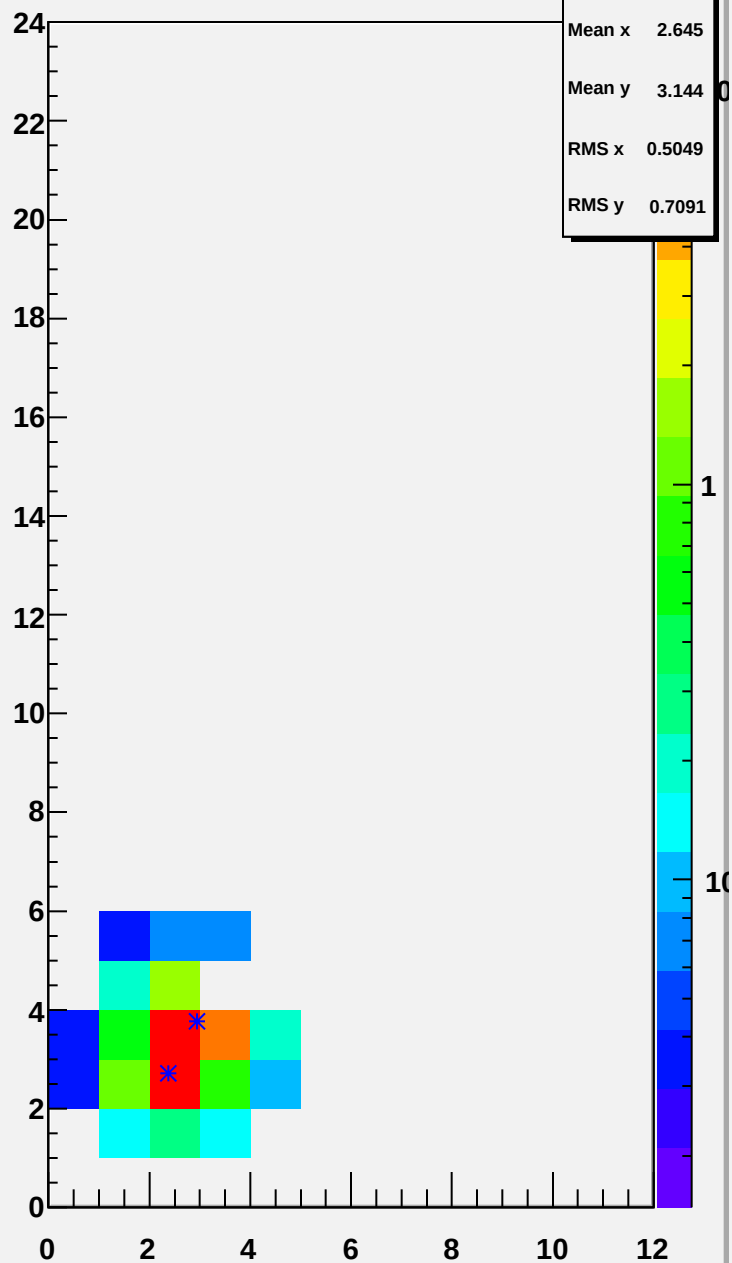
Efit

Entries	288
Mean x	2.406
Mean y	3.44
RMS x	0.482
RMS y	0.5865

NSTB3_r4_c3_En=41.1_m0=0.139 m1=0.139 index=1703



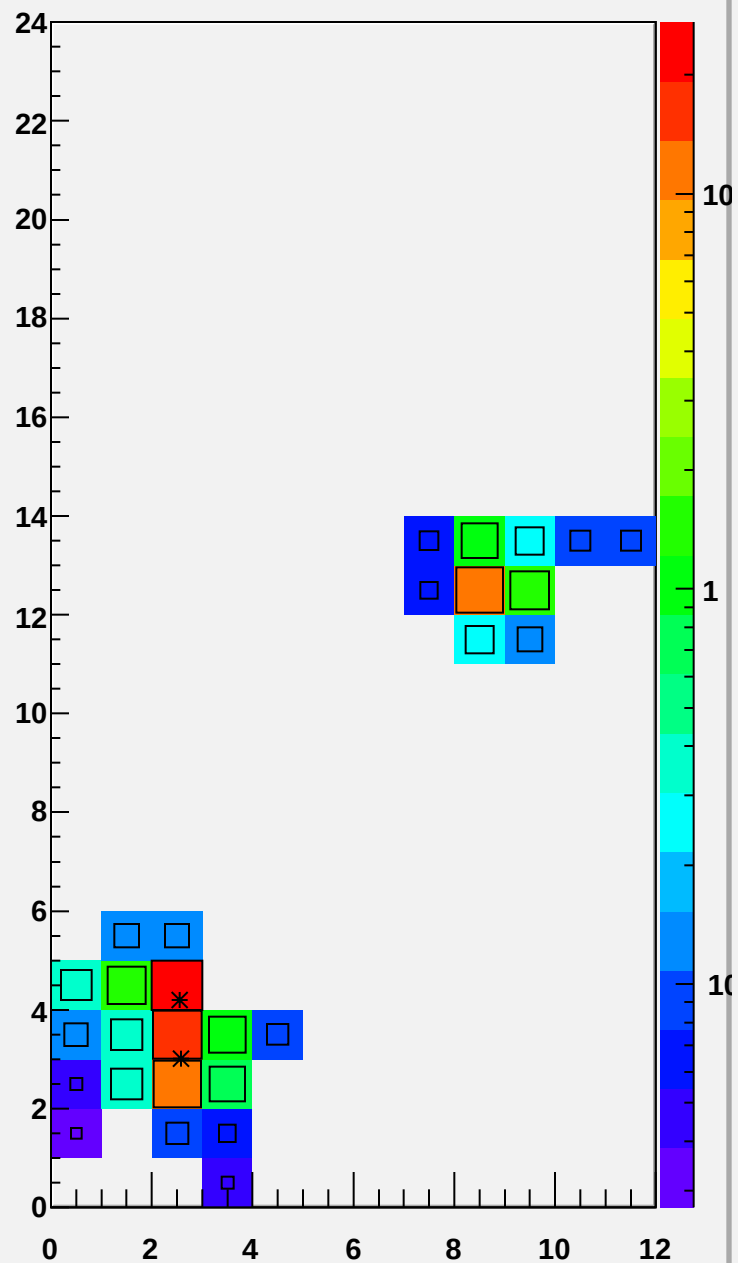
Fitted Energies



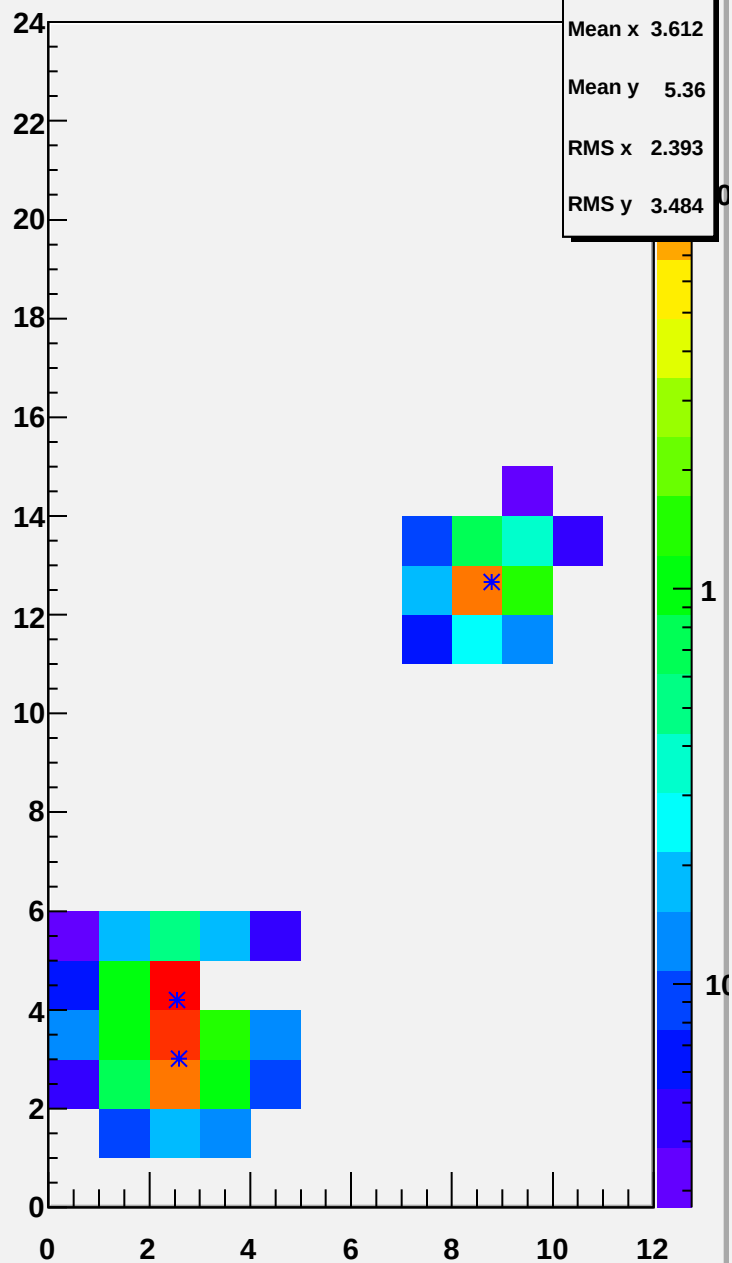
Efit

Entries	288
Mean x	2.645
Mean y	3.144
RMS x	0.5049
RMS y	0.7091

NSTB3_r4_c3_En=74.8_m0=0.208 m1=0.208 index=1704



Fitted Energies



Efit

Entries 288

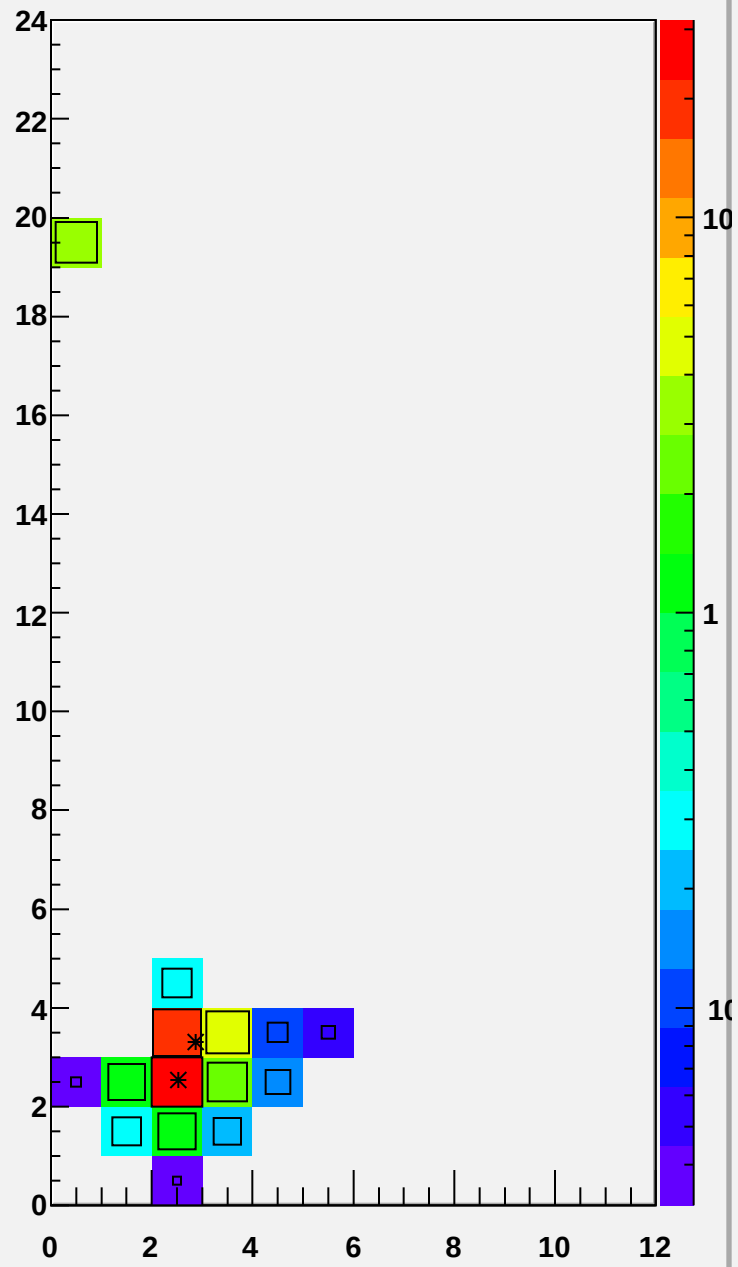
Mean x 3.612

Mean y 5.36

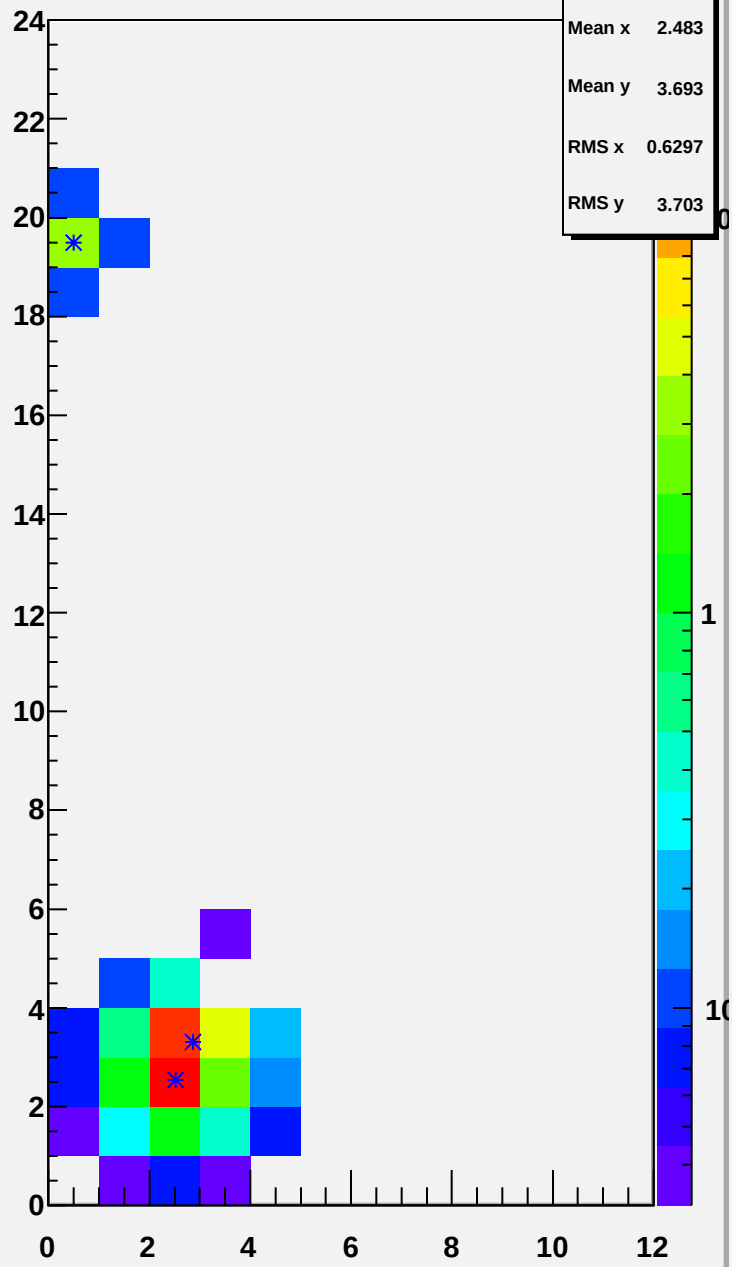
RMS x 2.393

RMS y 3.484

NSTB3_r4_c3_En=61.7_m0=0.130 m1=0.131 index=1705



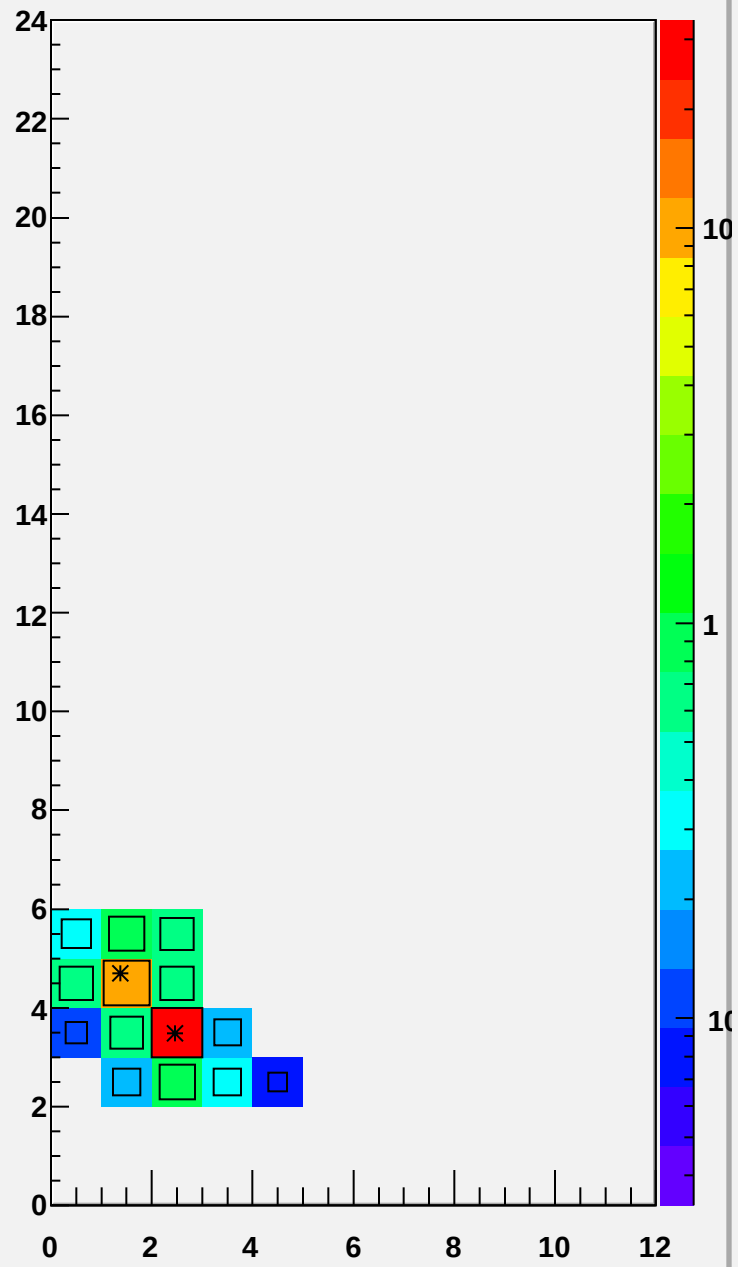
Fitted Energies



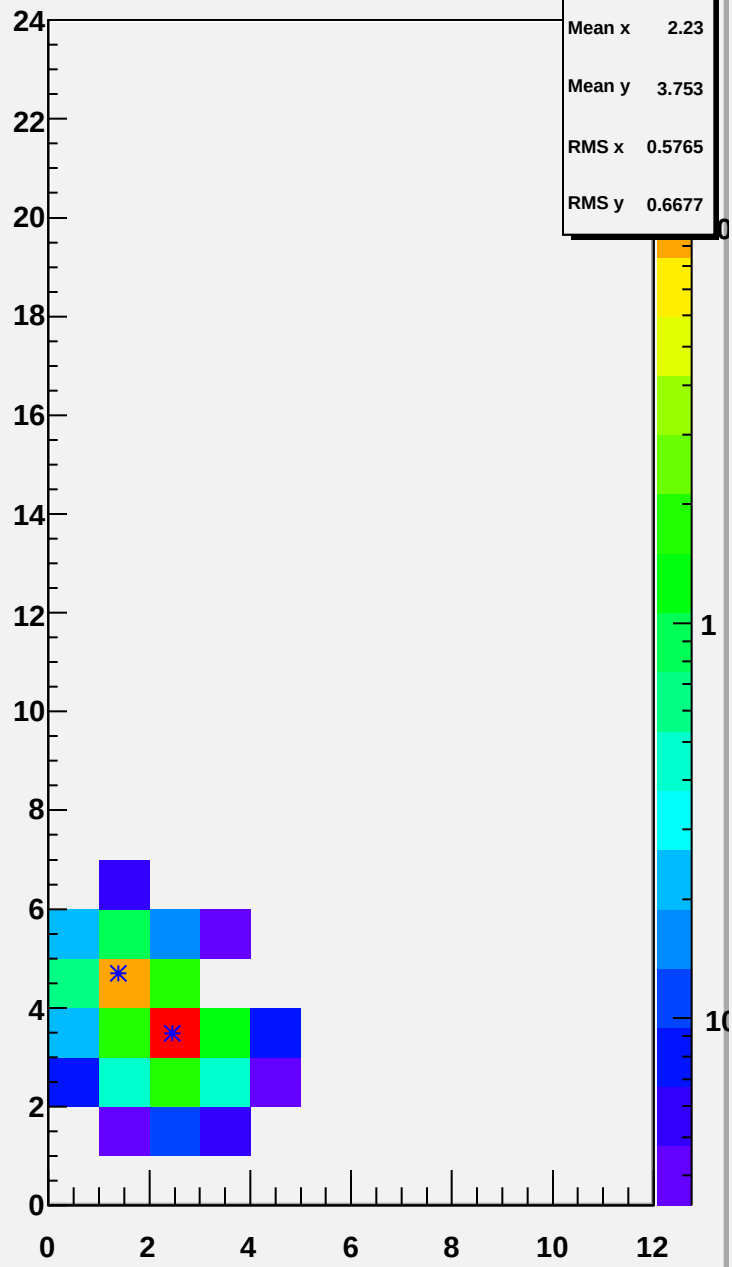
Efit

Entries	288
Mean x	2.483
Mean y	3.693
RMS x	0.6297
RMS y	3.703

NSTB3_r4_c3_En=49.6_m0=0.203 m1=0.204 index=1706



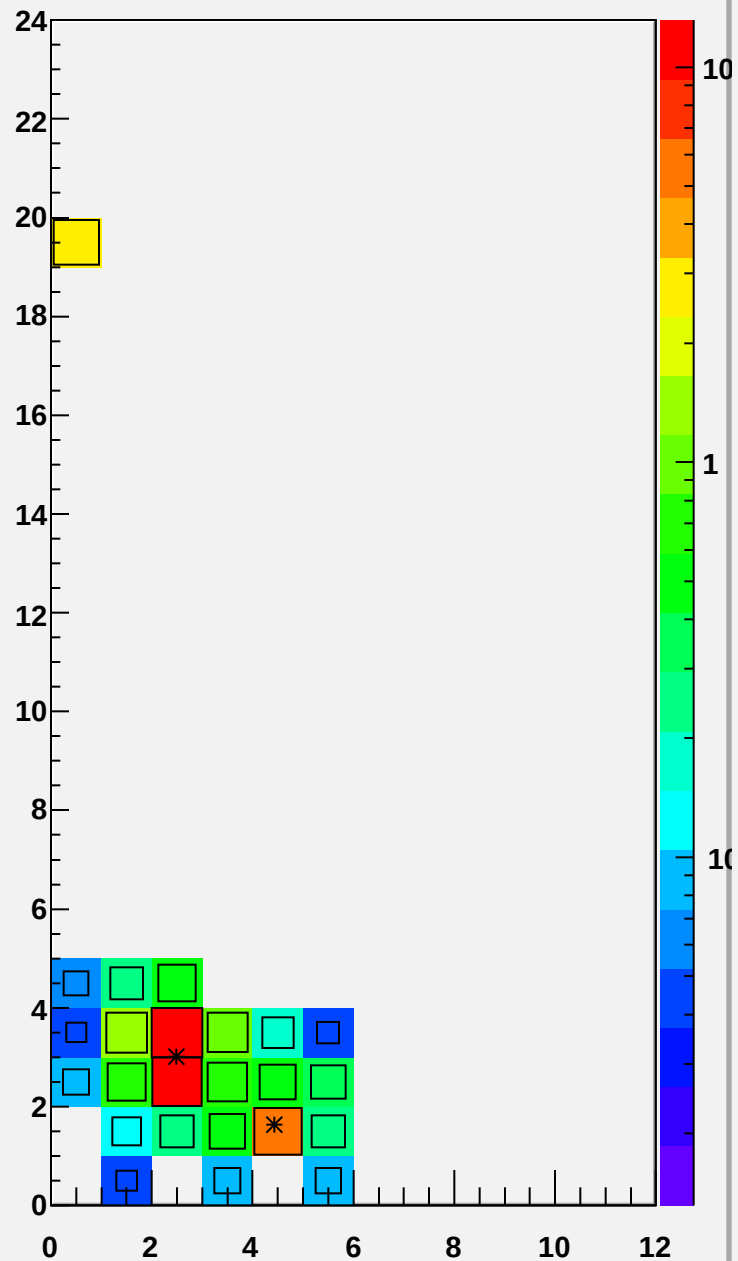
Fitted Energies



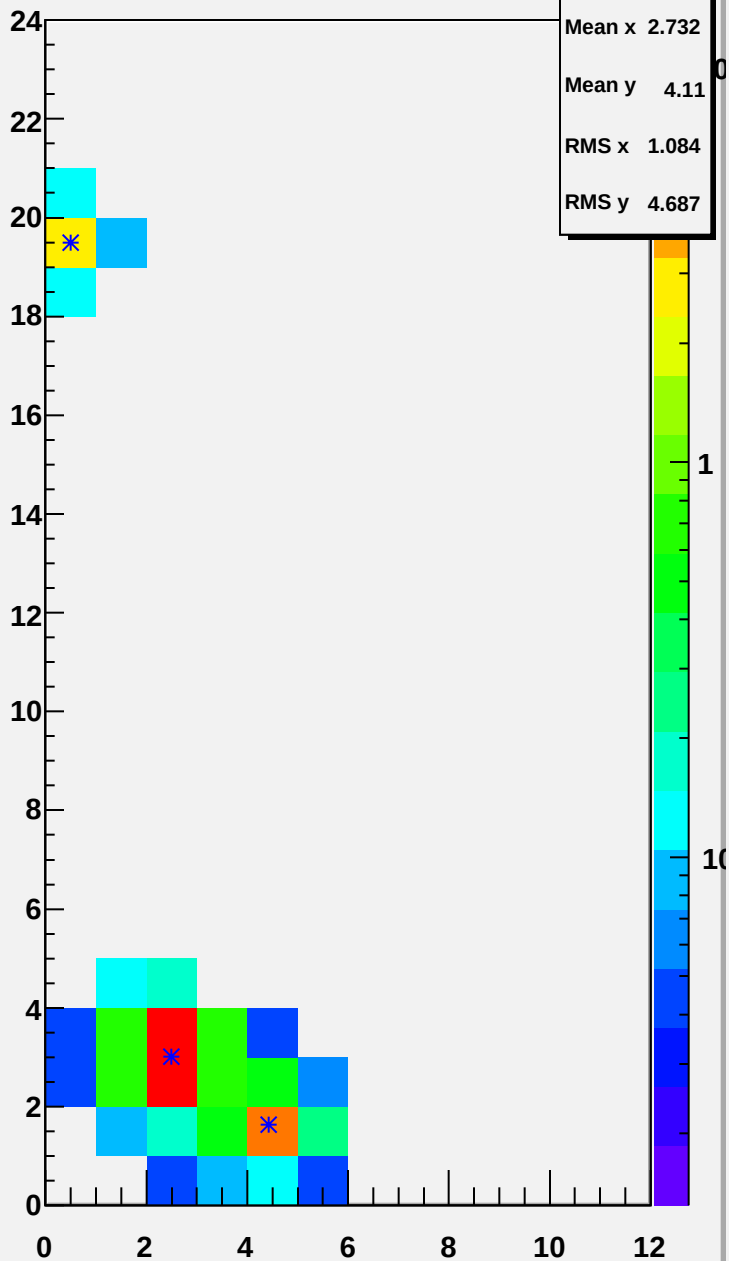
Efit

Entries	288
Mean x	2.23
Mean y	3.753
RMS x	0.5765
RMS y	0.6677

NSTB3_r4_c3_En=40.1_m0=0.194 m1=0.194 index=1707



Fitted Energies



Efit

Entries 288

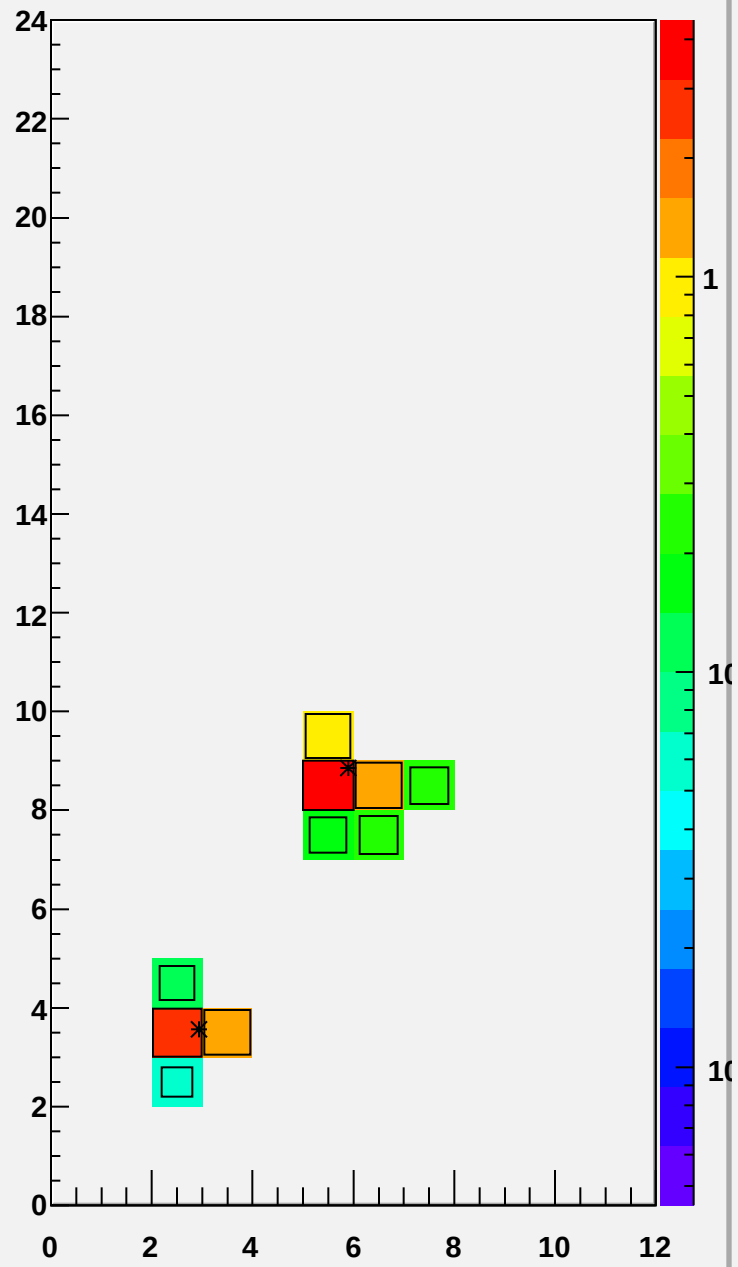
Mean x 2.732

Mean y 4.11

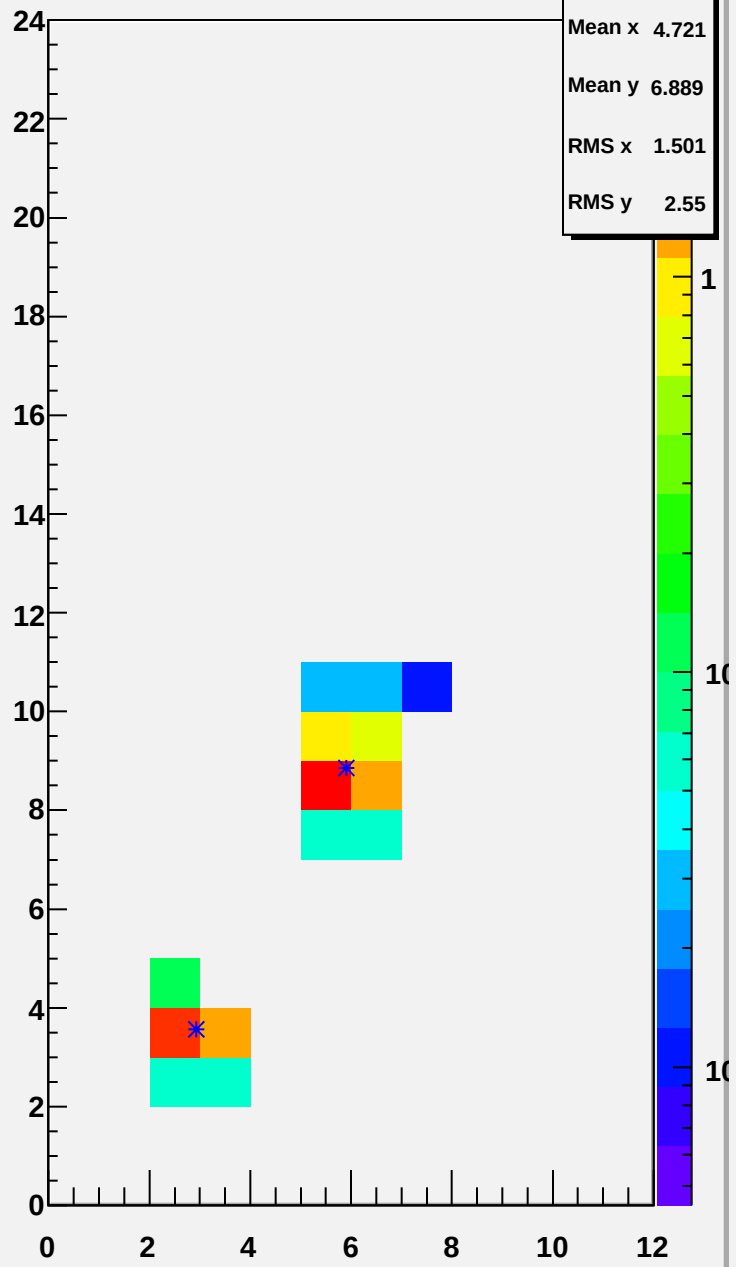
RMS x 1.084

RMS y 4.687

NSTB3_r4_c3_En=11.8_m0=0.203 m1=0.203 index=1708



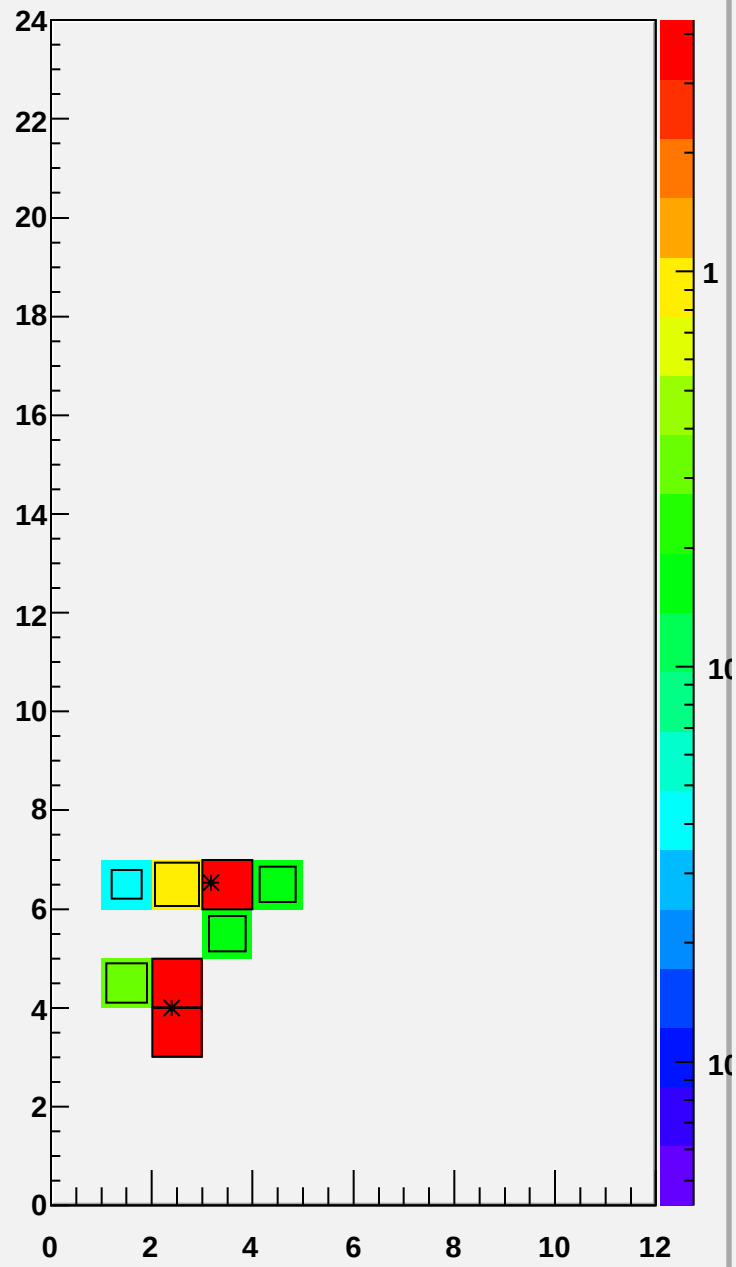
Fitted Energies



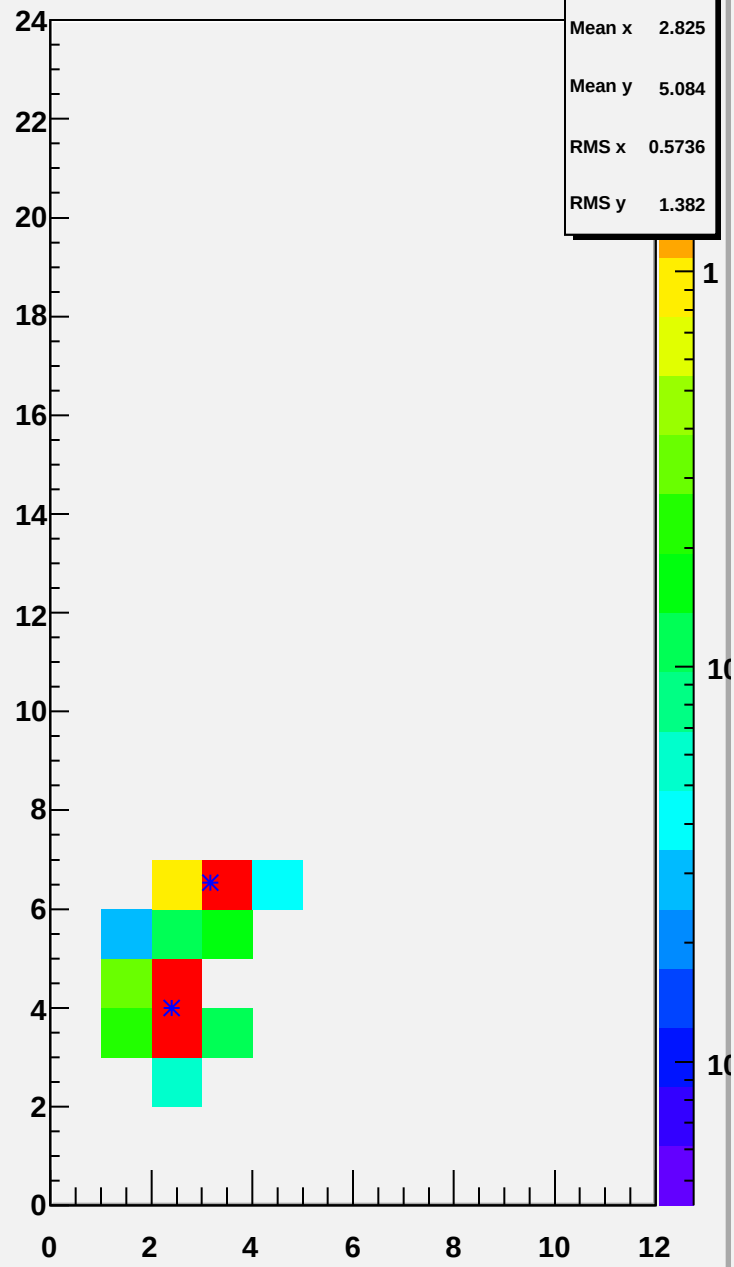
Efit

Entries 288
Mean x 4.721
Mean y 6.889
RMS x 1.501
RMS y 2.55

NSTB3_r4_c3_En=12.8_m0=0.101 m1=0.101 index=1709



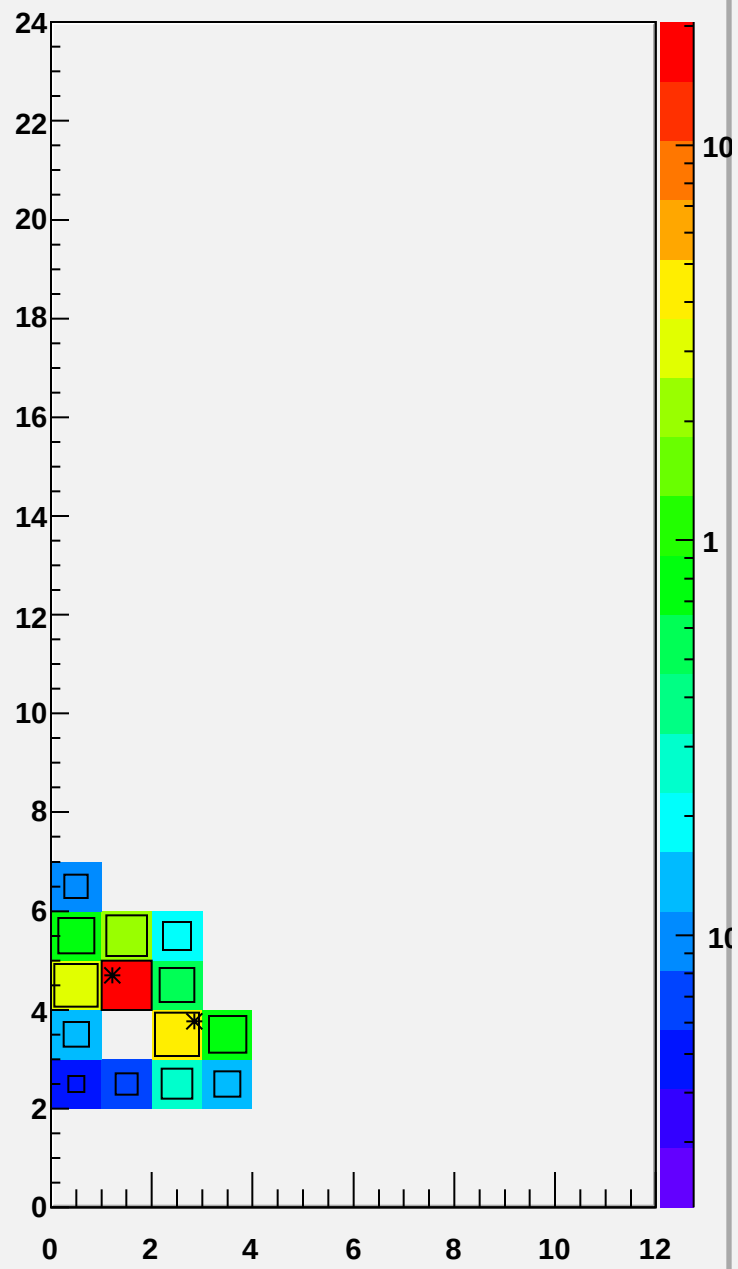
Fitted Energies



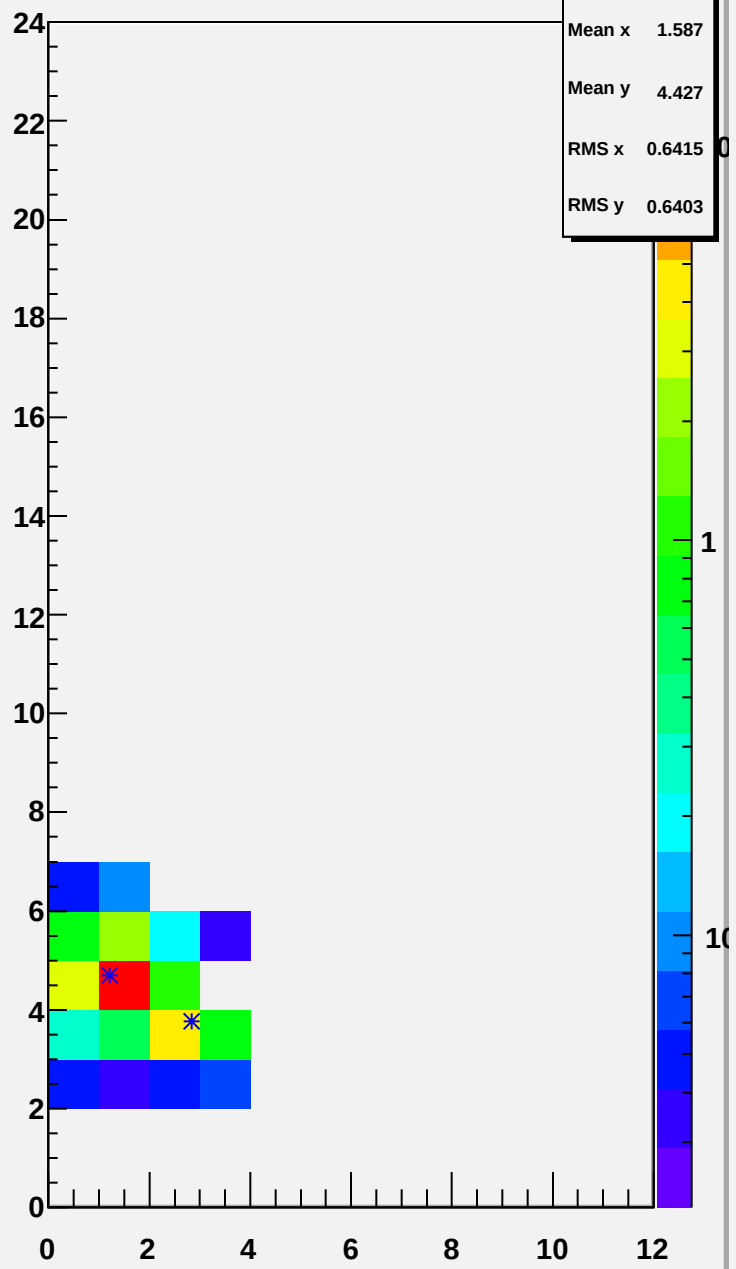
Efit

Entries	288
Mean x	2.825
Mean y	5.084
RMS x	0.5736
RMS y	1.382

NSTB3_r4_c3_En=32.9_m0=0.134 m1=0.134 index=1710



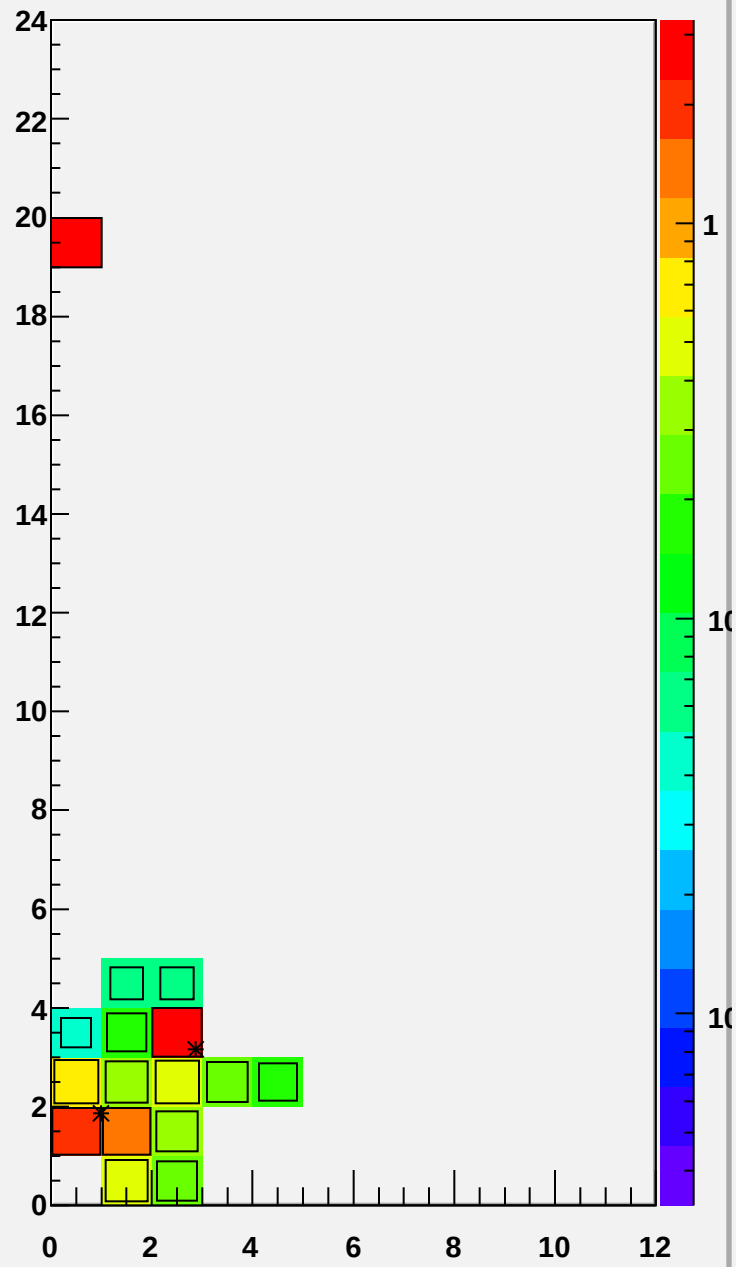
Fitted Energies



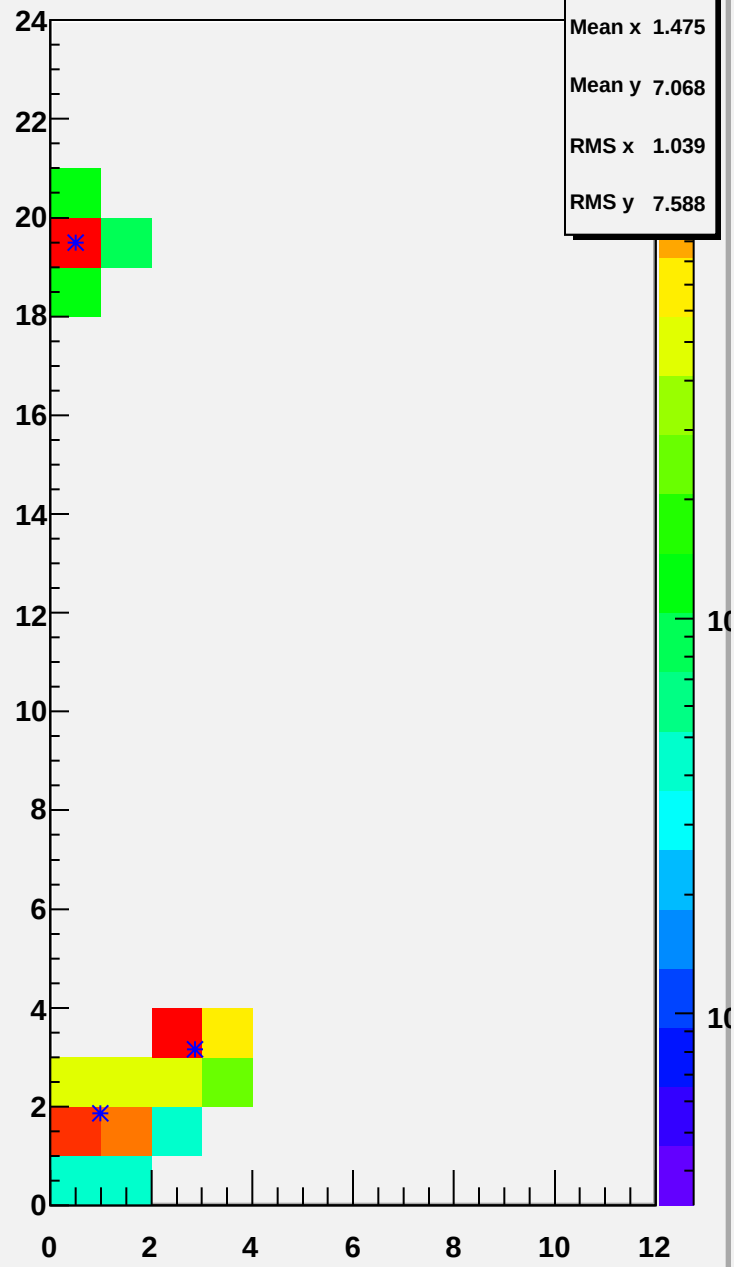
Efit

Entries	288
Mean x	1.587
Mean y	4.427
RMS x	0.6415
RMS y	0.6403

NSTB3_r4_c3_En=12.7_m0=0.056 m1=0.056 index=1711



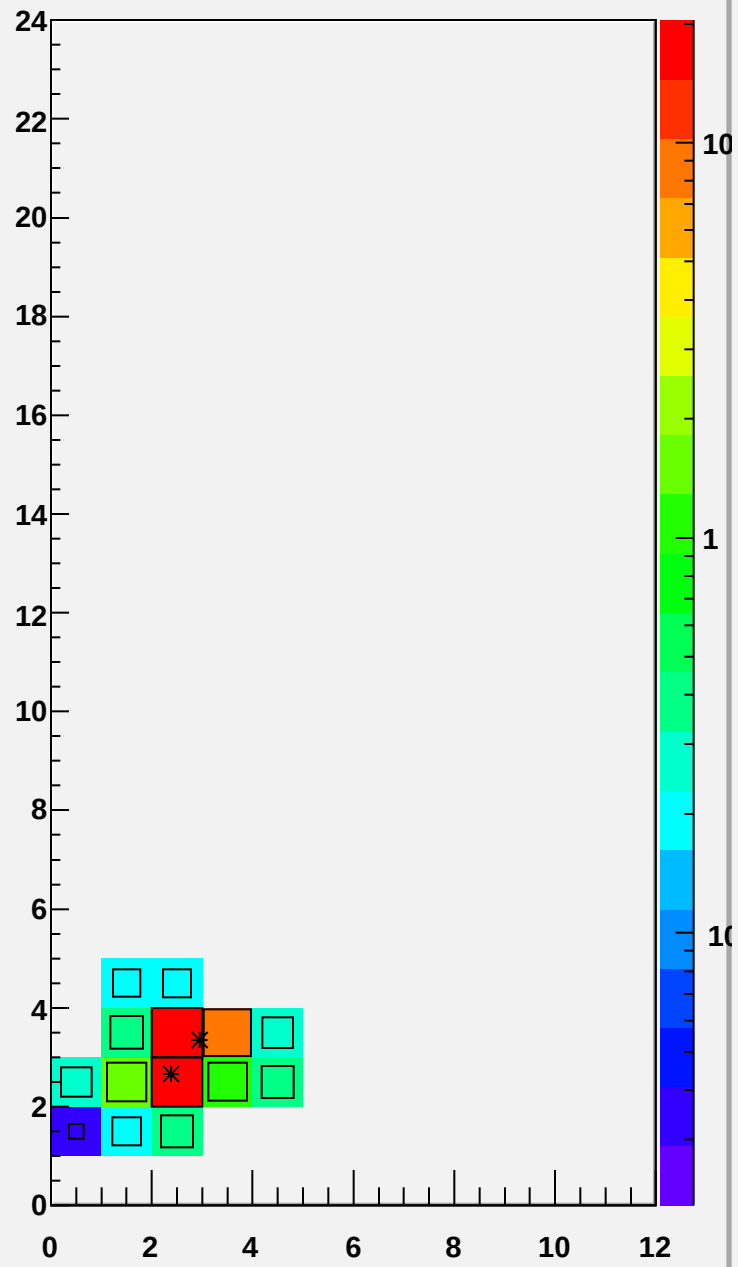
Fitted Energies



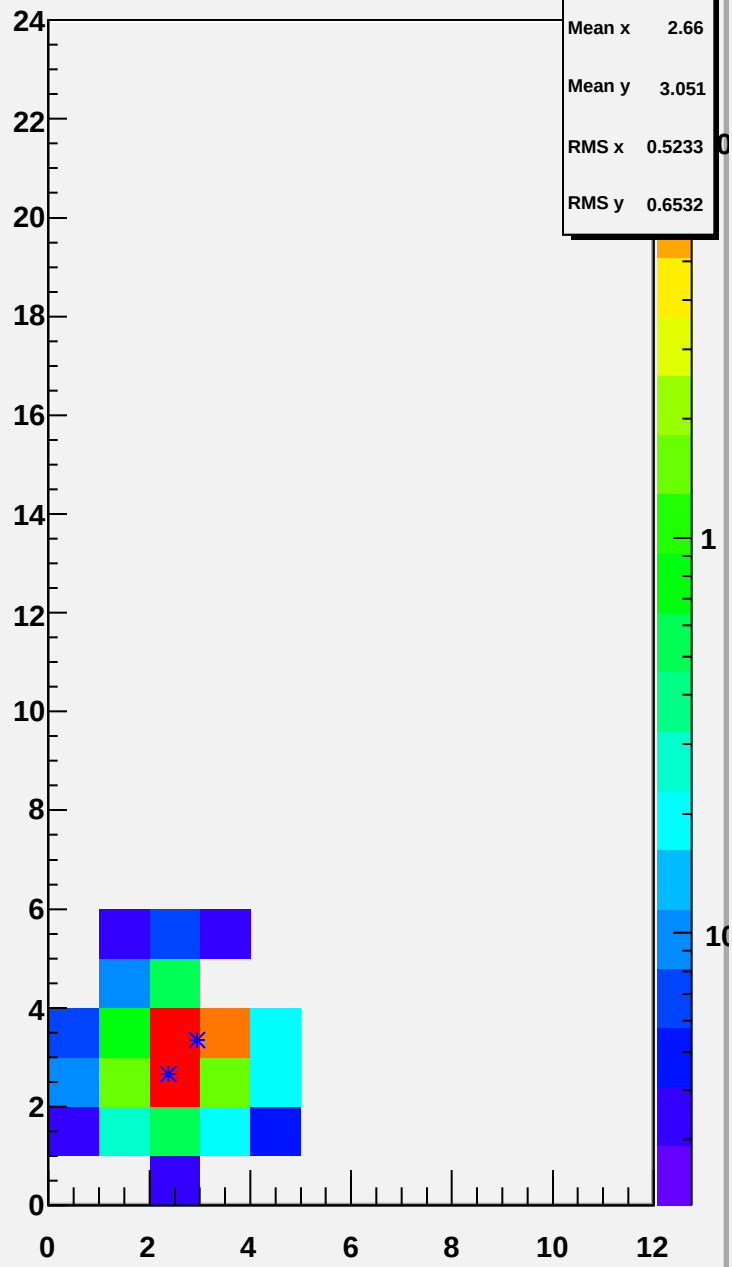
Efit

Entries 288
Mean x 1.475
Mean y 7.068
RMS x 1.039
RMS y 7.588

NSTB3_r4_c3_En=53.4_m0=0.130_m1=0.130_index=1712



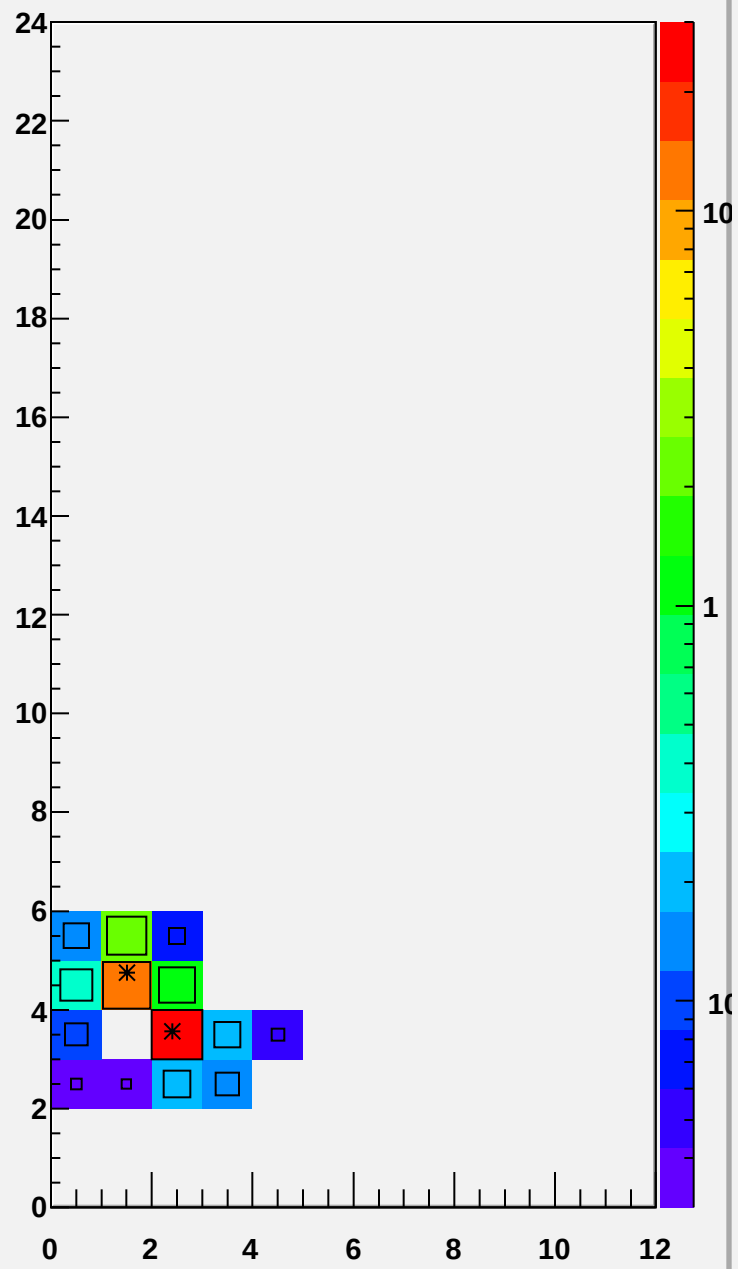
Fitted Energies



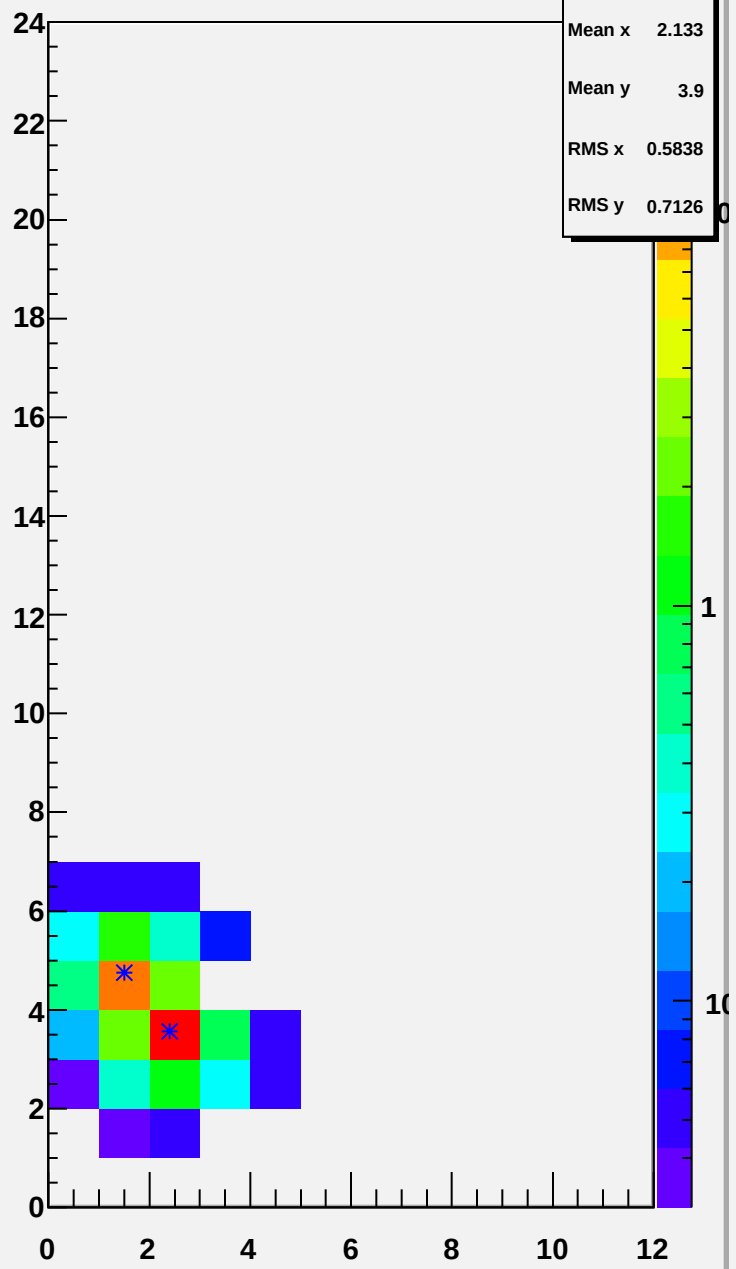
Efit

Entries	288
Mean x	2.66
Mean y	3.051
RMS x	0.5233
RMS y	0.6532

NSTB3_r4_c3_En=48.3_m0=0.204 m1=0.205 index=1713



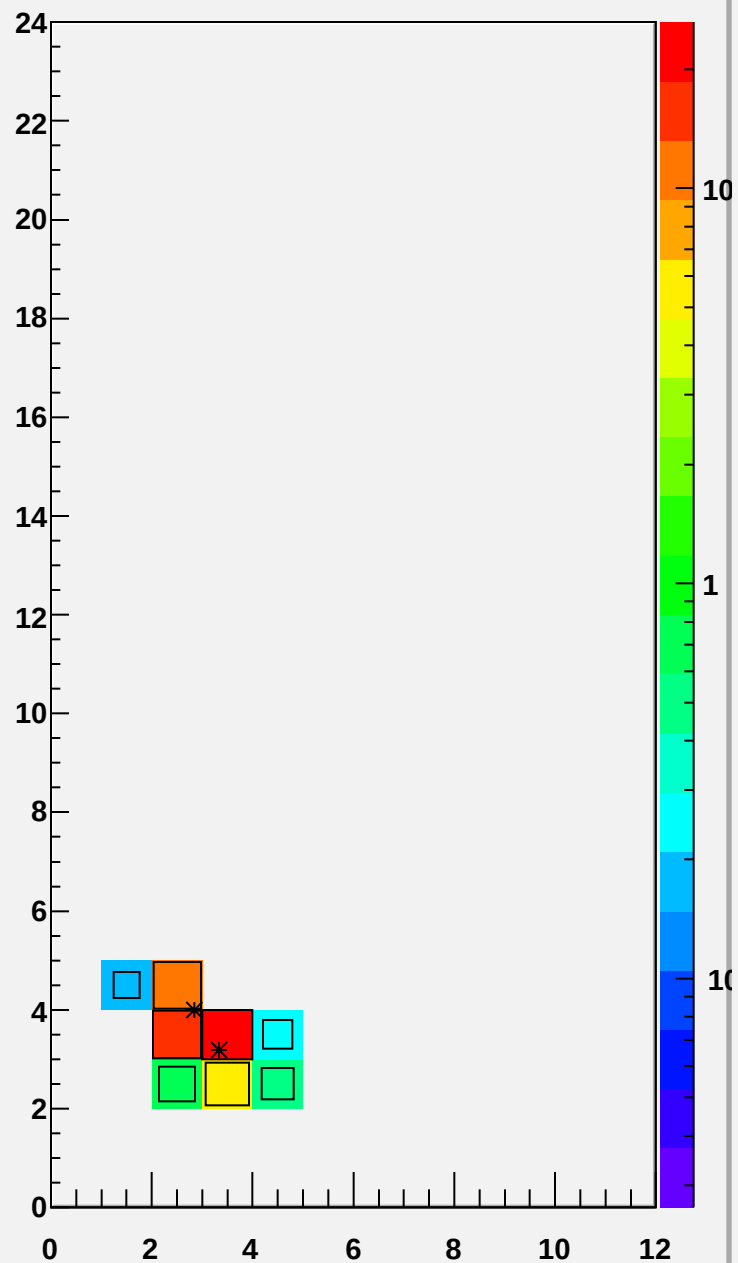
Fitted Energies



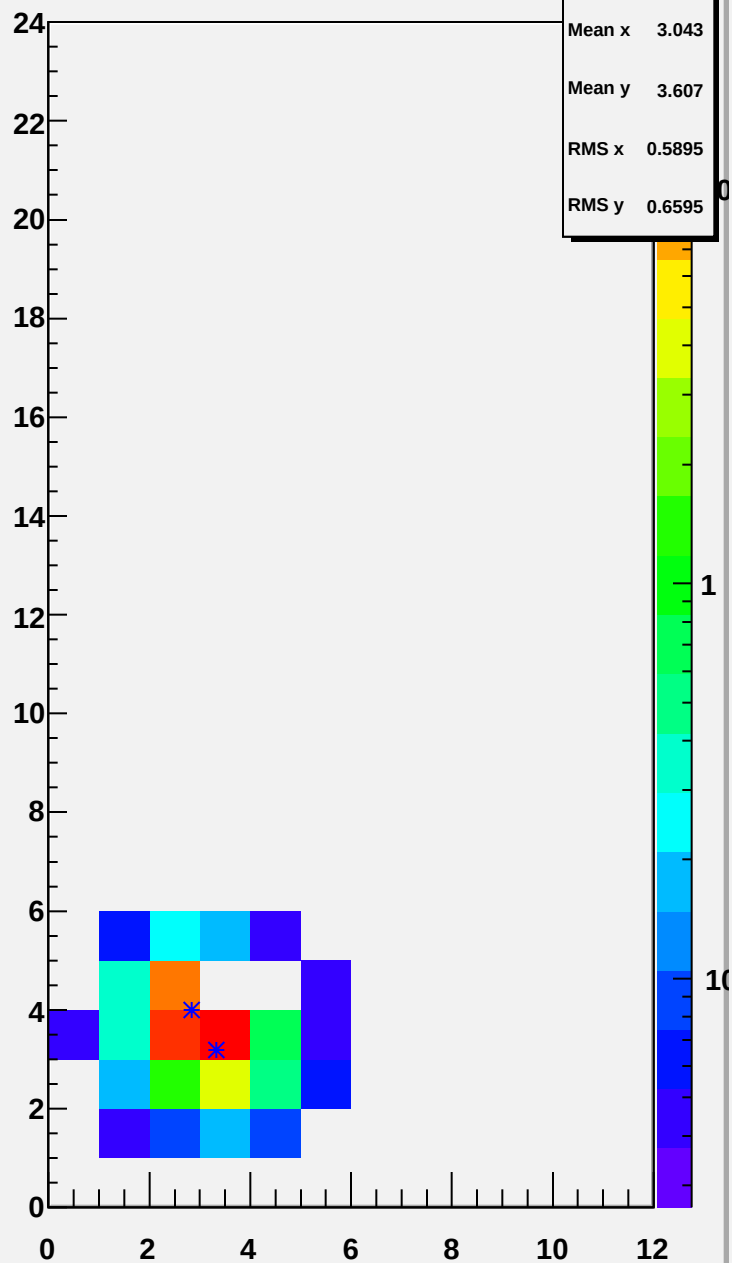
Efit

Entries	288
Mean x	2.133
Mean y	3.9
RMS x	0.5838
RMS y	0.7126

NSTB3_r4_c3_En=58.6_m0=0.169 m1=0.168 index=1714



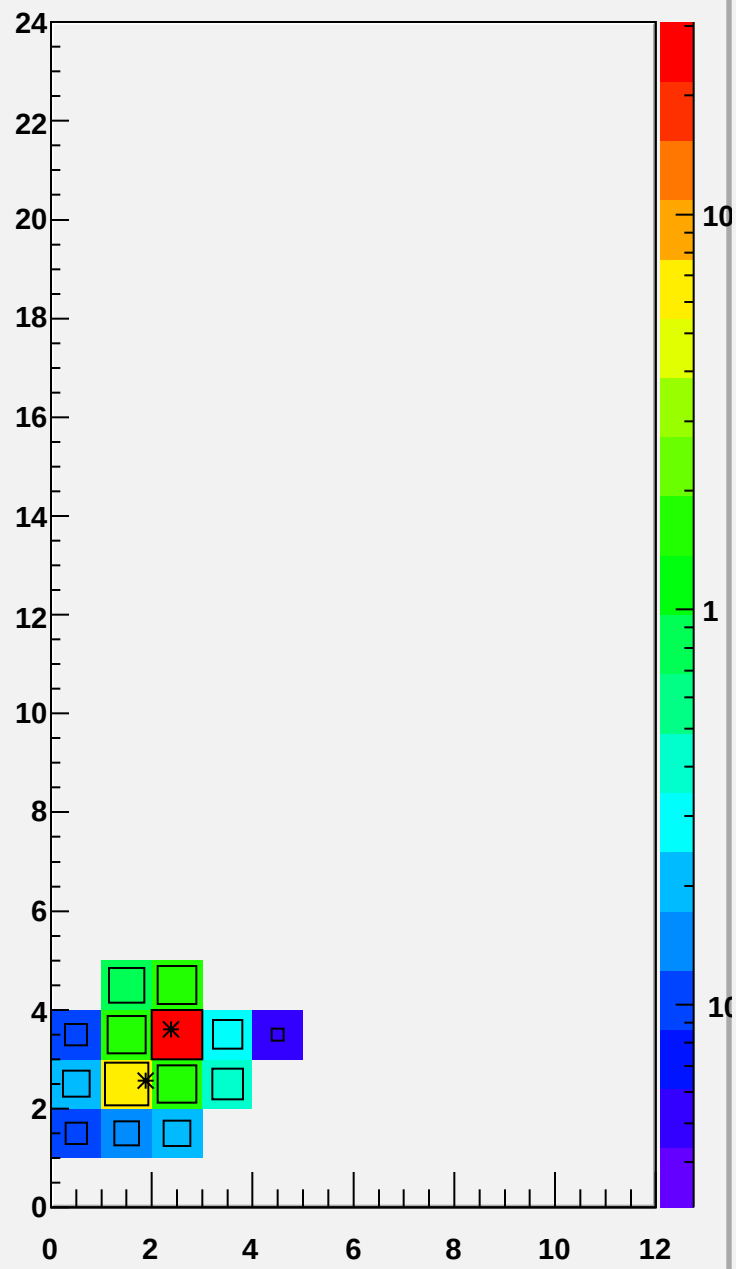
Fitted Energies



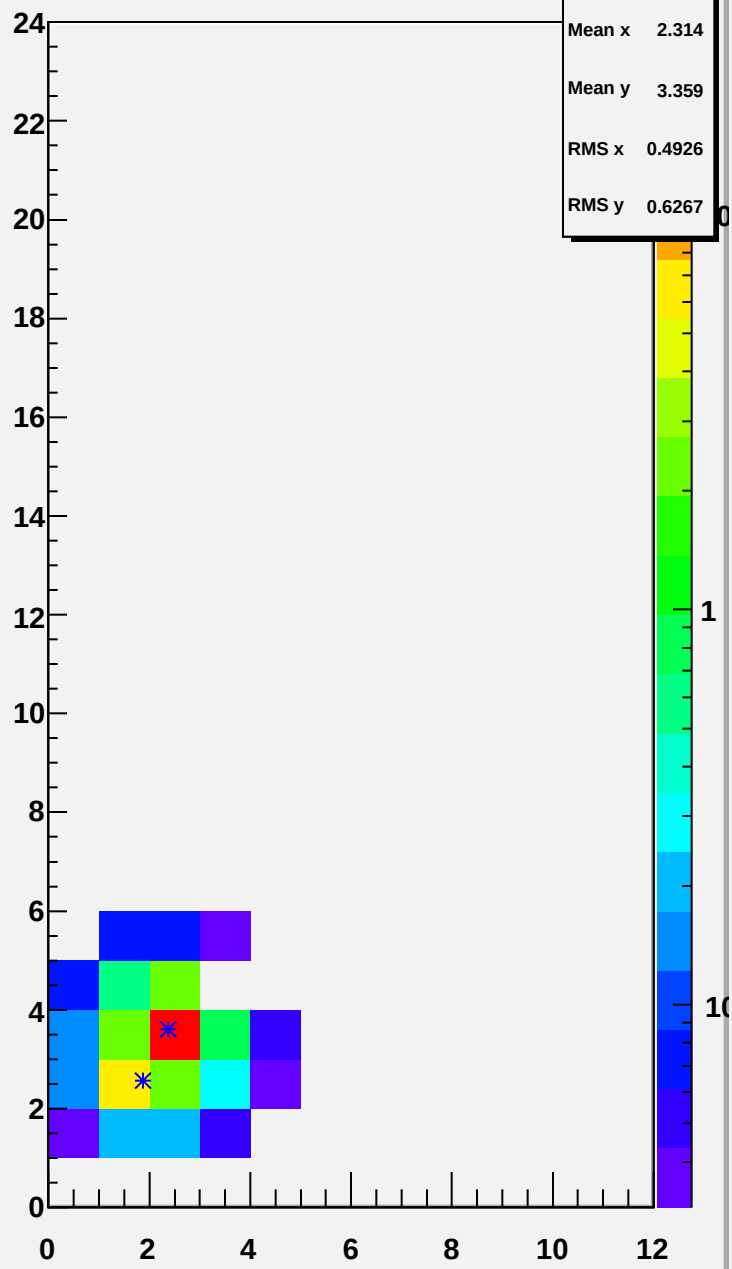
Efit

Entries	288
Mean x	3.043
Mean y	3.607
RMS x	0.5895
RMS y	0.6595

NSTB3_r4_c3_En=43.9_m0=0.113 m1=0.113 index=1715



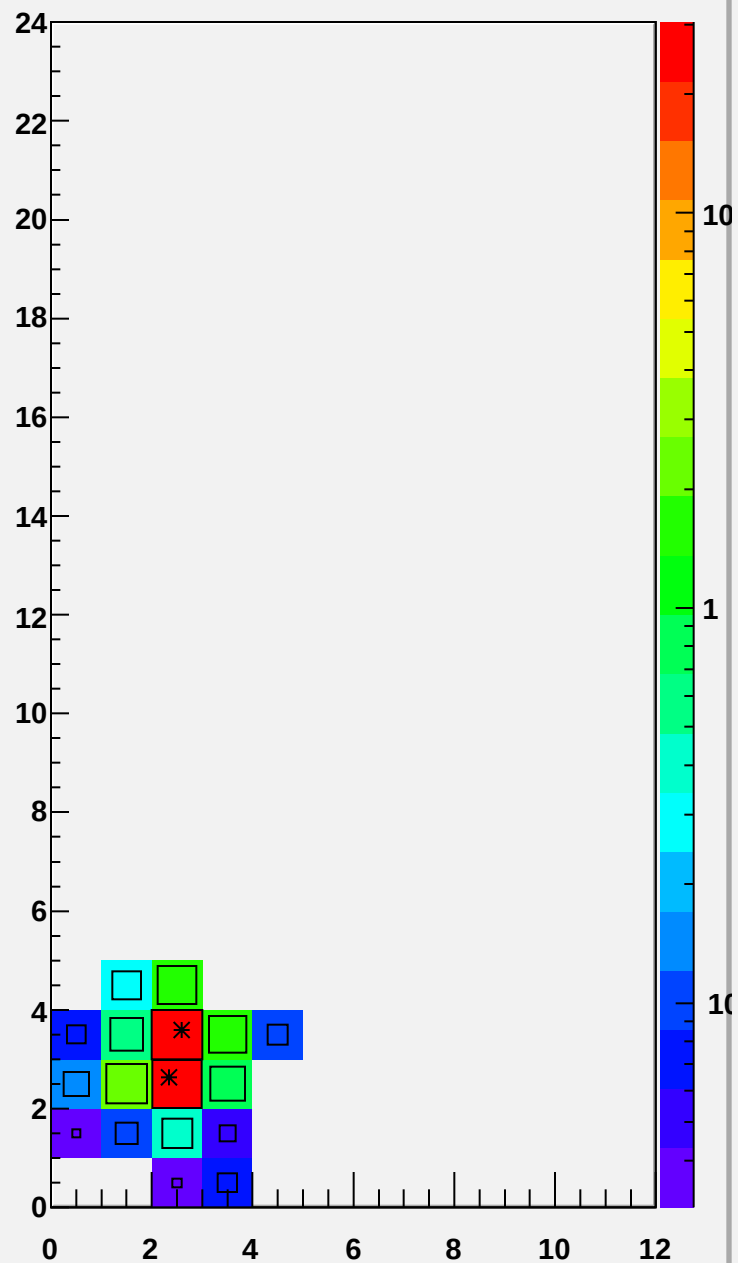
Fitted Energies



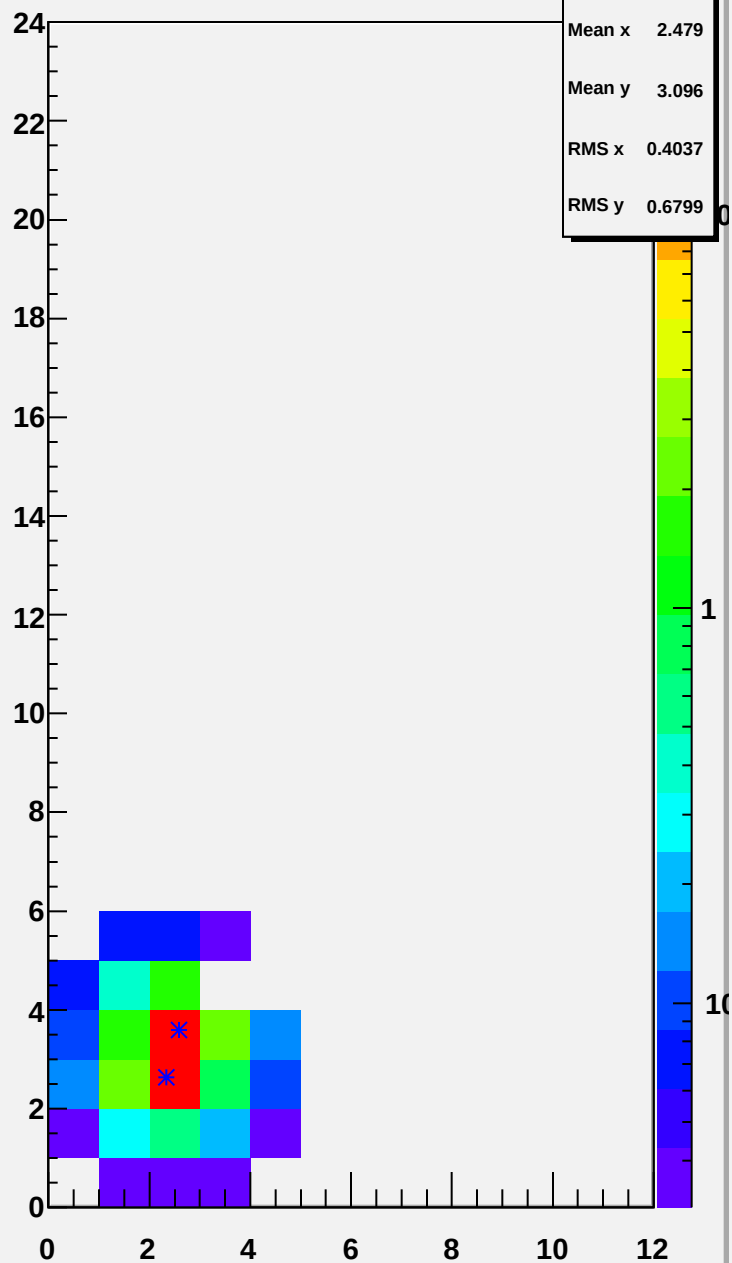
Efit

Entries	288
Mean x	2.314
Mean y	3.359
RMS x	0.4926
RMS y	0.6267

NSTB3_r4_c3_En=61.8_m0=0.169 m1=0.169 index=1716



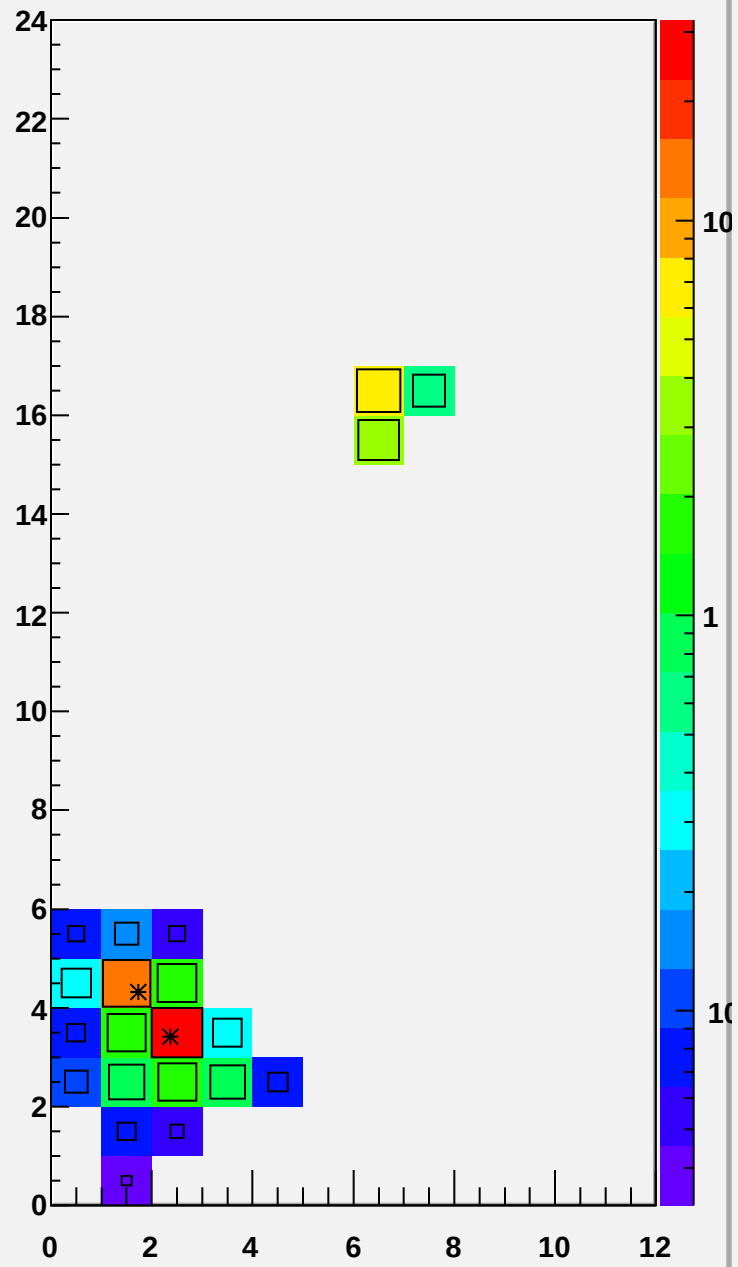
Fitted Energies



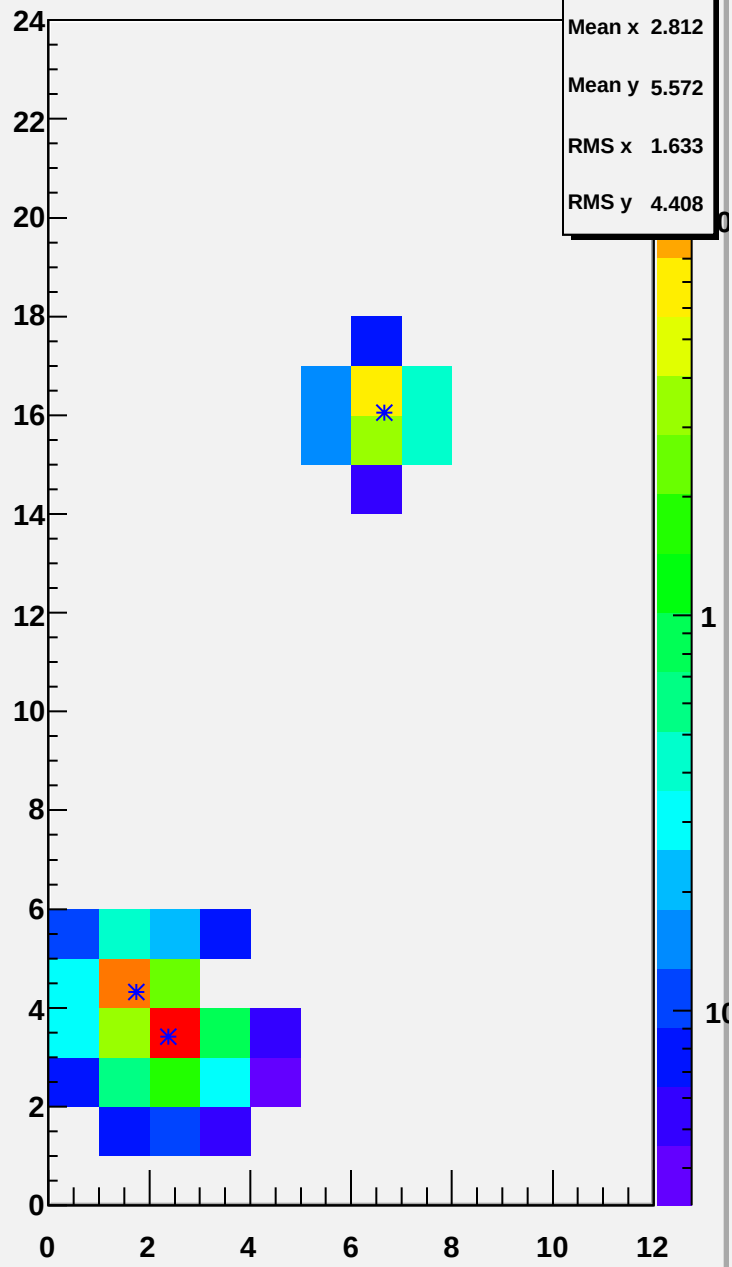
Efit

Entries	288
Mean x	2.479
Mean y	3.096
RMS x	0.4037
RMS y	0.6799

NSTB3_r4_c3_En=64.3_m0=0.165 m1=0.165 index=1717



Fitted Energies



Efit

Entries 288

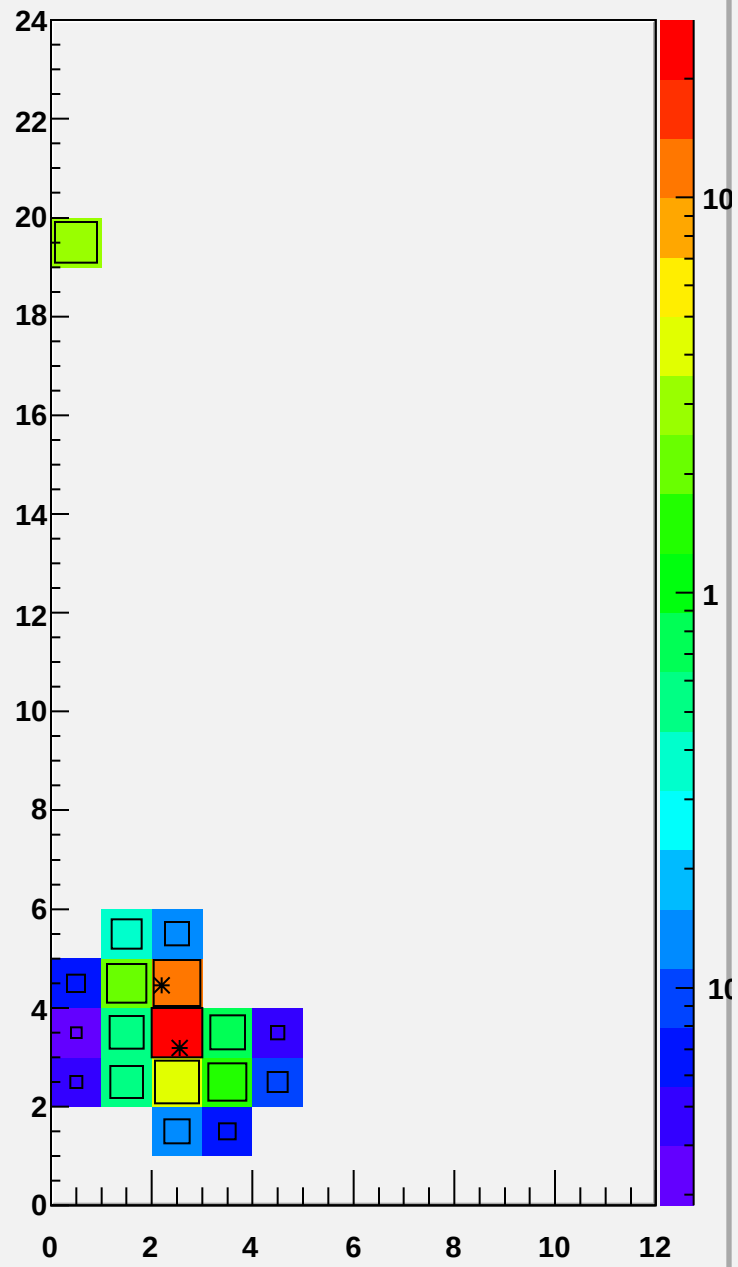
Mean x 2.812

Mean y 5.572

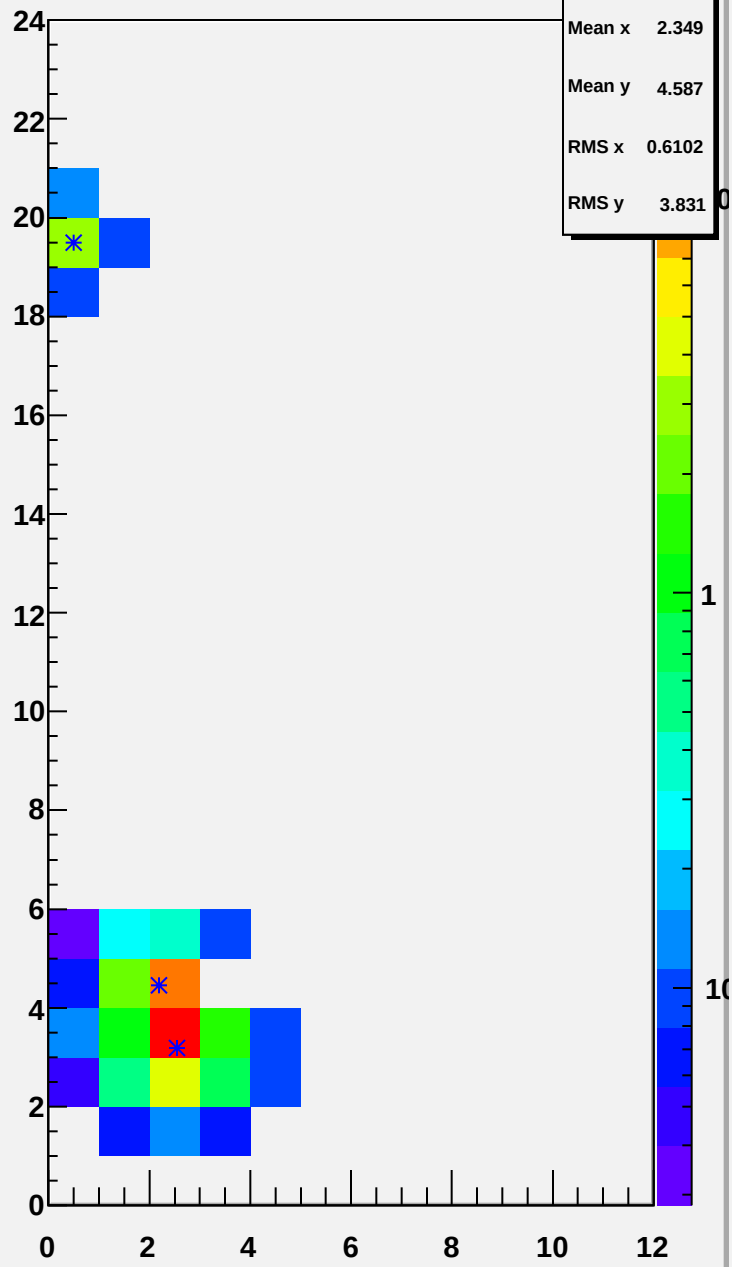
RMS x 1.633

RMS y 4.408

NSTB3_r4_c3_En=52.9_m0=0.158 m1=0.158 index=1718



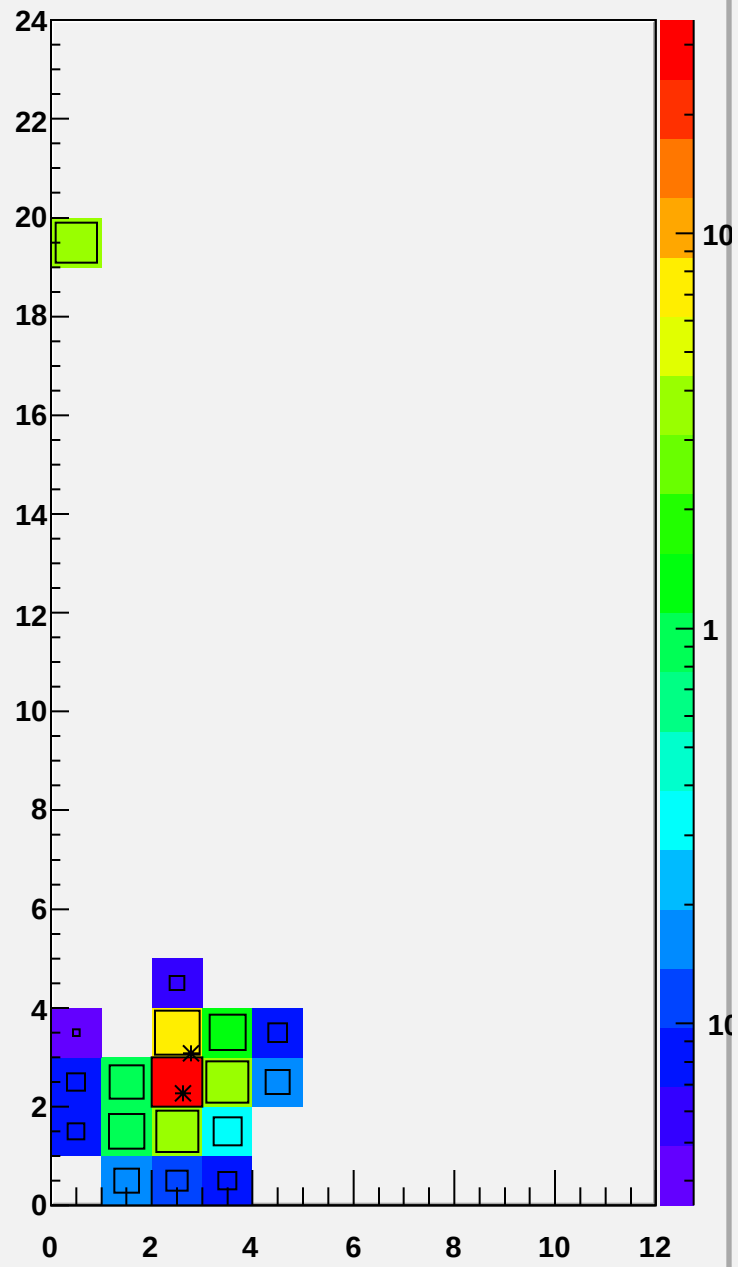
Fitted Energies



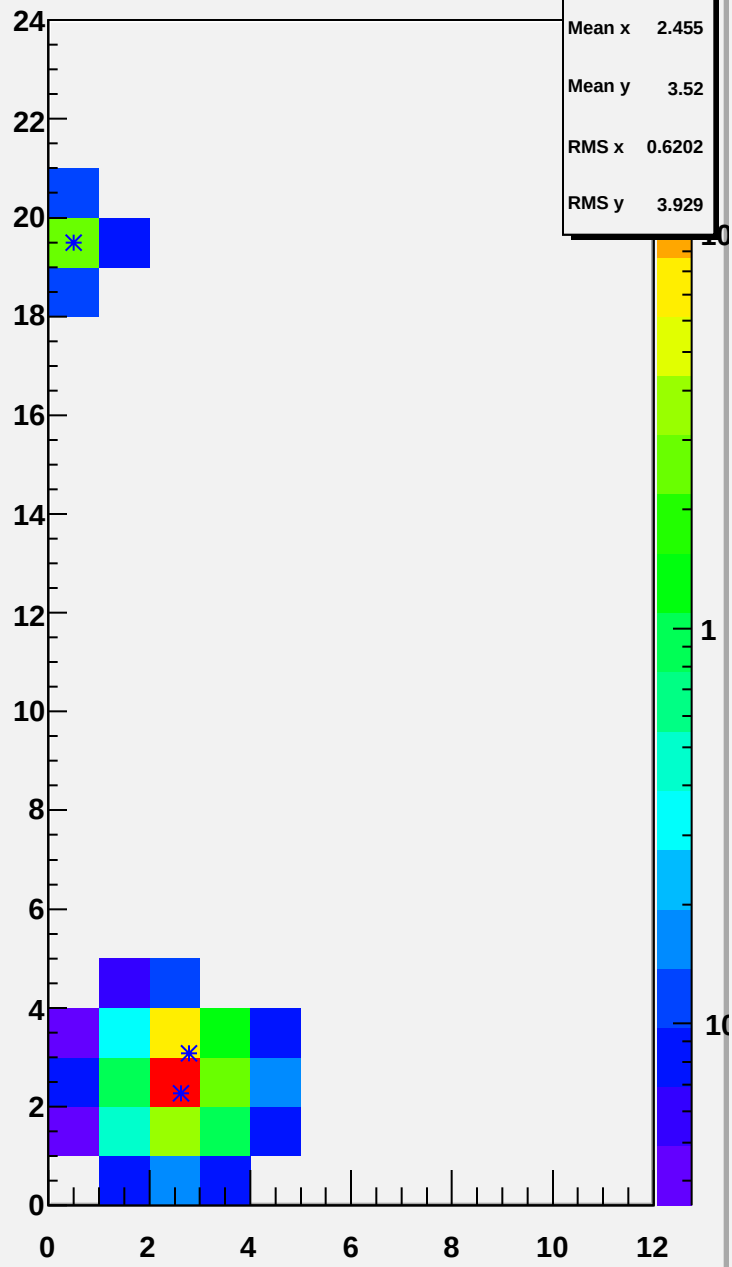
Efit

Entries	288
Mean x	2.349
Mean y	4.587
RMS x	0.6102
RMS y	3.831

NSTB3_r4_c3_En=58.2_m0=0.101 m1=0.101 index=1719



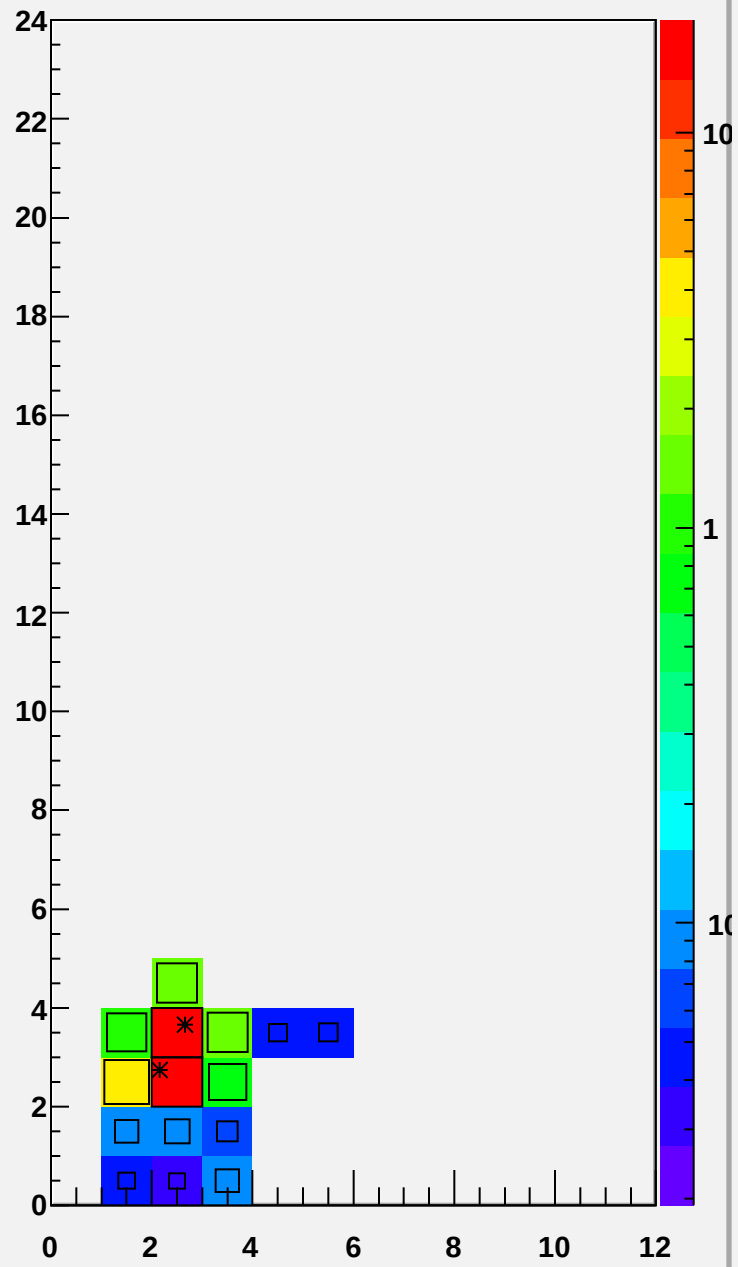
Fitted Energies



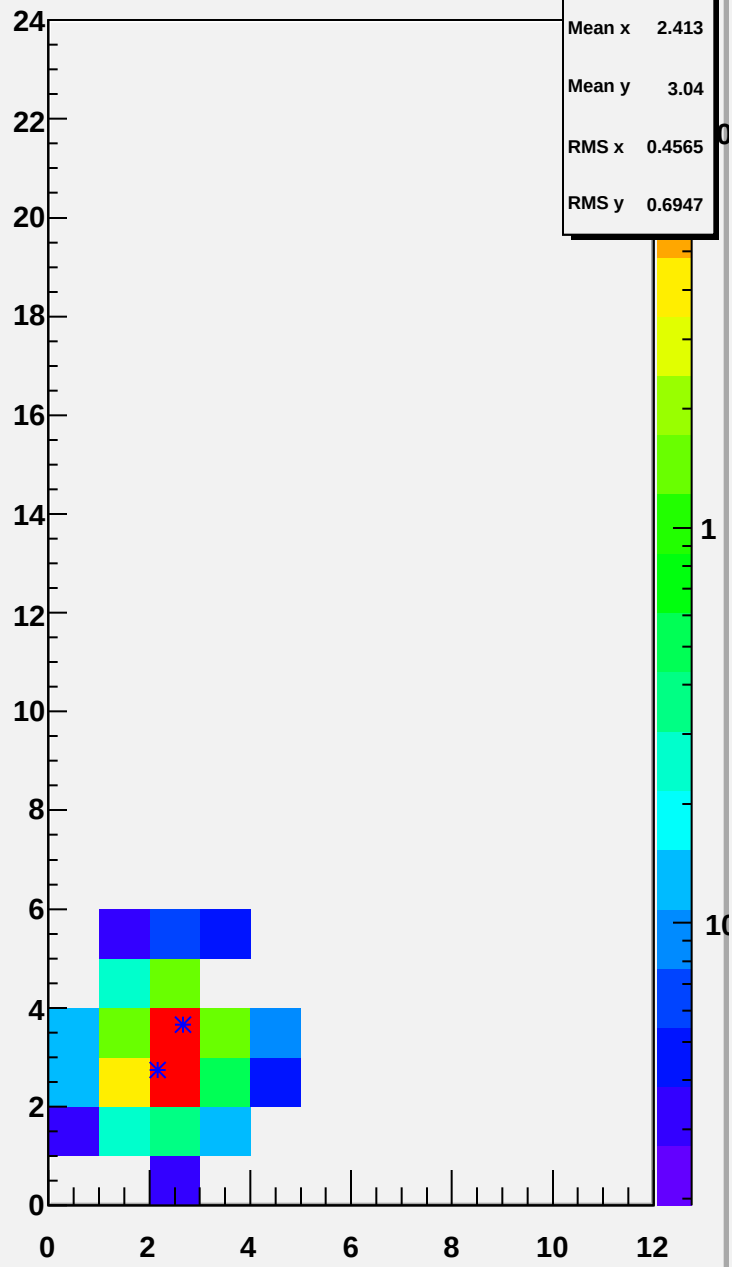
Efit

Entries	288
Mean x	2.455
Mean y	3.52
RMS x	0.6202
RMS y	3.929

NSTB3_r4_c3_En=47.6_m0=0.138 m1=0.138 index=1720



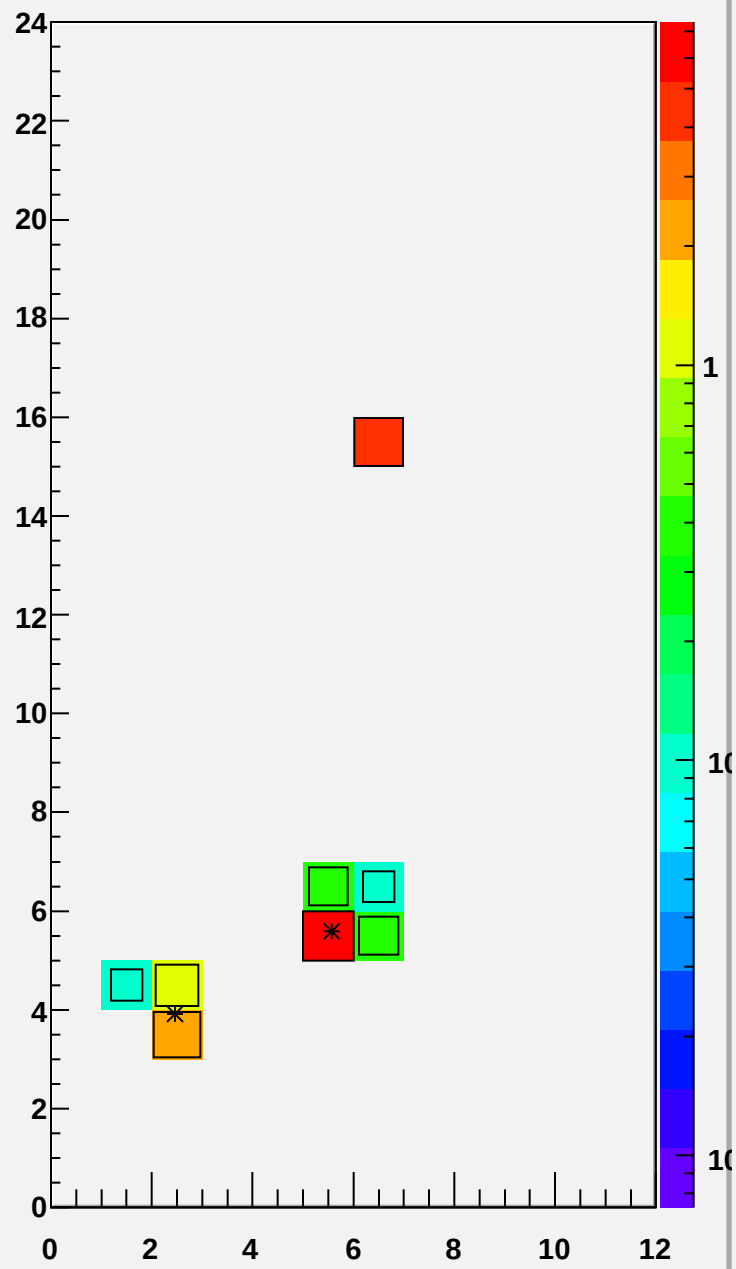
Fitted Energies



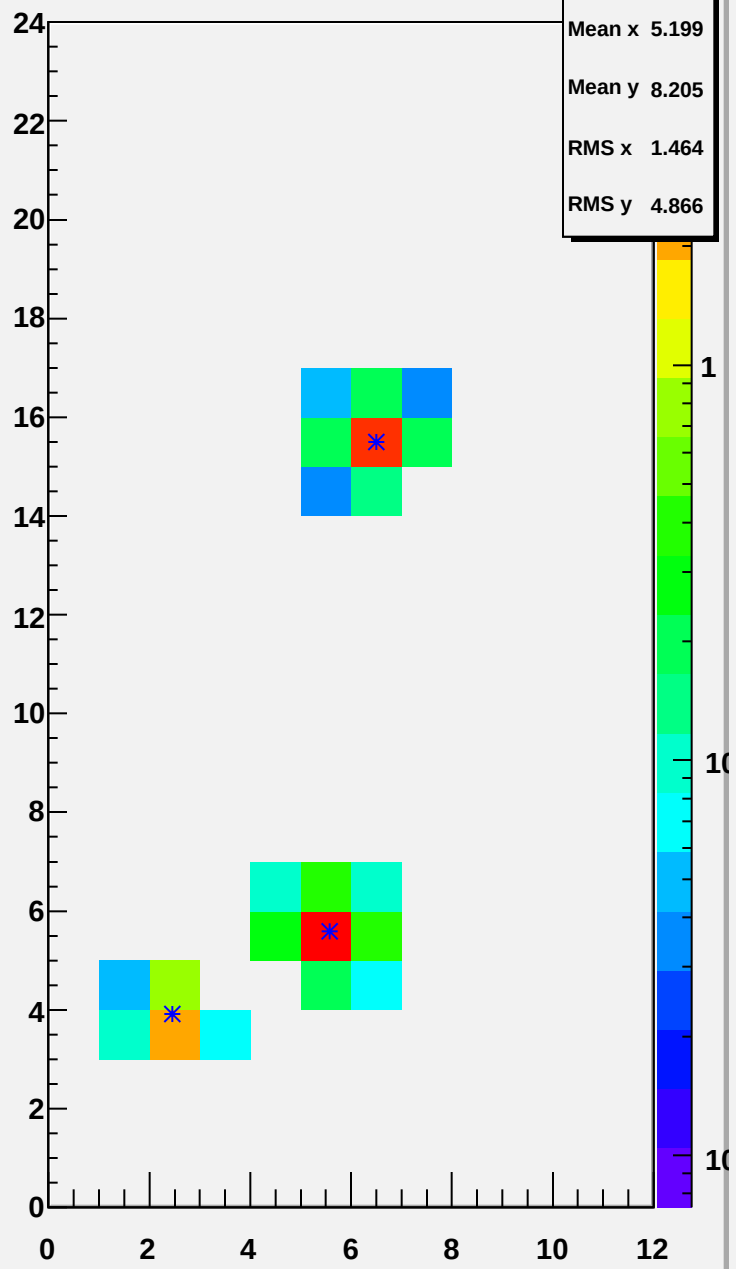
Efit

Entries	288
Mean x	2.413
Mean y	3.04
RMS x	0.4565
RMS y	0.6947

NSTB3_r4_c3_En=16.9_m0=0.115_m1=0.115_index=1721



Fitted Energies



Efit

Entries 288

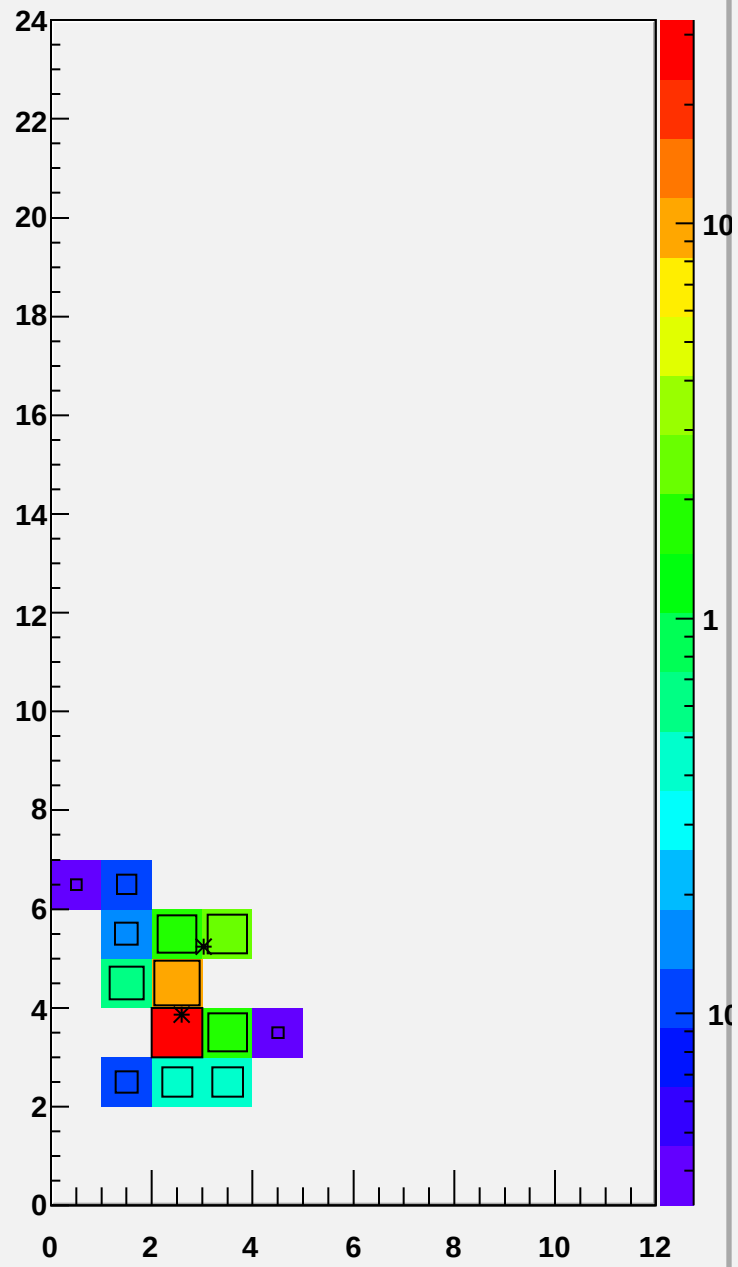
Mean x 5.199

Mean y 8.205

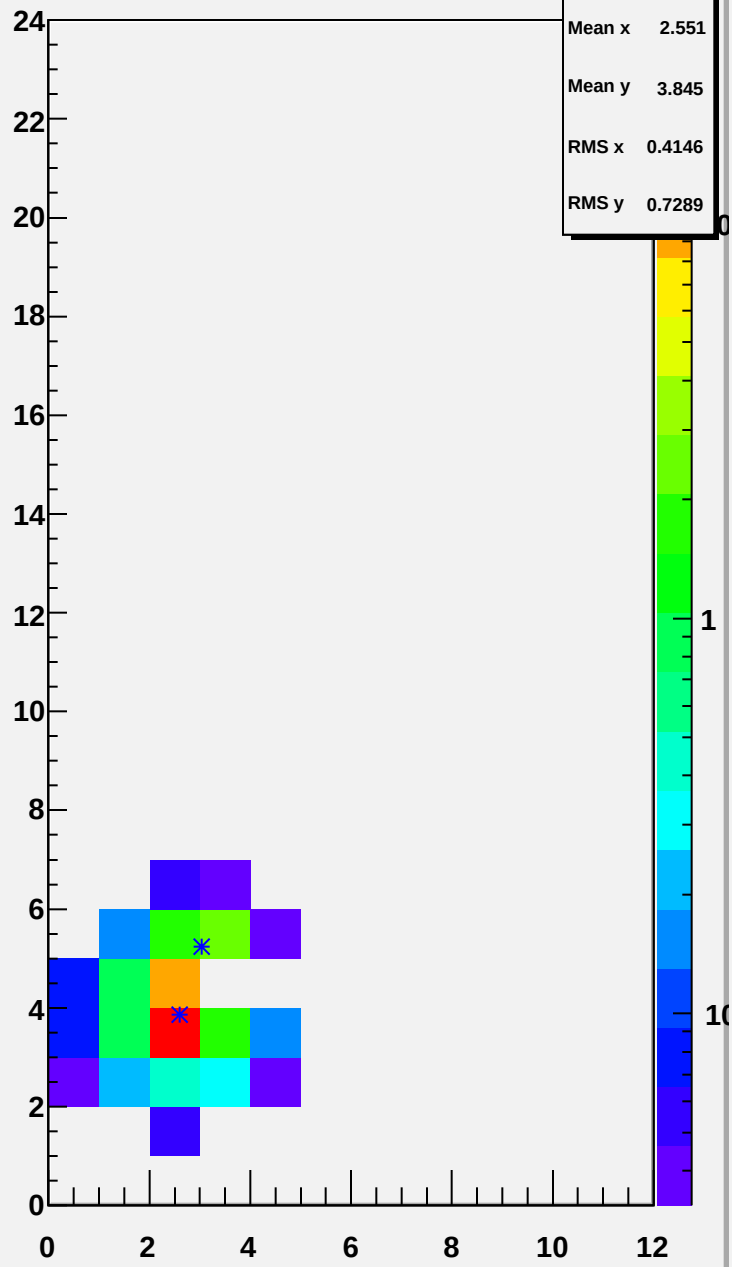
RMS x 1.464

RMS y 4.866

NSTB3_r4_c3_En=49.4_m0=0.115_m1=0.115_index=1722



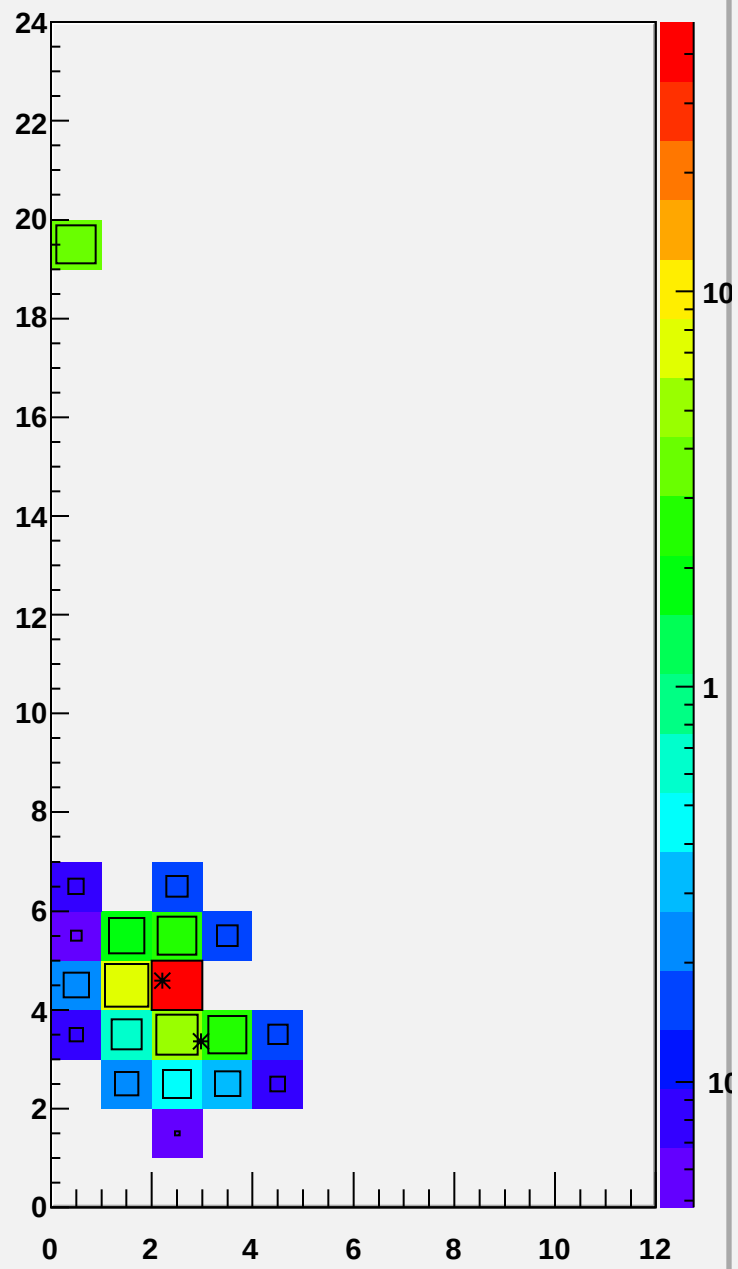
Fitted Energies



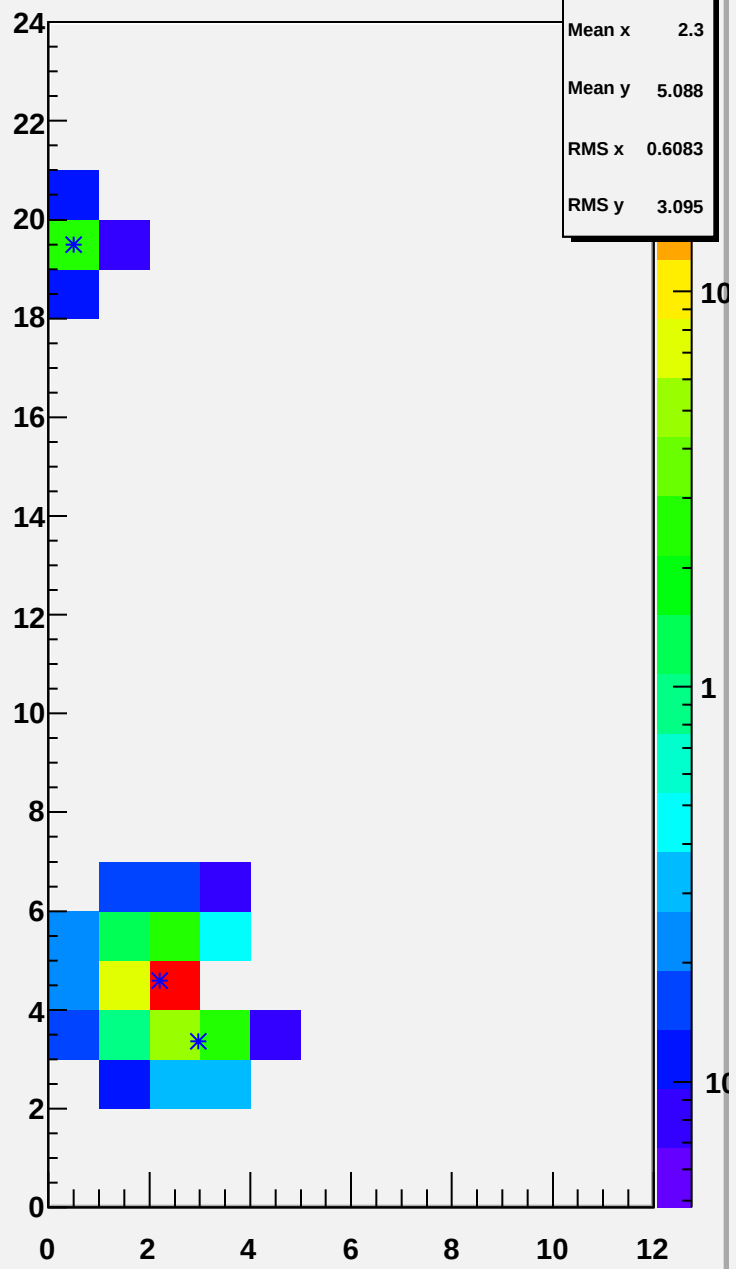
Efit

Entries	288
Mean x	2.551
Mean y	3.845
RMS x	0.4146
RMS y	0.7289

NSTB3_r4_c3_En=74.2_m0=0.162 m1=0.163 index=1723



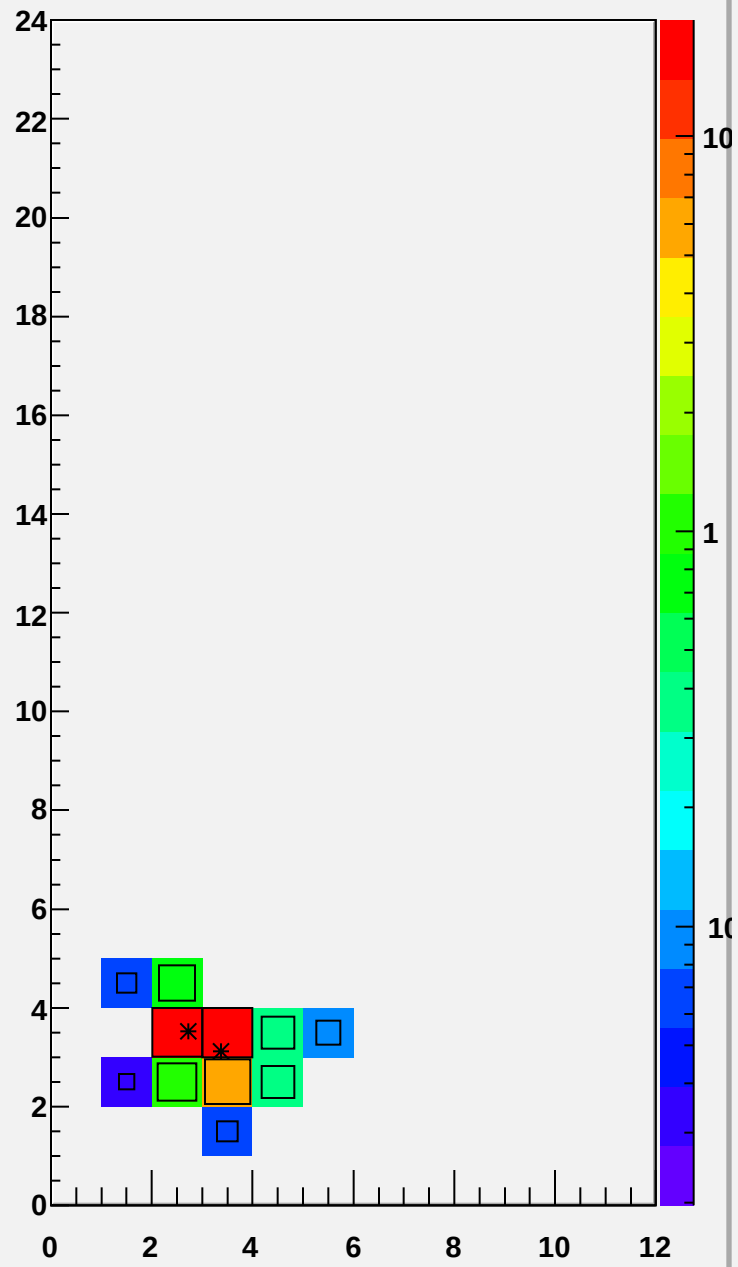
Fitted Energies



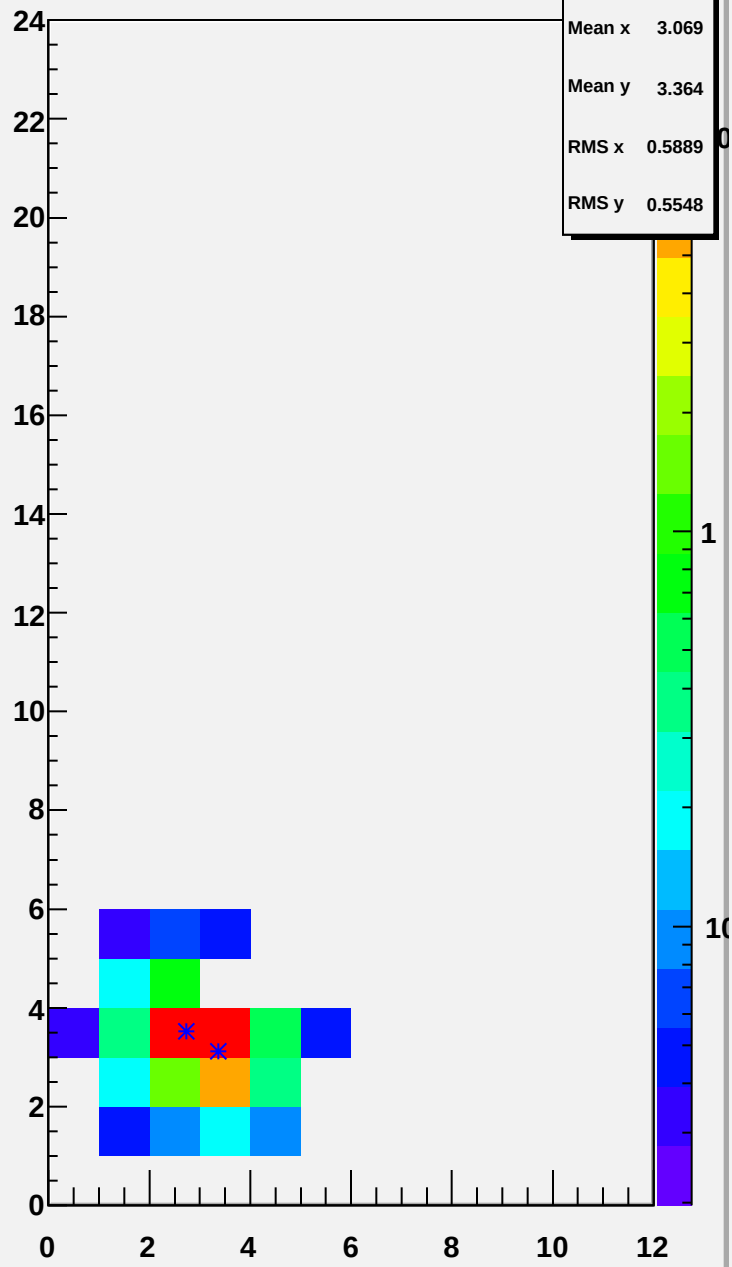
Efit

Entries	288
Mean x	2.3
Mean y	5.088
RMS x	0.6083
RMS y	3.095

NSTB3_r4_c3_En=45.1_m0=0.096 m1=0.096 index=1724



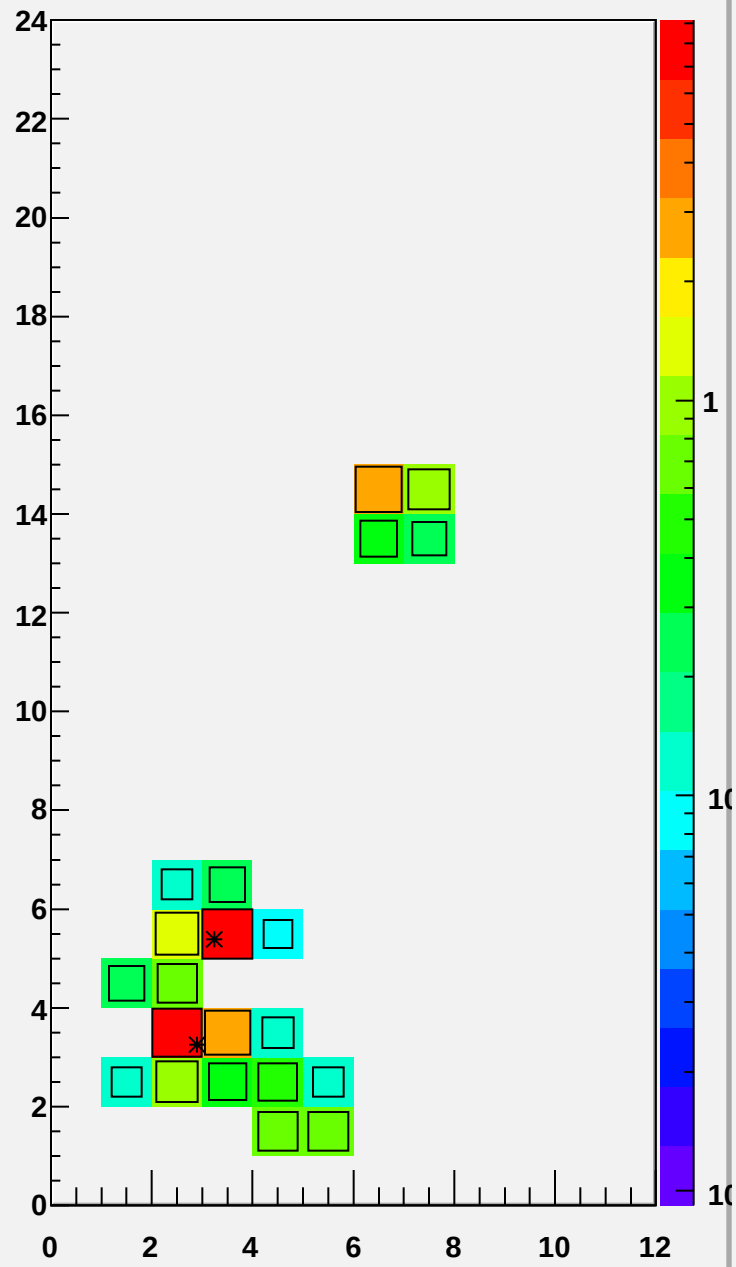
Fitted Energies



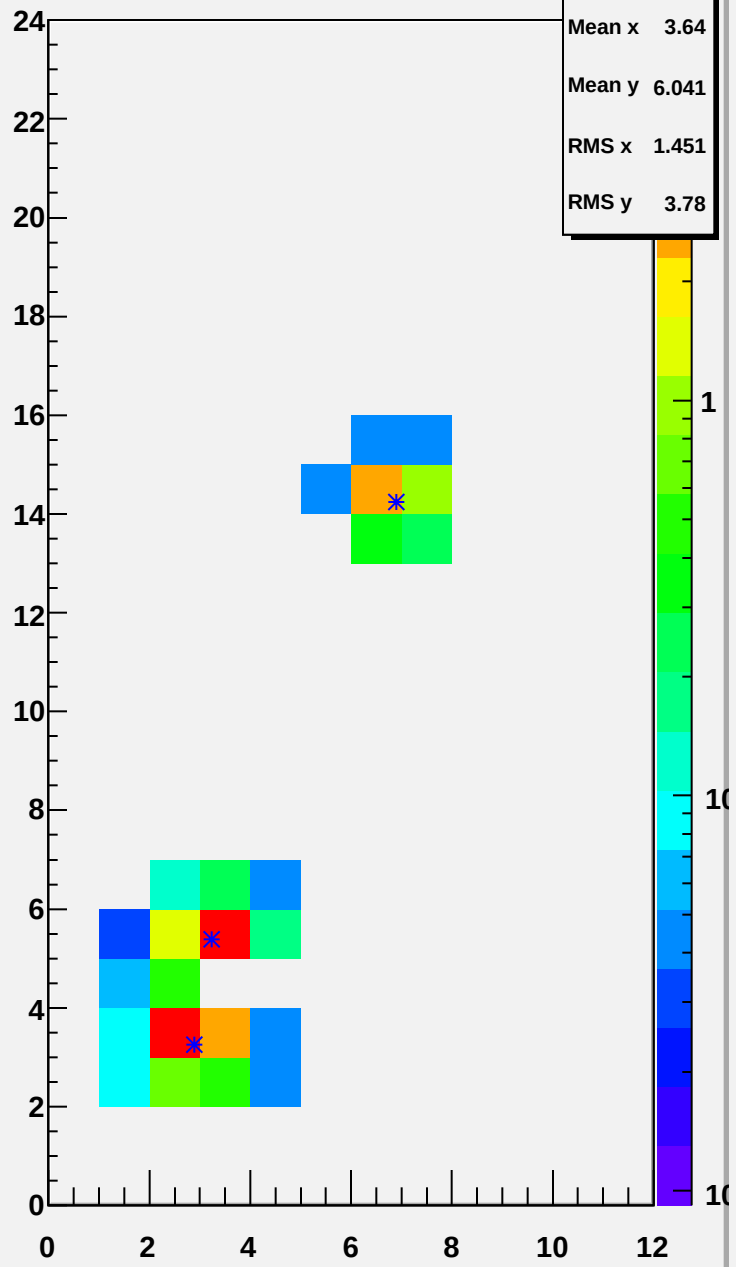
Efit

Entries	288
Mean x	3.069
Mean y	3.364
RMS x	0.5889
RMS y	0.5548

NSTB3_r4_c3_En=29.0_m0=0.139 m1=0.139 index=1725



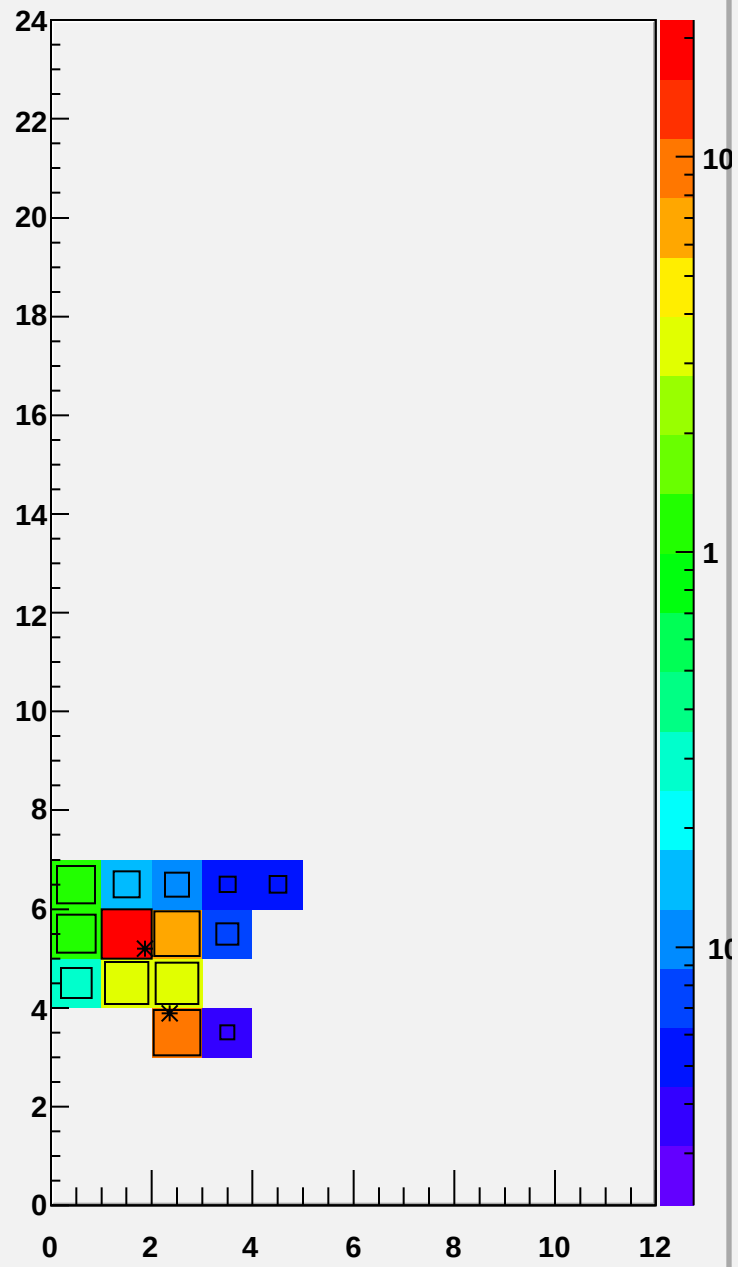
Fitted Energies



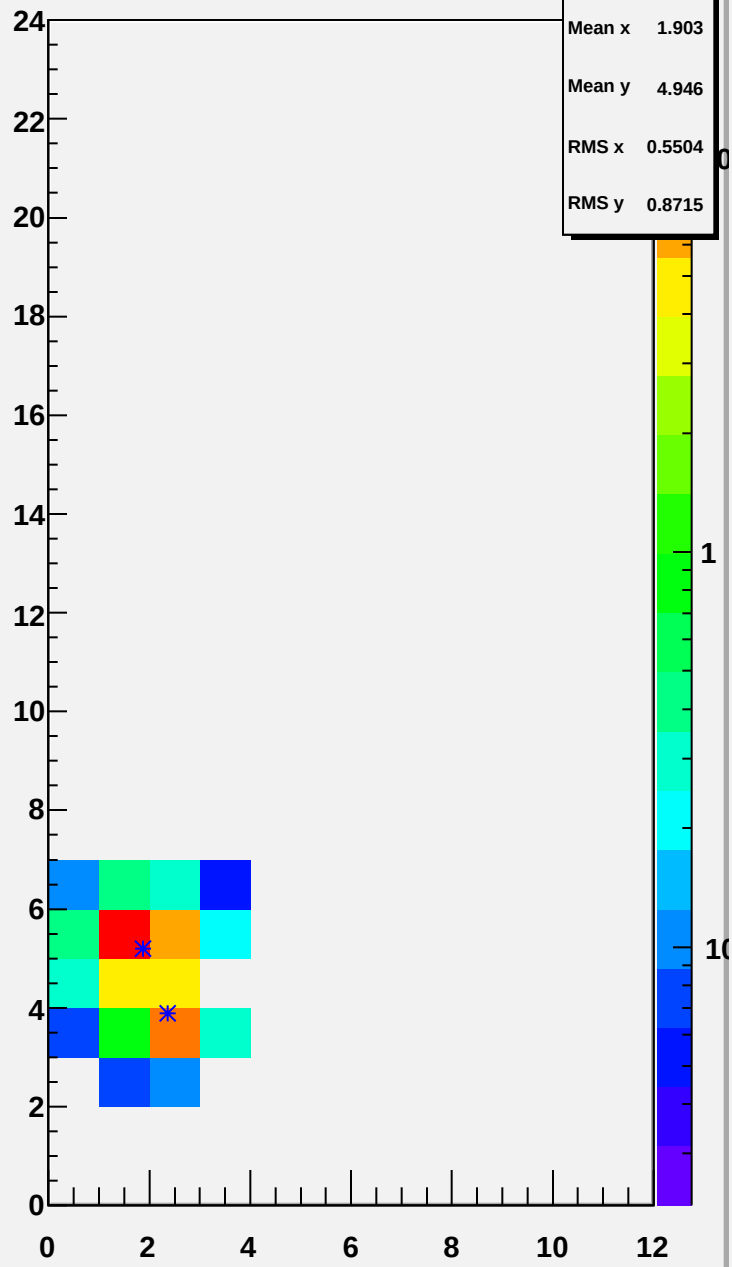
Efit

Entries 288
Mean x 3.64
Mean y 6.041
RMS x 1.451
RMS y 3.78

NSTB3_r4_c3_En=46.0_m0=0.161 m1=0.161 index=1726



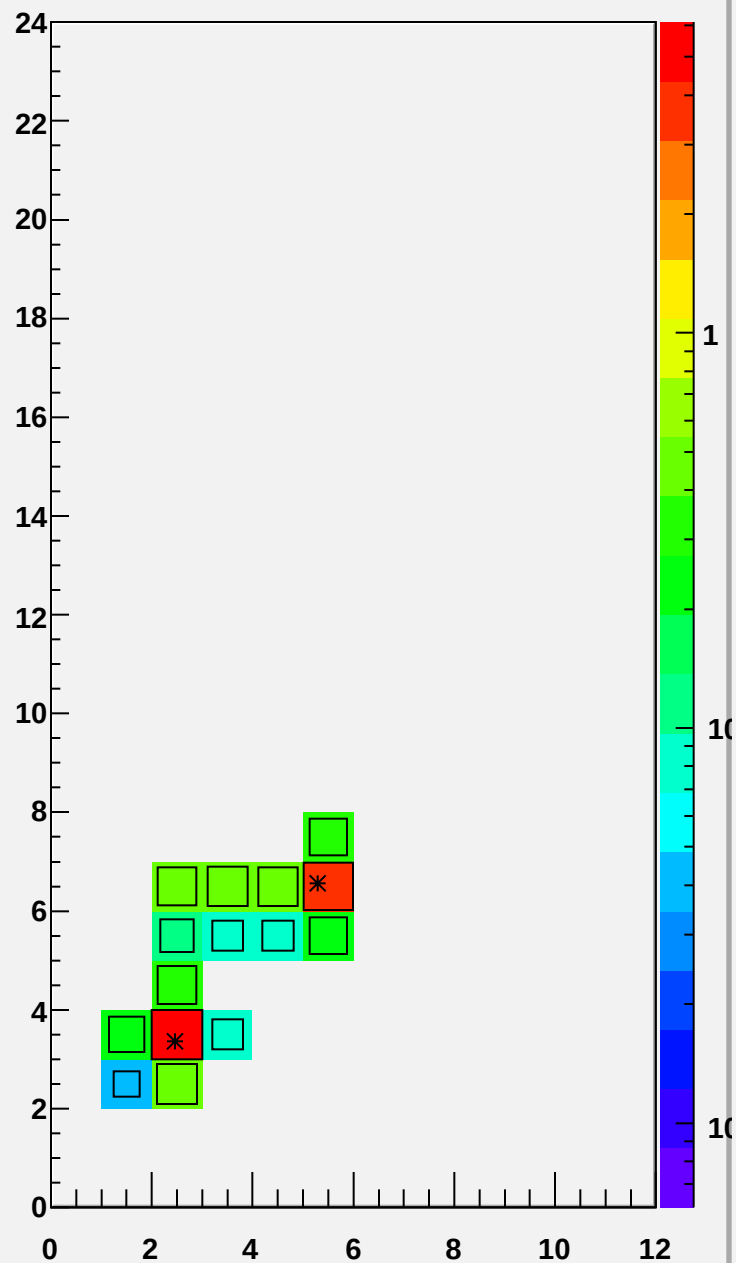
Fitted Energies



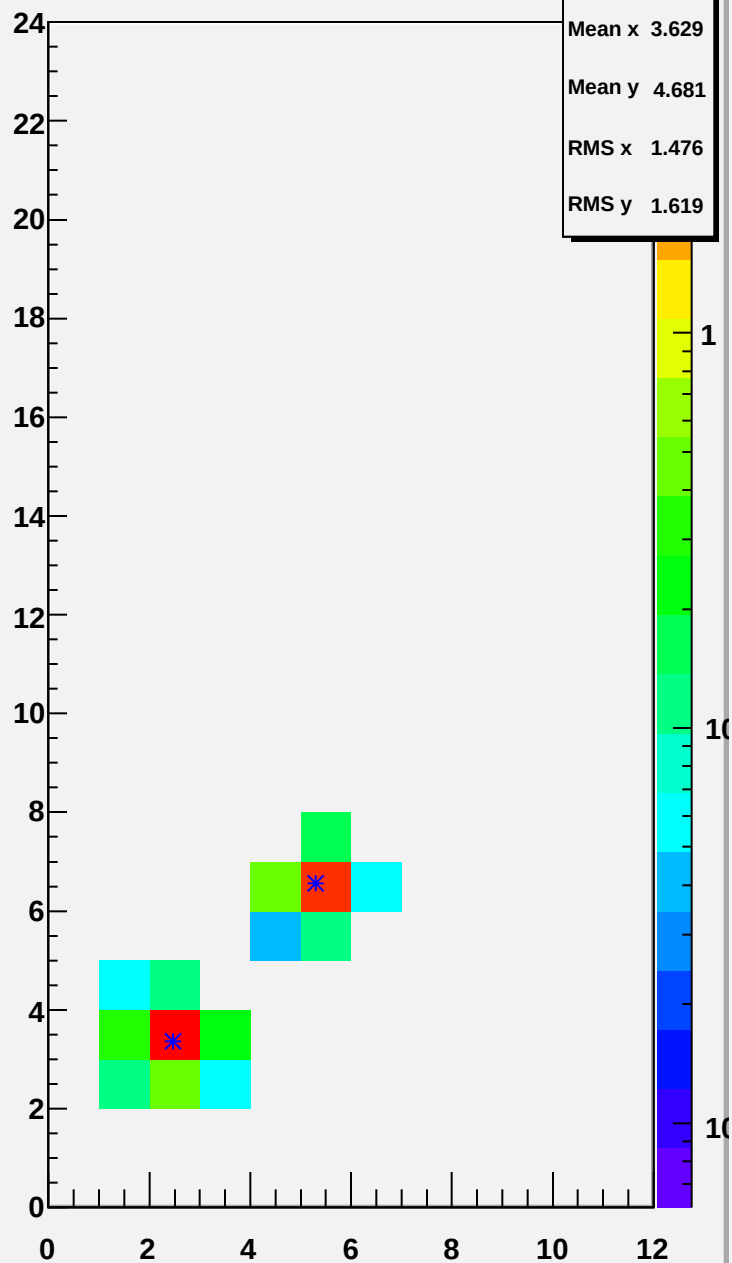
Efit

Entries	288
Mean x	1.903
Mean y	4.946
RMS x	0.5504
RMS y	0.8715

NSTB3_r4_c3_En=13.5_m0=0.147 m1=0.147 index=1727



Fitted Energies



Efit

Entries 288

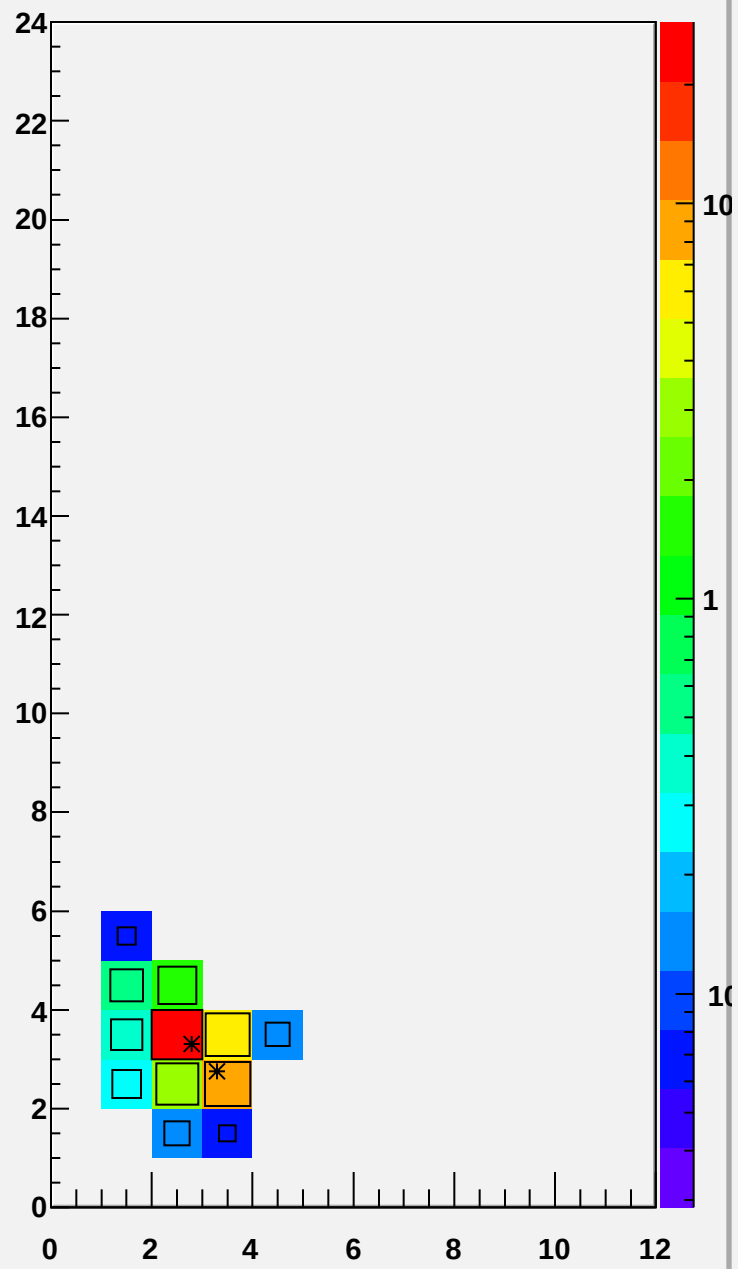
Mean x 3.629

Mean y 4.681

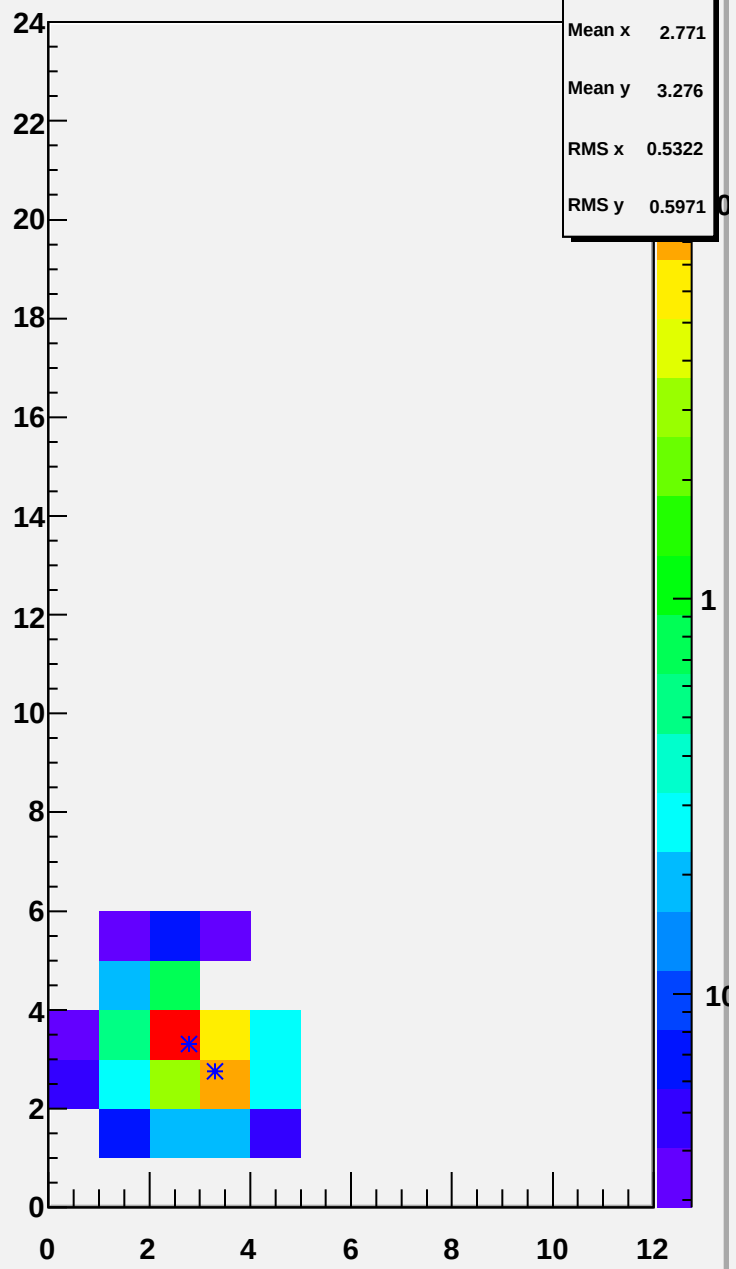
RMS x 1.476

RMS y 1.619

NSTB3_r4_c3_En=48.3_m0=0.076 m1=0.076 index=1729



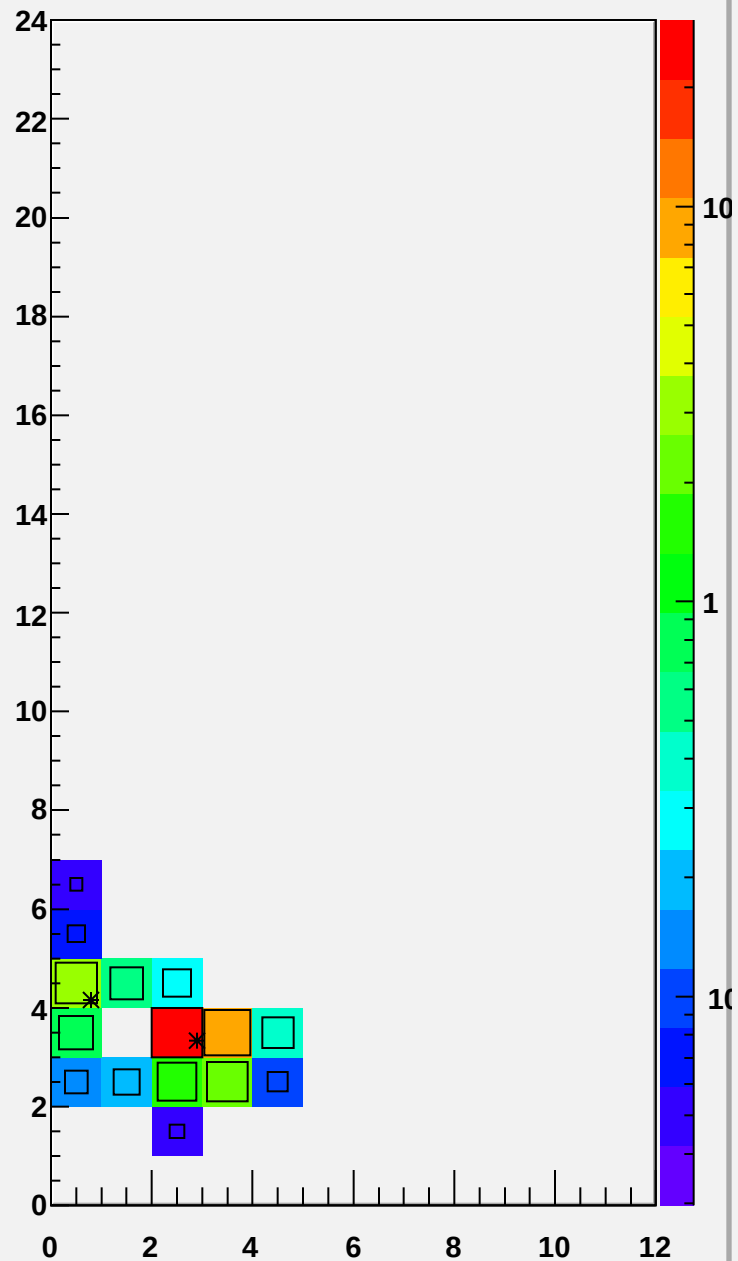
Fitted Energies



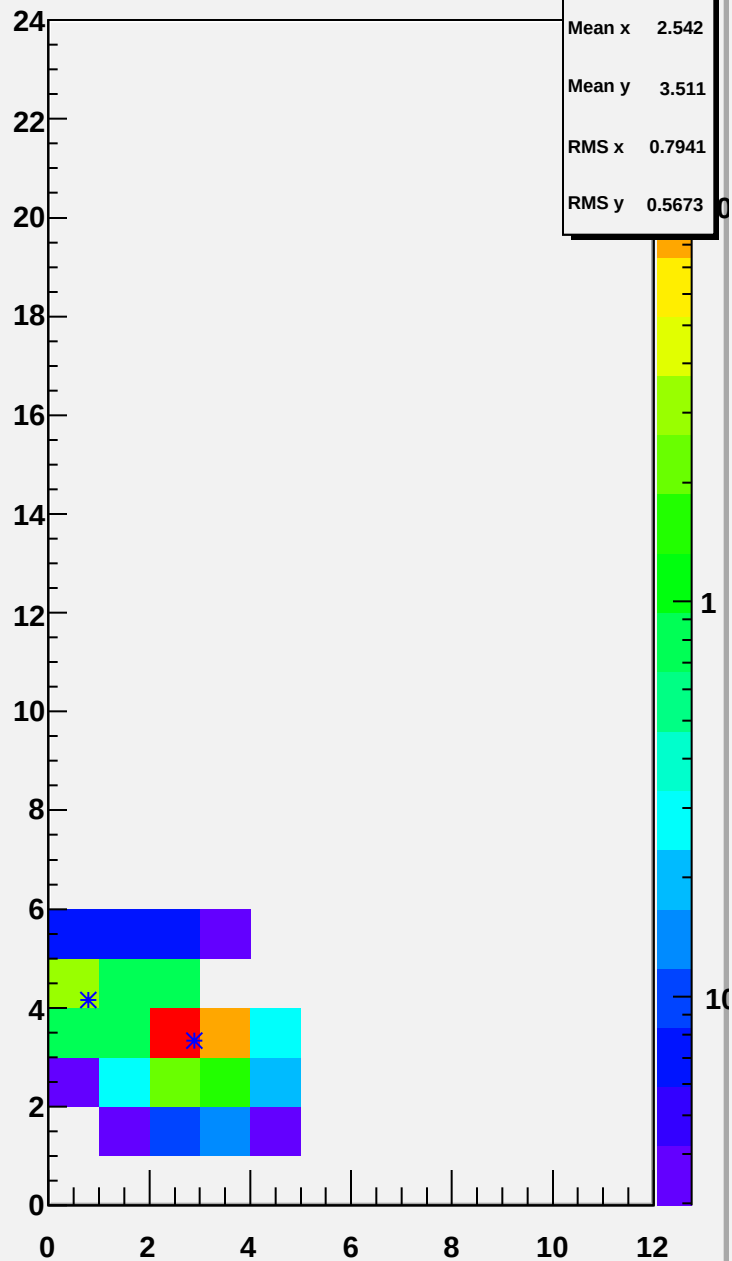
Efit

Entries	288
Mean x	2.771
Mean y	3.276
RMS x	0.5322
RMS y	0.5971

NSTB3_r4_c3_En=48.8_m0=0.185 m1=0.186 index=1730



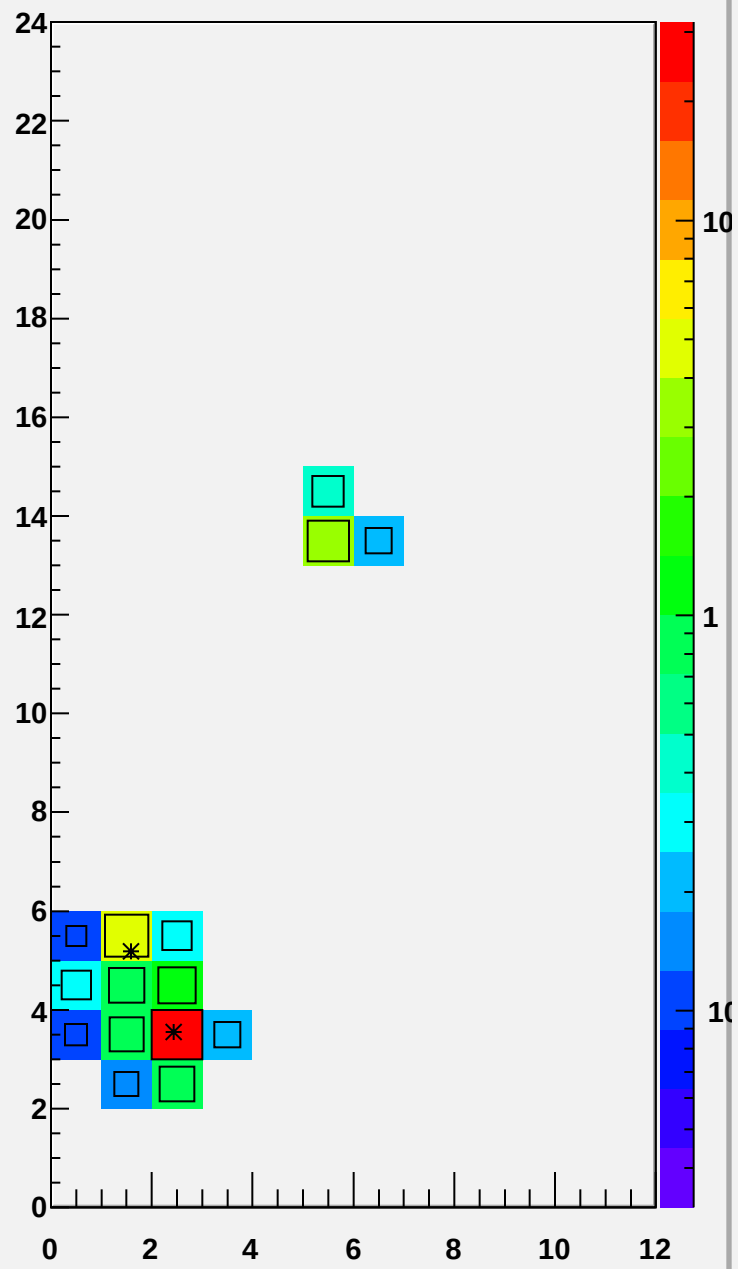
Fitted Energies



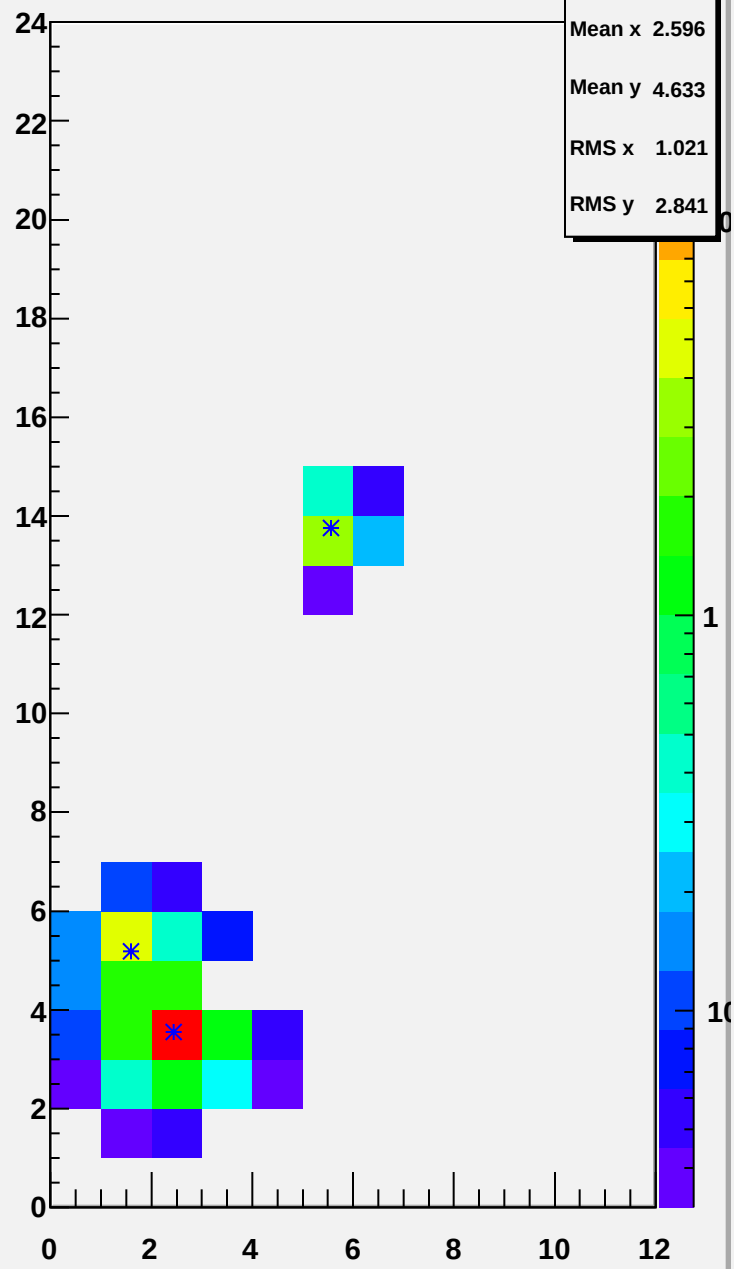
Efit

Entries	288
Mean x	2.542
Mean y	3.511
RMS x	0.7941
RMS y	0.5673

NSTB3_r4_c3_En=46.1_m0=0.167_m1=0.167_index=1731



Fitted Energies



Efit

Entries 288

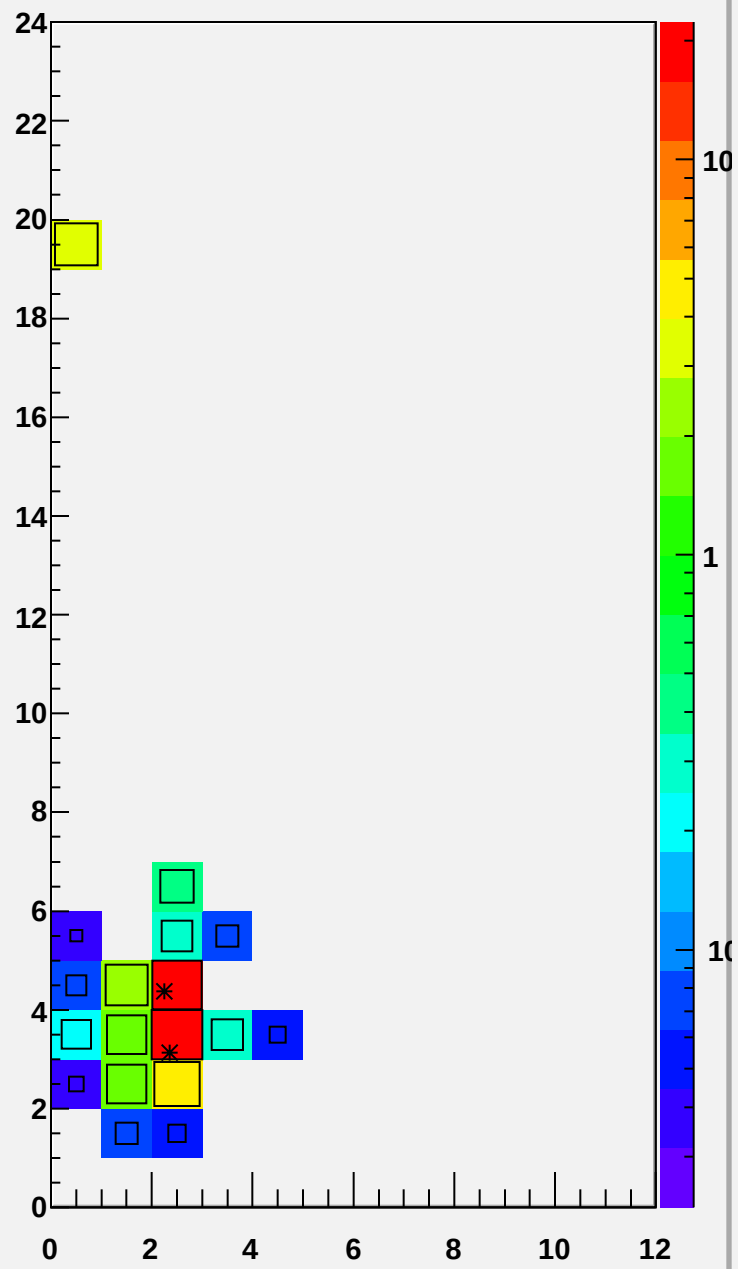
Mean x 2.596

Mean y 4.633

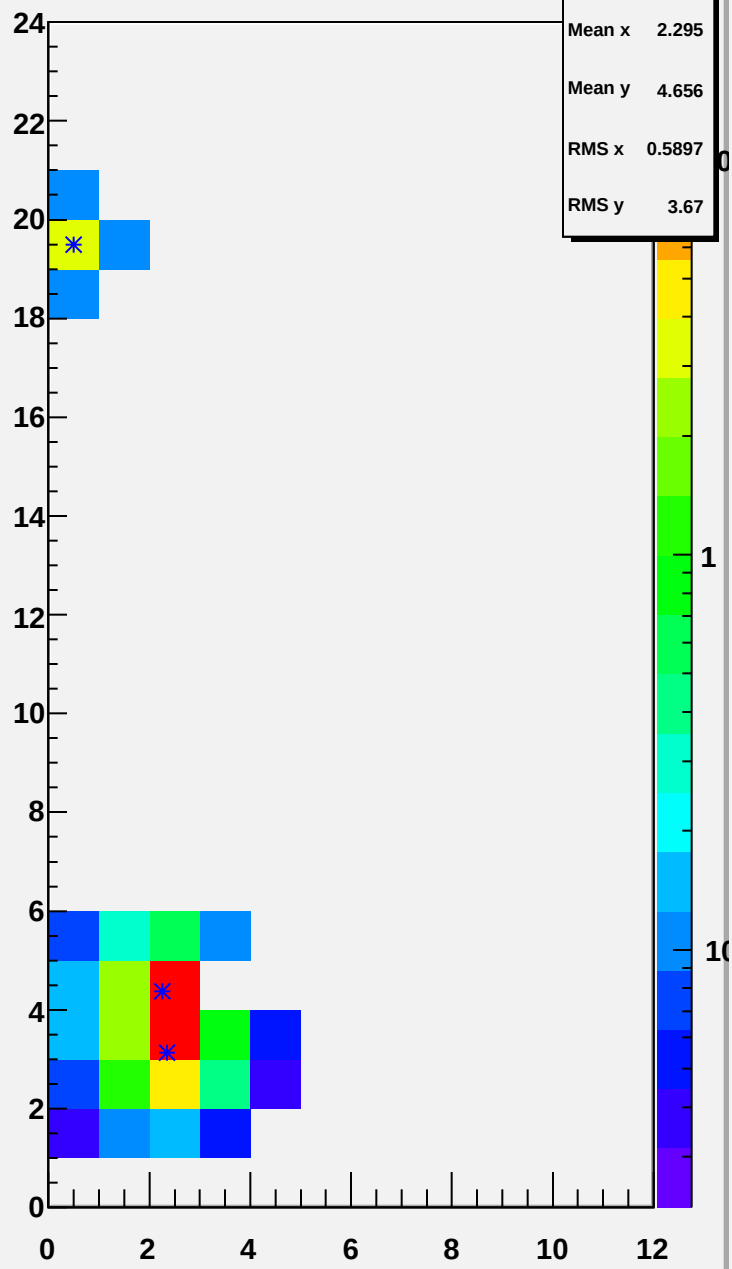
RMS x 1.021

RMS y 2.841

NSTB3_r4_c3_En=57.1_m0=0.185 m1=0.186 index=1732



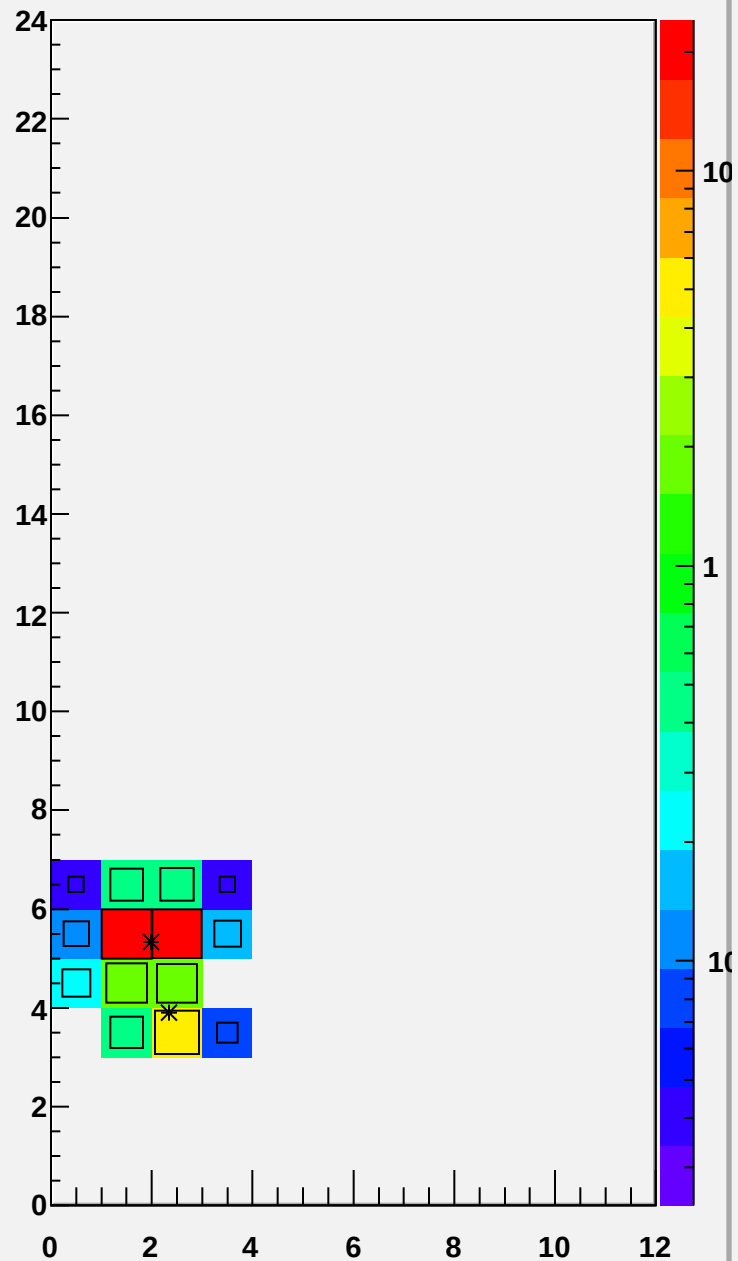
Fitted Energies



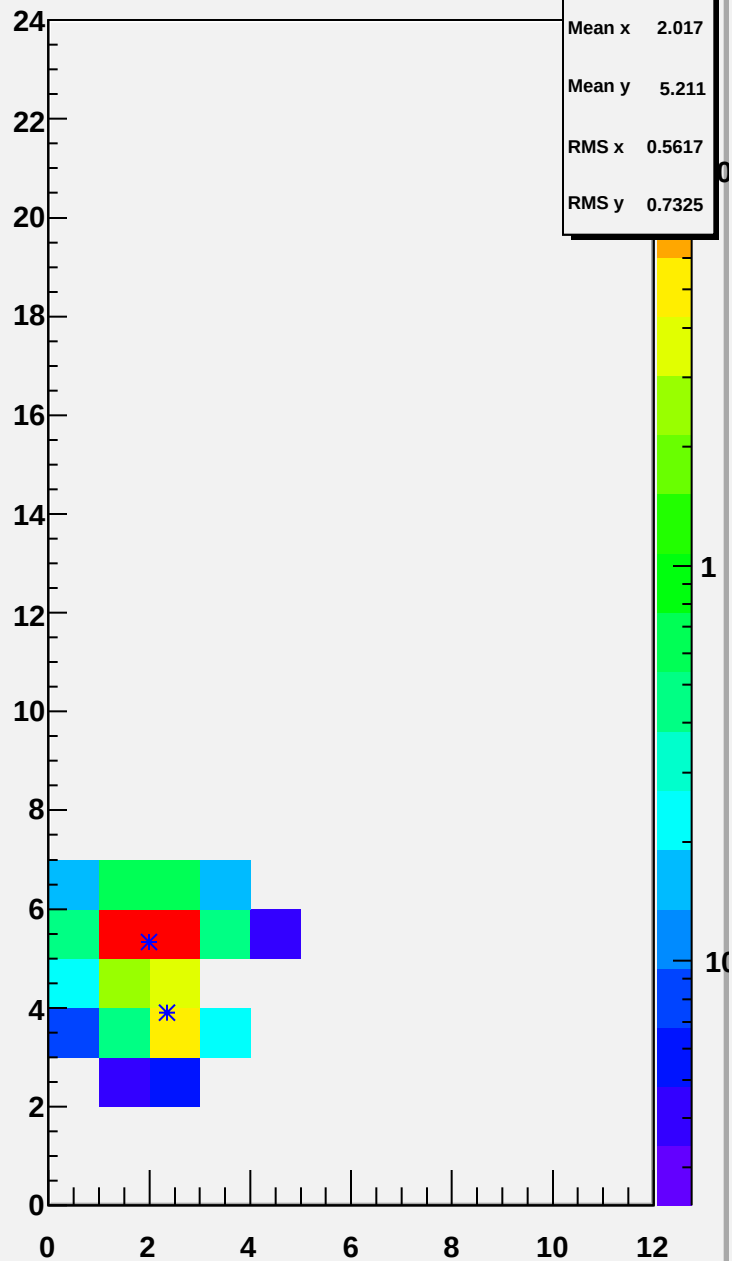
Efit

Entries	288
Mean x	2.295
Mean y	4.656
RMS x	0.5897
RMS y	3.67

NSTB3_r4_c3_En=54.9_m0=0.165 m1=0.164 index=1733



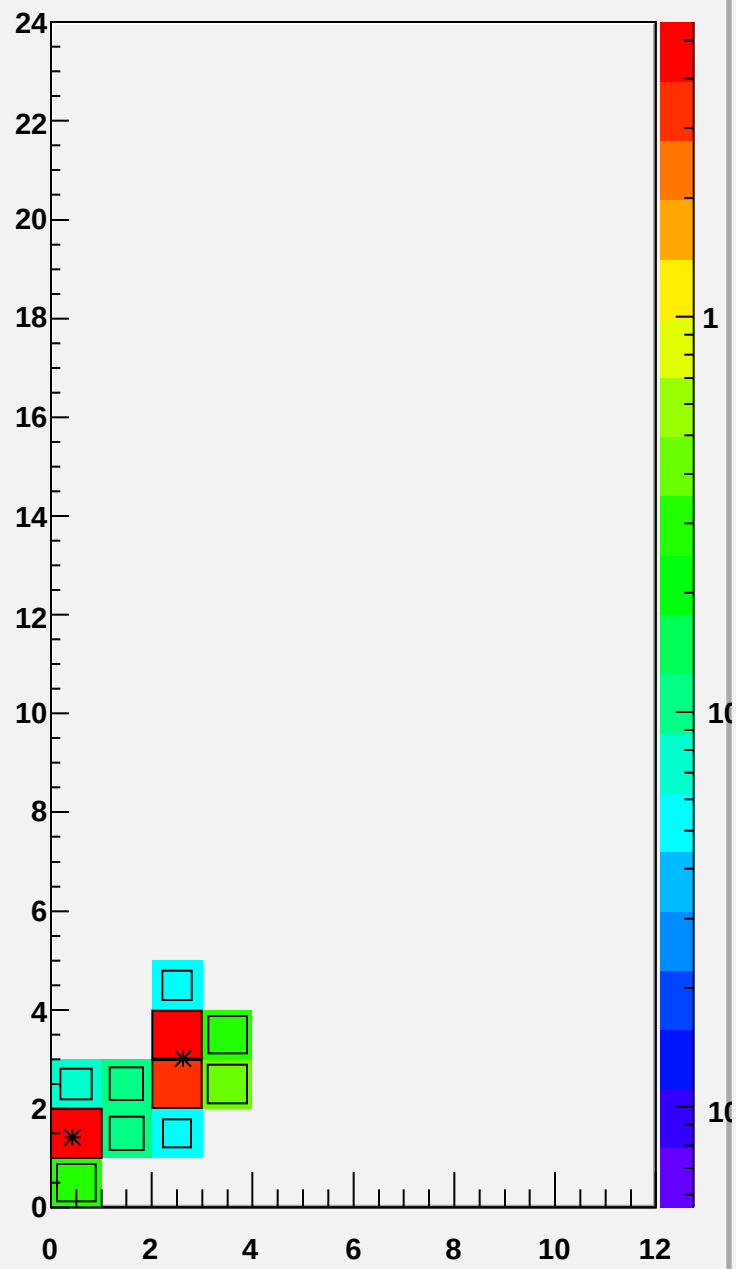
Fitted Energies



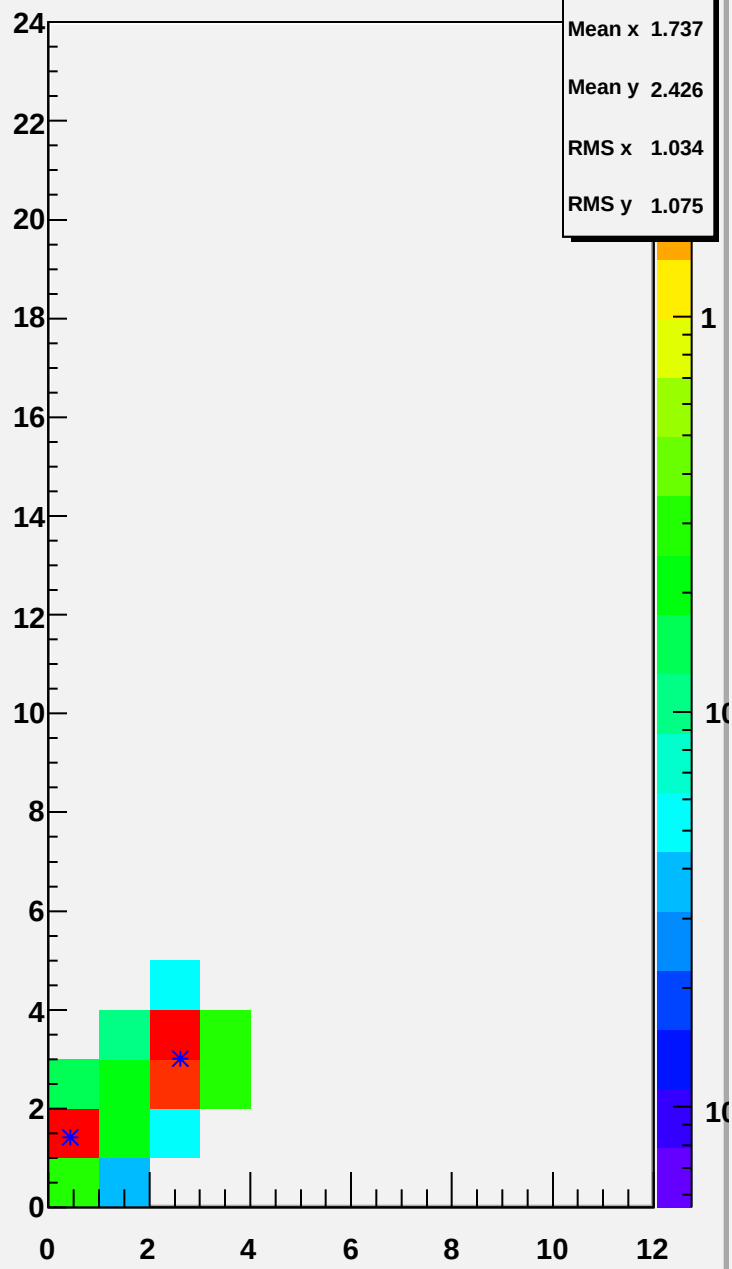
Efit

Entries	288
Mean x	2.017
Mean y	5.211
RMS x	0.5617
RMS y	0.7325

NSTB3_r4_c3_En=15.0_m0=0.119 m1=0.119 index=1734



Fitted Energies



Efit

Entries 288

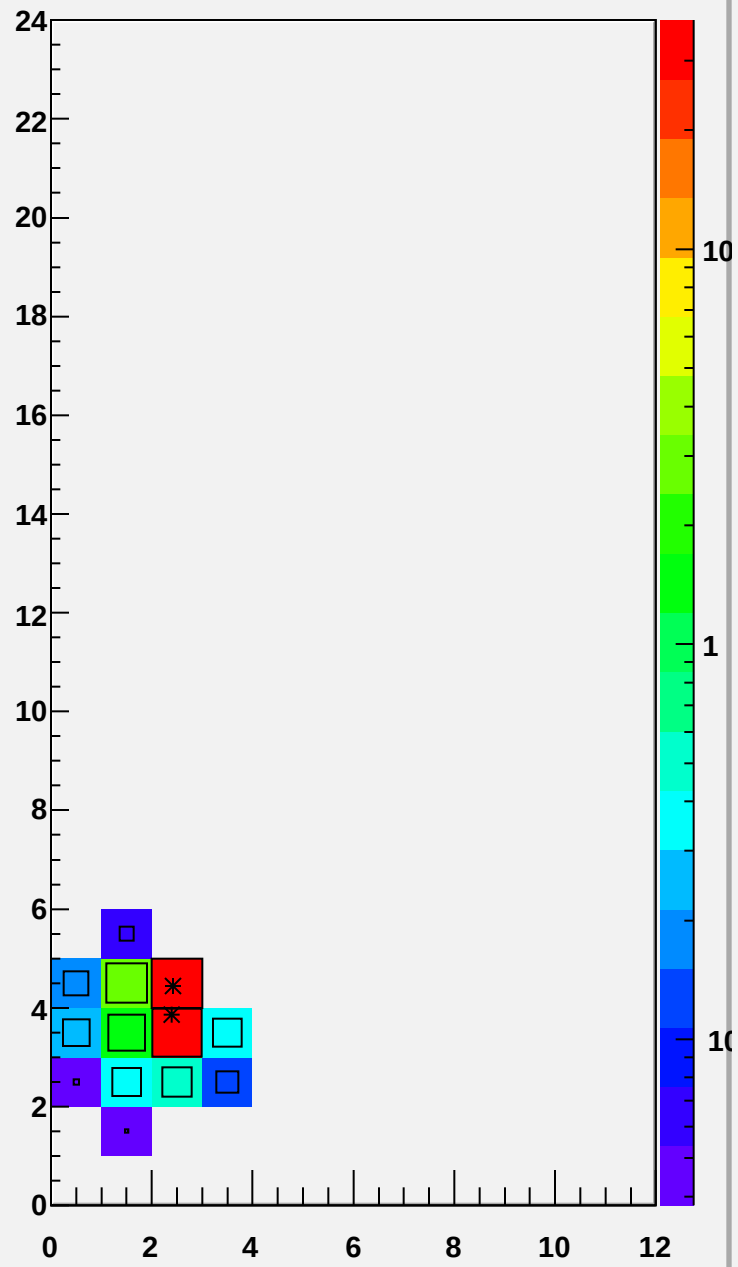
Mean x 1.737

Mean y 2.426

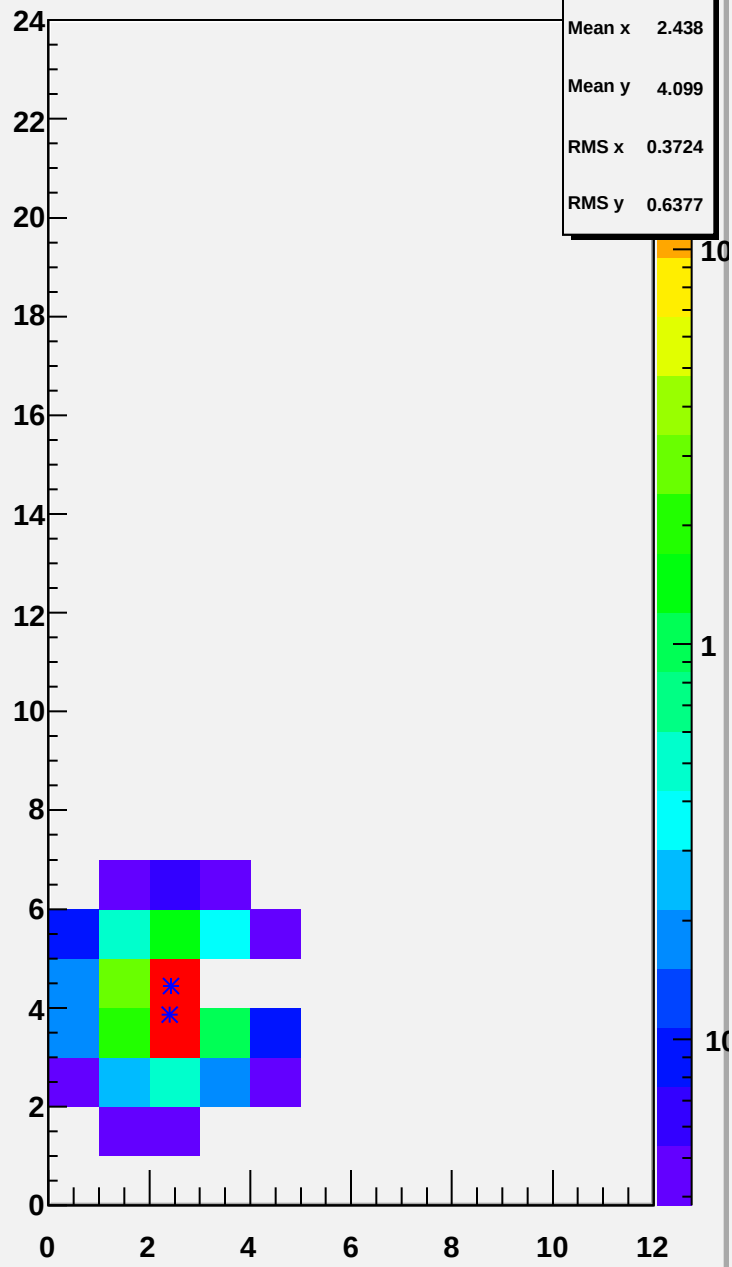
RMS x 1.034

RMS y 1.075

NSTB3_r4_c3_En=72.8_m0=0.123 m1=0.122 index=1735



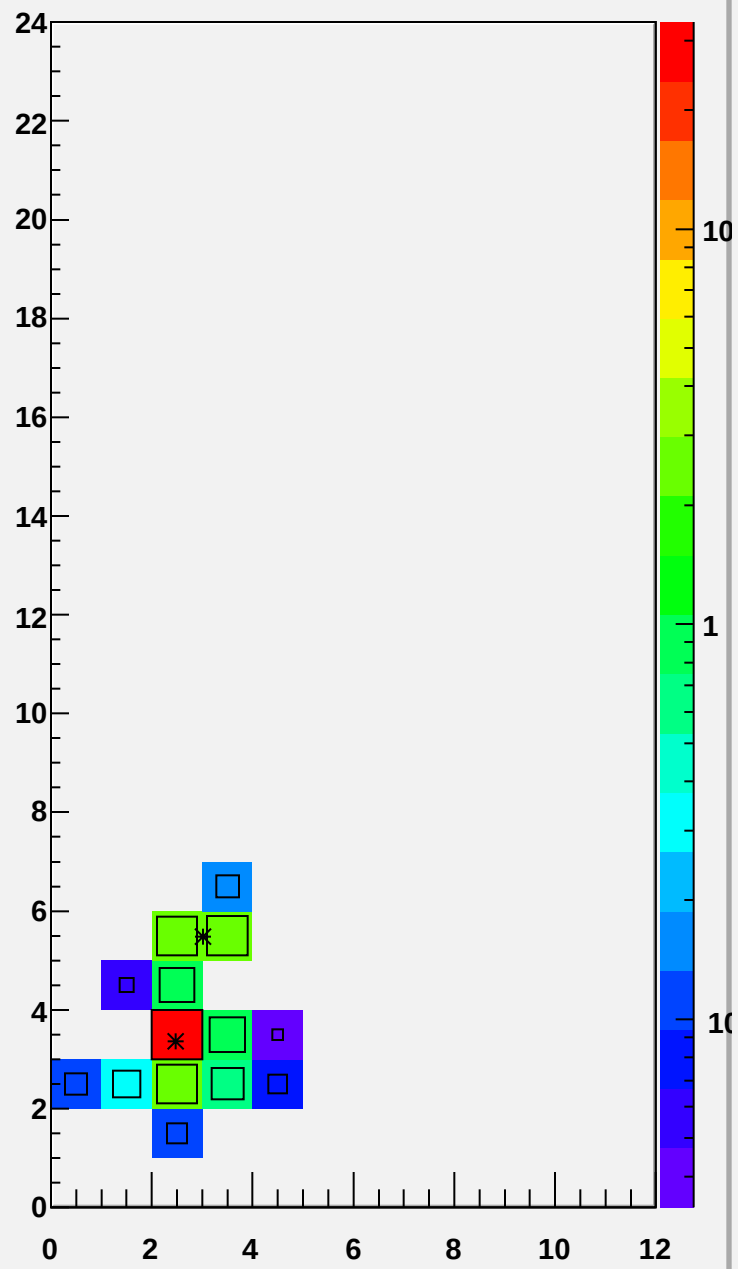
Fitted Energies



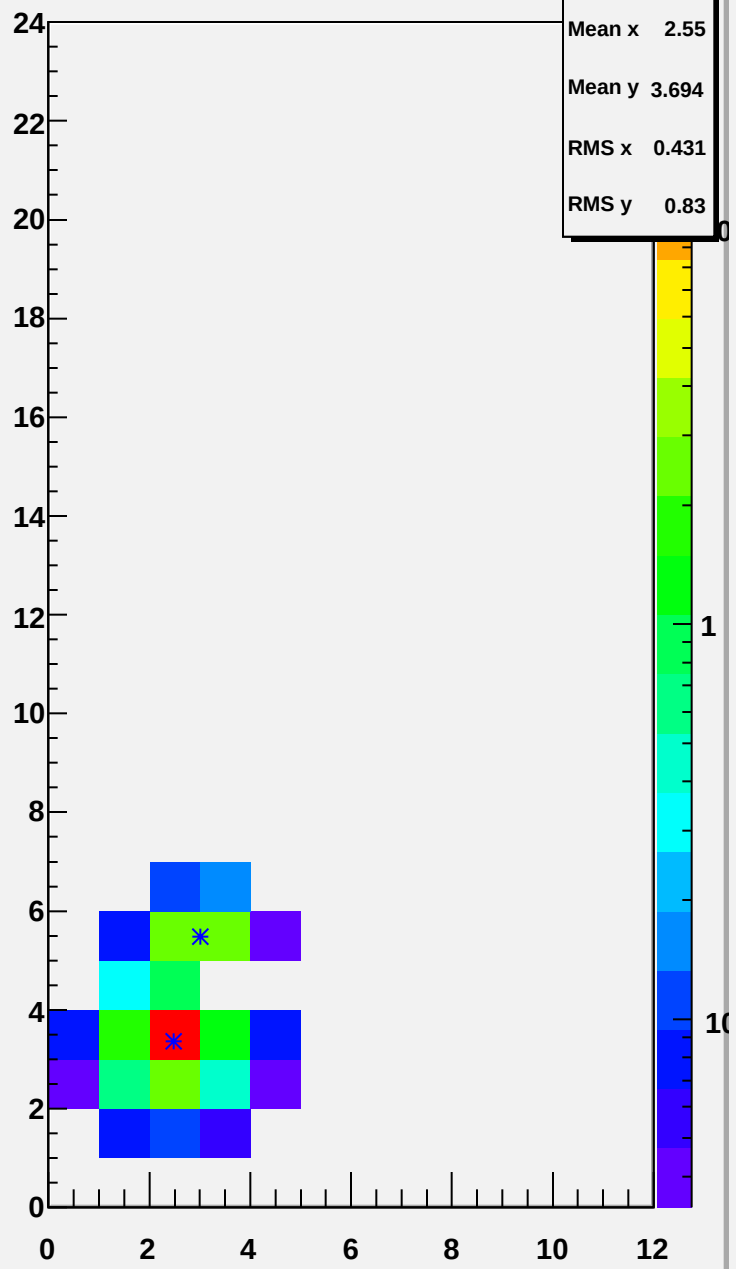
Efit

Entries	288
Mean x	2.438
Mean y	4.099
RMS x	0.3724
RMS y	0.6377

NSTB3_r4_c3_En=44.3_m0=0.186 m1=0.186 index=1736



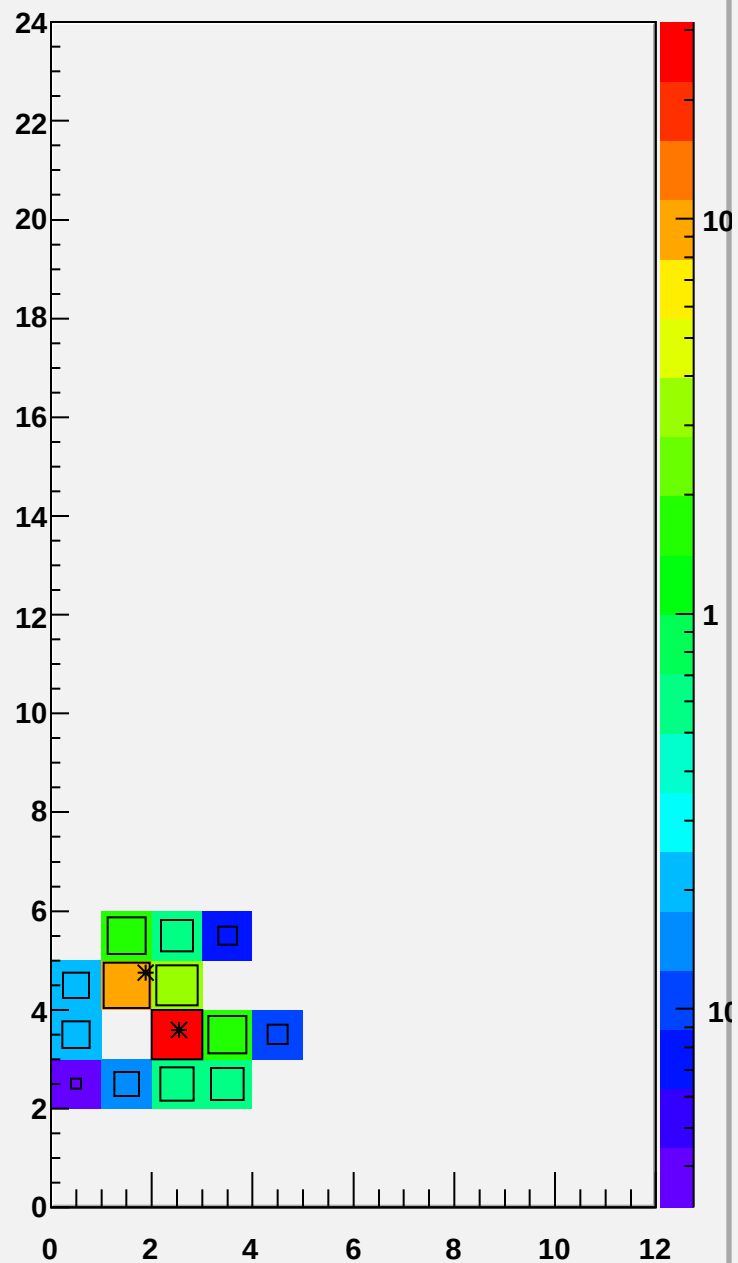
Fitted Energies



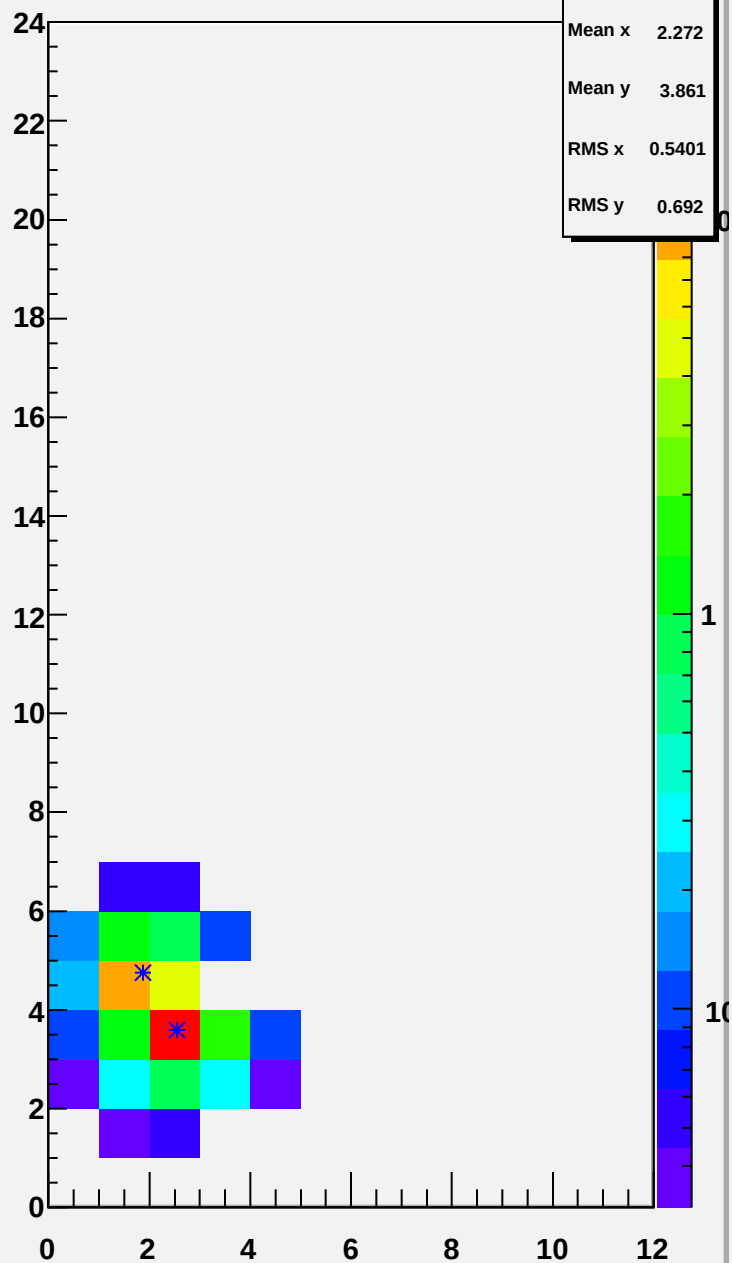
Efit

Entries 288
Mean x 2.55
Mean y 3.694
RMS x 0.431
RMS y 0.83

NSTB3_r4_c3_En=50.5_m0=0.182 m1=0.182 index=1738



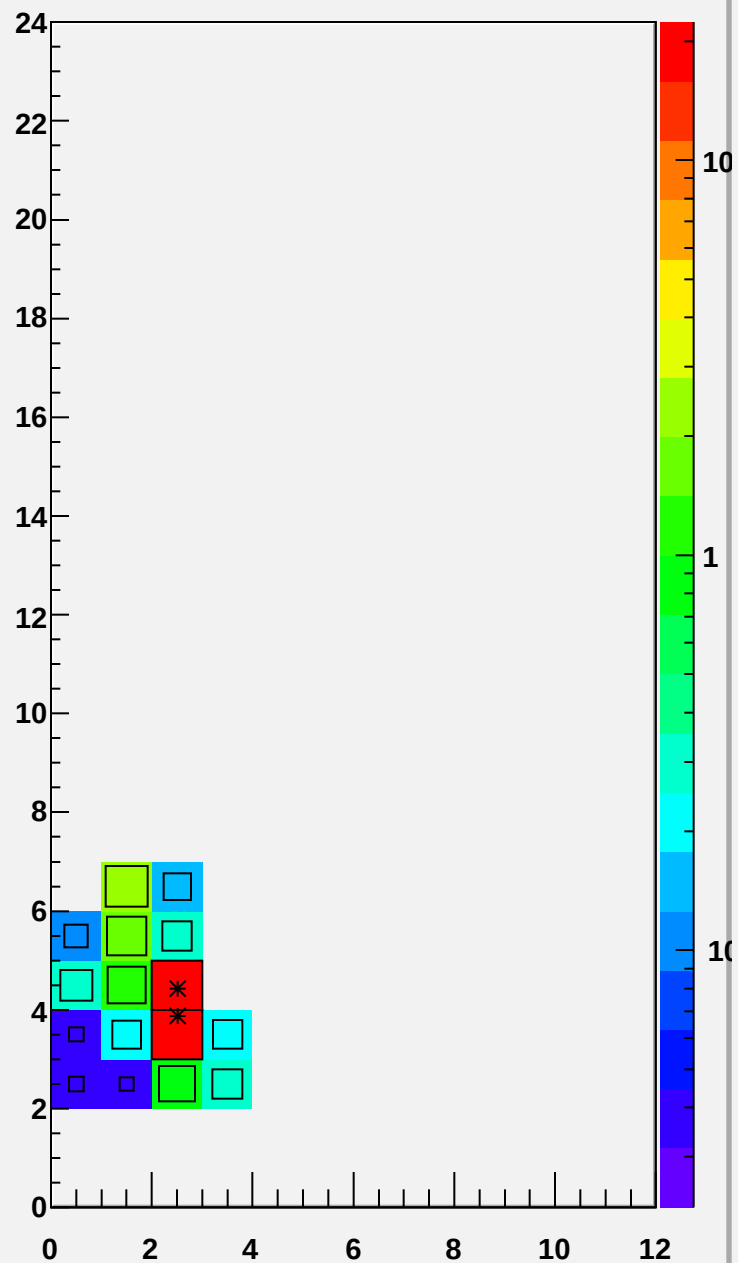
Fitted Energies



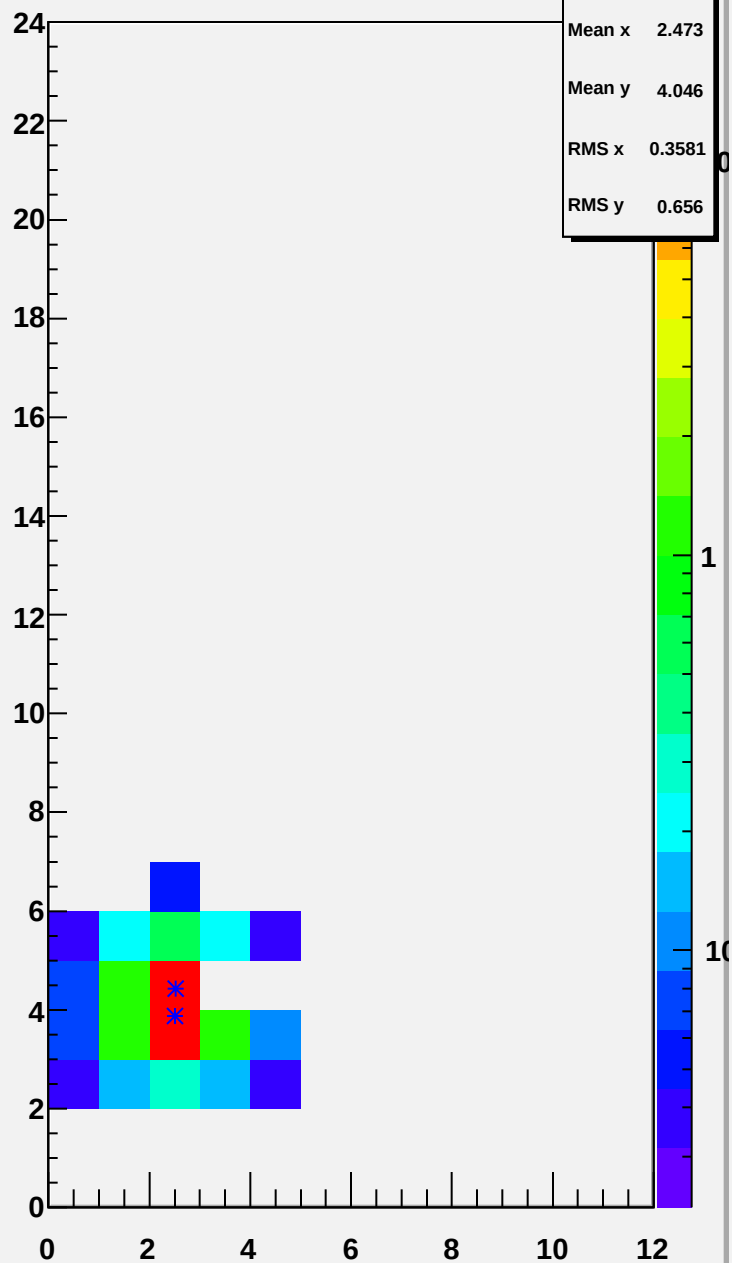
Efit

Entries	288
Mean x	2.272
Mean y	3.861
RMS x	0.5401
RMS y	0.692

NSTB3_r4_c3_En=50.7_m0=0.071 m1=0.071 index=1740



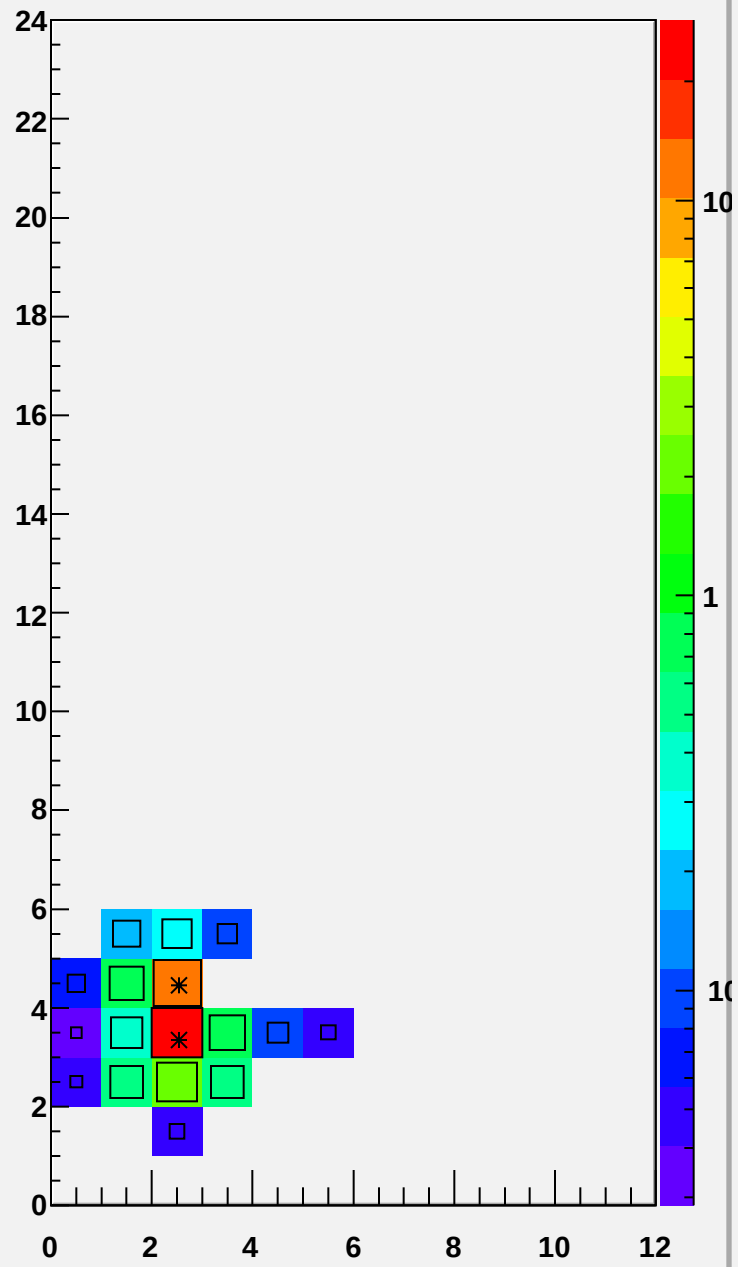
Fitted Energies



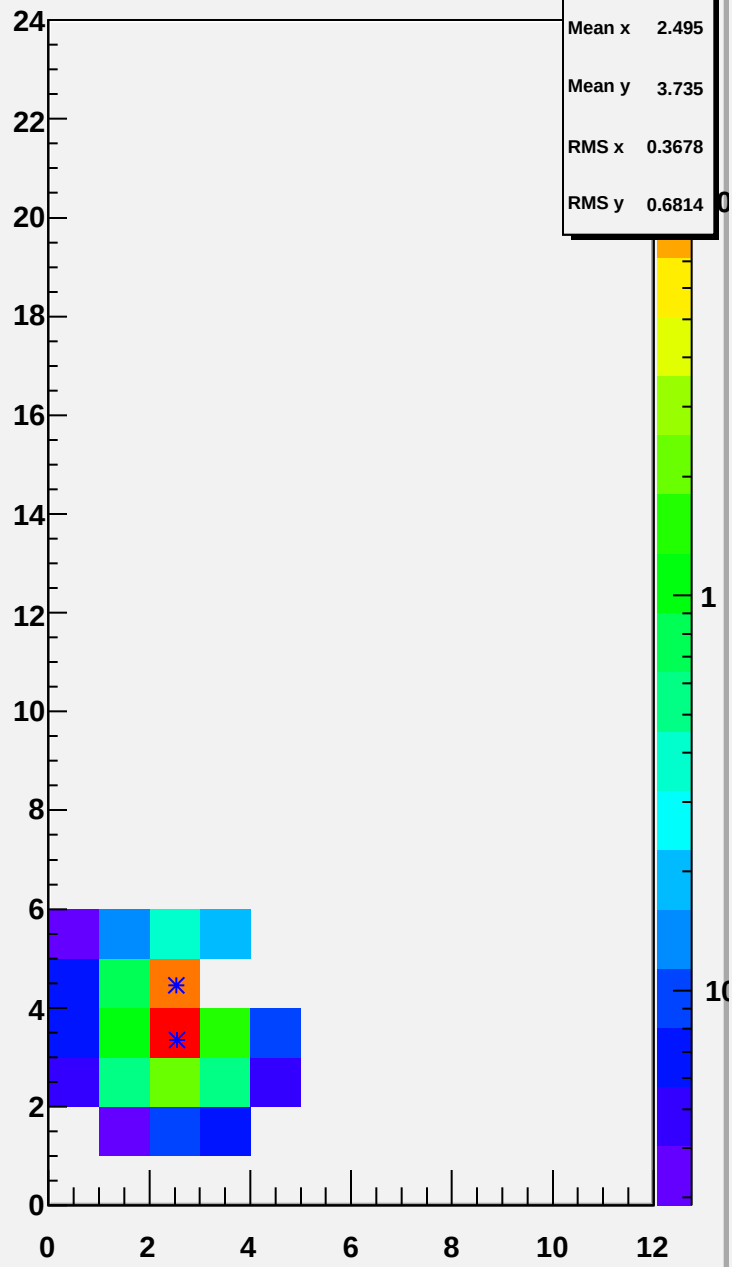
Efit

Entries	288
Mean x	2.473
Mean y	4.046
RMS x	0.3581
RMS y	0.656

NSTB3_r4_c3_En=47.1_m0=0.134_m1=0.133_index=1741



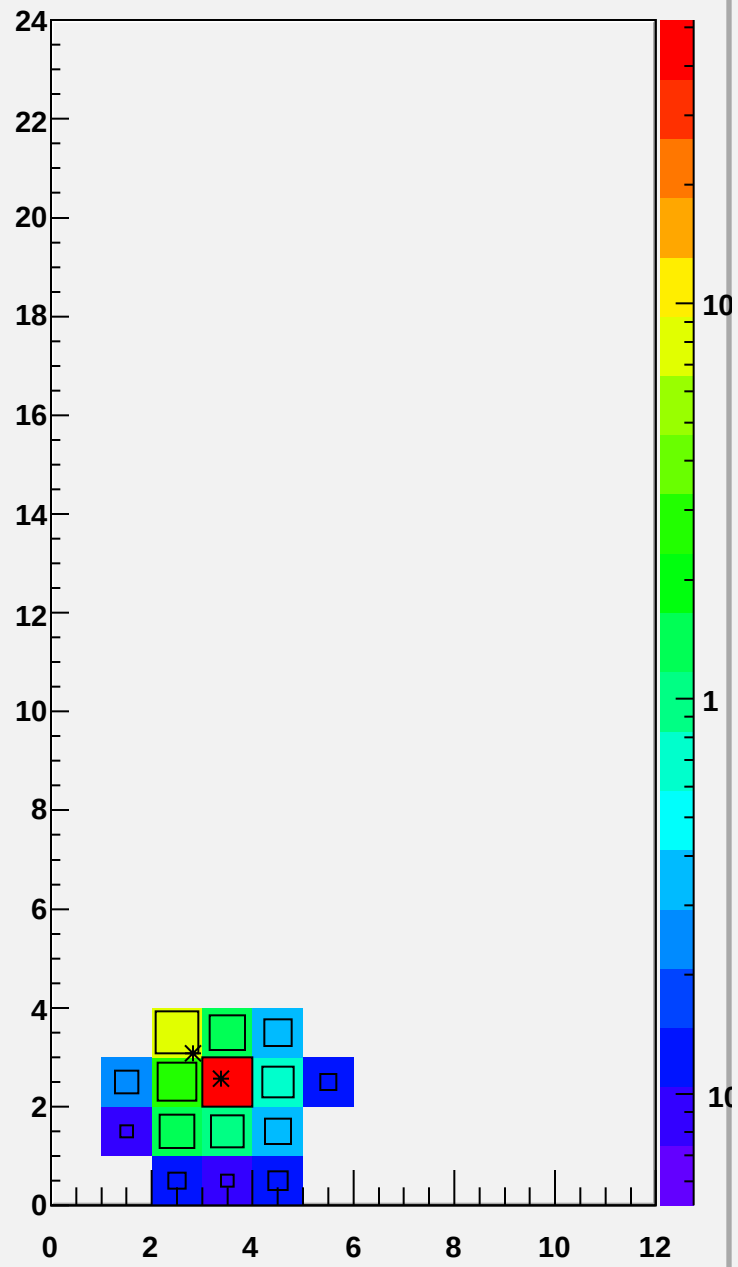
Fitted Energies



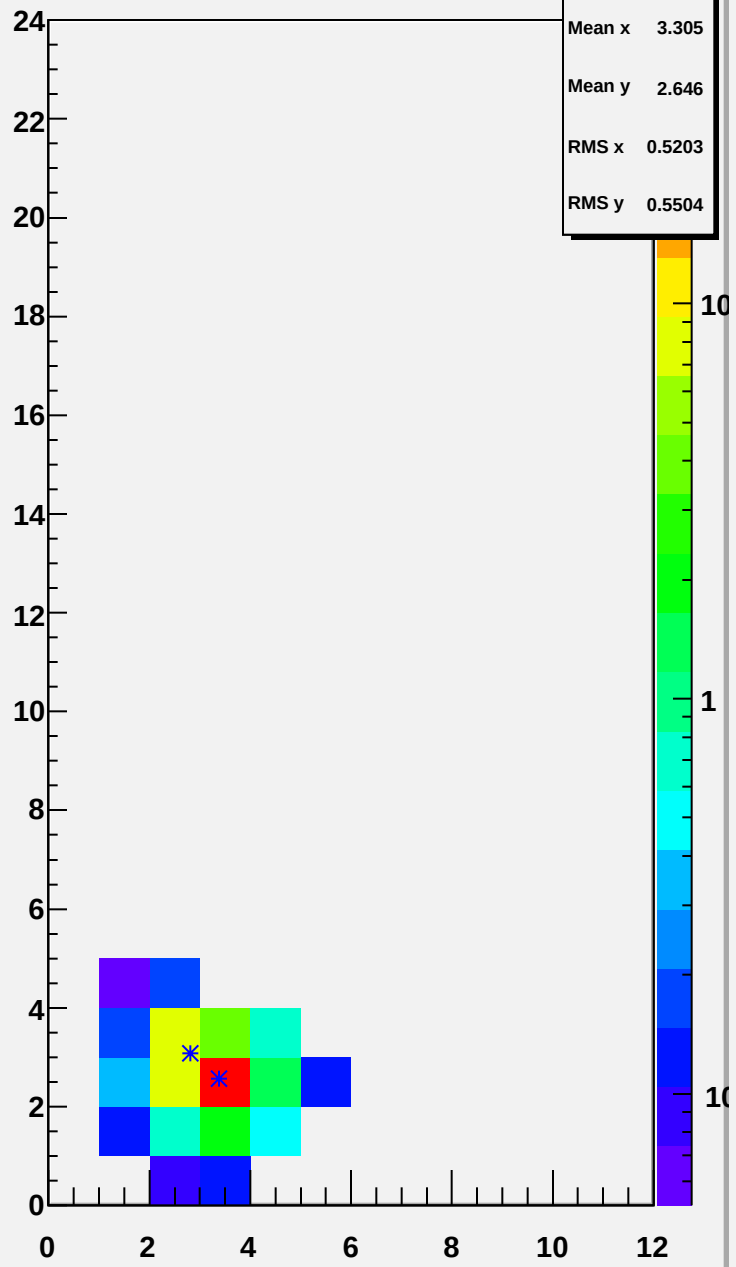
Efit

Entries	288
Mean x	2.495
Mean y	3.735
RMS x	0.3678
RMS y	0.6814

NSTB3_r4_c3_En=69.4_m0=0.121 m1=0.123 index=1742



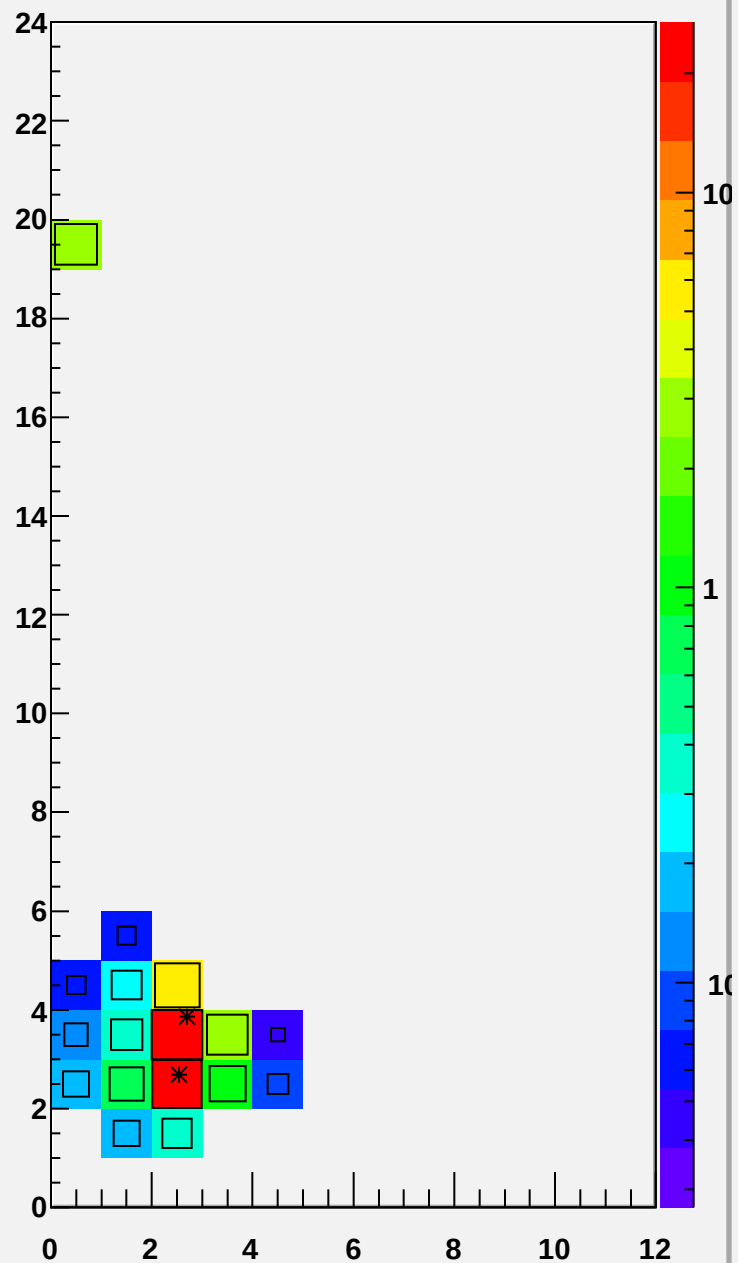
Fitted Energies



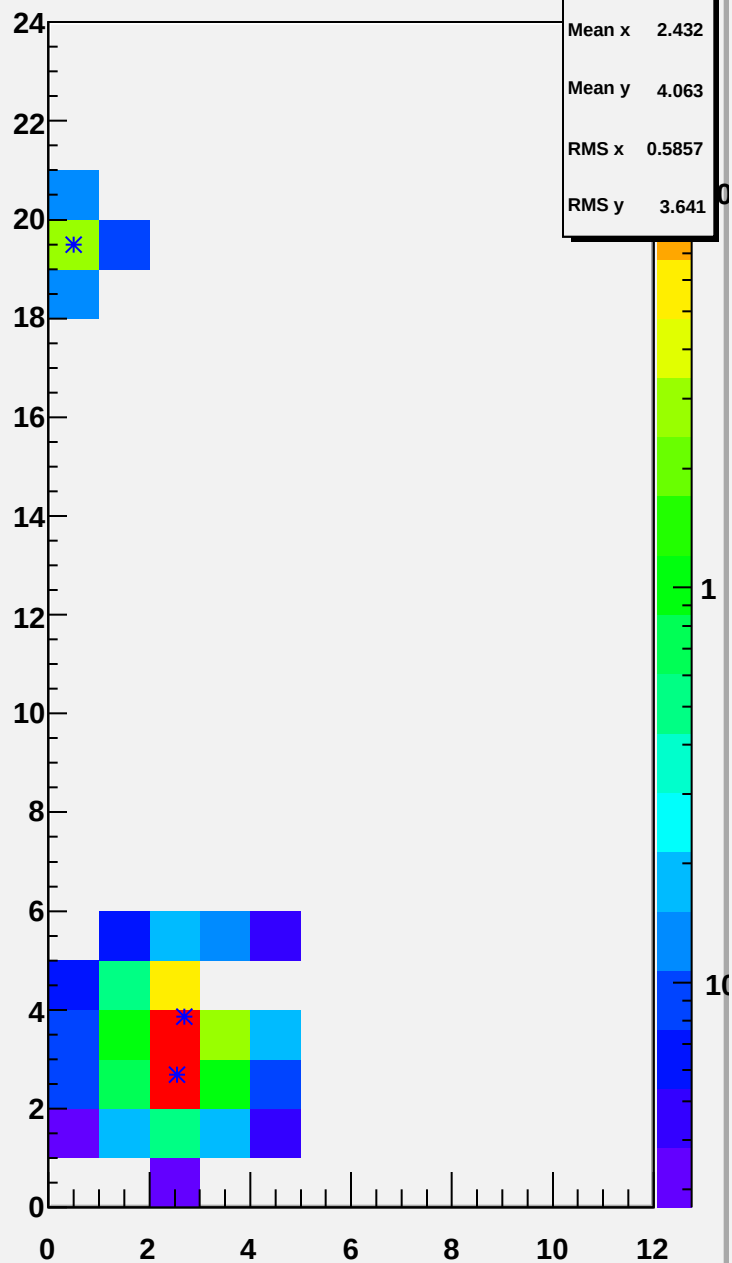
Efit

Entries	288
Mean x	3.305
Mean y	2.646
RMS x	0.5203
RMS y	0.5504

NSTB3_r4_c3_En=61.8_m0=0.192 m1=0.191 index=1743



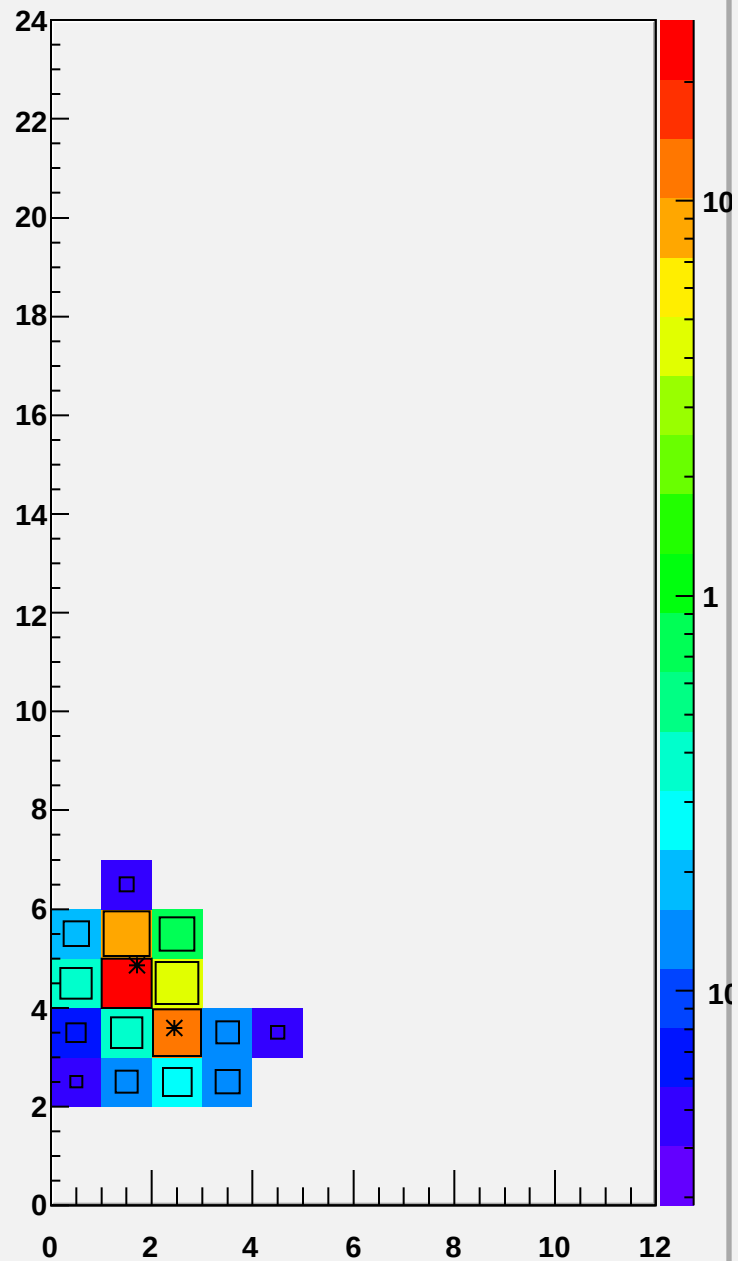
Fitted Energies



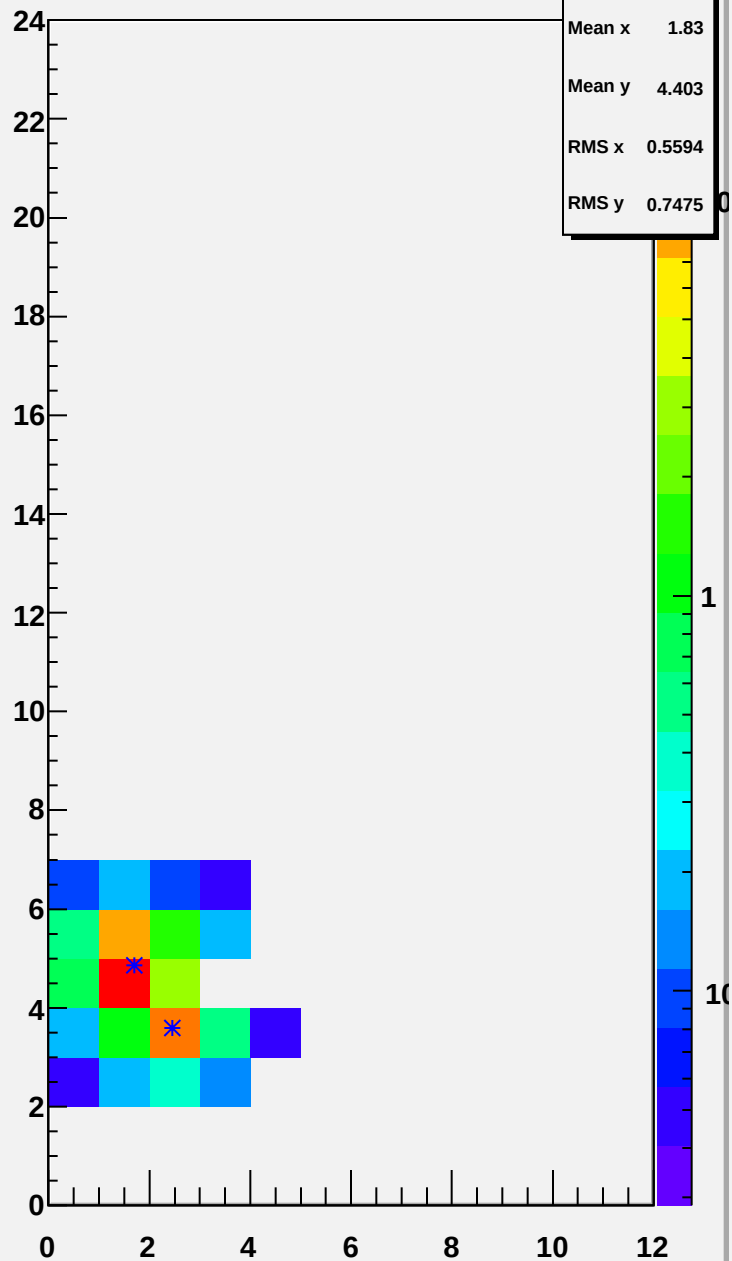
Efit

Entries	288
Mean x	2.432
Mean y	4.063
RMS x	0.5857
RMS y	3.641

NSTB3_r4_c3_En=57.1_m0=0.213 m1=0.214 index=1744



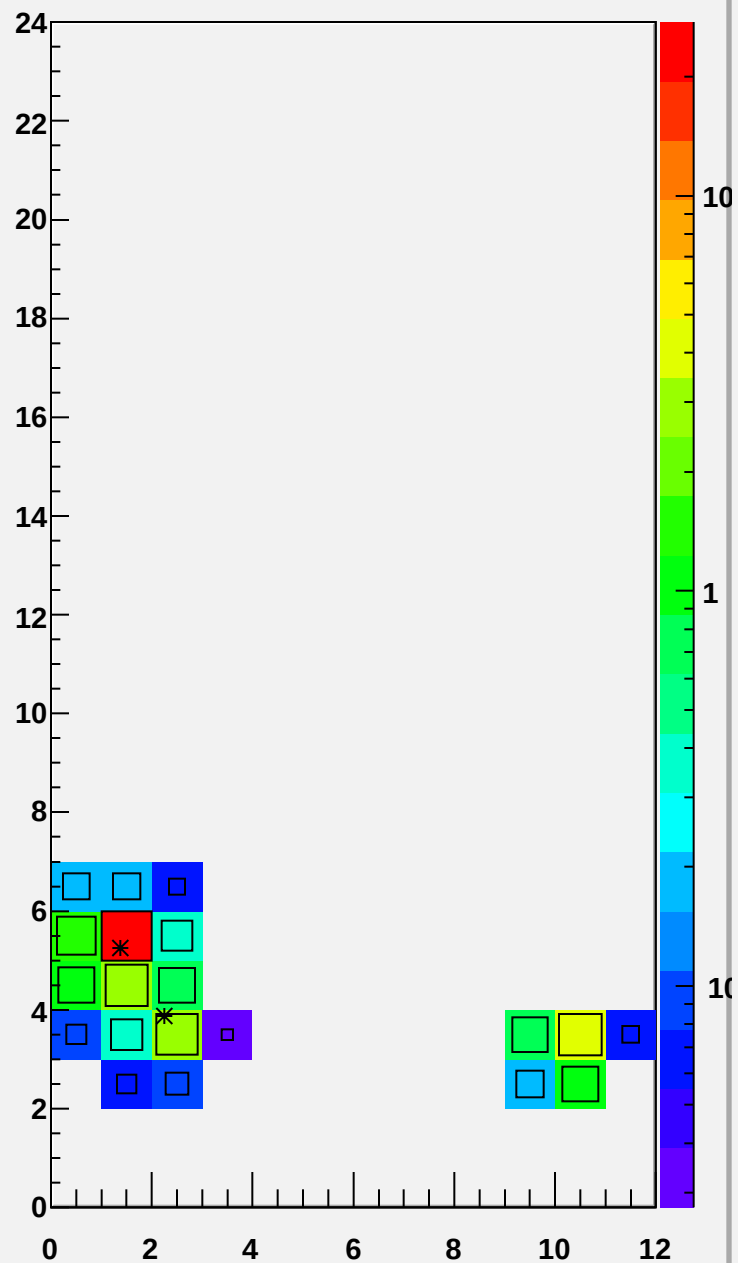
Fitted Energies



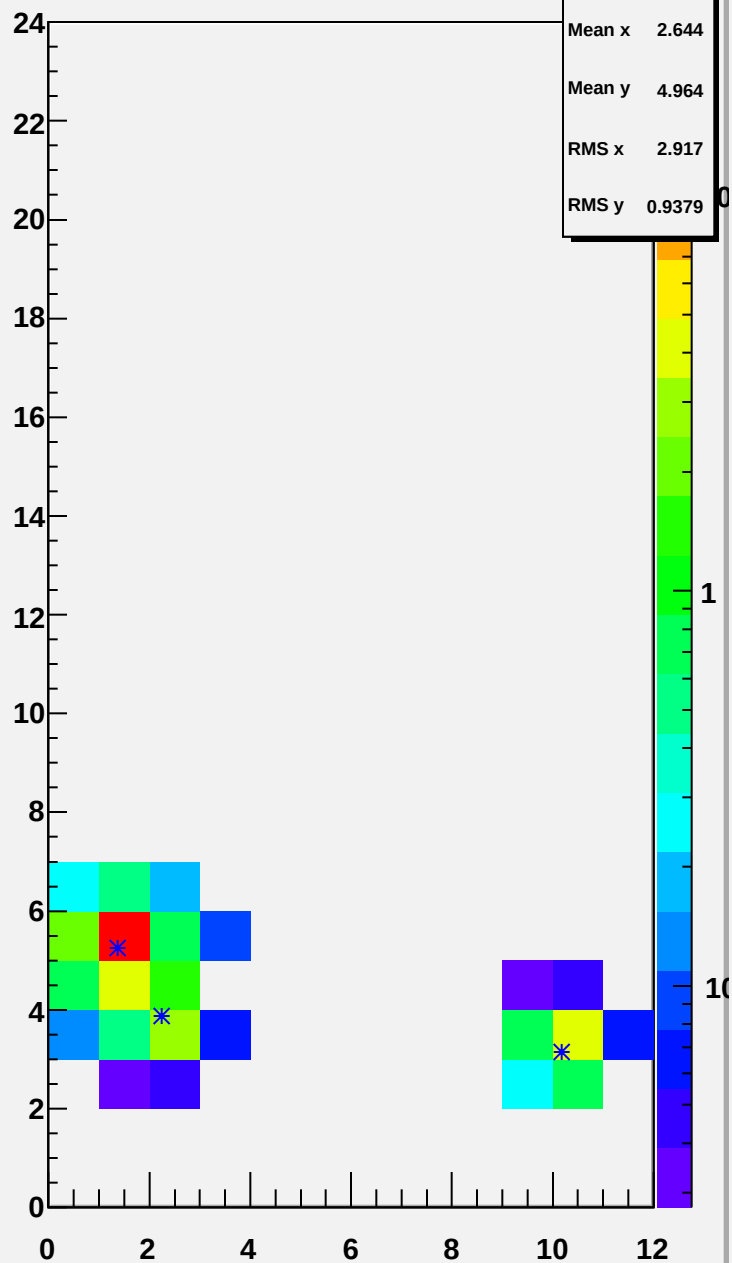
Efit

Entries	288
Mean x	1.83
Mean y	4.403
RMS x	0.5594
RMS y	0.7475

NSTB3_r4_c3_En=44.5_m0=0.119 m1=0.118 index=1747



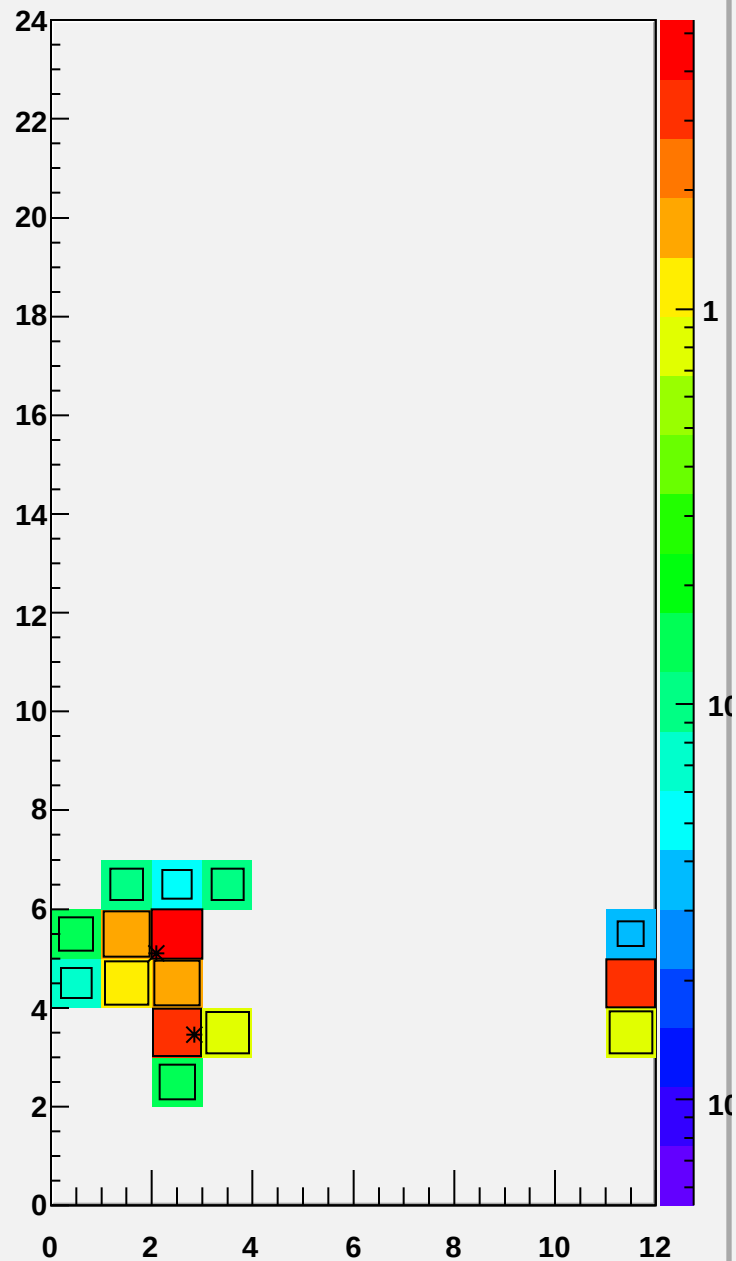
Fitted Energies



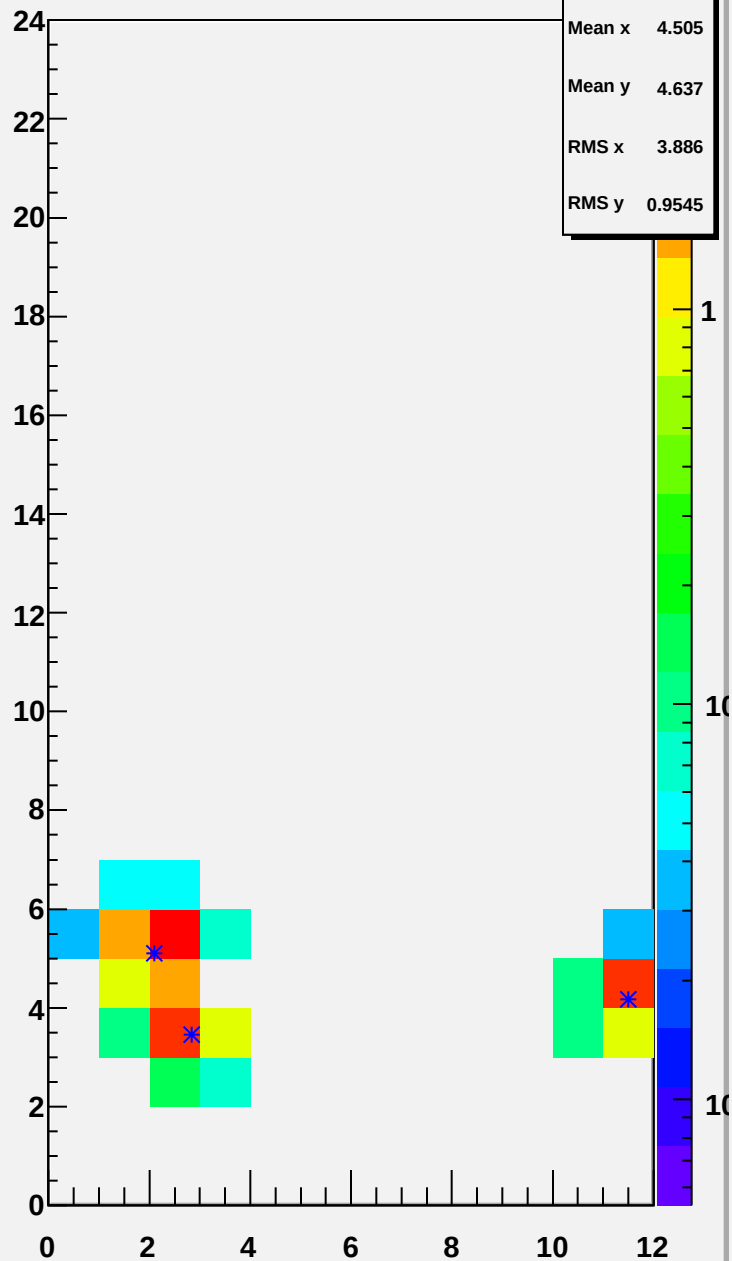
Efit

Entries	288
Mean x	2.644
Mean y	4.964
RMS x	2.917
RMS y	0.9379

NSTB3_r4_c3_En=18.6_m0=0.068 m1=0.068 index=1748



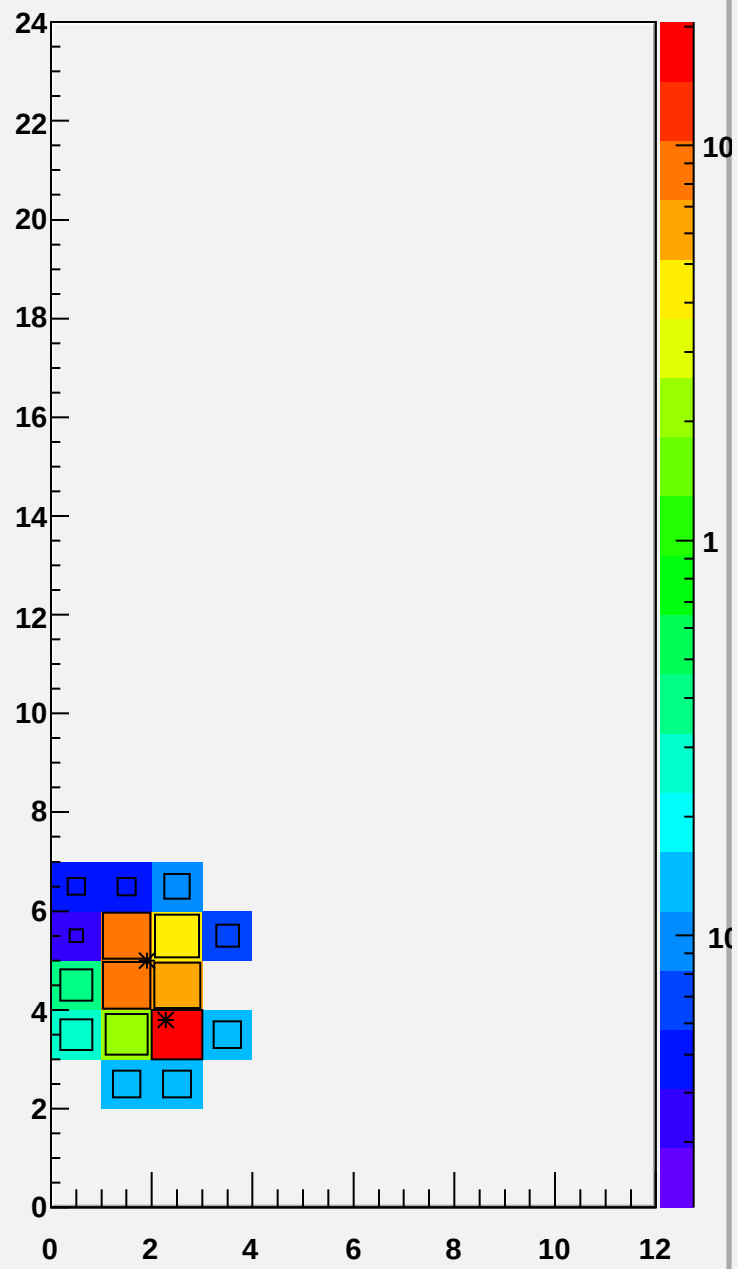
Fitted Energies



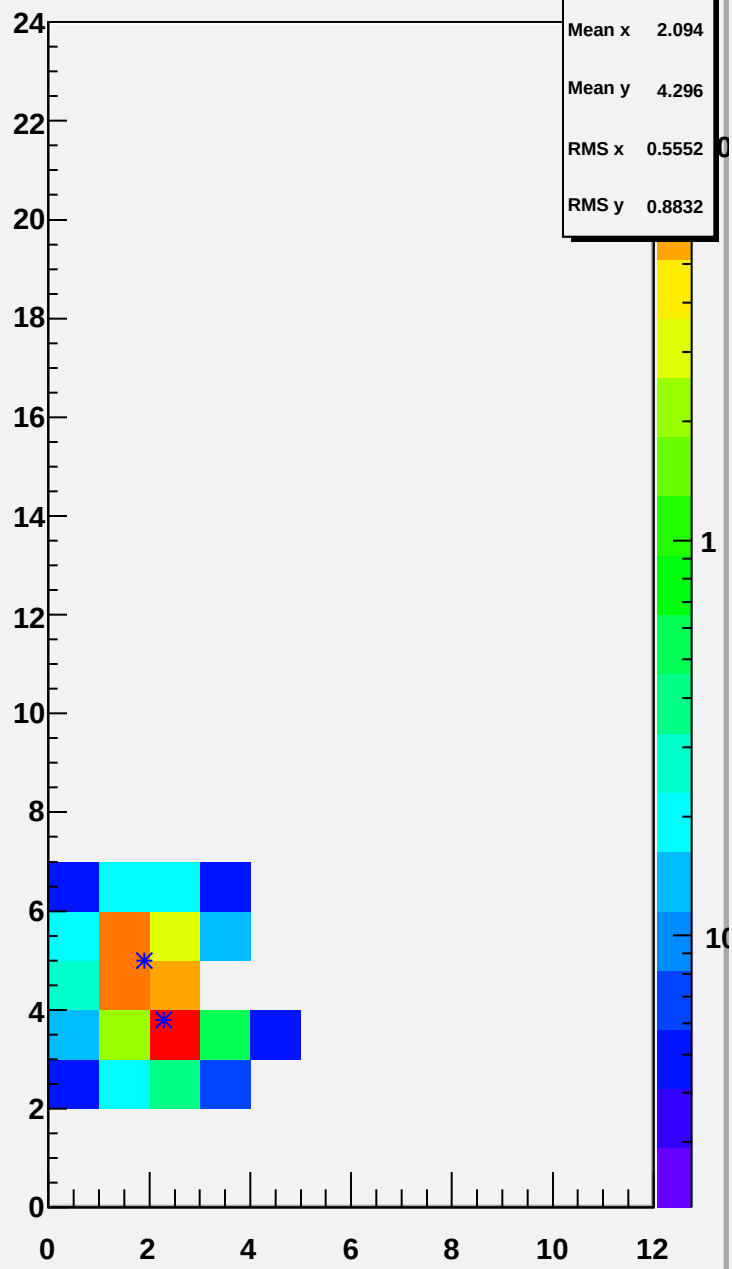
Efit

Entries	288
Mean x	4.505
Mean y	4.637
RMS x	3.886
RMS y	0.9545

NSTB3_r4_c3_En=52.9_m0=0.187 m1=0.187 index=1749



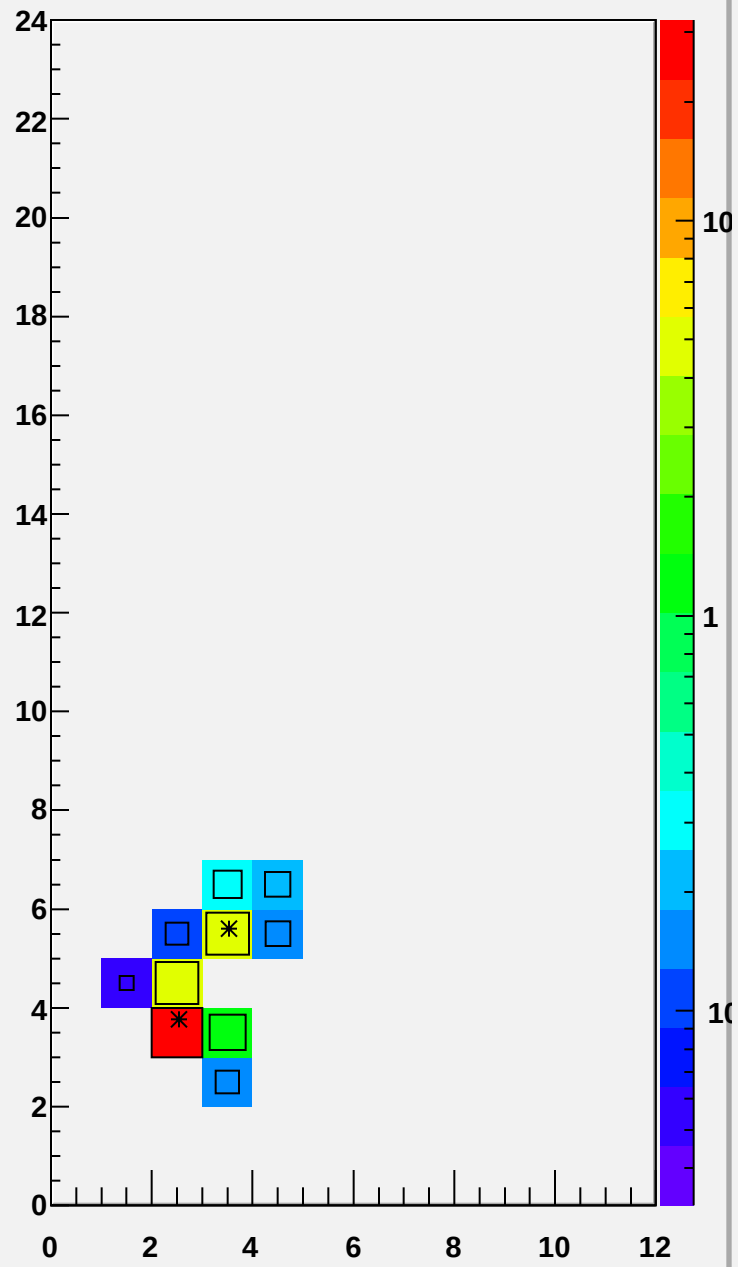
Fitted Energies



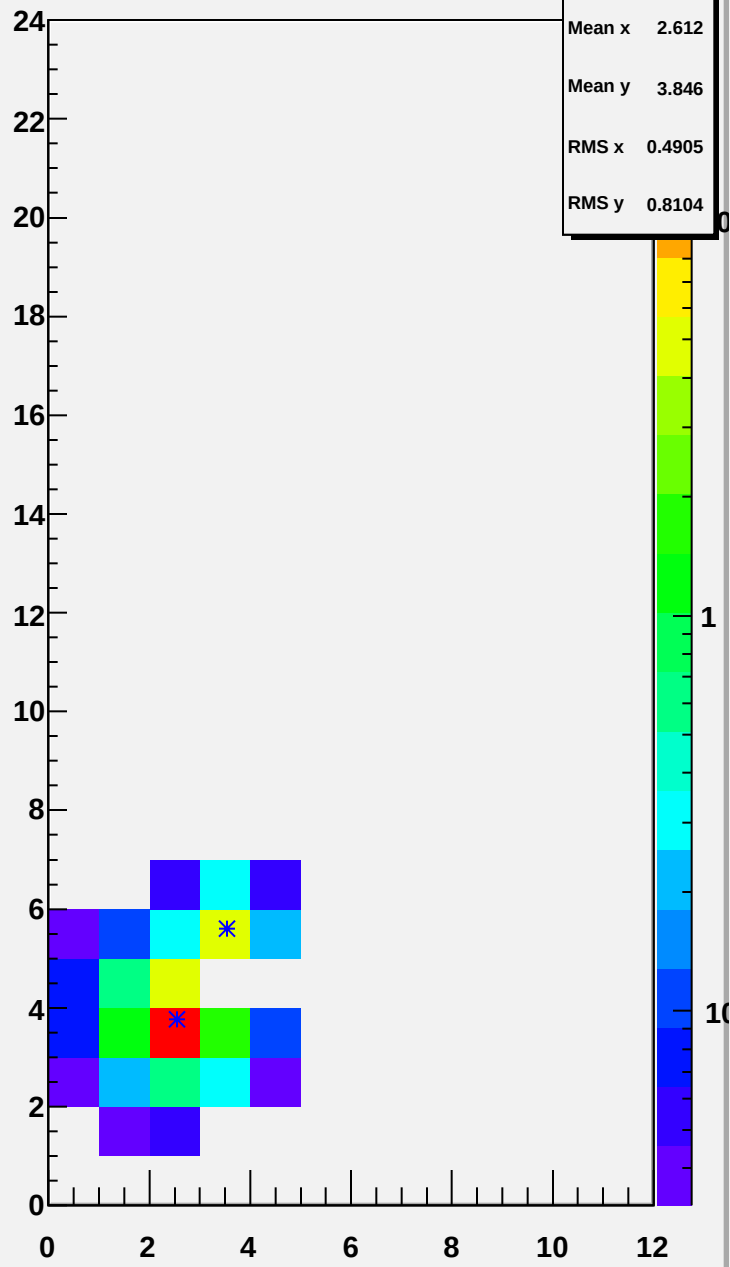
Efit

Entries	288
Mean x	2.094
Mean y	4.296
RMS x	0.5552
RMS y	0.8832

NSTB3_r4_c3_En=43.8_m0=0.178 m1=0.178 index=1750



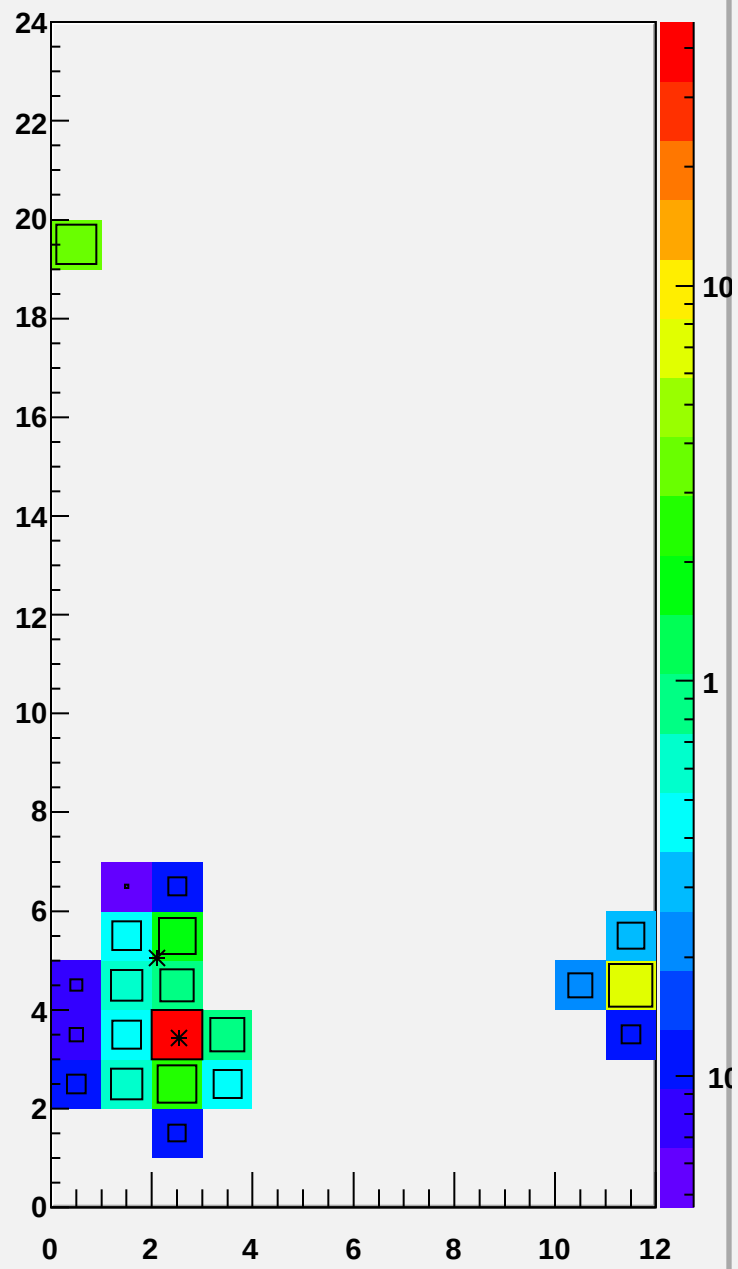
Fitted Energies



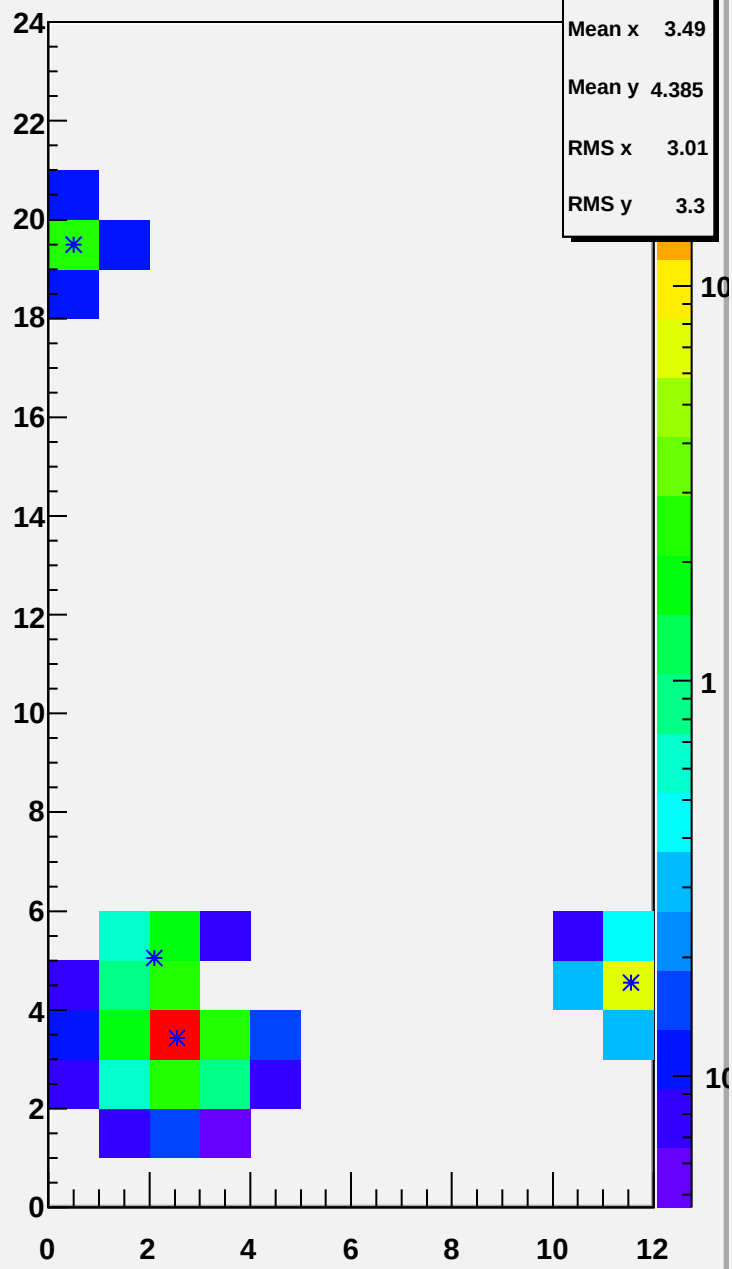
Efit

Entries	288
Mean x	2.612
Mean y	3.846
RMS x	0.4905
RMS y	0.8104

NSTB3_r4_c3_En=68.0_m0=0.139 m1=0.140 index=1751



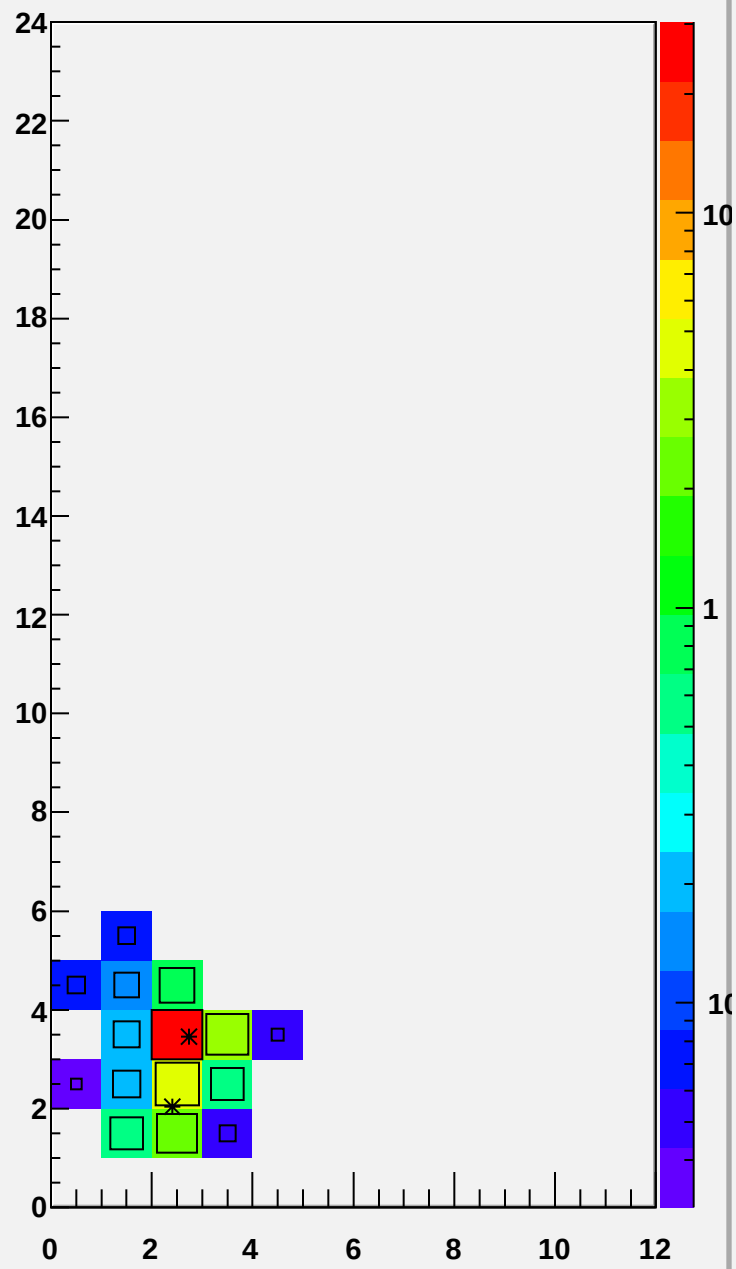
Fitted Energies



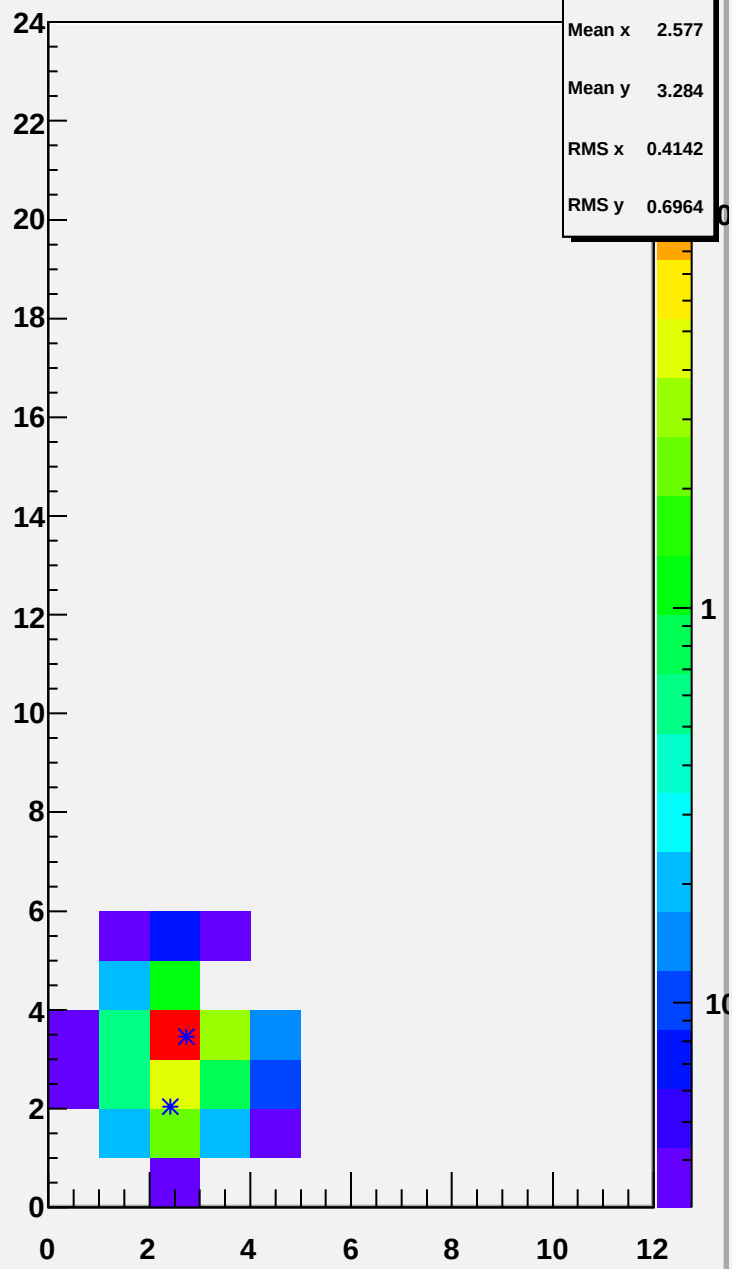
Efit

Entries	288
Mean x	3.49
Mean y	4.385
RMS x	3.01
RMS y	3.3

NSTB3_r4_c3_En=44.0_m0=0.128 m1=0.128 index=1754



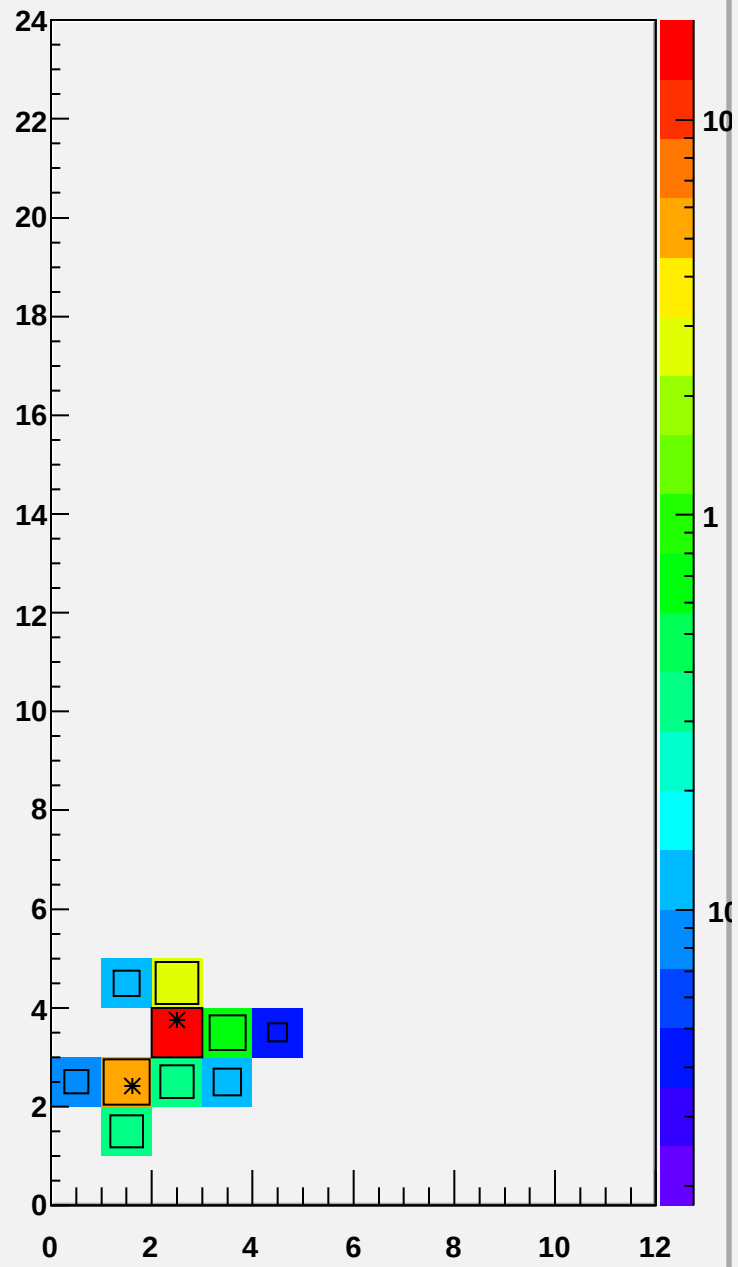
Fitted Energies



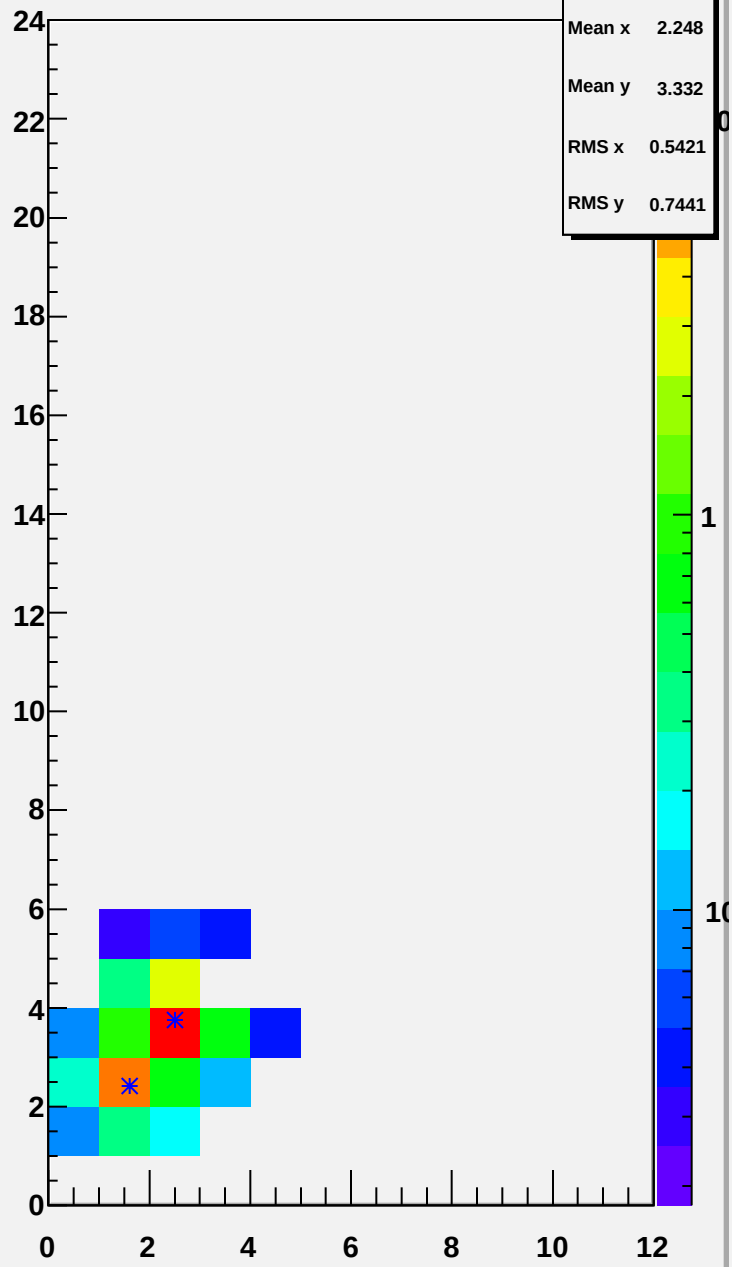
Efit

Entries	288
Mean x	2.577
Mean y	3.284
RMS x	0.4142
RMS y	0.6964

NSTB3_r4_c3_En=28.3_m0=0.118 m1=0.118 index=1755



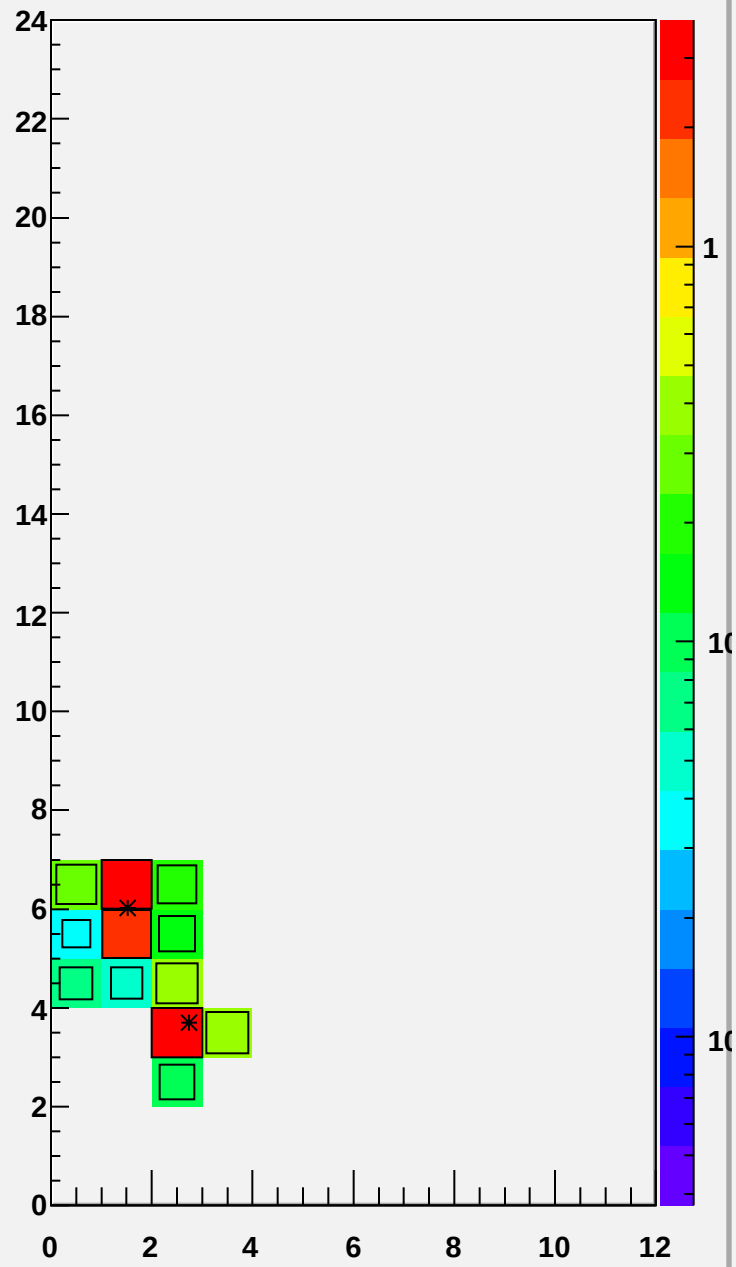
Fitted Energies



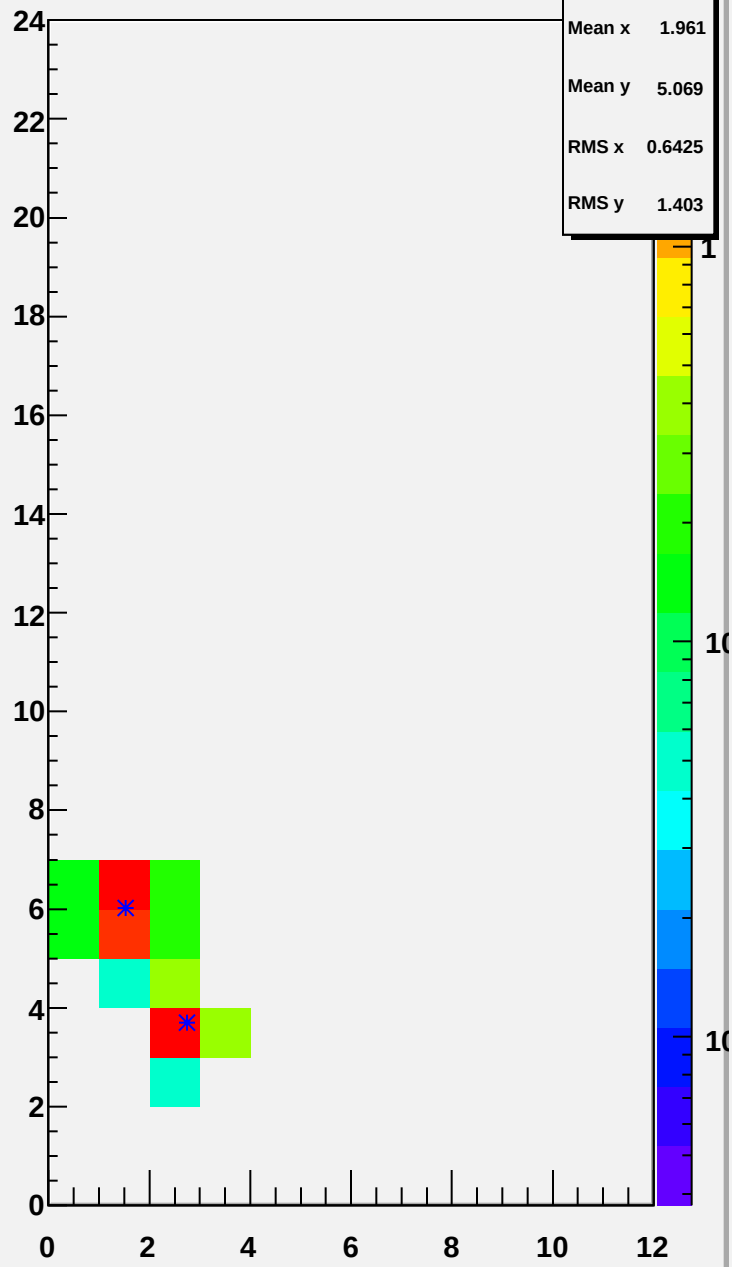
Efit

Entries	288
Mean x	2.248
Mean y	3.332
RMS x	0.5421
RMS y	0.7441

NSTB3_r4_c3_En=11.6_m0=0.086 m1=0.086 index=1756



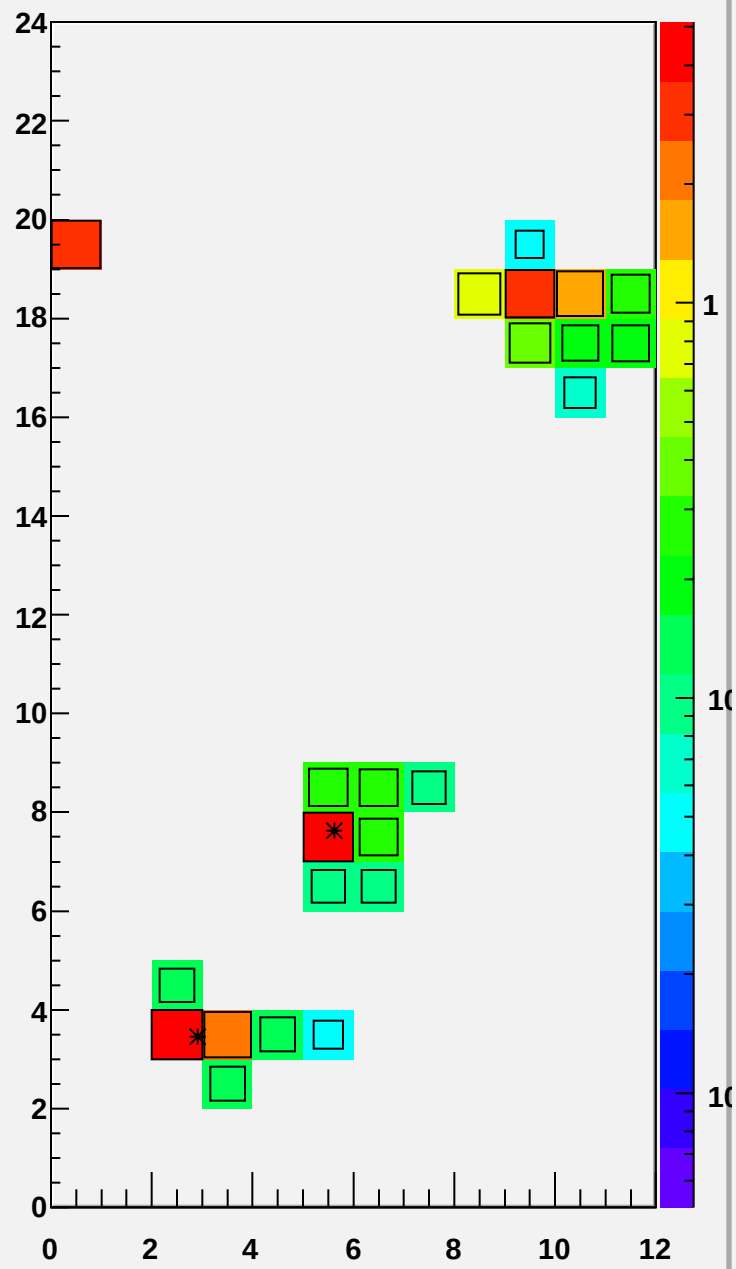
Fitted Energies



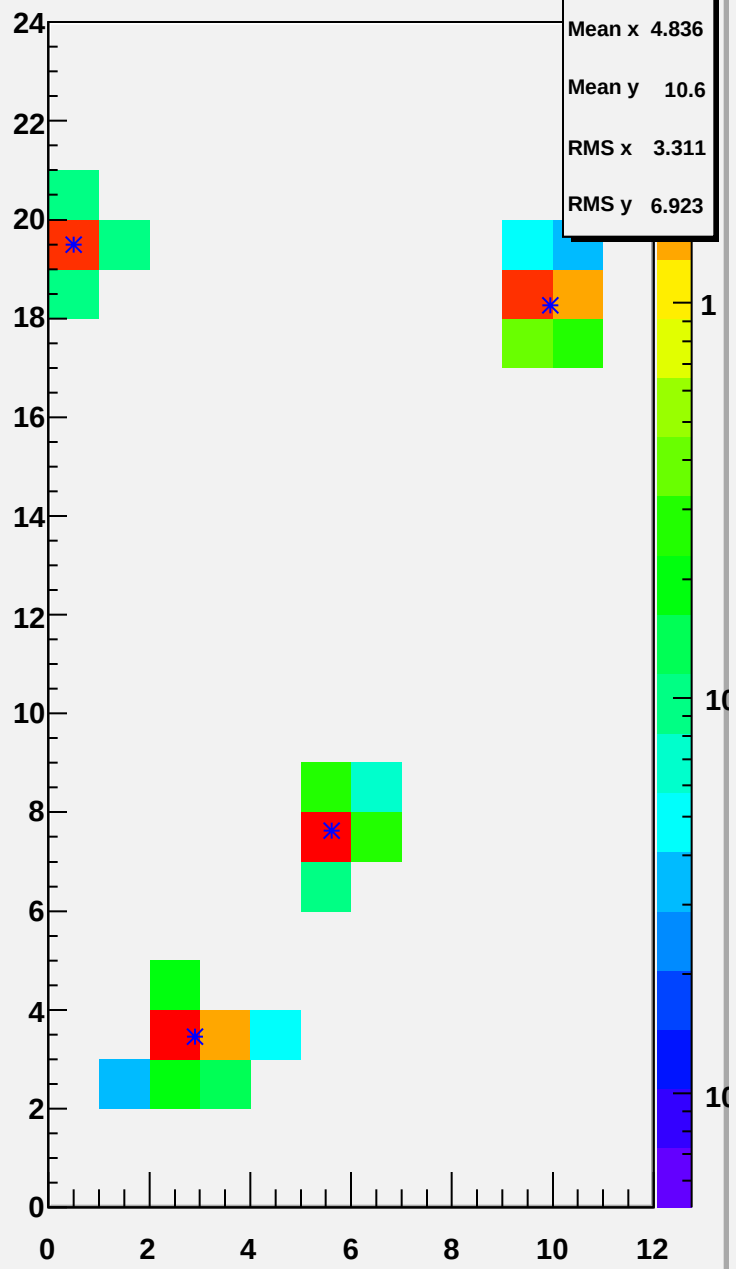
Efit

Entries	288
Mean x	1.961
Mean y	5.069
RMS x	0.6425
RMS y	1.403

NSTB3_r4_c3_En=22.4_m0=0.177 m1=0.177 index=1757



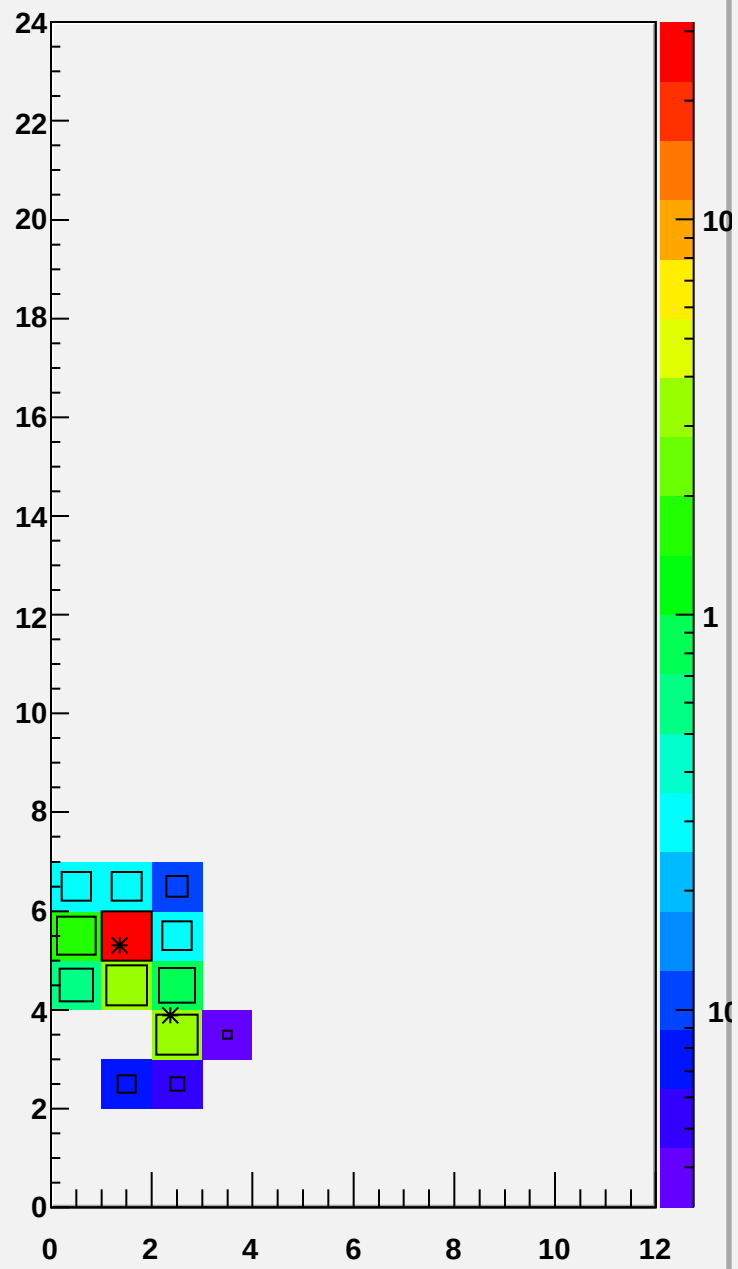
Fitted Energies



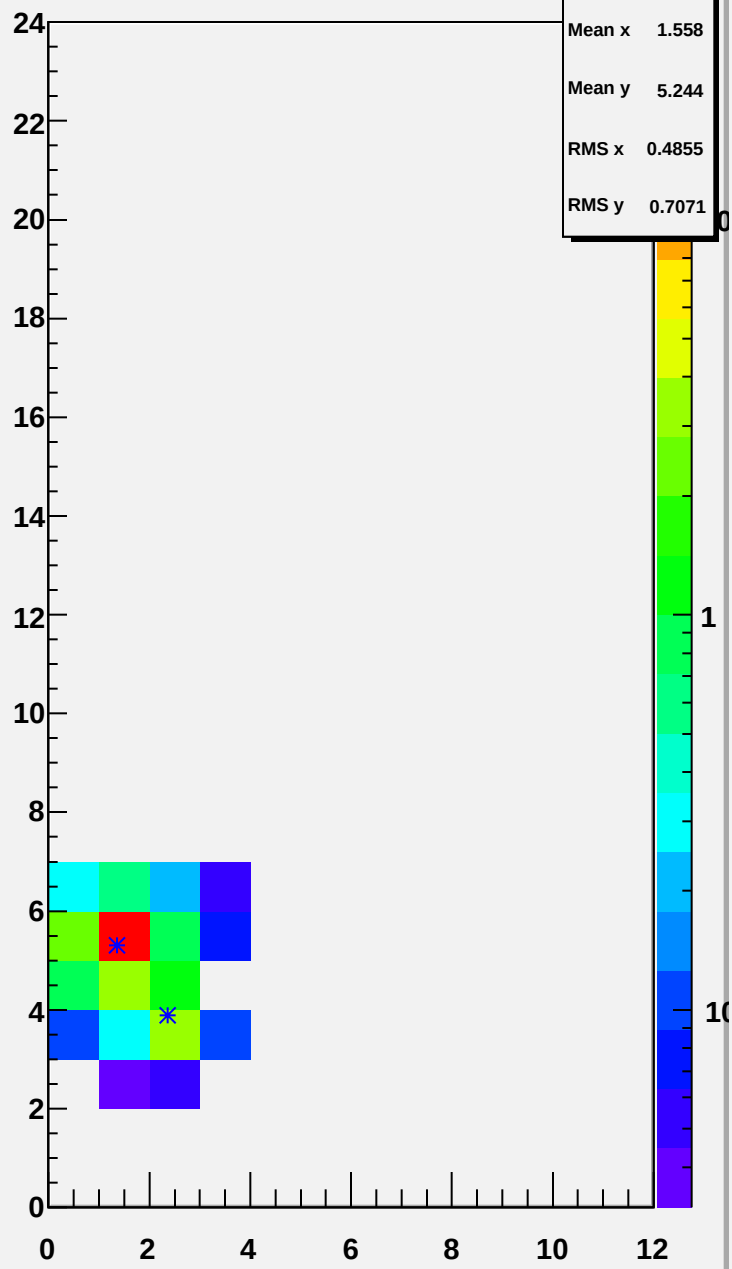
Efit

Entries 288
Mean x 4.836
Mean y 10.6
RMS x 3.311
RMS y 6.923

NSTB3_r4_c3_En=42.6_m0=0.132 m1=0.133 index=1758



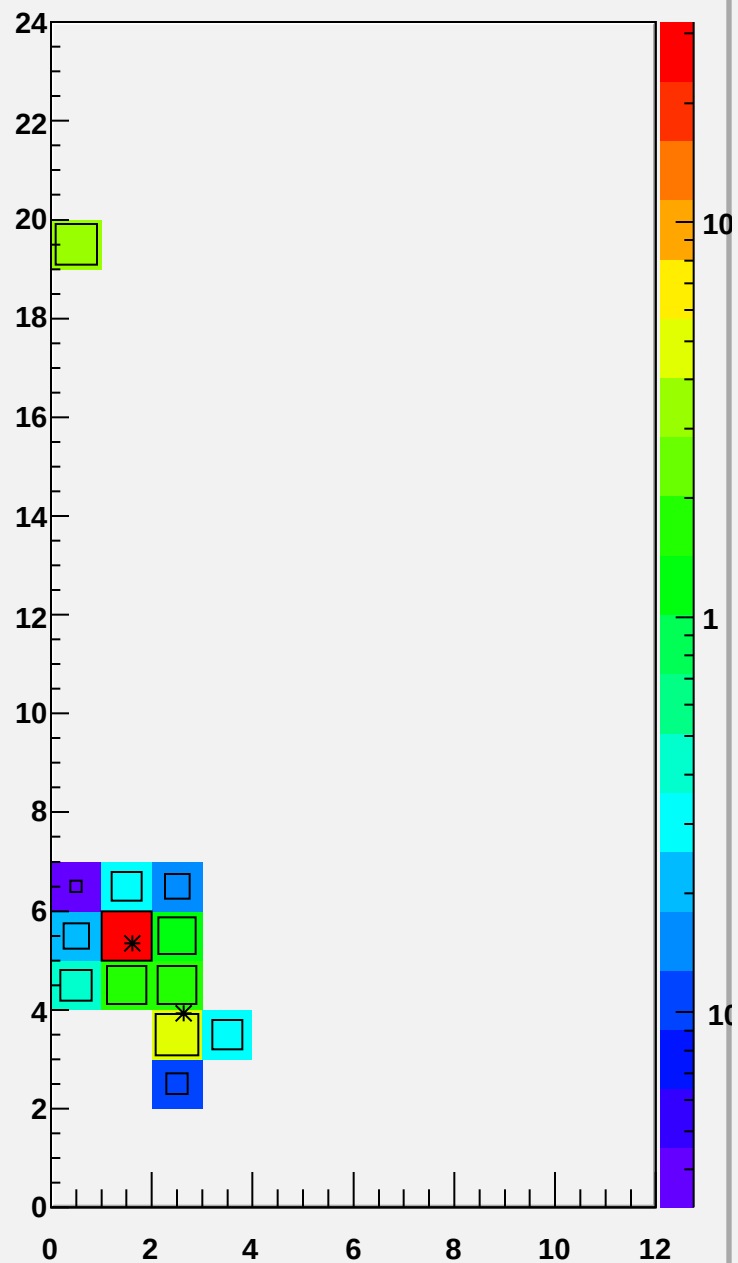
Fitted Energies



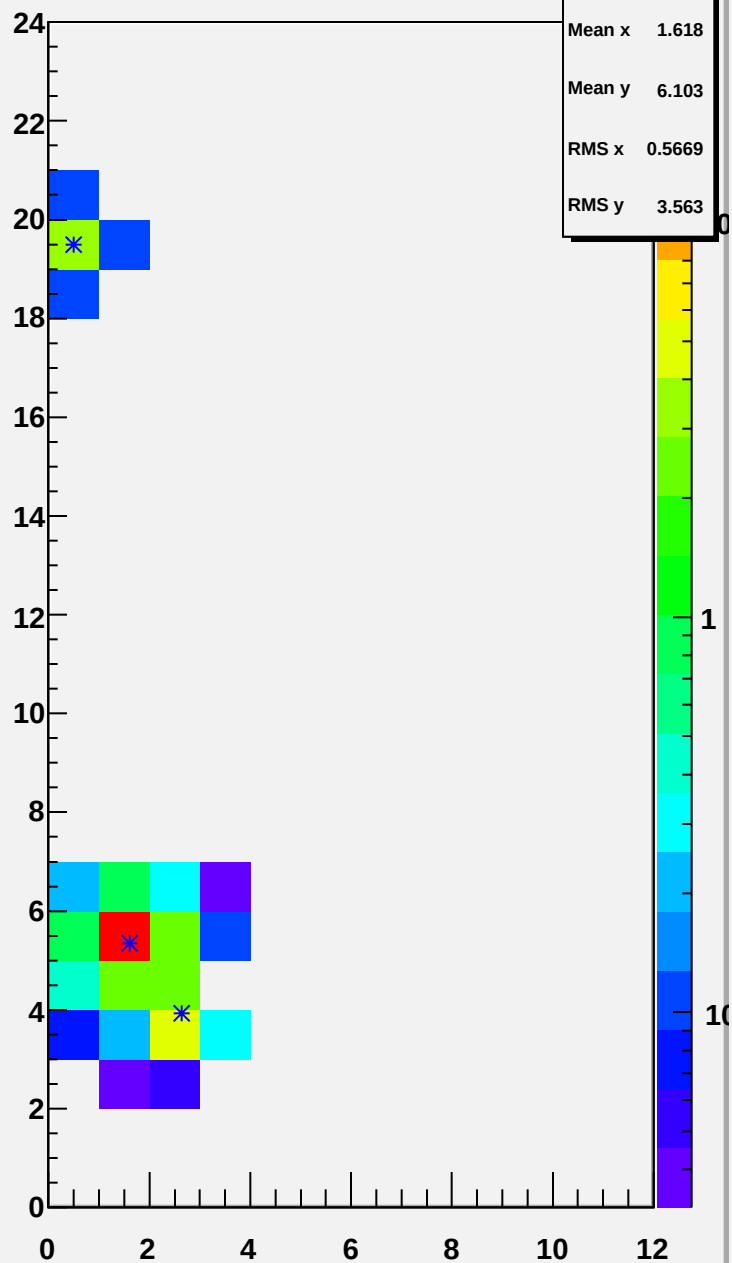
Efit

Entries	288
Mean x	1.558
Mean y	5.244
RMS x	0.4855
RMS y	0.7071

NSTB3_r4_c3_En=46.6_m0=0.166_m1=0.165_index=1759



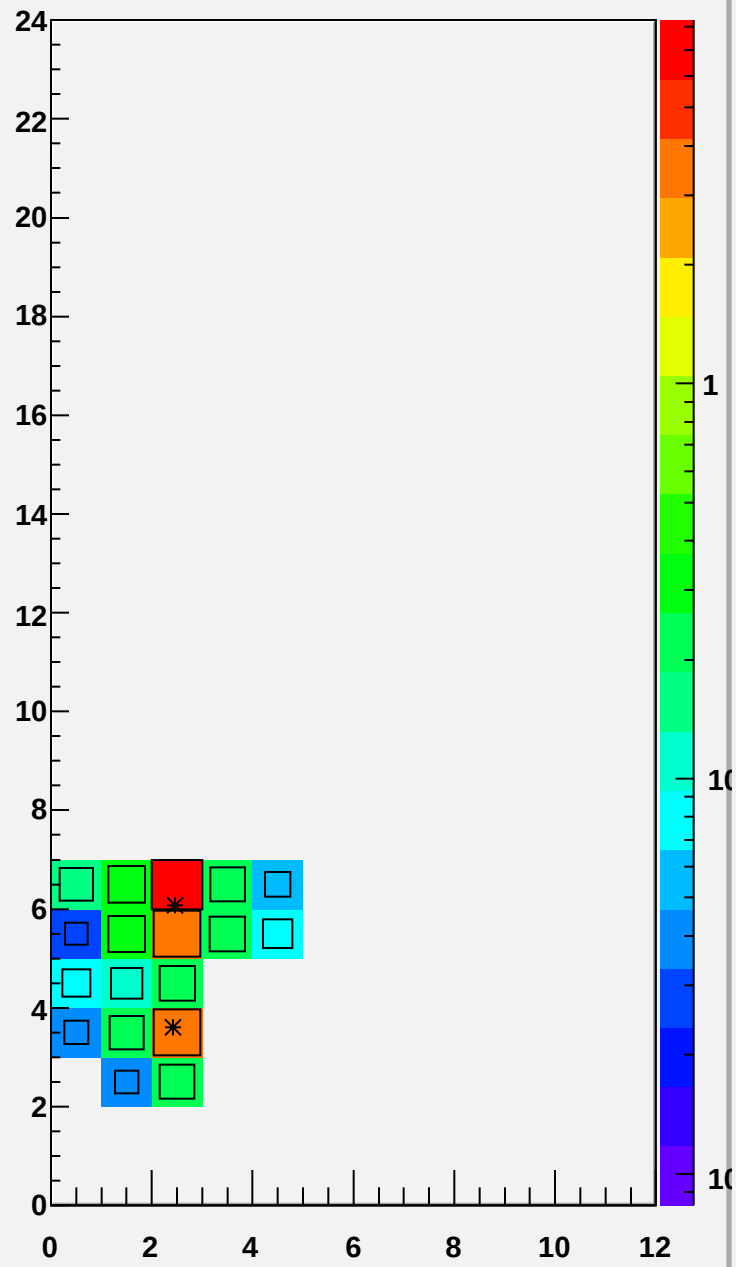
Fitted Energies



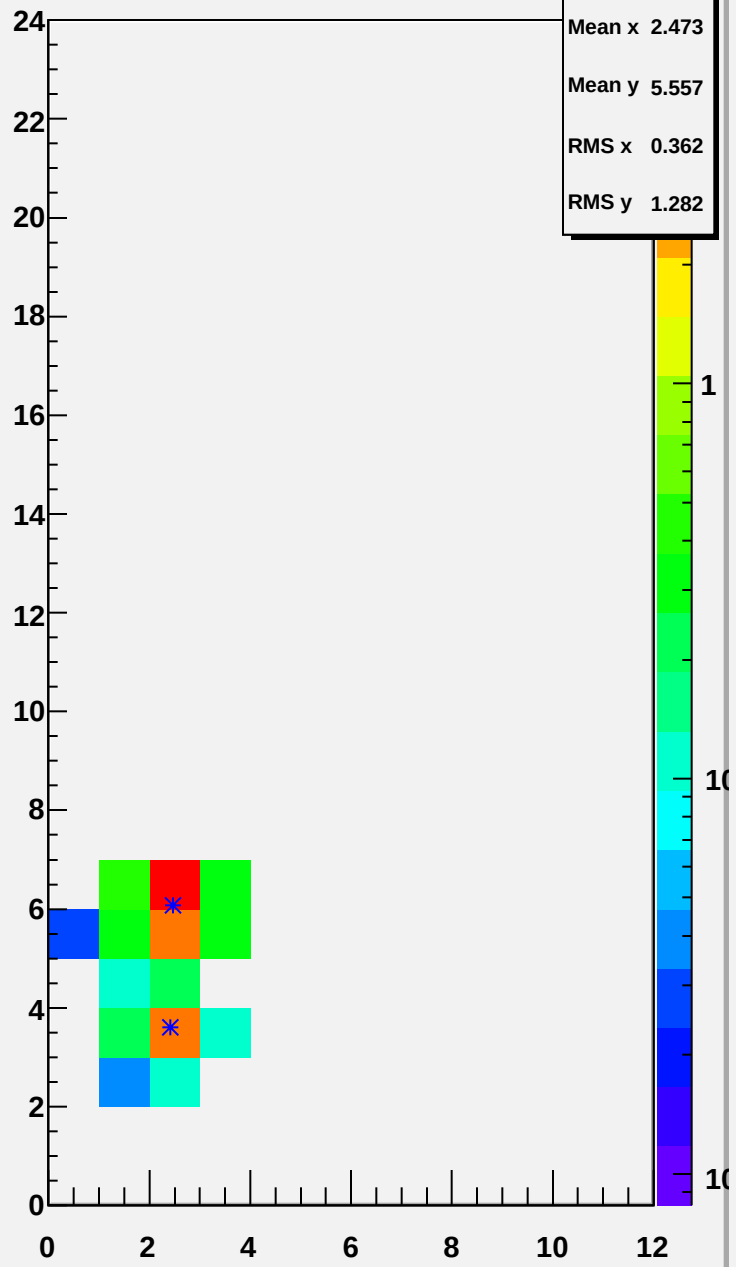
Efit

Entries	288
Mean x	1.618
Mean y	6.103
RMS x	0.5669
RMS y	3.563

NSTB3_r4_c3_En=17.8_m0=0.105 m1=0.105 index=1760



Fitted Energies



Efit

Entries 288

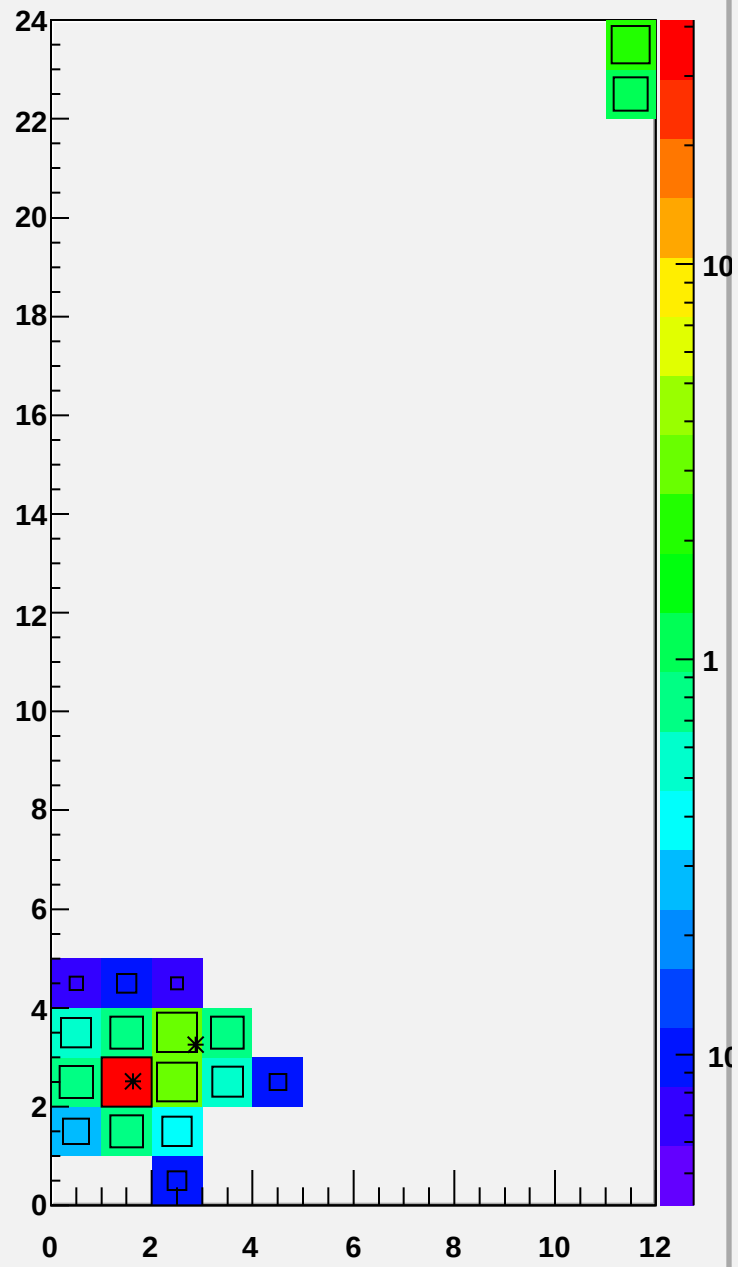
Mean x 2.473

Mean y 5.557

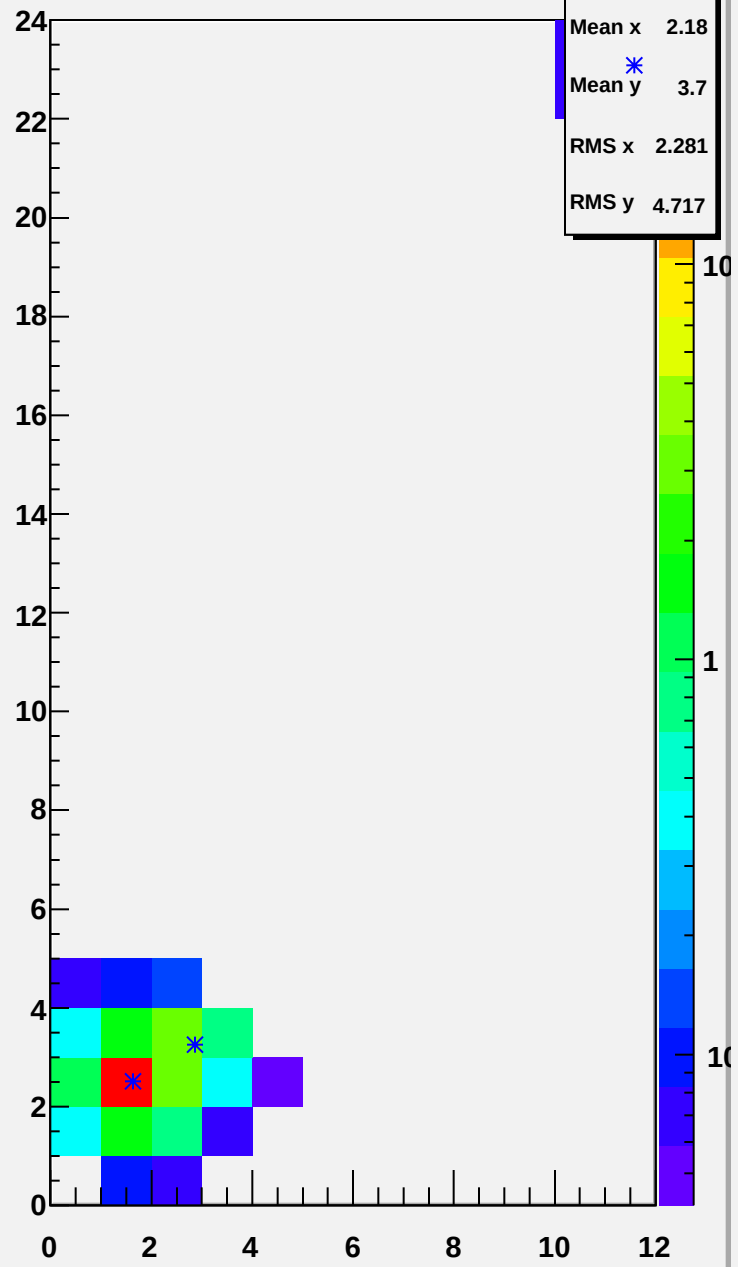
RMS x 0.362

RMS y 1.282

NSTB3_r4_c3_En=56.4_m0=0.111 m1=0.111 index=1761



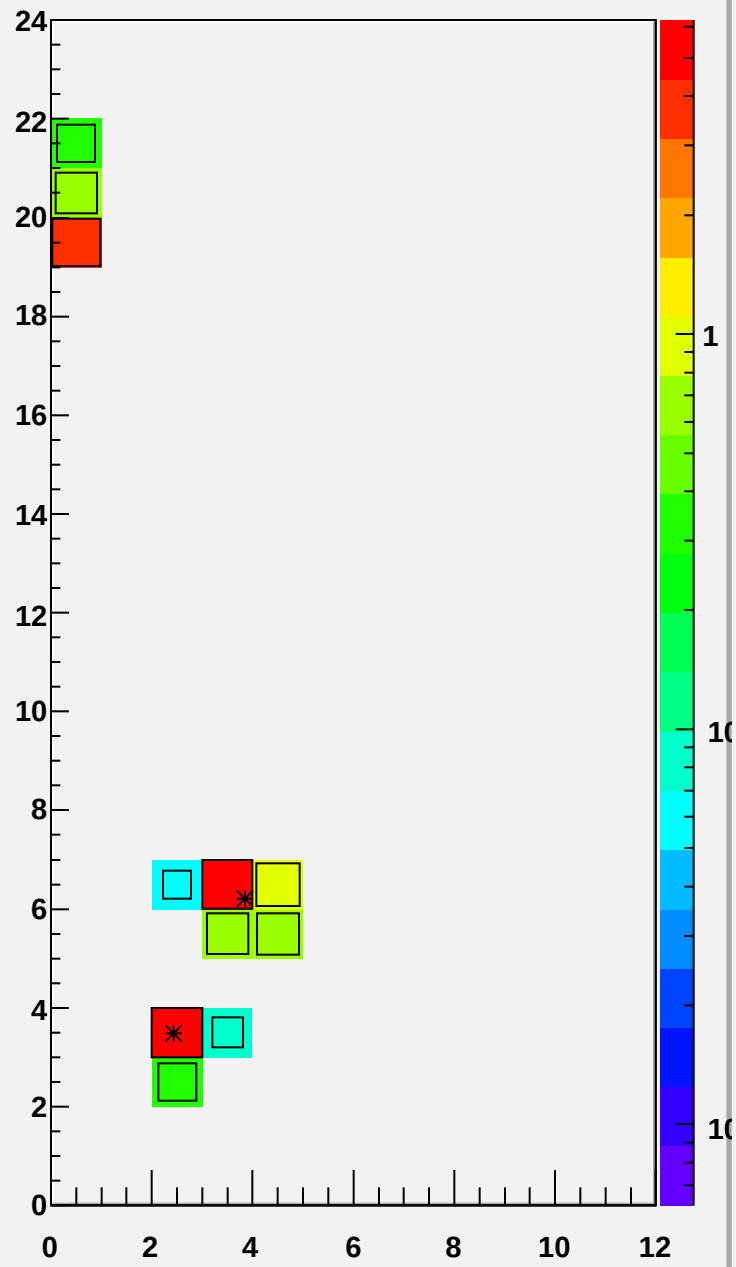
Fitted Energies



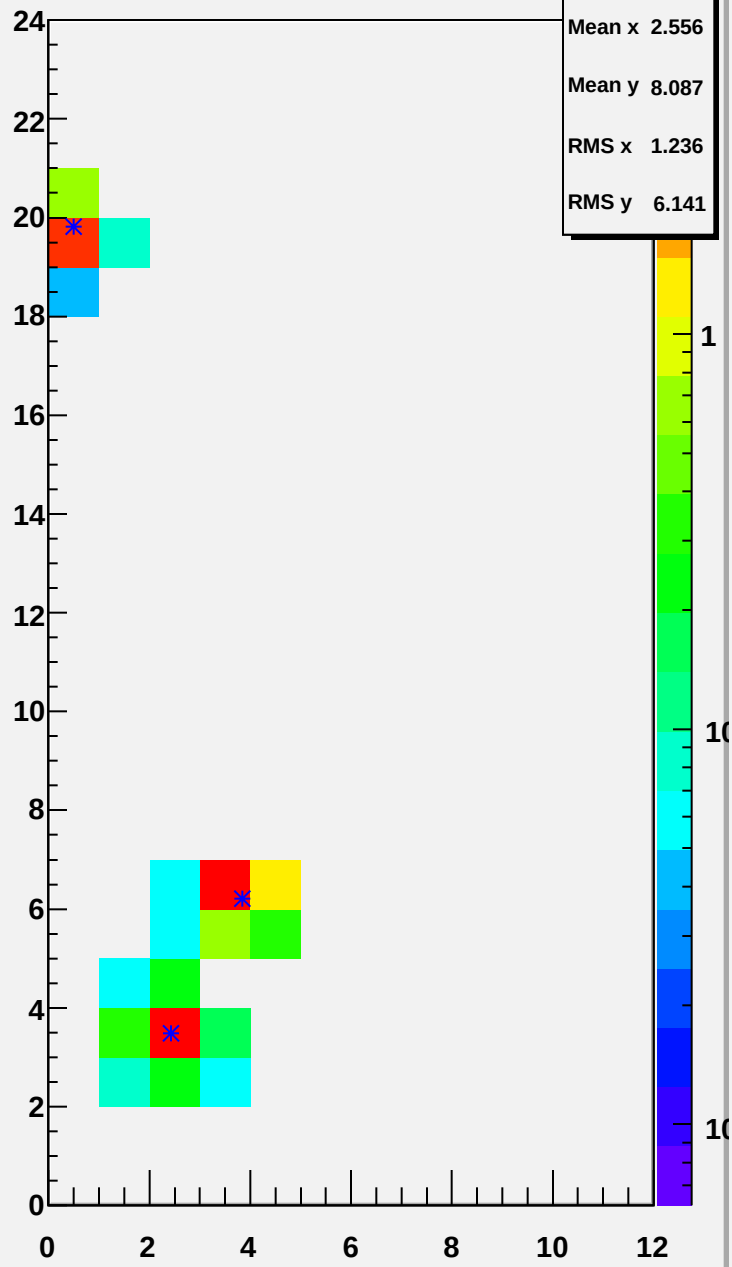
Efit

Entries 288
Mean x 2.18
Mean y 3.7
RMS x 2.281
RMS y 4.717

NSTB3_r4_c3_En=18.6_m0=0.130 m1=0.130 index=1762



Fitted Energies



Efit

Entries 288

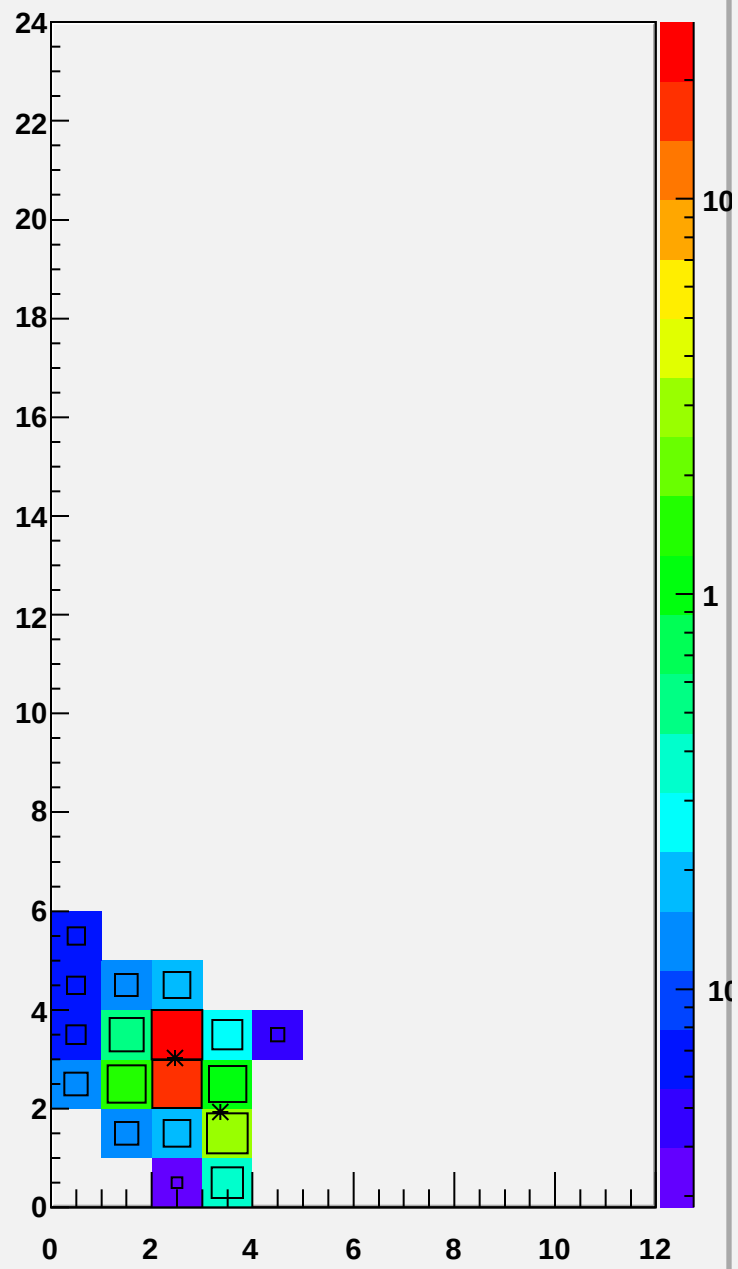
Mean x 2.556

Mean y 8.087

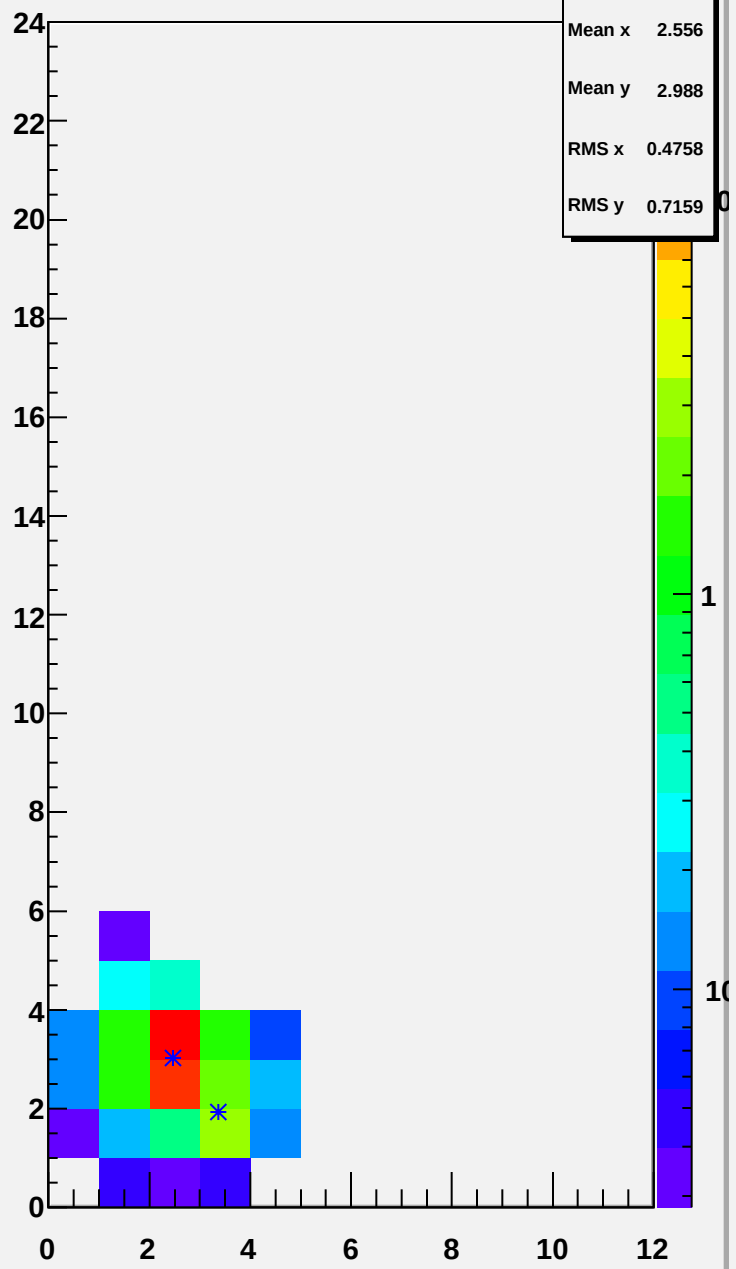
RMS x 1.236

RMS y 6.141

NSTB3_r4_c3_En=54.9_m0=0.121 m1=0.122 index=1763



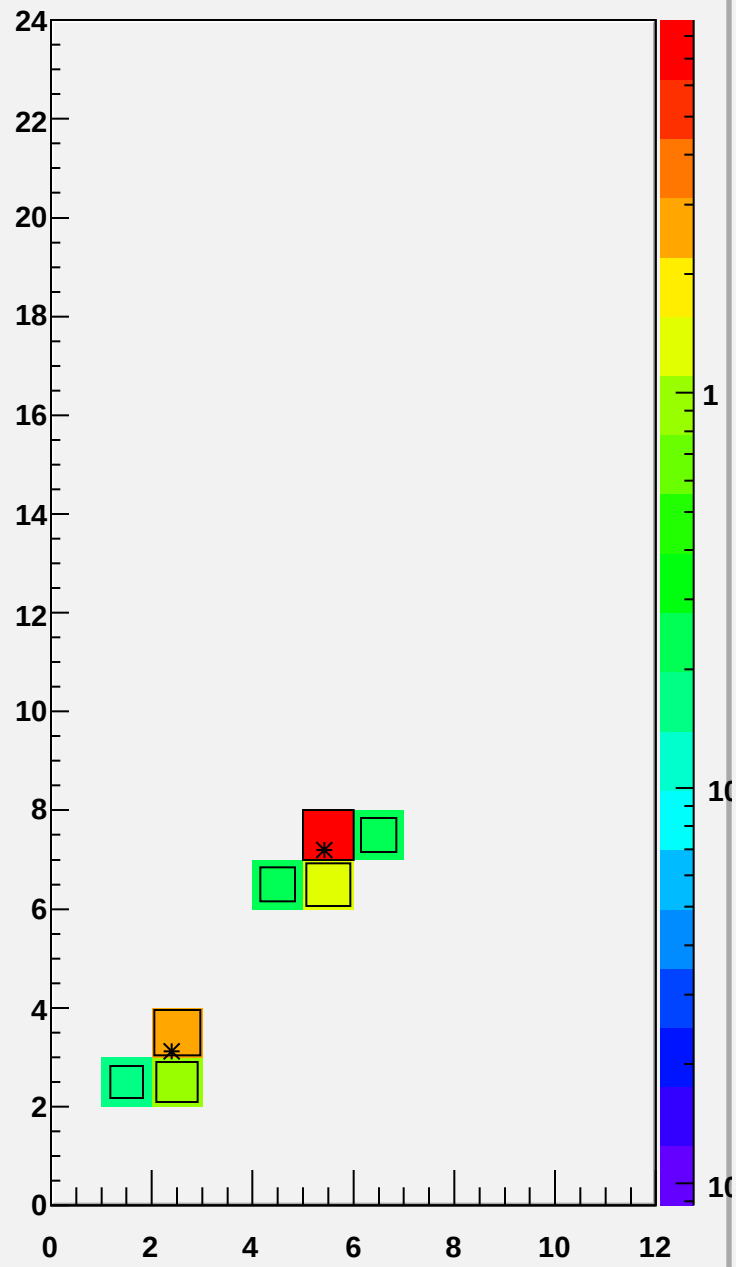
Fitted Energies



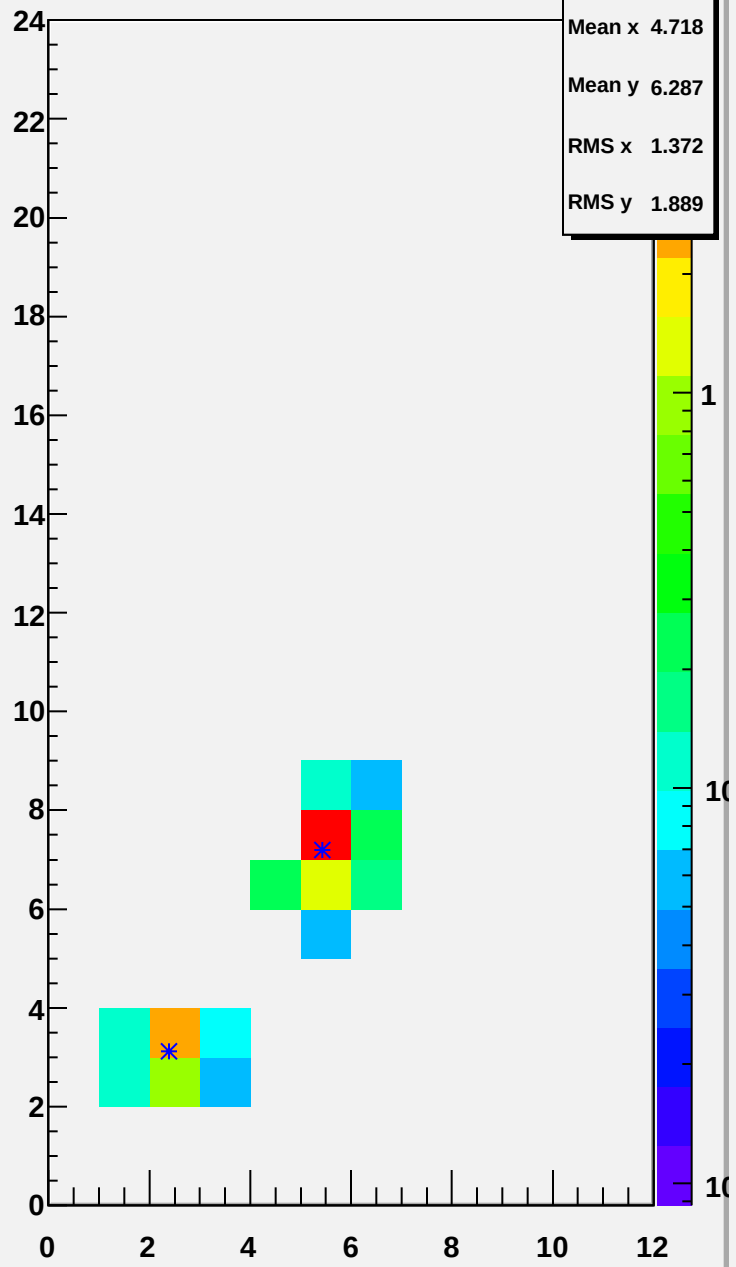
Efit

Entries	288
Mean x	2.556
Mean y	2.988
RMS x	0.4758
RMS y	0.7159

NSTB3_r4_c3_En=14.7_m0=0.199 m1=0.199 index=1765



Fitted Energies



Efit

Entries 288

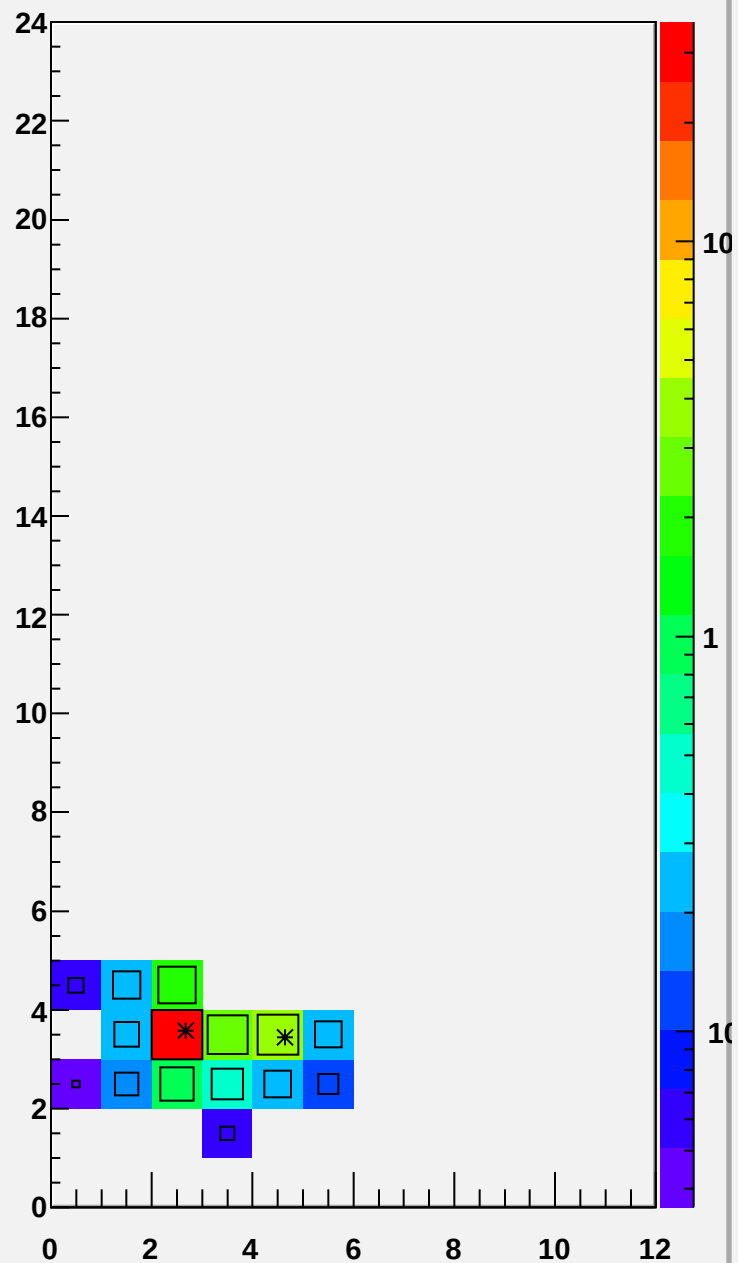
Mean x 4.718

Mean y 6.287

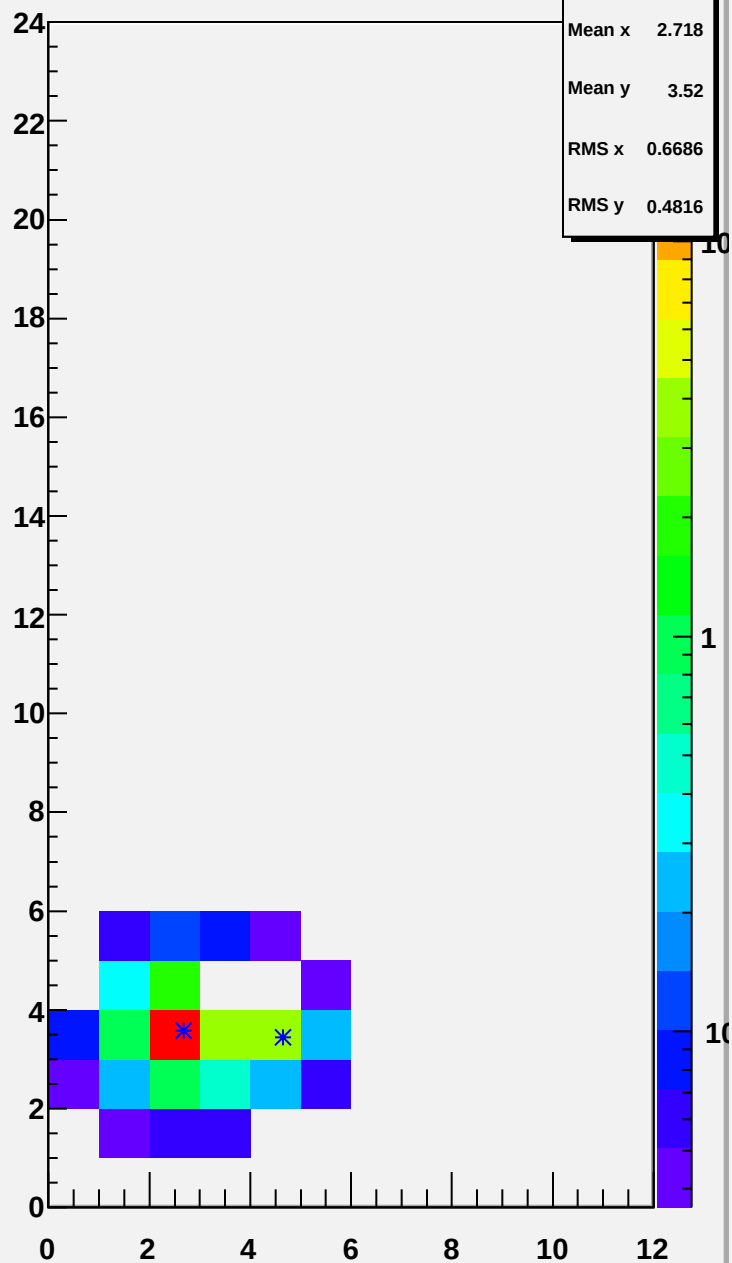
RMS x 1.372

RMS y 1.889

NSTB3_r4_c3_En=46.5_m0=0.142 m1=0.142 index=1766



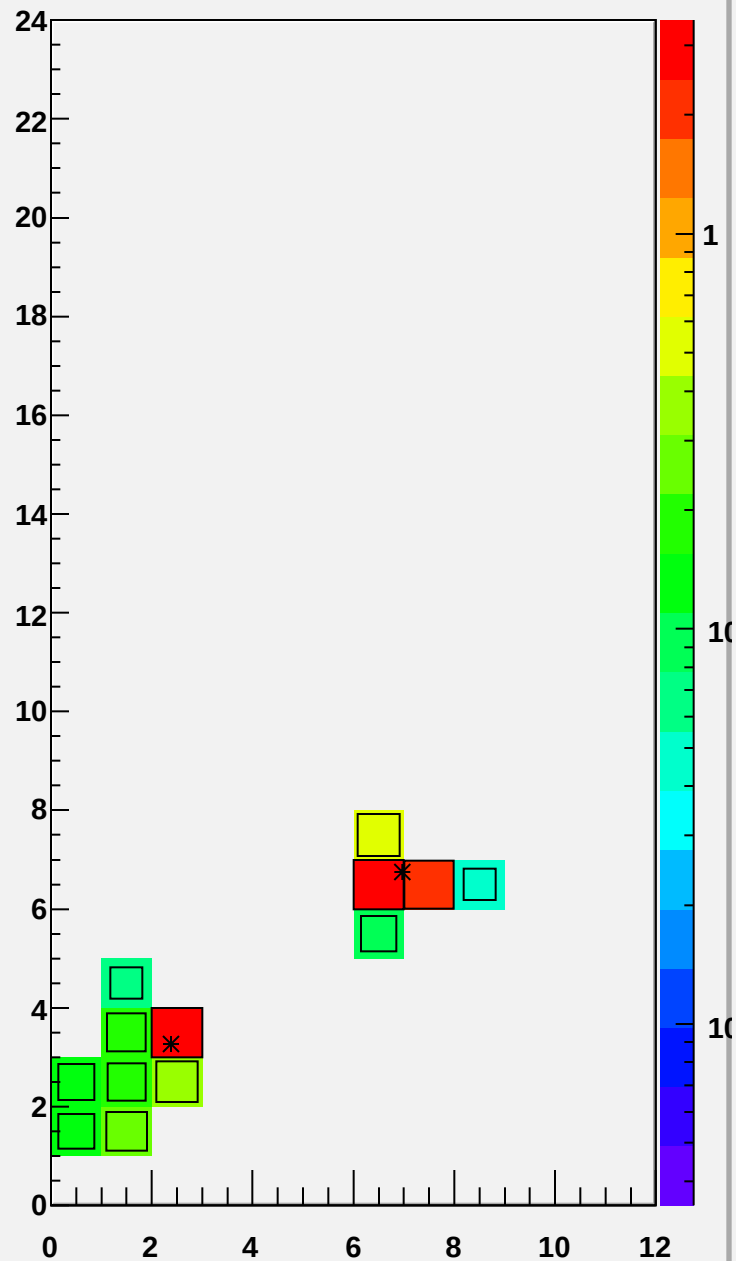
Fitted Energies



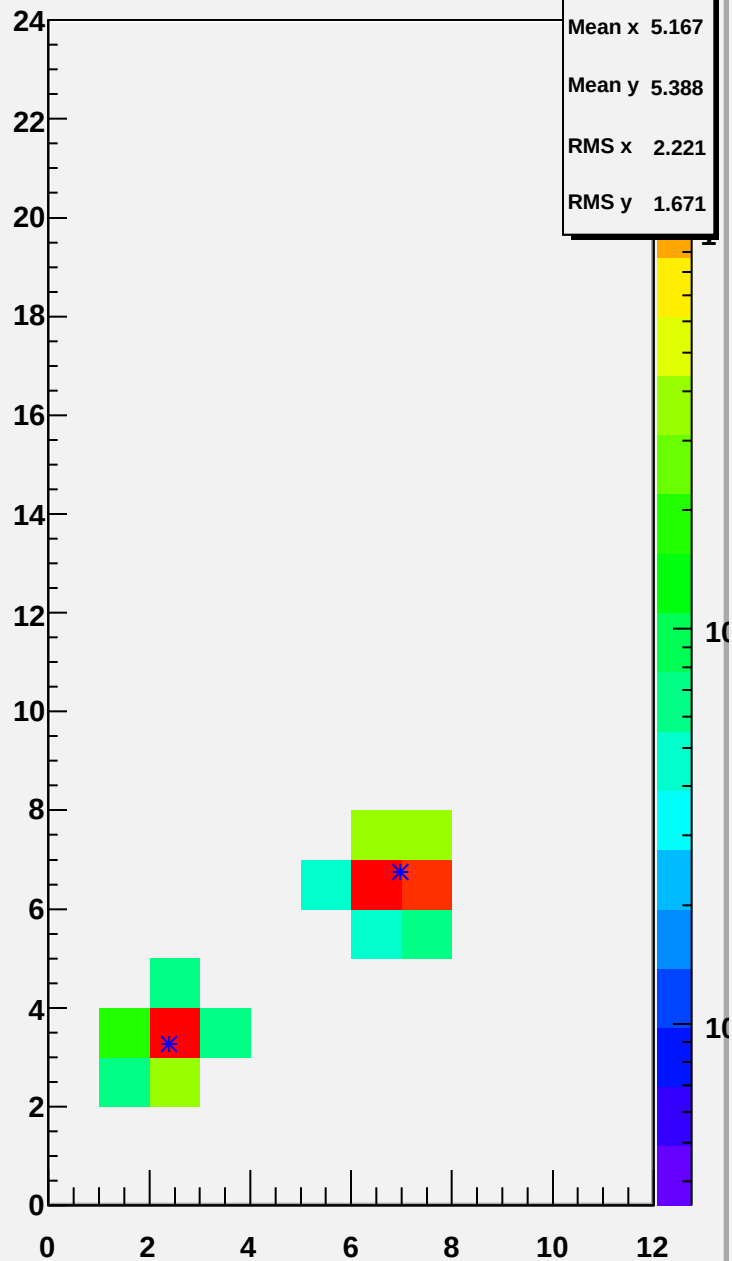
Efit

Entries	288
Mean x	2.718
Mean y	3.52
RMS x	0.6686
RMS y	0.4816

NSTB3_r4_c3_En=11.2_m0=0.178 m1=0.178 index=1767



Fitted Energies



Efit

Entries 288

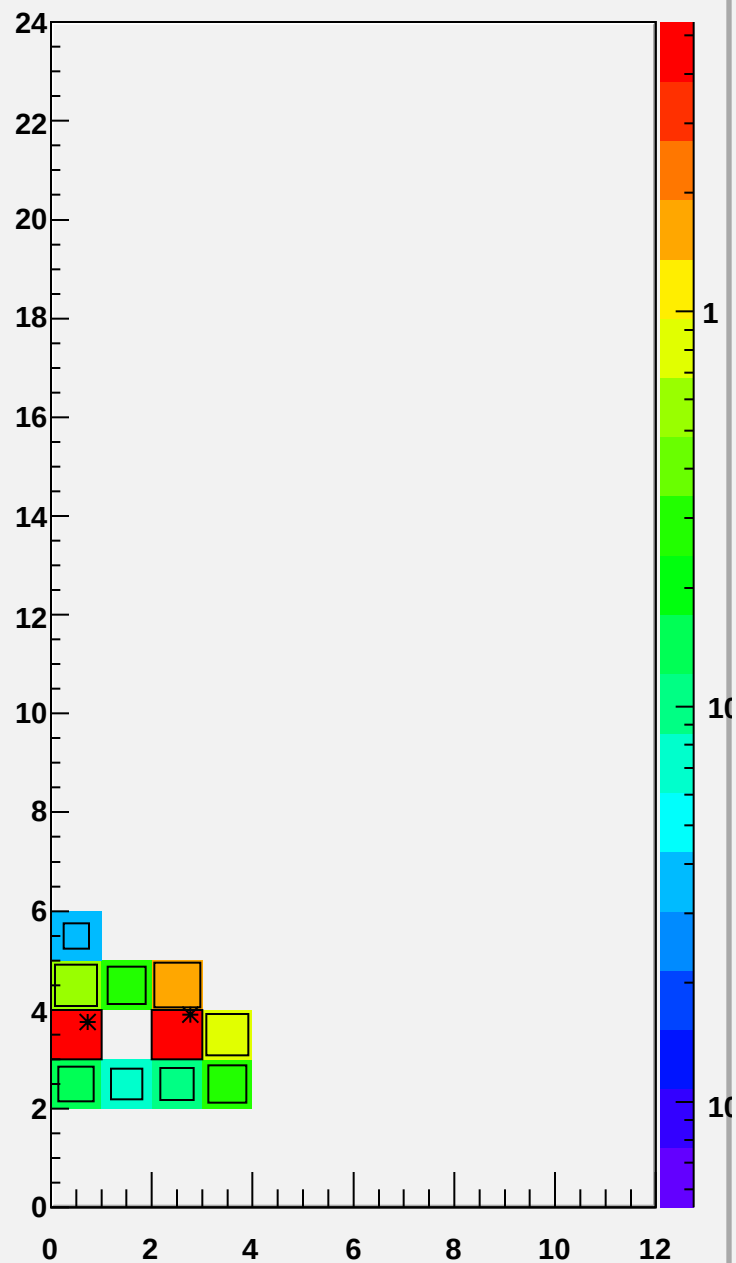
Mean x 5.167

Mean y 5.388

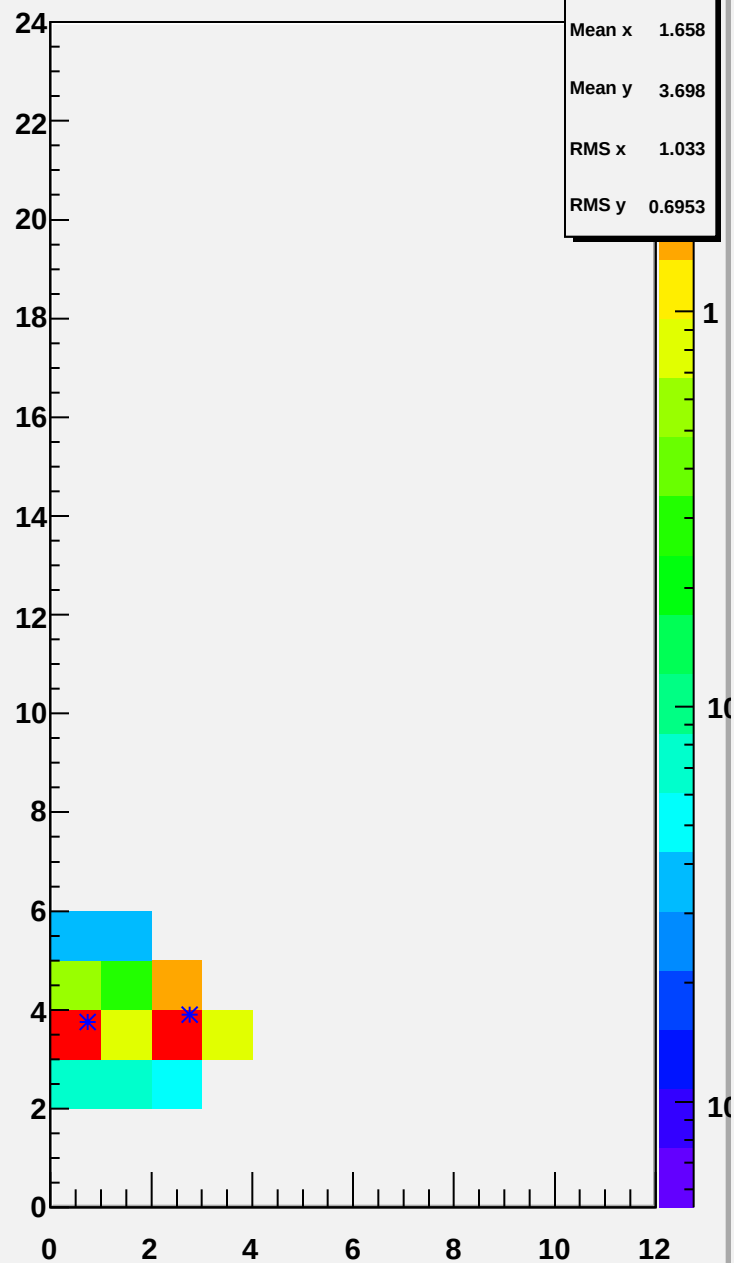
RMS x 2.221

RMS y 1.671

NSTB3_r4_c3_En=14.6_m0=0.088 m1=0.088 index=1770



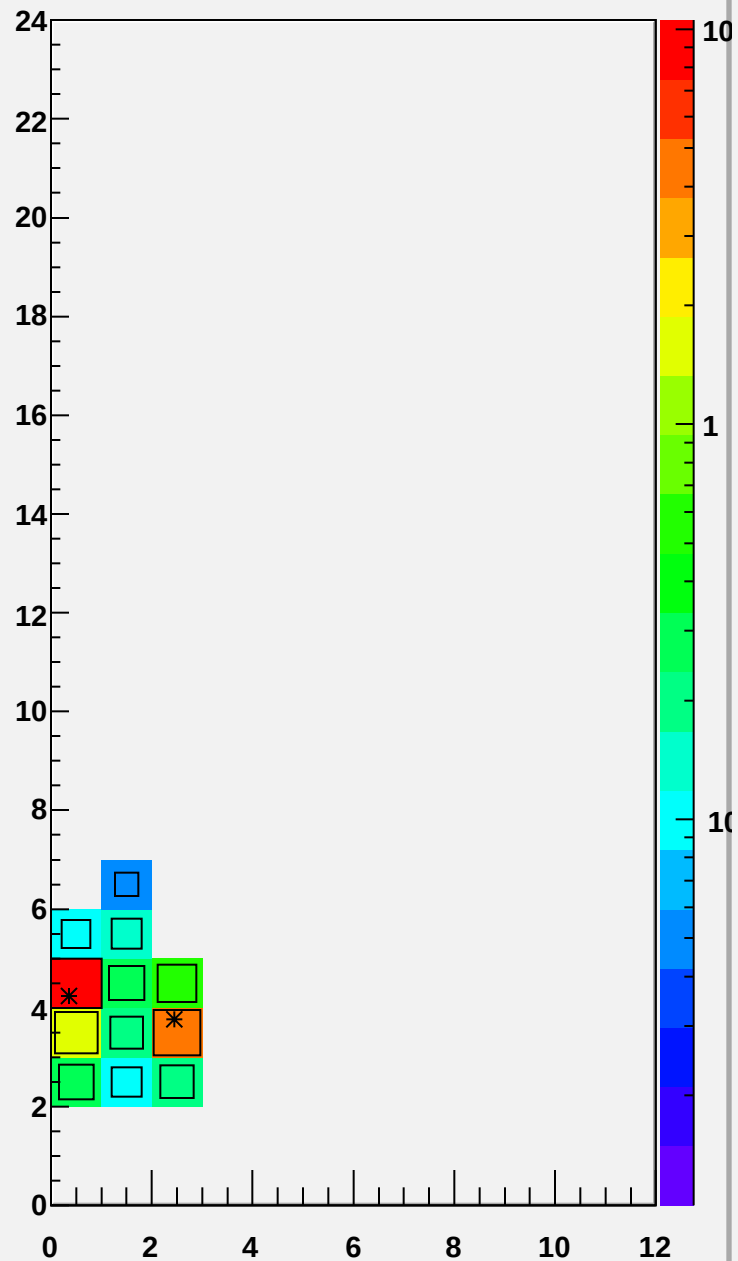
Fitted Energies



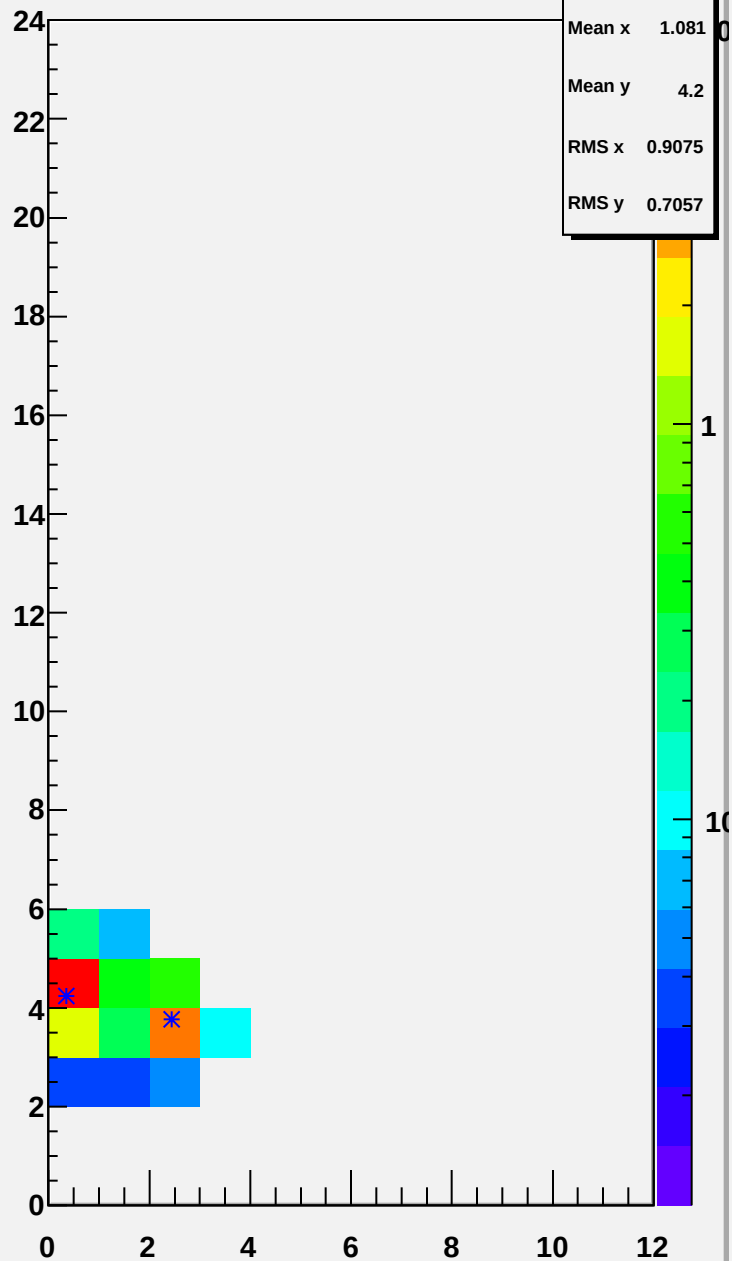
Efit

Entries	288
Mean x	1.658
Mean y	3.698
RMS x	1.033
RMS y	0.6953

NSTB3_r4_c3_En=17.7_m0=0.099 m1=0.099 index=1771



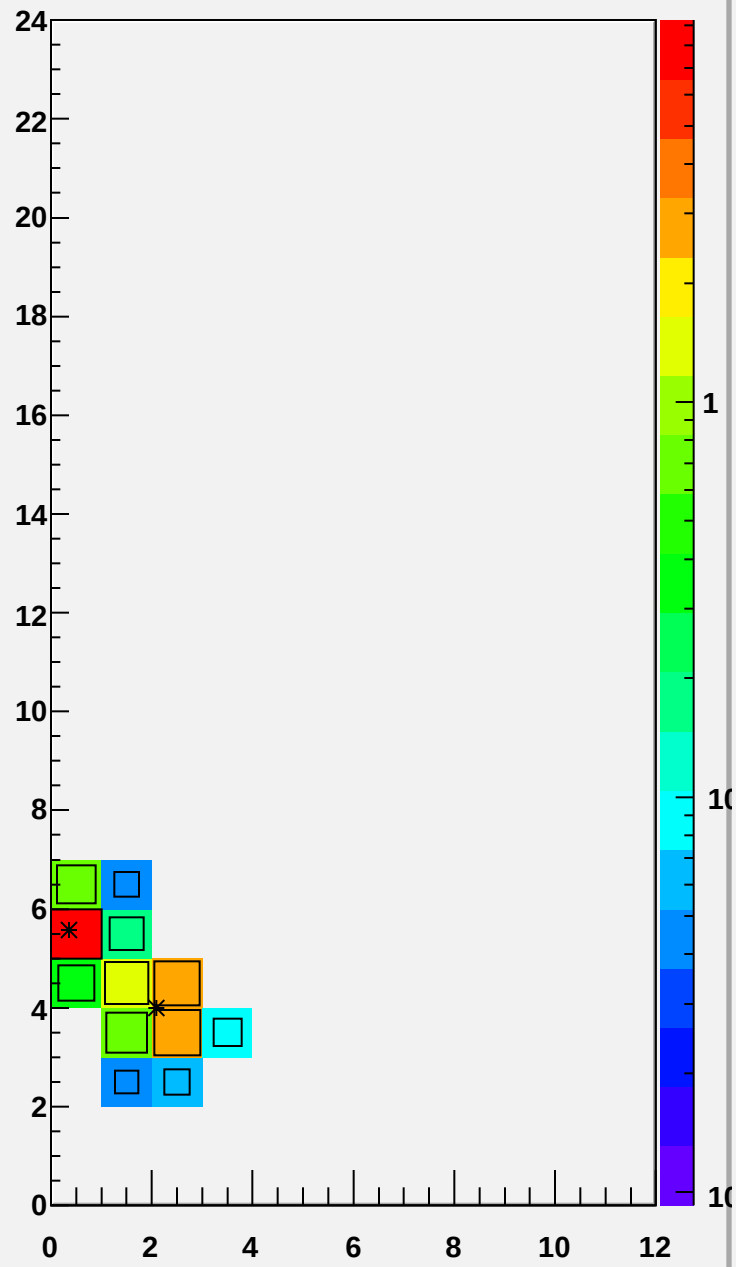
Fitted Energies



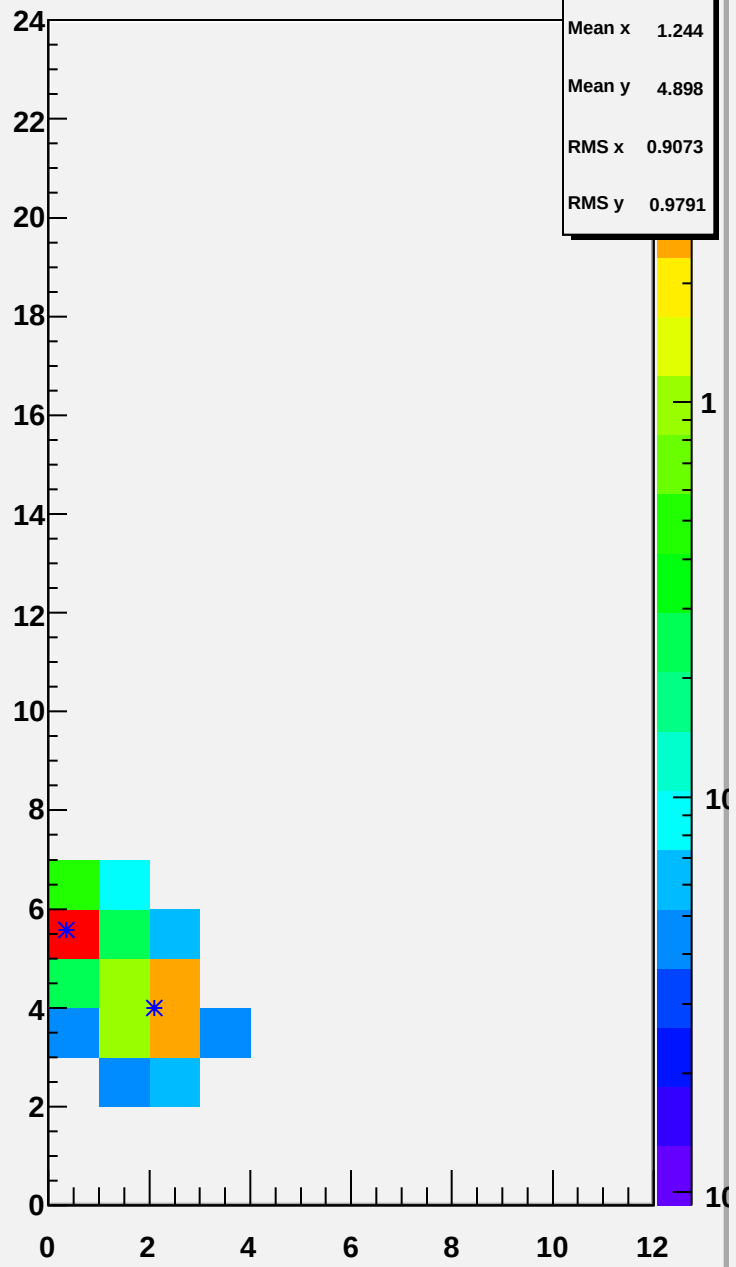
Efit

Entries	288
Mean x	1.081
Mean y	4.2
RMS x	0.9075
RMS y	0.7057

NSTB3_r4_c3_En=18.0_m0=0.124 m1=0.124 index=1772



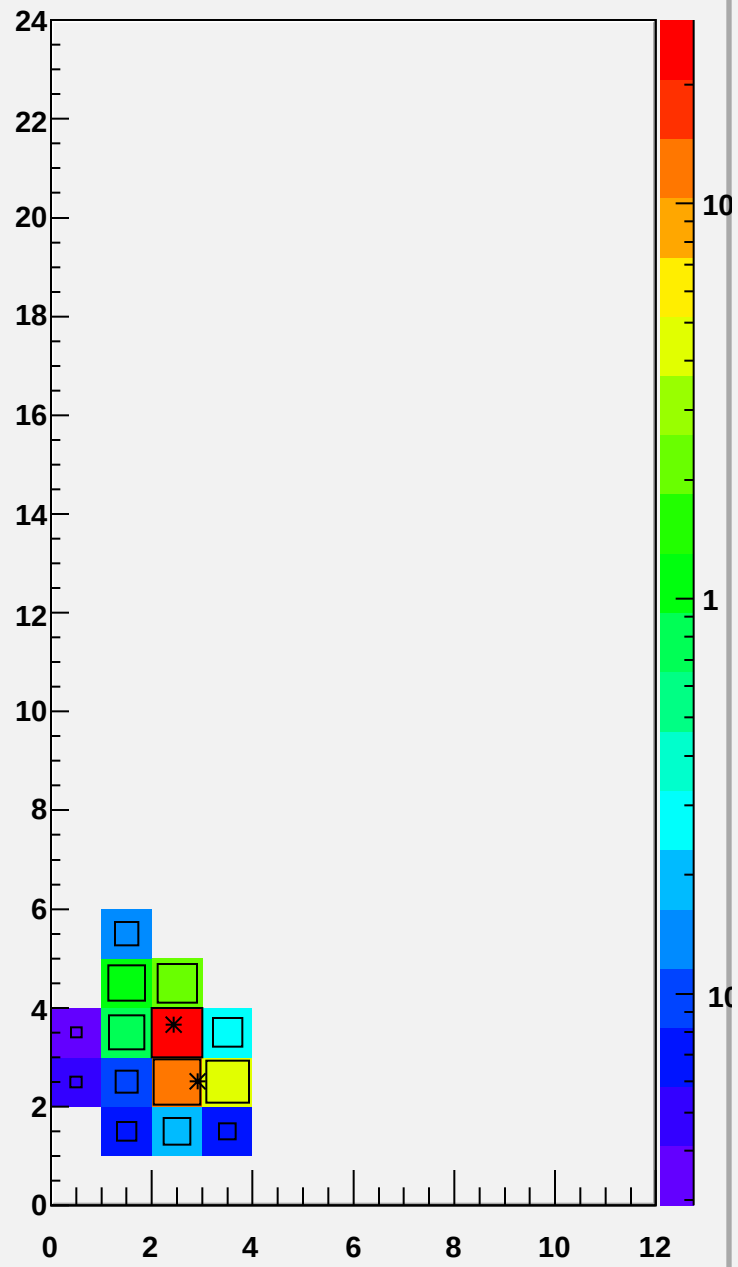
Fitted Energies



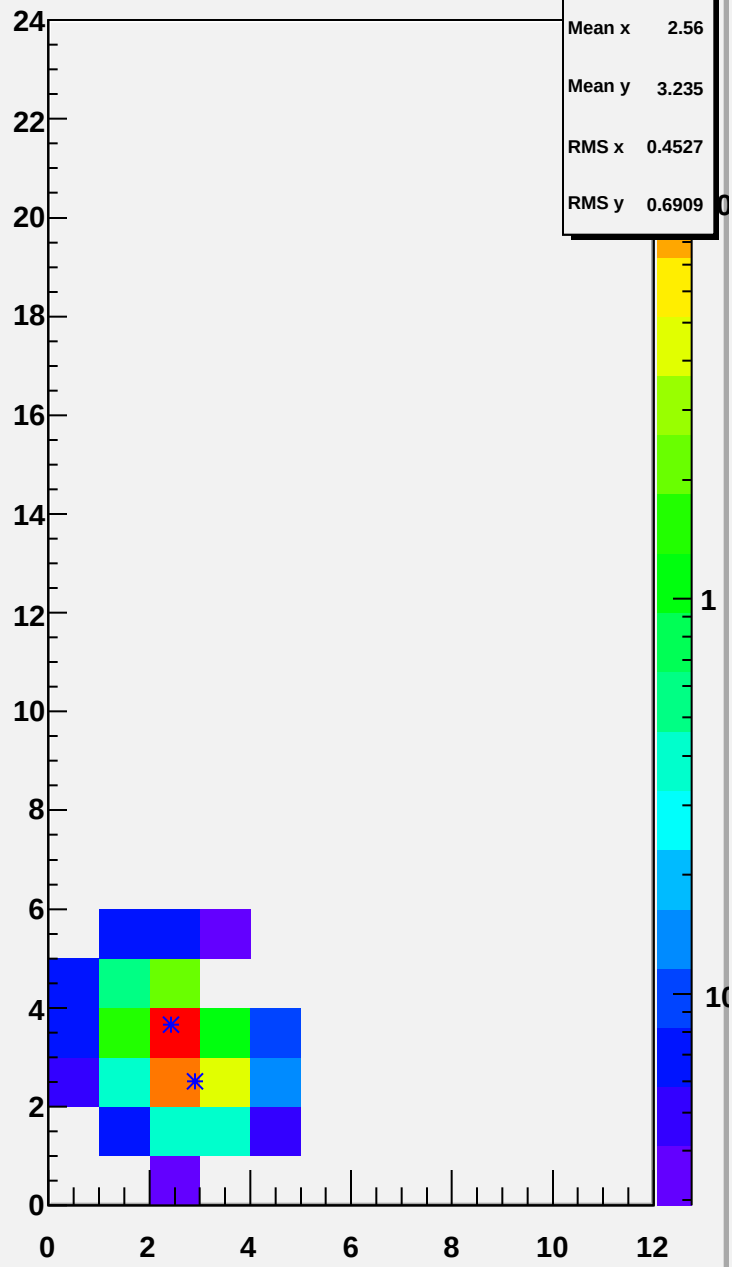
Efit

Entries	288
Mean x	1.244
Mean y	4.898
RMS x	0.9073
RMS y	0.9791

NSTB3_r4_c3_En=49.3_m0=0.157 m1=0.157 index=1774



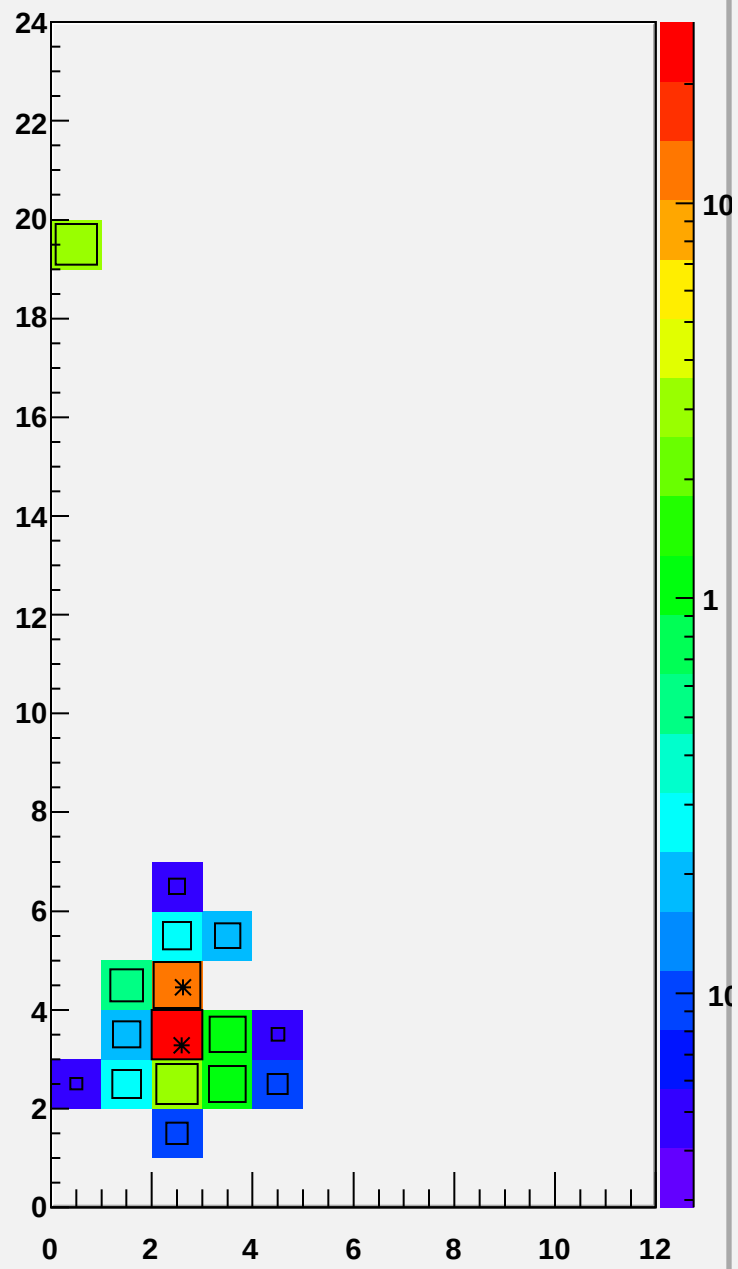
Fitted Energies



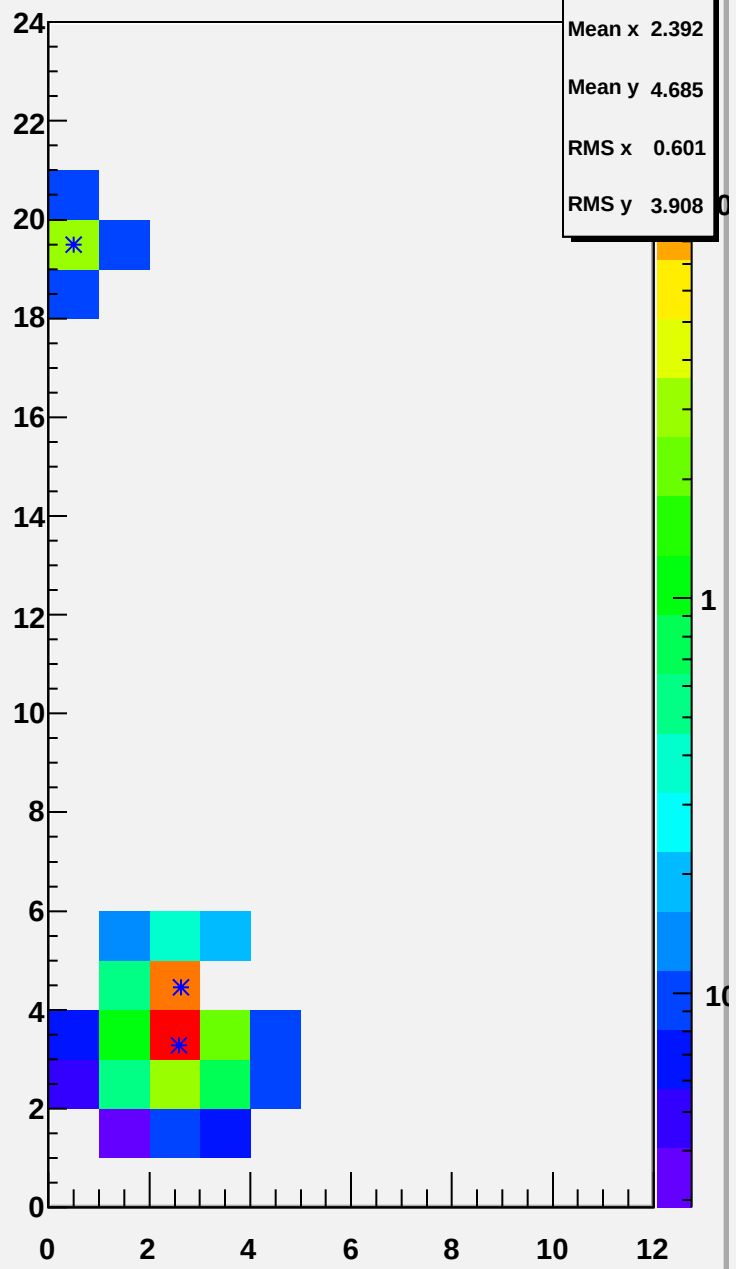
Efit

Entries	288
Mean x	2.56
Mean y	3.235
RMS x	0.4527
RMS y	0.6909

NSTB3_r4_c3_En=49.8_m0=0.138 m1=0.137 index=1775



Fitted Energies



Efit

Entries 288

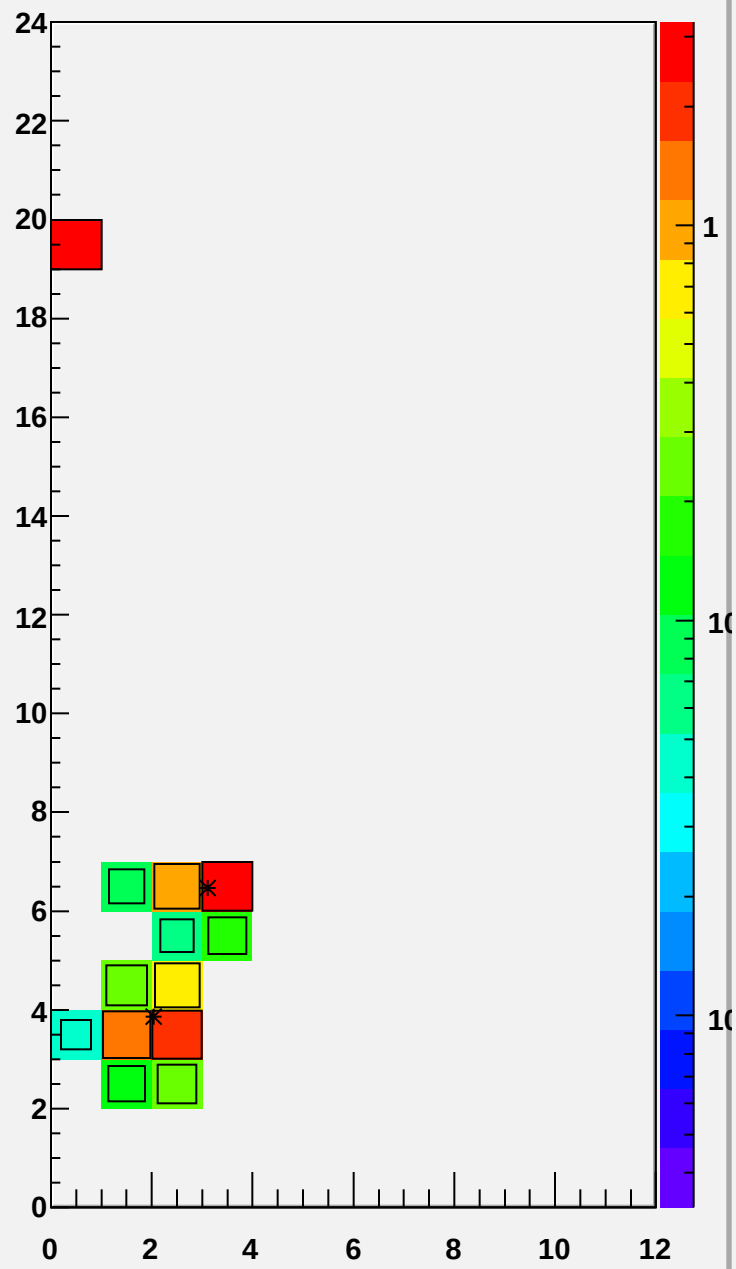
Mean x 2.392

Mean y 4.685

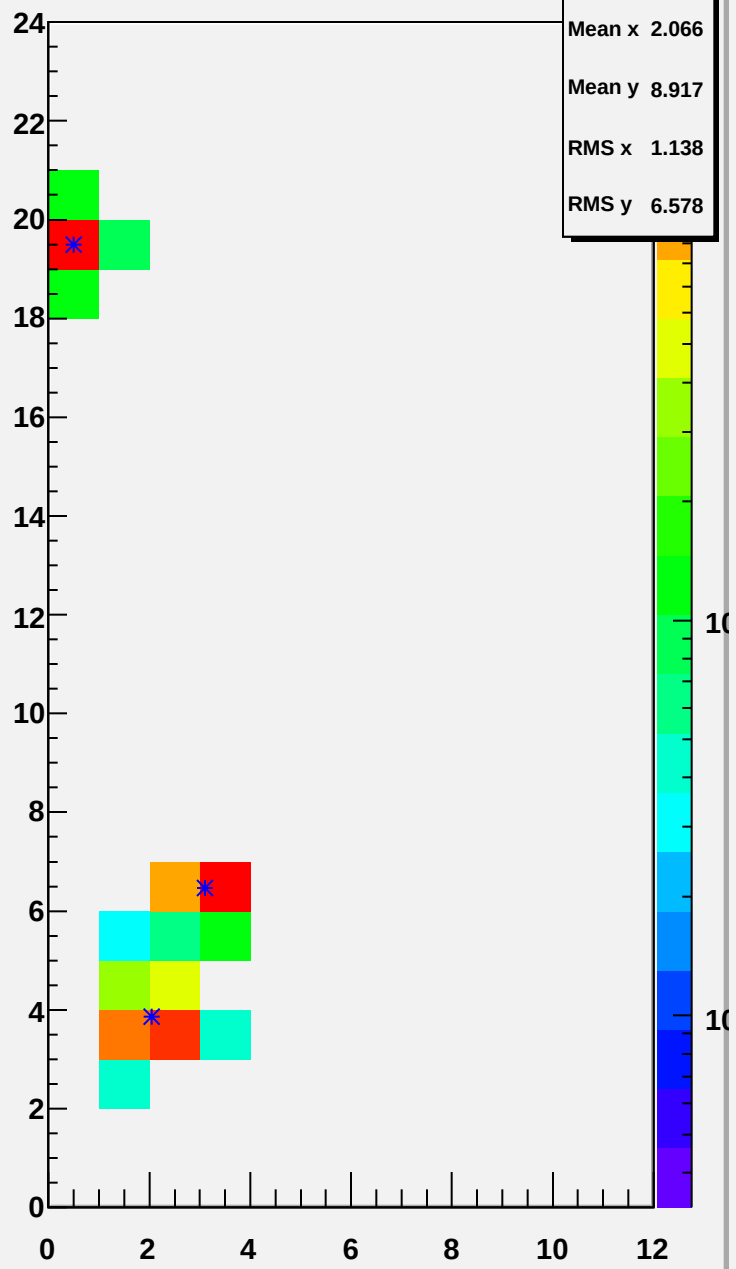
RMS x 0.601

RMS y 3.908

NSTB3_r4_c3_En=12.3_m0=0.070 m1=0.070 index=1776



Fitted Energies



Efit

Entries 288

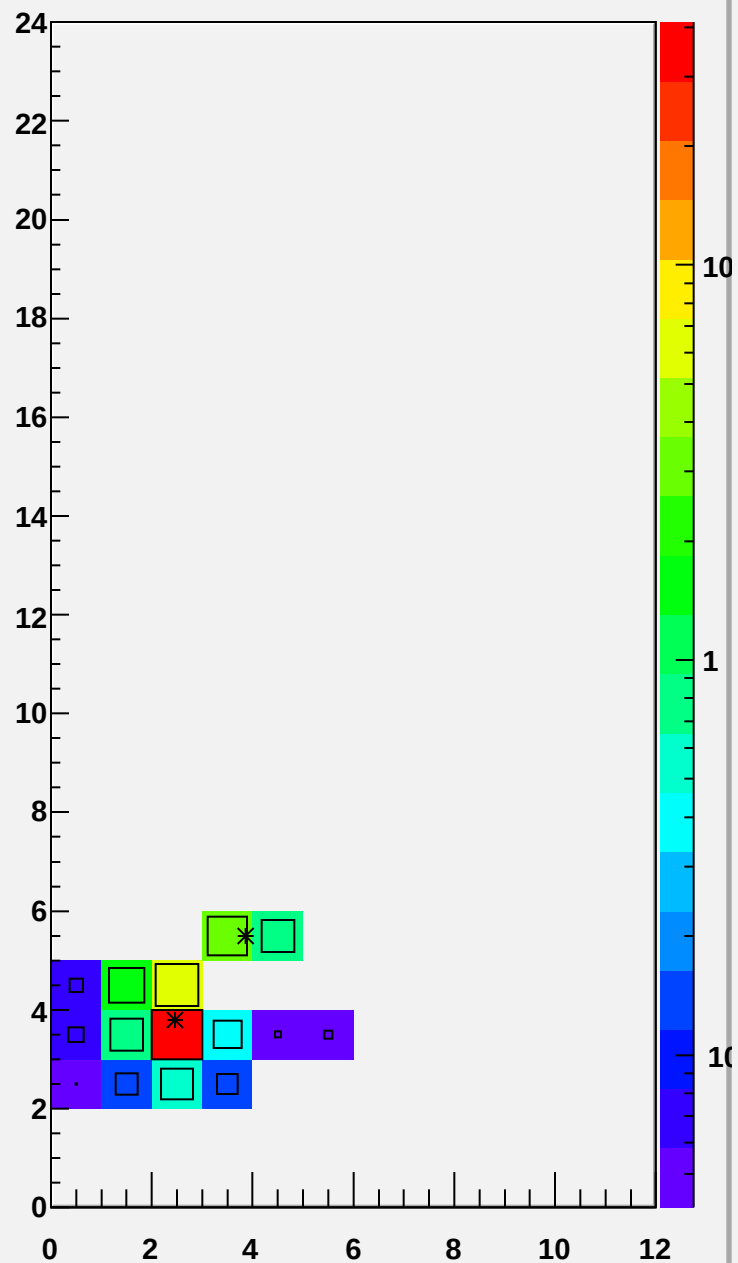
Mean x 2.066

Mean y 8.917

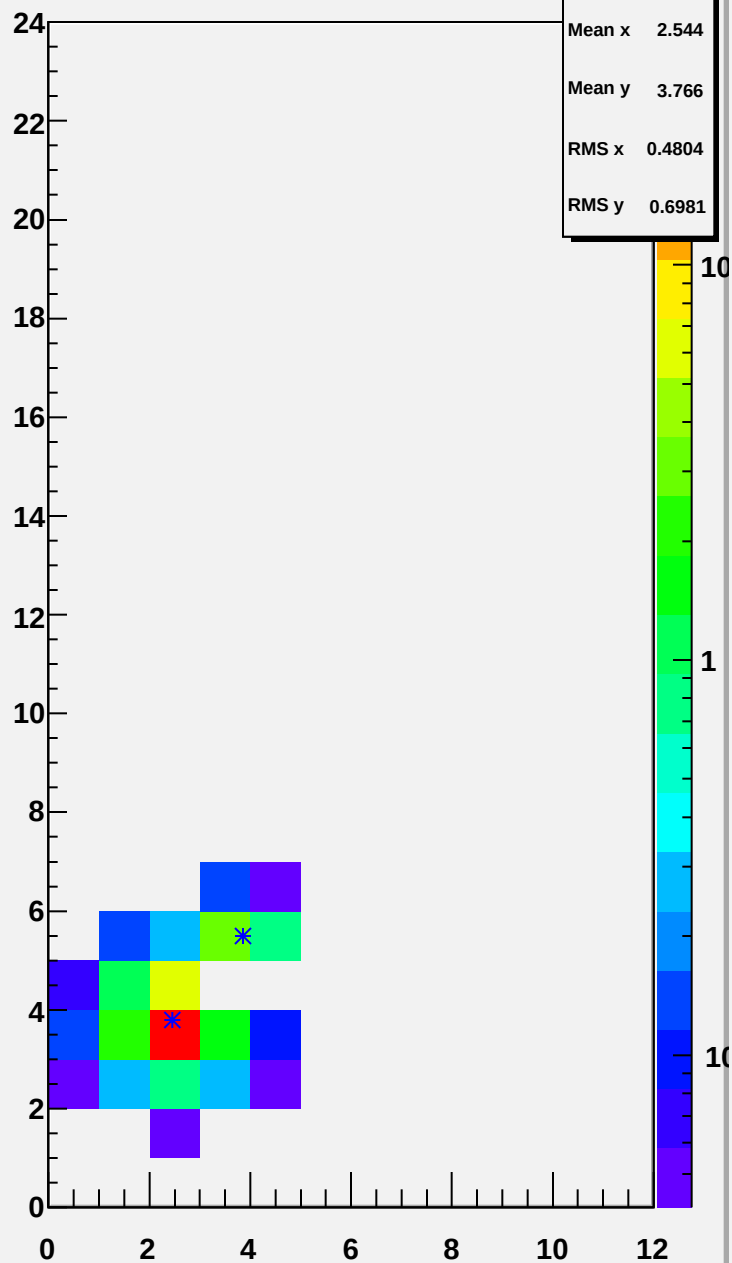
RMS x 1.138

RMS y 6.578

NSTB3_r4_c3_En=54.8_m0=0.176 m1=0.177 index=1777



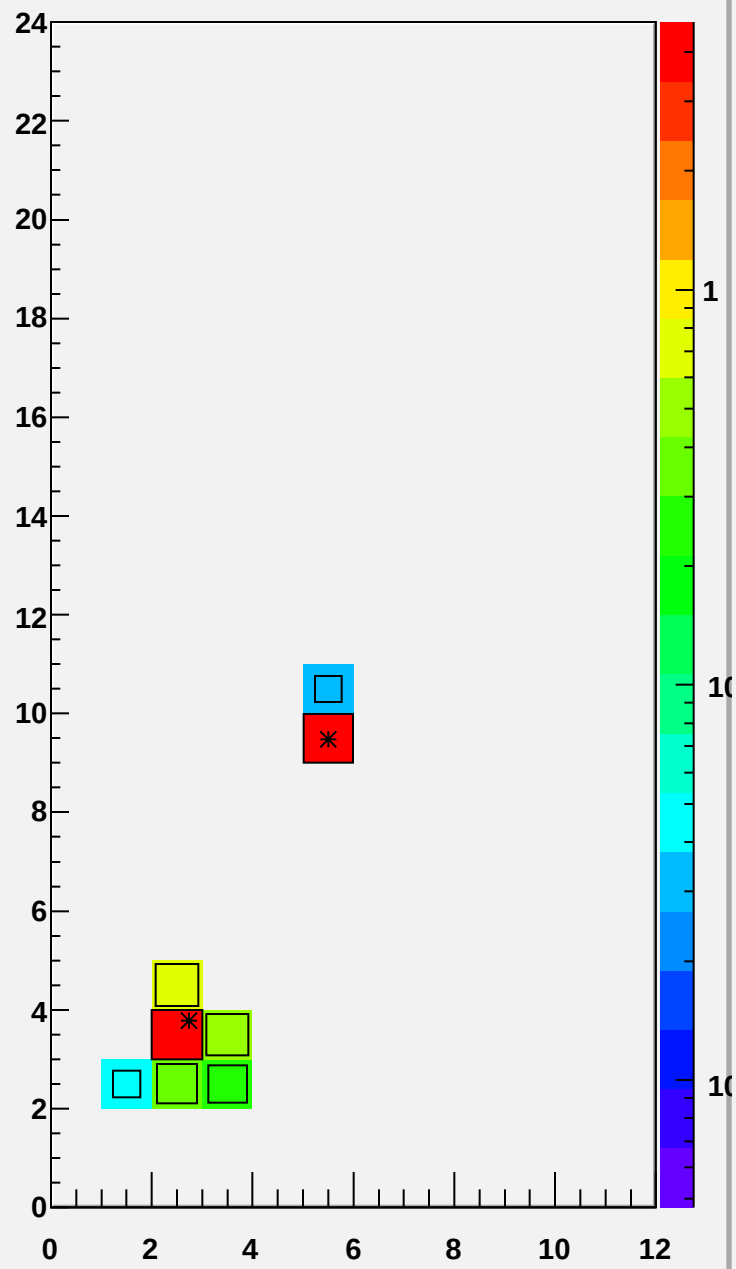
Fitted Energies



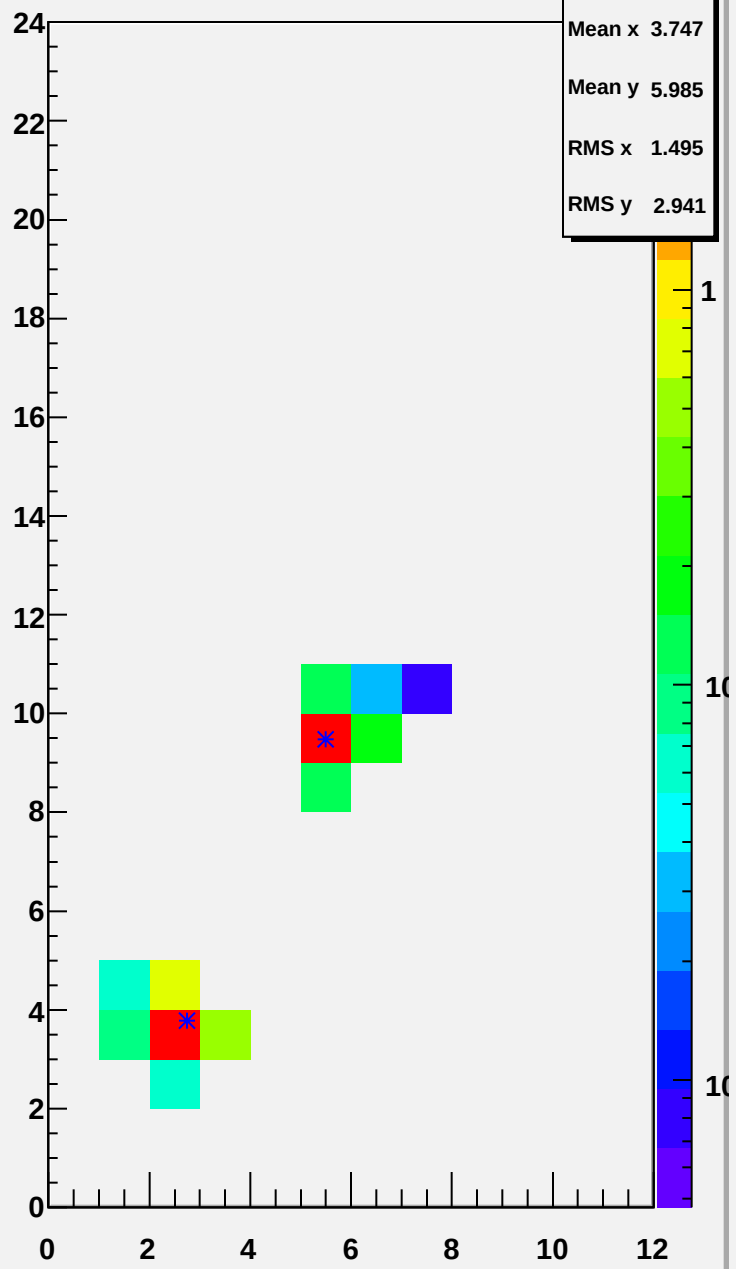
Efit

Entries	288
Mean x	2.544
Mean y	3.766
RMS x	0.4804
RMS y	0.6981

NSTB3_r4_c3_En=10.8_m0=0.190 m1=0.190 index=1778



Fitted Energies



Efit

Entries 288

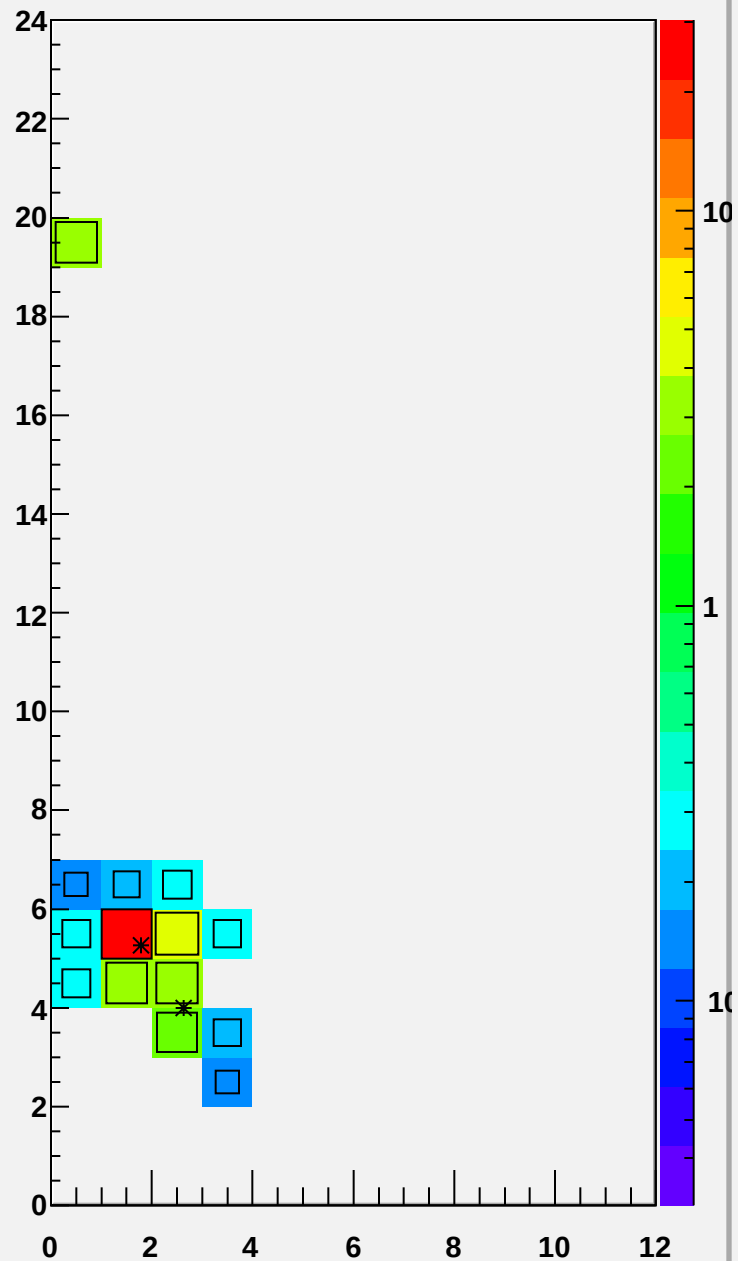
Mean x 3.747

Mean y 5.985

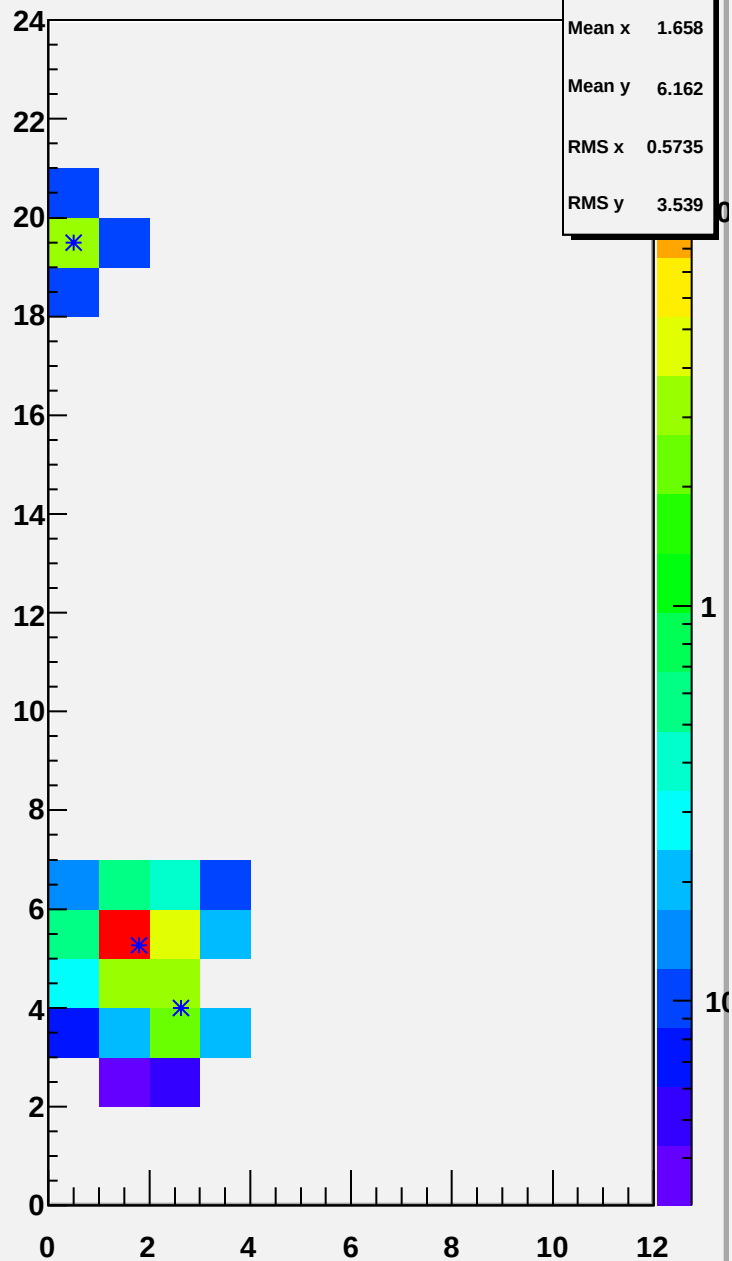
RMS x 1.495

RMS y 2.941

NSTB3_r4_c3_En=49.0_m0=0.123 m1=0.123 index=1779



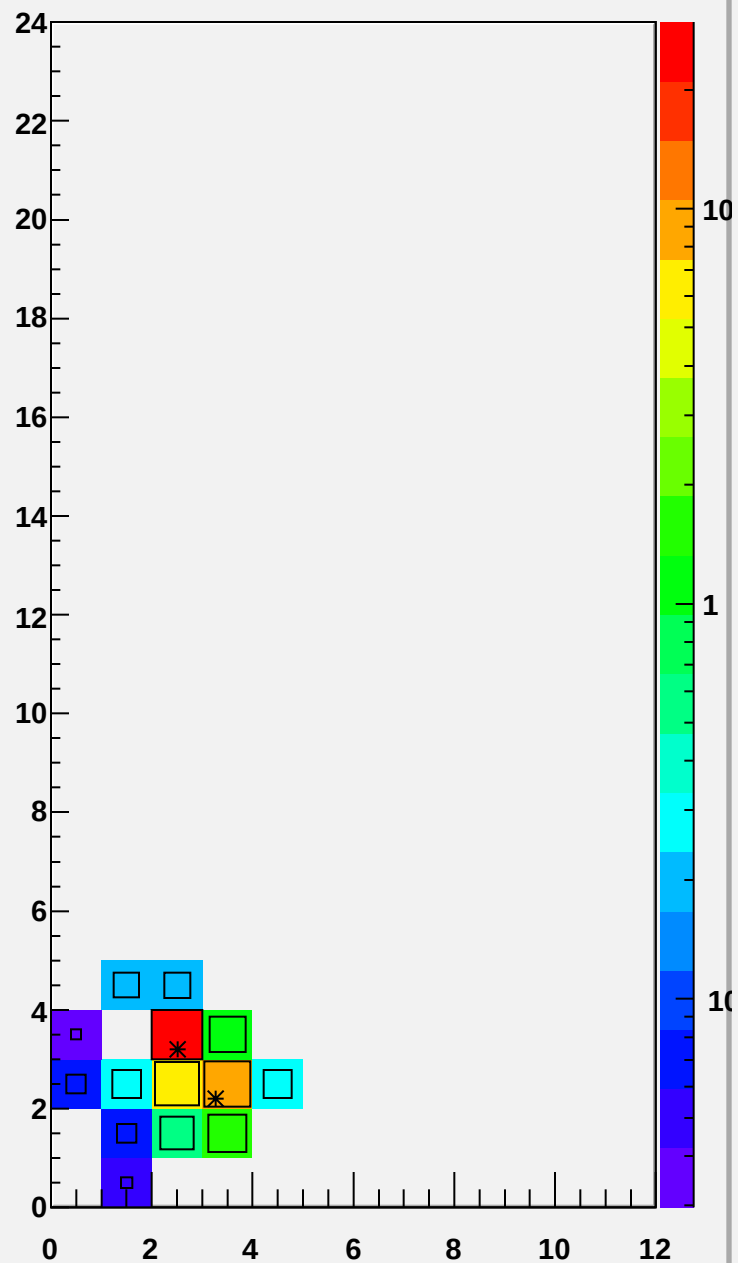
Fitted Energies



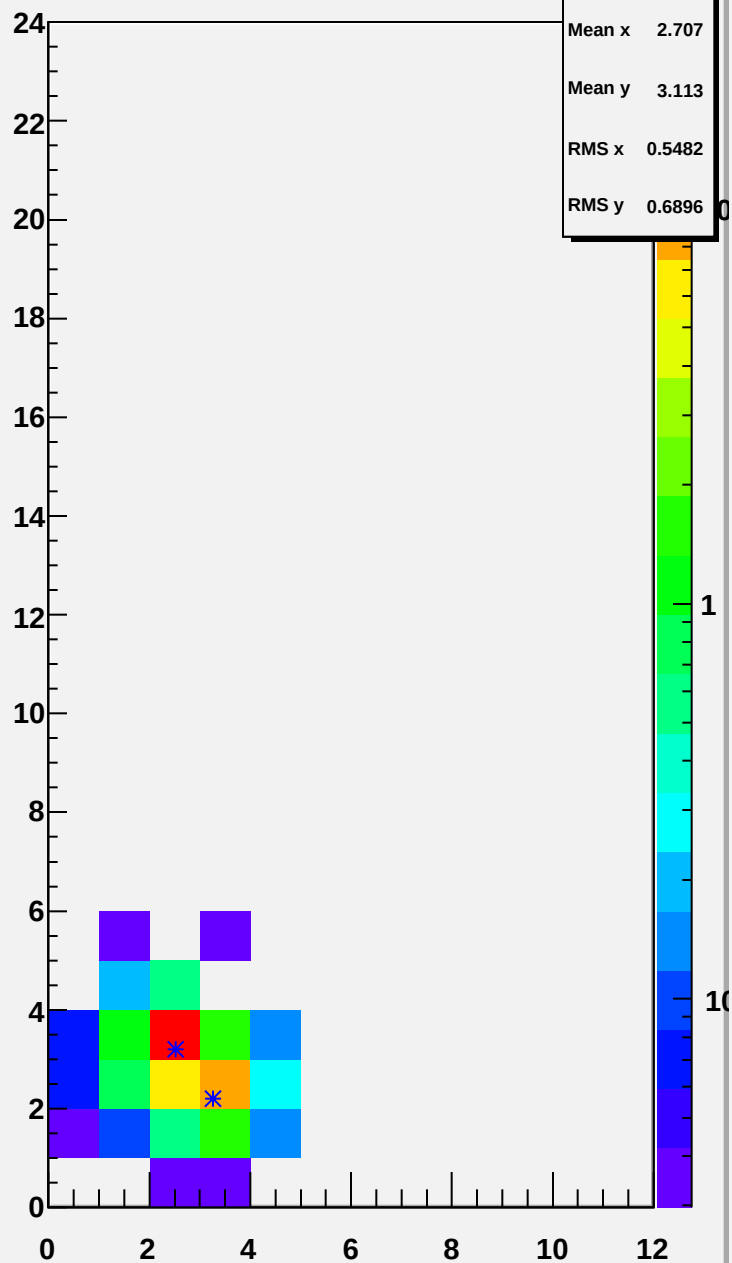
Efit

Entries	288
Mean x	1.658
Mean y	6.162
RMS x	0.5735
RMS y	3.539

NSTB3_r4_c3_En=49.4_m0=0.148 m1=0.149 index=1780



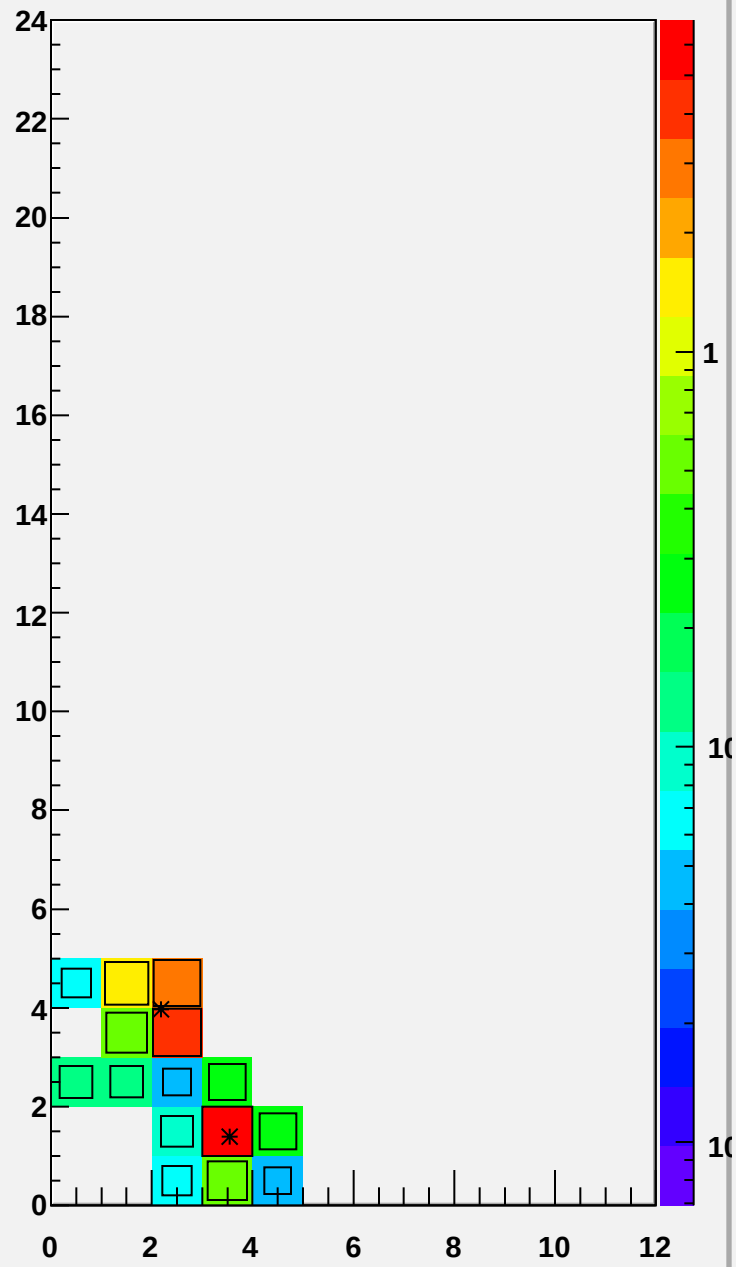
Fitted Energies



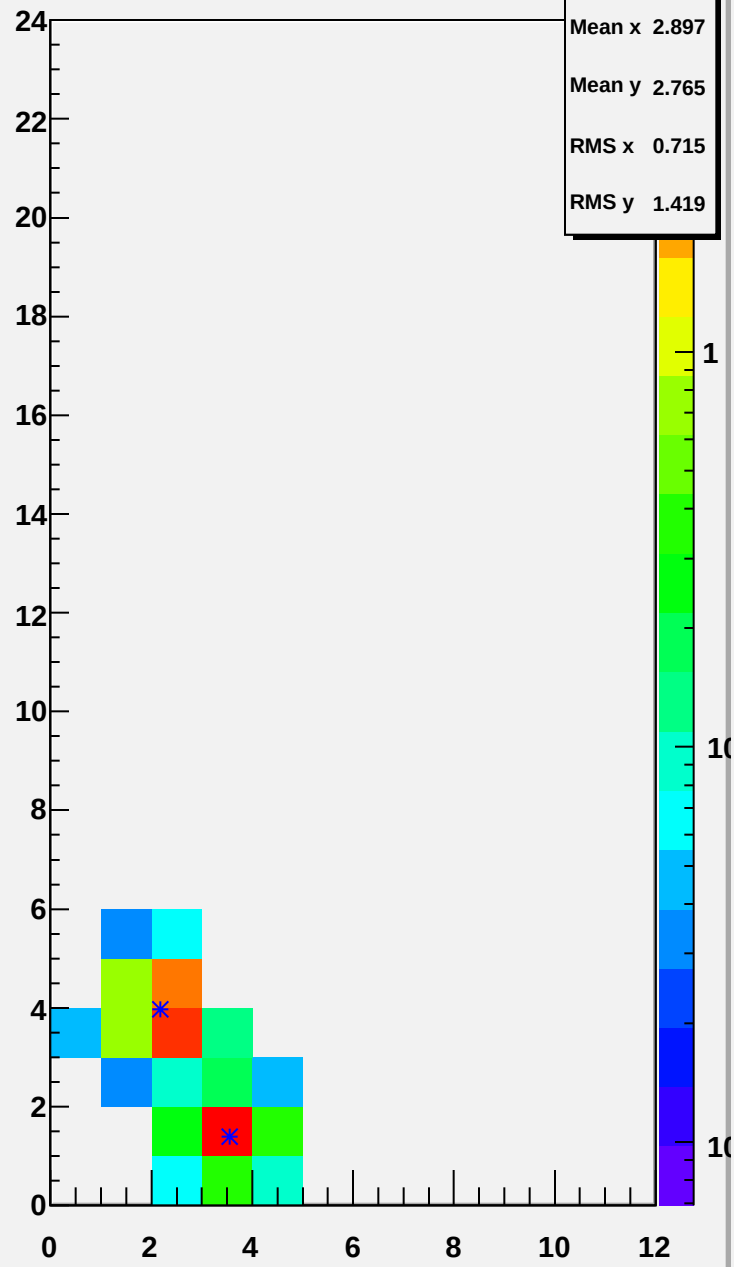
Efit

Entries	288
Mean x	2.707
Mean y	3.113
RMS x	0.5482
RMS y	0.6896

NSTB3_r4_c3_En=17.4_m0=0.144_m1=0.144_index=1781



Fitted Energies



Efit

Entries 288

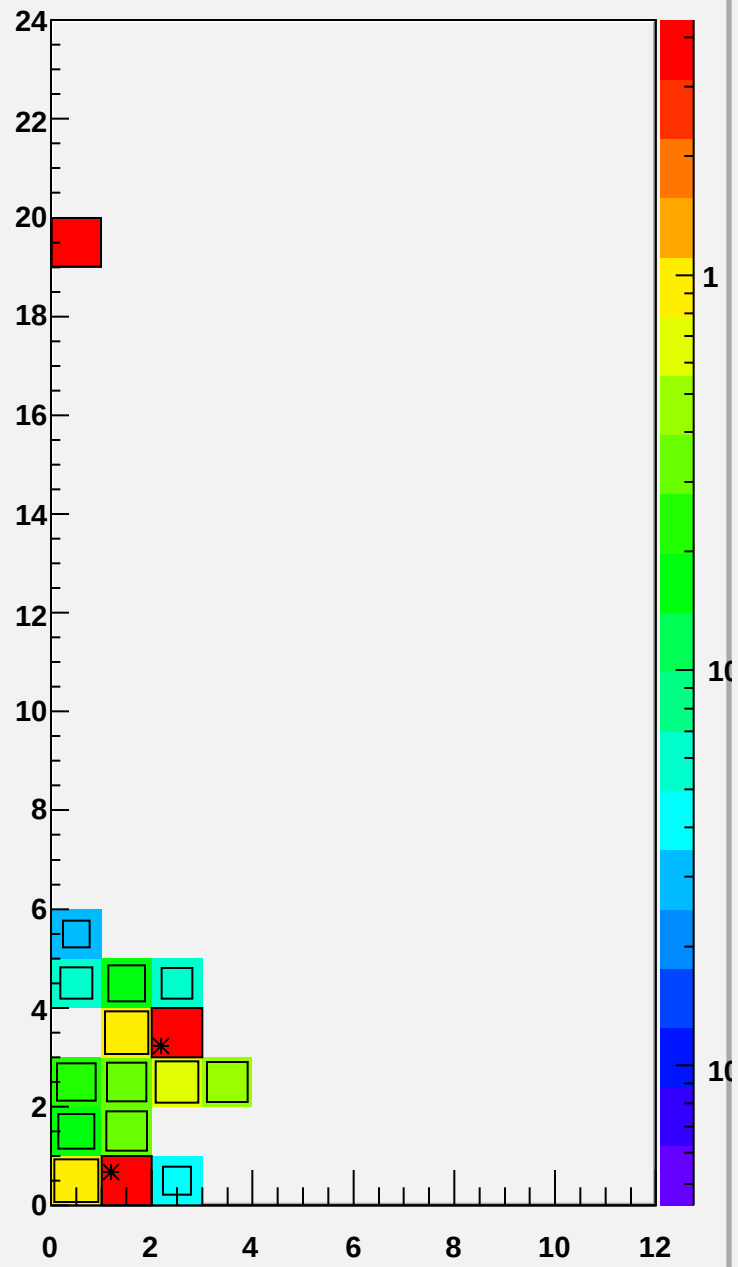
Mean x 2.897

Mean y 2.765

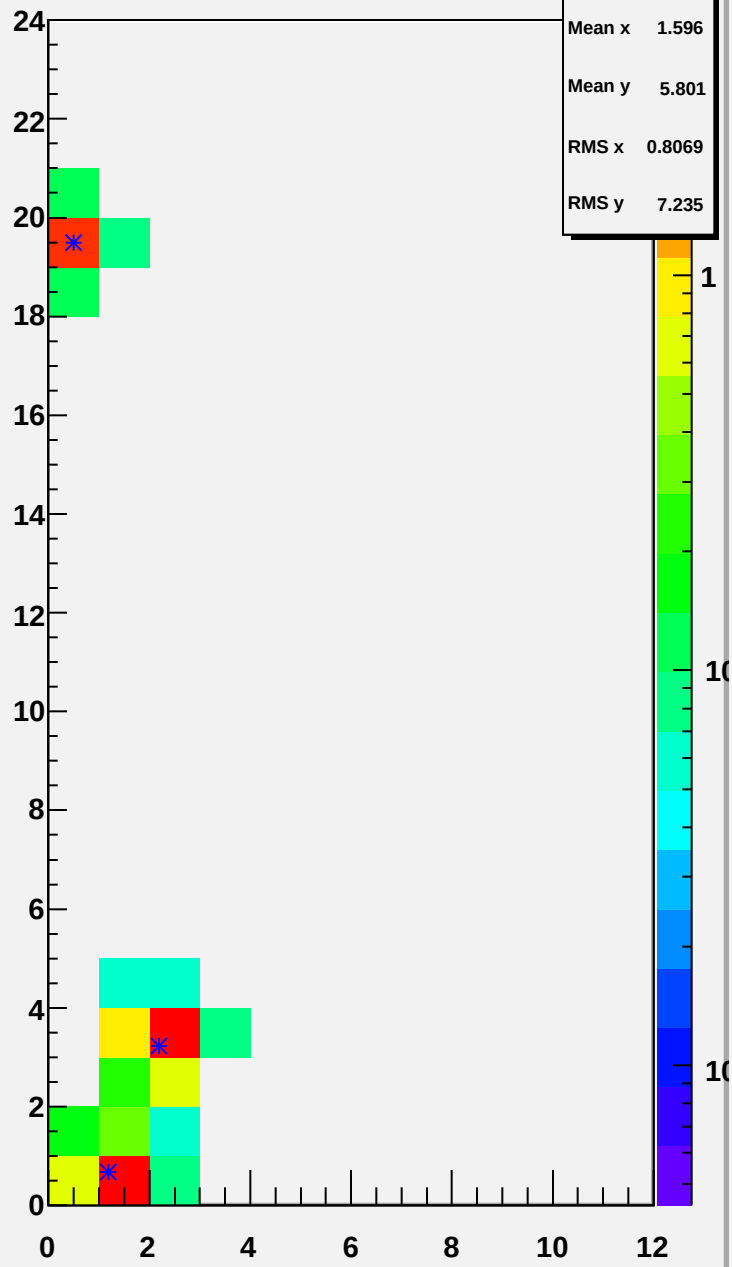
RMS x 0.715

RMS y 1.419

NSTB3_r4_c3_En=15.8_m0=0.092 m1=0.092 index=1782



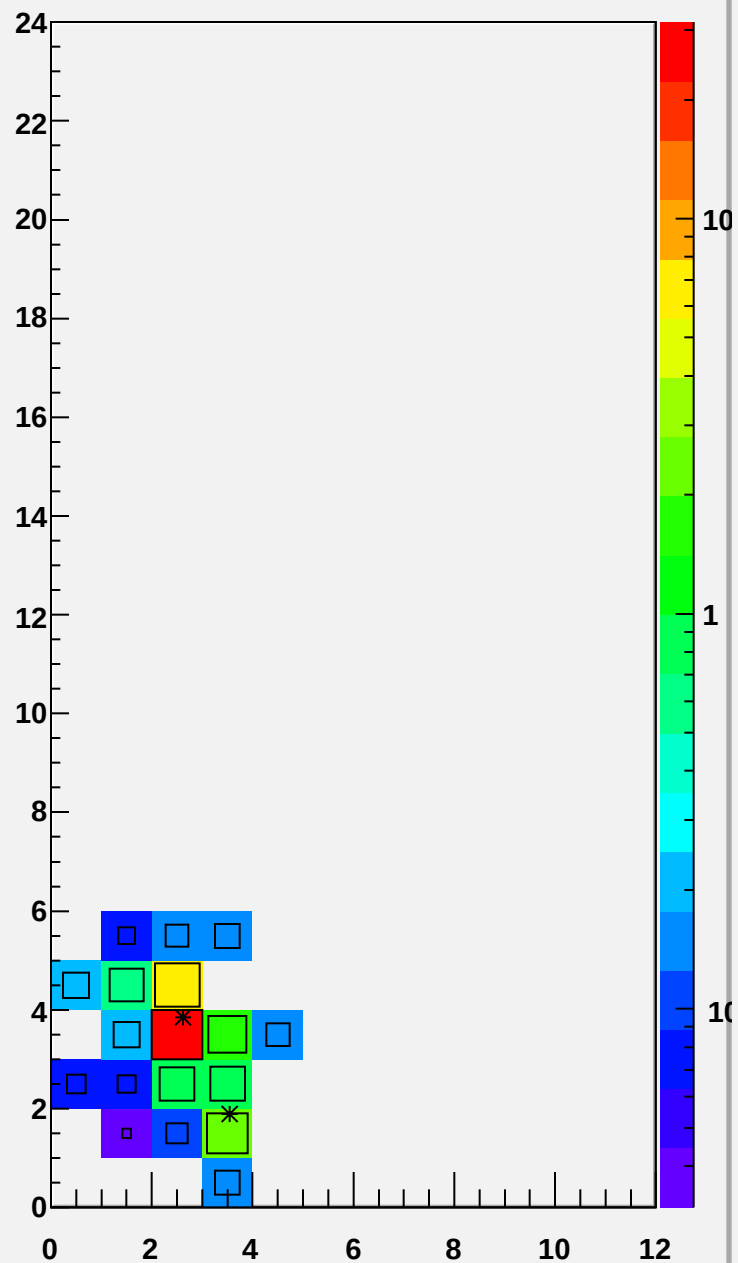
Fitted Energies



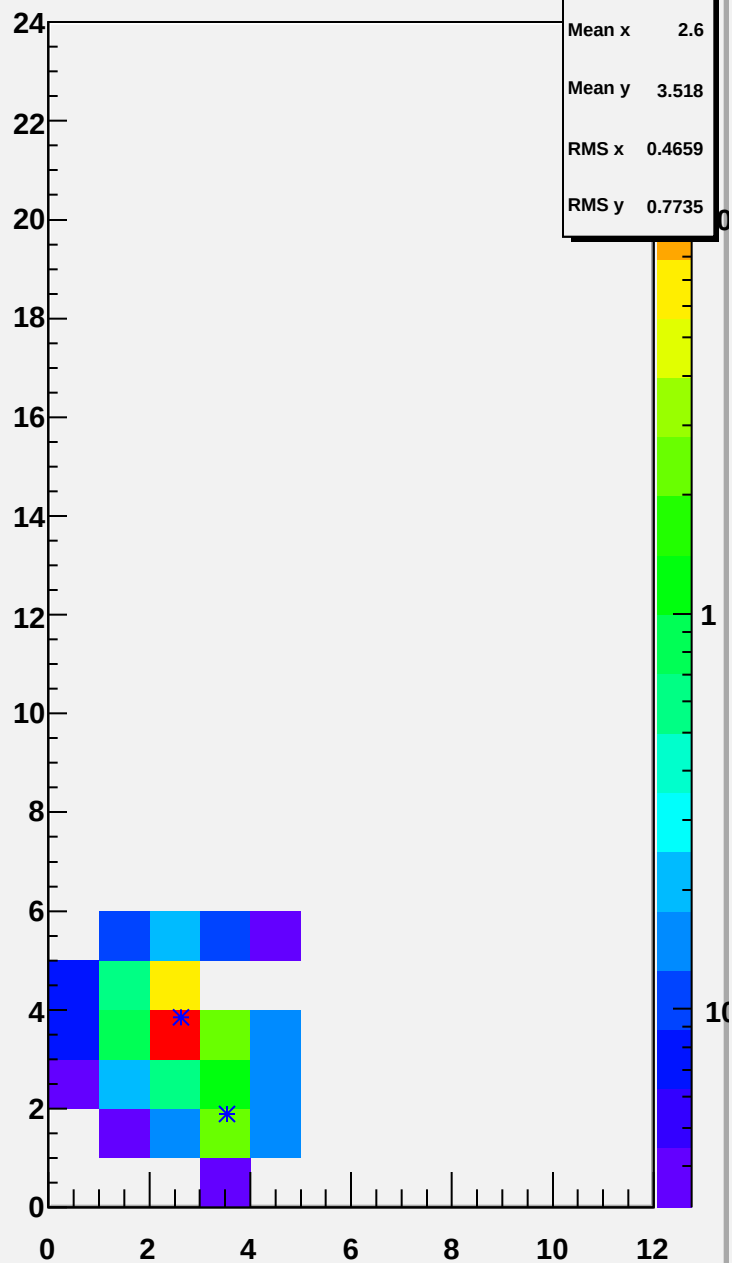
Efit

Entries	288
Mean x	1.596
Mean y	5.801
RMS x	0.8069
RMS y	7.235

NSTB3_r4_c3_En=46.1_m0=0.159 m1=0.158 index=1784



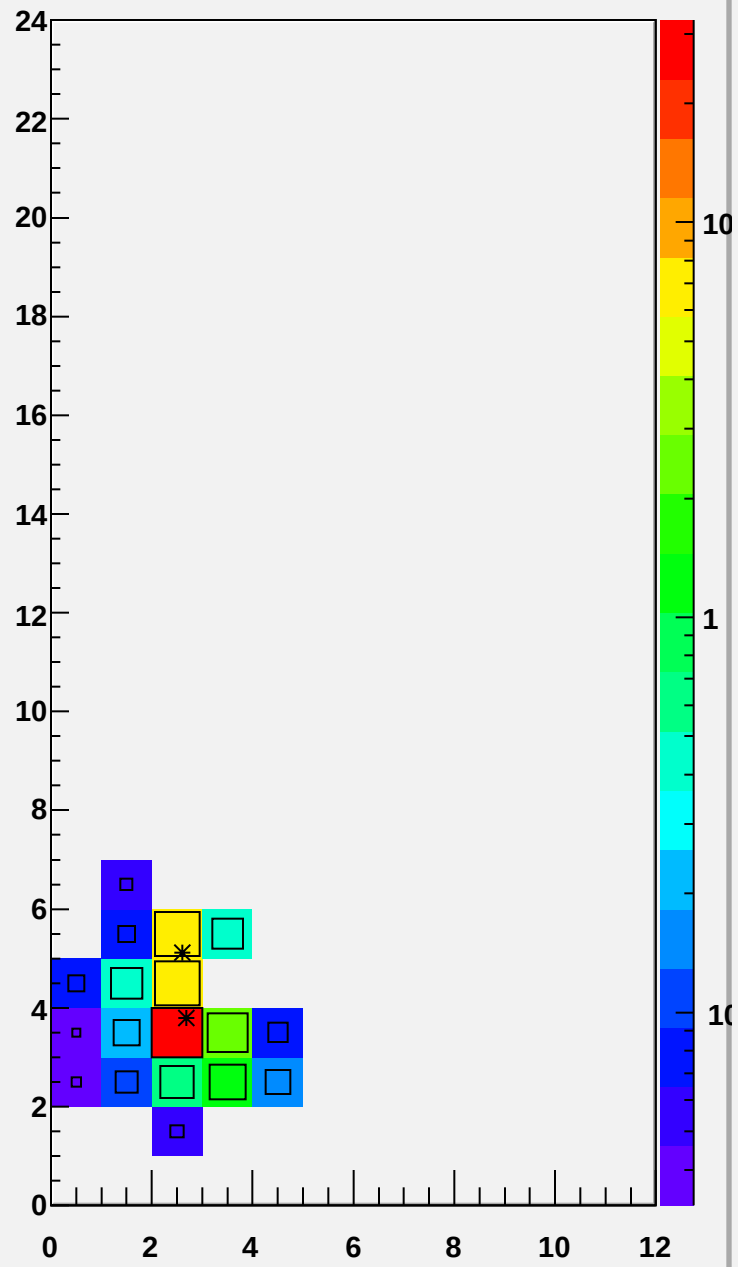
Fitted Energies



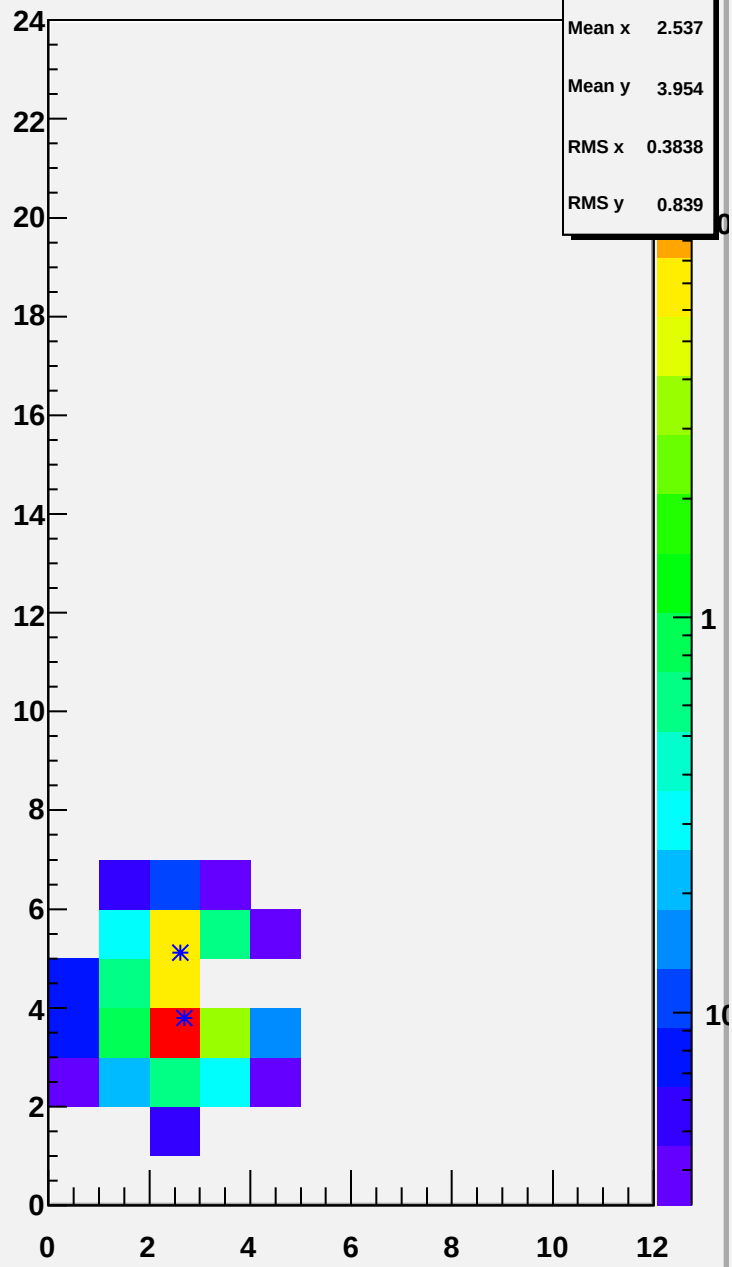
Efit

Entries	288
Mean x	2.6
Mean y	3.518
RMS x	0.4659
RMS y	0.7735

NSTB3_r4_c3_En=53.4_m0=0.158 m1=0.158 index=1785



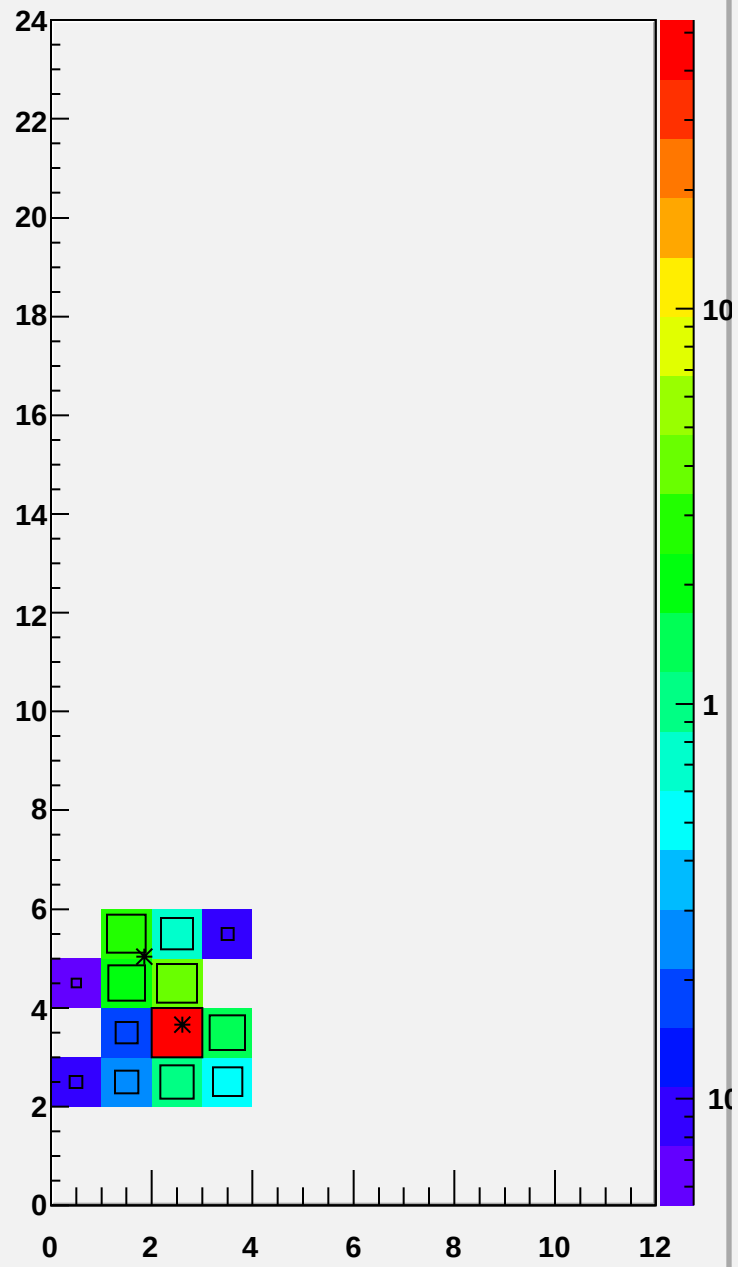
Fitted Energies



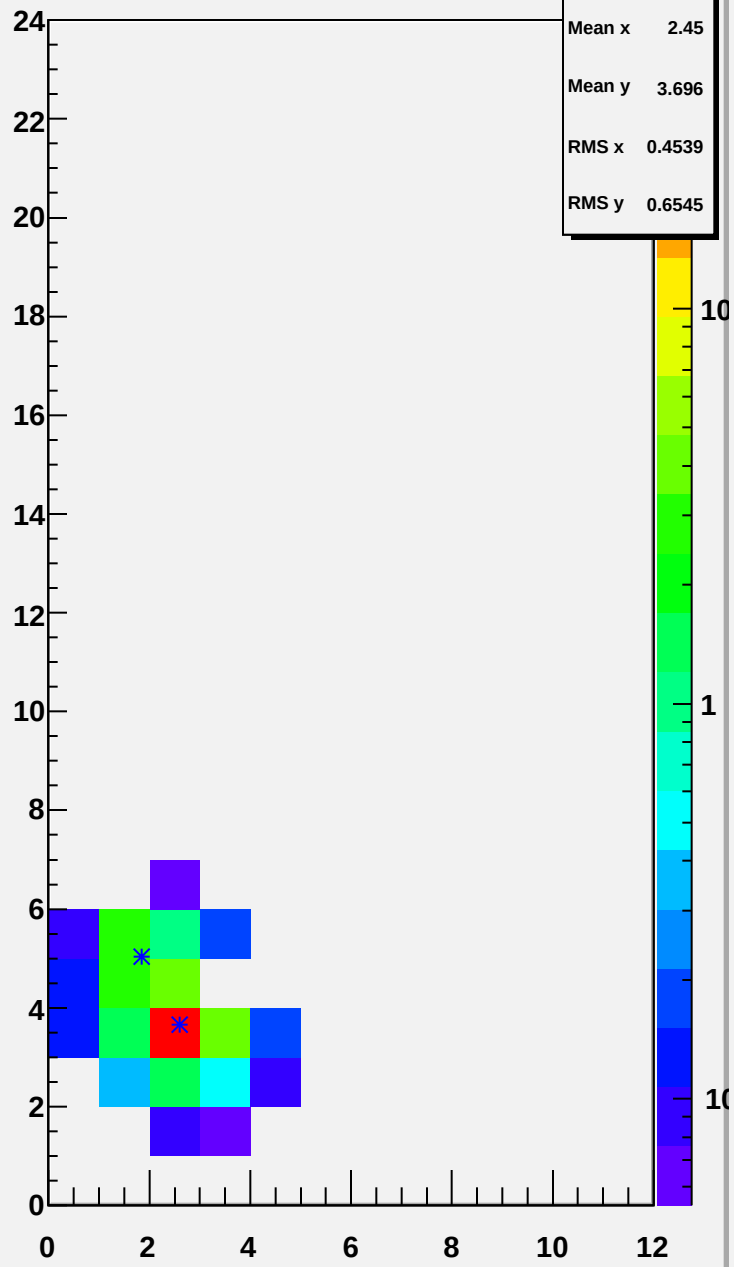
Efit

Entries	288
Mean x	2.537
Mean y	3.954
RMS x	0.3838
RMS y	0.839

NSTB3_r4_c3_En=67.6_m0=0.180 m1=0.181 index=1786



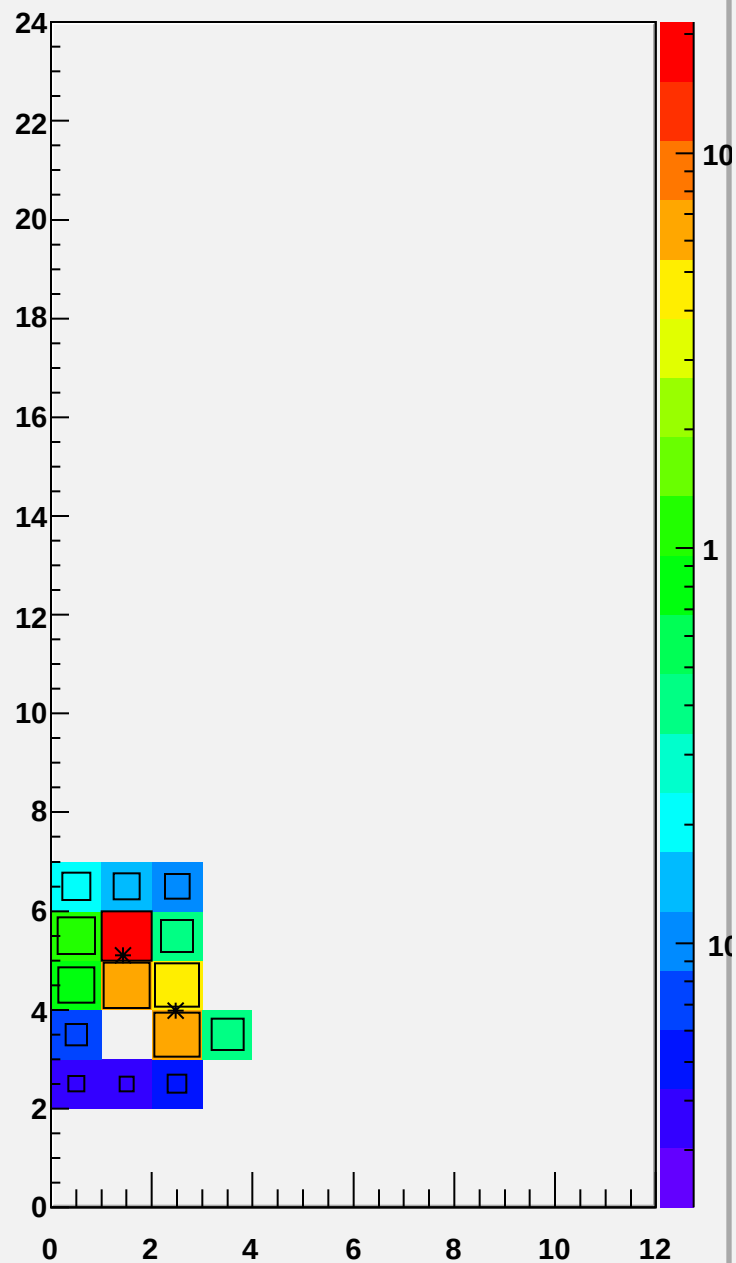
Fitted Energies



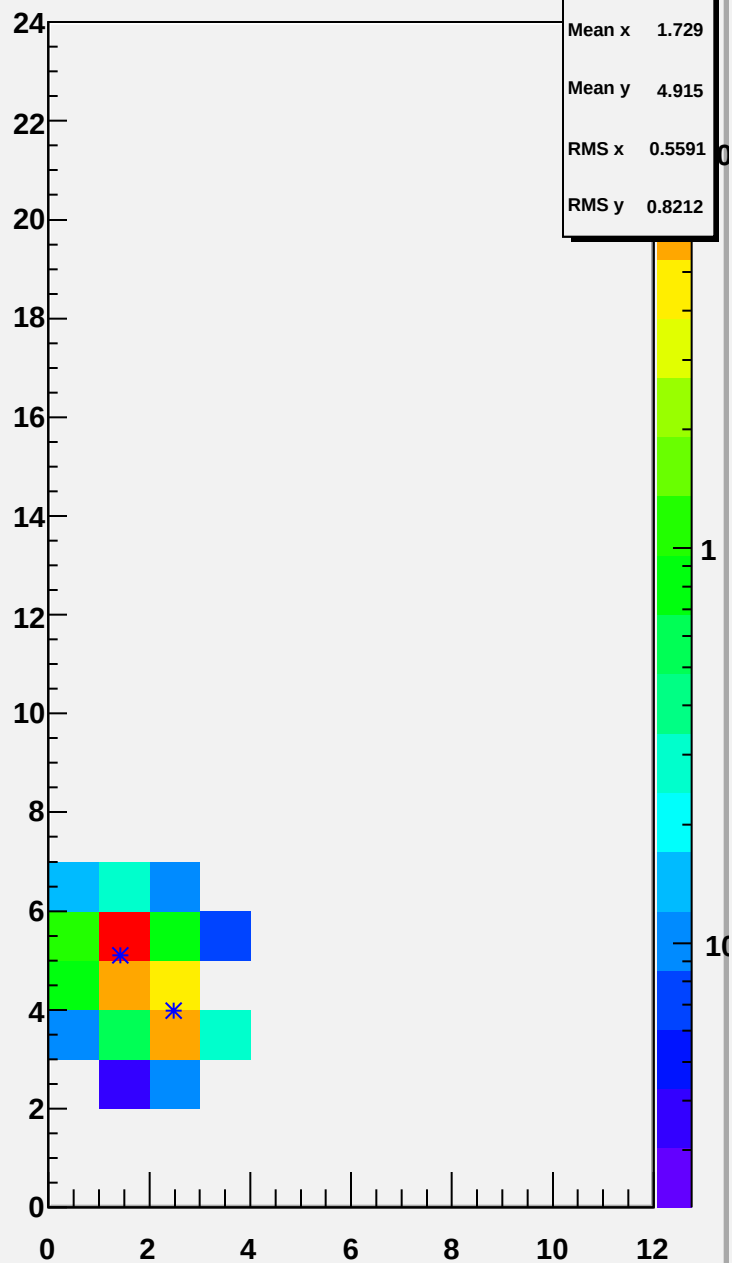
Efit

Entries	288
Mean x	2.45
Mean y	3.696
RMS x	0.4539
RMS y	0.6545

NSTB3_r4_c3_En=42.0_m0=0.163 m1=0.163 index=1787



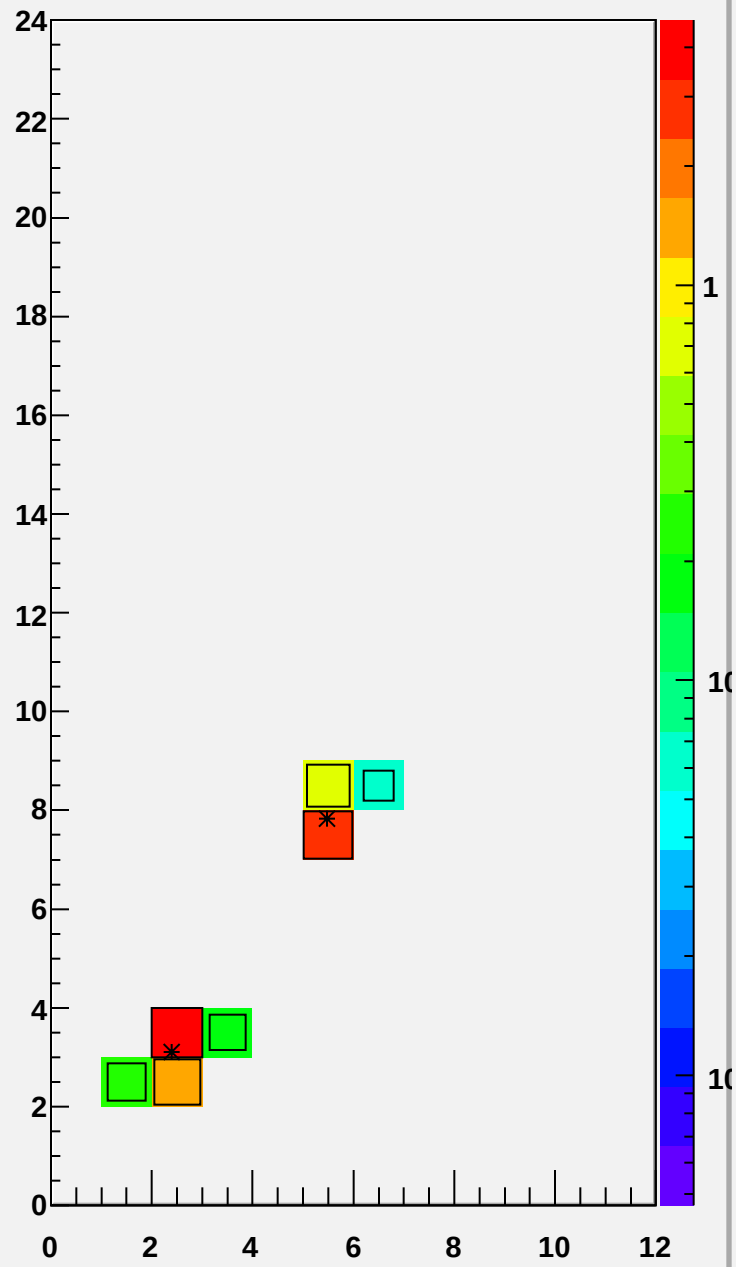
Fitted Energies



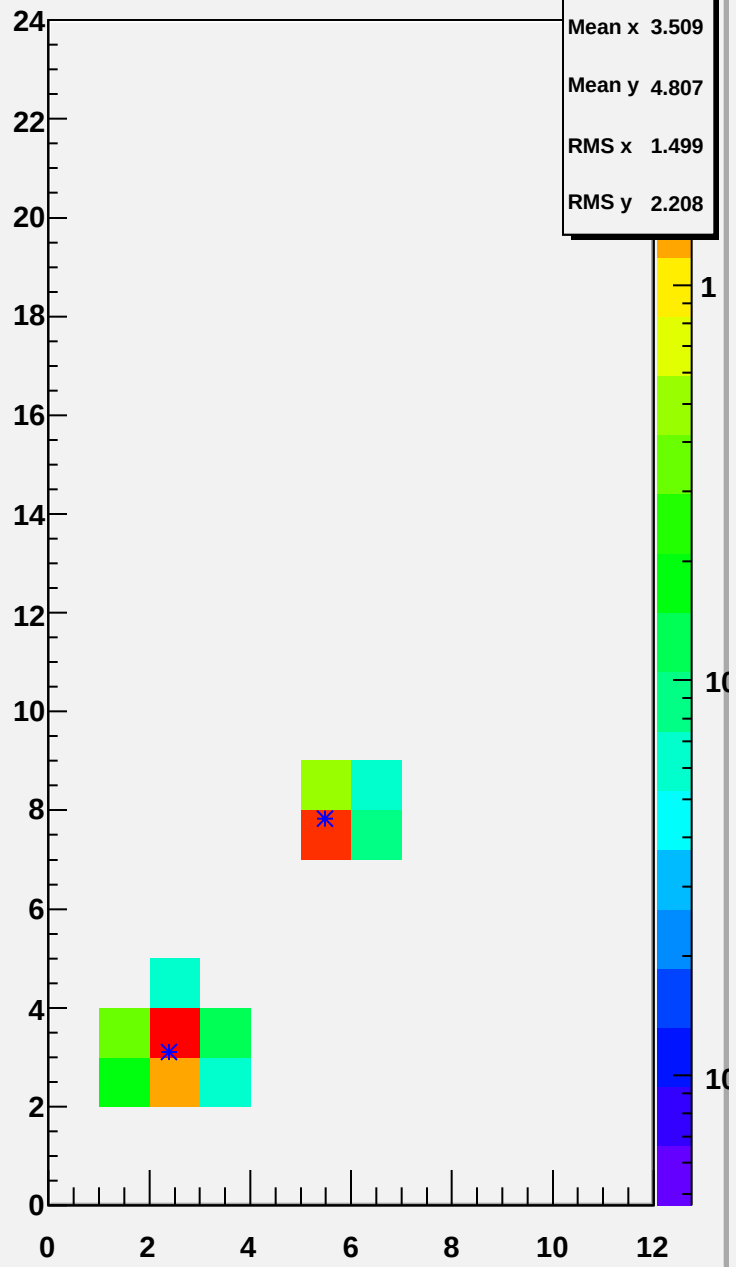
Efit

Entries	288
Mean x	1.729
Mean y	4.915
RMS x	0.5591
RMS y	0.8212

NSTB3_r4_c3_En=10.2_m0=0.166 m1=0.166 index=1788



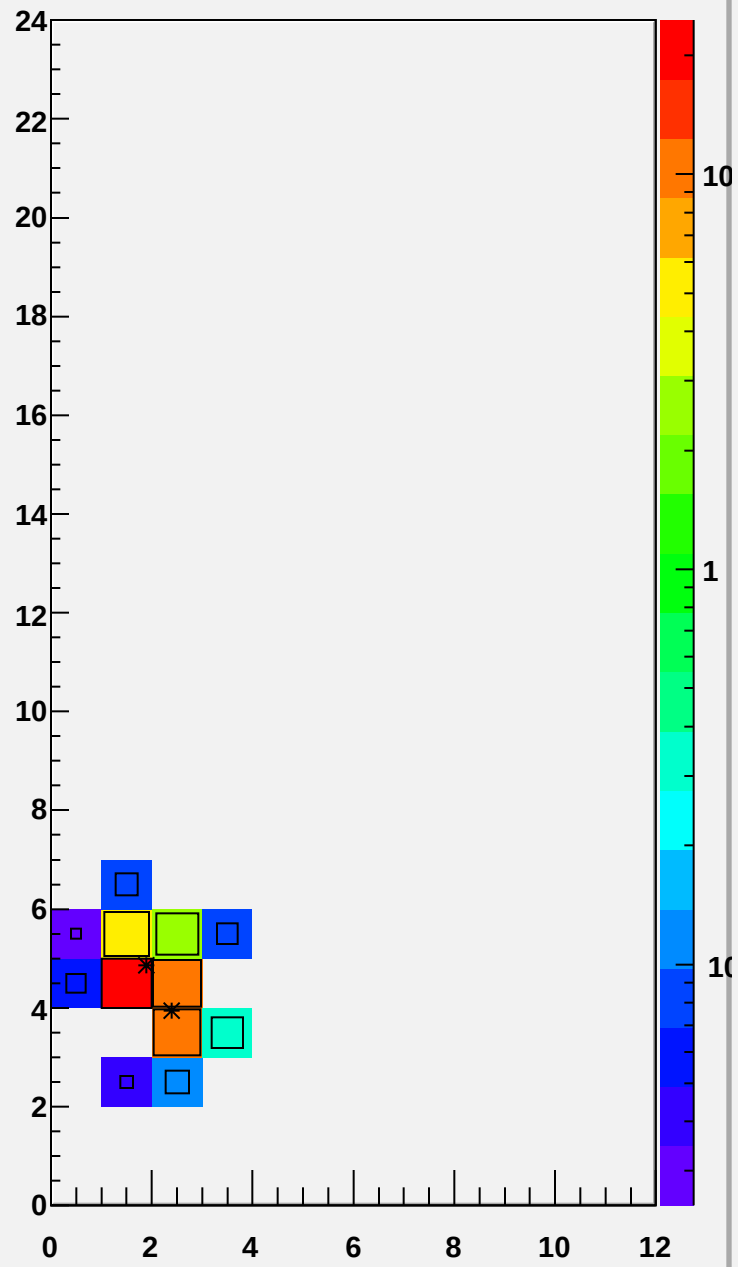
Fitted Energies



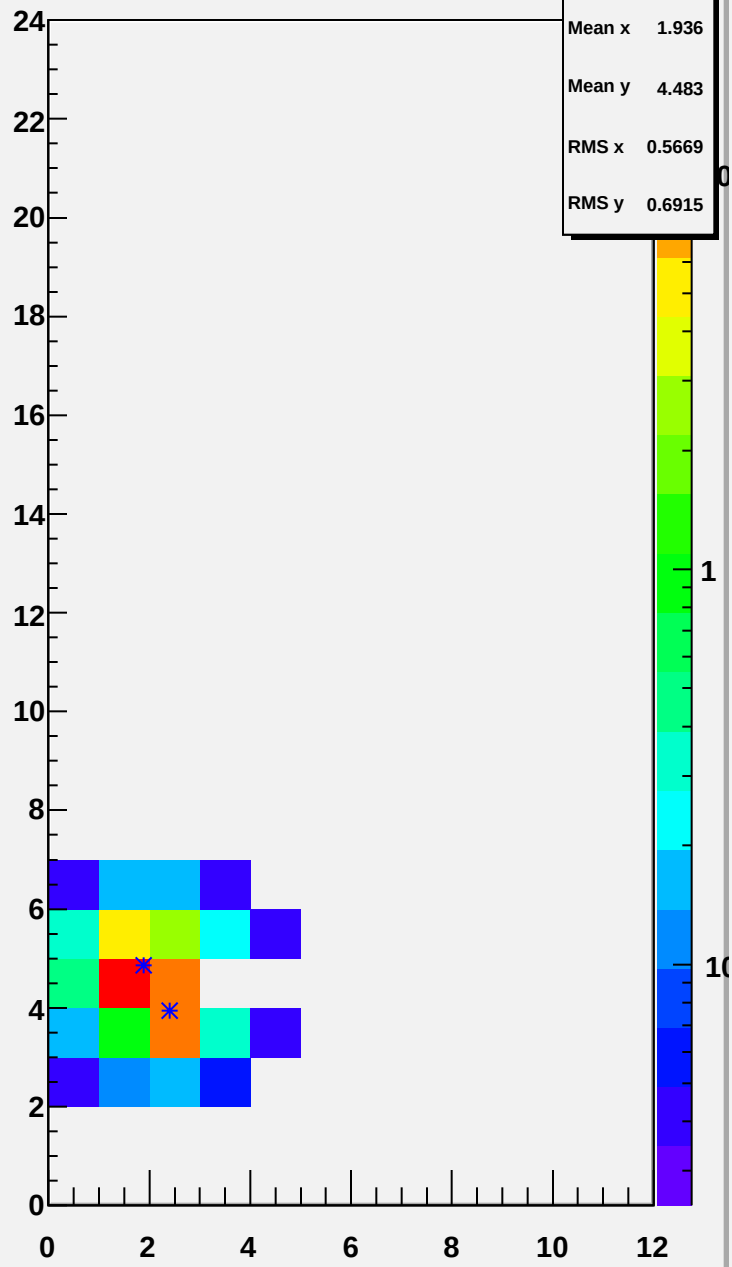
Efit

Entries 288
Mean x 3.509
Mean y 4.807
RMS x 1.499
RMS y 2.208

NSTB3_r4_c3_En=54.9_m0=0.146 m1=0.147 index=1789



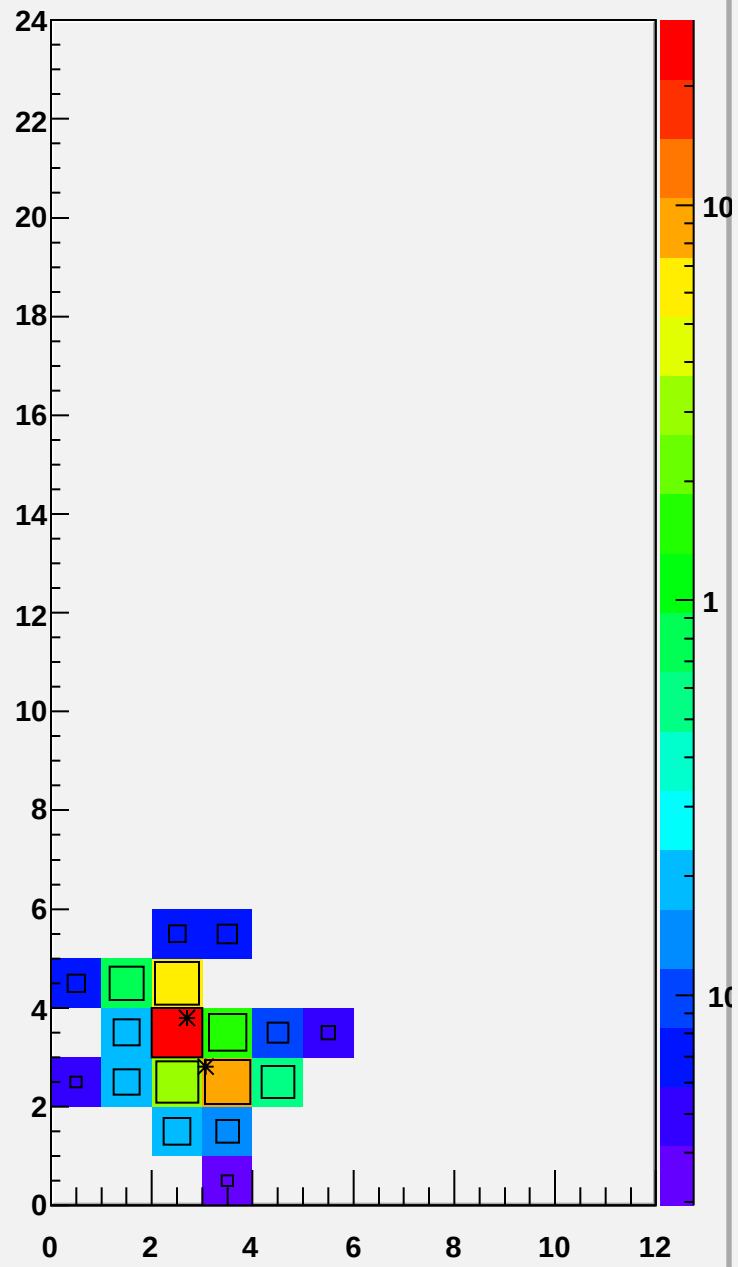
Fitted Energies



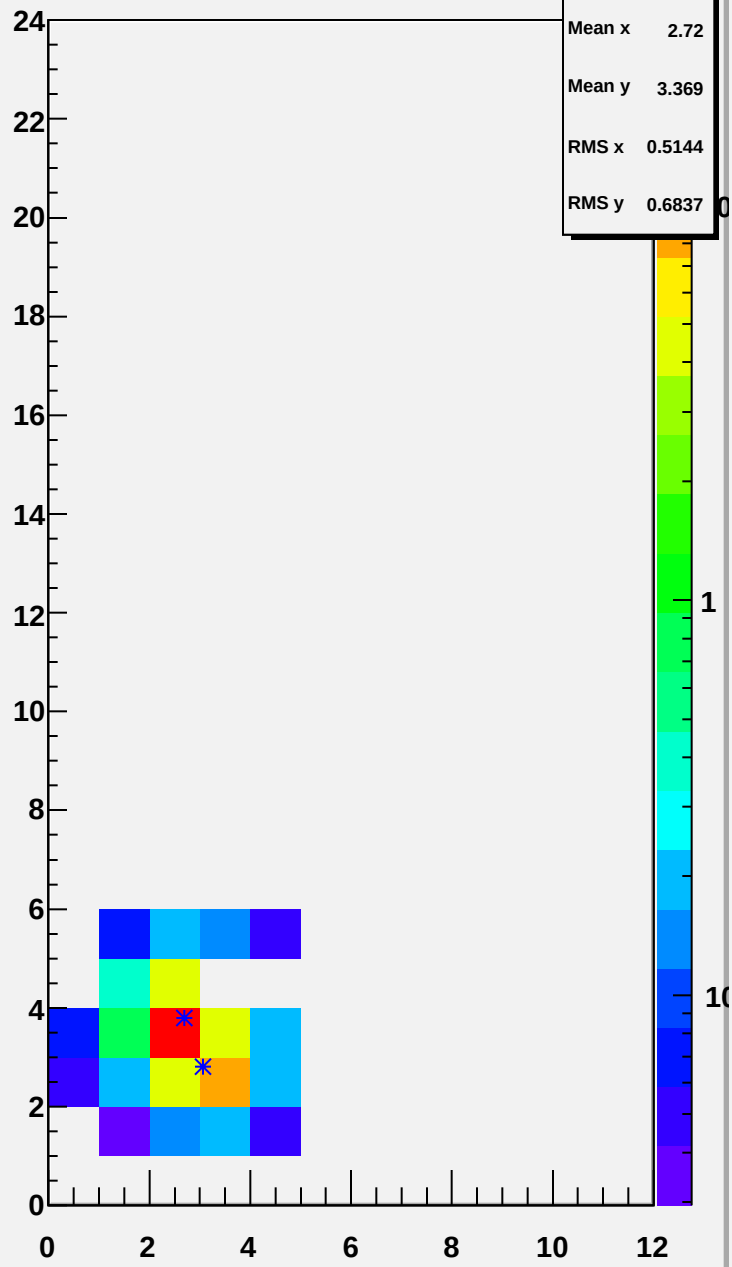
Efit

Entries	288
Mean x	1.936
Mean y	4.483
RMS x	0.5669
RMS y	0.6915

NSTB3_r4_c3_En=49.7_m0=0.140 m1=0.140 index=1790



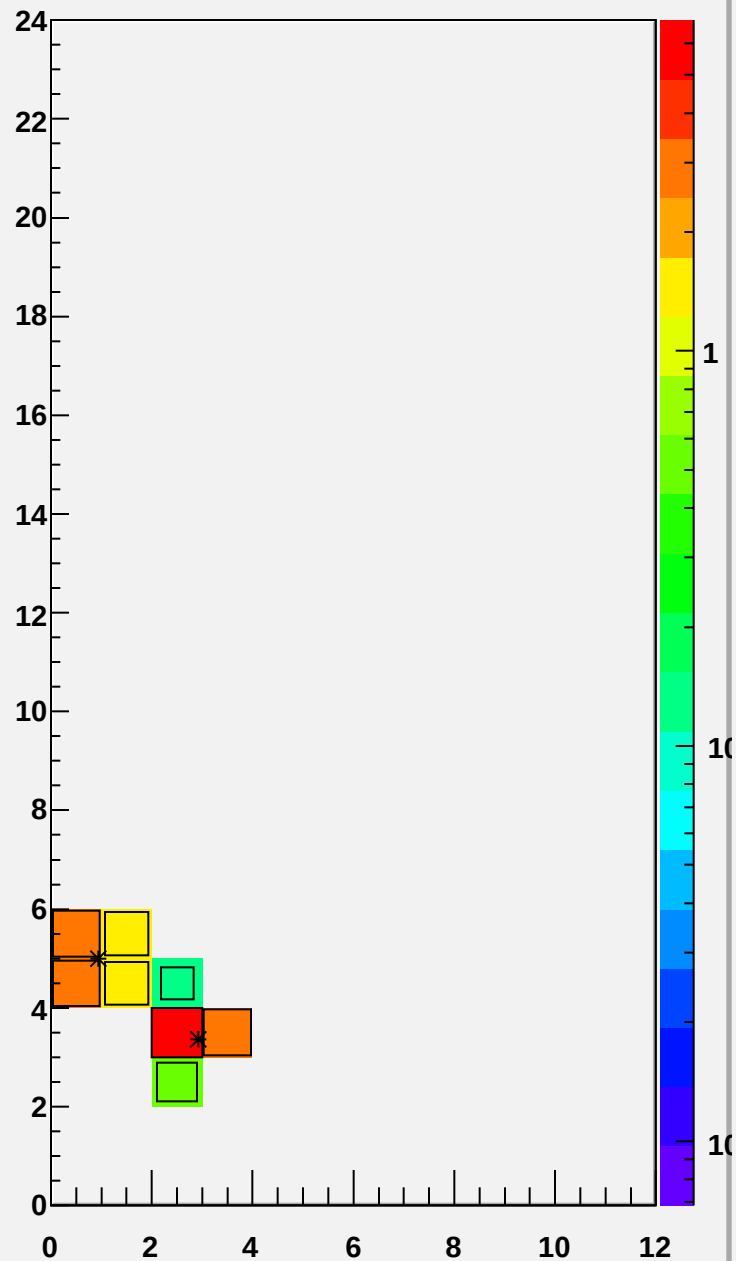
Fitted Energies



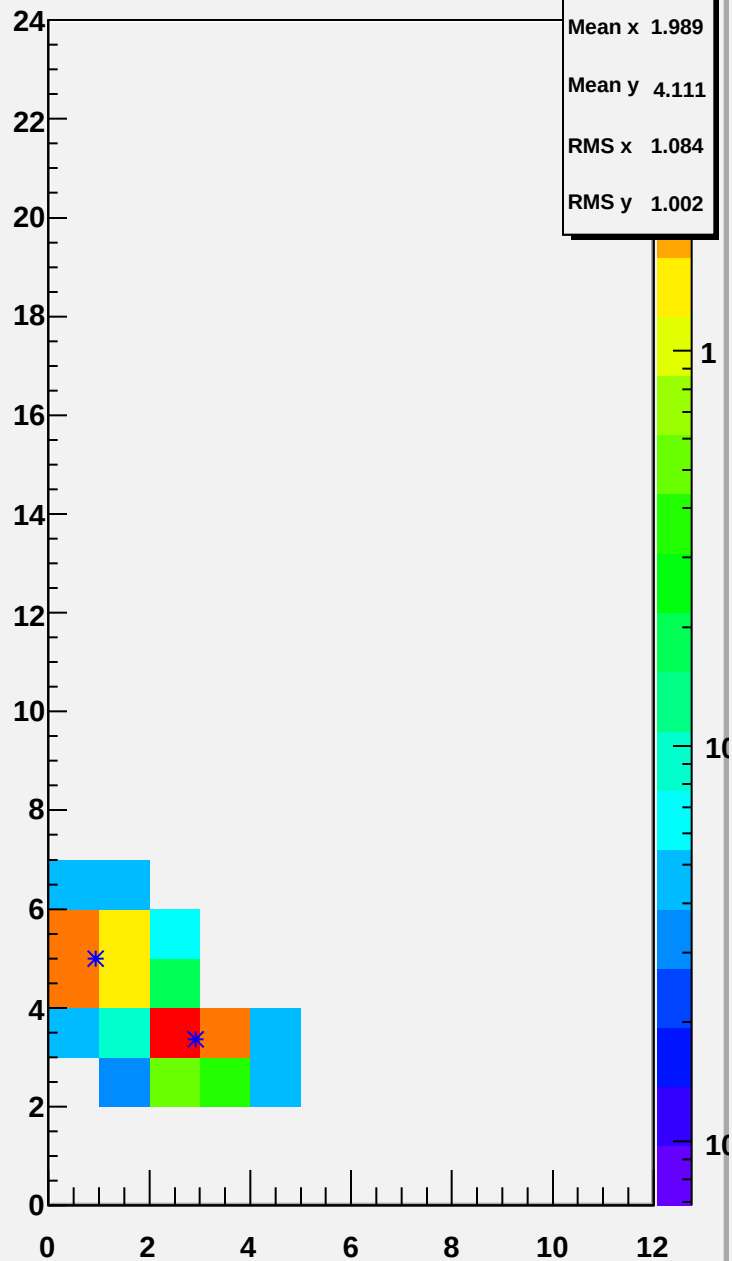
Efit

Entries	288
Mean x	2.72
Mean y	3.369
RMS x	0.5144
RMS y	0.6837

NSTB3_r4_c3_En=17.7_m0=0.134 m1=0.134 index=1791



Fitted Energies



Efit

Entries 288

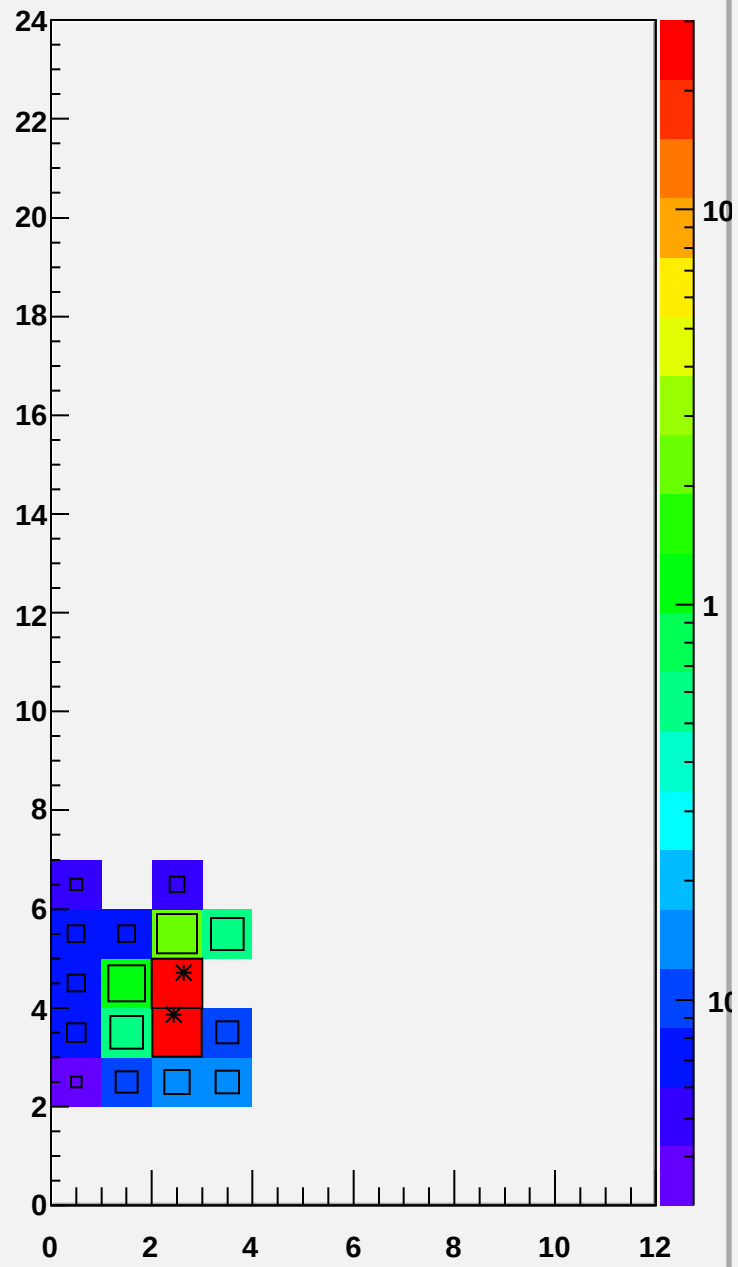
Mean x 1.989

Mean y 4.111

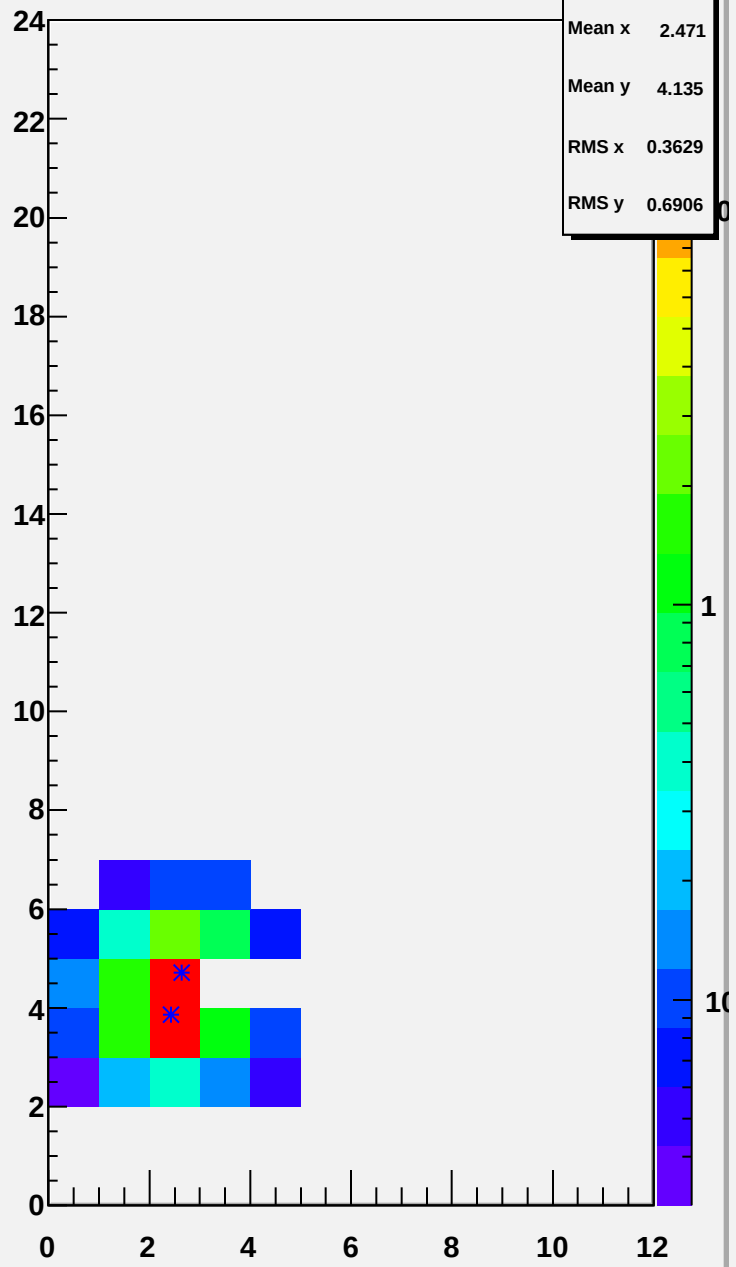
RMS x 1.084

RMS y 1.002

NSTB3_r4_c3_En=61.3_m0=0.153 m1=0.152 index=1792



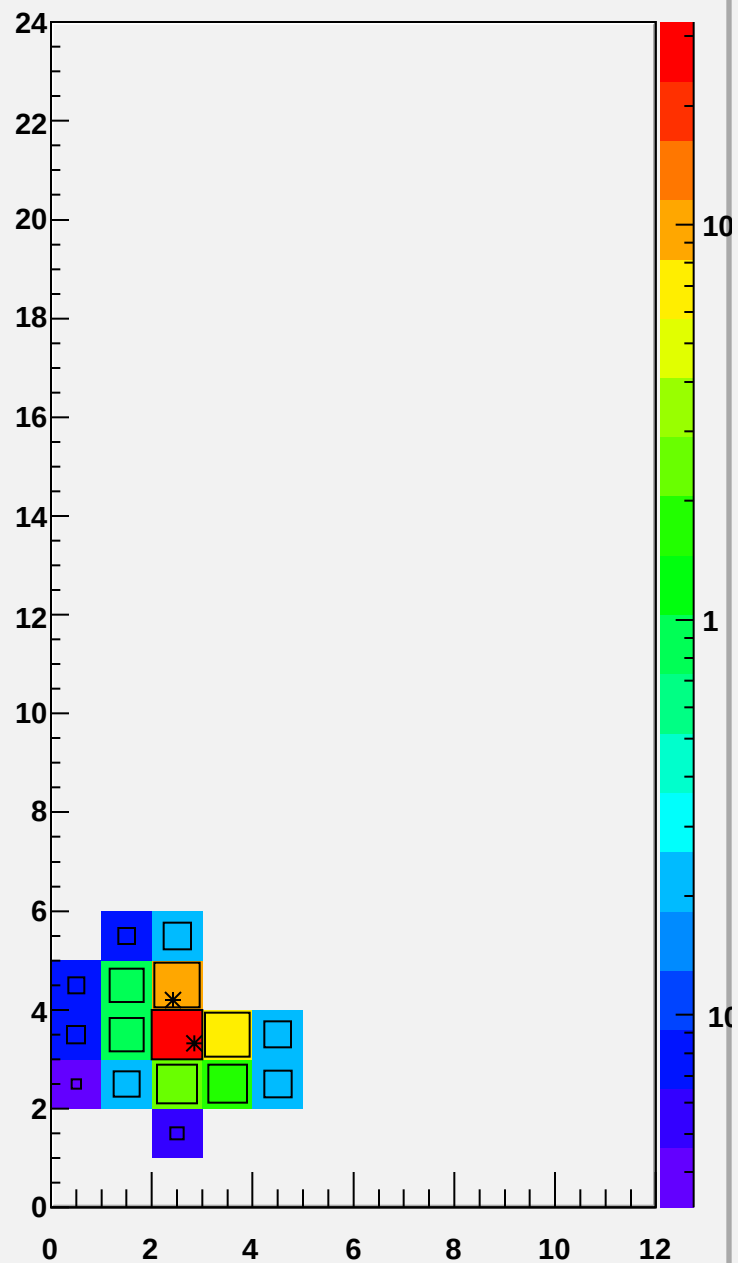
Fitted Energies



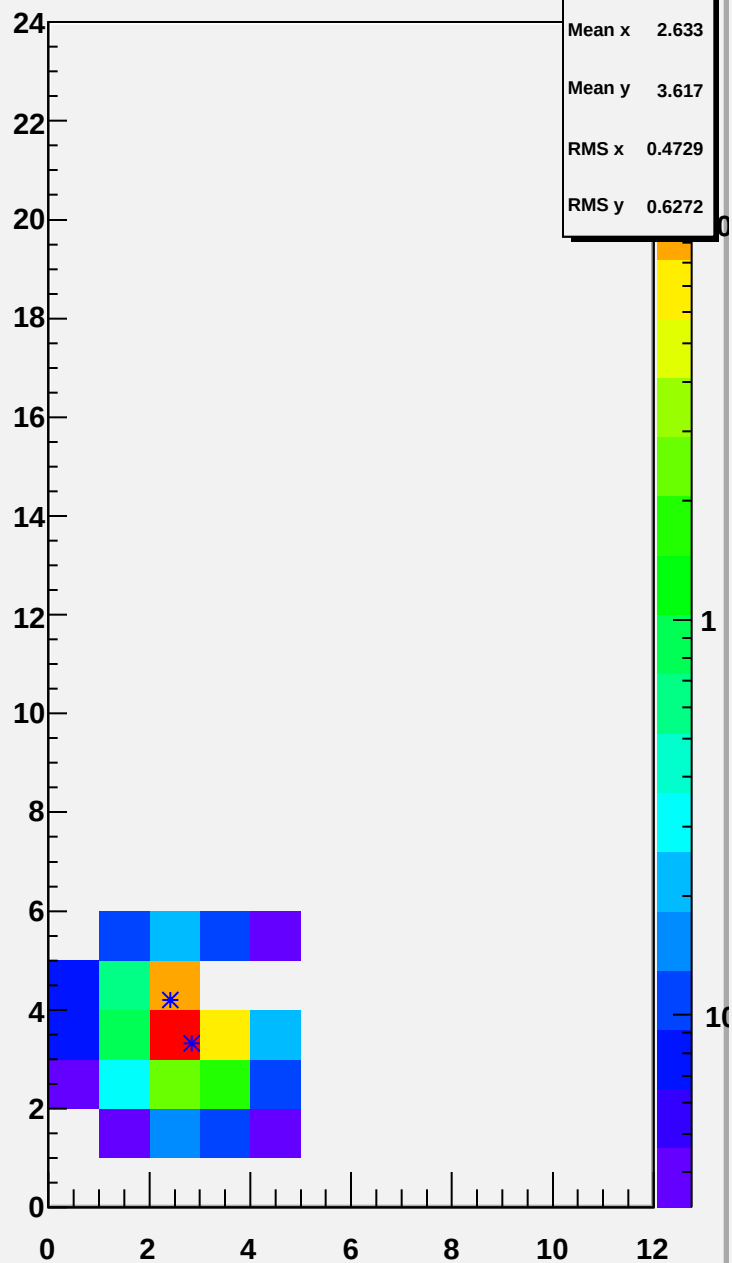
Efit

Entries	288
Mean x	2.471
Mean y	4.135
RMS x	0.3629
RMS y	0.6906

NSTB3_r4_c3_En=56.6_m0=0.126 m1=0.125 index=1793



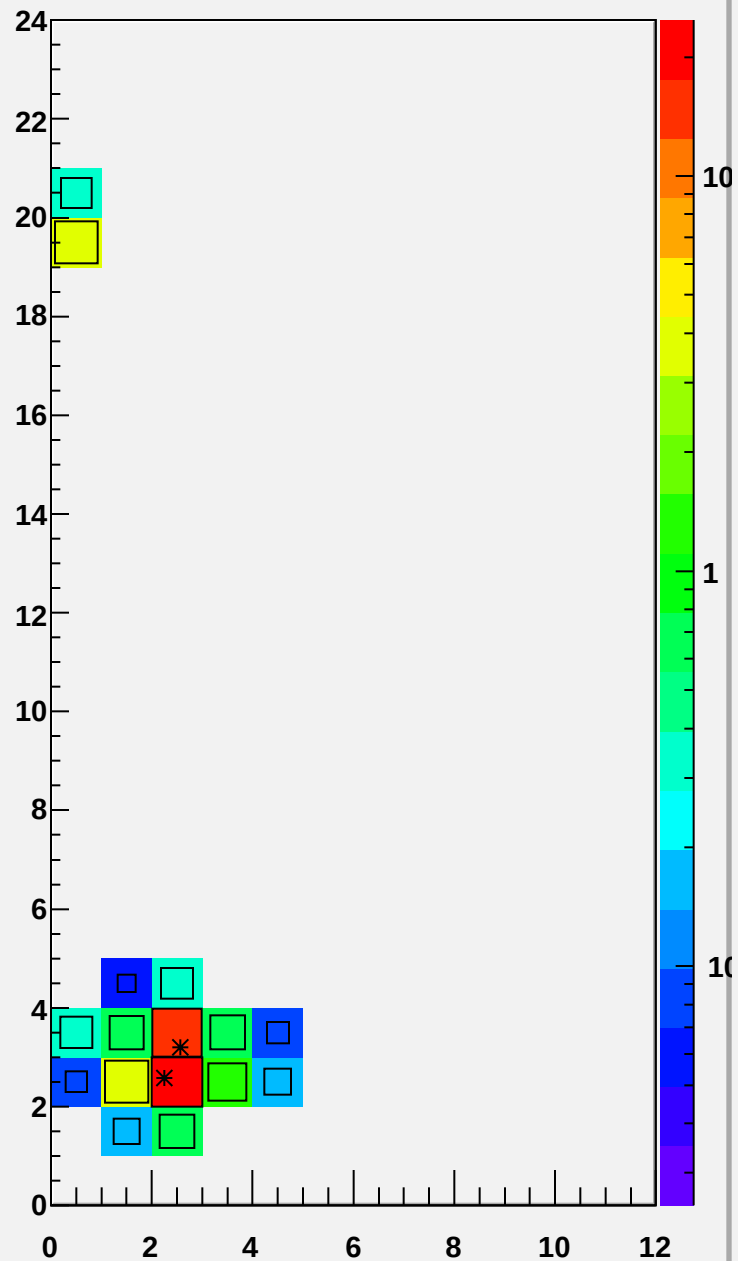
Fitted Energies



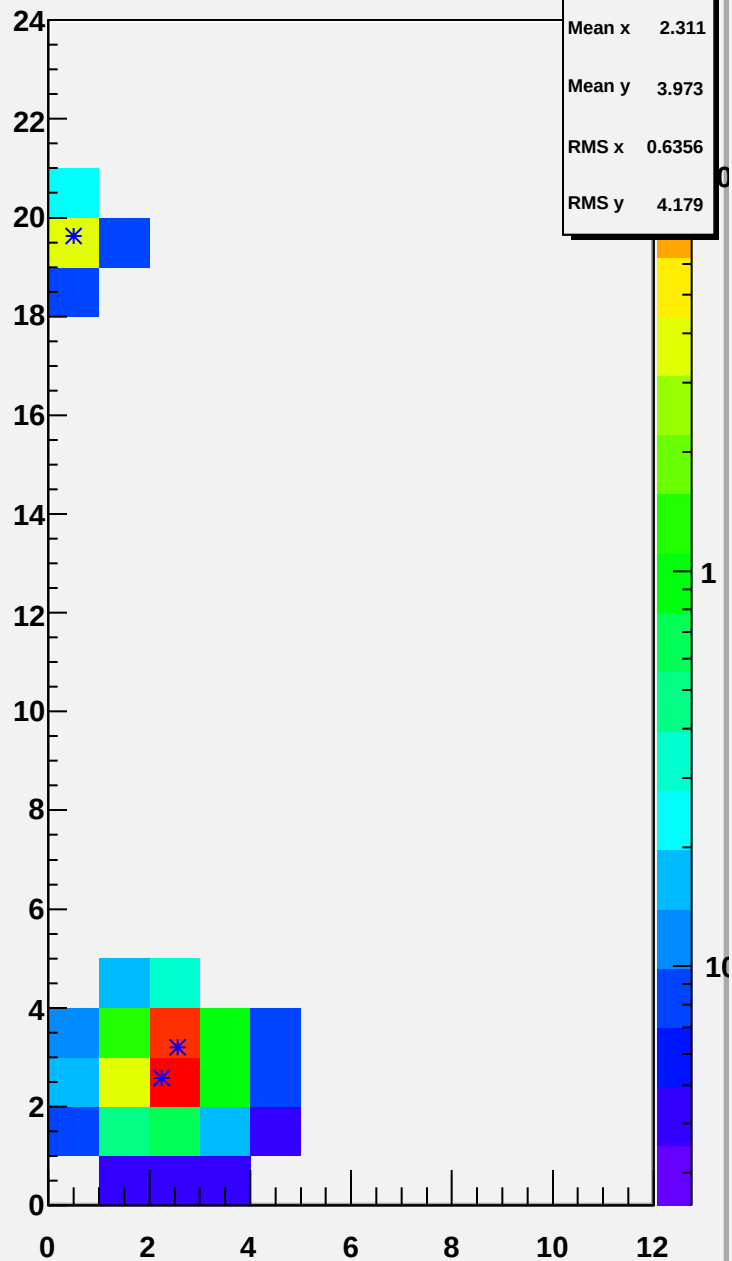
Efit

Entries	288
Mean x	2.633
Mean y	3.617
RMS x	0.4729
RMS y	0.6272

NSTB3_r4_c3_En=54.1_m0=0.094 m1=0.095 index=1794



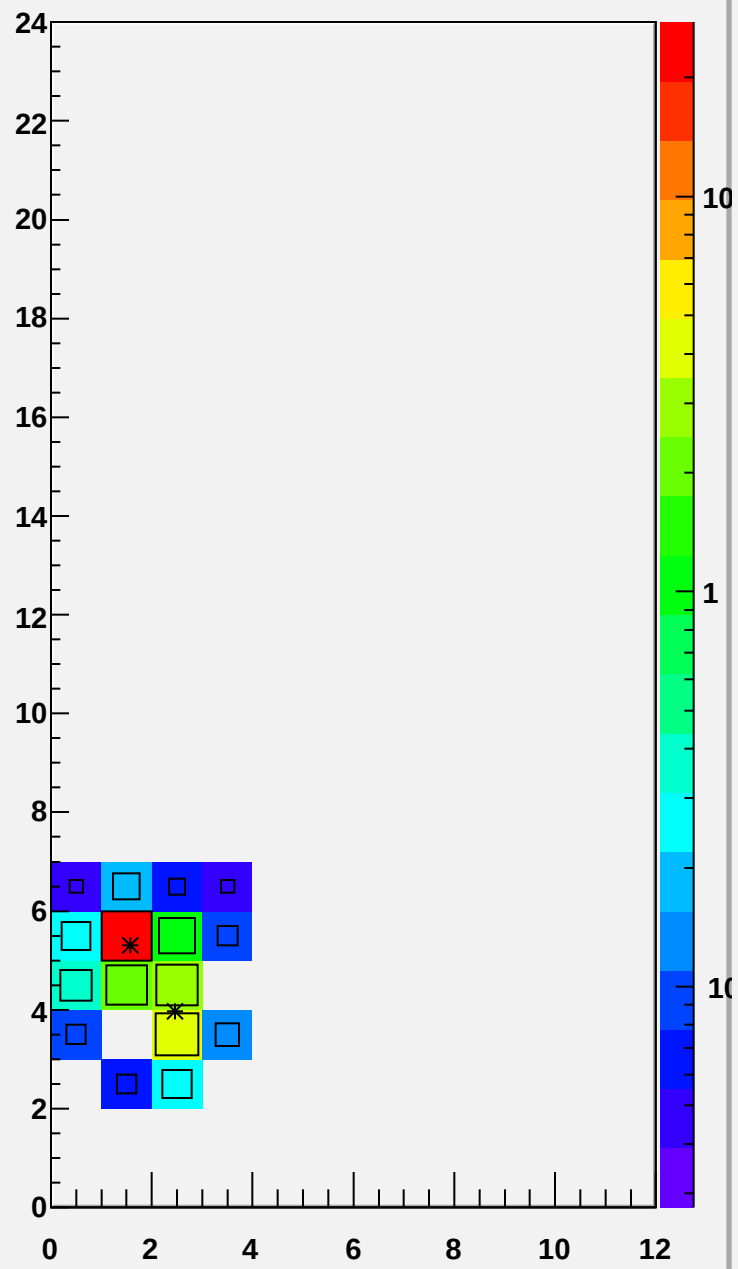
Fitted Energies



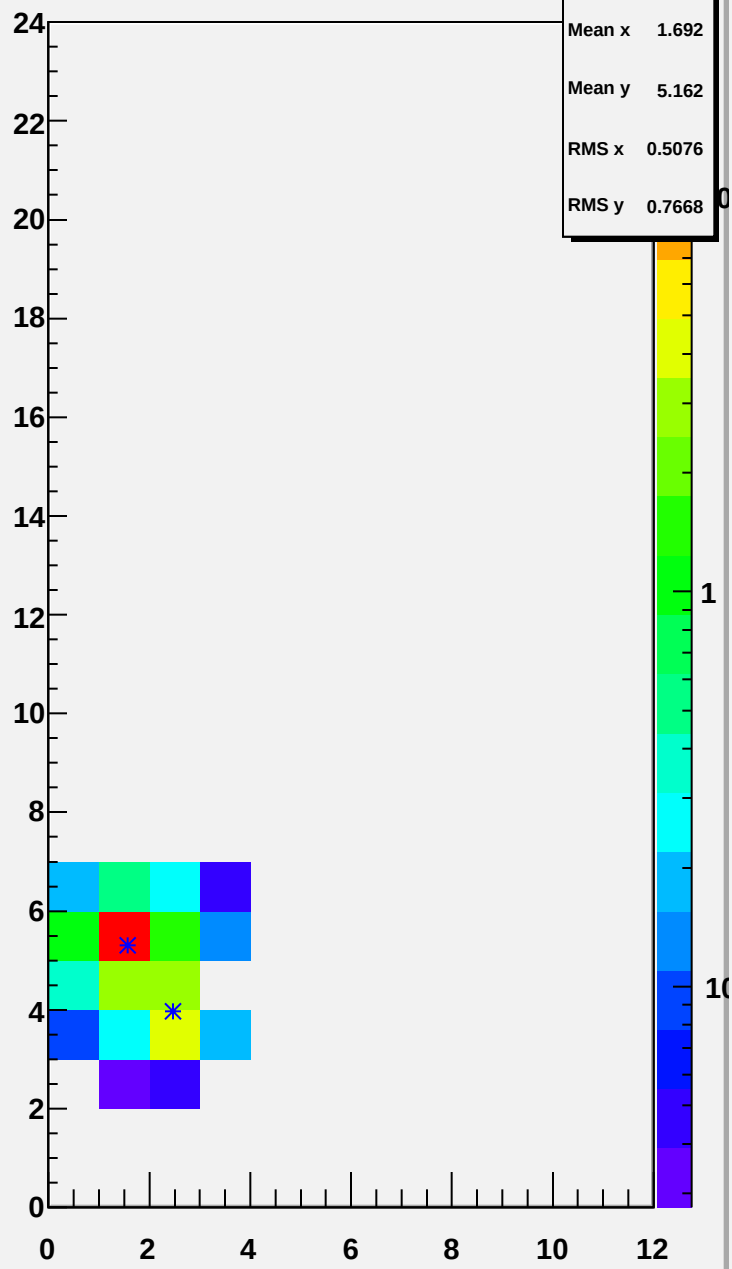
Efit

Entries	288
Mean x	2.311
Mean y	3.973
RMS x	0.6356
RMS y	4.179

NSTB3_r4_c3_En=39.5_m0=0.139 m1=0.139 index=1796



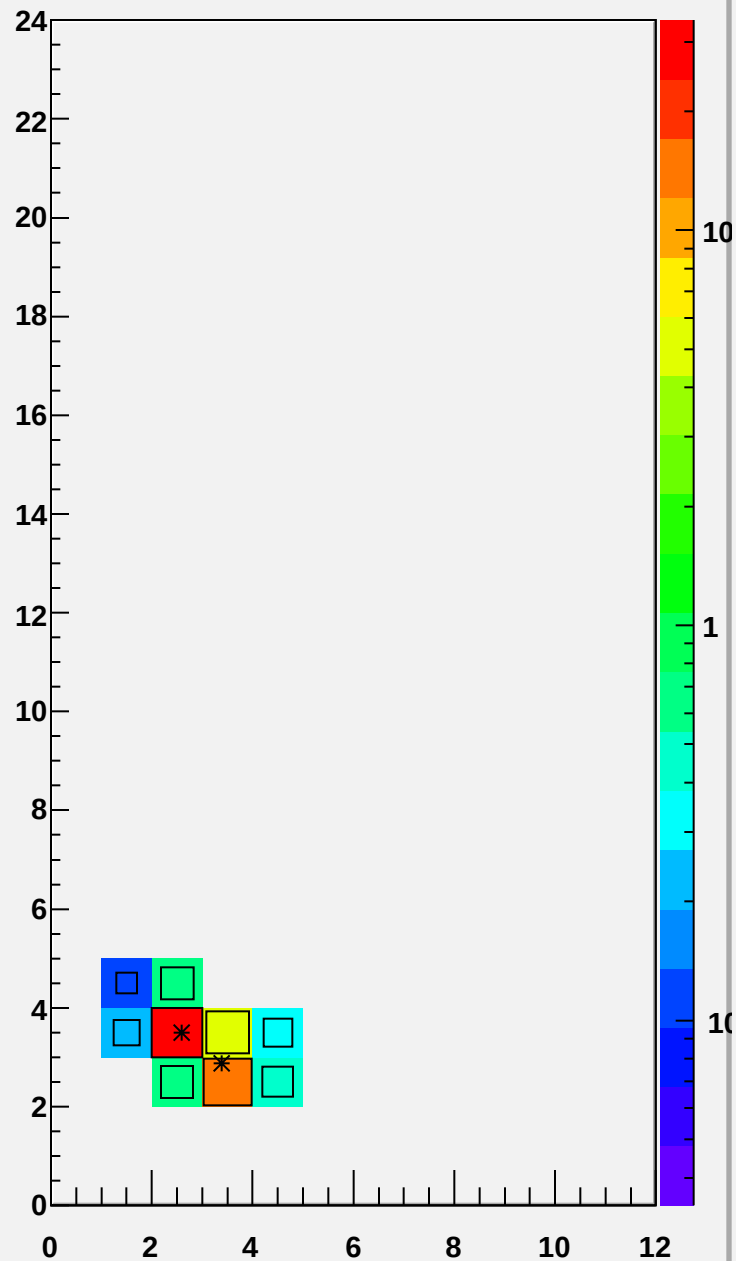
Fitted Energies



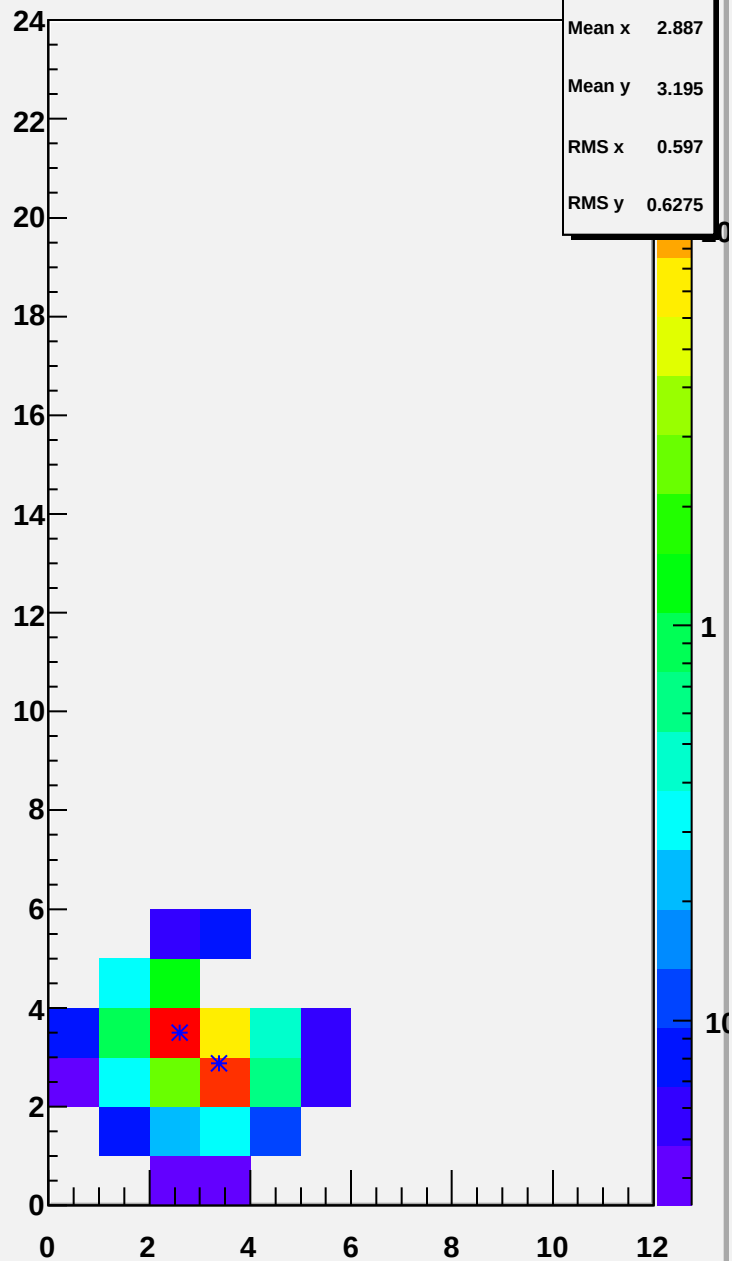
Efit

Entries	288
Mean x	1.692
Mean y	5.162
RMS x	0.5076
RMS y	0.7668

NSTB3_r4_c3_En=58.2_m0=0.171 m1=0.171 index=1797



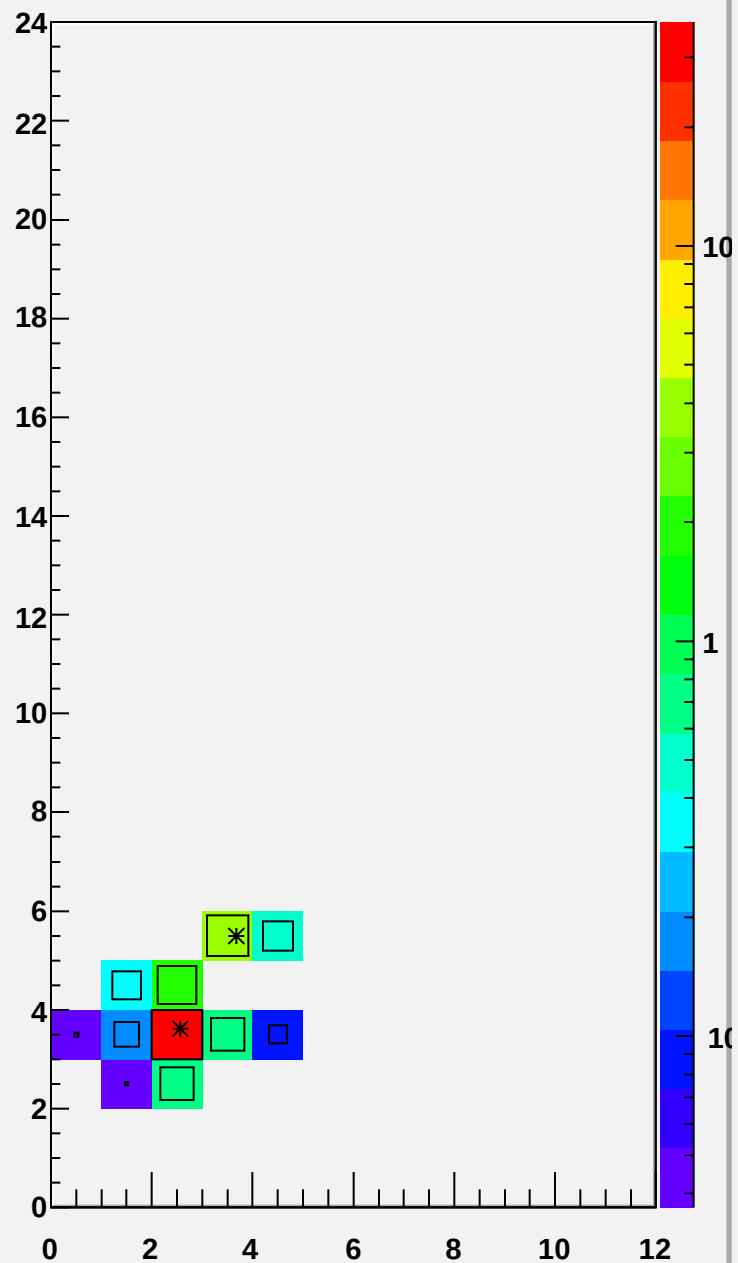
Fitted Energies



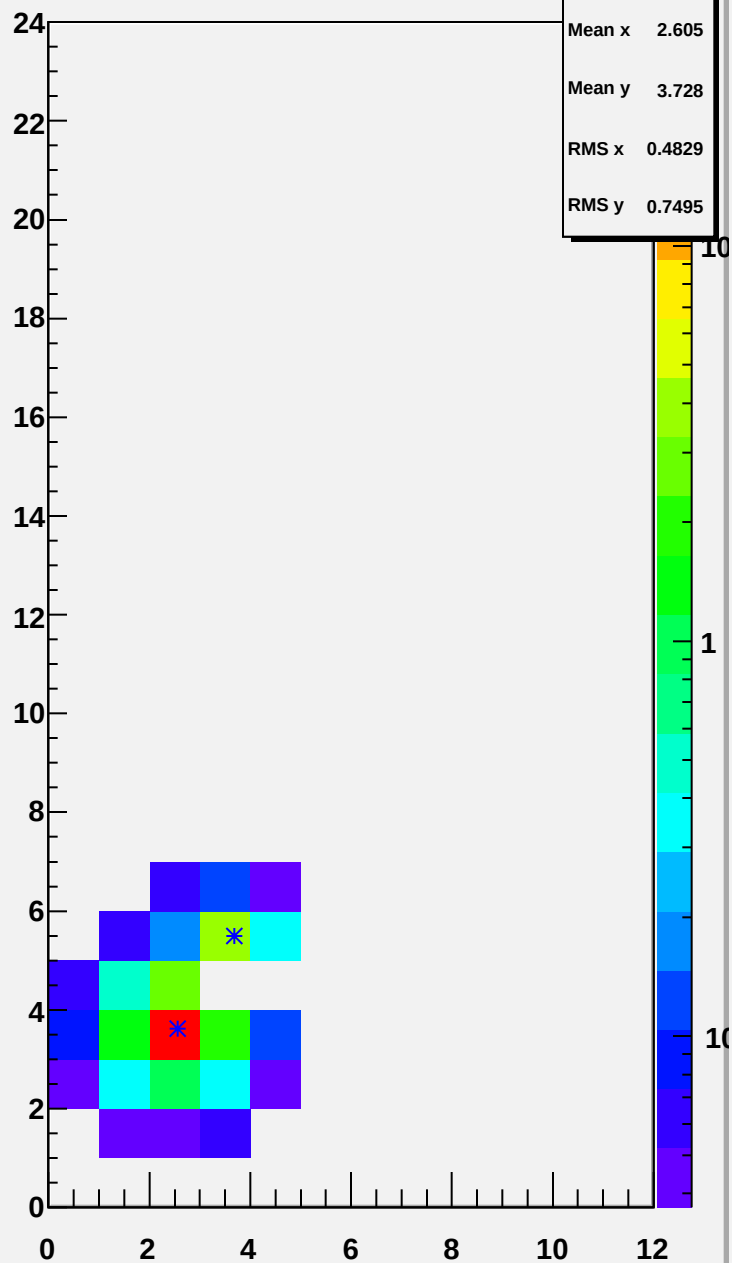
Efit

Entries	288
Mean x	2.887
Mean y	3.195
RMS x	0.597
RMS y	0.6275

NSTB3_r4_c3_En=45.5_m0=0.175 m1=0.175 index=1798



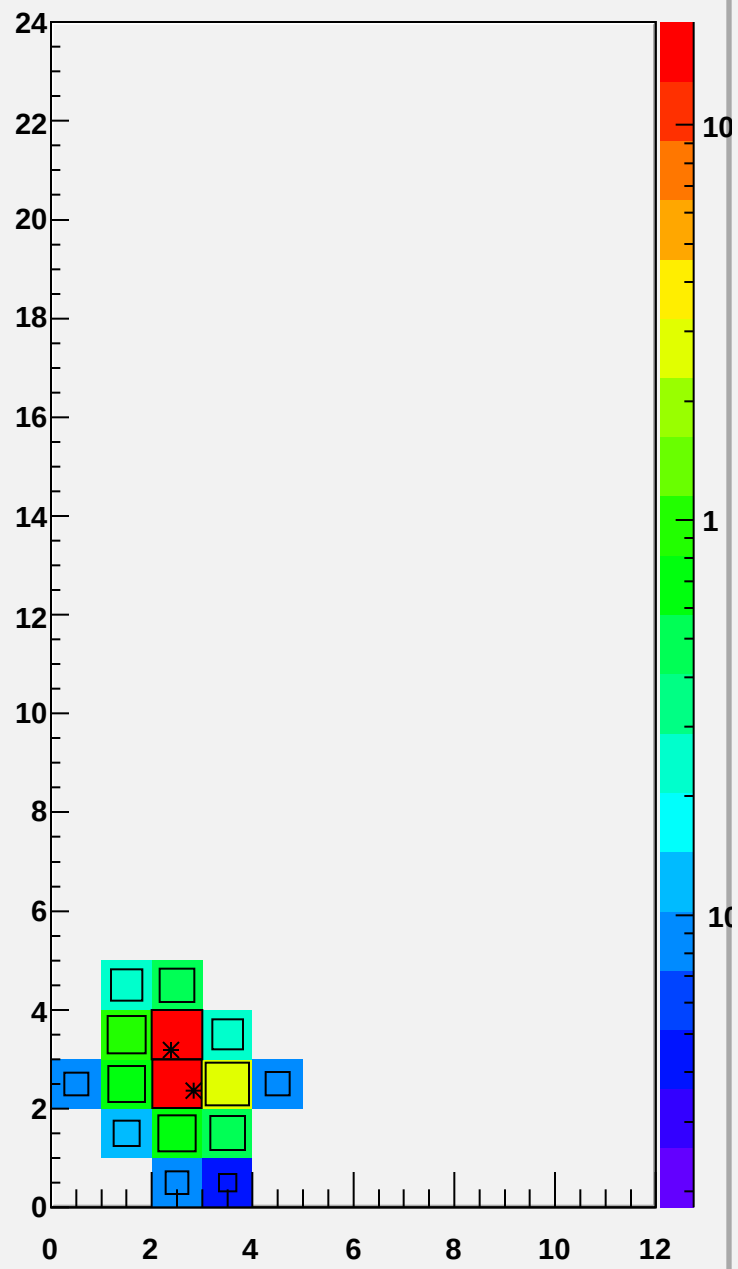
Fitted Energies



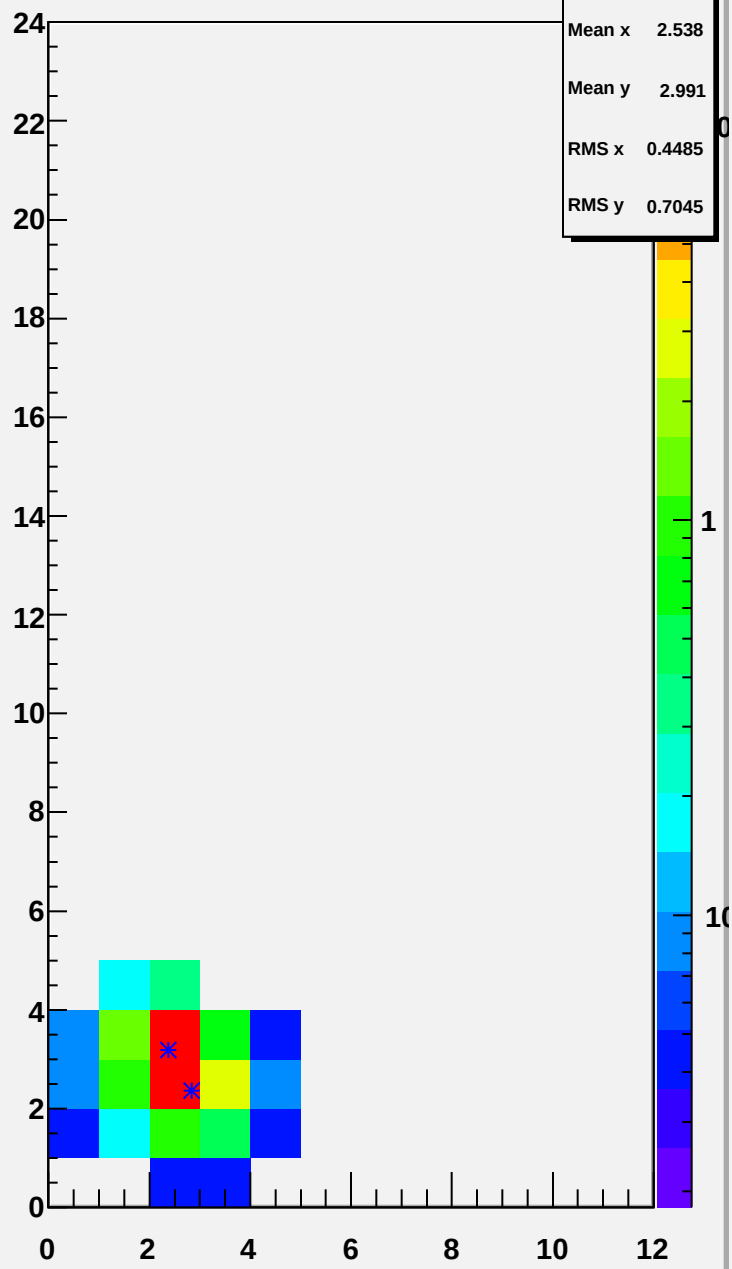
Efit

Entries	288
Mean x	2.605
Mean y	3.728
RMS x	0.4829
RMS y	0.7495

NSTB3_r4_c3_En=39.8_m0=0.100 m1=0.100 index=1800



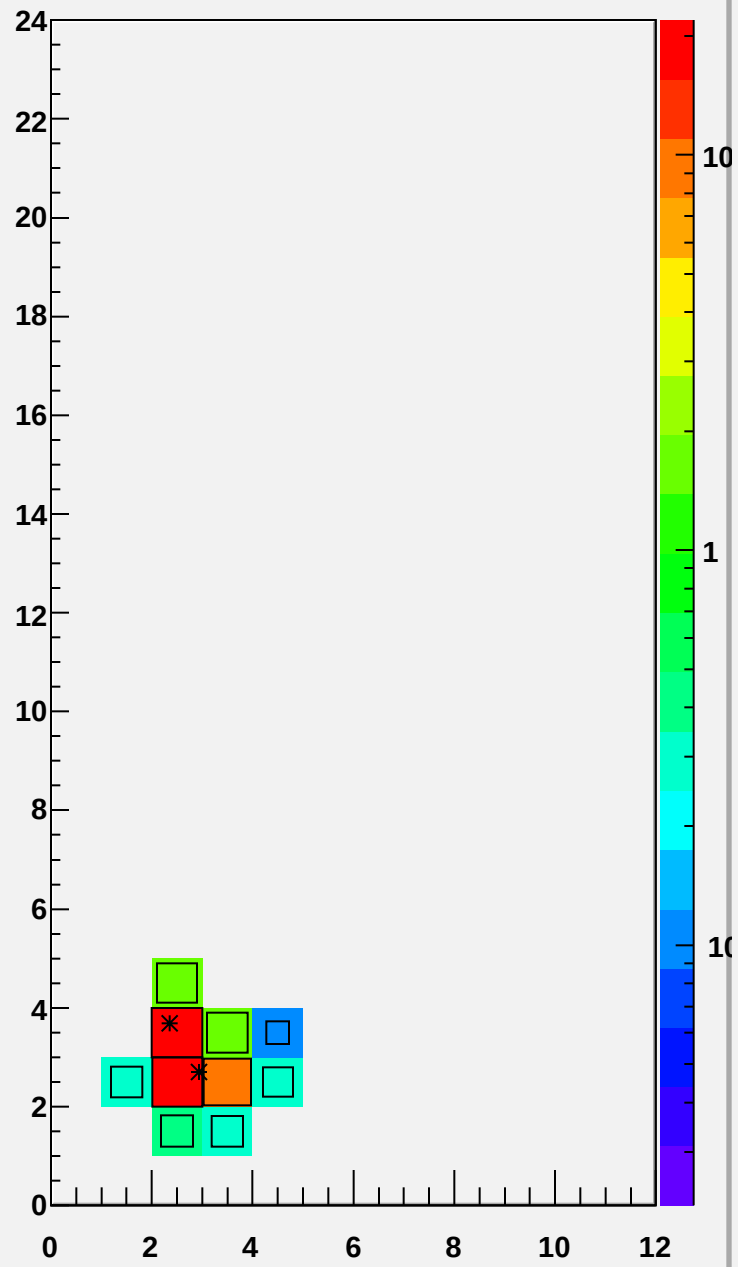
Fitted Energies



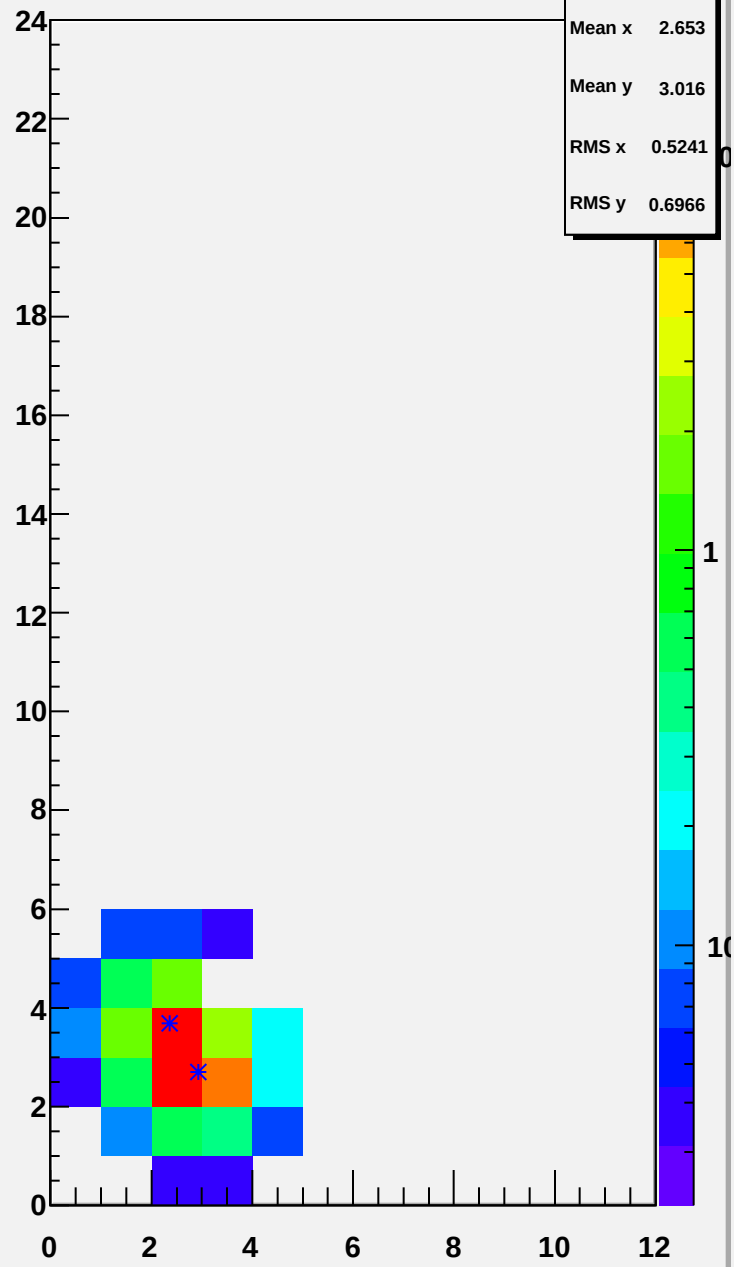
Efit

Entries	288
Mean x	2.538
Mean y	2.991
RMS x	0.4485
RMS y	0.7045

NSTB3_r4_c3_En=56.1_m0=0.181_m1=0.182_index=1801



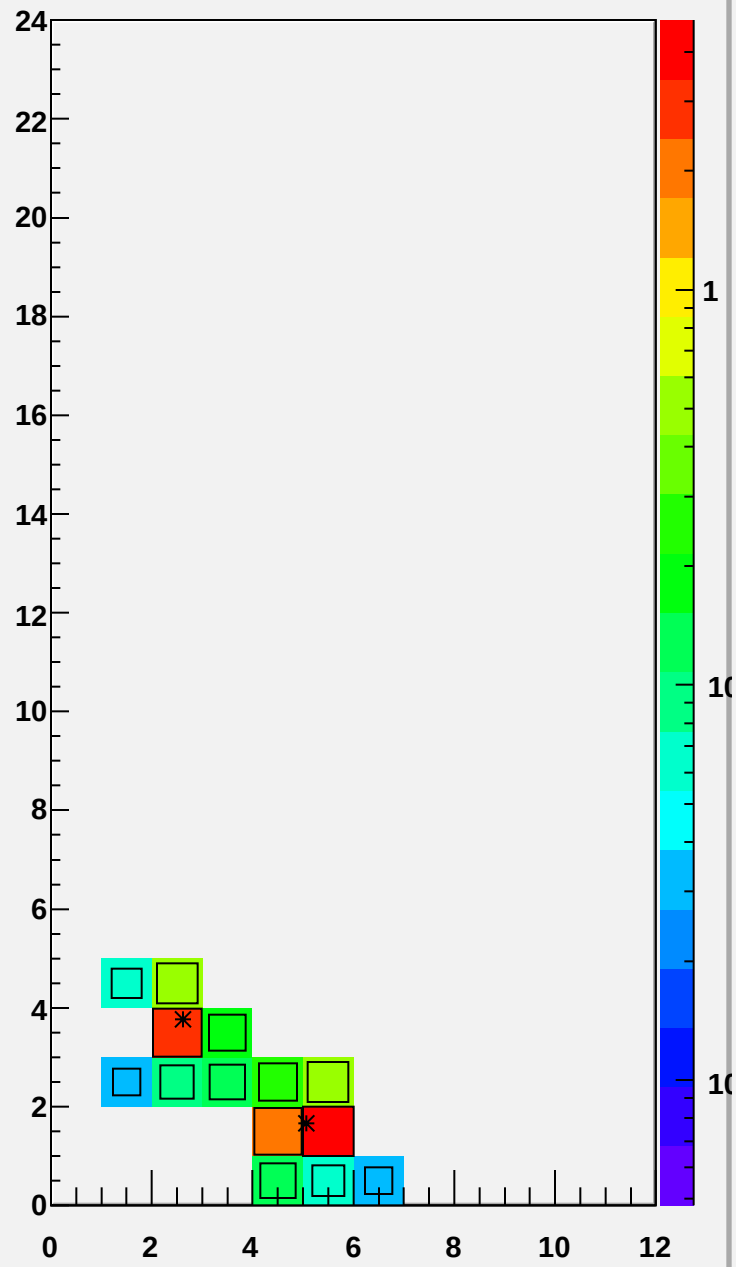
Fitted Energies



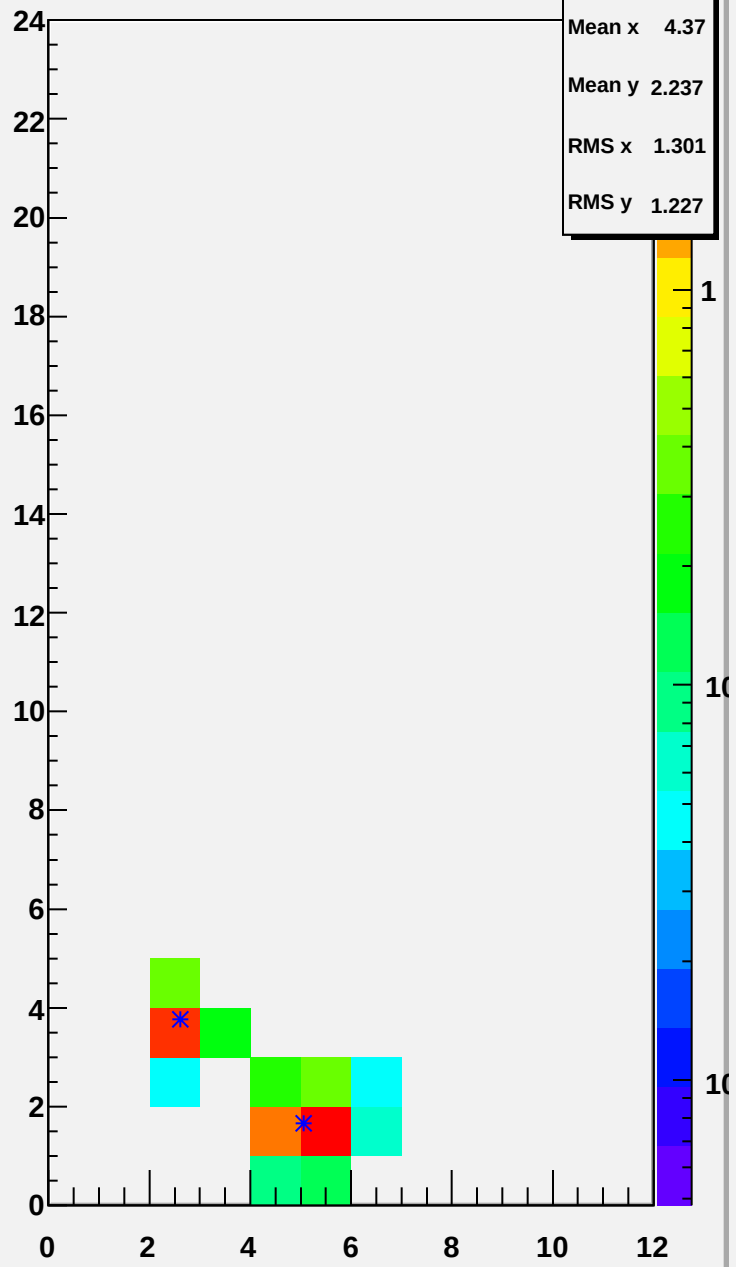
Efit

Entries	288
Mean x	2.653
Mean y	3.016
RMS x	0.5241
RMS y	0.6966

NSTB3_r4_c3_En=11.9_m0=0.101 m1=0.101 index=1803

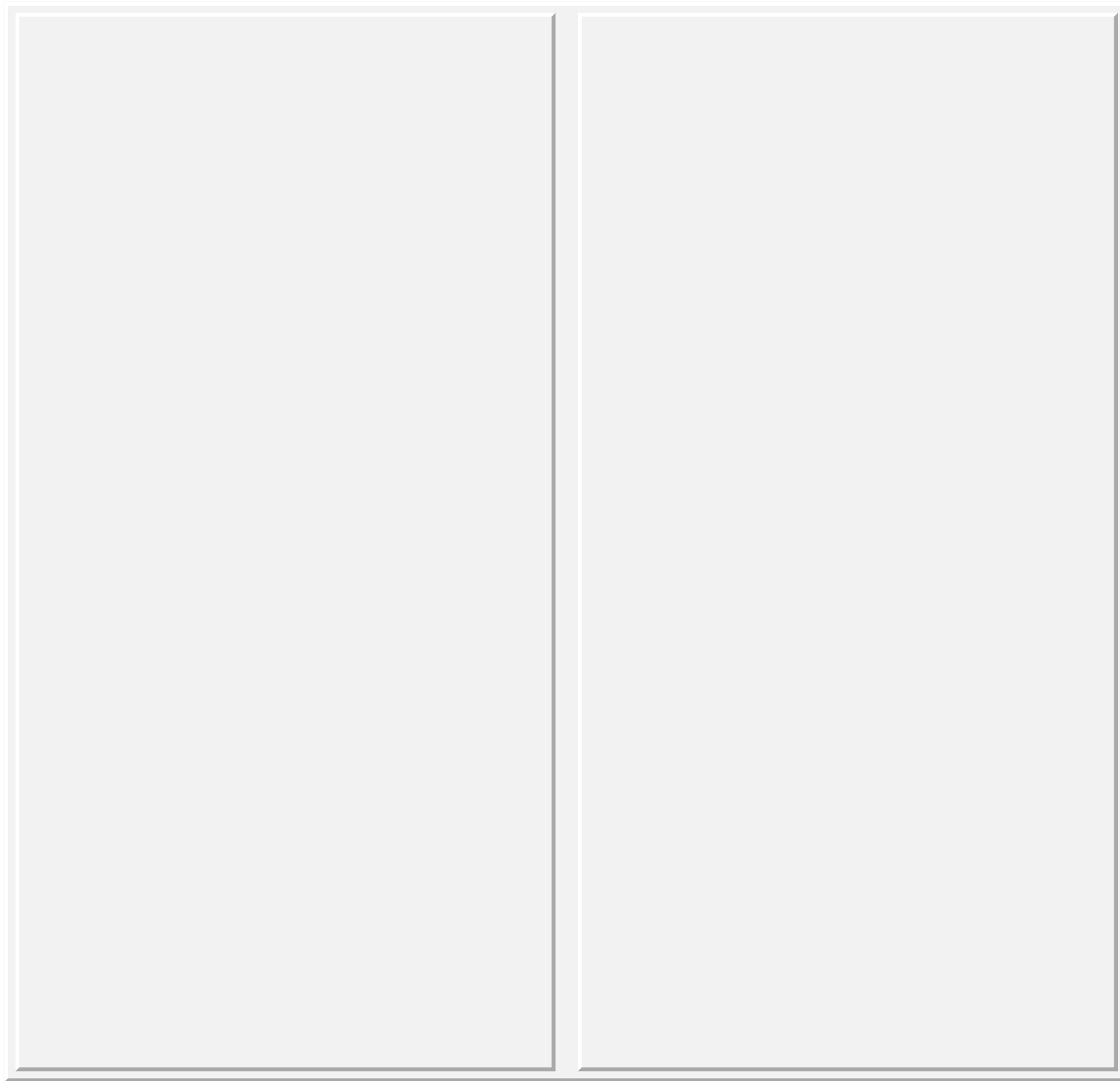


Fitted Energies

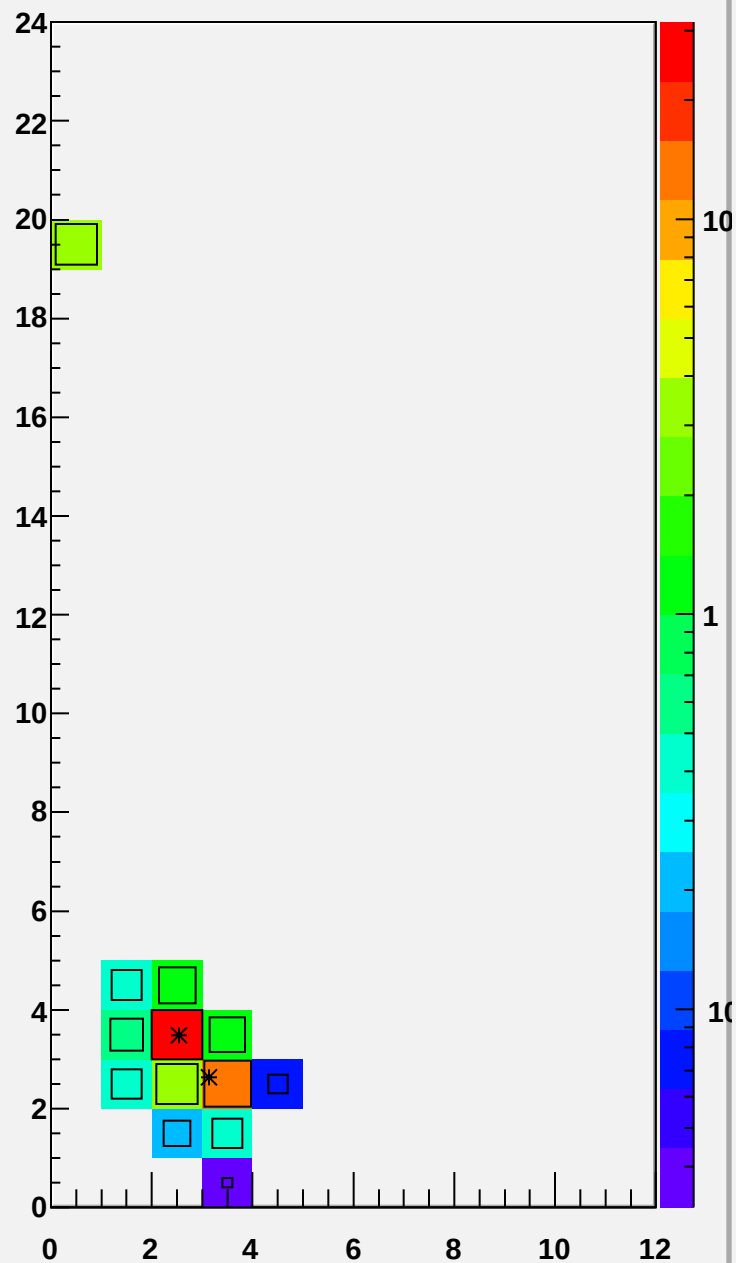


Efit

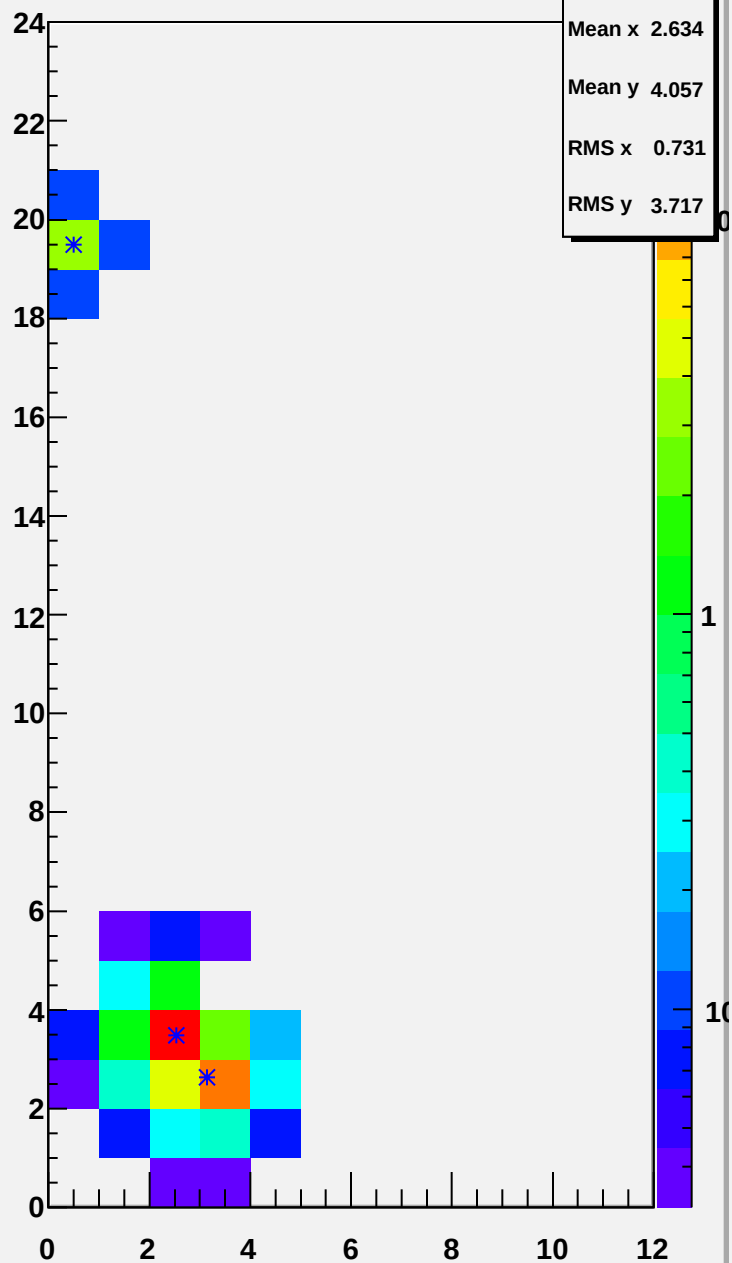
Entries 288
Mean x 4.37
Mean y 2.237
RMS x 1.301
RMS y 1.227



NSTB3_r4_c3_En=54.6_m0=0.149 m1=0.149 index=1806



Fitted Energies



Efit

Entries 288

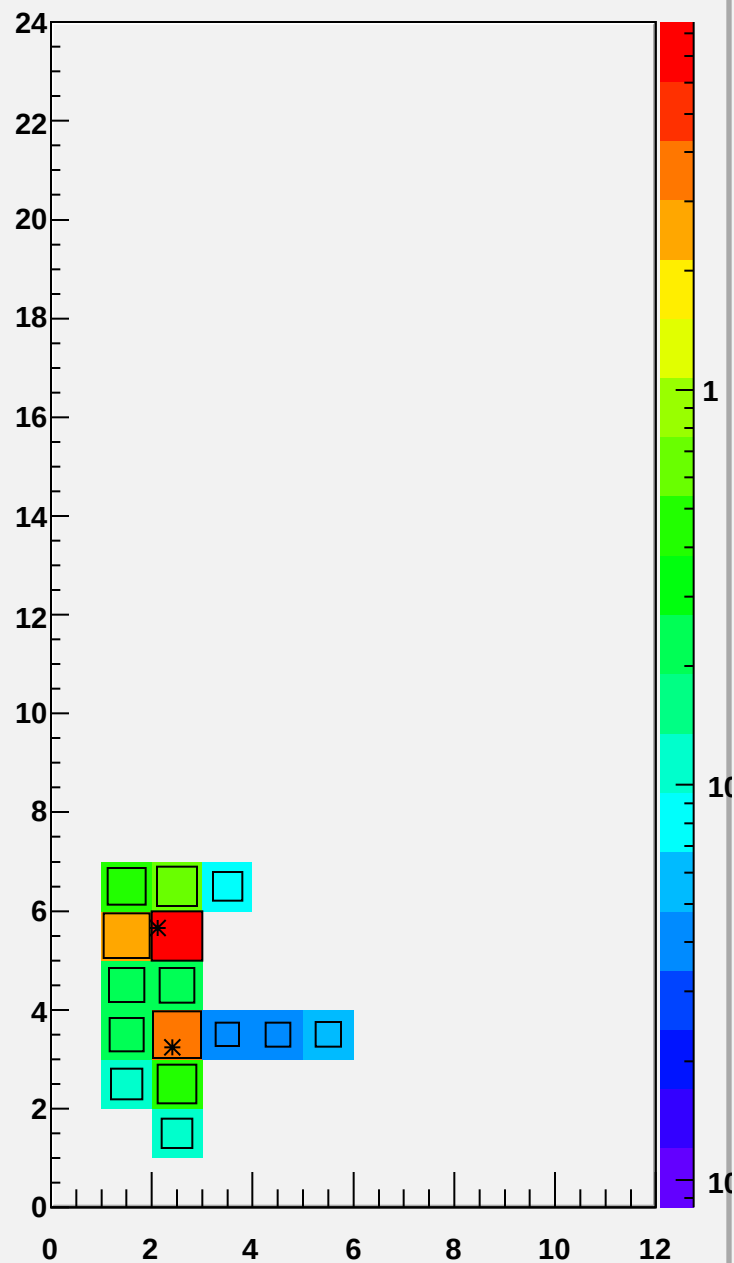
Mean x 2.634

Mean y 4.057

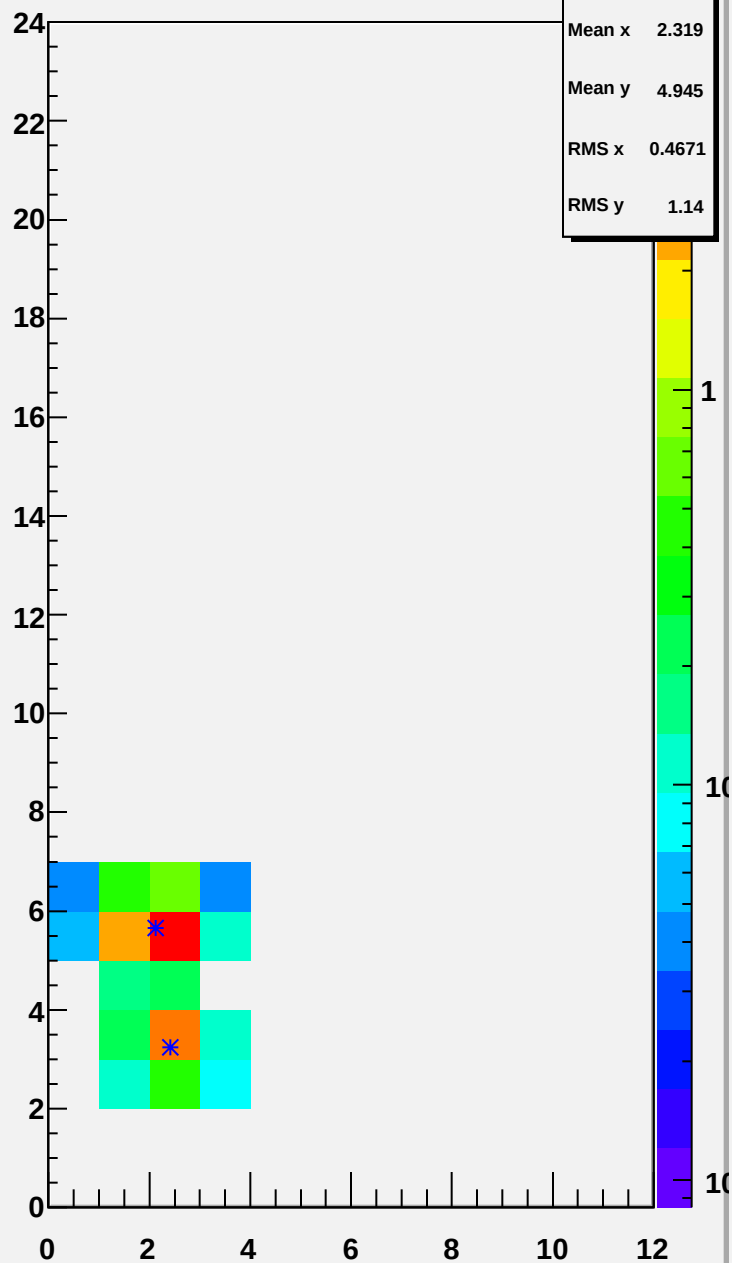
RMS x 0.731

RMS y 3.717

NSTB3_r4_c3_En=18.0_m0=0.112 m1=0.112 index=1807



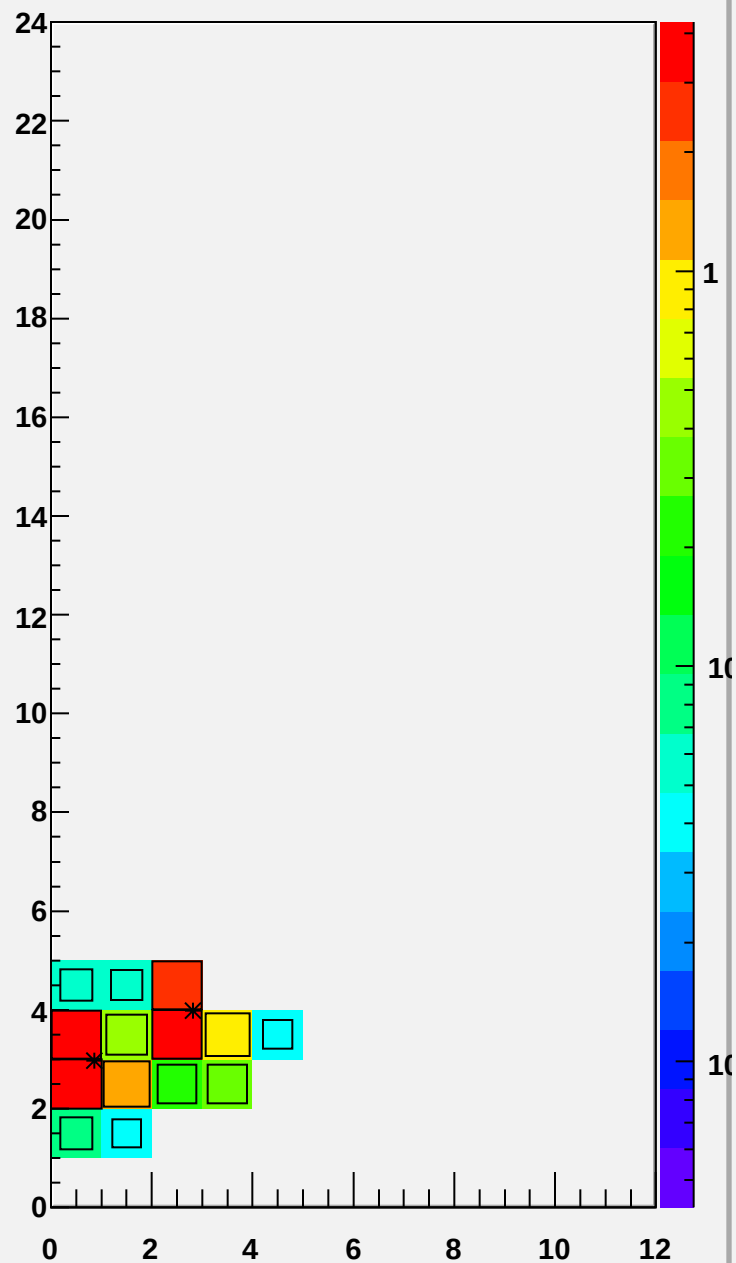
Fitted Energies



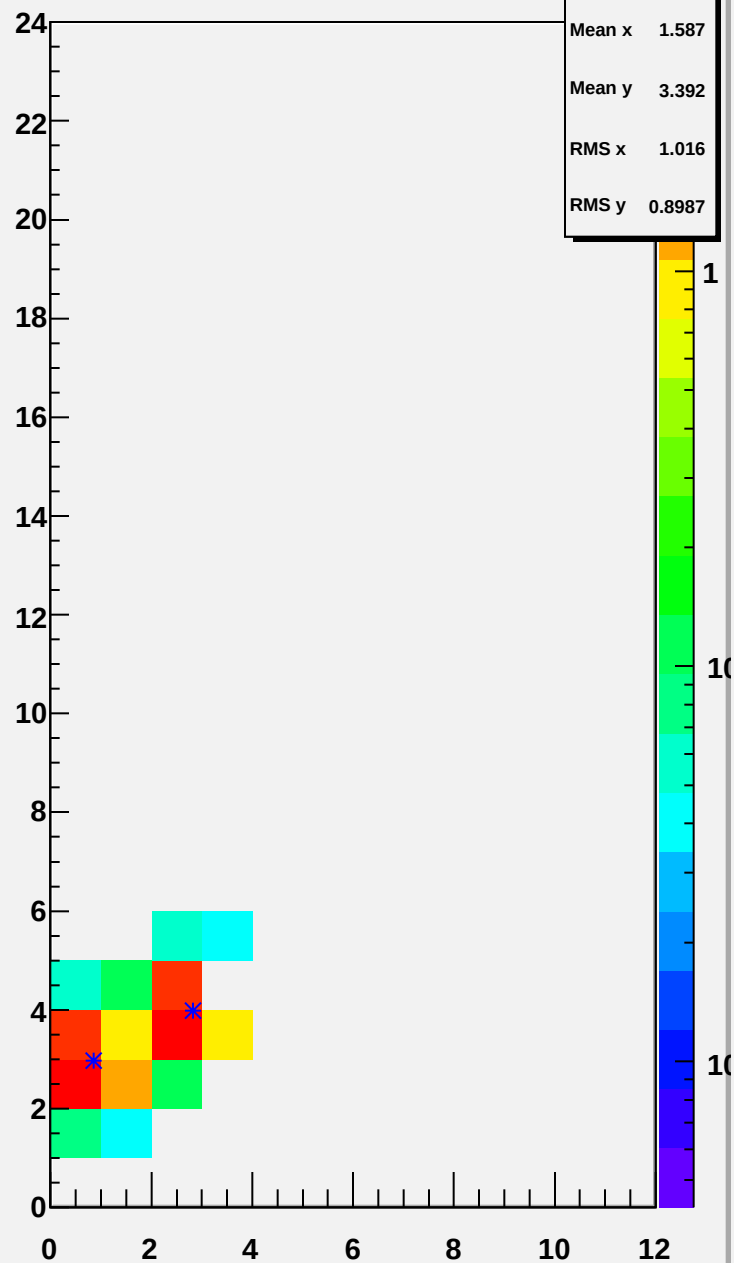
Efit

Entries	288
Mean x	2.319
Mean y	4.945
RMS x	0.4671
RMS y	1.14

NSTB3_r4_c3_En=17.2_m0=0.112 m1=0.112 index=1808



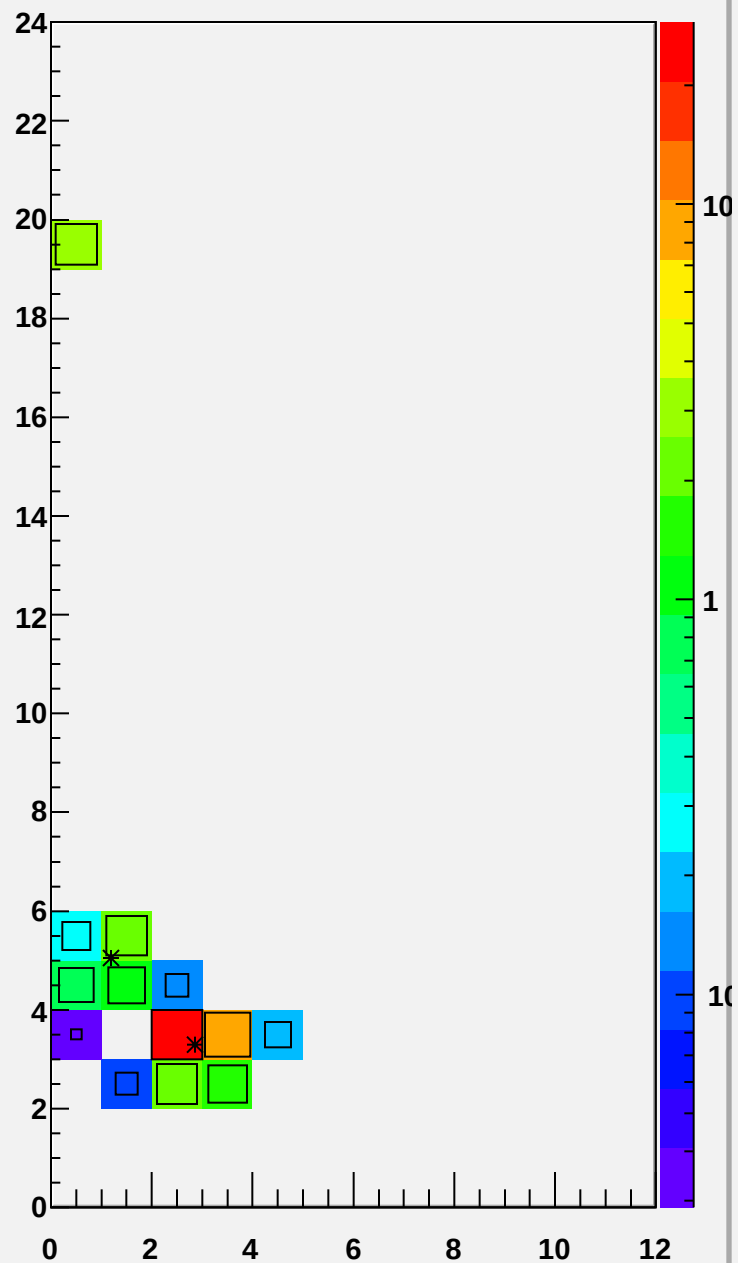
Fitted Energies



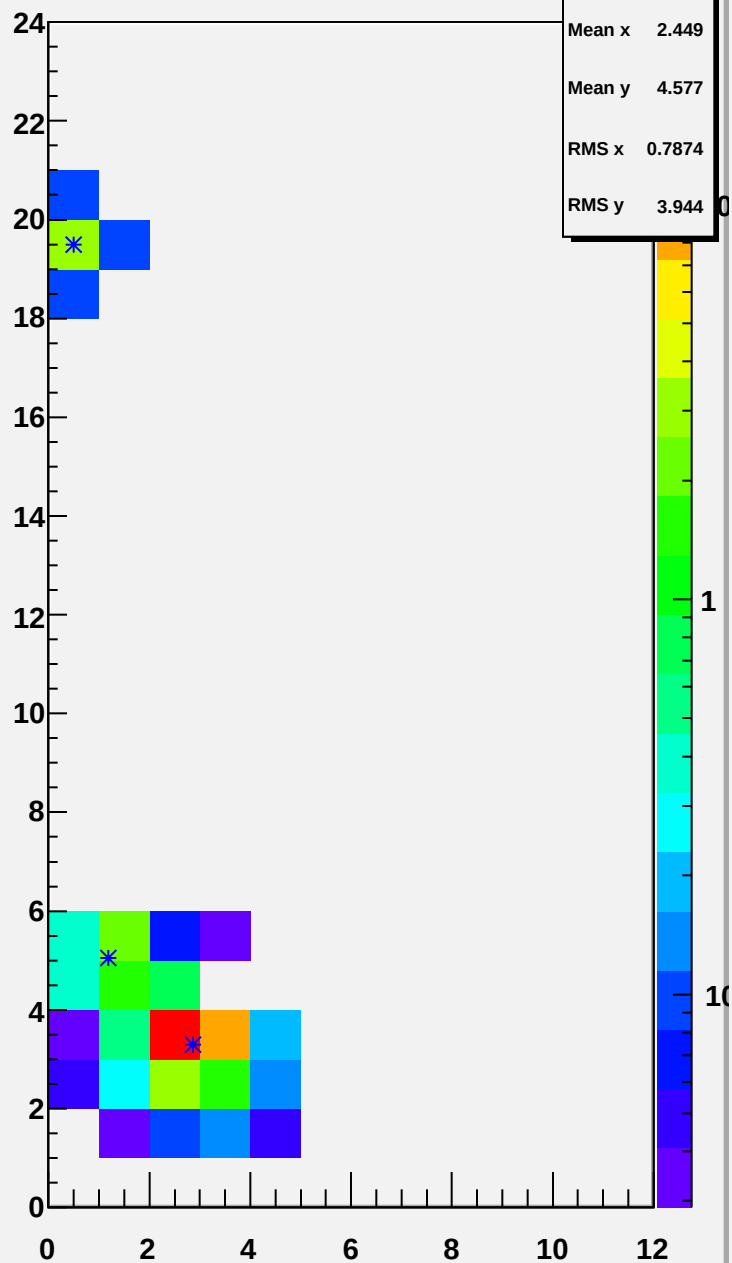
Efit

Entries	288
Mean x	1.587
Mean y	3.392
RMS x	1.016
RMS y	0.8987

NSTB3_r4_c3_En=48.5_m0=0.187 m1=0.187 index=1809



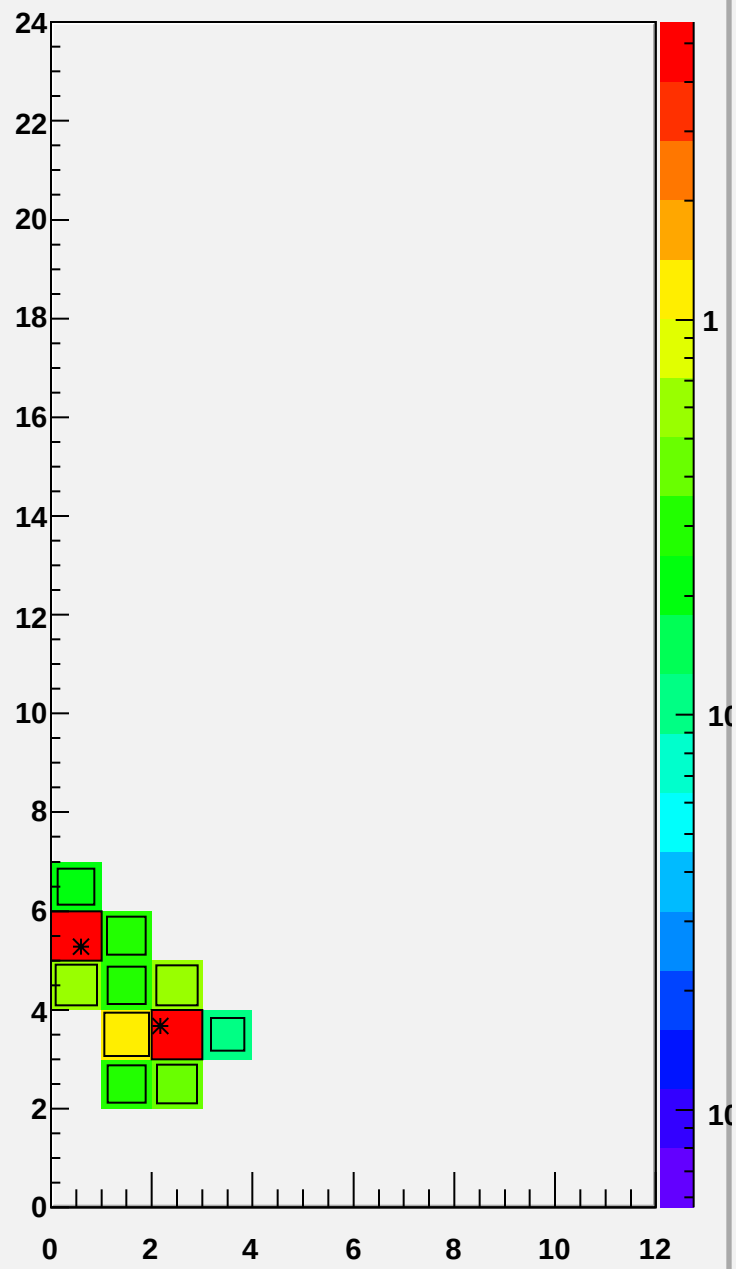
Fitted Energies



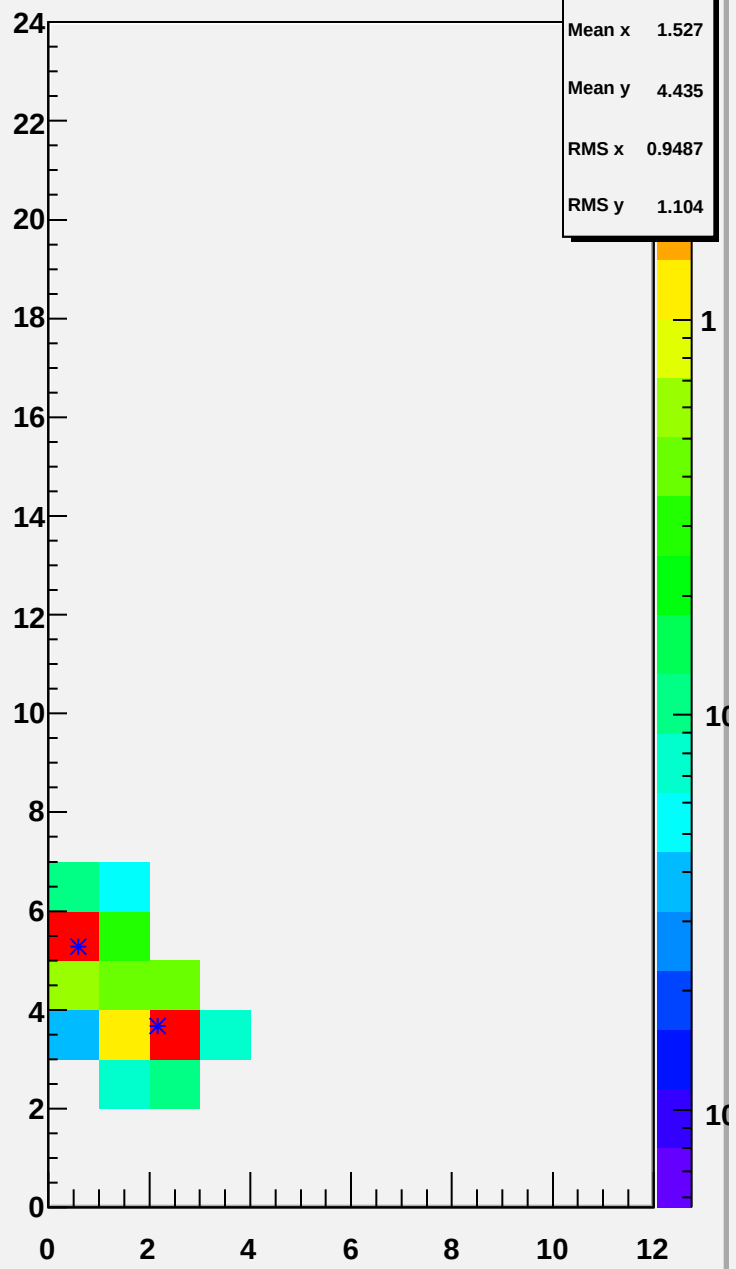
Efit

Entries	288
Mean x	2.449
Mean y	4.577
RMS x	0.7874
RMS y	3.944

NSTB3_r4_c3_En=15.1_m0=0.093 m1=0.093 index=1810



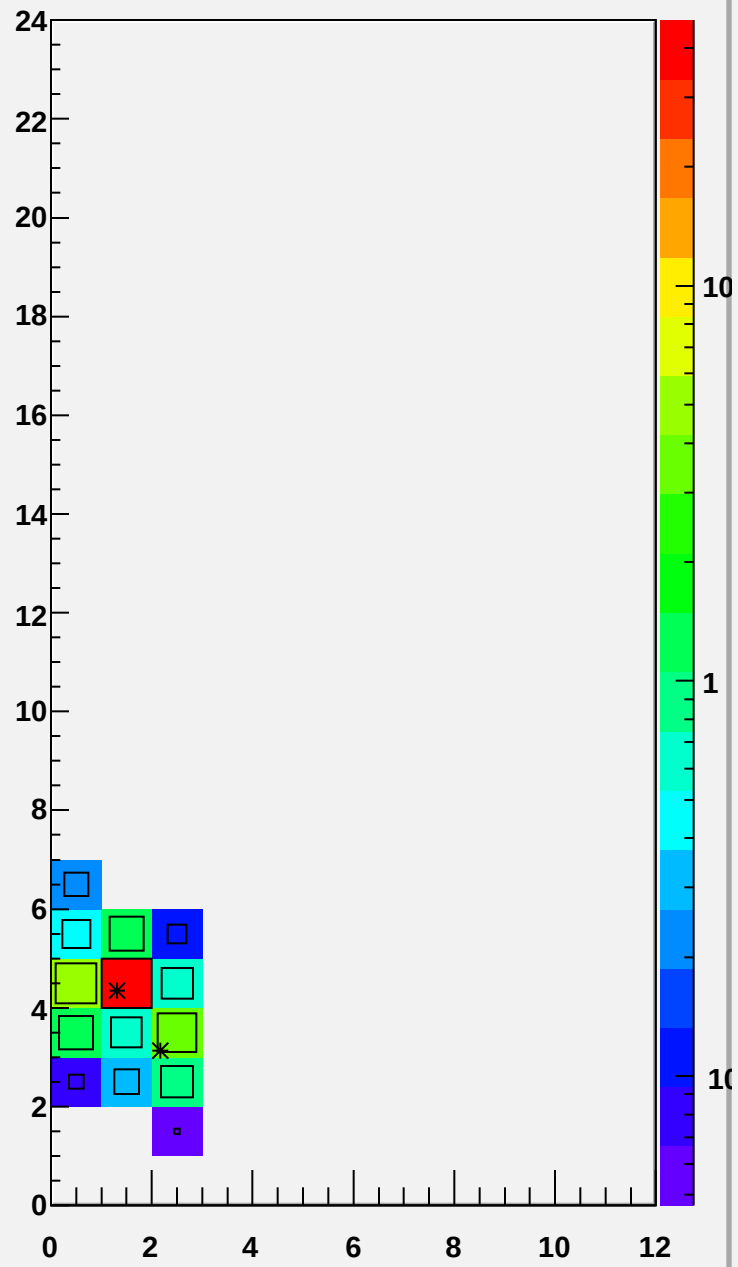
Fitted Energies



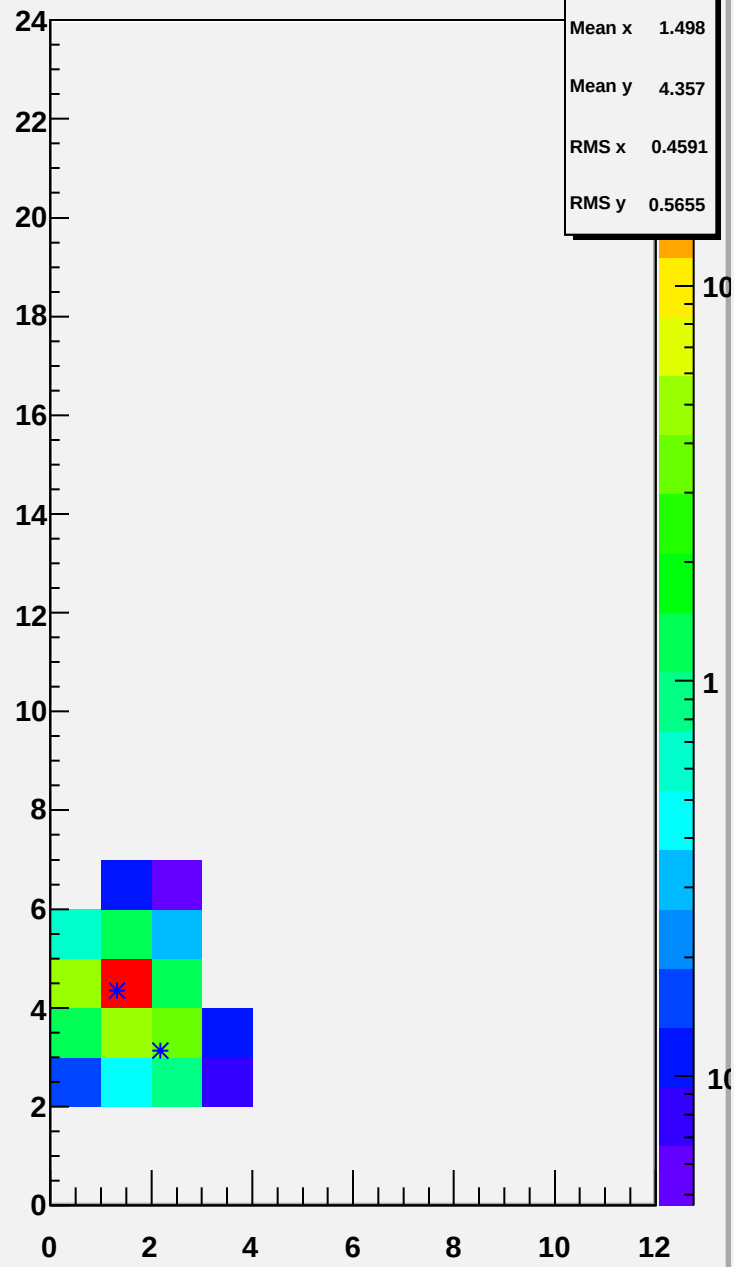
Efit

Entries	288
Mean x	1.527
Mean y	4.435
RMS x	0.9487
RMS y	1.104

NSTB3_r4_c3_En=59.9_m0=0.141 m1=0.141 index=1811



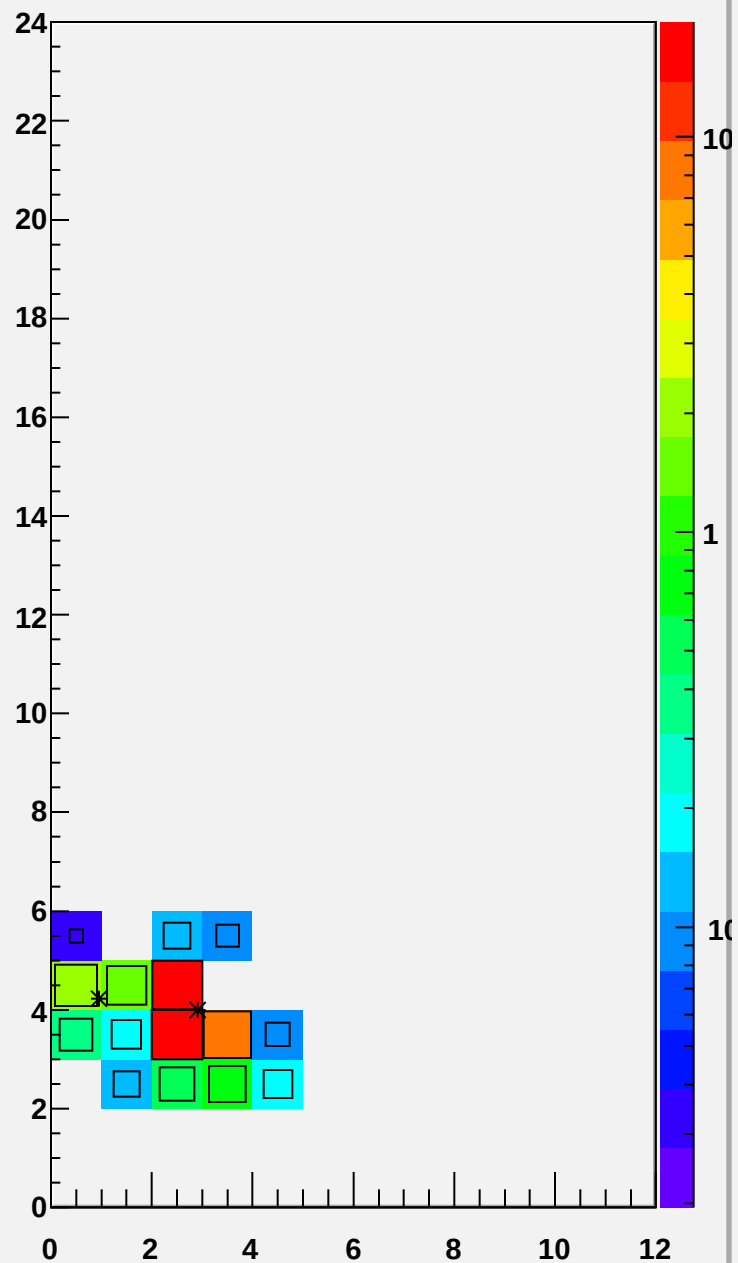
Fitted Energies



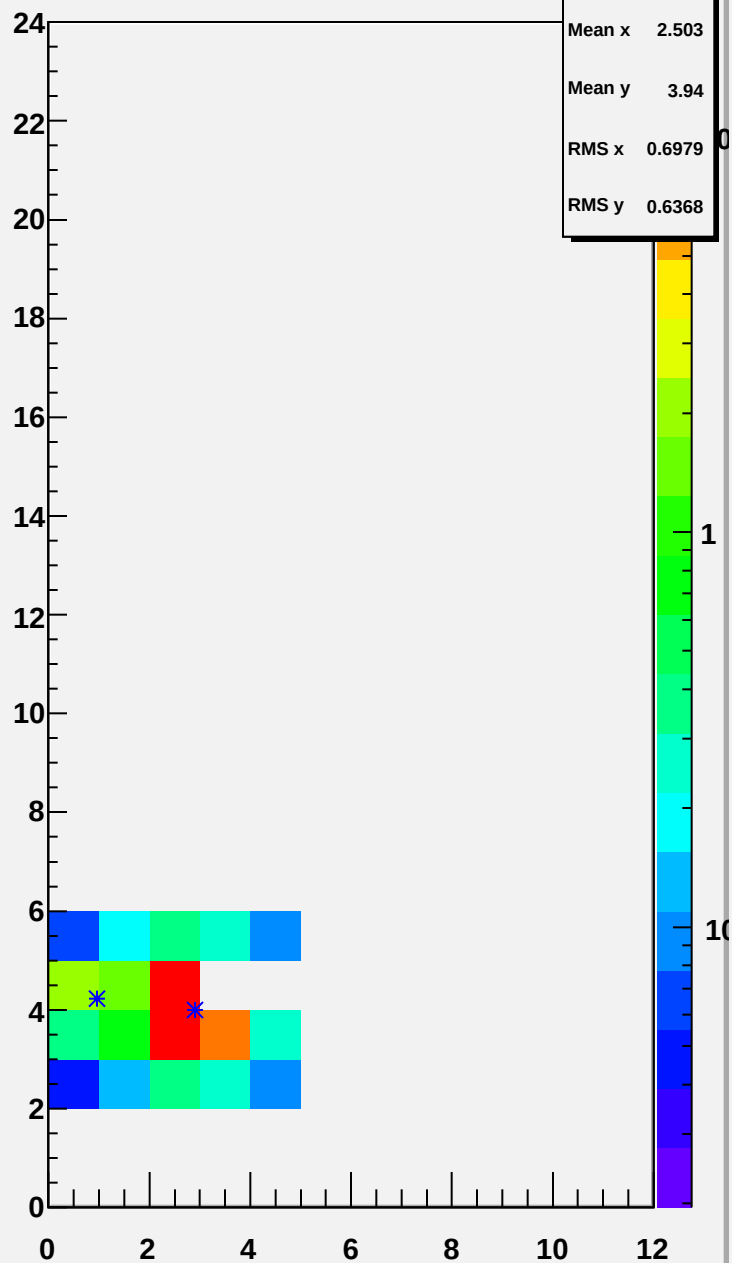
Efit

Entries	288
Mean x	1.498
Mean y	4.357
RMS x	0.4591
RMS y	0.5655

NSTB3_r4_c3_En=51.5_m0=0.164 m1=0.164 index=1812



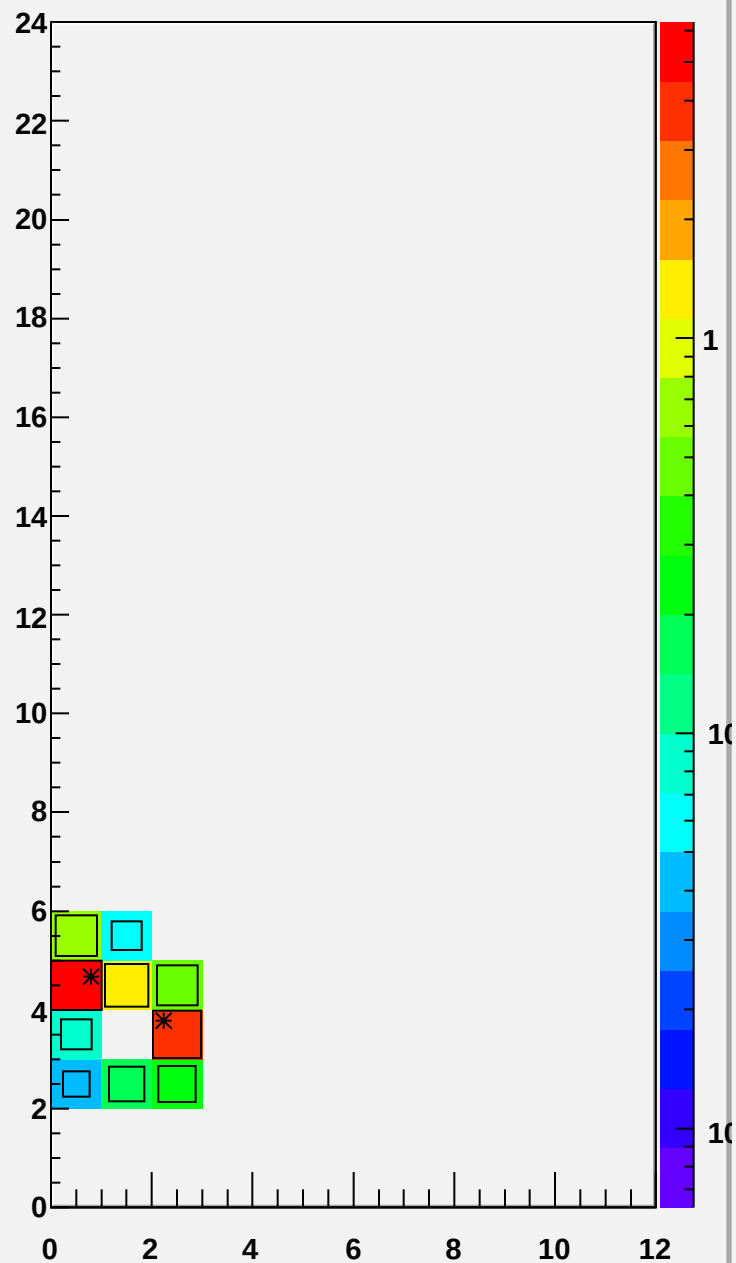
Fitted Energies



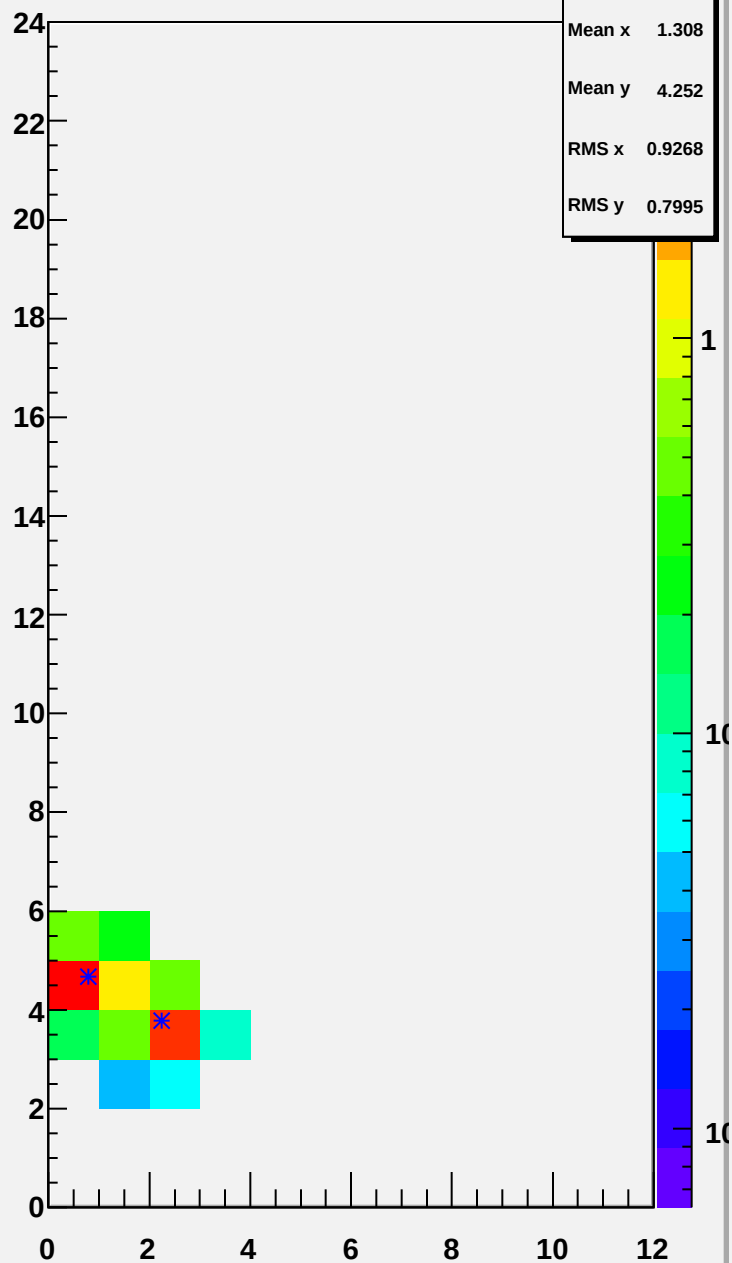
Efit

Entries	288
Mean x	2.503
Mean y	3.94
RMS x	0.6979
RMS y	0.6368

NSTB3_r4_c3_En=12.9_m0=0.062 m1=0.061 index=1813



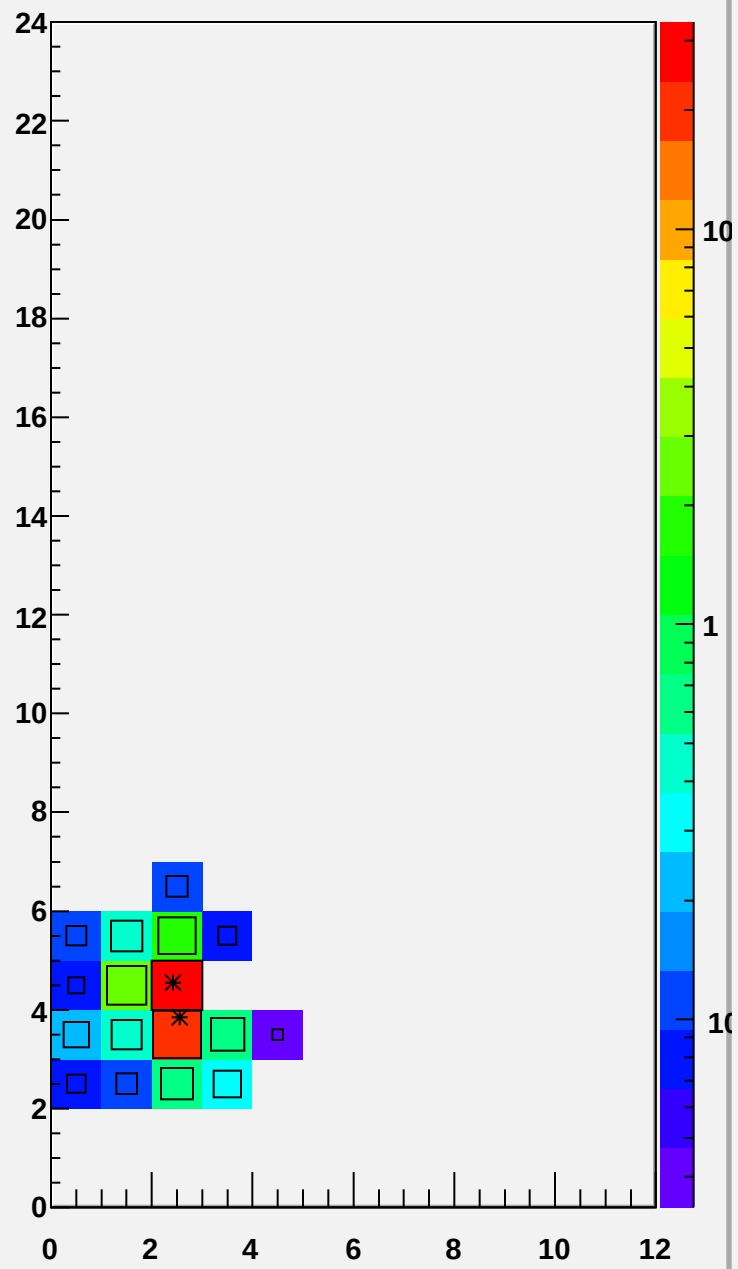
Fitted Energies



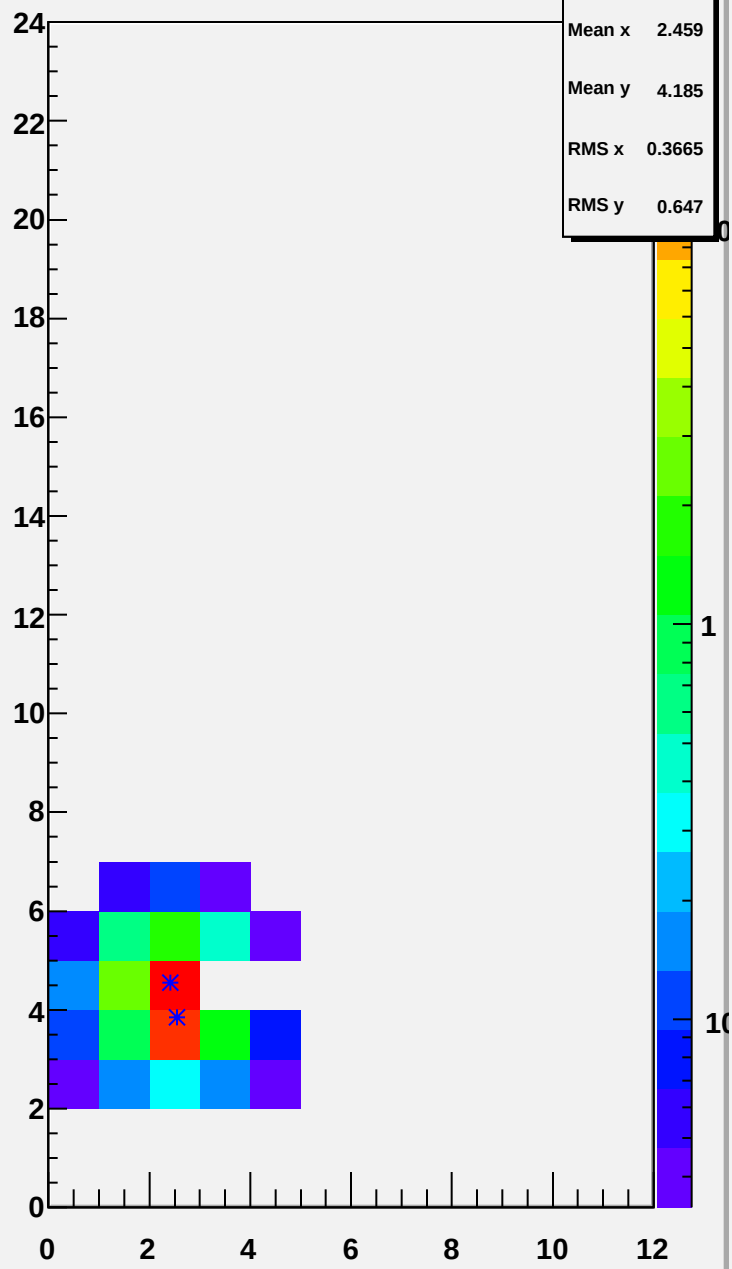
Efit

Entries	288
Mean x	1.308
Mean y	4.252
RMS x	0.9268
RMS y	0.7995

NSTB3_r4_c3_En=59.6_m0=0.117 m1=0.117 index=1814



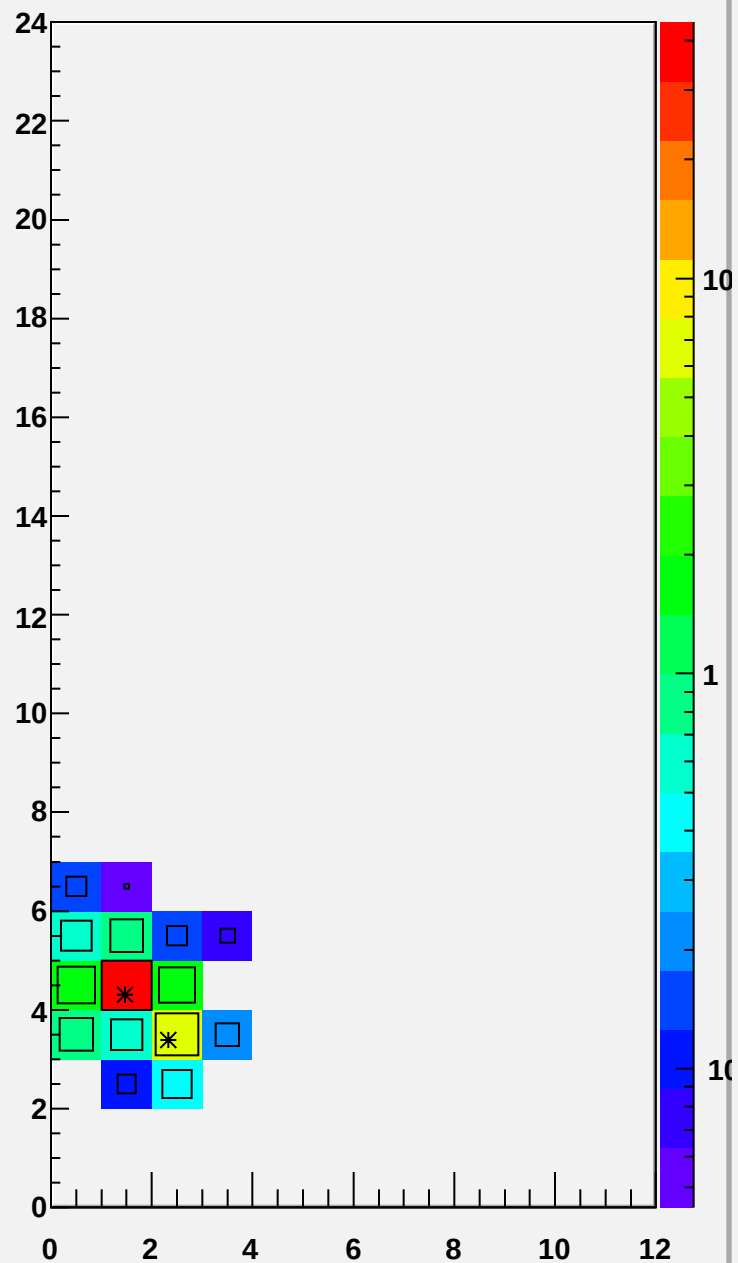
Fitted Energies



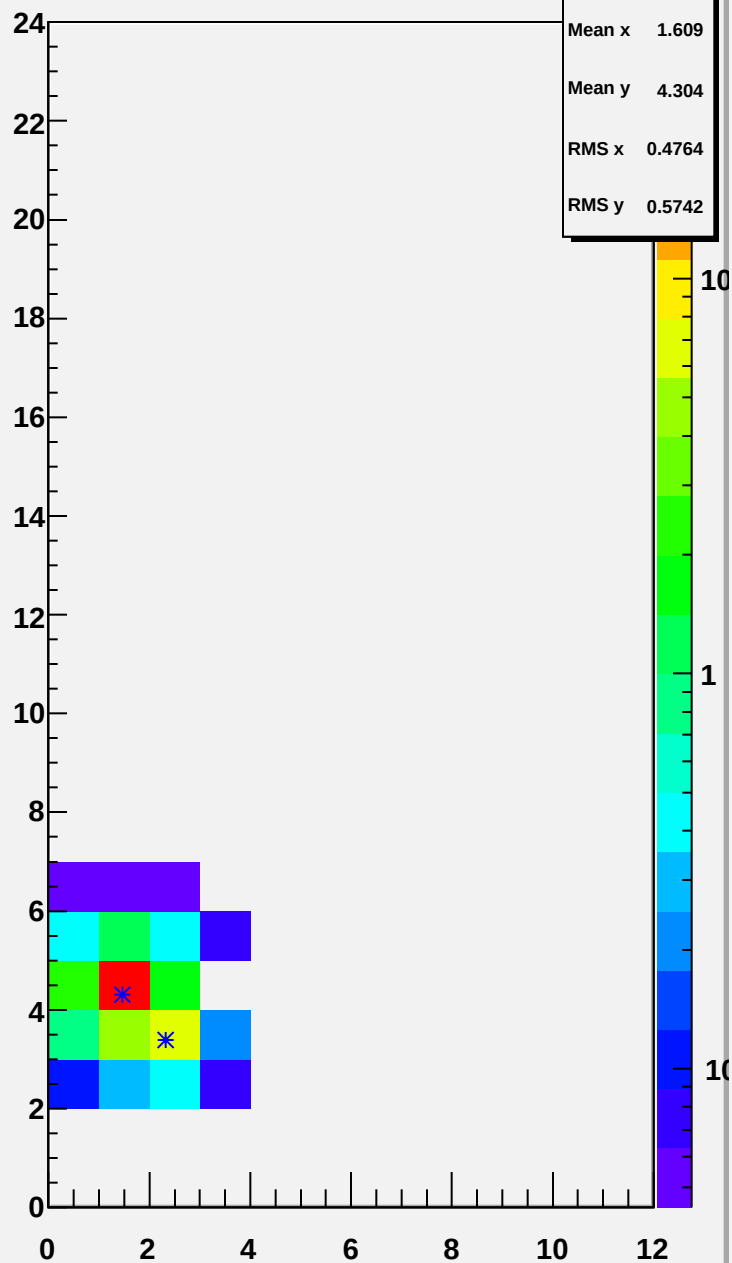
Efit

Entries	288
Mean x	2.459
Mean y	4.185
RMS x	0.3665
RMS y	0.647

NSTB3_r4_c3_En=58.4_m0=0.146 m1=0.145 index=1815



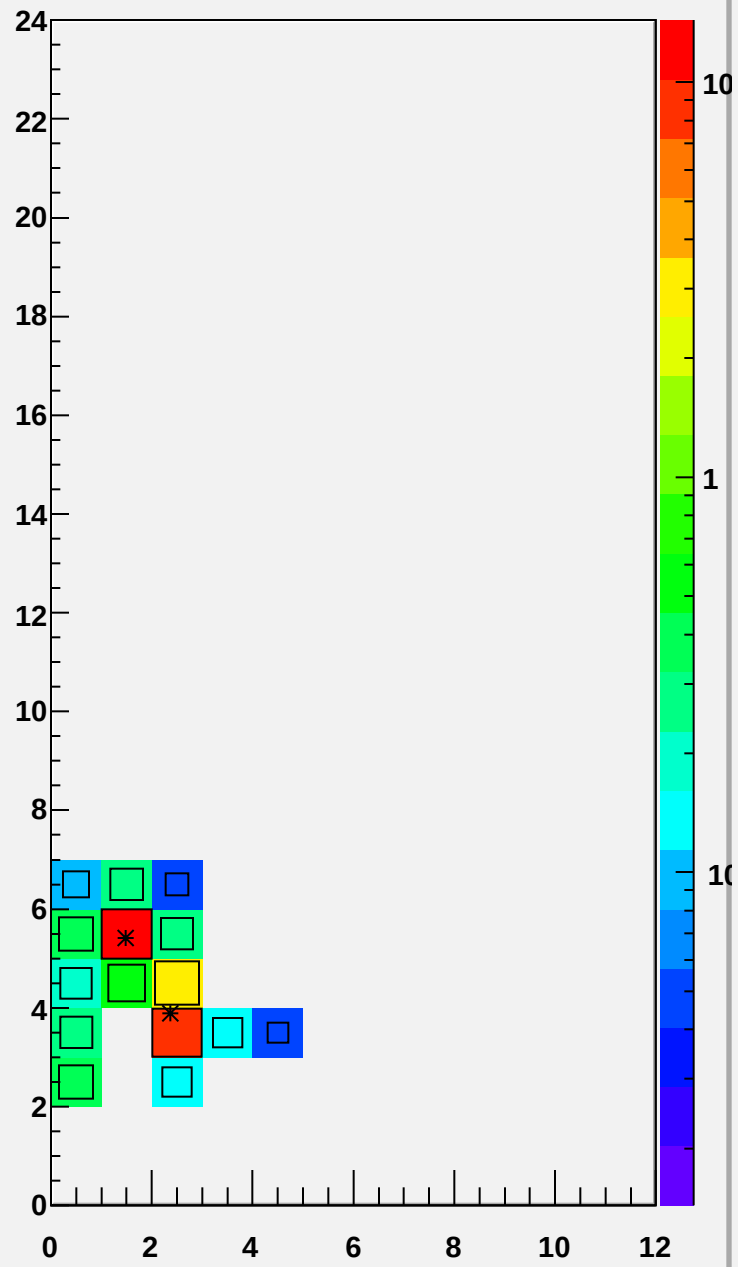
Fitted Energies



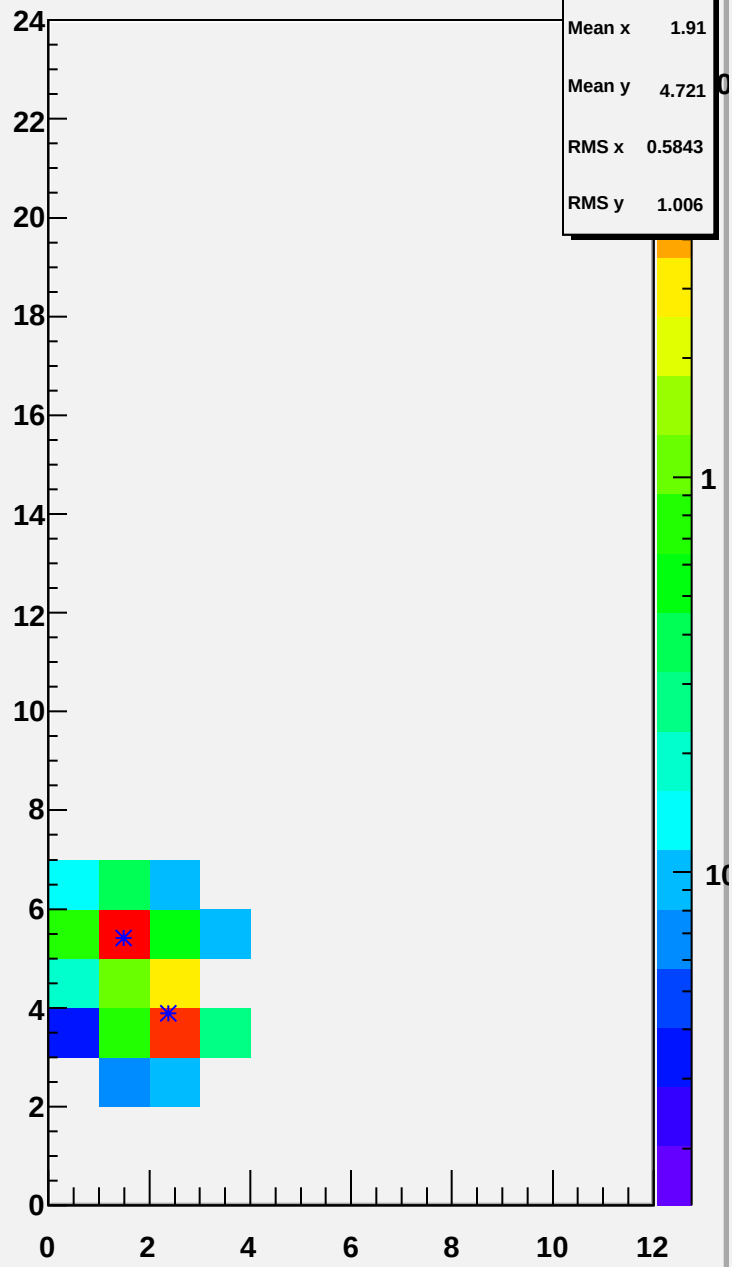
Efit

Entries	288
Mean x	1.609
Mean y	4.304
RMS x	0.4764
RMS y	0.5742

NSTB3_r4_c3_En=29.4_m0=0.152 m1=0.152 index=1816



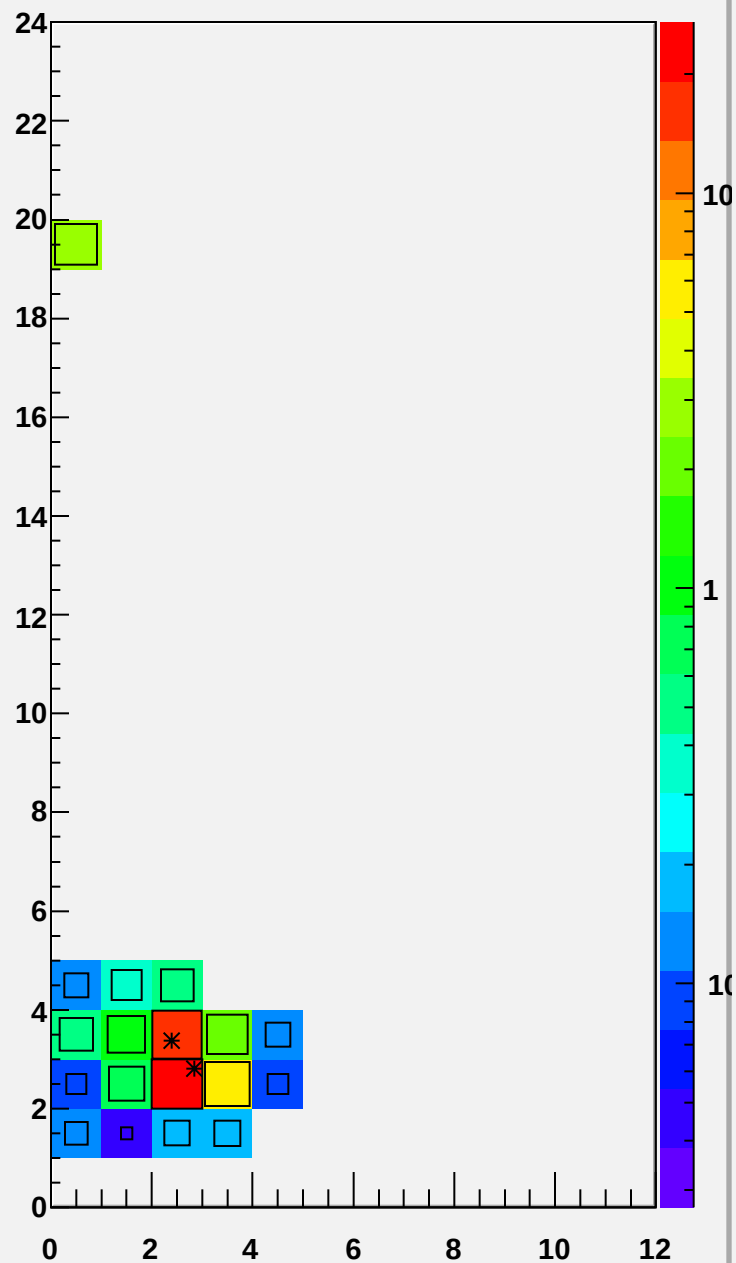
Fitted Energies



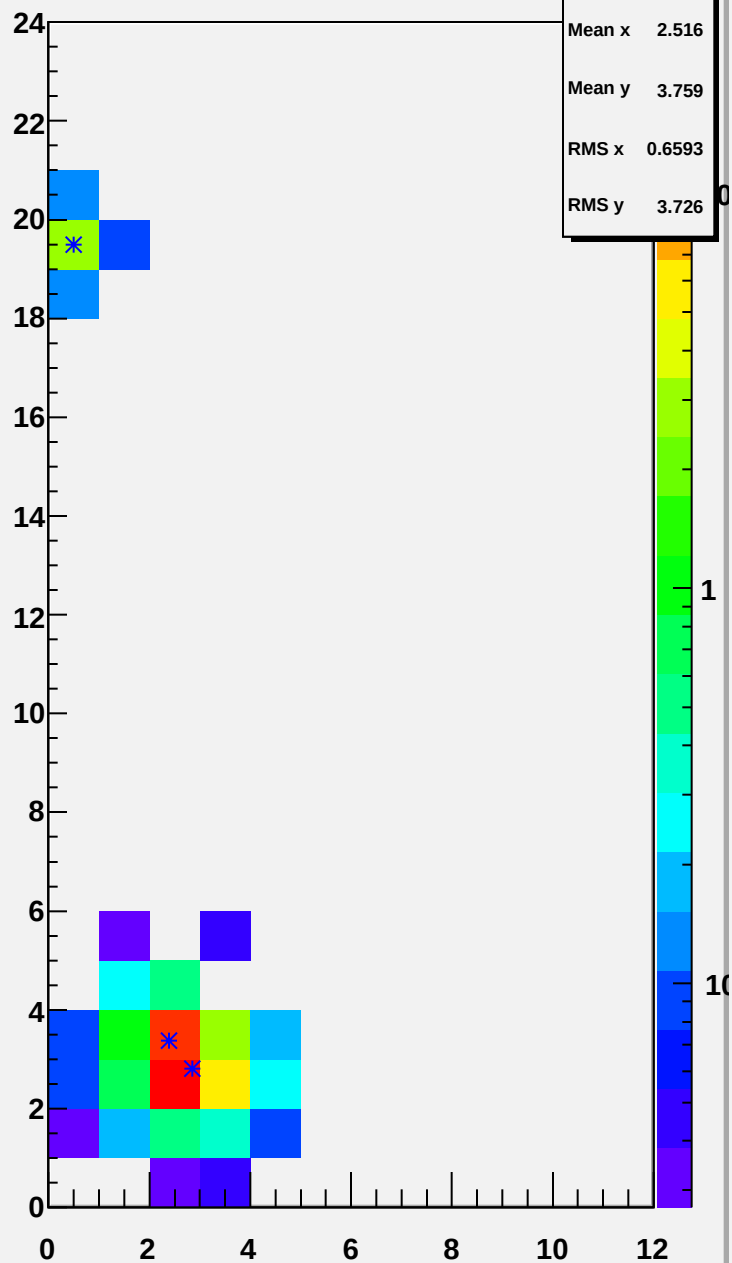
Efit

Entries	288
Mean x	1.91
Mean y	4.721
RMS x	0.5843
RMS y	1.006

NSTB3_r4_c3_En=61.9_m0=0.107 m1=0.107 index=1817



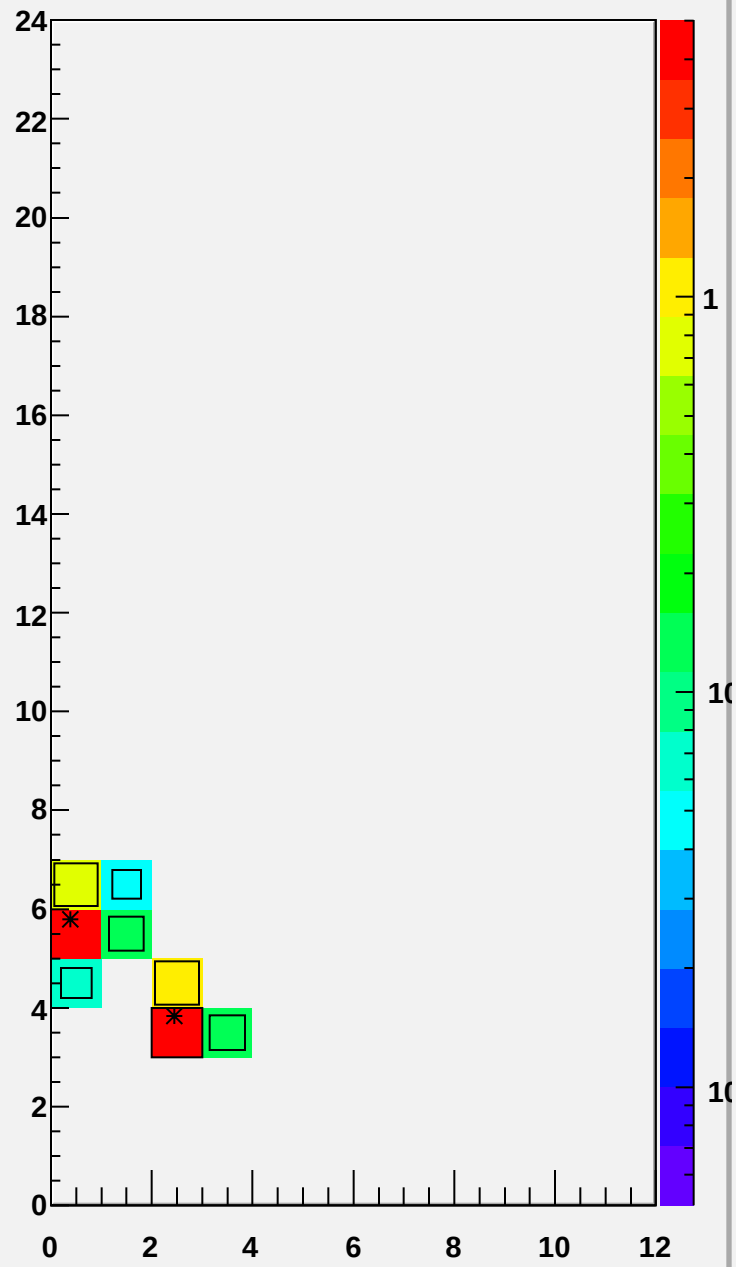
Fitted Energies



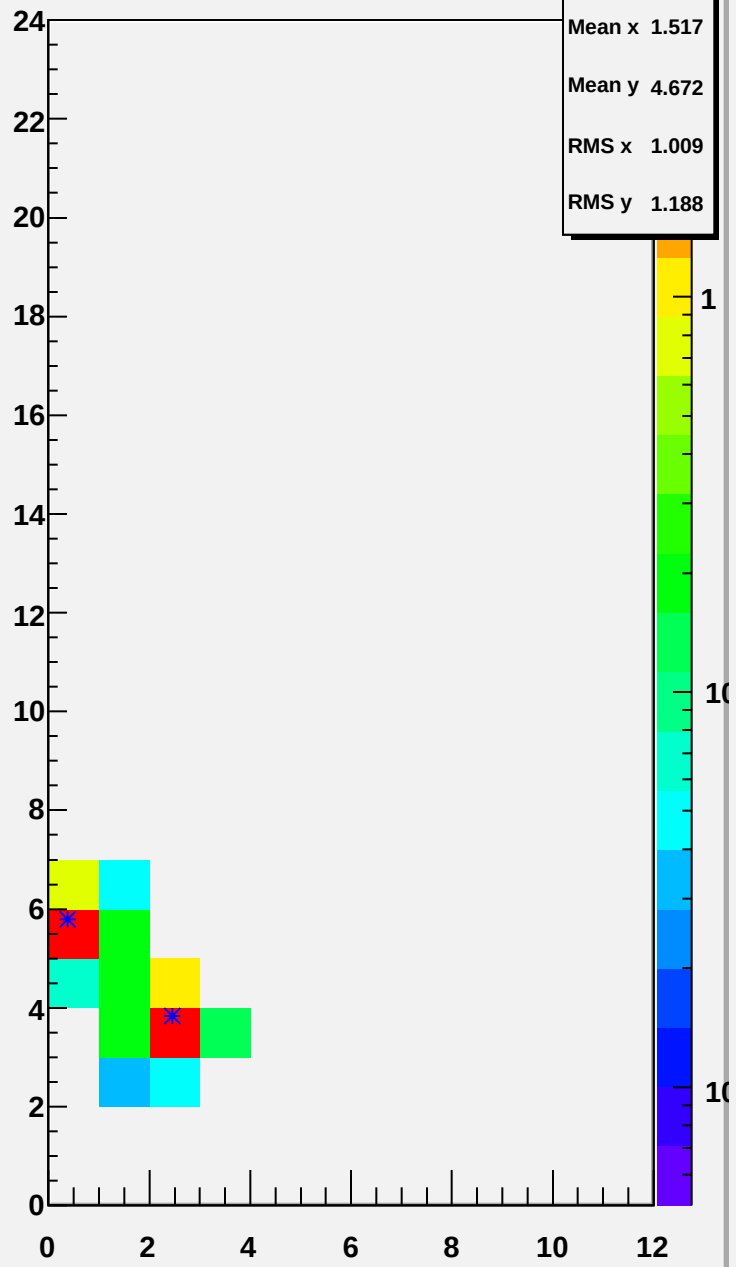
Efit

Entries	288
Mean x	2.516
Mean y	3.759
RMS x	0.6593
RMS y	3.726

NSTB3_r4_c3_En=12.0_m0=0.104 m1=0.104 index=1818



Fitted Energies



Efit

Entries 288

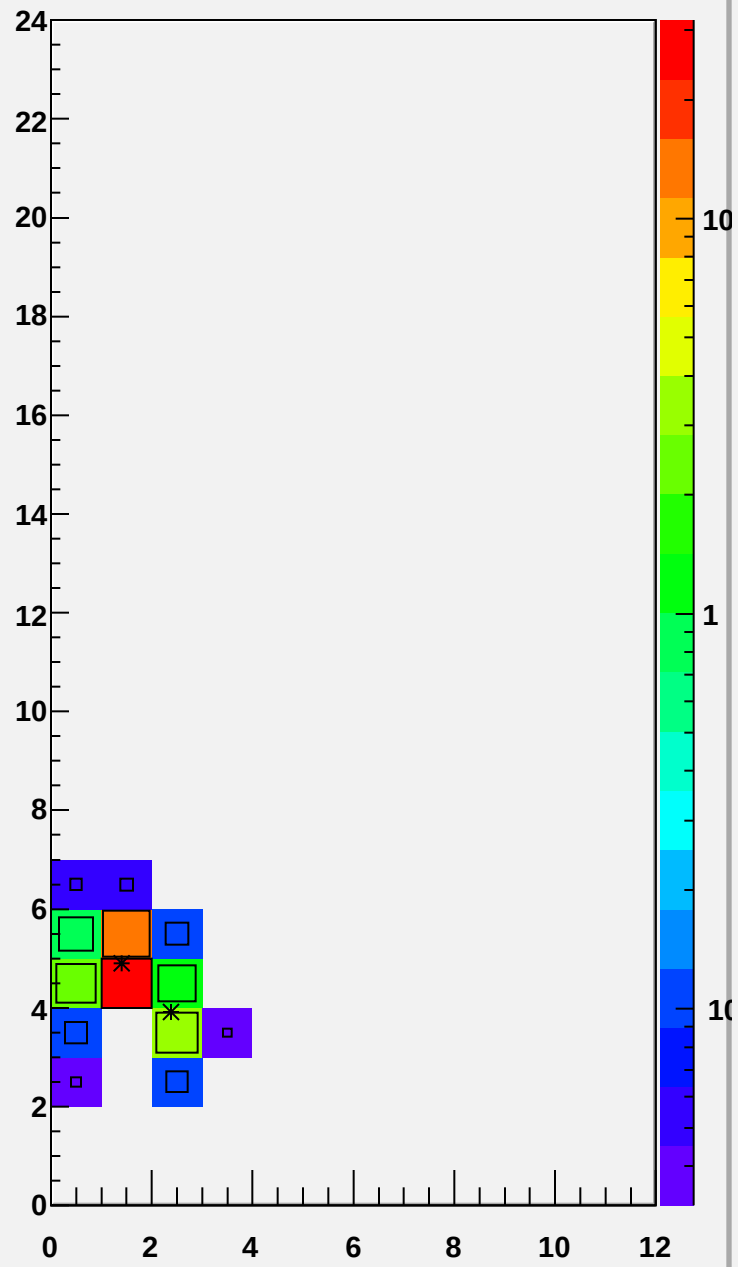
Mean x 1.517

Mean y 4.672

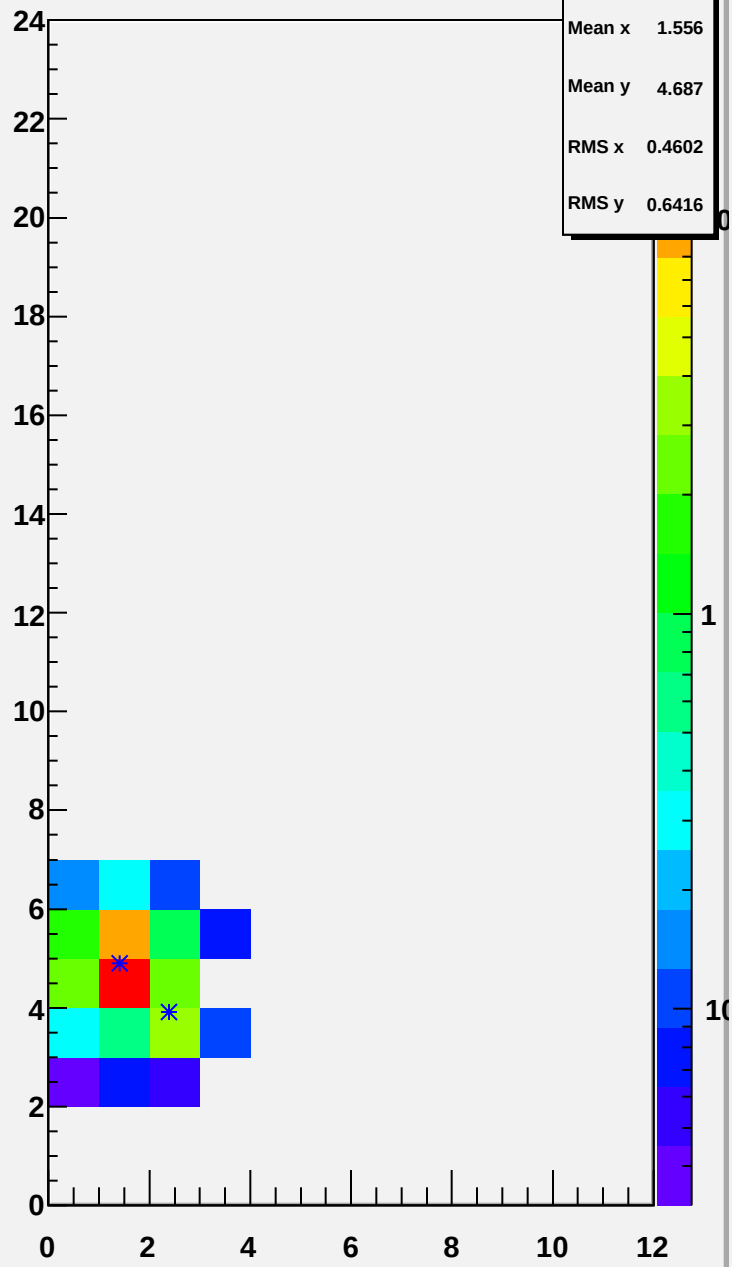
RMS x 1.009

RMS y 1.188

NSTB3_r4_c3_En=51.6_m0=0.121 m1=0.120 index=1819



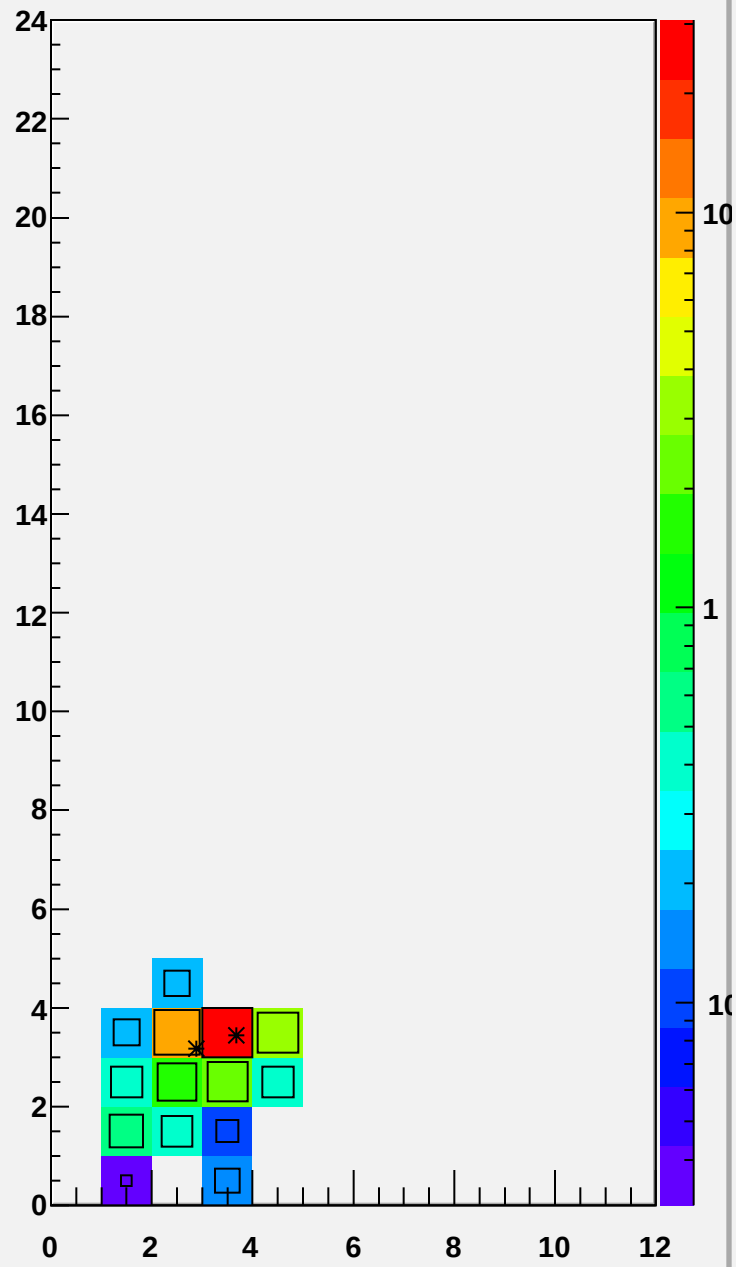
Fitted Energies



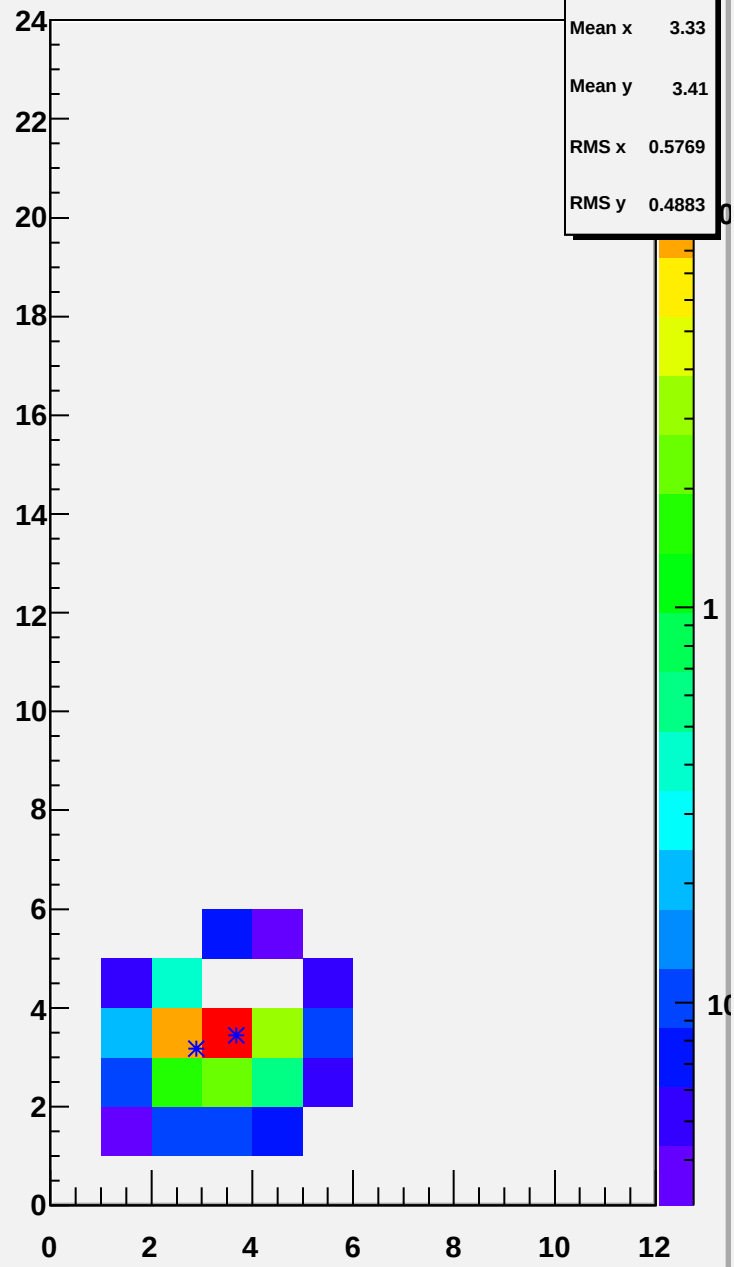
Efit

Entries	288
Mean x	1.556
Mean y	4.687
RMS x	0.4602
RMS y	0.6416

NSTB3_r4_c3_En=49.4_m0=0.102 m1=0.102 index=1821



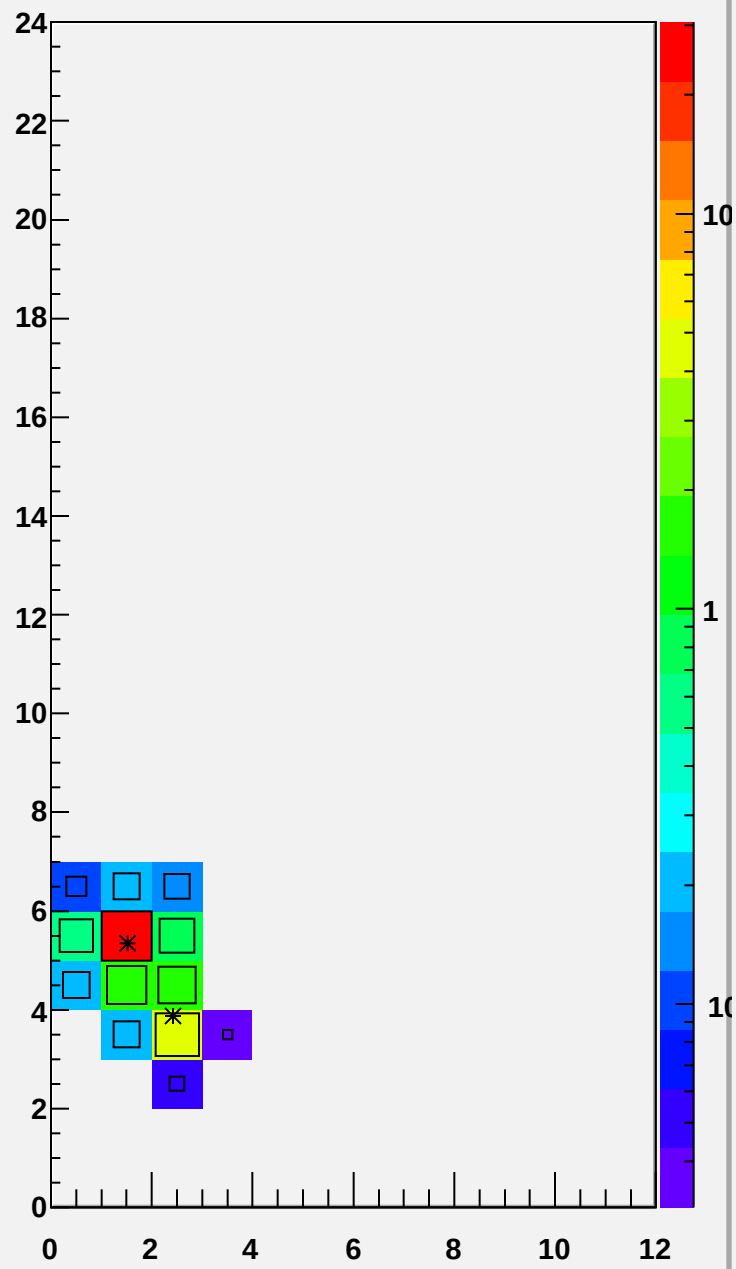
Fitted Energies



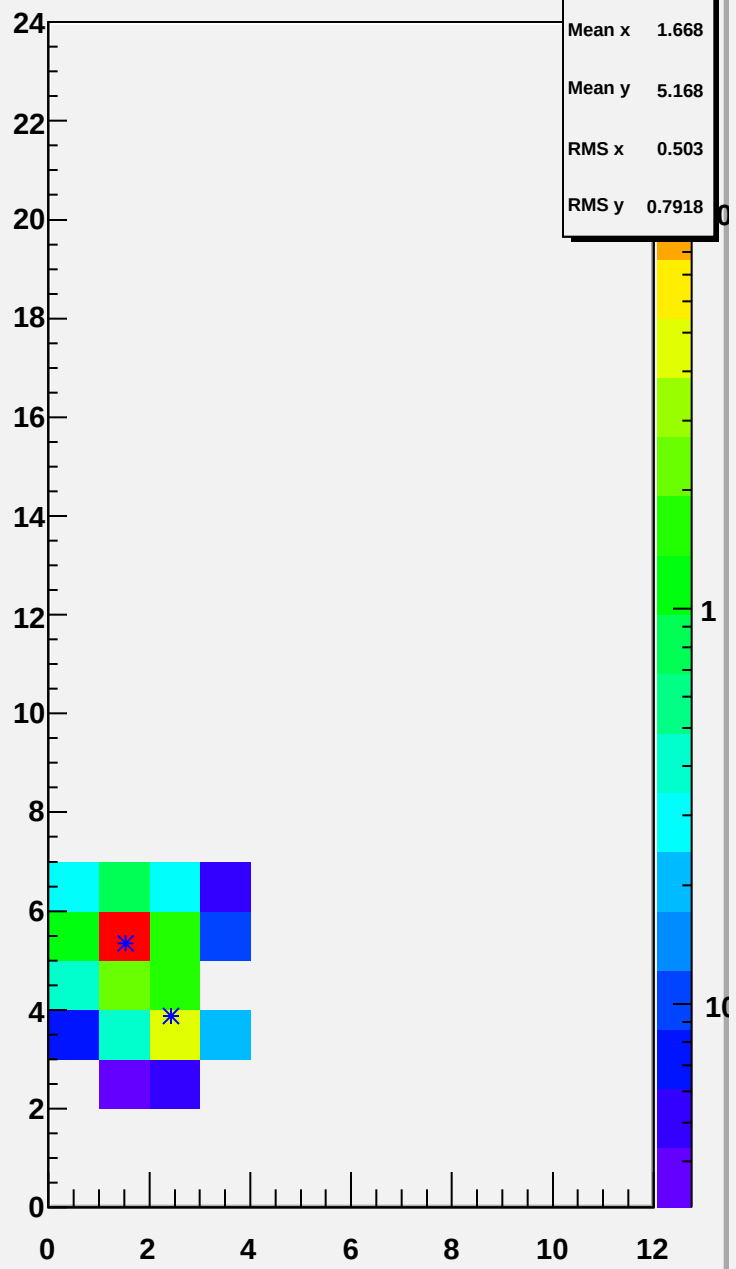
Efit

Entries	288
Mean x	3.33
Mean y	3.41
RMS x	0.5769
RMS y	0.4883

NSTB3_r4_c3_En=41.3_m0=0.160 m1=0.159 index=1822



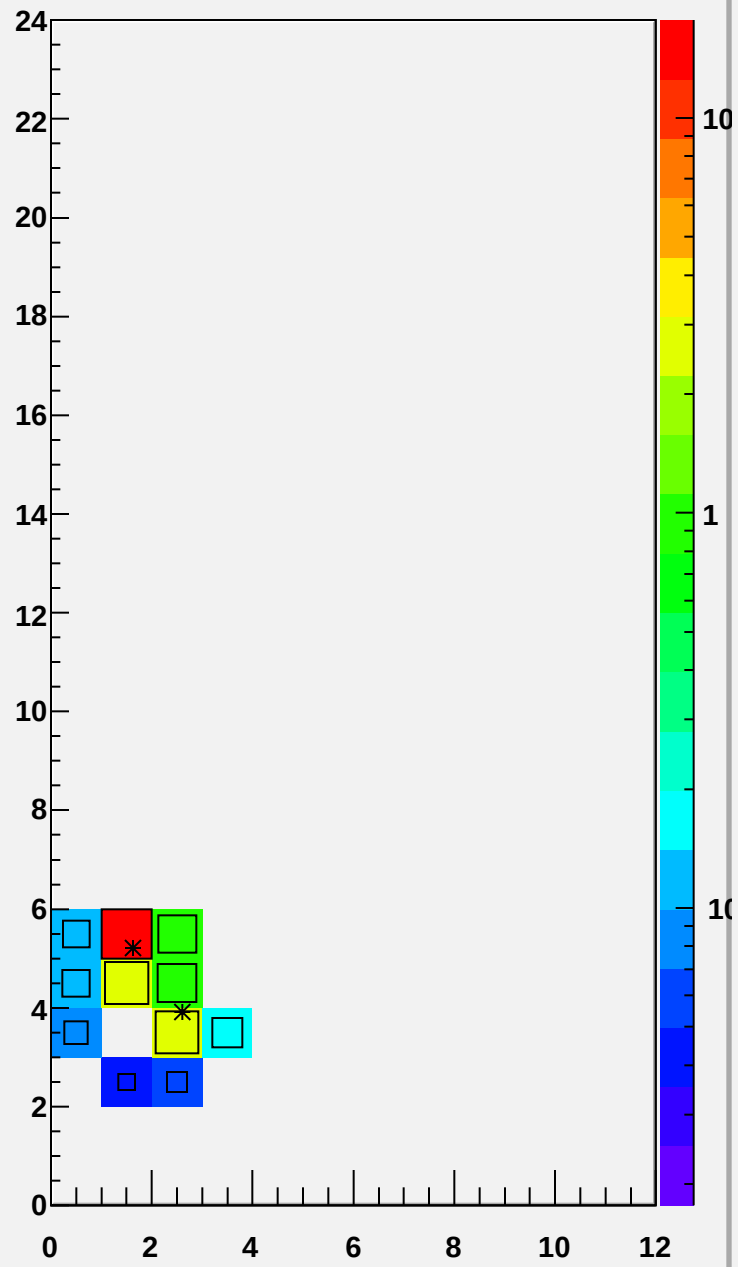
Fitted Energies



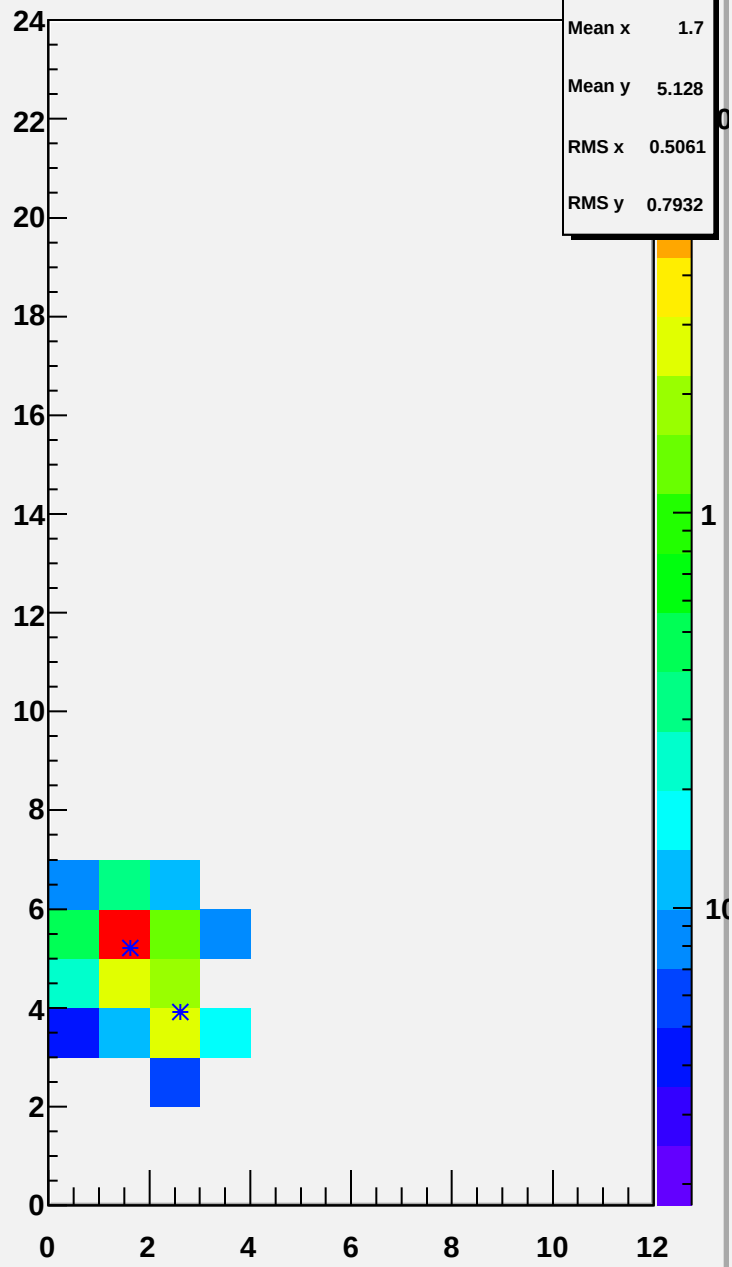
Efit

Entries	288
Mean x	1.668
Mean y	5.168
RMS x	0.503
RMS y	0.7918

NSTB3_r4_c3_En=25.9_m0=0.093 m1=0.092 index=1823



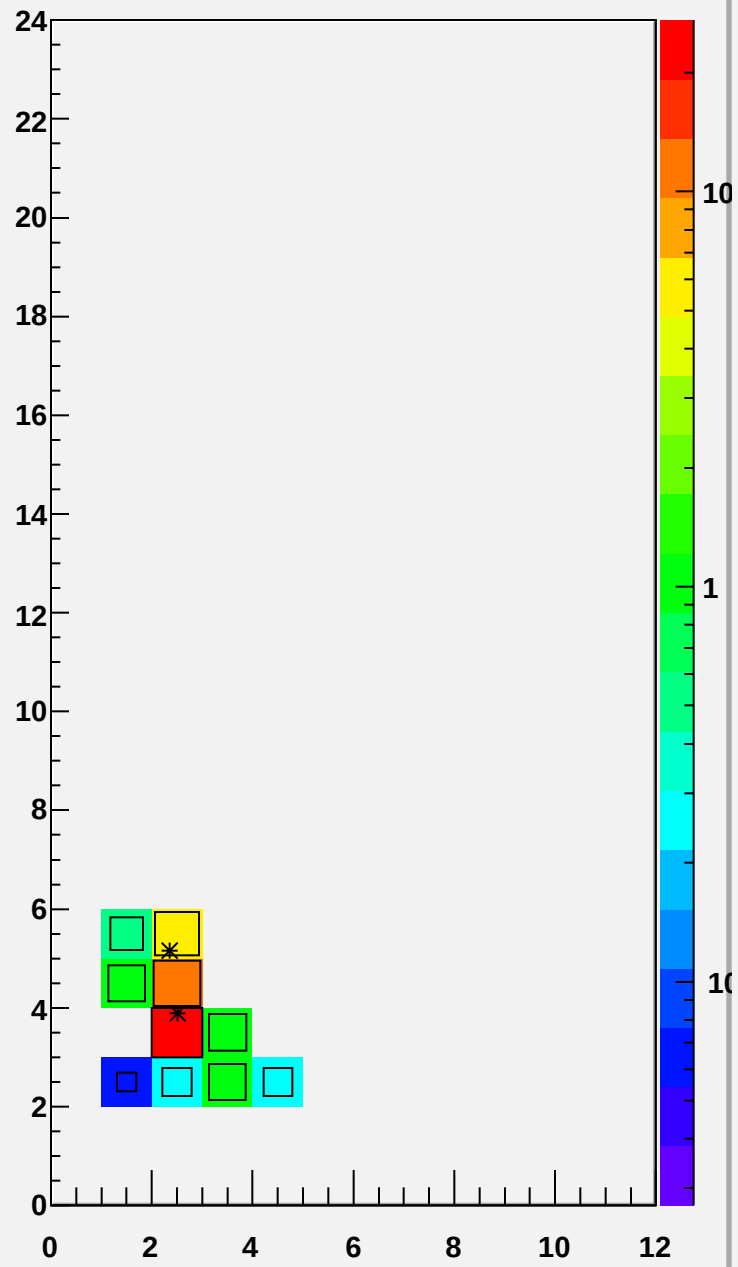
Fitted Energies



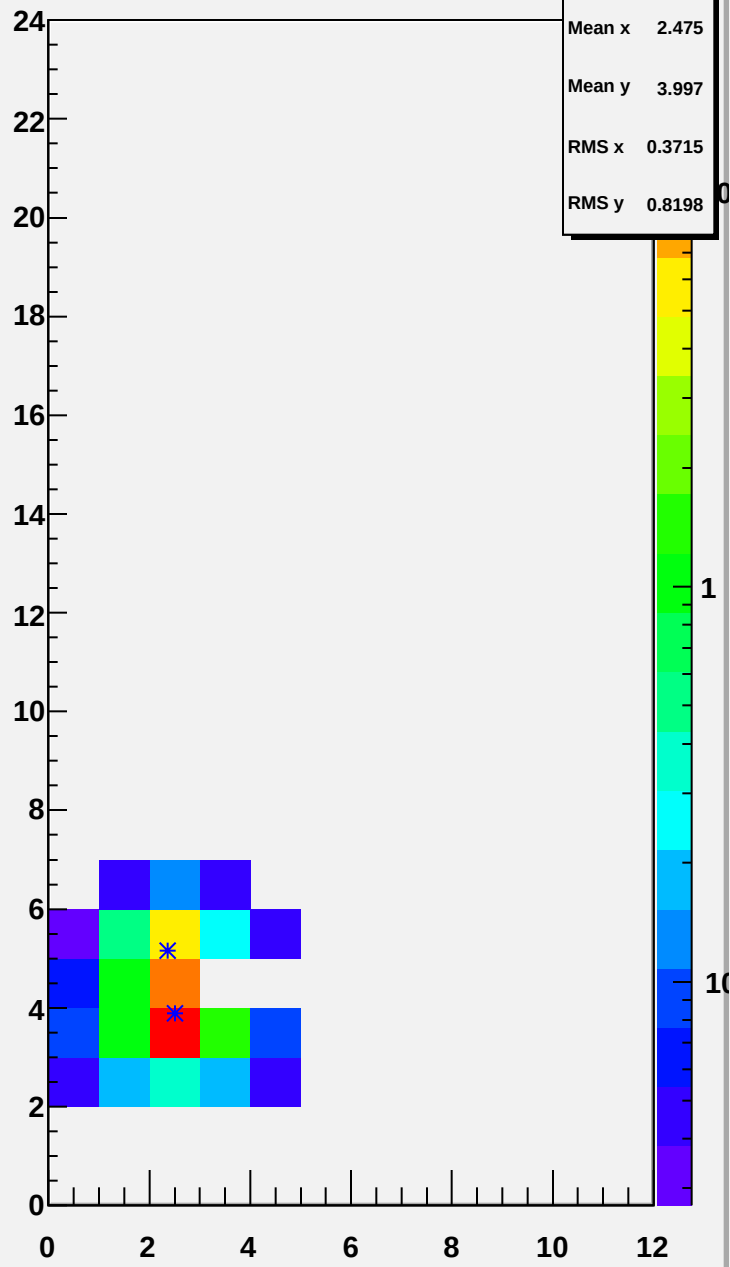
Efit

Entries	288
Mean x	1.7
Mean y	5.128
RMS x	0.5061
RMS y	0.7932

NSTB3_r4_c3_En=46.9_m0=0.126 m1=0.126 index=1824



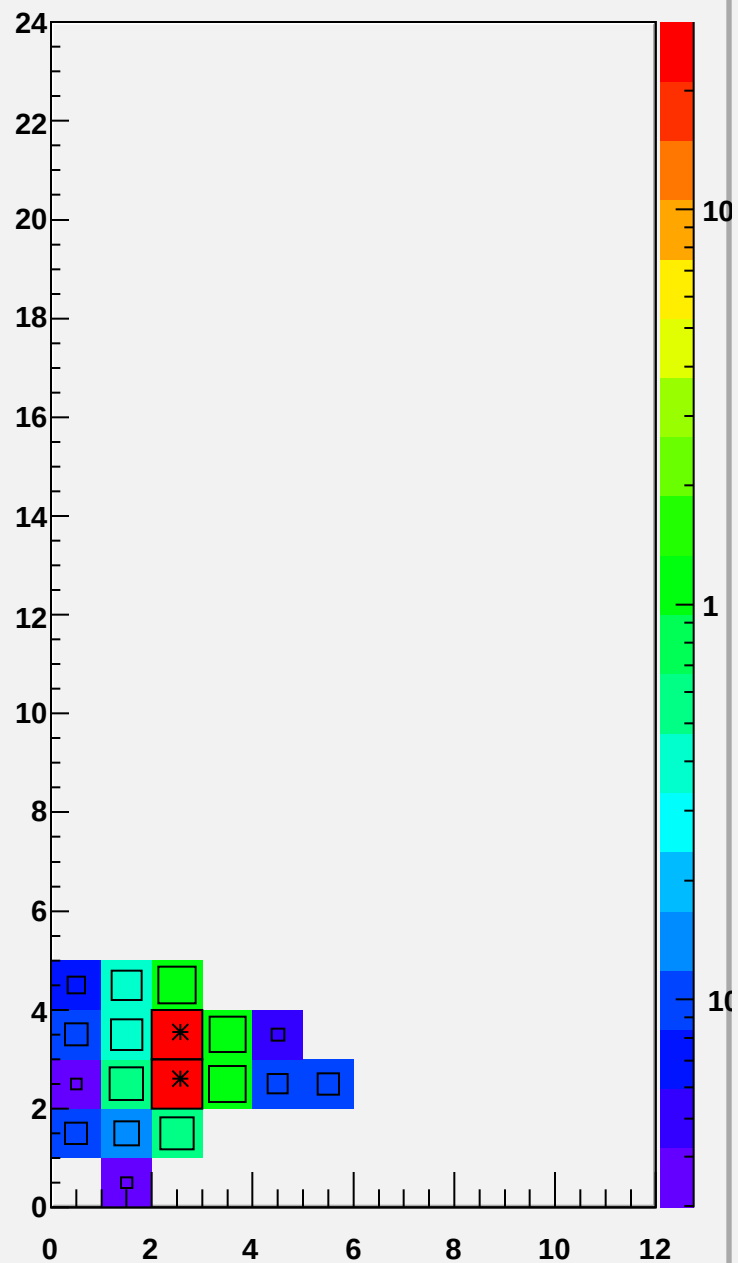
Fitted Energies



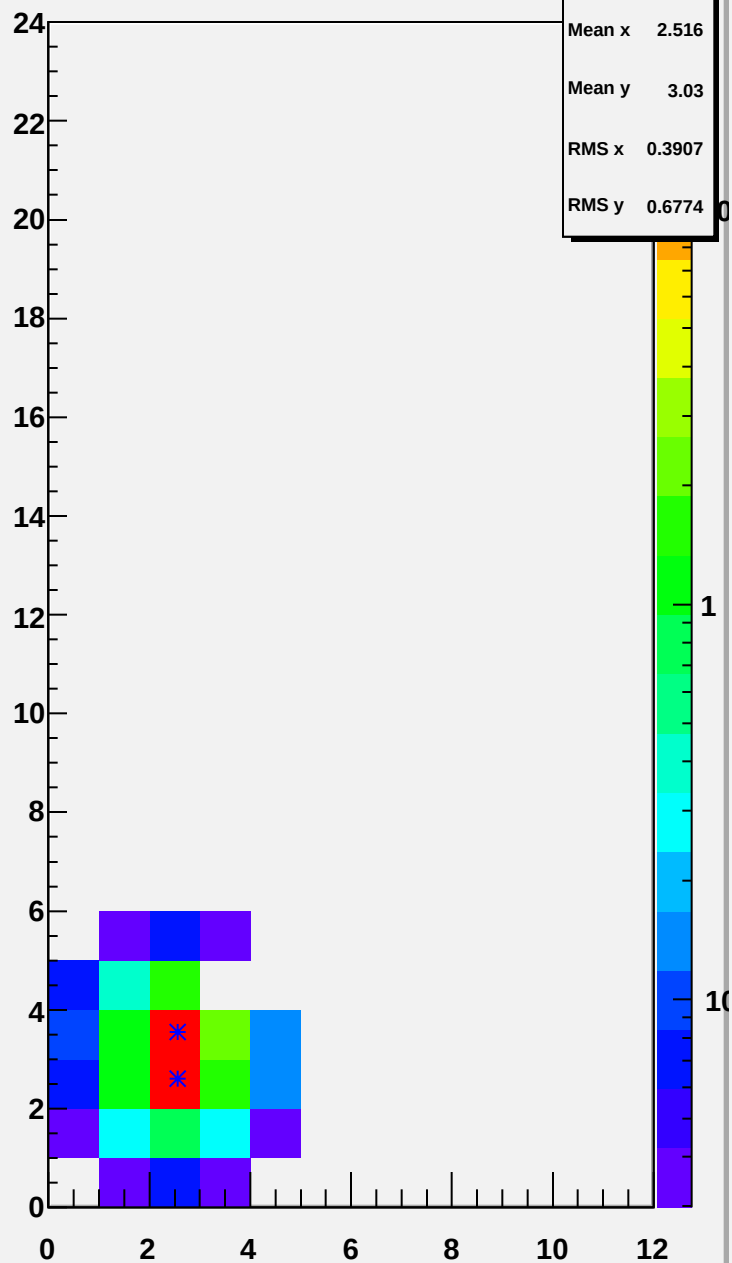
Efit

Entries	288
Mean x	2.475
Mean y	3.997
RMS x	0.3715
RMS y	0.8198

NSTB3_r4_c3_En=63.7_m0=0.167 m1=0.167 index=1825



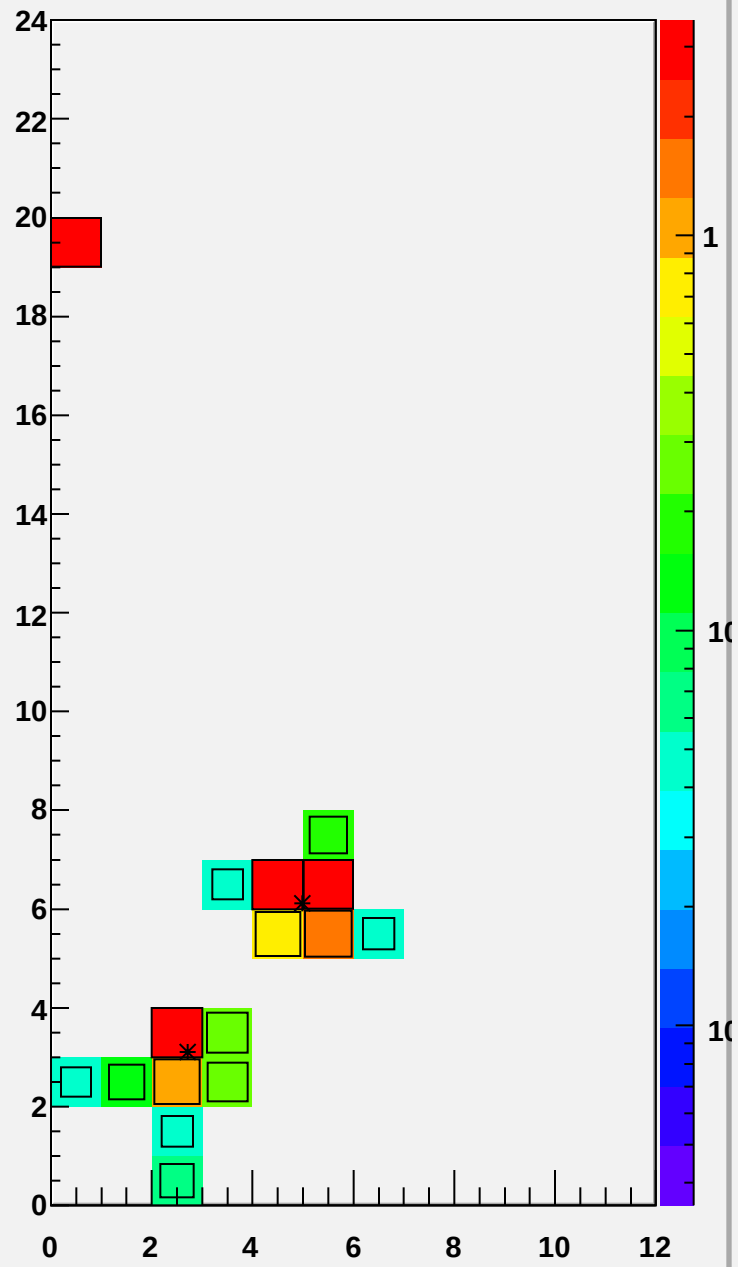
Fitted Energies



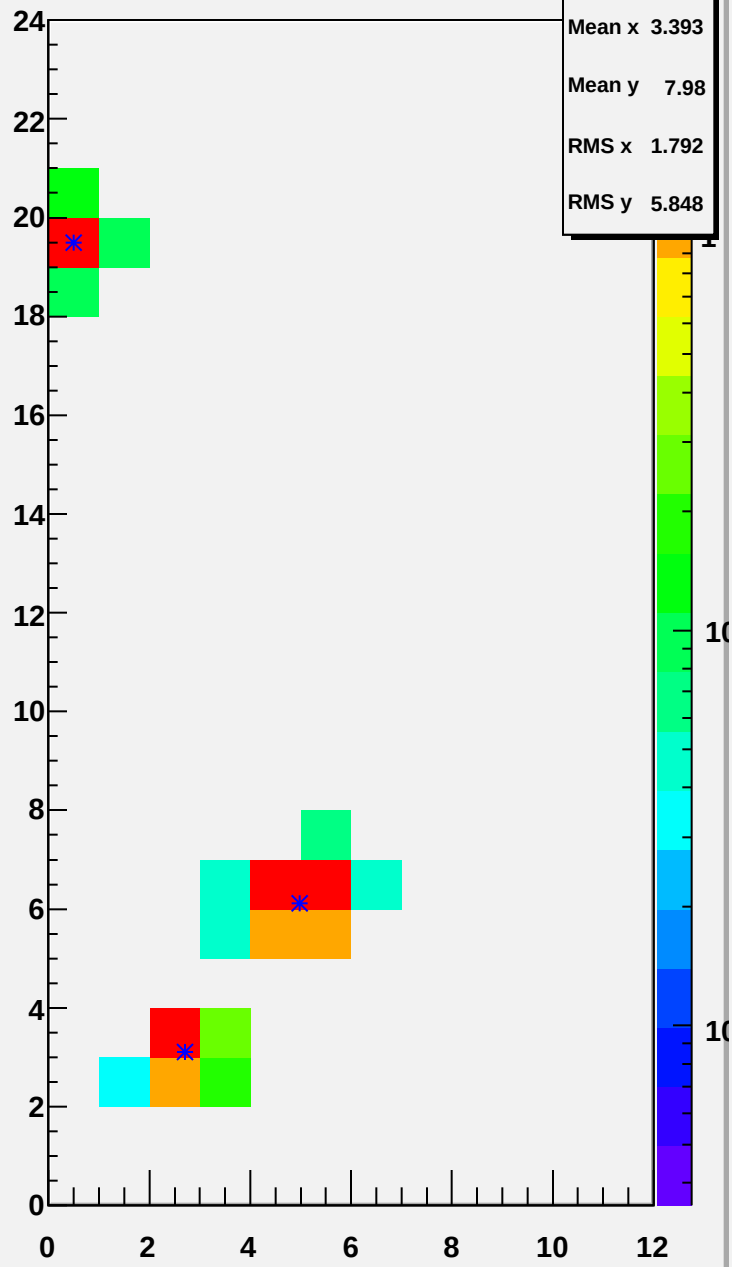
Efit

Entries	288
Mean x	2.516
Mean y	3.03
RMS x	0.3907
RMS y	0.6774

NSTB3_r4_c3_En=16.9_m0=0.138 m1=0.138 index=1826



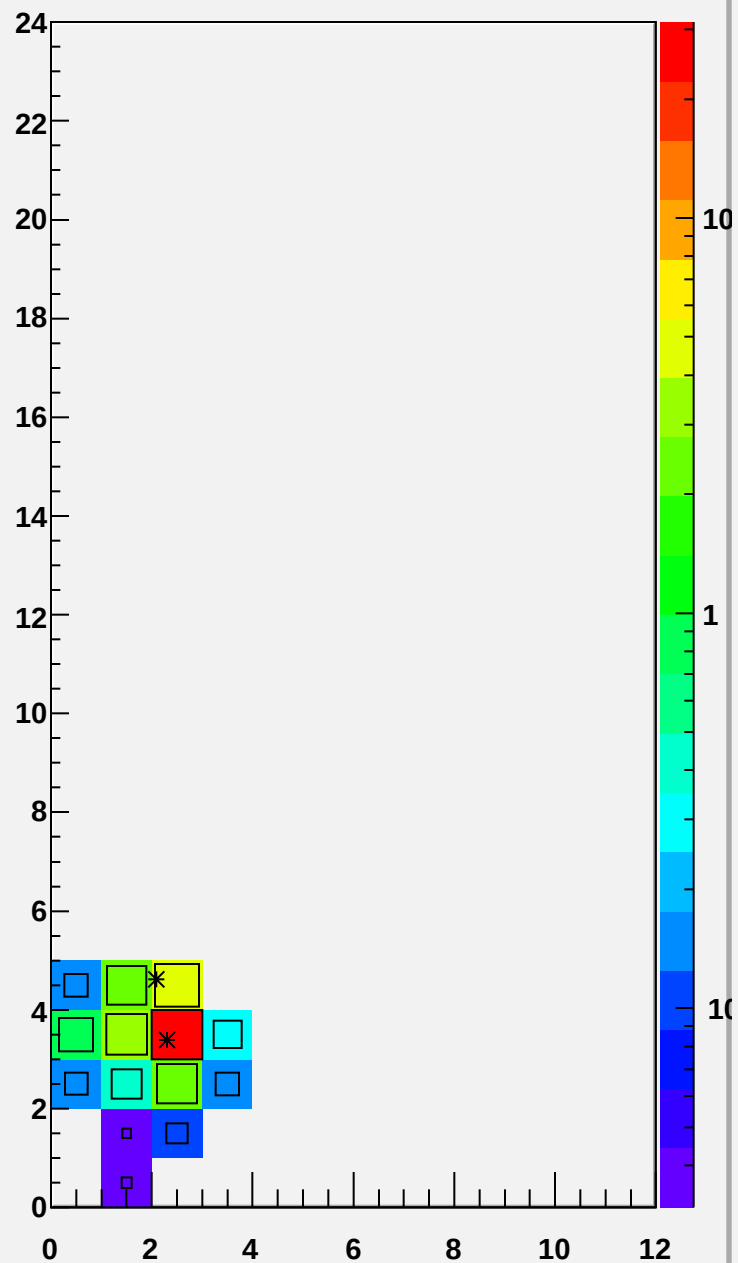
Fitted Energies



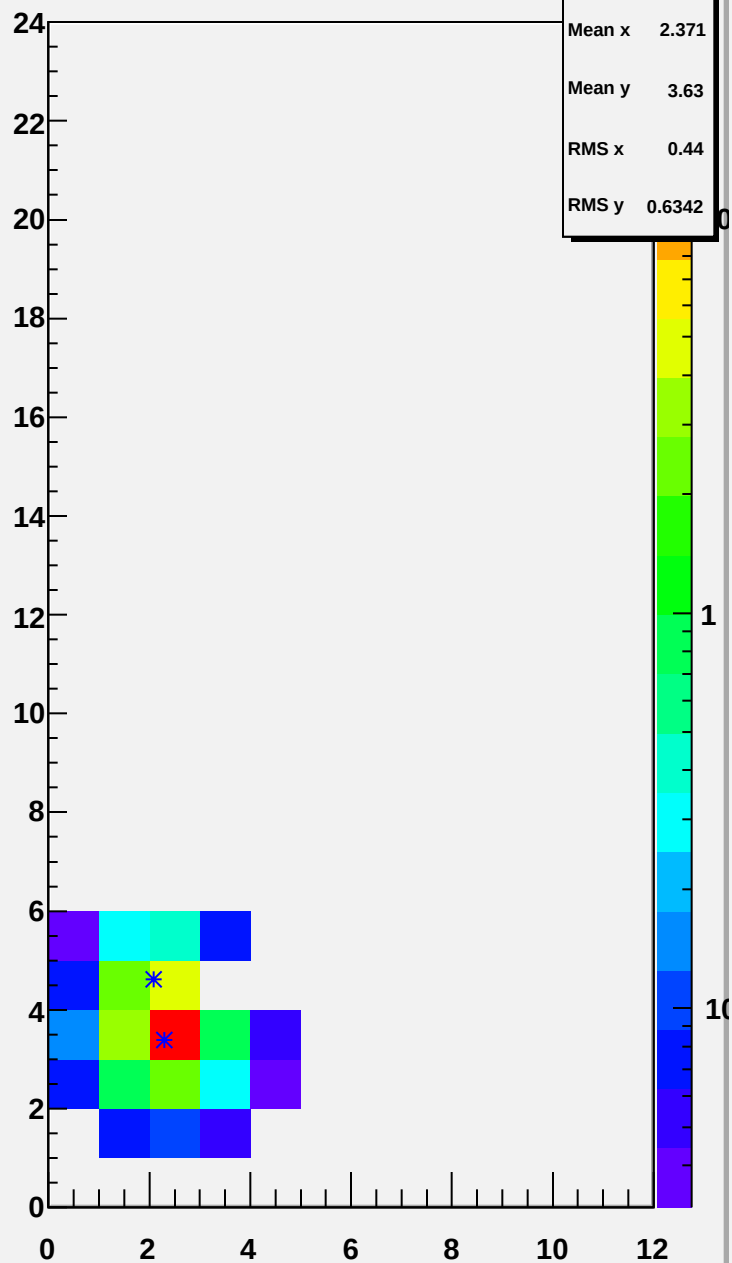
Efit

Entries 288
Mean x 3.393
Mean y 7.98
RMS x 1.792
RMS y 5.848

NSTB3_r4_c3_En=46.7_m0=0.117 m1=0.118 index=1827



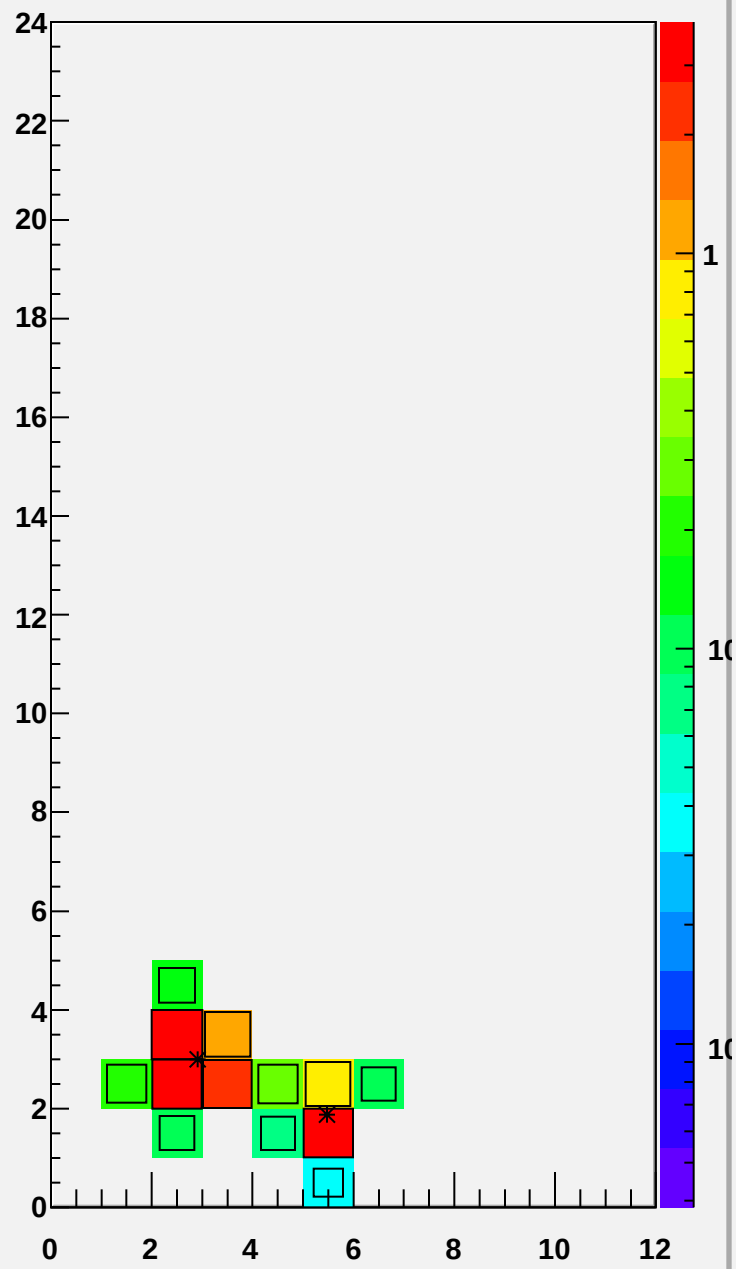
Fitted Energies



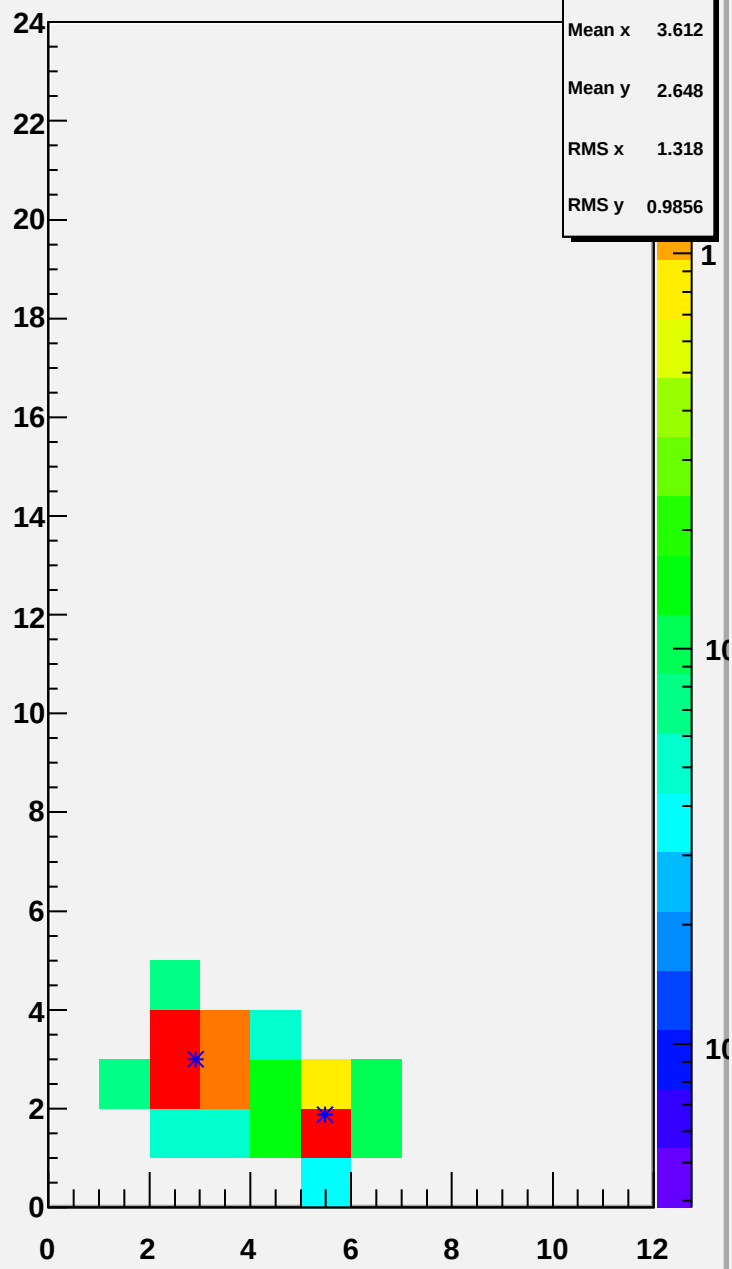
Efit

Entries	288
Mean x	2.371
Mean y	3.63
RMS x	0.44
RMS y	0.6342

NSTB3_r4_c3_En=15.5_m0=0.111 m1=0.111 index=1828



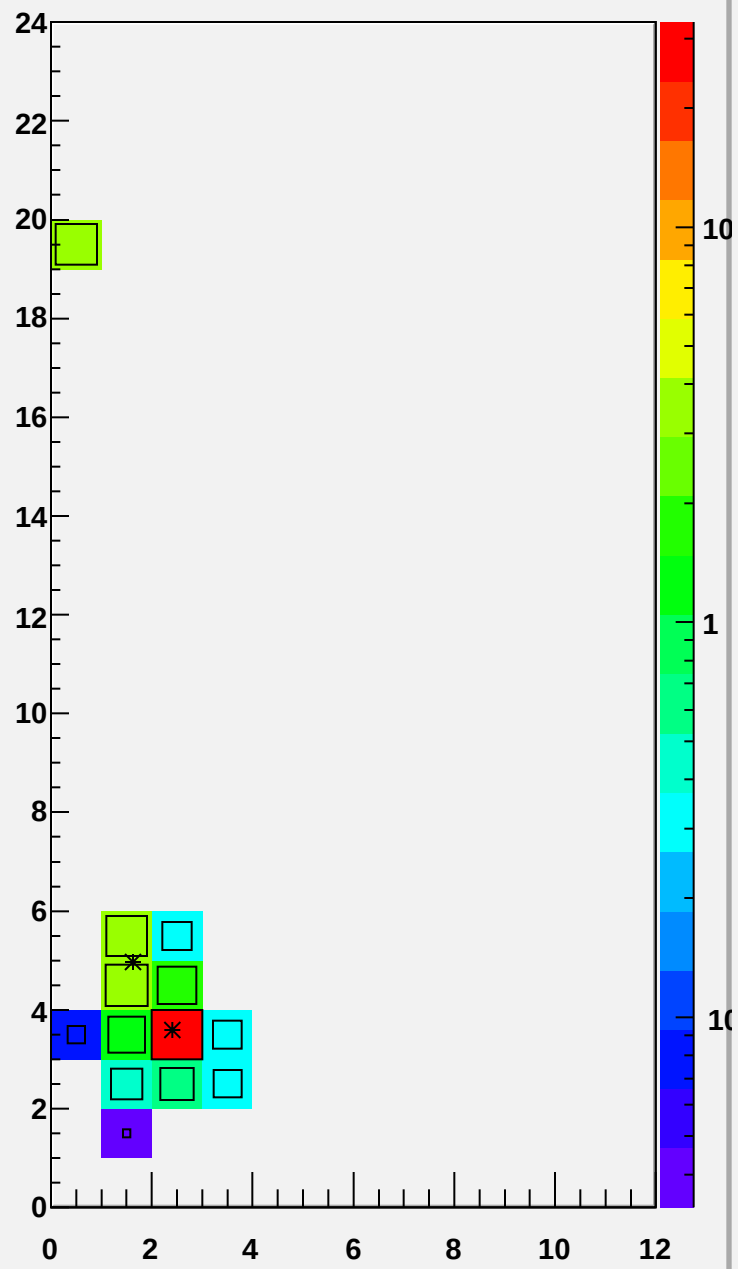
Fitted Energies



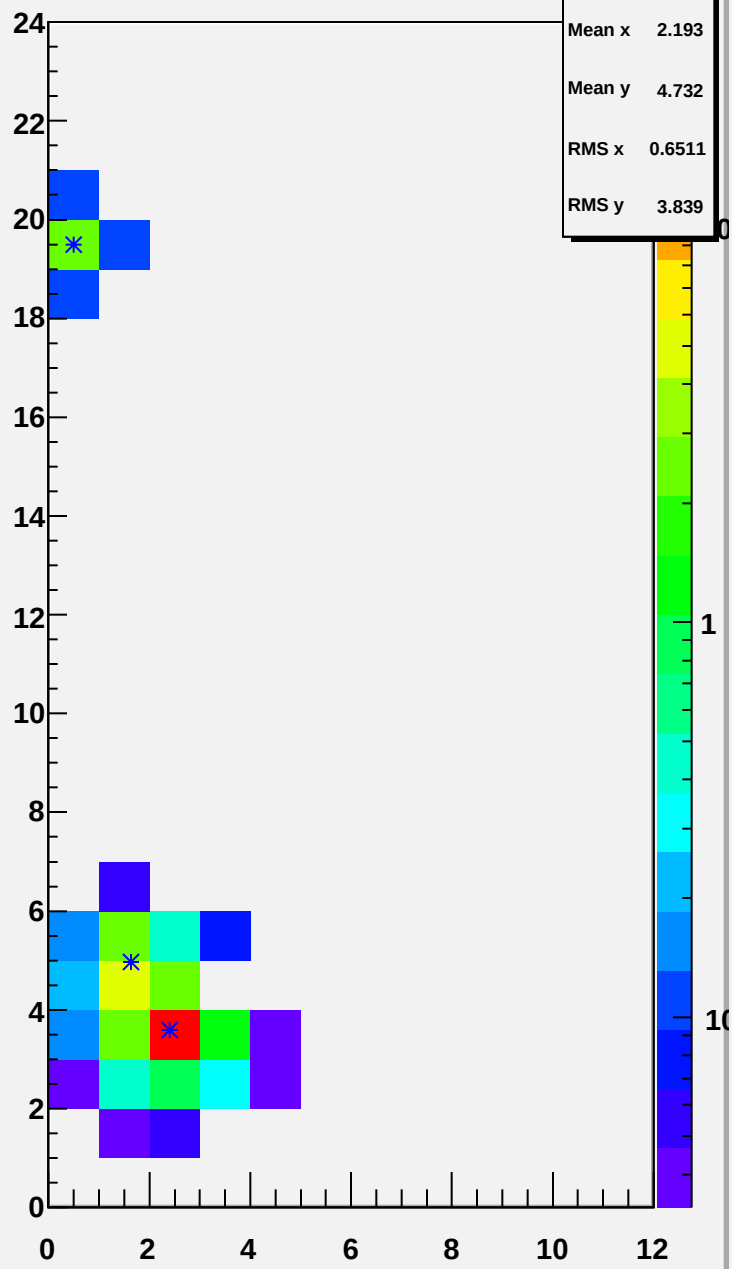
Efit

Entries	288
Mean x	3.612
Mean y	2.648
RMS x	1.318
RMS y	0.9856

NSTB3_r4_c3_En=48.7_m0=0.159 m1=0.159 index=1829



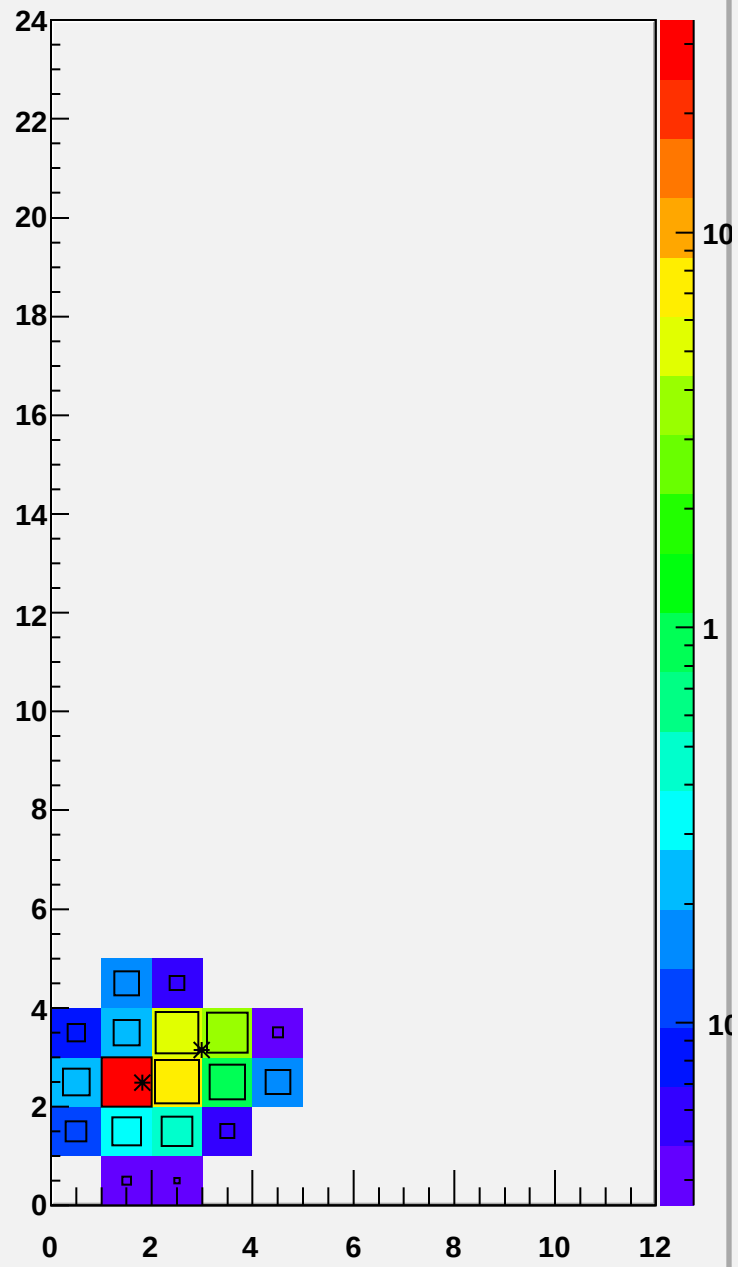
Fitted Energies



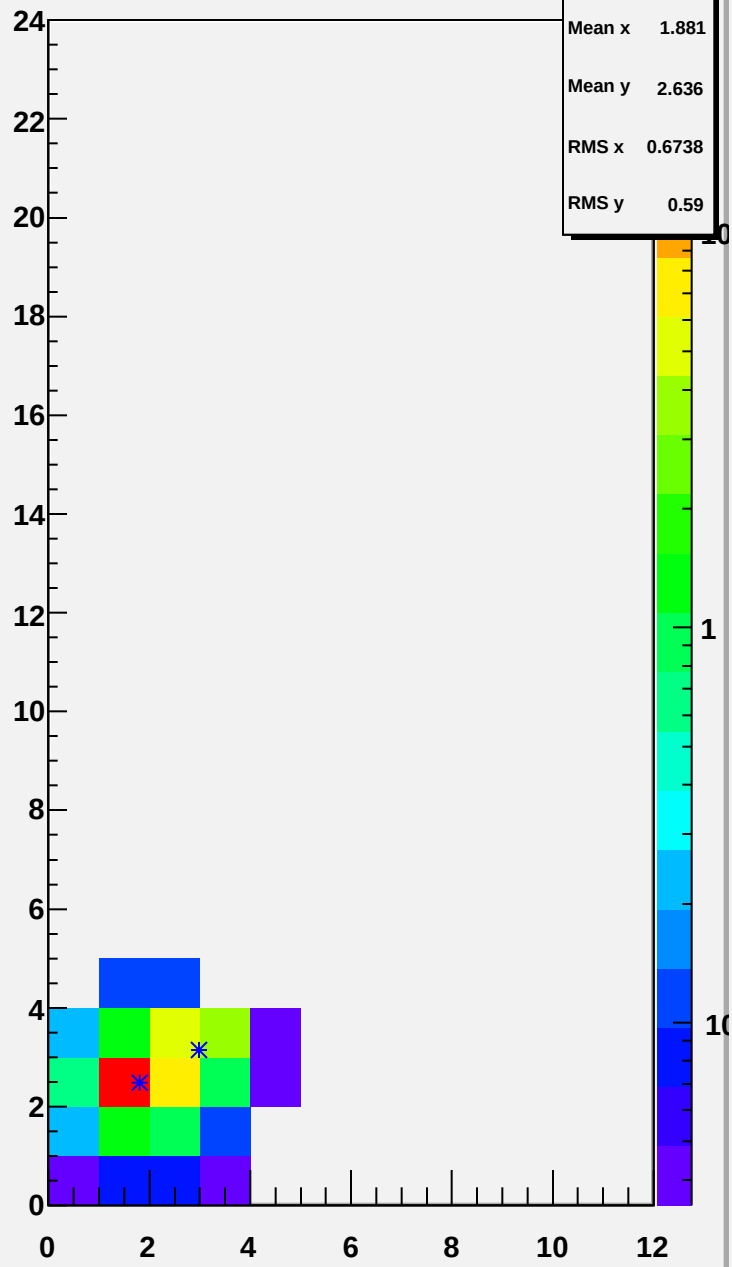
Efit

Entries	288
Mean x	2.193
Mean y	4.732
RMS x	0.6511
RMS y	3.839

NSTB3_r4_c3_En=52.4_m0=0.145 m1=0.146 index=1830



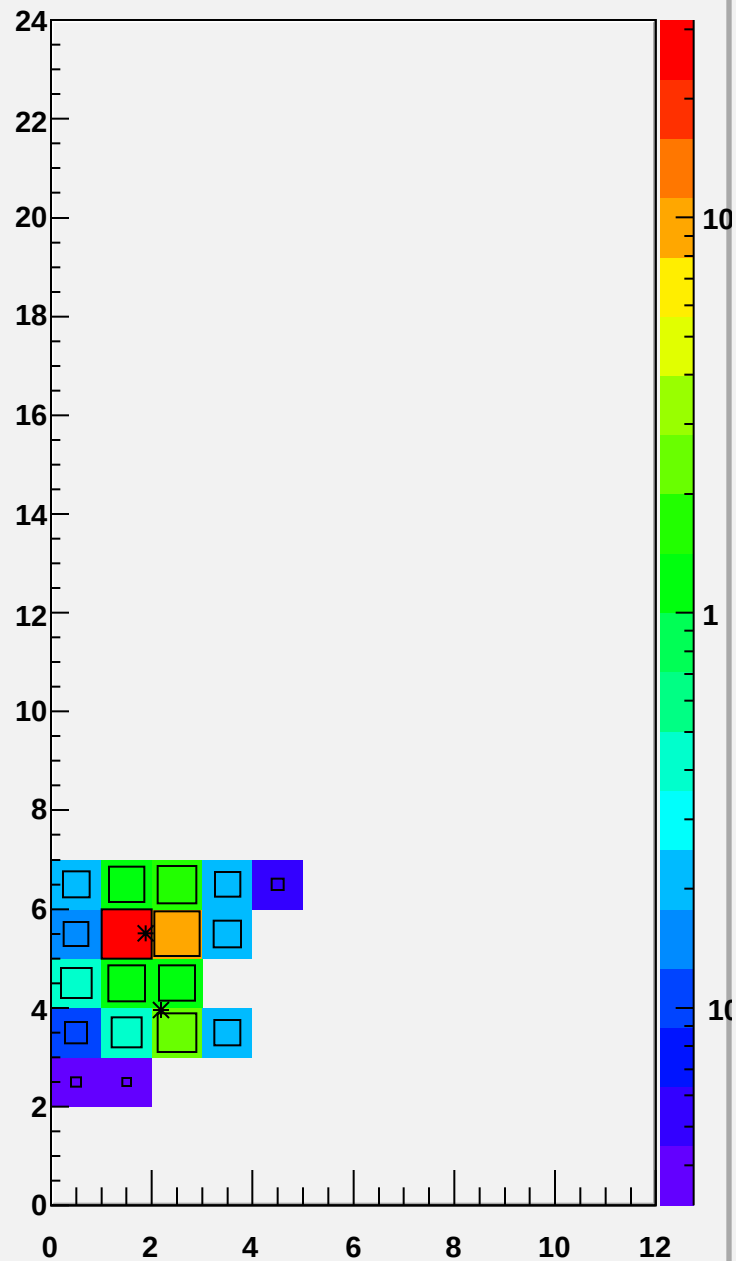
Fitted Energies



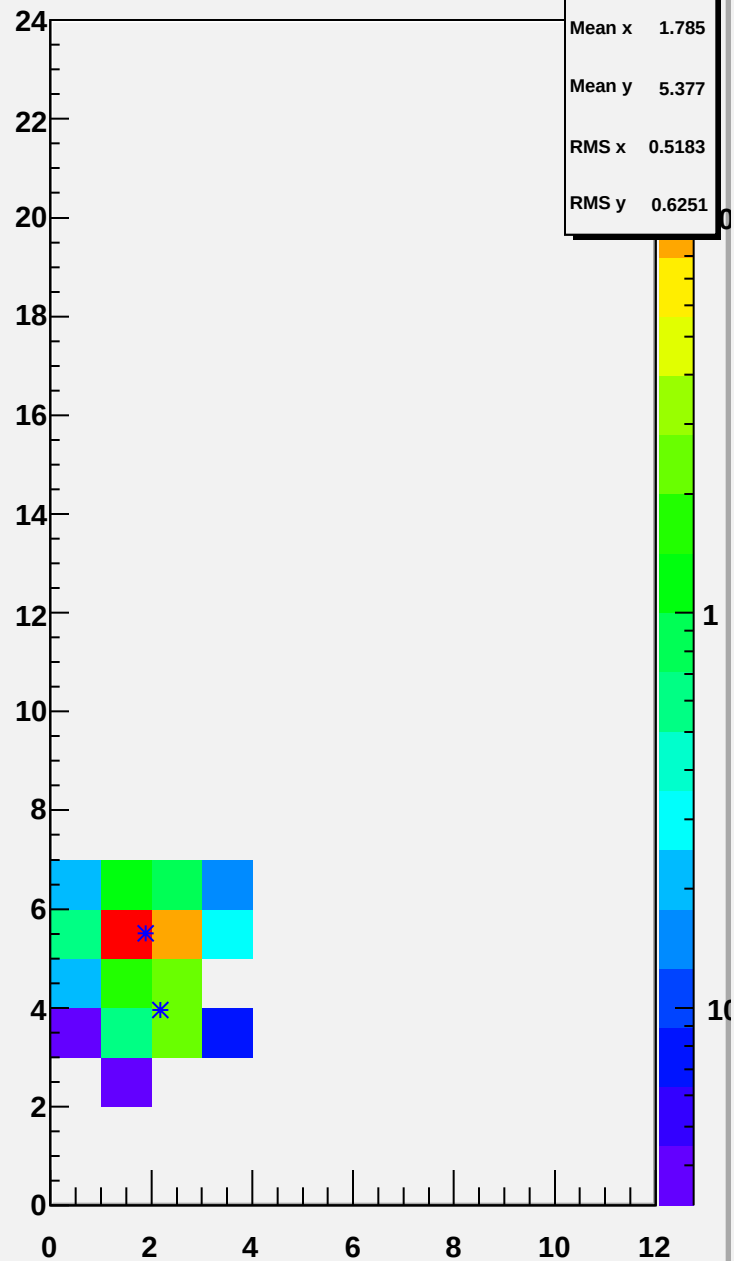
Efit

Entries	288
Mean x	1.881
Mean y	2.636
RMS x	0.6738
RMS y	0.59

NSTB3_r4_c3_En=50.0_m0=0.121 m1=0.121 index=1831



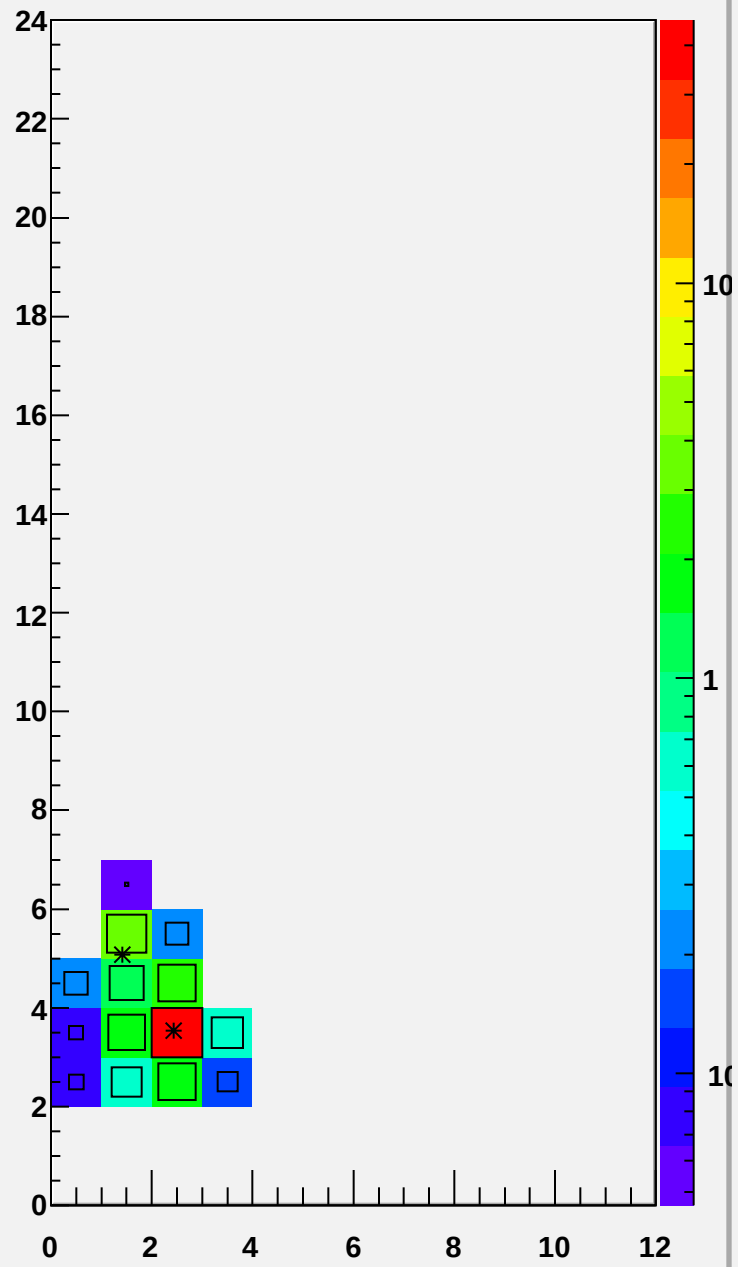
Fitted Energies



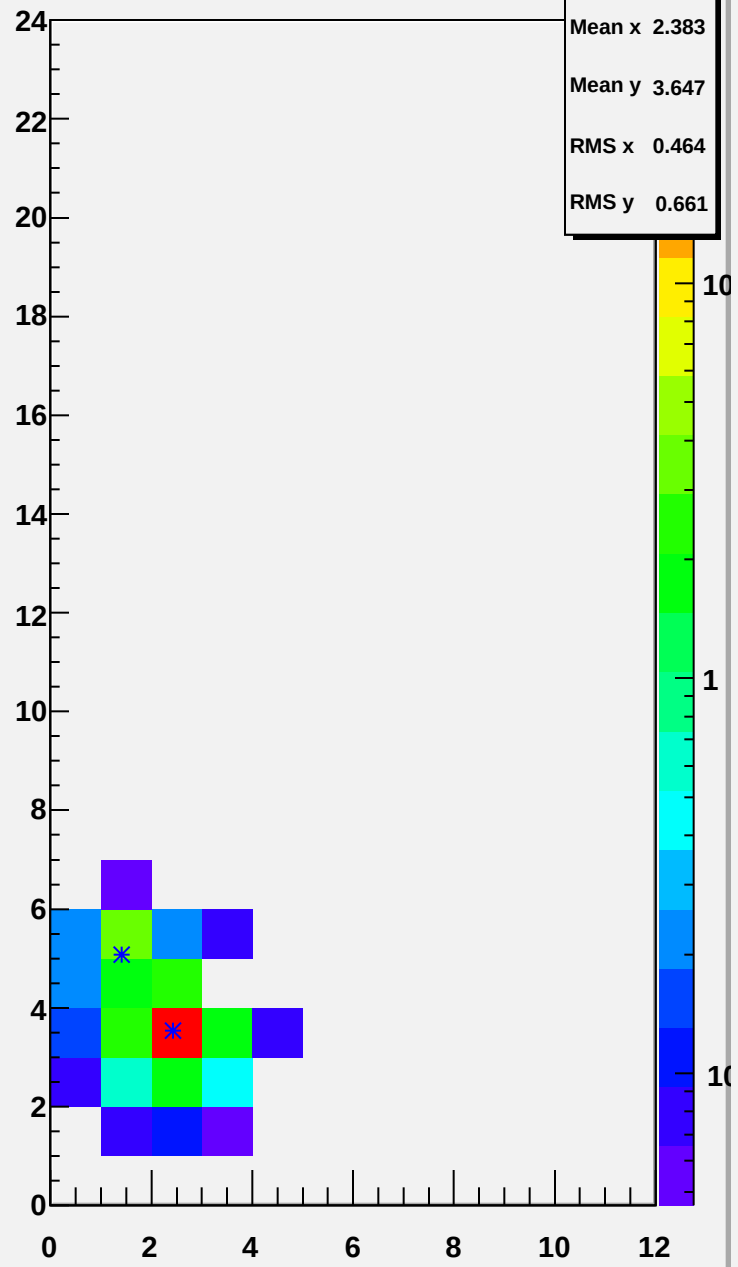
Efit

Entries	288
Mean x	1.785
Mean y	5.377
RMS x	0.5183
RMS y	0.6251

NSTB3_r4_c3_En=58.4_m0=0.170 m1=0.171 index=1832



Fitted Energies



Efit

Entries 288

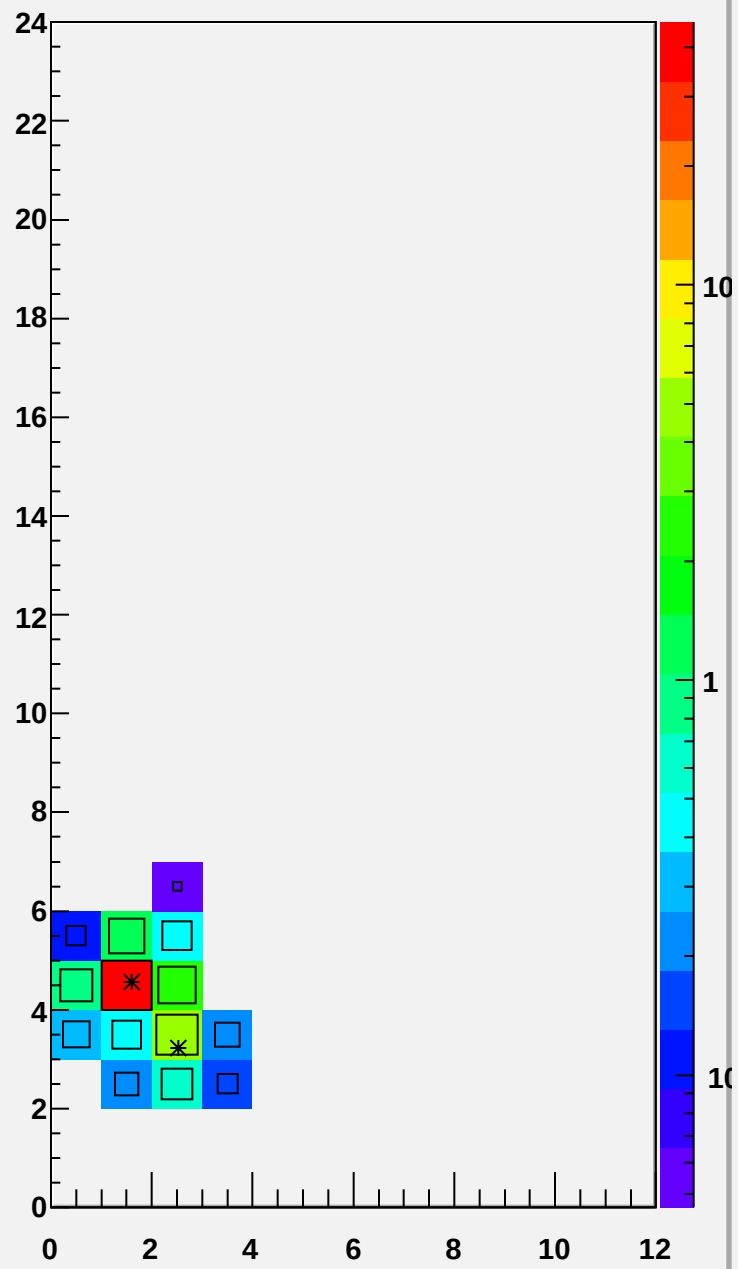
Mean x 2.383

Mean y 3.647

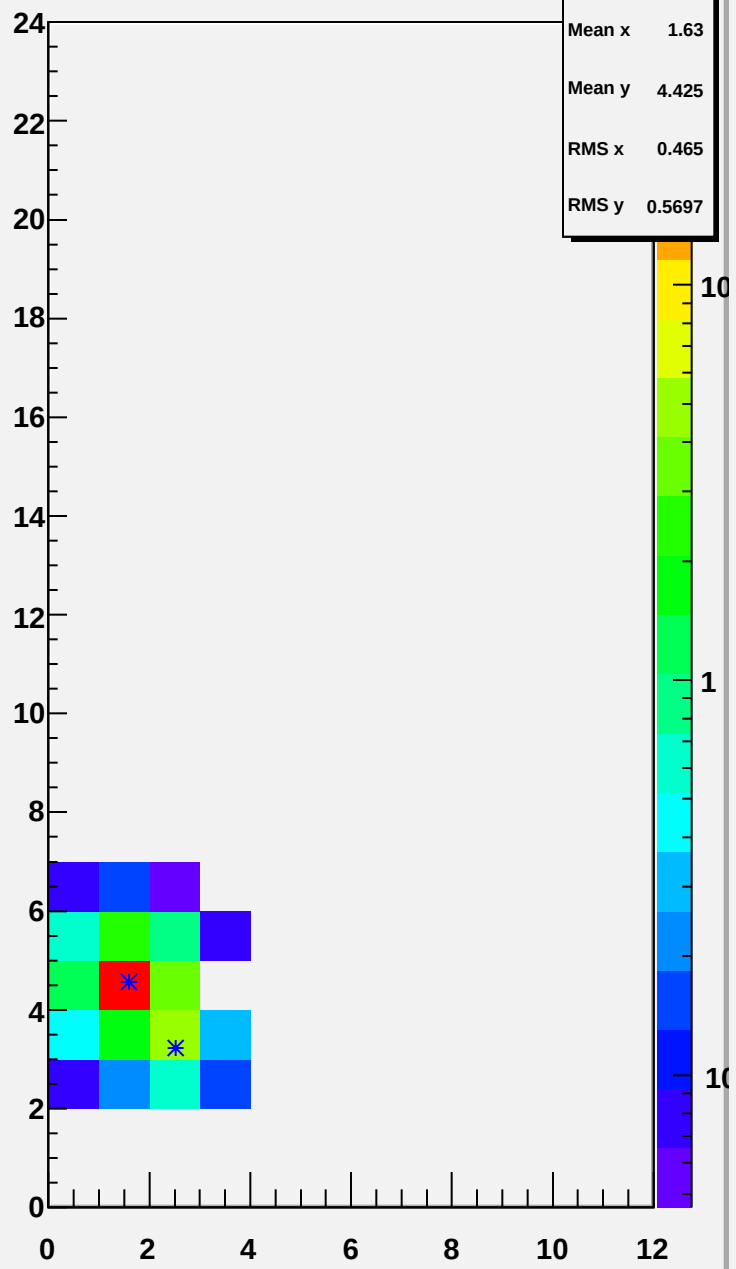
RMS x 0.464

RMS y 0.661

NSTB3_r4_c3_En=57.7_m0=0.162 m1=0.162 index=1833



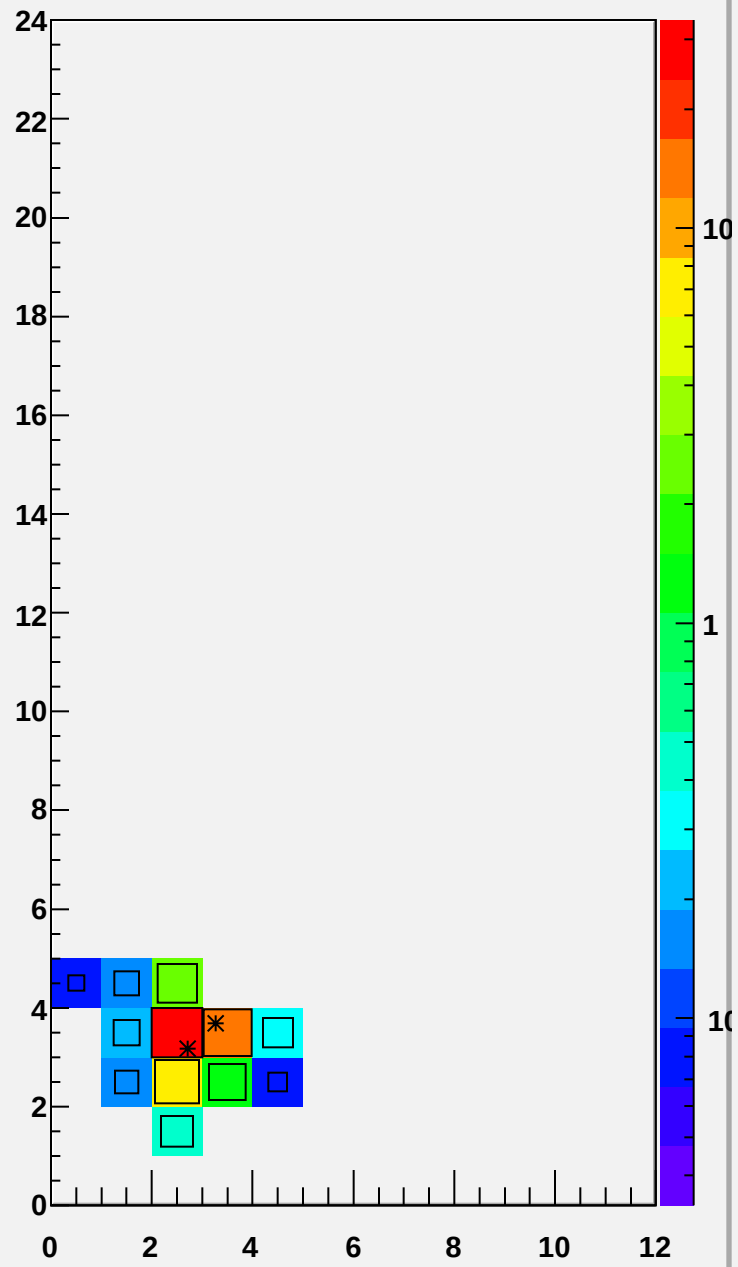
Fitted Energies



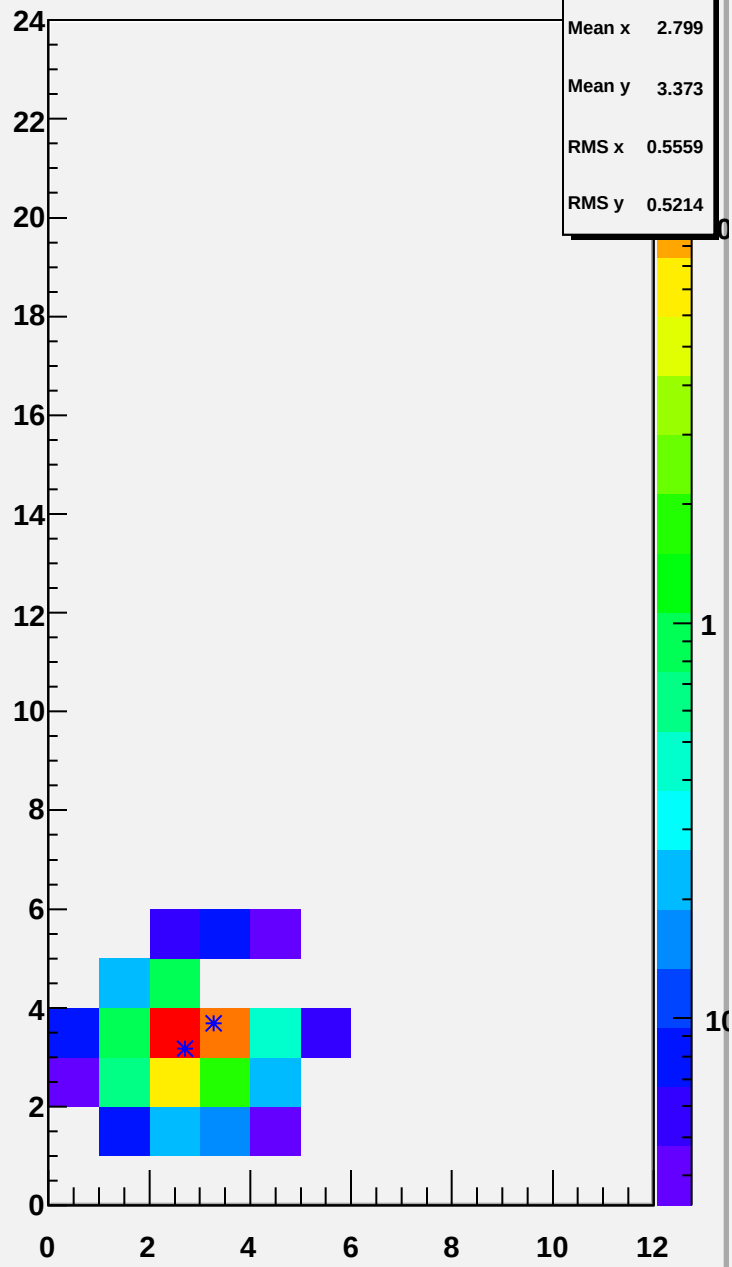
Efit

Entries	288
Mean x	1.63
Mean y	4.425
RMS x	0.465
RMS y	0.5697

NSTB3_r4_c3_En=62.3_m0=0.118 m1=0.118 index=1834



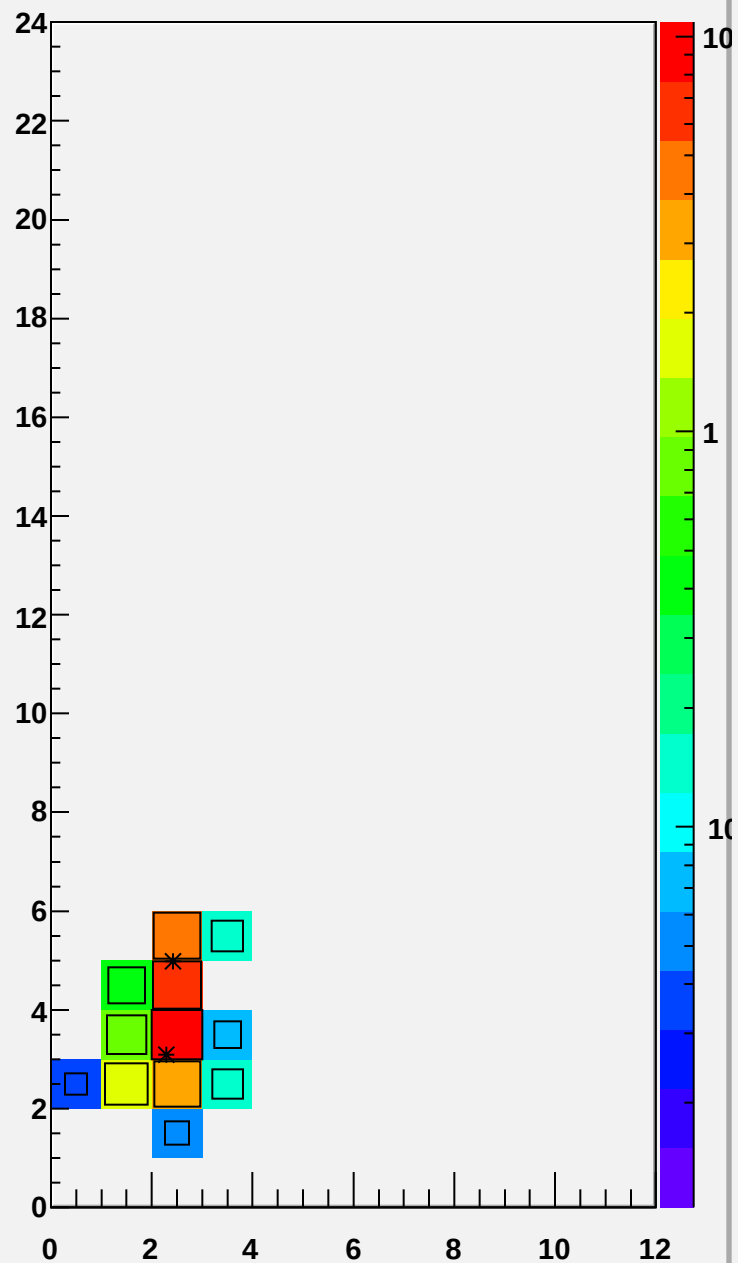
Fitted Energies



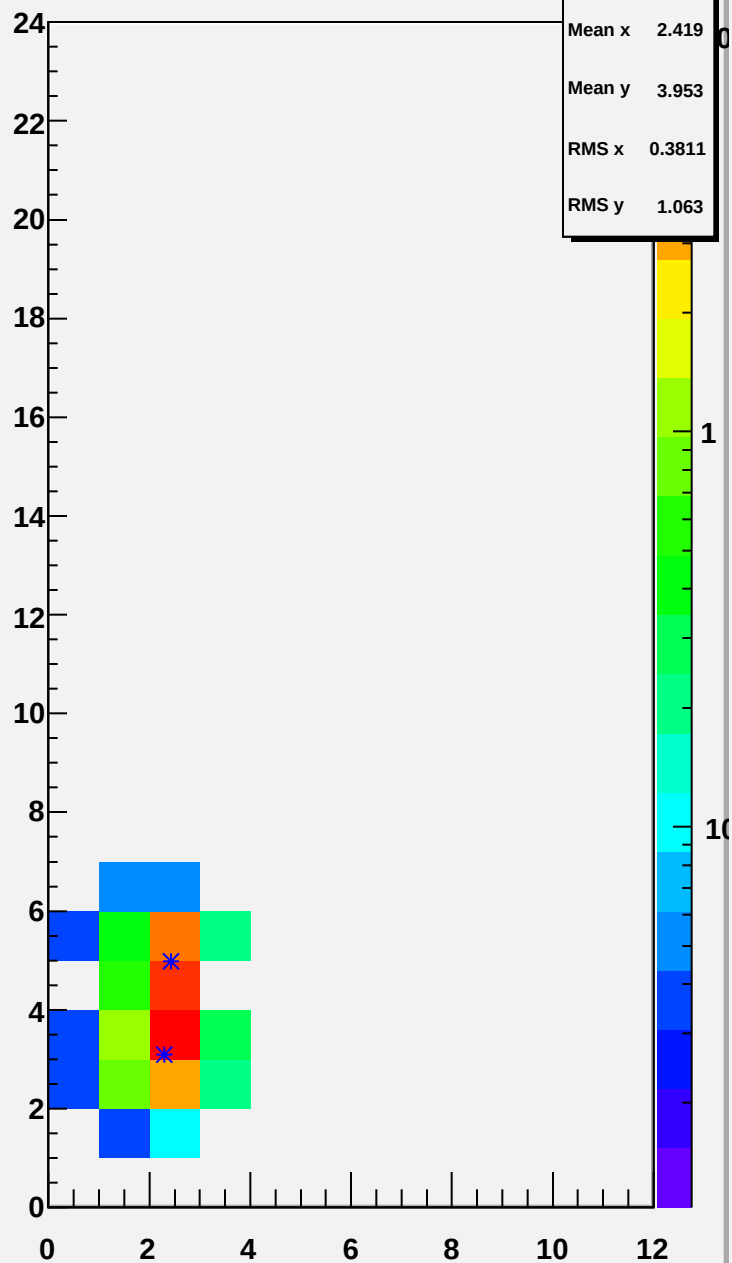
Efit

Entries	288
Mean x	2.799
Mean y	3.373
RMS x	0.5559
RMS y	0.5214

NSTB3_r4_c3_En=28.1_m0=0.151 m1=0.151 index=1835



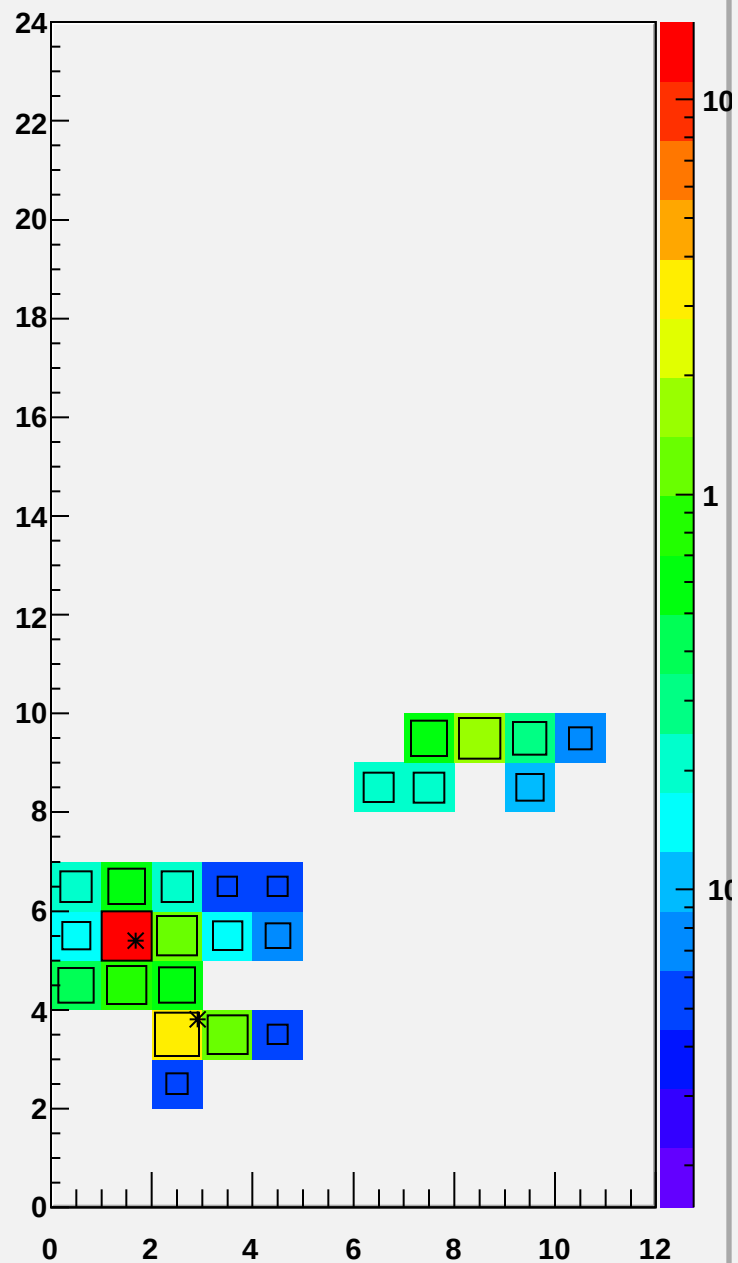
Fitted Energies



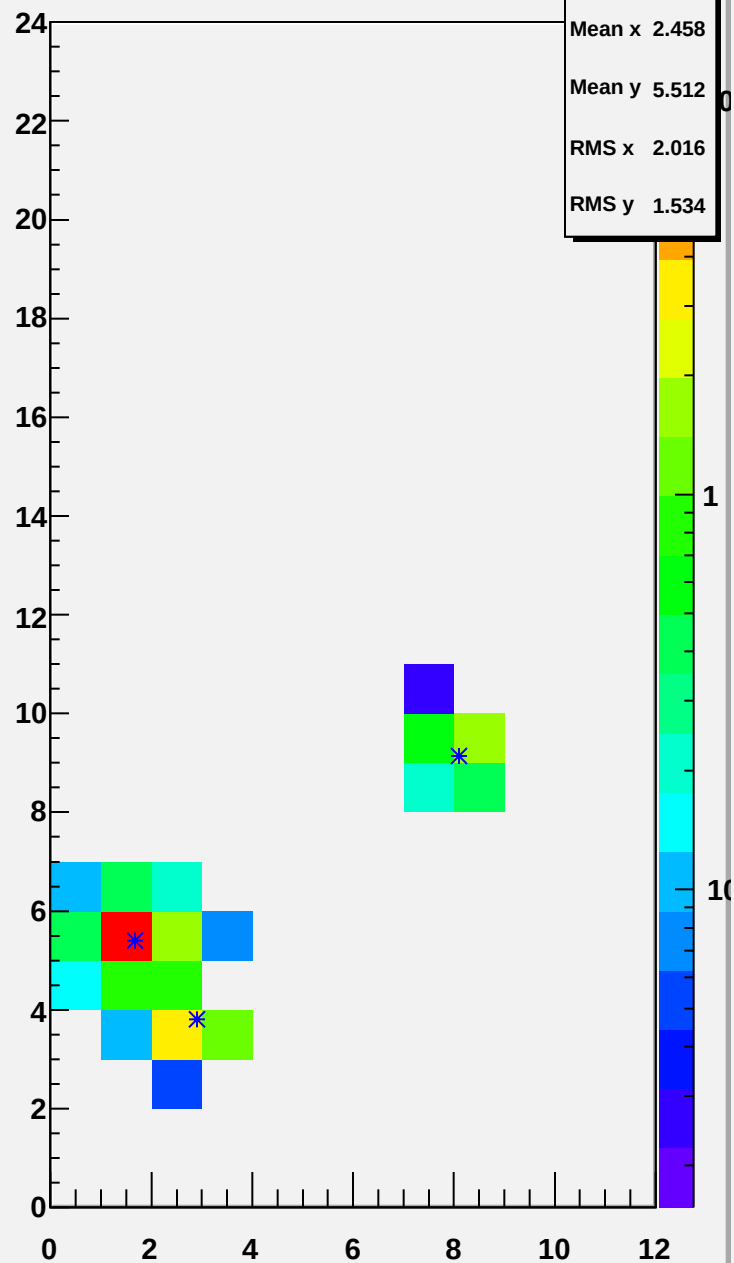
Efit

Entries	288
Mean x	2.419
Mean y	3.953
RMS x	0.3811
RMS y	1.063

NSTB3_r4_c3_En=28.2_m0=0.117 m1=0.117 index=1836



Fitted Energies



Efit

Entries 288

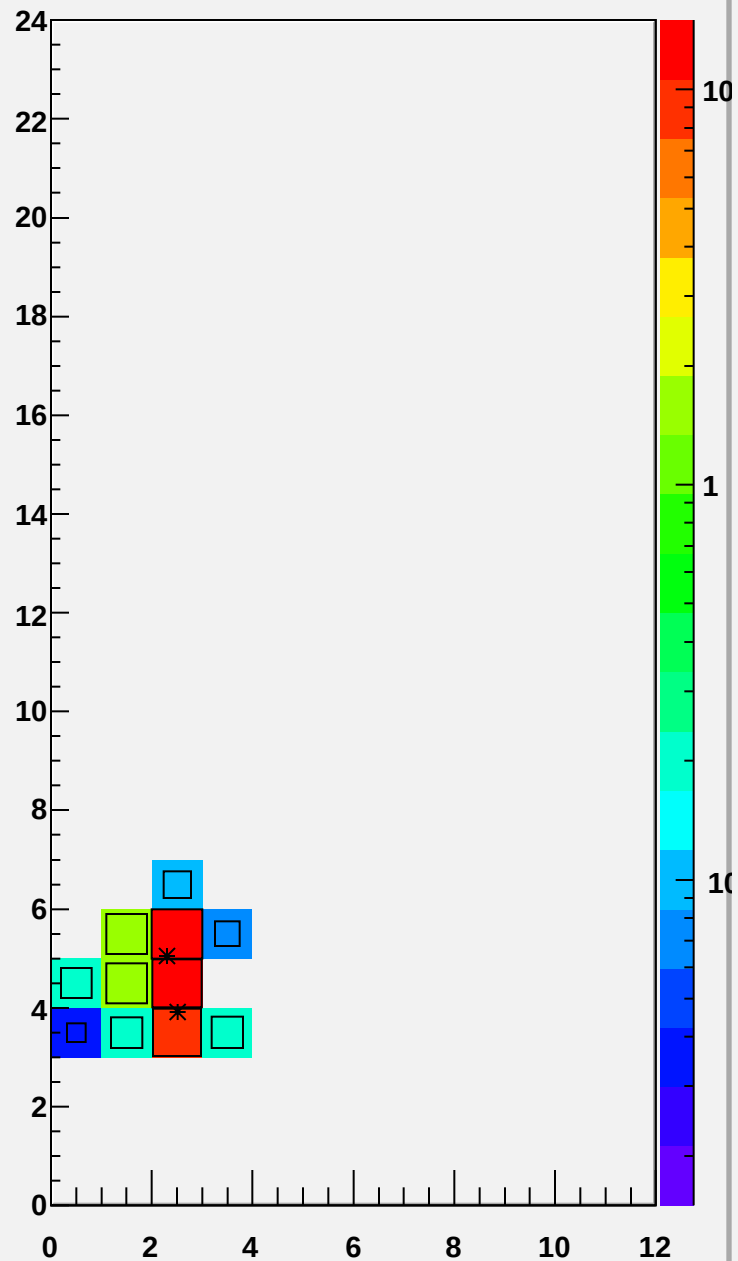
Mean x 2.458

Mean y 5.512

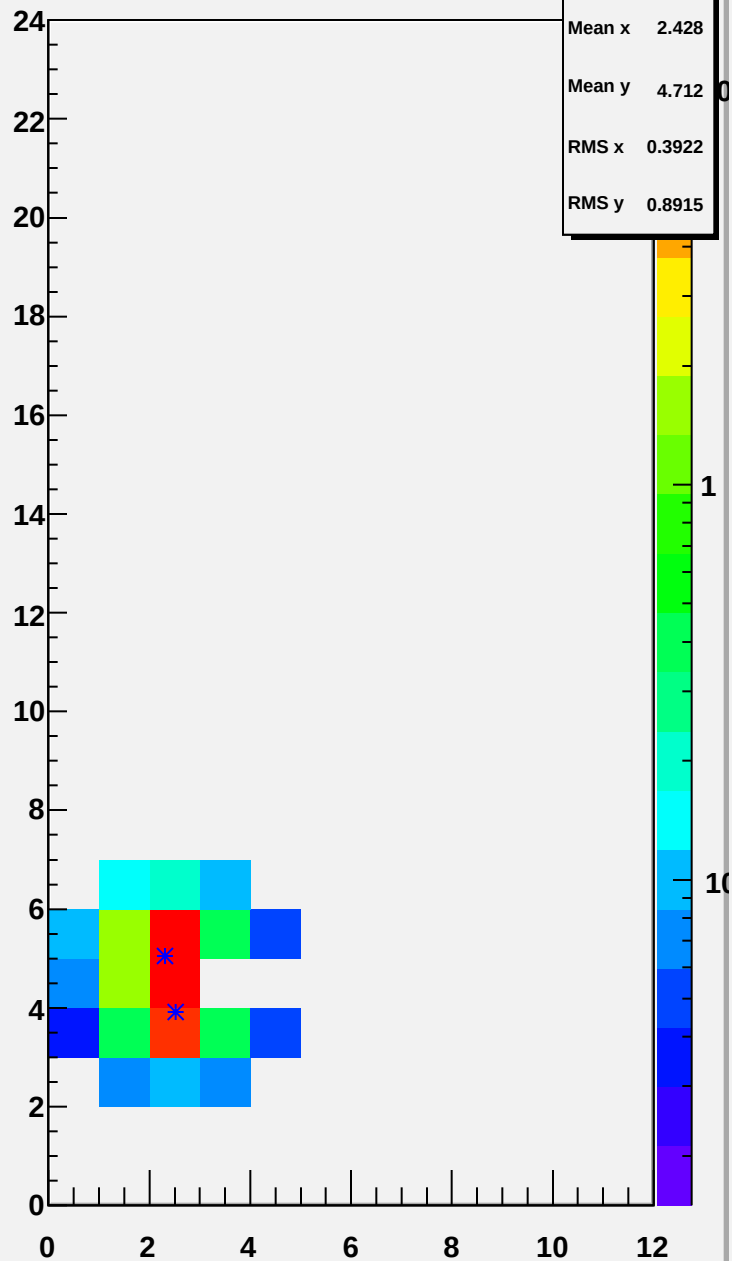
RMS x 2.016

RMS y 1.534

NSTB3_r4_c3_En=38.3_m0=0.121 m1=0.120 index=1837



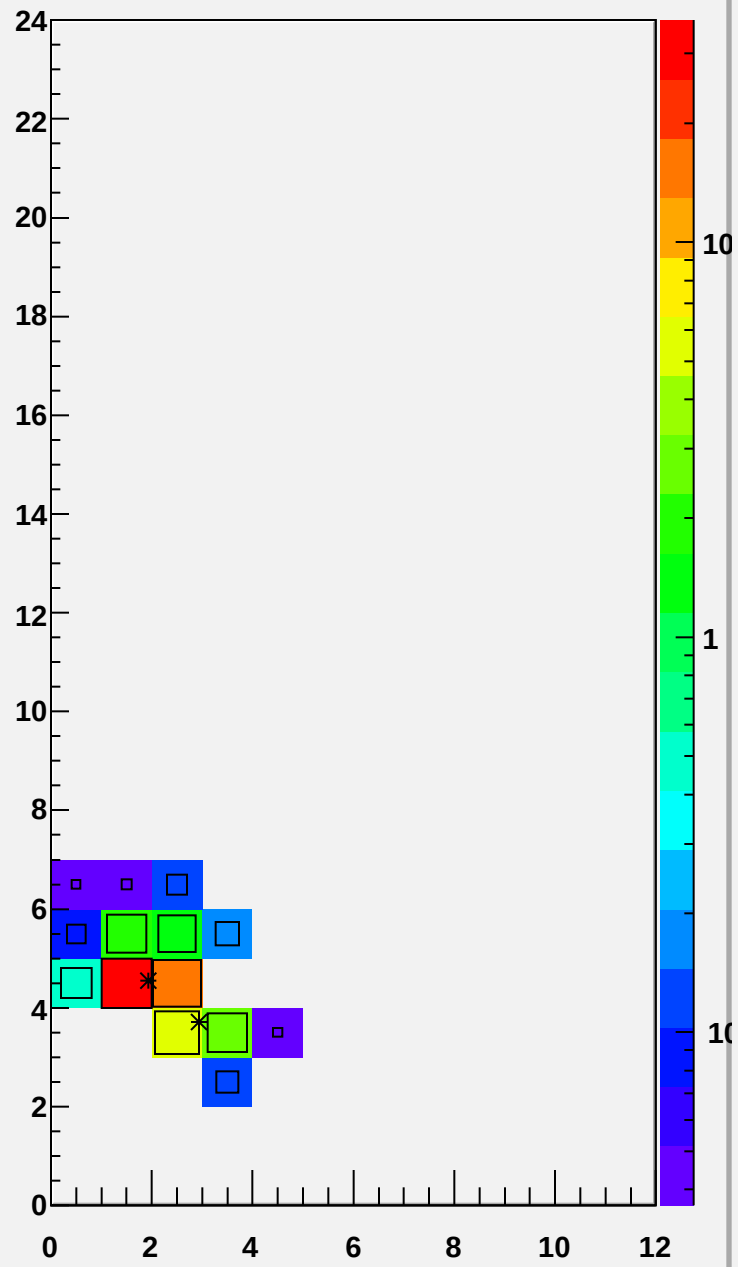
Fitted Energies



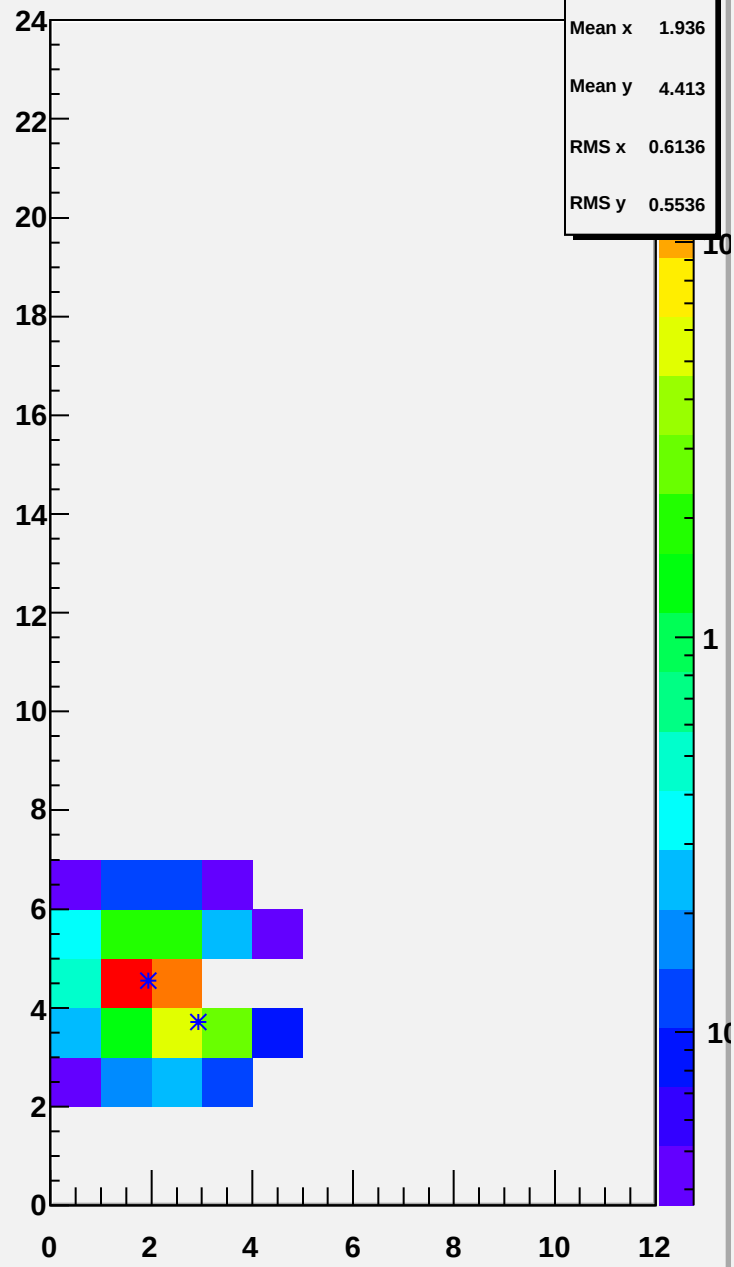
Efit

Entries	288
Mean x	2.428
Mean y	4.712
RMS x	0.3922
RMS y	0.8915

NSTB3_r4_c3_En=67.3_m0=0.163 m1=0.163 index=1838



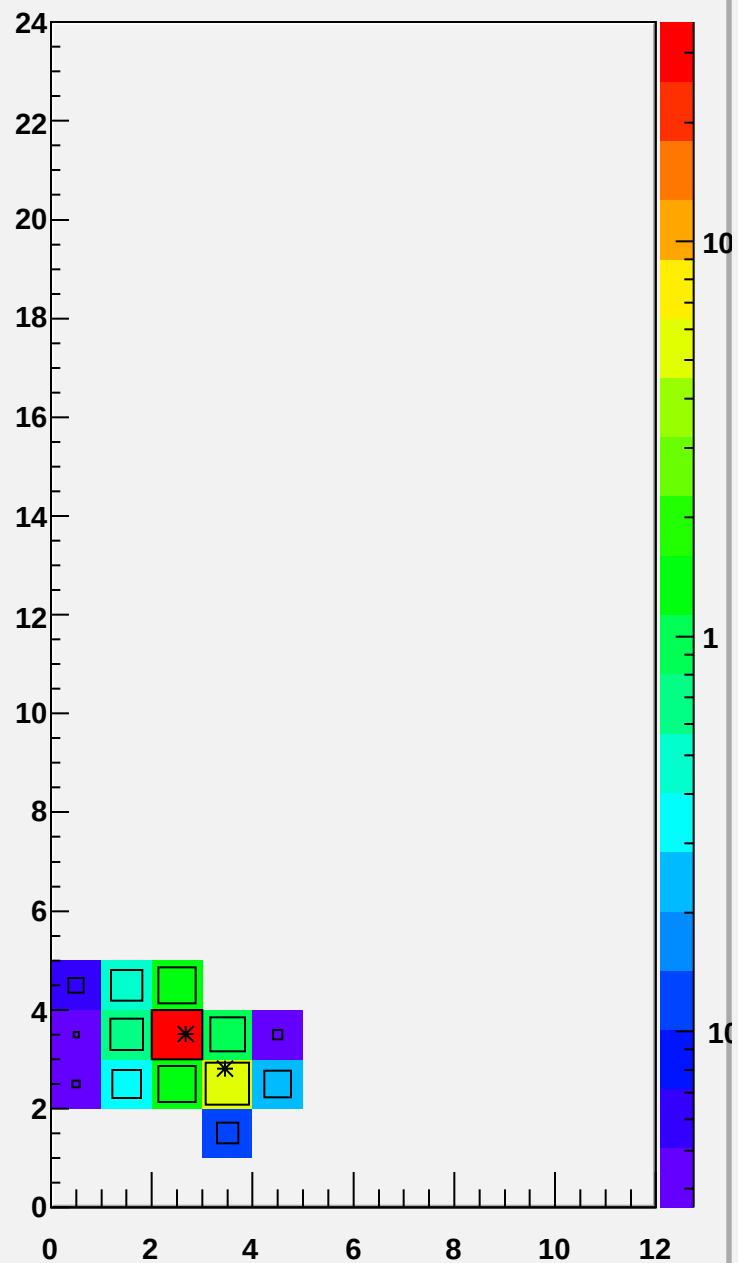
Fitted Energies



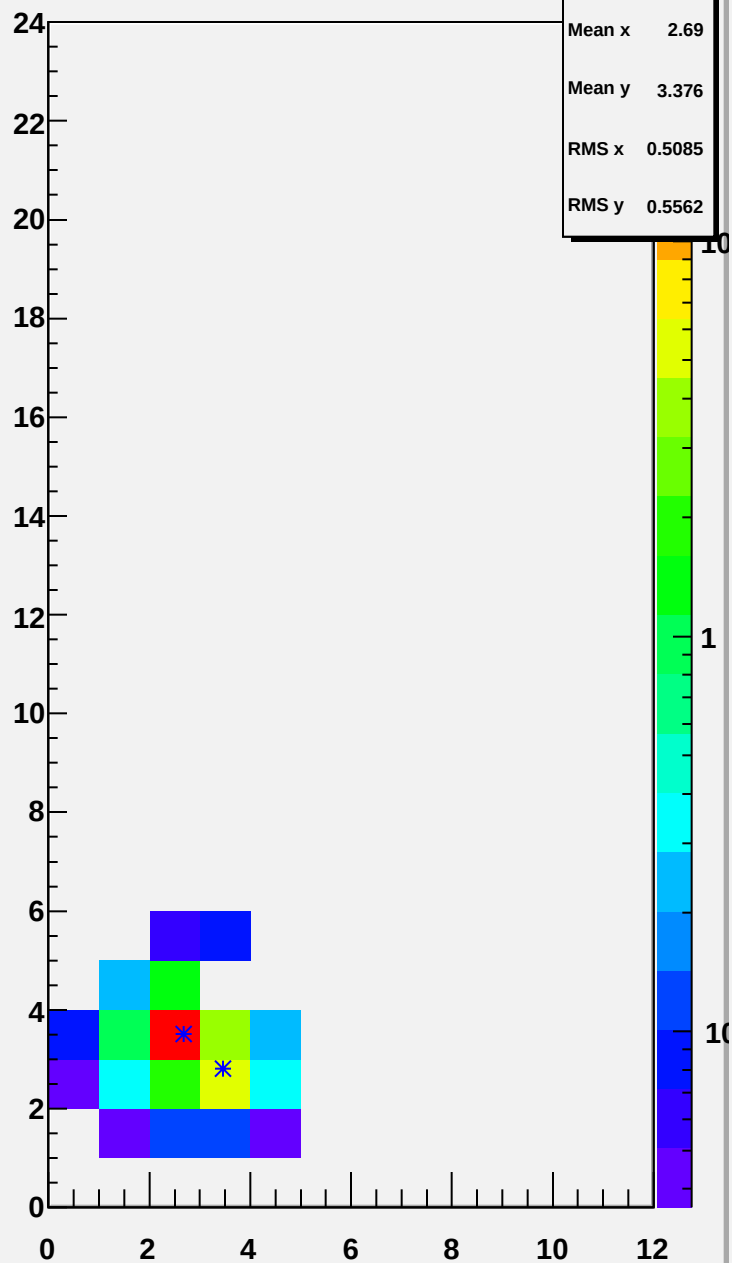
Efit

Entries	288
Mean x	1.936
Mean y	4.413
RMS x	0.6136
RMS y	0.5536

NSTB3_r4_c3_En=47.2_m0=0.104 m1=0.104 index=1839



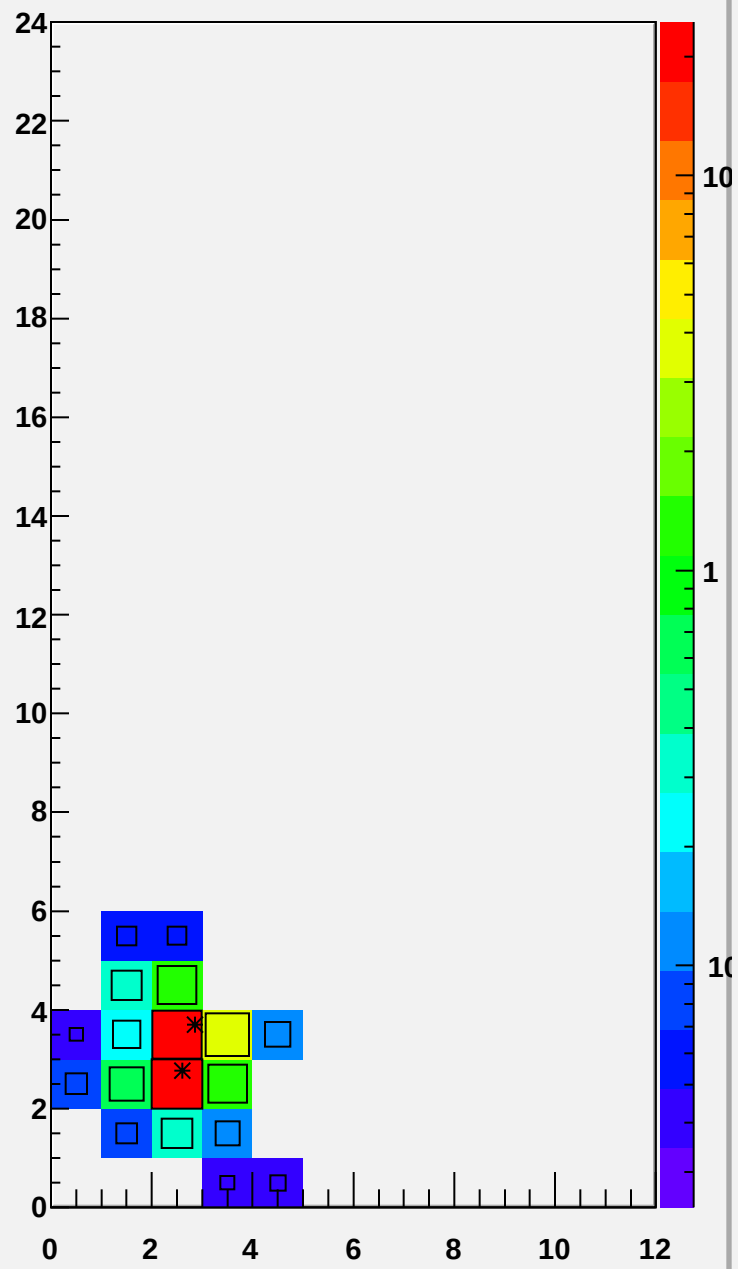
Fitted Energies



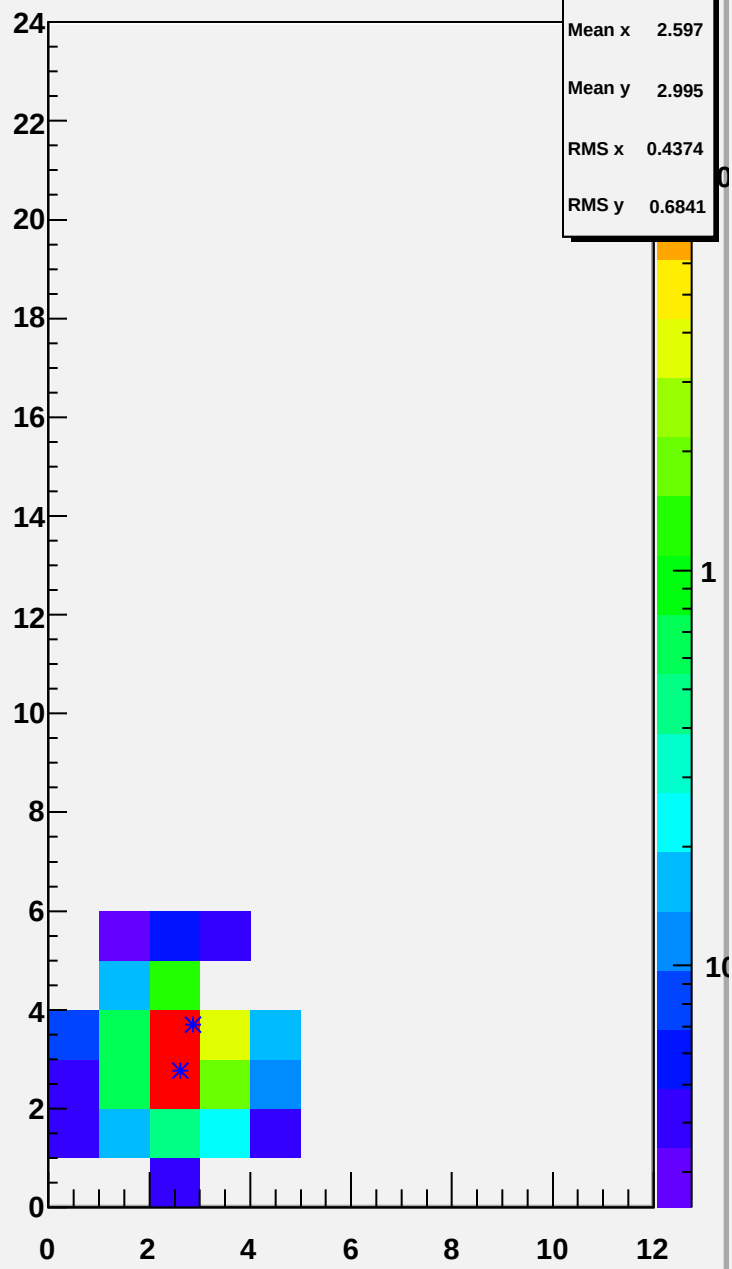
Efit

Entries	288
Mean x	2.69
Mean y	3.376
RMS x	0.5085
RMS y	0.5562

NSTB3_r4_c3_En=51.4_m0=0.135 m1=0.135 index=1840



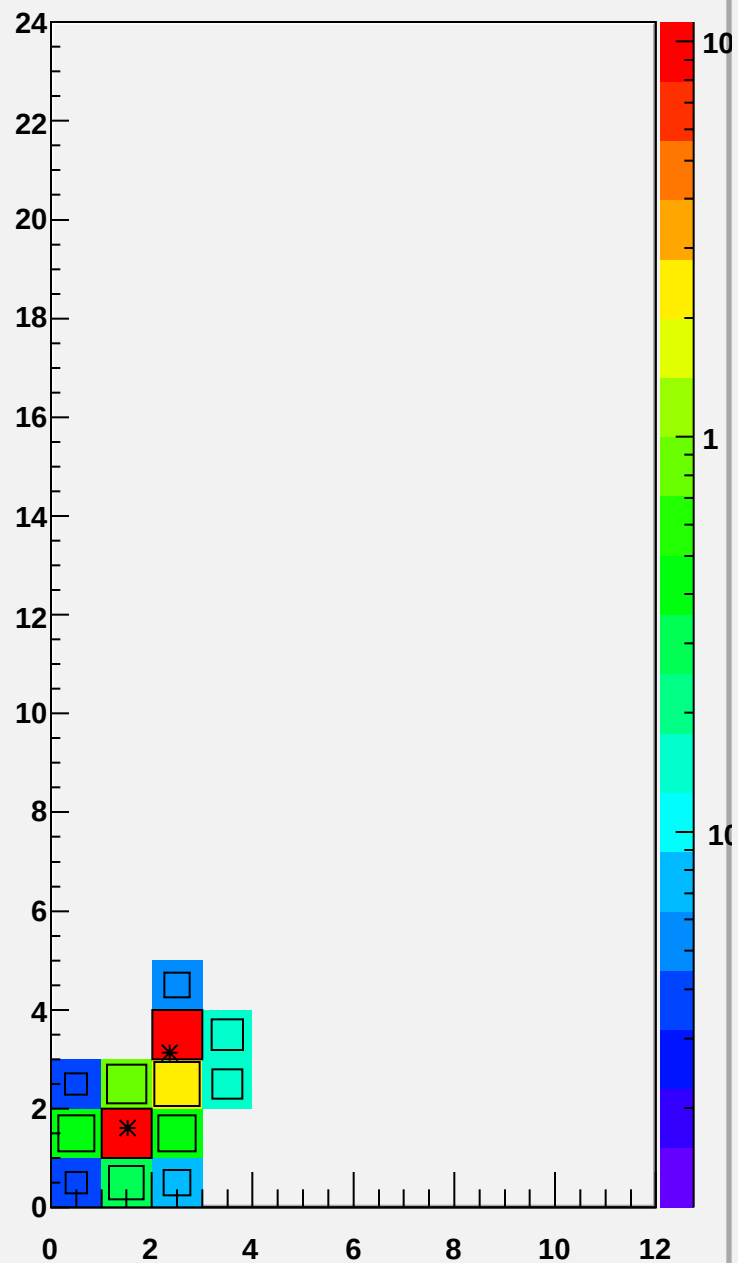
Fitted Energies



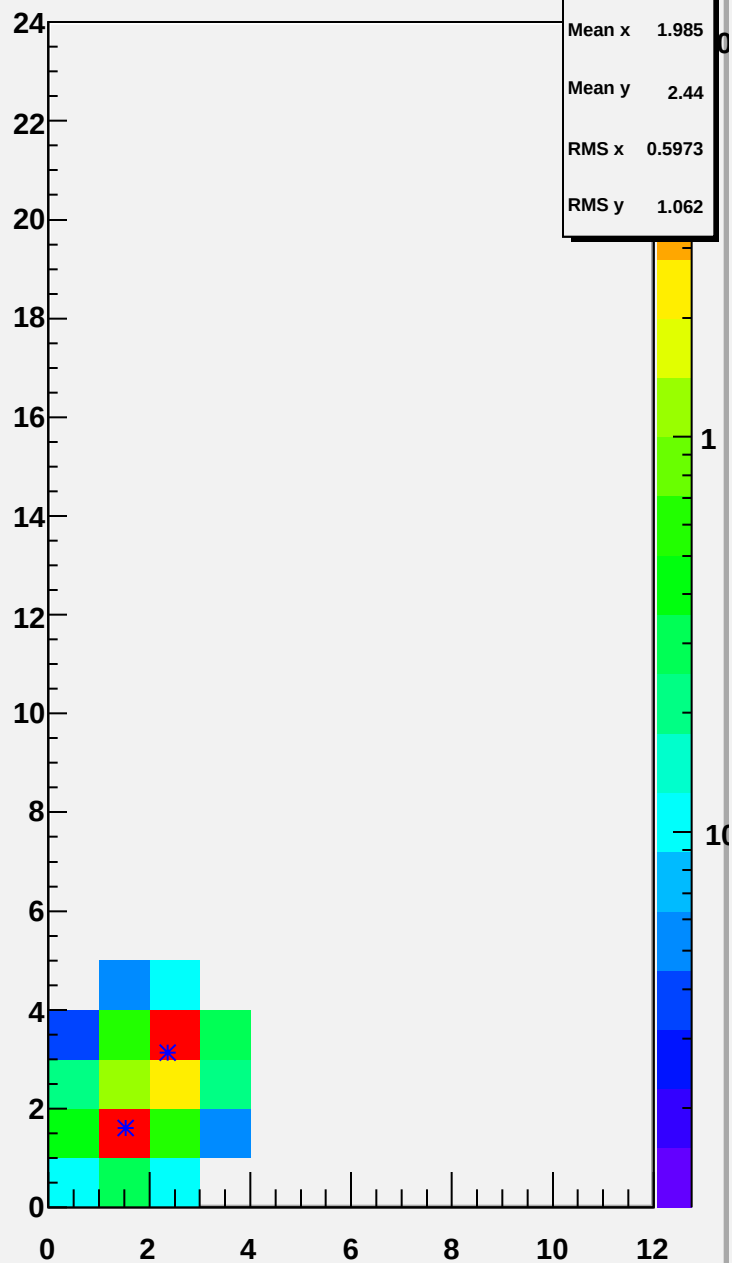
Efit

Entries	288
Mean x	2.597
Mean y	2.995
RMS x	0.4374
RMS y	0.6841

NSTB3_r4_c3_En=26.4_m0=0.135 m1=0.135 index=1841



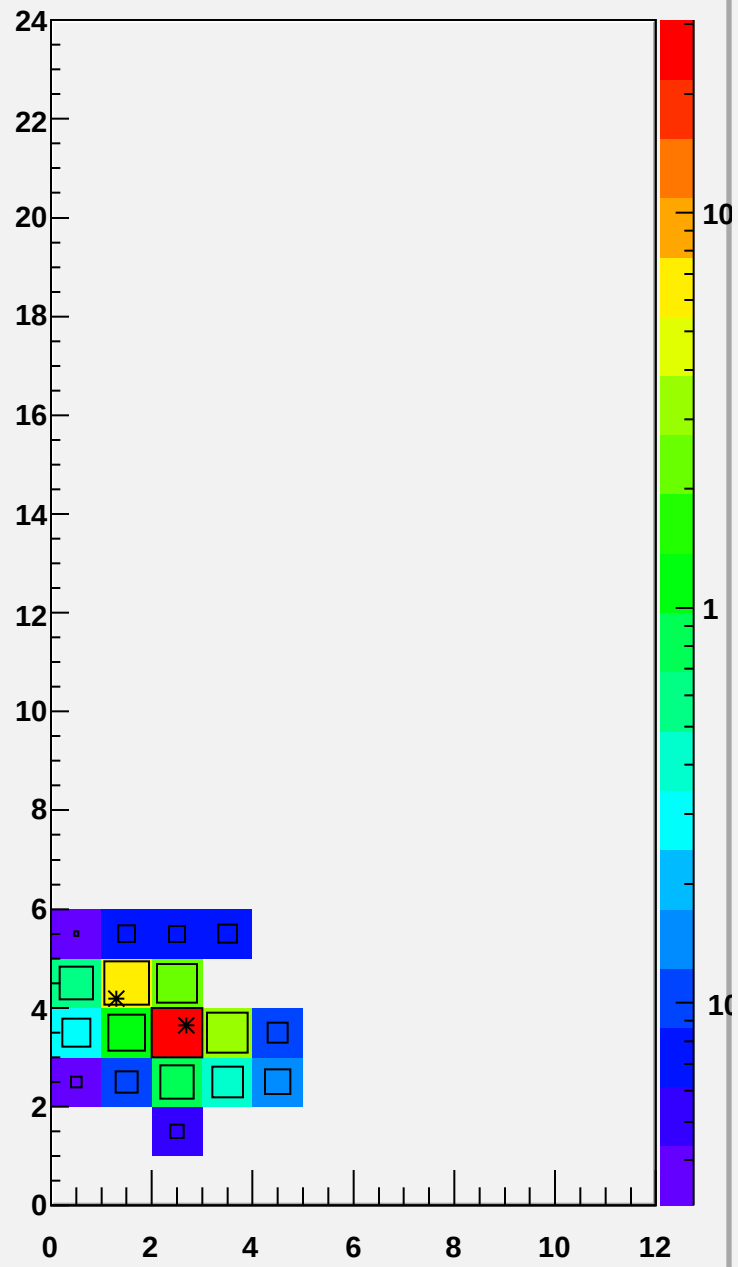
Fitted Energies



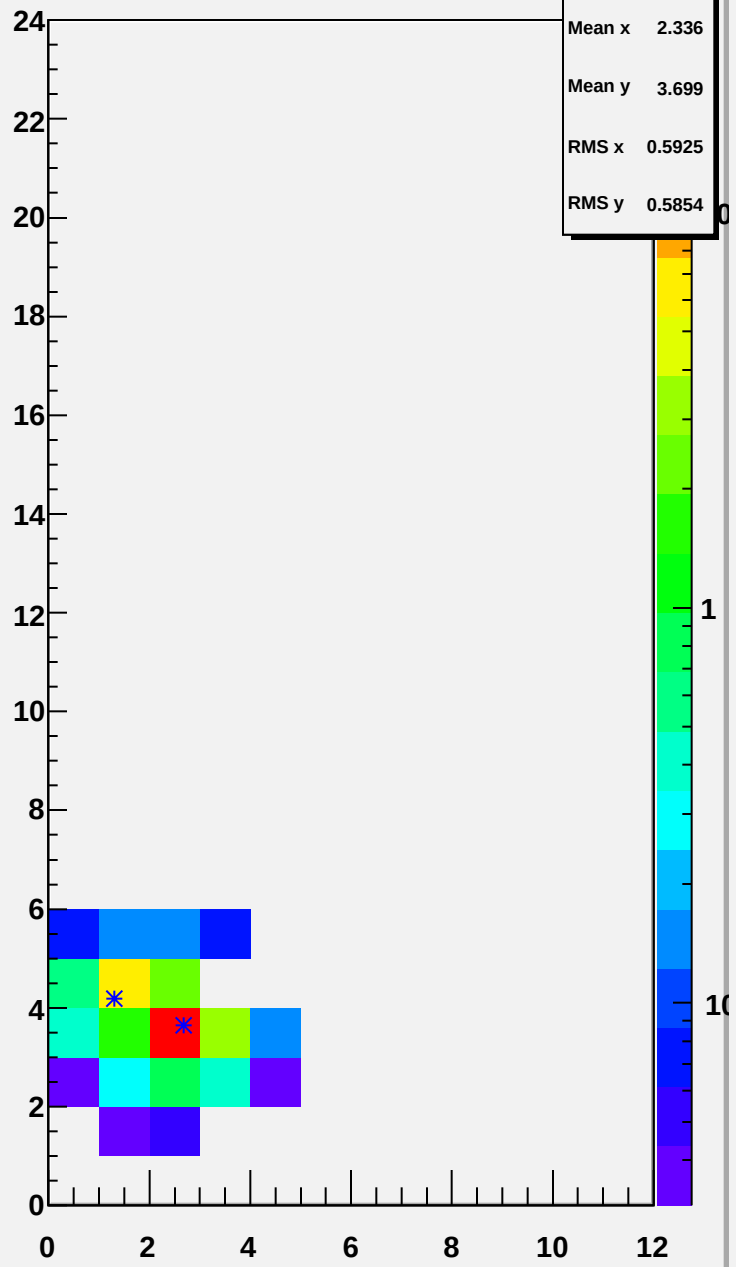
Efit

Entries	288
Mean x	1.985
Mean y	2.44
RMS x	0.5973
RMS y	1.062

NSTB3_r4_c3_En=46.2_m0=0.153 m1=0.154 index=1842



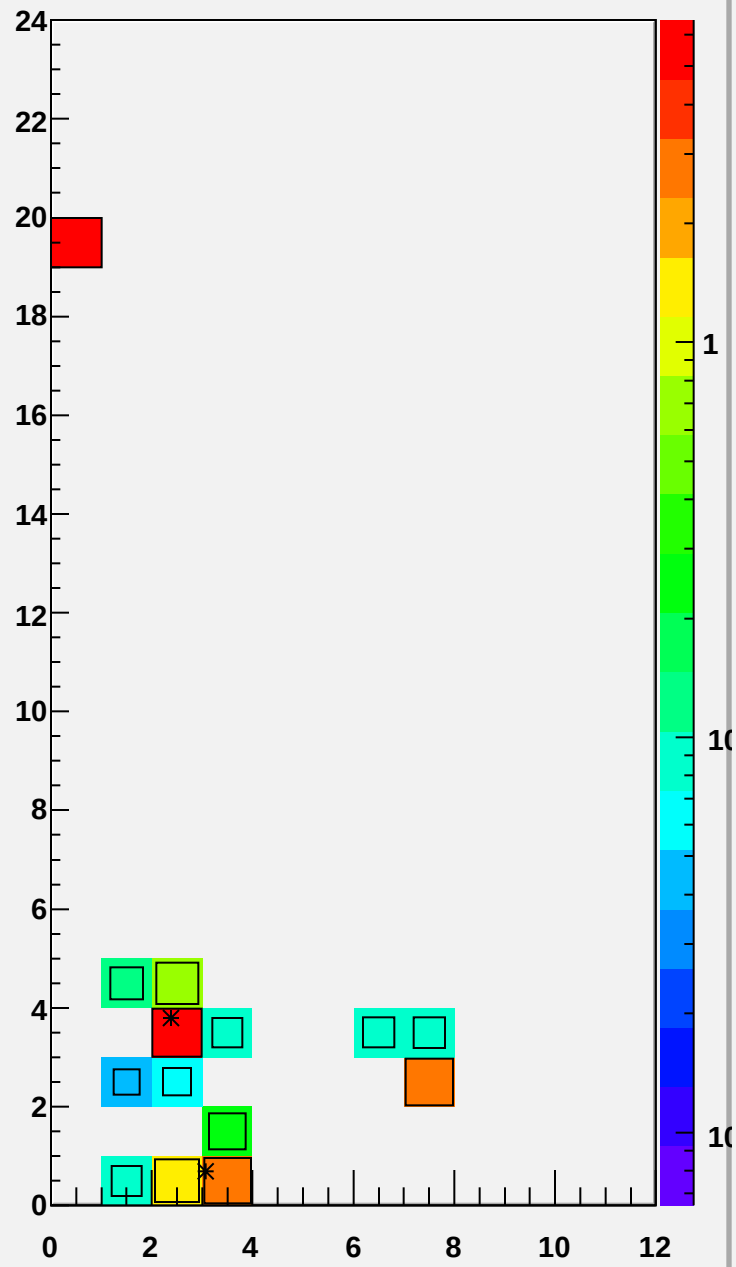
Fitted Energies



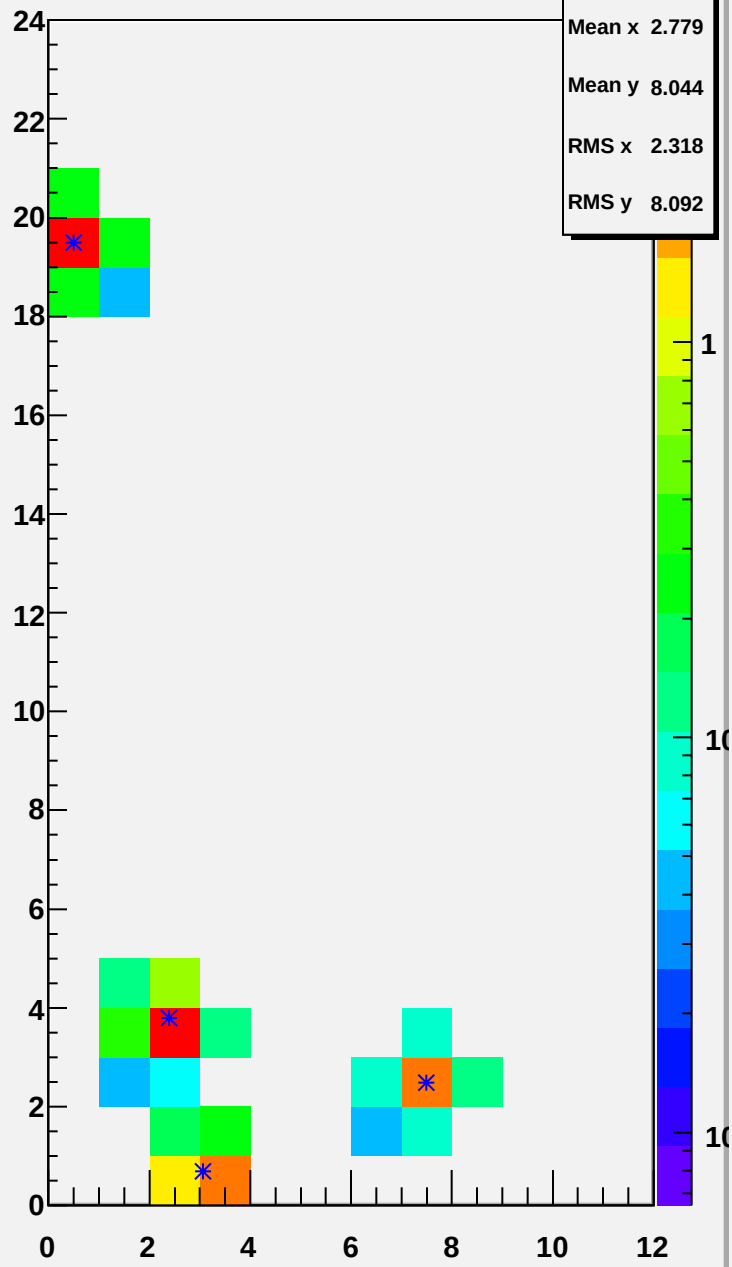
Efit

Entries	288
Mean x	2.336
Mean y	3.699
RMS x	0.5925
RMS y	0.5854

NSTB3_r4_c3_En=19.4_m0=0.093 m1=0.093 index=1843



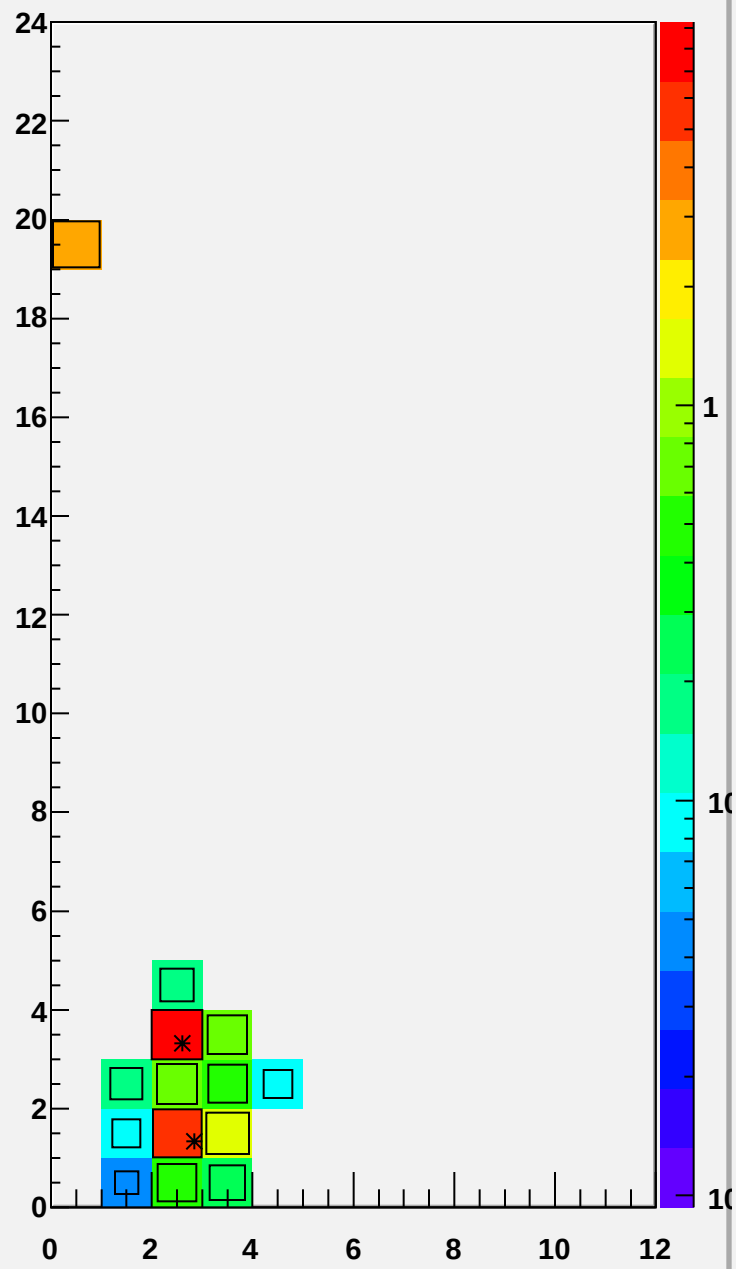
Fitted Energies



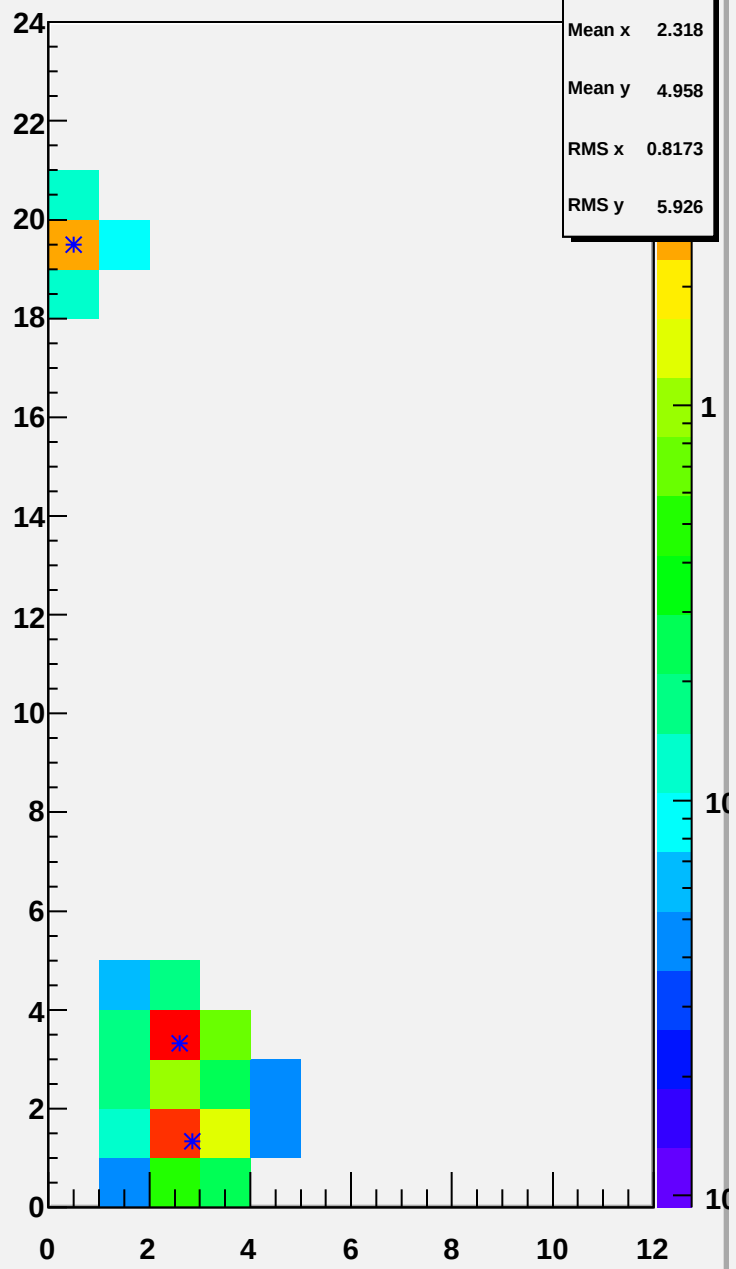
Efit

Entries 288
Mean x 2.779
Mean y 8.044
RMS x 2.318
RMS y 8.092

NSTB3_r4_c3_En=22.9_m0=0.109 m1=0.109 index=1844



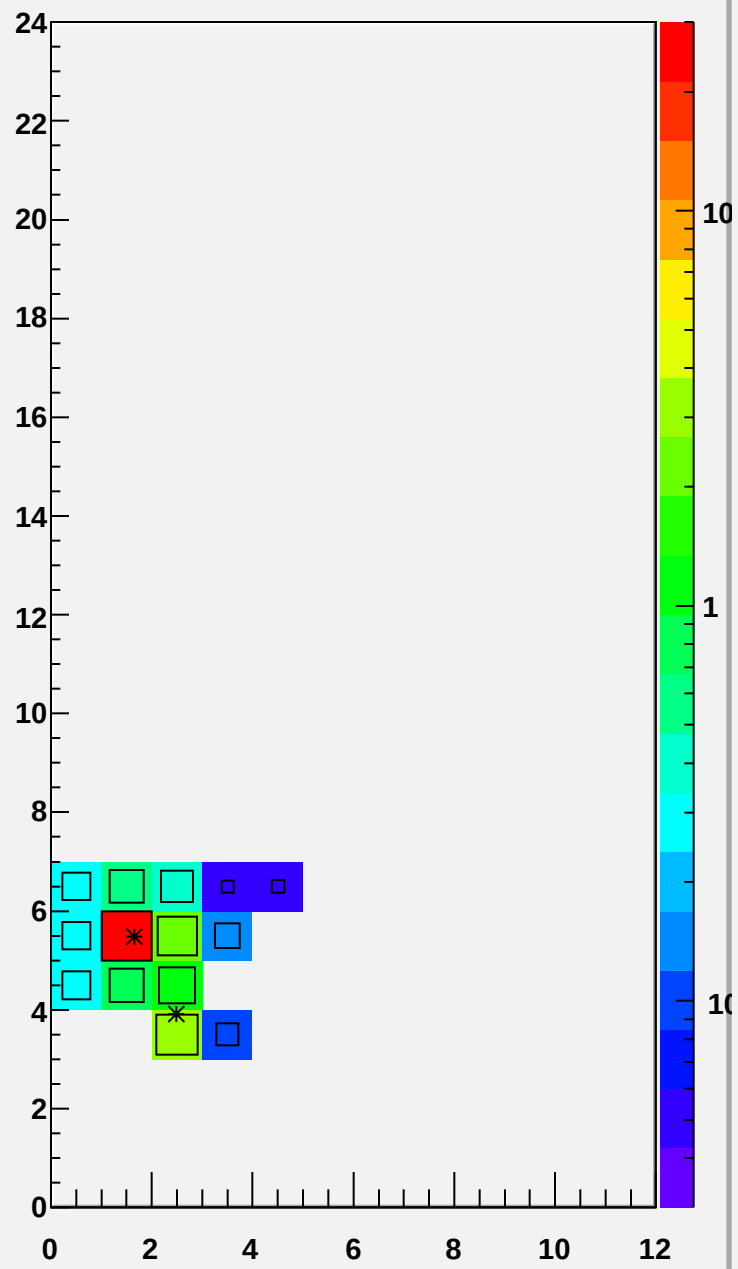
Fitted Energies



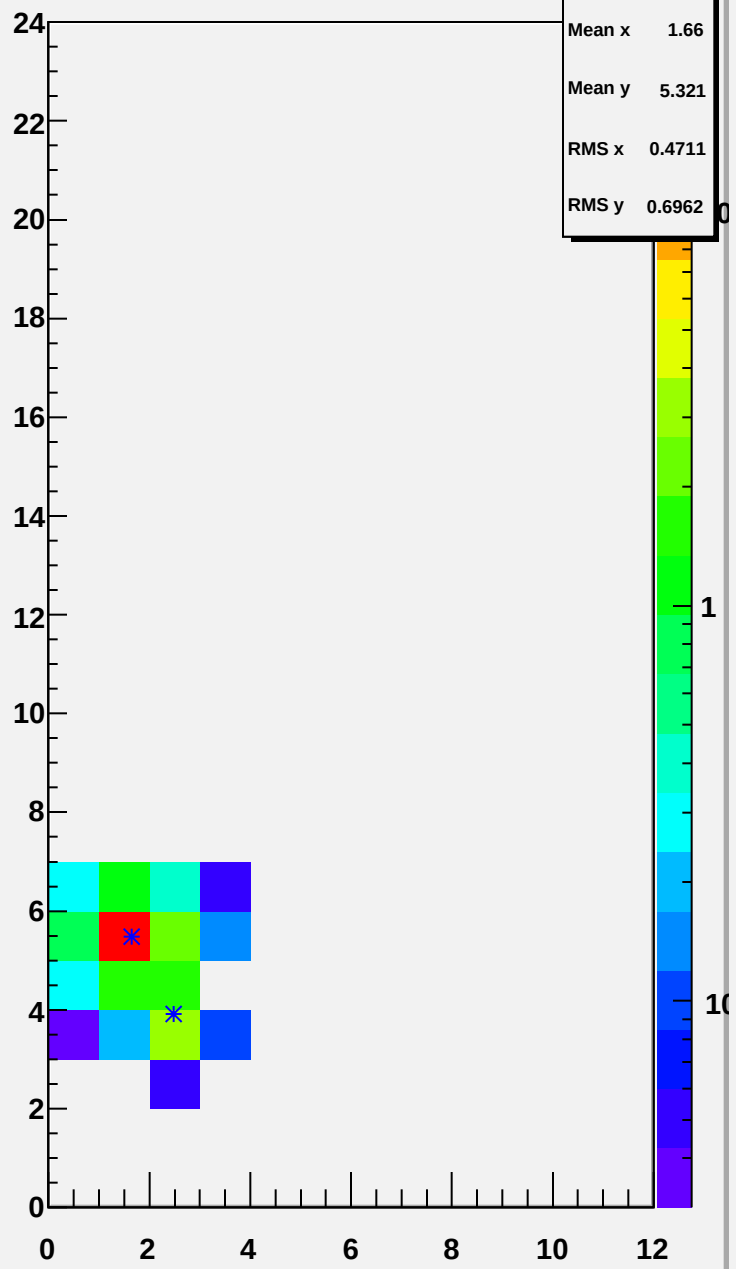
Efit

Entries	288
Mean x	2.318
Mean y	4.958
RMS x	0.8173
RMS y	5.926

NSTB3_r4_c3_En=39.0_m0=0.125 m1=0.126 index=1845



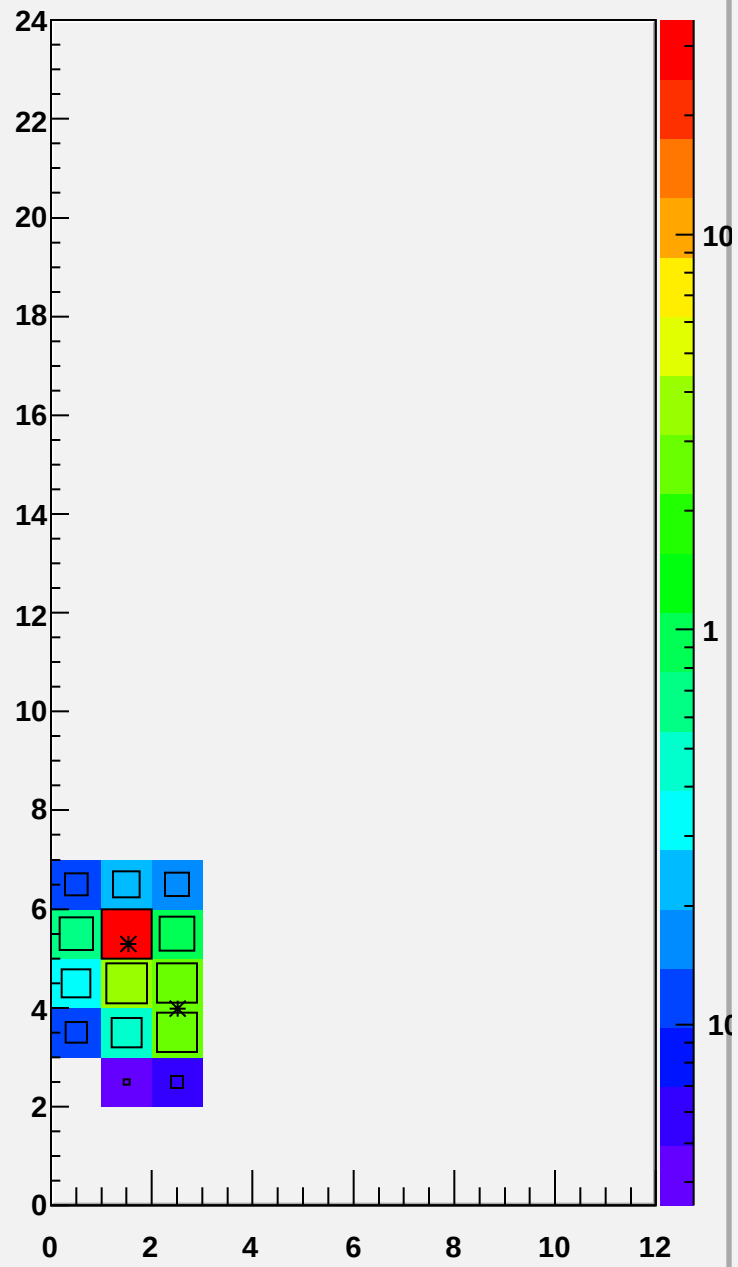
Fitted Energies



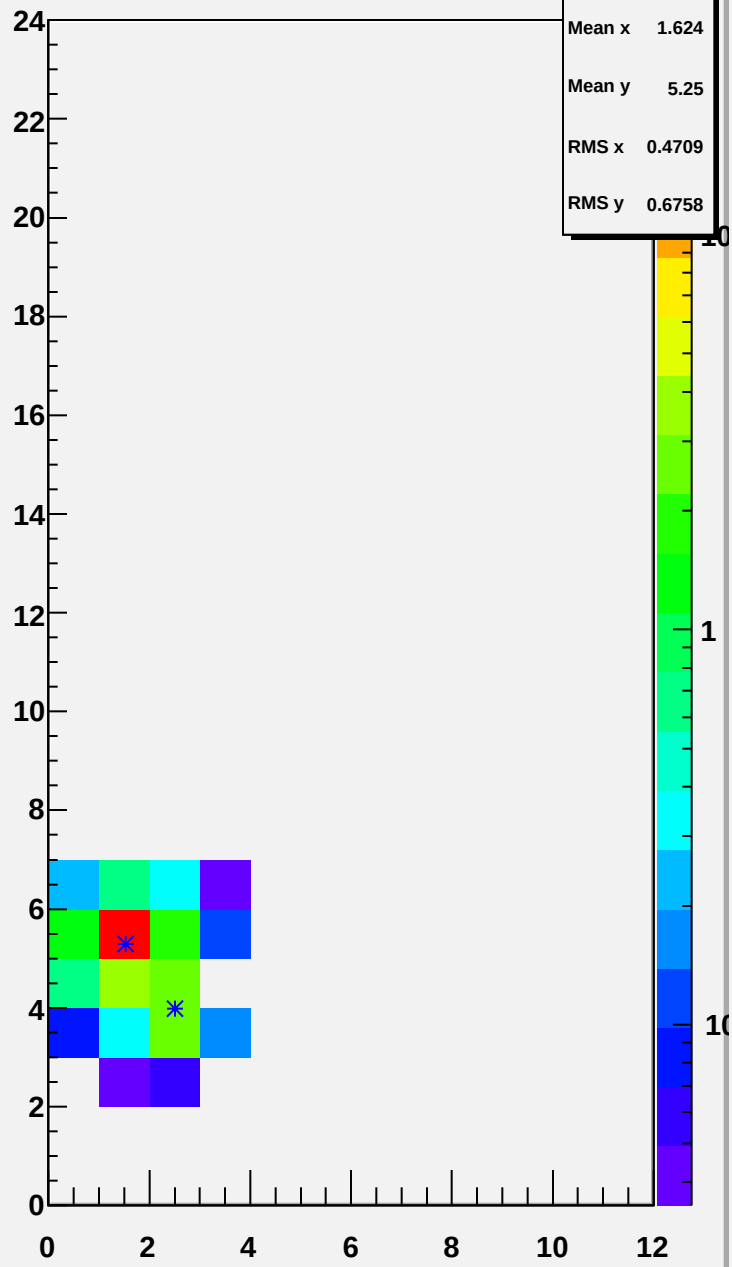
Efit

Entries	288
Mean x	1.66
Mean y	5.321
RMS x	0.4711
RMS y	0.6962

NSTB3_r4_c3_En=47.1_m0=0.142 m1=0.141 index=1846



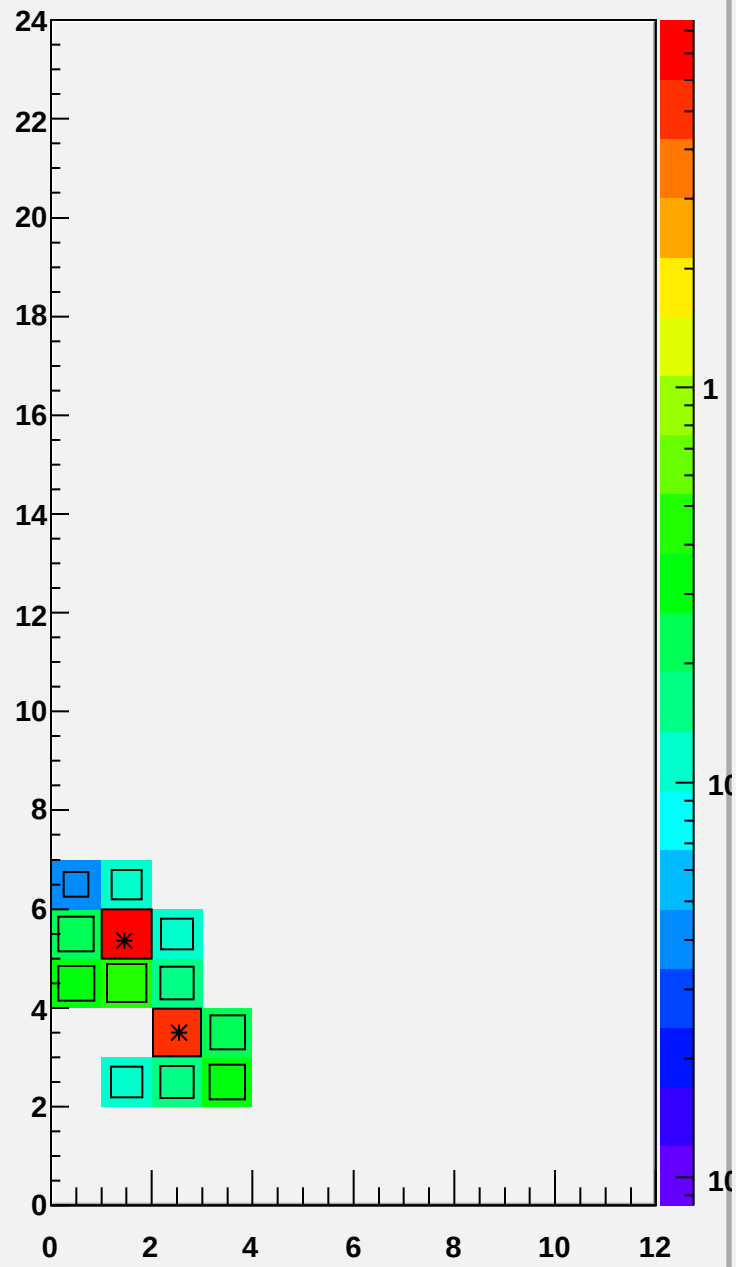
Fitted Energies



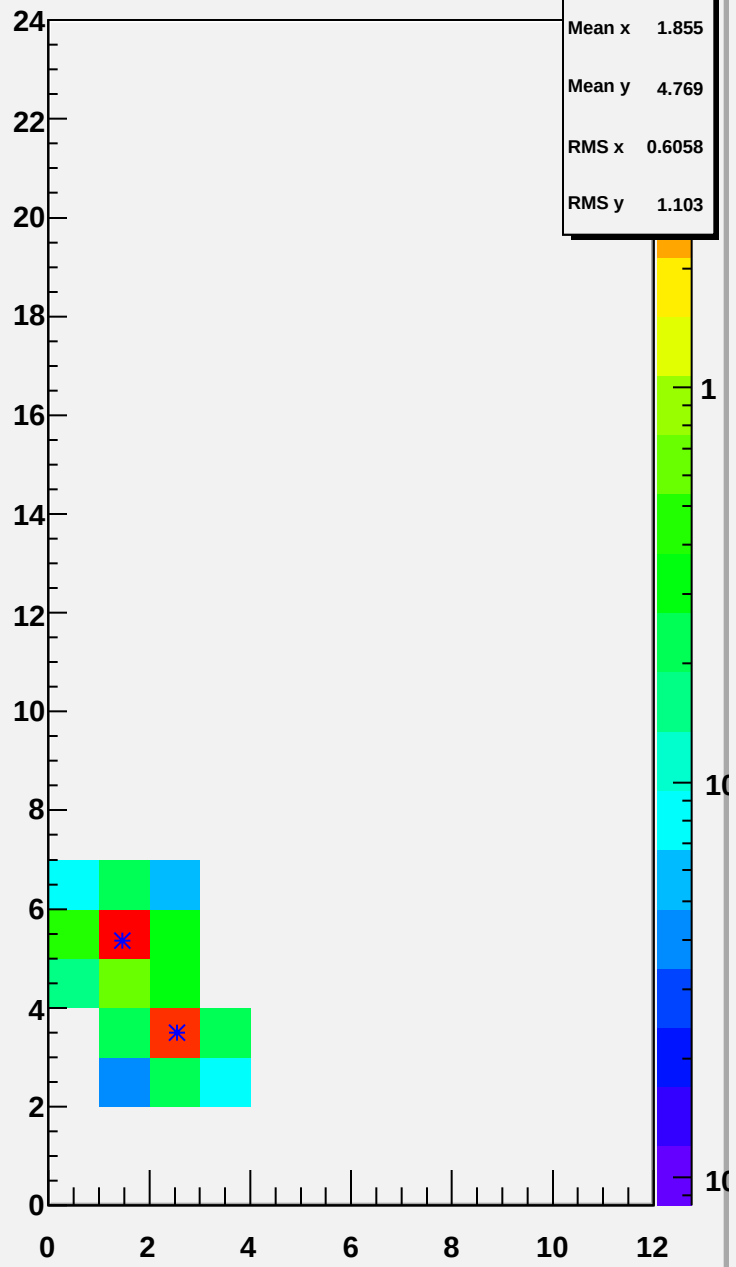
Efit

Entries	288
Mean x	1.624
Mean y	5.25
RMS x	0.4709
RMS y	0.6758

NSTB3_r4_c3_En=15.6_m0=0.094 m1=0.094 index=1848



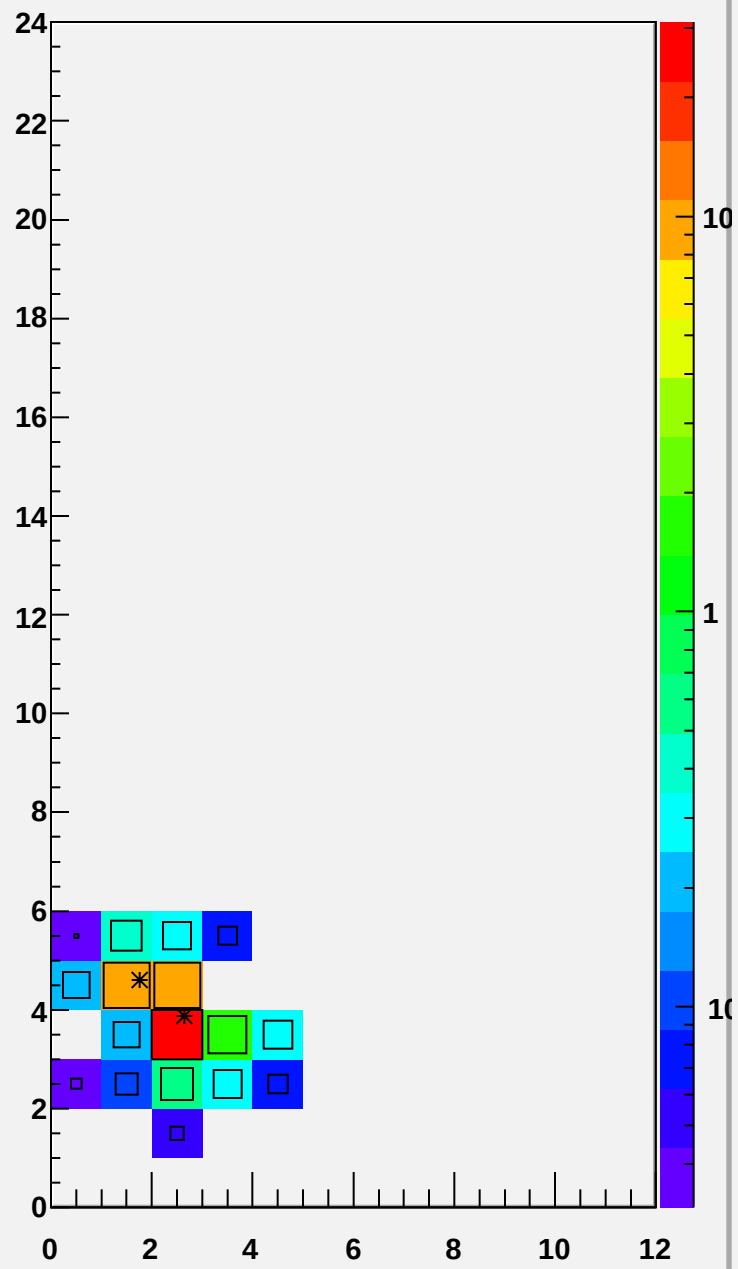
Fitted Energies



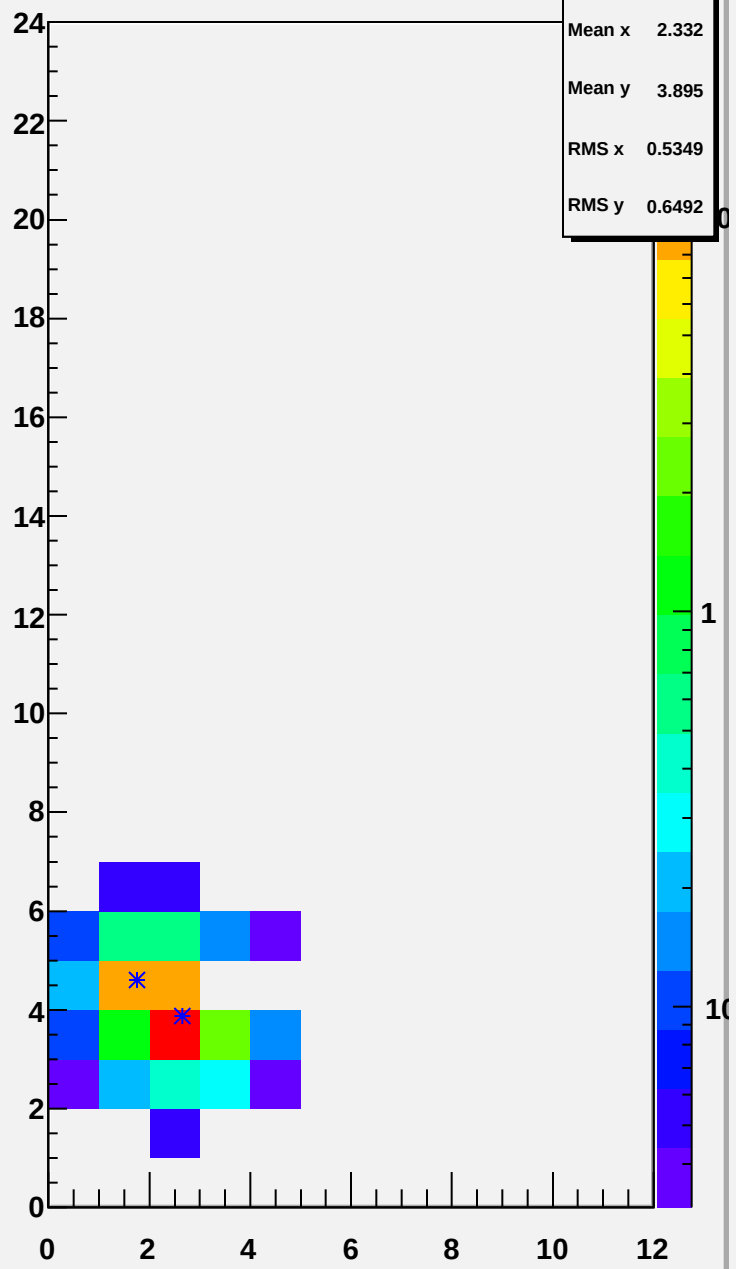
Efit

Entries	288
Mean x	1.855
Mean y	4.769
RMS x	0.6058
RMS y	1.103

NSTB3_r4_c3_En=55.7_m0=0.148 m1=0.147 index=1849



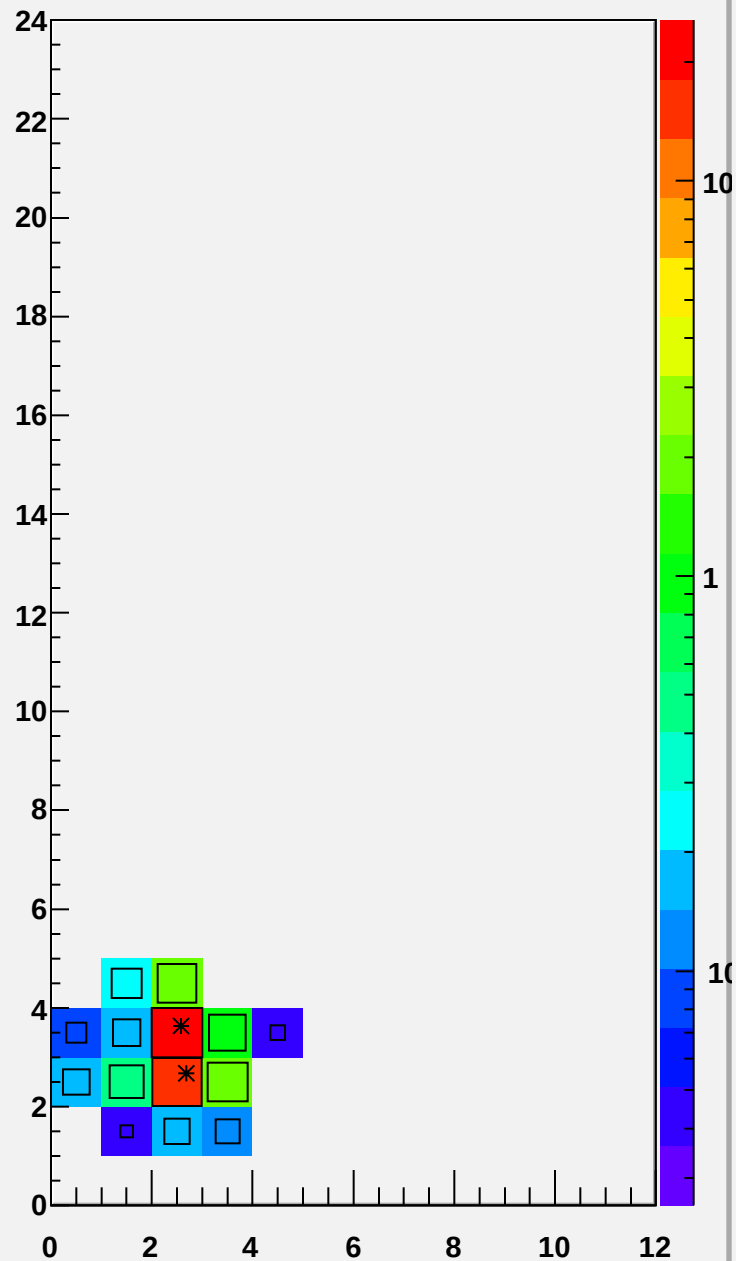
Fitted Energies



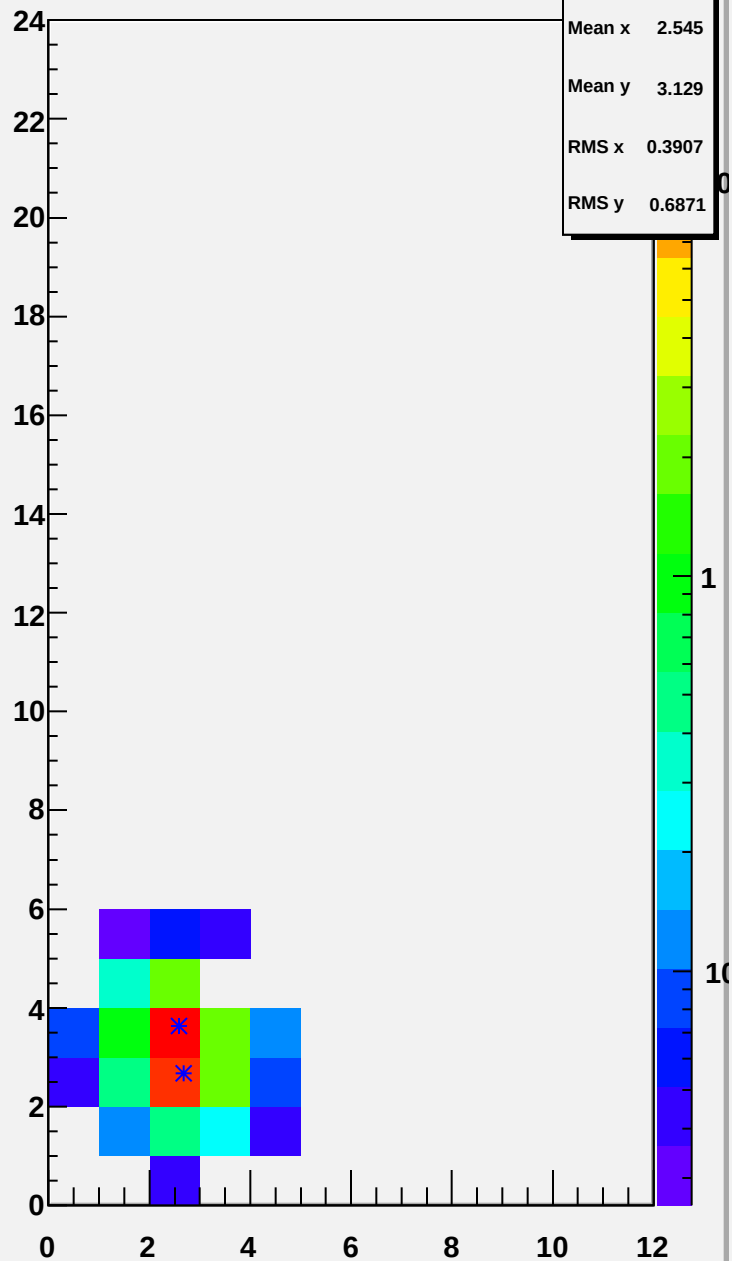
Efit

Entries	288
Mean x	2.332
Mean y	3.895
RMS x	0.5349
RMS y	0.6492

NSTB3_r4_c3_En=49.4_m0=0.131 m1=0.131 index=1851



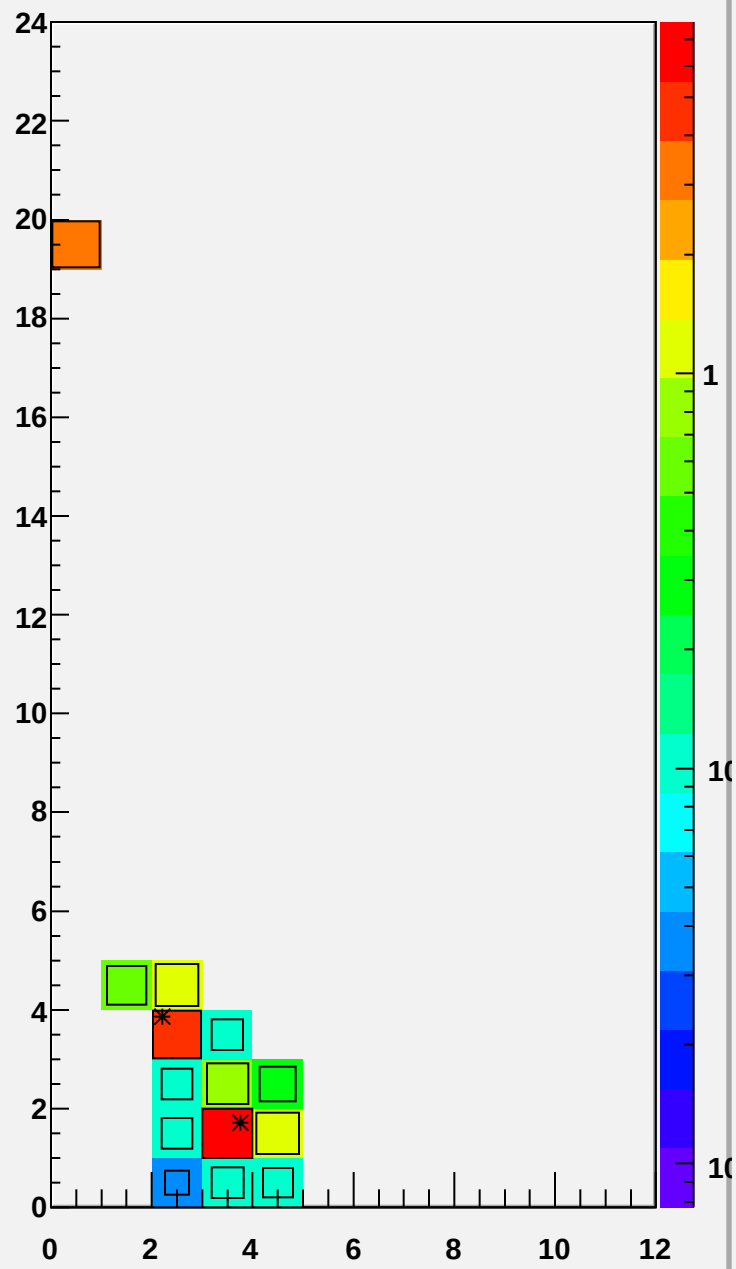
Fitted Energies



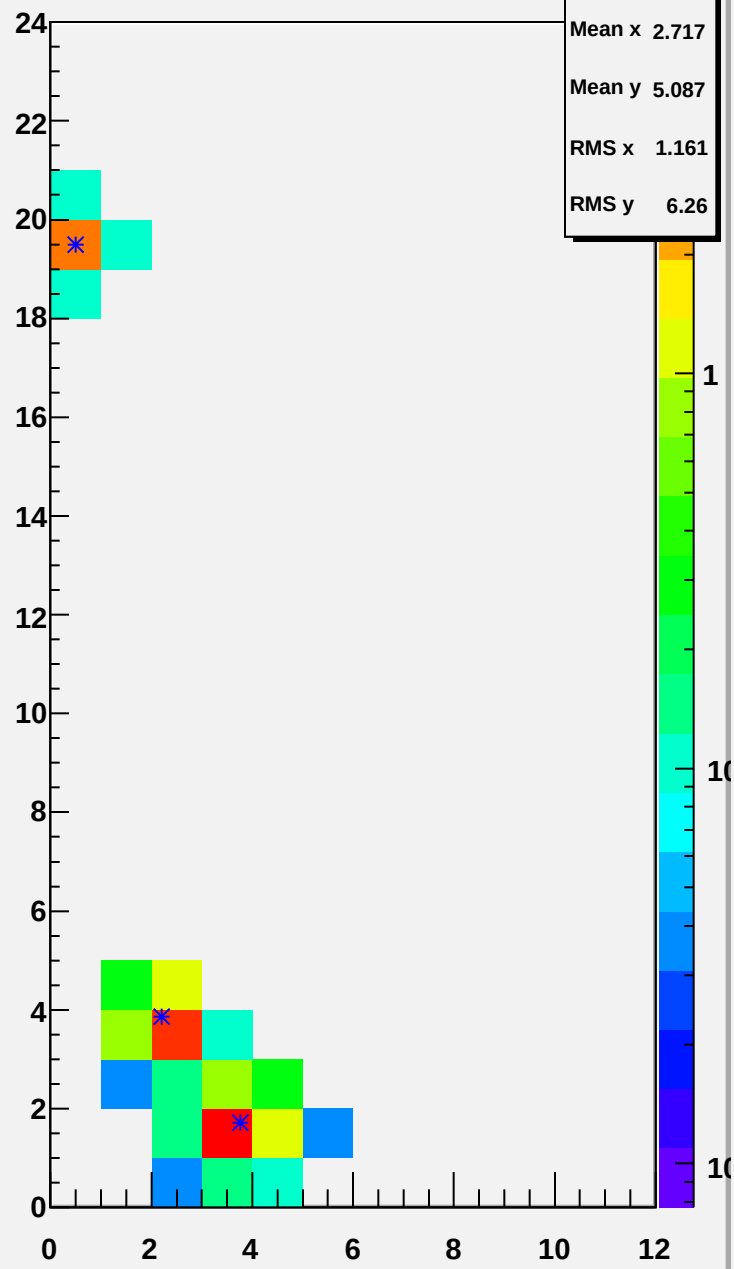
Efit

Entries	288
Mean x	2.545
Mean y	3.129
RMS x	0.3907
RMS y	0.6871

NSTB3_r4_c3_En=20.1_m0=0.127 m1=0.127 index=1852



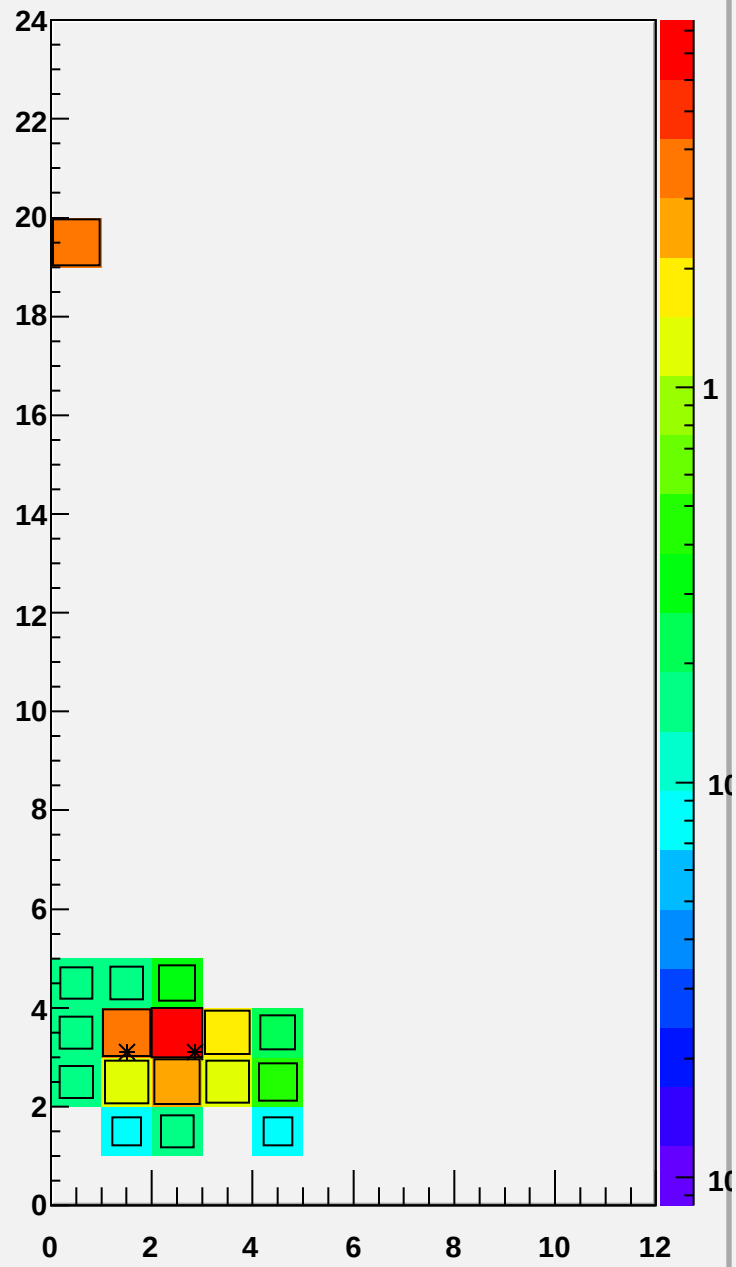
Fitted Energies



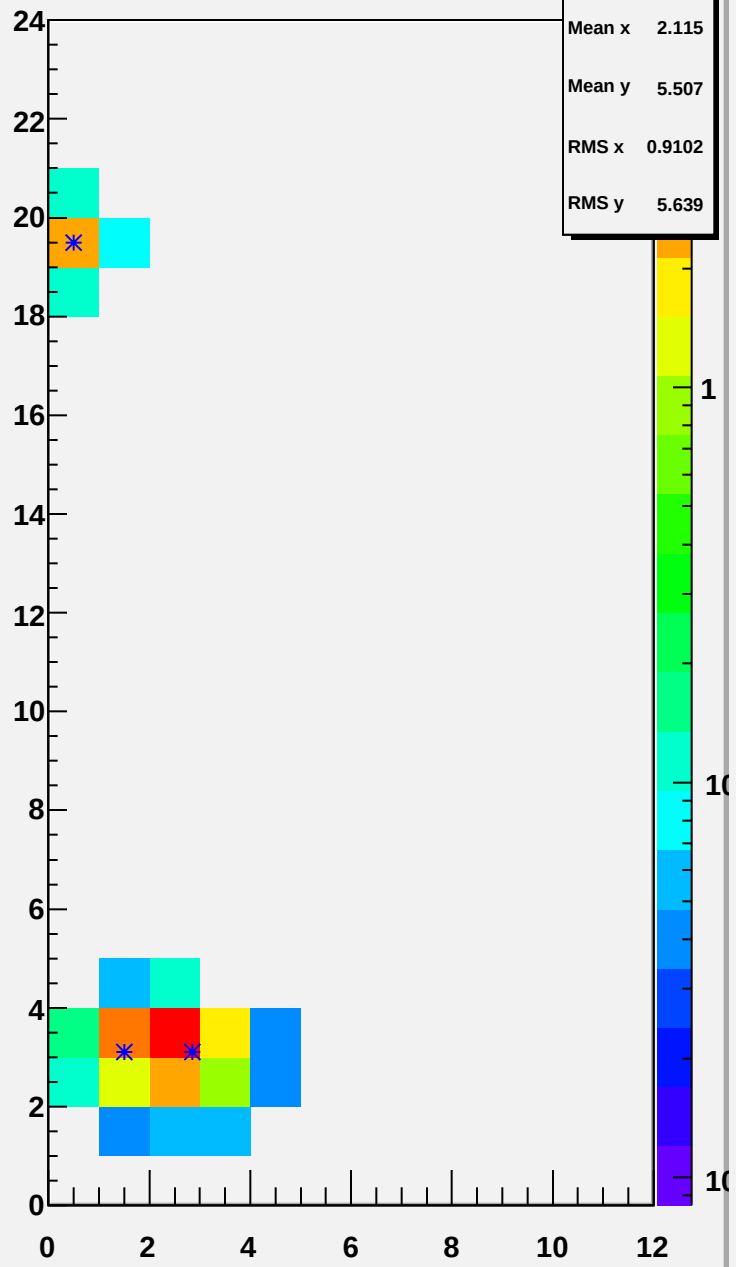
Efit

Entries 288
Mean x 2.717
Mean y 5.087
RMS x 1.161
RMS y 6.26

NSTB3_r4_c3_En=24.3_m0=0.067 m1=0.067 index=1853



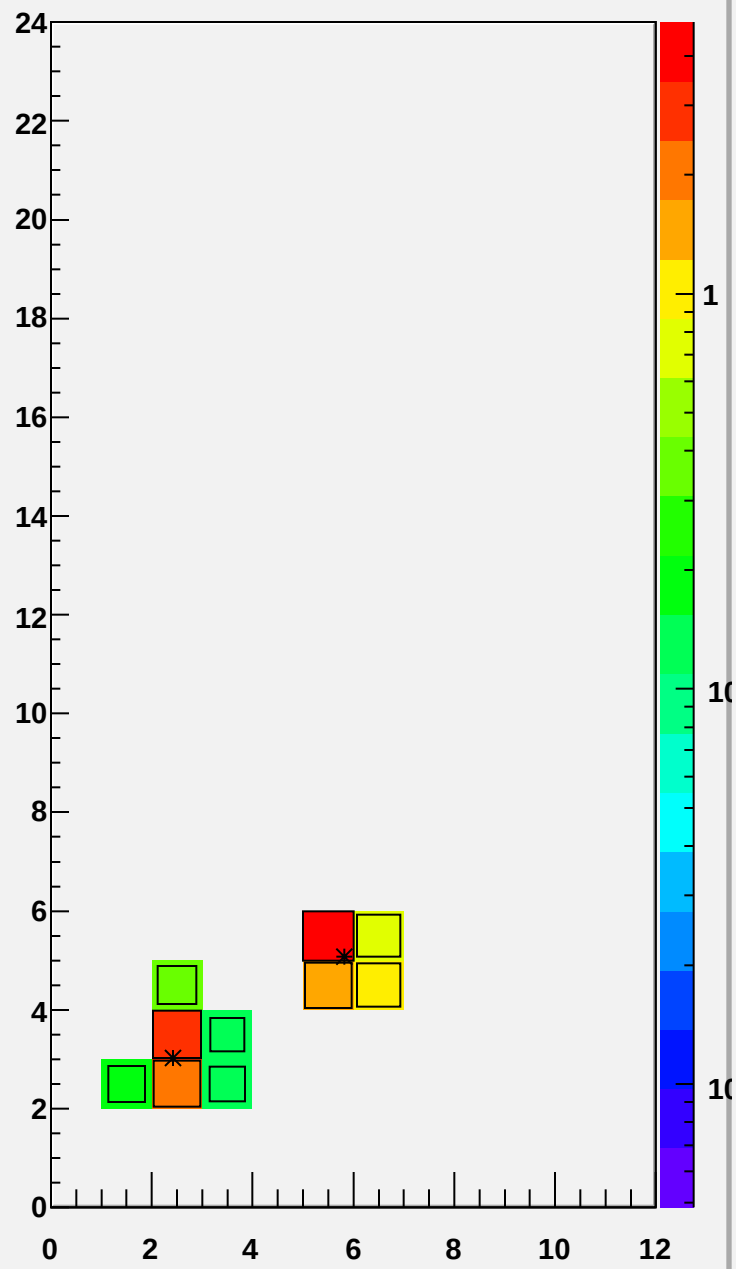
Fitted Energies



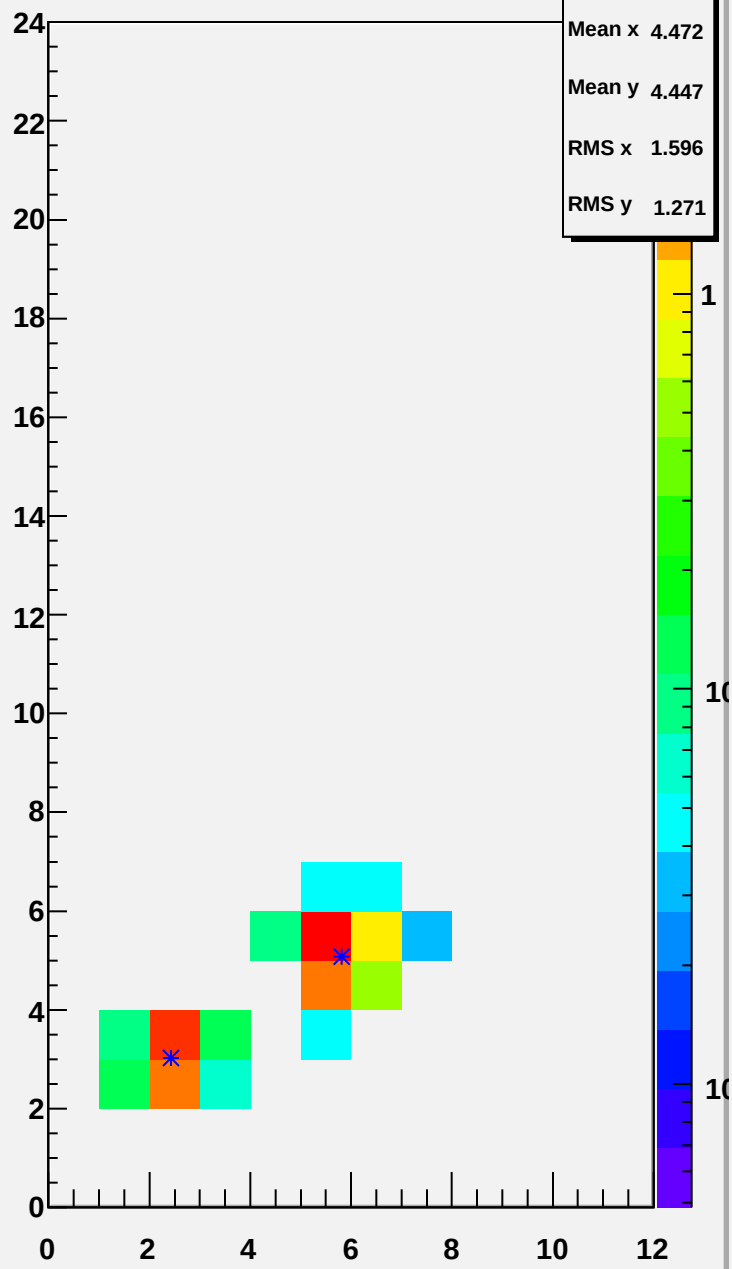
Efit

Entries	288
Mean x	2.115
Mean y	5.507
RMS x	0.9102
RMS y	5.639

NSTB3_r4_c3_En=13.5_m0=0.148 m1=0.148 index=1854



Fitted Energies



Efit

Entries 288

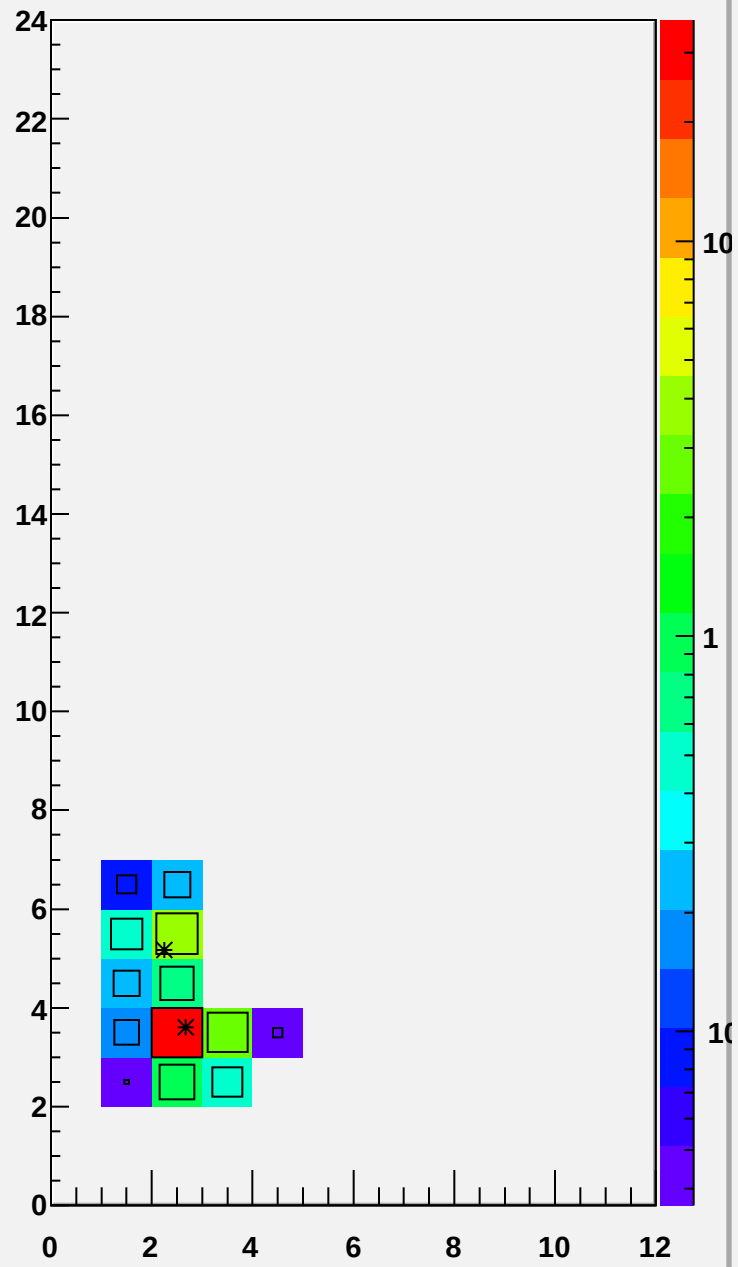
Mean x 4.472

Mean y 4.447

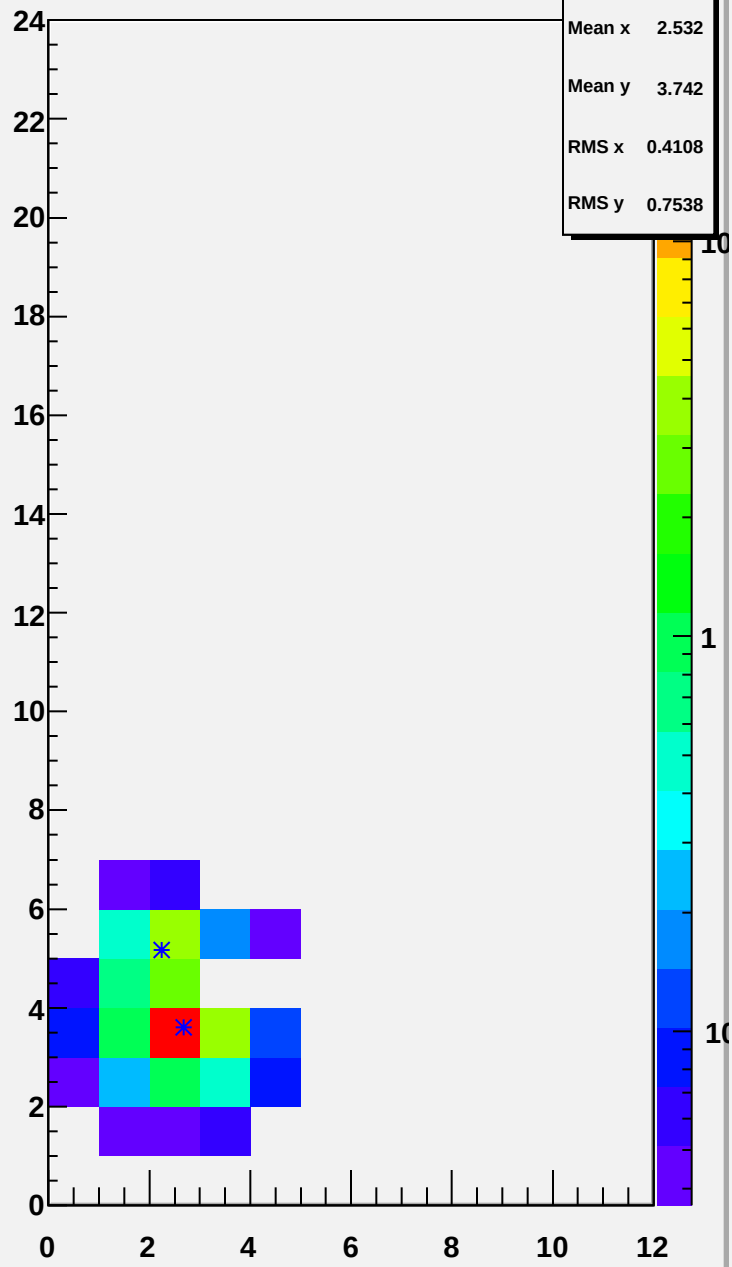
RMS x 1.596

RMS y 1.271

NSTB3_r4_c3_En=46.8_m0=0.147 m1=0.147 index=1855



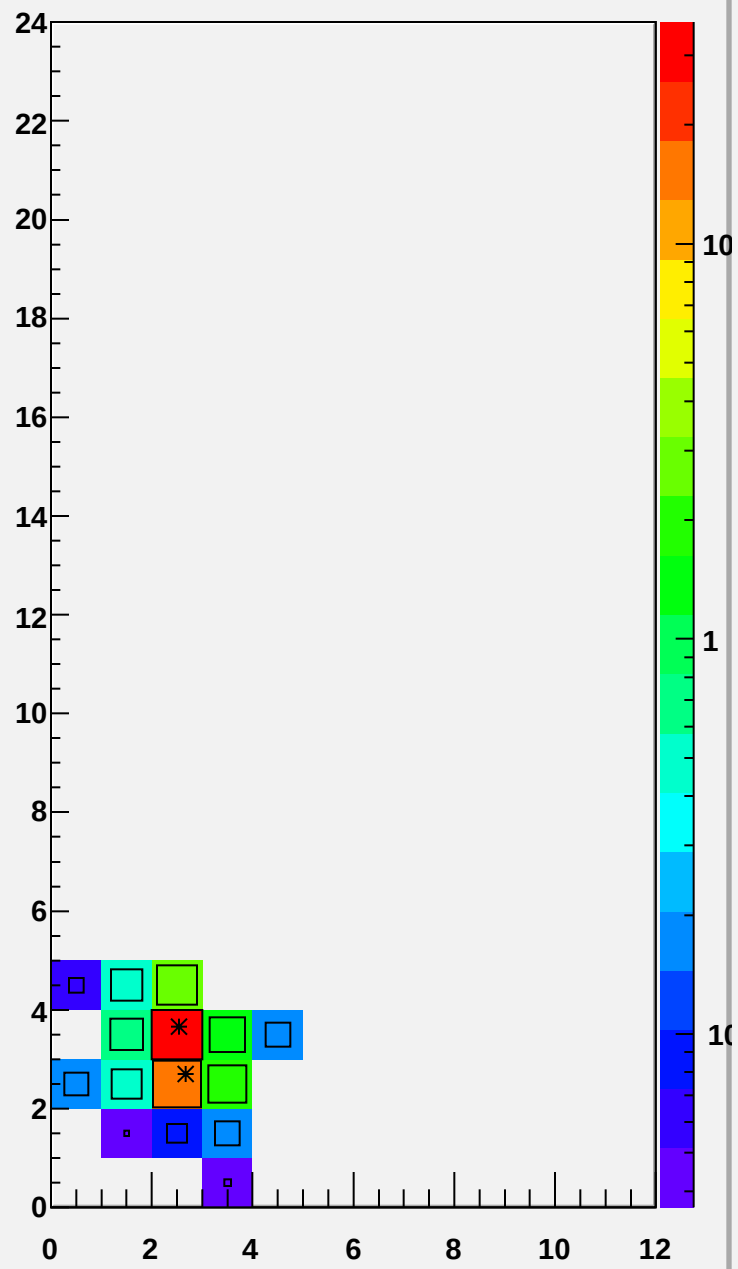
Fitted Energies



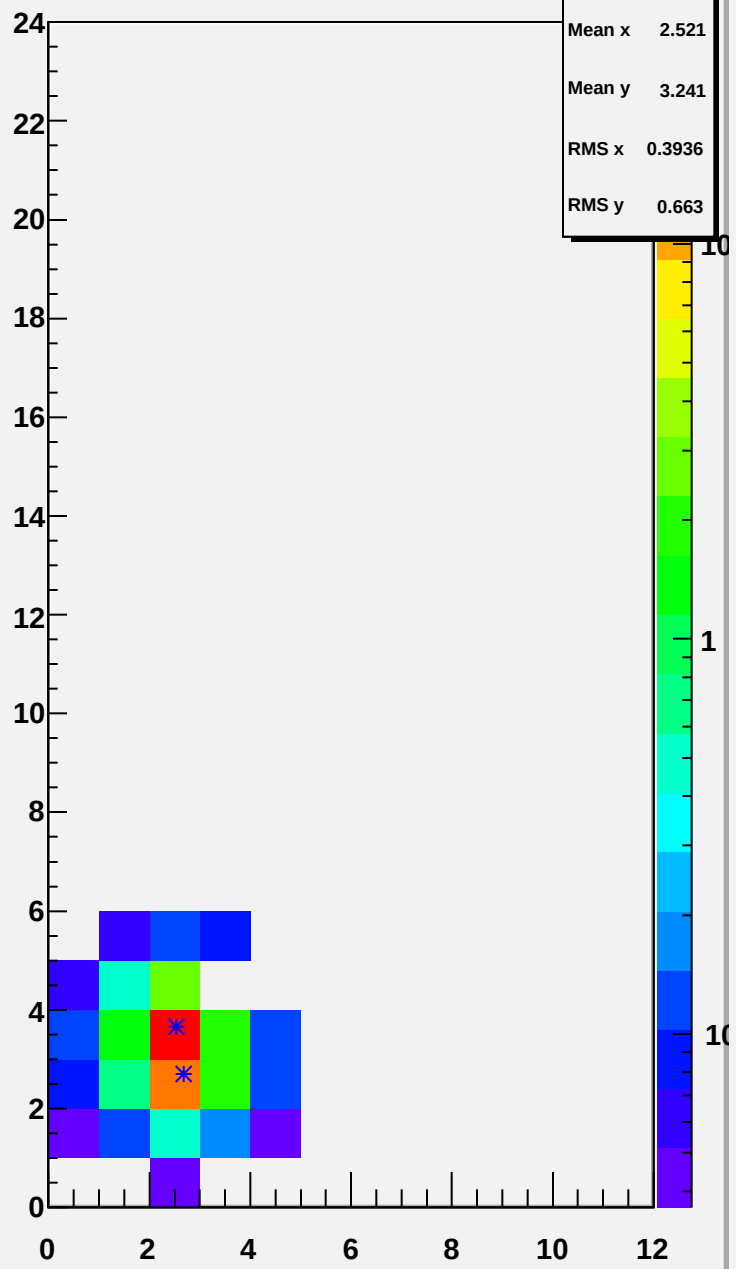
Efit

Entries	288
Mean x	2.532
Mean y	3.742
RMS x	0.4108
RMS y	0.7538

NSTB3_r4_c3_En=61.5_m0=0.156 m1=0.156 index=1856



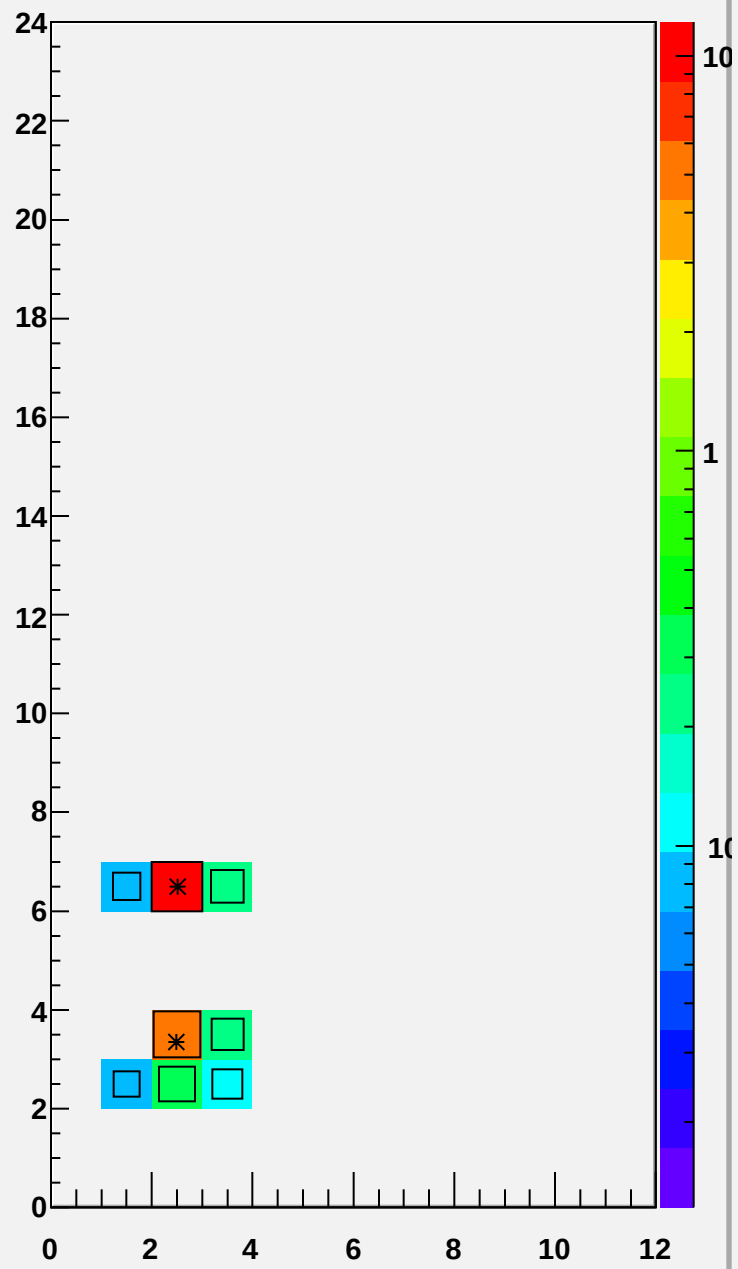
Fitted Energies



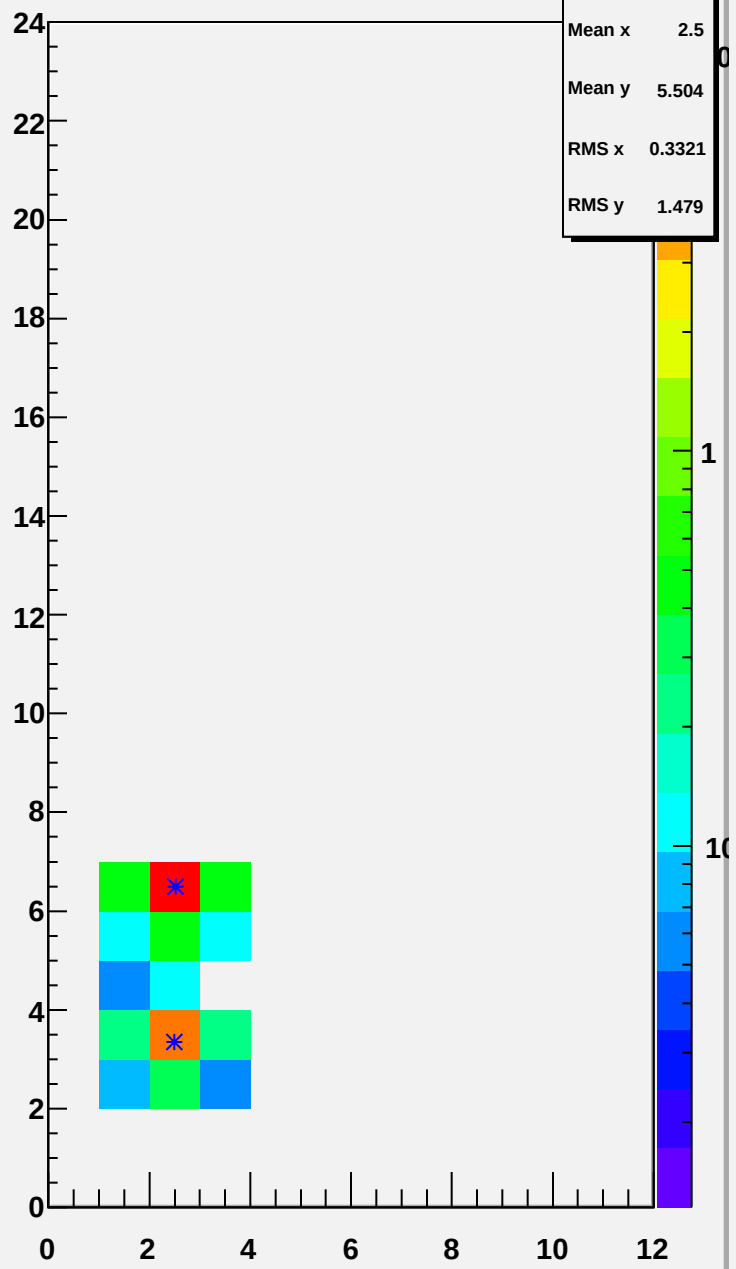
Efit

Entries	288
Mean x	2.521
Mean y	3.241
RMS x	0.3936
RMS y	0.663

NSTB3_r4_c3_En=18.3_m0=0.161 m1=0.161 index=1860



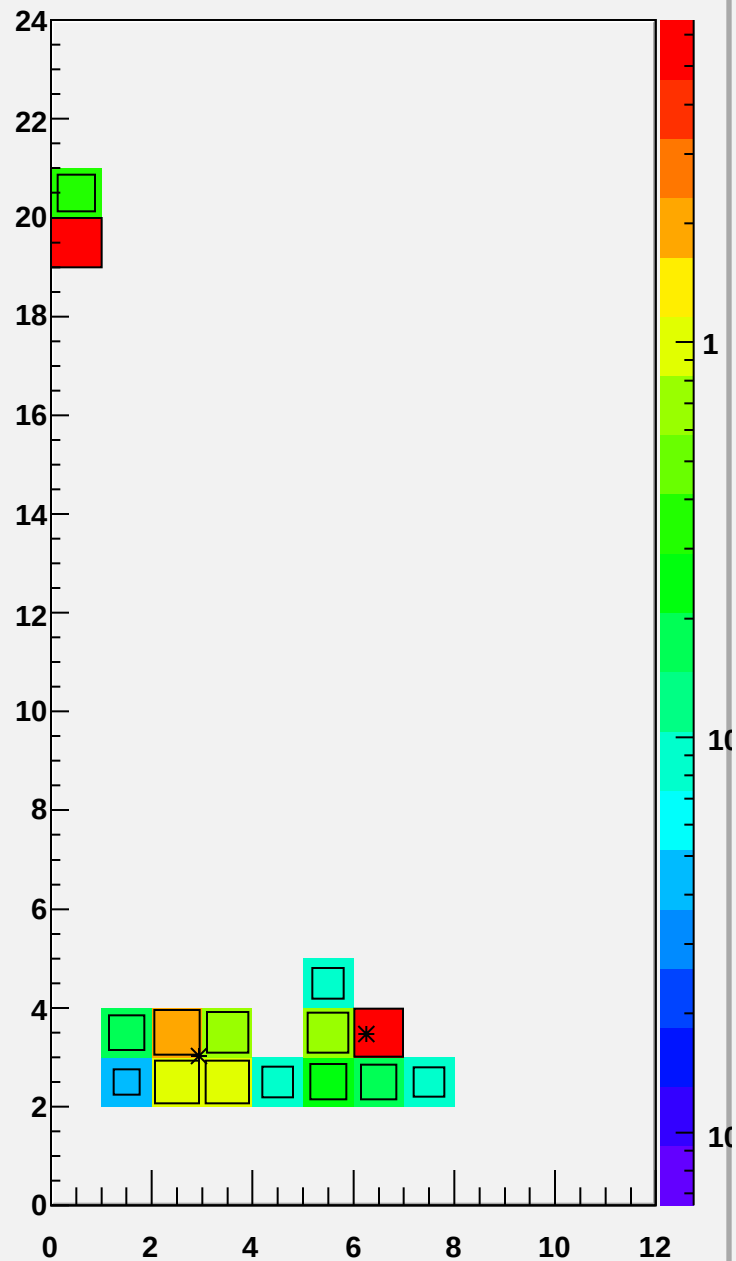
Fitted Energies



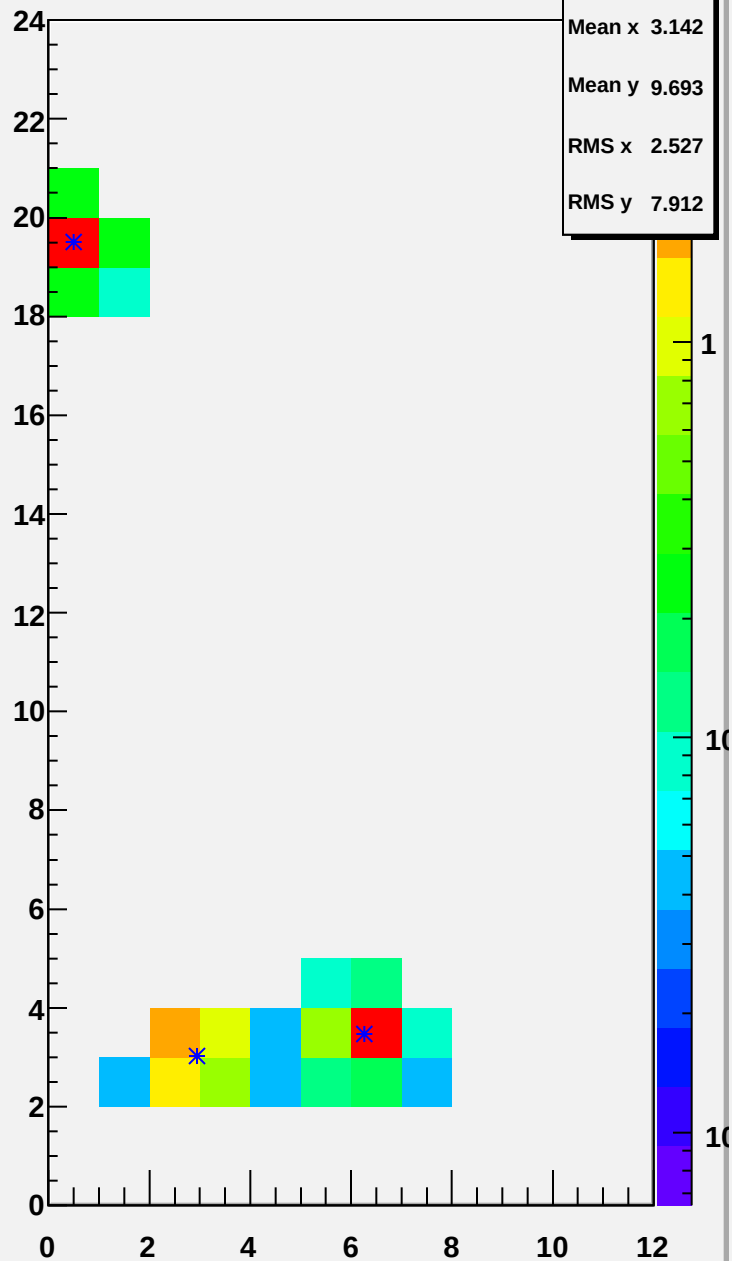
Efit

Entries	288
Mean x	2.5
Mean y	5.504
RMS x	0.3321
RMS y	1.479

NSTB3_r4_c3_En=17.8_m0=0.101 m1=0.101 index=1861



Fitted Energies



Efit

Entries 288

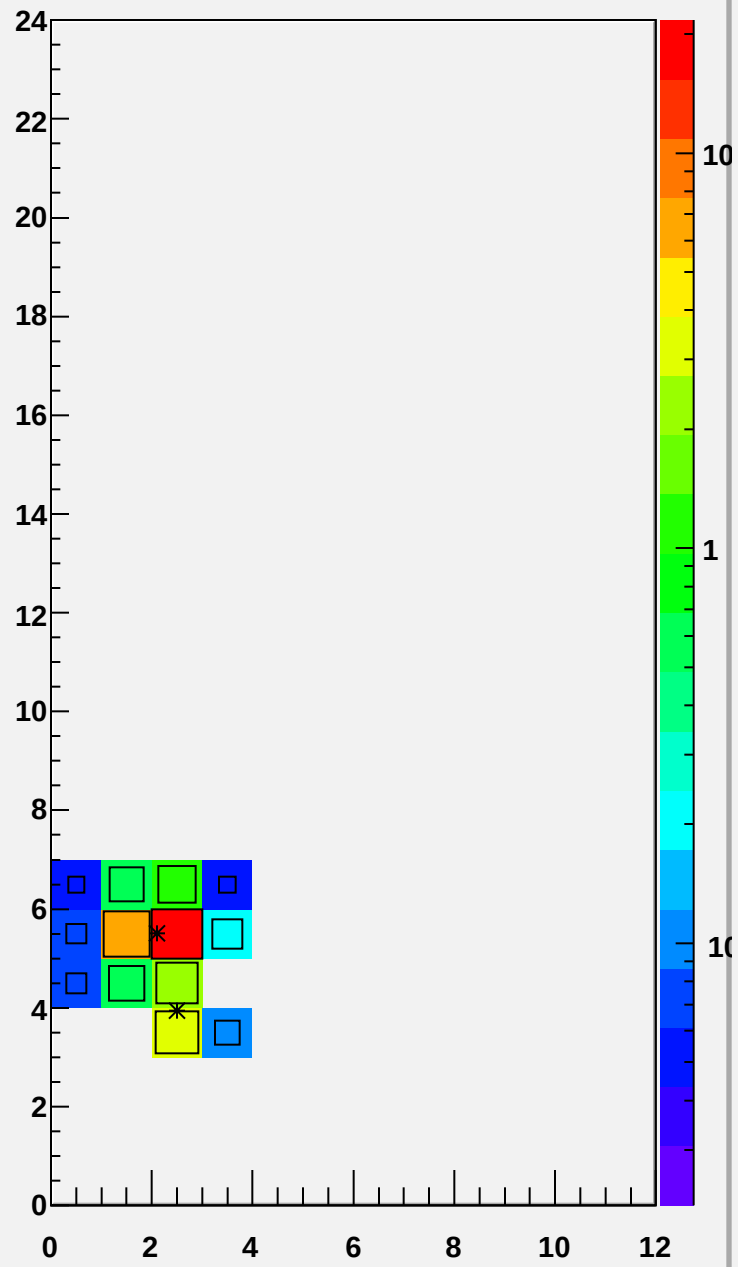
Mean x 3.142

Mean y 9.693

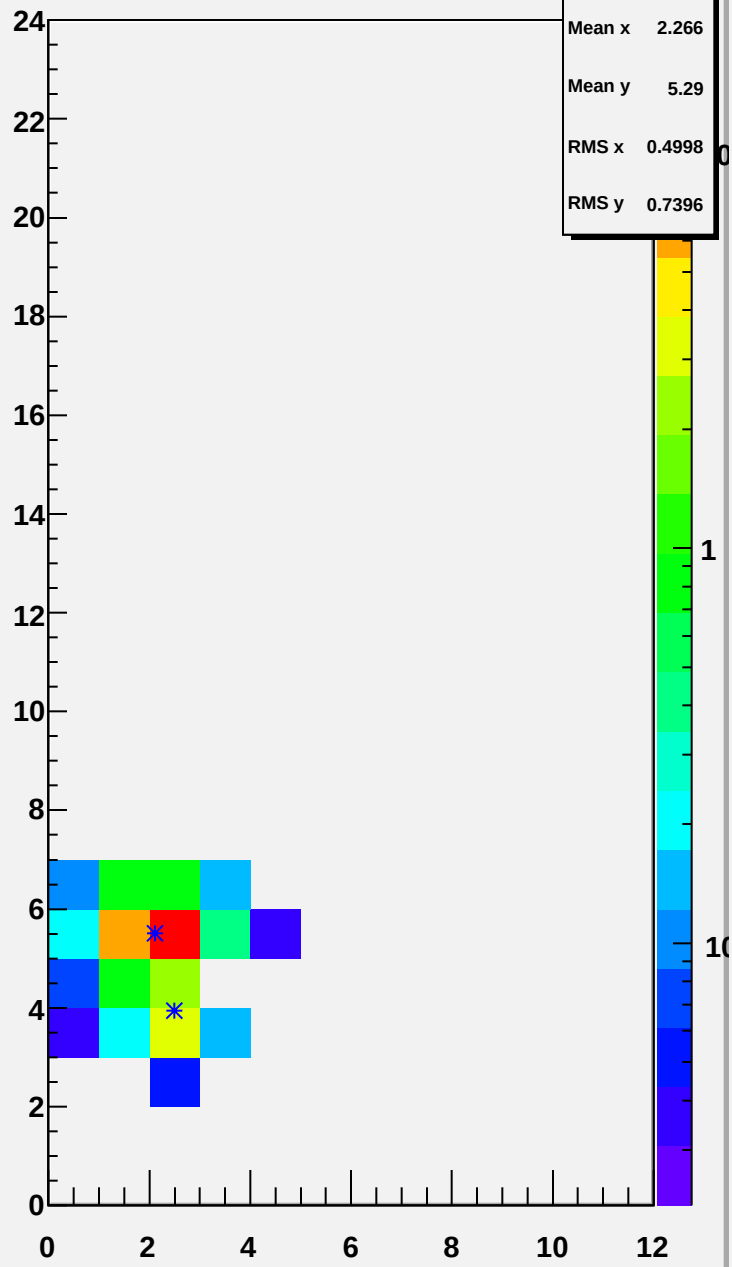
RMS x 2.527

RMS y 7.912

NSTB3_r4_c3_En=37.3_m0=0.116 m1=0.117 index=1862



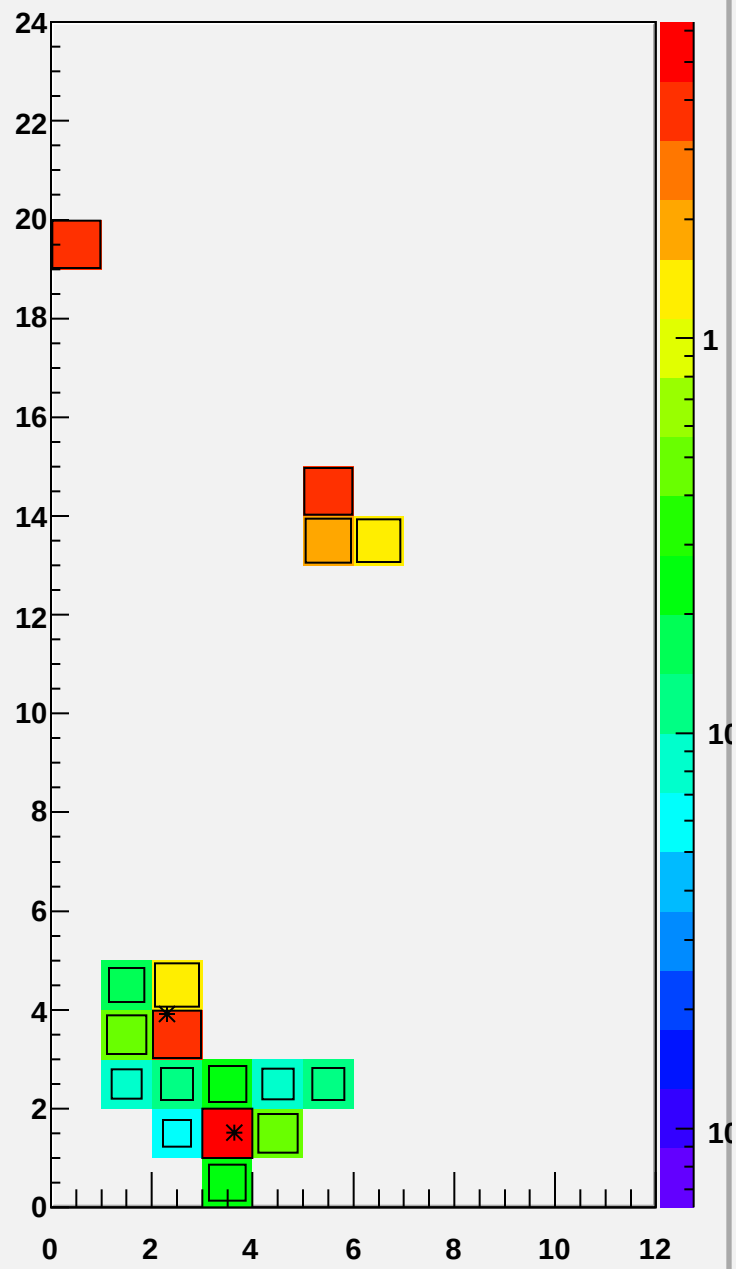
Fitted Energies



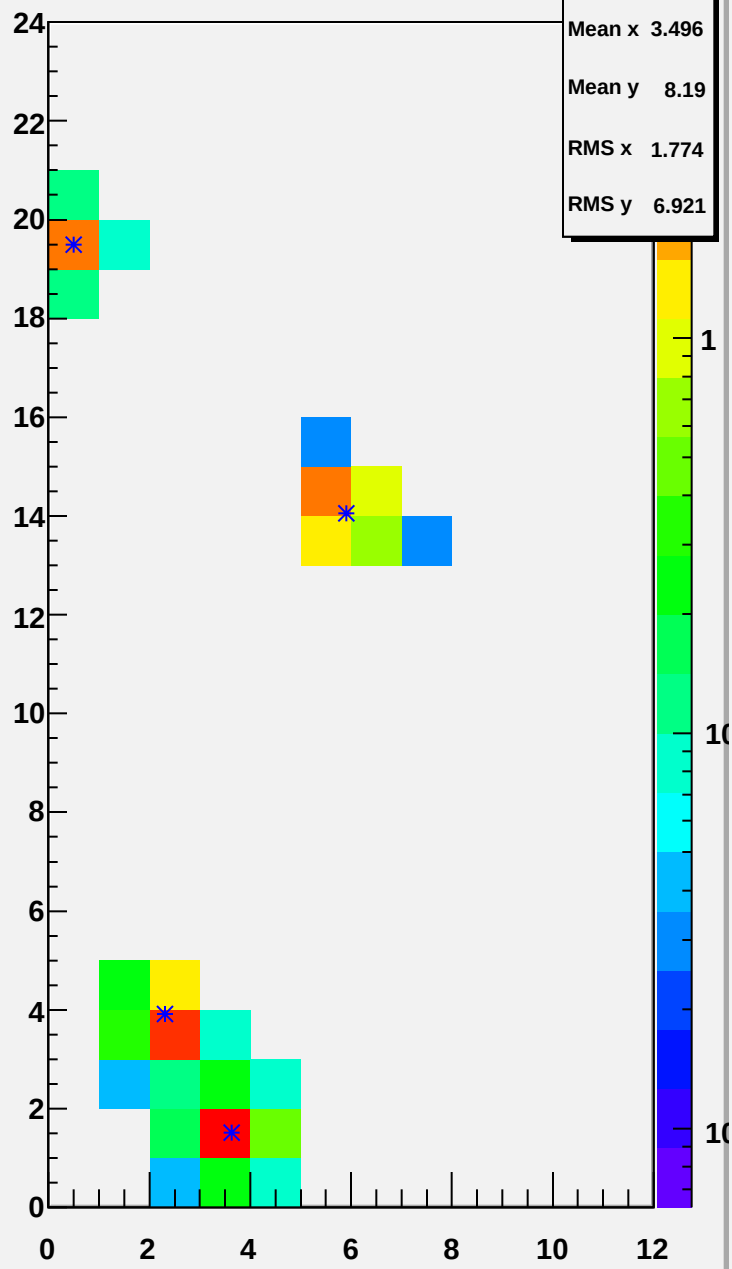
Efit

Entries	288
Mean x	2.266
Mean y	5.29
RMS x	0.4998
RMS y	0.7396

NSTB3_r4_c3_En=22.5_m0=0.101 m1=0.101 index=1863



Fitted Energies



Efit

Entries 288

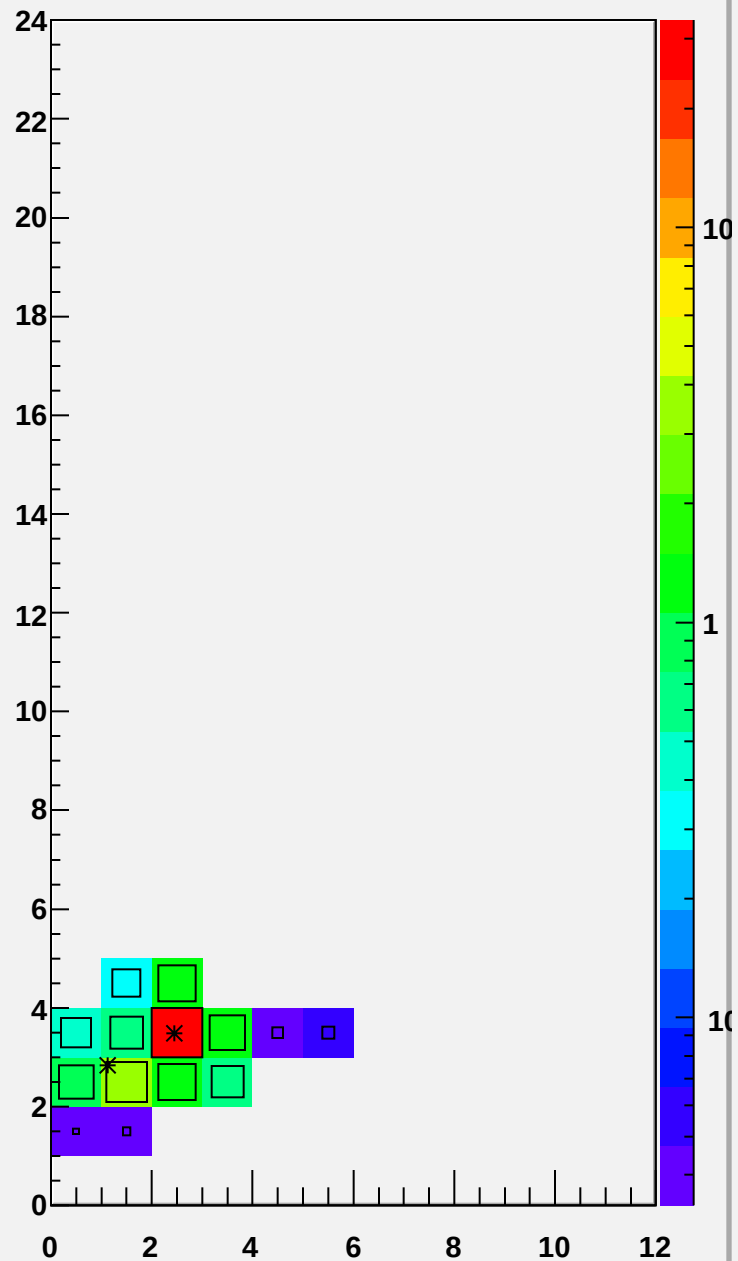
Mean x 3.496

Mean y 8.19

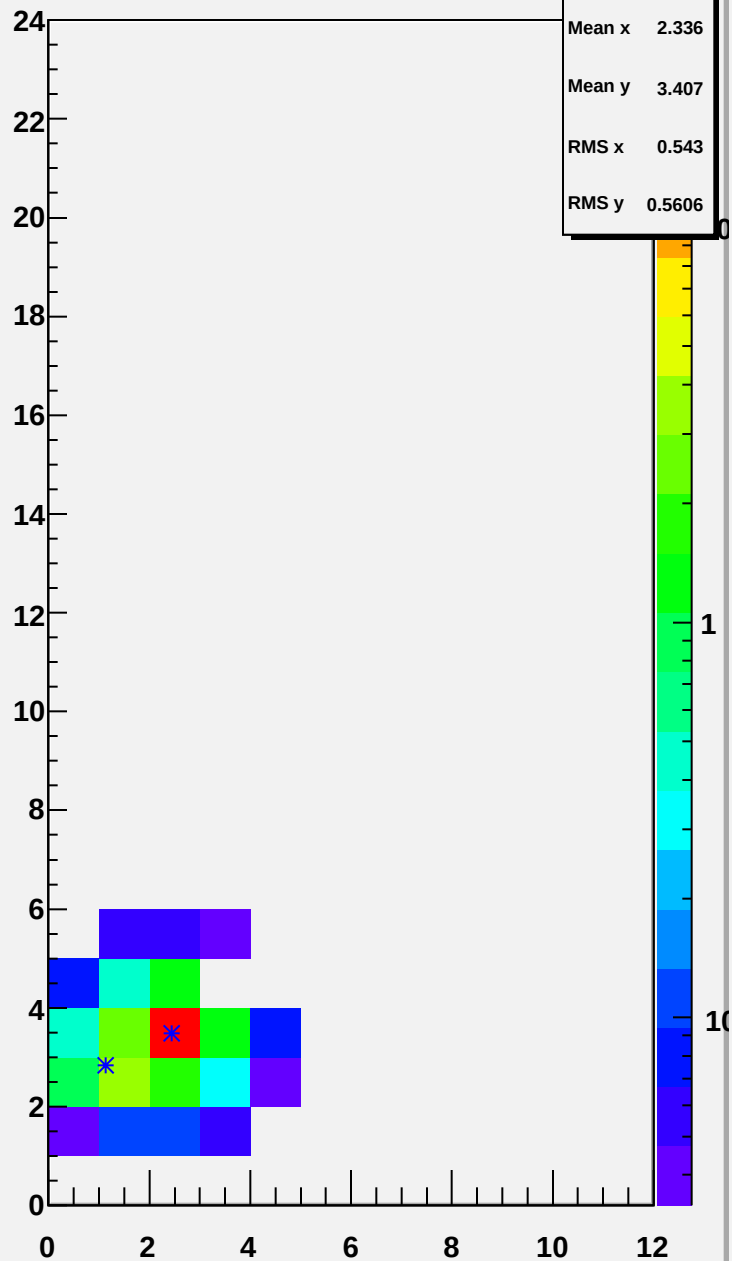
RMS x 1.774

RMS y 6.921

NSTB3_r4_c3_En=43.2_m0=0.117 m1=0.117 index=1864



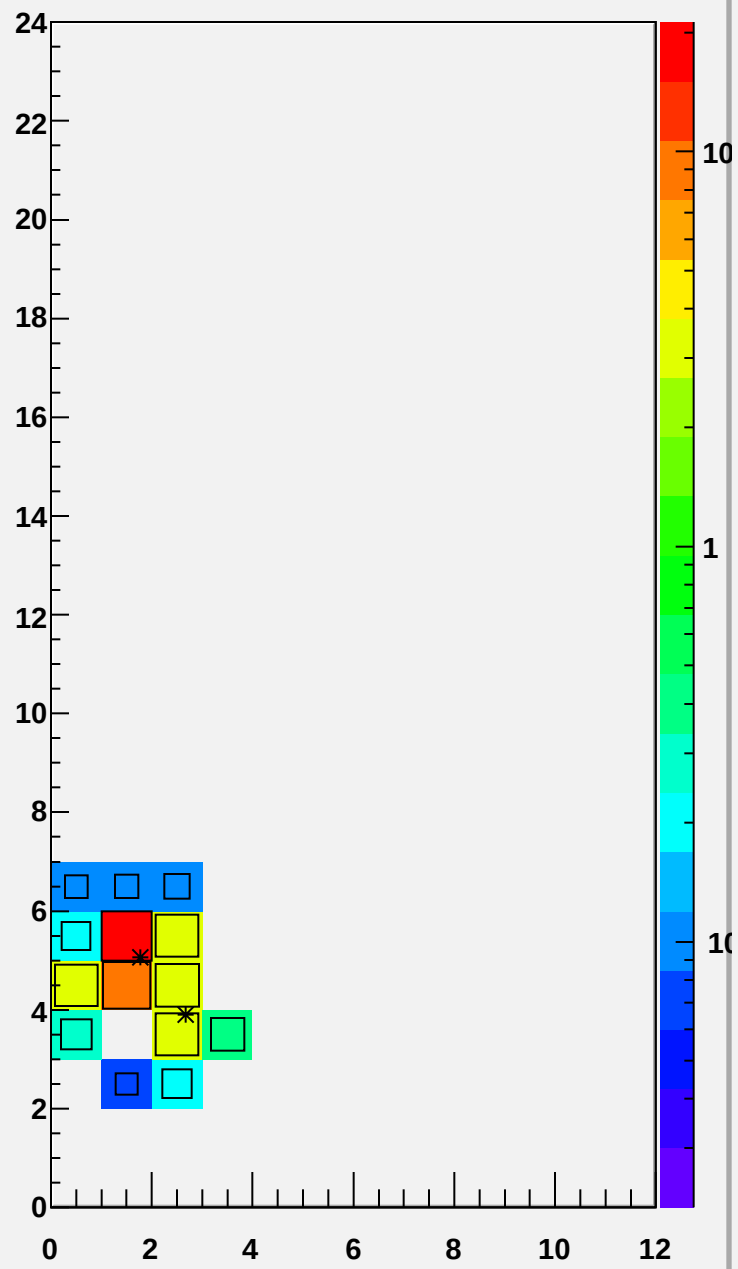
Fitted Energies



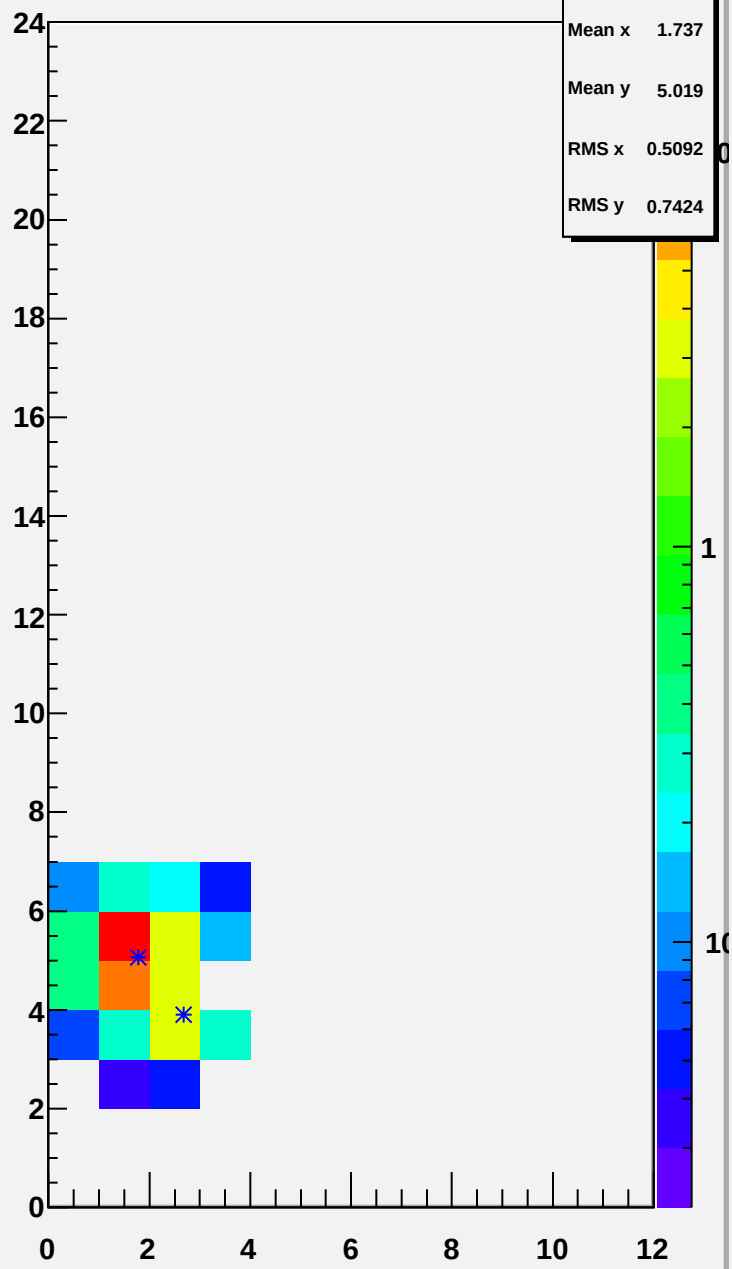
Efit

Entries	288
Mean x	2.336
Mean y	3.407
RMS x	0.543
RMS y	0.5606

NSTB3_r4_c3_En=45.5_m0=0.112 m1=0.112 index=1865



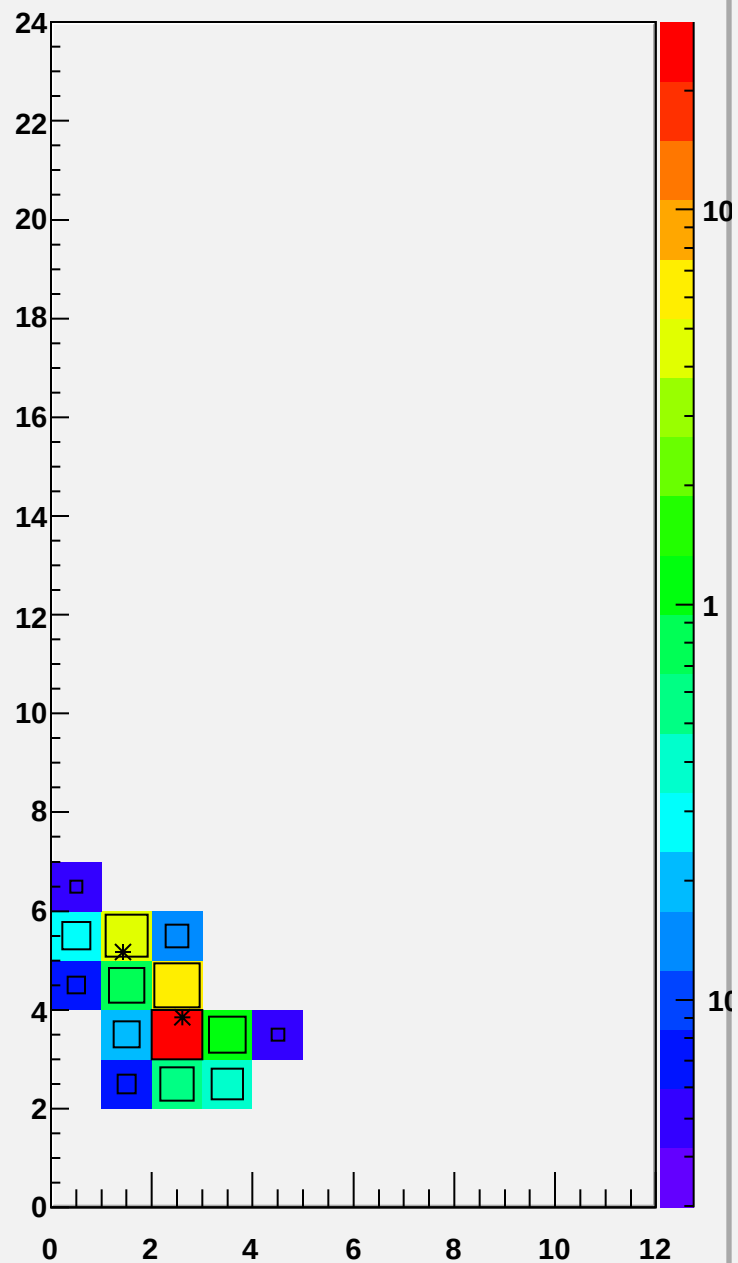
Fitted Energies



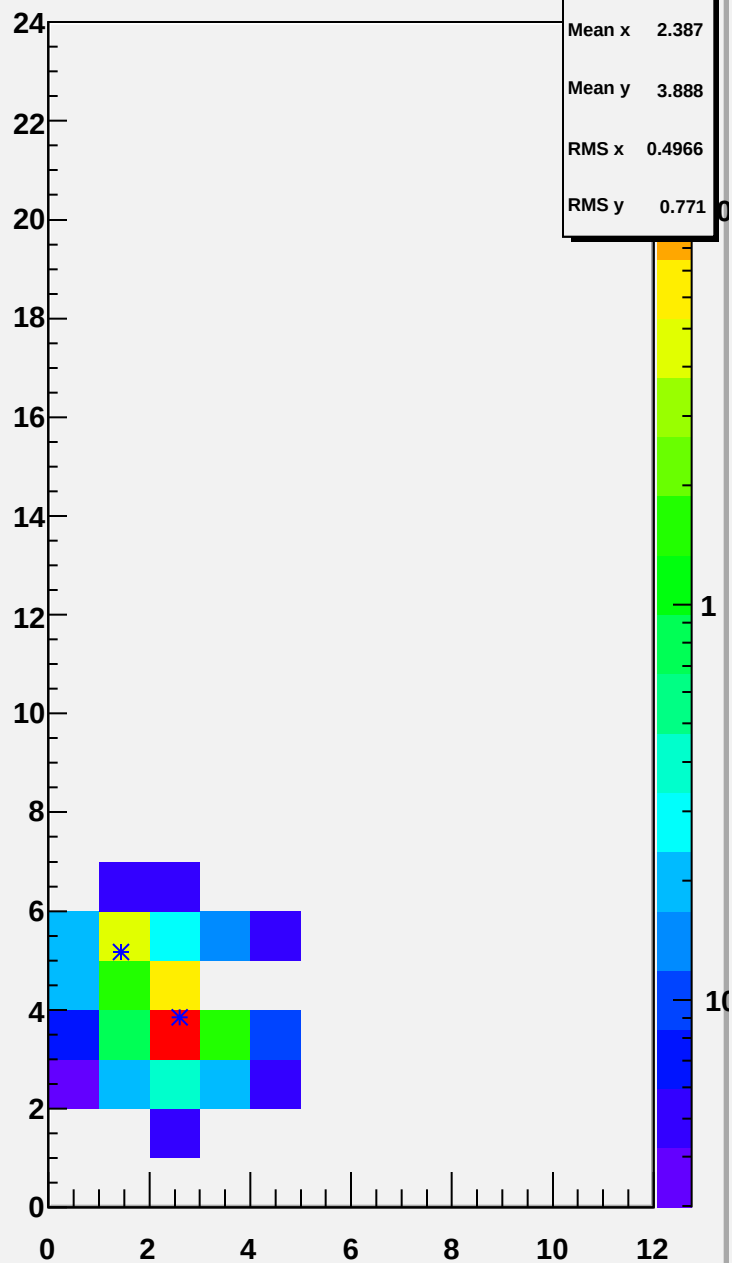
Efit

Entries	288
Mean x	1.737
Mean y	5.019
RMS x	0.5092
RMS y	0.7424

NSTB3_r4_c3_En=44.8_m0=0.148 m1=0.149 index=1866



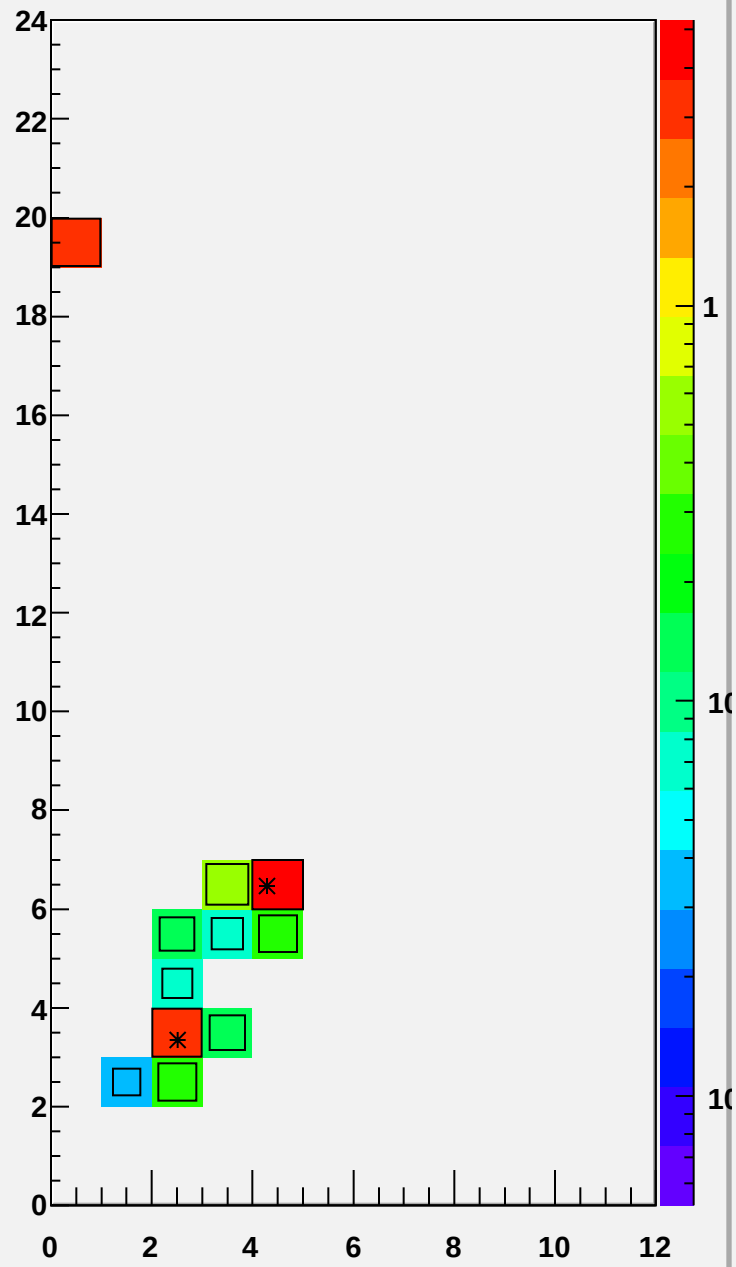
Fitted Energies



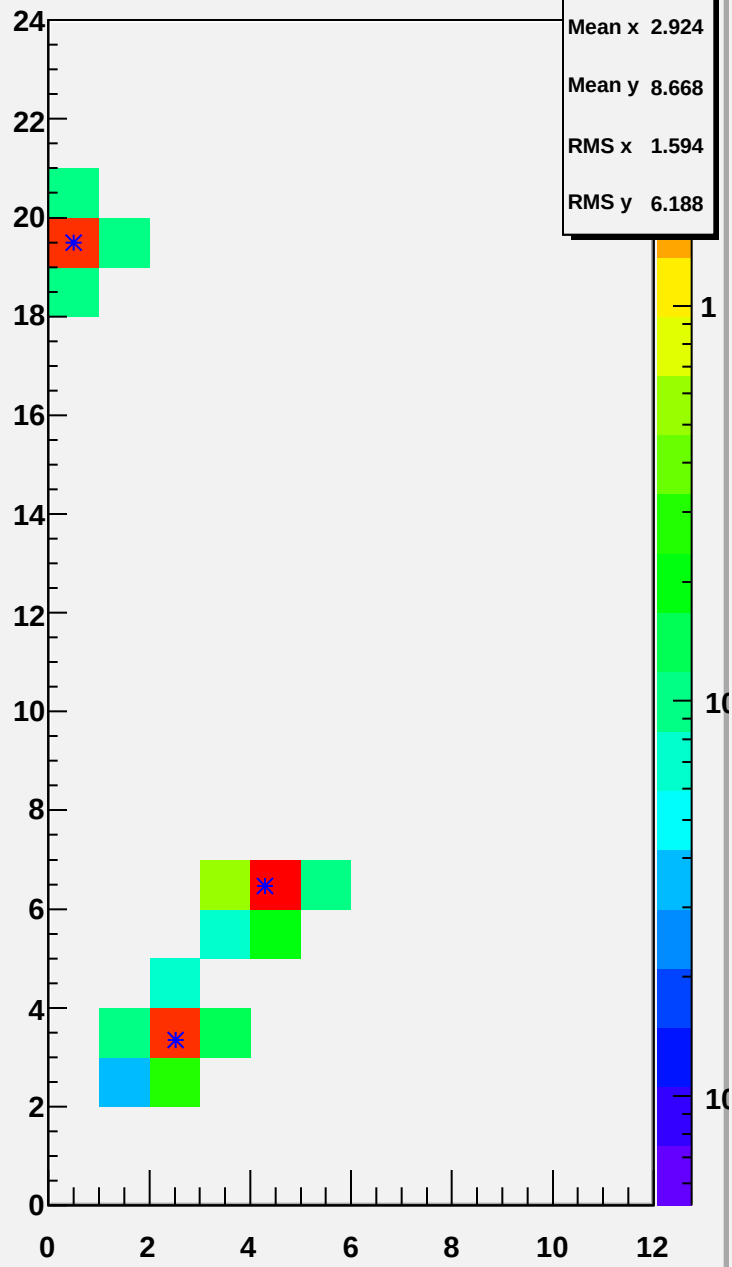
Efit

Entries	288
Mean x	2.387
Mean y	3.888
RMS x	0.4966
RMS y	0.7710

NSTB3_r4_c3_En=13.5_m0=0.106 m1=0.106 index=1867



Fitted Energies



Efit

Entries 288

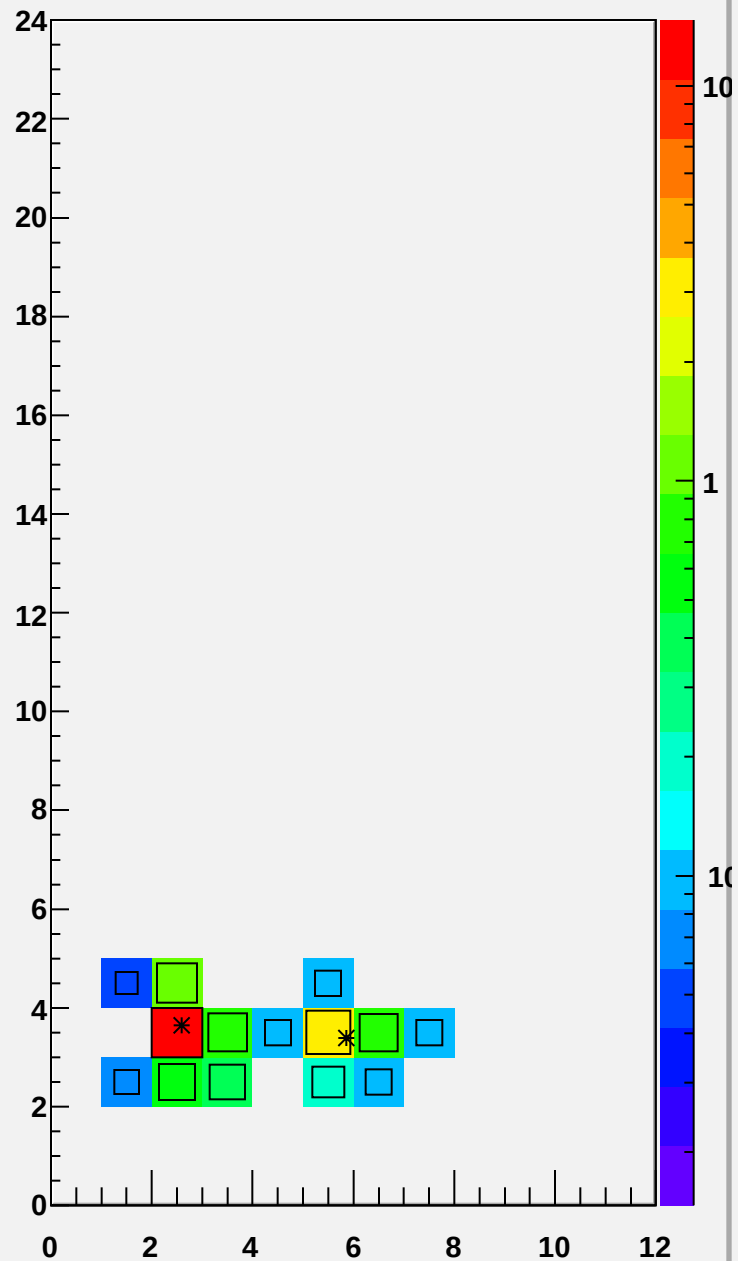
Mean x 2.924

Mean y 8.668

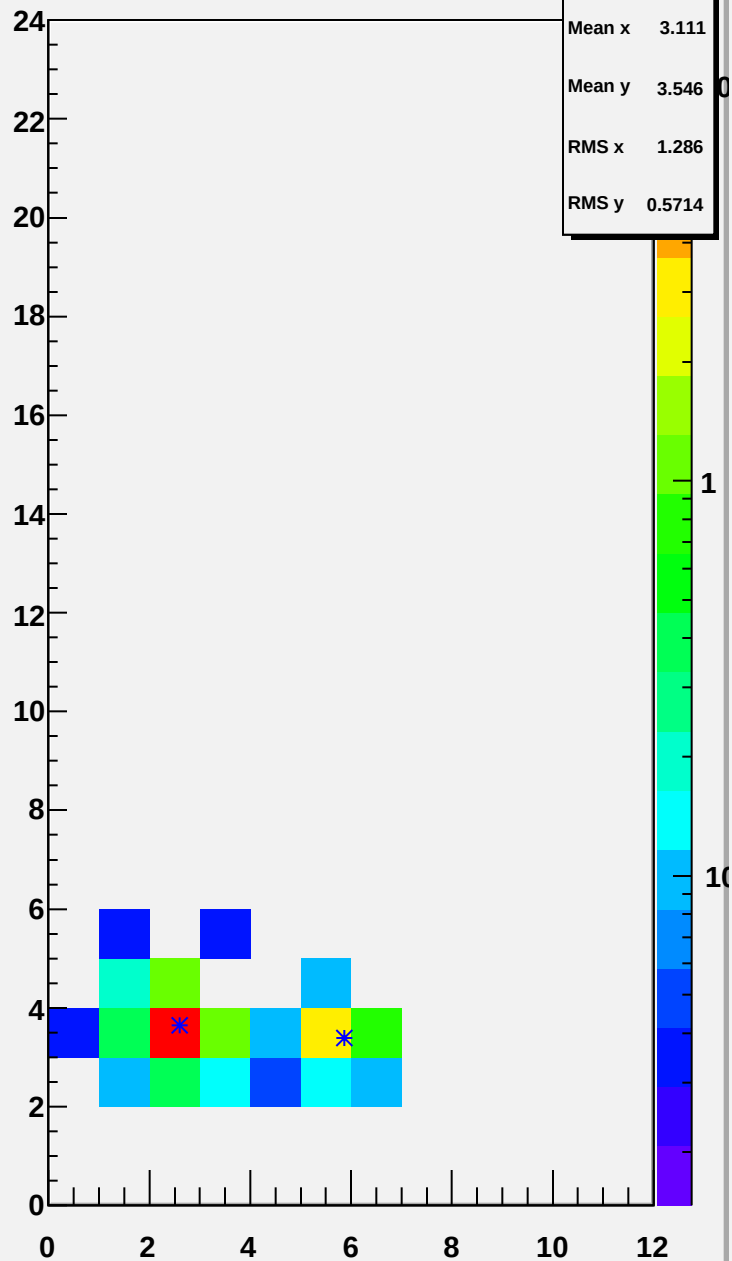
RMS x 1.594

RMS y 6.188

NSTB3_r4_c3_En=22.1_m0=0.159 m1=0.159 index=1868



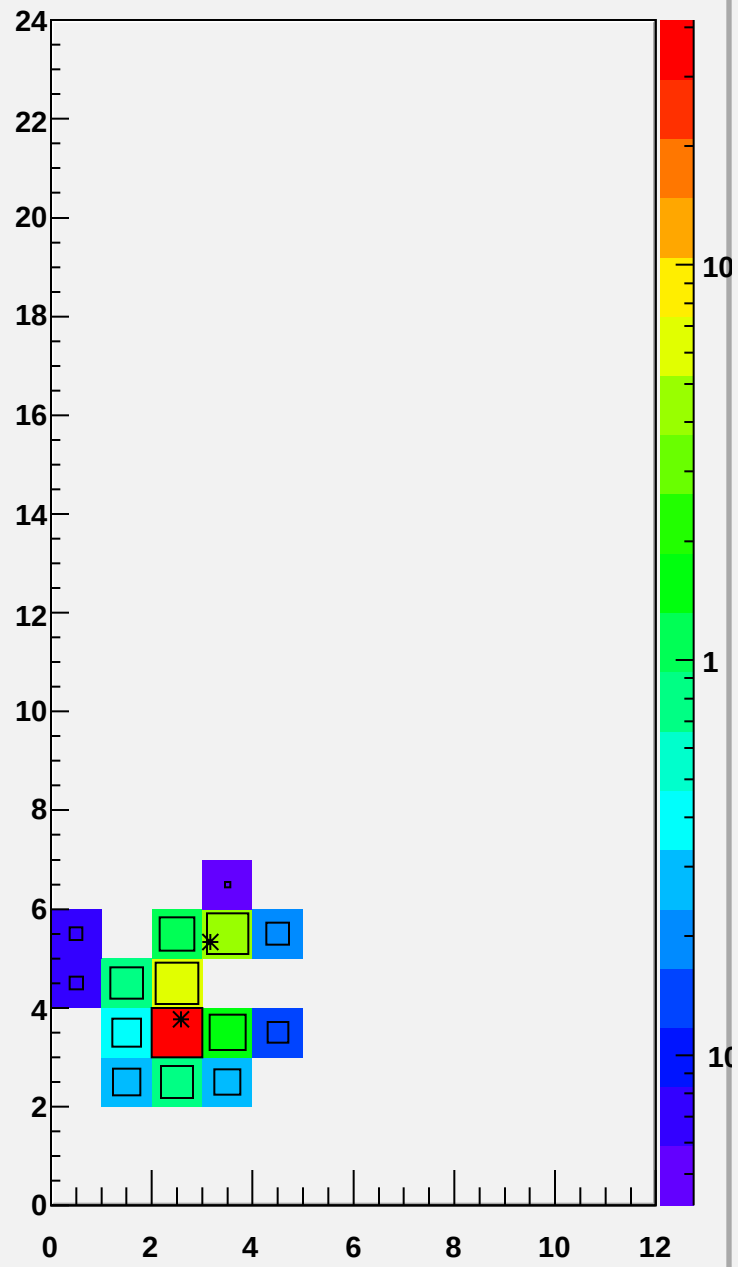
Fitted Energies



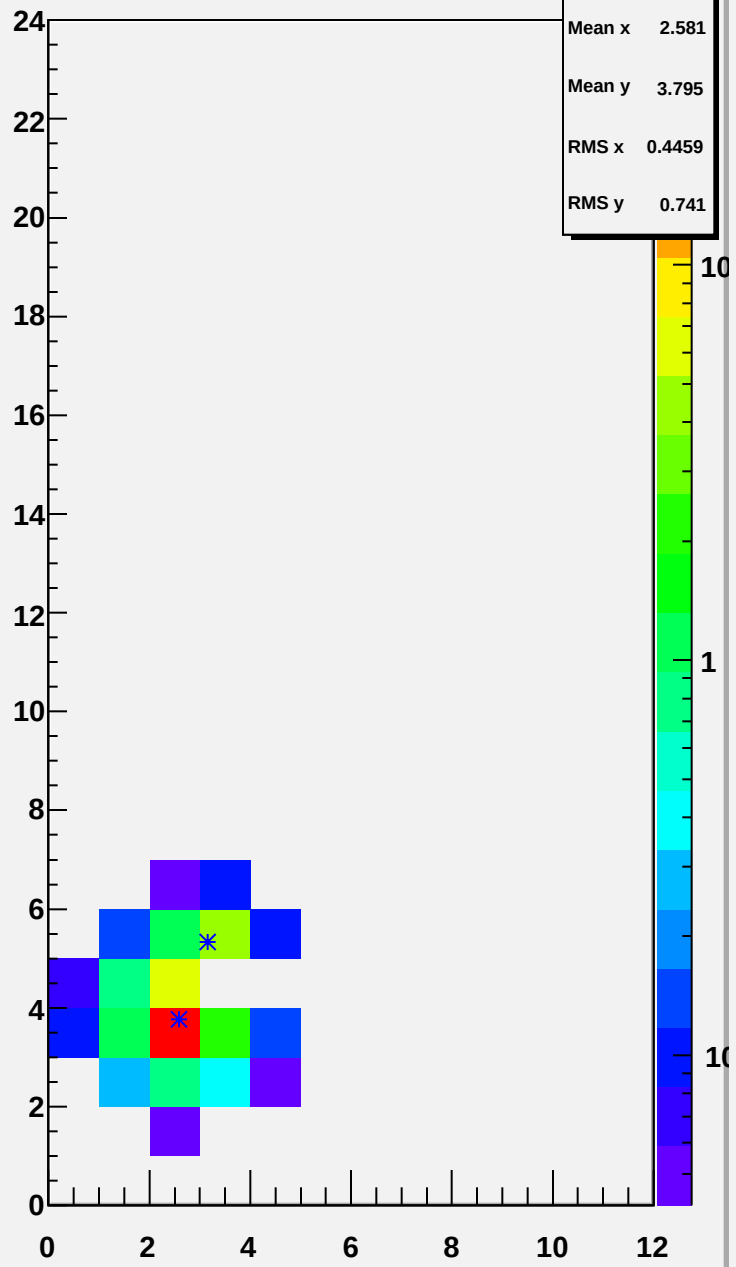
Efit

Entries	288
Mean x	3.111
Mean y	3.546
RMS x	1.286
RMS y	0.5714

NSTB3_r4_c3_En=56.9_m0=0.167 m1=0.167 index=1869



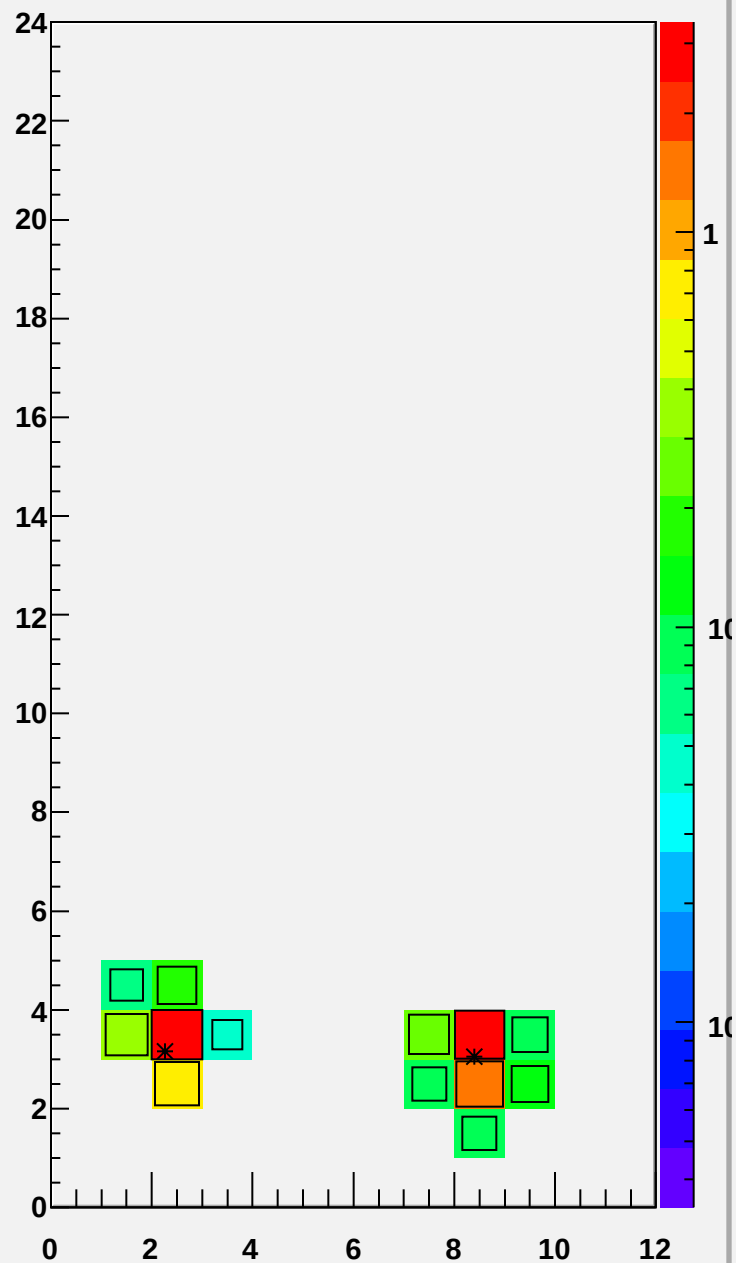
Fitted Energies



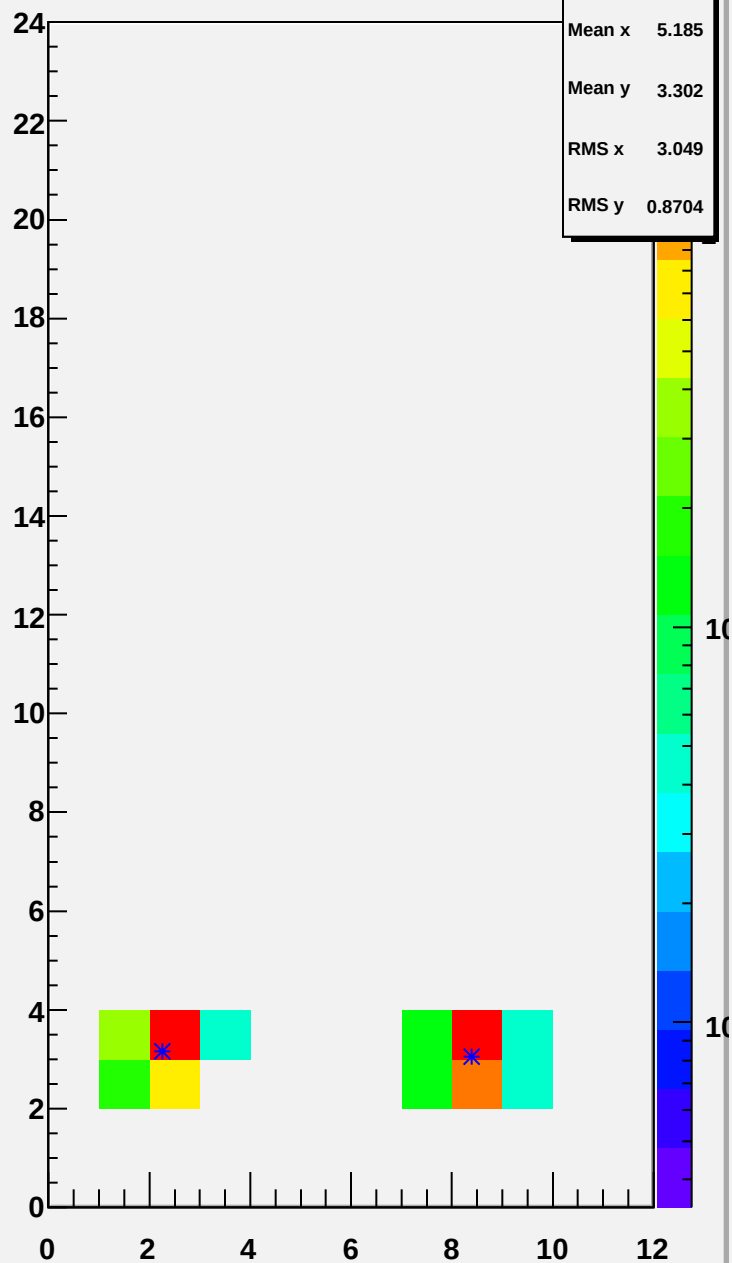
Efit

Entries	288
Mean x	2.581
Mean y	3.795
RMS x	0.4459
RMS y	0.741

NSTB3_r4_c3_En= 9.2_m0=0.158 m1=0.158 index=1871



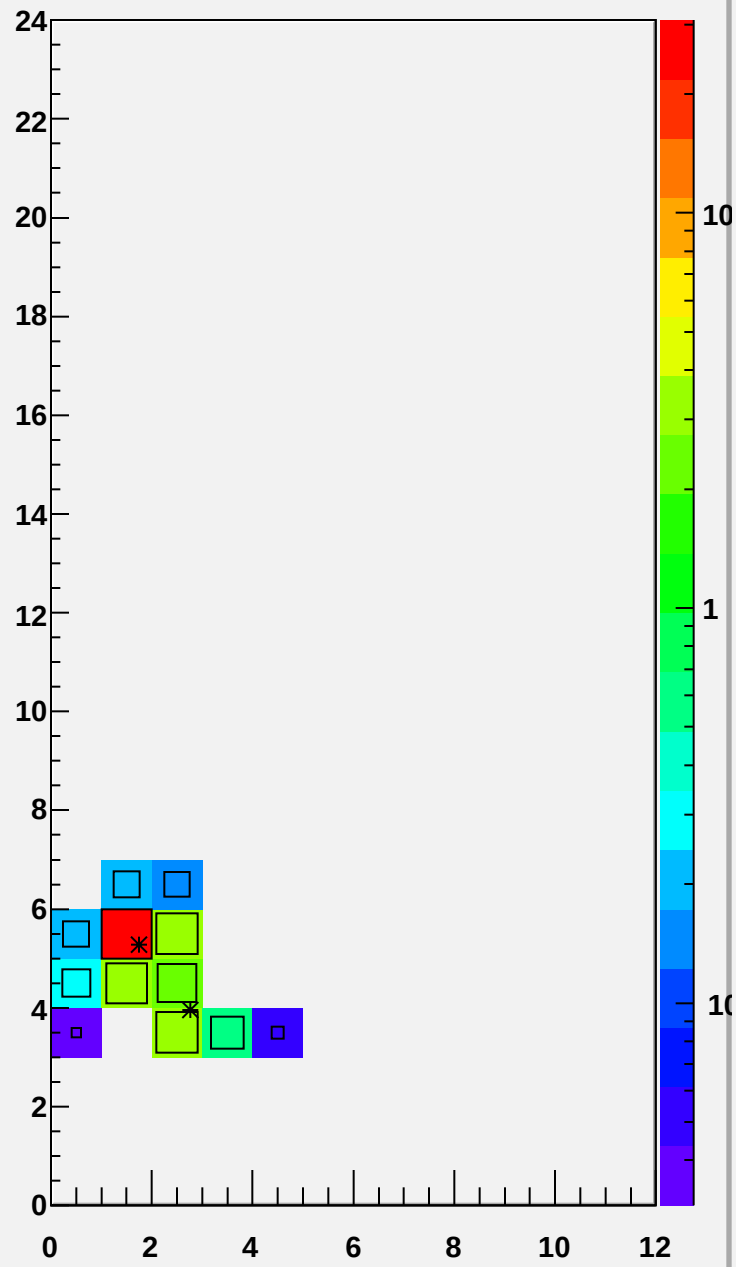
Fitted Energies



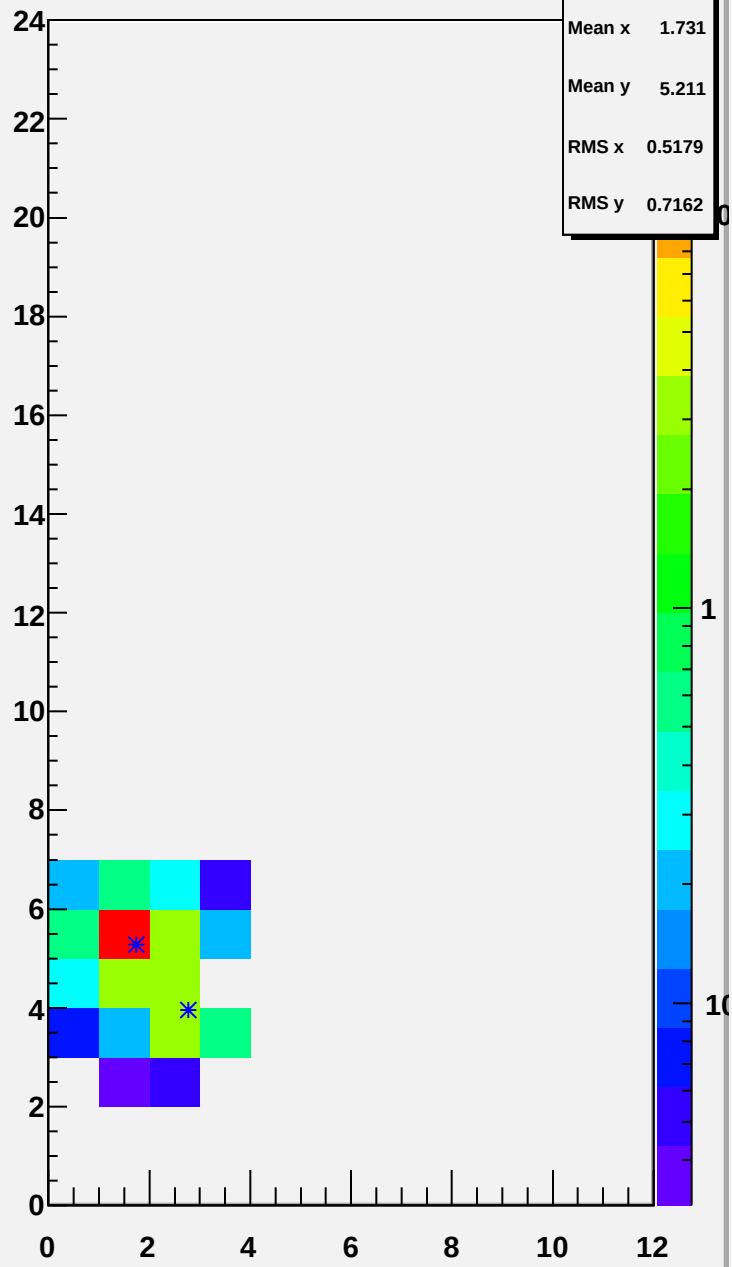
Efit

Entries	288
Mean x	5.185
Mean y	3.302
RMS x	3.049
RMS y	0.8704

NSTB3_r4_c3_En=44.0_m0=0.148 m1=0.148 index=1872



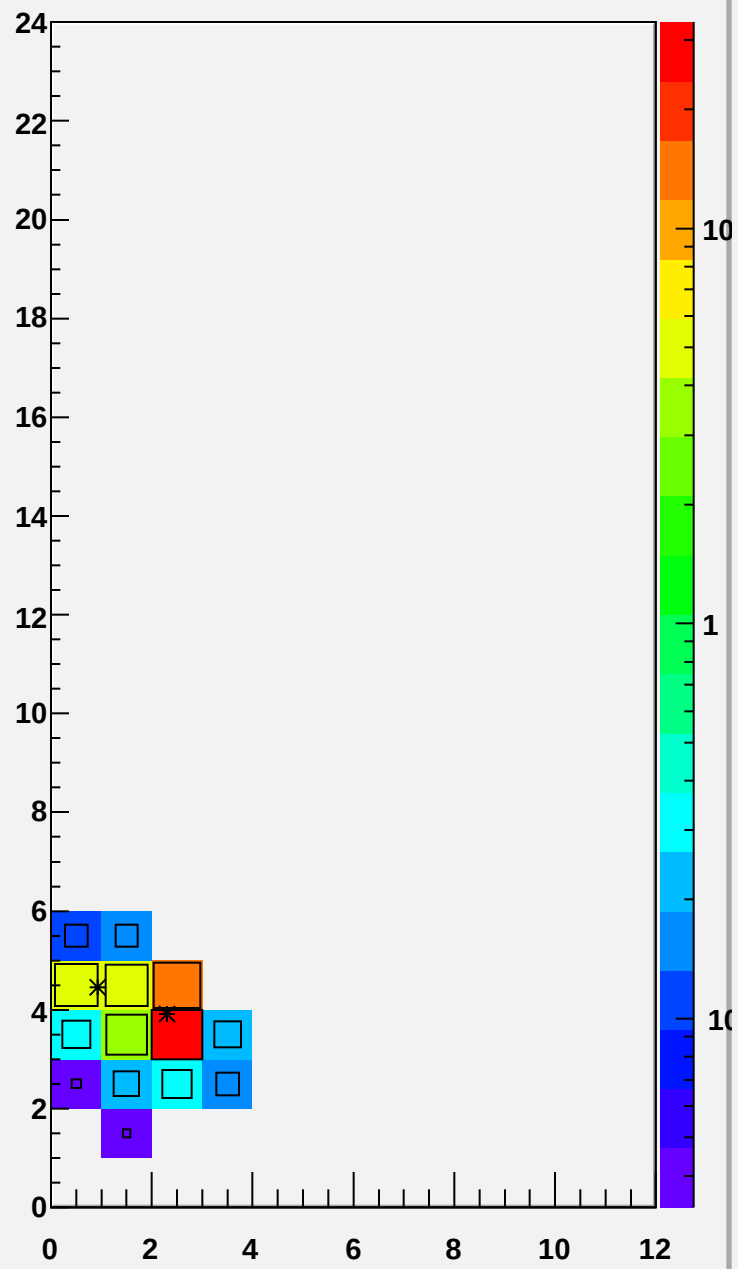
Fitted Energies



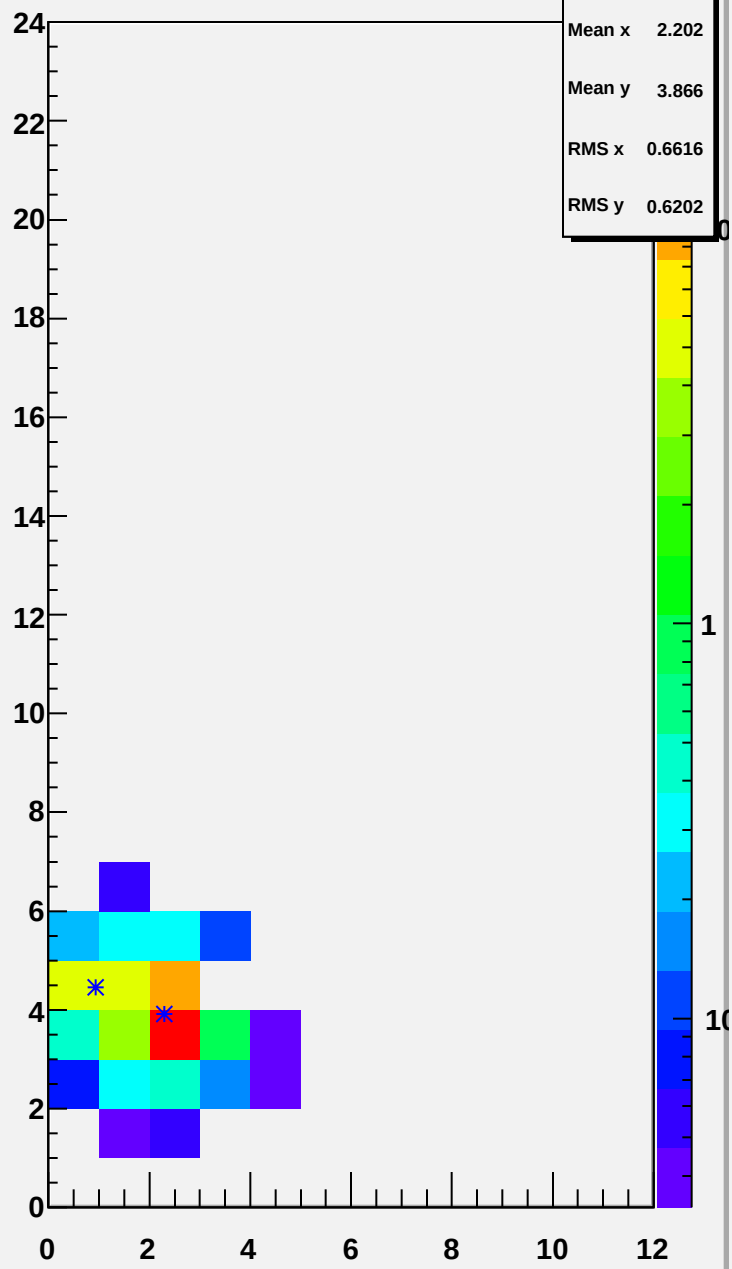
Efit

Entries	288
Mean x	1.731
Mean y	5.211
RMS x	0.5179
RMS y	0.7162

NSTB3_r4_c3_En=59.0_m0=0.161 m1=0.160 index=1873



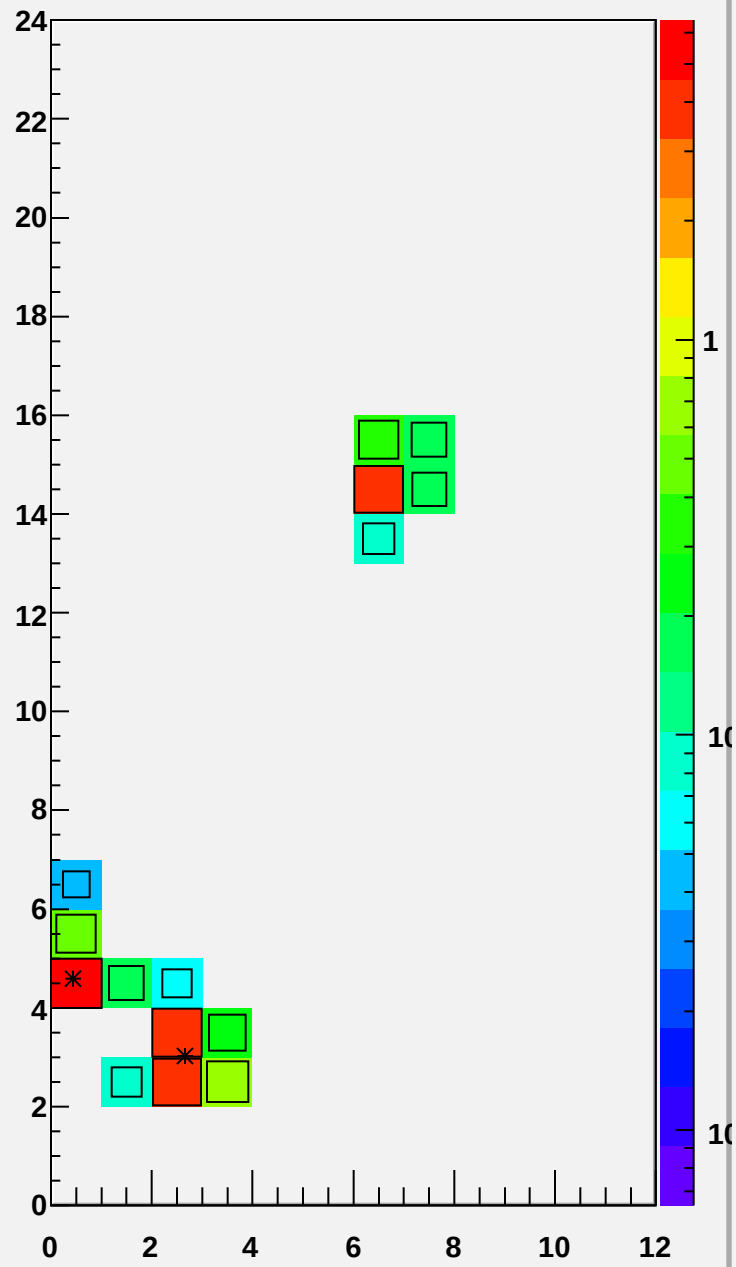
Fitted Energies



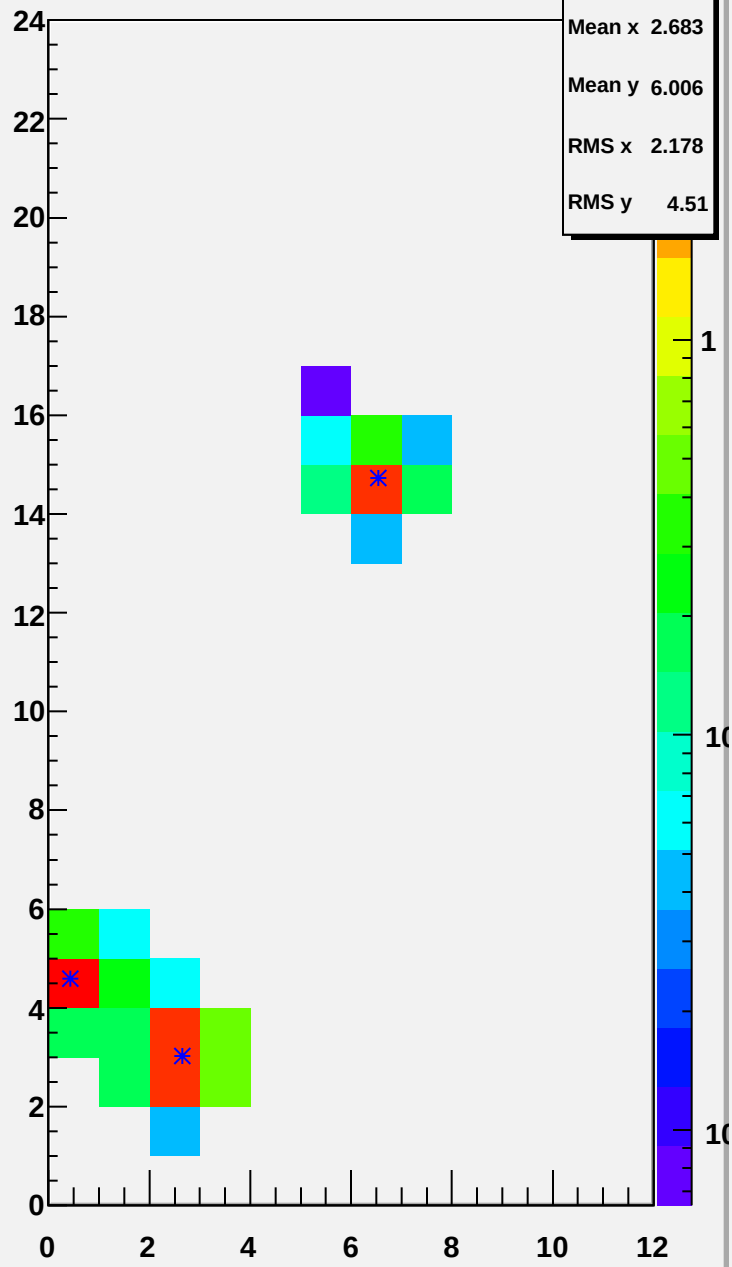
Efit

Entries	288
Mean x	2.202
Mean y	3.866
RMS x	0.6616
RMS y	0.6202

NSTB3_r4_c3_En=20.4_m0=0.129 m1=0.129 index=1874



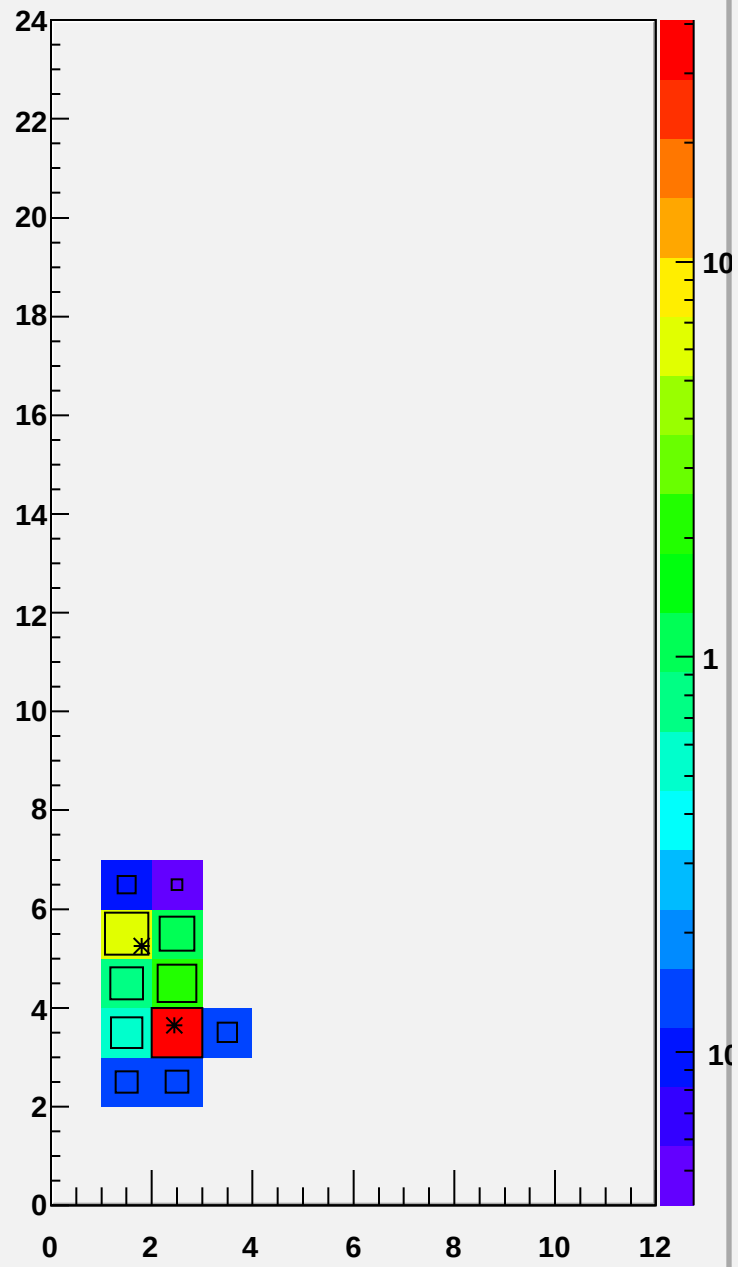
Fitted Energies



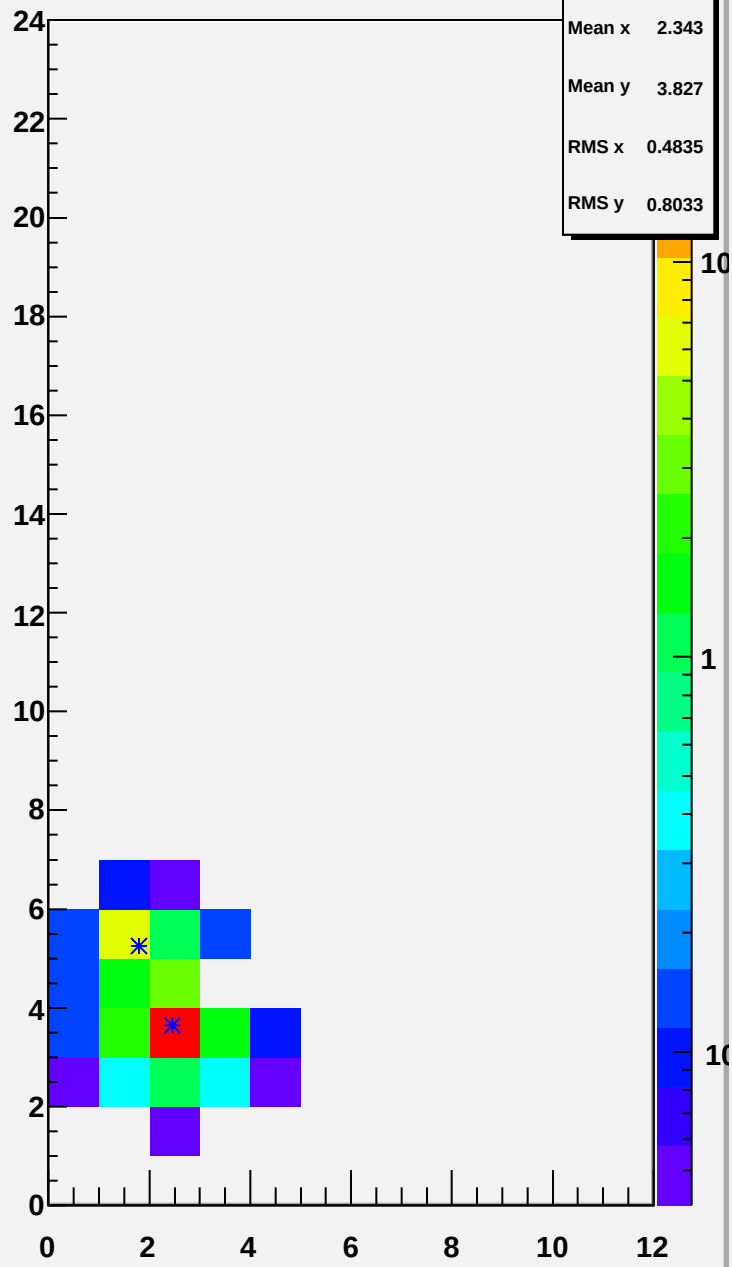
Efit

Entries 288
Mean x 2.683
Mean y 6.006
RMS x 2.178
RMS y 4.51

NSTB3_r4_c3_En=52.1_m0=0.194 m1=0.195 index=1875



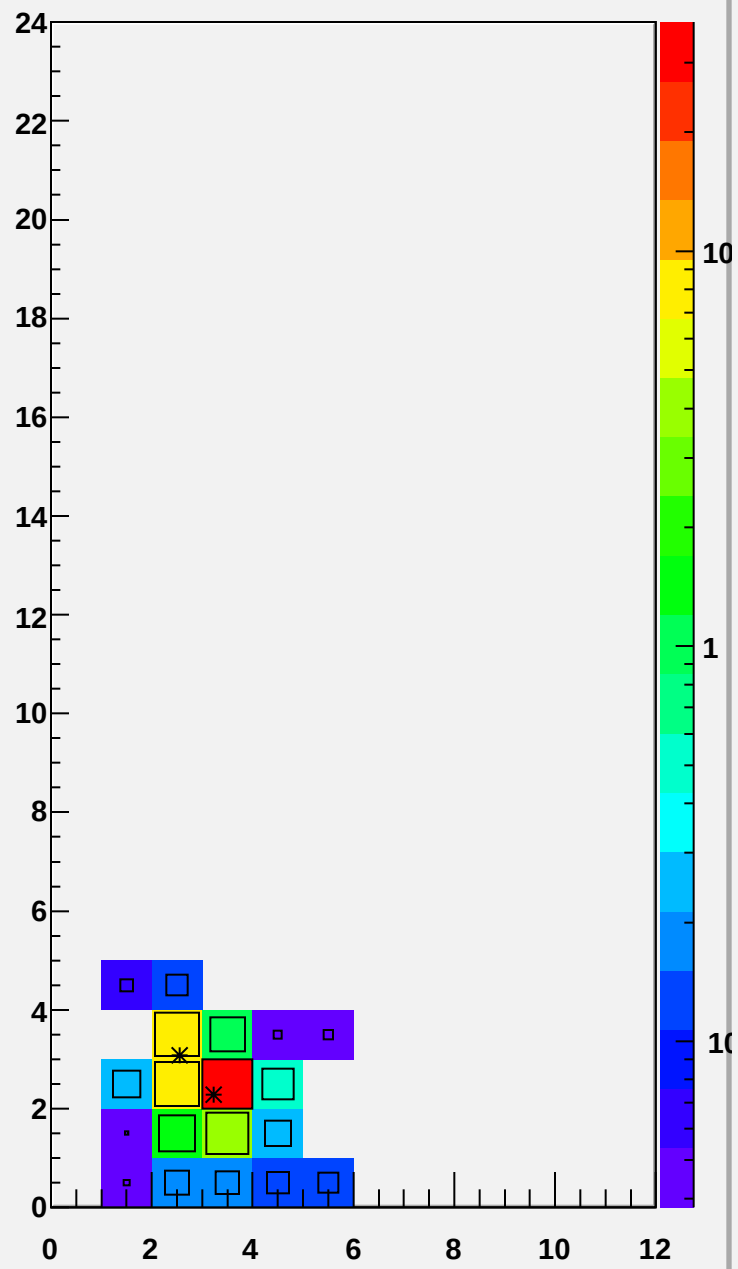
Fitted Energies



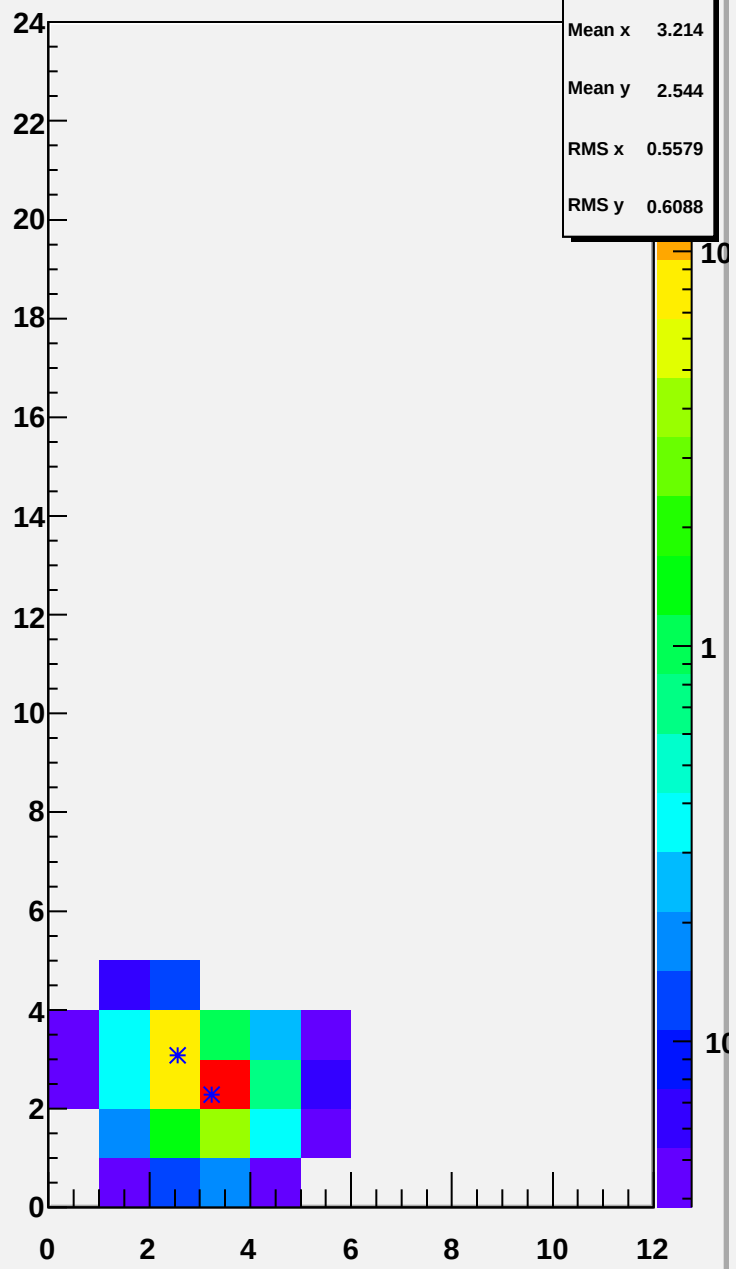
Efit

Entries	288
Mean x	2.343
Mean y	3.827
RMS x	0.4835
RMS y	0.8033

NSTB3_r4_c3_En=62.4_m0=0.137 m1=0.138 index=1878



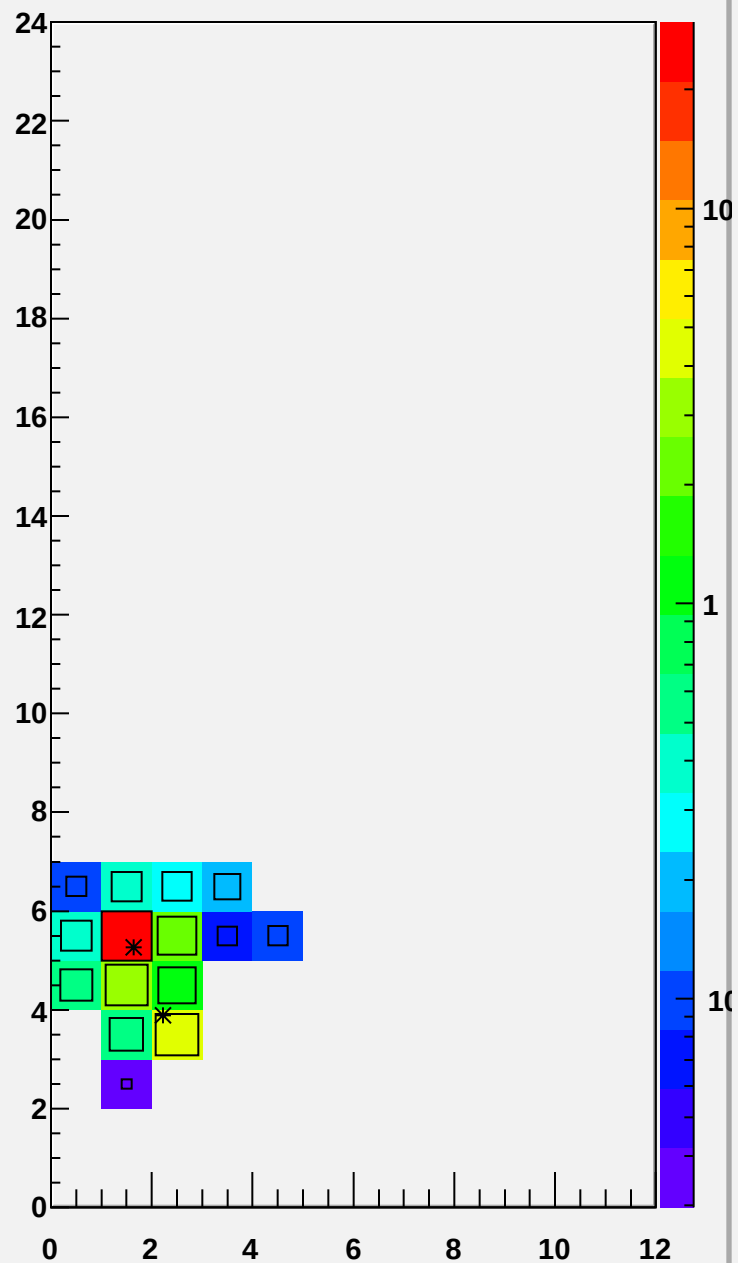
Fitted Energies



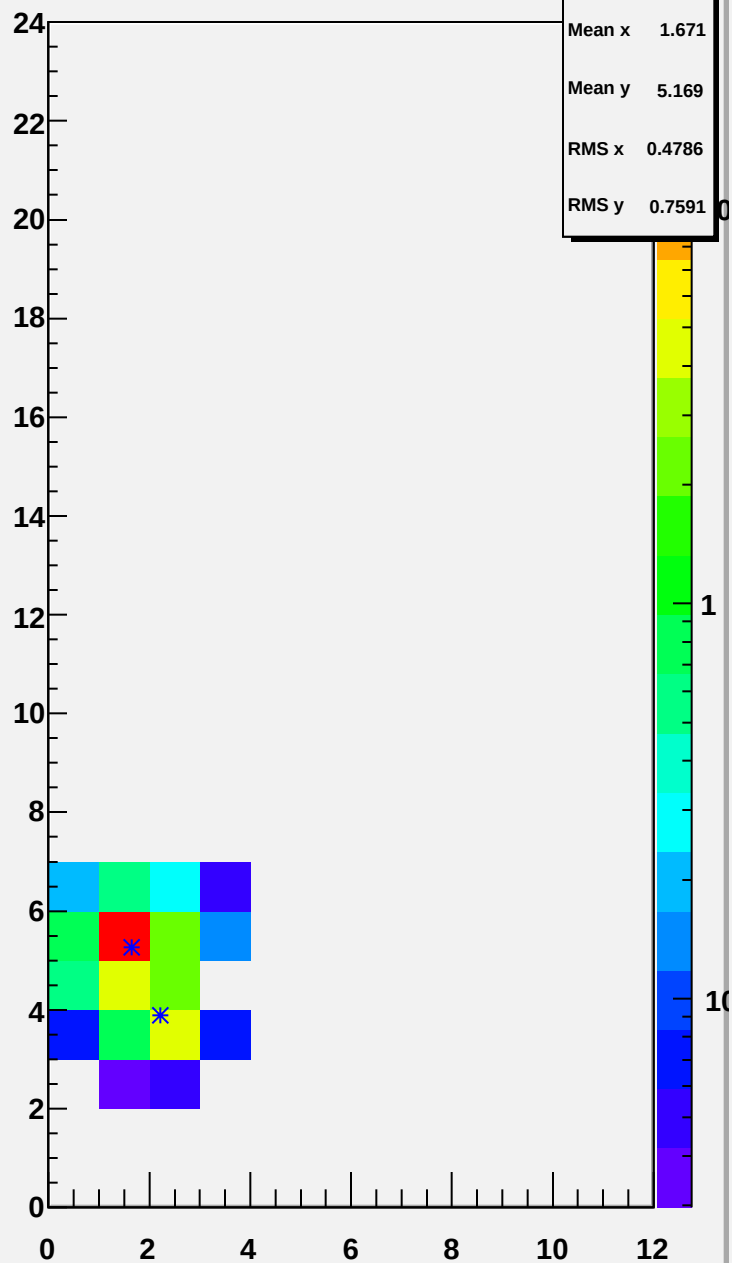
Efit

Entries	288
Mean x	3.214
Mean y	2.544
RMS x	0.5579
RMS y	0.6088

NSTB3_r4_c3_En=42.5_m0=0.129 m1=0.129 index=1879



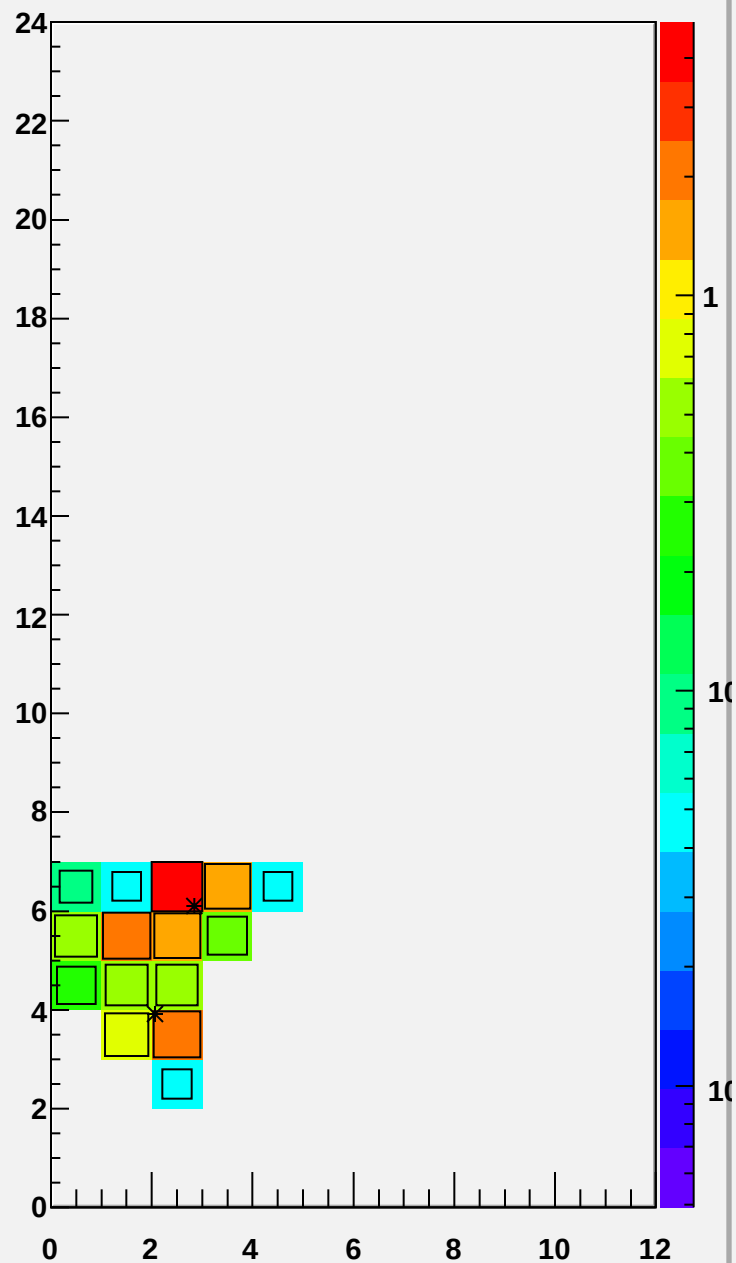
Fitted Energies



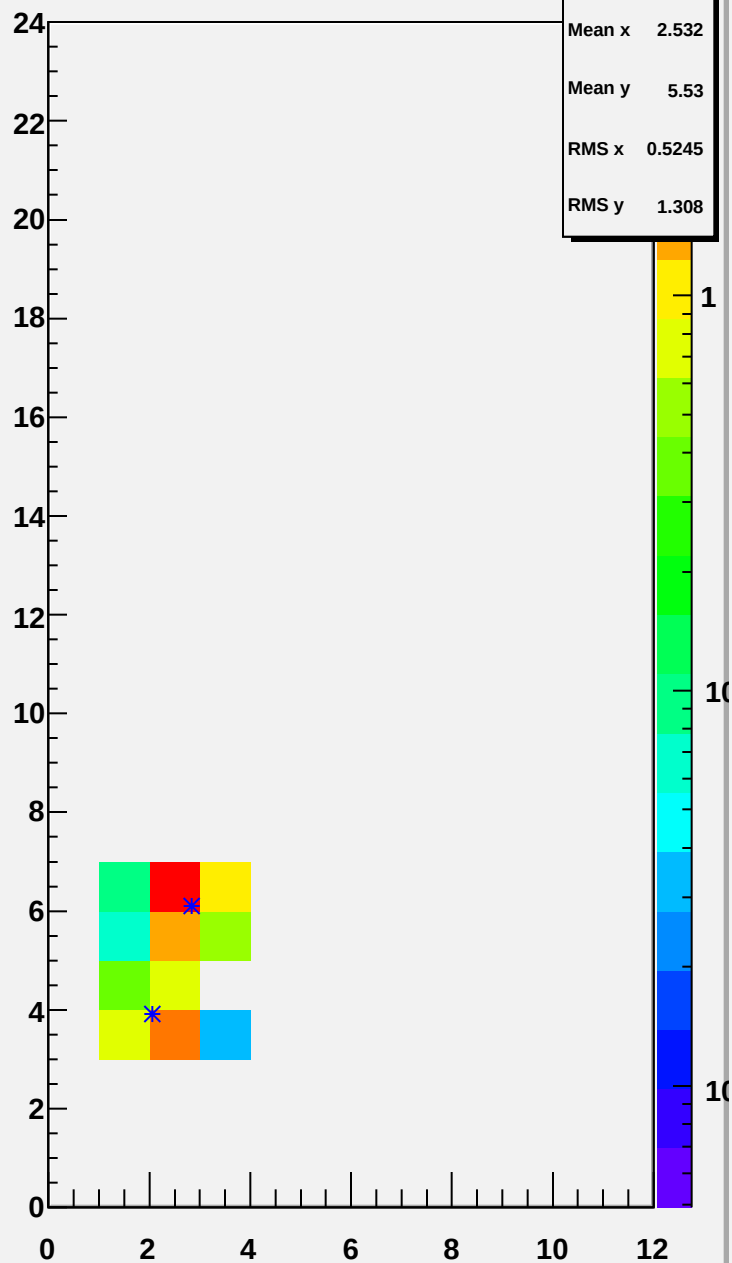
Efit

Entries	288
Mean x	1.671
Mean y	5.169
RMS x	0.4786
RMS y	0.7591

NSTB3_r4_c3_En=15.1_m0=0.077 m1=0.077 index=1880



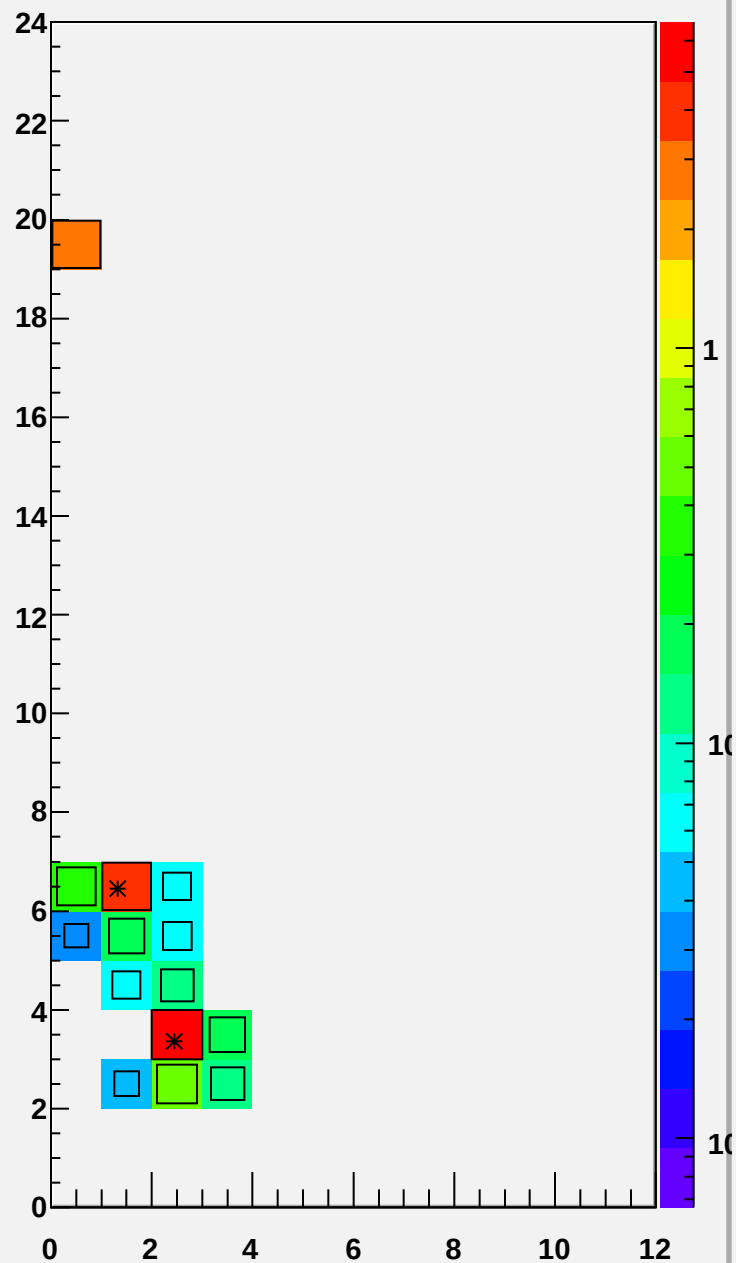
Fitted Energies



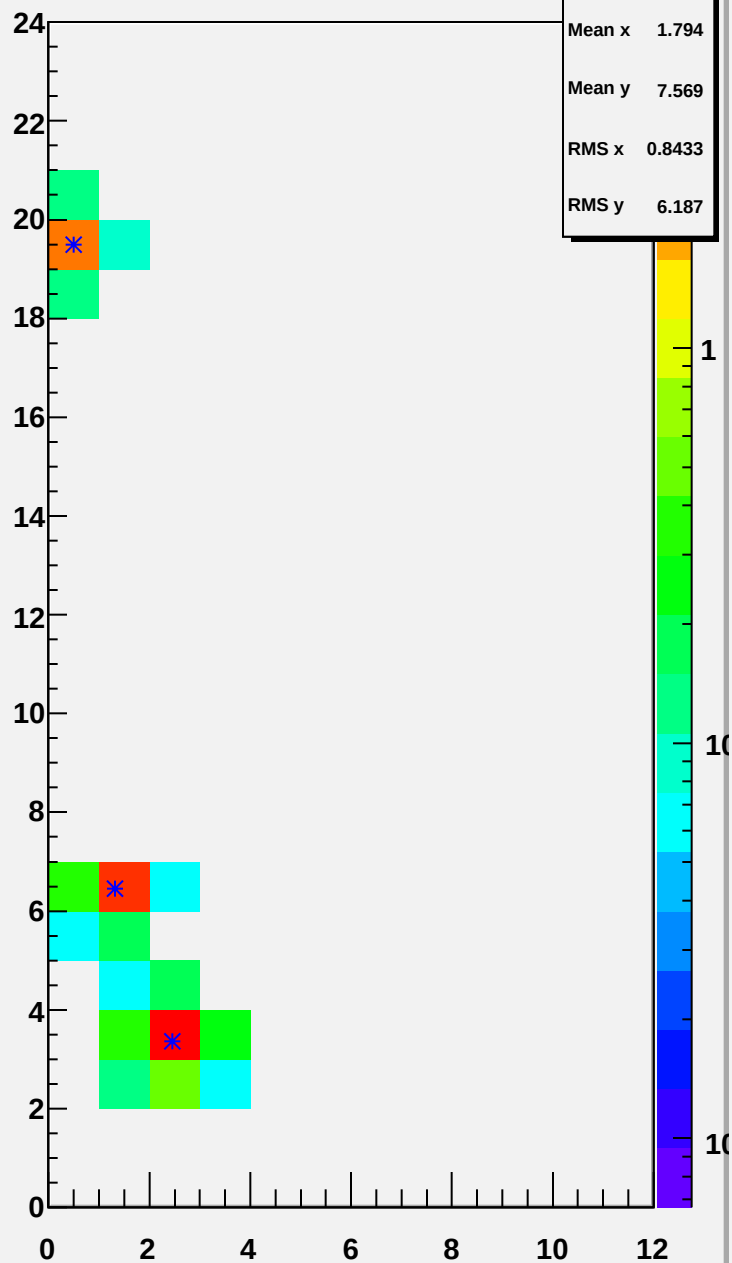
Efit

Entries	288
Mean x	2.532
Mean y	5.53
RMS x	0.5245
RMS y	1.308

NSTB3_r4_c3_En=15.4_m0=0.114_m1=0.114_index=1881



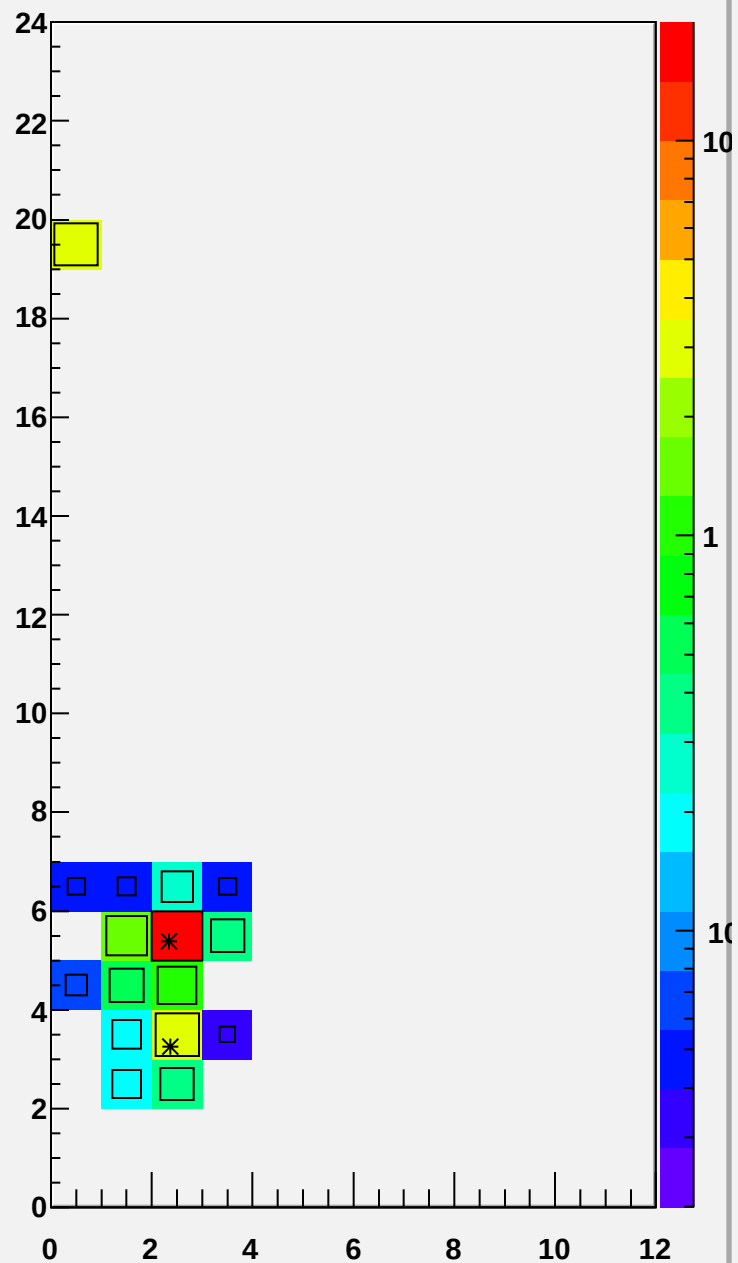
Fitted Energies



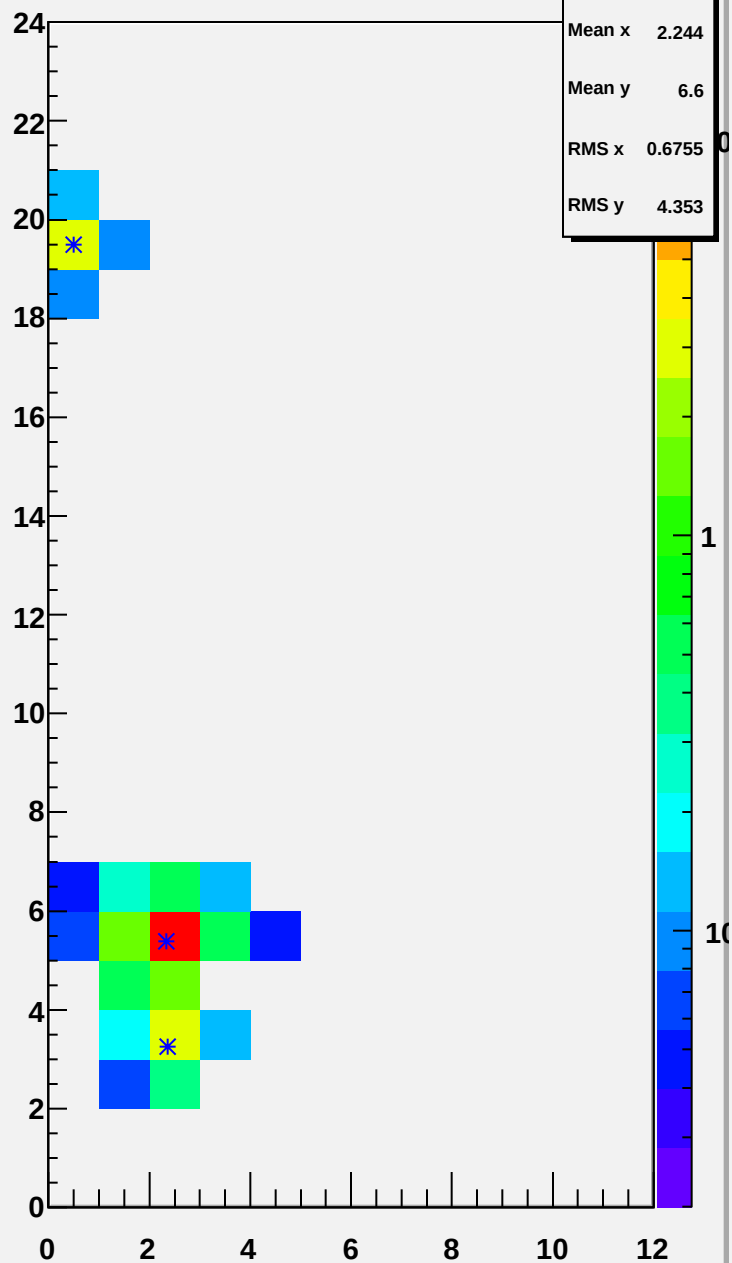
Efit

Entries	288
Mean x	1.794
Mean y	7.569
RMS x	0.8433
RMS y	6.187

NSTB3_r4_c3_En=31.3_m0=0.121 m1=0.121 index=1882



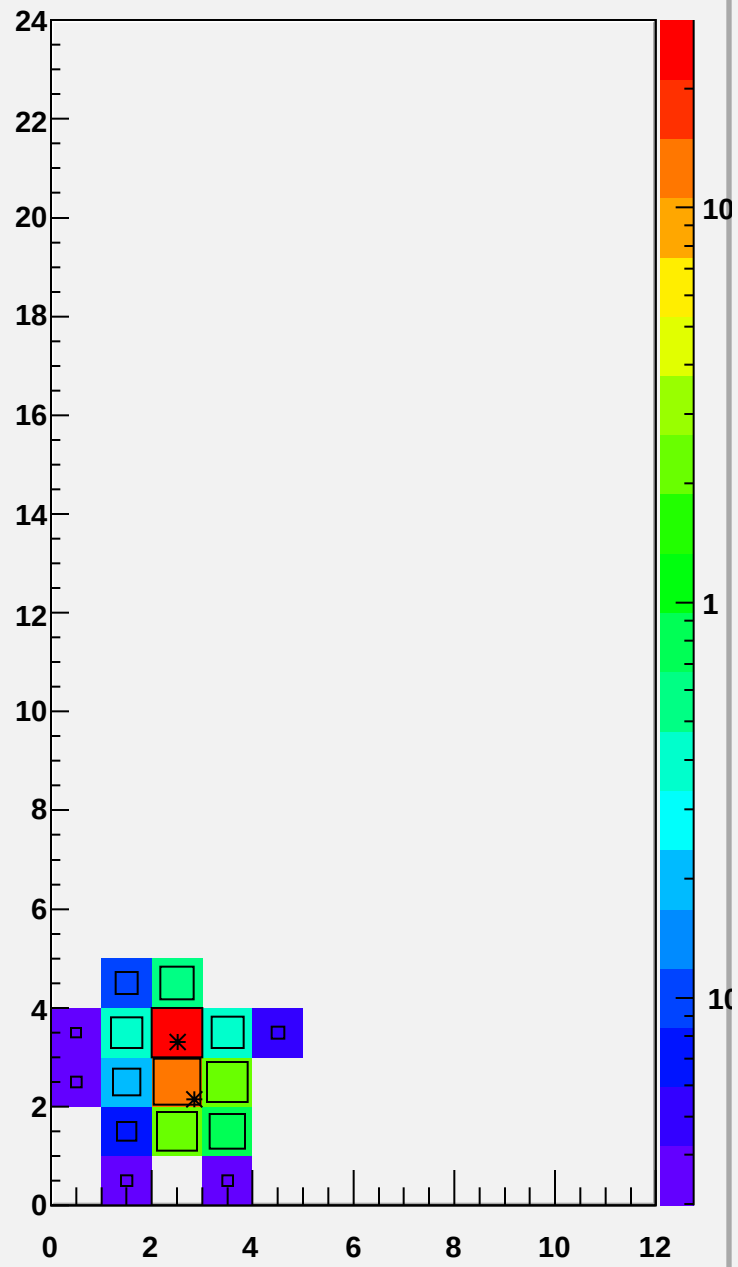
Fitted Energies



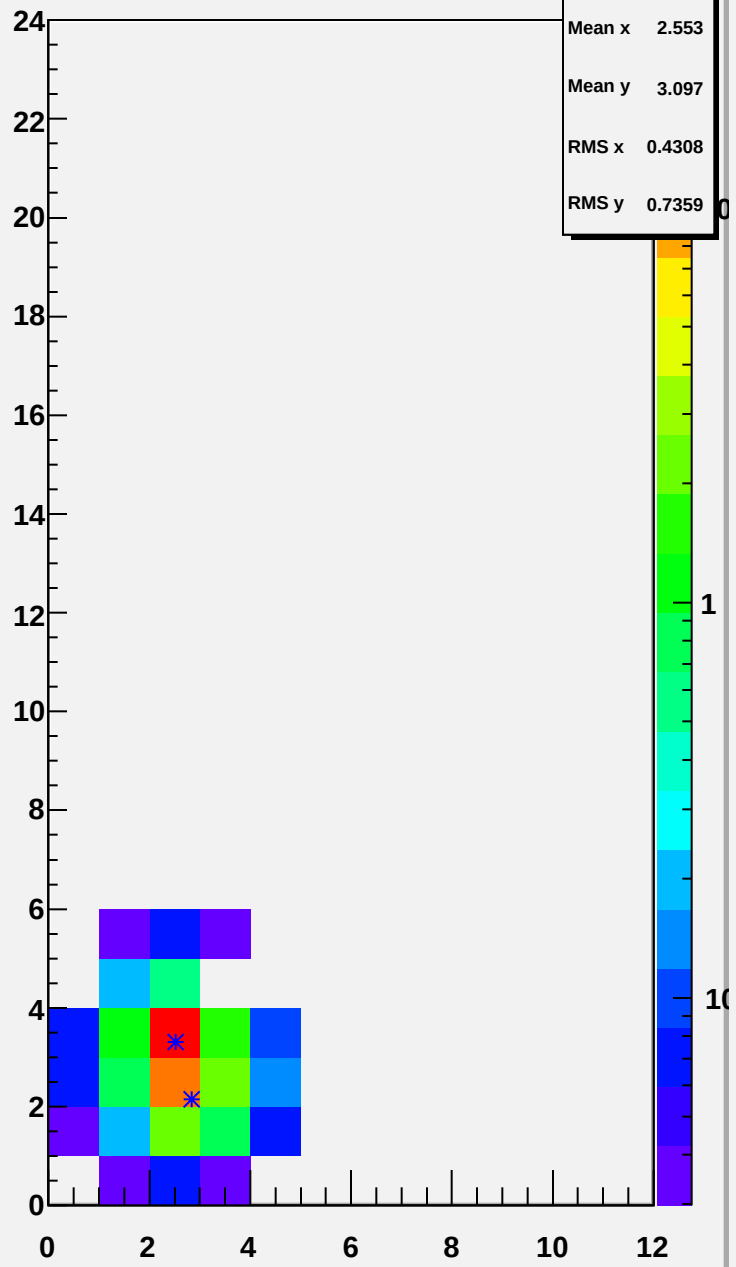
Efit

Entries	288
Mean x	2.244
Mean y	6.6
RMS x	0.6755
RMS y	4.353

NSTB3_r4_c3_En=49.5_m0=0.150 m1=0.150 index=1884



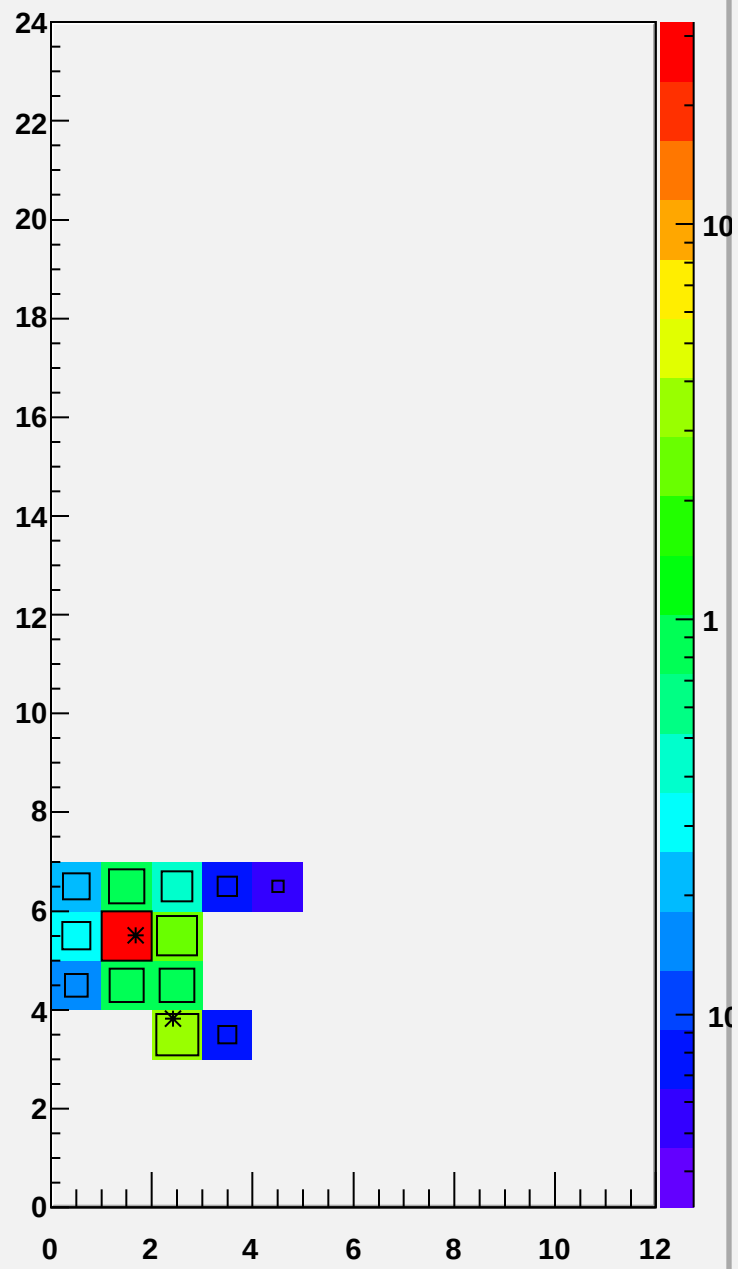
Fitted Energies



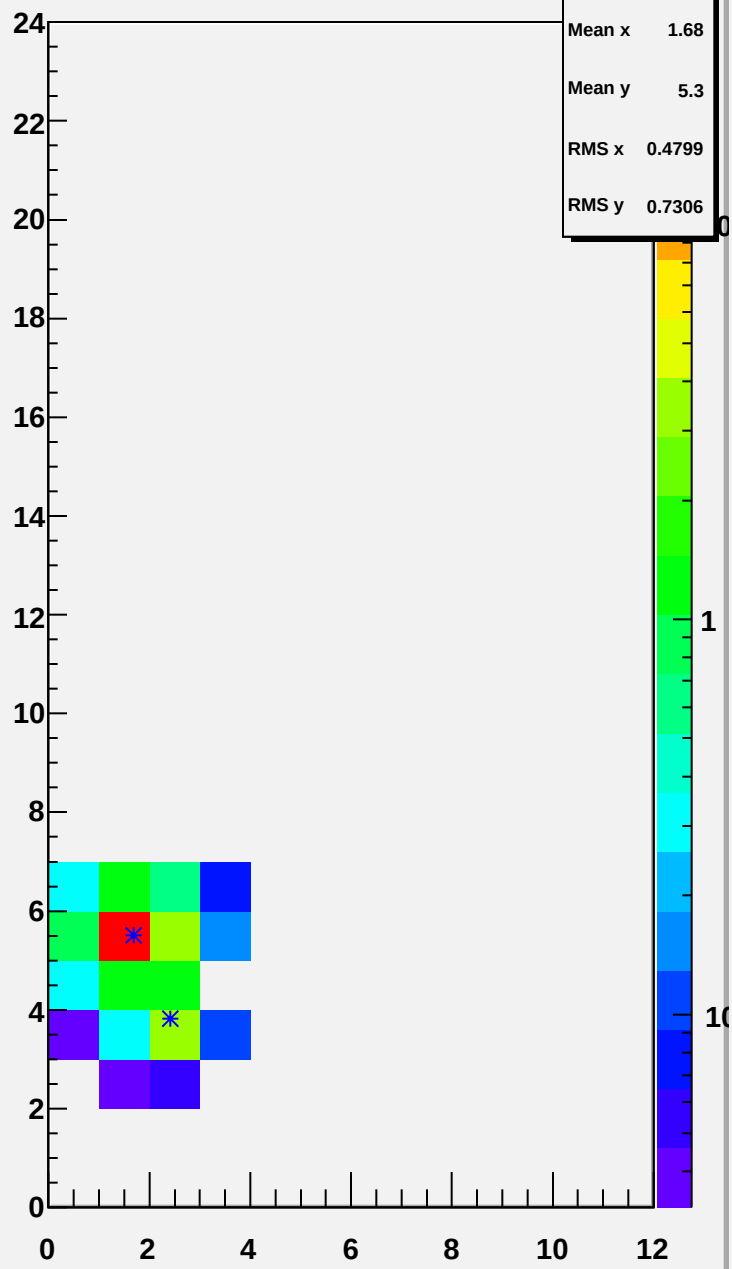
Efit

Entries	288
Mean x	2.553
Mean y	3.097
RMS x	0.4308
RMS y	0.7359

NSTB3_r4_c3_En=42.6_m0=0.147 m1=0.147 index=1885



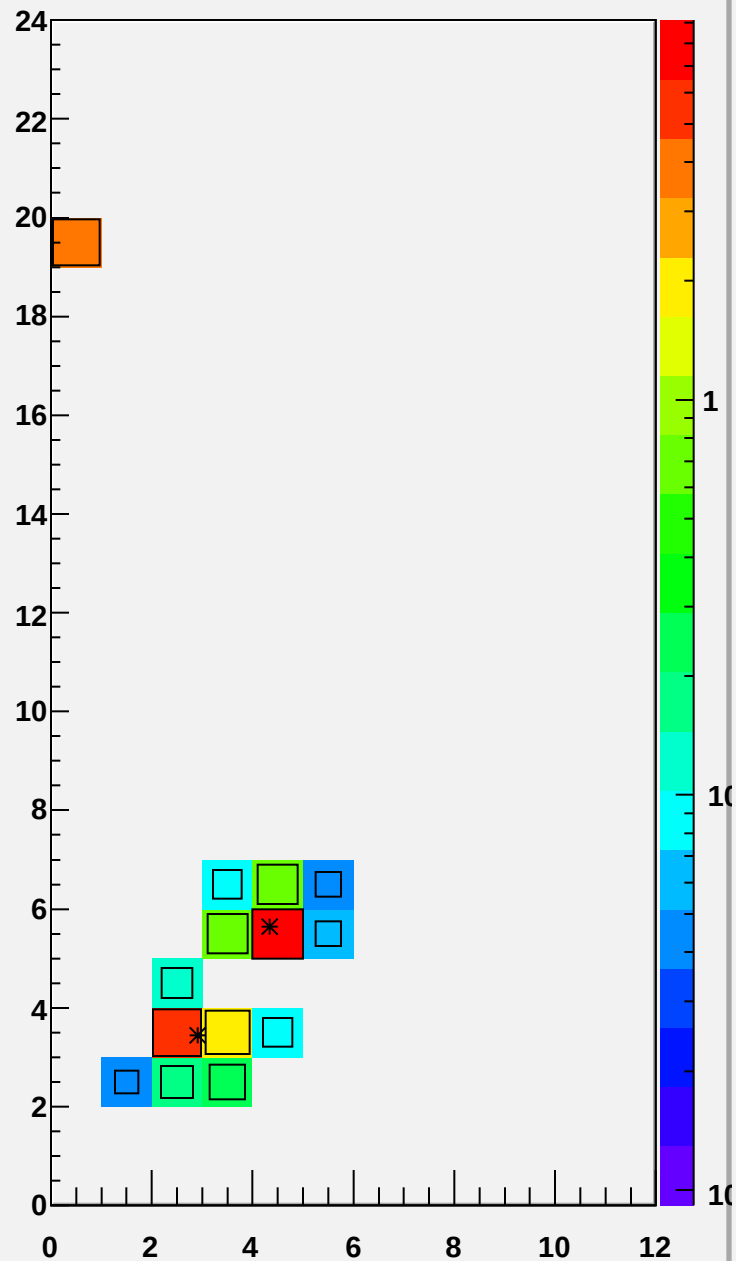
Fitted Energies



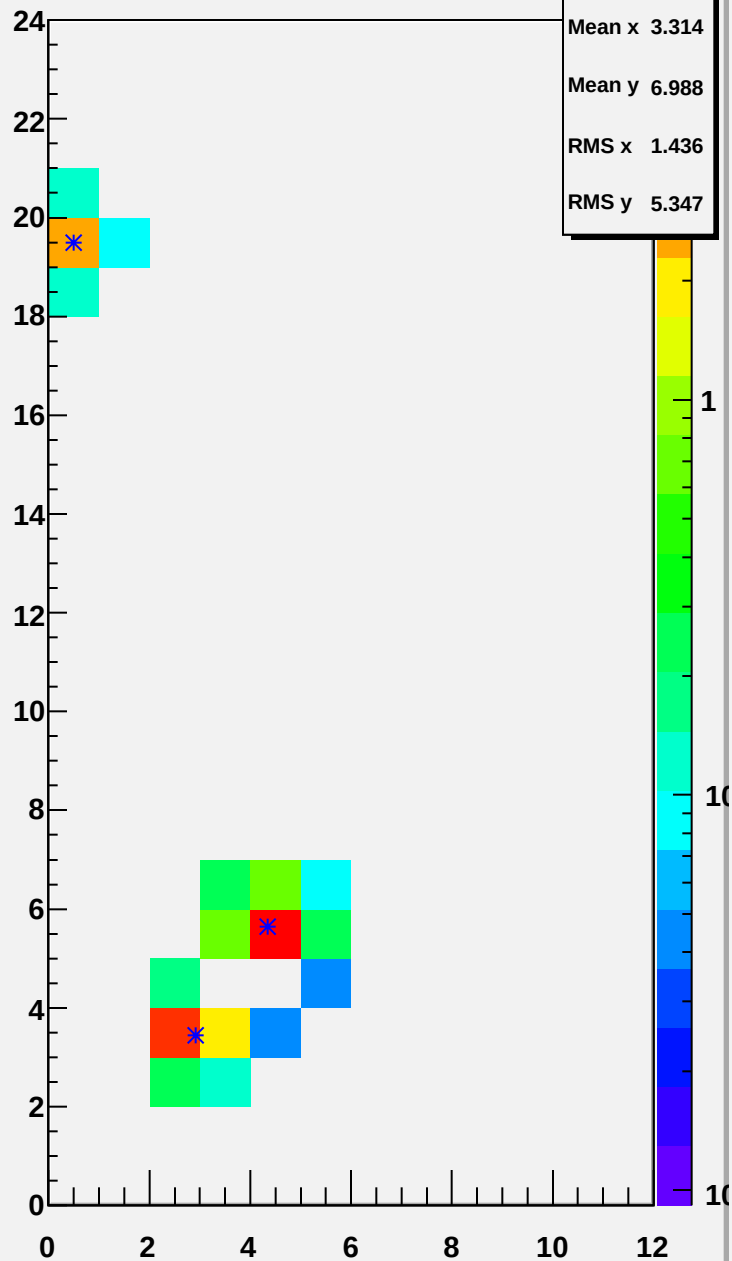
Efit

Entries	288
Mean x	1.68
Mean y	5.3
RMS x	0.4799
RMS y	0.7306

NSTB3_r4_c3_En=21.2_m0=0.132 m1=0.132 index=1886



Fitted Energies



Efit

Entries 288

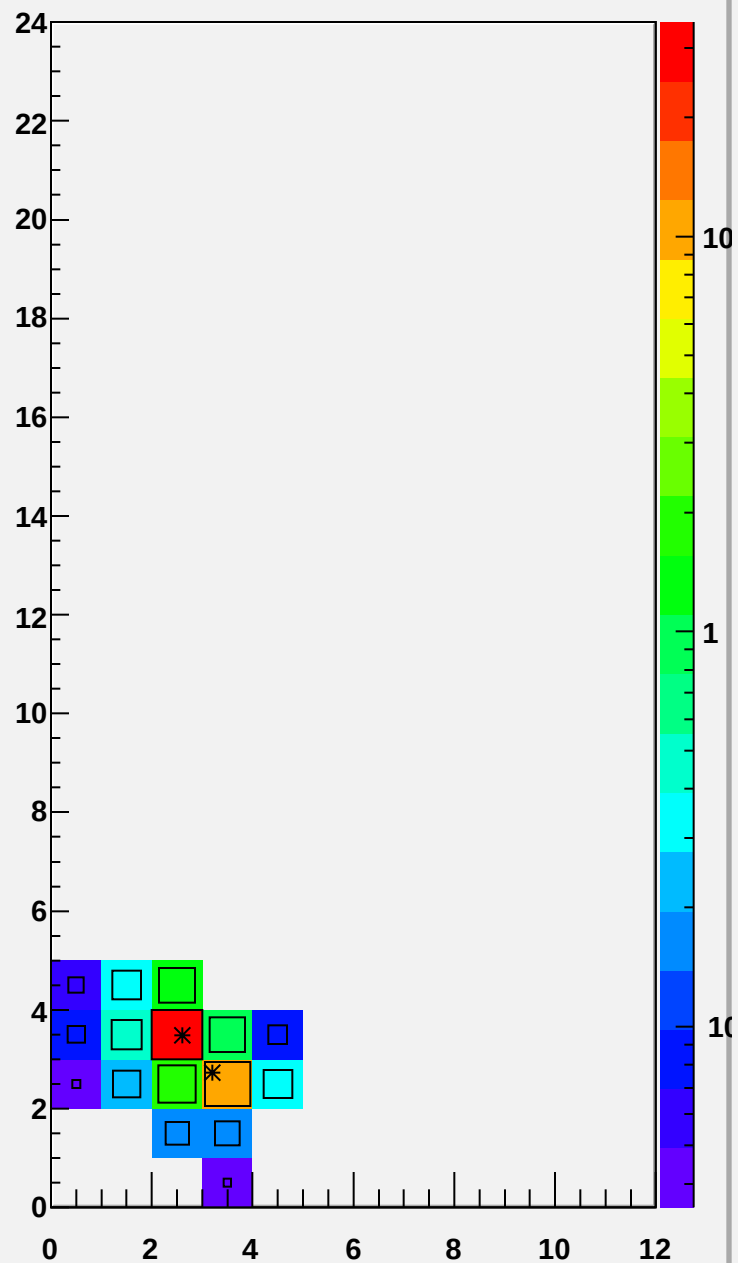
Mean x 3.314

Mean y 6.988

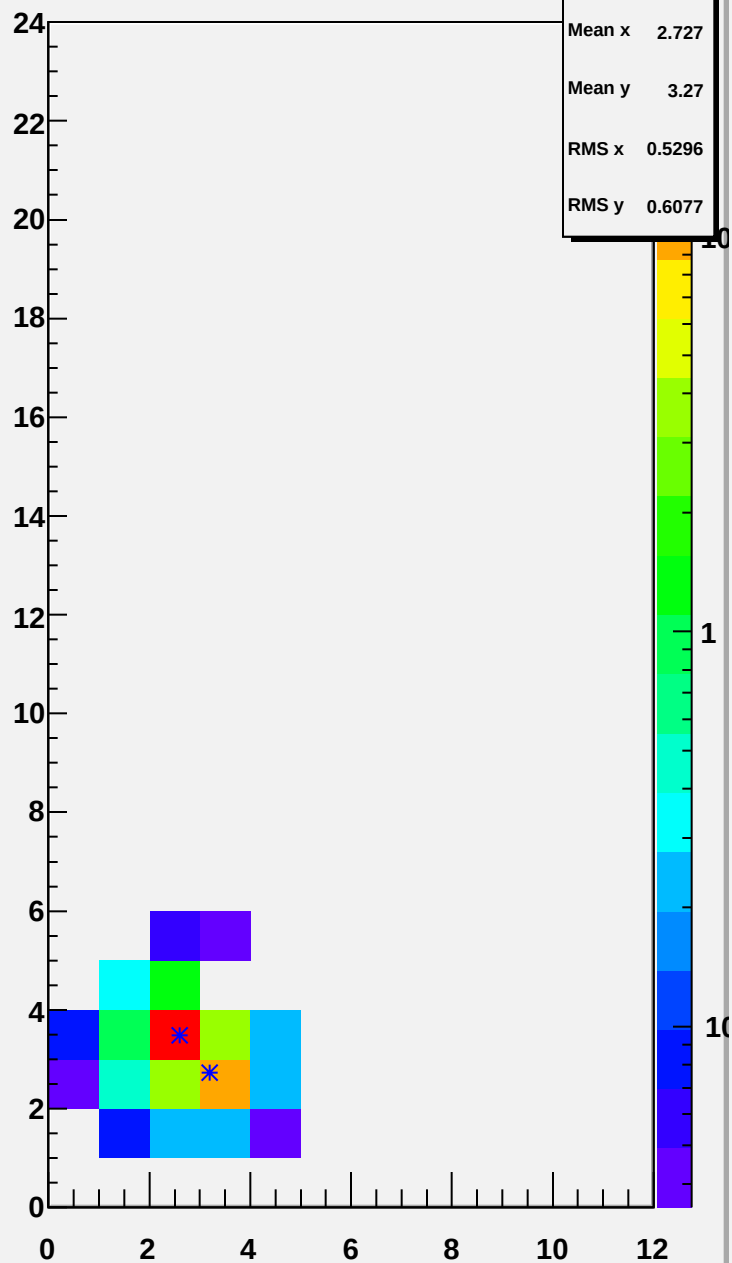
RMS x 1.436

RMS y 5.347

NSTB3_r4_c3_En=50.1_m0=0.125 m1=0.124 index=1888



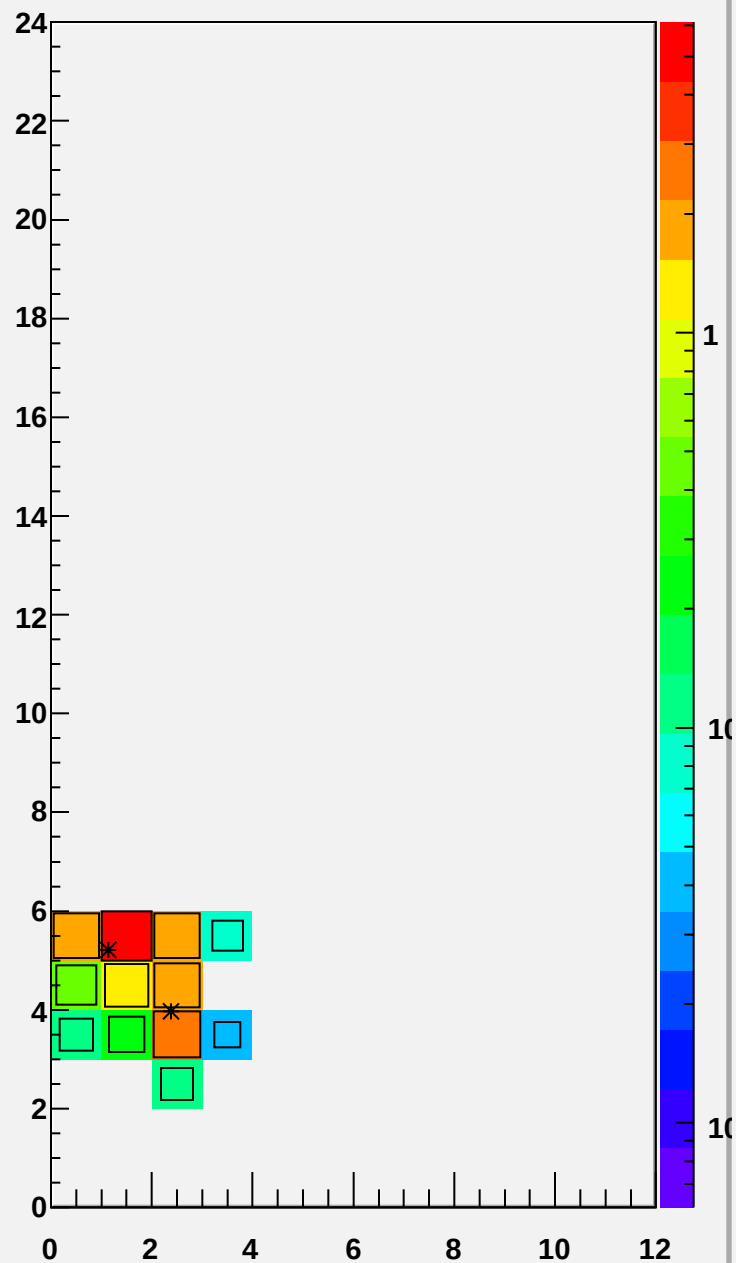
Fitted Energies



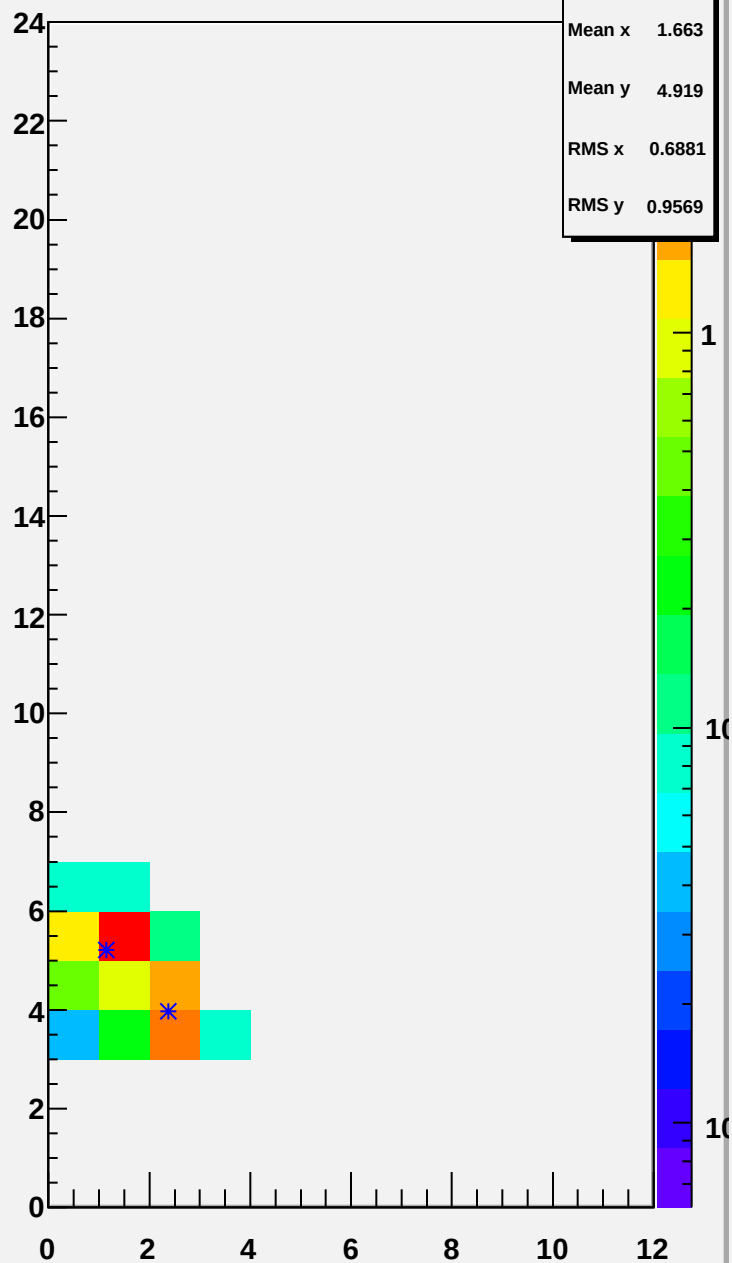
Efit

Entries	288
Mean x	2.727
Mean y	3.27
RMS x	0.5296
RMS y	0.6077

NSTB3_r4_c3_En=15.5_m0=0.065 m1=0.065 index=1889



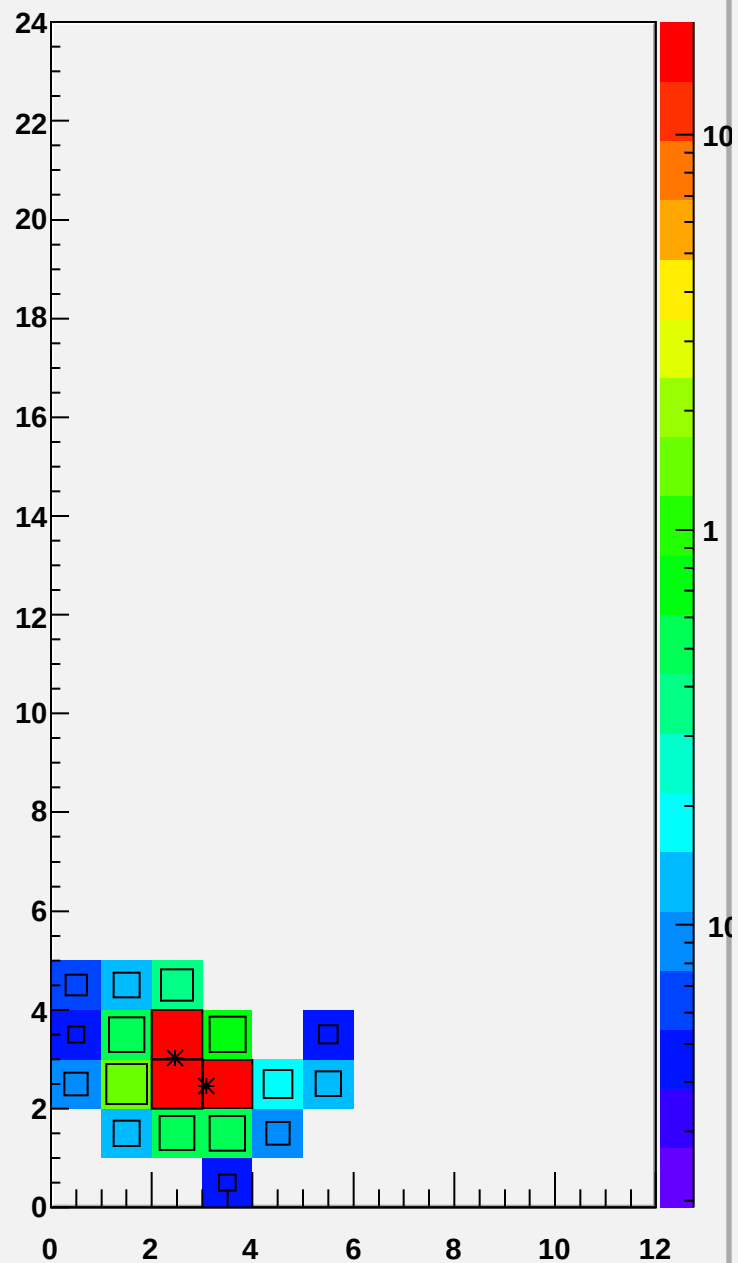
Fitted Energies



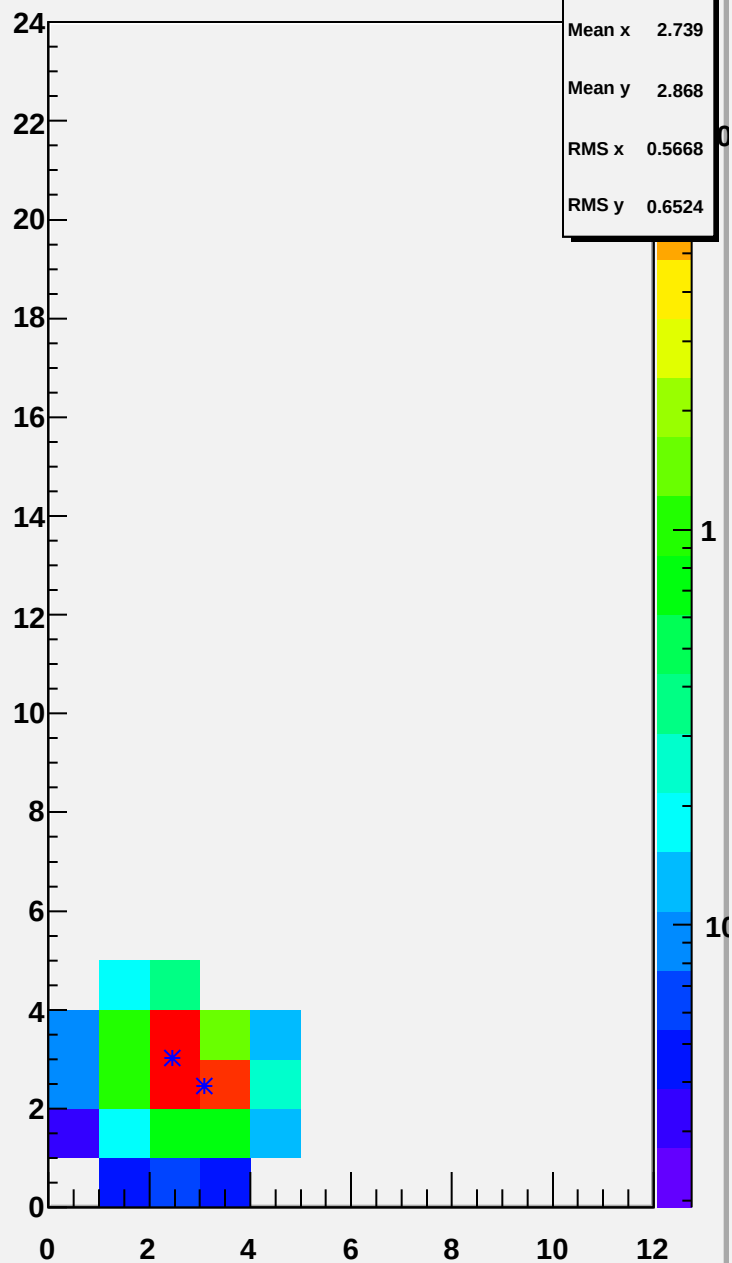
Efit

Entries	288
Mean x	1.663
Mean y	4.919
RMS x	0.6881
RMS y	0.9569

NSTB3_r4_c3_En=56.1_m0=0.126 m1=0.126 index=1890



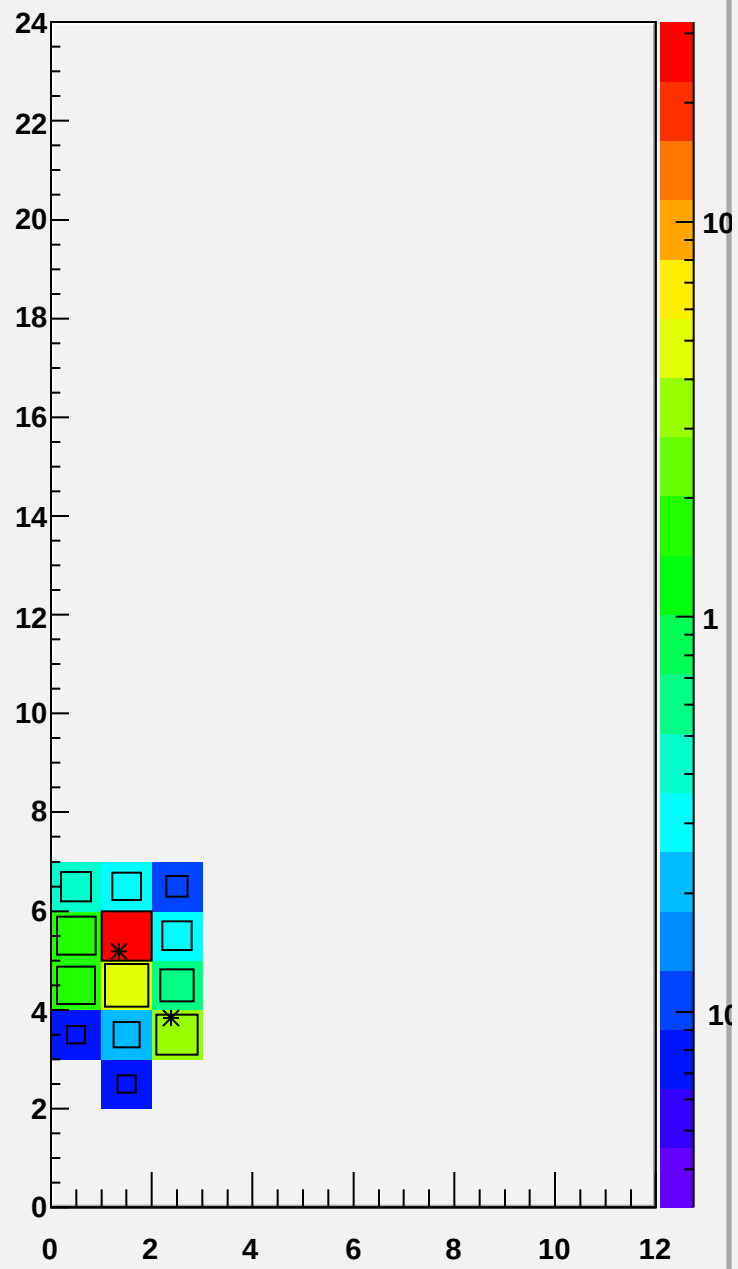
Fitted Energies



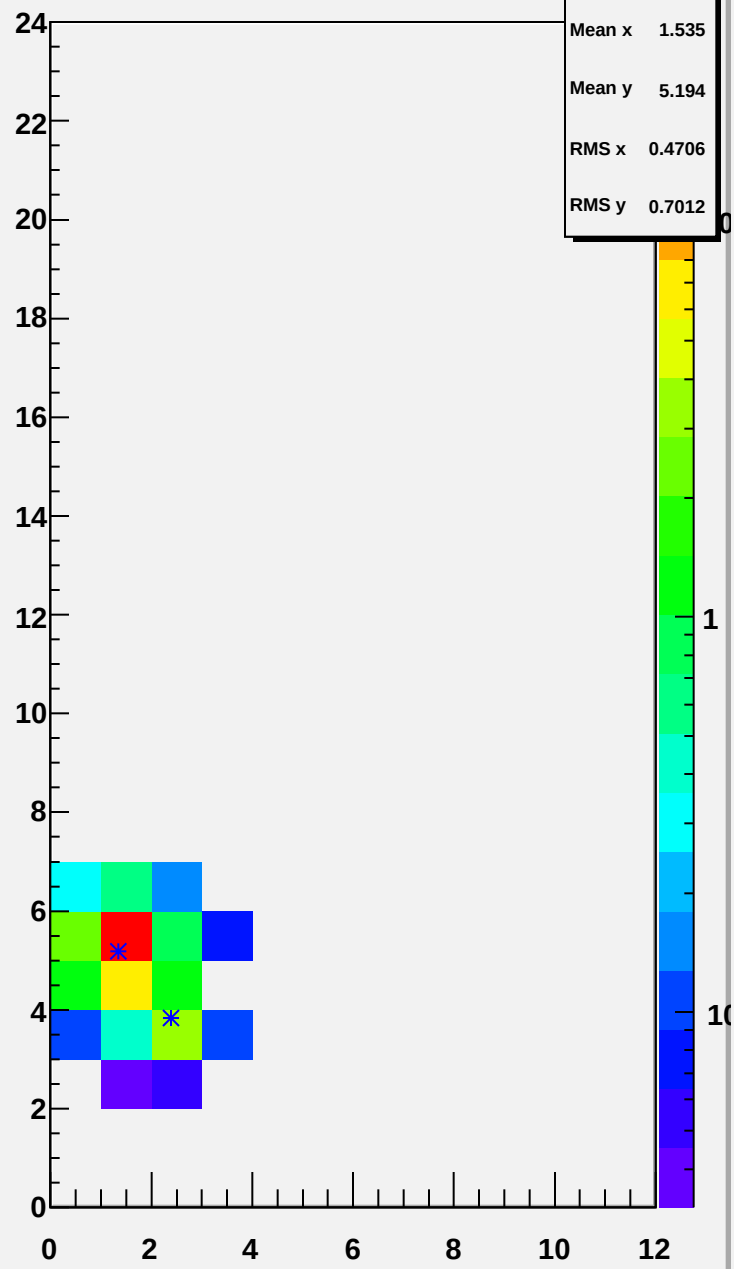
Efit

Entries	288
Mean x	2.739
Mean y	2.868
RMS x	0.5668
RMS y	0.6524

NSTB3_r4_c3_En=46.2_m0=0.129 m1=0.129 index=1891



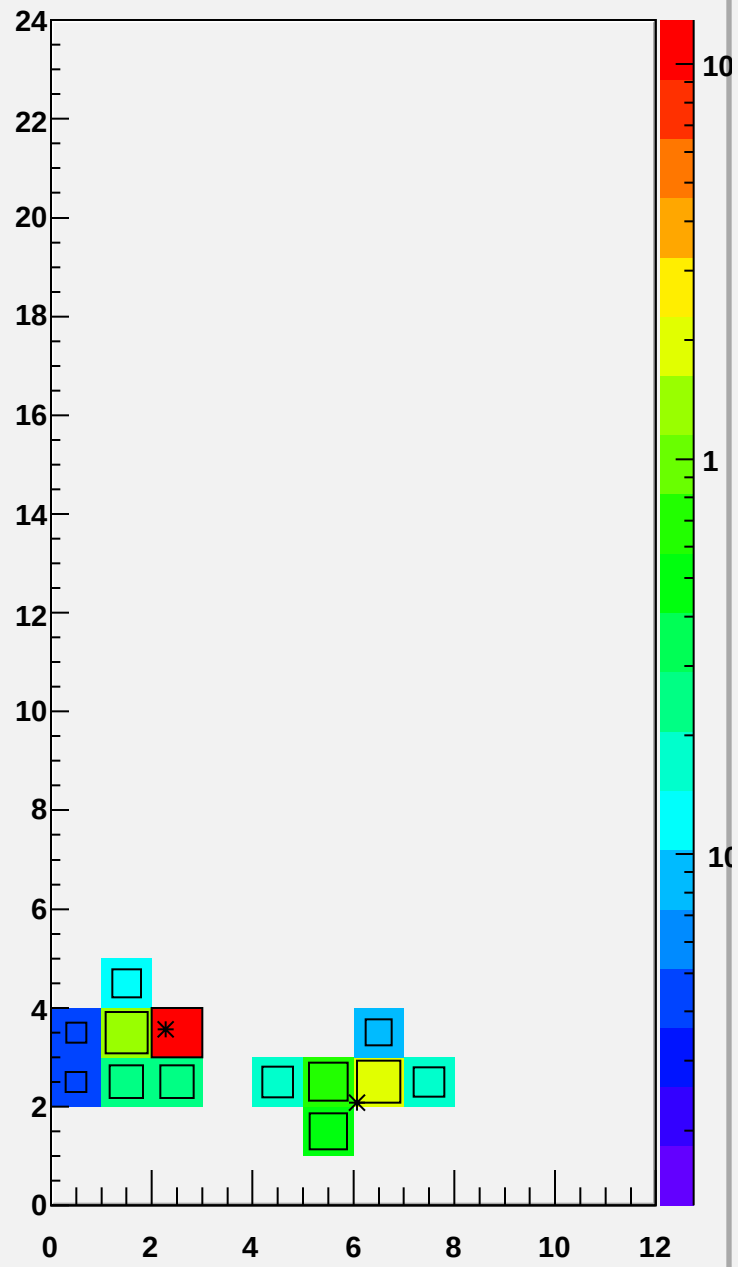
Fitted Energies



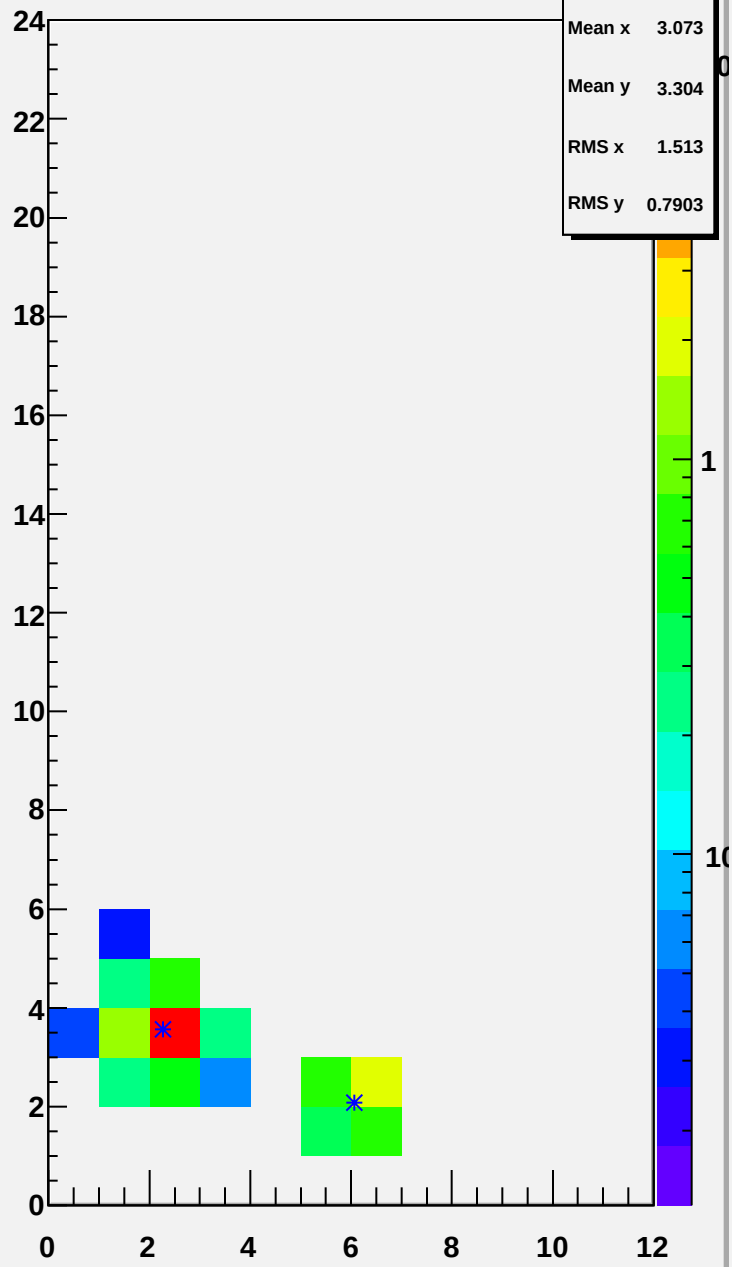
Efit

Entries	288
Mean x	1.535
Mean y	5.194
RMS x	0.4706
RMS y	0.7012

NSTB3_r4_c3_En=18.8_m0=0.179 m1=0.180 index=1893



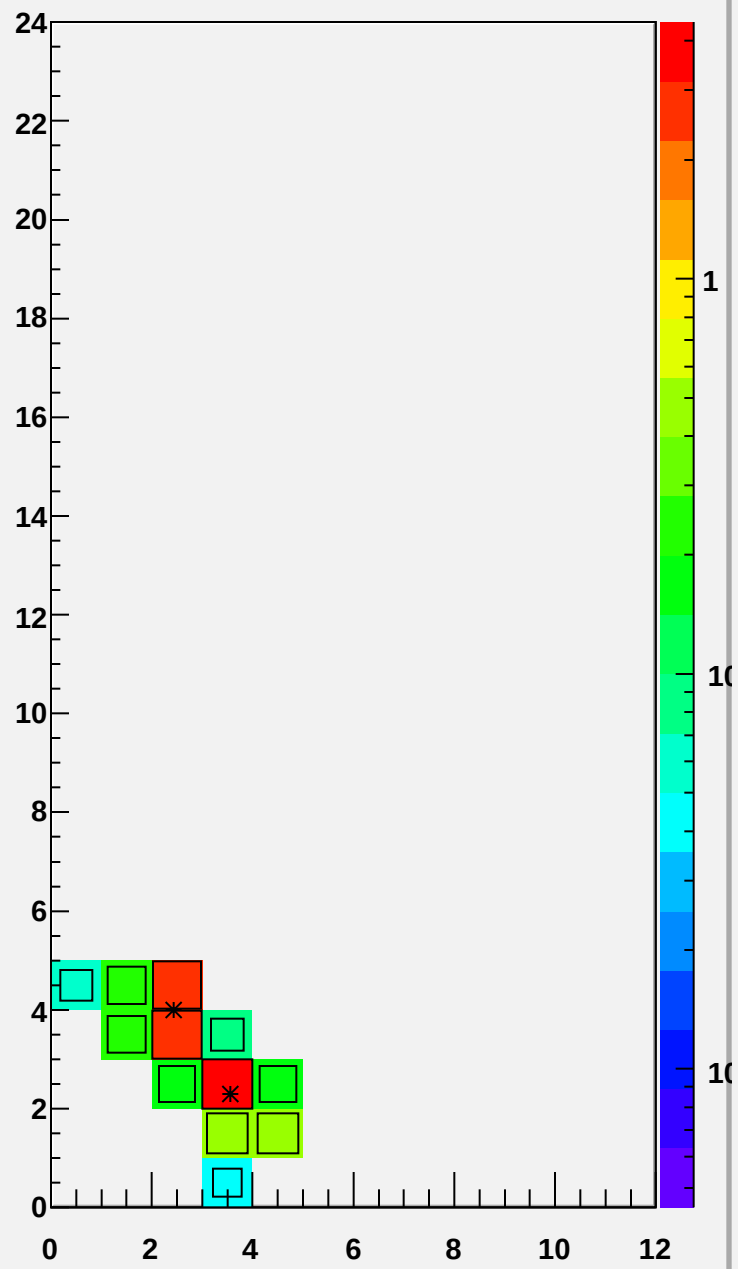
Fitted Energies



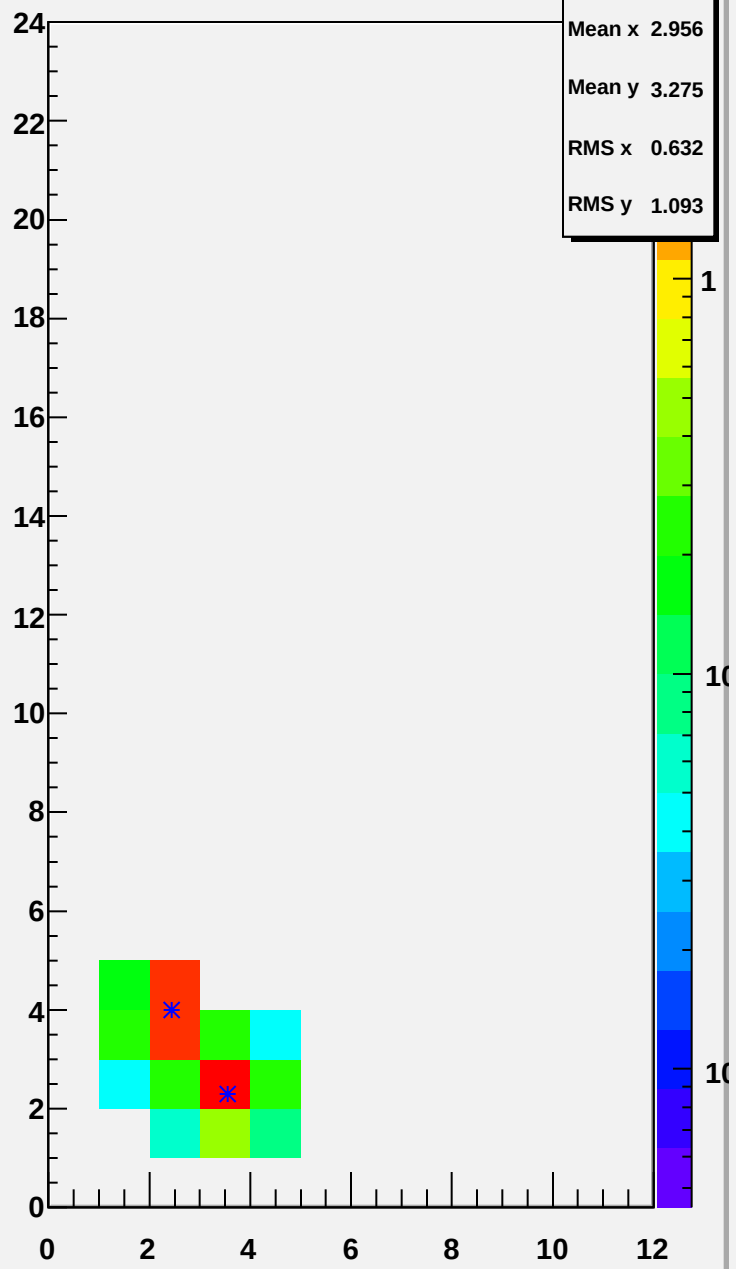
Efit

Entries	288
Mean x	3.073
Mean y	3.304
RMS x	1.513
RMS y	0.7903

NSTB3_r4_c3_En=11.9_m0=0.070 m1=0.070 index=1894



Fitted Energies



Efit

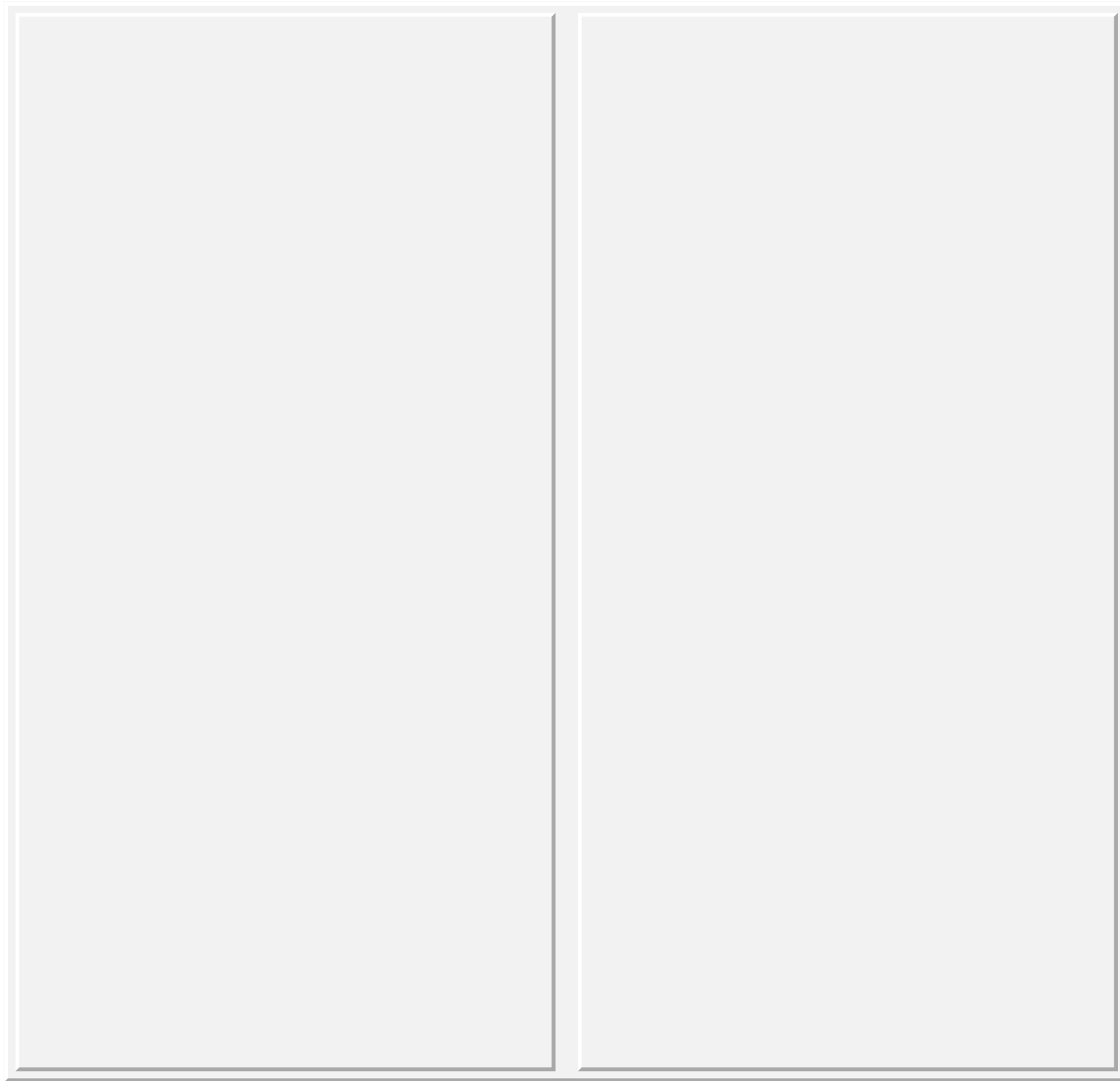
Entries 288

Mean x 2.956

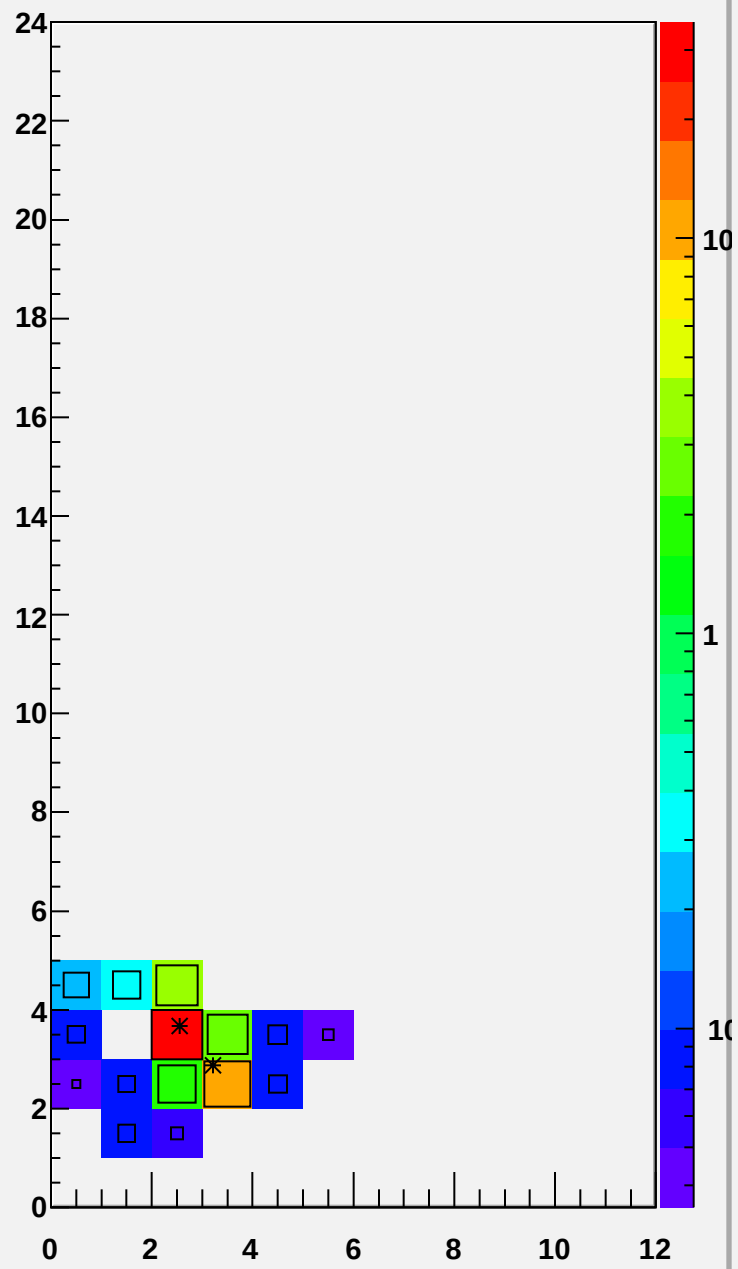
Mean y 3.275

RMS x 0.632

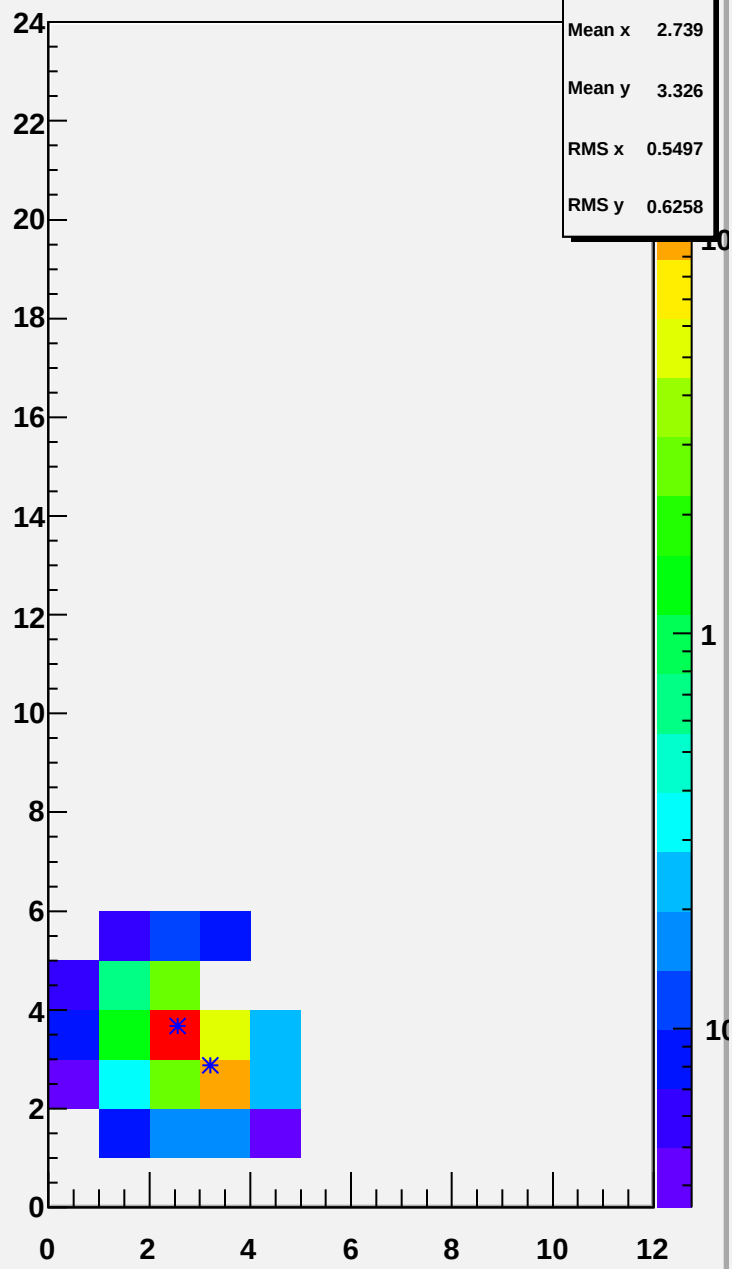
RMS y 1.093



NSTB3_r4_c3_En=55.0_m0=0.154 m1=0.154 index=1896



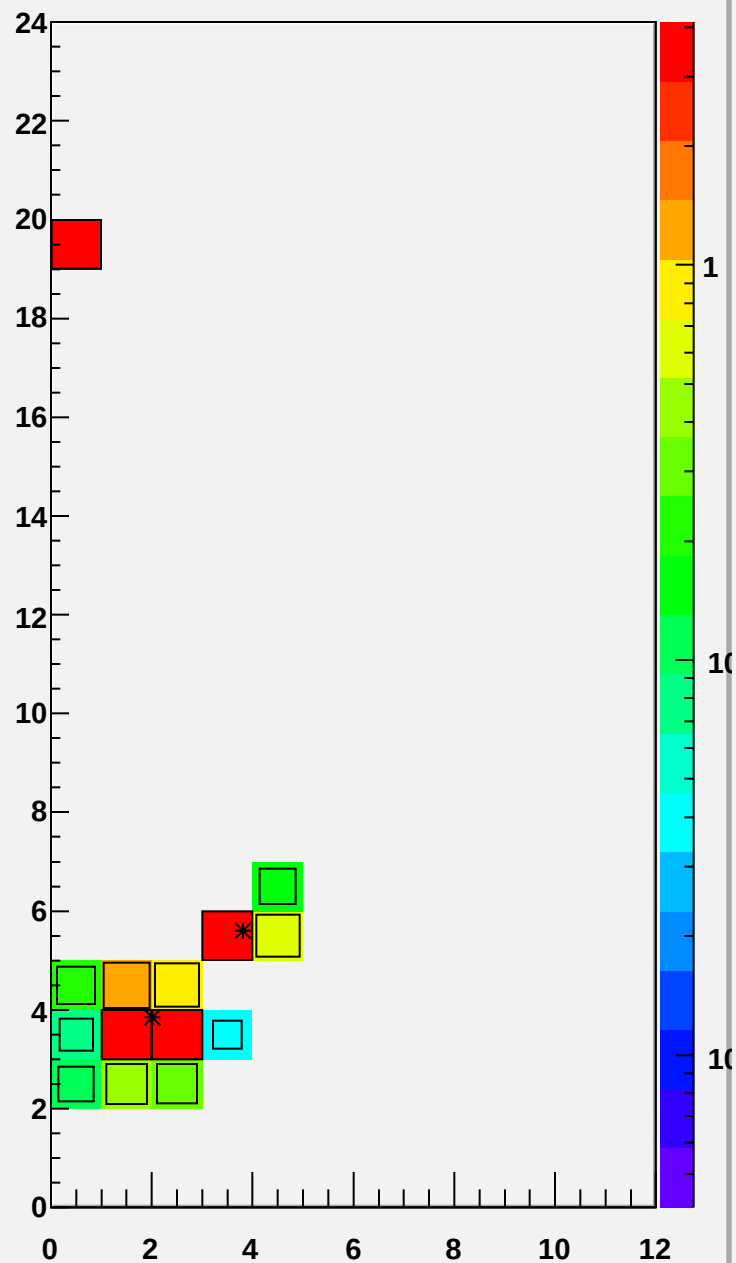
Fitted Energies



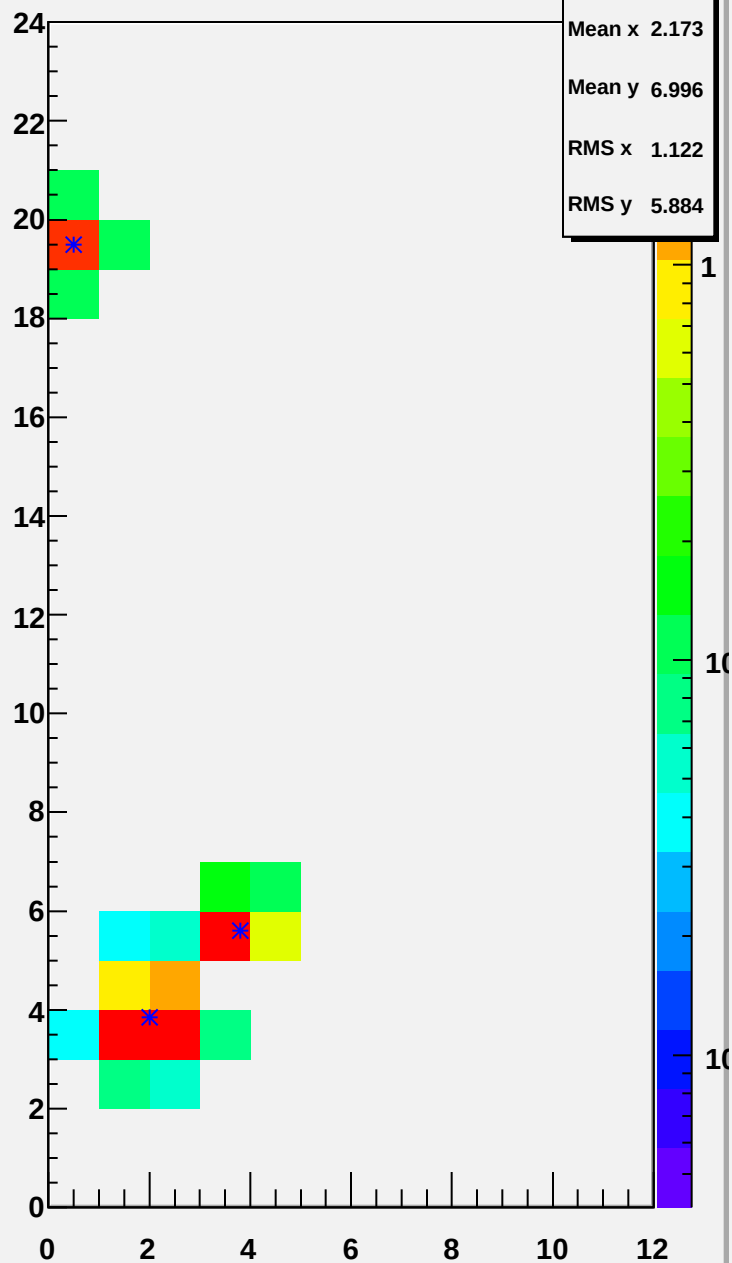
Efit

Entries	288
Mean x	2.739
Mean y	3.326
RMS x	0.5497
RMS y	0.6258

NSTB3_r4_c3_En=18.8_m0=0.098 m1=0.098 index=1897



Fitted Energies



Efit

Entries 288

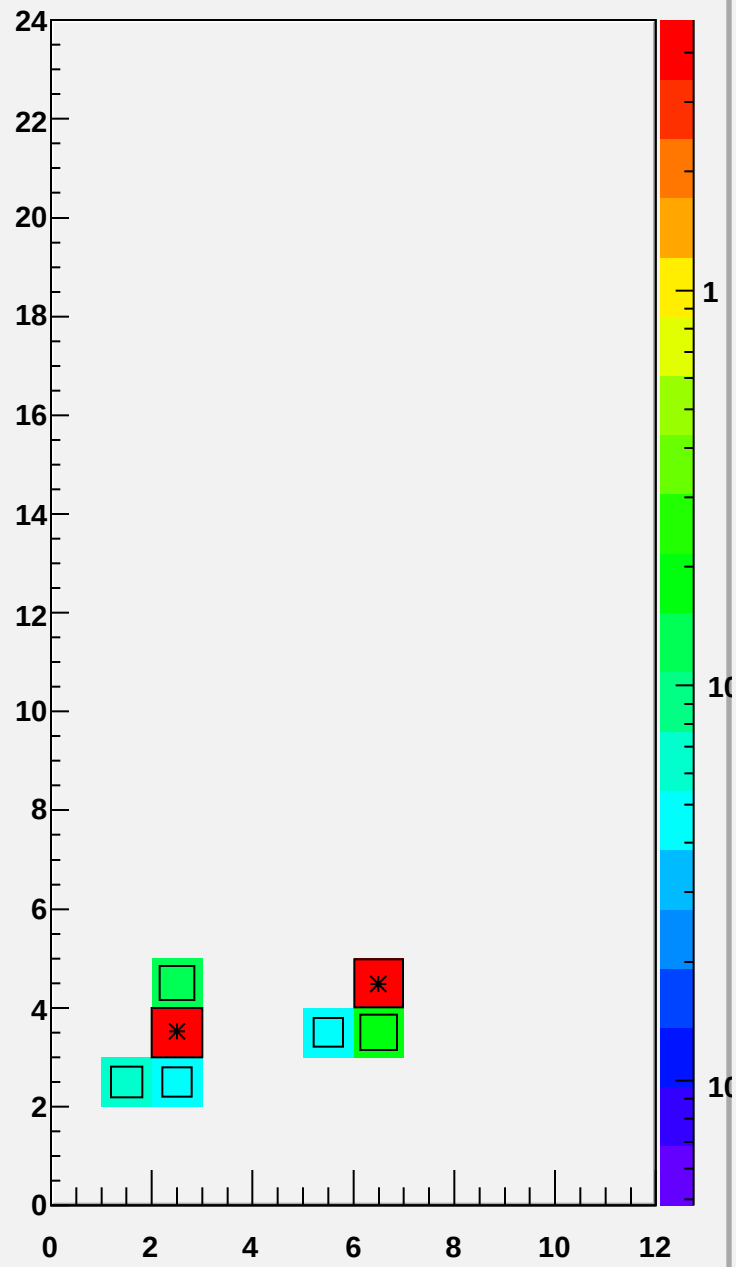
Mean x 2.173

Mean y 6.996

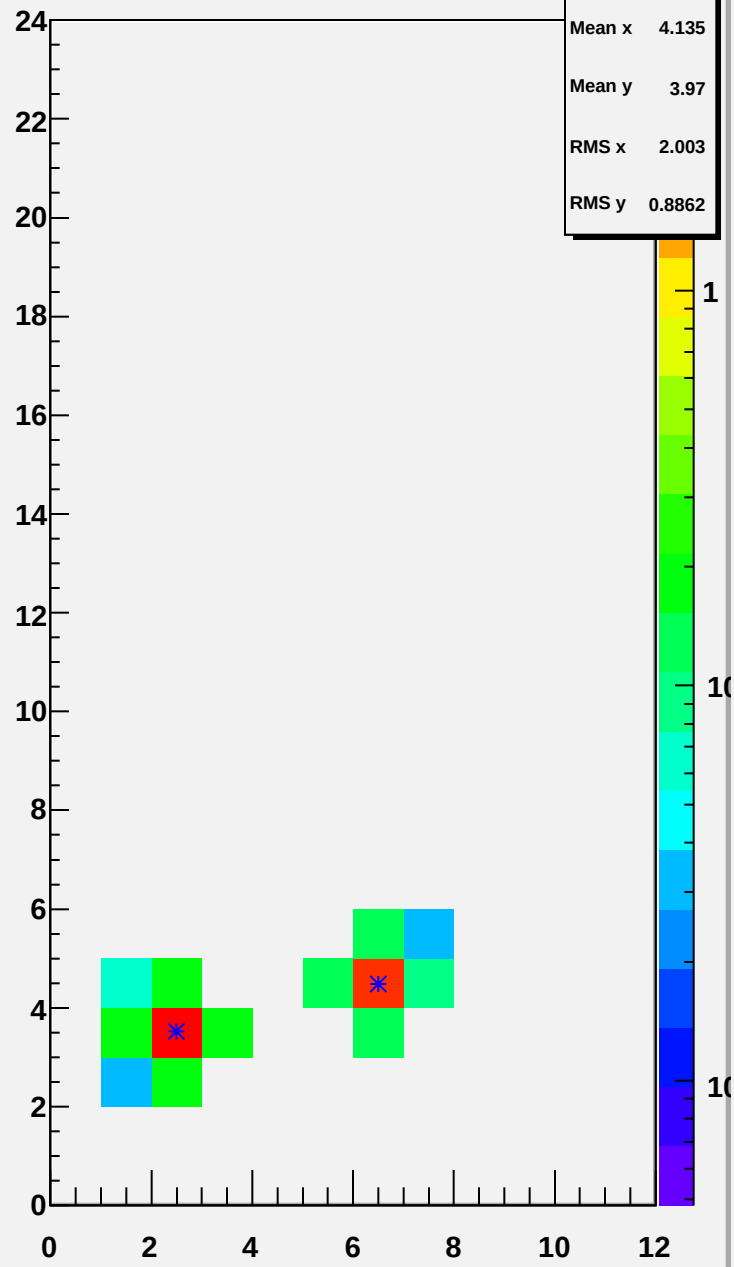
RMS x 1.122

RMS y 5.884

NSTB3_r4_c3_En= 8.7_m0=0.107 m1=0.107 index=1898



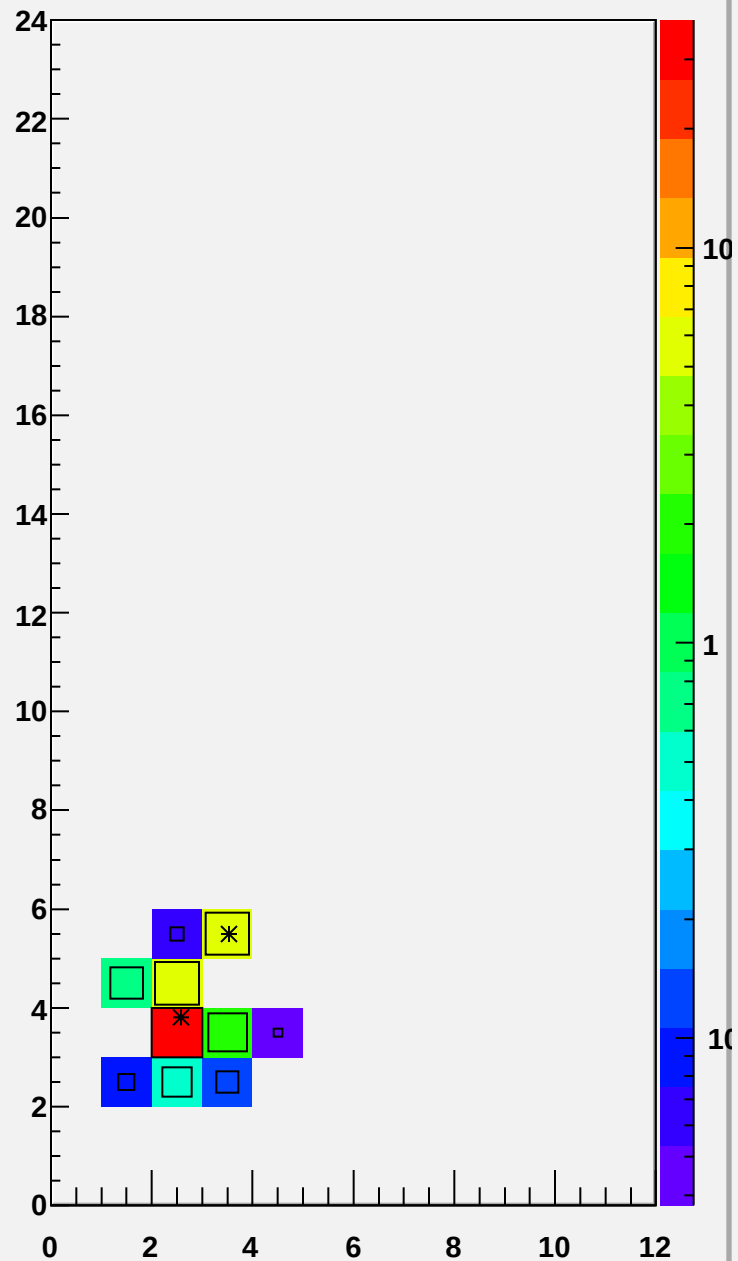
Fitted Energies



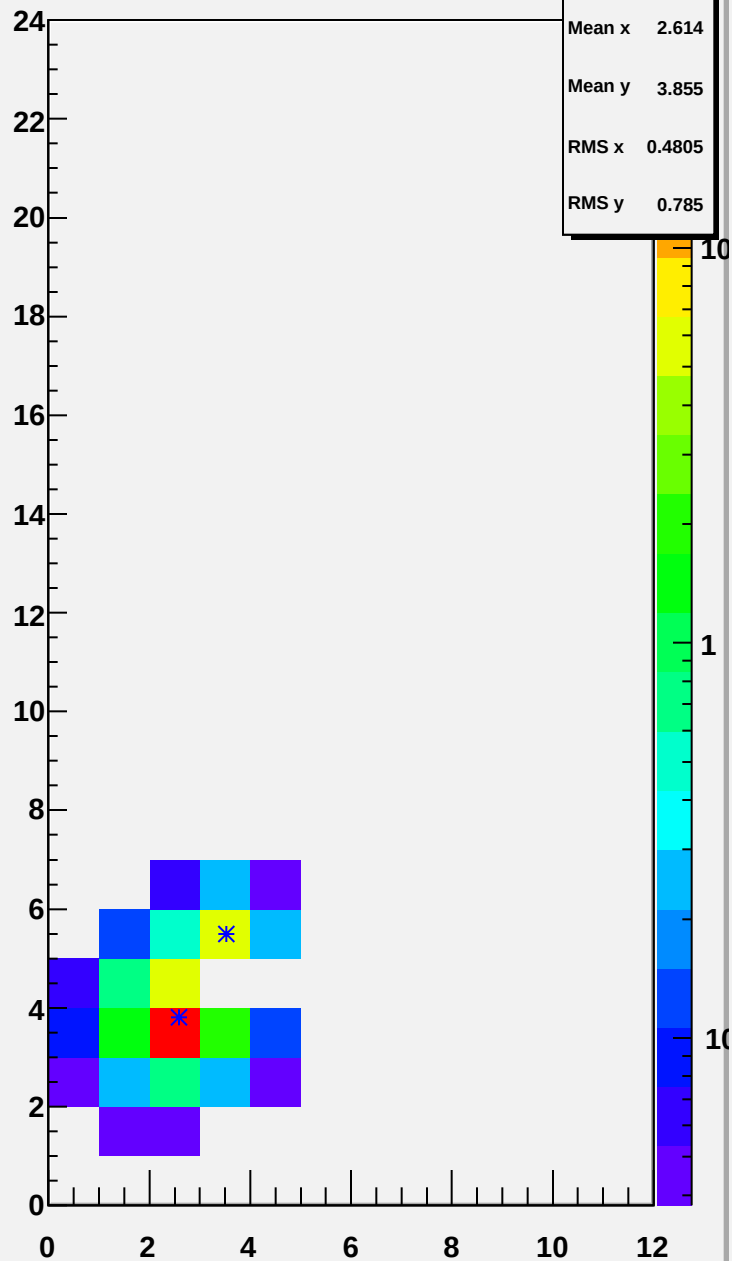
Efit

Entries	288
Mean x	4.135
Mean y	3.97
RMS x	2.003
RMS y	0.8862

NSTB3_r4_c3_En=53.5_m0=0.194 m1=0.194 index=1899



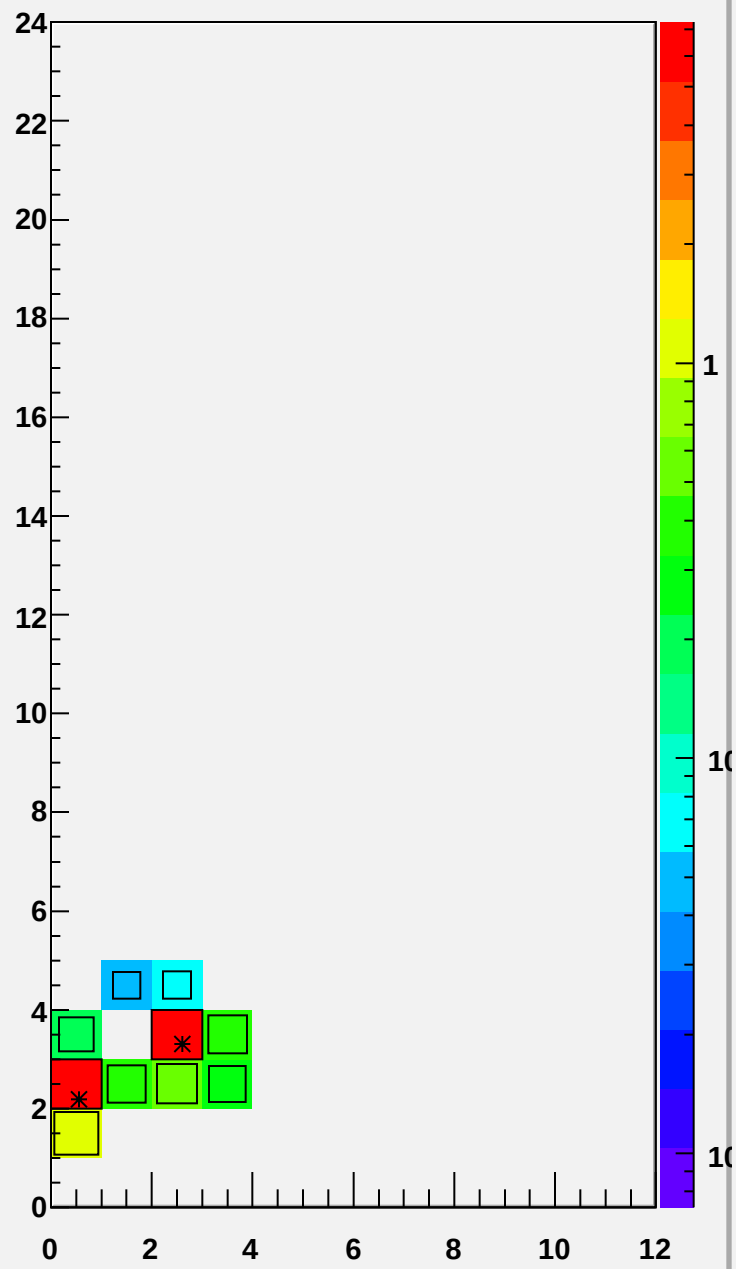
Fitted Energies



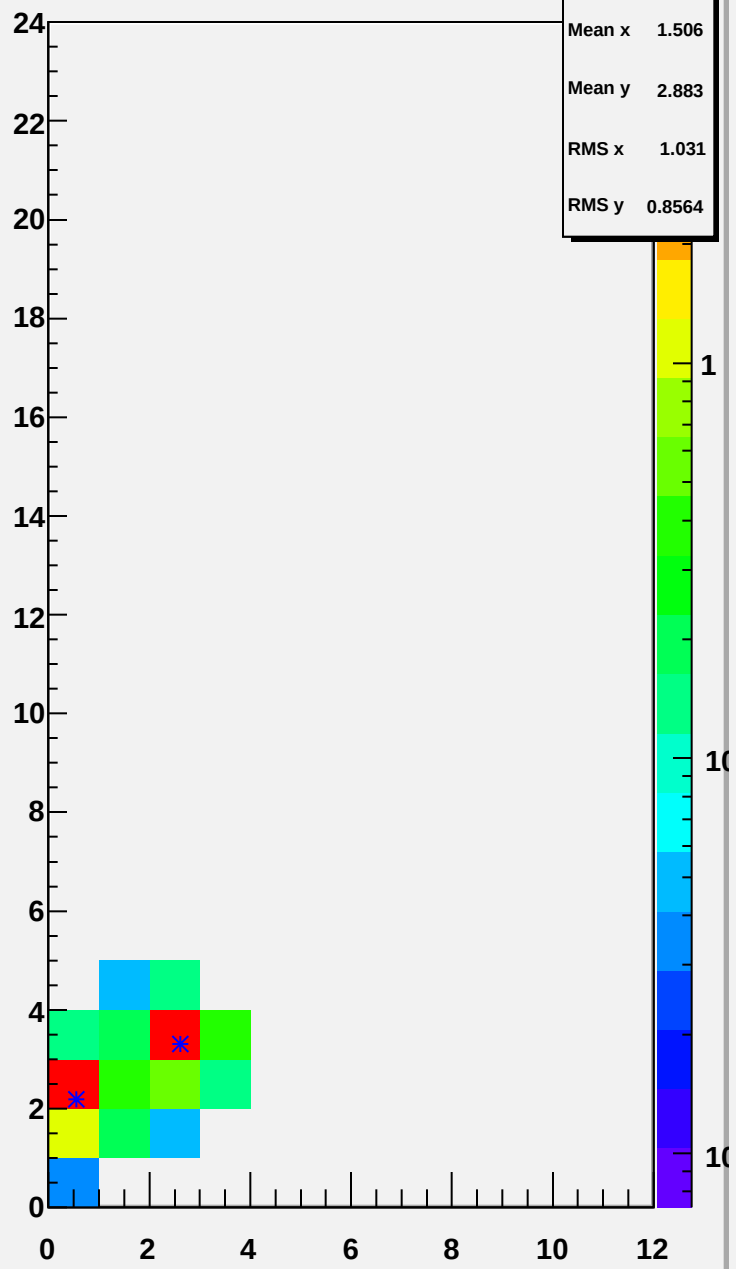
Efit

Entries	288
Mean x	2.614
Mean y	3.855
RMS x	0.4805
RMS y	0.785

NSTB3_r4_c3_En=17.4_m0=0.119 m1=0.119 index=1900



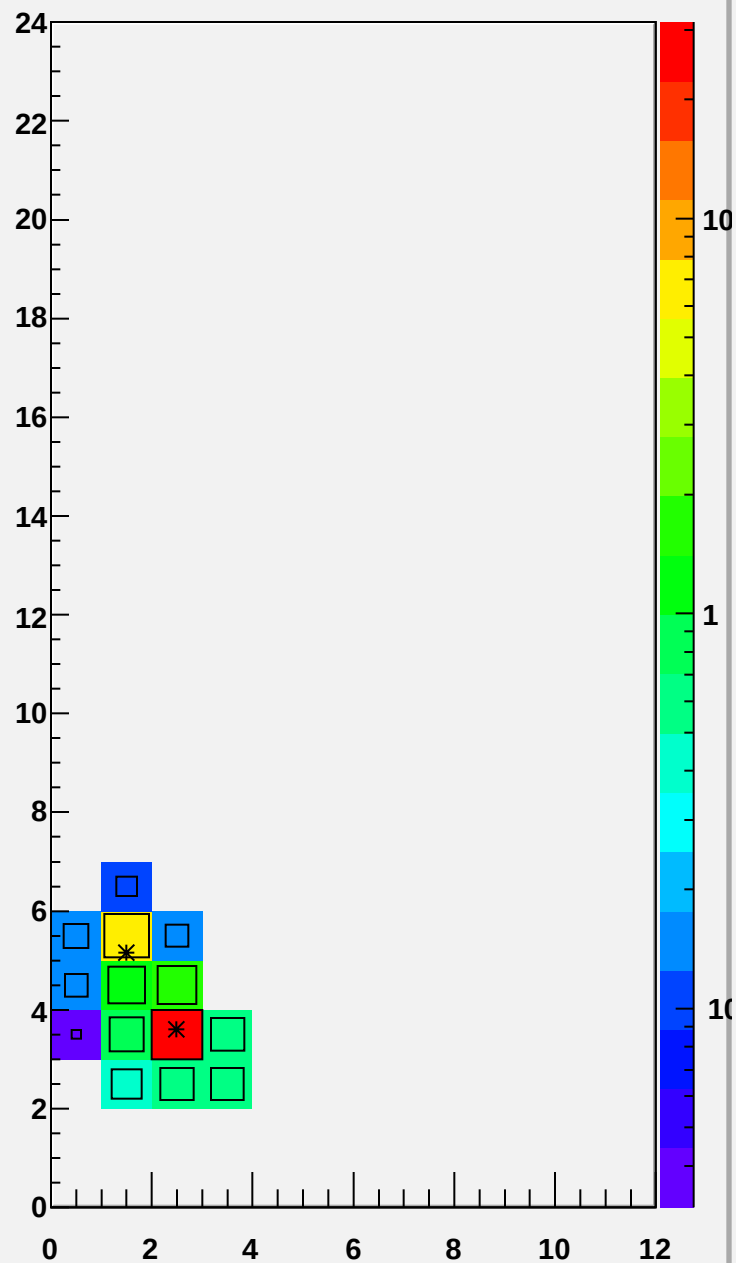
Fitted Energies



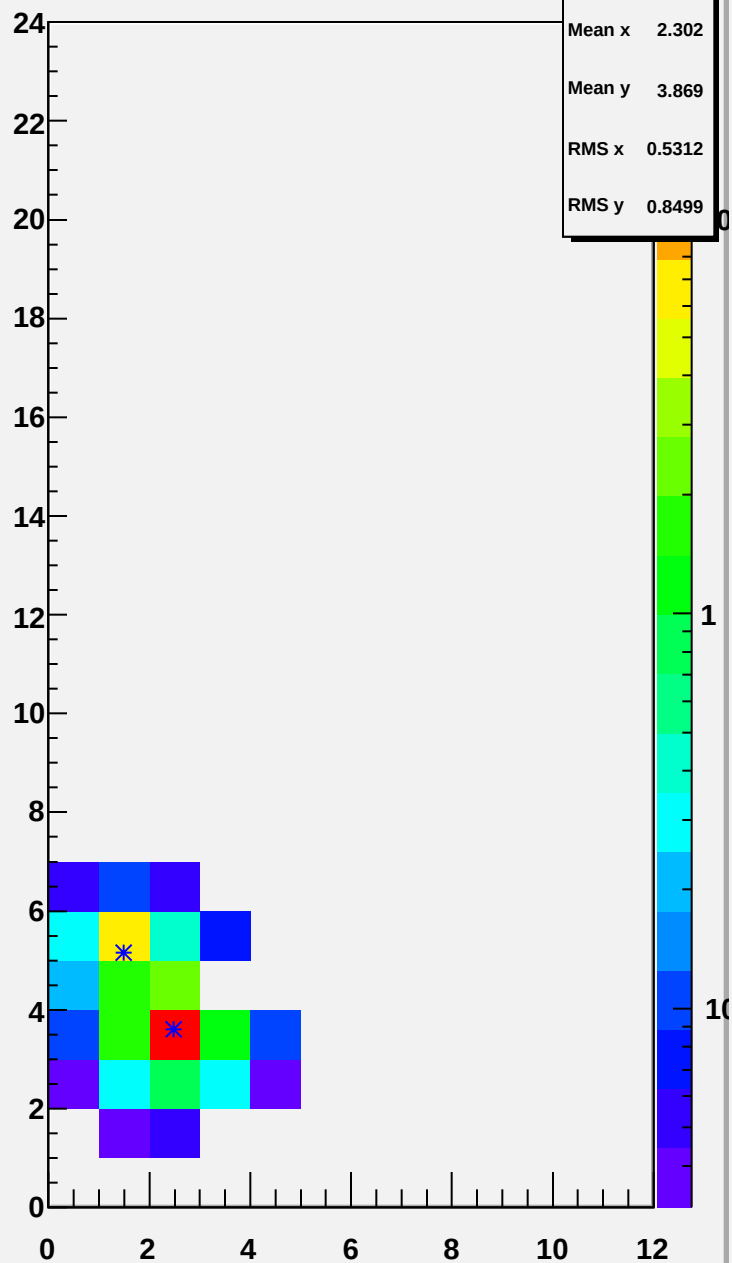
Efit

Entries	288
Mean x	1.506
Mean y	2.883
RMS x	1.031
RMS y	0.8564

NSTB3_r4_c3_En=44.2_m0=0.184_m1=0.184_index=1901



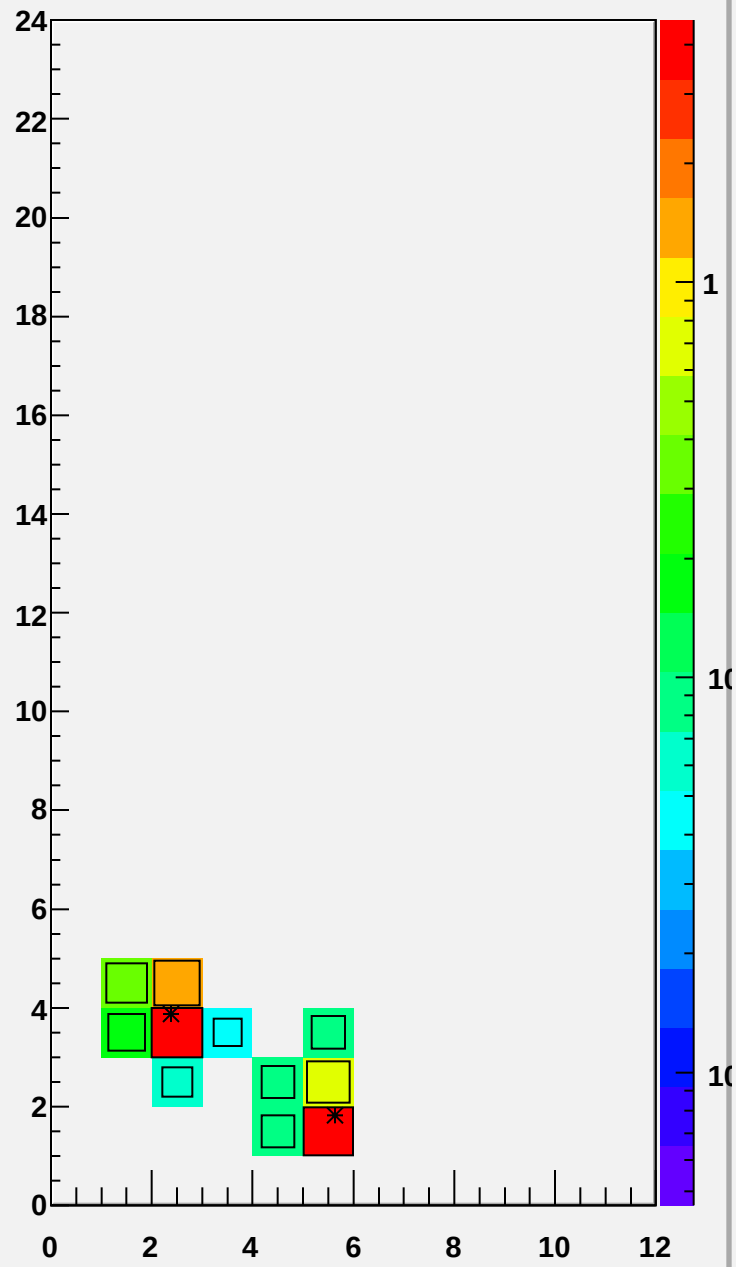
Fitted Energies



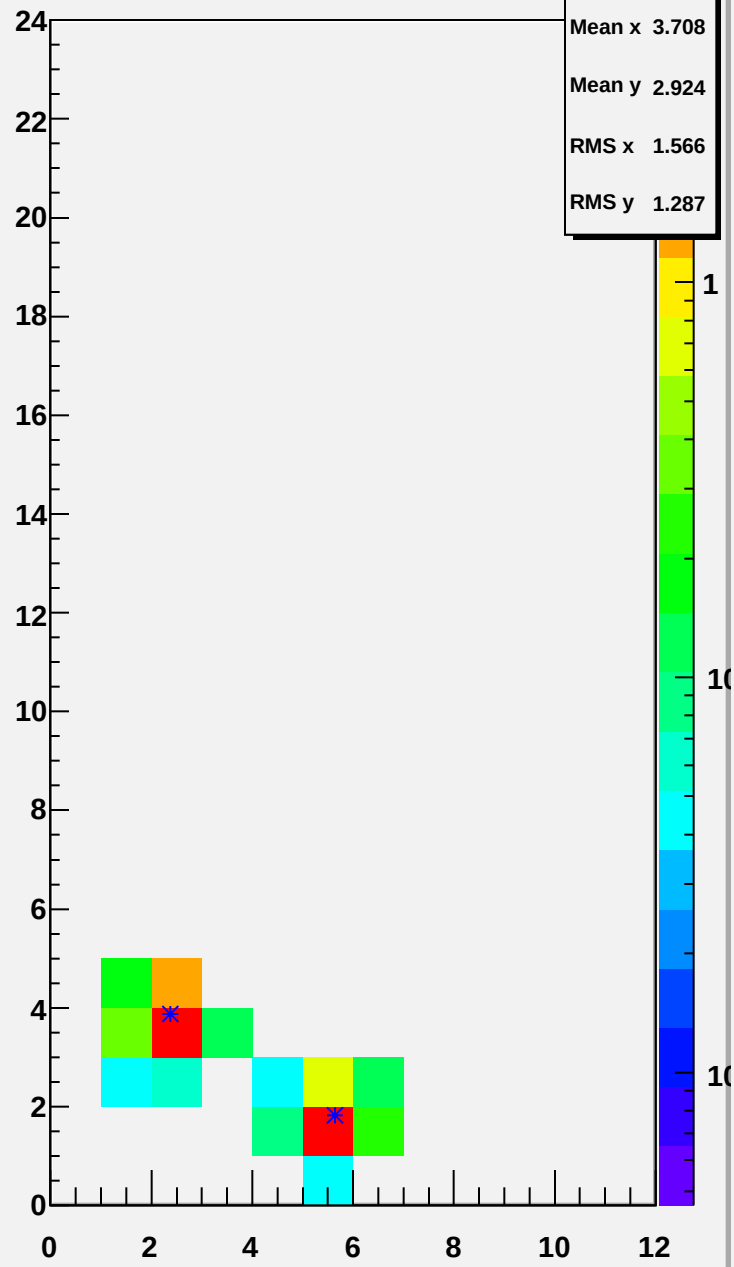
Efit

Entries	288
Mean x	2.302
Mean y	3.869
RMS x	0.5312
RMS y	0.8499

NSTB3_r4_c3_En=10.9_m0=0.120 m1=0.120 index=1902



Fitted Energies



Efit

Entries 288

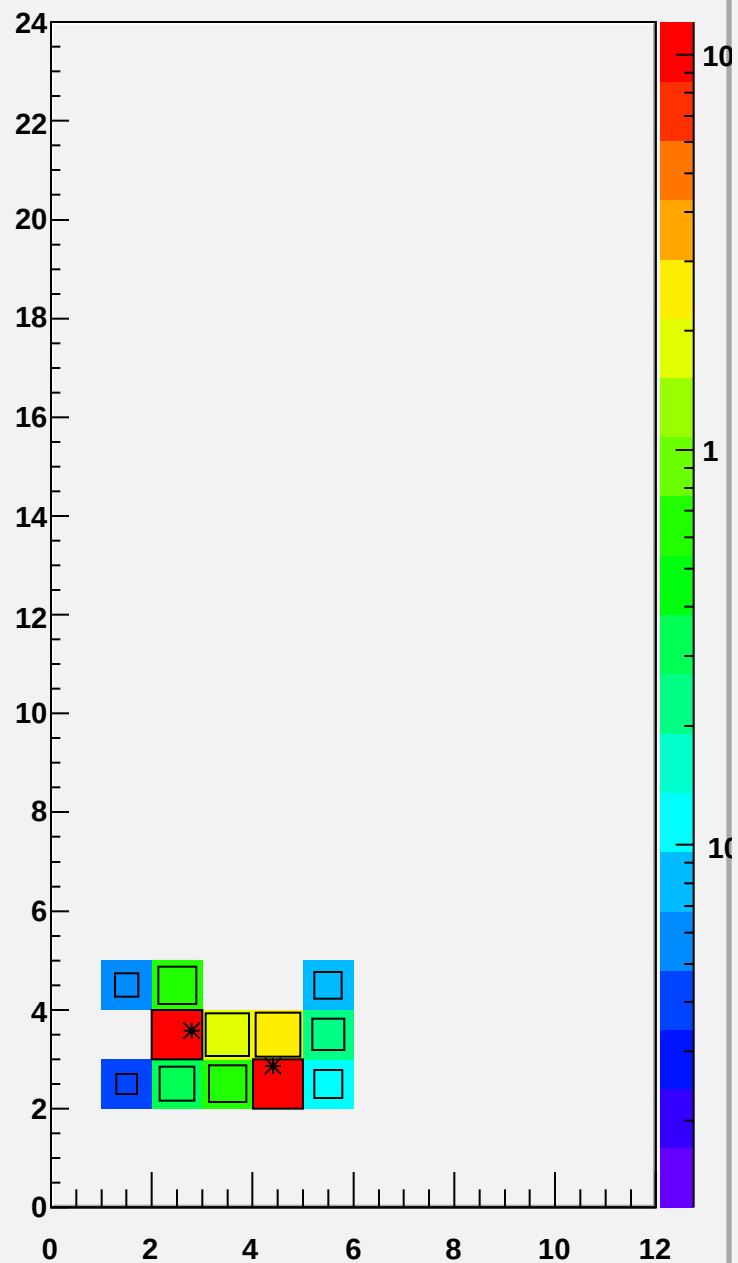
Mean x 3.708

Mean y 2.924

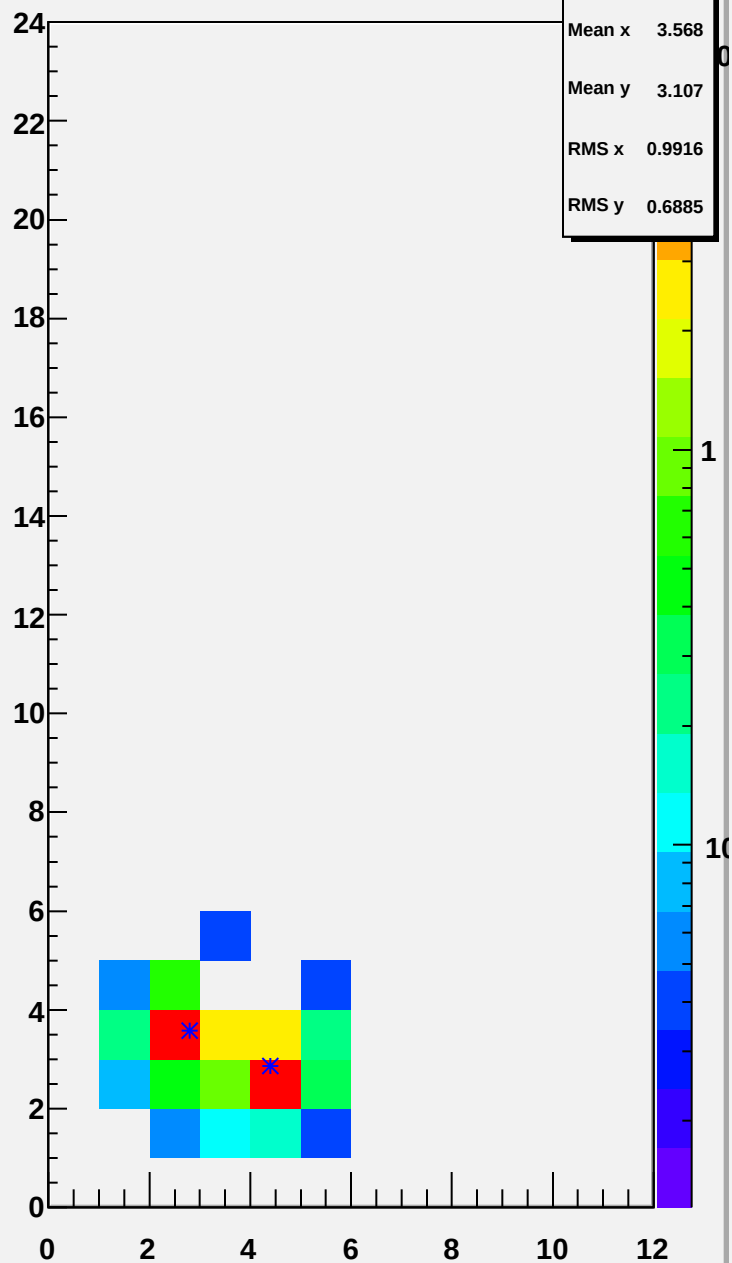
RMS x 1.566

RMS y 1.287

NSTB3_r4_c3_En=30.8_m0=0.159 m1=0.159 index=1904



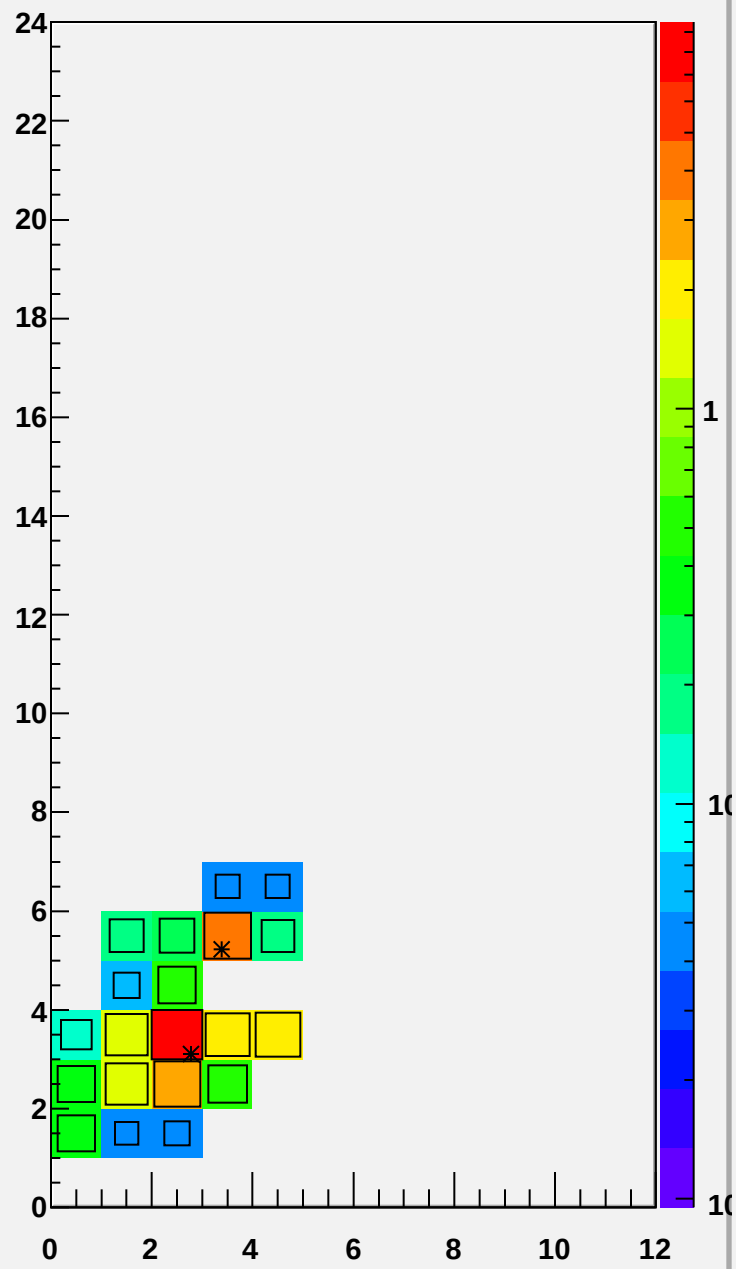
Fitted Energies



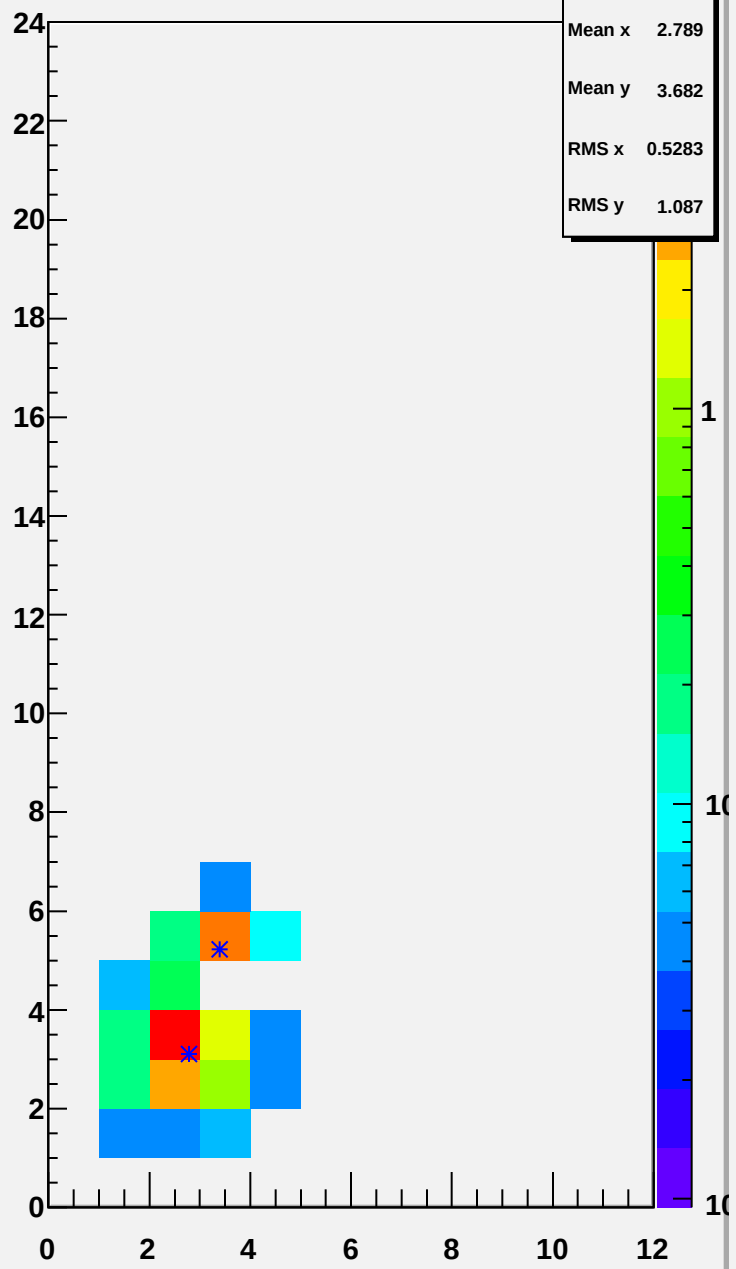
Efit

Entries	288
Mean x	3.568
Mean y	3.107
RMS x	0.9916
RMS y	0.6885

NSTB3_r4_c3_En=25.2_m0=0.108 m1=0.108 index=1905



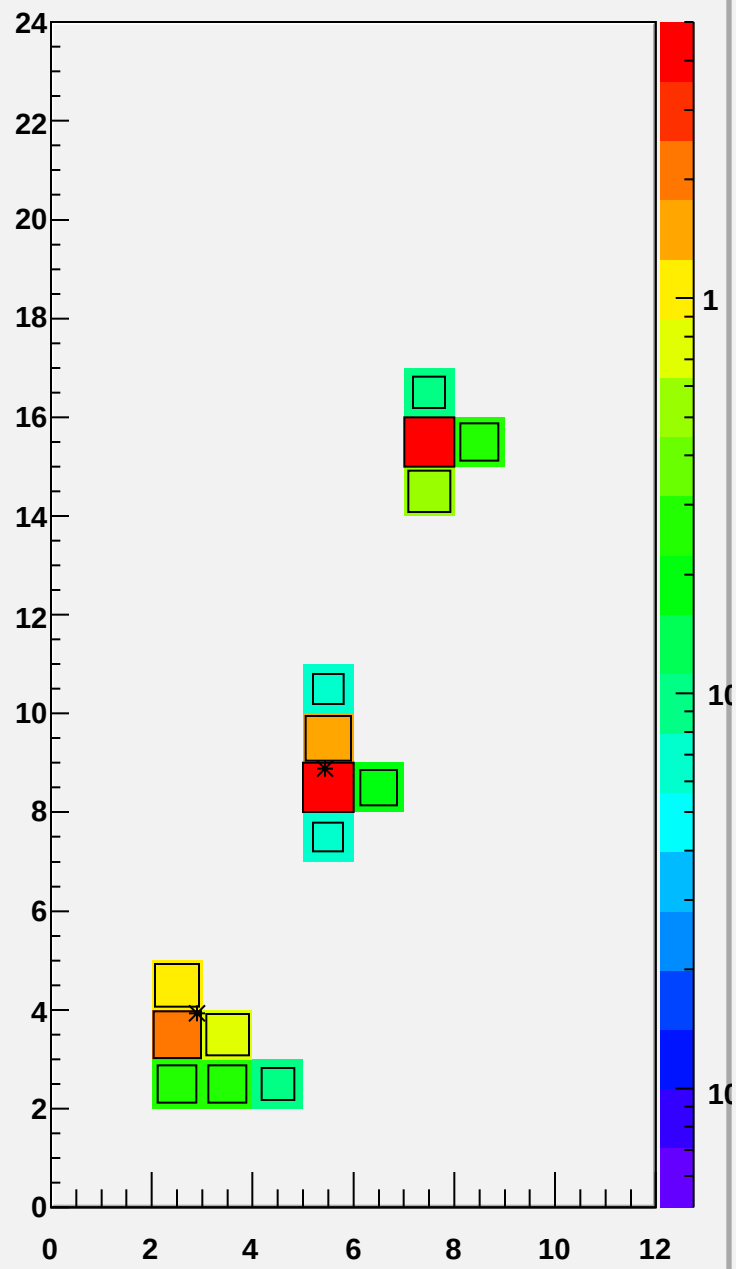
Fitted Energies



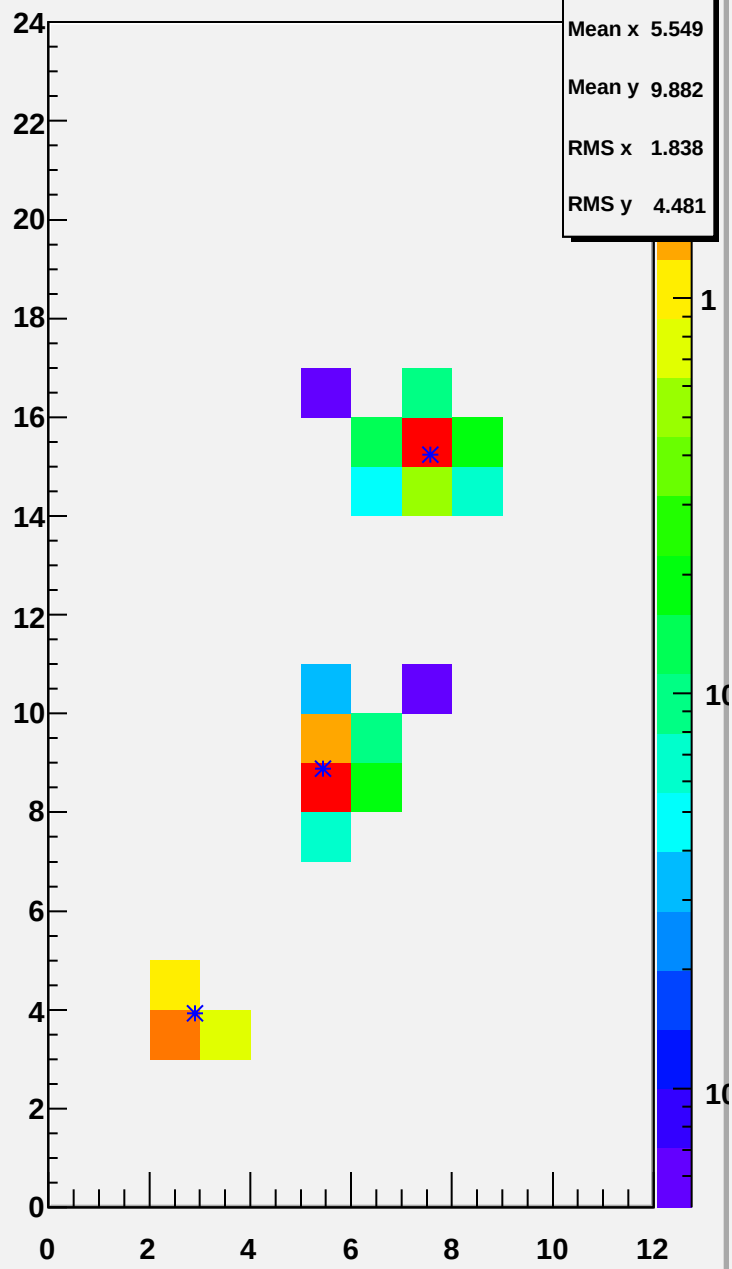
Efit

Entries	288
Mean x	2.789
Mean y	3.682
RMS x	0.5283
RMS y	1.087

NSTB3_r4_c3_En=16.6_m0=0.178 m1=0.178 index=1906



Fitted Energies



Efit

Entries 288

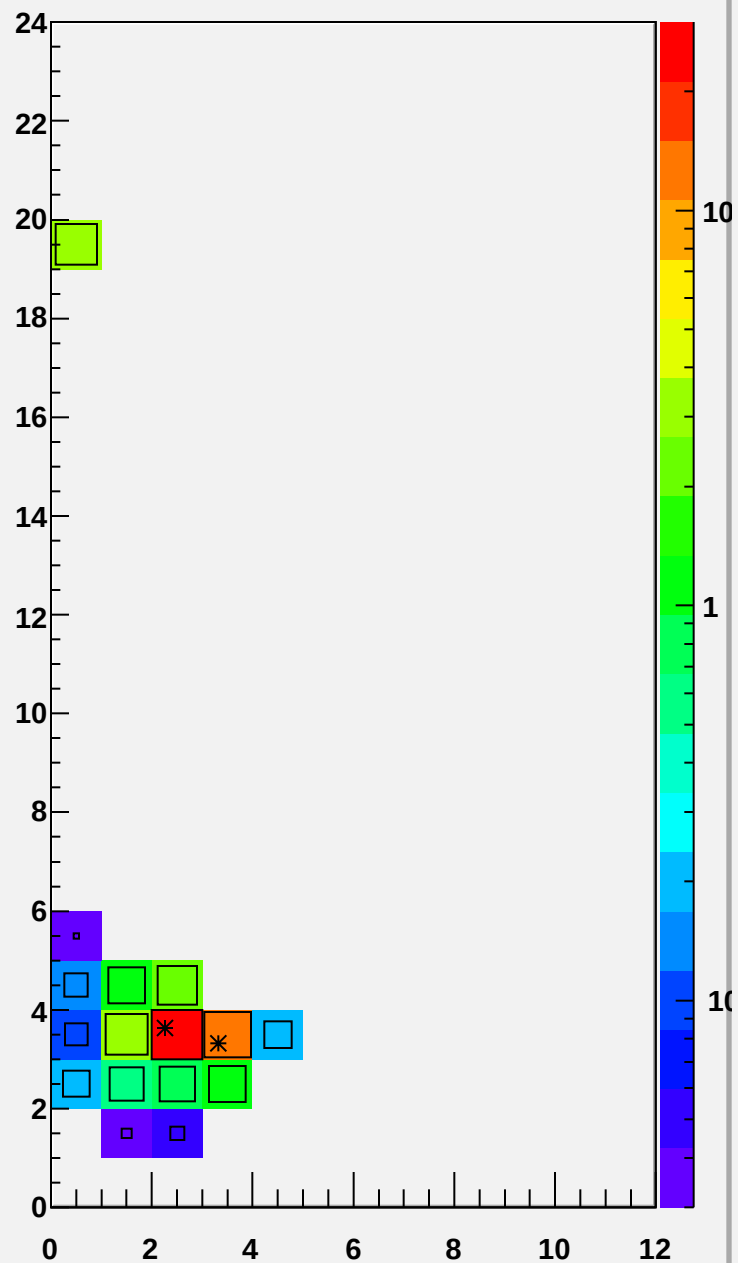
Mean x 5.549

Mean y 9.882

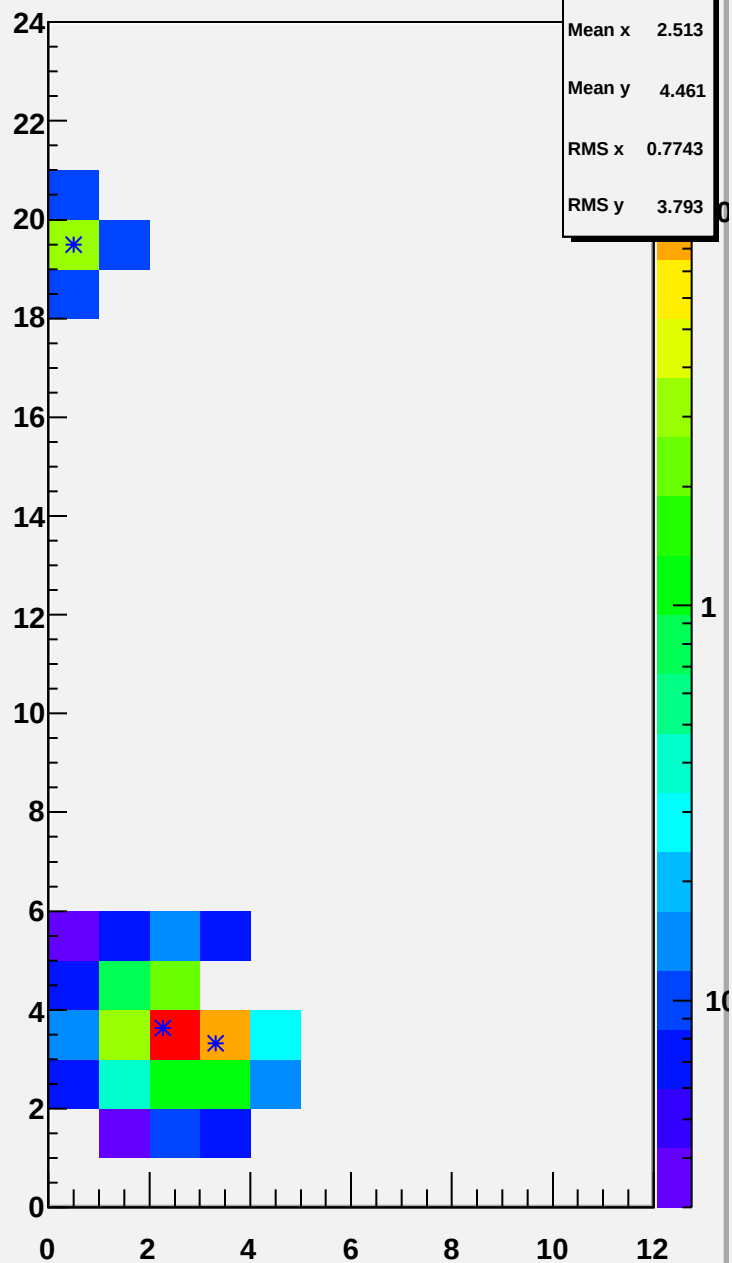
RMS x 1.838

RMS y 4.481

NSTB3_r4_c3_En=53.9_m0=0.131 m1=0.131 index=1907



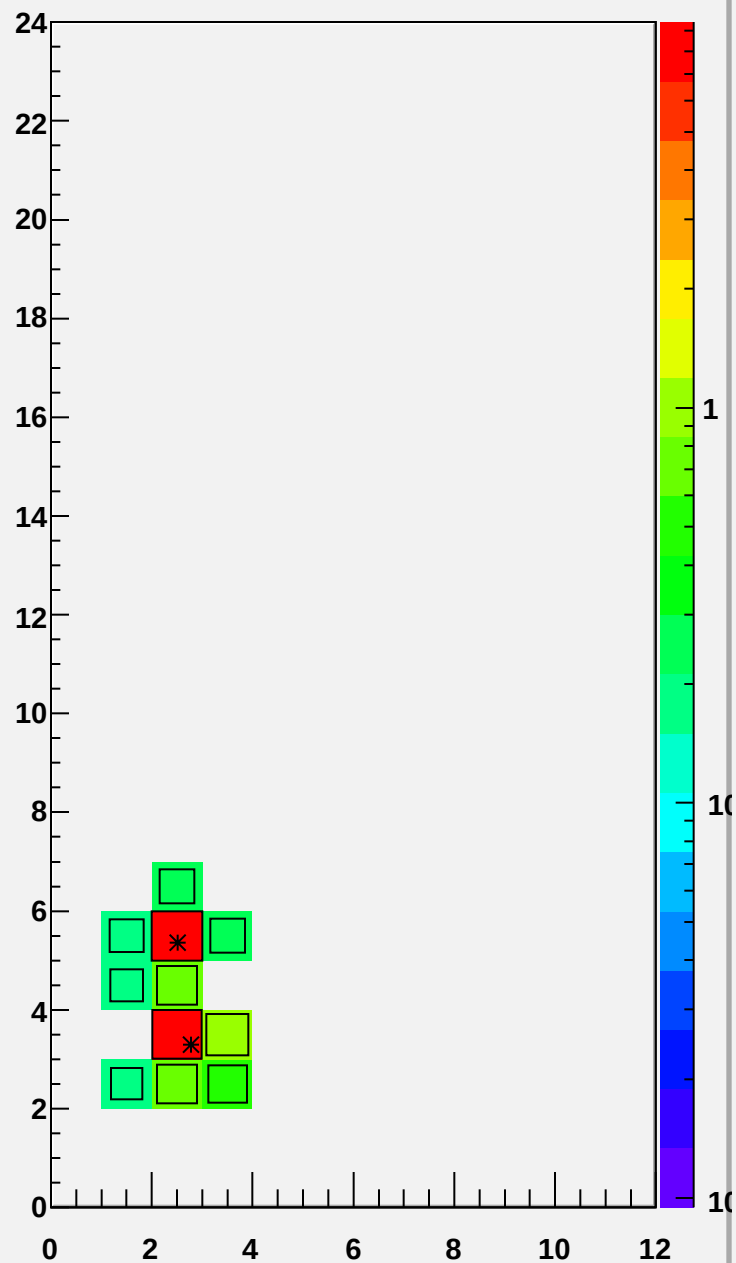
Fitted Energies



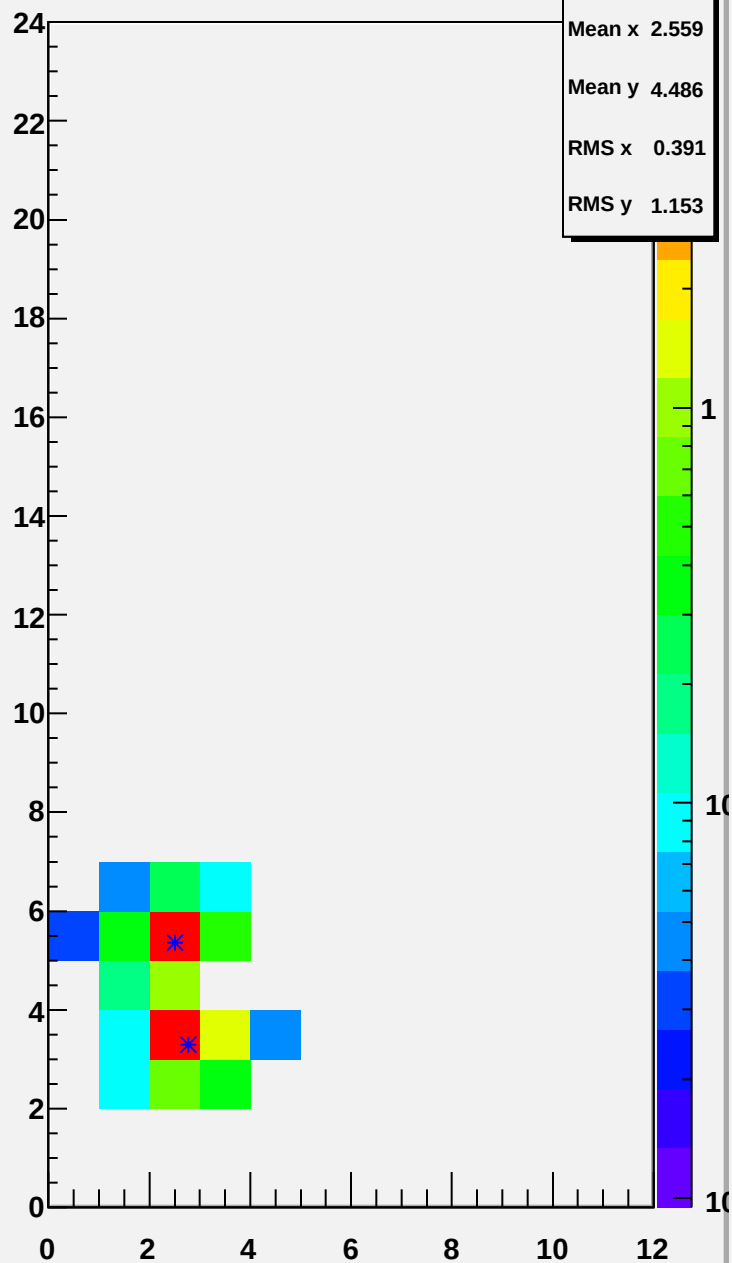
Efit

Entries	288
Mean x	2.513
Mean y	4.461
RMS x	0.7743
RMS y	3.793

NSTB3_r4_c3_En=21.6_m0=0.130 m1=0.130 index=1909



Fitted Energies



Efit

Entries 288

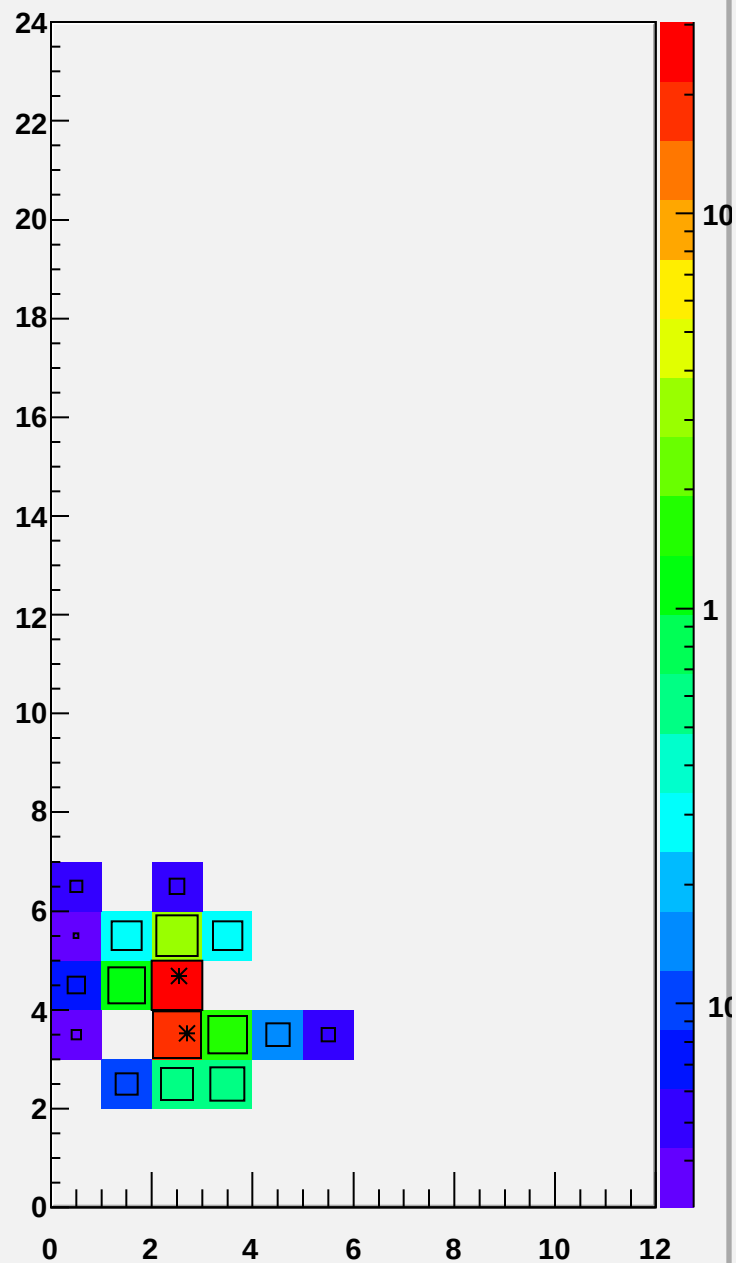
Mean x 2.559

Mean y 4.486

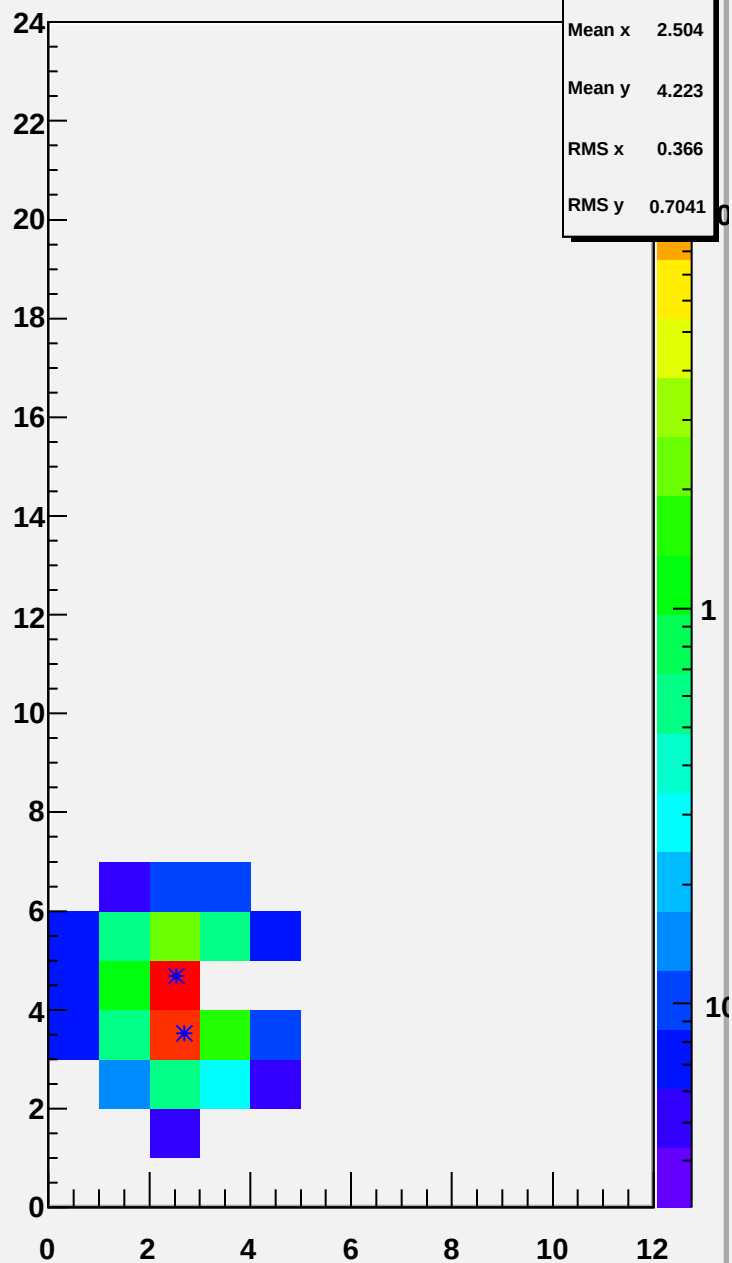
RMS x 0.391

RMS y 1.153

NSTB3_r4_c3_En=54.2_m0=0.171 m1=0.171 index=1911



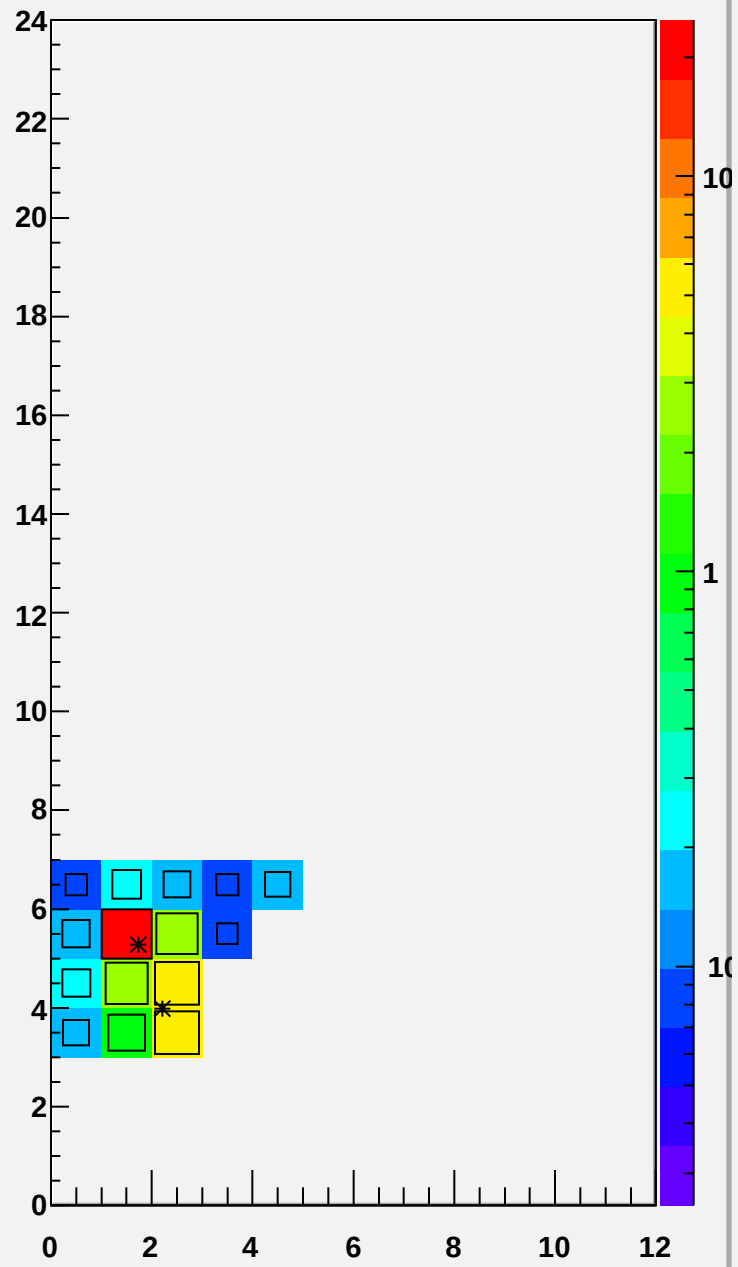
Fitted Energies



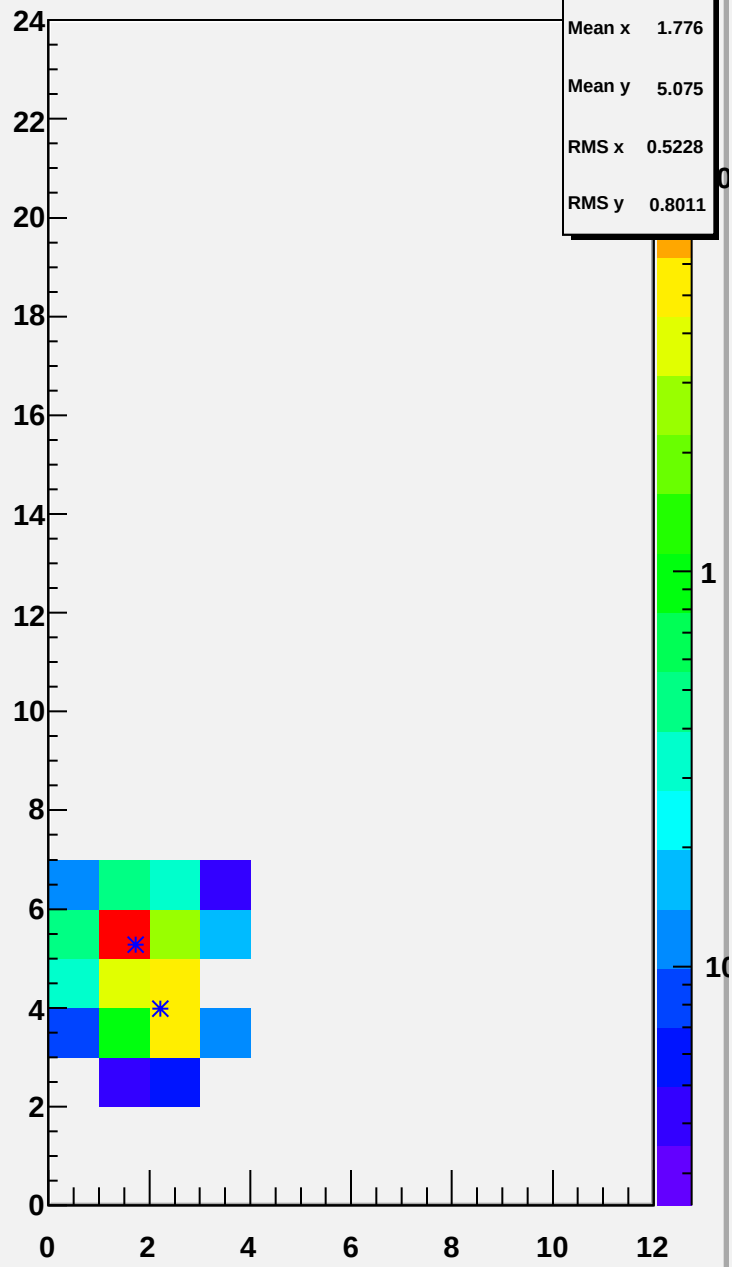
Efit

Entries	288
Mean x	2.504
Mean y	4.223
RMS x	0.366
RMS y	0.7041

NSTB3_r4_c3_En=41.9_m0=0.140 m1=0.140 index=1912



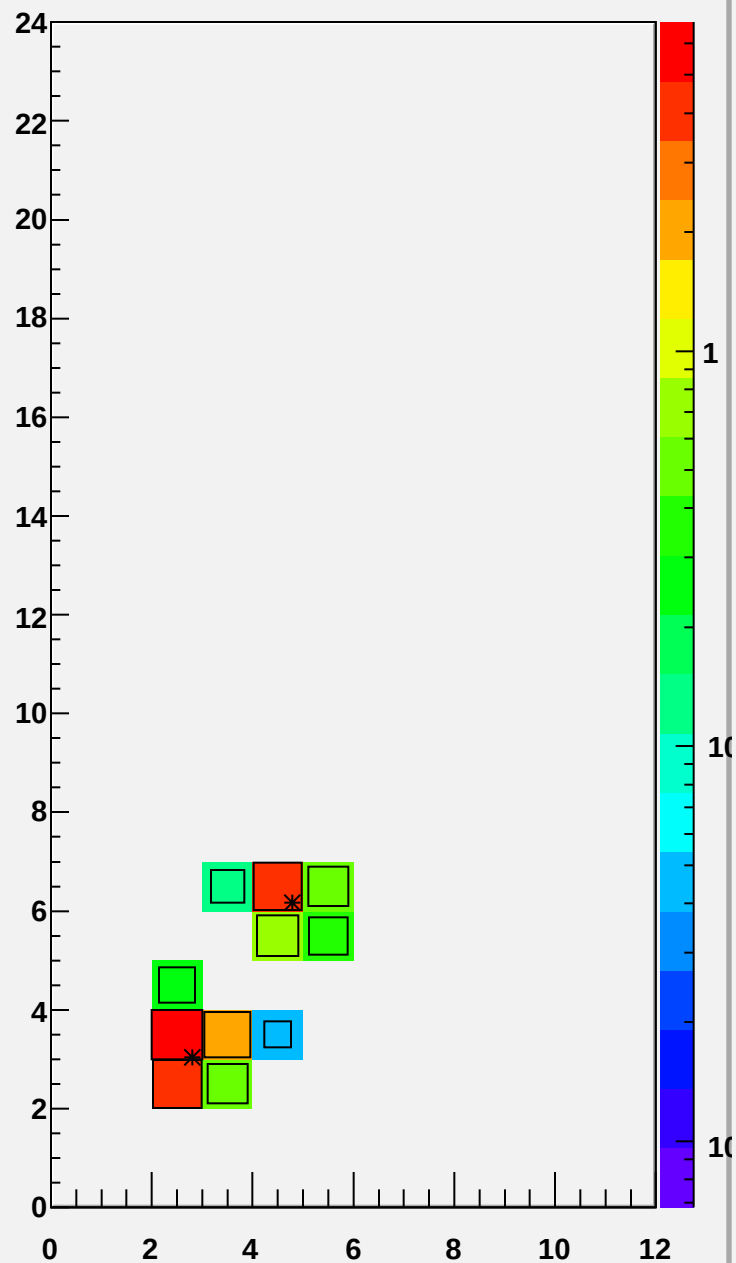
Fitted Energies



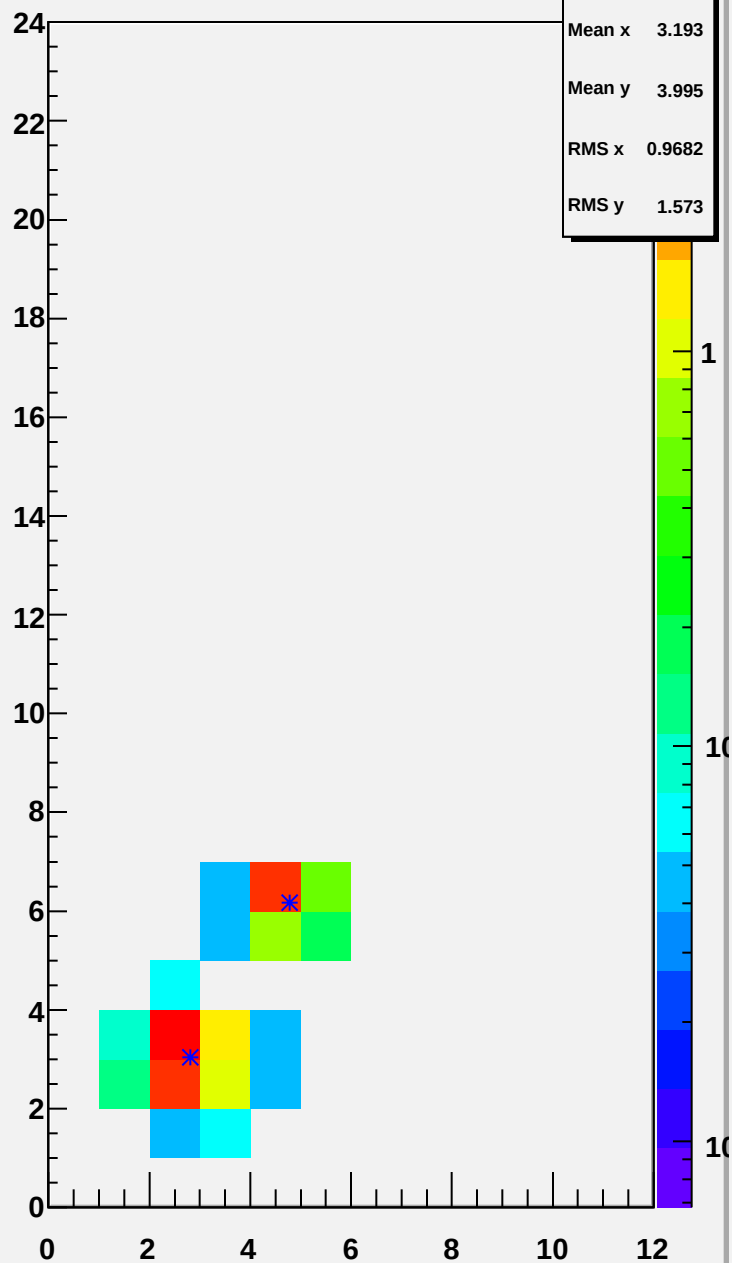
Efit

Entries	288
Mean x	1.776
Mean y	5.075
RMS x	0.5228
RMS y	0.8011

NSTB3_r4_c3_En=19.4_m0=0.179 m1=0.179 index=1913



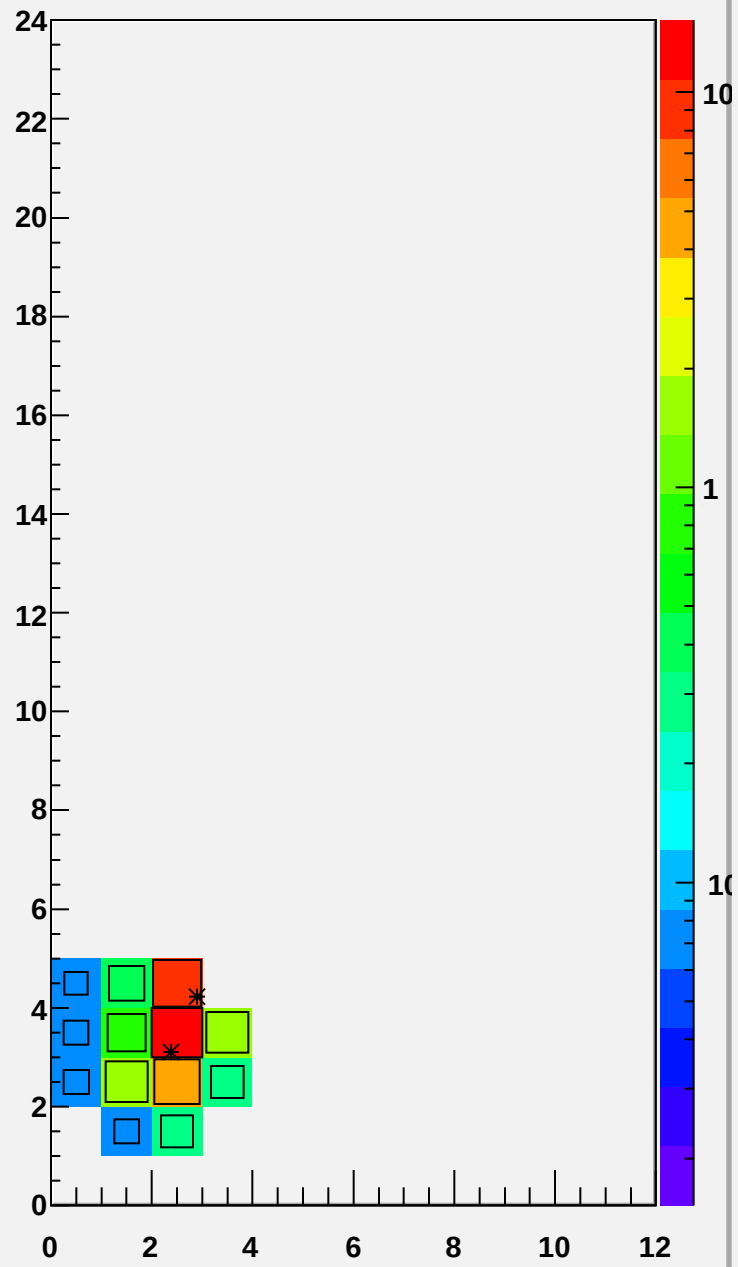
Fitted Energies



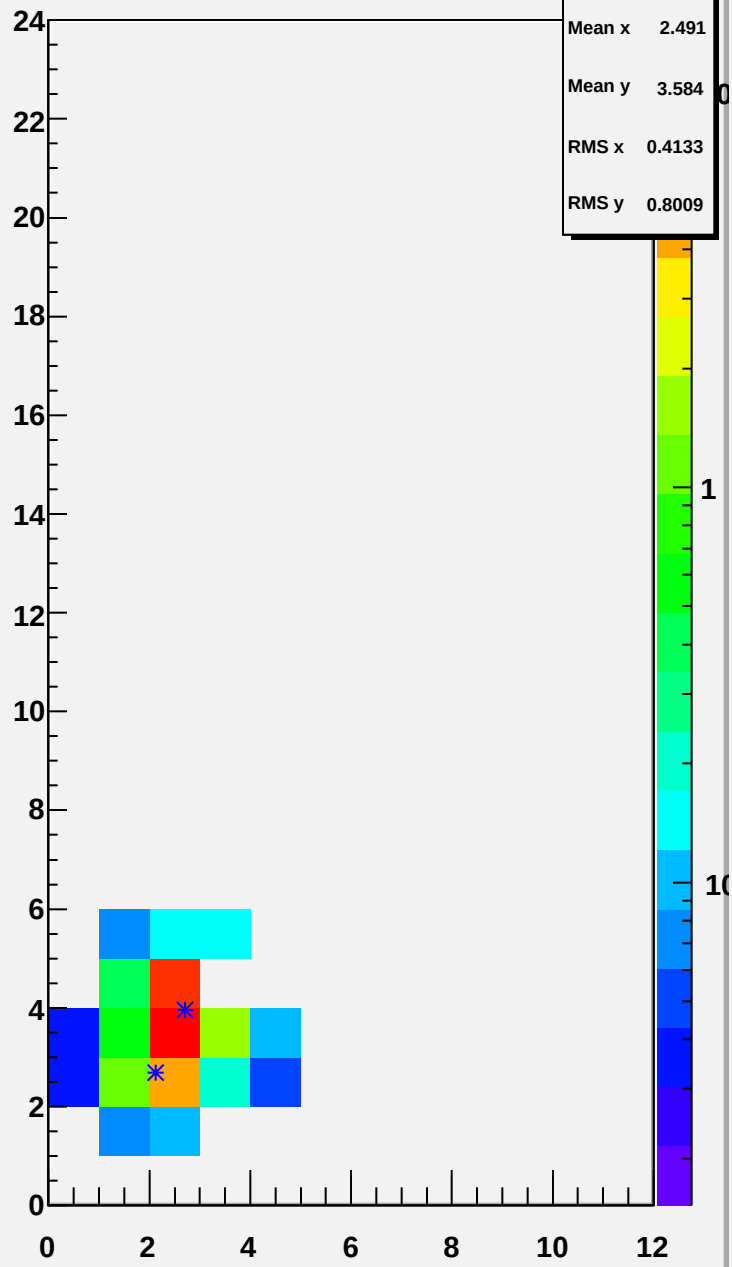
Efit

Entries	288
Mean x	3.193
Mean y	3.995
RMS x	0.9682
RMS y	1.573

NSTB3_r4_c3_En=33.0_m0=0.110 m1=0.104 index=1914

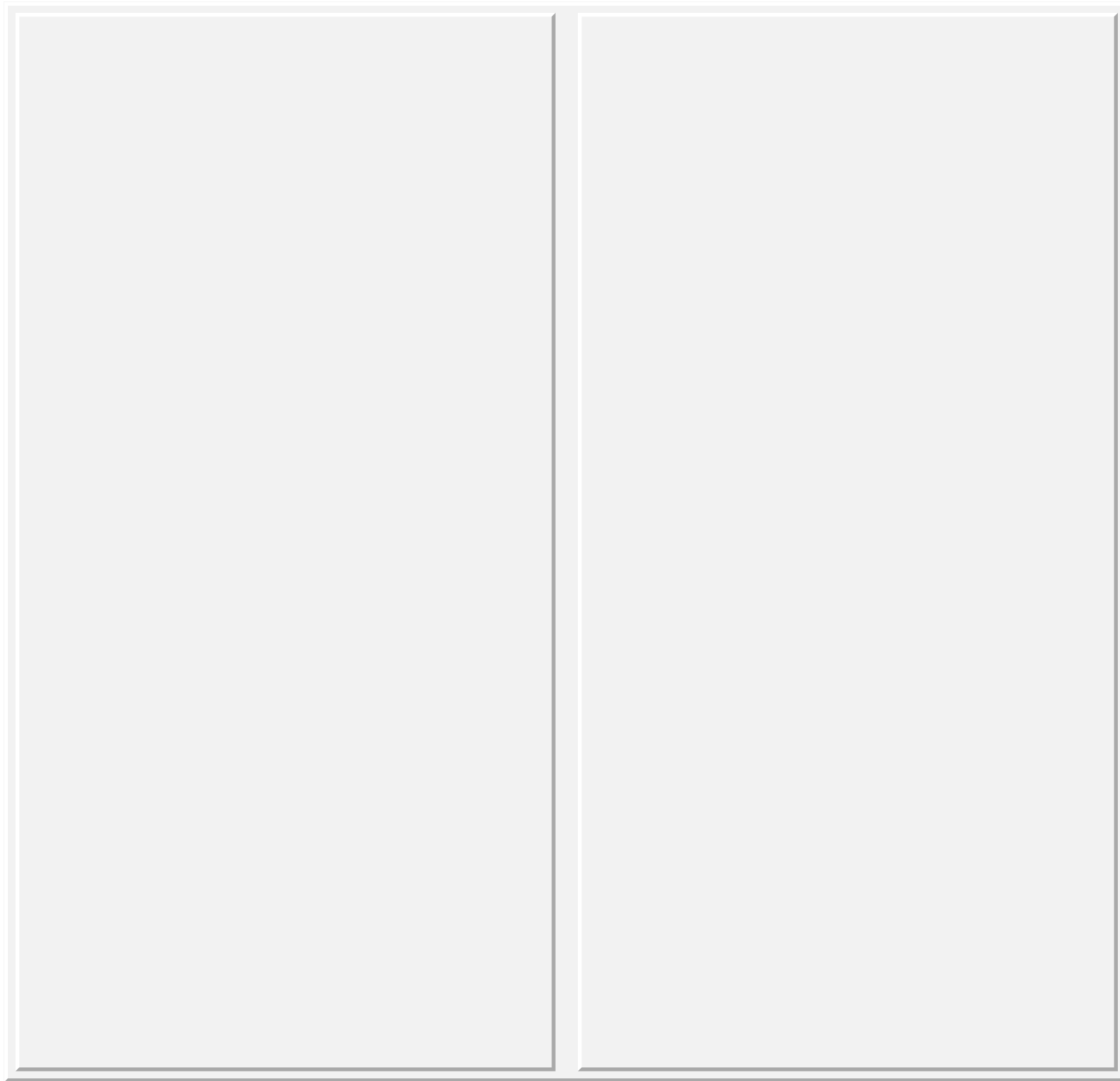


Fitted Energies

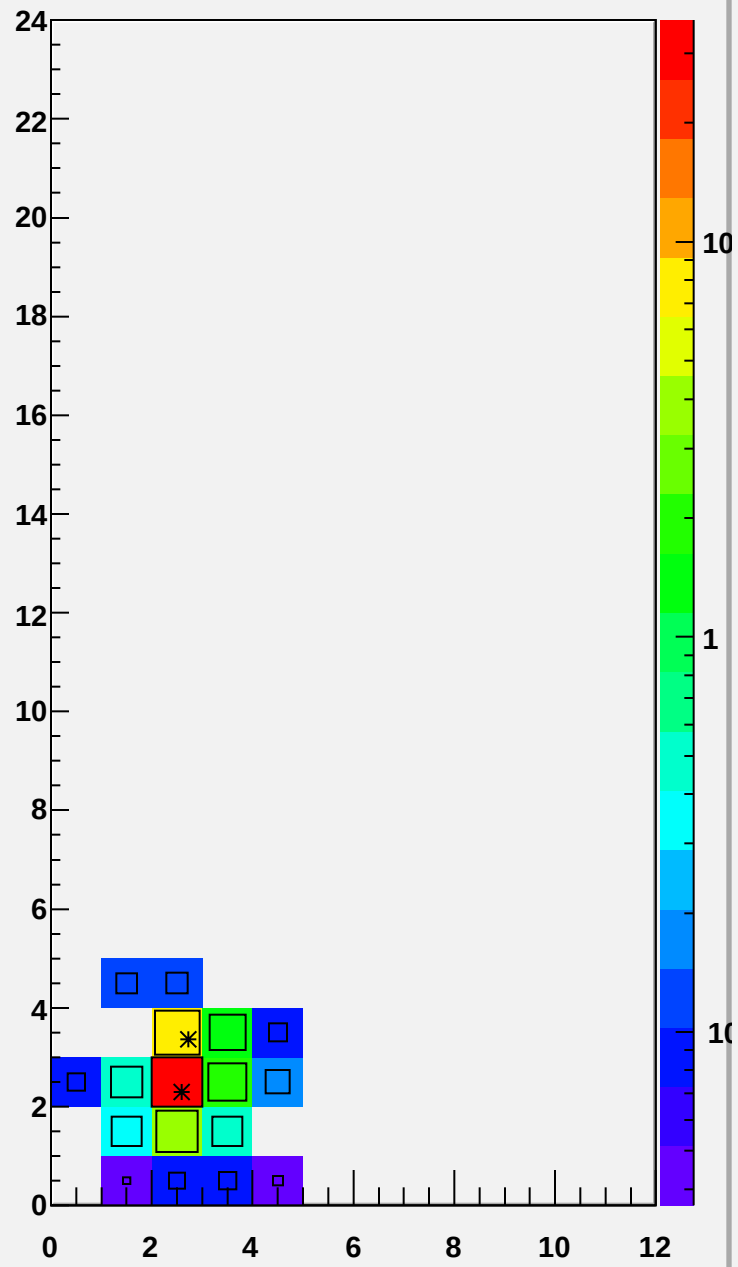


Efit

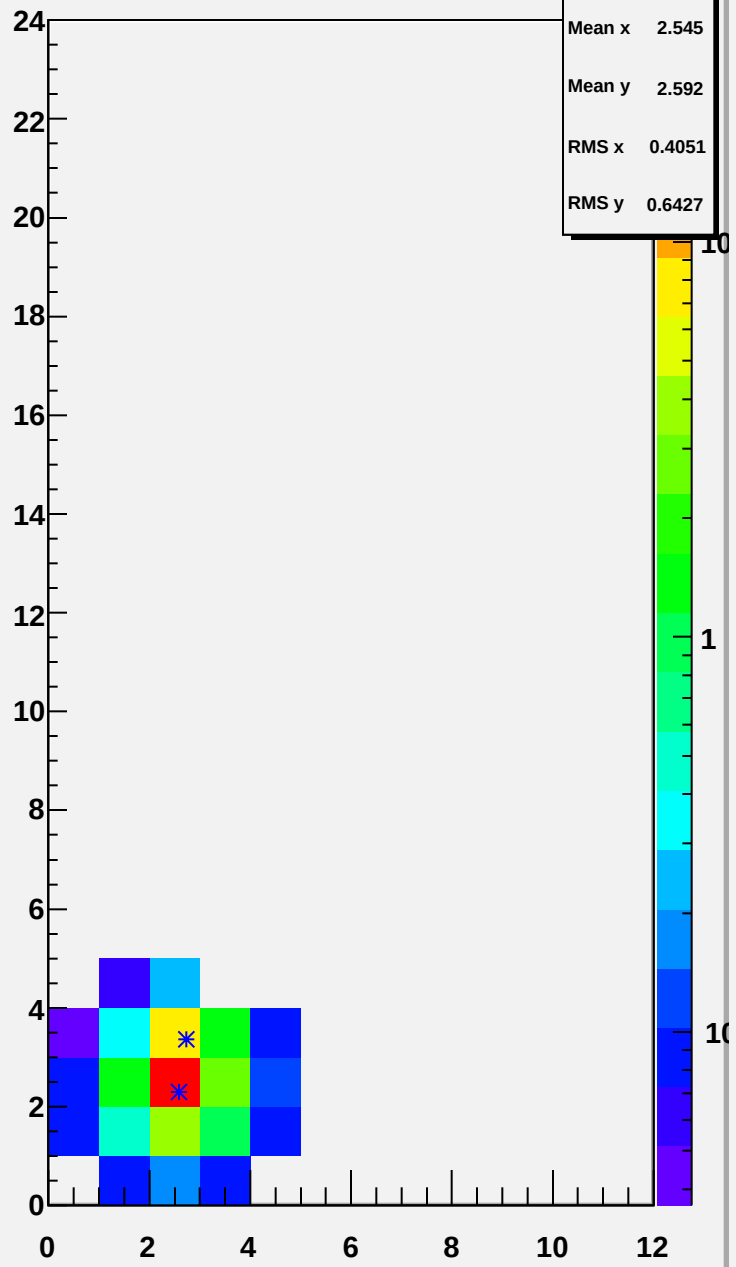
Entries	288
Mean x	2.491
Mean y	3.584
RMS x	0.4133
RMS y	0.8009



NSTB3_r4_c3_En=54.0_m0=0.123 m1=0.123 index=1916



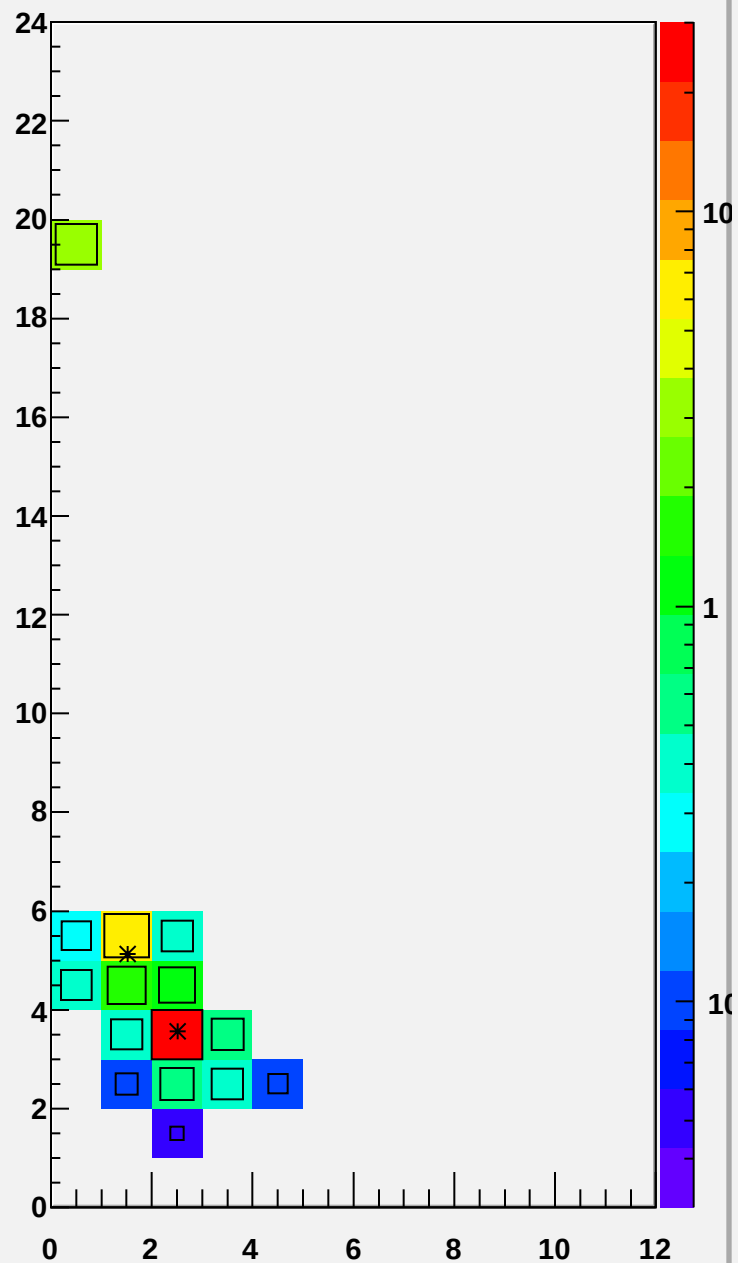
Fitted Energies



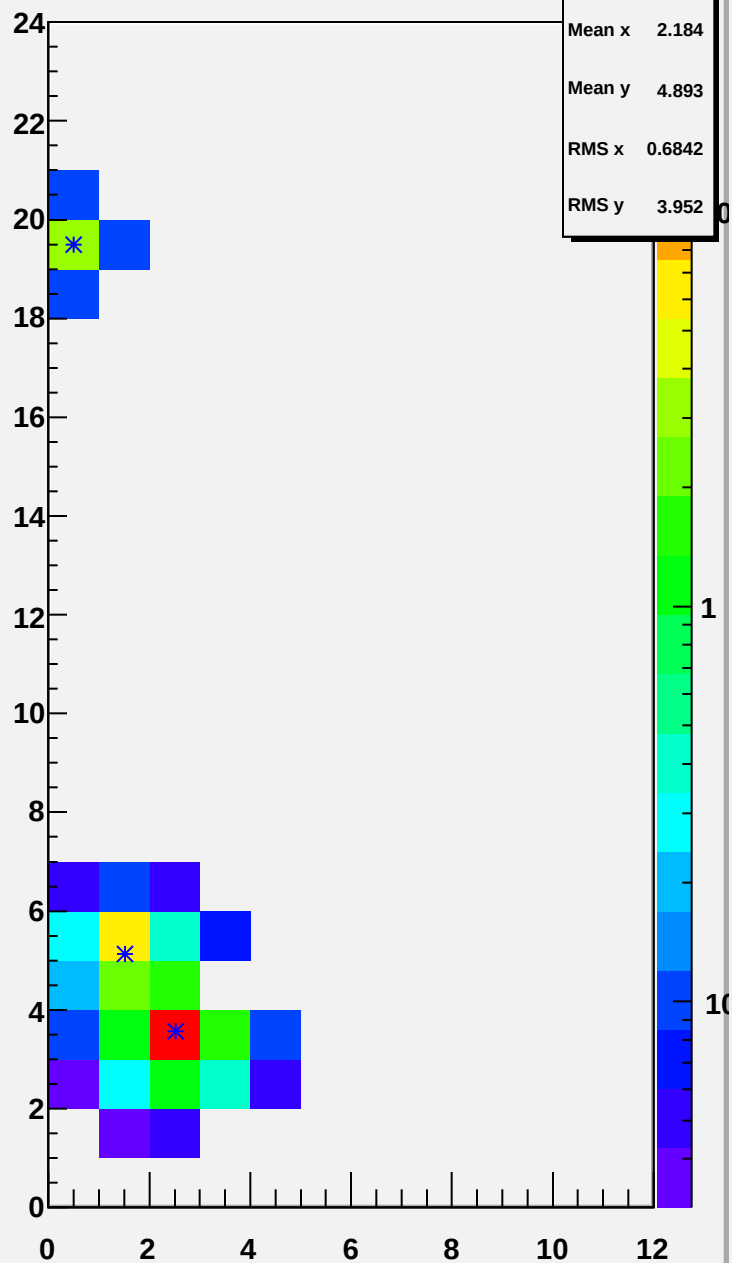
Efit

Entries	288
Mean x	2.545
Mean y	2.592
RMS x	0.4051
RMS y	0.6427

NSTB3_r4_c3_En=45.6_m0=0.186 m1=0.186 index=1917



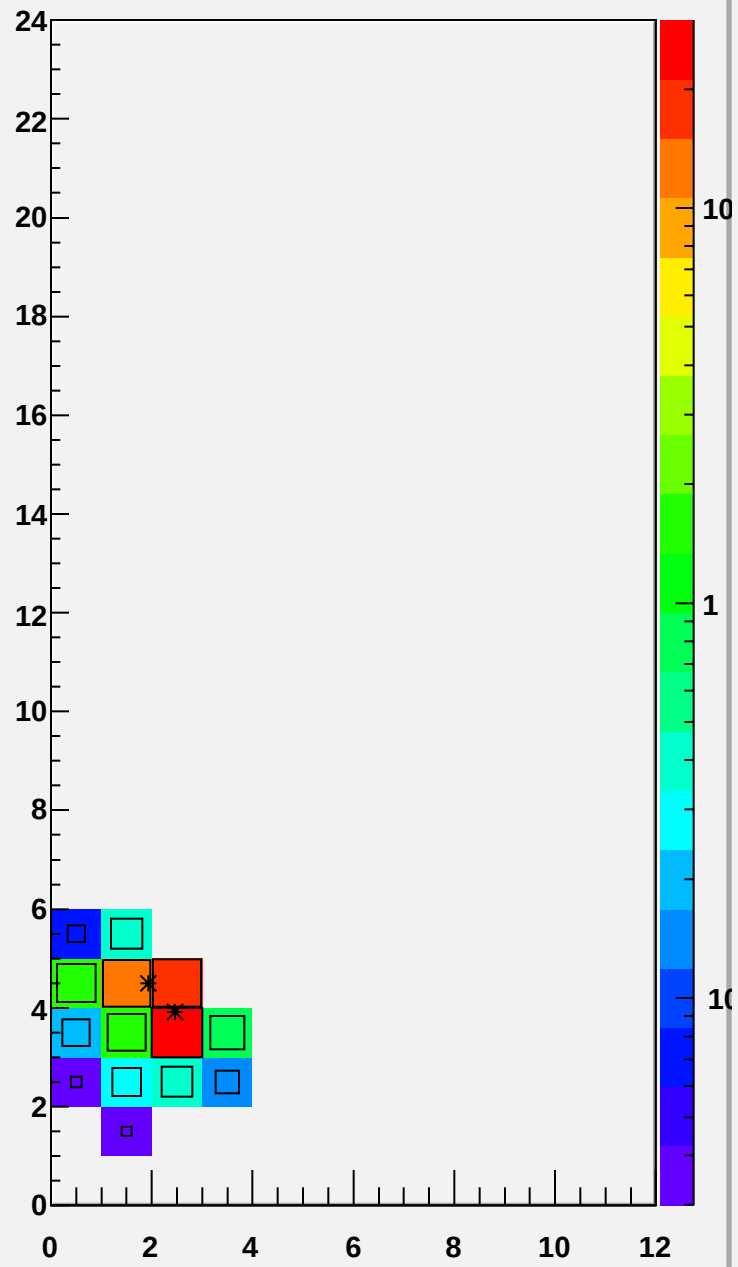
Fitted Energies



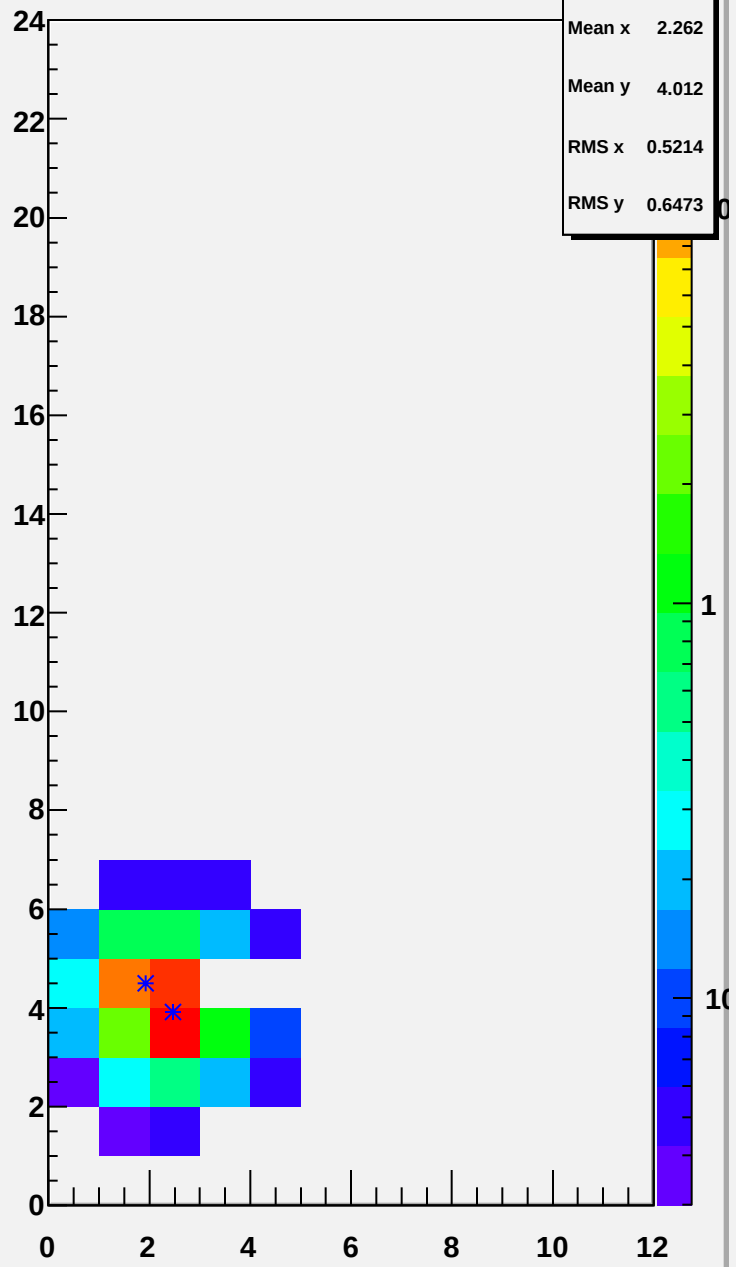
Efit

Entries	288
Mean x	2.184
Mean y	4.893
RMS x	0.6842
RMS y	3.952

NSTB3_r4_c3_En=66.6_m0=0.133 m1=0.133 index=1918



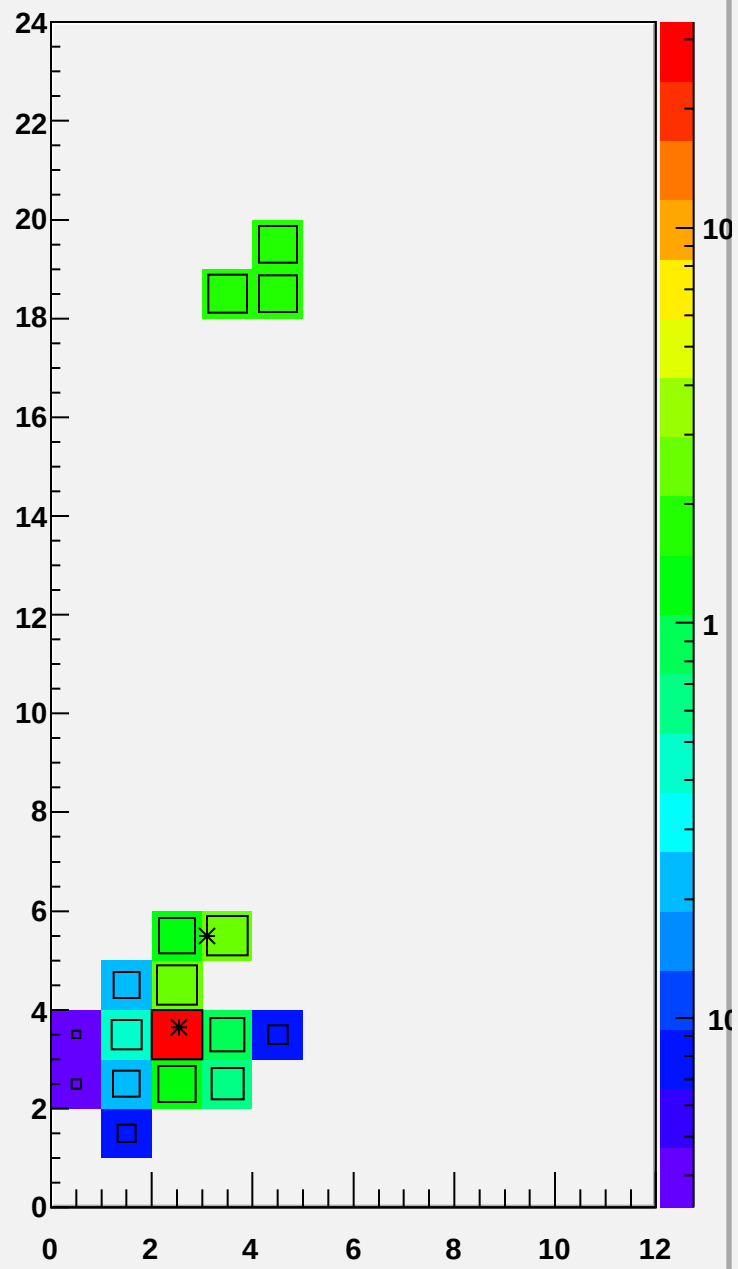
Fitted Energies



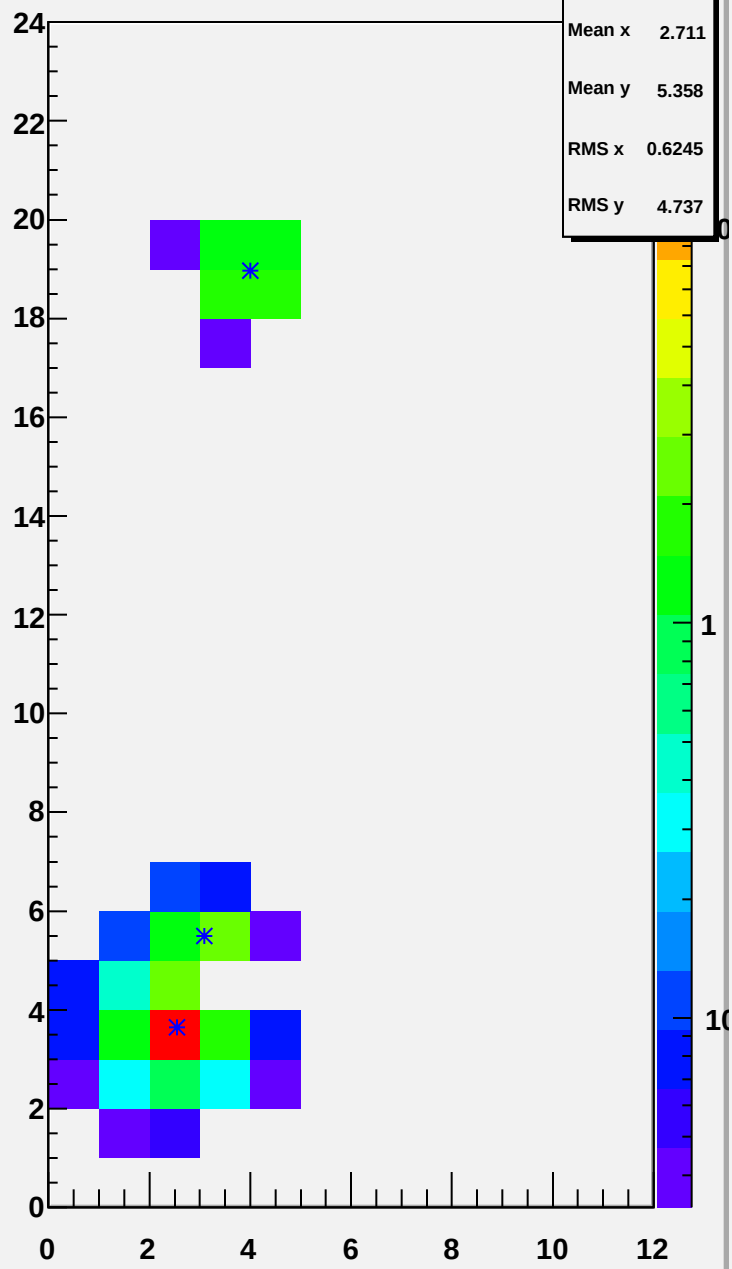
Efit

Entries	288
Mean x	2.262
Mean y	4.012
RMS x	0.5214
RMS y	0.6473

NSTB3_r4_c3_En=48.8_m0=0.140 m1=0.139 index=1919



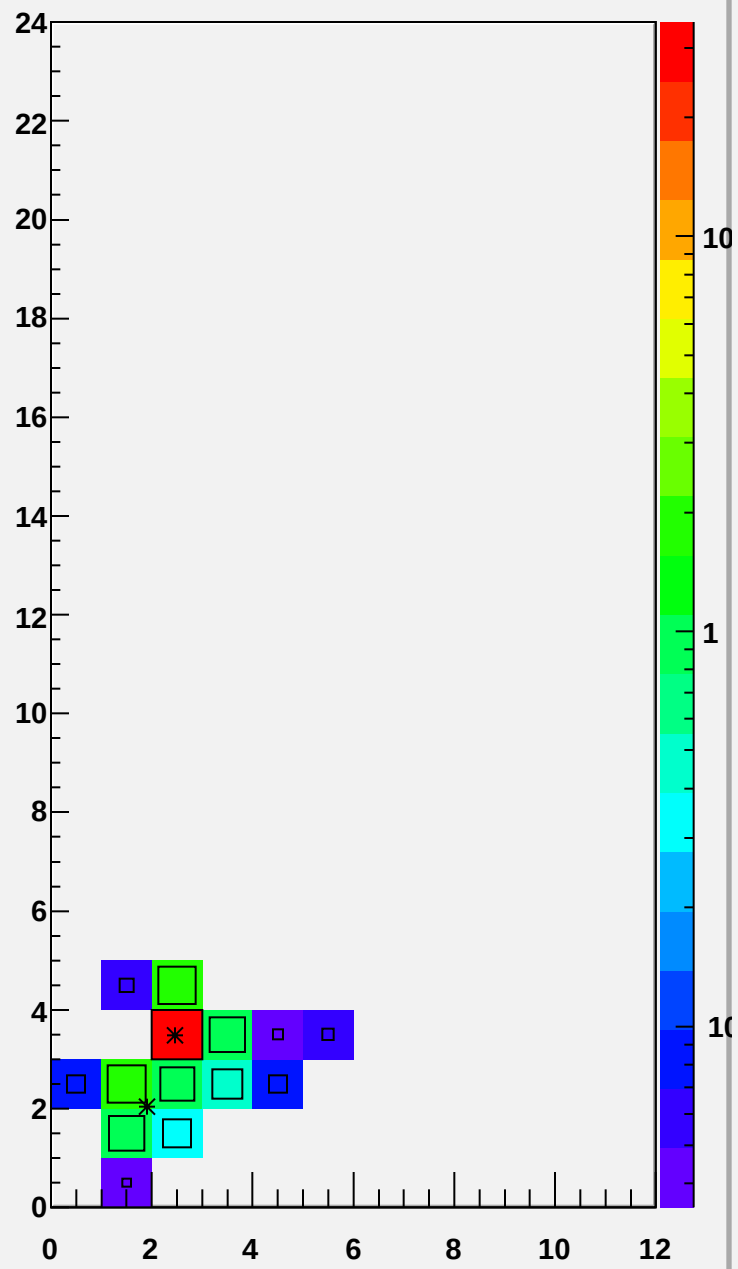
Fitted Energies



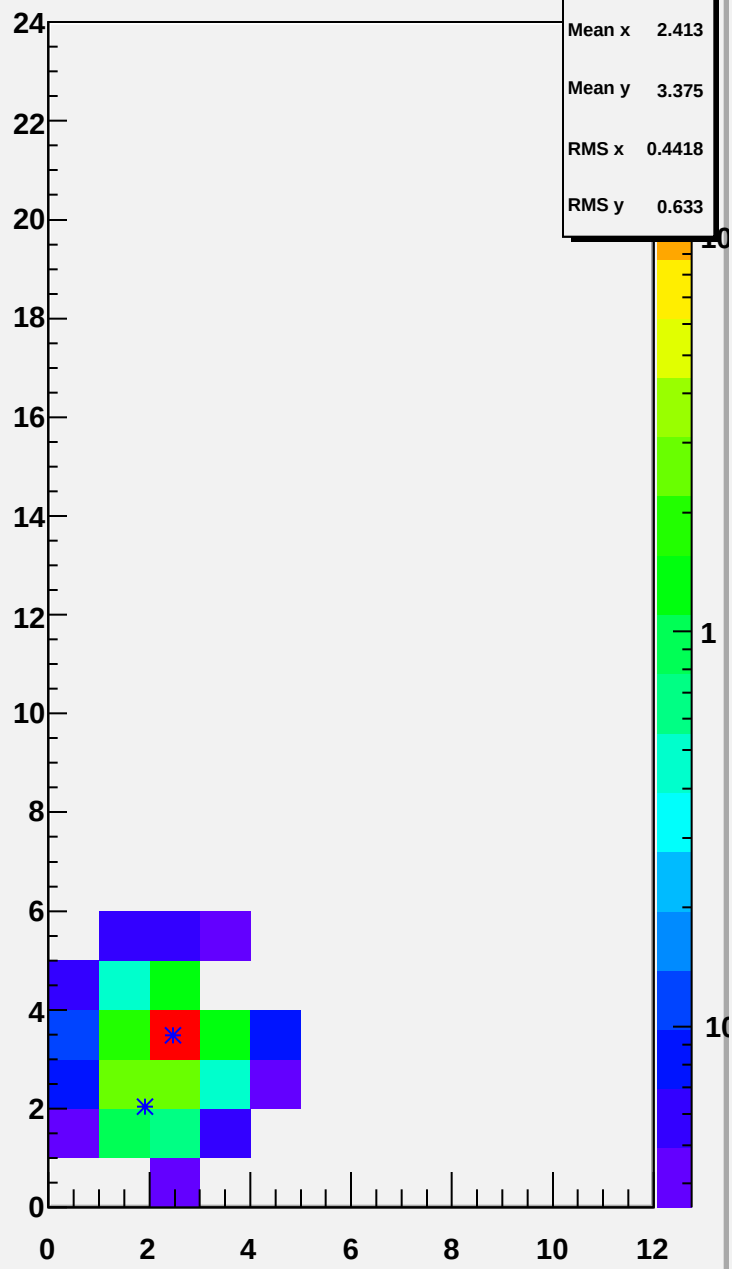
Efit

Entries	288
Mean x	2.711
Mean y	5.358
RMS x	0.6245
RMS y	4.737

NSTB3_r4_c3_En=42.3_m0=0.113 m1=0.113 index=1920



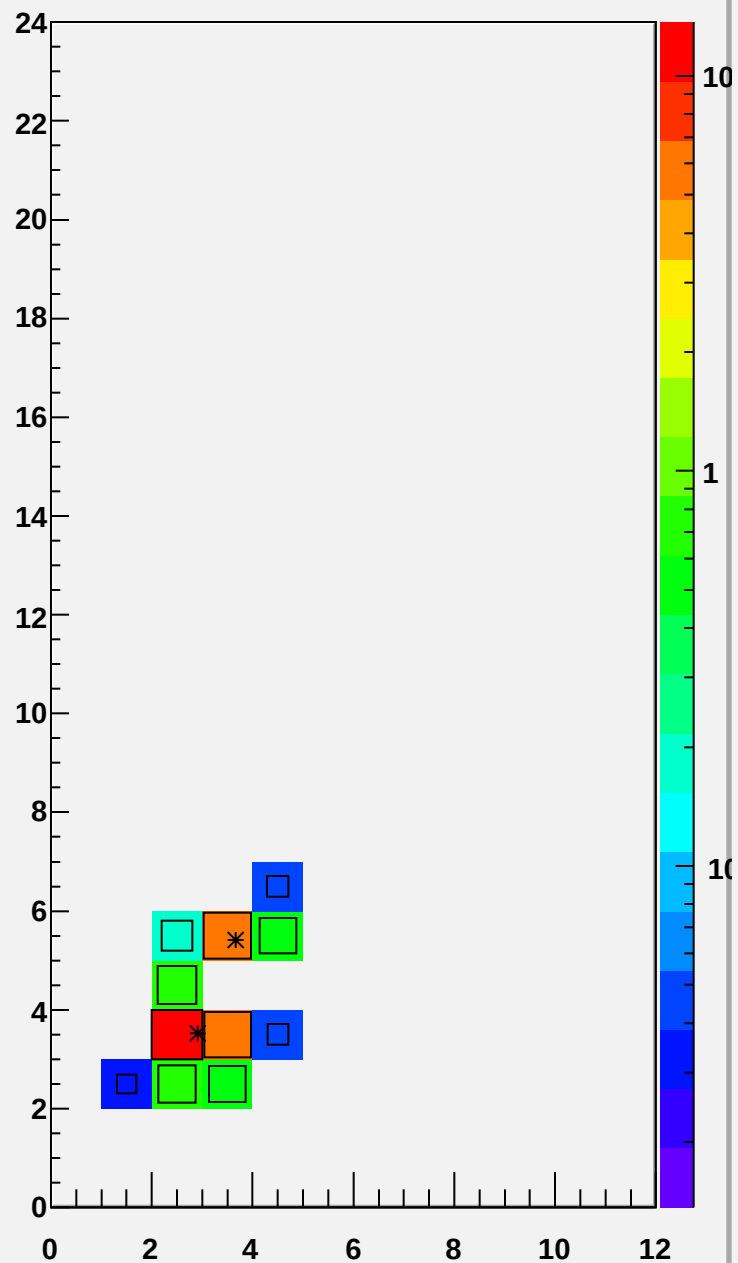
Fitted Energies



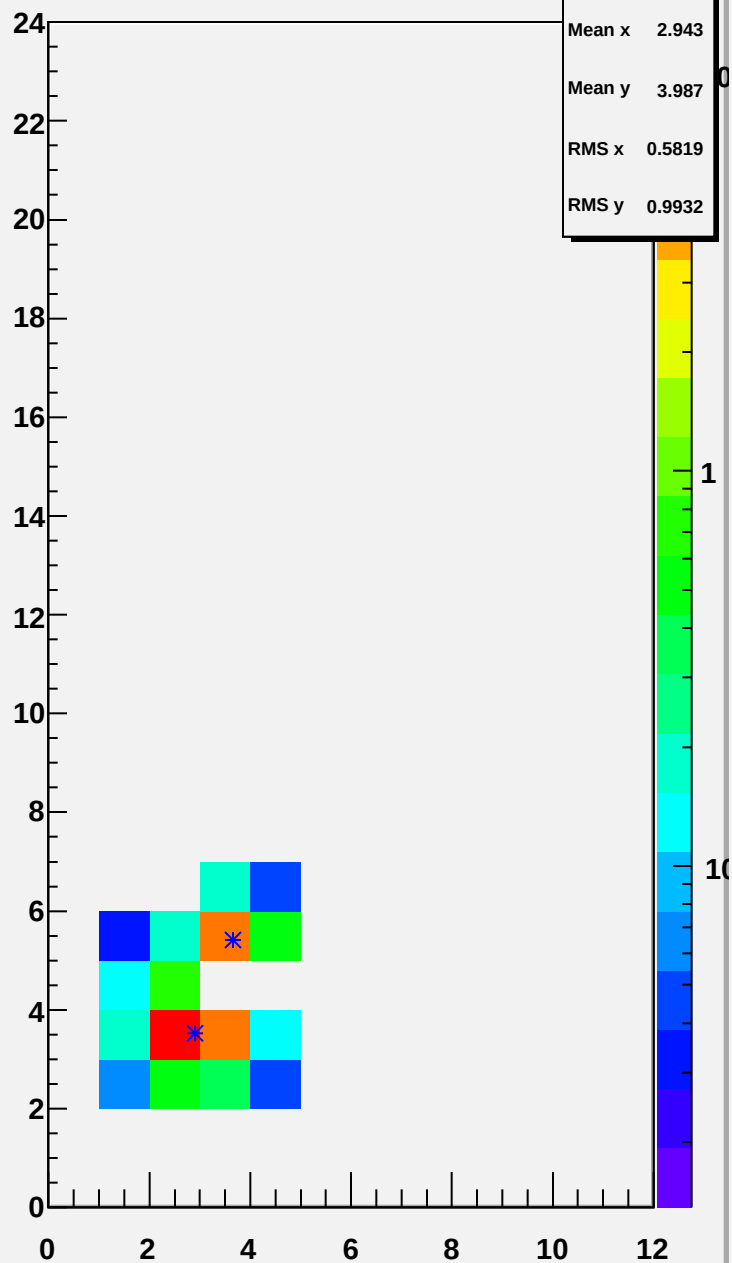
Efit

Entries	288
Mean x	2.413
Mean y	3.375
RMS x	0.4418
RMS y	0.633

NSTB3_r4_c3_En=27.1_m0=0.137_m1=0.137_index=1921



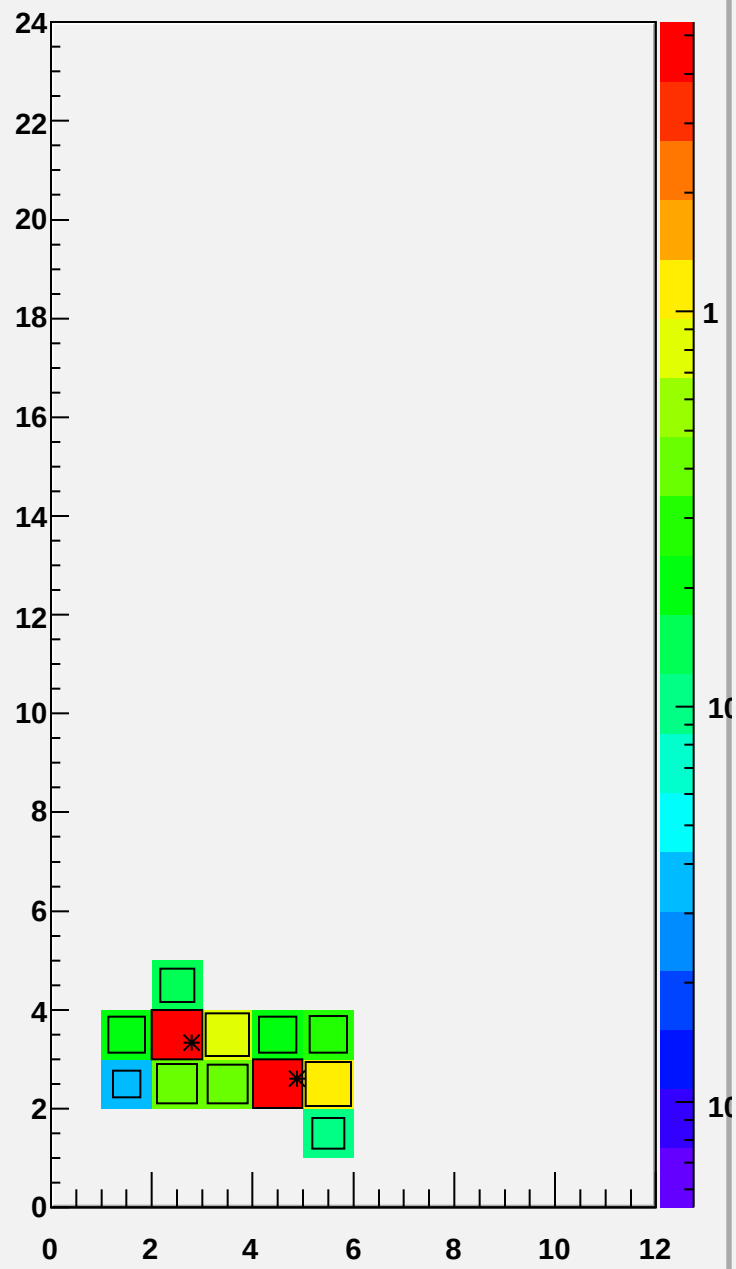
Fitted Energies



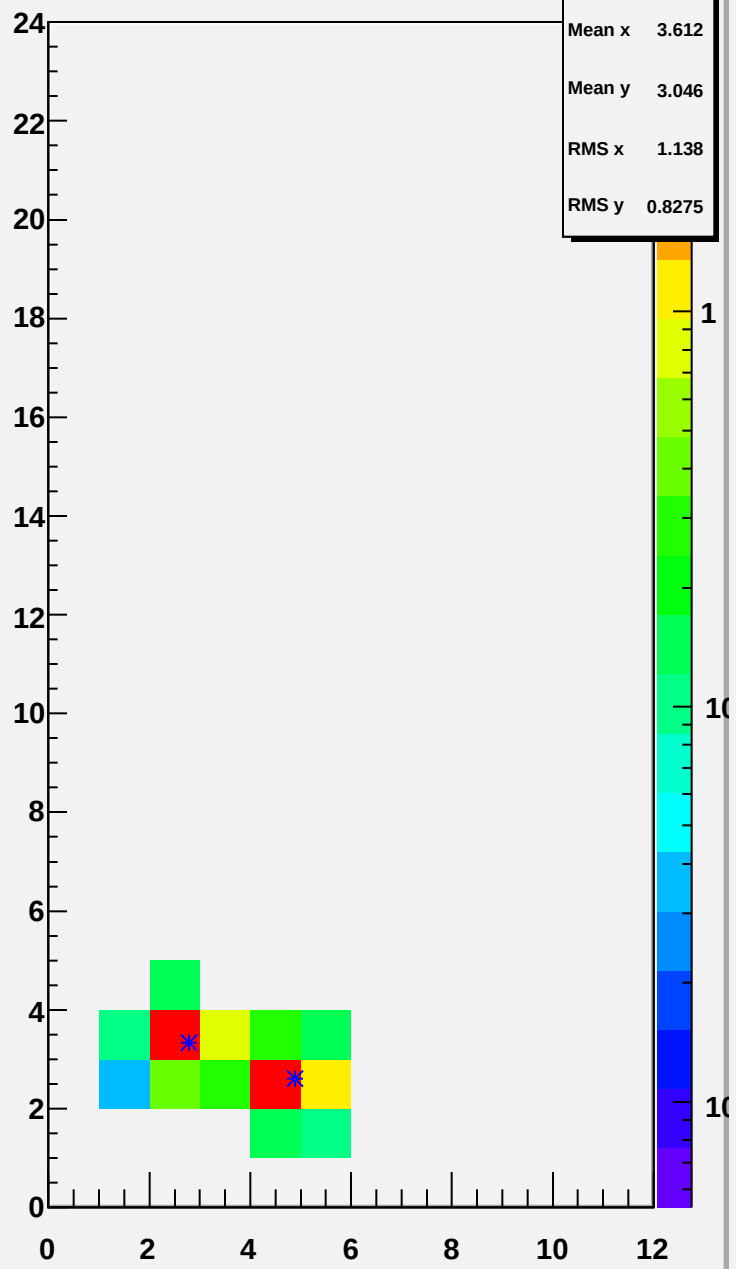
Efit

Entries	288
Mean x	2.943
Mean y	3.987
RMS x	0.5819
RMS y	0.9932

NSTB3_r4_c3_En=13.6_m0=0.083 m1=0.083 index=1922



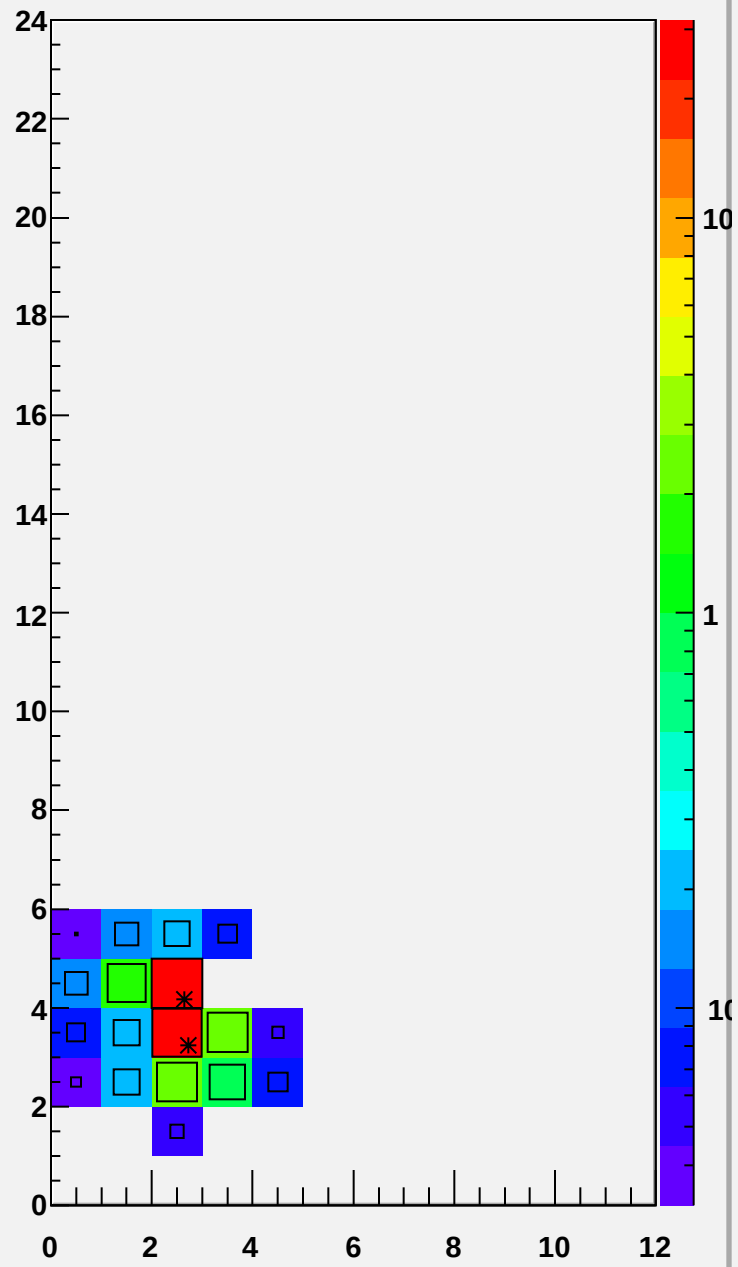
Fitted Energies



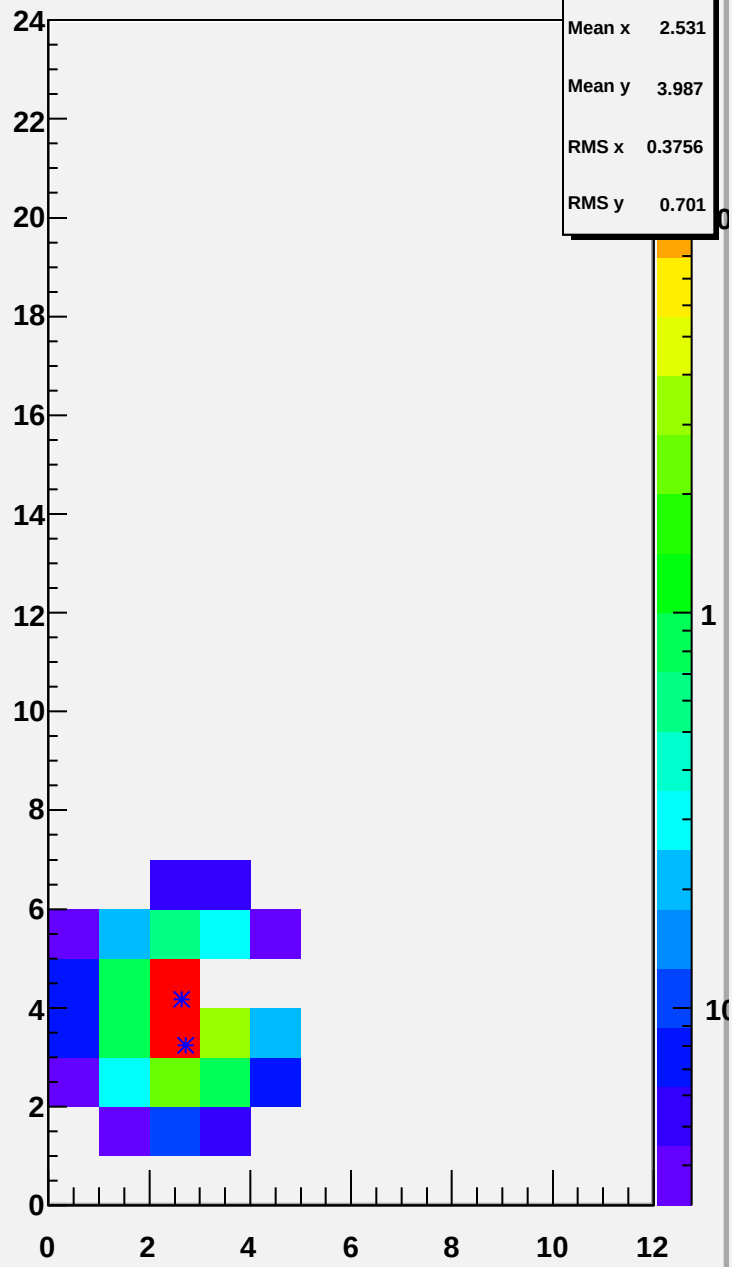
Efit

Entries	288
Mean x	3.612
Mean y	3.046
RMS x	1.138
RMS y	0.8275

NSTB3_r4_c3_En=63.8_m0=0.162 m1=0.161 index=1923



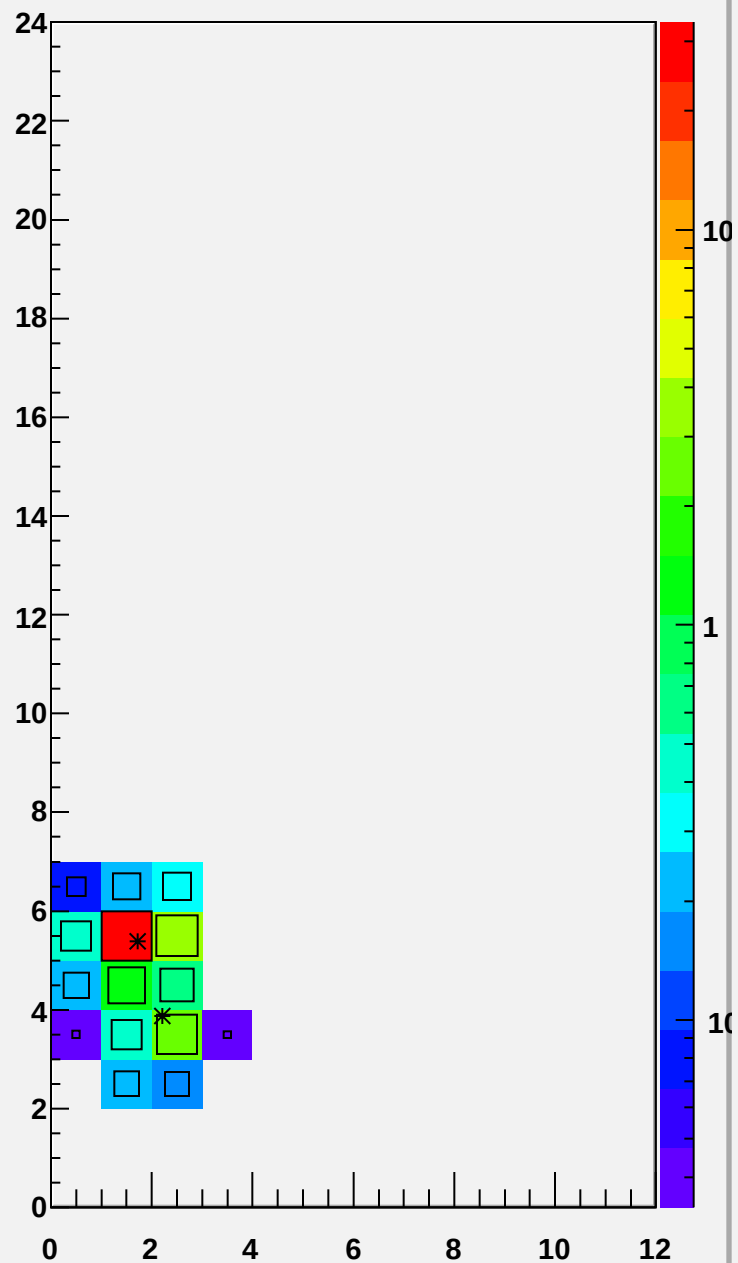
Fitted Energies



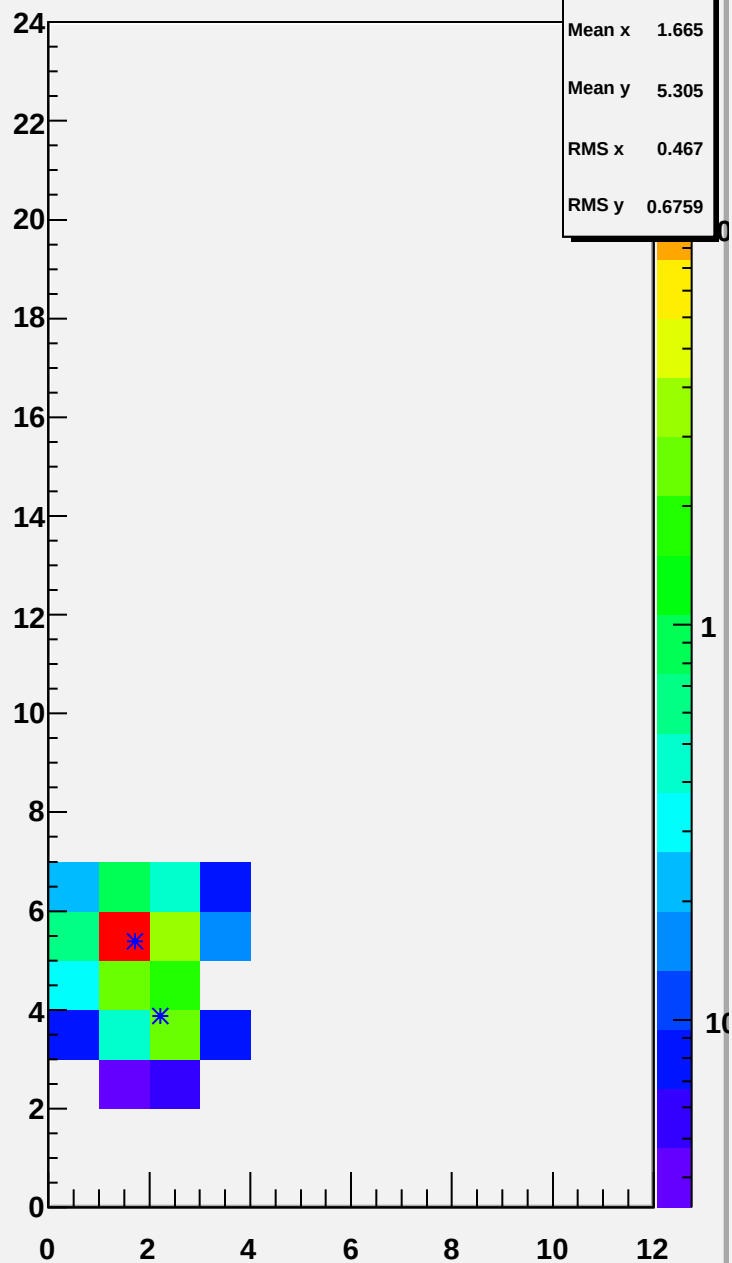
Efit

Entries	288
Mean x	2.531
Mean y	3.987
RMS x	0.3756
RMS y	0.701

NSTB3_r4_c3_En=43.7_m0=0.117 m1=0.118 index=1924



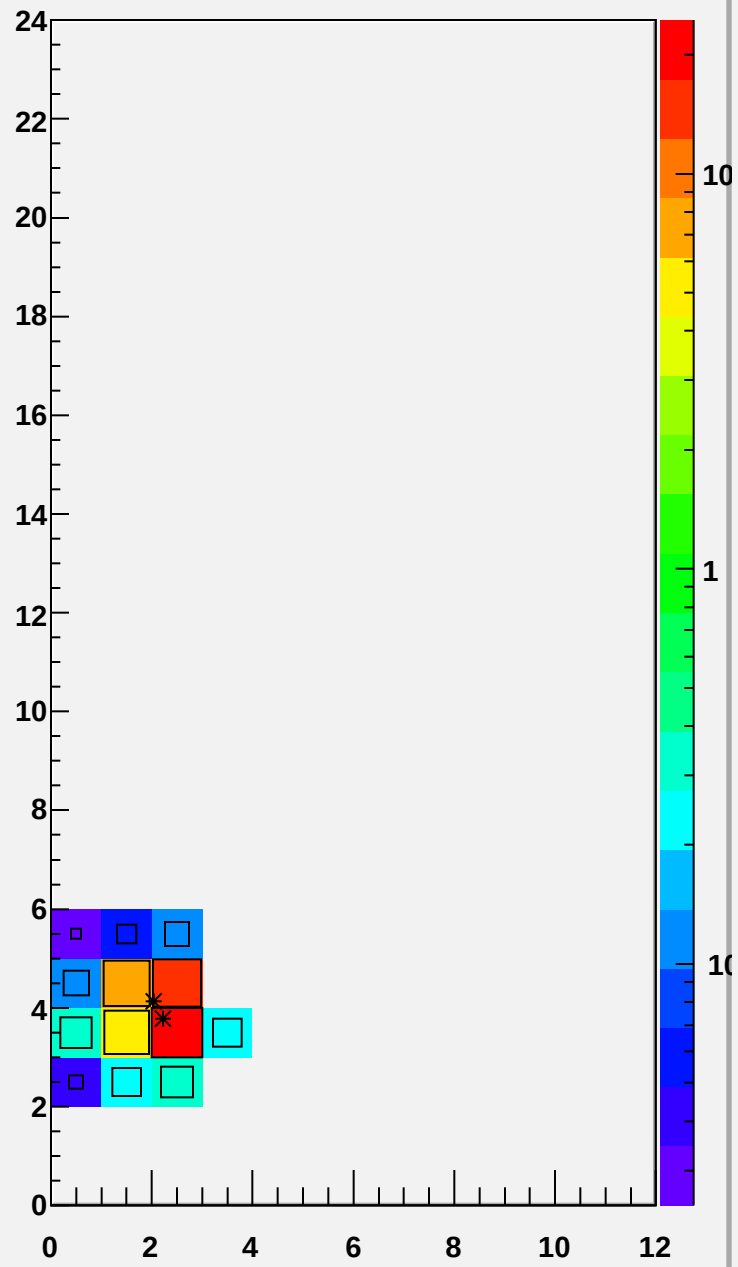
Fitted Energies



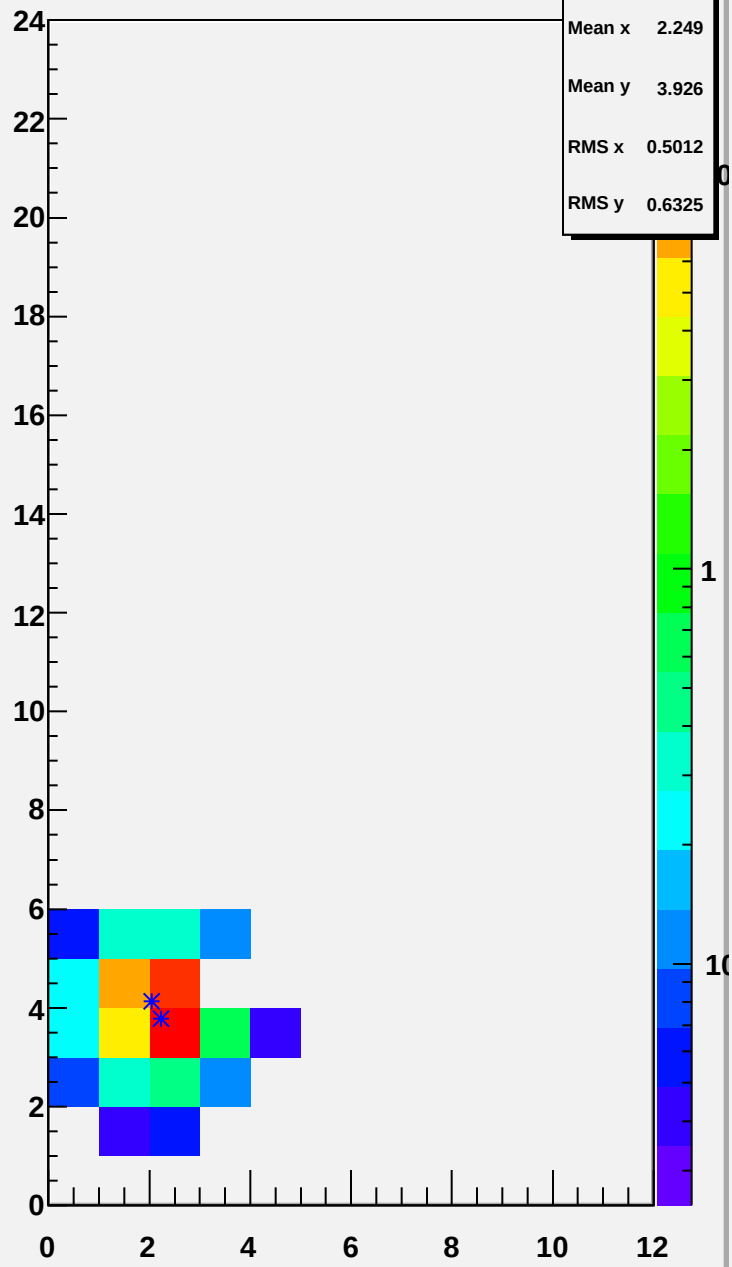
Efit

Entries	288
Mean x	1.665
Mean y	5.305
RMS x	0.467
RMS y	0.6759

NSTB3_r4_c3_En=54.0_m0=0.059 m1=0.059 index=1925



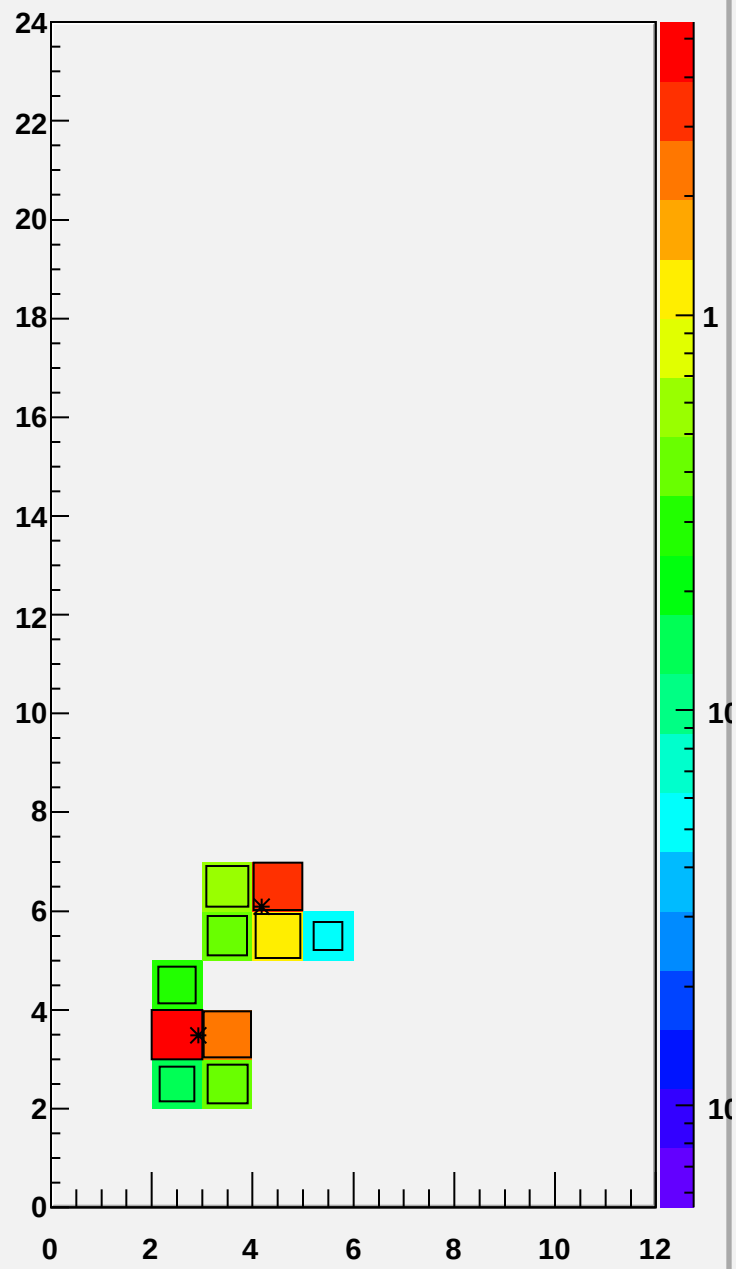
Fitted Energies



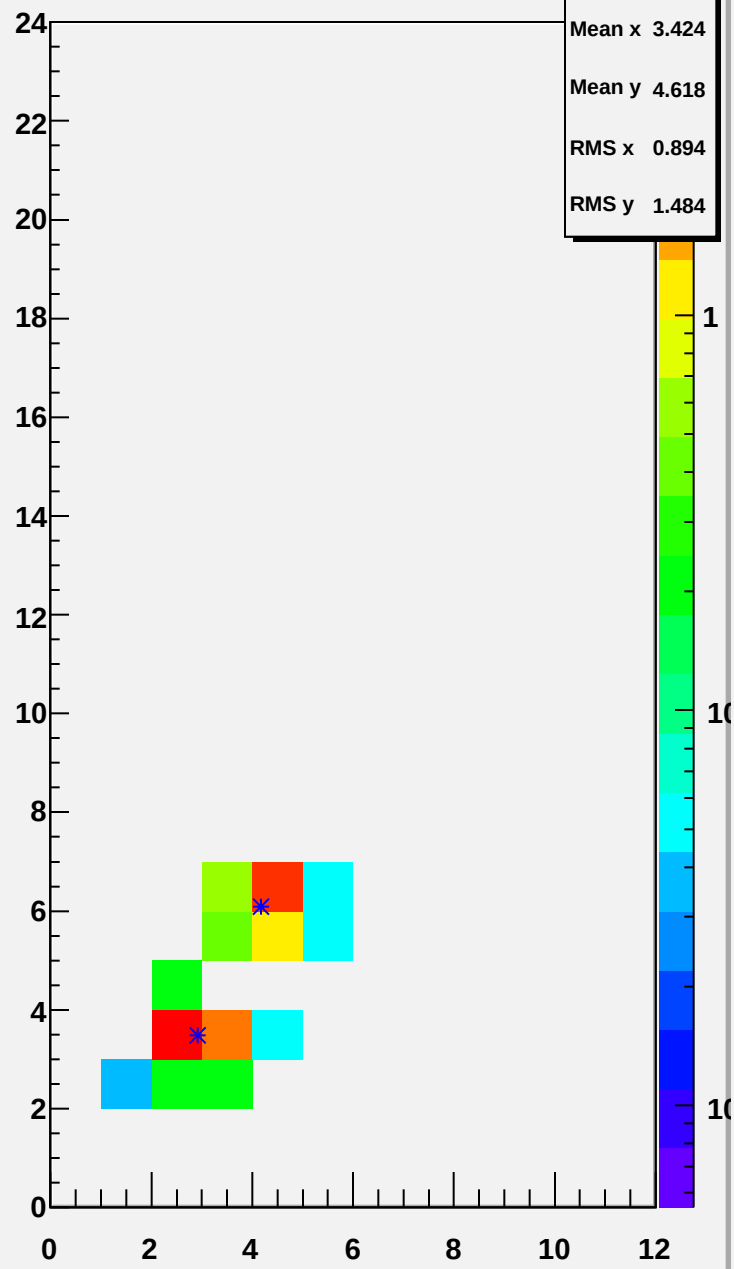
Efit

Entries	288
Mean x	2.249
Mean y	3.926
RMS x	0.5012
RMS y	0.6325

NSTB3_r4_c3_En=14.4_m0=0.117 m1=0.117 index=1926



Fitted Energies



Efit

Entries 288

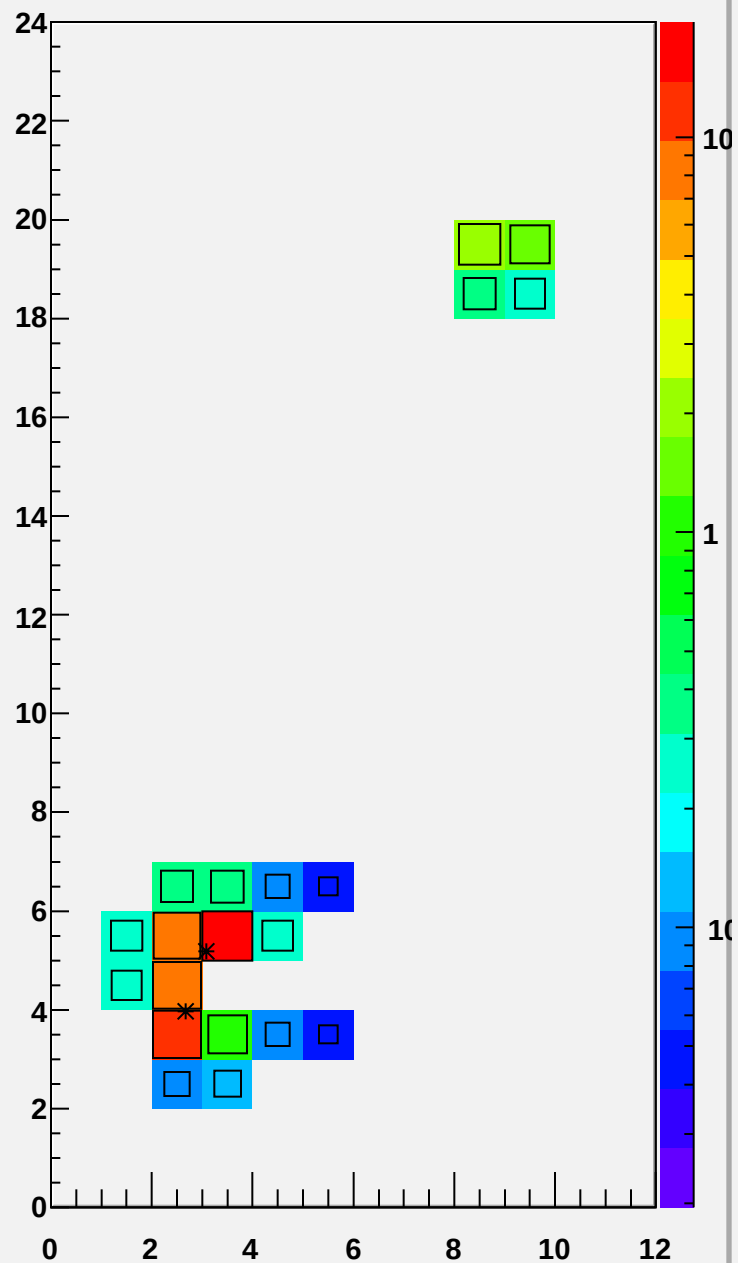
Mean x 3.424

Mean y 4.618

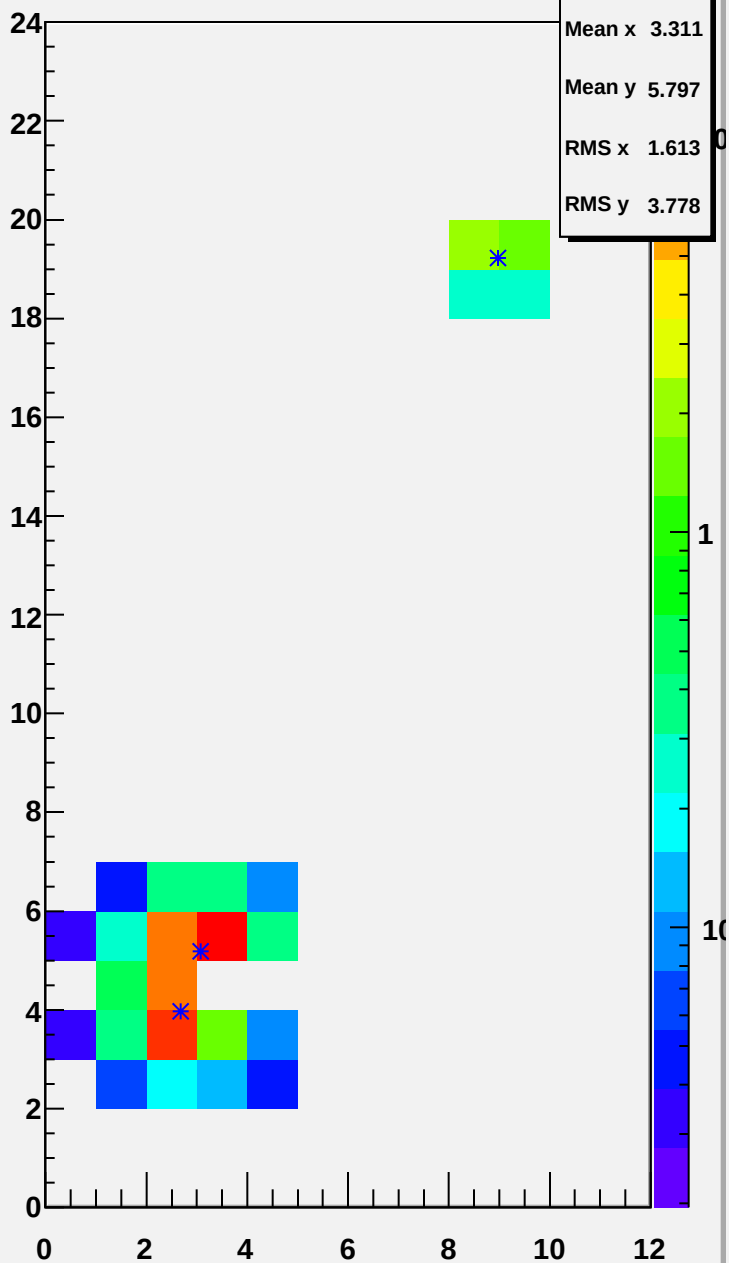
RMS x 0.894

RMS y 1.484

NSTB3_r4_c3_En=55.5_m0=0.198 m1=0.197 index=1928



Fitted Energies



Efit

Entries 288

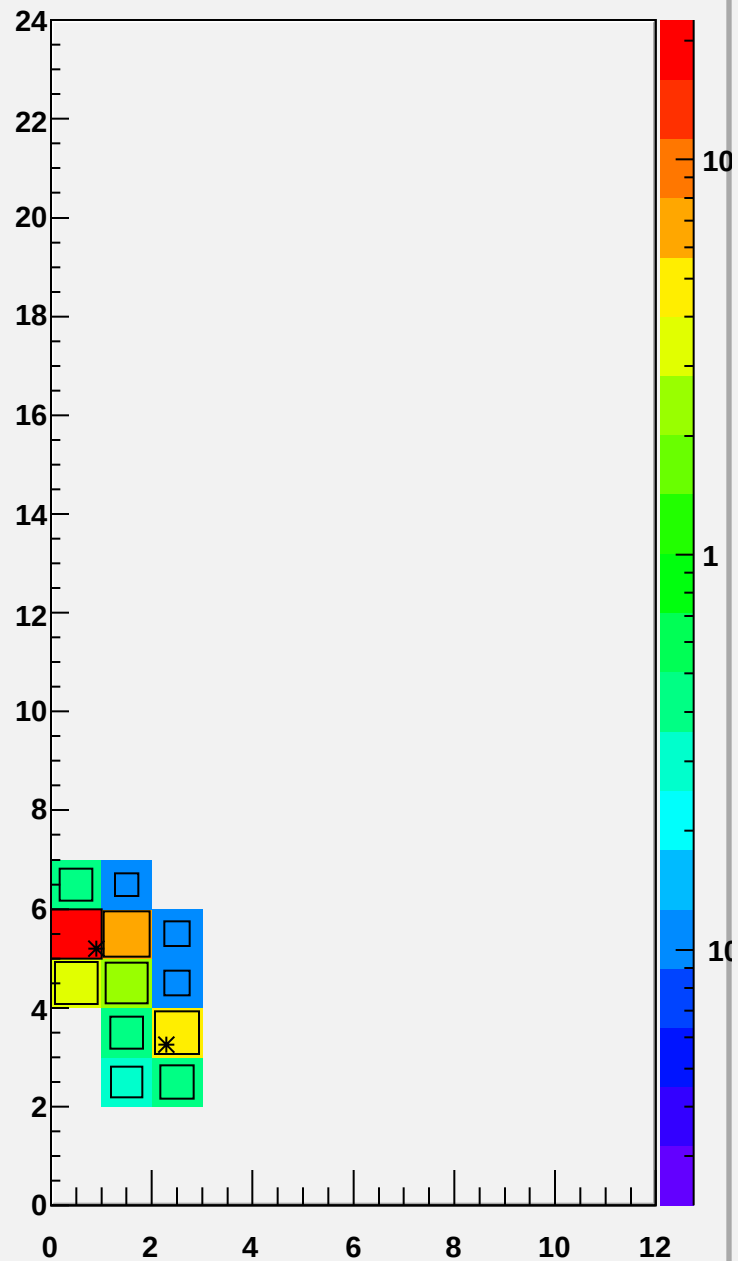
Mean x 3.311

Mean y 5.797

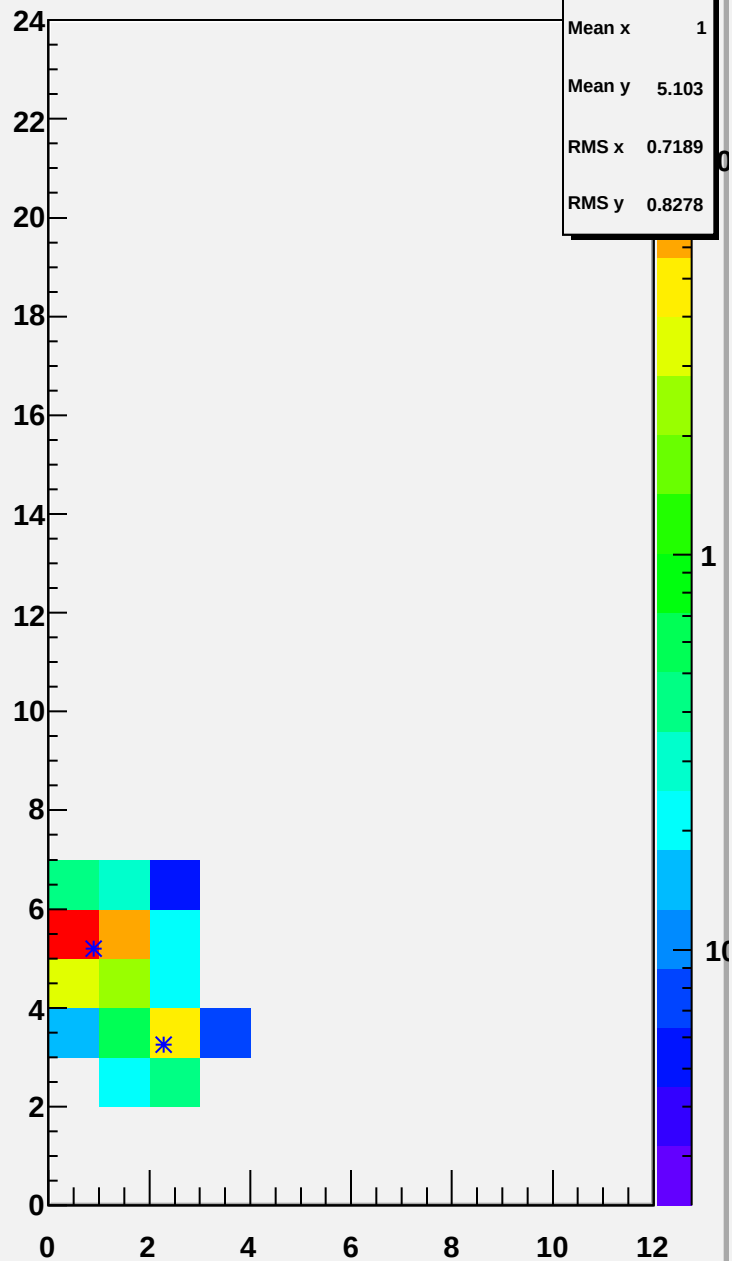
RMS x 1.613

RMS y 3.778

NSTB3_r4_c3_En=41.8_m0=0.190_m1=0.191_index=1931



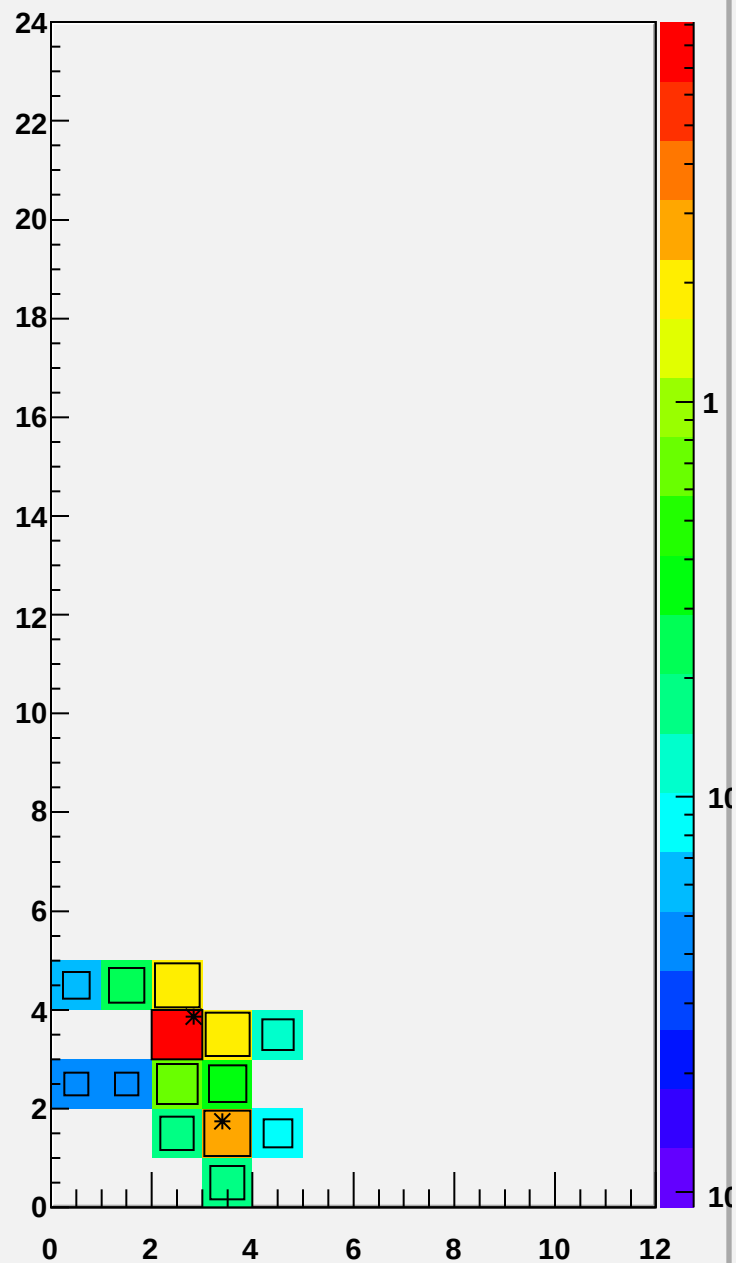
Fitted Energies



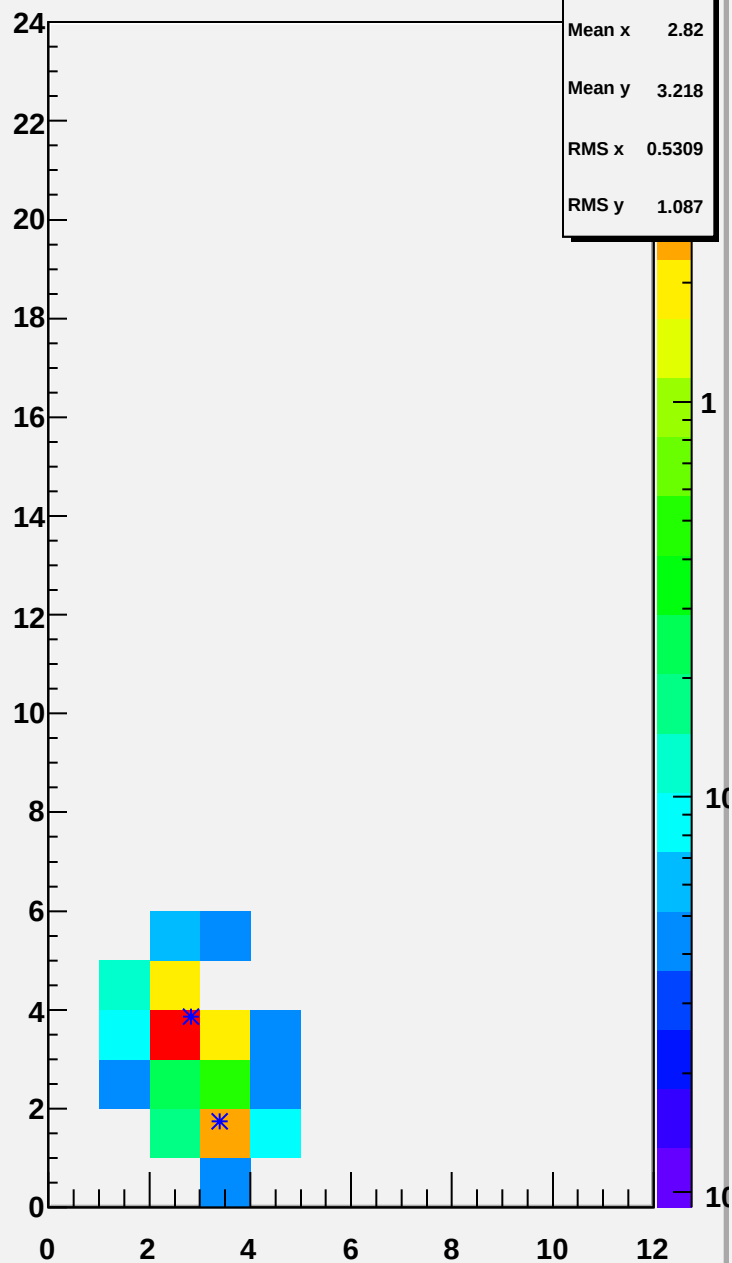
Efit

Entries	288
Mean x	1
Mean y	5.103
RMS x	0.7189
RMS y	0.8278

NSTB3_r4_c3_En=18.5_m0=0.094 m1=0.094 index=1933



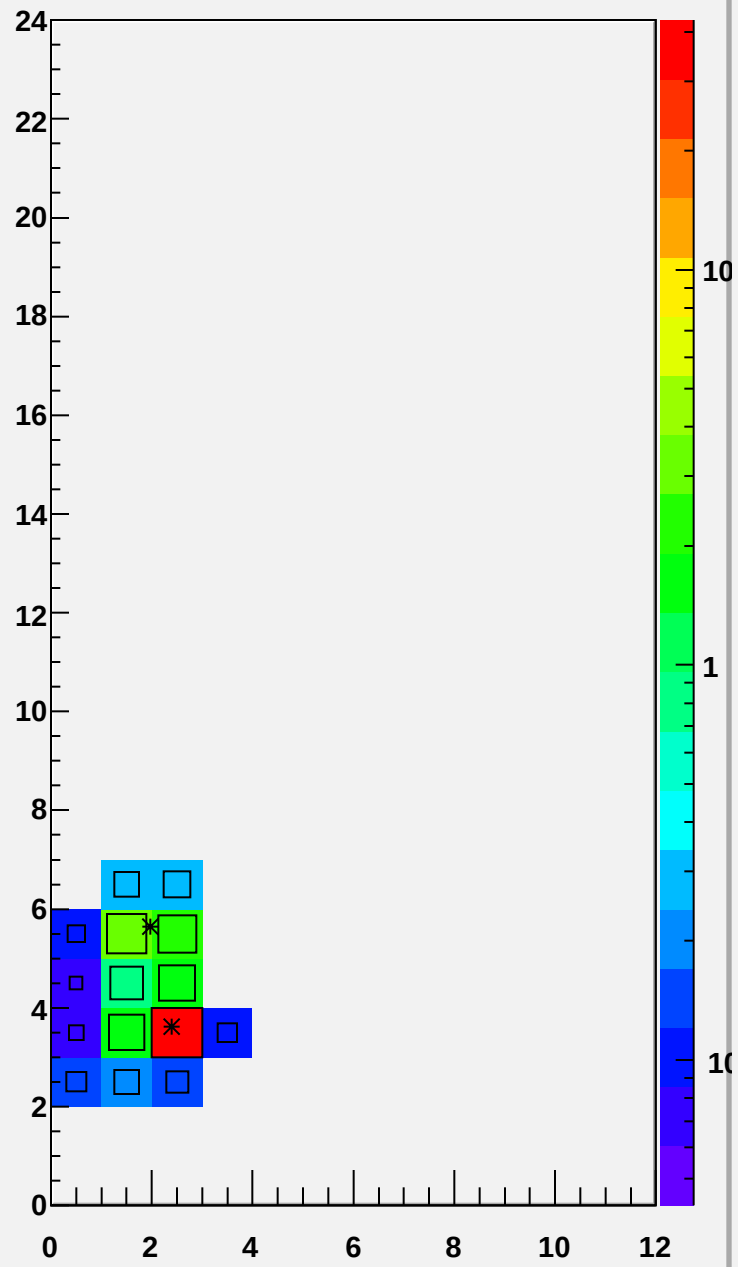
Fitted Energies



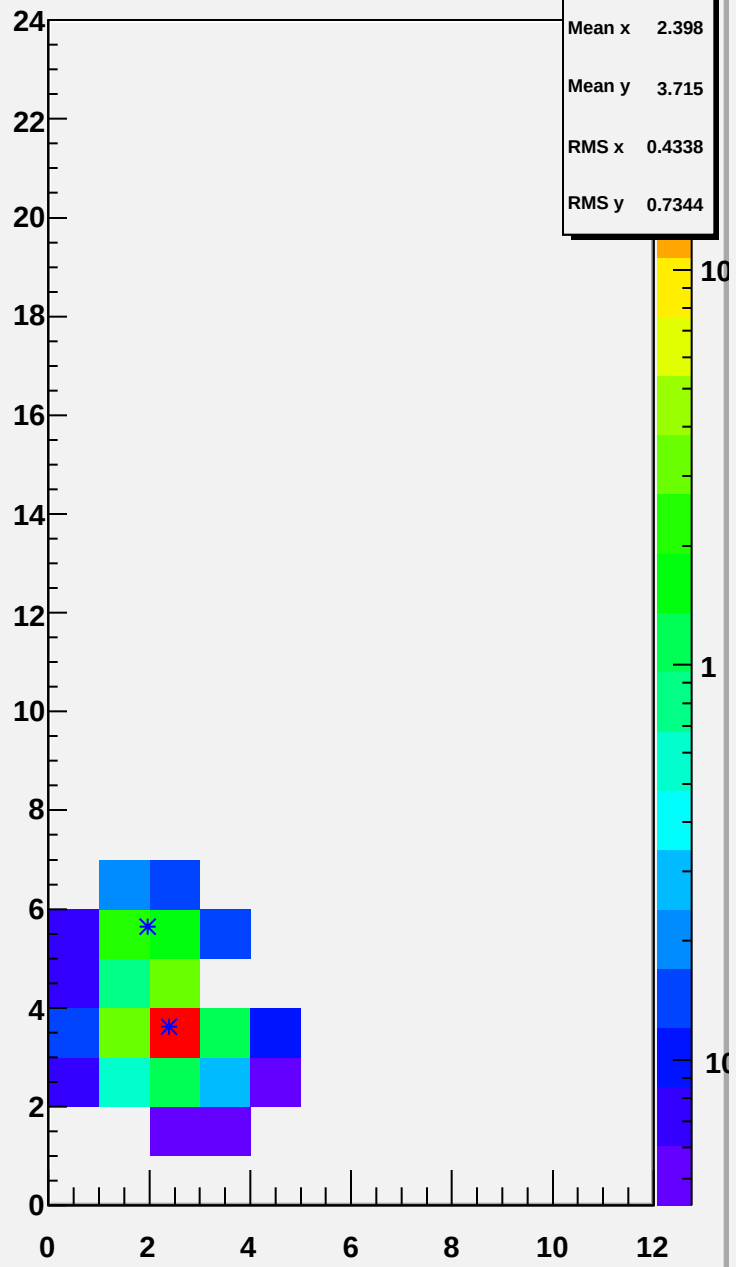
Efit

Entries	288
Mean x	2.82
Mean y	3.218
RMS x	0.5309
RMS y	1.087

NSTB3_r4_c3_En=53.4_m0=0.180 m1=0.179 index=1934



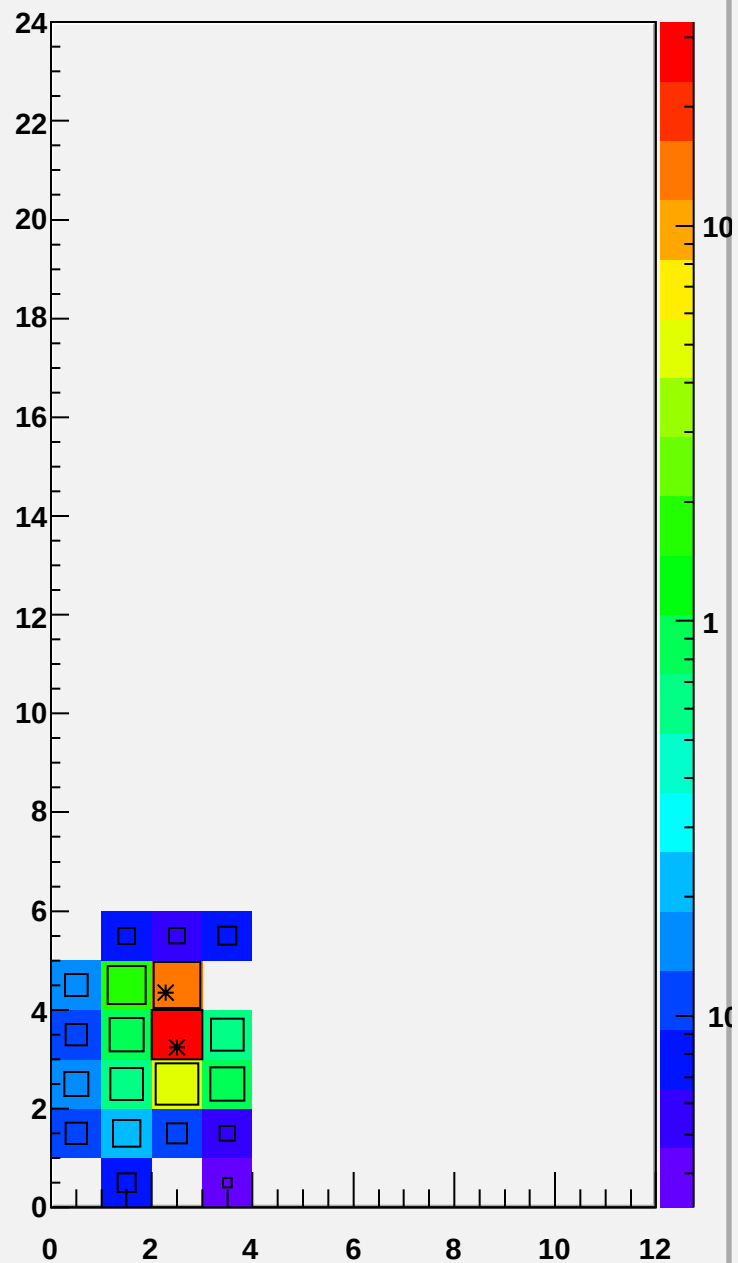
Fitted Energies



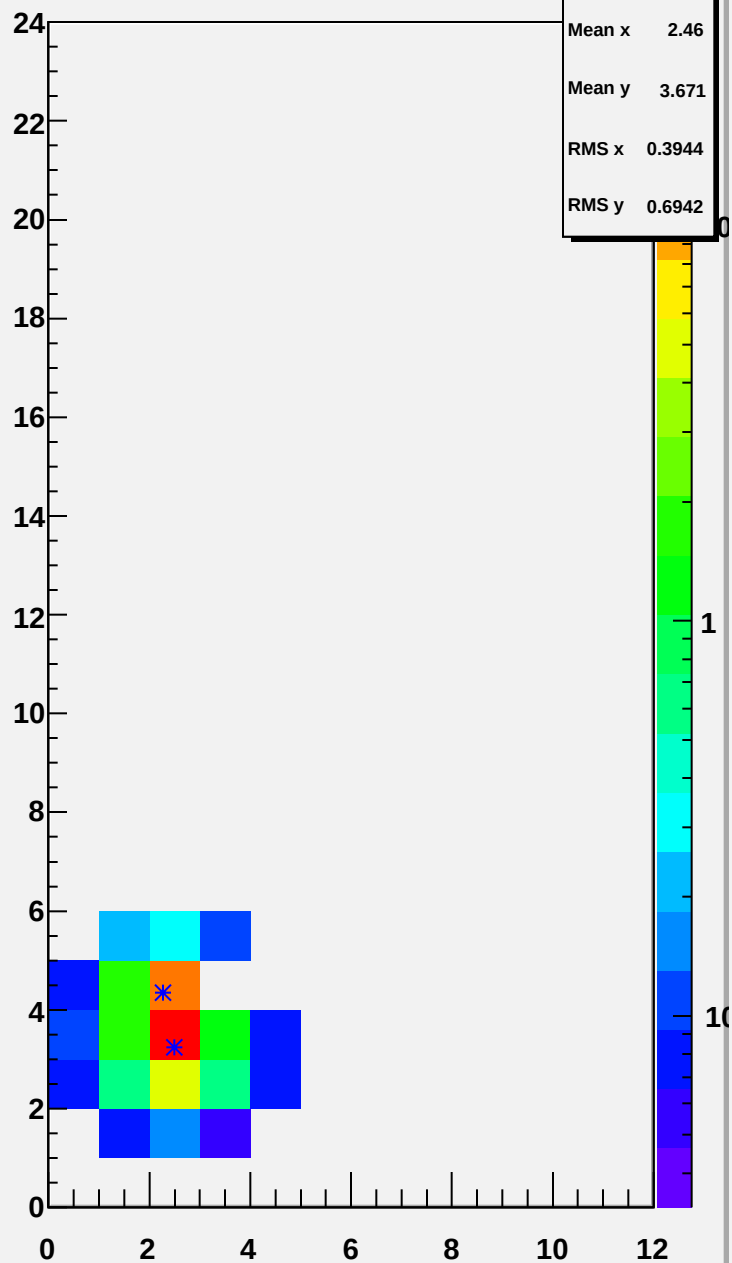
Efit

Entries	288
Mean x	2.398
Mean y	3.715
RMS x	0.4338
RMS y	0.7344

NSTB3_r4_c3_En=56.0_m0=0.157 m1=0.157 index=1935



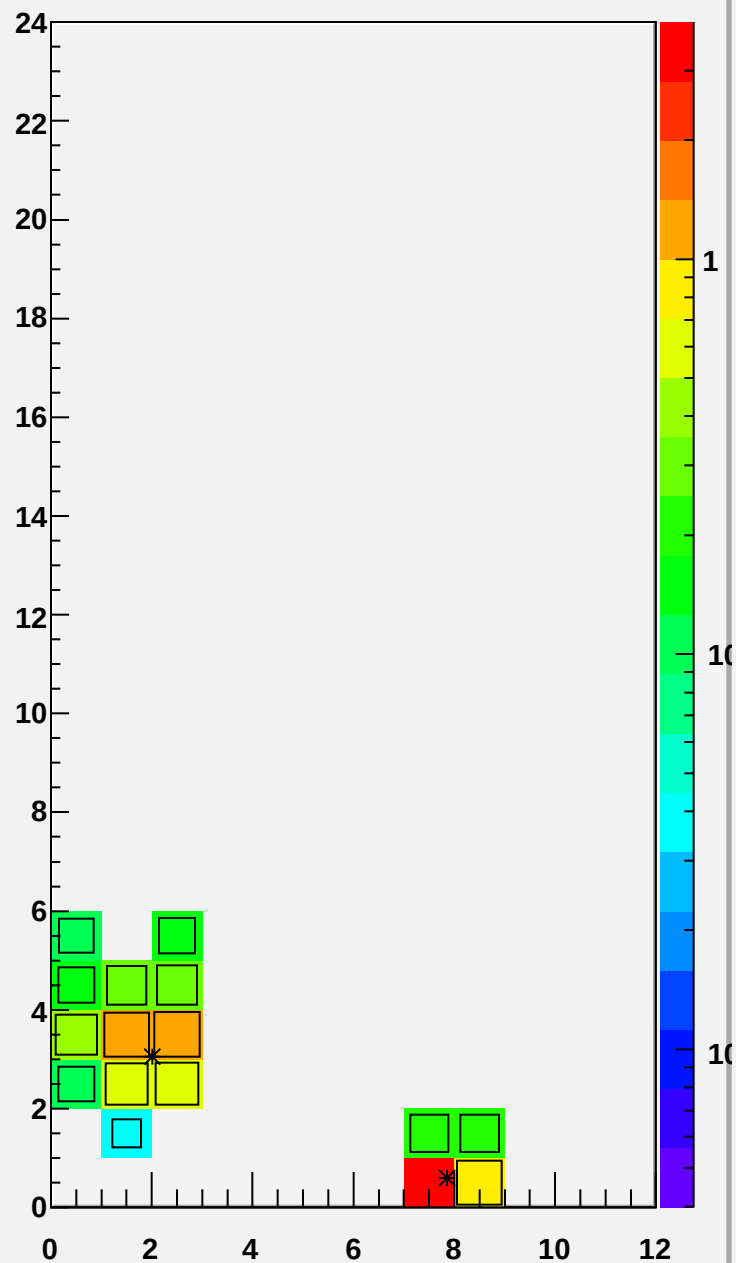
Fitted Energies



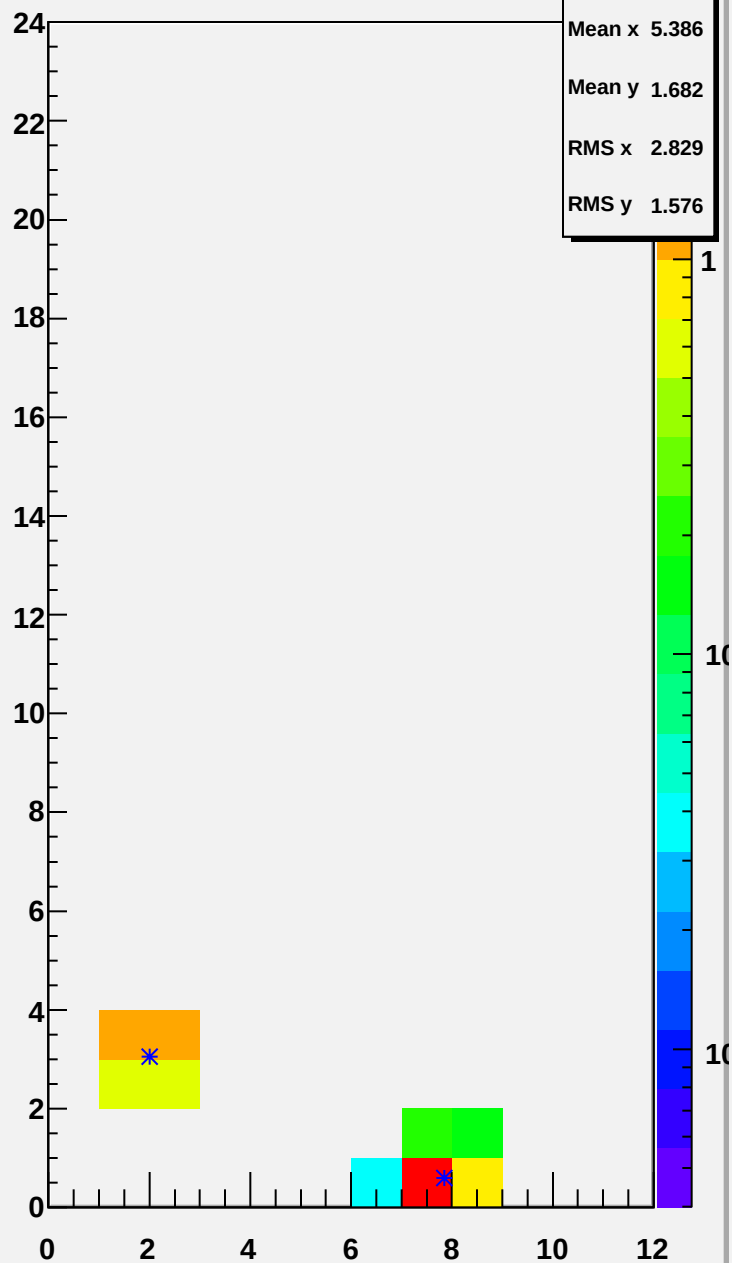
Efit

Entries	288
Mean x	2.46
Mean y	3.671
RMS x	0.3944
RMS y	0.6942

NSTB3_r4_c3_En=10.2_m0=0.163 m1=0.163 index=1936



Fitted Energies



Efit

Entries 288

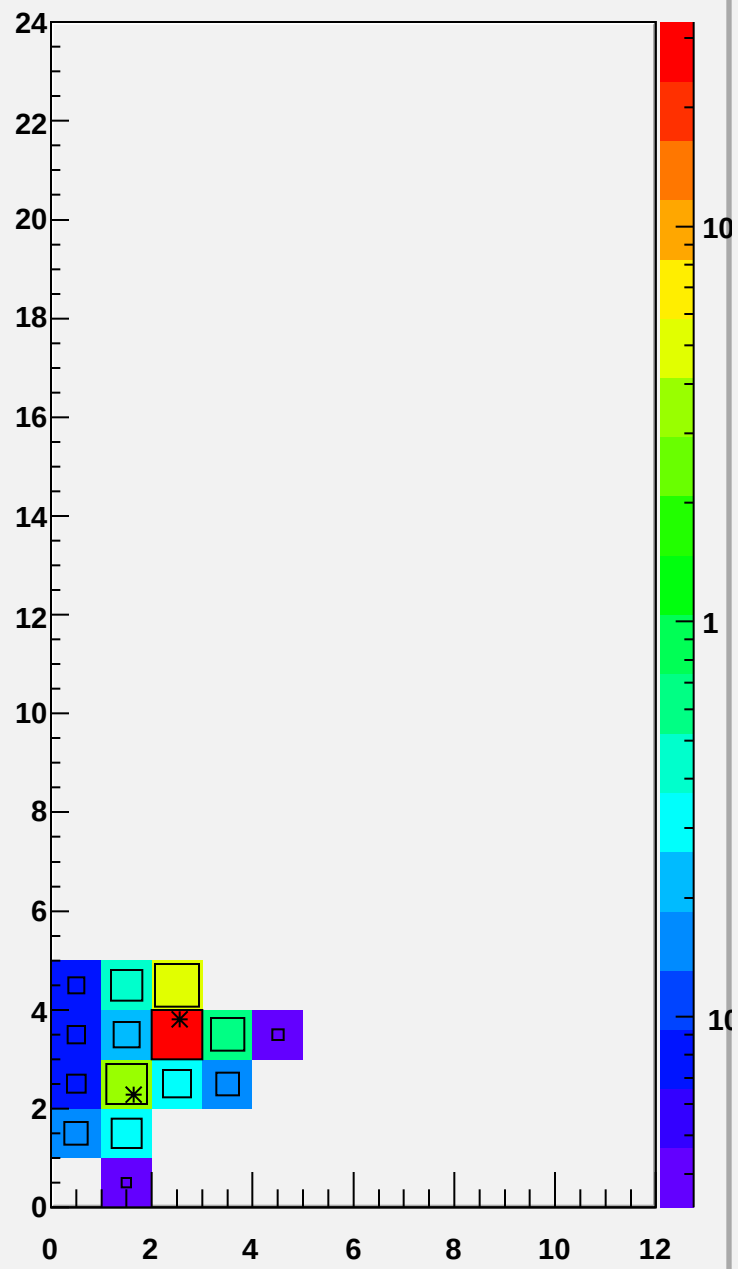
Mean x 5.386

Mean y 1.682

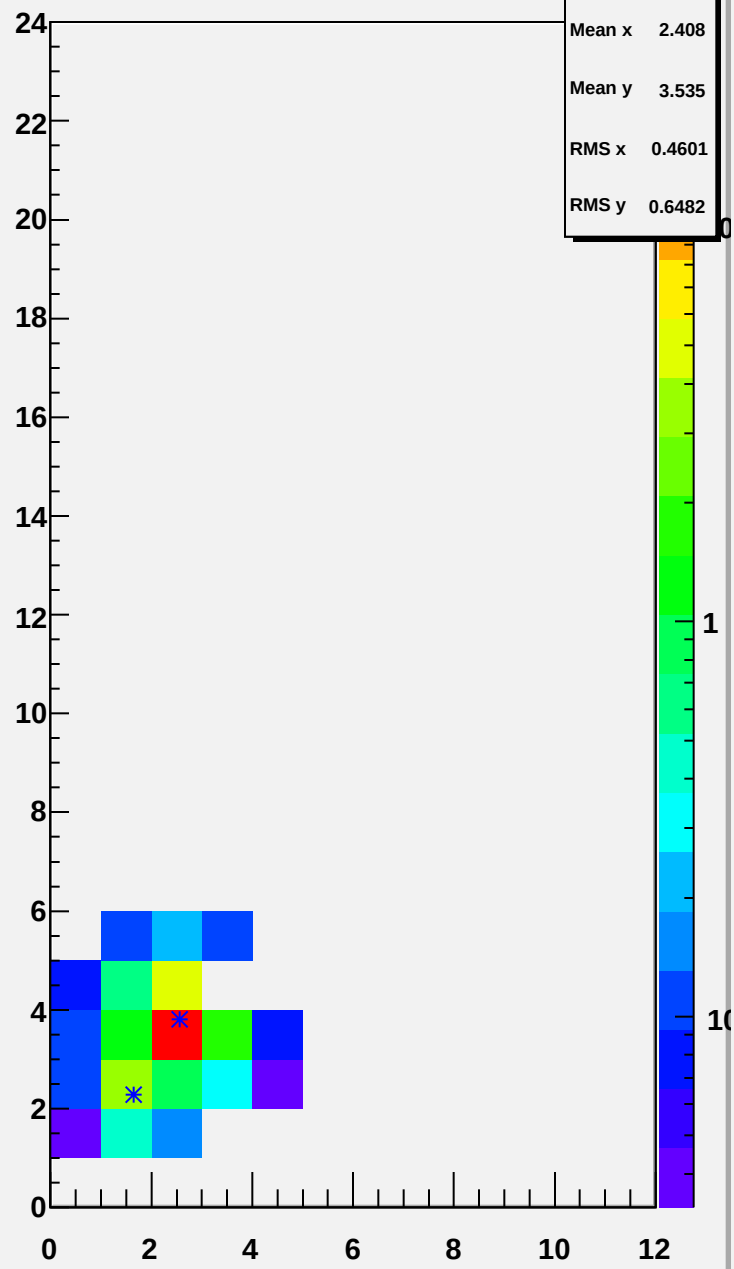
RMS x 2.829

RMS y 1.576

NSTB3_r4_c3_En=44.5_m0=0.135 m1=0.135 index=1938



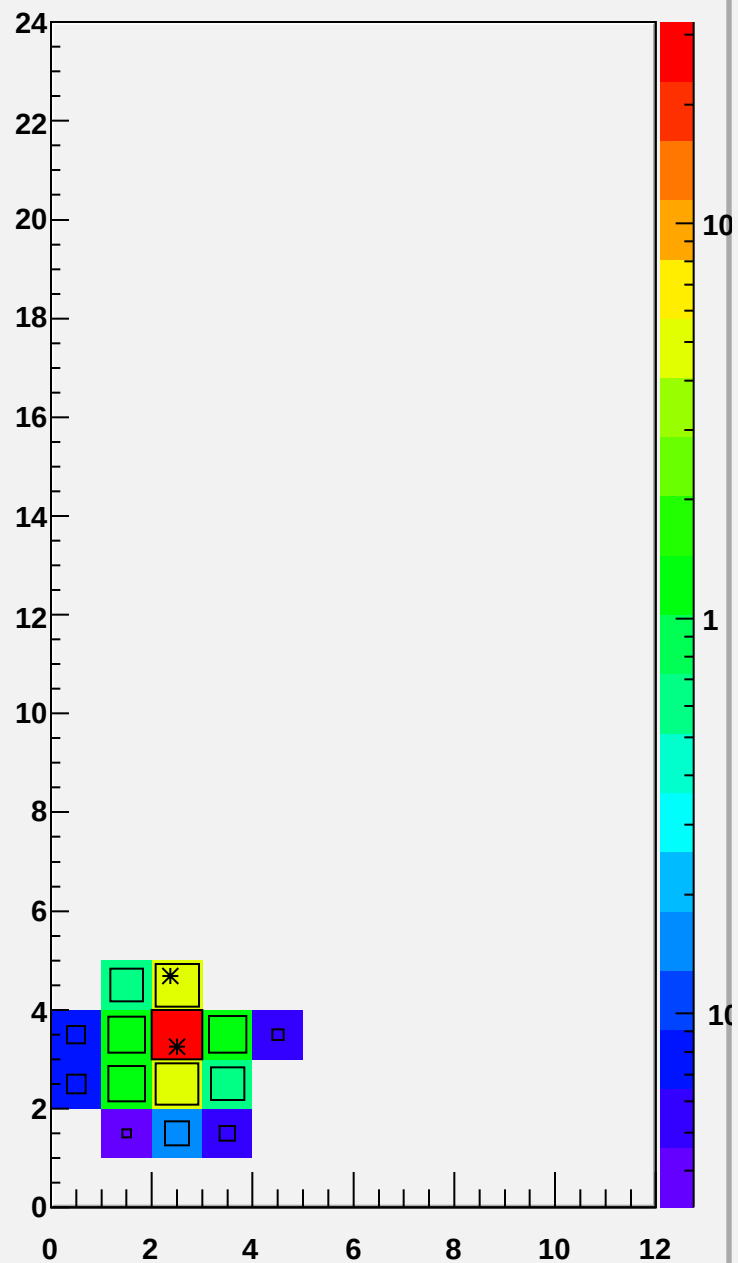
Fitted Energies



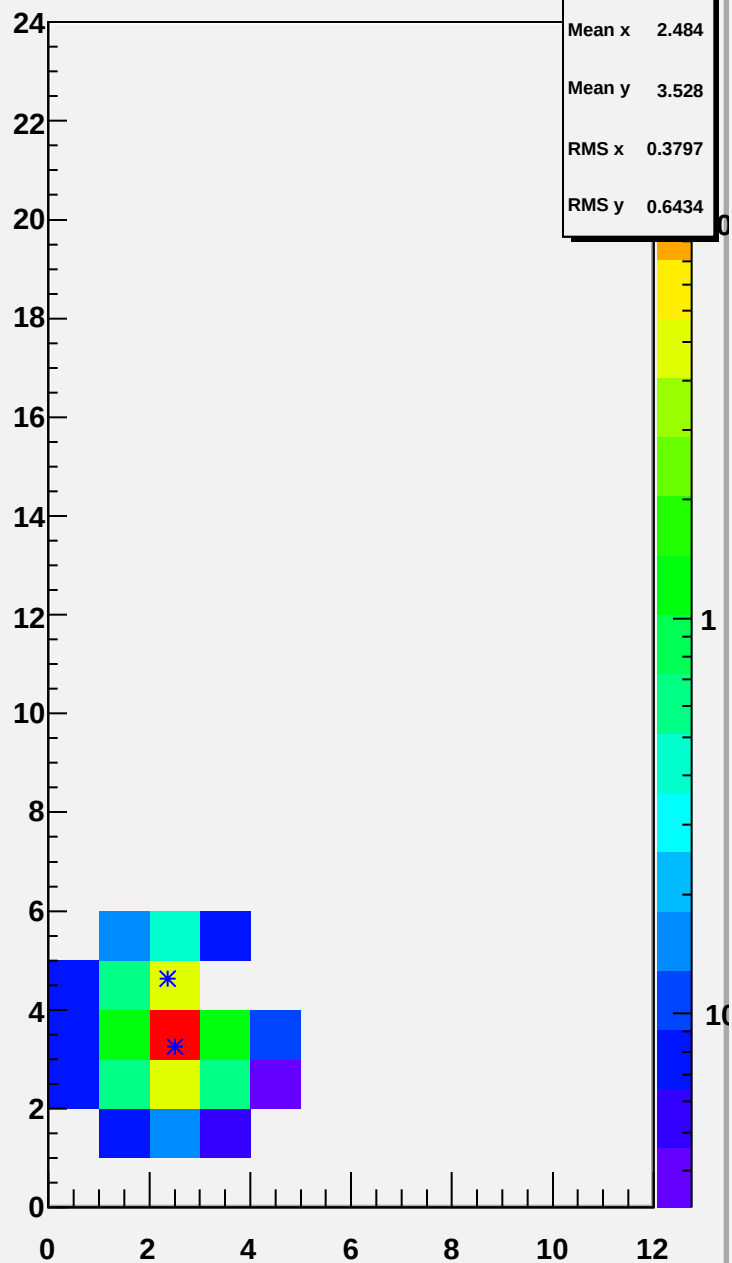
Efit

Entries	288
Mean x	2.408
Mean y	3.535
RMS x	0.4601
RMS y	0.6482

NSTB3_r4_c3_En=47.1_m0=0.126 m1=0.119 index=1939



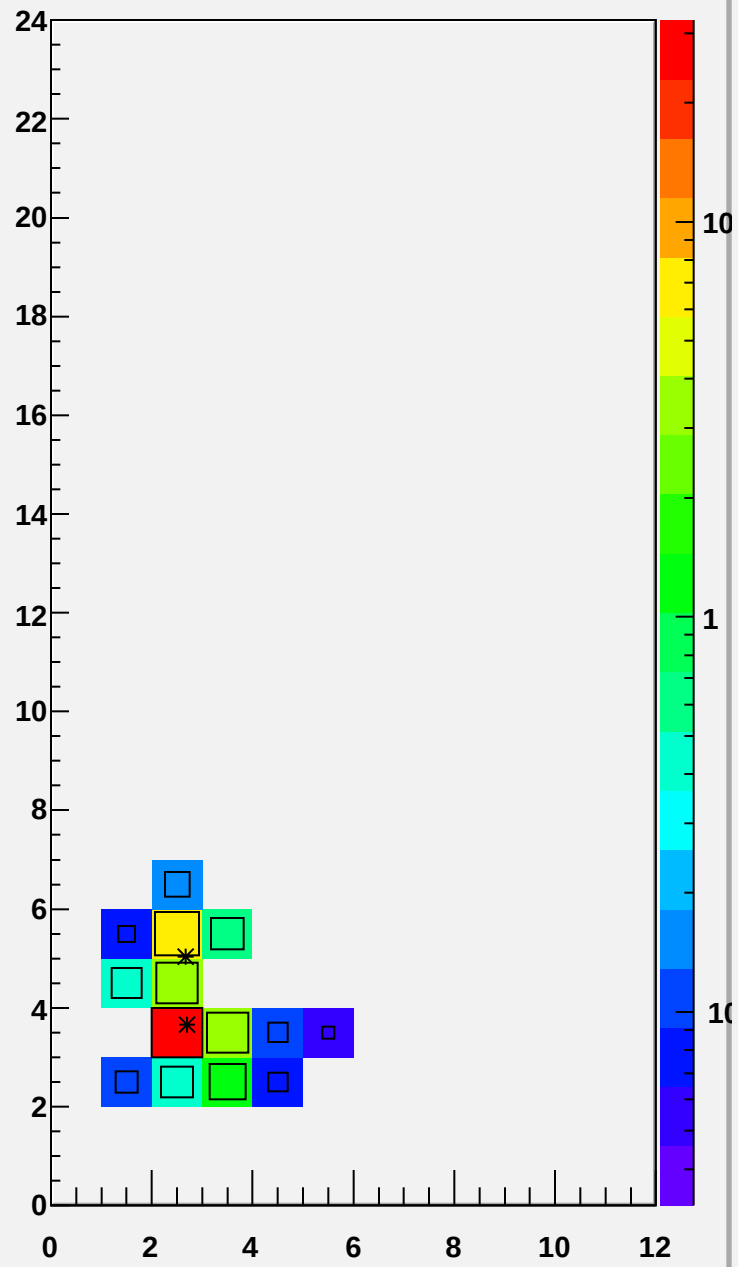
Fitted Energies



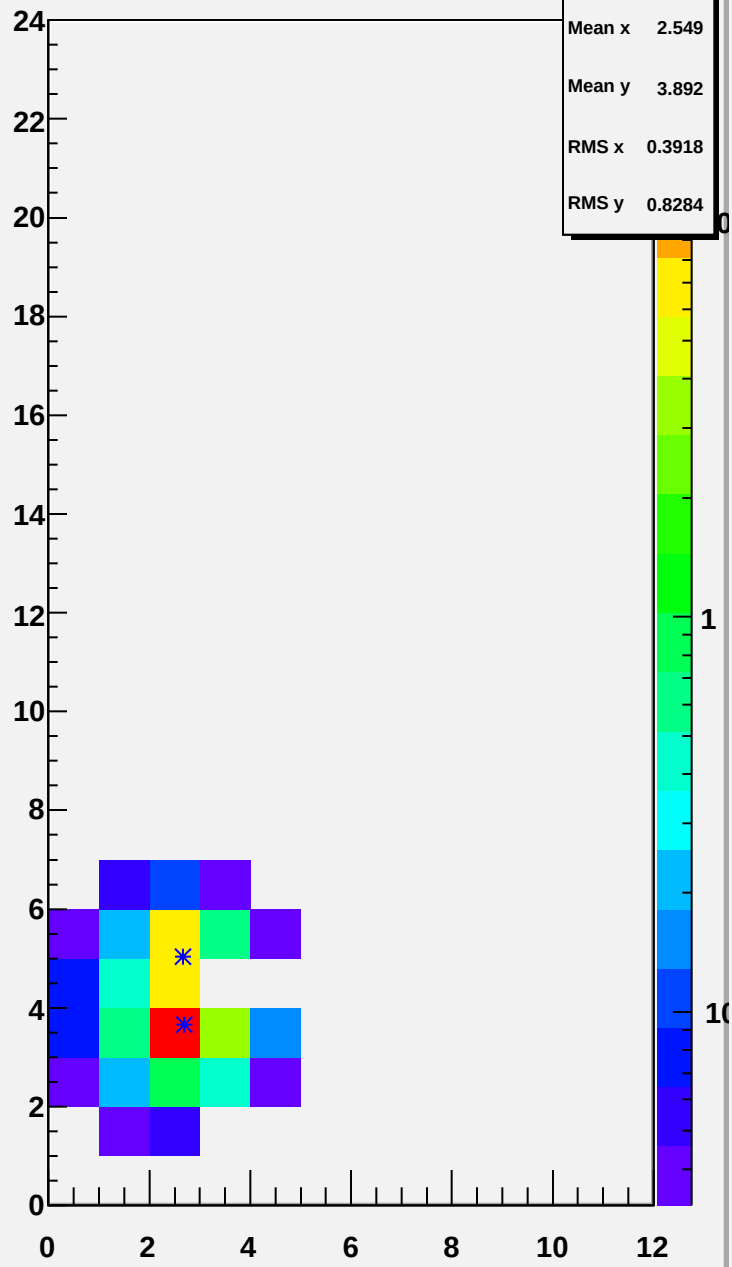
Efit

Entries	288
Mean x	2.484
Mean y	3.528
RMS x	0.3797
RMS y	0.6434

NSTB3_r4_c3_En=48.3_m0=0.167 m1=0.167 index=1940



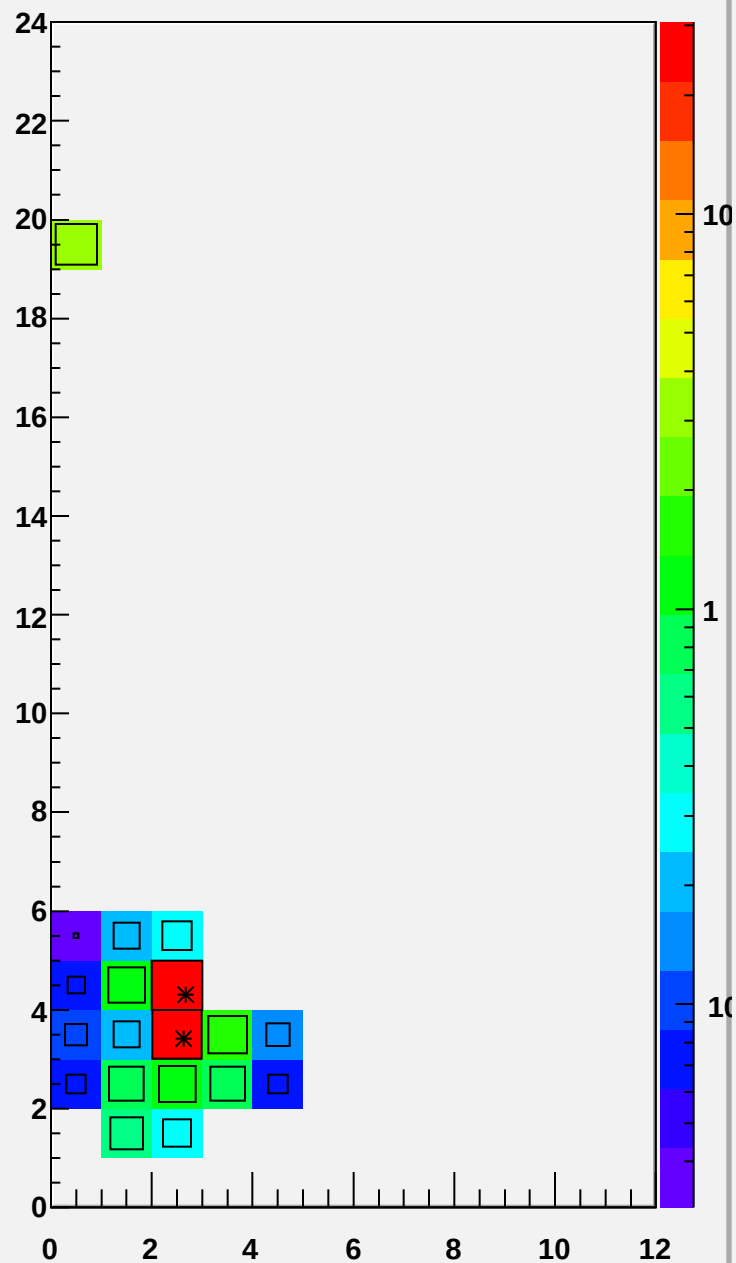
Fitted Energies



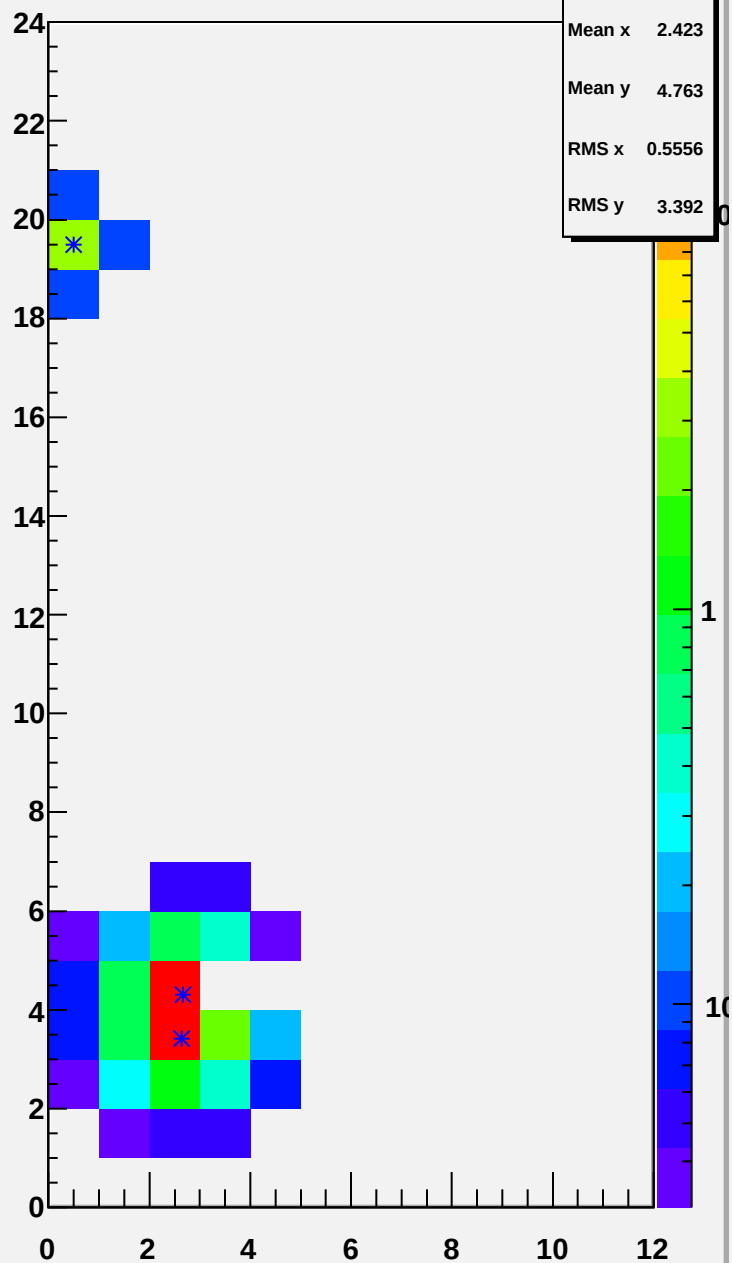
Efit

Entries	288
Mean x	2.549
Mean y	3.892
RMS x	0.3918
RMS y	0.8284

NSTB3_r4_c3_En=66.4_m0=0.154_m1=0.155_index=1941



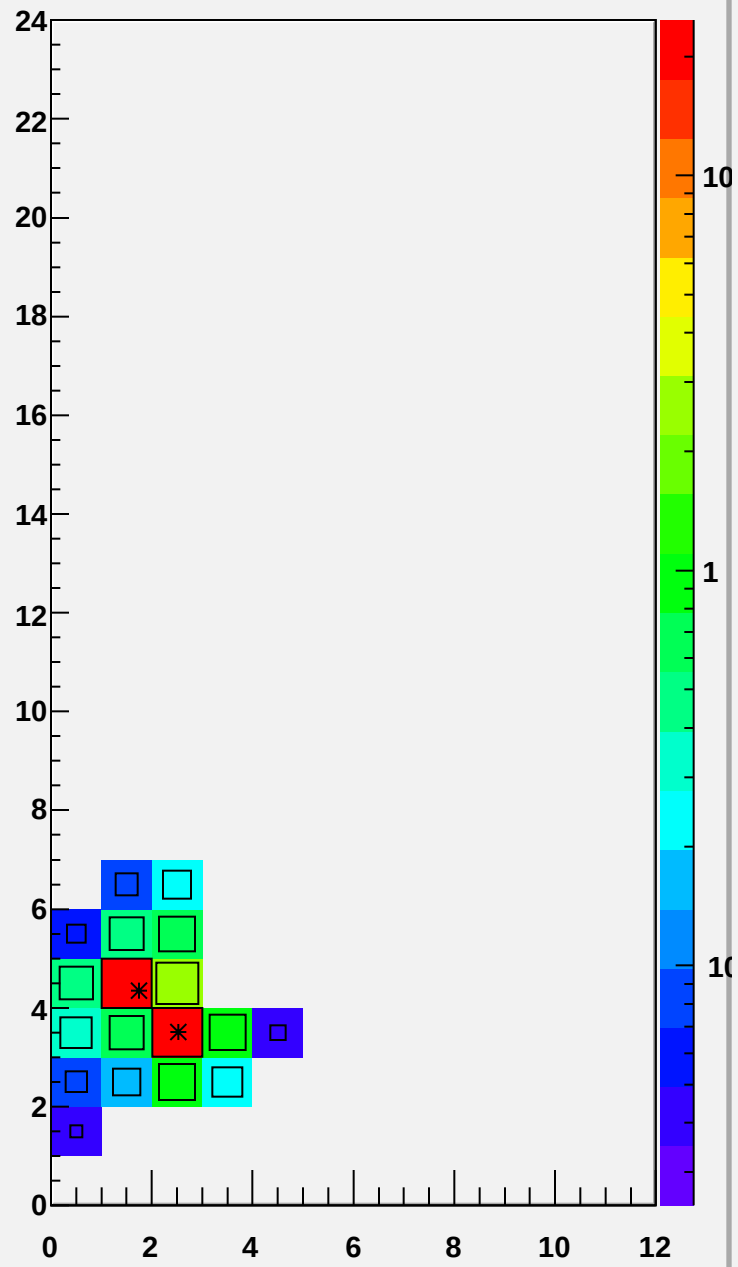
Fitted Energies



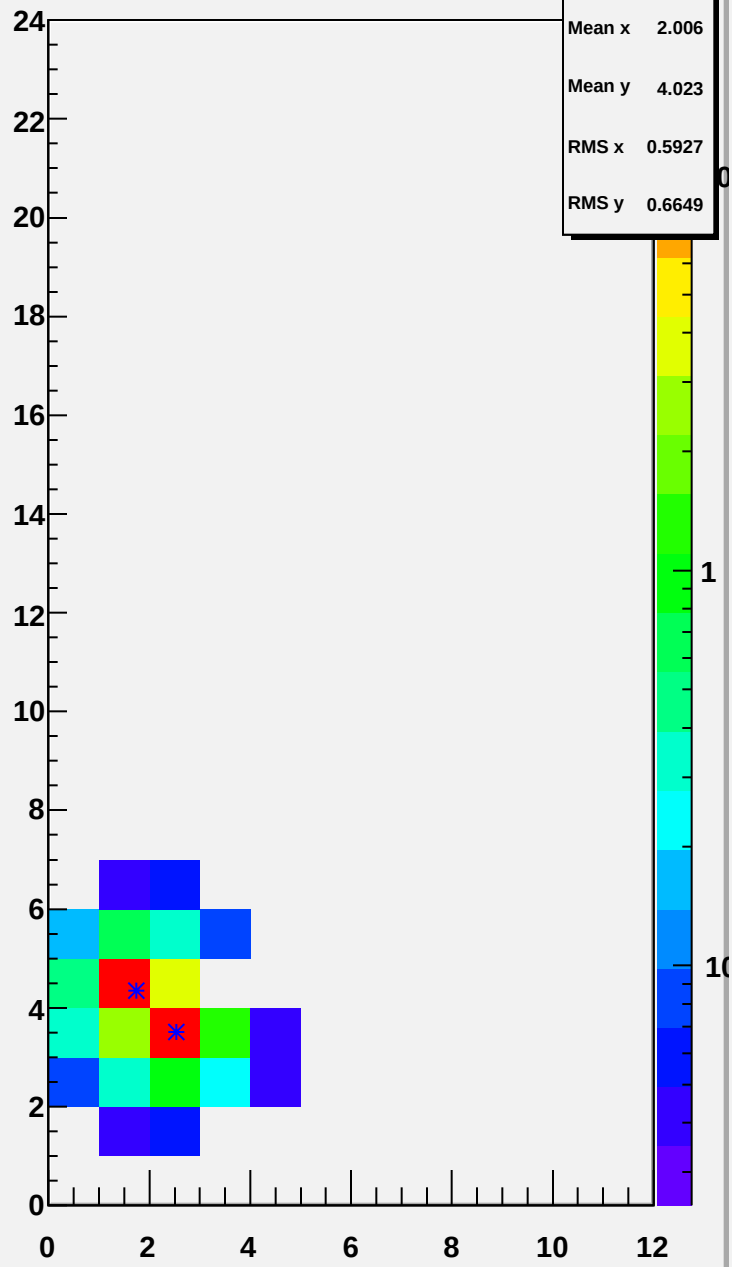
Efit

Entries	288
Mean x	2.423
Mean y	4.763
RMS x	0.5556
RMS y	3.392

NSTB3_r4_c3_En=54.8_m0=0.185 m1=0.184 index=1942



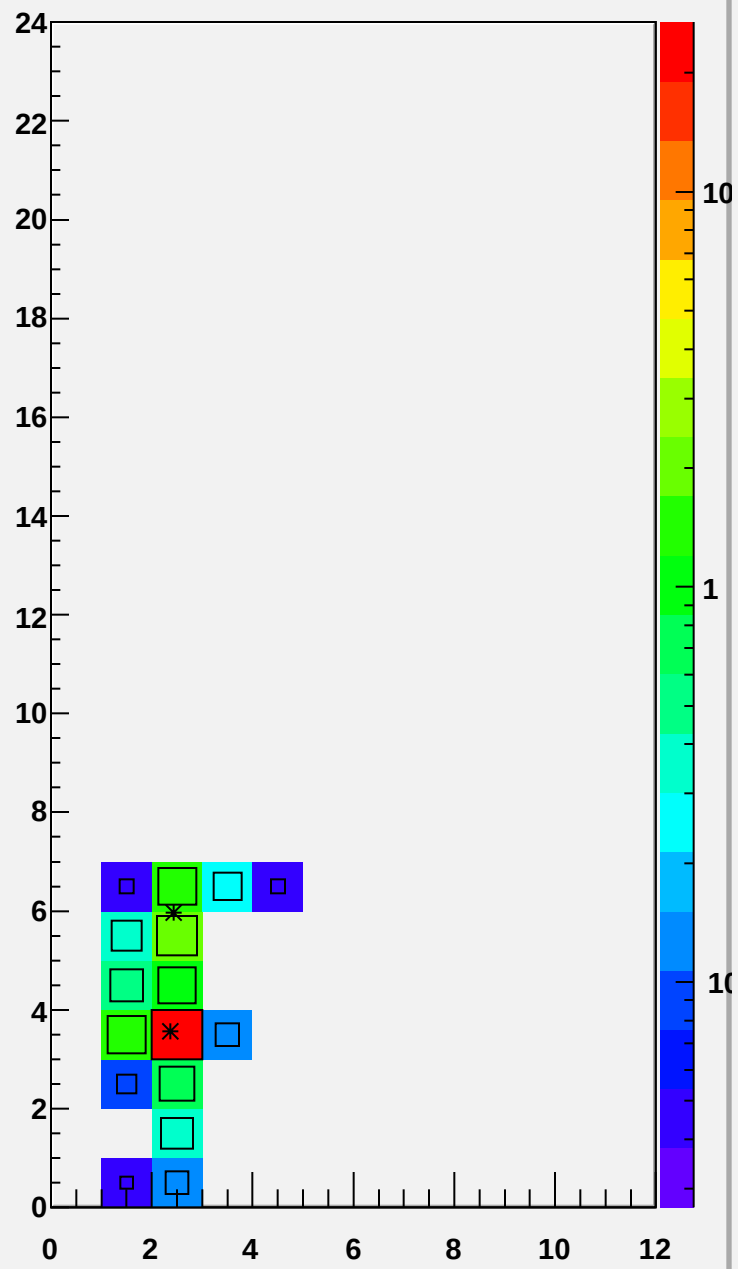
Fitted Energies



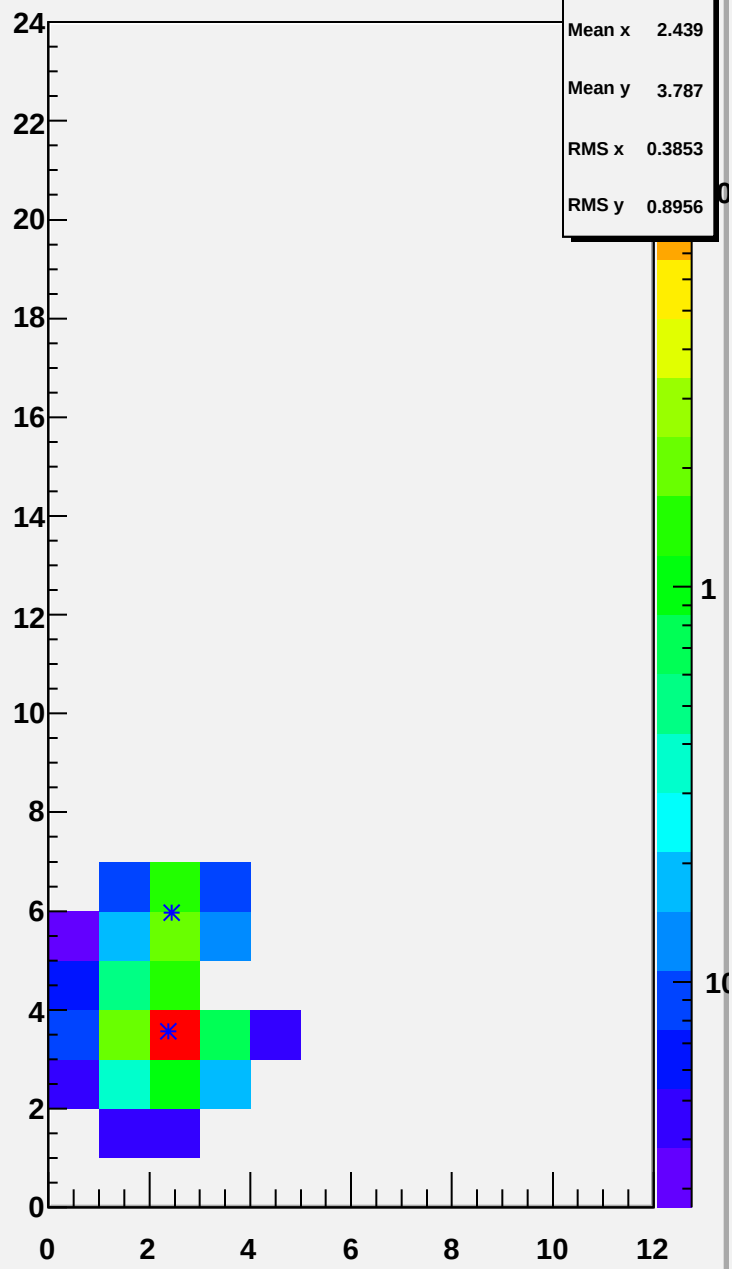
Efit

Entries	288
Mean x	2.006
Mean y	4.023
RMS x	0.5927
RMS y	0.6649

NSTB3_r4_c3_En=35.5_m0=0.155 m1=0.156 index=1943



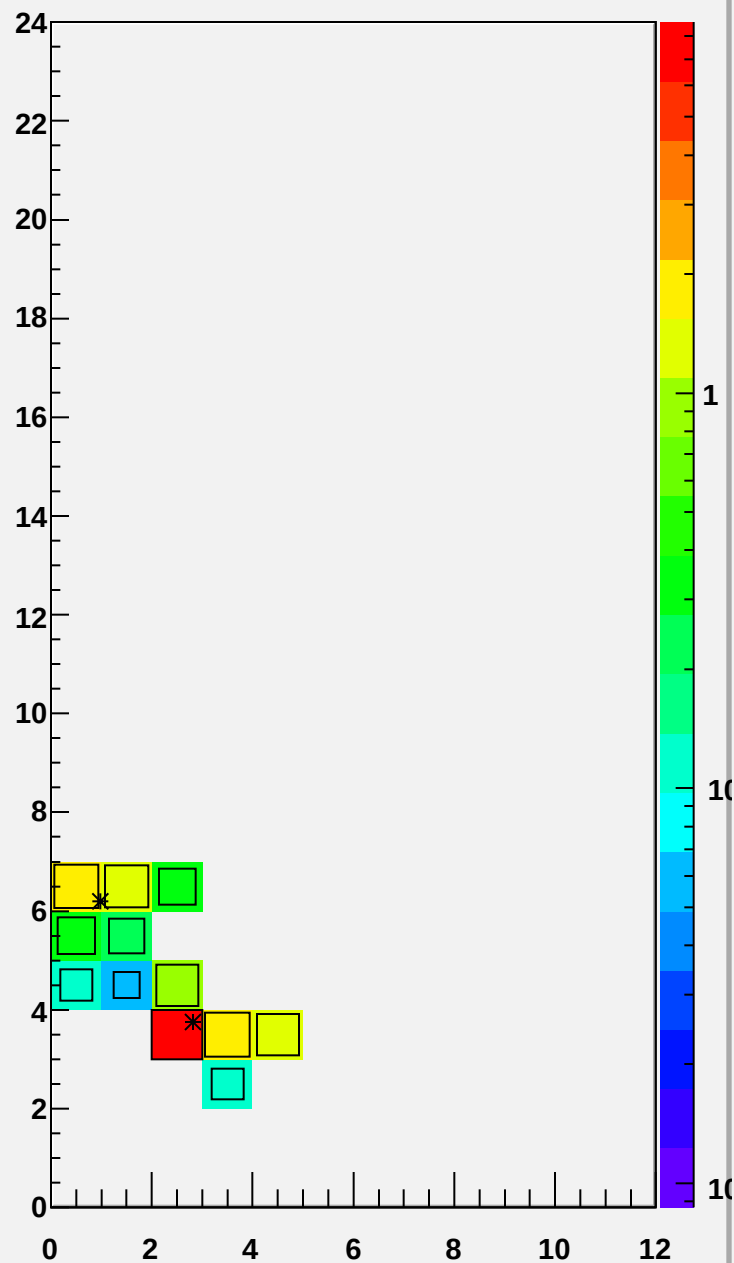
Fitted Energies



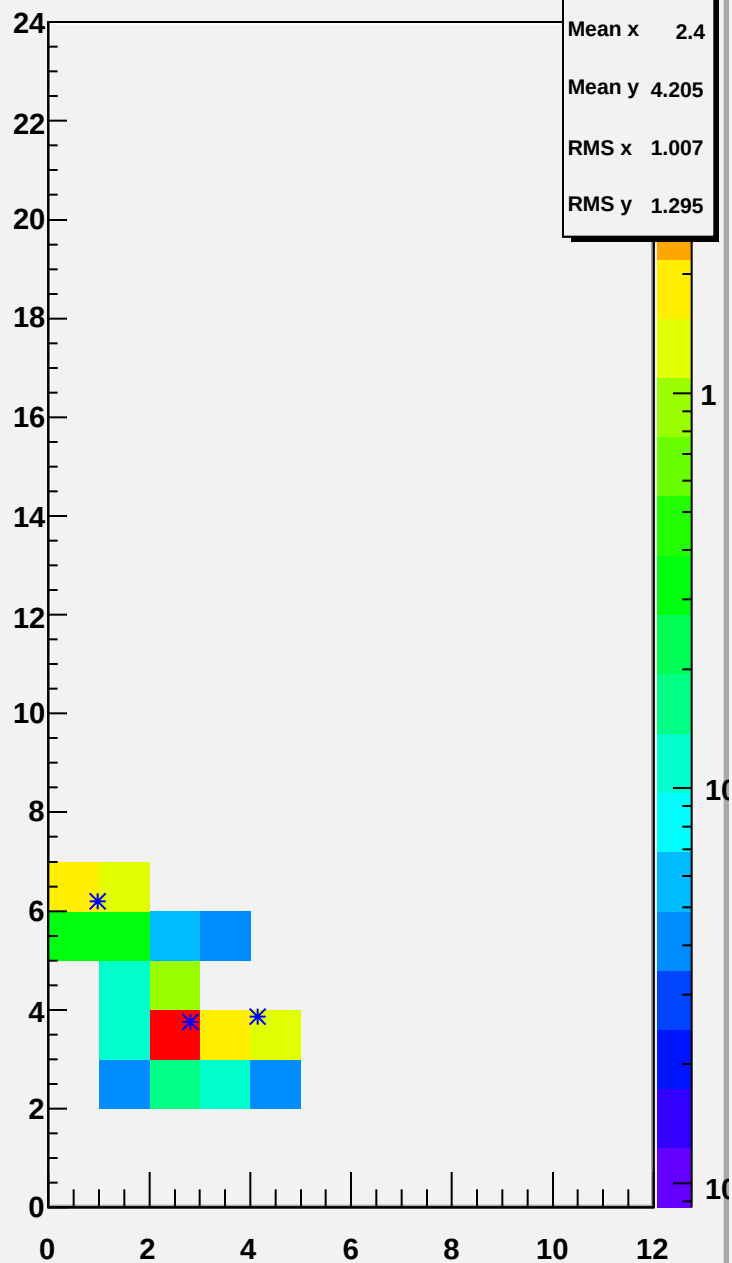
Efit

Entries	288
Mean x	2.439
Mean y	3.787
RMS x	0.3853
RMS y	0.8956

NSTB3_r4_c3_En=17.2_m0=0.119 m1=0.119 index=1944



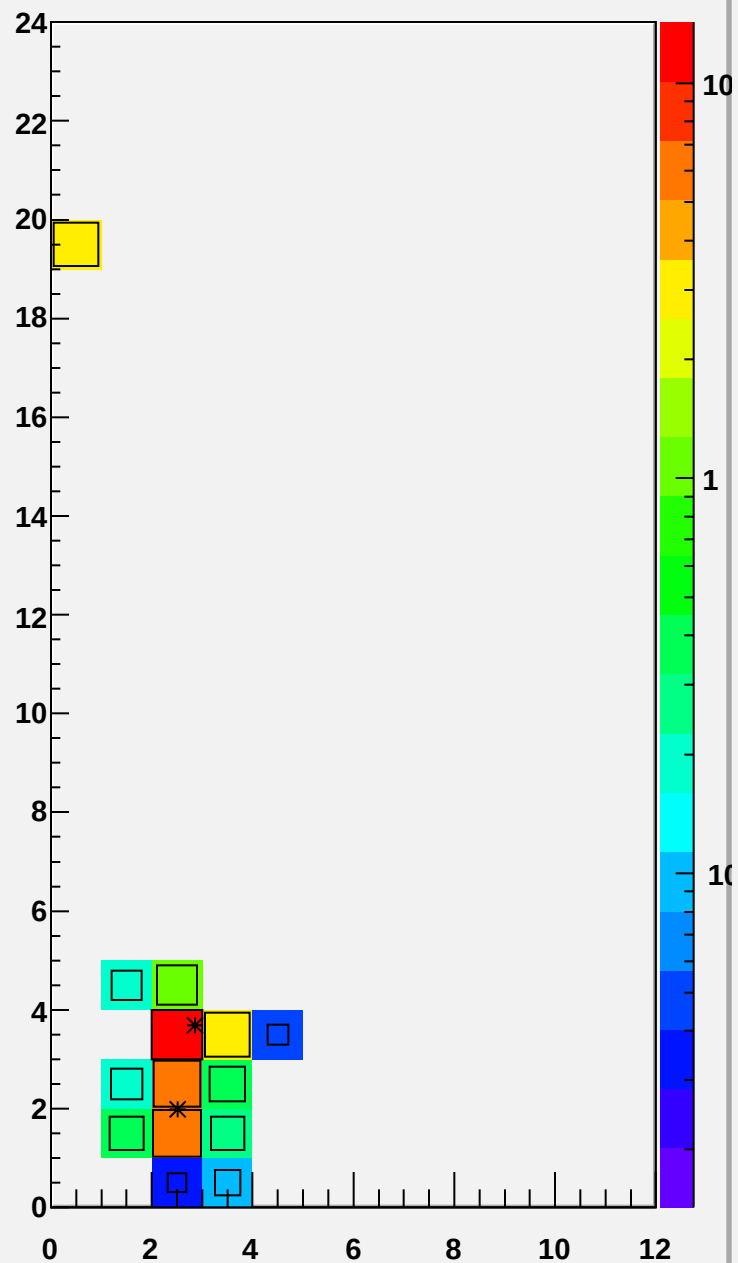
Fitted Energies



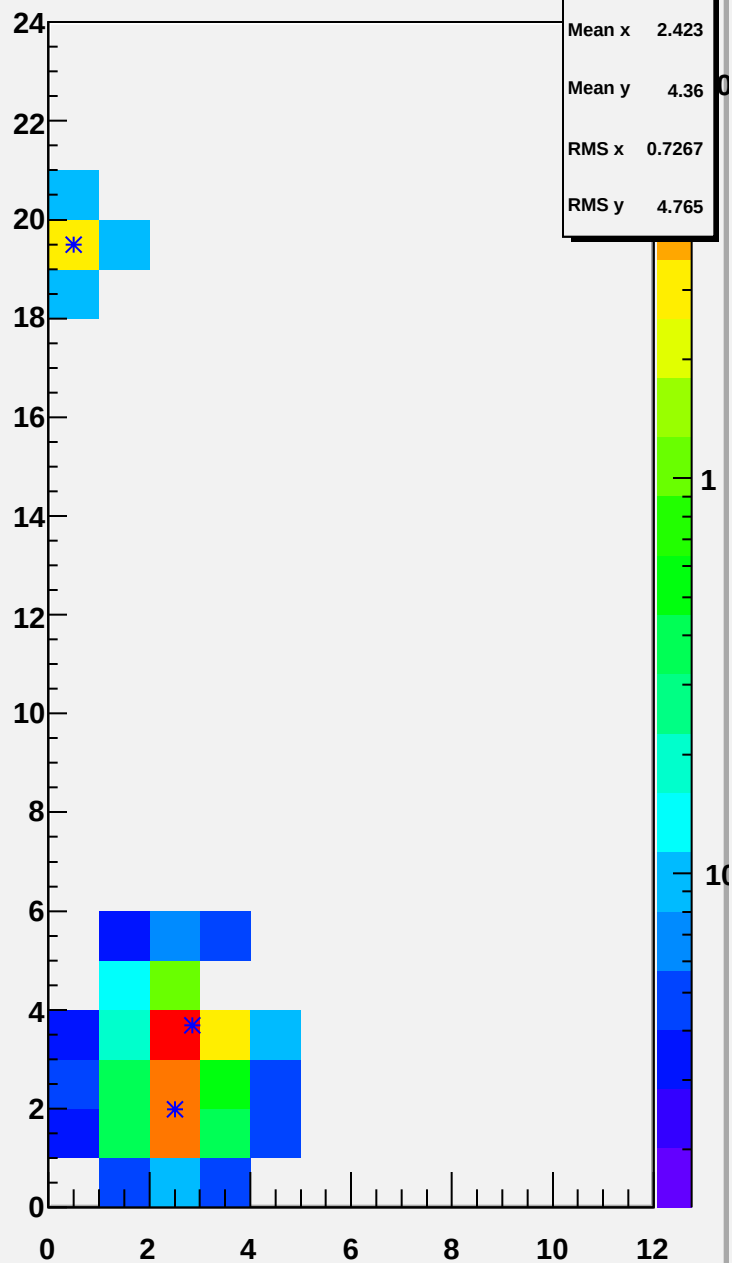
Efit

Entries	288
Mean x	2.4
Mean y	4.205
RMS x	1.007
RMS y	1.295

NSTB3_r4_c3_En=36.0_m0=0.162 m1=0.161 index=1945



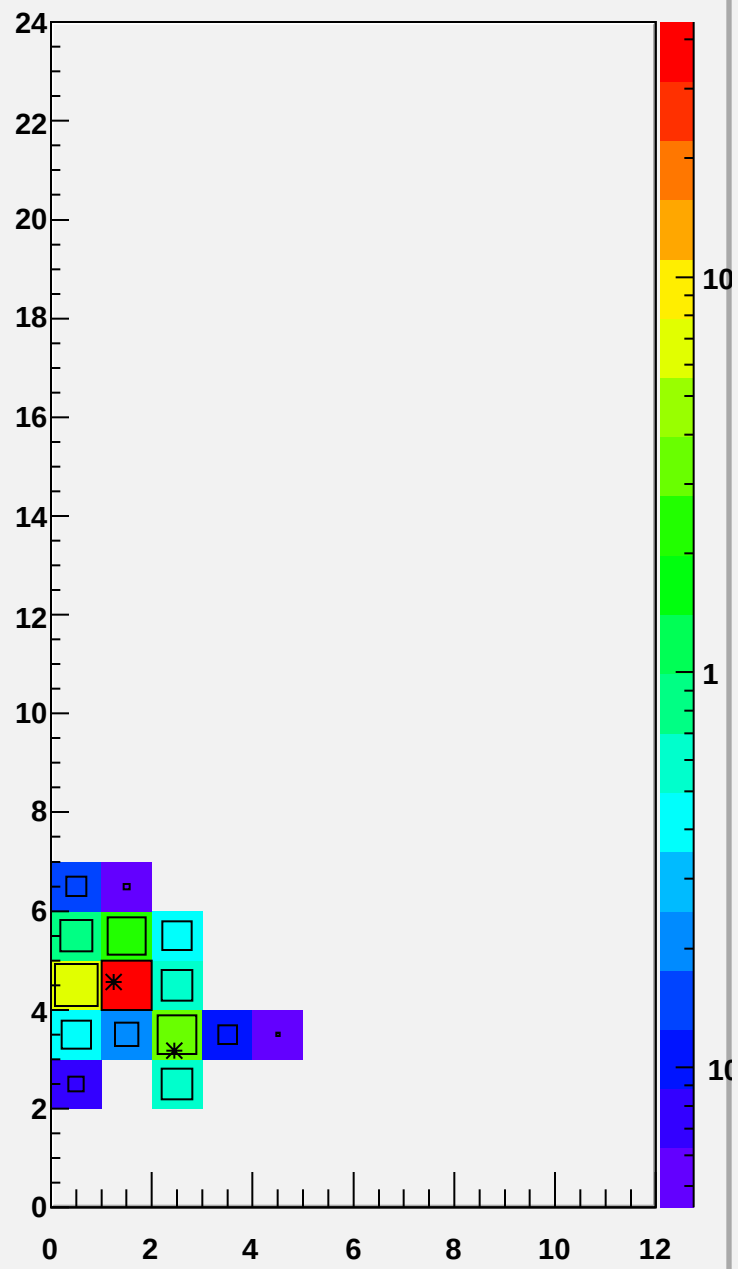
Fitted Energies



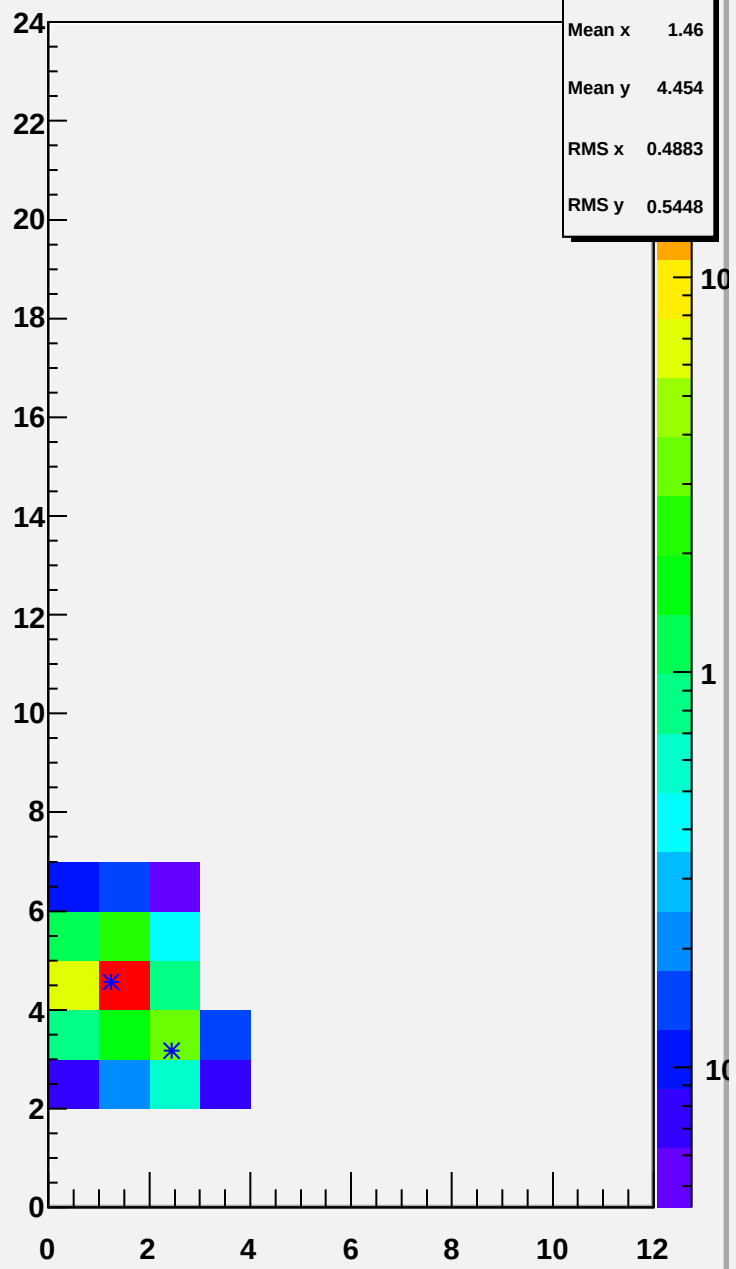
Efit

Entries	288
Mean x	2.423
Mean y	4.36
RMS x	0.7267
RMS y	4.765

NSTB3_r4_c3_En=59.4_m0=0.153 m1=0.153 index=1946



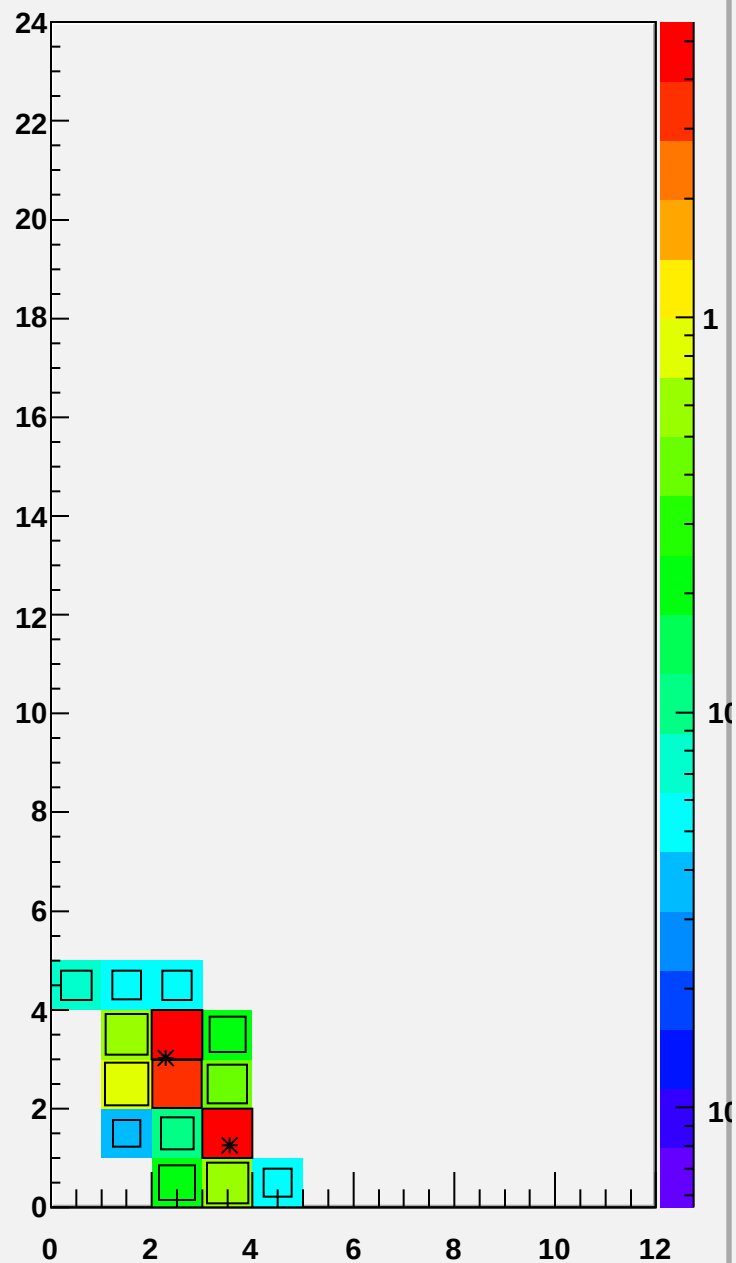
Fitted Energies



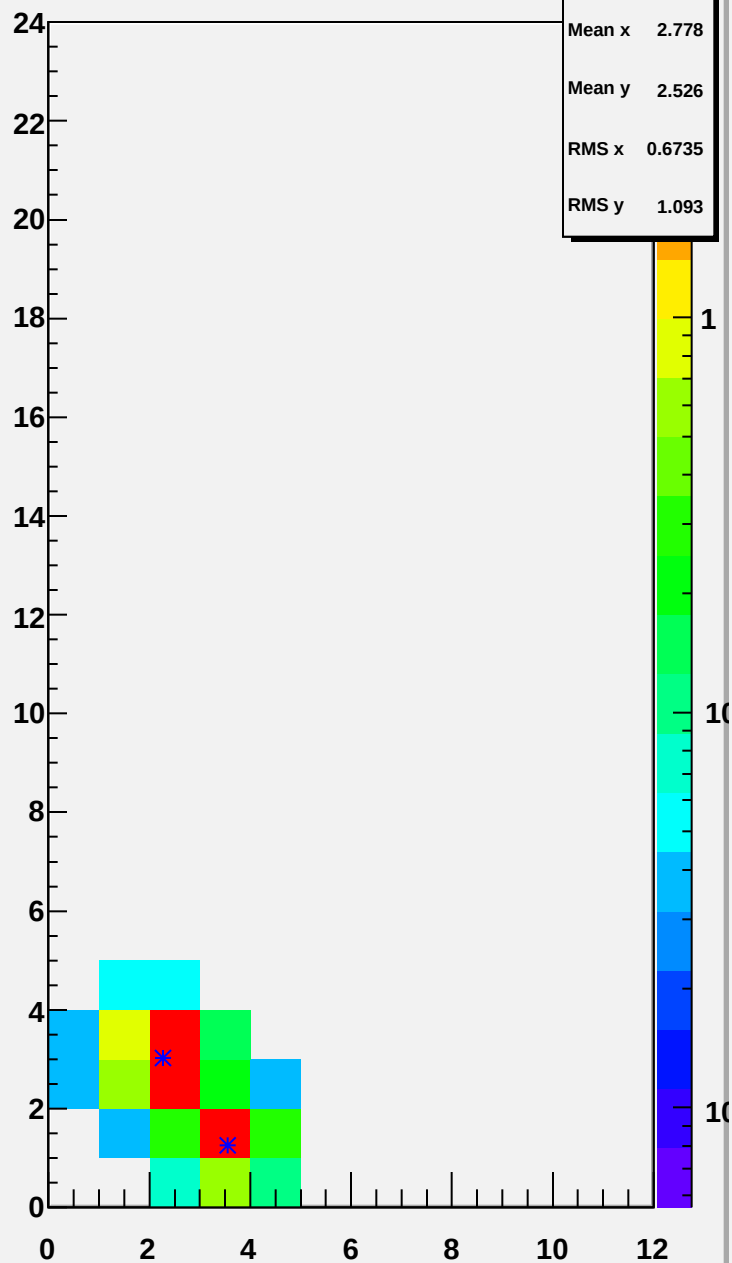
Efit

Entries	288
Mean x	1.46
Mean y	4.454
RMS x	0.4883
RMS y	0.5448

NSTB3_r4_c3_En=17.5_m0=0.102 m1=0.102 index=1947



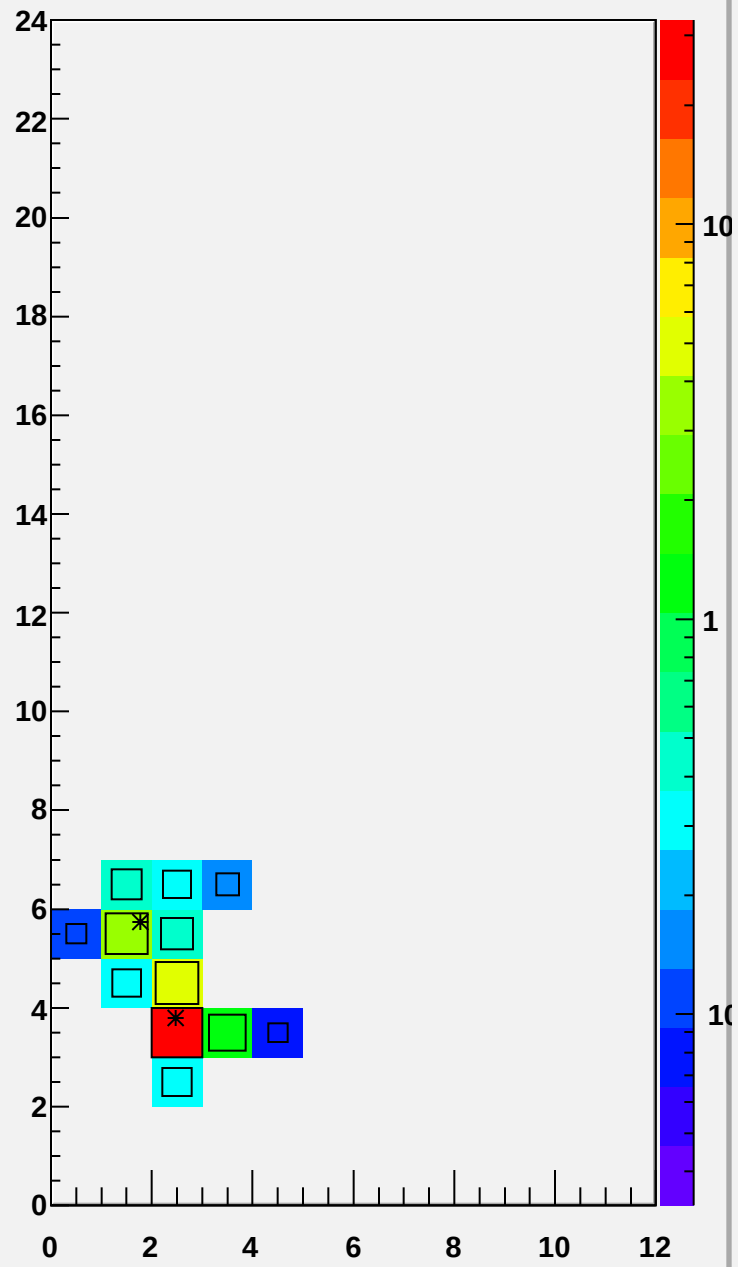
Fitted Energies



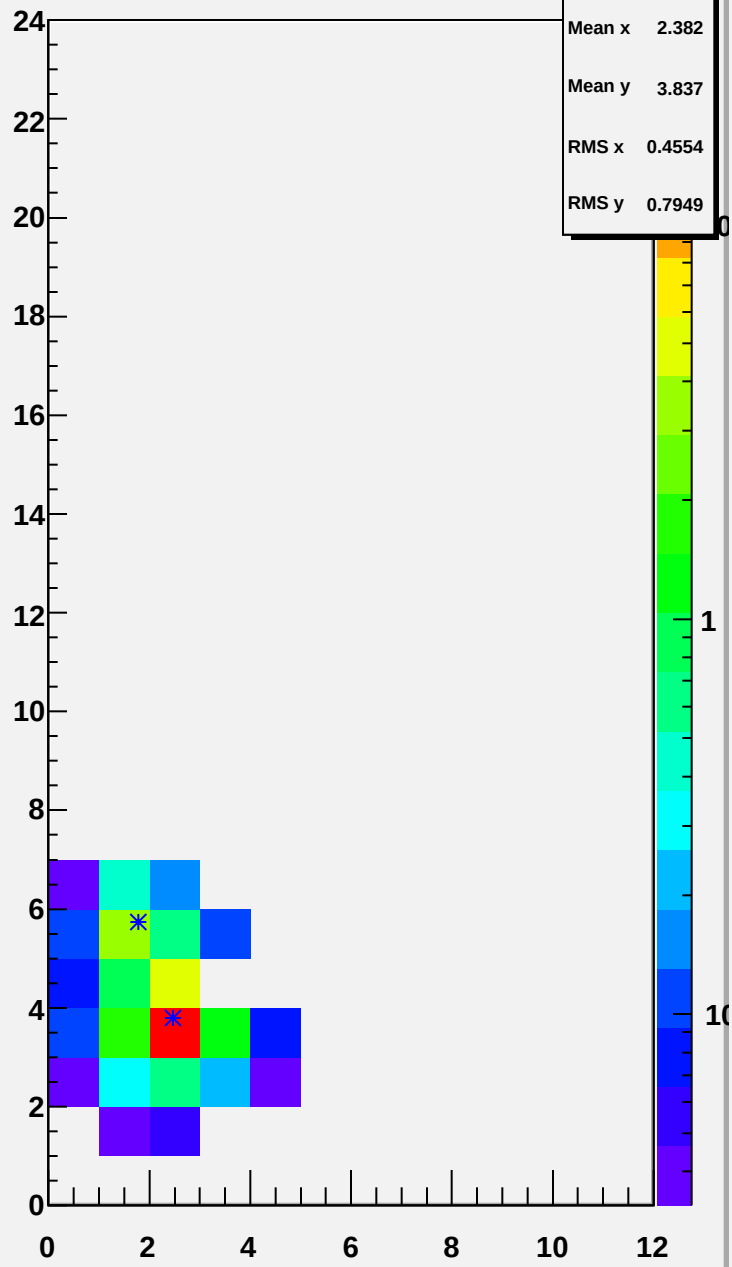
Efit

Entries	288
Mean x	2.778
Mean y	2.526
RMS x	0.6735
RMS y	1.093

NSTB3_r4_c3_En=44.9_m0=0.167 m1=0.167 index=1948



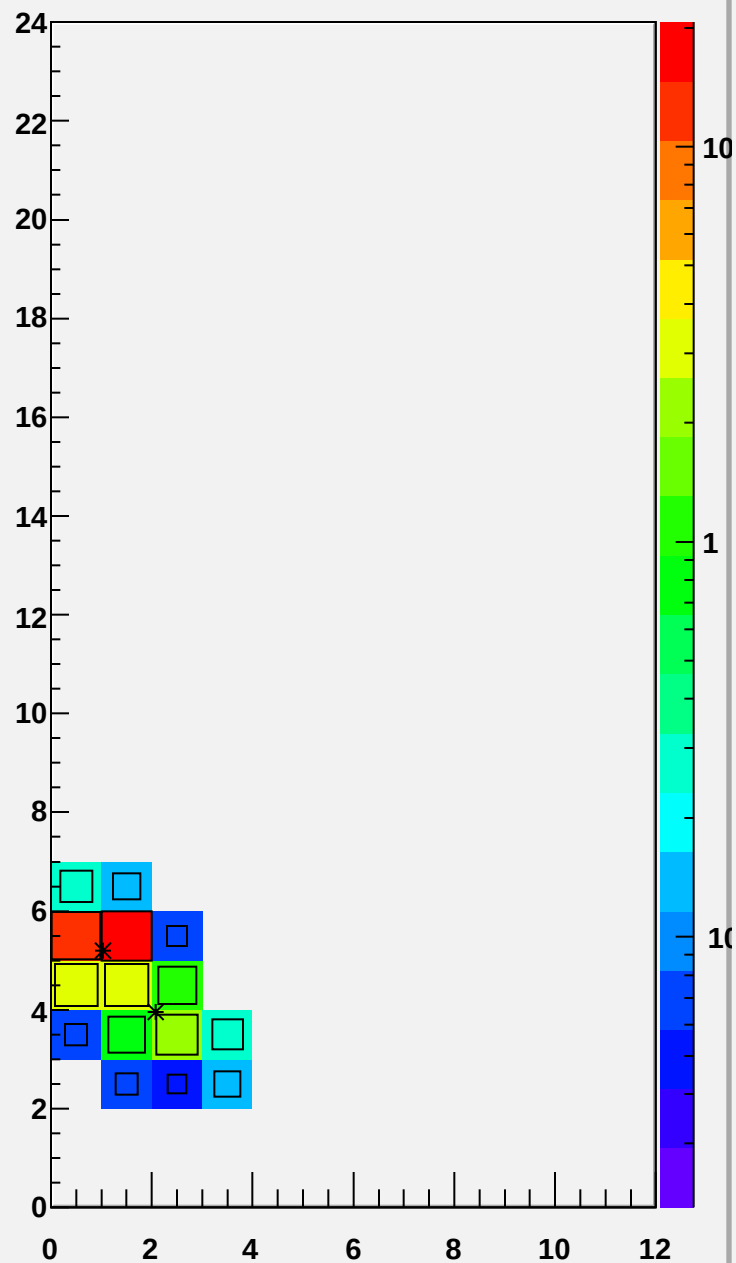
Fitted Energies



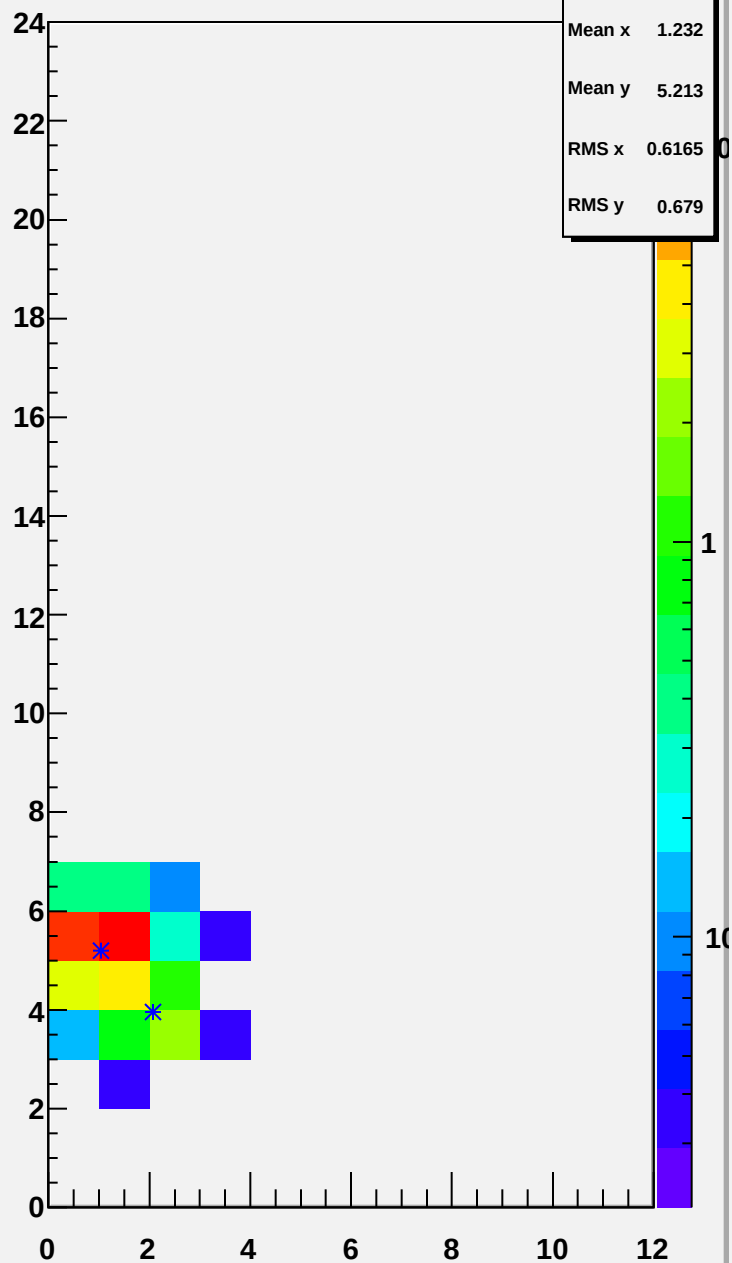
Efit

Entries	288
Mean x	2.382
Mean y	3.837
RMS x	0.4554
RMS y	0.7949

NSTB3_r4_c3_En=44.7_m0=0.125_m1=0.125_index=1949



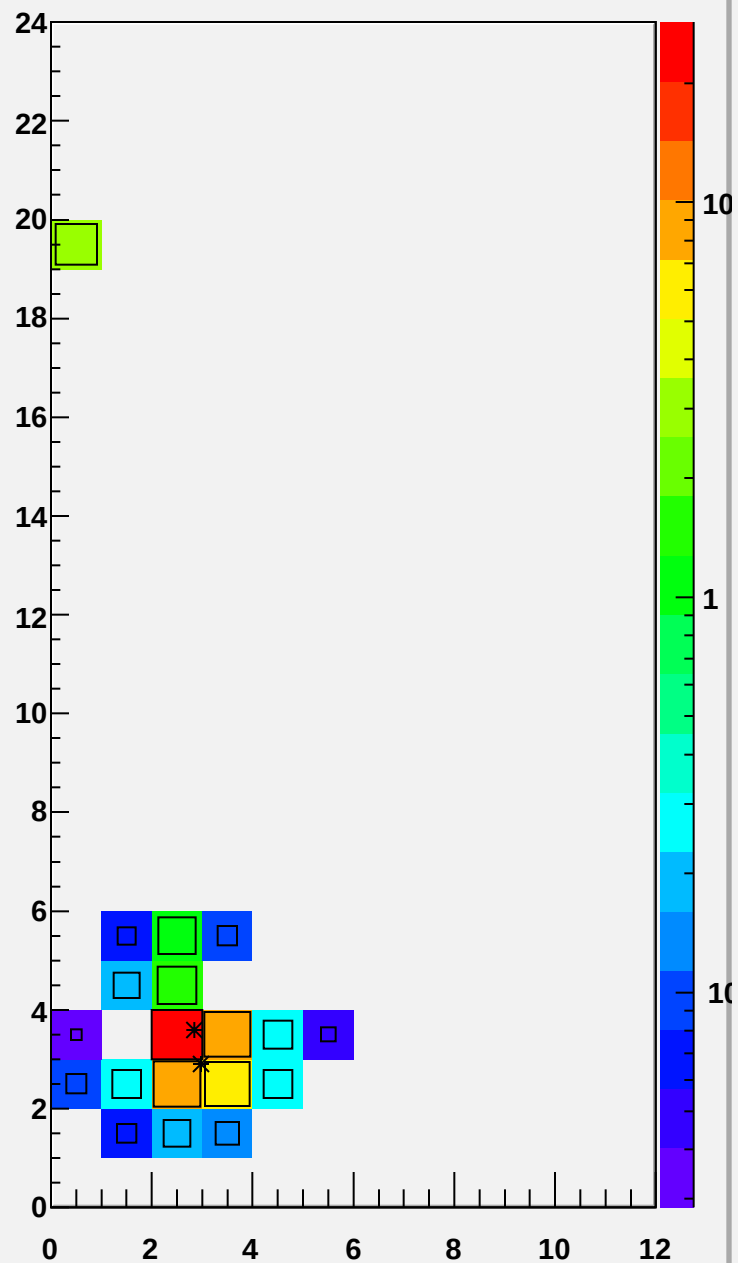
Fitted Energies



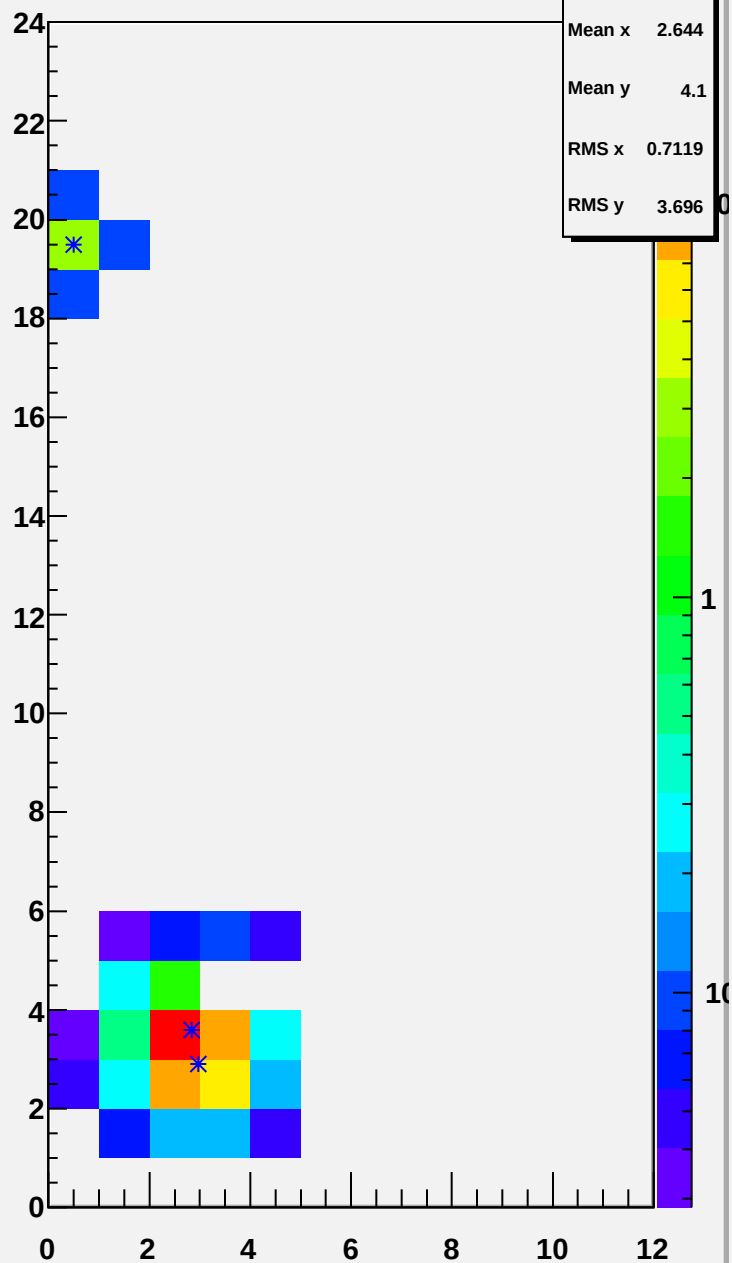
Efit

Entries	288
Mean x	1.232
Mean y	5.213
RMS x	0.6165
RMS y	0.679

NSTB3_r4_c3_En=60.6_m0=0.107 m1=0.106 index=1950



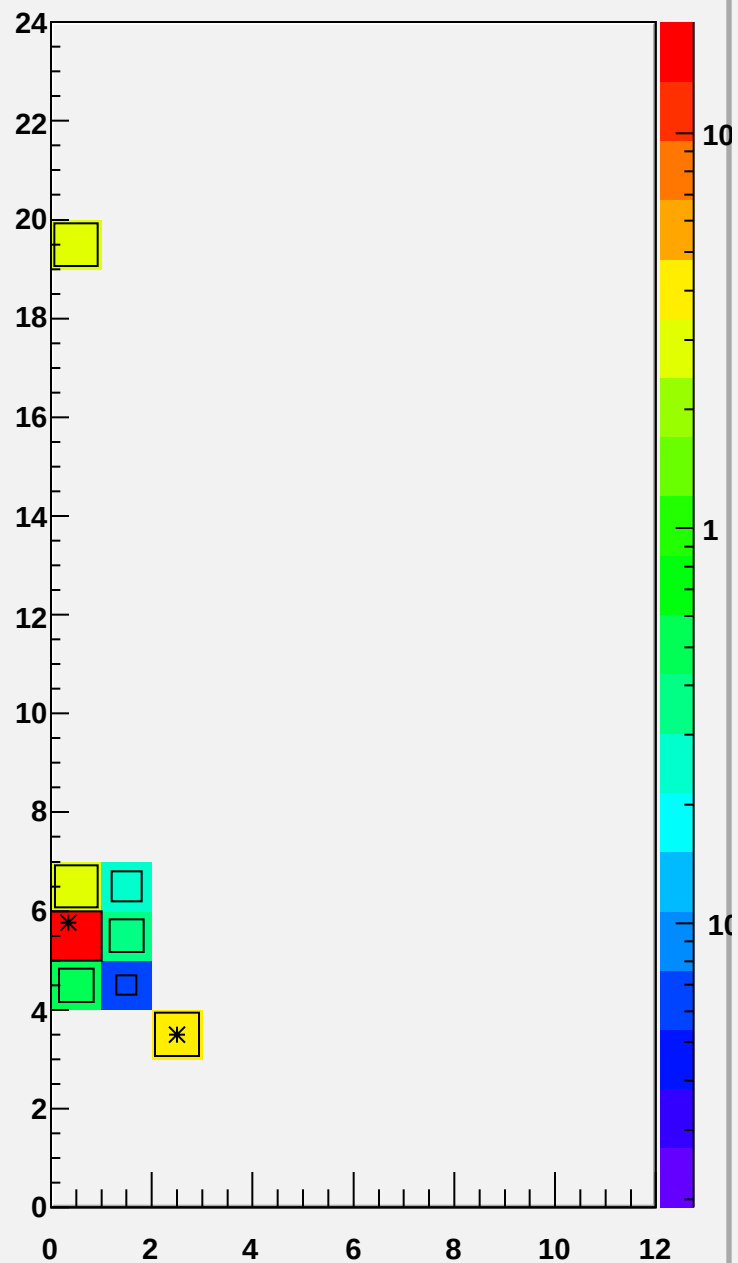
Fitted Energies



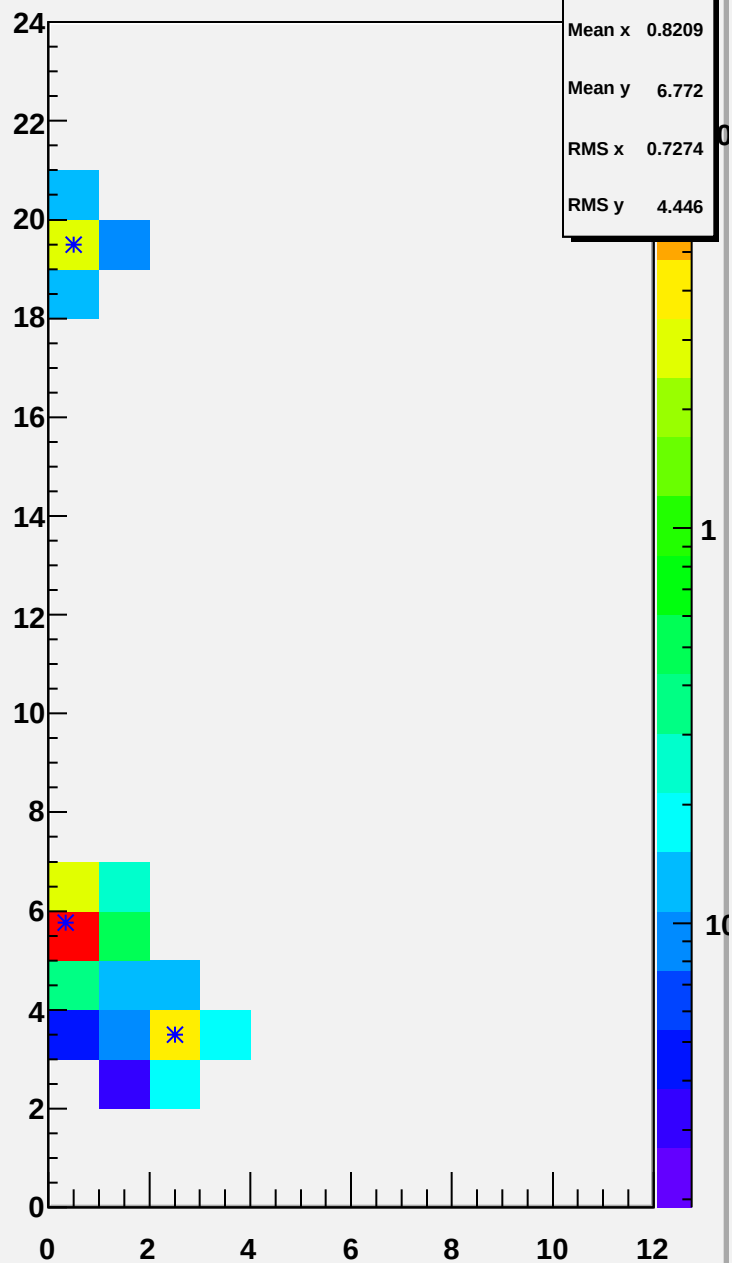
Efit

Entries	288
Mean x	2.644
Mean y	4.1
RMS x	0.7119
RMS y	3.696

NSTB3_r4_c3_En=30.4_m0=0.185_m1=0.184_index=1951



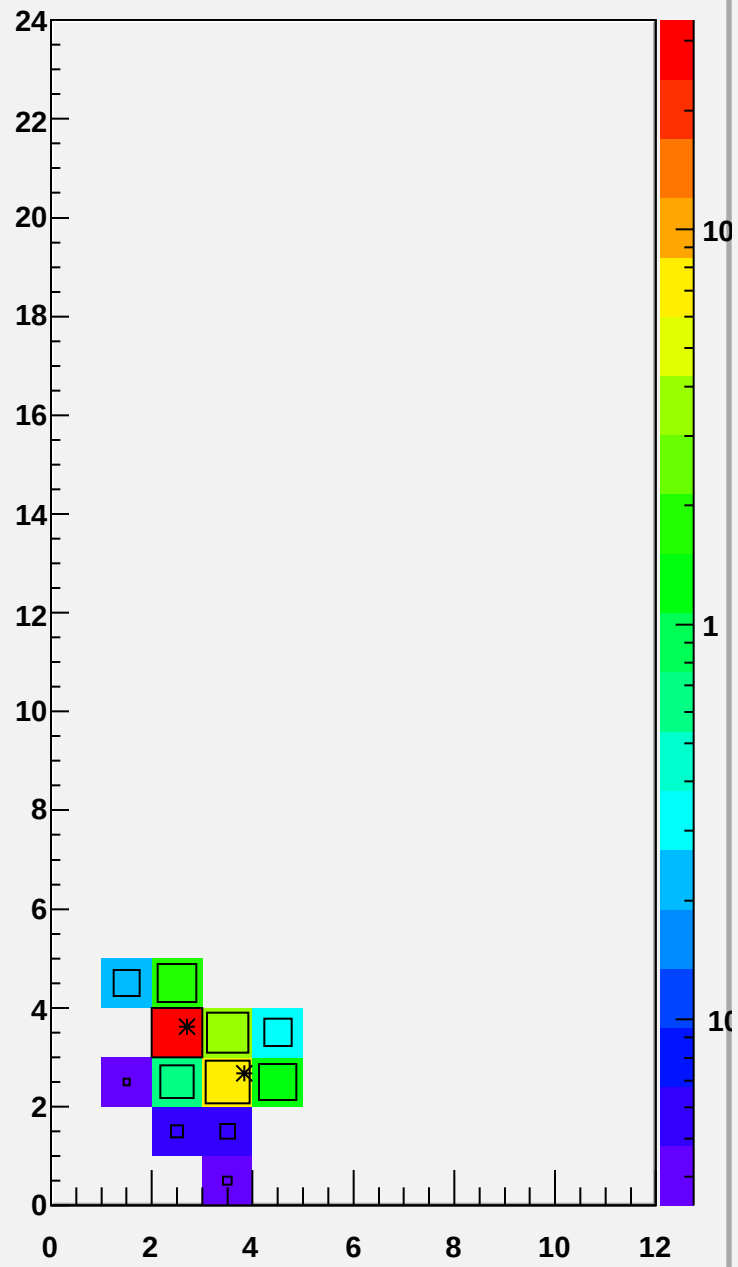
Fitted Energies



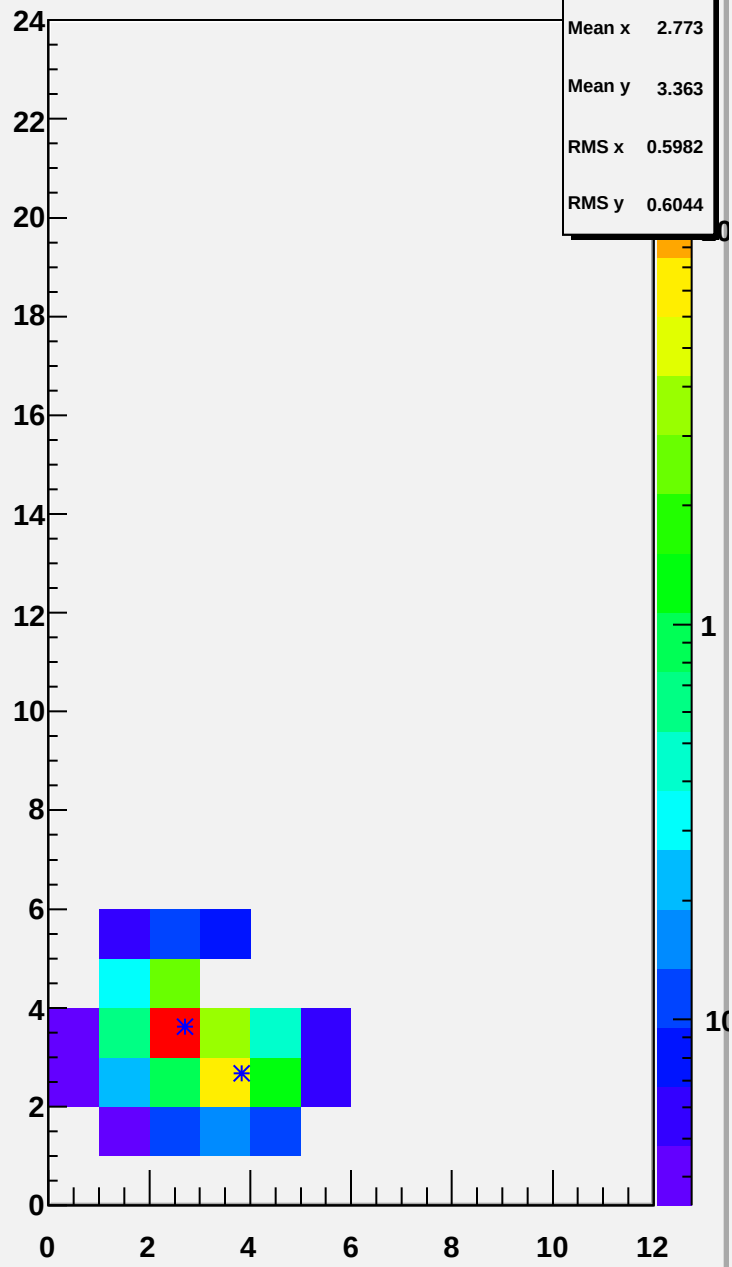
Efit

Entries	288
Mean x	0.8209
Mean y	6.772
RMS x	0.7274
RMS y	4.446

NSTB3_r4_c3_En=48.7_m0=0.162 m1=0.162 index=1952



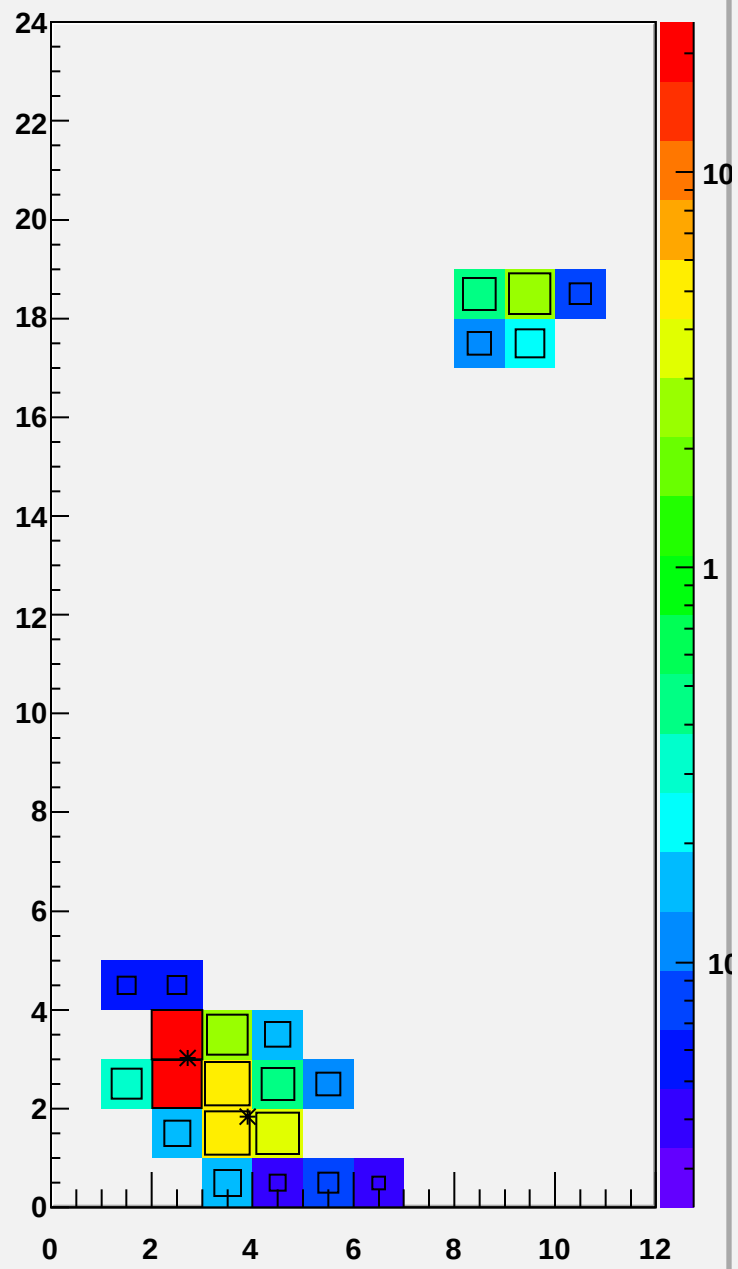
Fitted Energies



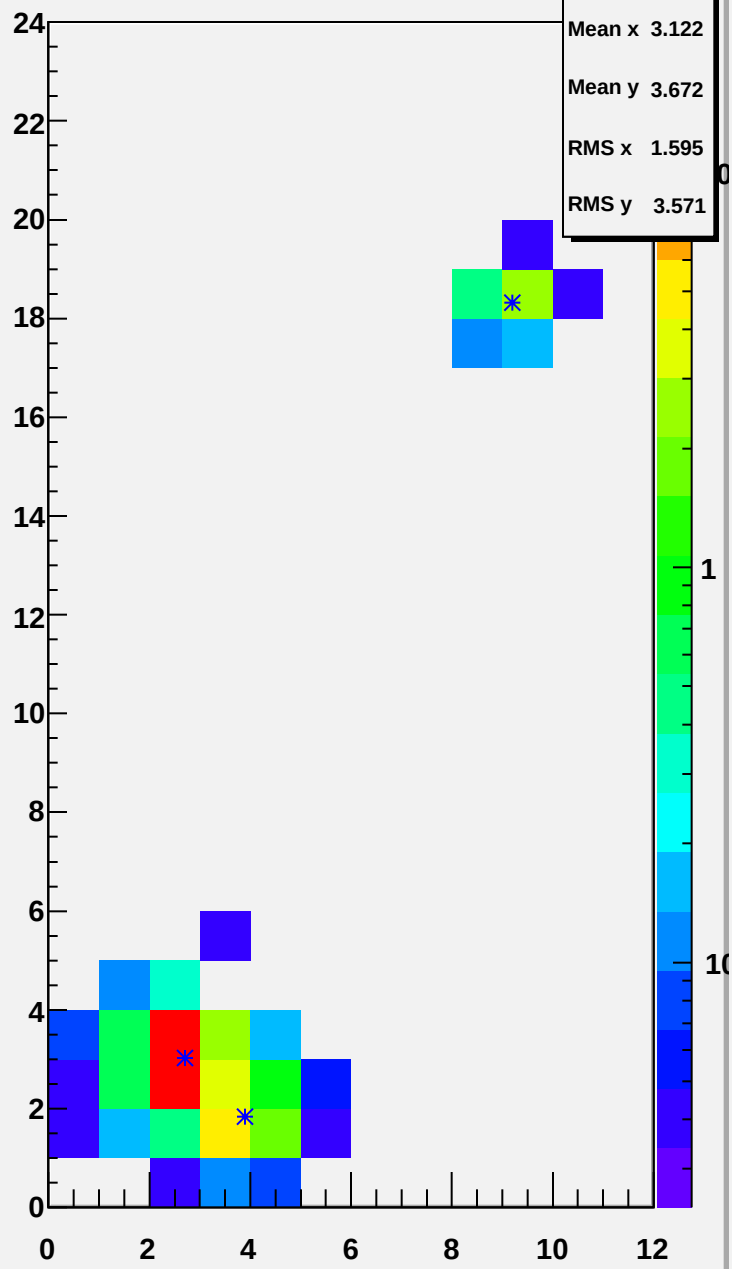
Efit

Entries	288
Mean x	2.773
Mean y	3.363
RMS x	0.5982
RMS y	0.6044

NSTB3_r4_c3_En=62.3_m0=0.198 m1=0.198 index=1954



Fitted Energies



Efit

Entries 288

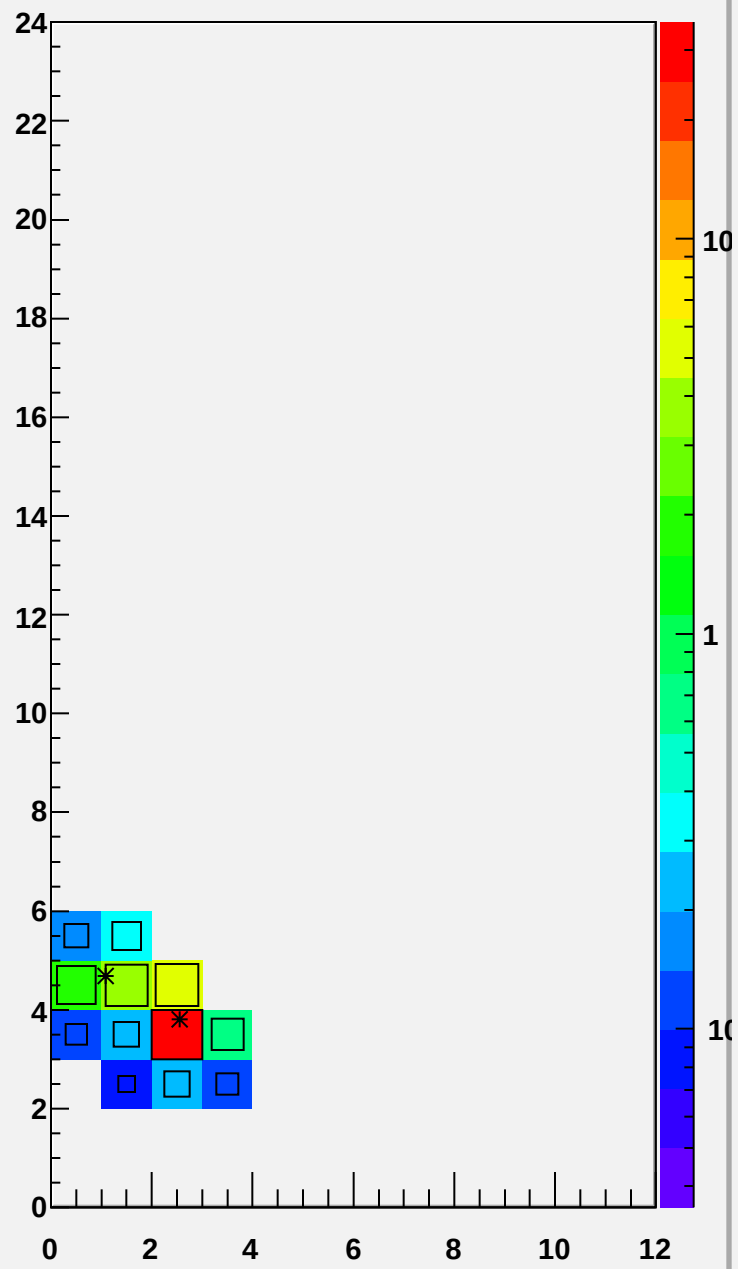
Mean x 3.122

Mean y 3.672

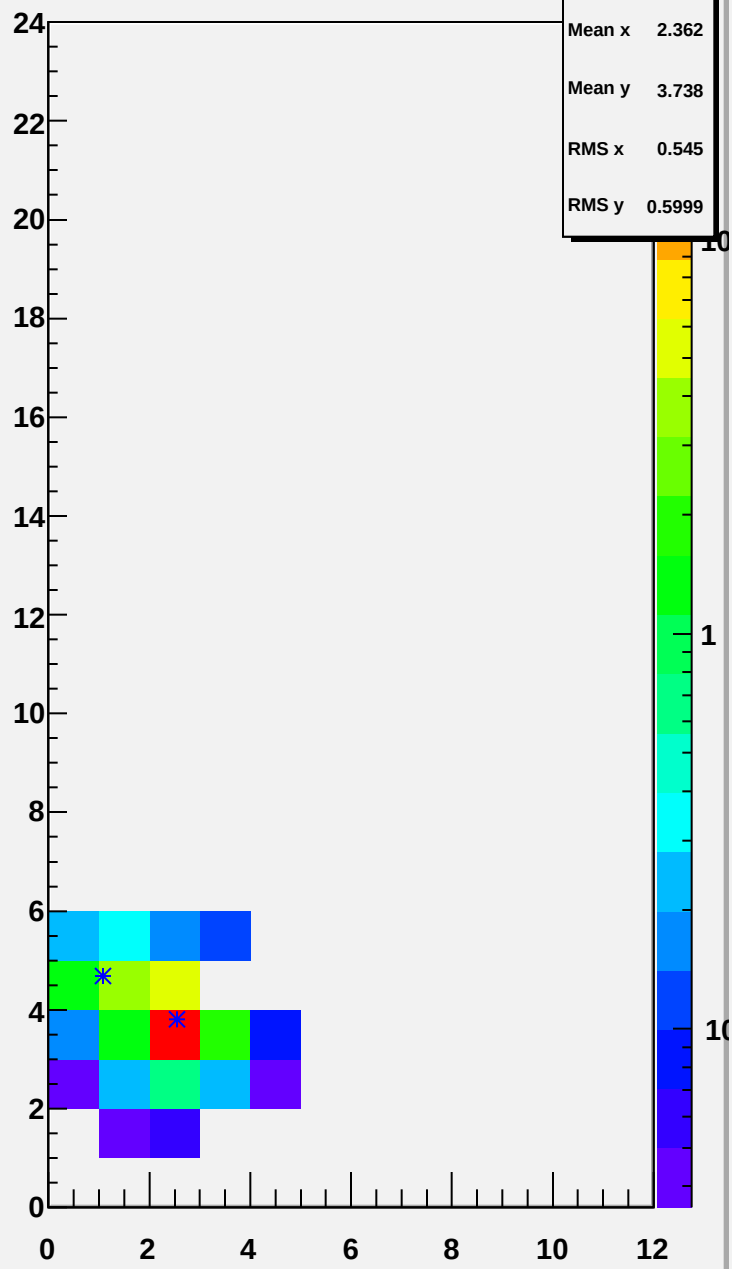
RMS x 1.595

RMS y 3.571

NSTB3_r4_c3_En=49.3_m0=0.144 m1=0.143 index=1955



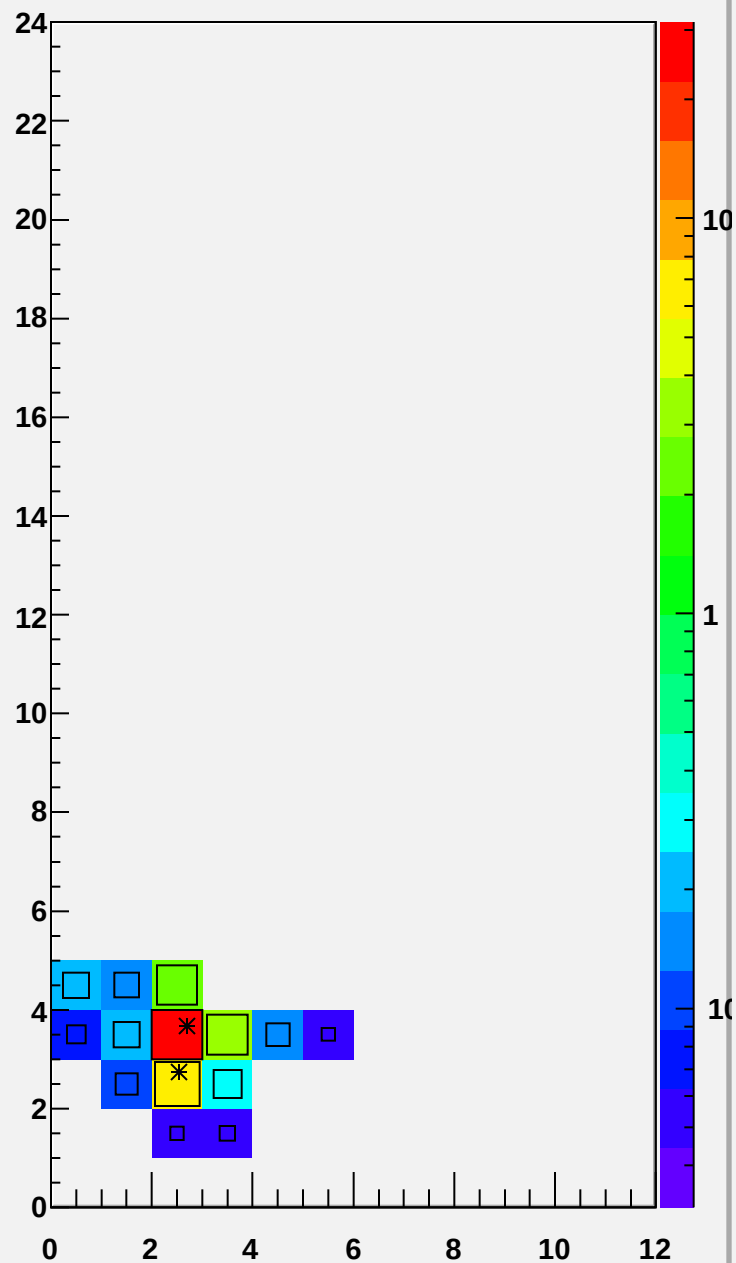
Fitted Energies



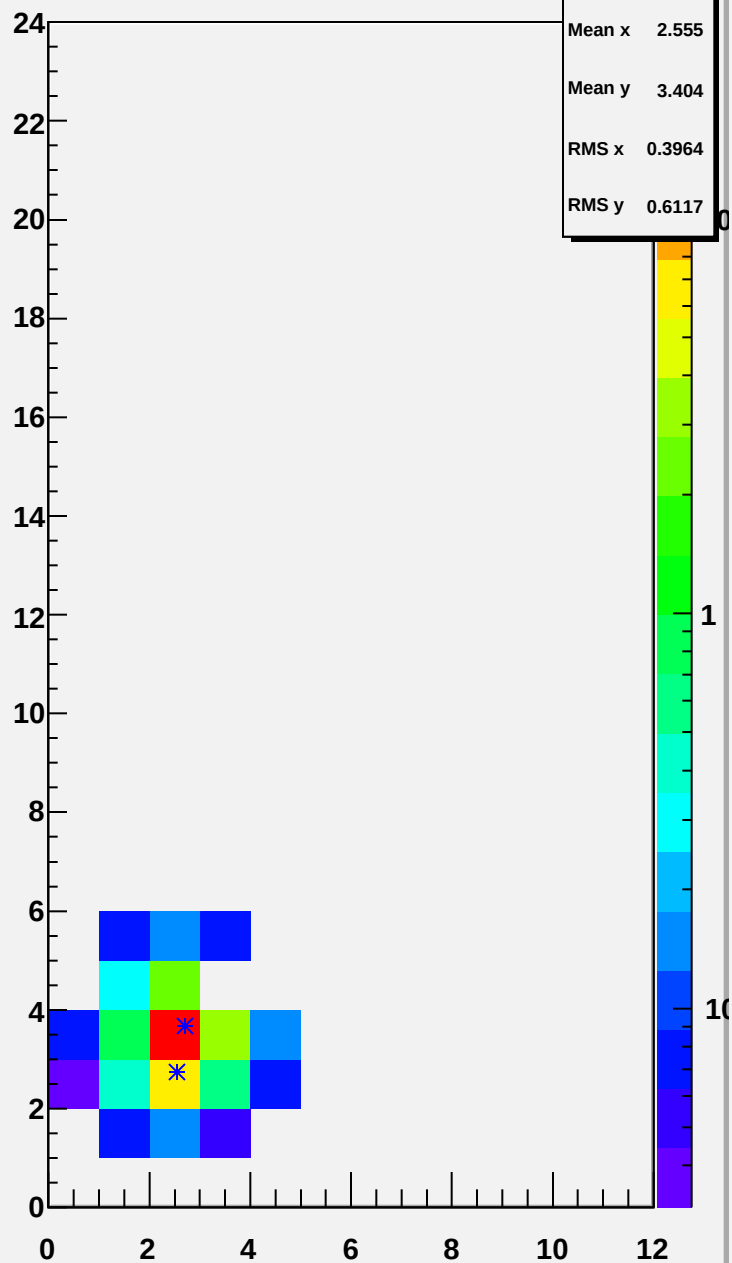
Efit

Entries	288
Mean x	2.362
Mean y	3.738
RMS x	0.545
RMS y	0.5999

NSTB3_r4_c3_En=45.2_m0=0.089 m1=0.090 index=1958



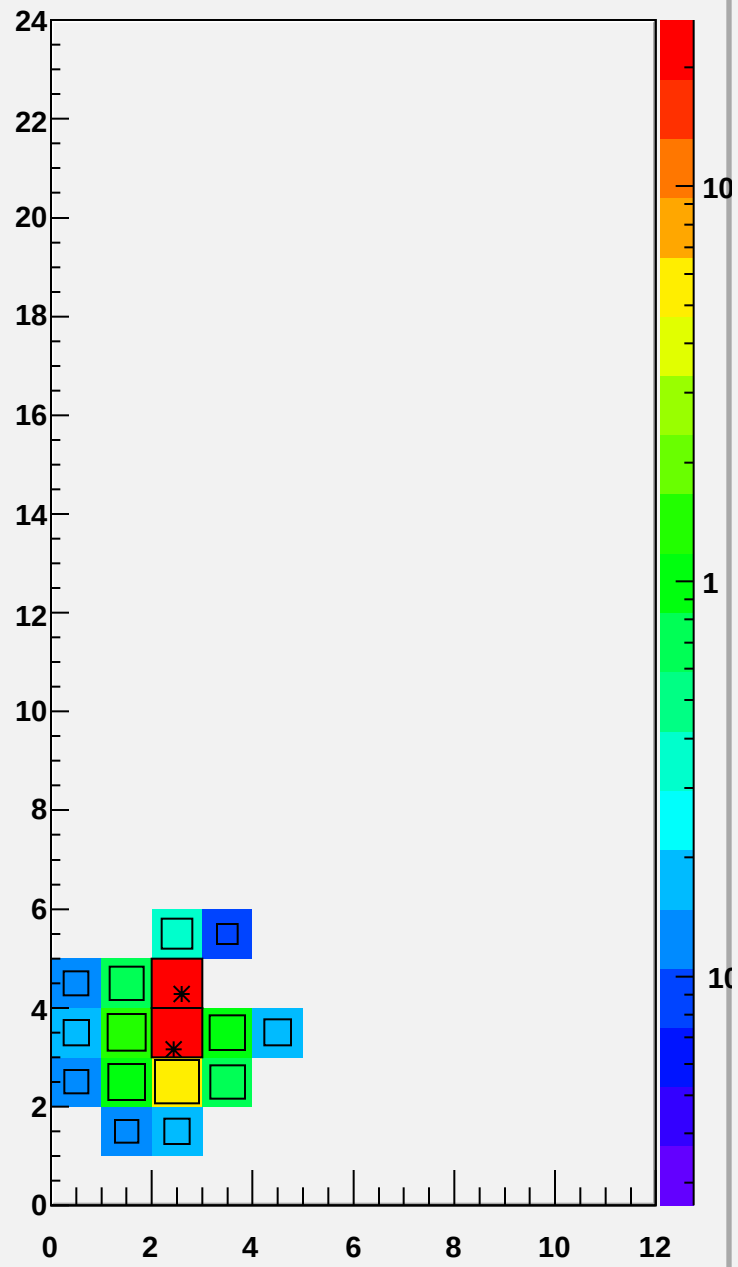
Fitted Energies



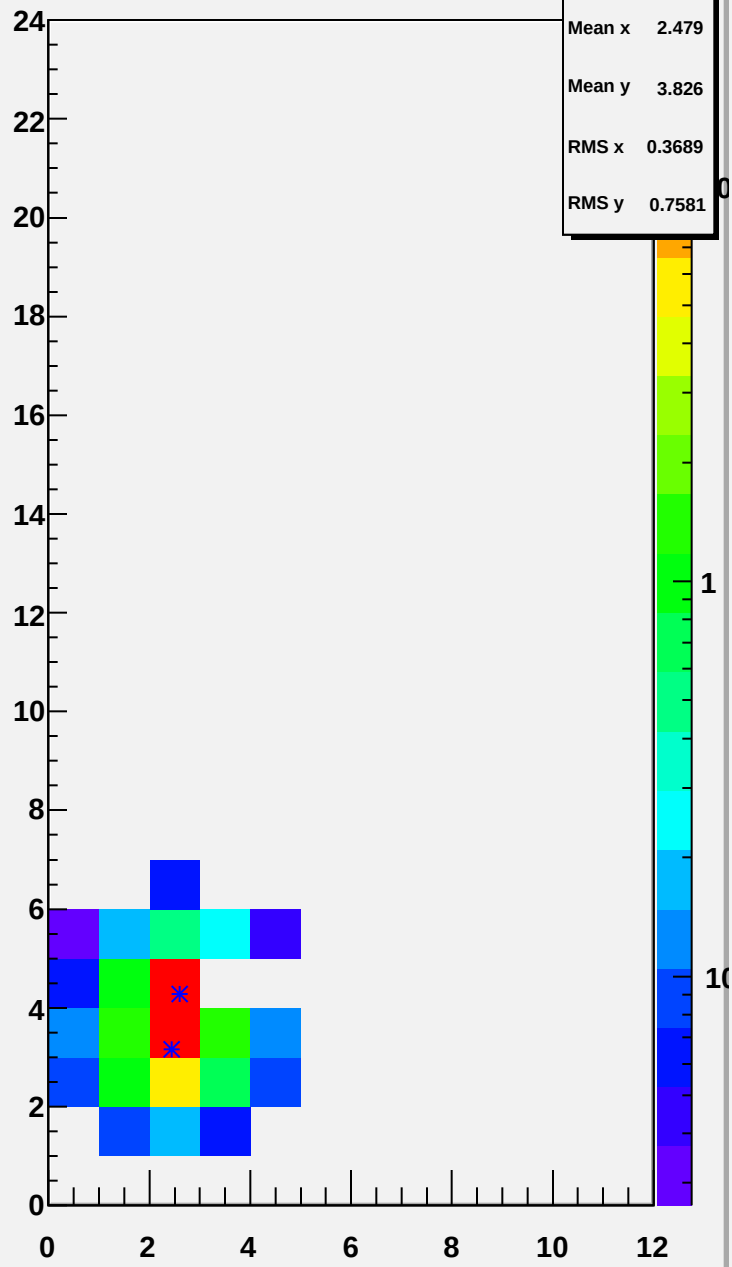
Efit

Entries	288
Mean x	2.555
Mean y	3.404
RMS x	0.3964
RMS y	0.6117

NSTB3_r4_c3_En=62.0_m0=0.199 m1=0.199 index=1960



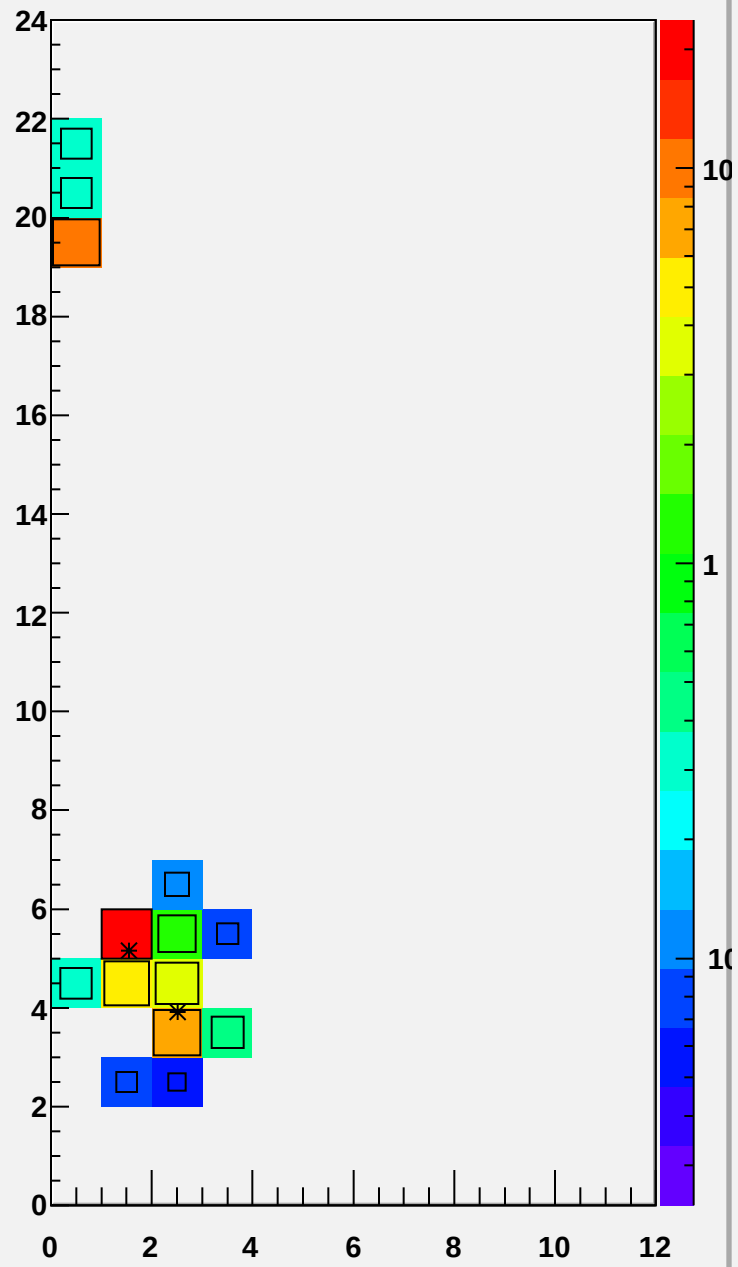
Fitted Energies



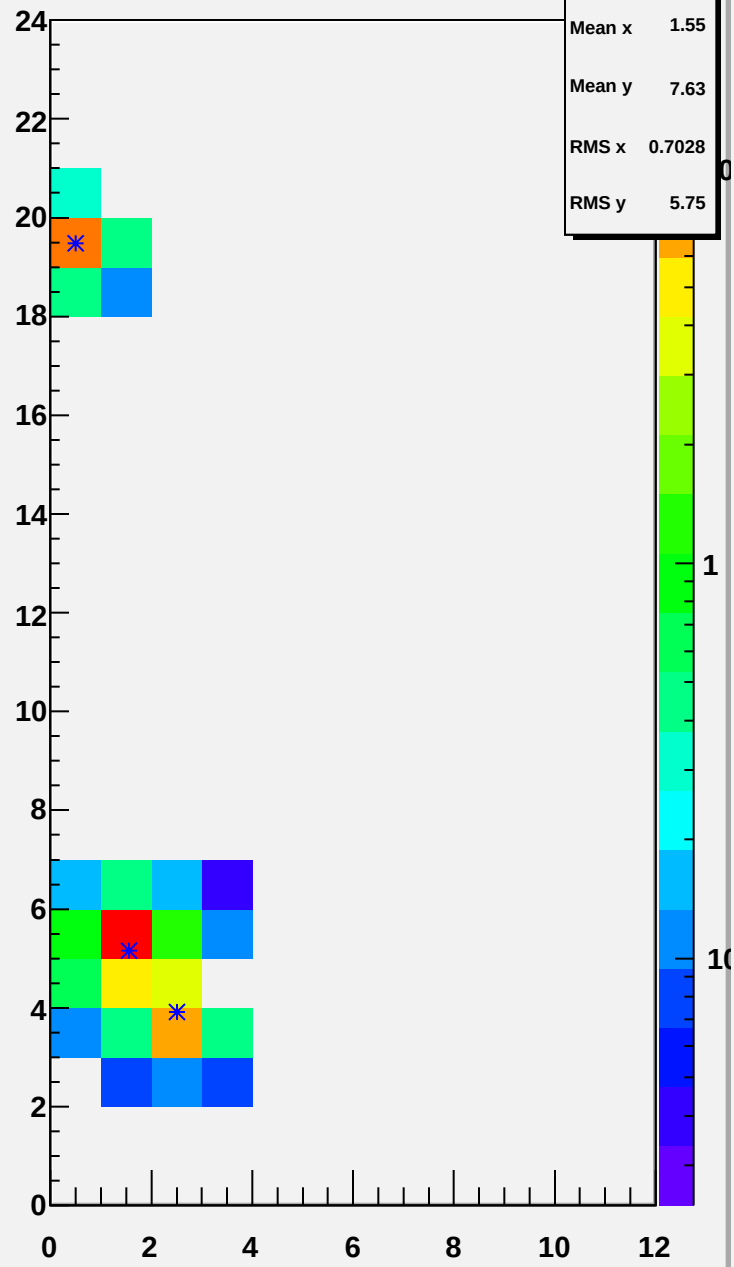
Efit

Entries	288
Mean x	2.479
Mean y	3.826
RMS x	0.3689
RMS y	0.7581

NSTB3_r4_c3_En=52.9_m0=0.179 m1=0.179 index=1961



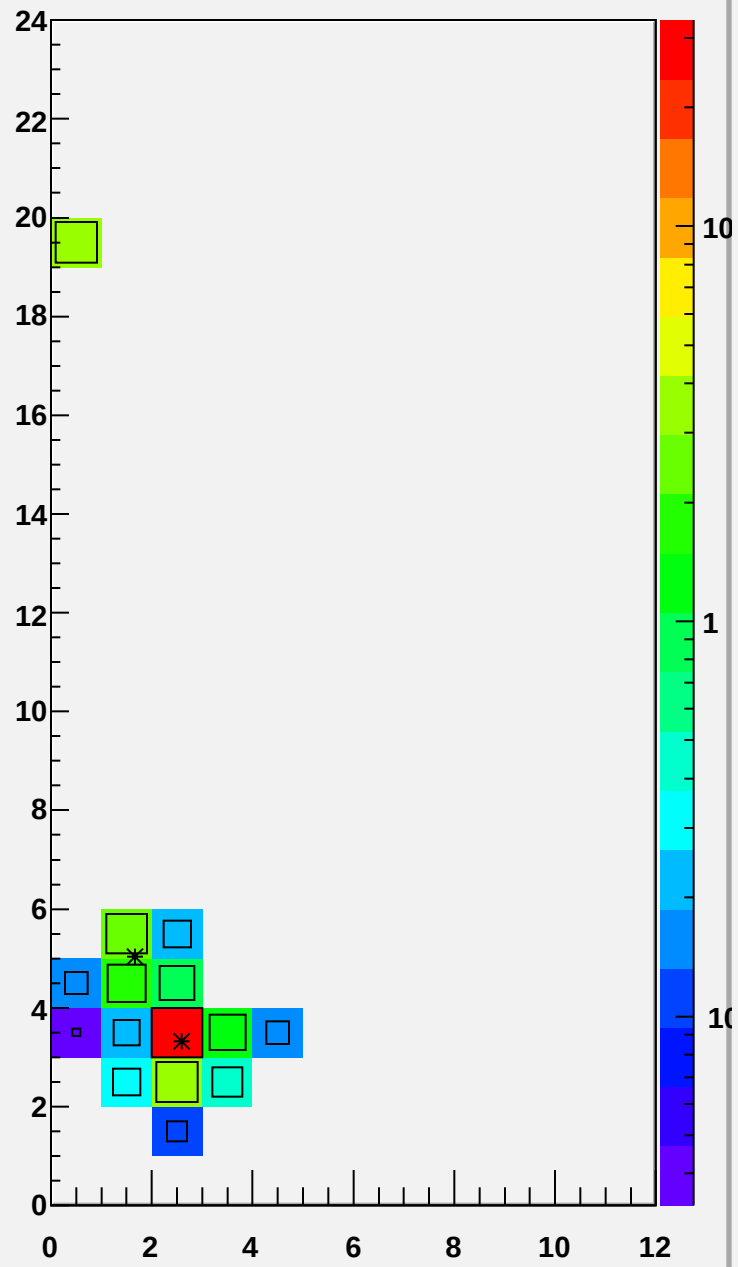
Fitted Energies



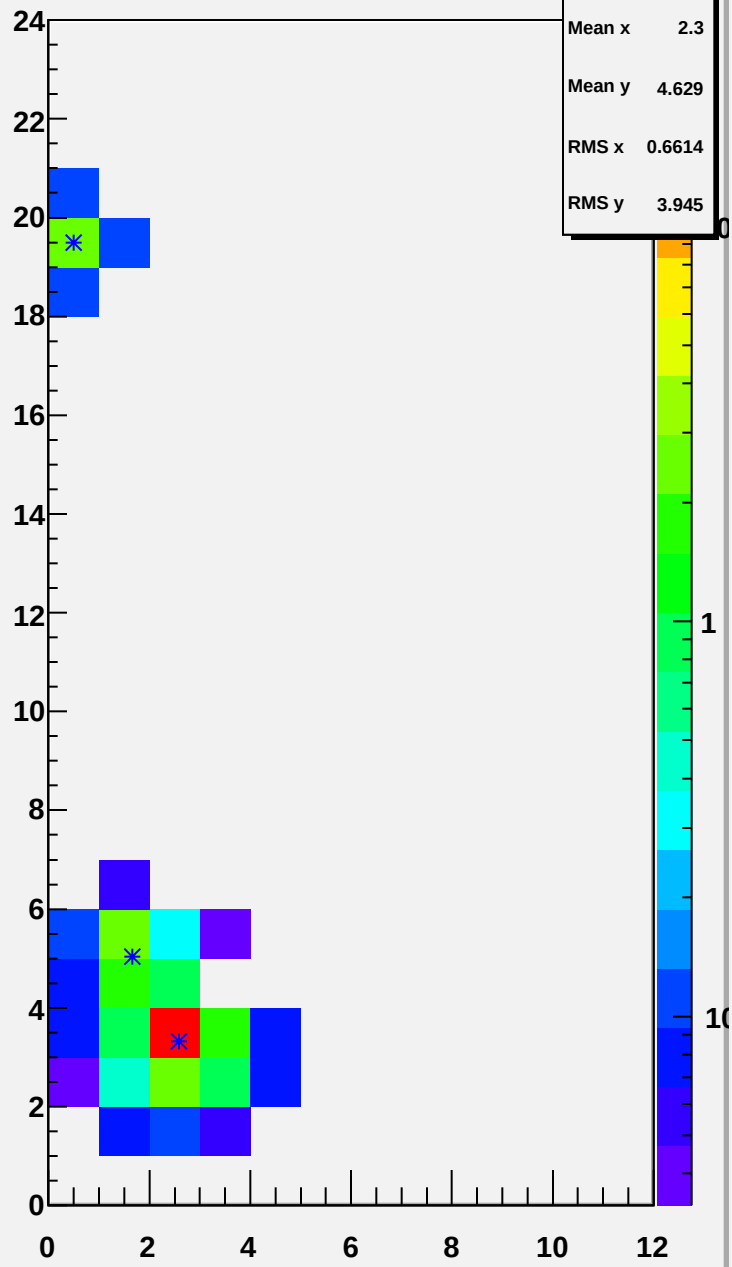
Efit

Entries	288
Mean x	1.55
Mean y	7.63
RMS x	0.7028
RMS y	5.75

NSTB3_r4_c3_En=47.8_m0=0.160 m1=0.160 index=1964



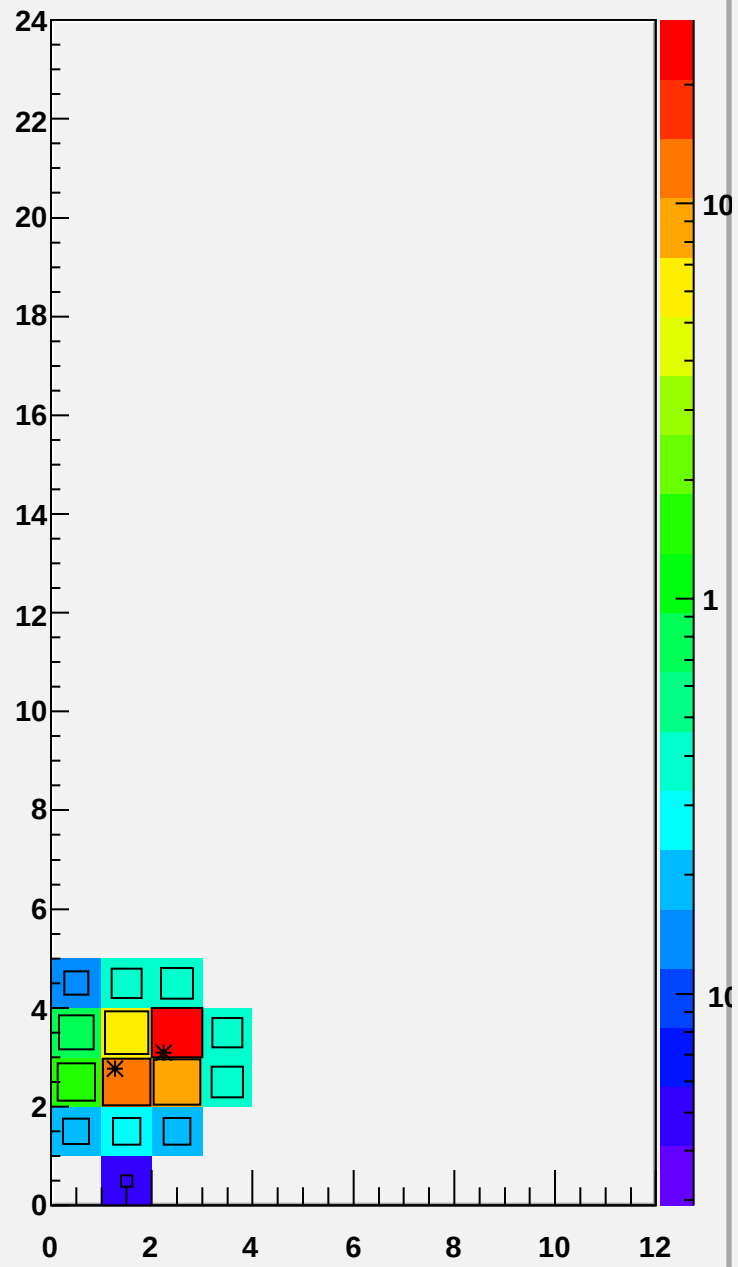
Fitted Energies



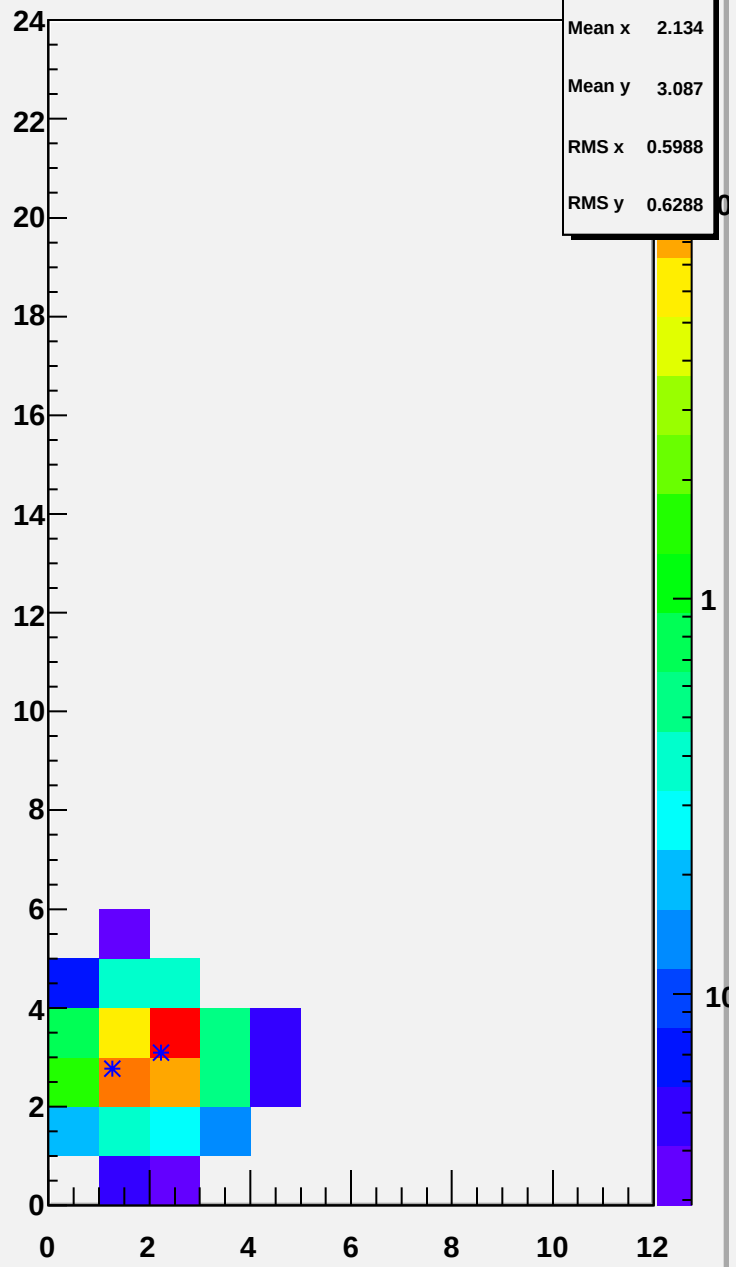
Efit

Entries	288
Mean x	2.3
Mean y	4.629
RMS x	0.6614
RMS y	3.945

NSTB3_r4_c3_En=62.5_m0=0.149 m1=0.148 index=1965



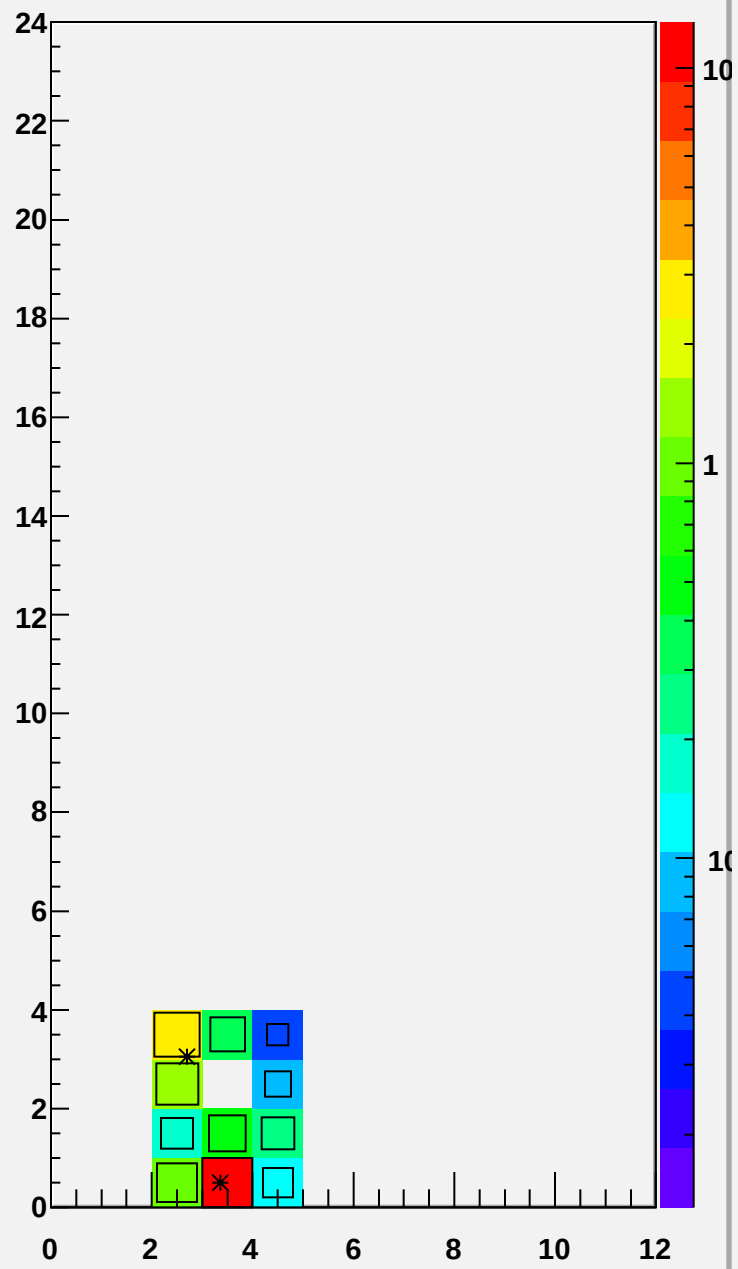
Fitted Energies



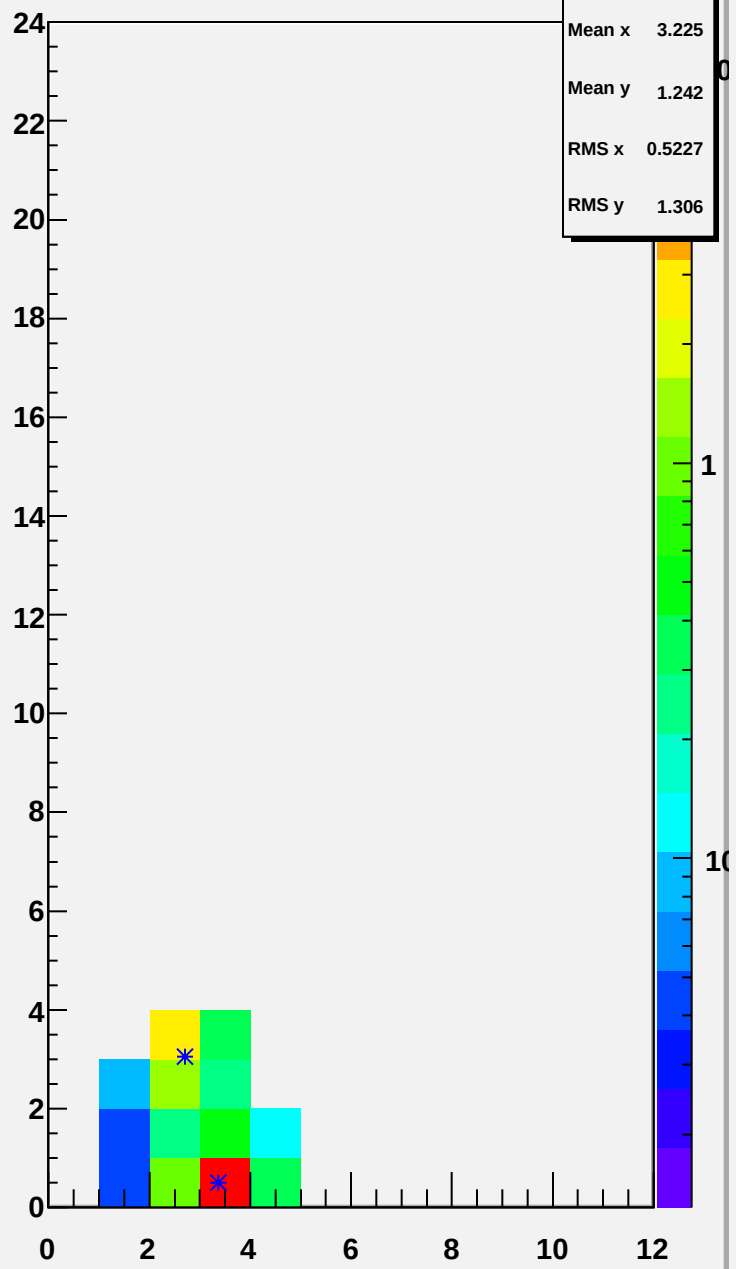
Efit

Entries	288
Mean x	2.134
Mean y	3.087
RMS x	0.5988
RMS y	0.6288

NSTB3_r4_c3_En=20.2_m0=0.137 m1=0.137 index=1966



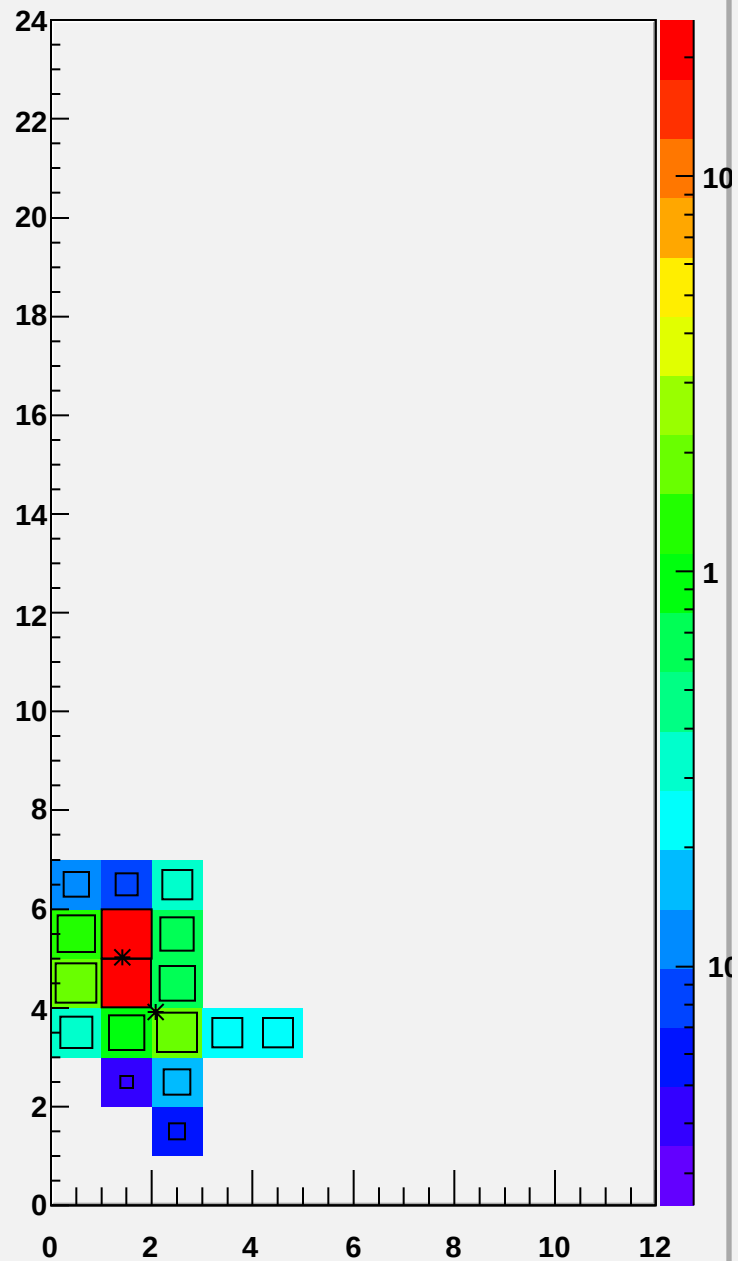
Fitted Energies



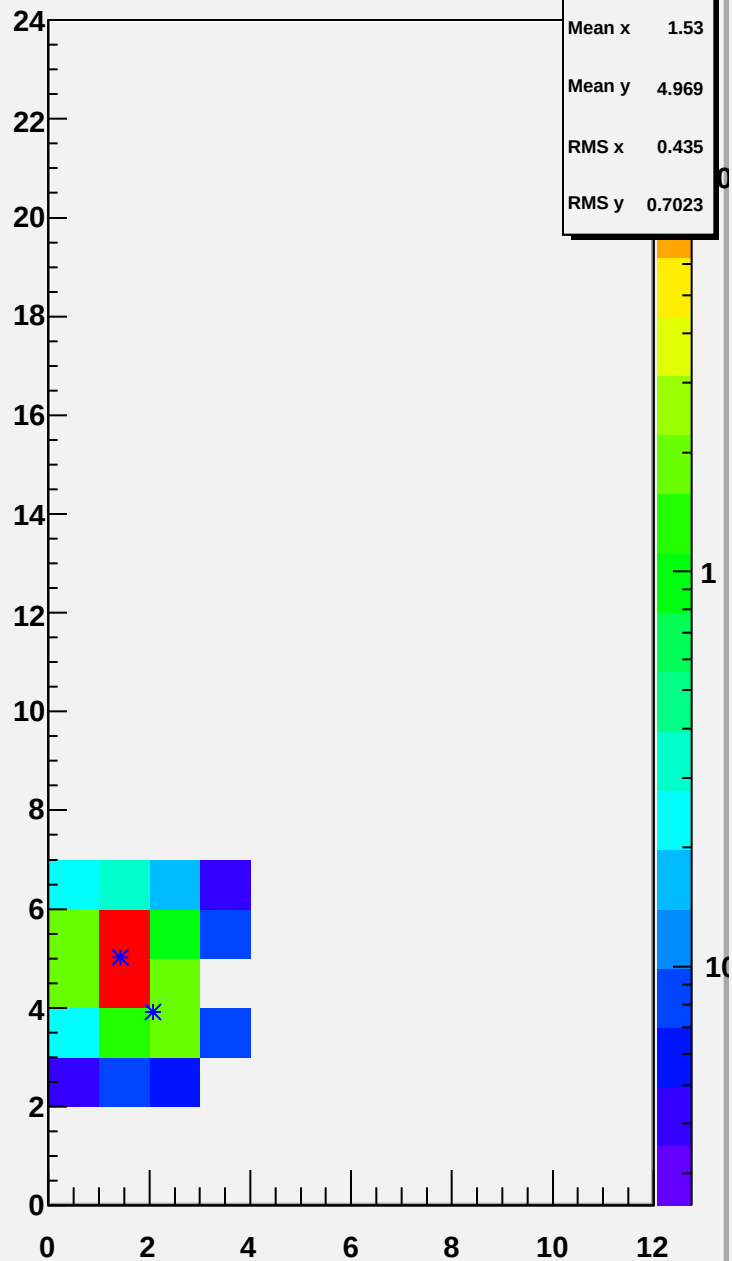
Efit

Entries	288
Mean x	3.225
Mean y	1.242
RMS x	0.5227
RMS y	1.306

NSTB3_r4_c3_En=52.7_m0=0.104 m1=0.104 index=1967



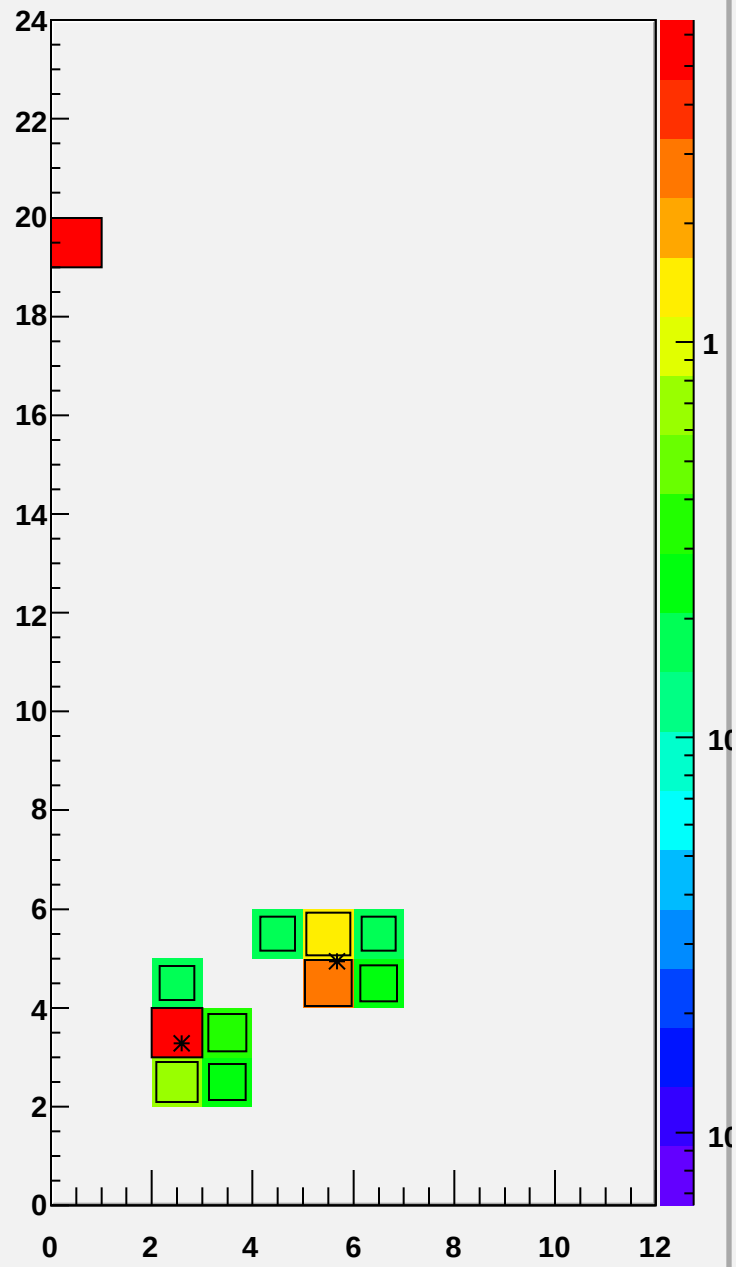
Fitted Energies



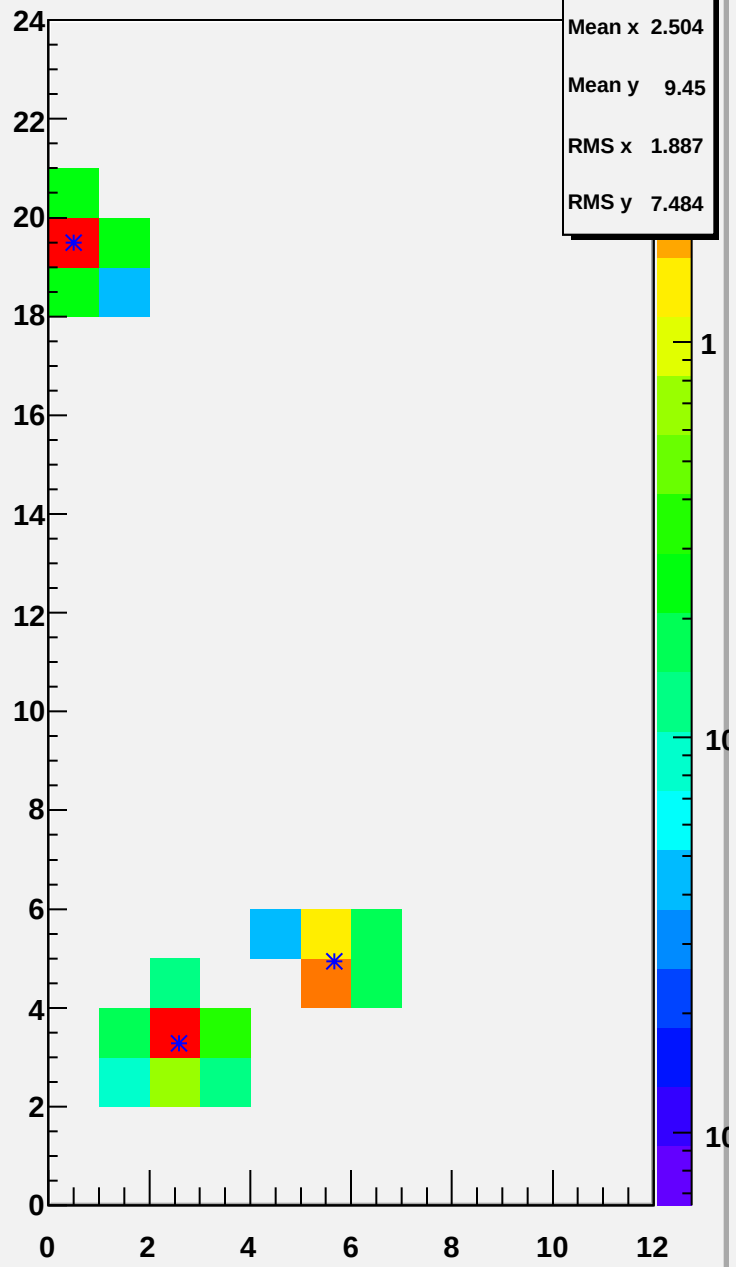
Efit

Entries	288
Mean x	1.53
Mean y	4.969
RMS x	0.435
RMS y	0.7023

NSTB3_r4_c3_En=18.5_m0=0.114 m1=0.114 index=1969



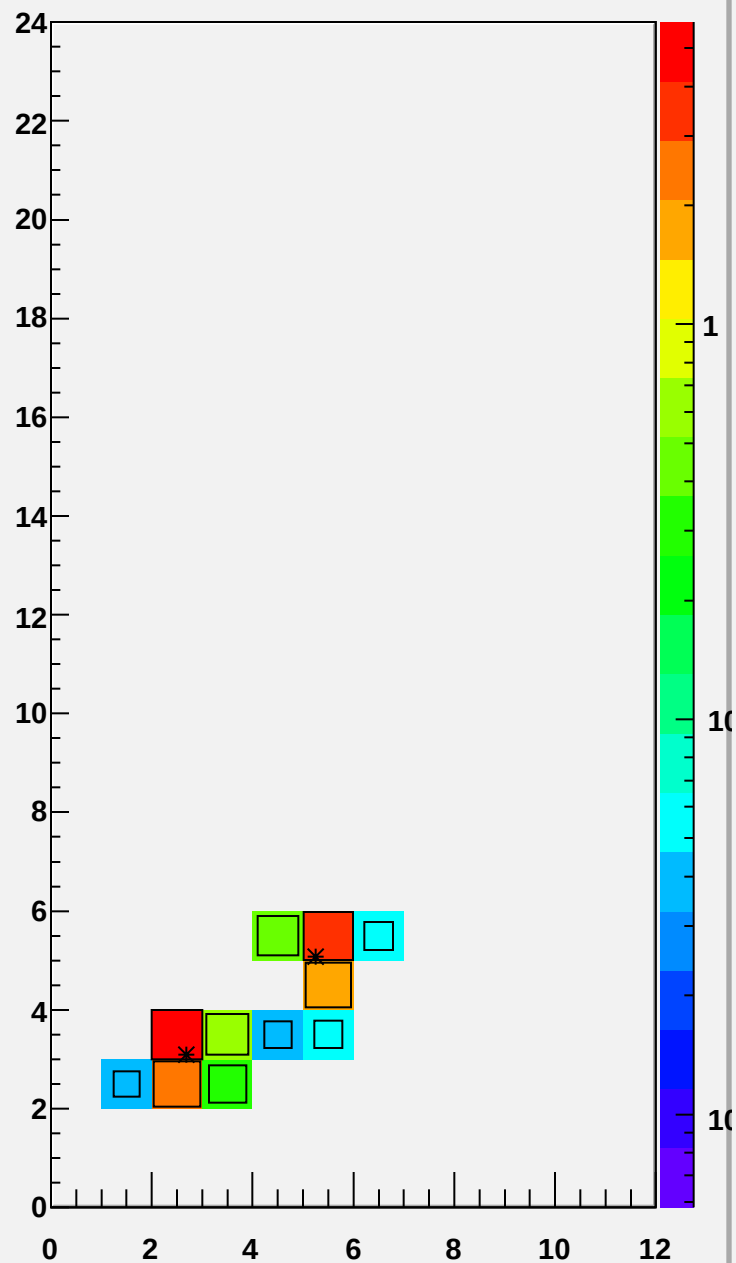
Fitted Energies



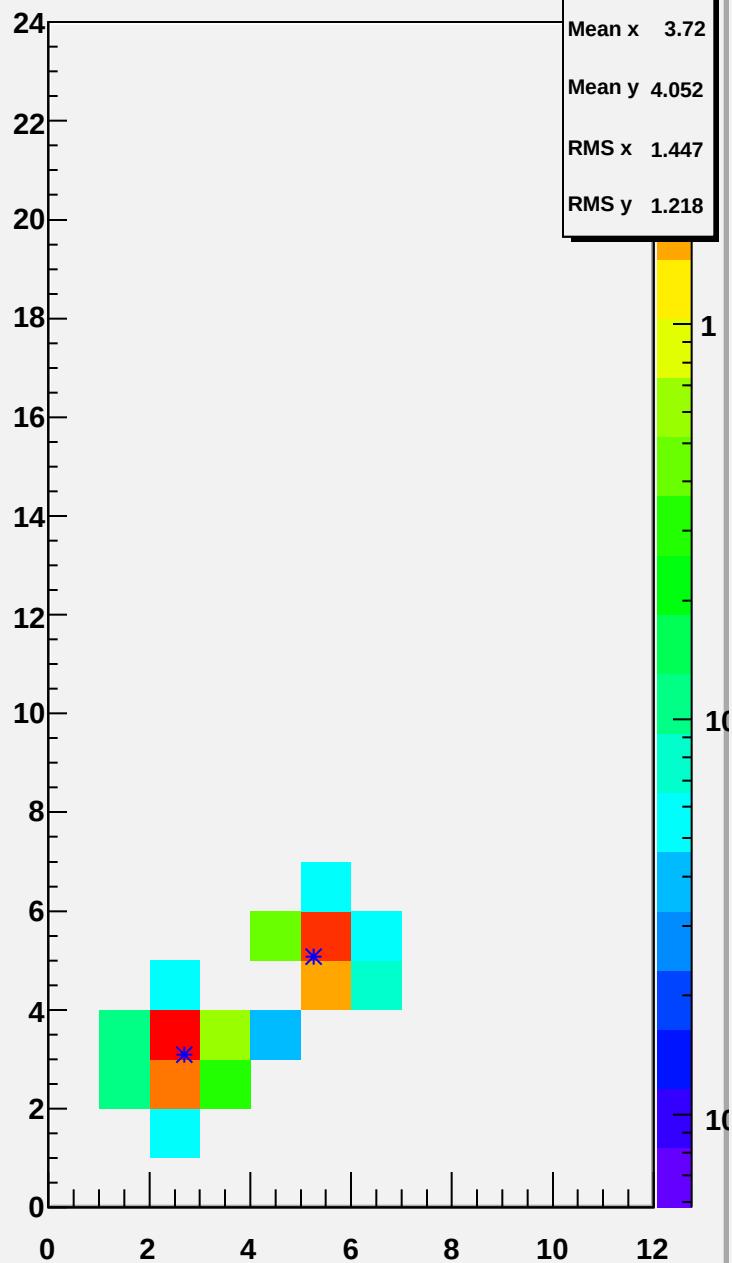
Efit

Entries 288
Mean x 2.504
Mean y 9.45
RMS x 1.887
RMS y 7.484

NSTB3_r4_c3_En=15.2_m0=0.143 m1=0.143 index=1970



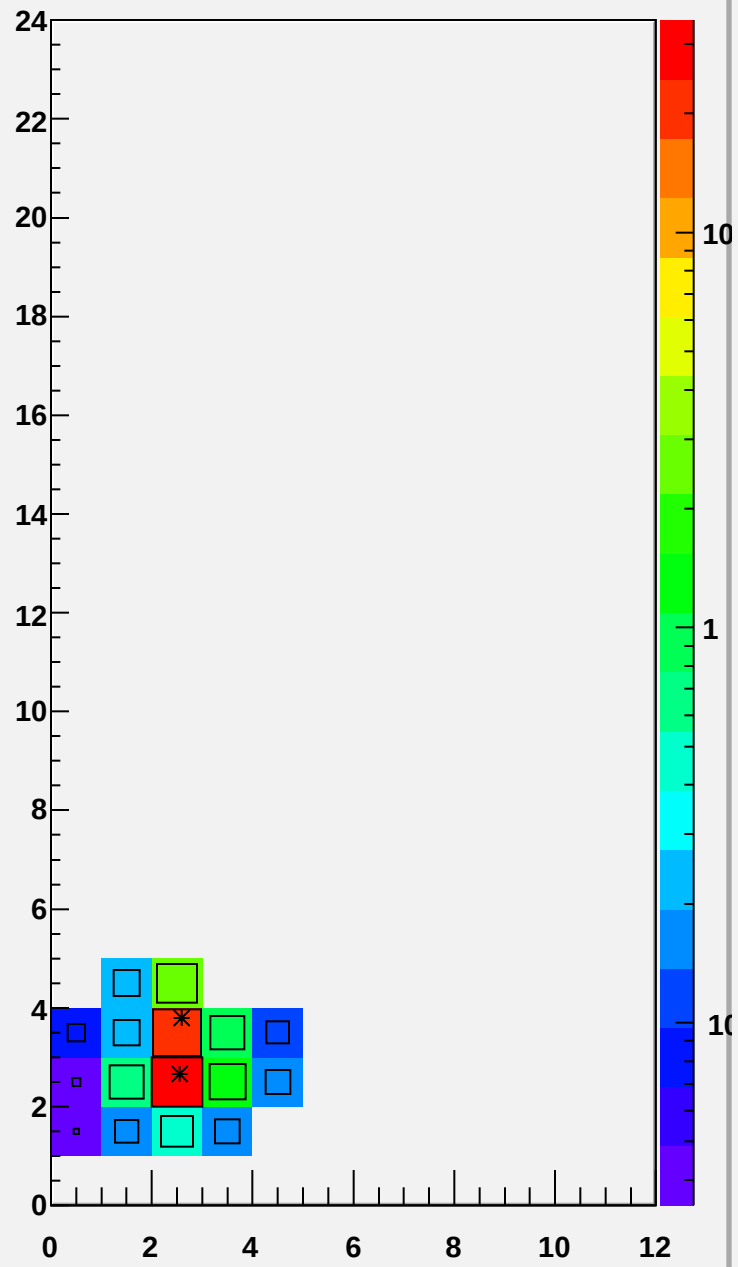
Fitted Energies



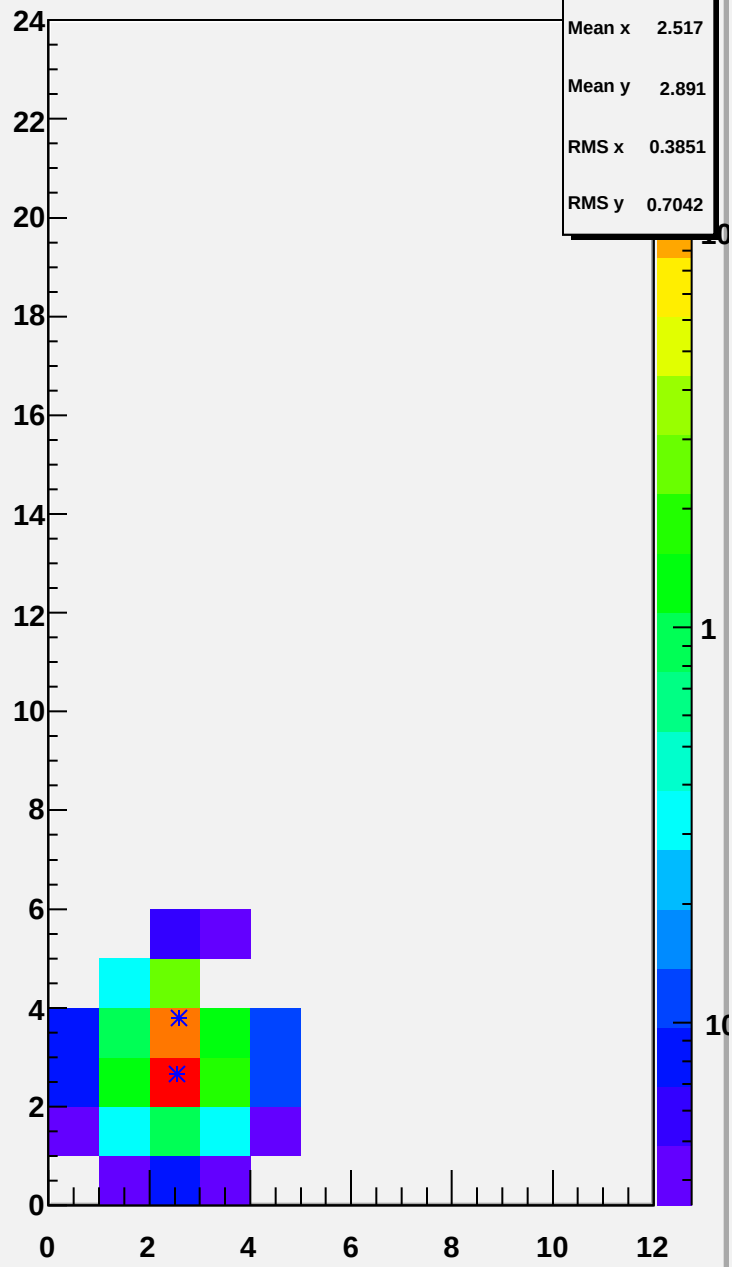
Efit

Entries 288
Mean x 3.72
Mean y 4.052
RMS x 1.447
RMS y 1.218

NSTB3_r4_c3_En=58.9_m0=0.173 m1=0.173 index=1971



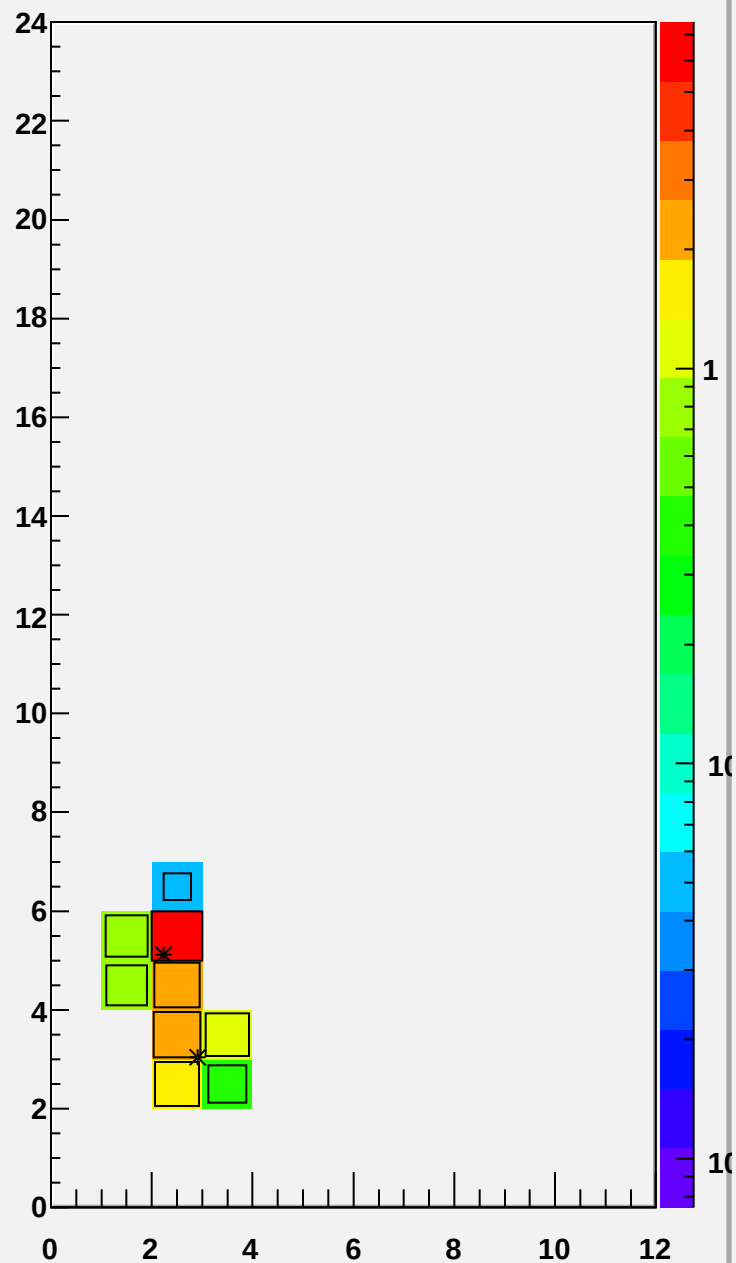
Fitted Energies



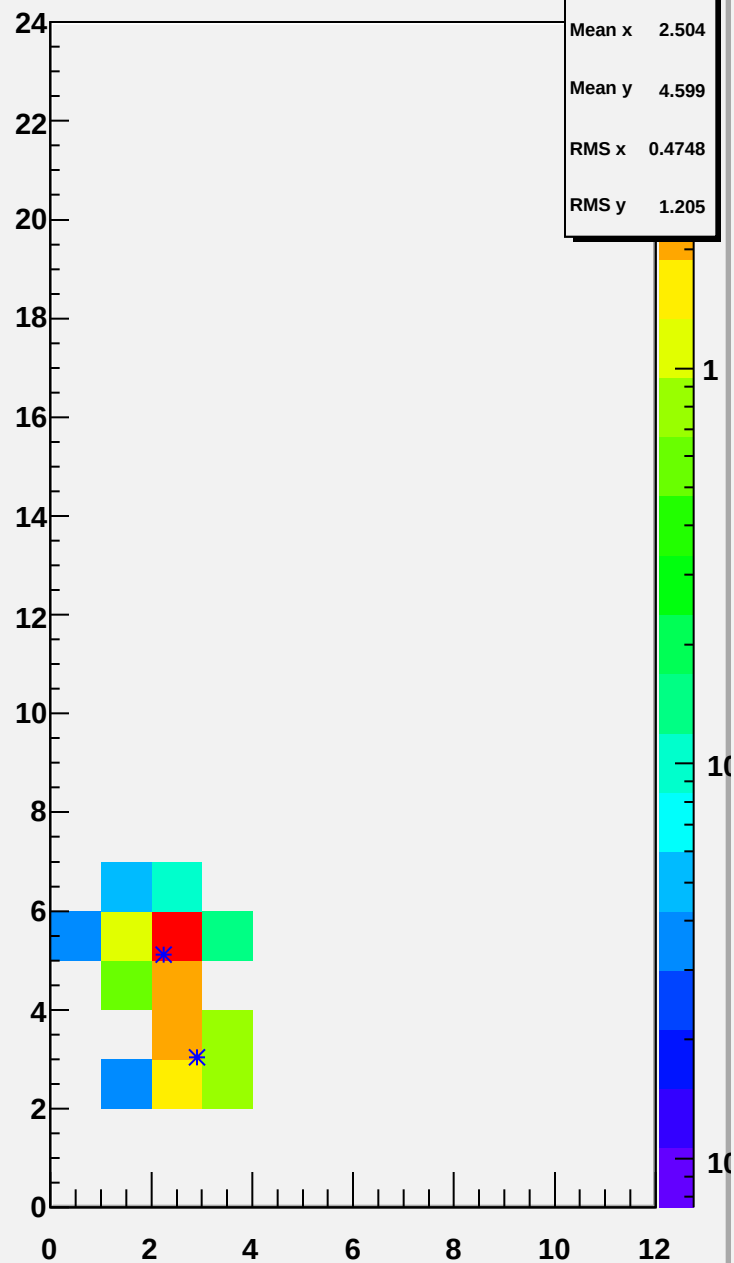
Efit

Entries	288
Mean x	2.517
Mean y	2.891
RMS x	0.3851
RMS y	0.7042

NSTB3_r4_c3_En=17.2_m0=0.101 m1=0.101 index=1972



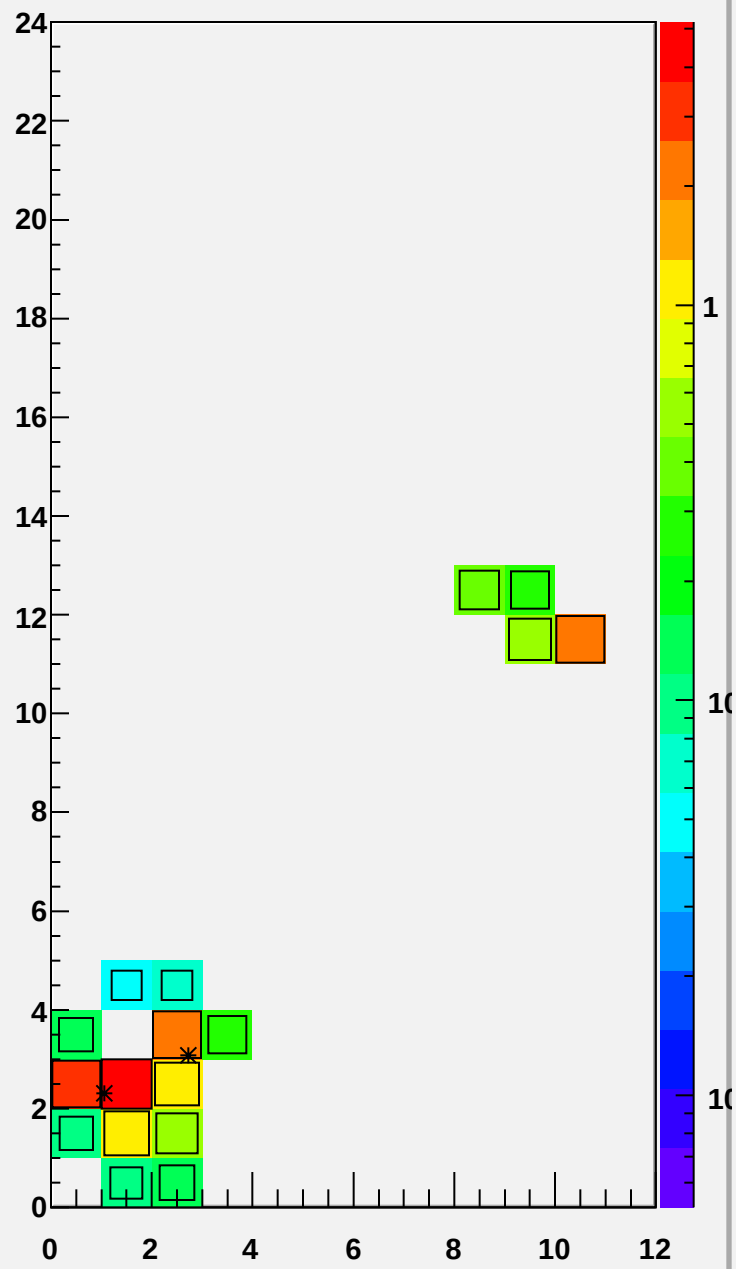
Fitted Energies



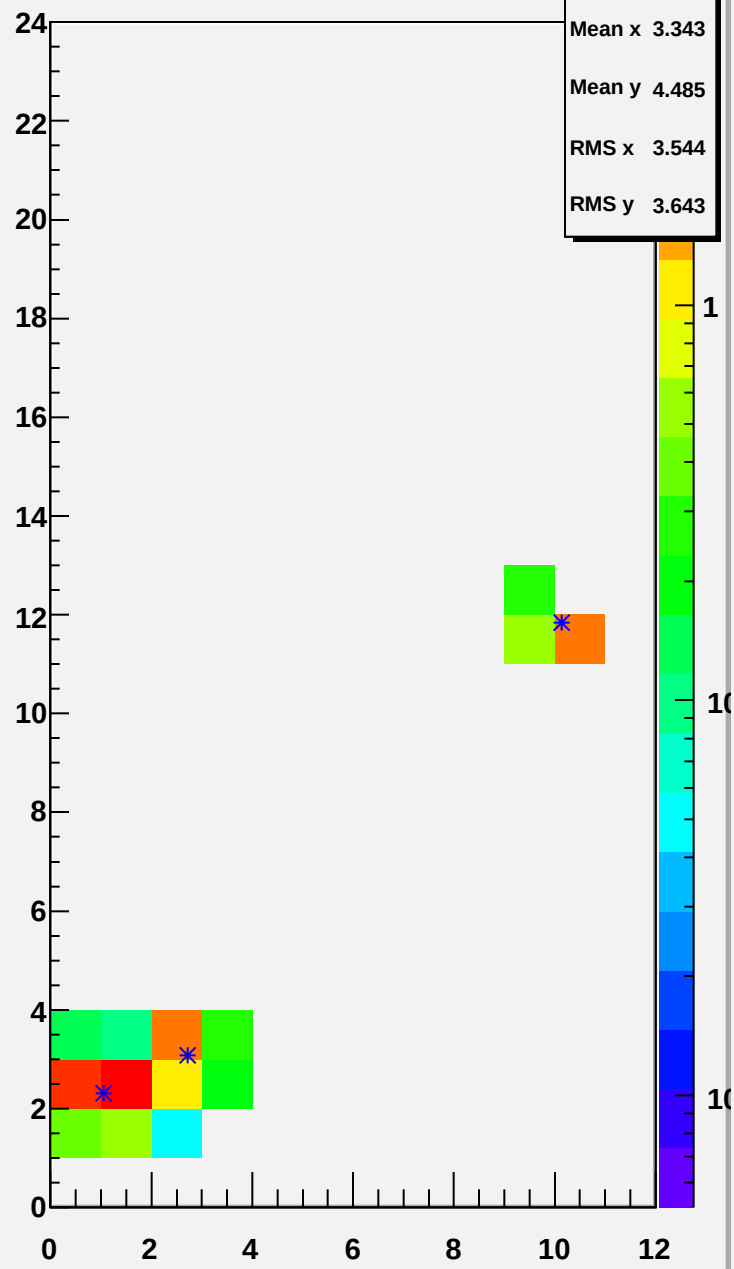
Efit

Entries	288
Mean x	2.504
Mean y	4.599
RMS x	0.4748
RMS y	1.205

NSTB3_r4_c3_En=17.4_m0=0.062 m1=0.062 index=1973



Fitted Energies



Efit

Entries 288

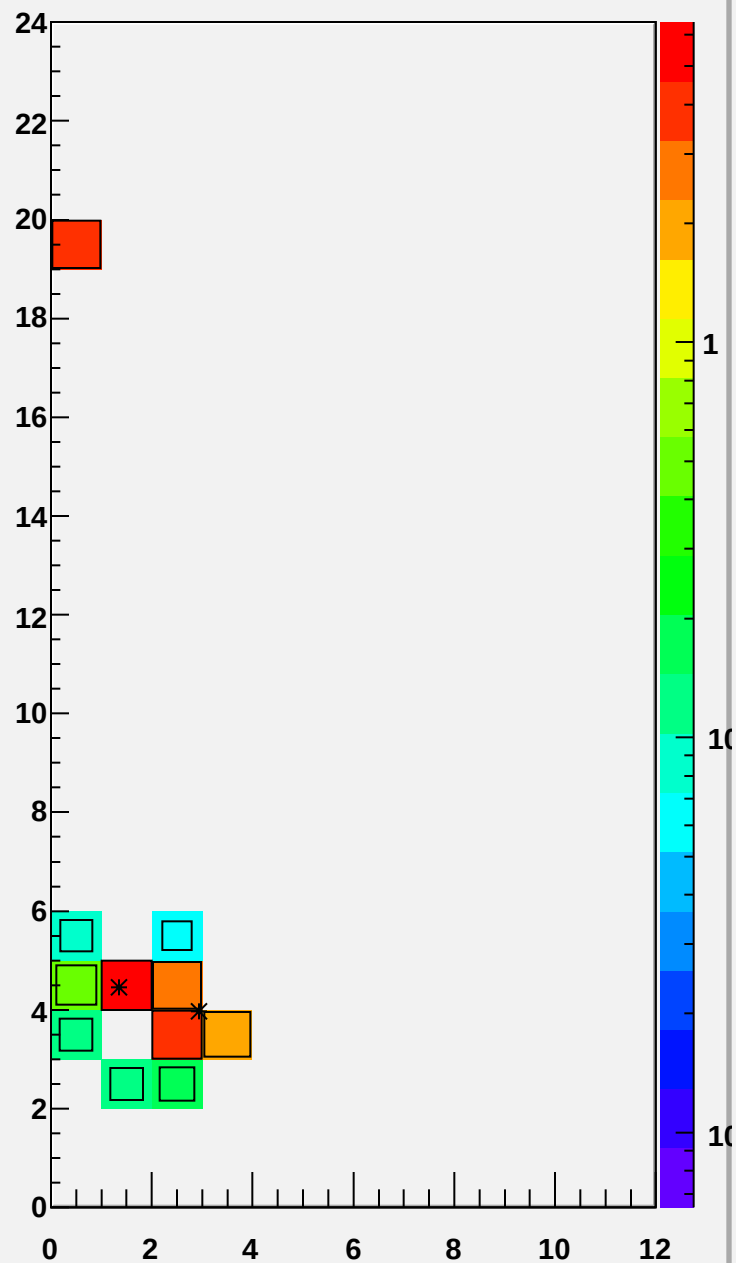
Mean x 3.343

Mean y 4.485

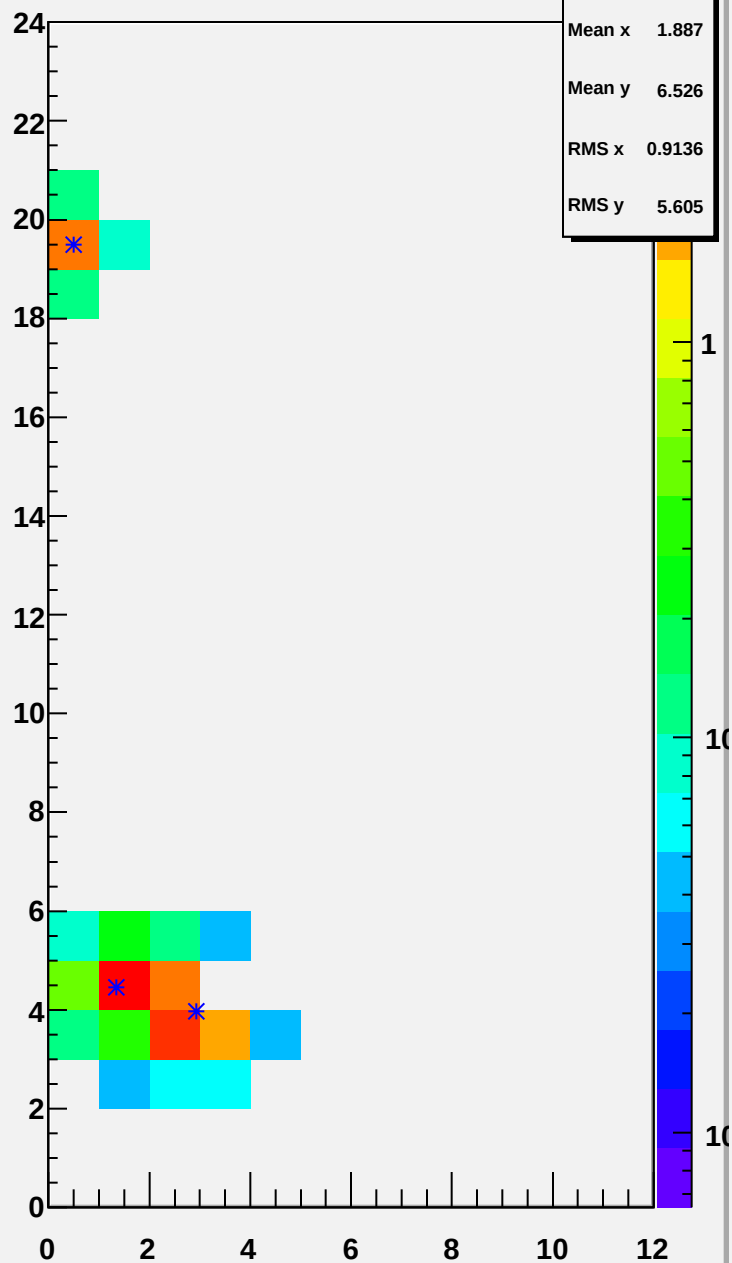
RMS x 3.544

RMS y 3.643

NSTB3_r4_c3_En=20.0_m0=0.086 m1=0.086 index=1975



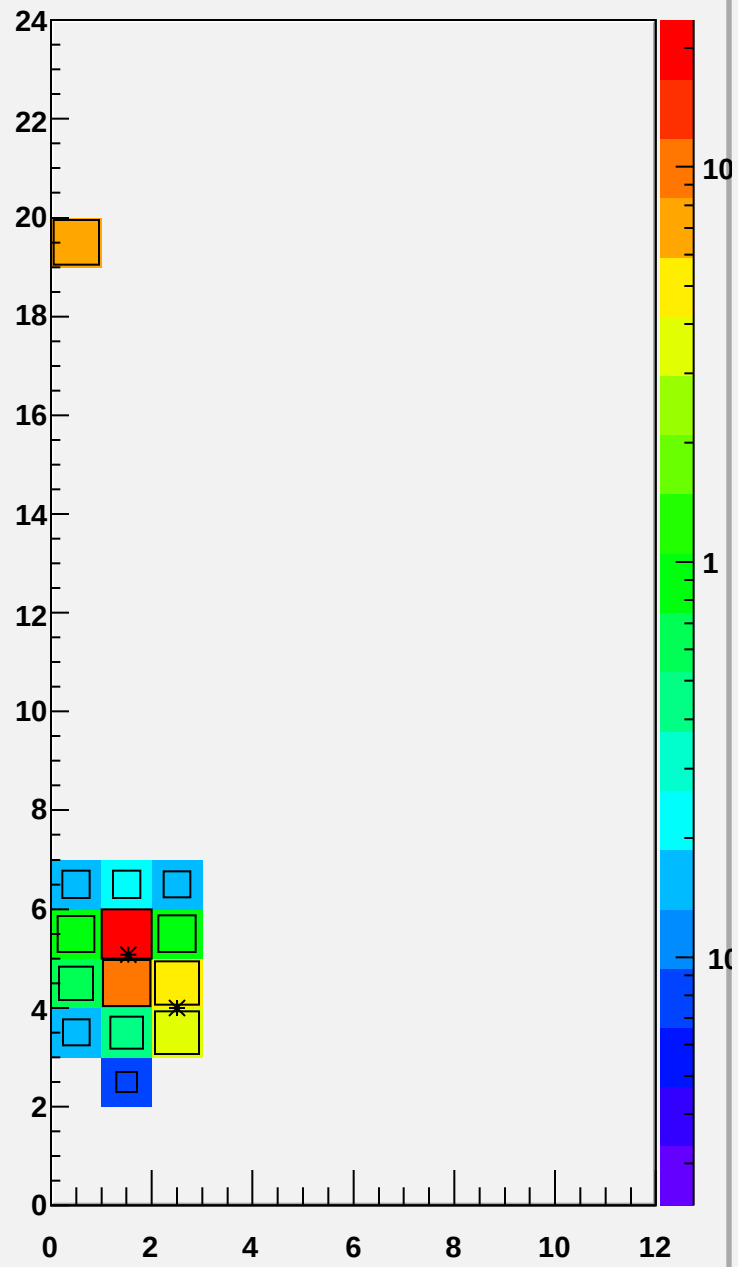
Fitted Energies



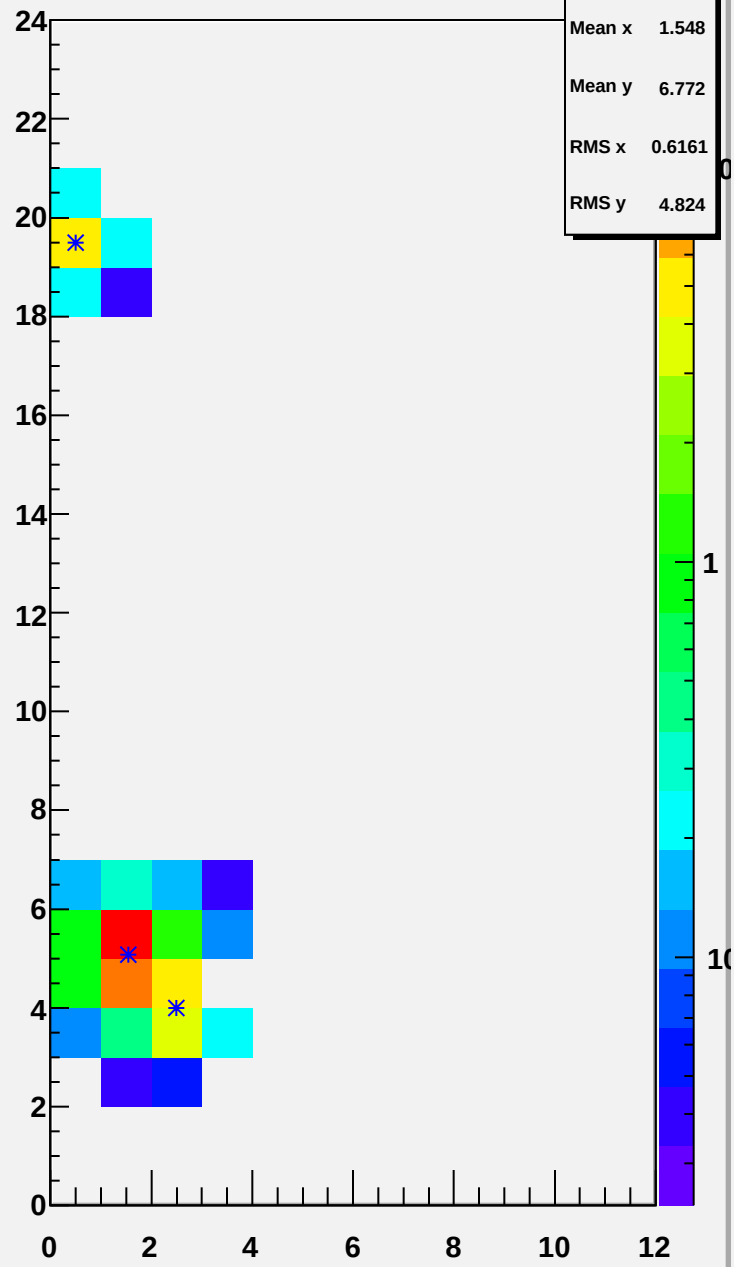
Efit

Entries	288
Mean x	1.887
Mean y	6.526
RMS x	0.9136
RMS y	5.605

NSTB3_r4_c3_En=52.5_m0=0.146 m1=0.146 index=1976



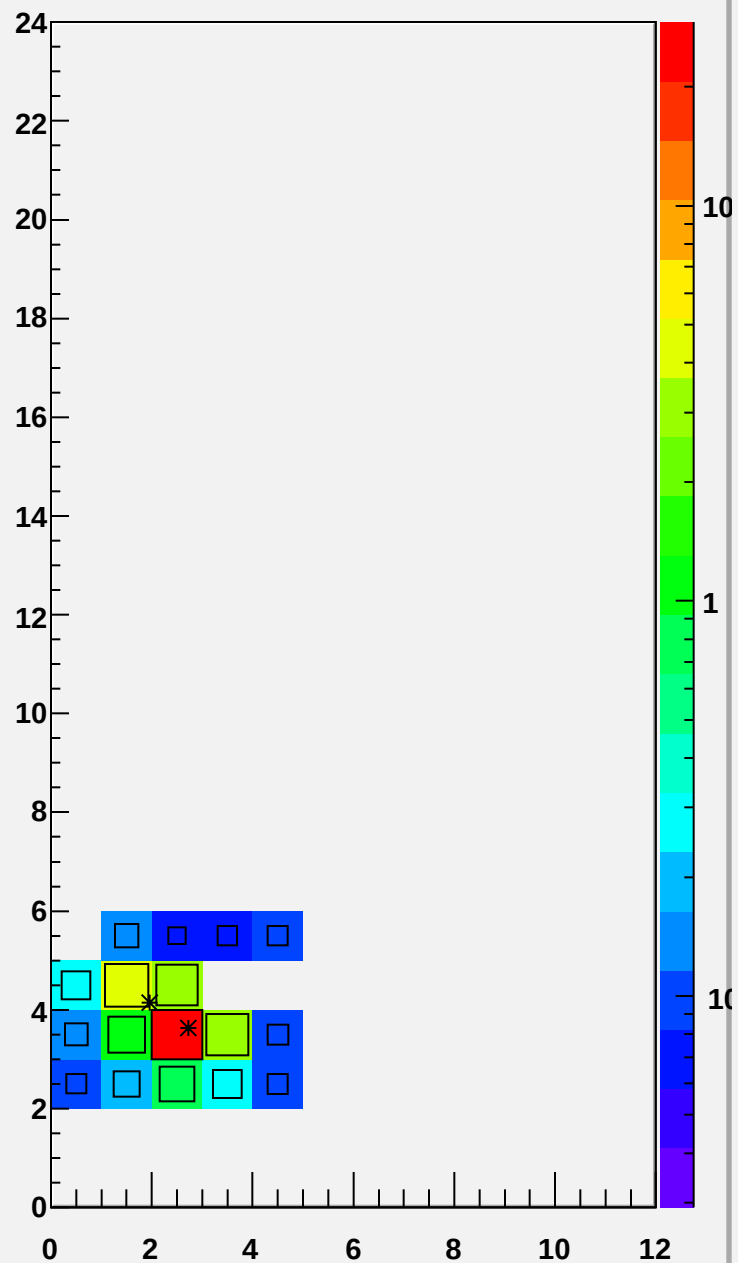
Fitted Energies



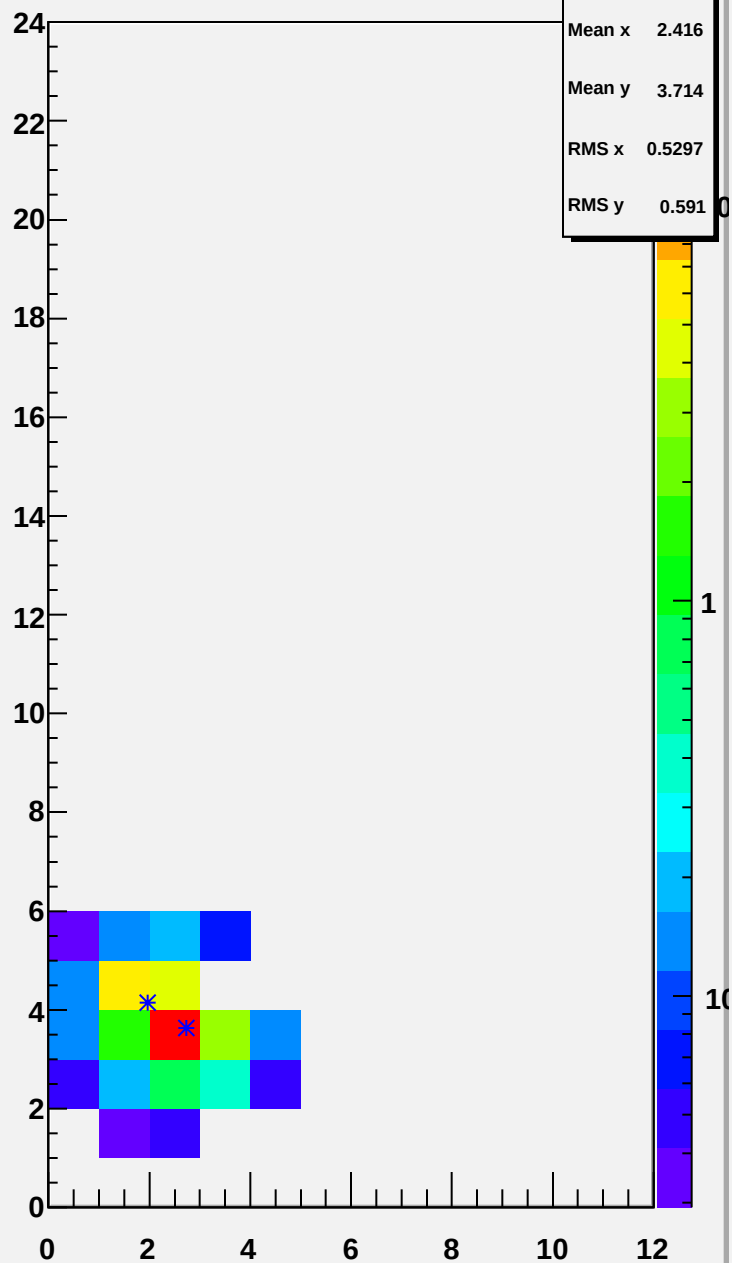
Efit

Entries	288
Mean x	1.548
Mean y	6.772
RMS x	0.6161
RMS y	4.824

NSTB3_r4_c3_En=44.4_m0=0.102 m1=0.102 index=1977



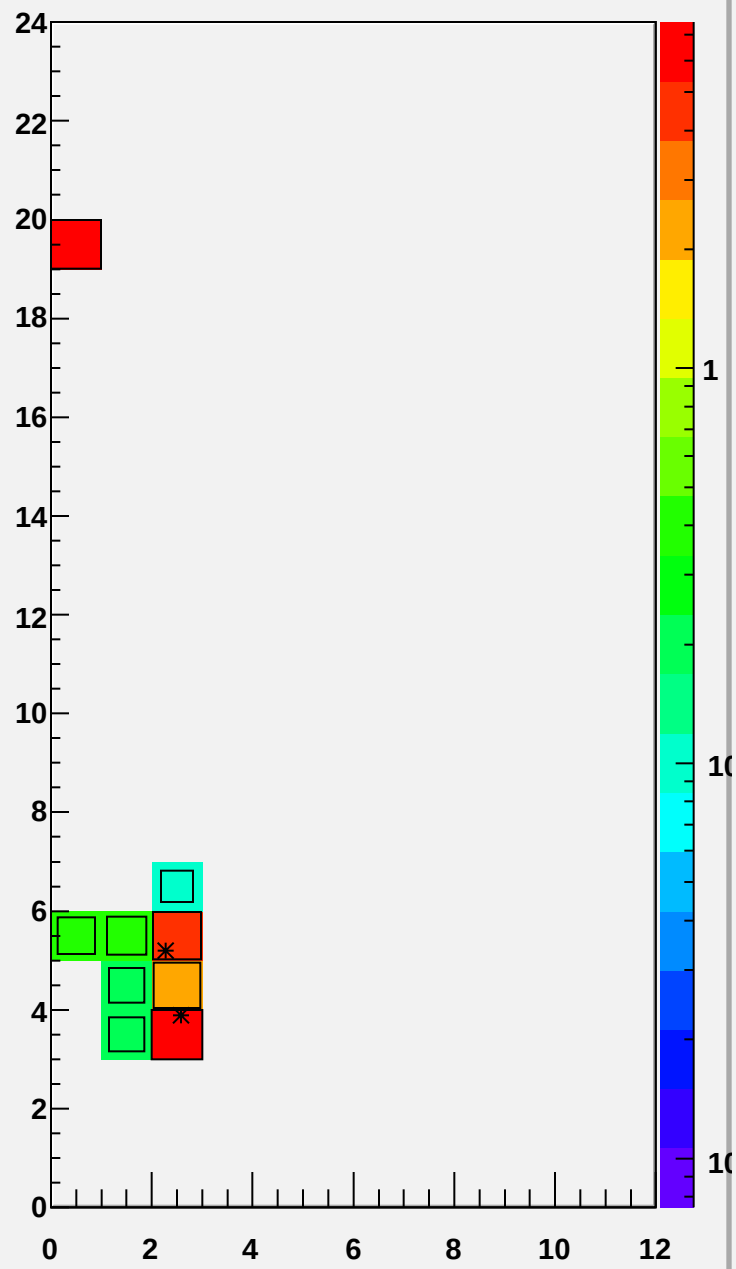
Fitted Energies



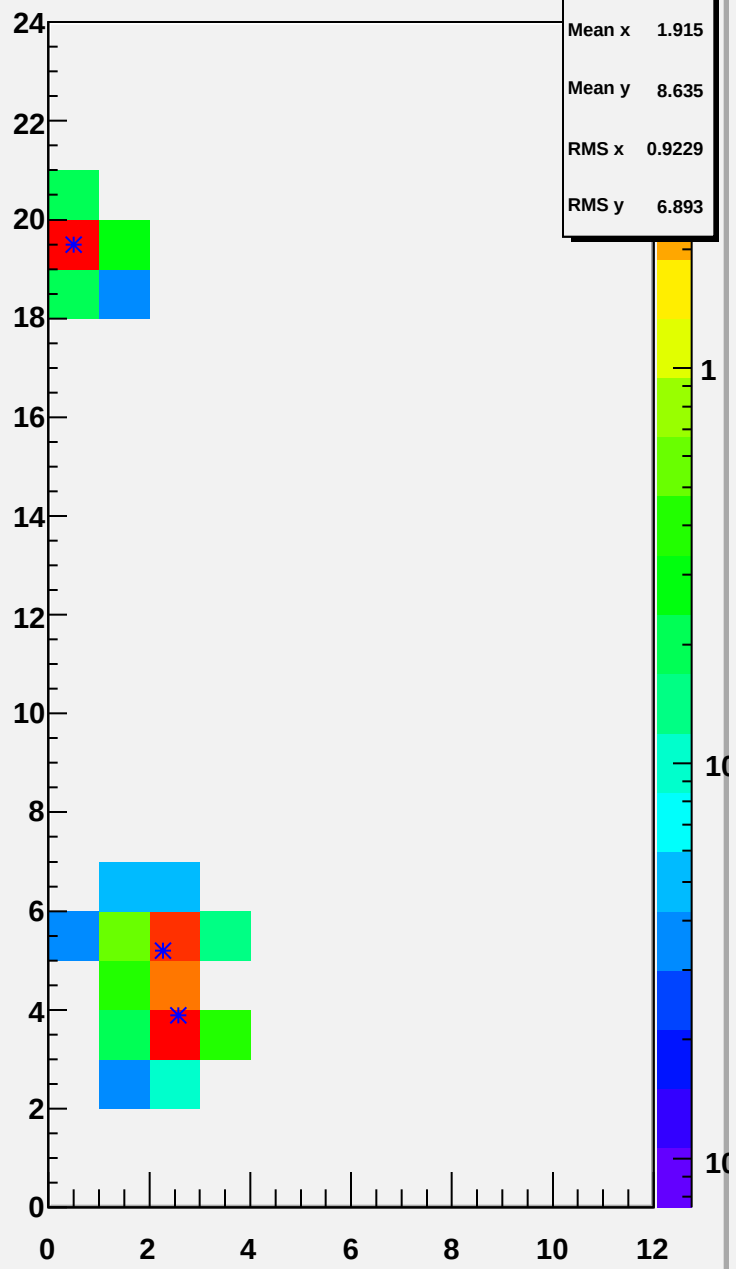
Efit

Entries	288
Mean x	2.416
Mean y	3.714
RMS x	0.5297
RMS y	0.591

NSTB3_r4_c3_En=22.0_m0=0.060 m1=0.060 index=1978



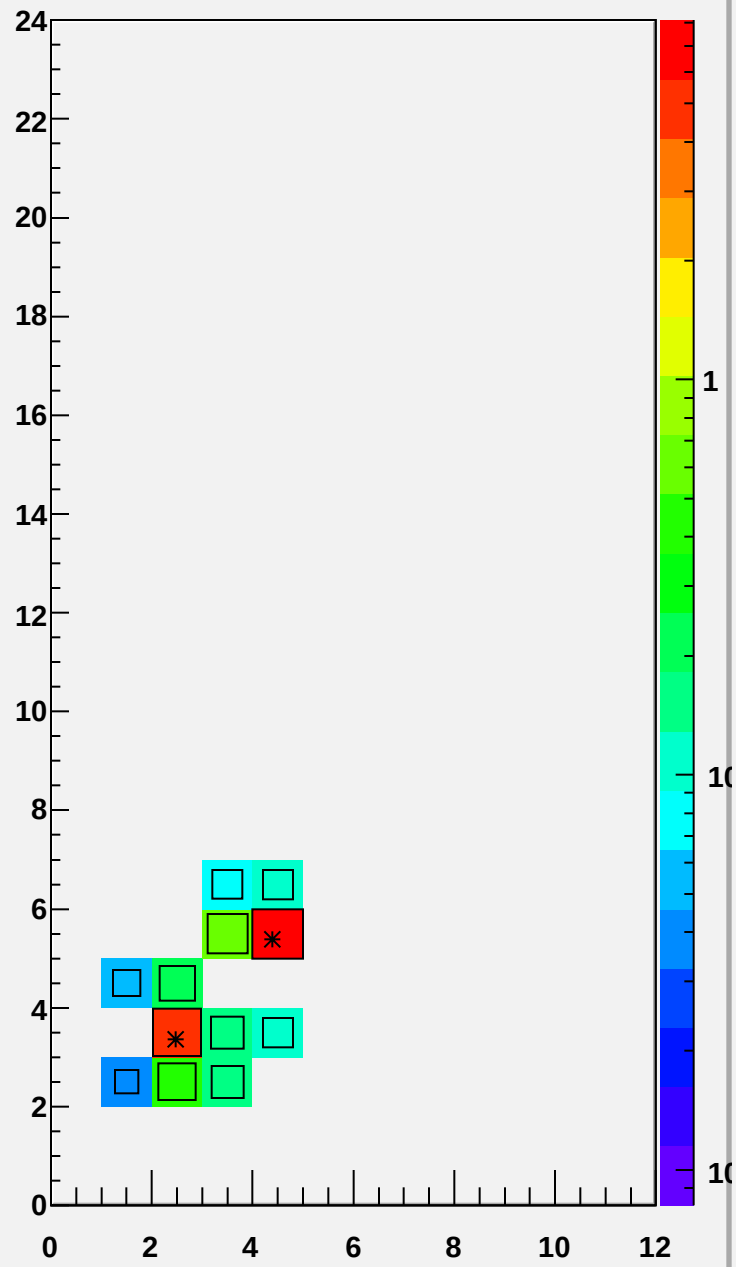
Fitted Energies



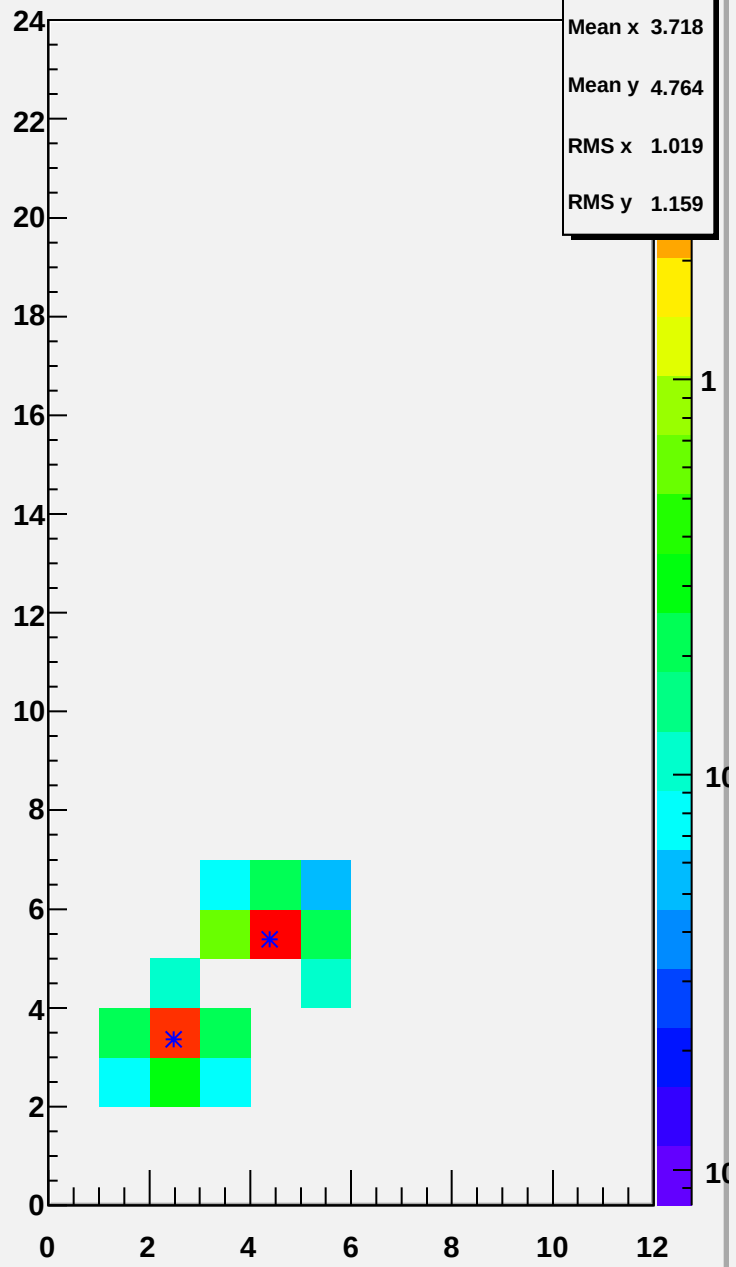
Efit

Entries	288
Mean x	1.915
Mean y	8.635
RMS x	0.9229
RMS y	6.893

NSTB3_r4_c3_En=14.7_m0=0.115 m1=0.115 index=1979



Fitted Energies



Efit

Entries 288

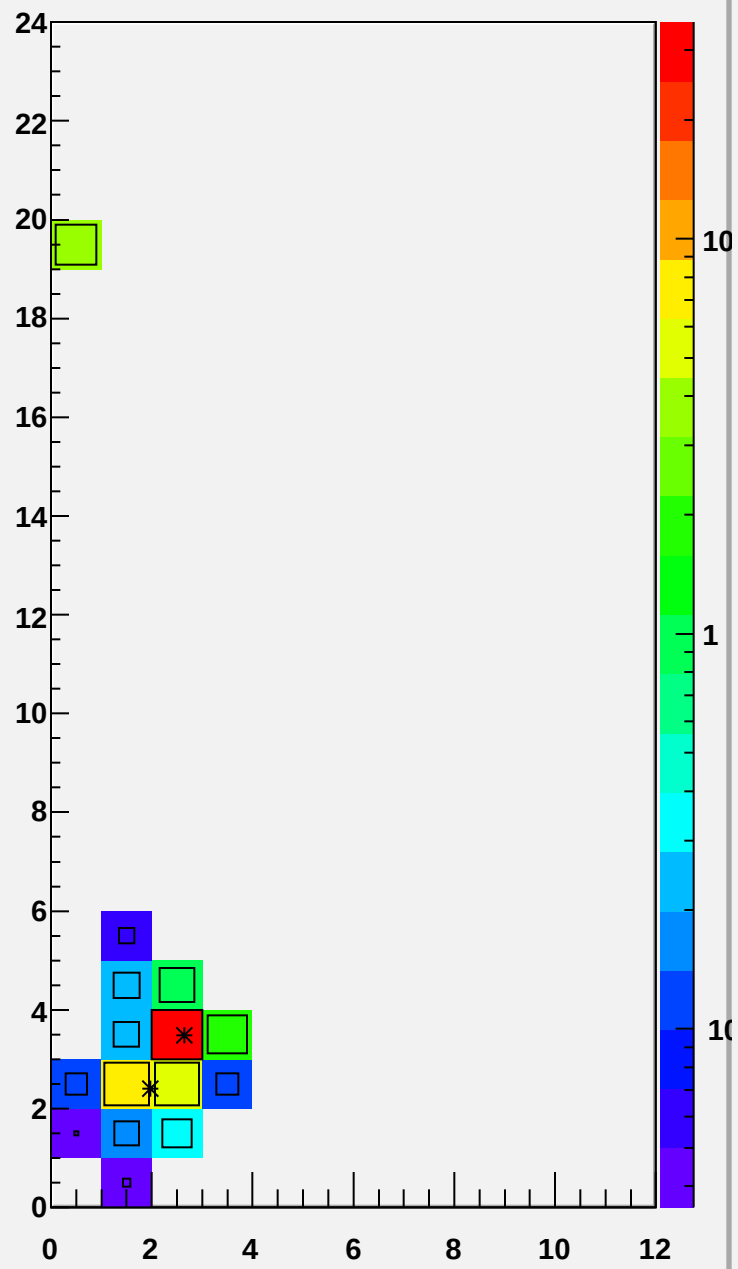
Mean x 3.718

Mean y 4.764

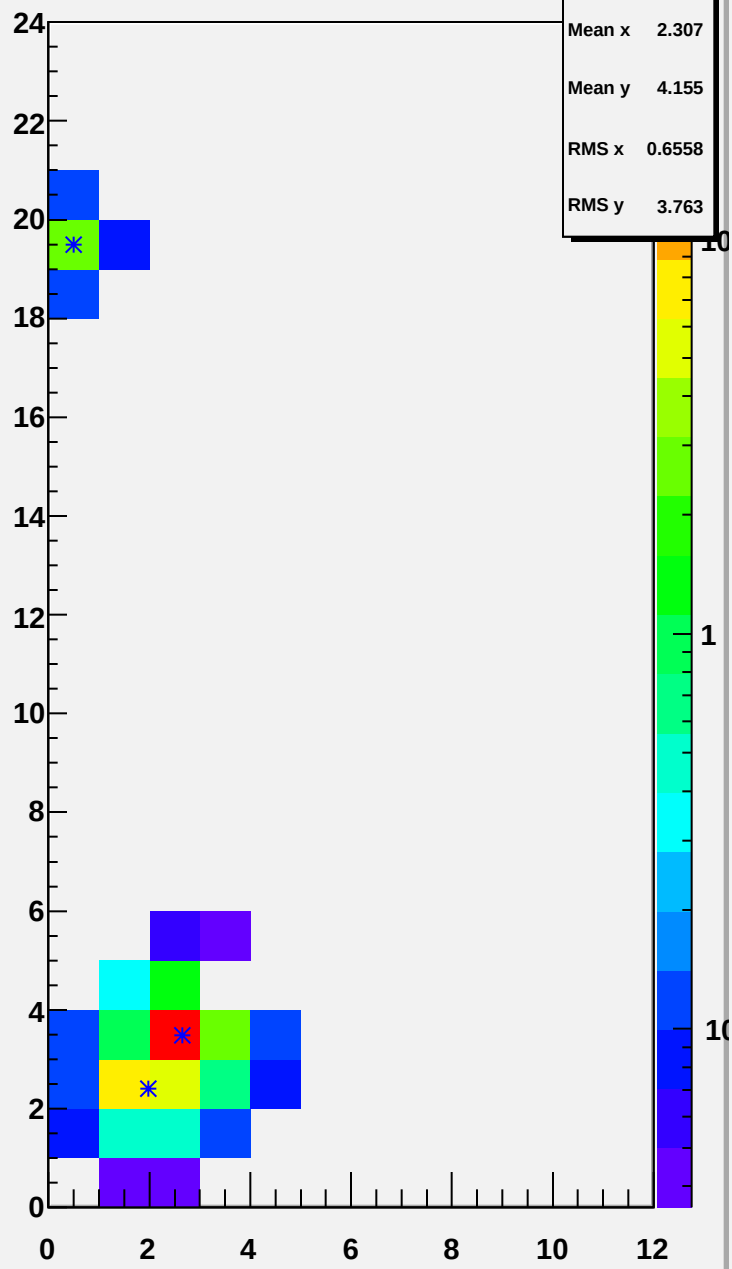
RMS x 1.019

RMS y 1.159

NSTB3_r4_c3_En=56.3_m0=0.155 m1=0.156 index=1980



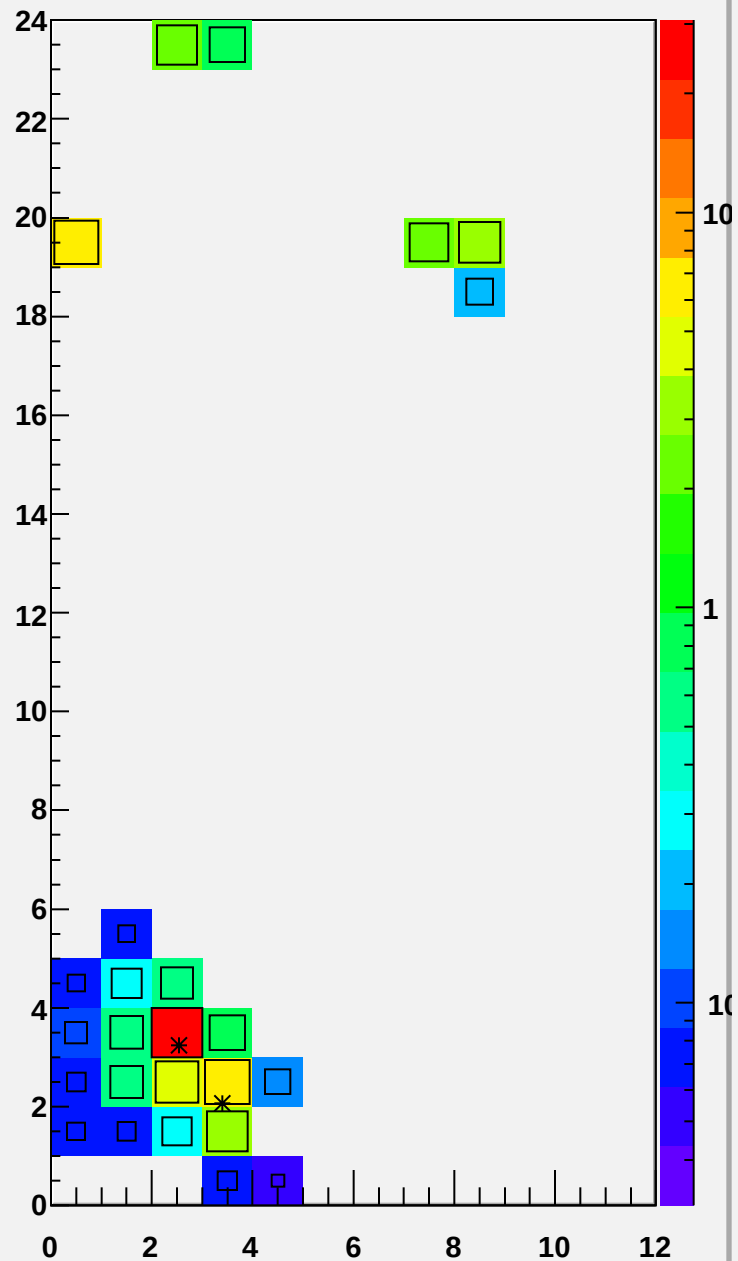
Fitted Energies



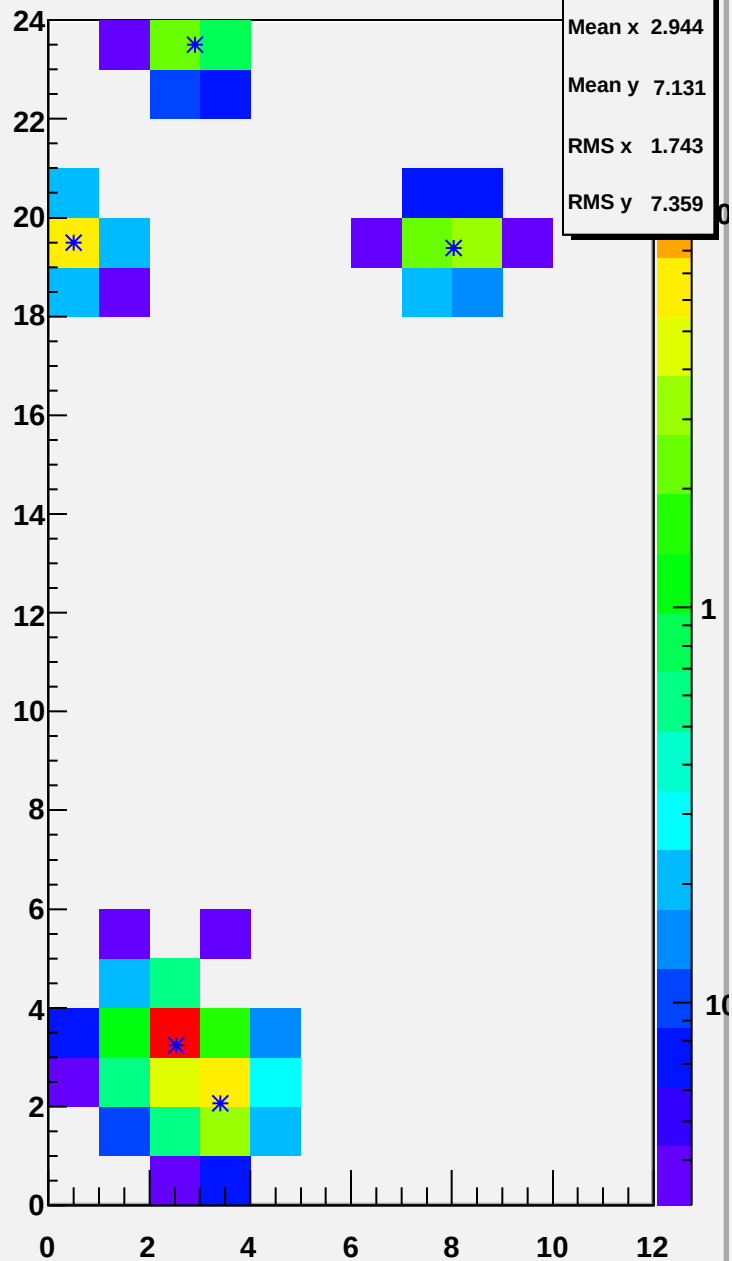
Efit

Entries	288
Mean x	2.307
Mean y	4.155
RMS x	0.6558
RMS y	3.763

NSTB3_r4_c3_En=63.4_m0=0.170 m1=0.170 index=1982



Fitted Energies



Efit

Entries 288

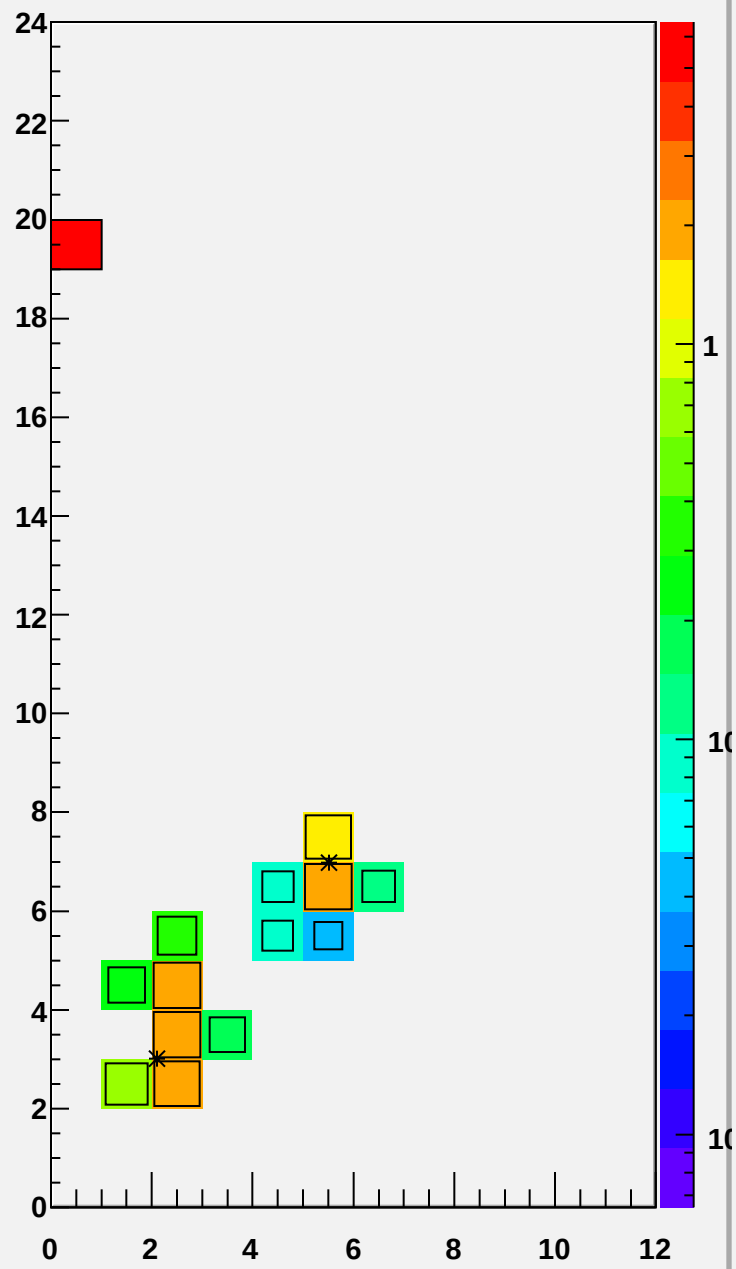
Mean x 2.944

Mean y 7.131

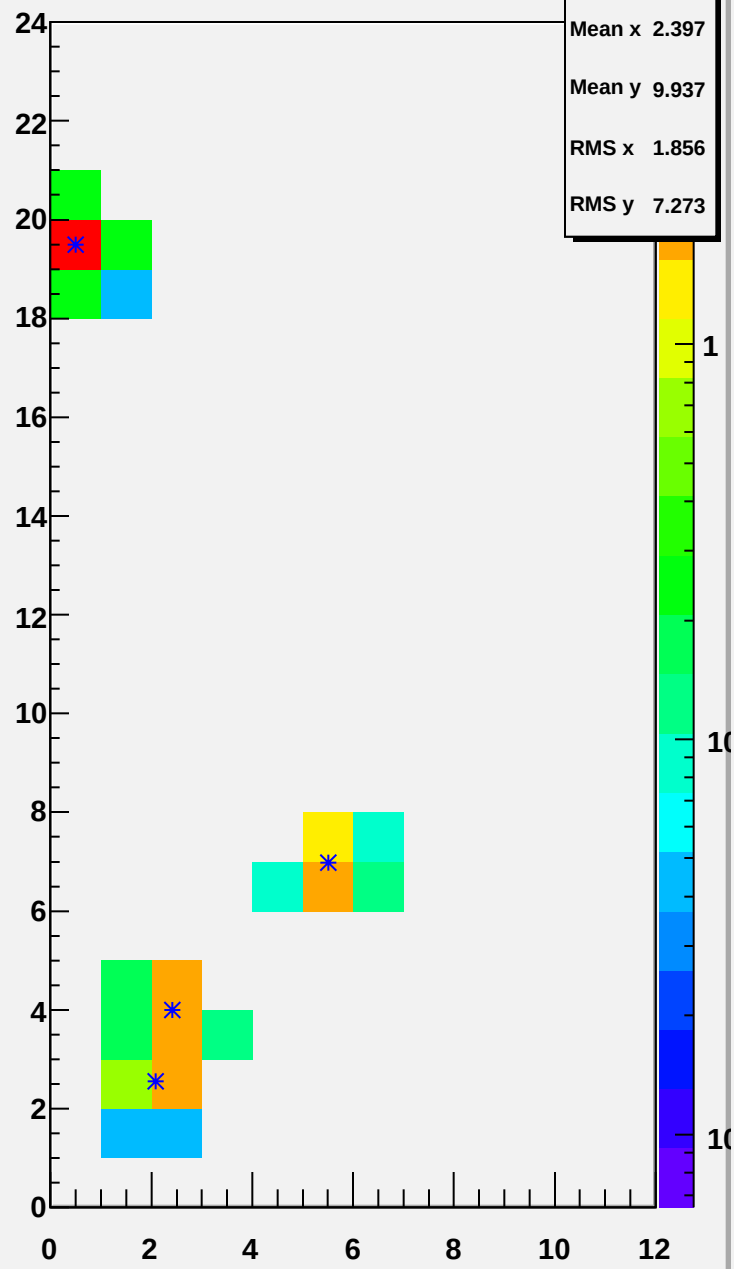
RMS x 1.743

RMS y 7.359

NSTB3_r4_c3_En=18.6_m0=0.151 m1=0.112 index=1983



Fitted Energies



Efit

Entries 288

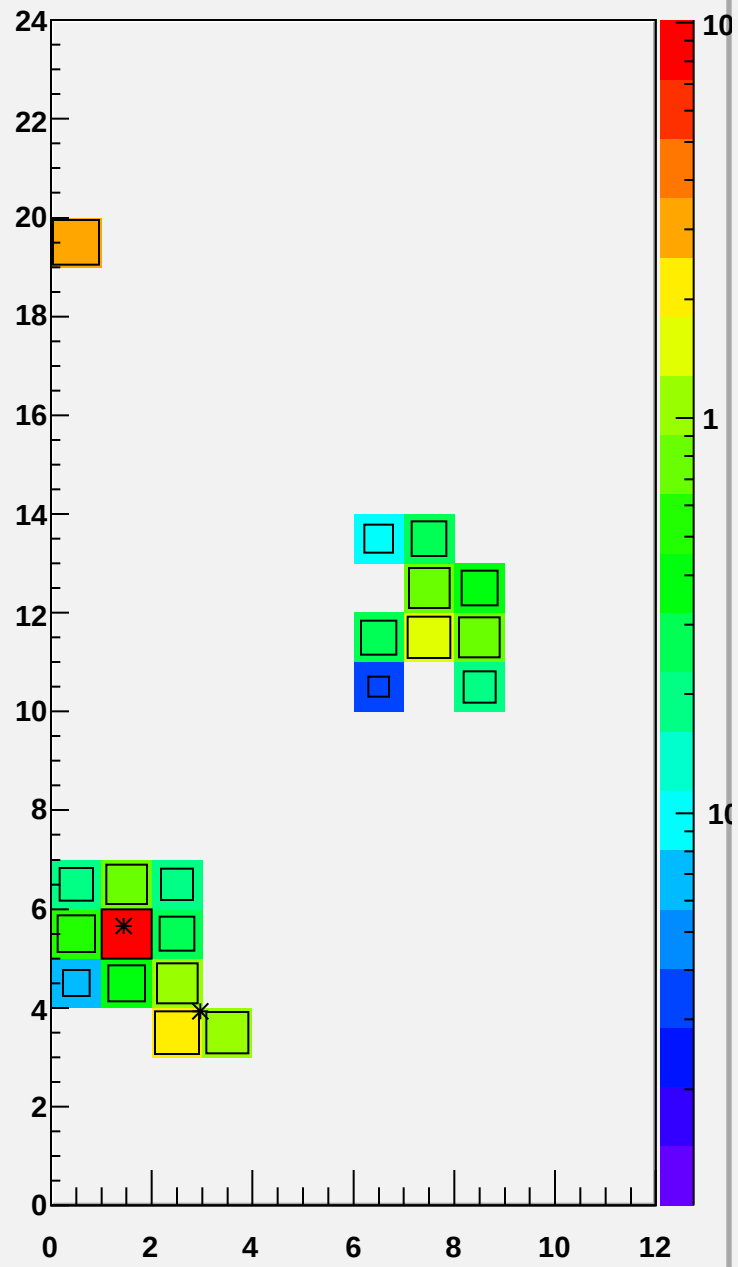
Mean x 2.397

Mean y 9.937

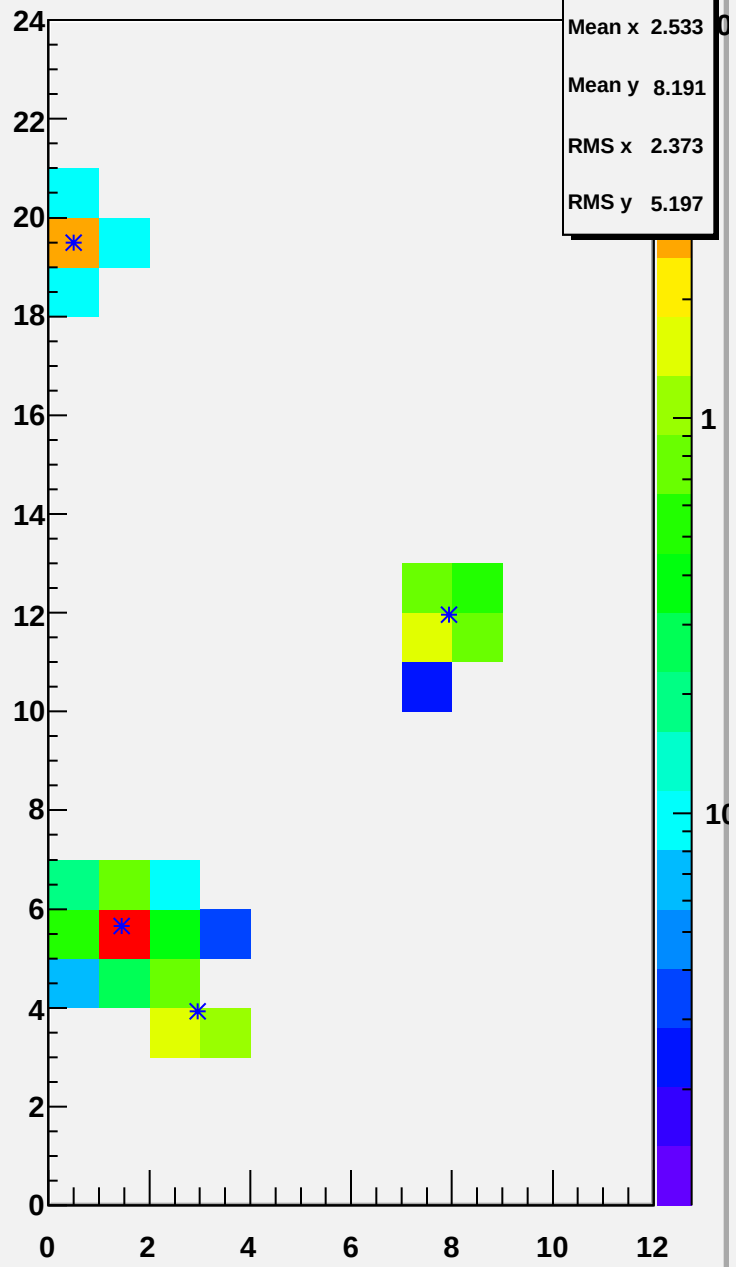
RMS x 1.856

RMS y 7.273

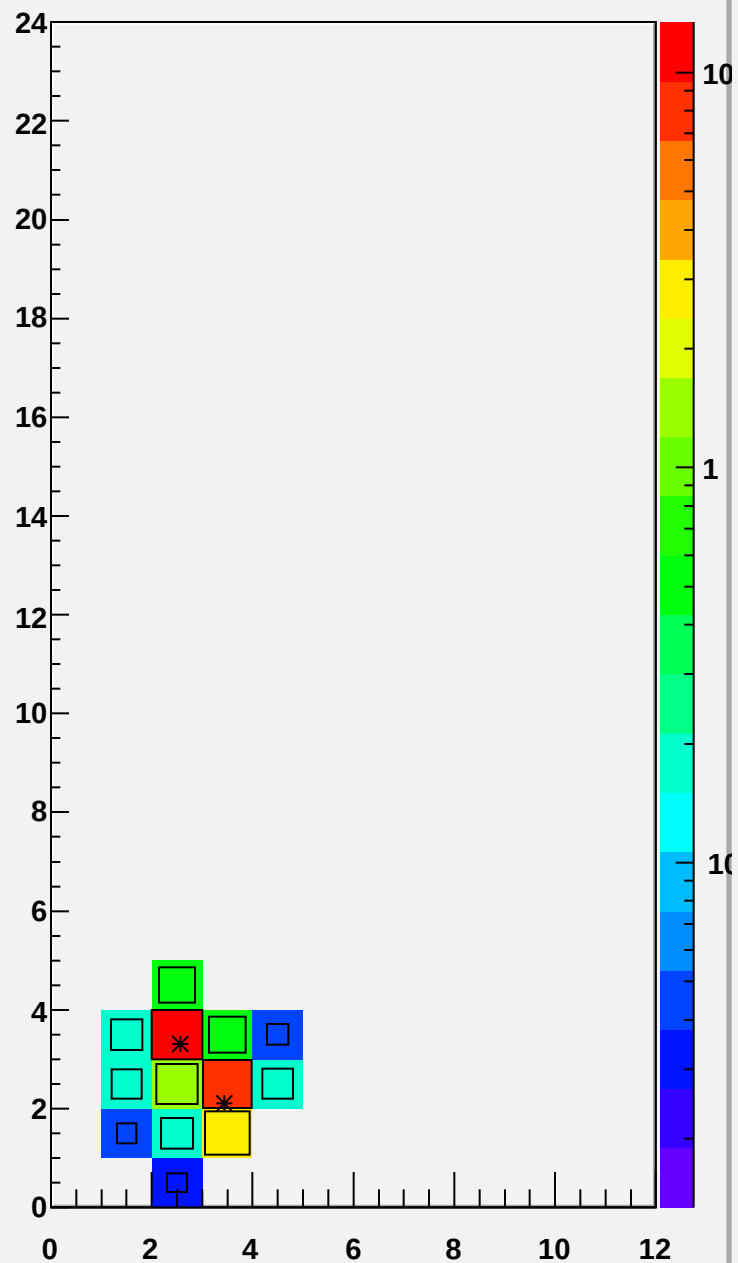
NSTB3_r4_c3_En=24.2_m0=0.095 m1=0.095 index=1984



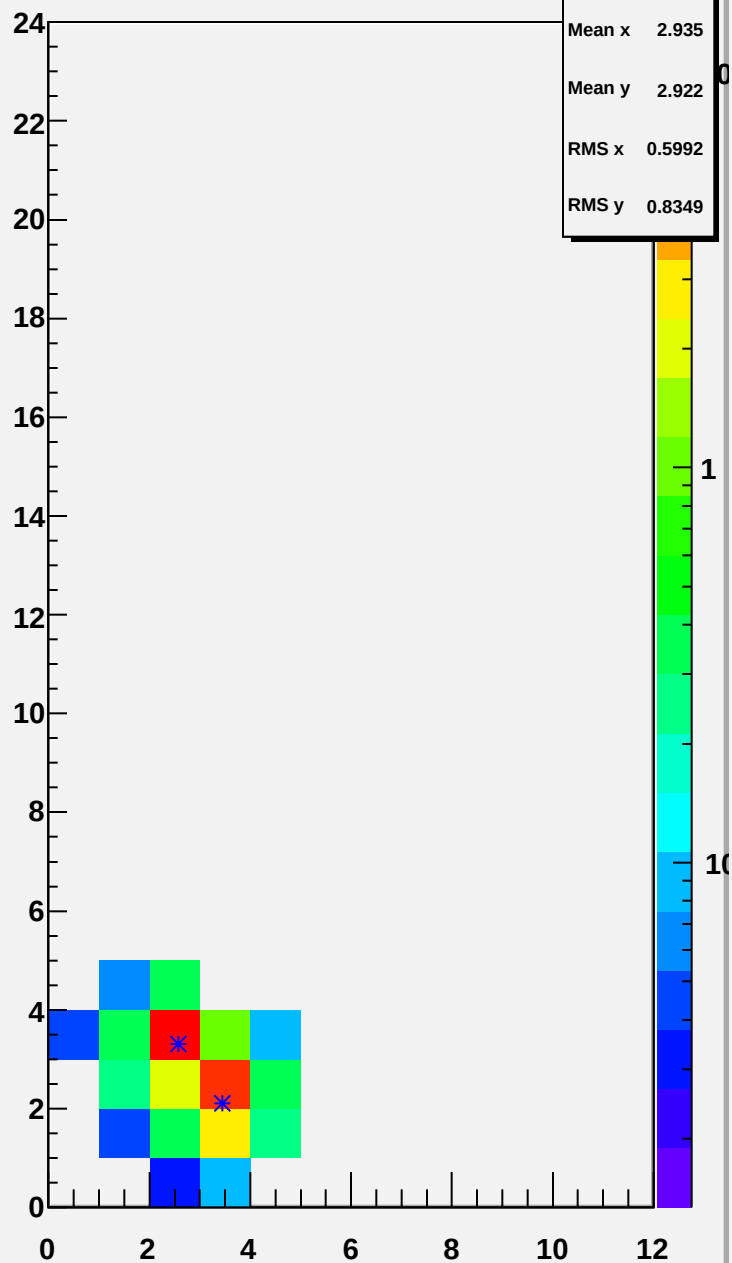
Fitted Energies



NSTB3_r4_c3_En=27.7_m0=0.120 m1=0.120 index=1986



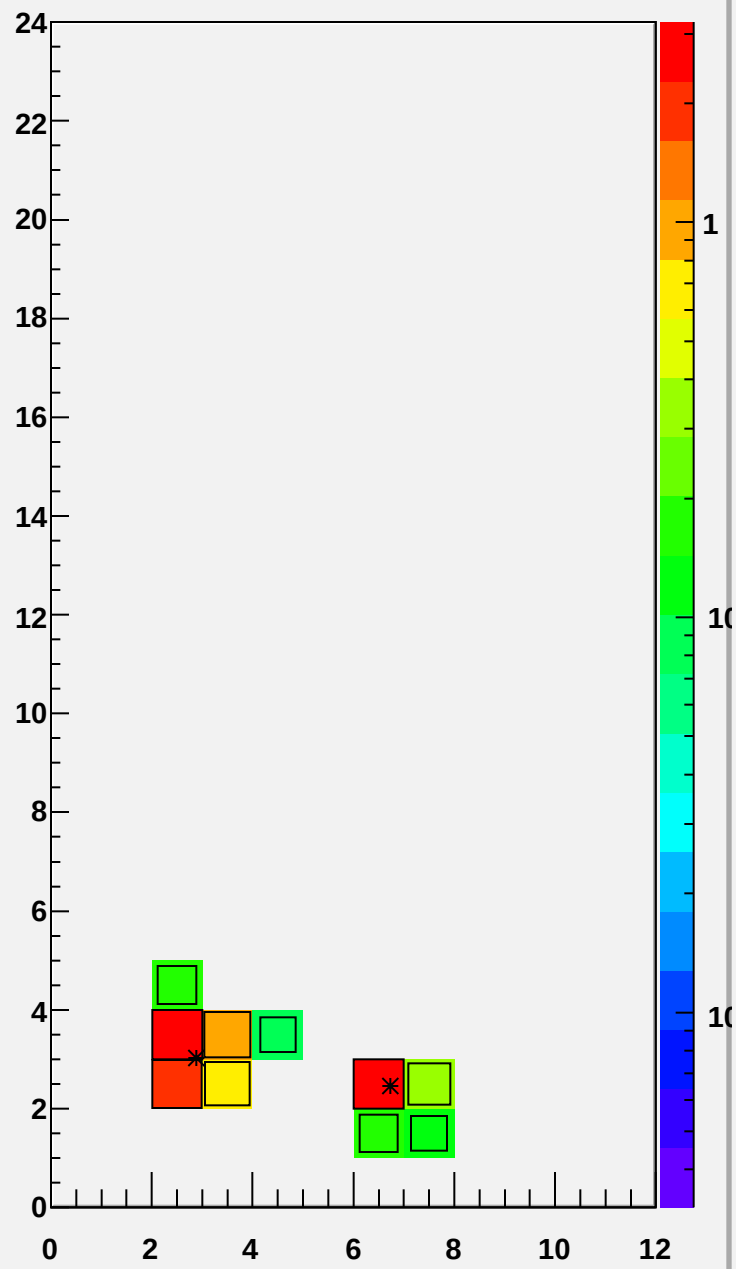
Fitted Energies



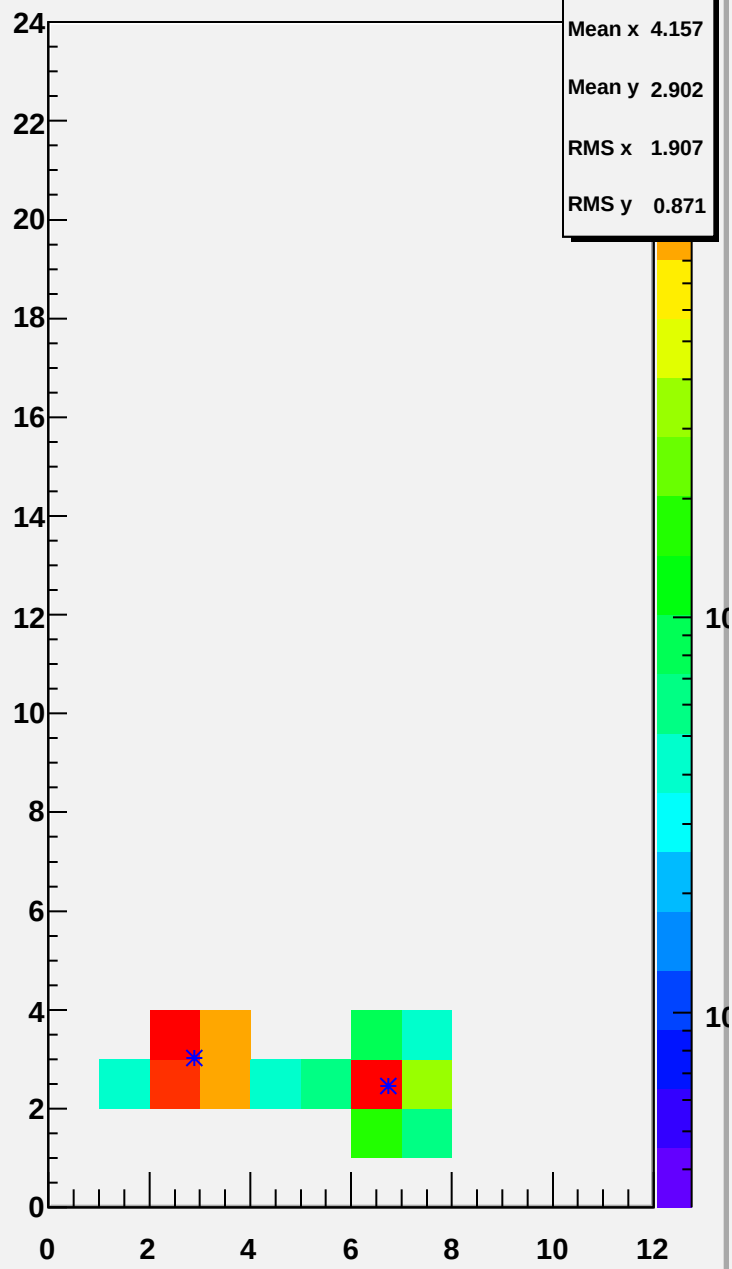
Efit

Entries	288
Mean x	2.935
Mean y	2.922
RMS x	0.5992
RMS y	0.8349

NSTB3_r4_c3_En=11.0_m0=0.117 m1=0.117 index=1987



Fitted Energies



Efit

Entries 288

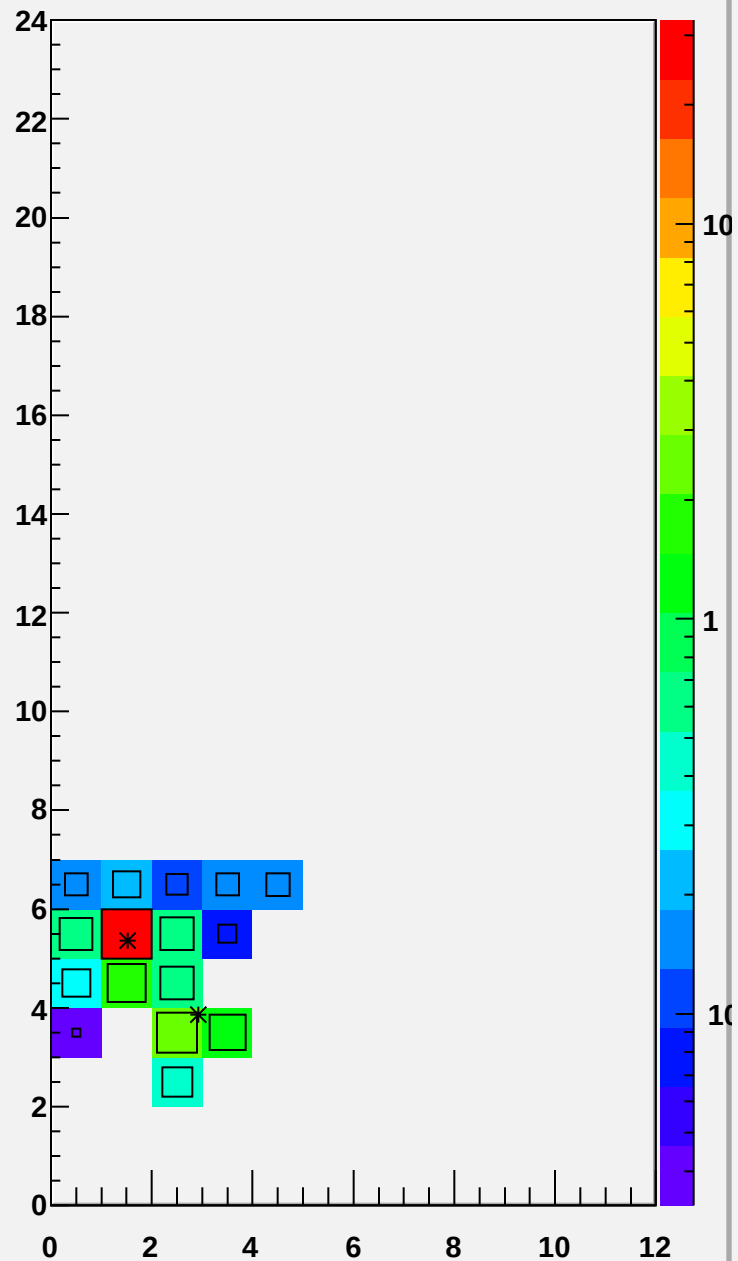
Mean x 4.157

Mean y 2.902

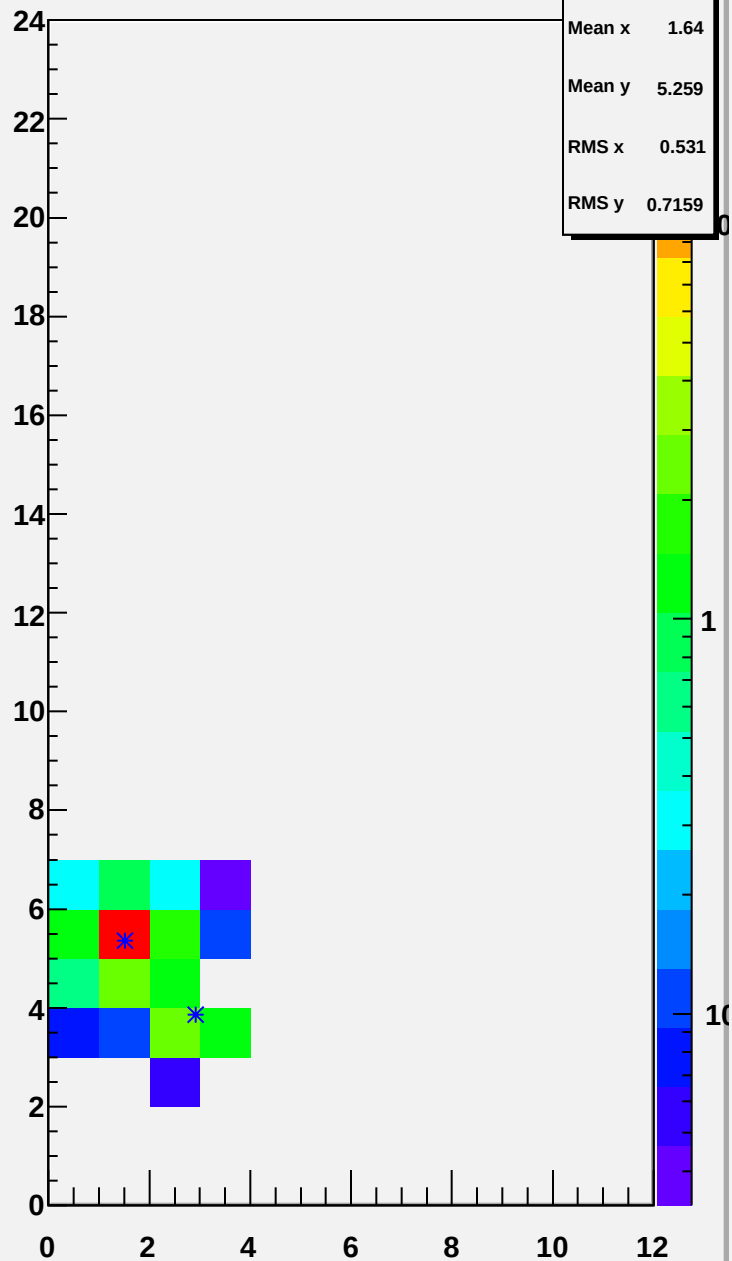
RMS x 1.907

RMS y 0.871

NSTB3_r4_c3_En=42.0_m0=0.163 m1=0.163 index=1989



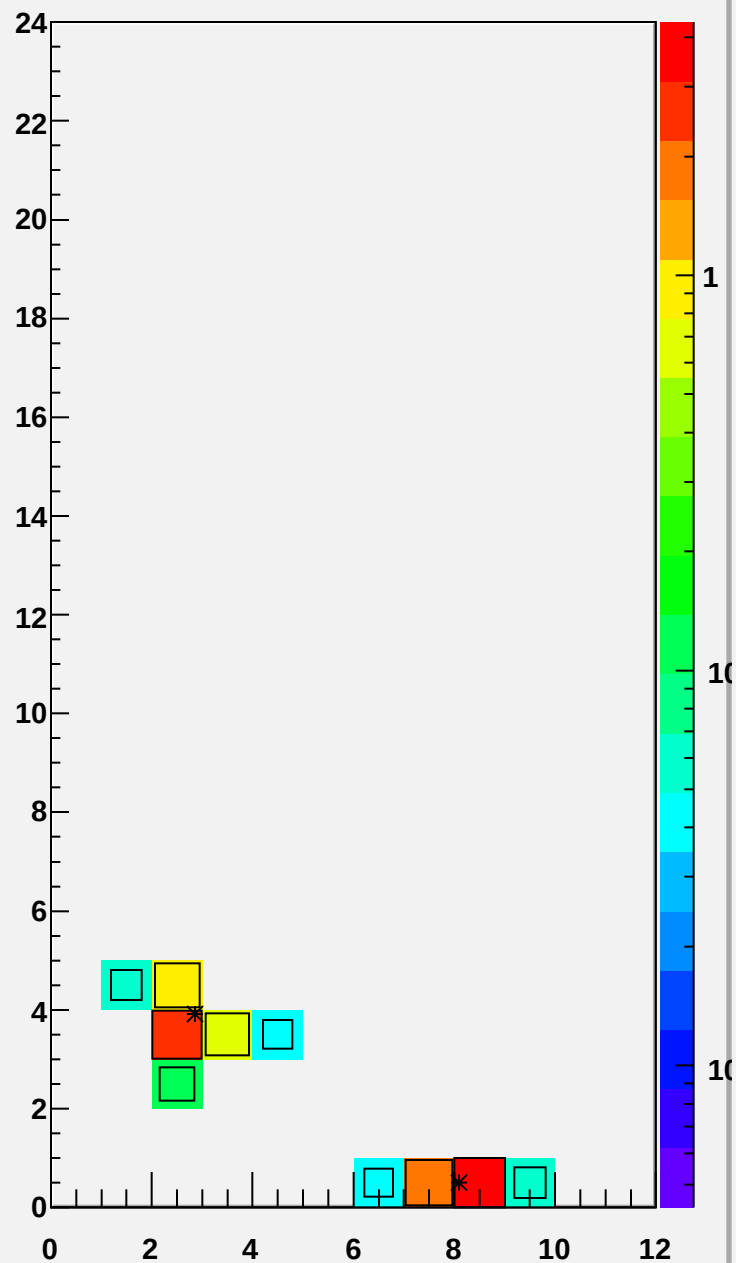
Fitted Energies



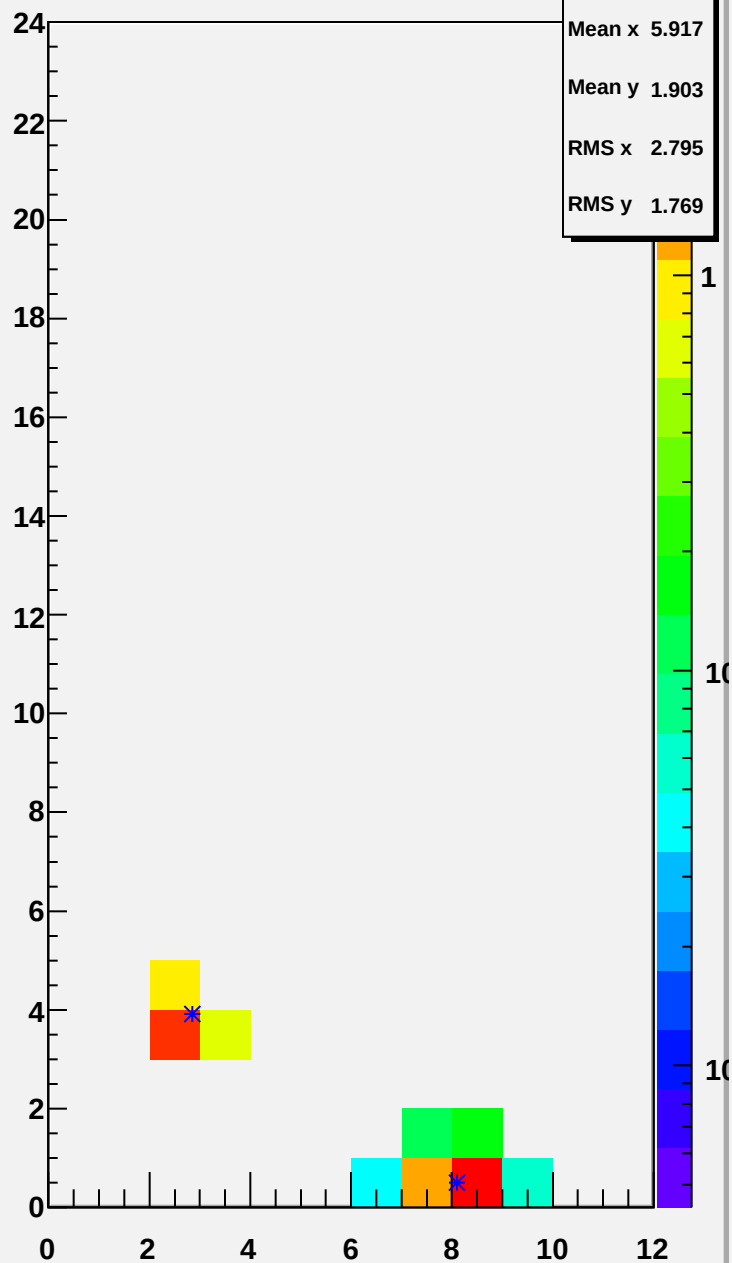
Efit

Entries	288
Mean x	1.64
Mean y	5.259
RMS x	0.531
RMS y	0.7159

NSTB3_r4_c3_En=10.7_m0=0.200 m1=0.200 index=1990



Fitted Energies



Efit

Entries 288

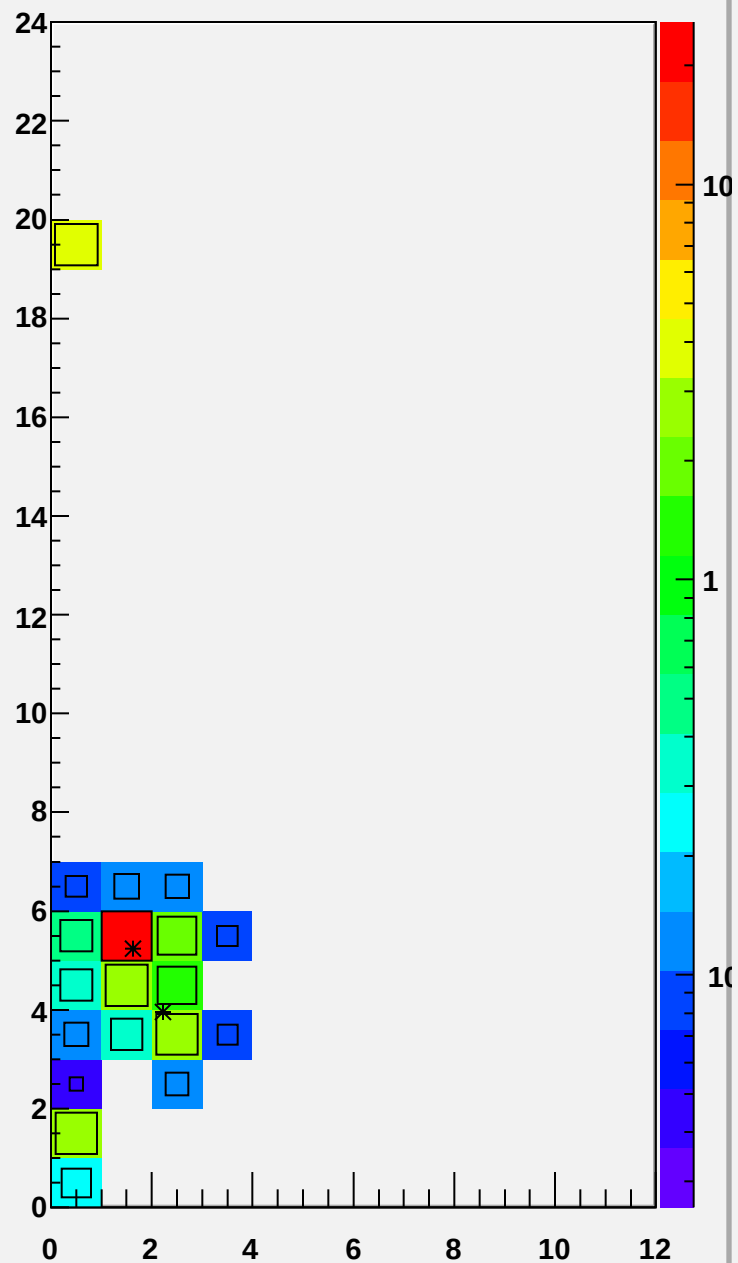
Mean x 5.917

Mean y 1.903

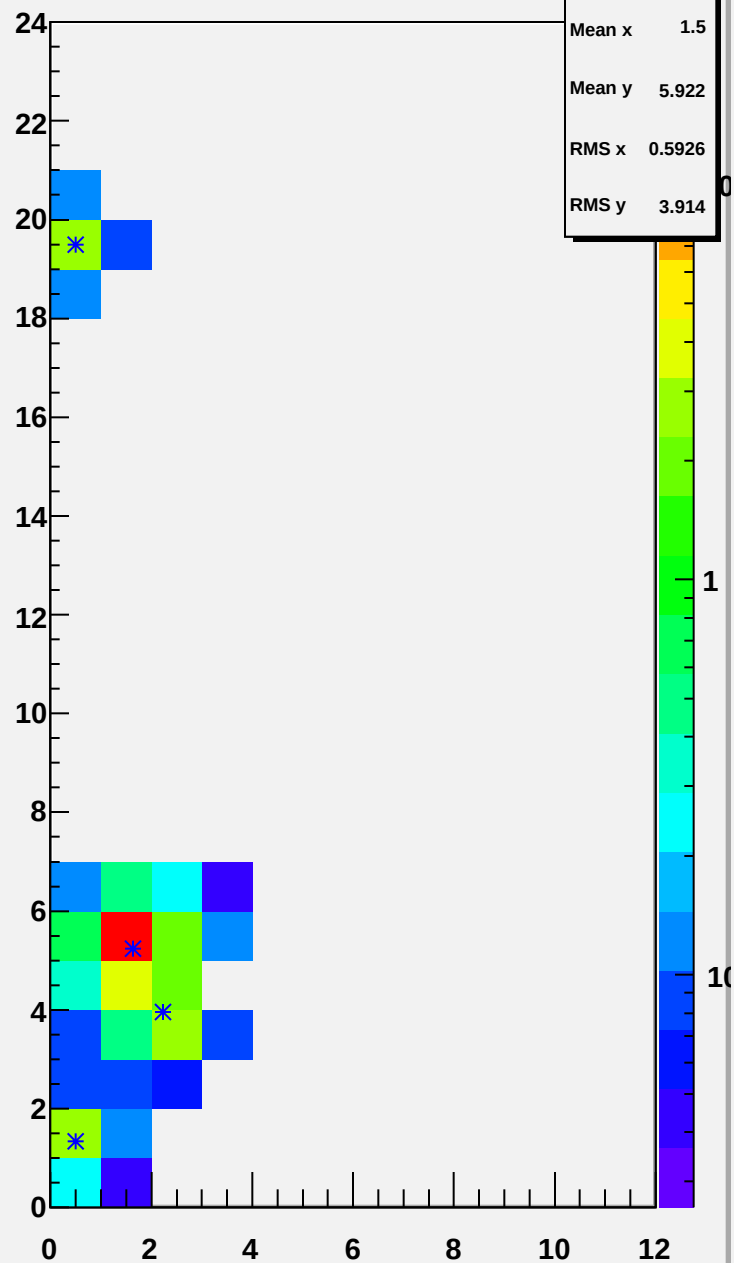
RMS x 2.795

RMS y 1.769

NSTB3_r4_c3_En=43.0_m0=0.103 m1=0.103 index=1991

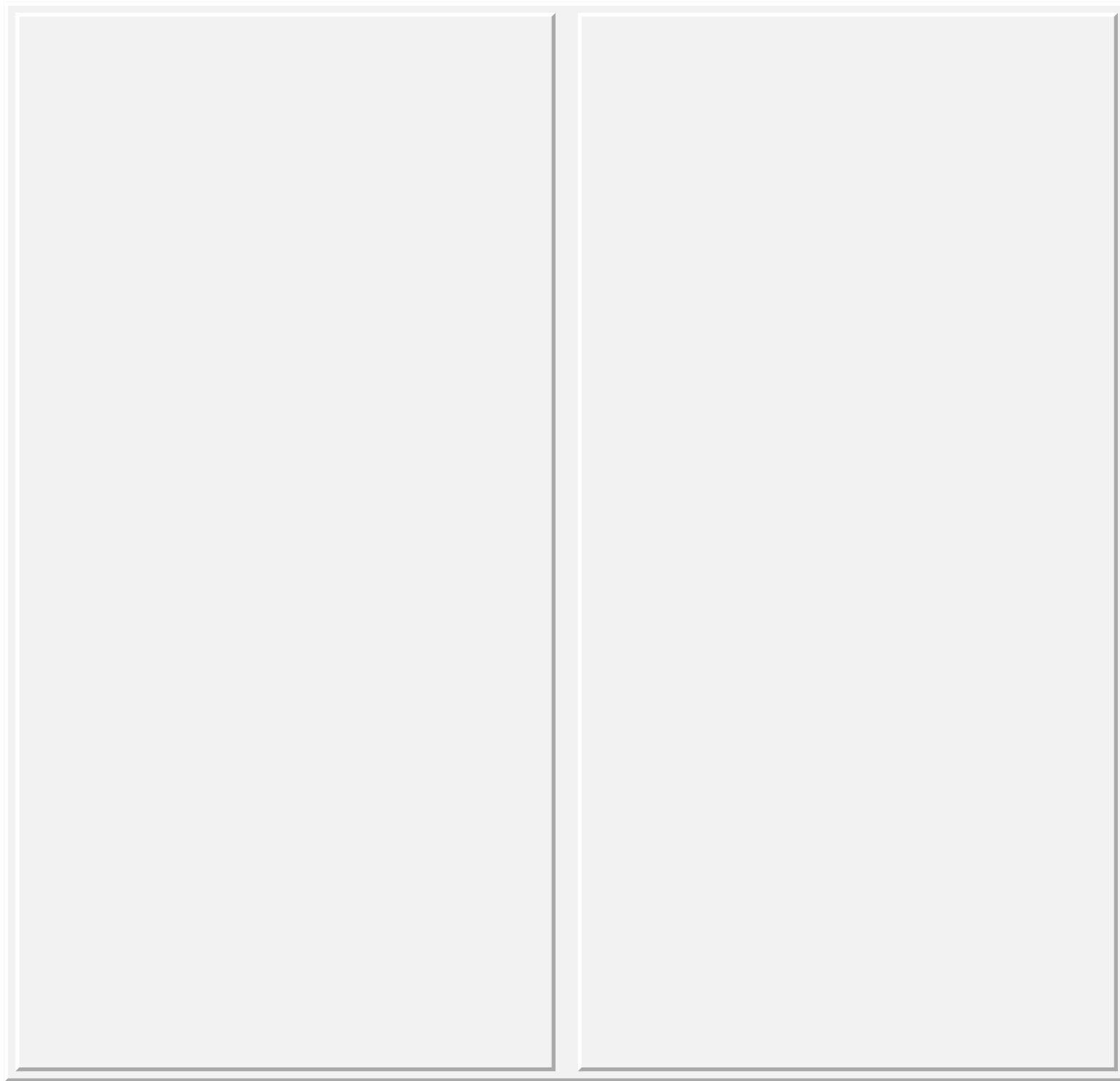


Fitted Energies

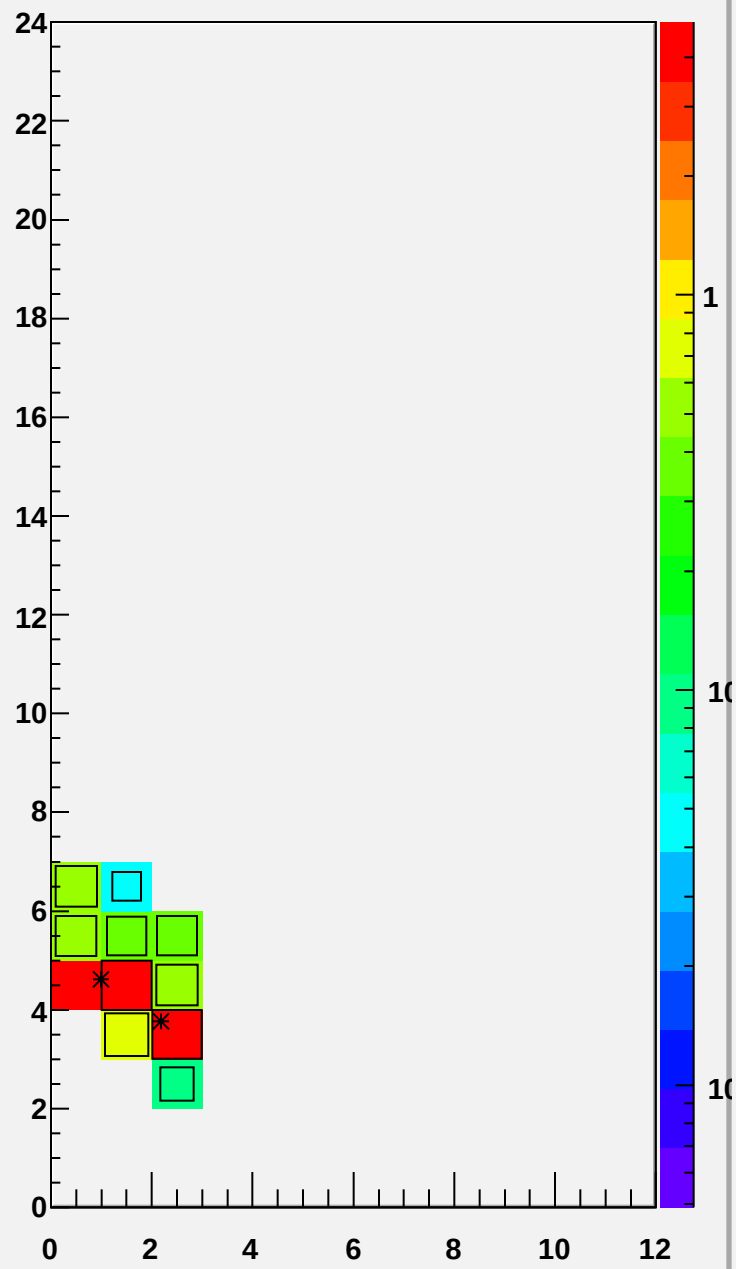


Efit

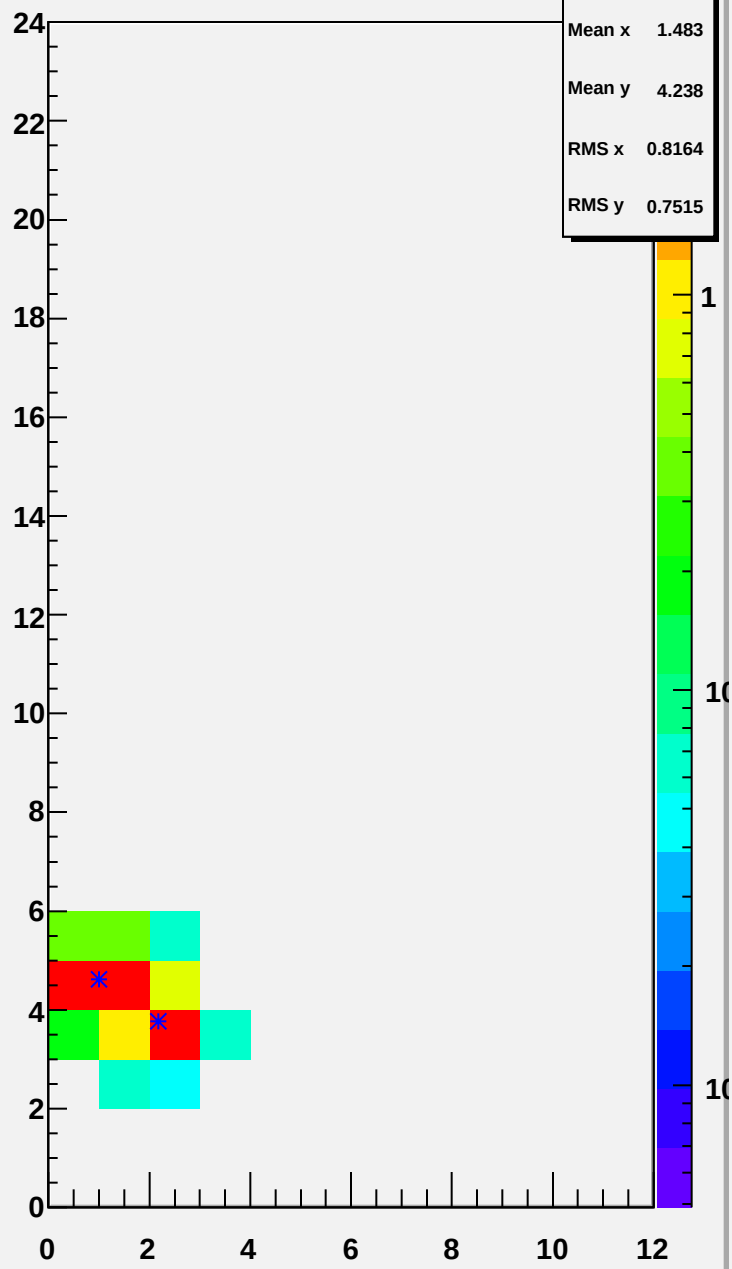
Entries	288
Mean x	1.5
Mean y	5.922
RMS x	0.5926
RMS y	3.914



NSTB3_r4_c3_En=16.9_m0=0.065 m1=0.065 index=1993



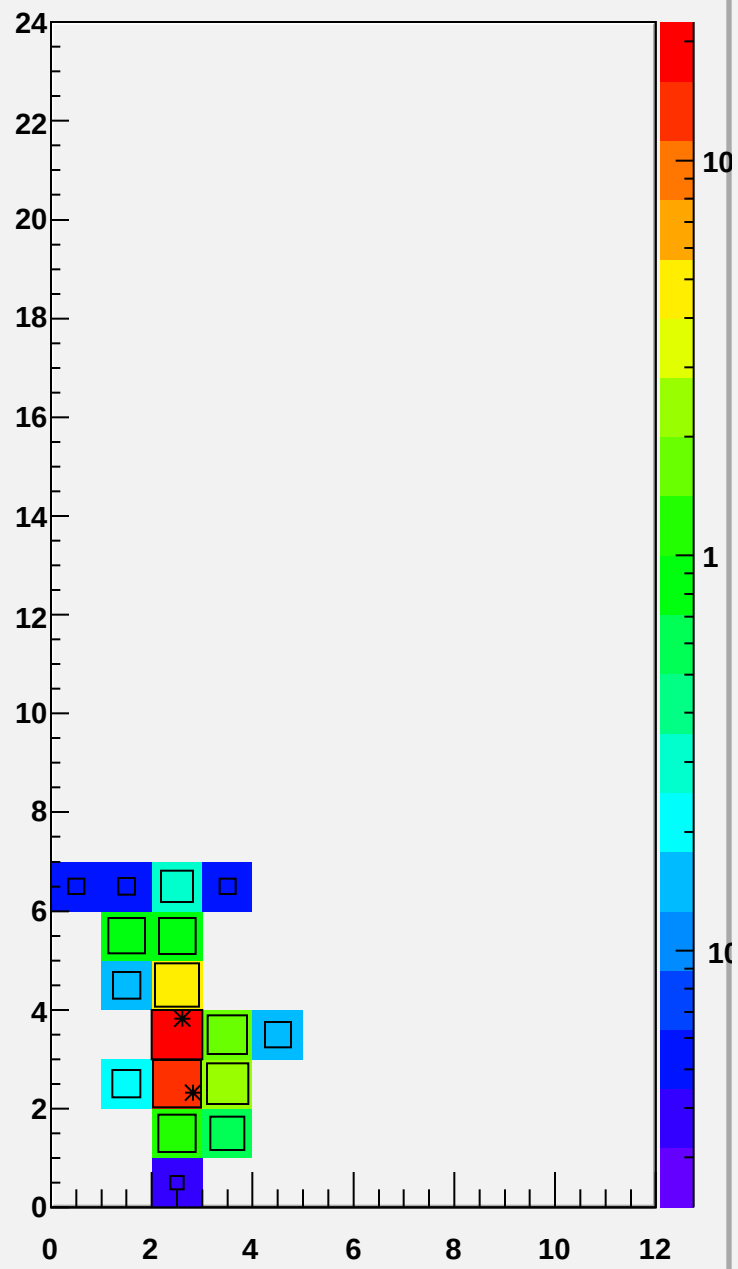
Fitted Energies



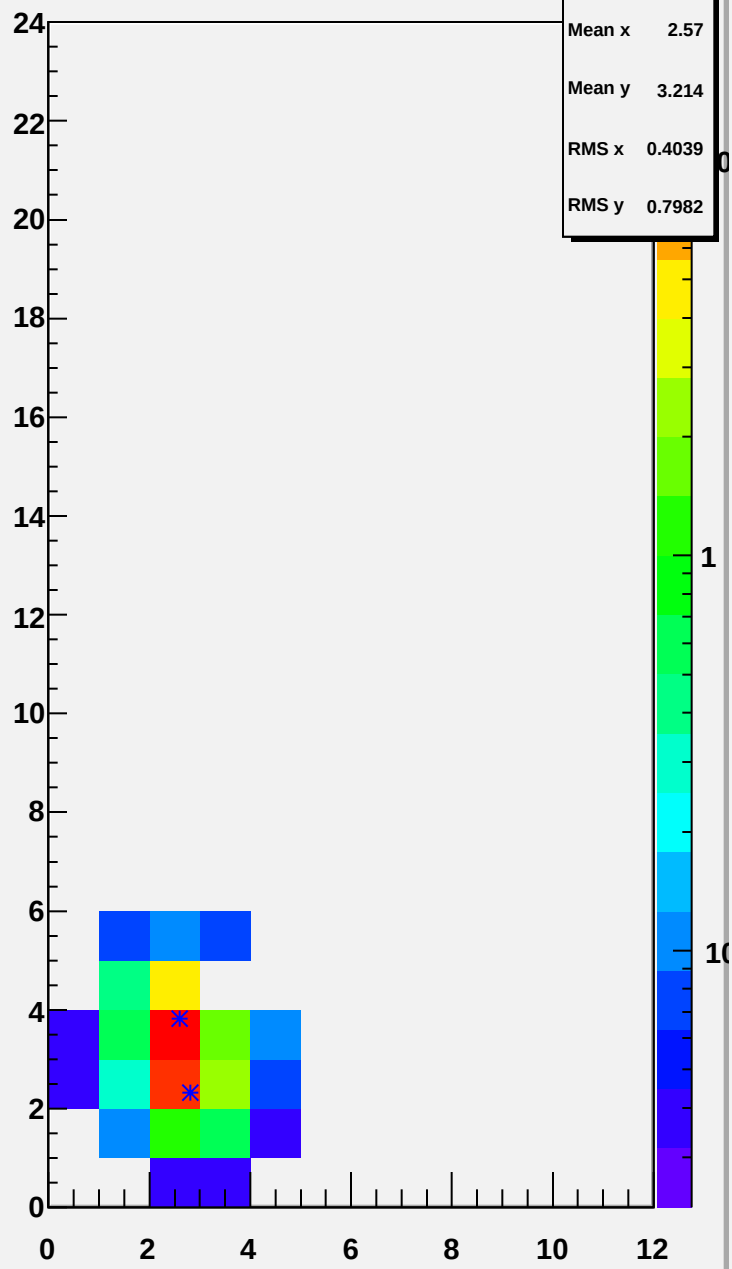
Efit

Entries	288
Mean x	1.483
Mean y	4.238
RMS x	0.8164
RMS y	0.7515

NSTB3_r4_c3_En=47.4_m0=0.190 m1=0.190 index=1994



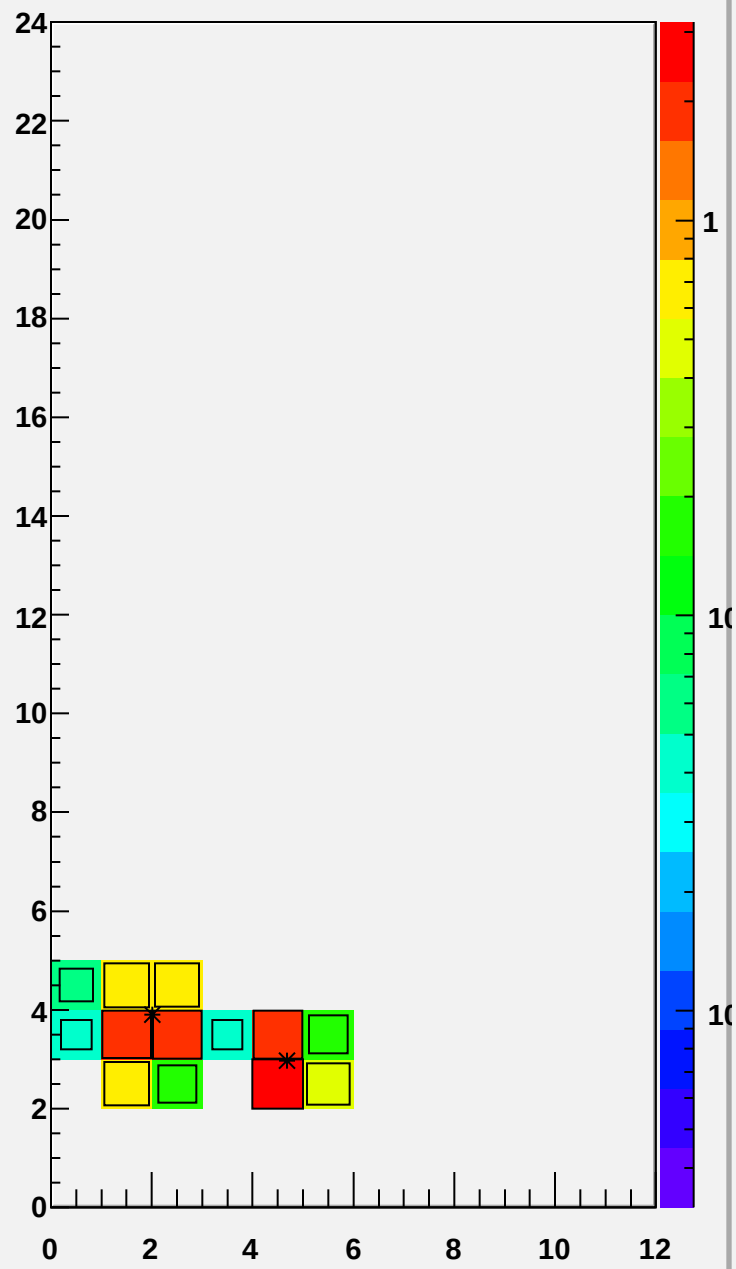
Fitted Energies



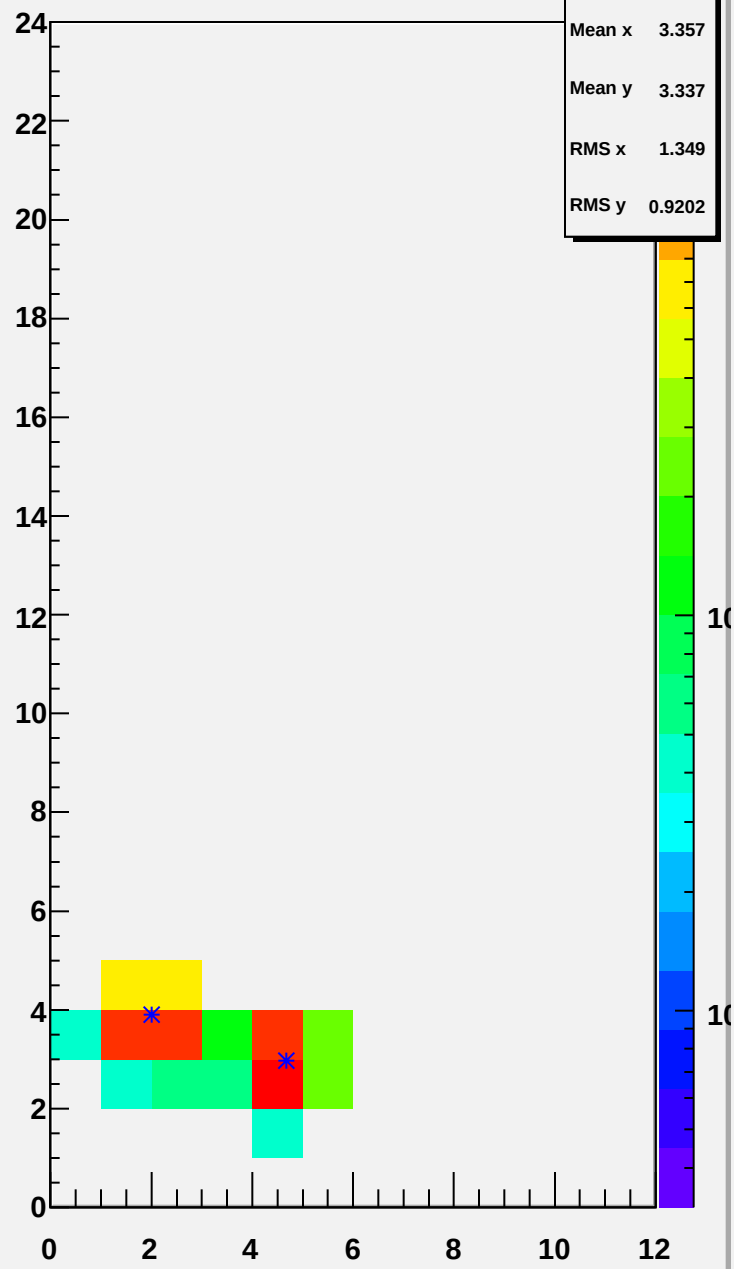
Efit

Entries	288
Mean x	2.57
Mean y	3.214
RMS x	0.4039
RMS y	0.7982

NSTB3_r4_c3_En=12.1_m0=0.092 m1=0.092 index=1995



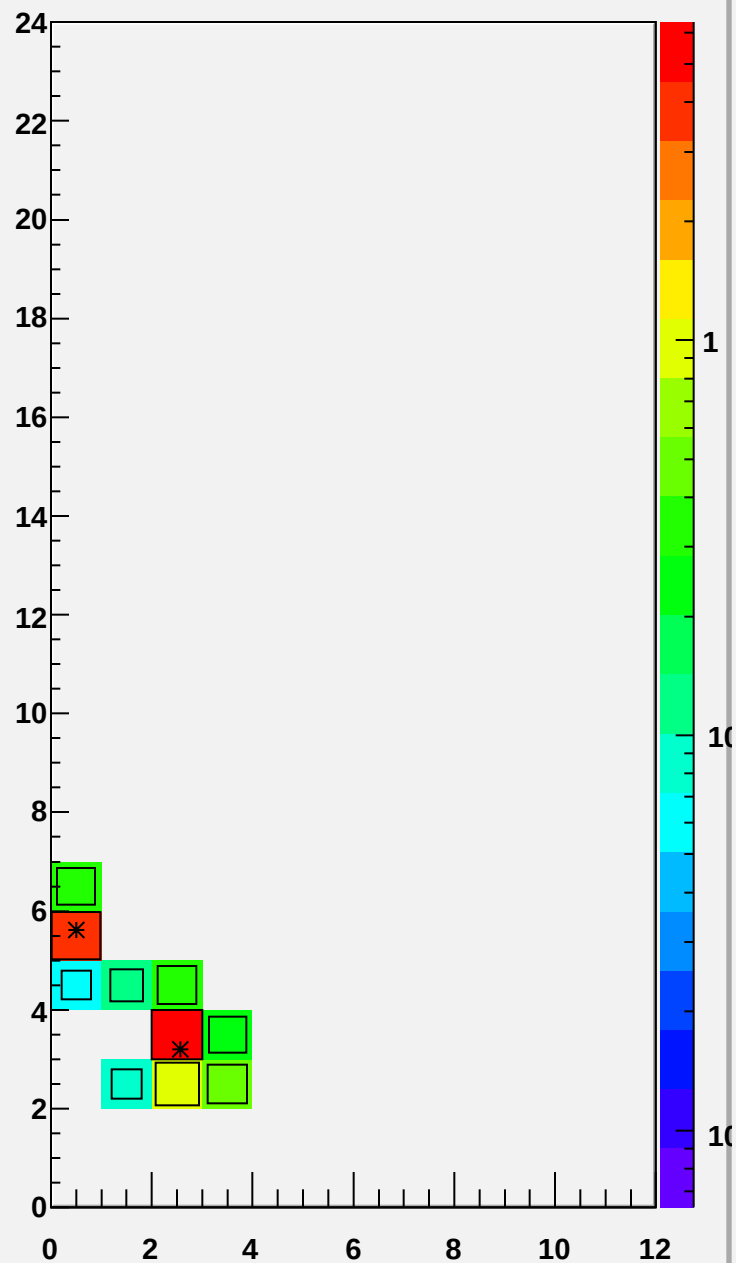
Fitted Energies



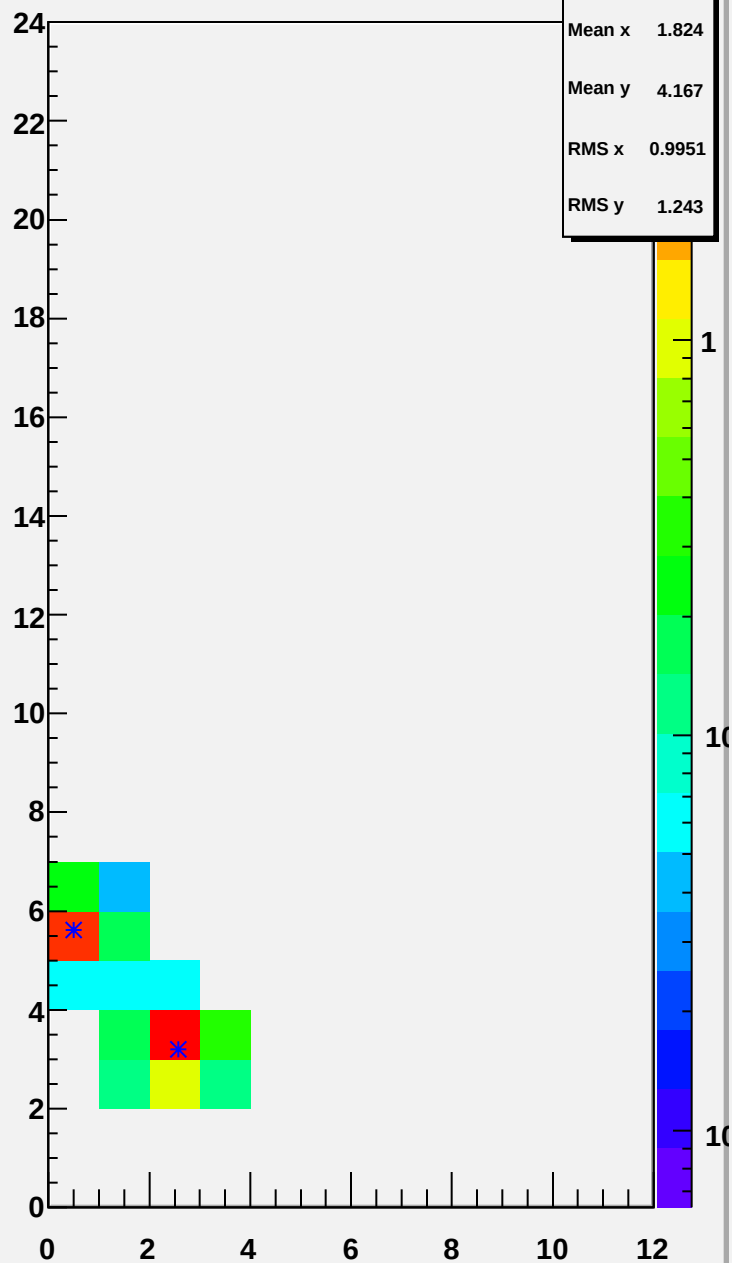
Efit

Entries	288
Mean x	3.357
Mean y	3.337
RMS x	1.349
RMS y	0.9202

NSTB3_r4_c3_En=13.2_m0=0.114_m1=0.114_index=1996



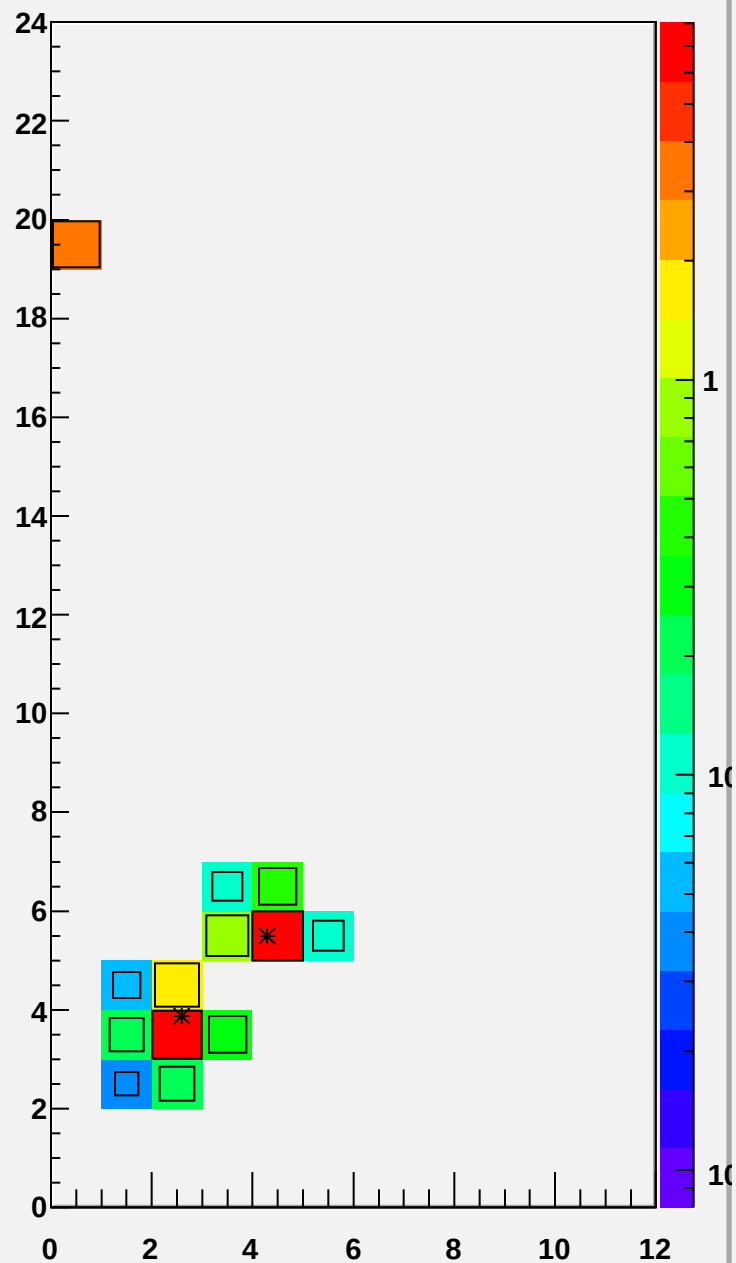
Fitted Energies



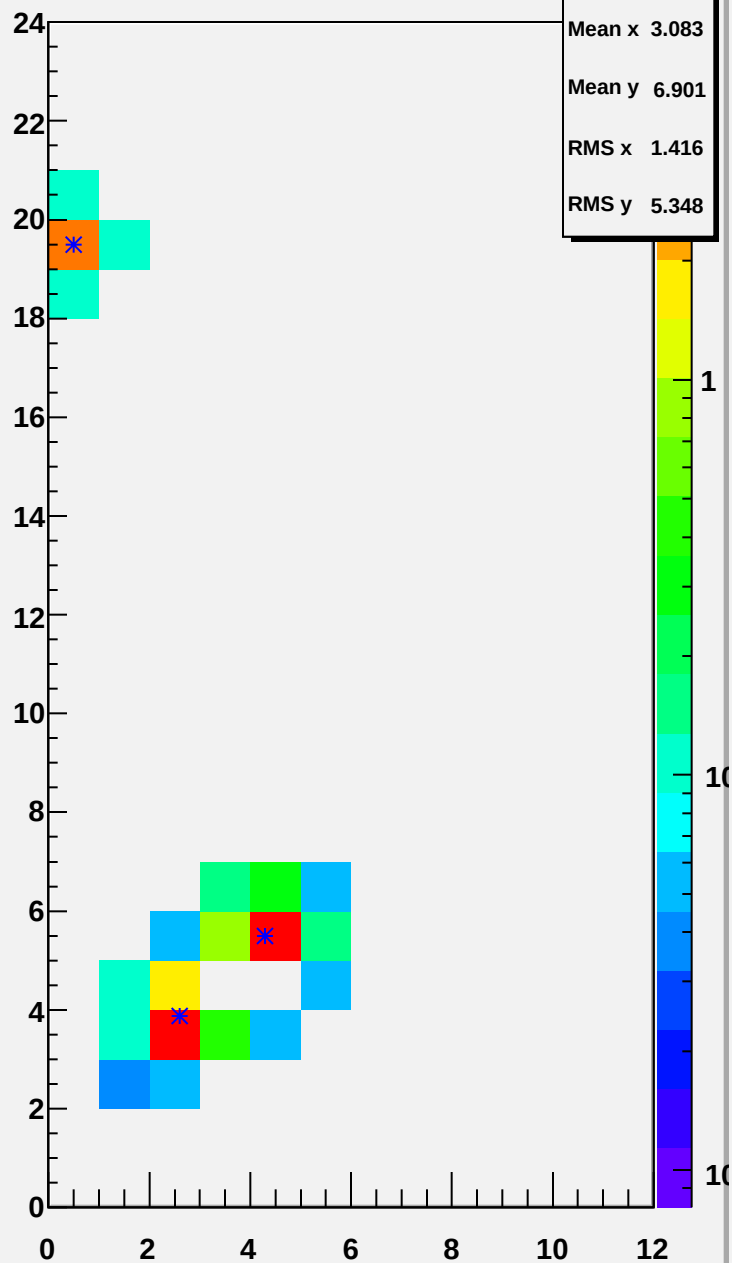
Efit

Entries	288
Mean x	1.824
Mean y	4.167
RMS x	0.9951
RMS y	1.243

NSTB3_r4_c3_En=21.4_m0=0.123 m1=0.124 index=1997



Fitted Energies



Efit

Entries 288

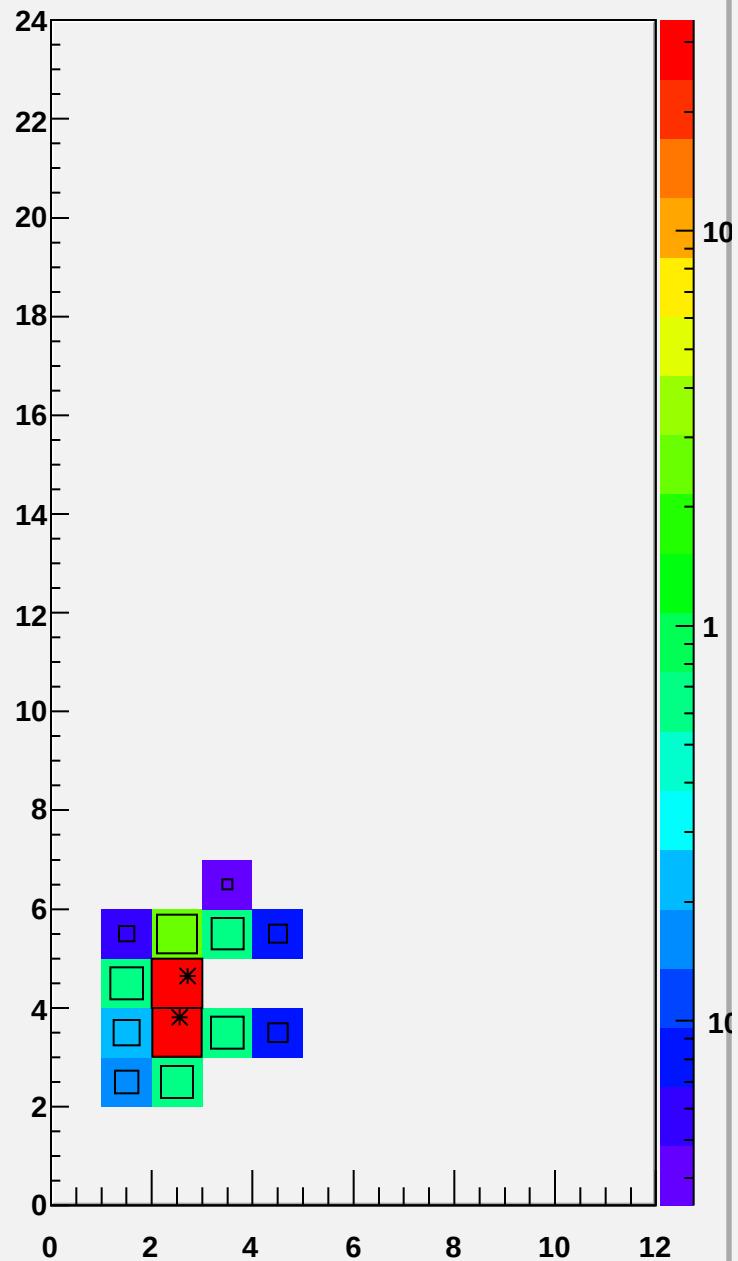
Mean x 3.083

Mean y 6.901

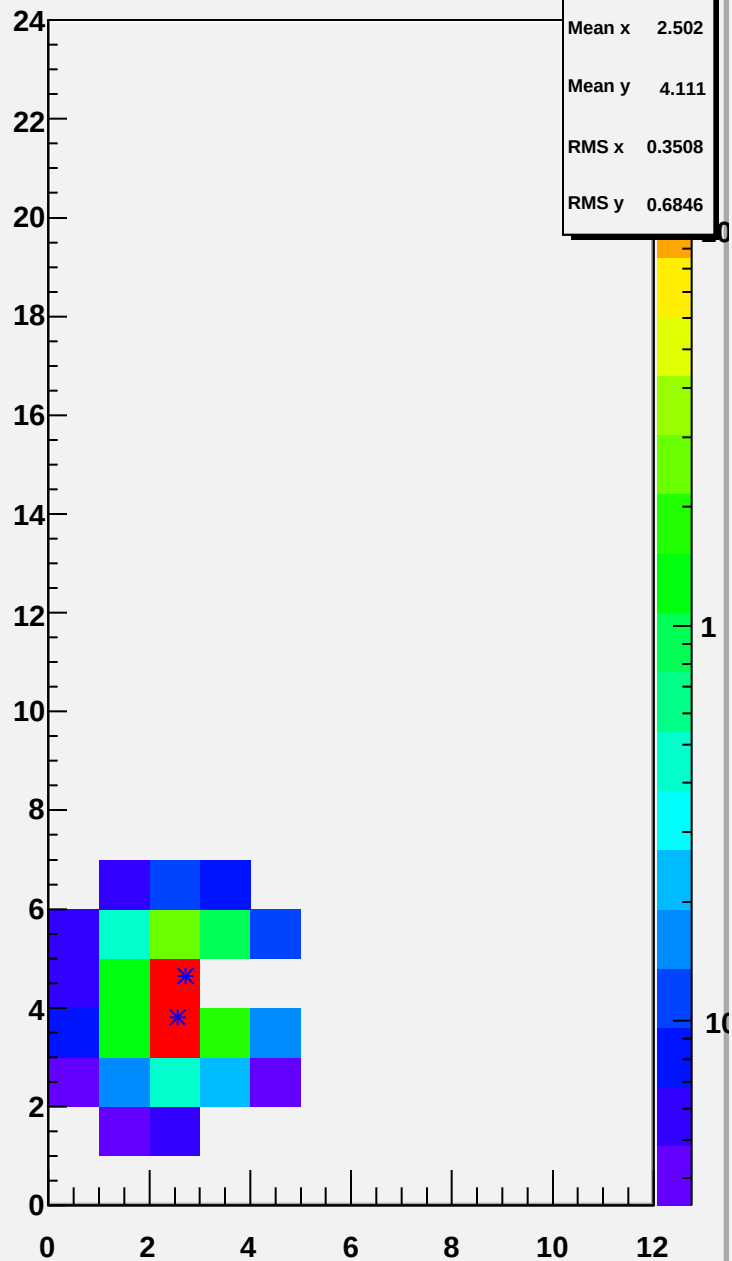
RMS x 1.416

RMS y 5.348

NSTB3_r4_c3_En=68.2_m0=0.168 m1=0.169 index=1998



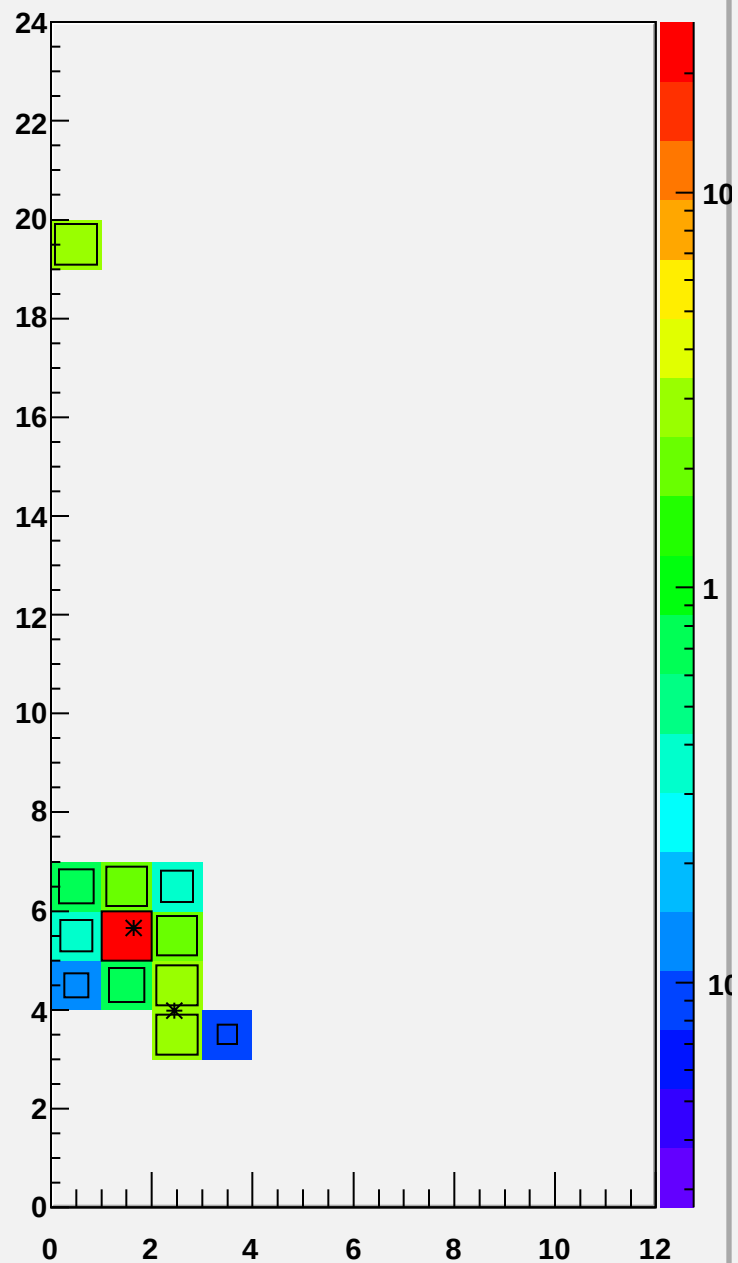
Fitted Energies



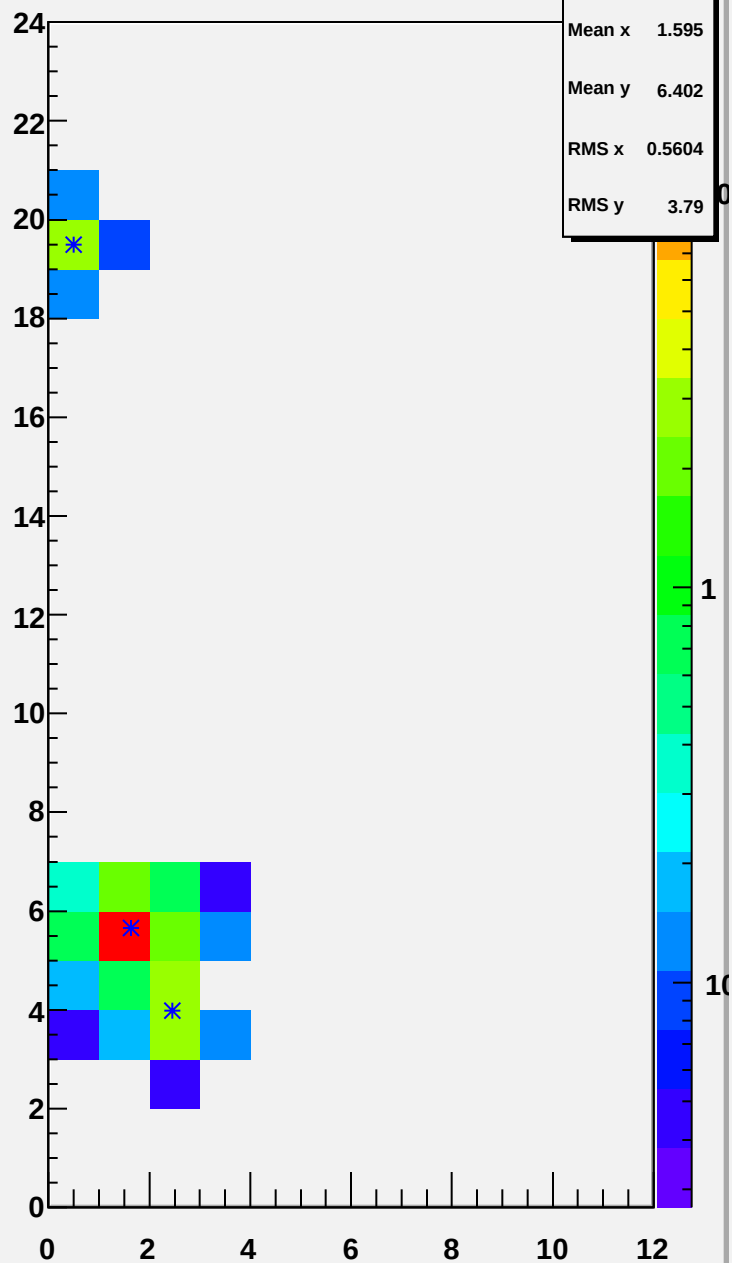
Efit

Entries	288
Mean x	2.502
Mean y	4.111
RMS x	0.3508
RMS y	0.6846

NSTB3_r4_c3_En=42.1_m0=0.143 m1=0.142 index=1999



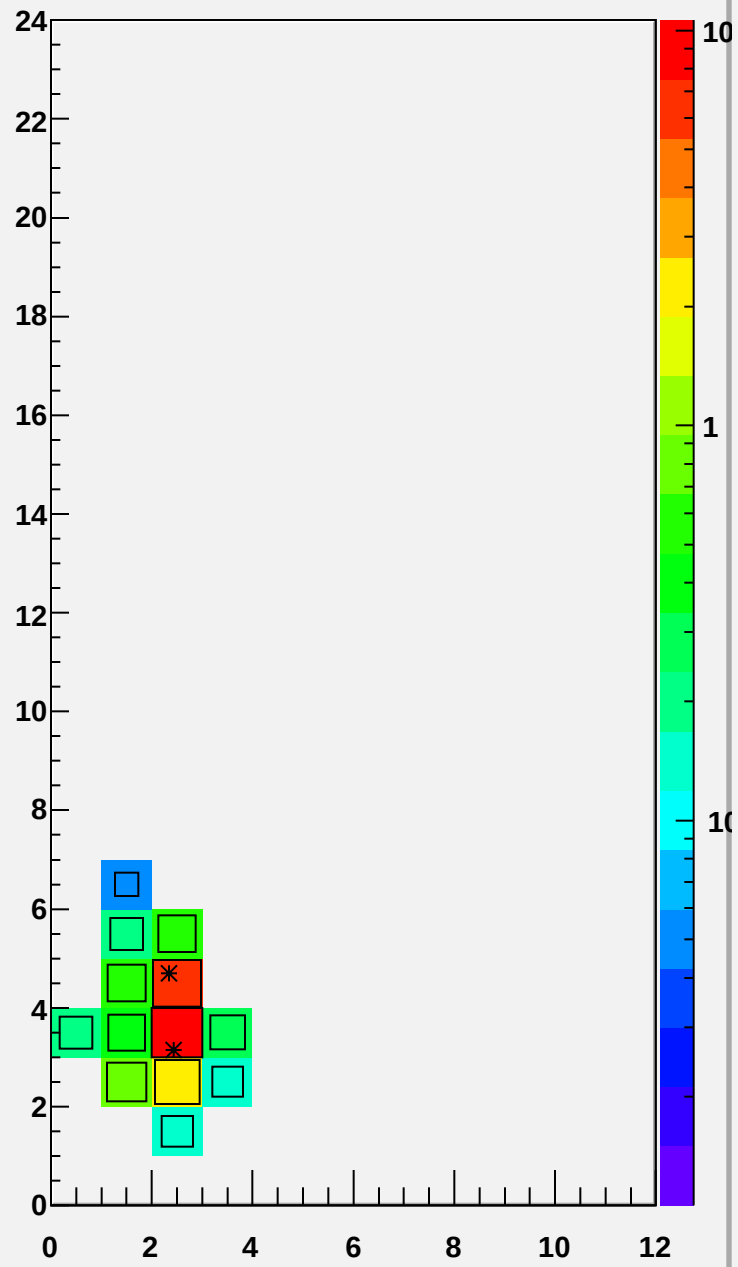
Fitted Energies



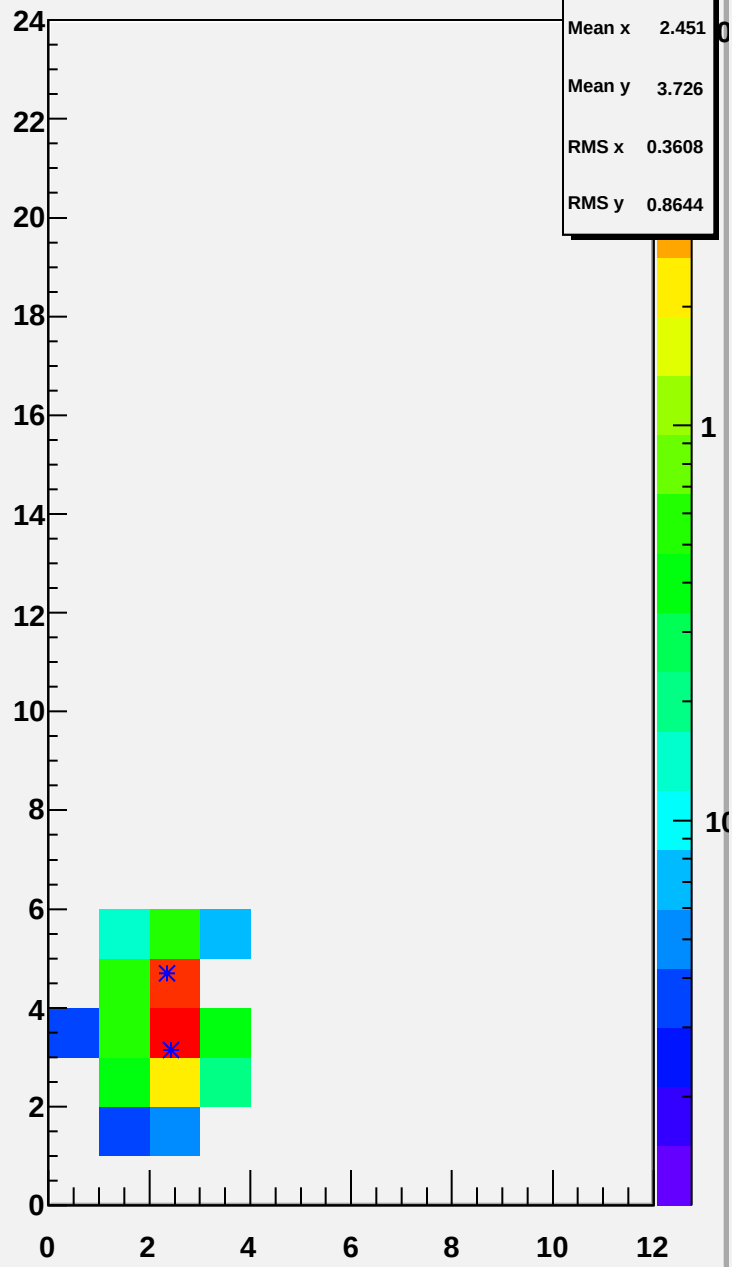
Efit

Entries	288
Mean x	1.595
Mean y	6.402
RMS x	0.5604
RMS y	3.79

NSTB3_r4_c3_En=21.5_m0=0.085 m1=0.085 index=2000



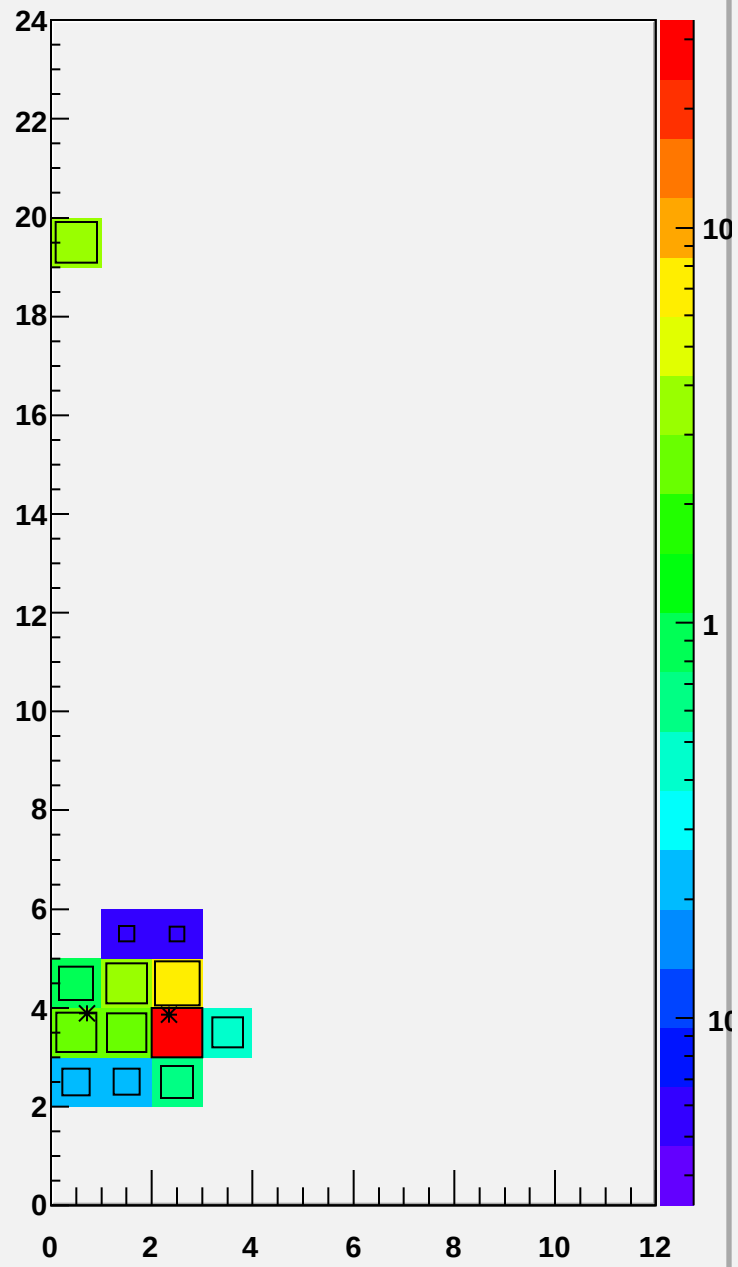
Fitted Energies



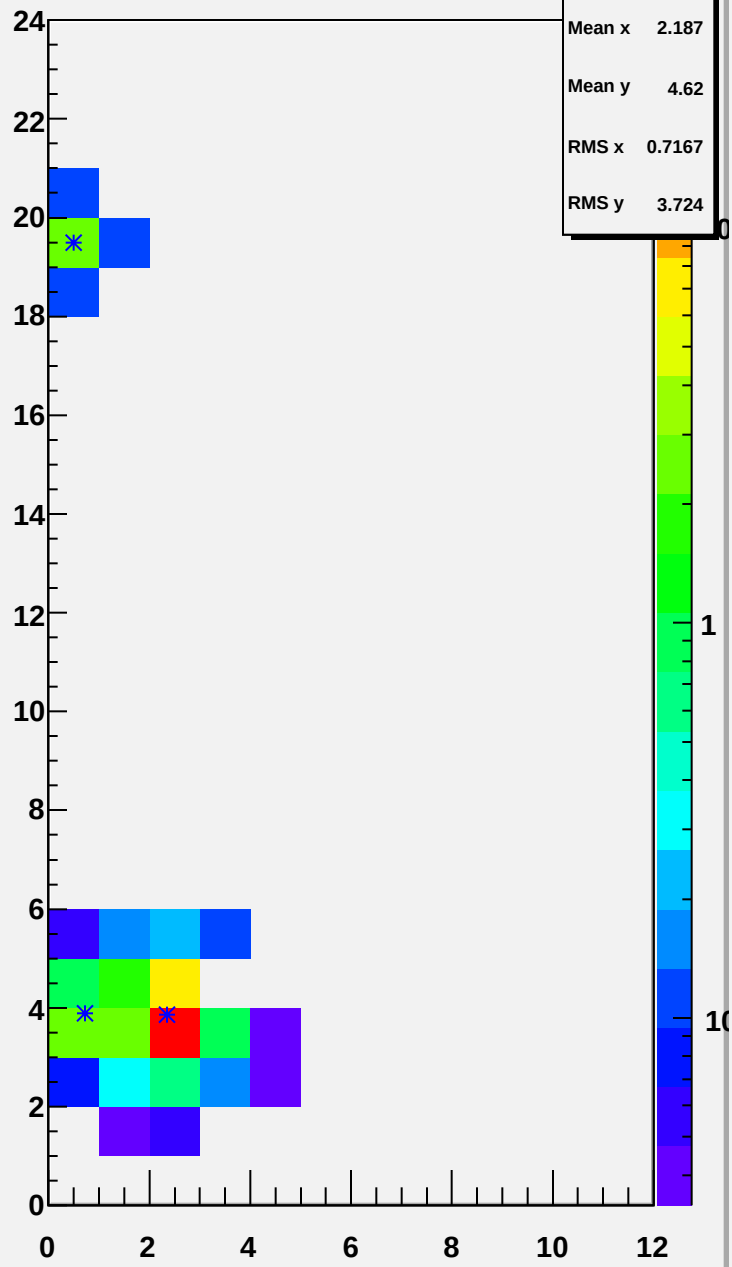
Efit

Entries	288
Mean x	2.451
Mean y	3.726
RMS x	0.3608
RMS y	0.8644

NSTB3_r4_c3_En=54.9_m0=0.120 m1=0.121 index=2001



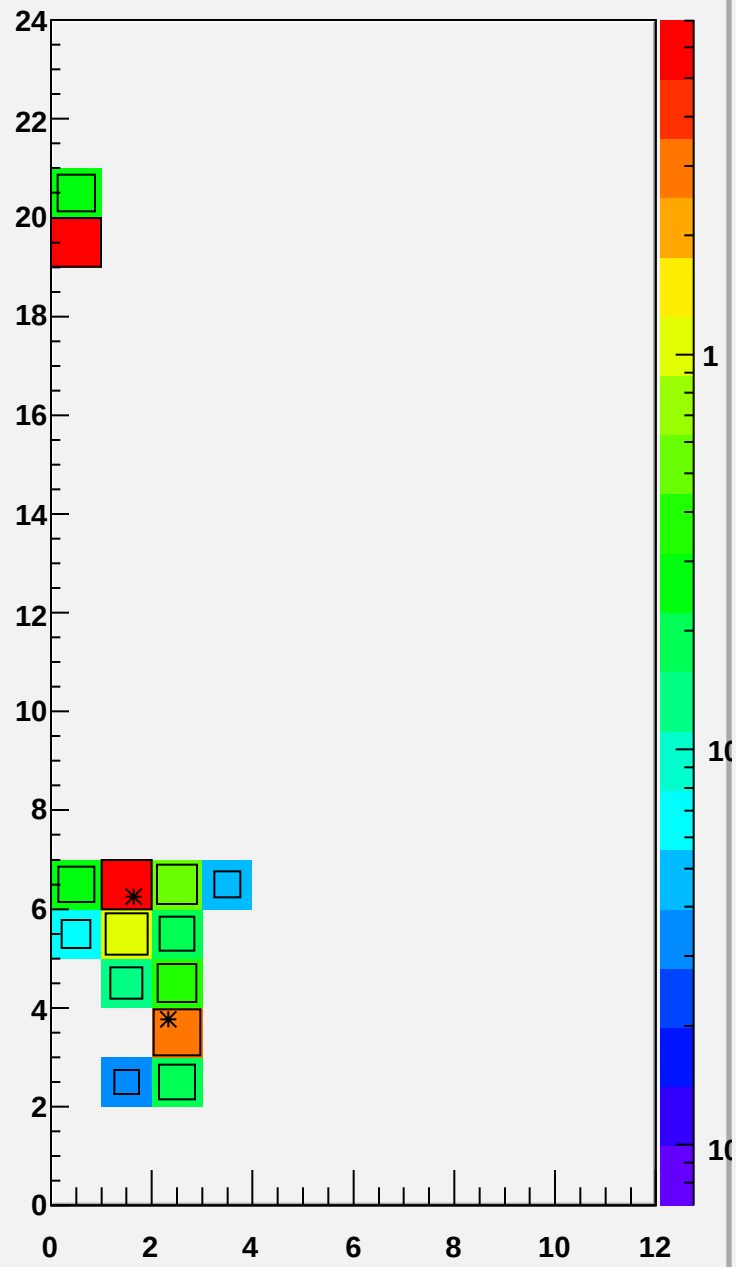
Fitted Energies



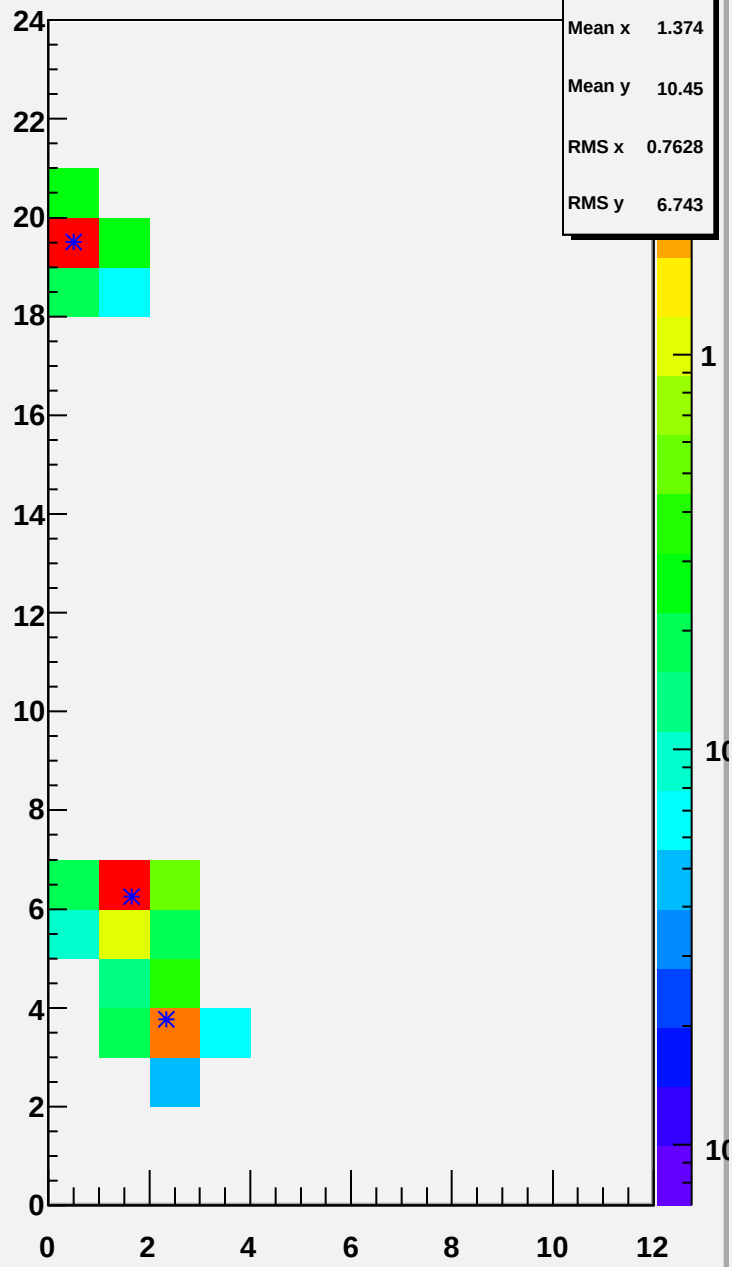
Efit

Entries	288
Mean x	2.187
Mean y	4.62
RMS x	0.7167
RMS y	3.724

NSTB3_r4_c3_En=19.7_m0=0.087 m1=0.087 index=2002

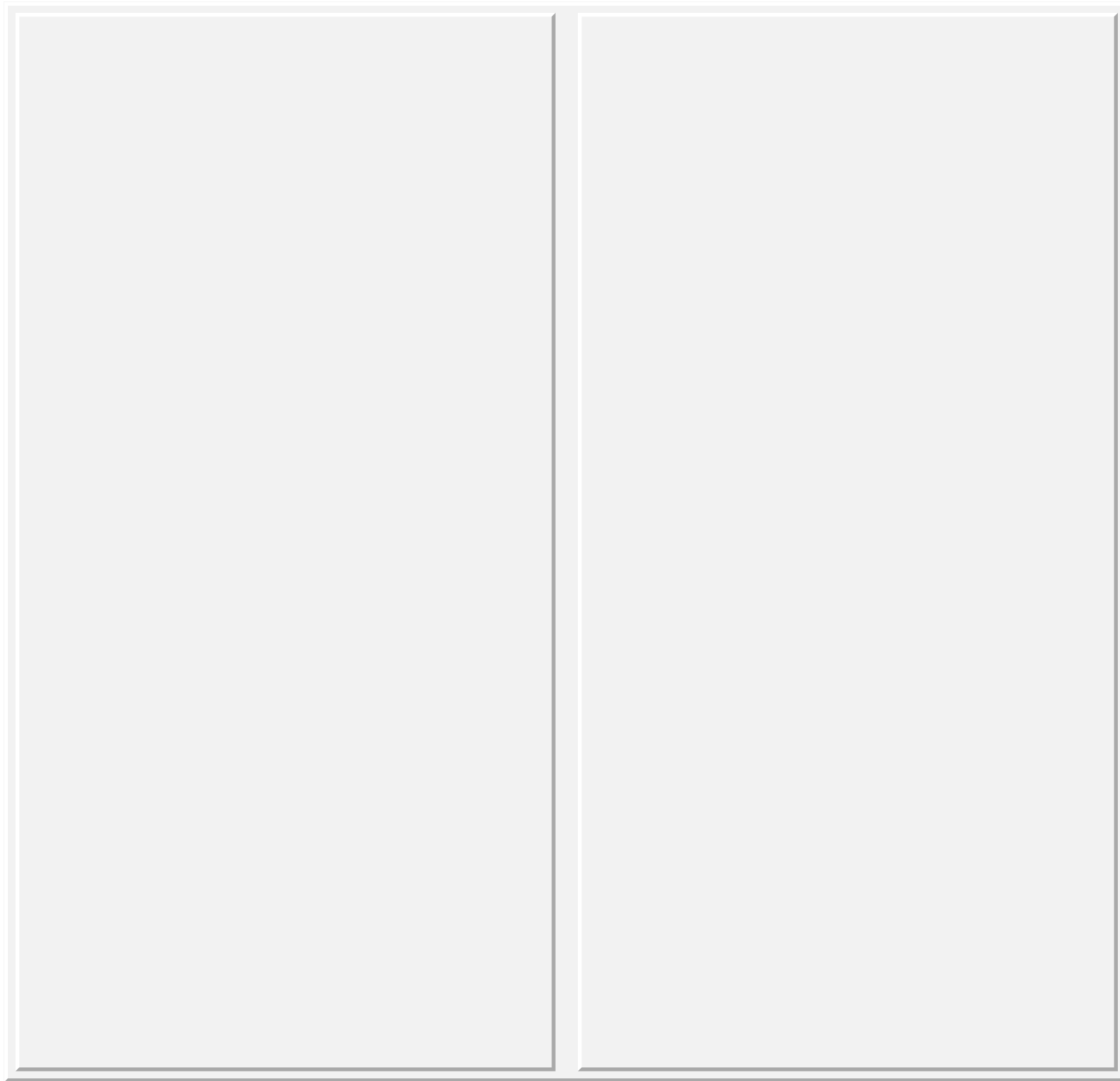


Fitted Energies

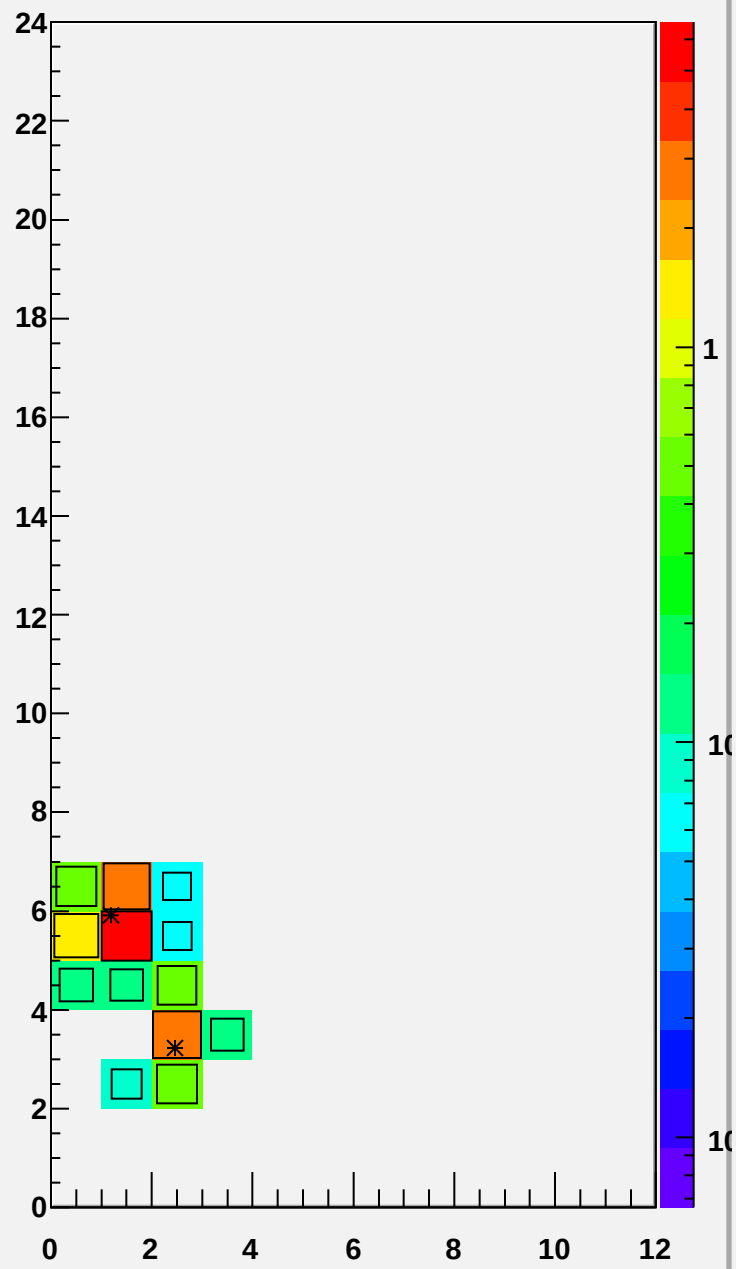


Efit

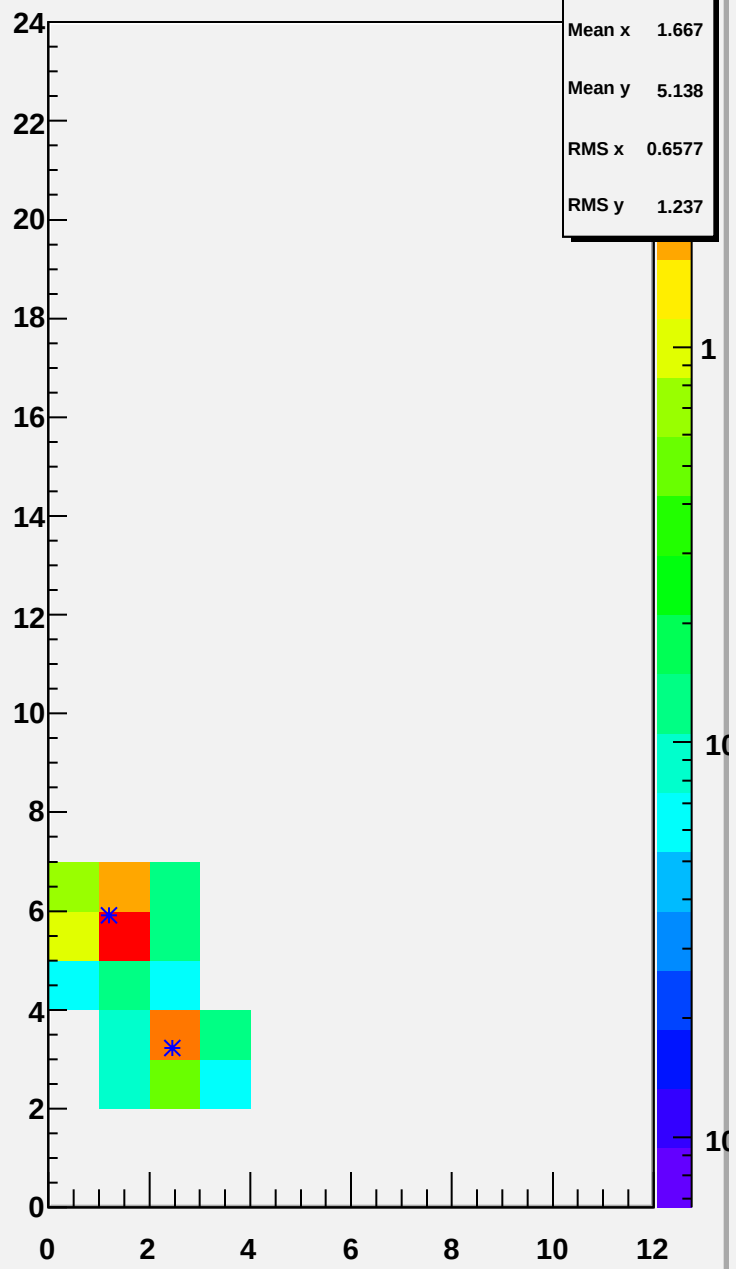
Entries	288
Mean x	1.374
Mean y	10.45
RMS x	0.7628
RMS y	6.743



NSTB3_r4_c3_En=15.6_m0=0.114 m1=0.114 index=2005



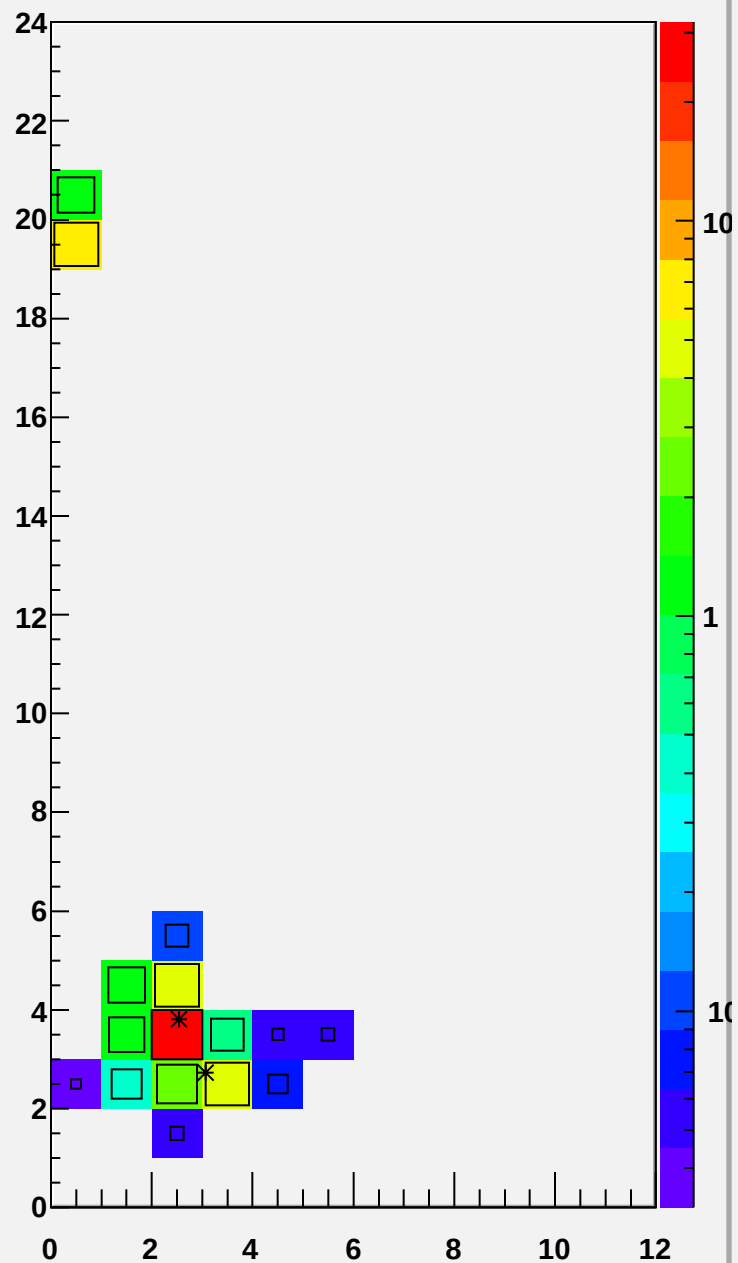
Fitted Energies



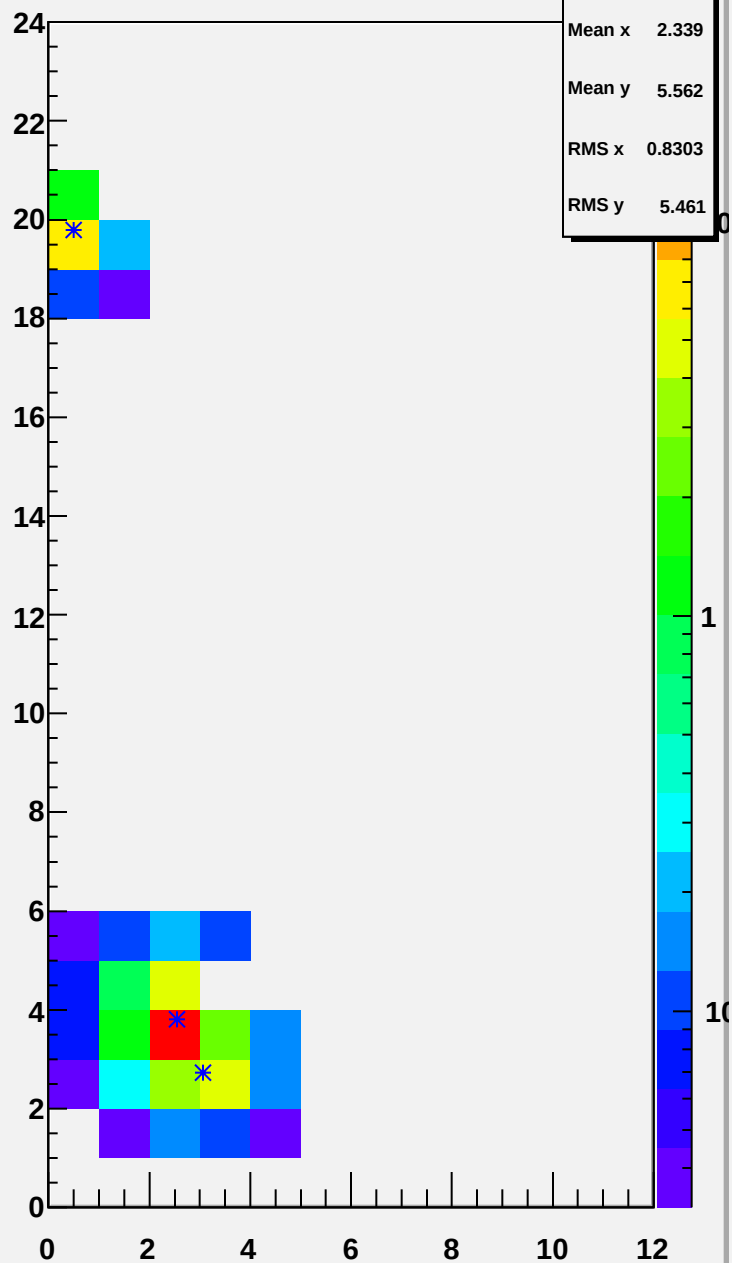
Efit

Entries	288
Mean x	1.667
Mean y	5.138
RMS x	0.6577
RMS y	1.237

NSTB3_r4_c3_En=56.2_m0=0.130_m1=0.130_index=2007



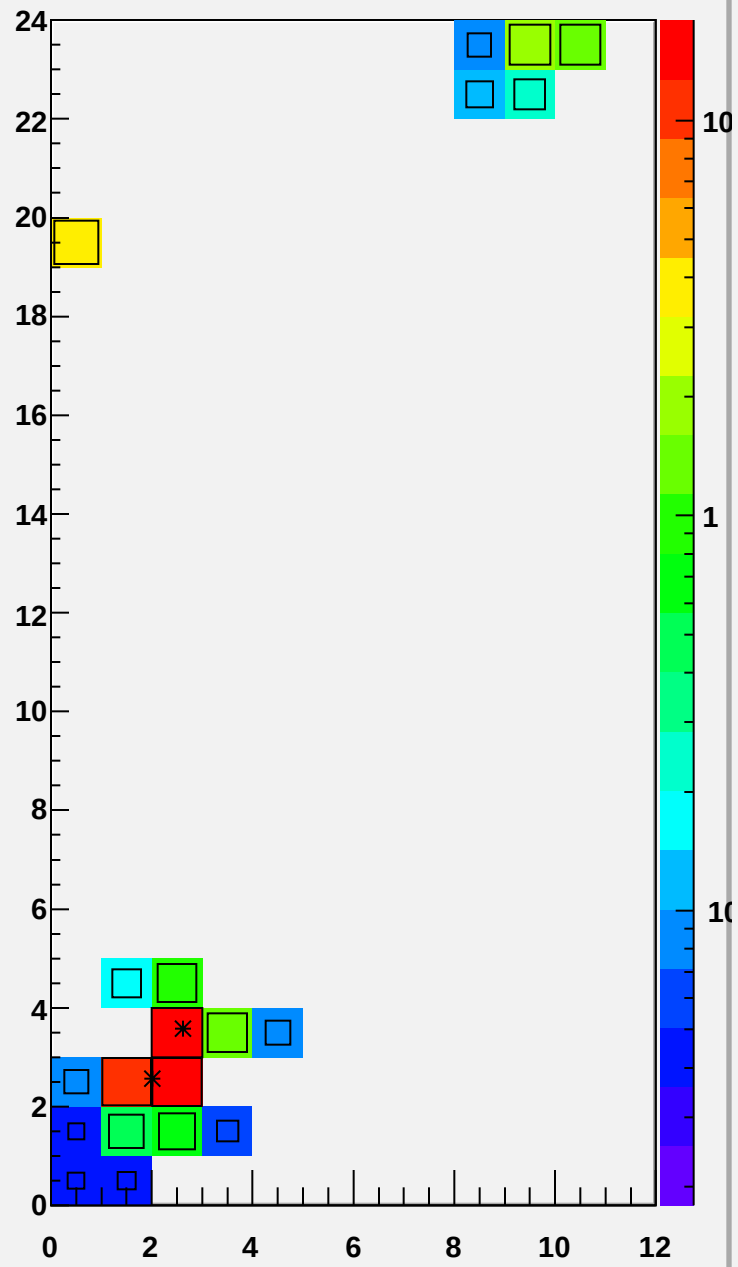
Fitted Energies



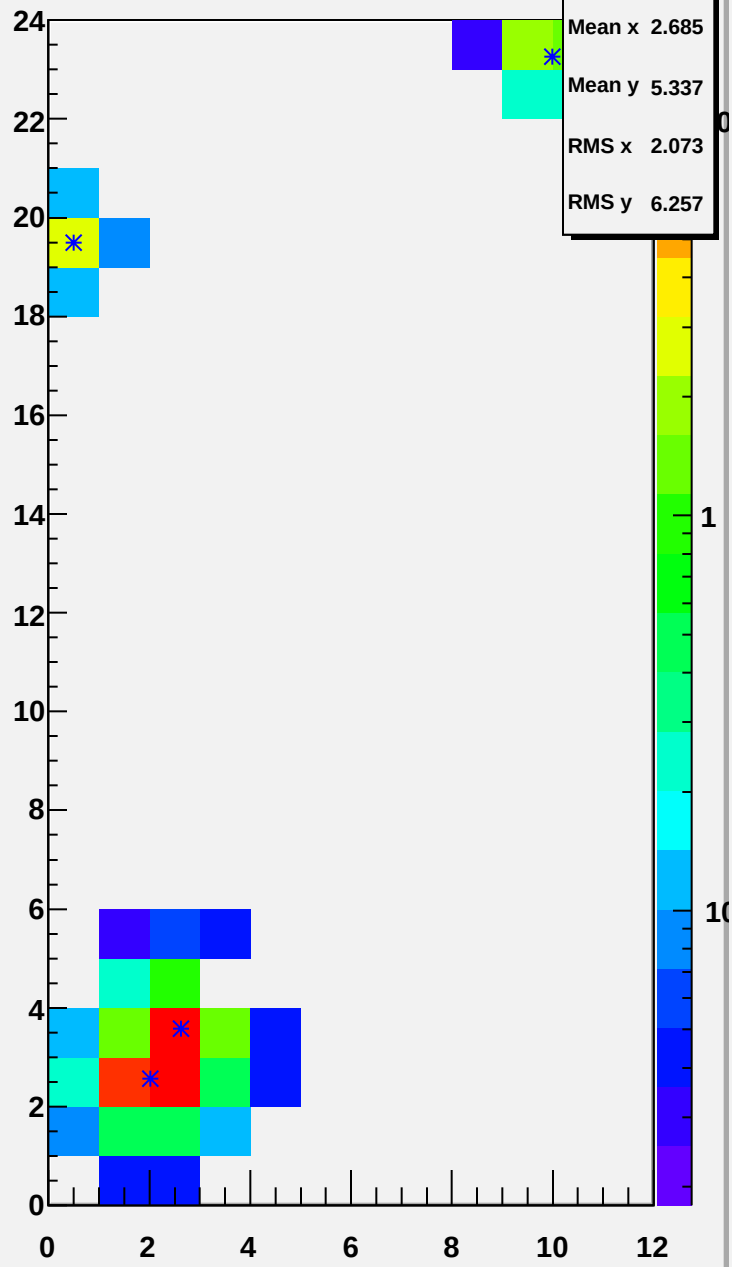
Efit

Entries	288
Mean x	2.339
Mean y	5.562
RMS x	0.8303
RMS y	5.461

NSTB3_r4_c3_En=51.7_m0=0.150 m1=0.151 index=2008



Fitted Energies



Efit

Entries 288

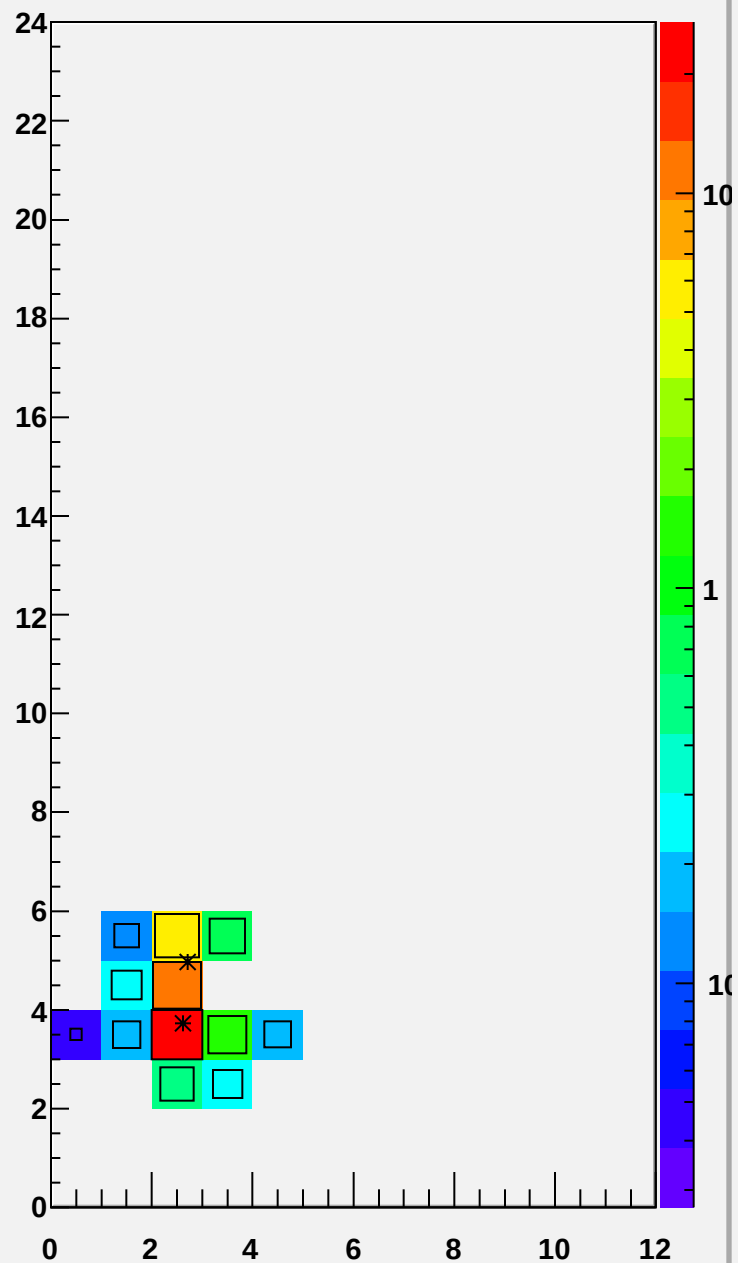
Mean x 2.685

Mean y 5.337

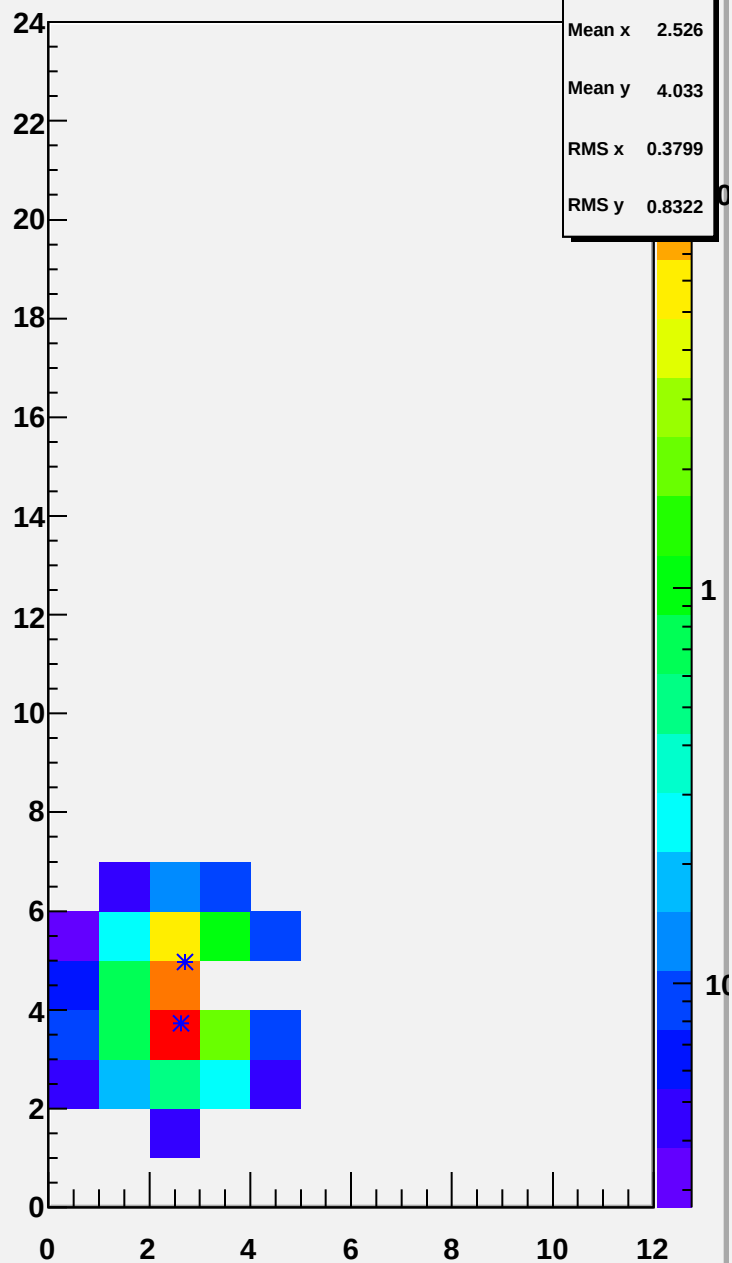
RMS x 2.073

RMS y 6.257

NSTB3_r4_c3_En=49.1_m0=0.170 m1=0.170 index=2012



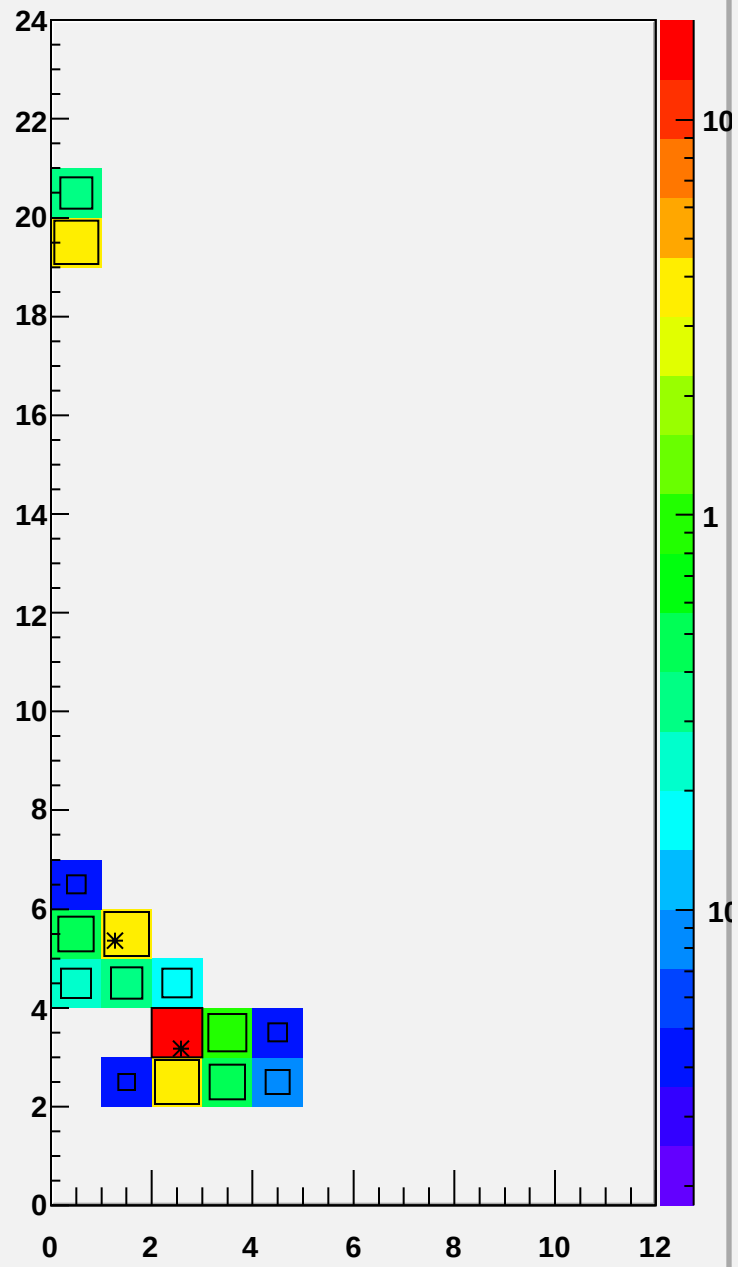
Fitted Energies



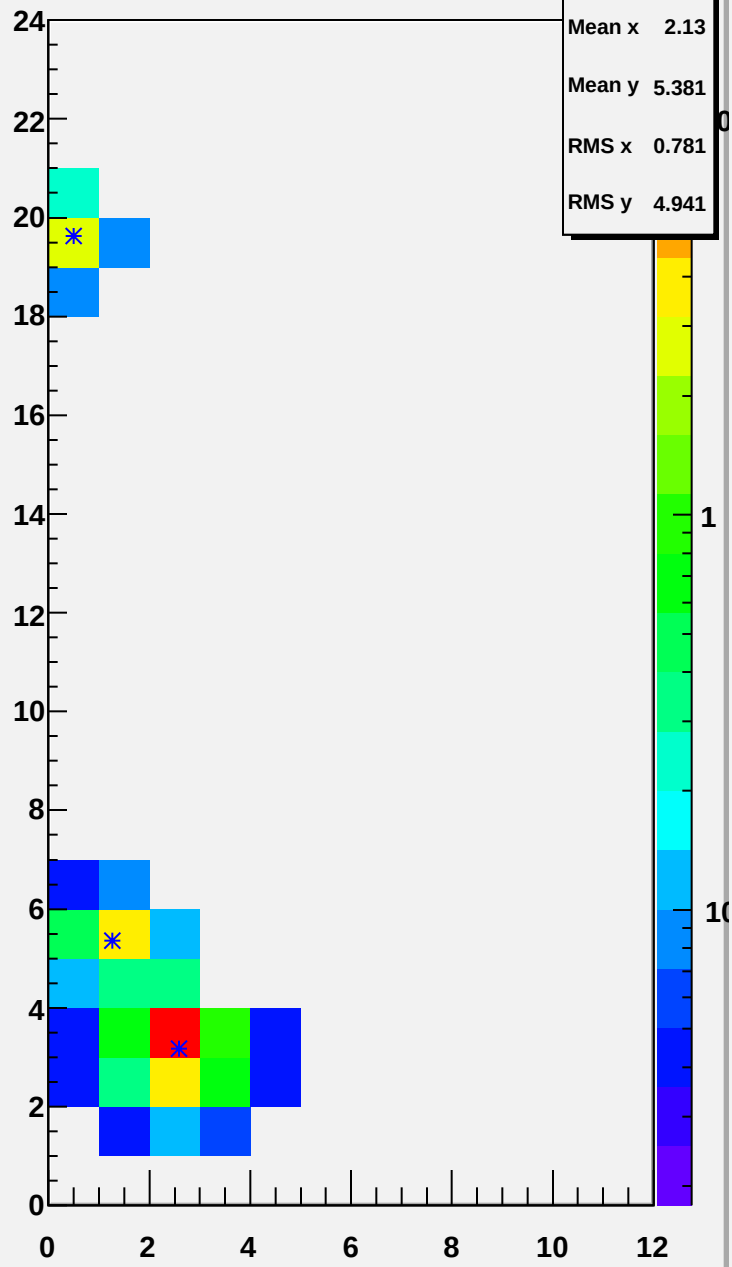
Efit

Entries	288
Mean x	2.526
Mean y	4.033
RMS x	0.3799
RMS y	0.8322

NSTB3_r4_c3_En=32.4_m0=0.168 m1=0.168 index=2013



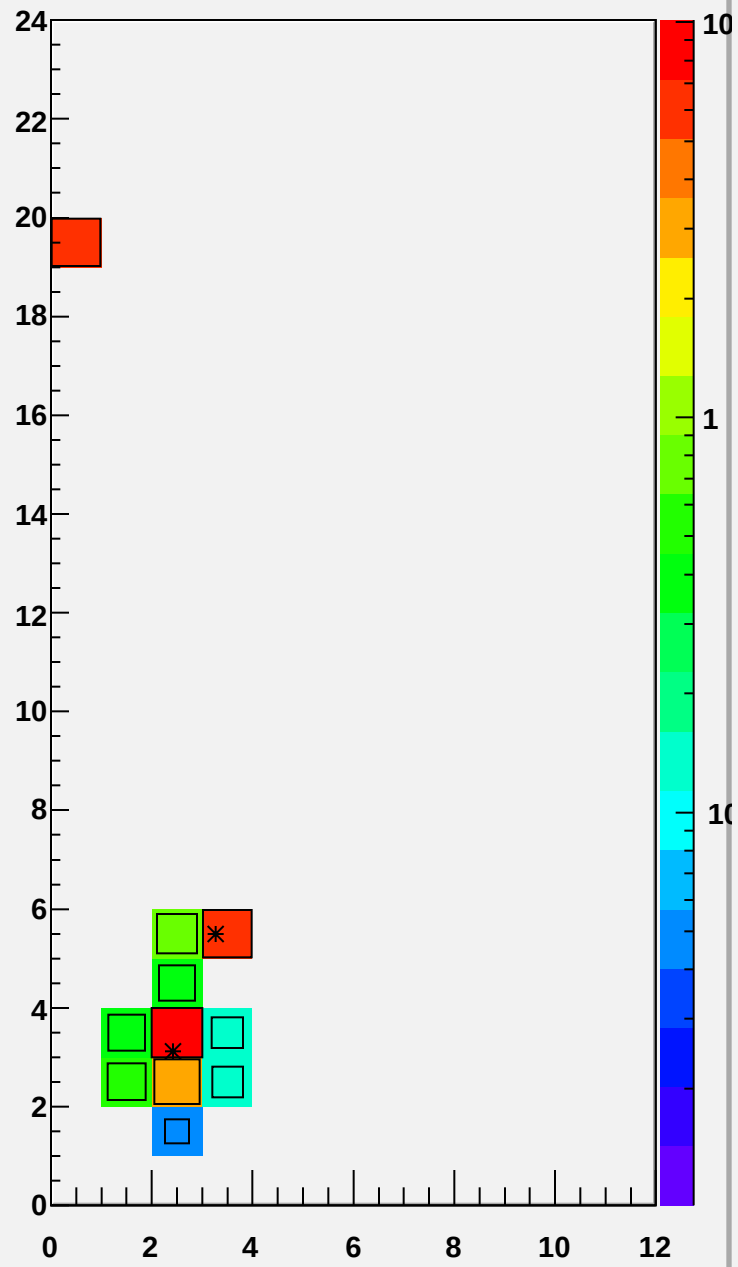
Fitted Energies



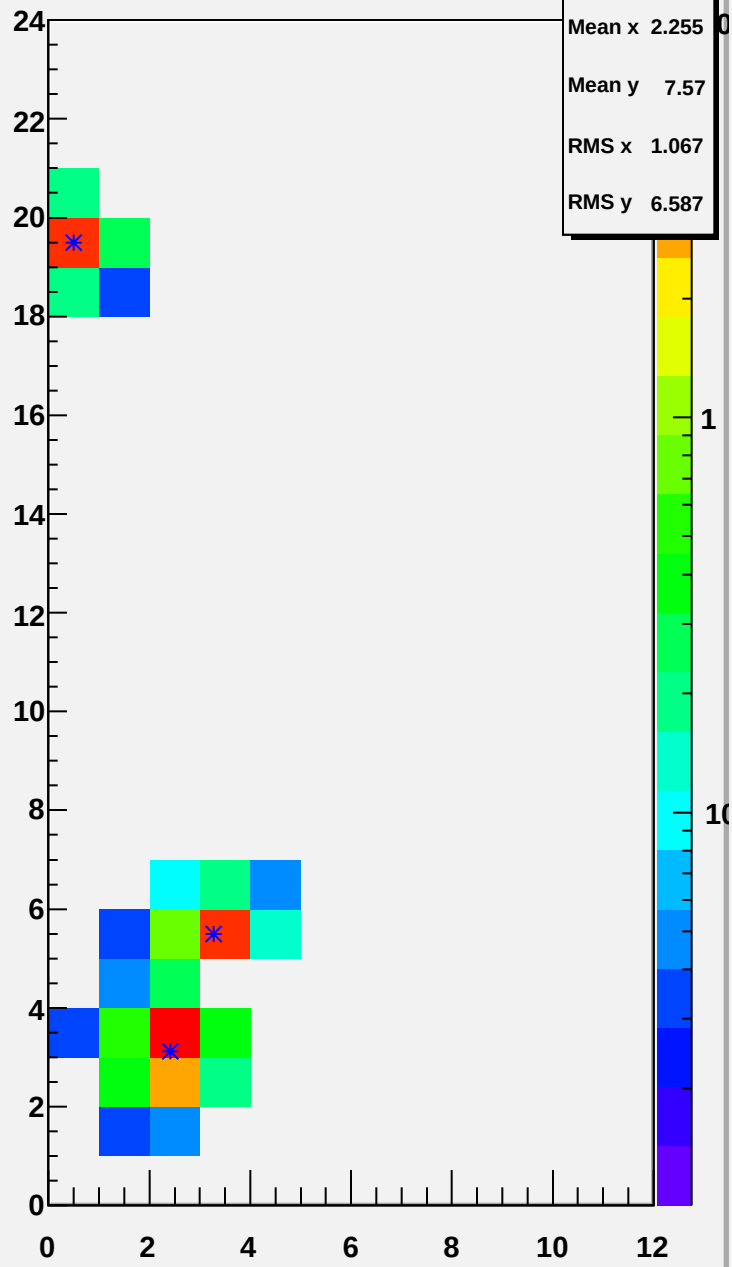
Efit

Entries 288
Mean x 2.13
Mean y 5.381
RMS x 0.781
RMS y 4.941

NSTB3_r4_c3_En=27.9_m0=0.148 m1=0.148 index=2015



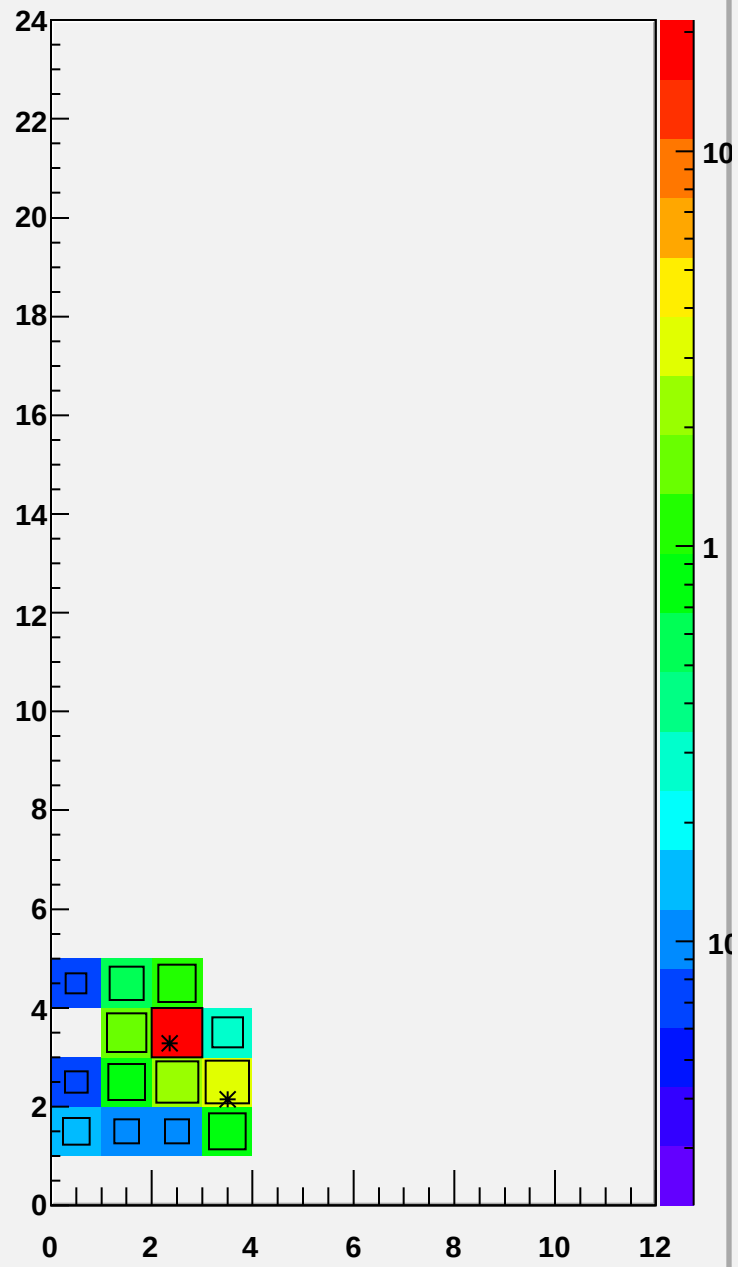
Fitted Energies



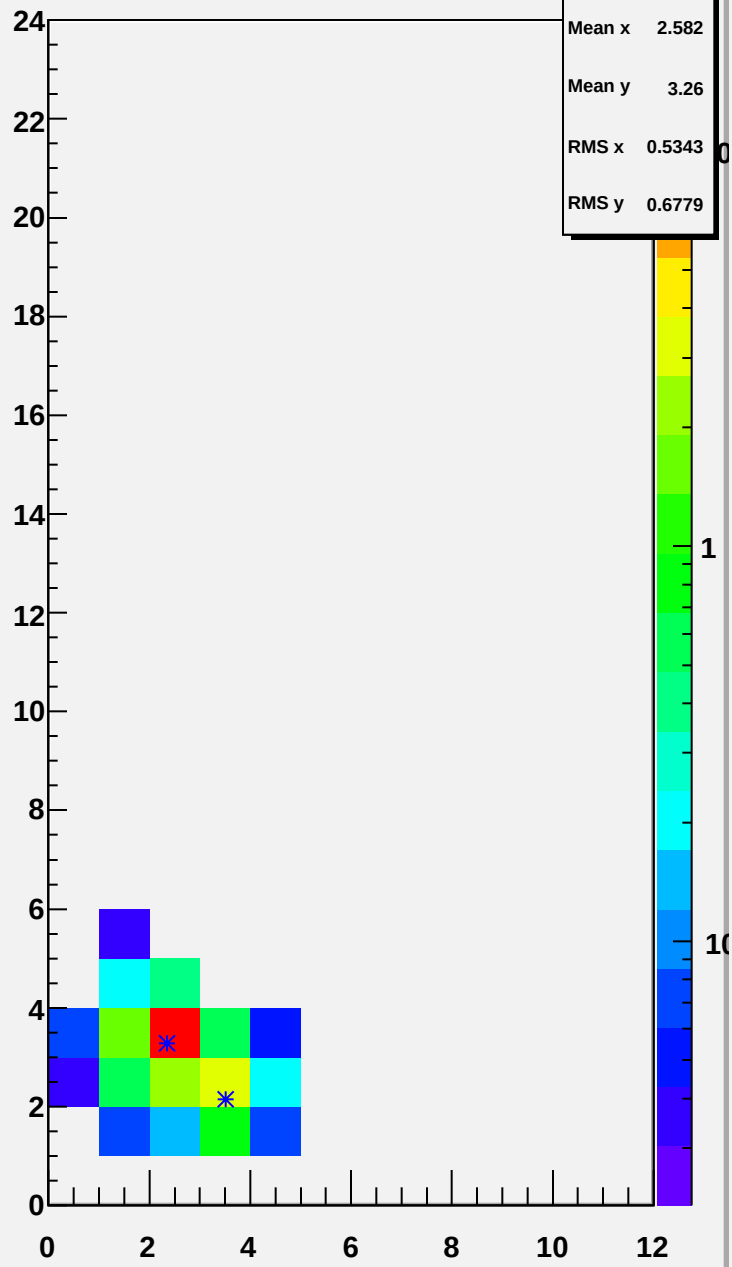
Efit

Entries 288
Mean x 2.255
Mean y 7.57
RMS x 1.067
RMS y 6.587

NSTB3_r4_c3_En=32.9_m0=0.100 m1=0.100 index=2016



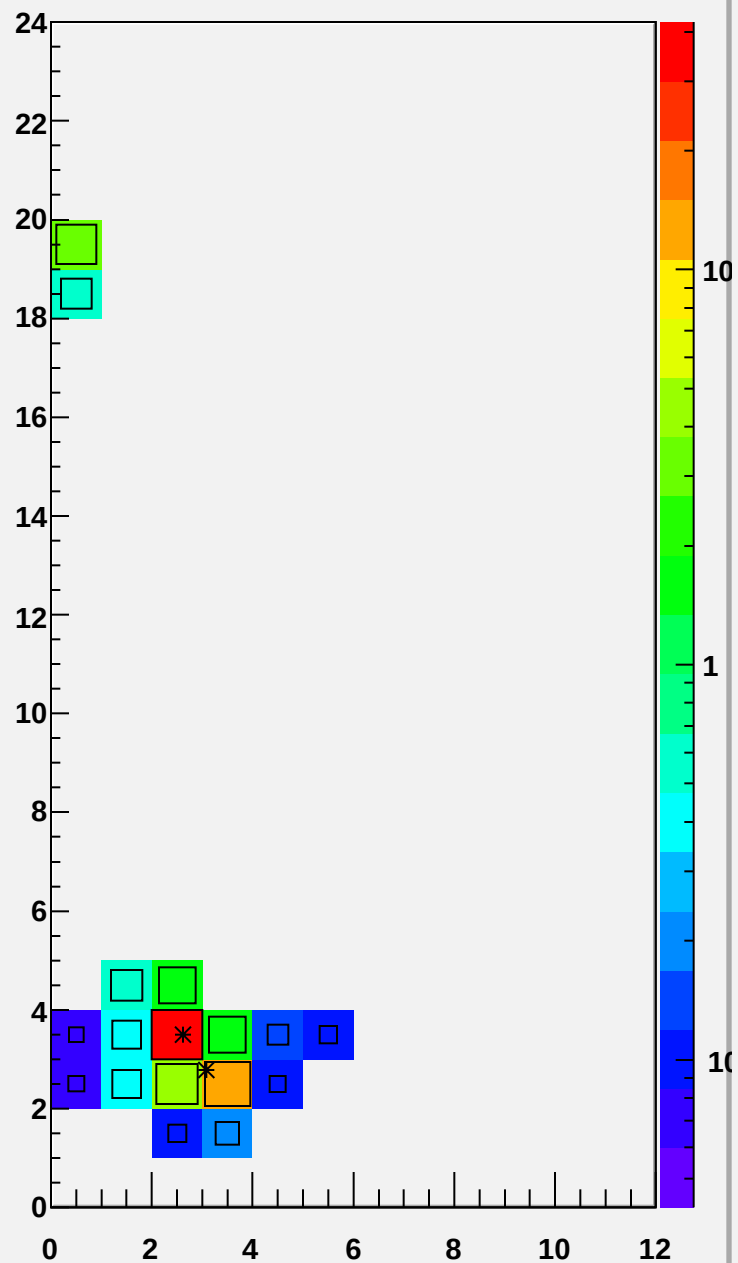
Fitted Energies



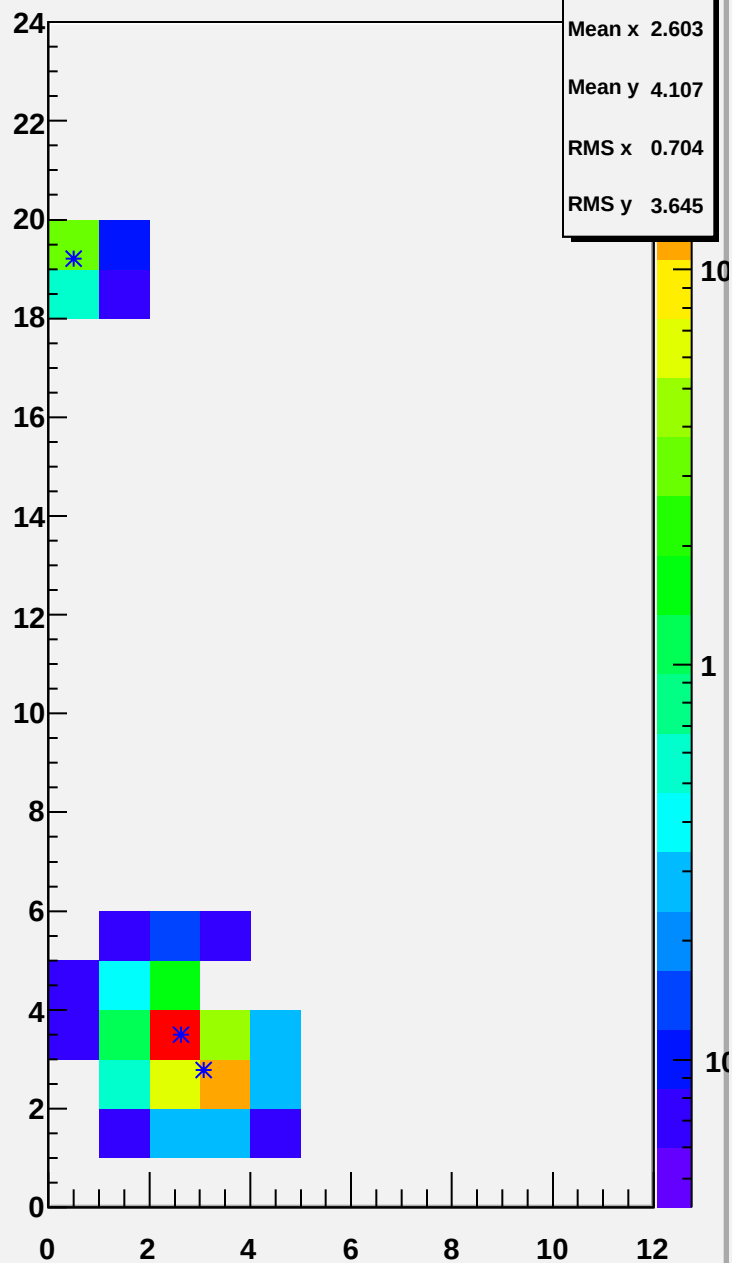
Efit

Entries	288
Mean x	2.582
Mean y	3.26
RMS x	0.5343
RMS y	0.6779

NSTB3_r4_c3_En=66.6_m0=0.142 m1=0.143 index=2017



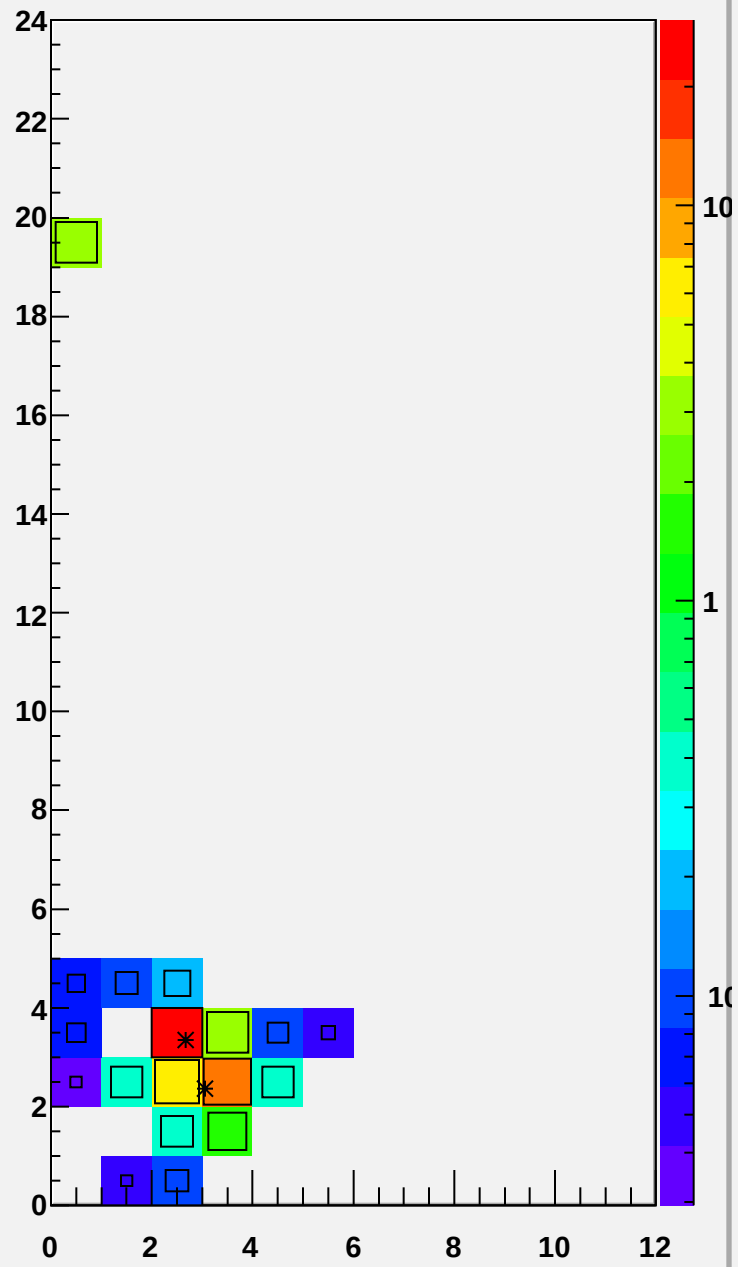
Fitted Energies



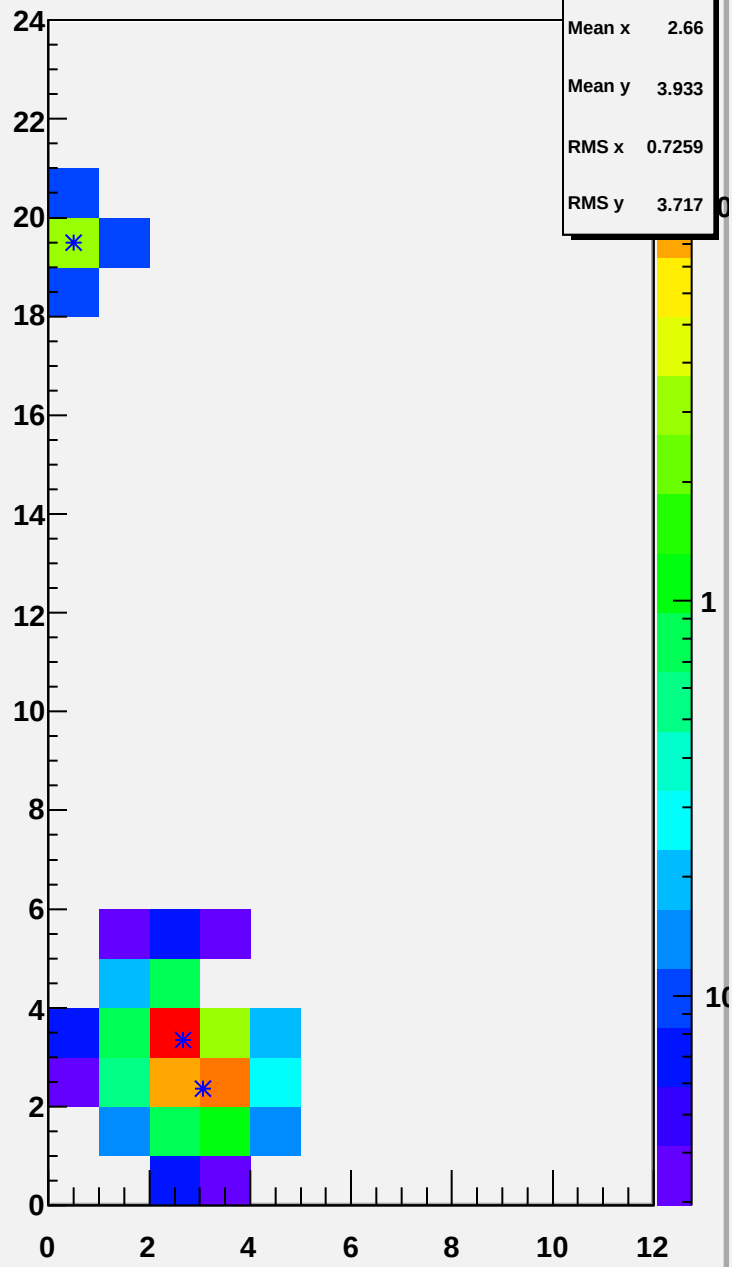
Efit

Entries 288
Mean x 2.603
Mean y 4.107
RMS x 0.704
RMS y 3.645

NSTB3_r4_c3_En=57.1_m0=0.161 m1=0.160 index=2018



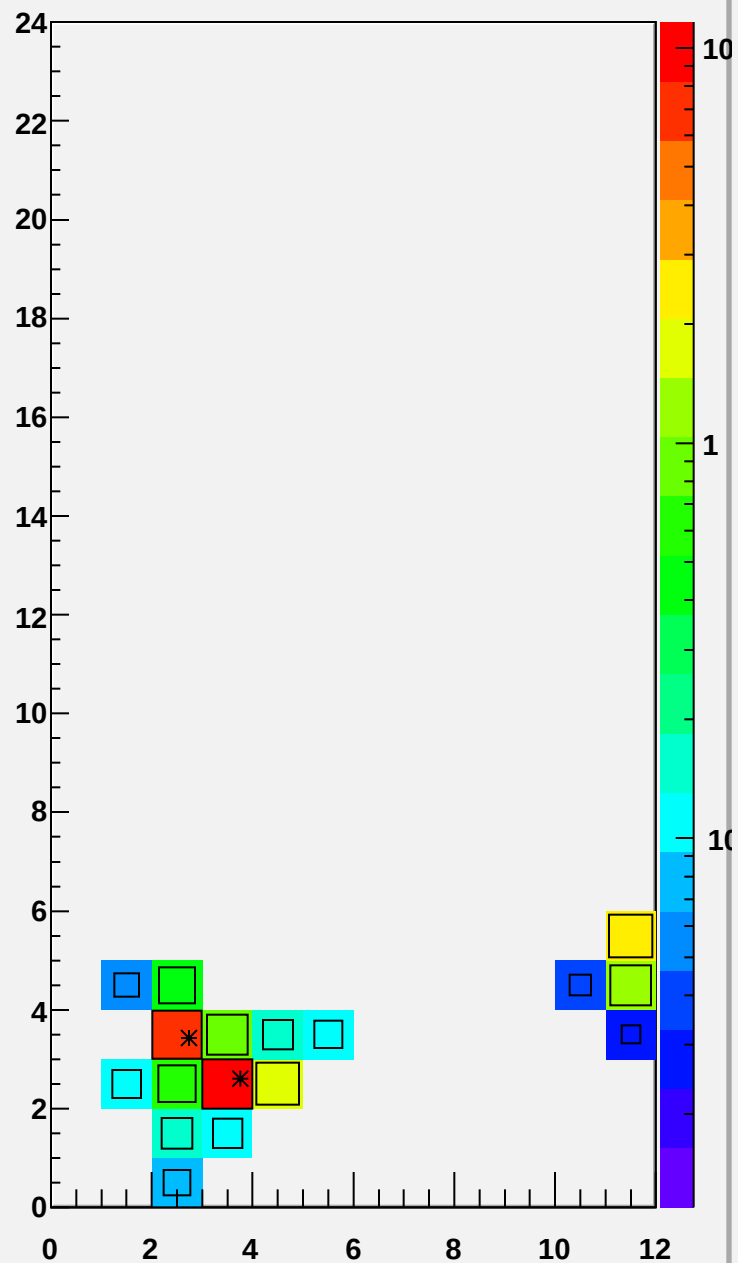
Fitted Energies



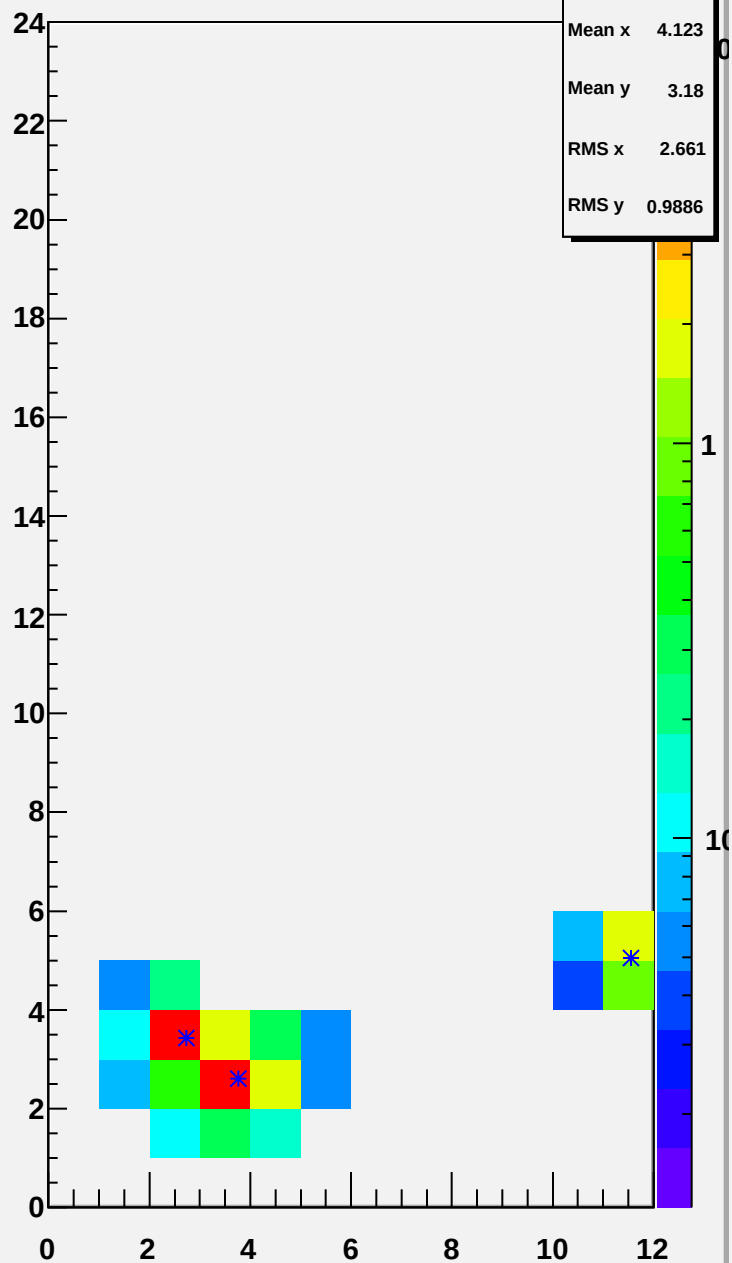
Efit

Entries	288
Mean x	2.66
Mean y	3.933
RMS x	0.7259
RMS y	3.717

NSTB3_r4_c3_En=27.5_m0=0.091 m1=0.091 index=2021



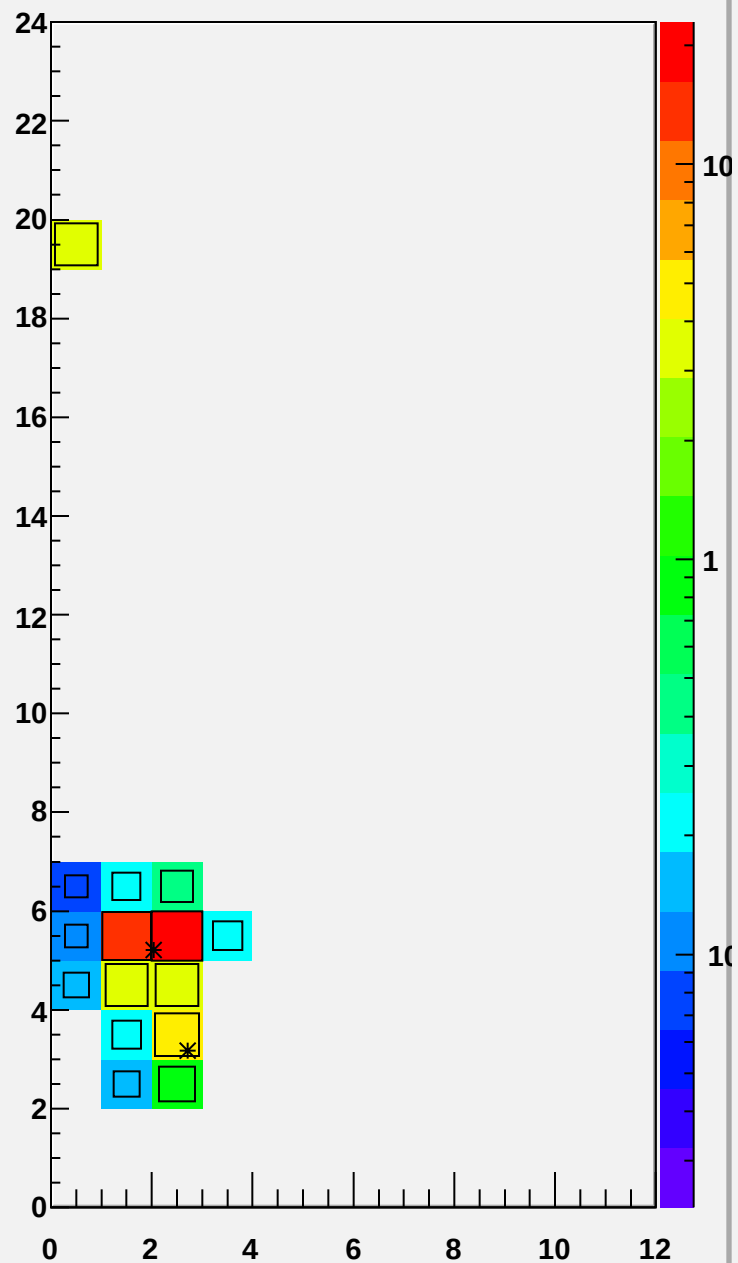
Fitted Energies



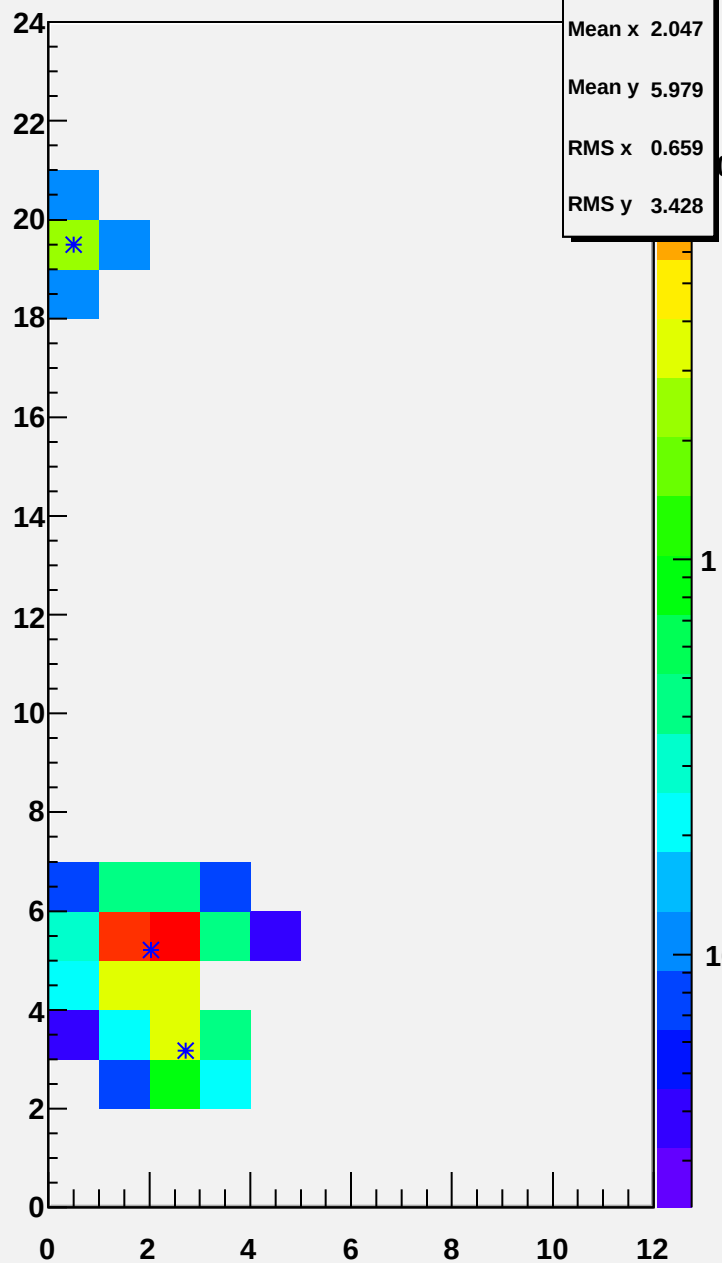
Efit

Entries	288
Mean x	4.123
Mean y	3.18
RMS x	2.661
RMS y	0.9886

NSTB3_r4_c3_En=54.4_m0=0.191 m1=0.190 index=2022



Fitted Energies



Efit

Entries 288

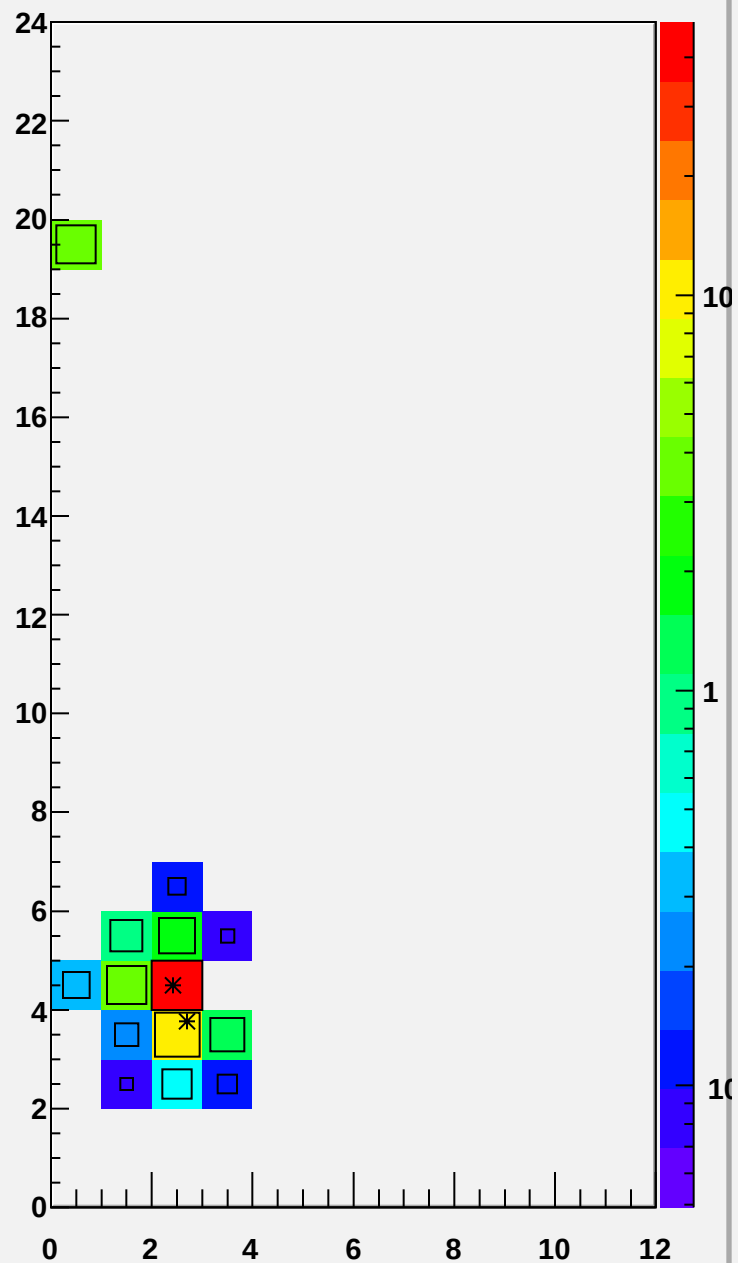
Mean x 2.047

Mean y 5.979

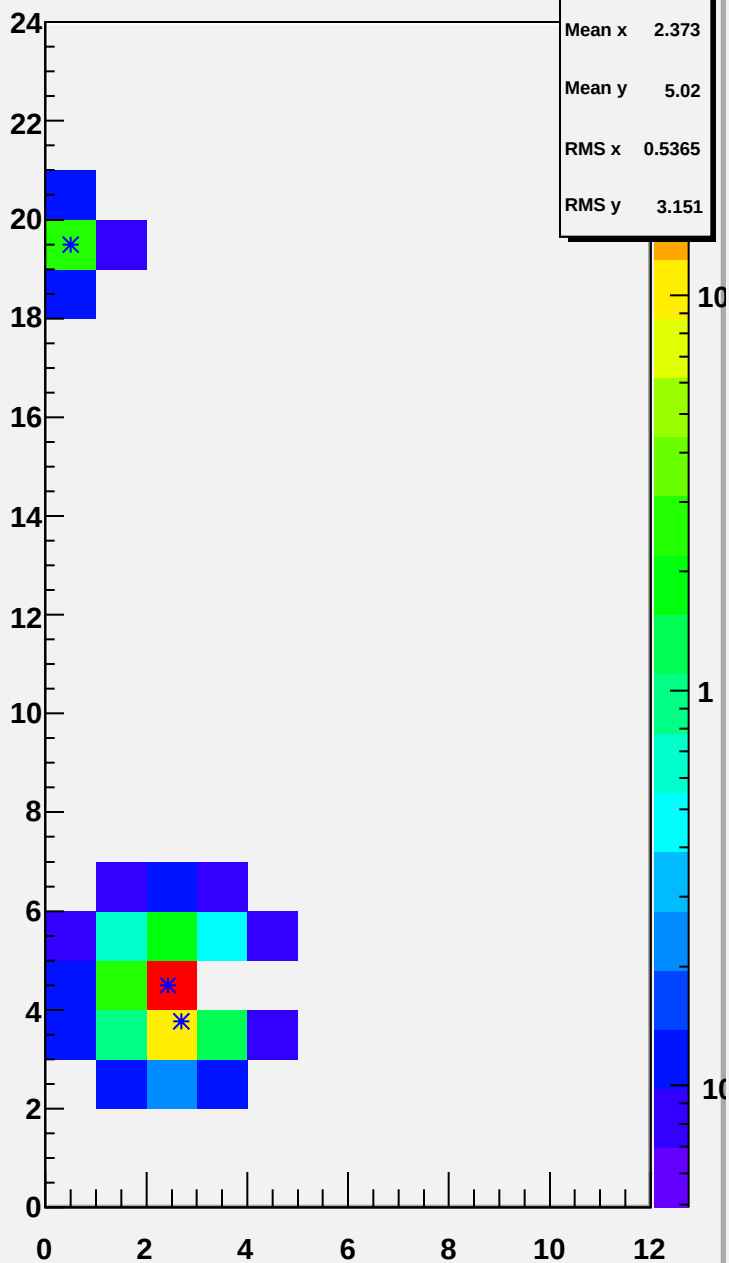
RMS x 0.659

RMS y 3.428

NSTB3_r4_c3_En=72.1_m0=0.112 m1=0.112 index=2023



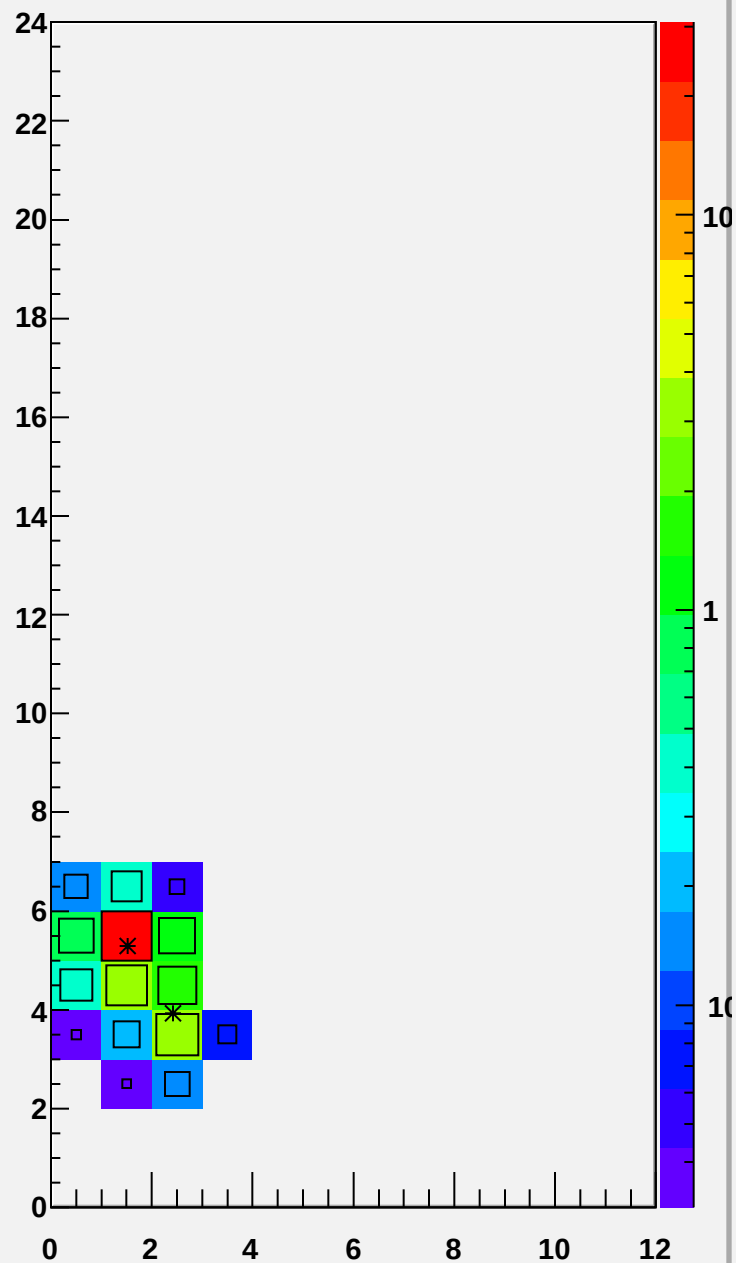
Fitted Energies



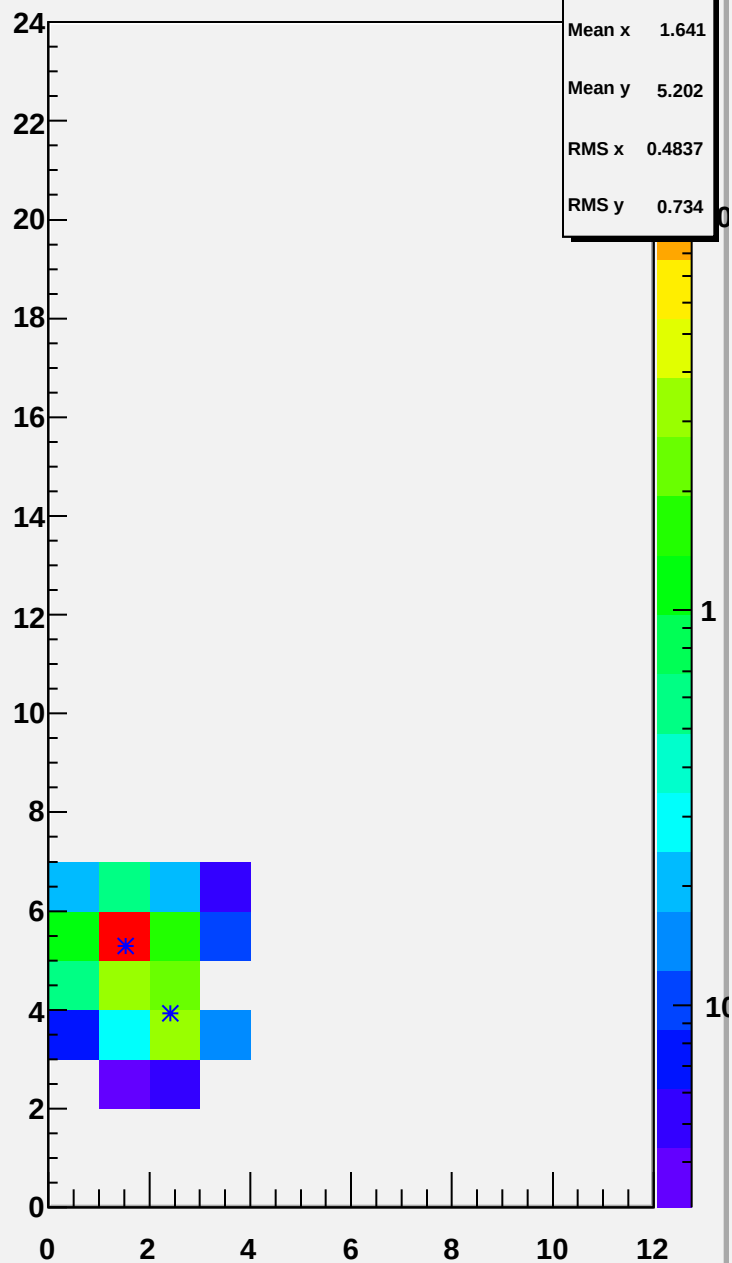
Efit

Entries	288
Mean x	2.373
Mean y	5.02
RMS x	0.5365
RMS y	3.151

NSTB3_r4_c3_En=42.3_m0=0.137 m1=0.137 index=2024



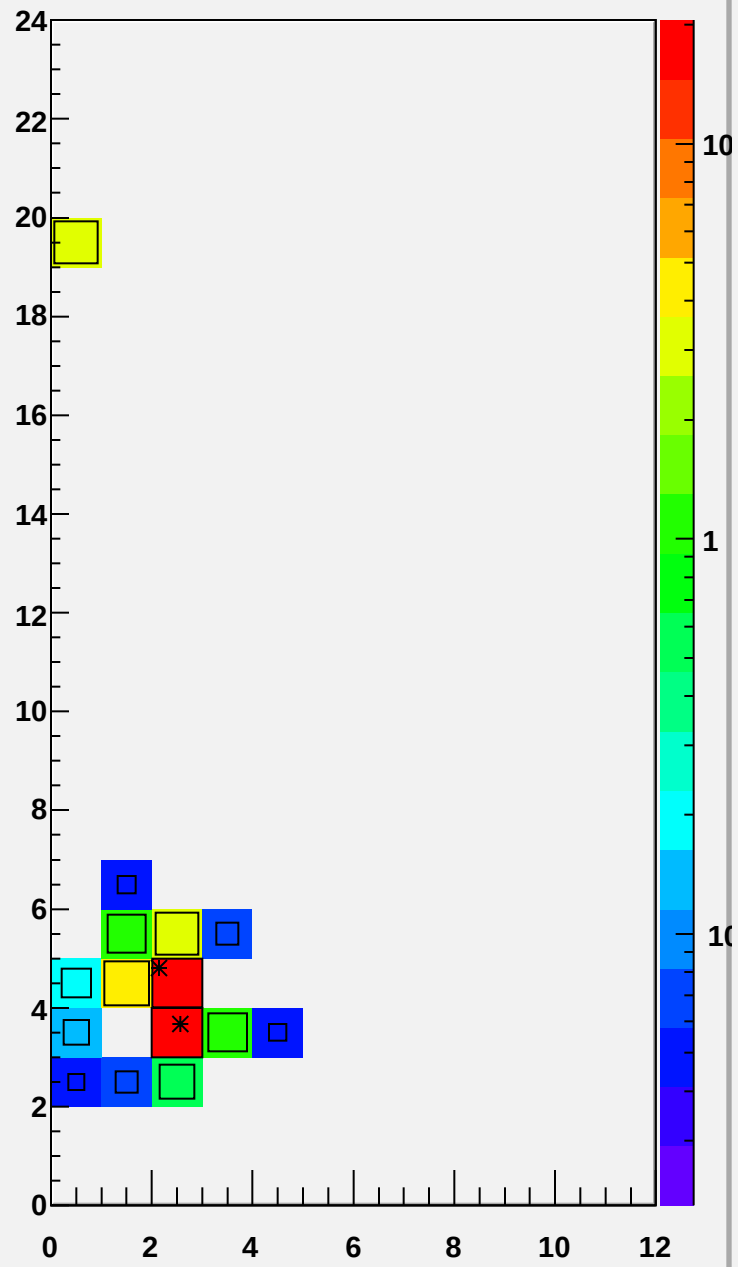
Fitted Energies



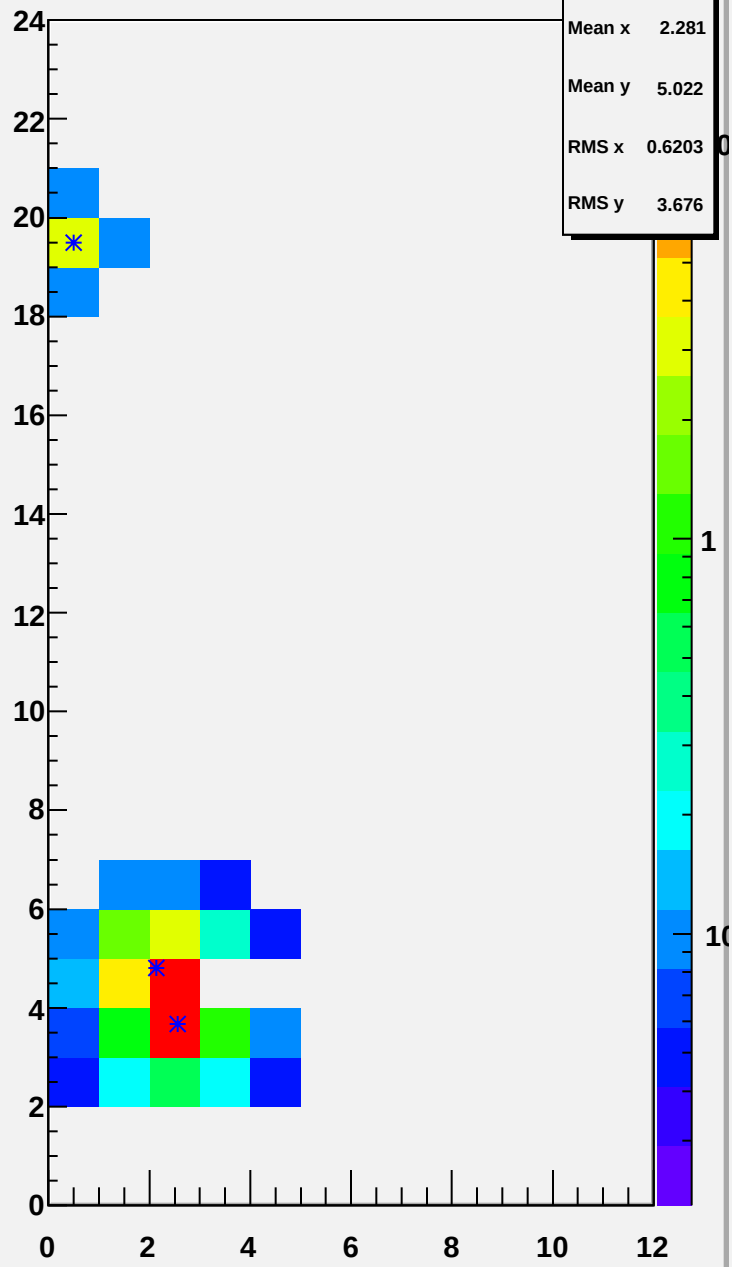
Efit

Entries	288
Mean x	1.641
Mean y	5.202
RMS x	0.4837
RMS y	0.734

NSTB3_r4_c3_En=53.2_m0=0.170 m1=0.170 index=2025



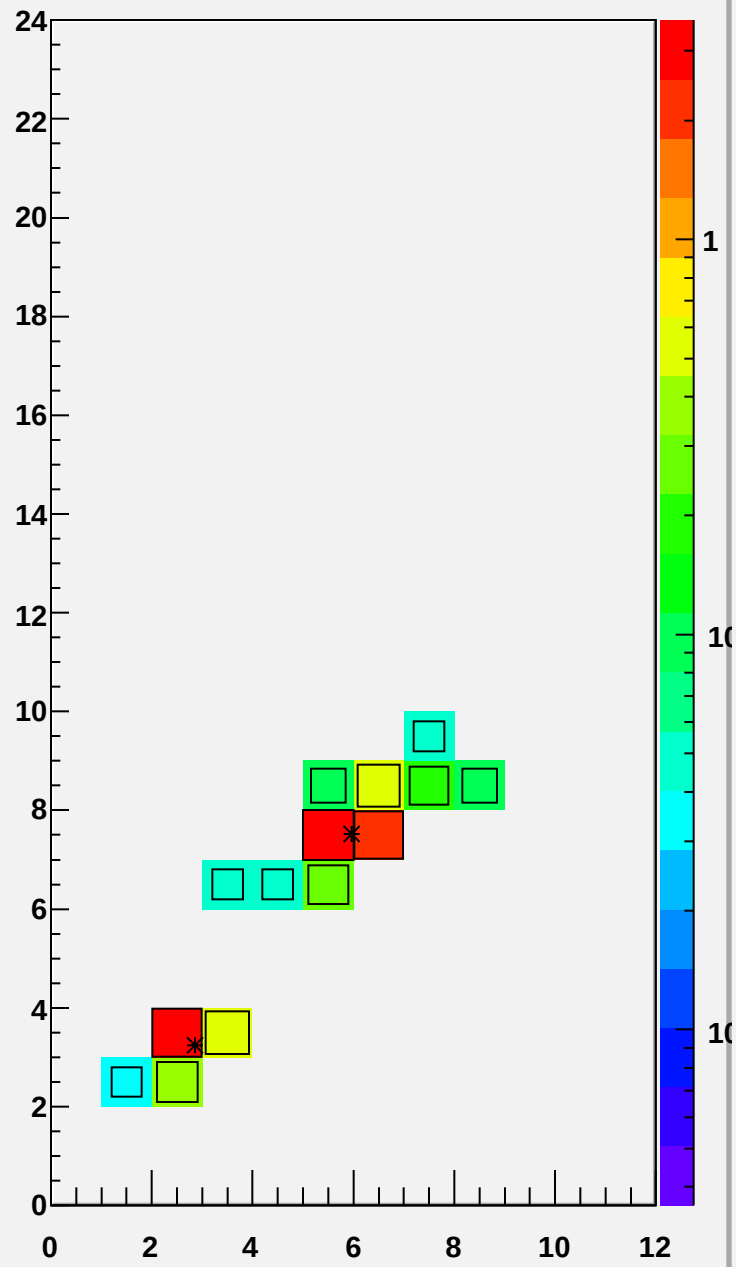
Fitted Energies



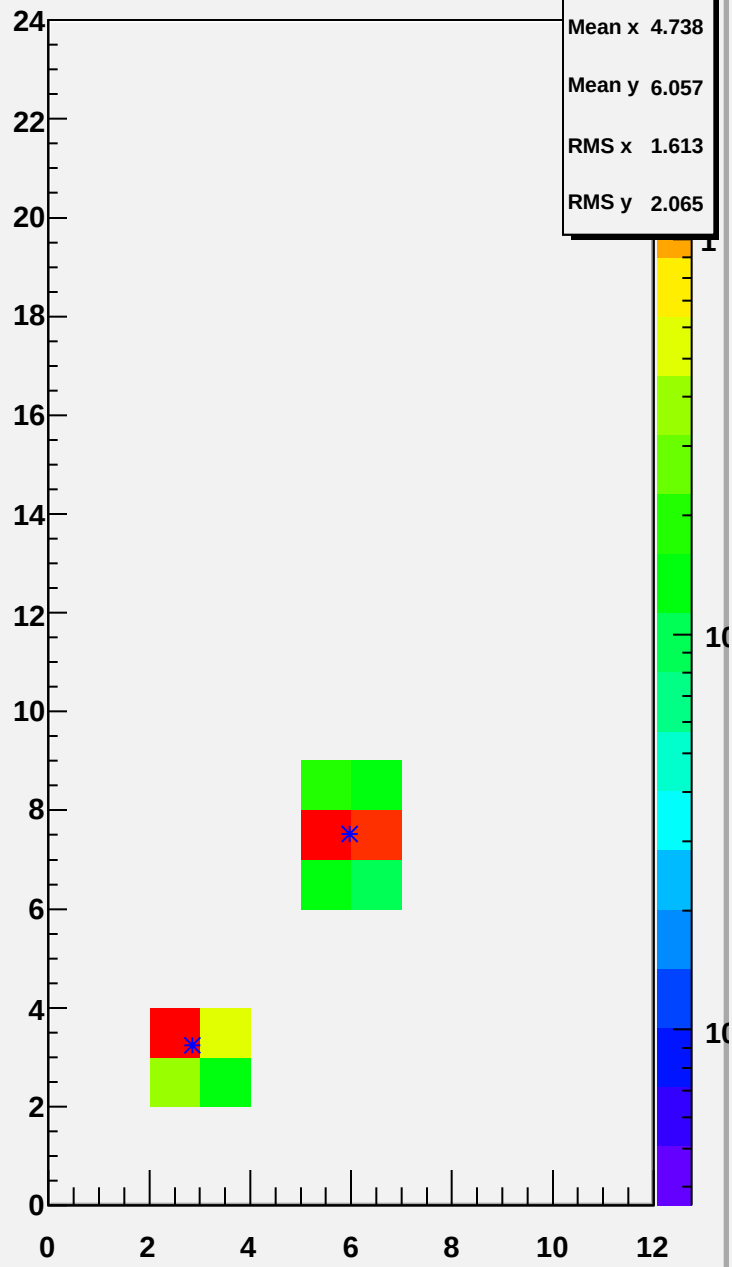
Efit

Entries	288
Mean x	2.281
Mean y	5.022
RMS x	0.6203
RMS y	3.676

NSTB3_r4_c3_En=10.8_m0=0.150 m1=0.150 index=2026



Fitted Energies



Efit

Entries 288

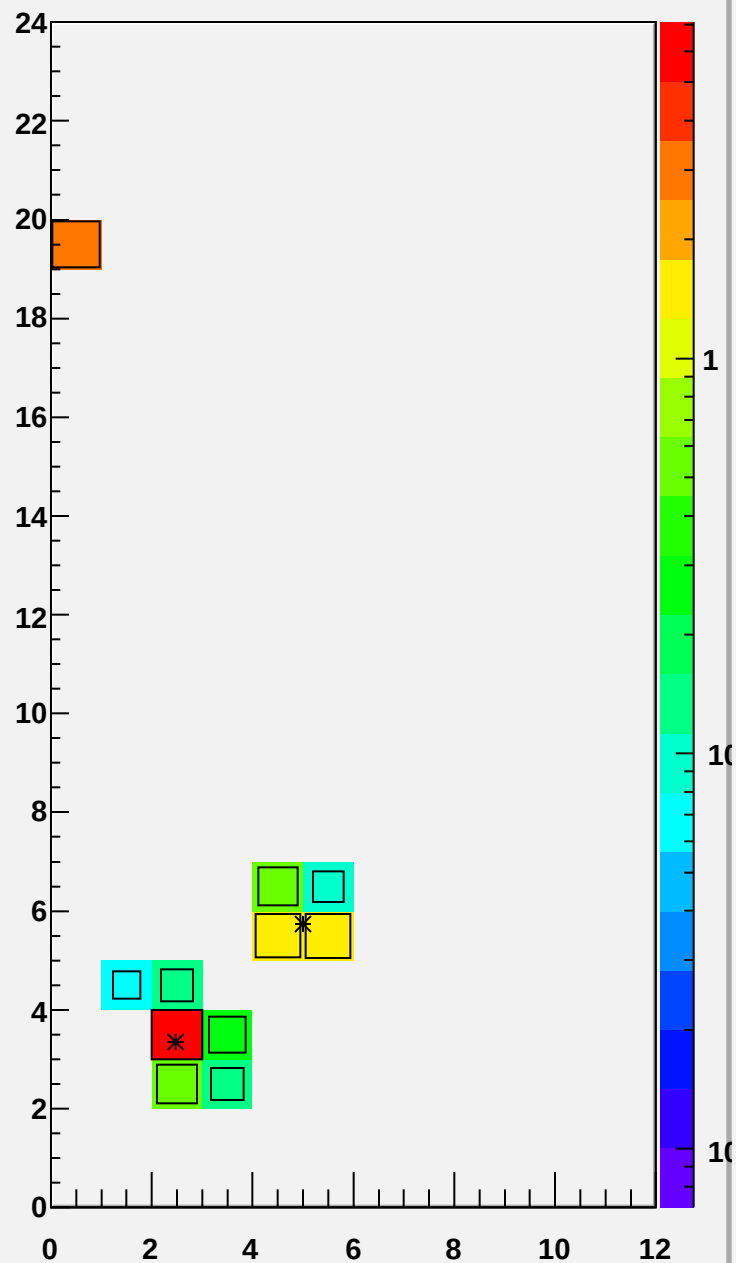
Mean x 4.738

Mean y 6.057

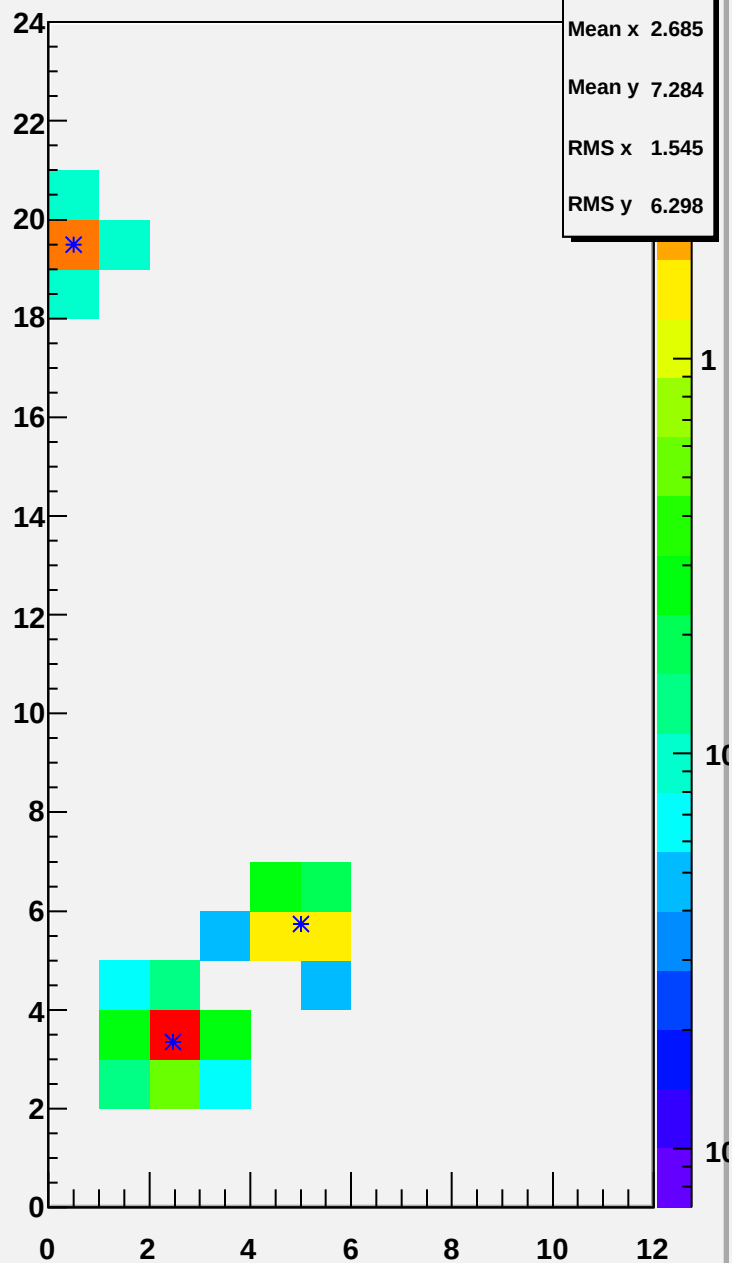
RMS x 1.613

RMS y 2.065

NSTB3_r4_c3_En=15.3_m0=0.113 m1=0.113 index=2027



Fitted Energies



Efit

Entries 288

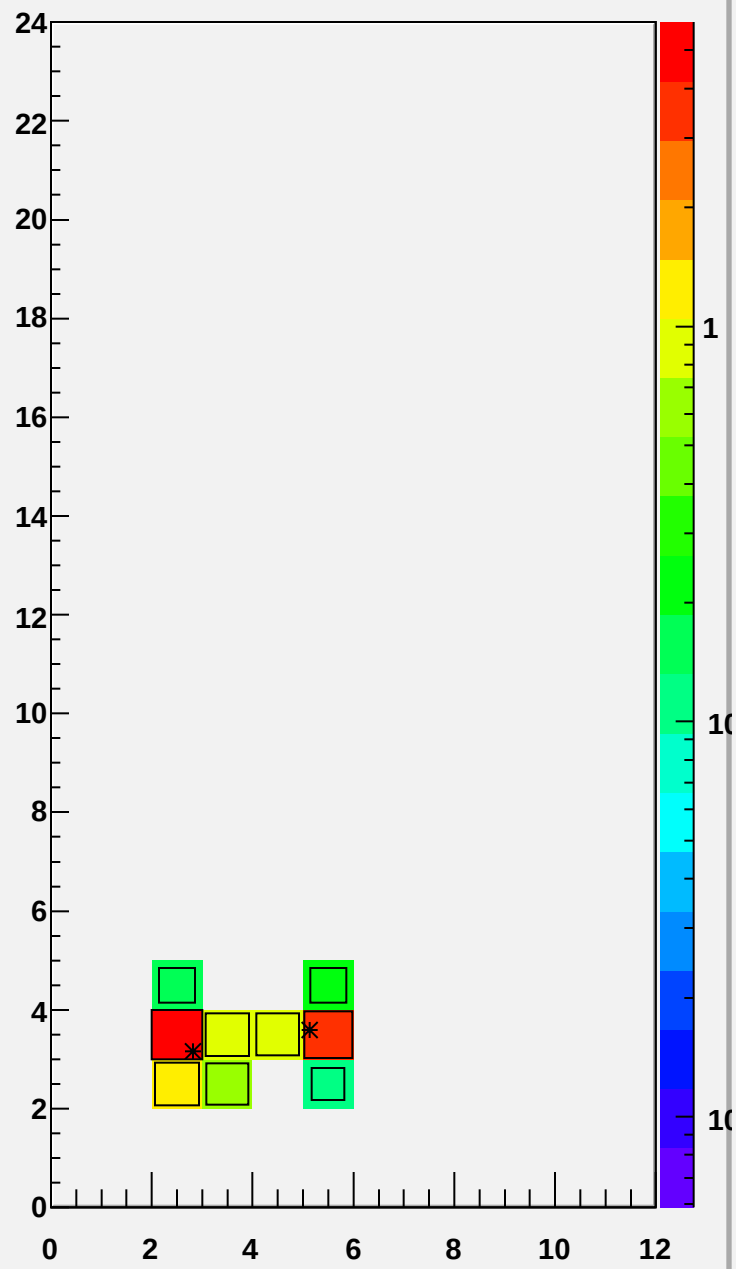
Mean x 2.685

Mean y 7.284

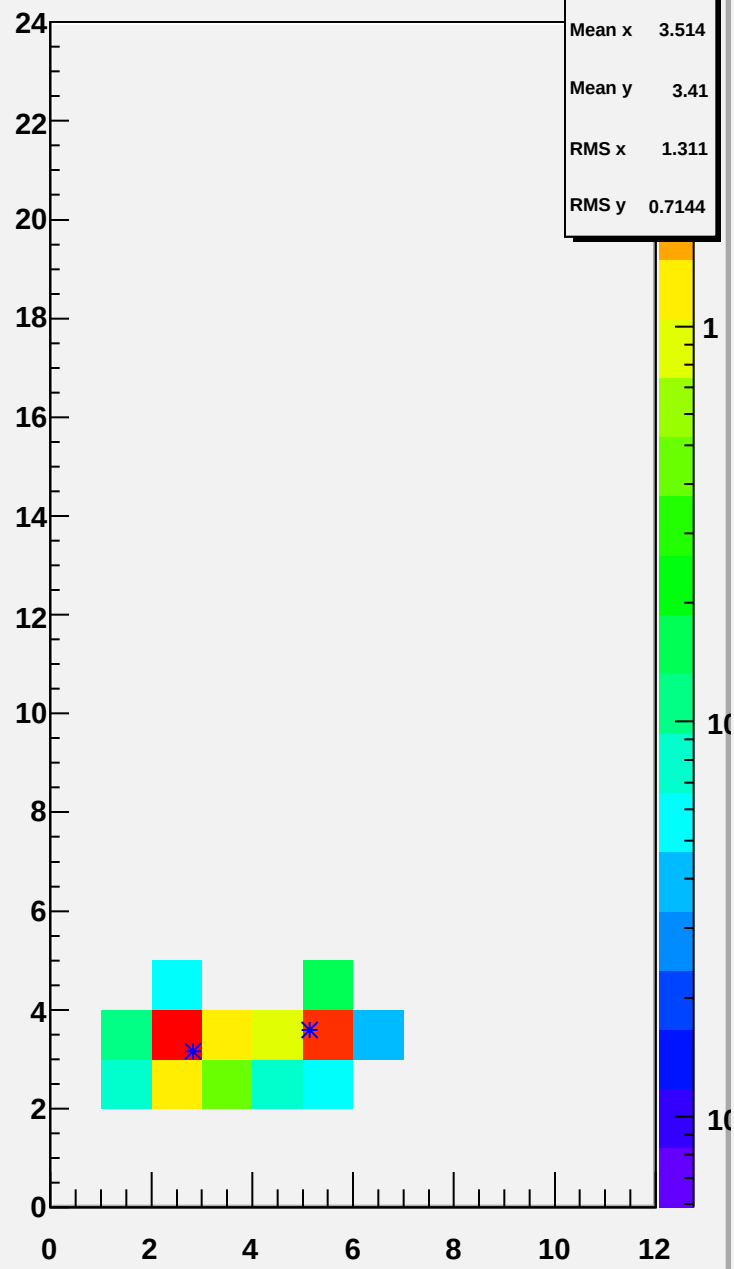
RMS x 1.545

RMS y 6.298

NSTB3_r4_c3_En=13.1_m0=0.083 m1=0.083 index=2028



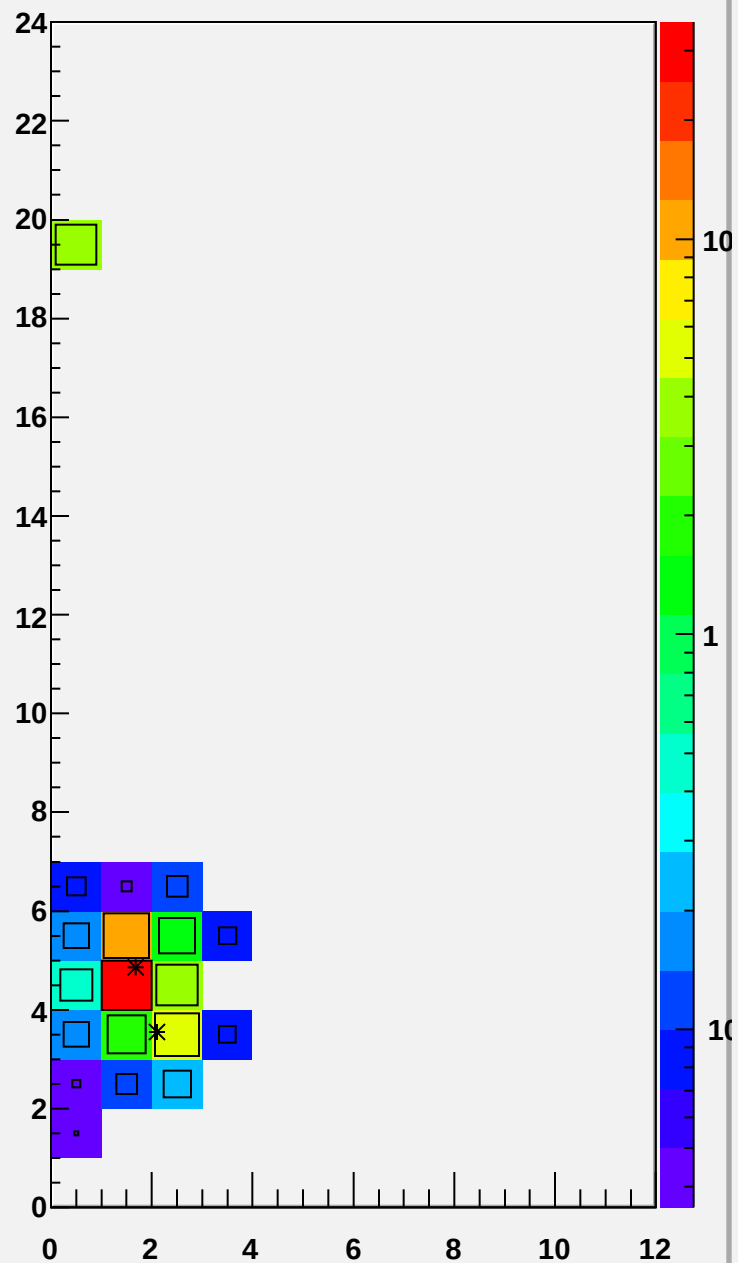
Fitted Energies



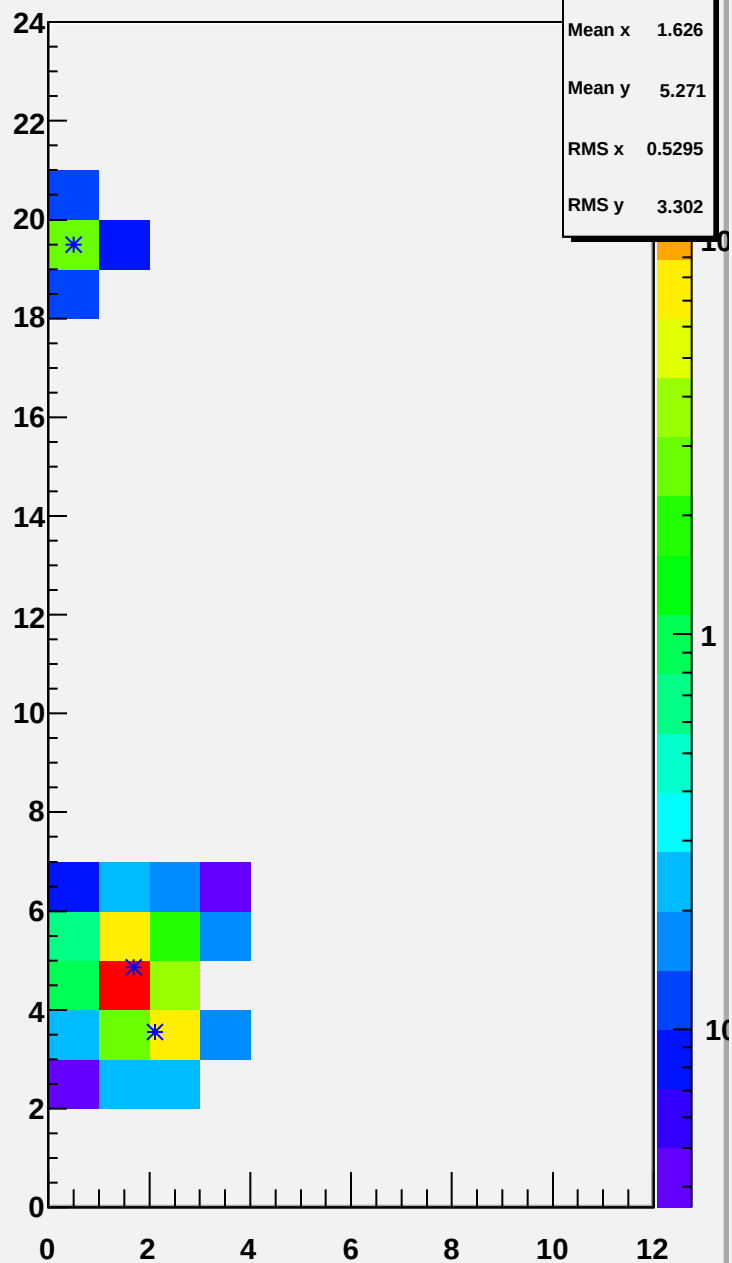
Efit

Entries	288
Mean x	3.514
Mean y	3.41
RMS x	1.311
RMS y	0.7144

NSTB3_r4_c3_En=62.8_m0=0.167 m1=0.167 index=2029



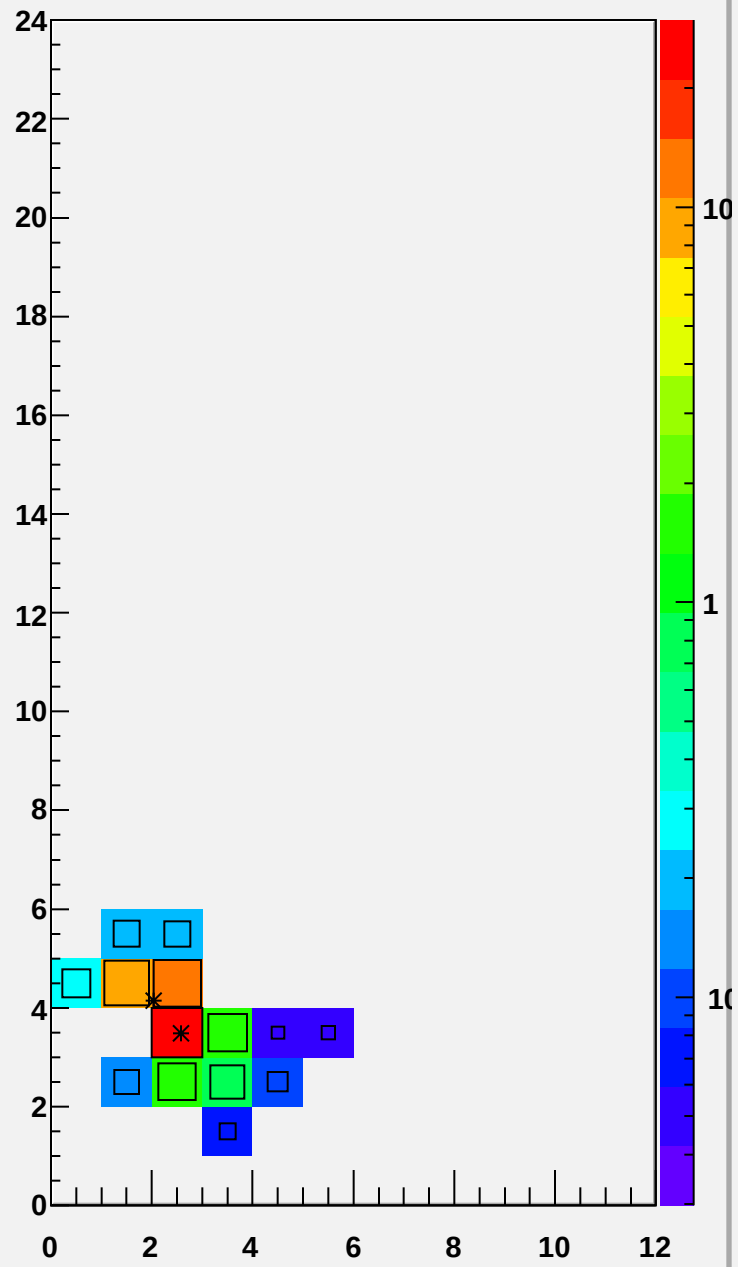
Fitted Energies



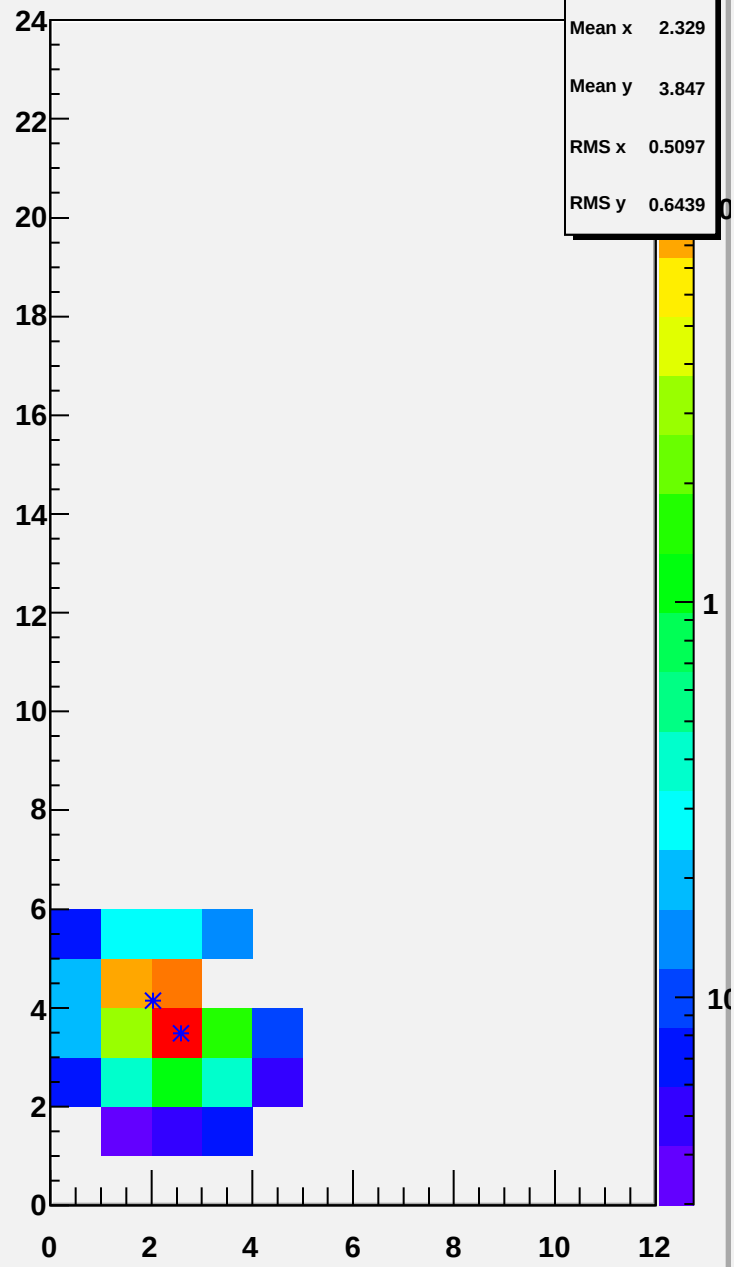
Efit

Entries	288
Mean x	1.626
Mean y	5.271
RMS x	0.5295
RMS y	3.302

NSTB3_r4_c3_En=55.4_m0=0.137 m1=0.137 index=2031



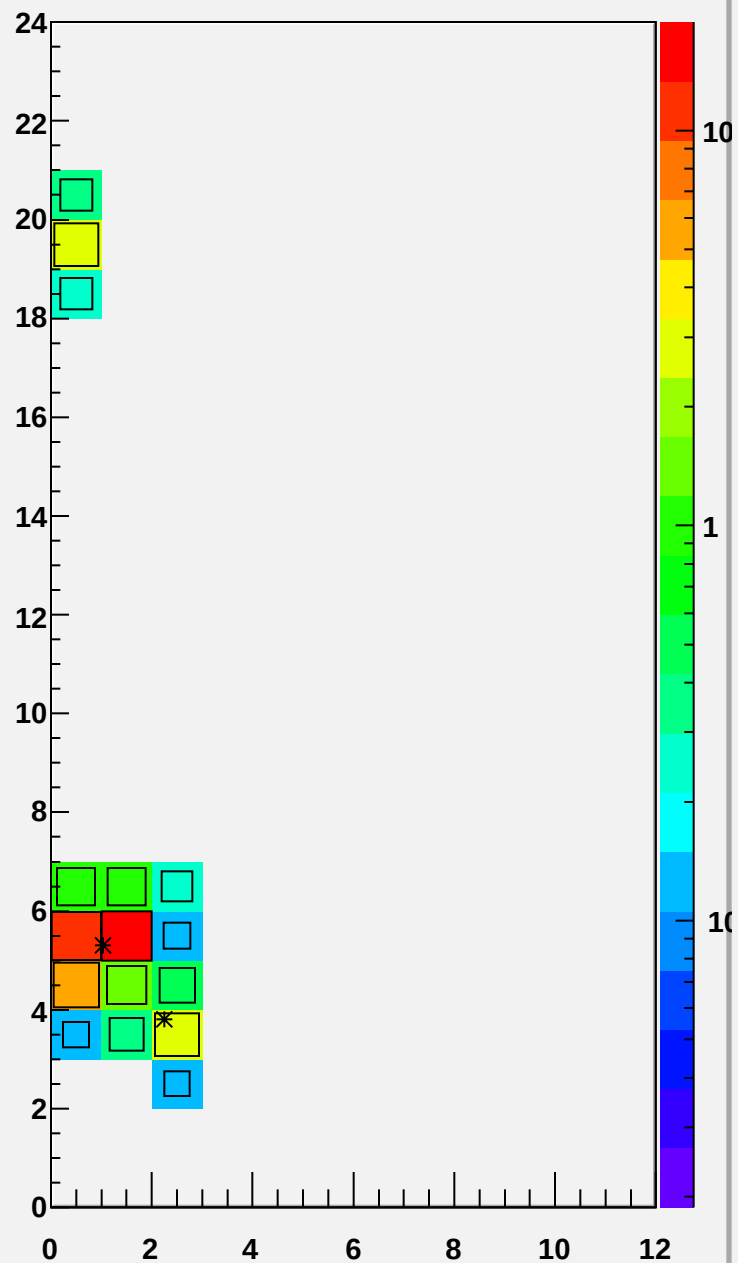
Fitted Energies



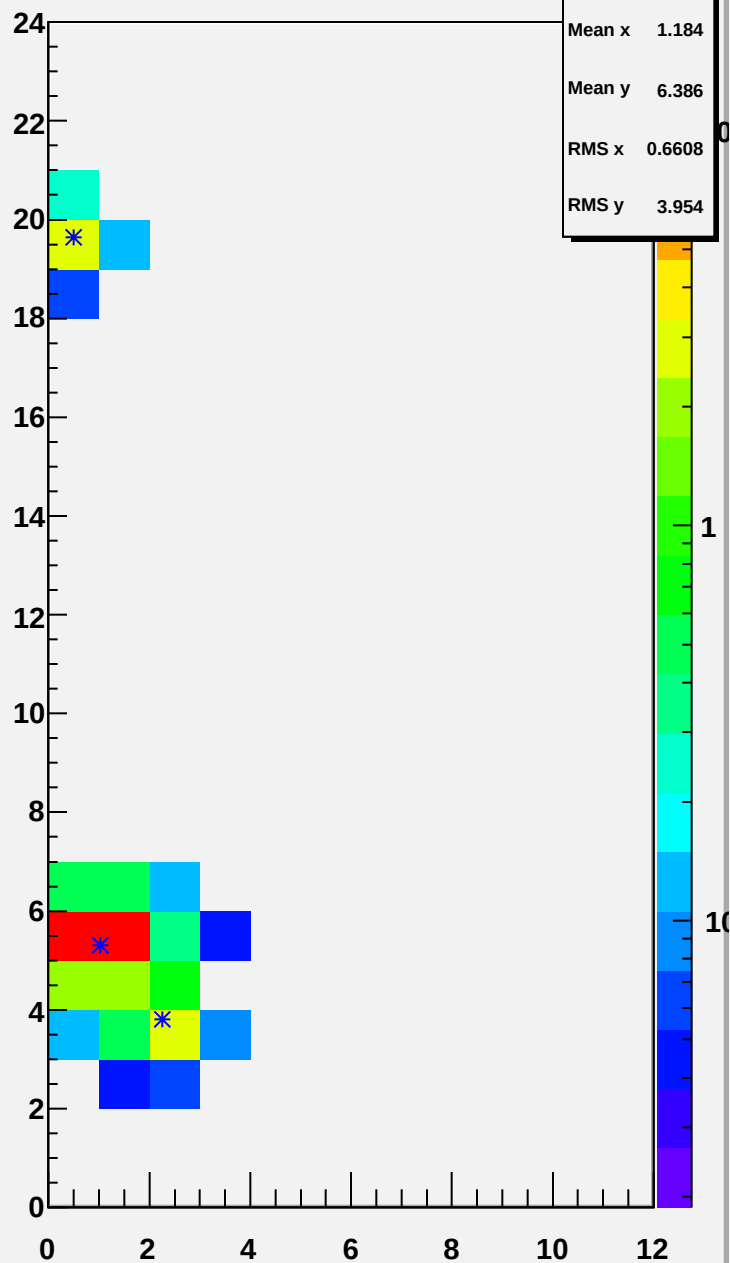
Efit

Entries	288
Mean x	2.329
Mean y	3.847
RMS x	0.5097
RMS y	0.6439

NSTB3_r4_c3_En=48.8_m0=0.141 m1=0.141 index=2032



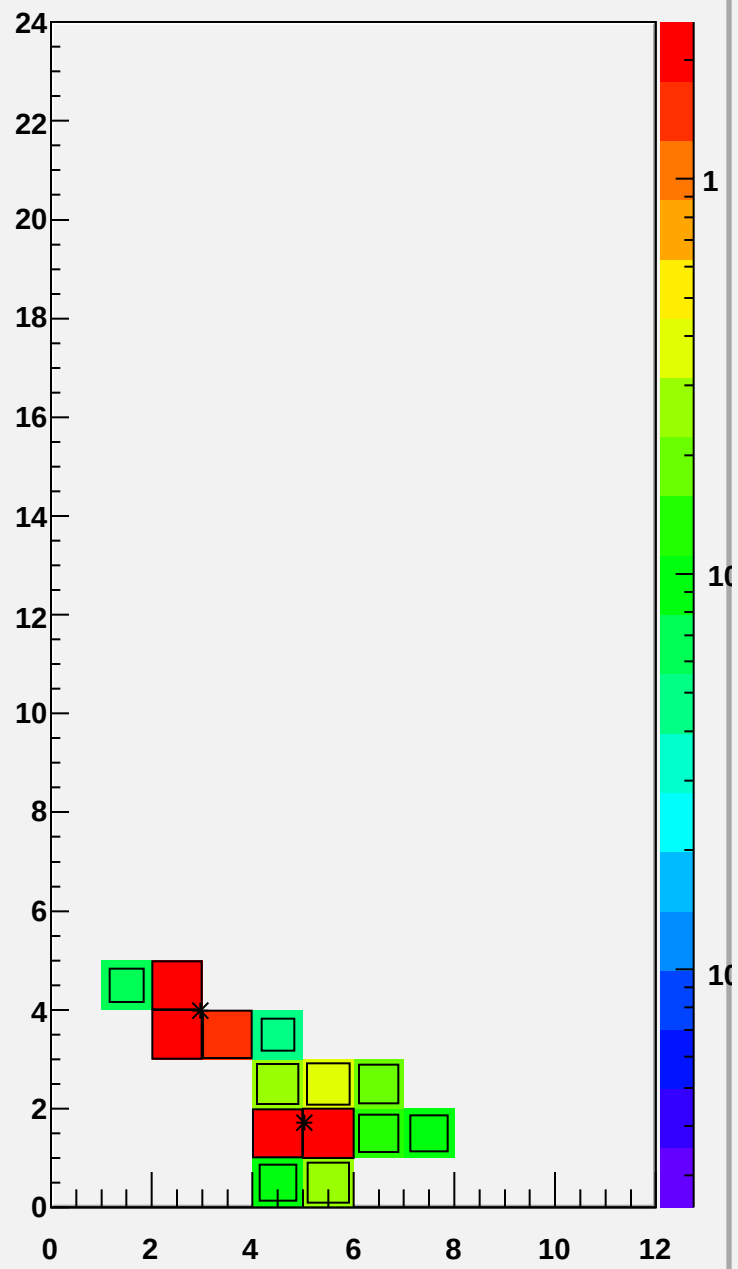
Fitted Energies



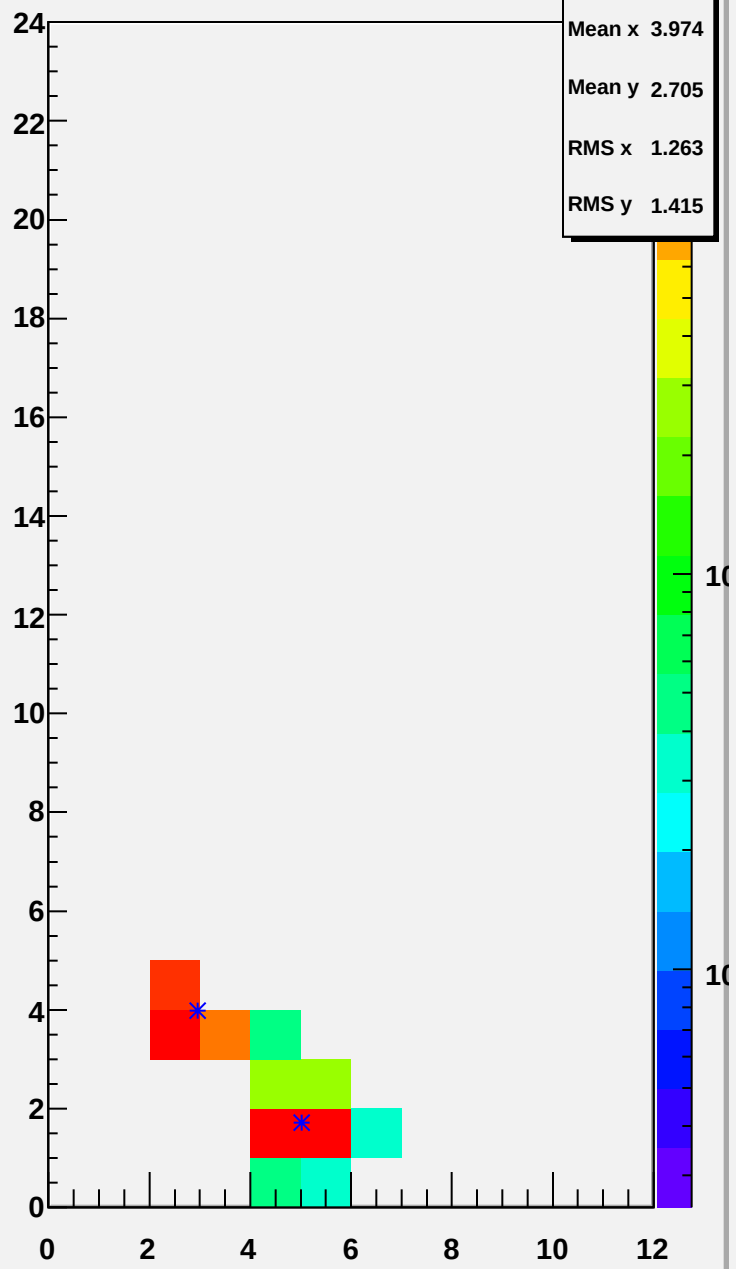
Efit

Entries	288
Mean x	1.184
Mean y	6.386
RMS x	0.6608
RMS y	3.954

NSTB3_r4_c3_En=11.2_m0=0.094 m1=0.094 index=2033



Fitted Energies



Efit

Entries 288

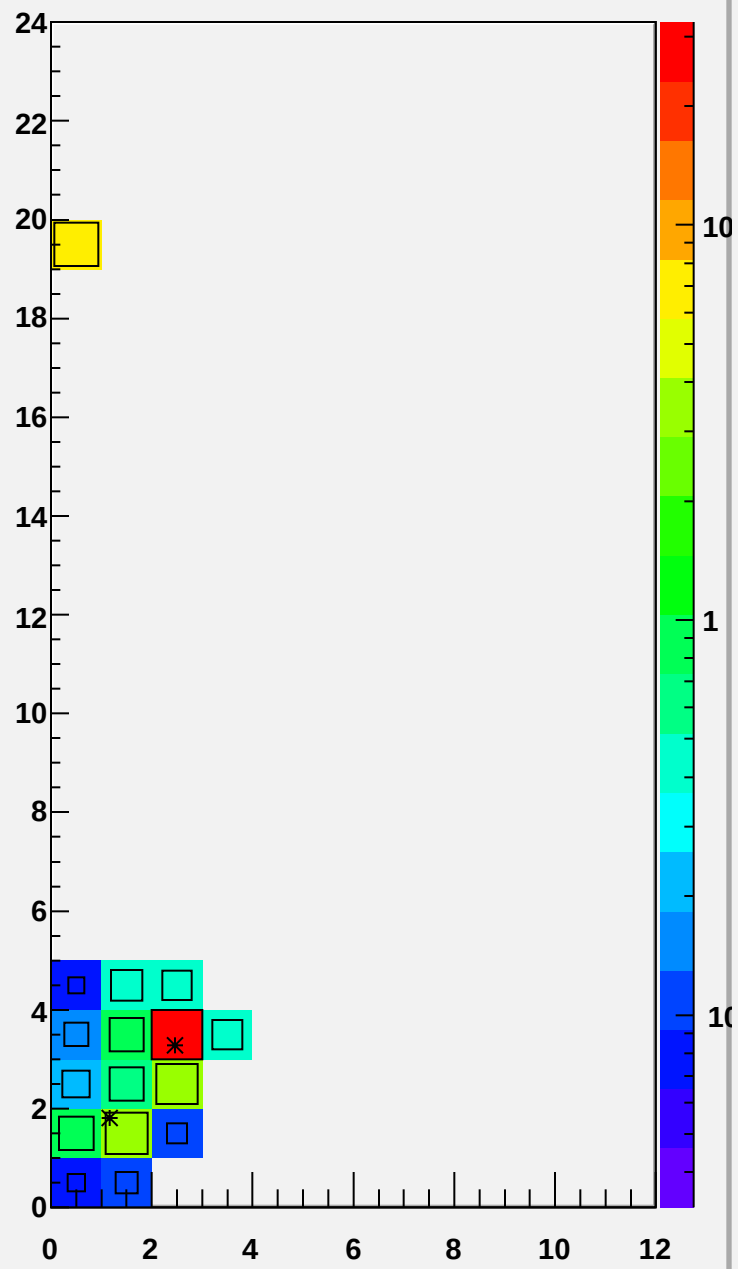
Mean x 3.974

Mean y 2.705

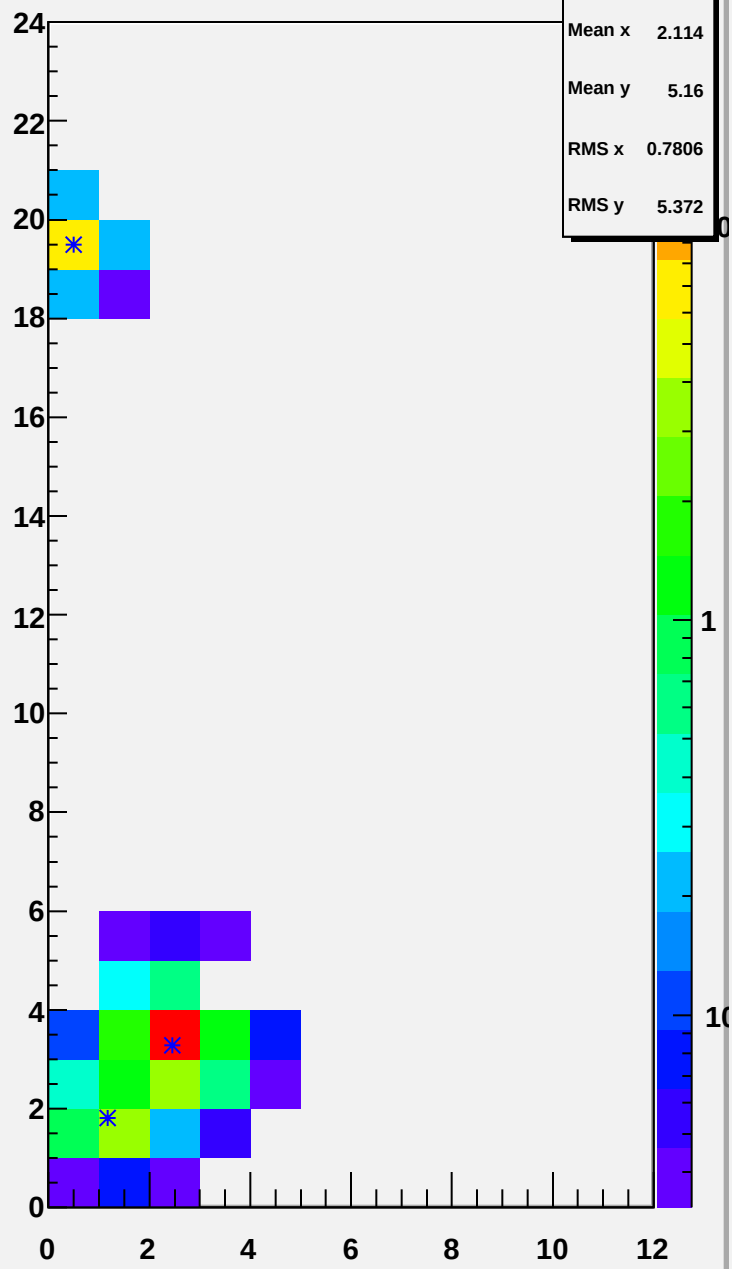
RMS x 1.263

RMS y 1.415

NSTB3_r4_c3_En=50.8_m0=0.169 m1=0.170 index=2034



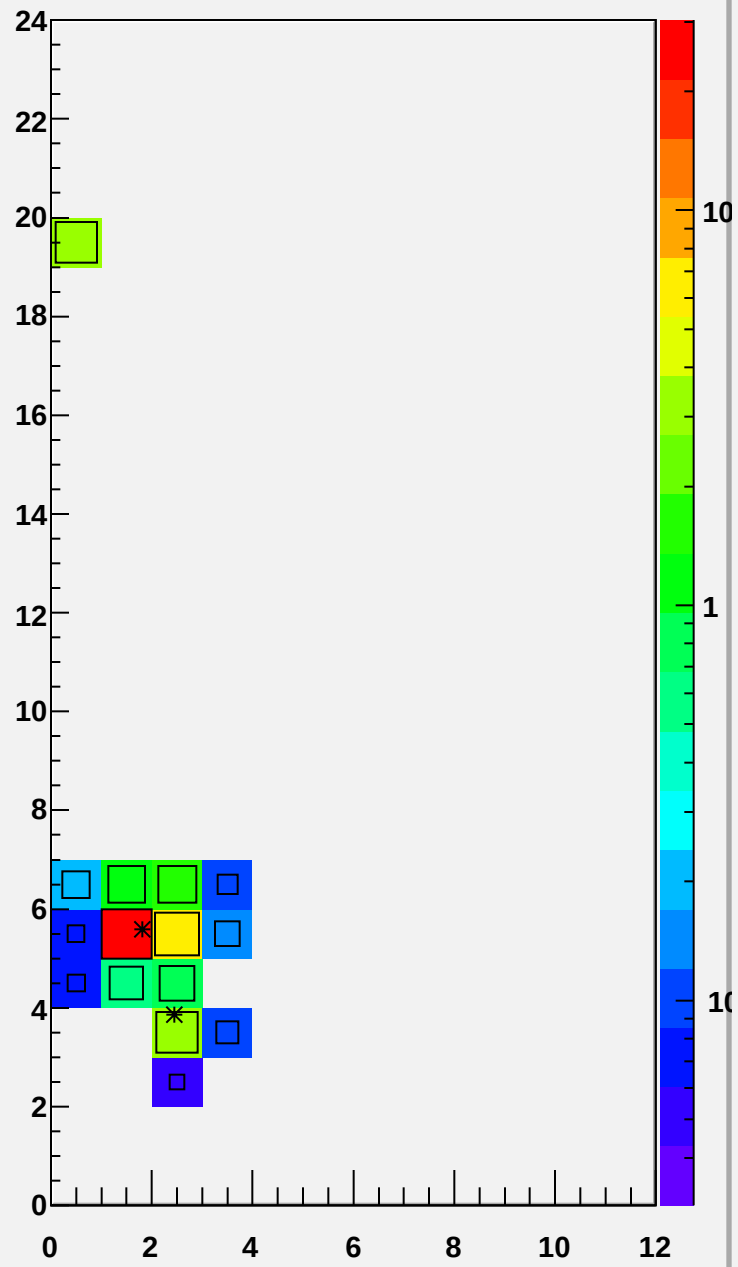
Fitted Energies



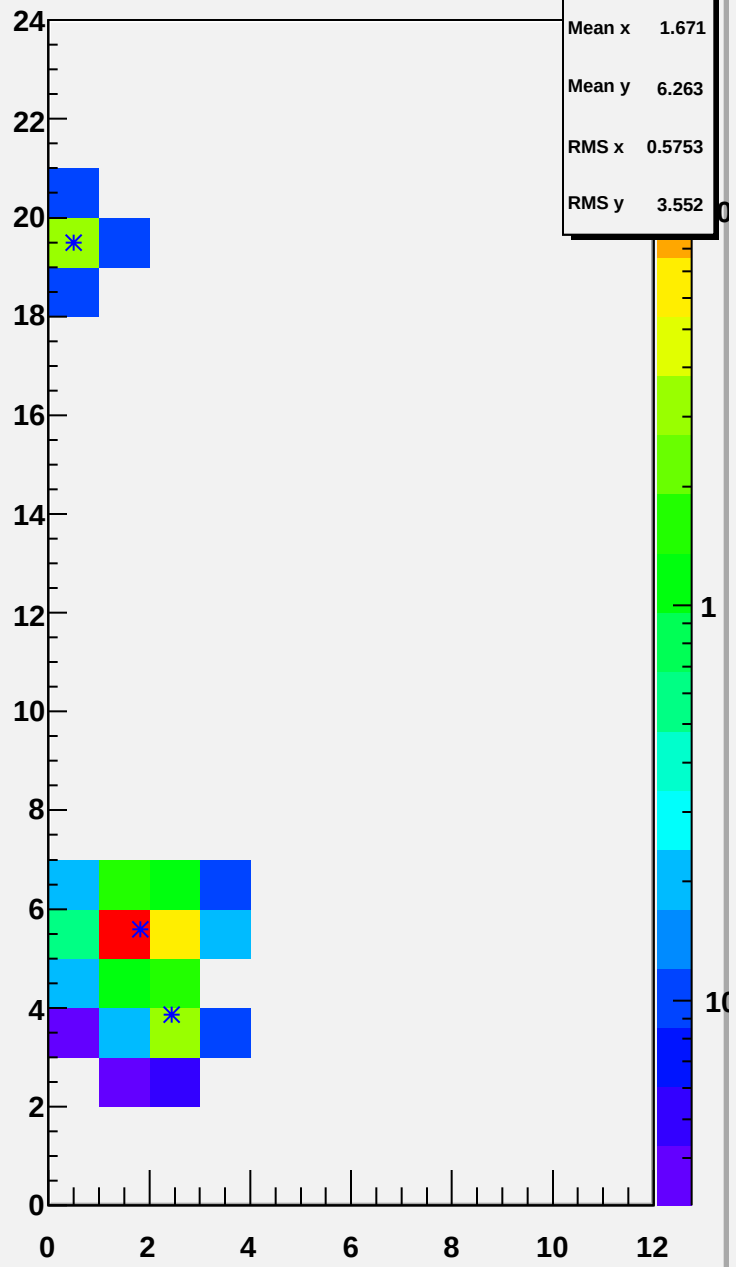
Efit

Entries	288
Mean x	2.114
Mean y	5.16
RMS x	0.7806
RMS y	5.372

NSTB3_r4_c3_En=47.5_m0=0.143 m1=0.143 index=2036



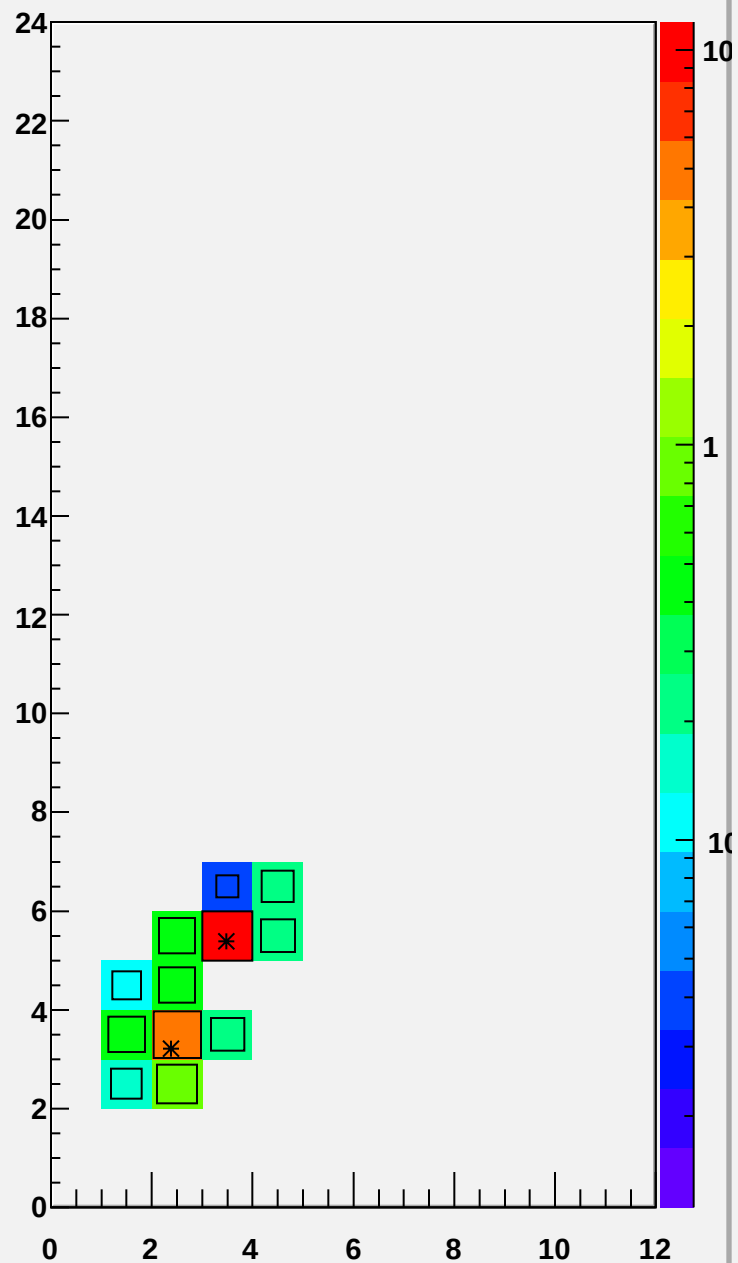
Fitted Energies



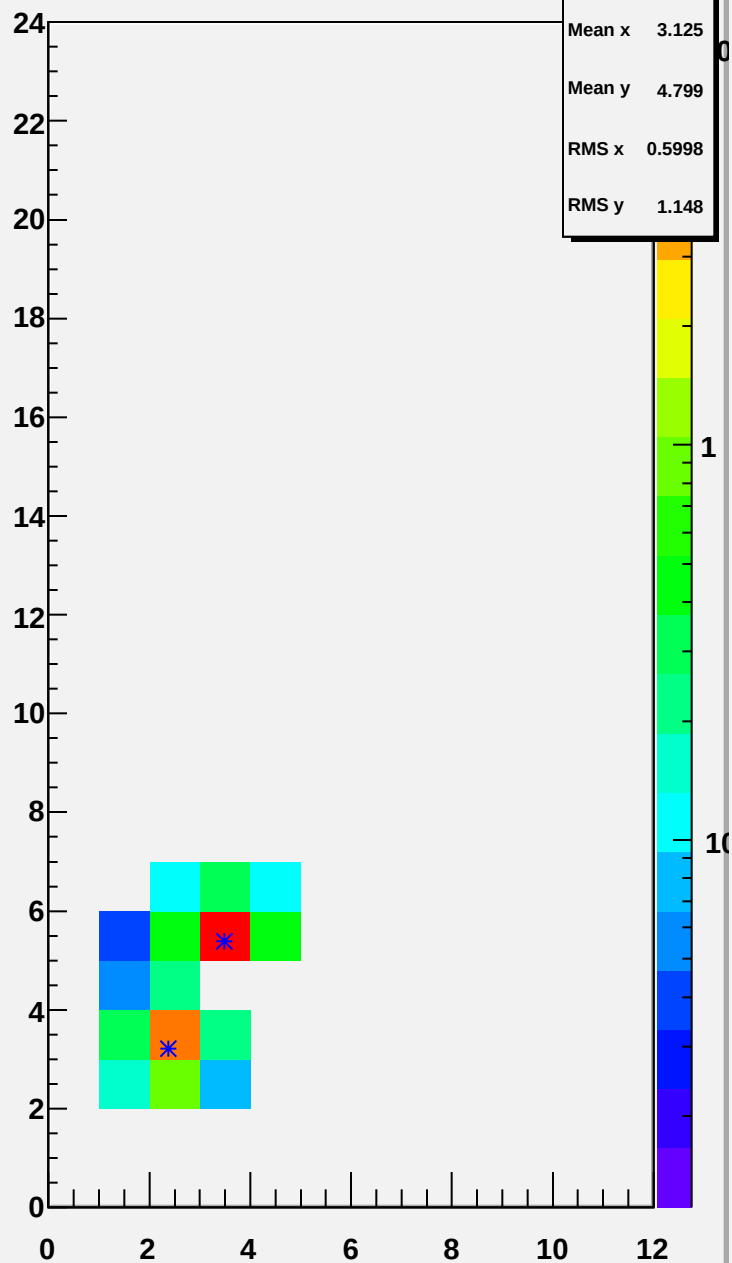
Efit

Entries	288
Mean x	1.671
Mean y	6.263
RMS x	0.5753
RMS y	3.552

NSTB3_r4_c3_En=20.0_m0=0.134 m1=0.134 index=2037



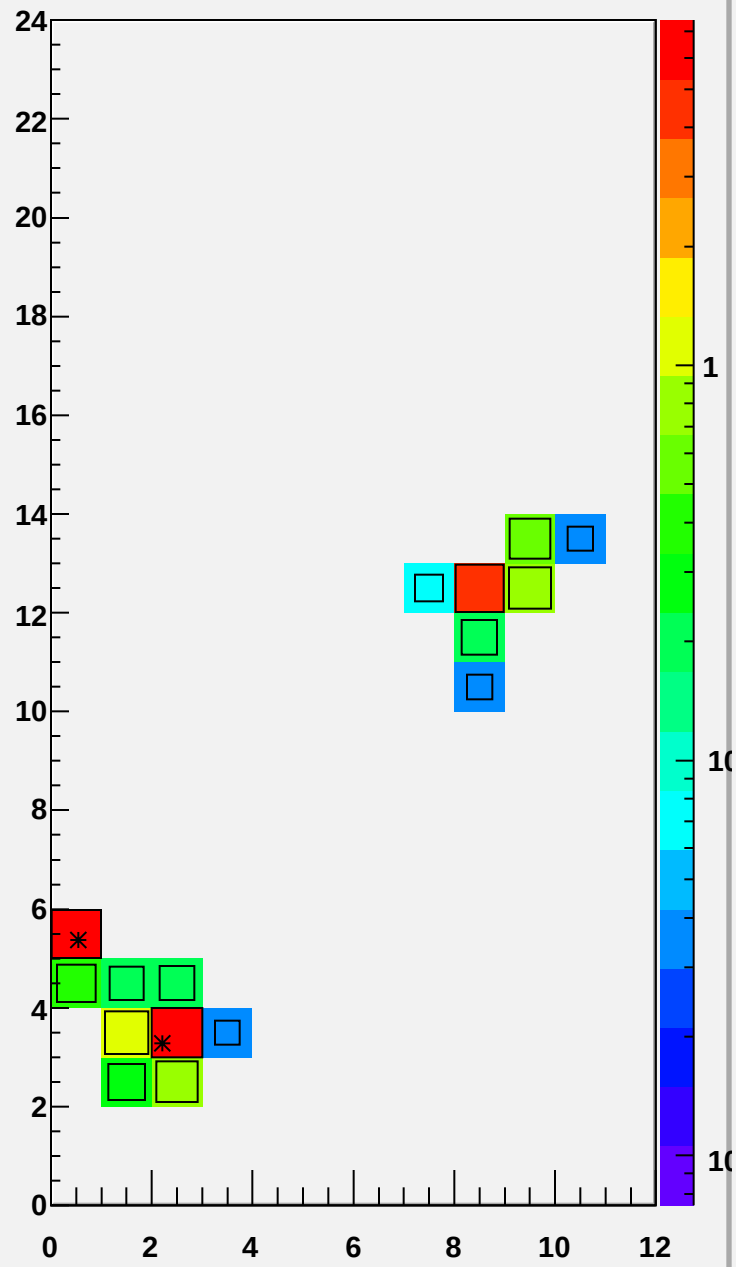
Fitted Energies



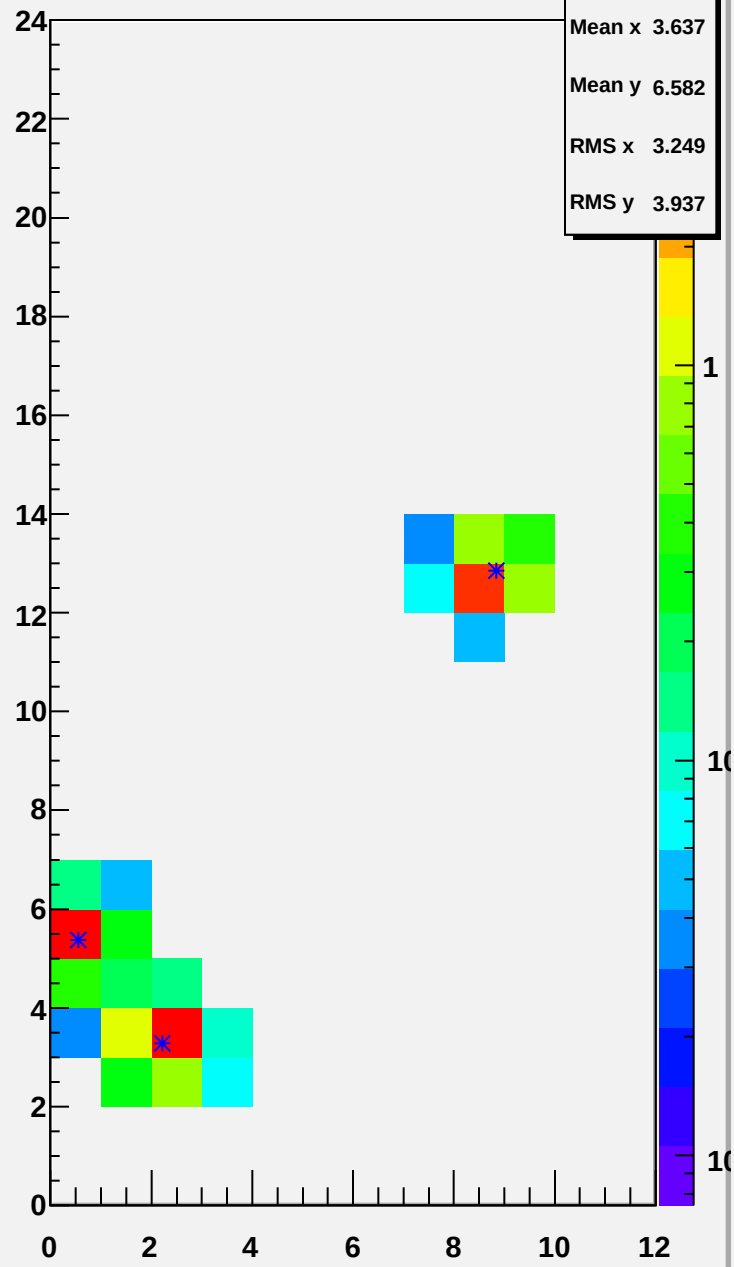
Efit

Entries	288
Mean x	3.125
Mean y	4.799
RMS x	0.5998
RMS y	1.148

NSTB3_r4_c3_En=21.9_m0=0.121 m1=0.121 index=2038



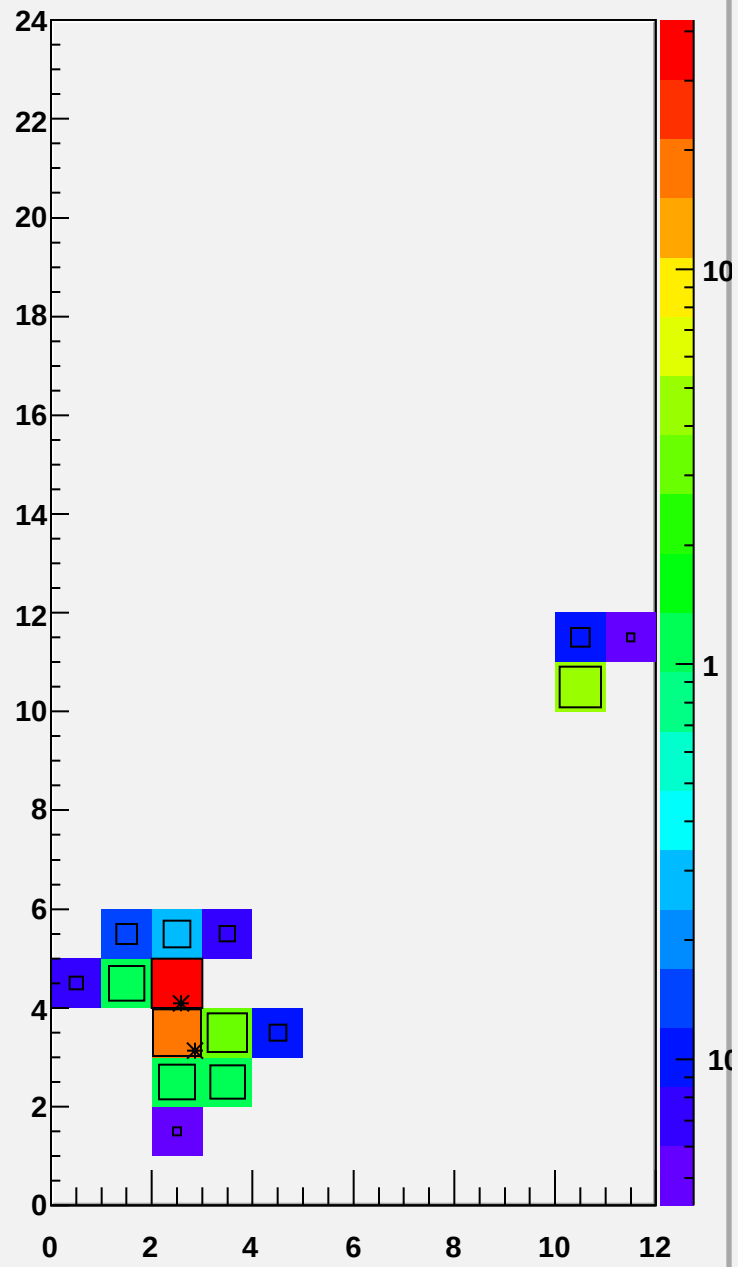
Fitted Energies



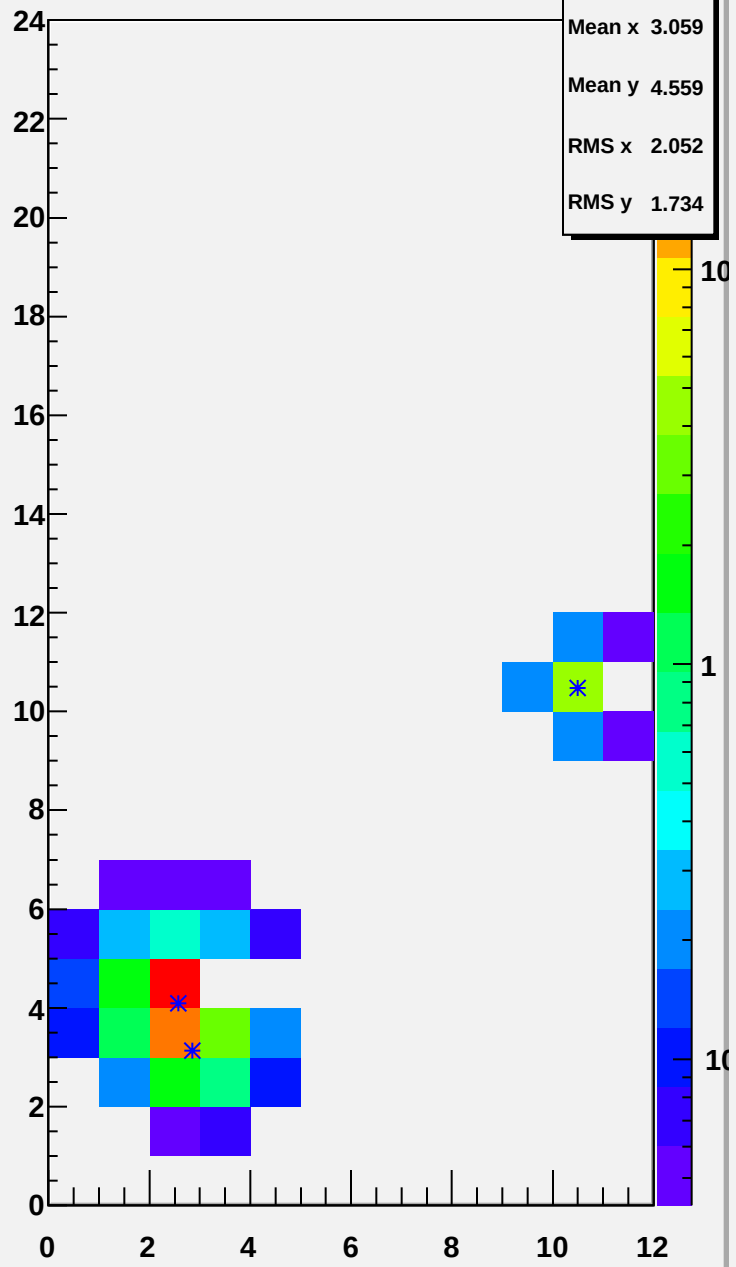
Efit

Entries 288
Mean x 3.637
Mean y 6.582
RMS x 3.249
RMS y 3.937

NSTB3_r4_c3_En=74.9_m0=0.124 m1=0.123 index=2039



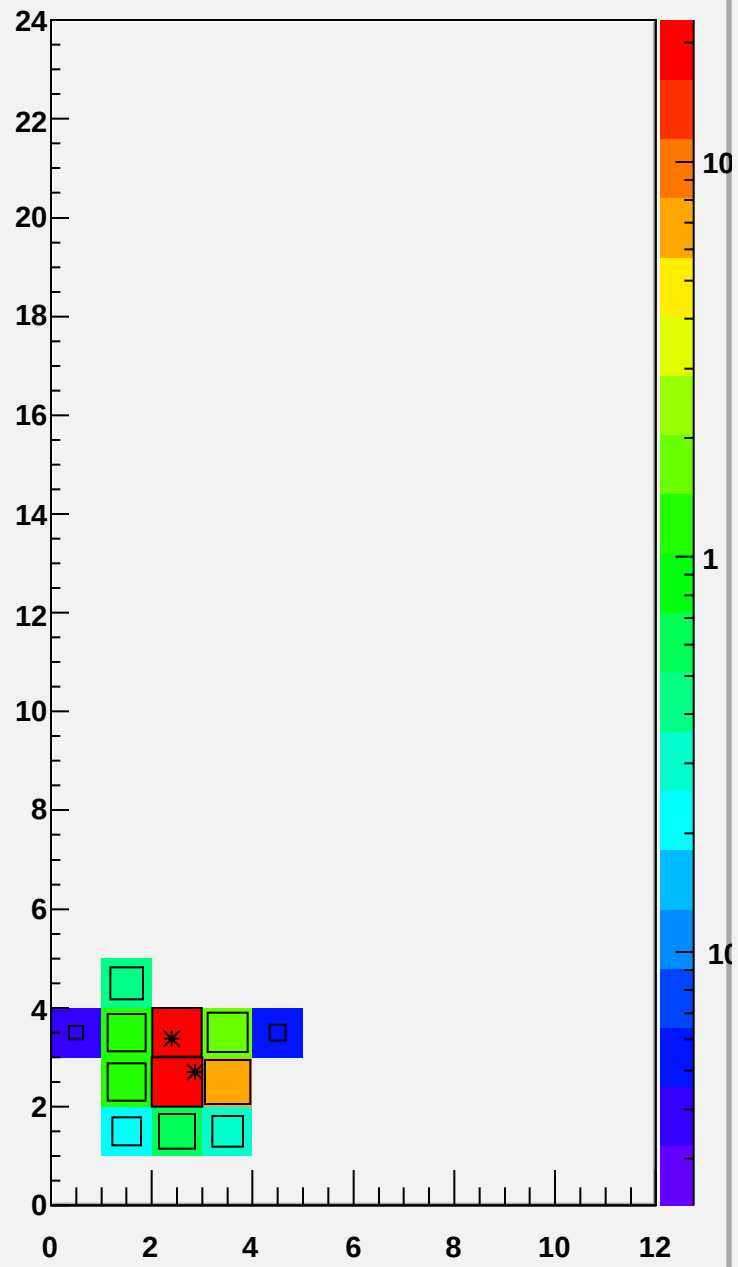
Fitted Energies



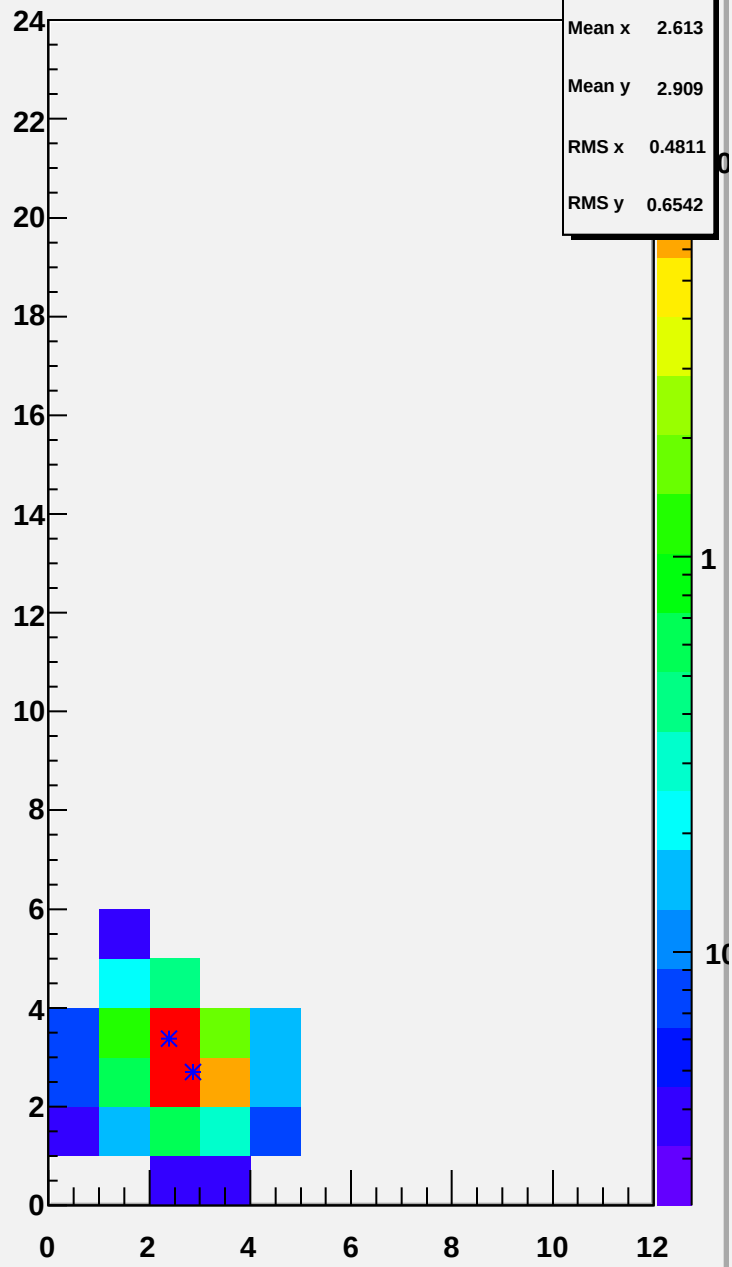
Efit

Entries 288
Mean x 3.059
Mean y 4.559
RMS x 2.052
RMS y 1.734

NSTB3_r4_c3_En=52.0_m0=0.115 m1=0.115 index=2040



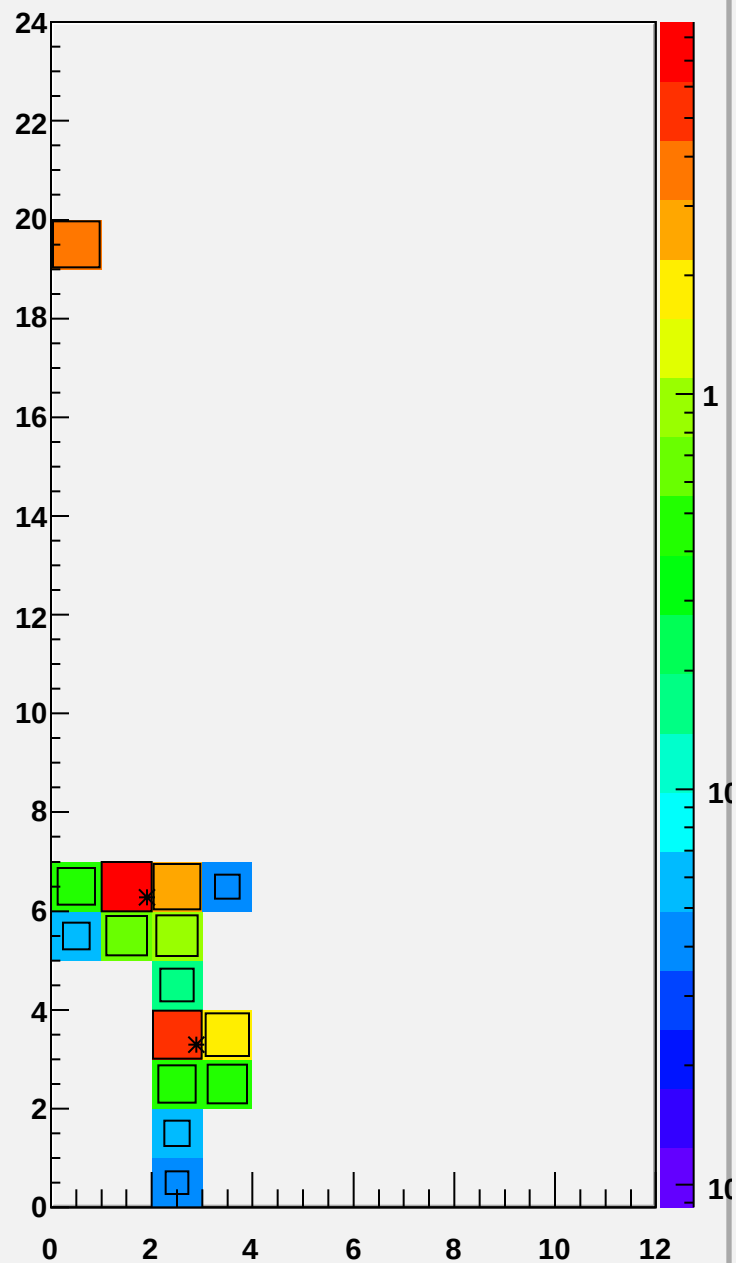
Fitted Energies



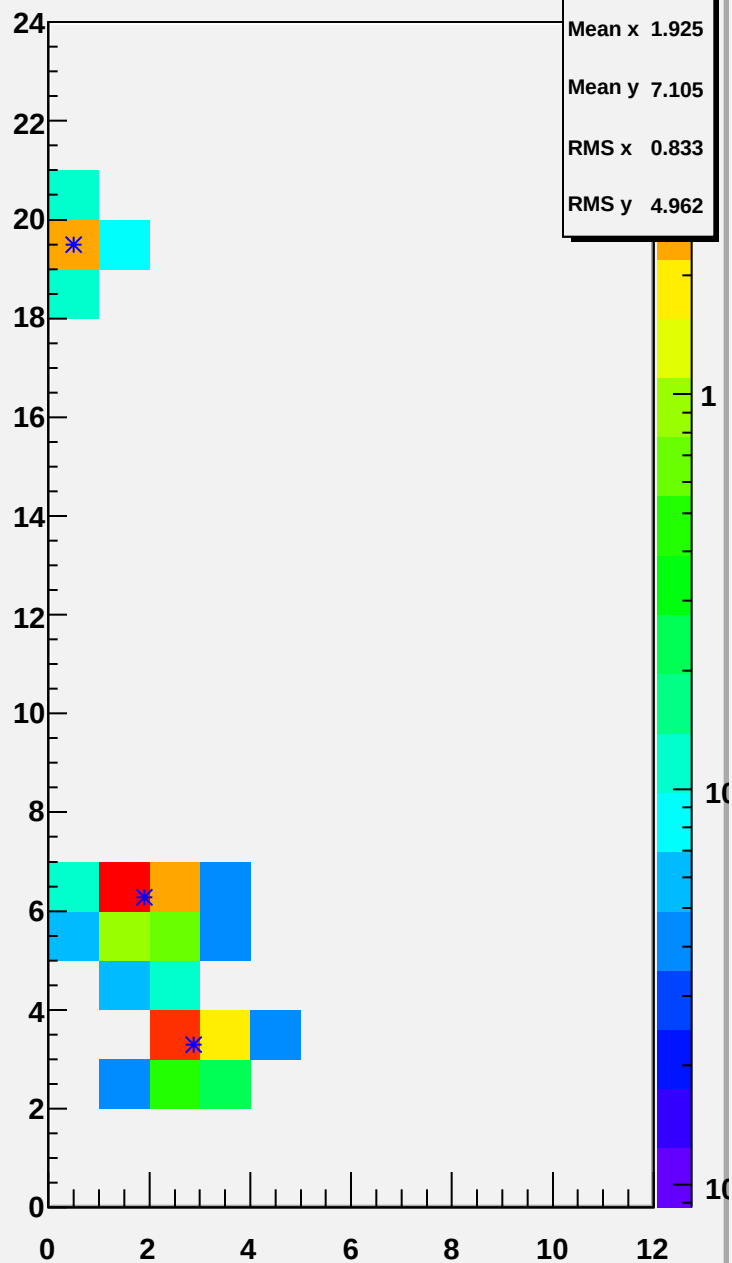
Efit

Entries	288
Mean x	2.613
Mean y	2.909
RMS x	0.4811
RMS y	0.6542

NSTB3_r4_c3_En=25.4_m0=0.188 m1=0.188 index=2041



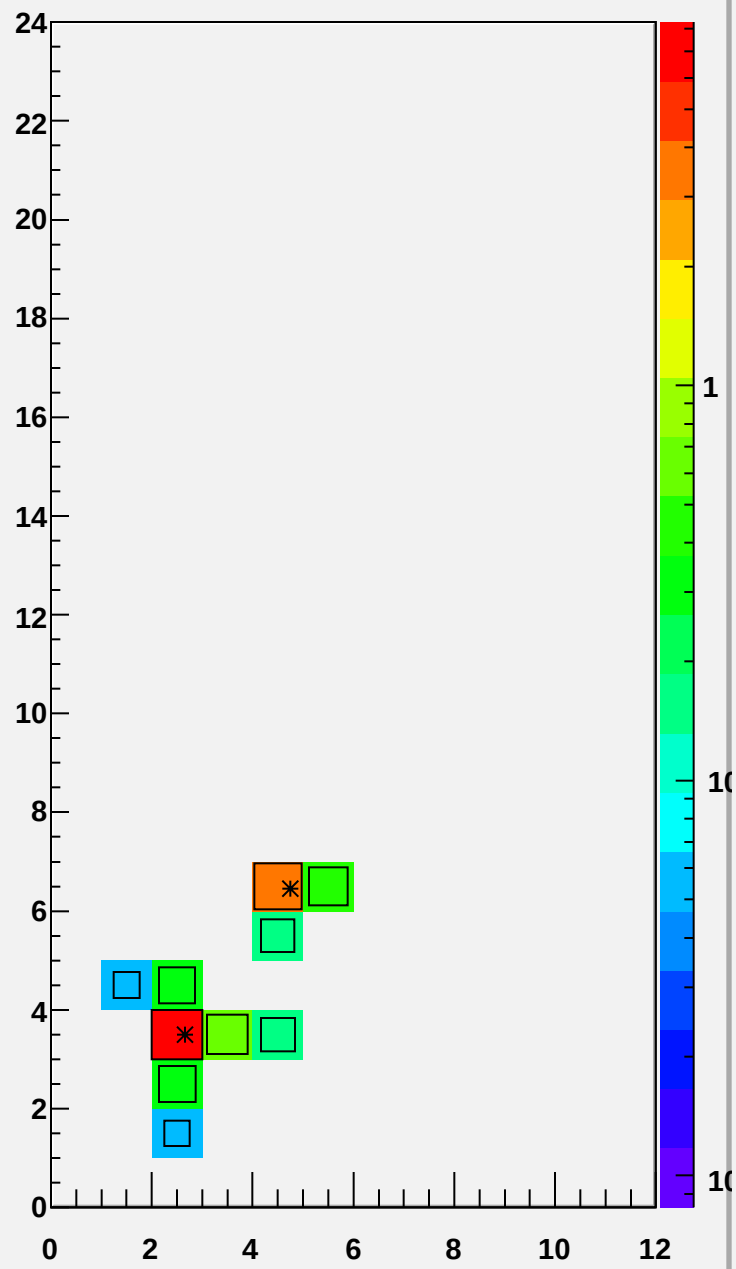
Fitted Energies



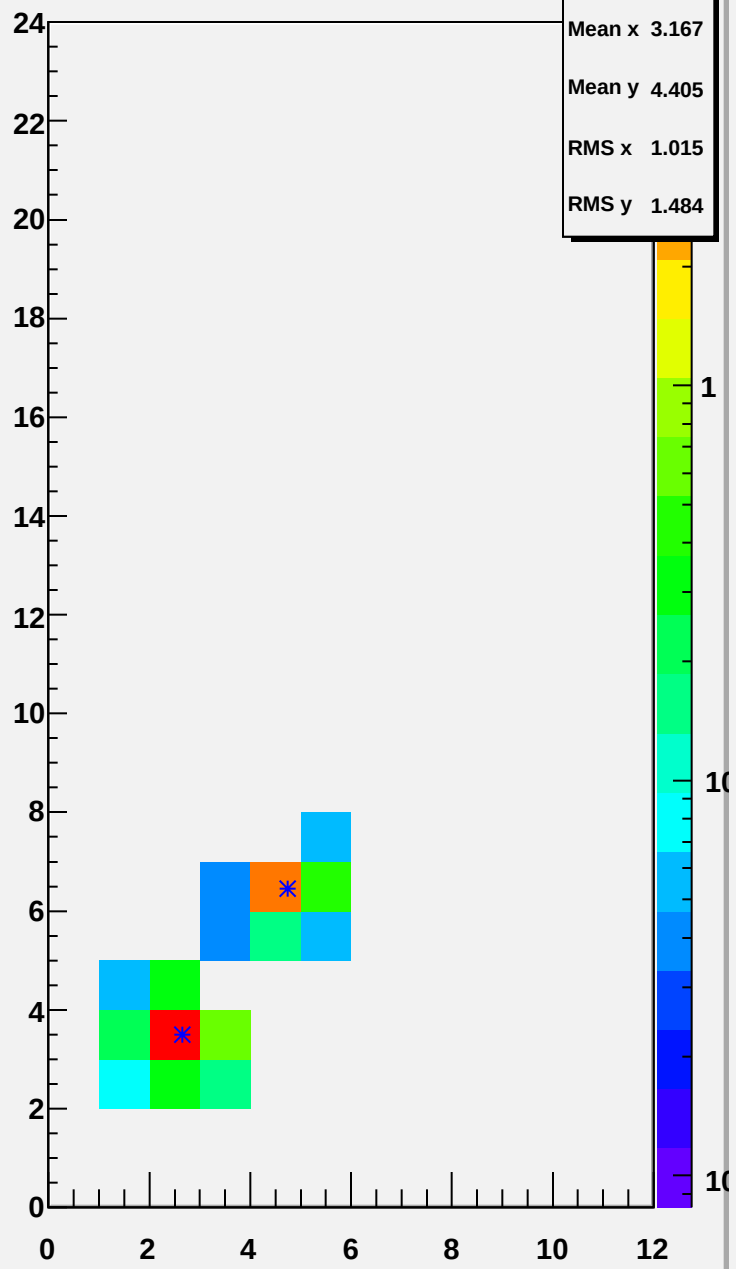
Efit

Entries 288
Mean x 1.925
Mean y 7.105
RMS x 0.833
RMS y 4.962

NSTB3_r4_c3_En=14.0_m0=0.136 m1=0.137 index=2042



Fitted Energies



Efit

Entries 288

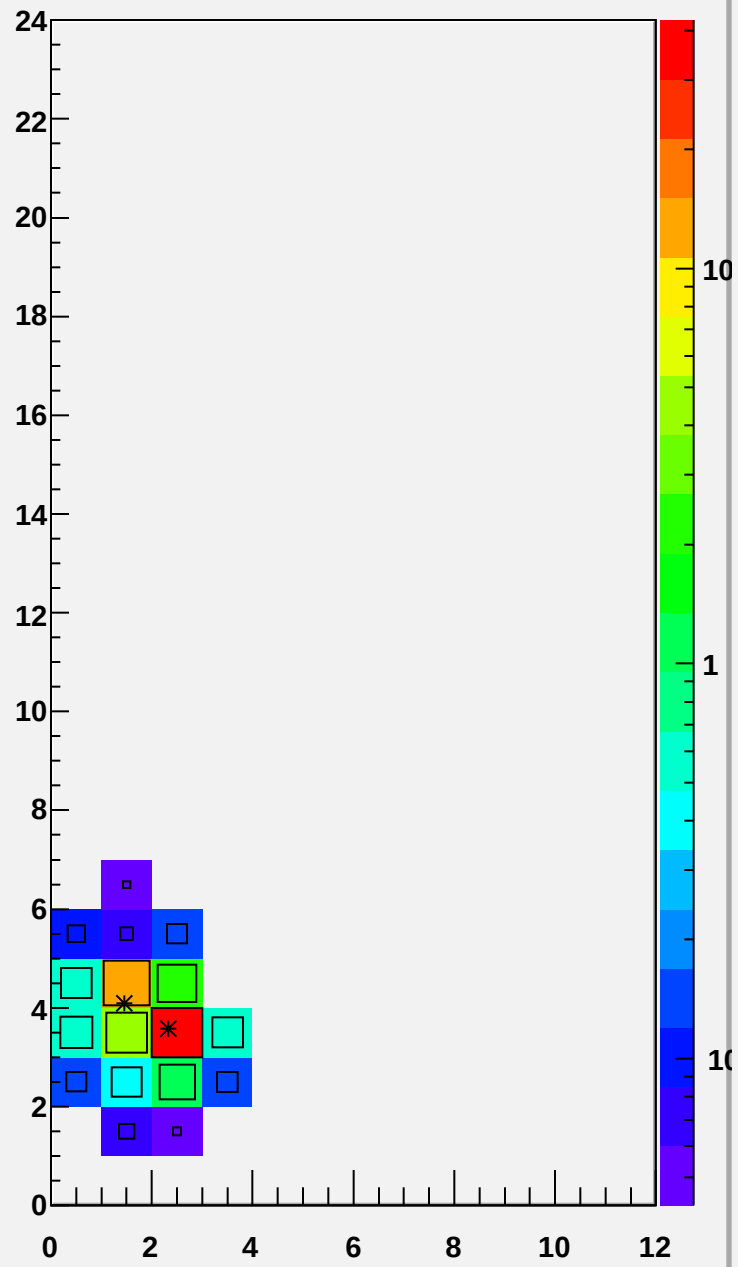
Mean x 3.167

Mean y 4.405

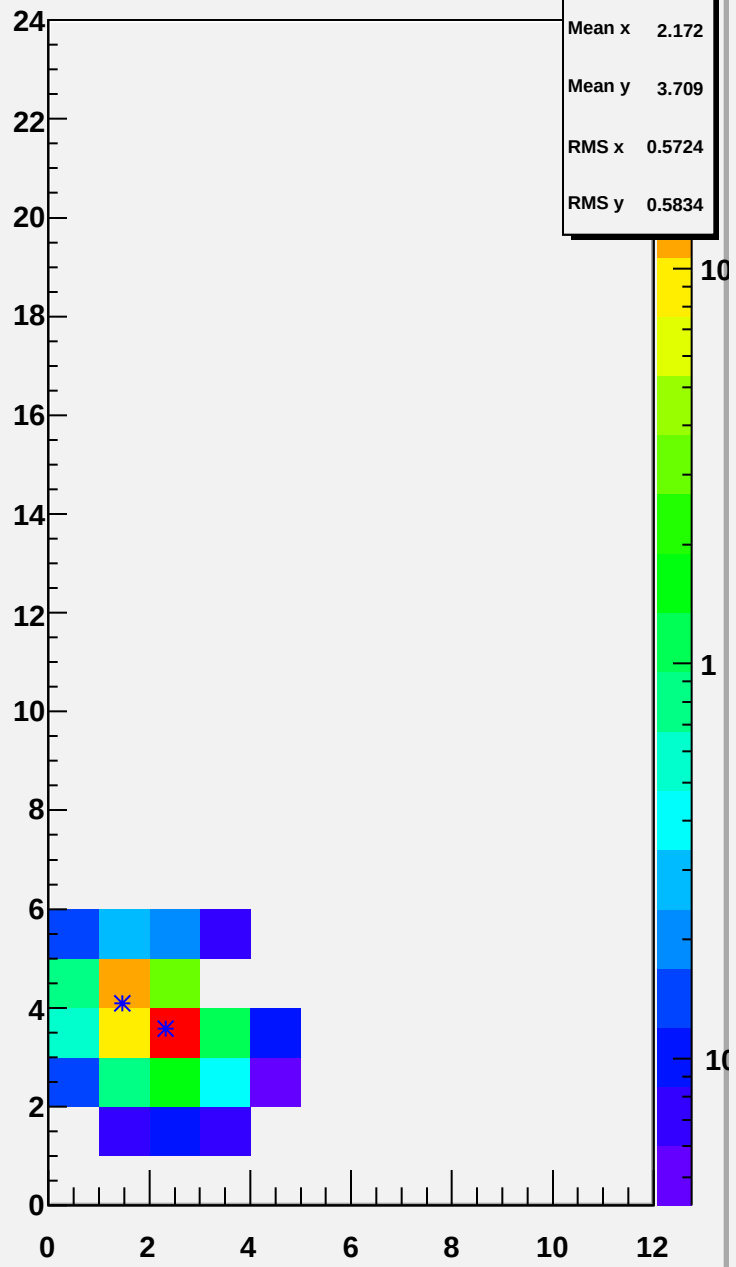
RMS x 1.015

RMS y 1.484

NSTB3_r4_c3_En=65.3_m0=0.176 m1=0.175 index=2043



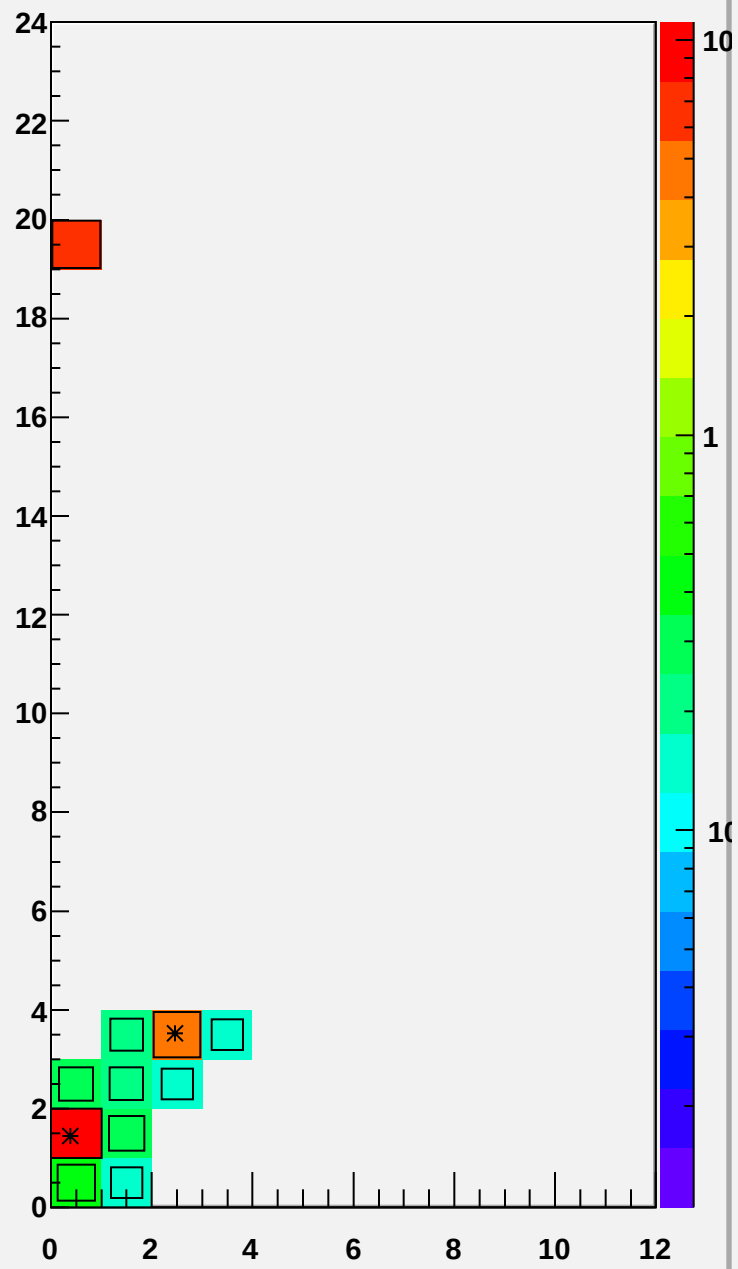
Fitted Energies



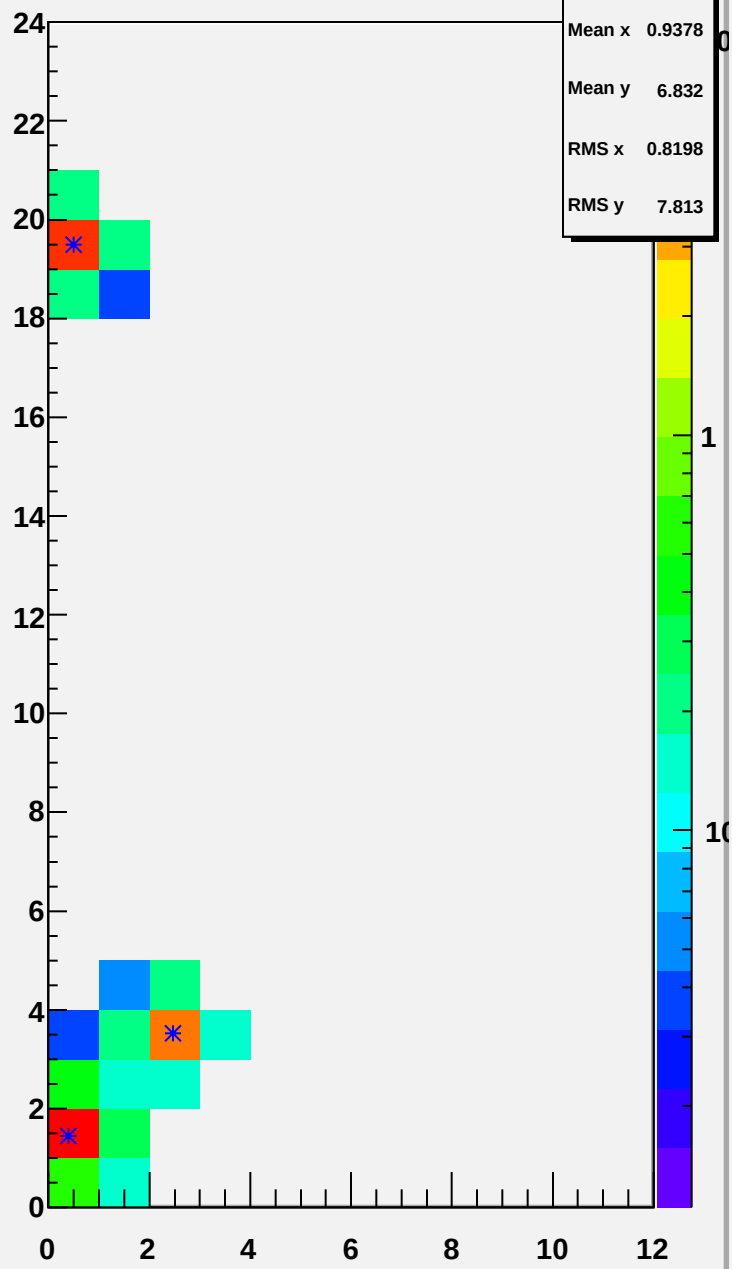
Efit

Entries	288
Mean x	2.172
Mean y	3.709
RMS x	0.5724
RMS y	0.5834

NSTB3_r4_c3_En=23.6_m0=0.132 m1=0.132 index=2044



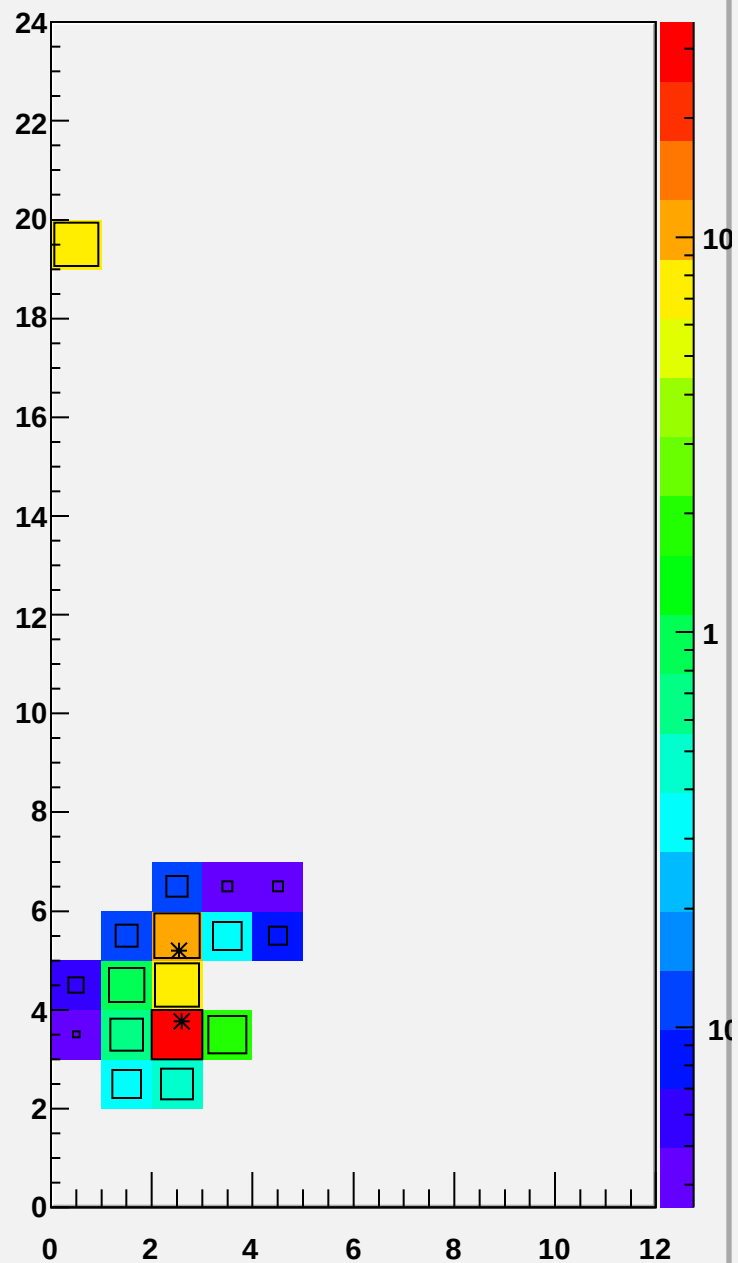
Fitted Energies



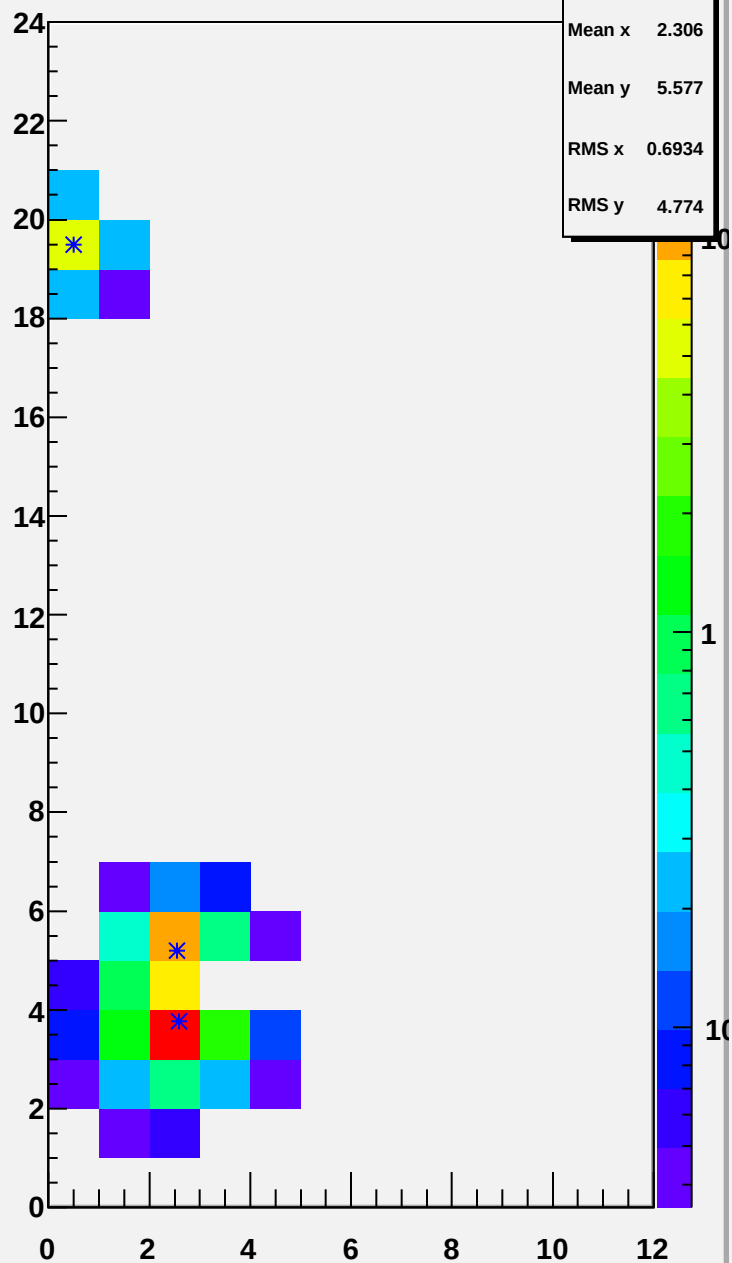
Efit

Entries	288
Mean x	0.9378
Mean y	6.832
RMS x	0.8198
RMS y	7.813

NSTB3_r4_c3_En=62.9_m0=0.186 m1=0.186 index=2045



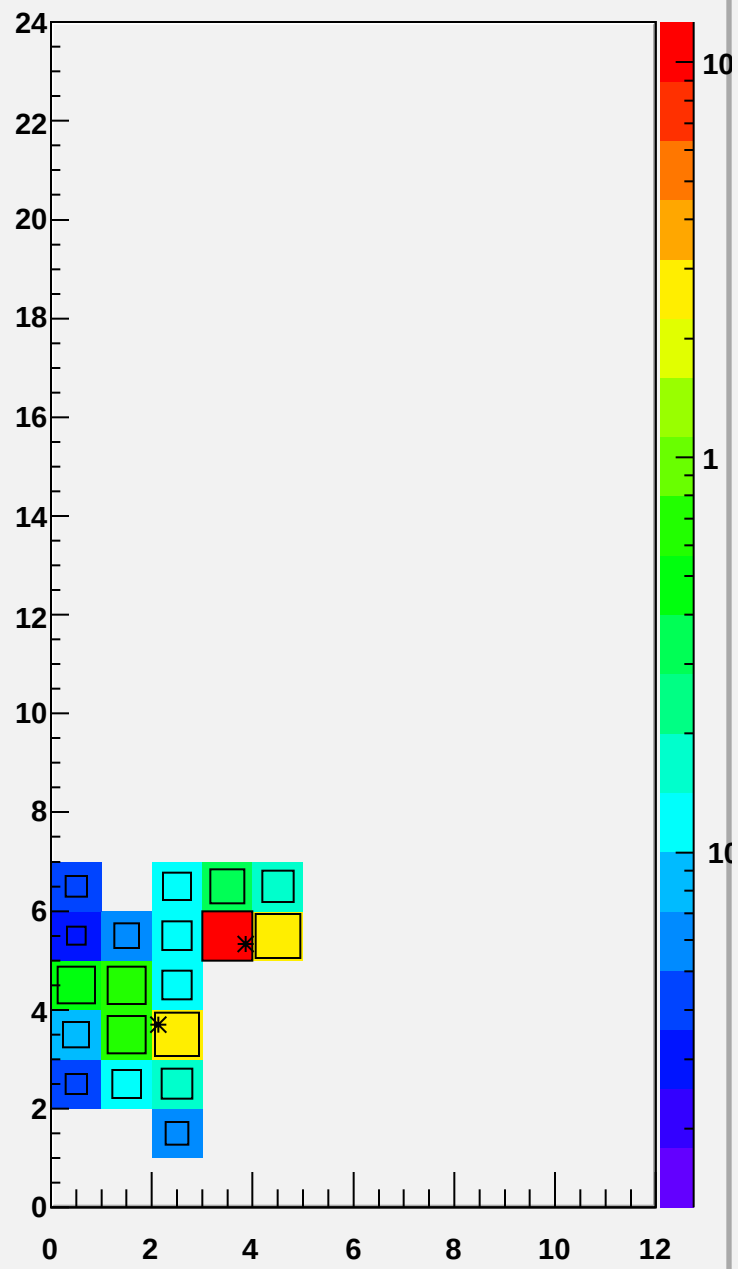
Fitted Energies



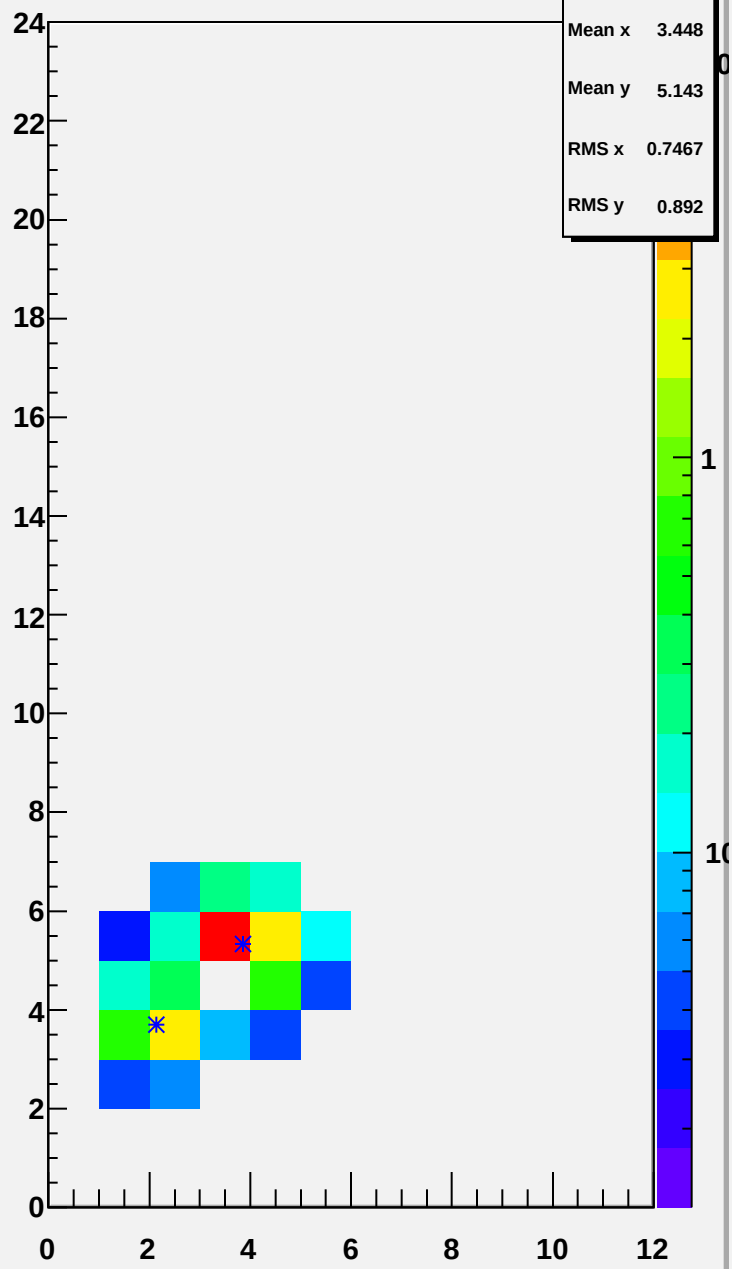
Efit

Entries	288
Mean x	2.306
Mean y	5.577
RMS x	0.6934
RMS y	4.774

NSTB3_r4_c3_En=21.6_m0=0.112 m1=0.112 index=2046



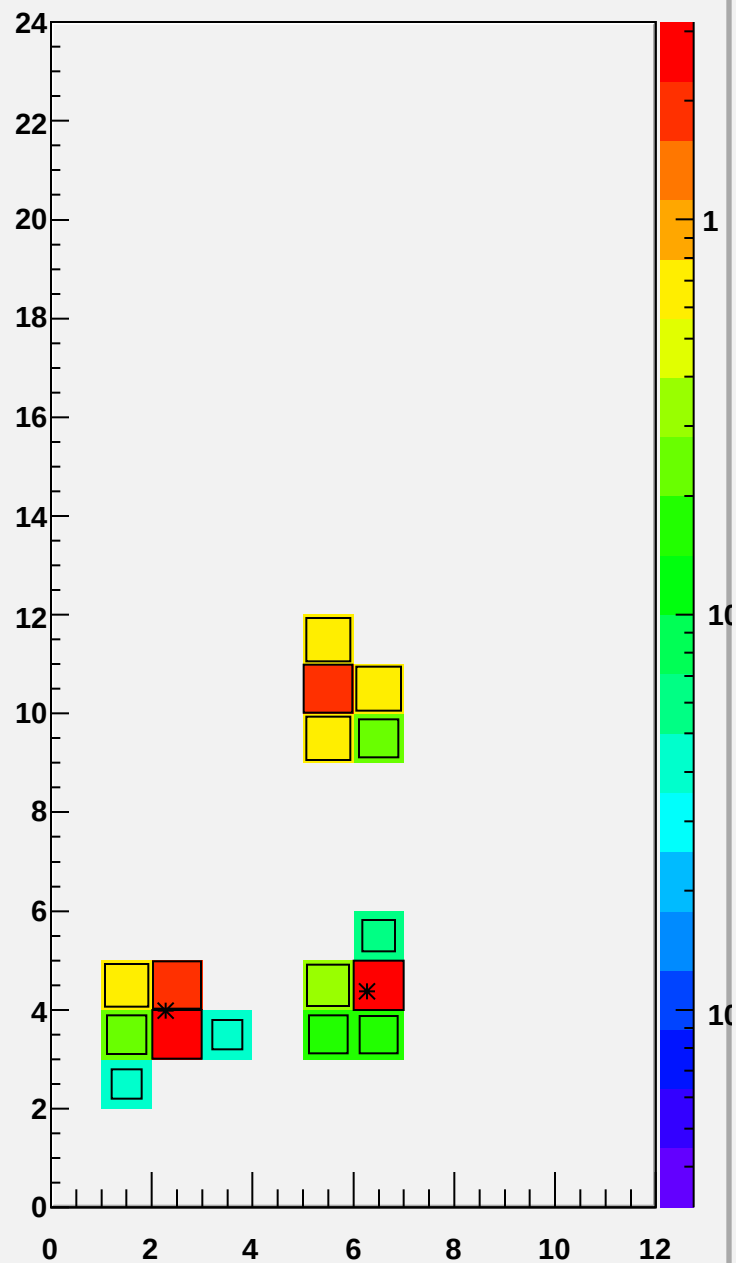
Fitted Energies



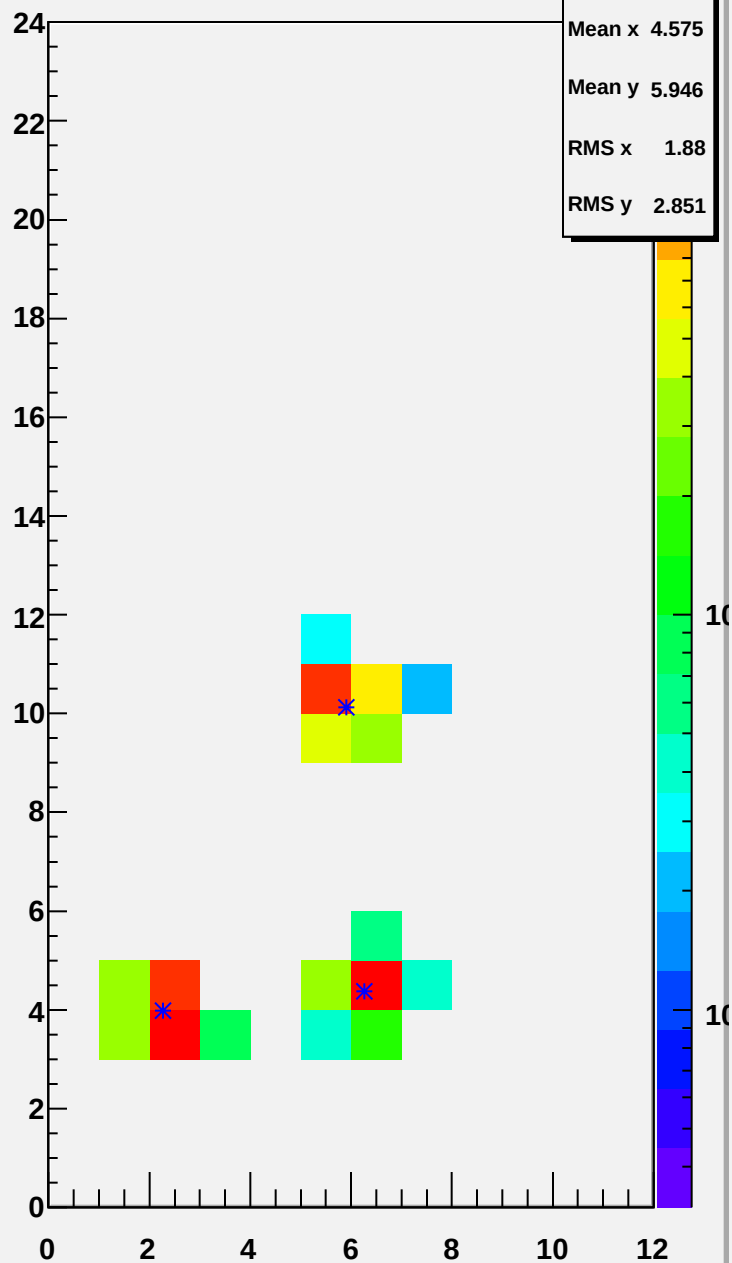
Efit

Entries	288
Mean x	3.448
Mean y	5.143
RMS x	0.7467
RMS y	0.892

NSTB3_r4_c3_En=13.6_m0=0.106 m1=0.106 index=2047



Fitted Energies



Efit

Entries 288

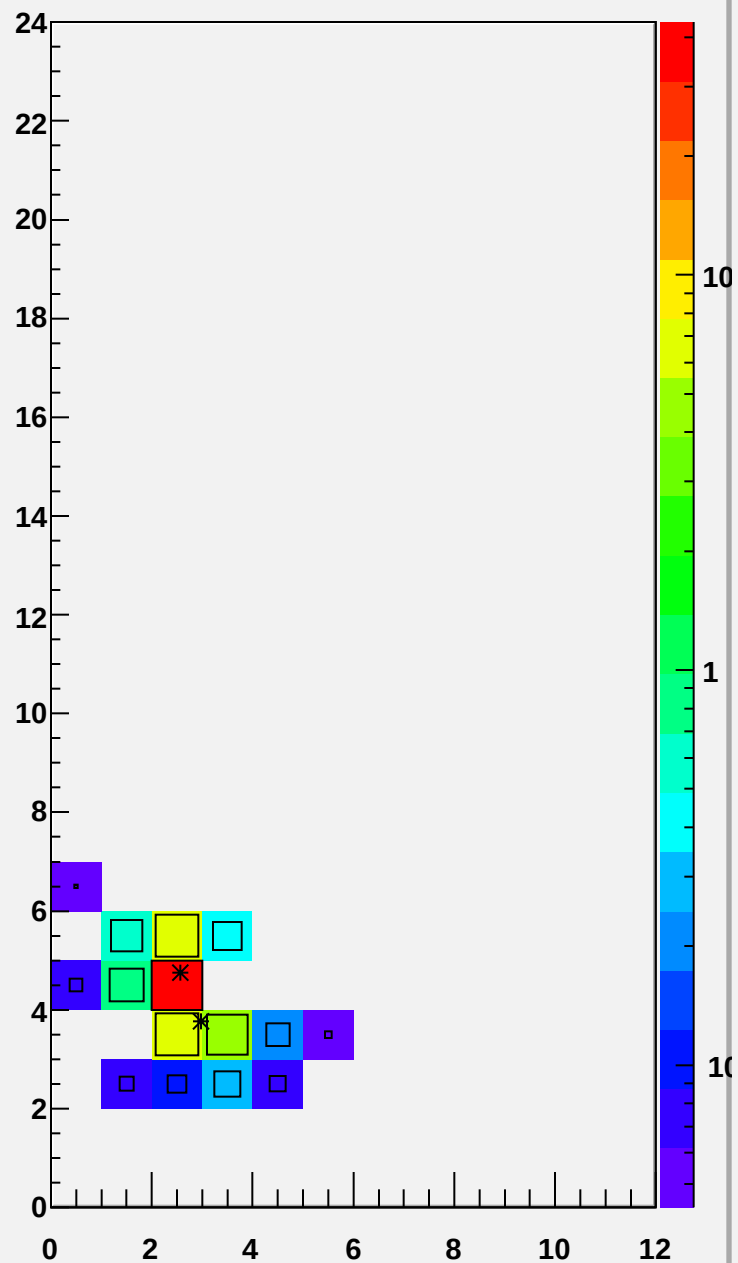
Mean x 4.575

Mean y 5.946

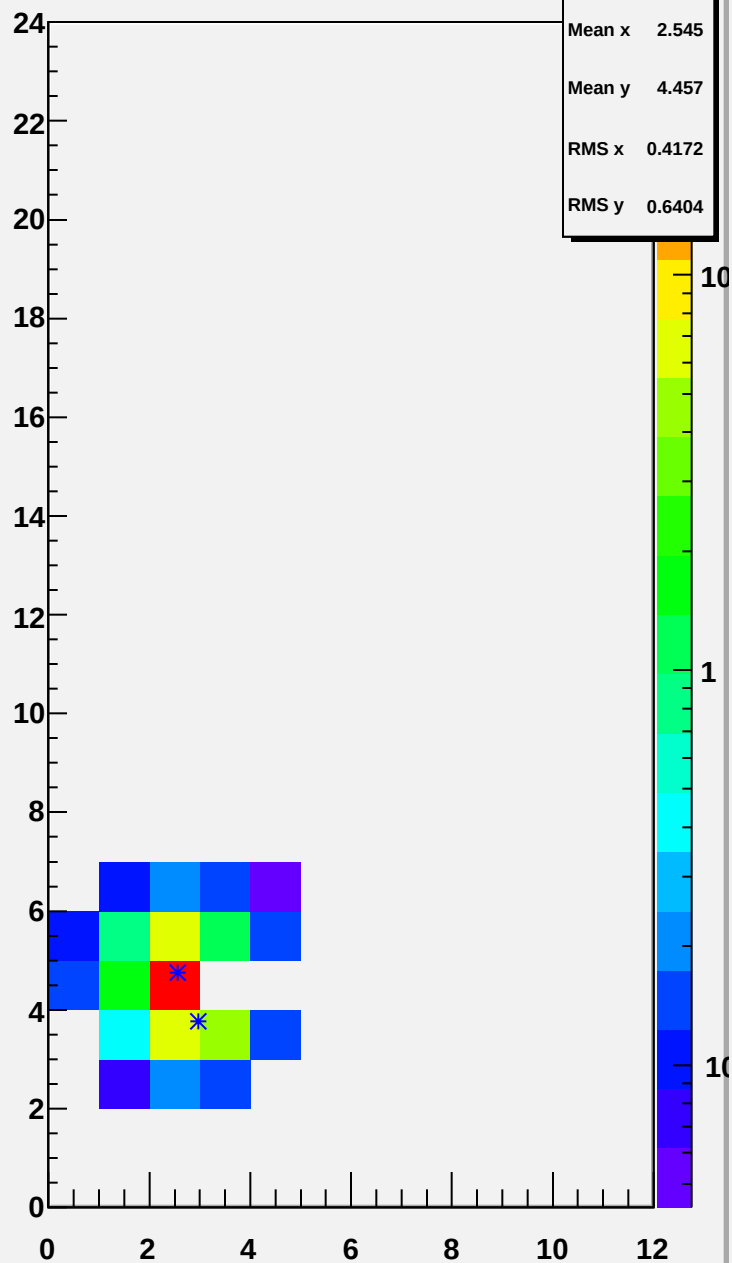
RMS x 1.88

RMS y 2.851

NSTB3_r4_c3_En=63.5_m0=0.149 m1=0.150 index=2048



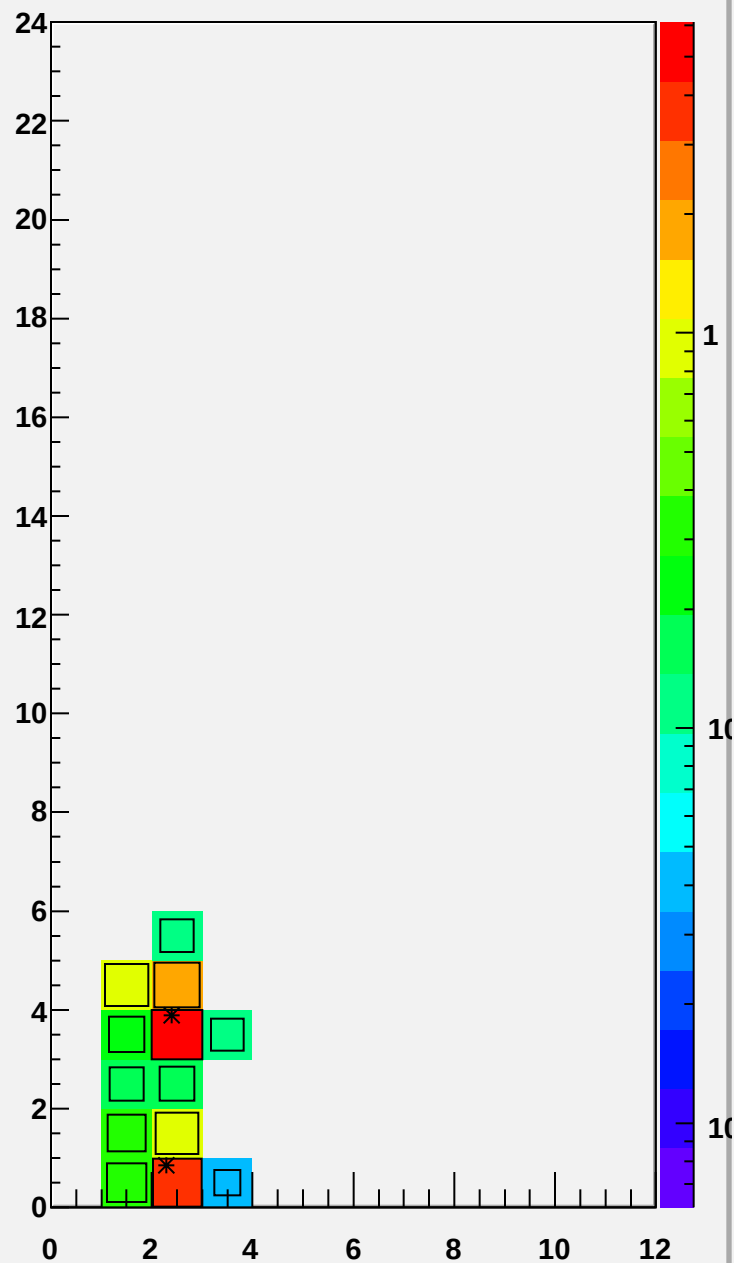
Fitted Energies



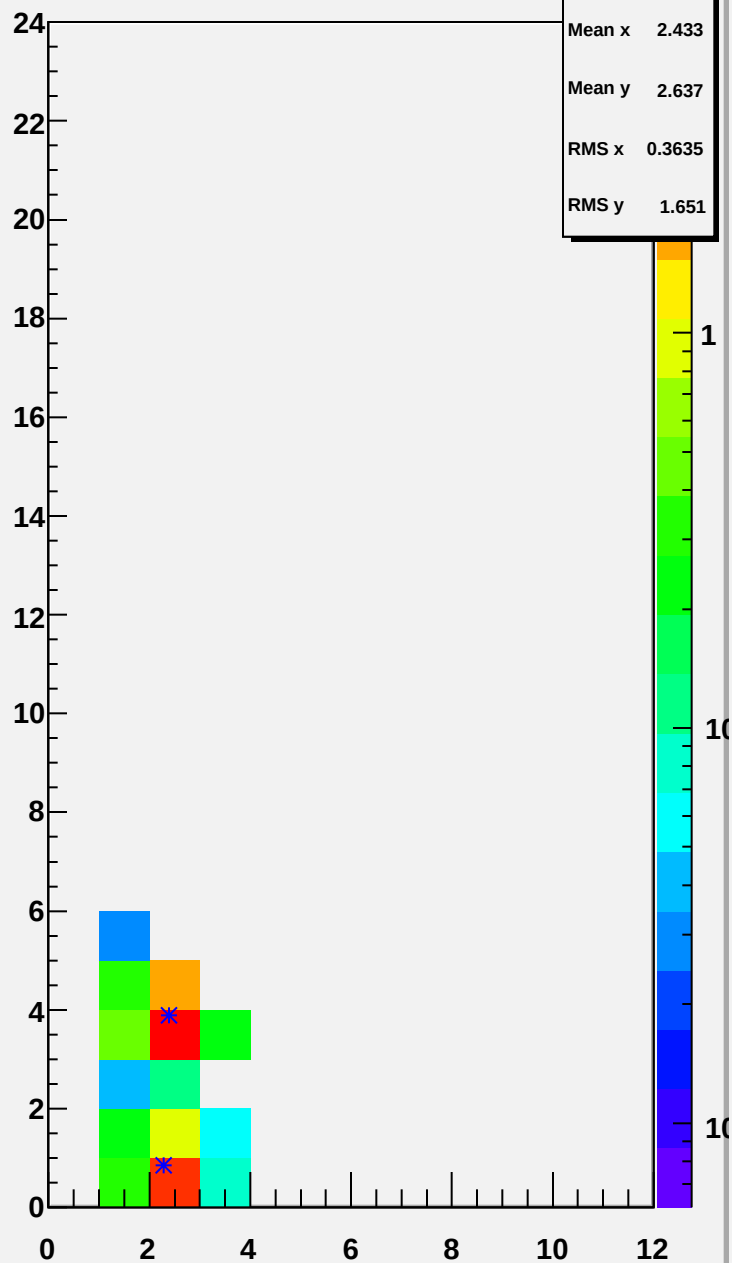
Efit

Entries	288
Mean x	2.545
Mean y	4.457
RMS x	0.4172
RMS y	0.6404

NSTB3_r4_c3_En=15.1_m0=0.123 m1=0.123 index=2049



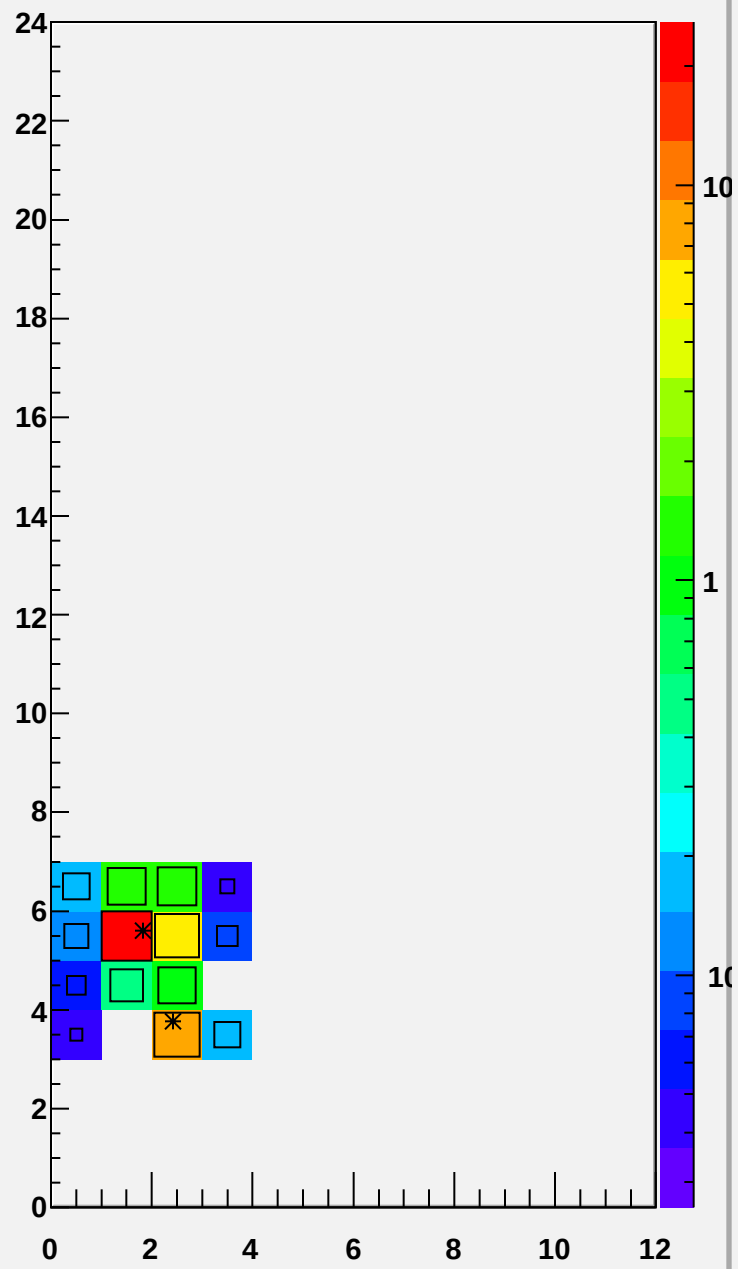
Fitted Energies



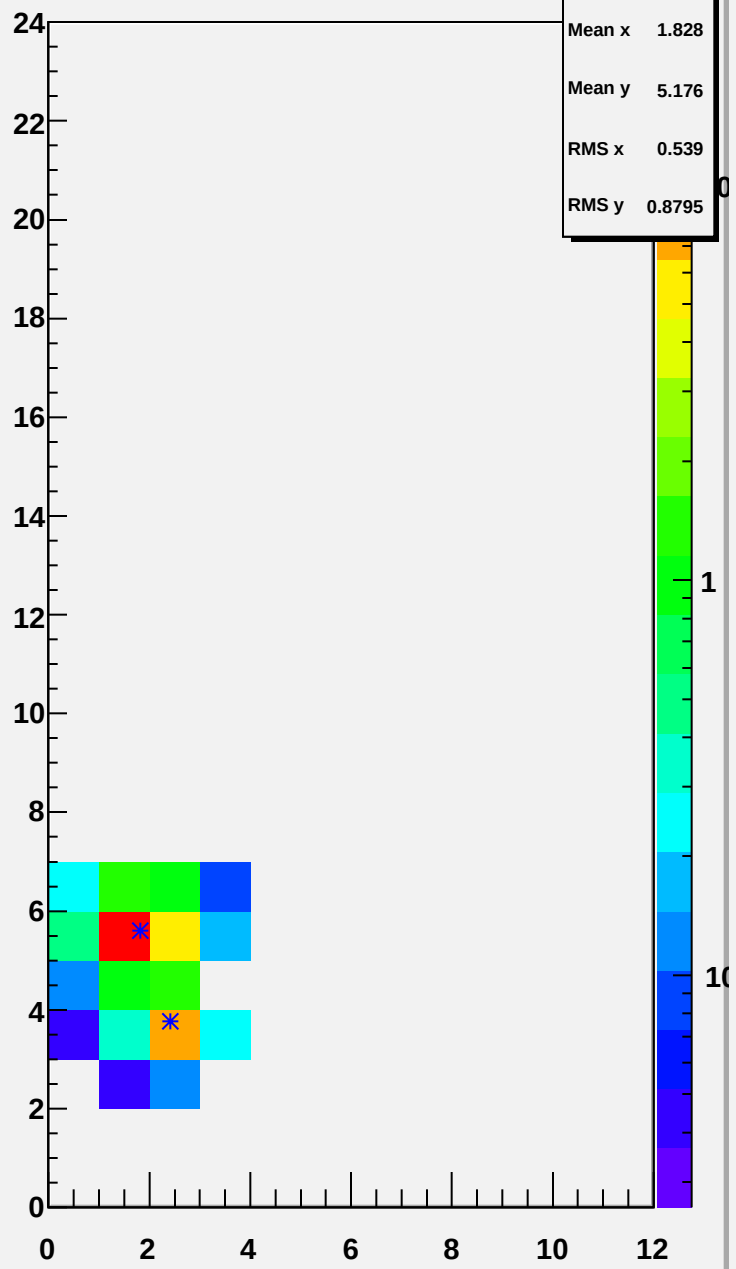
Efit

Entries	288
Mean x	2.433
Mean y	2.637
RMS x	0.3635
RMS y	1.651

NSTB3_r4_c3_En=42.3_m0=0.187 m1=0.187 index=2050



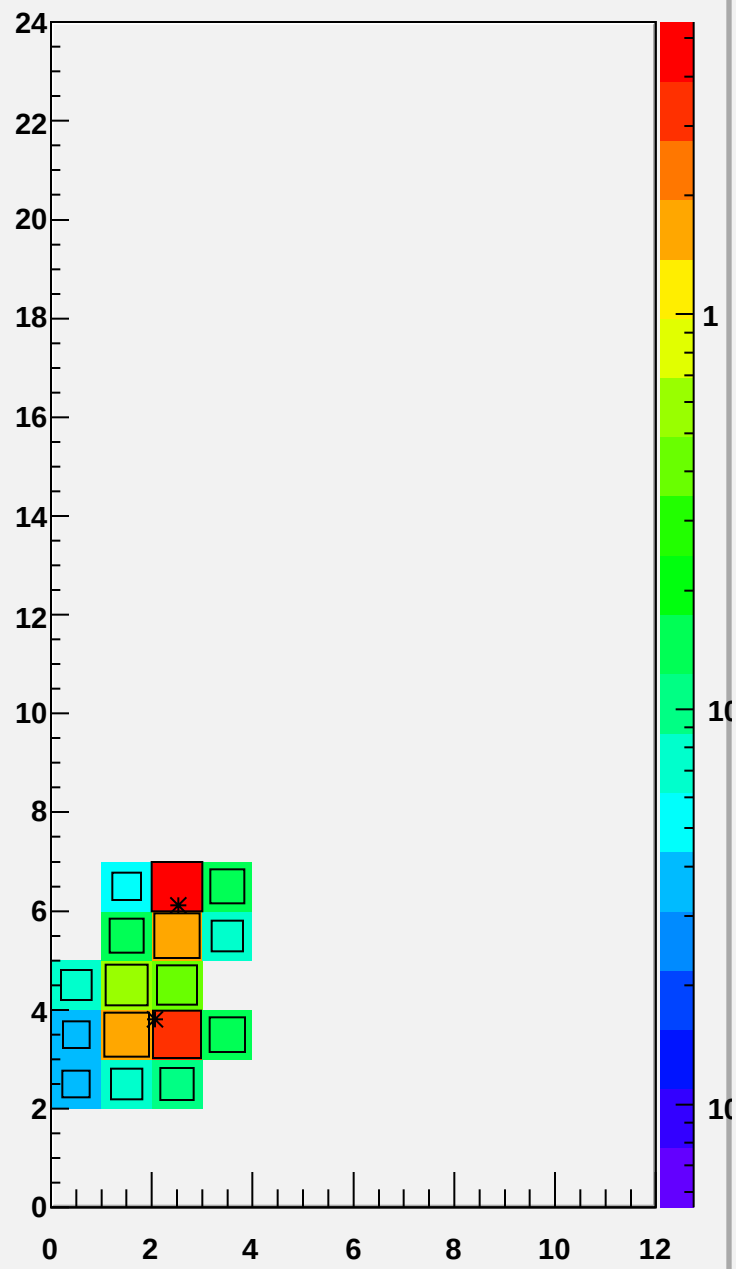
Fitted Energies



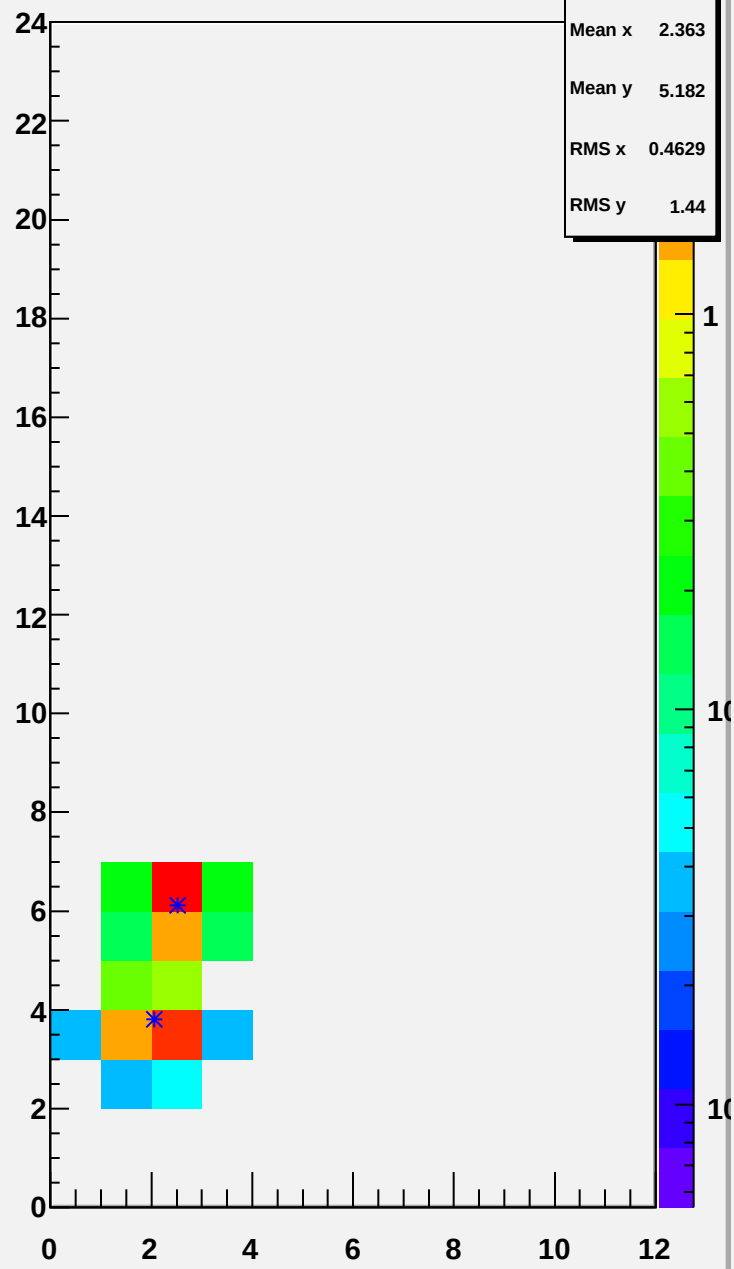
Efit

Entries	288
Mean x	1.828
Mean y	5.176
RMS x	0.539
RMS y	0.8795

NSTB3_r4_c3_En=13.5_m0=0.089 m1=0.089 index=2051



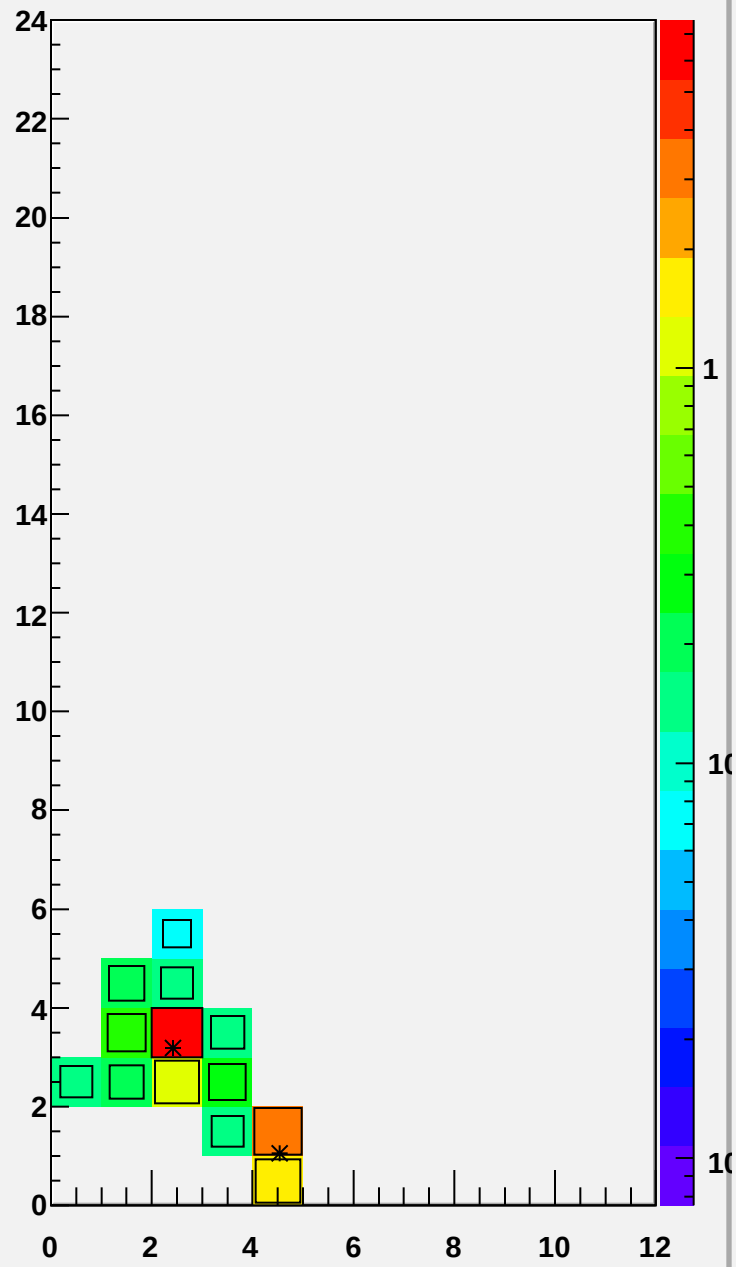
Fitted Energies



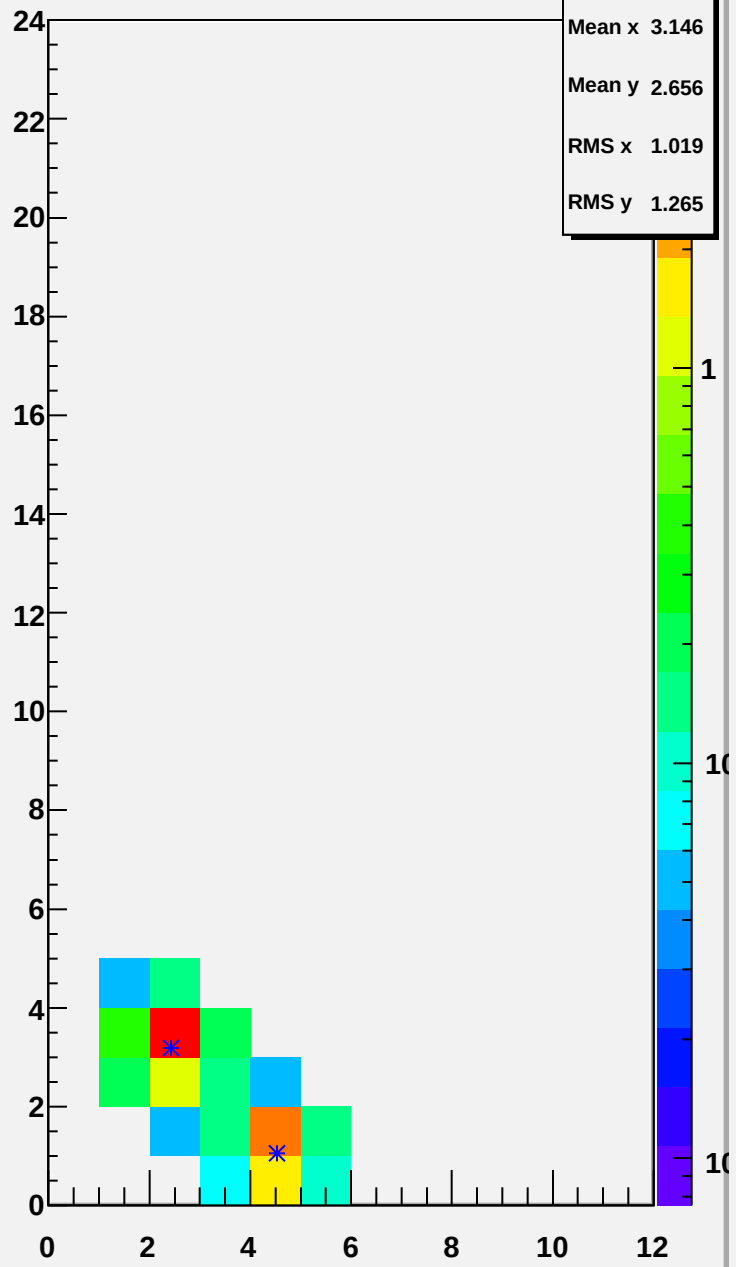
Efit

Entries	288
Mean x	2.363
Mean y	5.182
RMS x	0.4629
RMS y	1.44

NSTB3_r4_c3_En=15.3_m0=0.122 m1=0.122 index=2052



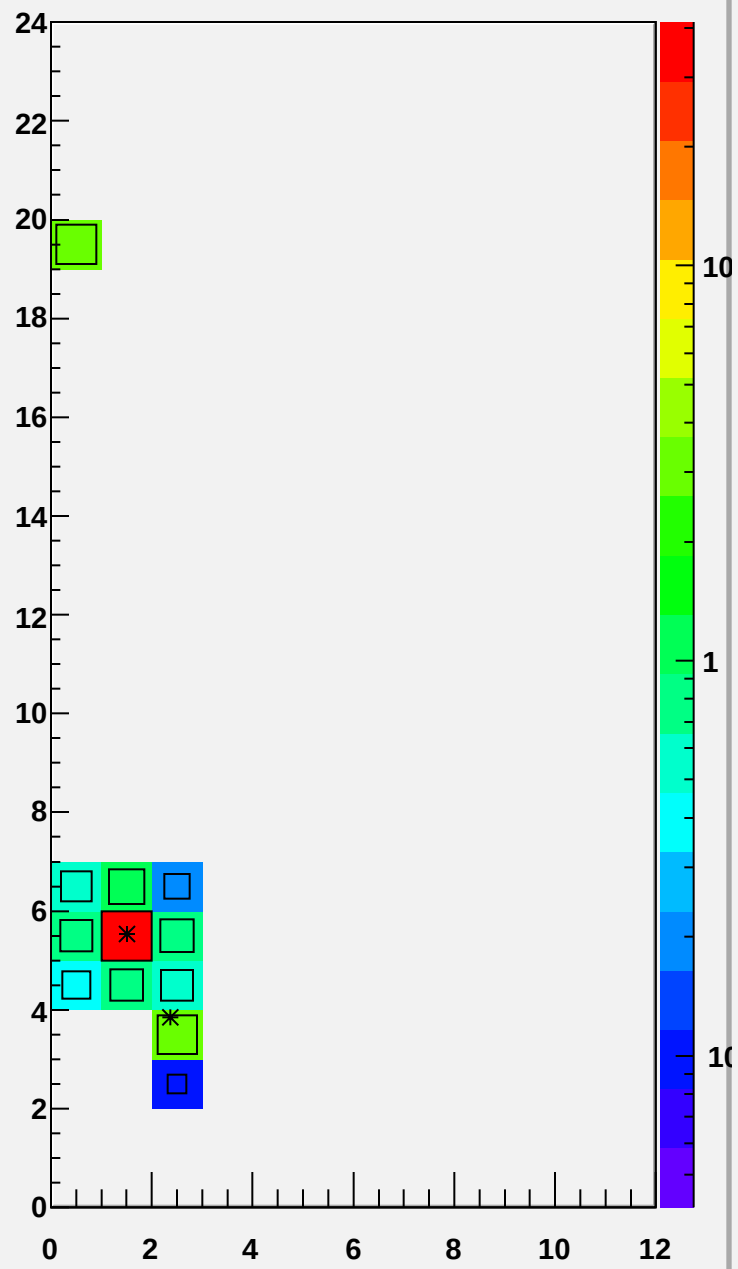
Fitted Energies



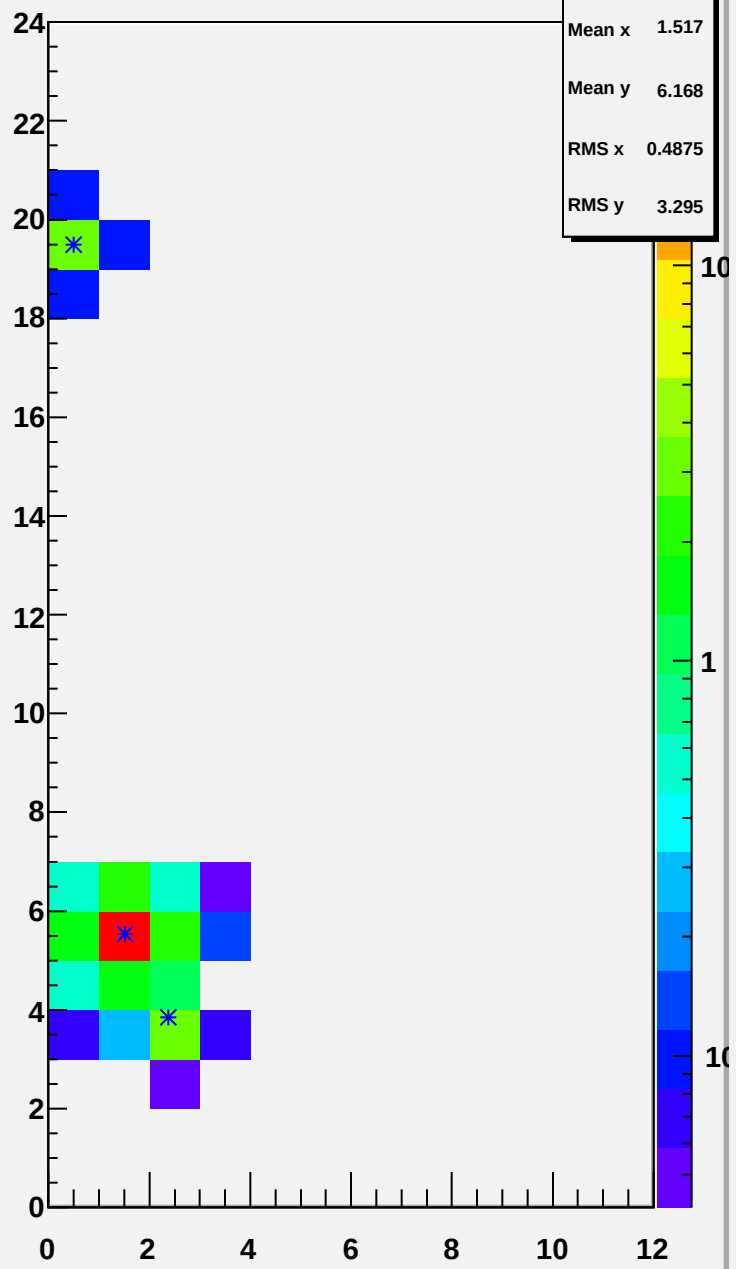
Efit

Entries 288
Mean x 3.146
Mean y 2.656
RMS x 1.019
RMS y 1.265

NSTB3_r4_c3_En=52.6_m0=0.145 m1=0.145 index=2054



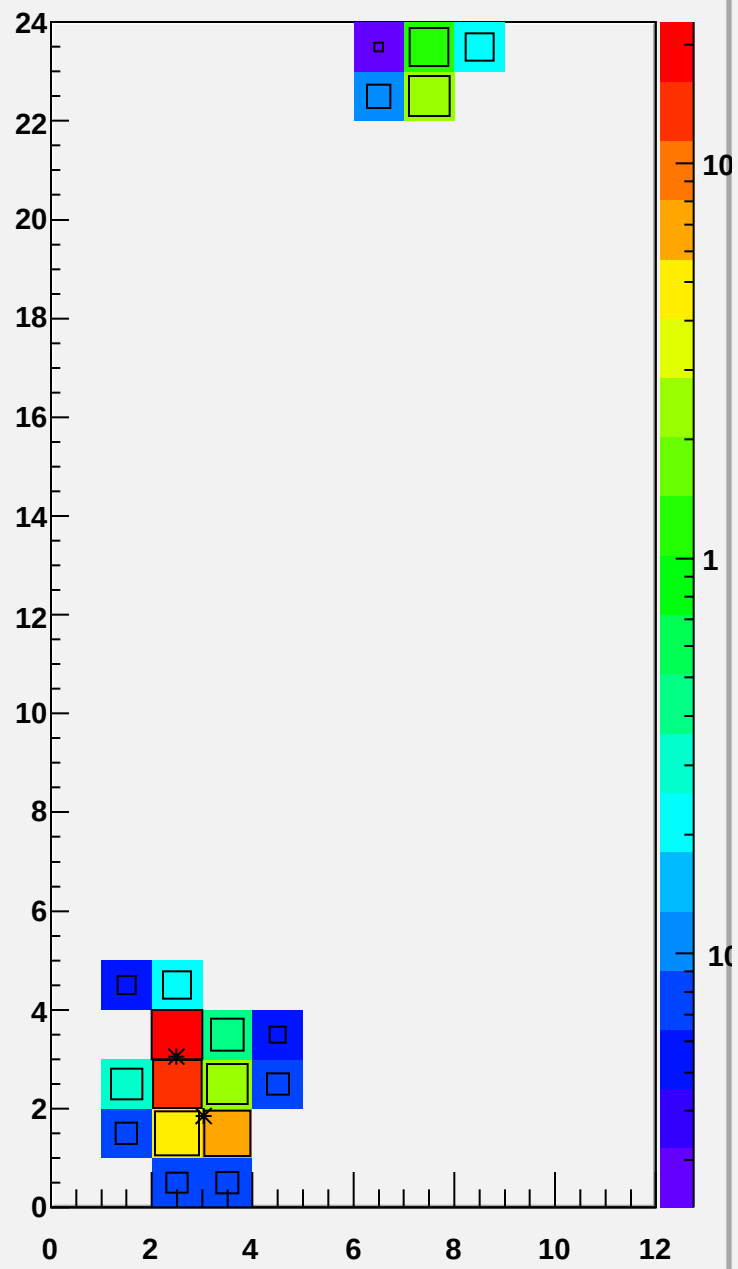
Fitted Energies



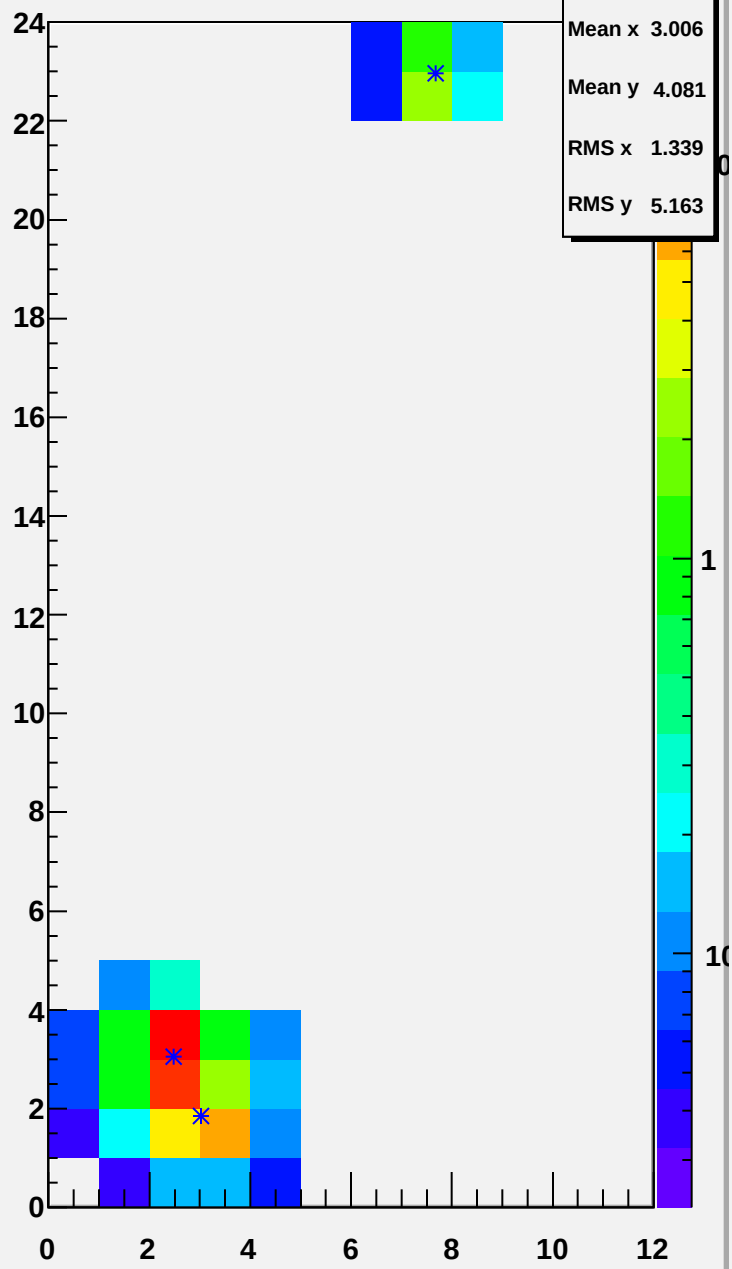
Efit

Entries	288
Mean x	1.517
Mean y	6.168
RMS x	0.4875
RMS y	3.295

NSTB3_r4_c3_En=56.1_m0=0.173 m1=0.174 index=2055



Fitted Energies



Efit

Entries 288

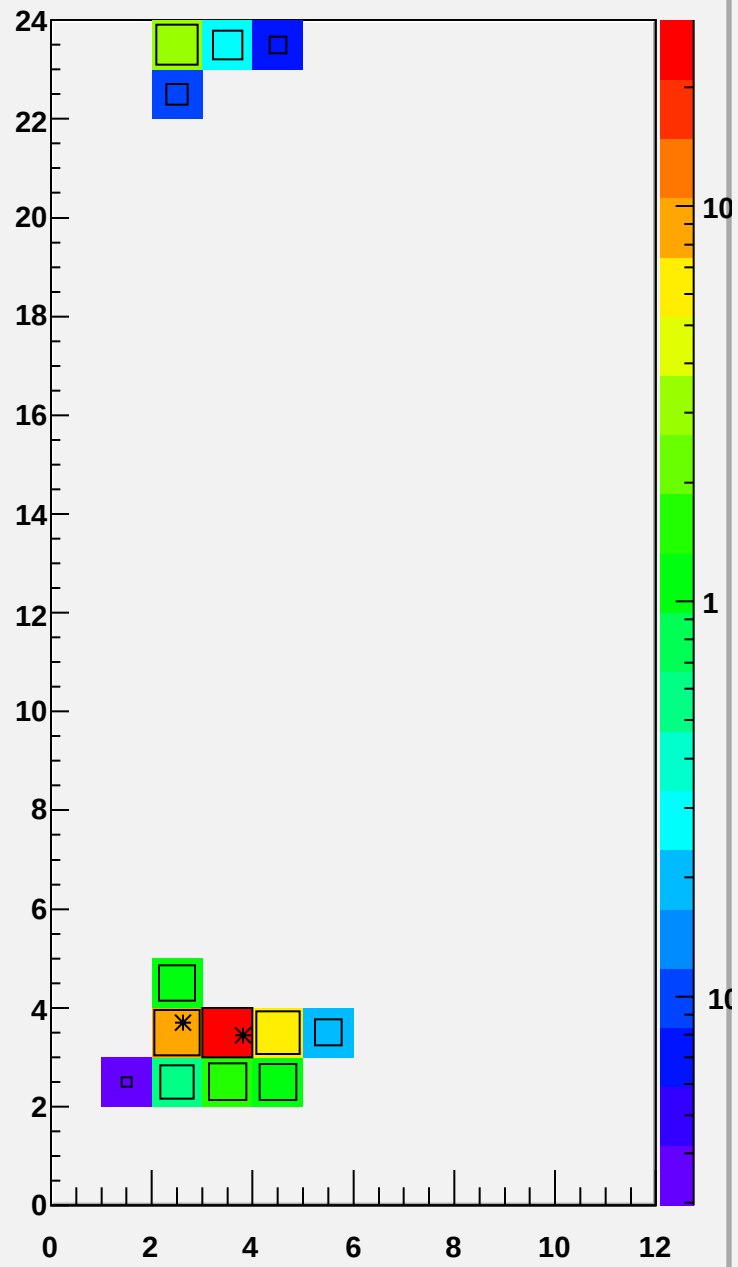
Mean x 3.006

Mean y 4.081

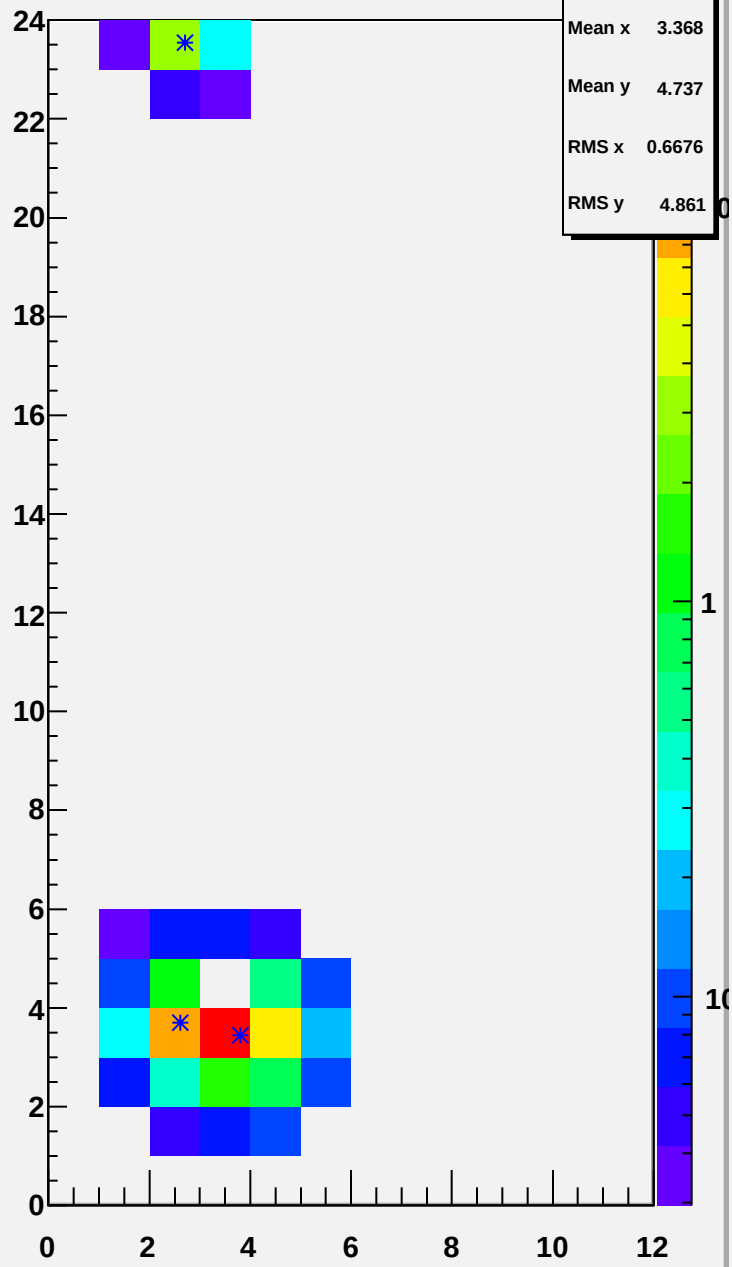
RMS x 1.339

RMS y 5.163

NSTB3_r4_c3_En=51.7_m0=0.137 m1=0.137 index=2056



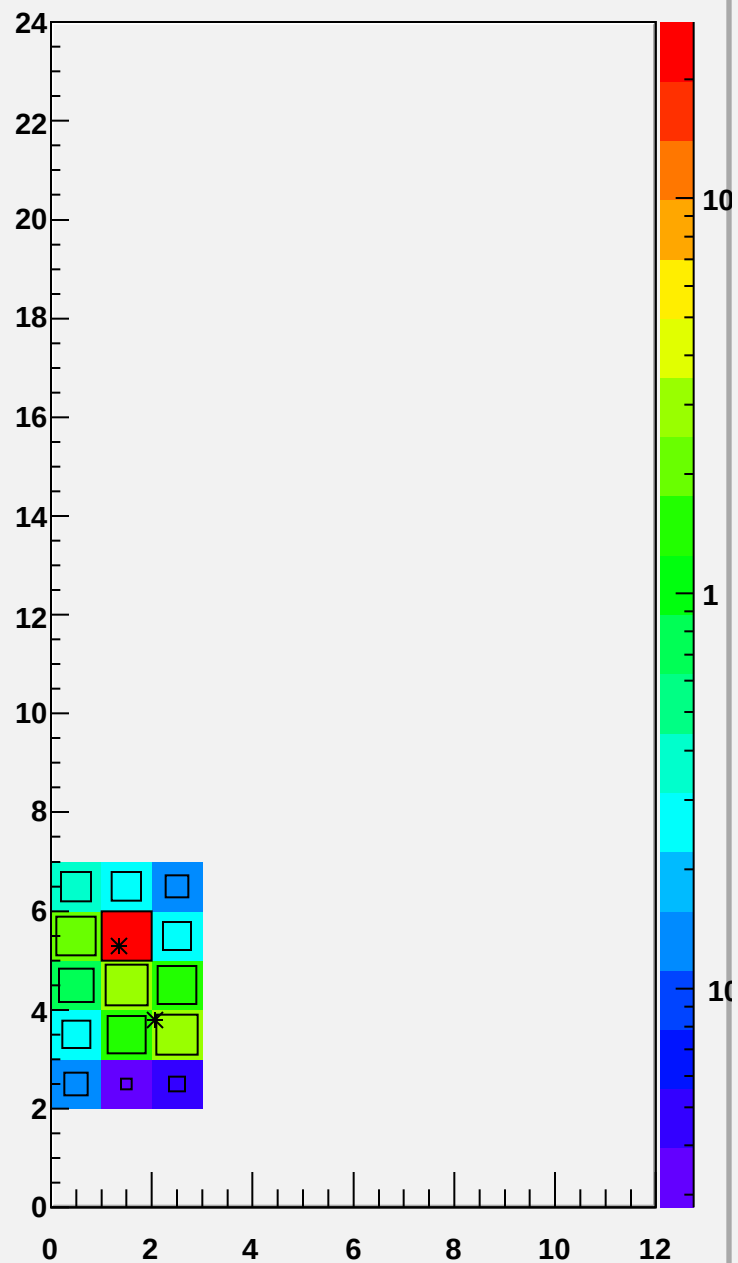
Fitted Energies



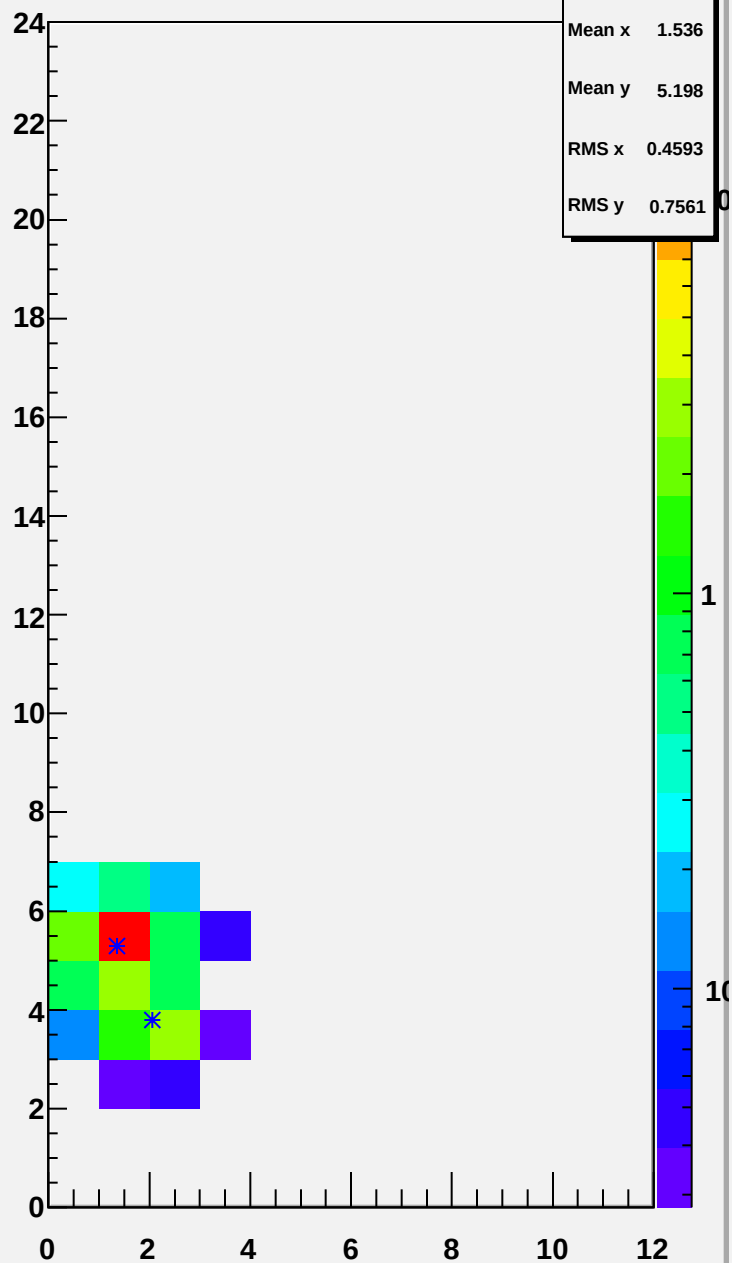
Efit

Entries	288
Mean x	3.368
Mean y	4.737
RMS x	0.6676
RMS y	4.861

NSTB3_r4_c3_En=40.5_m0=0.122 m1=0.121 index=2057



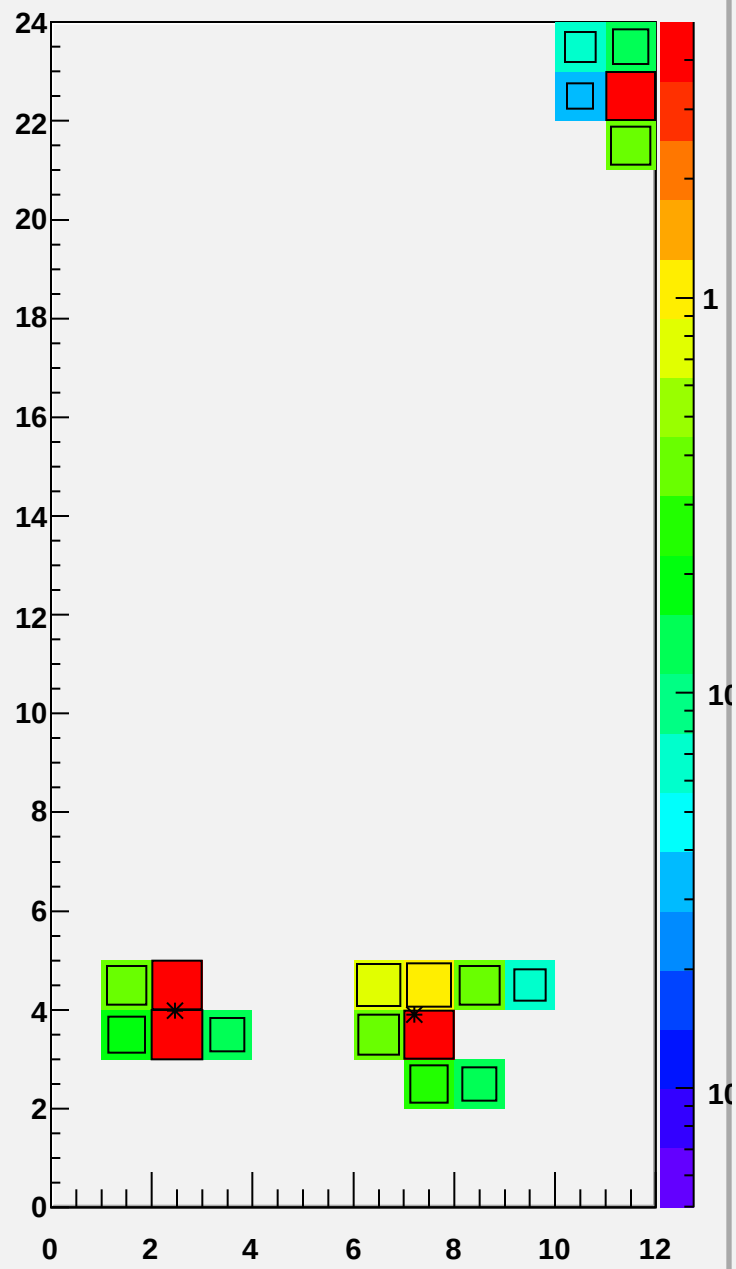
Fitted Energies



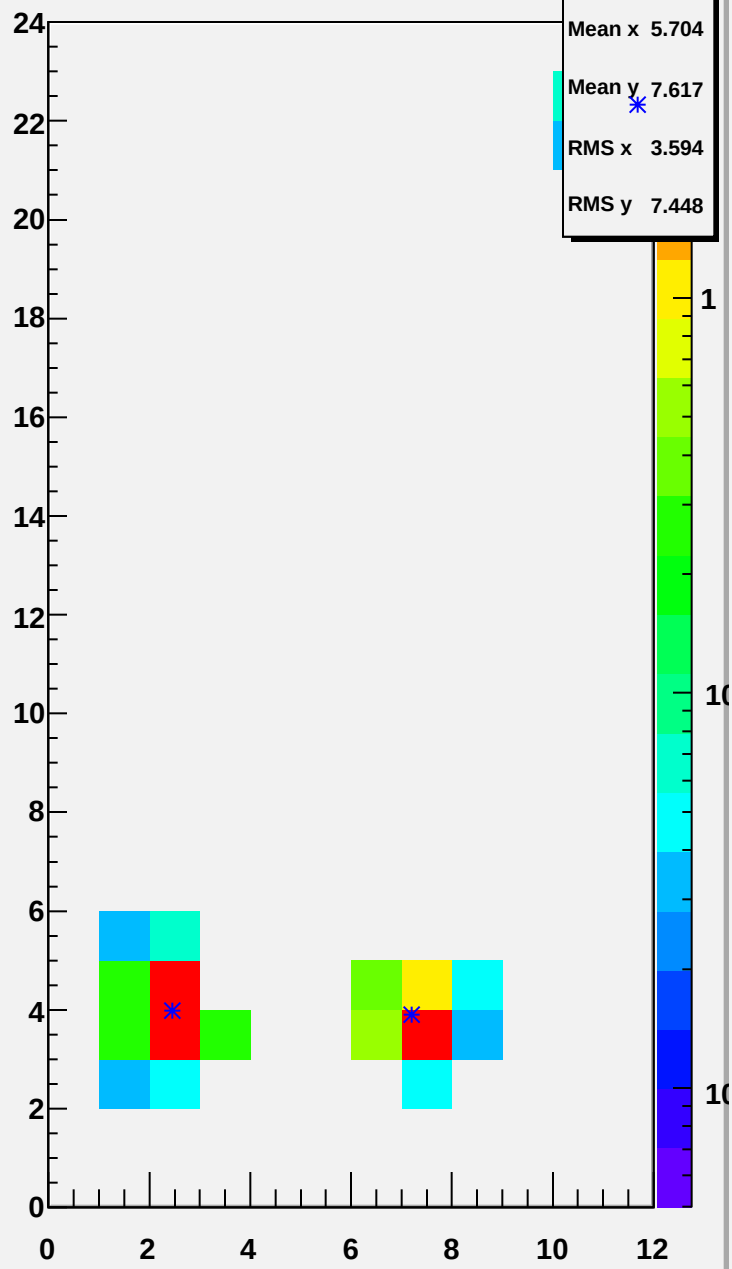
Efit

Entries	288
Mean x	1.536
Mean y	5.198
RMS x	0.4593
RMS y	0.7561

NSTB3_r4_c3_En=20.4_m0=0.208 m1=0.208 index=2058



Fitted Energies



Efit

Entries 288

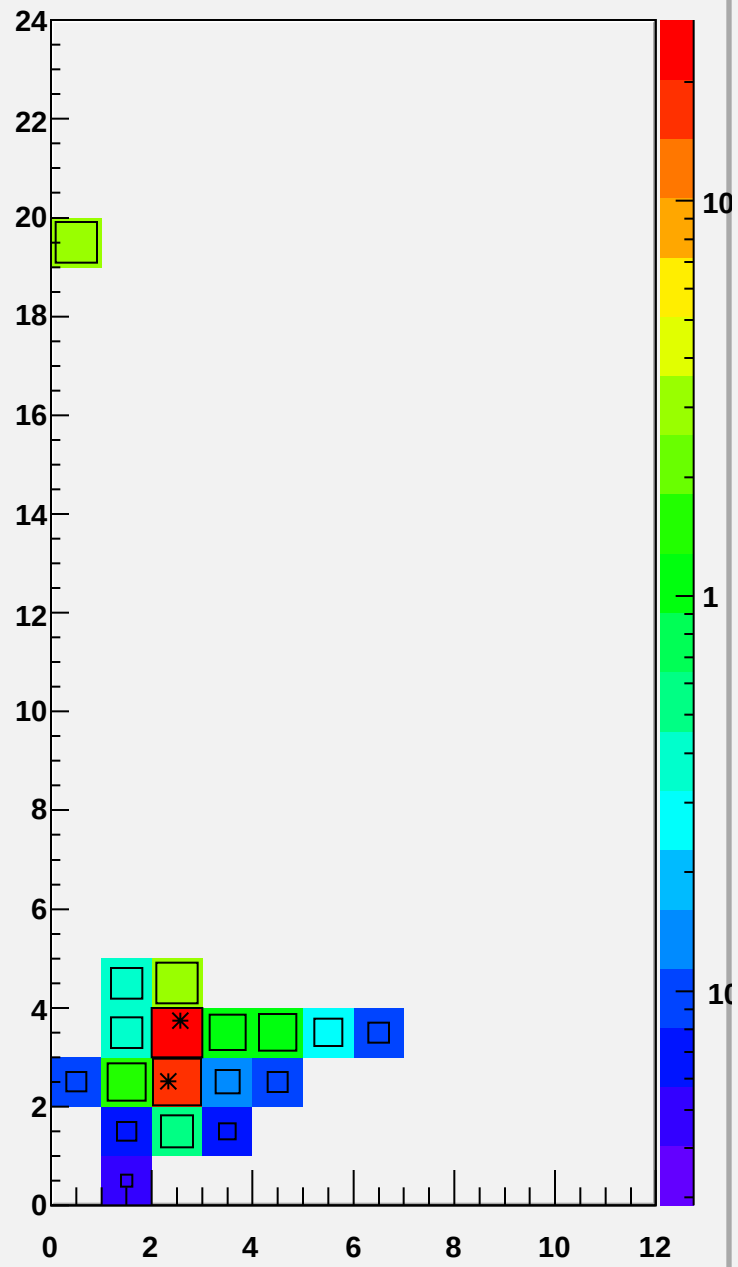
Mean x 5.704

Mean y 7.617

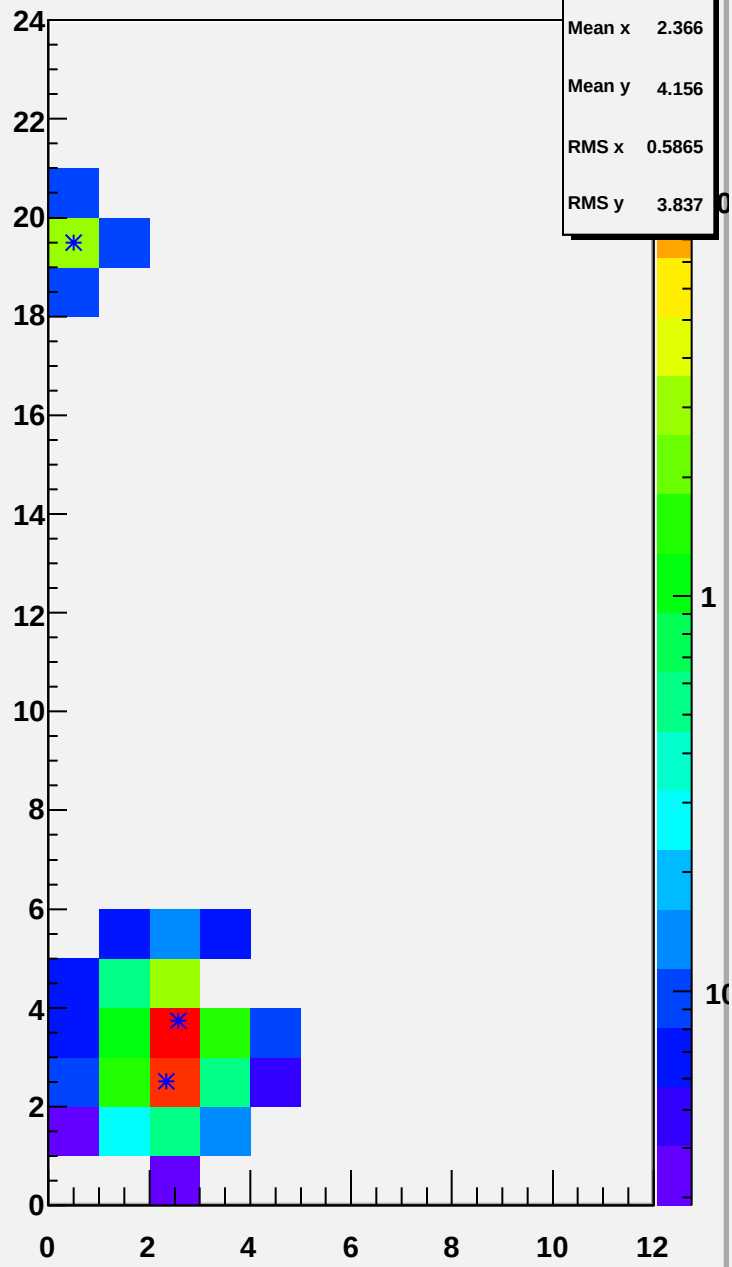
RMS x 3.594

RMS y 7.448

NSTB3_r4_c3_En=56.3_m0=0.171 m1=0.171 index=2059



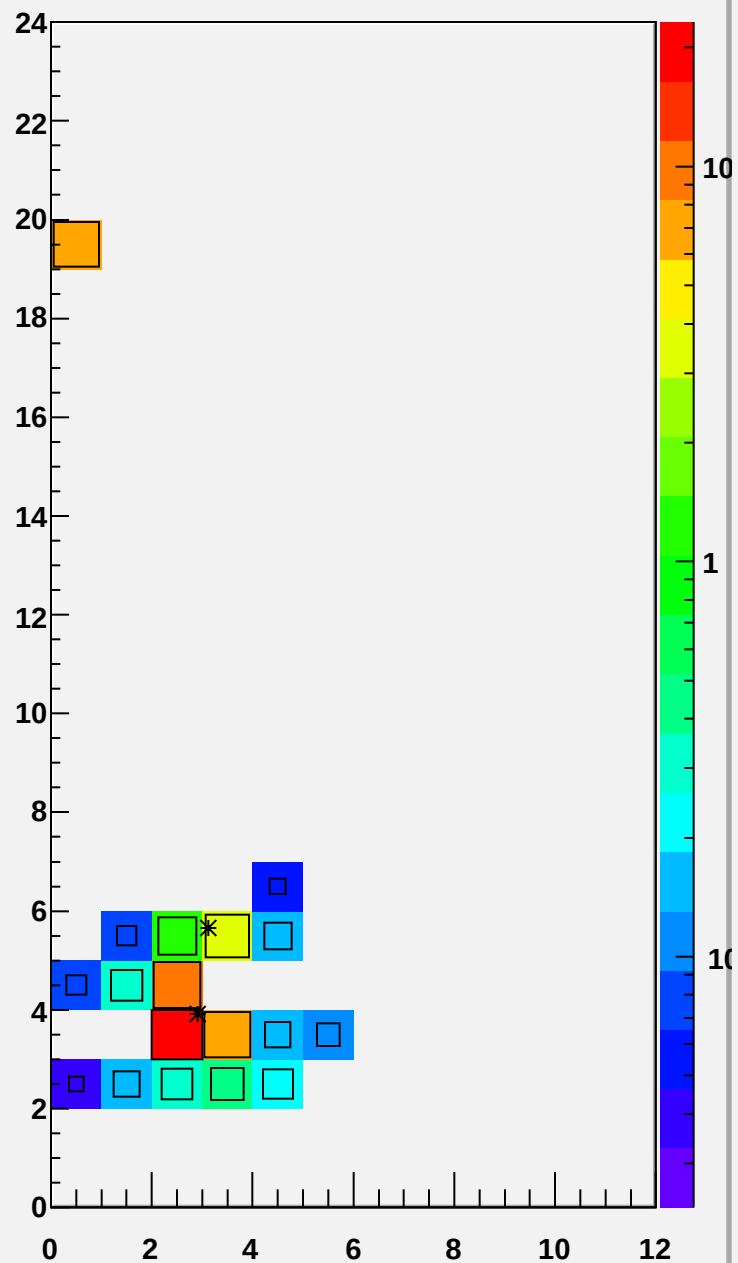
Fitted Energies



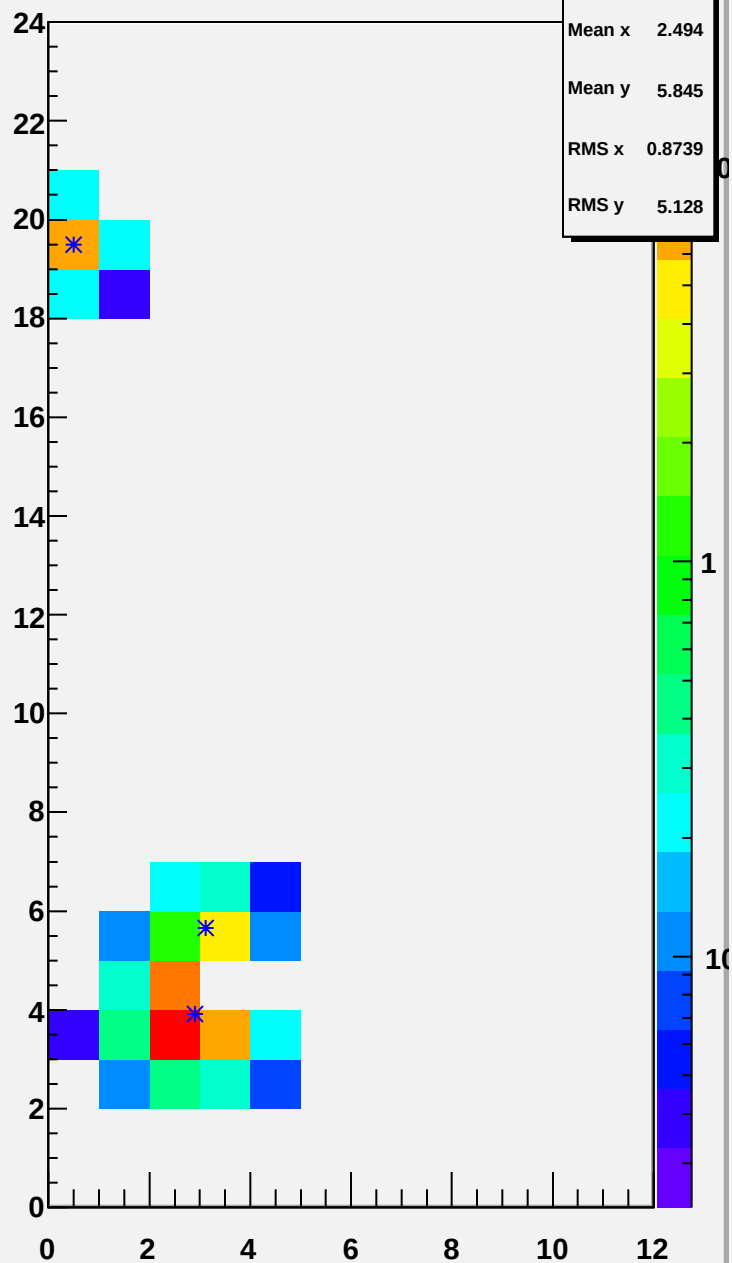
Efit

Entries	288
Mean x	2.366
Mean y	4.156
RMS x	0.5865
RMS y	3.837

NSTB3_r4_c3_En=53.9_m0=0.161 m1=0.162 index=2062



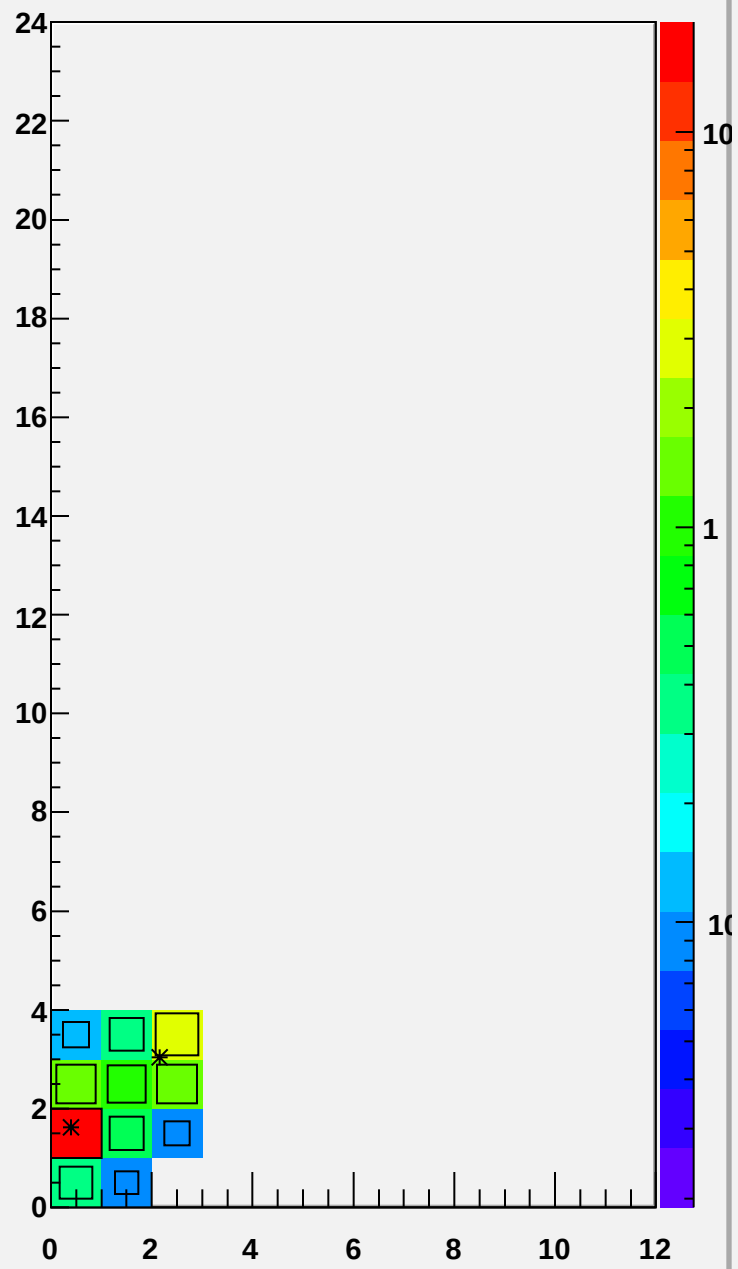
Fitted Energies



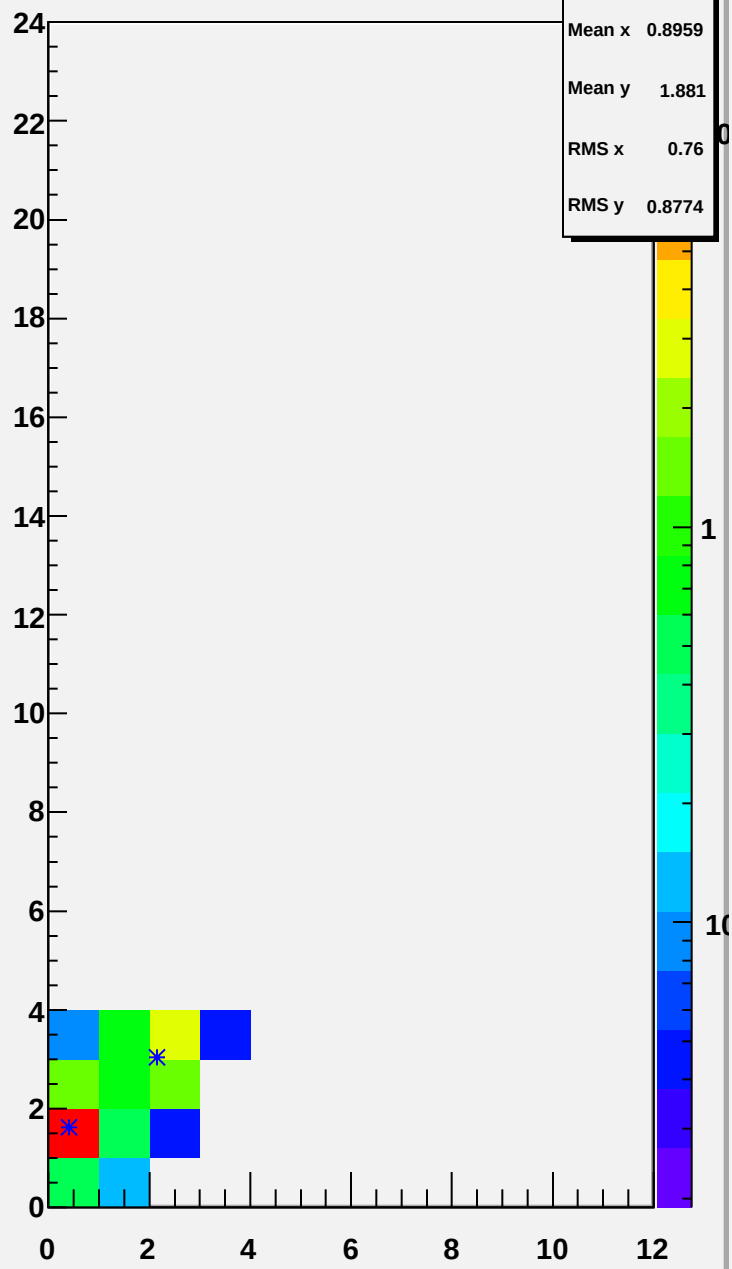
Efit

Entries	288
Mean x	2.494
Mean y	5.845
RMS x	0.8739
RMS y	5.128

NSTB3_r4_c3_En=26.9_m0=0.142 m1=0.142 index=2063



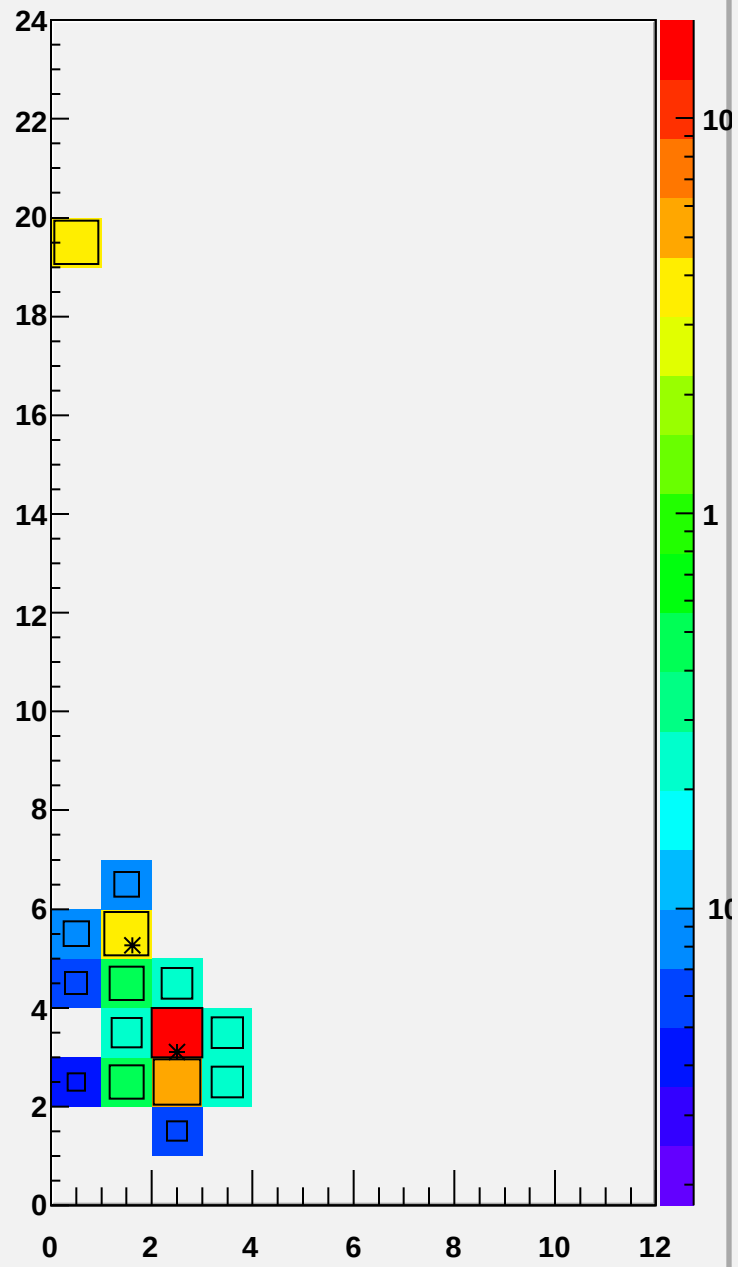
Fitted Energies



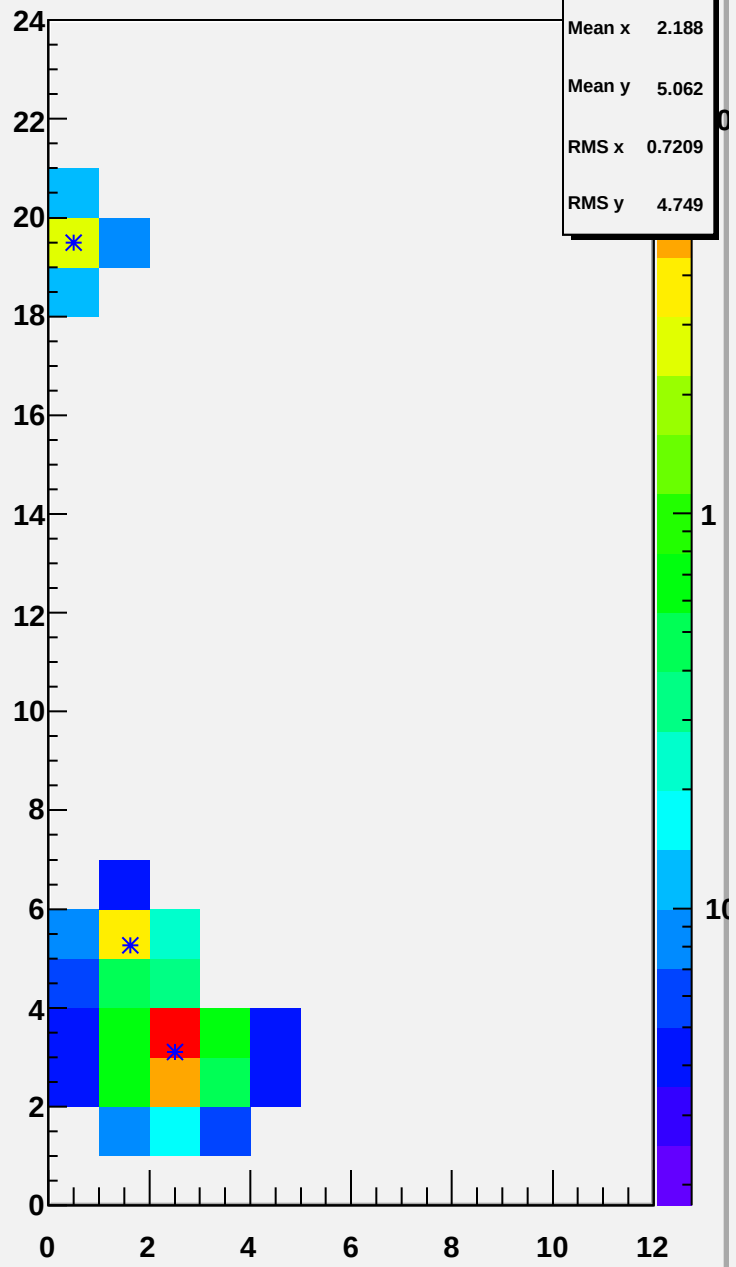
Efit

Entries	288
Mean x	0.8959
Mean y	1.881
RMS x	0.76
RMS y	0.8774

NSTB3_r4_c3_En=32.5_m0=0.140 m1=0.140 index=2064



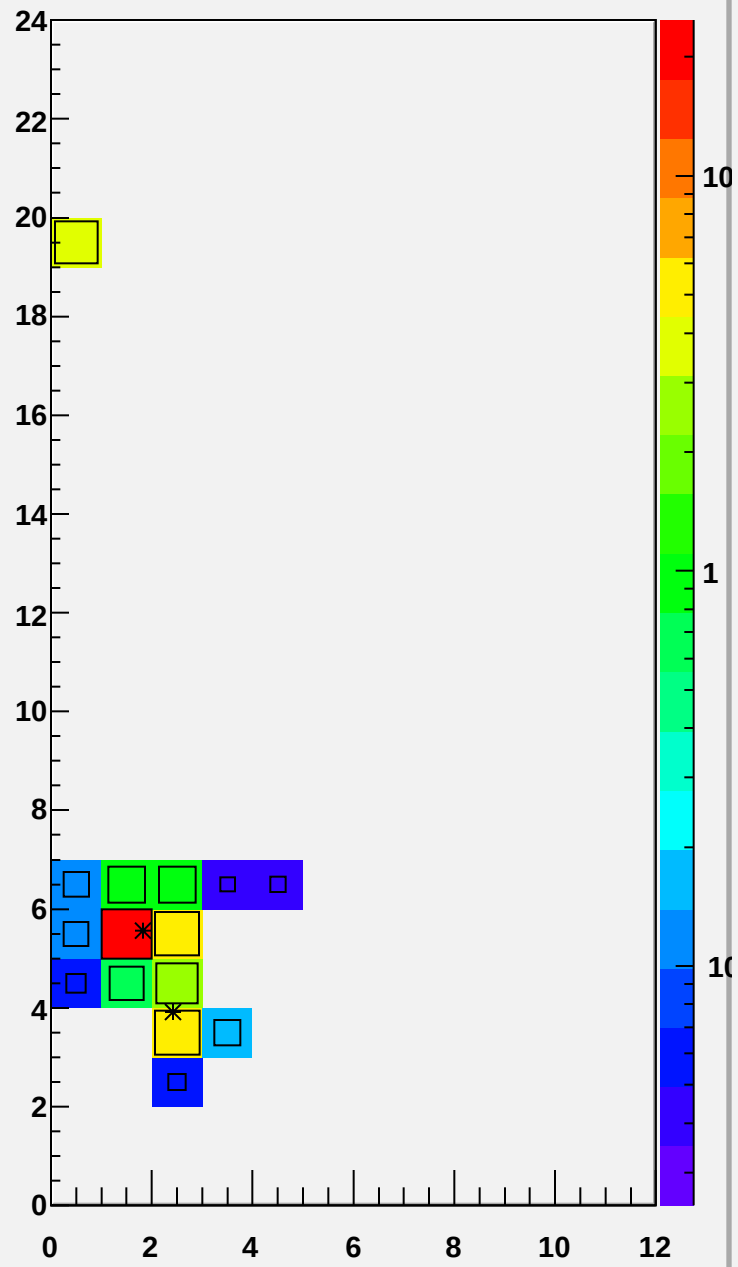
Fitted Energies



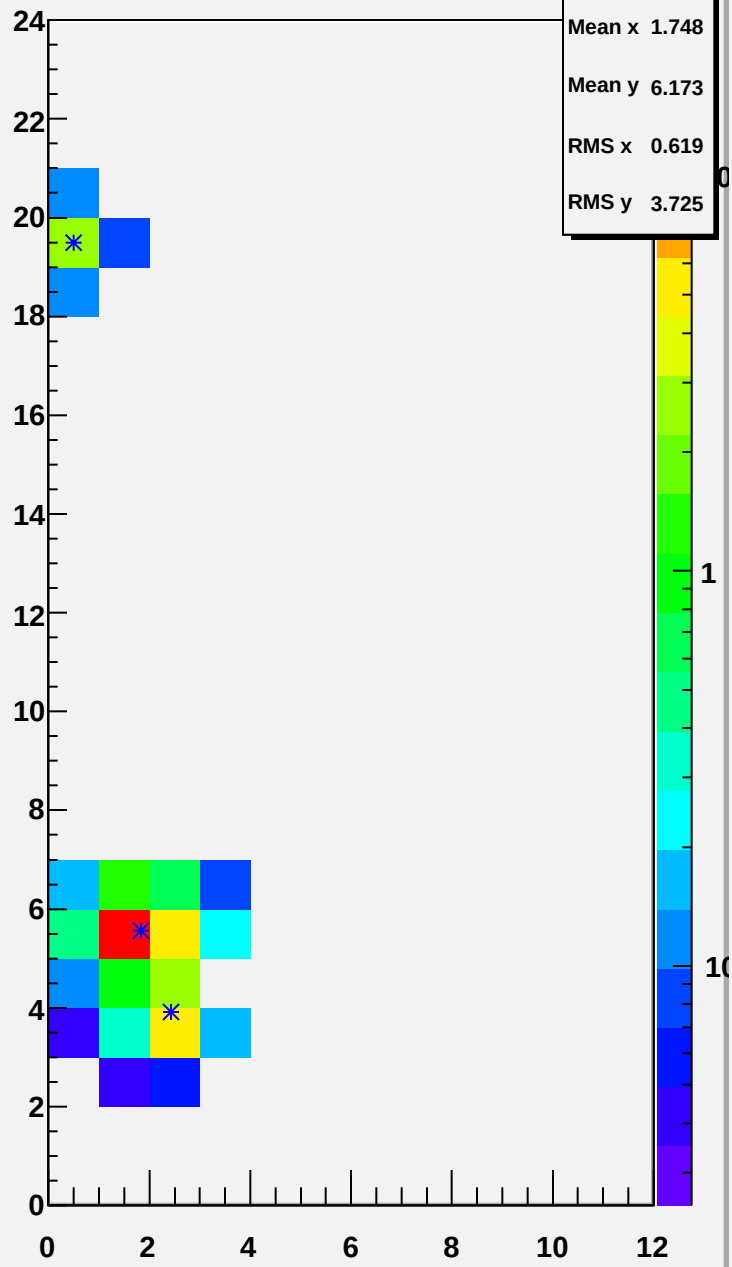
Efit

Entries	288
Mean x	2.188
Mean y	5.062
RMS x	0.7209
RMS y	4.749

NSTB3_r4_c3_En=44.1_m0=0.168 m1=0.167 index=2065



Fitted Energies



Efit

Entries 288

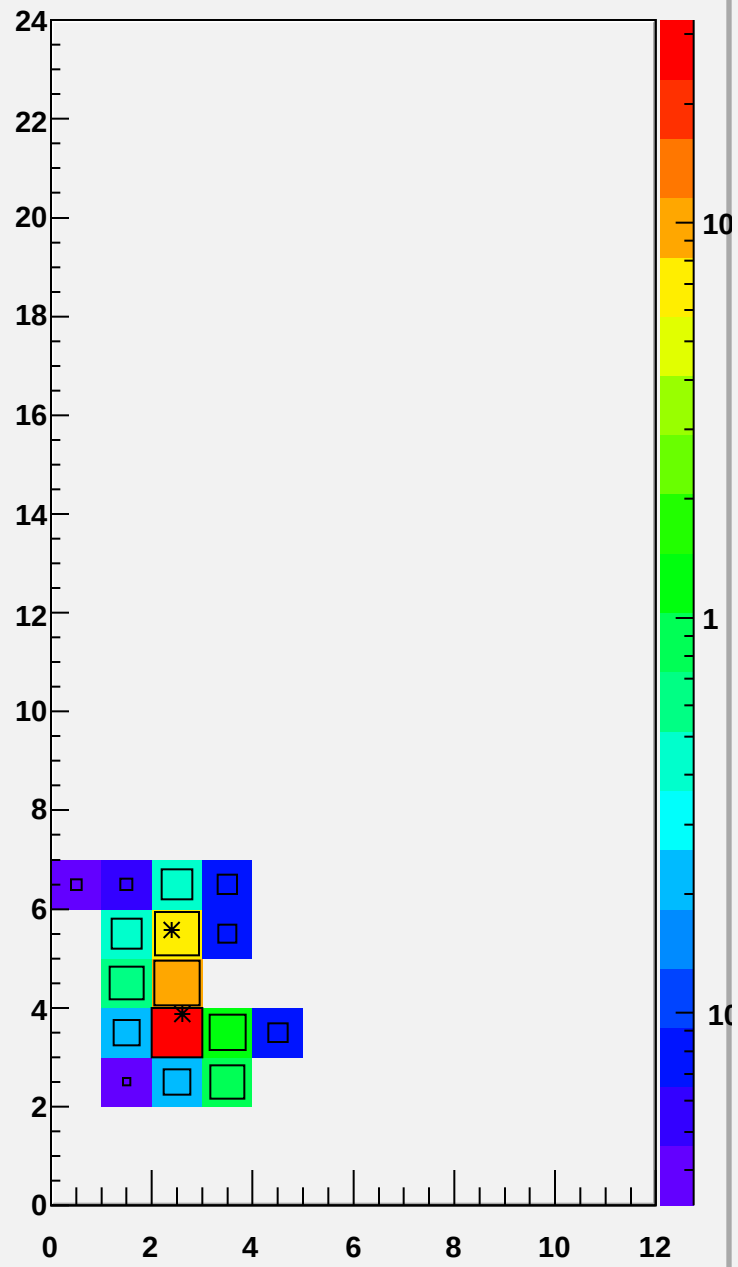
Mean x 1.748

Mean y 6.173

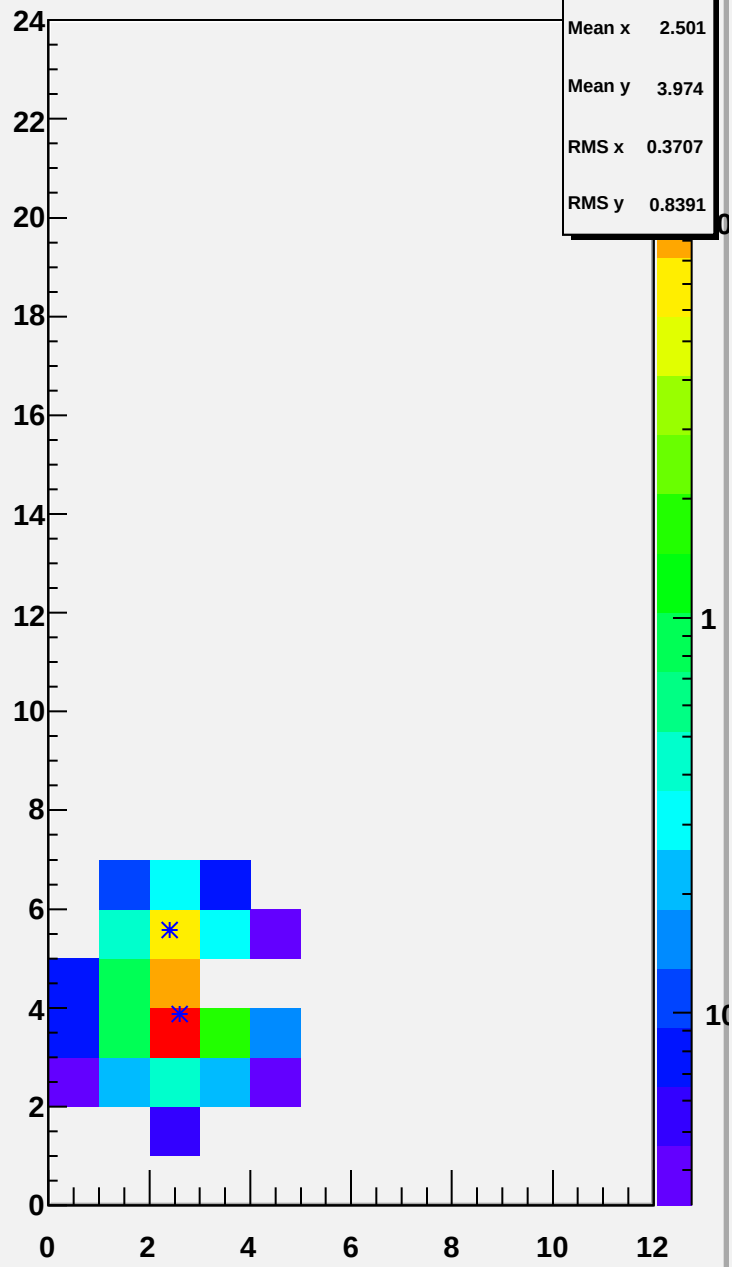
RMS x 0.619

RMS y 3.725

NSTB3_r4_c3_En=52.6_m0=0.178 m1=0.178 index=2066



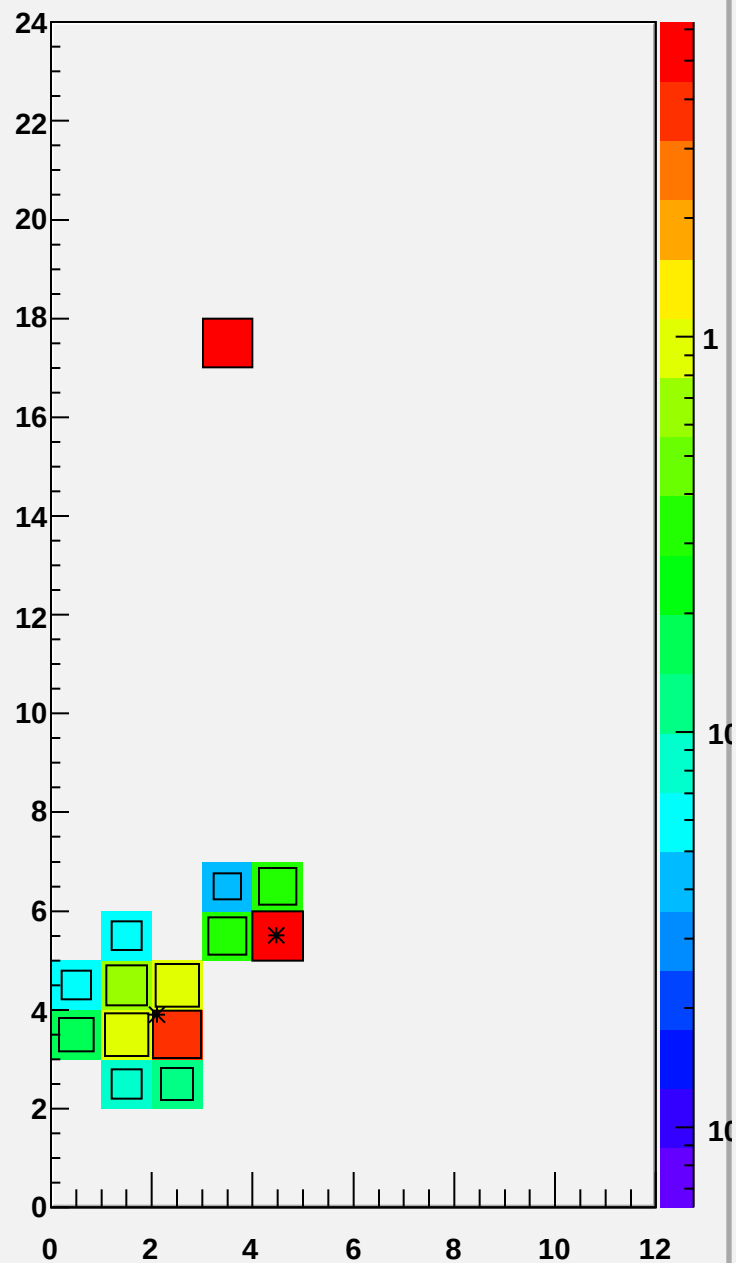
Fitted Energies



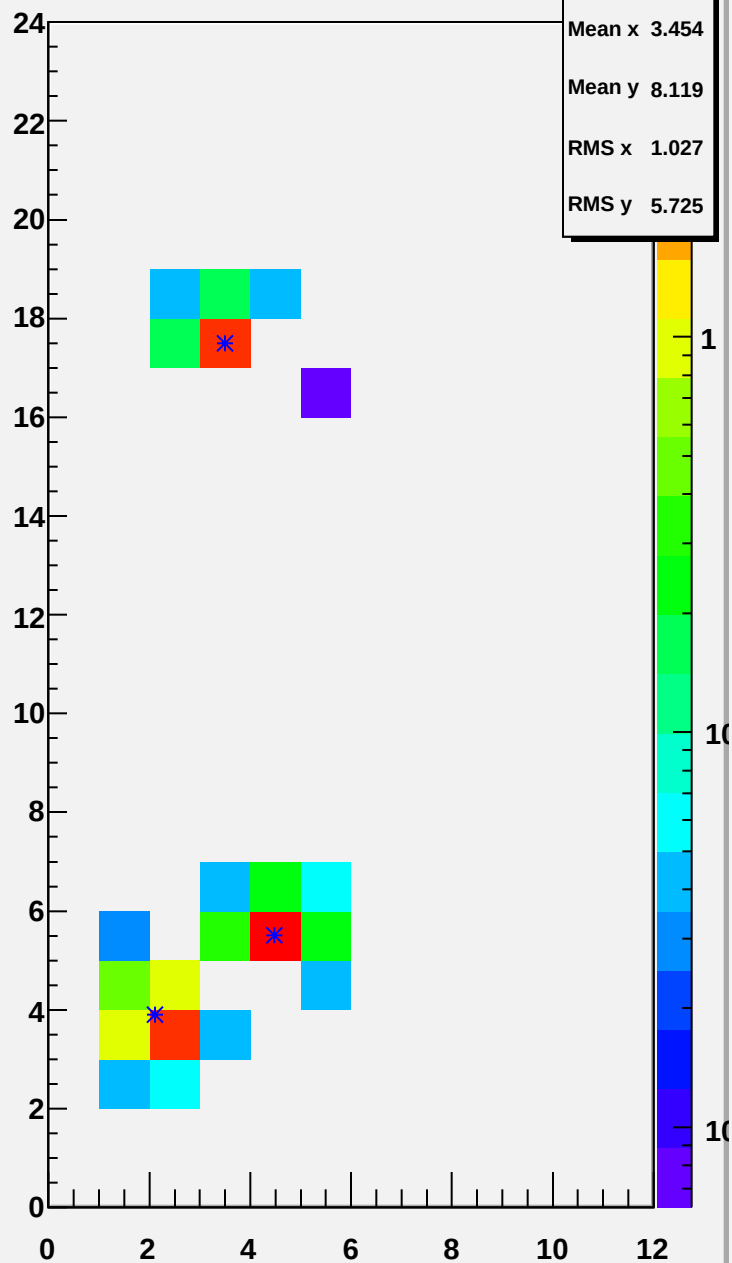
Efit

Entries	288
Mean x	2.501
Mean y	3.974
RMS x	0.3707
RMS y	0.8391

NSTB3_r4_c3_En=18.4_m0=0.110 m1=0.110 index=2067



Fitted Energies



Efit

Entries 288

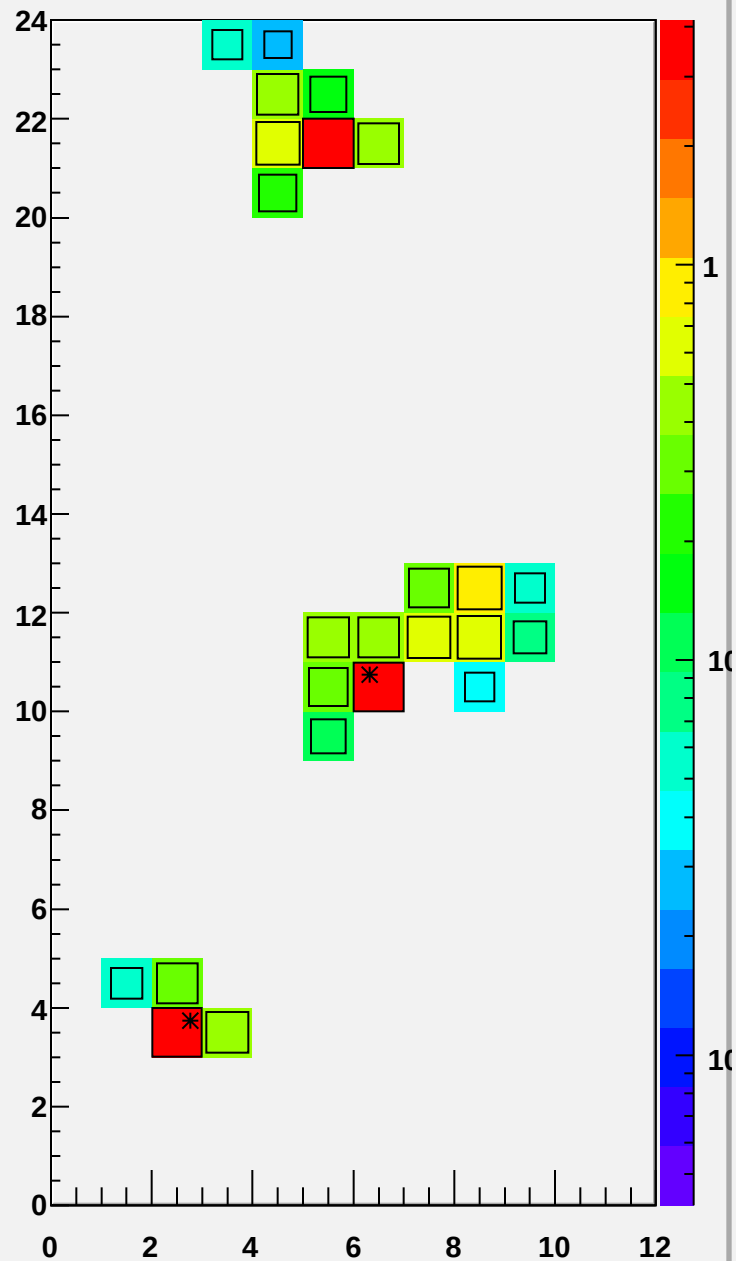
Mean x 3.454

Mean y 8.119

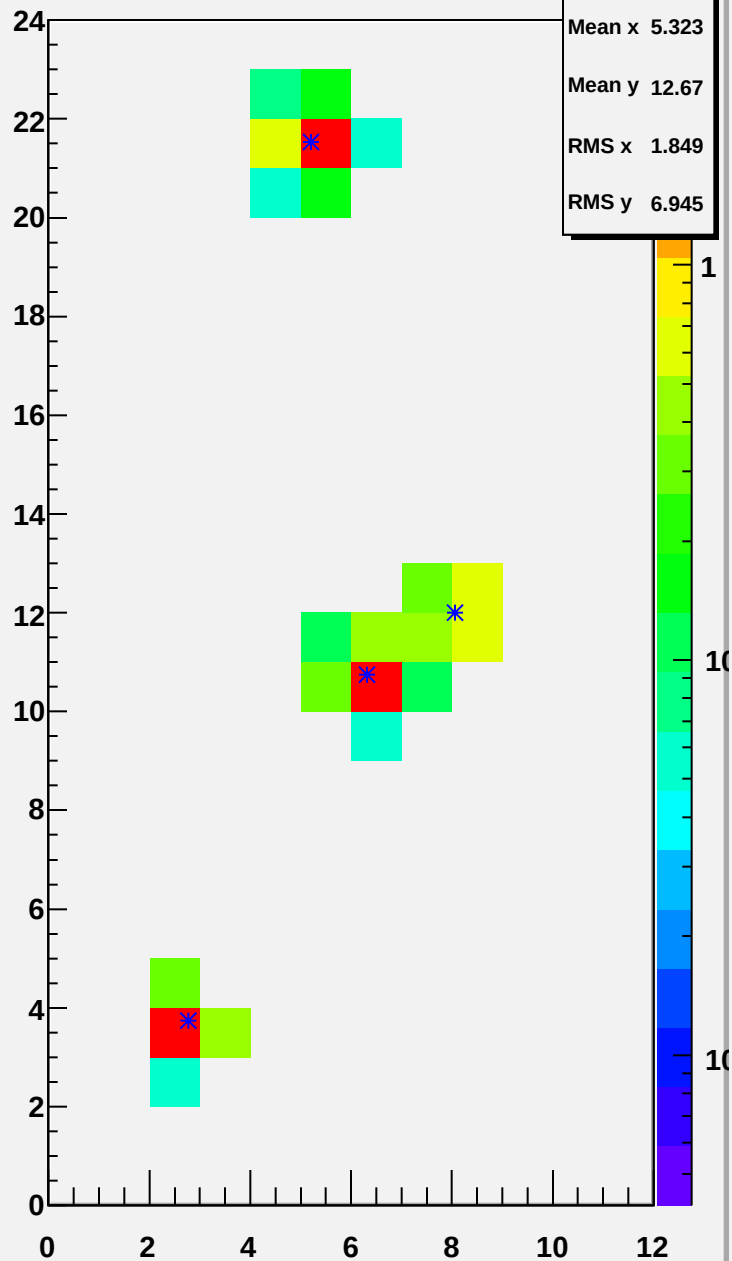
RMS x 1.027

RMS y 5.725

NSTB3_r4_c3_En=17.4_m0=0.198 m1=0.198 index=2069



Fitted Energies



Efit

Entries 288

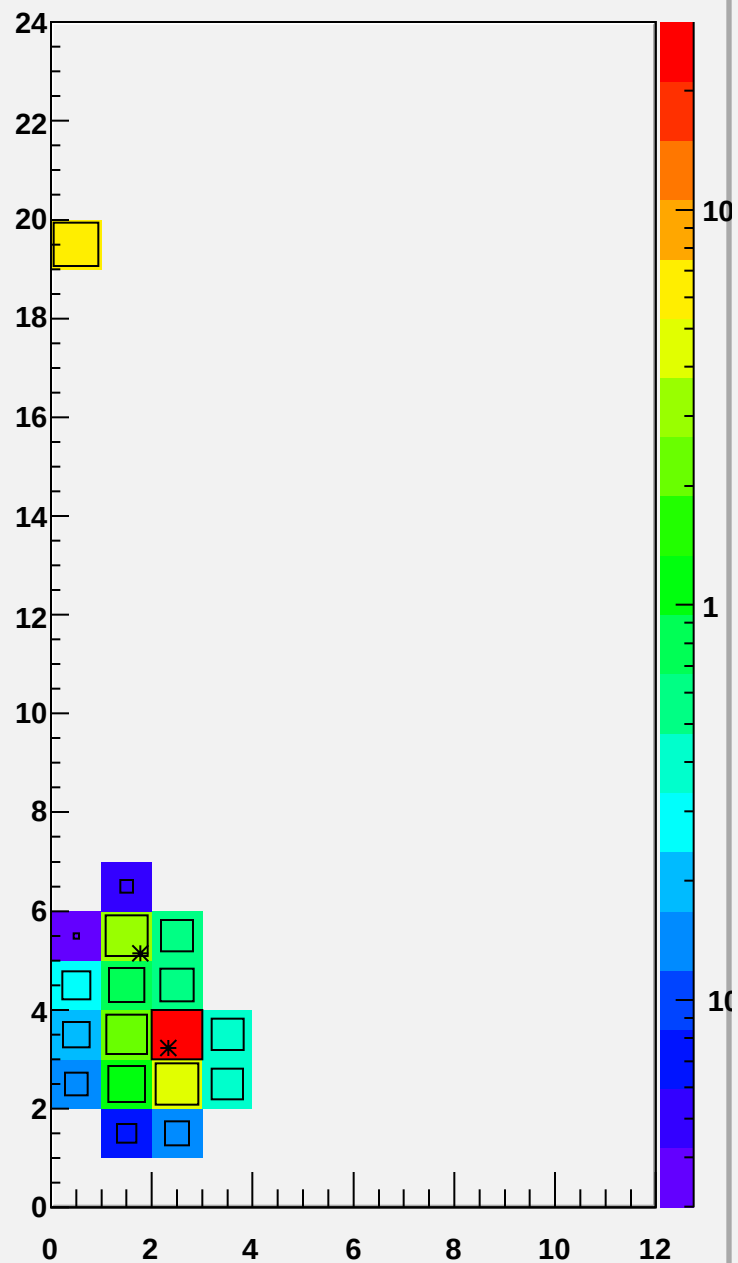
Mean x 5.323

Mean y 12.67

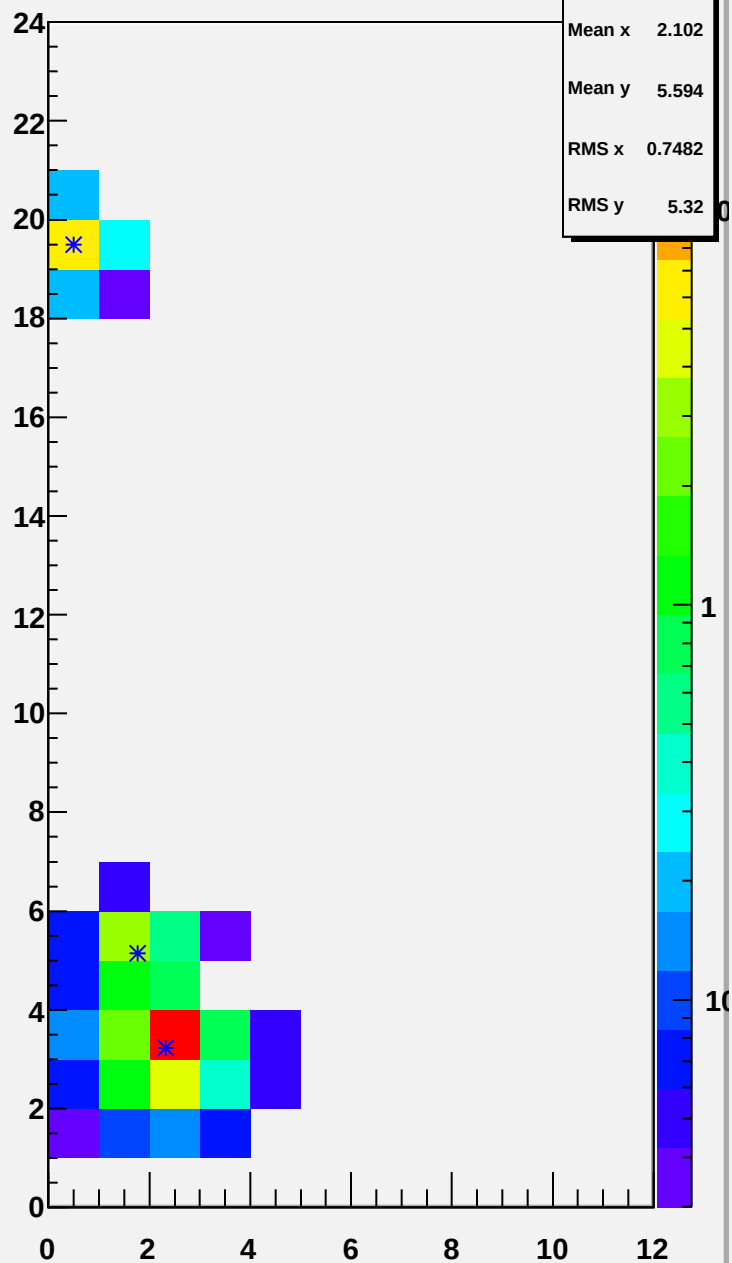
RMS x 1.849

RMS y 6.945

NSTB3_r4_c3_En=51.3_m0=0.163 m1=0.163 index=2070



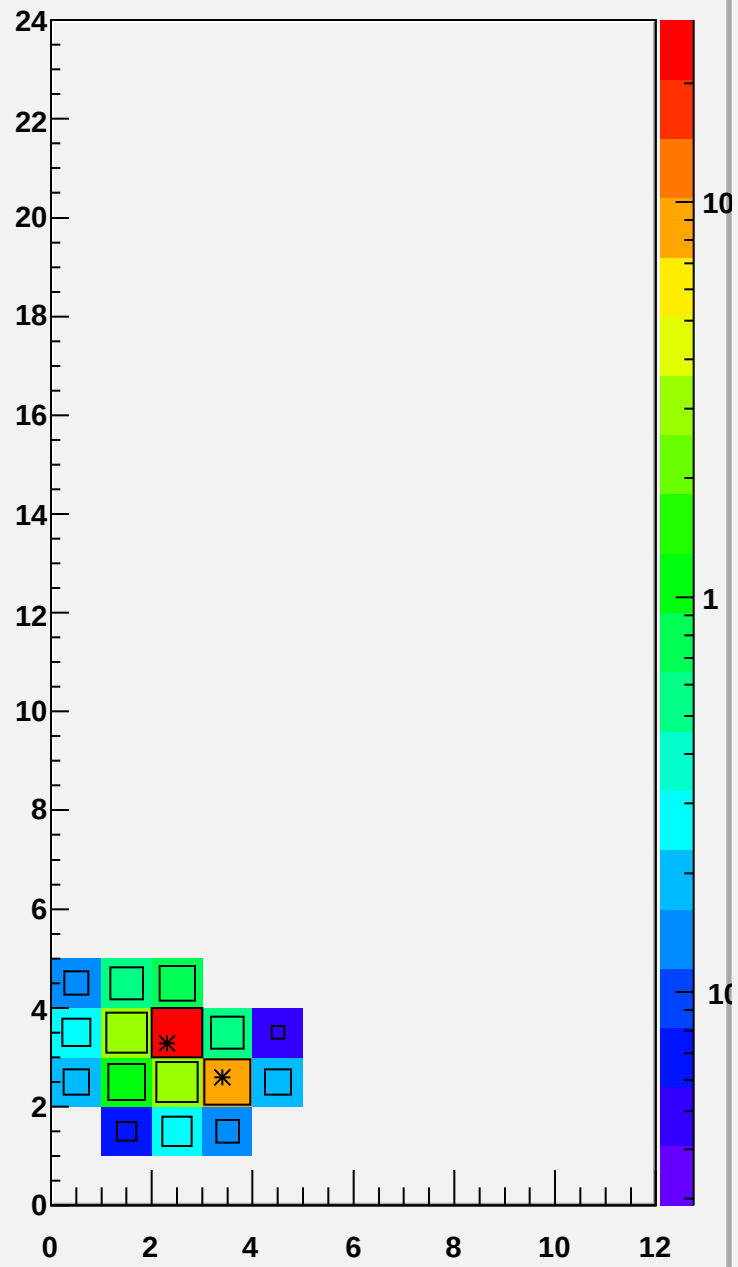
Fitted Energies



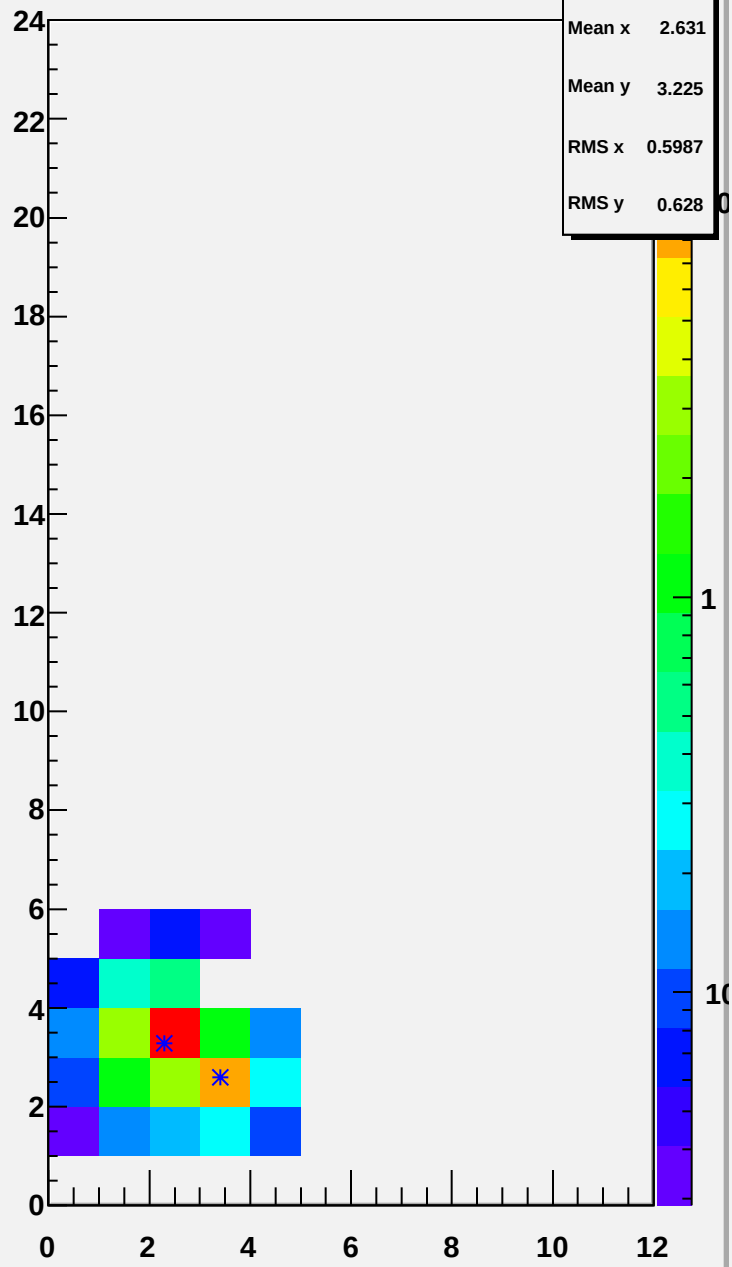
Efit

Entries	288
Mean x	2.102
Mean y	5.594
RMS x	0.7482
RMS y	5.32

NSTB3_r4_c3_En=47.7_m0=0.144 m1=0.144 index=2072



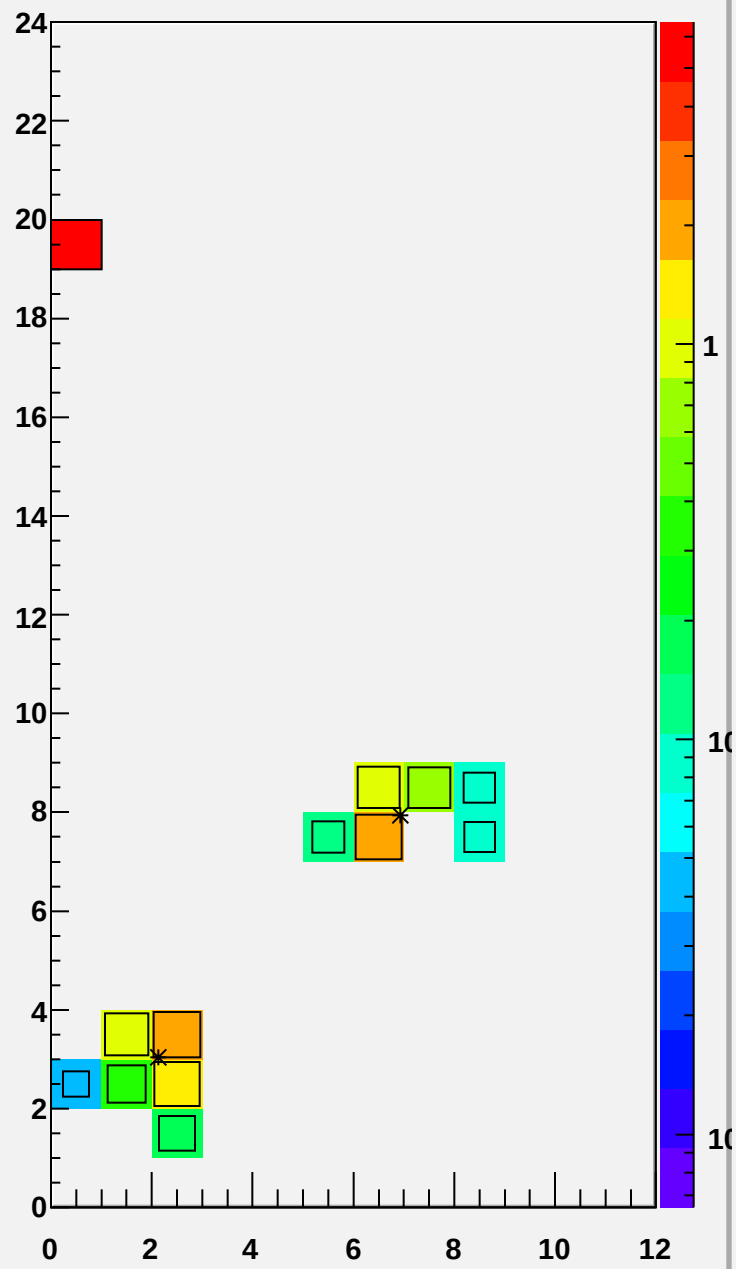
Fitted Energies



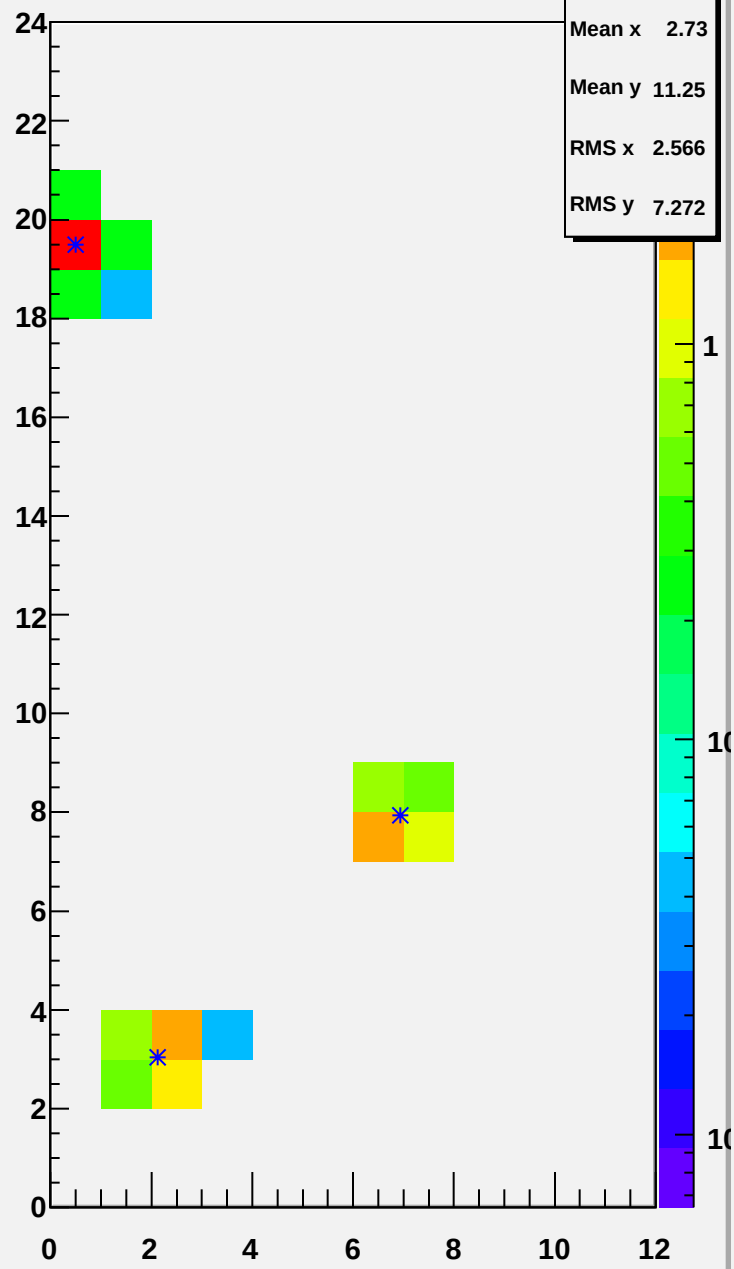
Efit

Entries	288
Mean x	2.631
Mean y	3.225
RMS x	0.5987
RMS y	0.628

NSTB3_r4_c3_En=15.9_m0=0.184 m1=0.184 index=2073



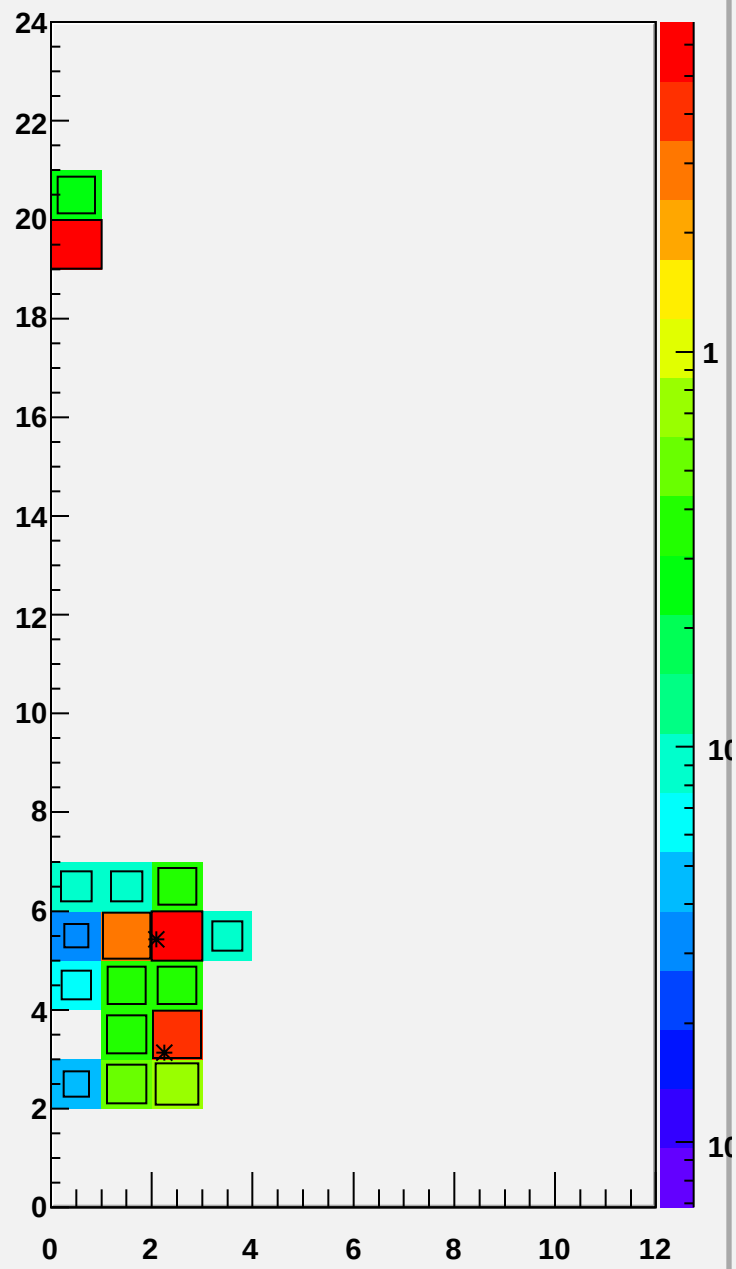
Fitted Energies



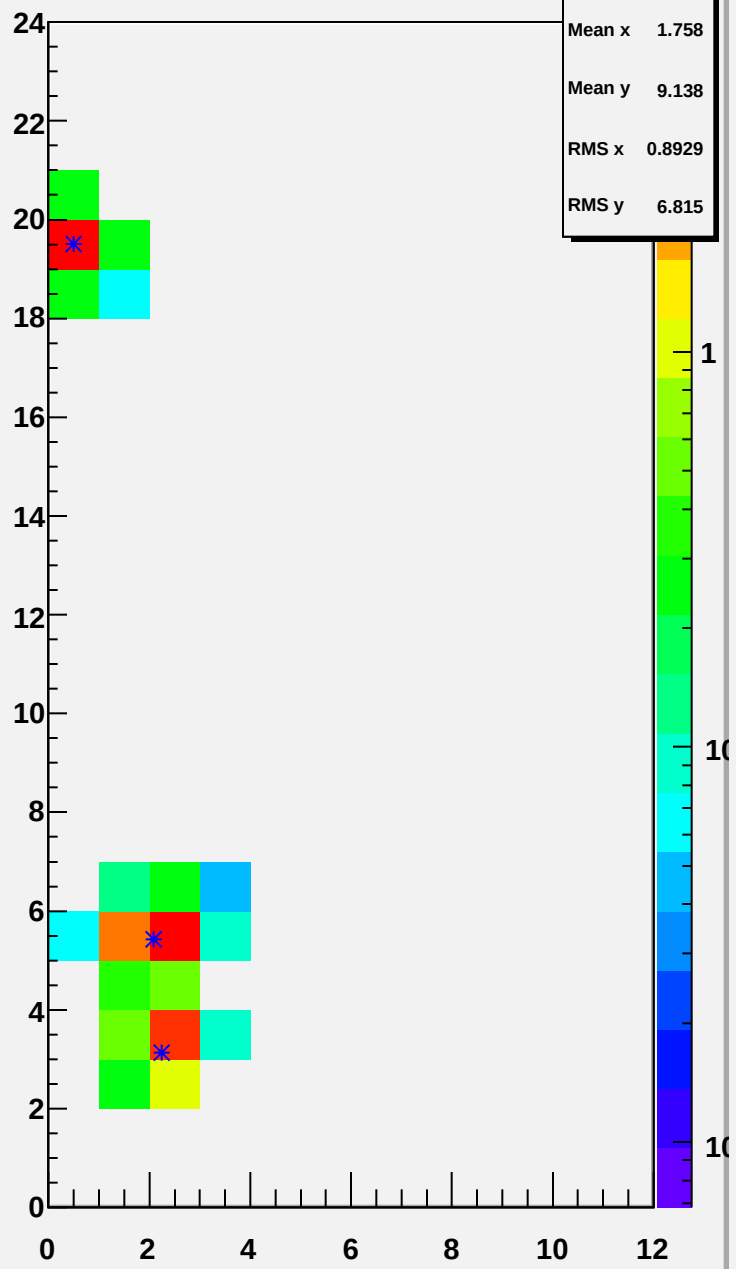
Efit

Entries 288
Mean x 2.73
Mean y 11.25
RMS x 2.566
RMS y 7.272

NSTB3_r4_c3_En=23.2_m0=0.100 m1=0.100 index=2074



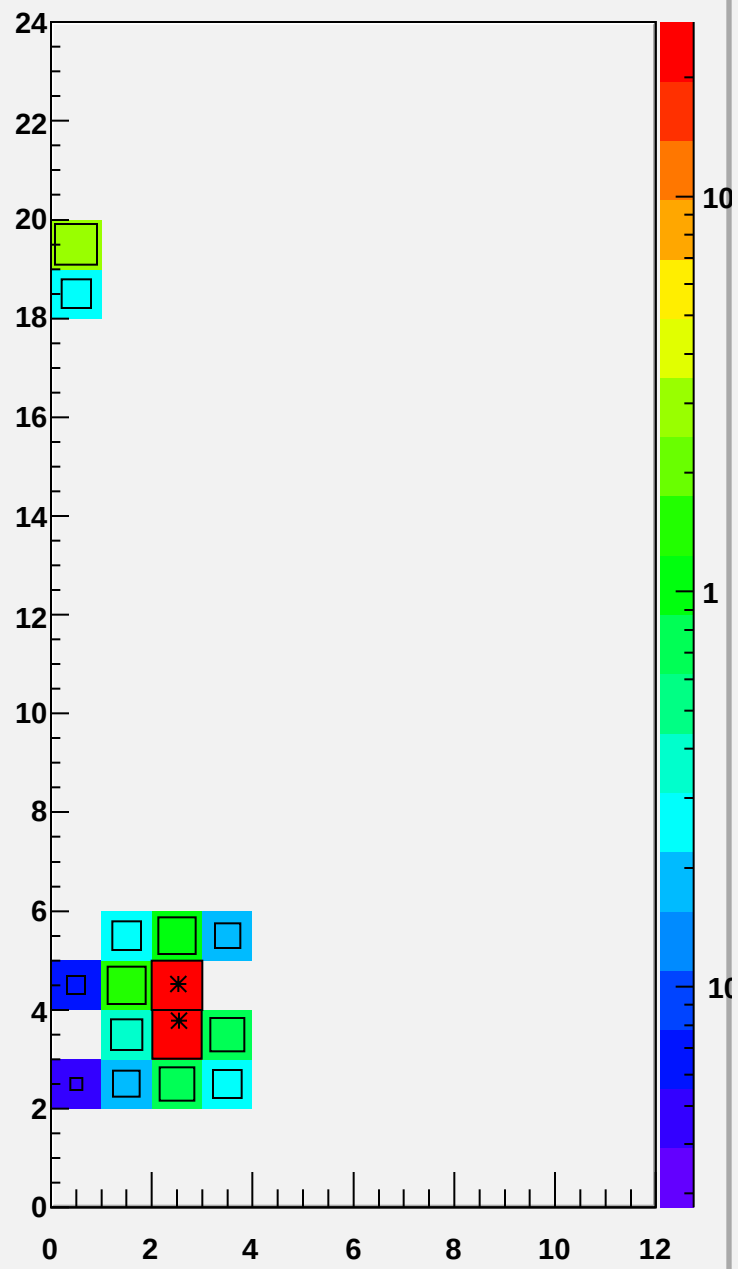
Fitted Energies



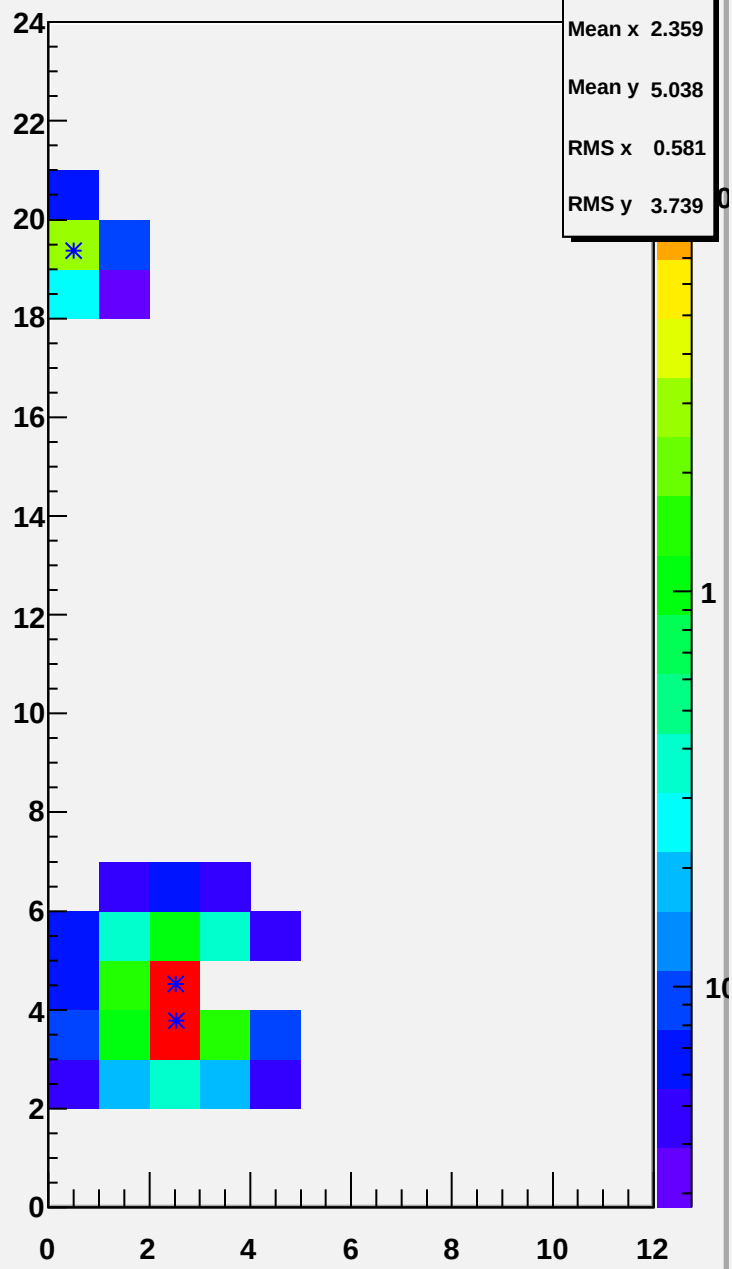
Efit

Entries	288
Mean x	1.758
Mean y	9.138
RMS x	0.8929
RMS y	6.815

NSTB3_r4_c3_En=58.0_m0=0.115 m1=0.114 index=2076



Fitted Energies



Efit

Entries 288

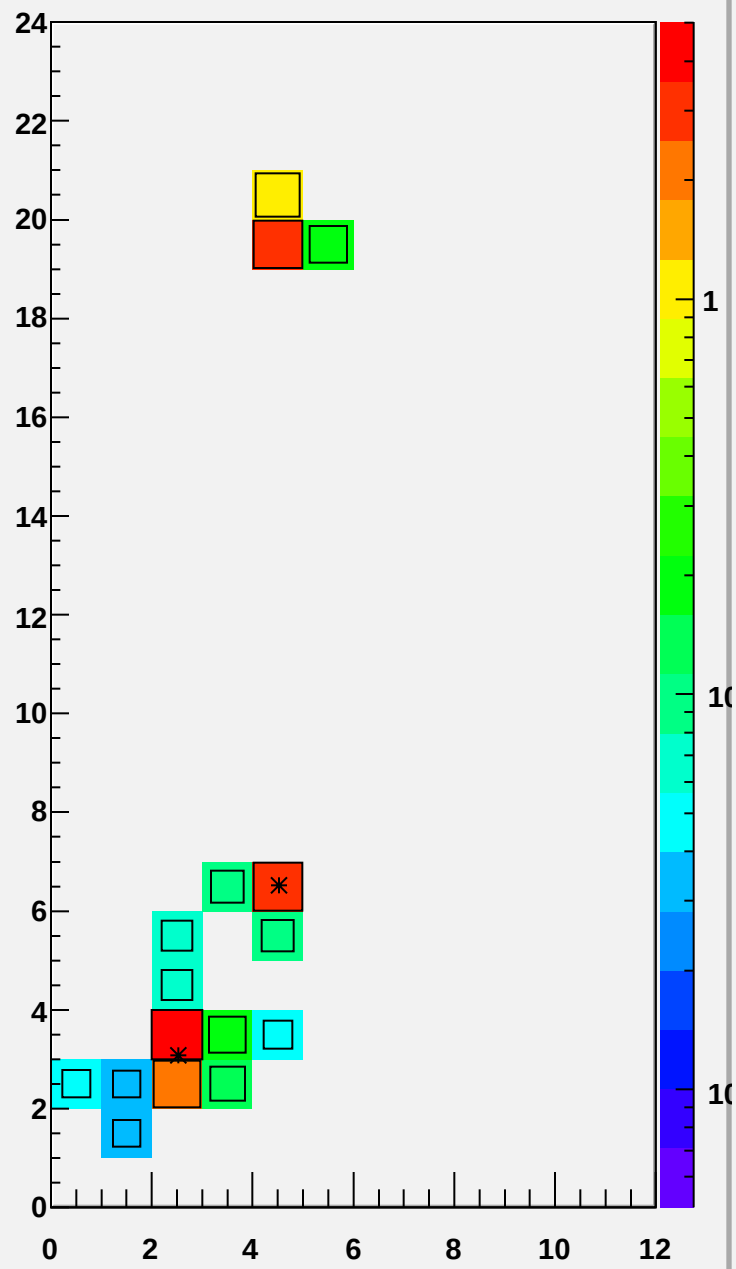
Mean x 2.359

Mean y 5.038

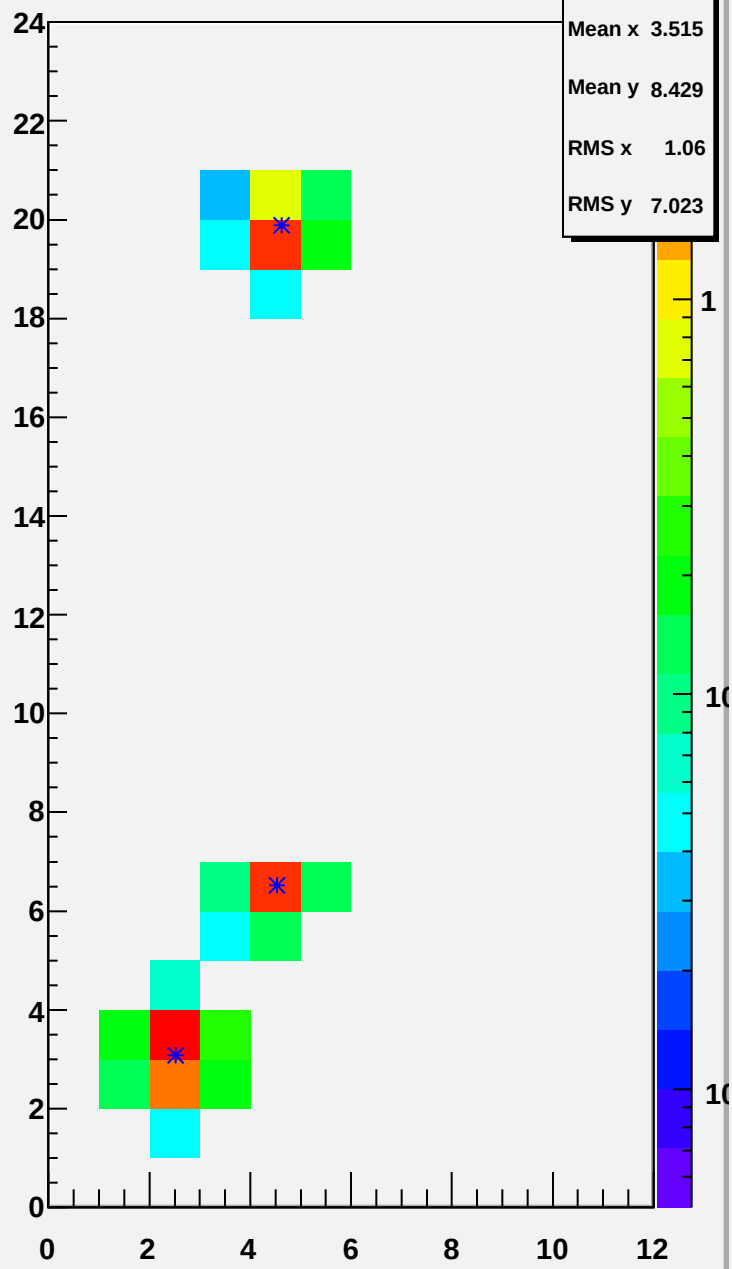
RMS x 0.581

RMS y 3.739

NSTB3_r4_c3_En=15.6_m0=0.126 m1=0.126 index=2077



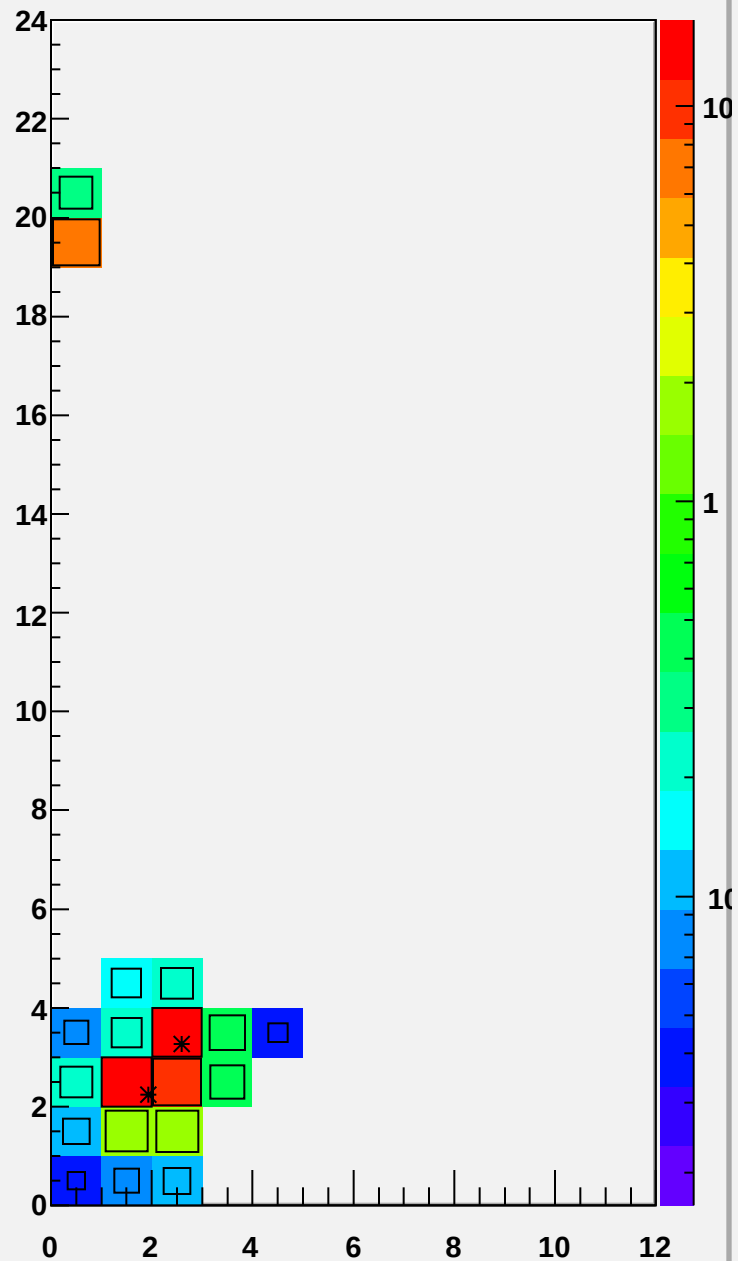
Fitted Energies



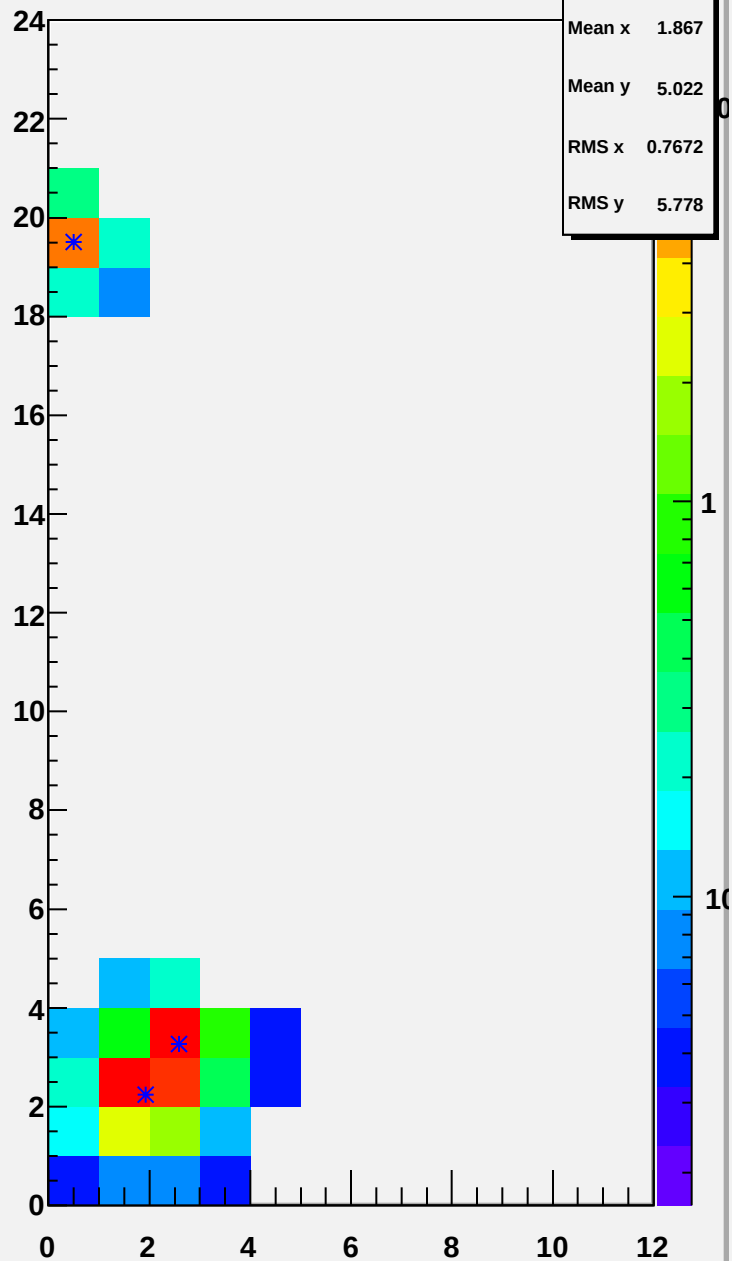
Efit

Entries 288
Mean x 3.515
Mean y 8.429
RMS x 1.06
RMS y 7.023

NSTB3_r4_c3_En=50.8_m0=0.141 m1=0.142 index=2081



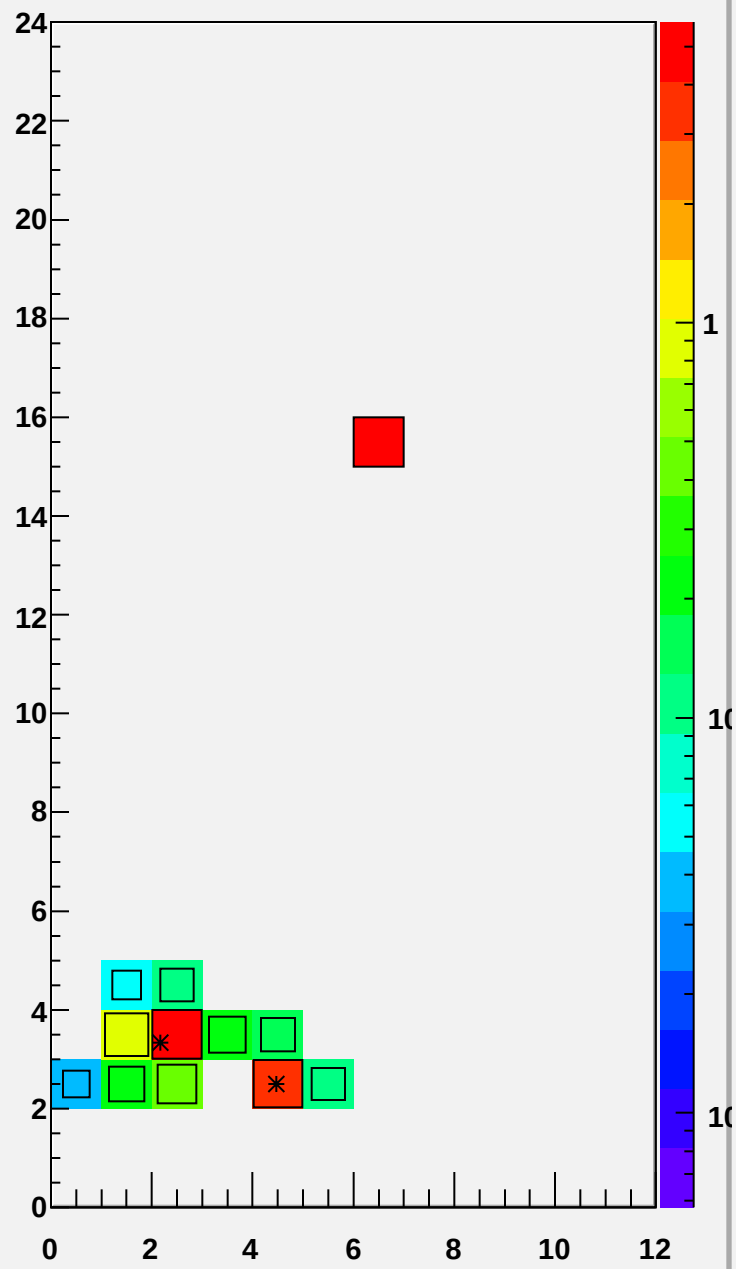
Fitted Energies



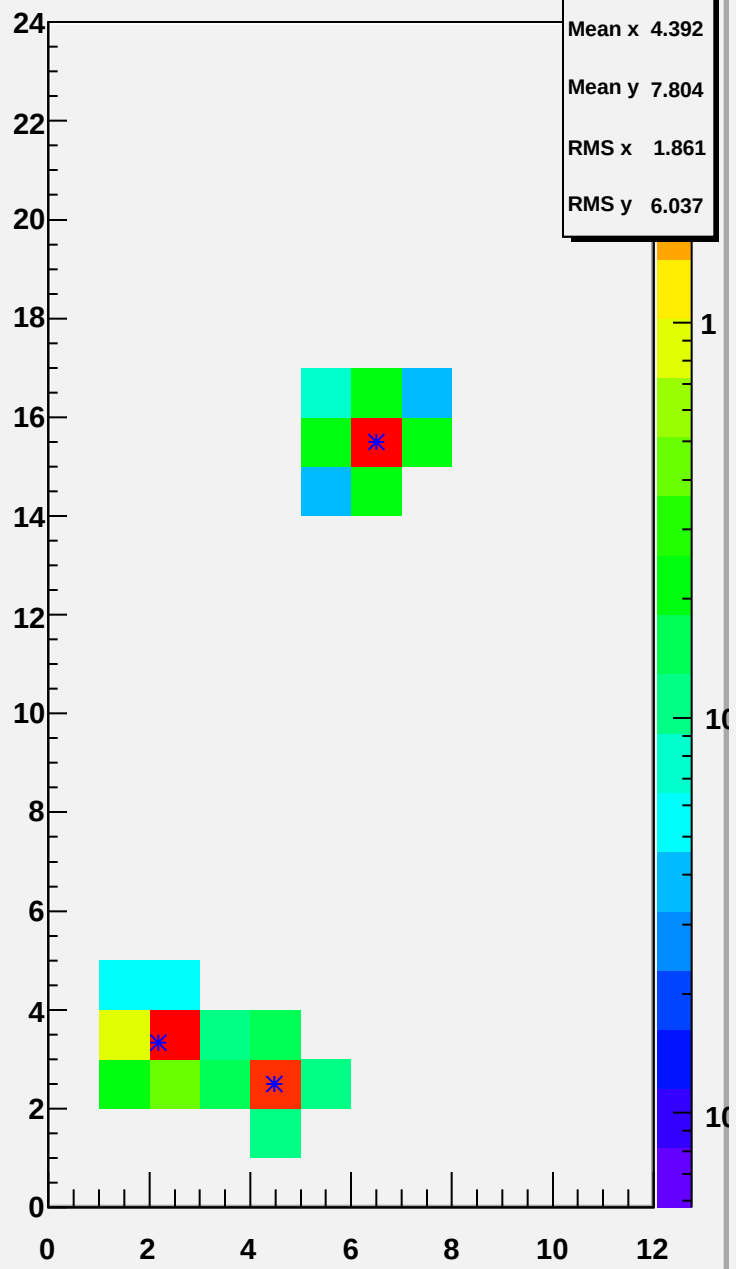
Efit

Entries	288
Mean x	1.867
Mean y	5.022
RMS x	0.7672
RMS y	5.778

NSTB3_r4_c3_En=16.0_m0=0.068 m1=0.068 index=2082



Fitted Energies



Efit

Entries 288

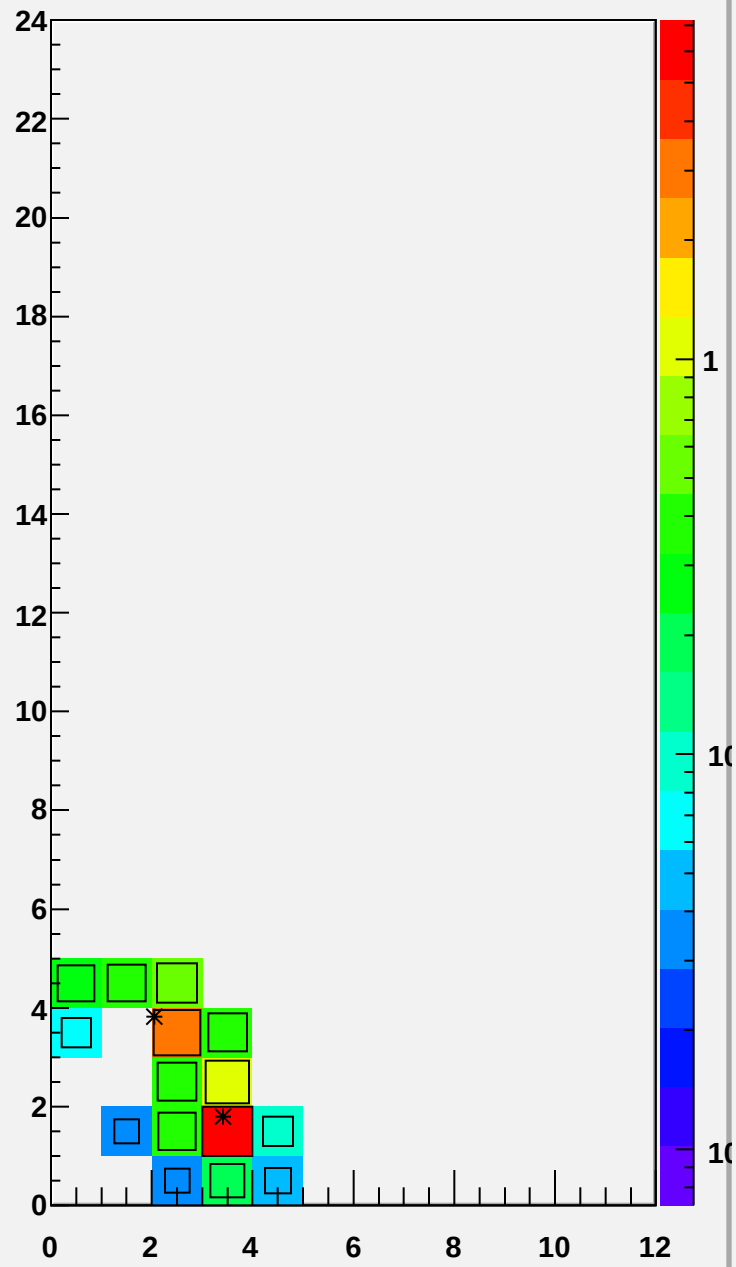
Mean x 4.392

Mean y 7.804

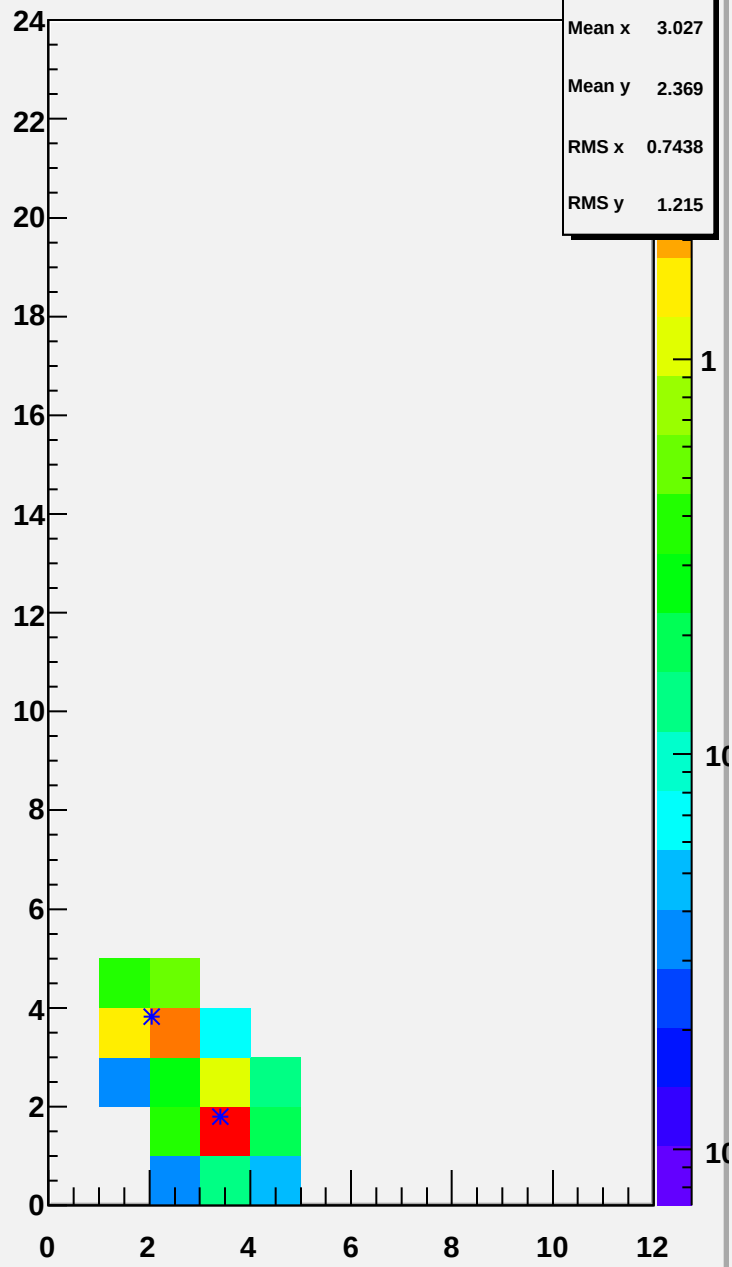
RMS x 1.861

RMS y 6.037

NSTB3_r4_c3_En=13.9_m0=0.095 m1=0.095 index=2083



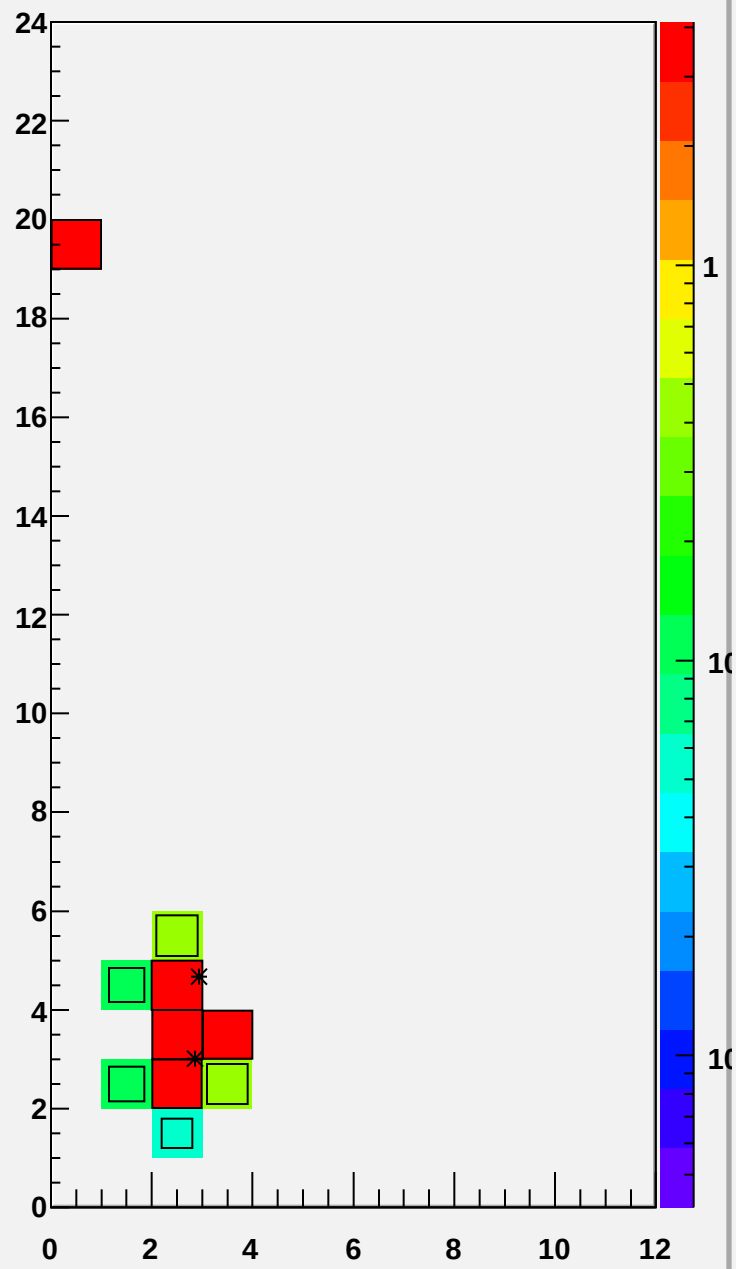
Fitted Energies



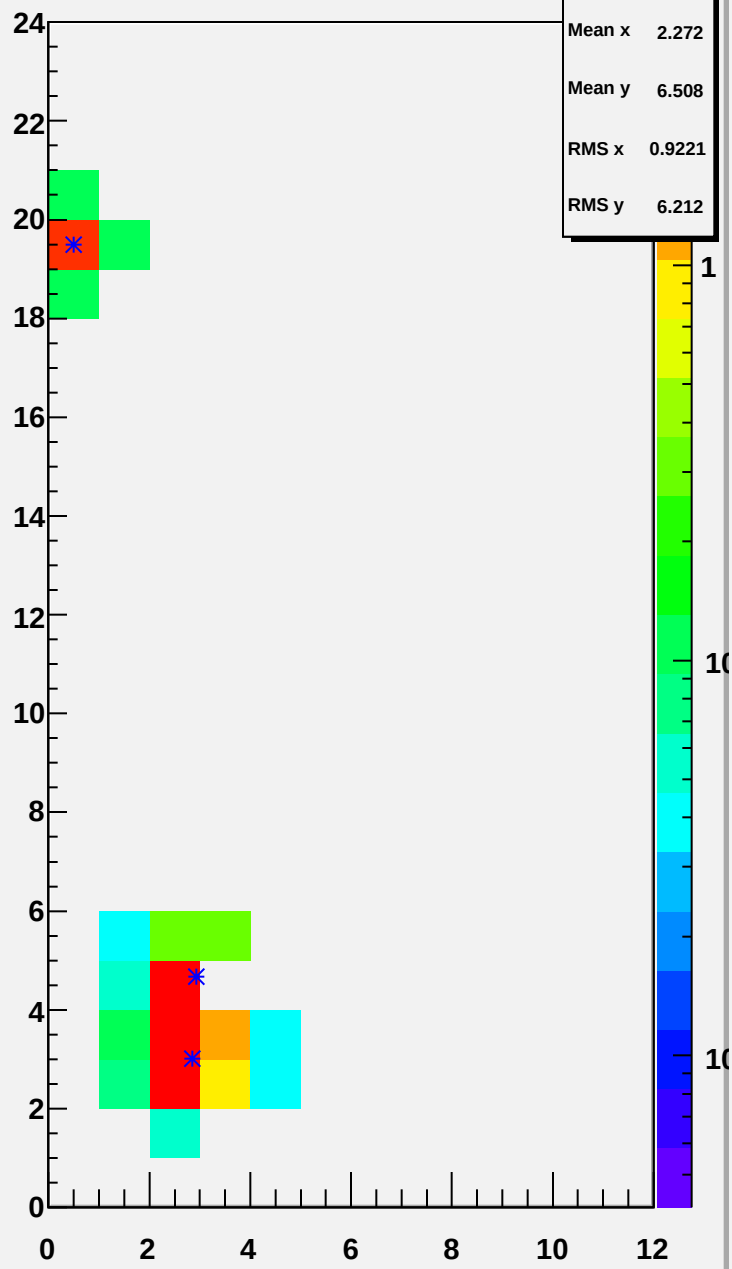
Efit

Entries	288
Mean x	3.027
Mean y	2.369
RMS x	0.7438
RMS y	1.215

NSTB3_r4_c3_En=18.8_m0=0.075 m1=0.075 index=2084



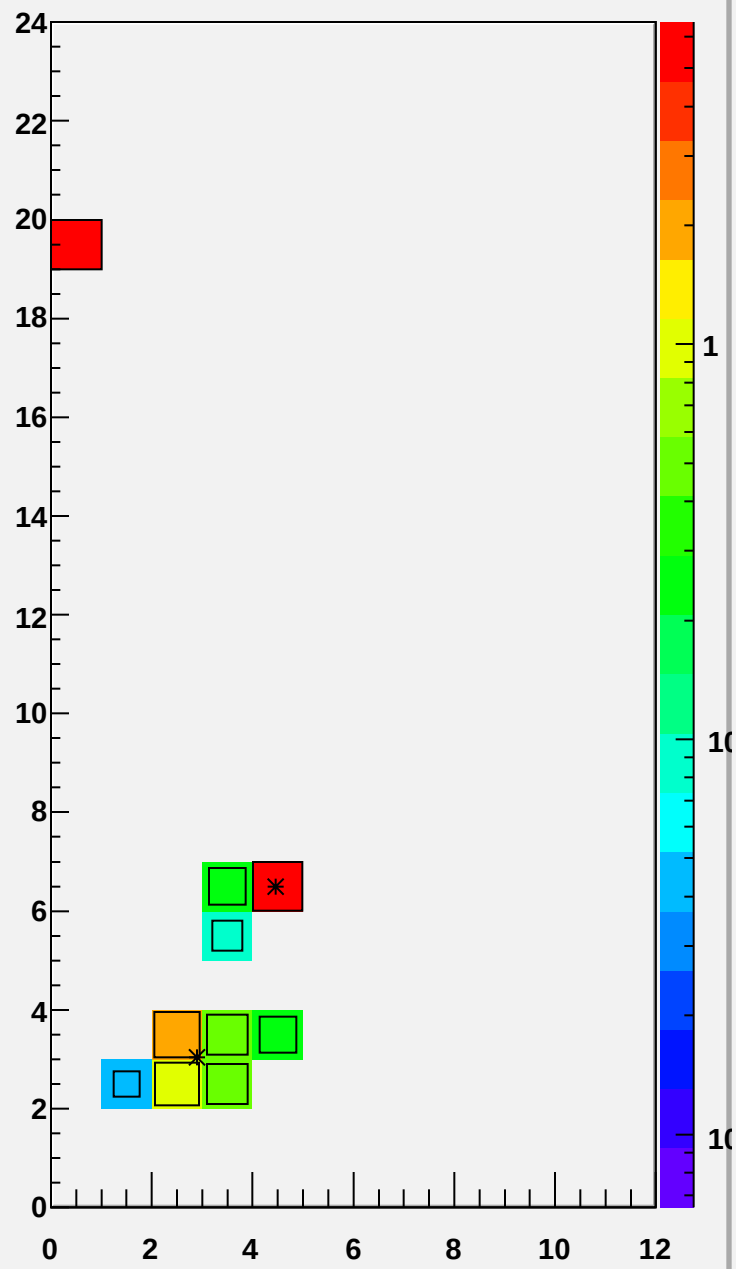
Fitted Energies



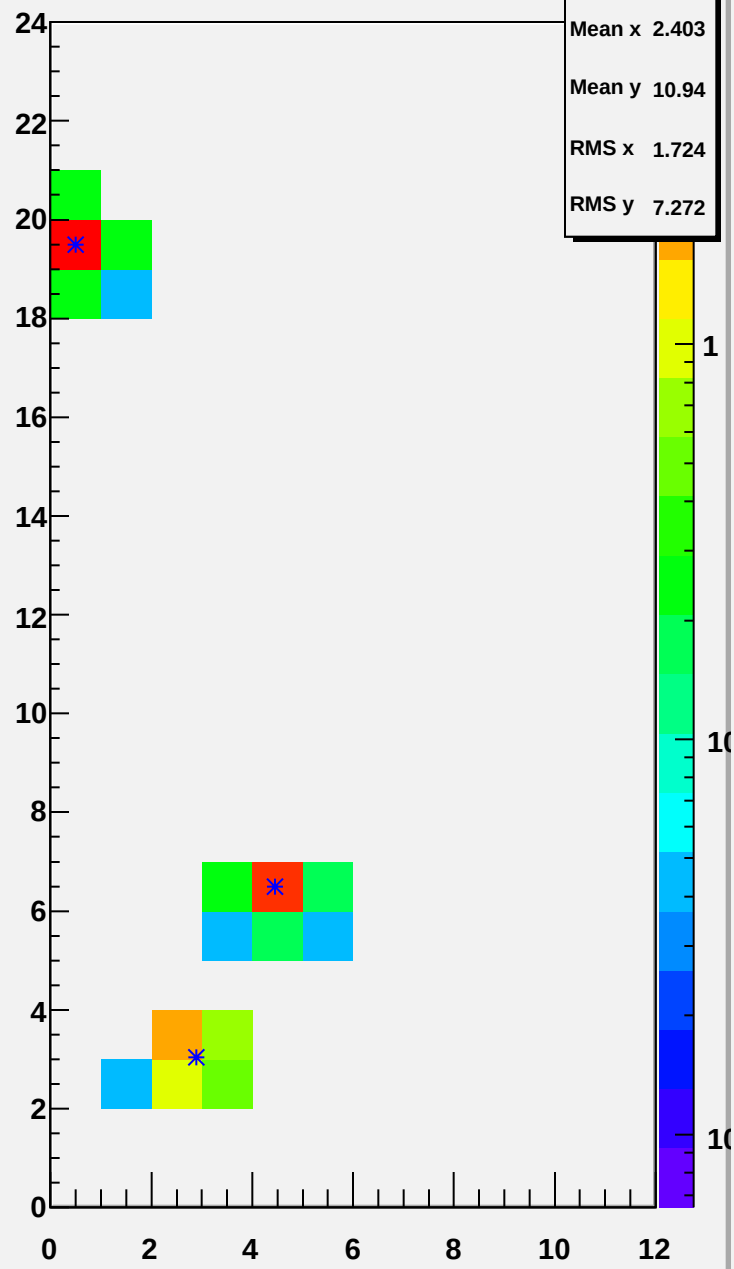
Efit

Entries	288
Mean x	2.272
Mean y	6.508
RMS x	0.9221
RMS y	6.212

NSTB3_r4_c3_En=16.1_m0=0.105 m1=0.105 index=2085



Fitted Energies



Efit

Entries 288

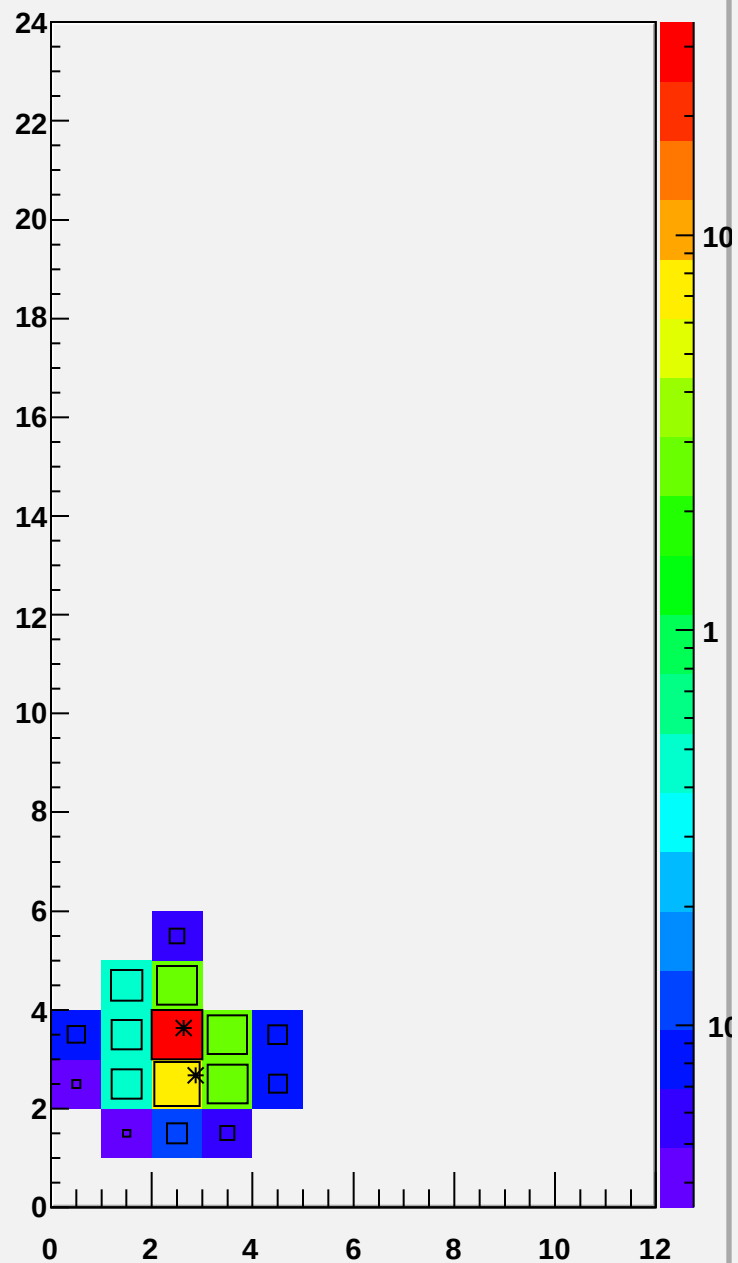
Mean x 2.403

Mean y 10.94

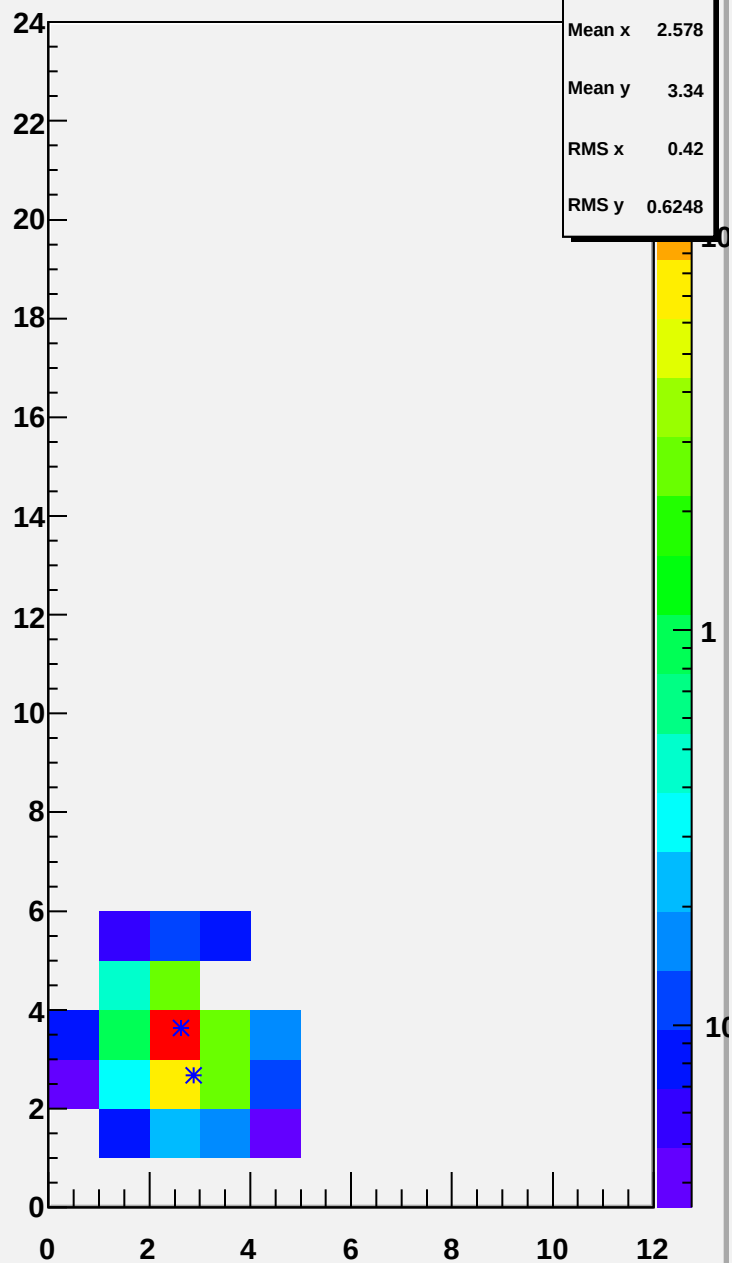
RMS x 1.724

RMS y 7.272

NSTB3_r4_c3_En=52.3_m0=0.117 m1=0.117 index=2086



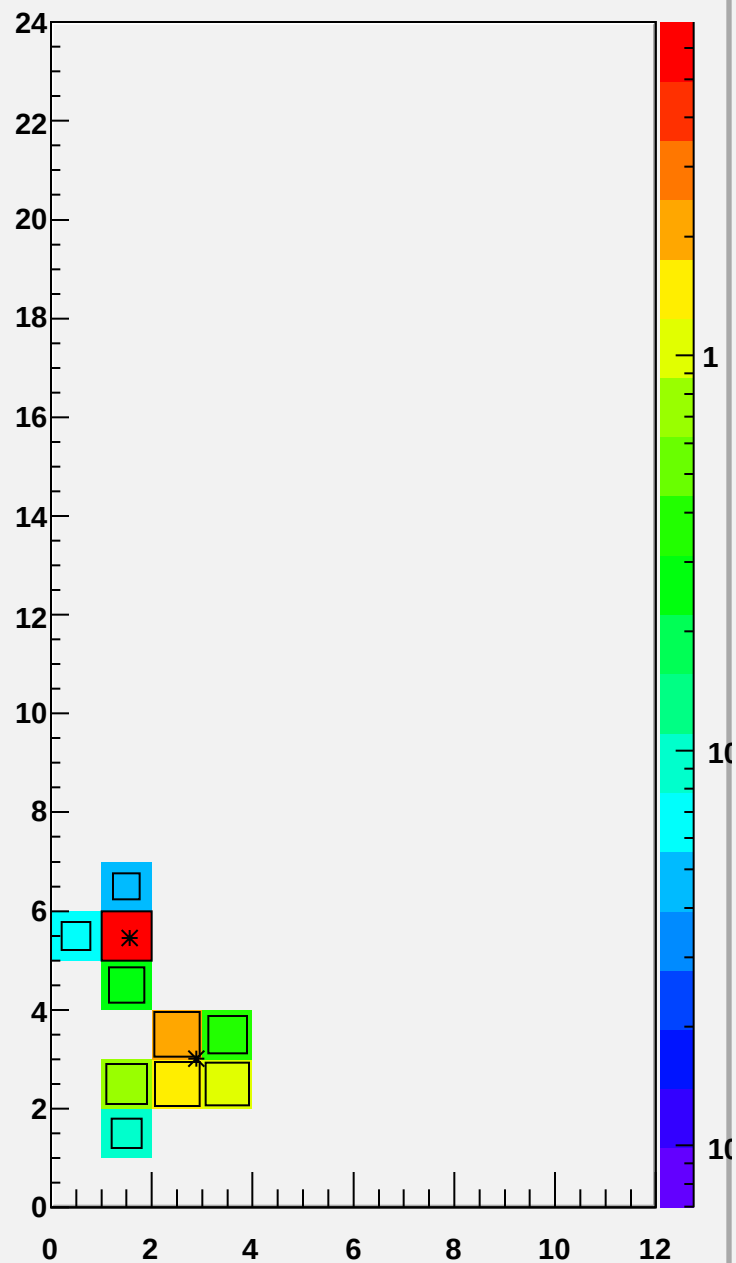
Fitted Energies



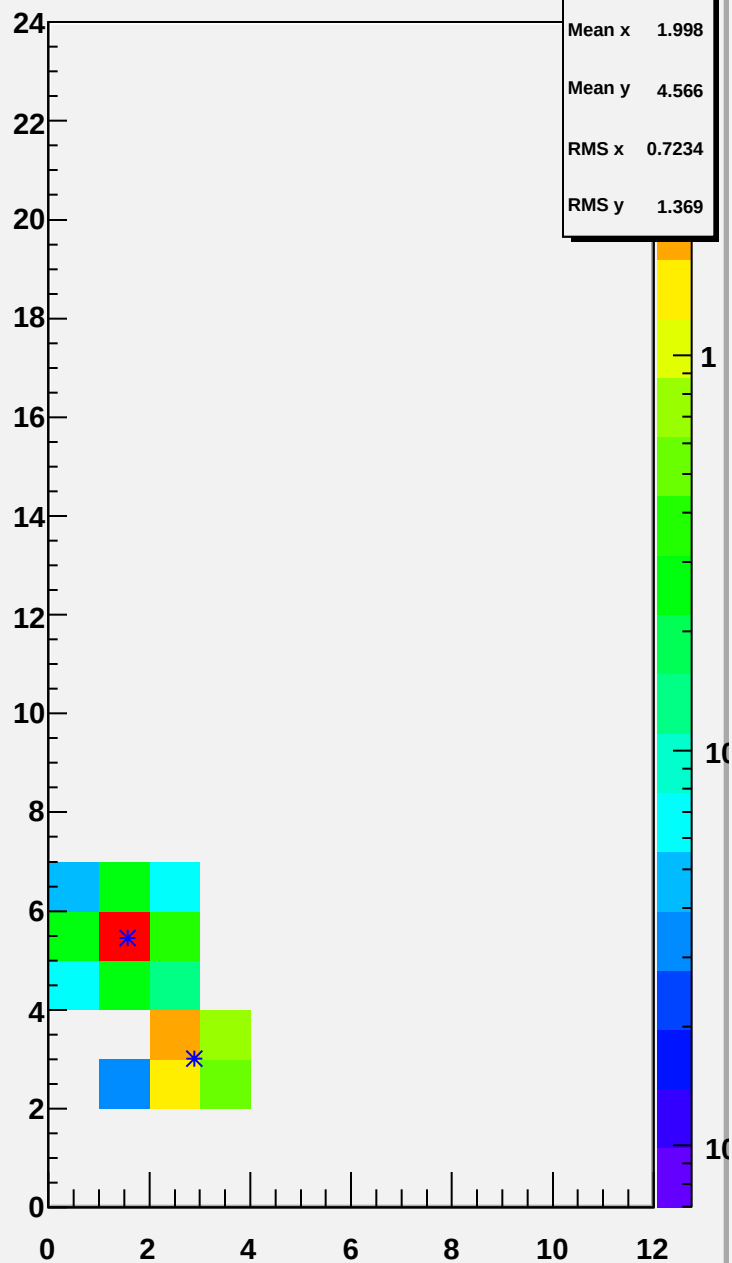
Efit

Entries	288
Mean x	2.578
Mean y	3.34
RMS x	0.42
RMS y	0.6248

NSTB3_r4_c3_En=13.4_m0=0.102 m1=0.102 index=2087



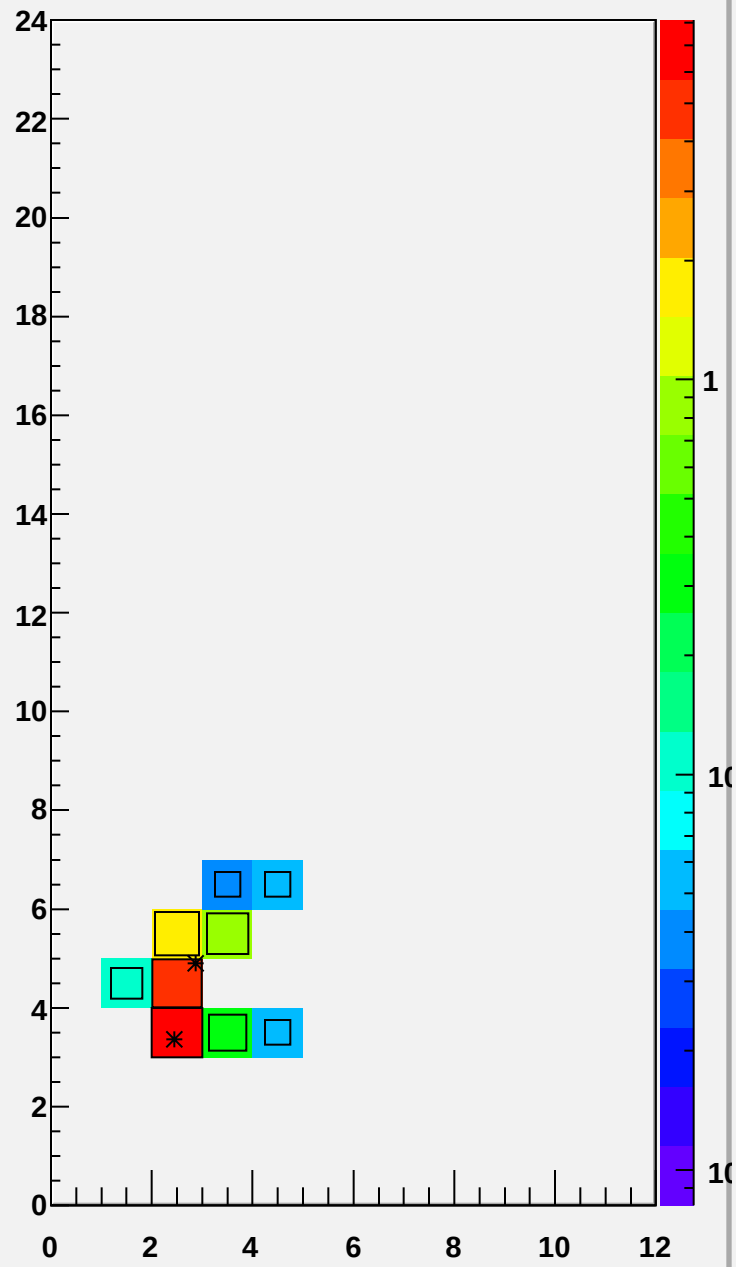
Fitted Energies



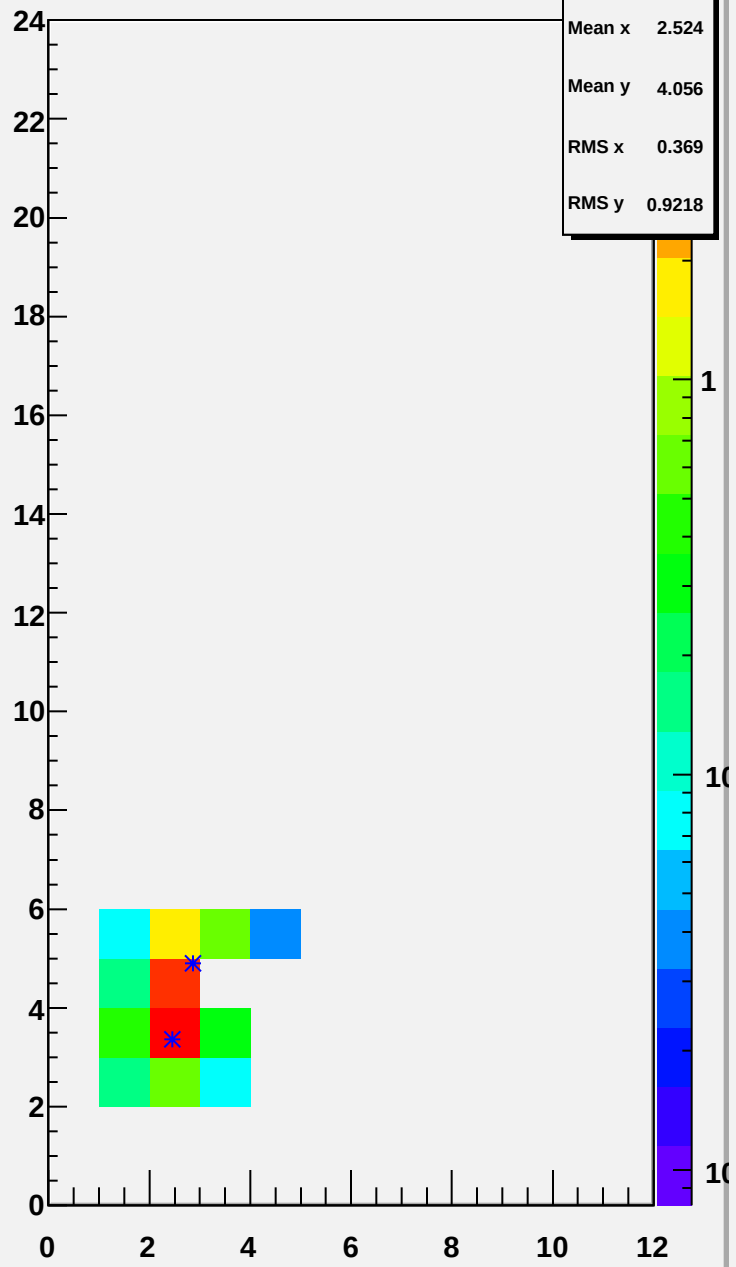
Efit

Entries	288
Mean x	1.998
Mean y	4.566
RMS x	0.7234
RMS y	1.369

NSTB3_r4_c3_En=16.5_m0=0.084 m1=0.084 index=2089



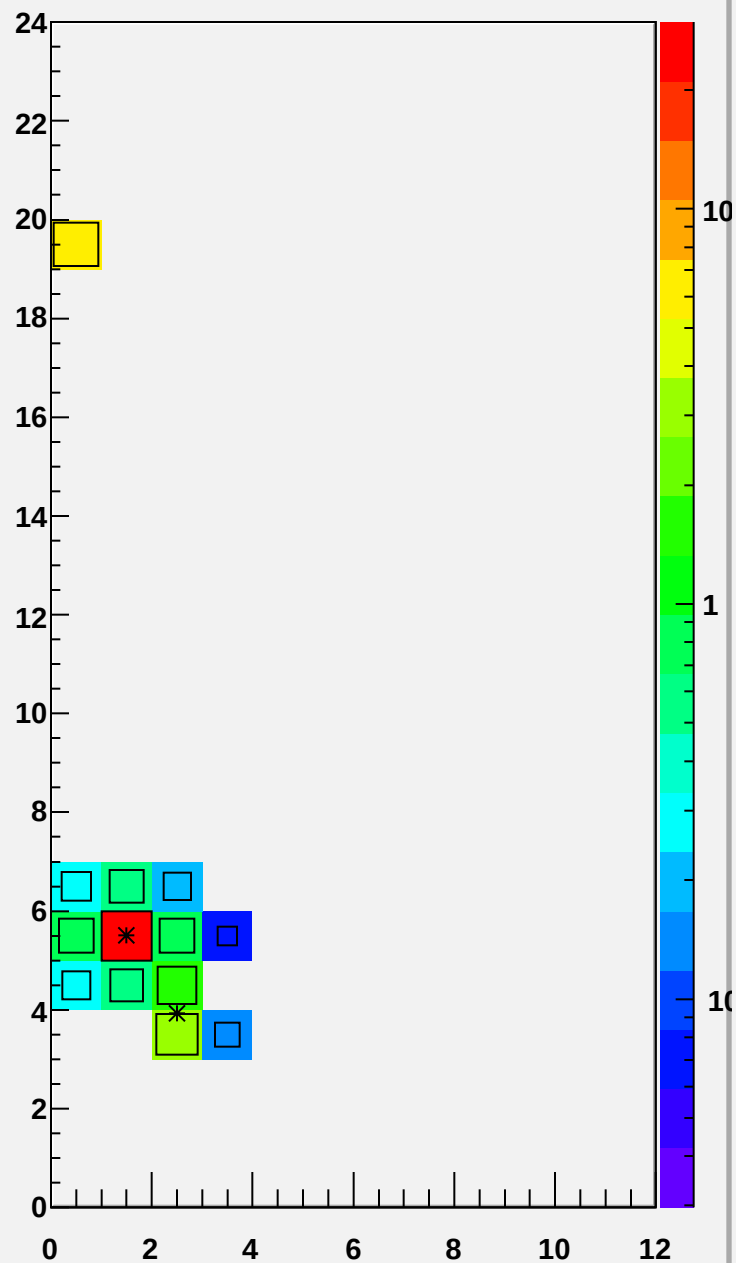
Fitted Energies



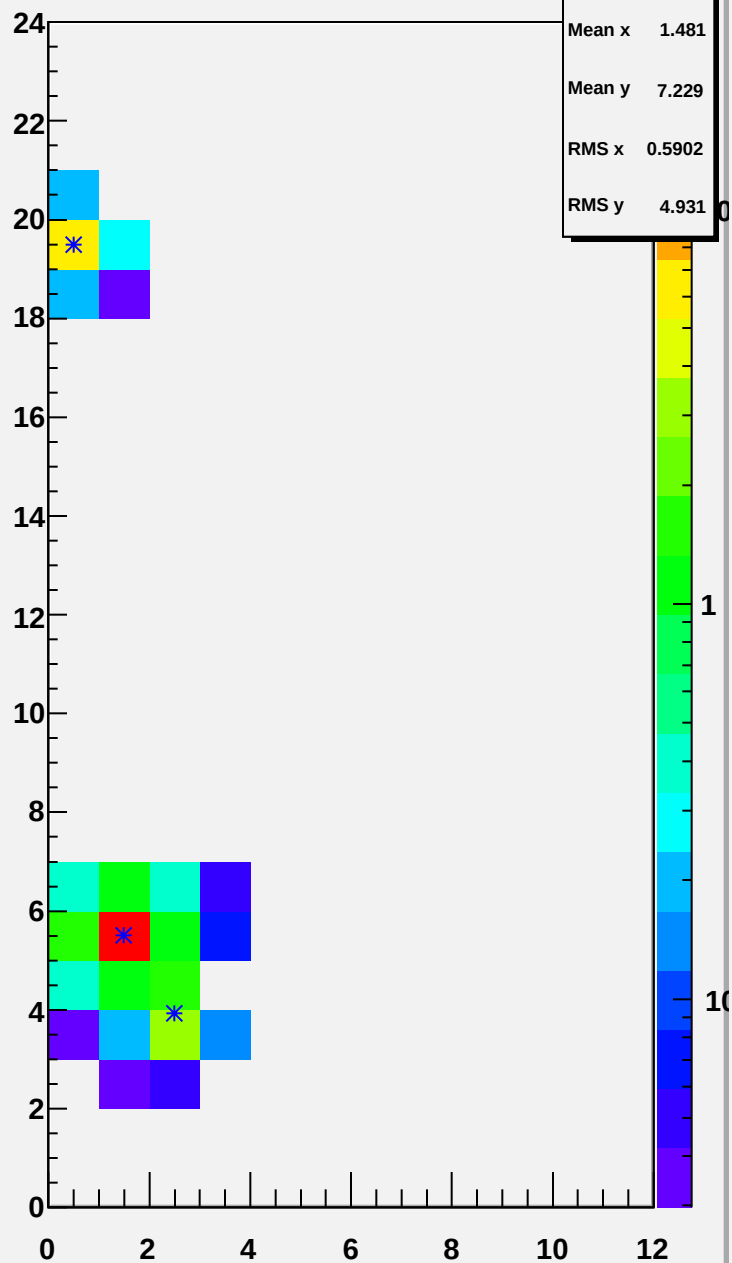
Efit

Entries	288
Mean x	2.524
Mean y	4.056
RMS x	0.369
RMS y	0.9218

NSTB3_r4_c3_En=45.0_m0=0.145 m1=0.145 index=2090



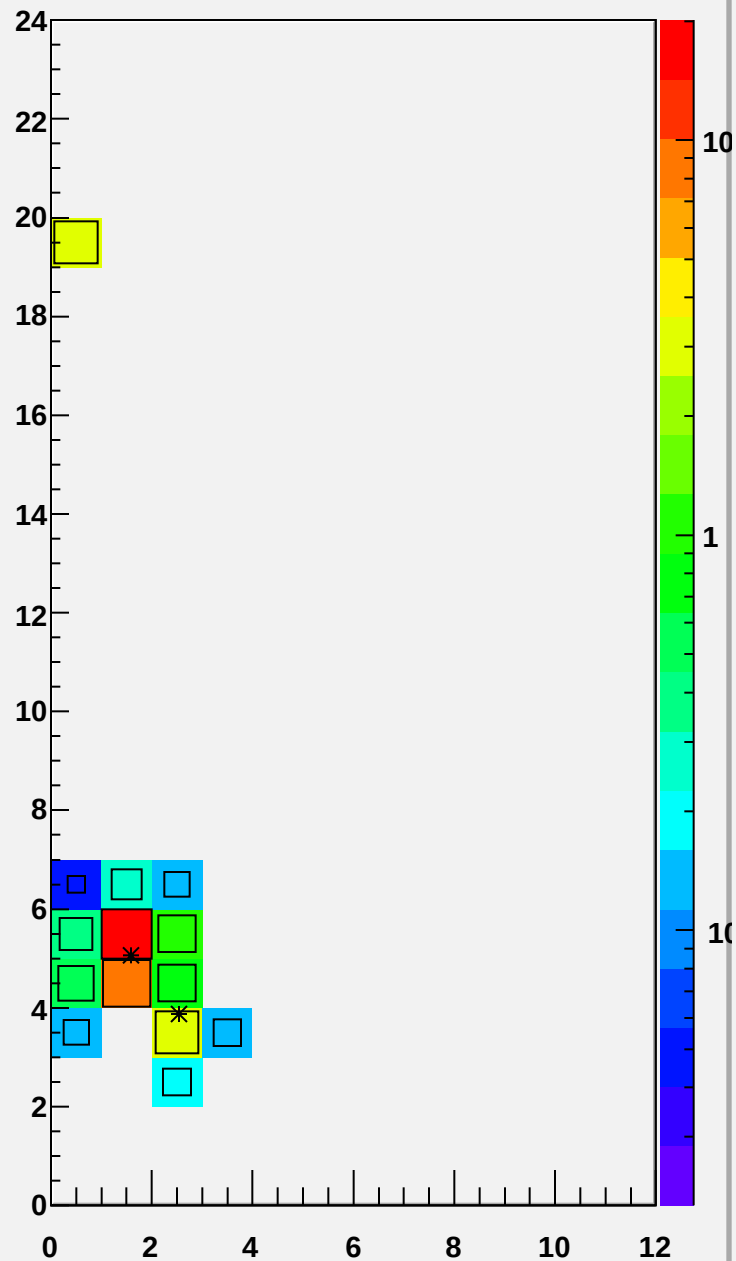
Fitted Energies



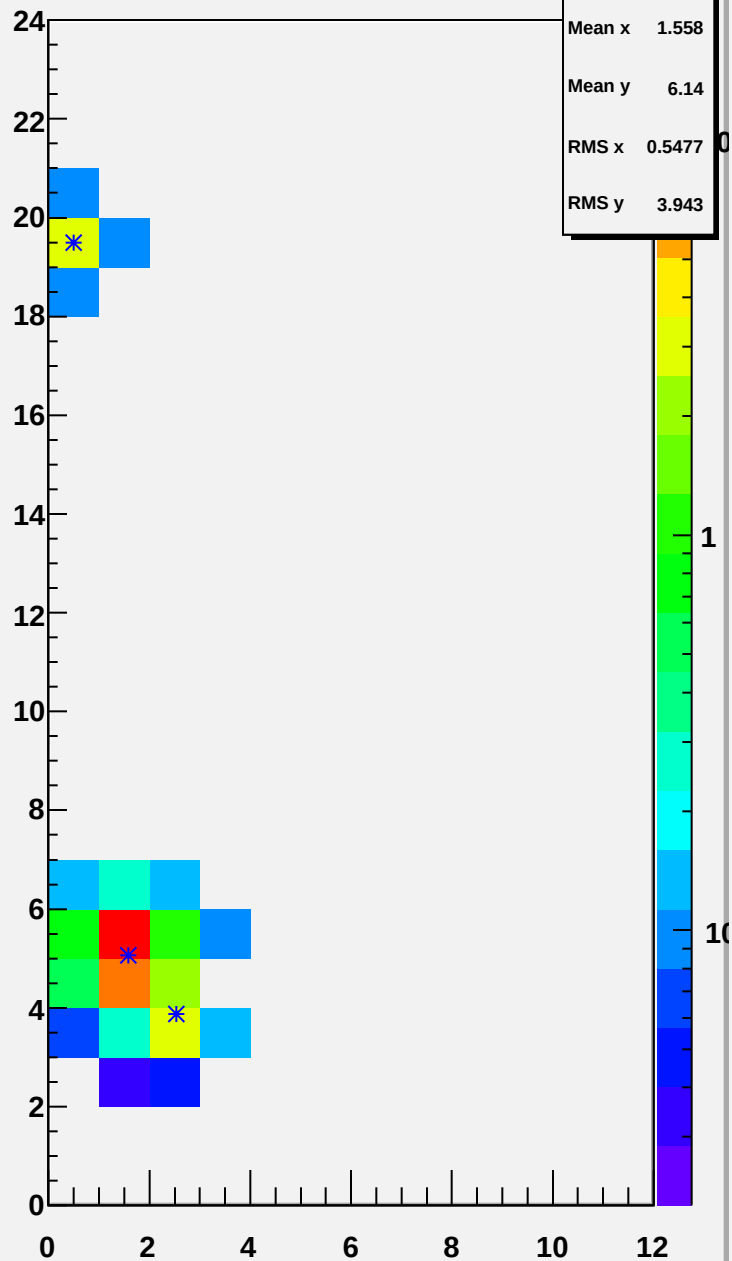
Efit

Entries	288
Mean x	1.481
Mean y	7.229
RMS x	0.5902
RMS y	4.931

NSTB3_r4_c3_En=39.1_m0=0.104_m1=0.104_index=2091



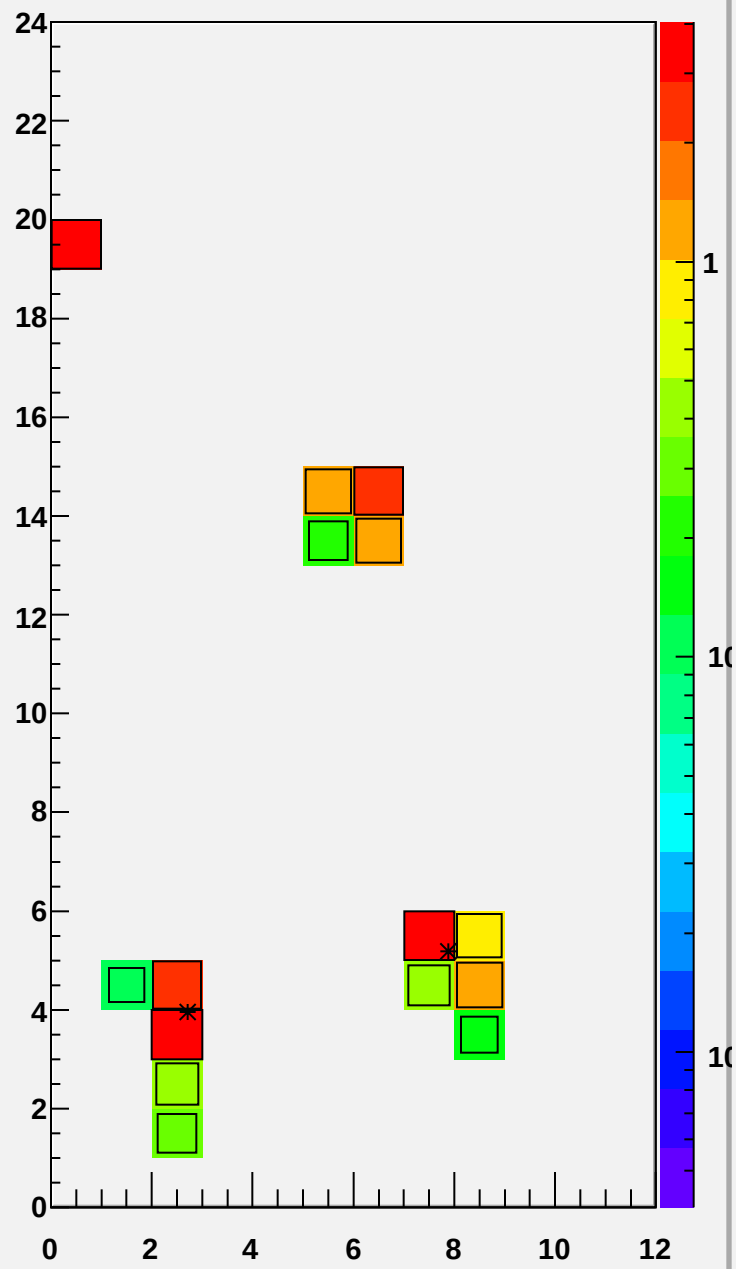
Fitted Energies



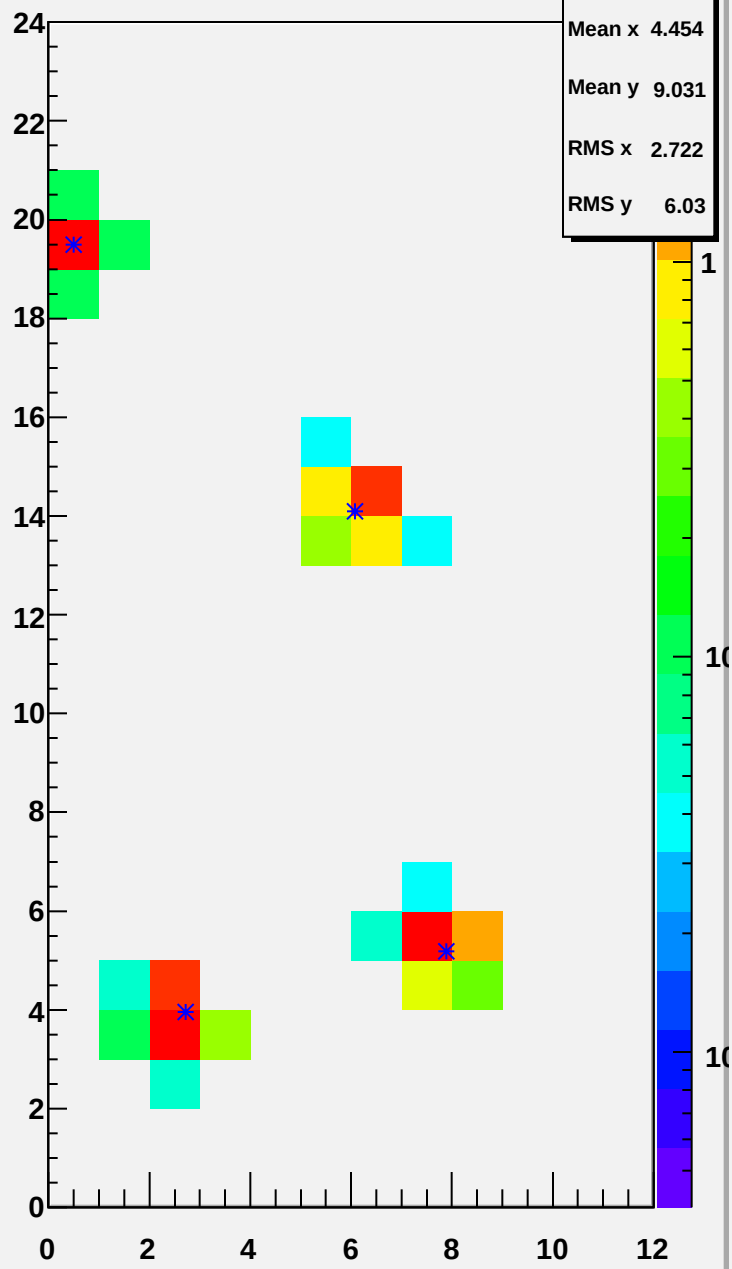
Efit

Entries	288
Mean x	1.558
Mean y	6.14
RMS x	0.5477
RMS y	3.943

NSTB3_r4_c3_En=21.3_m0=0.197 m1=0.197 index=2092



Fitted Energies



Efit

Entries 288

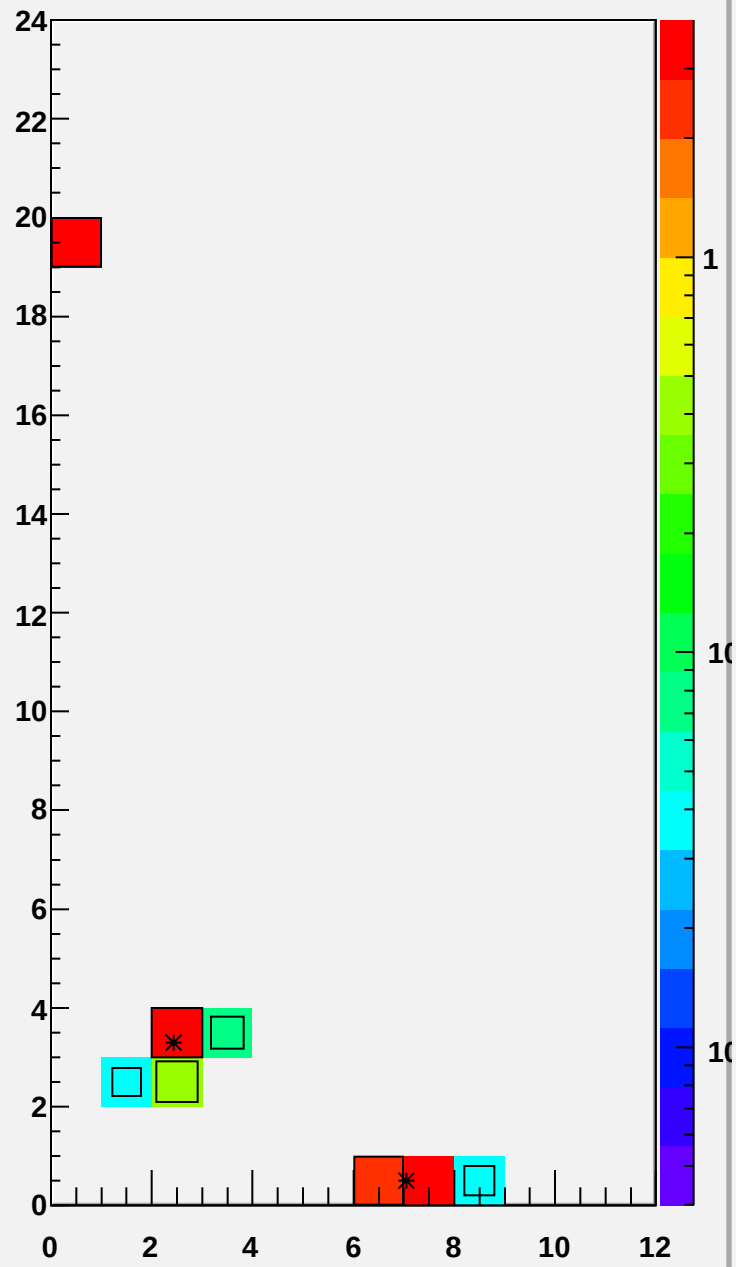
Mean x 4.454

Mean y 9.031

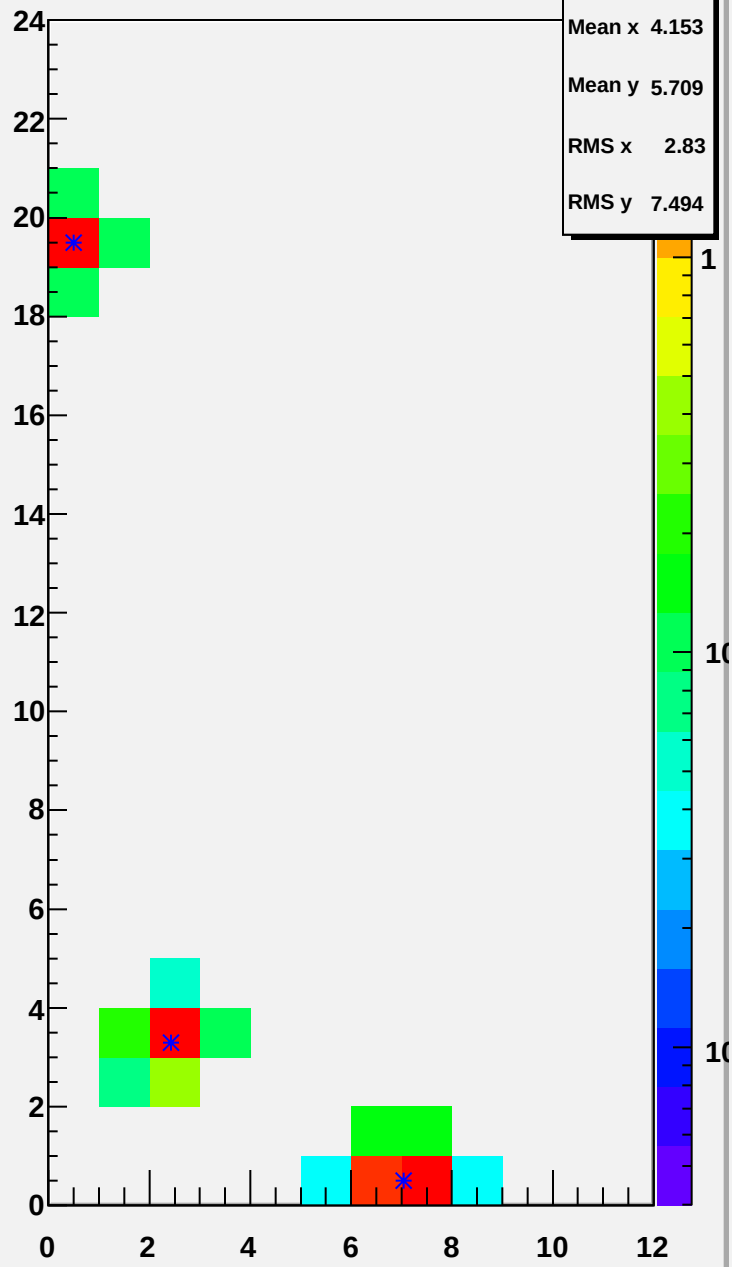
RMS x 2.722

RMS y 6.03

NSTB3_r4_c3_En=14.0_m0=0.172 m1=0.172 index=2093



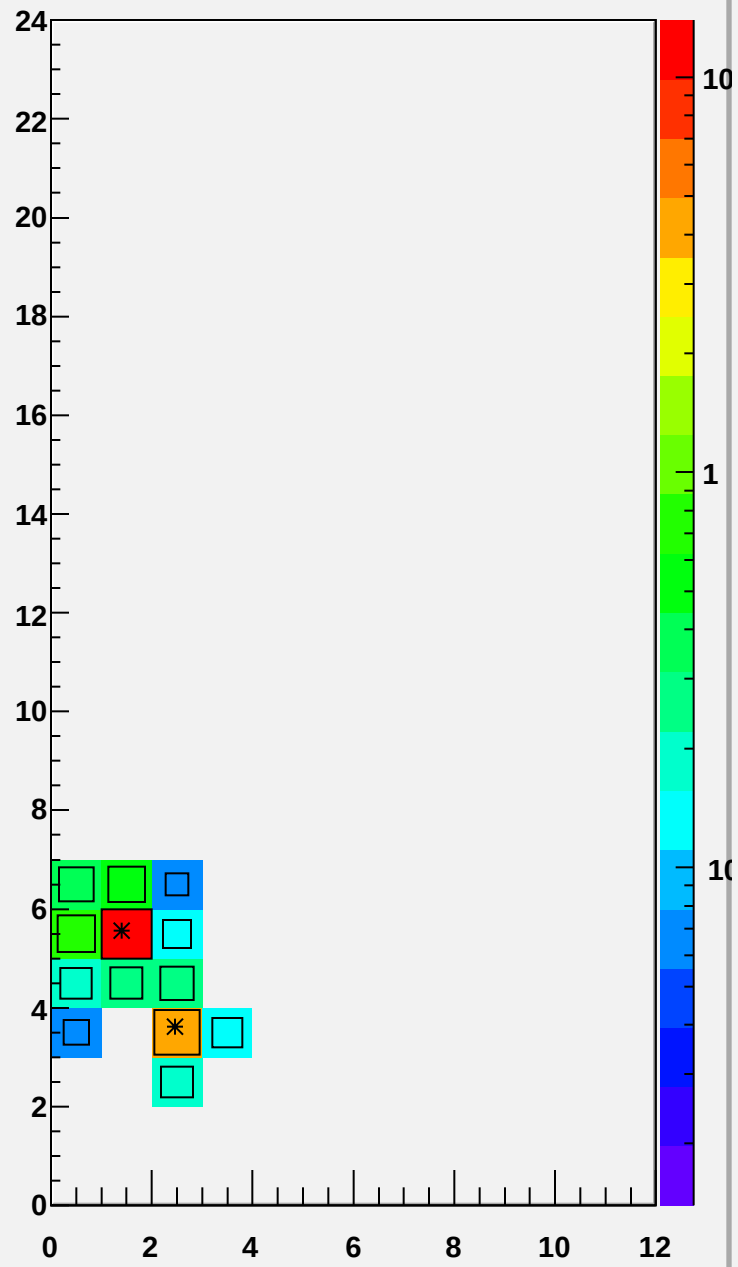
Fitted Energies



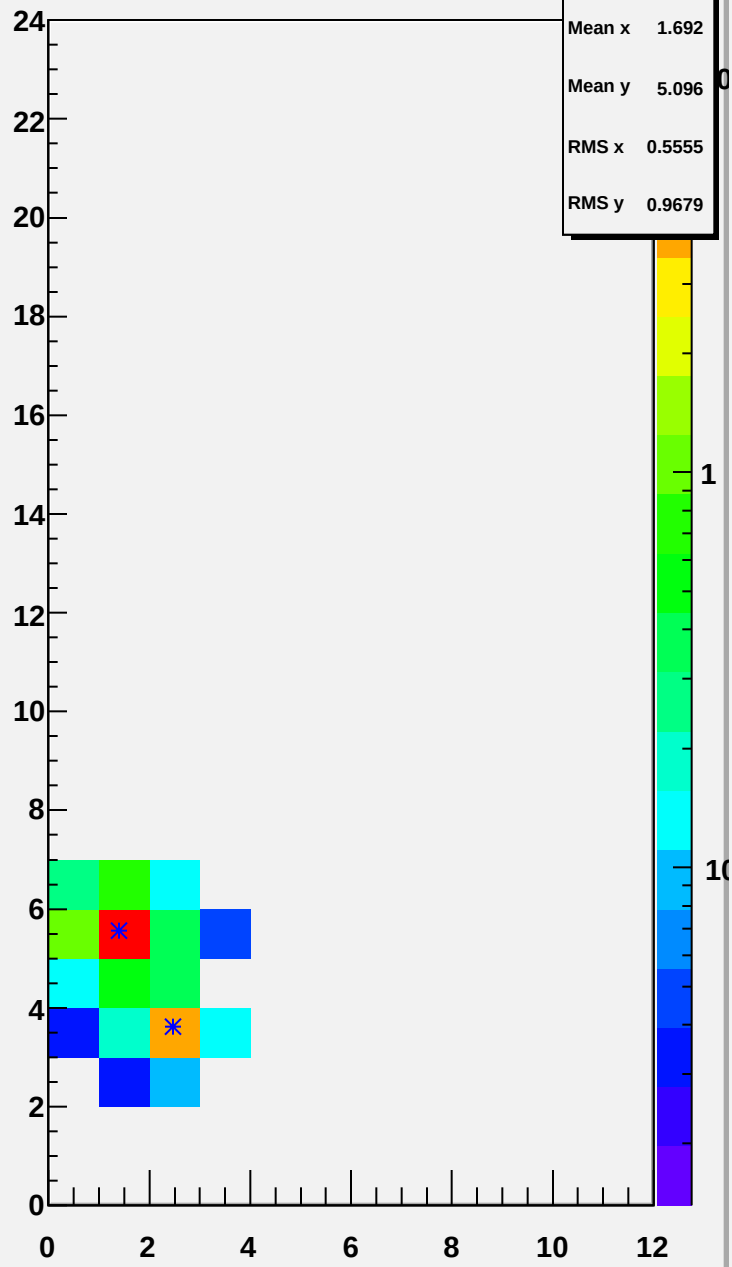
Efit

Entries 288
Mean x 4.153
Mean y 5.709
RMS x 2.83
RMS y 7.494

NSTB3_r4_c3_En=20.9_m0=0.112 m1=0.112 index=2094



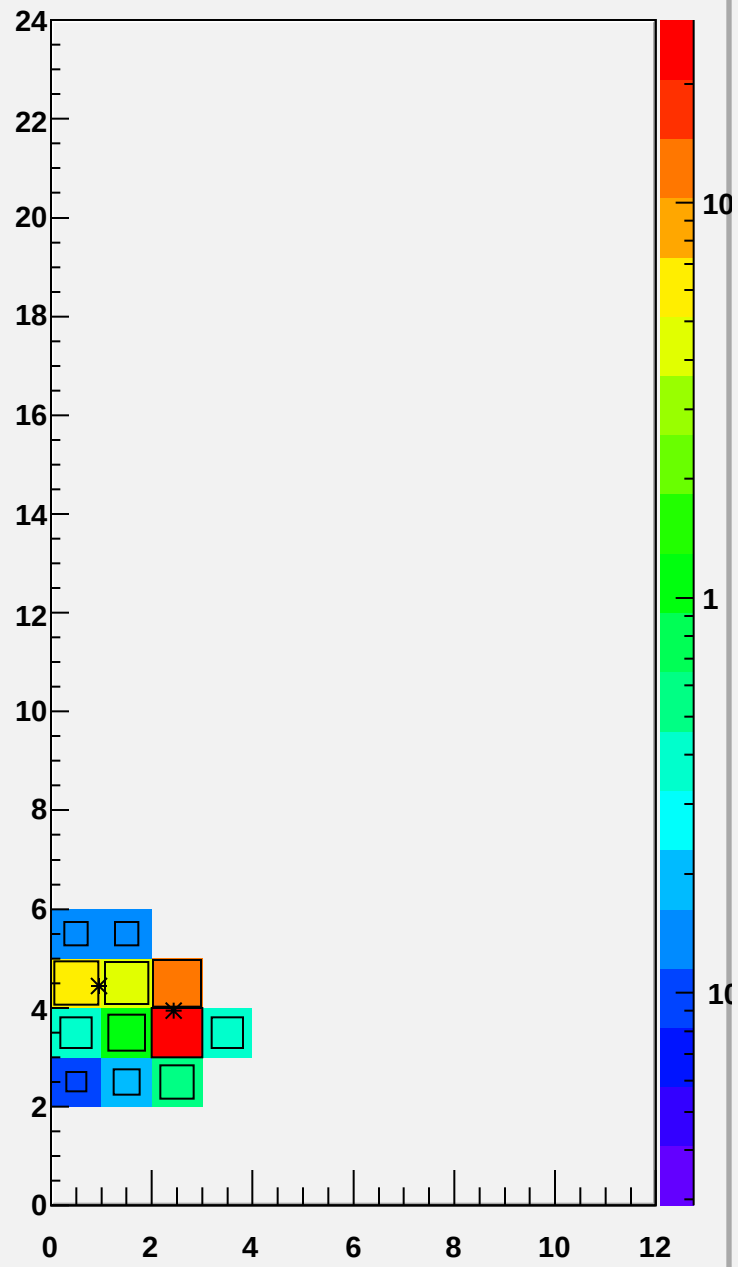
Fitted Energies



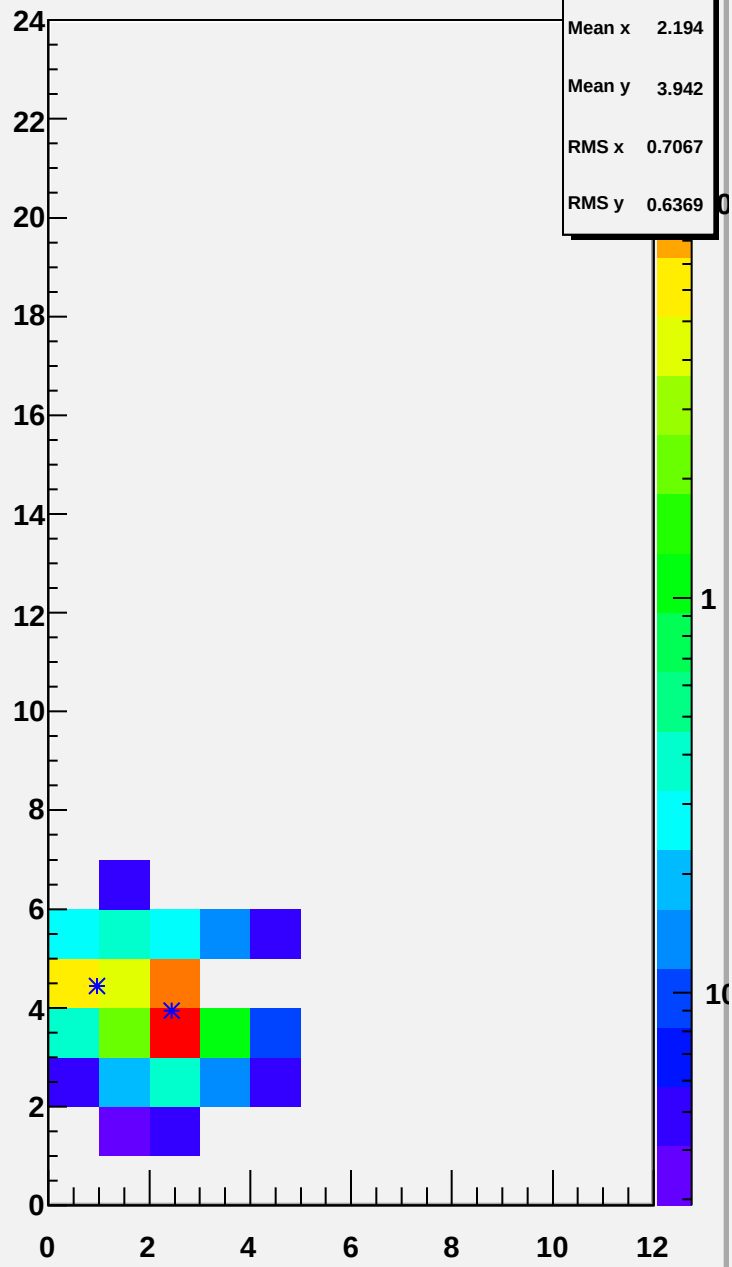
Efit

Entries	288
Mean x	1.692
Mean y	5.096
RMS x	0.5555
RMS y	0.9679

NSTB3_r4_c3_En=56.5_m0=0.185 m1=0.185 index=2096



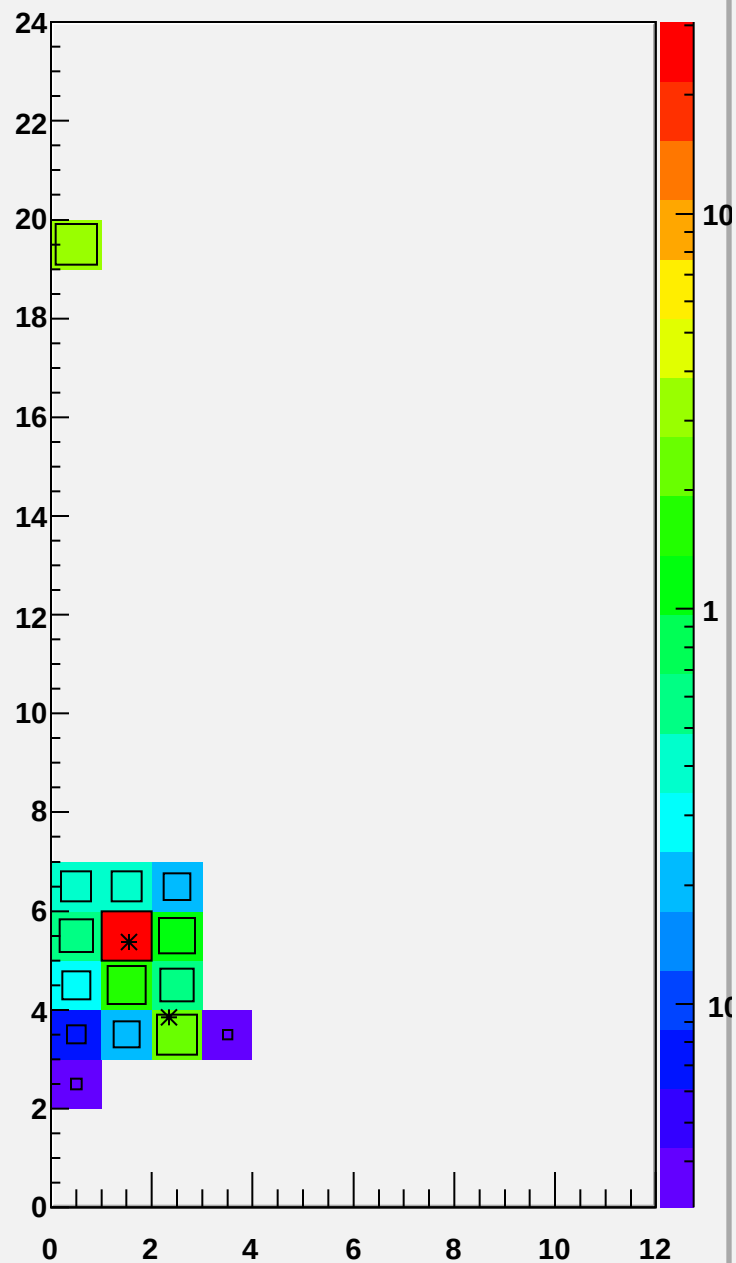
Fitted Energies



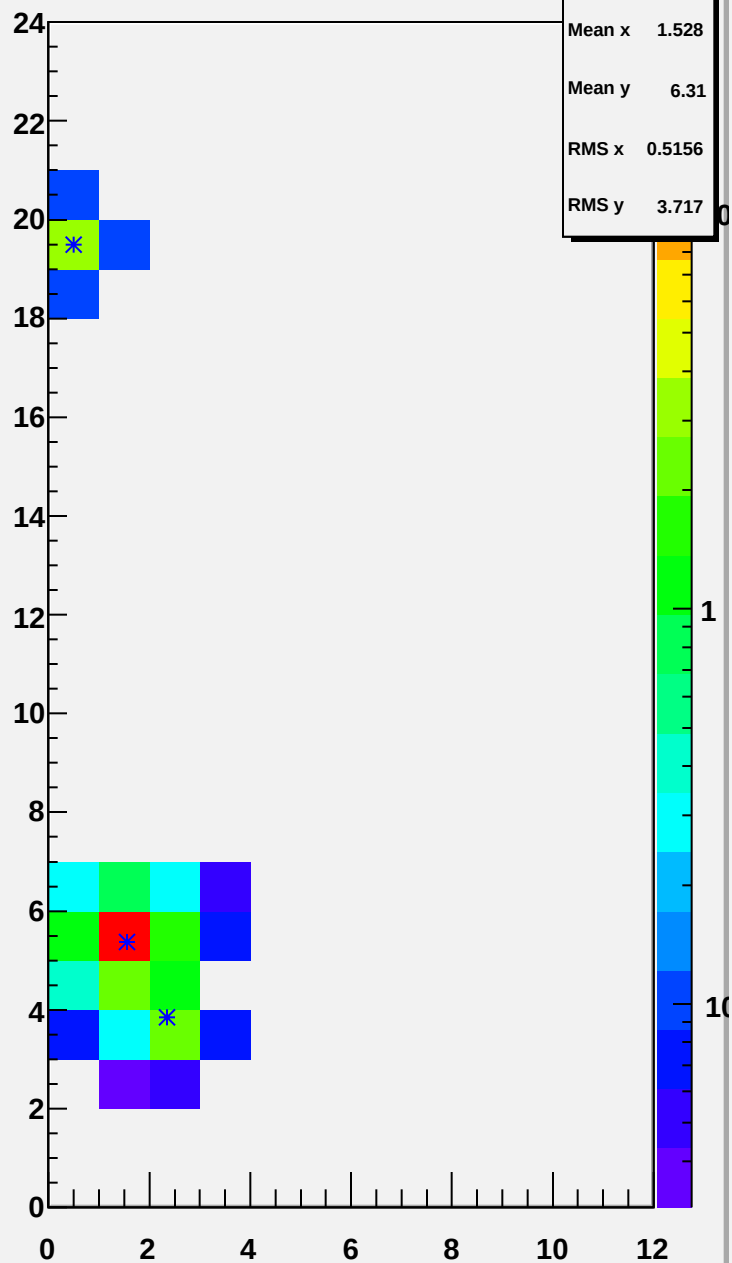
Efit

Entries	288
Mean x	2.194
Mean y	3.942
RMS x	0.7067
RMS y	0.6369

NSTB3_r4_c3_En=42.0_m0=0.114 m1=0.114 index=2097



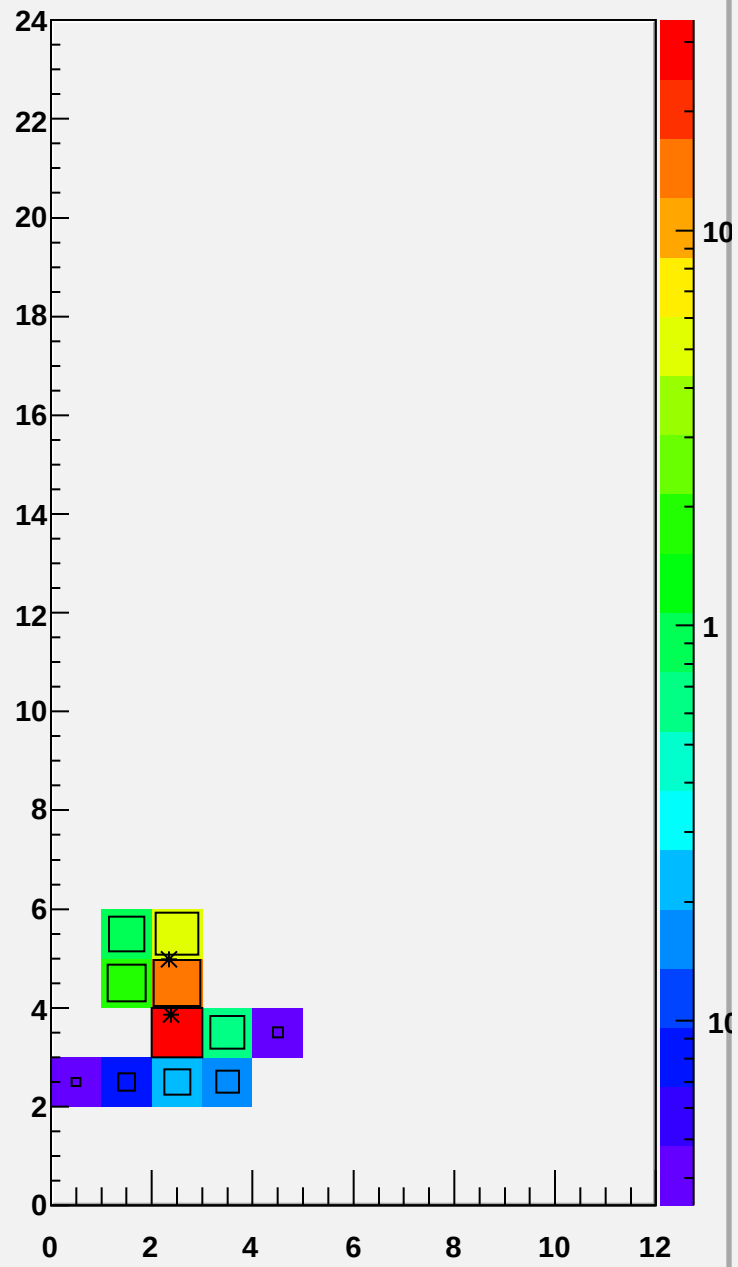
Fitted Energies



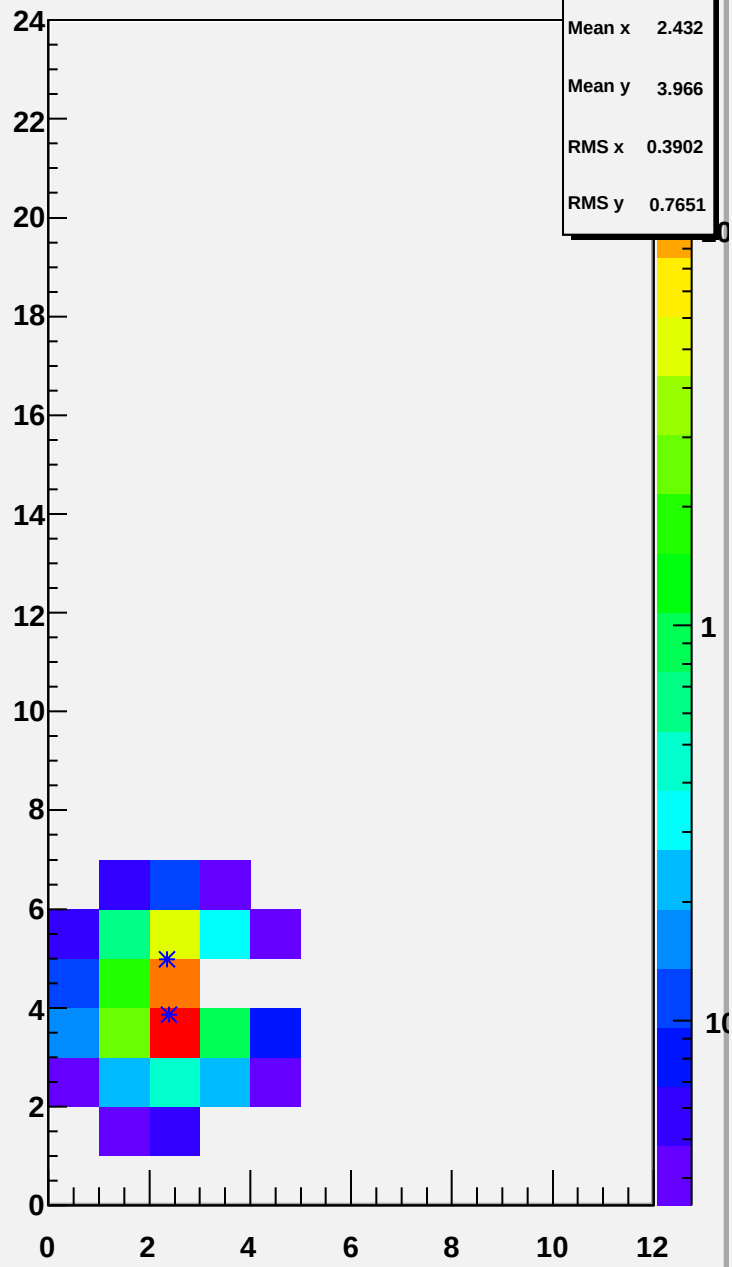
Efit

Entries	288
Mean x	1.528
Mean y	6.31
RMS x	0.5156
RMS y	3.717

NSTB3_r4_c3_En=57.3_m0=0.158 m1=0.158 index=2098



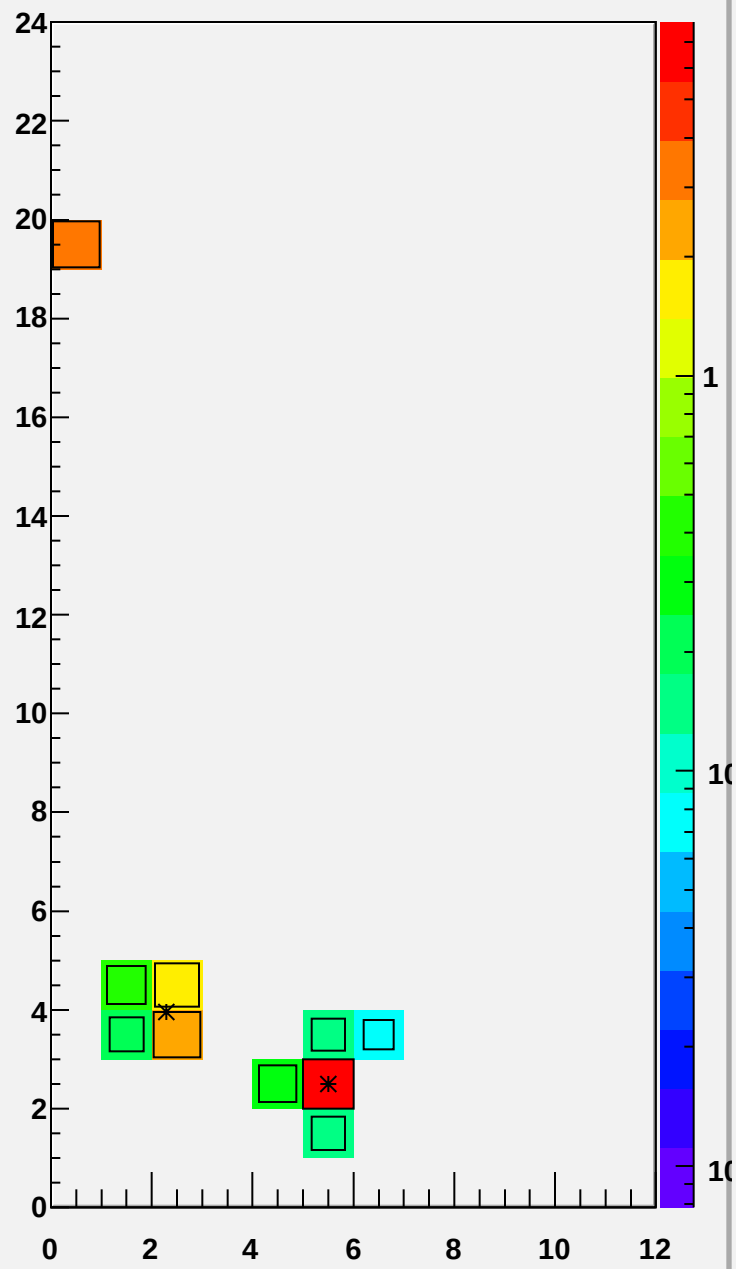
Fitted Energies



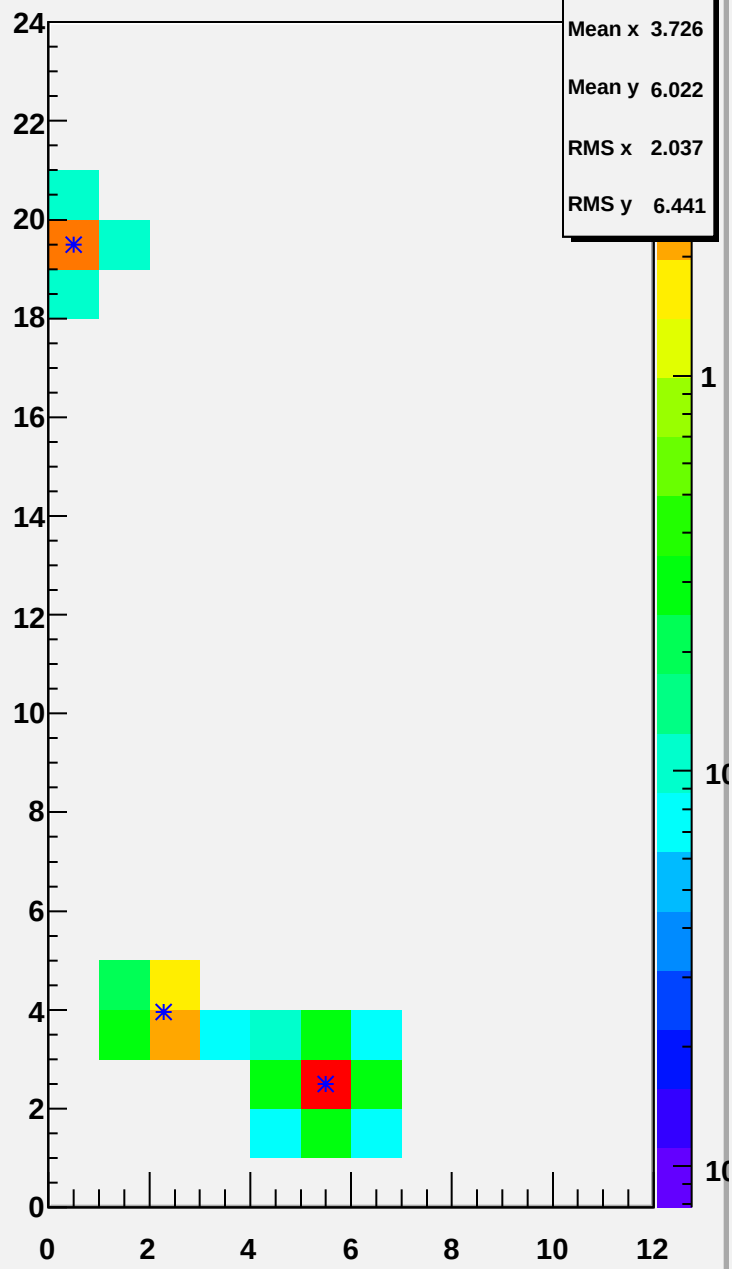
Efit

Entries	288
Mean x	2.432
Mean y	3.966
RMS x	0.3902
RMS y	0.7651

NSTB3_r4_c3_En=16.7_m0=0.135 m1=0.136 index=2099



Fitted Energies



Efit

Entries 288

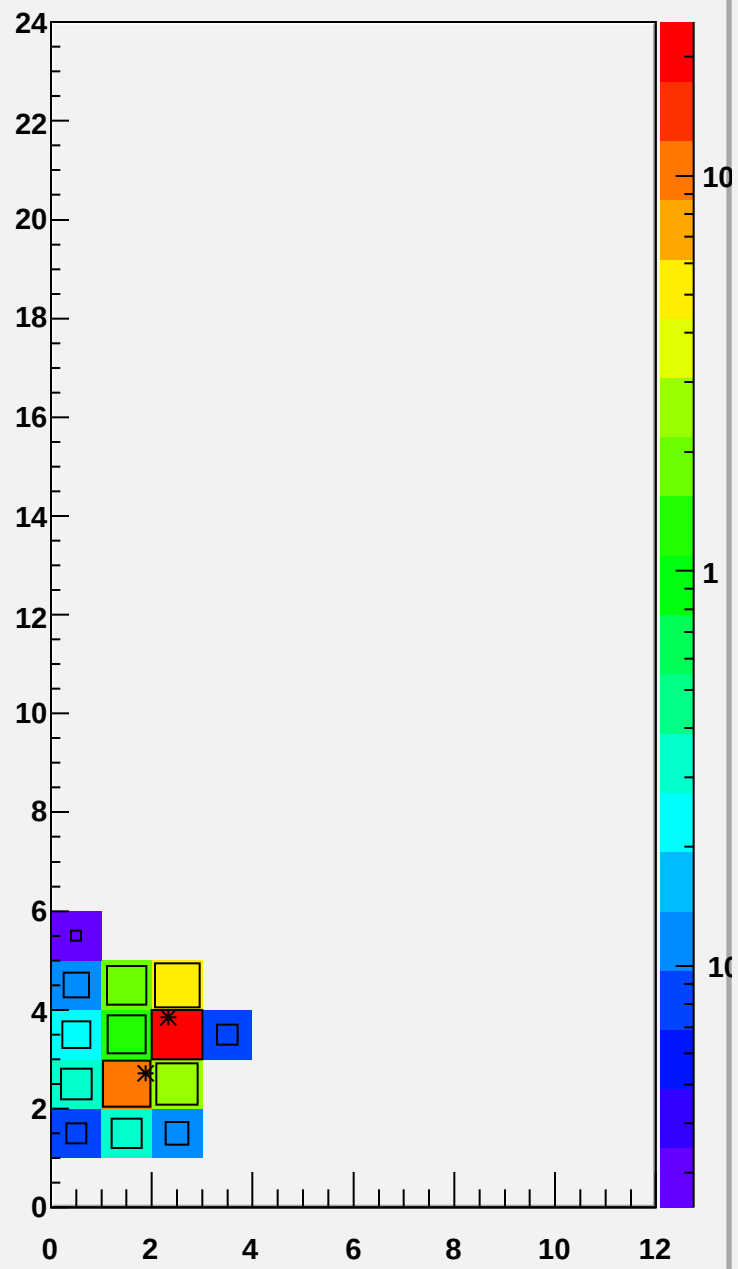
Mean x 3.726

Mean y 6.022

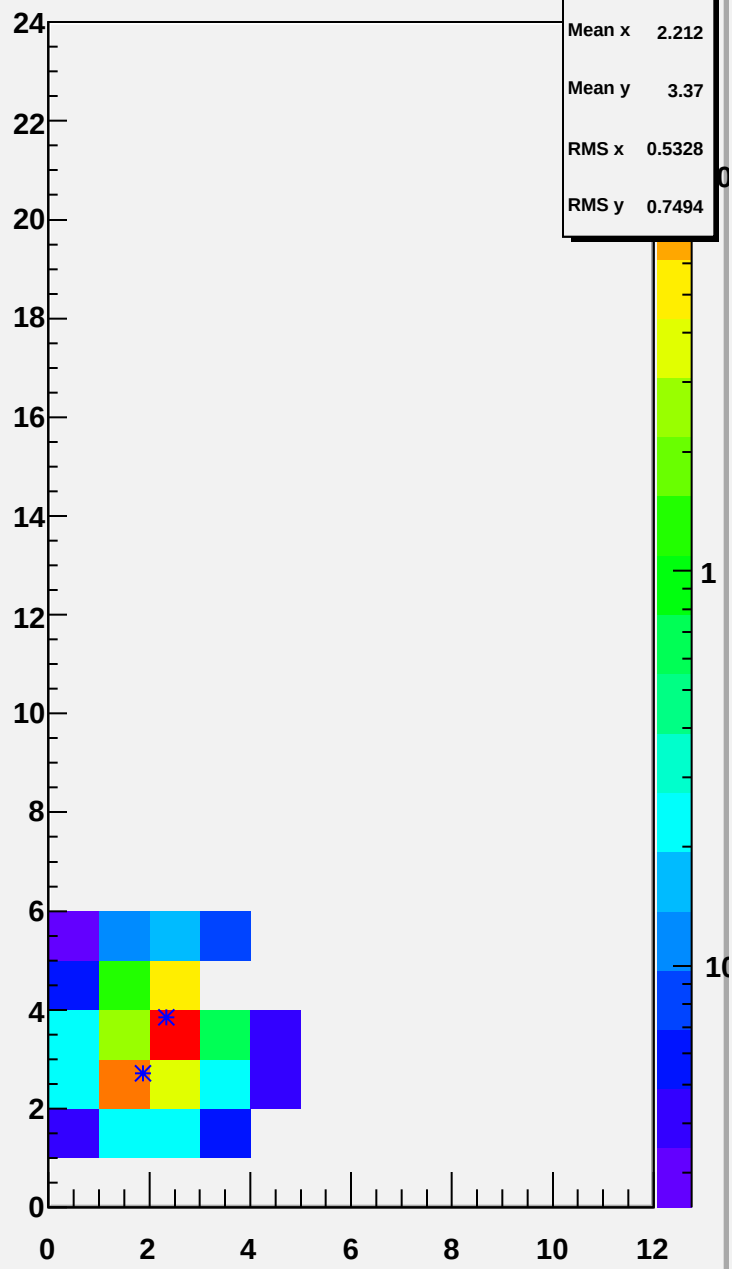
RMS x 2.037

RMS y 6.441

NSTB3_r4_c3_En=46.9_m0=0.154 m1=0.155 index=2100



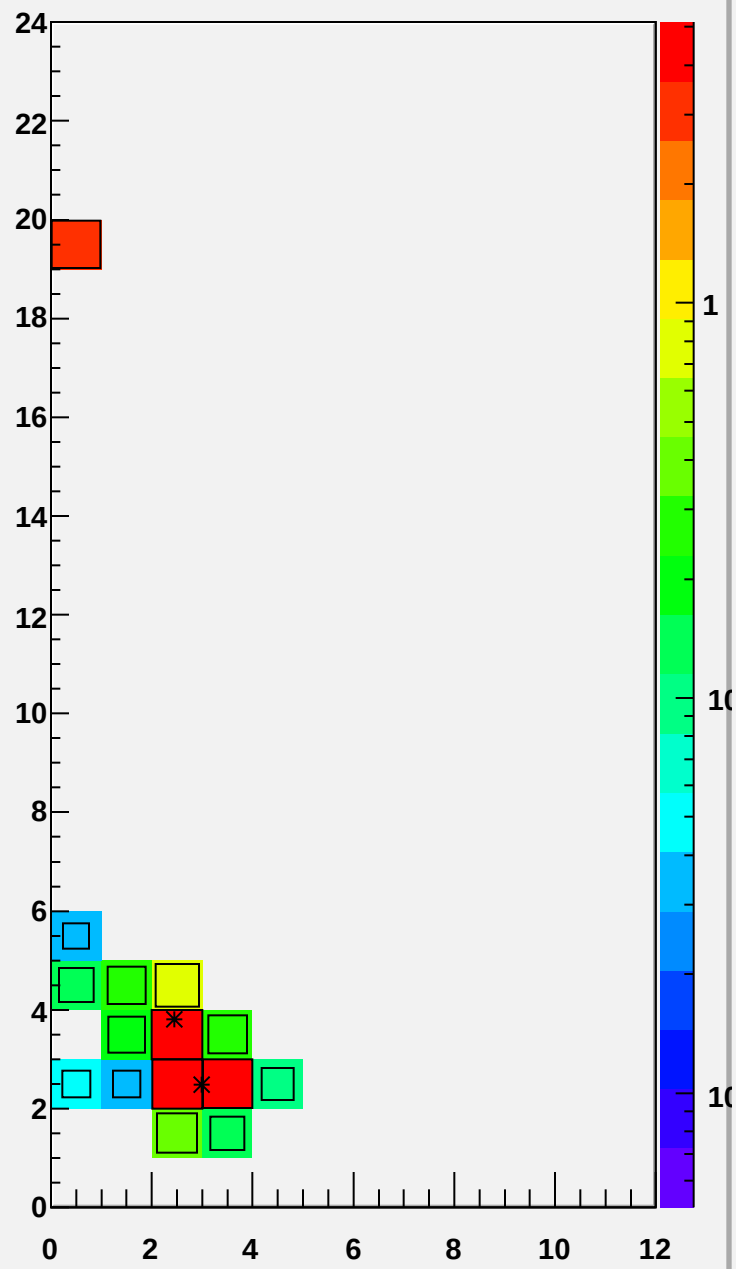
Fitted Energies



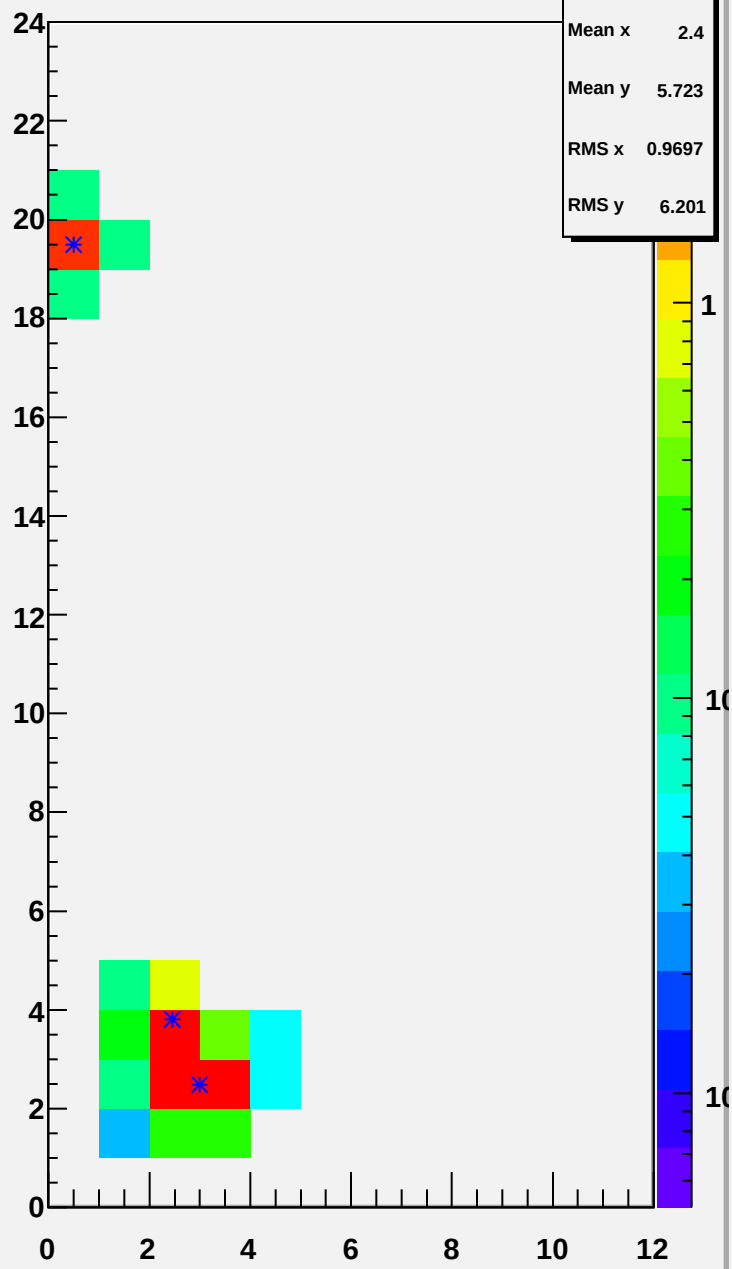
Efit

Entries	288
Mean x	2.212
Mean y	3.37
RMS x	0.5328
RMS y	0.7494

NSTB3_r4_c3_En=19.6_m0=0.063 m1=0.063 index=2101



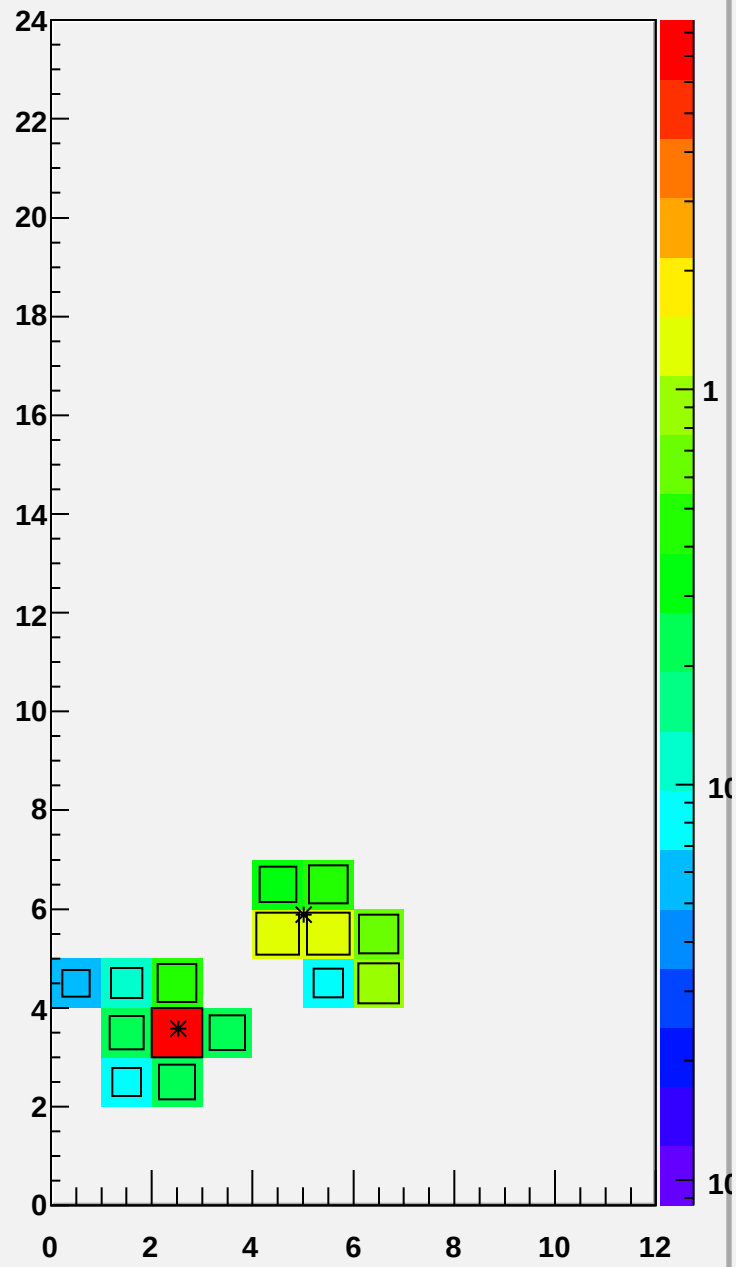
Fitted Energies



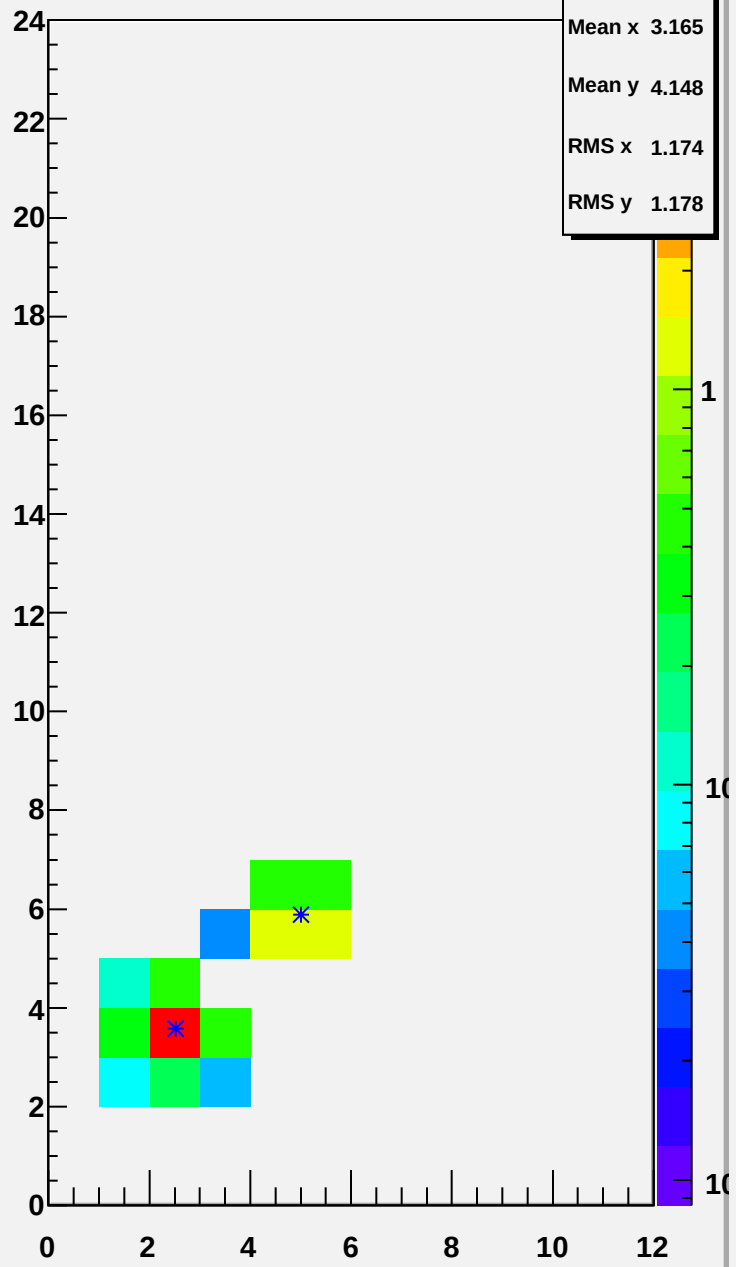
Efit

Entries	288
Mean x	2.4
Mean y	5.723
RMS x	0.9697
RMS y	6.201

NSTB3_r4_c3_En=15.0_m0=0.121 m1=0.121 index=2102



Fitted Energies



Efit

Entries 288

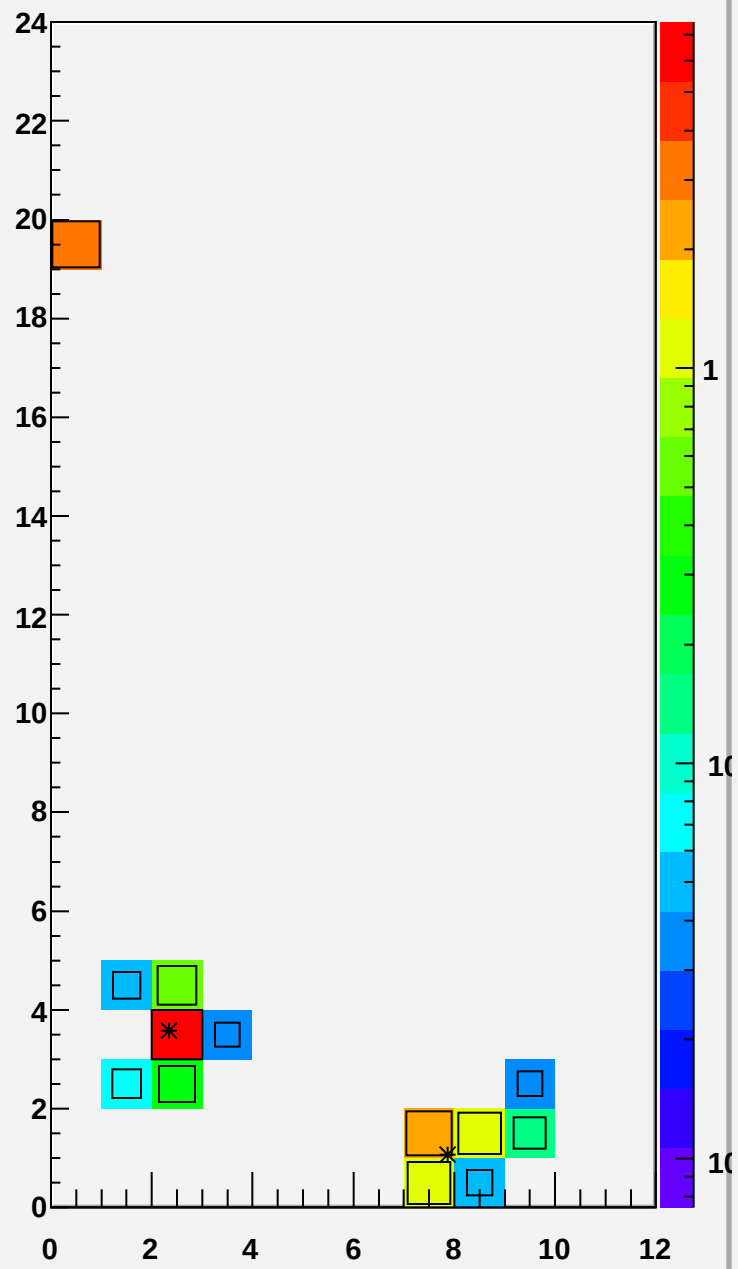
Mean x 3.165

Mean y 4.148

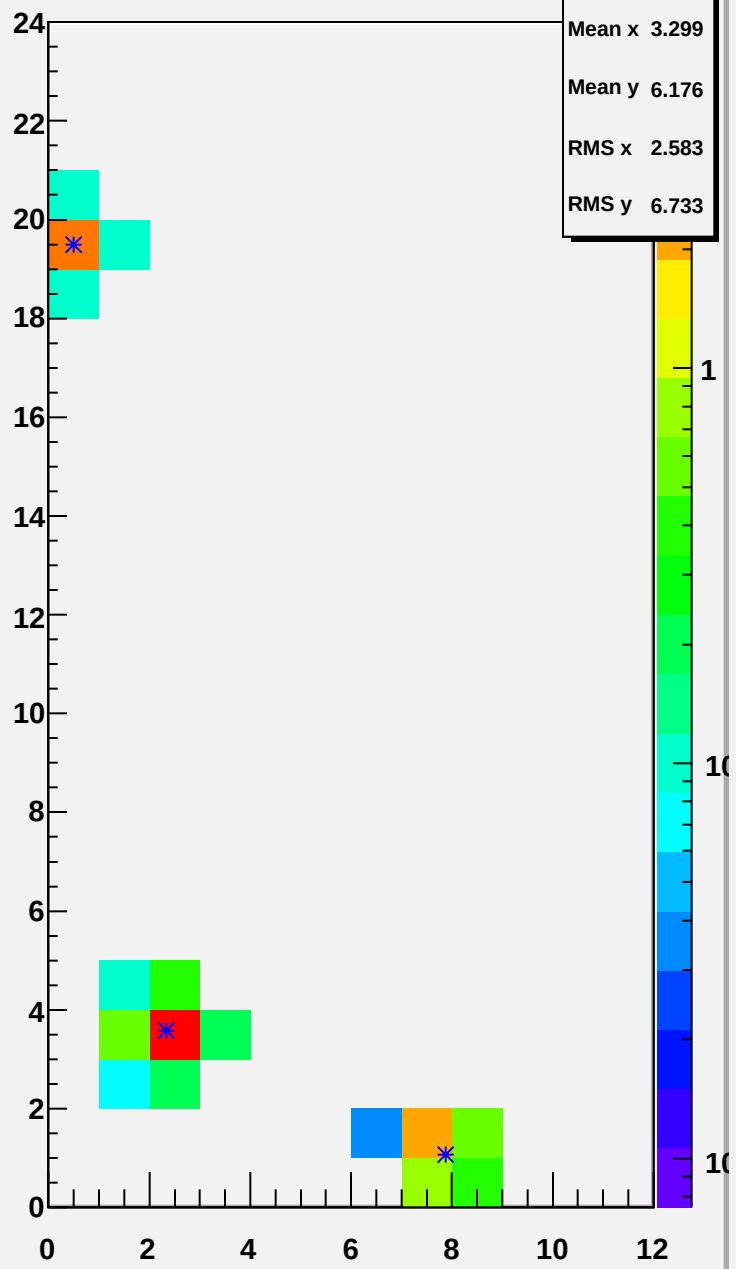
RMS x 1.174

RMS y 1.178

NSTB3_r4_c3_En=16.0_m0=0.204 m1=0.204 index=2103



Fitted Energies



Efit

Entries 288

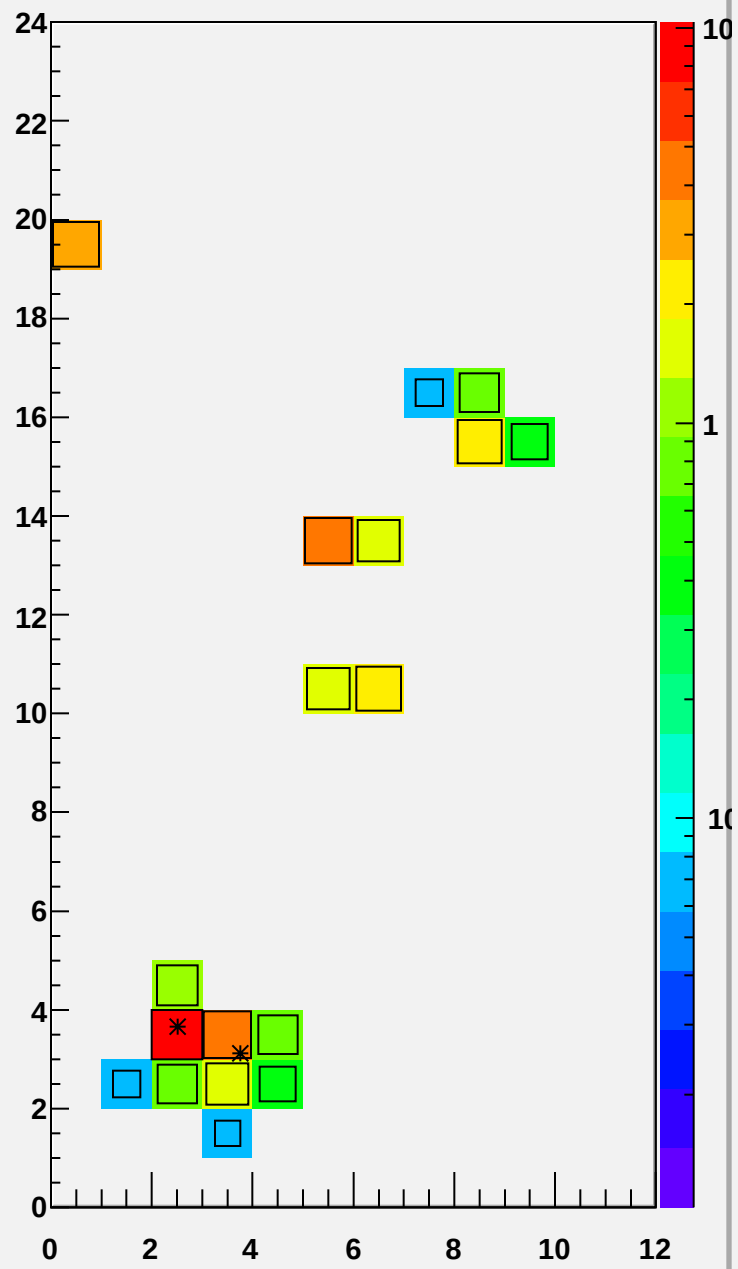
Mean x 3.299

Mean y 6.176

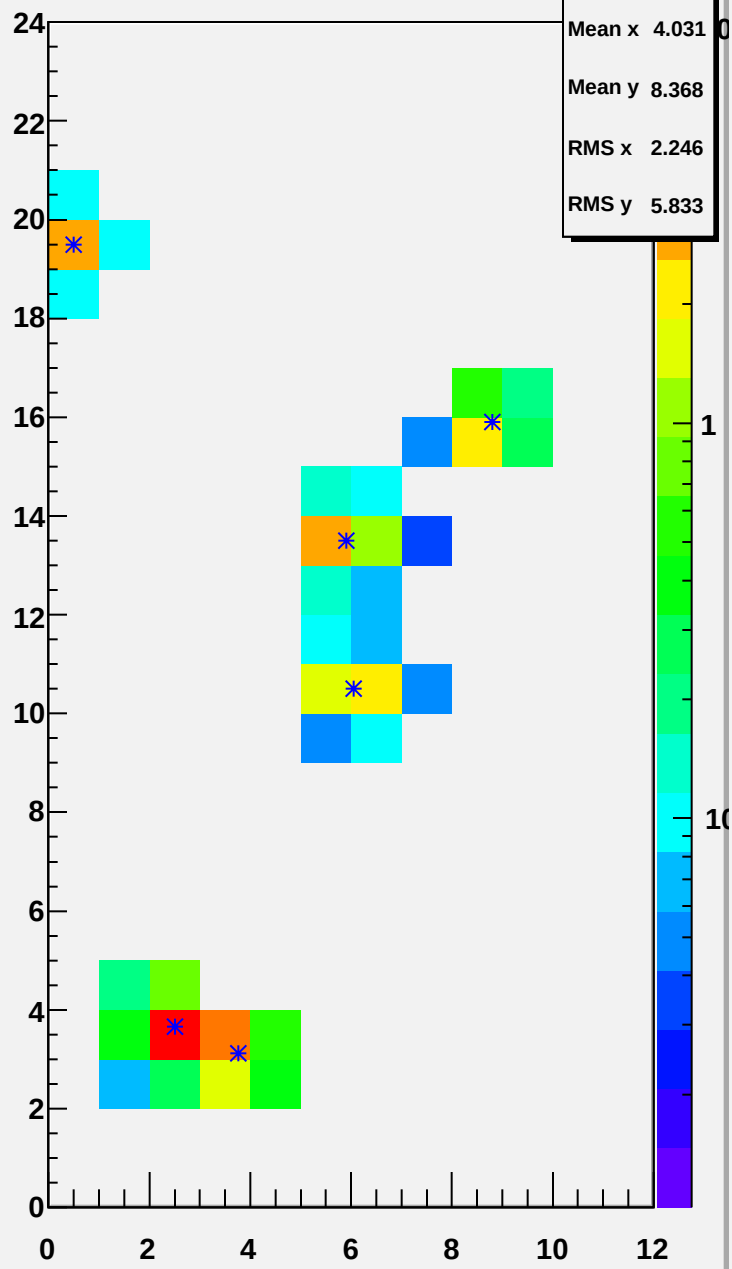
RMS x 2.583

RMS y 6.733

NSTB3_r4_c3_En=35.1_m0=0.072 m1=0.072 index=2104



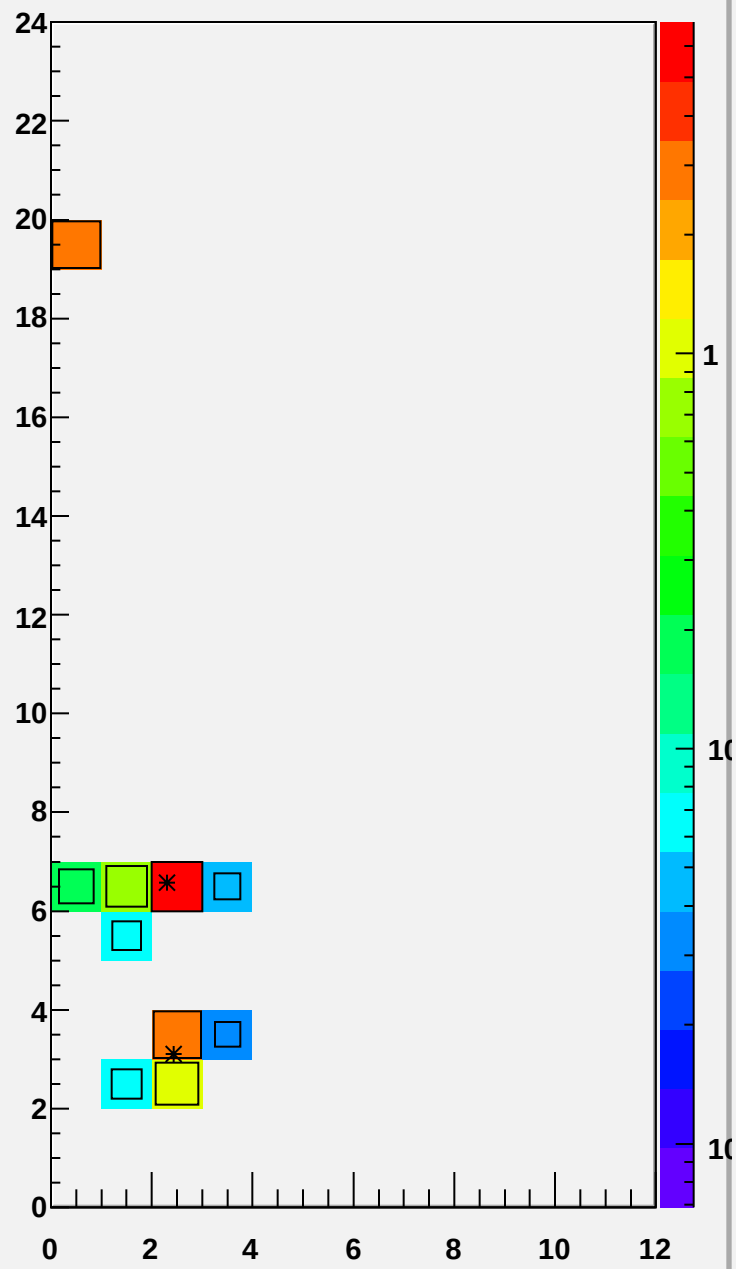
Fitted Energies



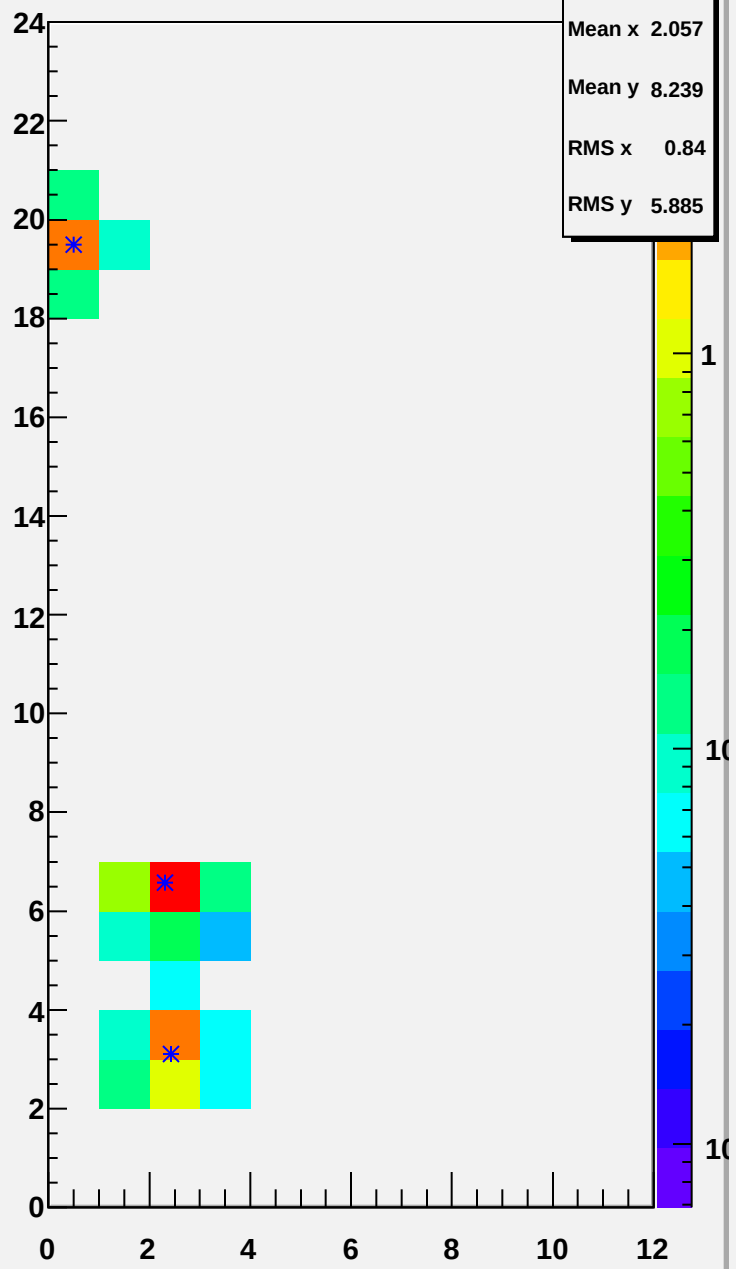
Efit

Entries 288
Mean x 4.031
Mean y 8.368
RMS x 2.246
RMS y 5.833

NSTB3_r4_c3_En=15.3_m0=0.122 m1=0.122 index=2105



Fitted Energies



Efit

Entries 288

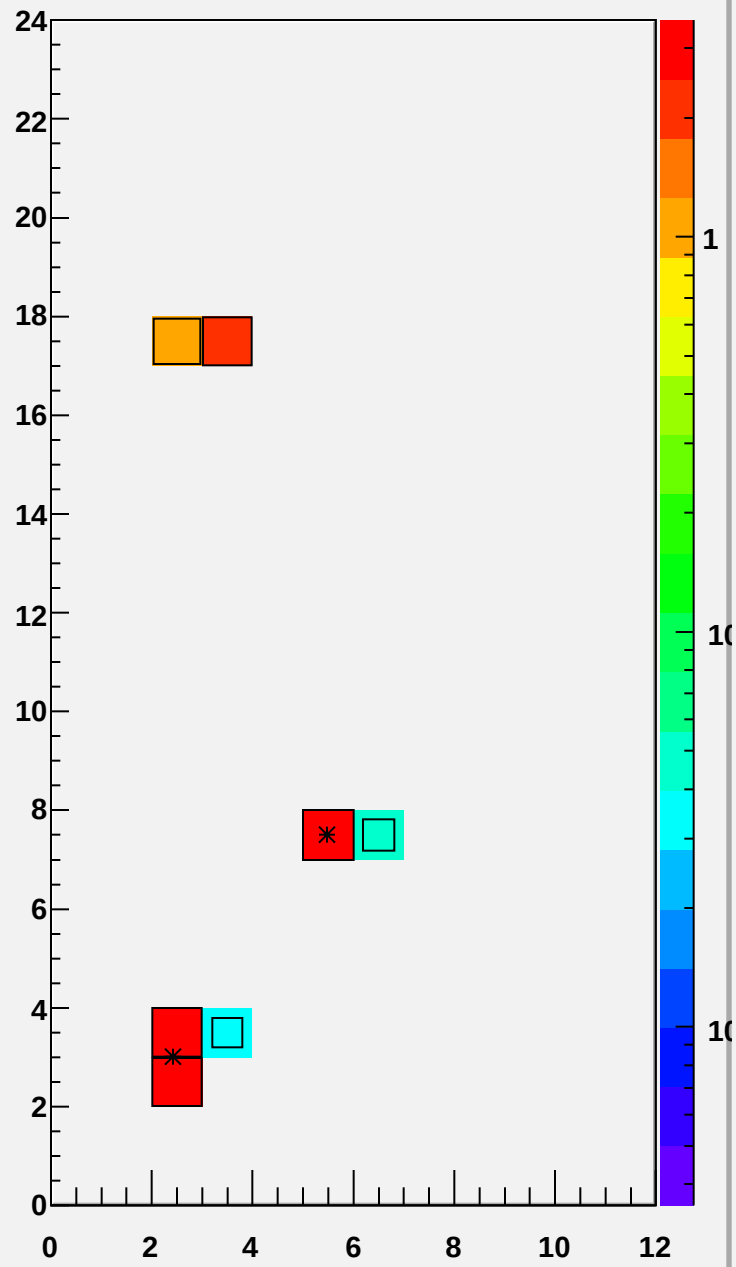
Mean x 2.057

Mean y 8.239

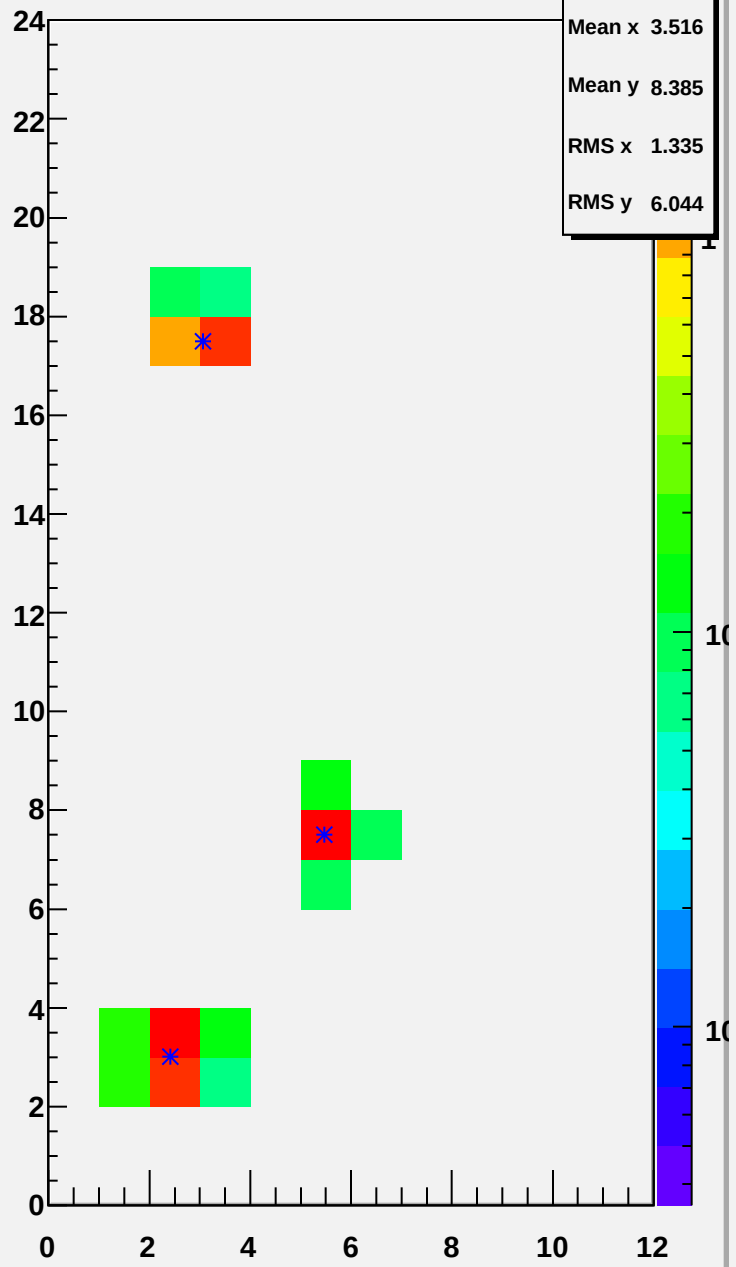
RMS x 0.84

RMS y 5.885

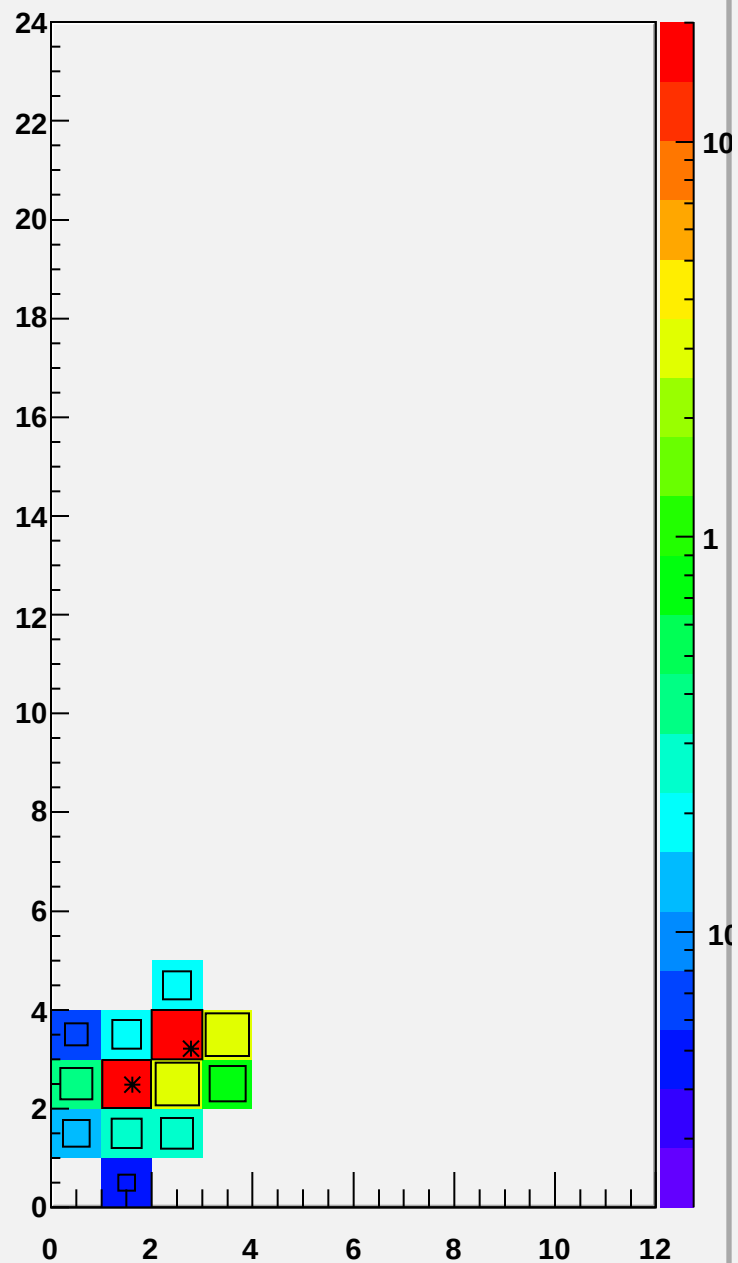
NSTB3_r4_c3_En=12.6_m0=0.146 m1=0.146 index=2106



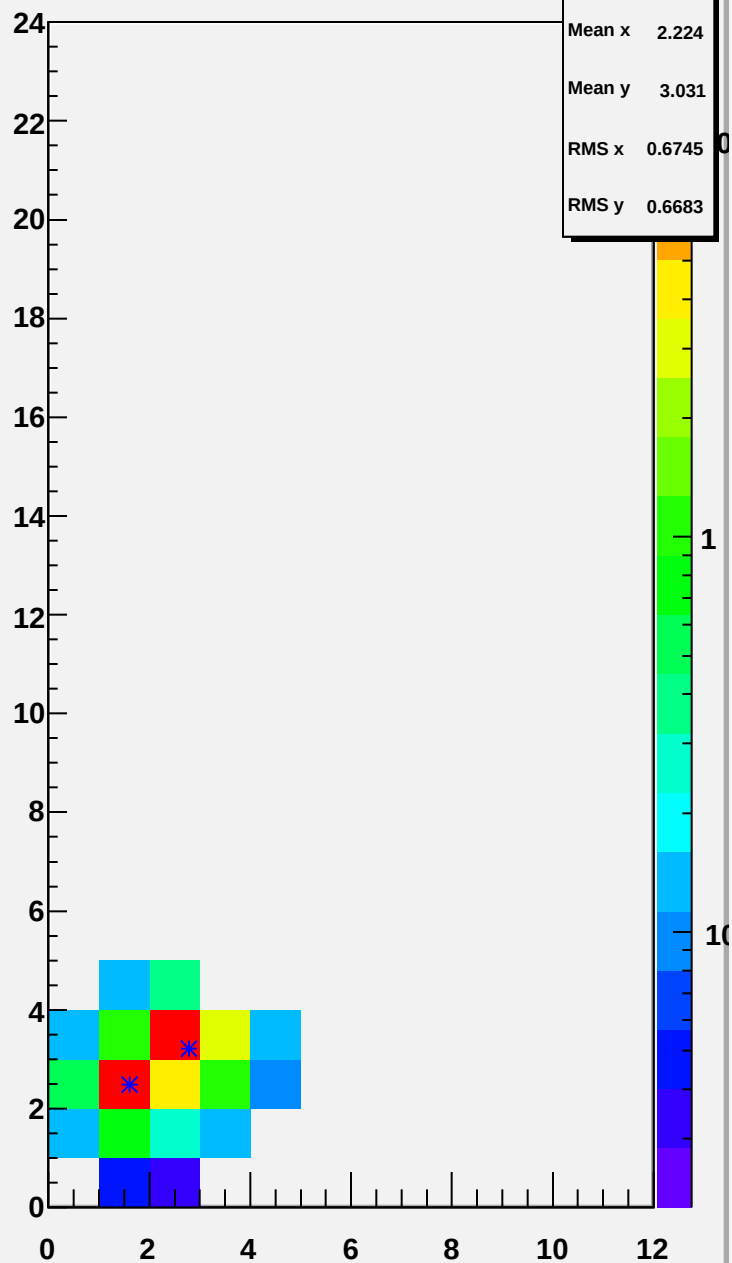
Fitted Energies



NSTB3_r4_c3_En=43.5_m0=0.168 m1=0.168 index=2107



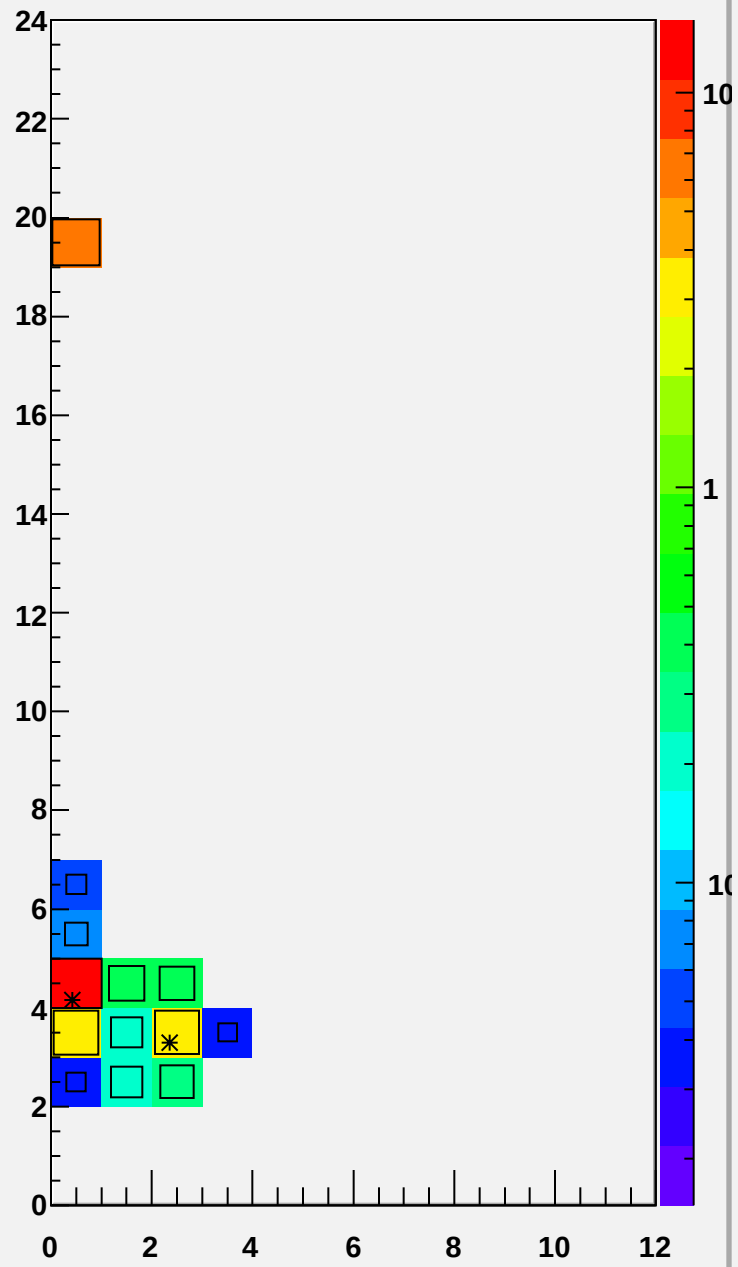
Fitted Energies



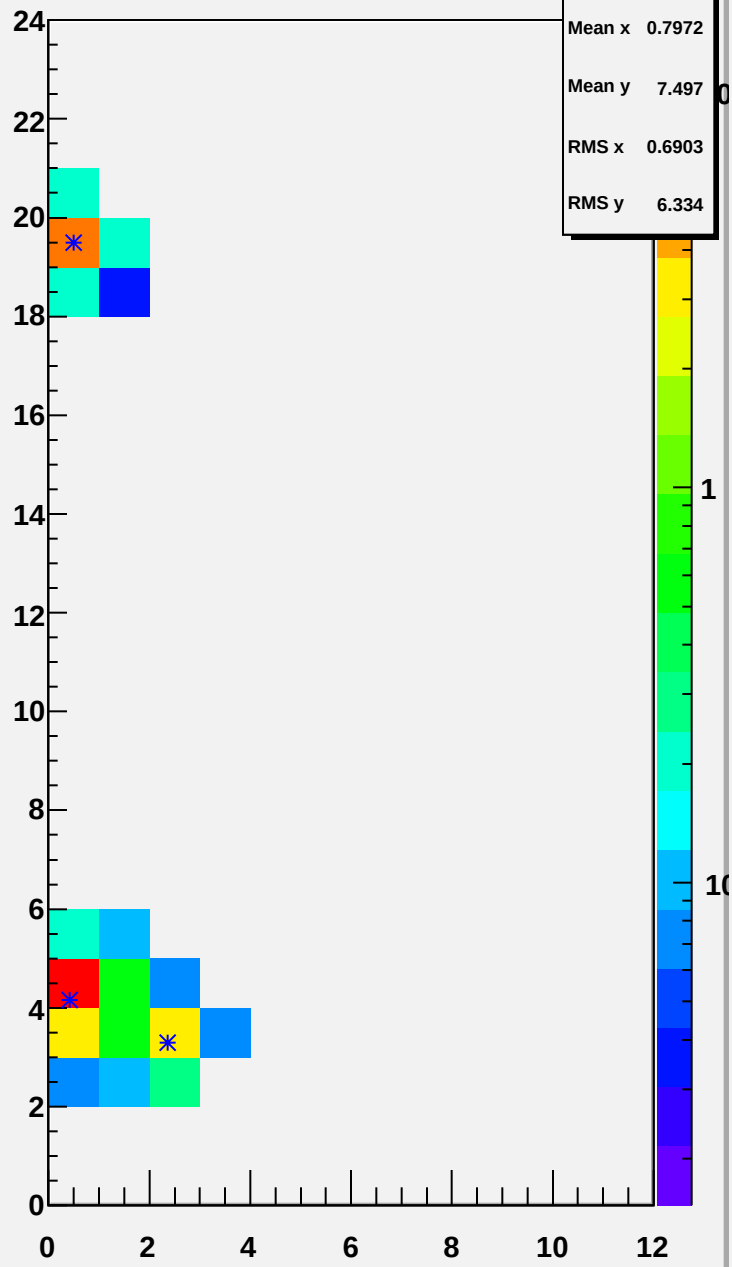
Efit

Entries	288
Mean x	2.224
Mean y	3.031
RMS x	0.6745
RMS y	0.6683

NSTB3_r4_c3_En=30.3_m0=0.108 m1=0.108 index=2108



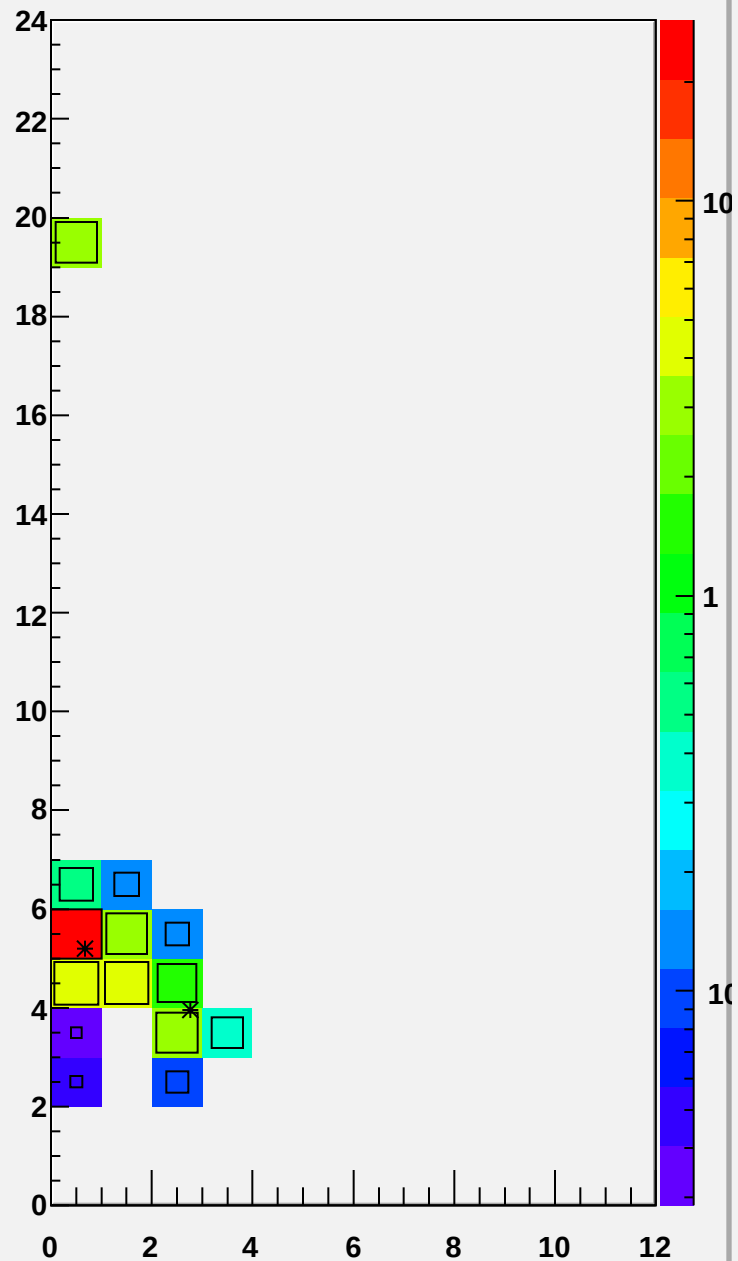
Fitted Energies



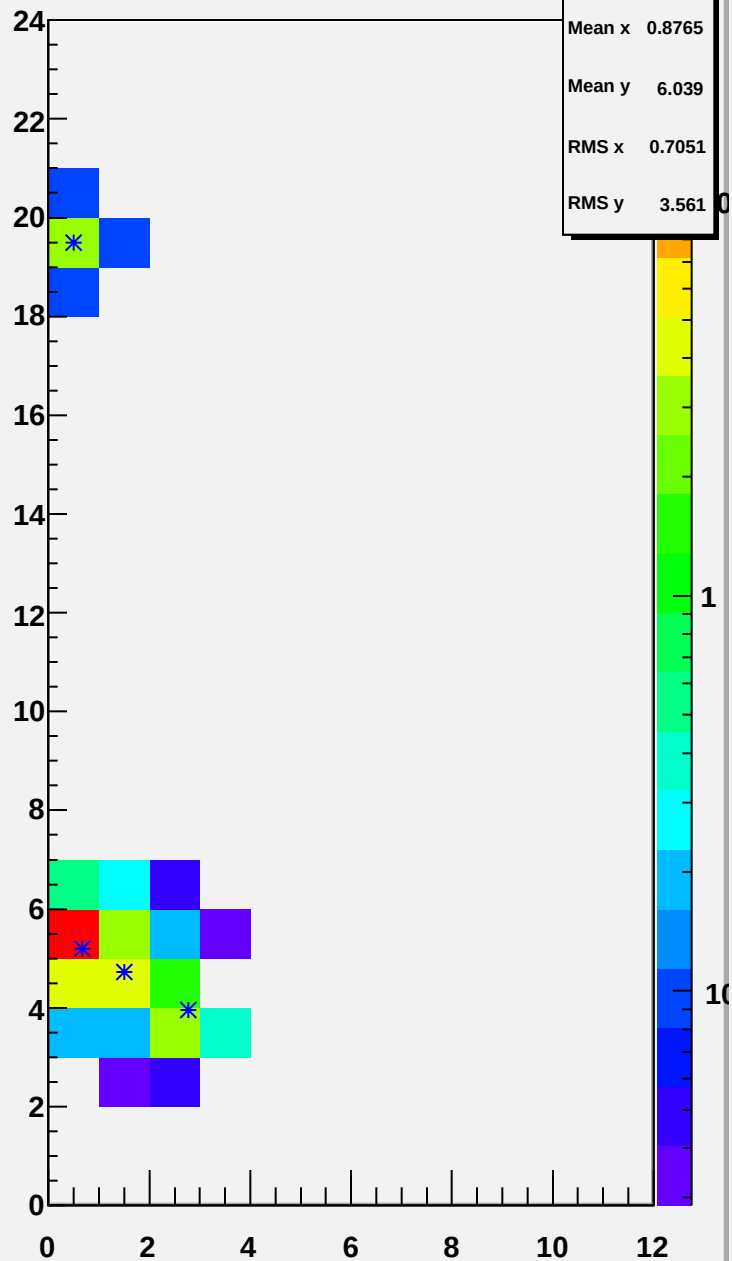
Efit

Entries	288
Mean x	0.7972
Mean y	7.497
RMS x	0.6903
RMS y	6.334

NSTB3_r4_c3_En=49.8_m0=0.198 m1=0.199 index=2109



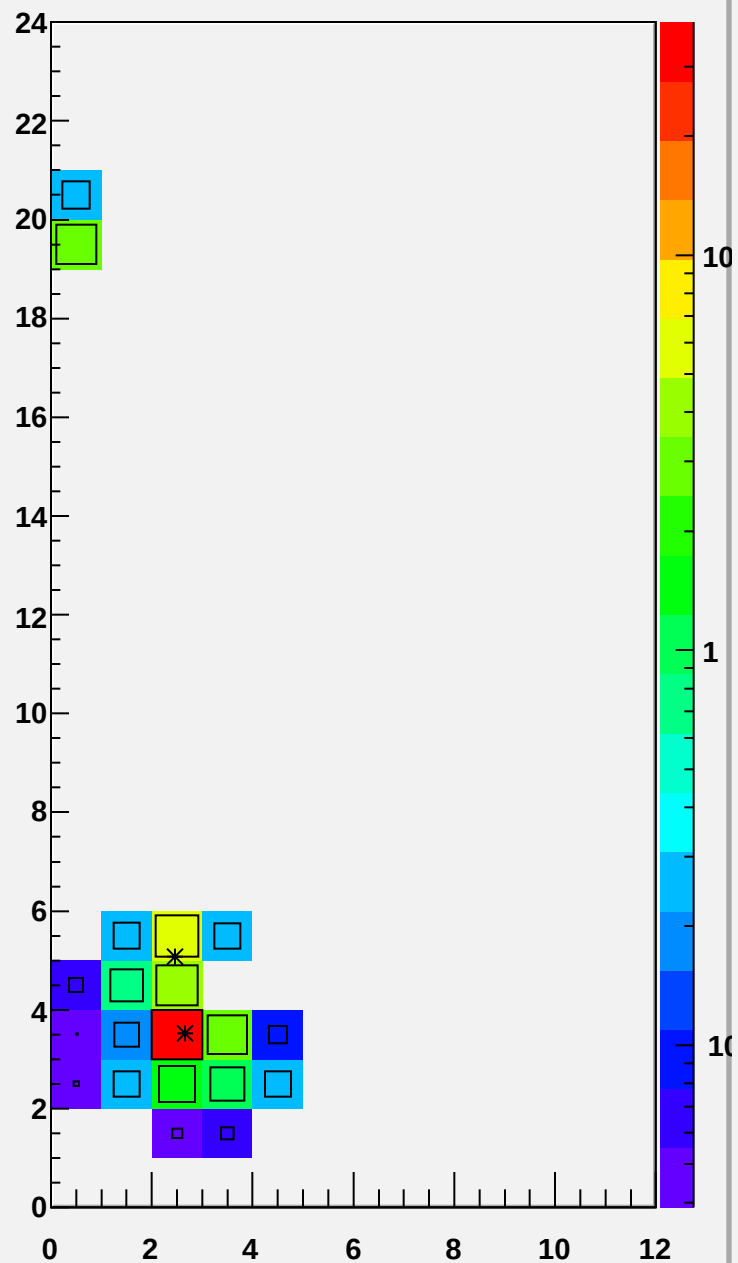
Fitted Energies



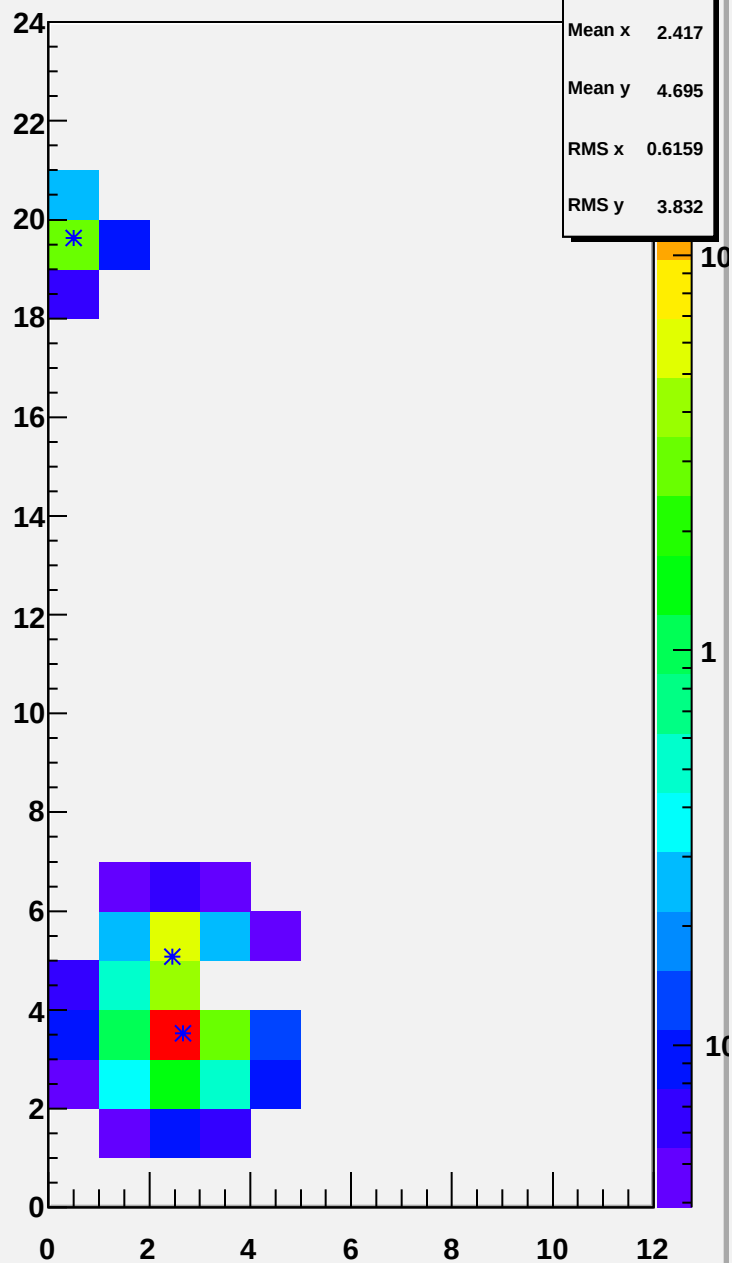
Efit

Entries 288
Mean x 0.8765
Mean y 6.039
RMS x 0.7051
RMS y 3.561

NSTB3_r4_c3_En=58.4_m0=0.167 m1=0.167 index=2111



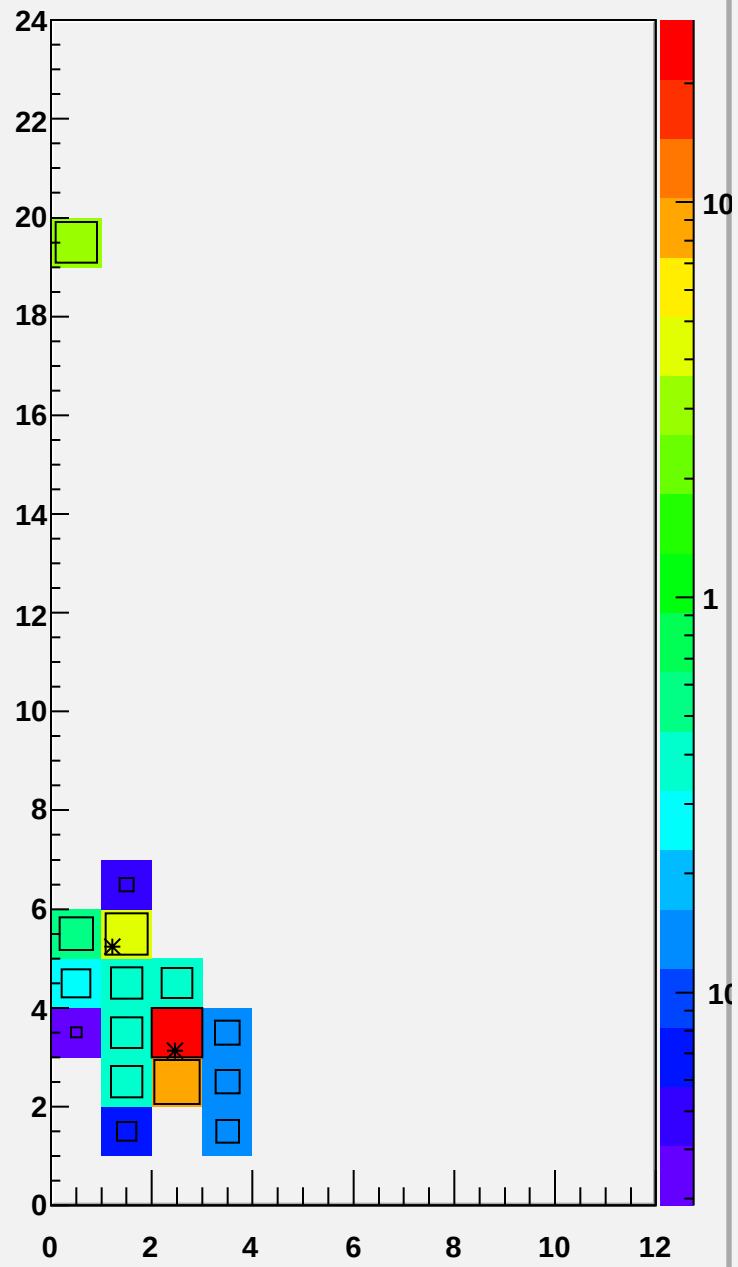
Fitted Energies



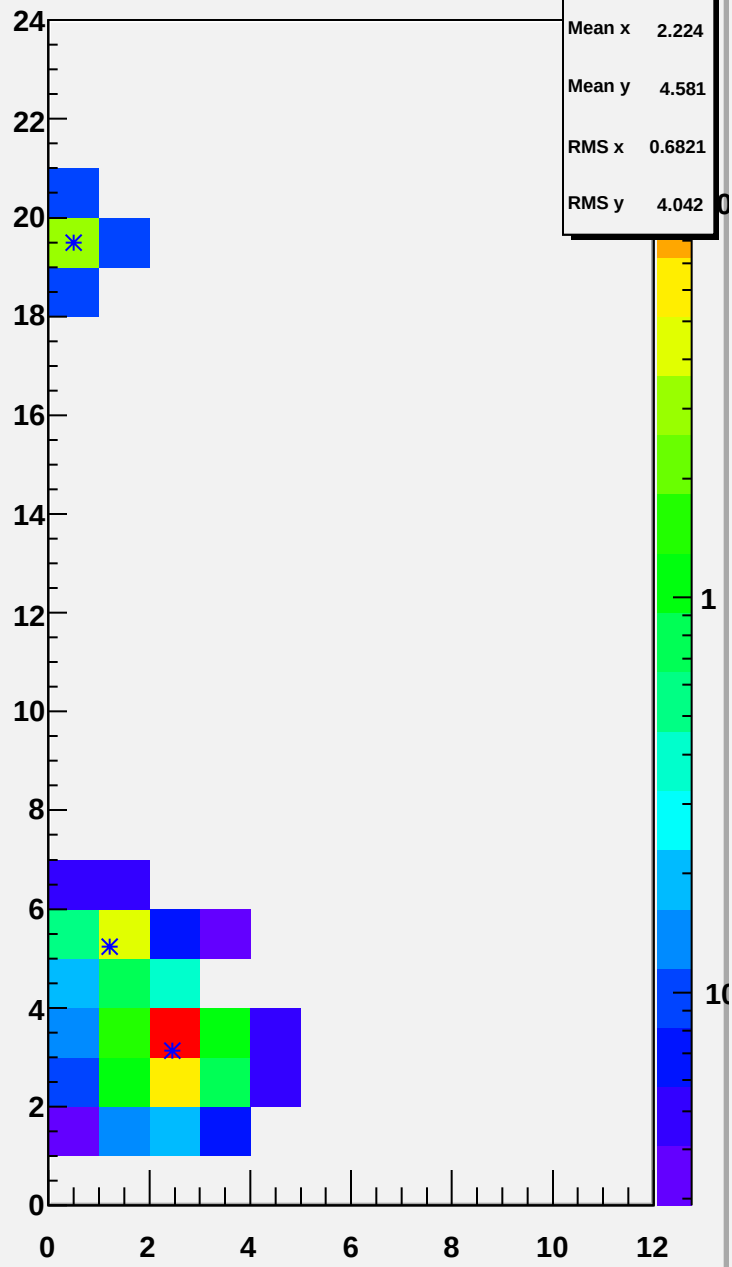
Efit

Entries	288
Mean x	2.417
Mean y	4.695
RMS x	0.6159
RMS y	3.832

NSTB3_r4_c3_En=46.9_m0=0.197 m1=0.197 index=2112



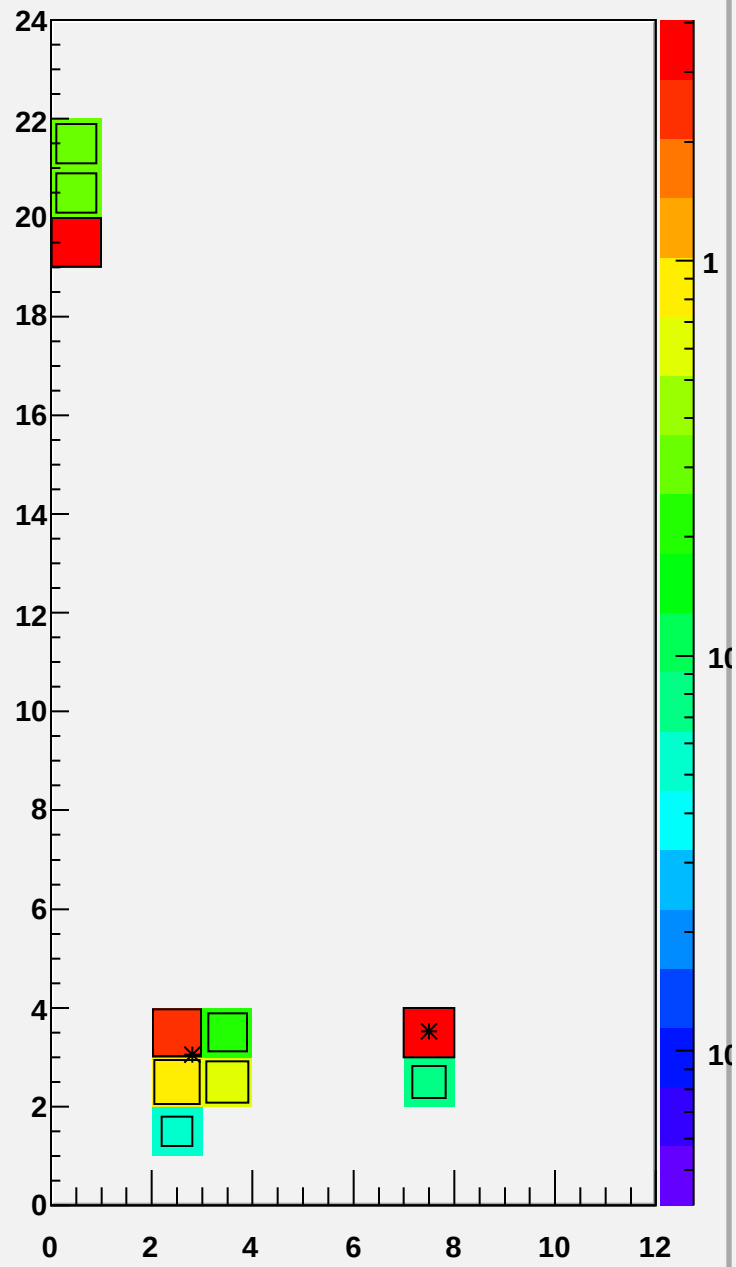
Fitted Energies



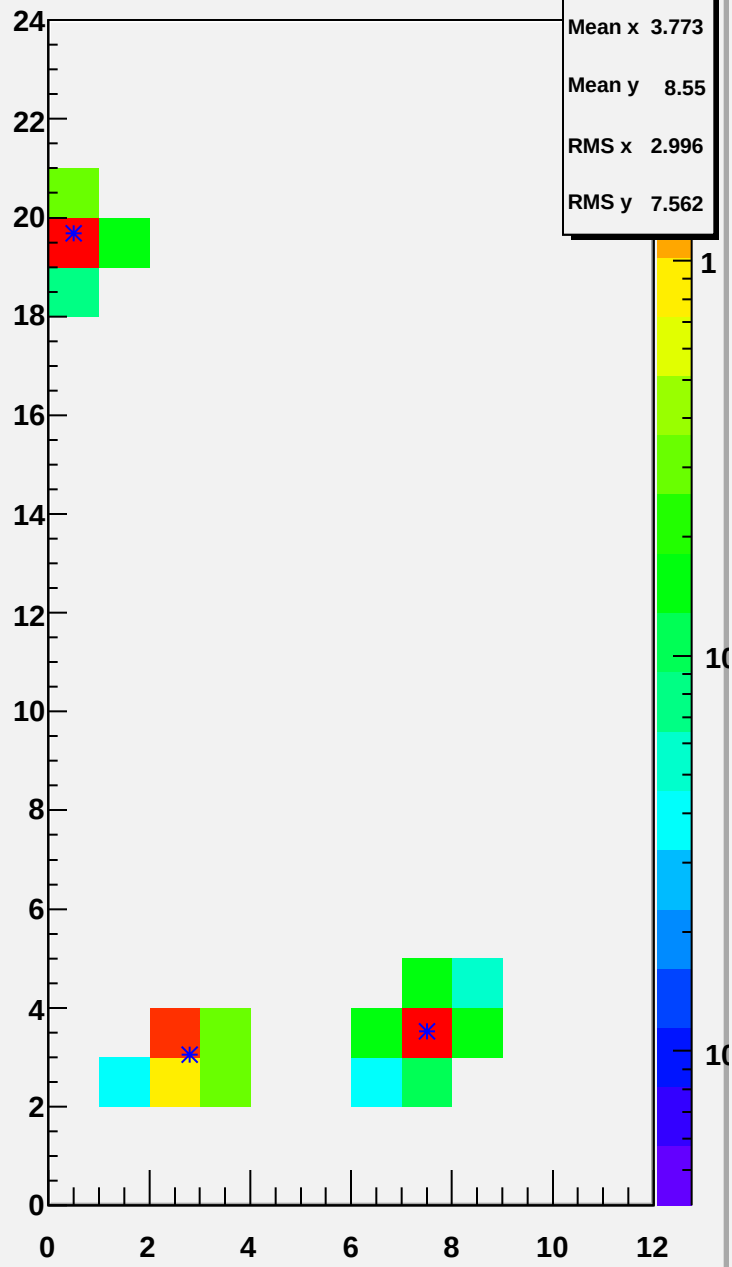
Efit

Entries	288
Mean x	2.224
Mean y	4.581
RMS x	0.6821
RMS y	4.042

NSTB3_r4_c3_En=11.9_m0=0.110 m1=0.110 index=2113



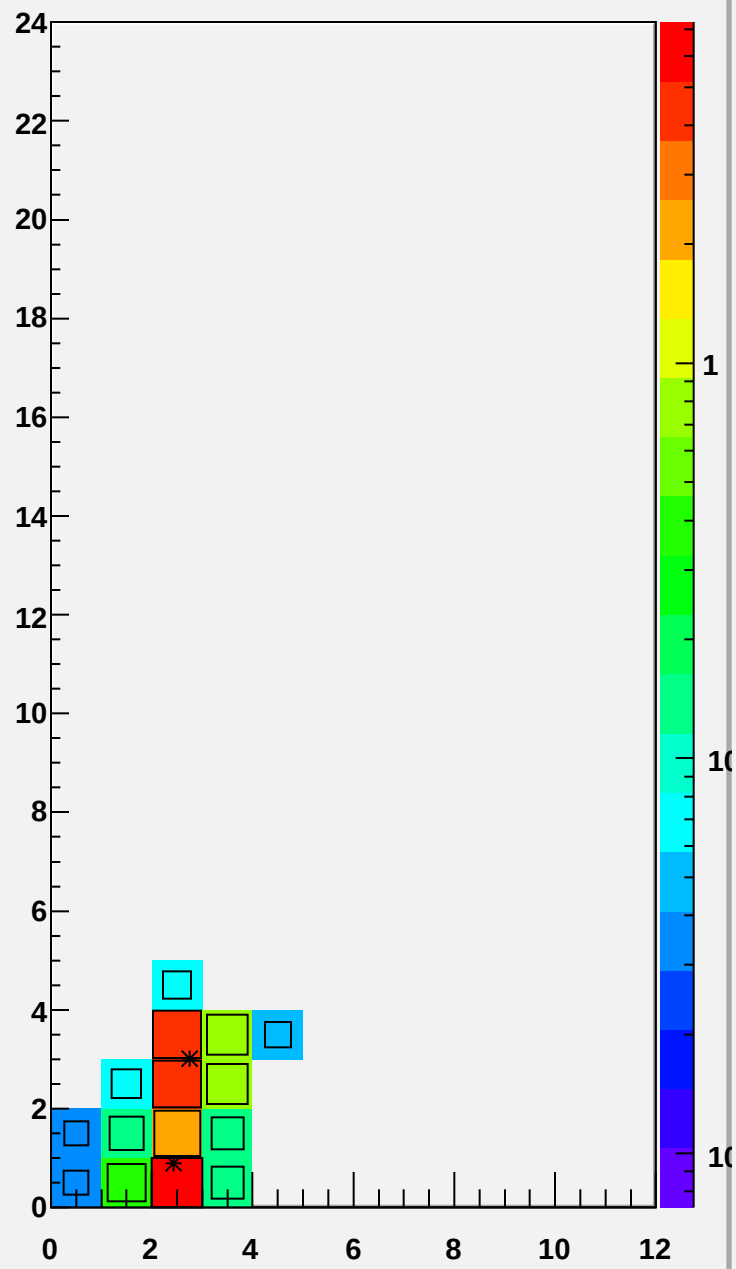
Fitted Energies



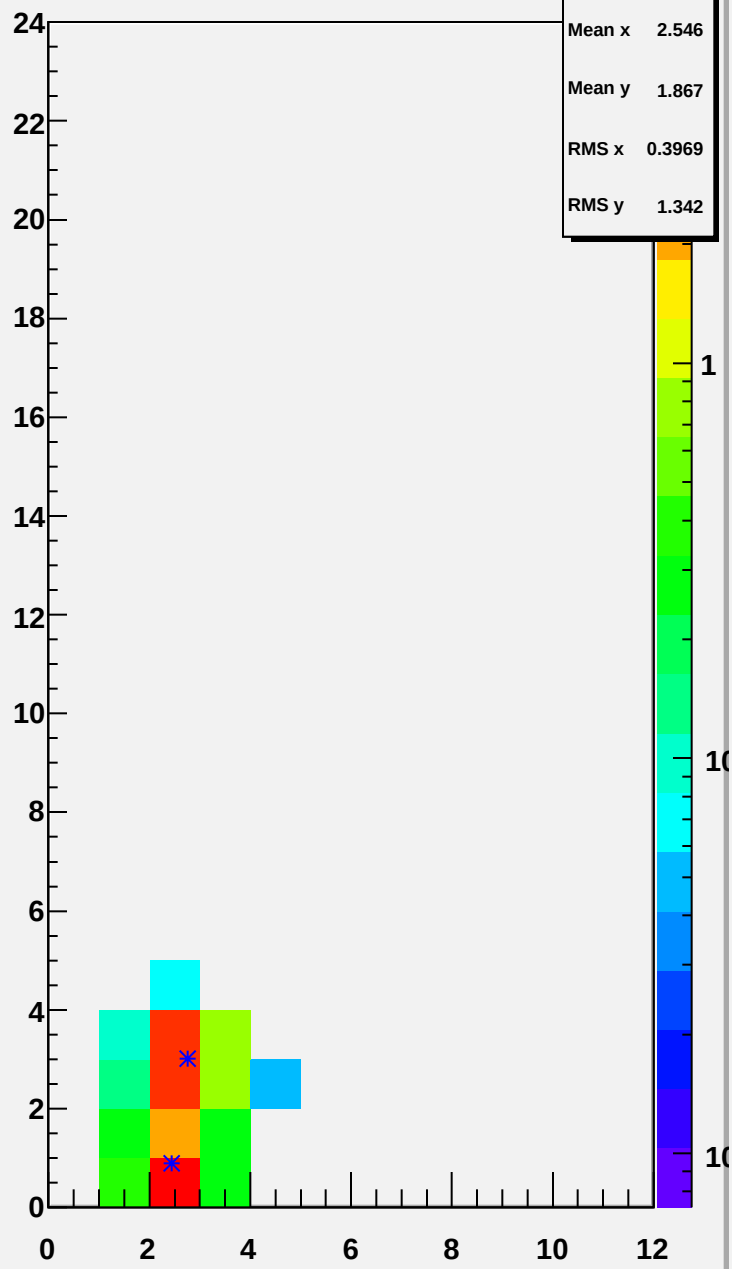
Efit

Entries 288
Mean x 3.773
Mean y 8.55
RMS x 2.996
RMS y 7.562

NSTB3_r4_c3_En=20.1_m0=0.126 m1=0.126 index=2114



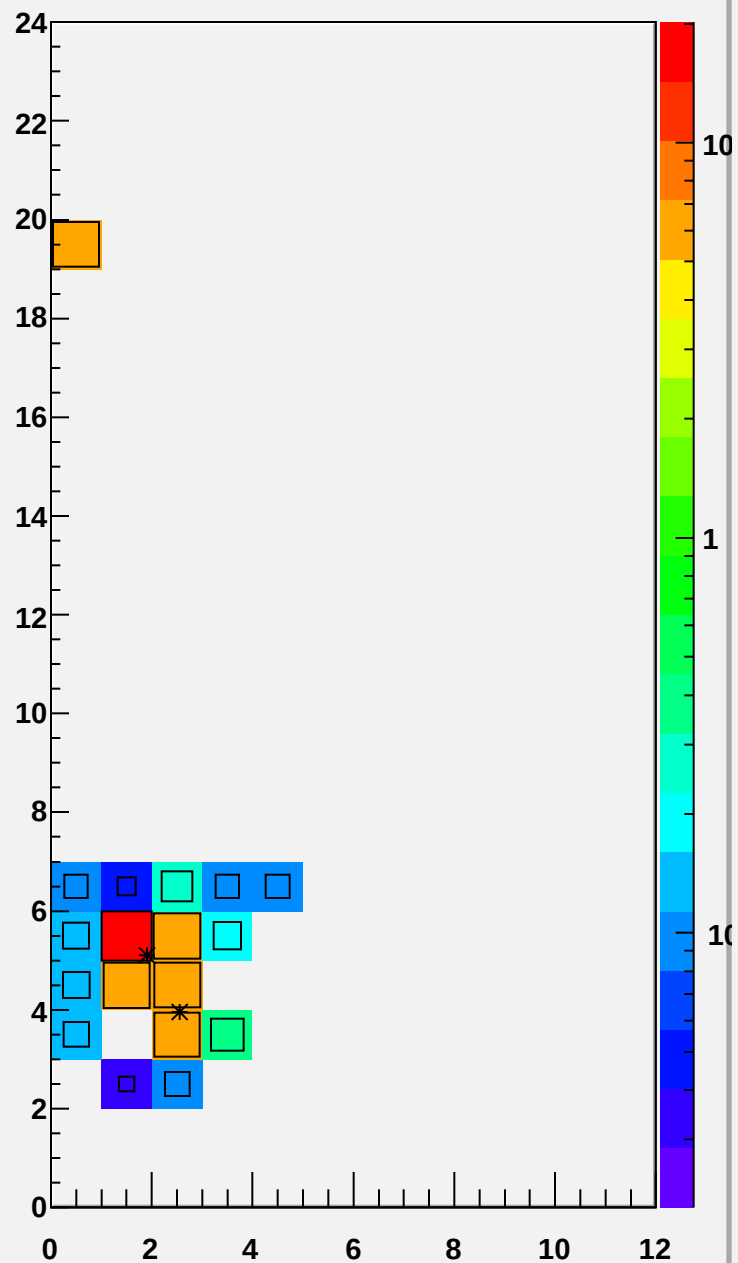
Fitted Energies



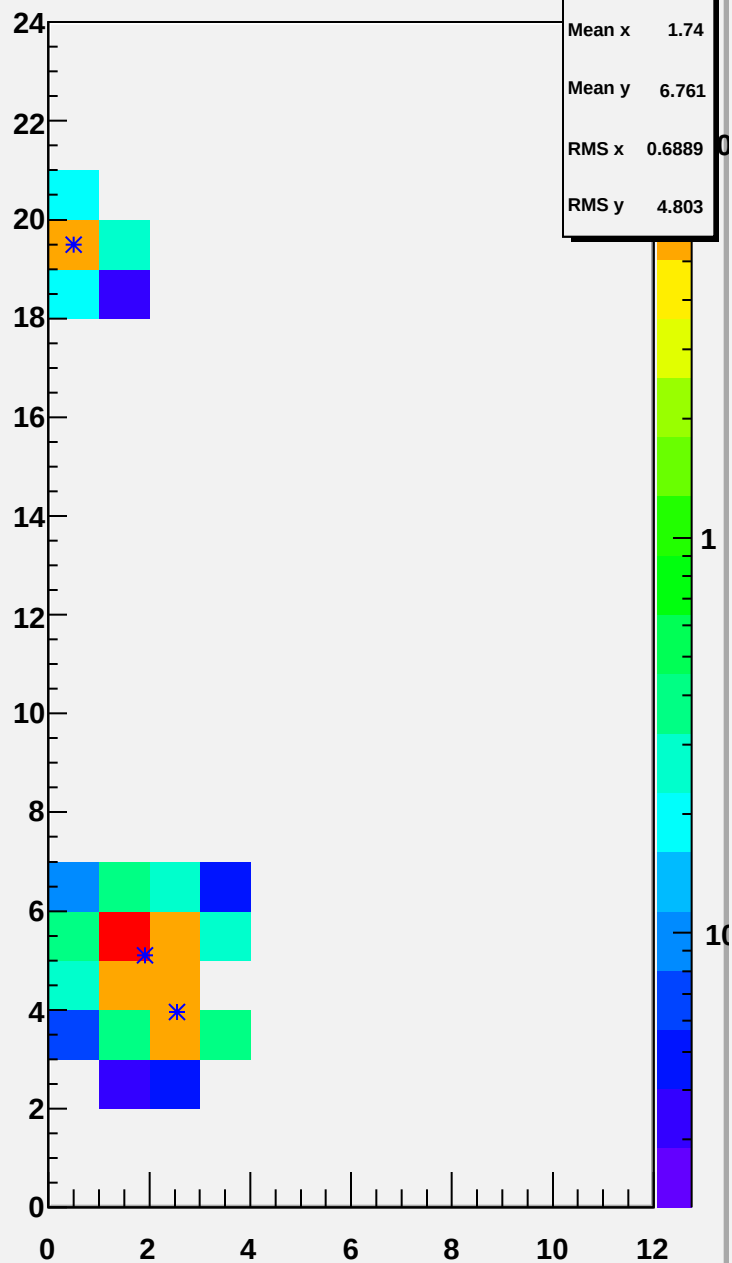
Efit

Entries	288
Mean x	2.546
Mean y	1.867
RMS x	0.3969
RMS y	1.342

NSTB3_r4_c3_En=53.2_m0=0.136 m1=0.135 index=2115



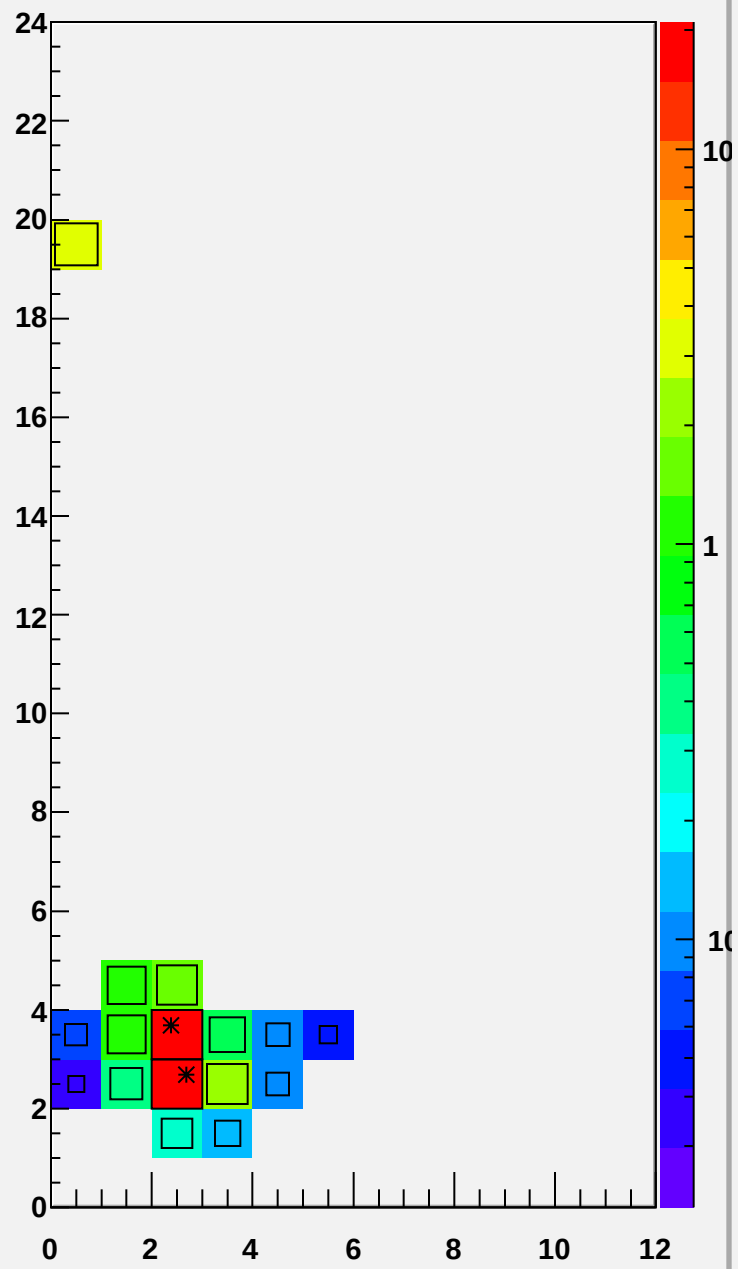
Fitted Energies



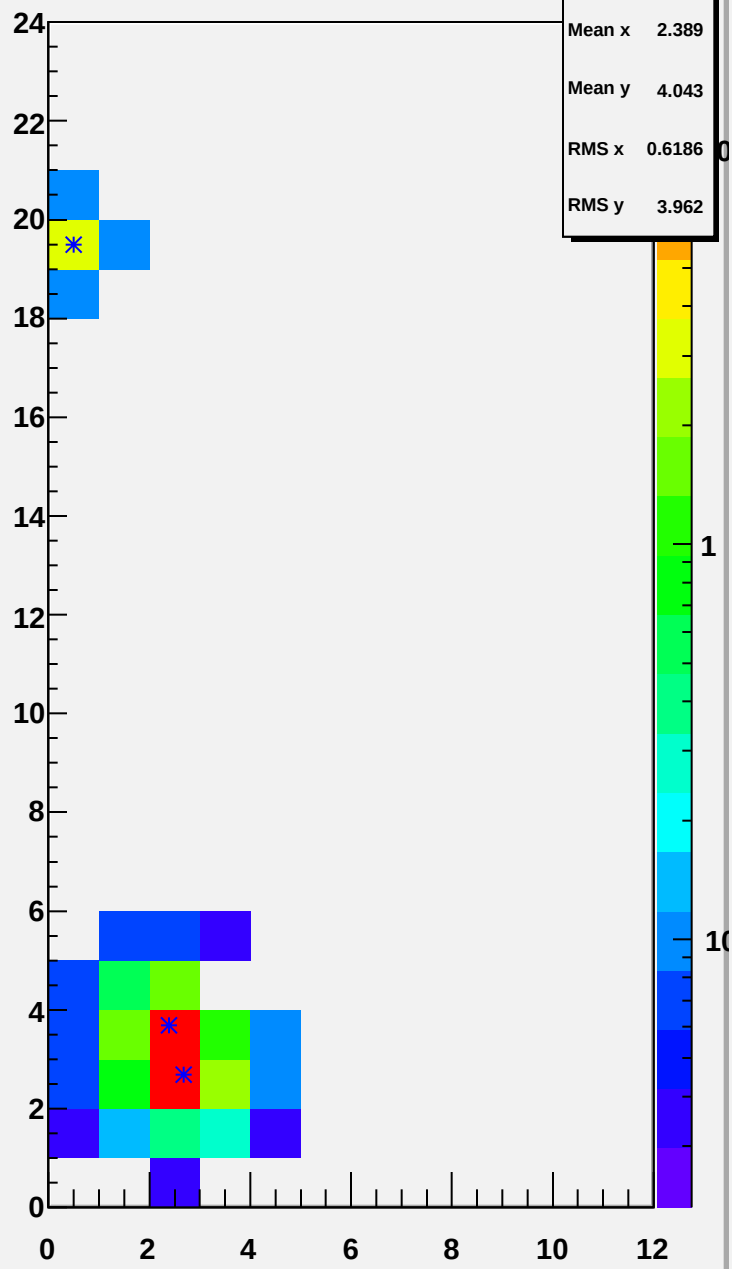
Efit

Entries	288
Mean x	1.74
Mean y	6.761
RMS x	0.6889
RMS y	4.803

NSTB3_r4_c3_En=52.6_m0=0.142 m1=0.142 index=2116



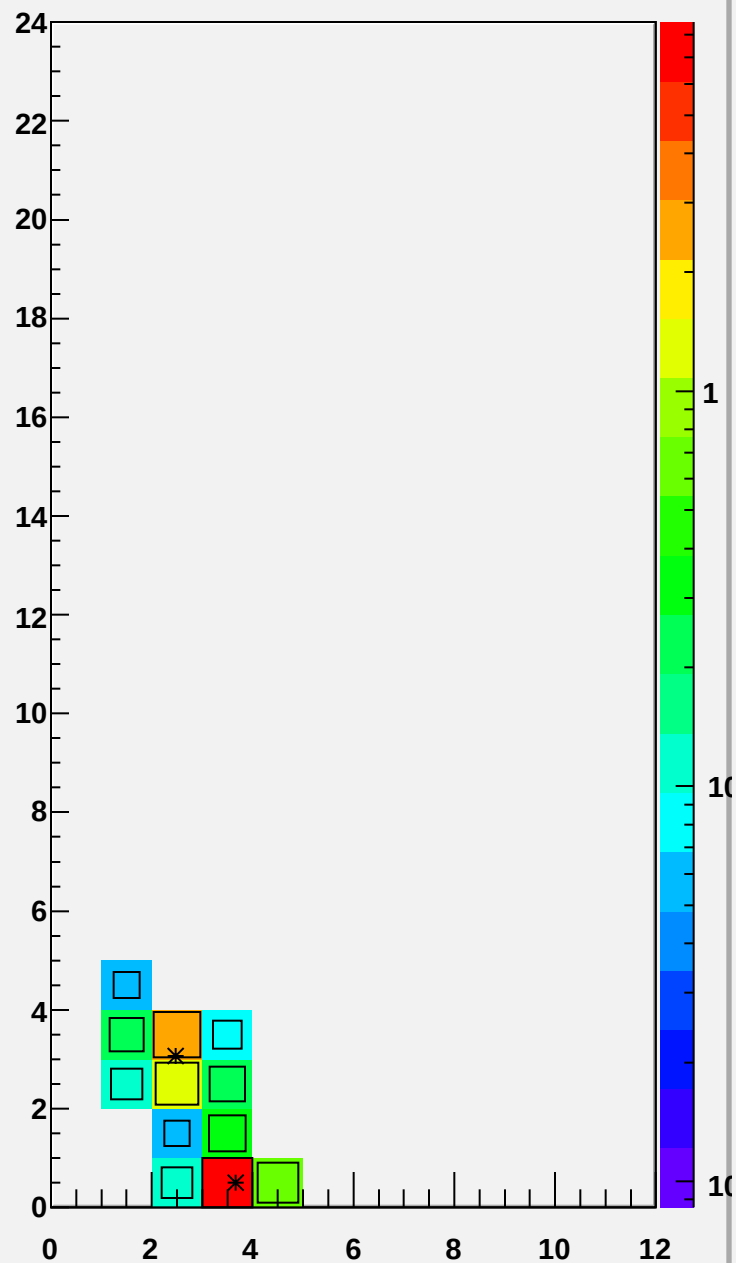
Fitted Energies



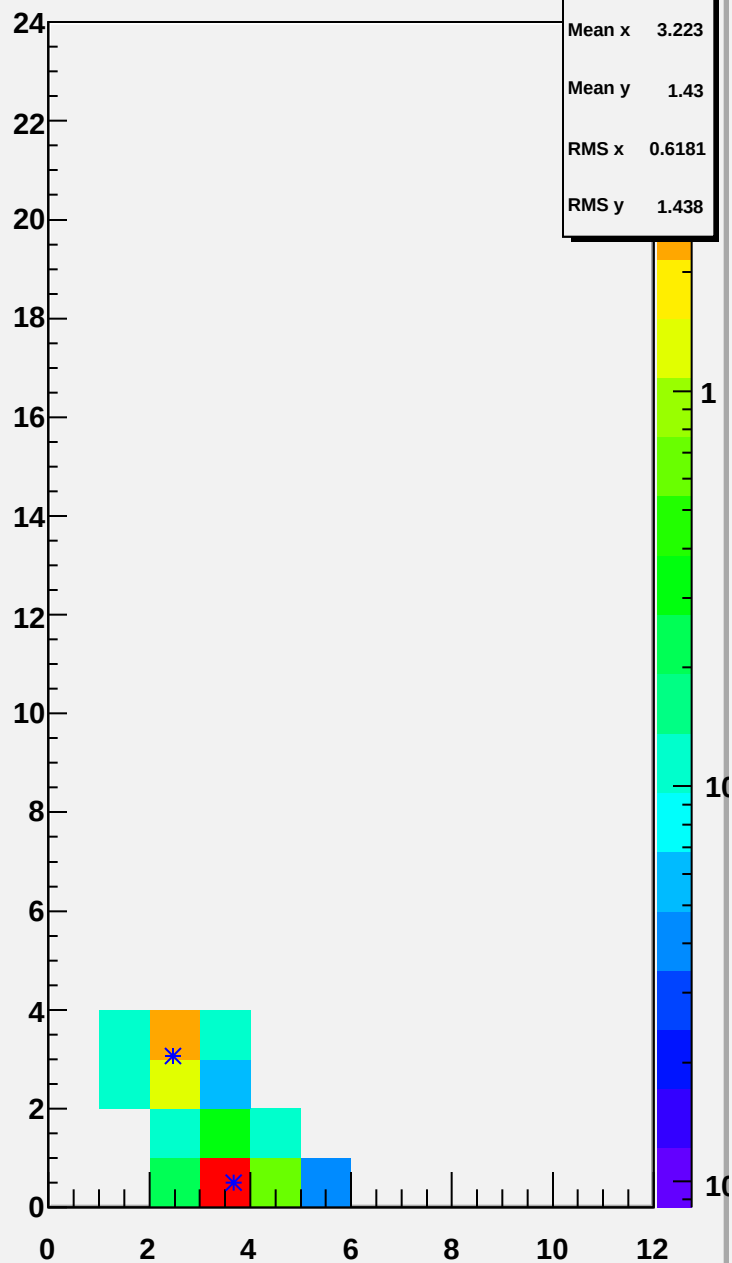
Efit

Entries	288
Mean x	2.389
Mean y	4.043
RMS x	0.6186
RMS y	3.962

NSTB3_r4_c3_En=14.9_m0=0.115_m1=0.115_index=2117



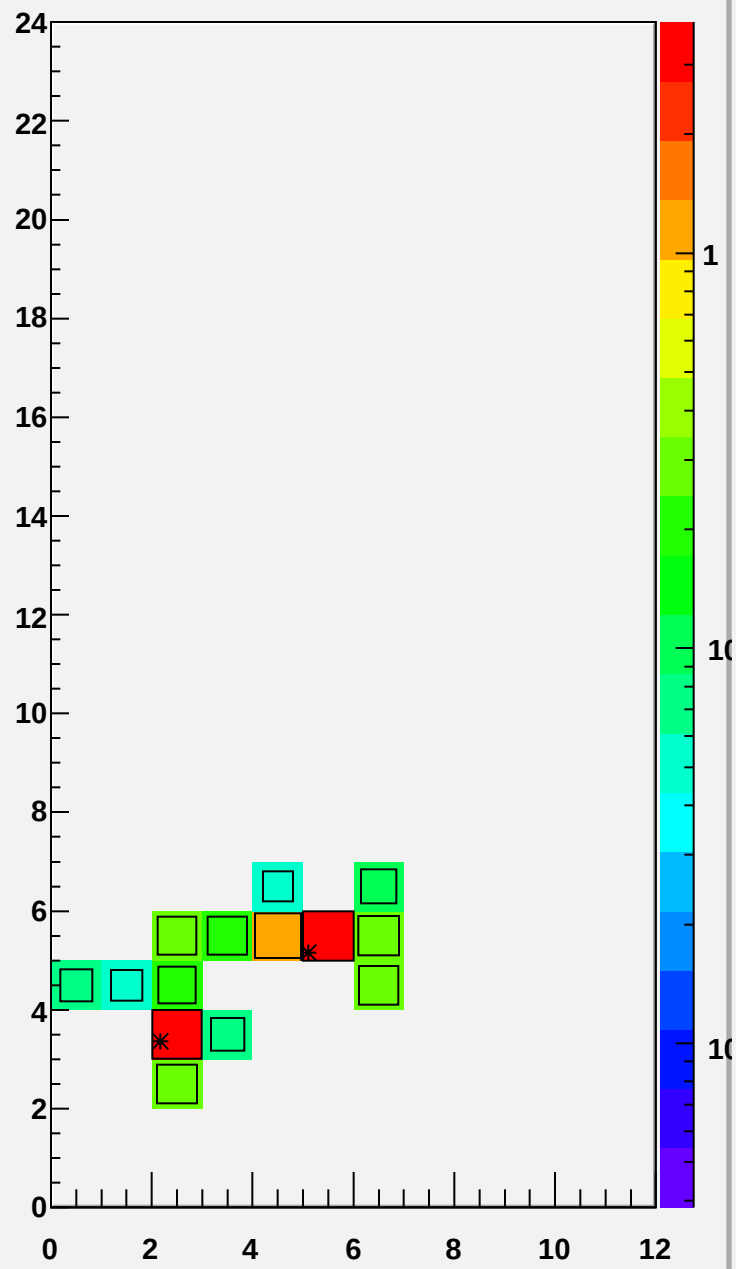
Fitted Energies



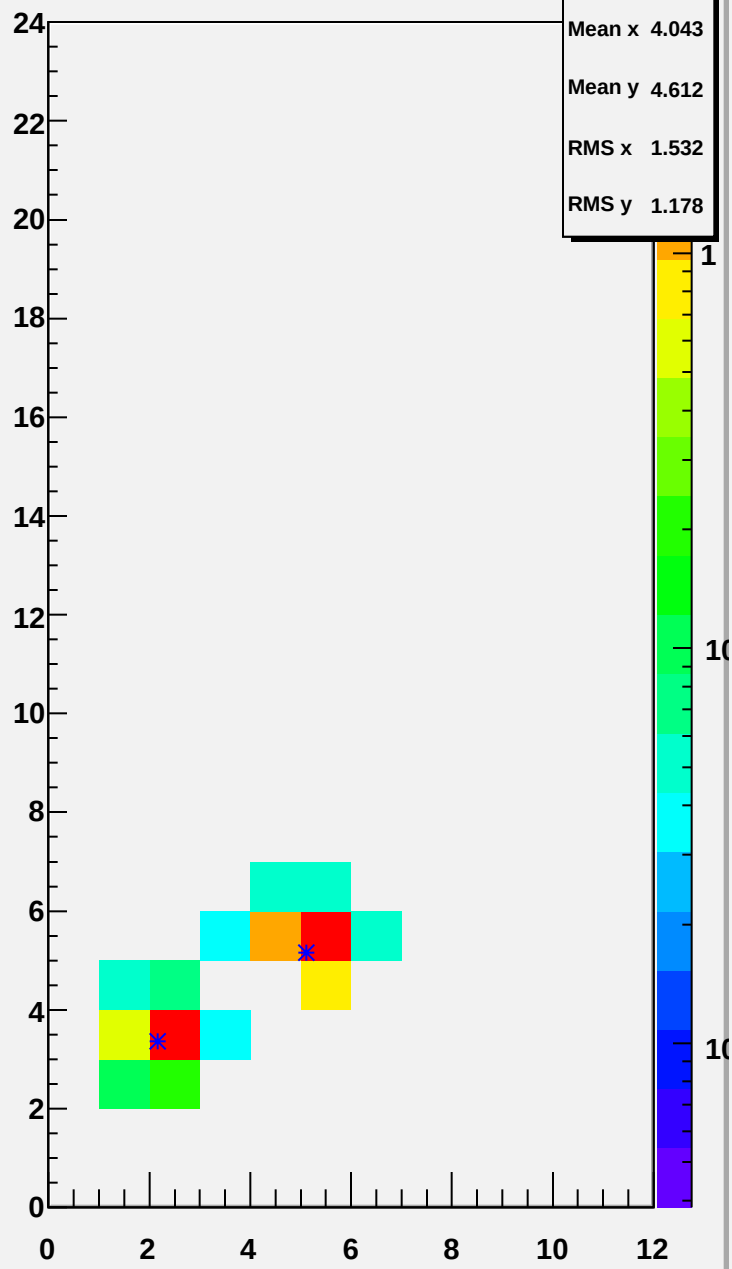
Efit

Entries	288
Mean x	3.223
Mean y	1.43
RMS x	0.6181
RMS y	1.438

NSTB3_r4_c3_En=10.2_m0=0.104 m1=0.104 index=2118



Fitted Energies



Efit

Entries 288

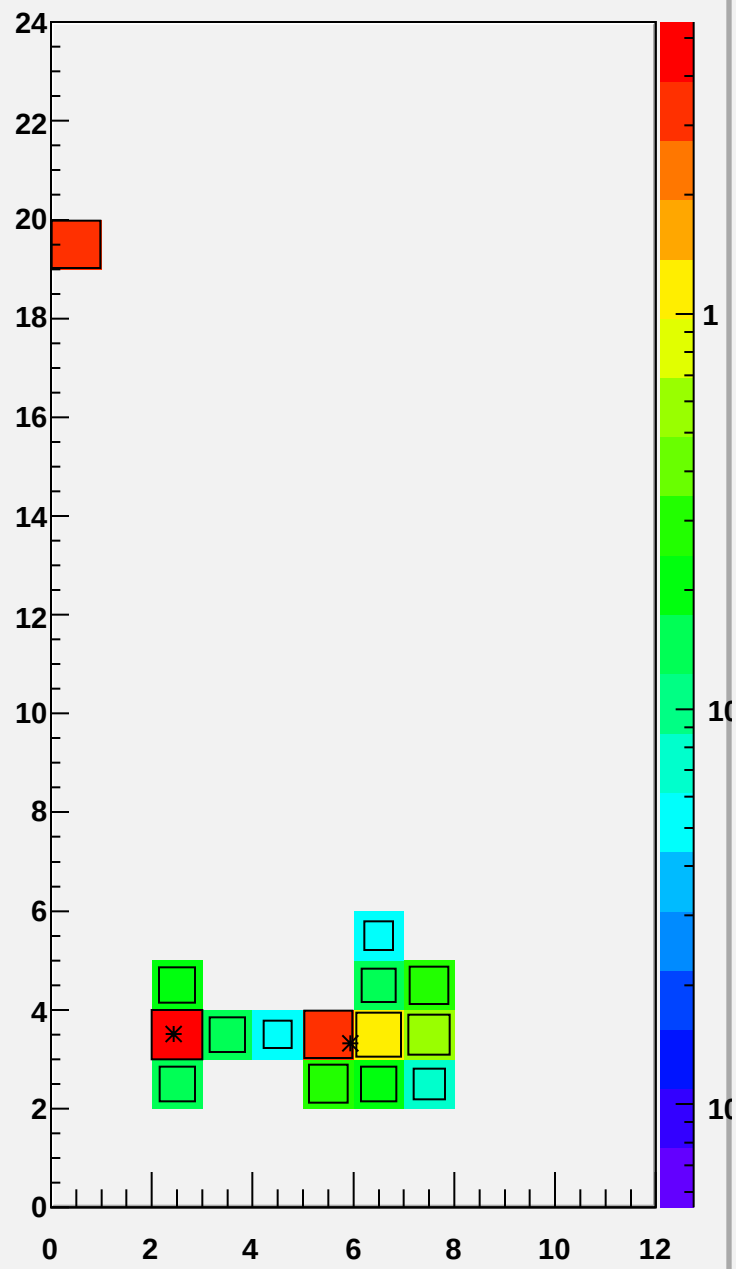
Mean x 4.043

Mean y 4.612

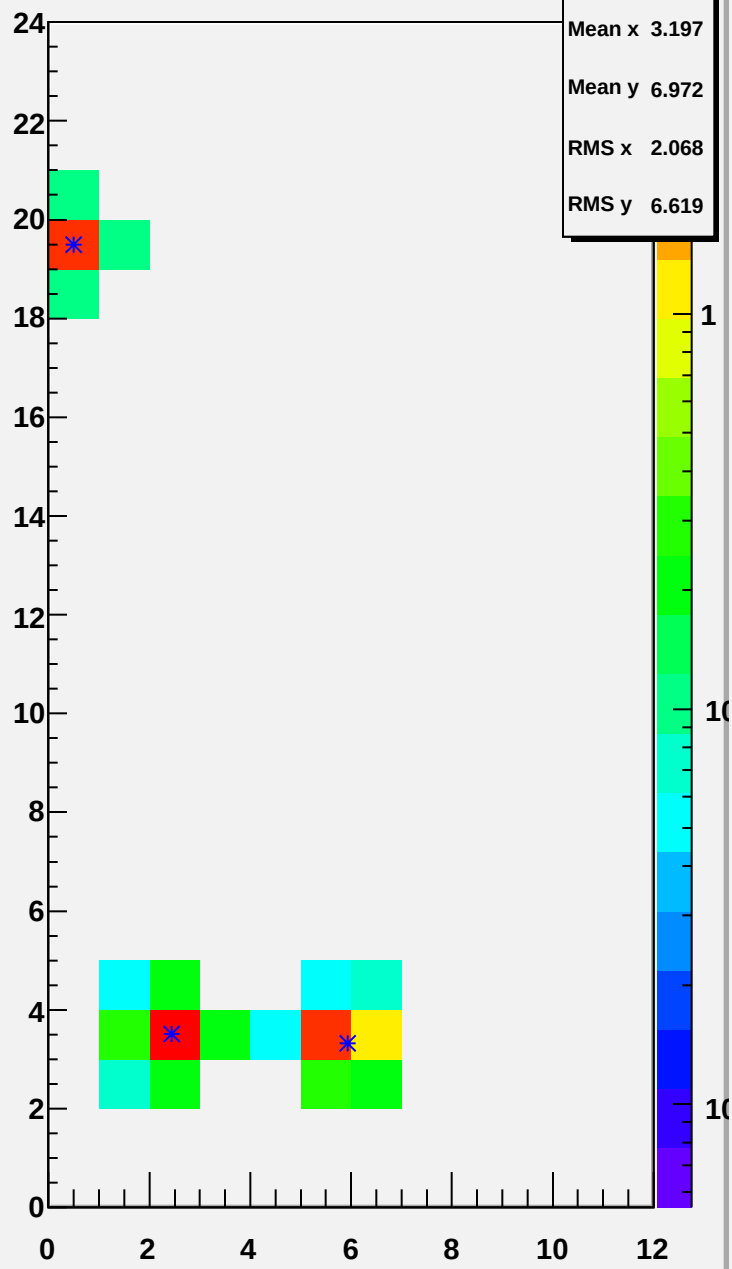
RMS x 1.532

RMS y 1.178

NSTB3_r4_c3_En=15.3_m0=0.112 m1=0.112 index=2120



Fitted Energies



Efit

Entries 288

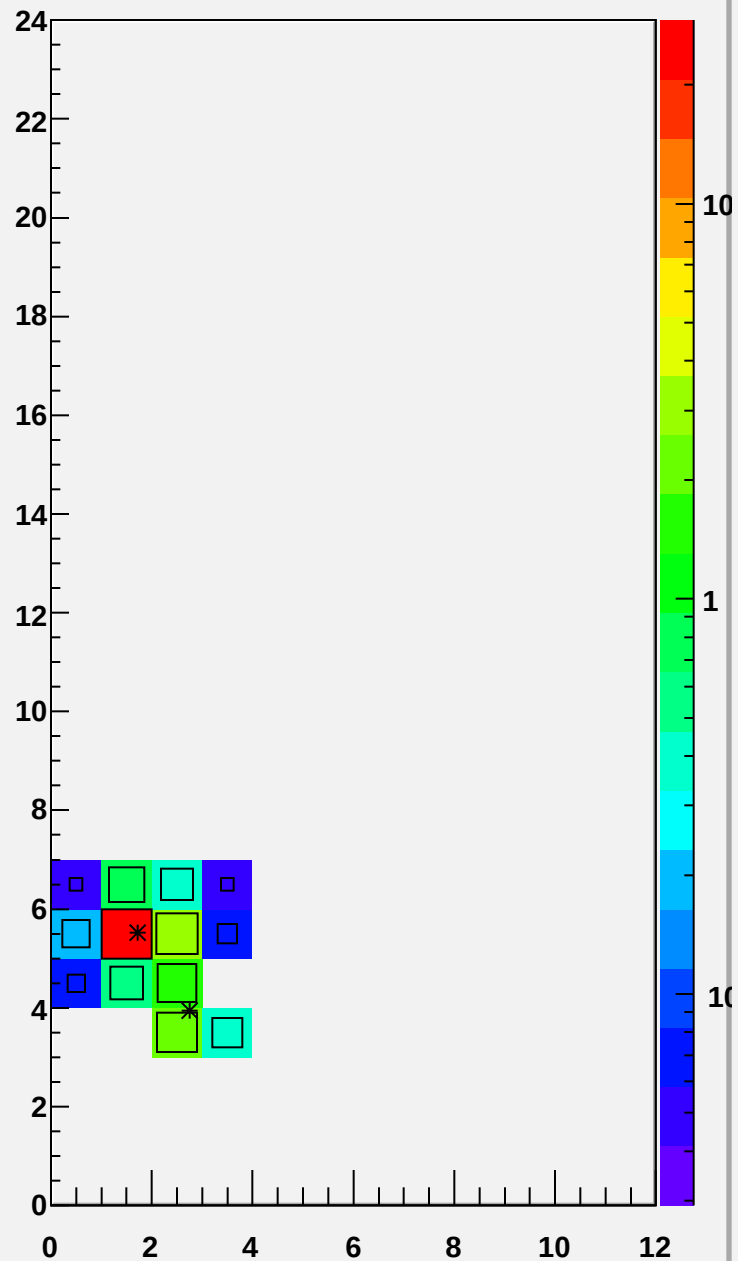
Mean x 3.197

Mean y 6.972

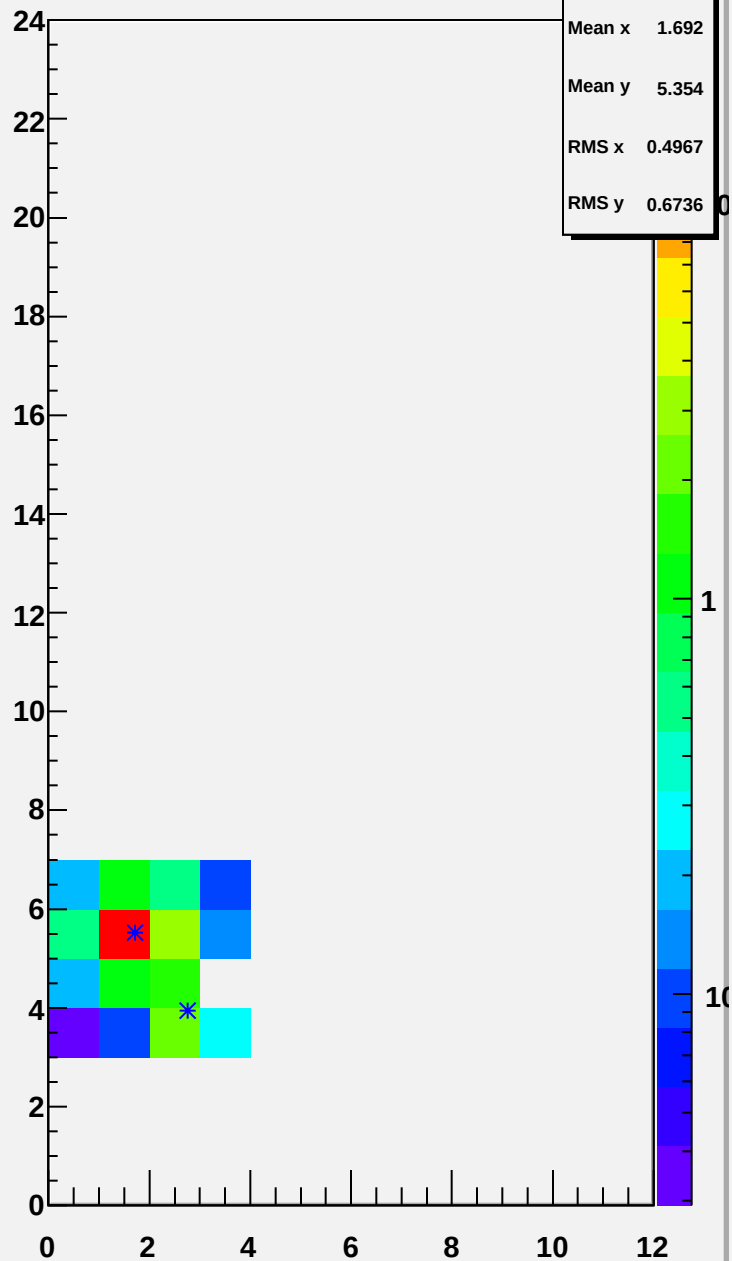
RMS x 2.068

RMS y 6.619

NSTB3_r4_c3_En=39.0_m0=0.129 m1=0.130 index=2122



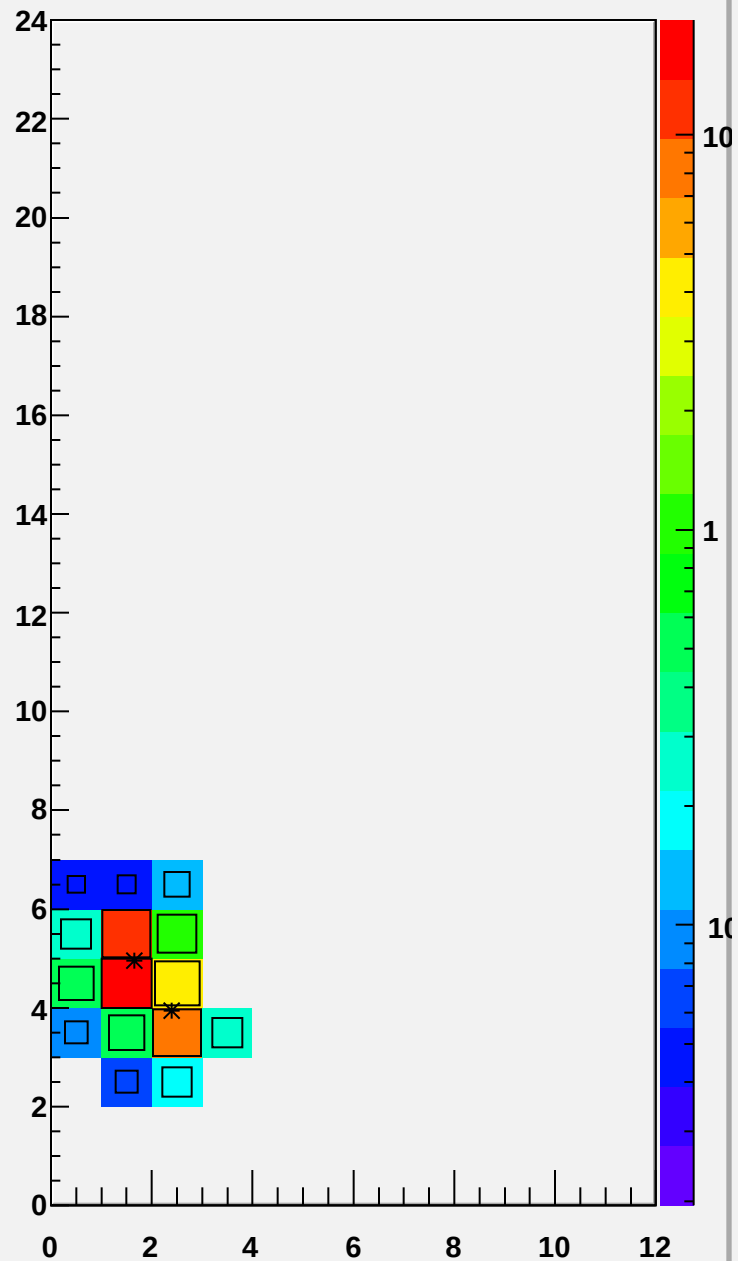
Fitted Energies



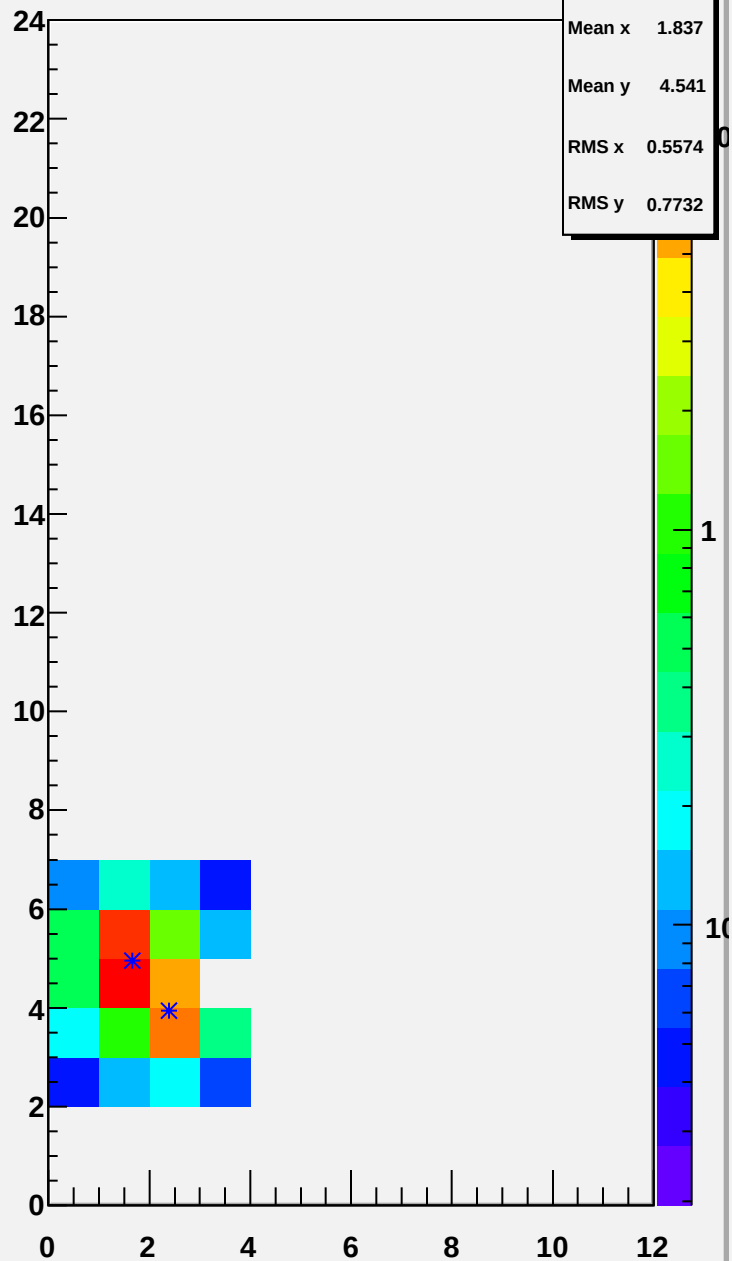
Efit

Entries	288
Mean x	1.692
Mean y	5.354
RMS x	0.4967
RMS y	0.6736

NSTB3_r4_c3_En=46.7_m0=0.164 m1=0.163 index=2123

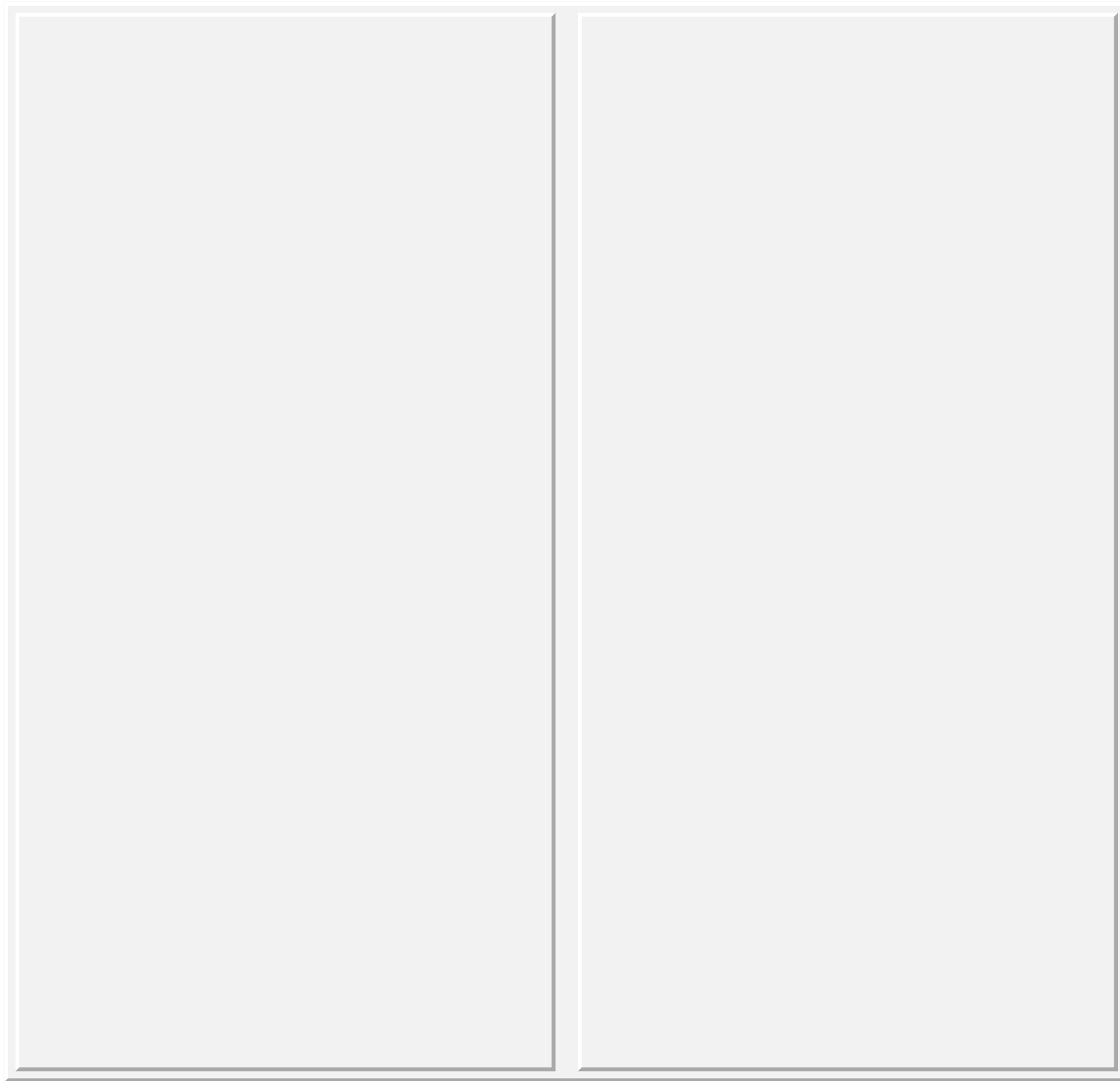


Fitted Energies

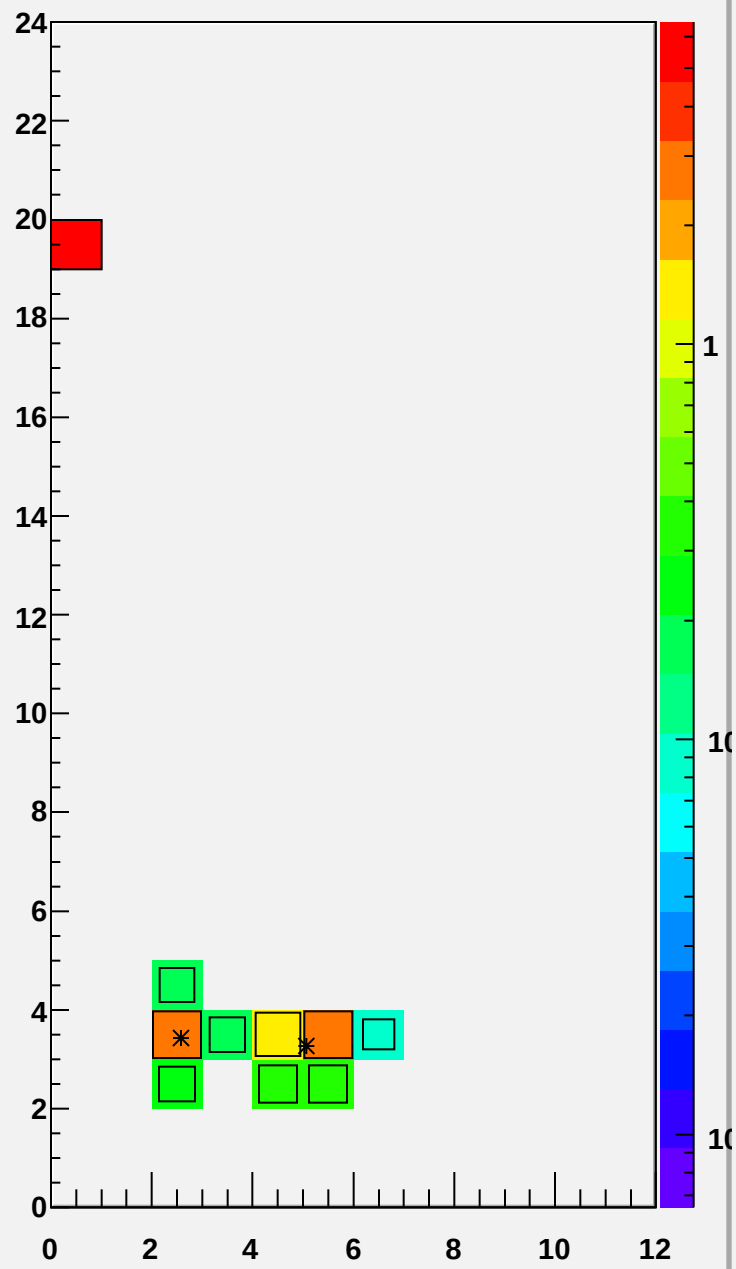


Efit

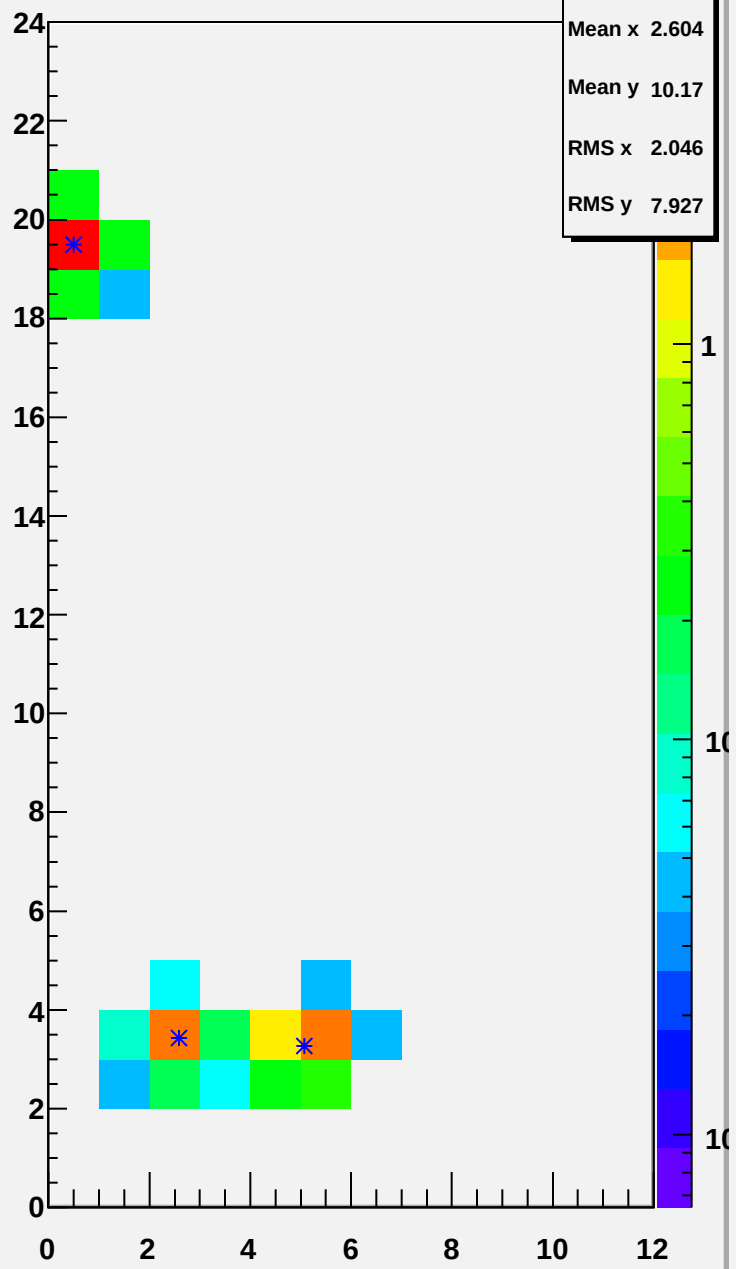
Entries	288
Mean x	1.837
Mean y	4.541
RMS x	0.5574
RMS y	0.7732



NSTB3_r4_c3_En=15.7_m0=0.063 m1=0.063 index=2125



Fitted Energies



Efit

Entries 288

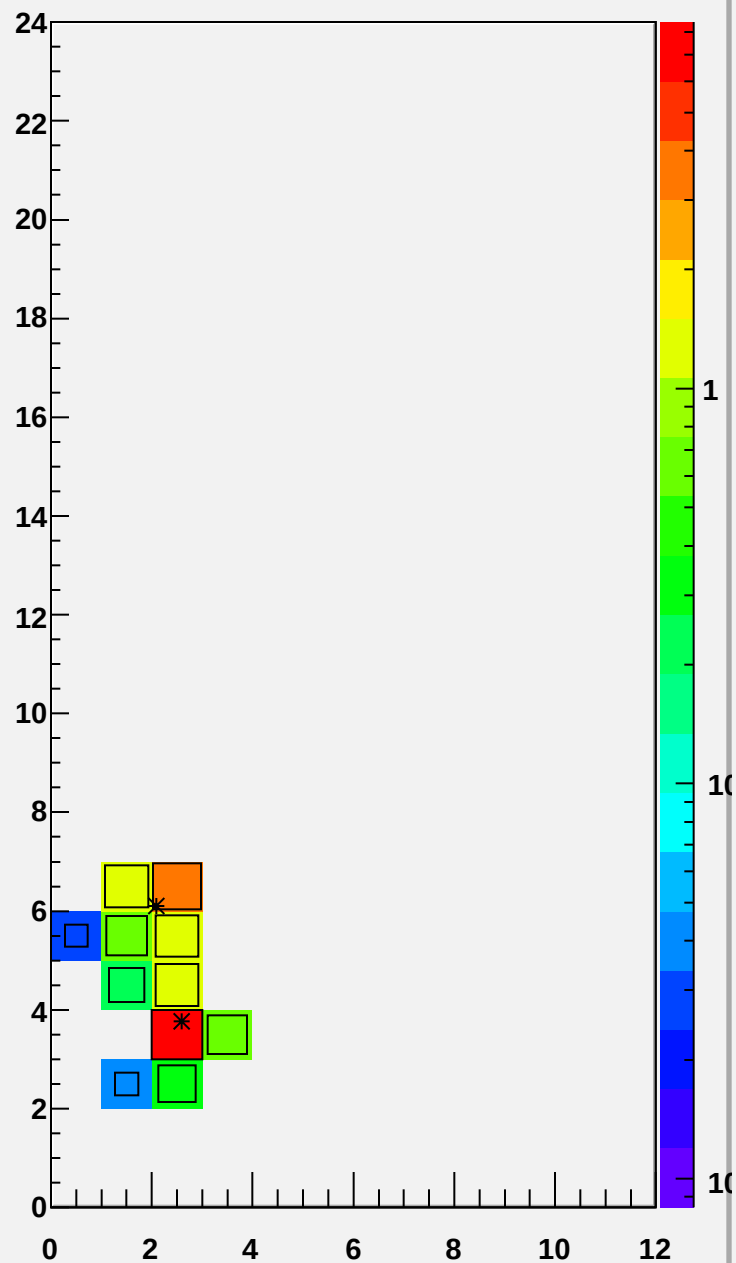
Mean x 2.604

Mean y 10.17

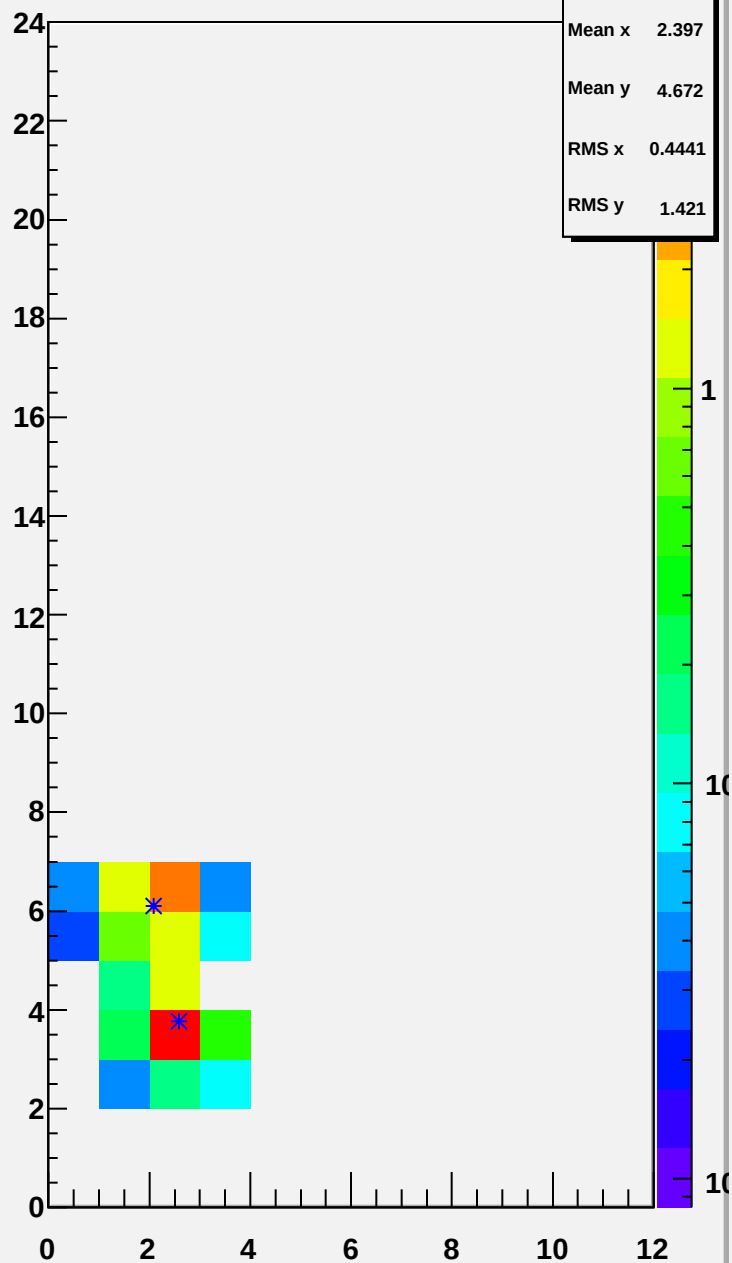
RMS x 2.046

RMS y 7.927

NSTB3_r4_c3_En=17.9_m0=0.120 m1=0.120 index=2126



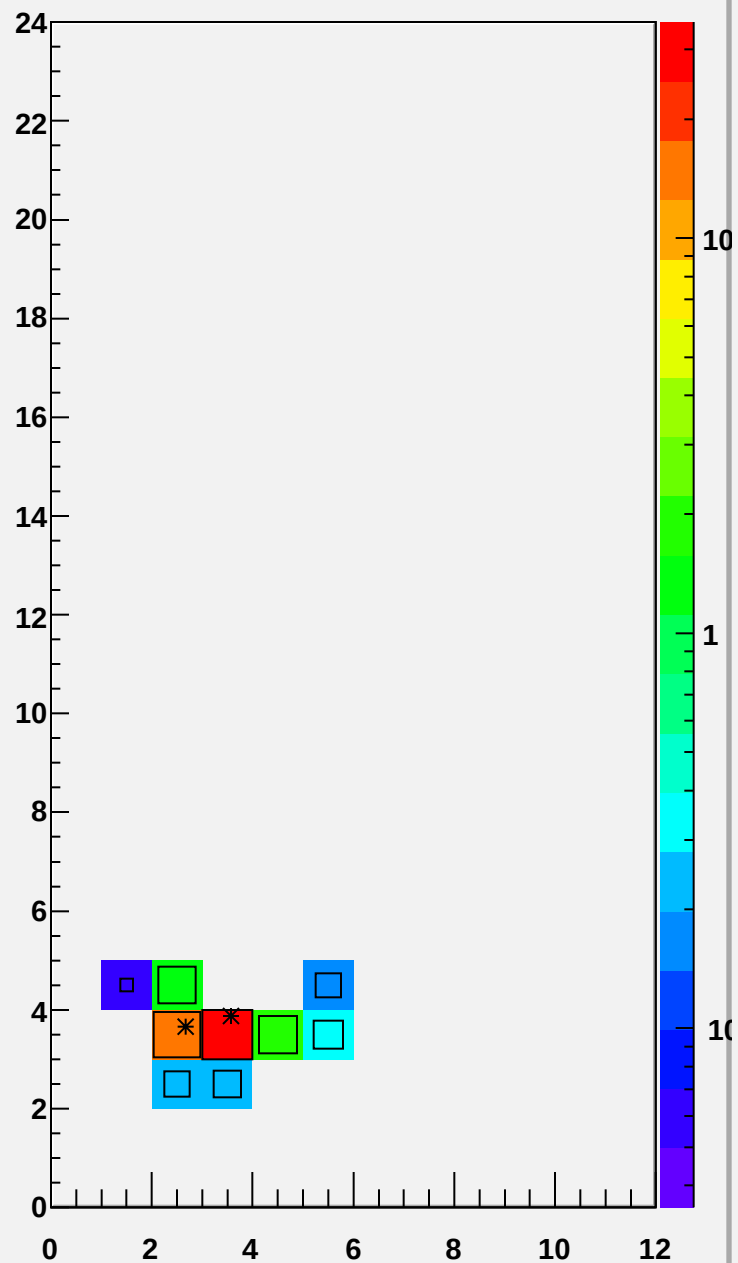
Fitted Energies



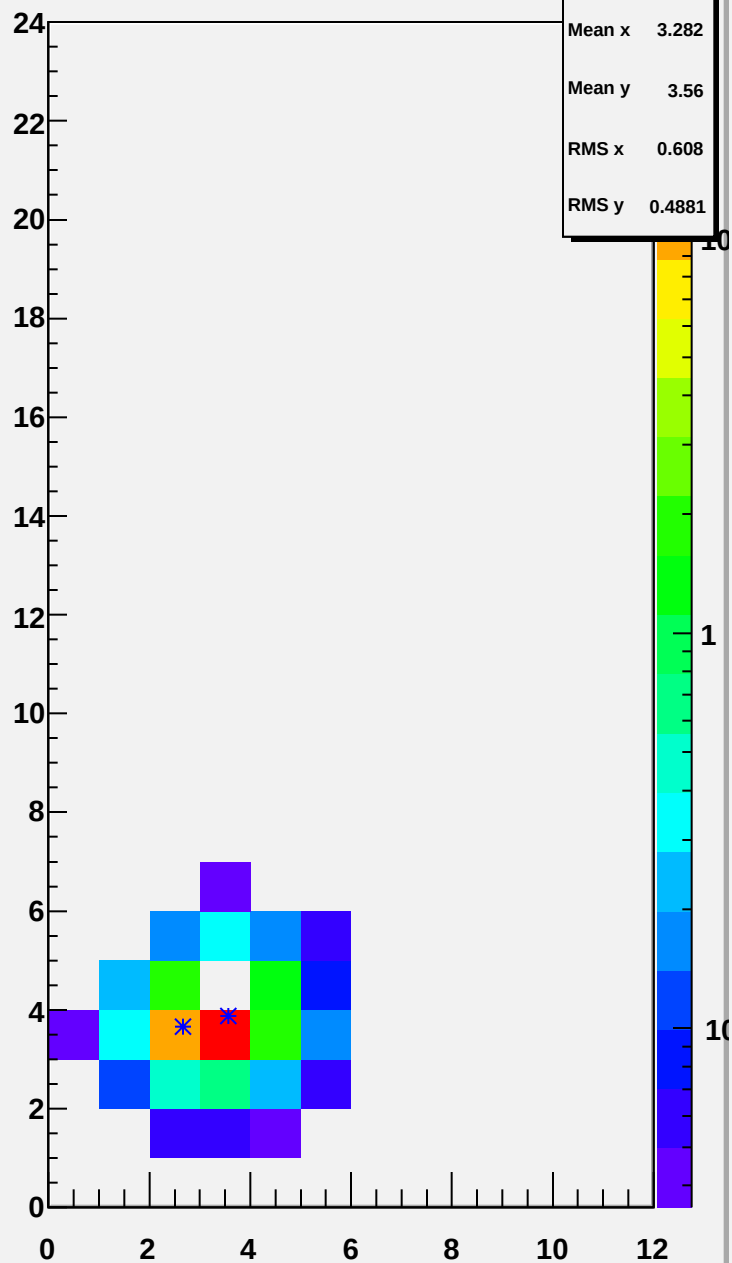
Efit

Entries	288
Mean x	2.397
Mean y	4.672
RMS x	0.4441
RMS y	1.421

NSTB3_r4_c3_En=52.4_m0=0.135 m1=0.135 index=2127



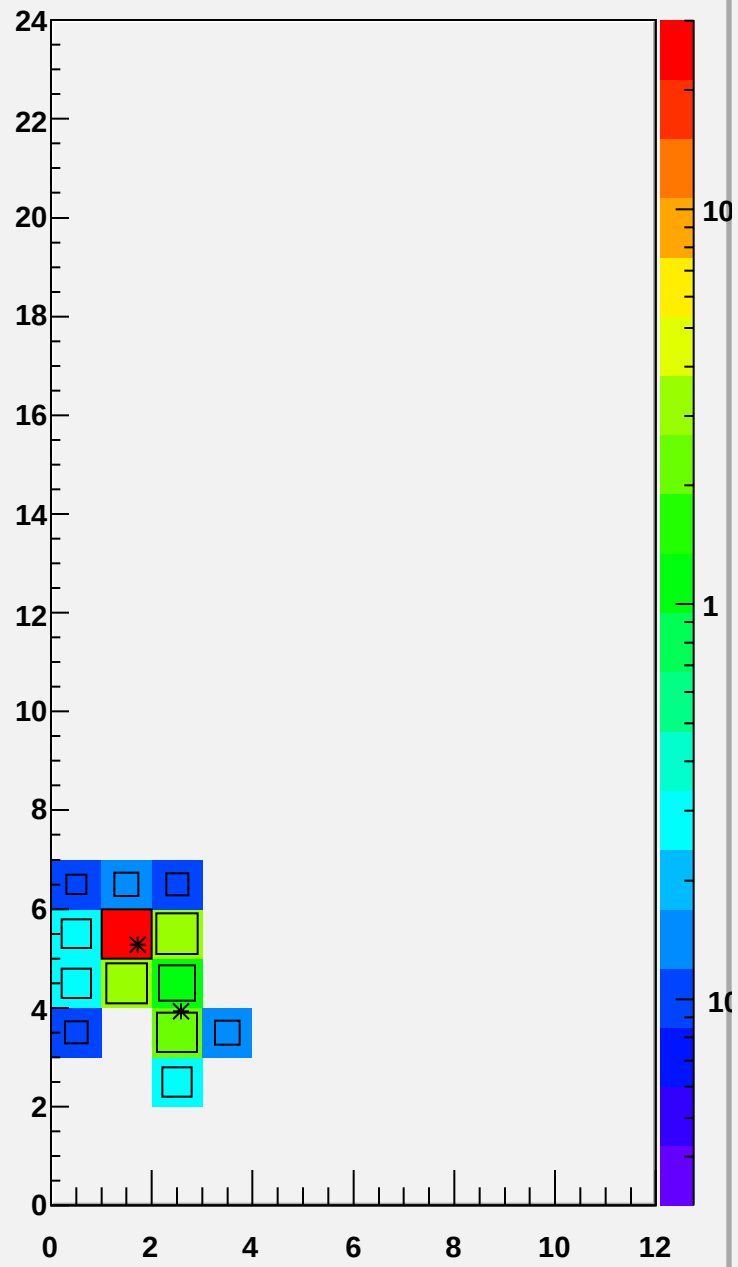
Fitted Energies



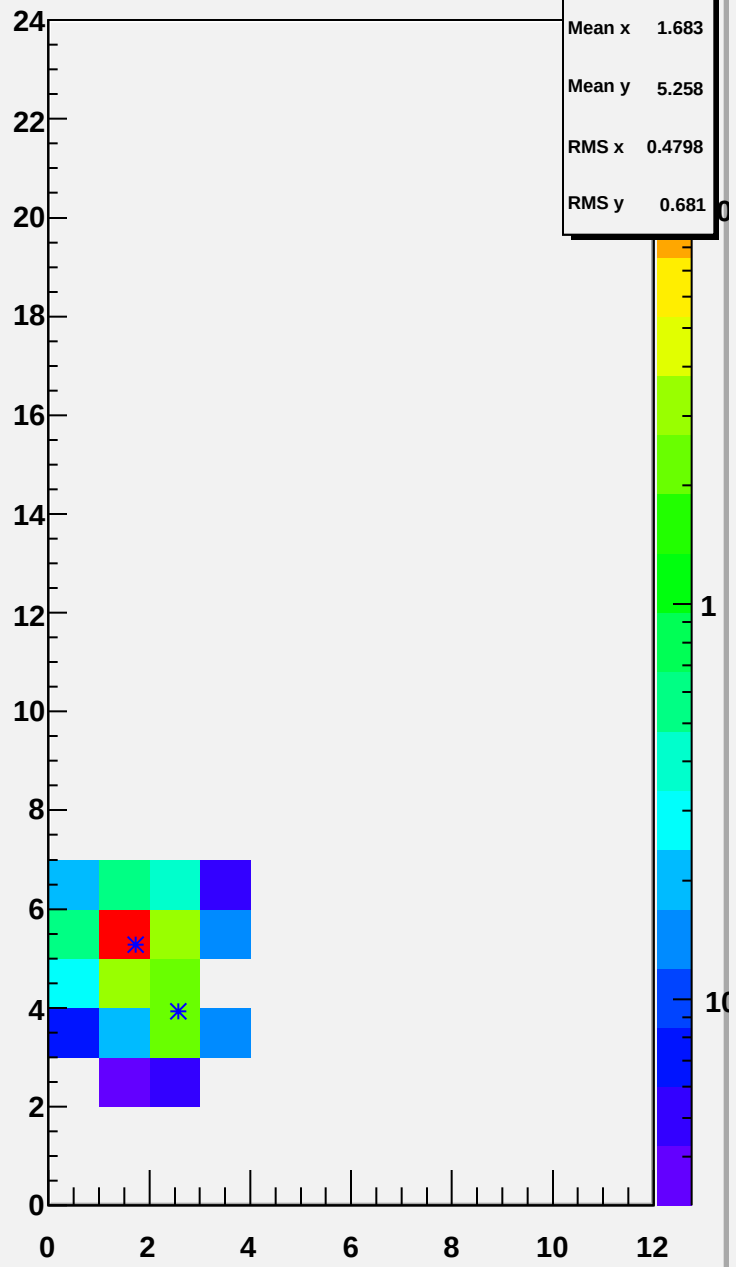
Efit

Entries	288
Mean x	3.282
Mean y	3.56
RMS x	0.608
RMS y	0.4881

NSTB3_r4_c3_En=41.3_m0=0.112 m1=0.113 index=2128



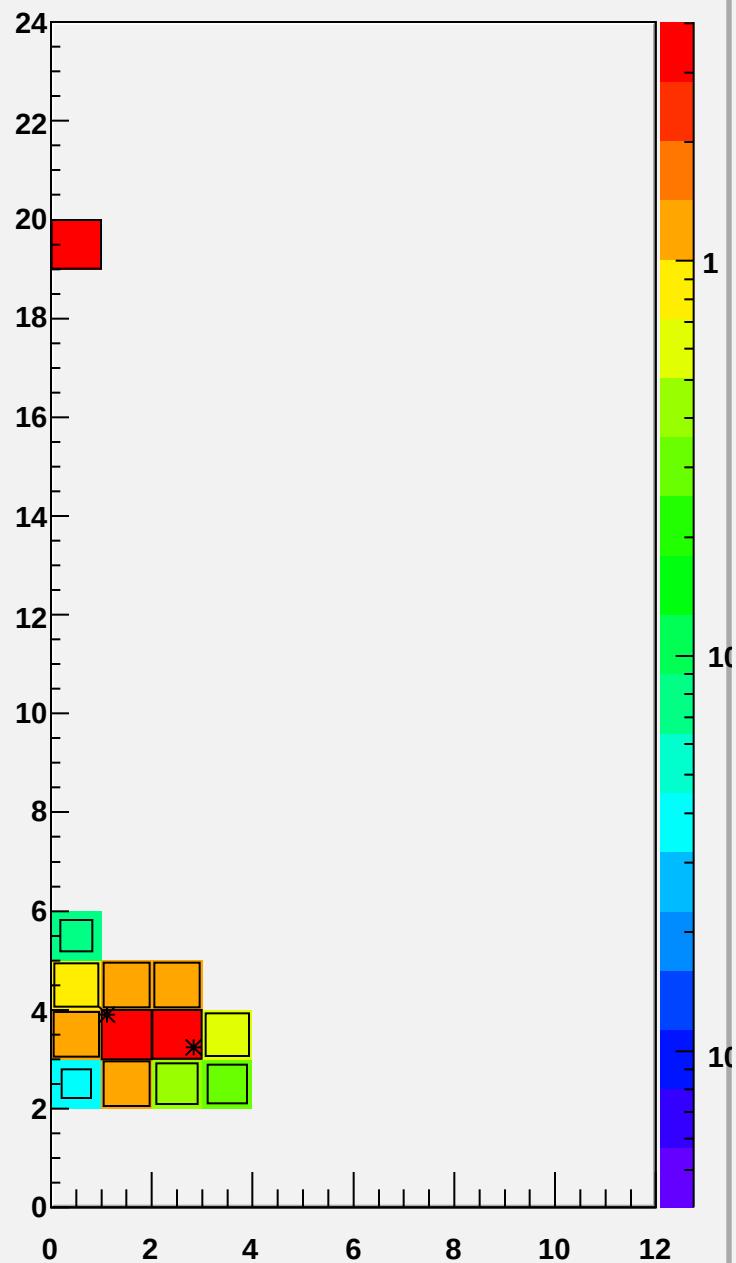
Fitted Energies



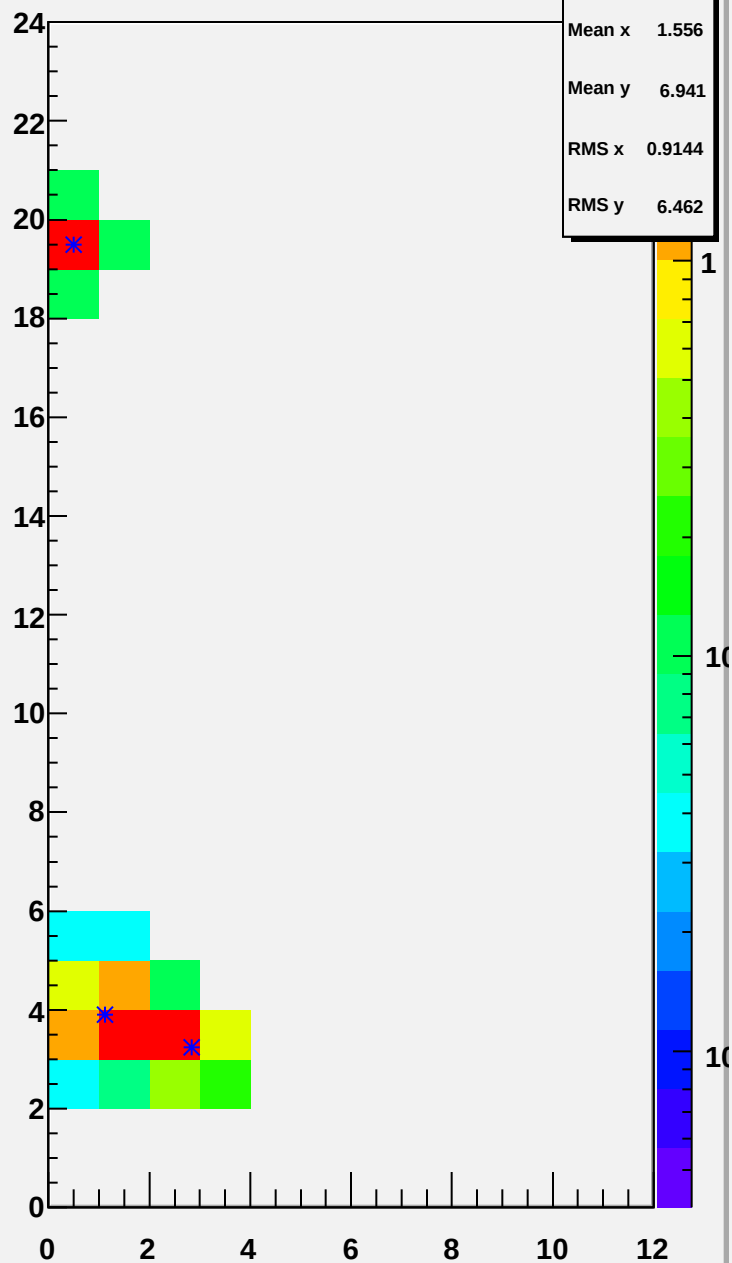
Efit

Entries	288
Mean x	1.683
Mean y	5.258
RMS x	0.4798
RMS y	0.681

NSTB3_r4_c3_En=17.6_m0=0.061 m1=0.061 index=2131



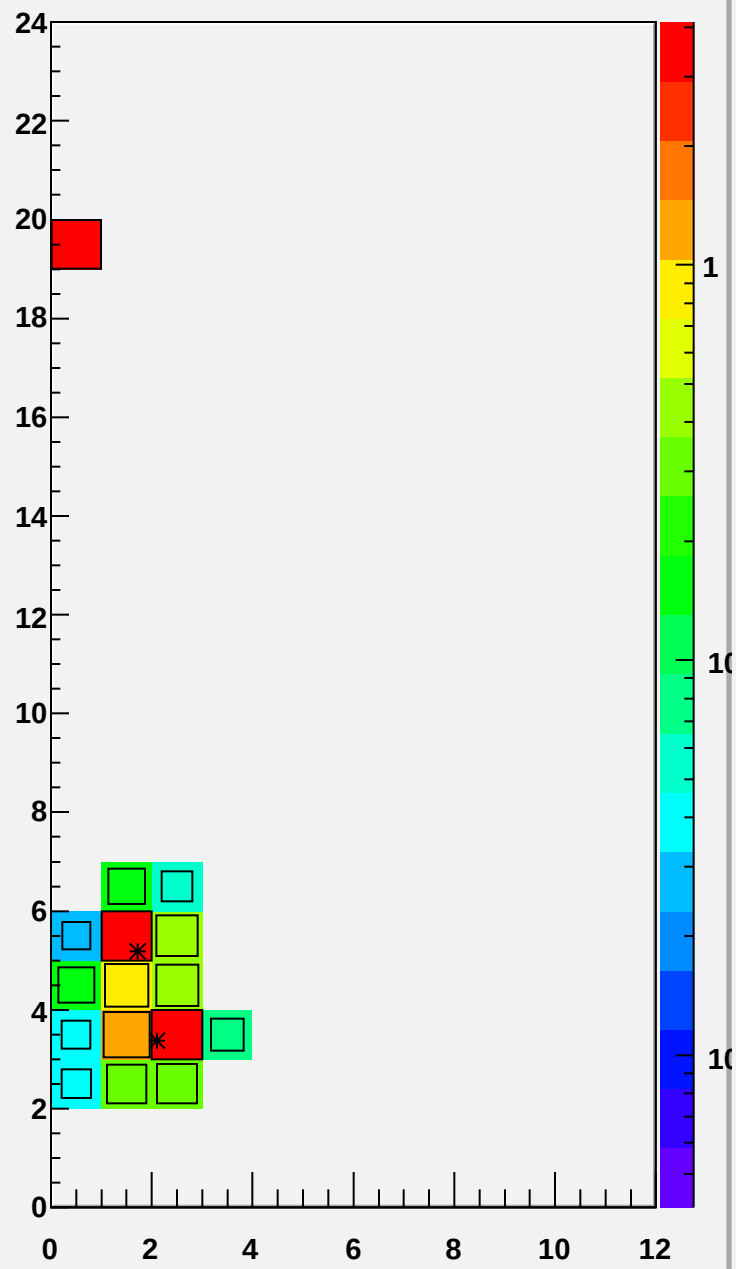
Fitted Energies



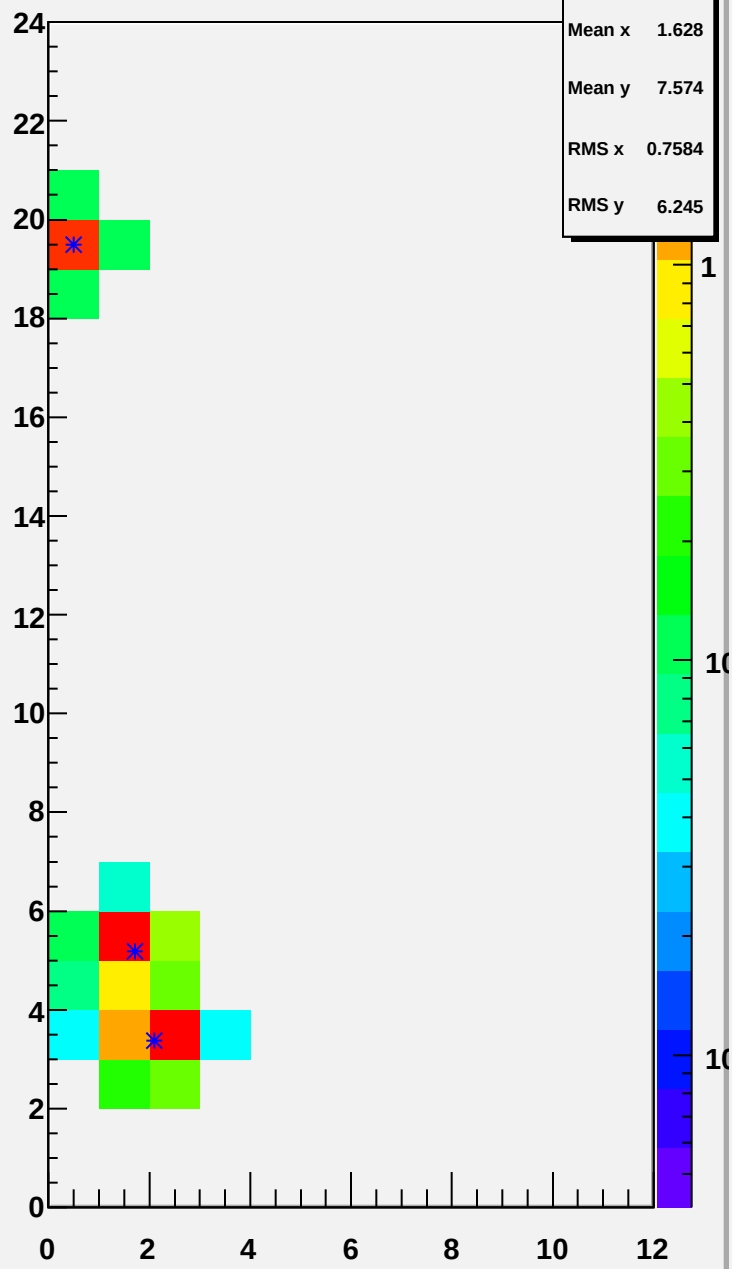
Efit

Entries	288
Mean x	1.556
Mean y	6.941
RMS x	0.9144
RMS y	6.462

NSTB3_r4_c3_En=15.6_m0=0.062 m1=0.062 index=2133



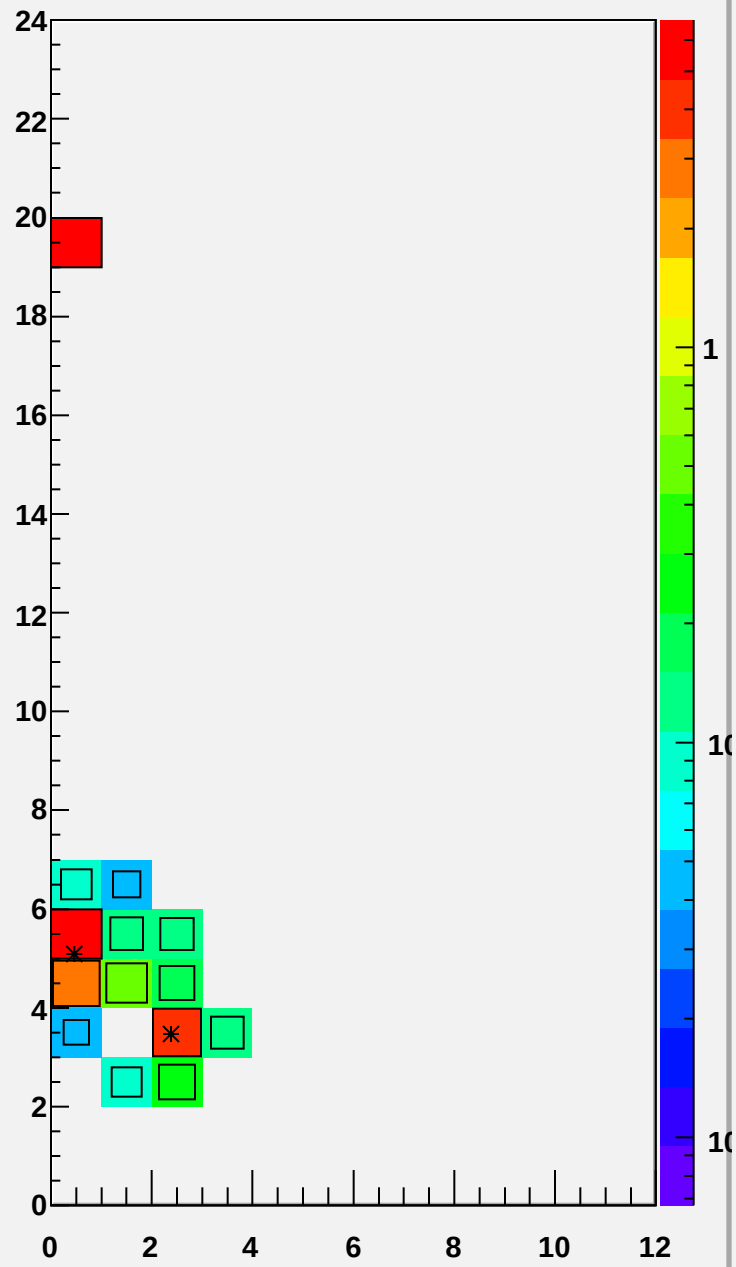
Fitted Energies



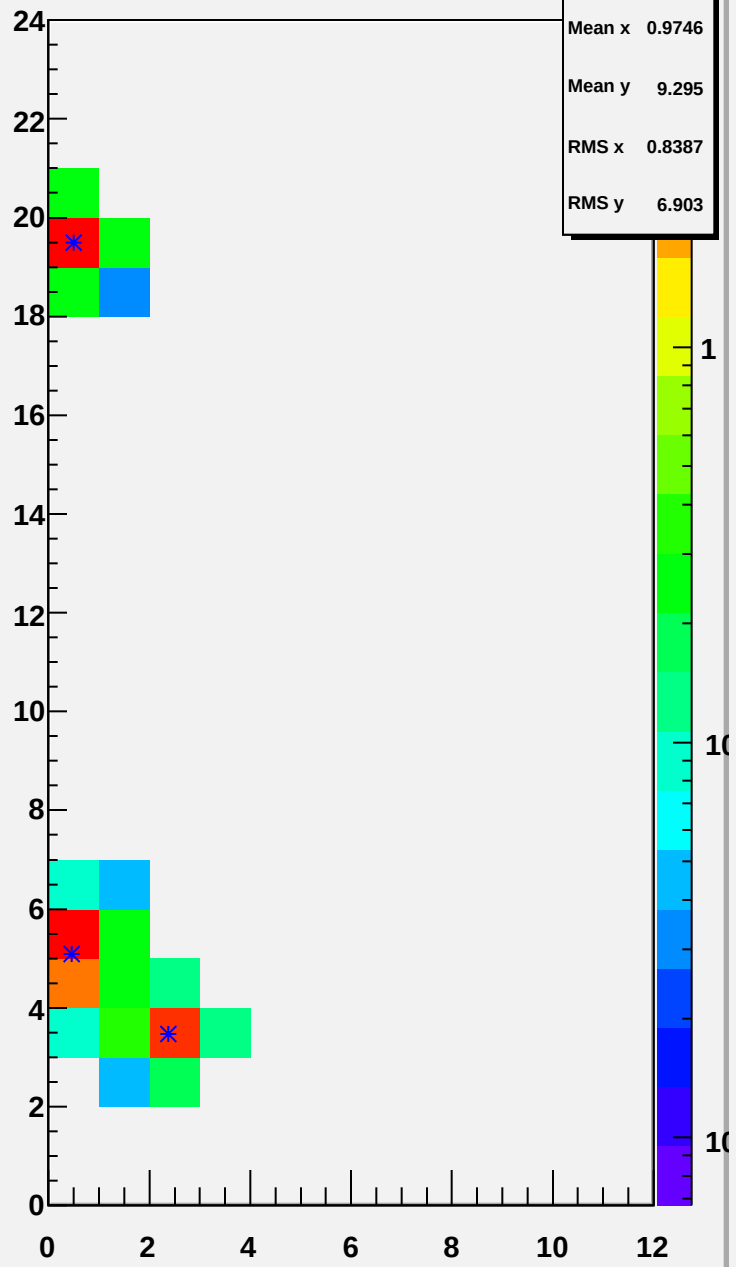
Efit

Entries	288
Mean x	1.628
Mean y	7.574
RMS x	0.7584
RMS y	6.245

NSTB3_r4_c3_En=21.2_m0=0.099 m1=0.099 index=2134



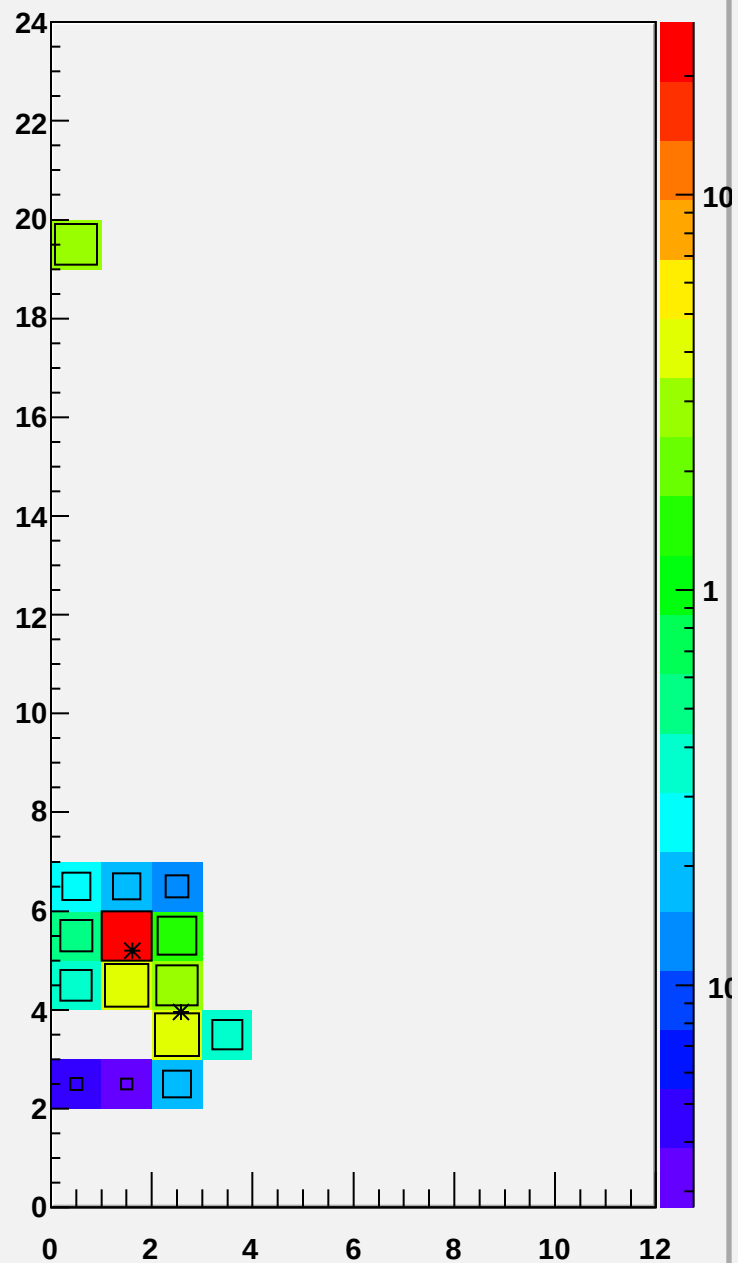
Fitted Energies



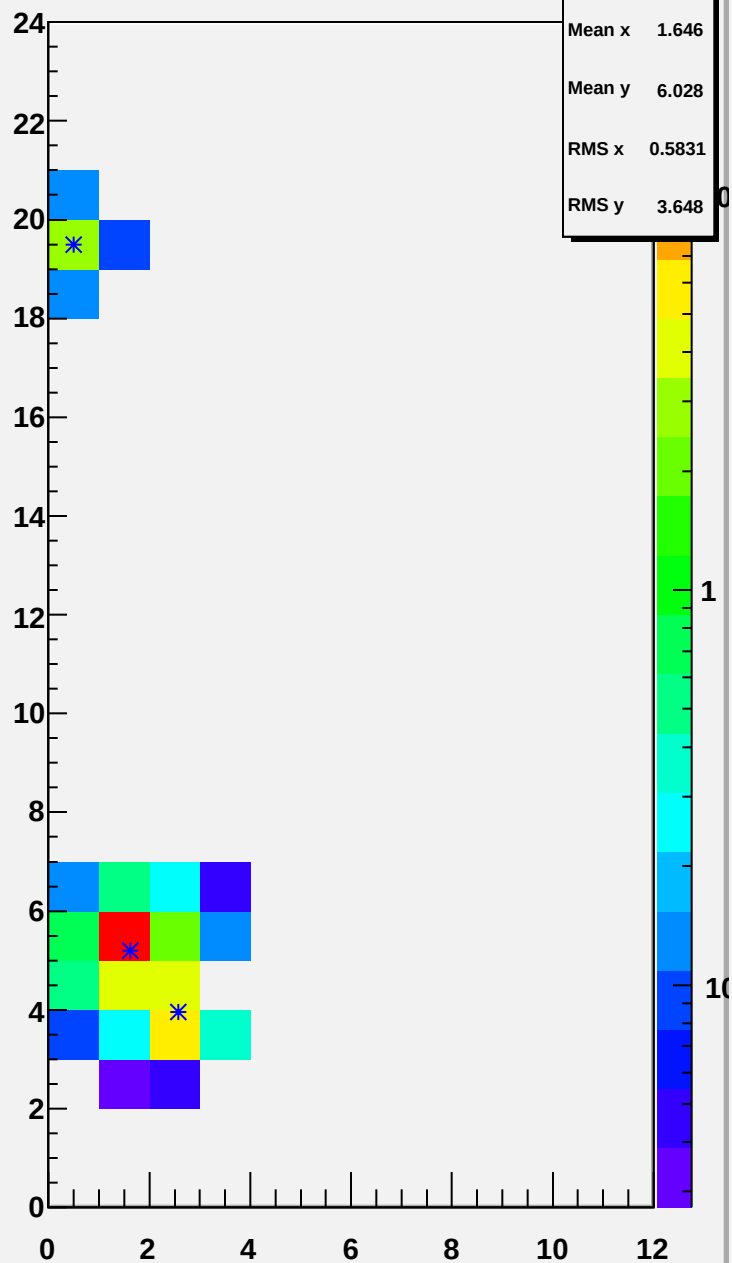
Efit

Entries	288
Mean x	0.9746
Mean y	9.295
RMS x	0.8387
RMS y	6.903

NSTB3_r4_c3_En=46.1_m0=0.156 m1=0.155 index=2136



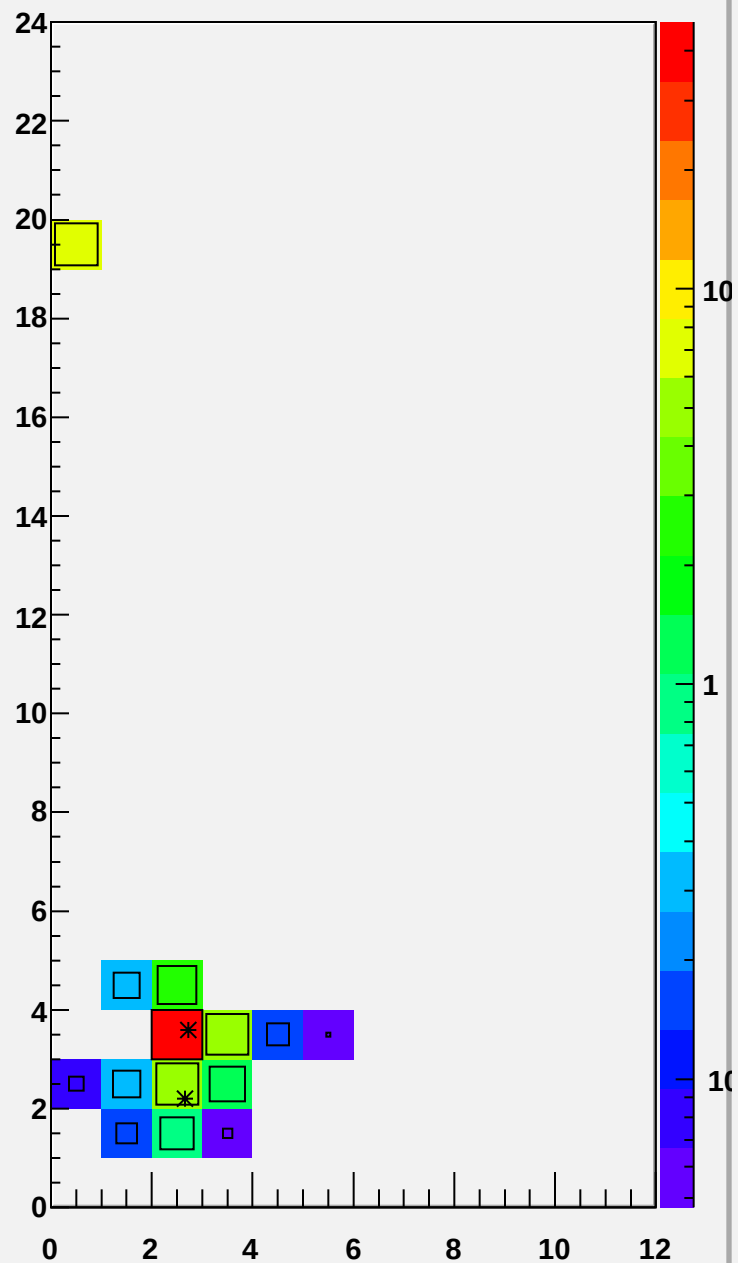
Fitted Energies



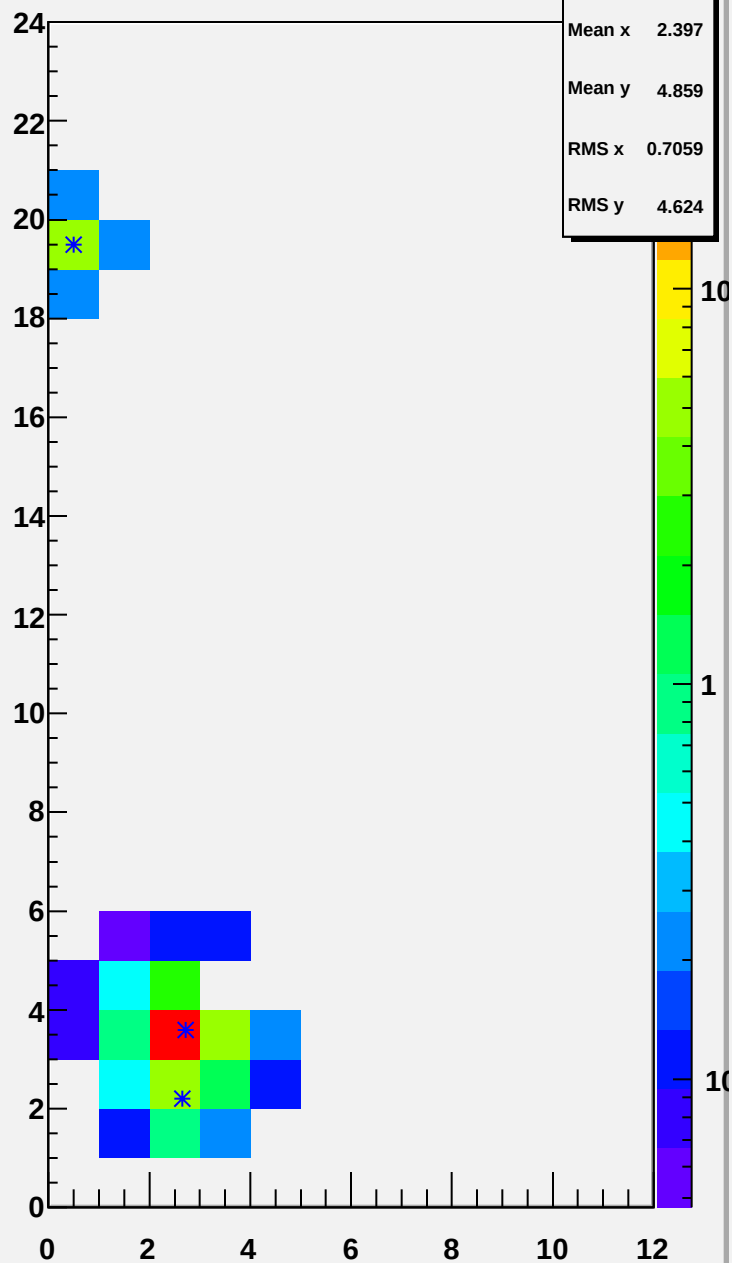
Efit

Entries	288
Mean x	1.646
Mean y	6.028
RMS x	0.5831
RMS y	3.648

NSTB3_r4_c3_En=71.5_m0=0.146 m1=0.146 index=2137



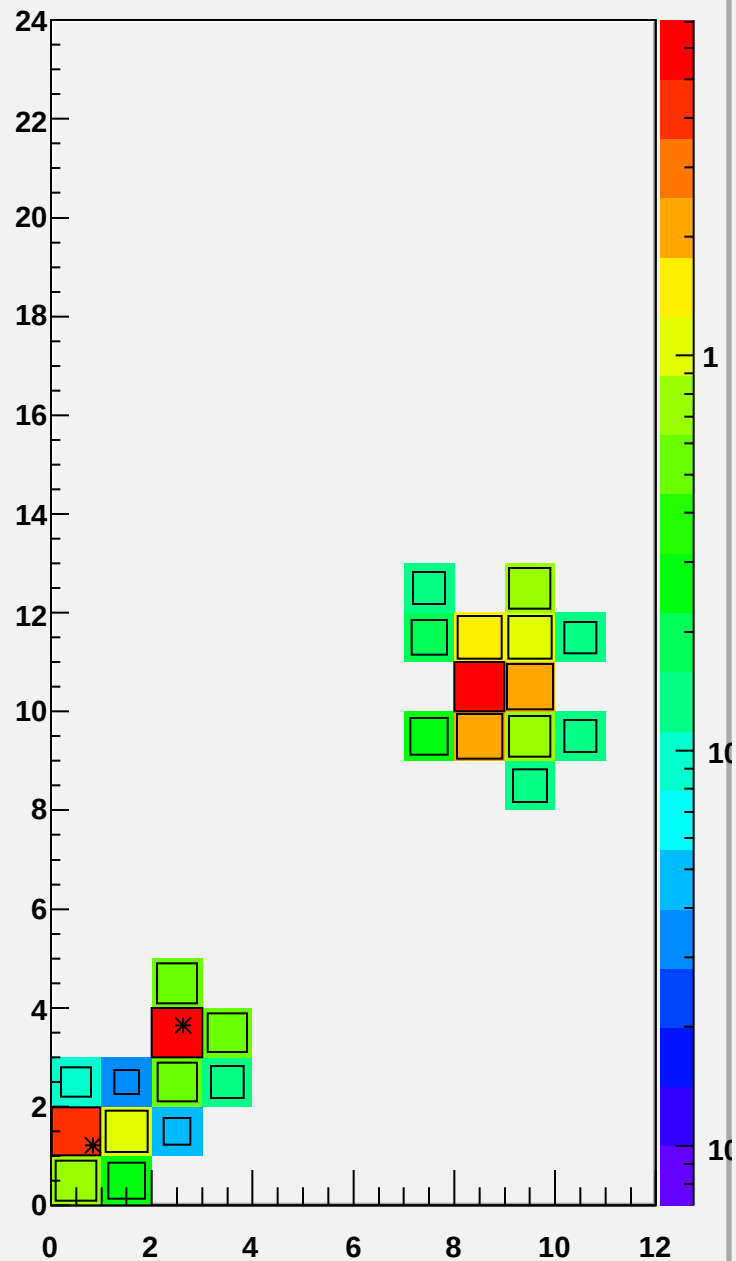
Fitted Energies



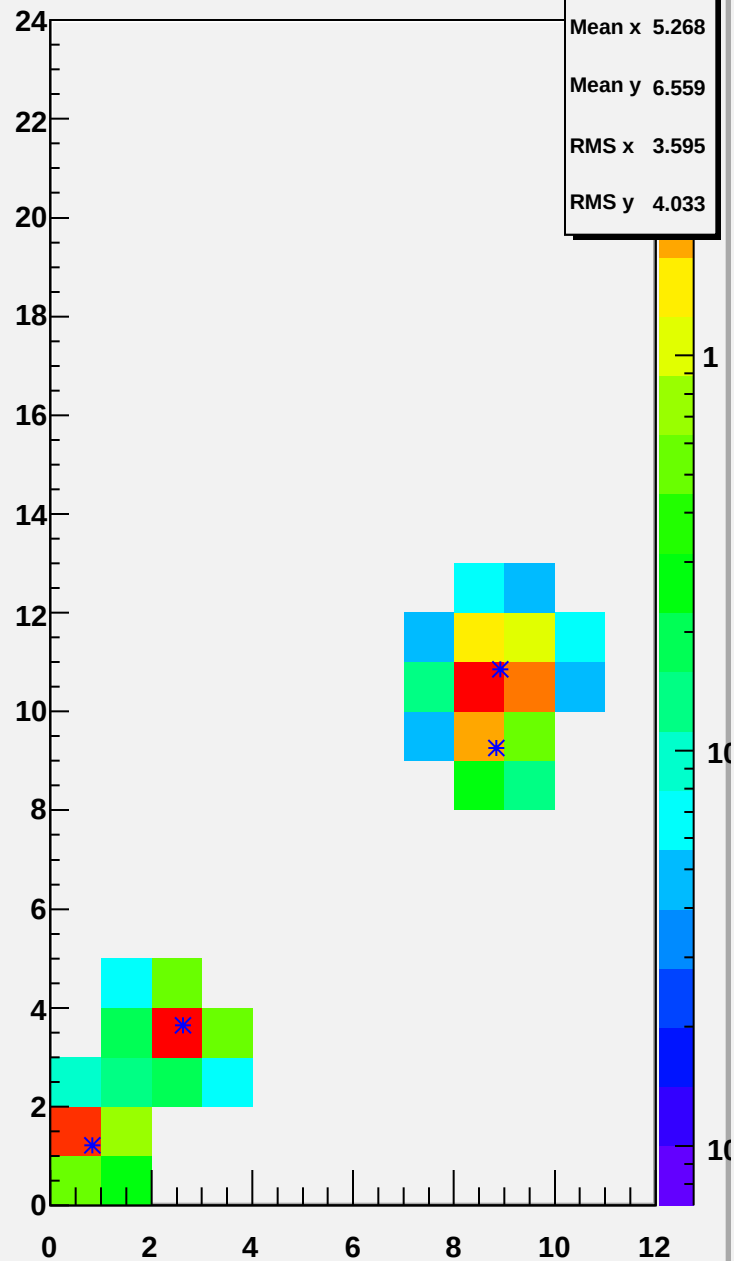
Efit

Entries	288
Mean x	2.397
Mean y	4.859
RMS x	0.7059
RMS y	4.624

NSTB3_r4_c3_En=31.3_m0=0.126 m1=0.126 index=2139



Fitted Energies



Efit

Entries 288

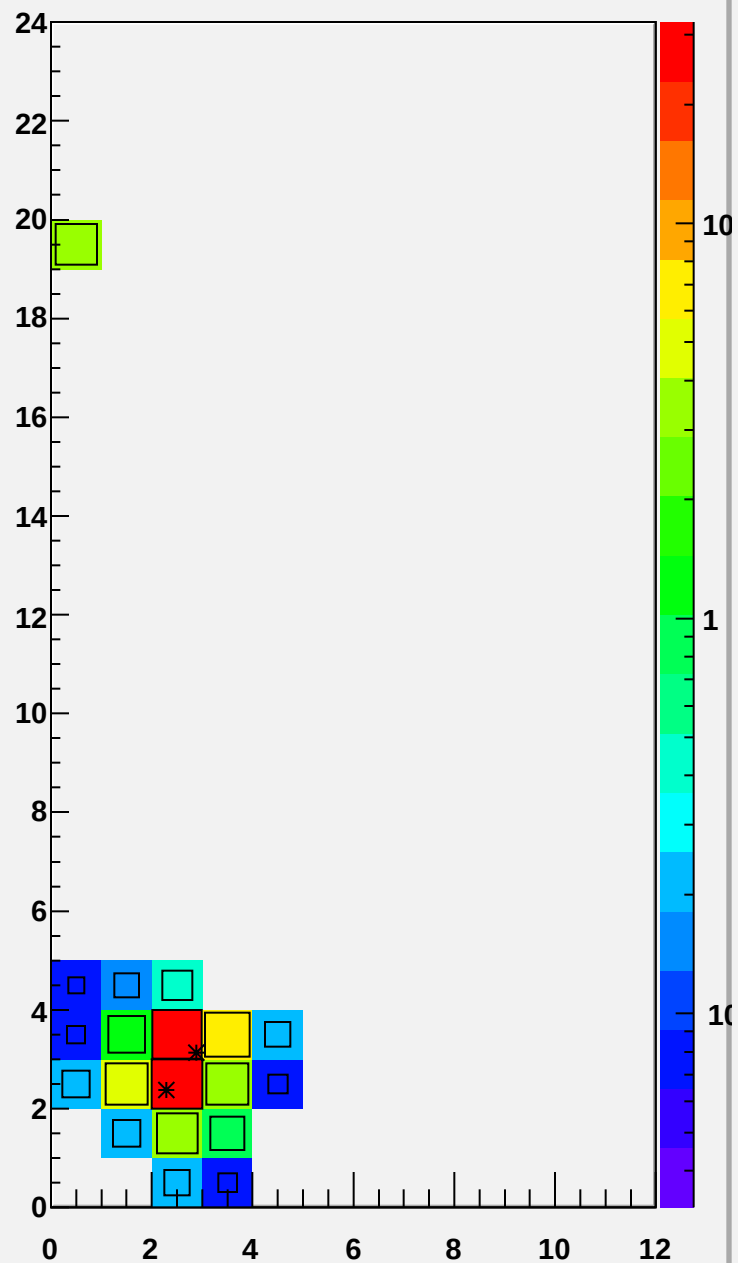
Mean x 5.268

Mean y 6.559

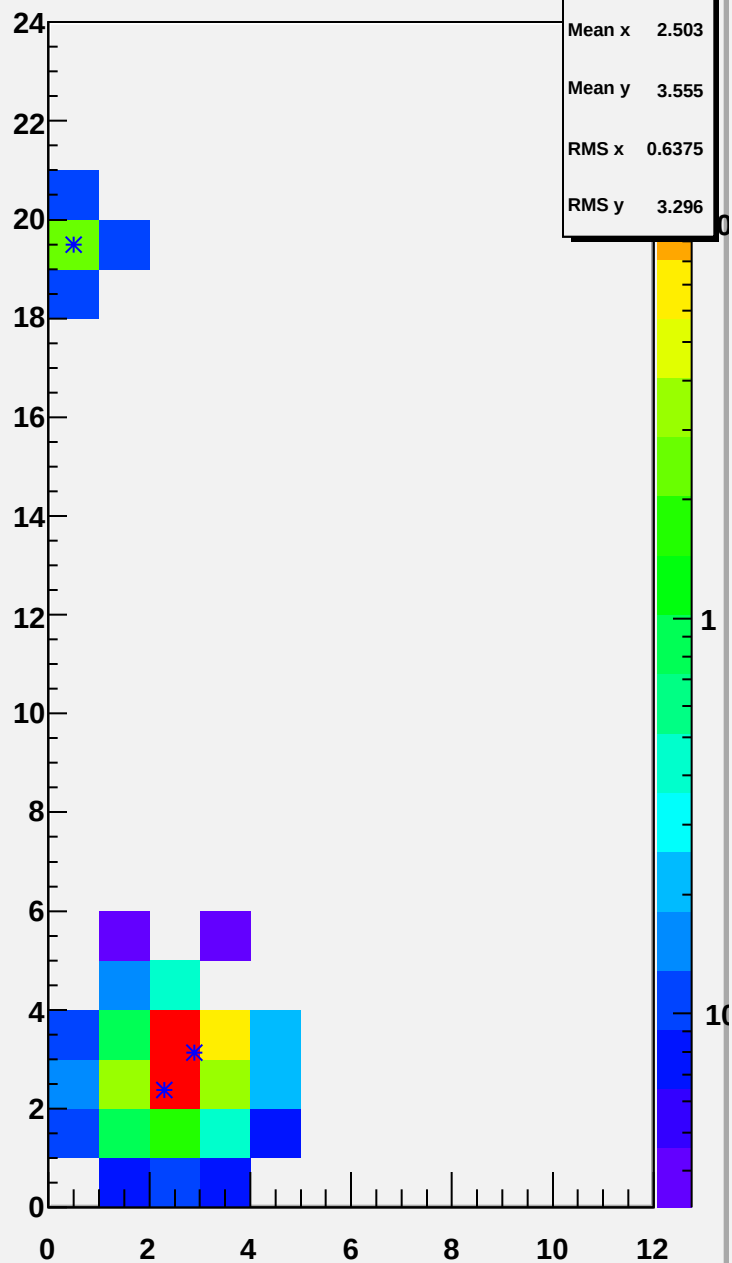
RMS x 3.595

RMS y 4.033

NSTB3_r4_c3_En=82.5_m0=0.201 m1=0.200 index=2140



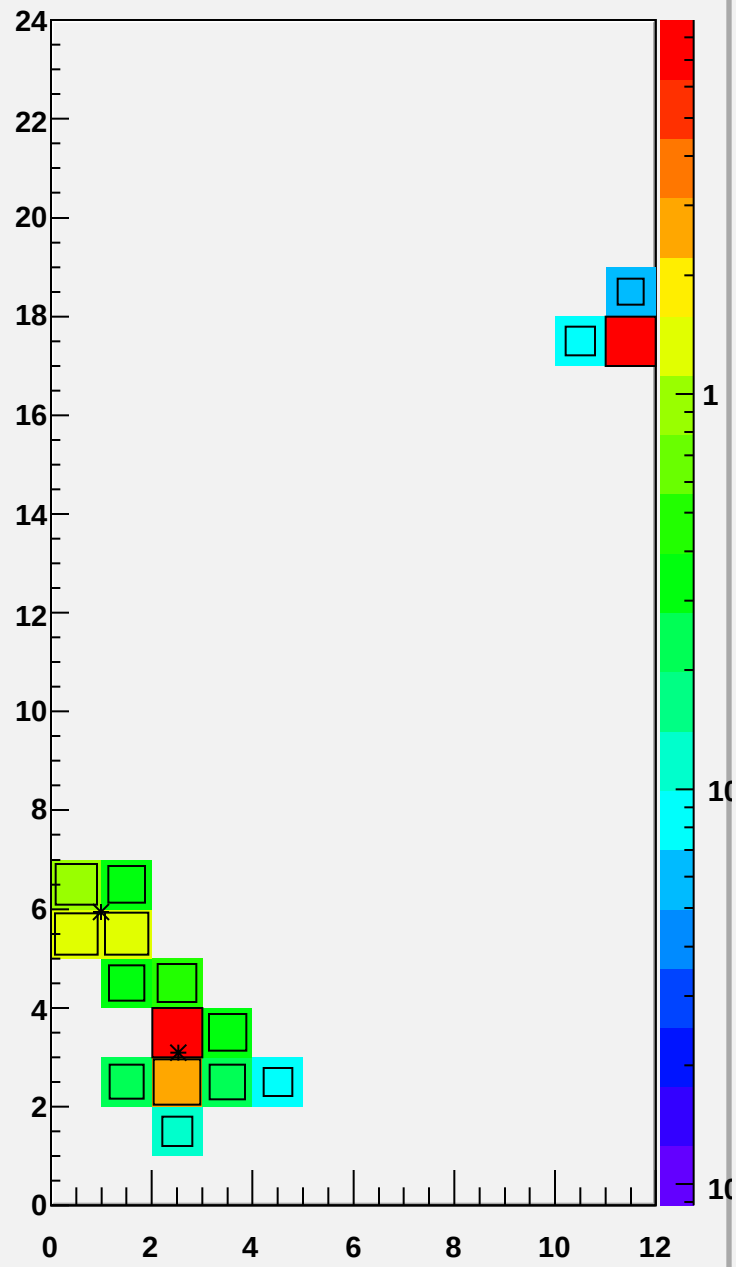
Fitted Energies



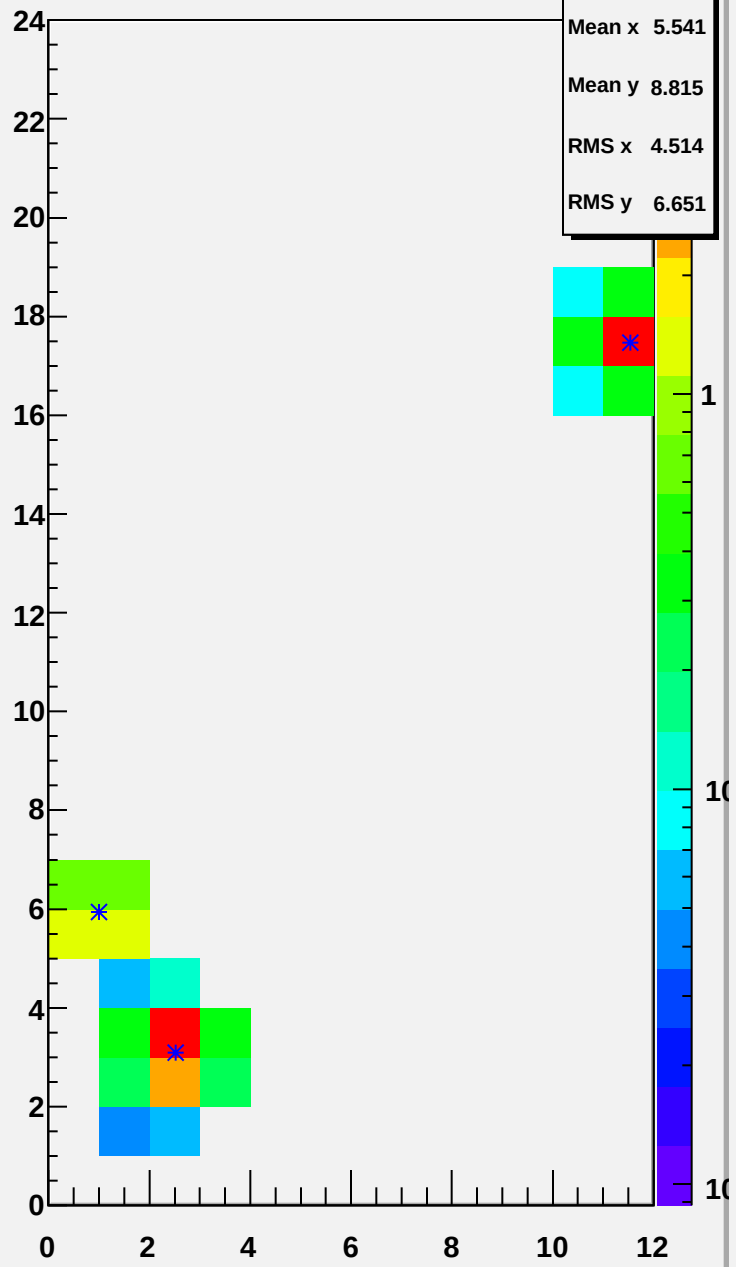
Efit

Entries	288
Mean x	2.503
Mean y	3.555
RMS x	0.6375
RMS y	3.296

NSTB3_r4_c3_En=25.5_m0=0.126 m1=0.126 index=2142



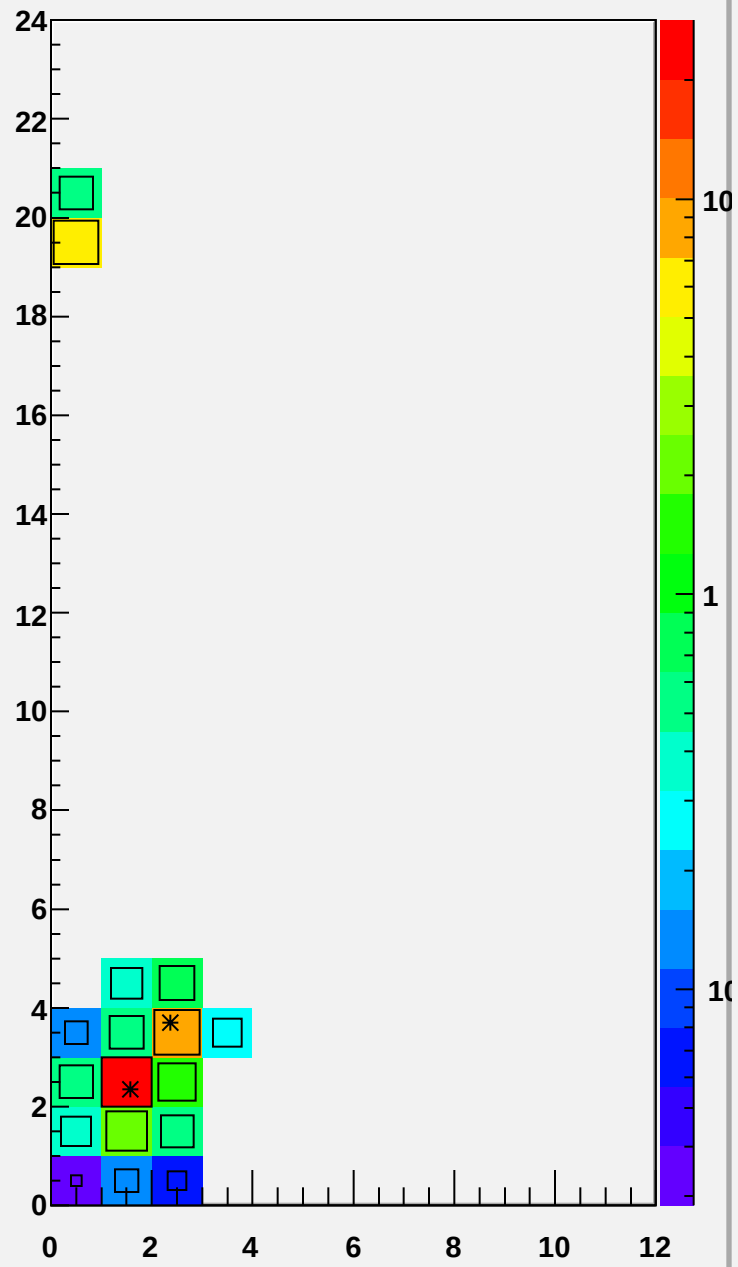
Fitted Energies



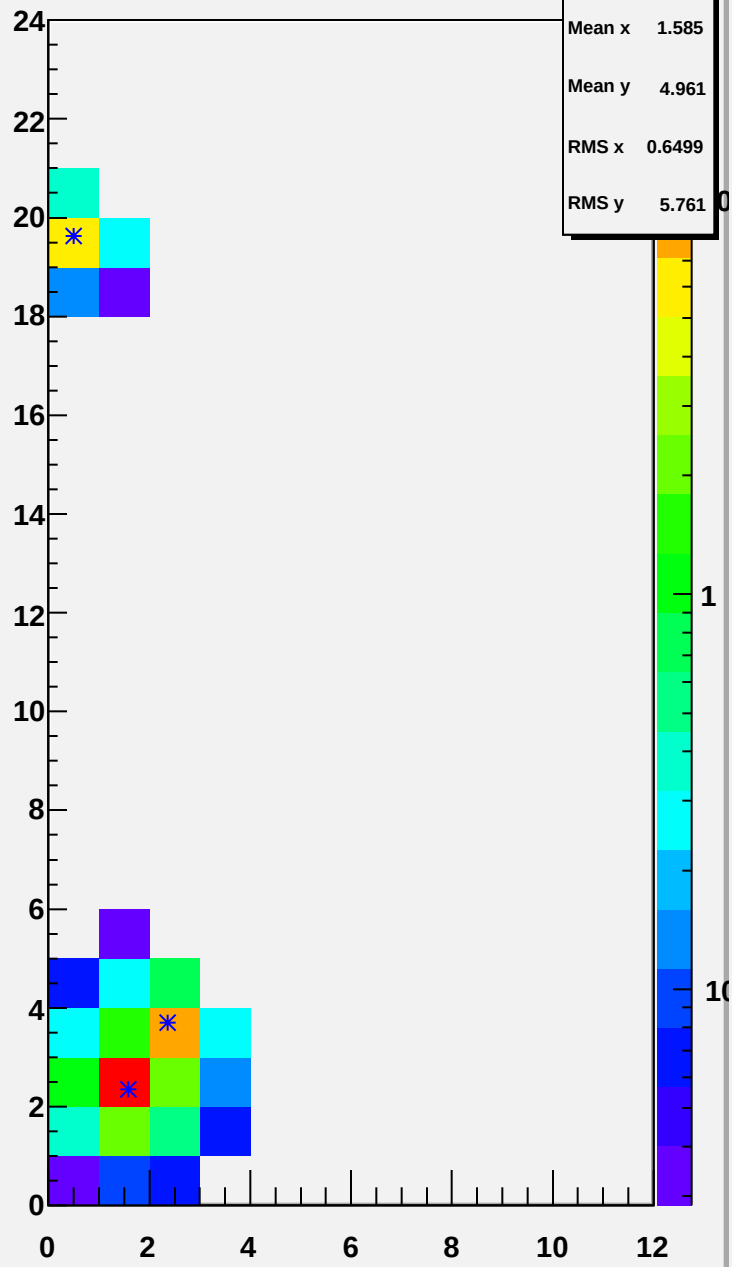
Efit

Entries 288
Mean x 5.541
Mean y 8.815
RMS x 4.514
RMS y 6.651

NSTB3_r4_c3_En=51.5_m0=0.170 m1=0.170 index=2143



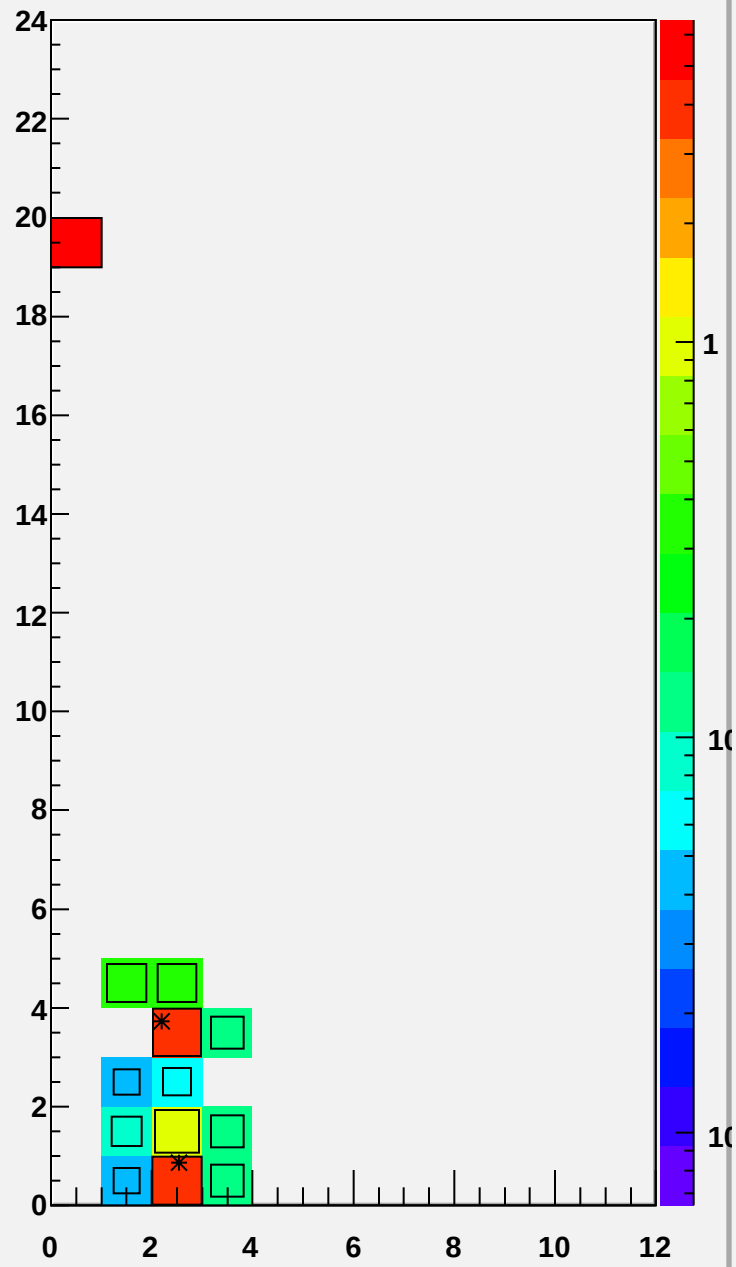
Fitted Energies



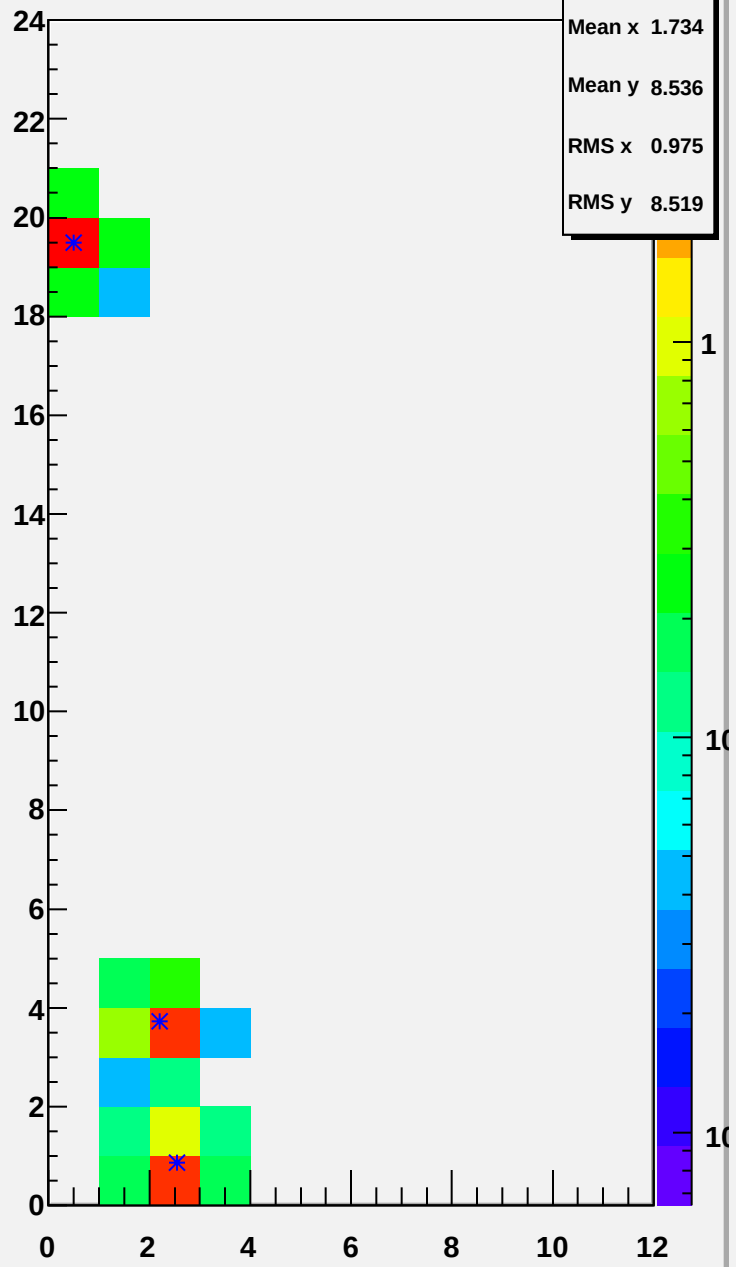
Efit

Entries	288
Mean x	1.585
Mean y	4.961
RMS x	0.6499
RMS y	5.761

NSTB3_r4_c3_En=17.1_m0=0.091 m1=0.091 index=2144



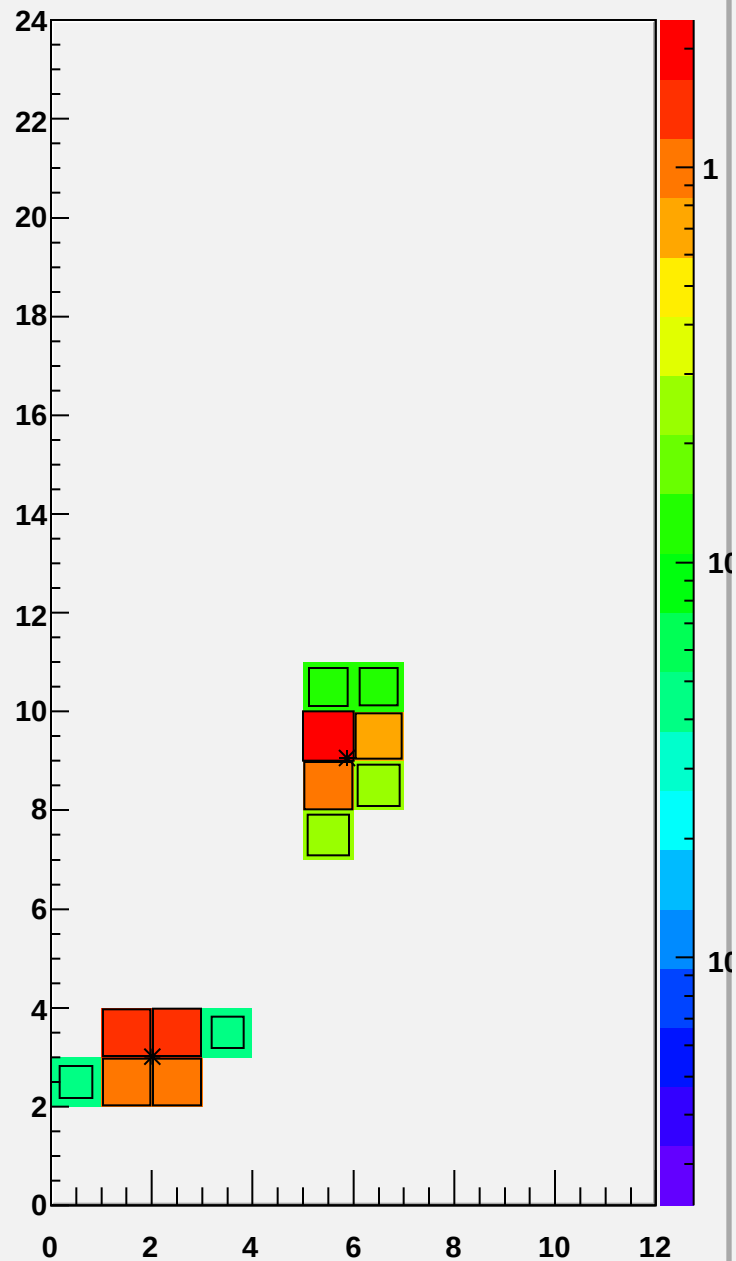
Fitted Energies



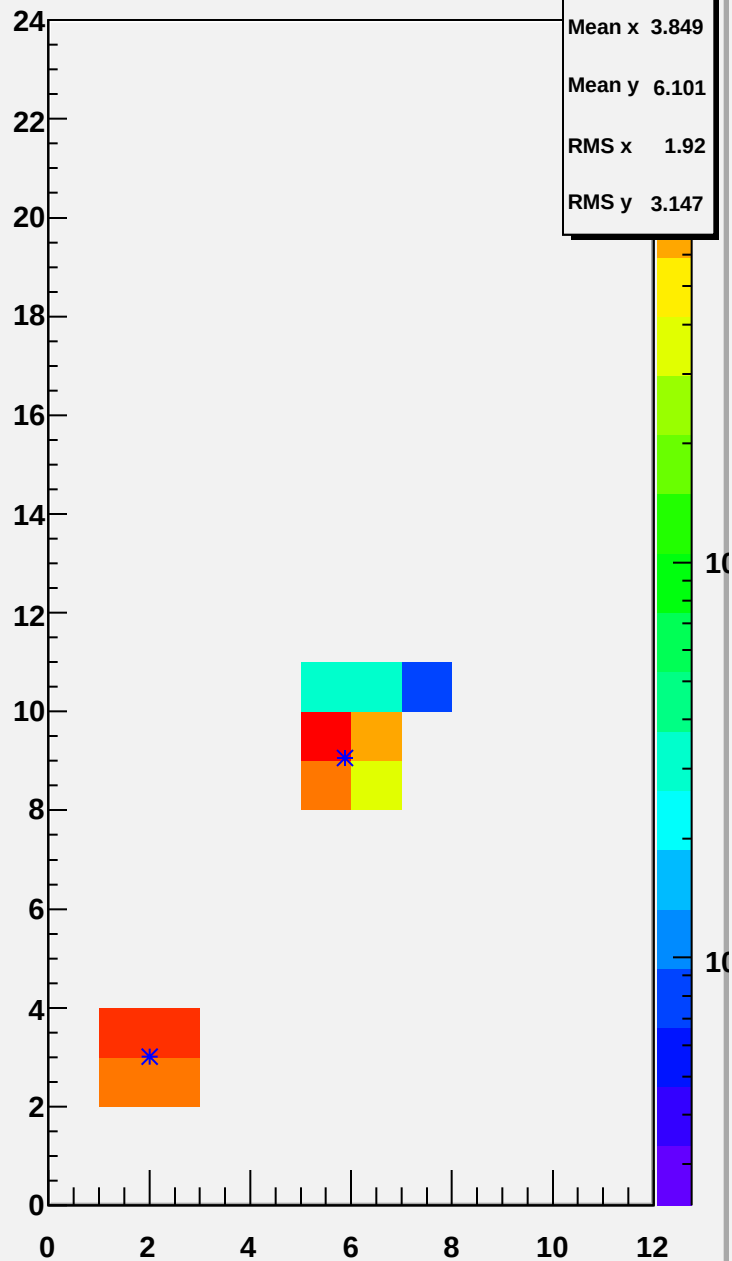
Efit

Entries 288
Mean x 1.734
Mean y 8.536
RMS x 0.975
RMS y 8.519

NSTB3_r4_c3_En=10.0_m0=0.201 m1=0.201 index=2146



Fitted Energies



Efit

Entries 288

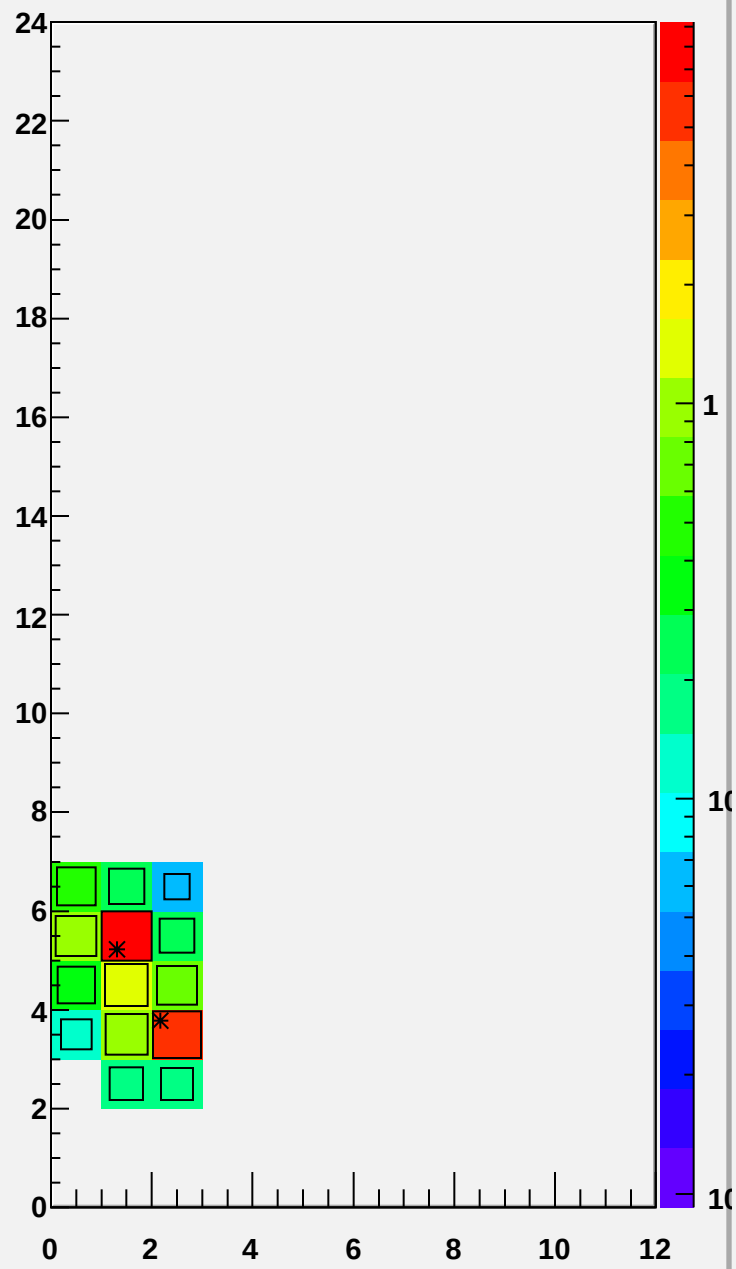
Mean x 3.849

Mean y 6.101

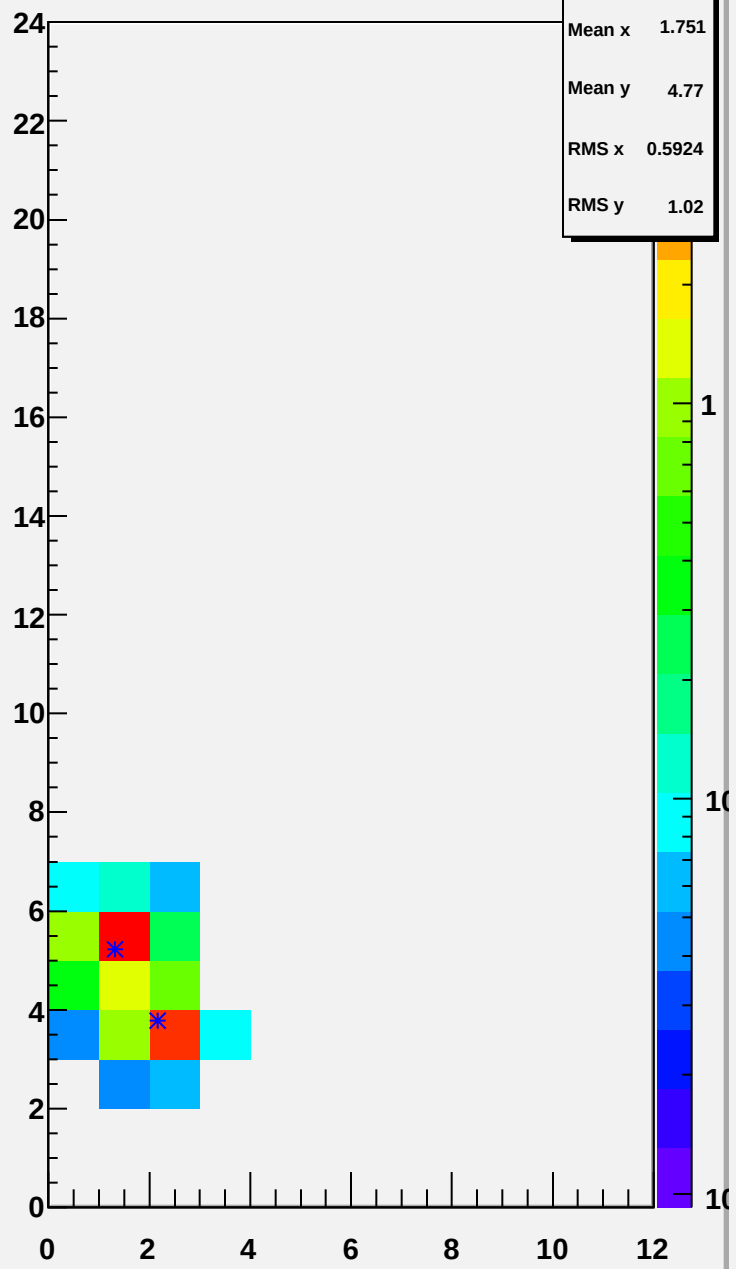
RMS x 1.92

RMS y 3.147

NSTB3_r4_c3_En=19.9_m0=0.088 m1=0.088 index=2148



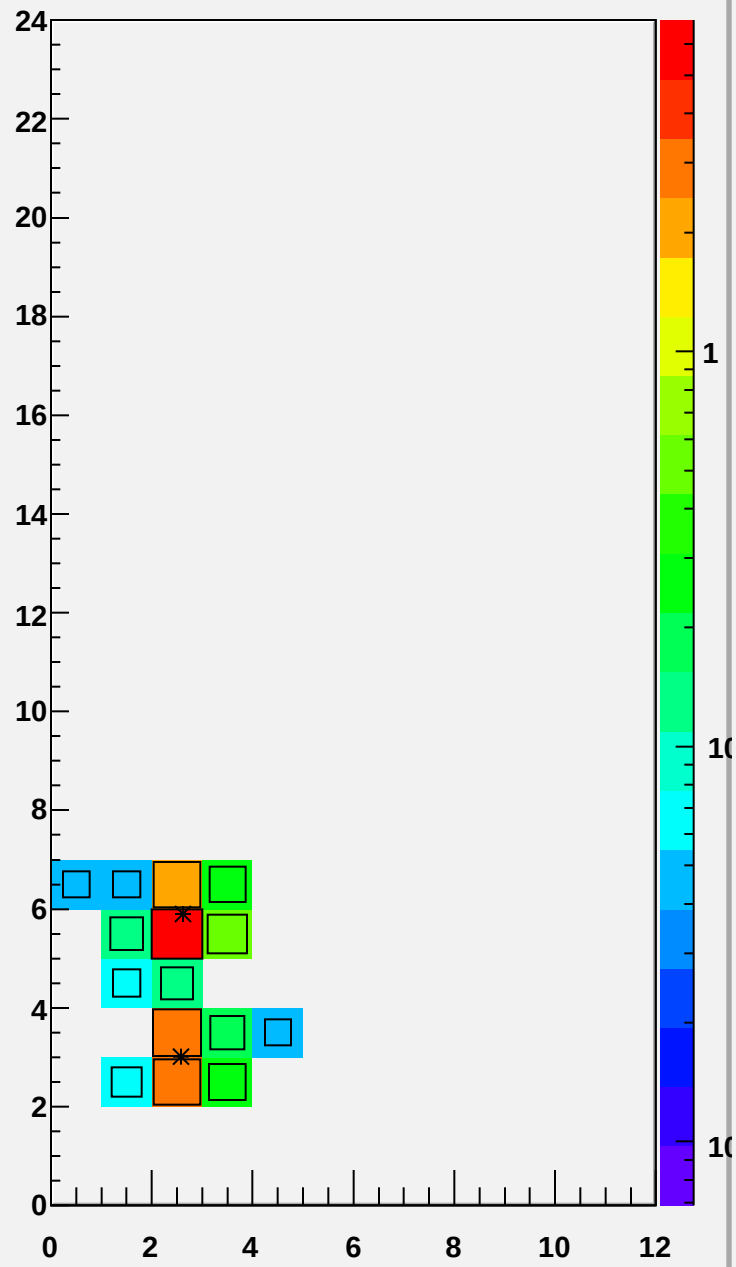
Fitted Energies



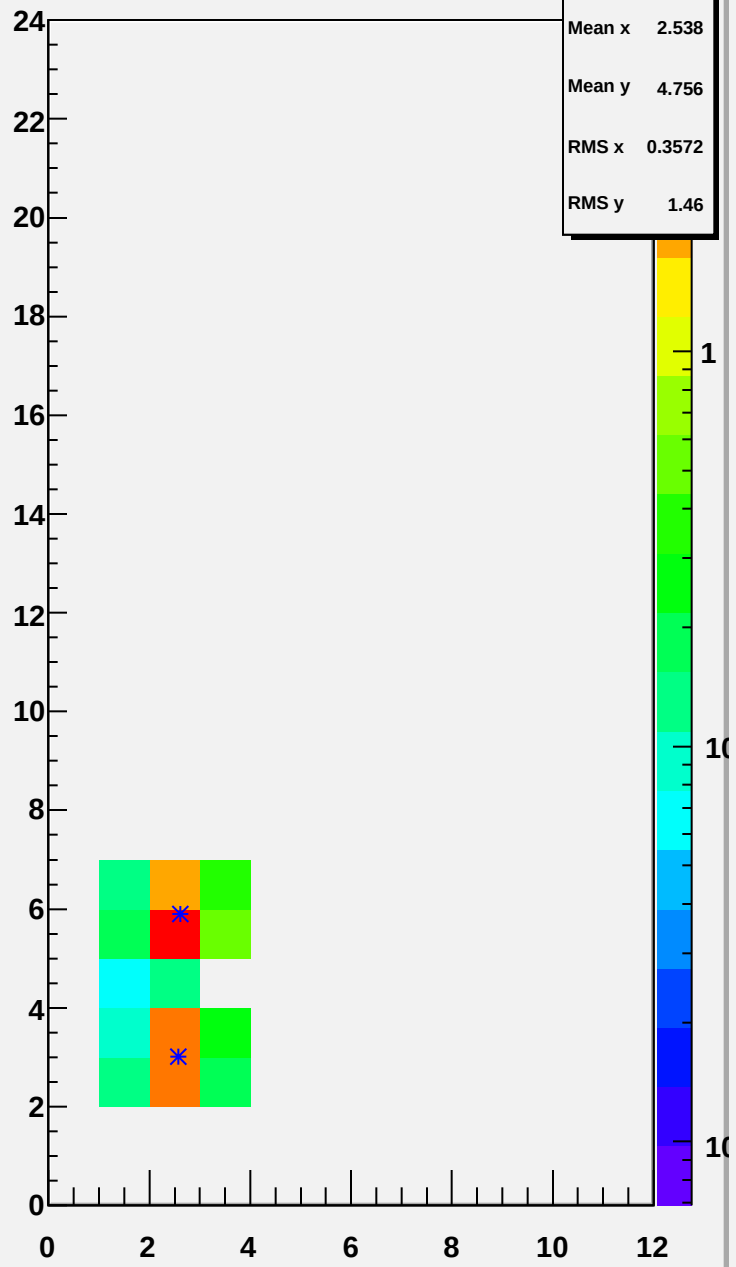
Efit

Entries	288
Mean x	1.751
Mean y	4.77
RMS x	0.5924
RMS y	1.02

NSTB3_r4_c3_En=16.7_m0=0.137 m1=0.137 index=2150



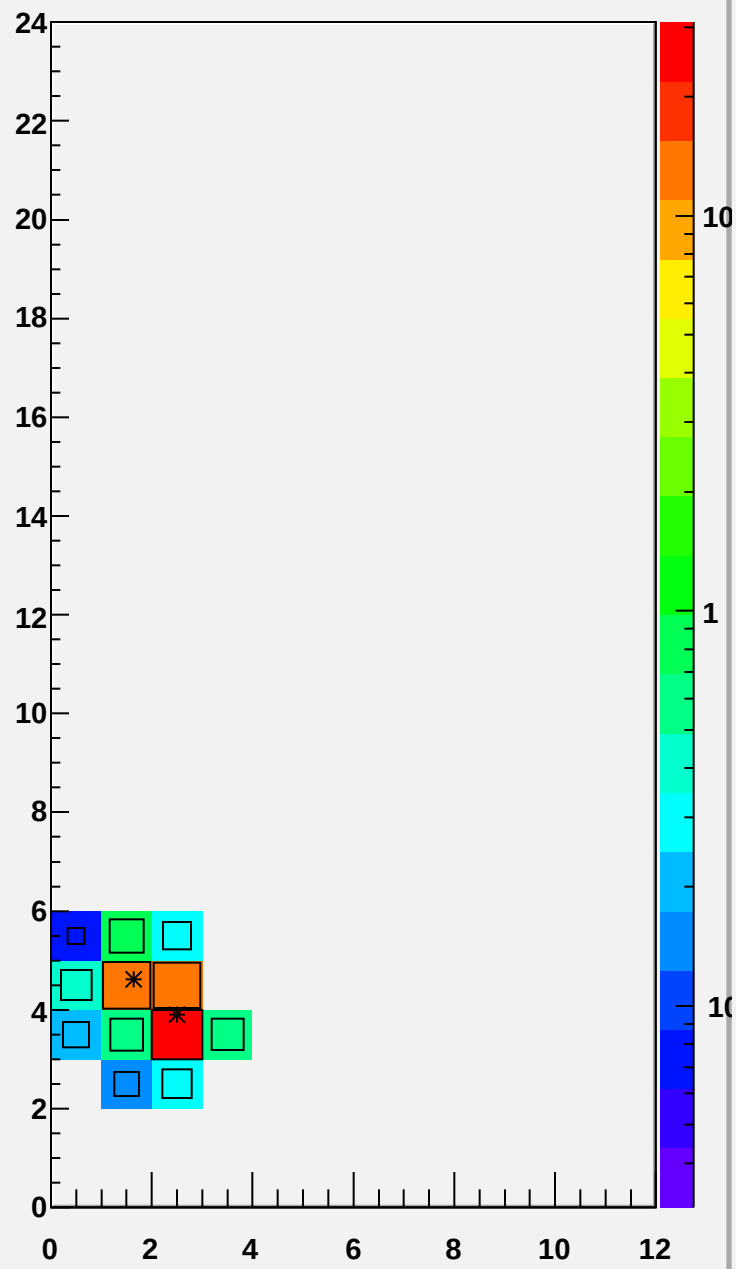
Fitted Energies



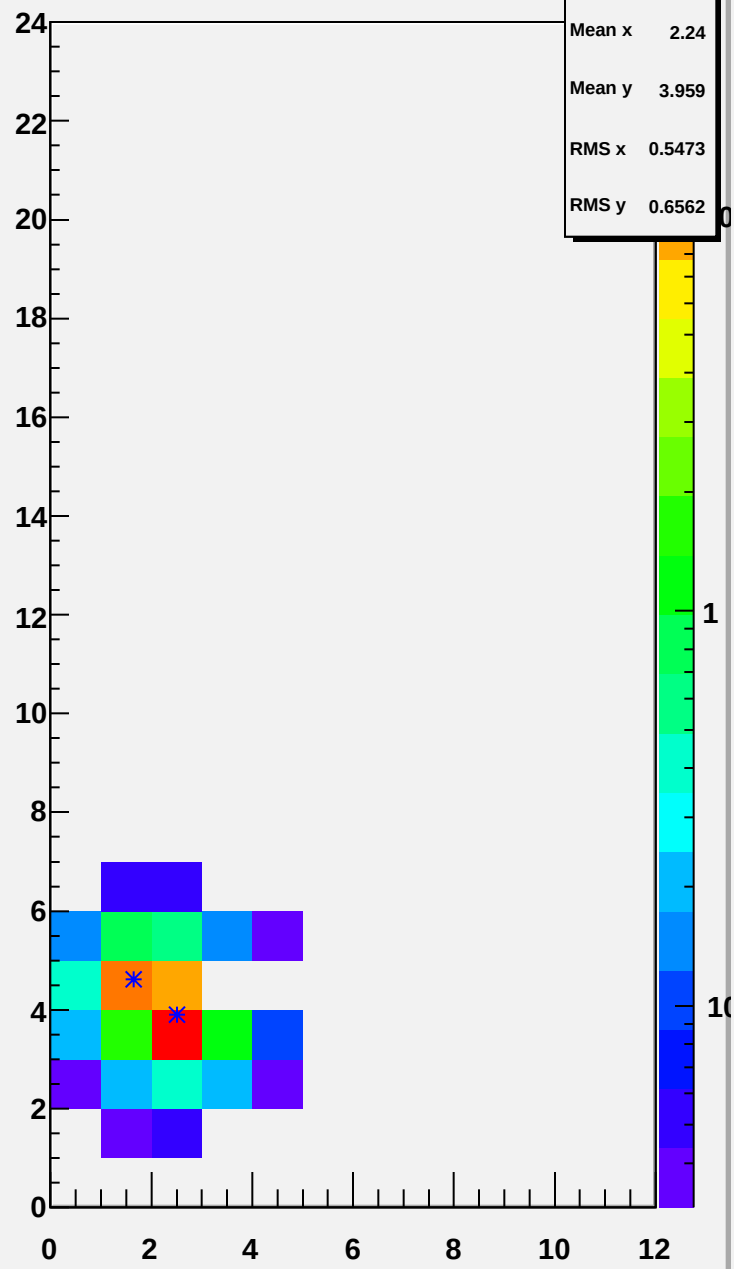
Efit

Entries	288
Mean x	2.538
Mean y	4.756
RMS x	0.3572
RMS y	1.46

NSTB3_r4_c3_En=59.1_m0=0.162 m1=0.162 index=2151



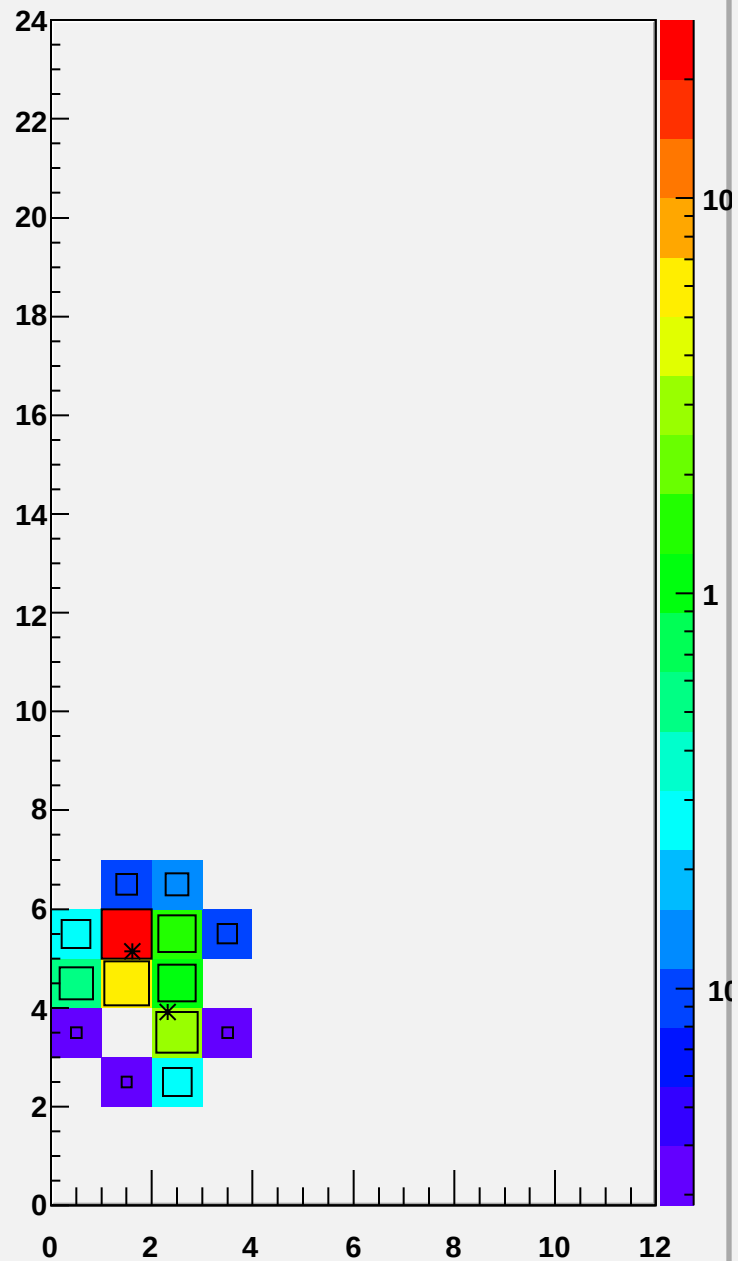
Fitted Energies



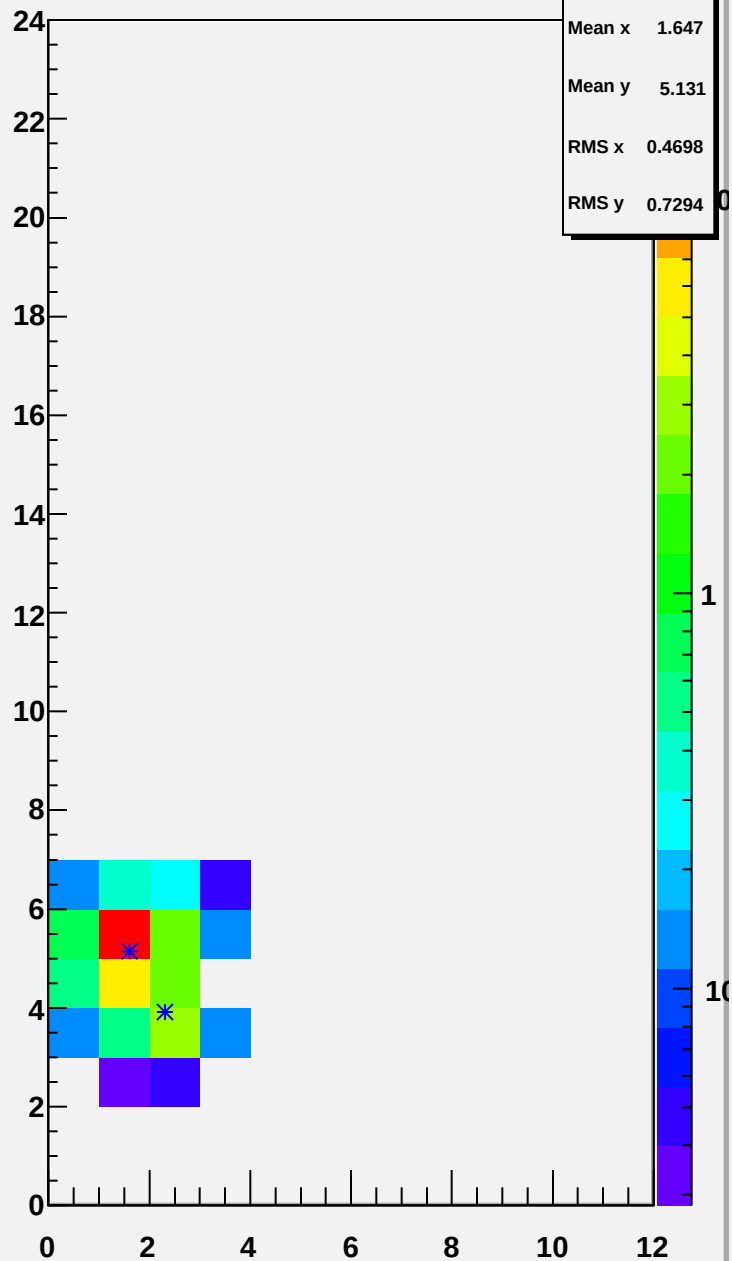
Efit

Entries	288
Mean x	2.24
Mean y	3.959
RMS x	0.5473
RMS y	0.6562

NSTB3_r4_c3_En=42.0_m0=0.111 m1=0.112 index=2152



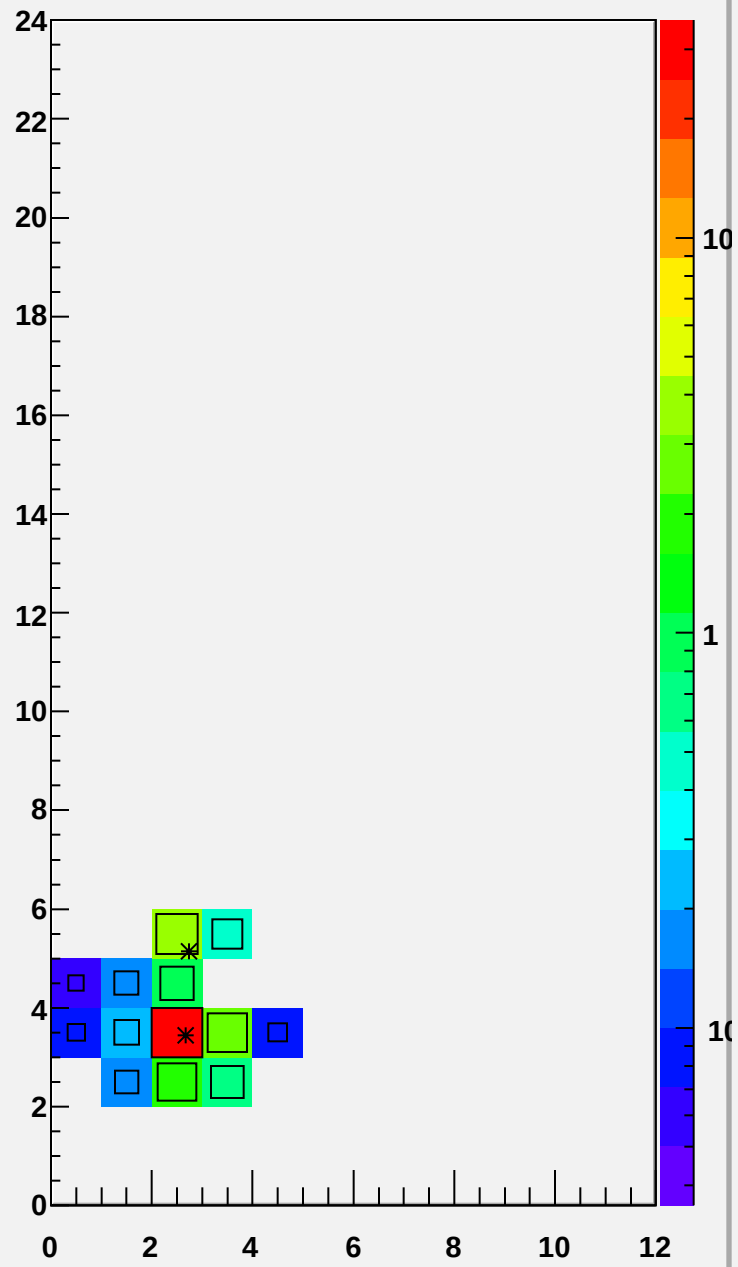
Fitted Energies



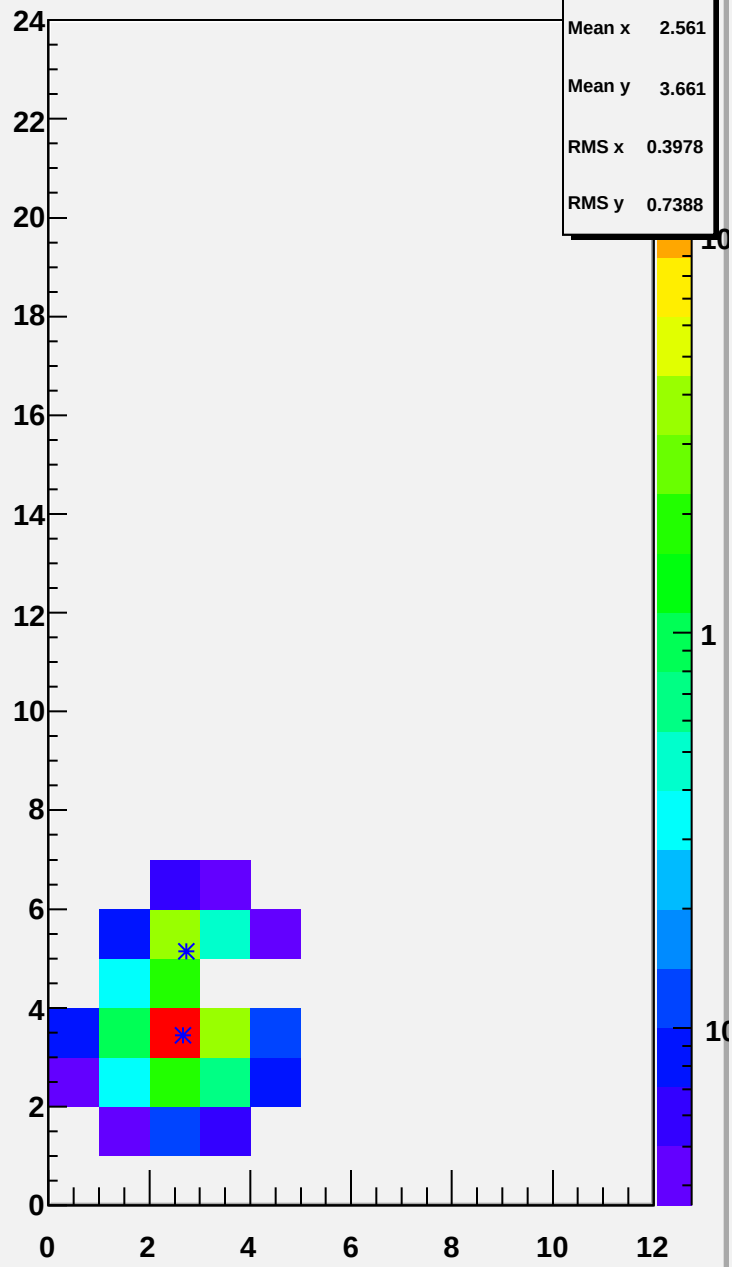
Efit

Entries	288
Mean x	1.647
Mean y	5.131
RMS x	0.4698
RMS y	0.7294

NSTB3_r4_c3_En=46.0_m0=0.142 m1=0.142 index=2153



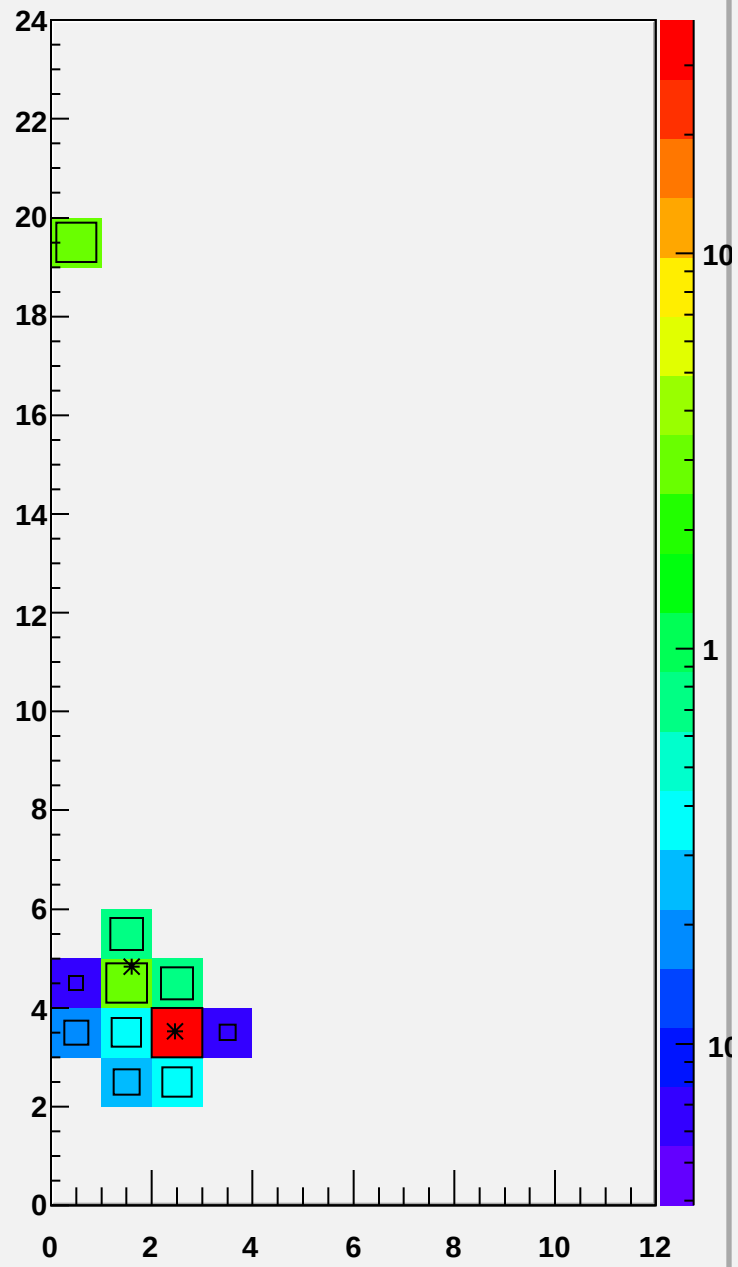
Fitted Energies



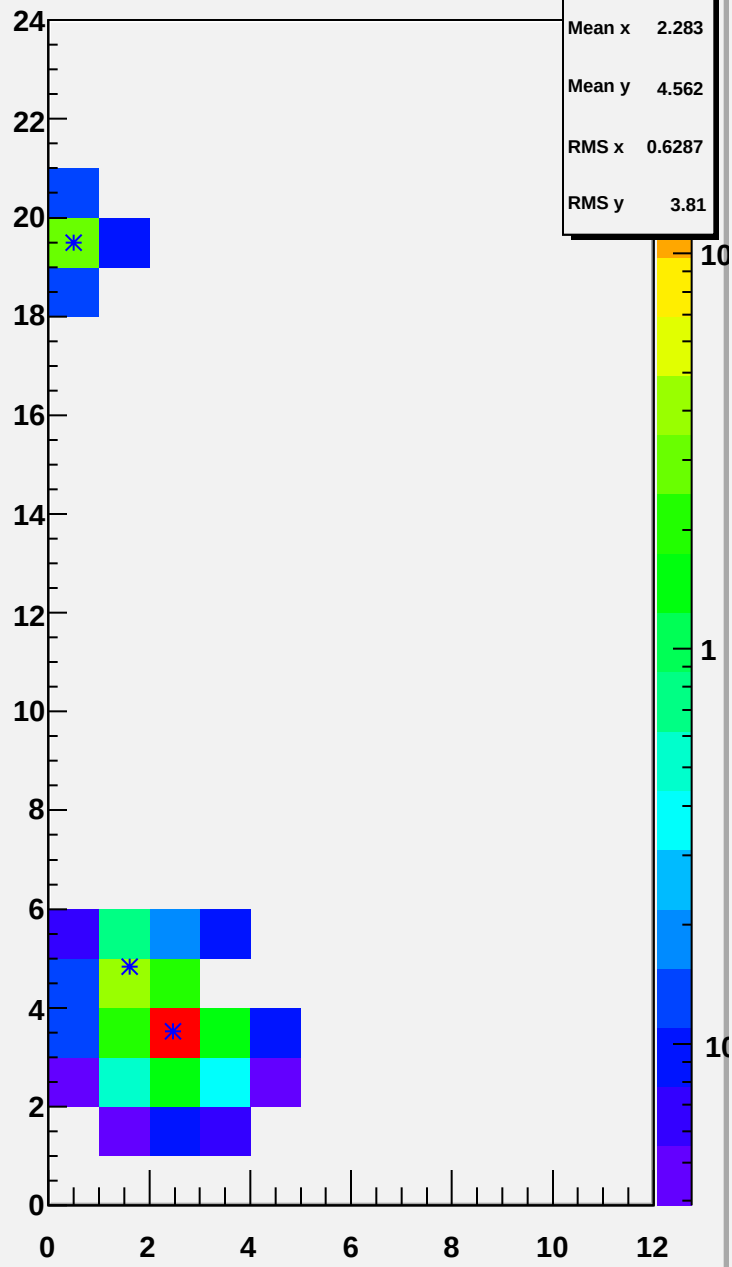
Efit

Entries	288
Mean x	2.561
Mean y	3.661
RMS x	0.3978
RMS y	0.7388

NSTB3_r4_c3_En=48.3_m0=0.123 m1=0.123 index=2156



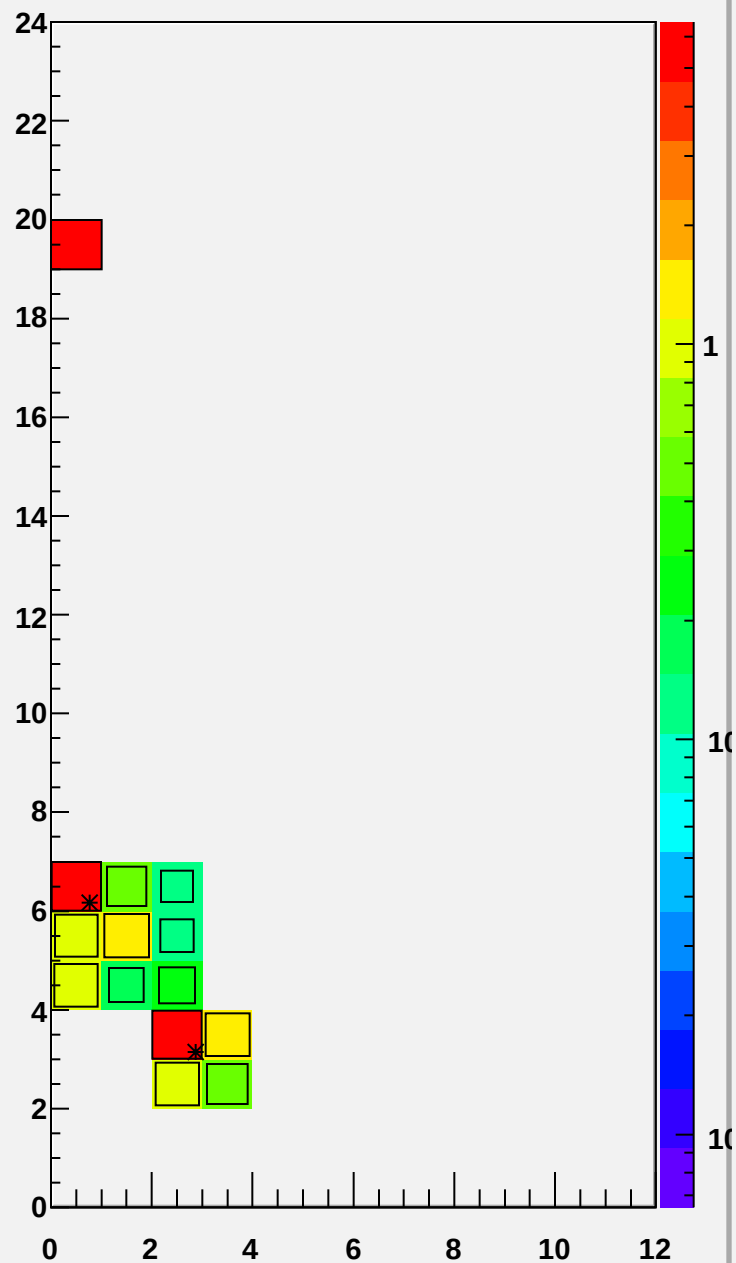
Fitted Energies



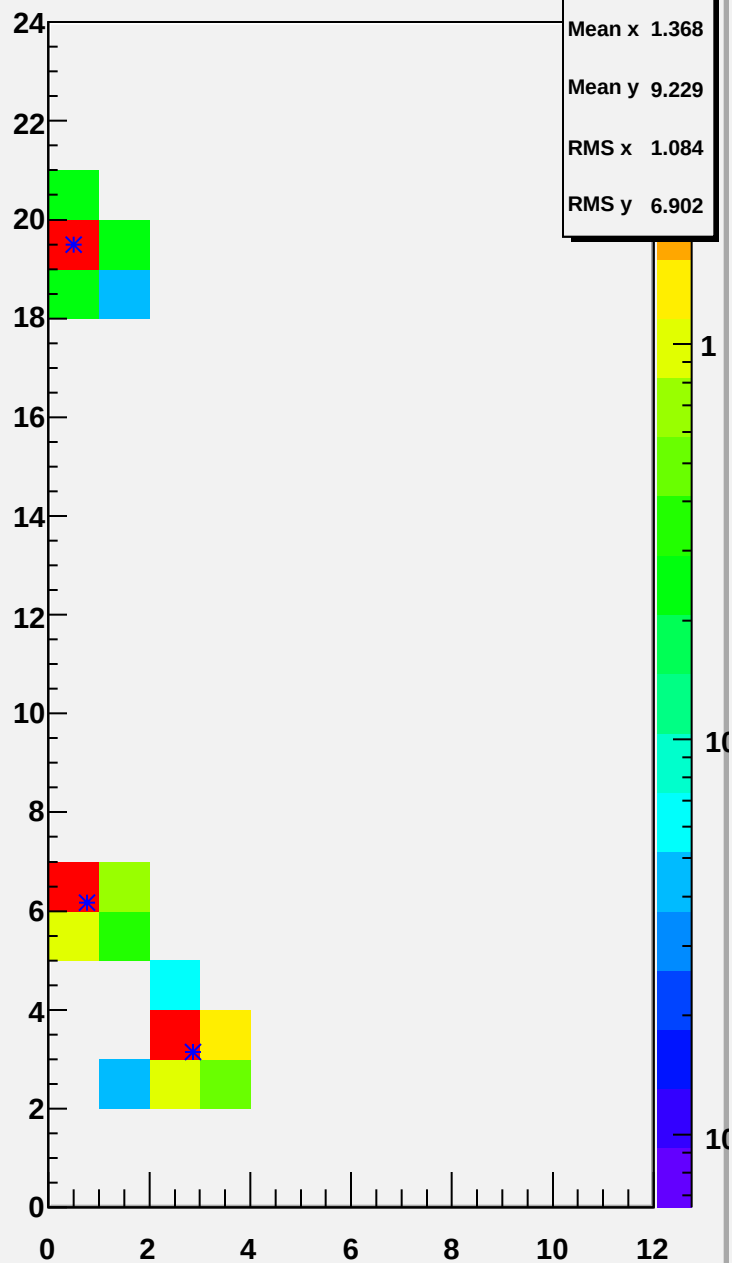
Efit

Entries	288
Mean x	2.283
Mean y	4.562
RMS x	0.6287
RMS y	3.81

NSTB3_r4_c3_En=24.0_m0=0.160 m1=0.160 index=2157



Fitted Energies



Efit

Entries 288

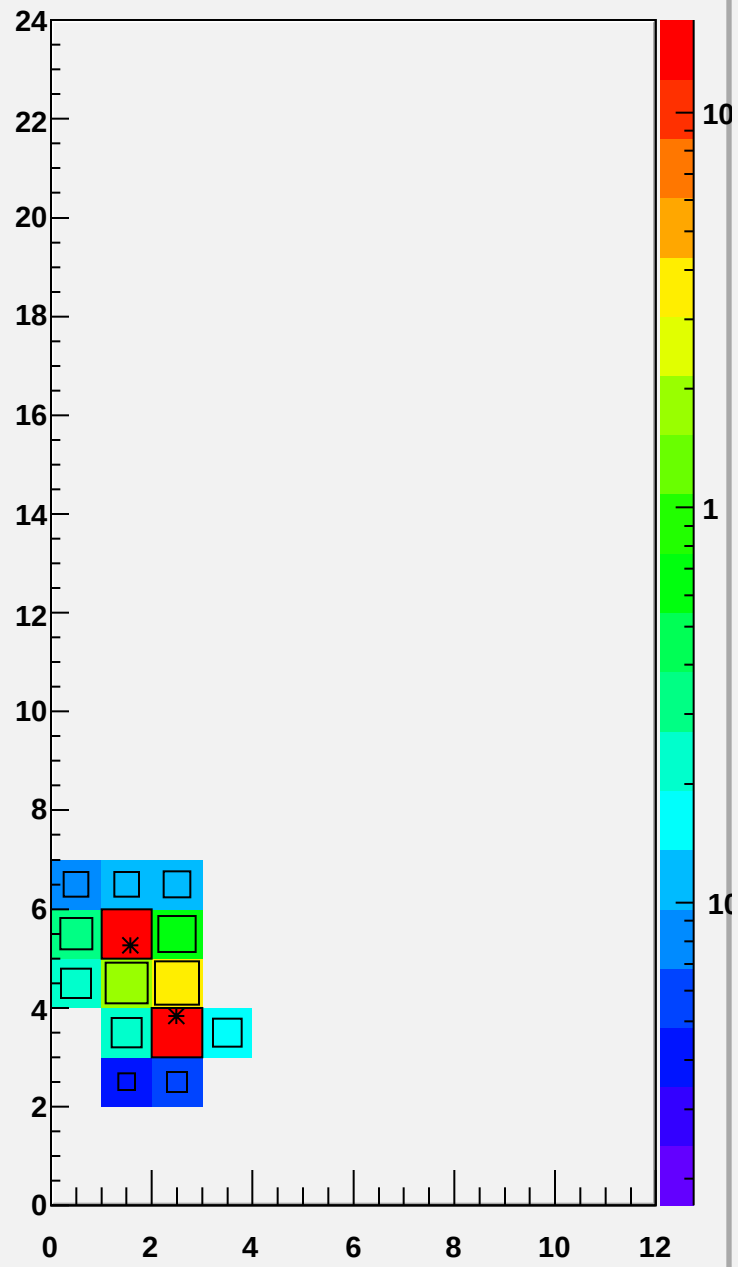
Mean x 1.368

Mean y 9.229

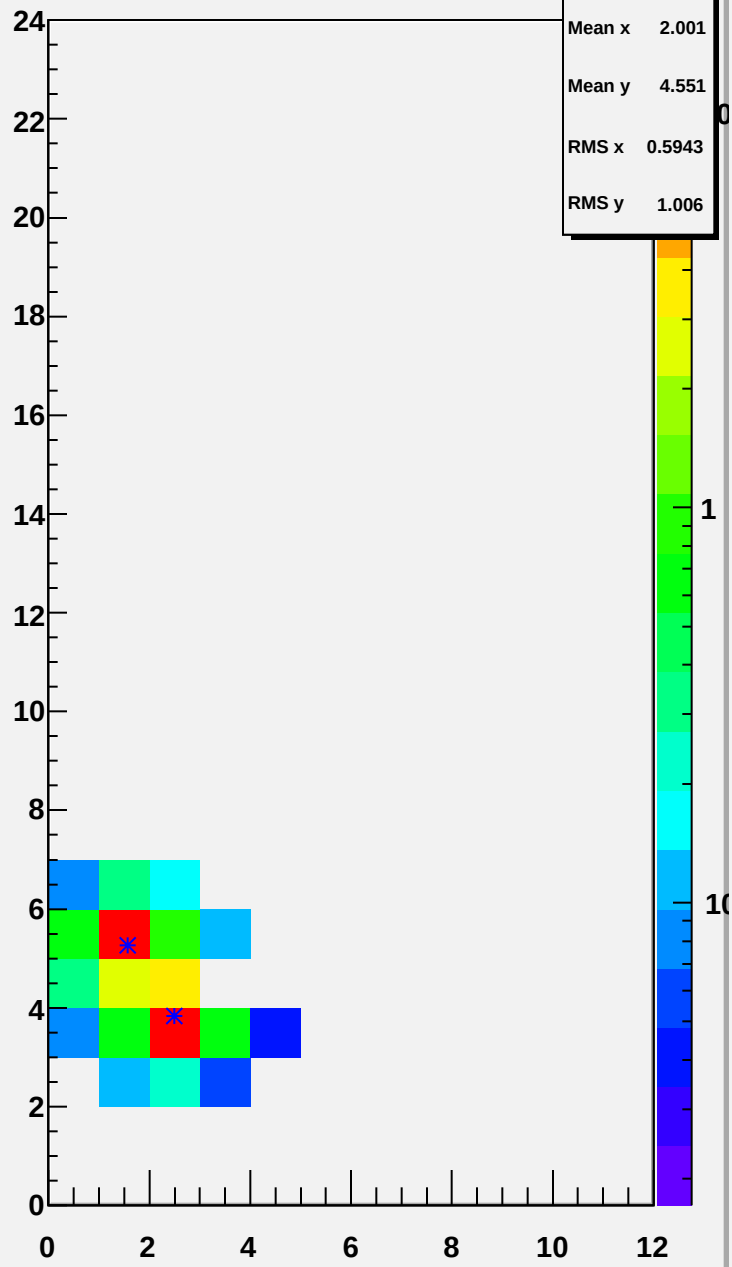
RMS x 1.084

RMS y 6.902

NSTB3_r4_c3_En=40.3_m0=0.206 m1=0.206 index=2158



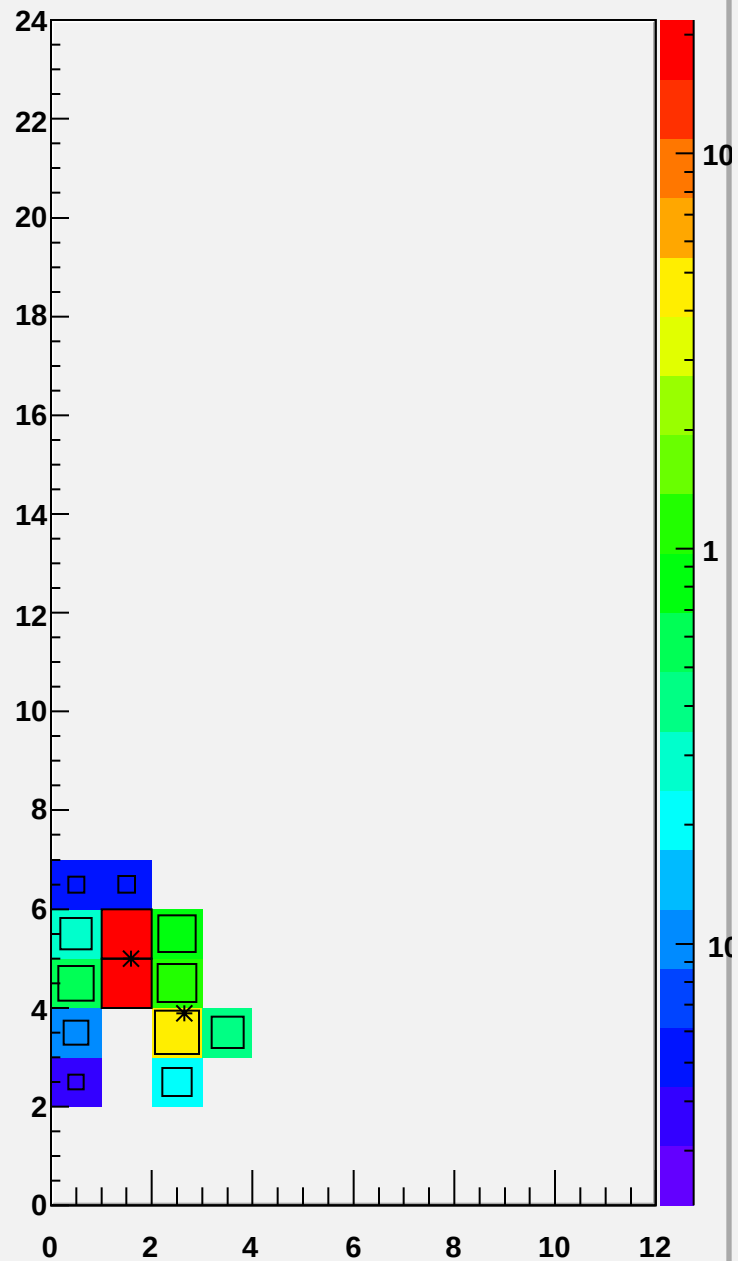
Fitted Energies



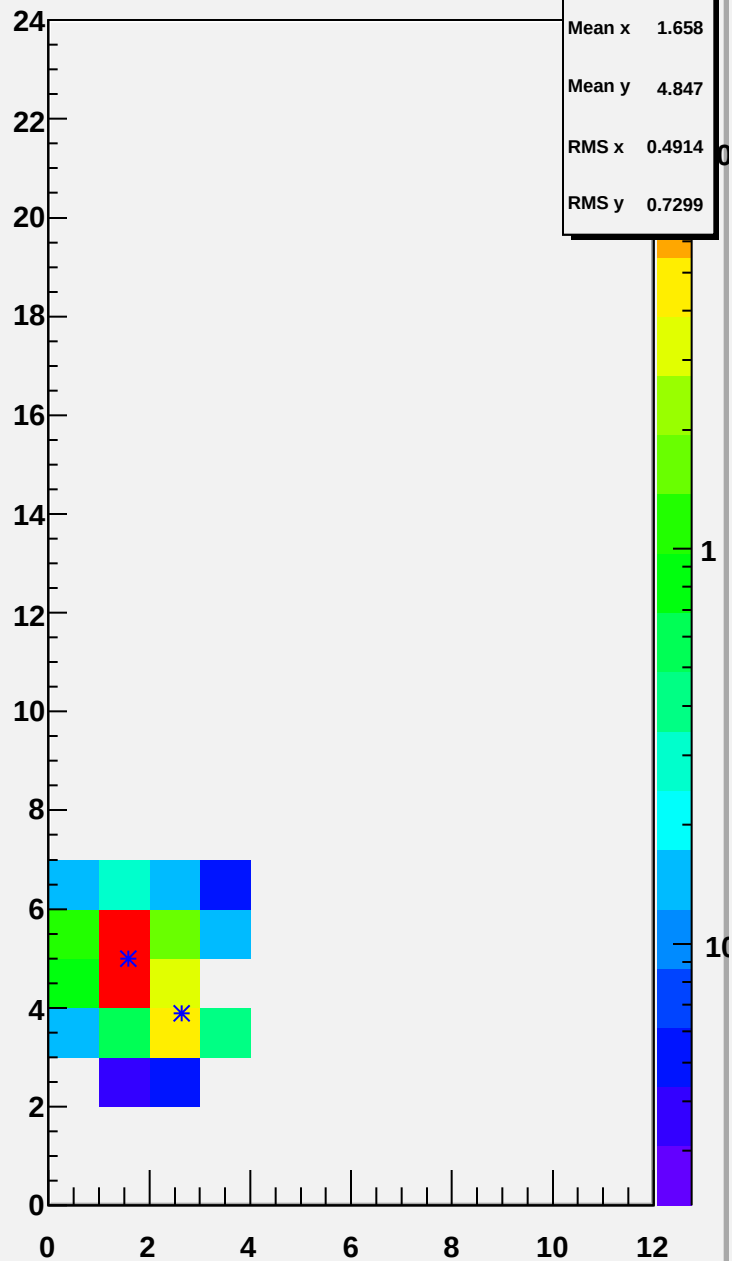
Efit

Entries	288
Mean x	2.001
Mean y	4.551
RMS x	0.5943
RMS y	1.006

NSTB3_r4_c3_En=51.6_m0=0.157 m1=0.156 index=2159



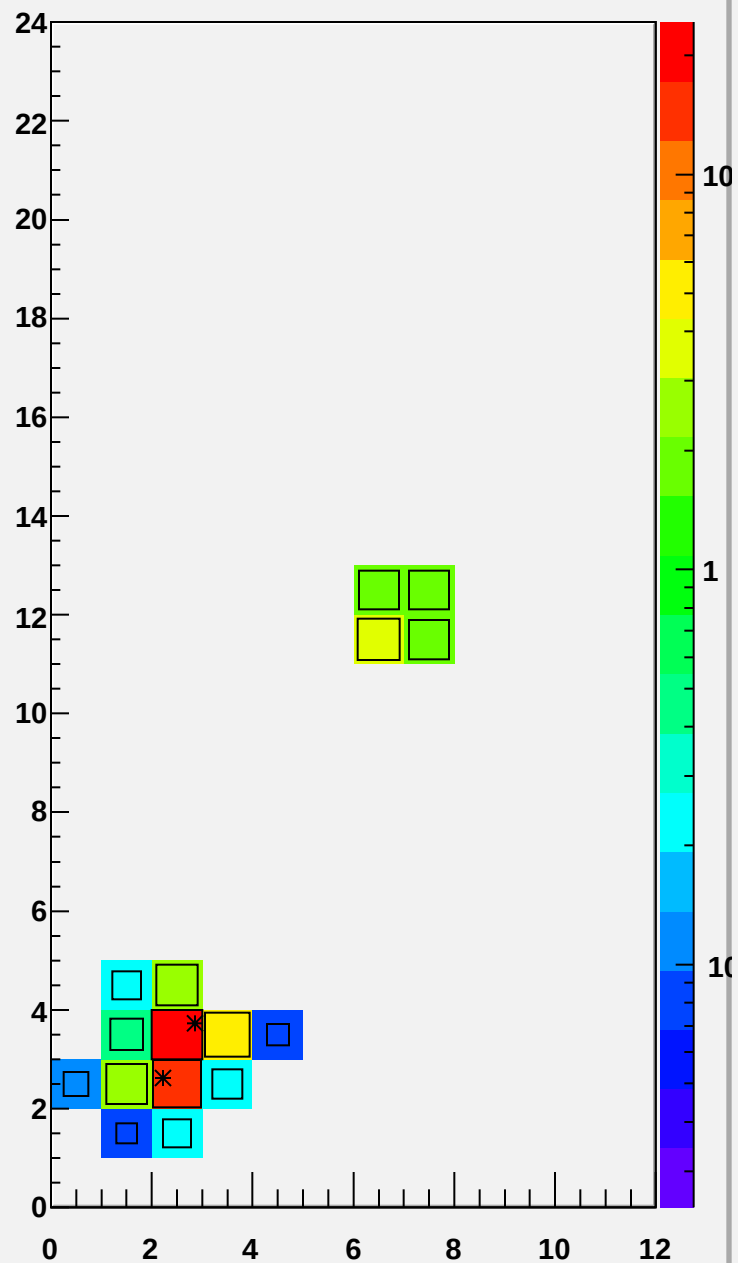
Fitted Energies



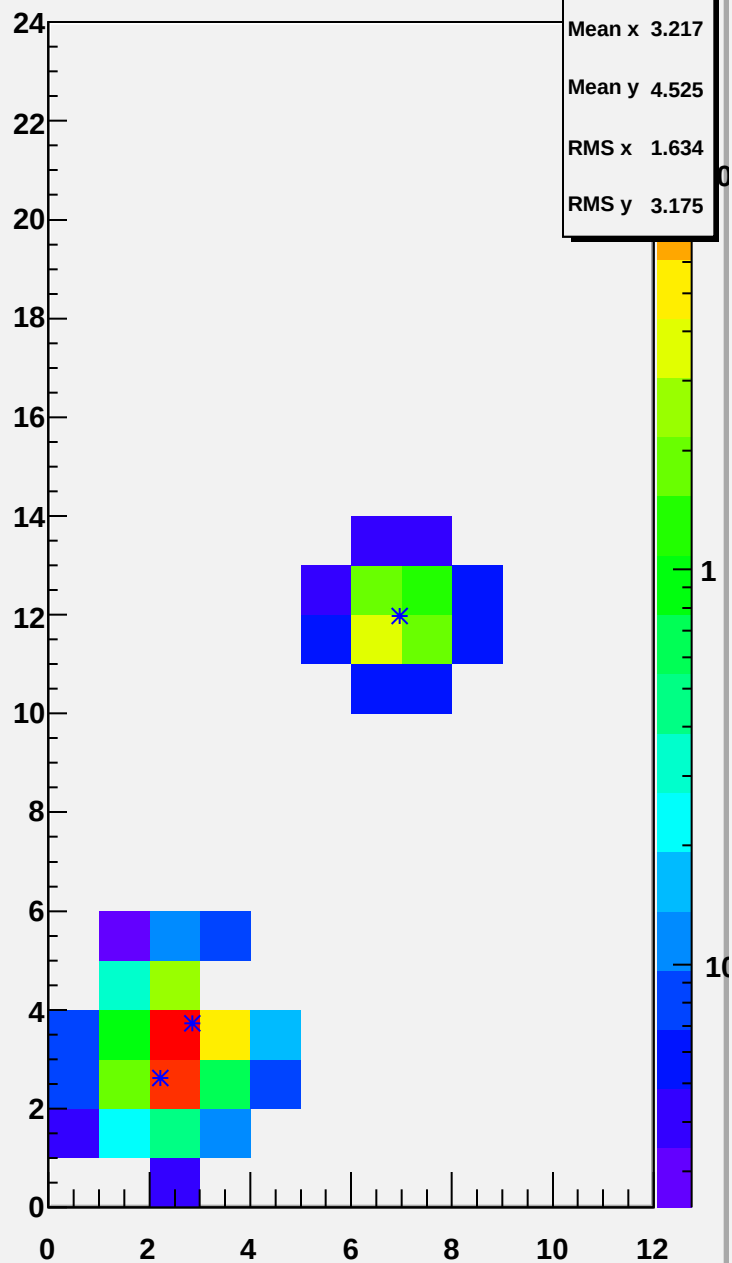
Efit

Entries	288
Mean x	1.658
Mean y	4.847
RMS x	0.4914
RMS y	0.7299

NSTB3_r4_c3_En=58.9_m0=0.172 m1=0.172 index=2160



Fitted Energies



Efit

Entries 288

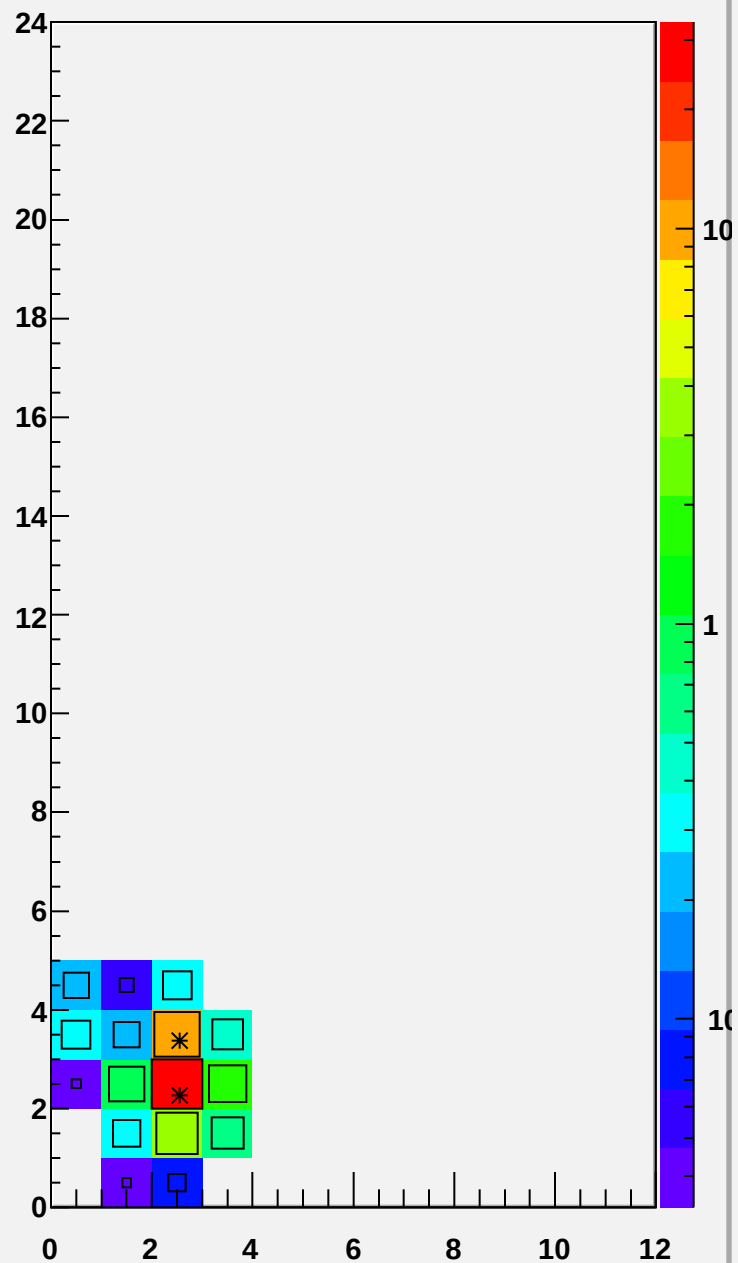
Mean x 3.217

Mean y 4.525

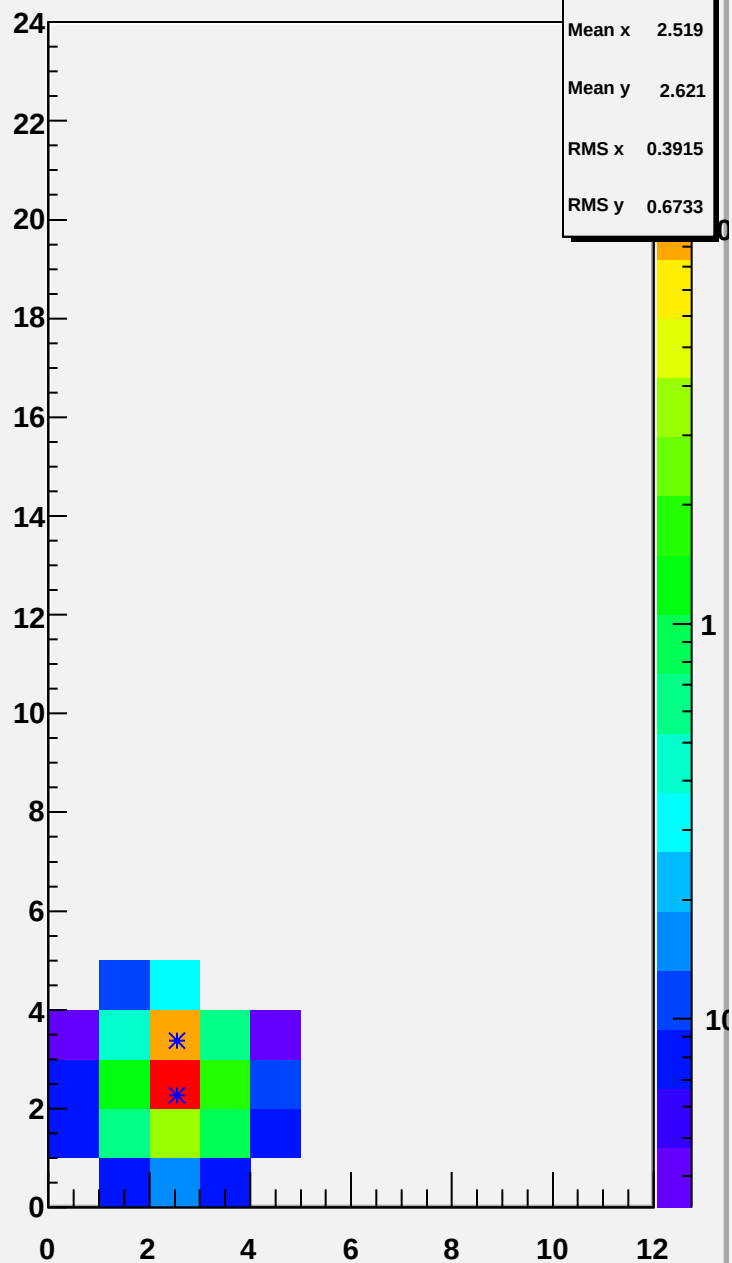
RMS x 1.634

RMS y 3.175

NSTB3_r4_c3_En=52.2_m0=0.130 m1=0.130 index=2162



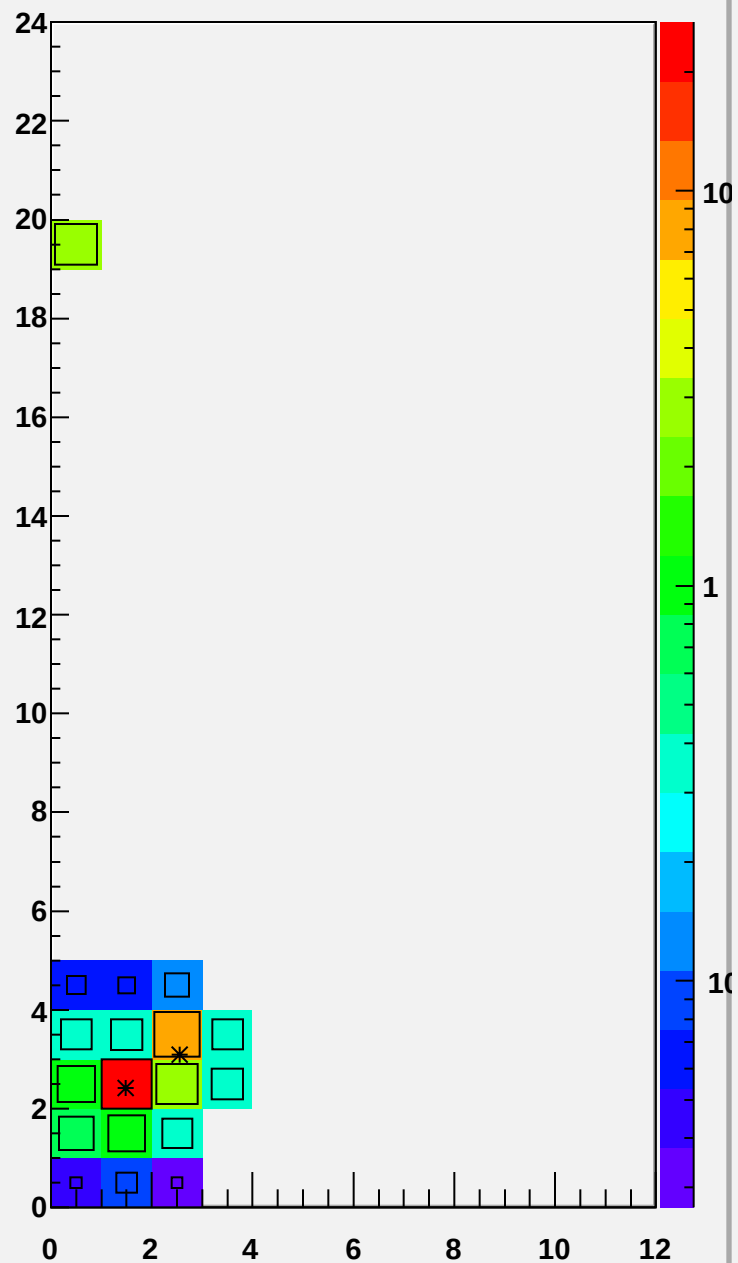
Fitted Energies



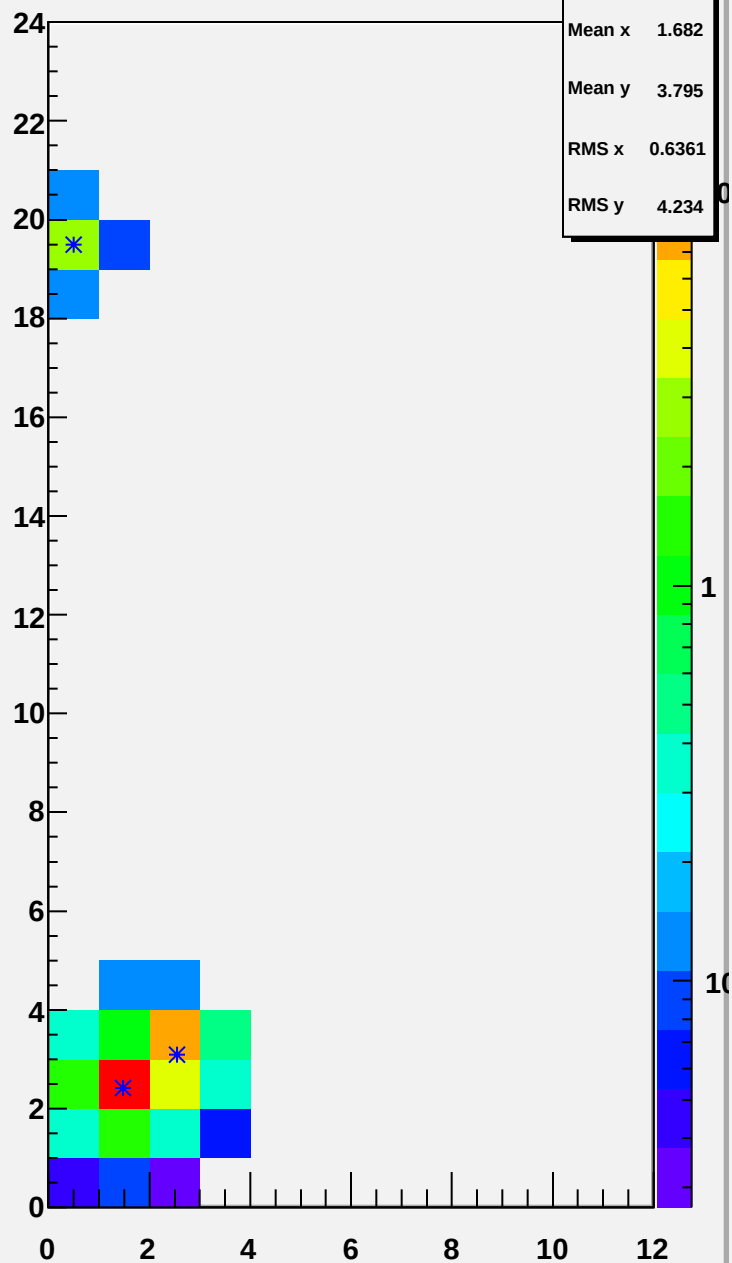
Efit

Entries	288
Mean x	2.519
Mean y	2.621
RMS x	0.3915
RMS y	0.6733

NSTB3_r4_c3_En=45.3_m0=0.135 m1=0.136 index=2163



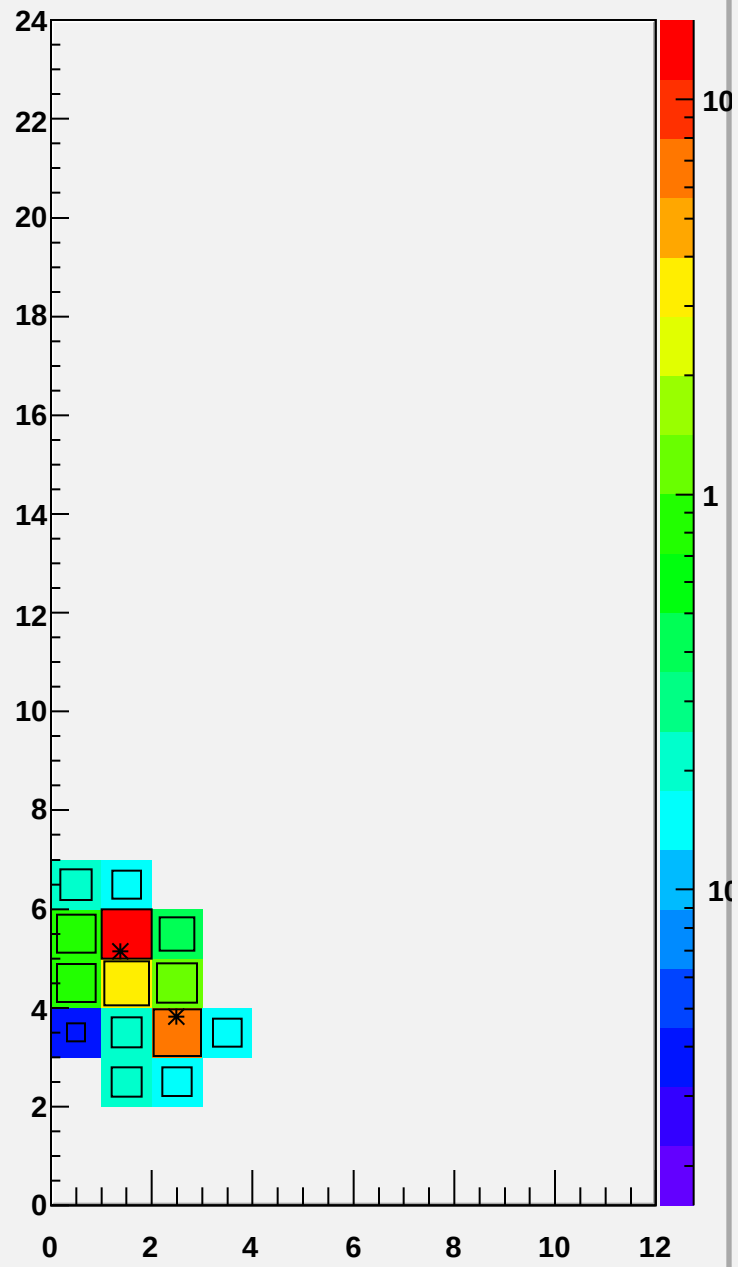
Fitted Energies



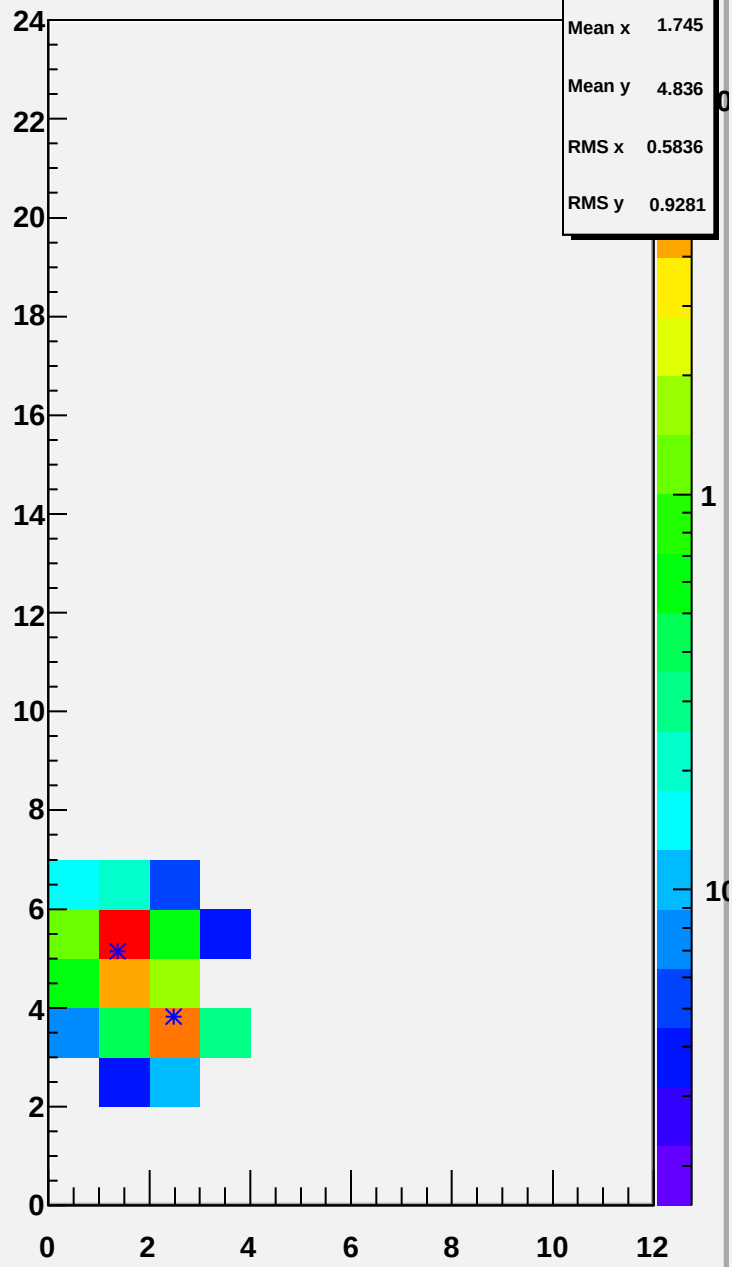
Efit

Entries	288
Mean x	1.682
Mean y	3.795
RMS x	0.6361
RMS y	4.234

NSTB3_r4_c3_En=31.4_m0=0.140 m1=0.140 index=2164



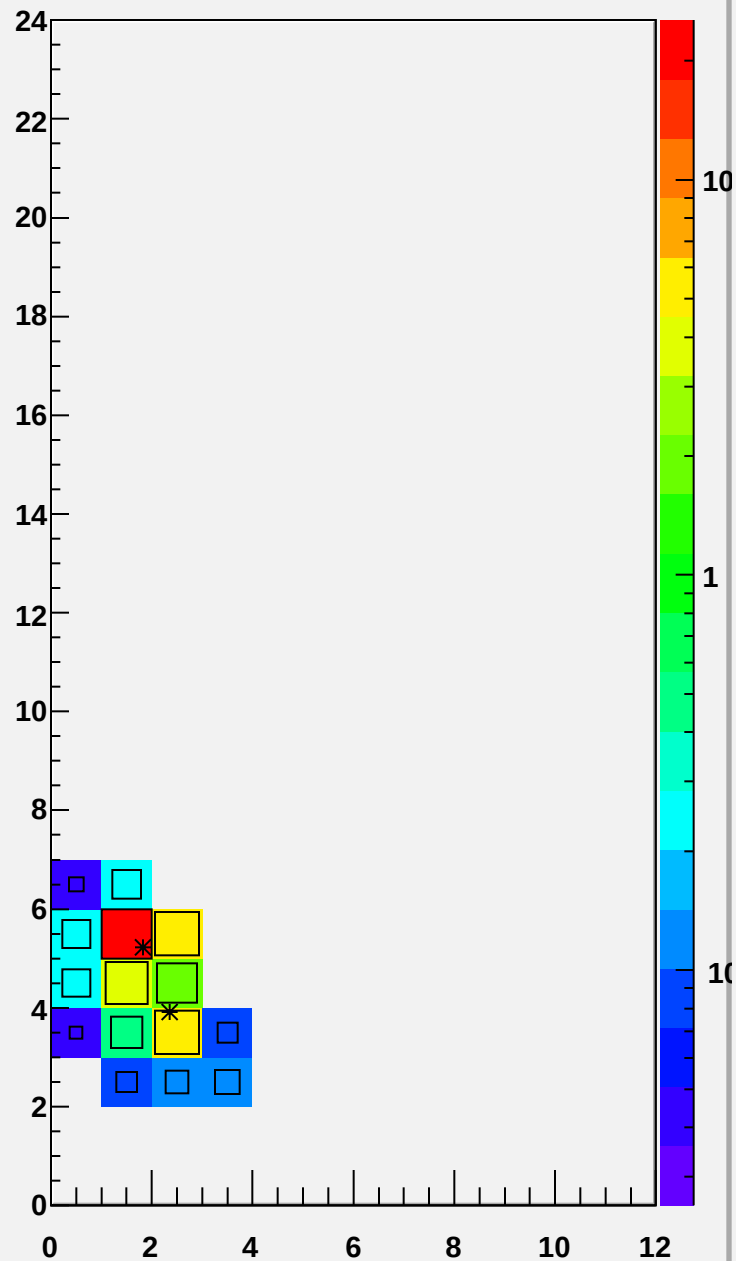
Fitted Energies



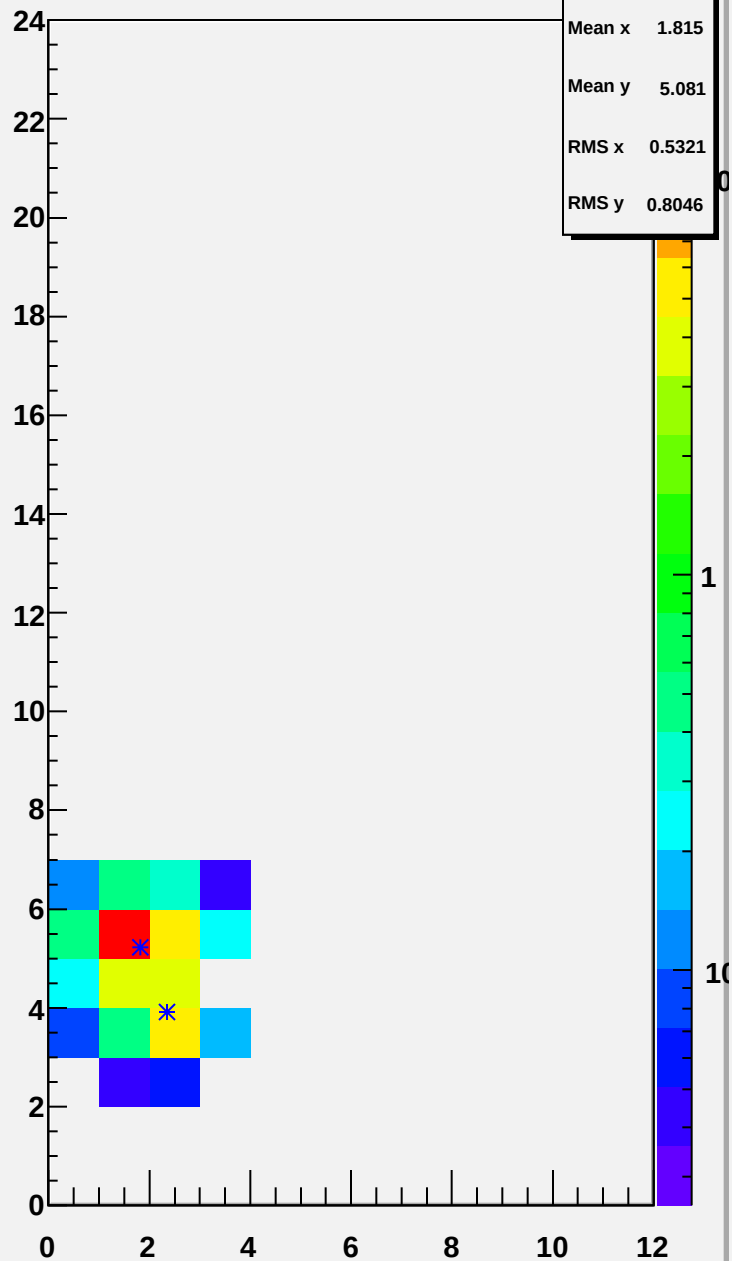
Efit

Entries	288
Mean x	1.745
Mean y	4.836
RMS x	0.5836
RMS y	0.9281

NSTB3_r4_c3_En=42.7_m0=0.142 m1=0.141 index=2165



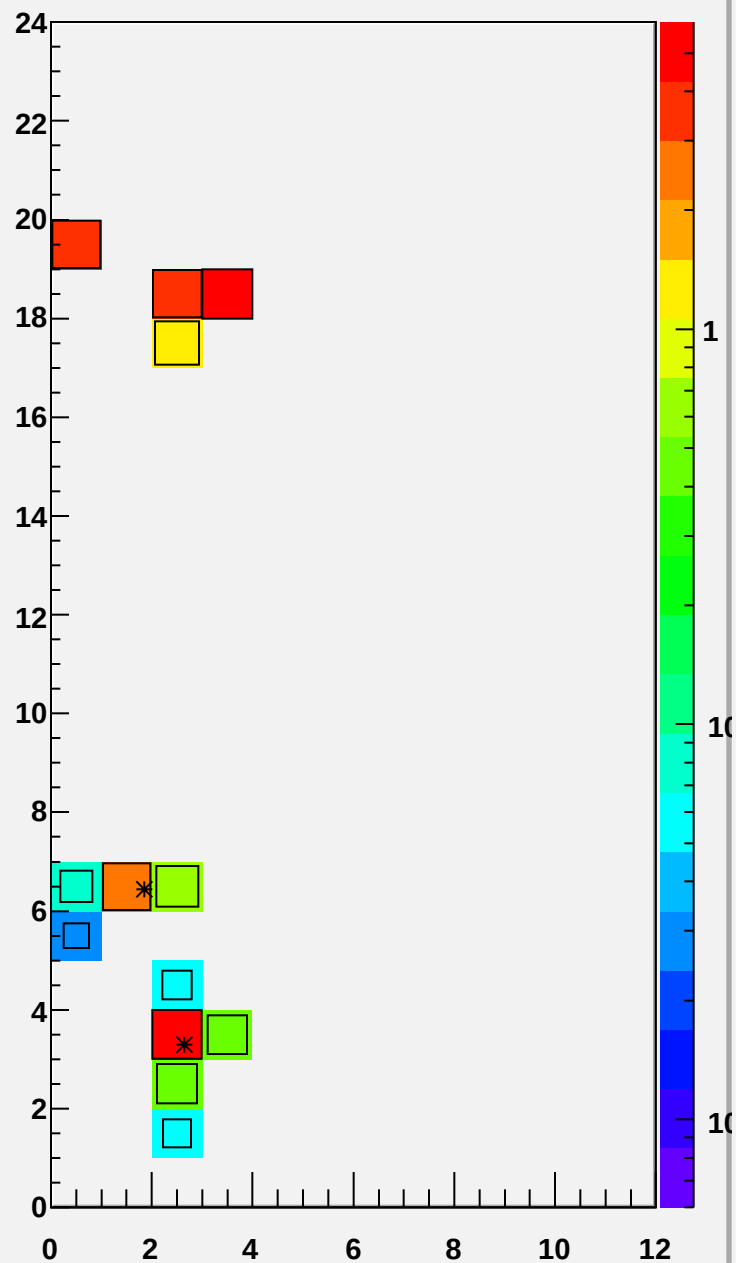
Fitted Energies



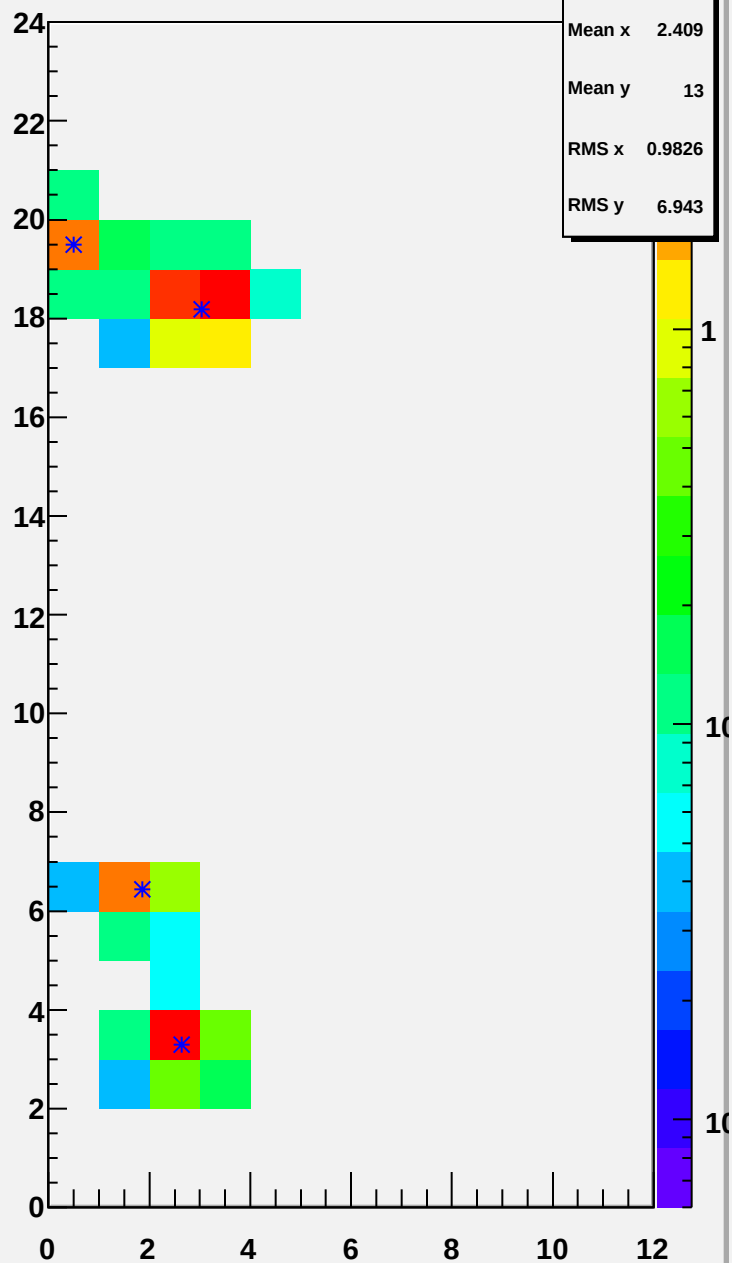
Efit

Entries	288
Mean x	1.815
Mean y	5.081
RMS x	0.5321
RMS y	0.8046

NSTB3_r4_c3_En=24.0_m0=0.093 m1=0.093 index=2167



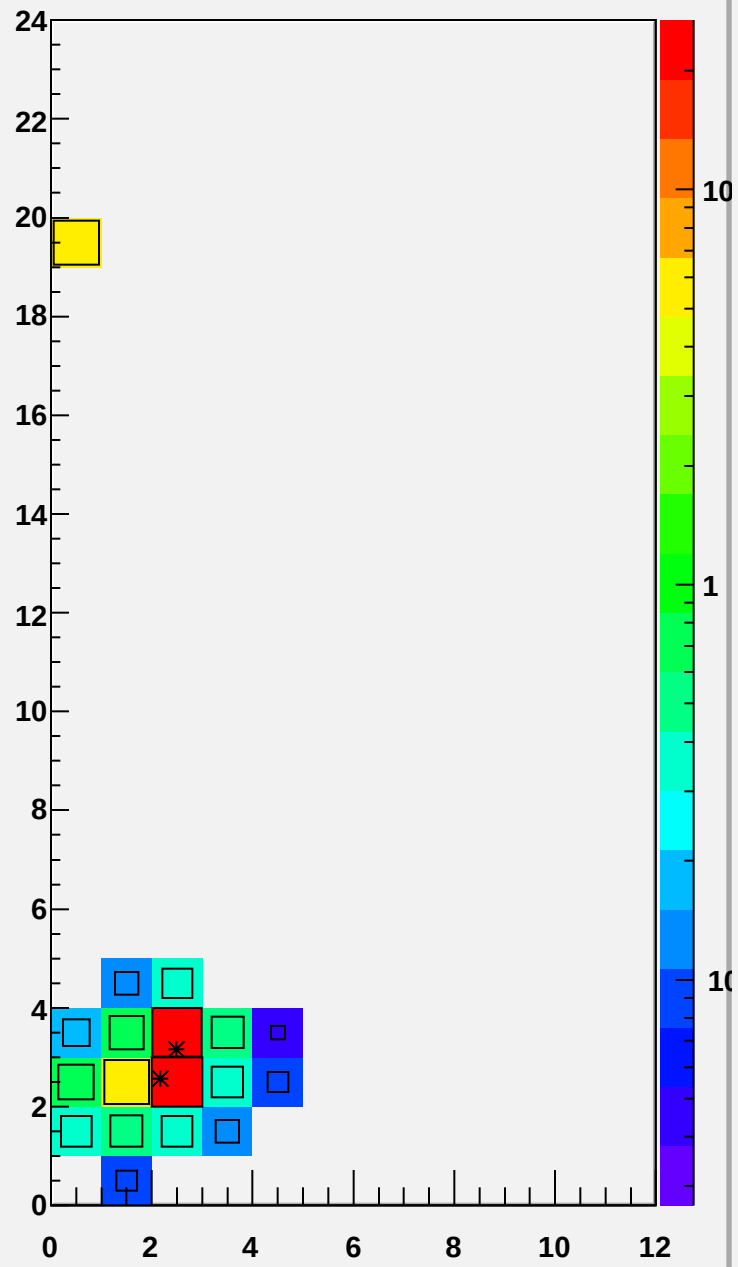
Fitted Energies



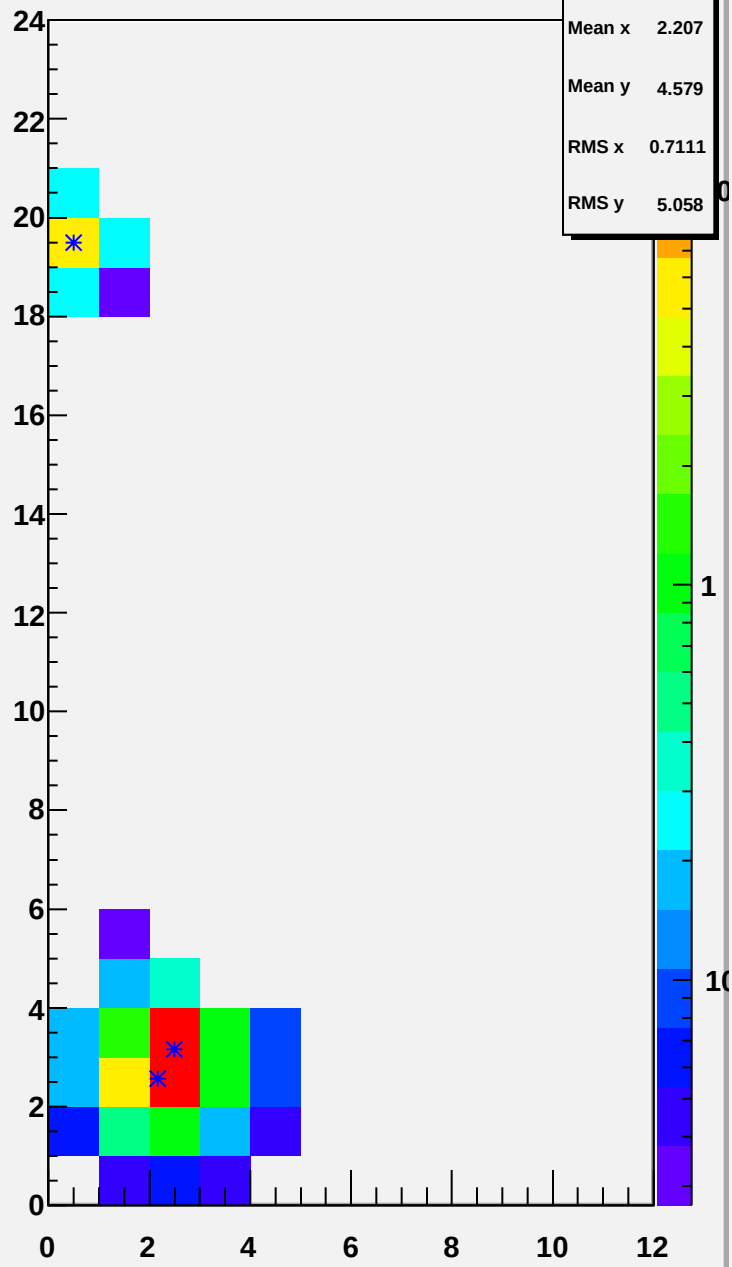
Efit

Entries	288
Mean x	2.409
Mean y	13
RMS x	0.9826
RMS y	6.943

NSTB3_r4_c3_En=64.8_m0=0.107 m1=0.107 index=2168



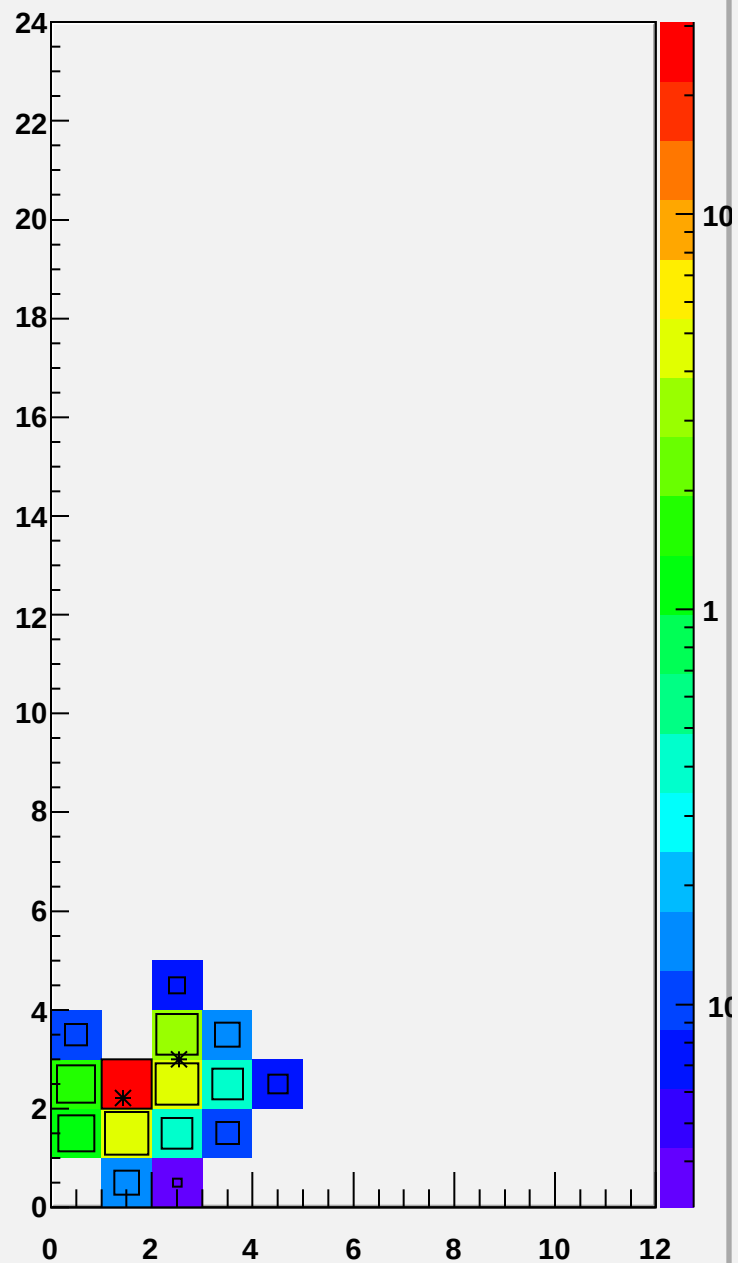
Fitted Energies



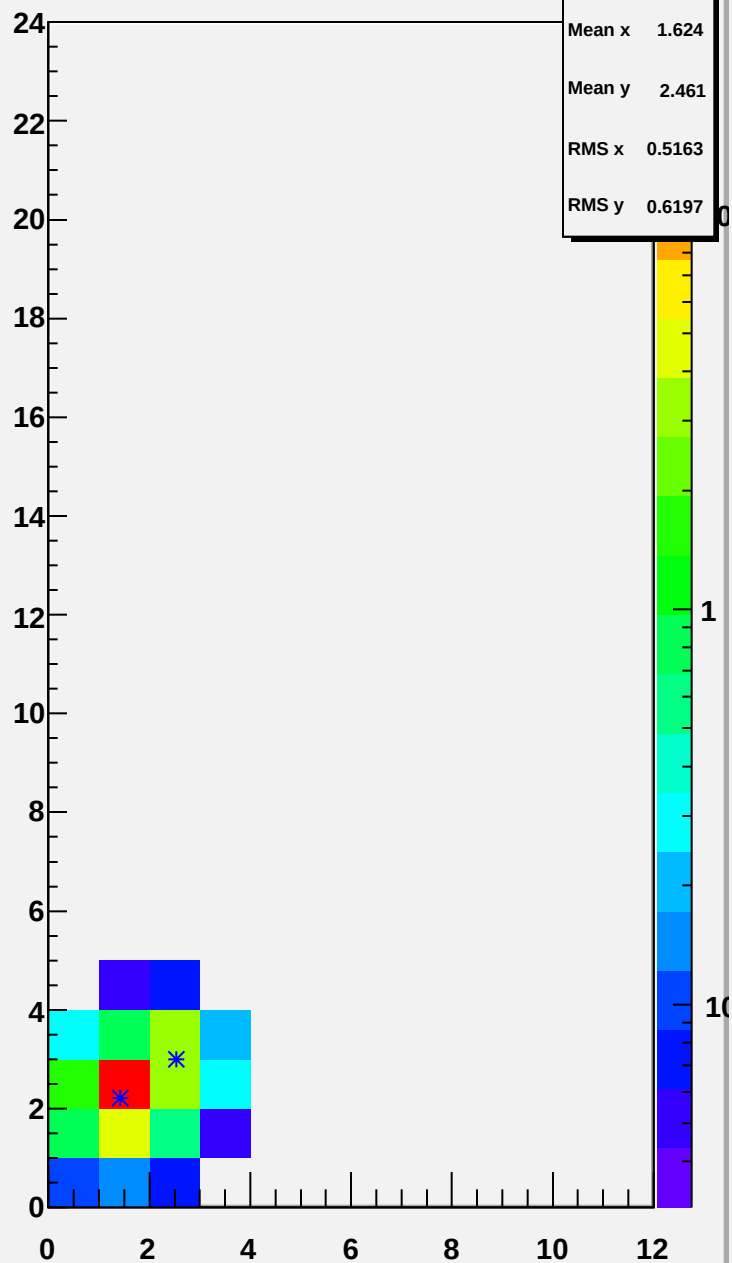
Efit

Entries	288
Mean x	2.207
Mean y	4.579
RMS x	0.7111
RMS y	5.058

NSTB3_r4_c3_En=46.6_m0=0.124 m1=0.125 index=2169



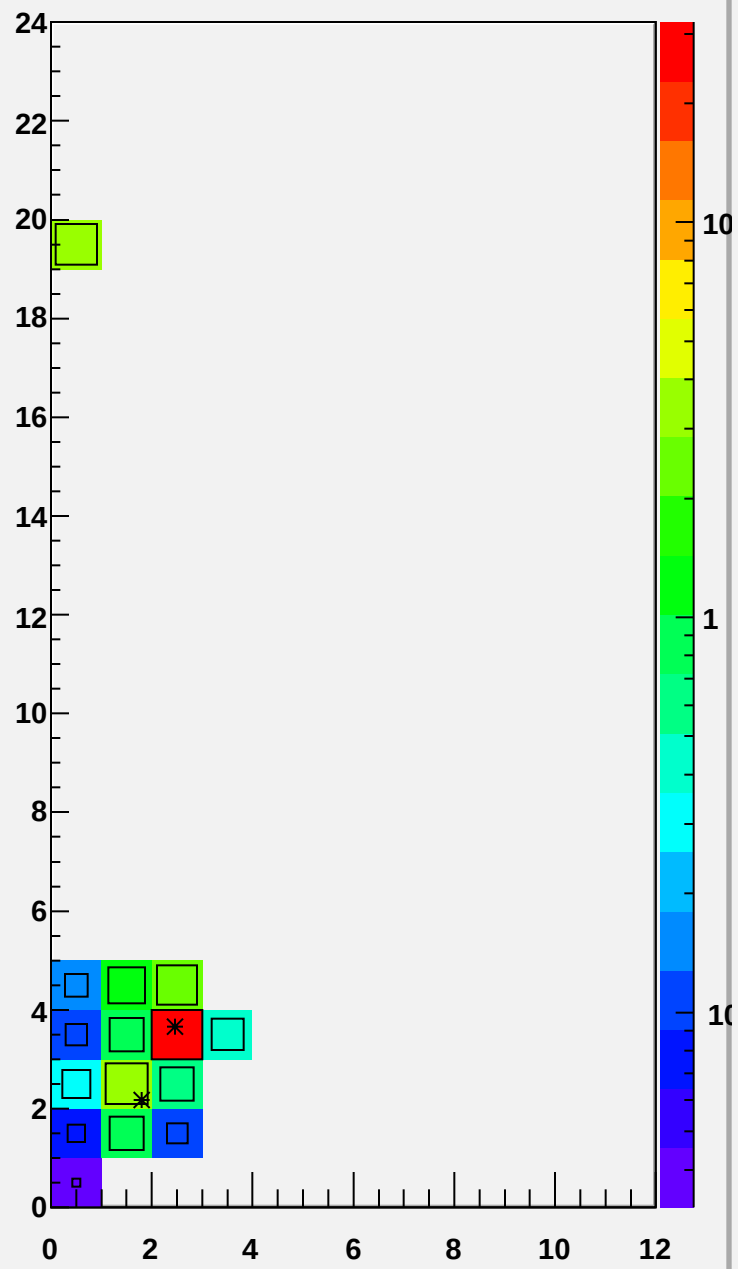
Fitted Energies



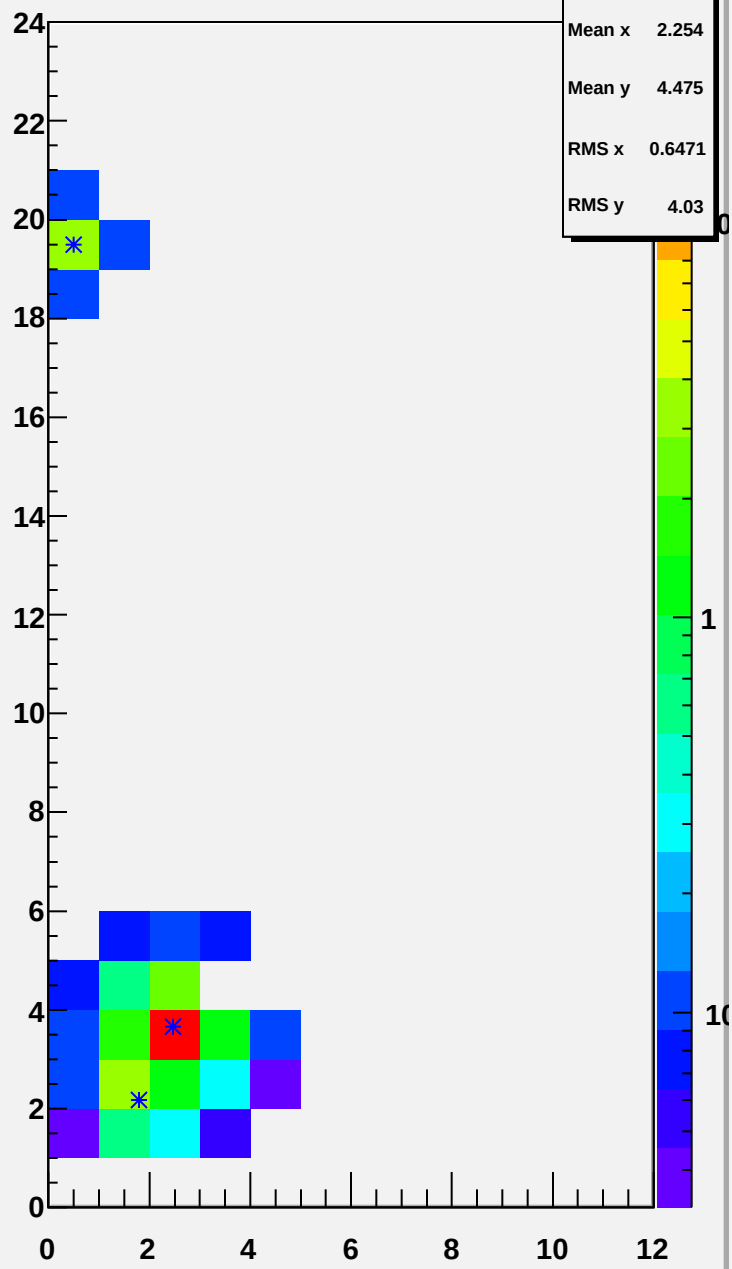
Efit

Entries	288
Mean x	1.624
Mean y	2.461
RMS x	0.5163
RMS y	0.6197

NSTB3_r4_c3_En=46.1_m0=0.131 m1=0.131 index=2170



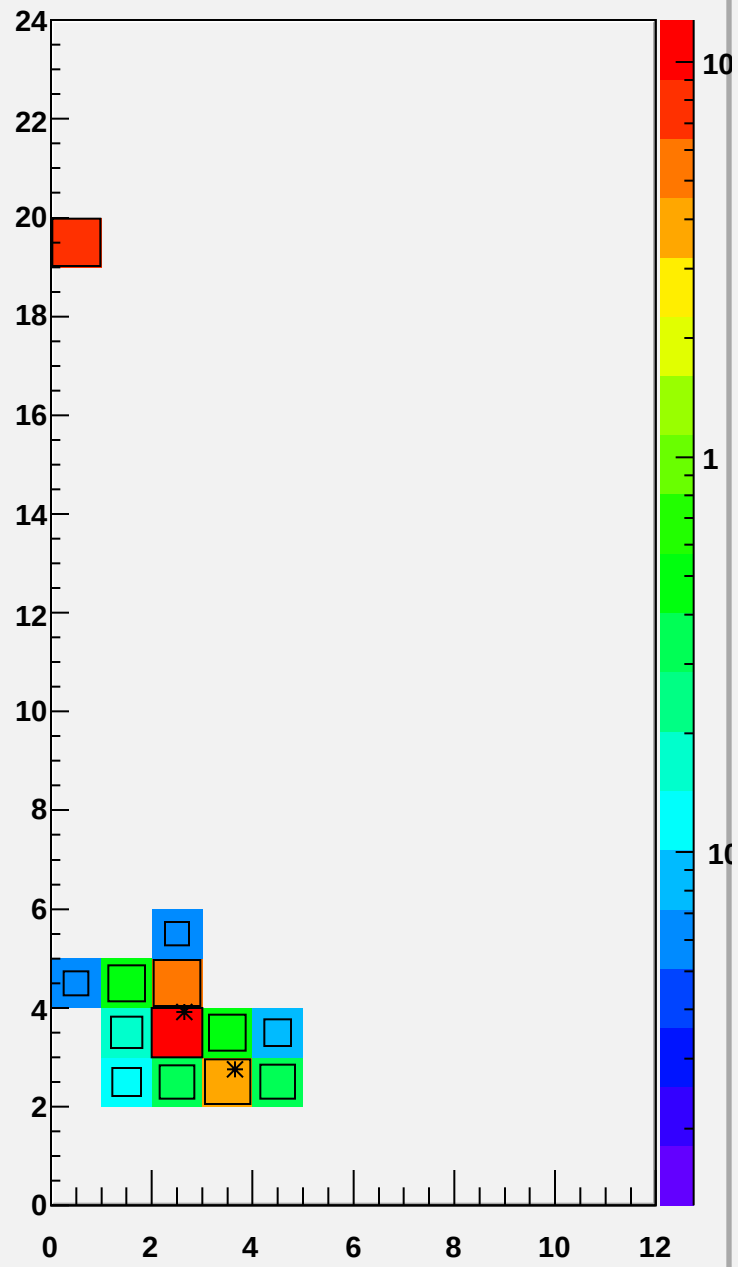
Fitted Energies



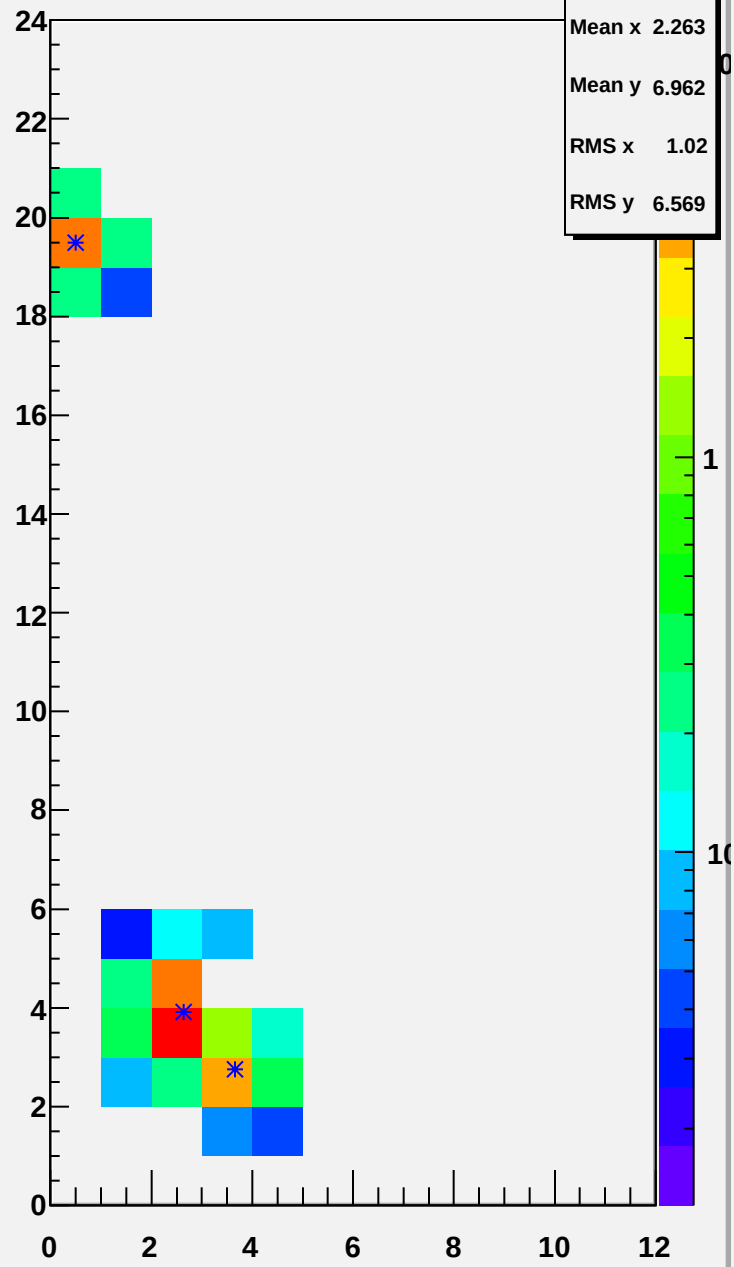
Efit

Entries	288
Mean x	2.254
Mean y	4.475
RMS x	0.6471
RMS y	4.03

NSTB3_r4_c3_En=29.8_m0=0.083_m1=0.083_index=2171



Fitted Energies



Efit

Entries 288

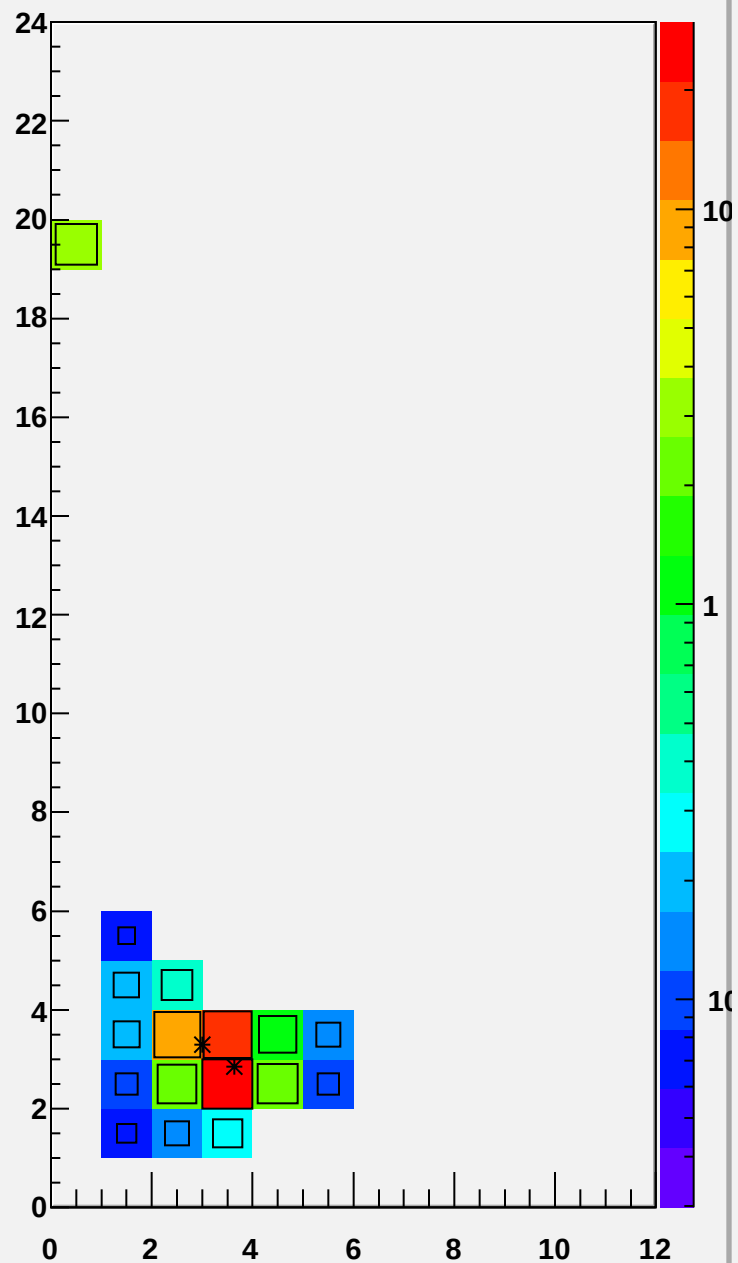
Mean x 2.263

Mean y 6.962

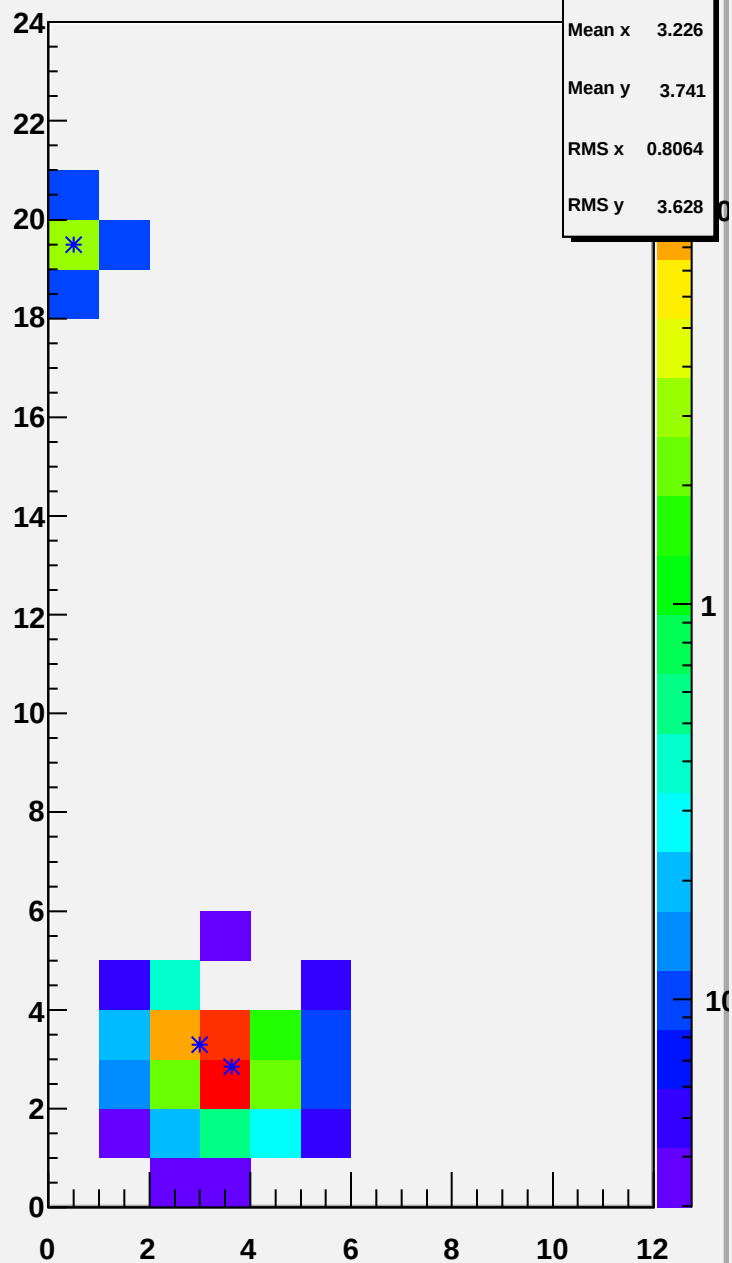
RMS x 1.02

RMS y 6.569

NSTB3_r4_c3_En=64.7_m0=0.123 m1=0.124 index=2172



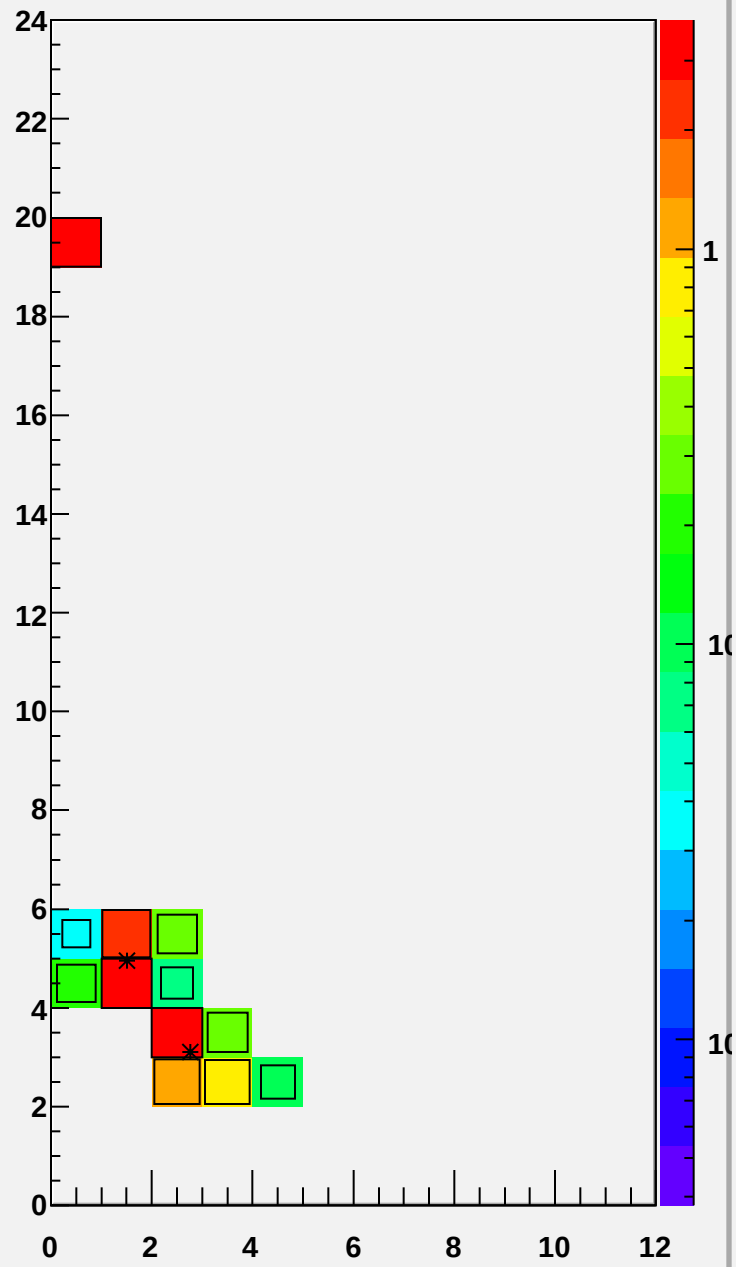
Fitted Energies



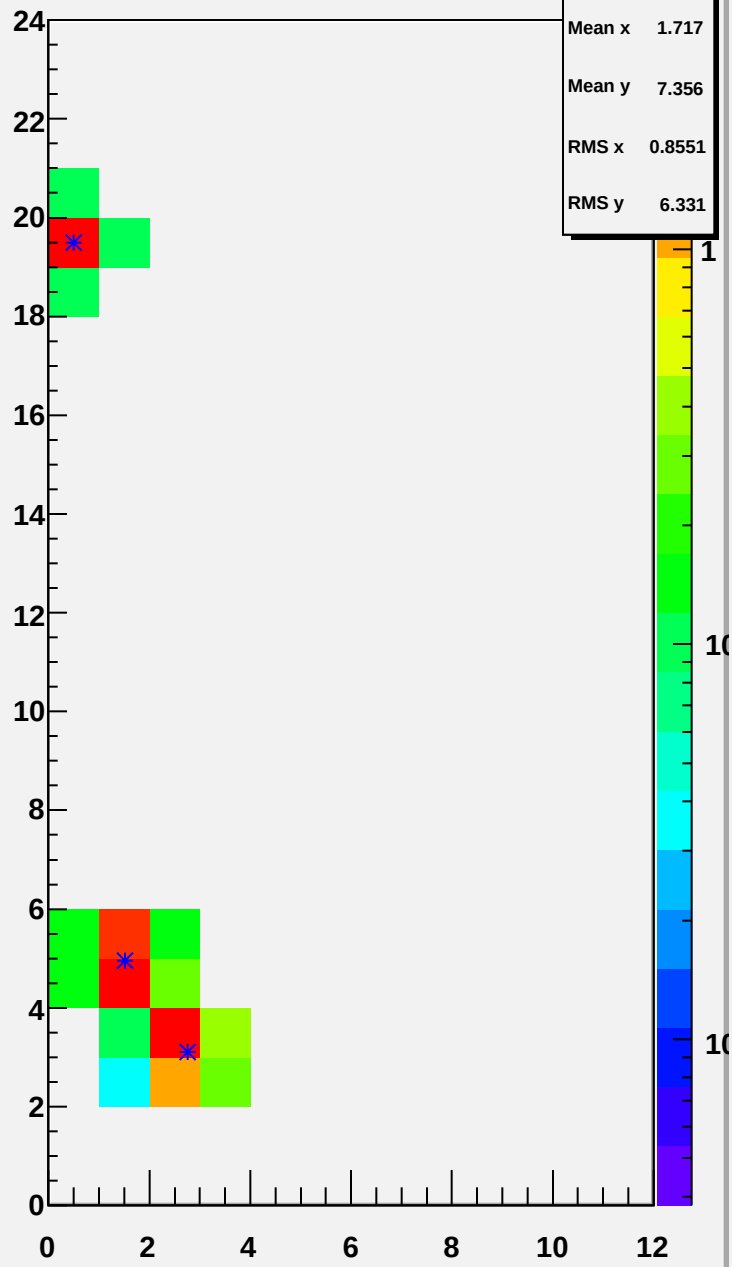
Efit

Entries	288
Mean x	3.226
Mean y	3.741
RMS x	0.8064
RMS y	3.628

NSTB3_r4_c3_En=15.5_m0=0.077 m1=0.077 index=2173



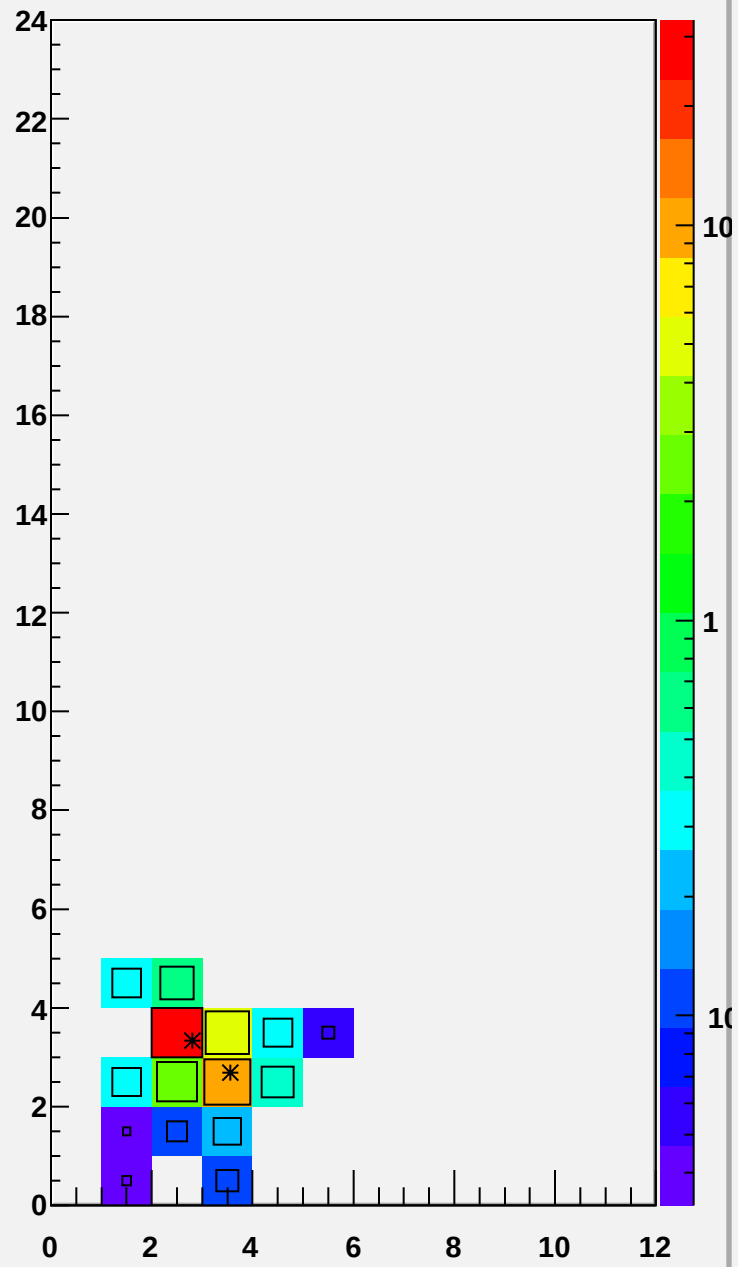
Fitted Energies



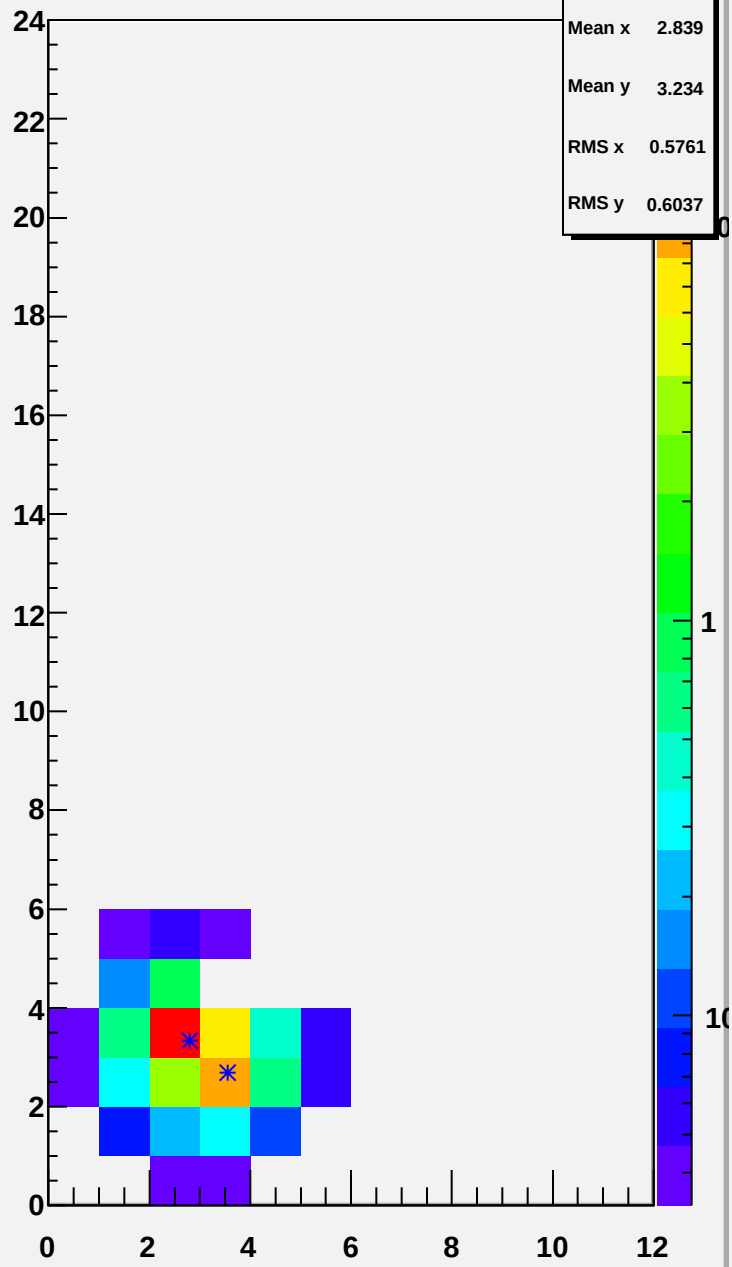
Efit

Entries	288
Mean x	1.717
Mean y	7.356
RMS x	0.8551
RMS y	6.331

NSTB3_r4_c3_En=54.3_m0=0.130 m1=0.131 index=2174



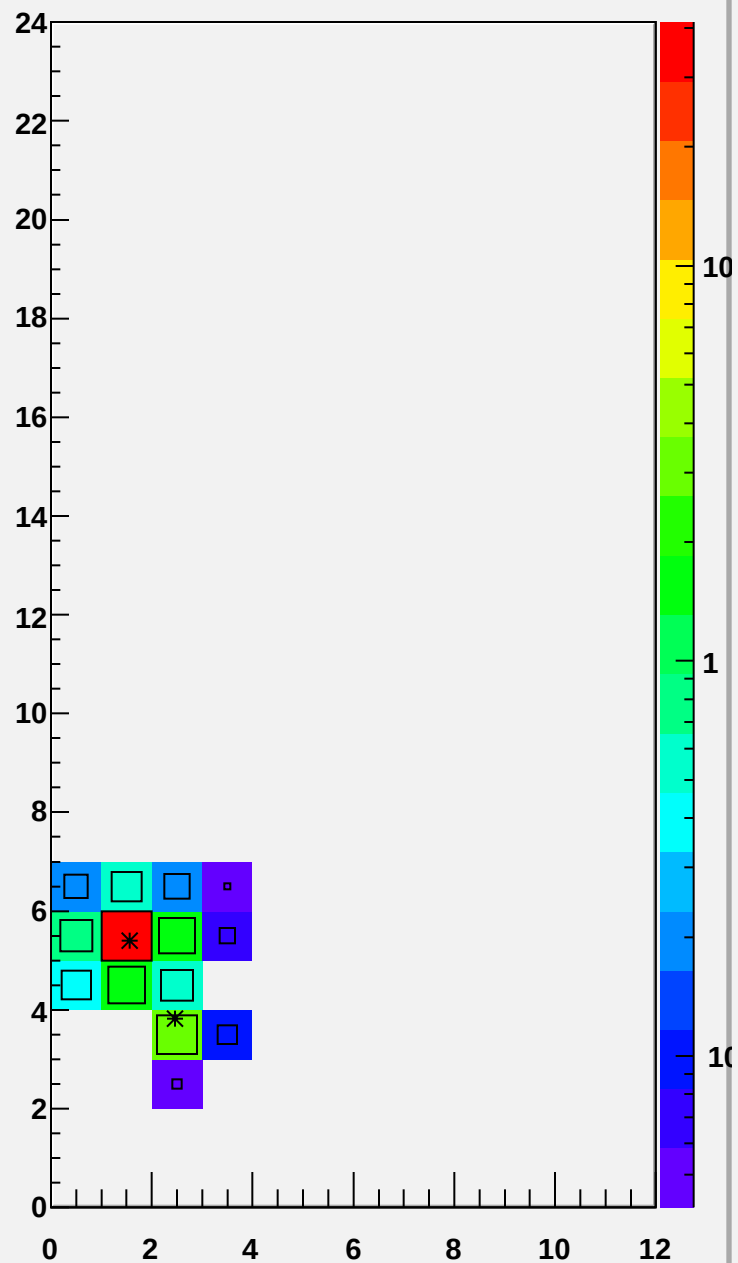
Fitted Energies



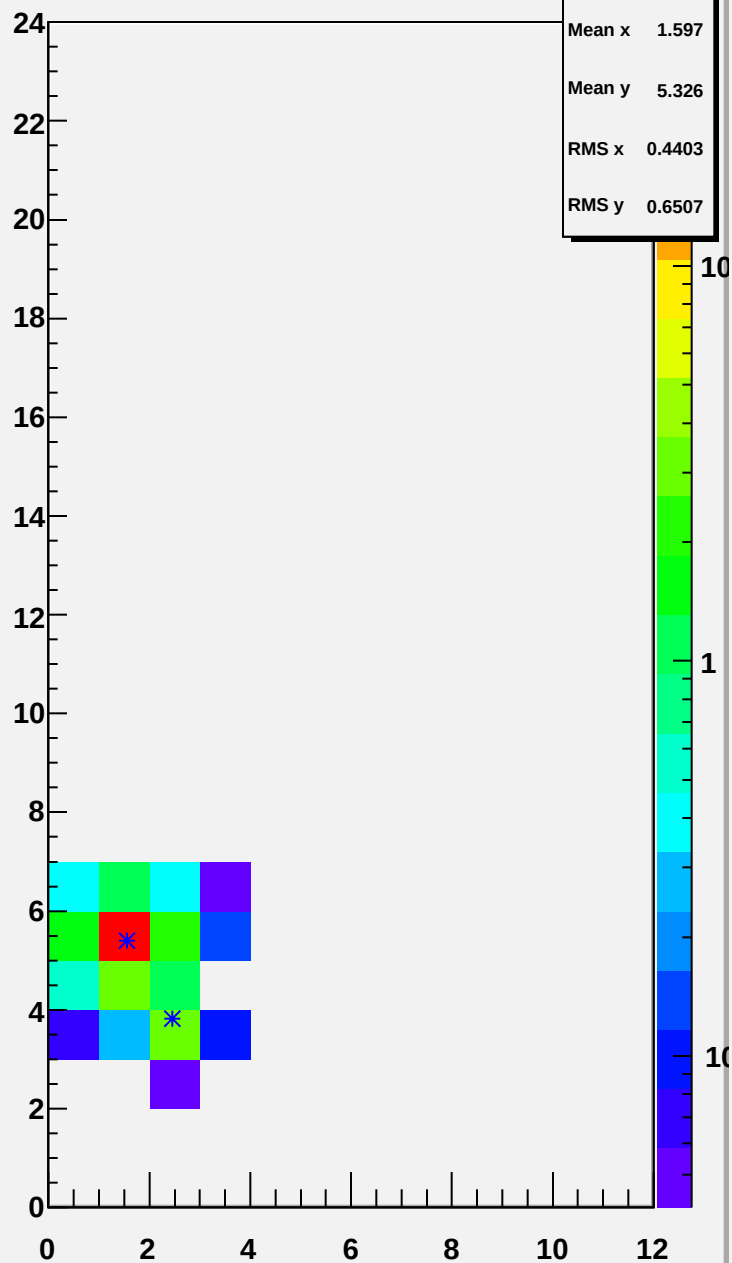
Efit

Entries	288
Mean x	2.839
Mean y	3.234
RMS x	0.5761
RMS y	0.6037

NSTB3_r4_c3_En=50.5_m0=0.146 m1=0.146 index=2175



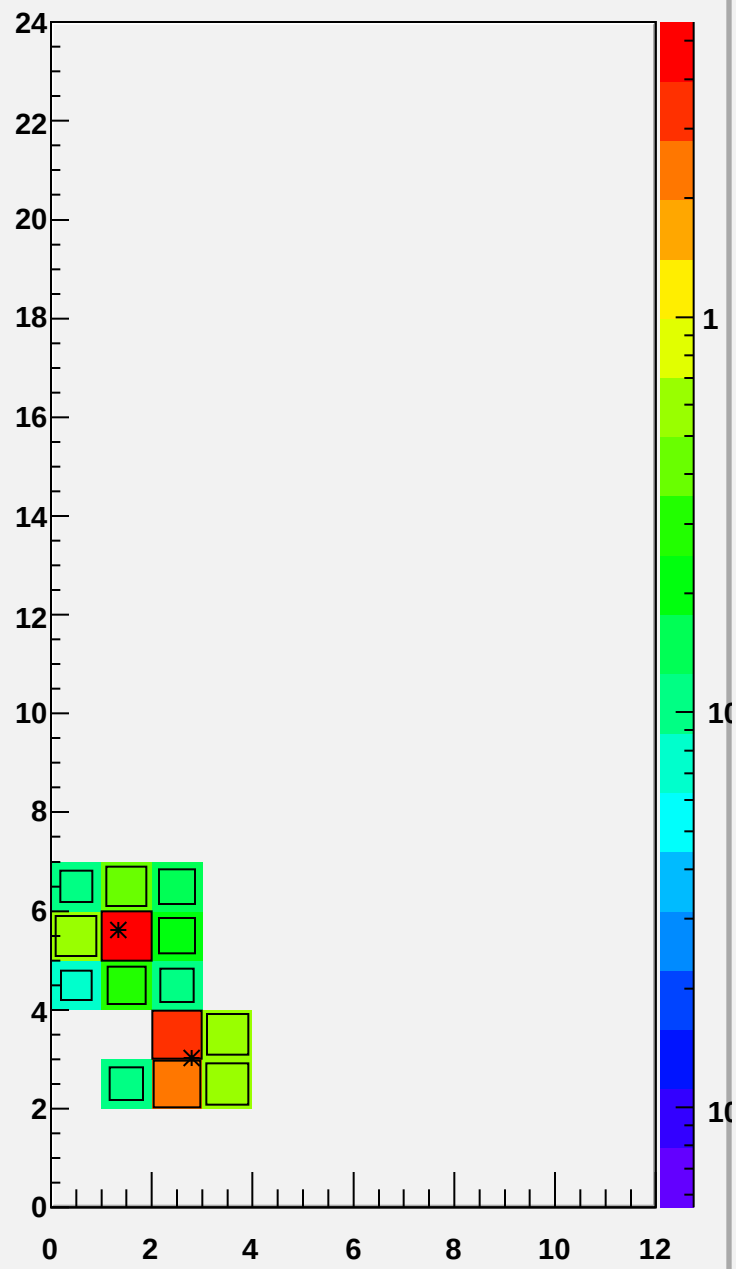
Fitted Energies



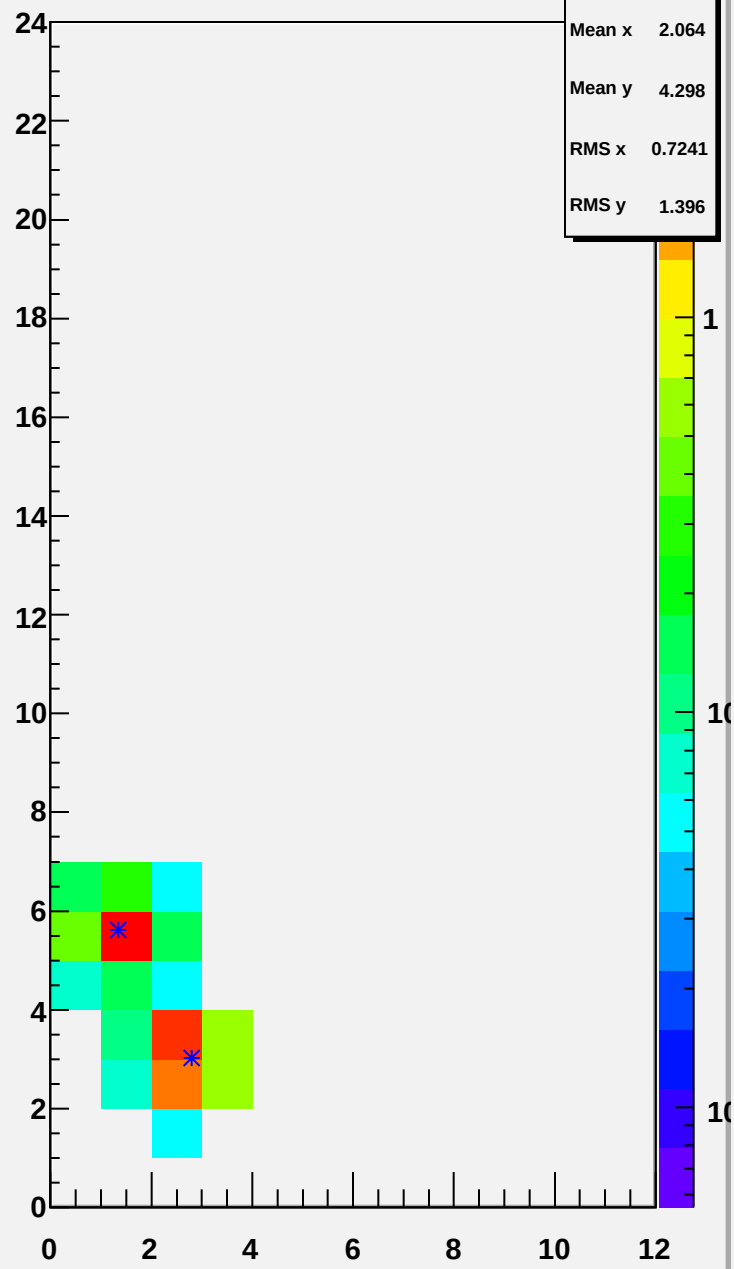
Efit

Entries	288
Mean x	1.597
Mean y	5.326
RMS x	0.4403
RMS y	0.6507

NSTB3_r4_c3_En=14.9_m0=0.123 m1=0.123 index=2176



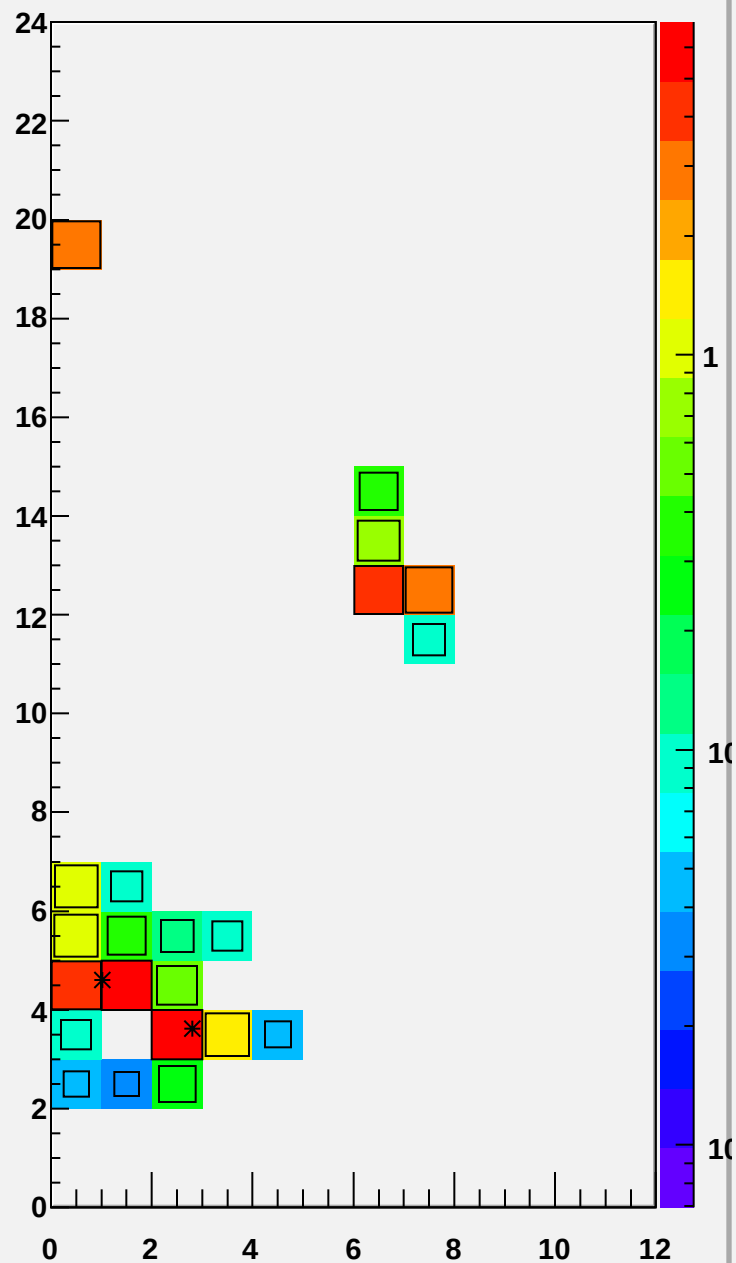
Fitted Energies



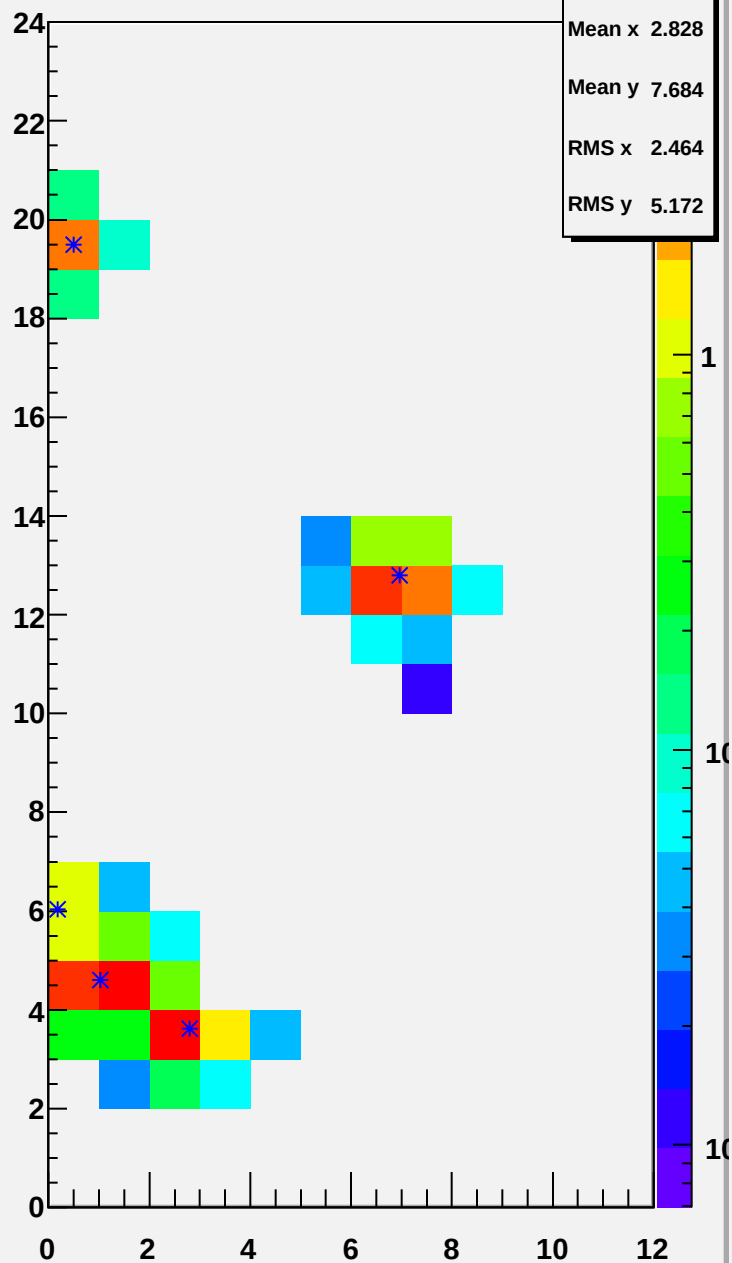
Efit

Entries	288
Mean x	2.064
Mean y	4.298
RMS x	0.7241
RMS y	1.396

NSTB3_r4_c3_En=34.9_m0=0.123 m1=0.123 index=2177



Fitted Energies



Efit

Entries 288

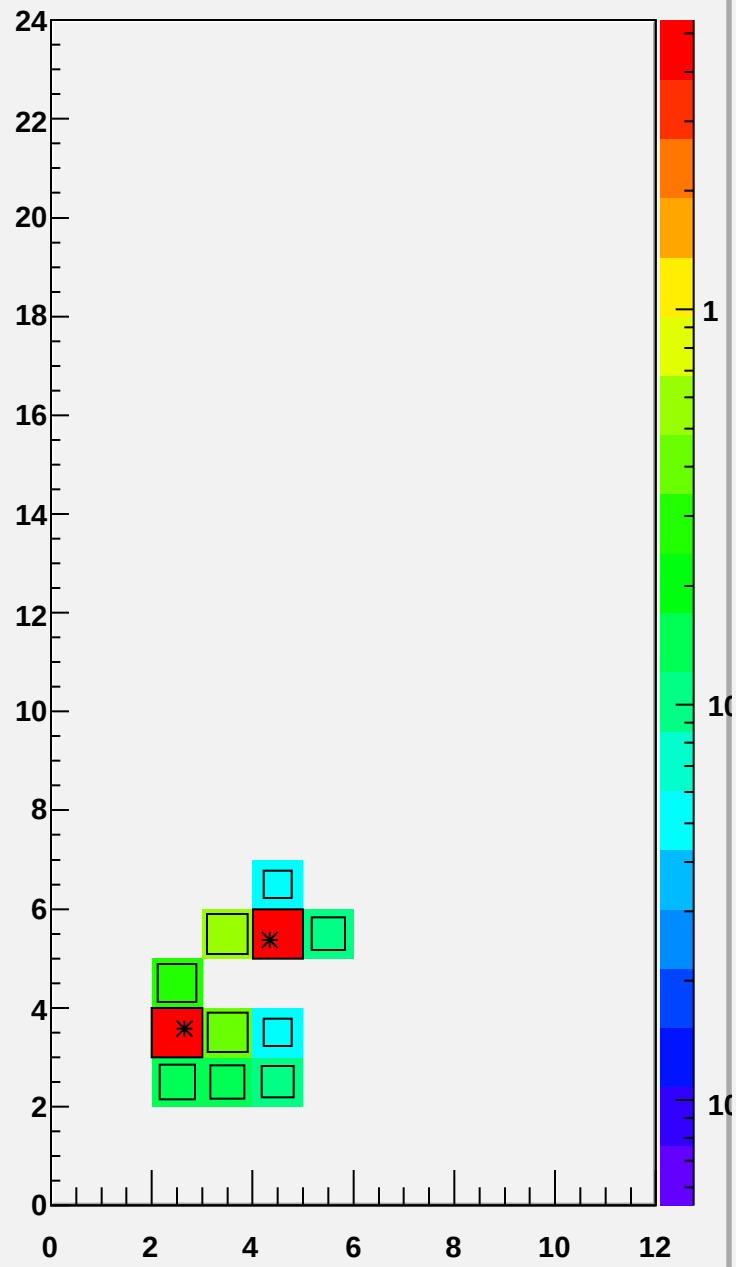
Mean x 2.828

Mean y 7.684

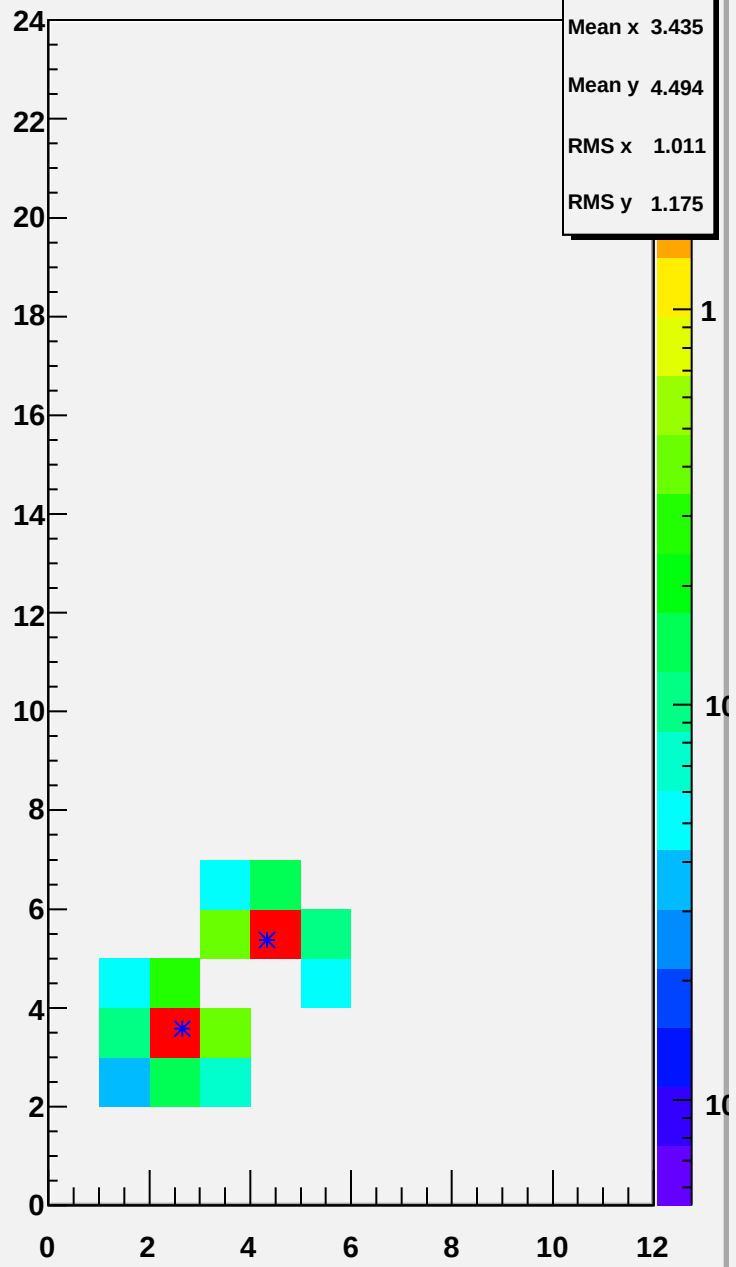
RMS x 2.464

RMS y 5.172

NSTB3_r4_c3_En=12.4_m0=0.089 m1=0.089 index=2179



Fitted Energies



Efit

Entries 288

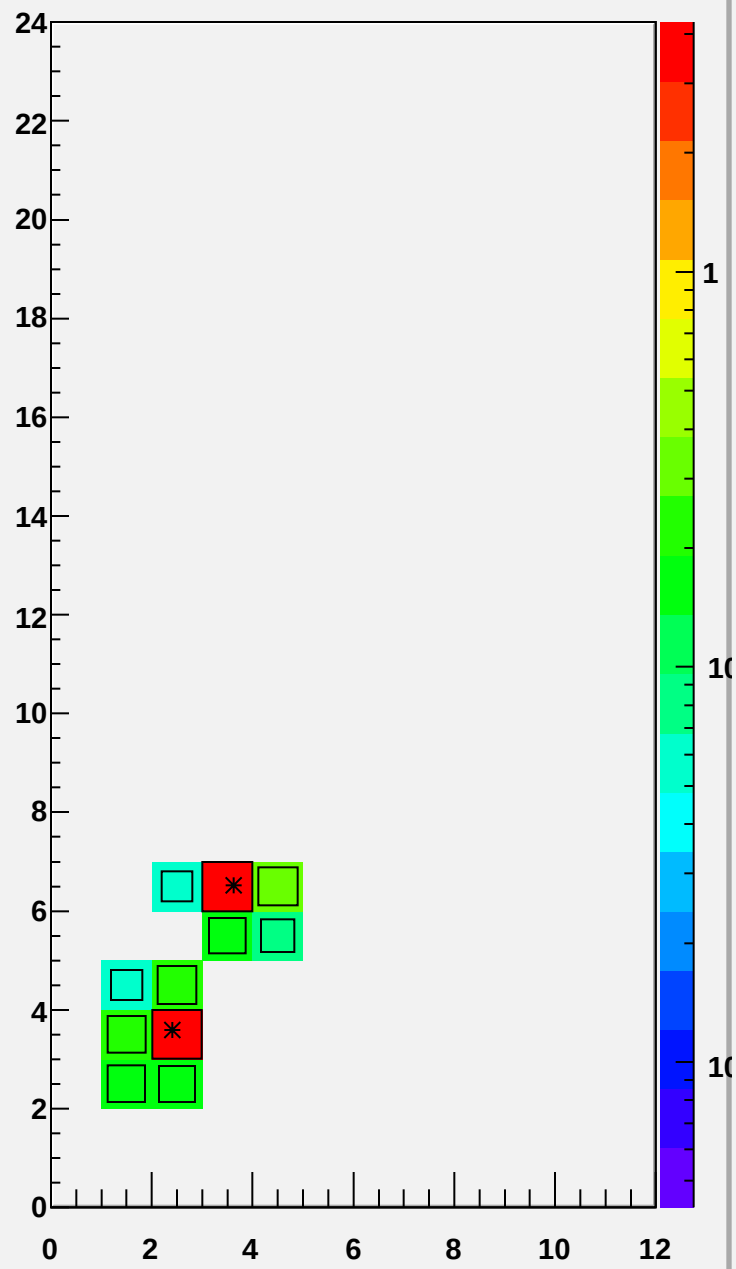
Mean x 3.435

Mean y 4.494

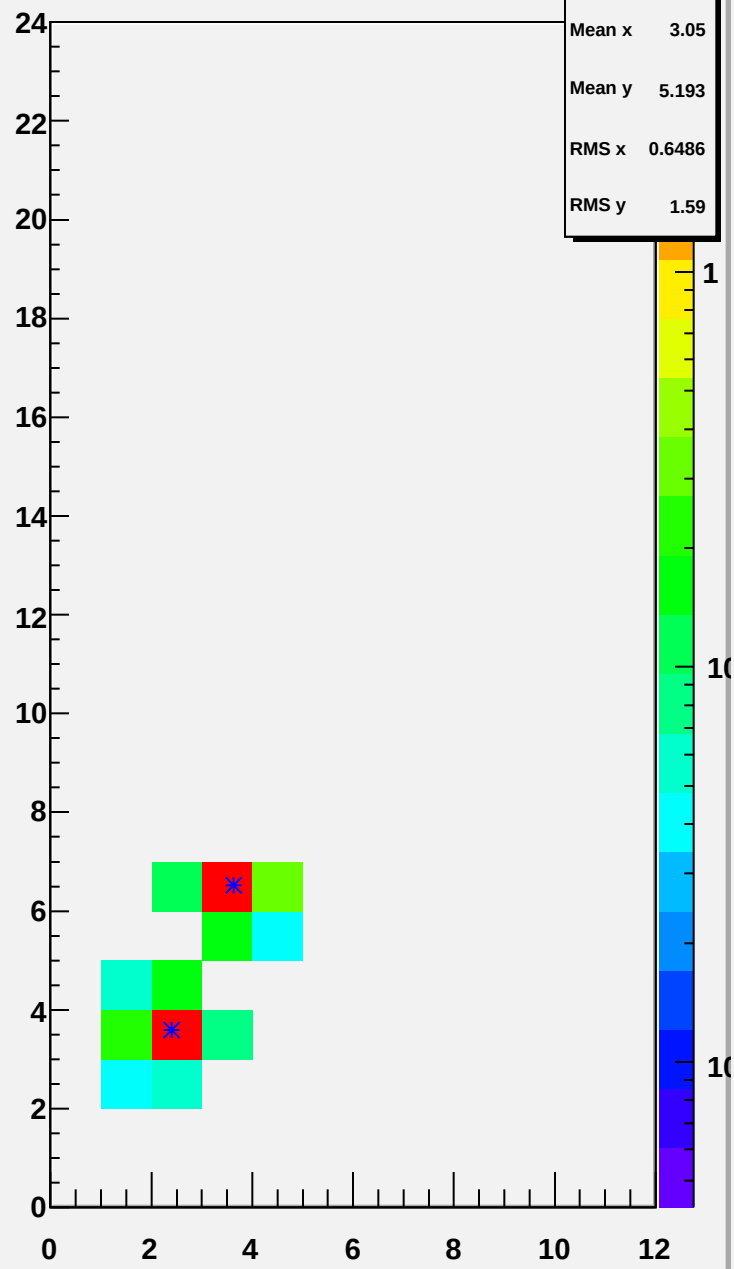
RMS x 1.011

RMS y 1.175

NSTB3_r4_c3_En= 9.0_m0=0.082 m1=0.082 index=2180



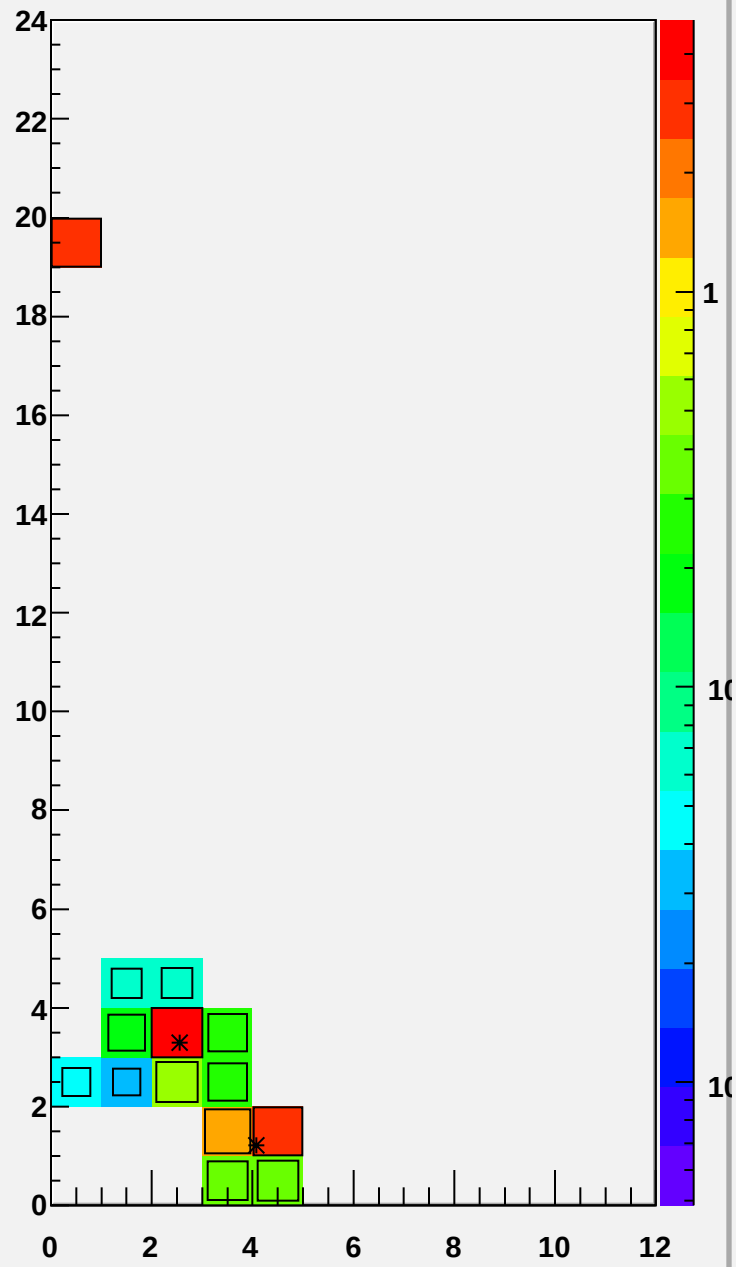
Fitted Energies



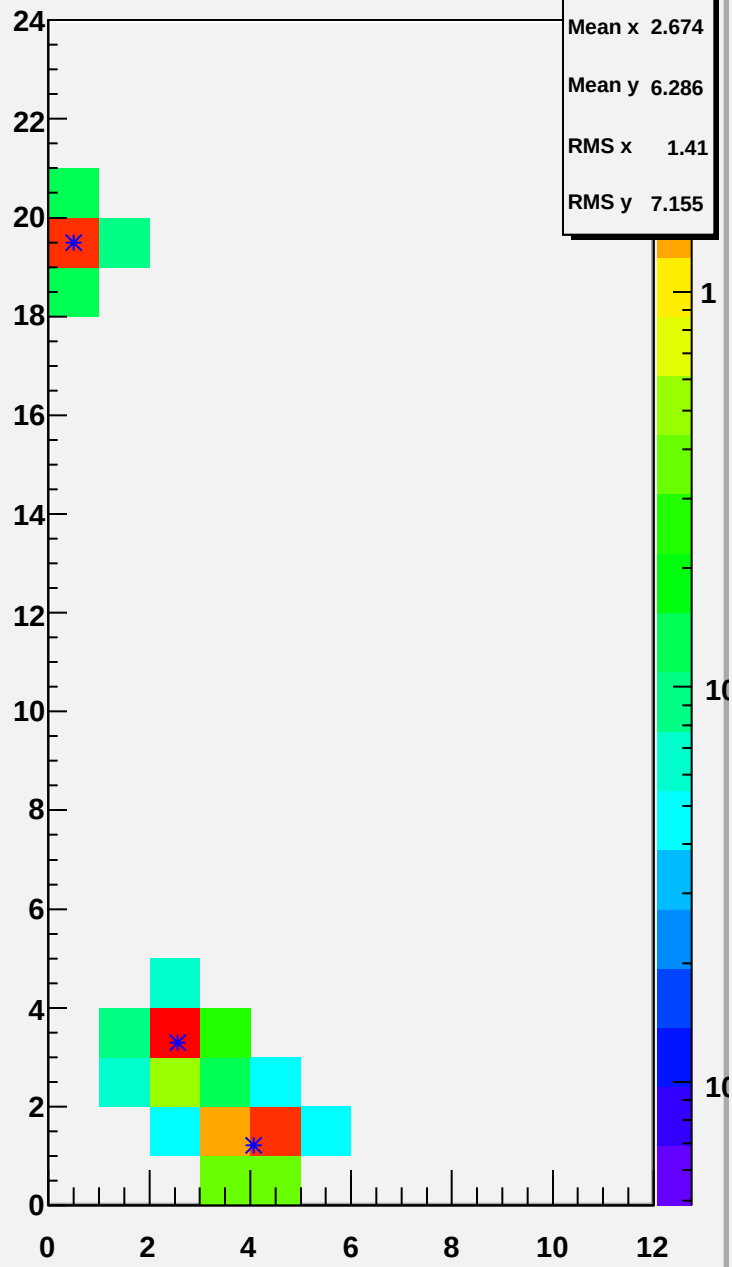
Efit

Entries	288
Mean x	3.05
Mean y	5.193
RMS x	0.6486
RMS y	1.59

NSTB3_r4_c3_En=14.5_m0=0.081 m1=0.080 index=2182



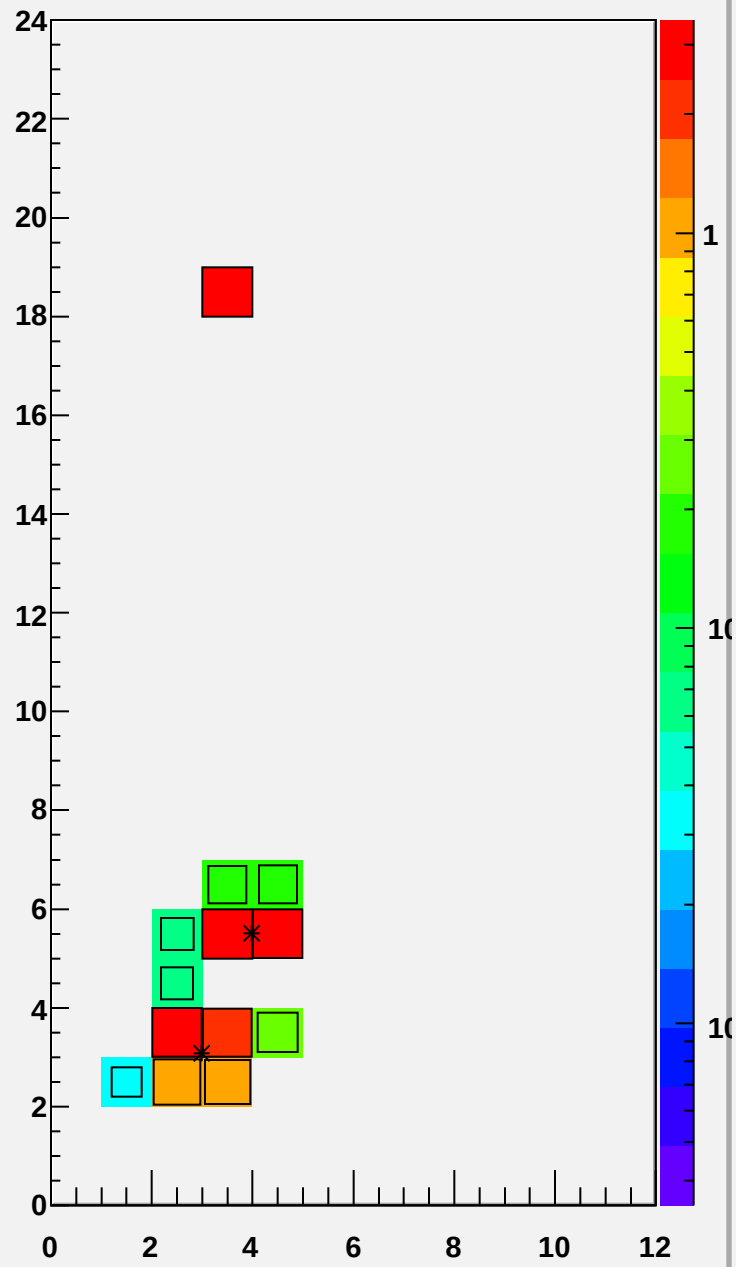
Fitted Energies



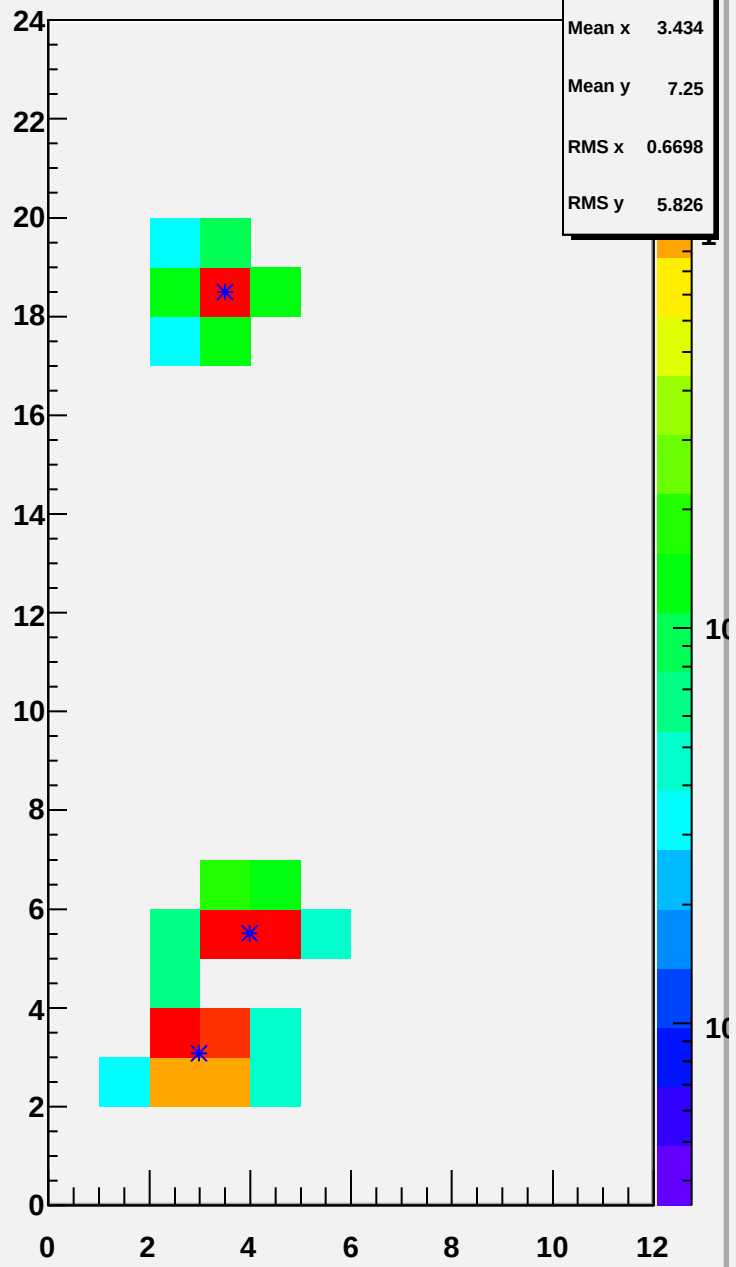
Efit

Entries 288
Mean x 2.674
Mean y 6.286
RMS x 1.41
RMS y 7.155

NSTB3_r4_c3_En=17.6_m0=0.106 m1=0.106 index=2183



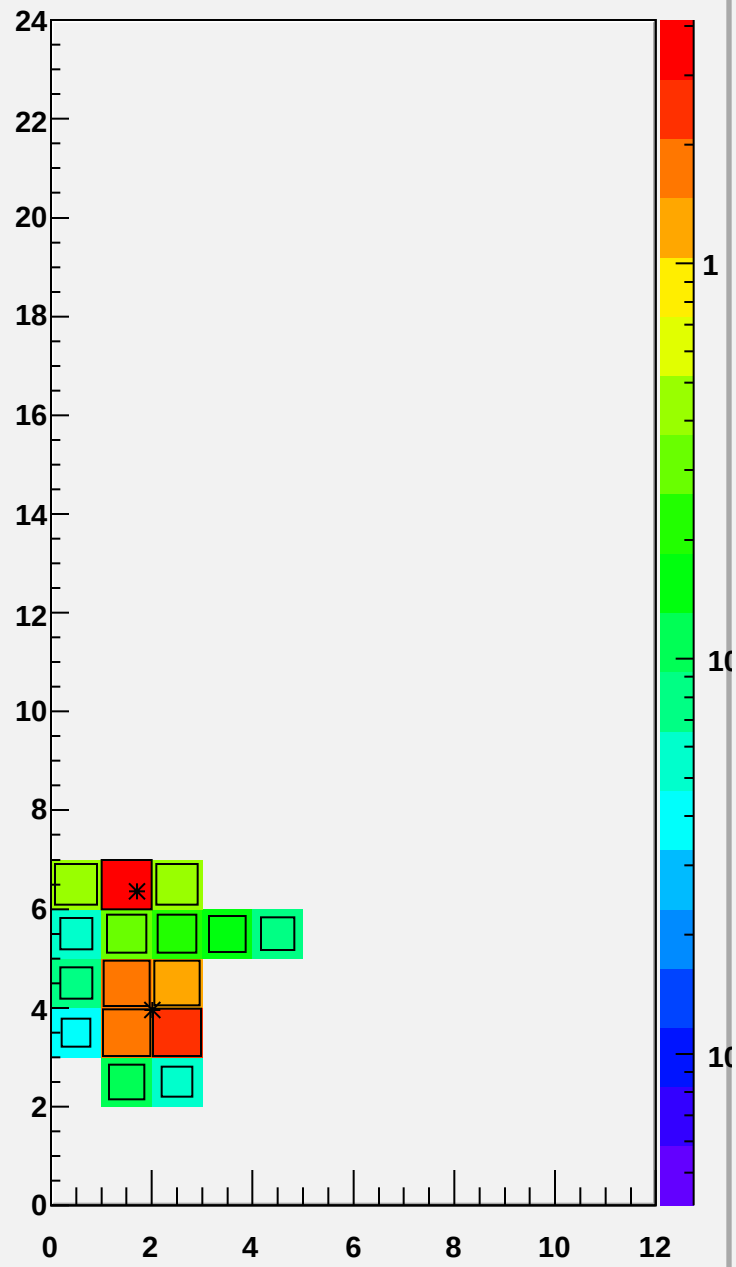
Fitted Energies



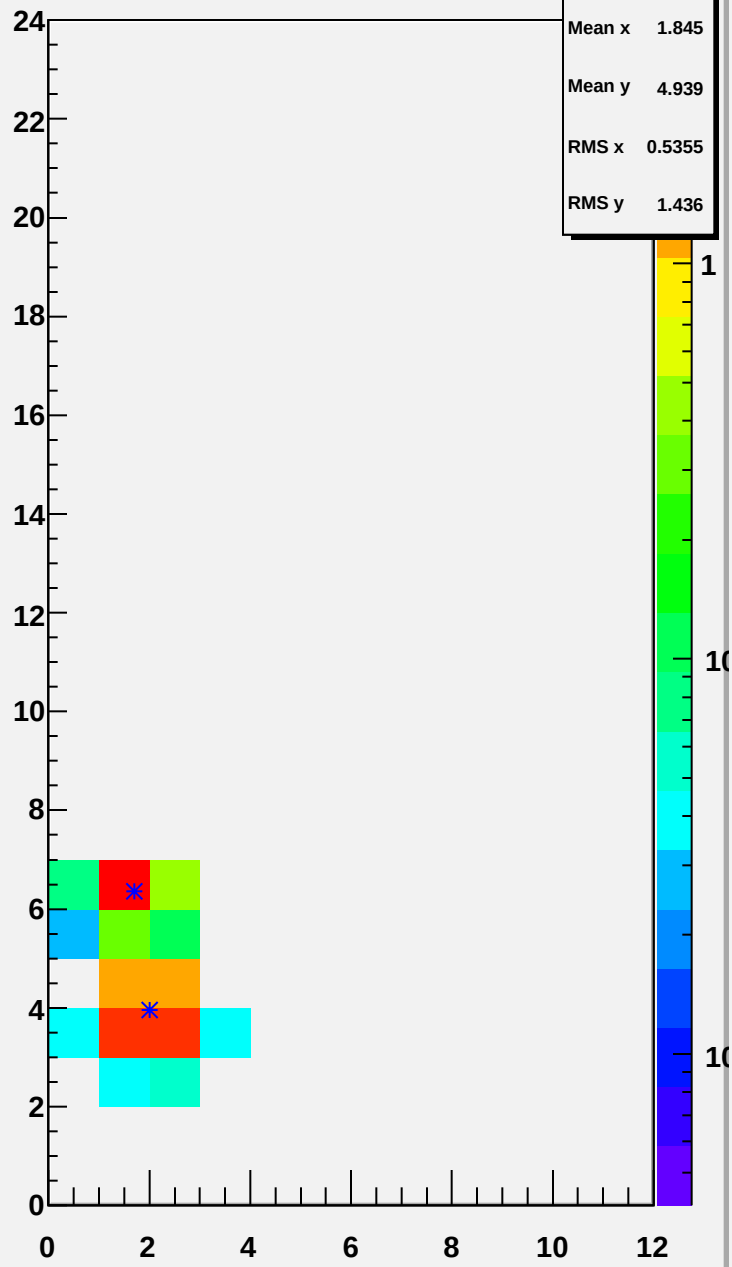
Efit

Entries	288
Mean x	3.434
Mean y	7.25
RMS x	0.6698
RMS y	5.826

NSTB3_r4_c3_En=13.3_m0=0.085 m1=0.085 index=2184



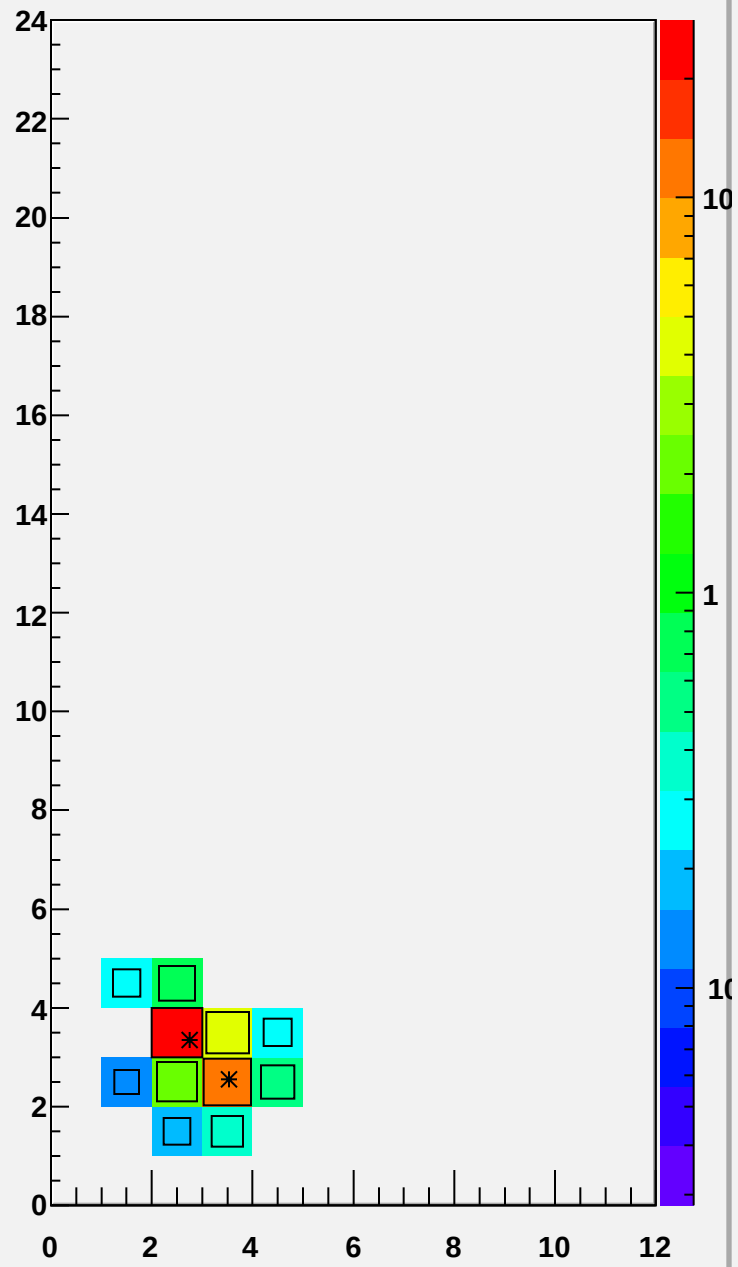
Fitted Energies



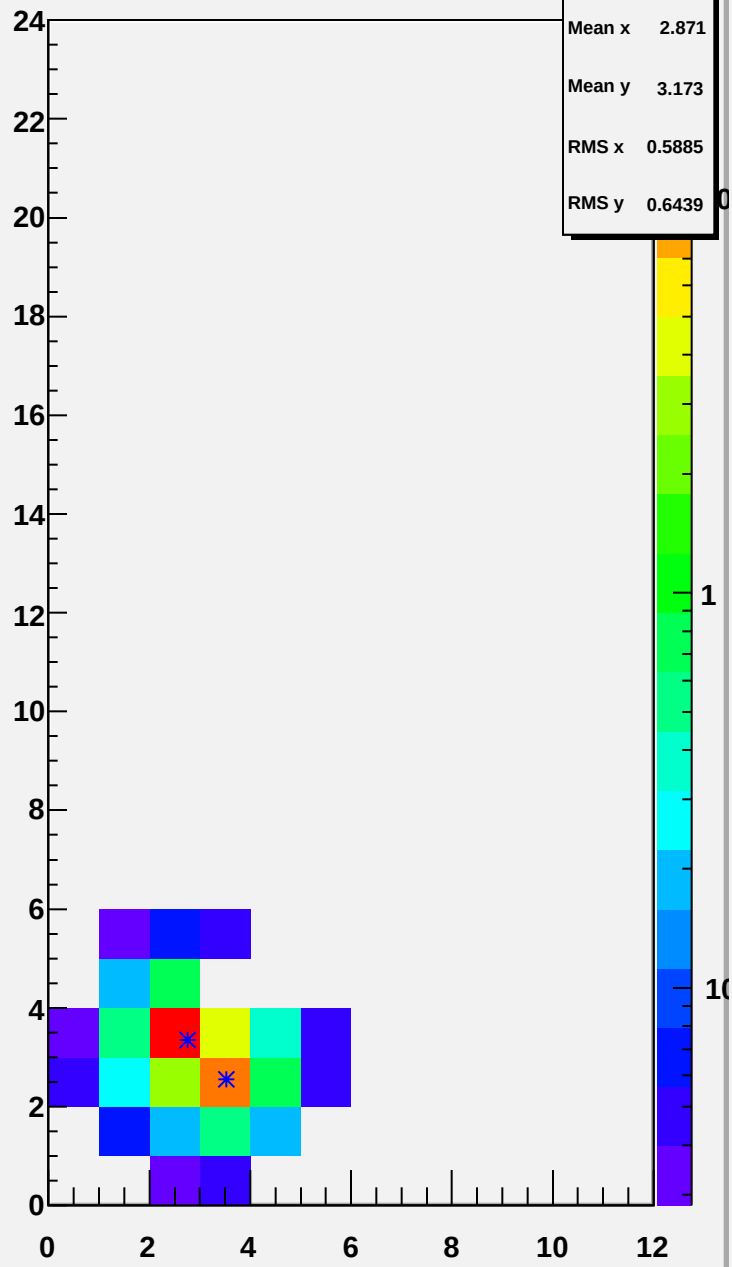
Efit

Entries	288
Mean x	1.845
Mean y	4.939
RMS x	0.5355
RMS y	1.436

NSTB3_r4_c3_En=49.0_m0=0.144 m1=0.143 index=2185



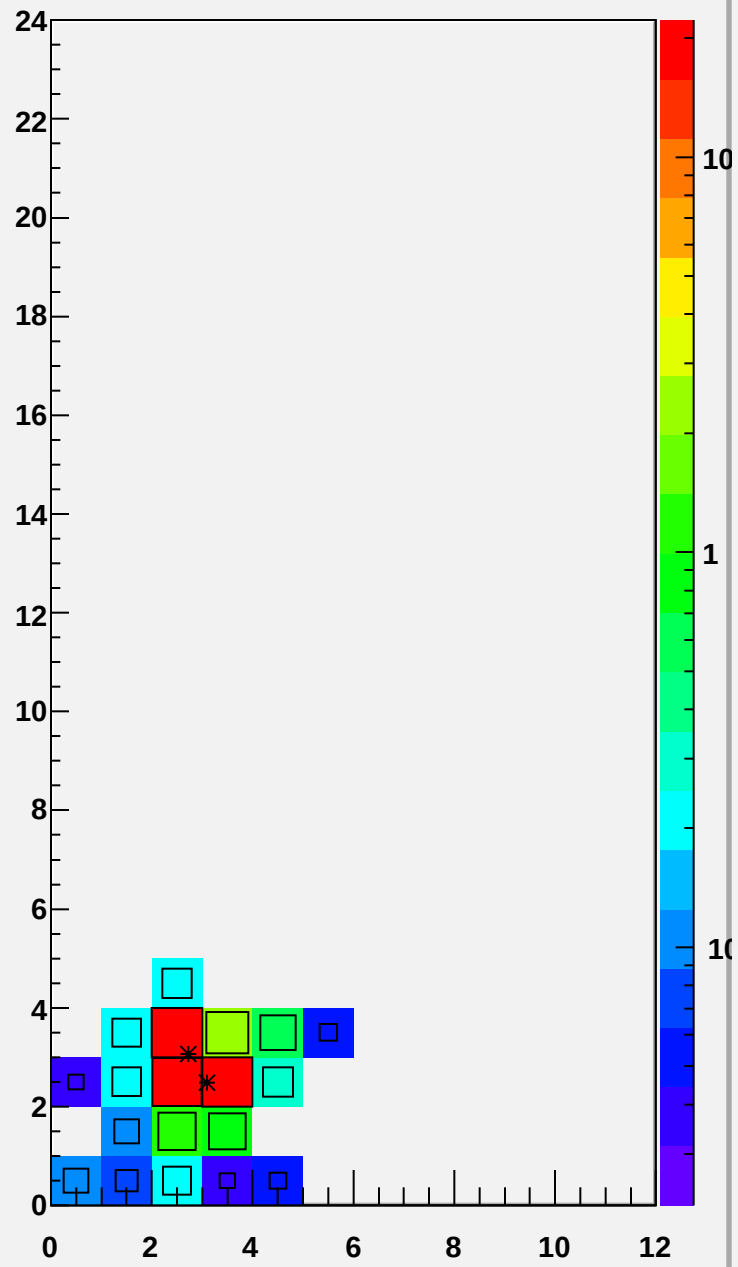
Fitted Energies



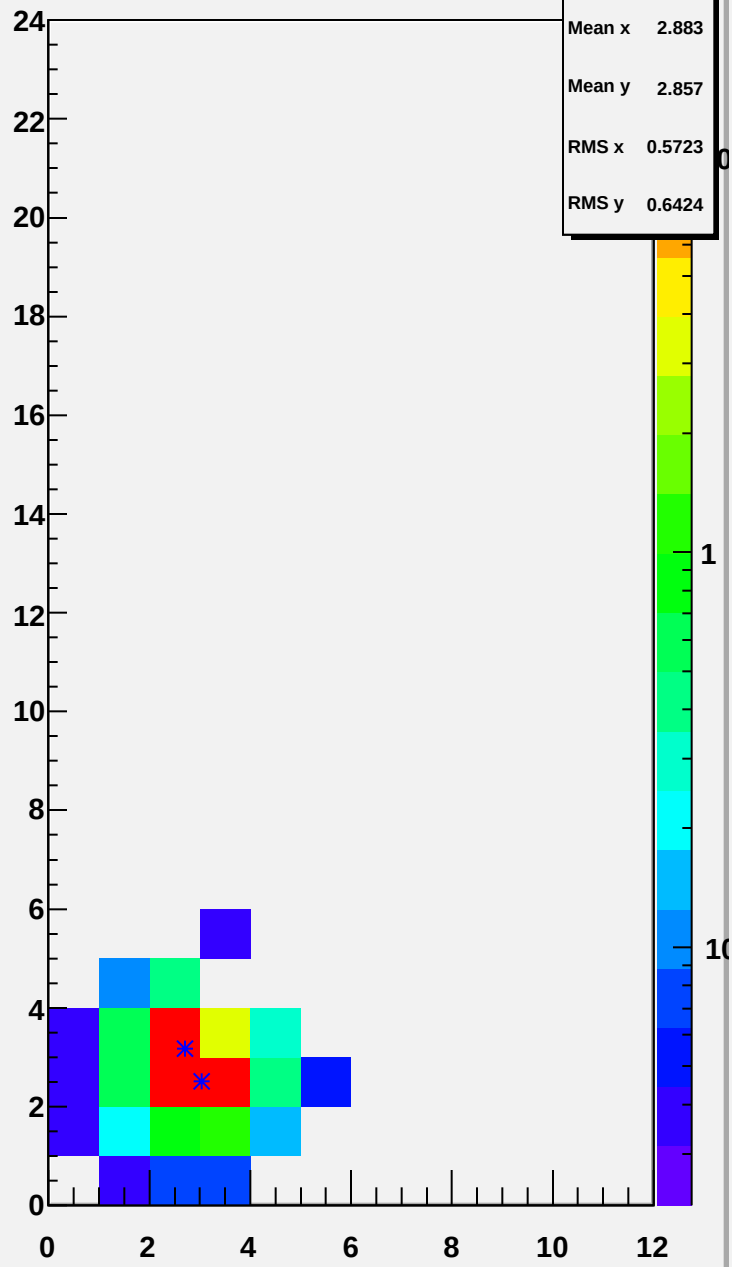
Efit

Entries	288
Mean x	2.871
Mean y	3.173
RMS x	0.5885
RMS y	0.6439

NSTB3_r4_c3_En=67.8_m0=0.129 m1=0.136 index=2186



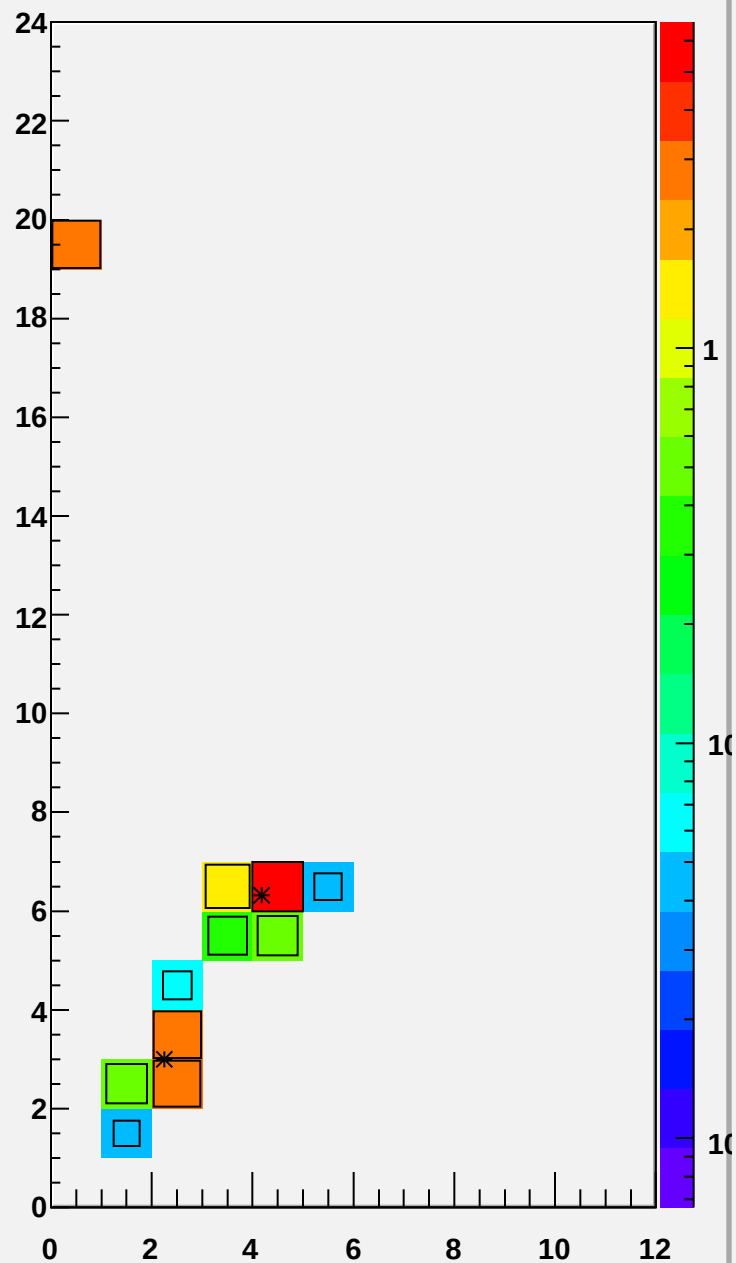
Fitted Energies



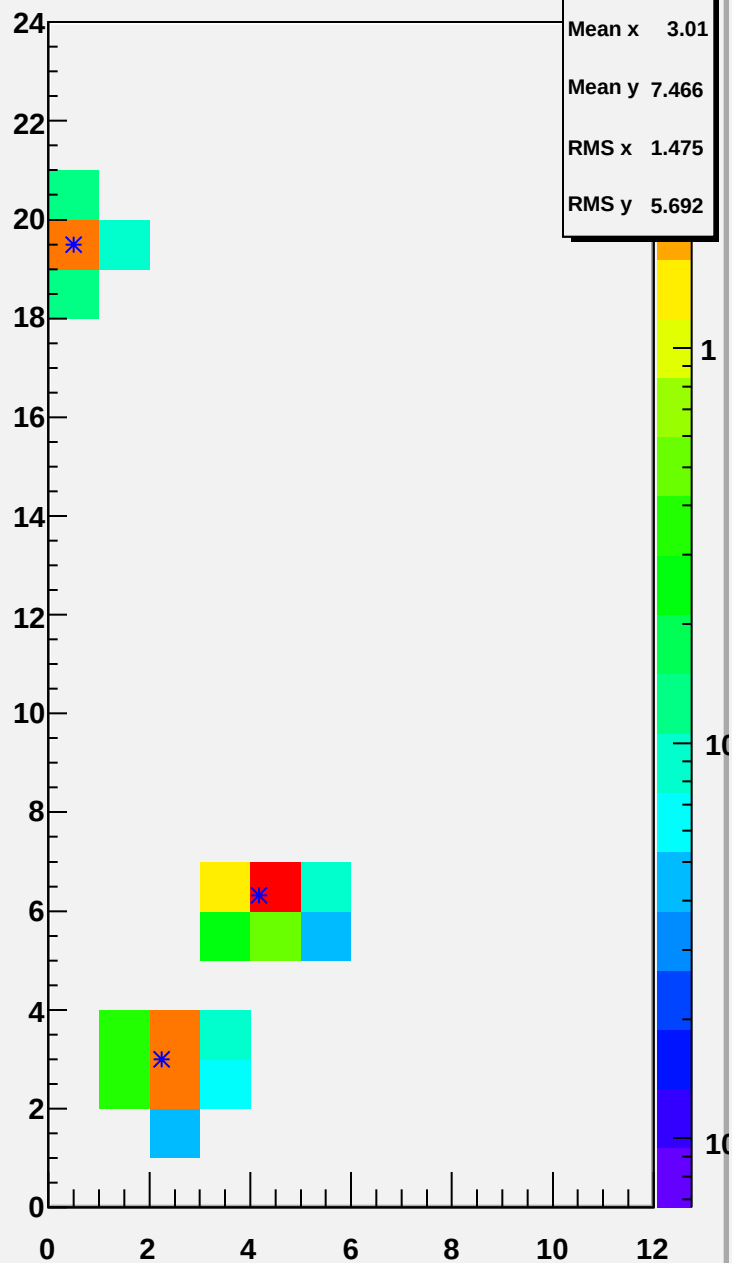
Efit

Entries	288
Mean x	2.883
Mean y	2.857
RMS x	0.5723
RMS y	0.6424

NSTB3_r4_c3_En=18.5_m0=0.171 m1=0.171 index=2187



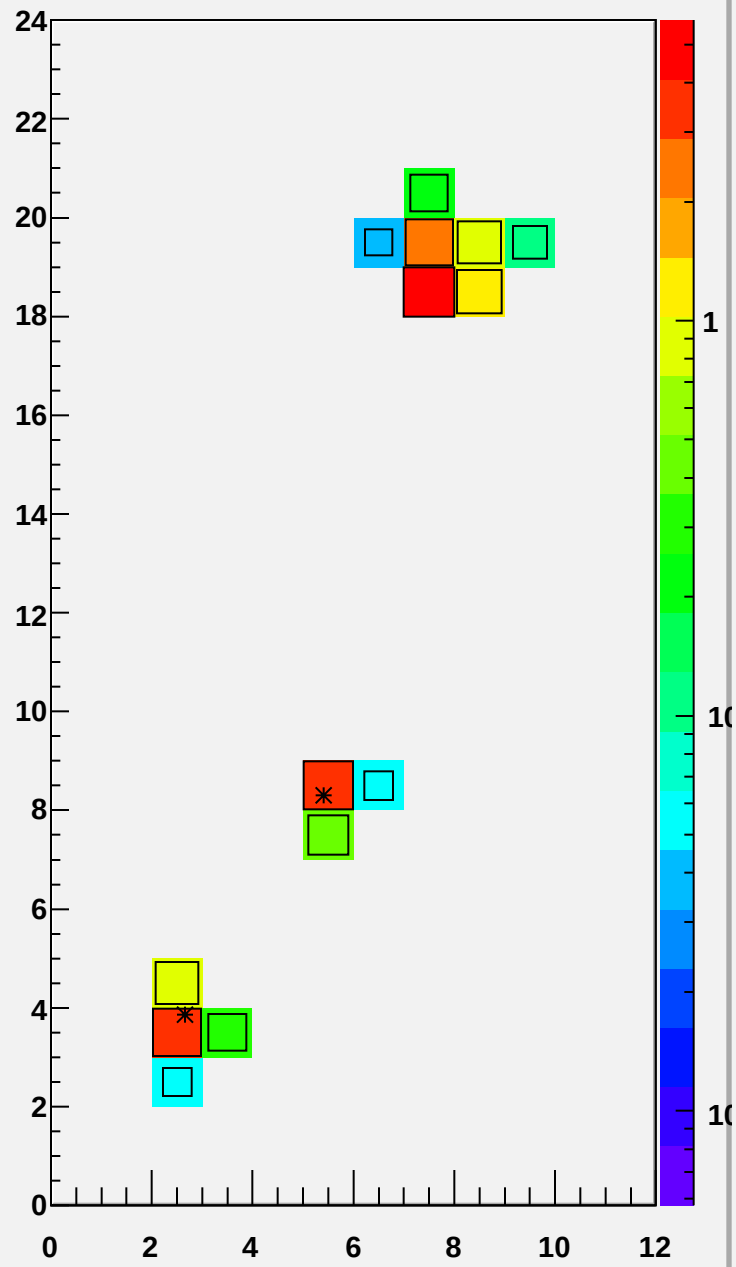
Fitted Energies



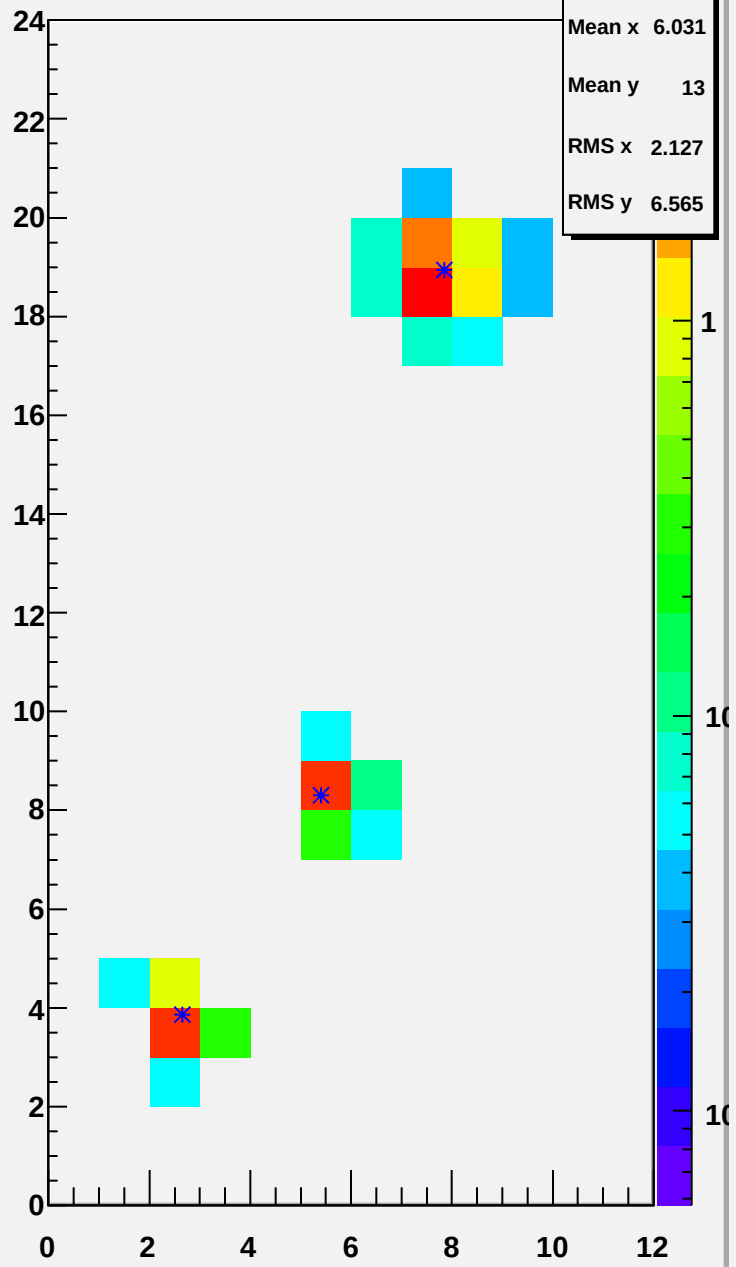
Efit

Entries 288
Mean x 3.01
Mean y 7.466
RMS x 1.475
RMS y 5.692

NSTB3_r4_c3_En=19.9_m0=0.142 m1=0.142 index=2188



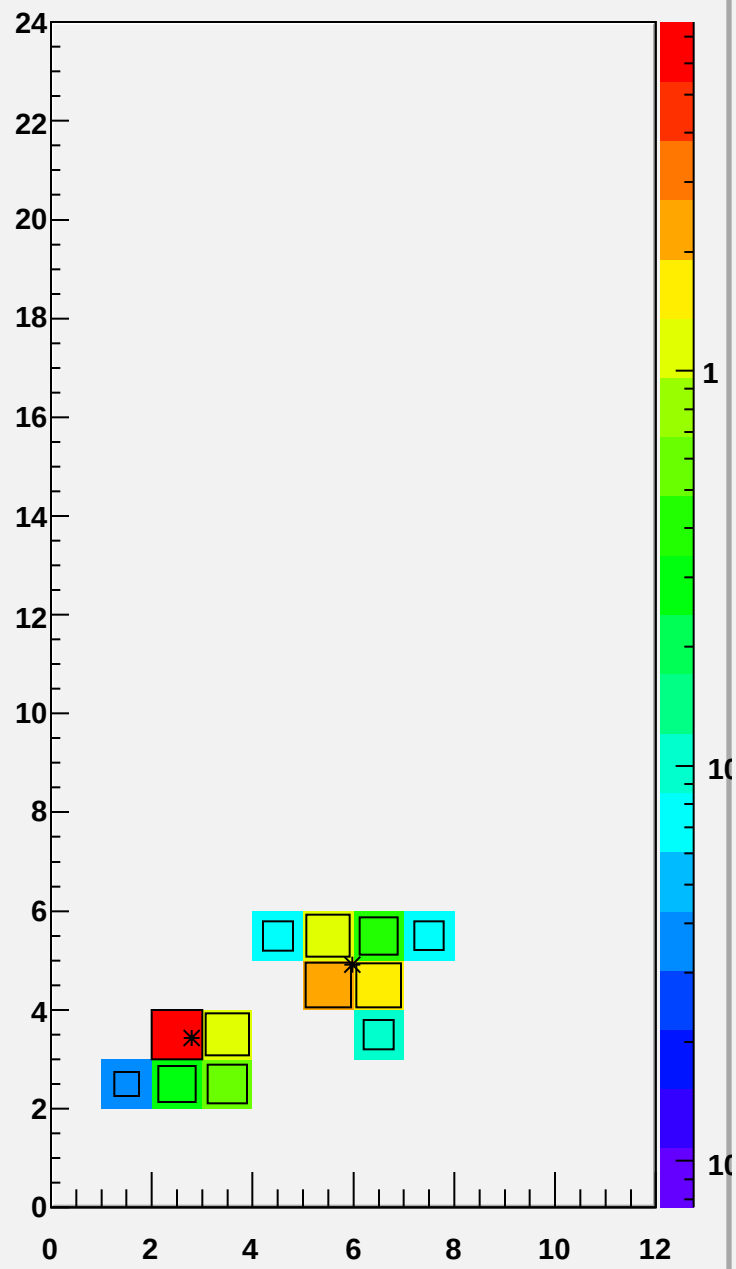
Fitted Energies



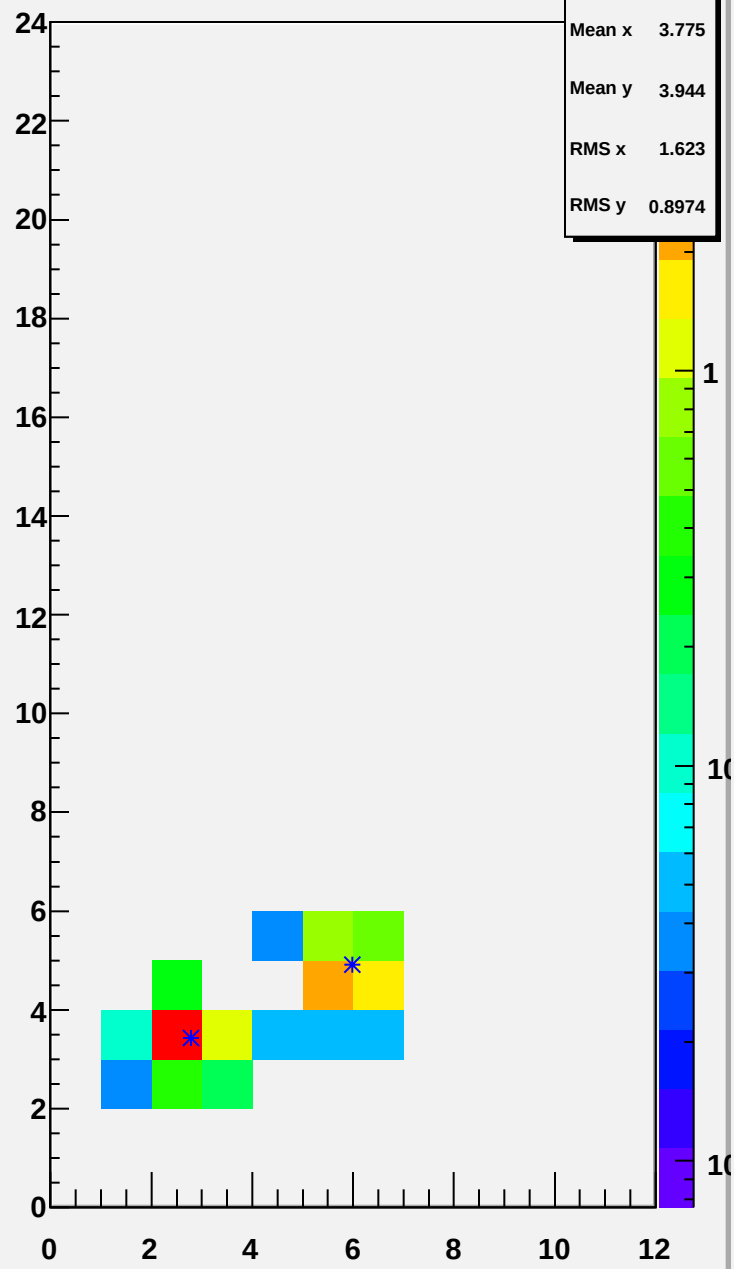
Efit

Entries 288
Mean x 6.031
Mean y 13
RMS x 2.127
RMS y 6.565

NSTB3_r4_c3_En=15.4_m0=0.144 m1=0.144 index=2189



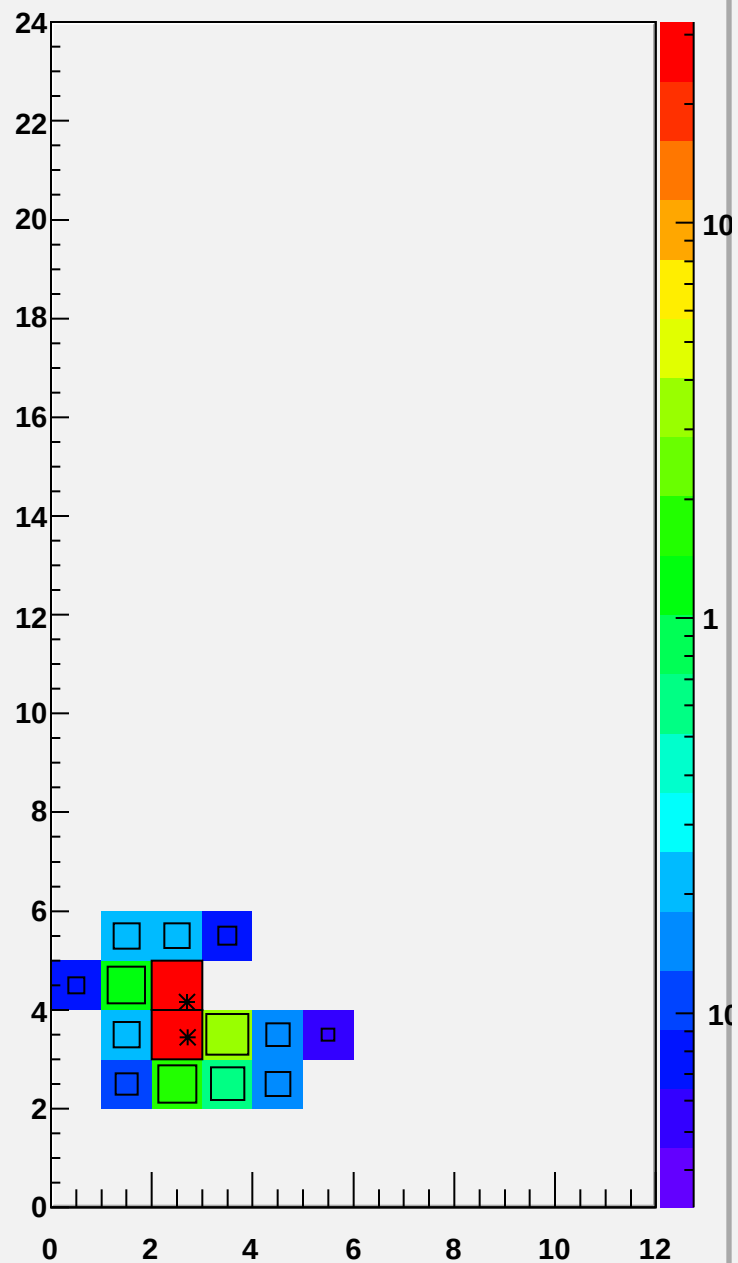
Fitted Energies



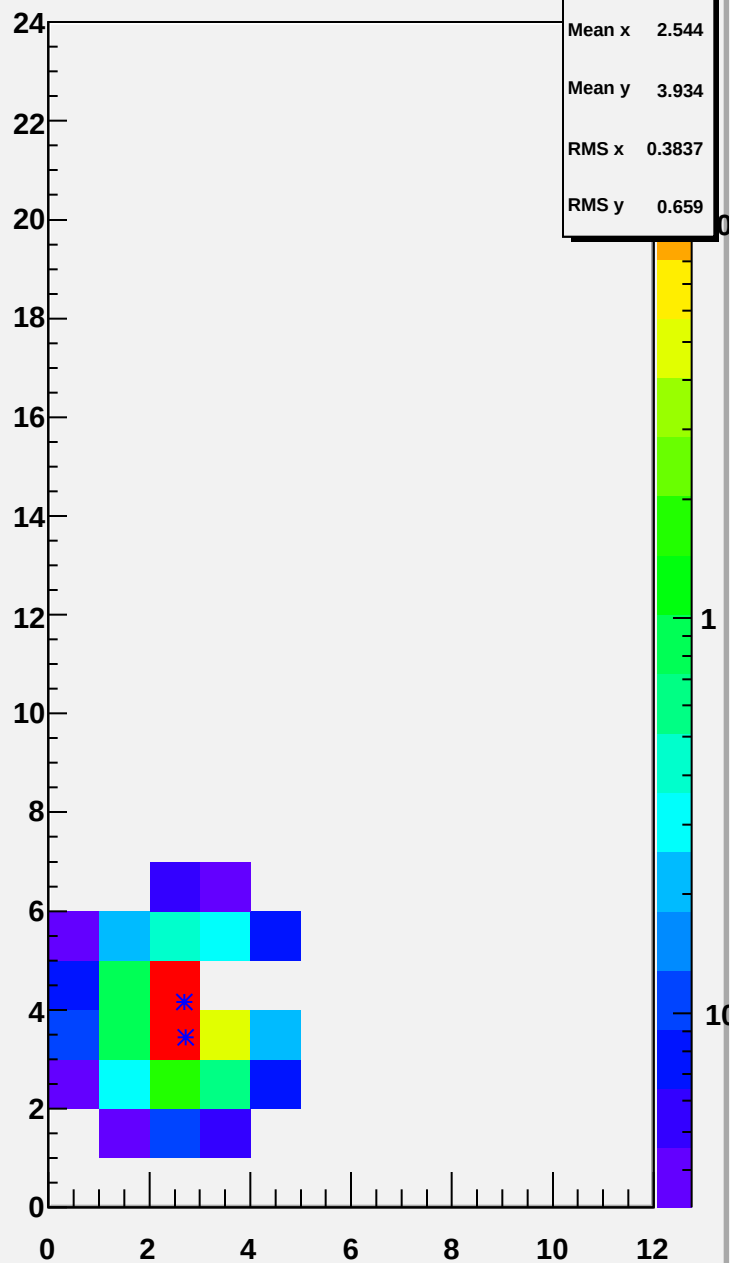
Efit

Entries	288
Mean x	3.775
Mean y	3.944
RMS x	1.623
RMS y	0.8974

NSTB3_r4_c3_En=71.7_m0=0.146 m1=0.145 index=2190



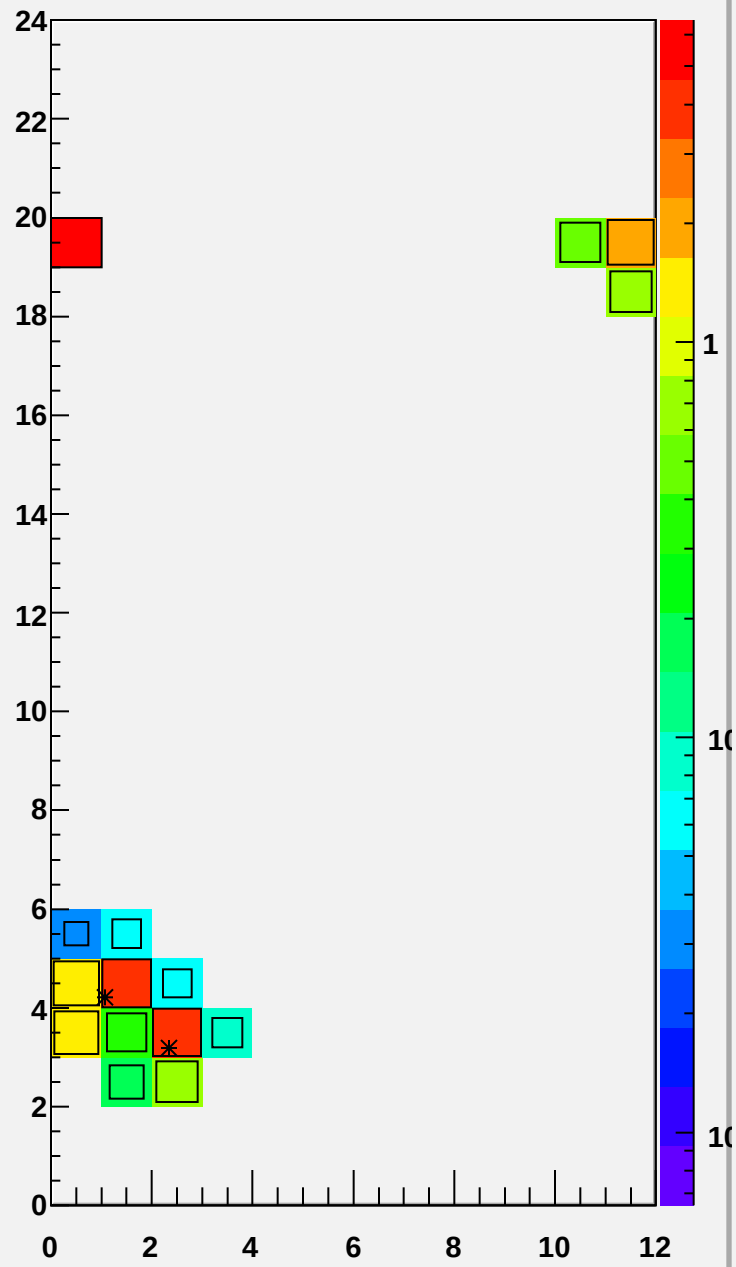
Fitted Energies



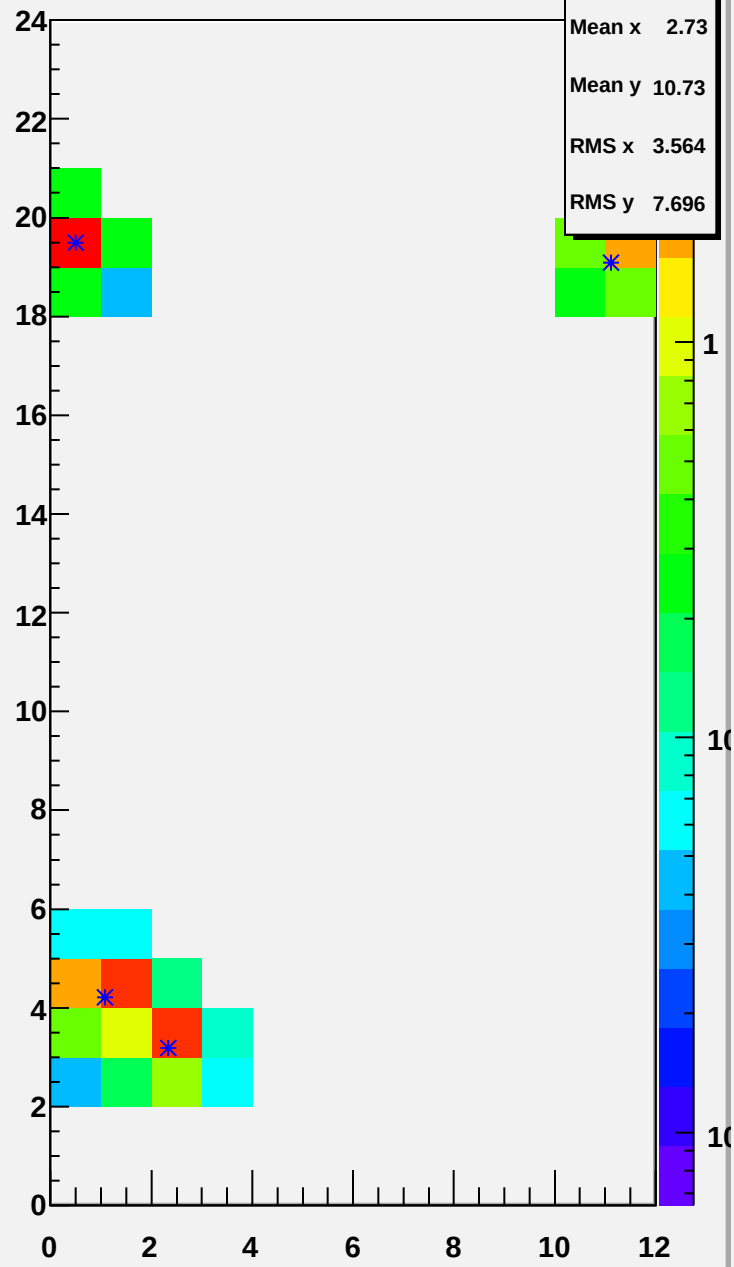
Efit

Entries	288
Mean x	2.544
Mean y	3.934
RMS x	0.3837
RMS y	0.659

NSTB3_r4_c3_En=22.0_m0=0.056 m1=0.056 index=2192



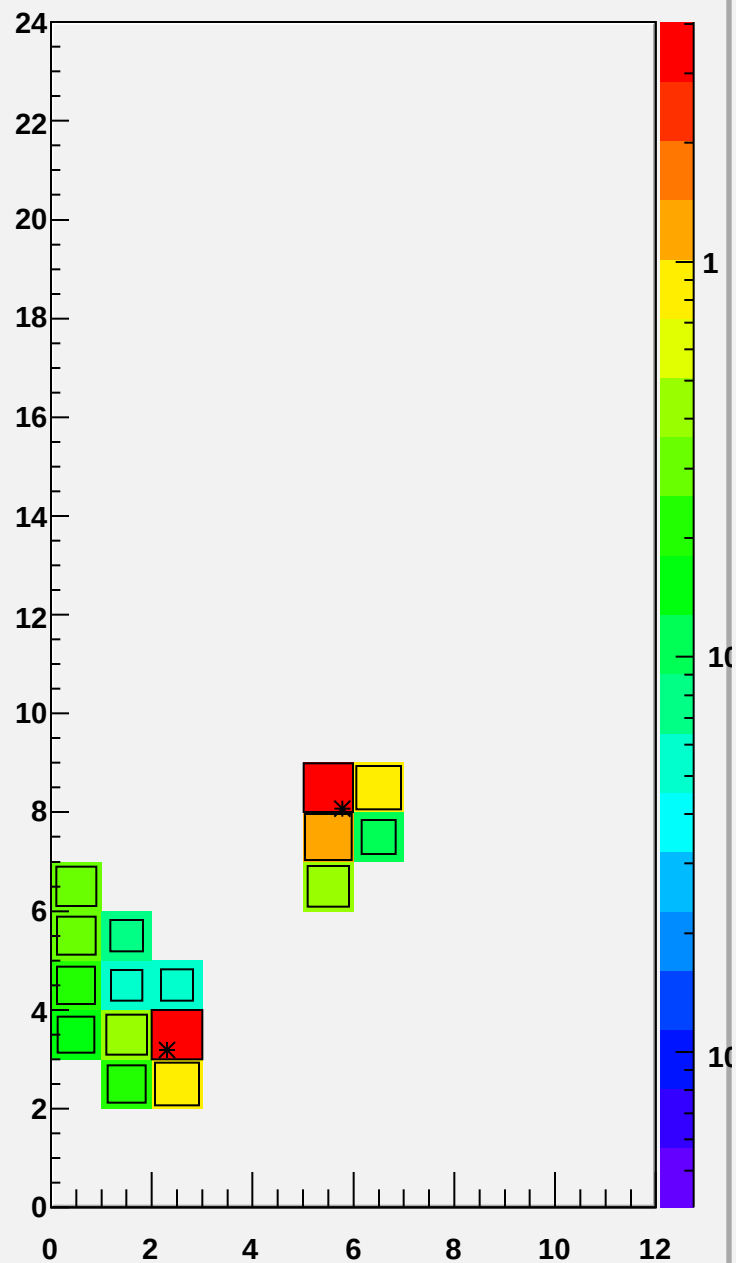
Fitted Energies



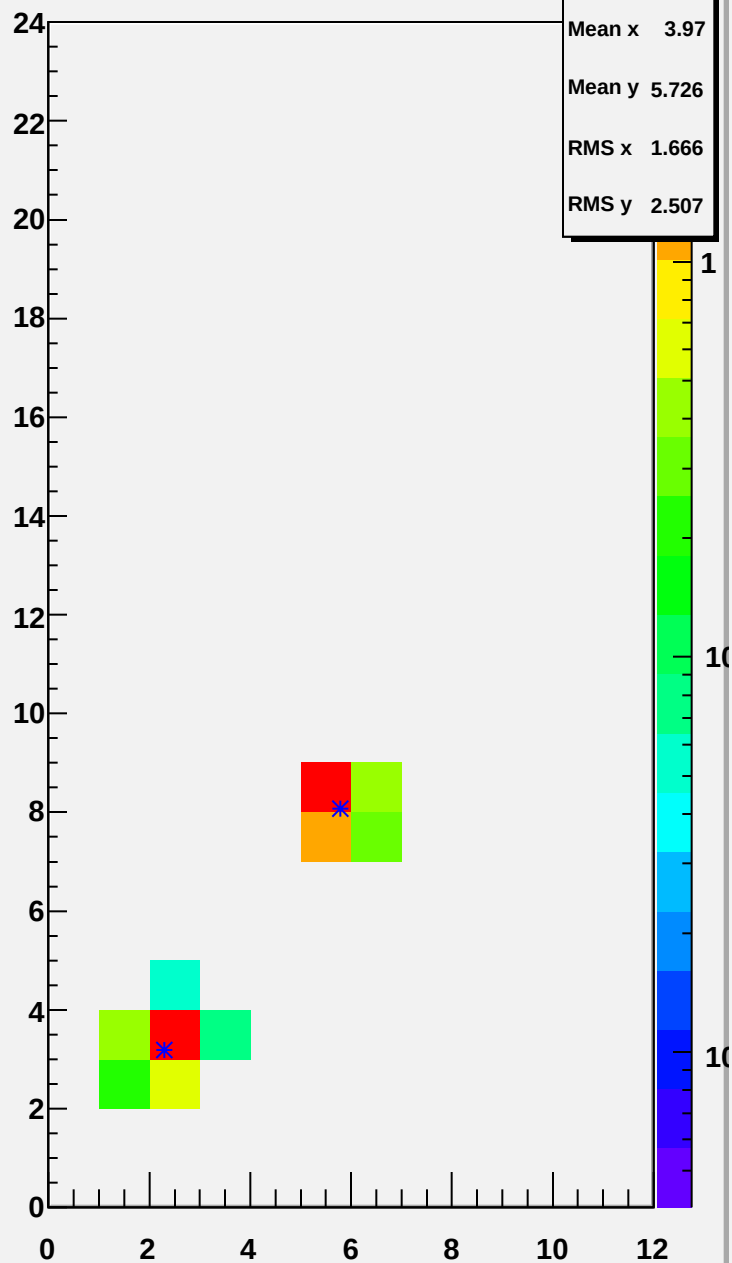
Efit

Entries 288
Mean x 2.73
Mean y 10.73
RMS x 3.564
RMS y 7.696

NSTB3_r4_c3_En=12.2_m0=0.186 m1=0.186 index=2193



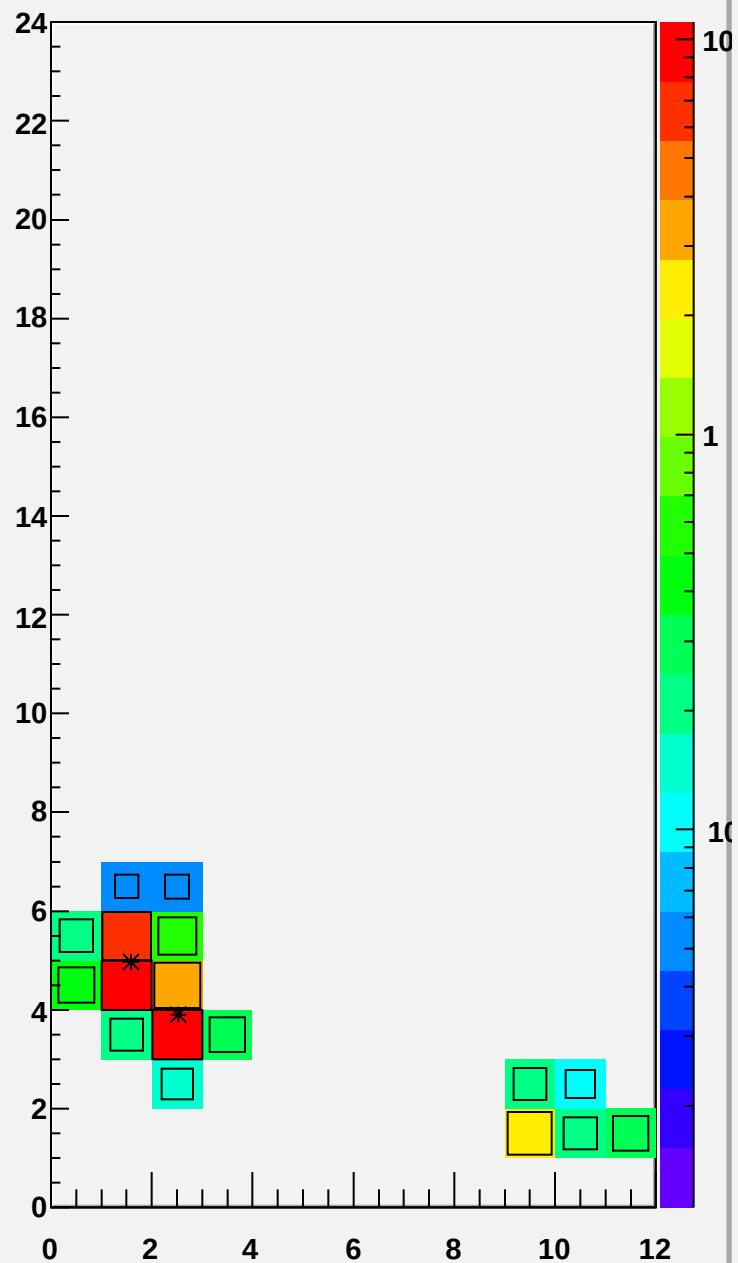
Fitted Energies



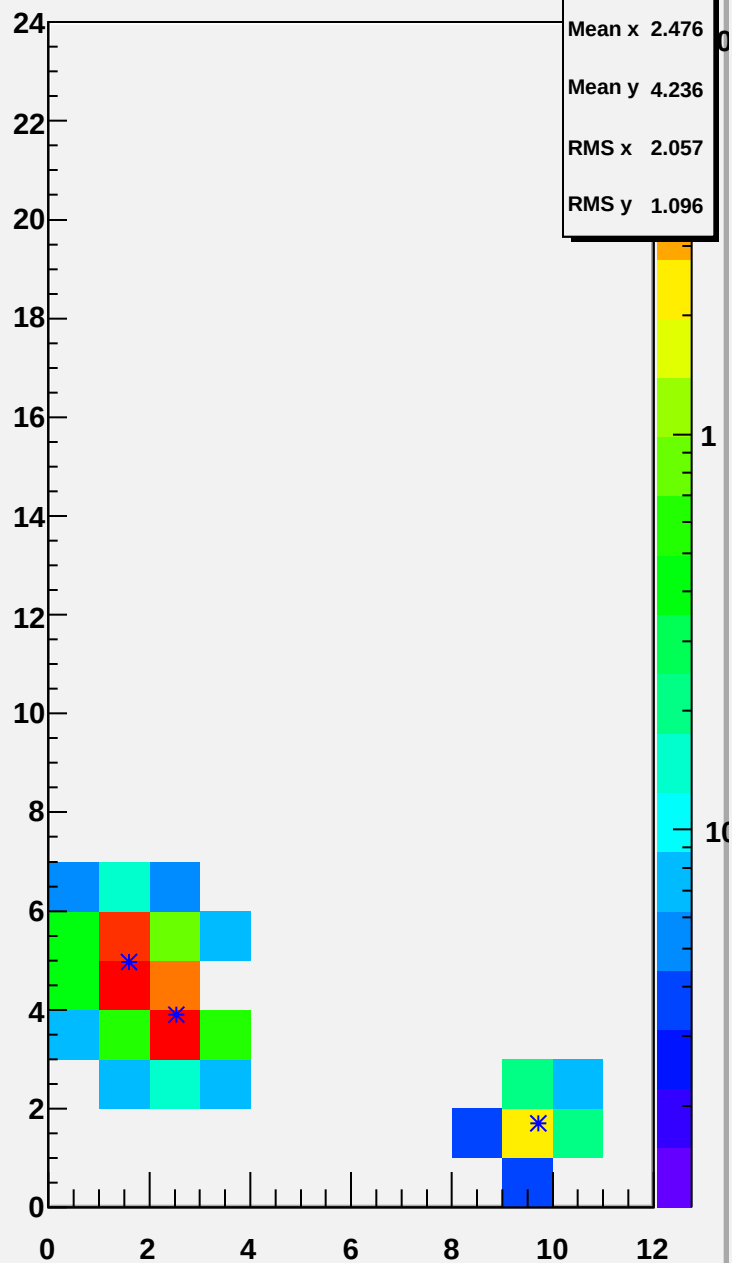
Efit

Entries 288
Mean x 3.97
Mean y 5.726
RMS x 1.666
RMS y 2.507

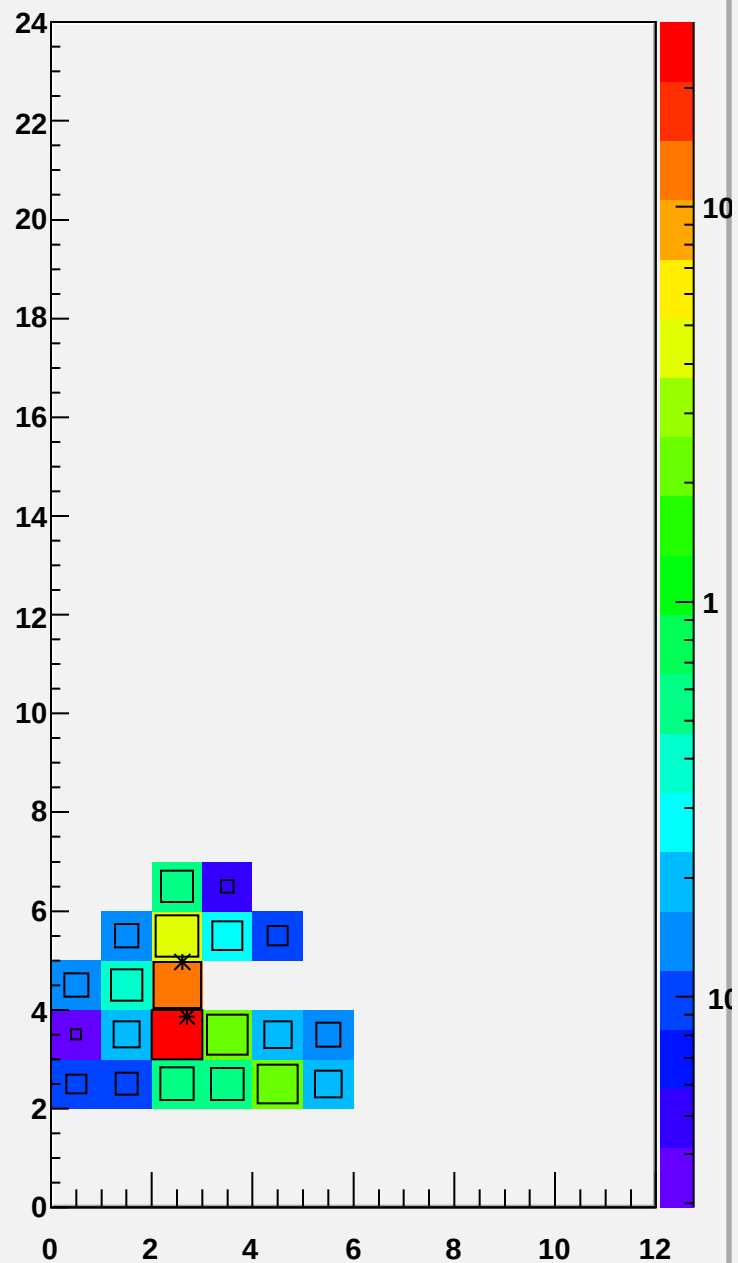
NSTB3_r4_c3_En=36.7_m0=0.142 m1=0.142 index=2194



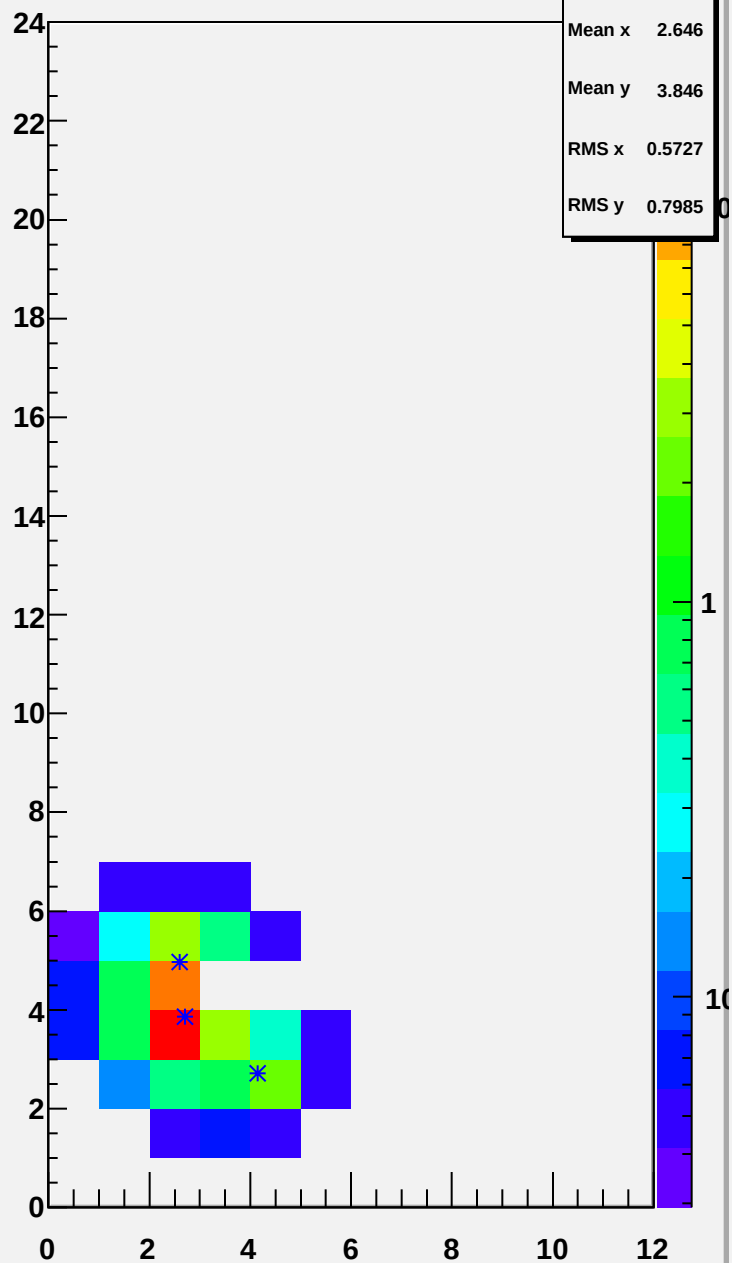
Fitted Energies



NSTB3_r4_c3_En=54.4_m0=0.129 m1=0.129 index=2196



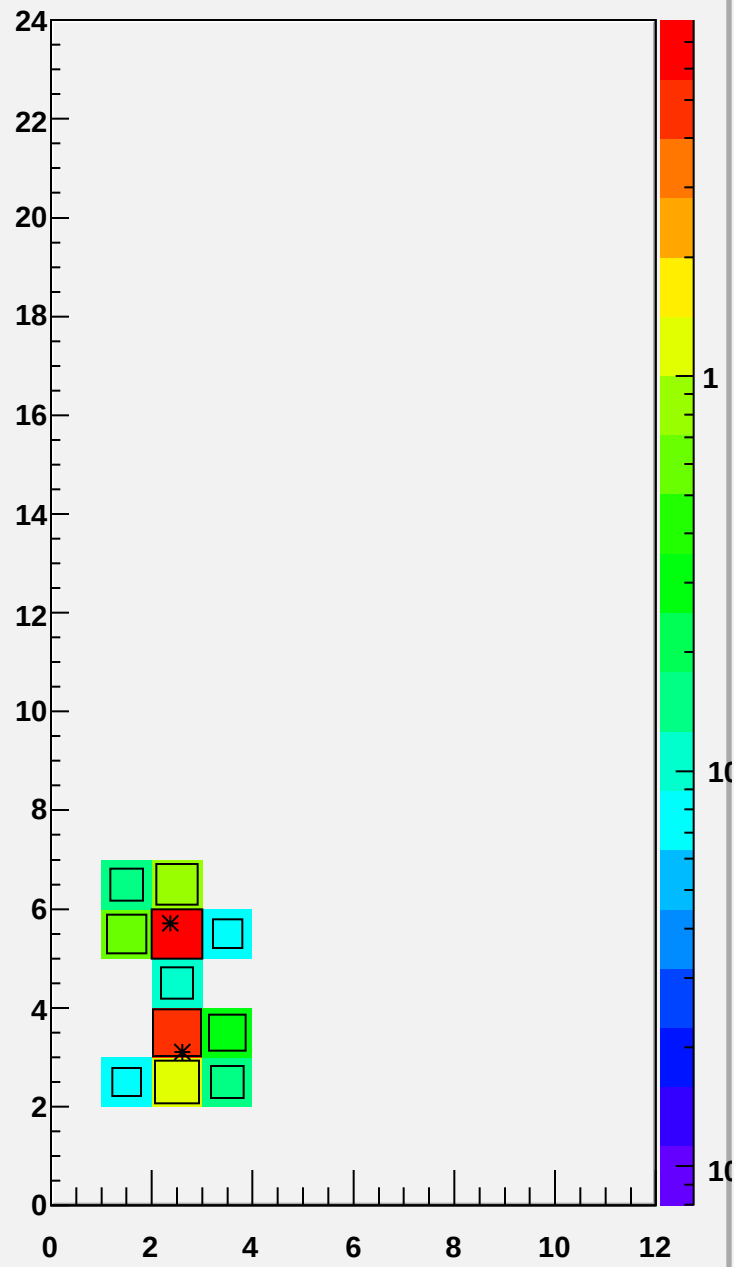
Fitted Energies



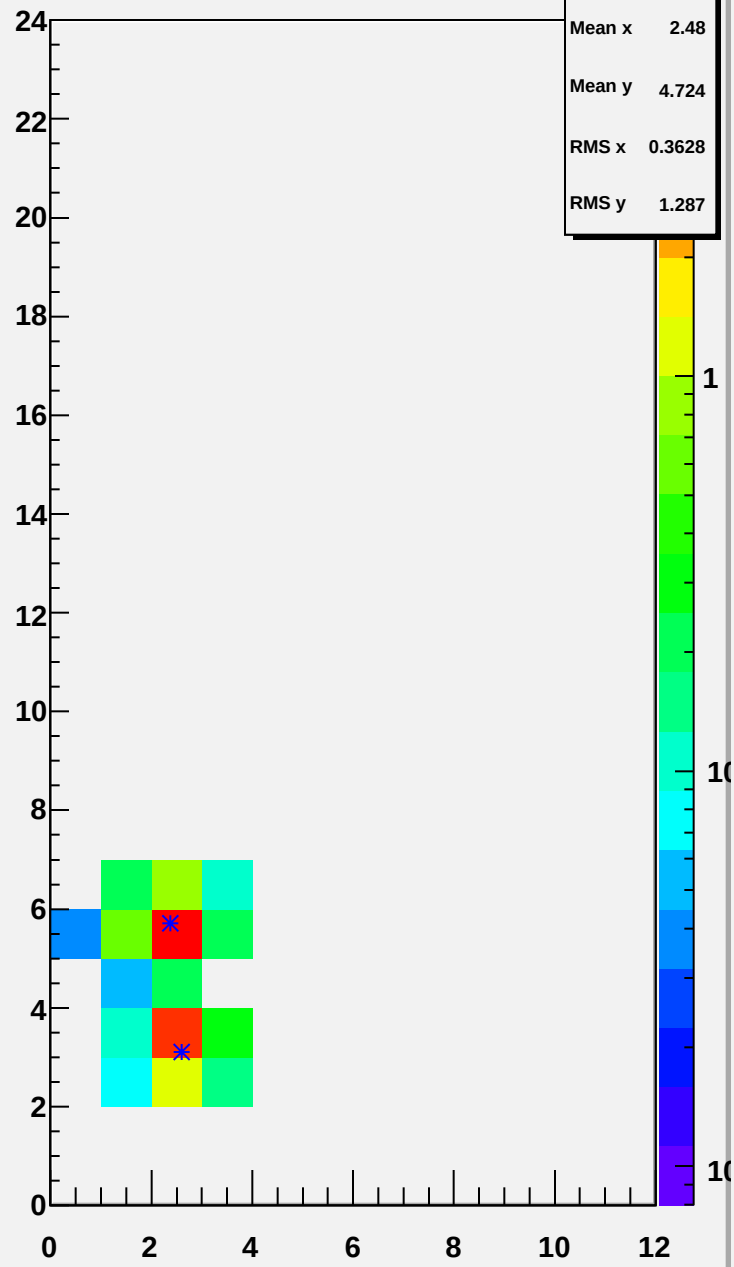
Efit

Entries	288
Mean x	2.646
Mean y	3.846
RMS x	0.5727
RMS y	0.7985

NSTB3_r4_c3_En=15.8_m0=0.118 m1=0.118 index=2197



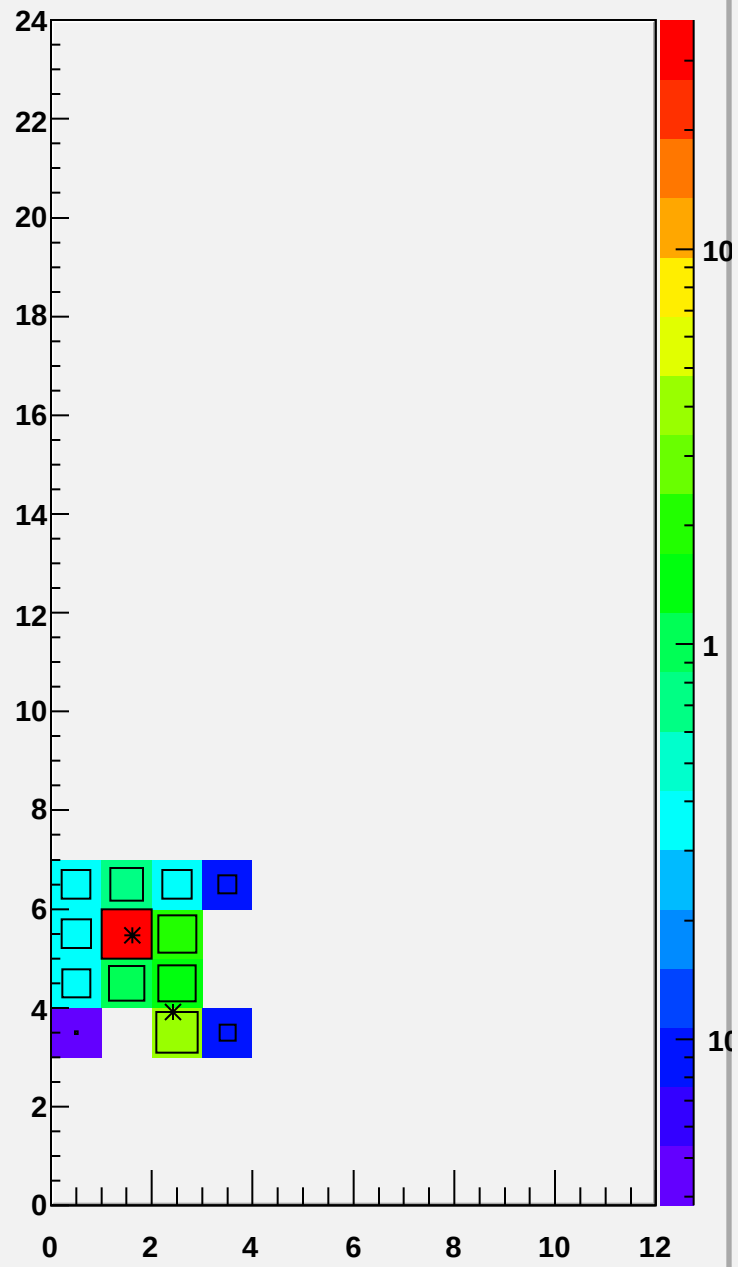
Fitted Energies



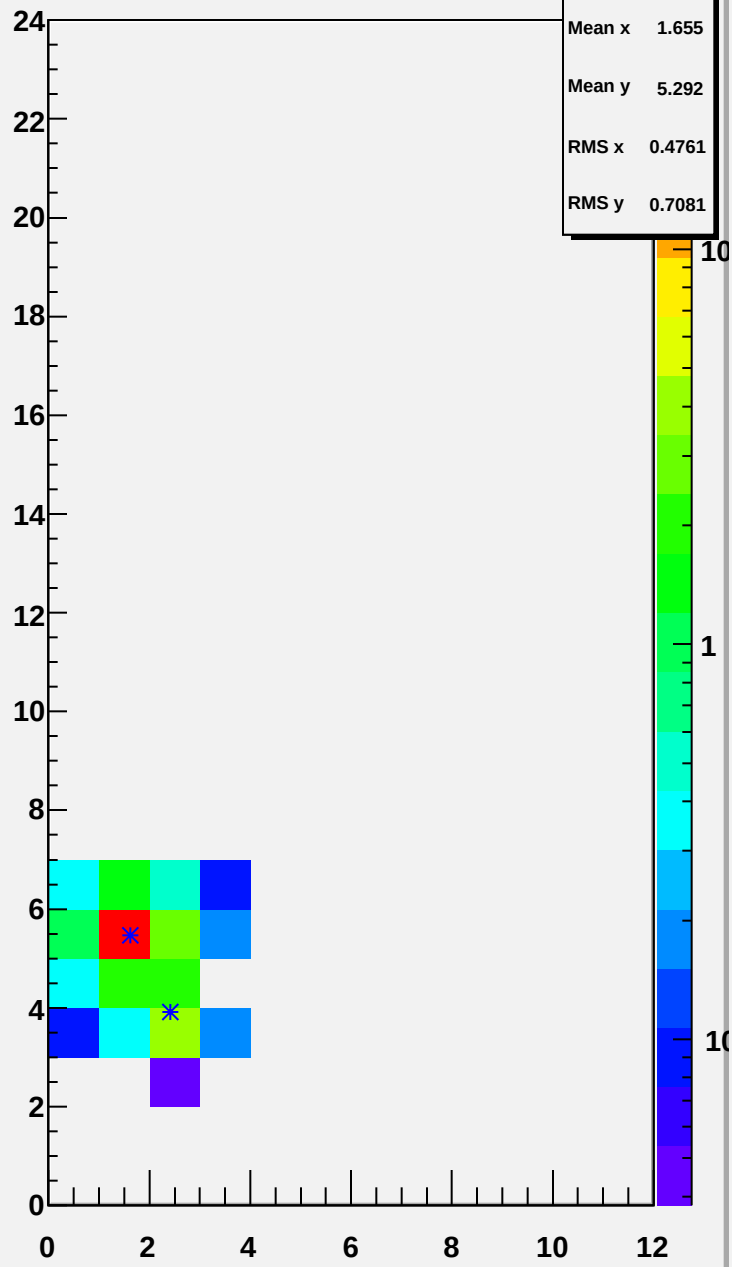
Efit

Entries	288
Mean x	2.48
Mean y	4.724
RMS x	0.3628
RMS y	1.287

NSTB3_r4_c3_En=49.0_m0=0.163 m1=0.164 index=2198



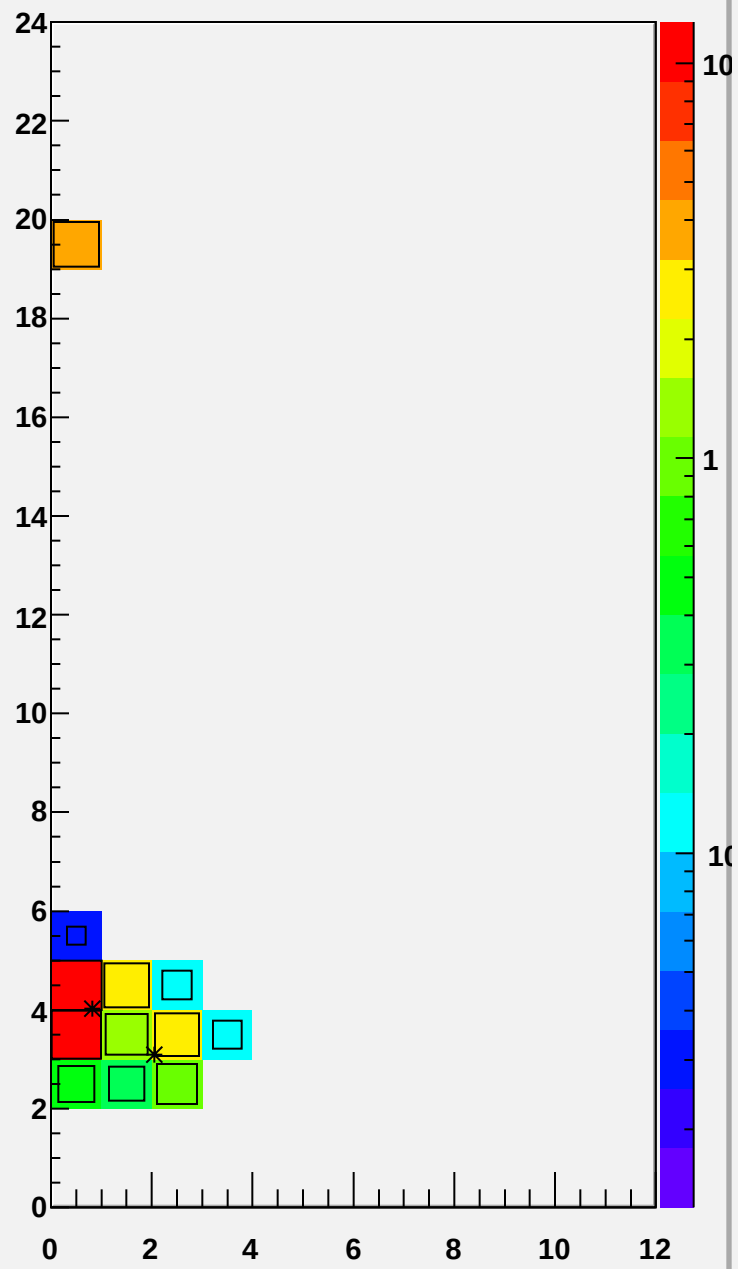
Fitted Energies



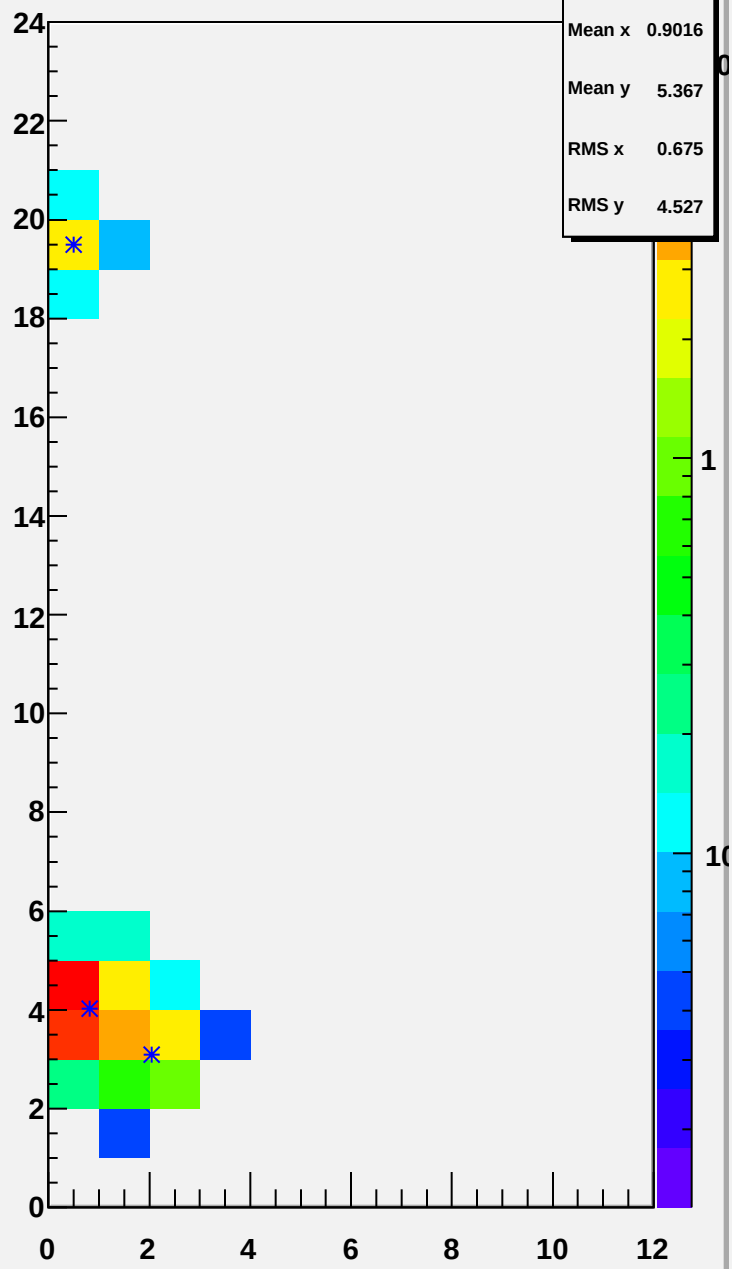
Efit

Entries	288
Mean x	1.655
Mean y	5.292
RMS x	0.4761
RMS y	0.7081

NSTB3_r4_c3_En=33.9_m0=0.102 m1=0.102 index=2199



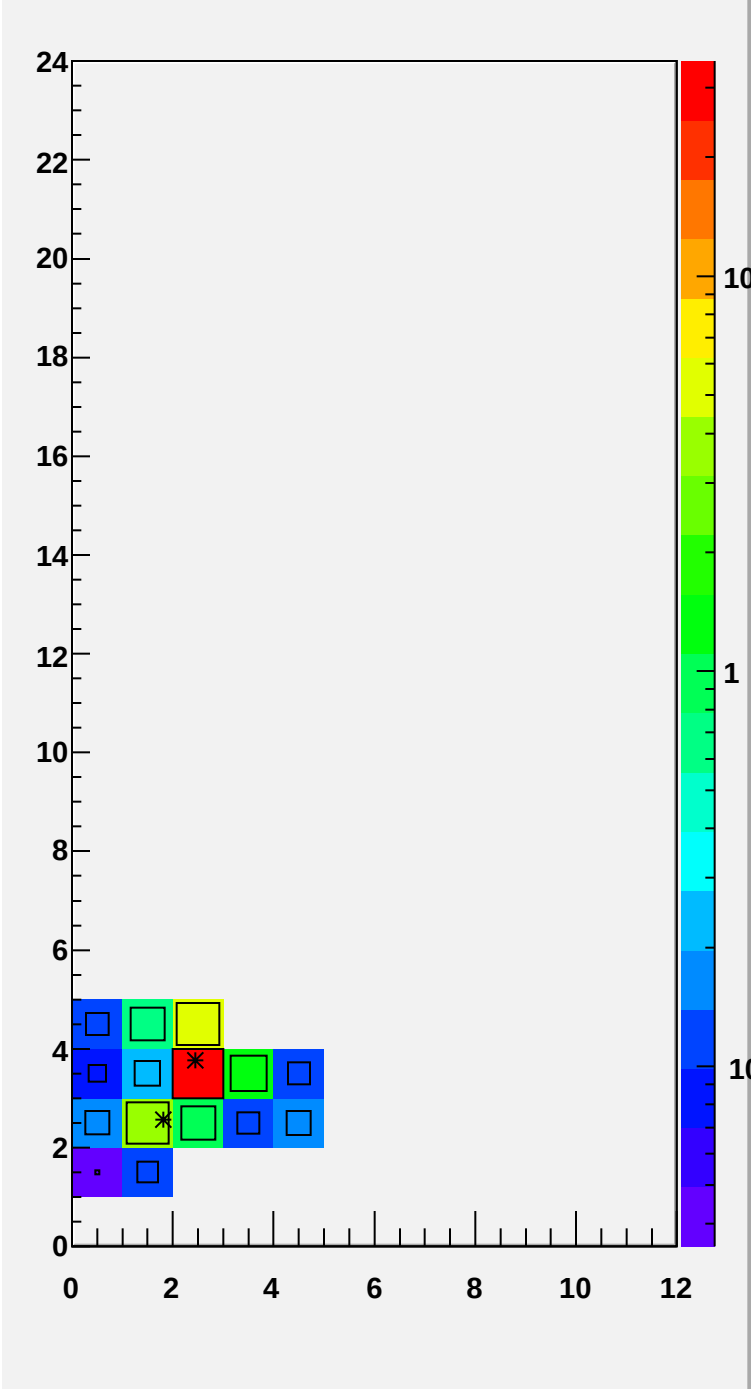
Fitted Energies



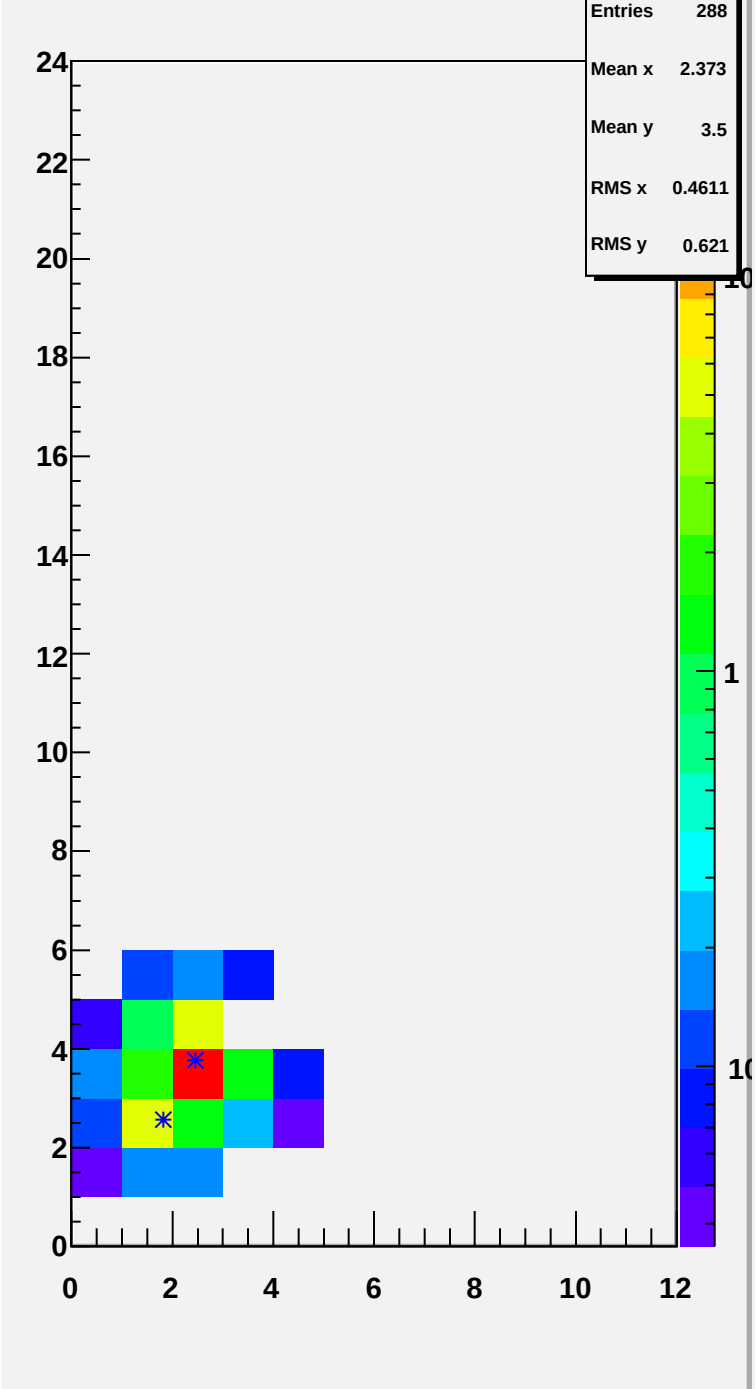
Efit

Entries	288
Mean x	0.9016
Mean y	5.367
RMS x	0.675
RMS y	4.527

NSTB3_r4_c3_En=48.0_m0=0.121 m1=0.121 index=2201

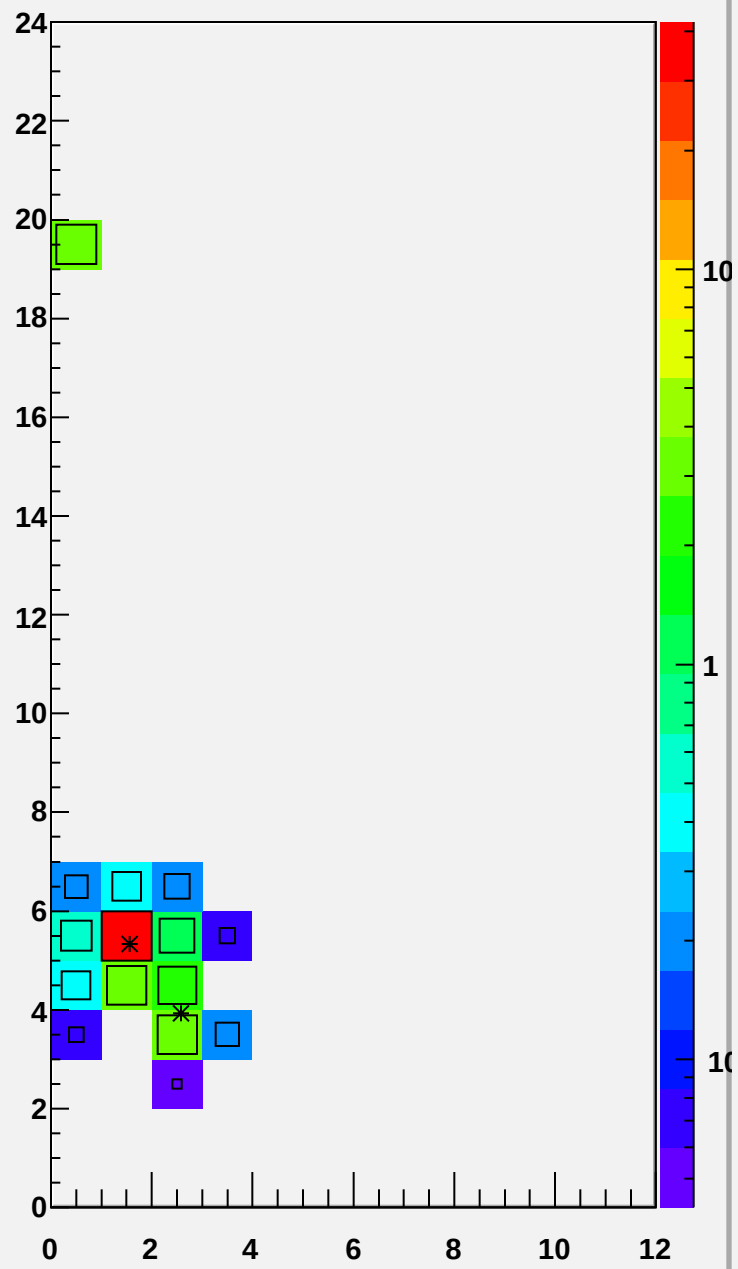


Fitted Energies

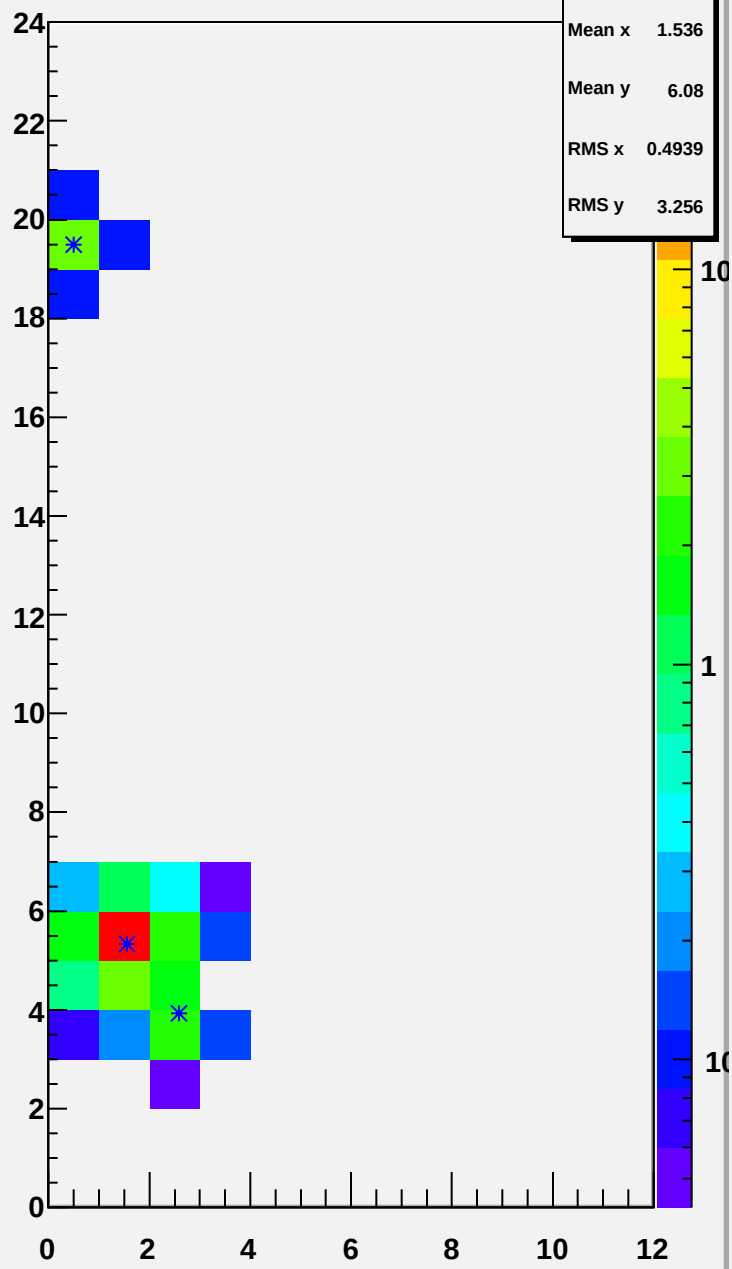


Efit	
Entries	288
Mean x	2.373
Mean y	3.5
RMS x	0.4611
RMS y	0.621

NSTB3_r4_c3_En=57.0_m0=0.137 m1=0.137 index=2202



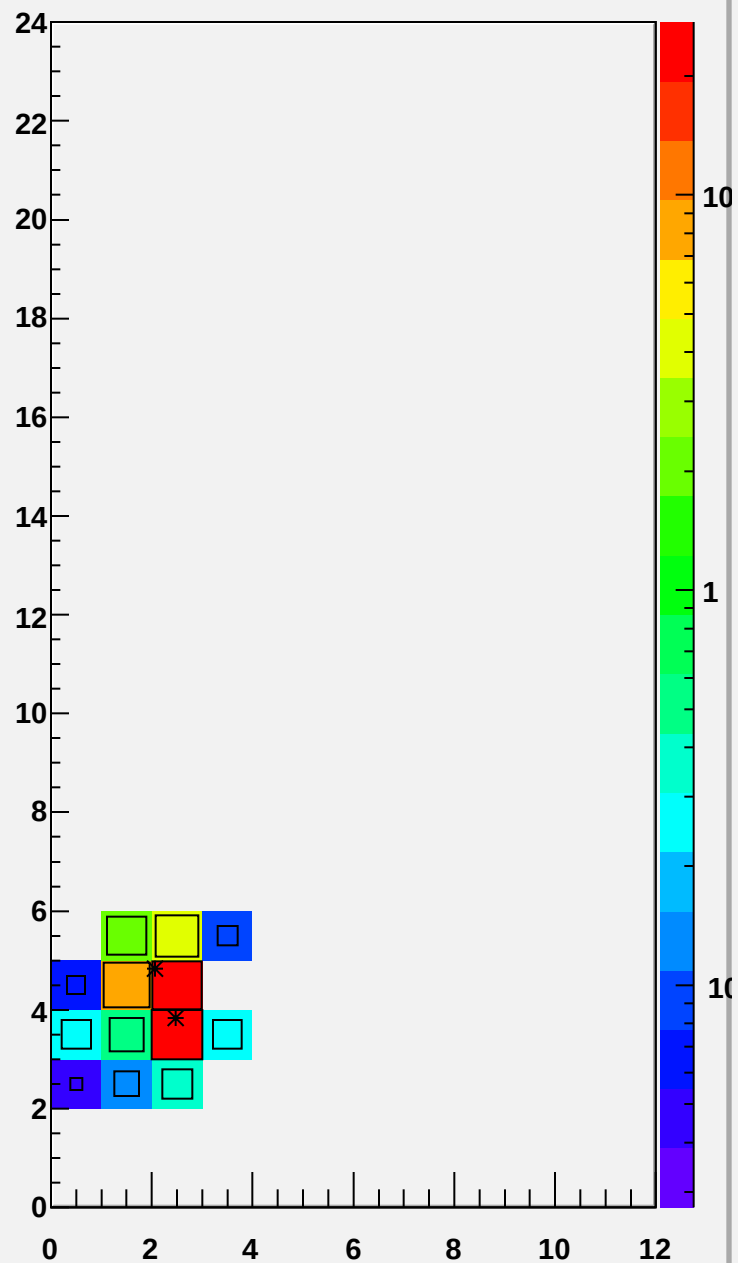
Fitted Energies



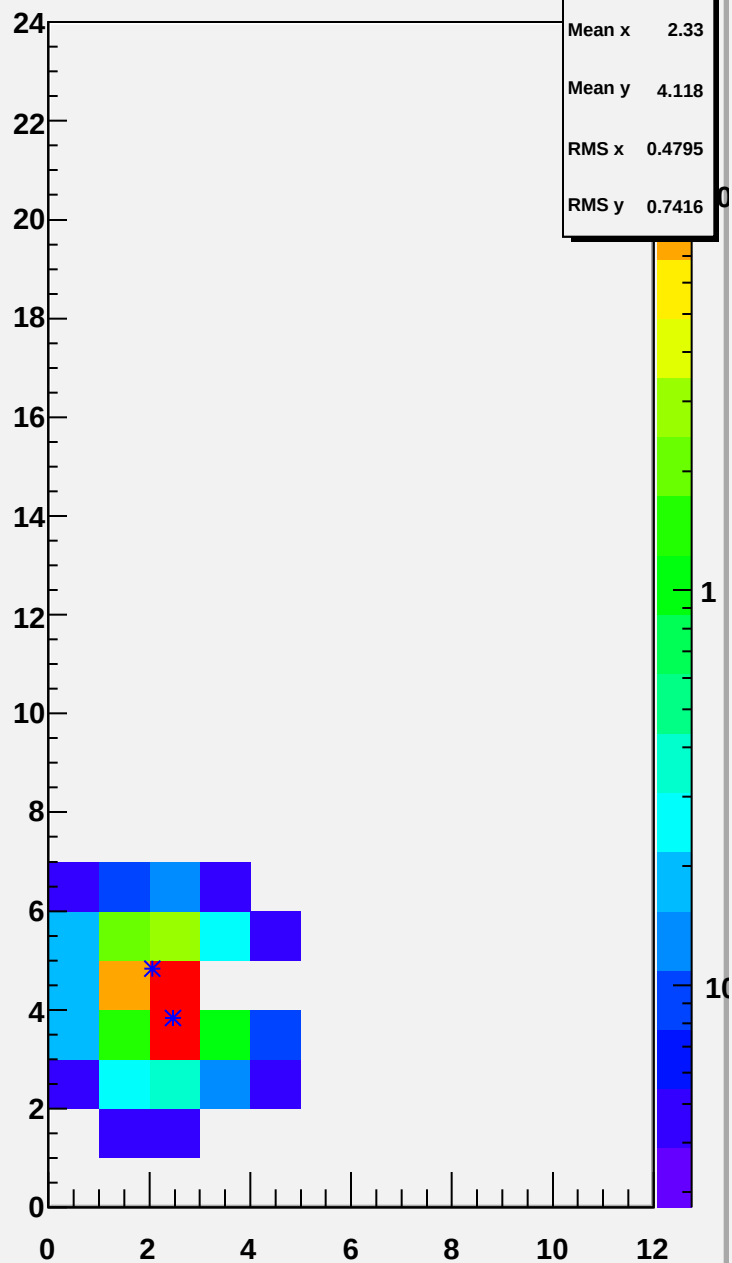
Efit

Entries	288
Mean x	1.536
Mean y	6.08
RMS x	0.4939
RMS y	3.256

NSTB3_r4_c3_En=61.8_m0=0.185 m1=0.186 index=2203



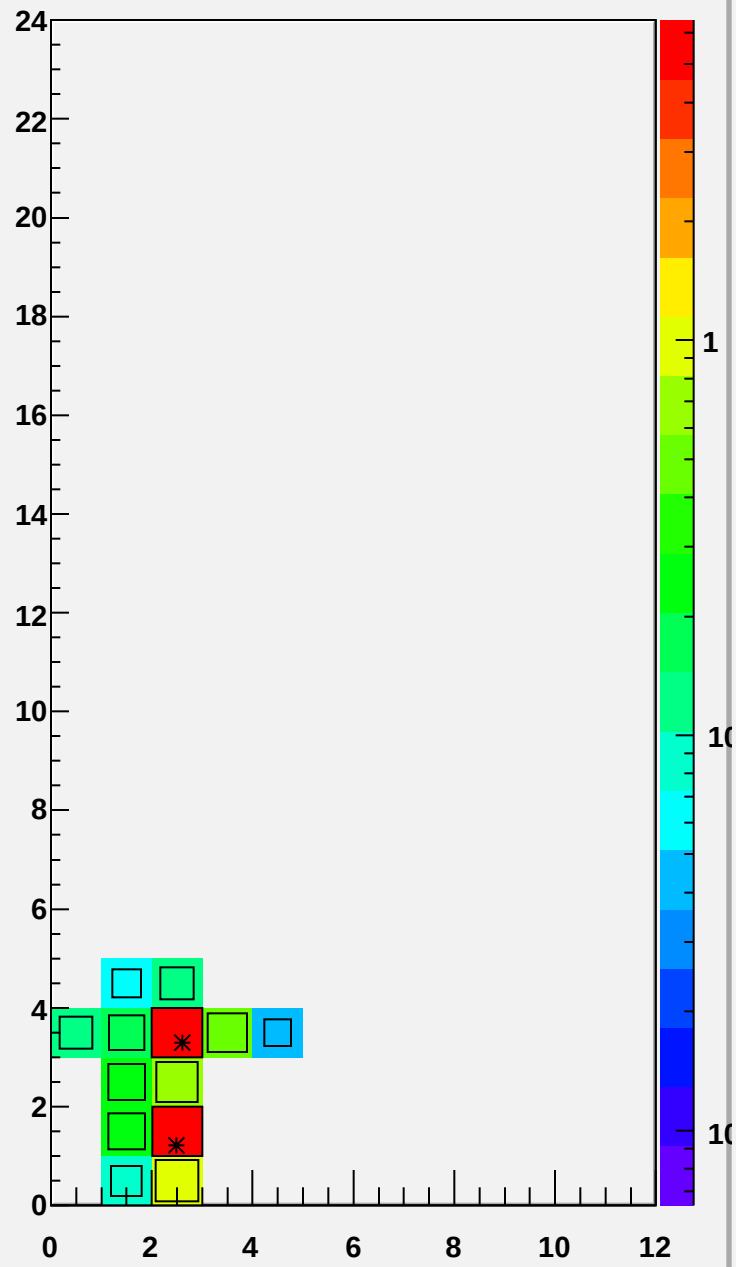
Fitted Energies



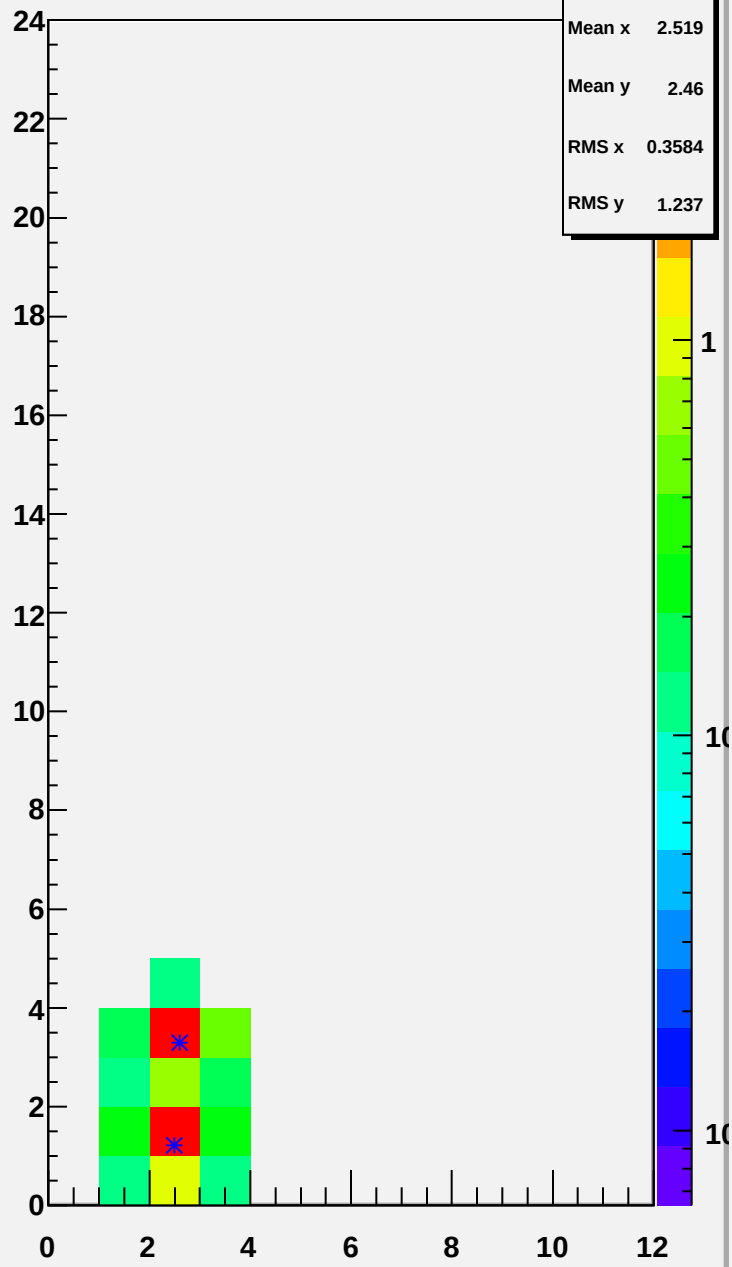
Efit

Entries	288
Mean x	2.33
Mean y	4.118
RMS x	0.4795
RMS y	0.7416

NSTB3_r4_c3_En=15.3_m0=0.091 m1=0.091 index=2205

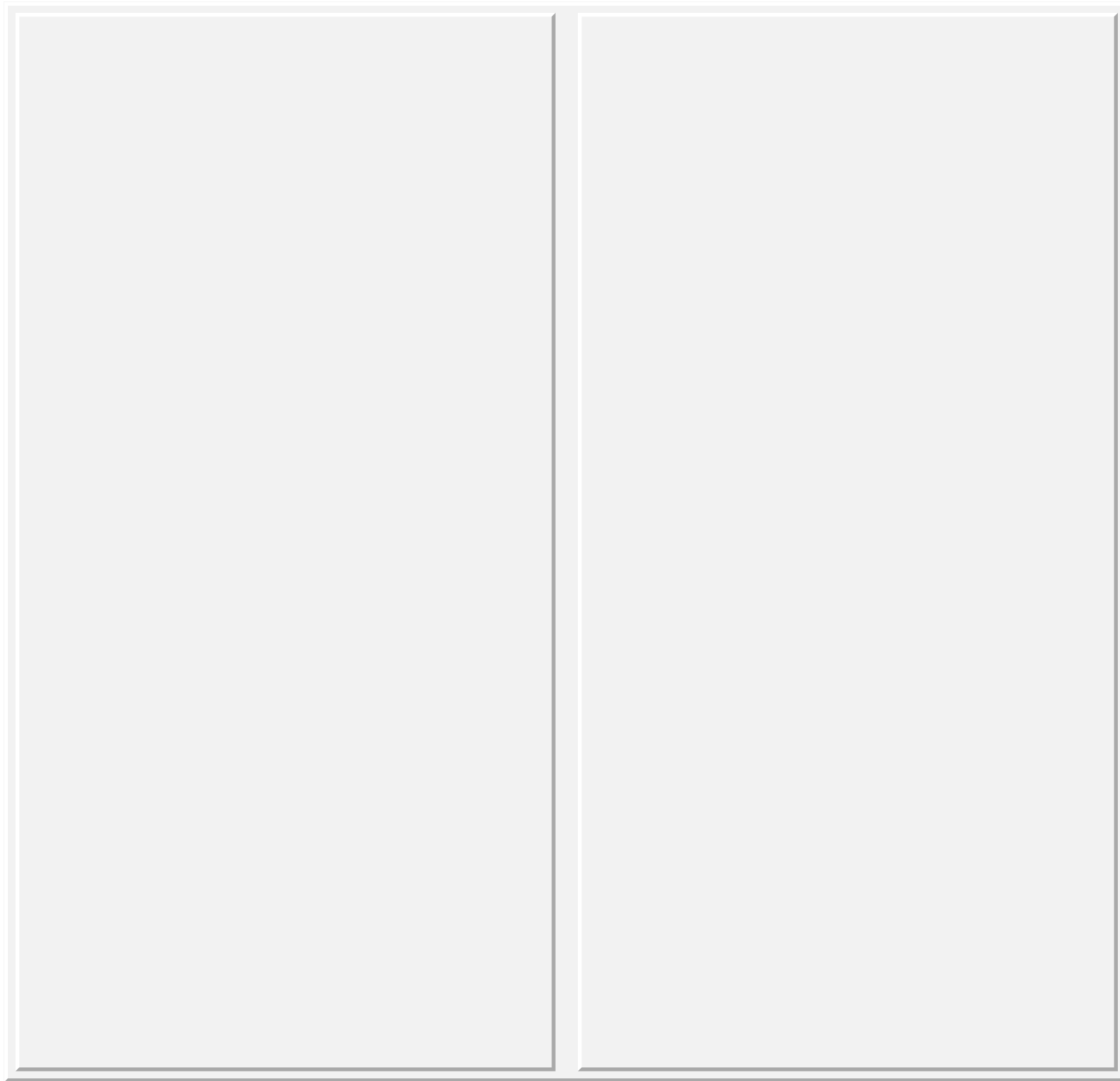


Fitted Energies

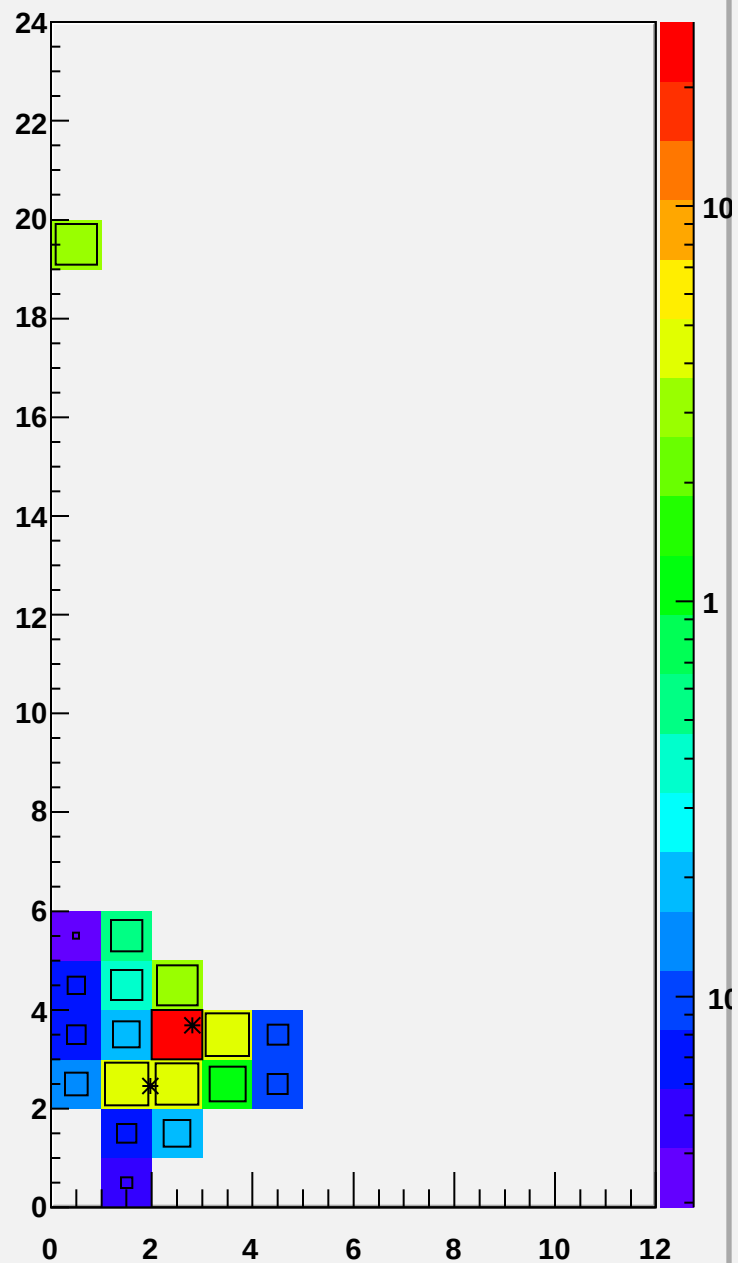


Efit

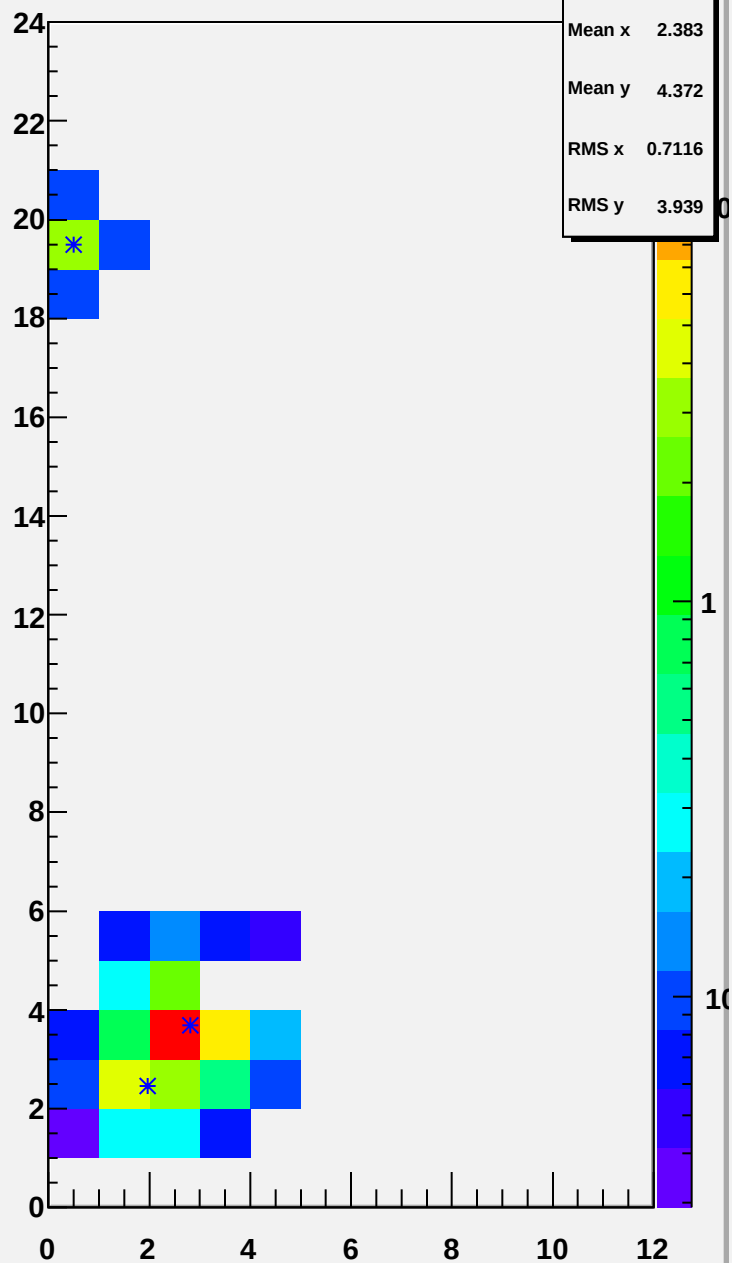
Entries	288
Mean x	2.519
Mean y	2.46
RMS x	0.3584
RMS y	1.237



NSTB3_r4_c3_En=51.8_m0=0.151 m1=0.151 index=2207



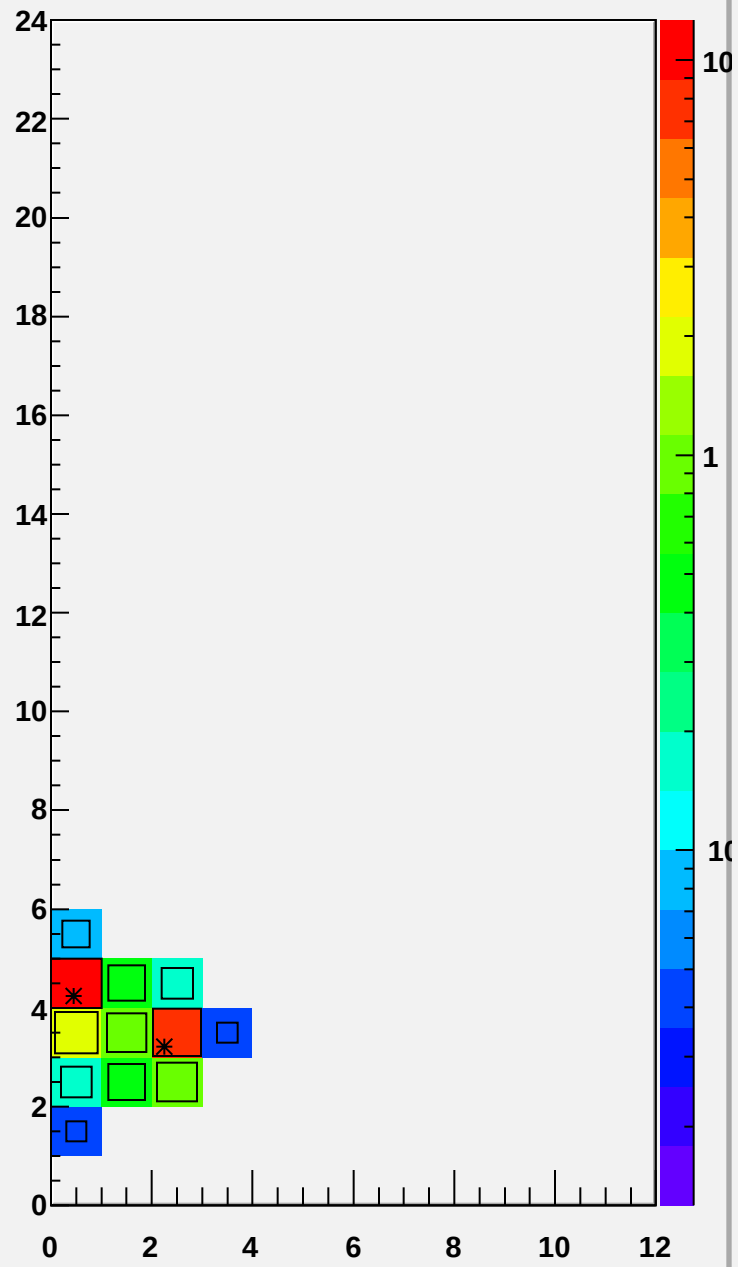
Fitted Energies



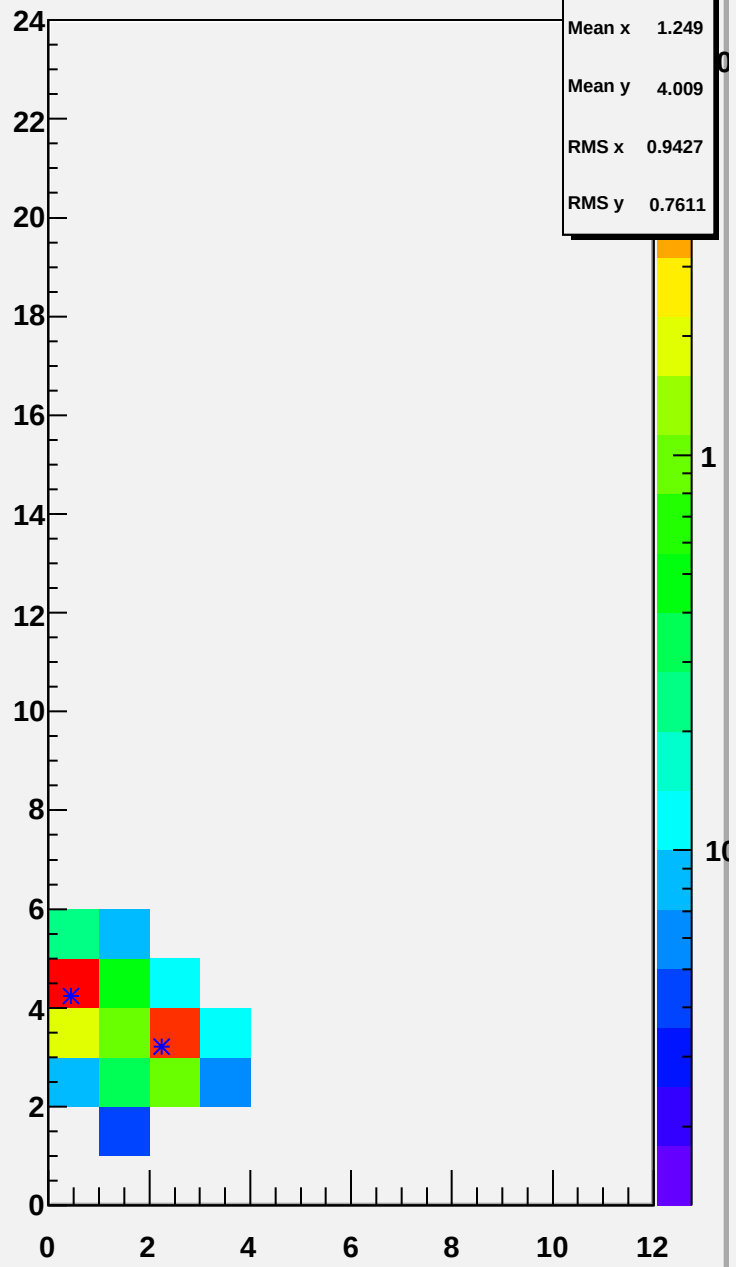
Efit

Entries	288
Mean x	2.383
Mean y	4.372
RMS x	0.7116
RMS y	3.939

NSTB3_r4_c3_En=24.4_m0=0.143 m1=0.143 index=2208



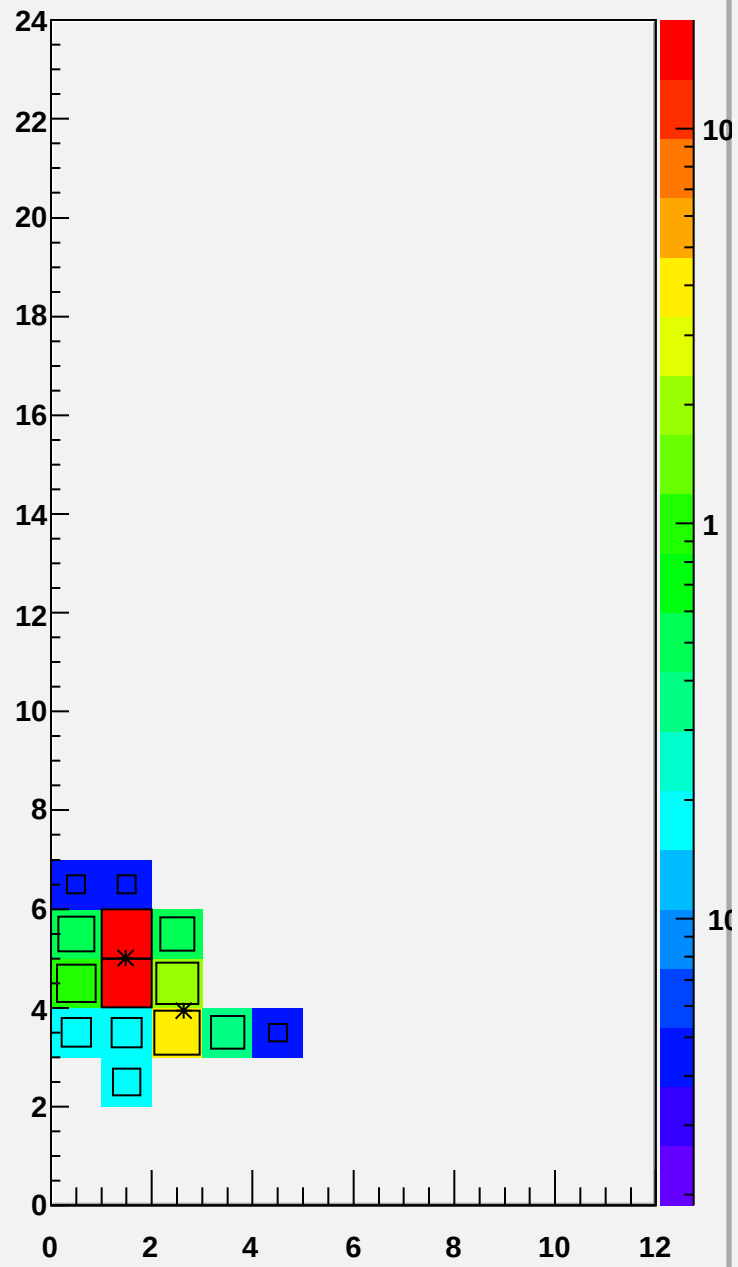
Fitted Energies



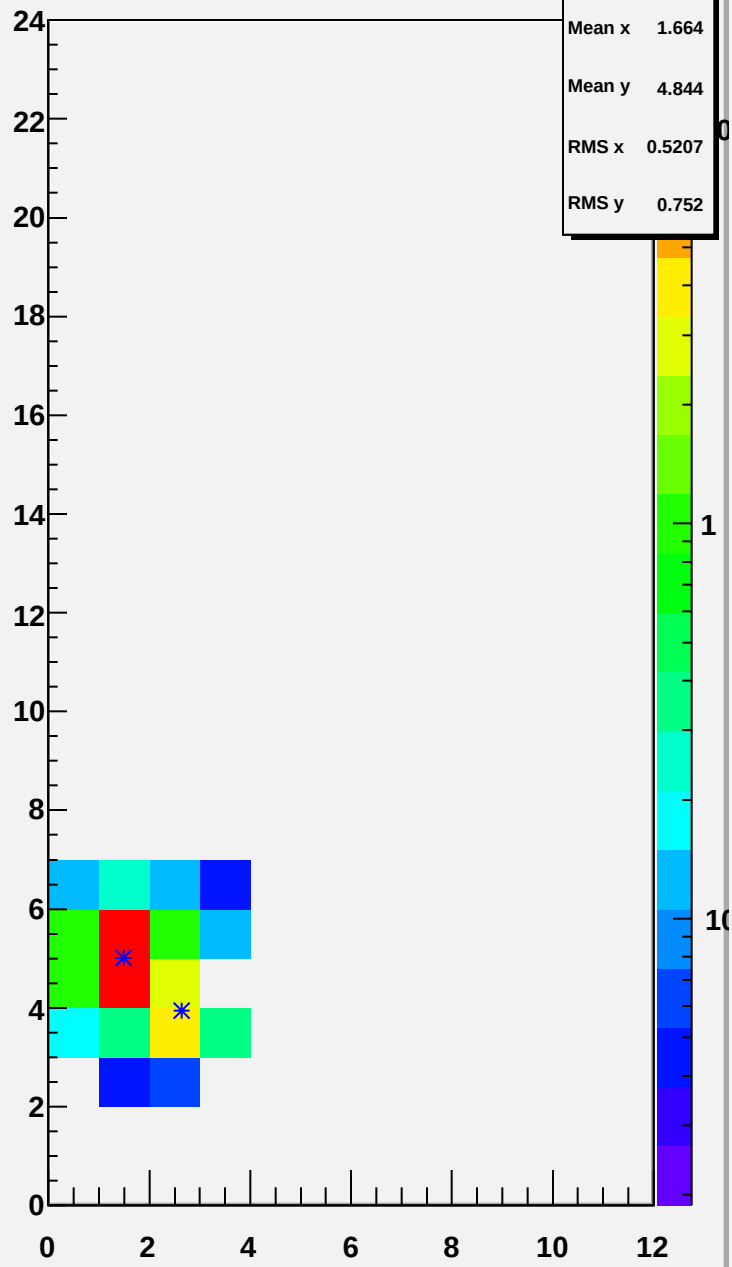
Efit

Entries	288
Mean x	1.249
Mean y	4.009
RMS x	0.9427
RMS y	0.7611

NSTB3_r4_c3_En=45.4_m0=0.155_m1=0.156_index=2209



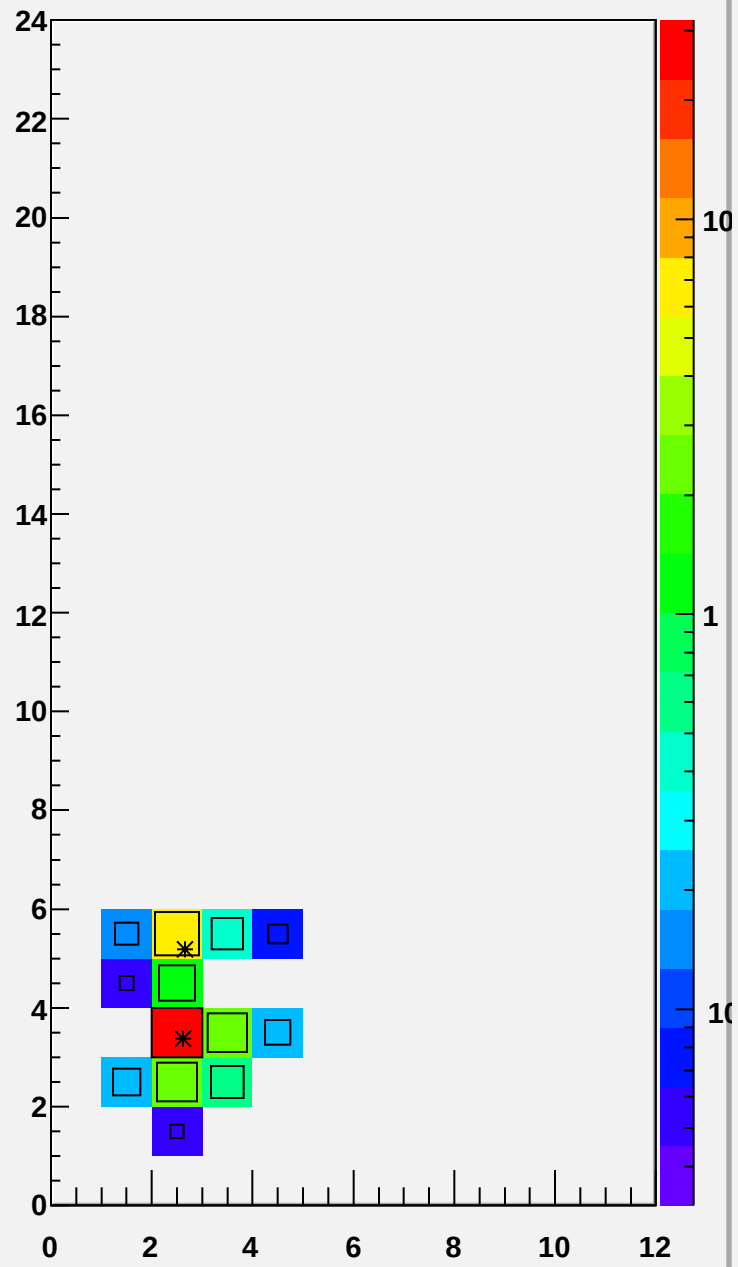
Fitted Energies



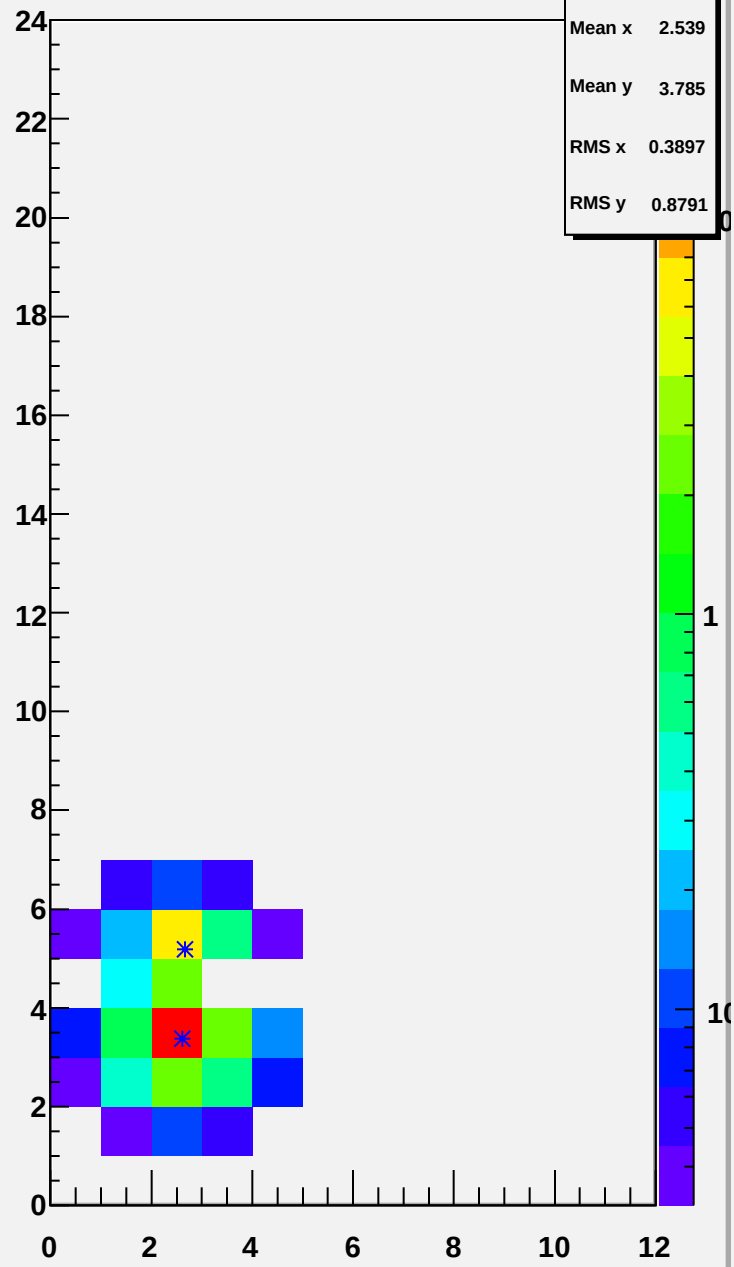
Efit

Entries	288
Mean x	1.664
Mean y	4.844
RMS x	0.5207
RMS y	0.752

NSTB3_r4_c3_En=45.7_m0=0.186 m1=0.186 index=2210



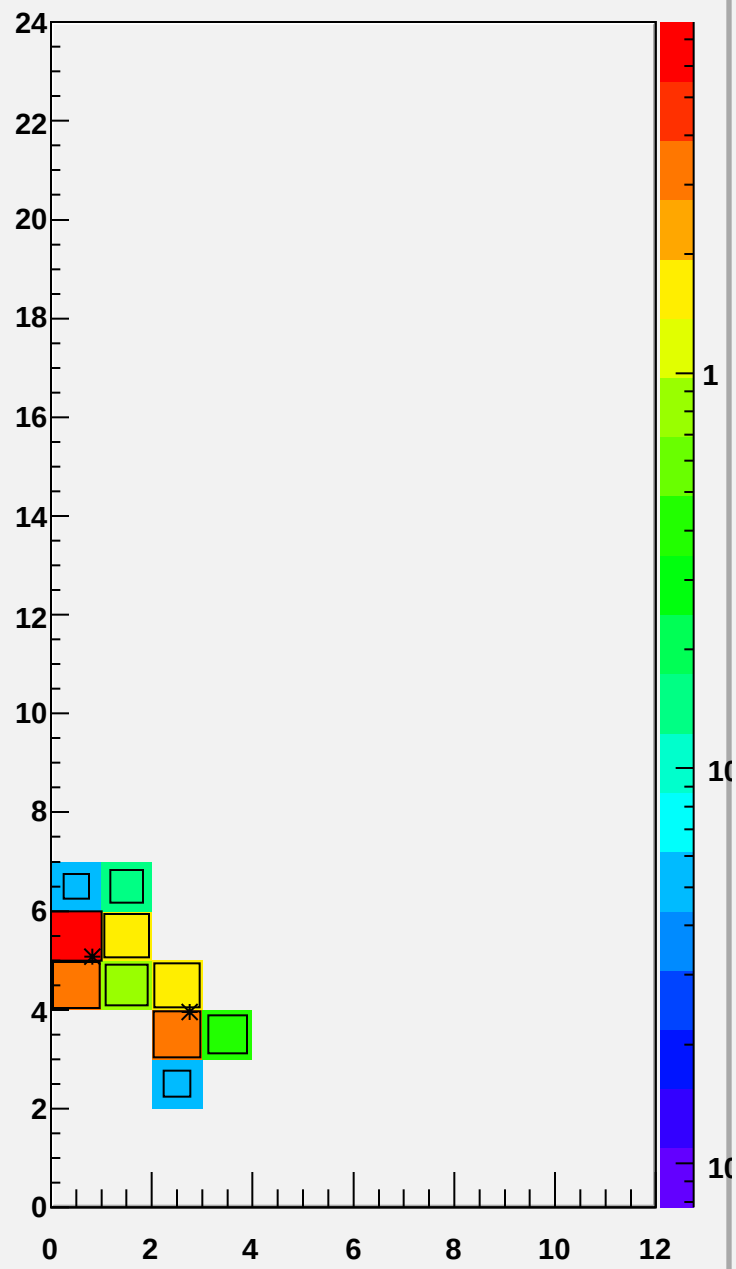
Fitted Energies



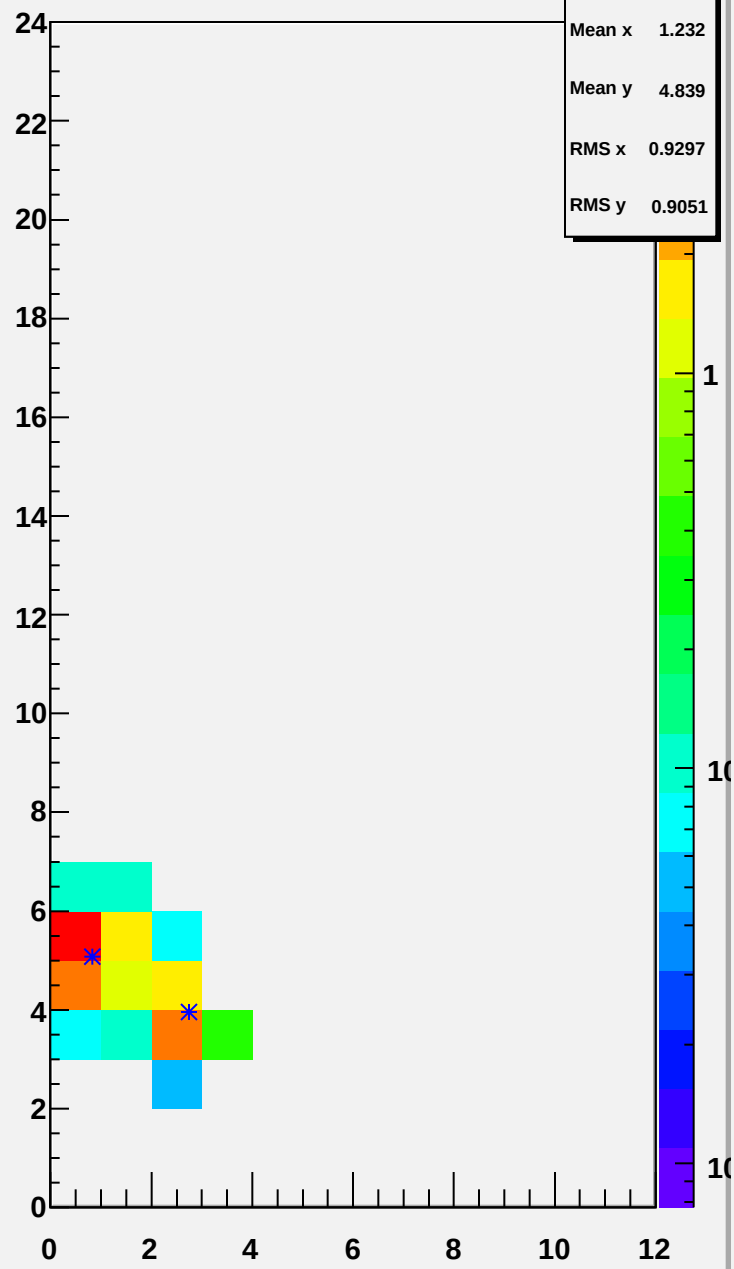
Efit

Entries	288
Mean x	2.539
Mean y	3.785
RMS x	0.3897
RMS y	0.8791

NSTB3_r4_c3_En=18.9_m0=0.112 m1=0.112 index=2211



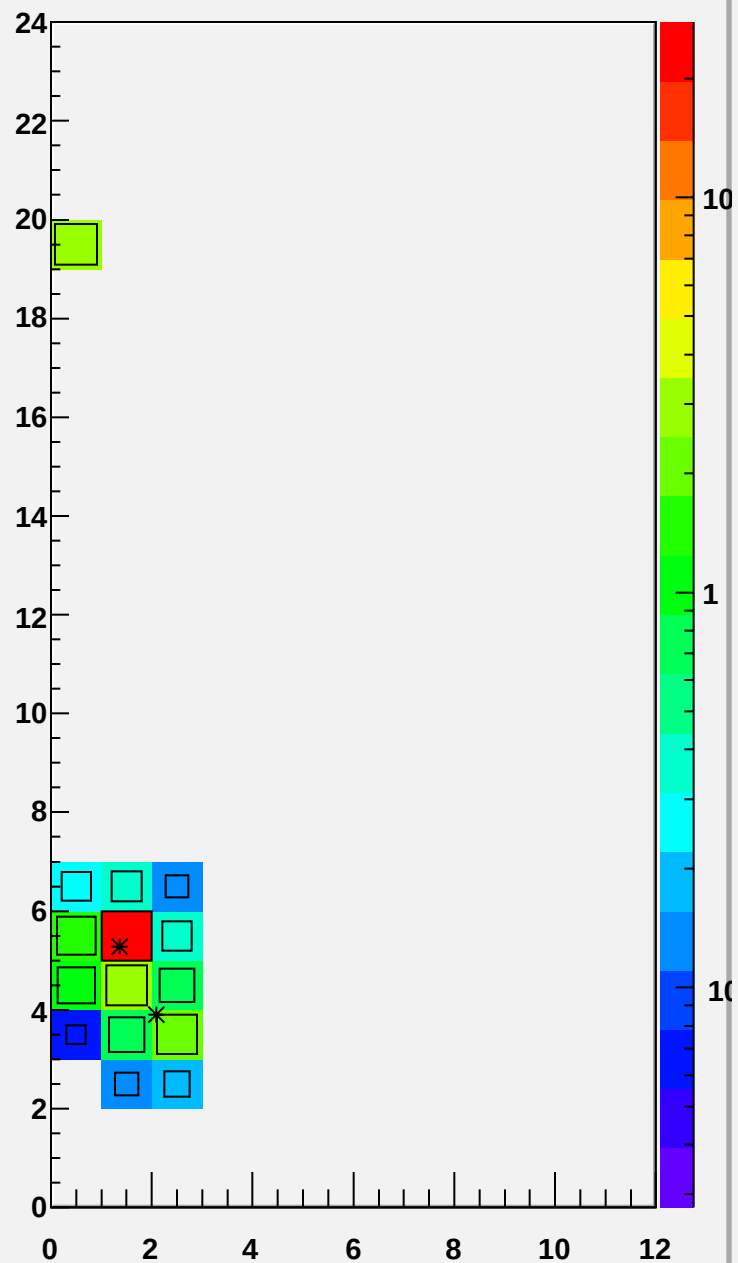
Fitted Energies



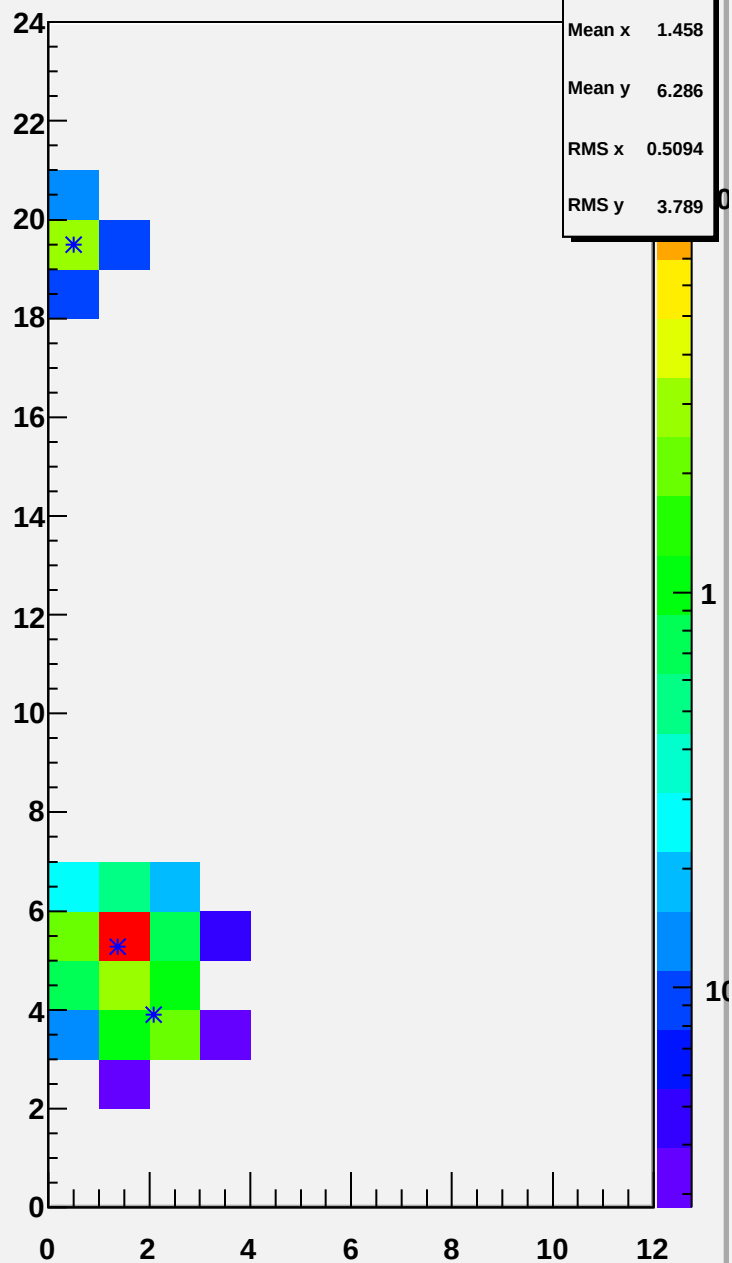
Efit

Entries	288
Mean x	1.232
Mean y	4.839
RMS x	0.9297
RMS y	0.9051

NSTB3_r4_c3_En=41.5_m0=0.106 m1=0.106 index=2212



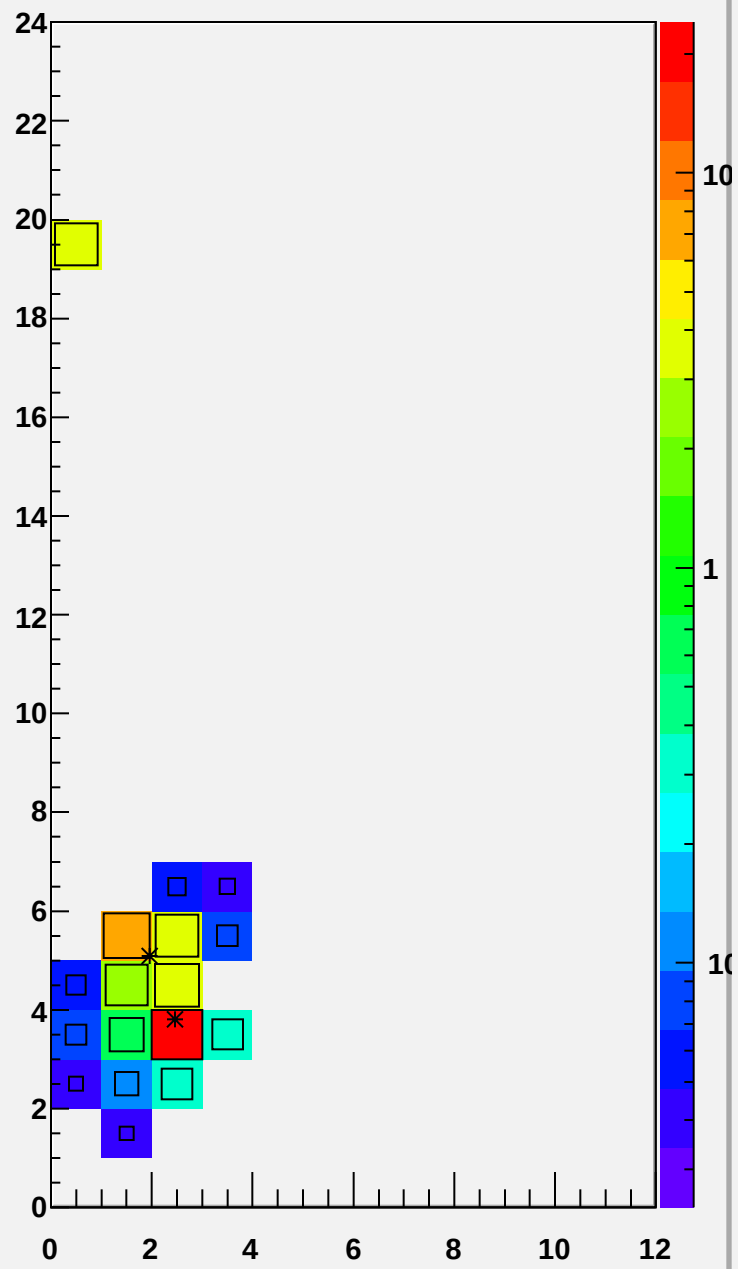
Fitted Energies



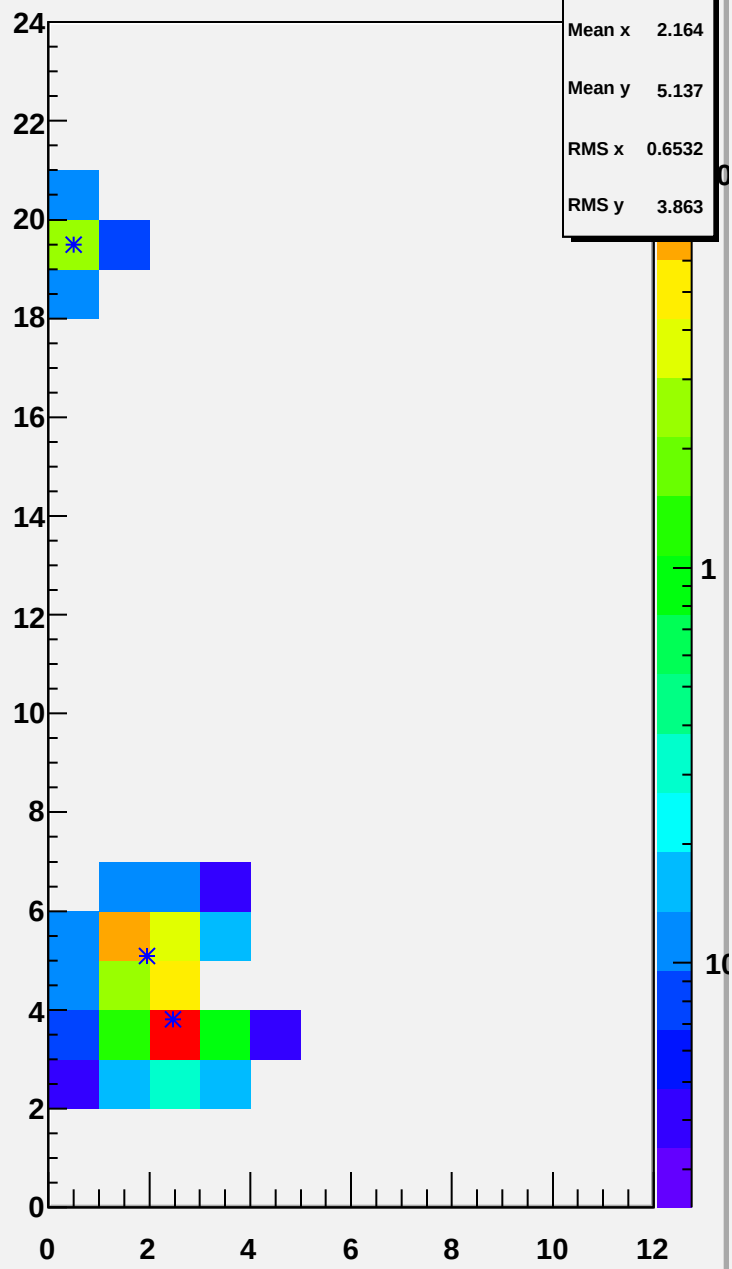
Efit

Entries	288
Mean x	1.458
Mean y	6.286
RMS x	0.5094
RMS y	3.789

NSTB3_r4_c3_En=46.4_m0=0.165 m1=0.166 index=2213



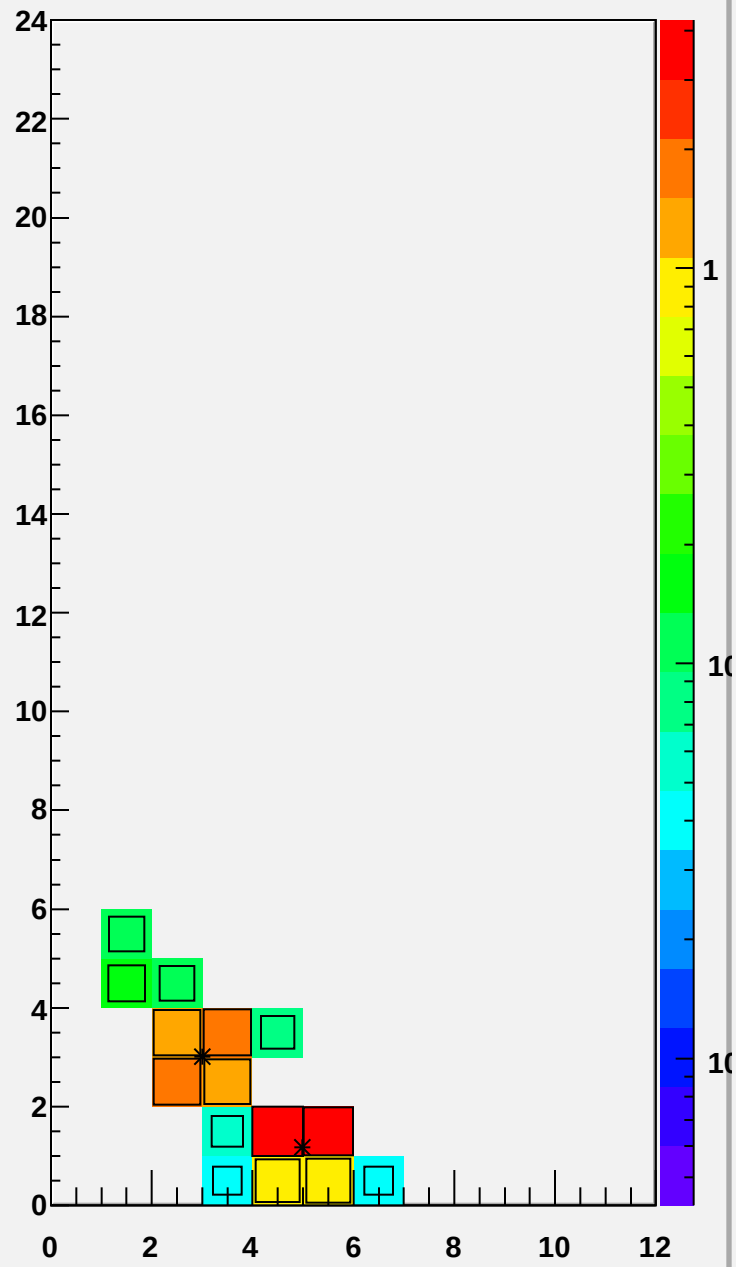
Fitted Energies



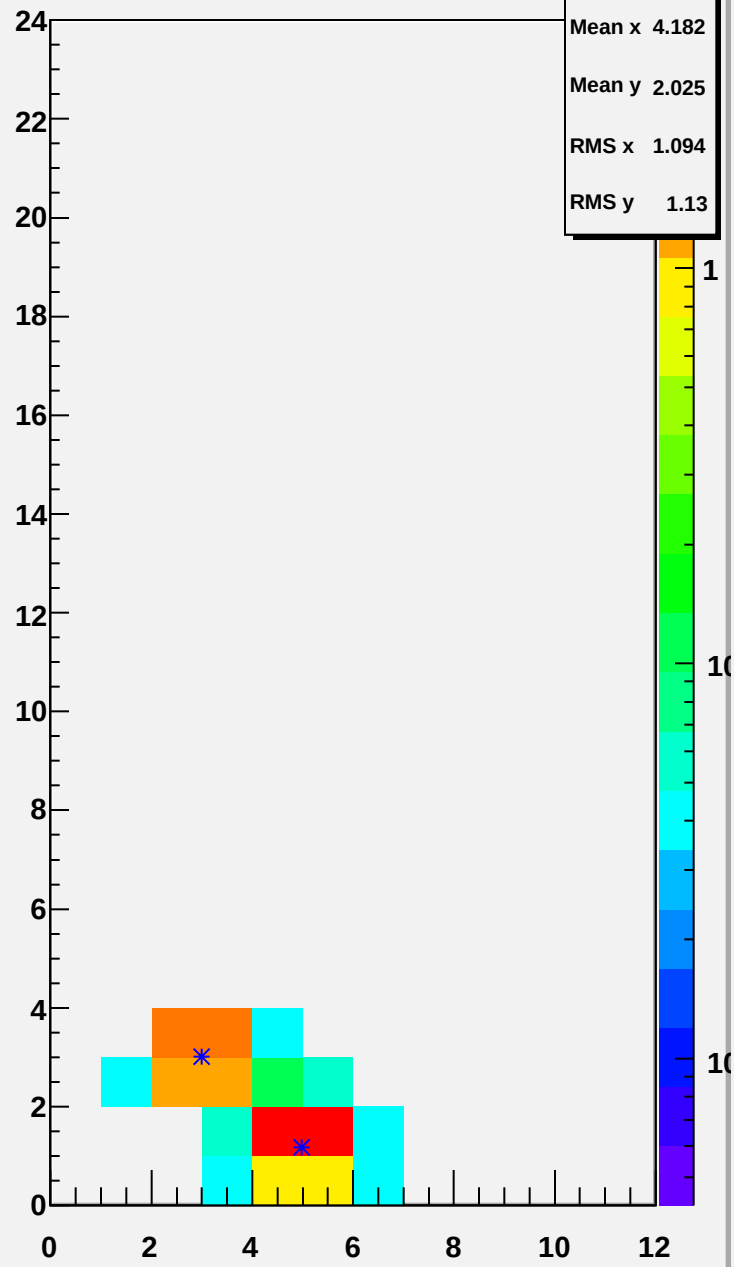
Efit

Entries	288
Mean x	2.164
Mean y	5.137
RMS x	0.6532
RMS y	3.863

NSTB3_r4_c3_En=15.8_m0=0.117 m1=0.117 index=2214



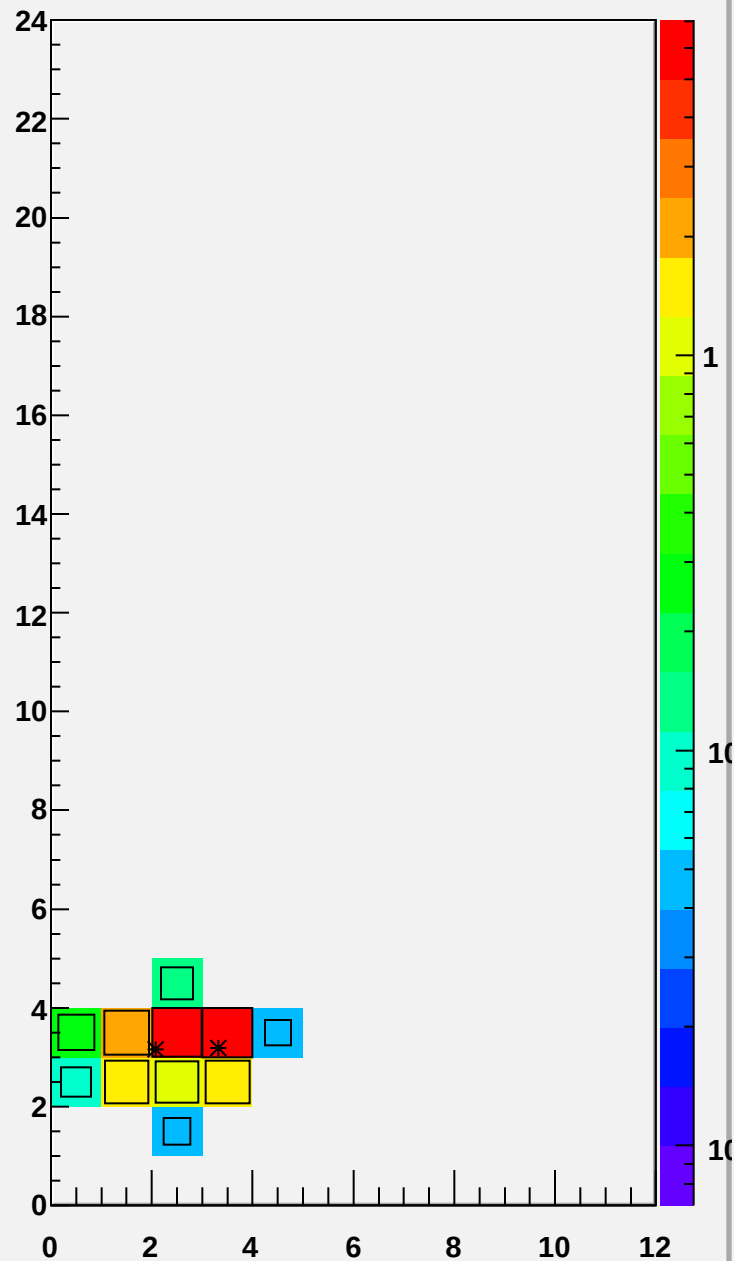
Fitted Energies



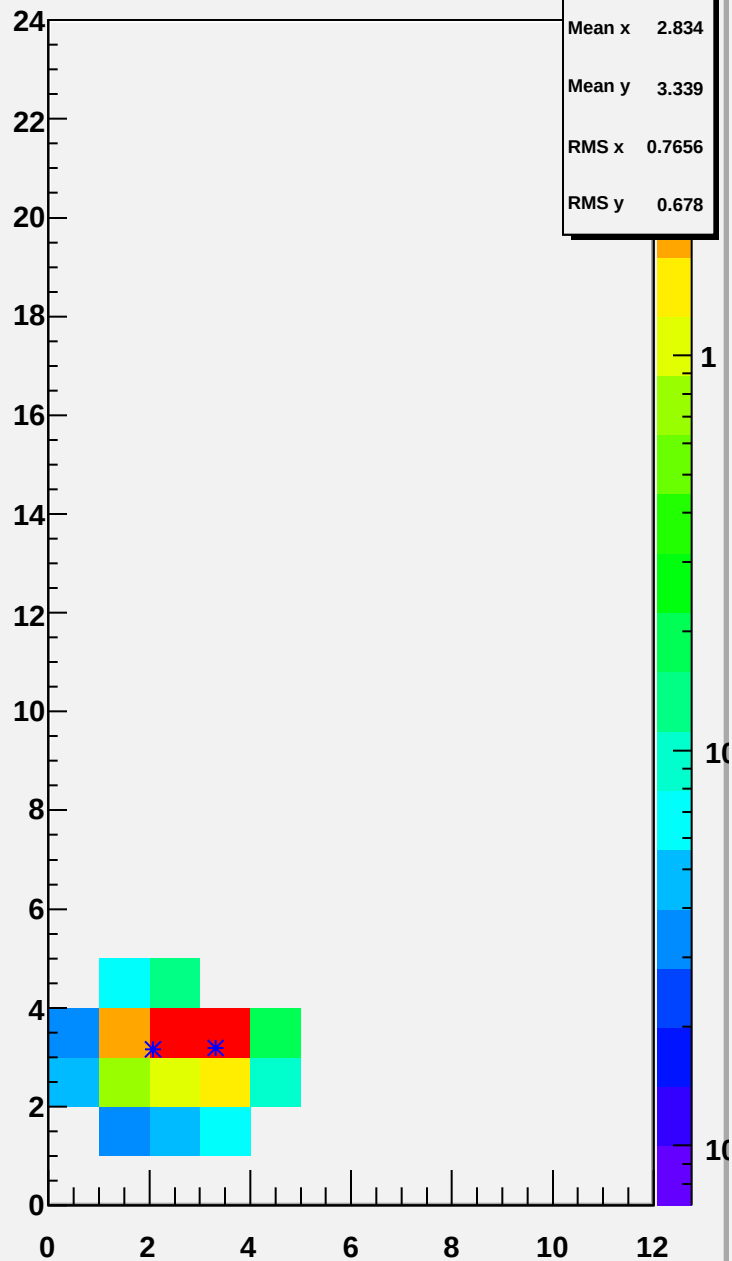
Efit

Entries 288
Mean x 4.182
Mean y 2.025
RMS x 1.094
RMS y 1.13

NSTB3_r4_c3_En=18.5_m0=0.062 m1=0.062 index=2215



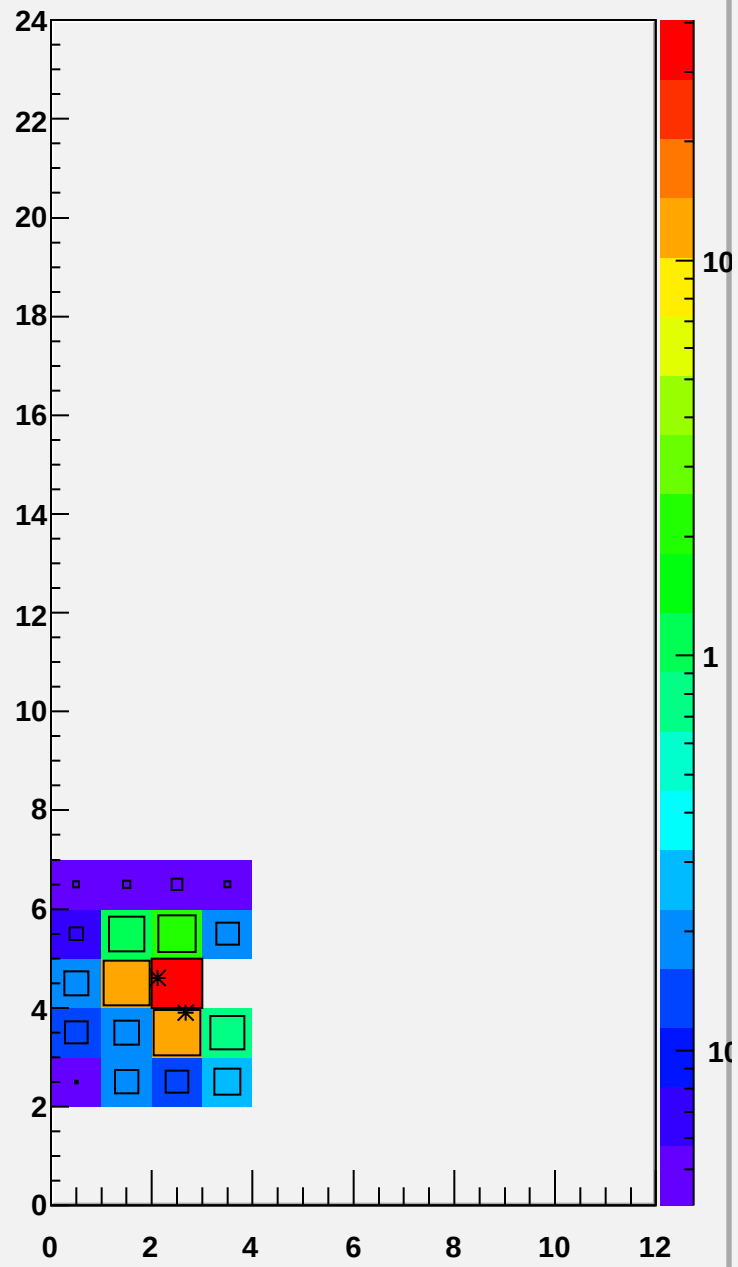
Fitted Energies



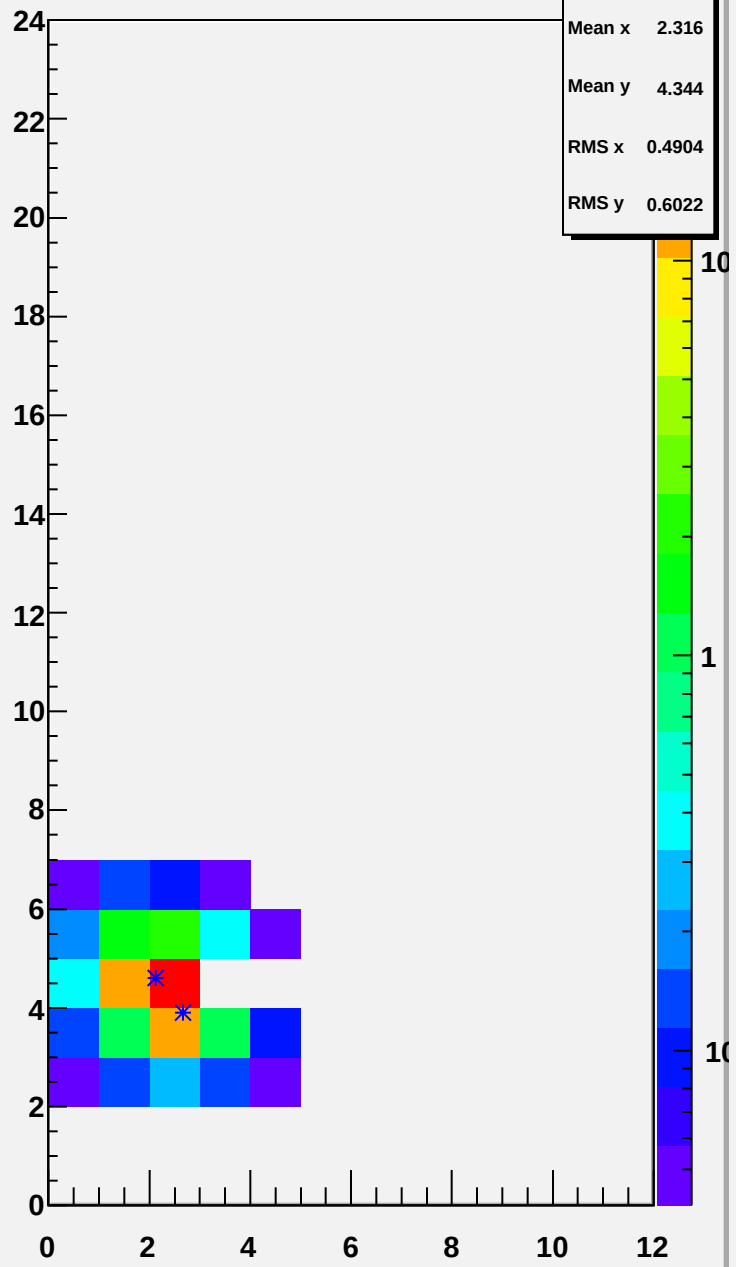
Efit

Entries	288
Mean x	2.834
Mean y	3.339
RMS x	0.7656
RMS y	0.678

NSTB3_r4_c3_En=71.9_m0=0.155 m1=0.156 index=2216



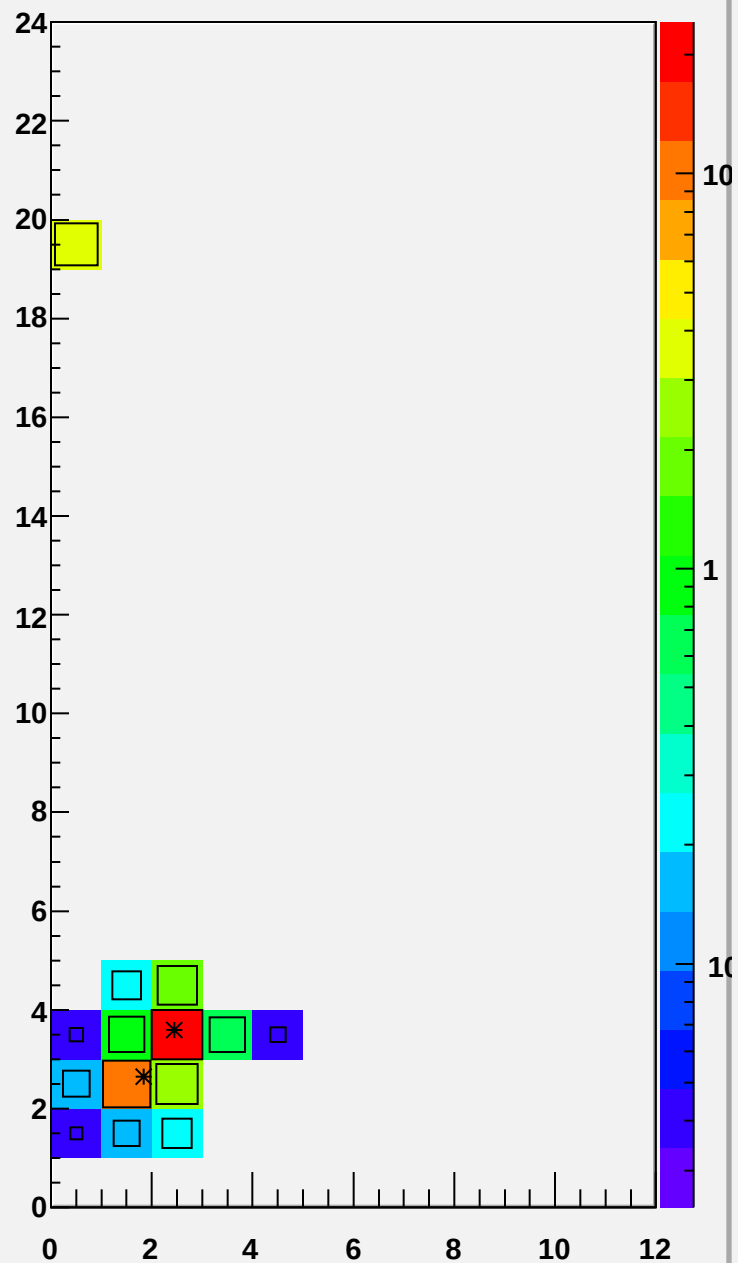
Fitted Energies



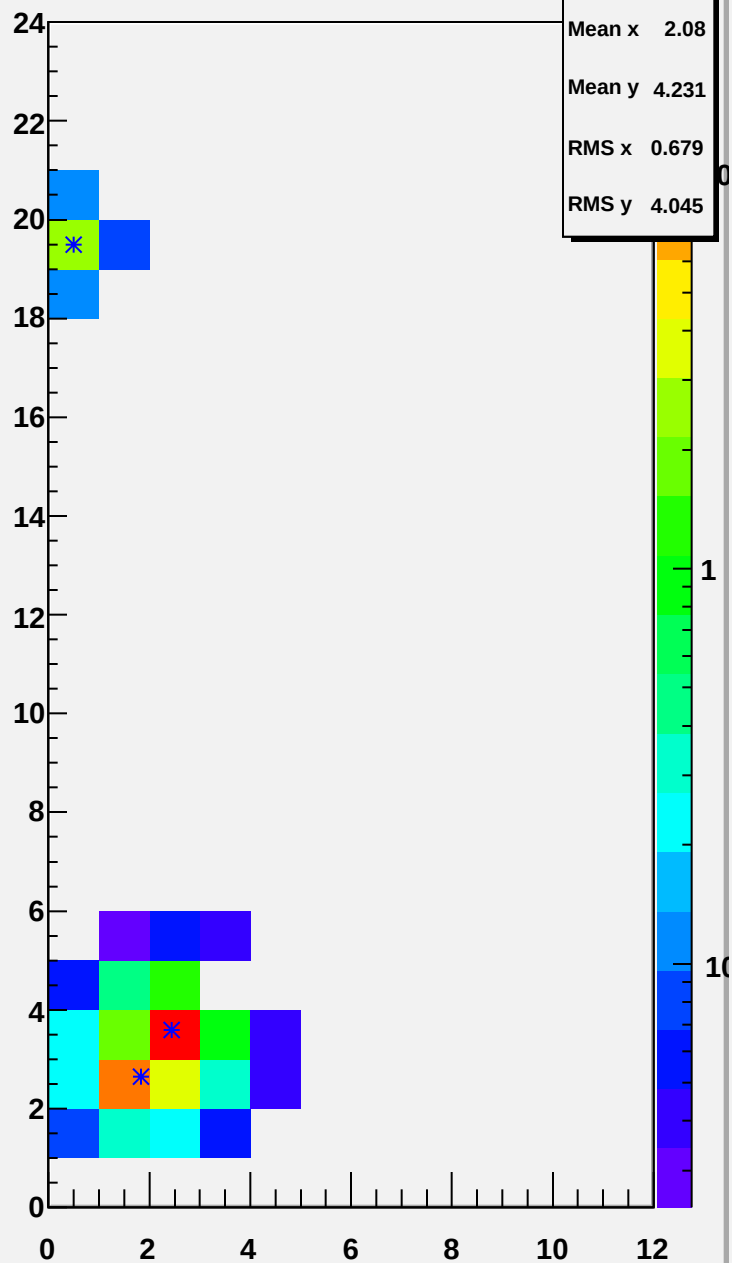
Efit

Entries	288
Mean x	2.316
Mean y	4.344
RMS x	0.4904
RMS y	0.6022

NSTB3_r4_c3_En=45.8_m0=0.137 m1=0.137 index=2217



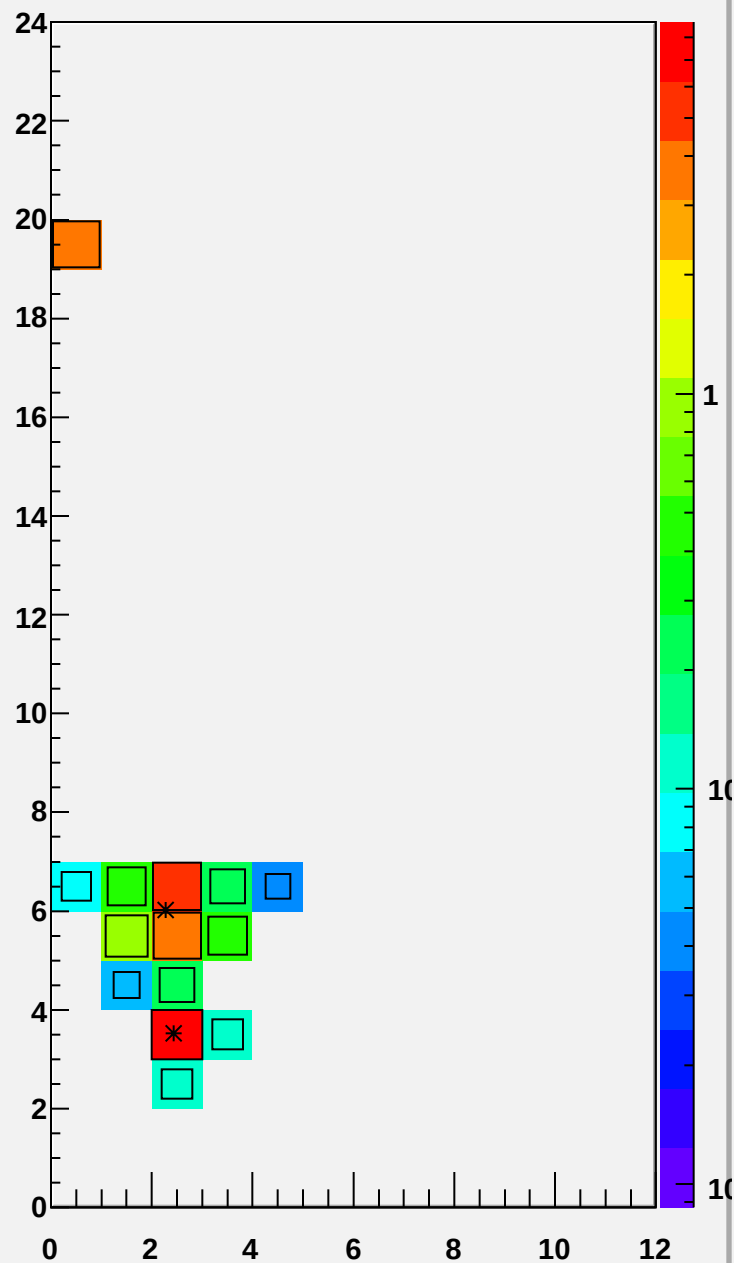
Fitted Energies



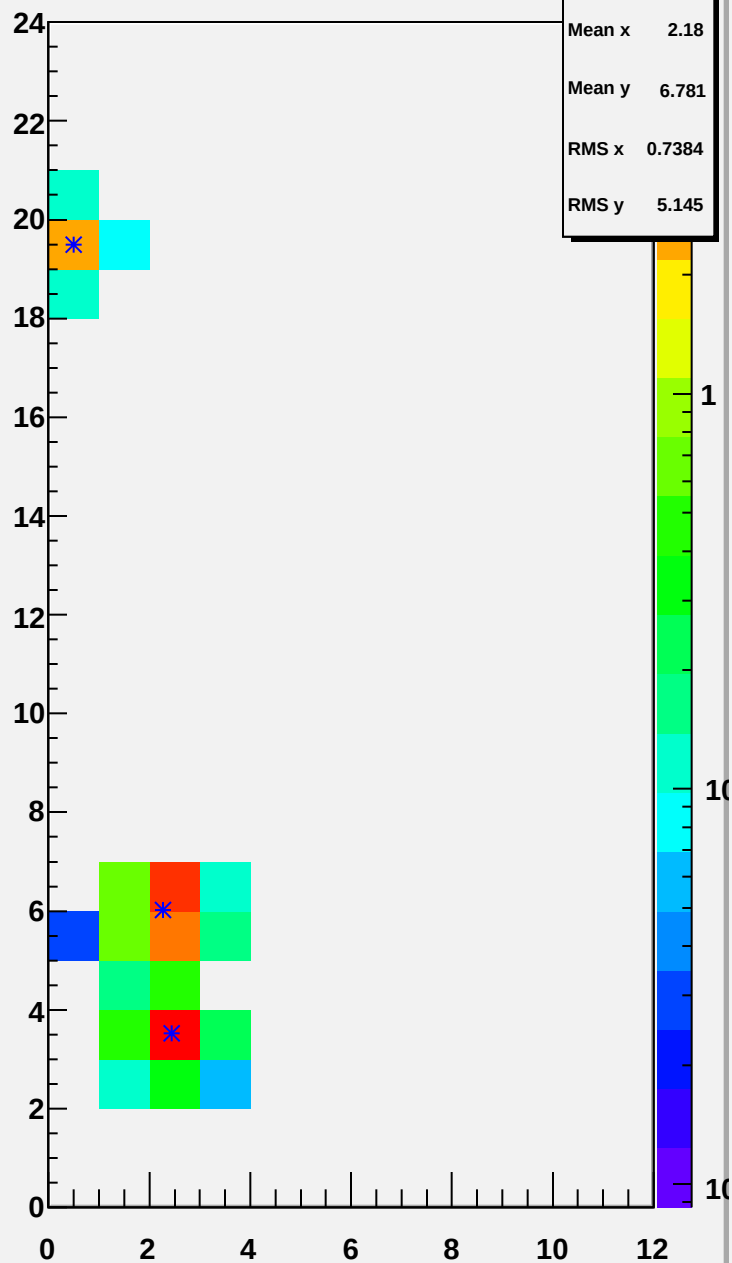
Efit

Entries 288
Mean x 2.08
Mean y 4.231
RMS x 0.679
RMS y 4.045

NSTB3_r4_c3_En=23.8_m0=0.148 m1=0.148 index=2219



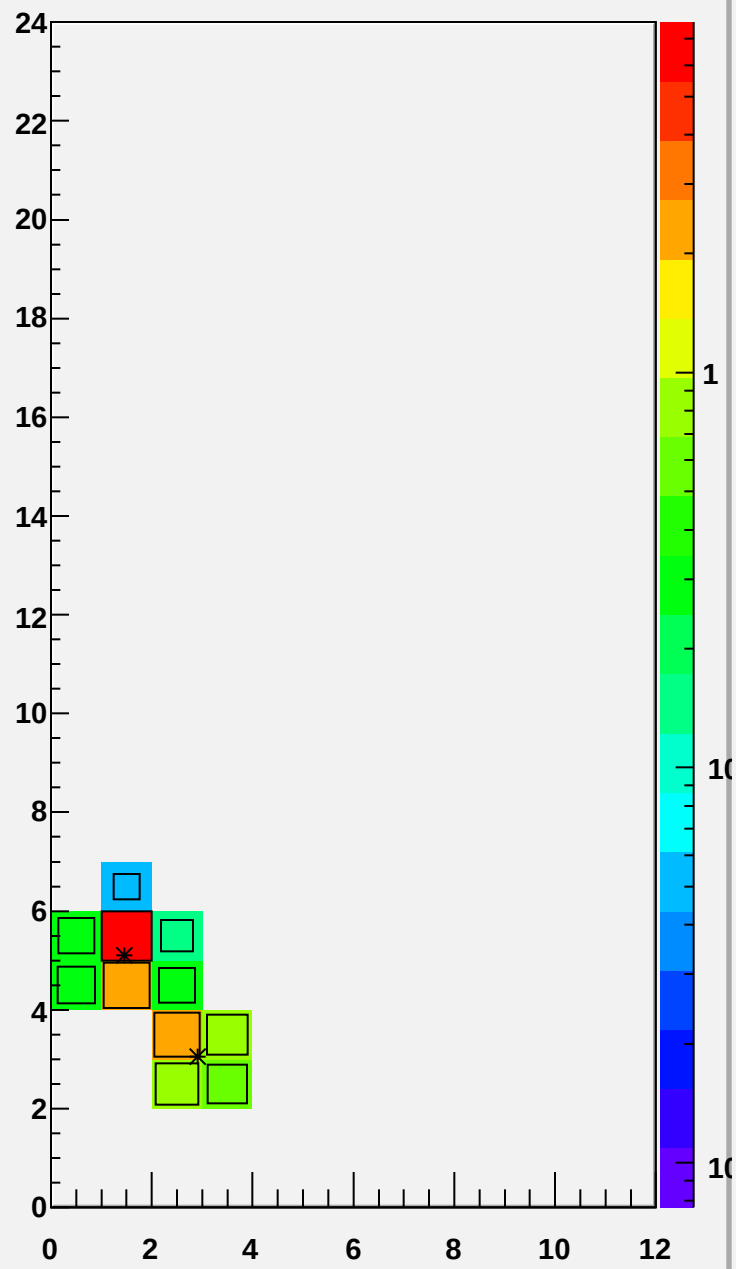
Fitted Energies



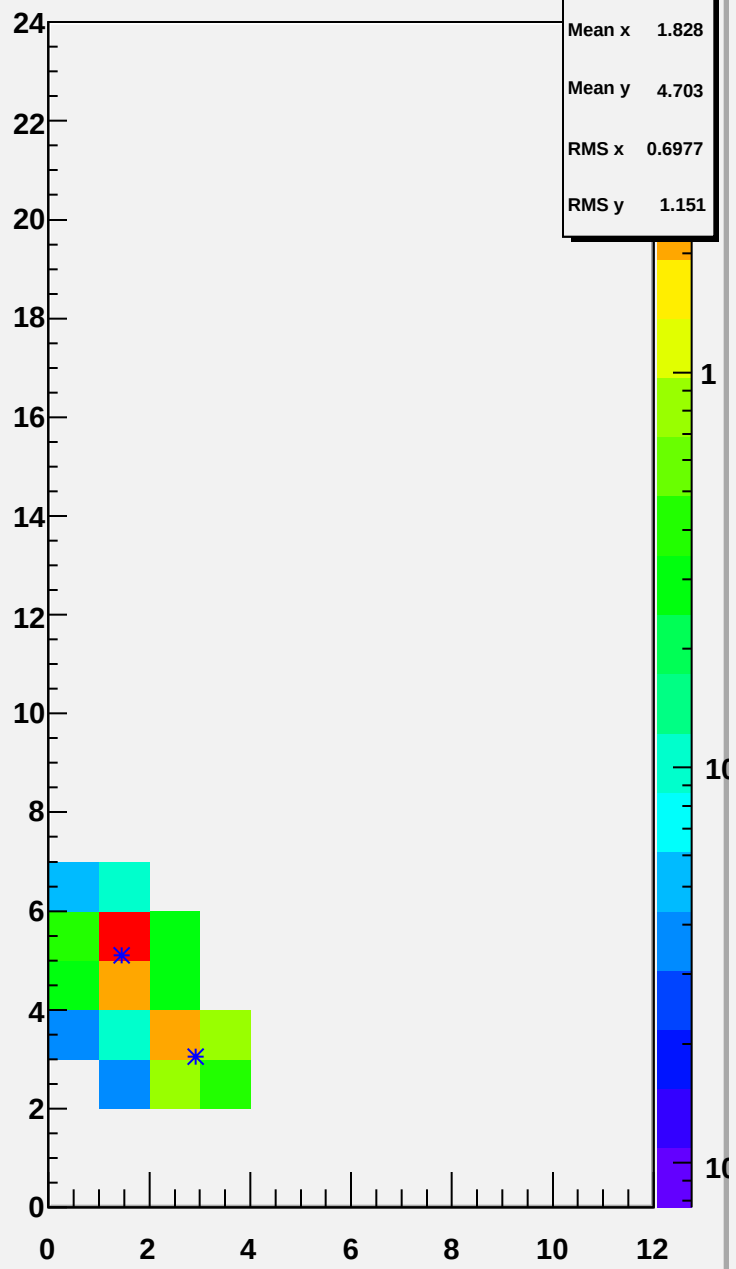
Efit

Entries	288
Mean x	2.18
Mean y	6.781
RMS x	0.7384
RMS y	5.145

NSTB3_r4_c3_En=15.4_m0=0.101 m1=0.101 index=2220



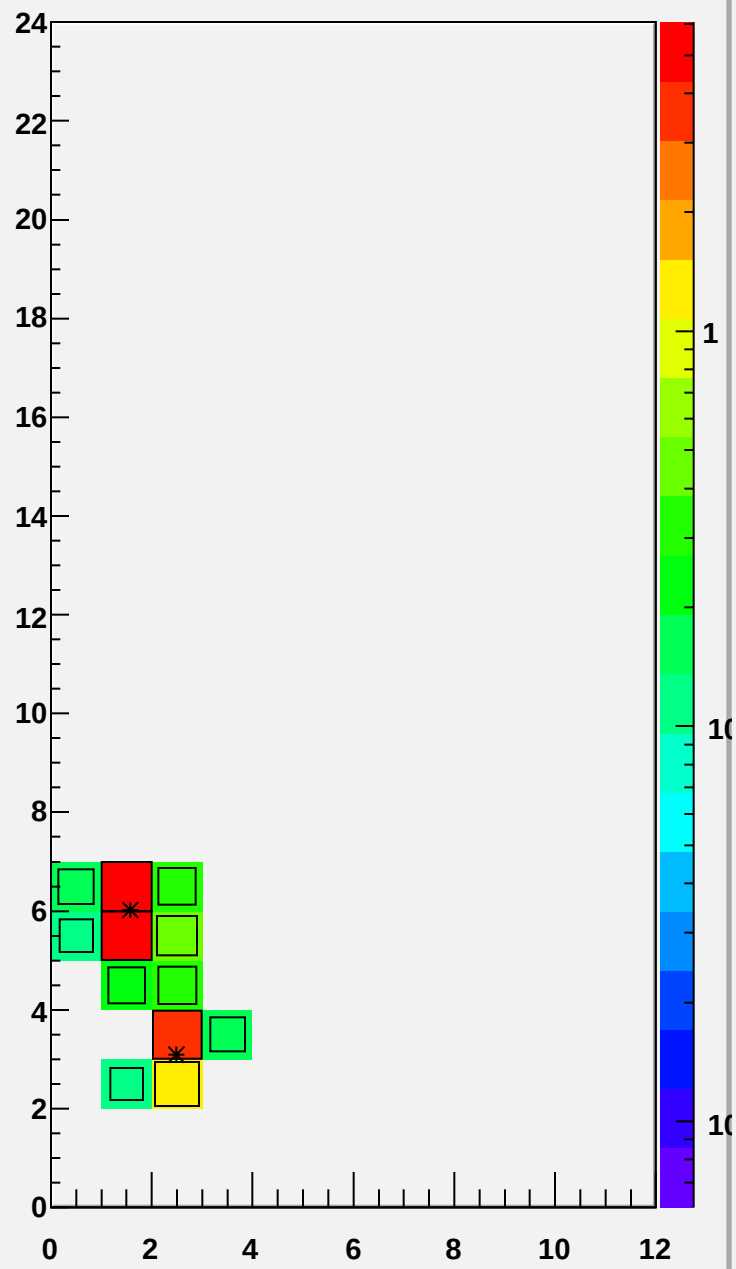
Fitted Energies



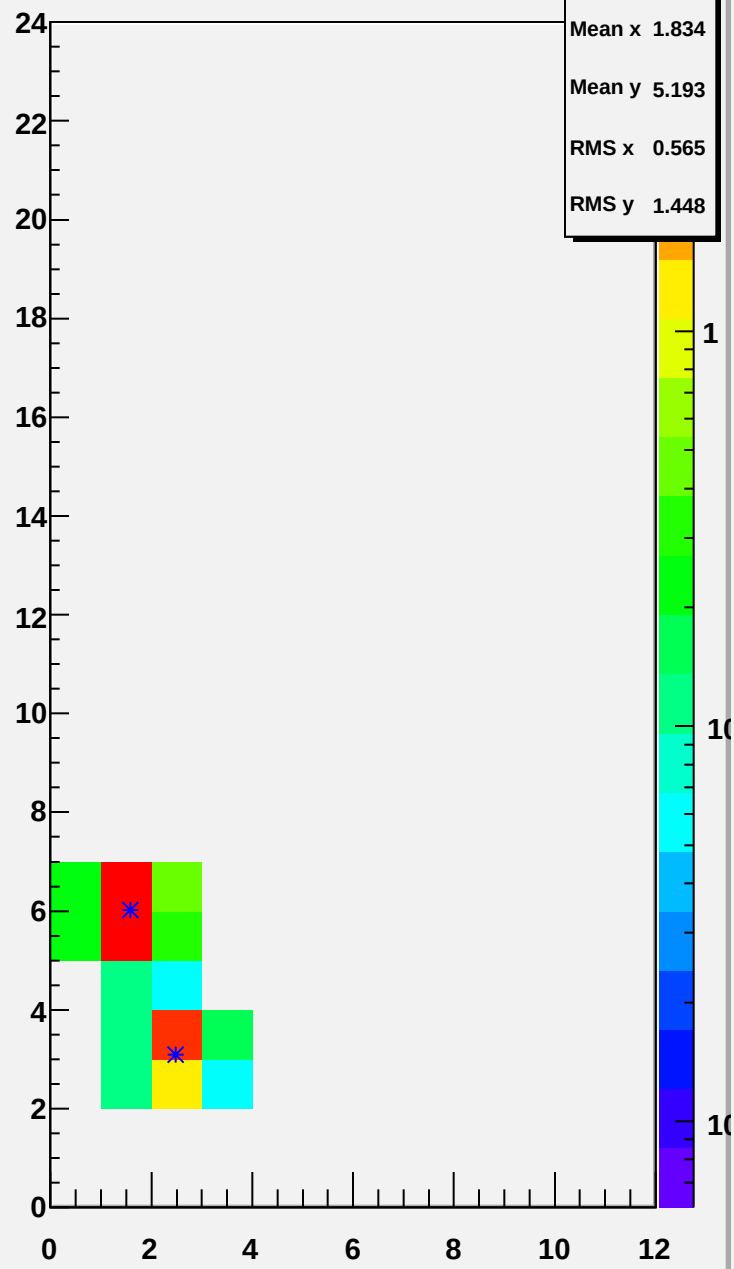
Efit

Entries	288
Mean x	1.828
Mean y	4.703
RMS x	0.6977
RMS y	1.151

NSTB3_r4_c3_En=17.7_m0=0.145 m1=0.145 index=2221



Fitted Energies



Efit

Entries 288

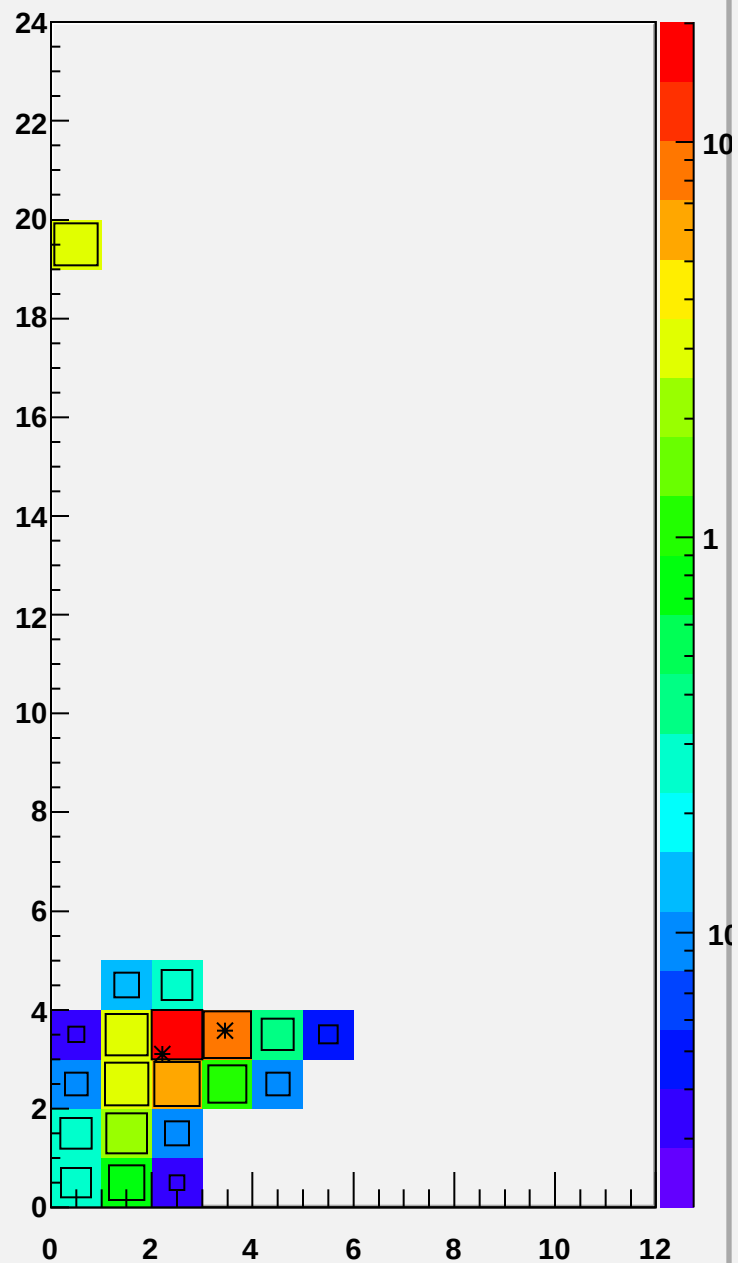
Mean x 1.834

Mean y 5.193

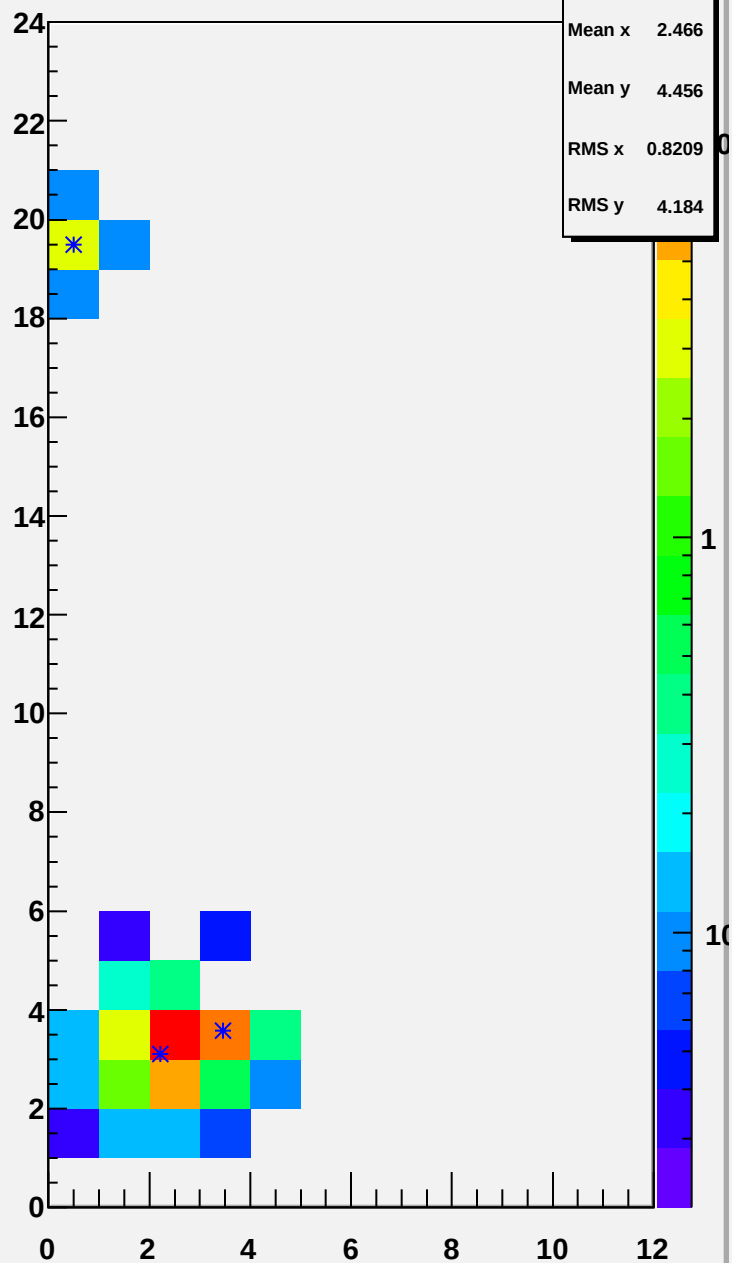
RMS x 0.565

RMS y 1.448

NSTB3_r4_c3_En=48.7_m0=0.133 m1=0.133 index=2223



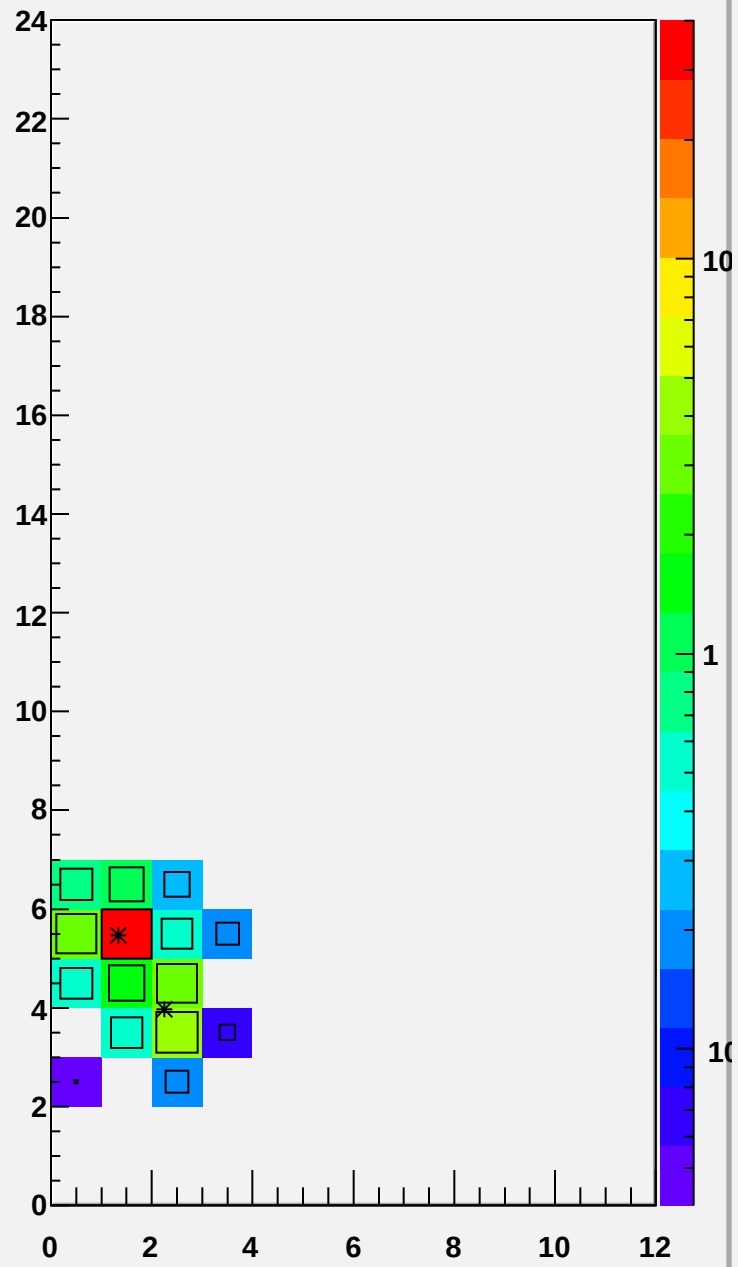
Fitted Energies



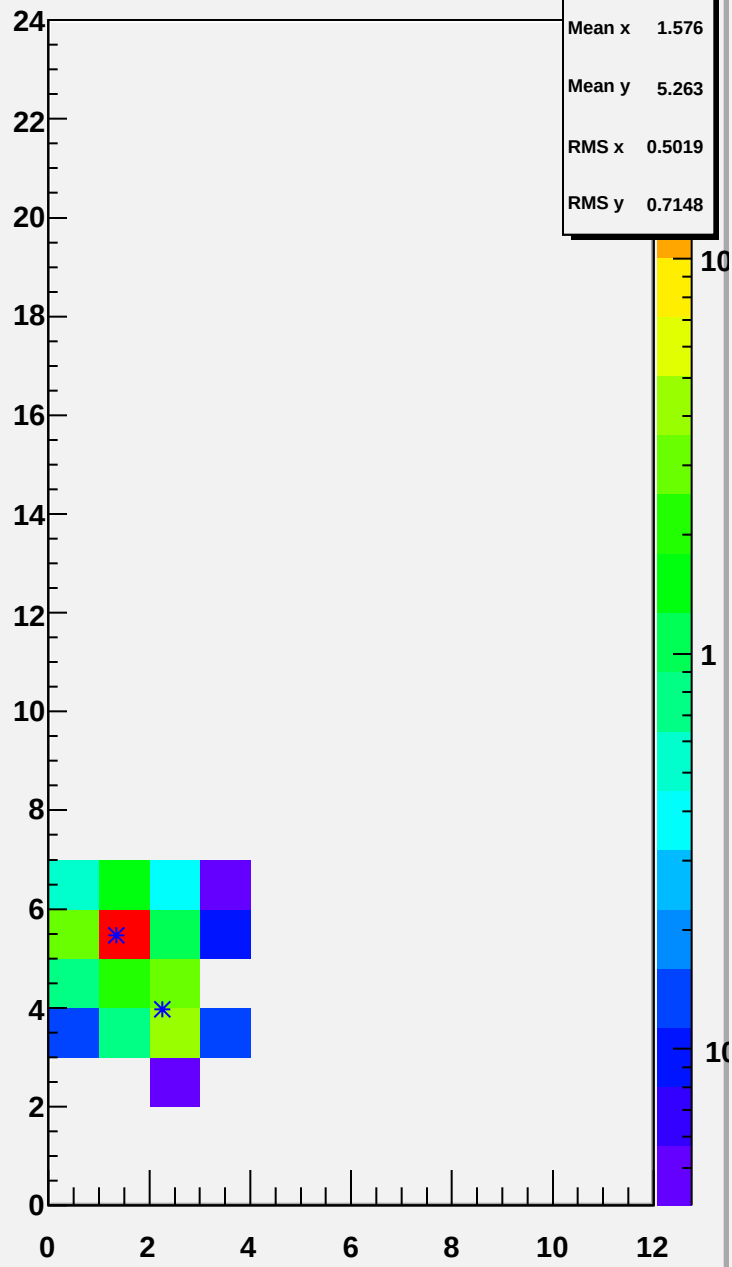
Efit

Entries	288
Mean x	2.466
Mean y	4.456
RMS x	0.8209
RMS y	4.184

NSTB3_r4_c3_En=55.4_m0=0.201 m1=0.200 index=2224



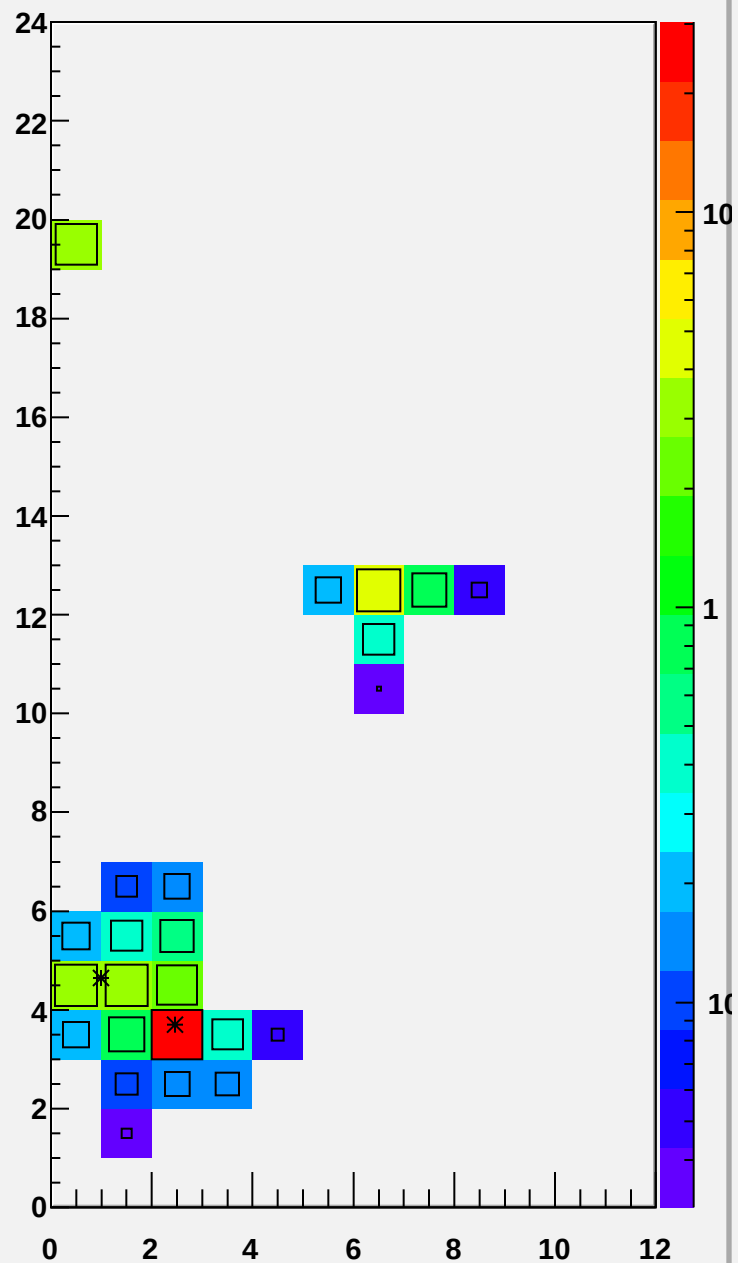
Fitted Energies



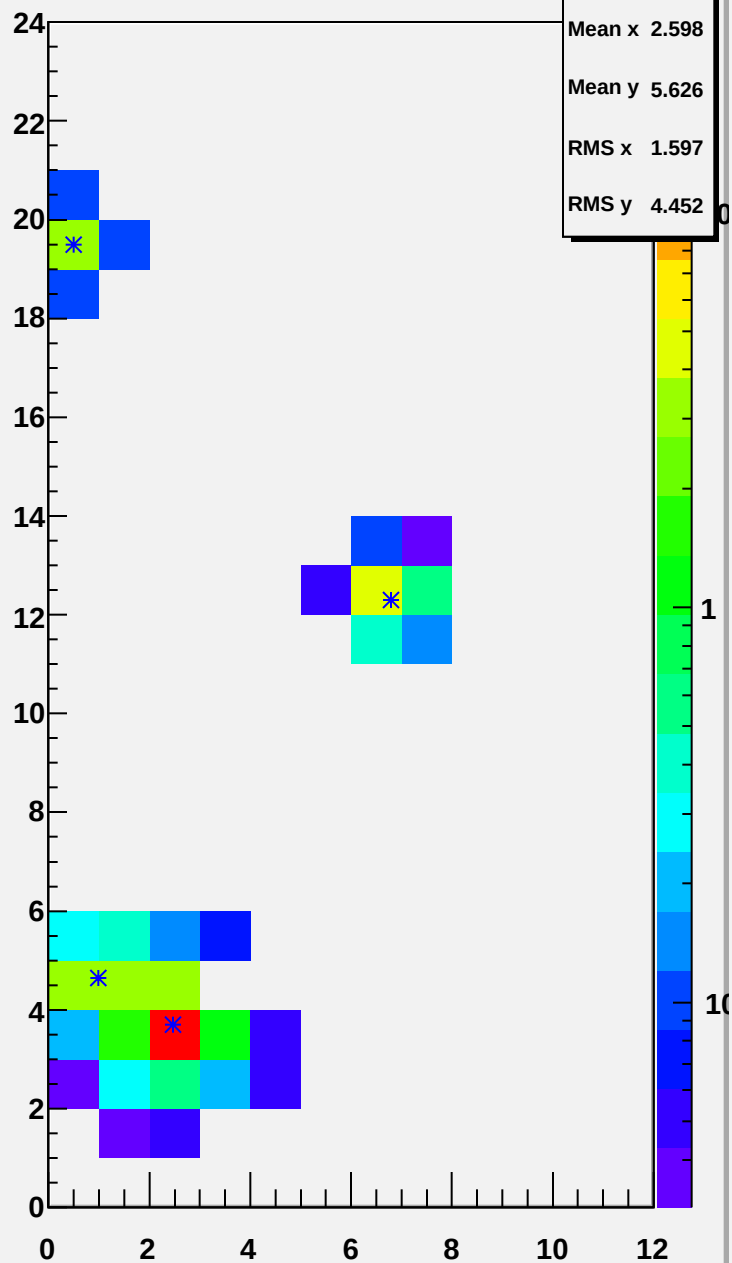
Efit

Entries	288
Mean x	1.576
Mean y	5.263
RMS x	0.5019
RMS y	0.7148

NSTB3_r4_c3_En=52.2_m0=0.159 m1=0.159 index=2227



Fitted Energies



Efit

Entries 288

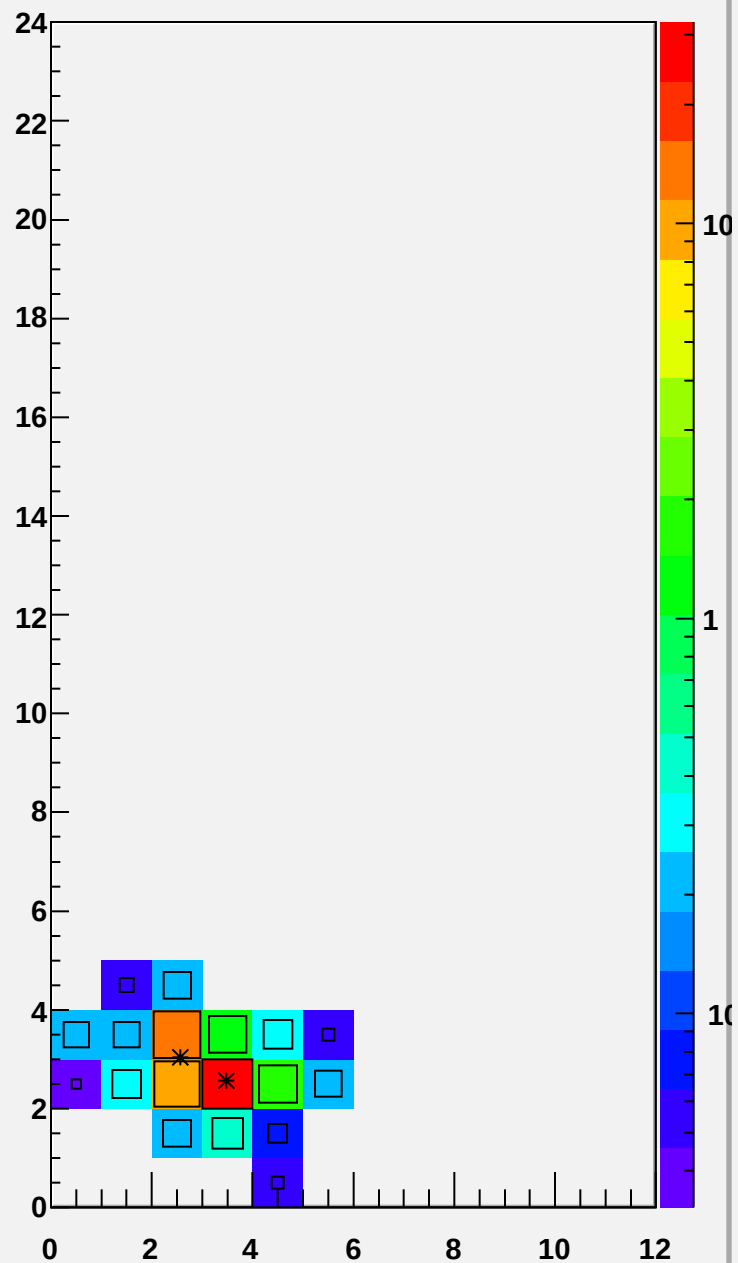
Mean x 2.598

Mean y 5.626

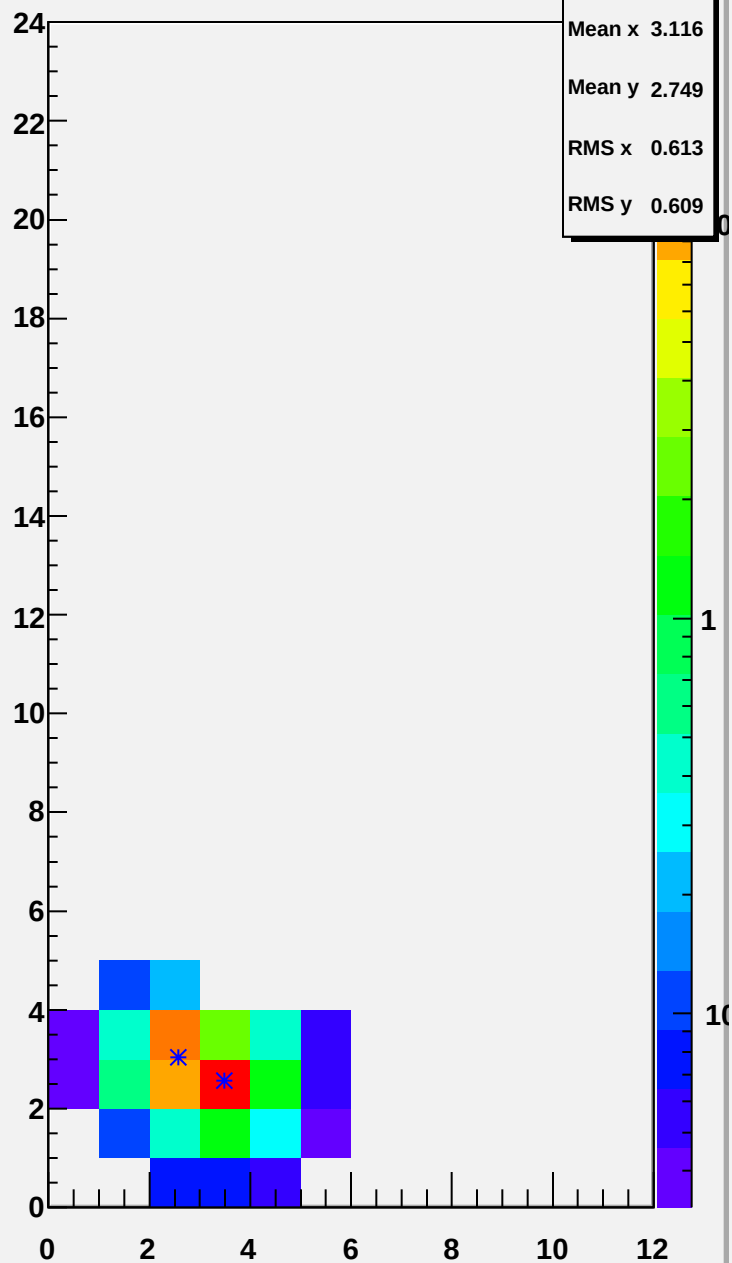
RMS x 1.597

RMS y 4.452

NSTB3_r4_c3_En=61.5_m0=0.170 m1=0.170 index=2229



Fitted Energies



Efit

Entries 288

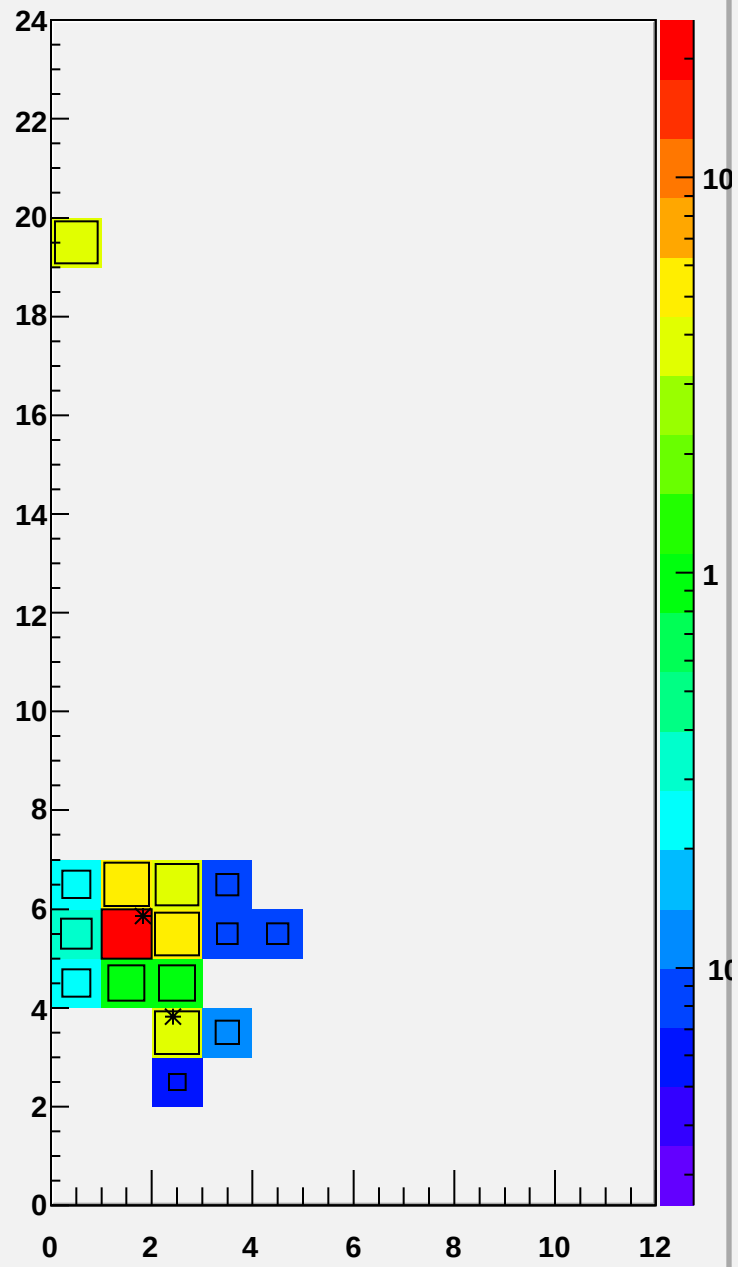
Mean x 3.116

Mean y 2.749

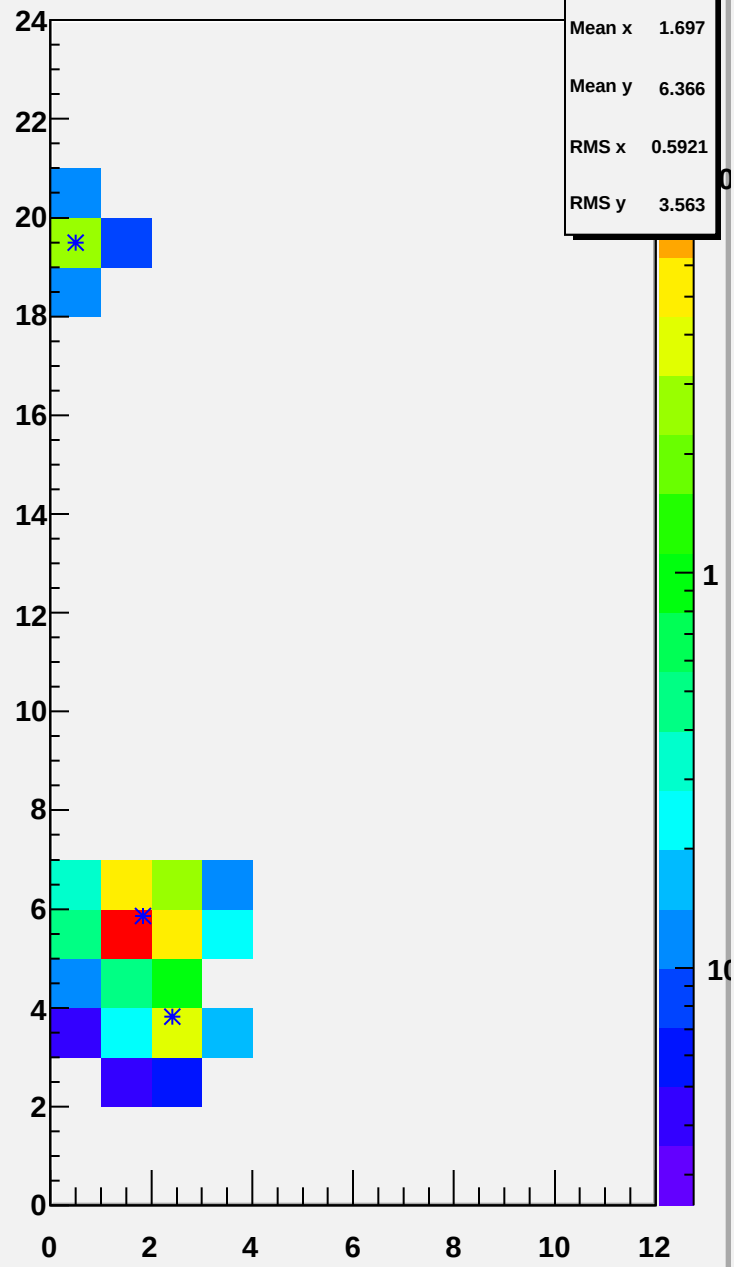
RMS x 0.613

RMS y 0.609

NSTB3_r4_c3_En=48.6_m0=0.179 m1=0.179 index=2231



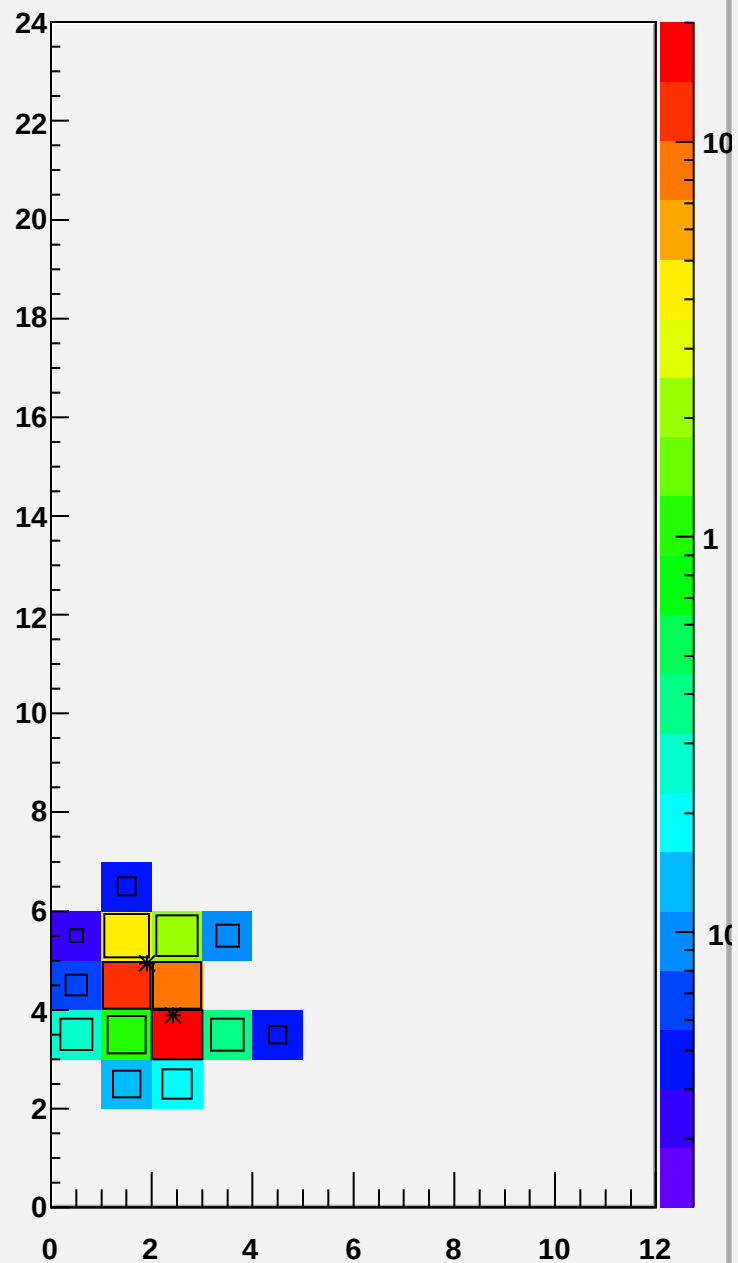
Fitted Energies



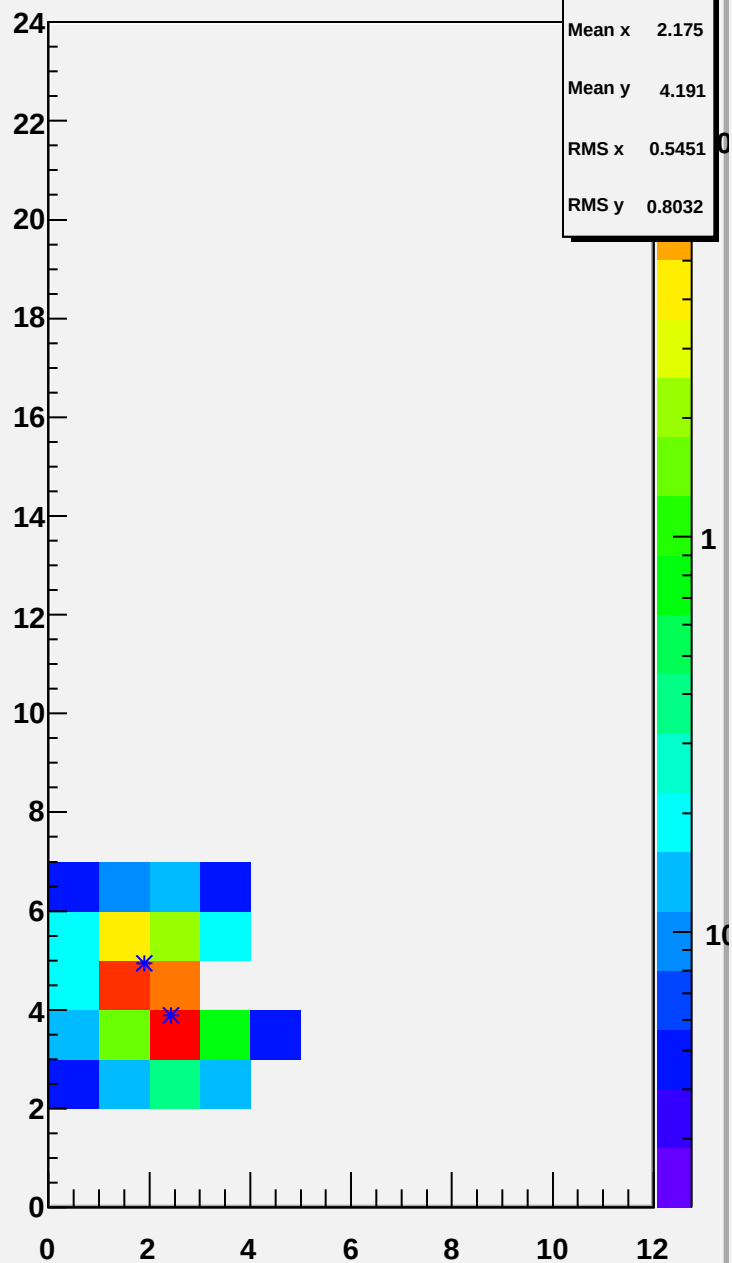
Efit

Entries	288
Mean x	1.697
Mean y	6.366
RMS x	0.5921
RMS y	3.563

NSTB3_r4_c3_En=48.6_m0=0.158 m1=0.158 index=2232



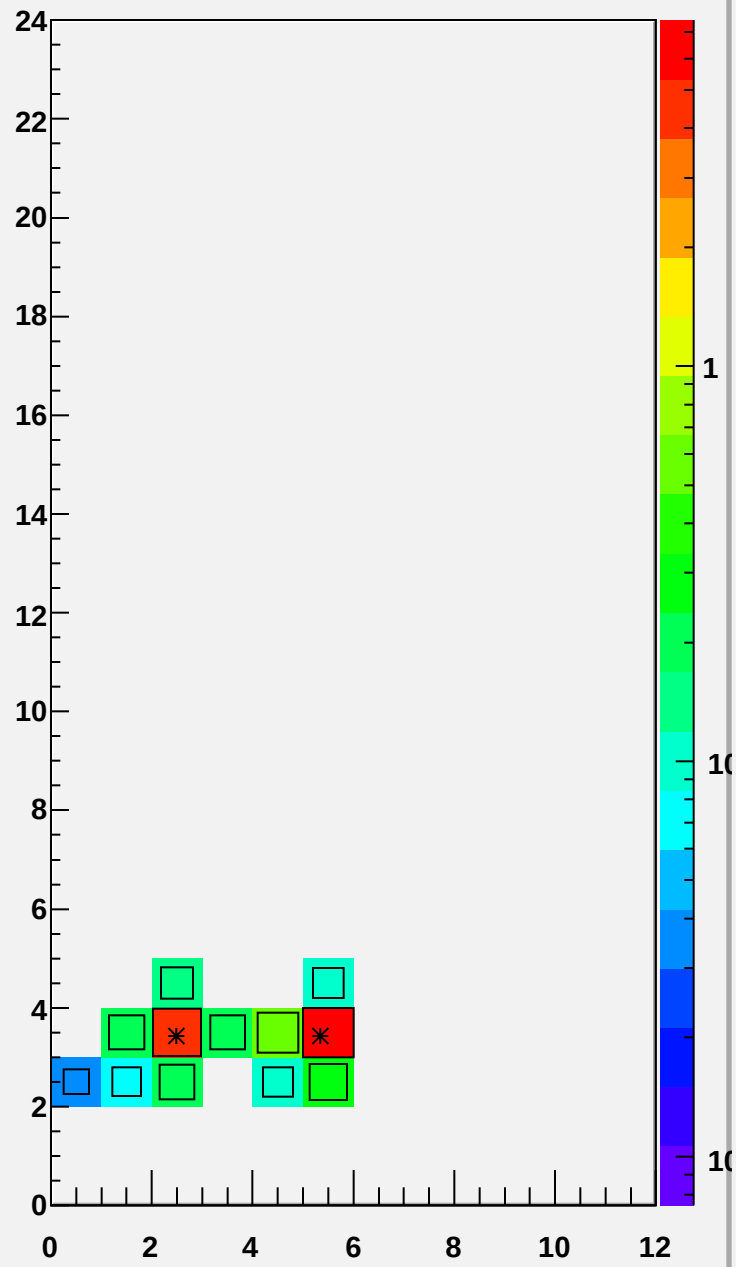
Fitted Energies



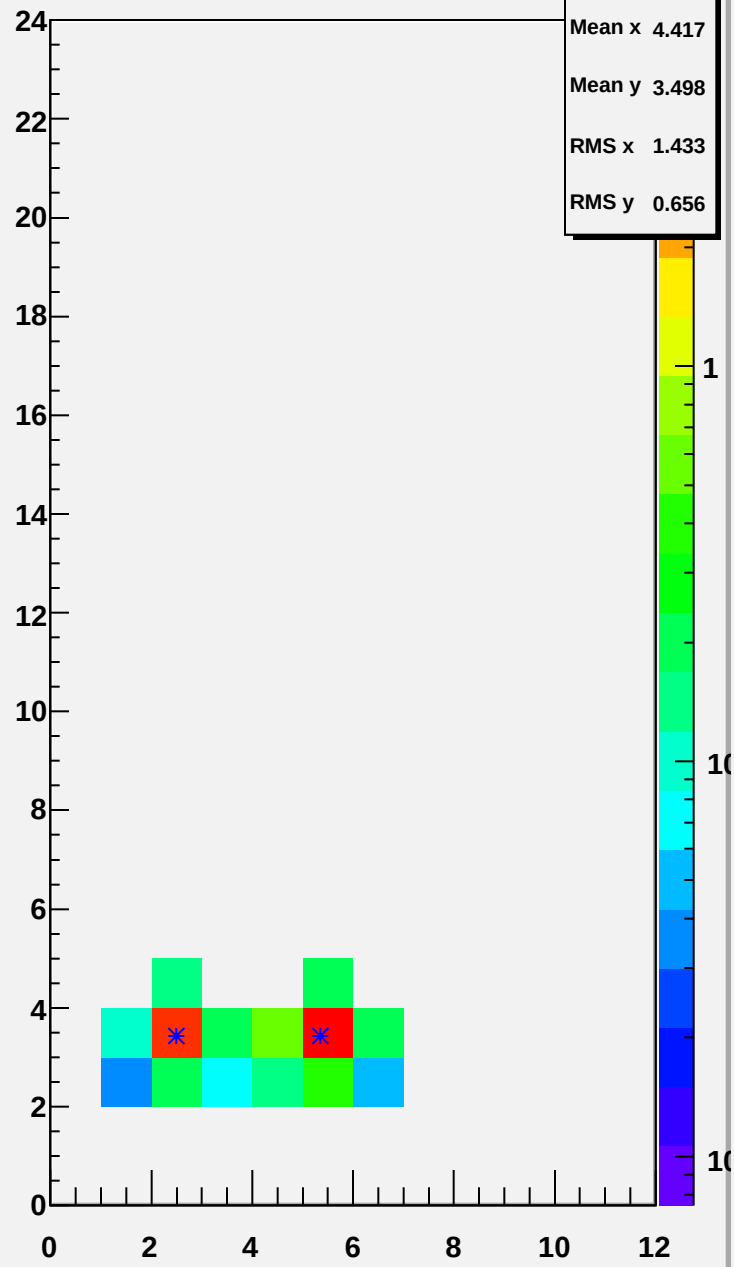
Efit

Entries	288
Mean x	2.175
Mean y	4.191
RMS x	0.5451
RMS y	0.8032

NSTB3_r4_c3_En=13.6_m0=0.107 m1=0.107 index=2233



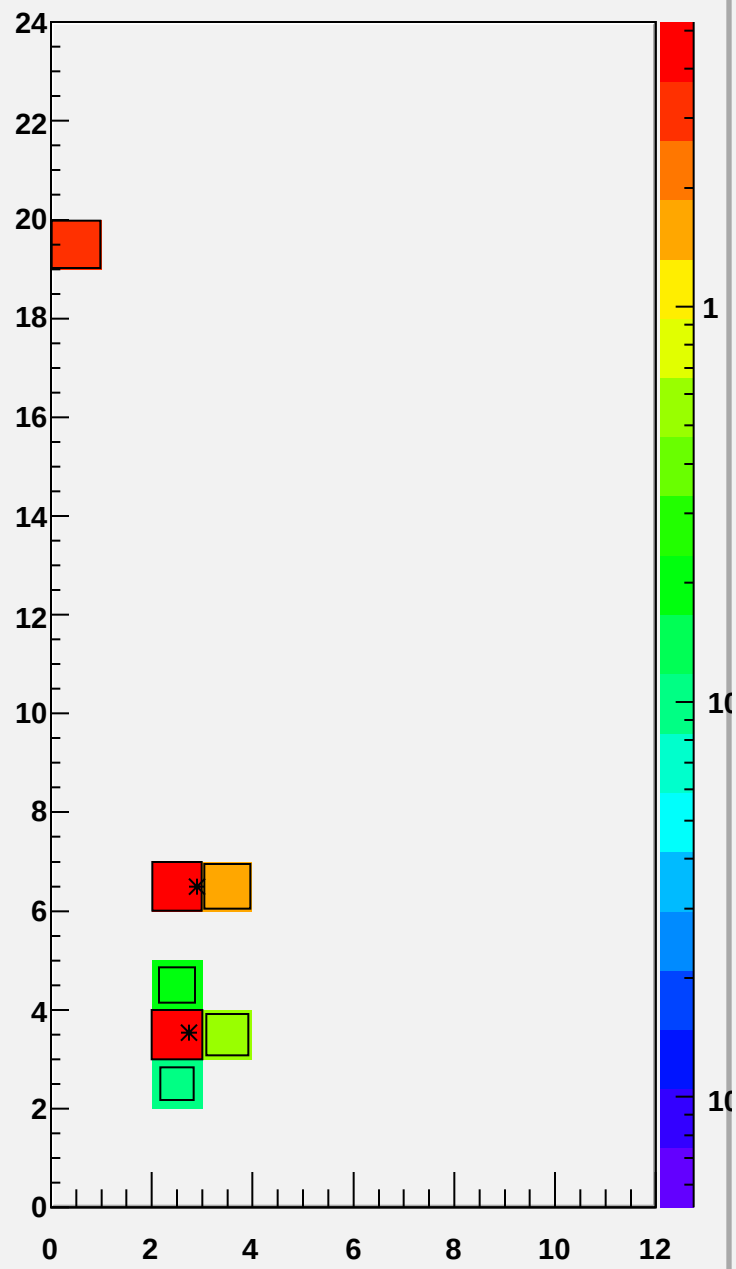
Fitted Energies



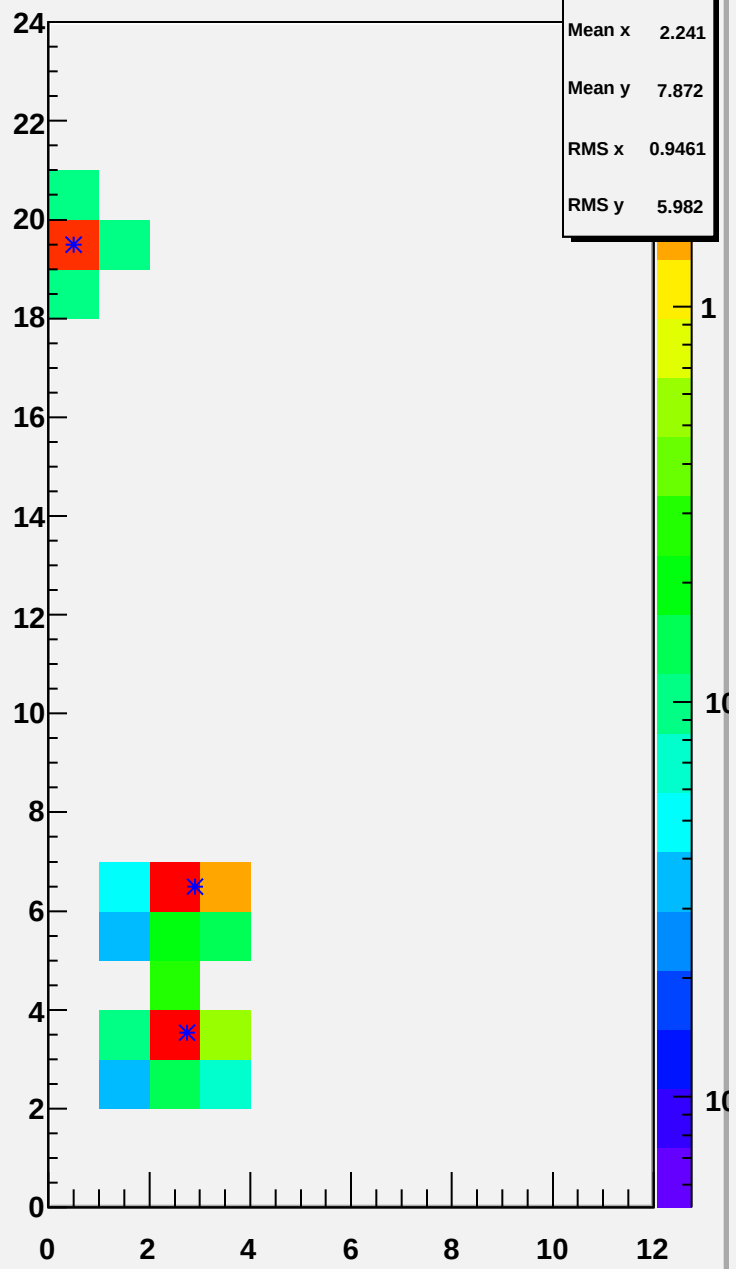
Efit

Entries 288
Mean x 4.417
Mean y 3.498
RMS x 1.433
RMS y 0.656

NSTB3_r4_c3_En=15.5_m0=0.109 m1=0.109 index=2234



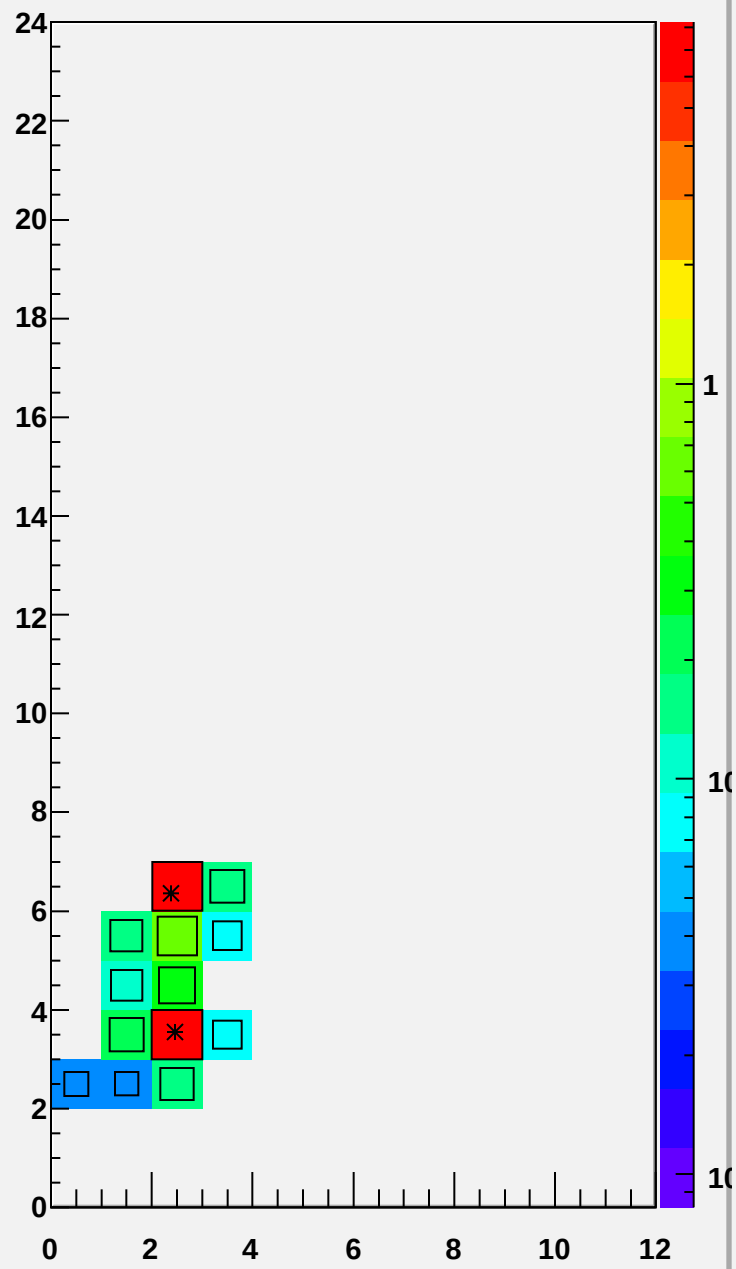
Fitted Energies



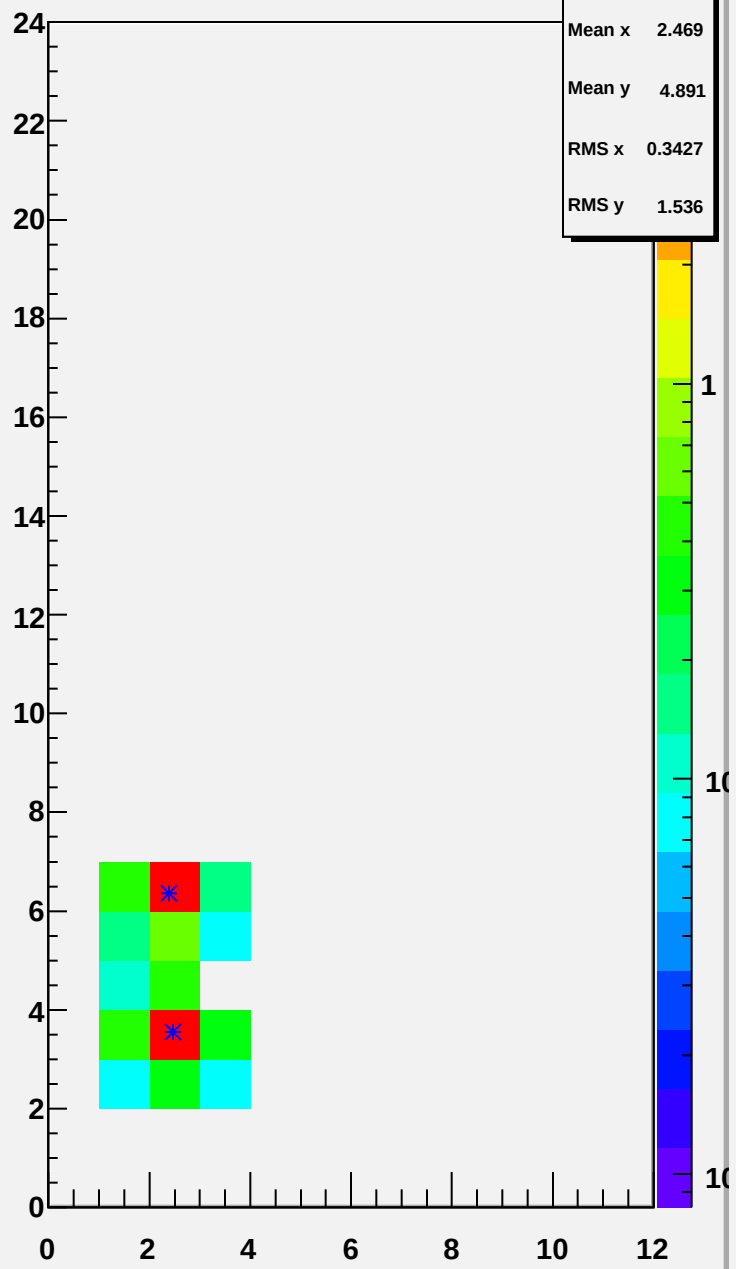
Efit

Entries	288
Mean x	2.241
Mean y	7.872
RMS x	0.9461
RMS y	5.982

NSTB3_r4_c3_En=17.4_m0=0.147 m1=0.147 index=2235



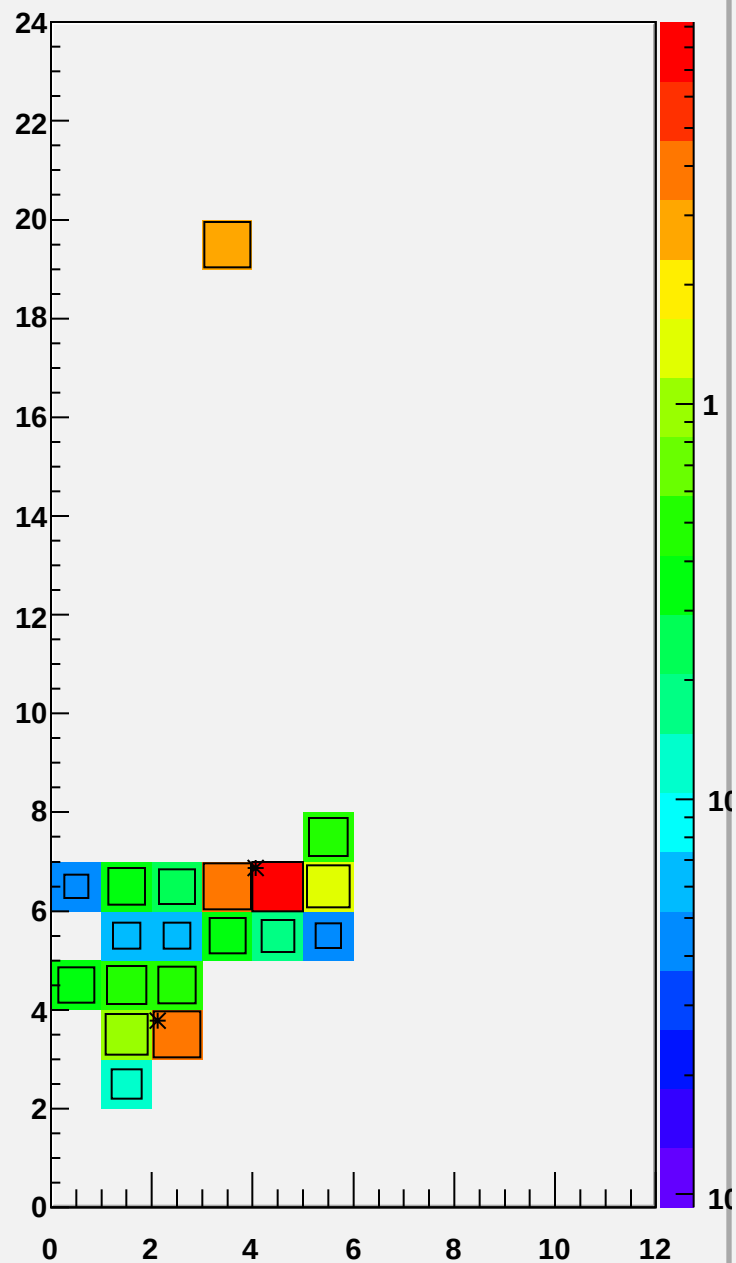
Fitted Energies



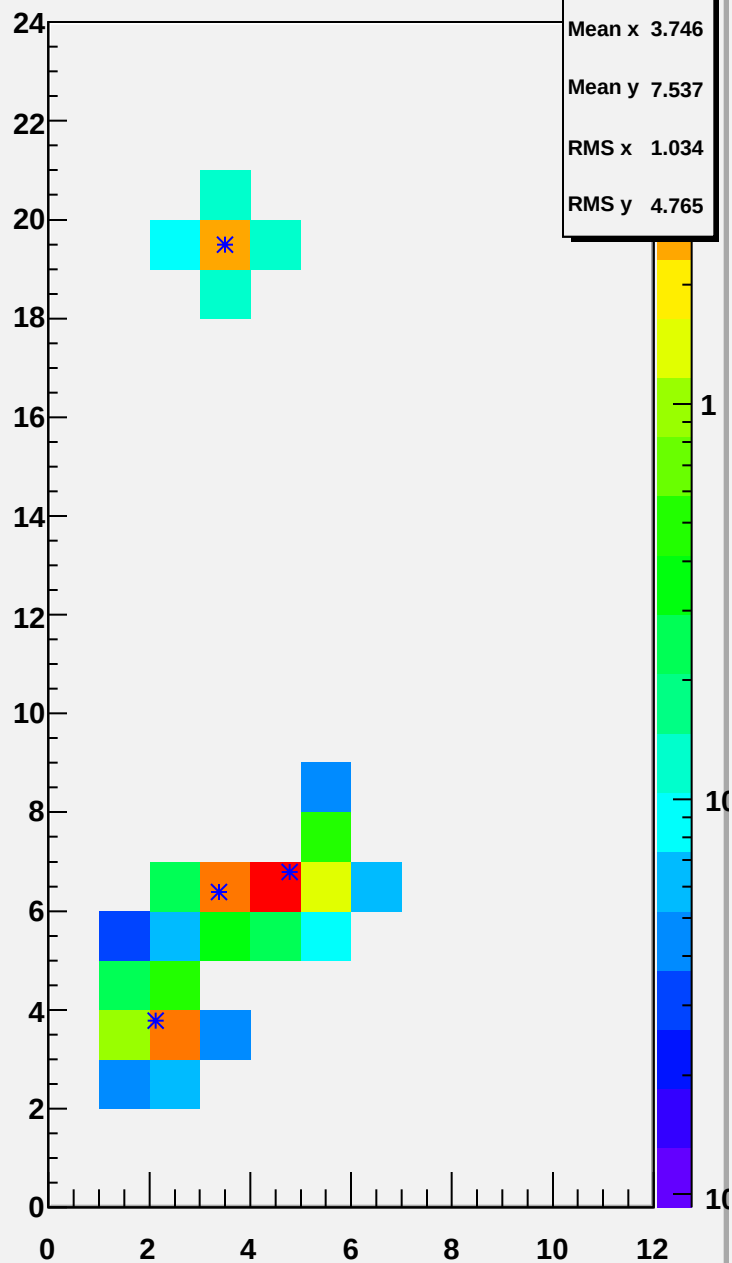
Efit

Entries	288
Mean x	2.469
Mean y	4.891
RMS x	0.3427
RMS y	1.536

NSTB3_r4_c3_En=26.1_m0=0.210 m1=0.195 index=2237



Fitted Energies



Efit

Entries 288

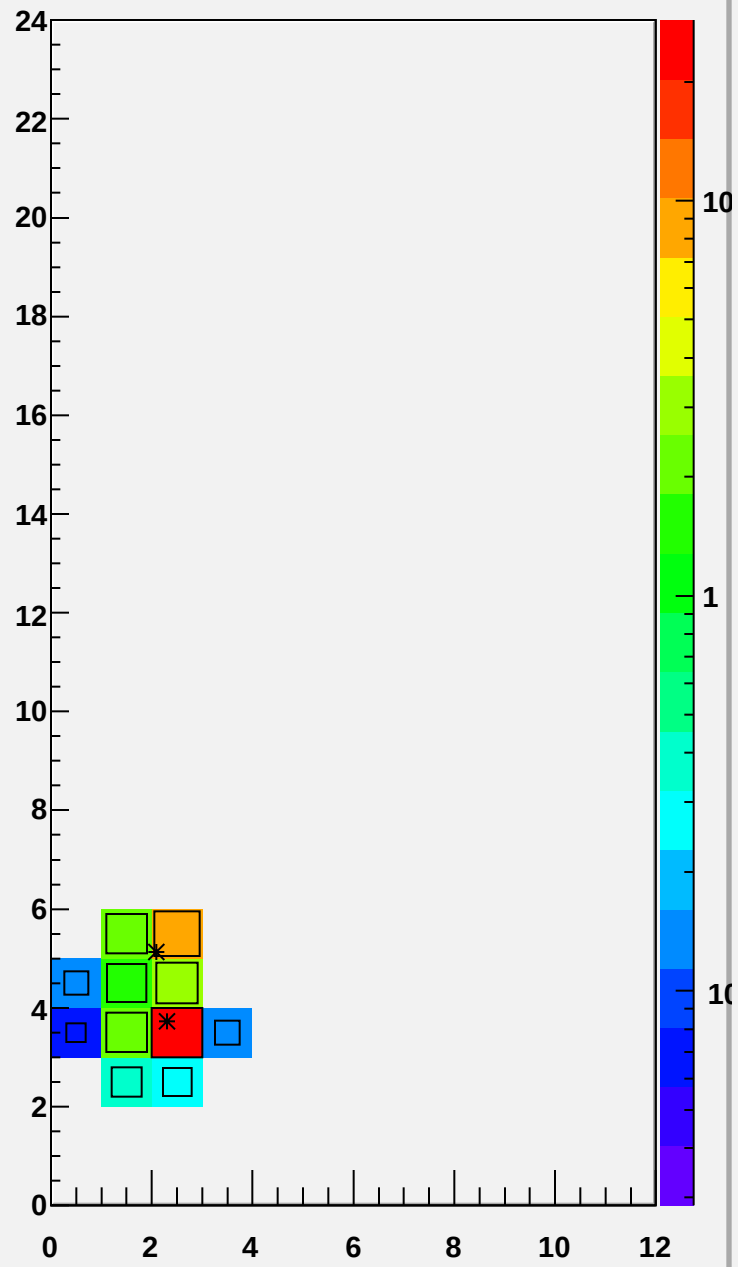
Mean x 3.746

Mean y 7.537

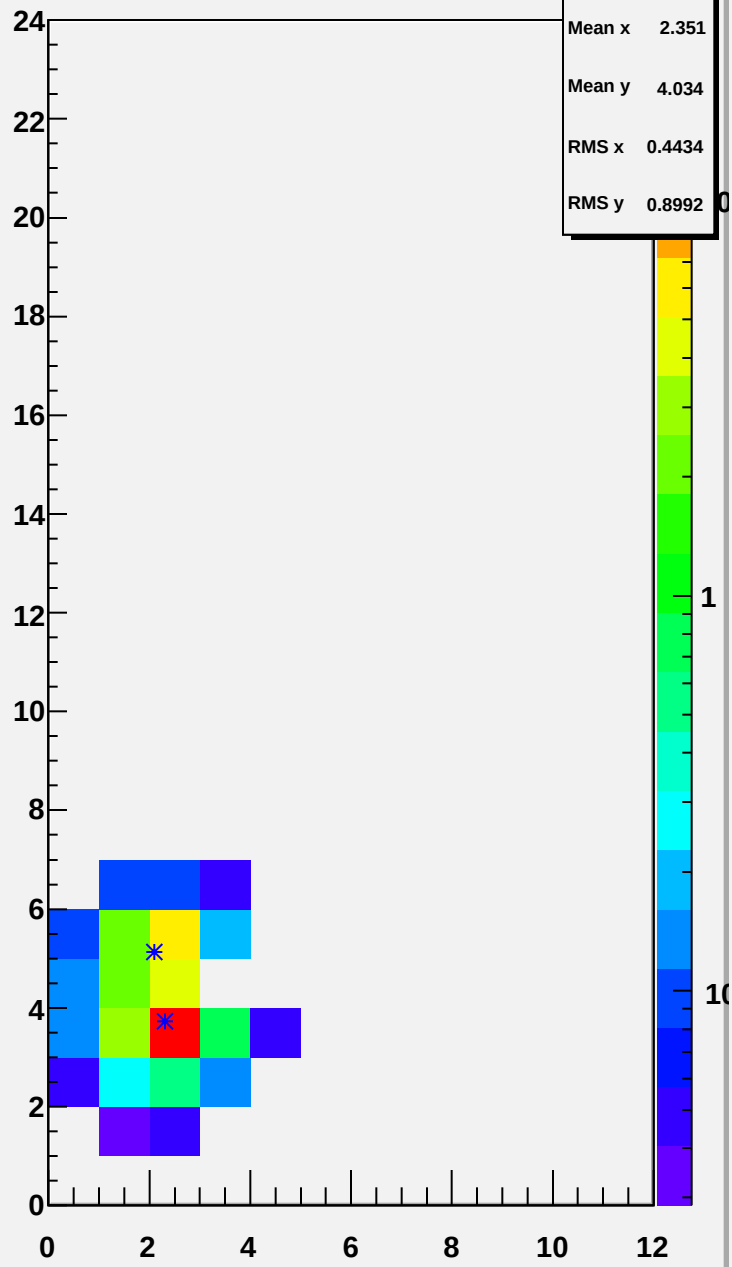
RMS x 1.034

RMS y 4.765

NSTB3_r4_c3_En=46.8_m0=0.173 m1=0.173 index=2238



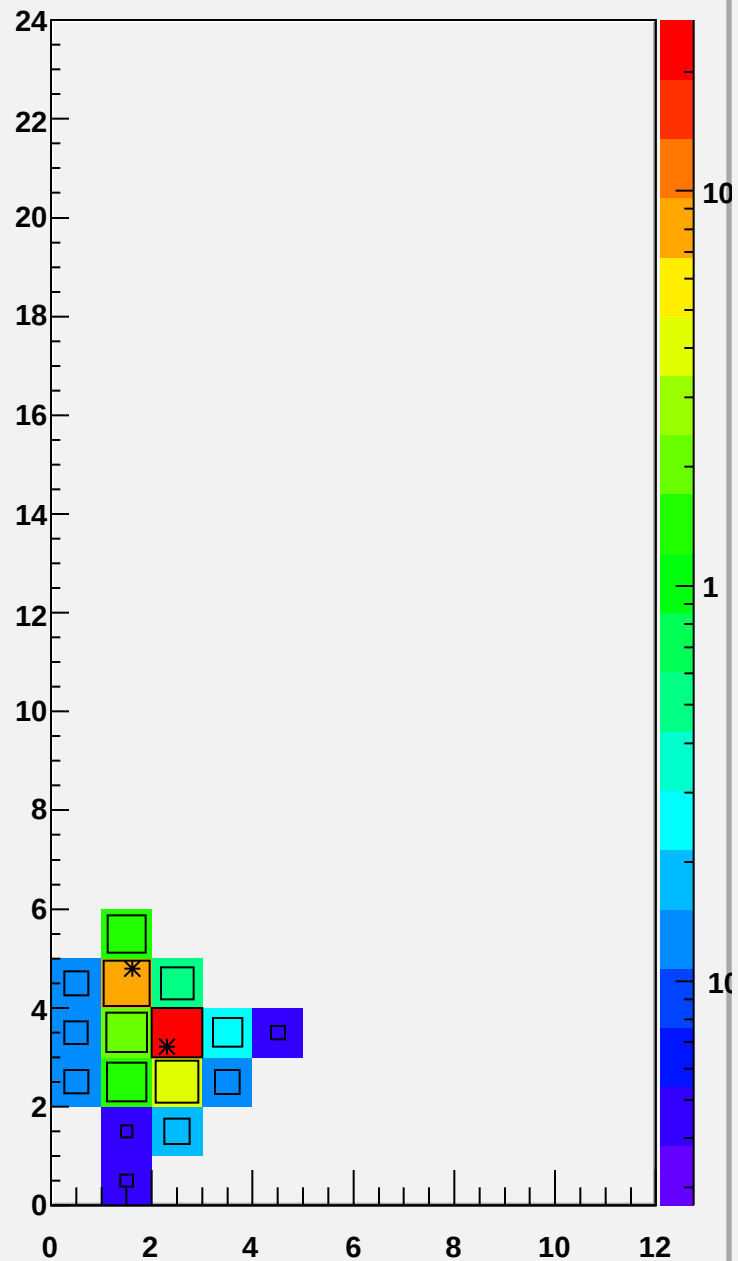
Fitted Energies



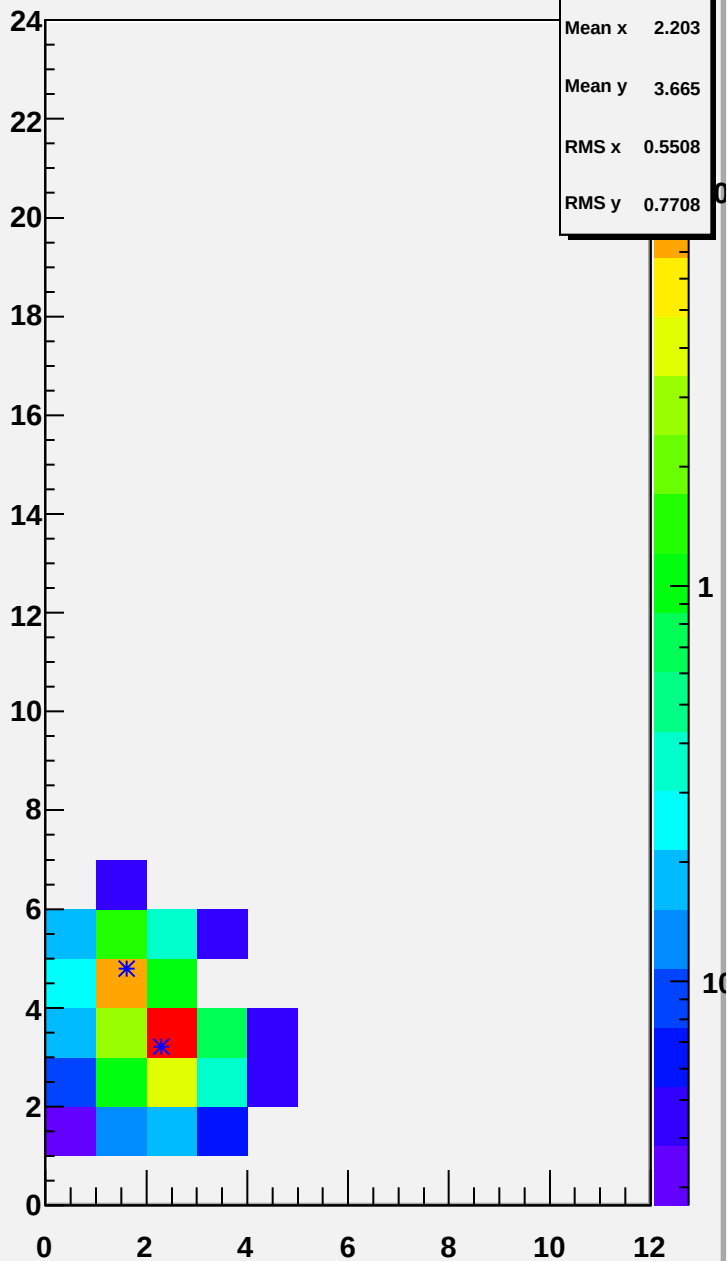
Efit

Entries	288
Mean x	2.351
Mean y	4.034
RMS x	0.4434
RMS y	0.8992

NSTB3_r4_c3_En=46.5_m0=0.196 m1=0.197 index=2240



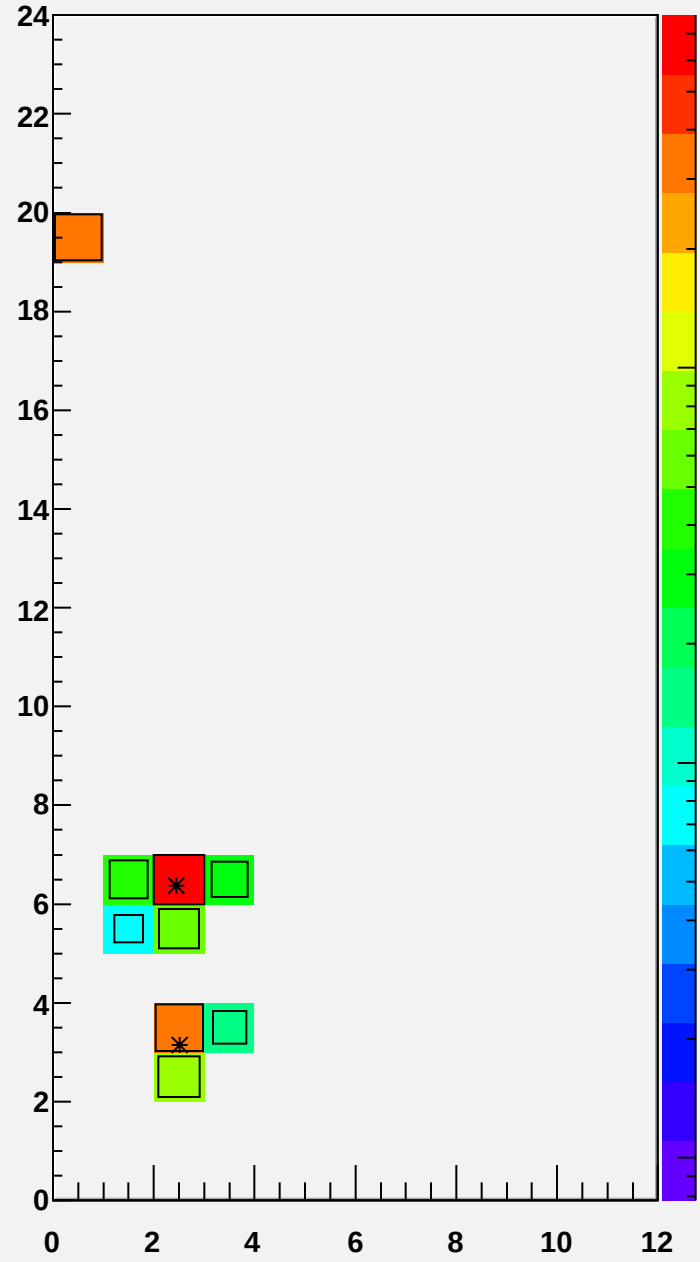
Fitted Energies



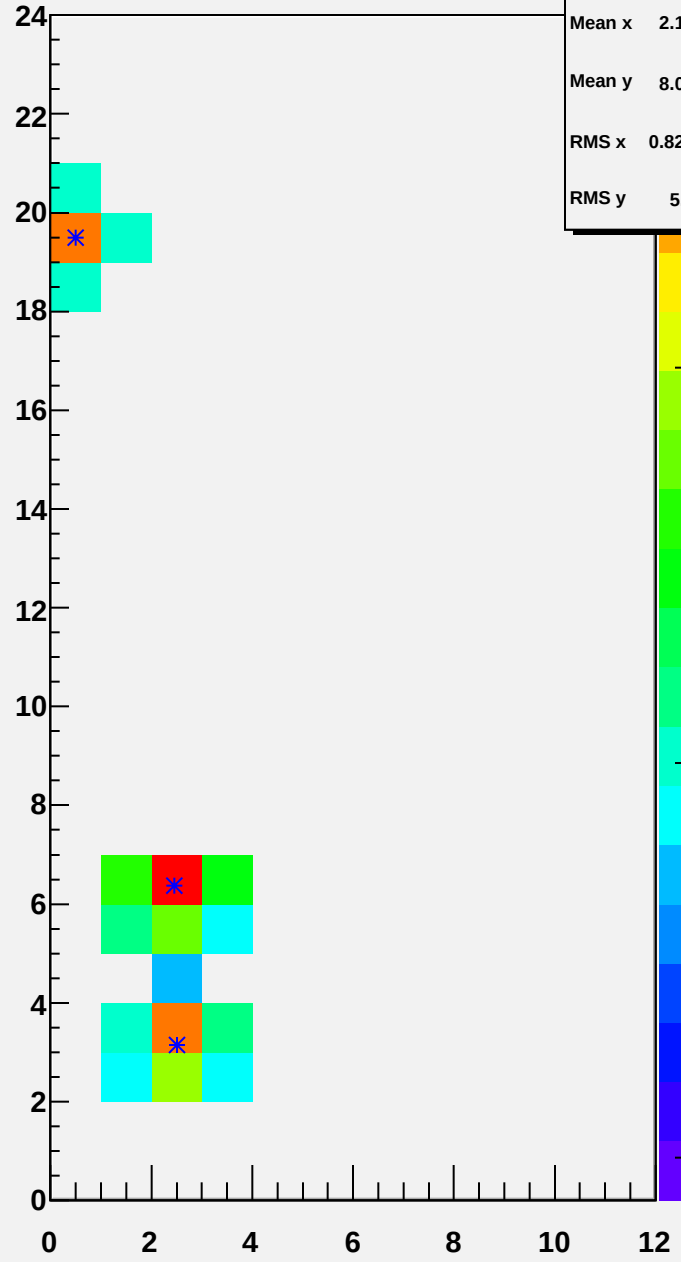
Efit

Entries	288
Mean x	2.203
Mean y	3.665
RMS x	0.5508
RMS y	0.7708

NSTB3_r4_c3_En=16.8_m0=0.123 m1=0.123 index=2242

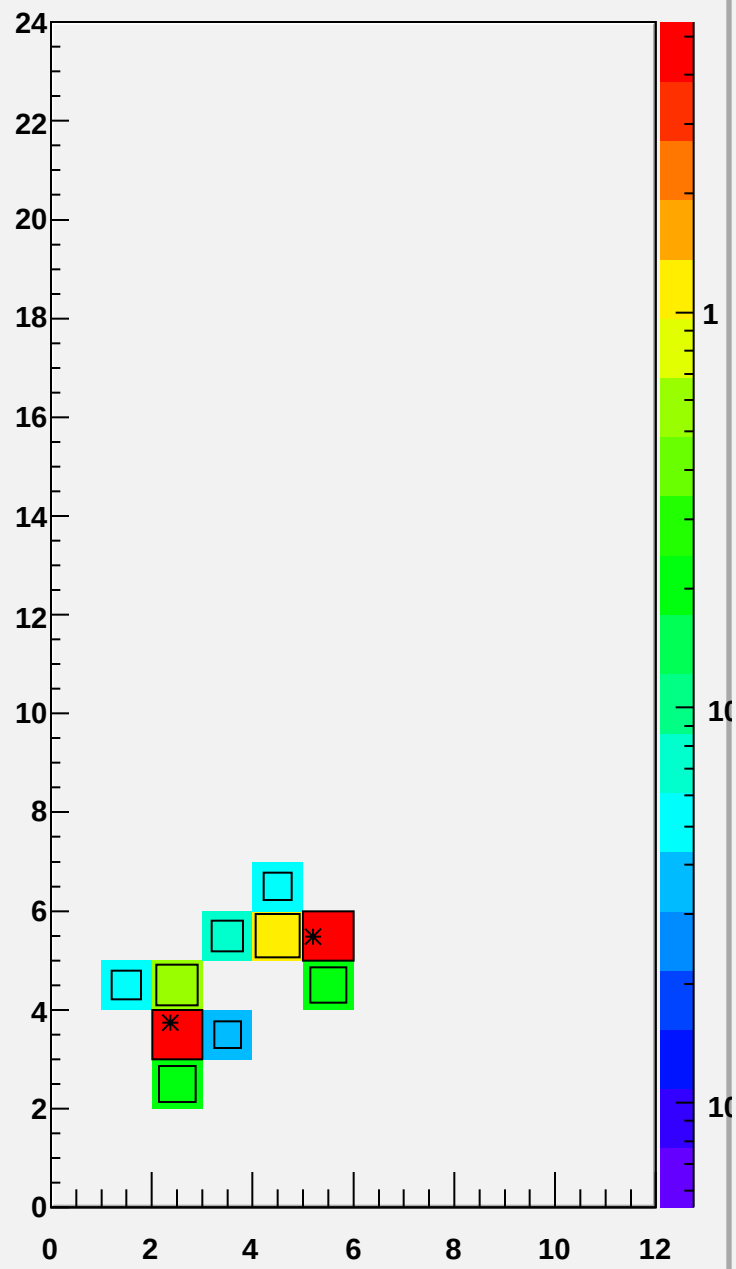


Fitted Energies

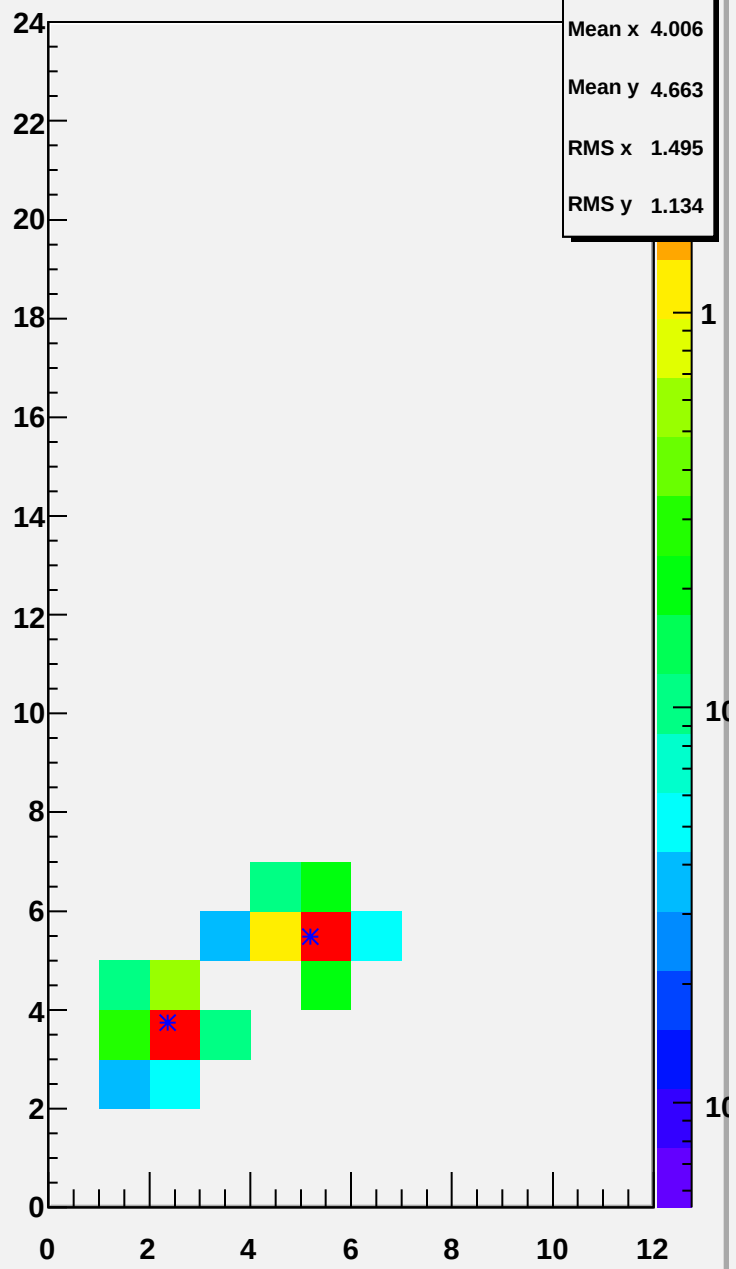


Efit	
Entries	288
Mean x	2.126
Mean y	8.039
RMS x	0.8277
RMS y	5.68

NSTB3_r4_c3_En=12.5_m0=0.123 m1=0.123 index=2243



Fitted Energies



Efit

Entries 288

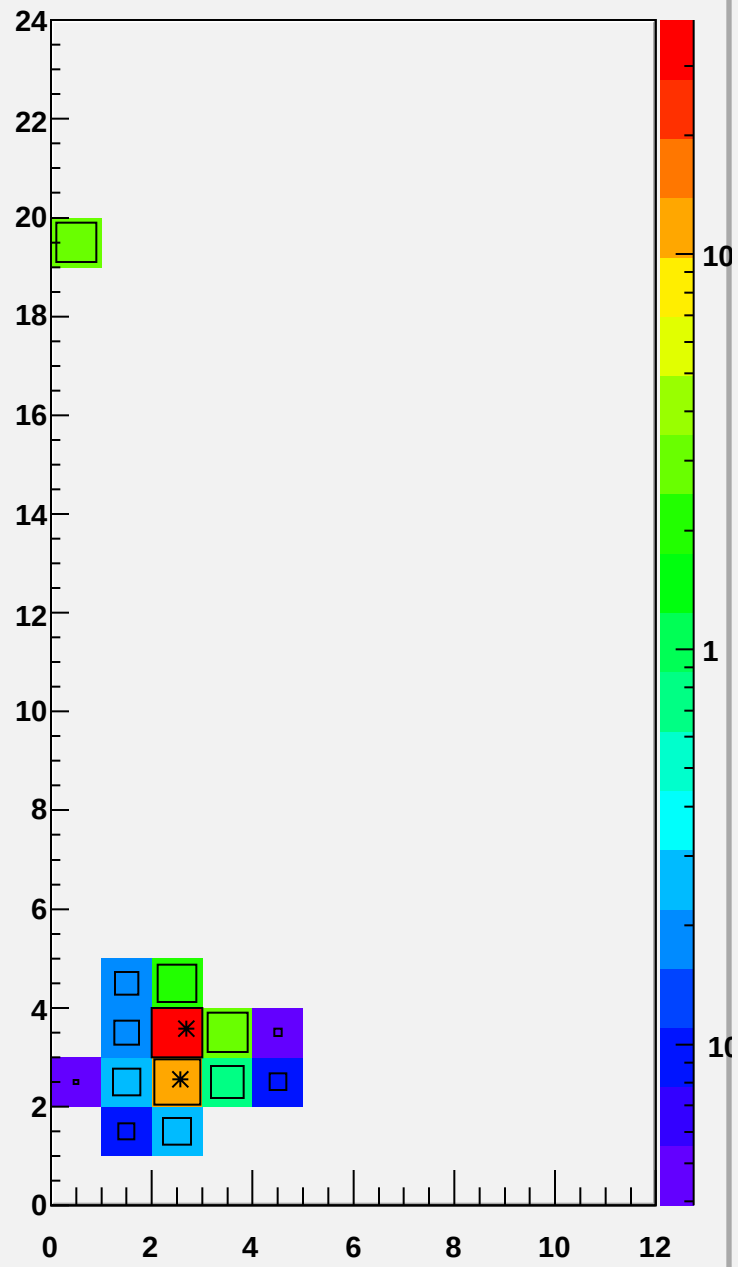
Mean x 4.006

Mean y 4.663

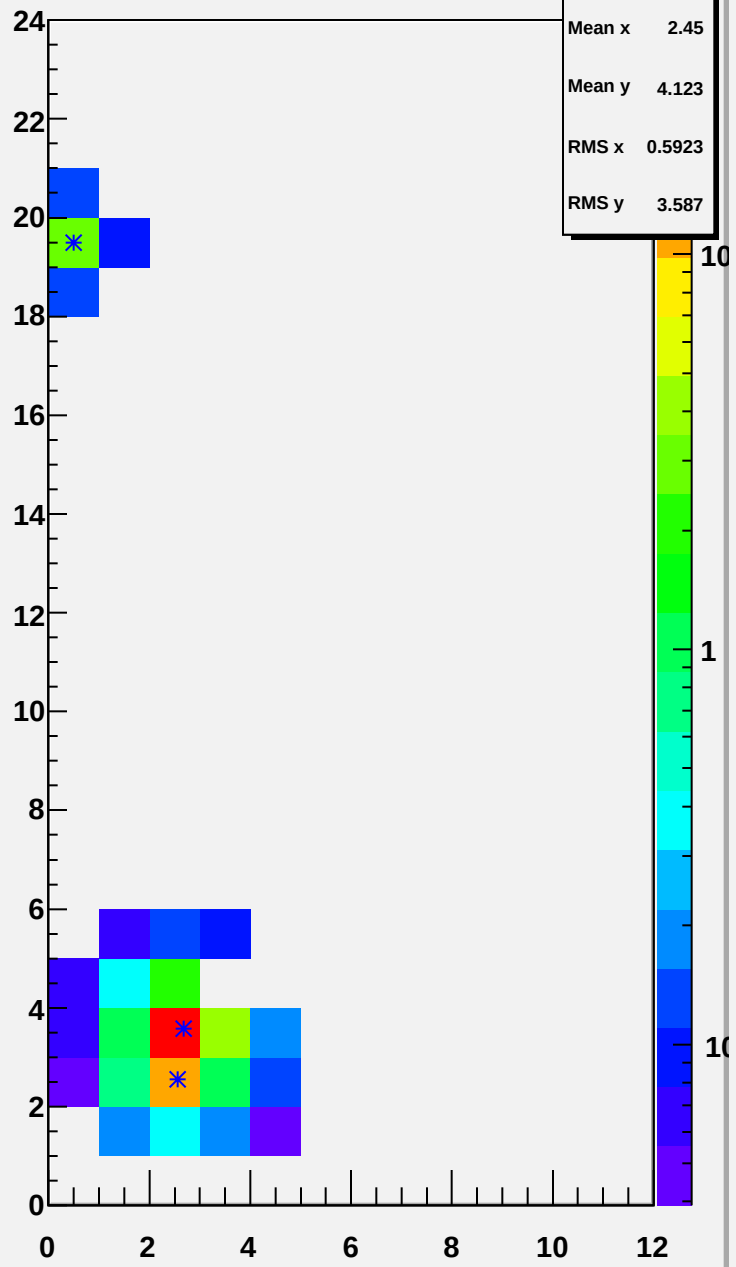
RMS x 1.495

RMS y 1.134

NSTB3_r4_c3_En=61.6_m0=0.138 m1=0.139 index=2244



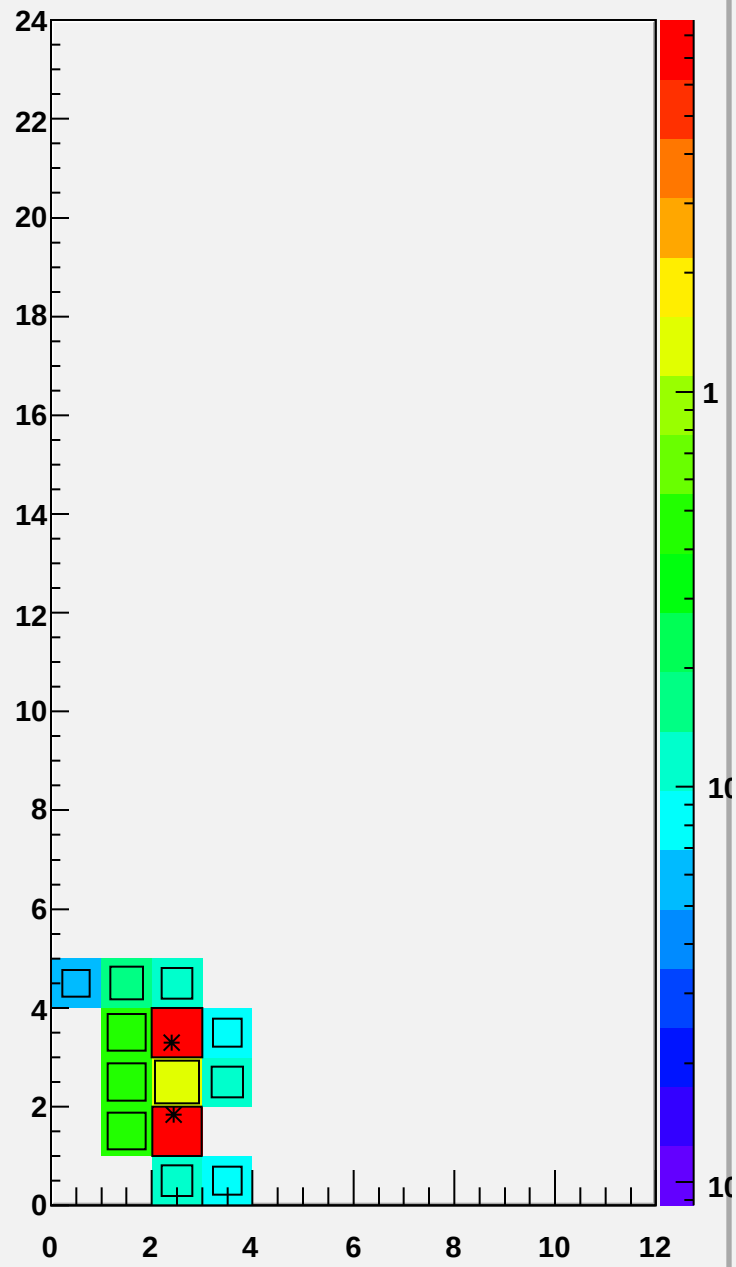
Fitted Energies



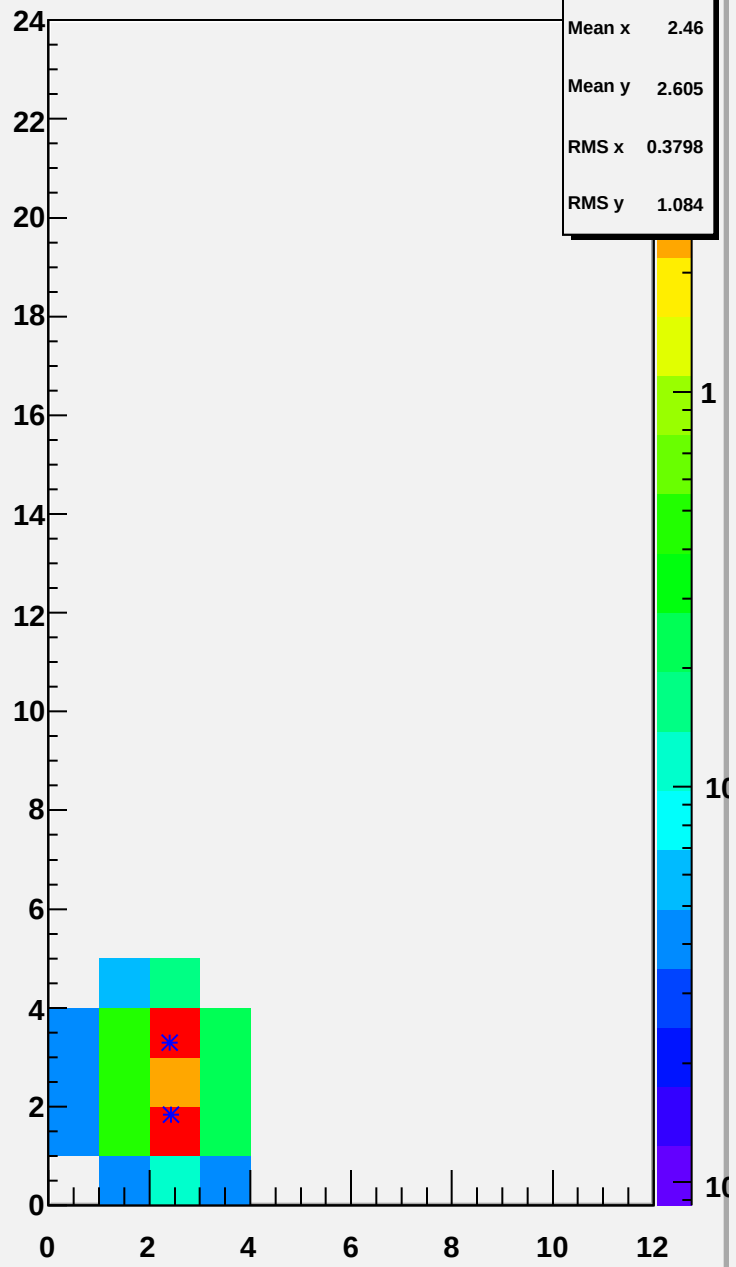
Efit

Entries	288
Mean x	2.45
Mean y	4.123
RMS x	0.5923
RMS y	3.587

NSTB3_r4_c3_En=19.4_m0=0.085 m1=0.085 index=2245



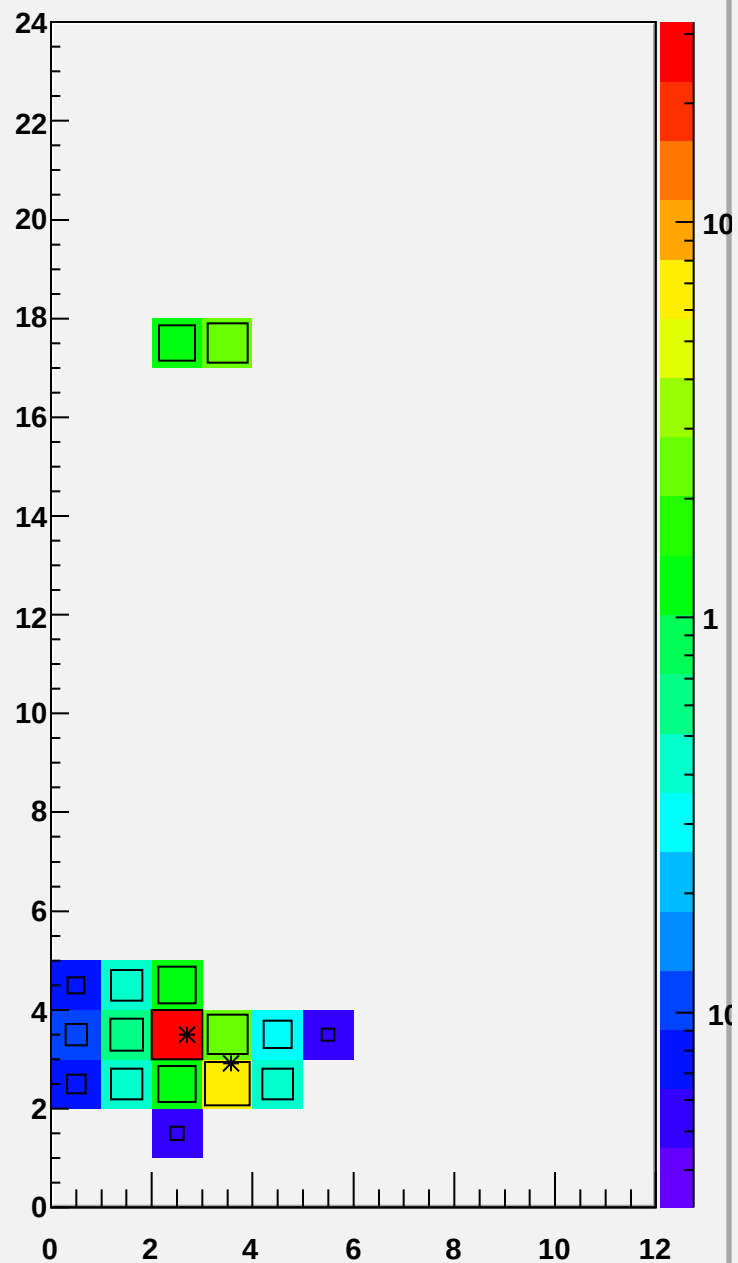
Fitted Energies



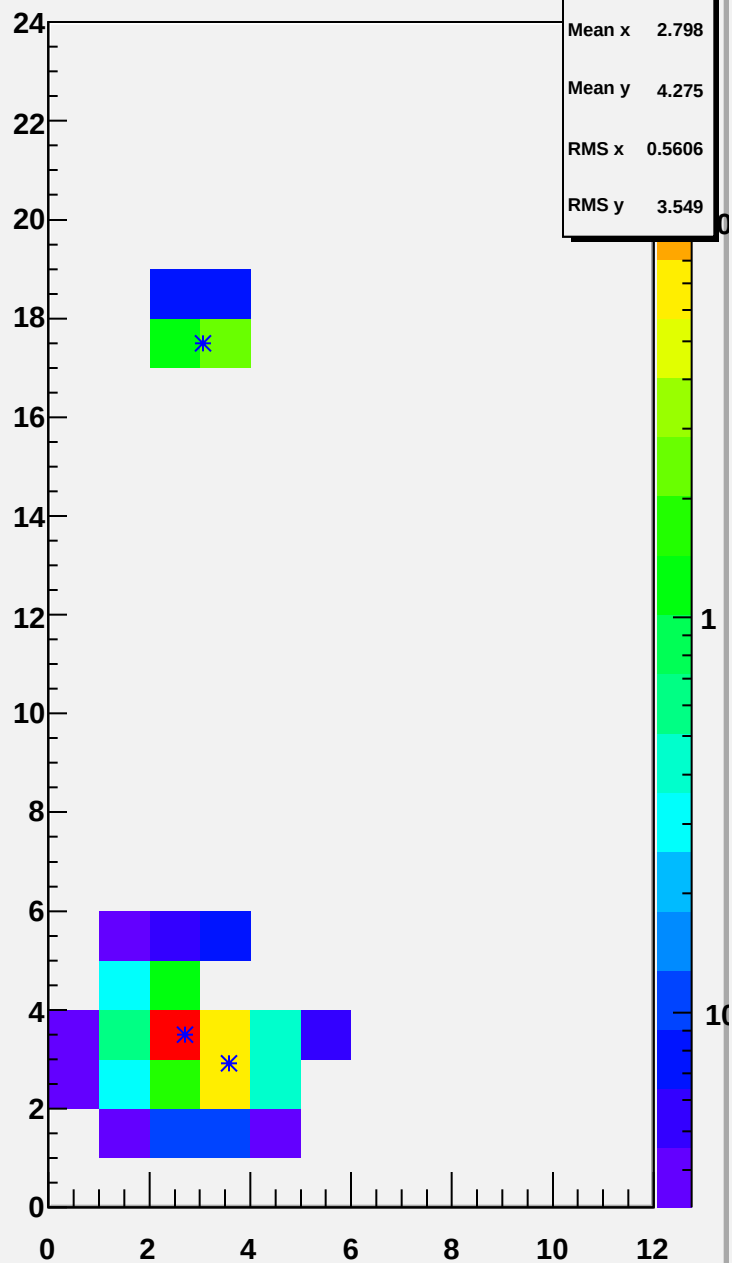
Efit

Entries	288
Mean x	2.46
Mean y	2.605
RMS x	0.3798
RMS y	1.084

NSTB3_r4_c3_En=50.3_m0=0.120 m1=0.120 index=2246



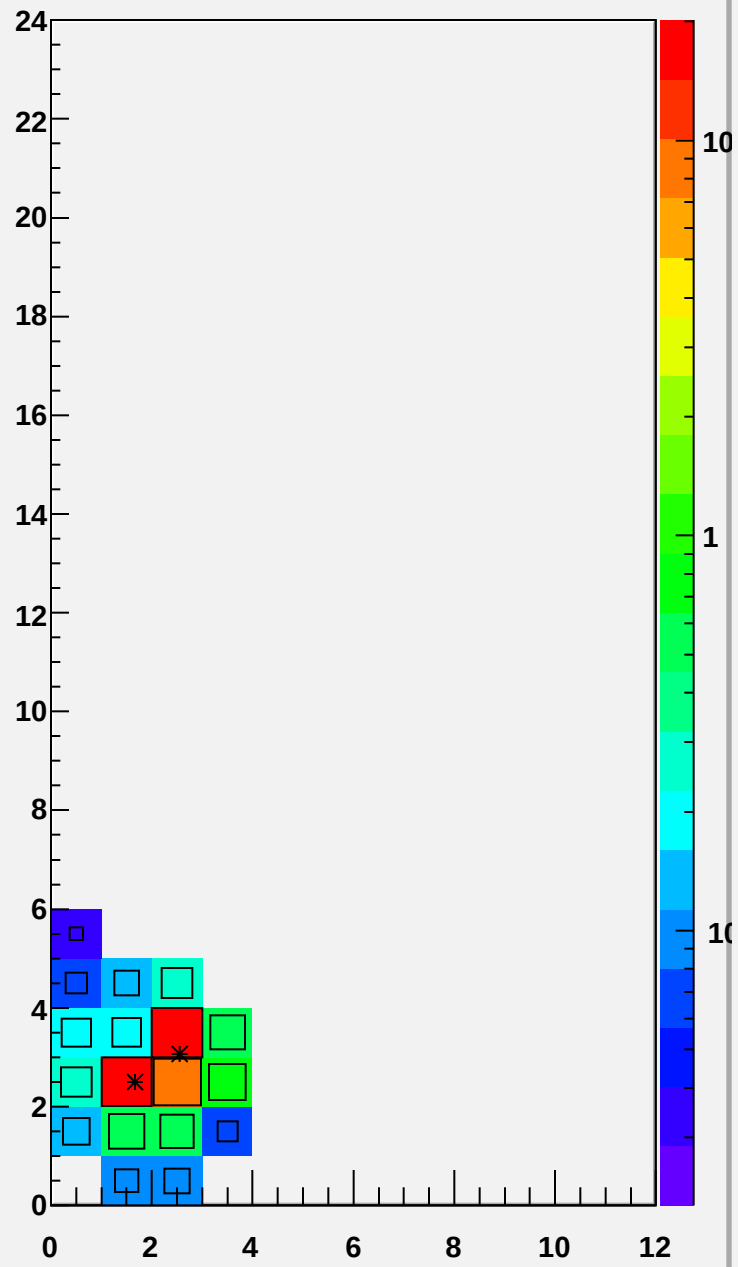
Fitted Energies



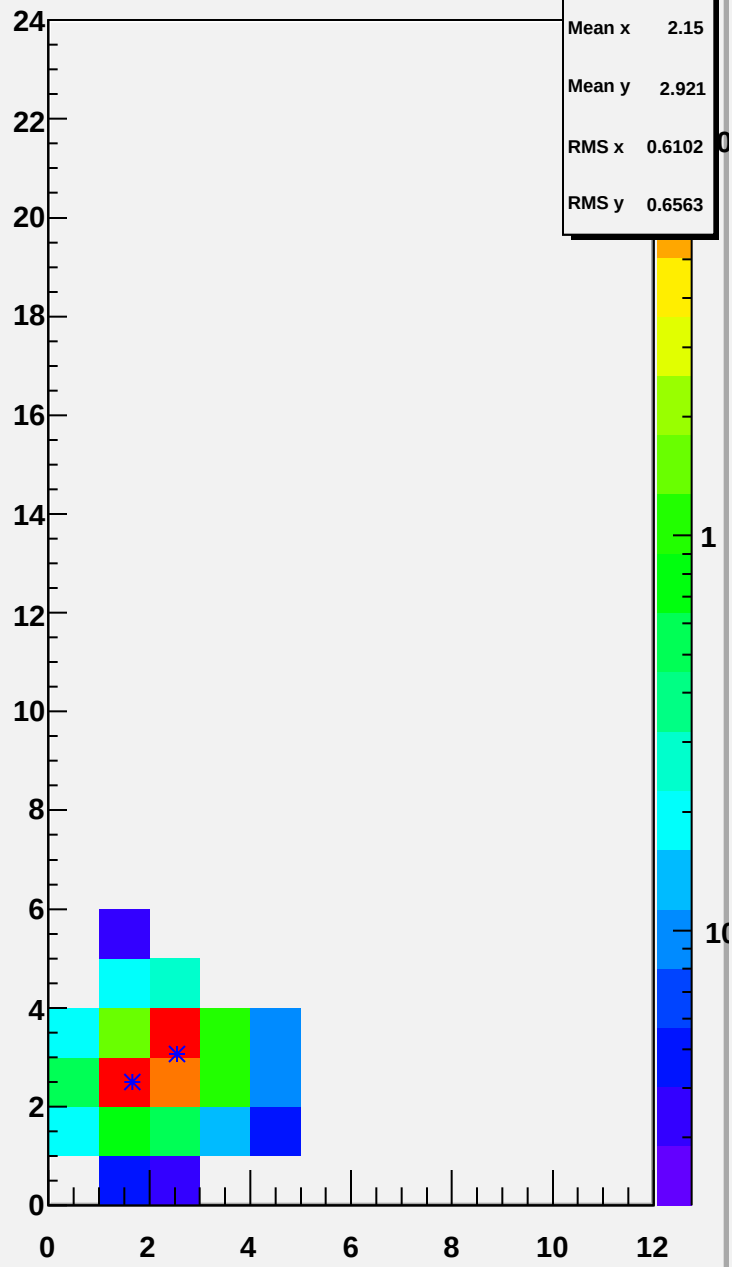
Efit

Entries	288
Mean x	2.798
Mean y	4.275
RMS x	0.5606
RMS y	3.549

NSTB3_r4_c3_En=49.8_m0=0.150 m1=0.150 index=2248



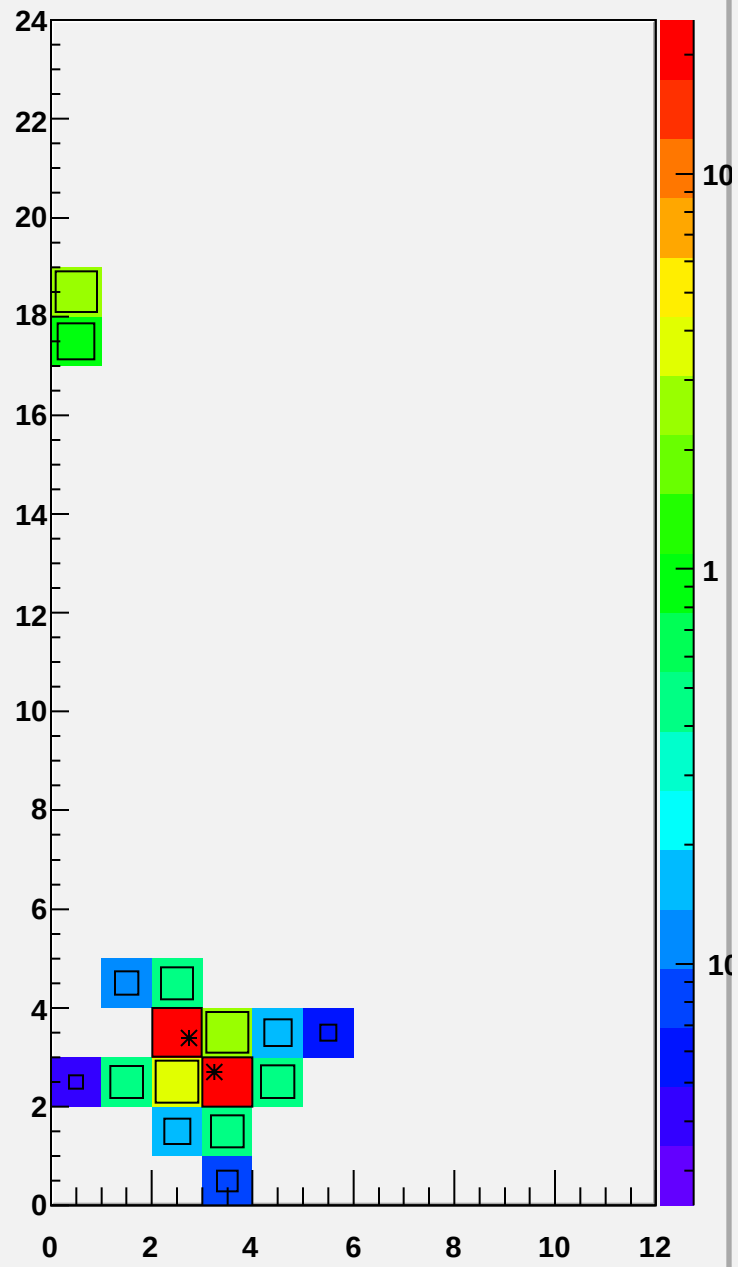
Fitted Energies



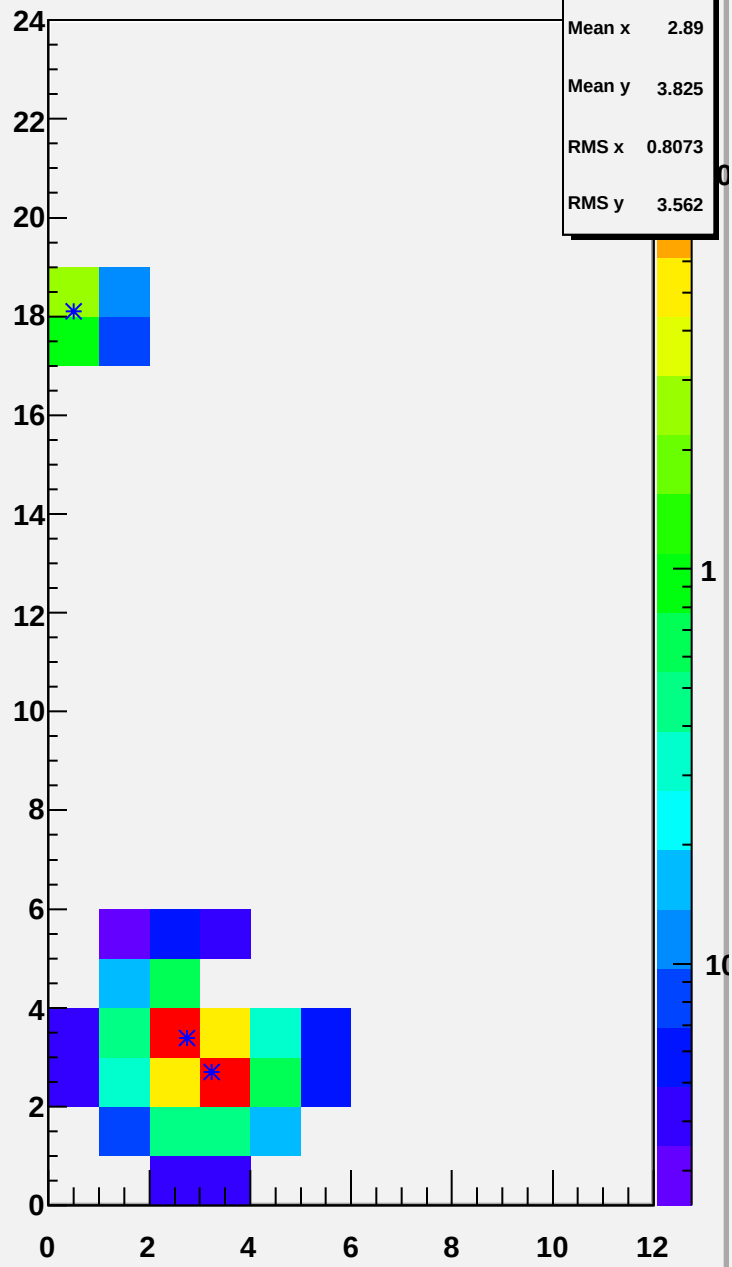
Efit

Entries	288
Mean x	2.15
Mean y	2.921
RMS x	0.6102
RMS y	0.6563

NSTB3_r4_c3_En=57.3_m0=0.137 m1=0.137 index=2249



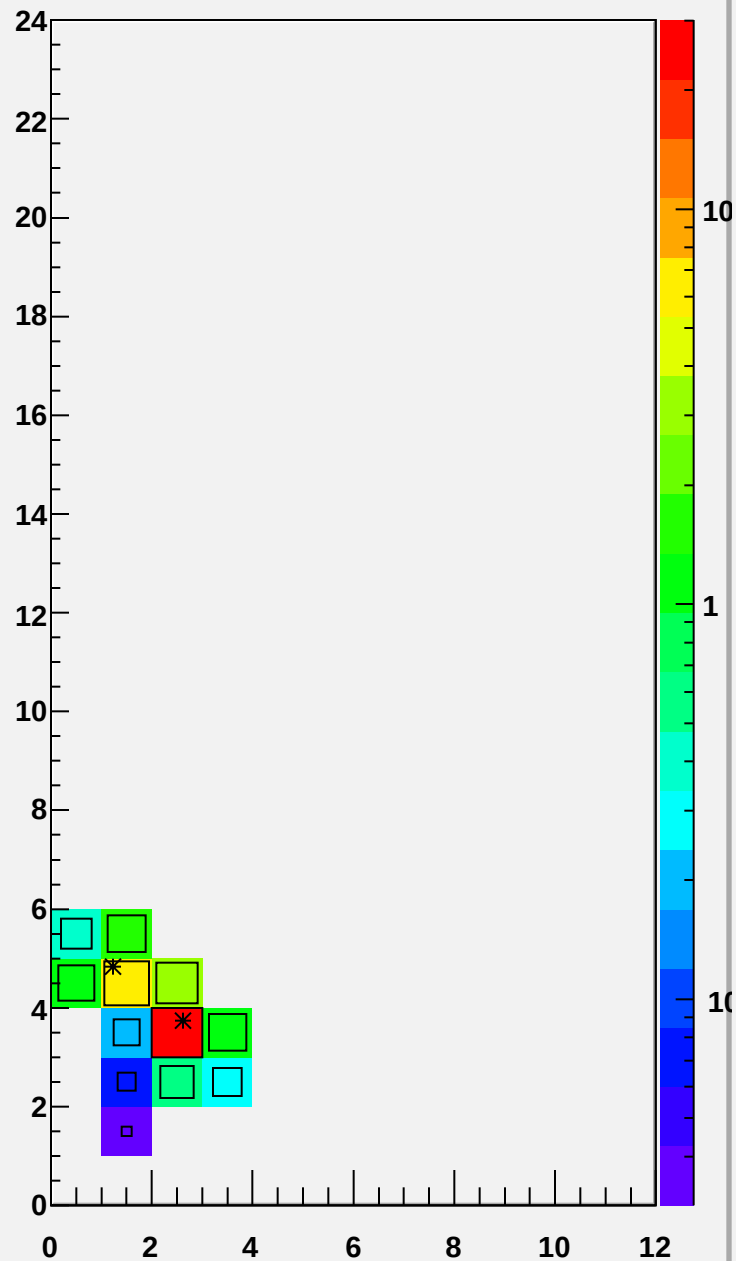
Fitted Energies



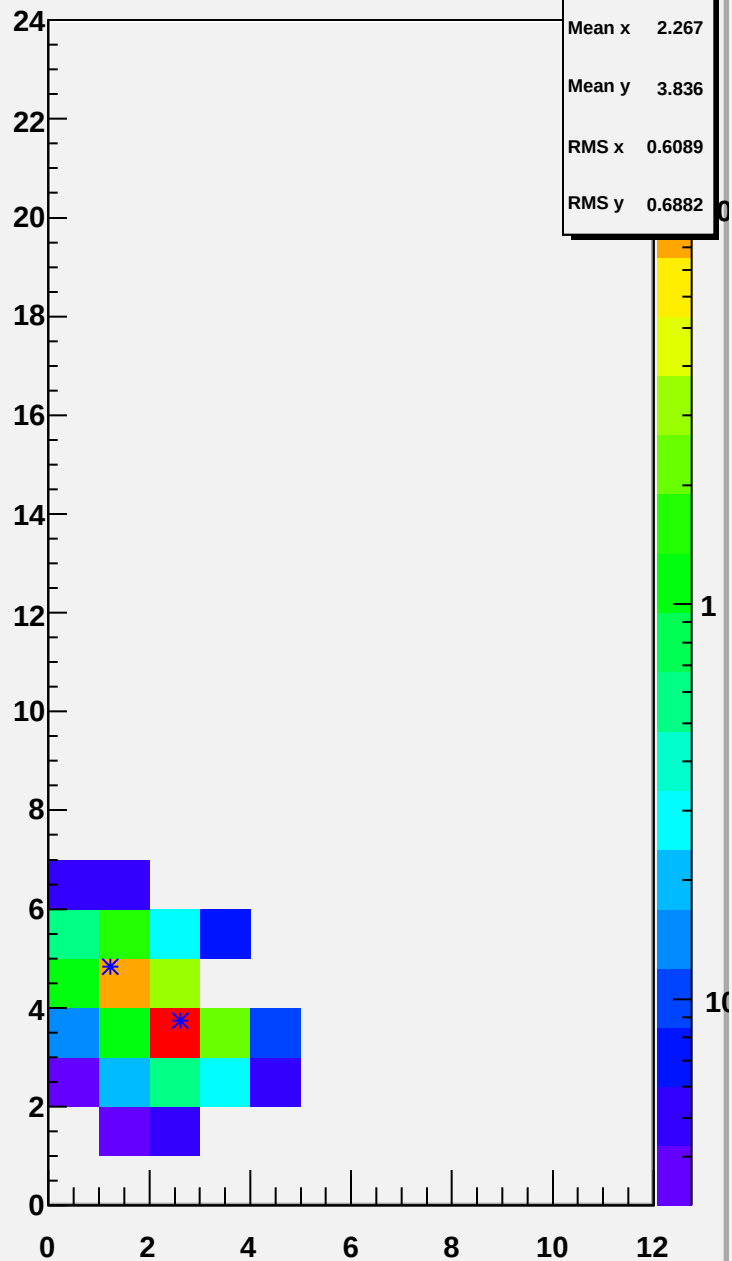
Efit

Entries	288
Mean x	2.89
Mean y	3.825
RMS x	0.8073
RMS y	3.562

NSTB3_r4_c3_En=46.1_m0=0.197 m1=0.197 index=2250



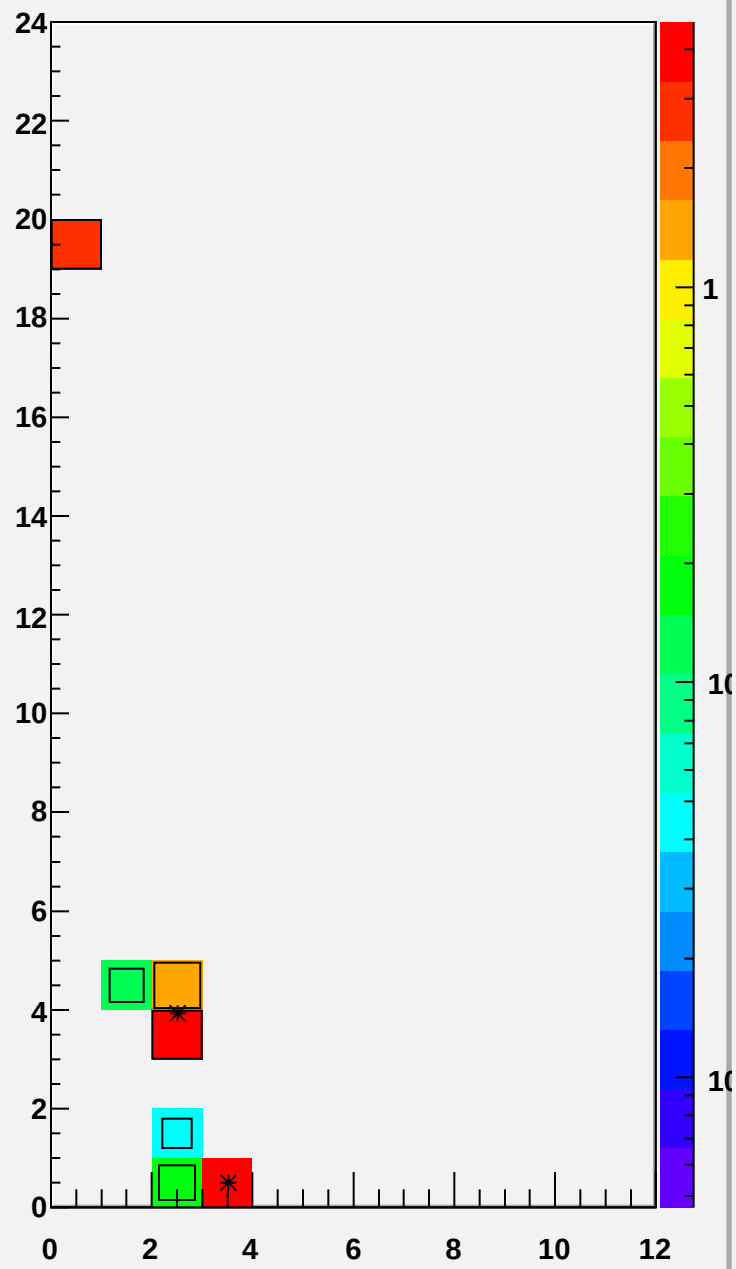
Fitted Energies



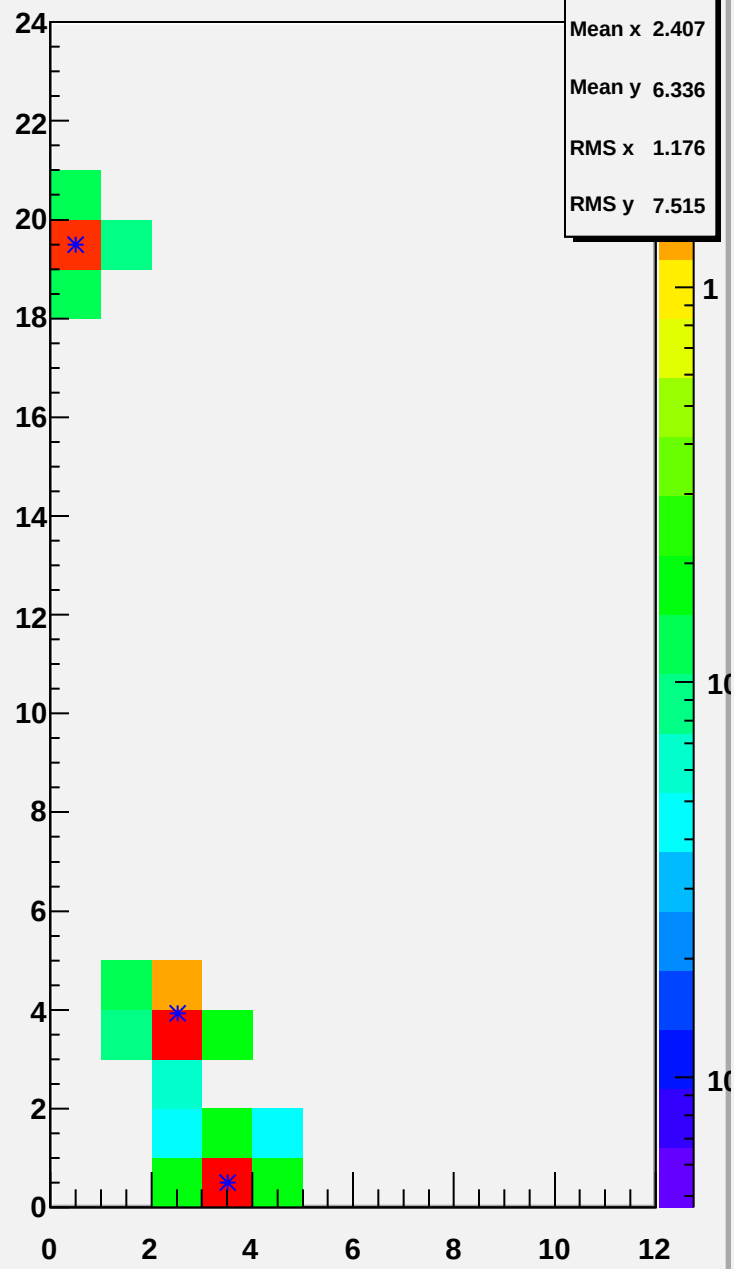
Efit

Entries	288
Mean x	2.267
Mean y	3.836
RMS x	0.6089
RMS y	0.6882

NSTB3_r4_c3_En=13.2_m0=0.108 m1=0.108 index=2251



Fitted Energies



Efit

Entries 288

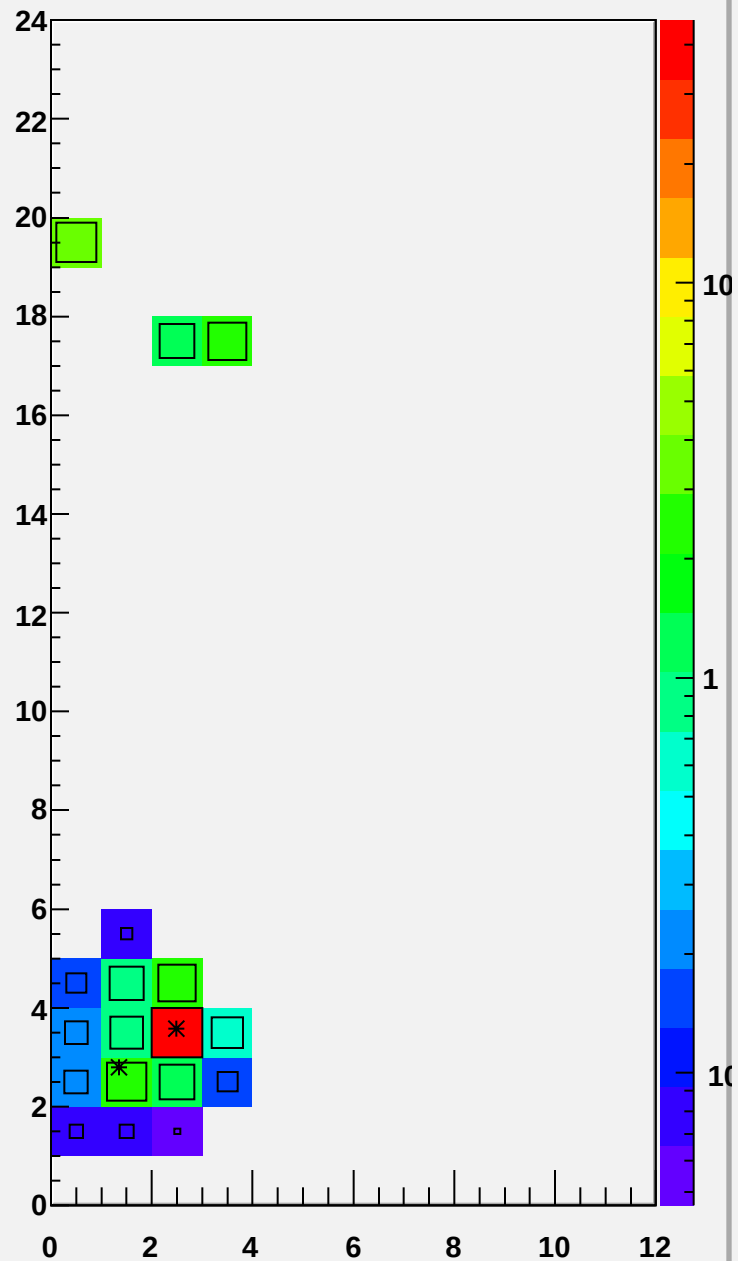
Mean x 2.407

Mean y 6.336

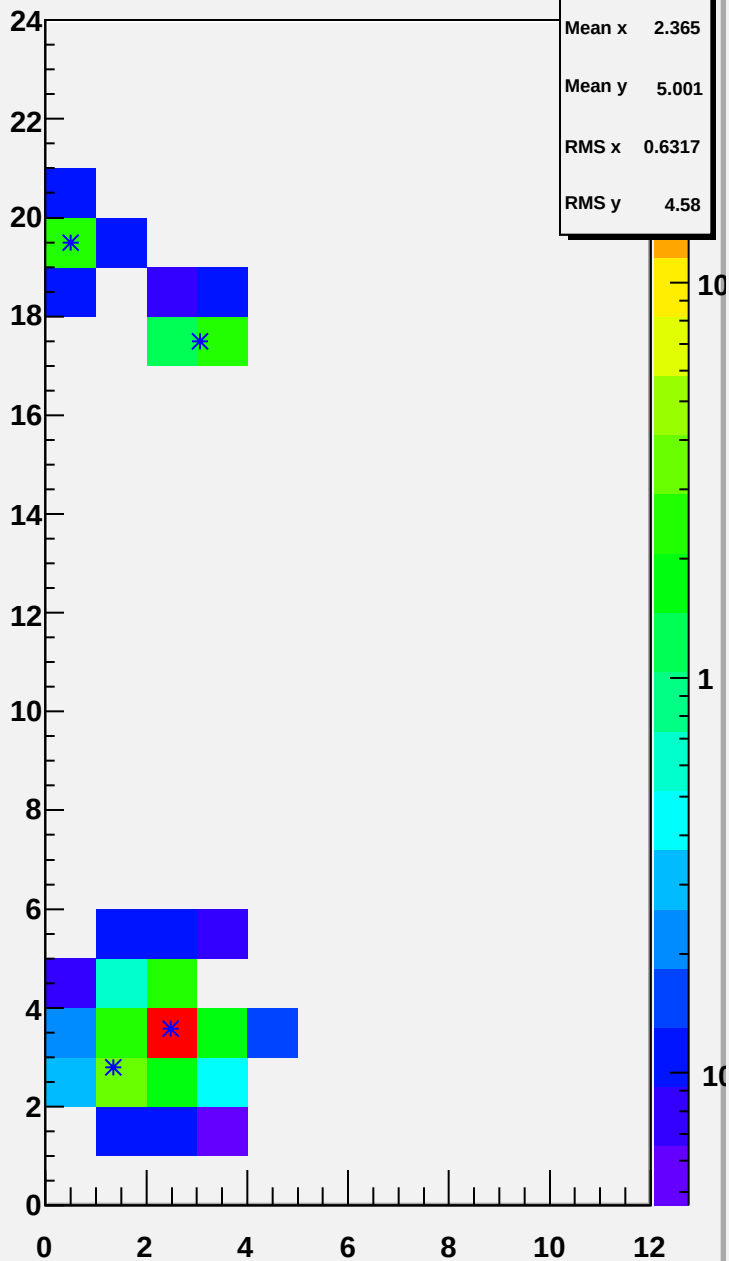
RMS x 1.176

RMS y 7.515

NSTB3_r4_c3_En=62.8_m0=0.111 m1=0.111 index=2252



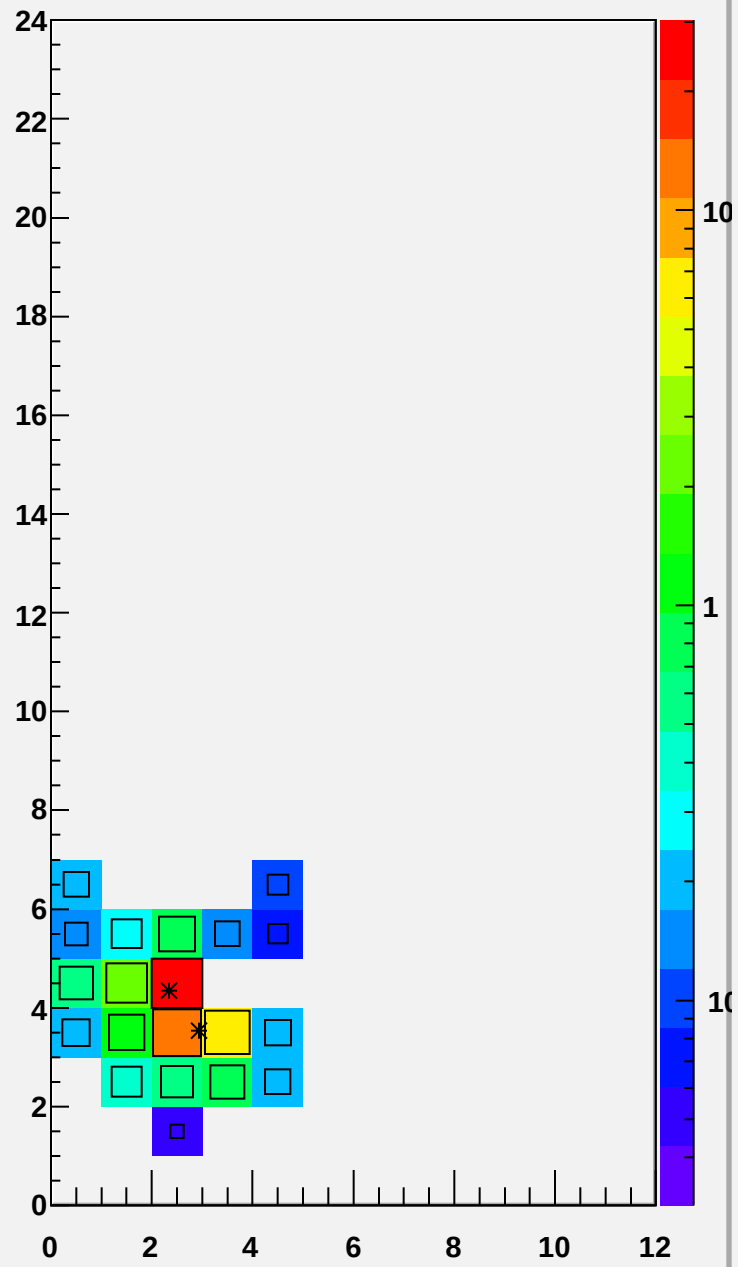
Fitted Energies



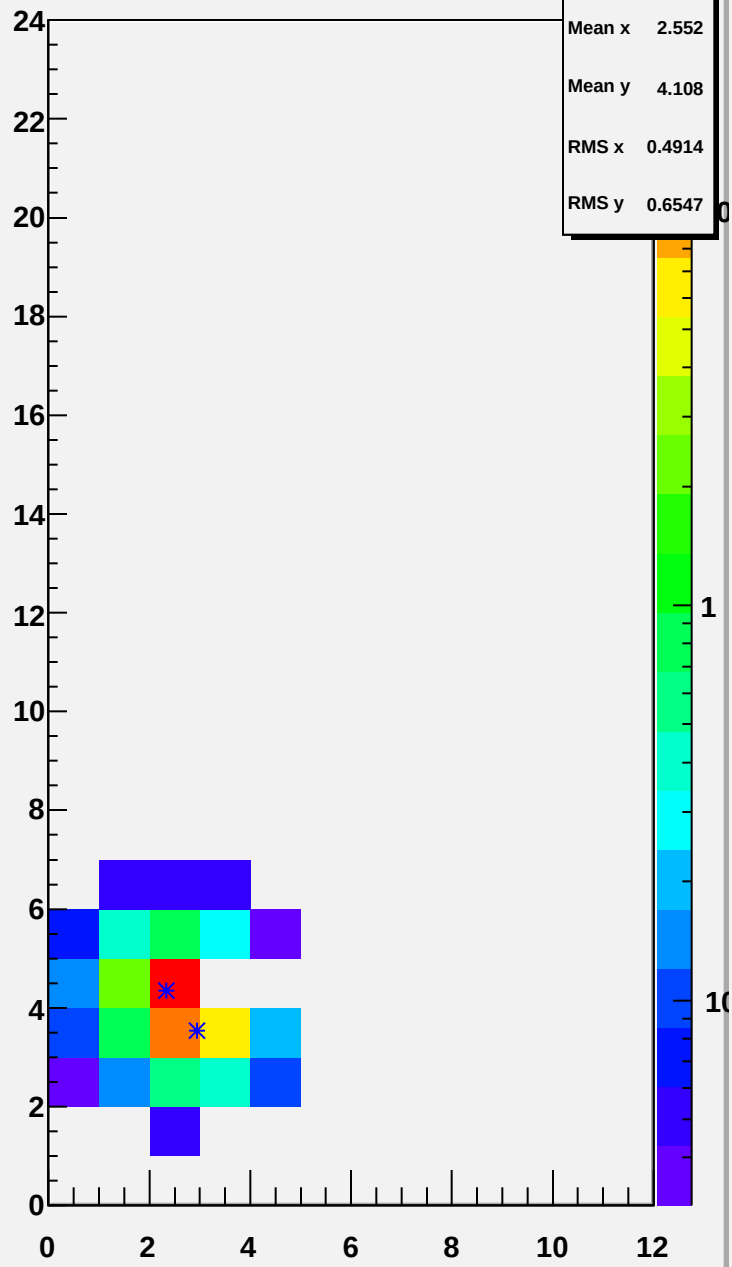
Efit

Entries	288
Mean x	2.365
Mean y	5.001
RMS x	0.6317
RMS y	4.58

NSTB3_r4_c3_En=59.5_m0=0.155 m1=0.156 index=2253

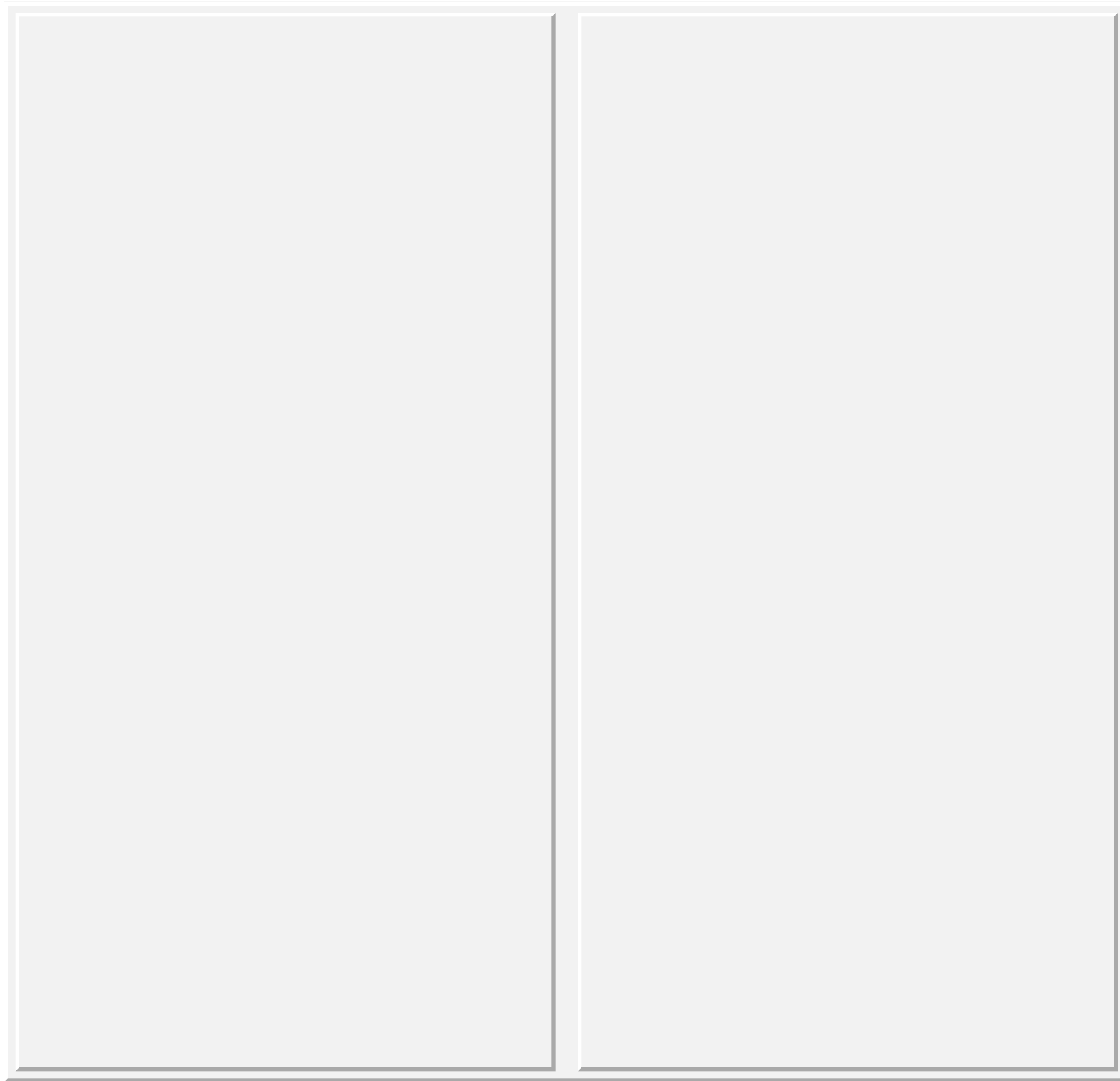


Fitted Energies

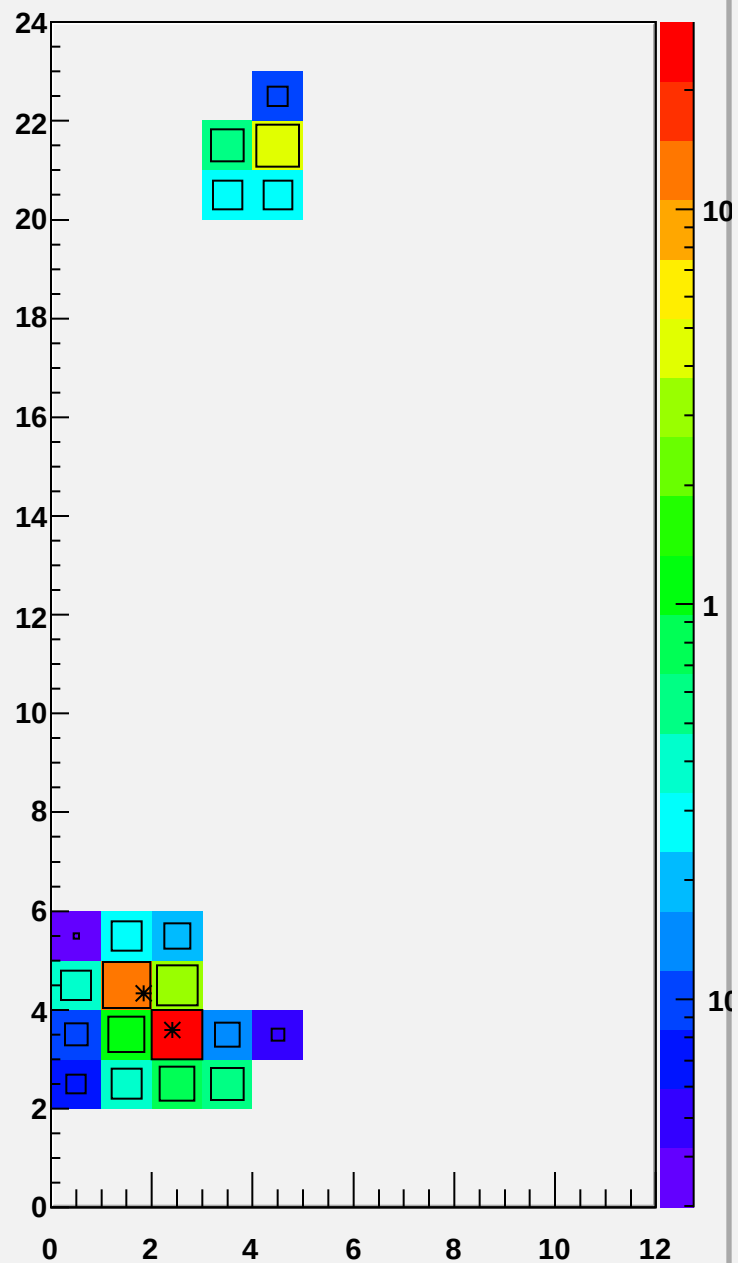


Efit

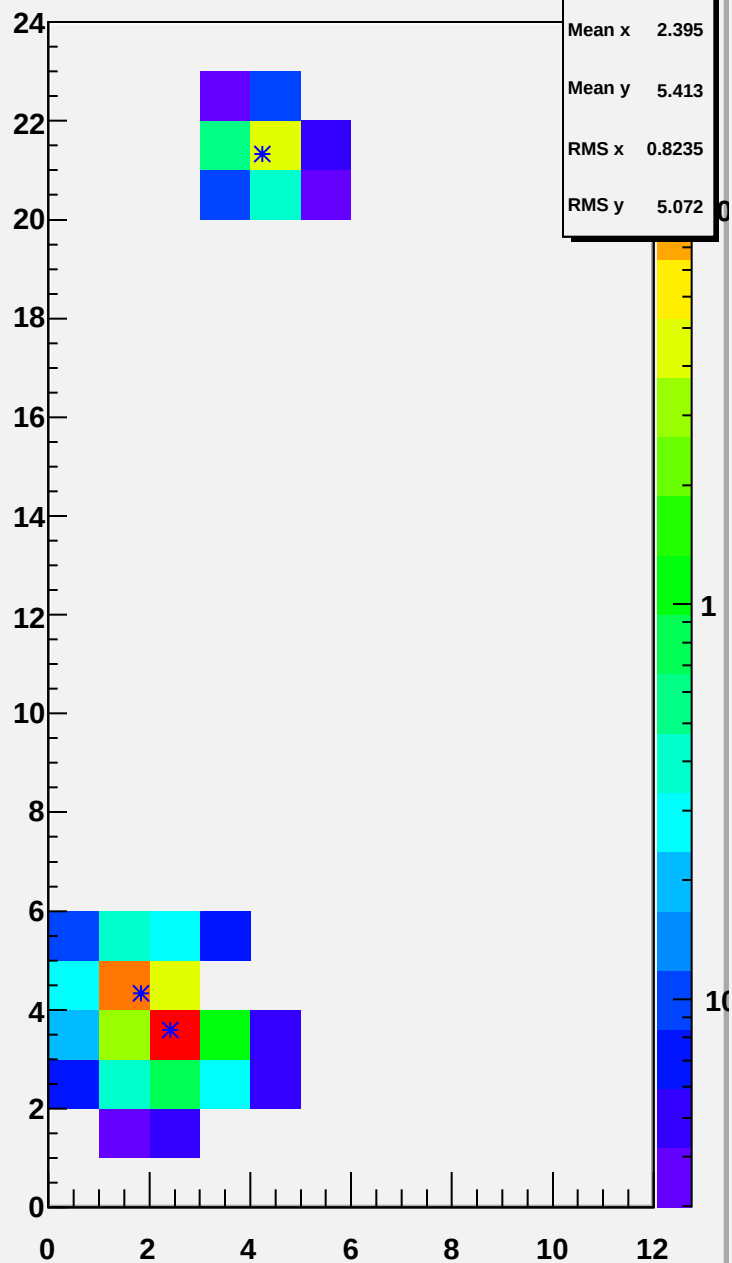
Entries	288
Mean x	2.552
Mean y	4.108
RMS x	0.4914
RMS y	0.6547



NSTB3_r4_c3_En=54.3_m0=0.130 m1=0.130 index=2255



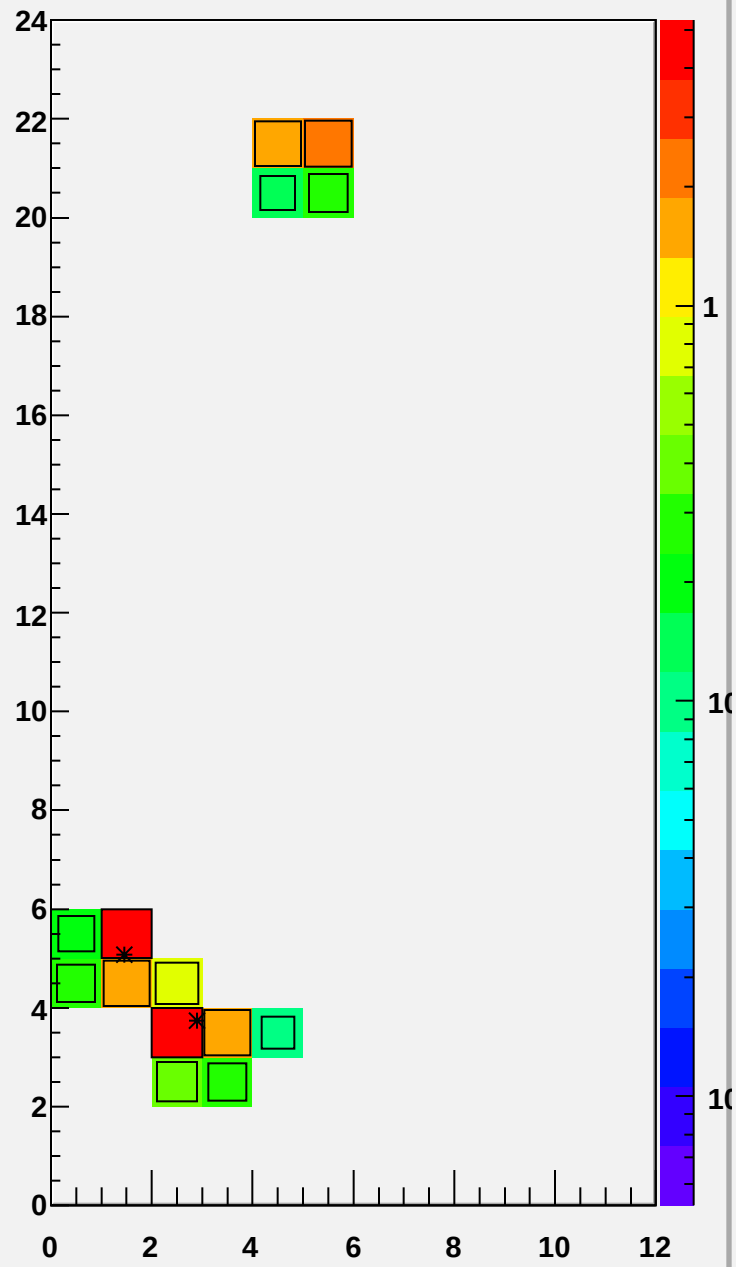
Fitted Energies



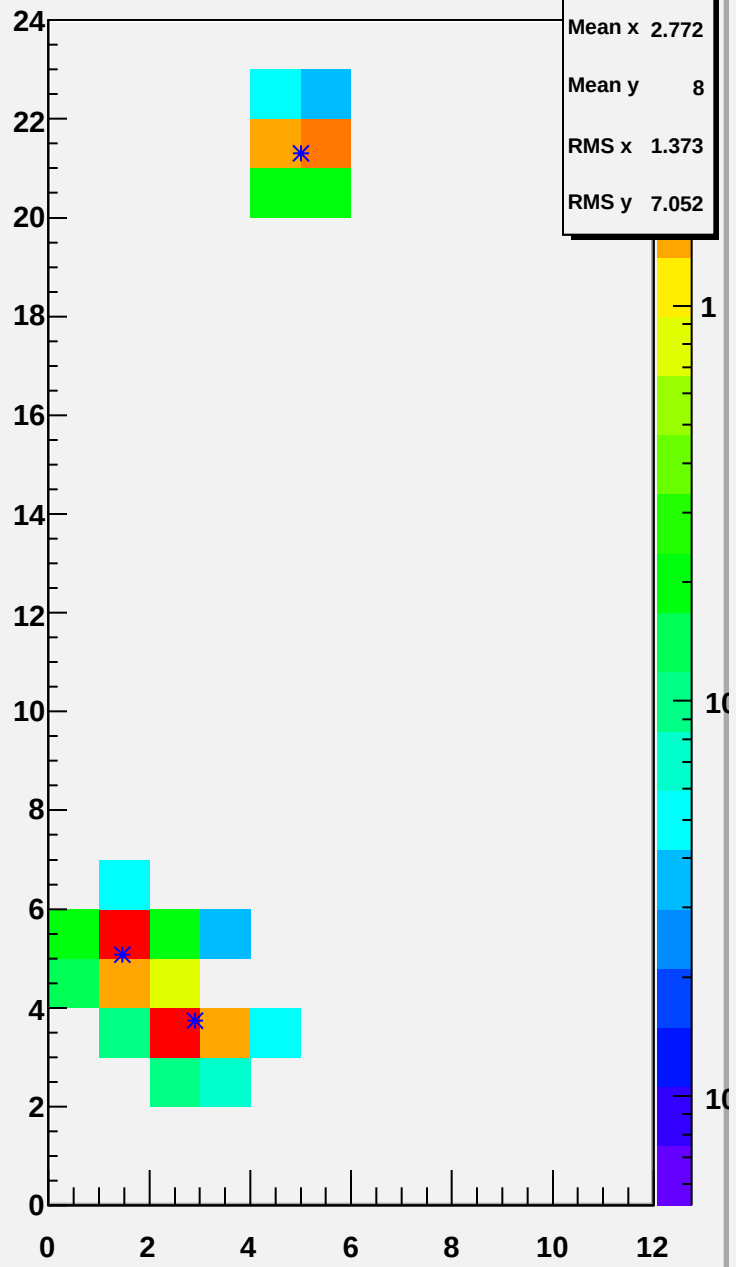
Efit

Entries	288
Mean x	2.395
Mean y	5.413
RMS x	0.8235
RMS y	5.072

NSTB3_r4_c3_En=19.4_m0=0.086 m1=0.086 index=2256



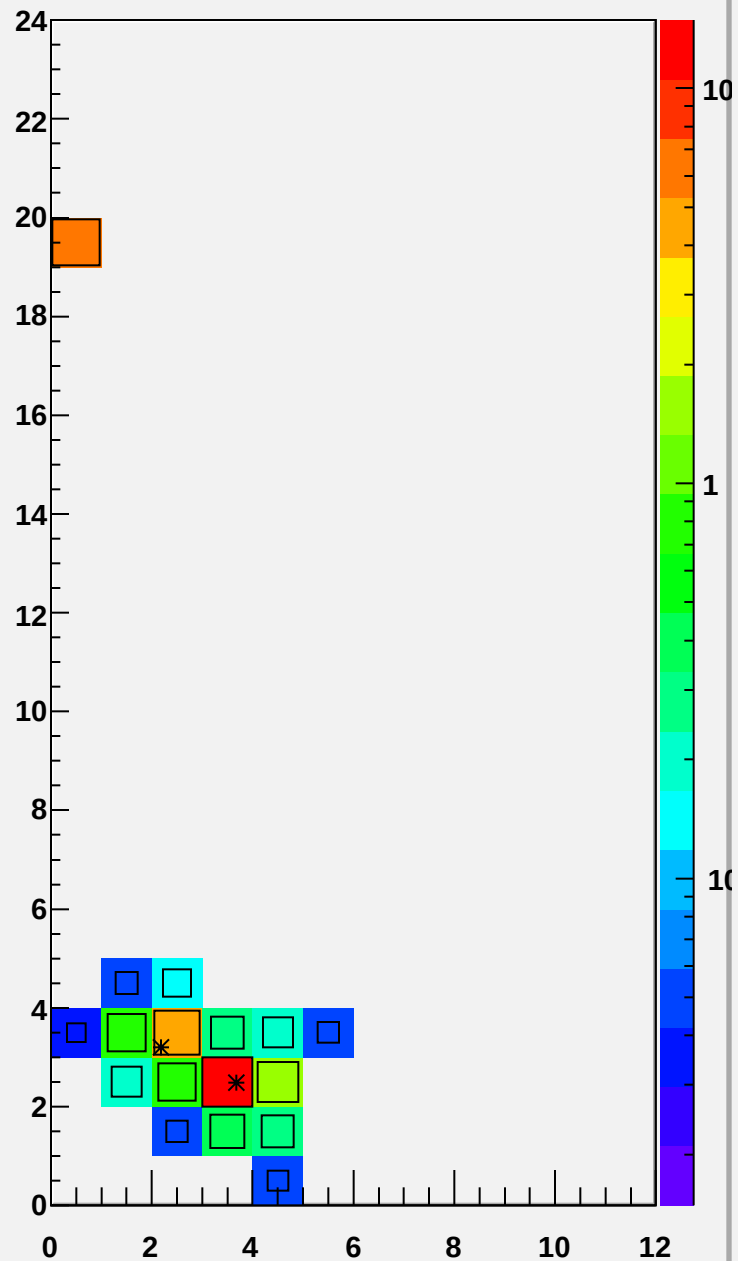
Fitted Energies



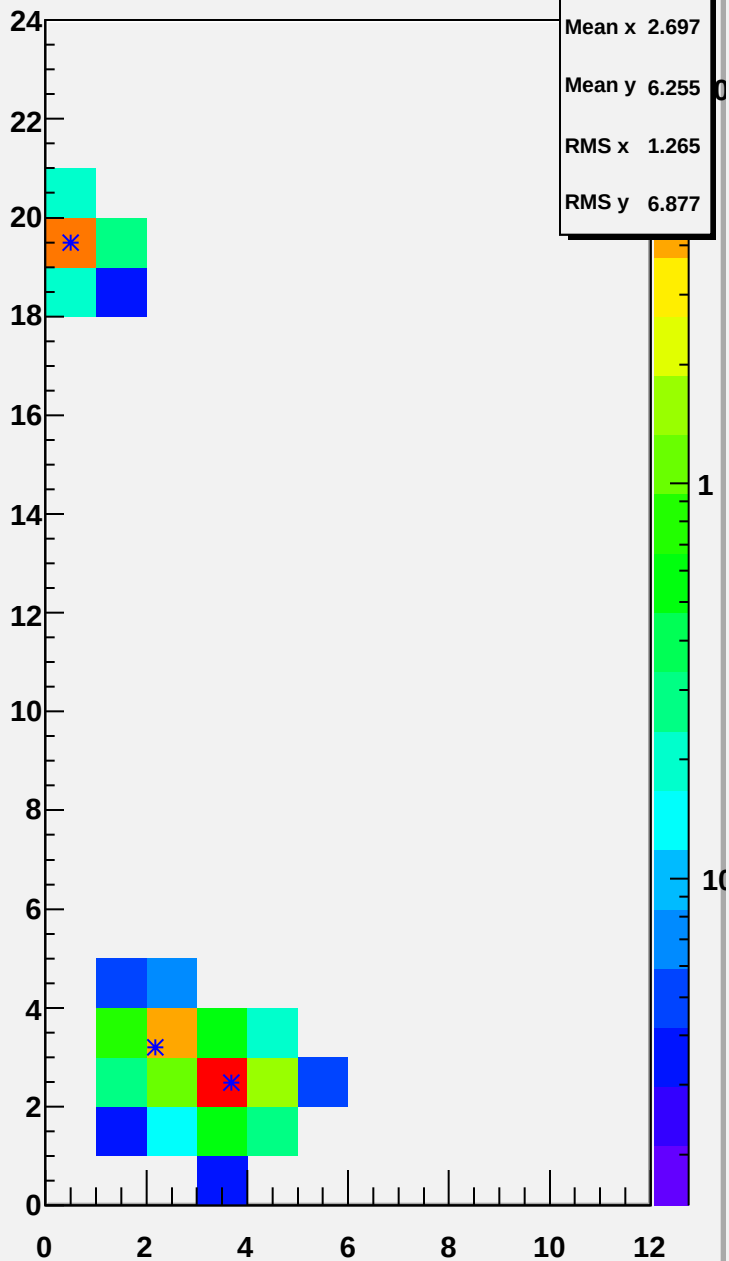
Efit

Entries 288
Mean x 2.772
Mean y 8
RMS x 1.373
RMS y 7.052

NSTB3_r4_c3_En=29.9_m0=0.095 m1=0.095 index=2257



Fitted Energies



Efit

Entries 288

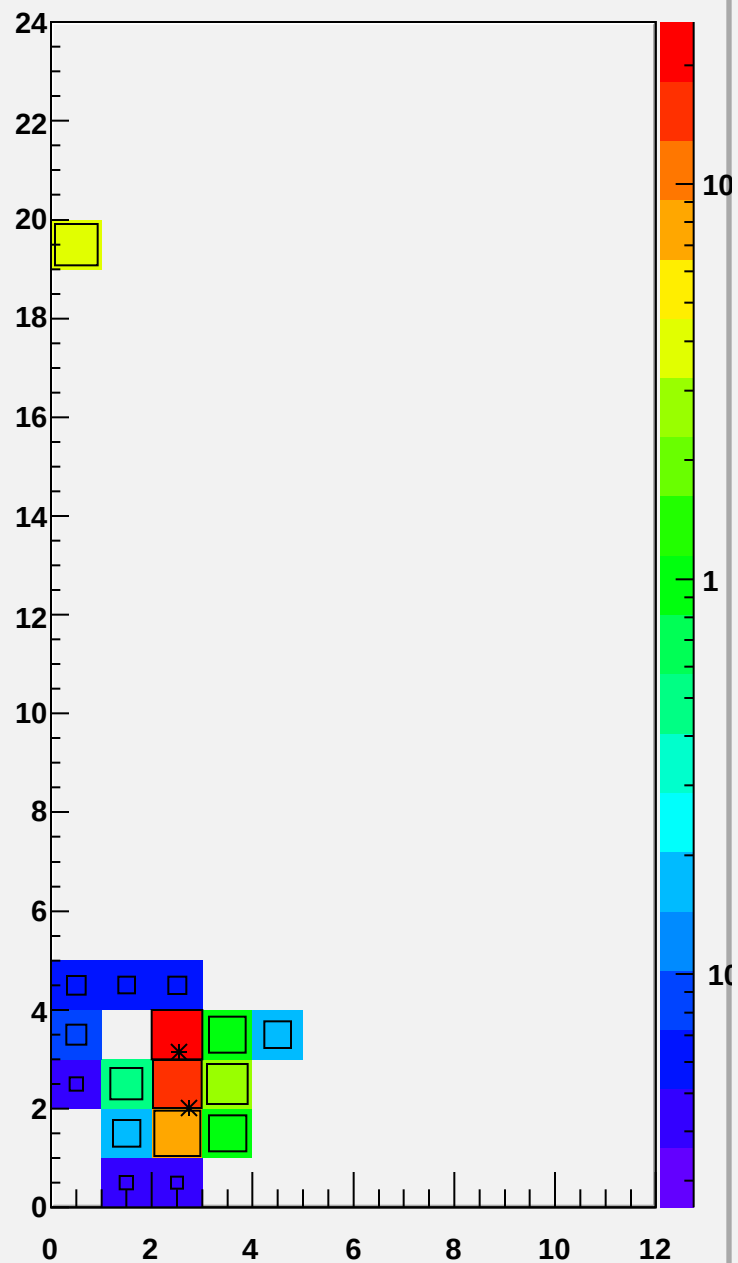
Mean x 2.697

Mean y 6.255

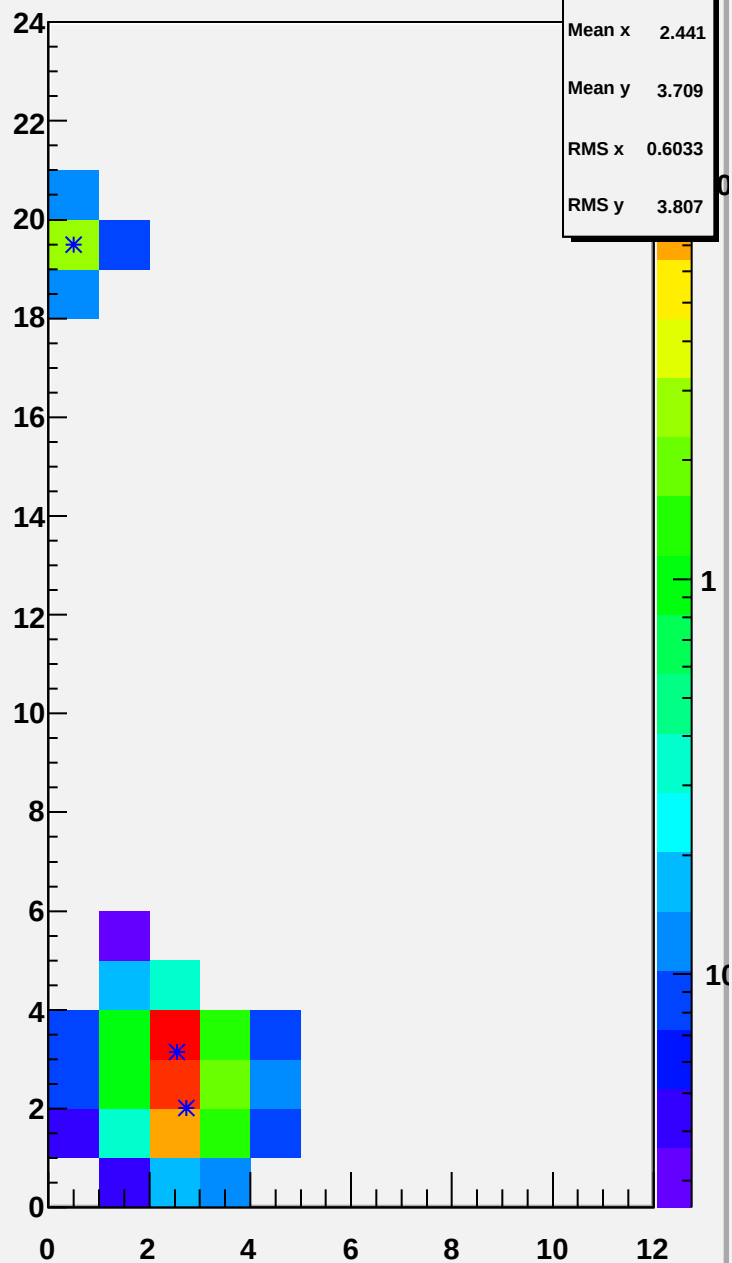
RMS x 1.265

RMS y 6.877

NSTB3_r4_c3_En=58.9_m0=0.176 m1=0.176 index=2258



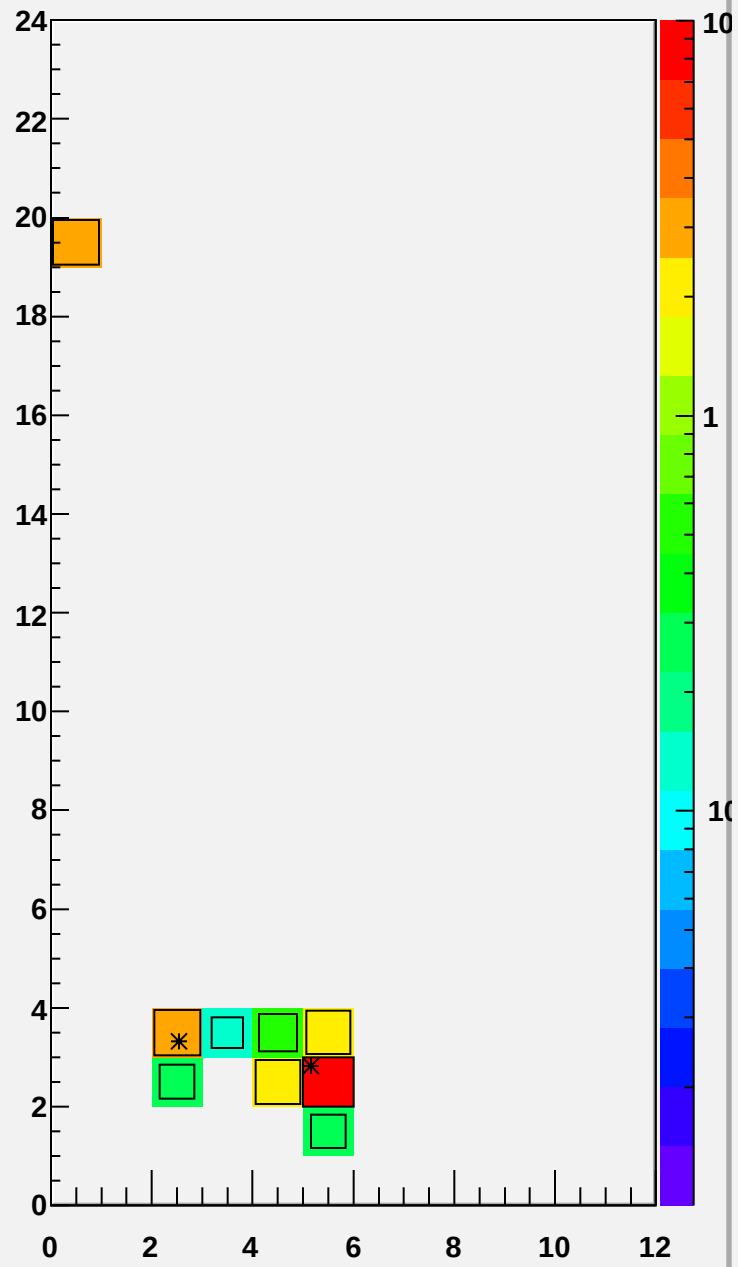
Fitted Energies



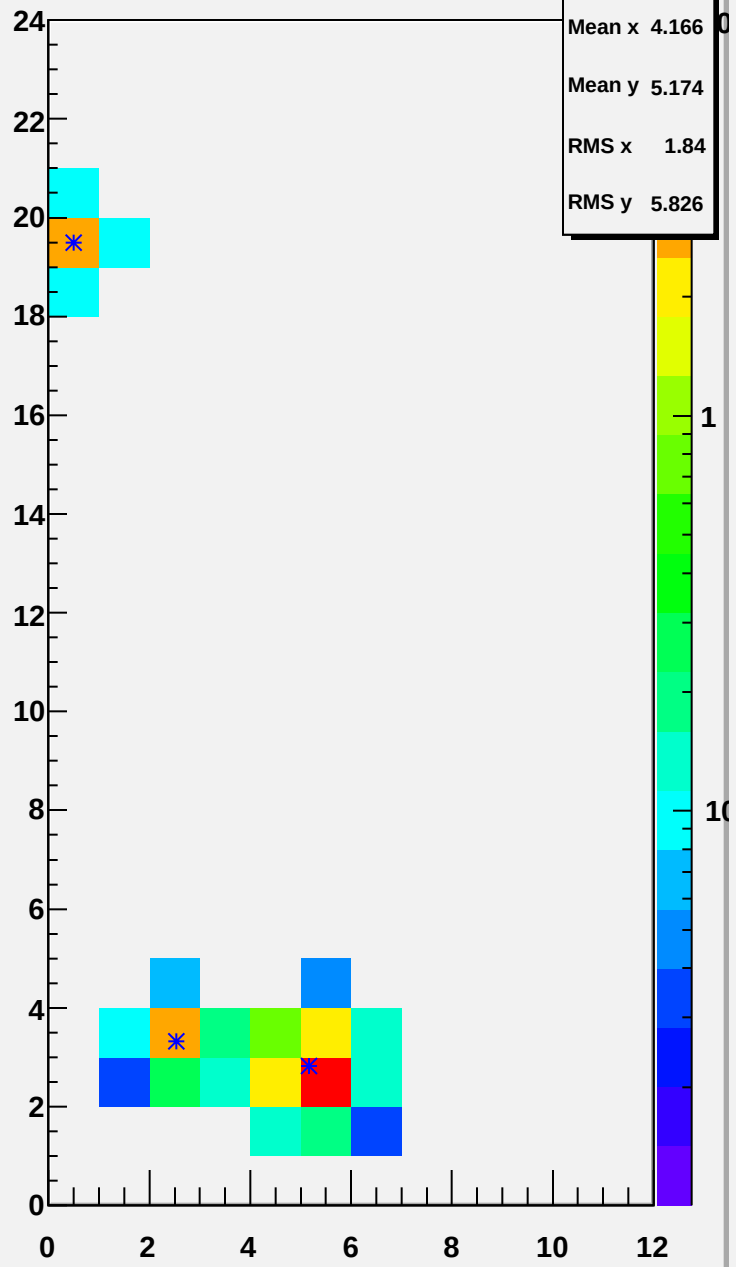
Efit

Entries	288
Mean x	2.441
Mean y	3.709
RMS x	0.6033
RMS y	3.807

NSTB3_r4_c3_En=22.2_m0=0.114 m1=0.114 index=2259



Fitted Energies



Efit

Entries 288

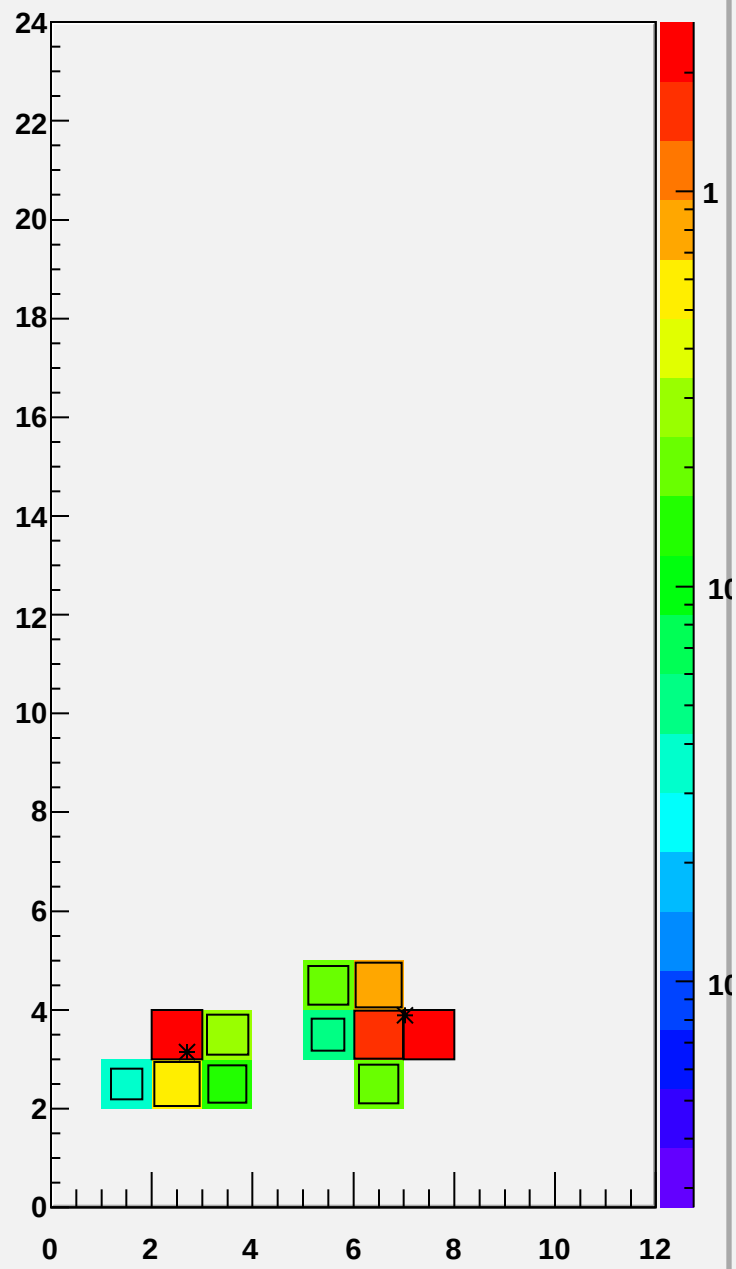
Mean x 4.166

Mean y 5.174

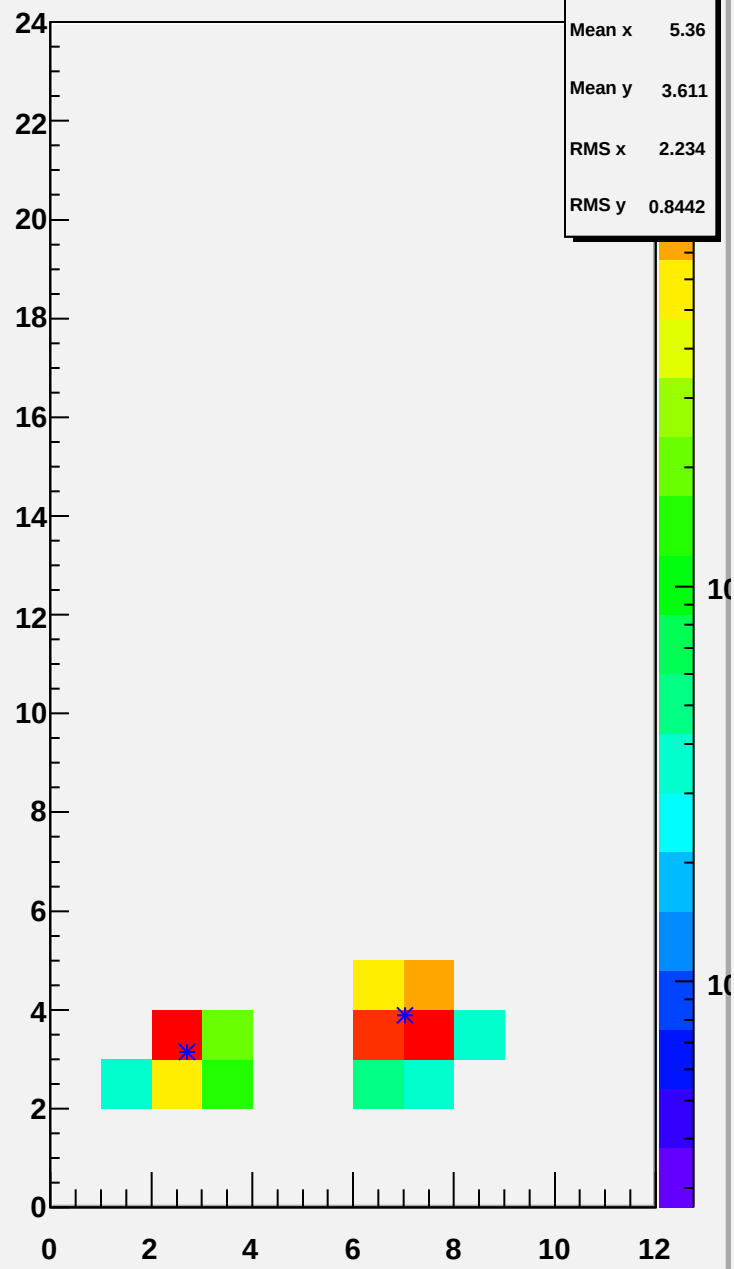
RMS x 1.84

RMS y 5.826

NSTB3_r4_c3_En= 9.5_m0=0.120 m1=0.120 index=2260



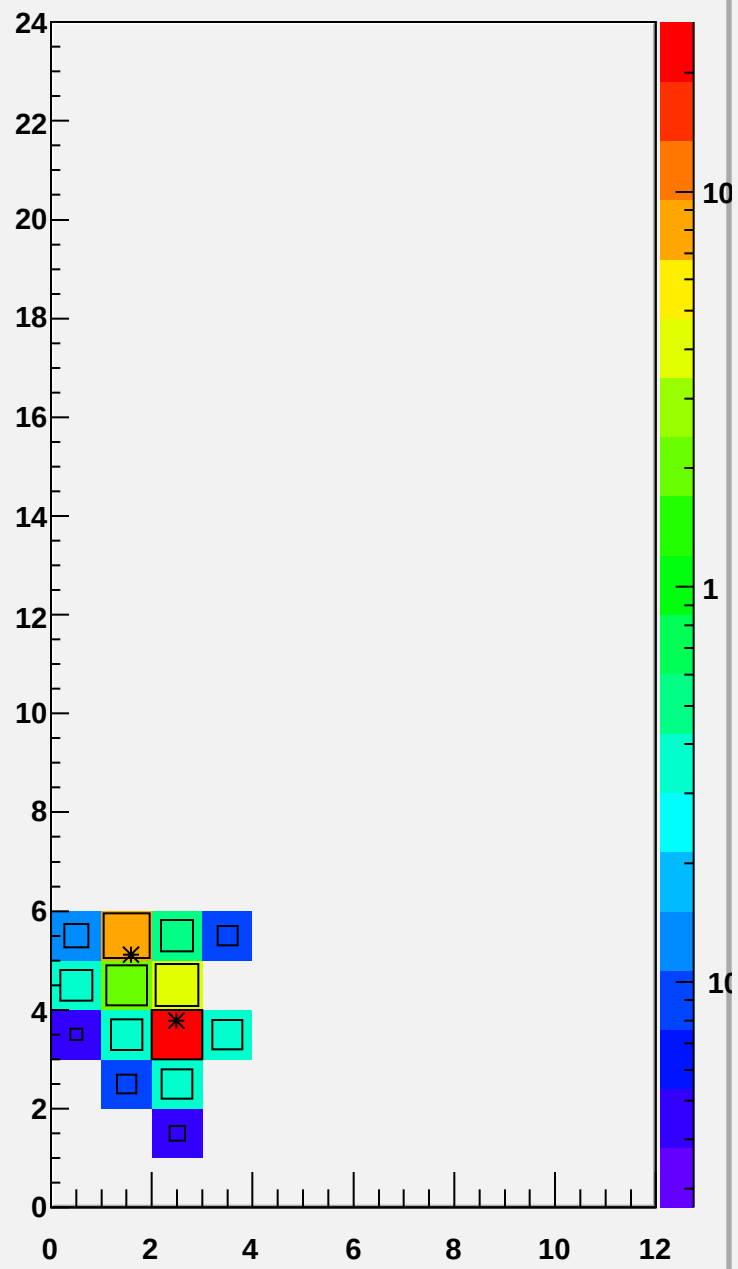
Fitted Energies



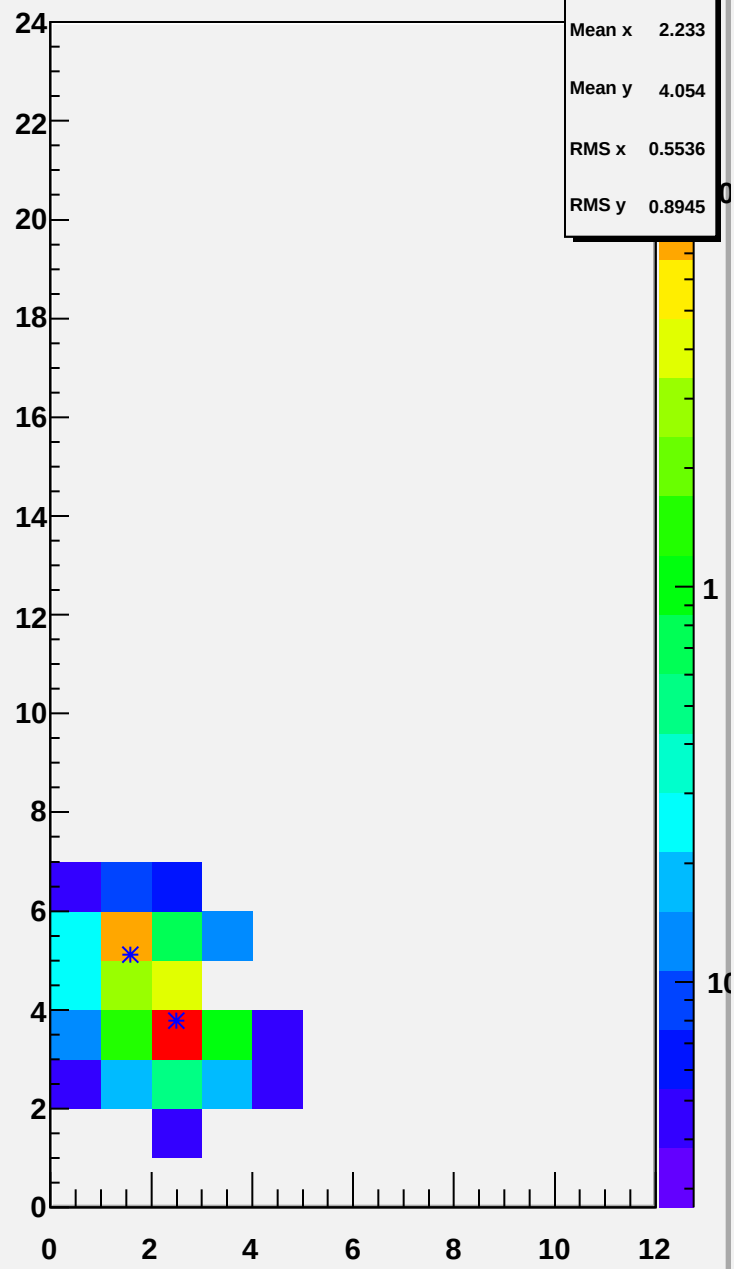
Efit

Entries	288
Mean x	5.36
Mean y	3.611
RMS x	2.234
RMS y	0.8442

NSTB3_r4_c3_En=43.6_m0=0.183 m1=0.182 index=2261



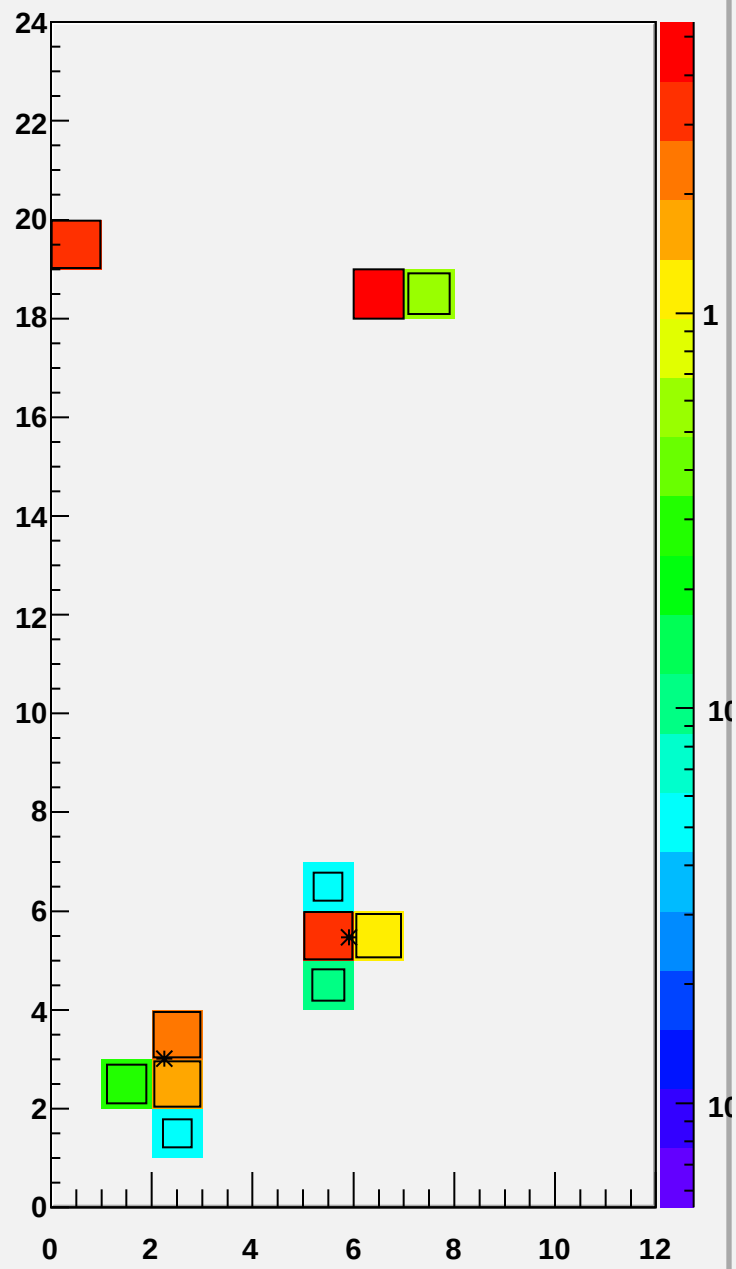
Fitted Energies



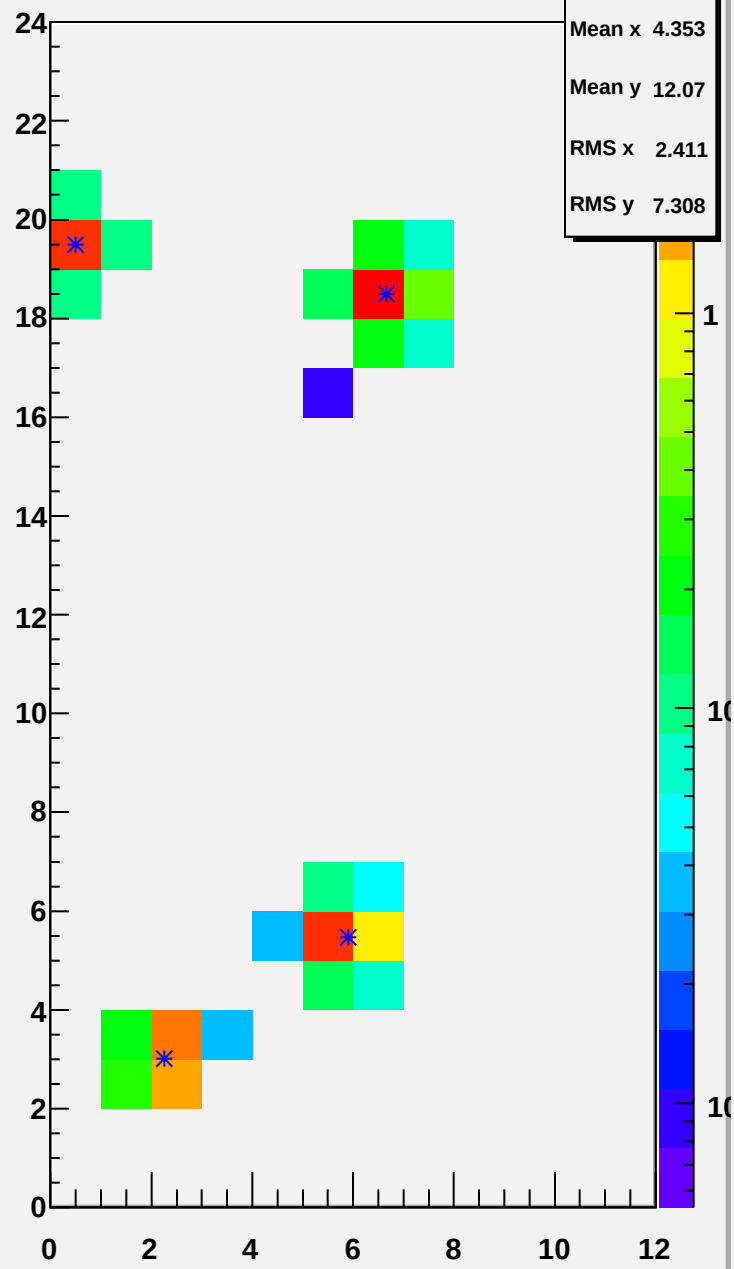
Efit

Entries	288
Mean x	2.233
Mean y	4.054
RMS x	0.5536
RMS y	0.8945

NSTB3_r4_c3_En=17.5_m0=0.109 m1=0.109 index=2263



Fitted Energies



Efit

Entries 288

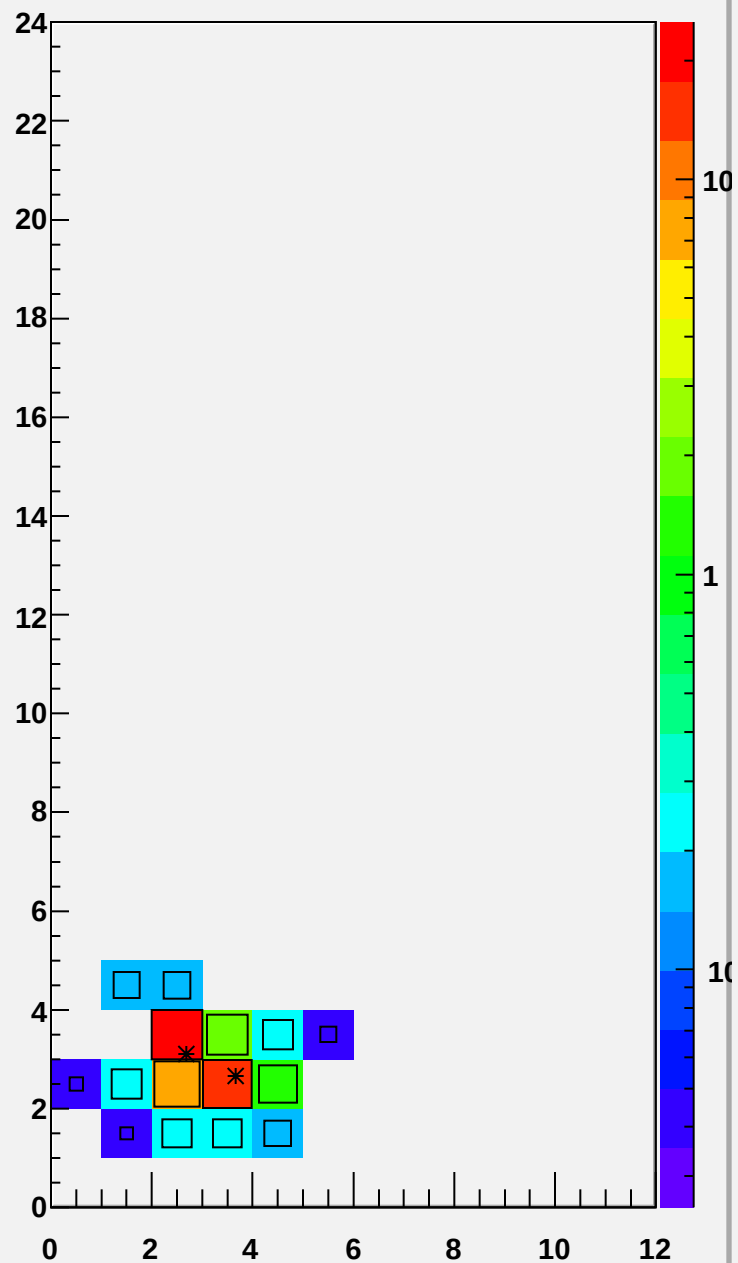
Mean x 4.353

Mean y 12.07

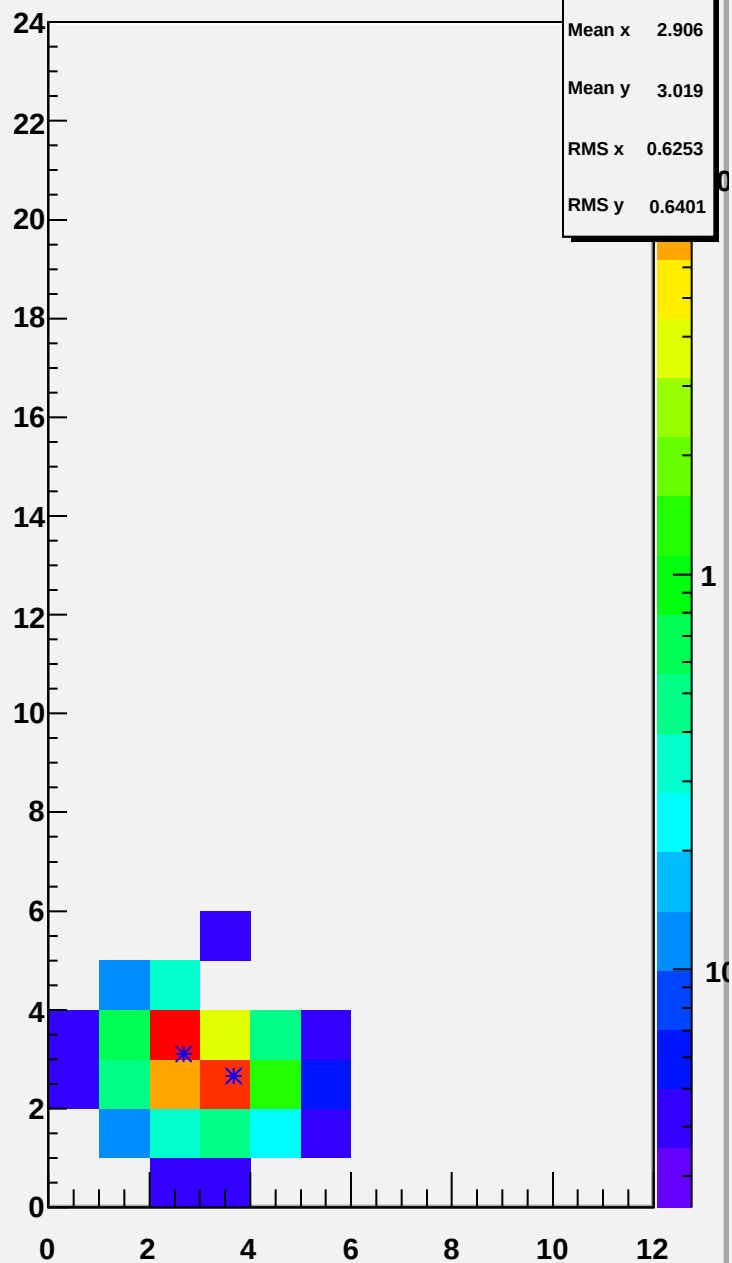
RMS x 2.411

RMS y 7.308

NSTB3_r4_c3_En=52.7_m0=0.161 m1=0.161 index=2264



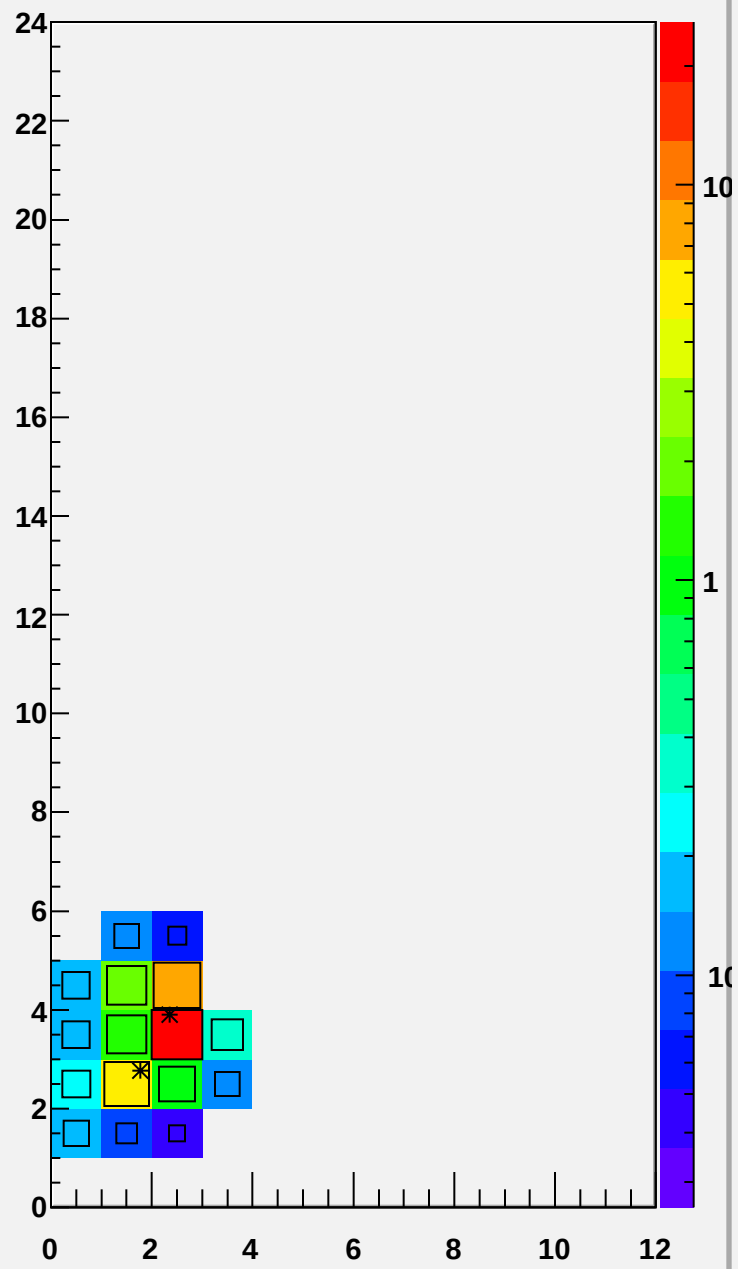
Fitted Energies



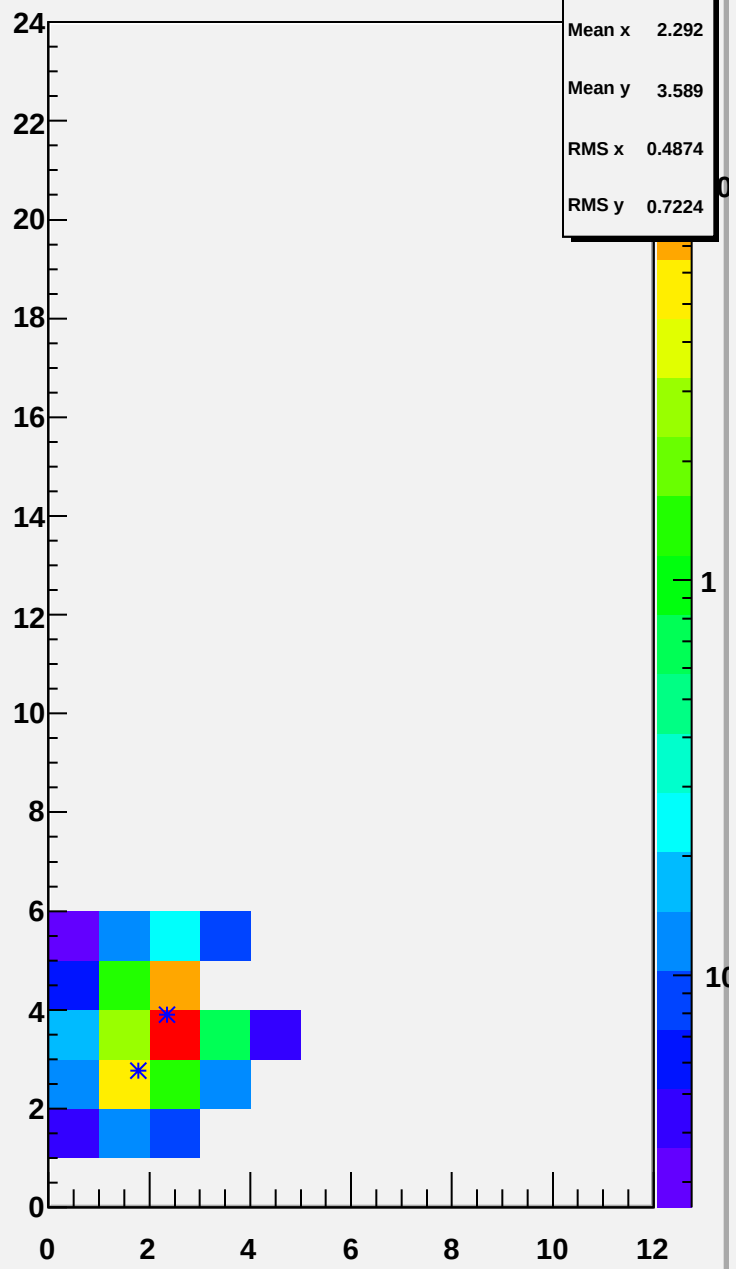
Efit

Entries	288
Mean x	2.906
Mean y	3.019
RMS x	0.6253
RMS y	0.6401

NSTB3_r4_c3_En=46.3_m0=0.127 m1=0.127 index=2265



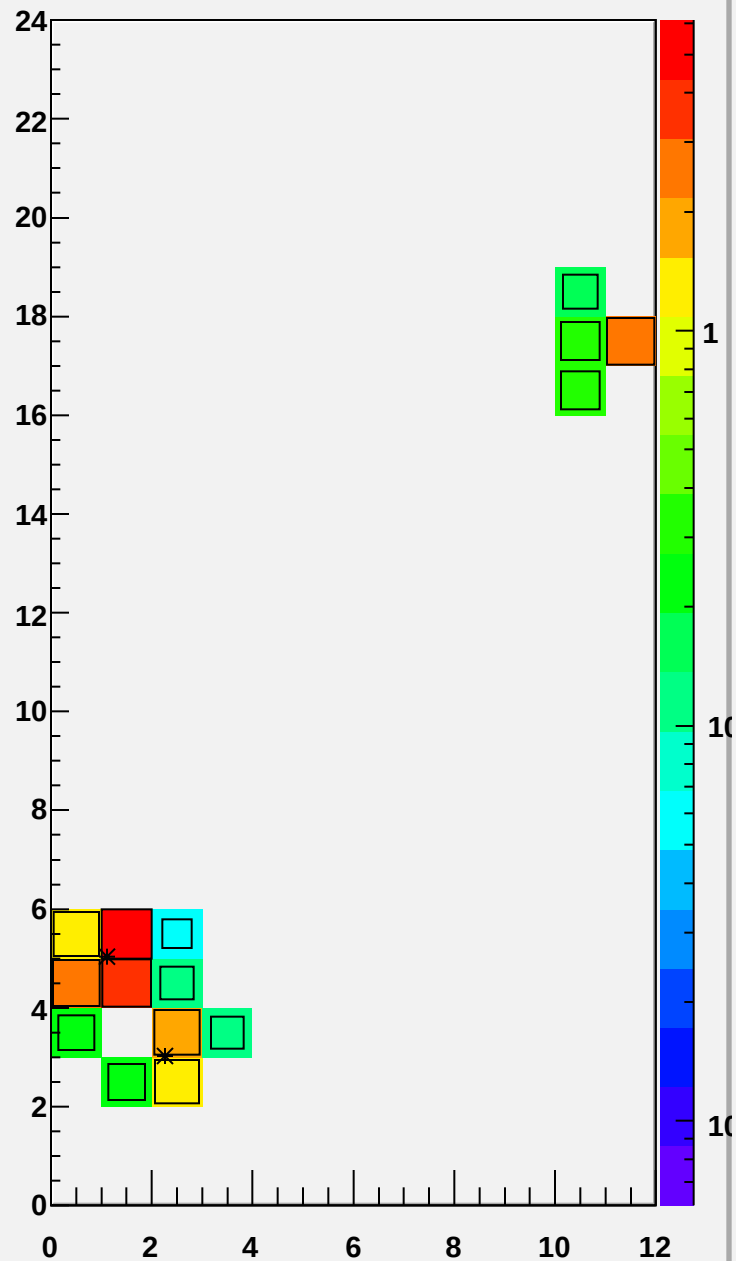
Fitted Energies



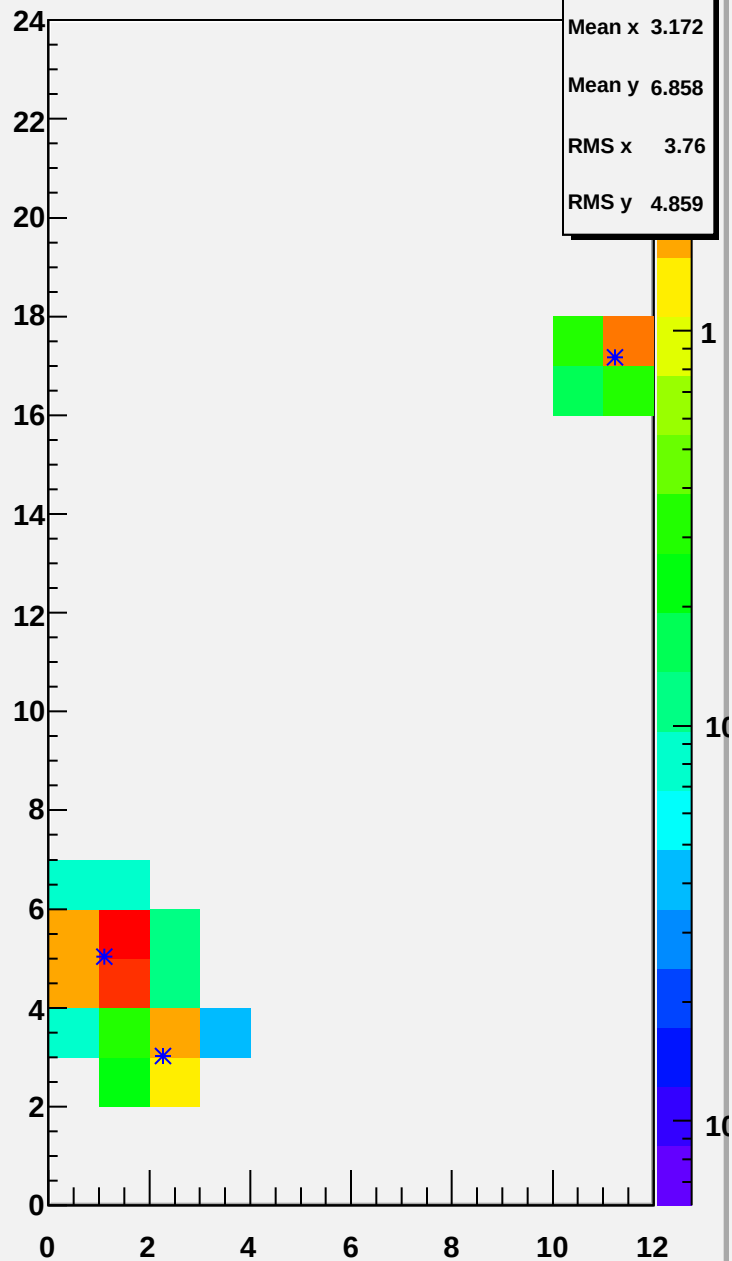
Efit

Entries	288
Mean x	2.292
Mean y	3.589
RMS x	0.4874
RMS y	0.7224

NSTB3_r4_c3_En=20.9_m0=0.094 m1=0.094 index=2266



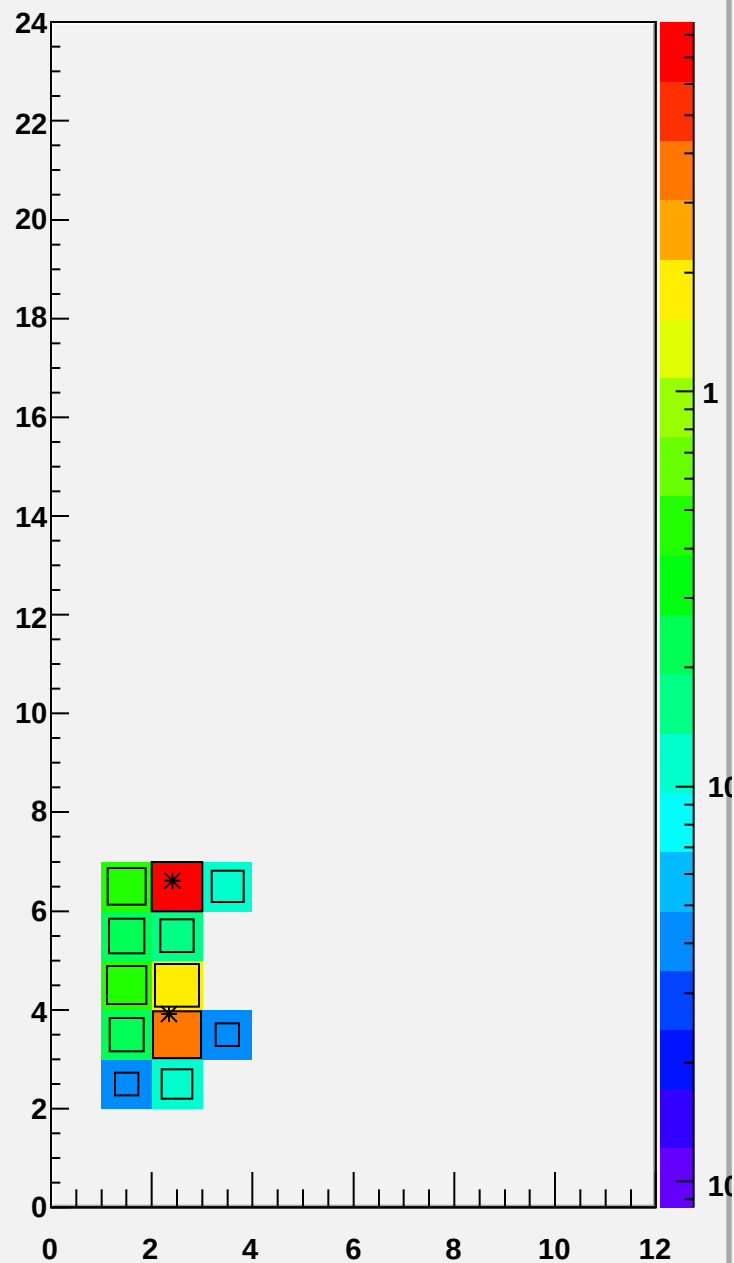
Fitted Energies



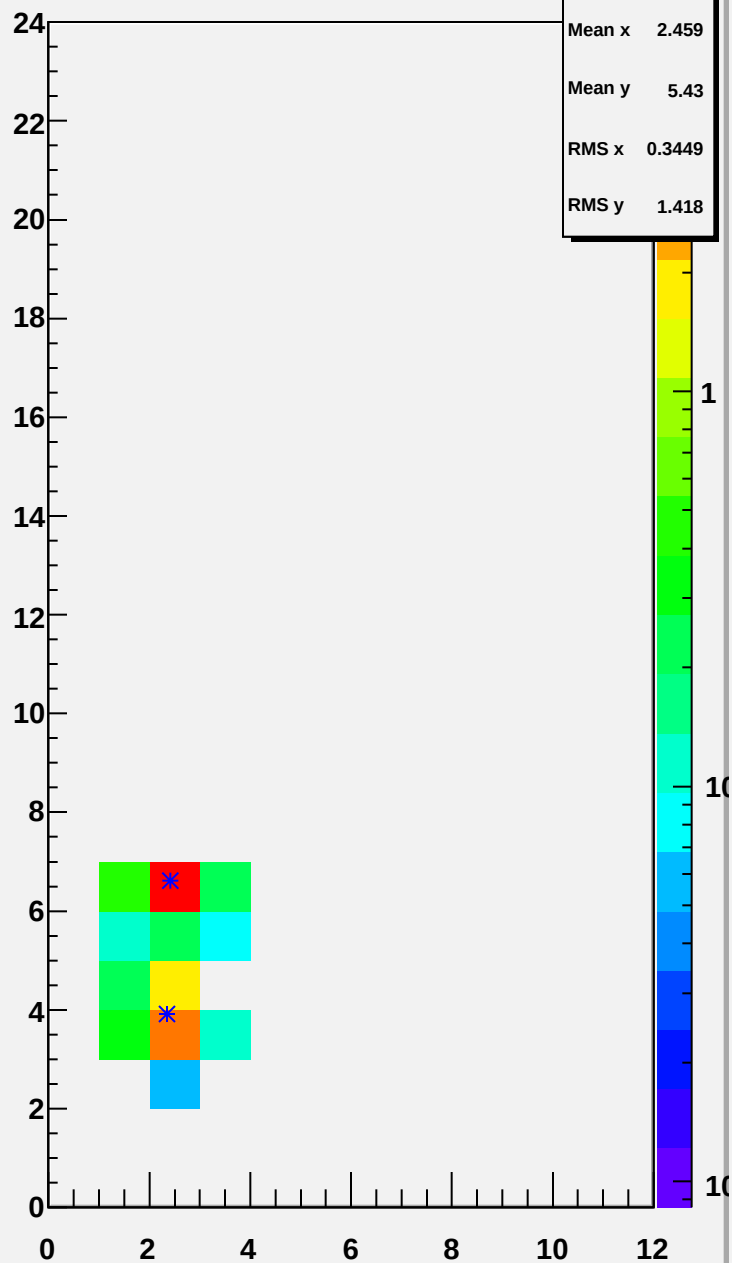
Efit

Entries 288
Mean x 3.172
Mean y 6.858
RMS x 3.76
RMS y 4.859

NSTB3_r4_c3_En=16.1_m0=0.126 m1=0.126 index=2267



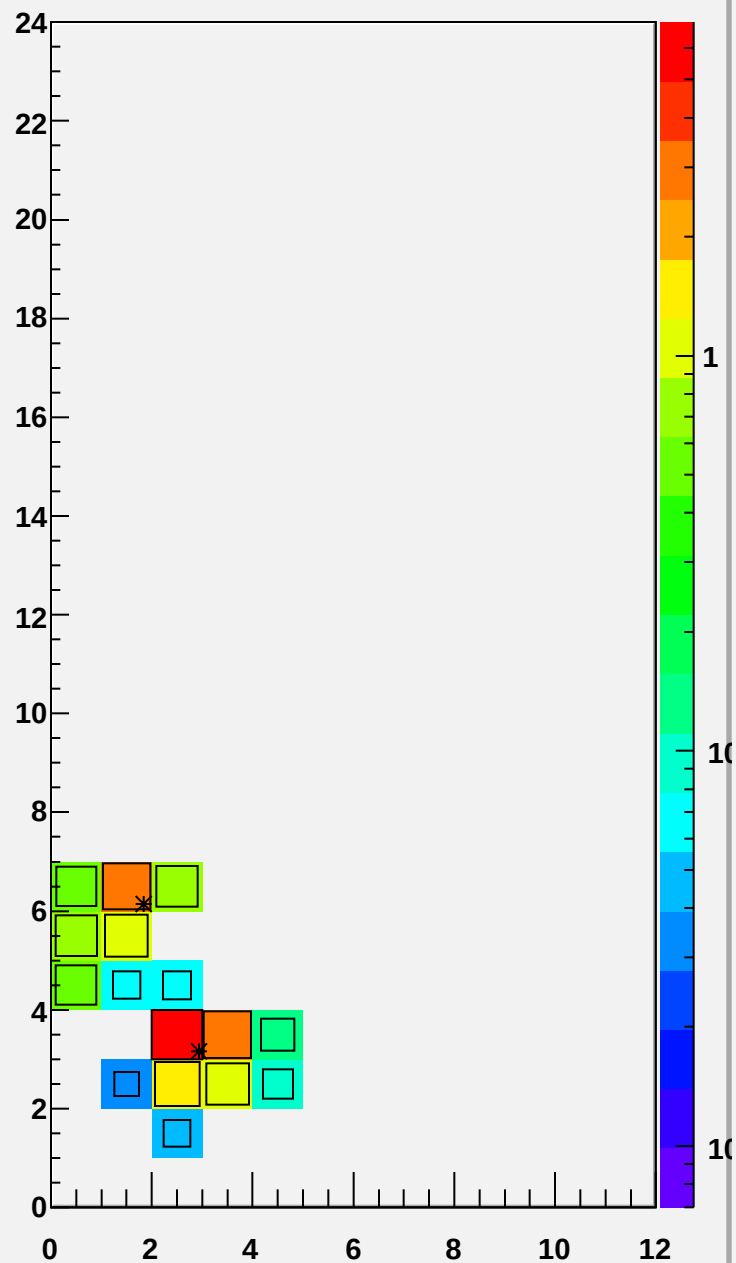
Fitted Energies



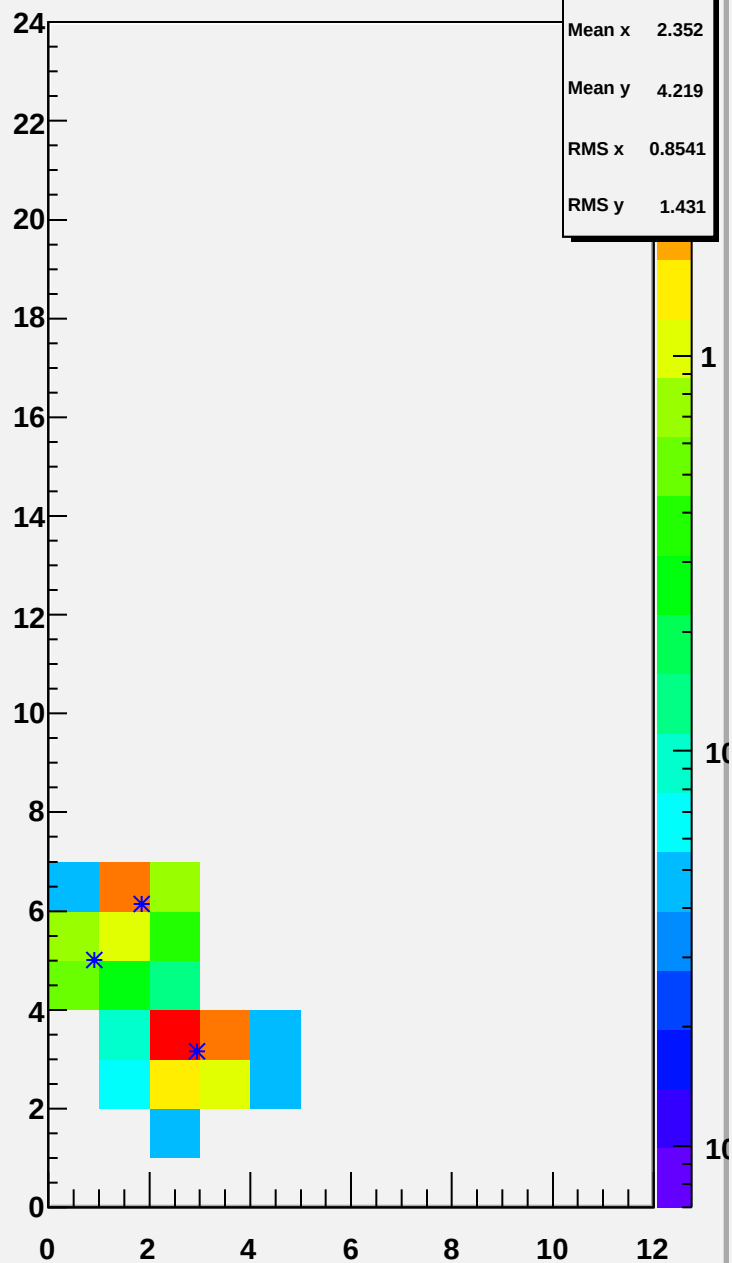
Efit

Entries	288
Mean x	2.459
Mean y	5.43
RMS x	0.3449
RMS y	1.418

NSTB3_r4_c3_En=19.8_m0=0.145 m1=0.145 index=2268



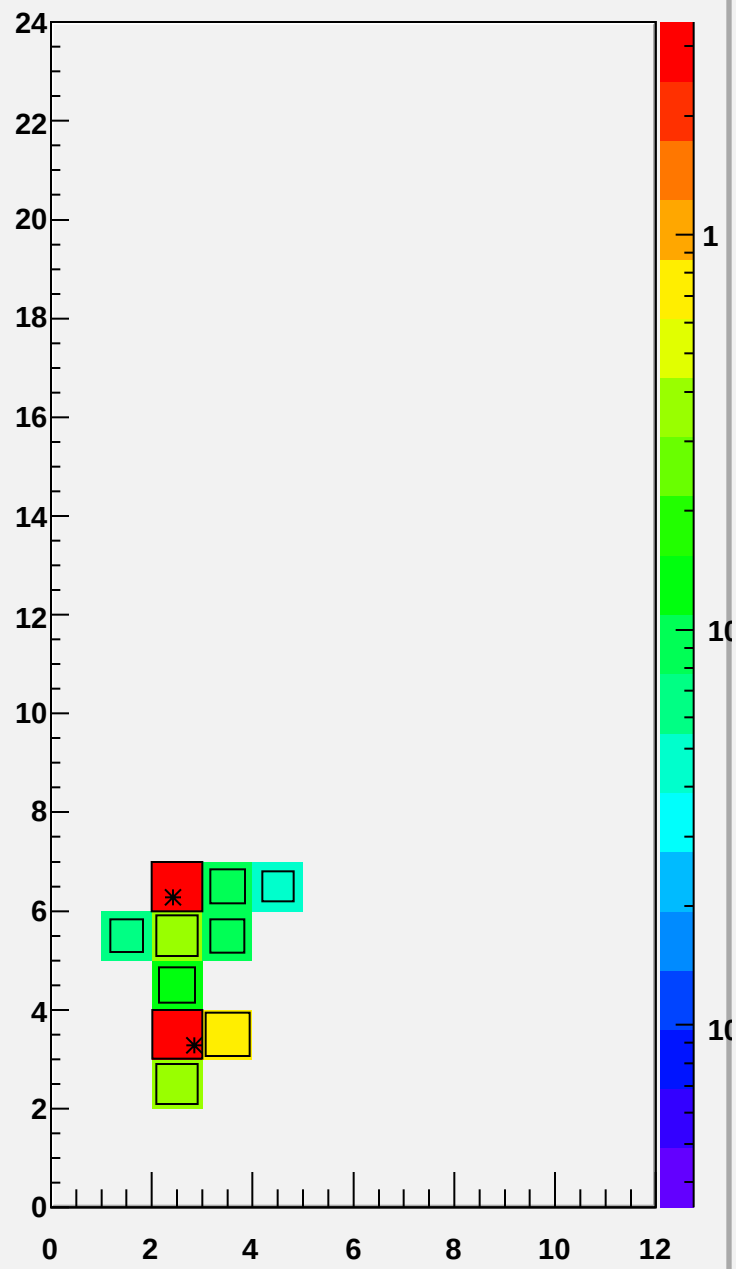
Fitted Energies



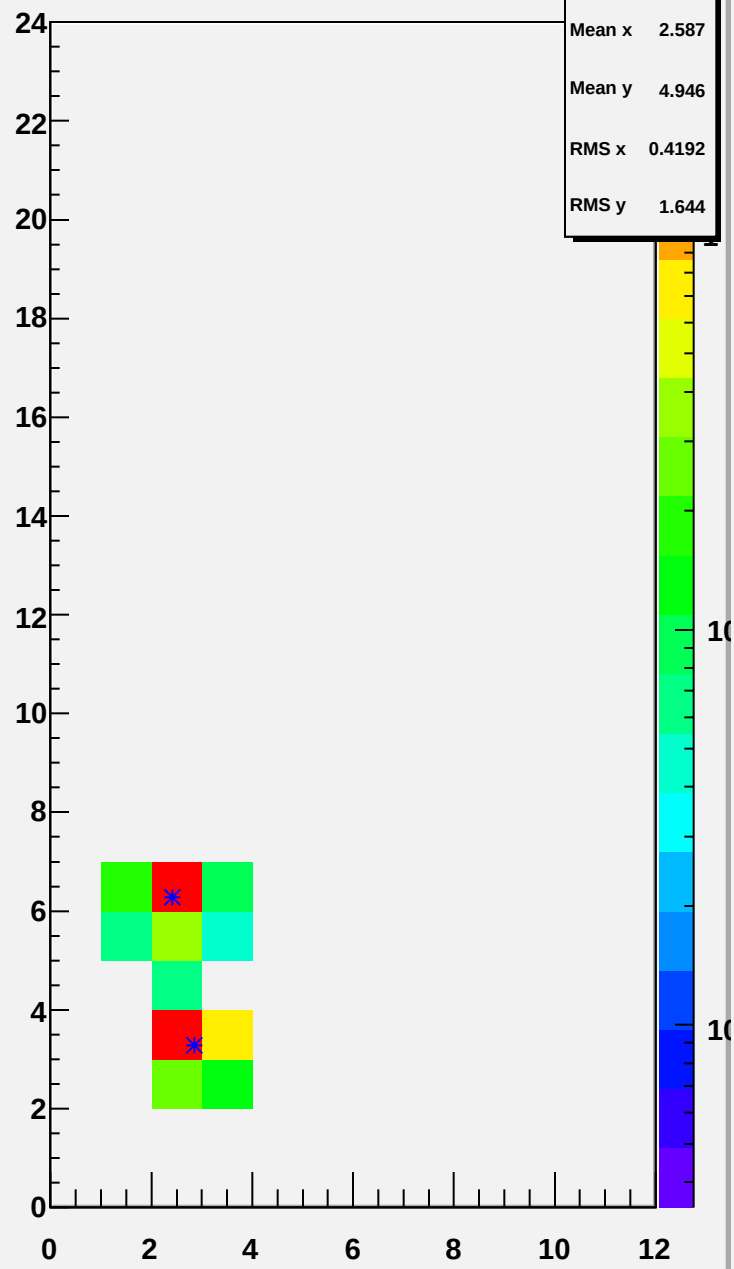
Efit

Entries	288
Mean x	2.352
Mean y	4.219
RMS x	0.8541
RMS y	1.431

NSTB3_r4_c3_En= 8.3_m0=0.074 m1=0.074 index=2269



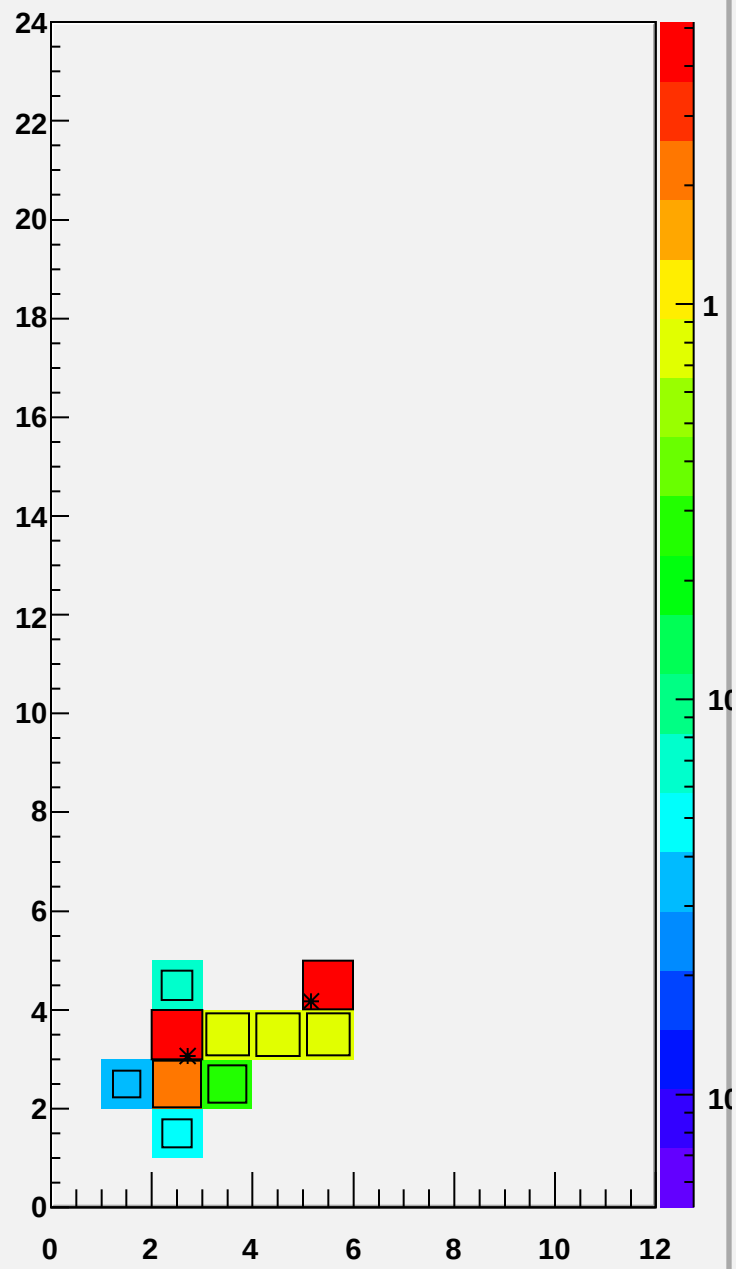
Fitted Energies



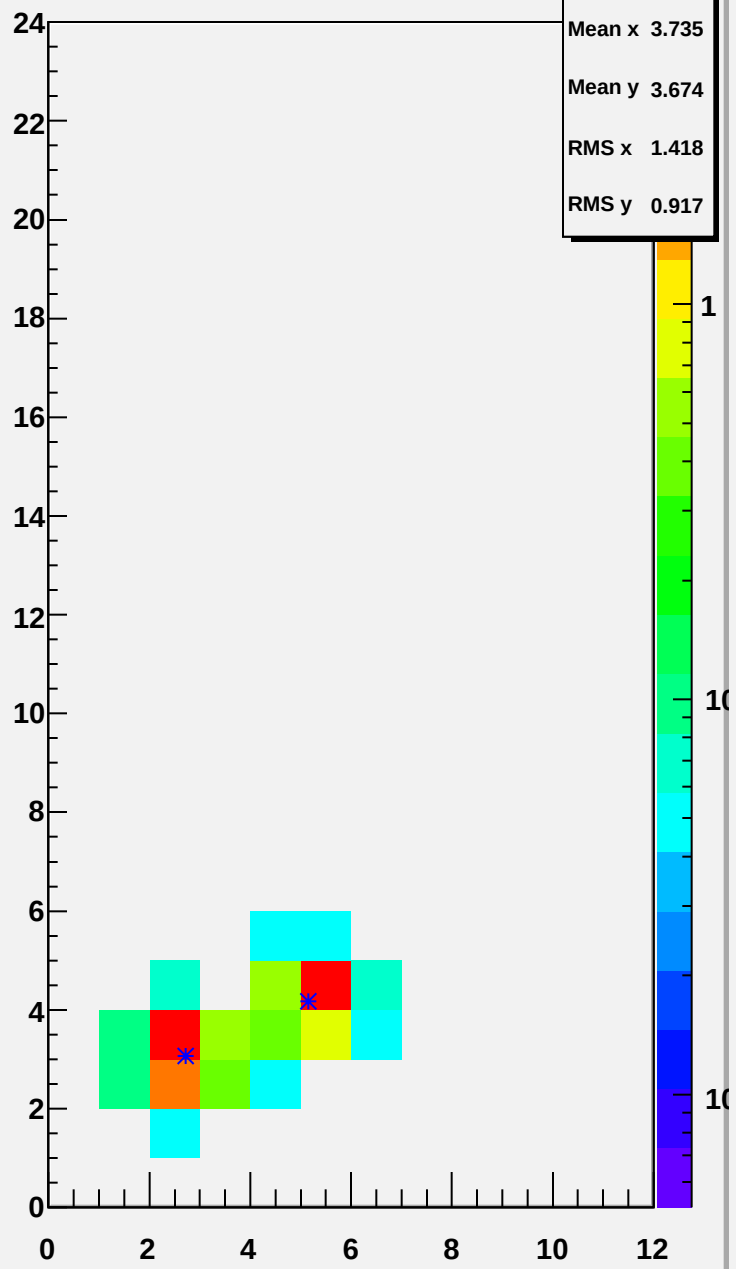
Efit

Entries	288
Mean x	2.587
Mean y	4.946
RMS x	0.4192
RMS y	1.644

NSTB3_r4_c3_En=15.0_m0=0.116 m1=0.116 index=2270



Fitted Energies



Efit

Entries 288

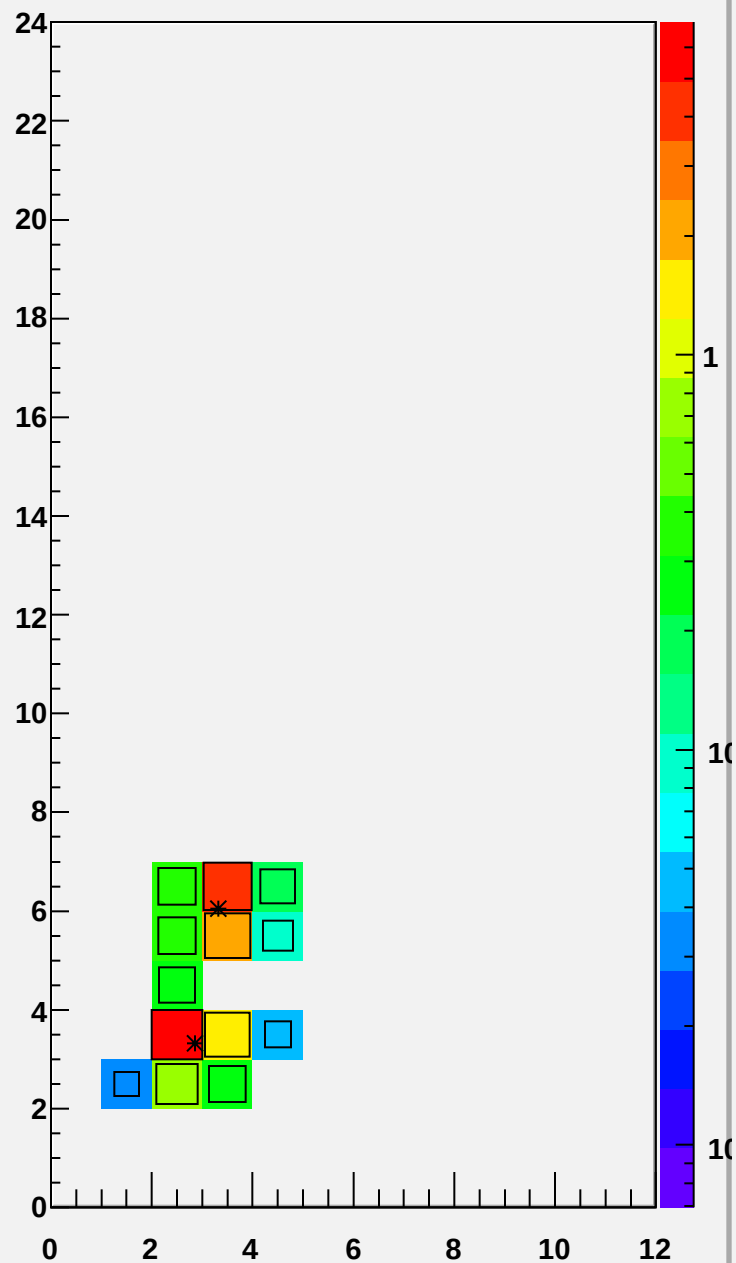
Mean x 3.735

Mean y 3.674

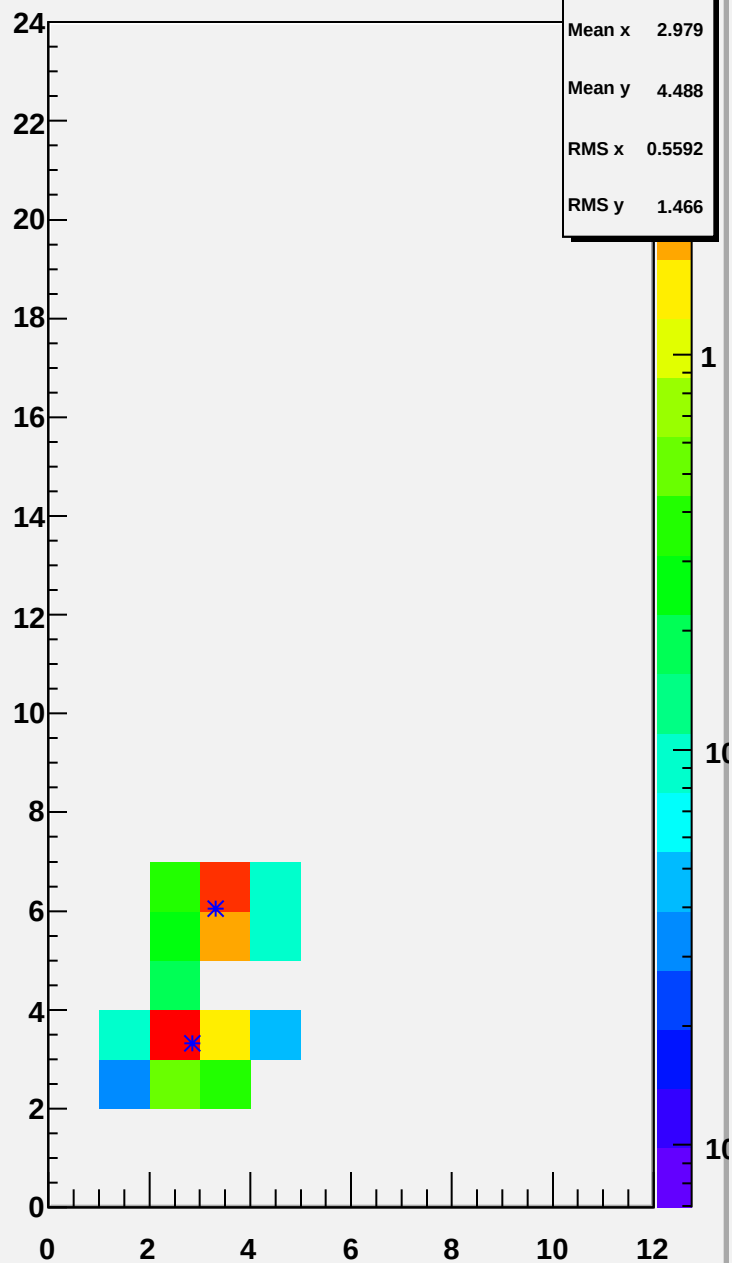
RMS x 1.418

RMS y 0.917

NSTB3_r4_c3_En=16.2_m0=0.124 m1=0.124 index=2272



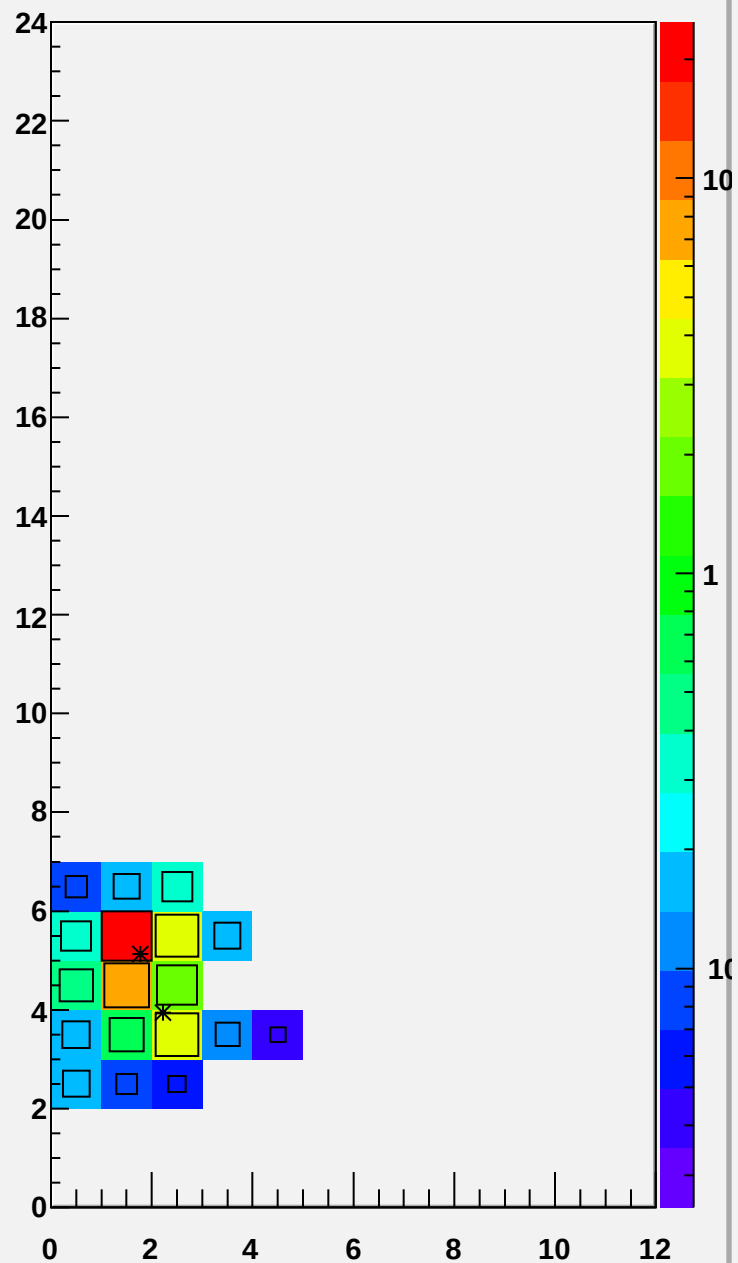
Fitted Energies



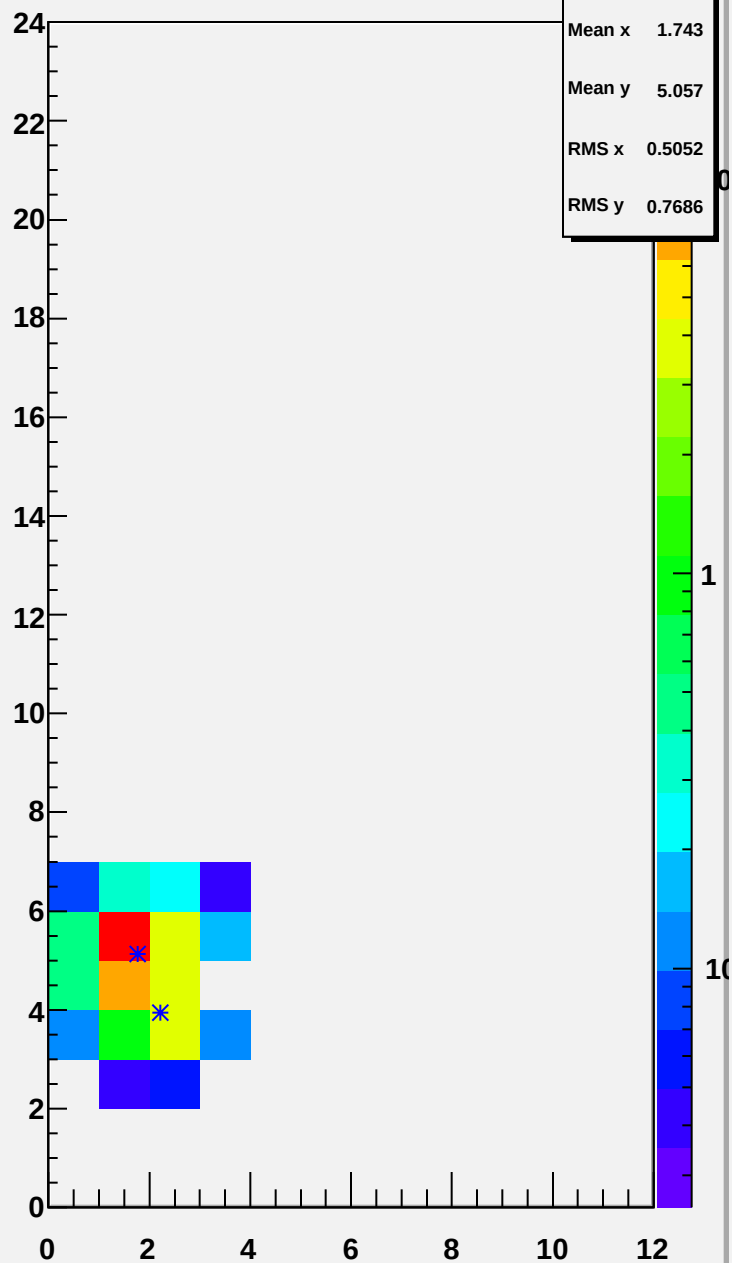
Efit

Entries	288
Mean x	2.979
Mean y	4.488
RMS x	0.5592
RMS y	1.466

NSTB3_r4_c3_En=42.9_m0=0.118 m1=0.119 index=2273



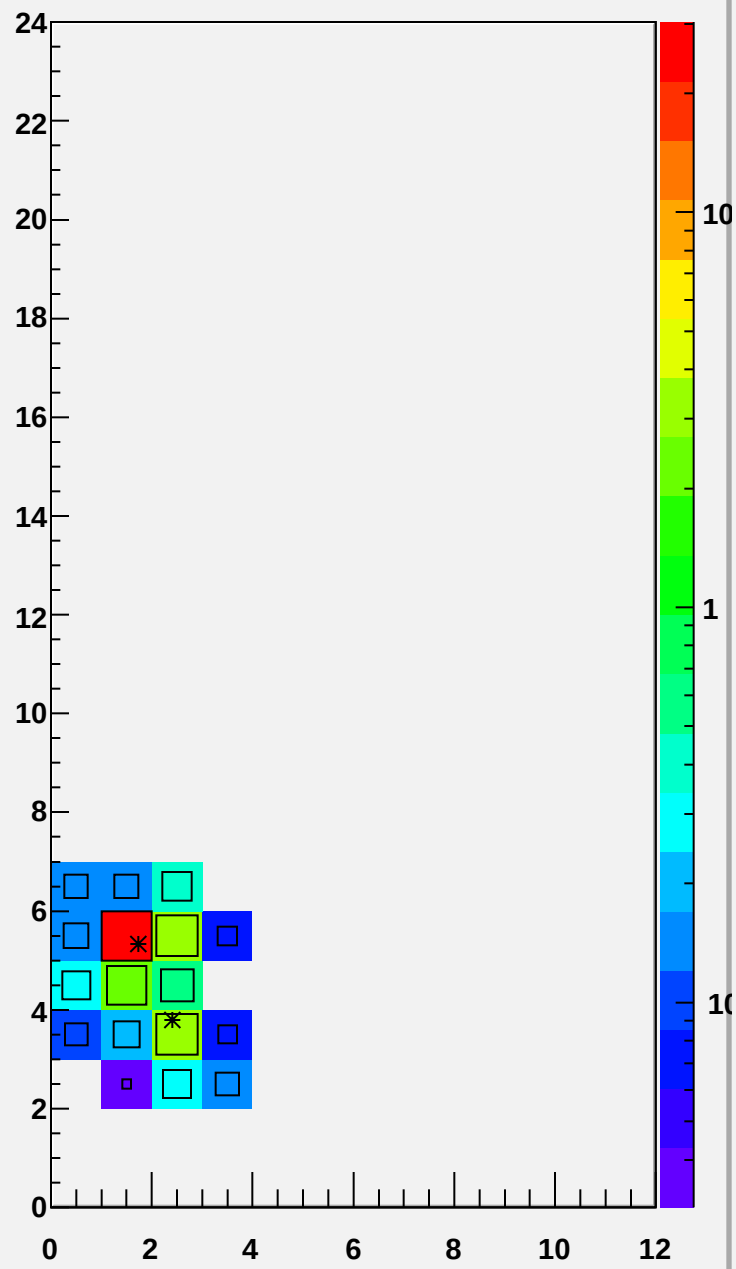
Fitted Energies



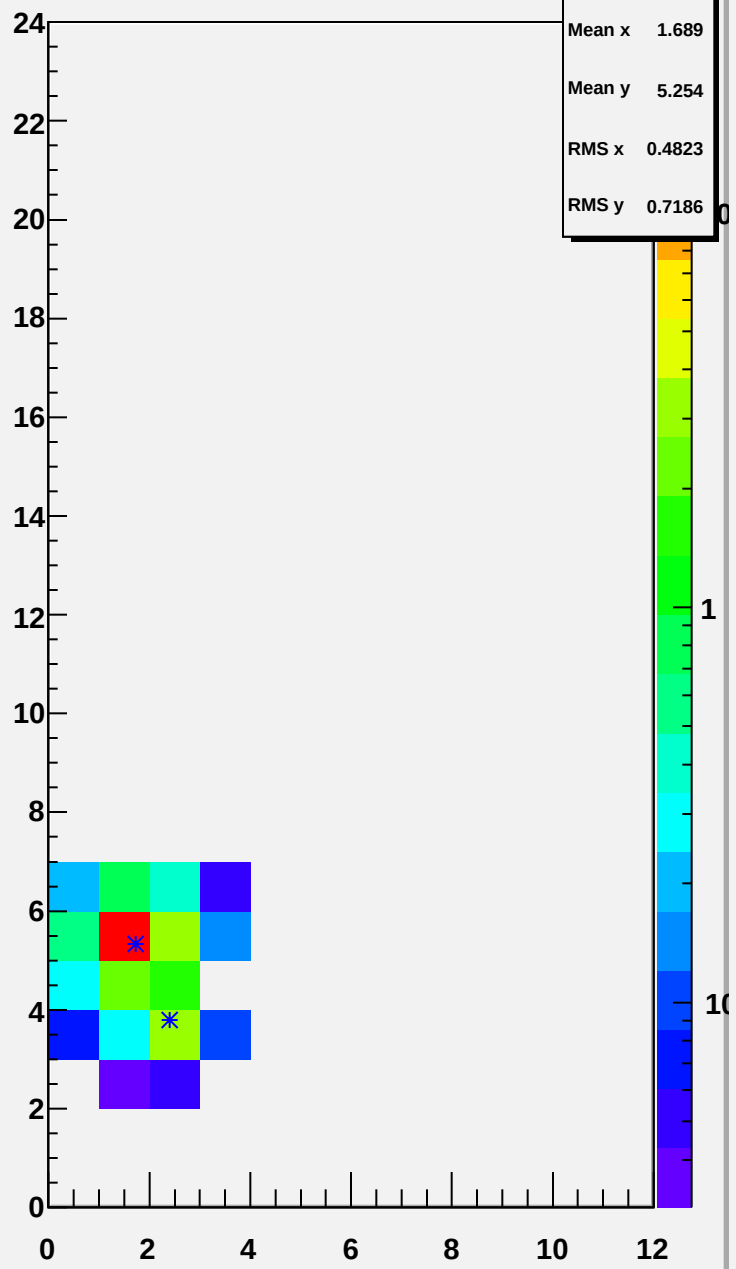
Efit

Entries	288
Mean x	1.743
Mean y	5.057
RMS x	0.5052
RMS y	0.7686

NSTB3_r4_c3_En=41.3_m0=0.123 m1=0.123 index=2274



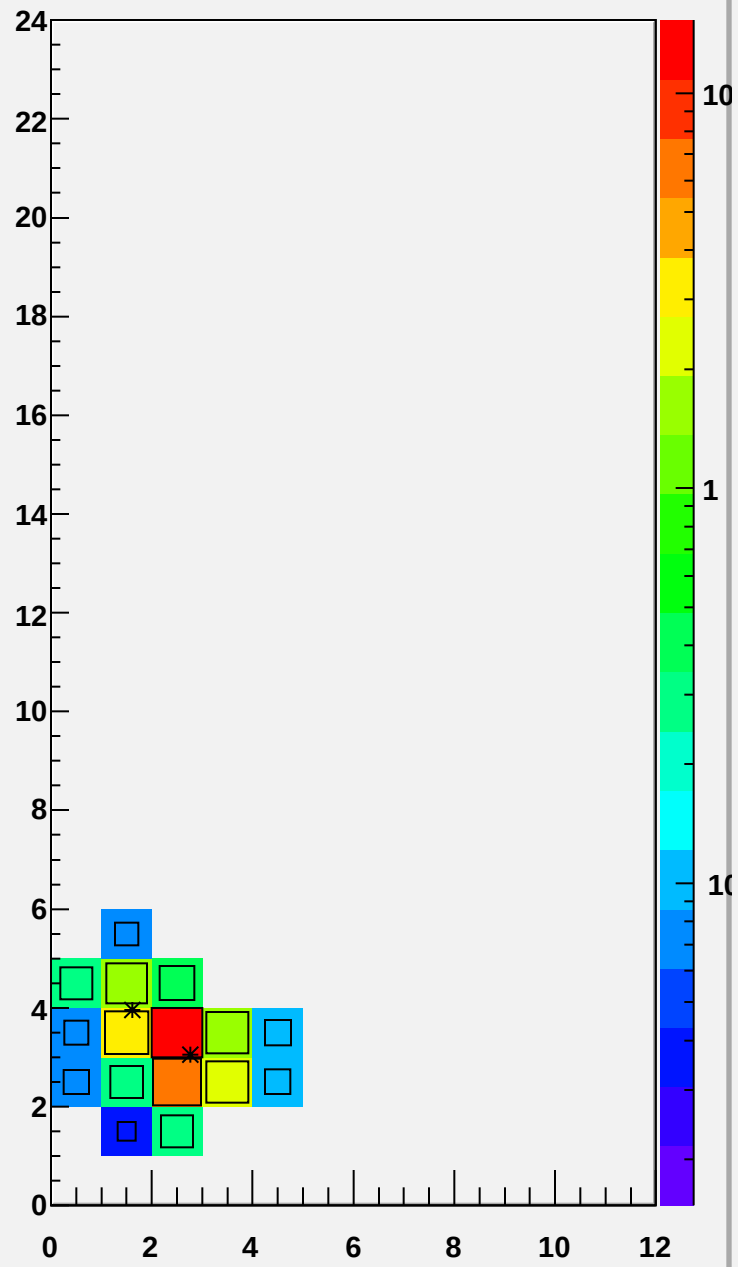
Fitted Energies



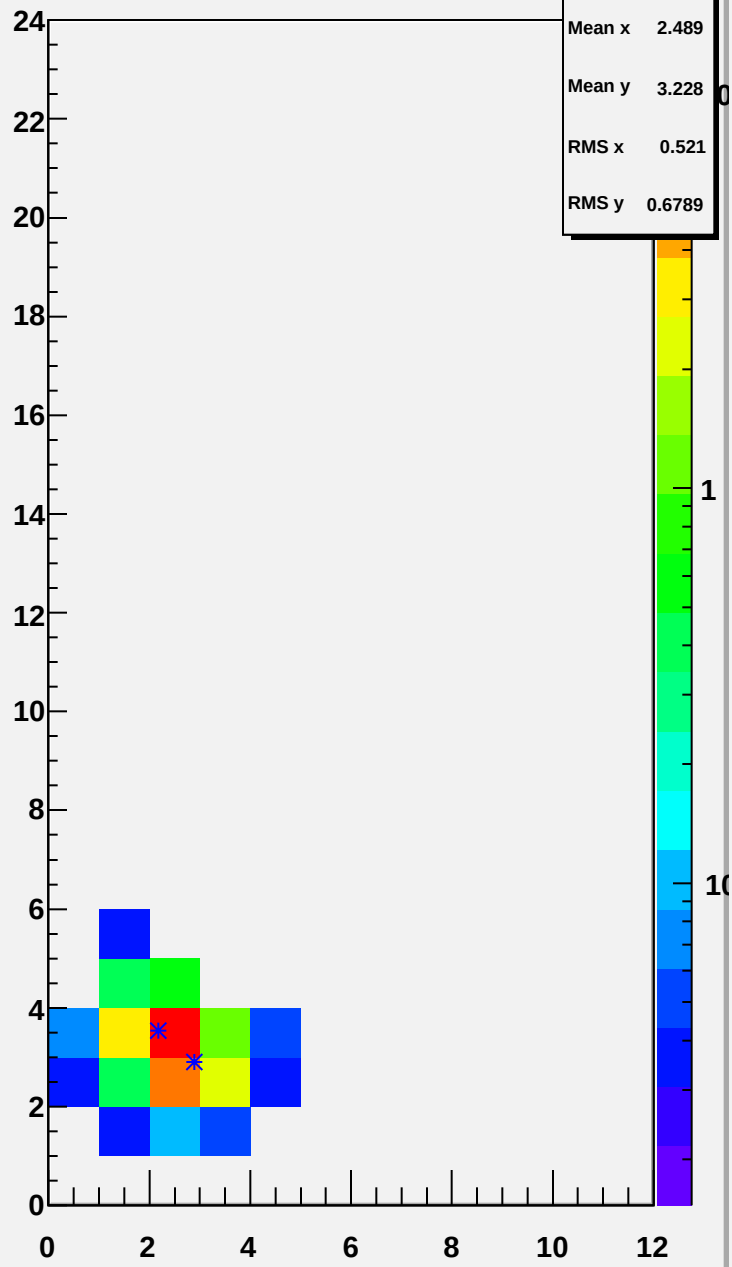
Efit

Entries	288
Mean x	1.689
Mean y	5.254
RMS x	0.4823
RMS y	0.7186

NSTB3_r4_c3_En=32.5_m0=0.090 m1=0.079 index=2275



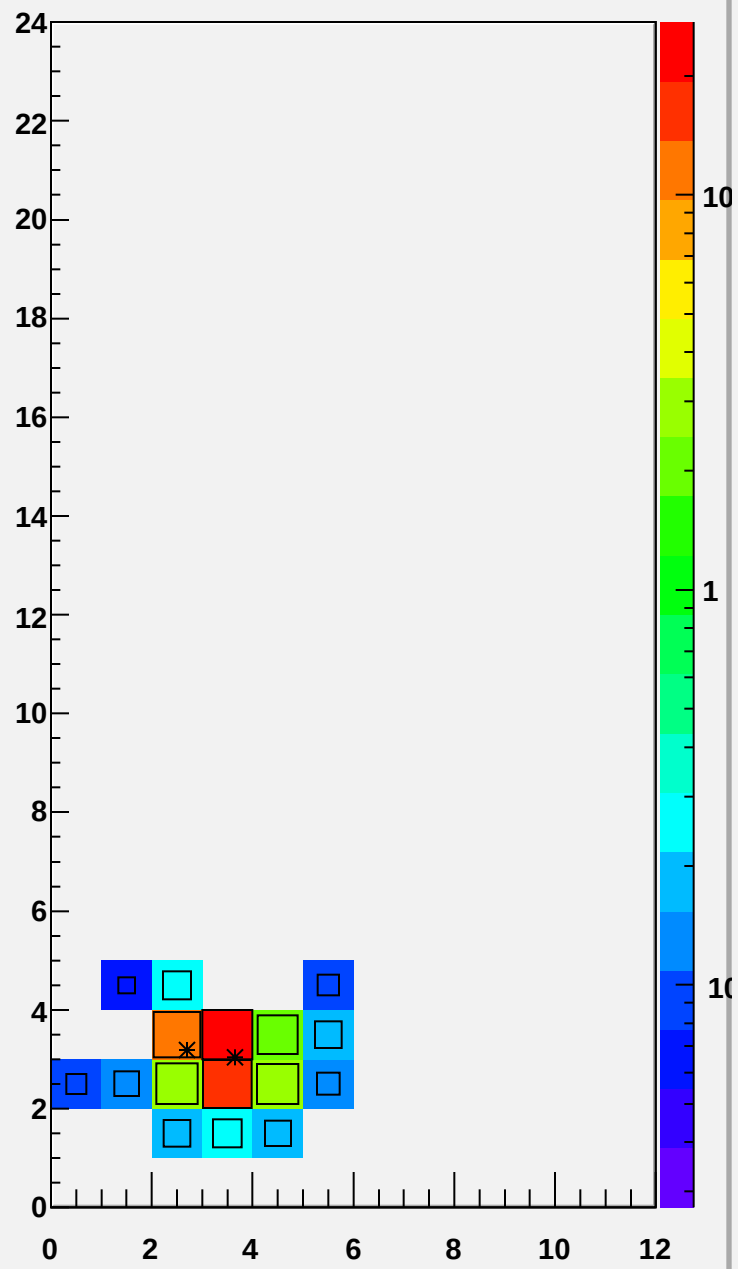
Fitted Energies



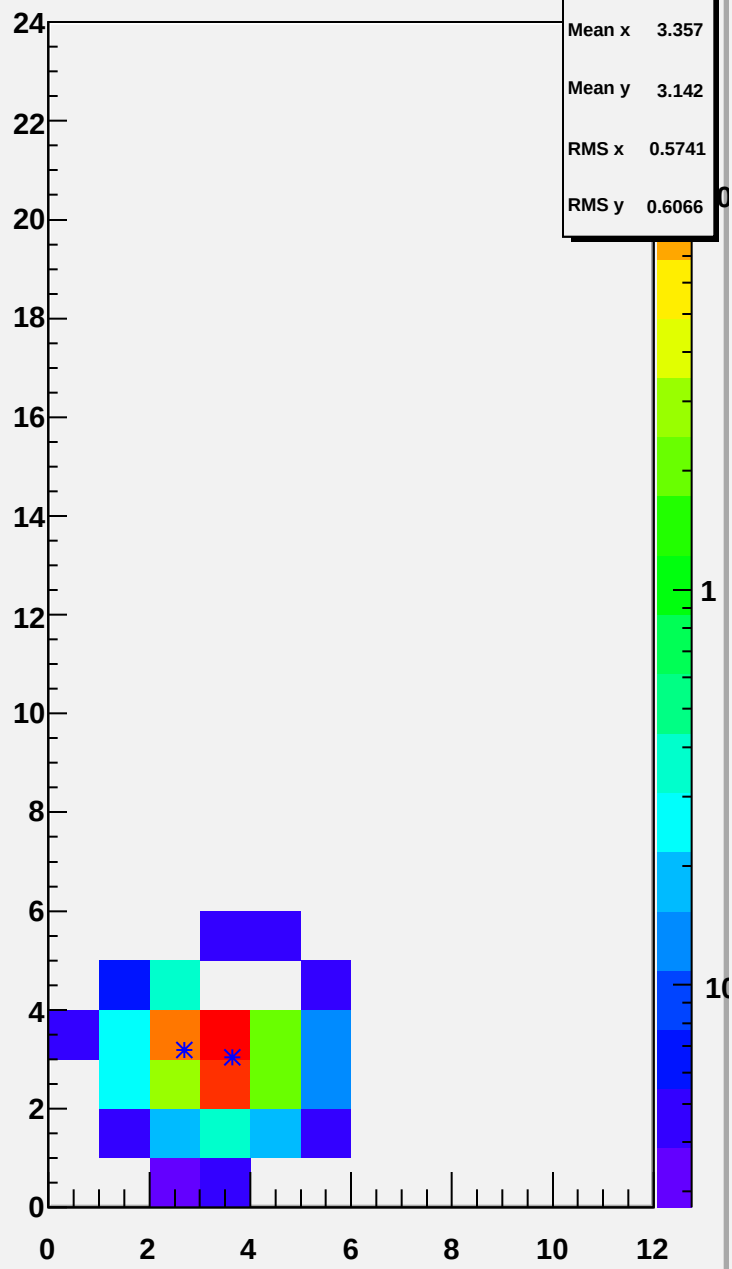
Efit

Entries	288
Mean x	2.489
Mean y	3.228
RMS x	0.521
RMS y	0.6789

NSTB3_r4_c3_En=63.3_m0=0.136 m1=0.135 index=2276



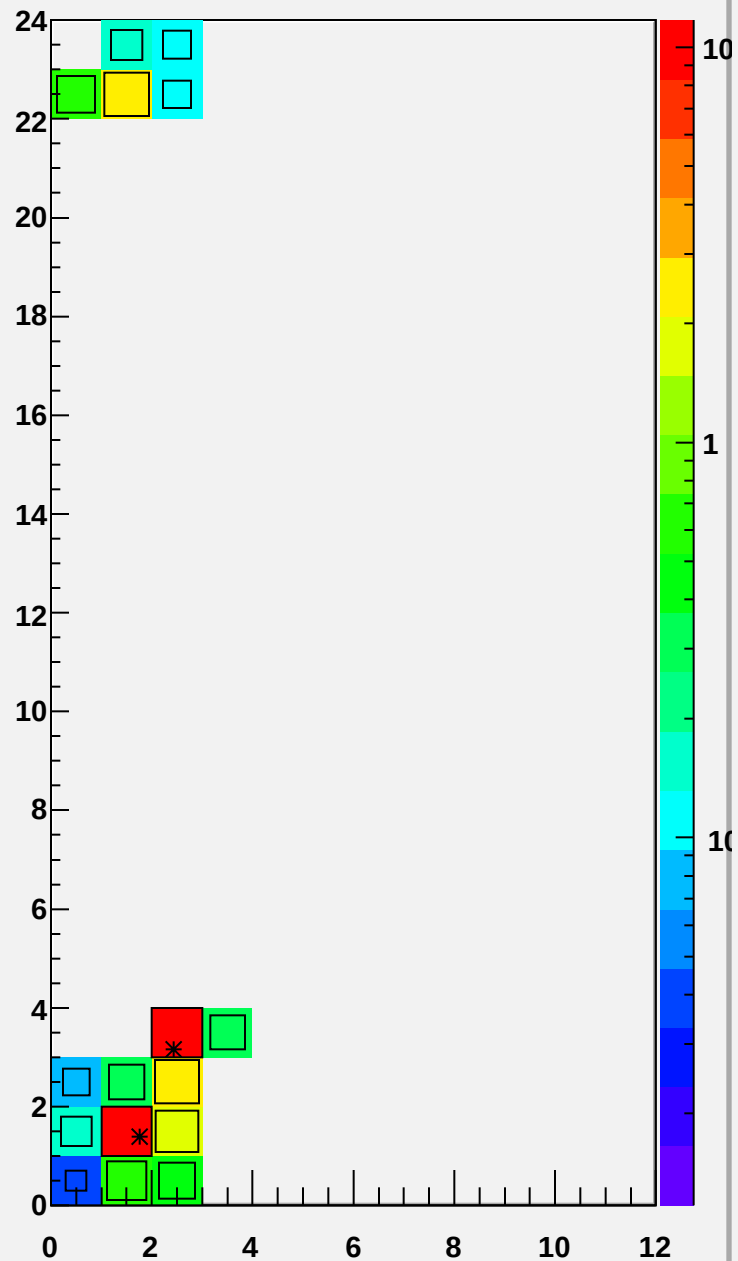
Fitted Energies



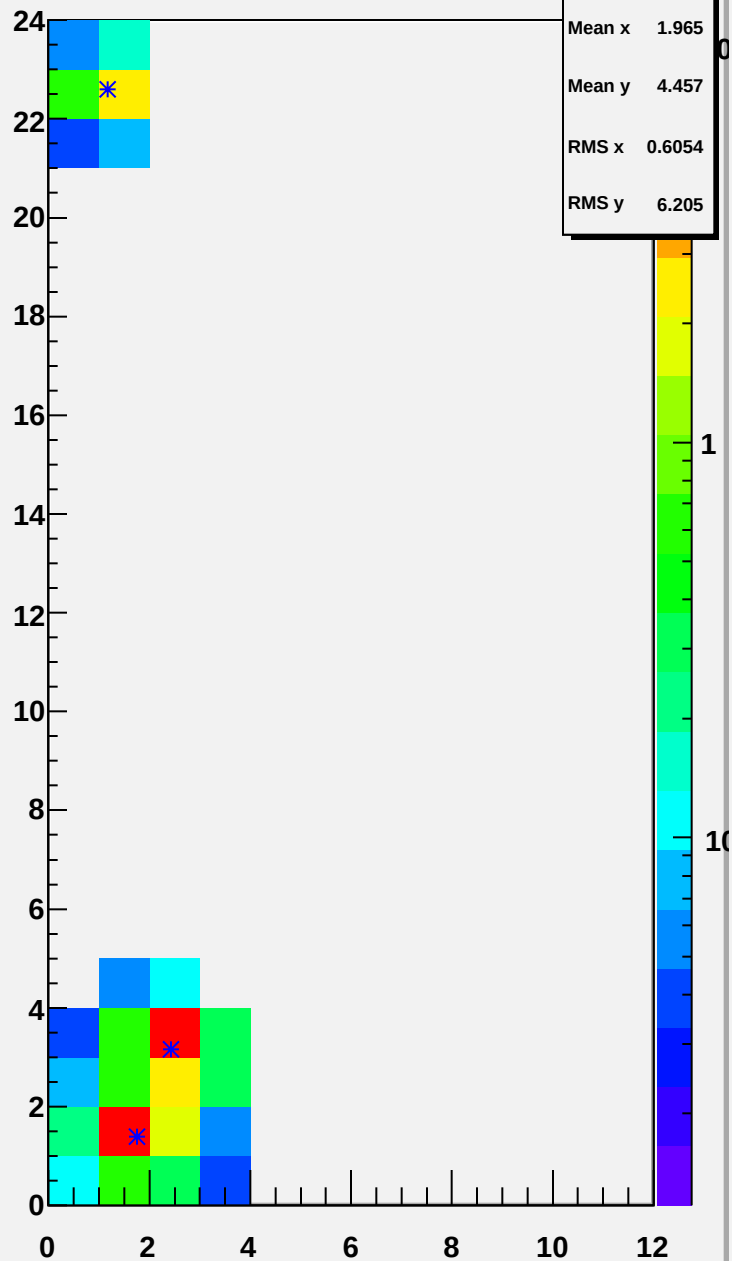
Efit

Entries	288
Mean x	3.357
Mean y	3.142
RMS x	0.5741
RMS y	0.6066

NSTB3_r4_c3_En=32.1_m0=0.158 m1=0.158 index=2277



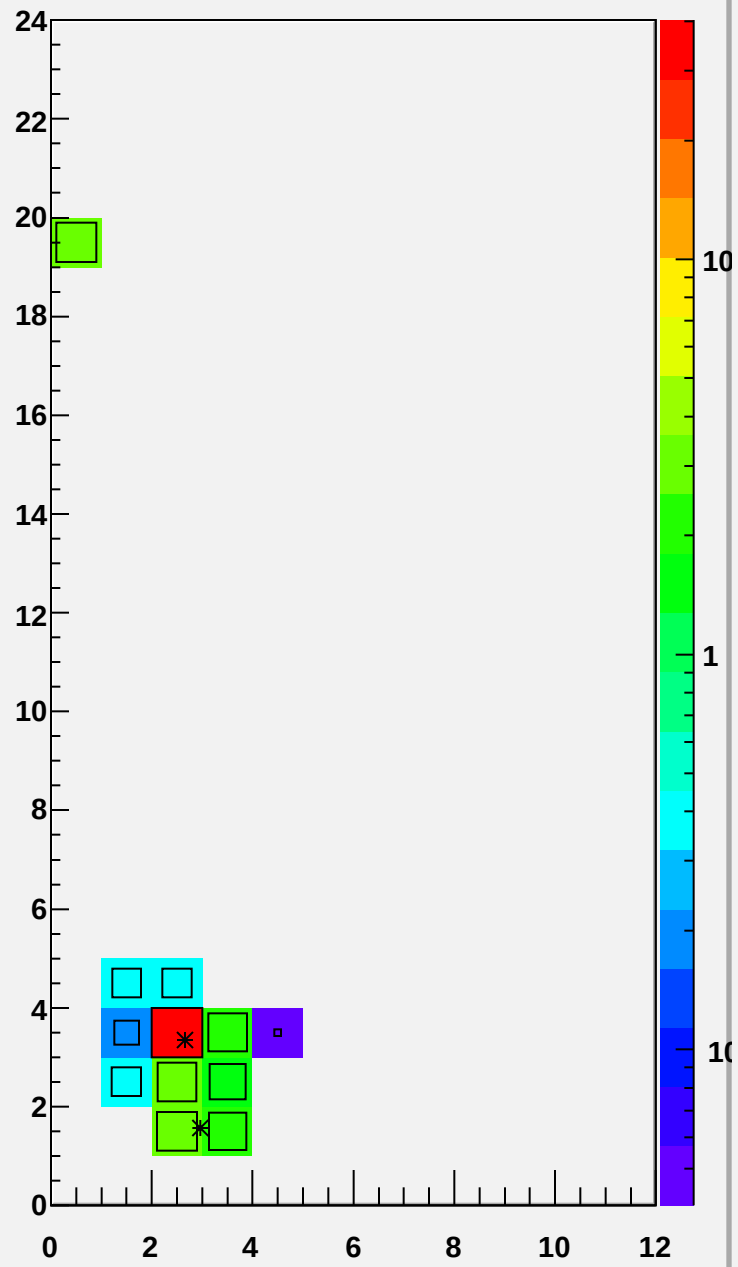
Fitted Energies



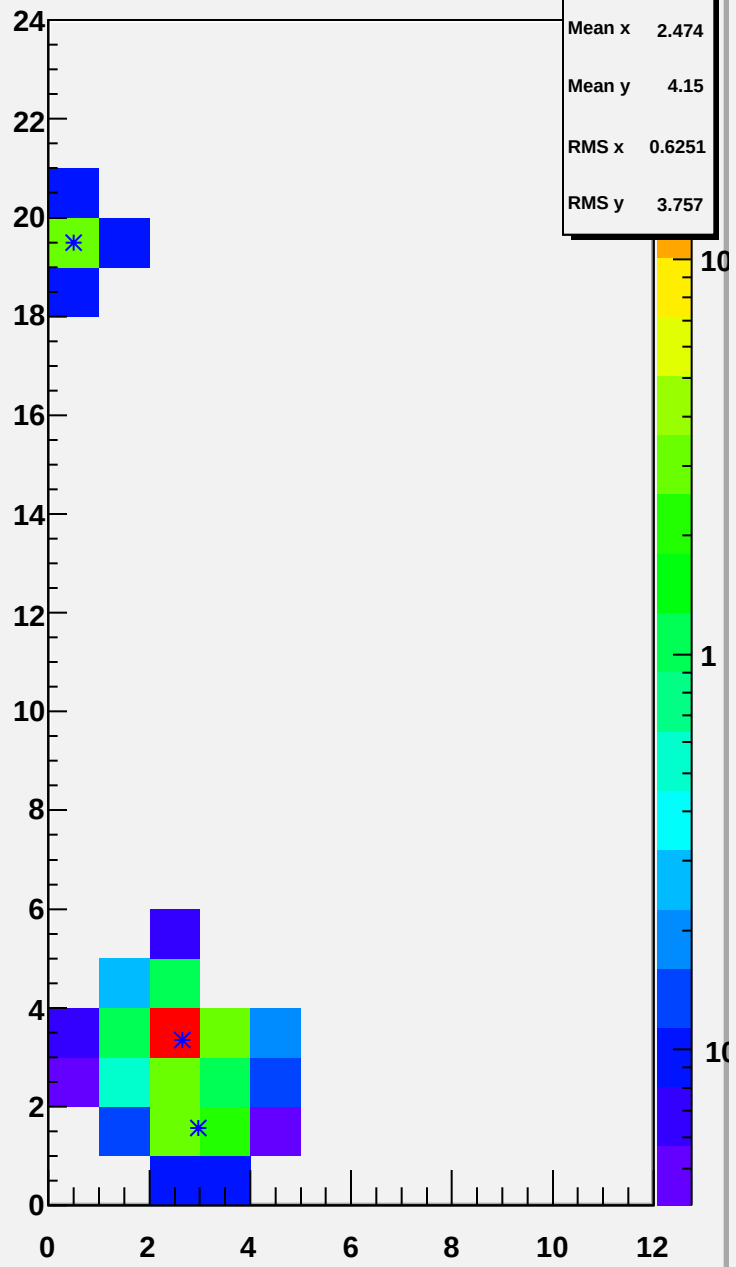
Efit

Entries	288
Mean x	1.965
Mean y	4.457
RMS x	0.6054
RMS y	6.205

NSTB3_r4_c3_En=56.1_m0=0.160 m1=0.159 index=2278



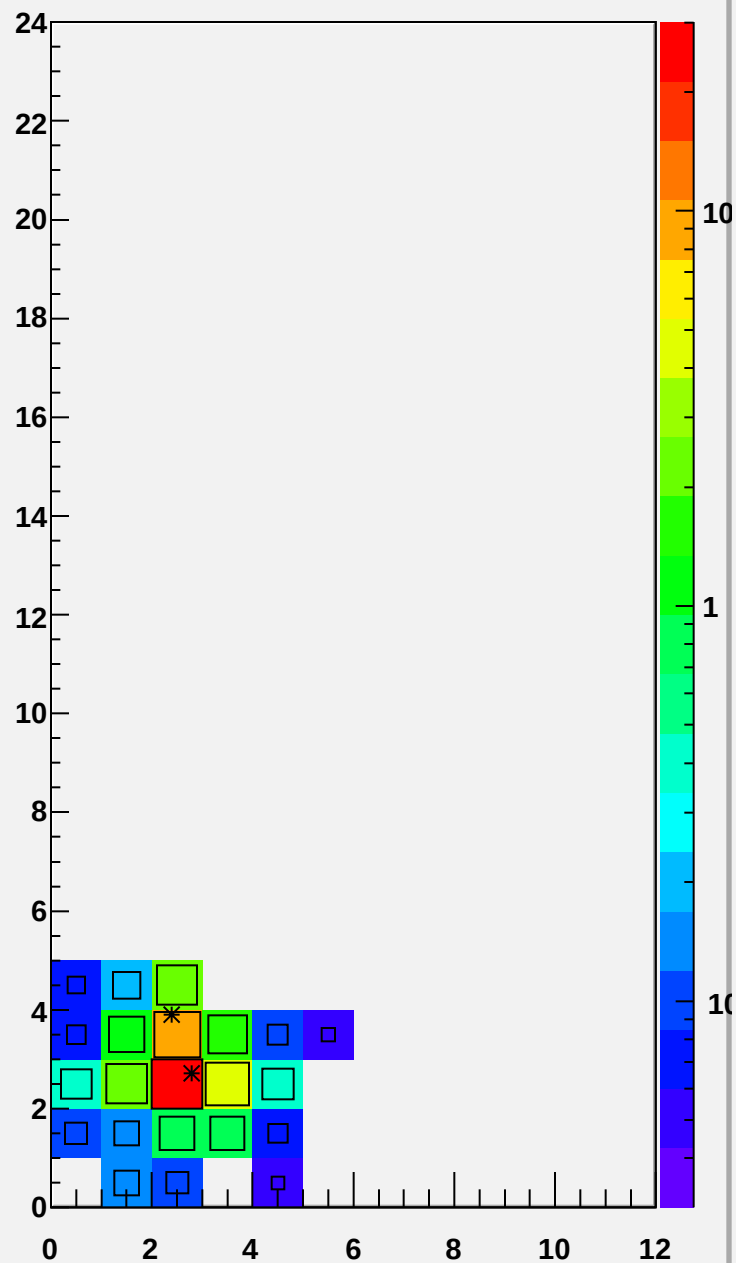
Fitted Energies



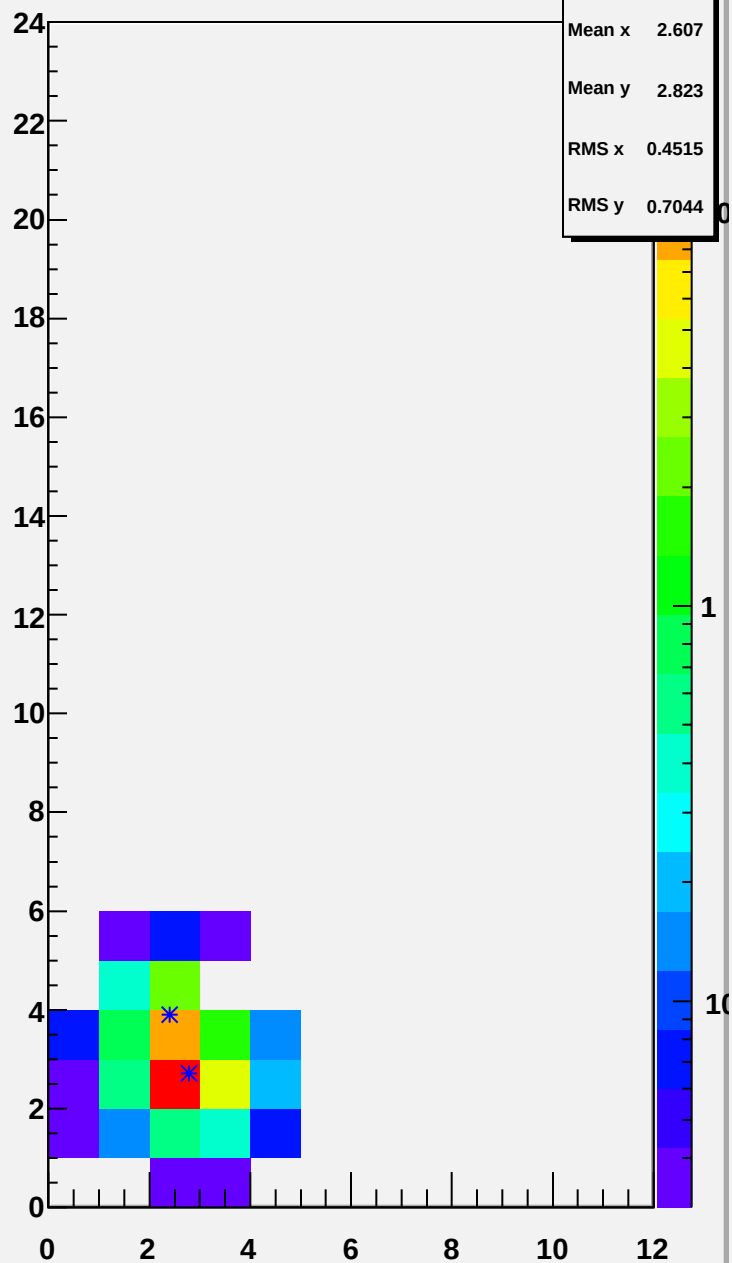
Efit

Entries	288
Mean x	2.474
Mean y	4.15
RMS x	0.6251
RMS y	3.757

NSTB3_r4_c3_En=55.7_m0=0.145 m1=0.145 index=2280



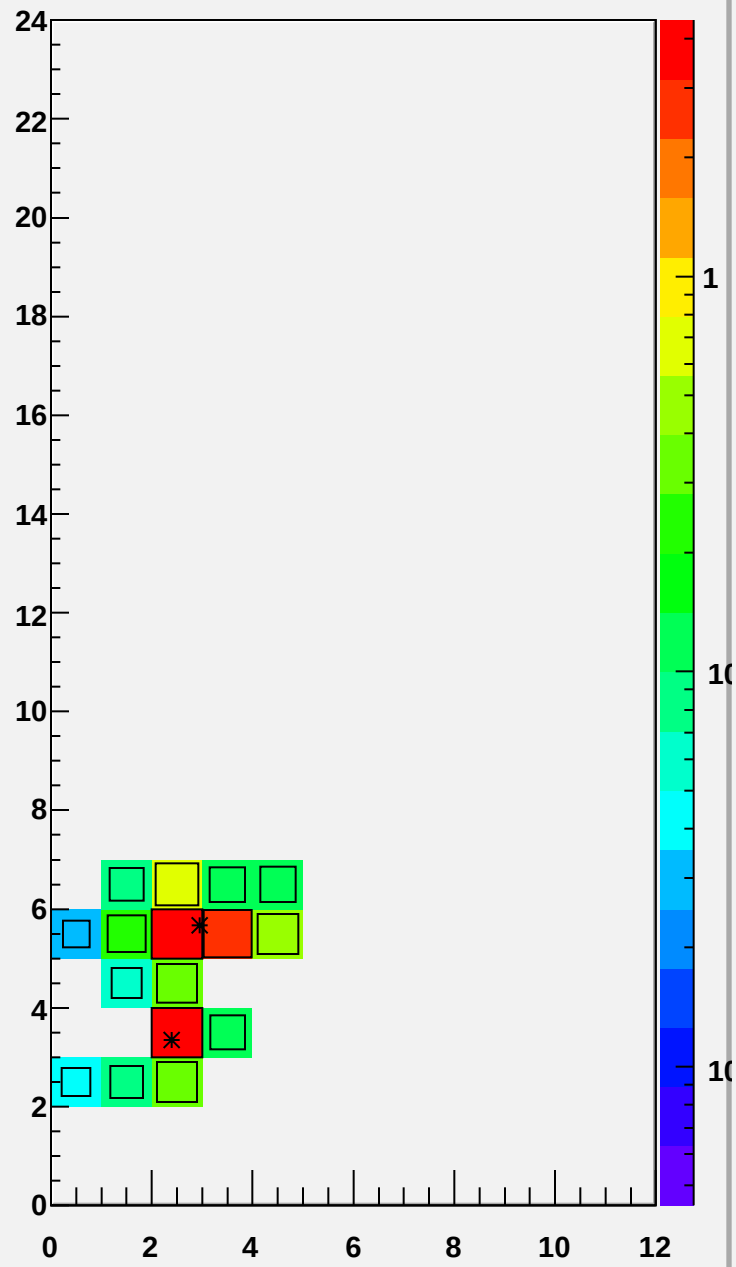
Fitted Energies



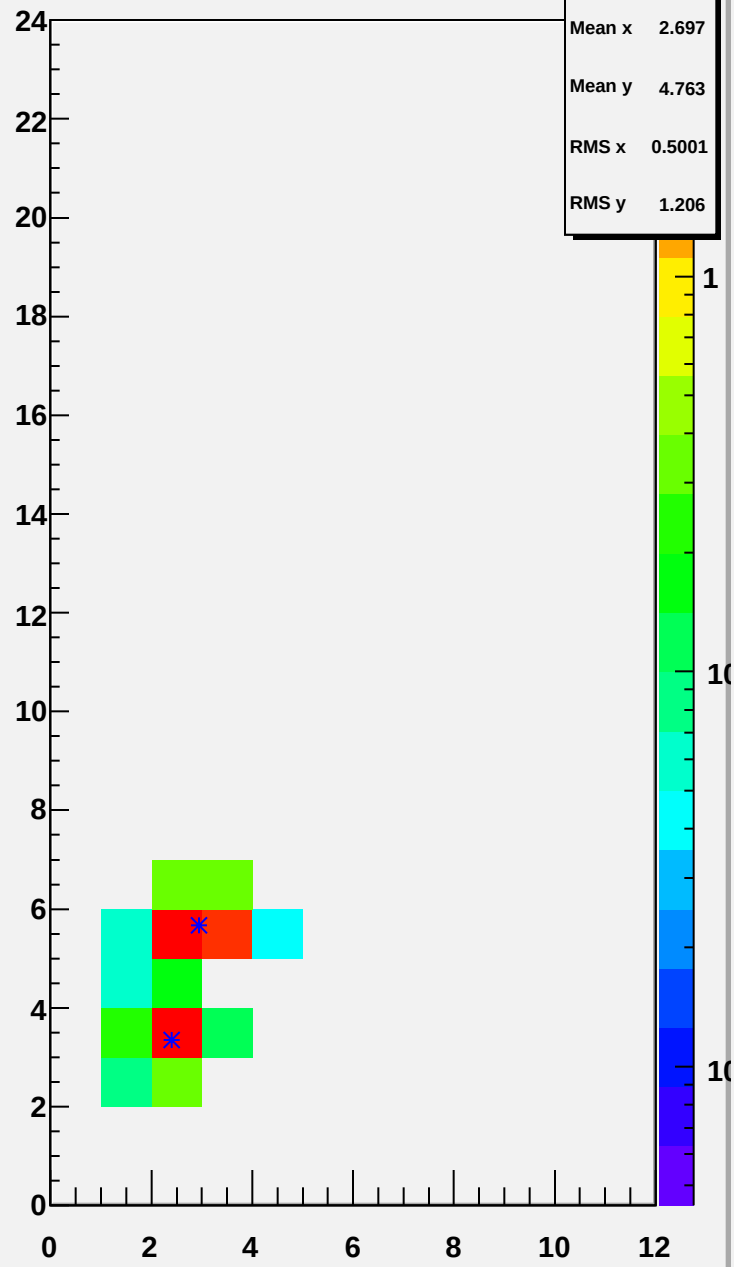
Efit

Entries	288
Mean x	2.607
Mean y	2.823
RMS x	0.4515
RMS y	0.7044

NSTB3_r4_c3_En=13.7_m0=0.085 m1=0.085 index=2281



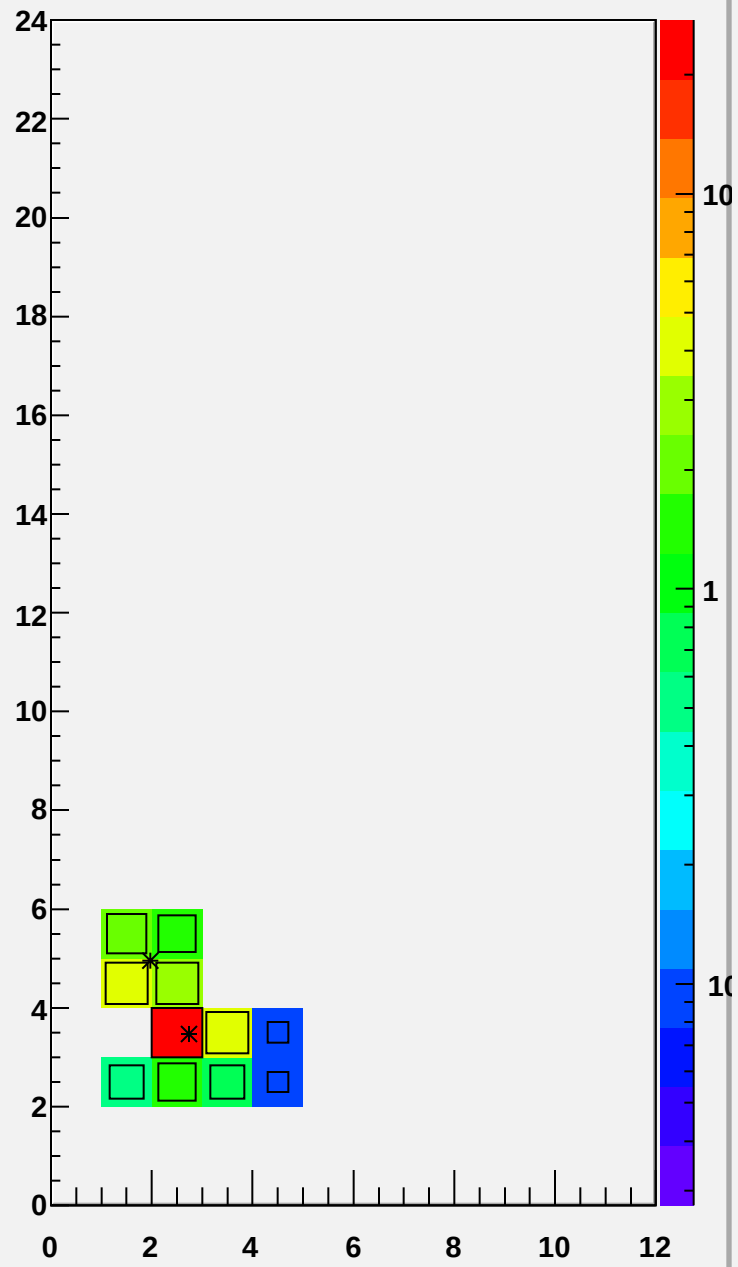
Fitted Energies



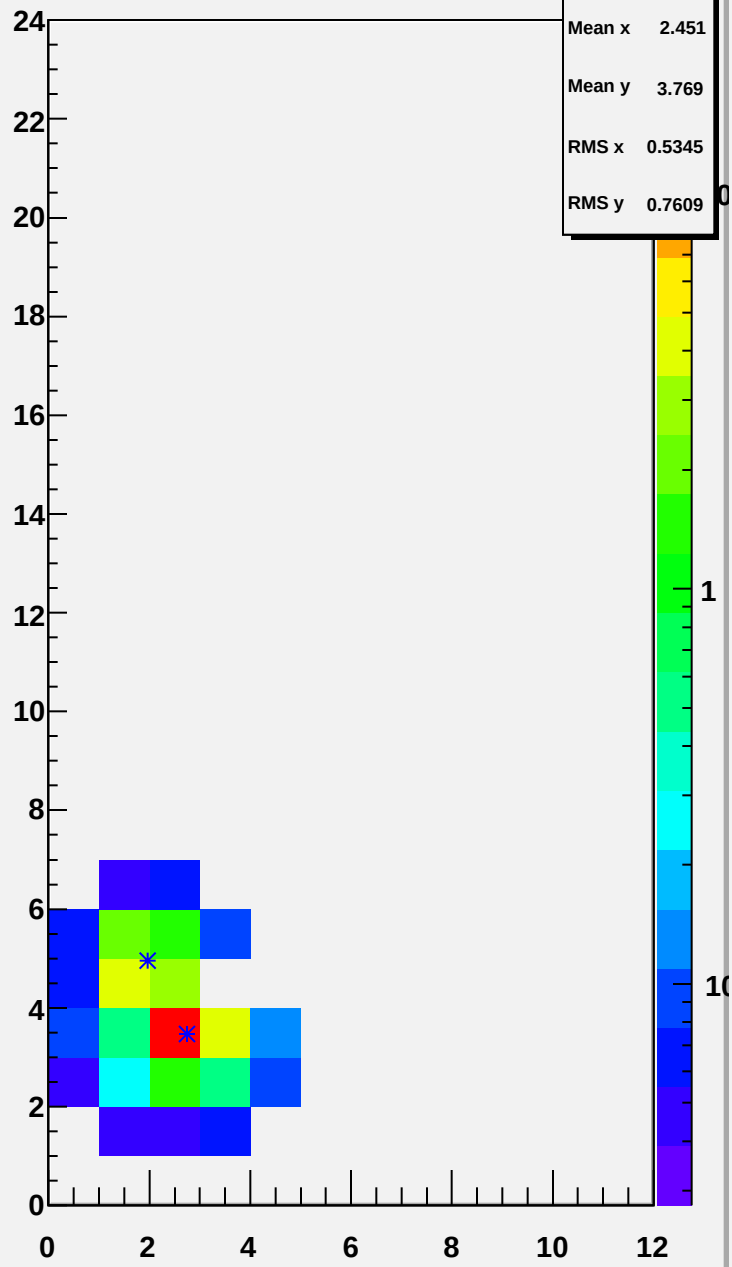
Efit

Entries	288
Mean x	2.697
Mean y	4.763
RMS x	0.5001
RMS y	1.206

NSTB3_r4_c3_En=44.1_m0=0.170 m1=0.170 index=2283



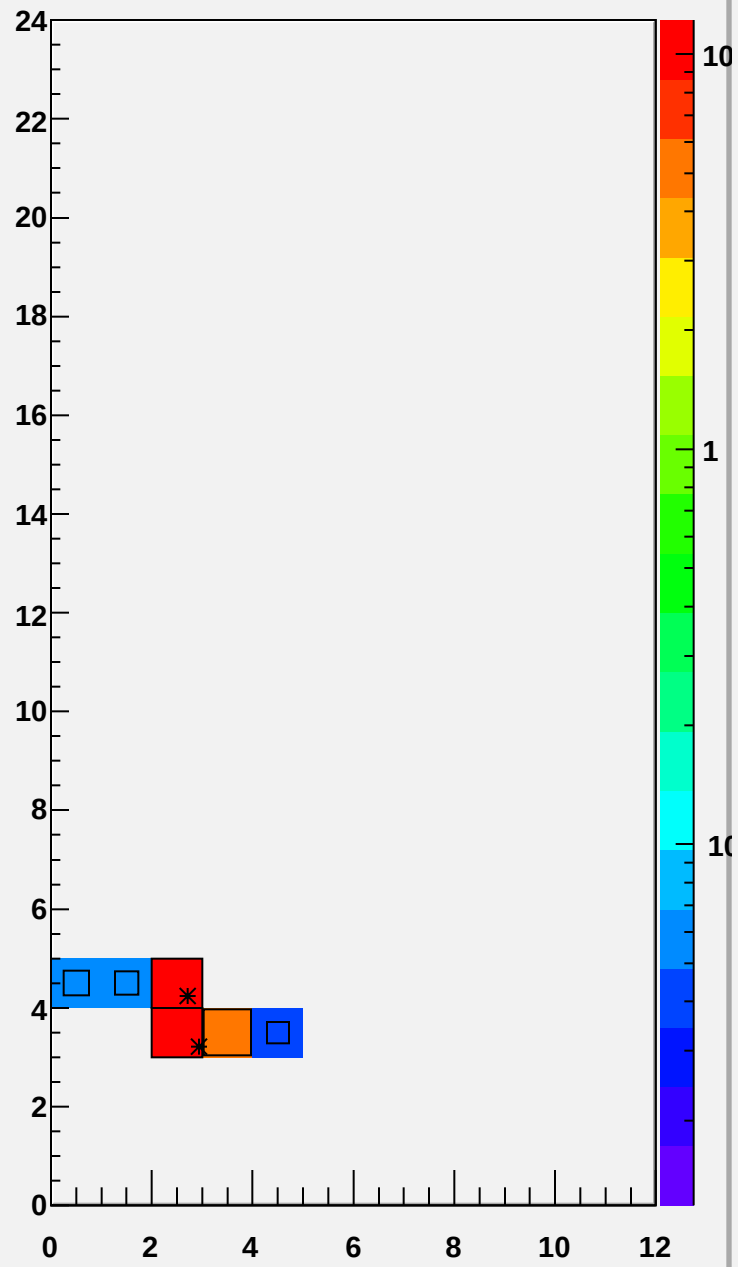
Fitted Energies



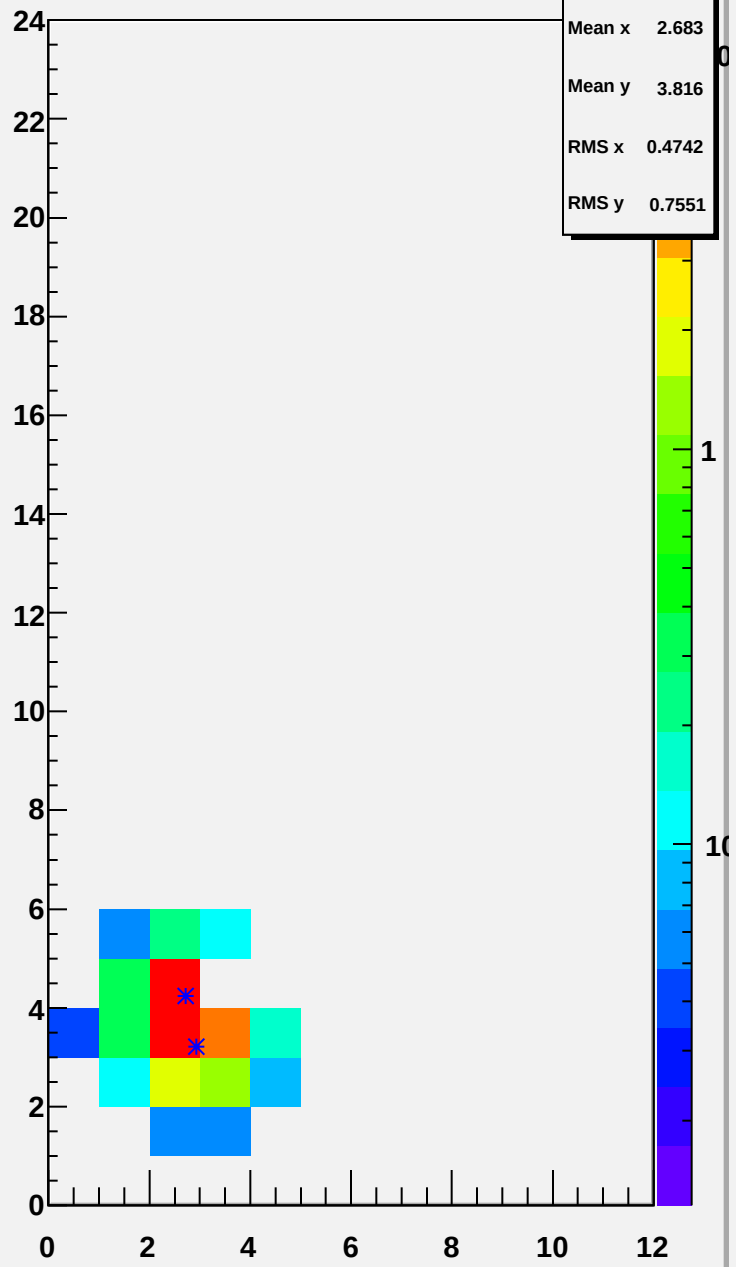
Efit

Entries	288
Mean x	2.451
Mean y	3.769
RMS x	0.5345
RMS y	0.7609

NSTB3_r4_c3_En=29.2_m0=0.099 m1=0.100 index=2285



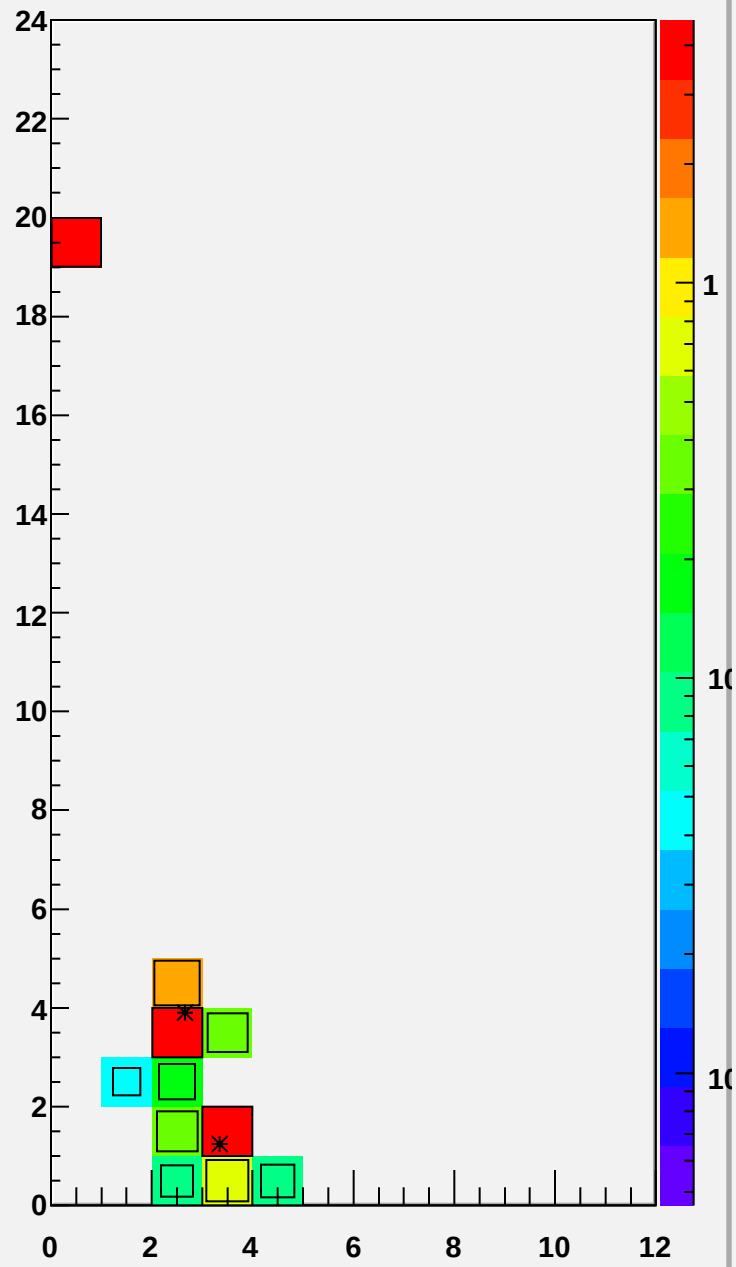
Fitted Energies



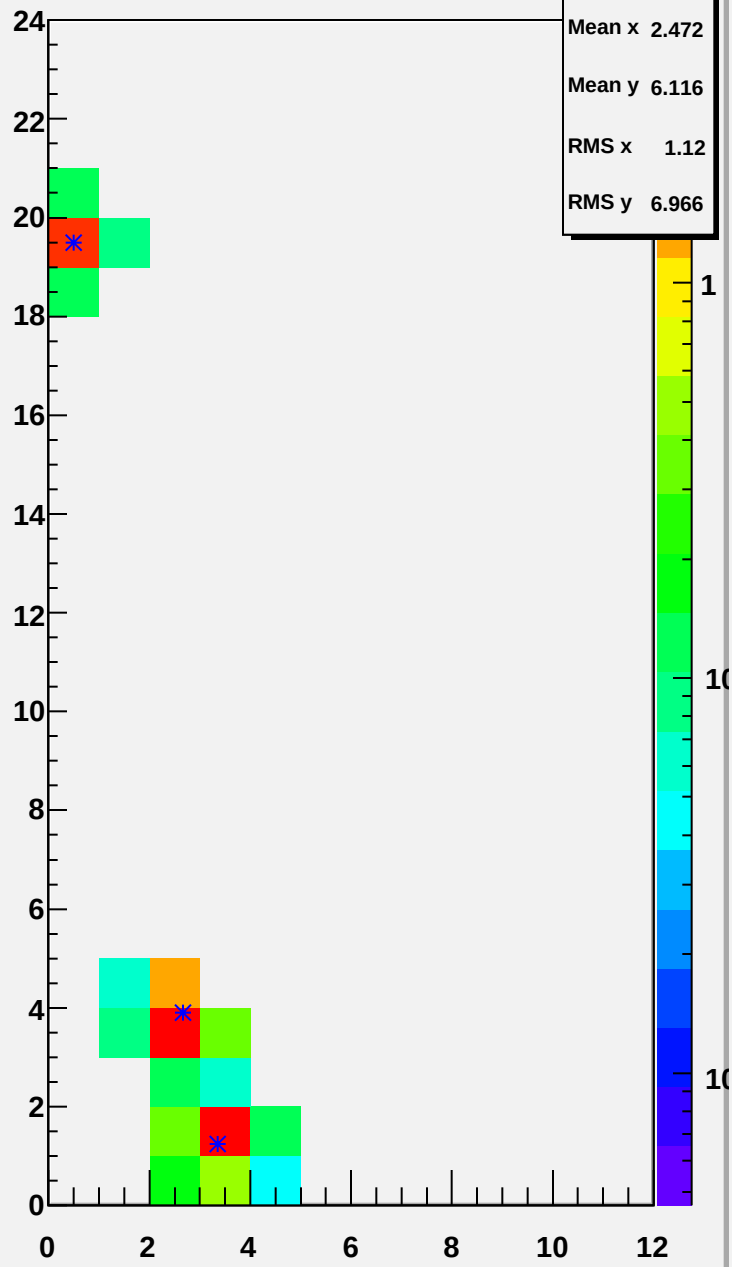
Efit

Entries	288
Mean x	2.683
Mean y	3.816
RMS x	0.4742
RMS y	0.7551

NSTB3_r4_c3_En=15.1_m0=0.096 m1=0.096 index=2287



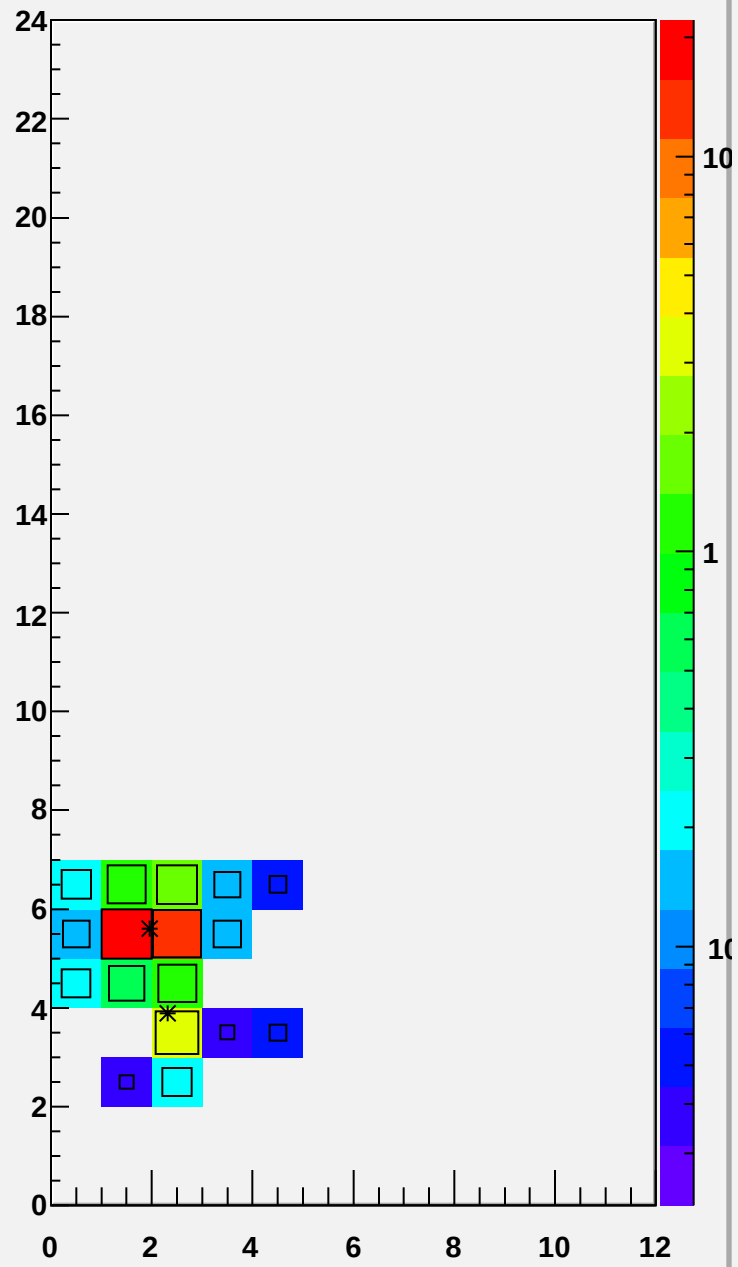
Fitted Energies



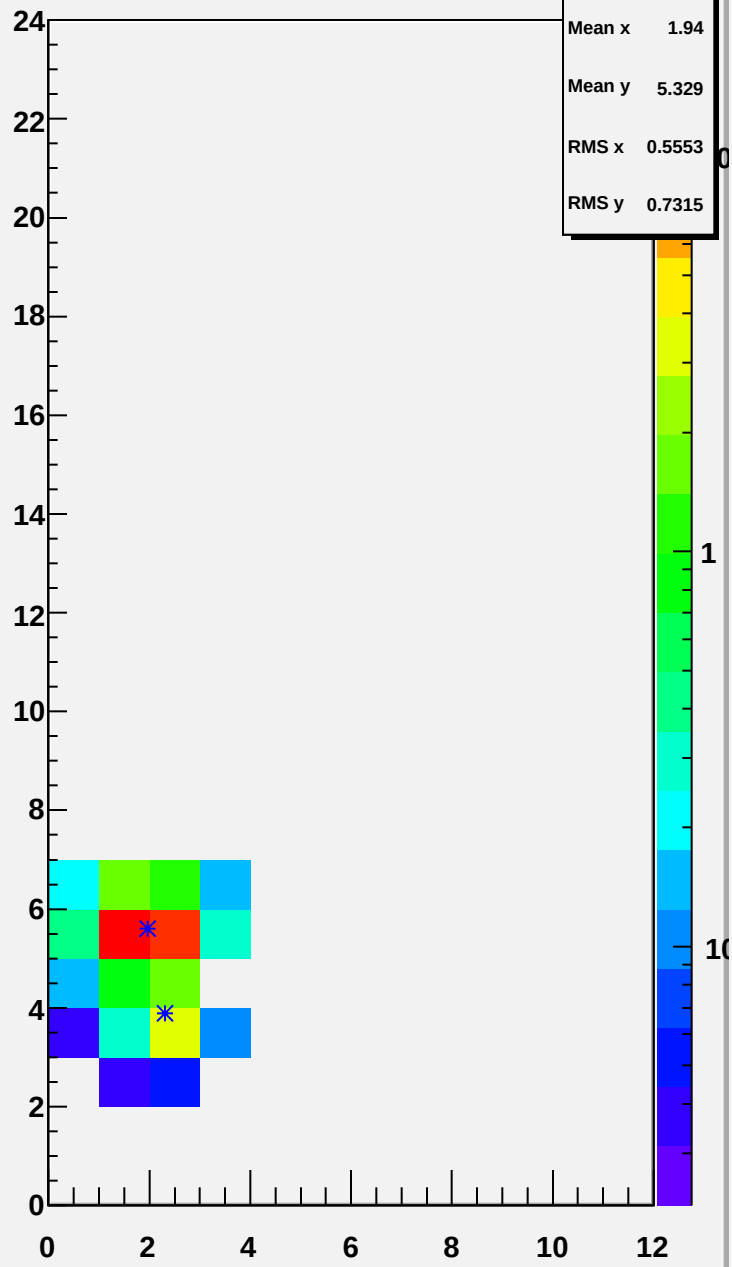
Efit

Entries 288
Mean x 2.472
Mean y 6.116
RMS x 1.12
RMS y 6.966

NSTB3_r4_c3_En=44.6_m0=0.143 m1=0.142 index=2288



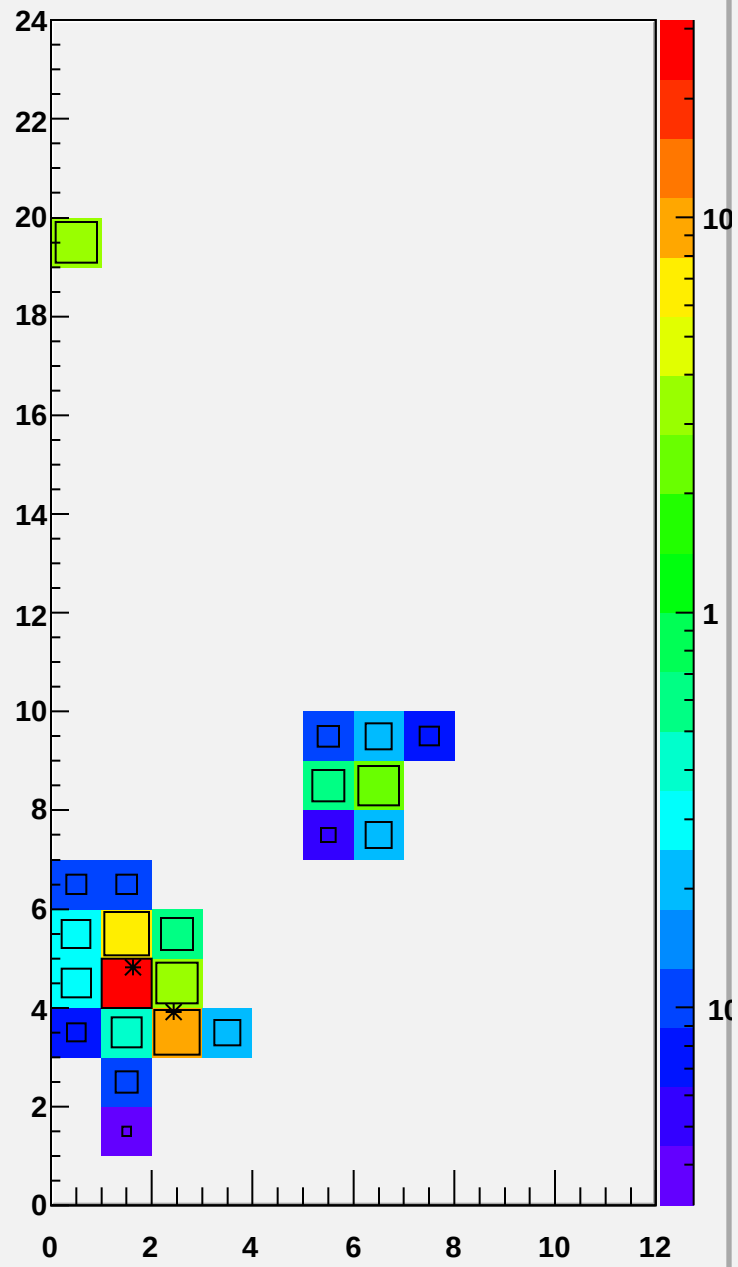
Fitted Energies



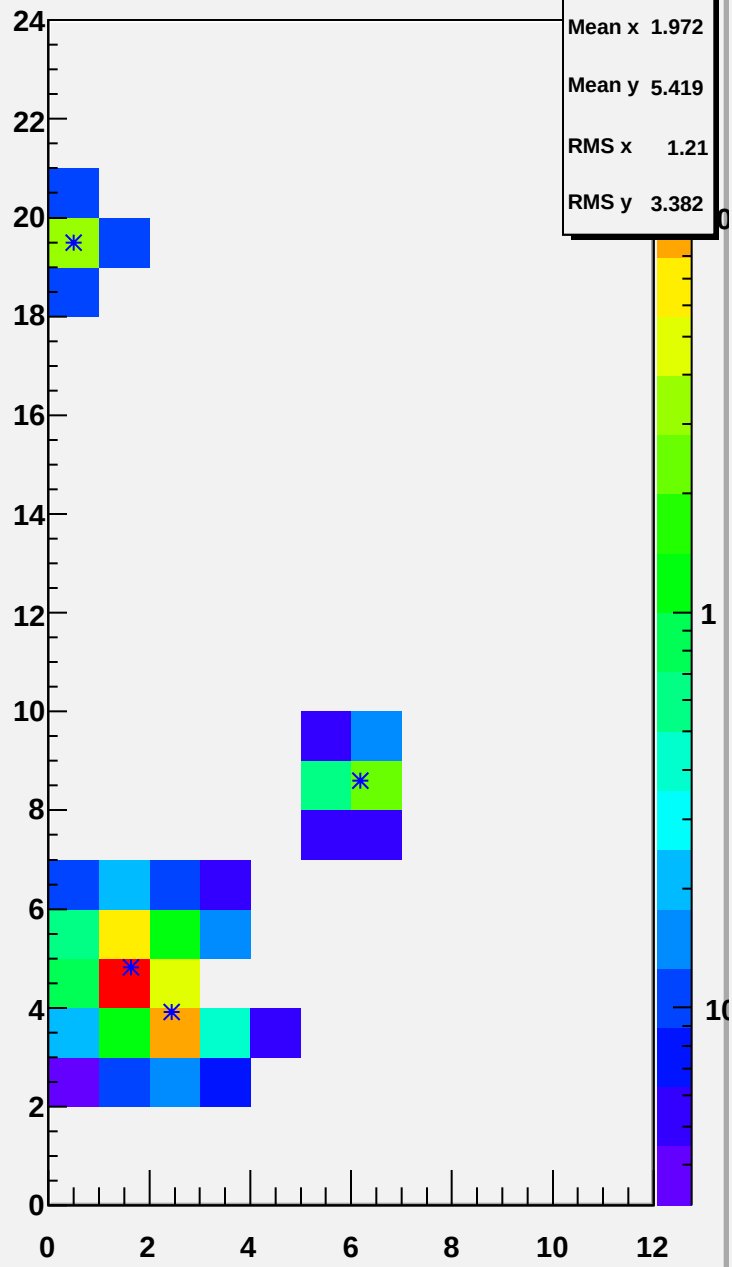
Efit

Entries	288
Mean x	1.94
Mean y	5.329
RMS x	0.5553
RMS y	0.7315

NSTB3_r4_c3_En=60.5_m0=0.170 m1=0.170 index=2290



Fitted Energies



Efit

Entries 288

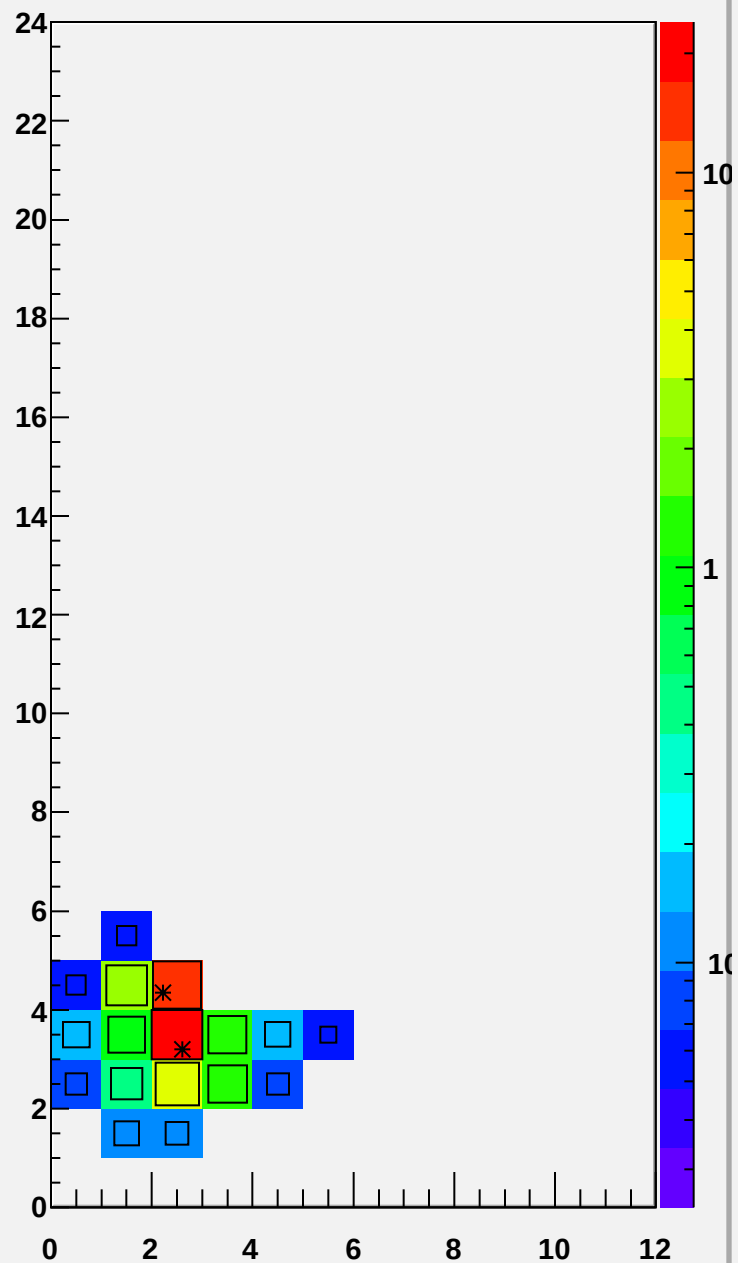
Mean x 1.972

Mean y 5.419

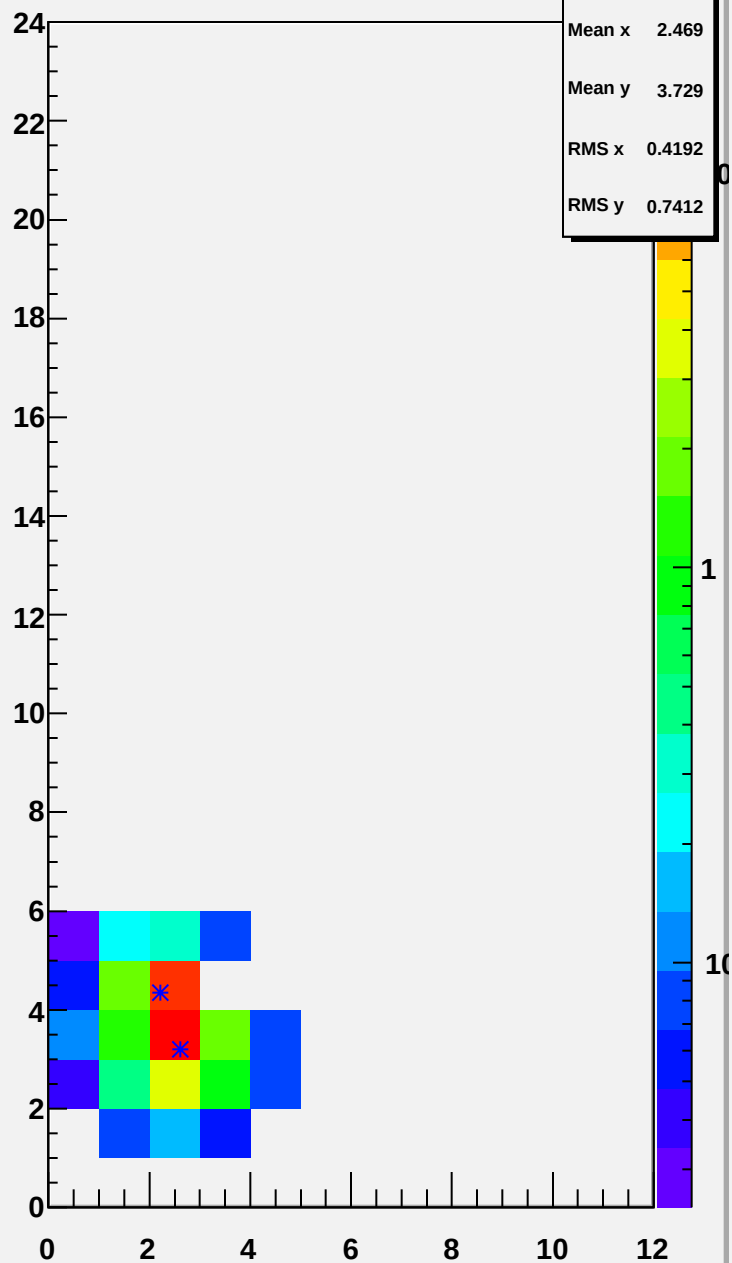
RMS x 1.21

RMS y 3.382

NSTB3_r4_c3_En=48.4_m0=0.156 m1=0.155 index=2292



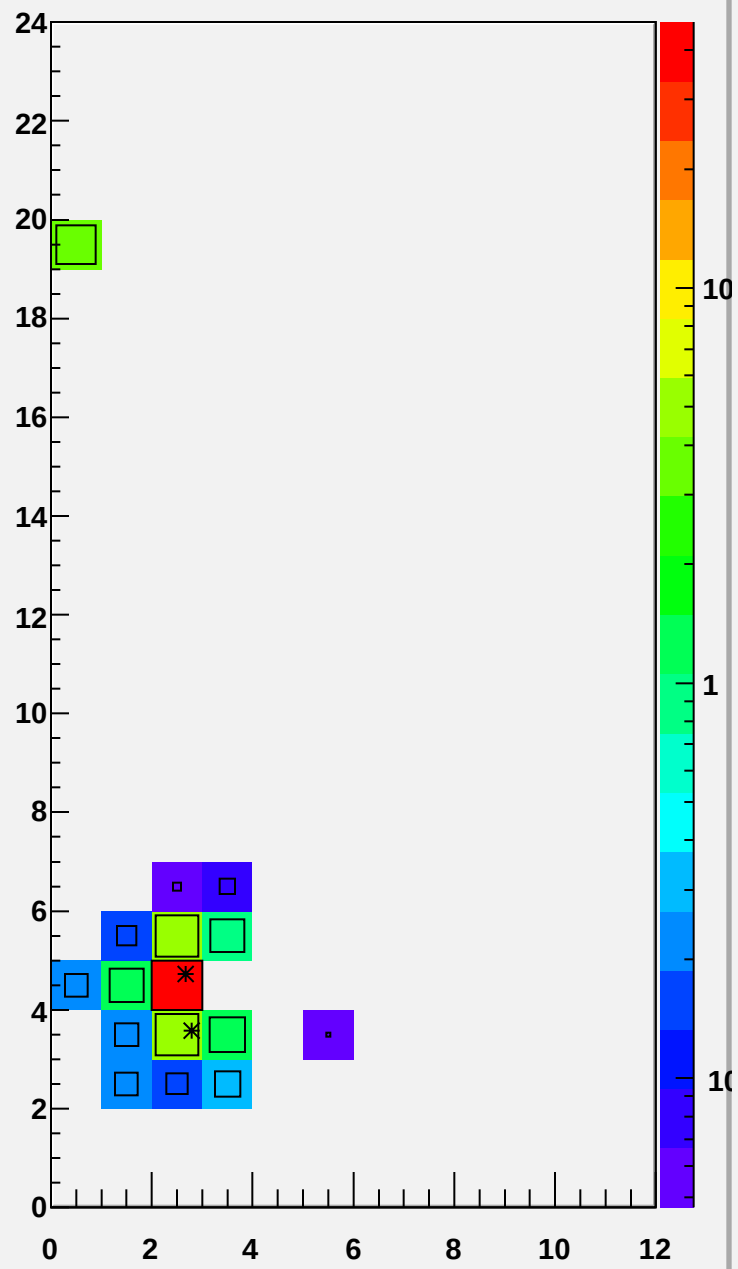
Fitted Energies



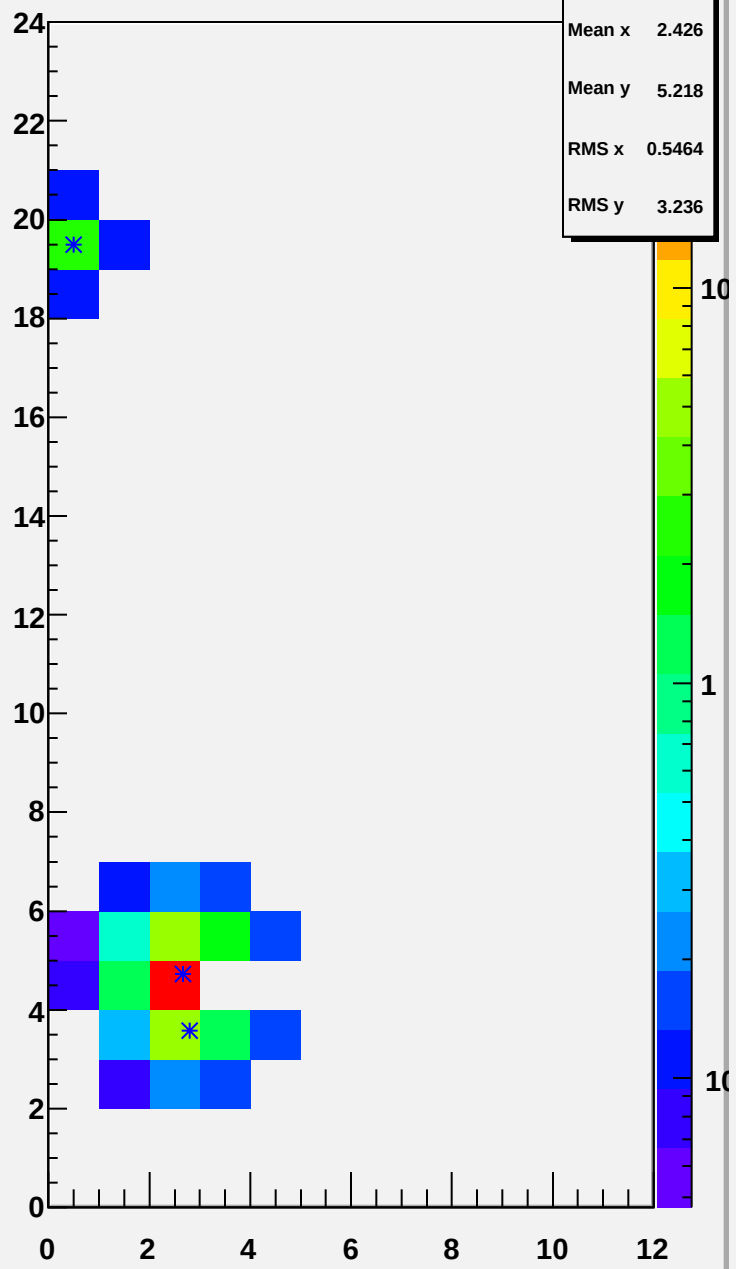
Efit

Entries	288
Mean x	2.469
Mean y	3.729
RMS x	0.4192
RMS y	0.7412

NSTB3_r4_c3_En=67.1_m0=0.125_m1=0.124_index=2293



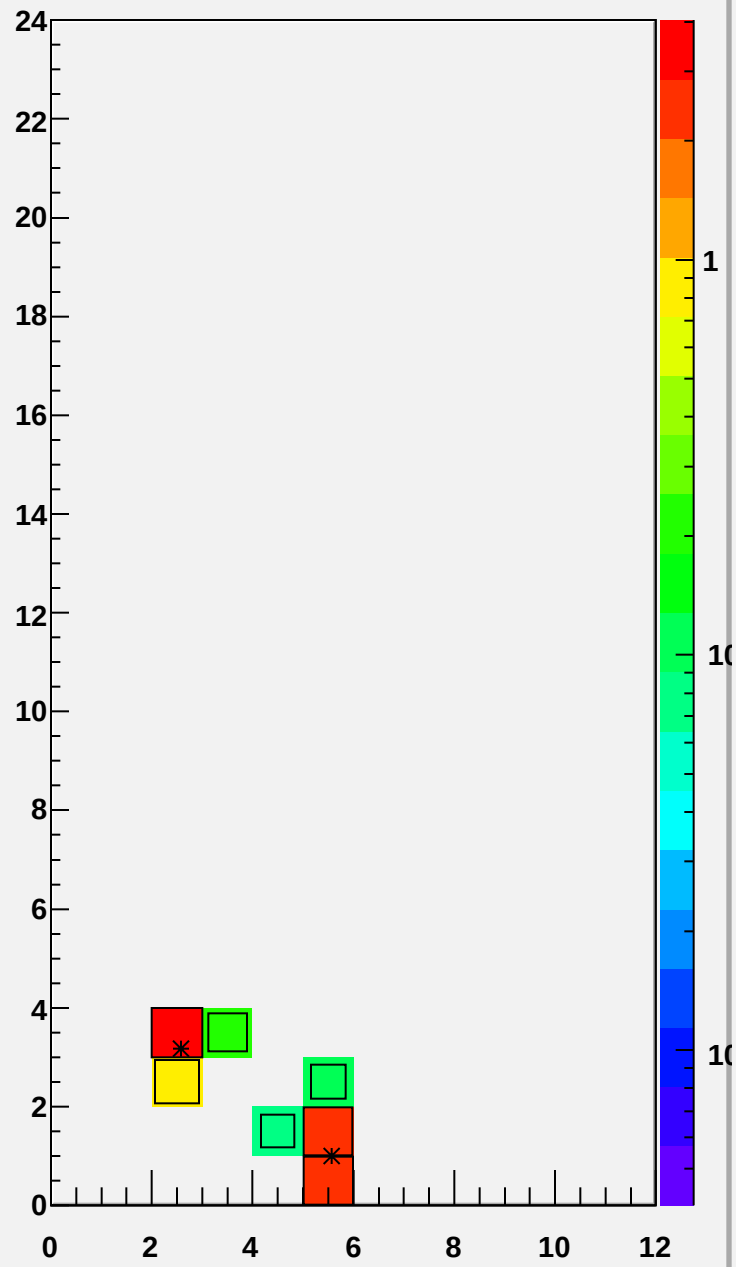
Fitted Energies



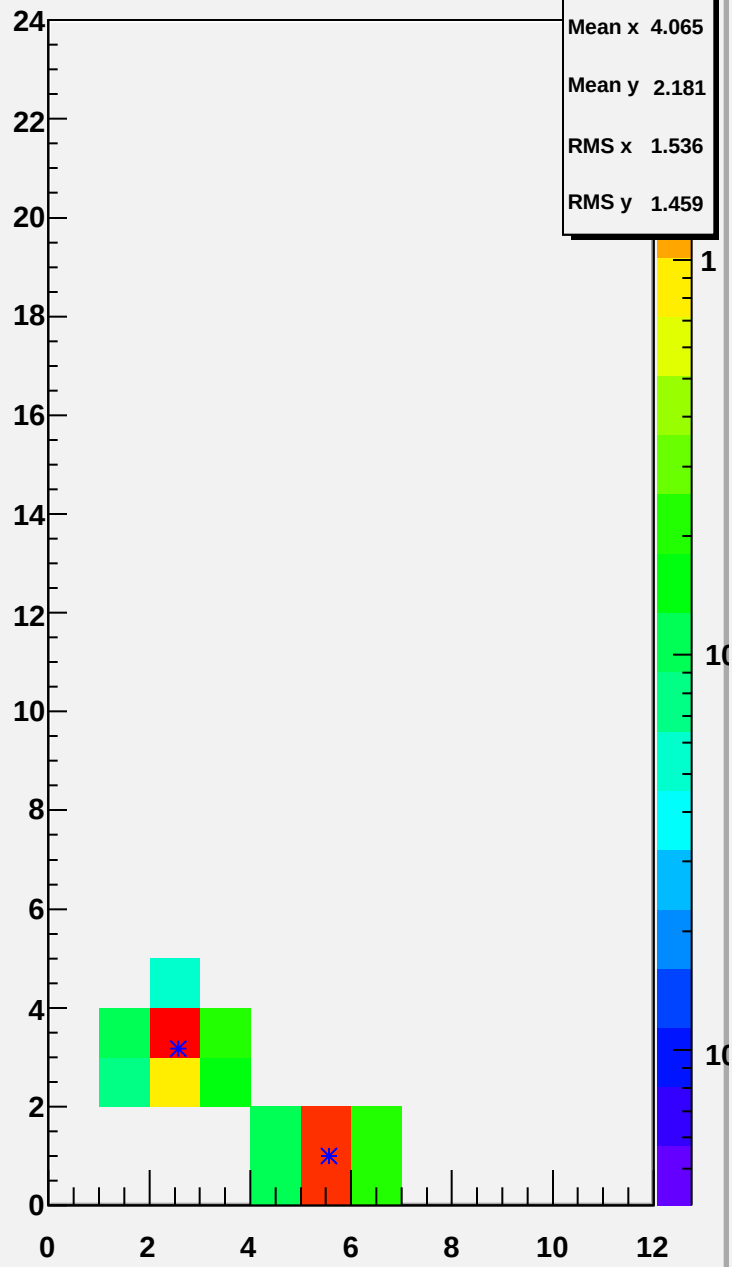
Efit

Entries	288
Mean x	2.426
Mean y	5.218
RMS x	0.5464
RMS y	3.236

NSTB3_r4_c3_En=10.6_m0=0.118 m1=0.118 index=2294



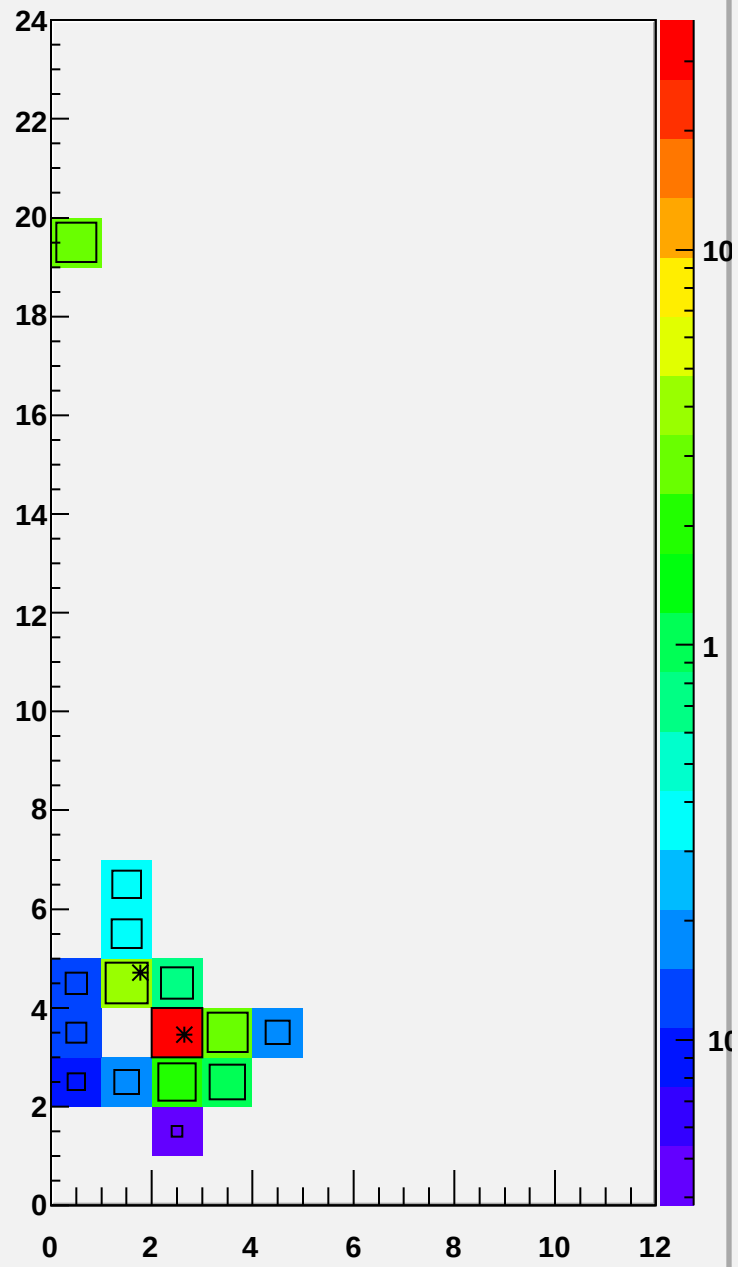
Fitted Energies



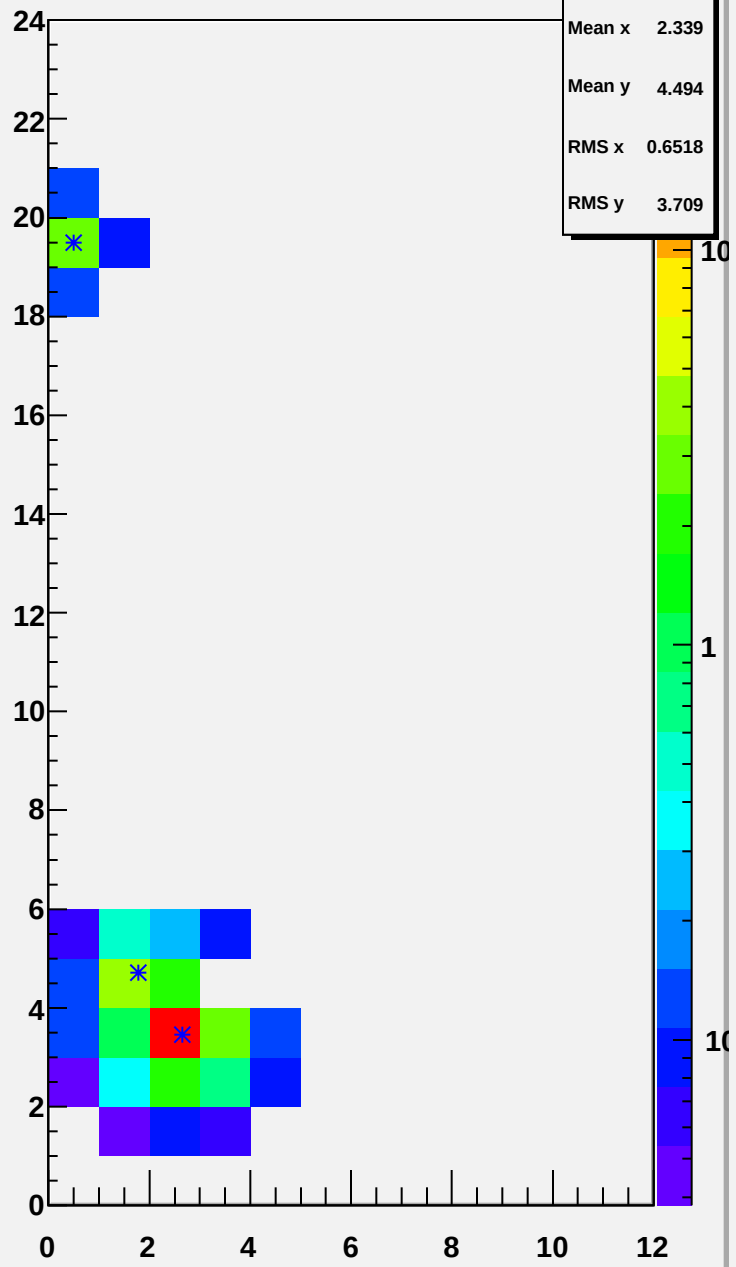
Efit

Entries 288
Mean x 4.065
Mean y 2.181
RMS x 1.536
RMS y 1.459

NSTB3_r4_c3_En=53.5_m0=0.138 m1=0.138 index=2295



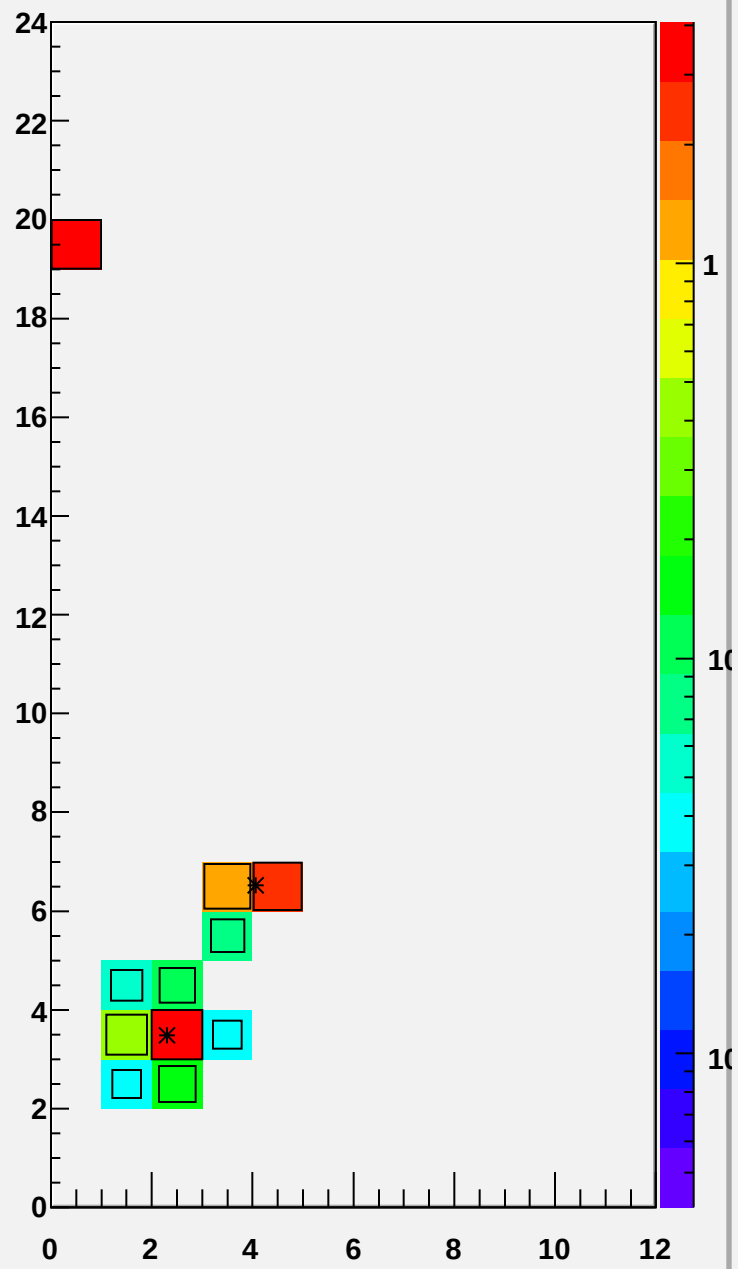
Fitted Energies



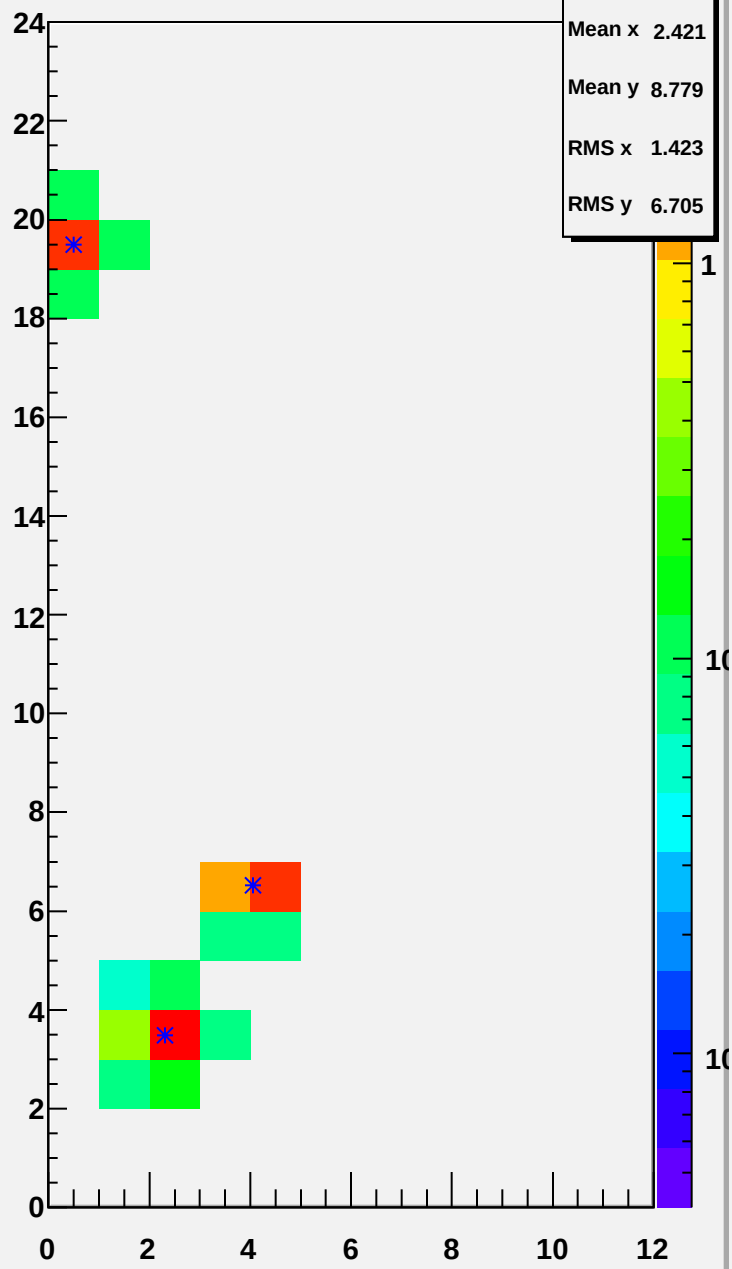
Efit

Entries	288
Mean x	2.339
Mean y	4.494
RMS x	0.6518
RMS y	3.709

NSTB3_r4_c3_En=11.7_m0=0.086 m1=0.086 index=2298



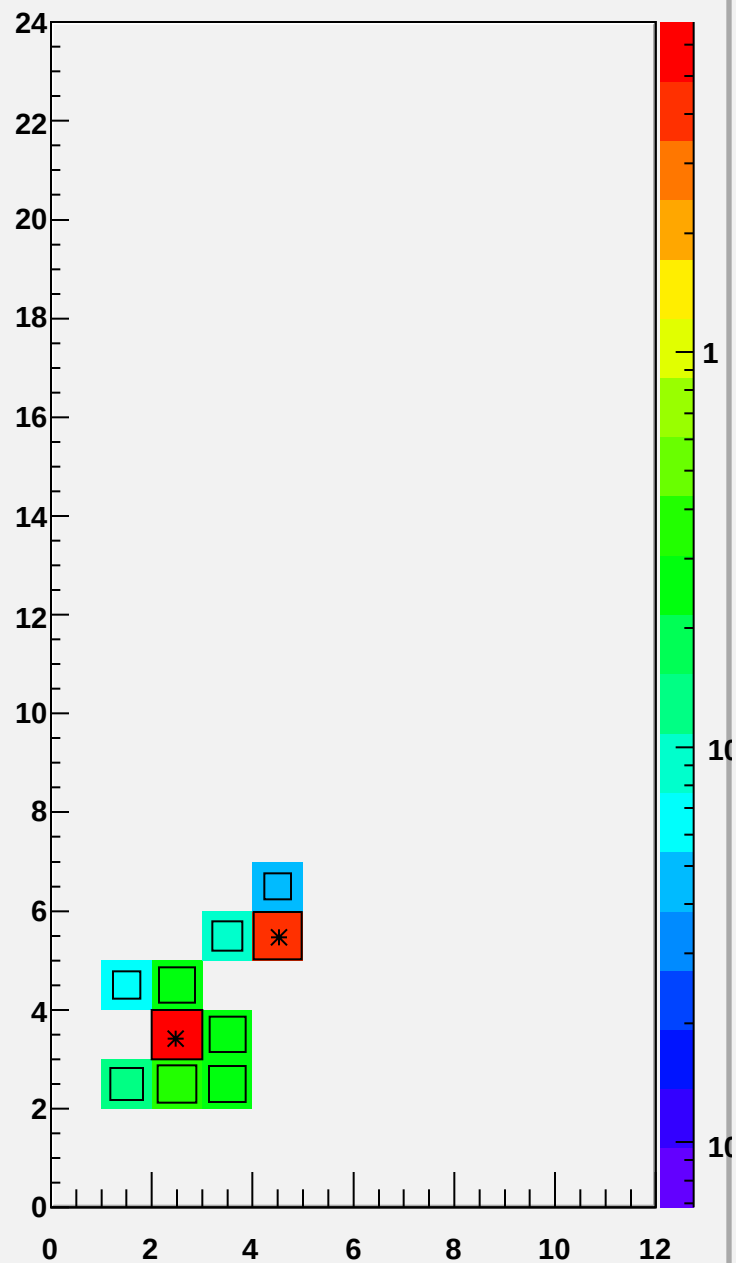
Fitted Energies



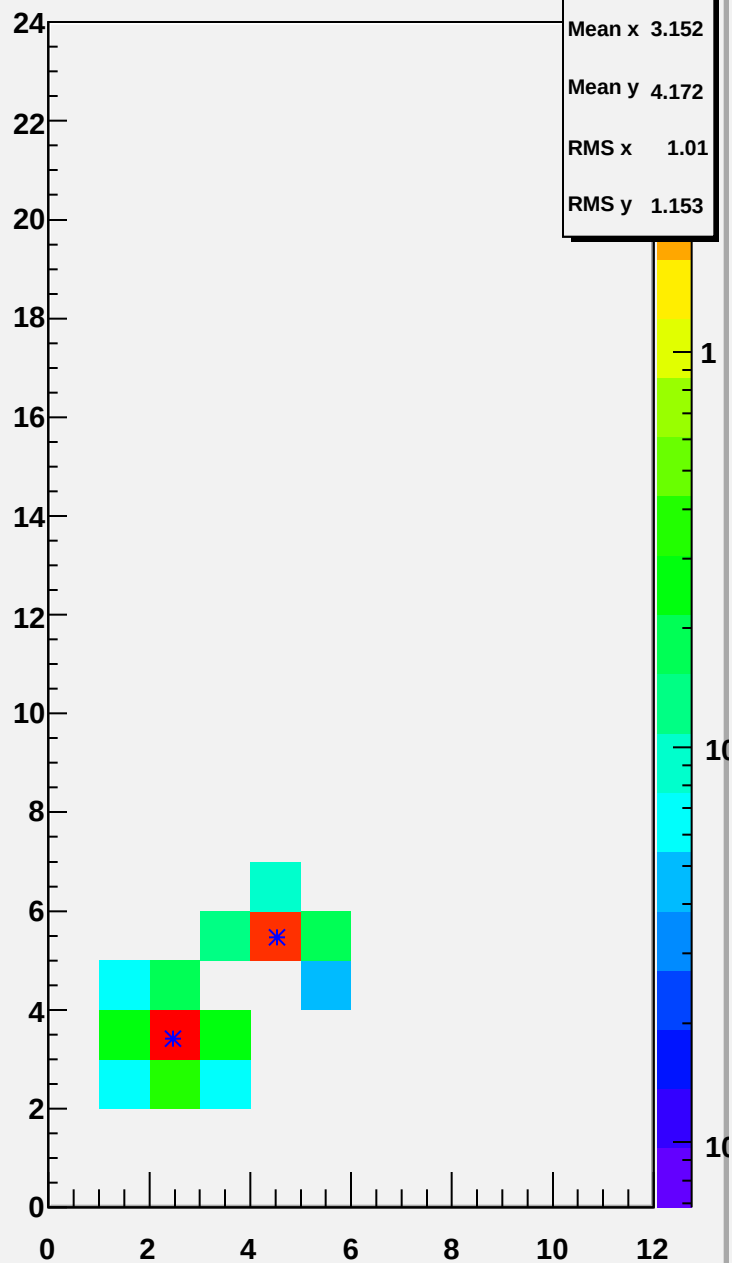
Efit

Entries 288
Mean x 2.421
Mean y 8.779
RMS x 1.423
RMS y 6.705

NSTB3_r4_c3_En=12.1_m0=0.096 m1=0.096 index=2300



Fitted Energies



Efit

Entries 288

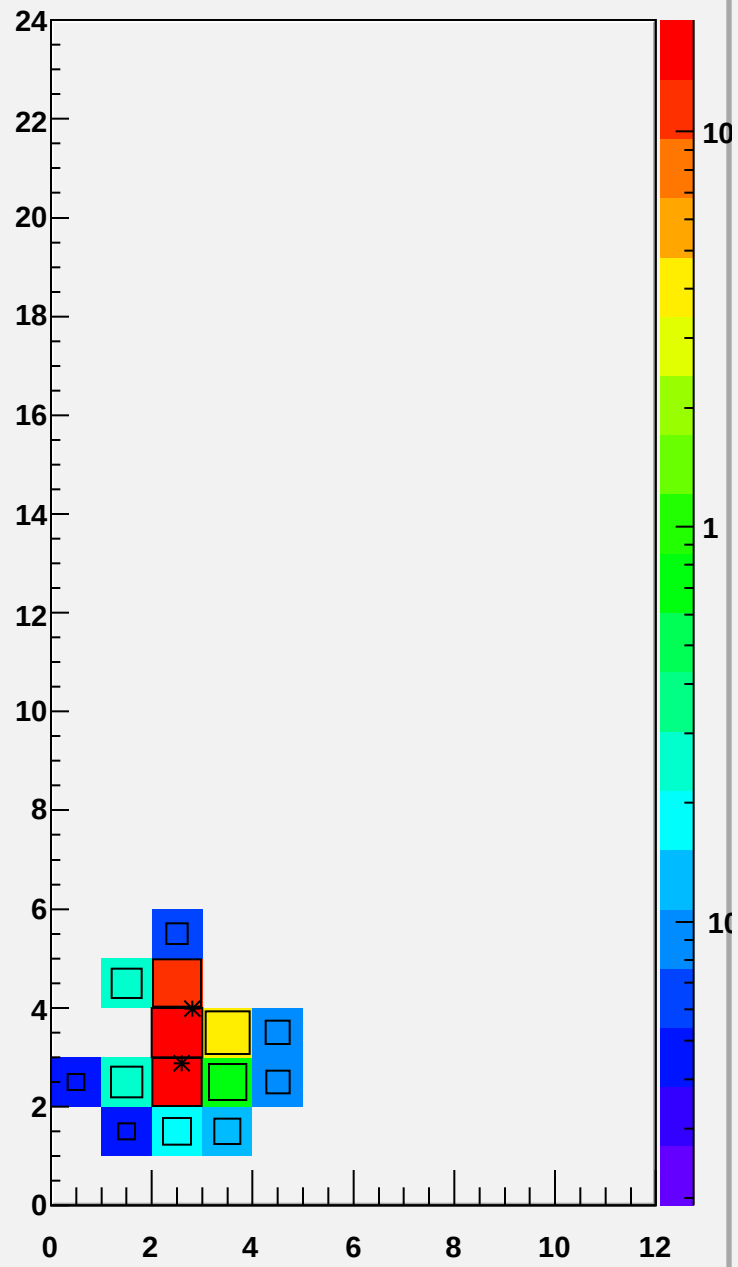
Mean x 3.152

Mean y 4.172

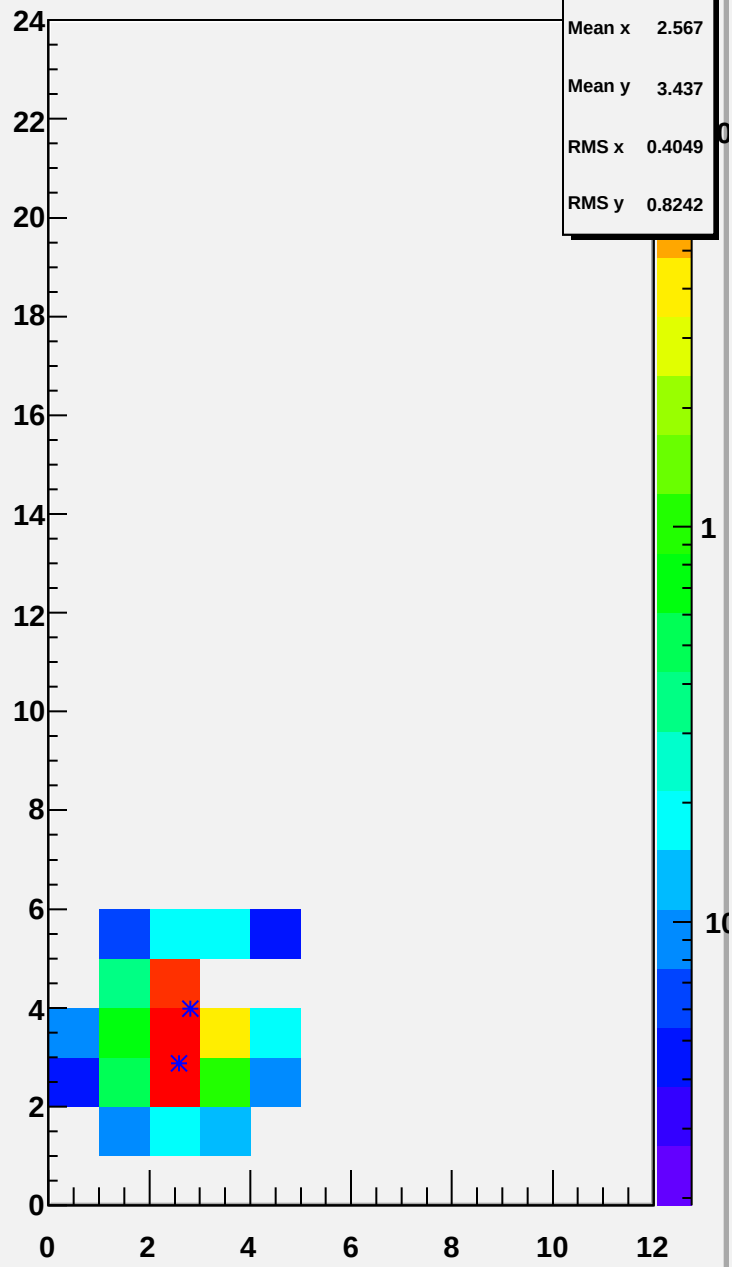
RMS x 1.01

RMS y 1.153

NSTB3_r4_c3_En=49.7_m0=0.162 m1=0.162 index=2301

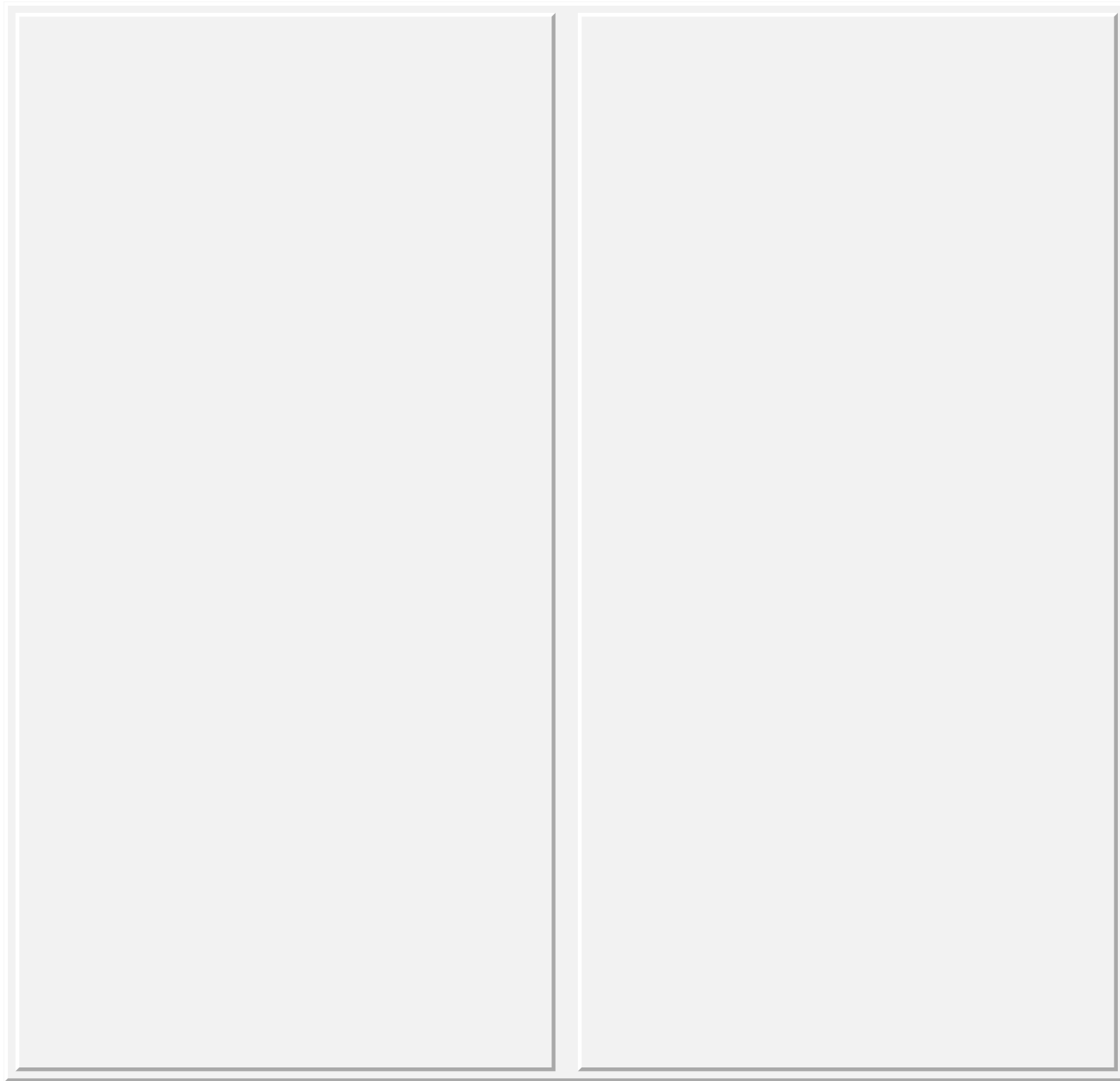


Fitted Energies

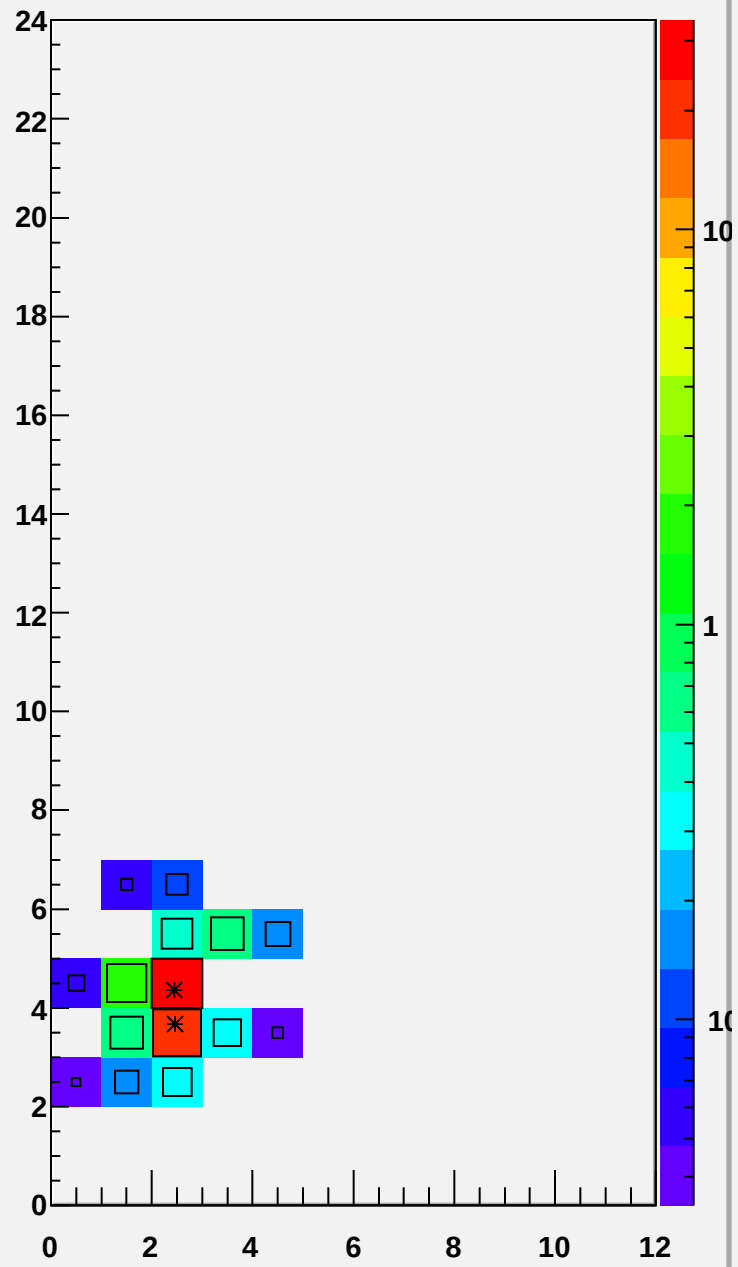


Efit

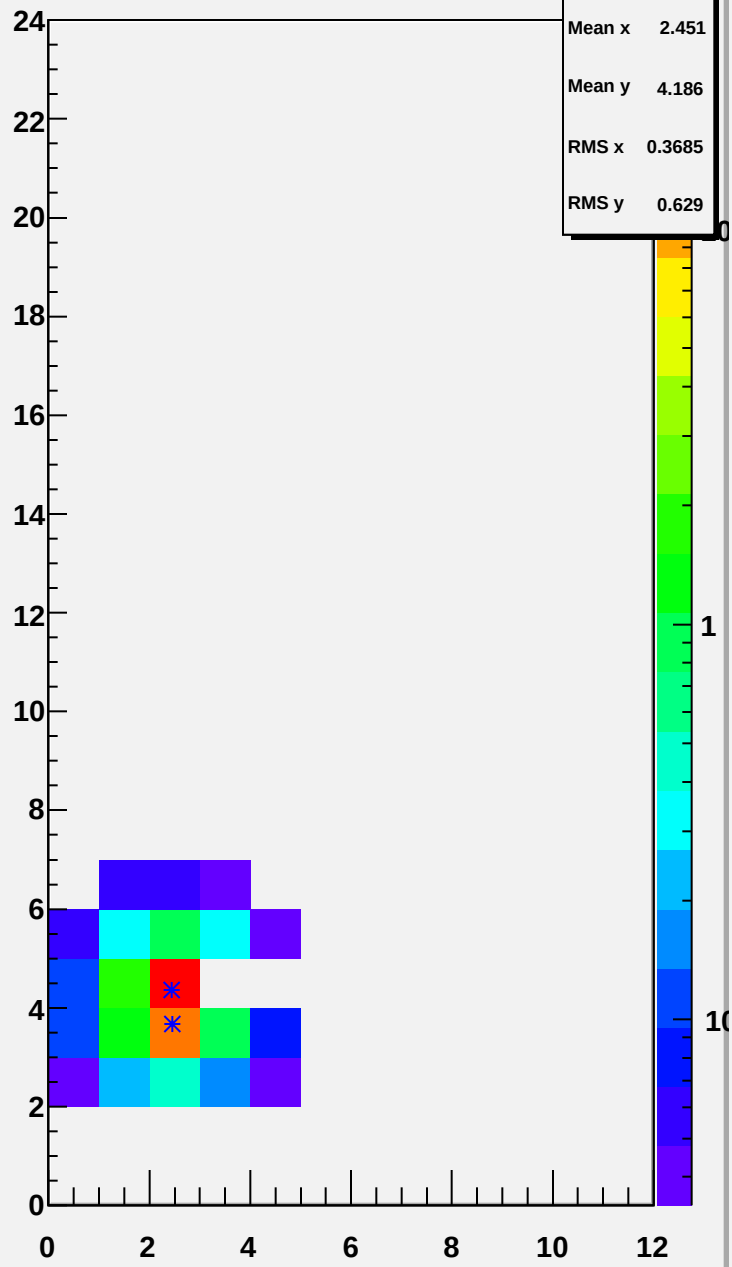
Entries	288
Mean x	2.567
Mean y	3.437
RMS x	0.4049
RMS y	0.8242



NSTB3_r4_c3_En=56.0_m0=0.101 m1=0.100 index=2303



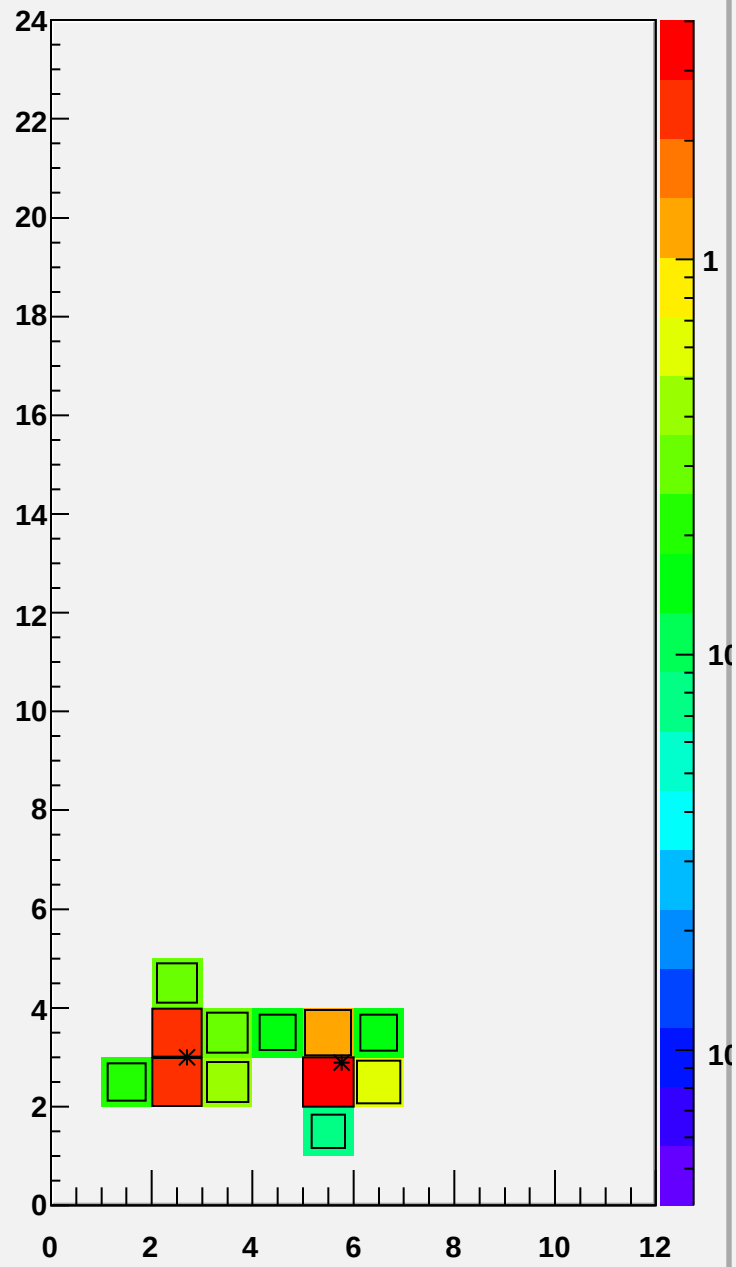
Fitted Energies



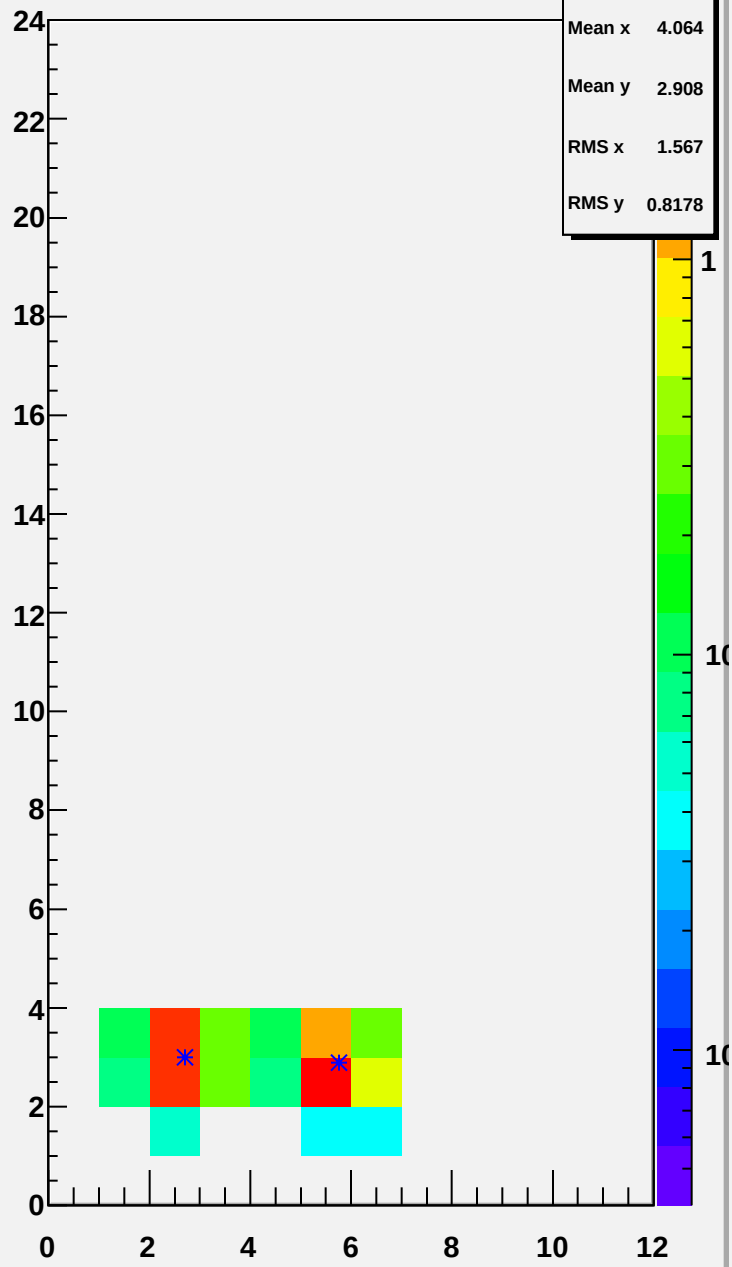
Efit

Entries	288
Mean x	2.451
Mean y	4.186
RMS x	0.3685
RMS y	0.629

NSTB3_r4_c3_En=13.3_m0=0.113 m1=0.113 index=2305



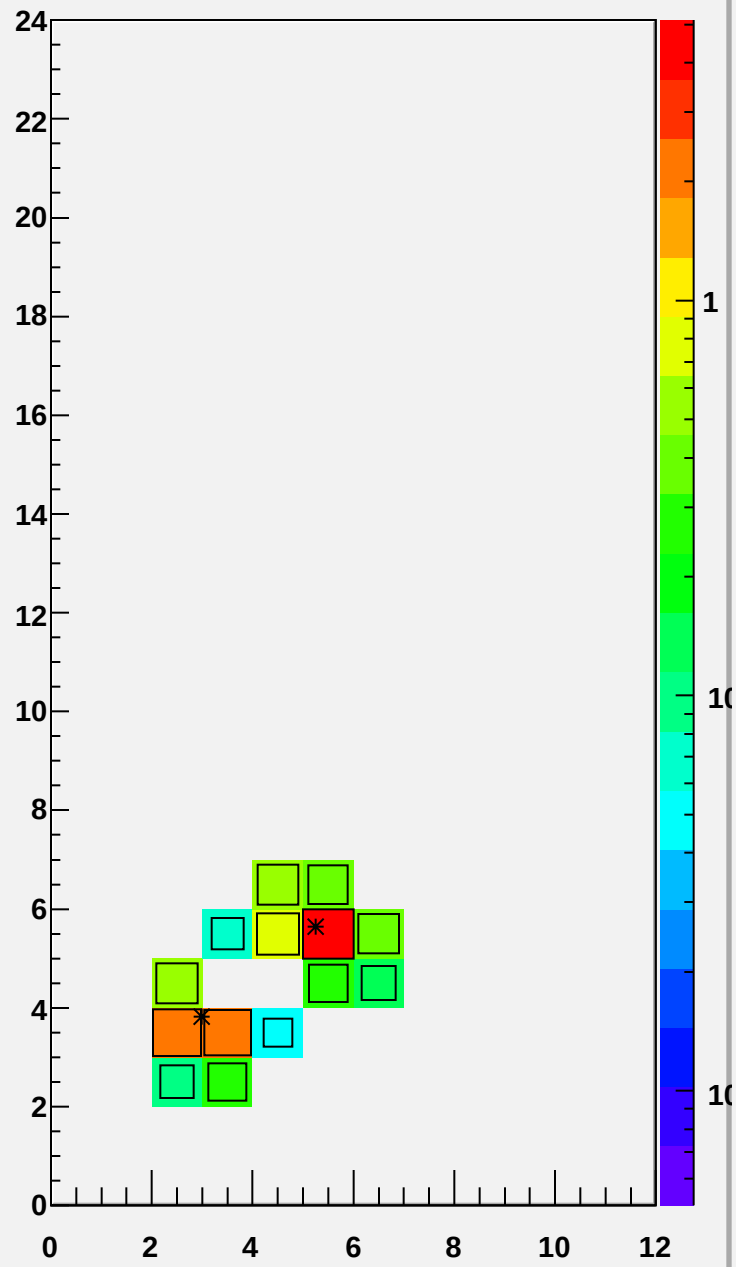
Fitted Energies



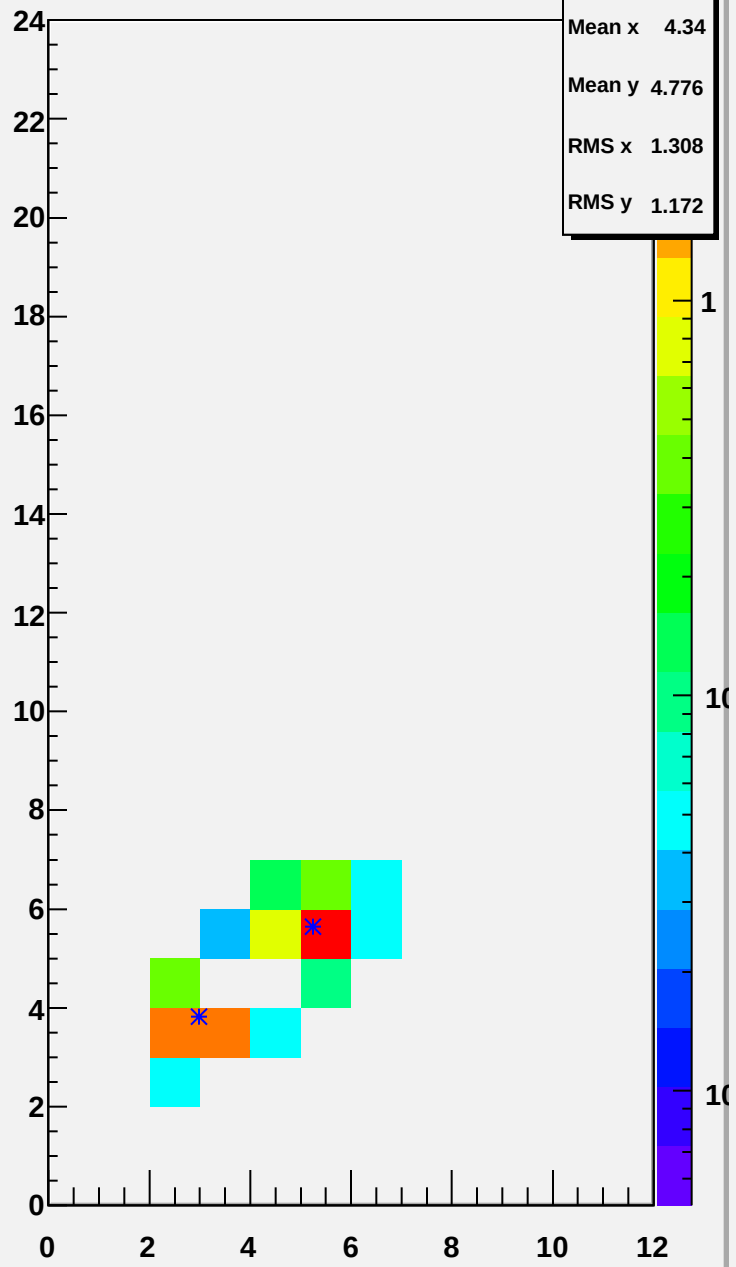
Efit

Entries	288
Mean x	4.064
Mean y	2.908
RMS x	1.567
RMS y	0.8178

NSTB3_r4_c3_En=12.6_m0=0.097 m1=0.097 index=2306



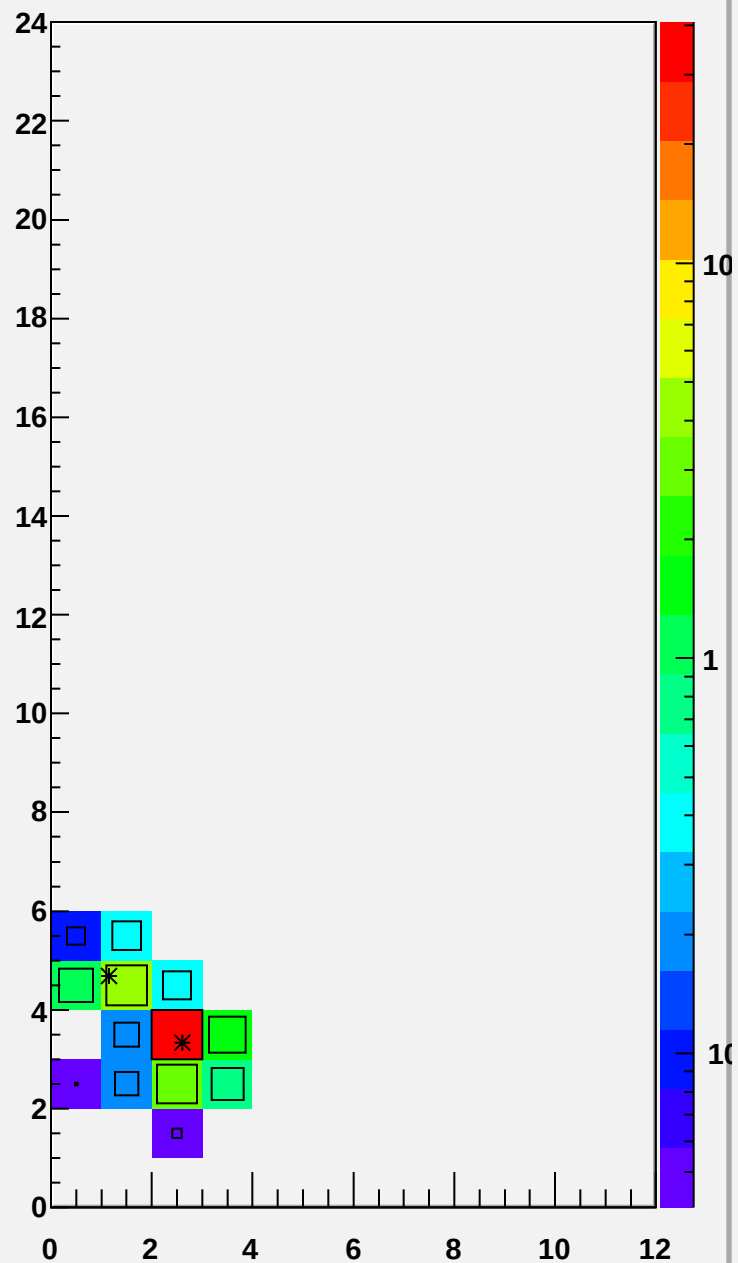
Fitted Energies



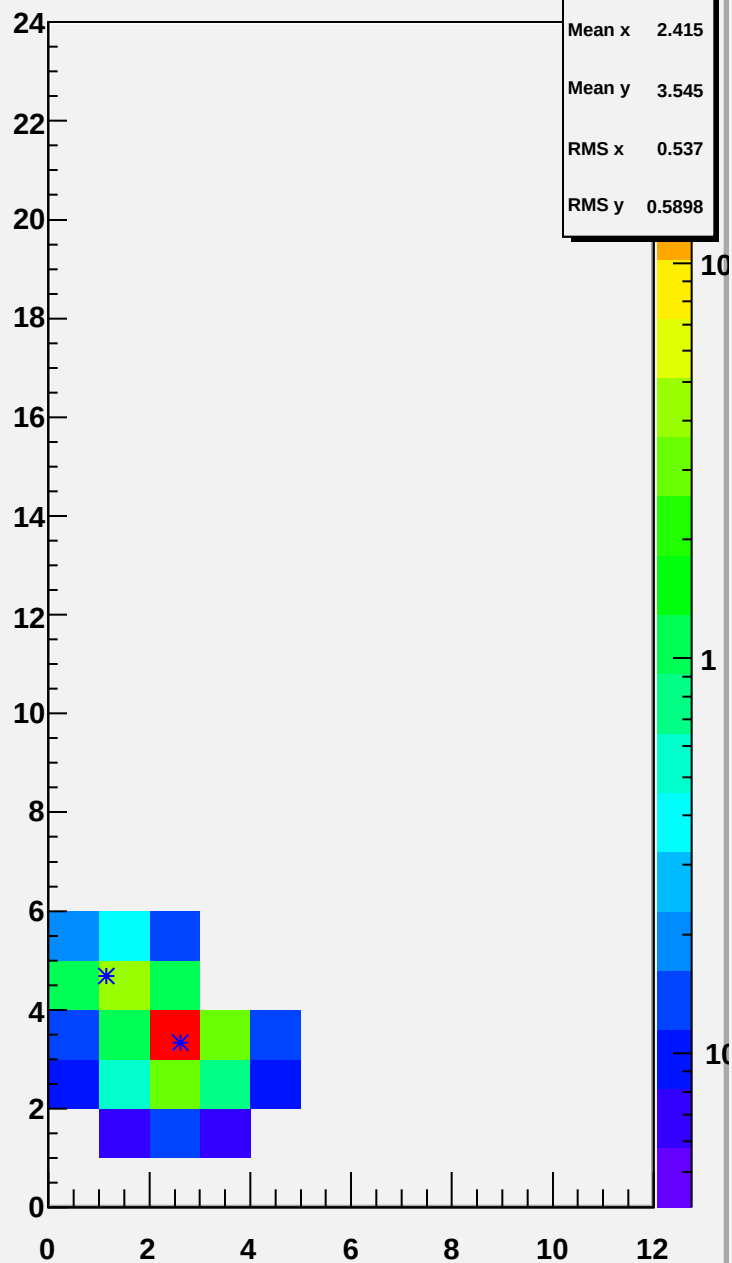
Efit

Entries 288
Mean x 4.34
Mean y 4.776
RMS x 1.308
RMS y 1.172

NSTB3_r4_c3_En=51.9_m0=0.181 m1=0.180 index=2307



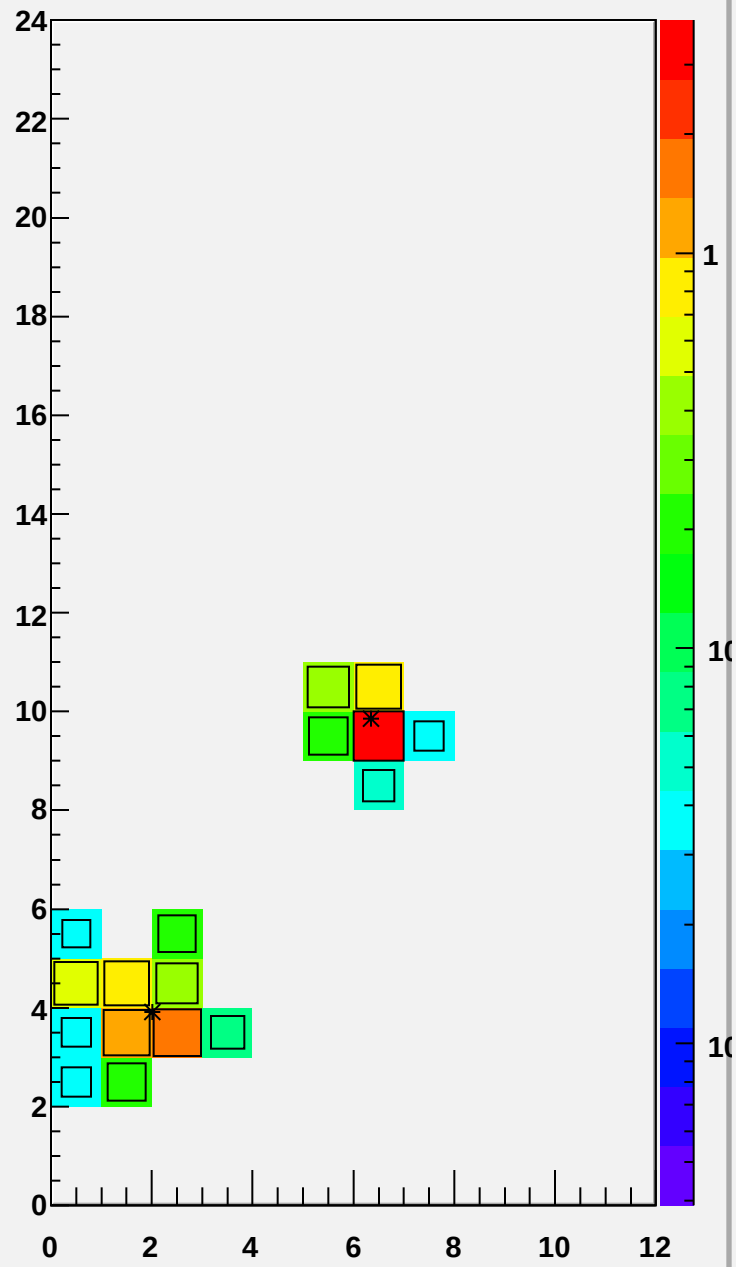
Fitted Energies



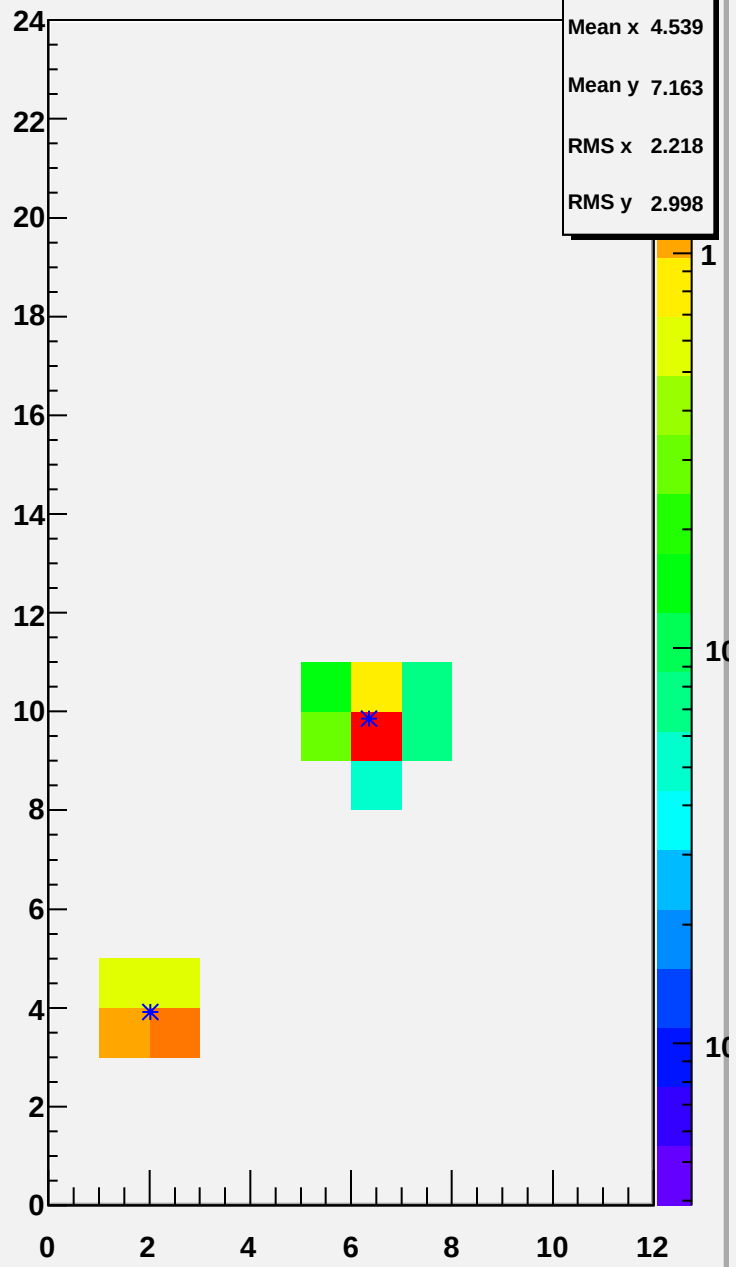
Efit

Entries	288
Mean x	2.415
Mean y	3.545
RMS x	0.537
RMS y	0.5898

NSTB3_r4_c3_En=11.0_m0=0.204 m1=0.204 index=2308



Fitted Energies



Efit

Entries 288

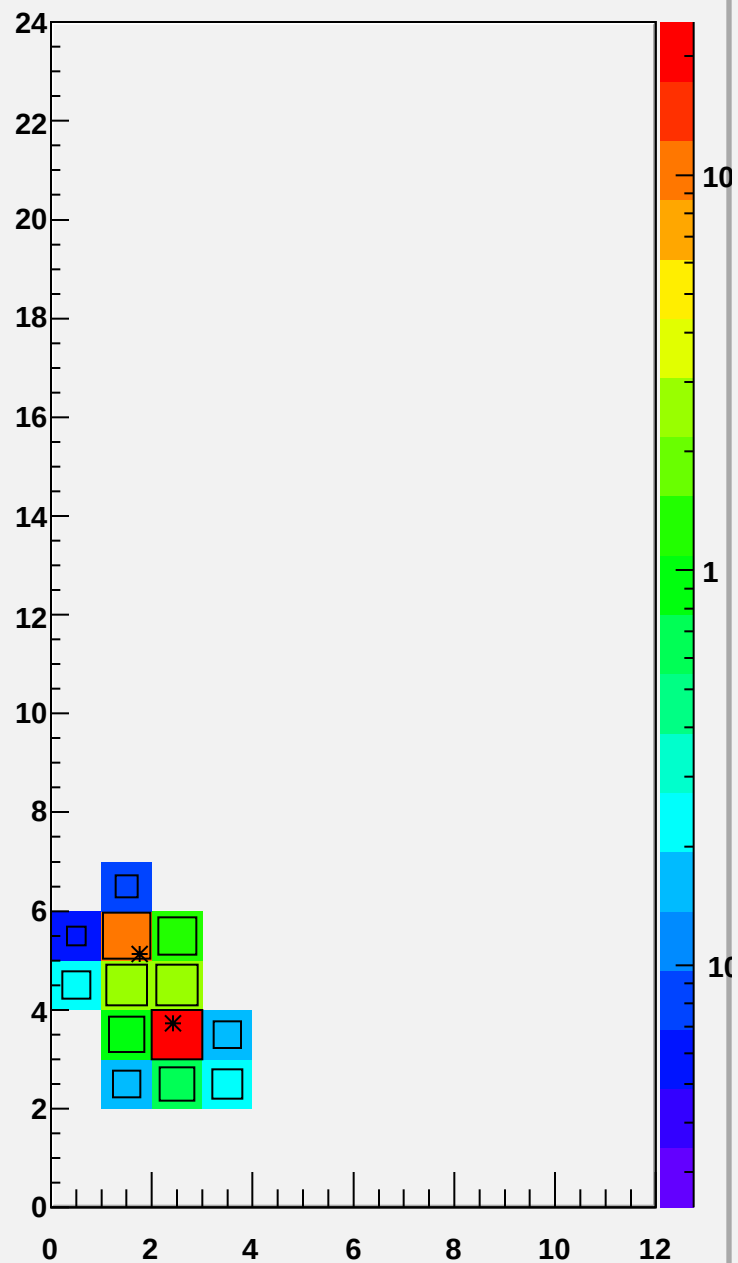
Mean x 4.539

Mean y 7.163

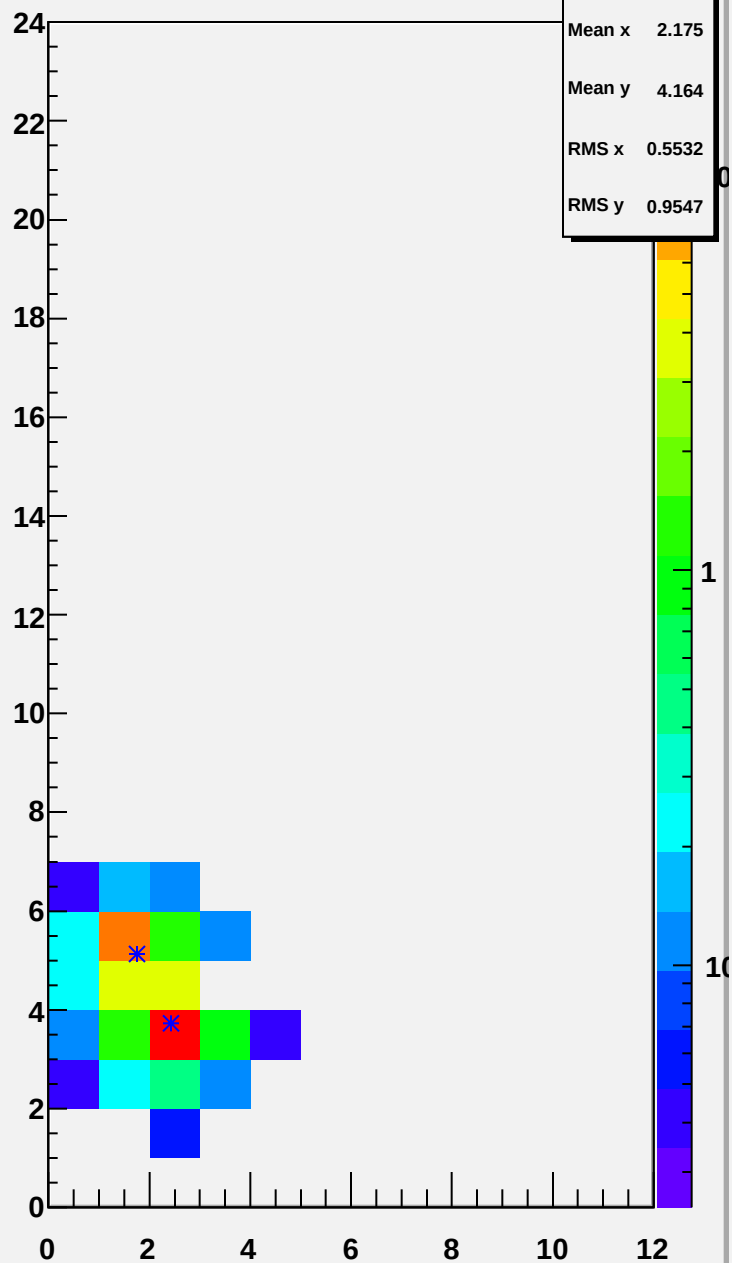
RMS x 2.218

RMS y 2.998

NSTB3_r4_c3_En=43.4_m0=0.188 m1=0.188 index=2309



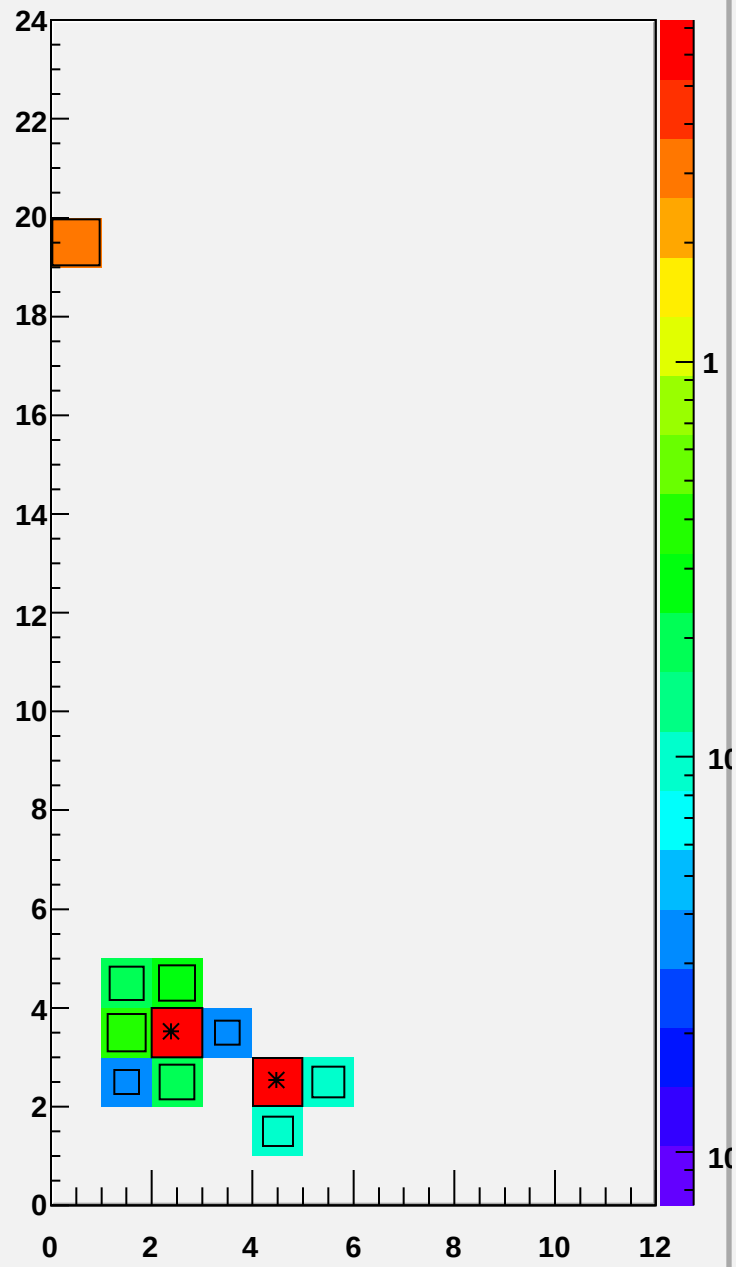
Fitted Energies



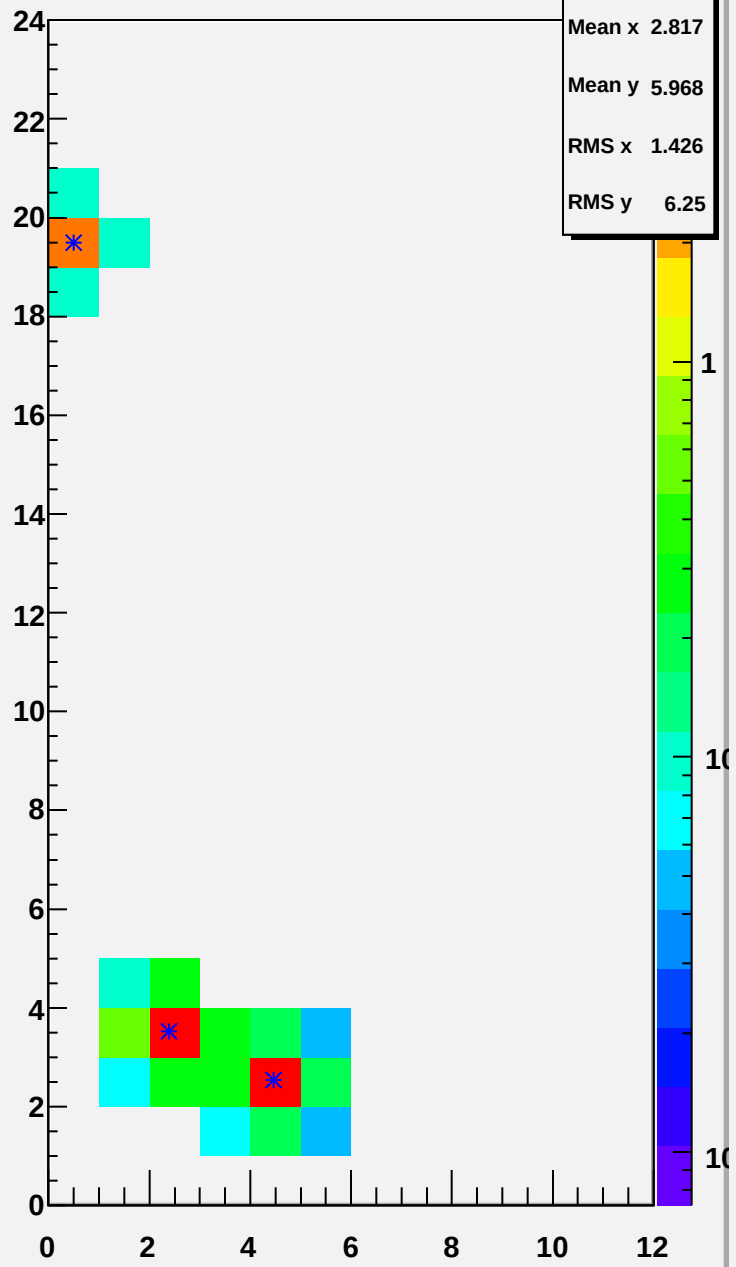
Efit

Entries	288
Mean x	2.175
Mean y	4.164
RMS x	0.5532
RMS y	0.9547

NSTB3_r4_c3_En=17.6_m0=0.096 m1=0.096 index=2310



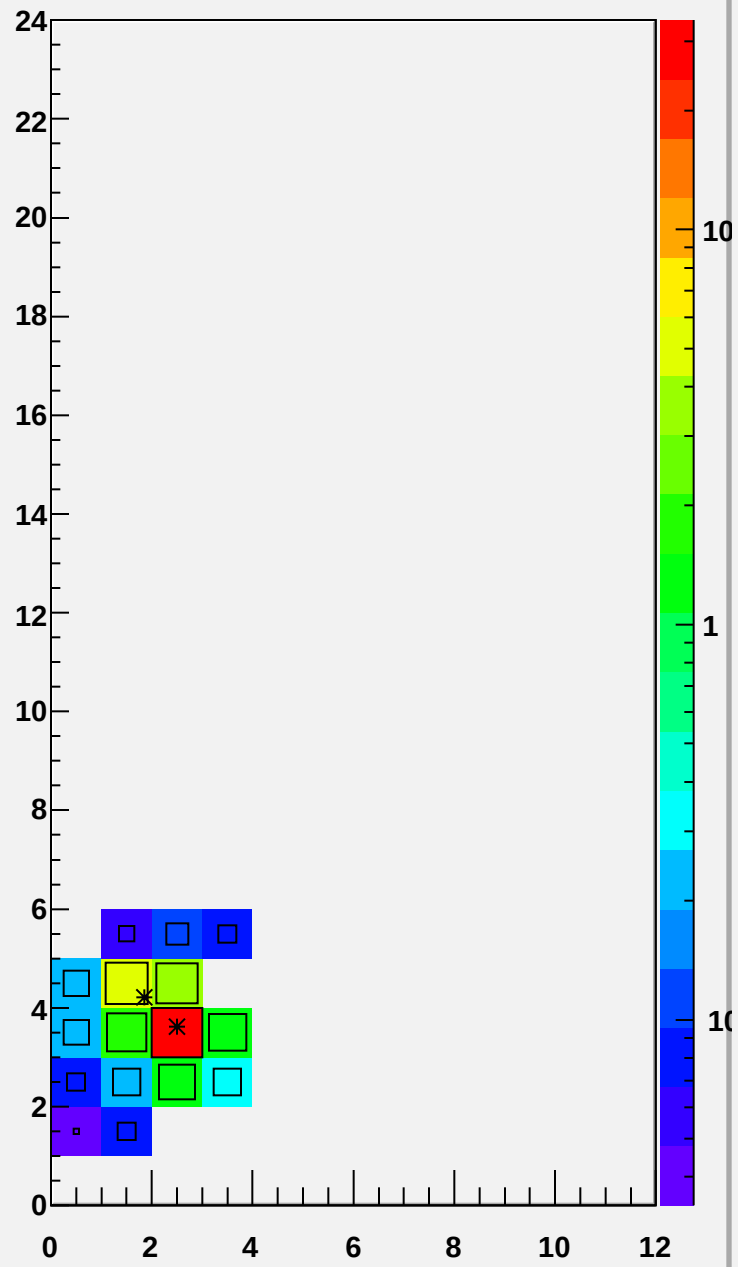
Fitted Energies



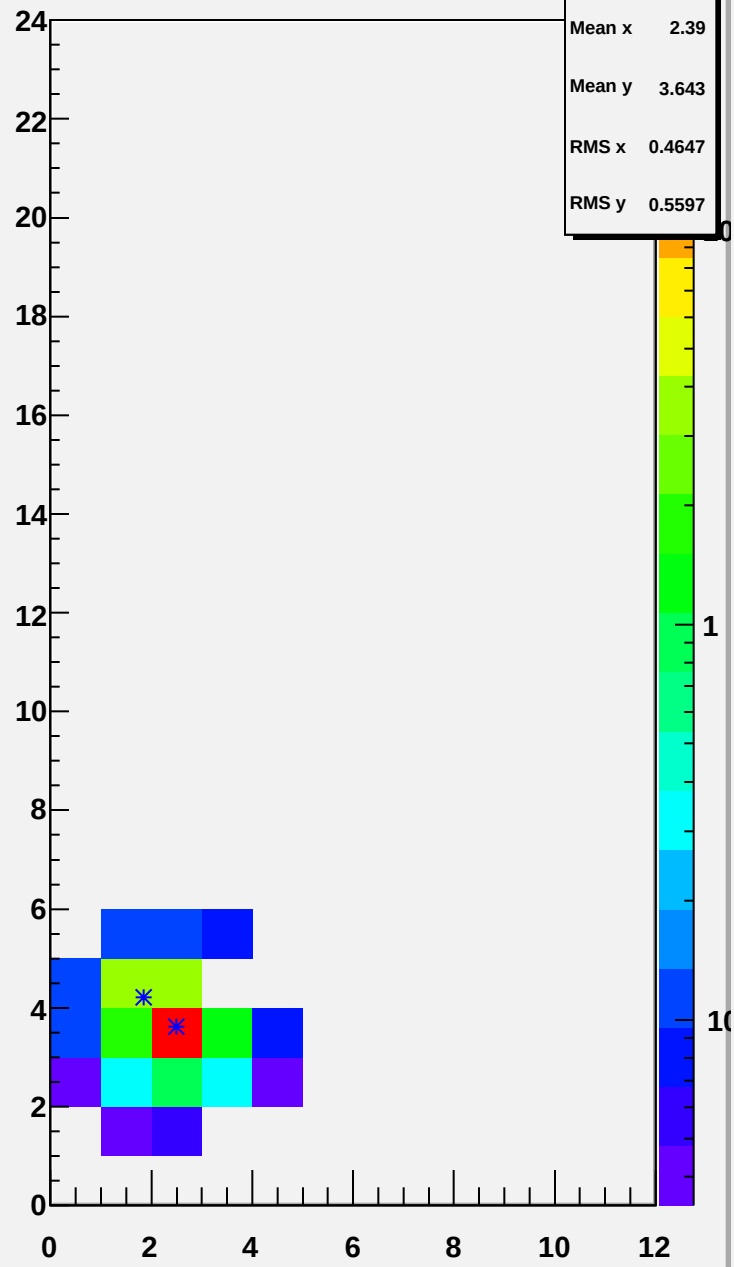
Efit

Entries 288
Mean x 2.817
Mean y 5.968
RMS x 1.426
RMS y 6.25

NSTB3_r4_c3_En=47.2_m0=0.073 m1=0.074 index=2311



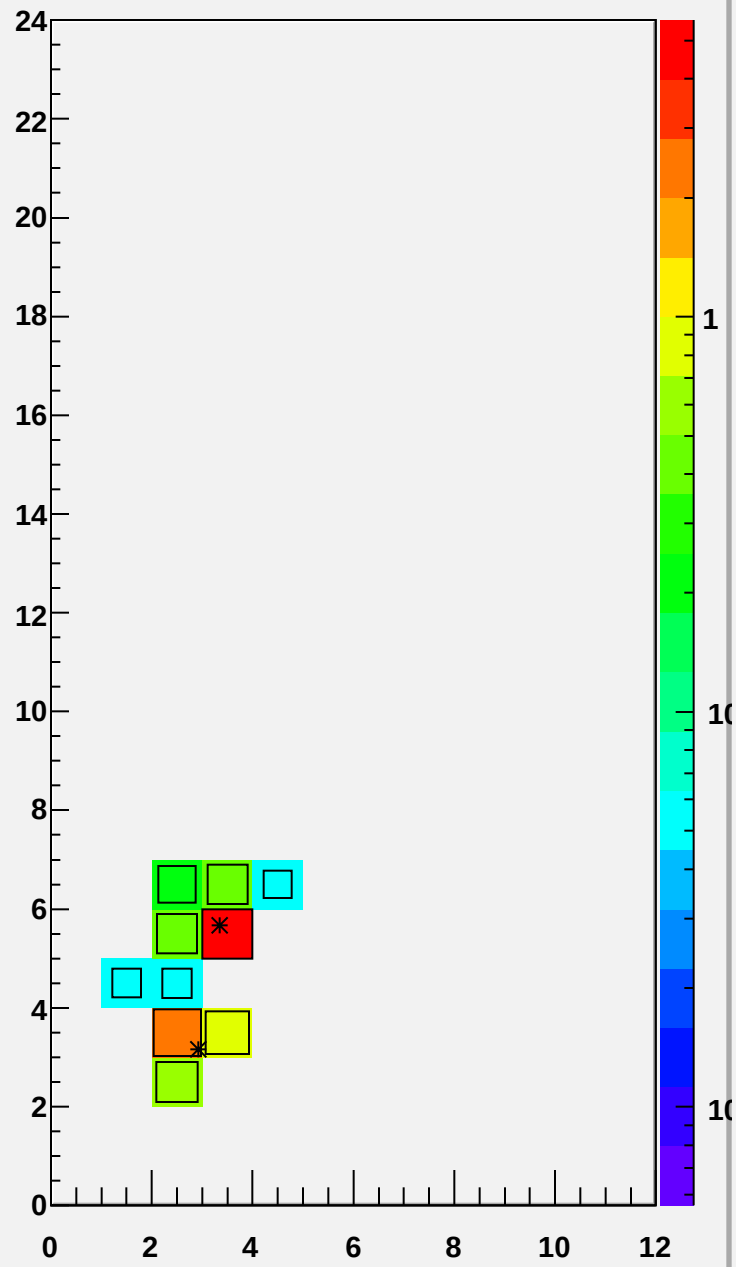
Fitted Energies



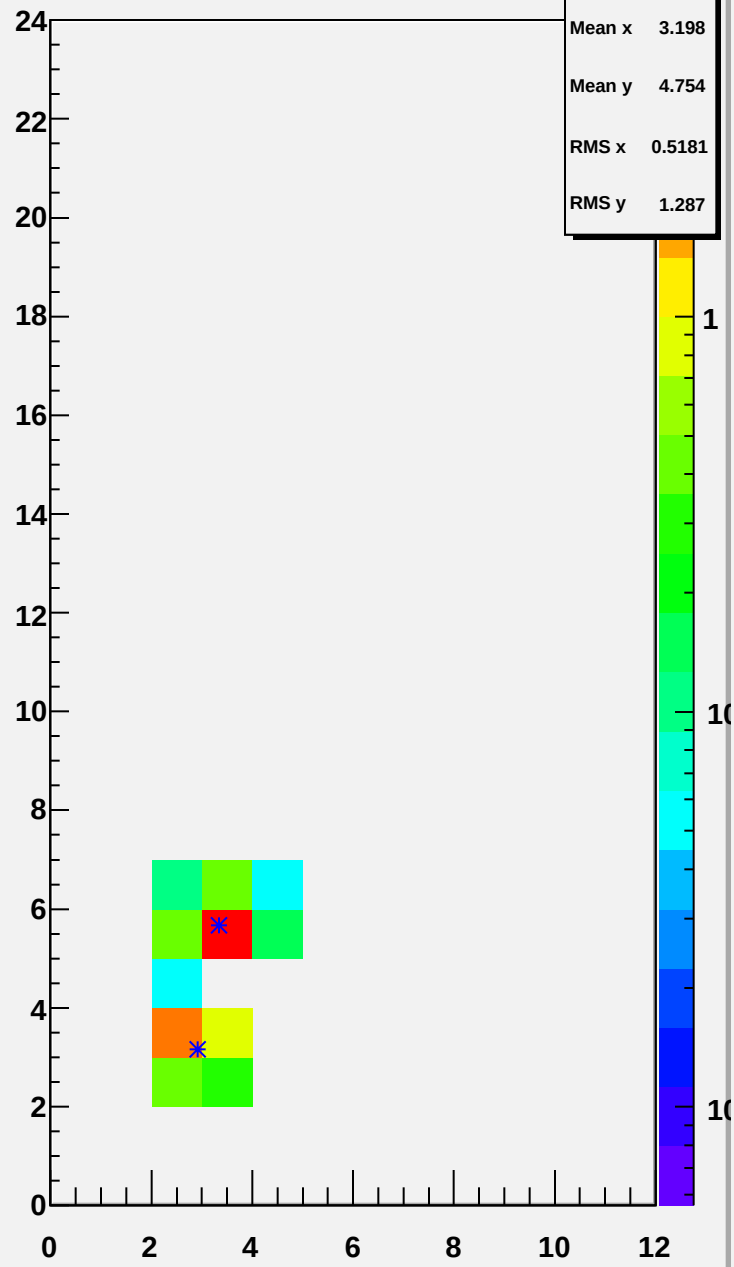
Efit

Entries	288
Mean x	2.39
Mean y	3.643
RMS x	0.4647
RMS y	0.5597

NSTB3_r4_c3_En=10.9_m0=0.080 m1=0.080 index=2312



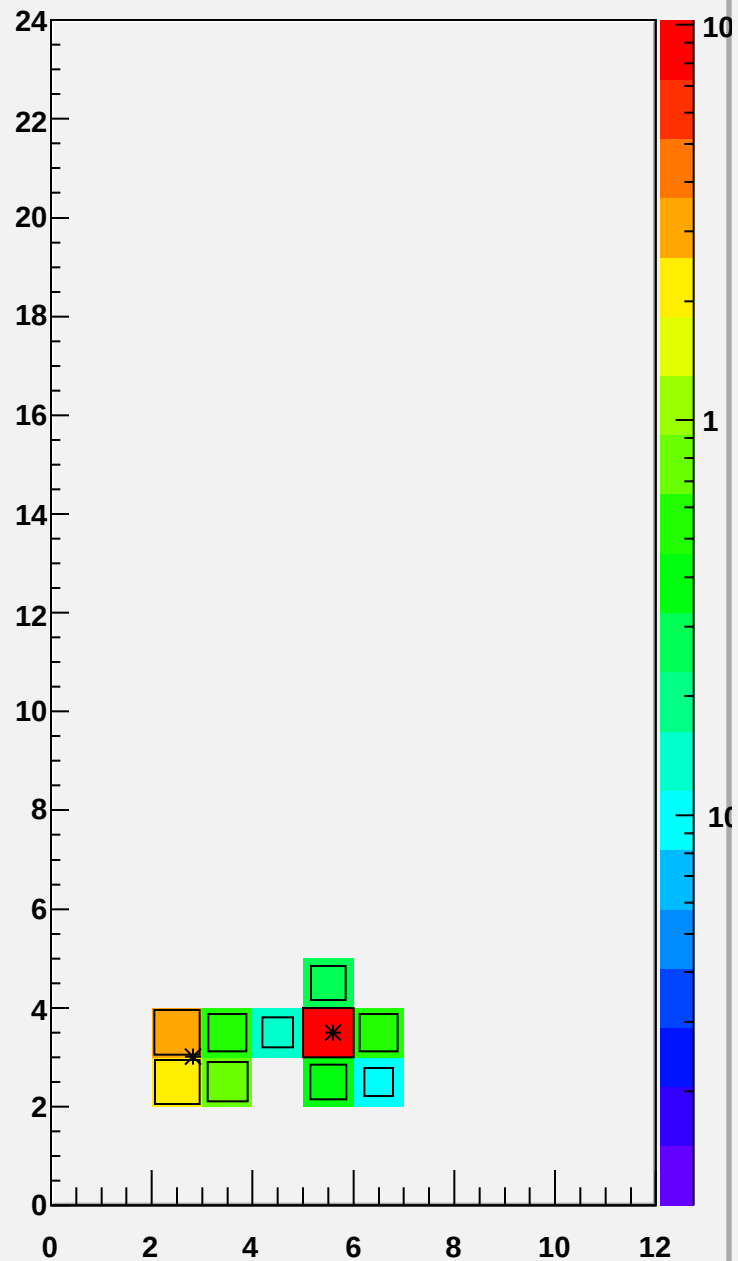
Fitted Energies



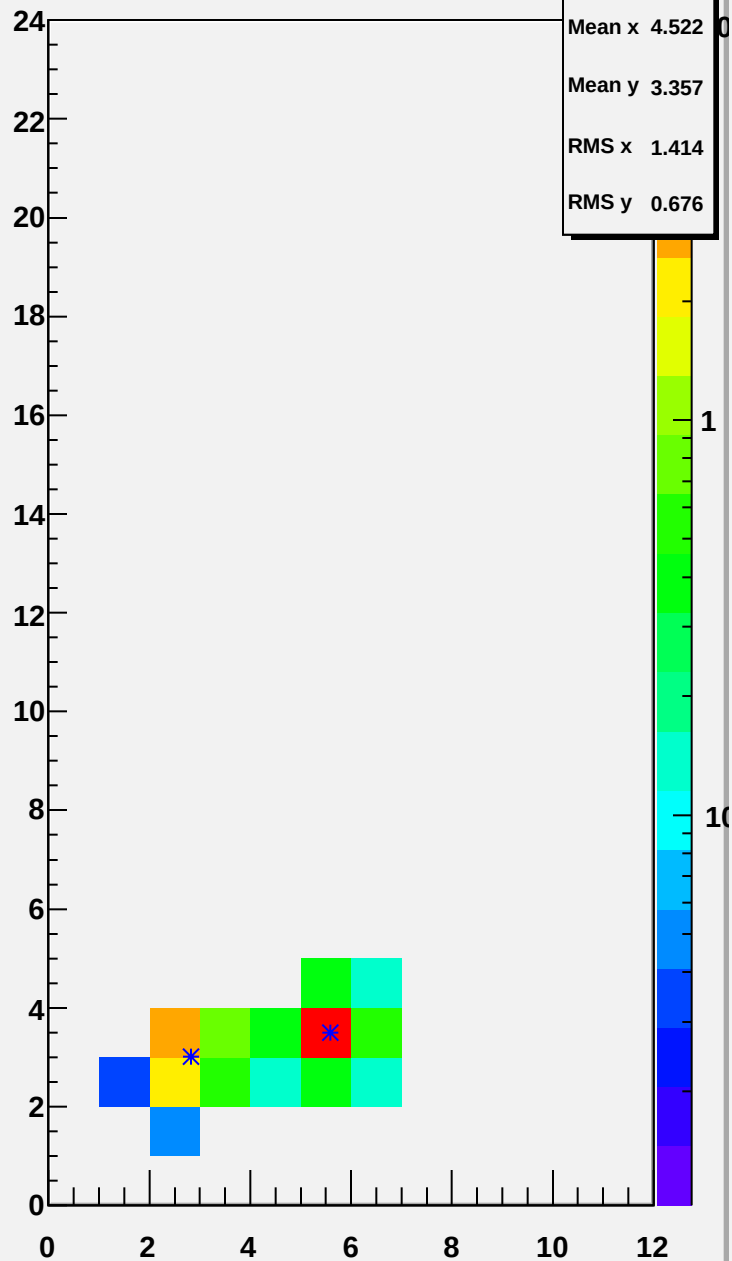
Efit

Entries	288
Mean x	3.198
Mean y	4.754
RMS x	0.5181
RMS y	1.287

NSTB3_r4_c3_En=18.4_m0=0.147 m1=0.147 index=2313



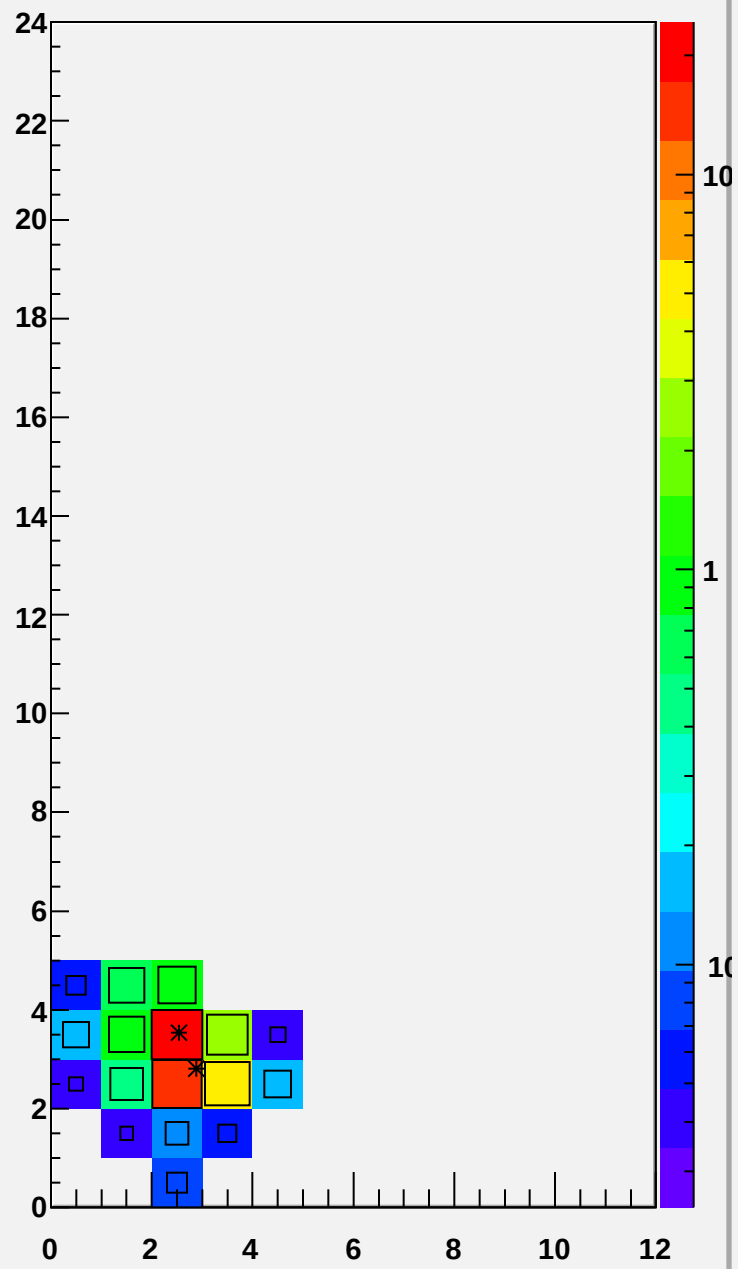
Fitted Energies



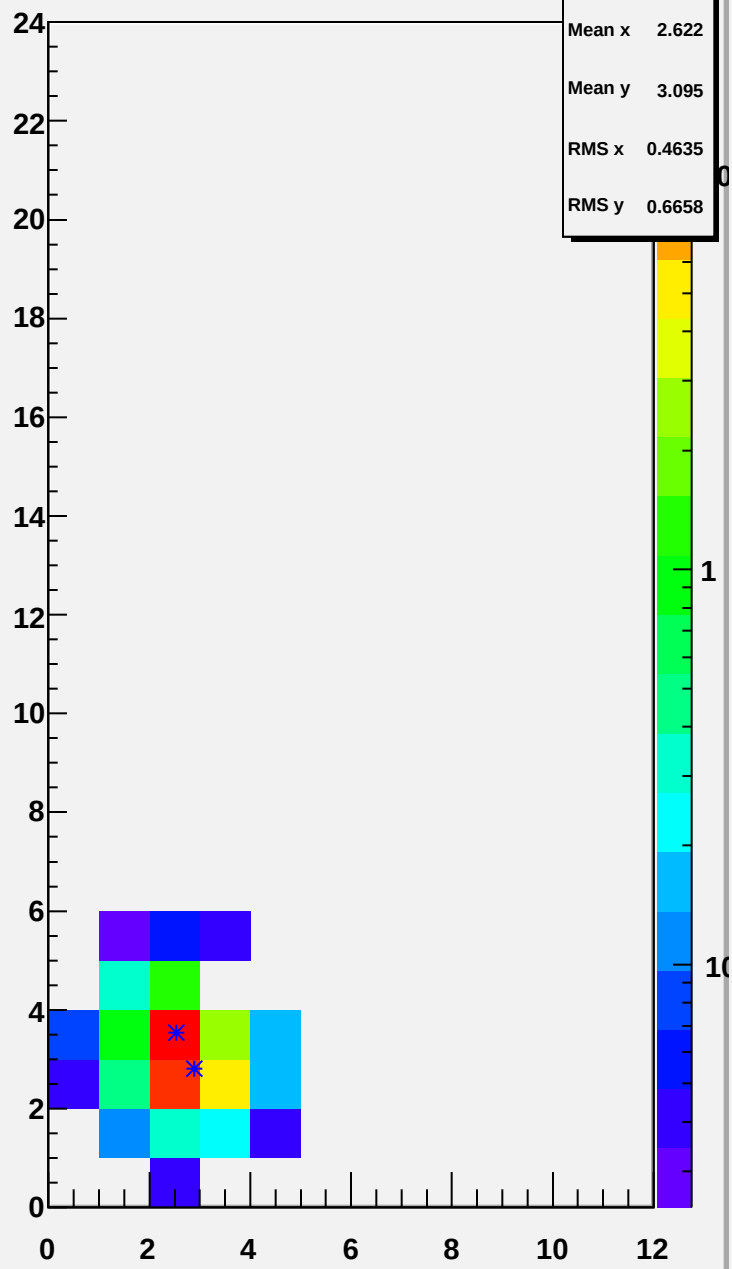
Efit

Entries 288
Mean x 4.522
Mean y 3.357
RMS x 1.414
RMS y 0.676

NSTB3_r4_c3_En=51.8_m0=0.115 m1=0.115 index=2314



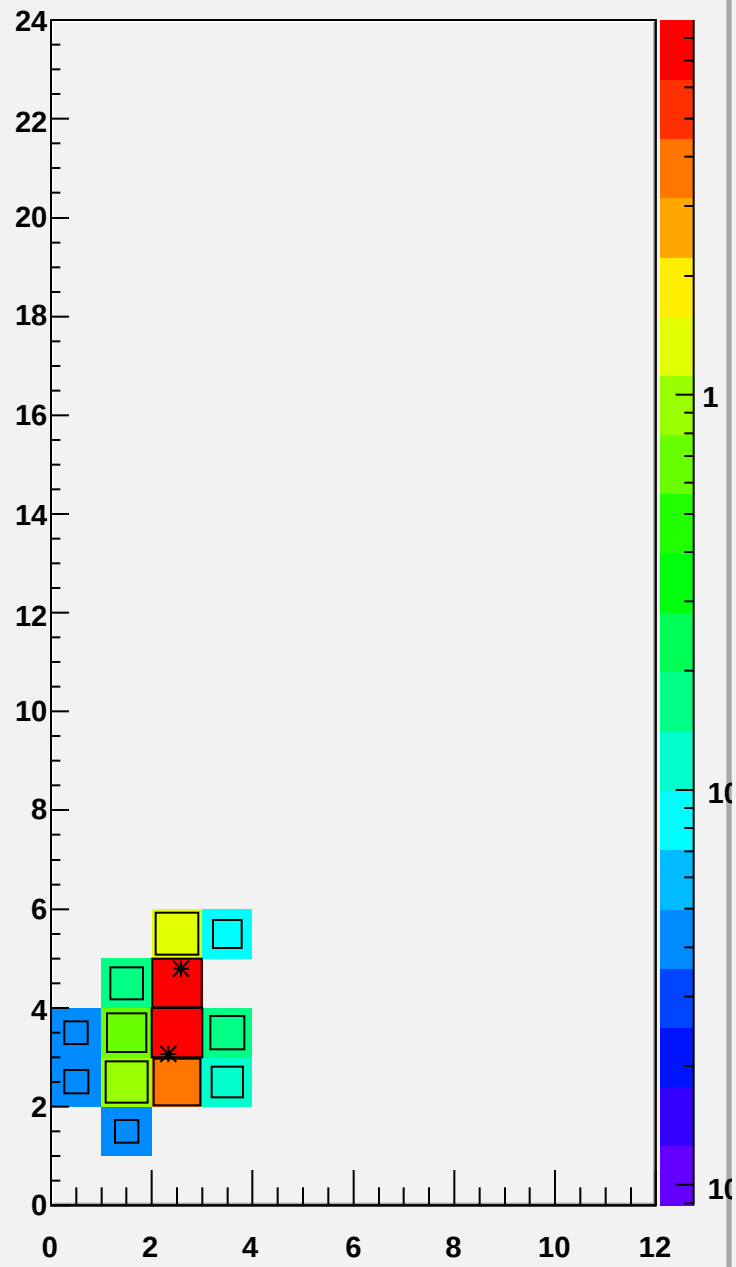
Fitted Energies



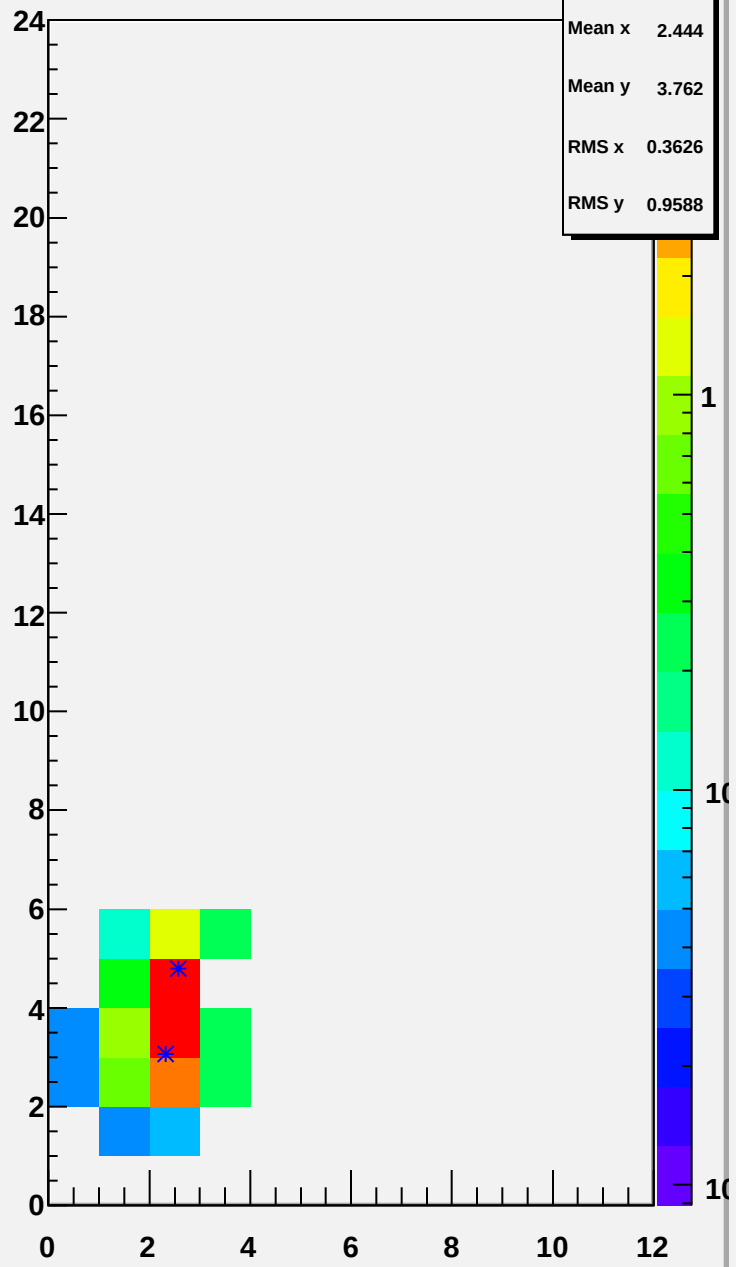
Efit

Entries	288
Mean x	2.622
Mean y	3.095
RMS x	0.4635
RMS y	0.6658

NSTB3_r4_c3_En=23.6_m0=0.116 m1=0.116 index=2315



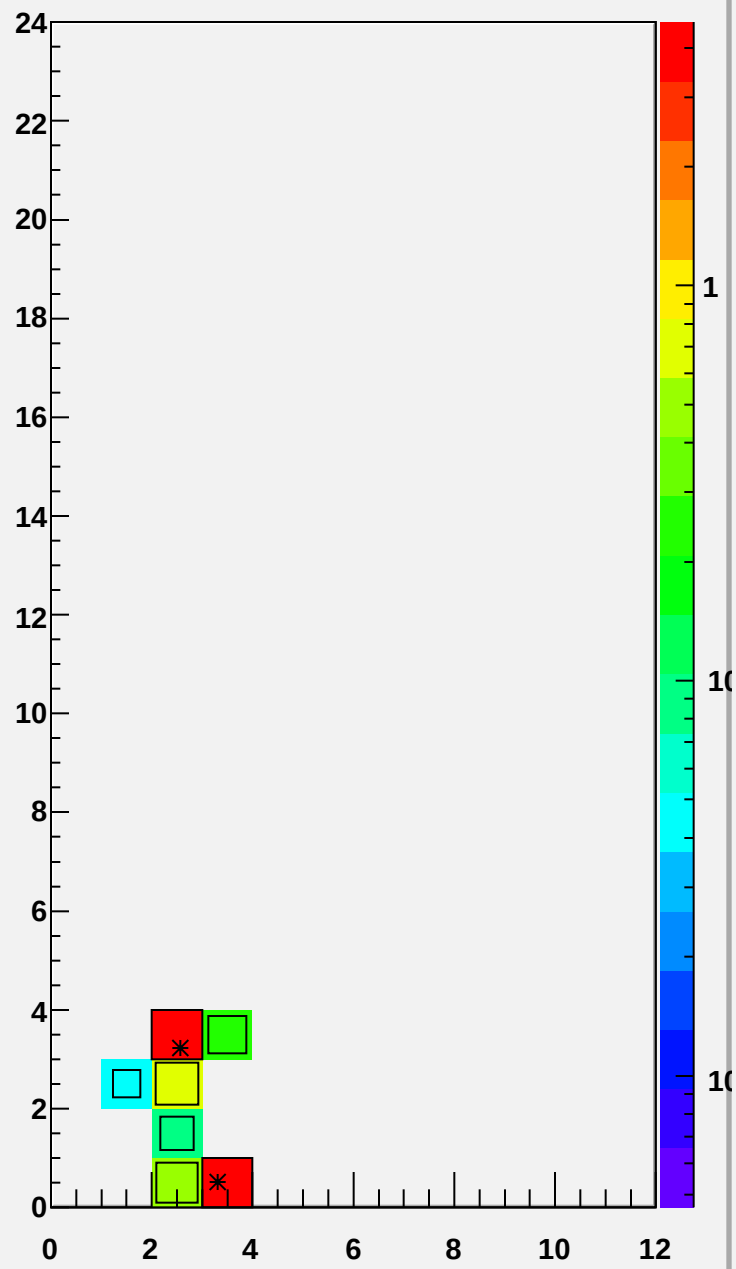
Fitted Energies



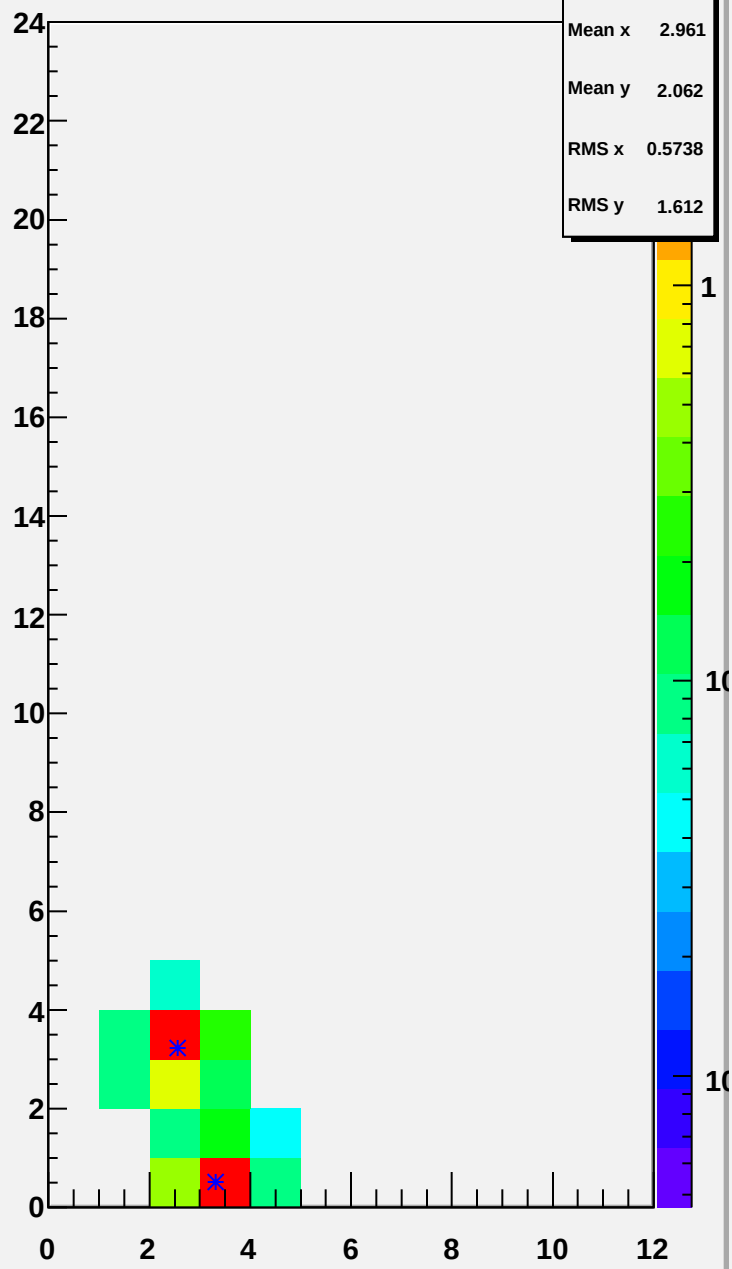
Efit

Entries	288
Mean x	2.444
Mean y	3.762
RMS x	0.3626
RMS y	0.9588

NSTB3_r4_c3_En=10.8_m0=0.092 m1=0.092 index=2316



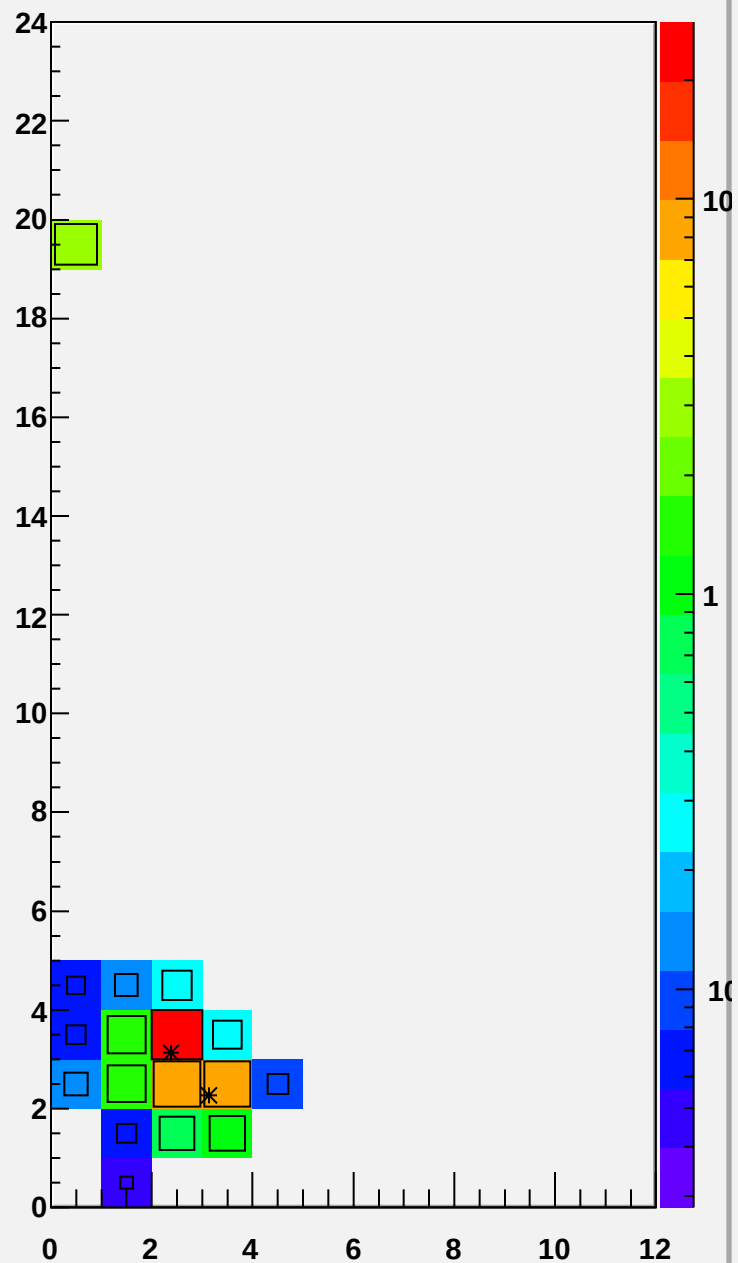
Fitted Energies



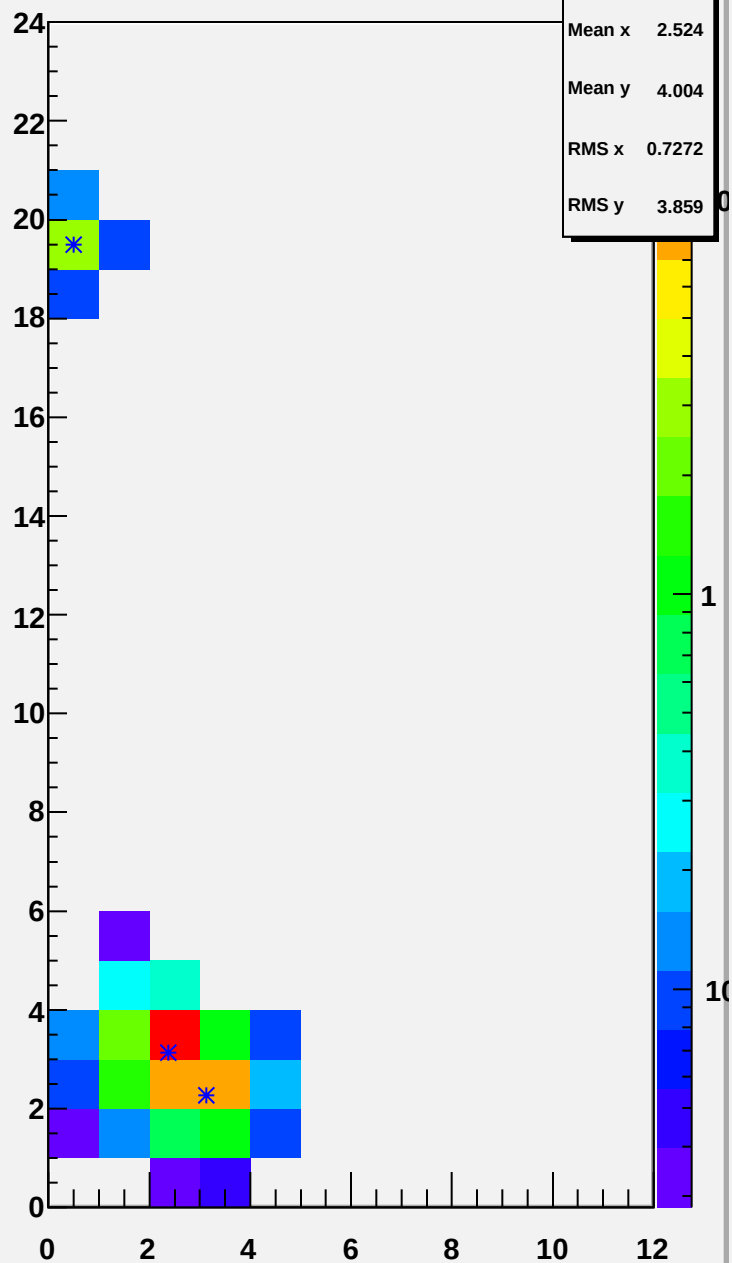
Efit

Entries	288
Mean x	2.961
Mean y	2.062
RMS x	0.5738
RMS y	1.612

NSTB3_r4_c3_En=55.5_m0=0.142 m1=0.142 index=2317



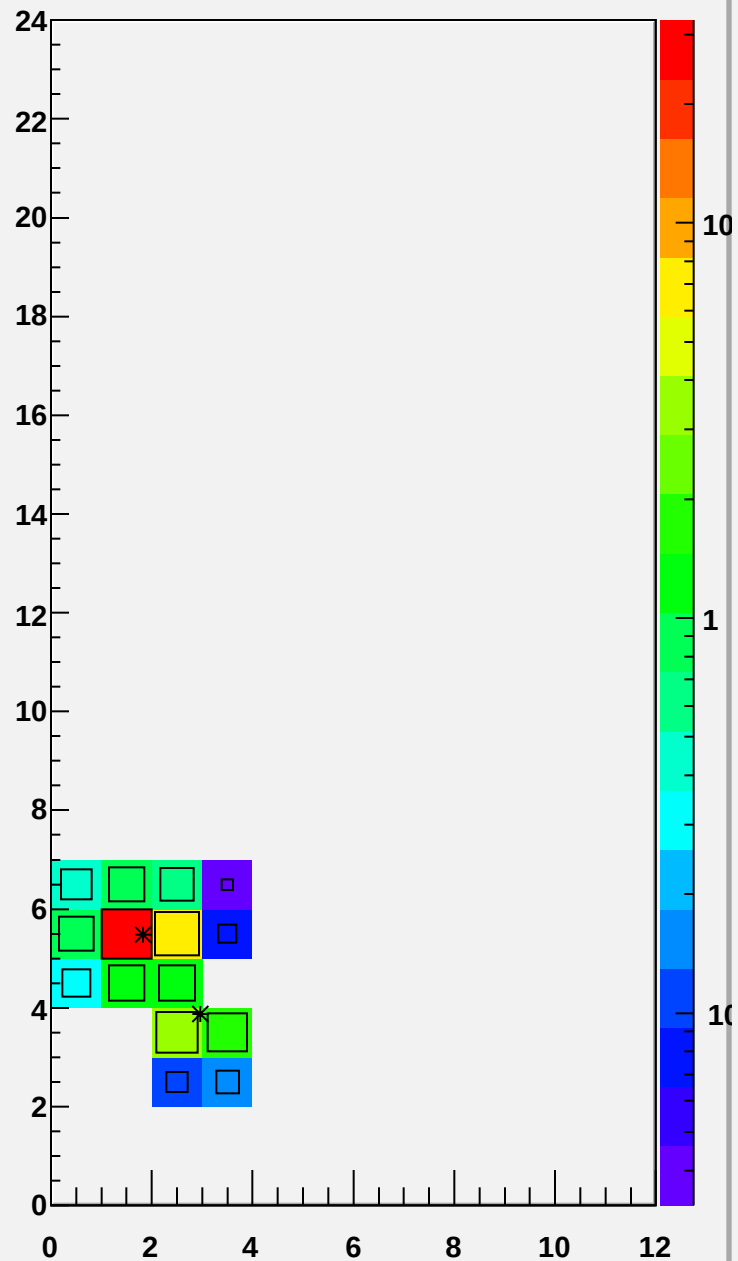
Fitted Energies



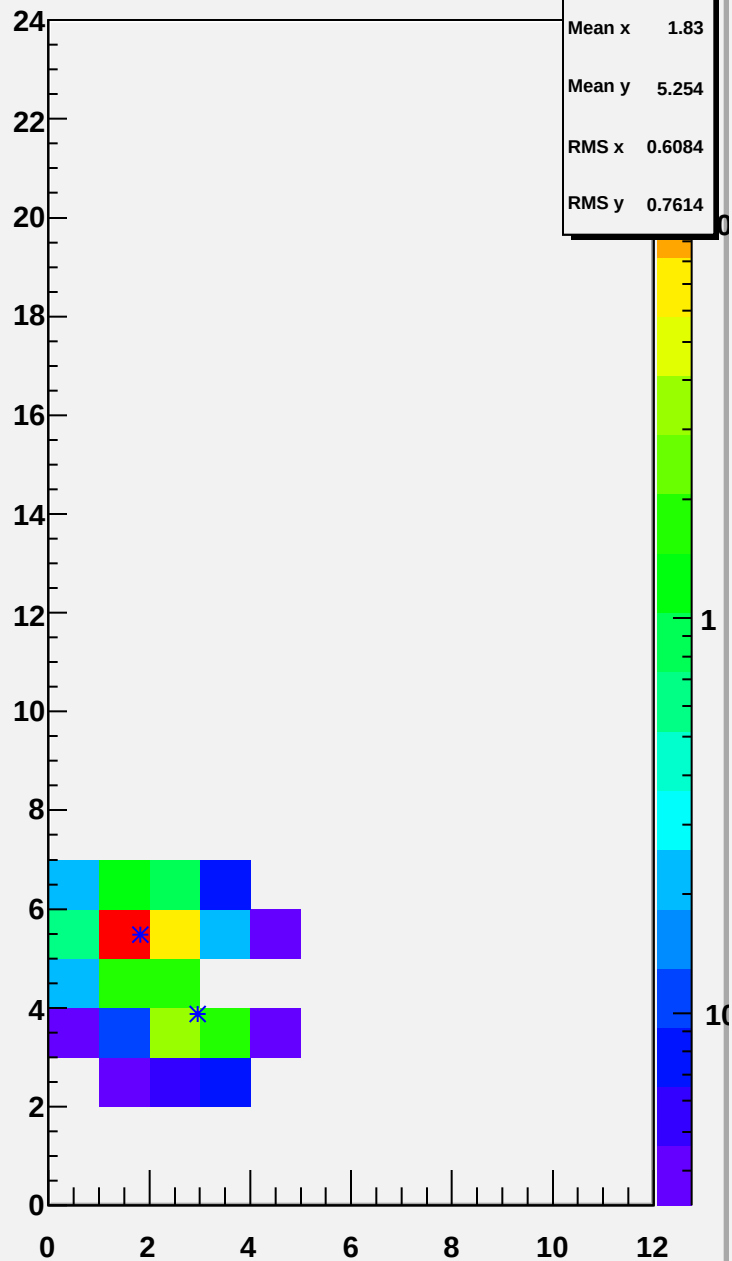
Efit

Entries	288
Mean x	2.524
Mean y	4.004
RMS x	0.7272
RMS y	3.859

NSTB3_r4_c3_En=50.6_m0=0.197 m1=0.198 index=2318



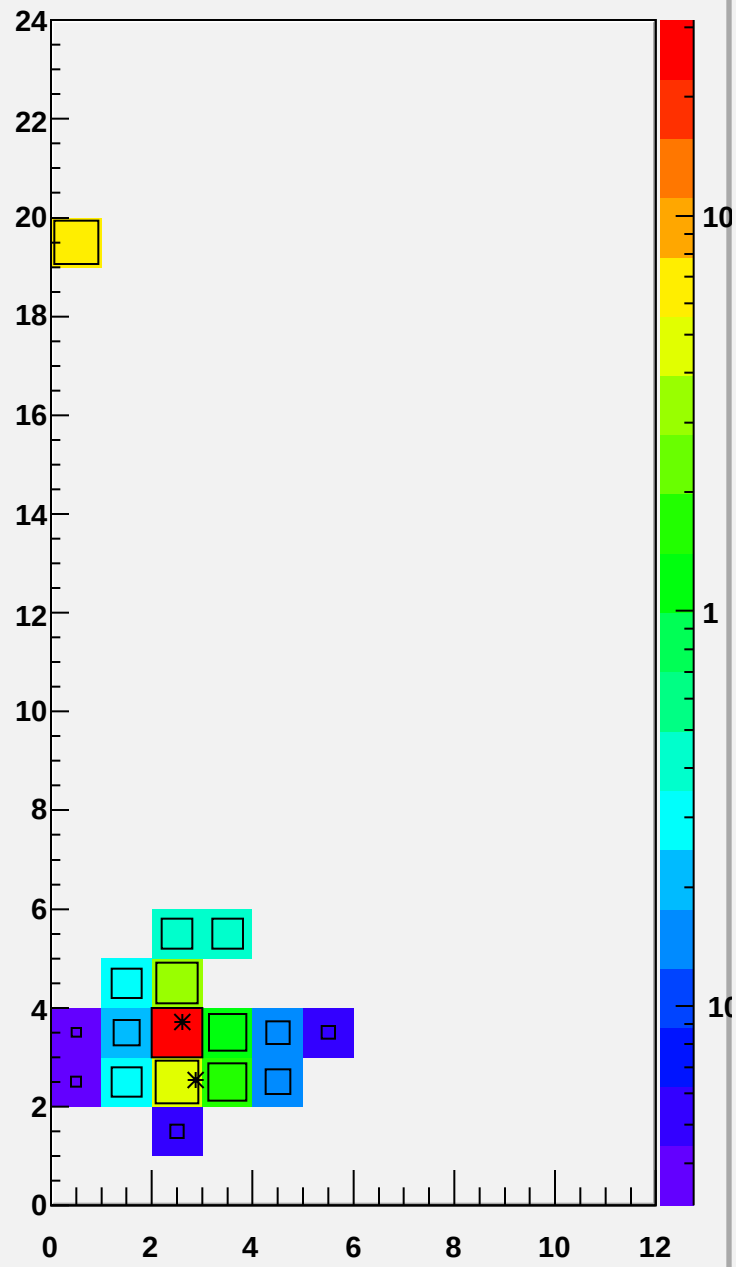
Fitted Energies



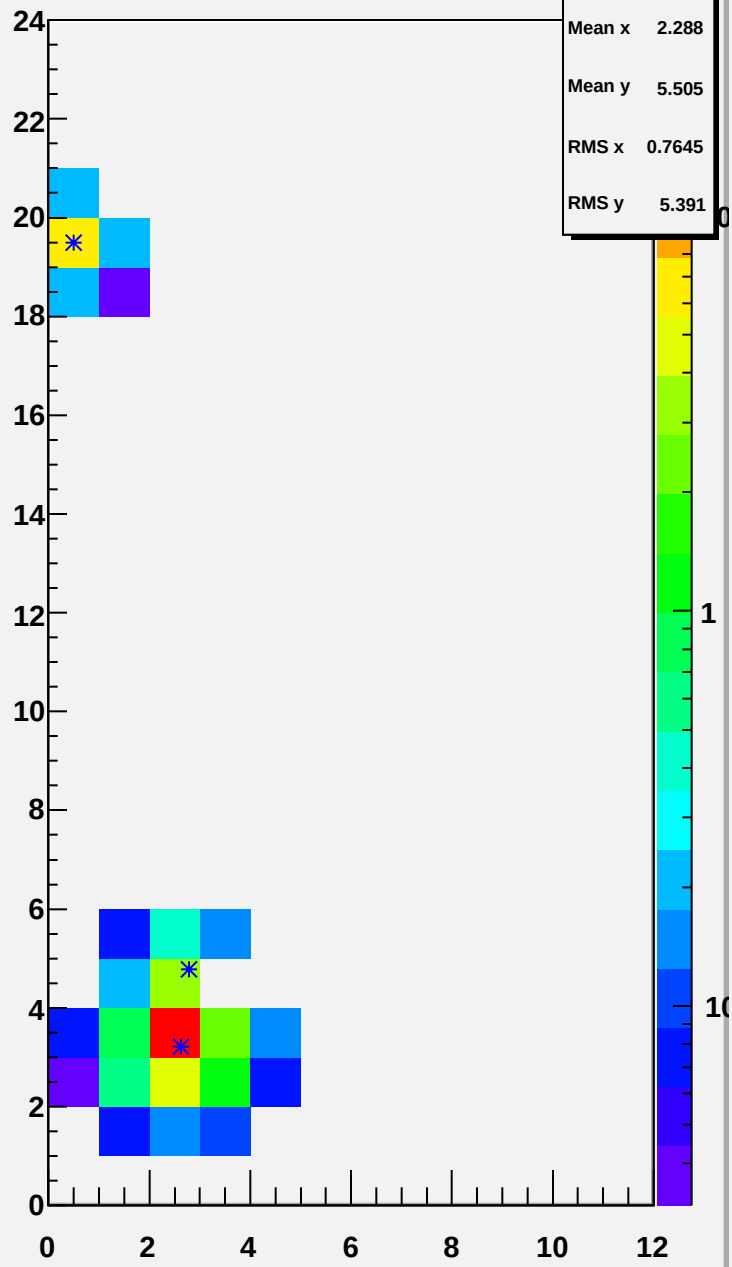
Efit

Entries	288
Mean x	1.83
Mean y	5.254
RMS x	0.6084
RMS y	0.7614

NSTB3_r4_c3_En=50.7_m0=0.100 m1=-0.000 index=2319



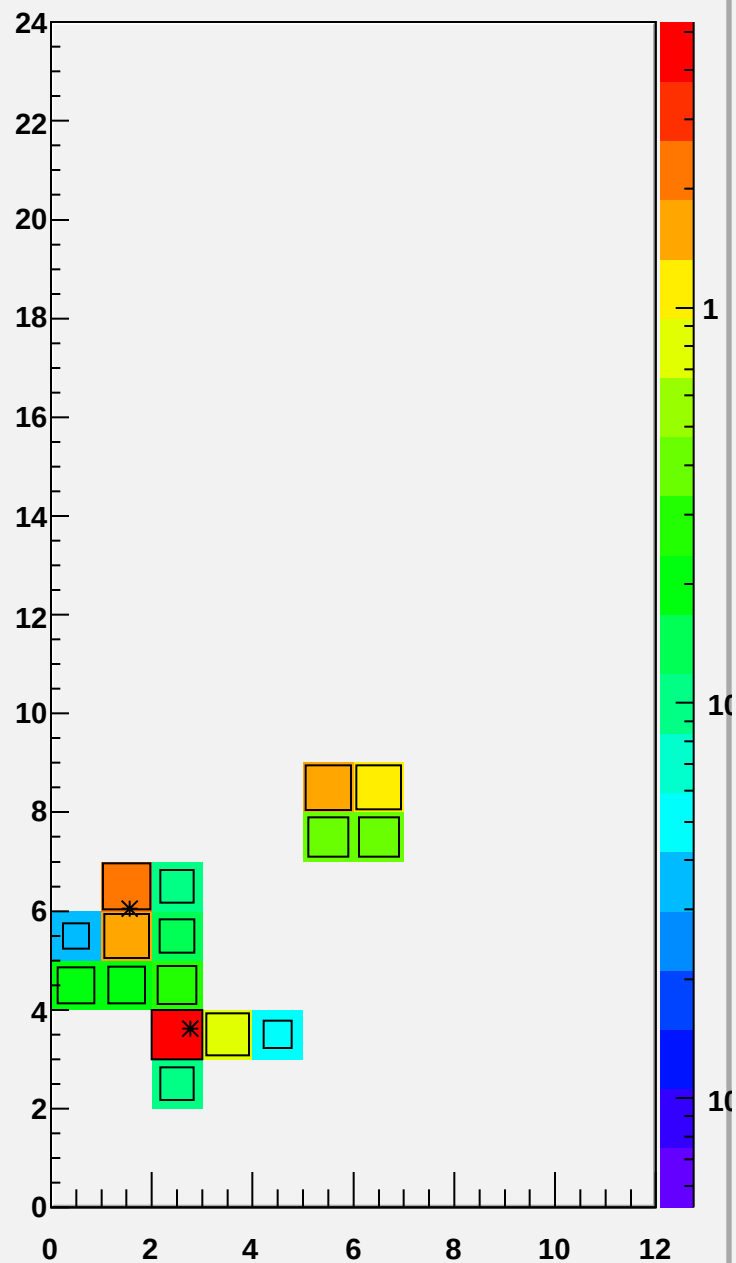
Fitted Energies



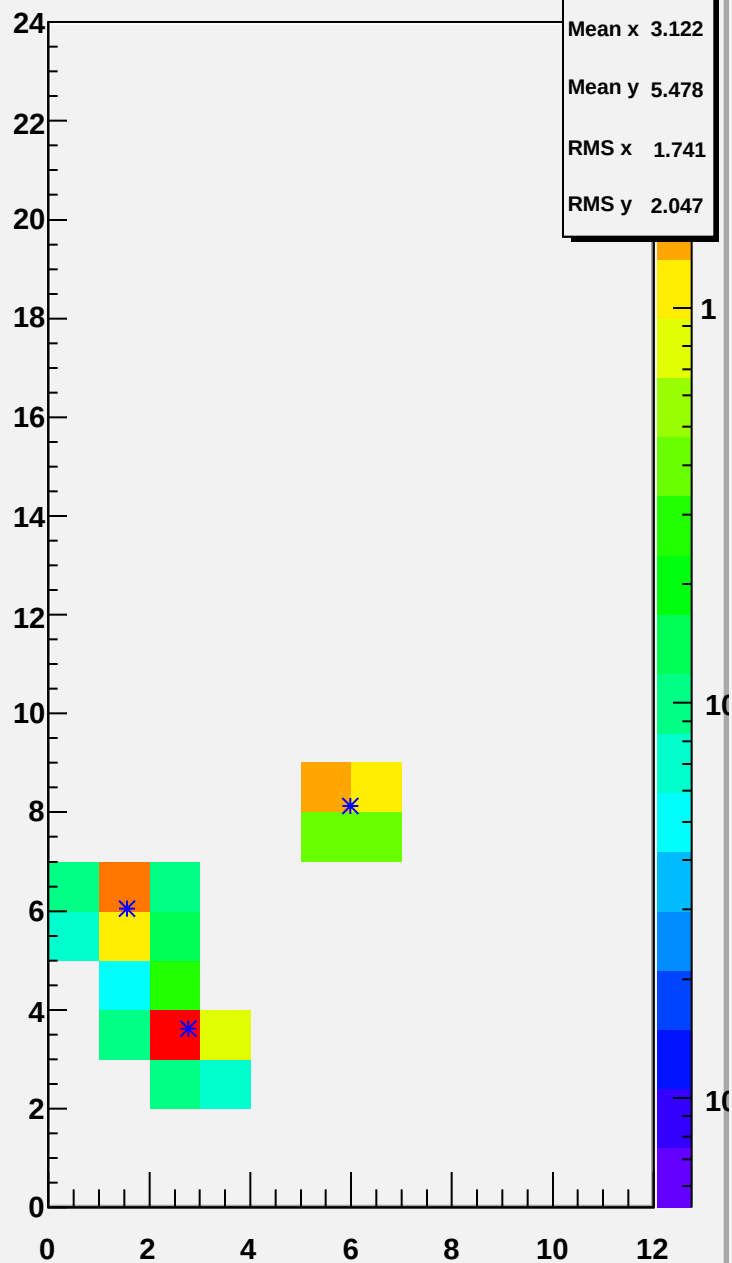
Efit

Entries	288
Mean x	2.288
Mean y	5.505
RMS x	0.7645
RMS y	5.391

NSTB3_r4_c3_En=14.6_m0=0.083 m1=0.083 index=2320



Fitted Energies



Efit

Entries 288

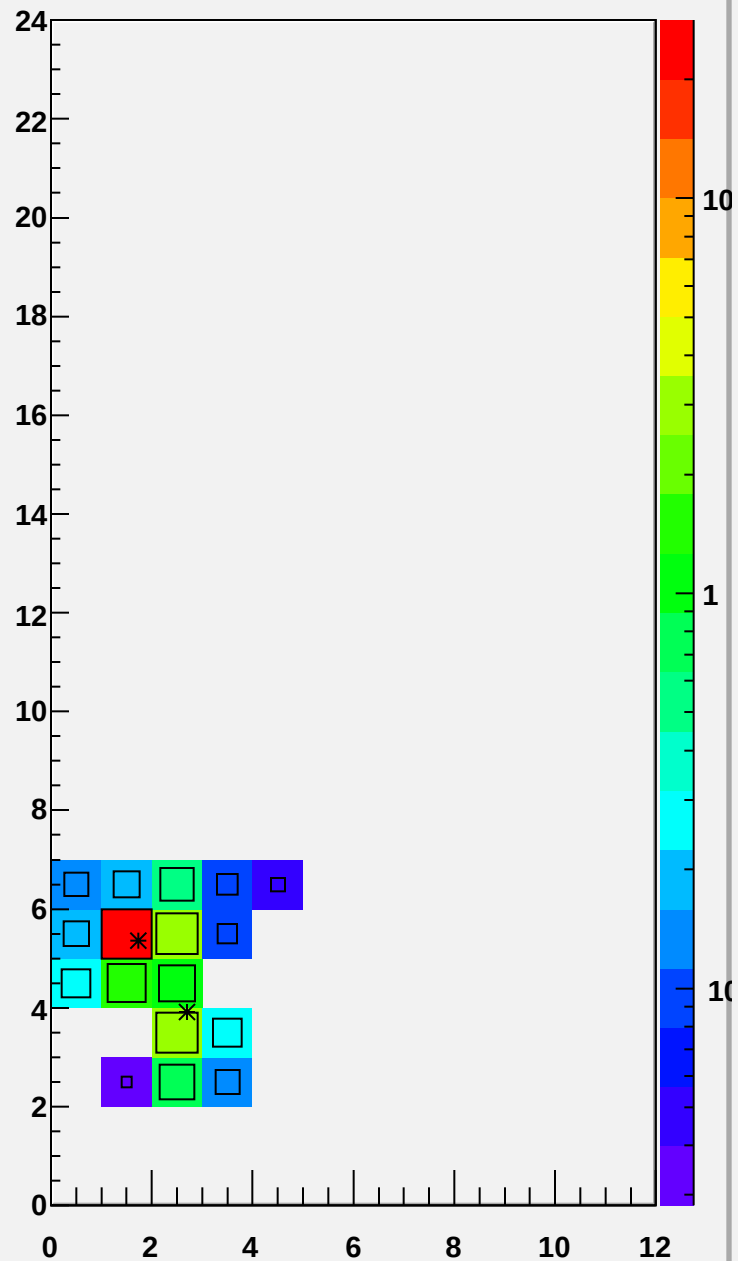
Mean x 3.122

Mean y 5.478

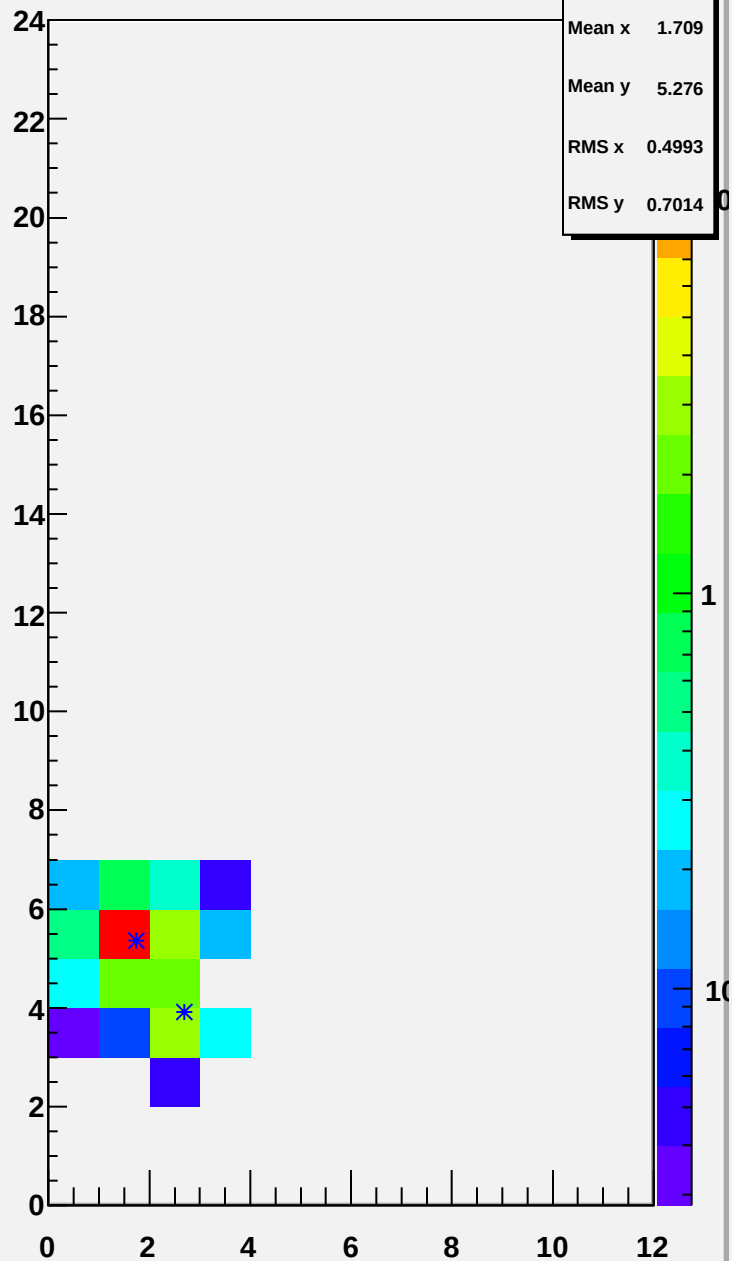
RMS x 1.741

RMS y 2.047

NSTB3_r4_c3_En=39.6_m0=0.124 m1=0.124 index=2322



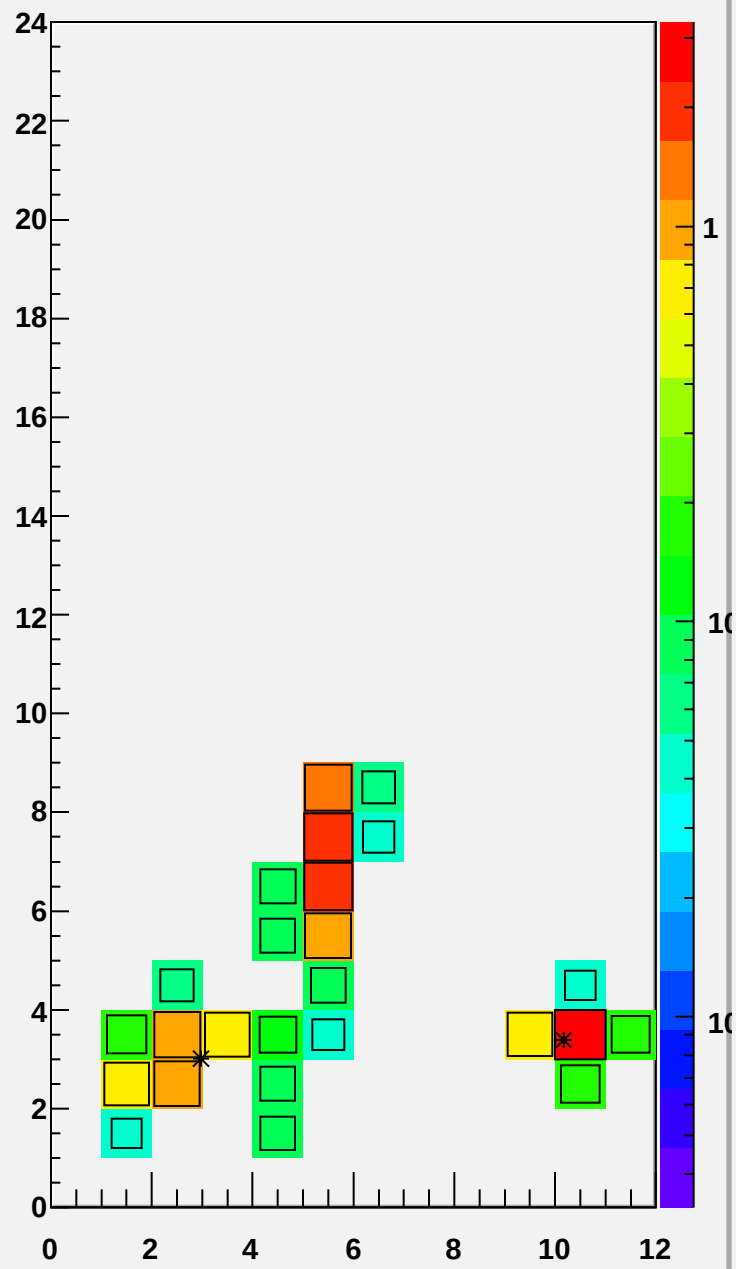
Fitted Energies



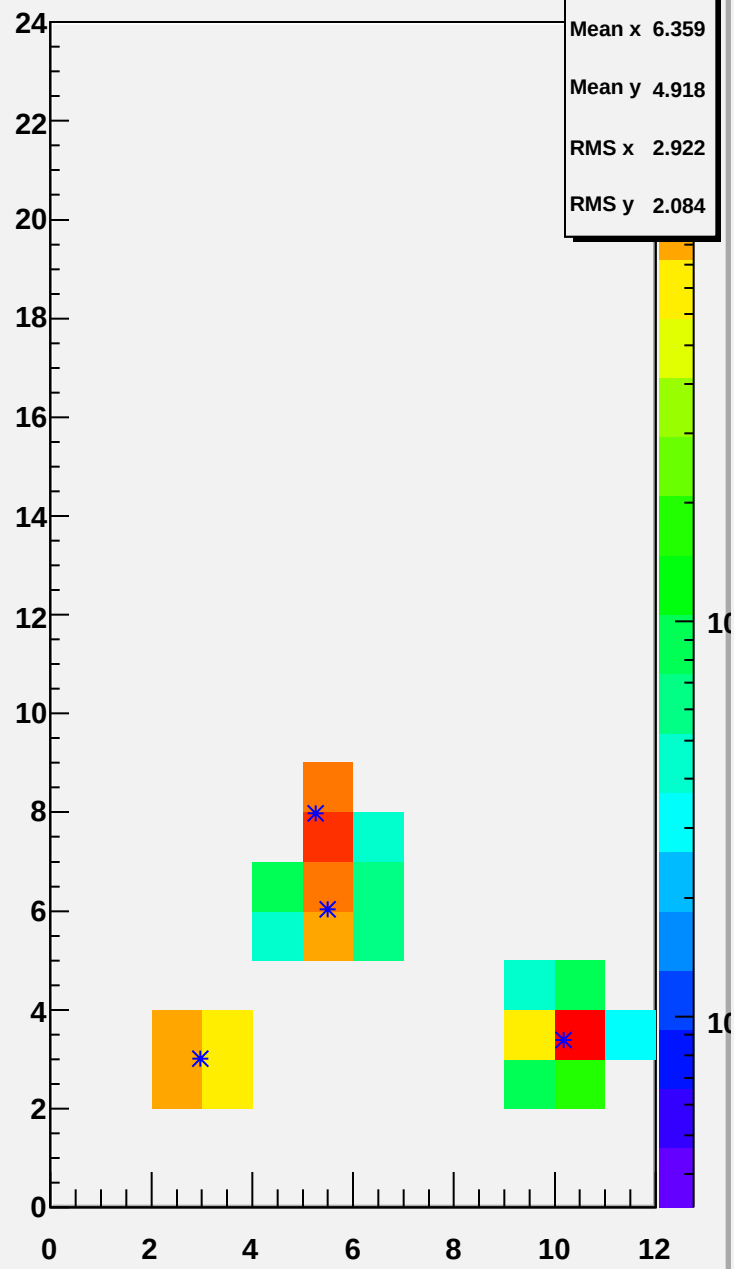
Efit

Entries	288
Mean x	1.709
Mean y	5.276
RMS x	0.4993
RMS y	0.7014

NSTB3_r4_c3_En=14.5_m0=0.165 m1=0.165 index=2323



Fitted Energies



Efit

Entries 288

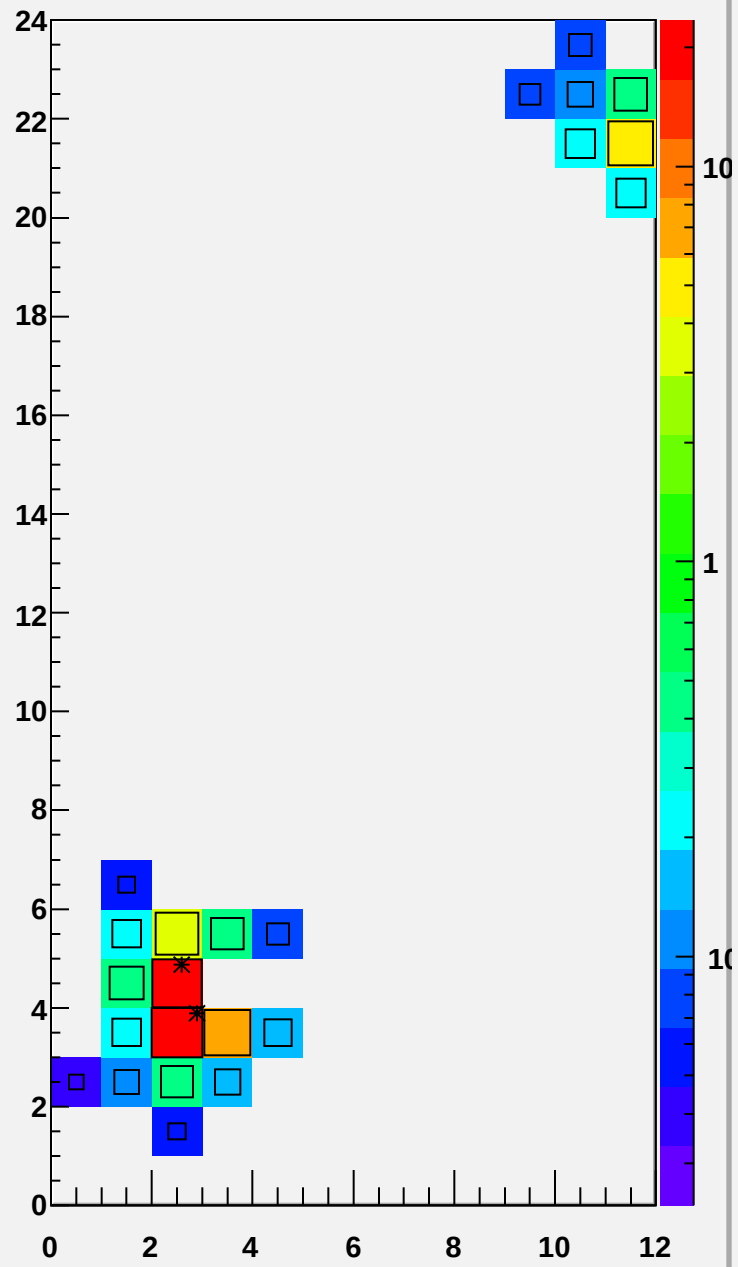
Mean x 6.359

Mean y 4.918

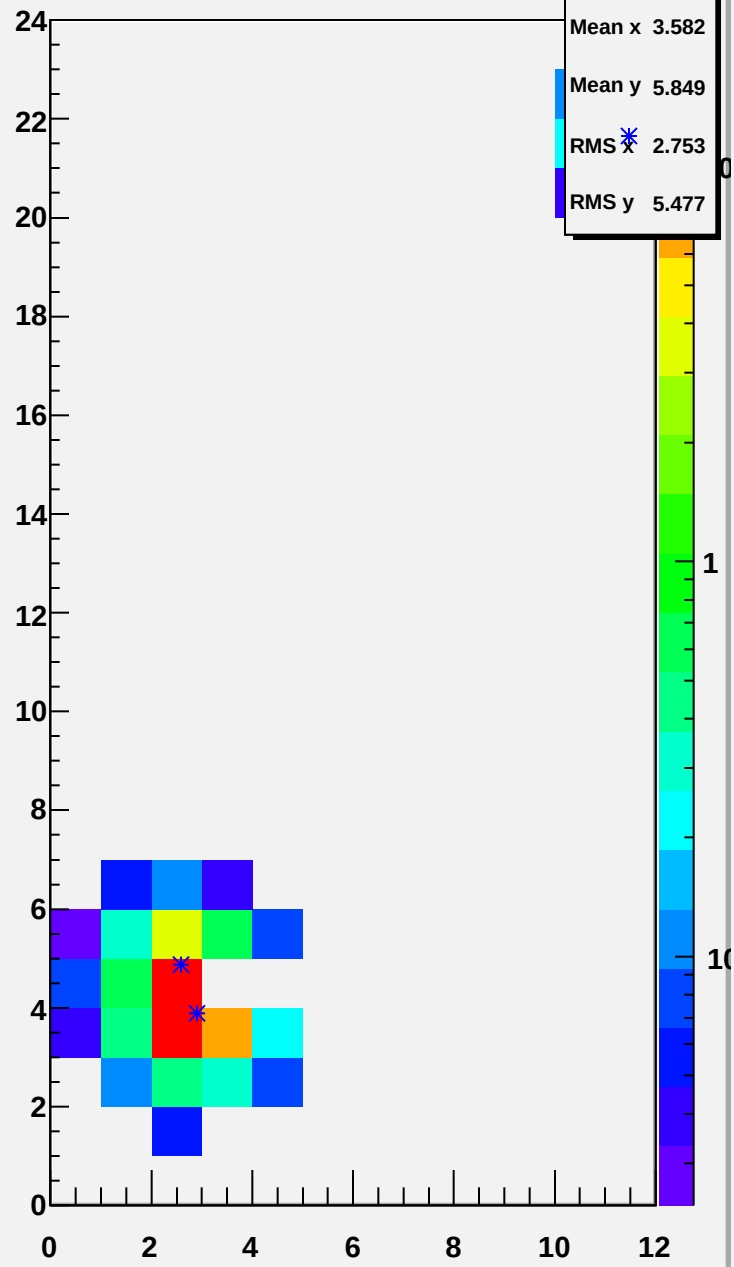
RMS x 2.922

RMS y 2.084

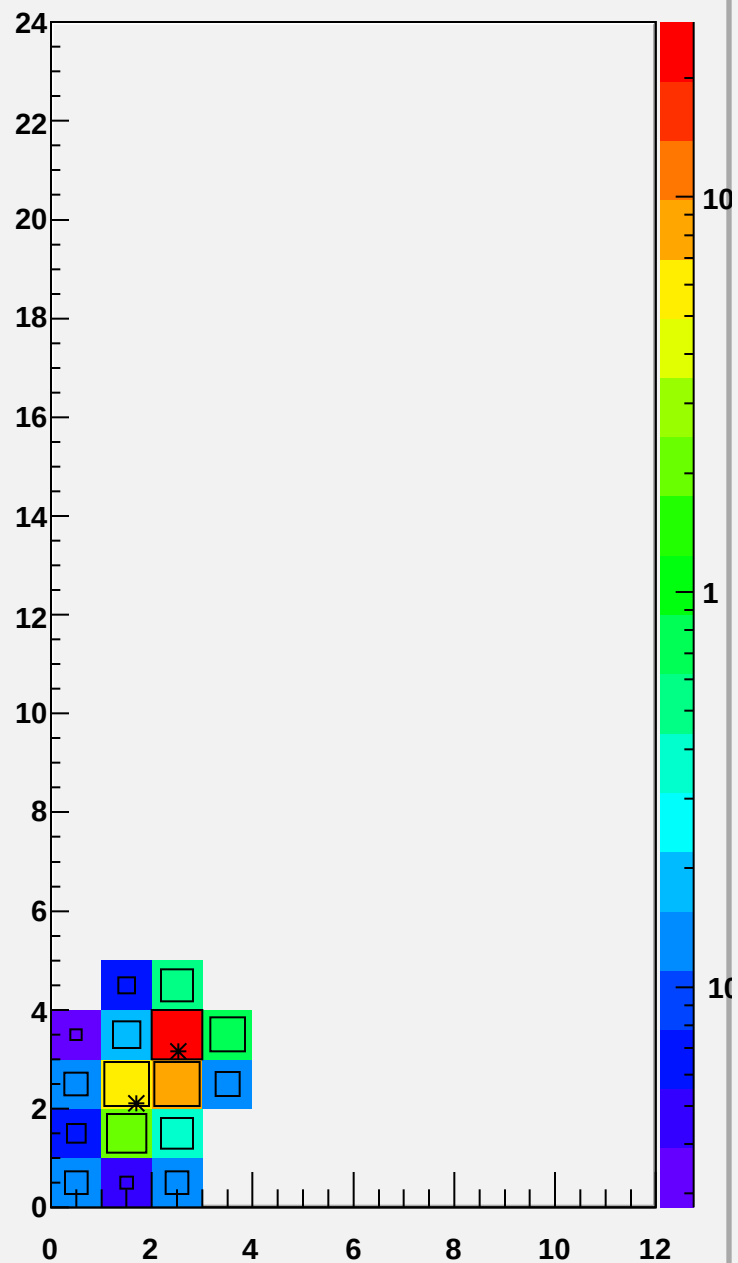
NSTB3_r4_c3_En=60.3_m0=0.145 m1=0.145 index=2325



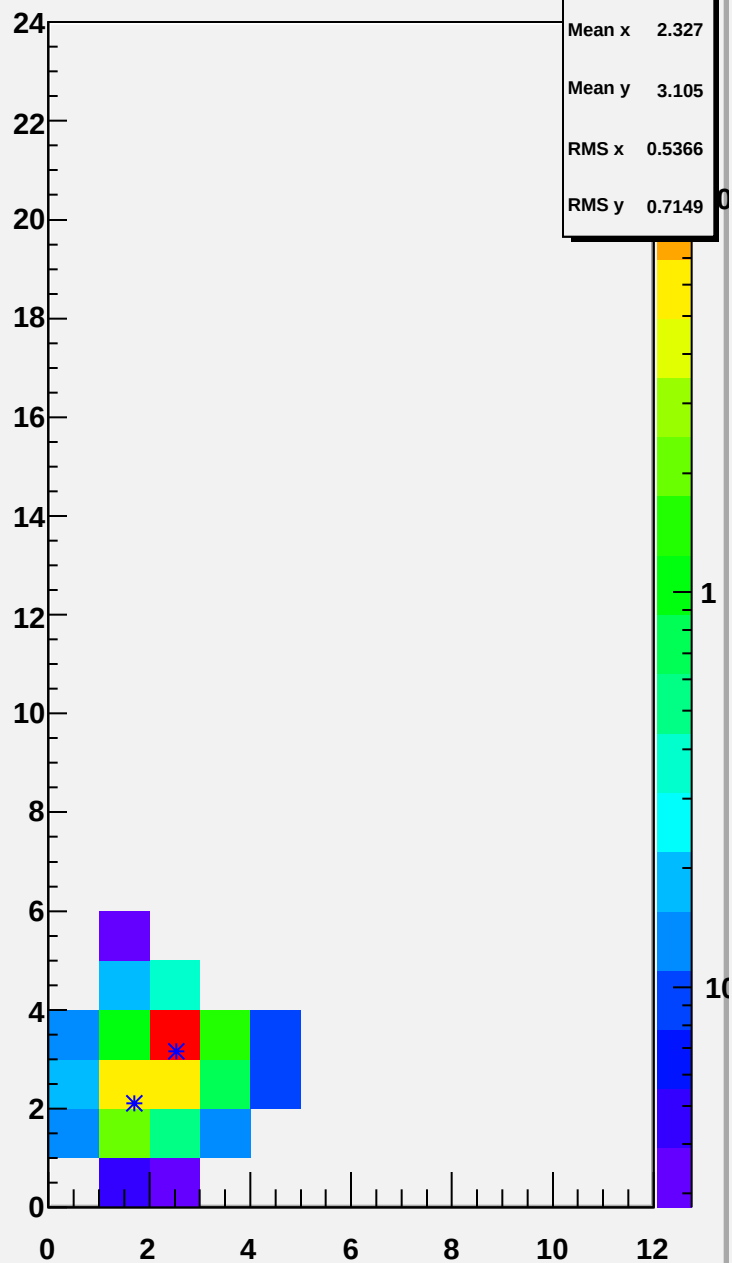
Fitted Energies



NSTB3_r4_c3_En=45.9_m0=0.137 m1=0.136 index=2327



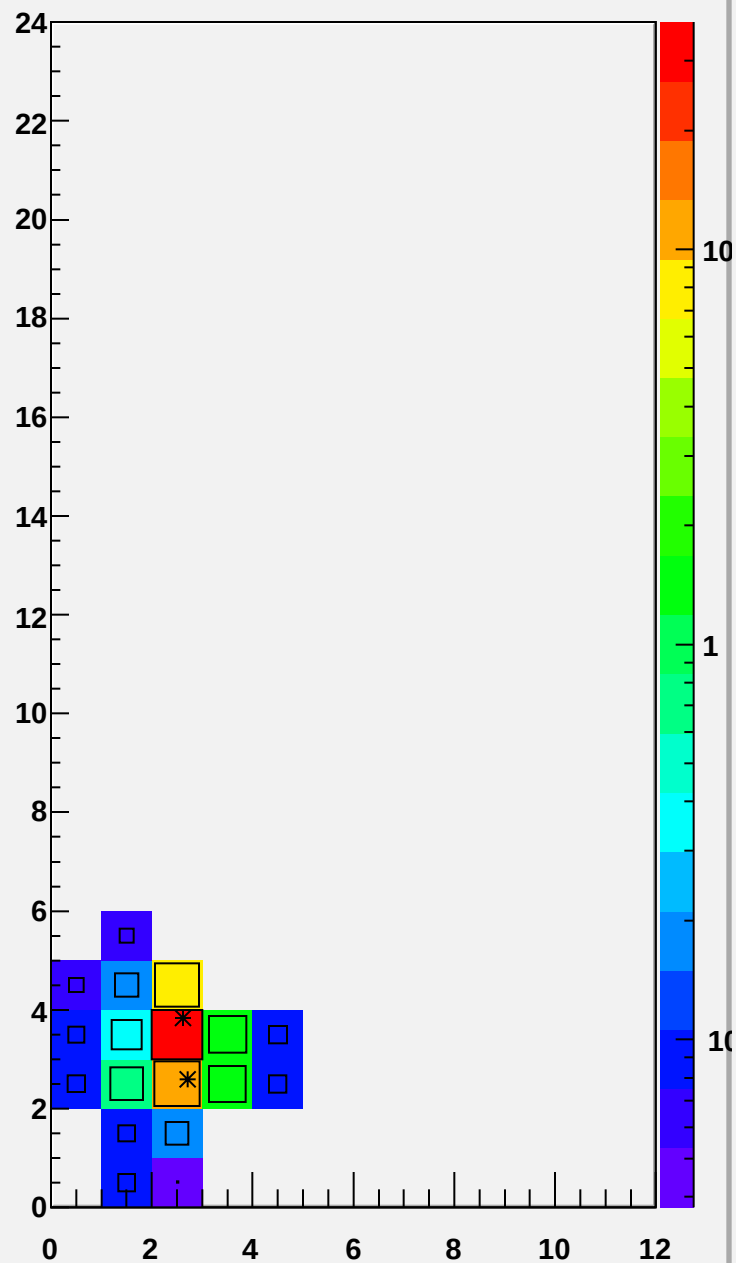
Fitted Energies



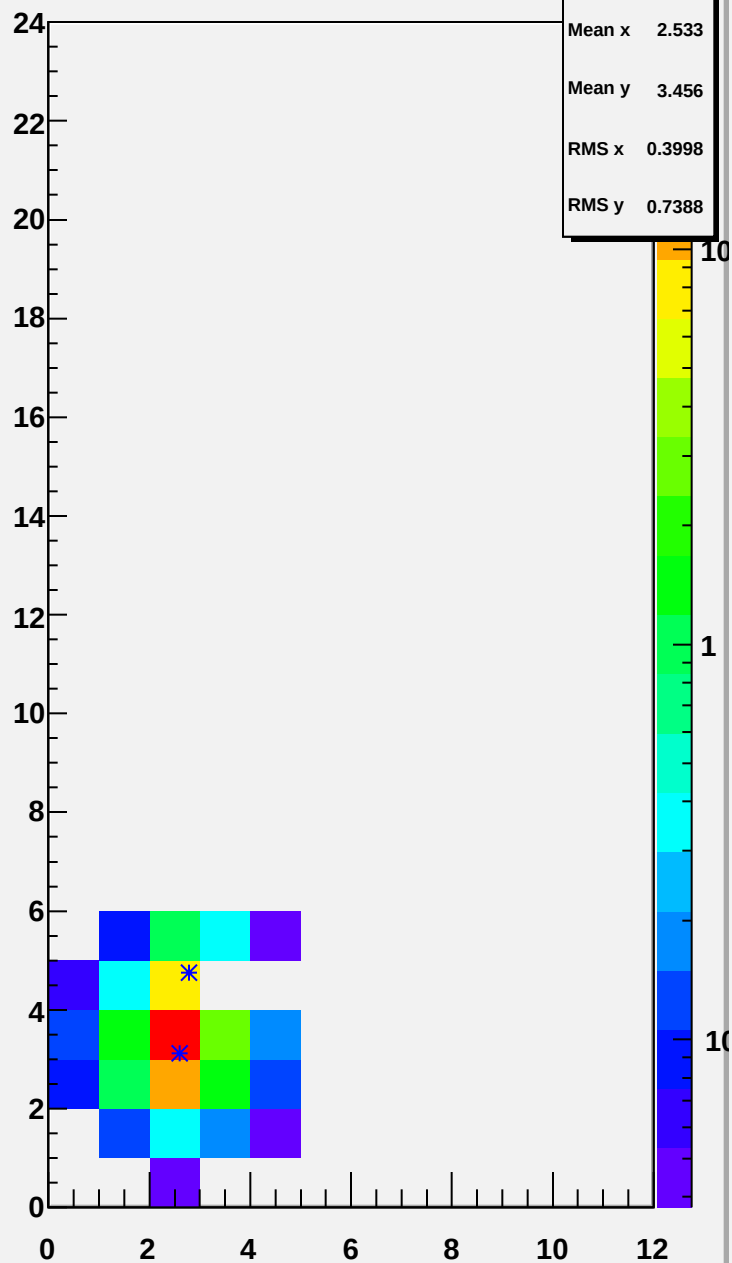
Efit

Entries	288
Mean x	2.327
Mean y	3.105
RMS x	0.5366
RMS y	0.7149

NSTB3_r4_c3_En=61.8_m0=0.175 m1=0.000 index=2328



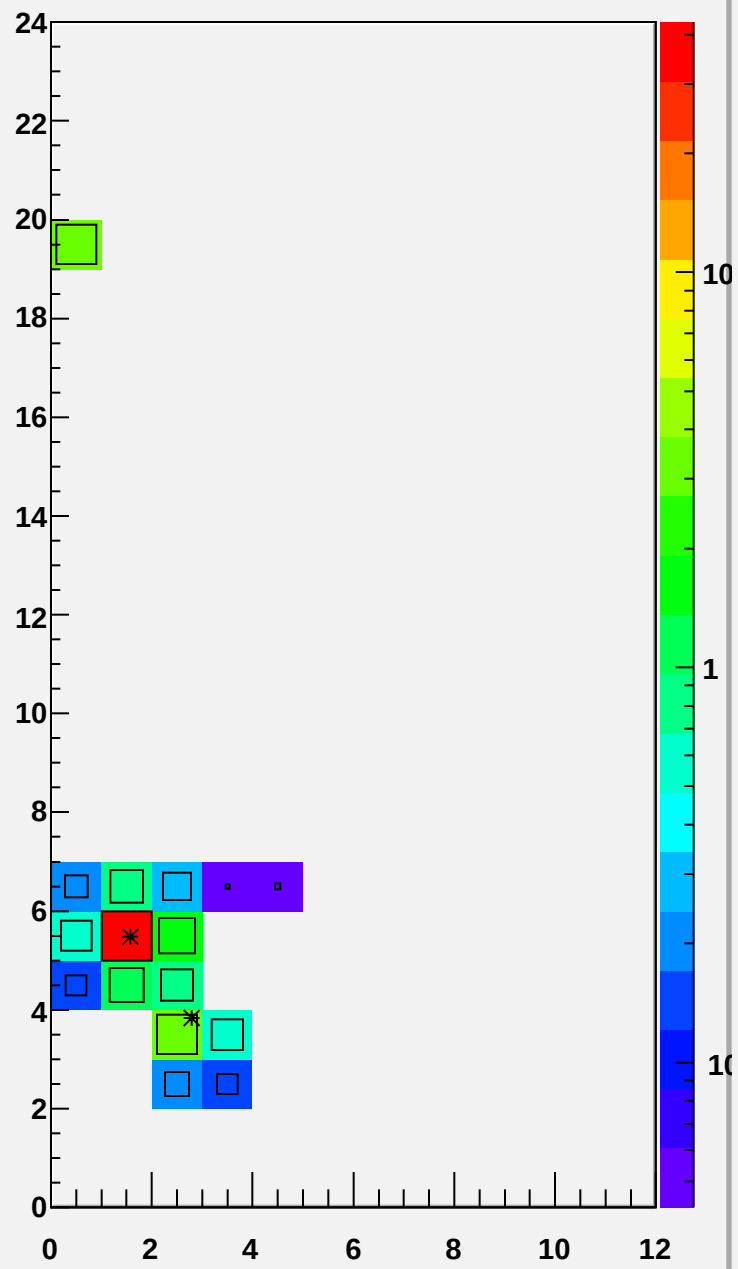
Fitted Energies



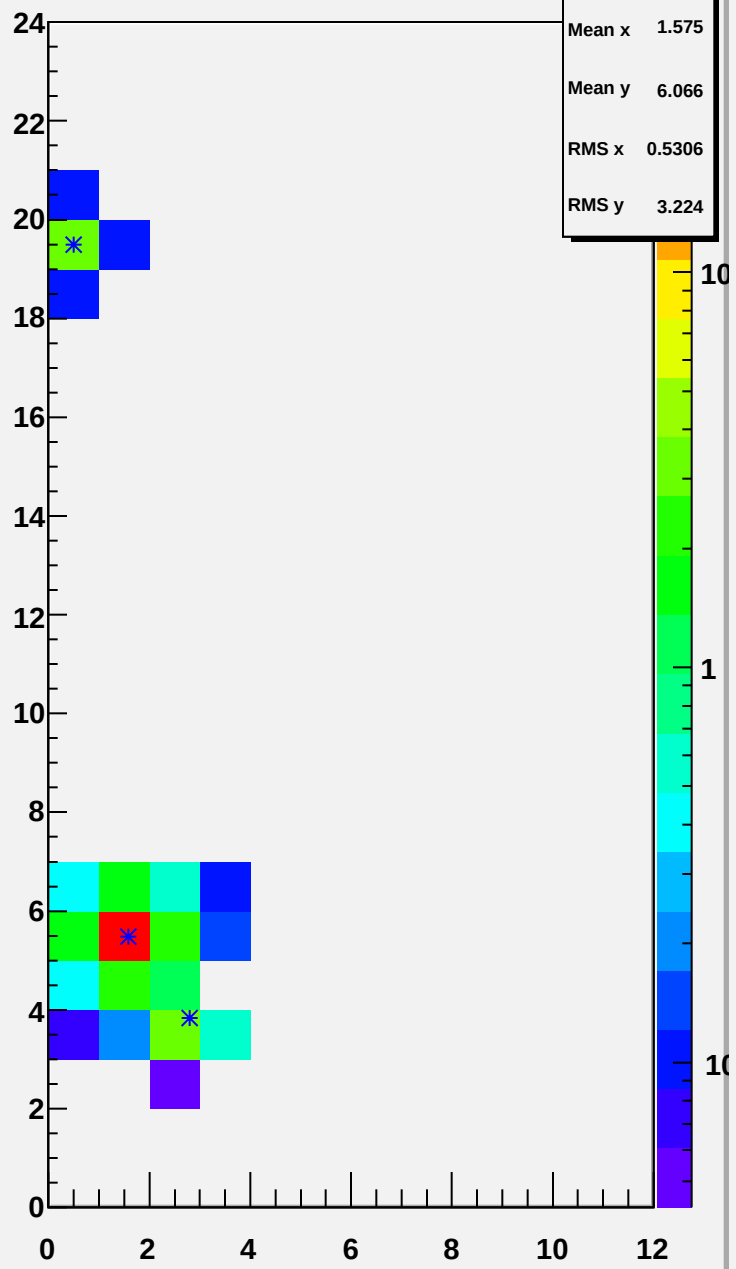
Efit

Entries	288
Mean x	2.533
Mean y	3.456
RMS x	0.3998
RMS y	0.7388

NSTB3_r4_c3_En=56.4_m0=0.190 m1=0.190 index=2329



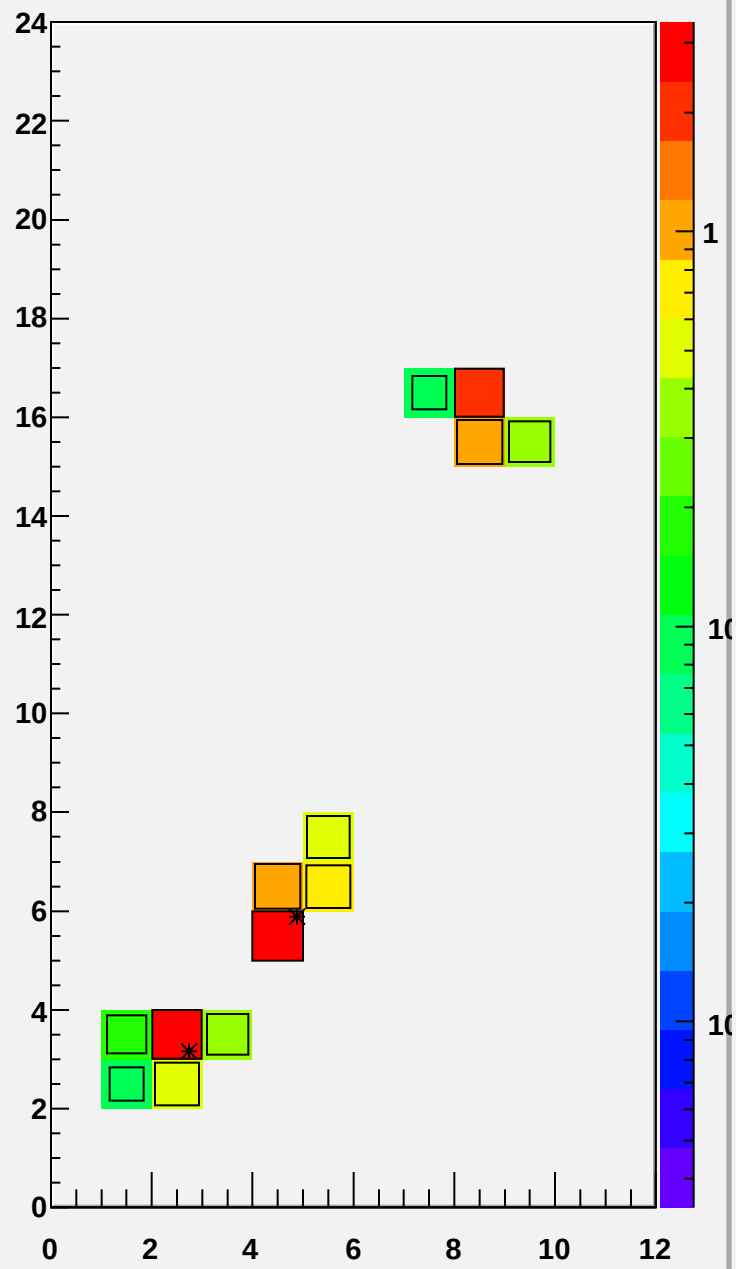
Fitted Energies



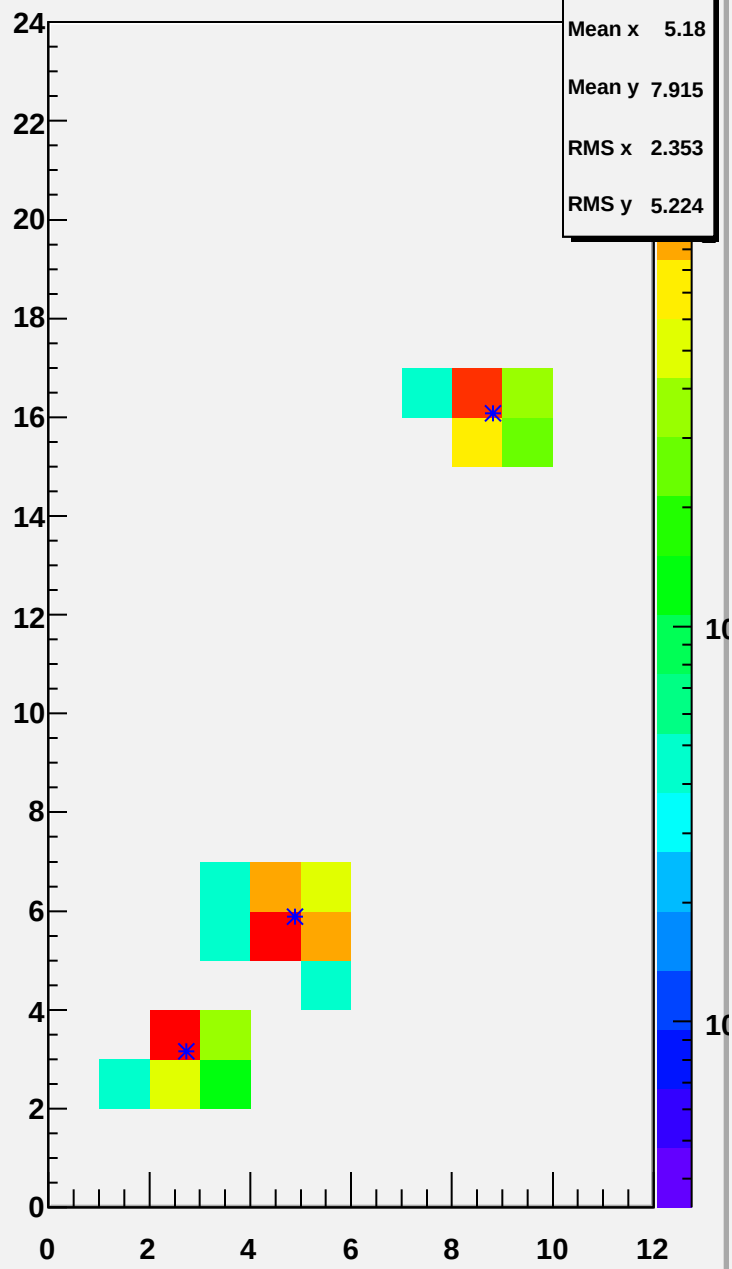
Efit

Entries	288
Mean x	1.575
Mean y	6.066
RMS x	0.5306
RMS y	3.224

NSTB3_r4_c3_En=13.0_m0=0.095_m1=0.095_index=2330



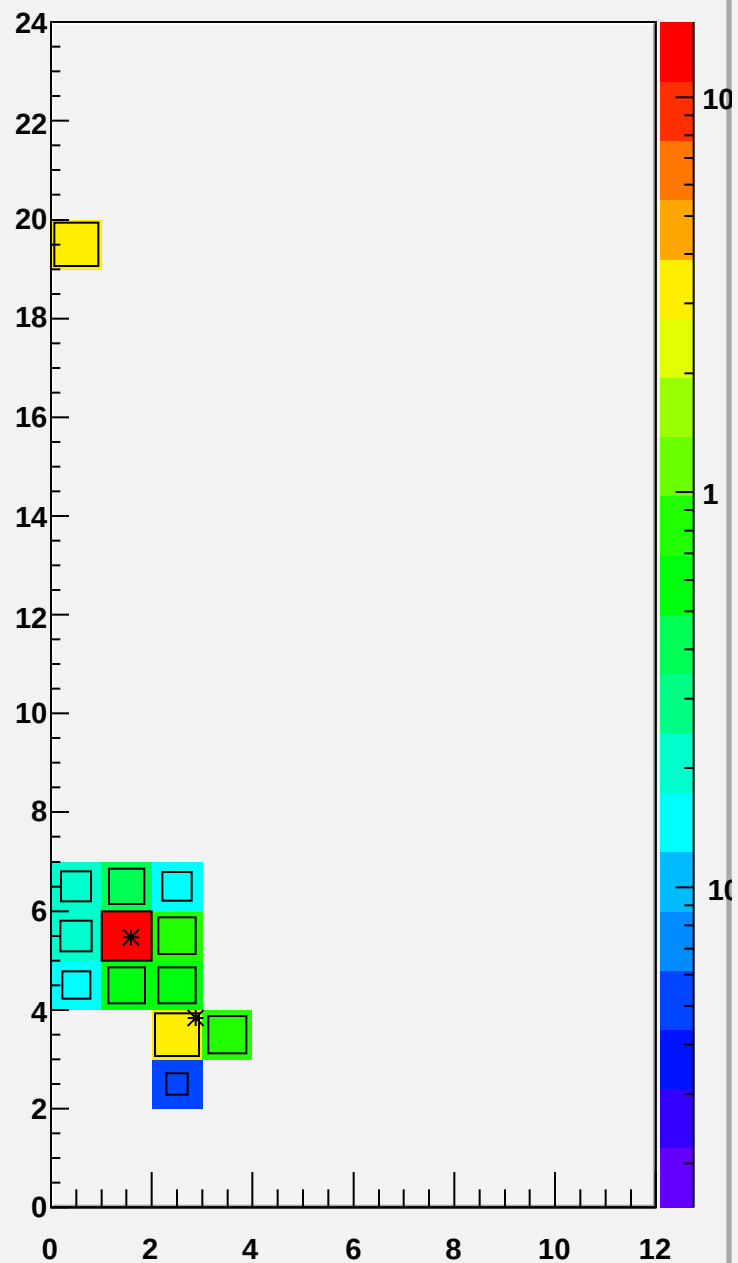
Fitted Energies



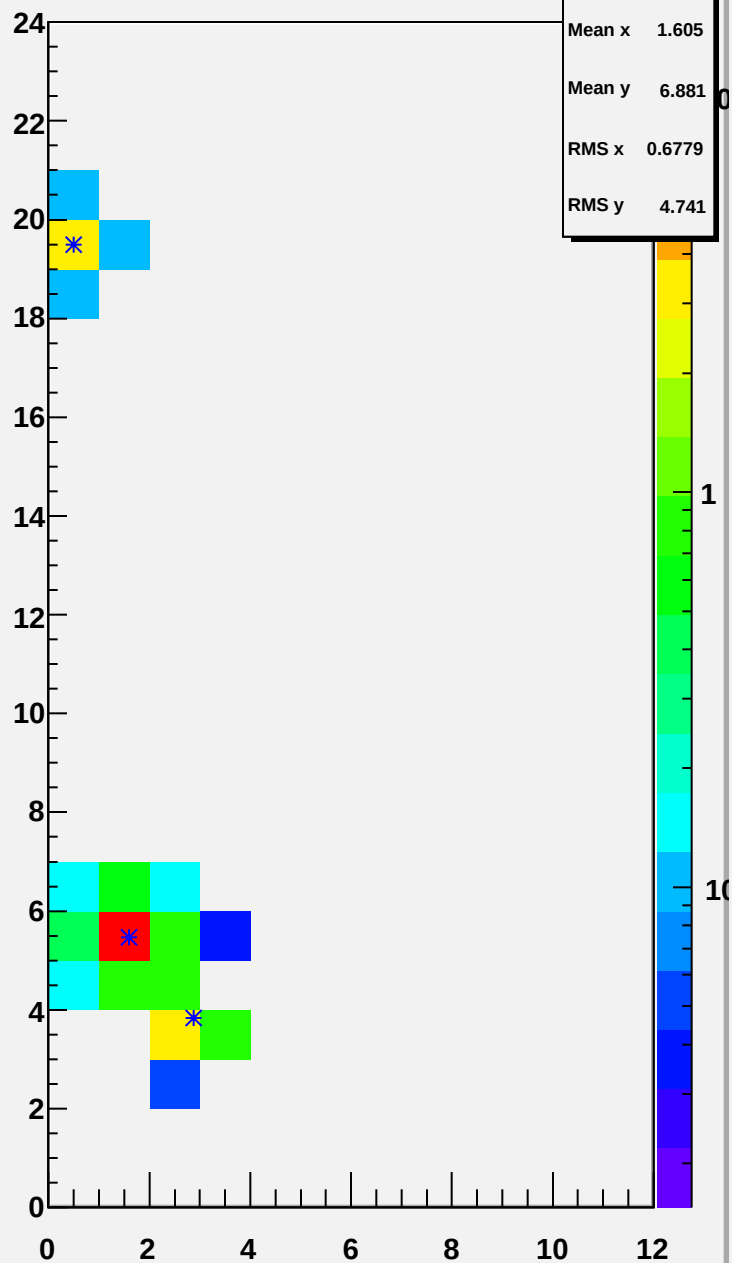
Efit

Entries 288
Mean x 5.18
Mean y 7.915
RMS x 2.353
RMS y 5.224

NSTB3_r4_c3_En=25.7_m0=0.110 m1=0.110 index=2331



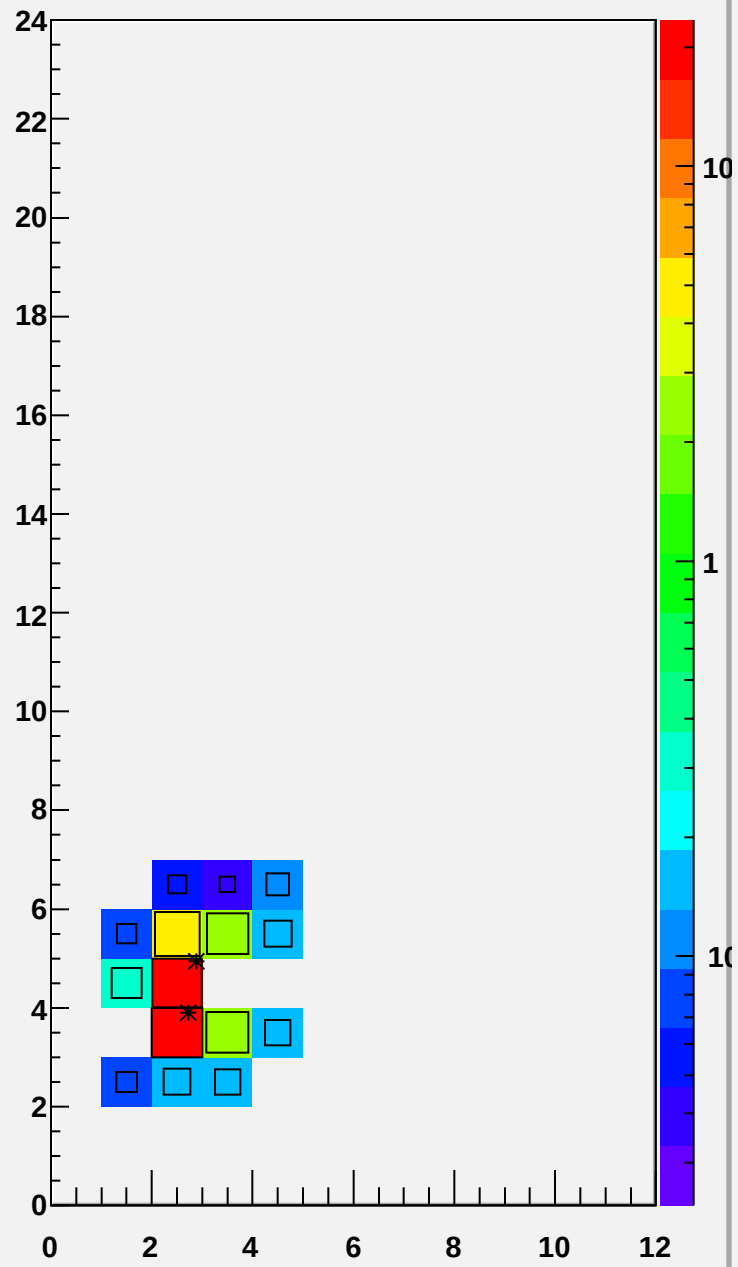
Fitted Energies



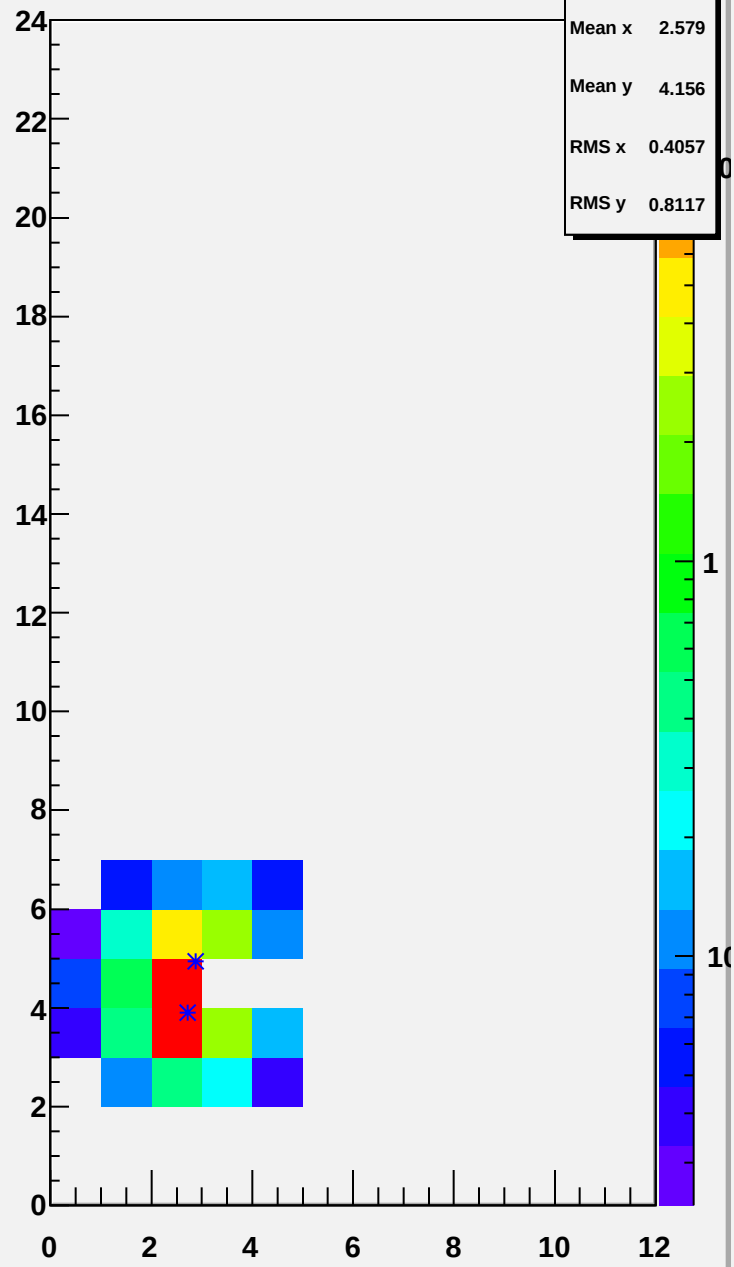
Efit

Entries	288
Mean x	1.605
Mean y	6.881
RMS x	0.6779
RMS y	4.741

NSTB3_r4_c3_En=53.7_m0=0.170 m1=0.170 index=2332



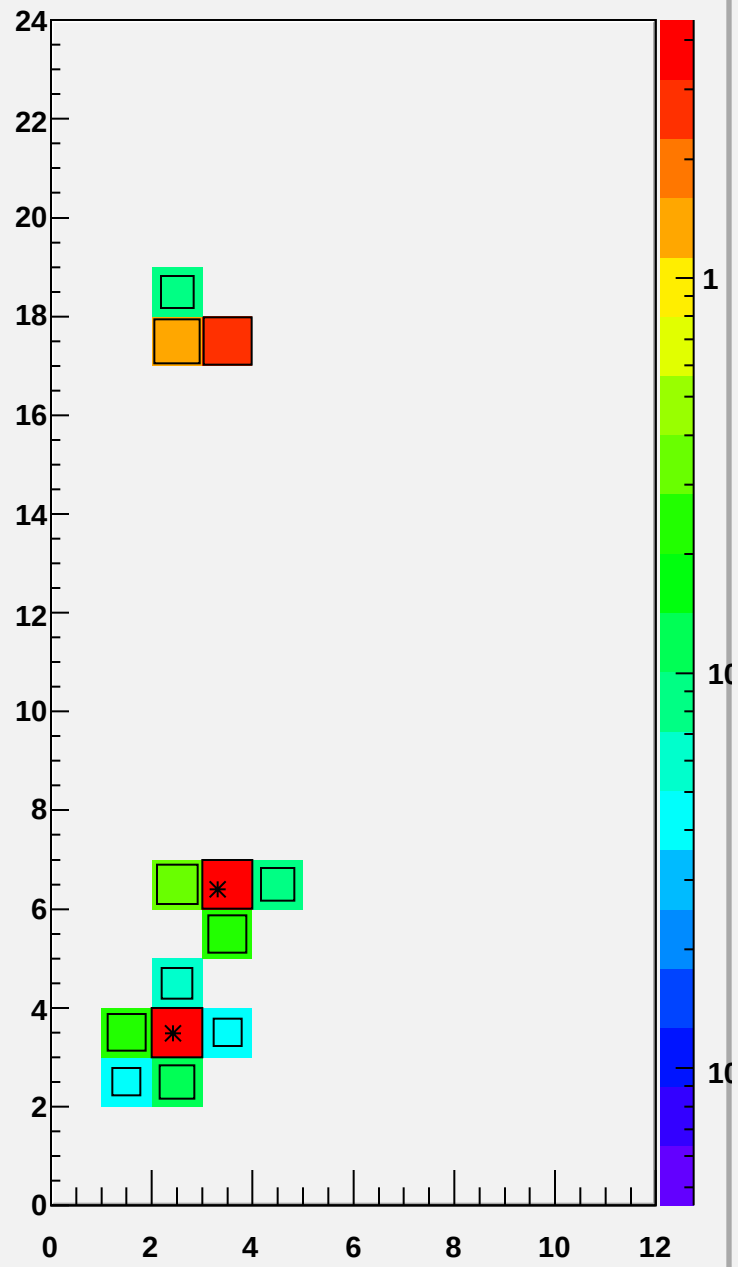
Fitted Energies



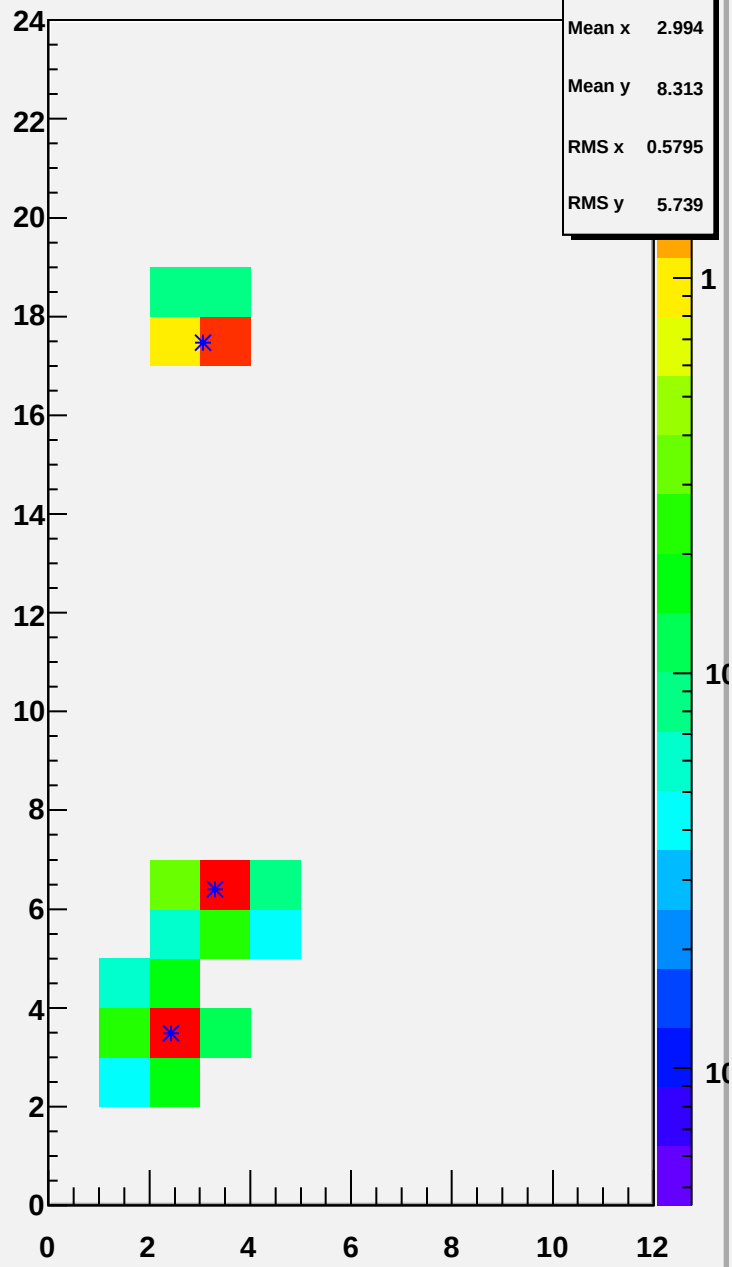
Efit

Entries	288
Mean x	2.579
Mean y	4.156
RMS x	0.4057
RMS y	0.8117

NSTB3_r4_c3_En=13.2_m0=0.088 m1=0.088 index=2333



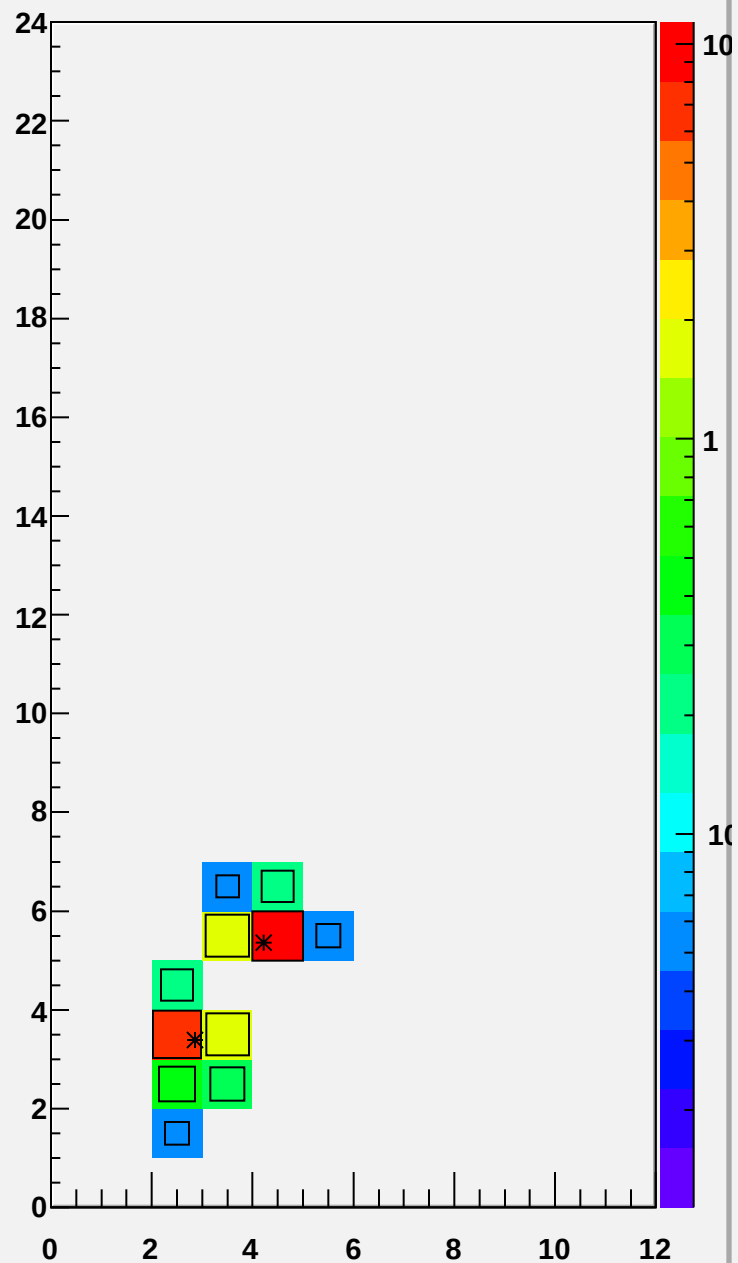
Fitted Energies



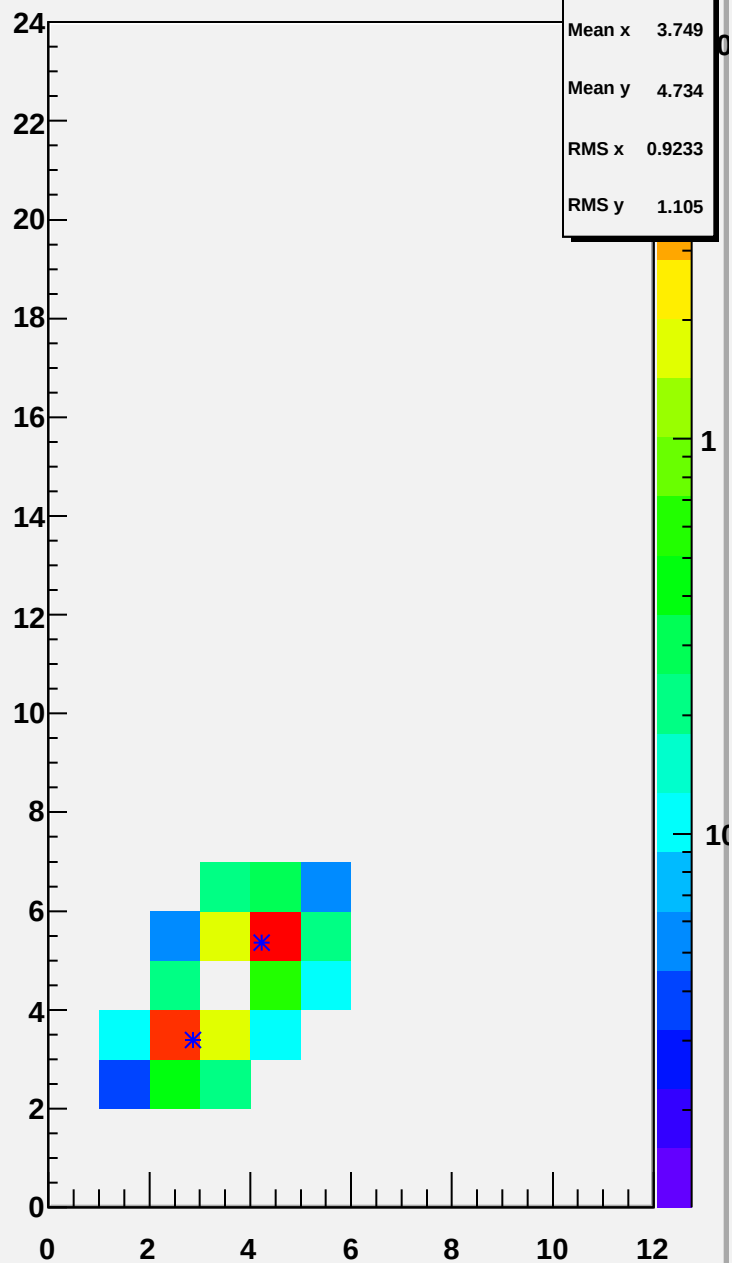
Efit

Entries	288
Mean x	2.994
Mean y	8.313
RMS x	0.5795
RMS y	5.739

NSTB3_r4_c3_En=22.0_m0=0.151 m1=0.151 index=2334



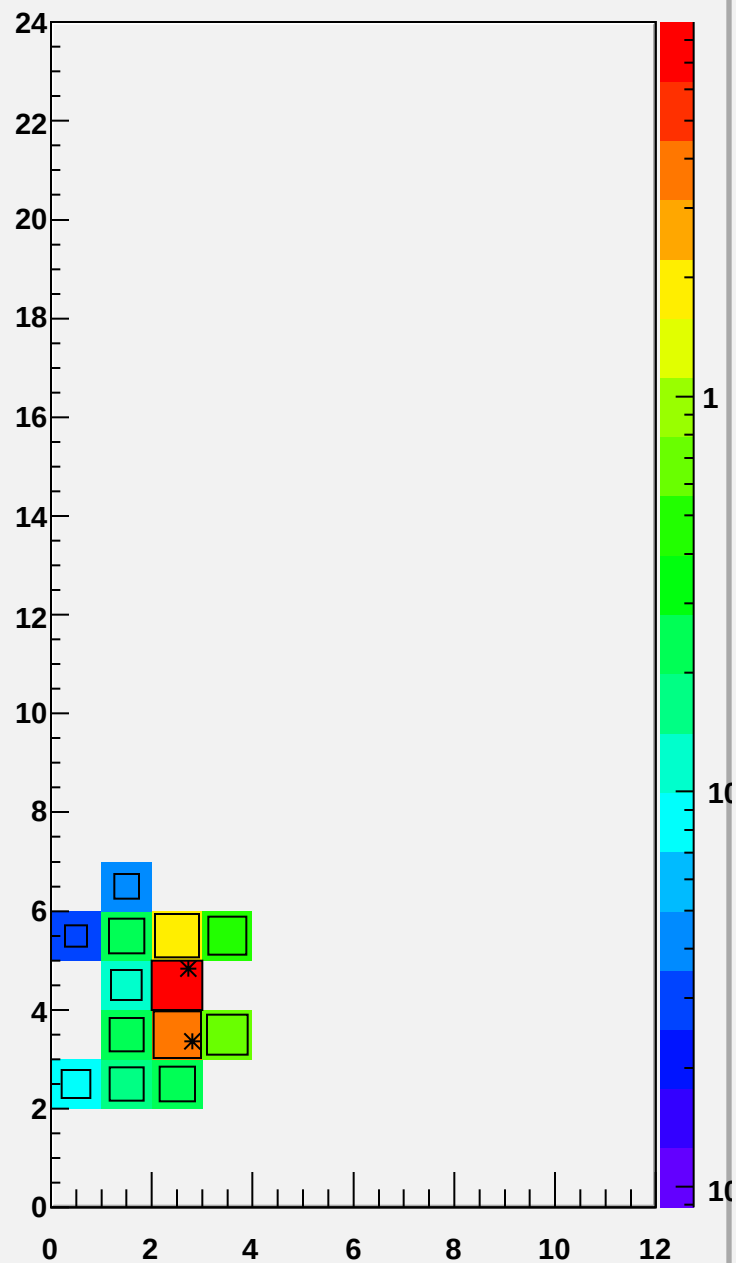
Fitted Energies



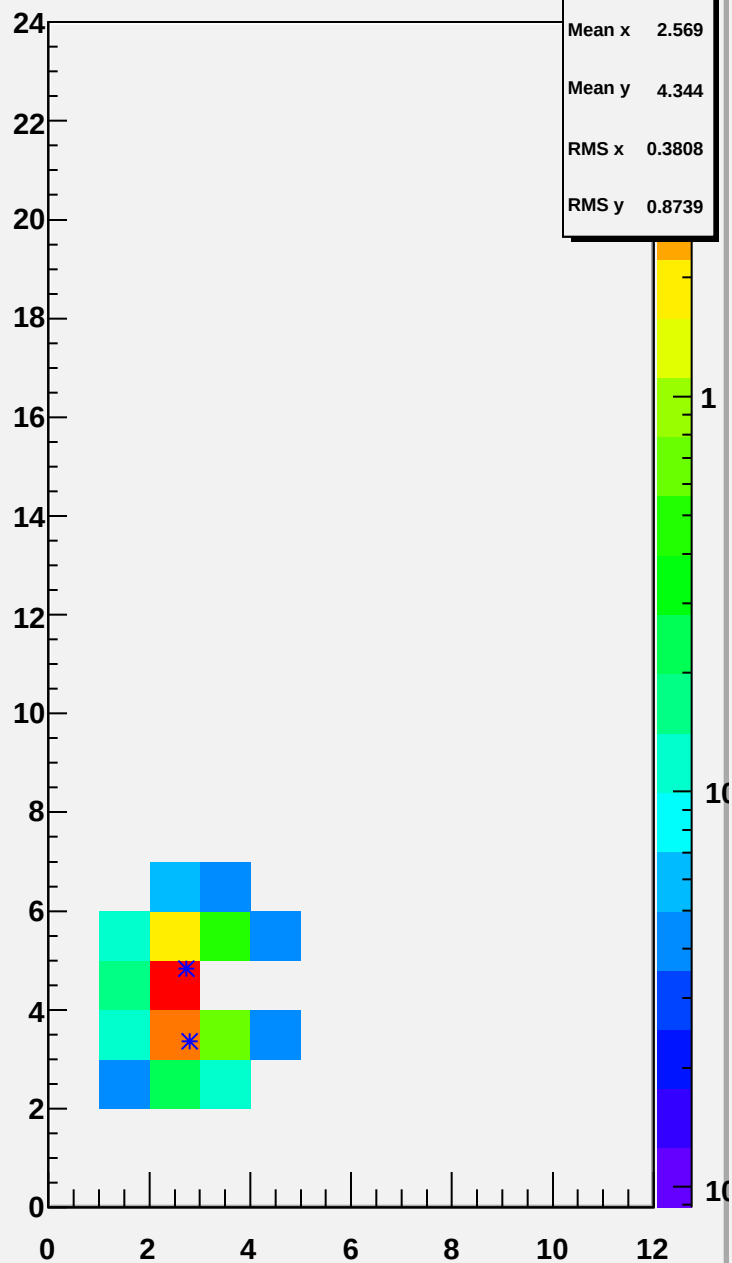
Efit

Entries	288
Mean x	3.749
Mean y	4.734
RMS x	0.9233
RMS y	1.105

NSTB3_r4_c3_En=17.0_m0=0.065 m1=0.066 index=2336



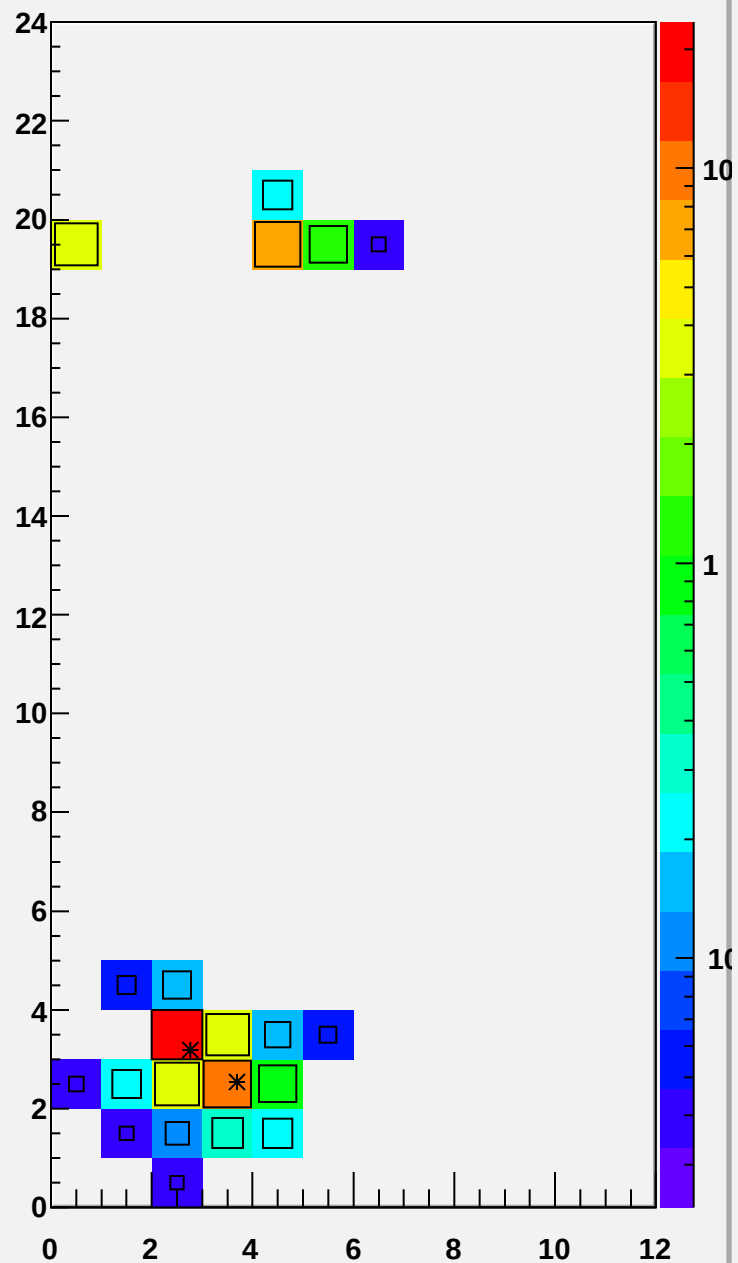
Fitted Energies



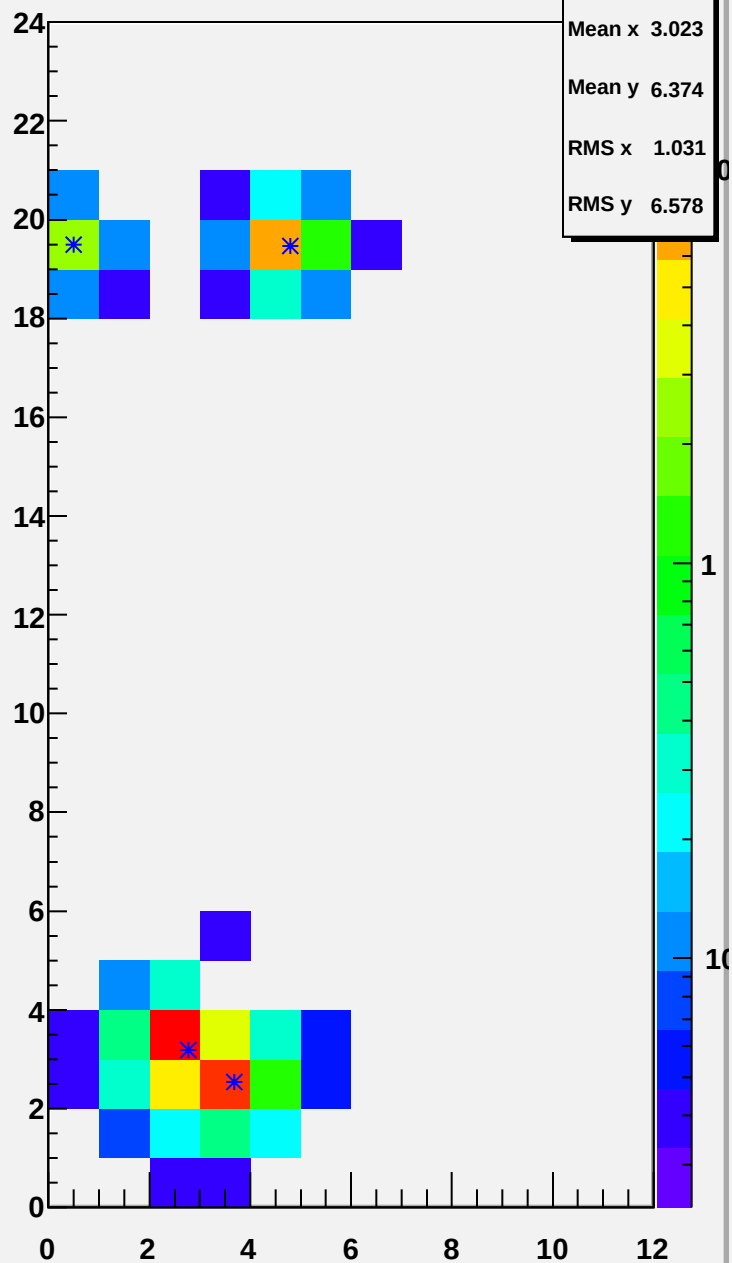
Efit

Entries	288
Mean x	2.569
Mean y	4.344
RMS x	0.3808
RMS y	0.8739

NSTB3_r4_c3_En=54.7_m0=0.131_m1=0.130_index=2337



Fitted Energies



Efit

Entries 288

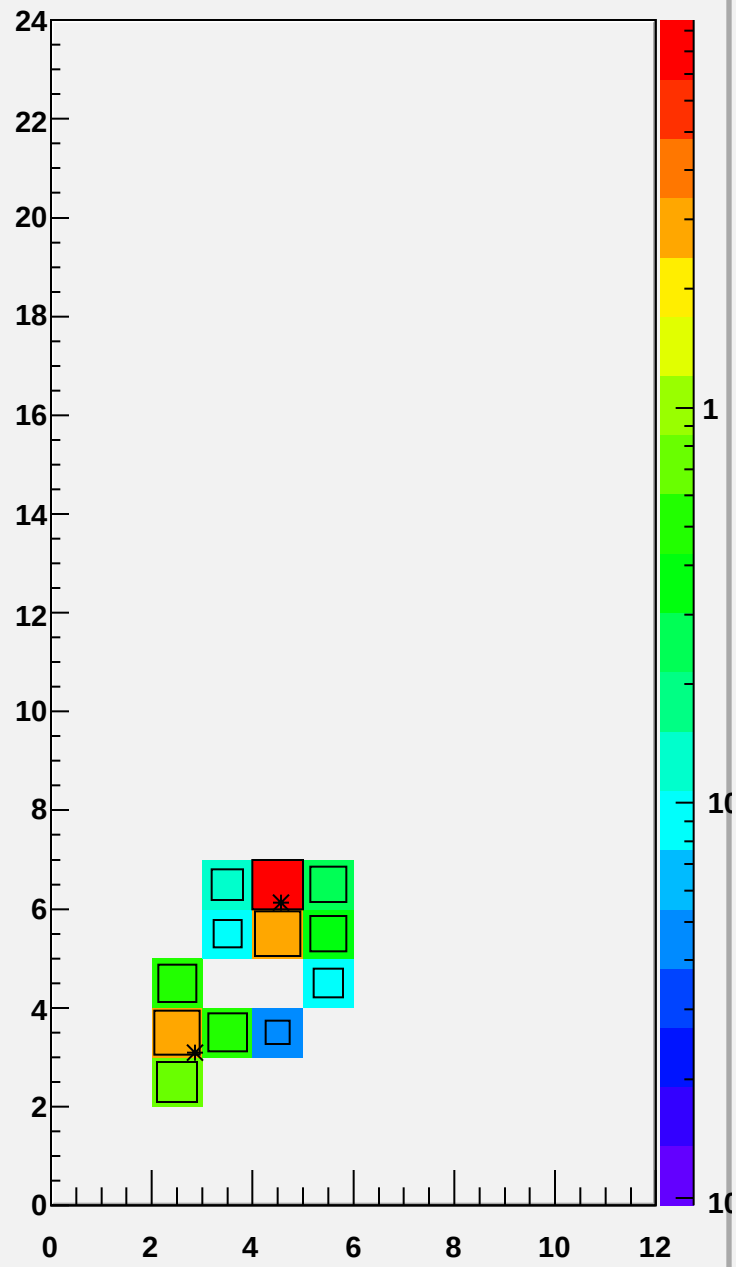
Mean x 3.023

Mean y 6.374

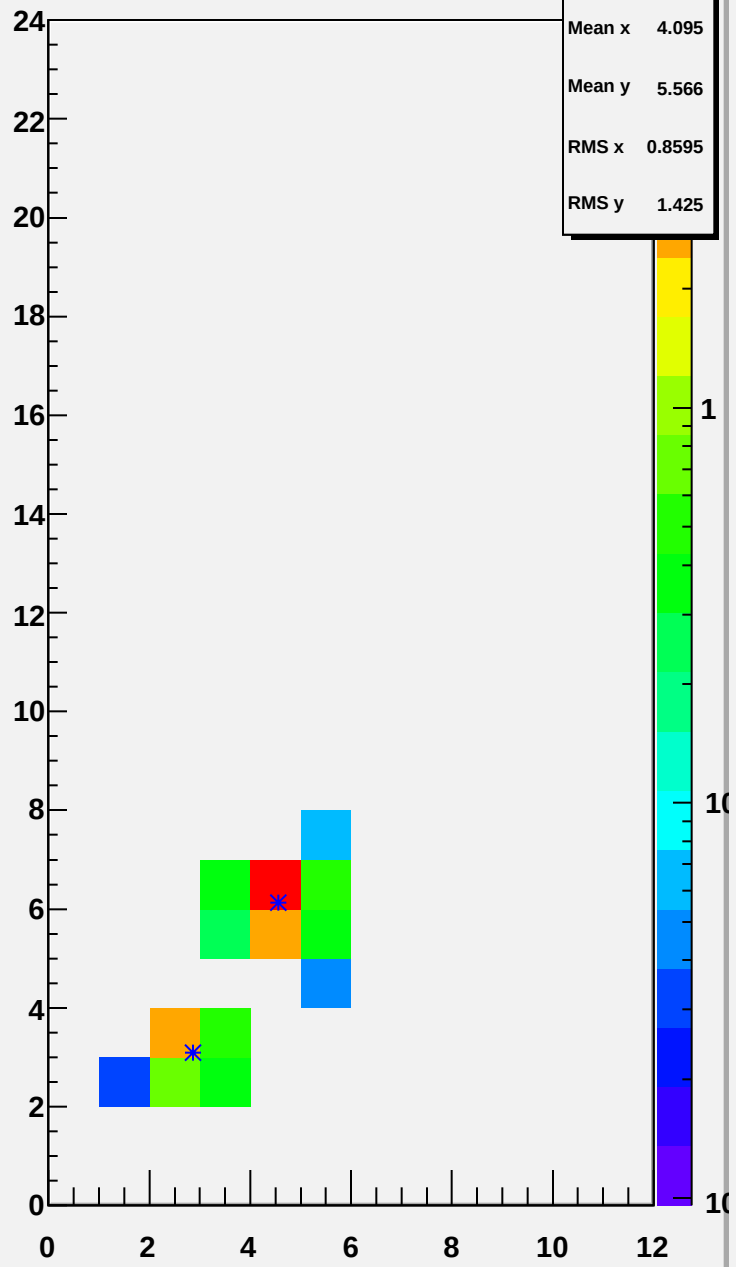
RMS x 1.031

RMS y 6.578

NSTB3_r4_c3_En=17.5_m0=0.151 m1=0.151 index=2339



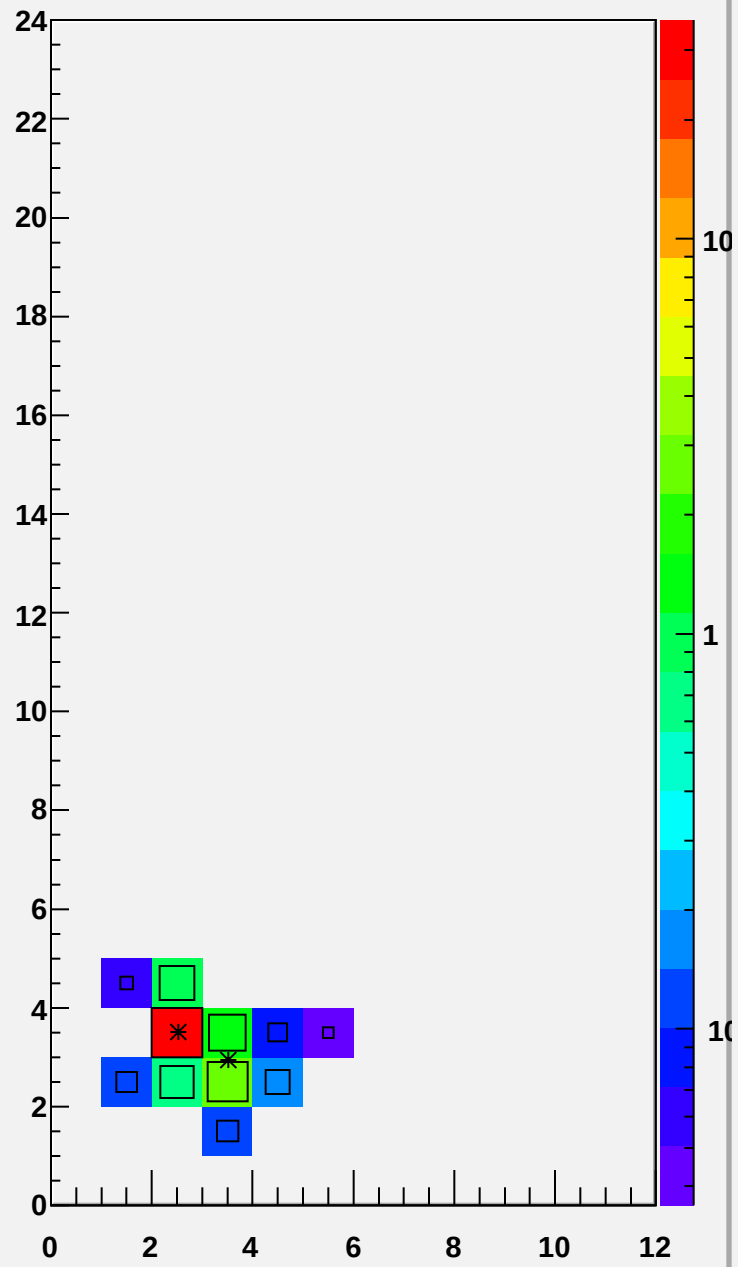
Fitted Energies



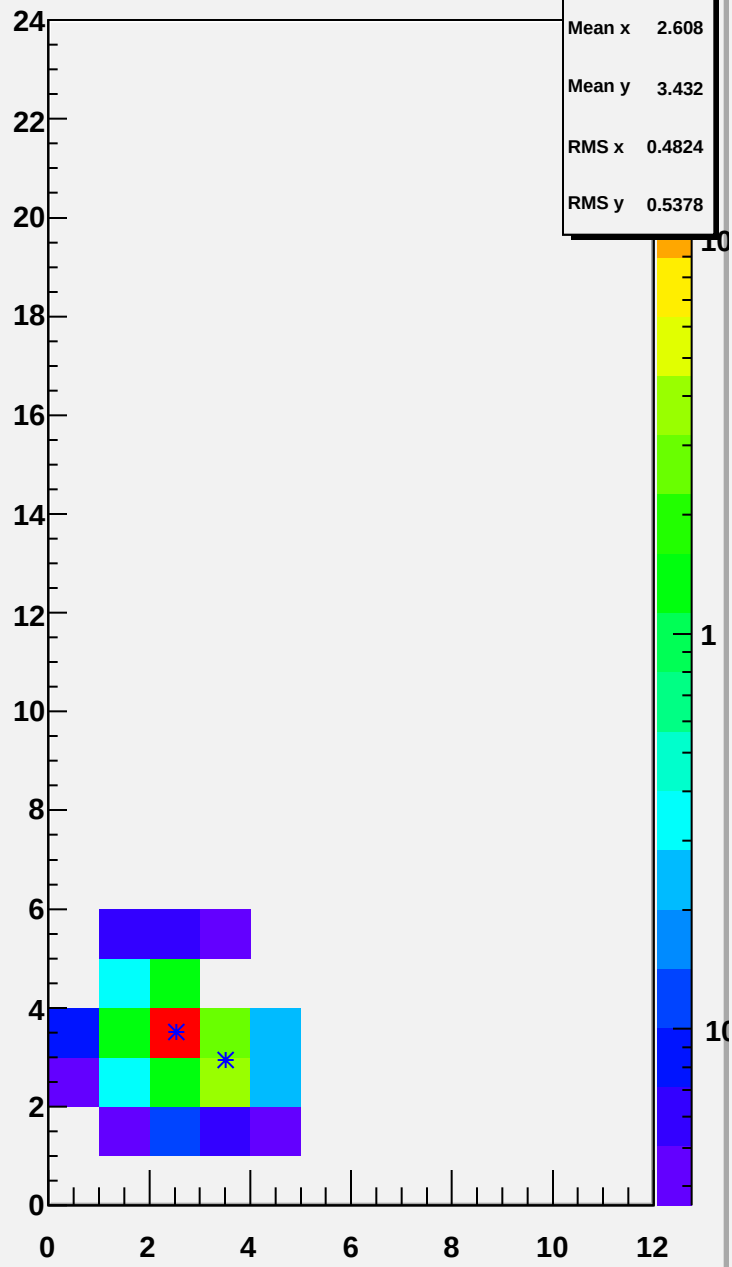
Efit

Entries	288
Mean x	4.095
Mean y	5.566
RMS x	0.8595
RMS y	1.425

NSTB3_r4_c3_En=42.3_m0=0.089 m1=0.089 index=2340



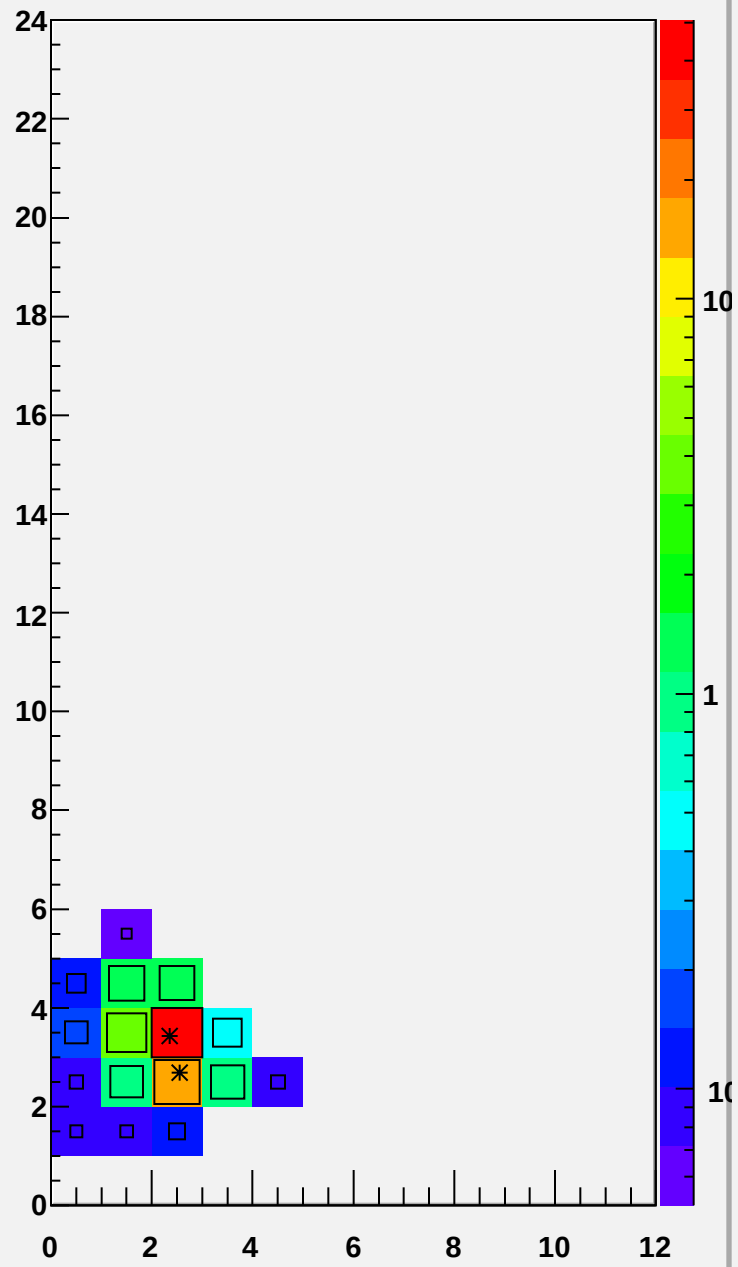
Fitted Energies



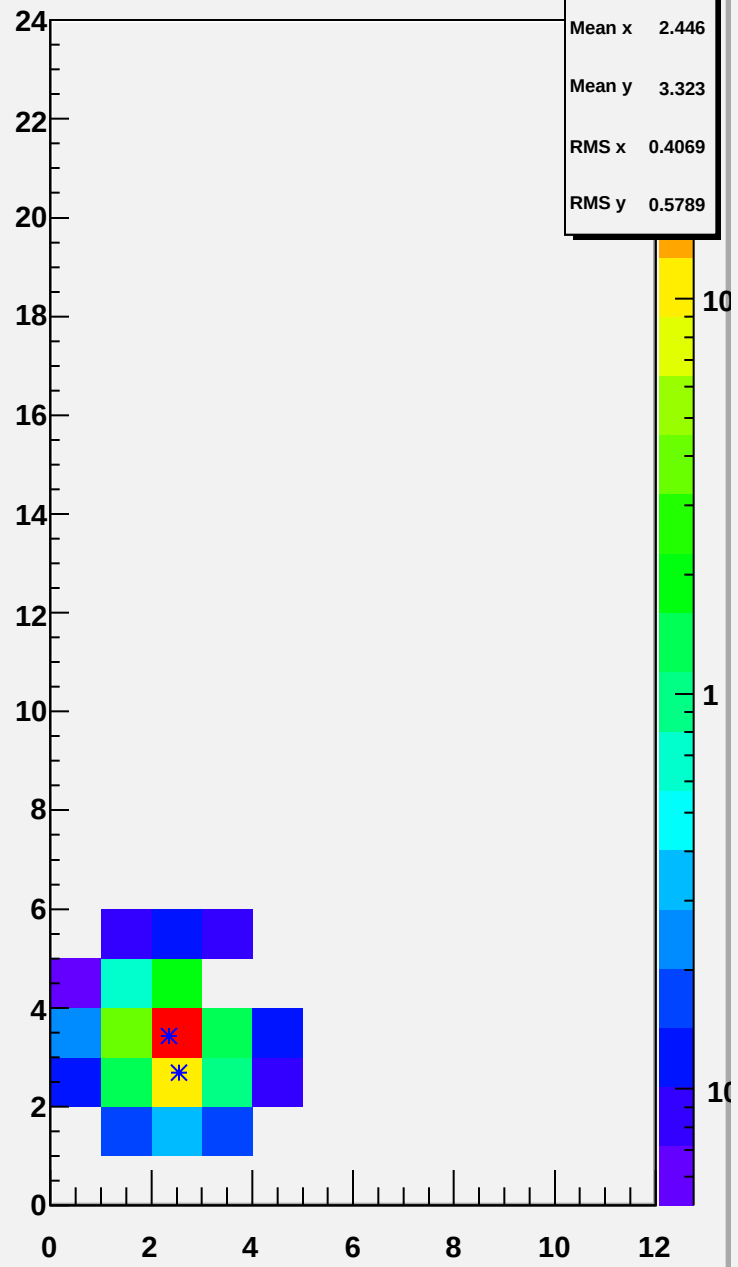
Efit

Entries	288
Mean x	2.608
Mean y	3.432
RMS x	0.4824
RMS y	0.5378

NSTB3_r4_c3_En=73.2_m0=0.117_m1=0.118_index=2341



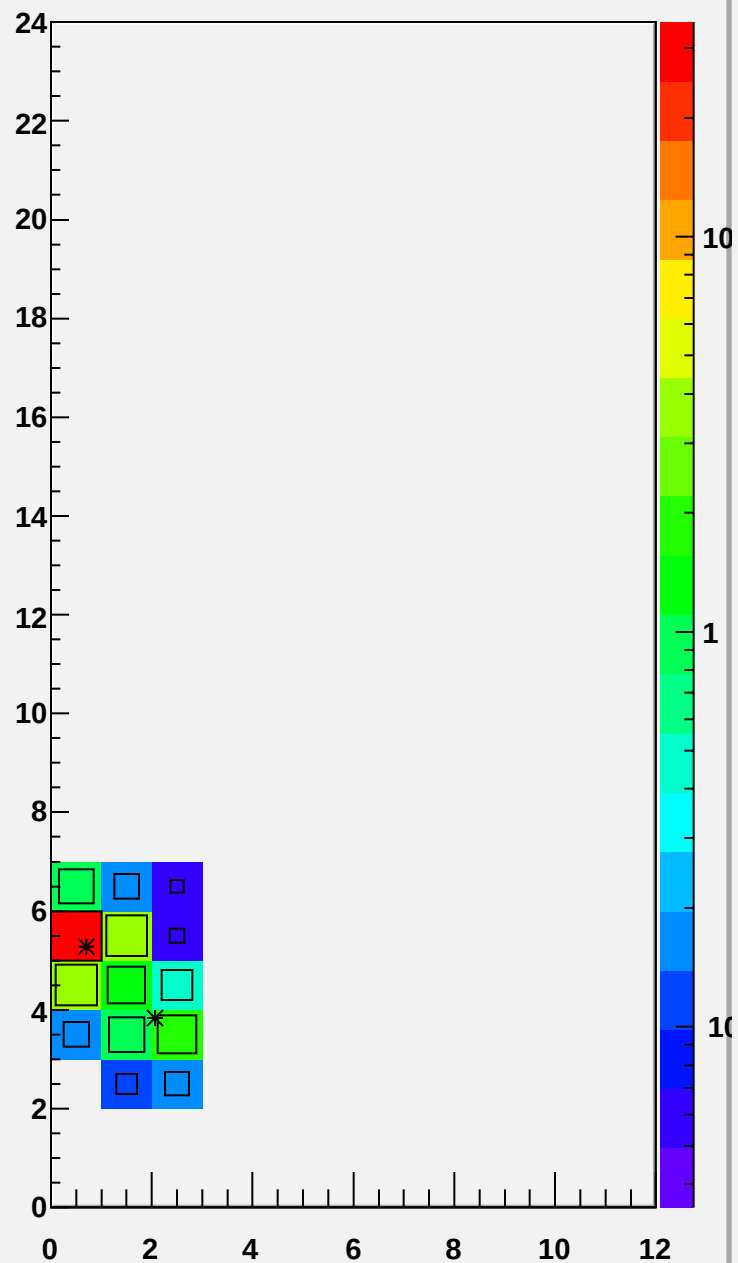
Fitted Energies



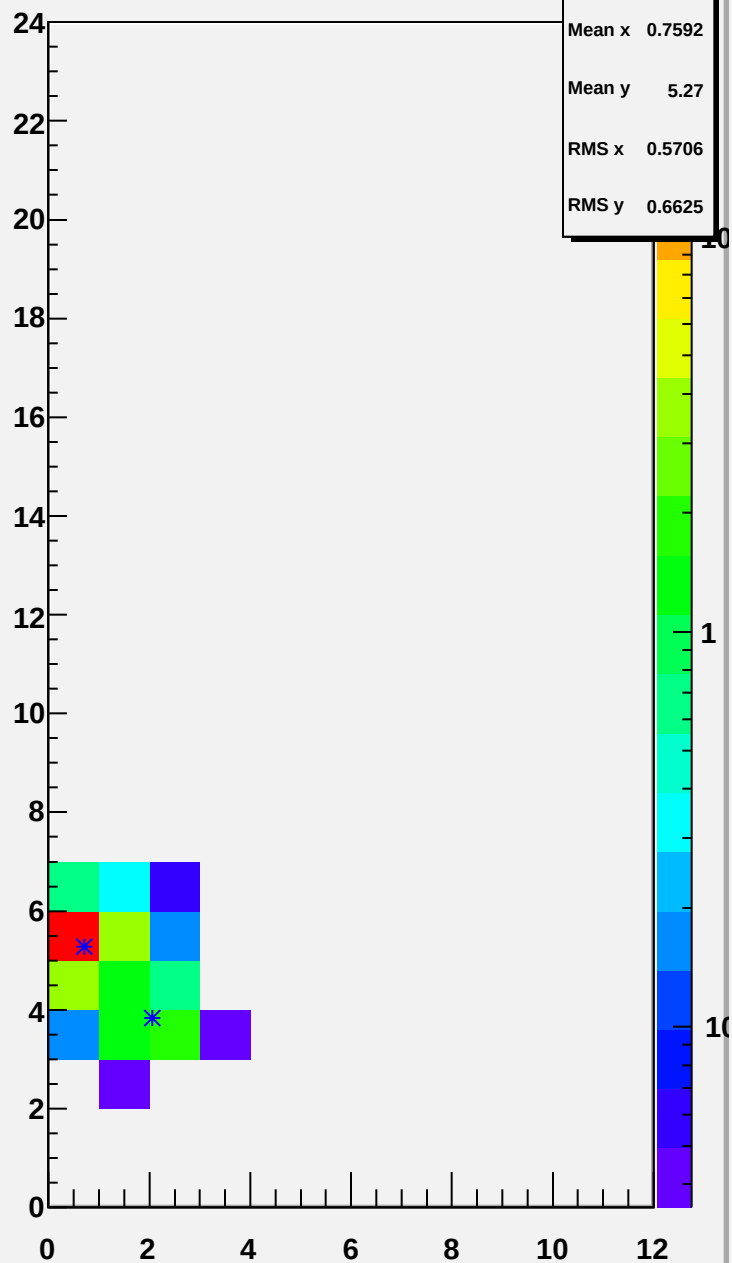
Efit

Entries	288
Mean x	2.446
Mean y	3.323
RMS x	0.4069
RMS y	0.5789

NSTB3_r4_c3_En=48.8_m0=0.148 m1=0.148 index=2342



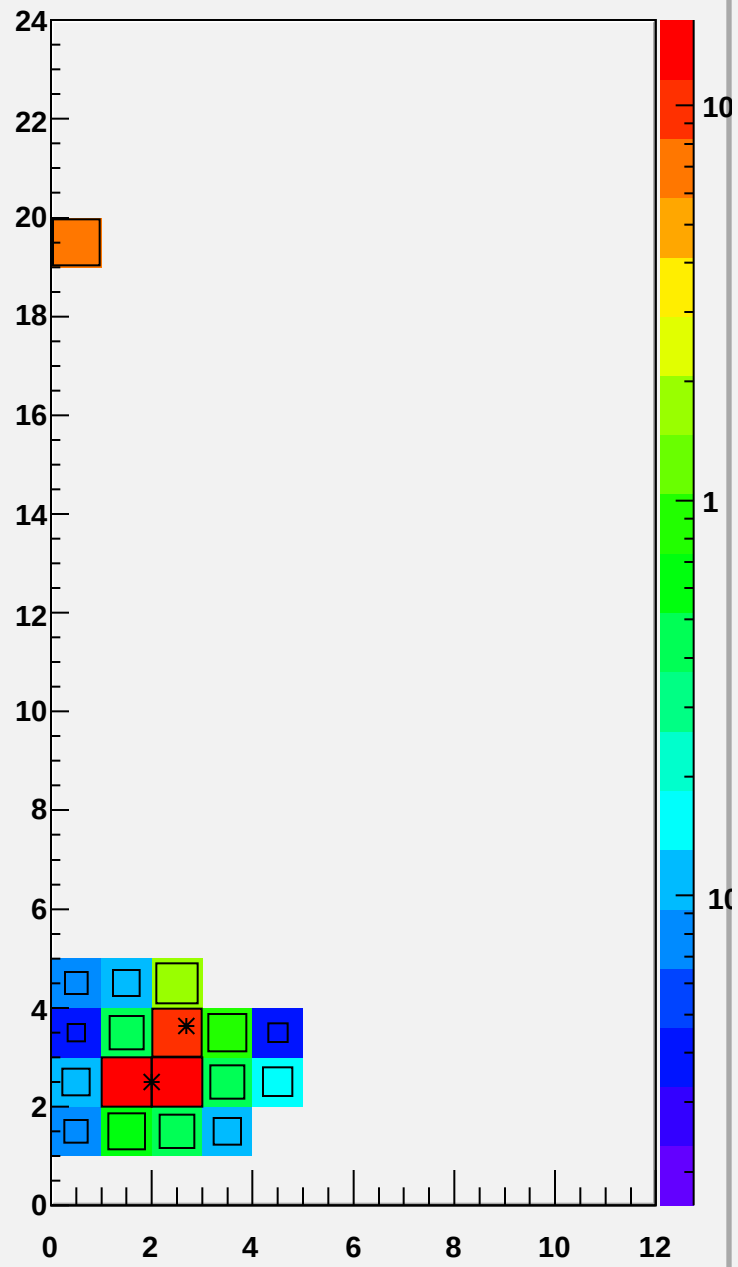
Fitted Energies



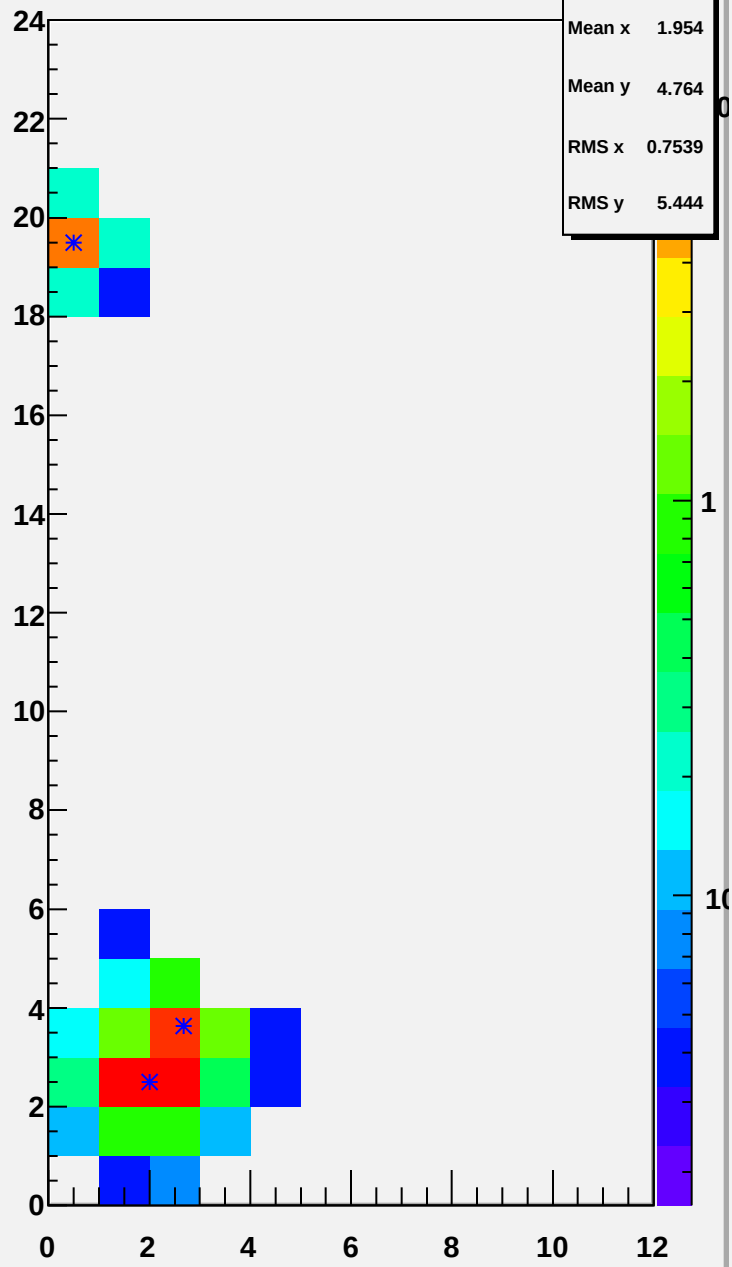
Efit

Entries	288
Mean x	0.7592
Mean y	5.27
RMS x	0.5706
RMS y	0.6625

NSTB3_r4_c3_En=55.5_m0=0.155 m1=0.155 index=2344



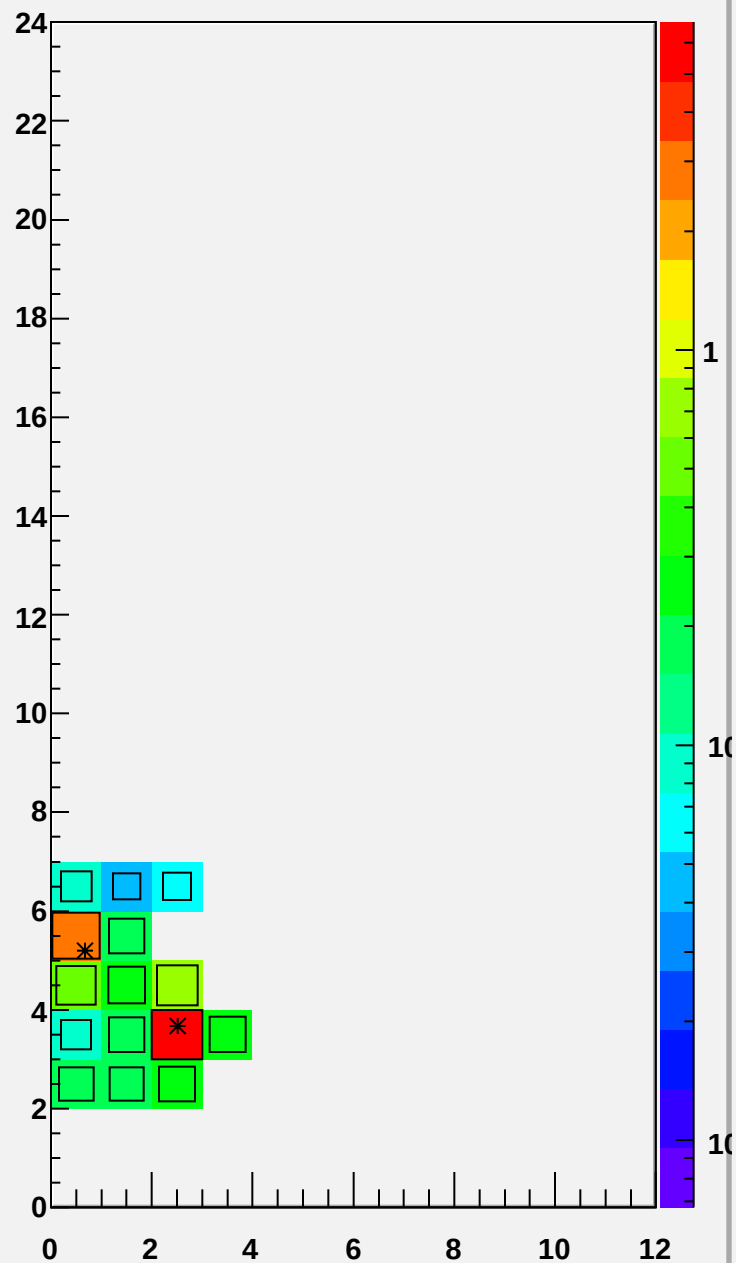
Fitted Energies



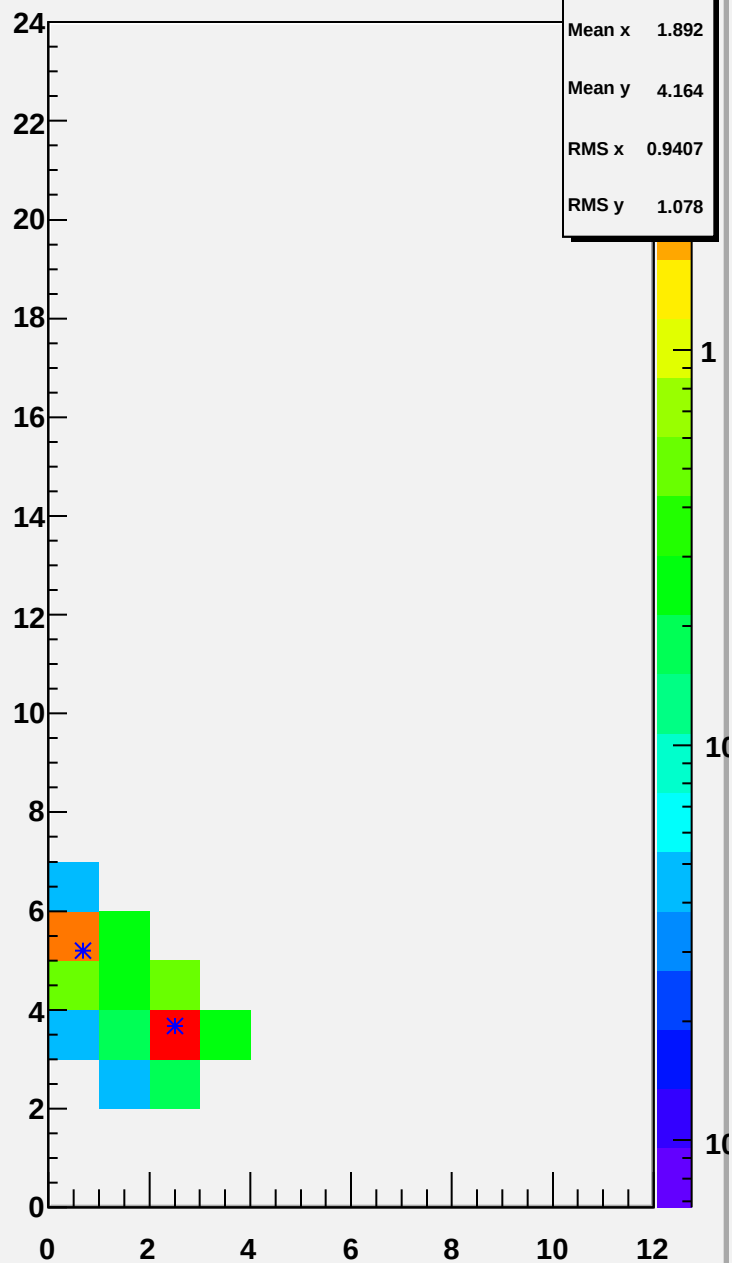
Efit

Entries	288
Mean x	1.954
Mean y	4.764
RMS x	0.7539
RMS y	5.444

NSTB3_r4_c3_En=12.4_m0=0.075 m1=0.075 index=2345



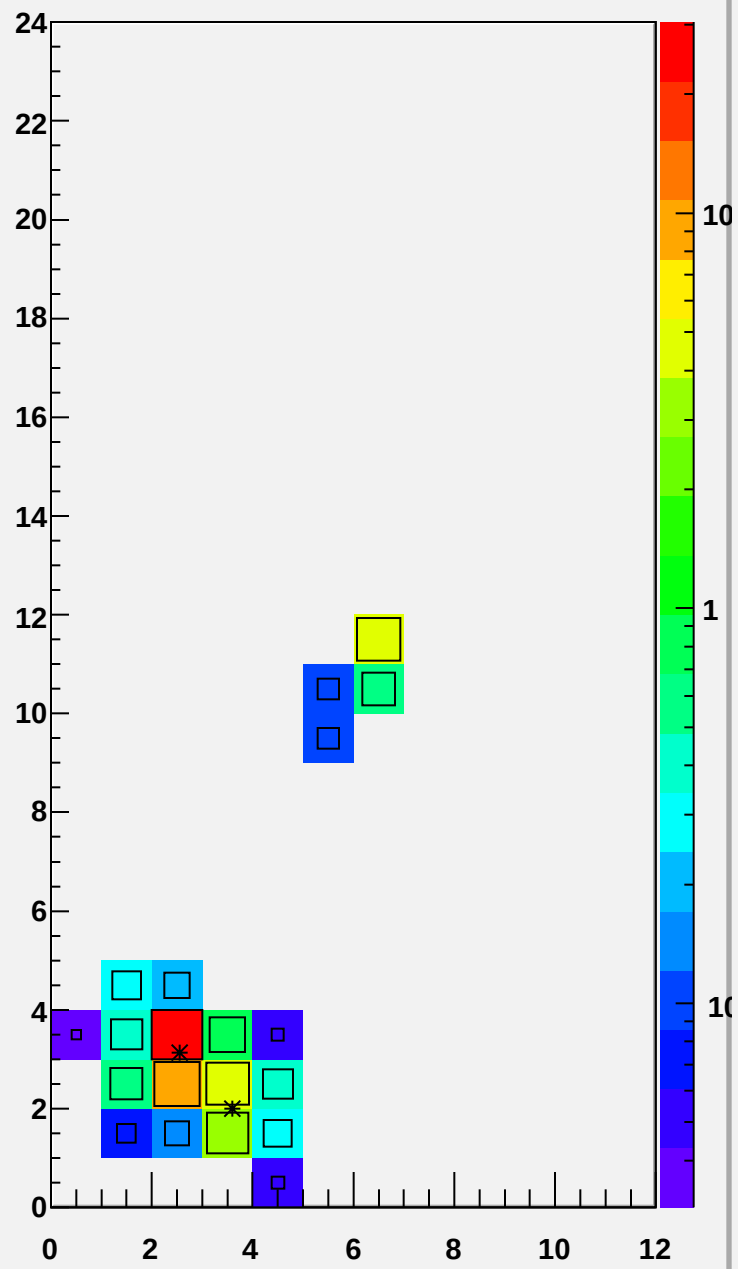
Fitted Energies



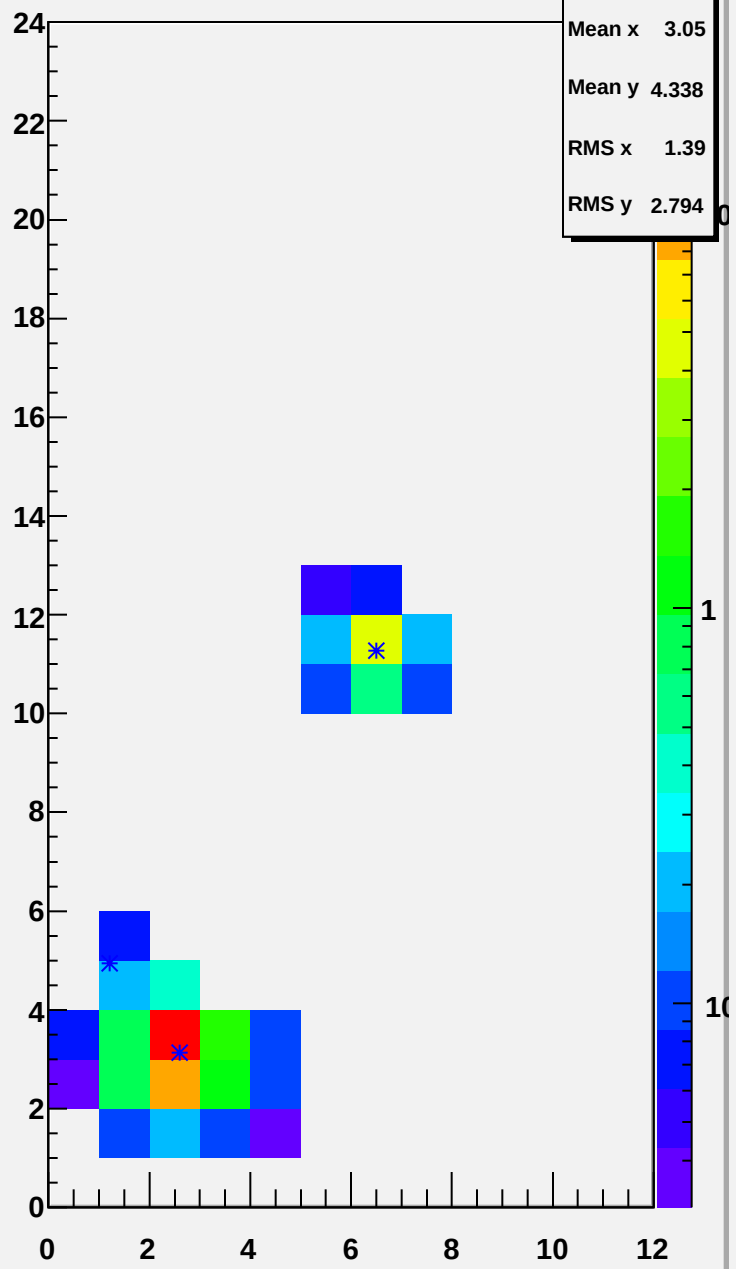
Efit

Entries	288
Mean x	1.892
Mean y	4.164
RMS x	0.9407
RMS y	1.078

NSTB3_r4_c3_En=55.3_m0=0.153_m1=-0.000_index=2346



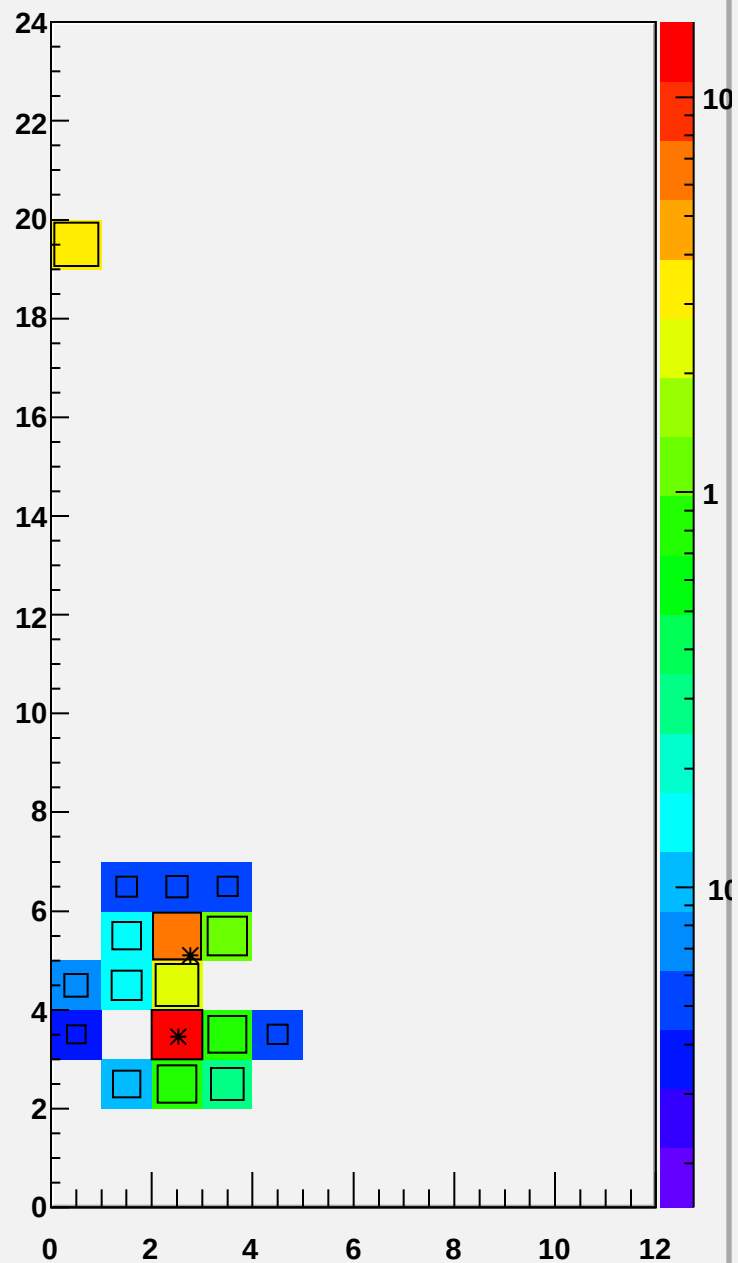
Fitted Energies



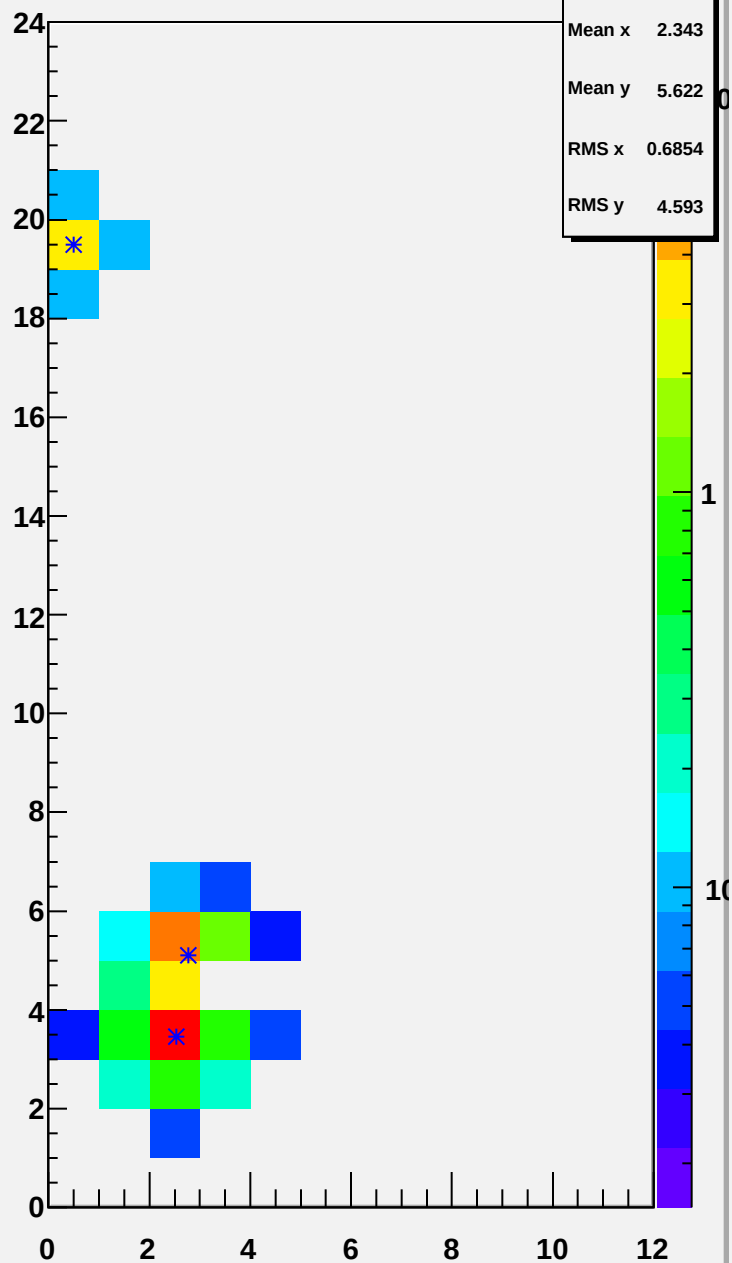
Efit

Entries 288
Mean x 3.05
Mean y 4.338
RMS x 1.39
RMS y 2.794

NSTB3_r4_c3_En=32.2_m0=0.140 m1=0.140 index=2348



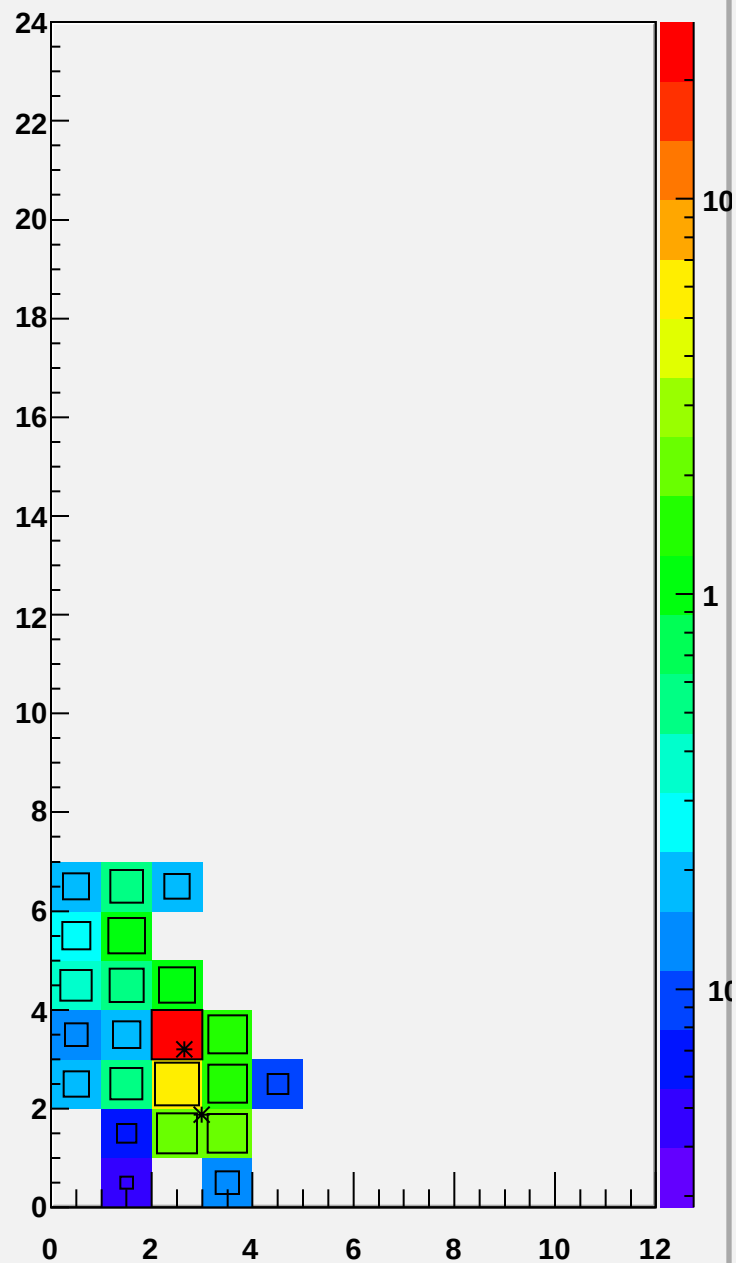
Fitted Energies



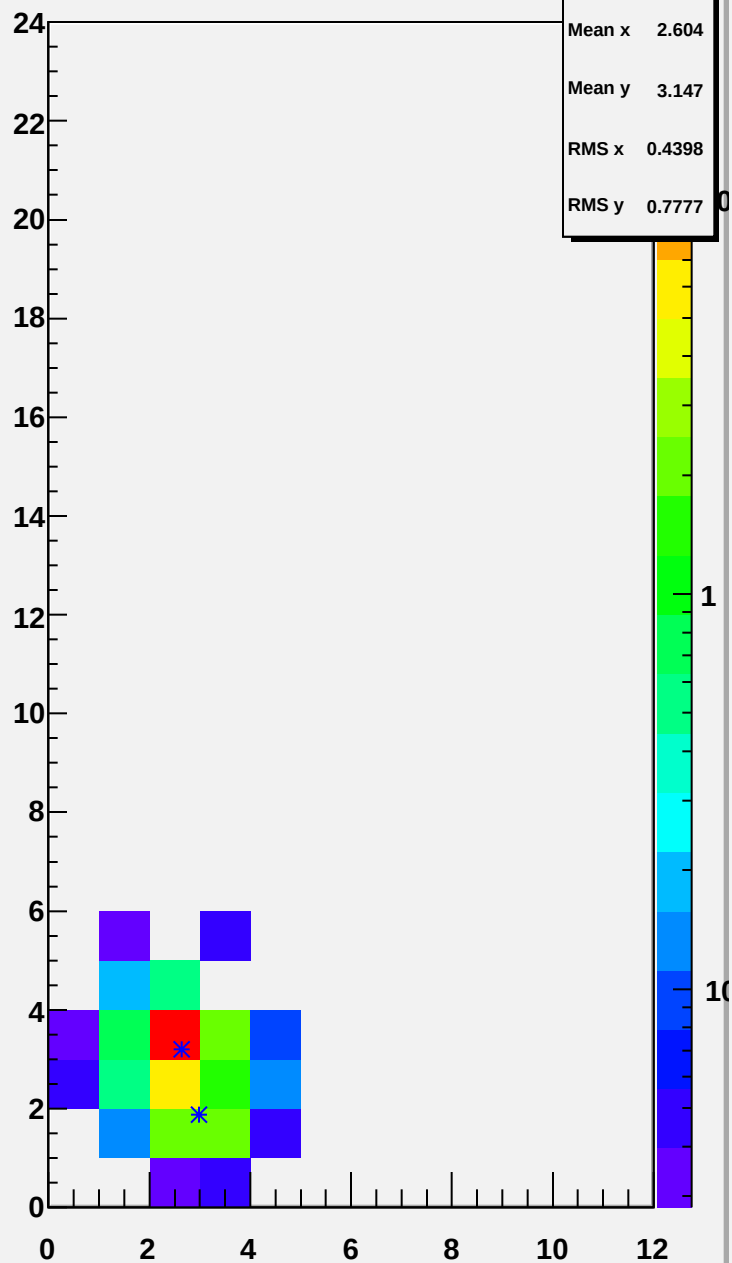
Efit

Entries	288
Mean x	2.343
Mean y	5.622
RMS x	0.6854
RMS y	4.593

NSTB3_r4_c3_En=46.4_m0=0.111 m1=0.110 index=2349



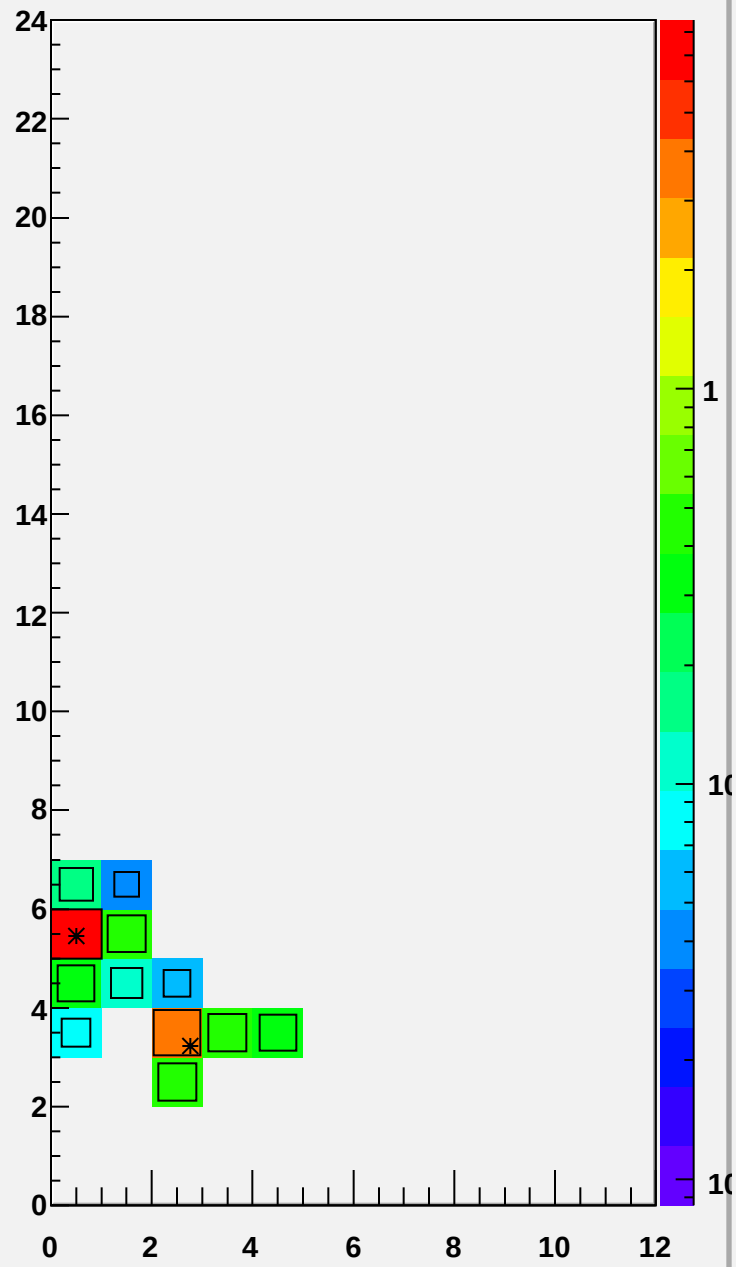
Fitted Energies



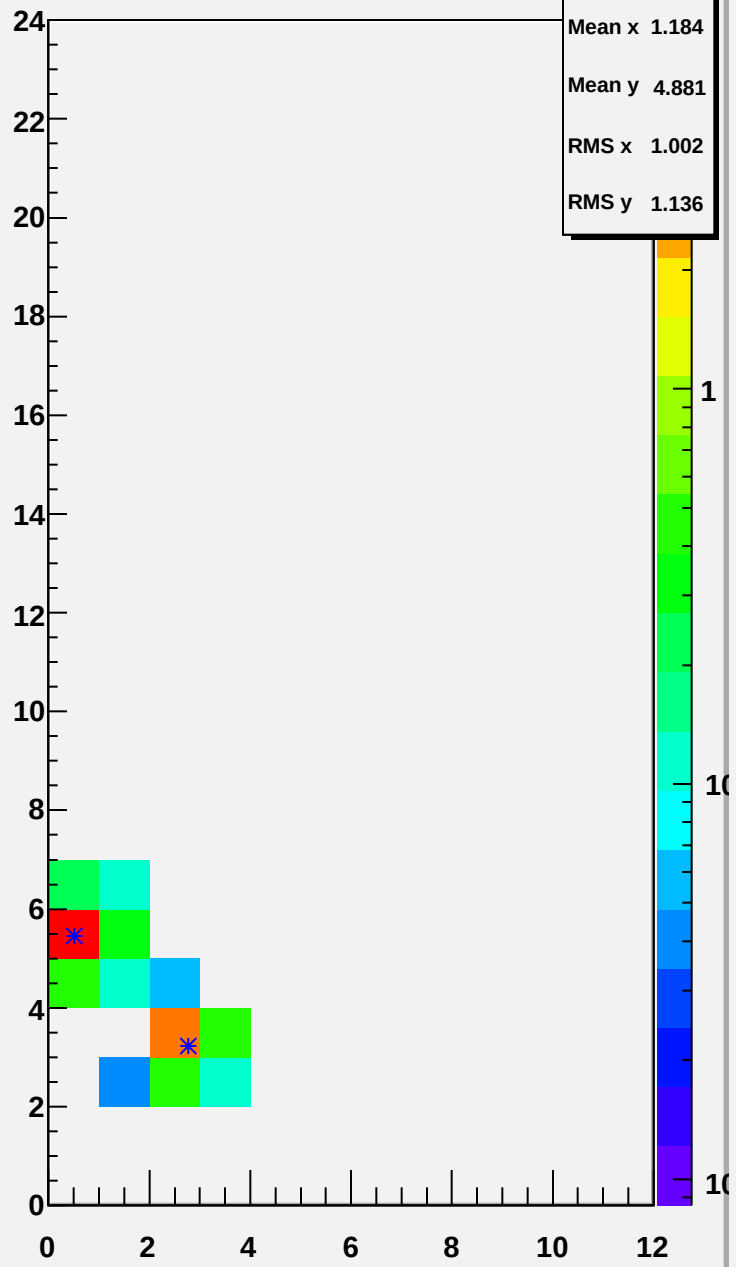
Efit

Entries	288
Mean x	2.604
Mean y	3.147
RMS x	0.4398
RMS y	0.7777

NSTB3_r4_c3_En=14.1_m0=0.118 m1=0.117 index=2351



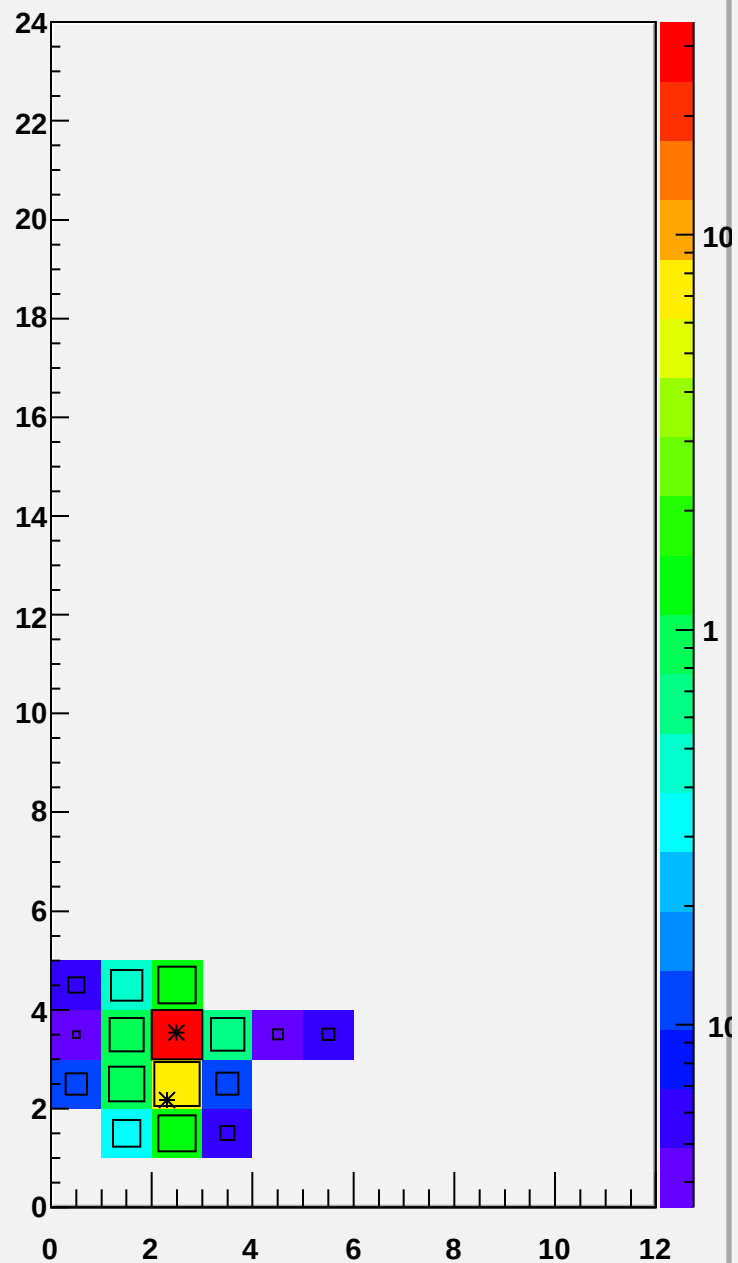
Fitted Energies



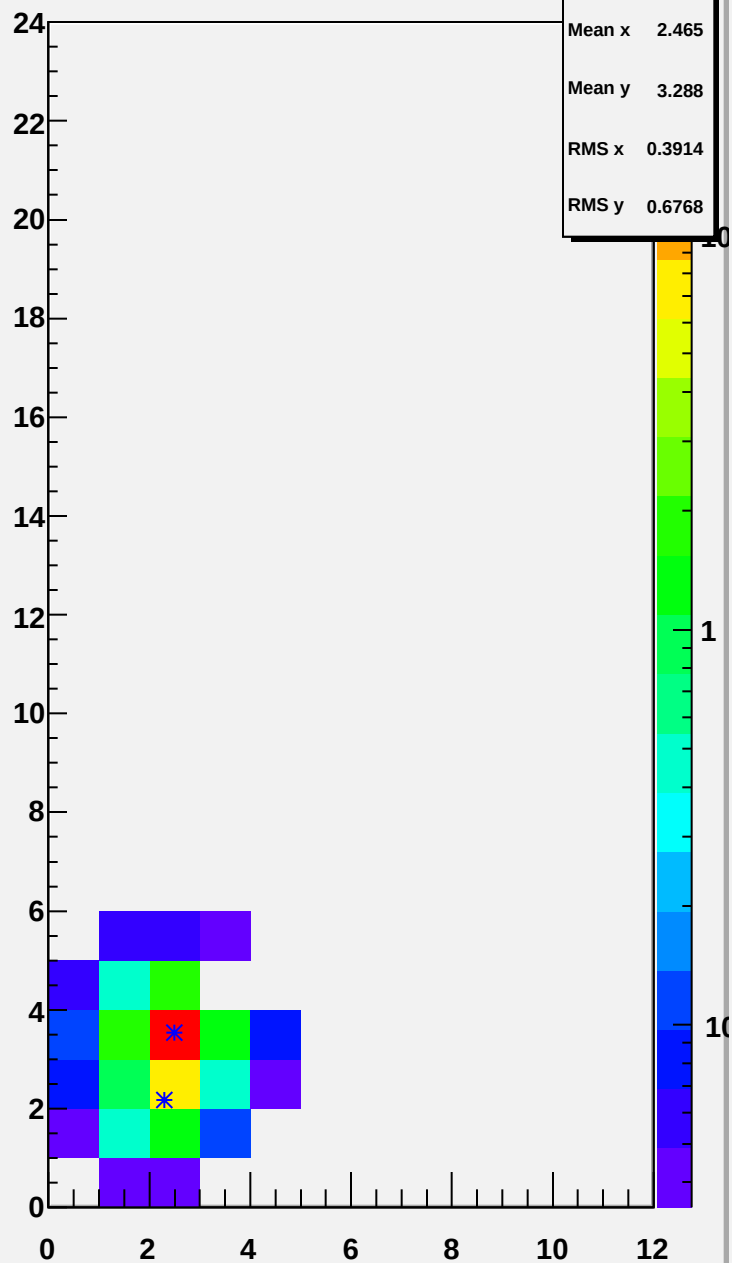
Efit

Entries 288
Mean x 1.184
Mean y 4.881
RMS x 1.002
RMS y 1.136

NSTB3_r4_c3_En=49.6_m0=0.151 m1=0.151 index=2353



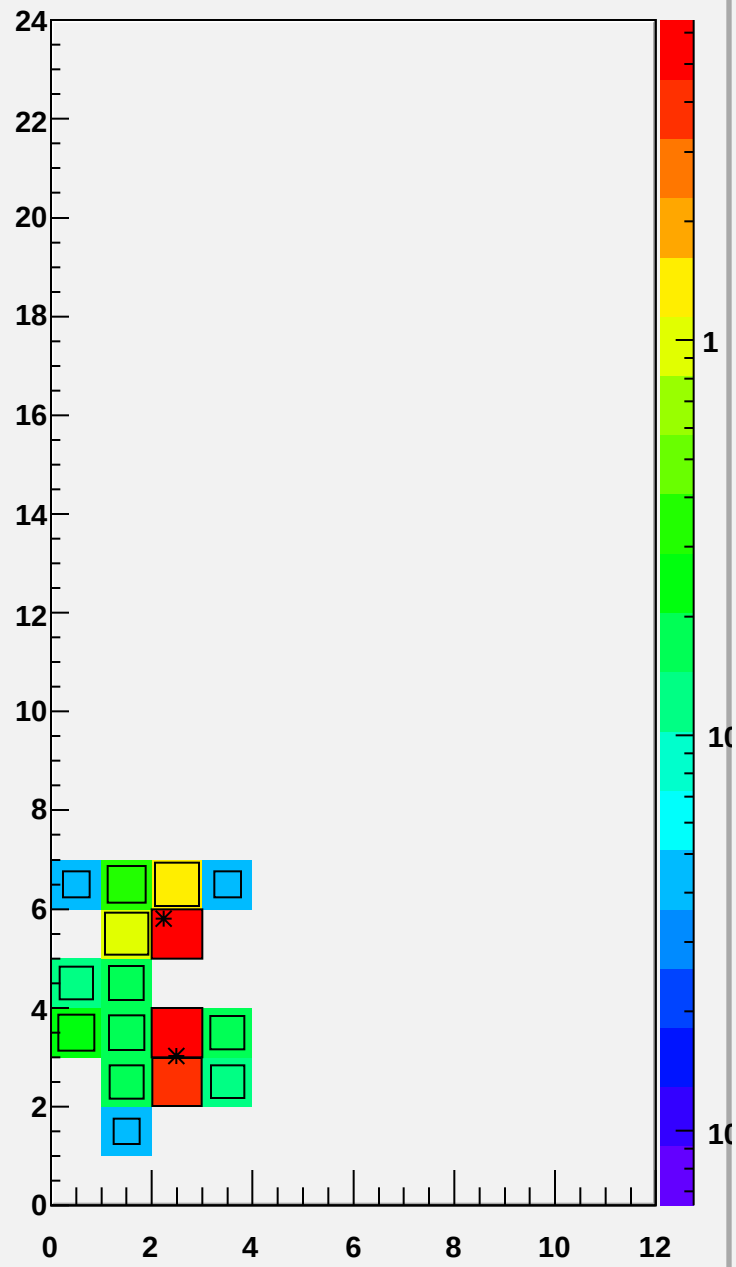
Fitted Energies



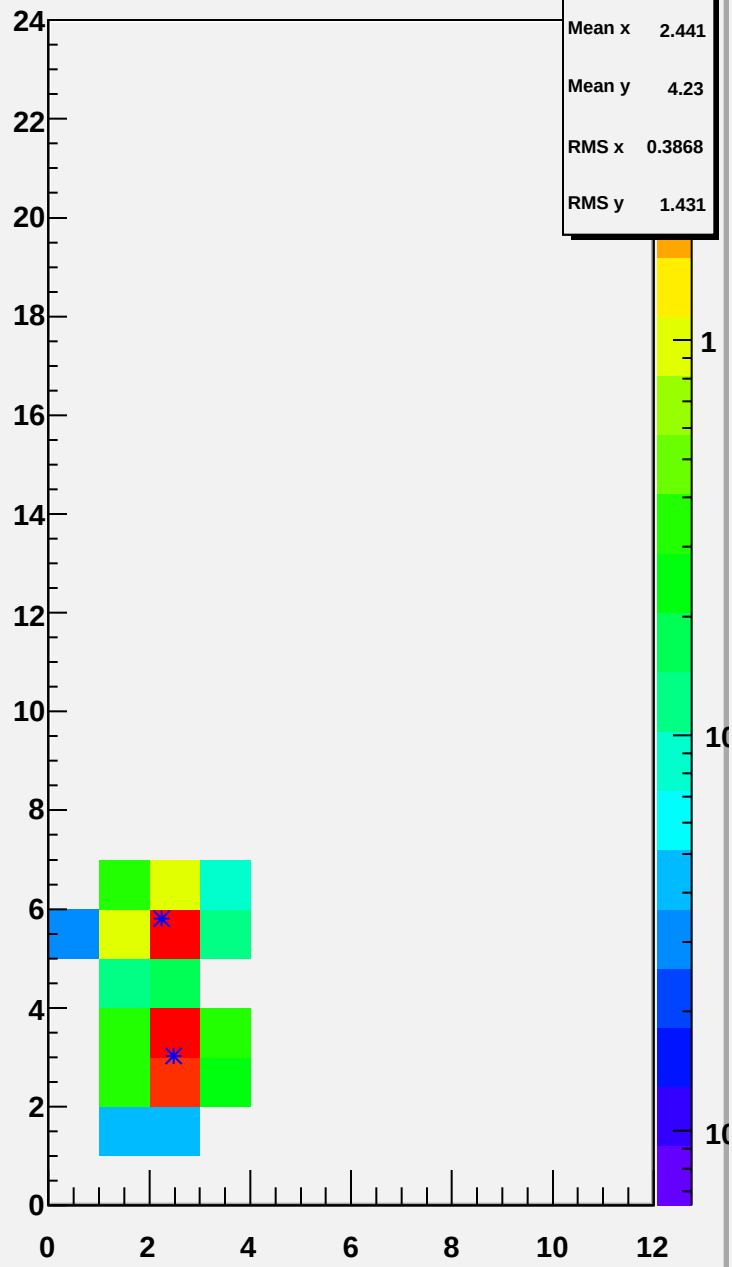
Efit

Entries	288
Mean x	2.465
Mean y	3.288
RMS x	0.3914
RMS y	0.6768

NSTB3_r4_c3_En=20.9_m0=0.167 m1=0.167 index=2354



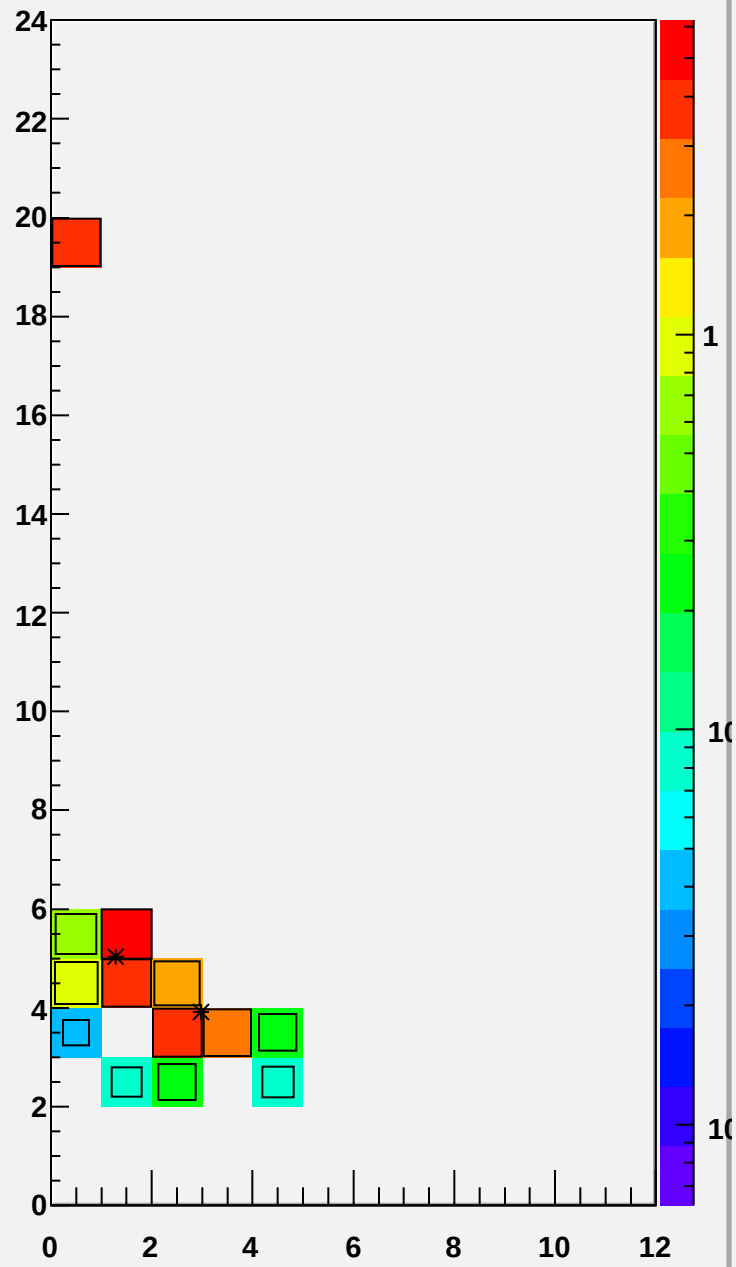
Fitted Energies



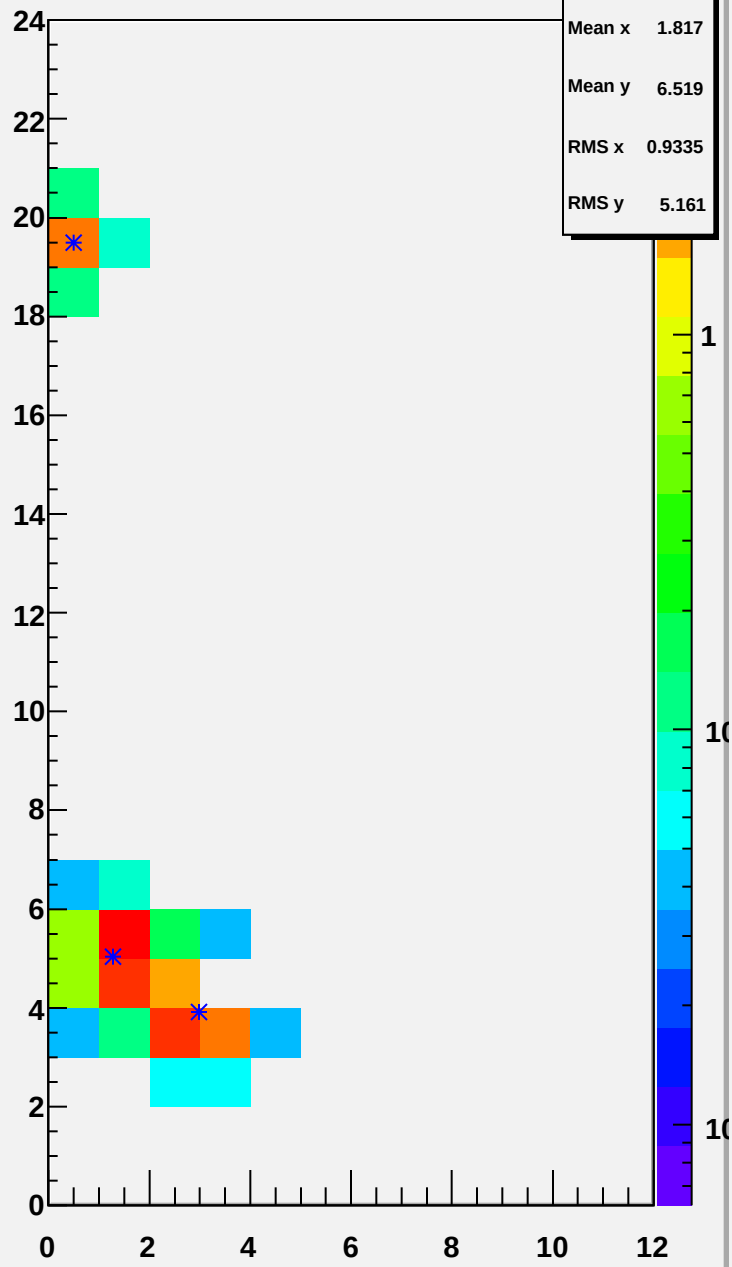
Efit

Entries	288
Mean x	2.441
Mean y	4.23
RMS x	0.3868
RMS y	1.431

NSTB3_r4_c3_En=24.2_m0=0.126 m1=0.126 index=2356



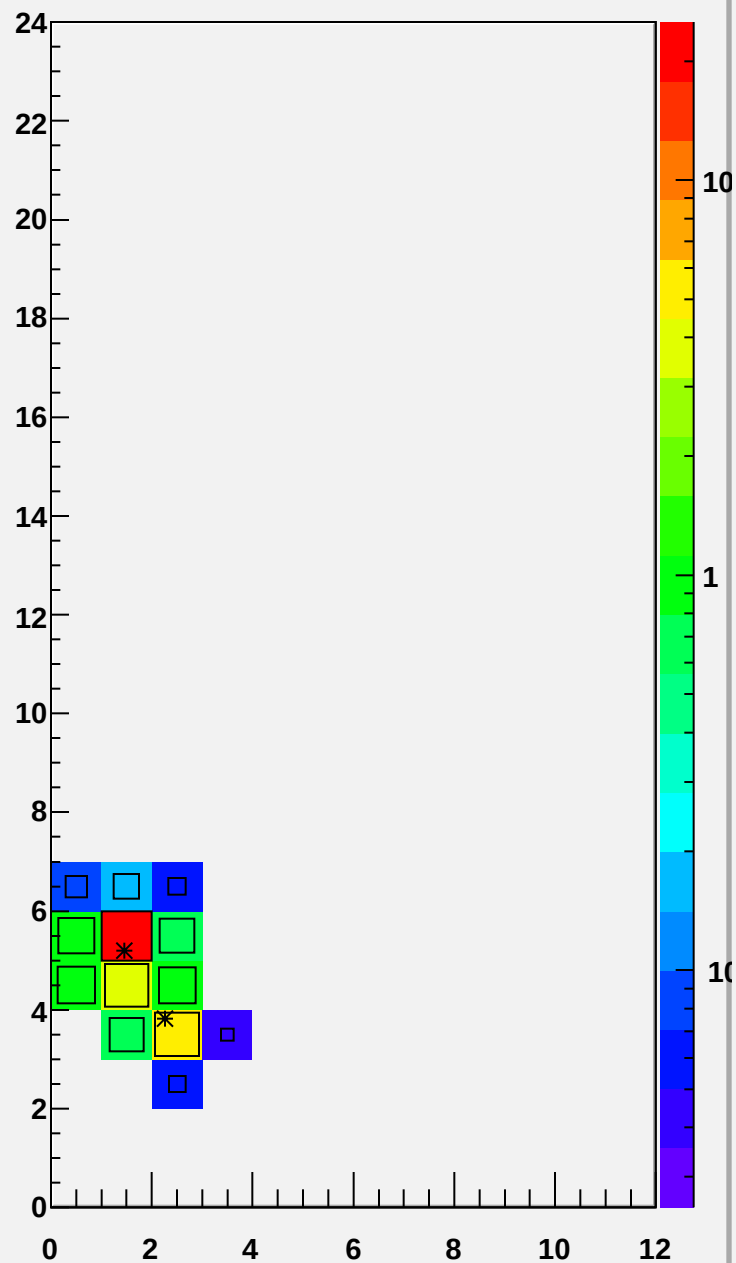
Fitted Energies



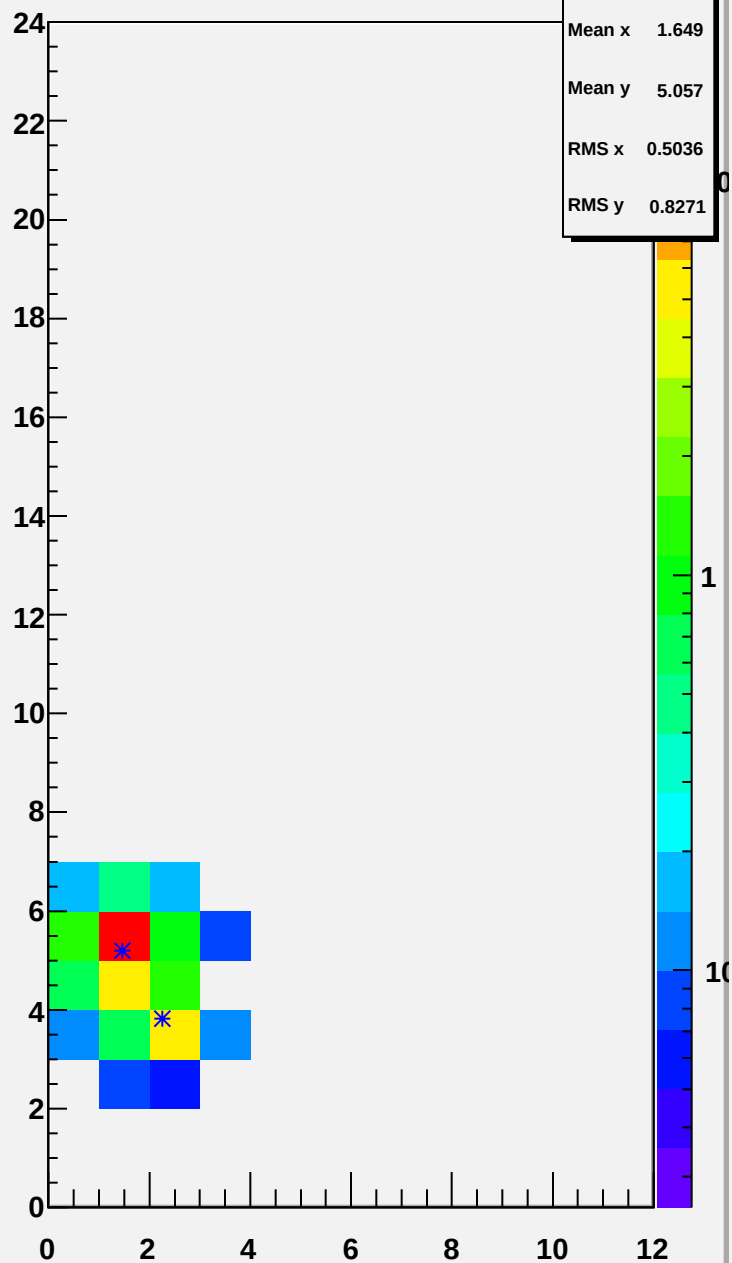
Efit

Entries	288
Mean x	1.817
Mean y	6.519
RMS x	0.9335
RMS y	5.161

NSTB3_r4_c3_En=38.8_m0=0.138 m1=0.138 index=2357



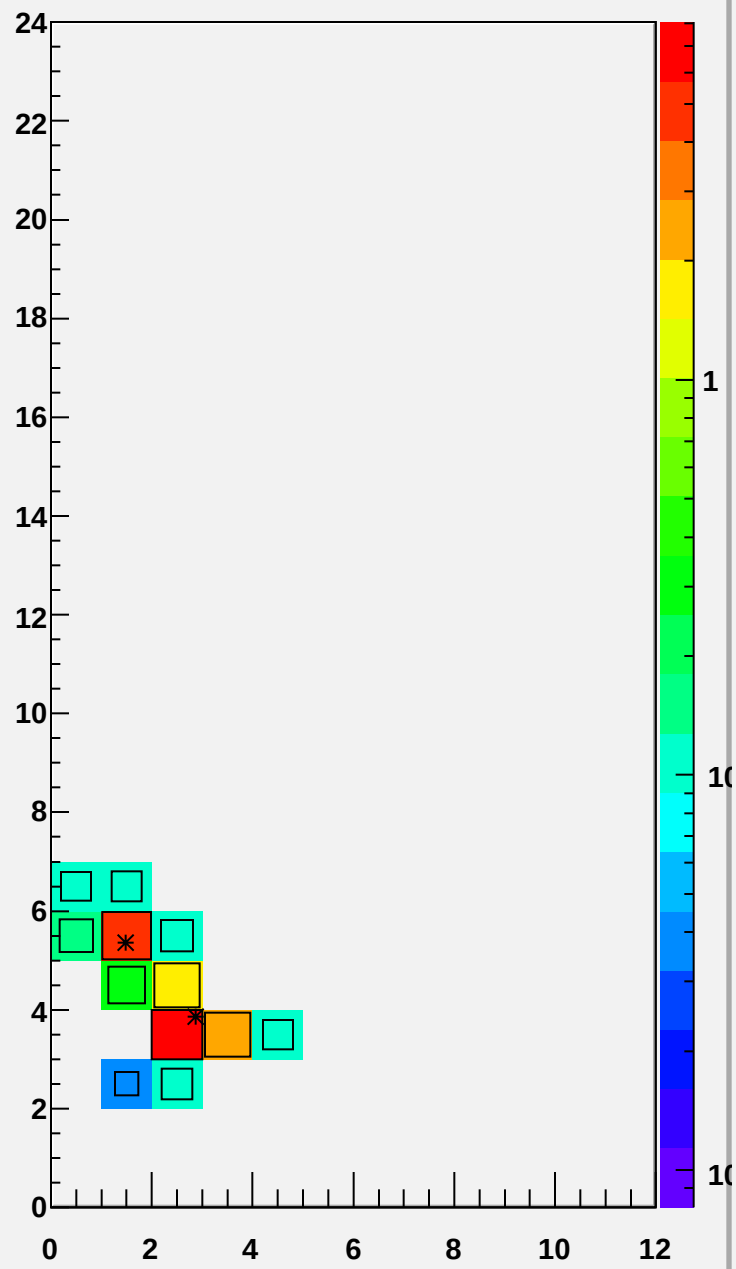
Fitted Energies



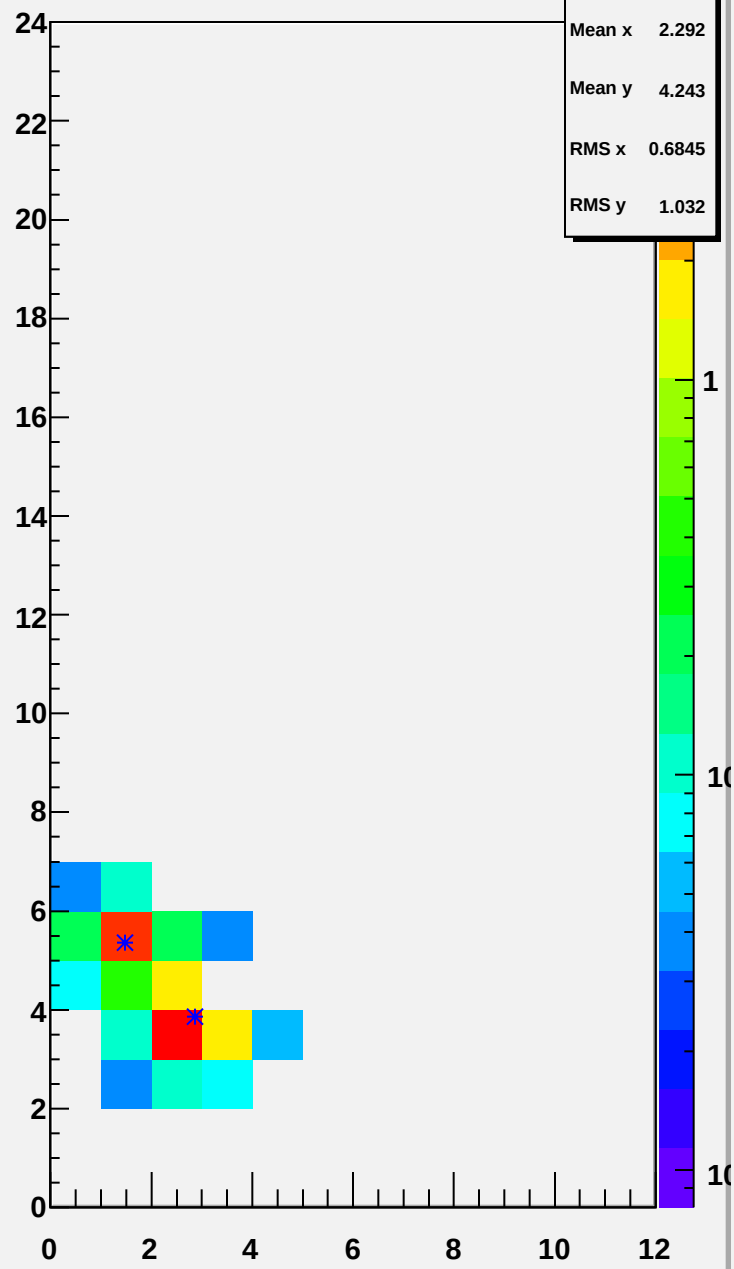
Efit

Entries	288
Mean x	1.649
Mean y	5.057
RMS x	0.5036
RMS y	0.8271

NSTB3_r4_c3_En=17.8_m0=0.099 m1=0.099 index=2358



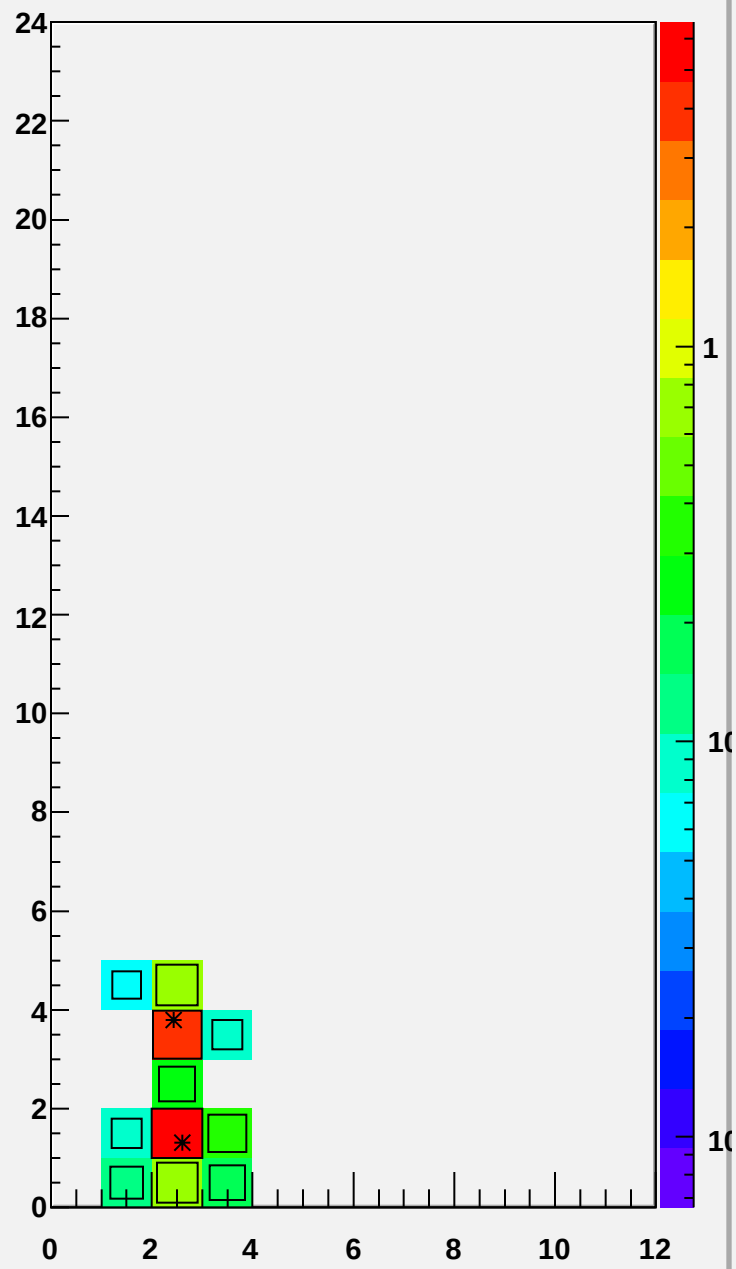
Fitted Energies



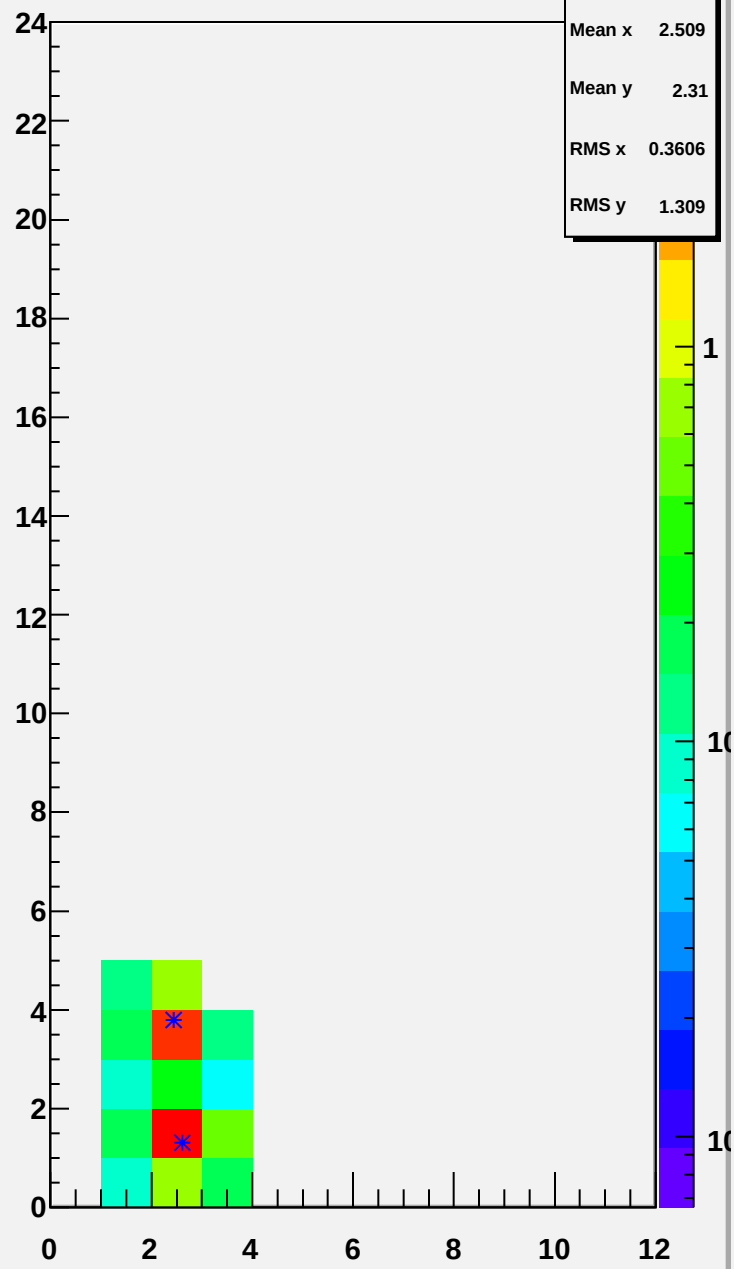
Efit

Entries	288
Mean x	2.292
Mean y	4.243
RMS x	0.6845
RMS y	1.032

NSTB3_r4_c3_En=13.1_m0=0.092 m1=0.092 index=2360



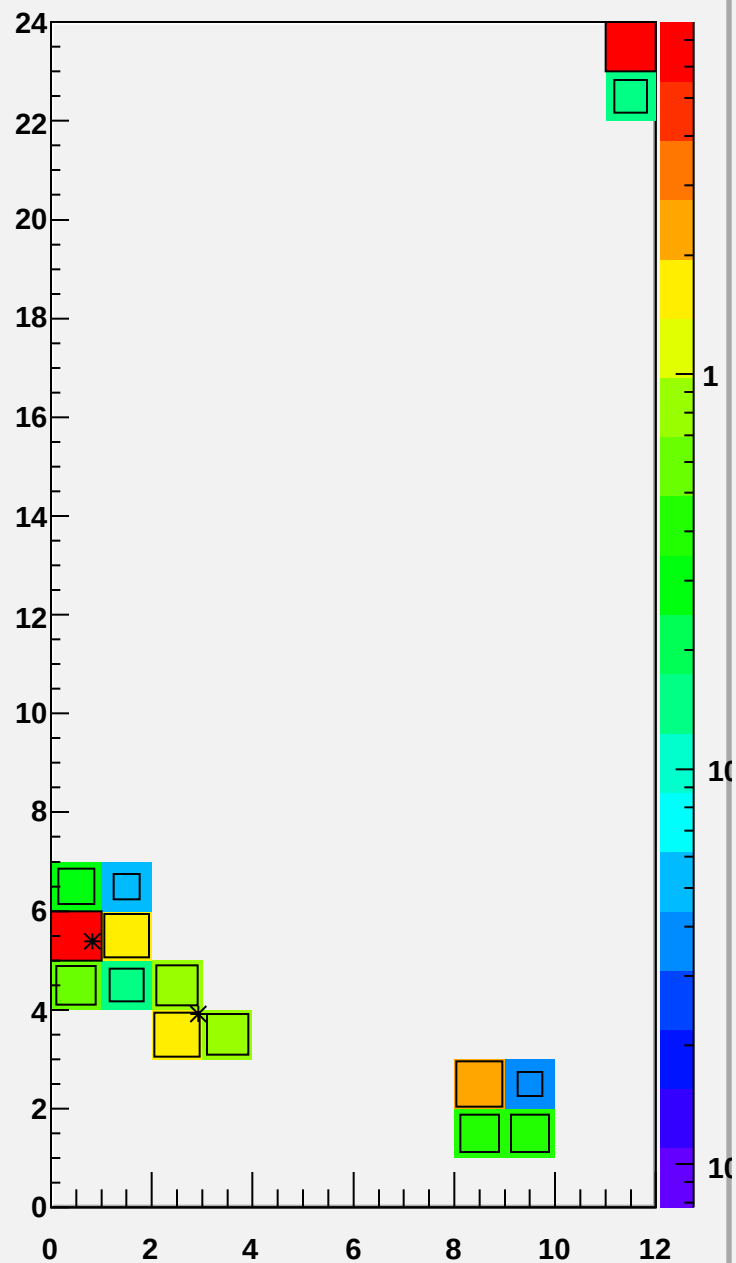
Fitted Energies



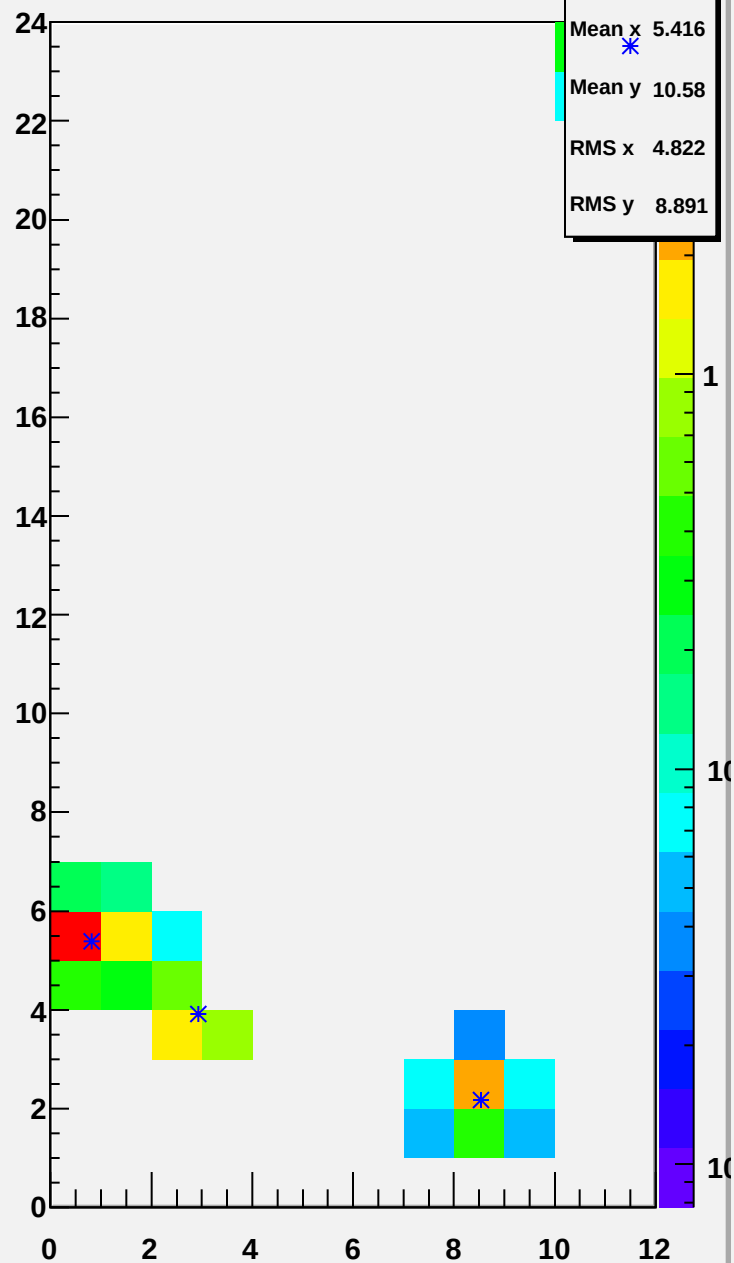
Efit

Entries	288
Mean x	2.509
Mean y	2.31
RMS x	0.3606
RMS y	1.309

NSTB3_r4_c3_En=24.9_m0=0.090 m1=0.090 index=2361



Fitted Energies



Efit

Entries 288

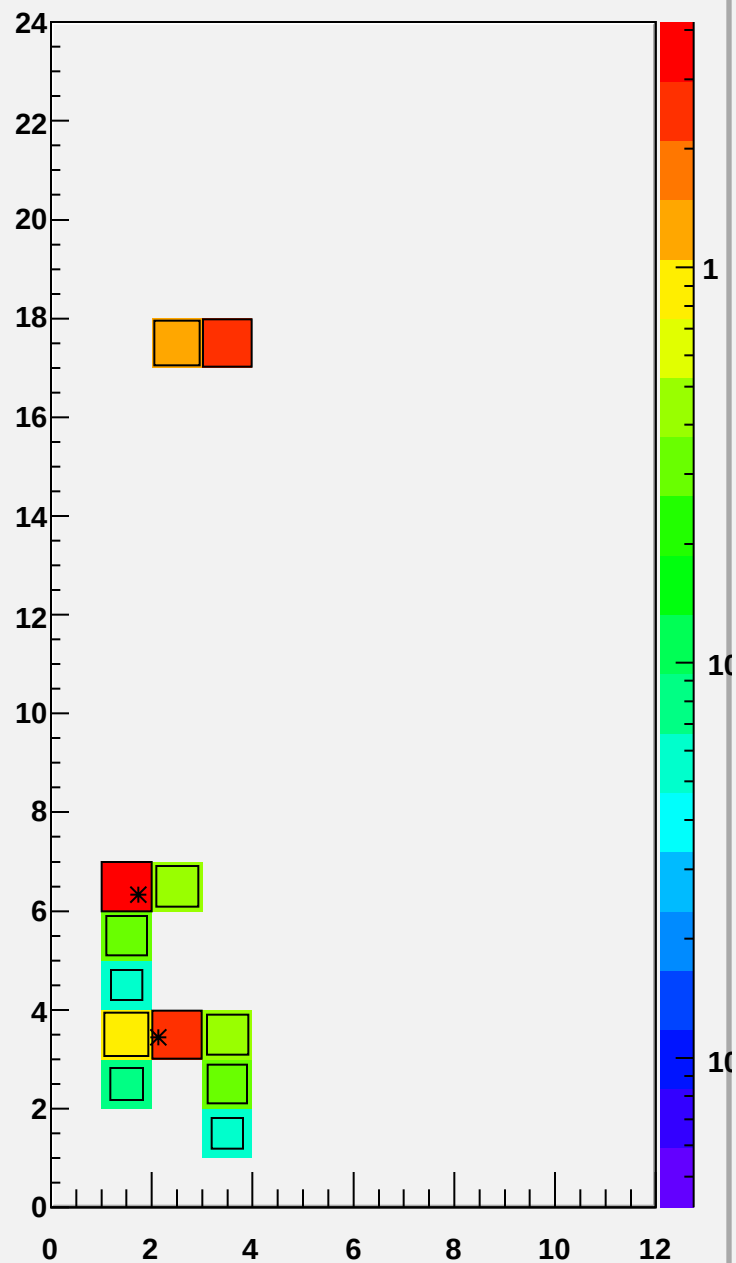
Mean x 5.416

Mean y 10.58

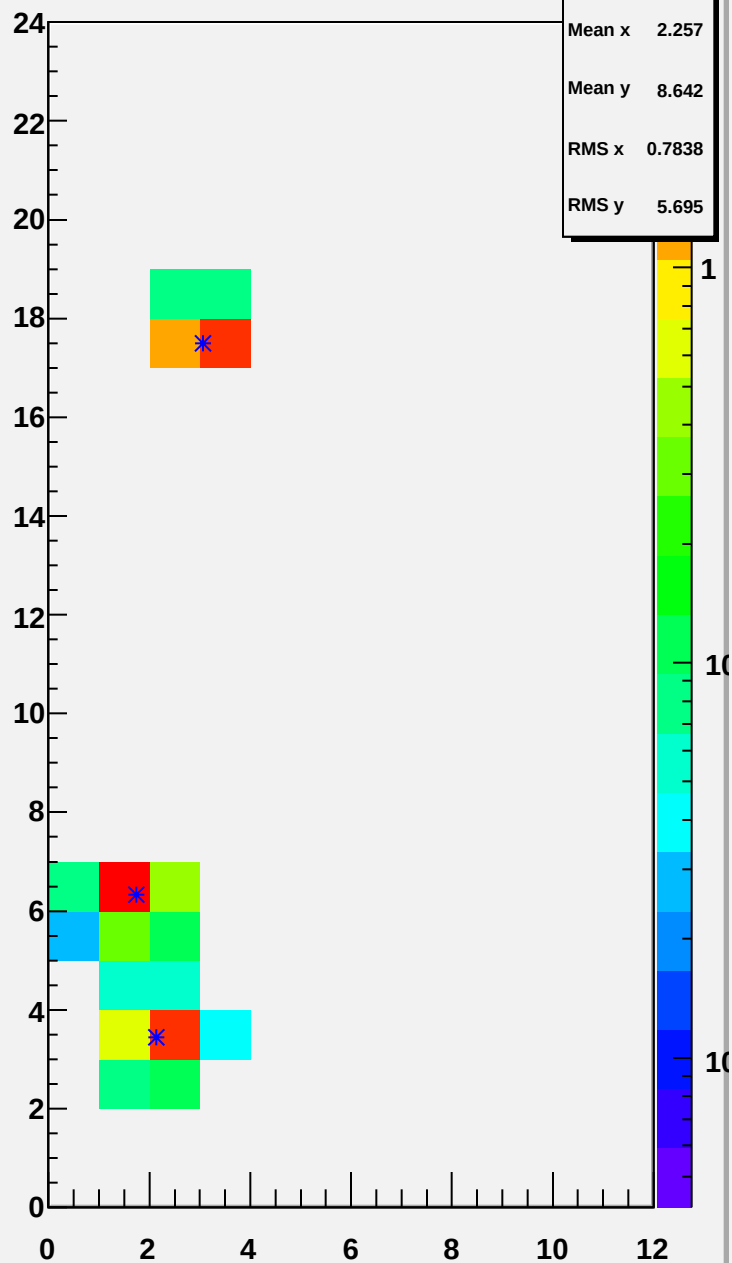
RMS x 4.822

RMS y 8.891

NSTB3_r4_c3_En=13.1_m0=0.078 m1=0.078 index=2362



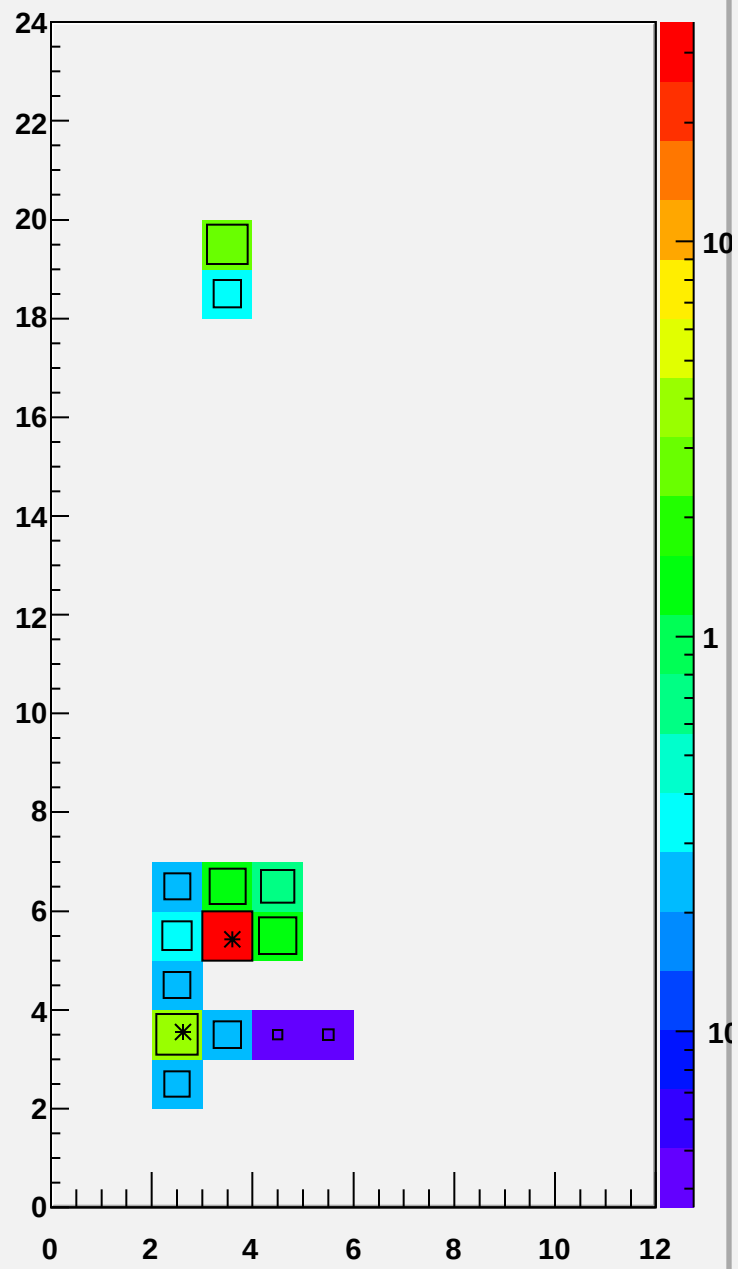
Fitted Energies



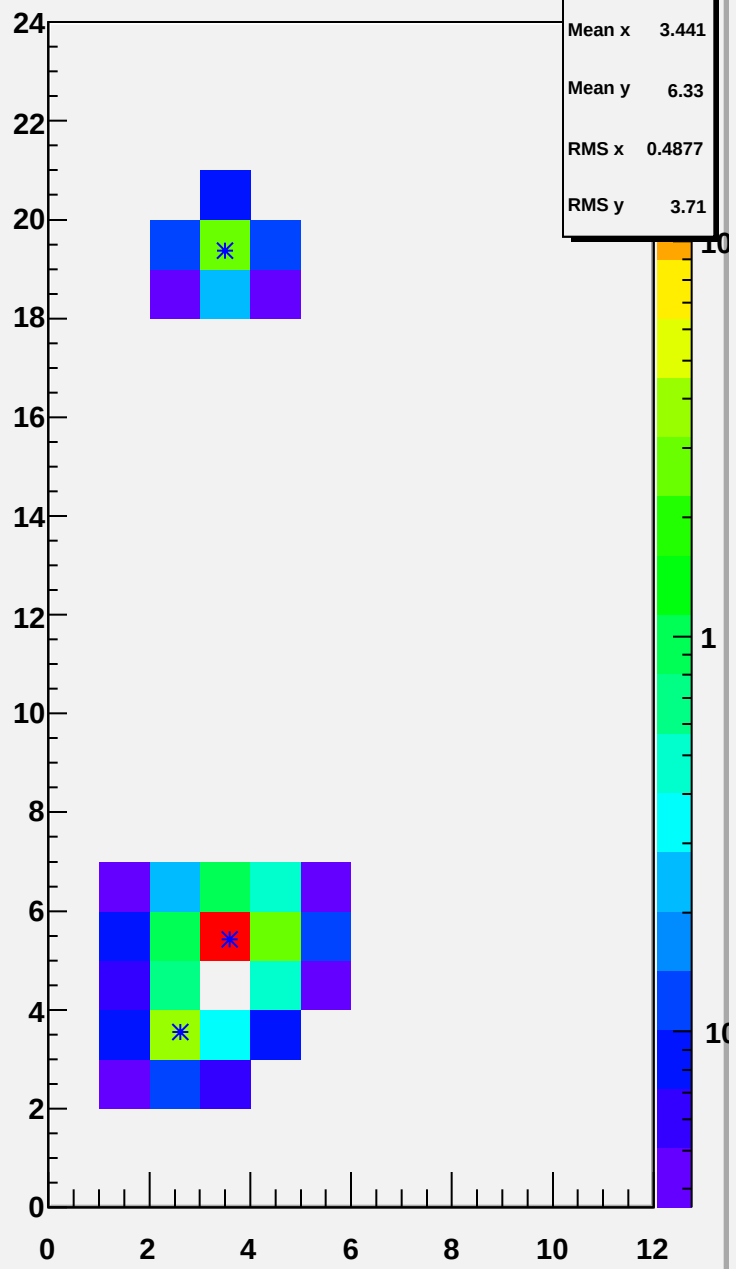
Efit

Entries	288
Mean x	2.257
Mean y	8.642
RMS x	0.7838
RMS y	5.695

NSTB3_r4_c3_En=48.1_m0=0.171 m1=0.170 index=2363



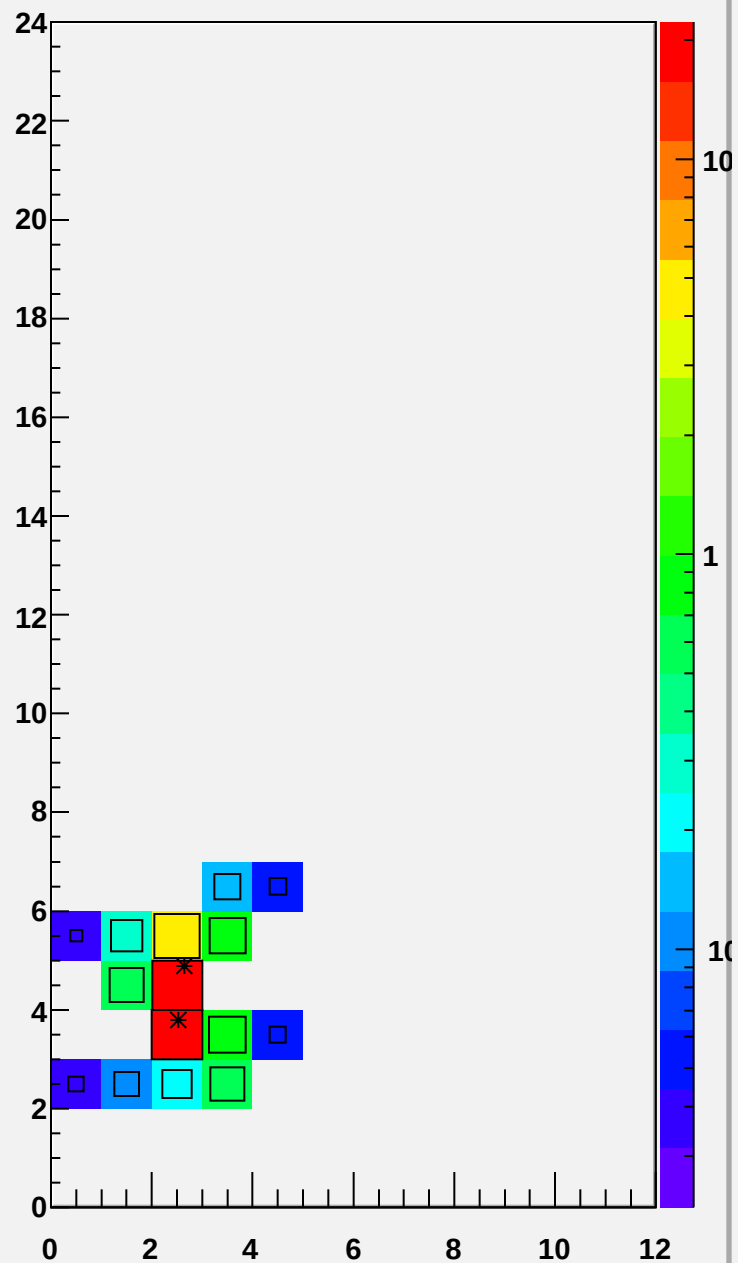
Fitted Energies



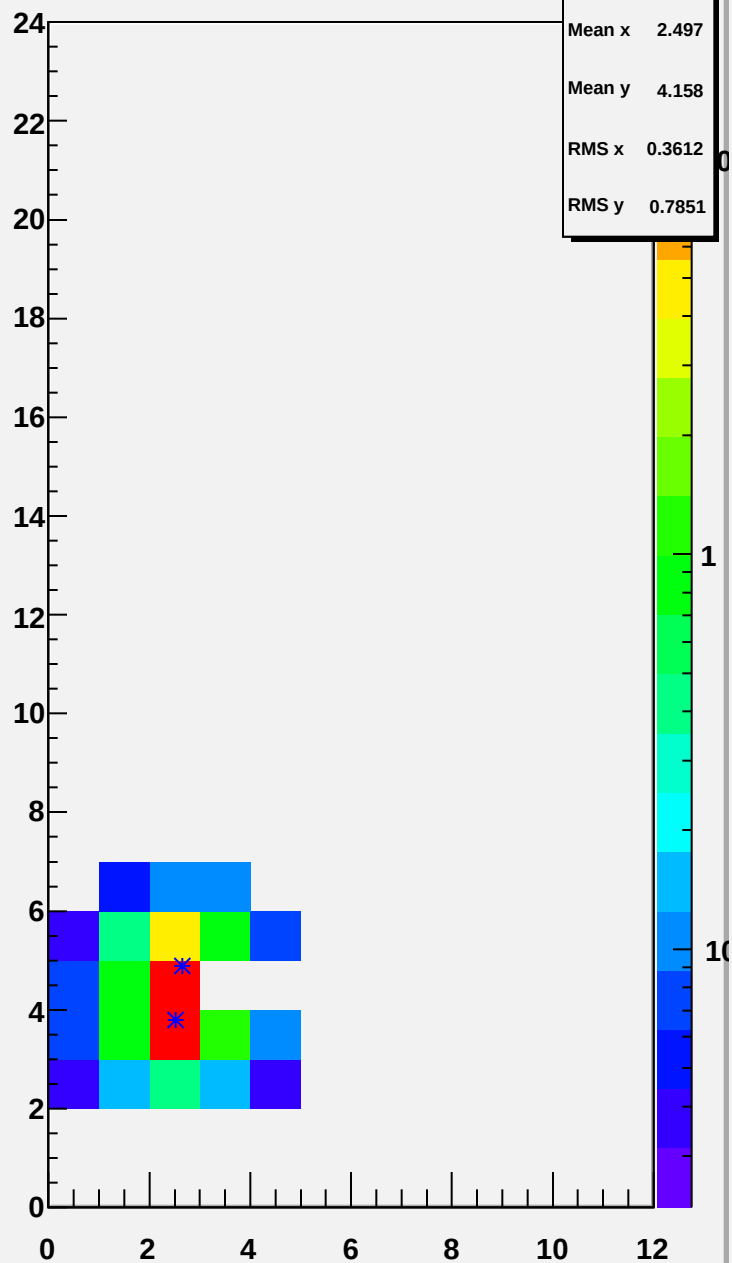
Efit

Entries	288
Mean x	3.441
Mean y	6.33
RMS x	0.4877
RMS y	3.71

NSTB3_r4_c3_En=51.5_m0=0.166 m1=0.166 index=2364



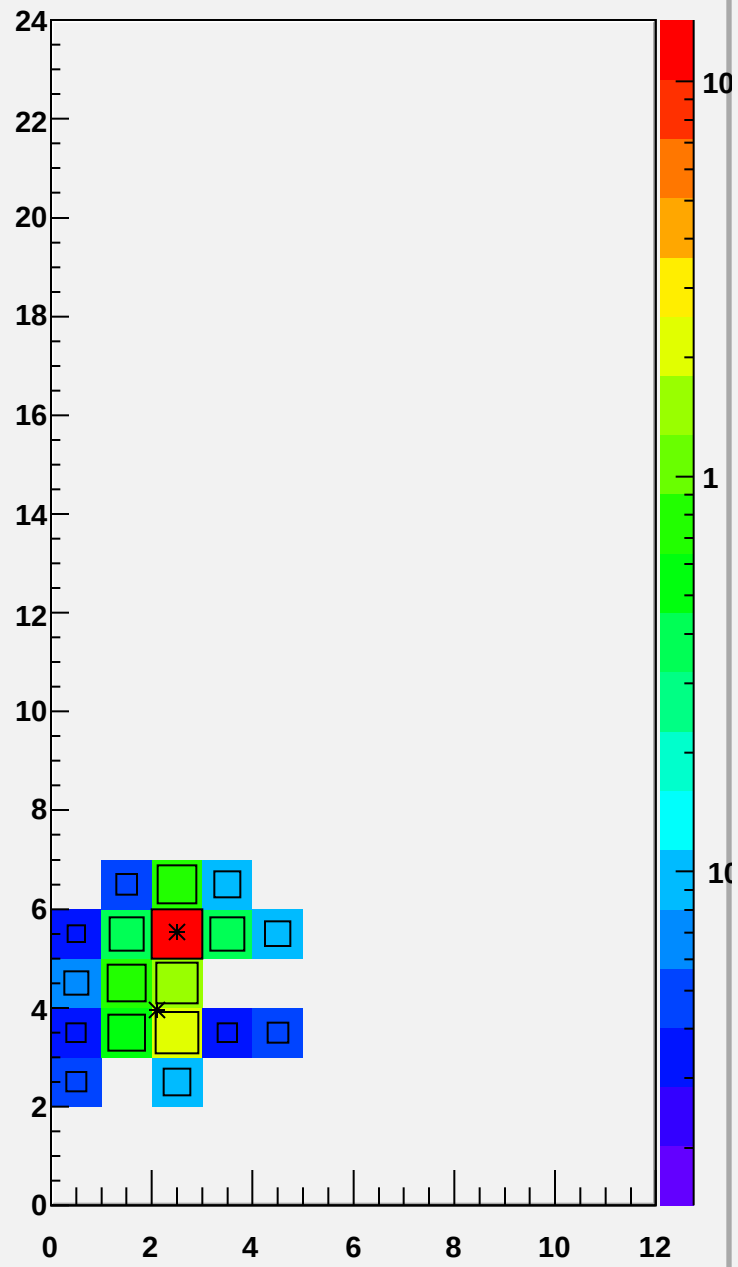
Fitted Energies



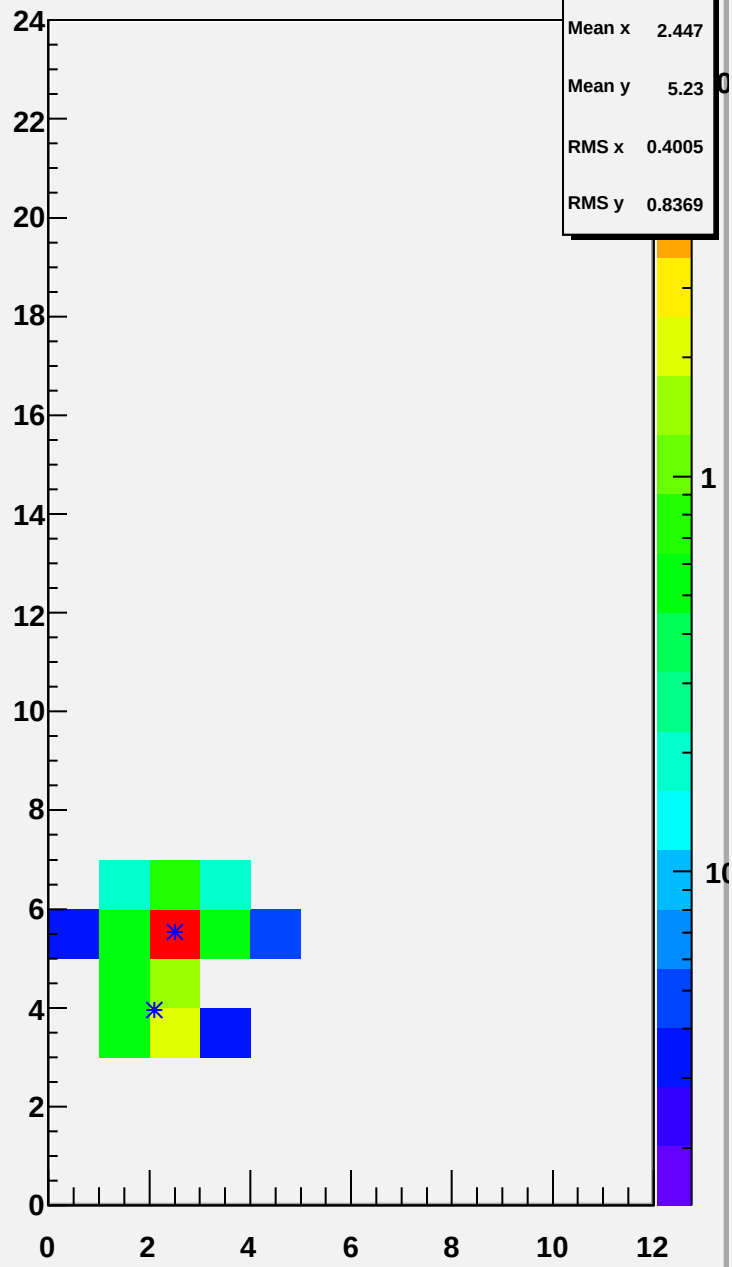
Efit

Entries	288
Mean x	2.497
Mean y	4.158
RMS x	0.3612
RMS y	0.7851

NSTB3_r4_c3_En=21.0_m0=0.076 m1=0.077 index=2366



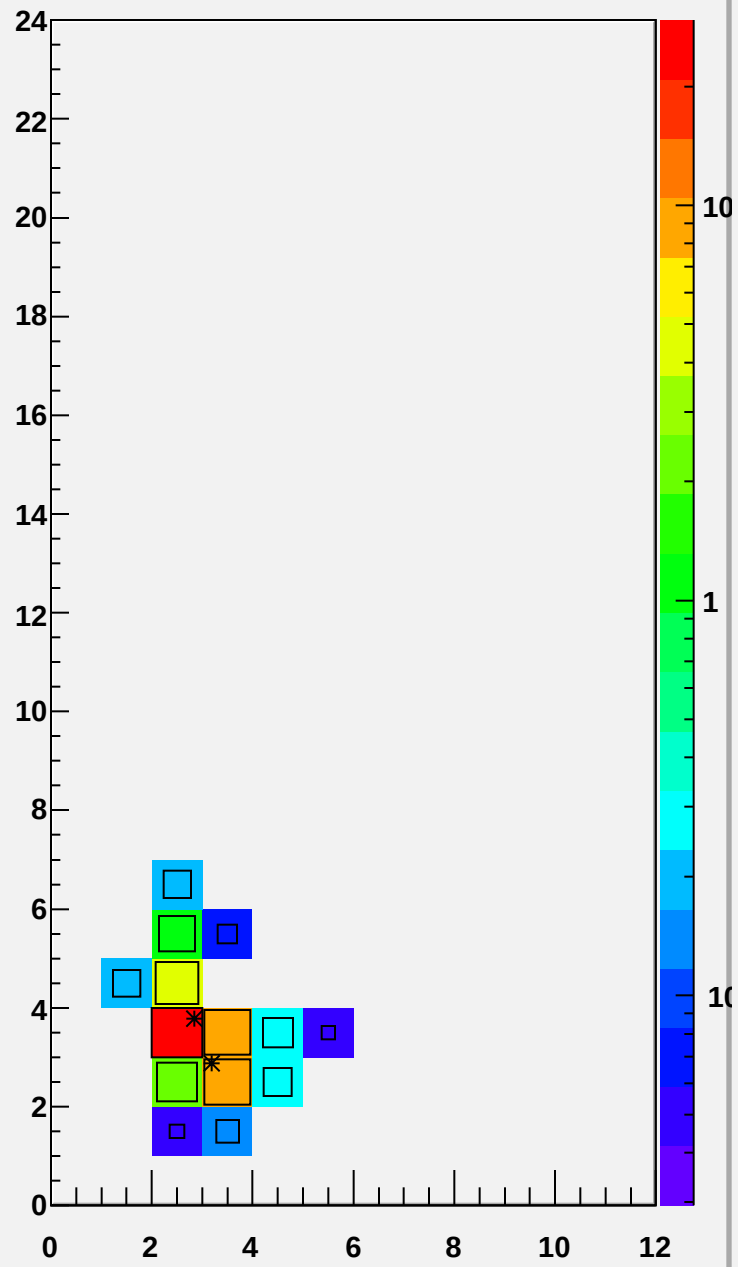
Fitted Energies



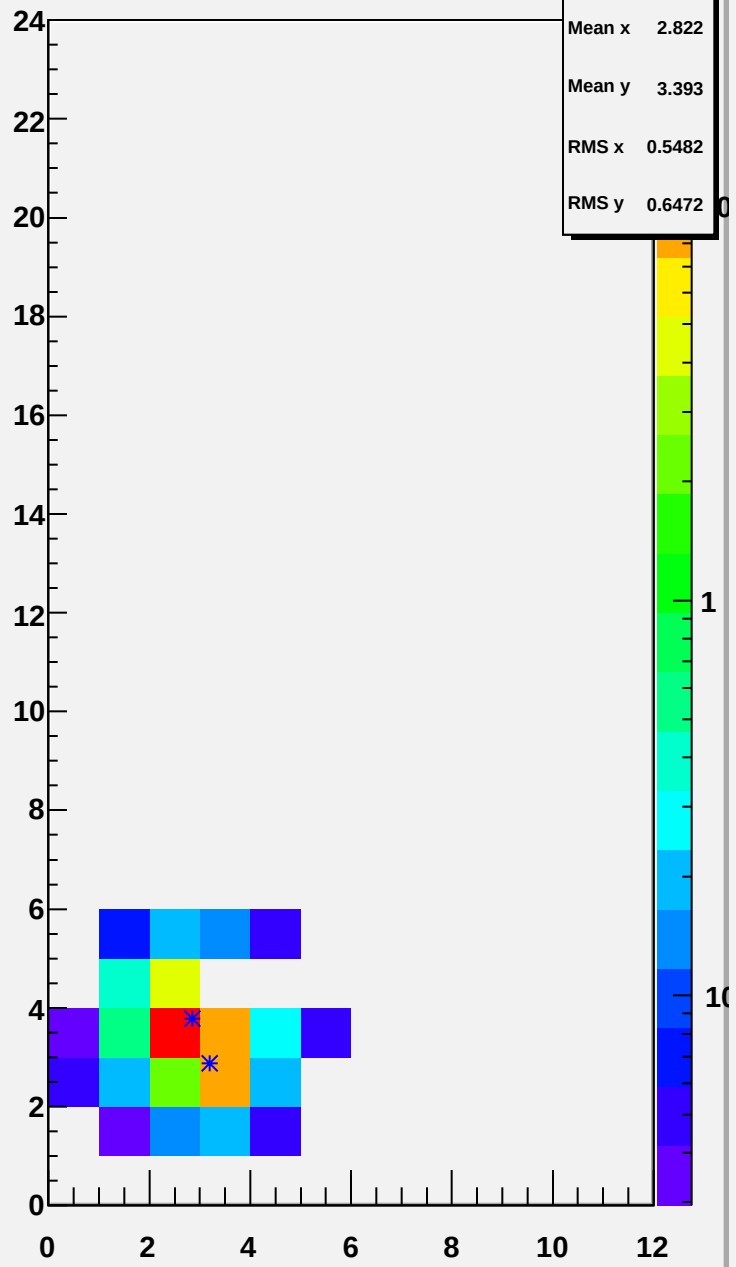
Efit

Entries	288
Mean x	2.447
Mean y	5.23
RMS x	0.4005
RMS y	0.8369

NSTB3_r4_c3_En=55.5_m0=0.131 m1=0.131 index=2368



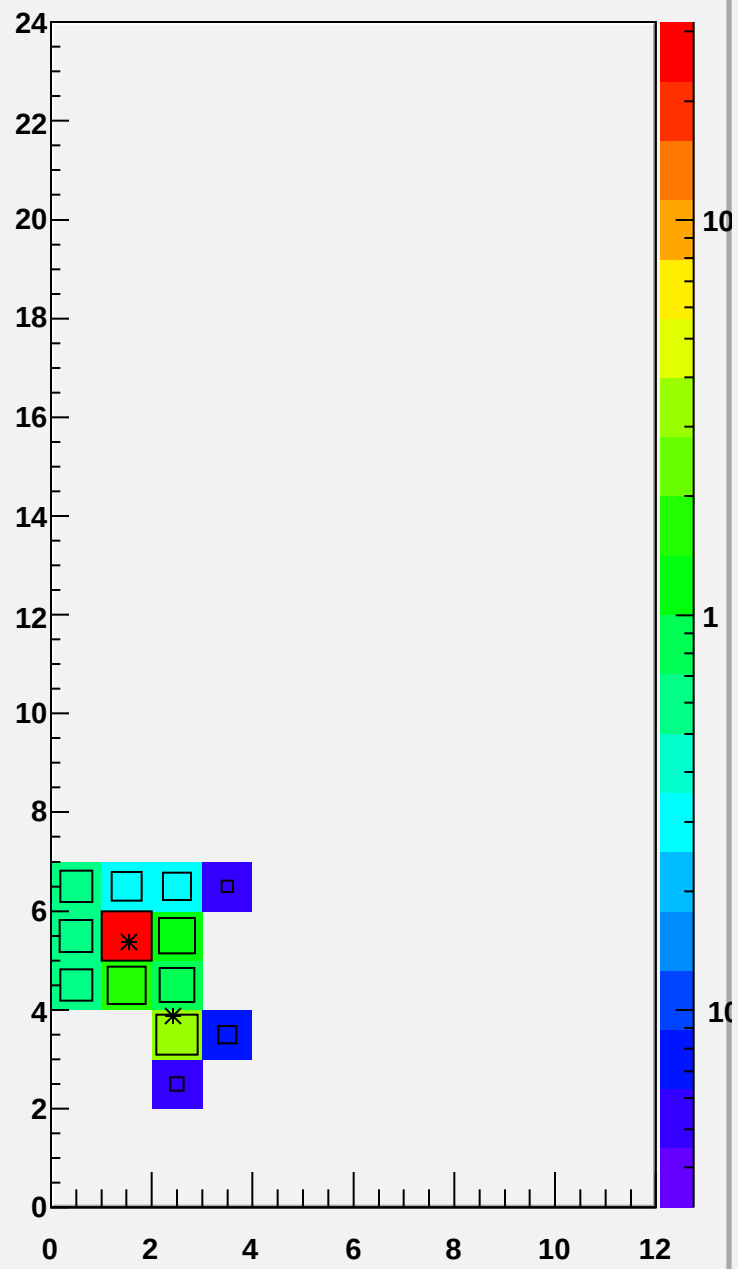
Fitted Energies



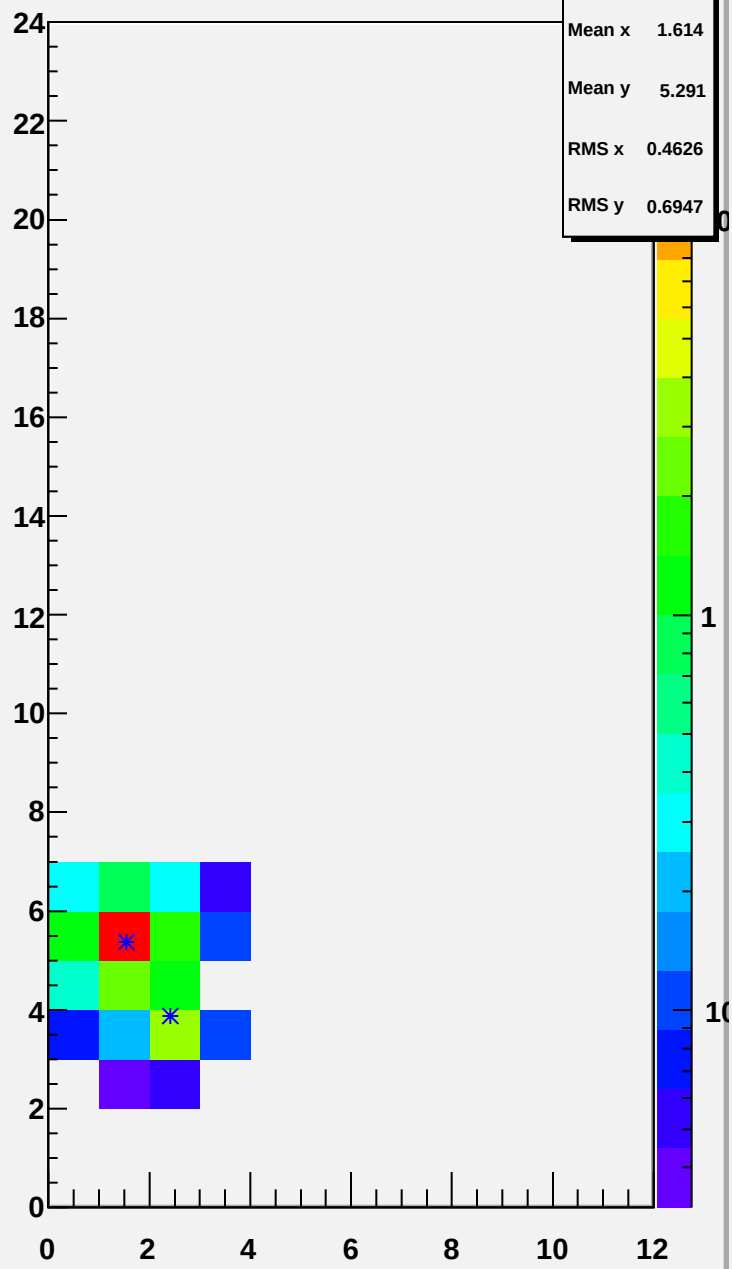
Efit

Entries	288
Mean x	2.822
Mean y	3.393
RMS x	0.5482
RMS y	0.6472

NSTB3_r4_c3_En=40.6_m0=0.123 m1=0.123 index=2369



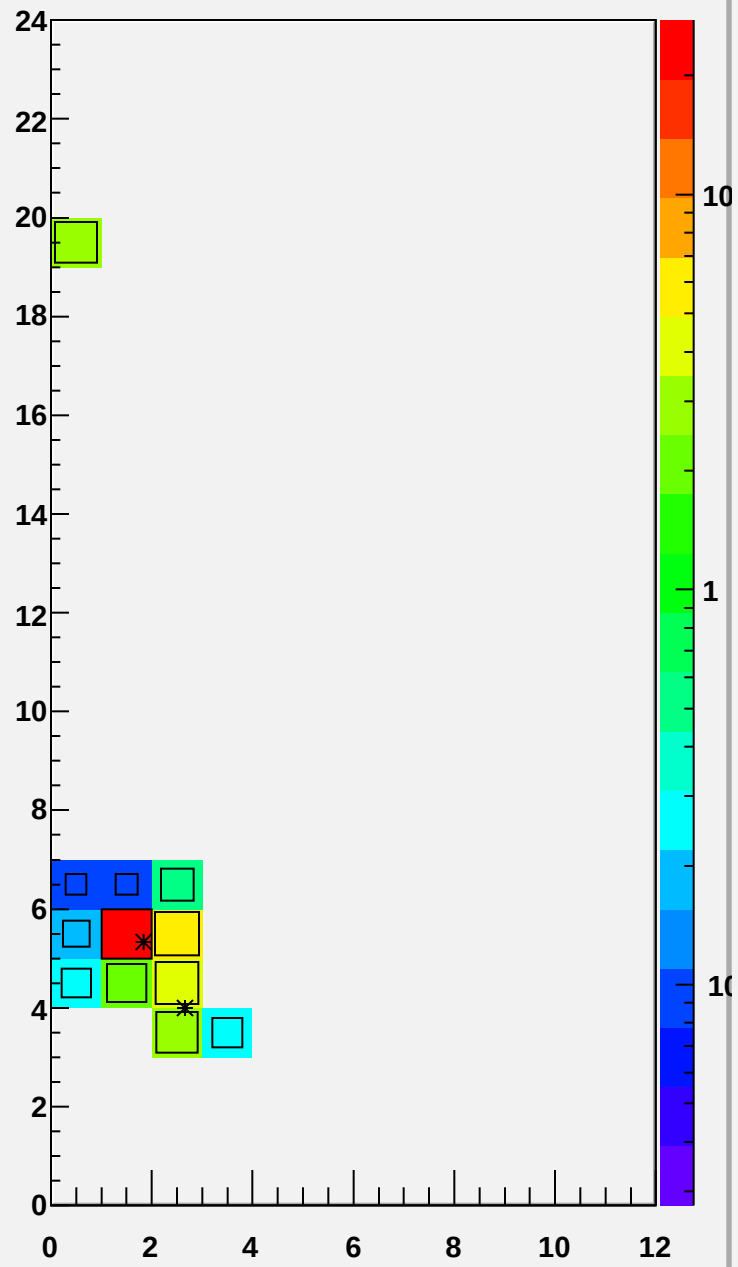
Fitted Energies



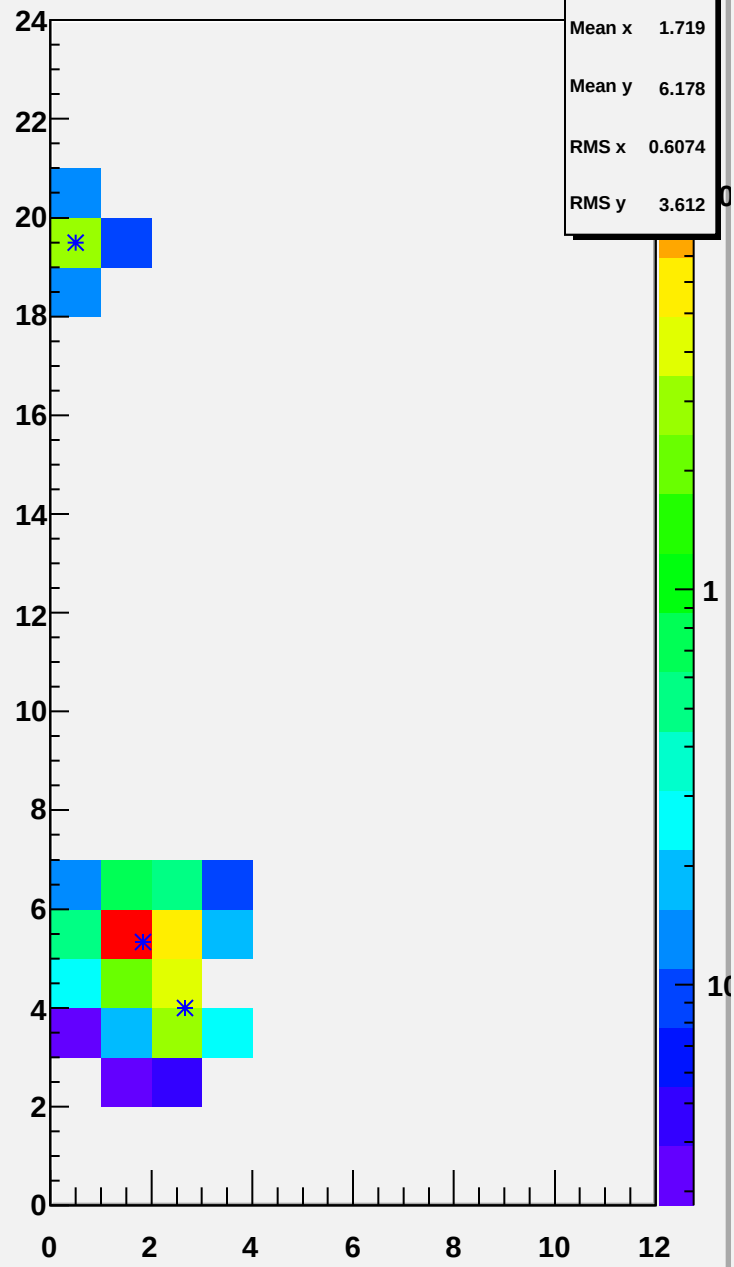
Efit

Entries	288
Mean x	1.614
Mean y	5.291
RMS x	0.4626
RMS y	0.6947

NSTB3_r4_c3_En=46.9_m0=0.138 m1=0.139 index=2370



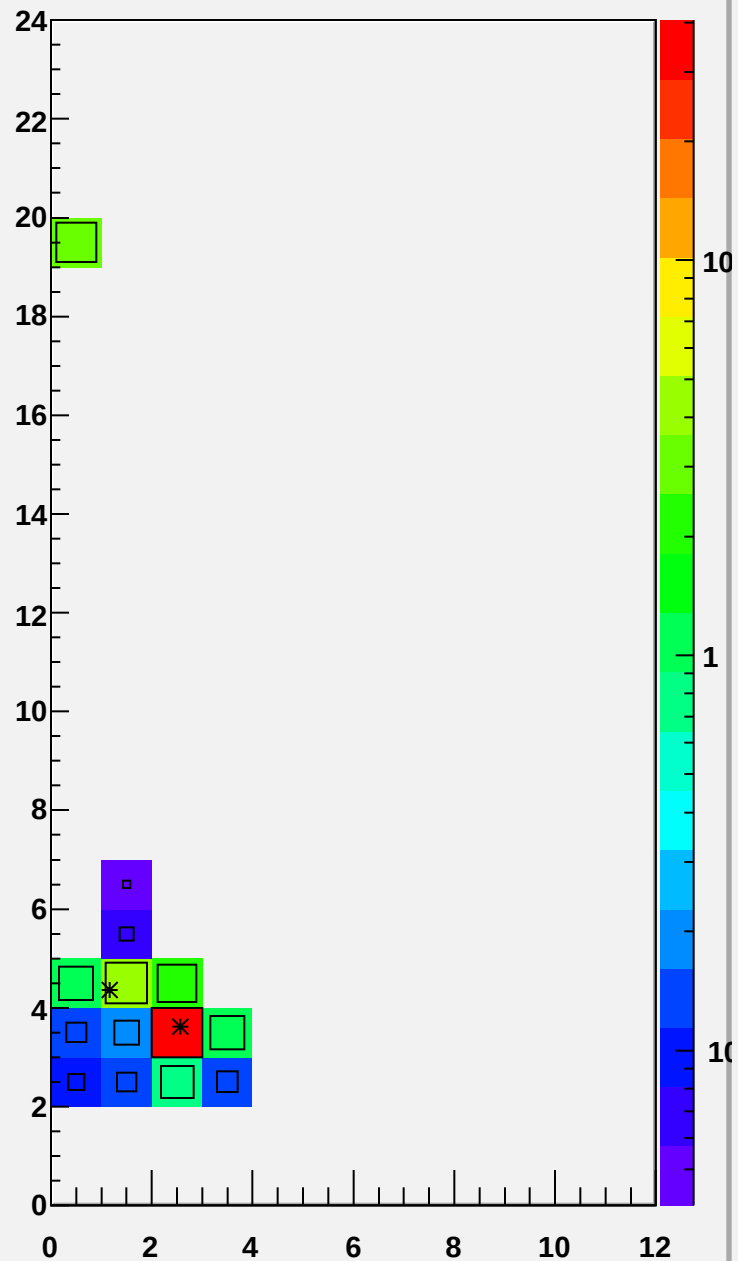
Fitted Energies



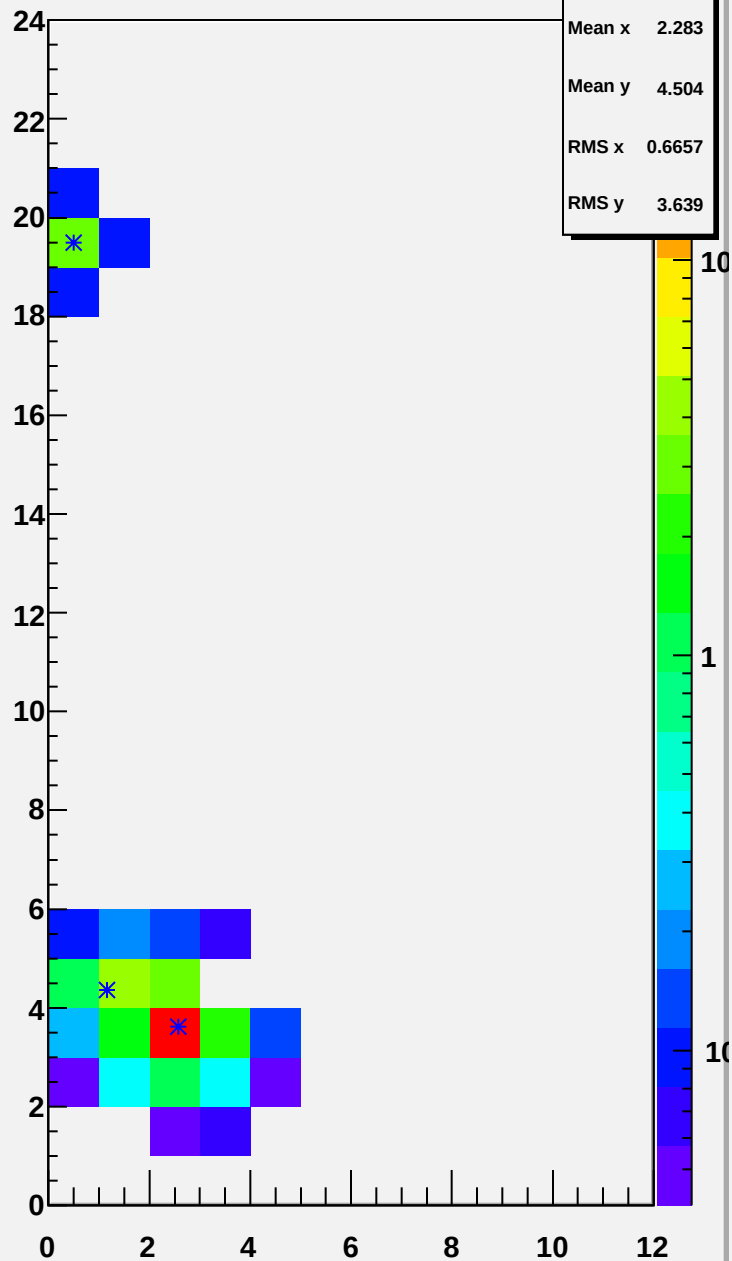
Efit

Entries	288
Mean x	1.719
Mean y	6.178
RMS x	0.6074
RMS y	3.612

NSTB3_r4_c3_En=53.7_m0=0.149 m1=0.149 index=2372



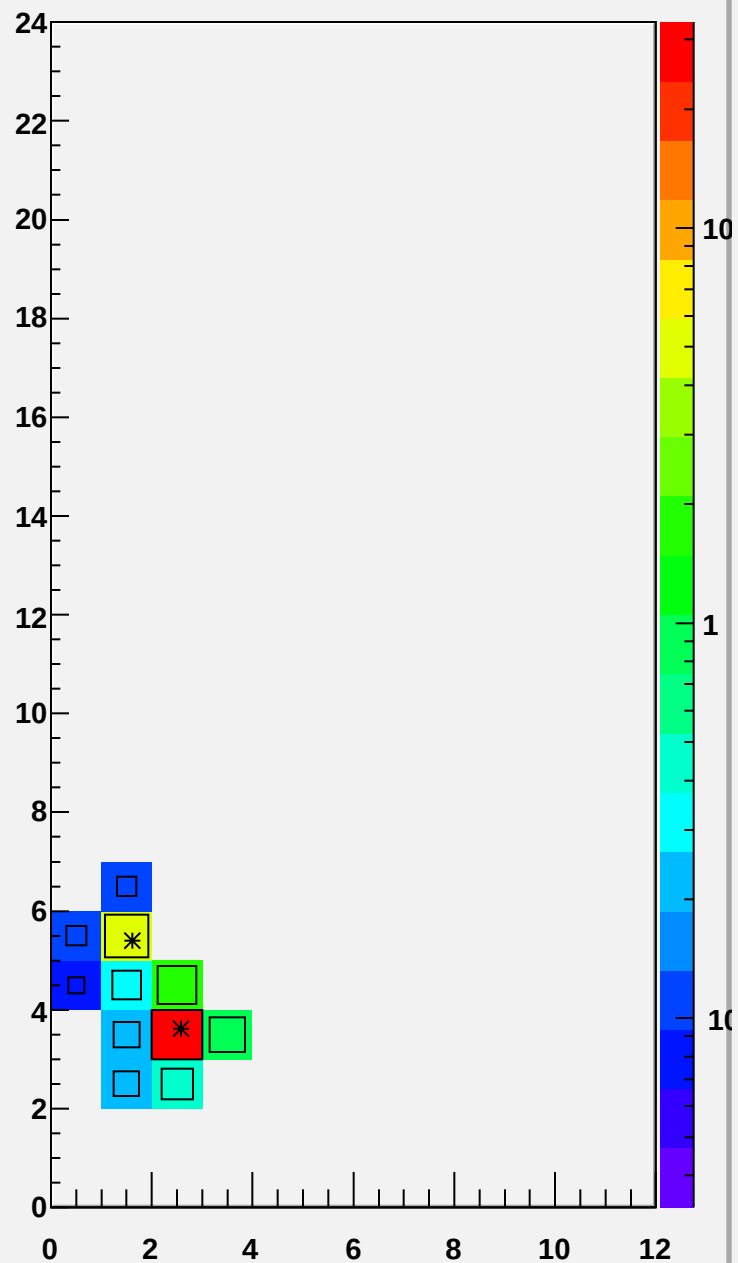
Fitted Energies



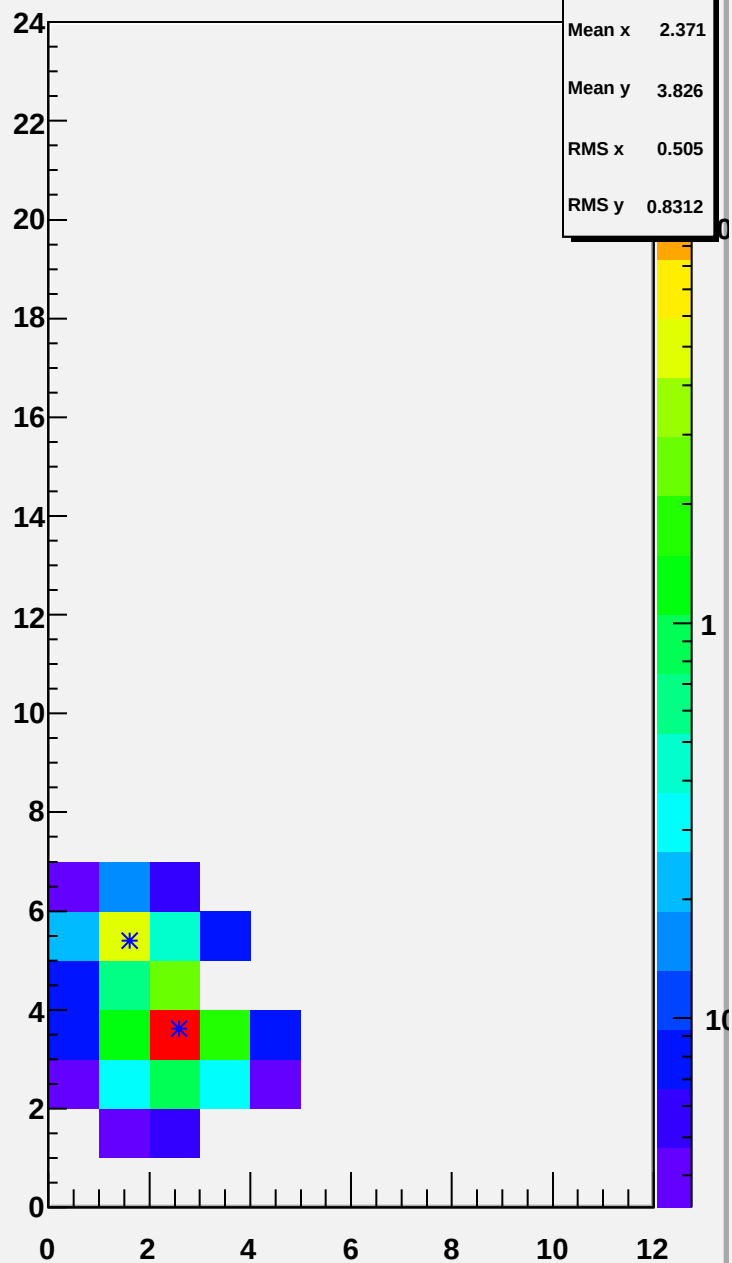
Efit

Entries	288
Mean x	2.283
Mean y	4.504
RMS x	0.6657
RMS y	3.639

NSTB3_r4_c3_En=43.2_m0=0.188 m1=0.188 index=2373



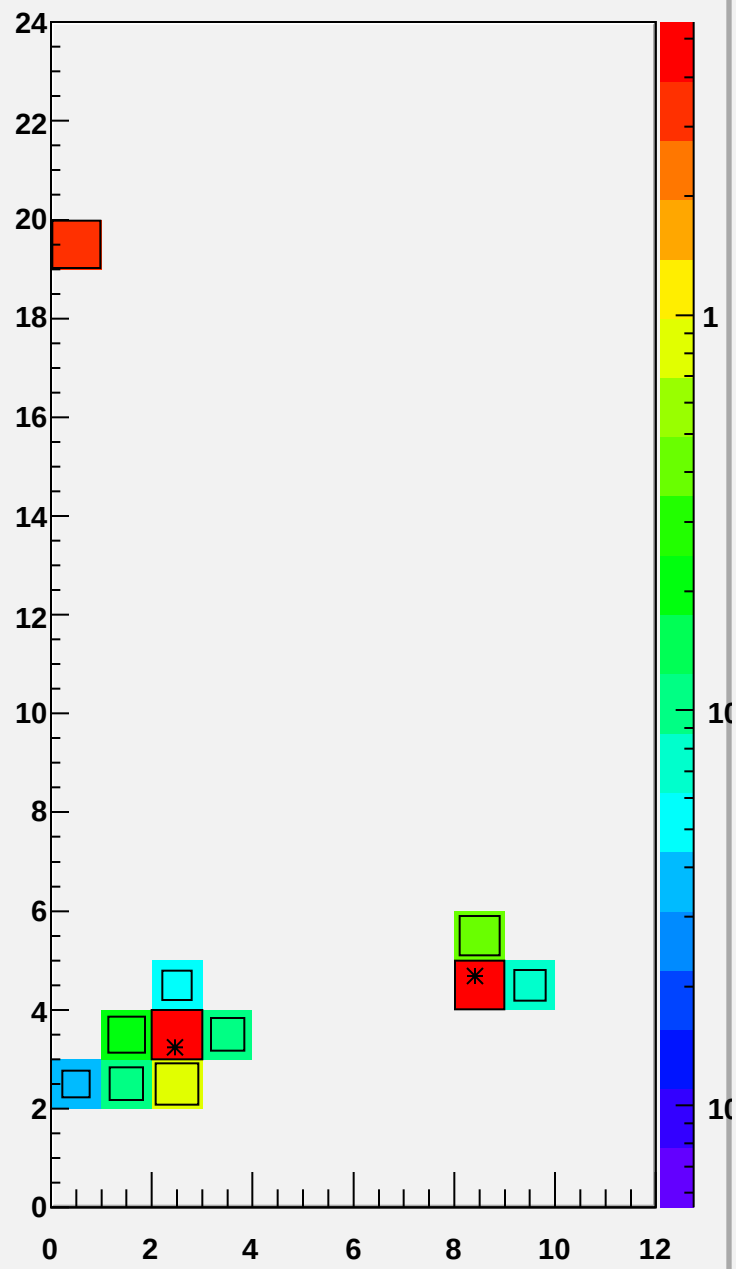
Fitted Energies



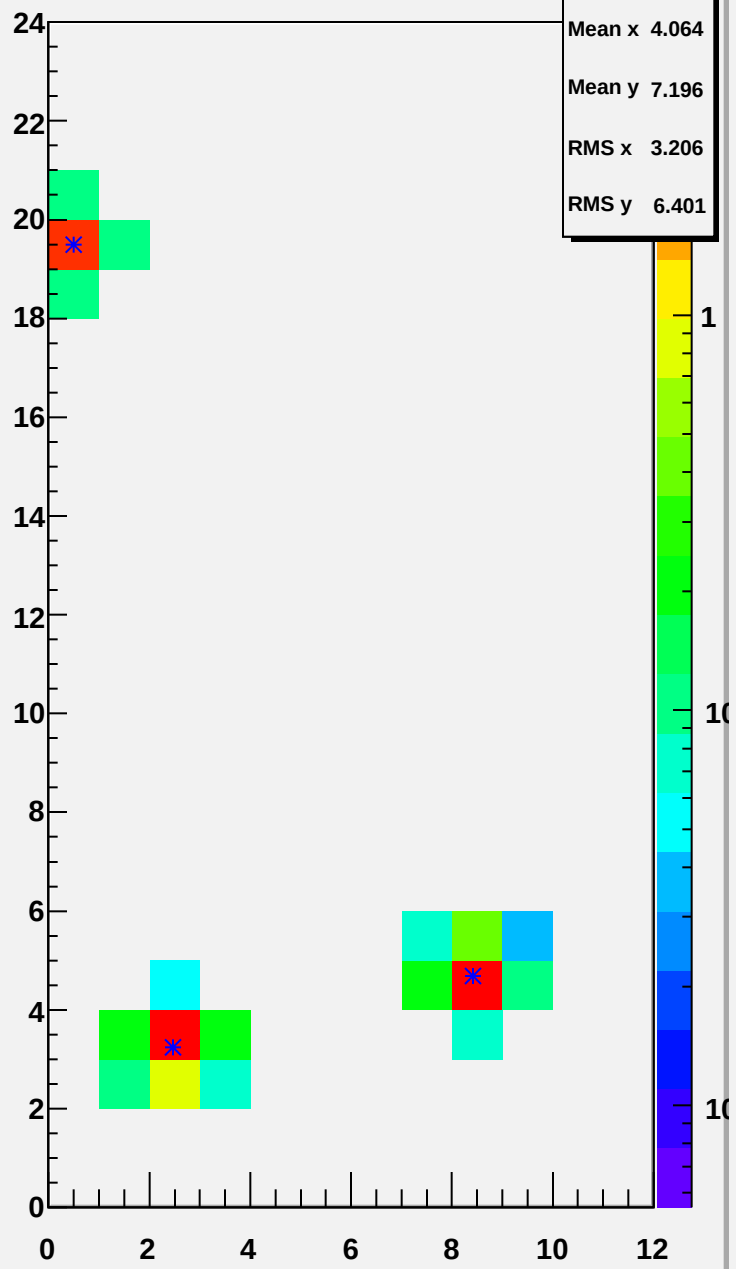
Efit

Entries	288
Mean x	2.371
Mean y	3.826
RMS x	0.505
RMS y	0.8312

NSTB3_r4_c3_En=14.8_m0=0.204 m1=0.204 index=2374



Fitted Energies



Efit

Entries 288

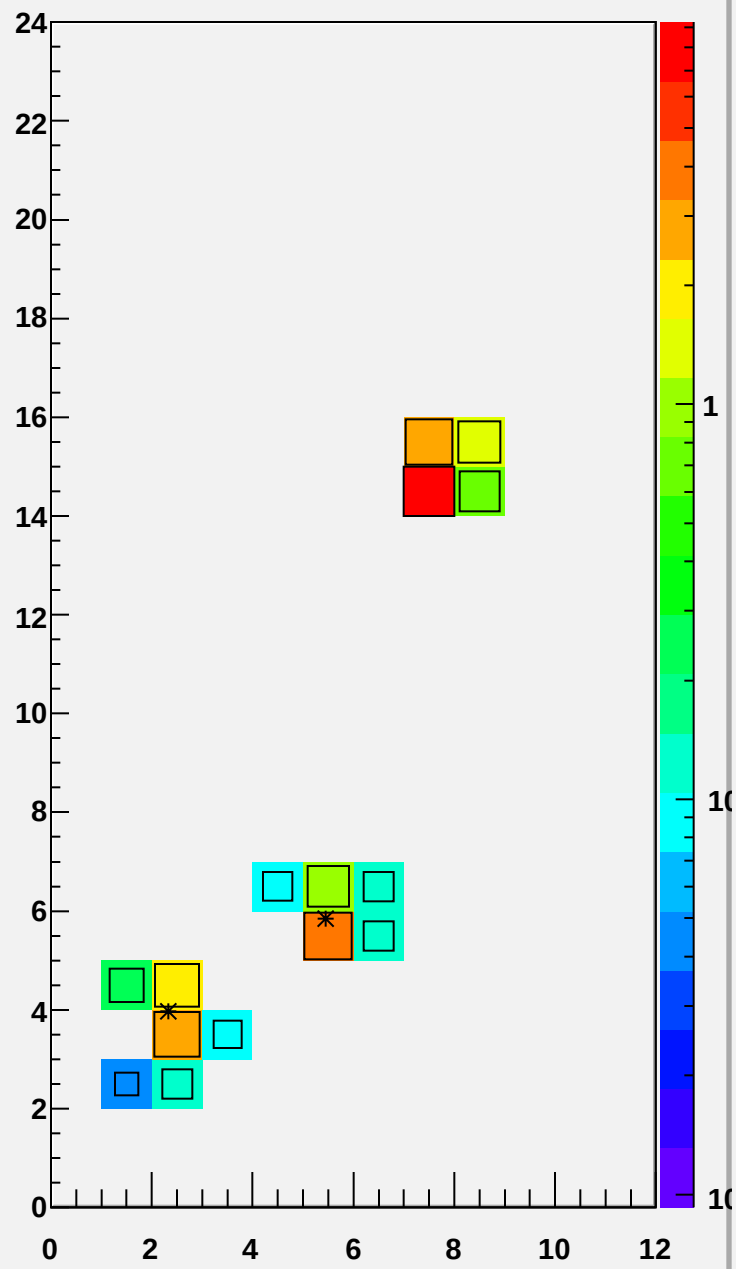
Mean x 4.064

Mean y 7.196

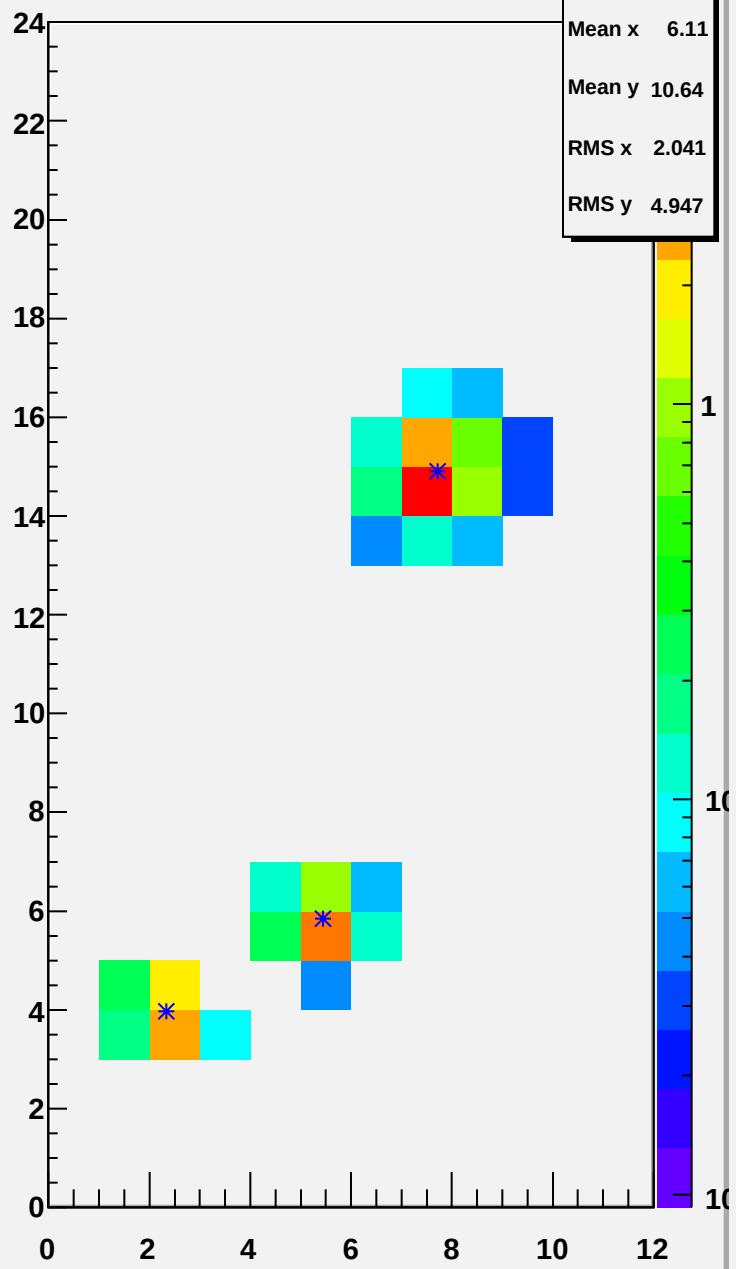
RMS x 3.206

RMS y 6.401

NSTB3_r4_c3_En=24.7_m0=0.112 m1=0.112 index=2375



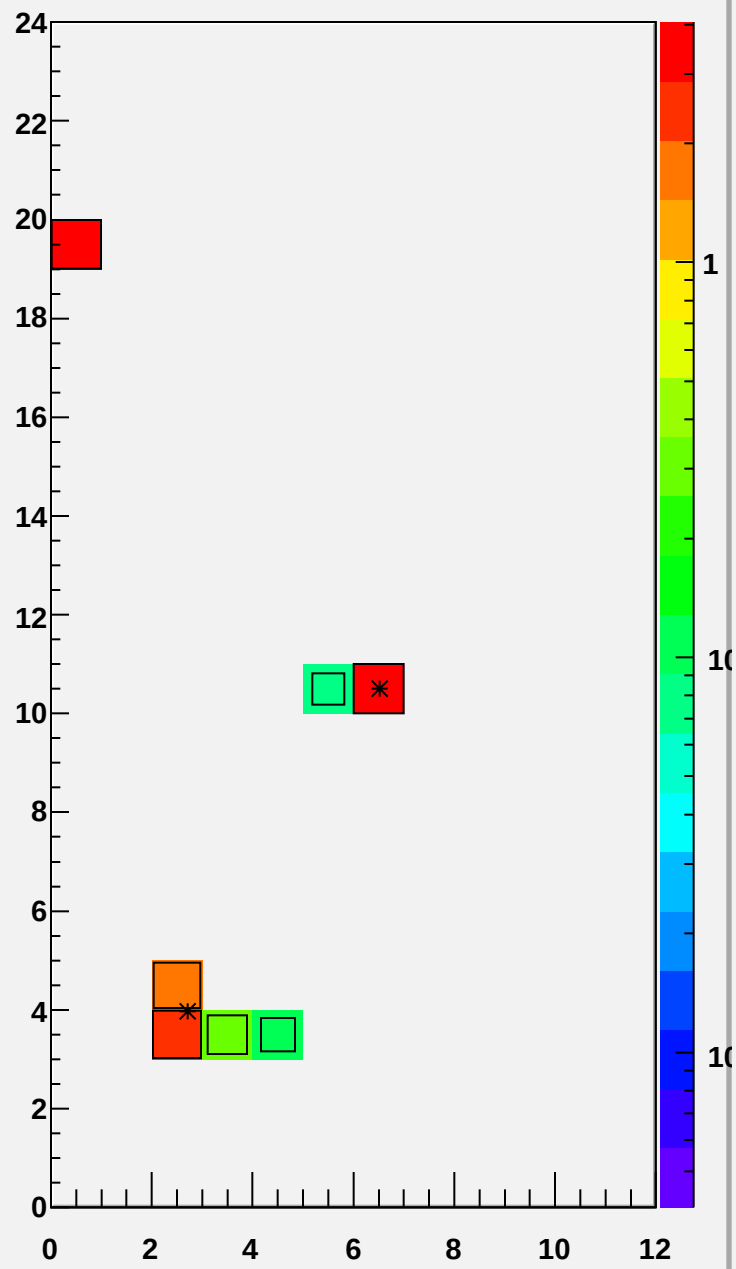
Fitted Energies



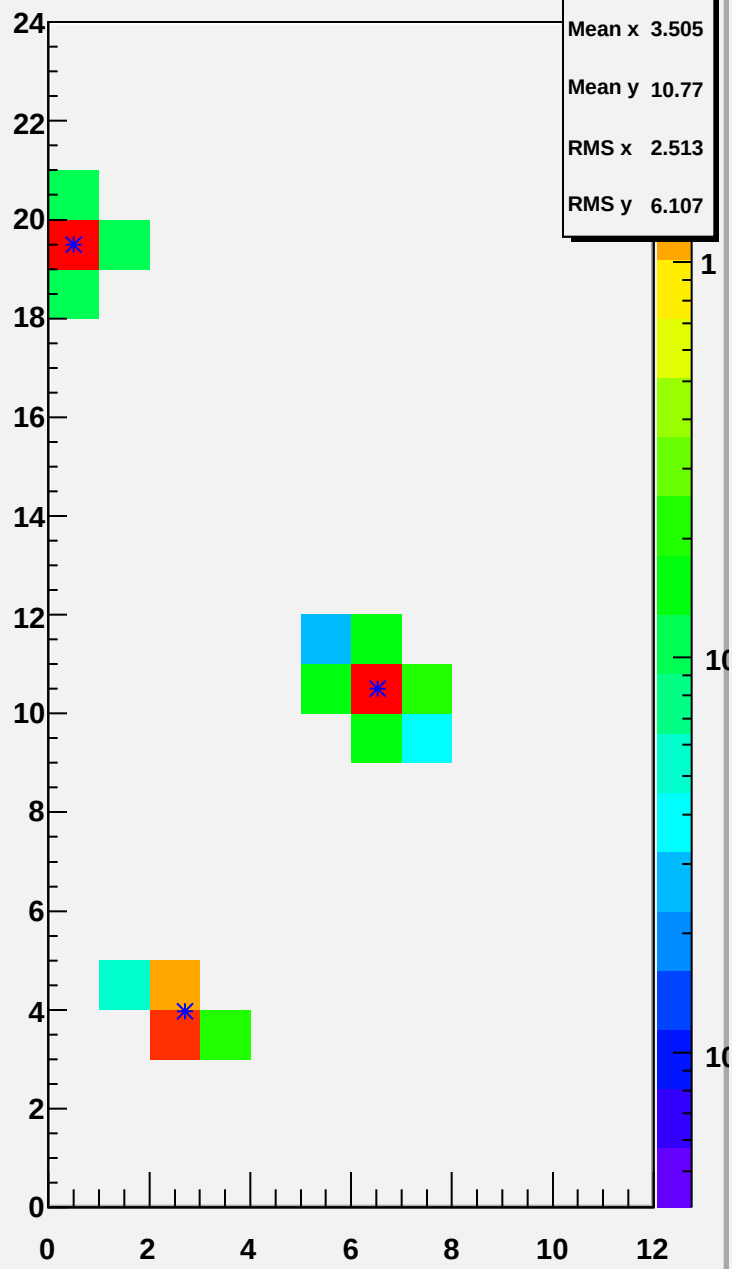
Efit

Entries 288
Mean x 6.11
Mean y 10.64
RMS x 2.041
RMS y 4.947

NSTB3_r4_c3_En=11.4_m0=0.187 m1=0.187 index=2376



Fitted Energies



Efit

Entries 288

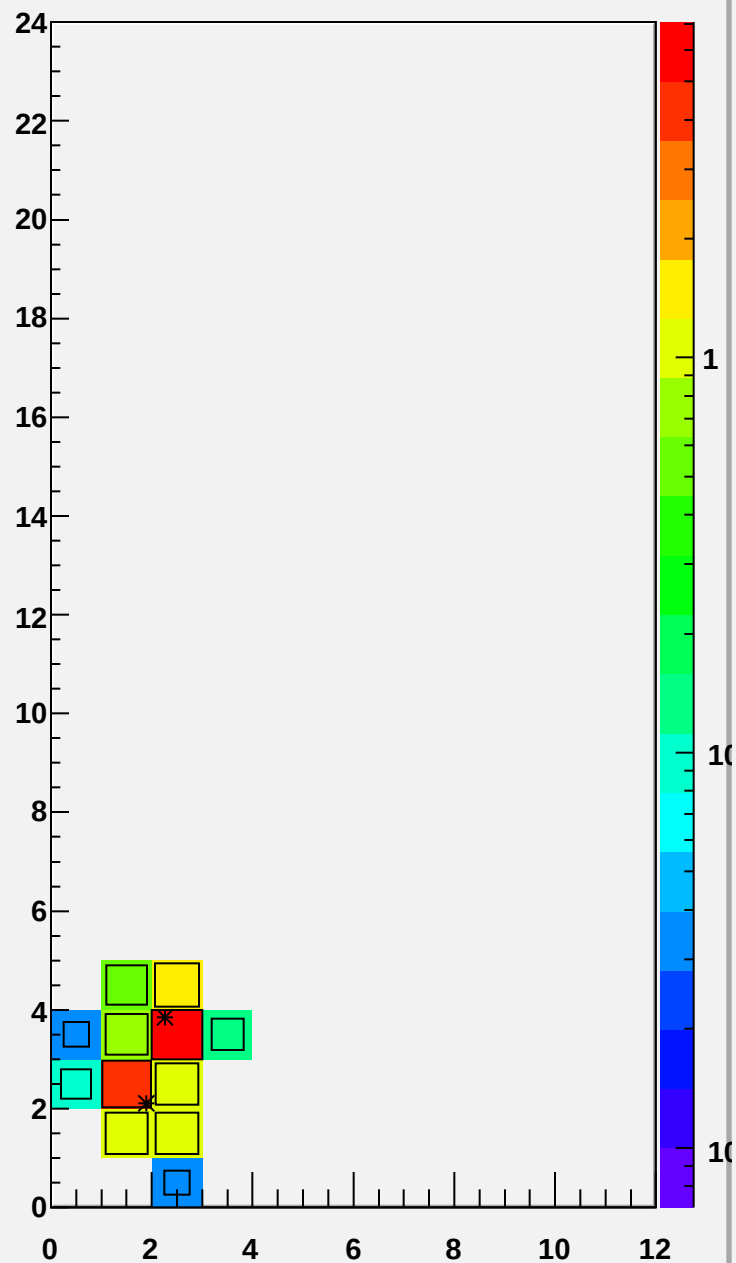
Mean x 3.505

Mean y 10.77

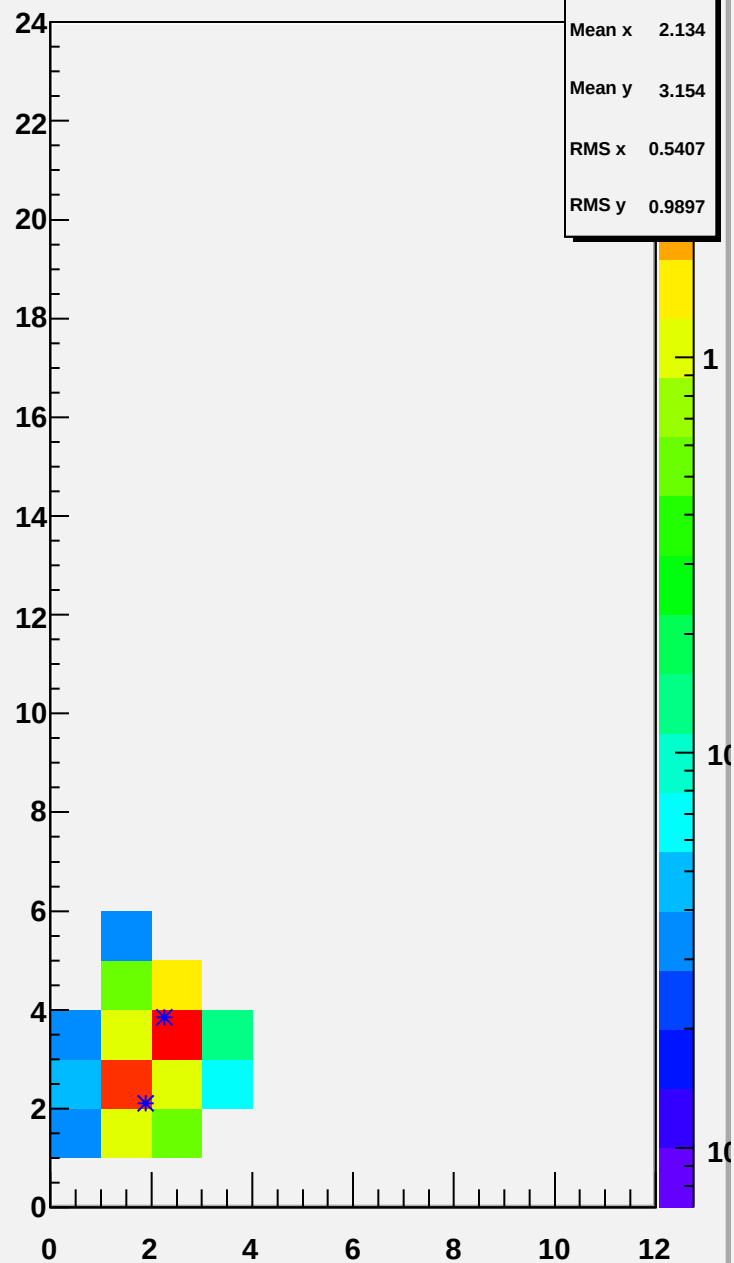
RMS x 2.513

RMS y 6.107

NSTB3_r4_c3_En=16.9_m0=0.084 m1=0.084 index=2378



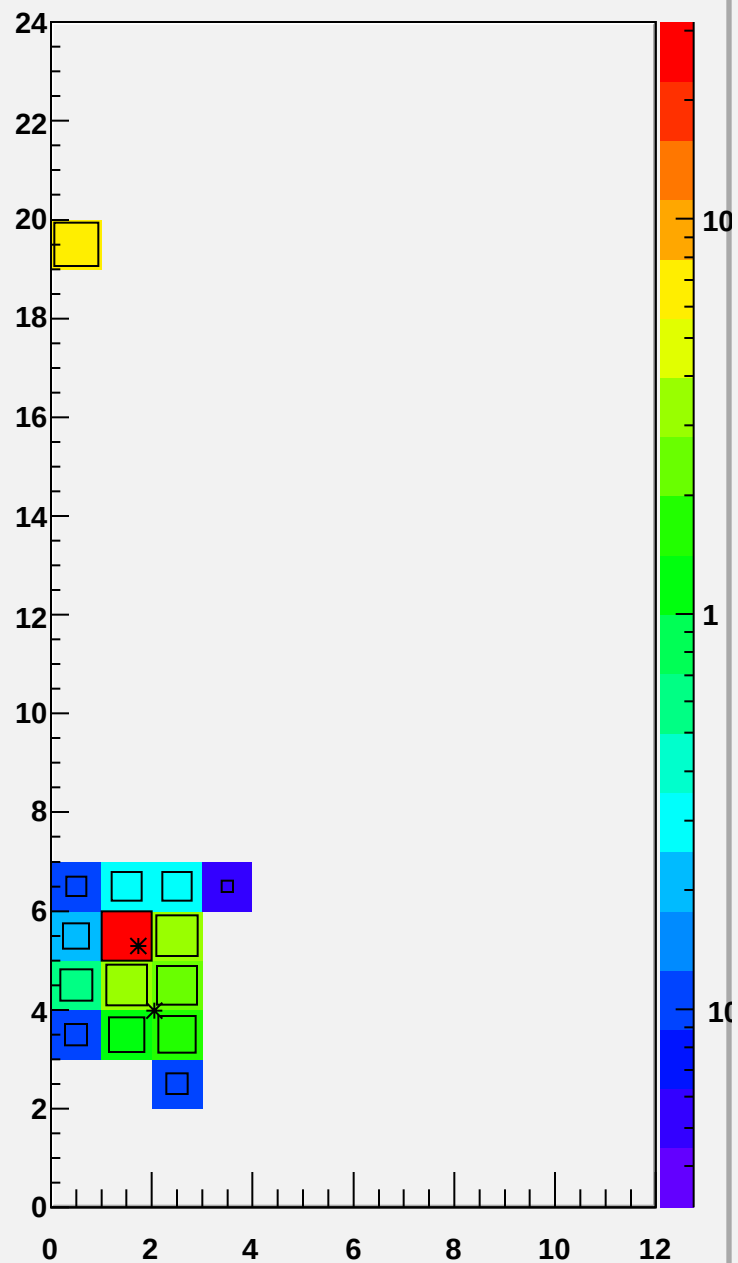
Fitted Energies



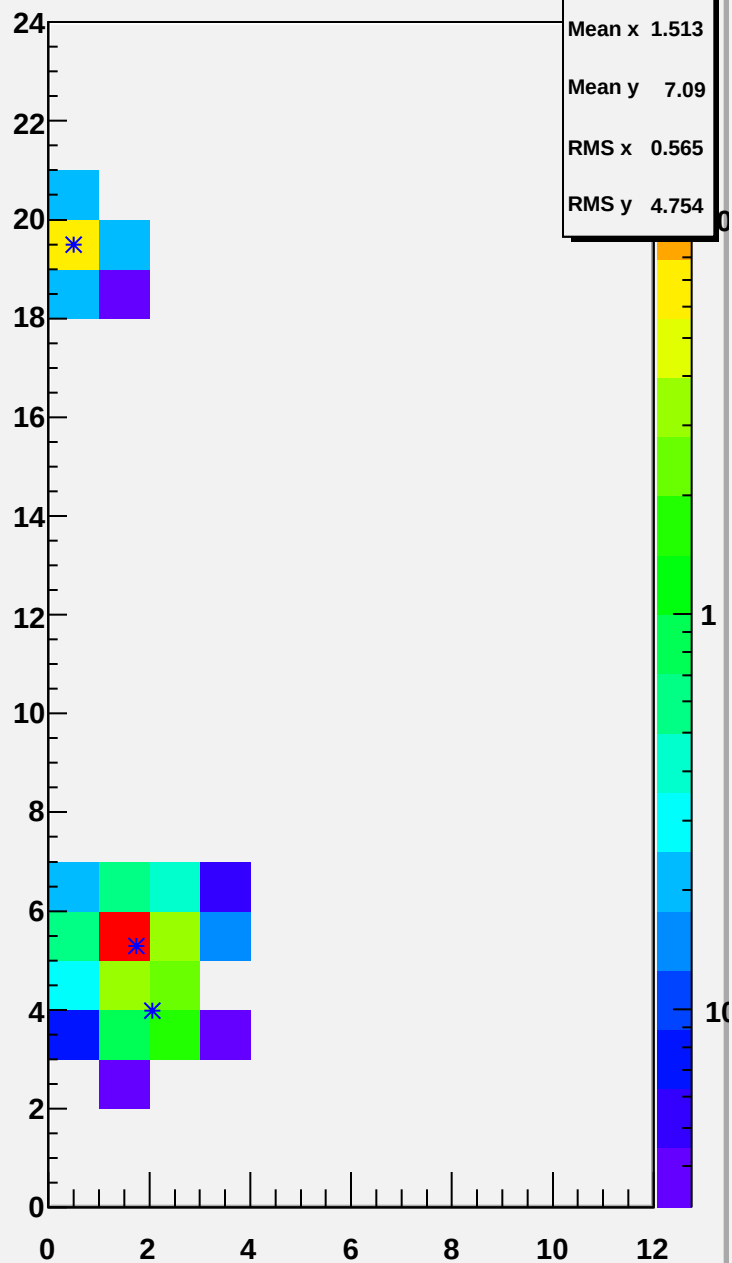
Efit

Entries	288
Mean x	2.134
Mean y	3.154
RMS x	0.5407
RMS y	0.9897

NSTB3_r4_c3_En=51.2_m0=0.096 m1=0.096 index=2379



Fitted Energies



Efit

Entries 288

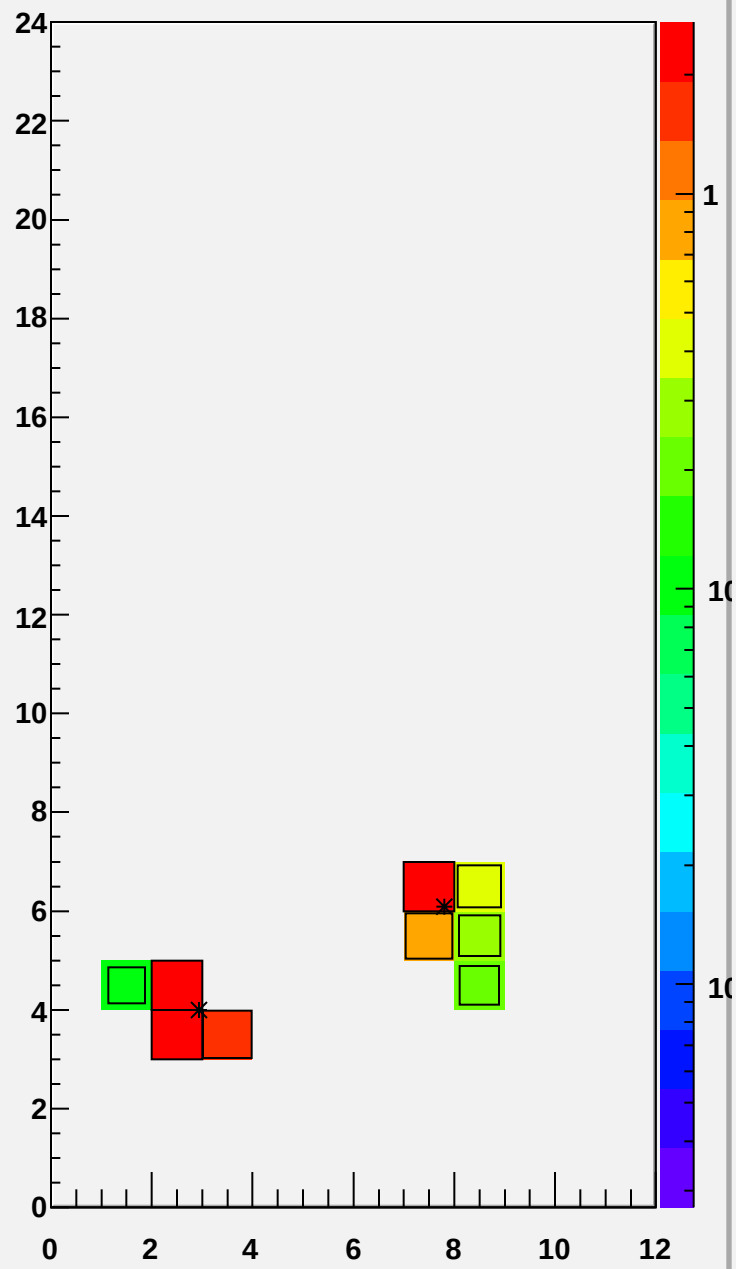
Mean x 1.513

Mean y 7.09

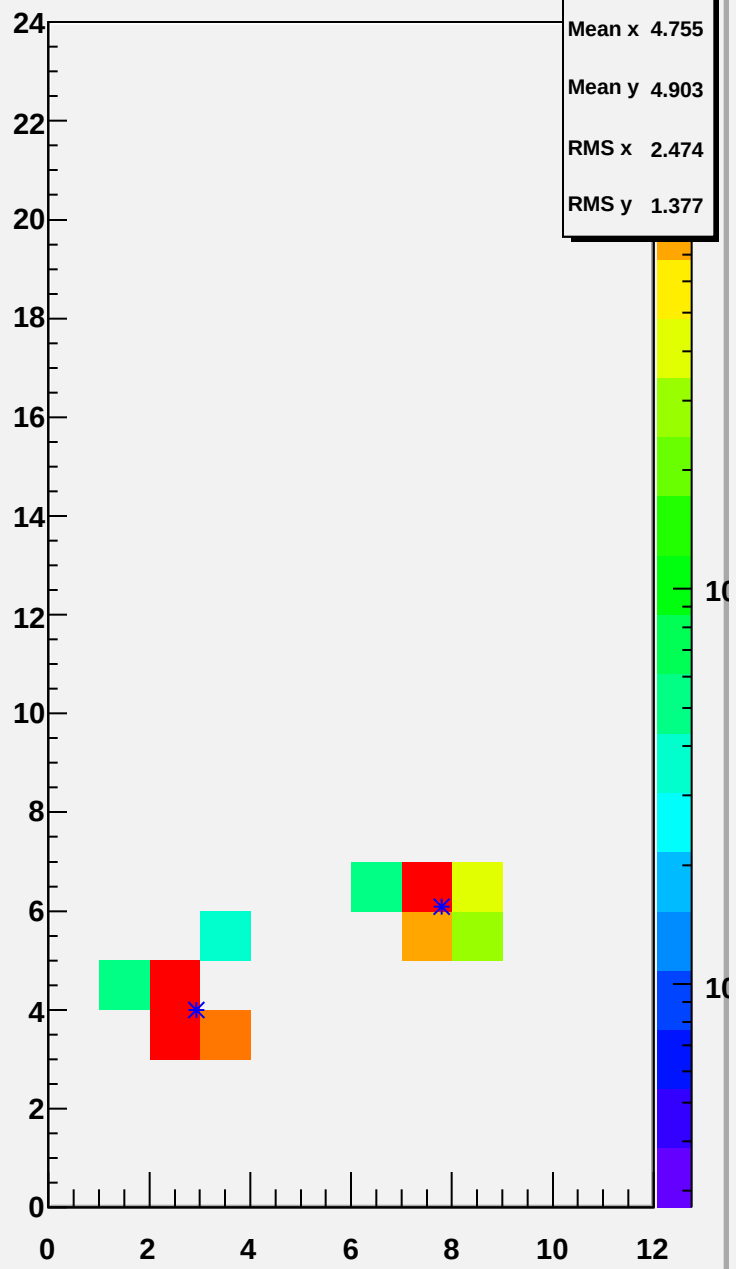
RMS x 0.565

RMS y 4.754

NSTB3_r4_c3_En=11.4_m0=0.171 m1=0.171 index=2380



Fitted Energies



Efit

Entries 288

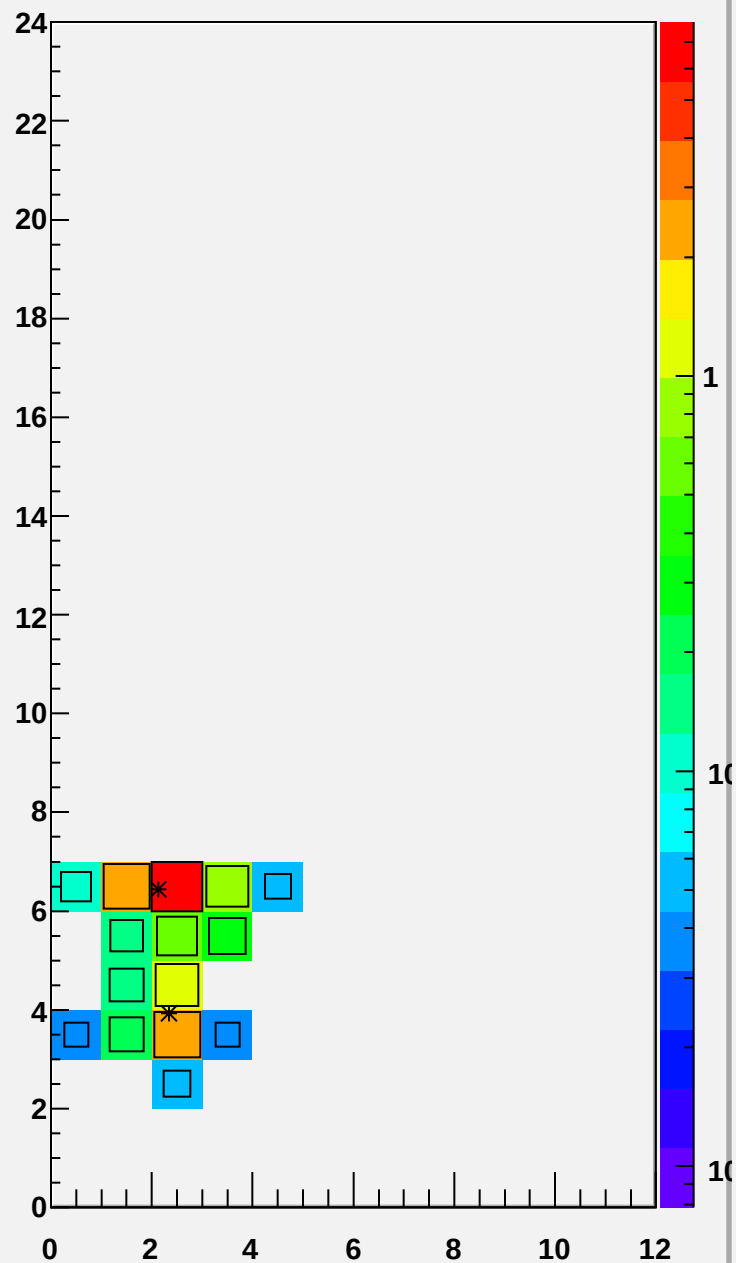
Mean x 4.755

Mean y 4.903

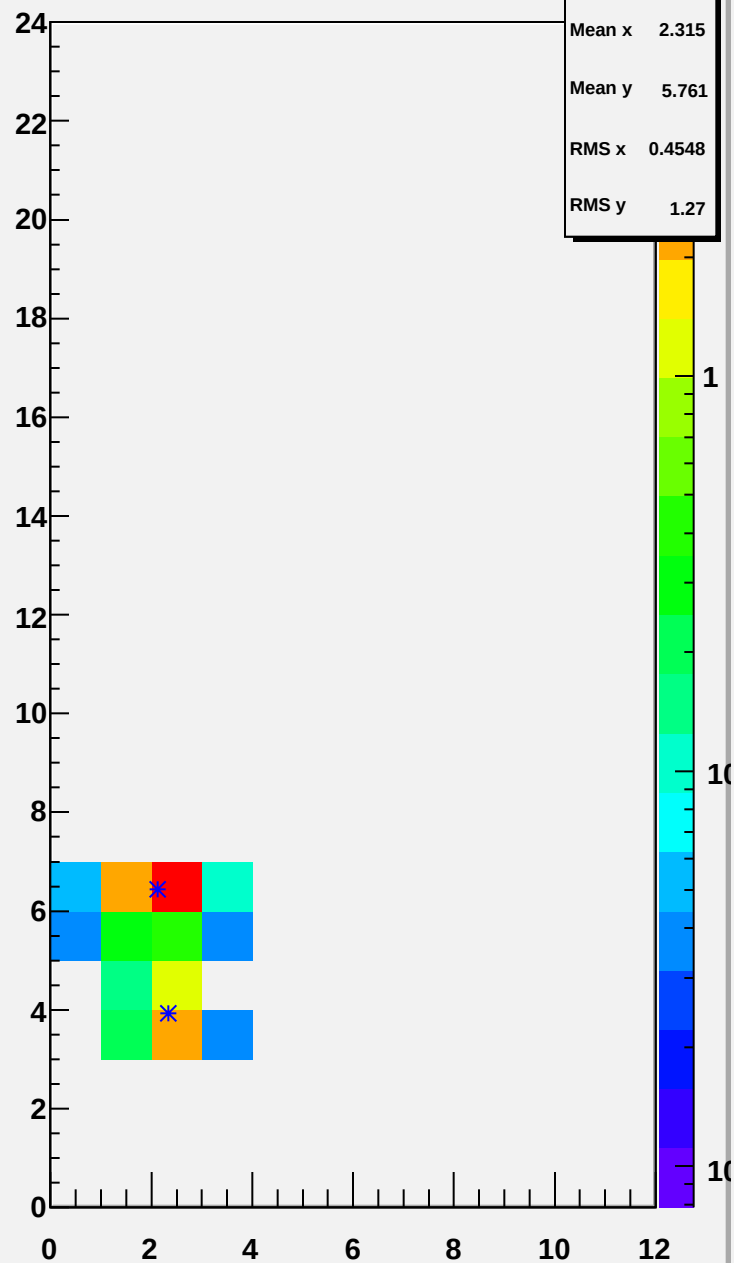
RMS x 2.474

RMS y 1.377

NSTB3_r4_c3_En=16.2_m0=0.097 m1=0.097 index=2381



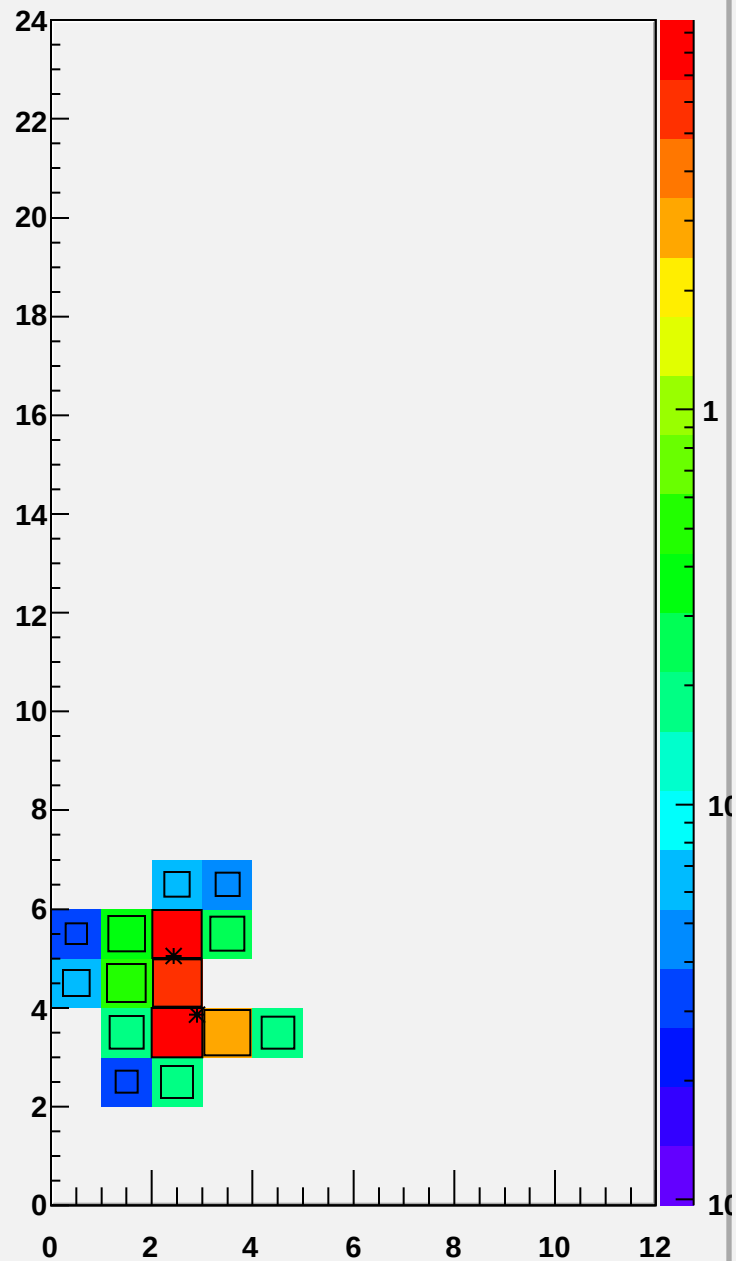
Fitted Energies



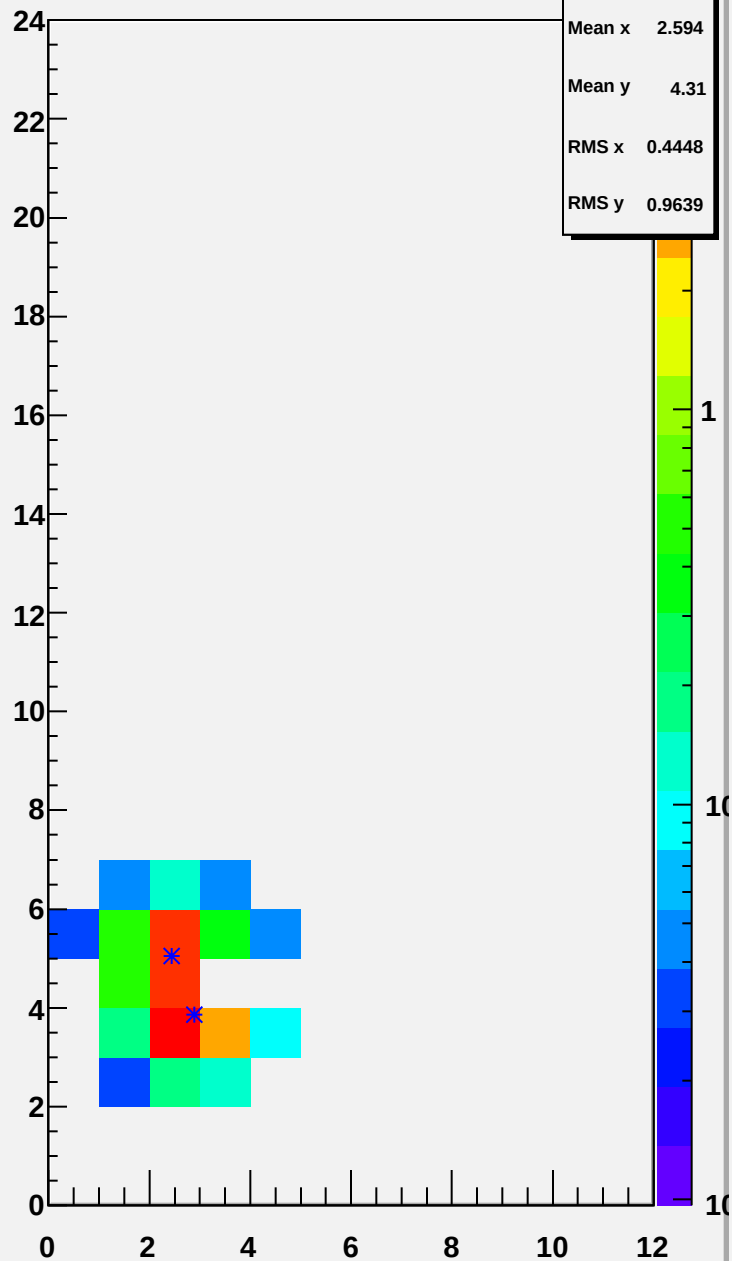
Efit

Entries	288
Mean x	2.315
Mean y	5.761
RMS x	0.4548
RMS y	1.27

NSTB3_r4_c3_En=27.4_m0=0.101 m1=0.101 index=2382



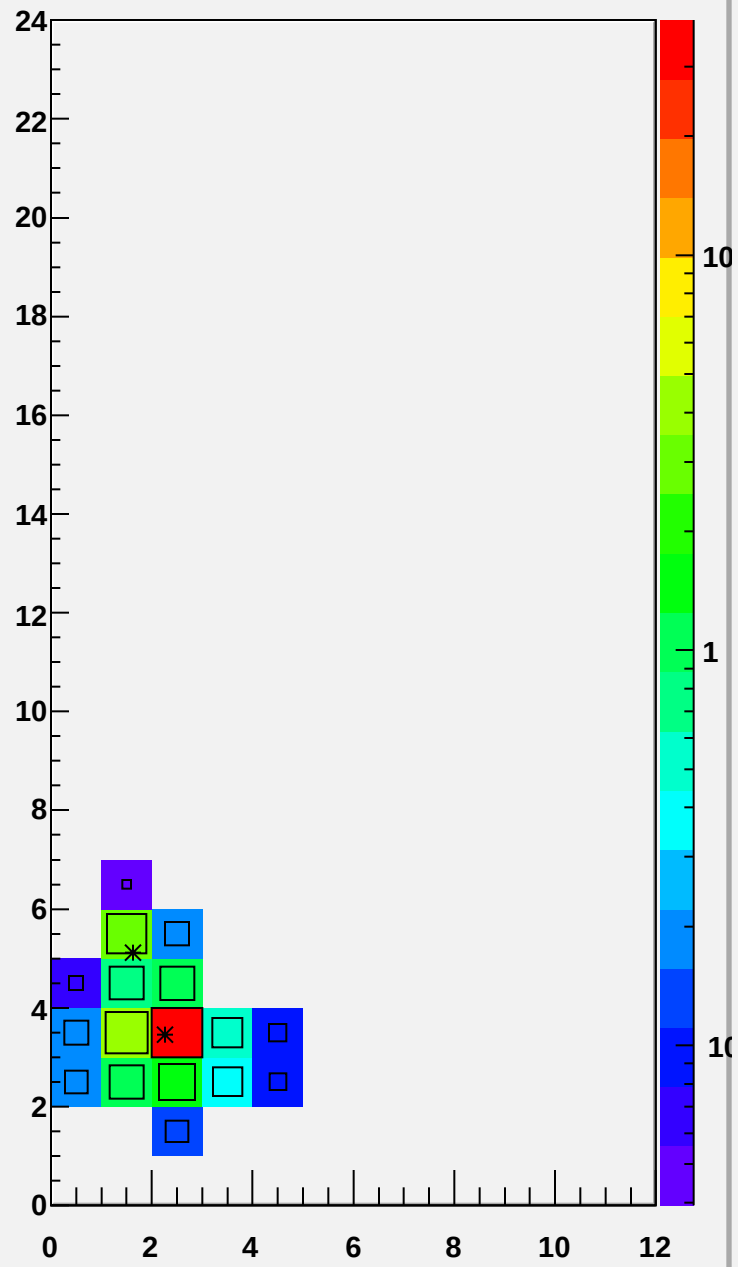
Fitted Energies



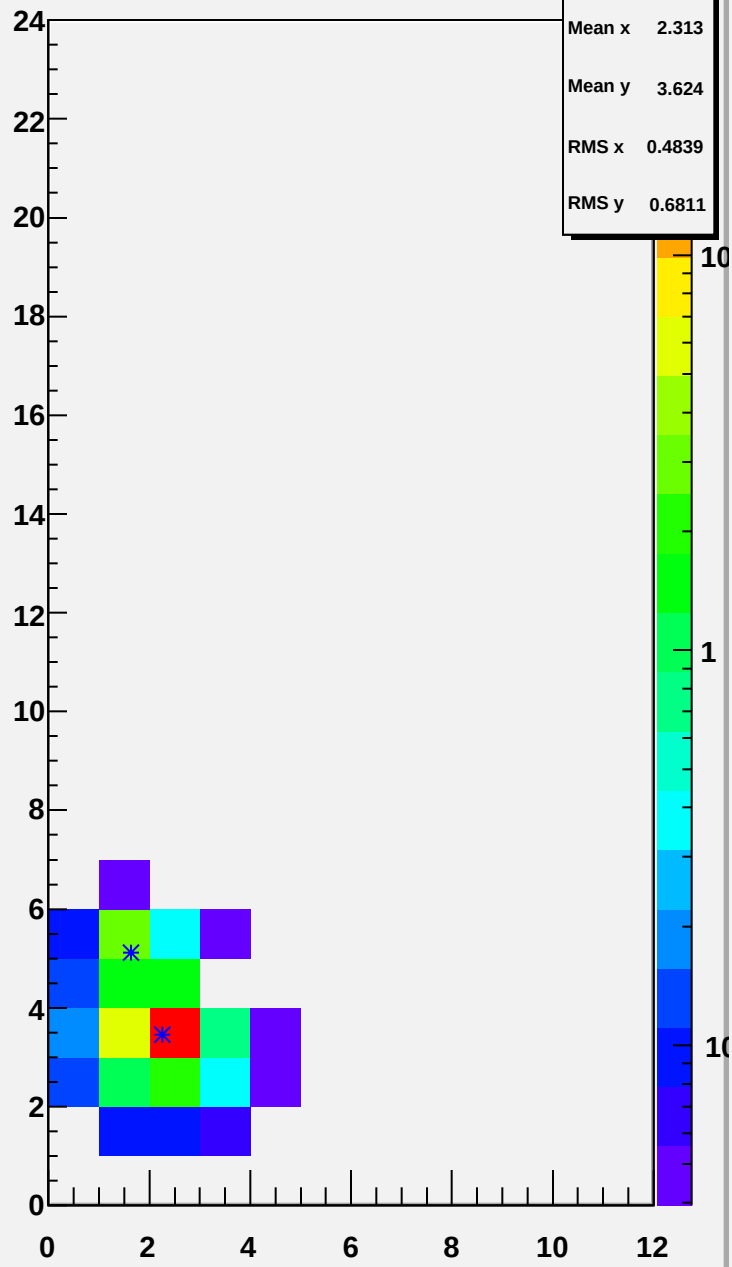
Efit

Entries	288
Mean x	2.594
Mean y	4.31
RMS x	0.4448
RMS y	0.9639

NSTB3_r4_c3_En=53.2_m0=0.147 m1=0.146 index=2383



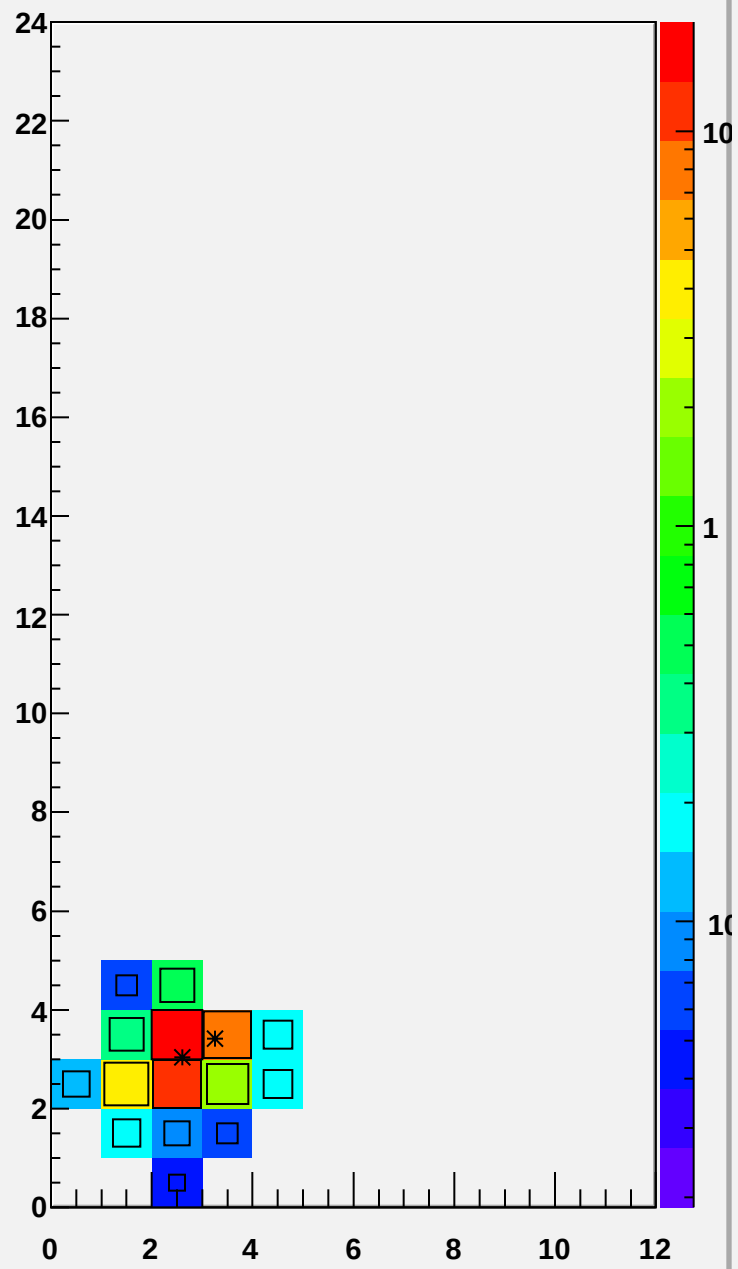
Fitted Energies



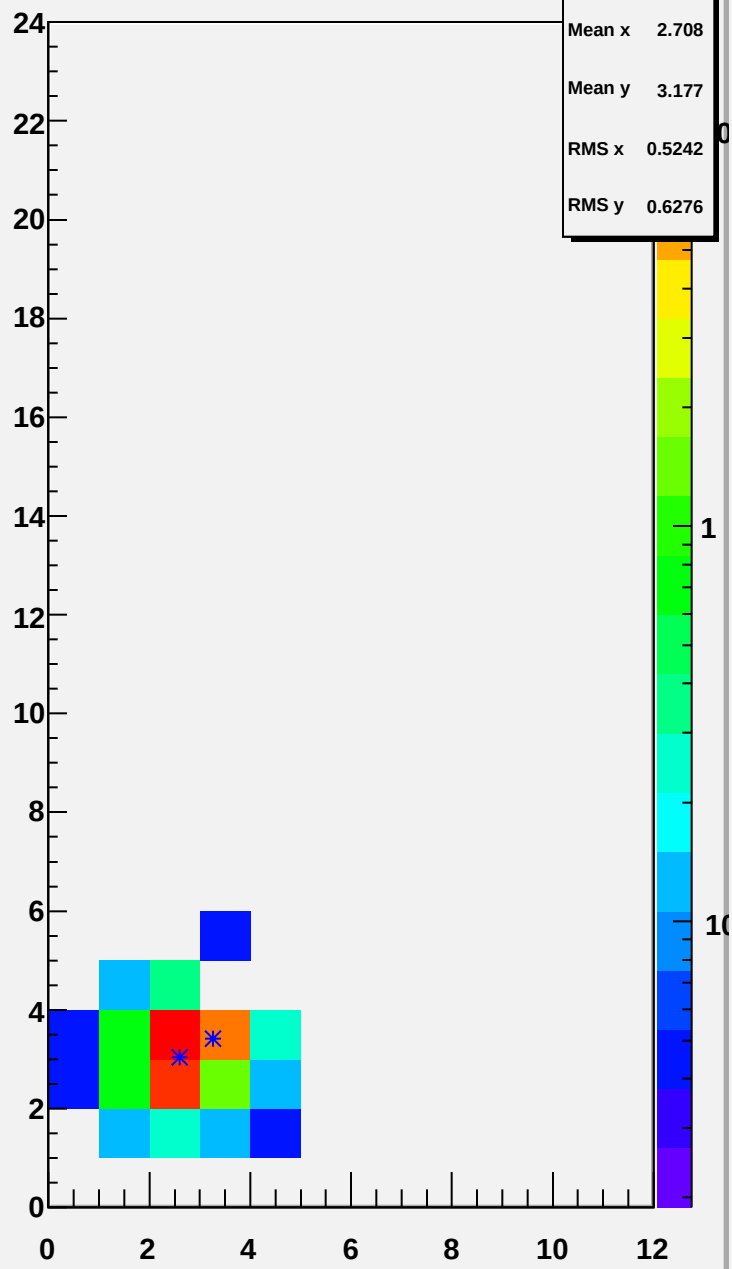
Efit

Entries	288
Mean x	2.313
Mean y	3.624
RMS x	0.4839
RMS y	0.6811

NSTB3_r4_c3_En=45.5_m0=0.072 m1=0.073 index=2384



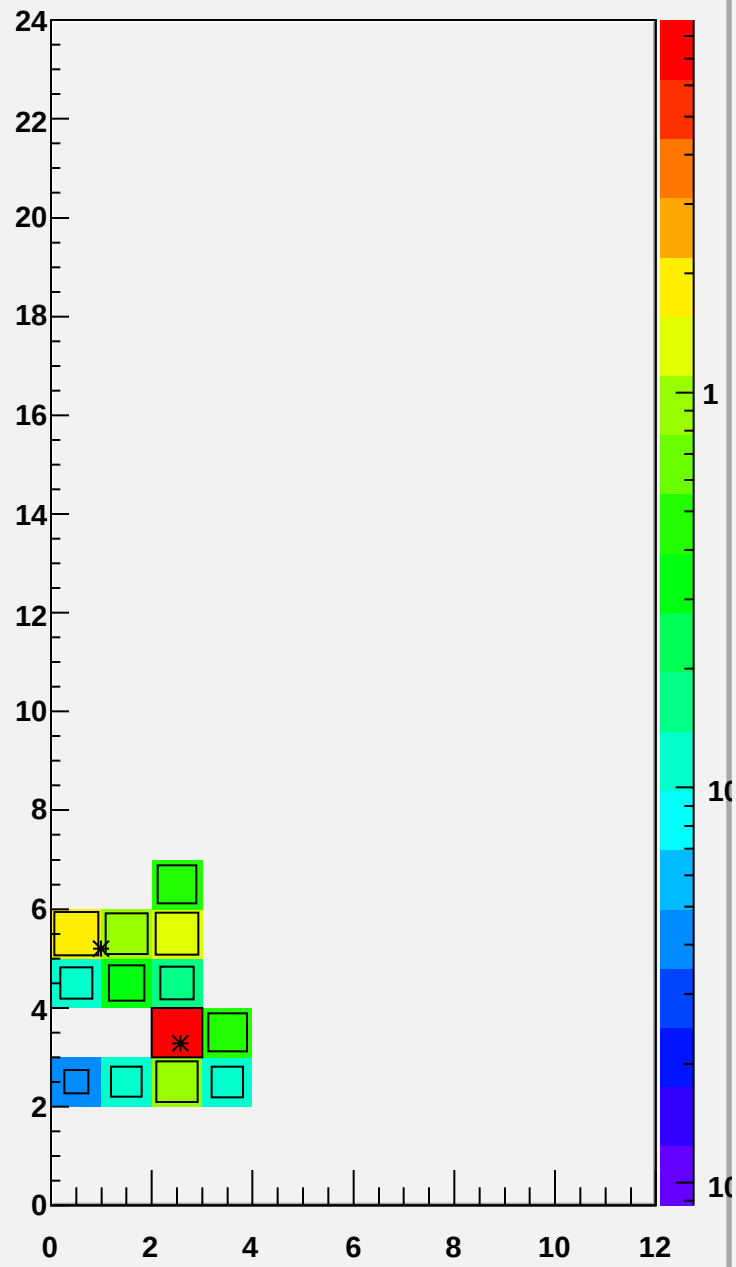
Fitted Energies



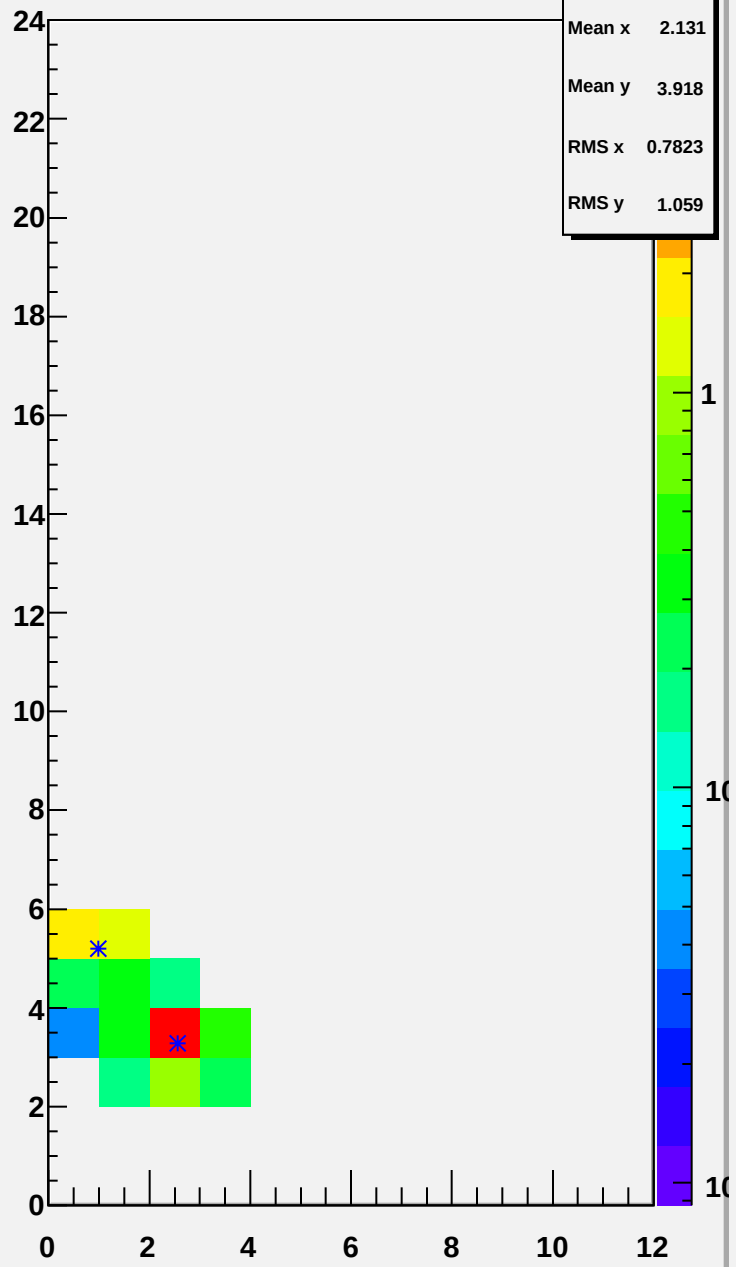
Efit

Entries	288
Mean x	2.708
Mean y	3.177
RMS x	0.5242
RMS y	0.6276

NSTB3_r4_c3_En=15.4_m0=0.090 m1=0.090 index=2385



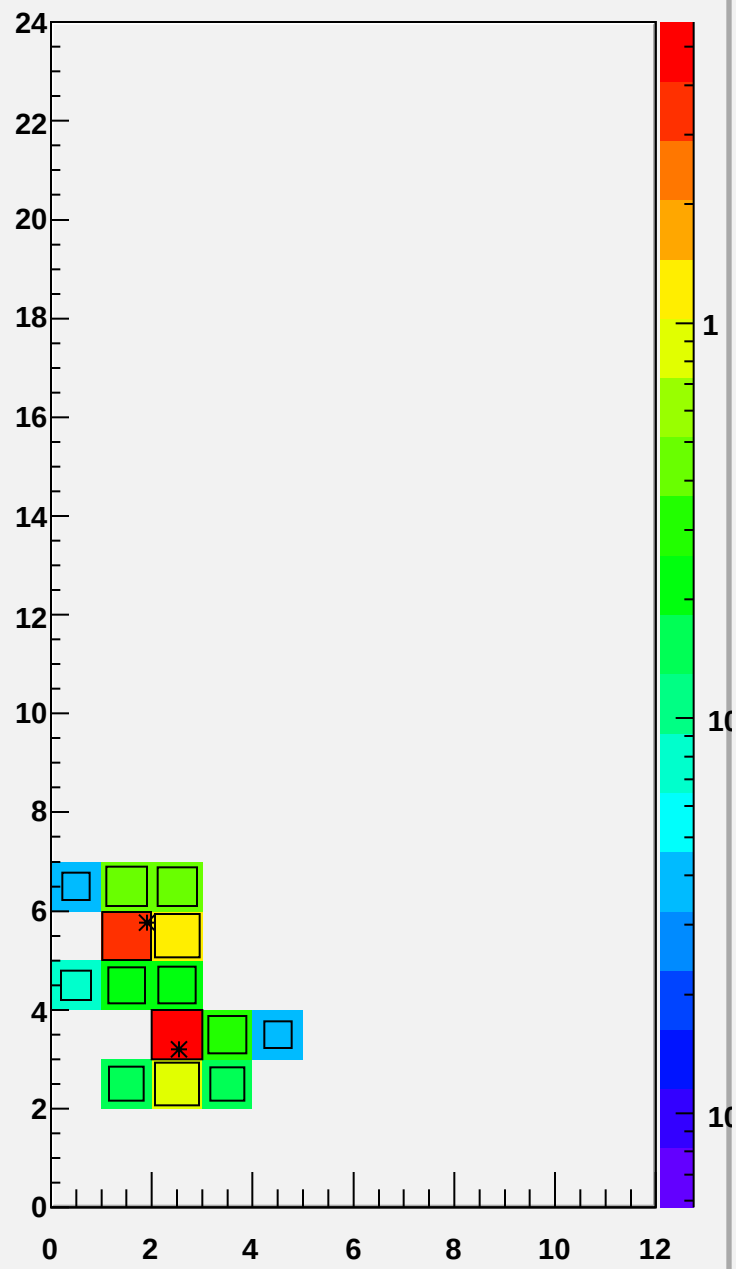
Fitted Energies



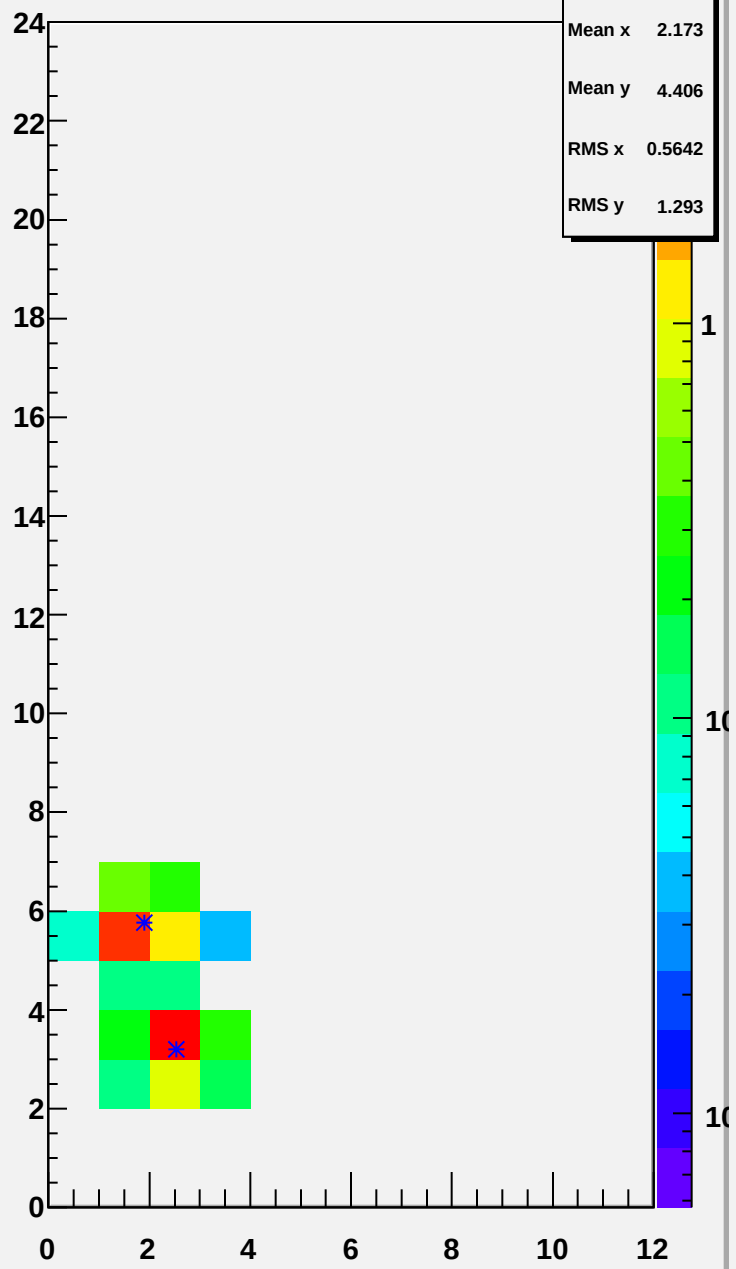
Efit

Entries	288
Mean x	2.131
Mean y	3.918
RMS x	0.7823
RMS y	1.059

NSTB3_r4_c3_En=14.2_m0=0.104 m1=0.104 index=2386



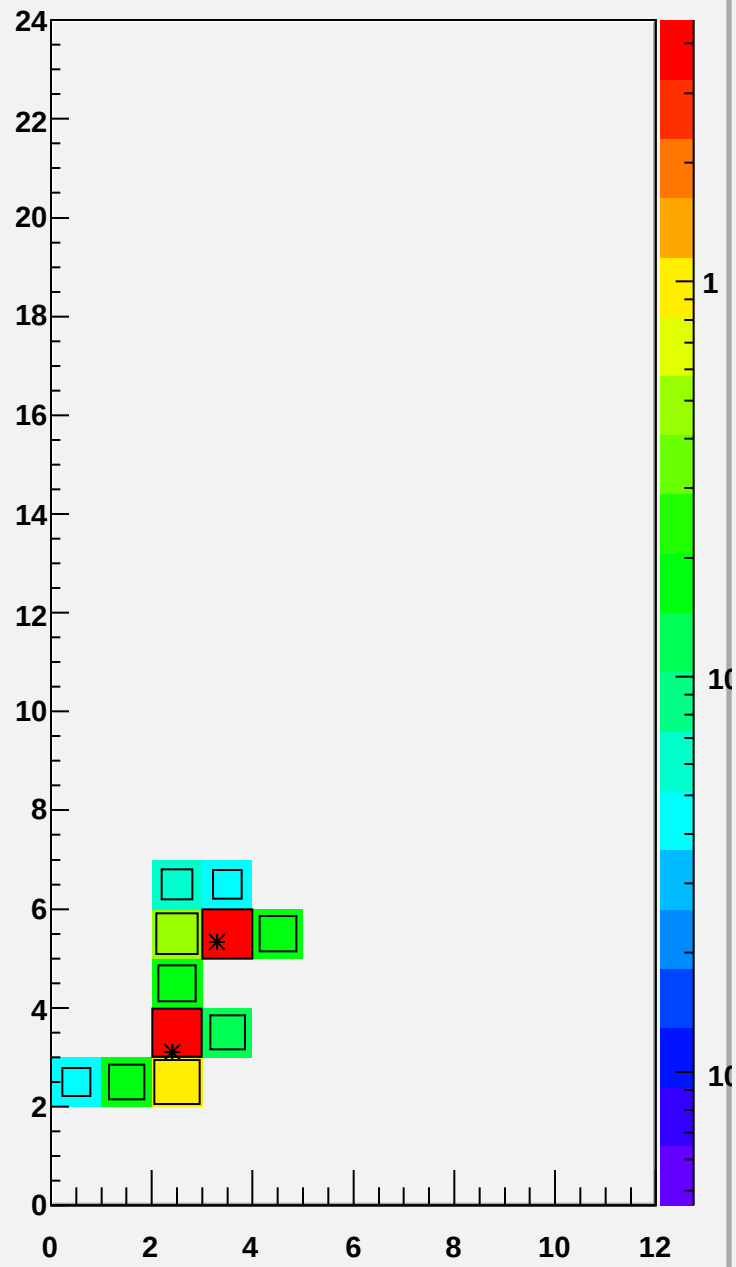
Fitted Energies



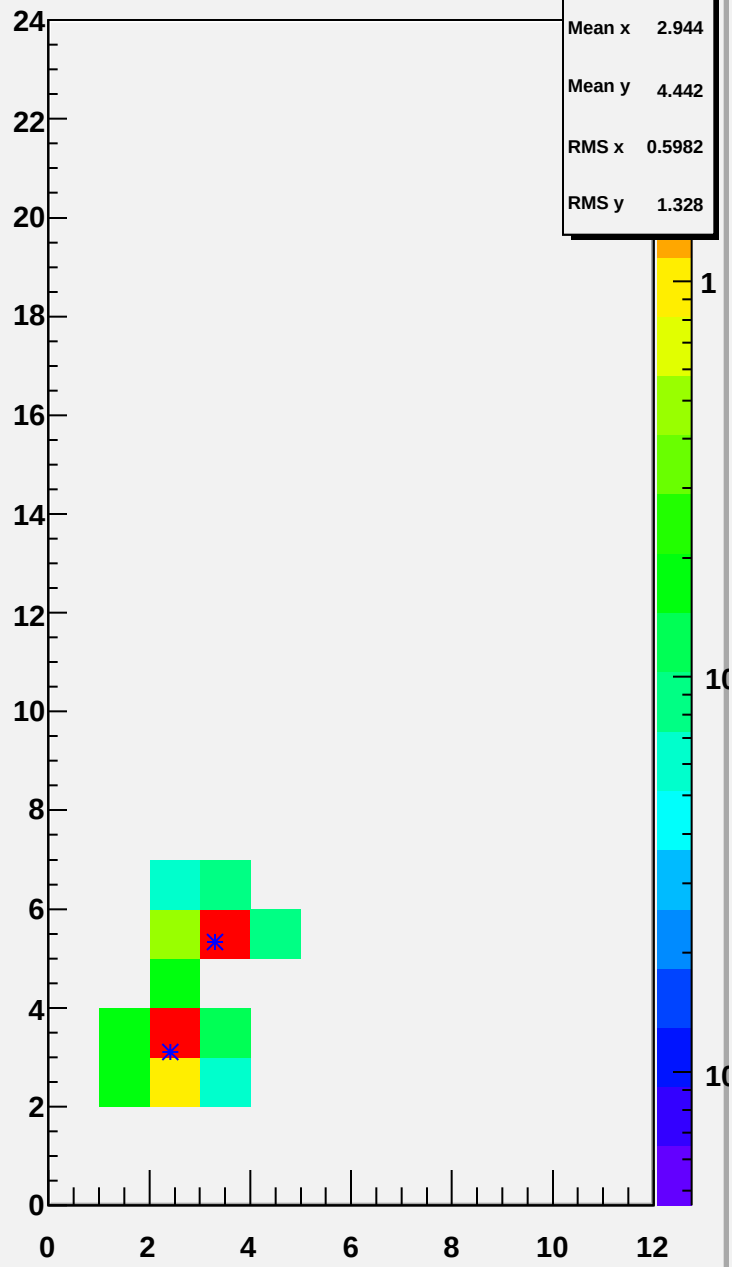
Efit

Entries	288
Mean x	2.173
Mean y	4.406
RMS x	0.5642
RMS y	1.293

NSTB3_r4_c3_En=10.4_m0=0.074 m1=0.074 index=2387

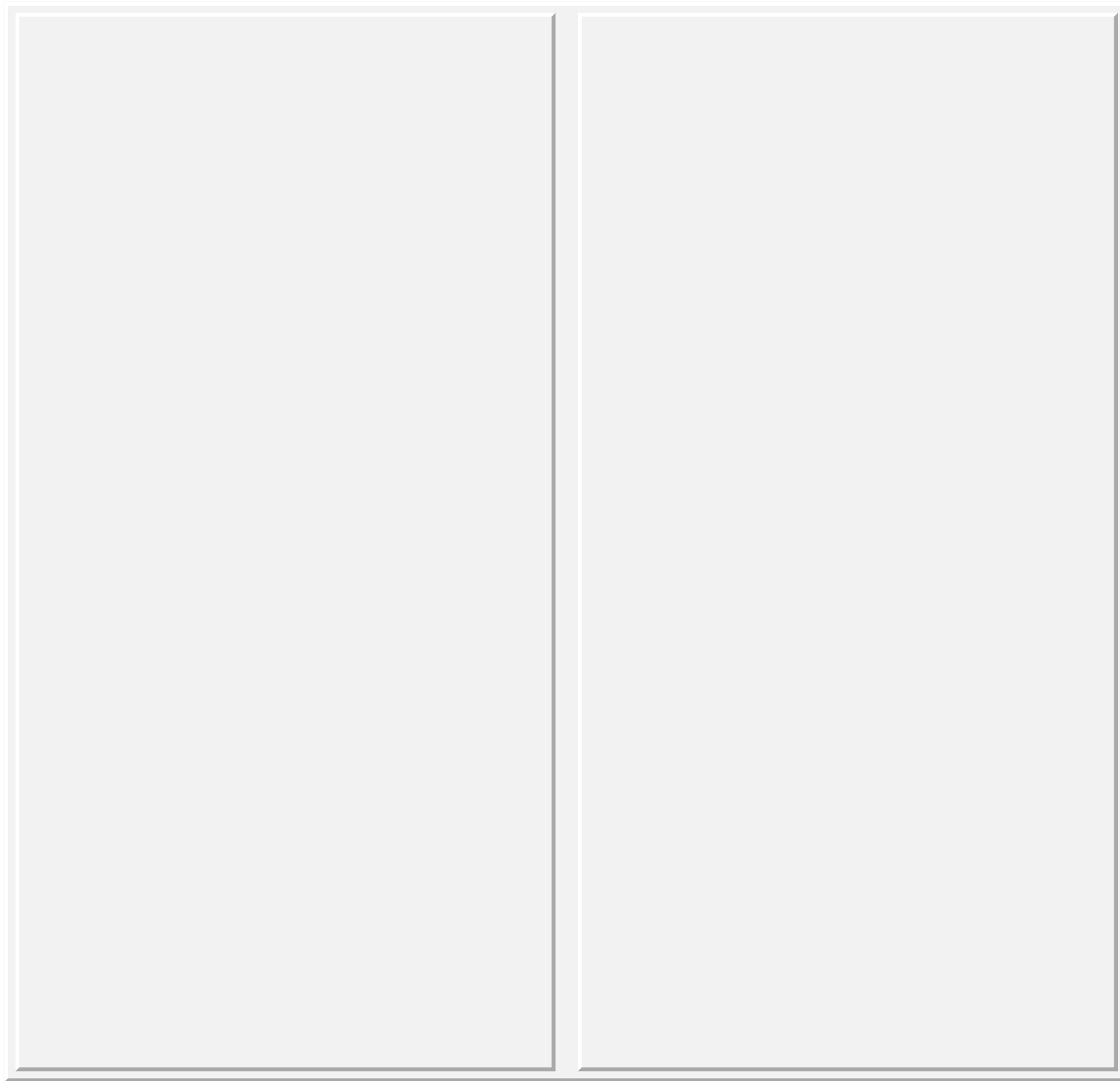


Fitted Energies

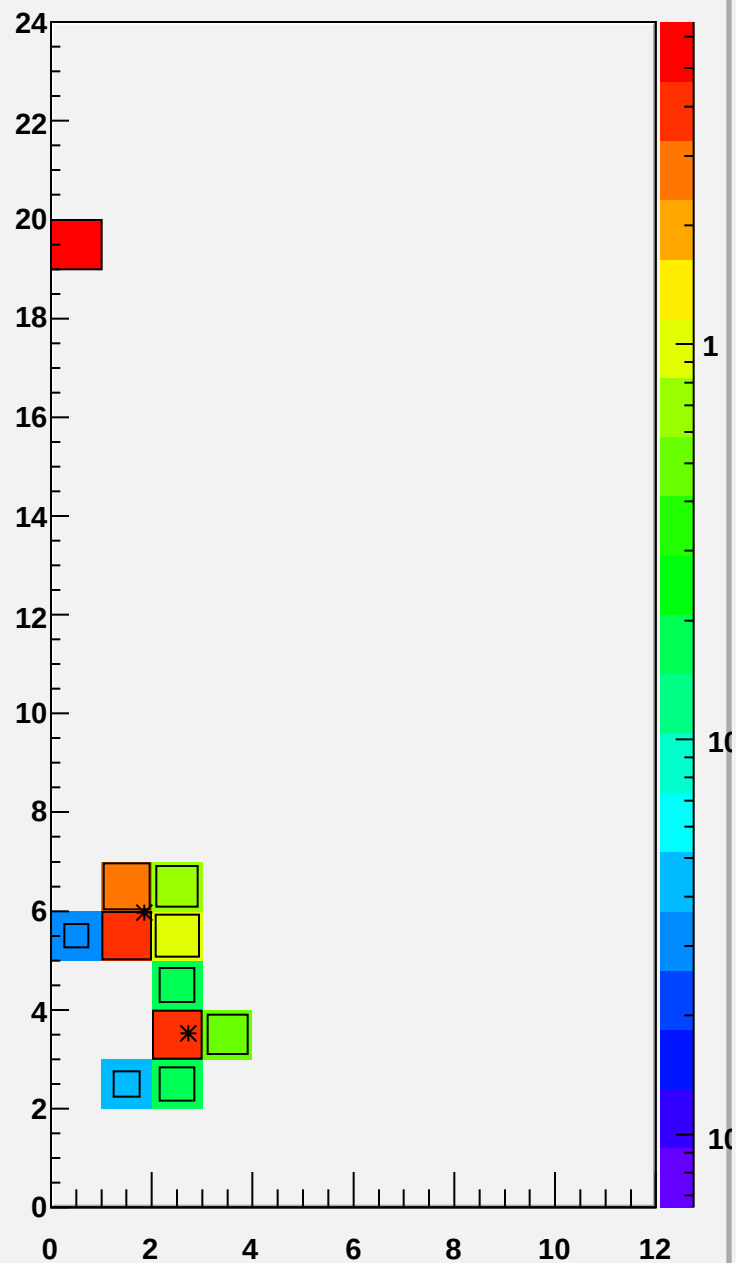


Efit

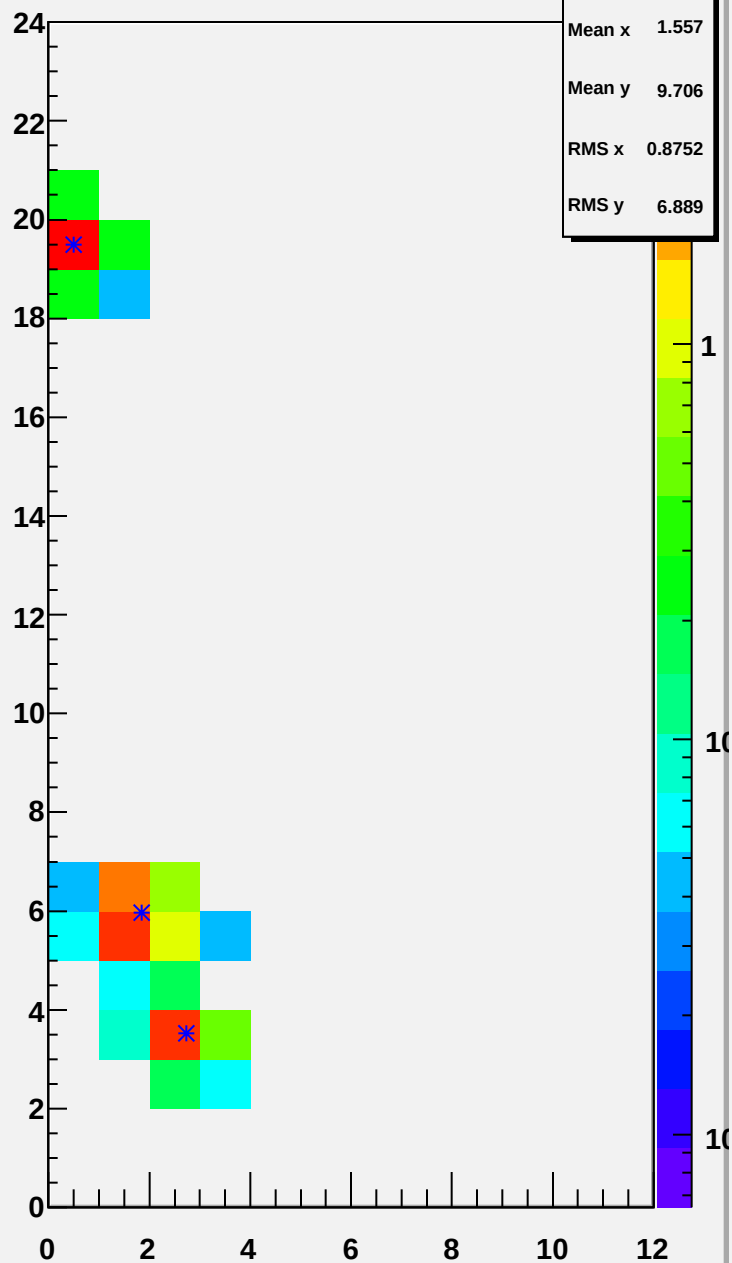
Entries	288
Mean x	2.944
Mean y	4.442
RMS x	0.5982
RMS y	1.328



NSTB3_r4_c3_En=19.8_m0=0.099_m1=0.099_index=2390



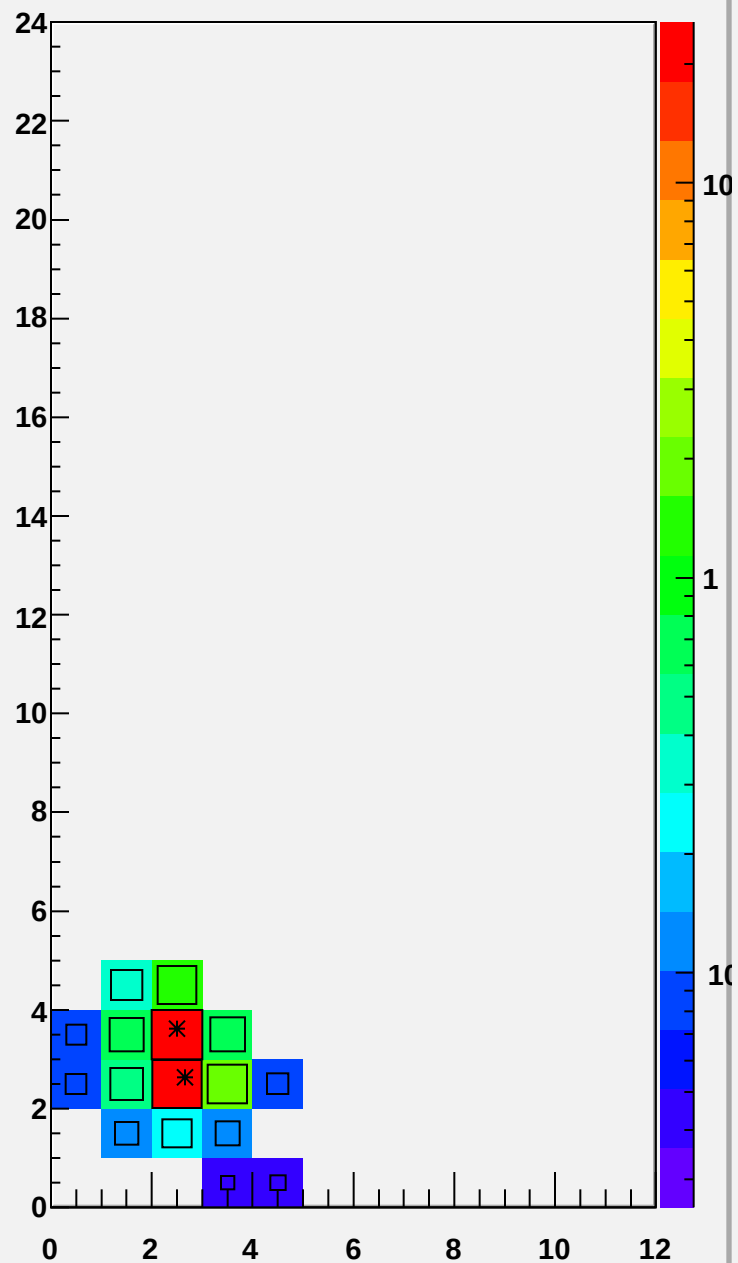
Fitted Energies



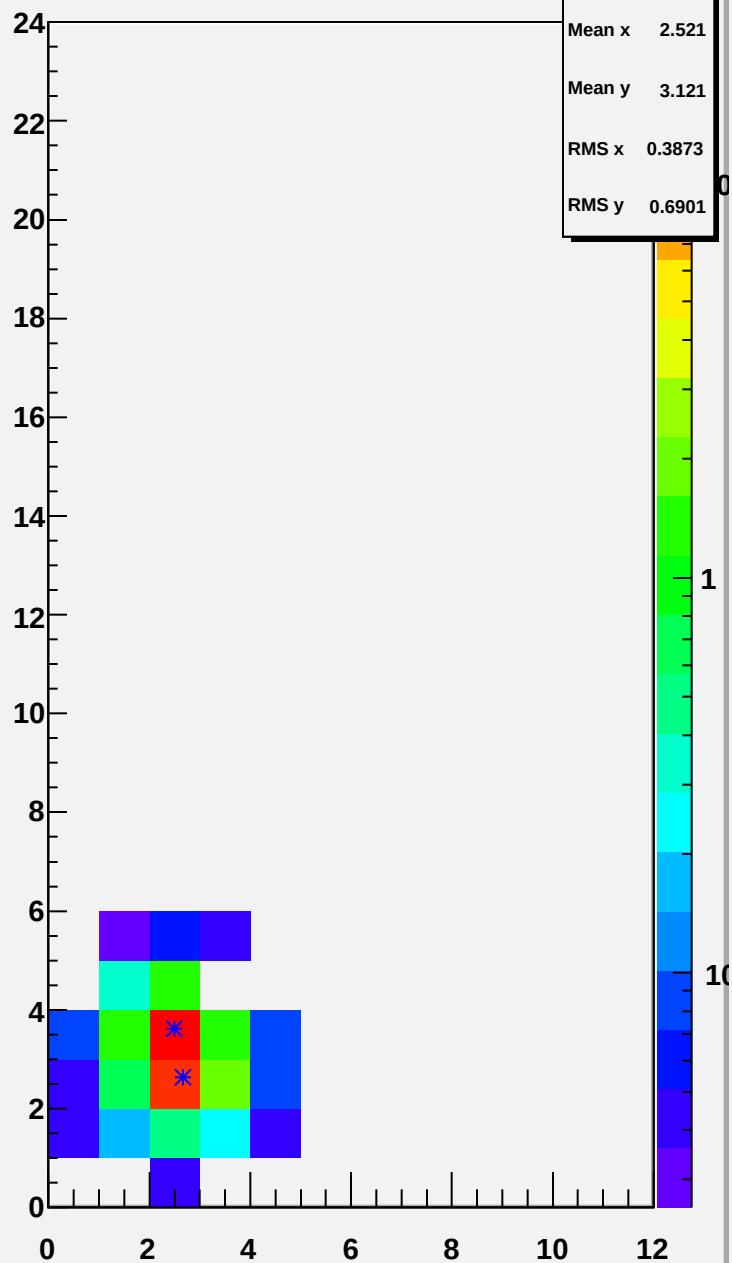
Efit

Entries	288
Mean x	1.557
Mean y	9.706
RMS x	0.8752
RMS y	6.889

NSTB3_r4_c3_En=49.8_m0=0.136 m1=0.136 index=2391



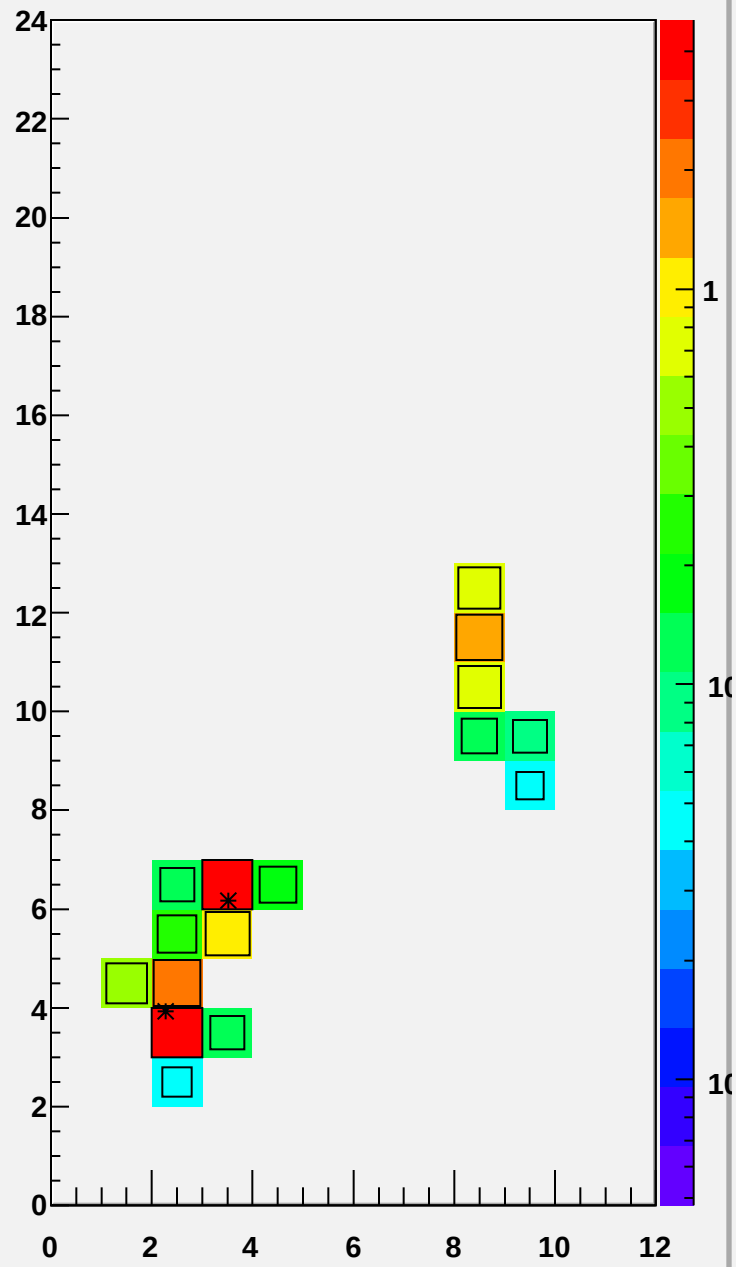
Fitted Energies



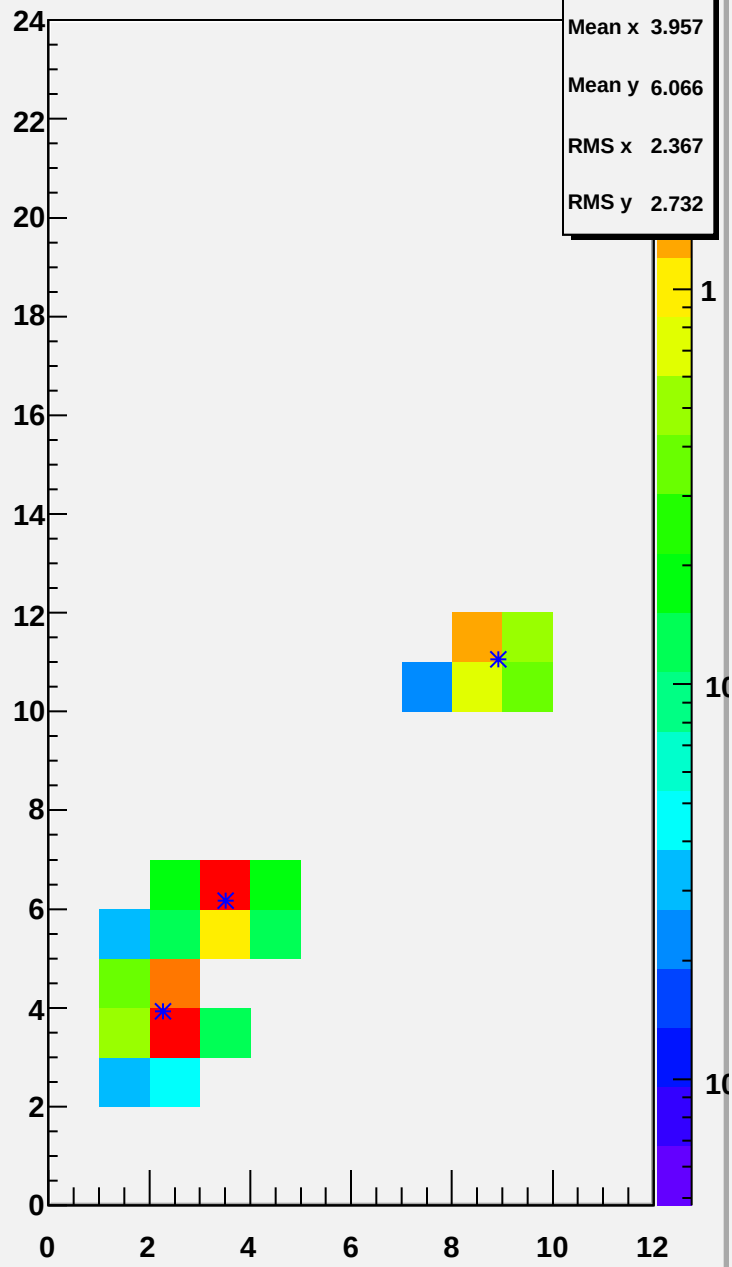
Efit

Entries	288
Mean x	2.521
Mean y	3.121
RMS x	0.3873
RMS y	0.6901

NSTB3_r4_c3_En=16.7_m0=0.103 m1=0.103 index=2392



Fitted Energies



Efit

Entries 288

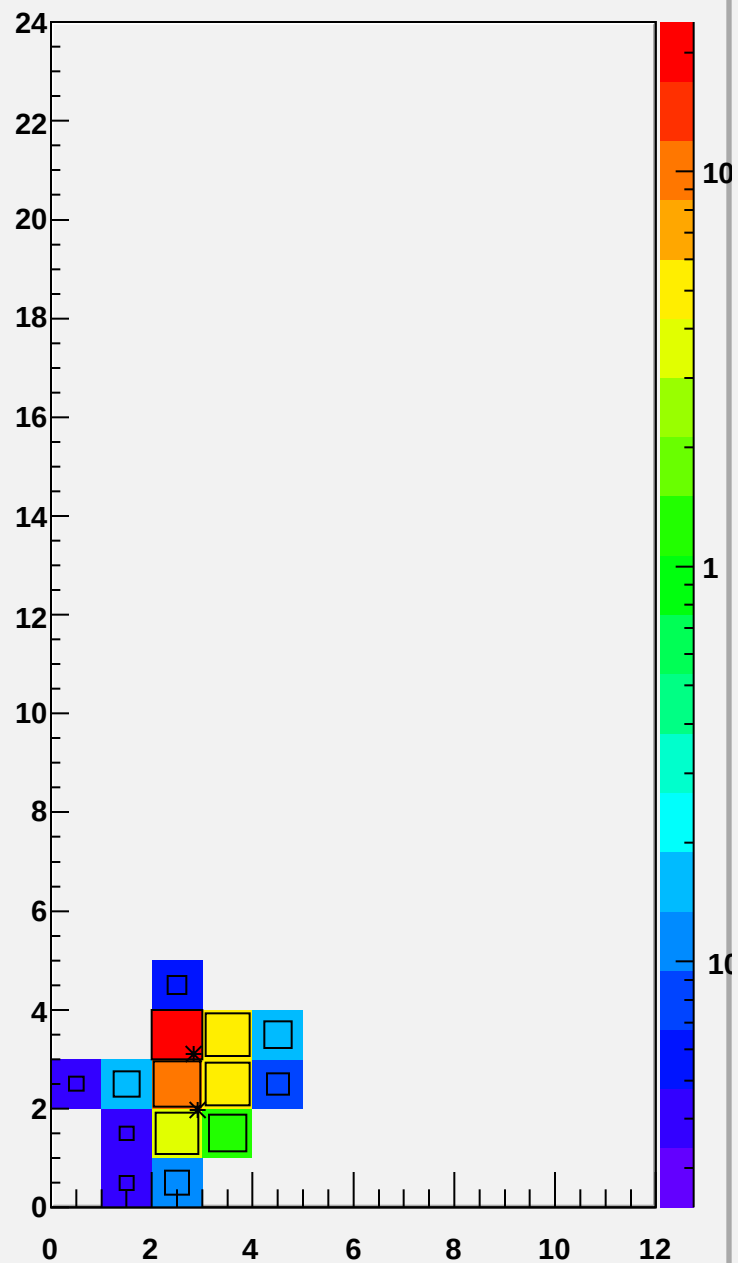
Mean x 3.957

Mean y 6.066

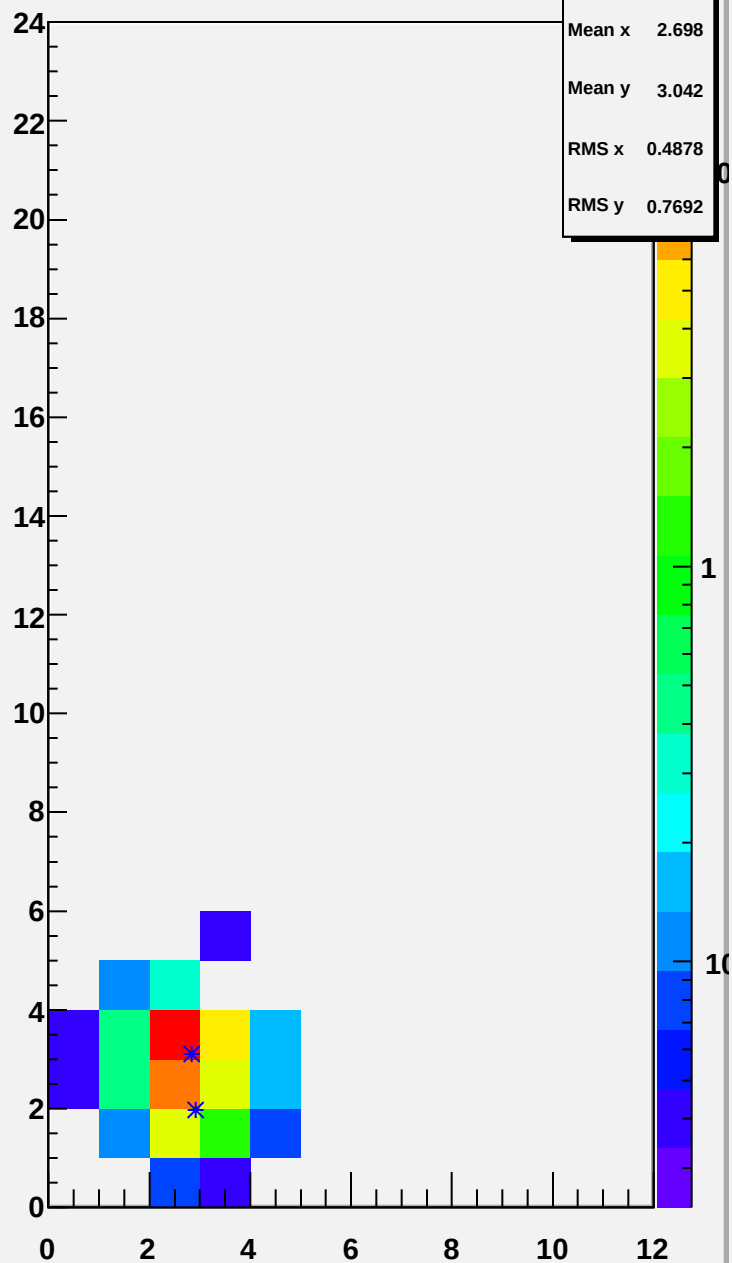
RMS x 2.367

RMS y 2.732

NSTB3_r4_c3_En=46.7_m0=0.108 m1=0.108 index=2393



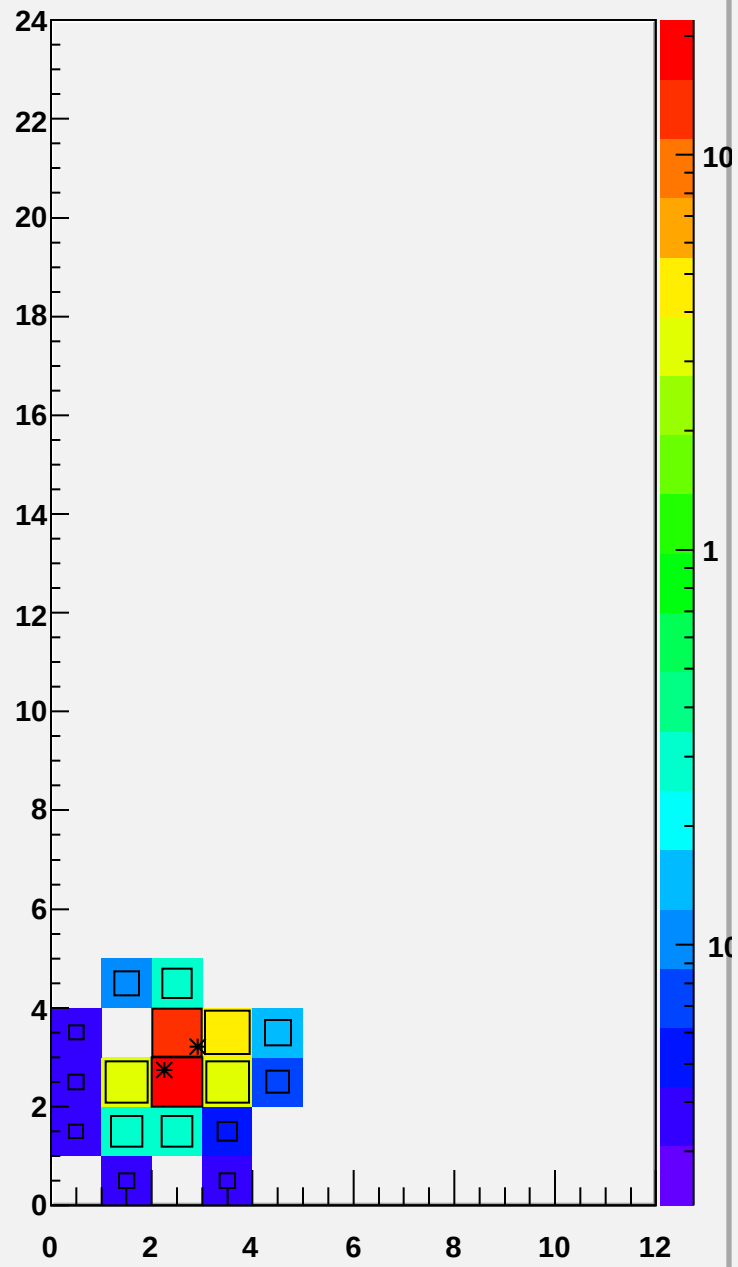
Fitted Energies



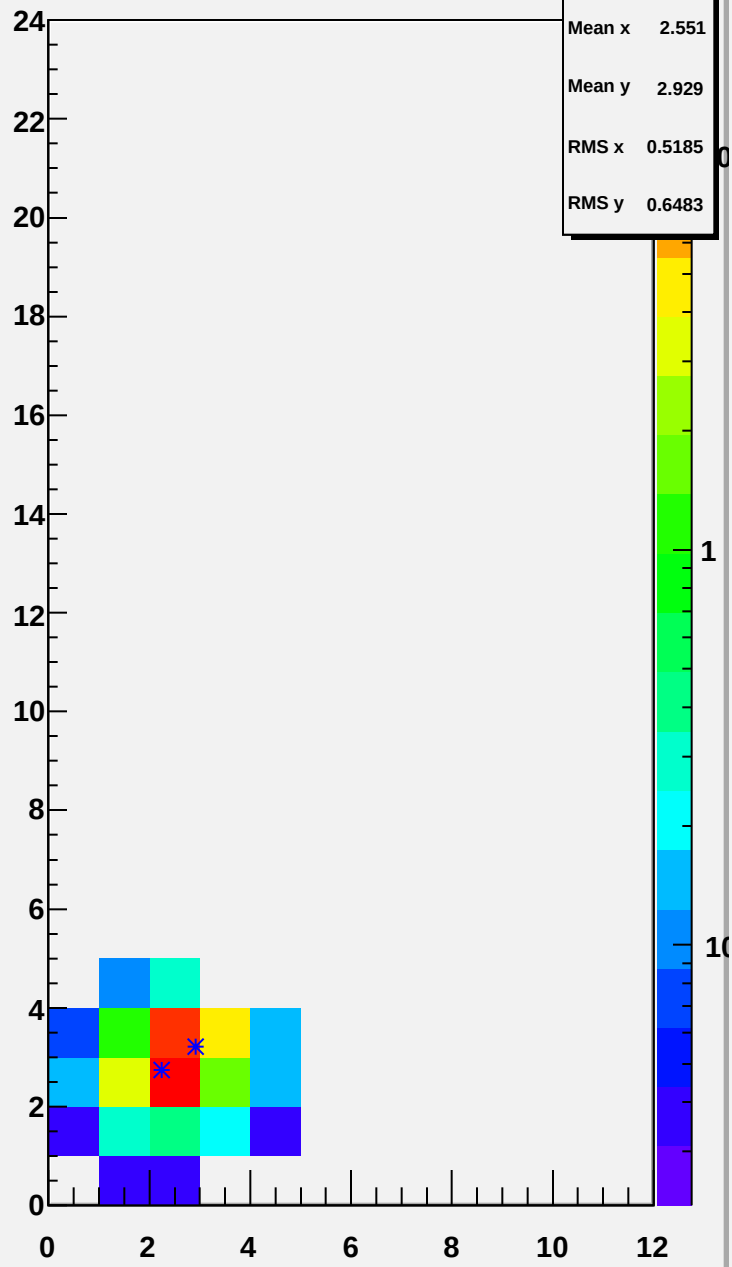
Efit

Entries	288
Mean x	2.698
Mean y	3.042
RMS x	0.4878
RMS y	0.7692

NSTB3_r4_c3_En=48.5_m0=0.107 m1=0.107 index=2395



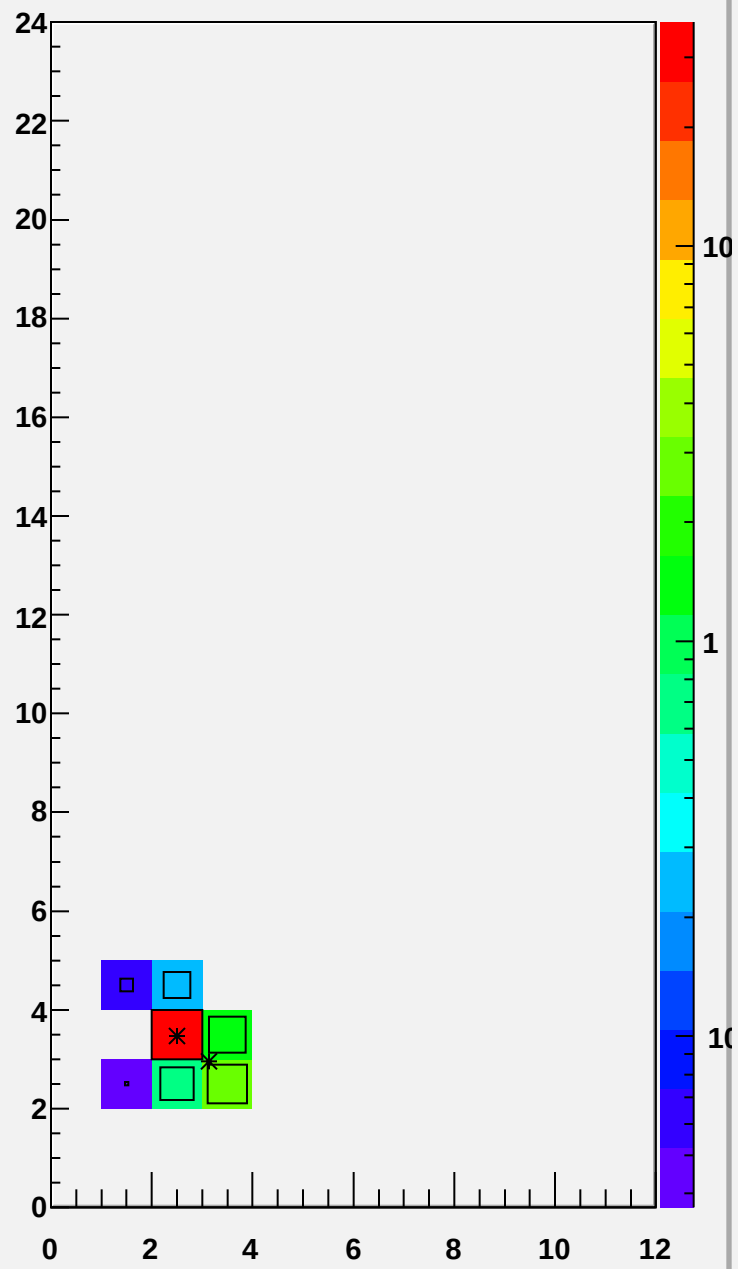
Fitted Energies



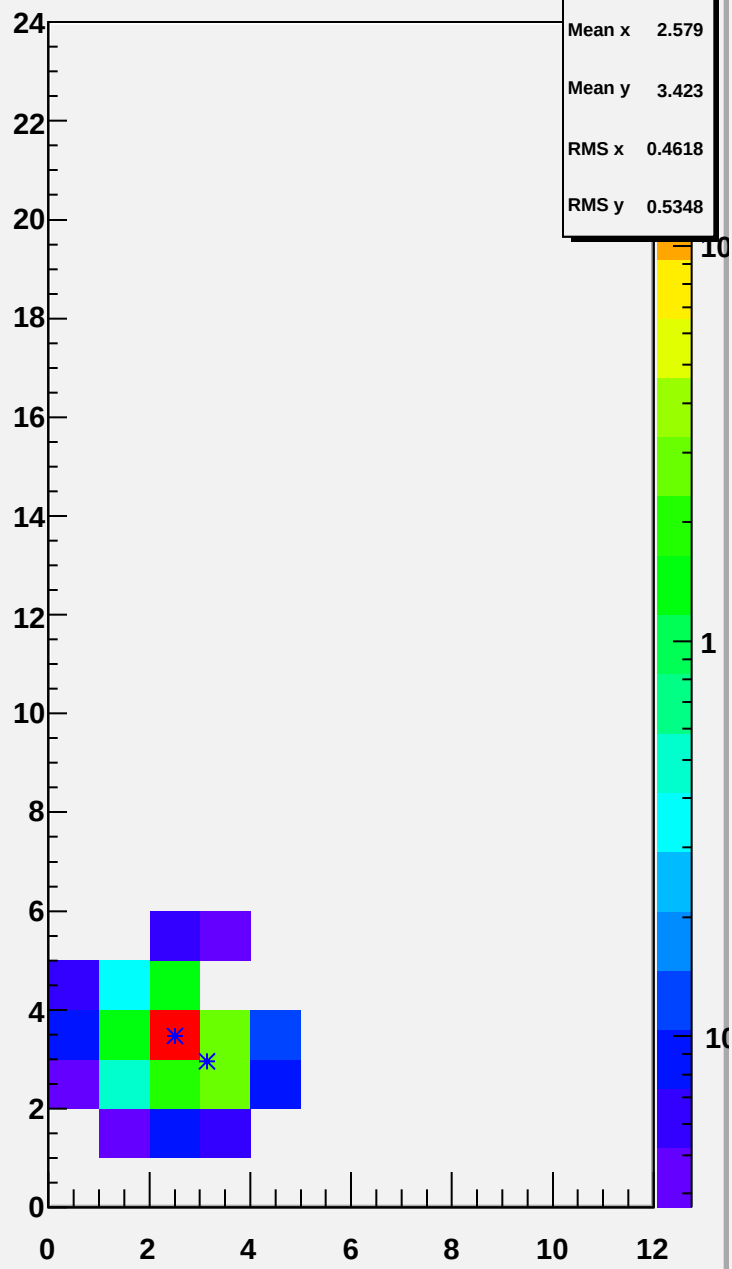
Efit

Entries	288
Mean x	2.551
Mean y	2.929
RMS x	0.5185
RMS y	0.6483

NSTB3_r4_c3_En=42.1_m0=0.065 m1=0.066 index=2396



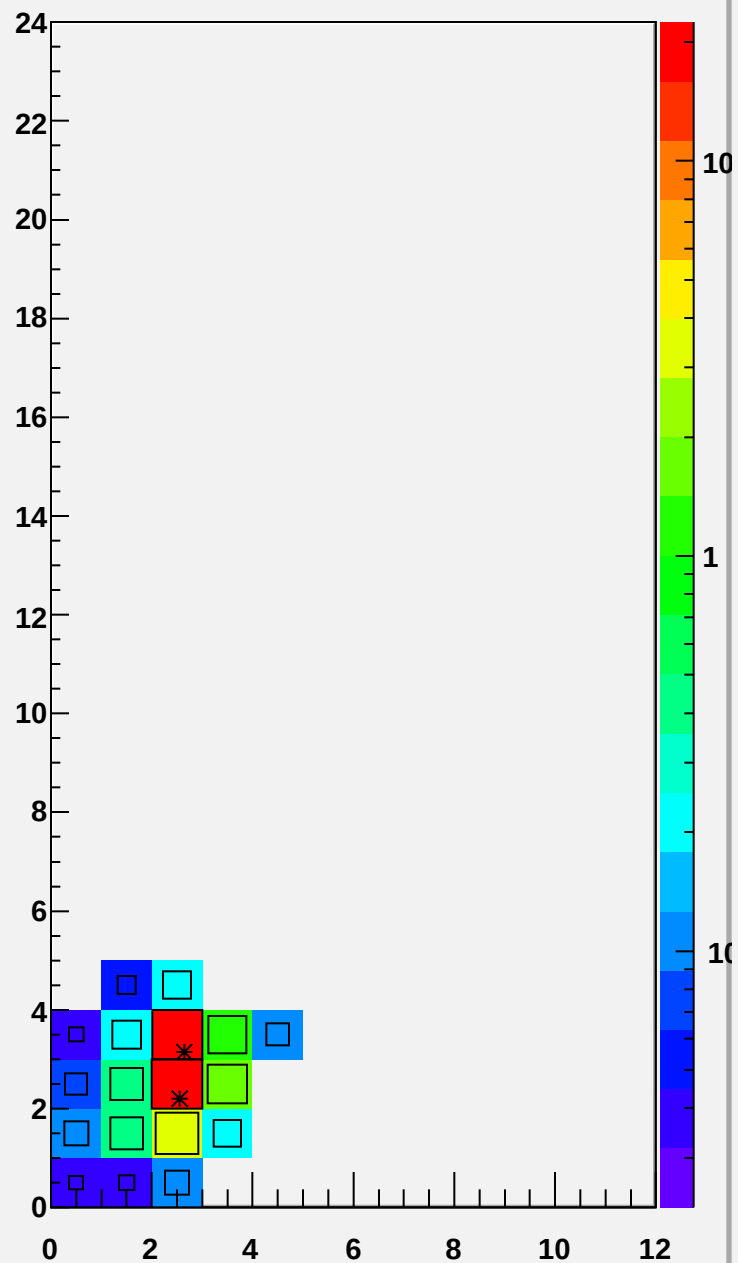
Fitted Energies



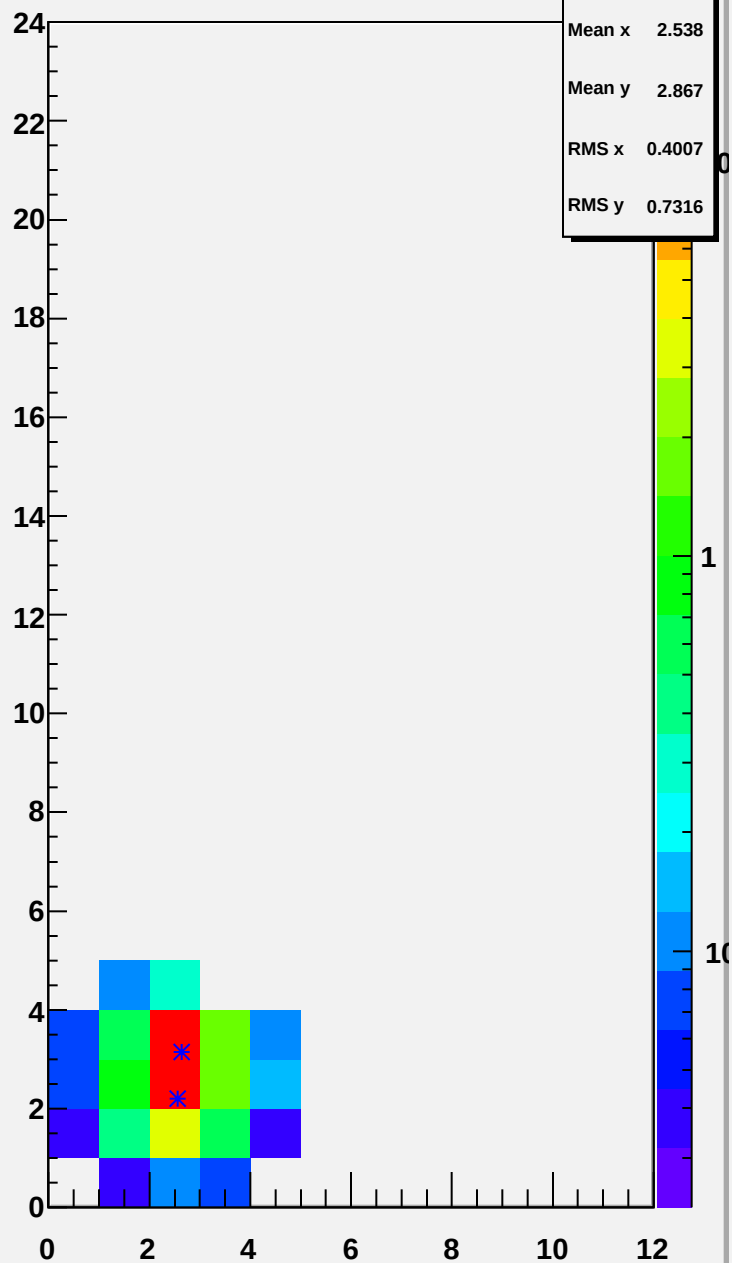
Efit

Entries	288
Mean x	2.579
Mean y	3.423
RMS x	0.4618
RMS y	0.5348

NSTB3_r4_c3_En=50.7_m0=0.132 m1=0.132 index=2397



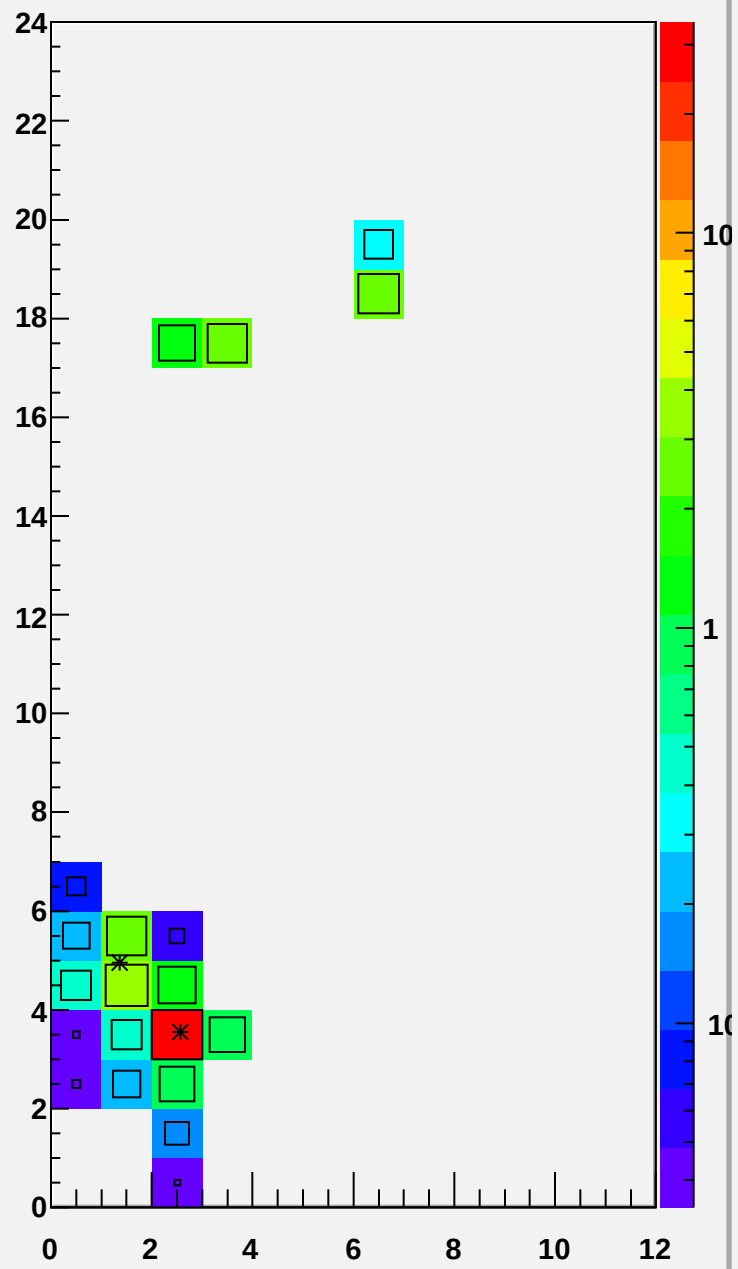
Fitted Energies



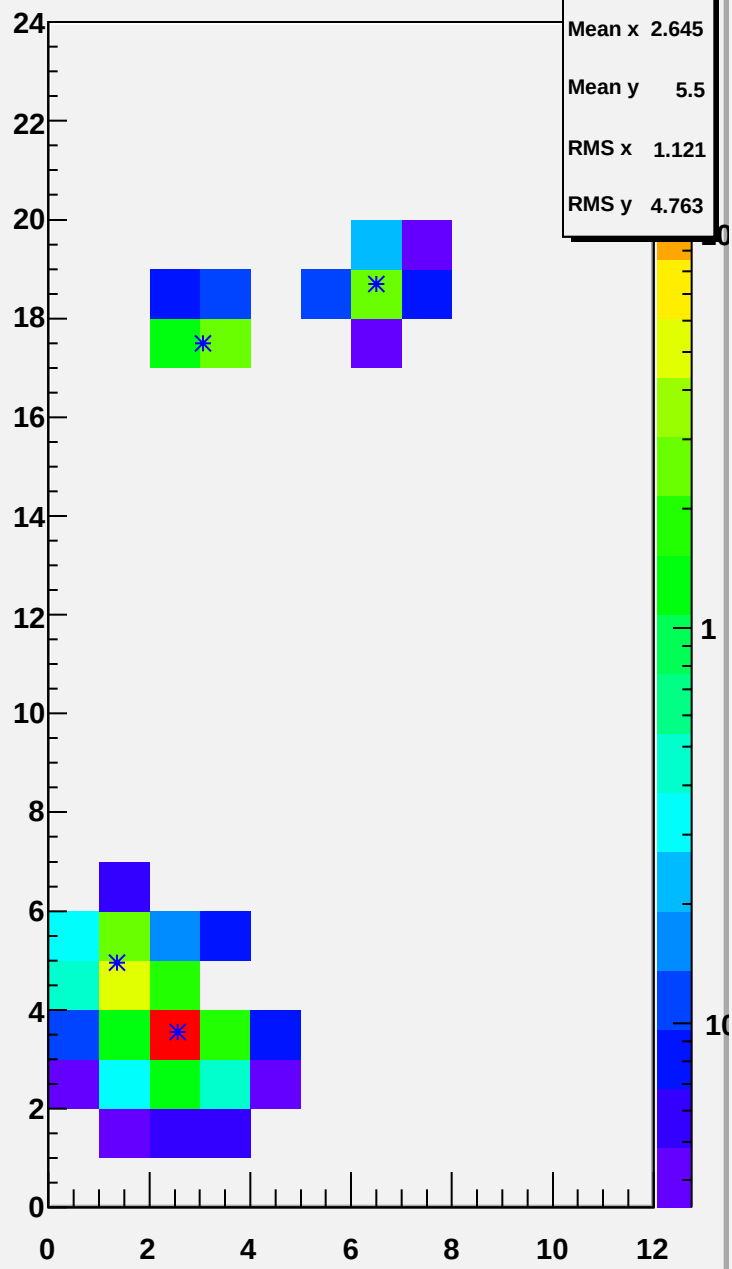
Efit

Entries	288
Mean x	2.538
Mean y	2.867
RMS x	0.4007
RMS y	0.7316

NSTB3_r4_c3_En=52.7_m0=0.184 m1=0.184 index=2398



Fitted Energies



Efit

Entries 288

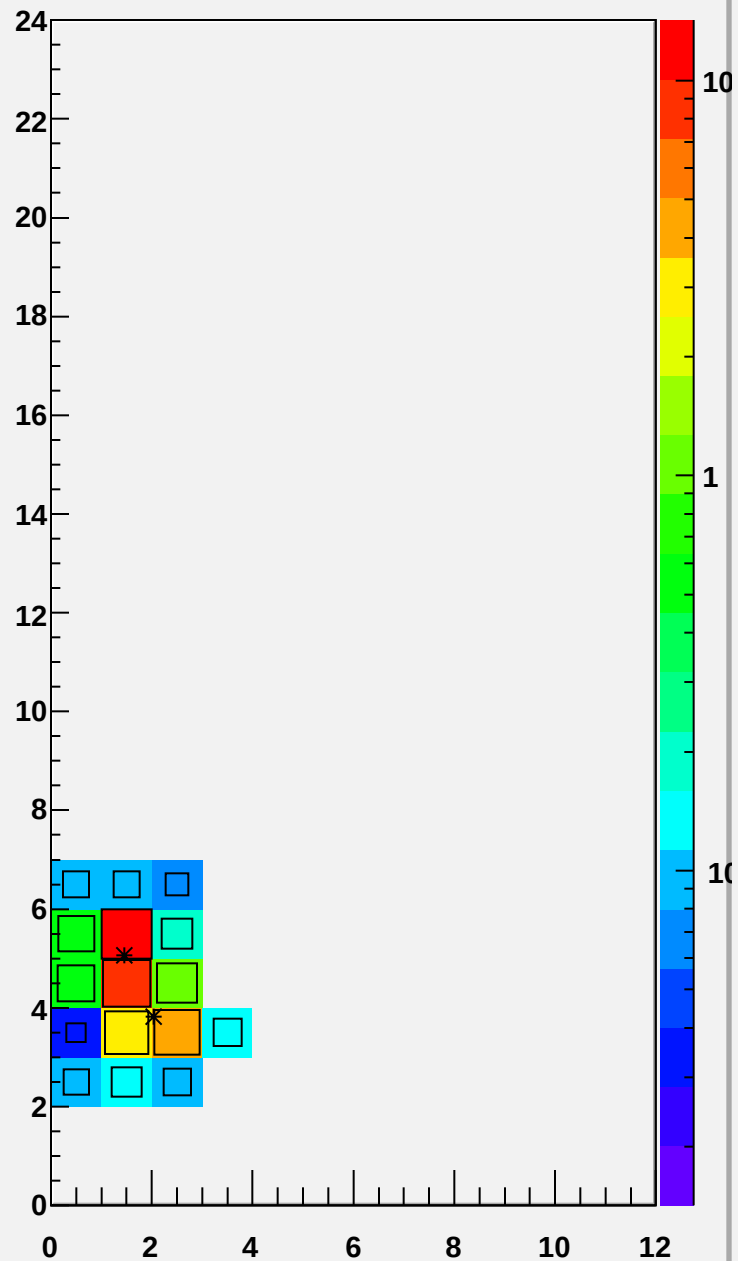
Mean x 2.645

Mean y 5.5

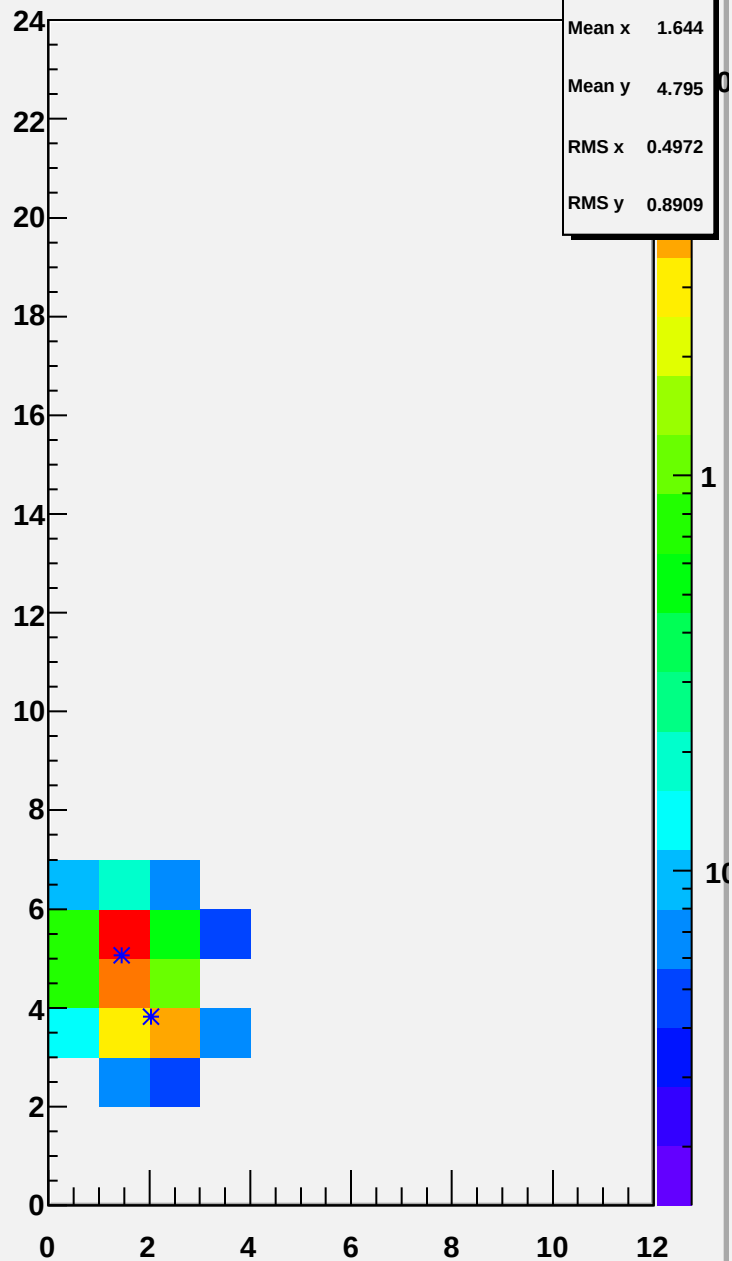
RMS x 1.121

RMS y 4.763

NSTB3_r4_c3_En=31.2_m0=0.105 m1=0.105 index=2399



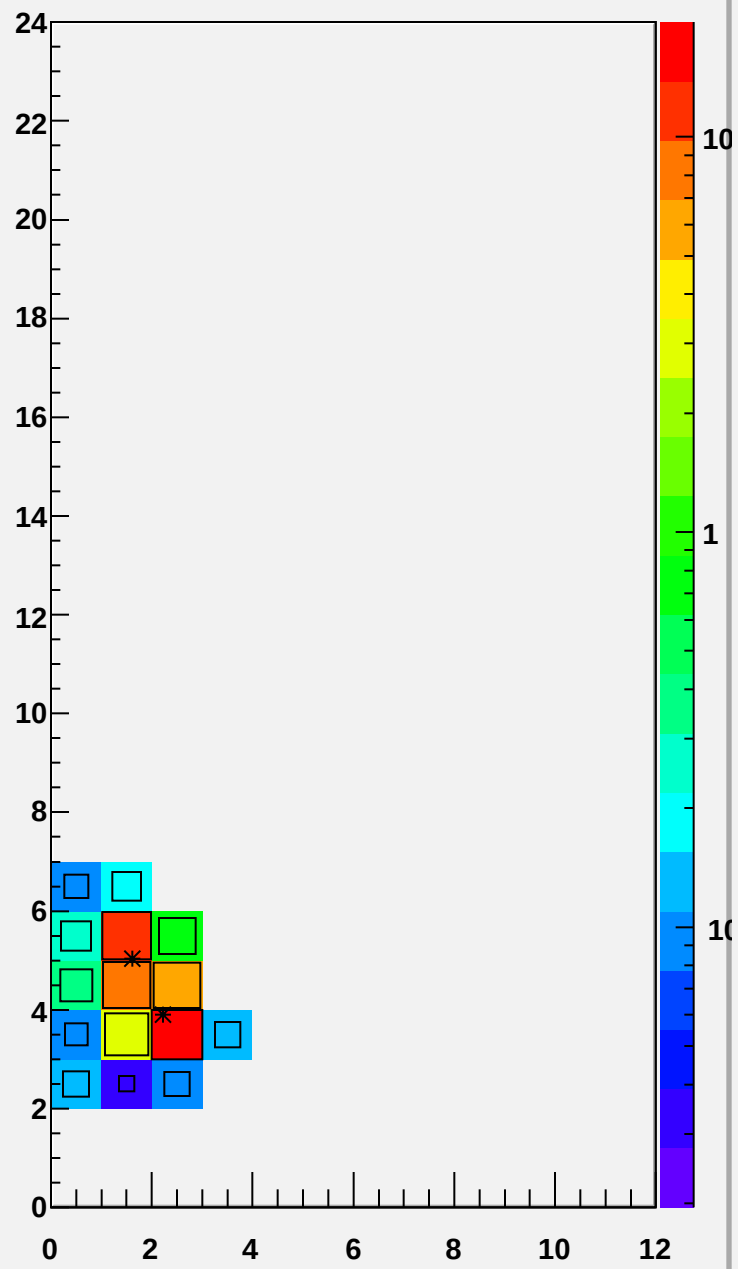
Fitted Energies



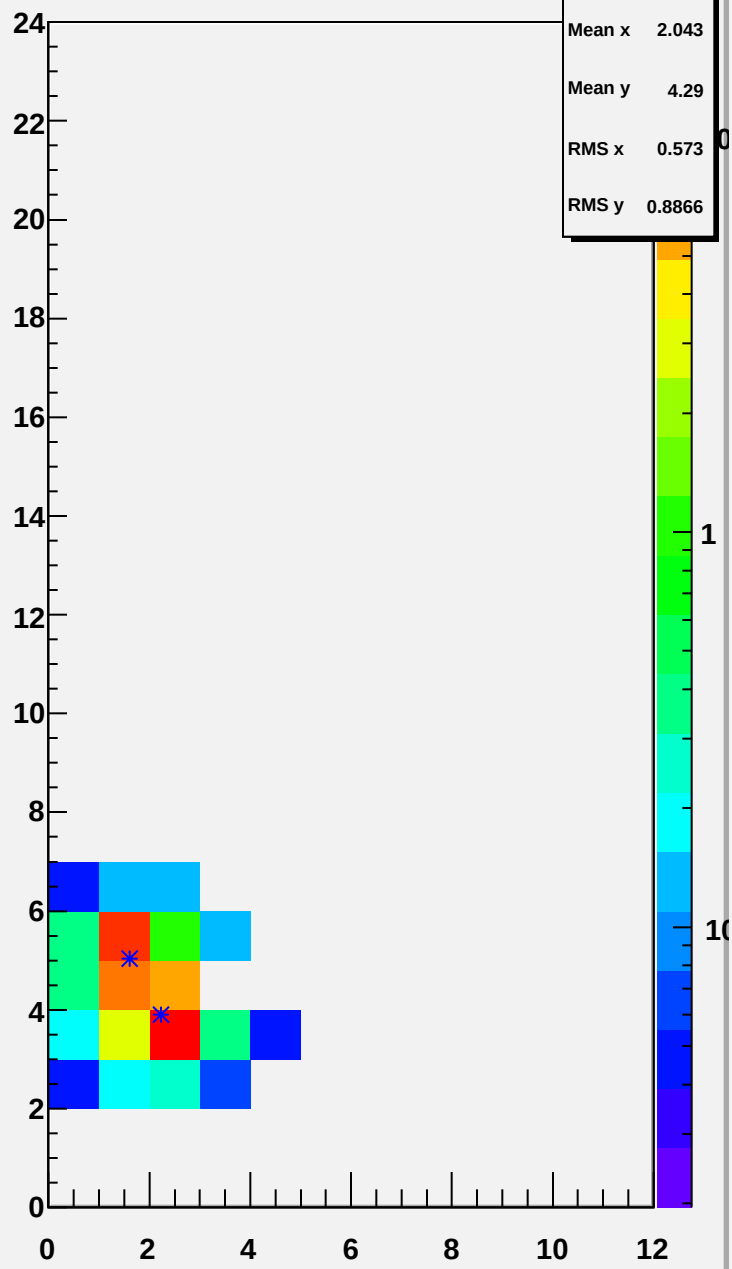
Efit

Entries	288
Mean x	1.644
Mean y	4.795
RMS x	0.4972
RMS y	0.8909

NSTB3_r4_c3_En=50.1_m0=0.178 m1=0.179 index=2400



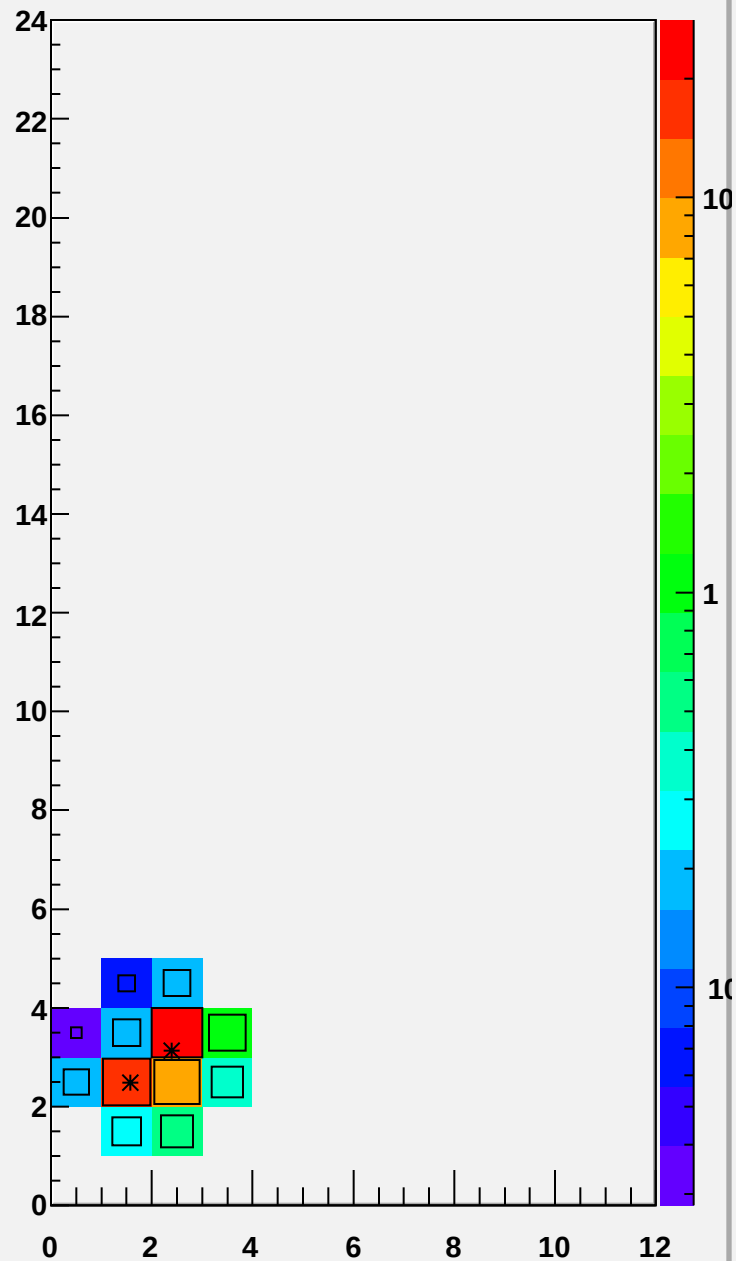
Fitted Energies



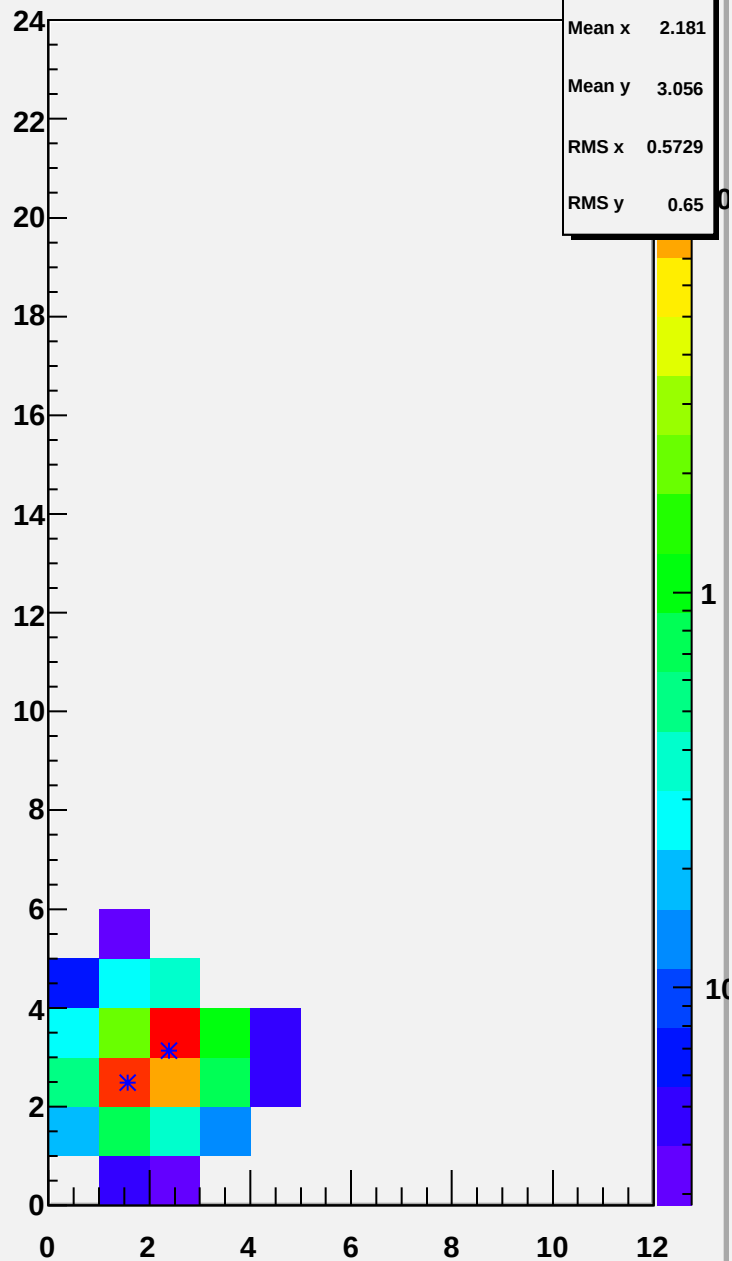
Efit

Entries	288
Mean x	2.043
Mean y	4.29
RMS x	0.573
RMS y	0.8866

NSTB3_r4_c3_En=52.5_m0=0.150 m1=0.150 index=2401



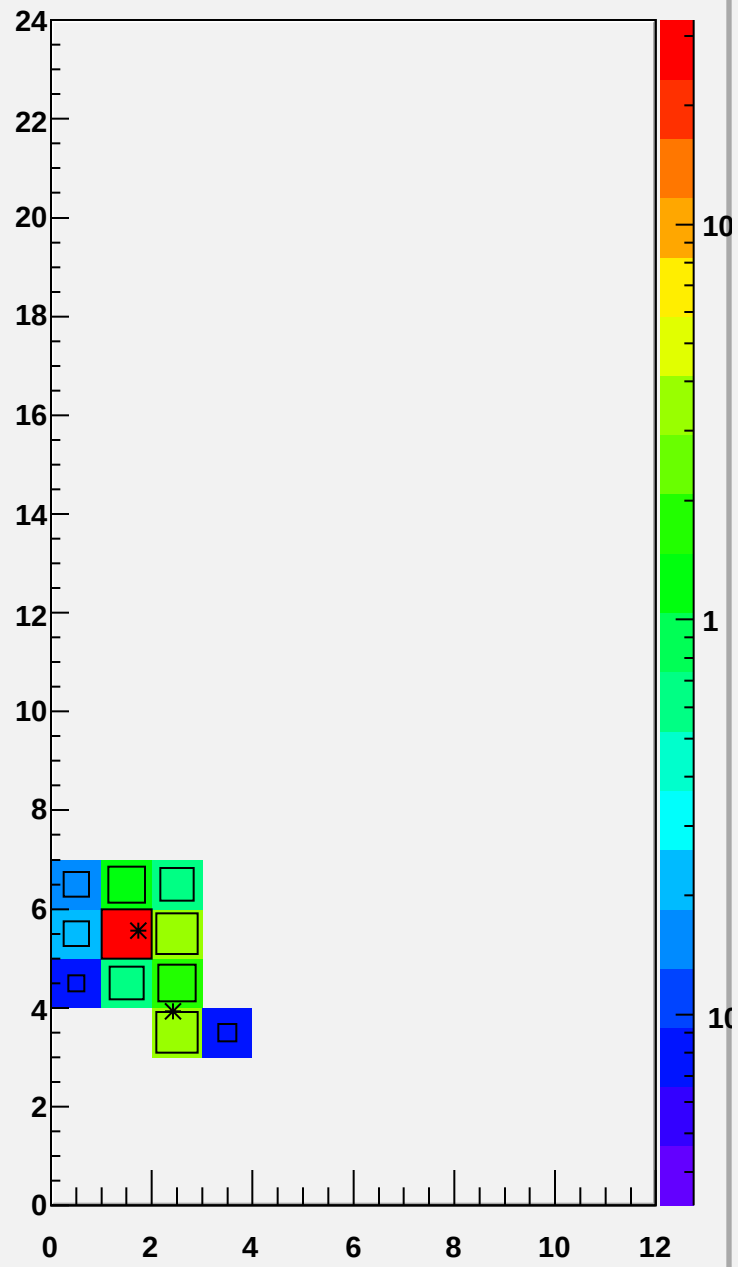
Fitted Energies



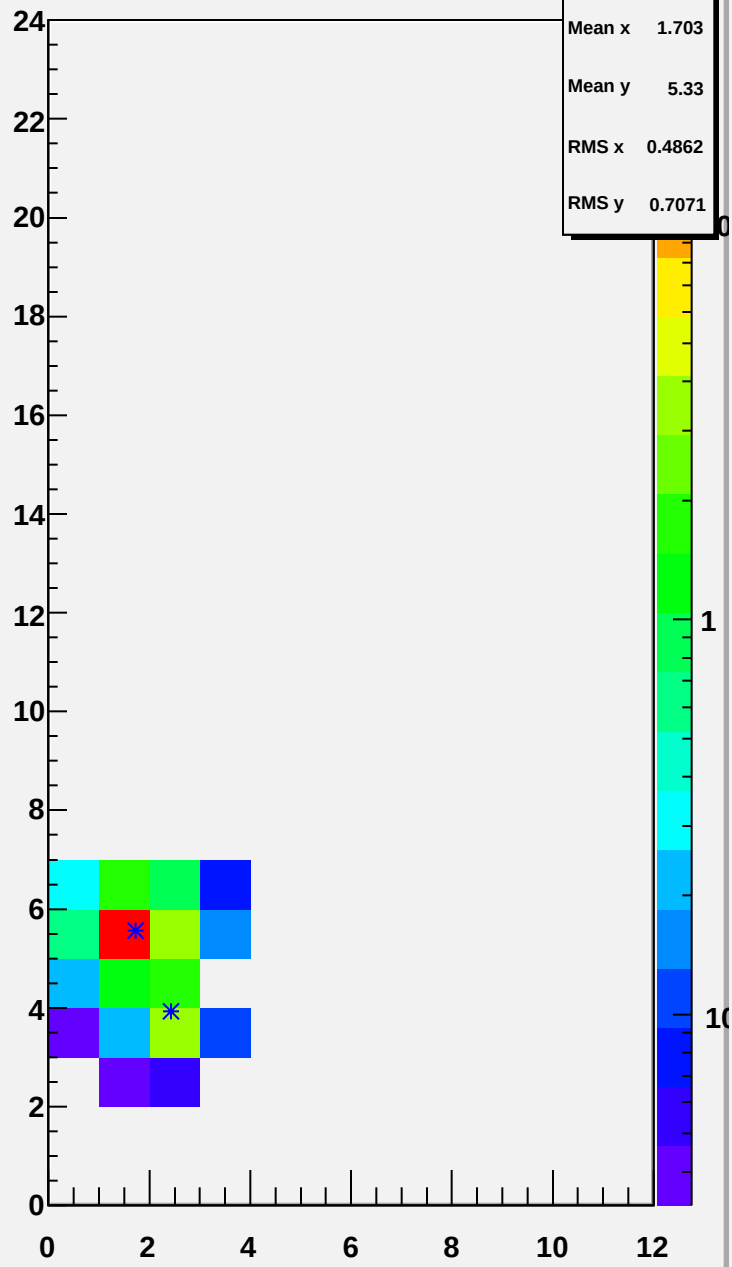
Efit

Entries	288
Mean x	2.181
Mean y	3.056
RMS x	0.5729
RMS y	0.65

NSTB3_r4_c3_En=44.5_m0=0.148 m1=0.148 index=2402



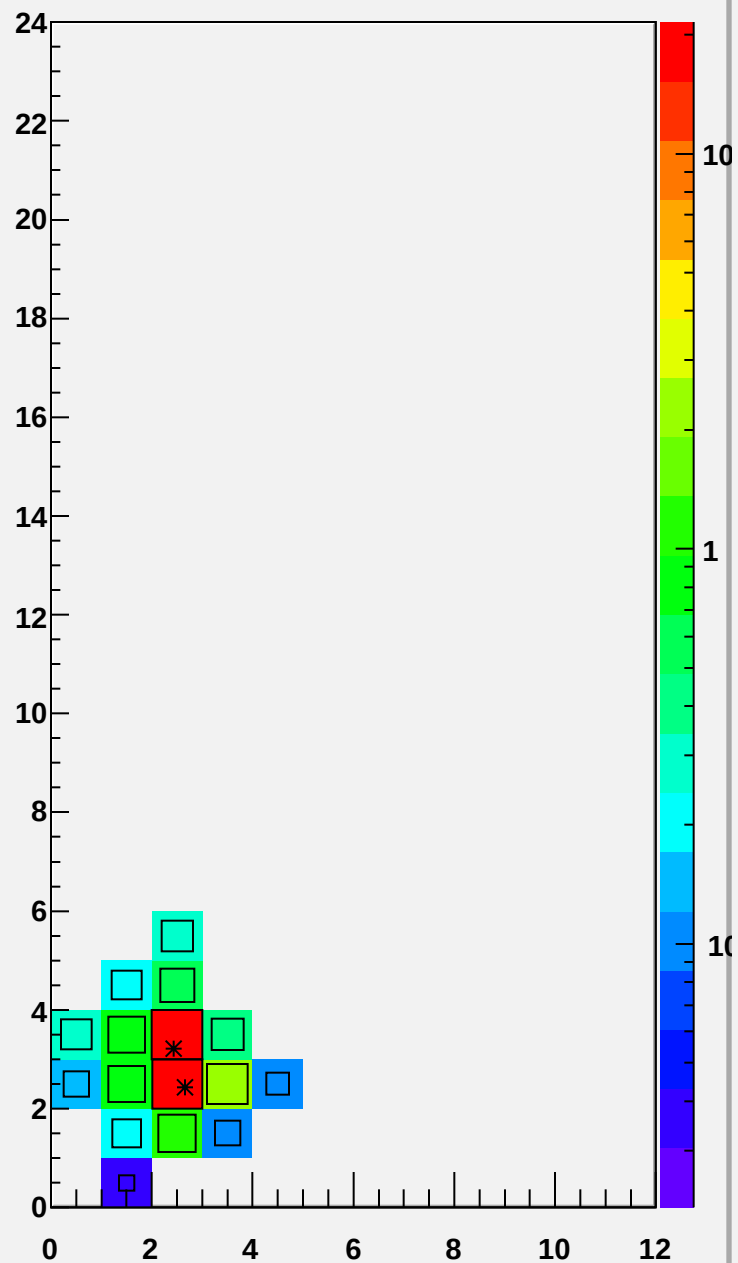
Fitted Energies



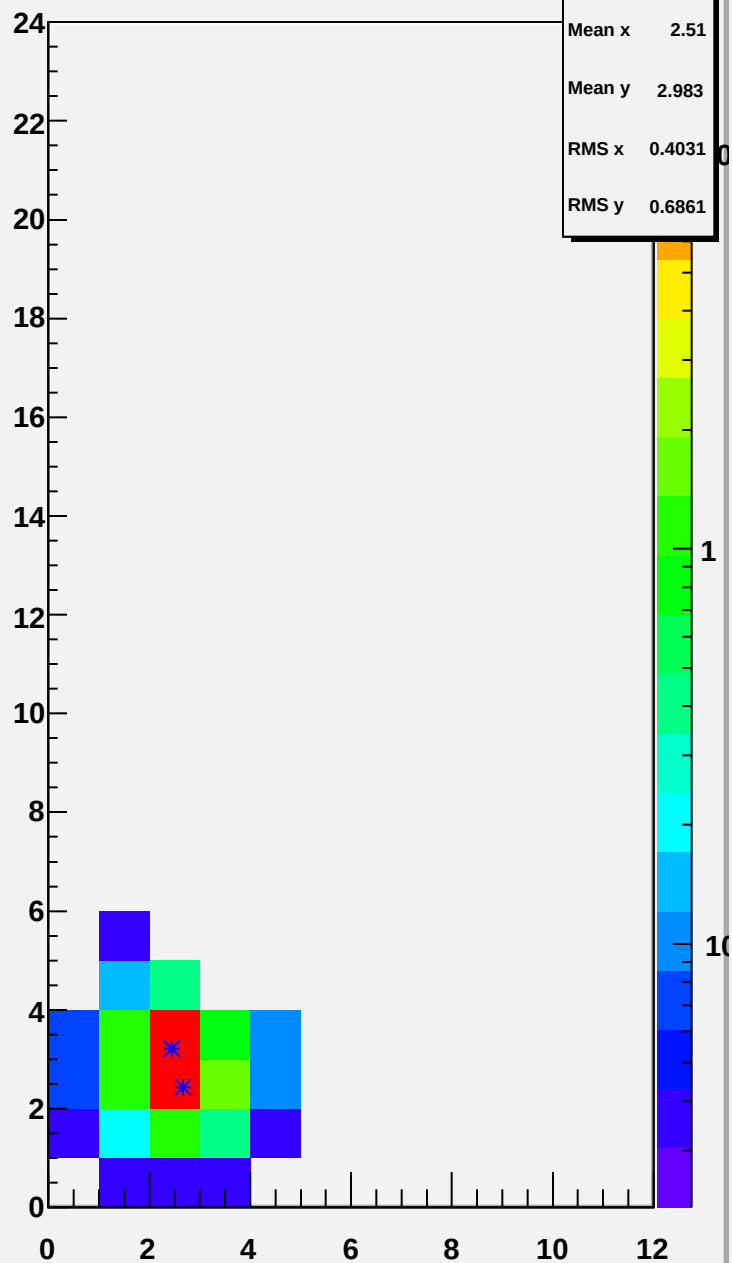
Efit

Entries	288
Mean x	1.703
Mean y	5.33
RMS x	0.4862
RMS y	0.7071

NSTB3_r4_c3_En=47.9_m0=0.105 m1=0.105 index=2403



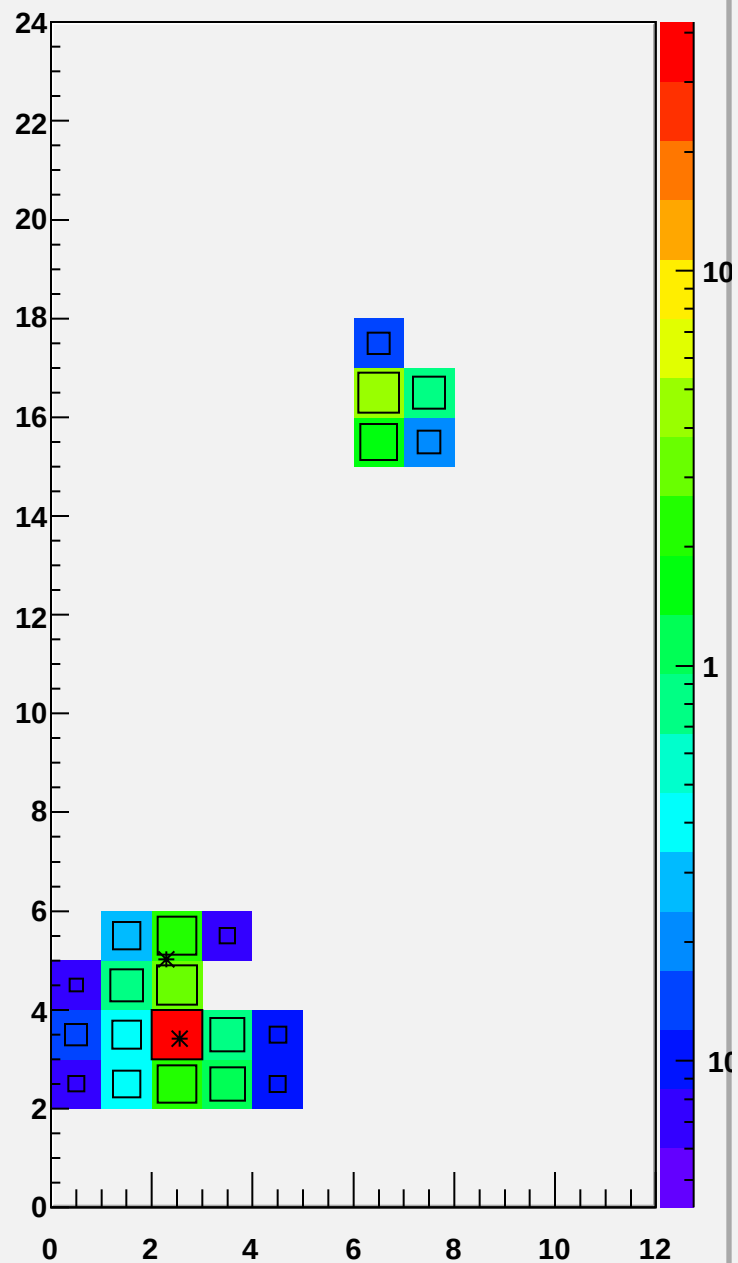
Fitted Energies



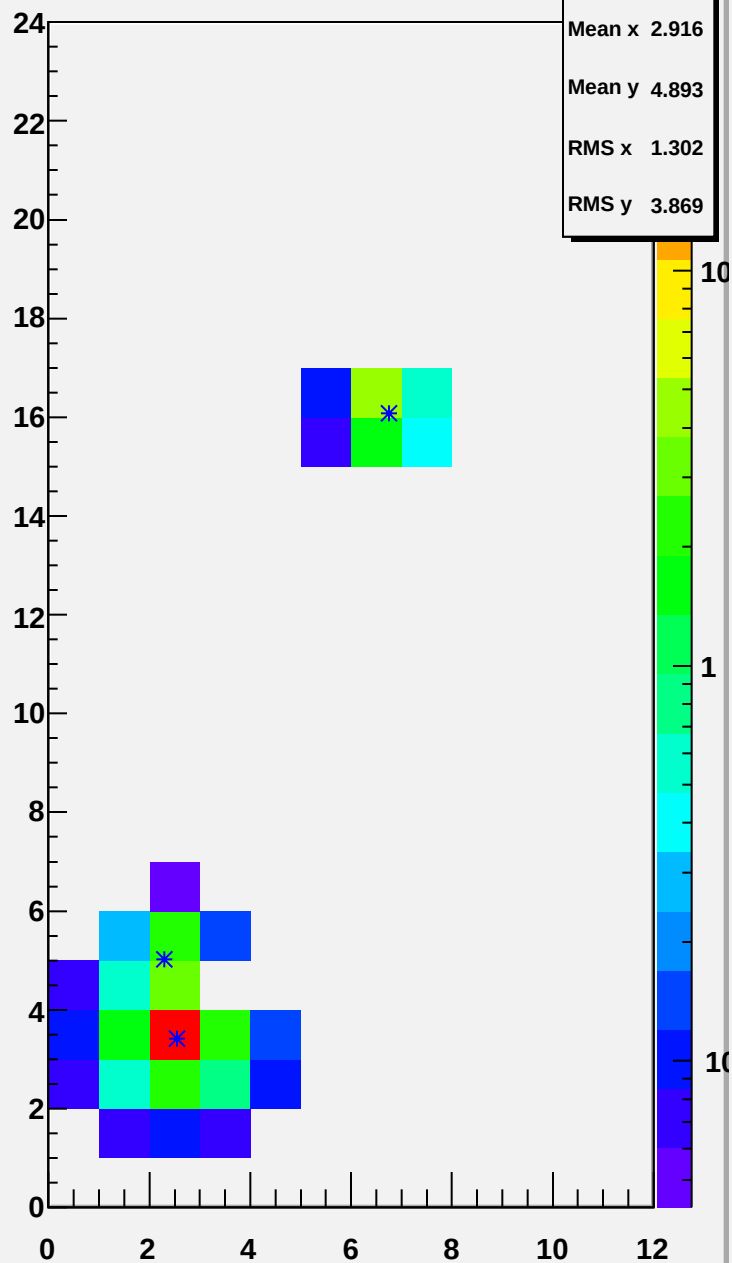
Efit

Entries	288
Mean x	2.51
Mean y	2.983
RMS x	0.4031
RMS y	0.6861

NSTB3_r4_c3_En=61.7_m0=0.145 m1=0.146 index=2404



Fitted Energies



Efit

Entries 288

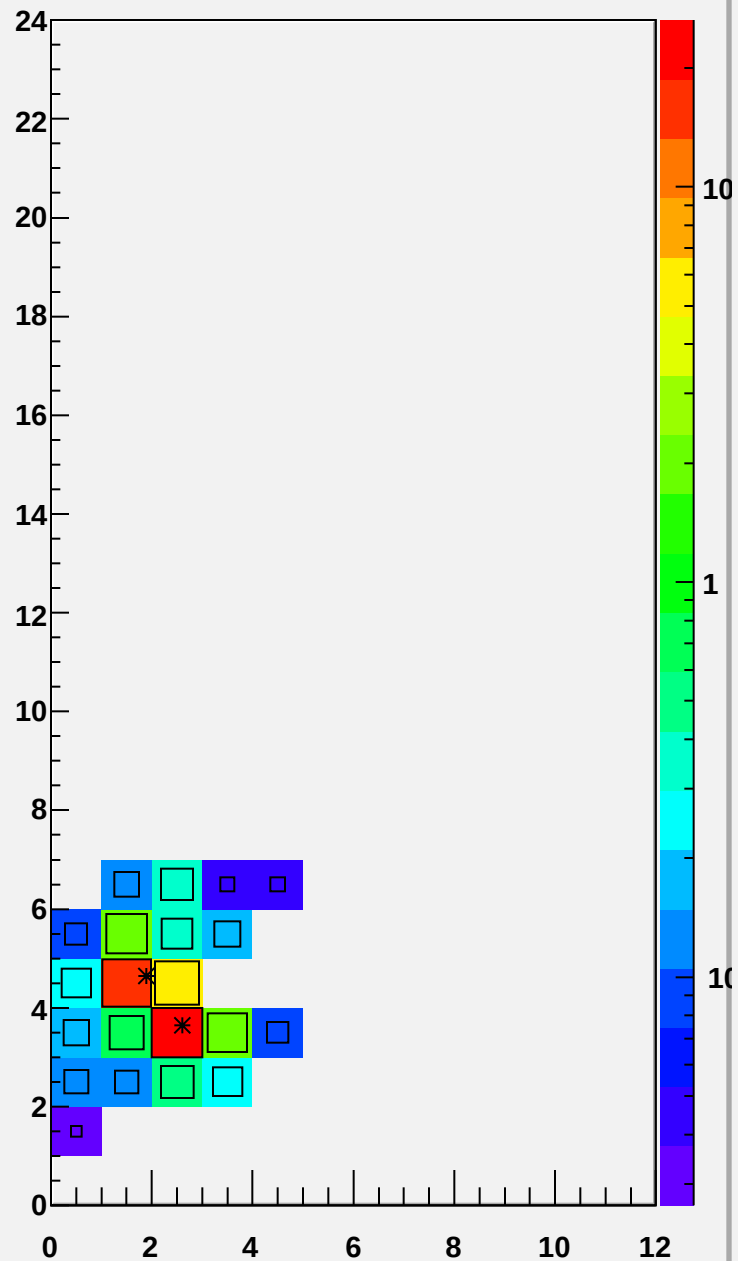
Mean x 2.916

Mean y 4.893

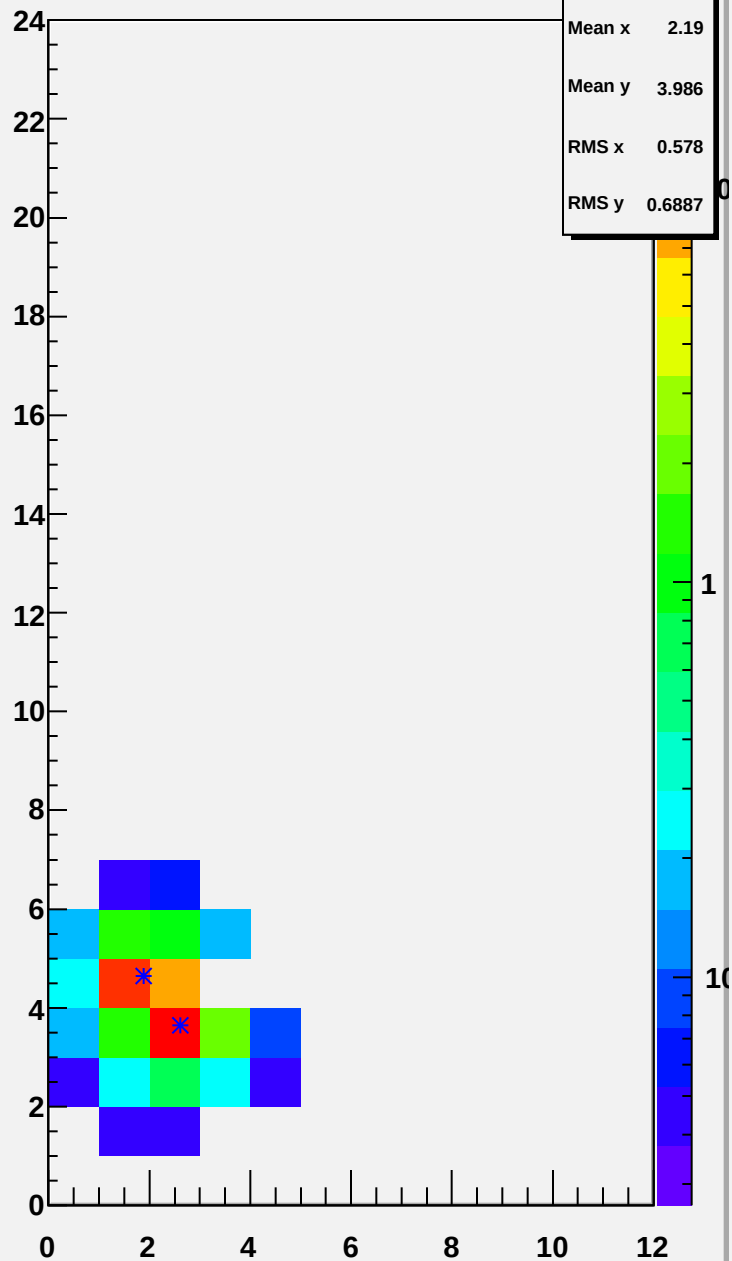
RMS x 1.302

RMS y 3.869

NSTB3_r4_c3_En=54.9_m0=0.191 m1=0.191 index=2405



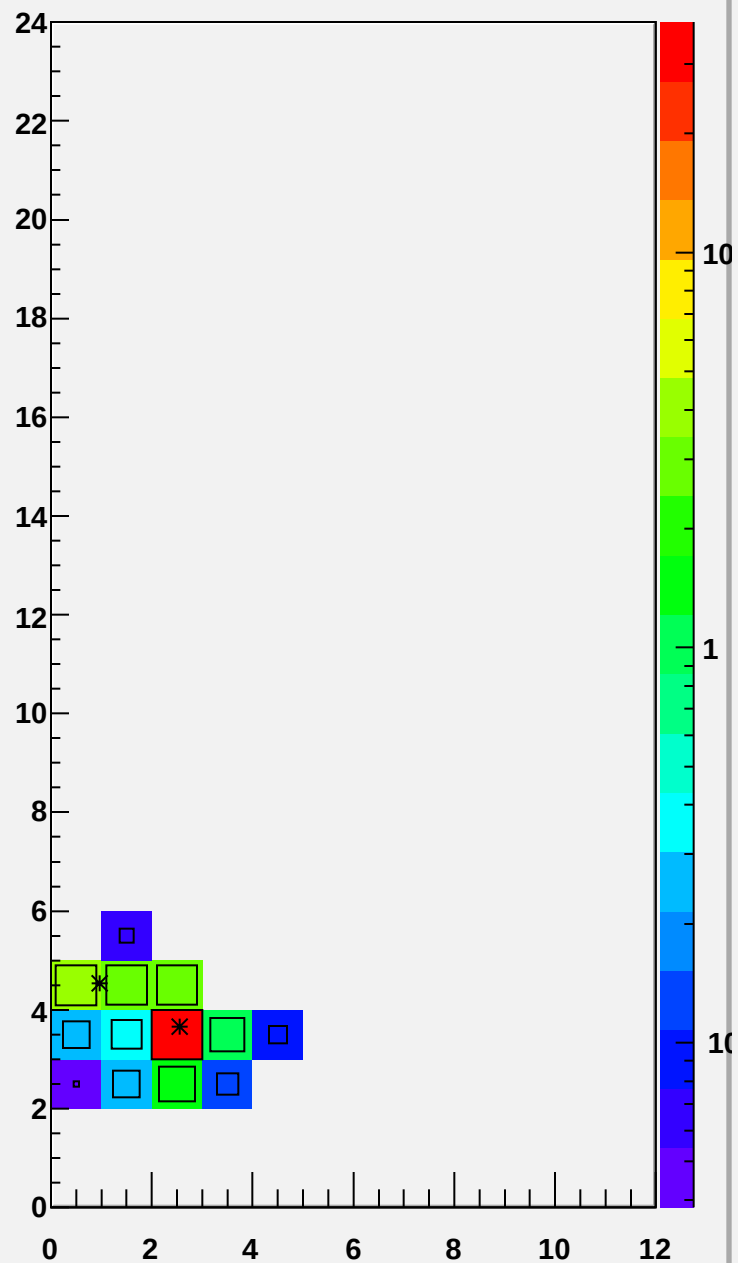
Fitted Energies



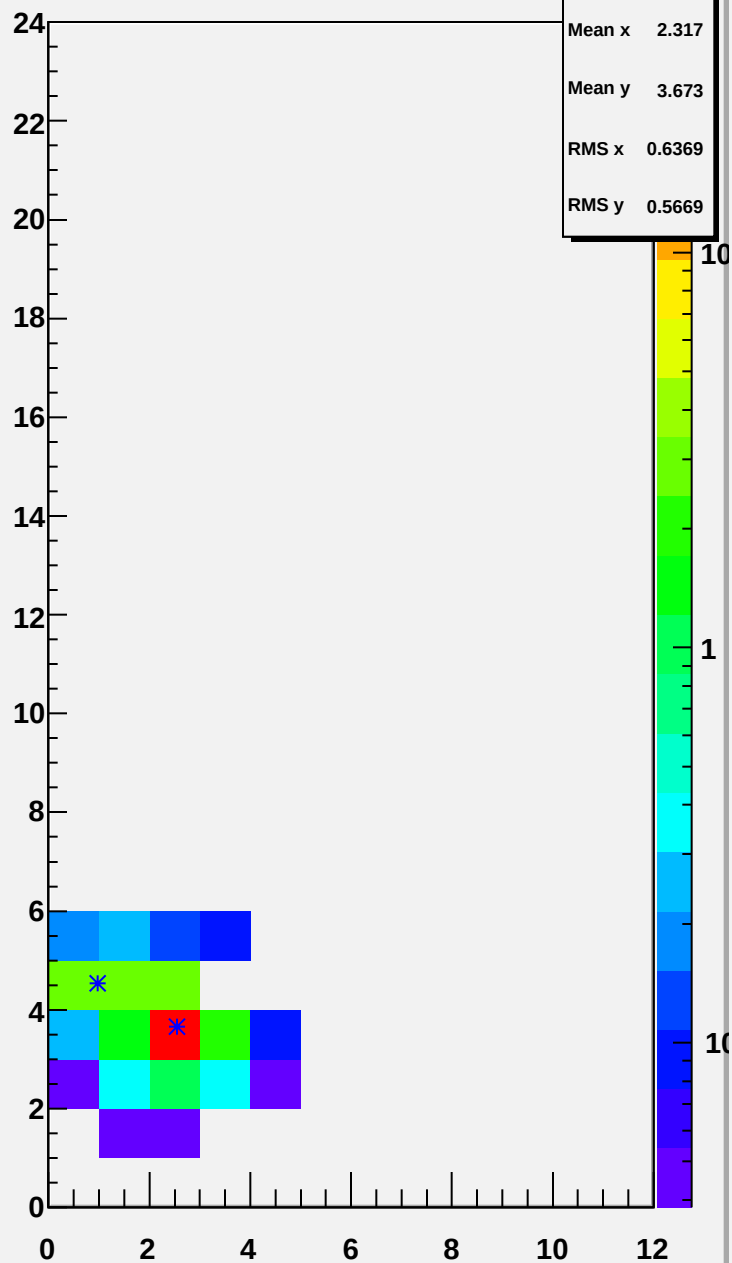
Efit

Entries	288
Mean x	2.19
Mean y	3.986
RMS x	0.578
RMS y	0.6887

NSTB3_r4_c3_En=51.4_m0=0.169_m1=0.168_index=2407



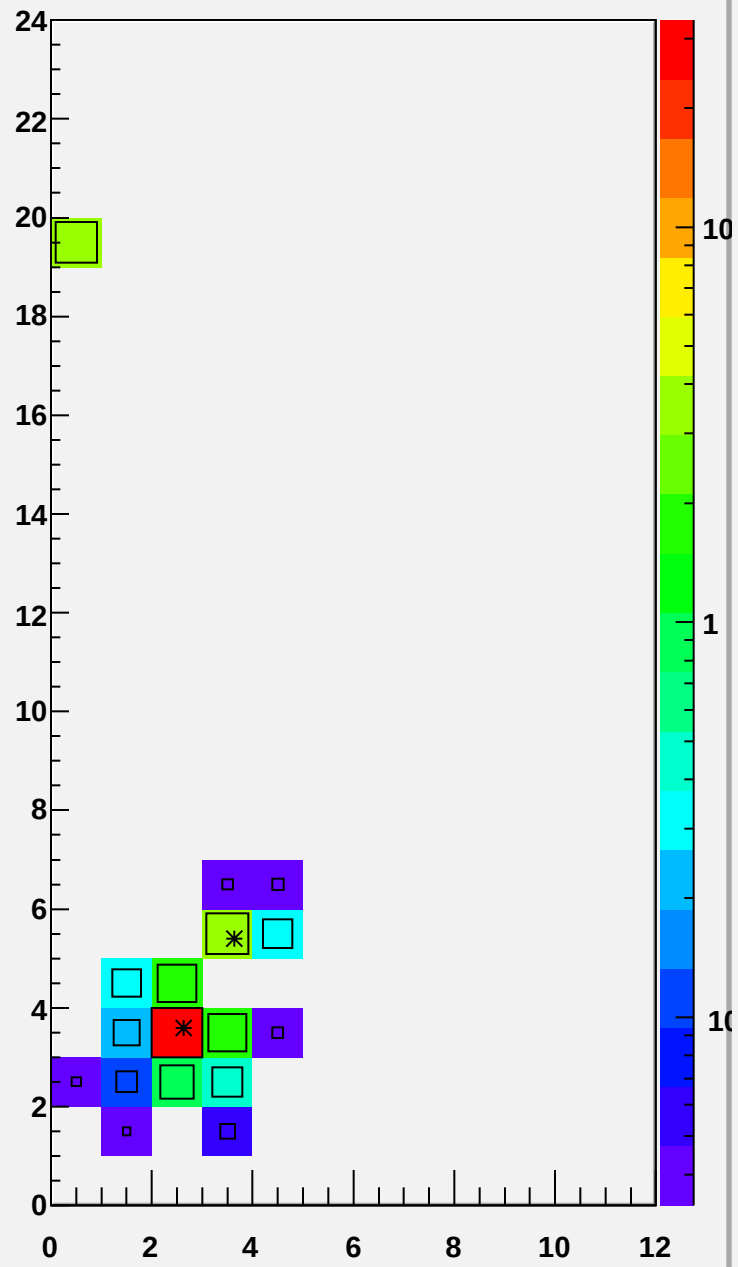
Fitted Energies



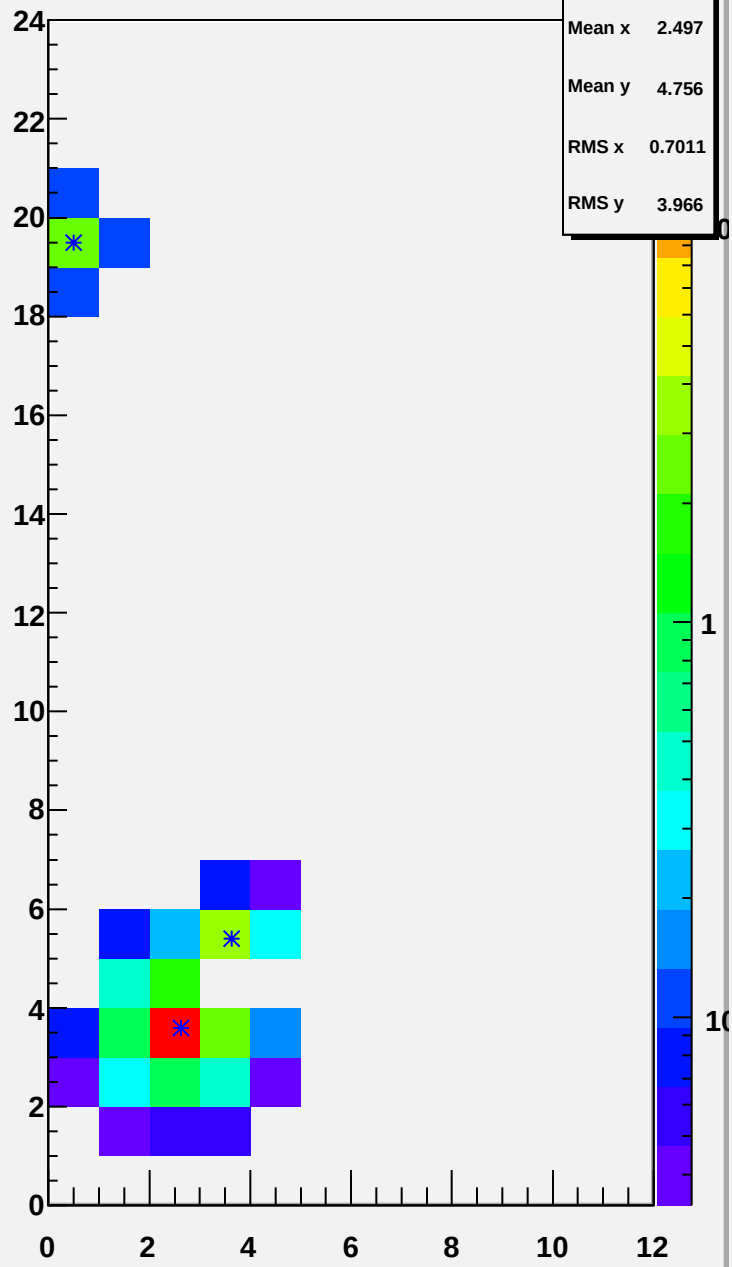
Efit

Entries	288
Mean x	2.317
Mean y	3.673
RMS x	0.6369
RMS y	0.5669

NSTB3_r4_c3_En=46.4_m0=0.160 m1=0.160 index=2408



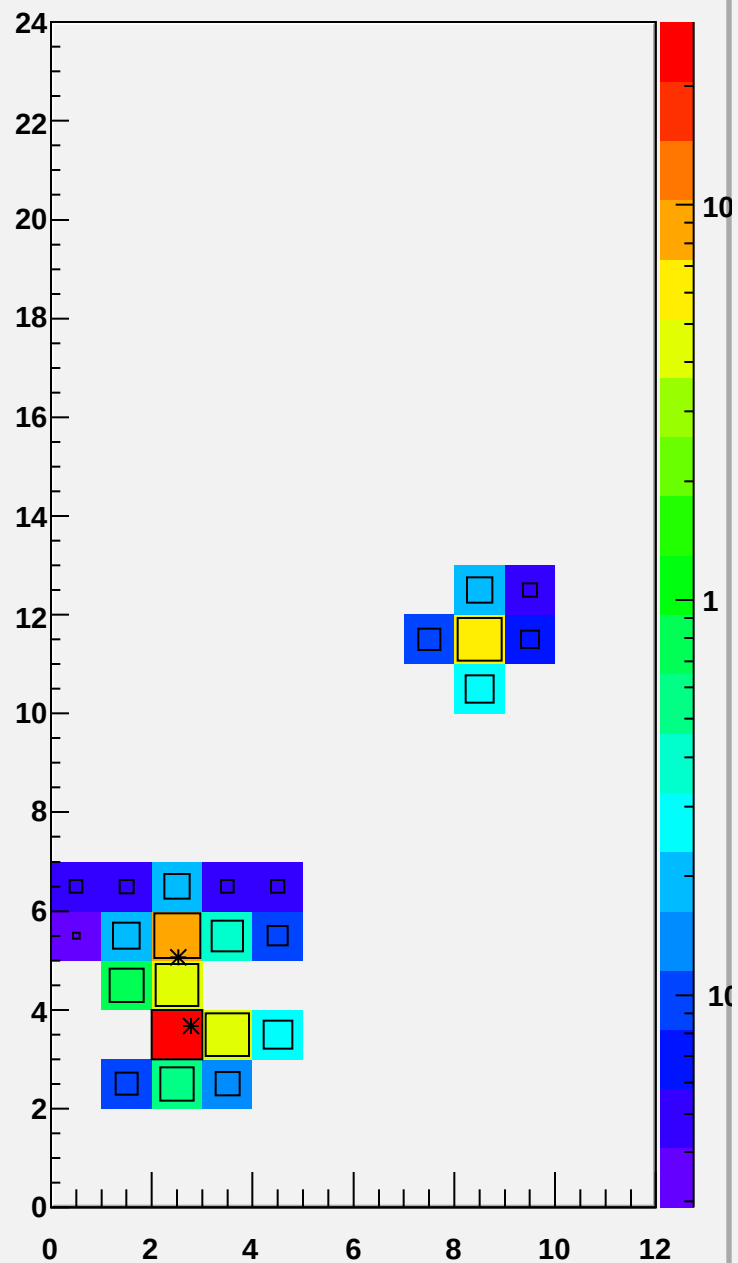
Fitted Energies



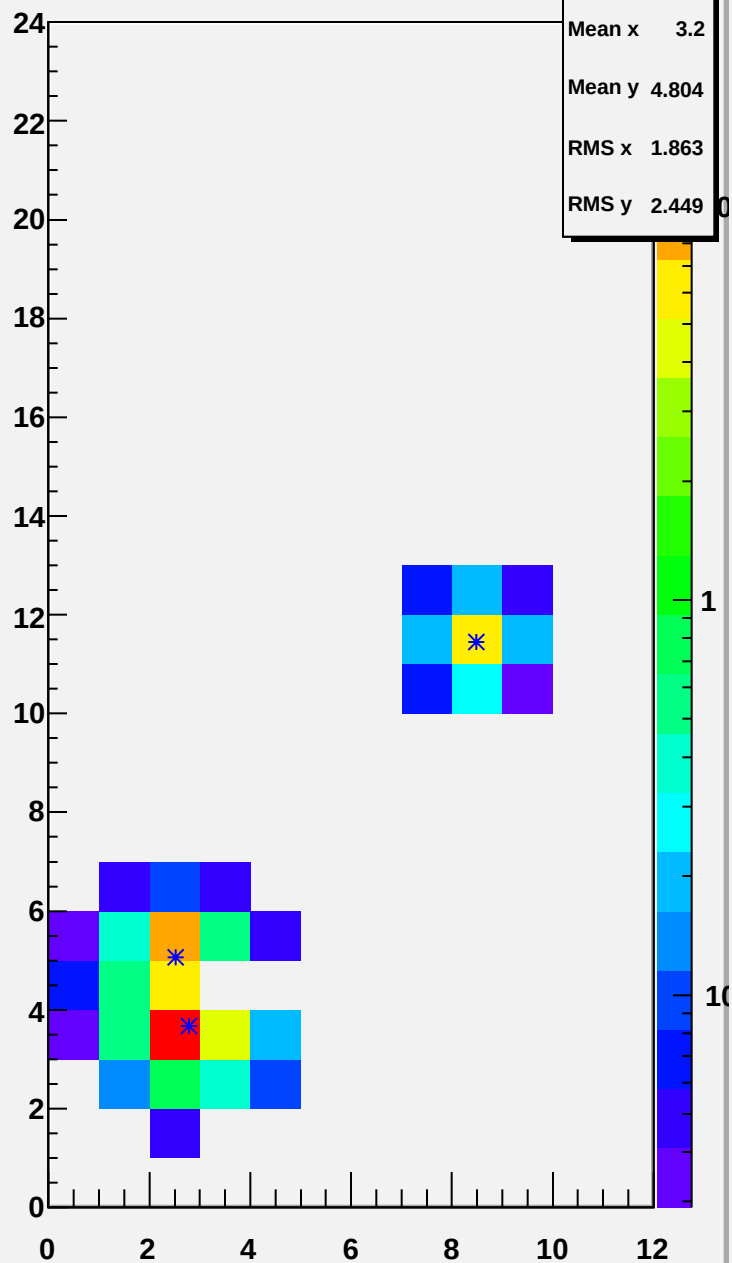
Efit

Entries	288
Mean x	2.497
Mean y	4.756
RMS x	0.7011
RMS y	3.966

NSTB3_r4_c3_En=56.0_m0=0.192 m1=0.192 index=2409



Fitted Energies



Efit

Entries 288

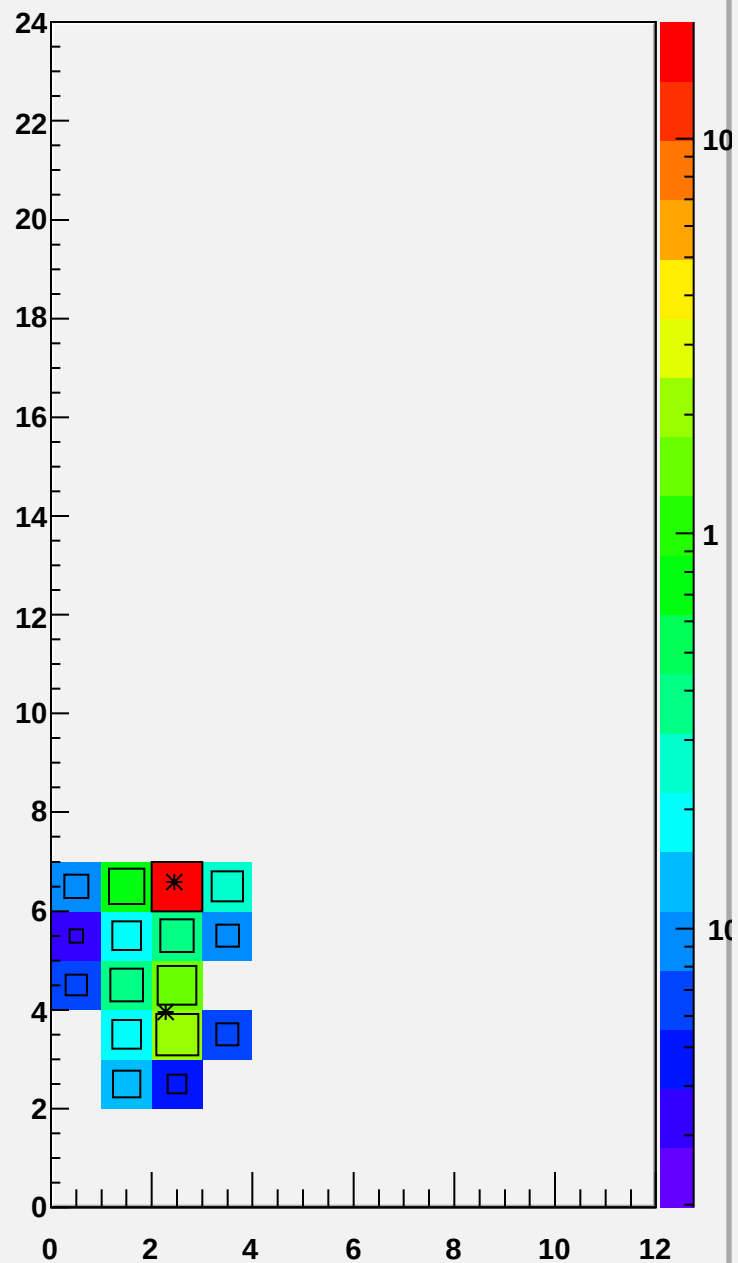
Mean x 3.2

Mean y 4.804

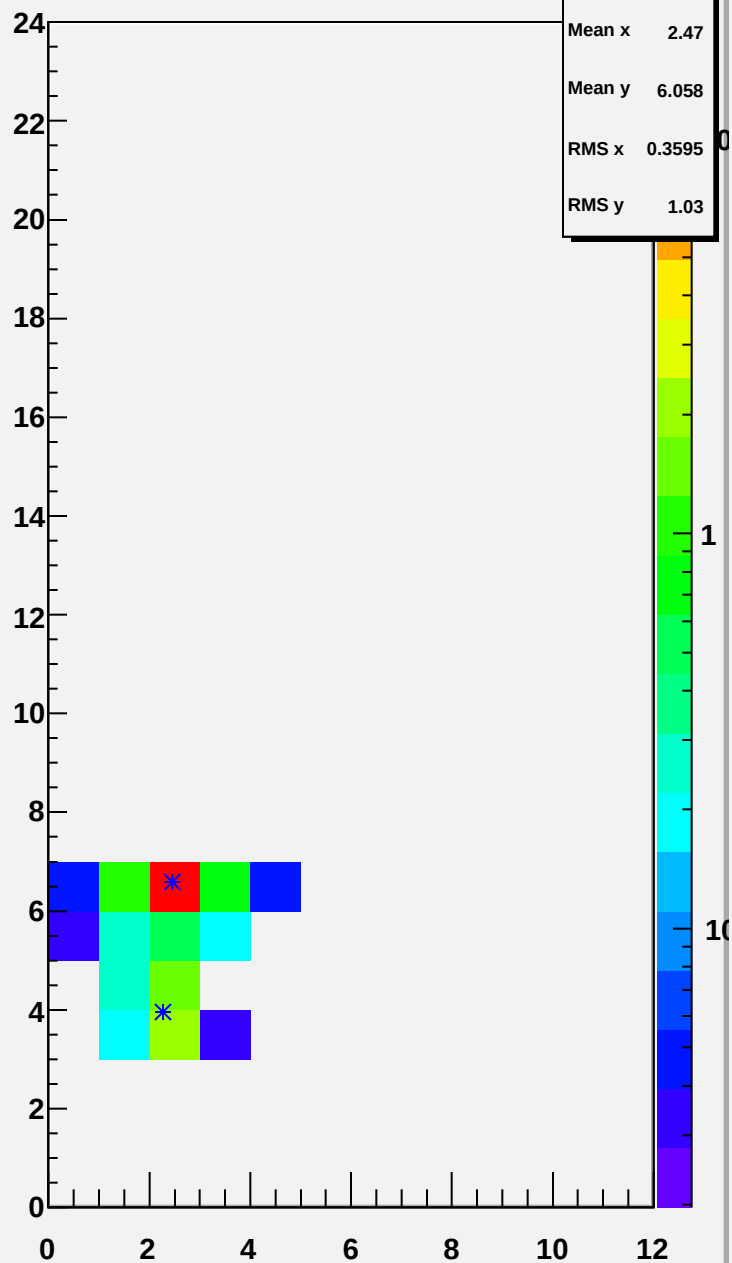
RMS x 1.863

RMS y 2.449

NSTB3_r4_c3_En=26.0_m0=0.151 m1=0.151 index=2410



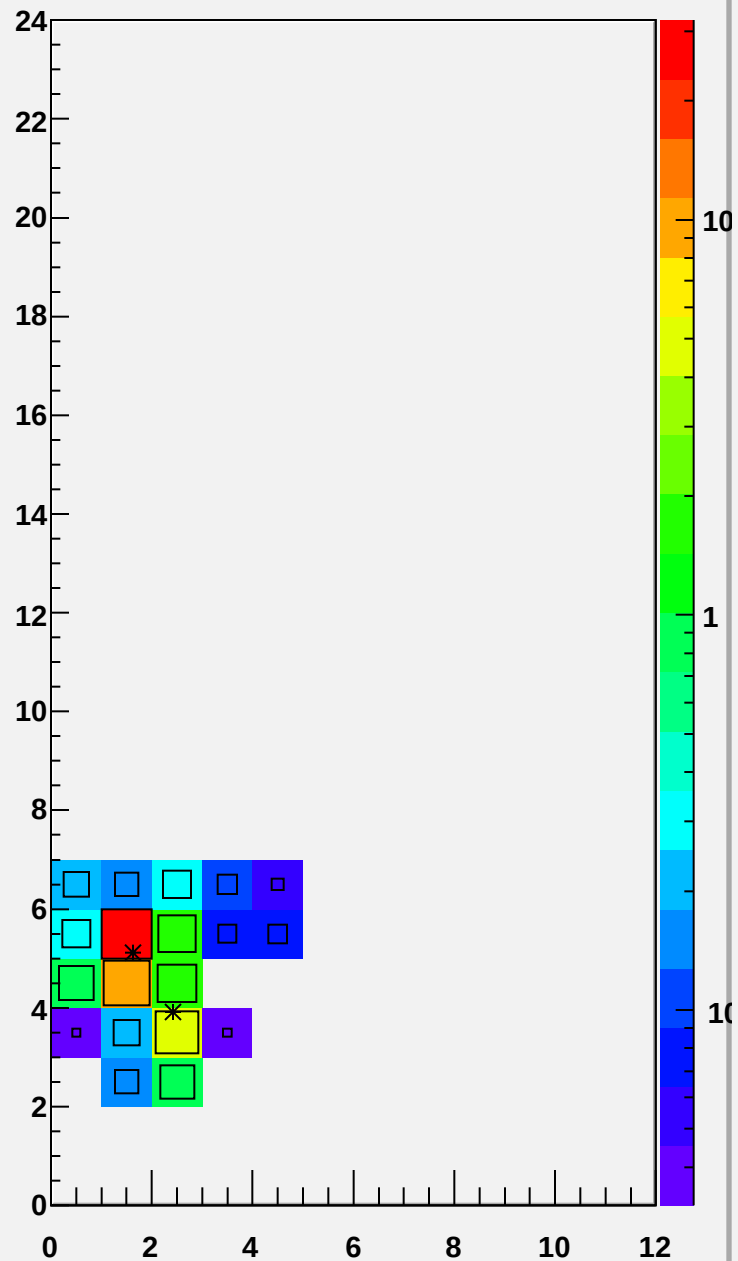
Fitted Energies



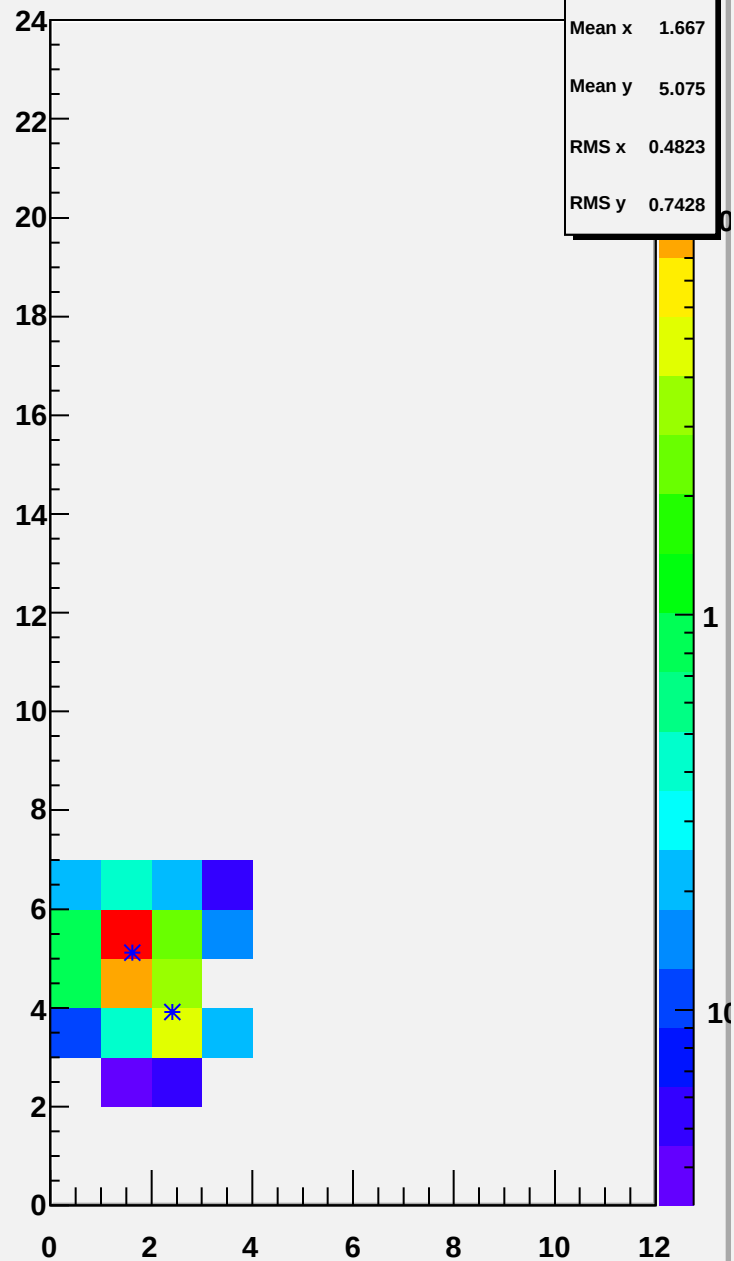
Efit

Entries	288
Mean x	2.47
Mean y	6.058
RMS x	0.3595
RMS y	1.03

NSTB3_r4_c3_En=52.3_m0=0.147 m1=0.147 index=2411



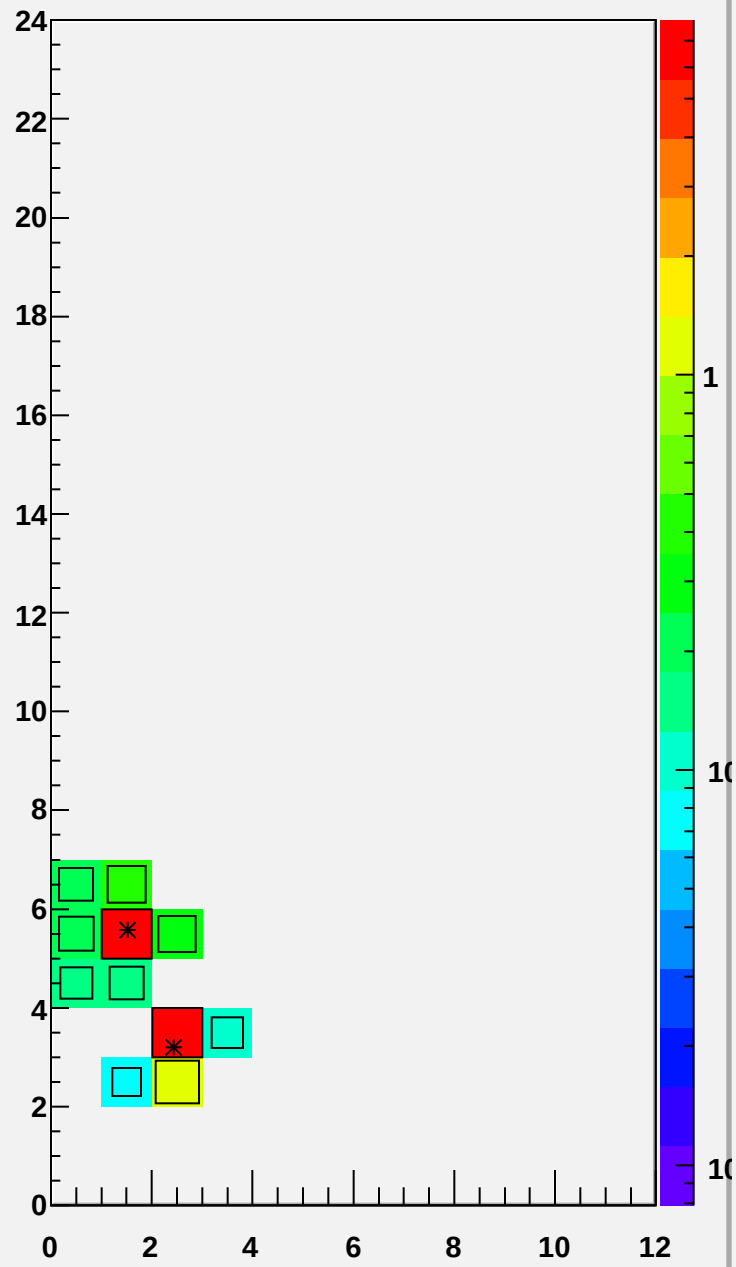
Fitted Energies



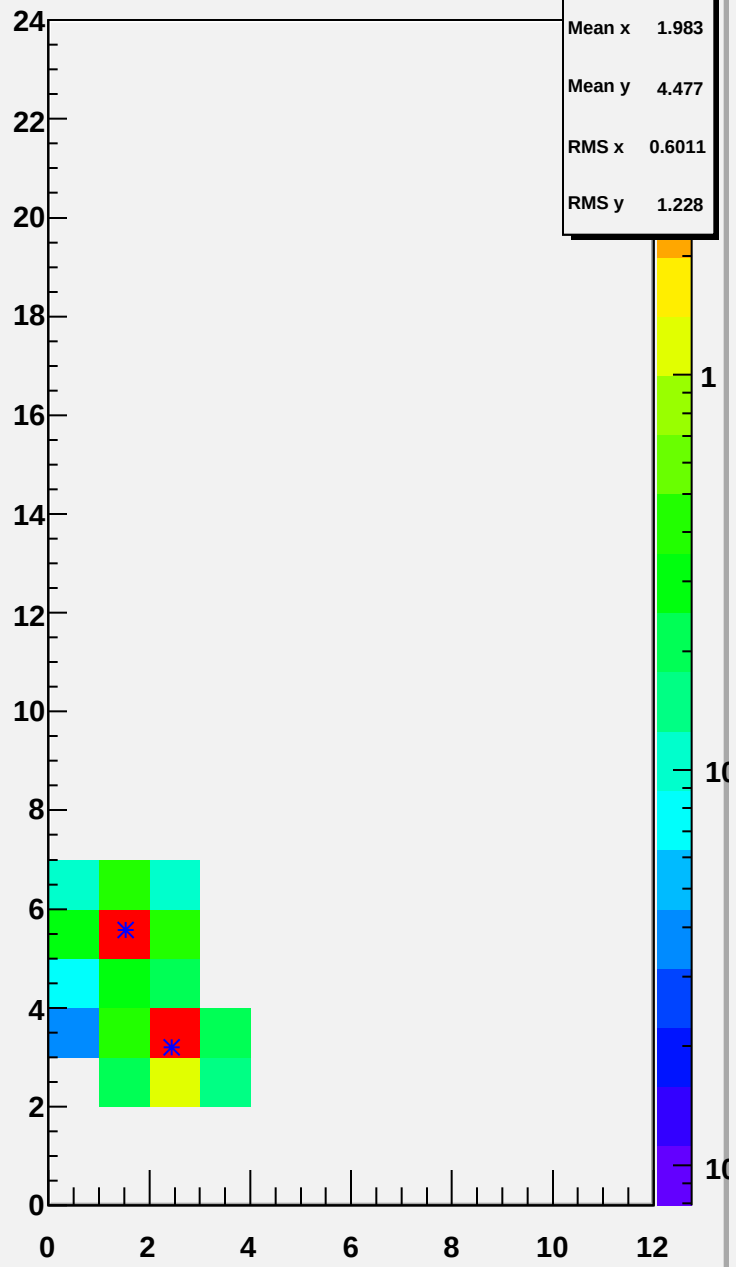
Efit

Entries	288
Mean x	1.667
Mean y	5.075
RMS x	0.4823
RMS y	0.7428

NSTB3_r4_c3_En=17.9_m0=0.134 m1=0.134 index=2412



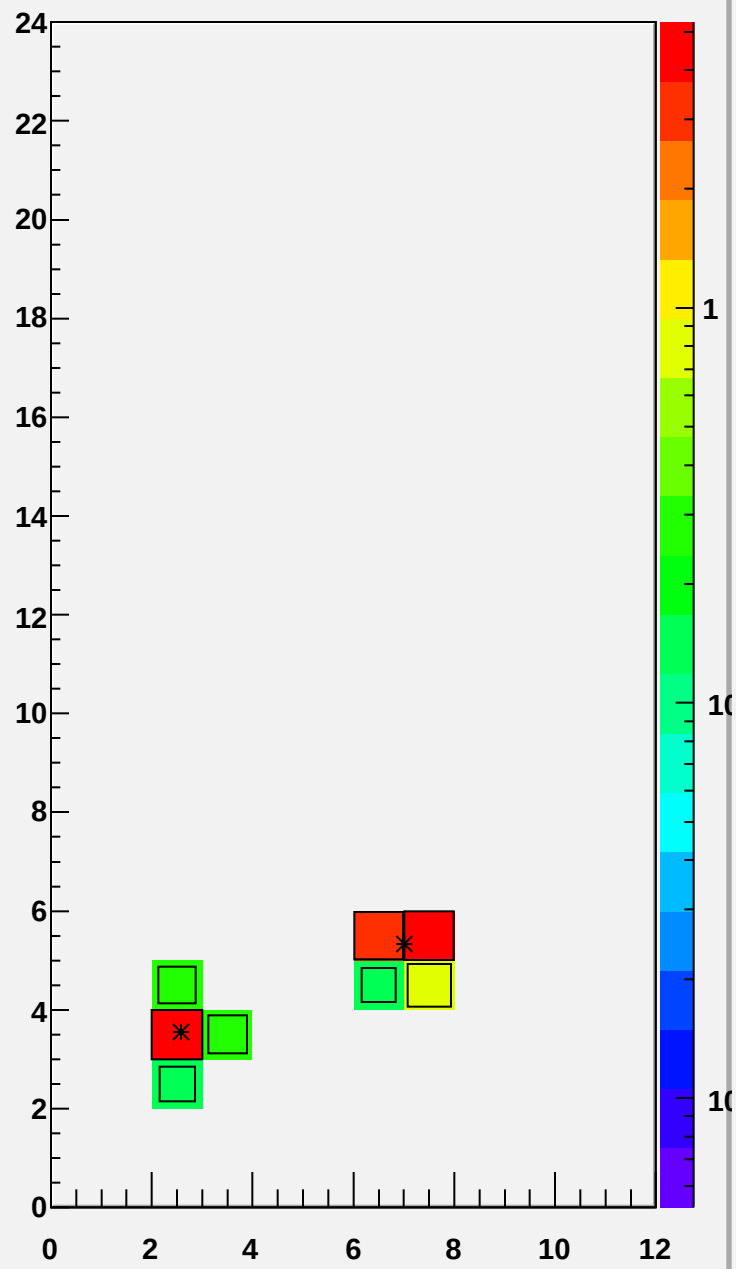
Fitted Energies



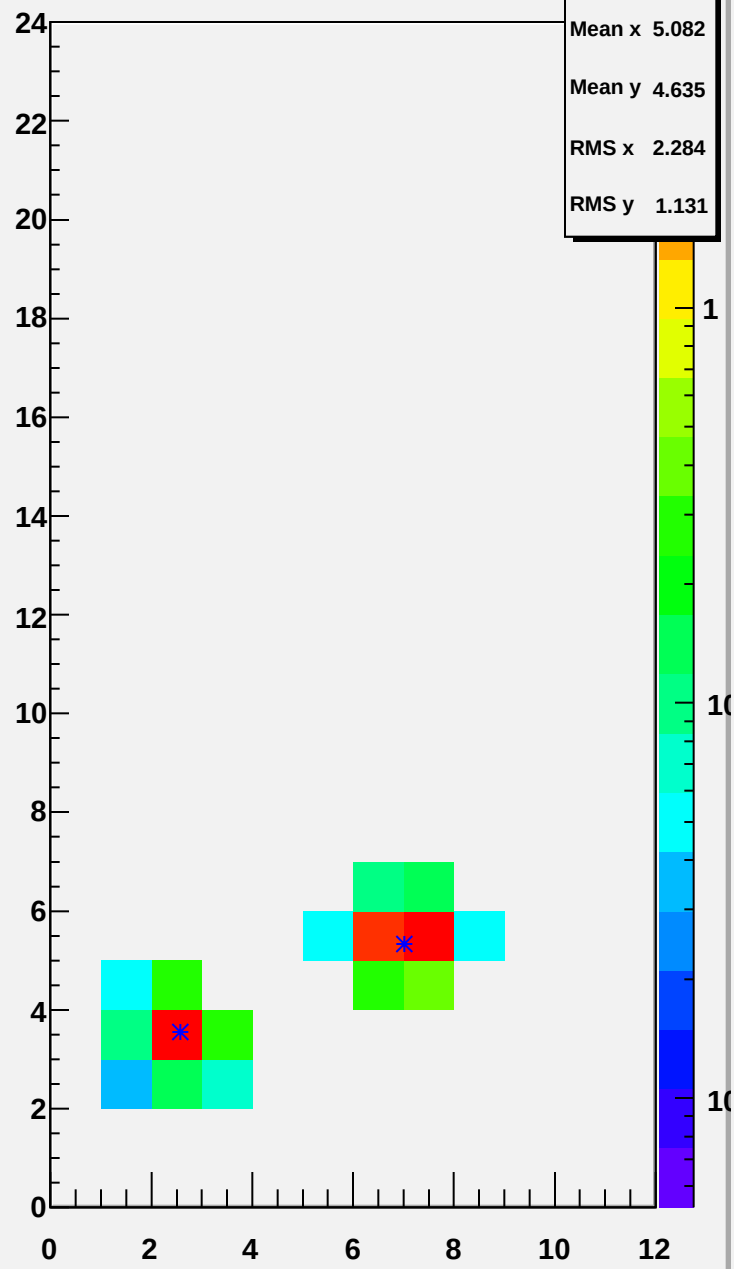
Efit

Entries	288
Mean x	1.983
Mean y	4.477
RMS x	0.6011
RMS y	1.228

NSTB3_r4_c3_En=14.2_m0=0.193 m1=0.193 index=2413



Fitted Energies



Efit

Entries 288

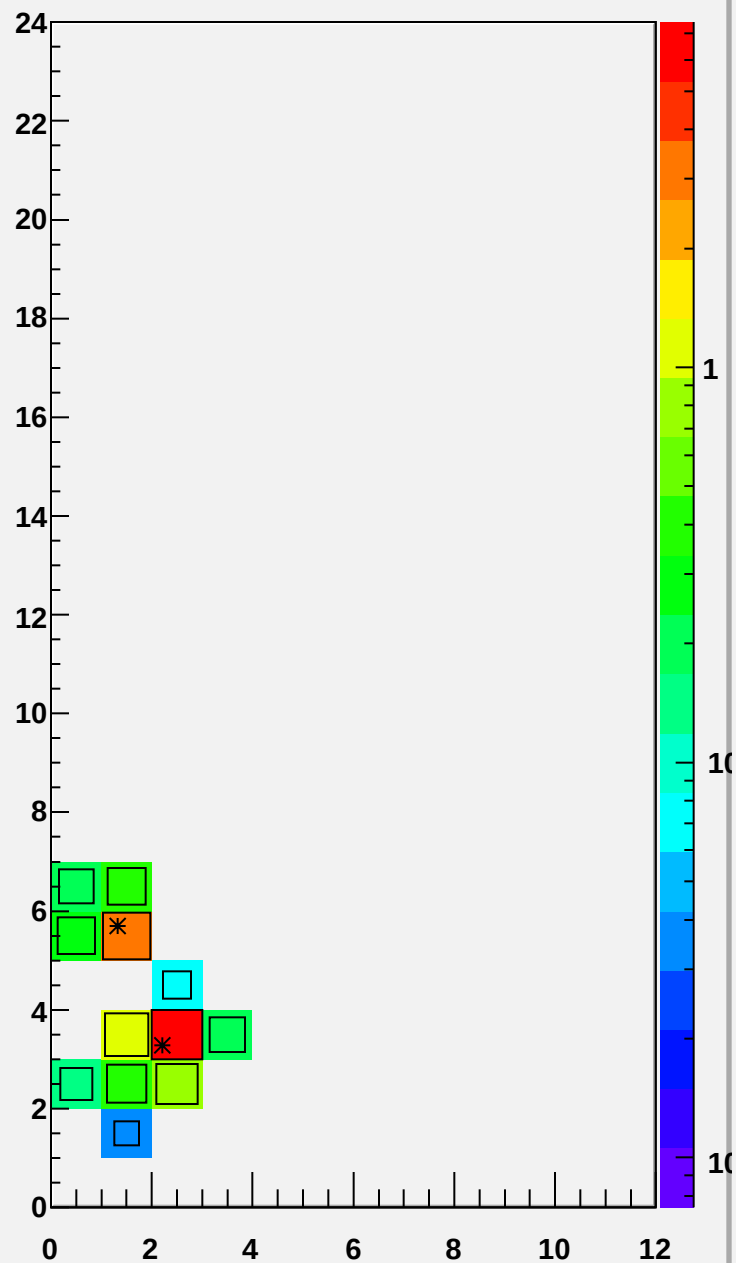
Mean x 5.082

Mean y 4.635

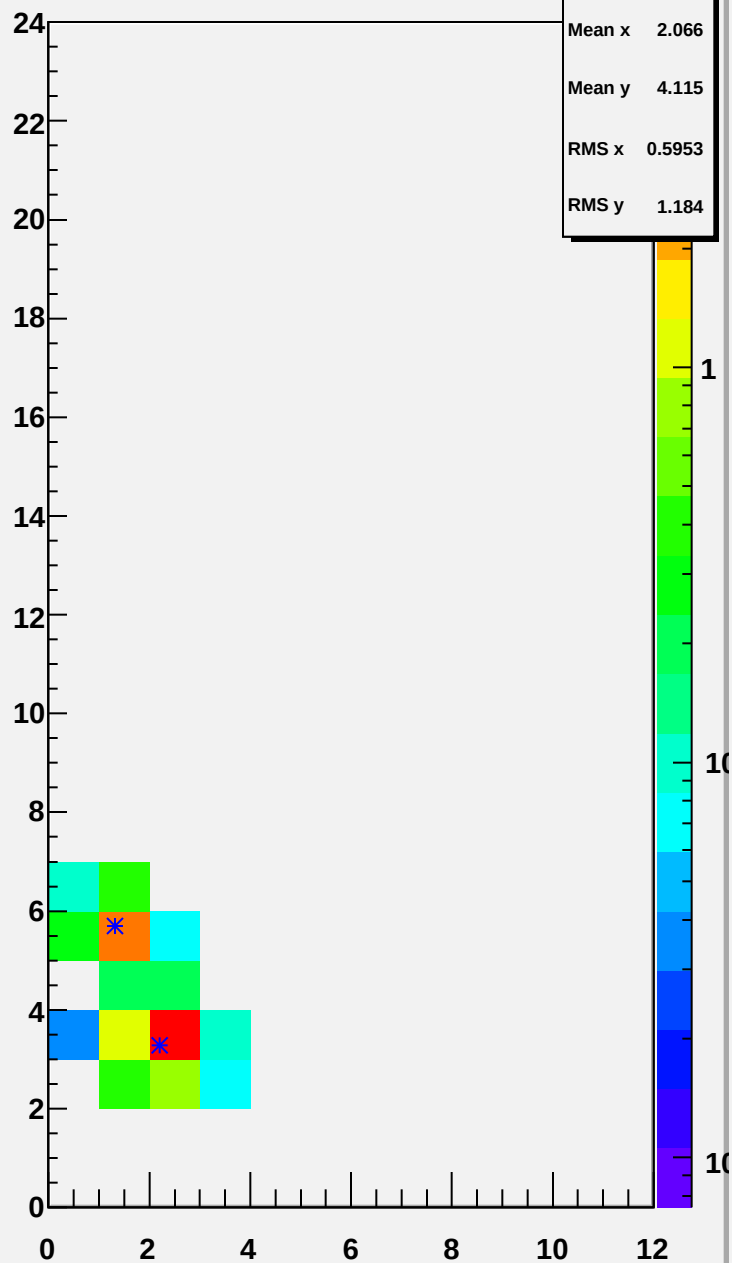
RMS x 2.284

RMS y 1.131

NSTB3_r4_c3_En=14.9_m0=0.100 m1=0.100 index=2414



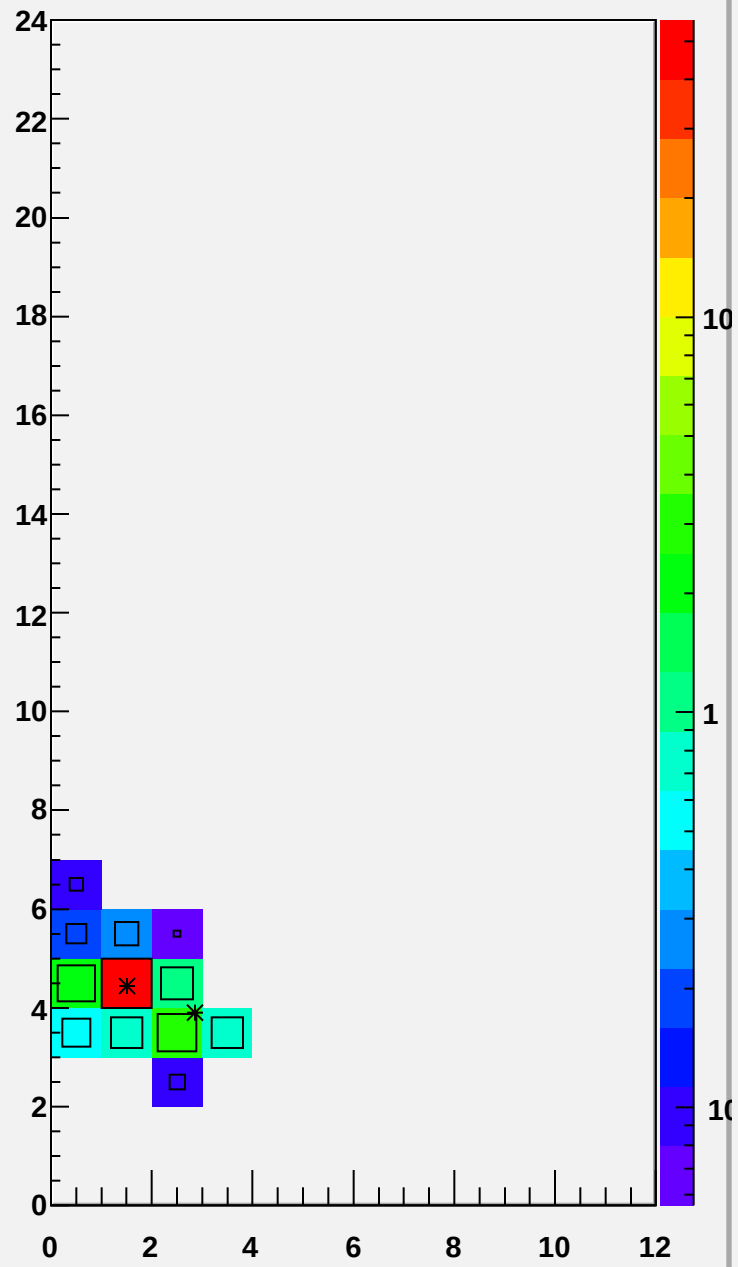
Fitted Energies



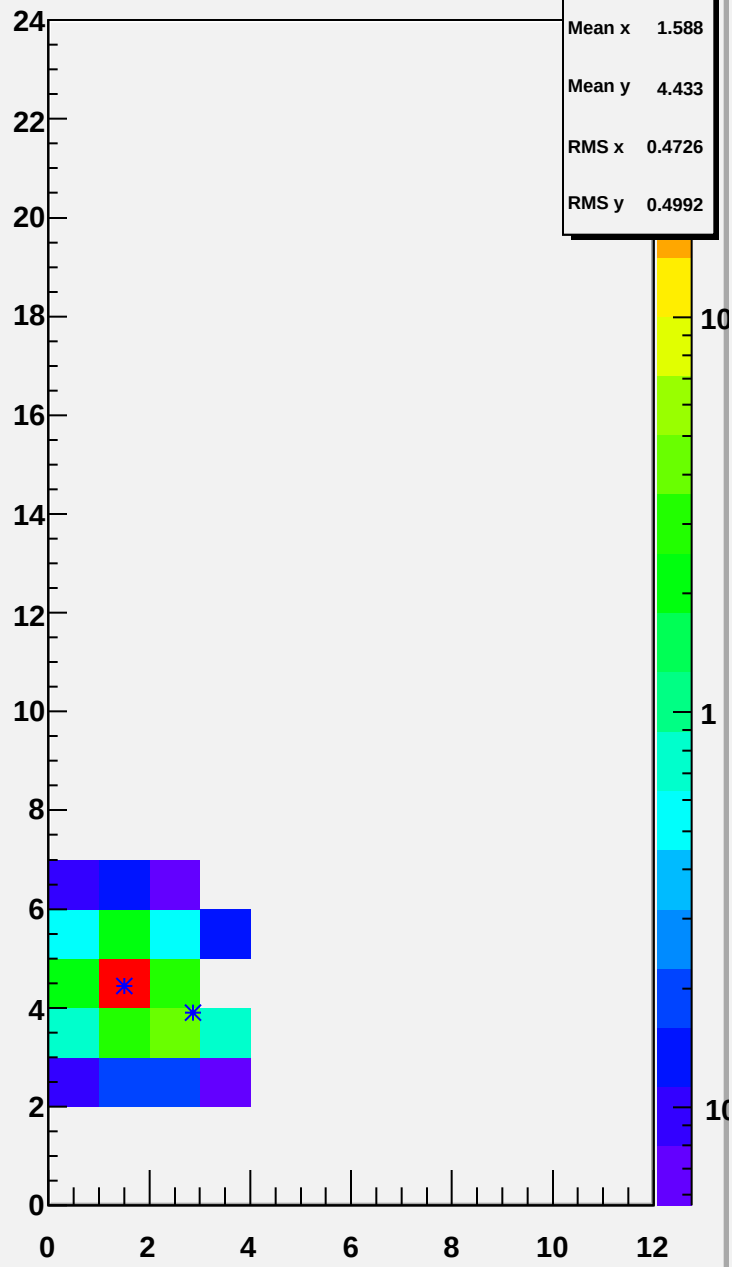
Efit

Entries	288
Mean x	2.066
Mean y	4.115
RMS x	0.5953
RMS y	1.184

NSTB3_r4_c3_En=65.6_m0=0.153 m1=0.152 index=2415



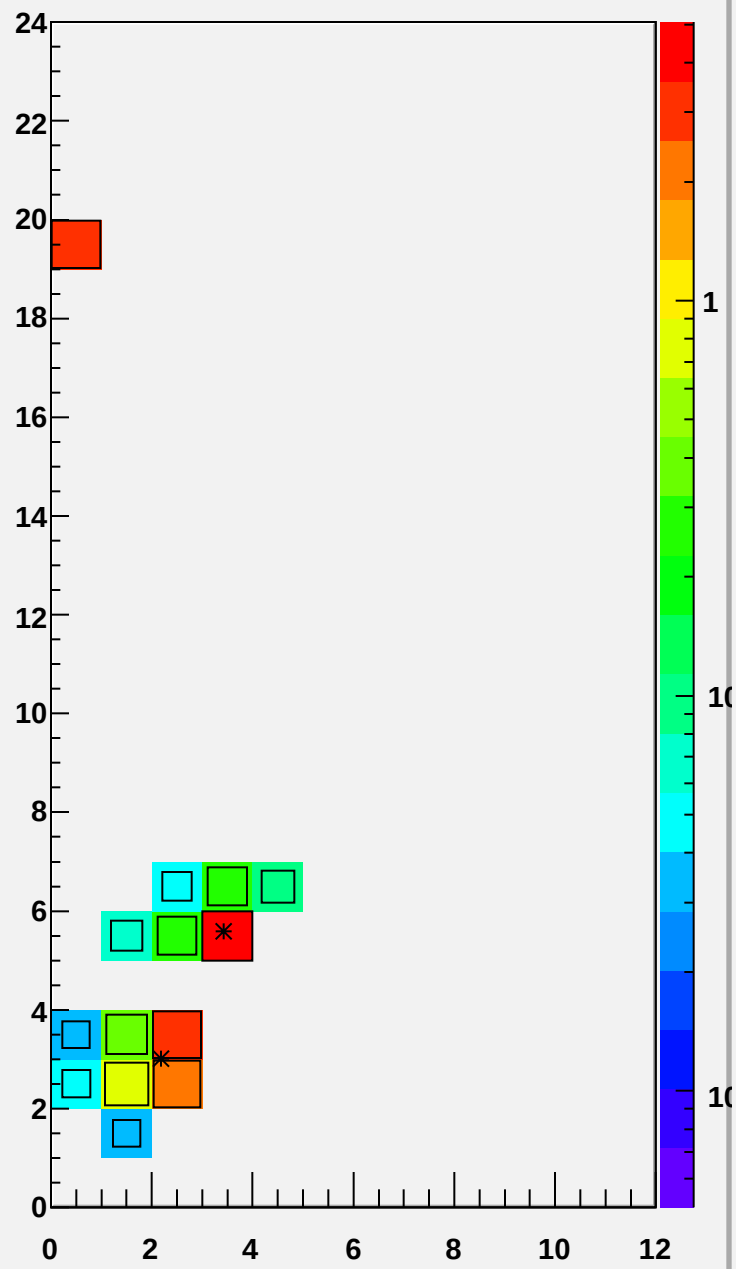
Fitted Energies



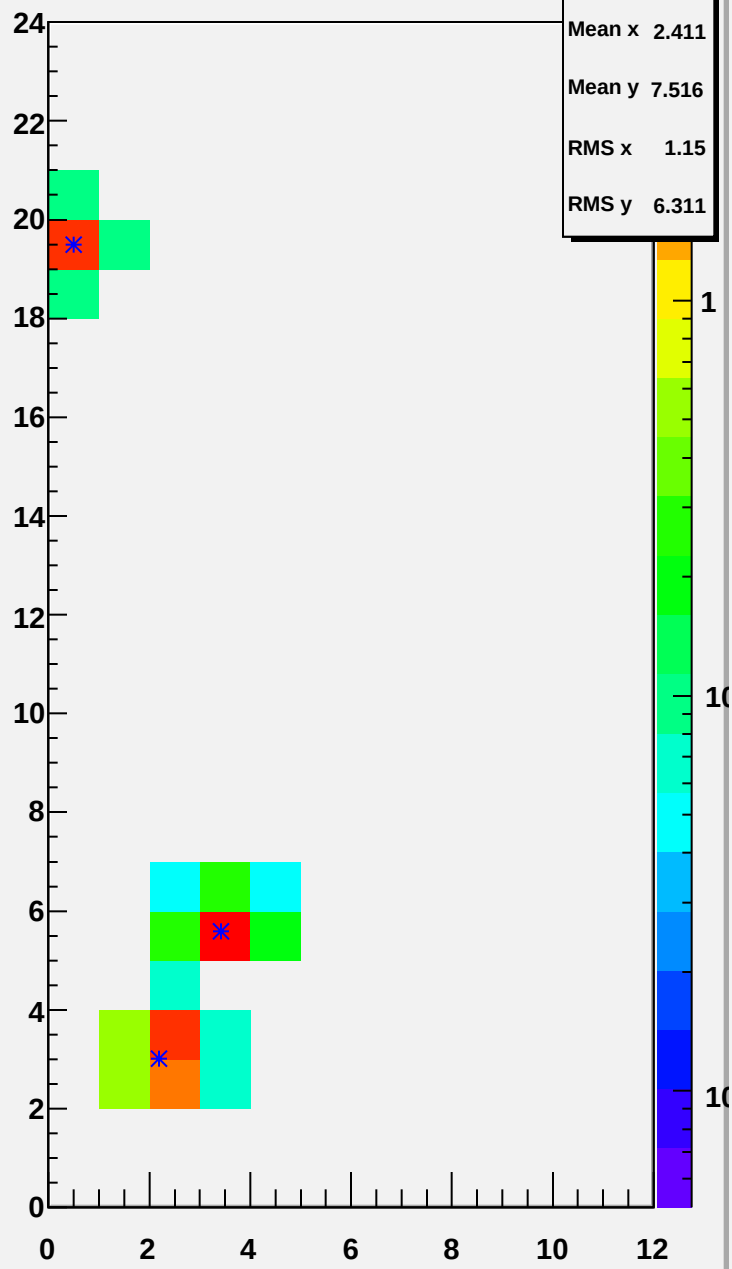
Efit

Entries	288
Mean x	1.588
Mean y	4.433
RMS x	0.4726
RMS y	0.4992

NSTB3_r4_c3_En=15.3_m0=0.100 m1=0.100 index=2416



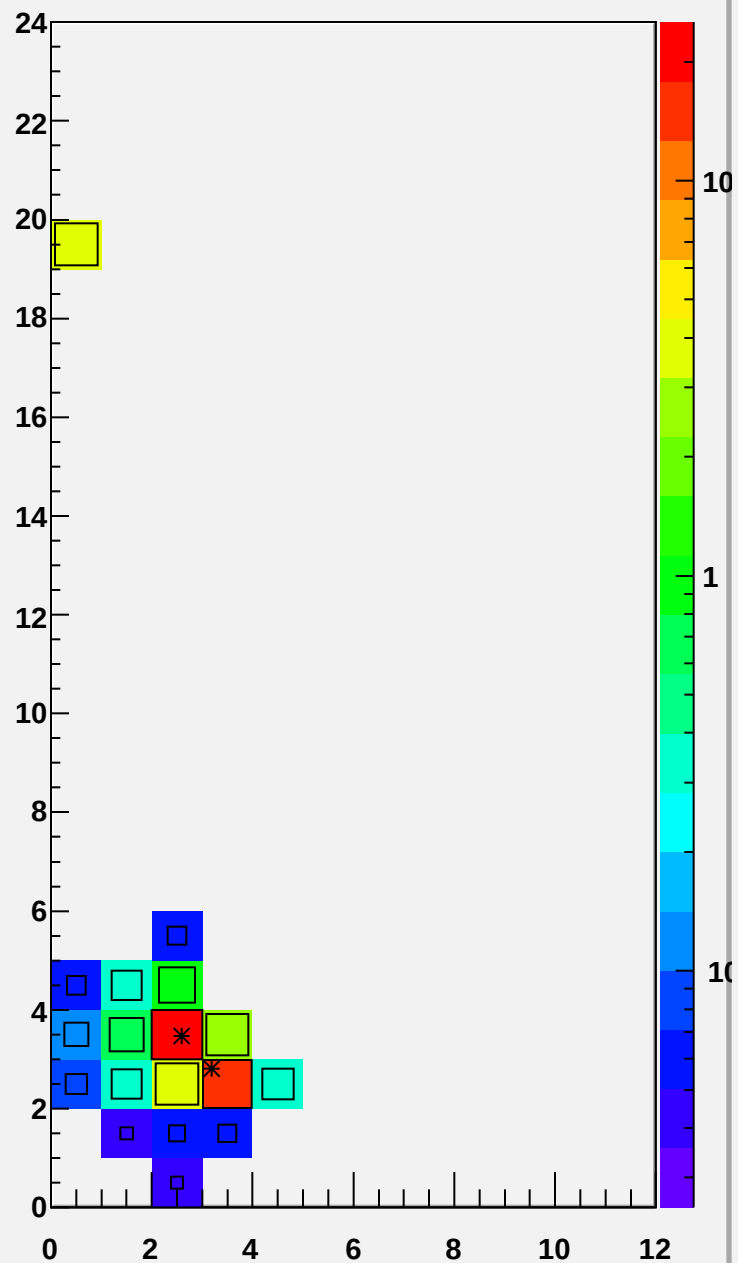
Fitted Energies



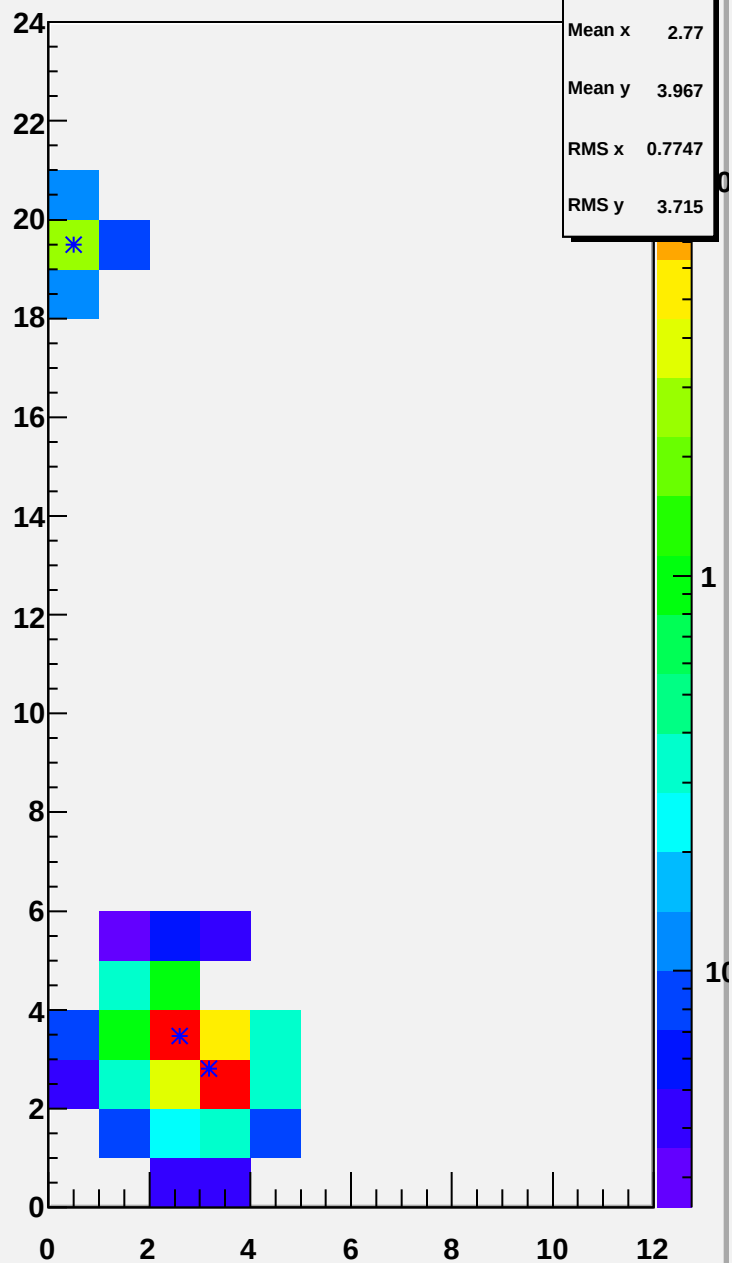
Efit

Entries 288
Mean x 2.411
Mean y 7.516
RMS x 1.15
RMS y 6.311

NSTB3_r4_c3_En=55.2_m0=0.139 m1=0.139 index=2417



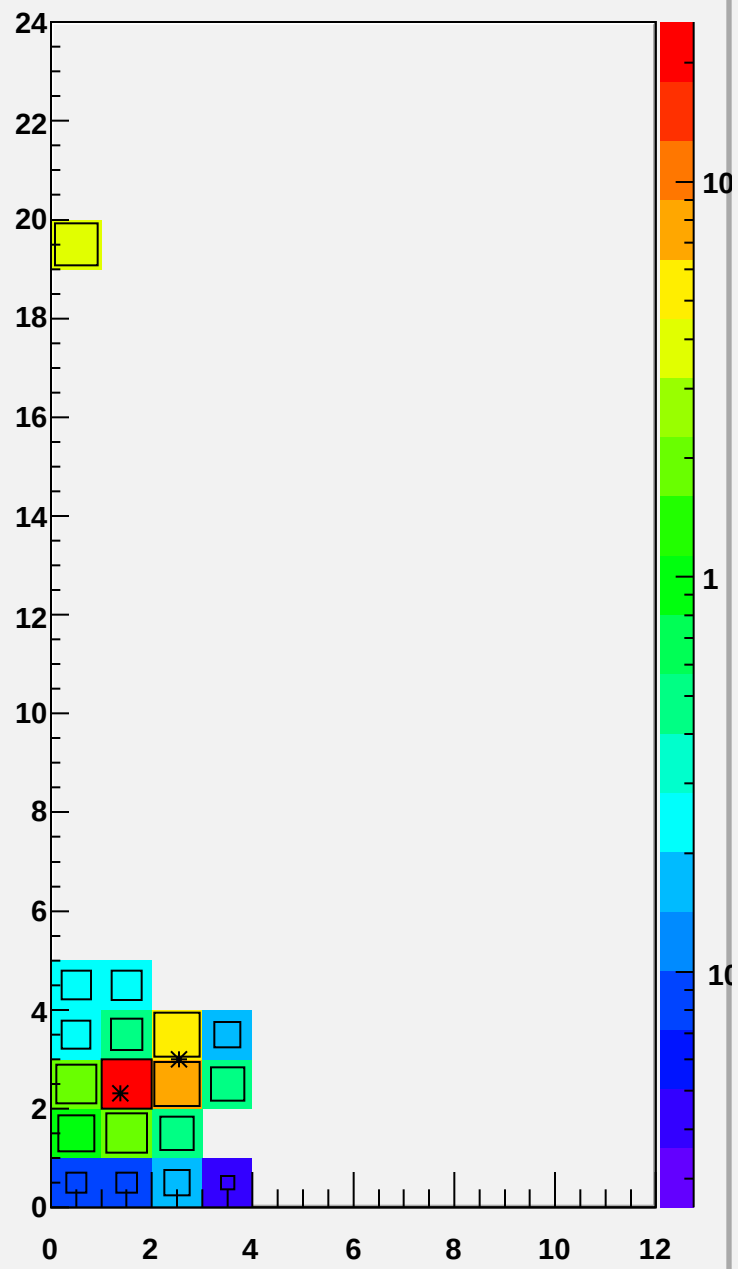
Fitted Energies



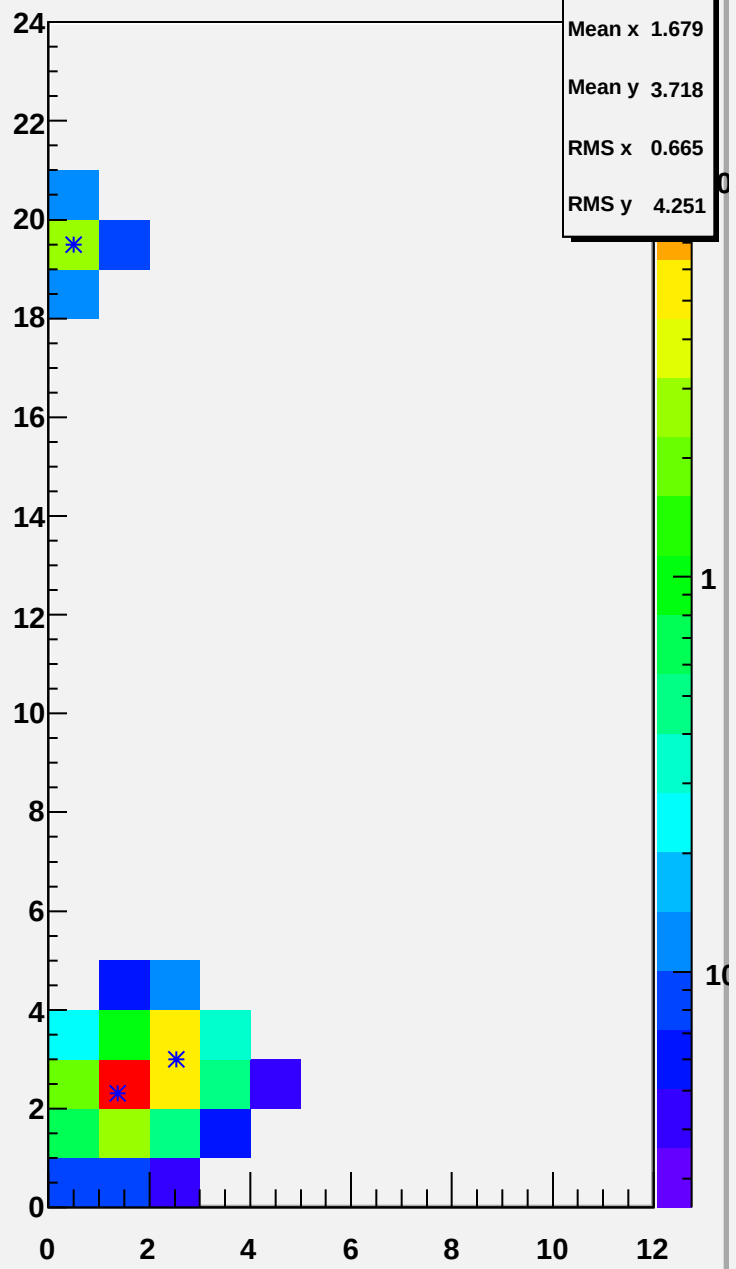
Efit

Entries	288
Mean x	2.77
Mean y	3.967
RMS x	0.7747
RMS y	3.715

NSTB3_r4_c3_En=48.5_m0=0.153 m1=0.152 index=2418



Fitted Energies



Efit

Entries 288

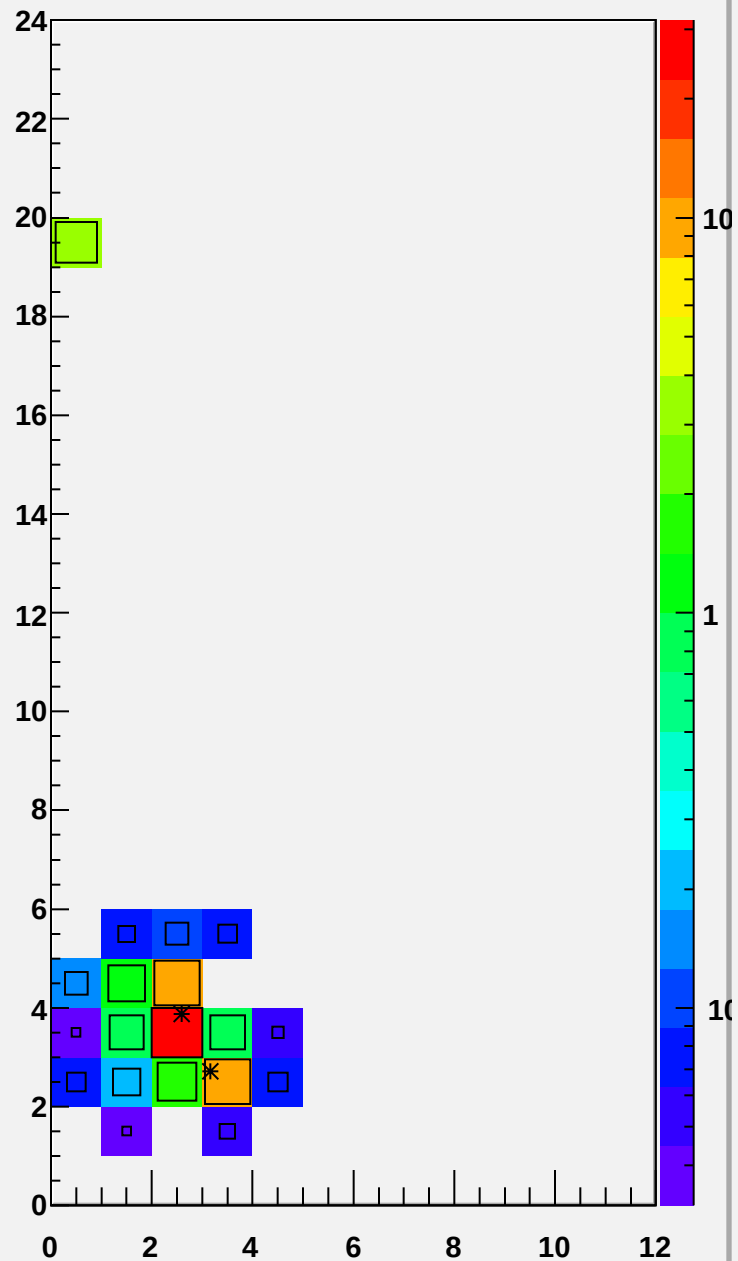
Mean x 1.679

Mean y 3.718

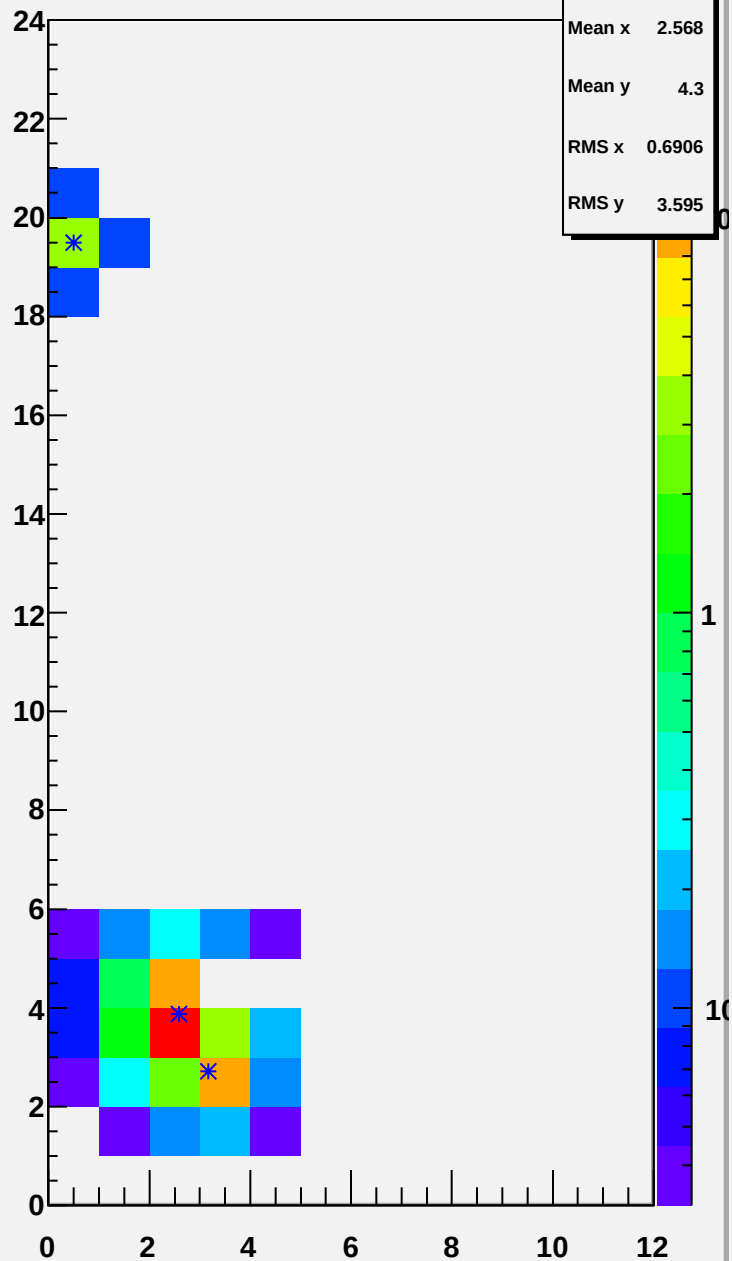
RMS x 0.665

RMS y 4.251

NSTB3_r4_c3_En=58.6_m0=0.175 m1=0.175 index=2419



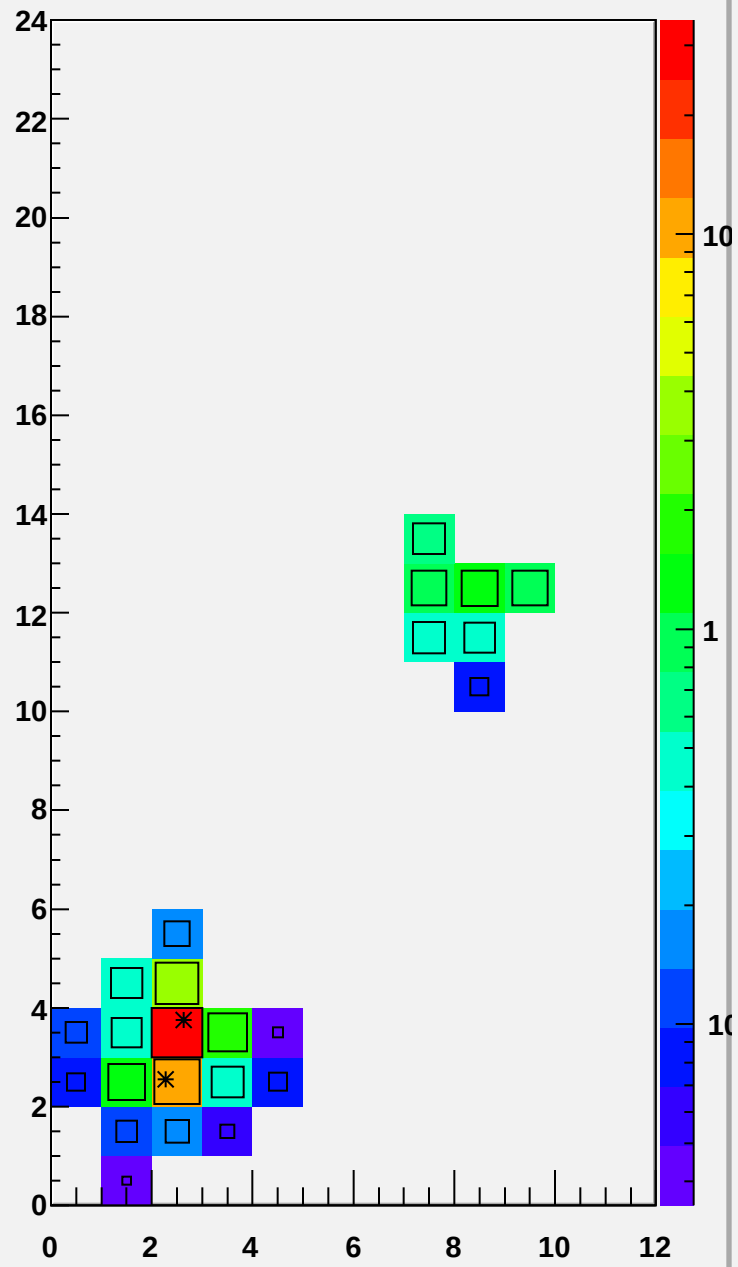
Fitted Energies



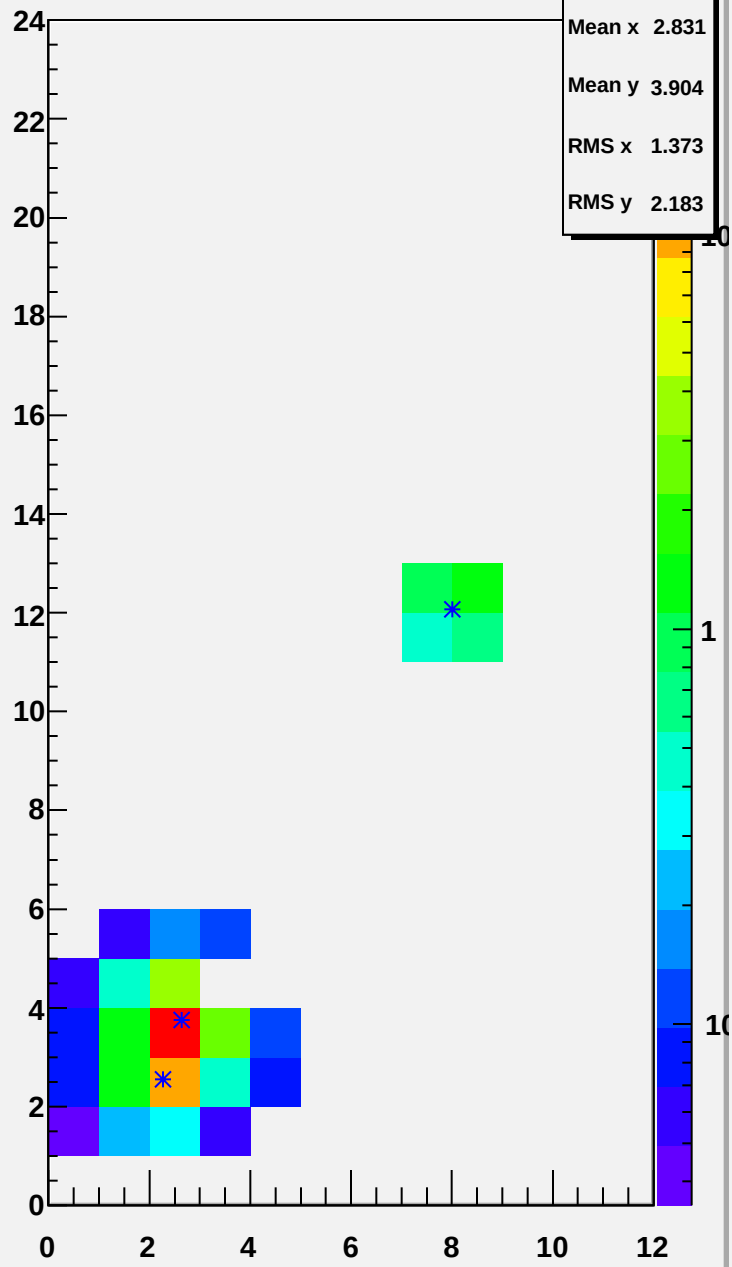
Efit

Entries	288
Mean x	2.568
Mean y	4.3
RMS x	0.6906
RMS y	3.595

NSTB3_r4_c3_En=59.5_m0=0.156 m1=0.156 index=2420



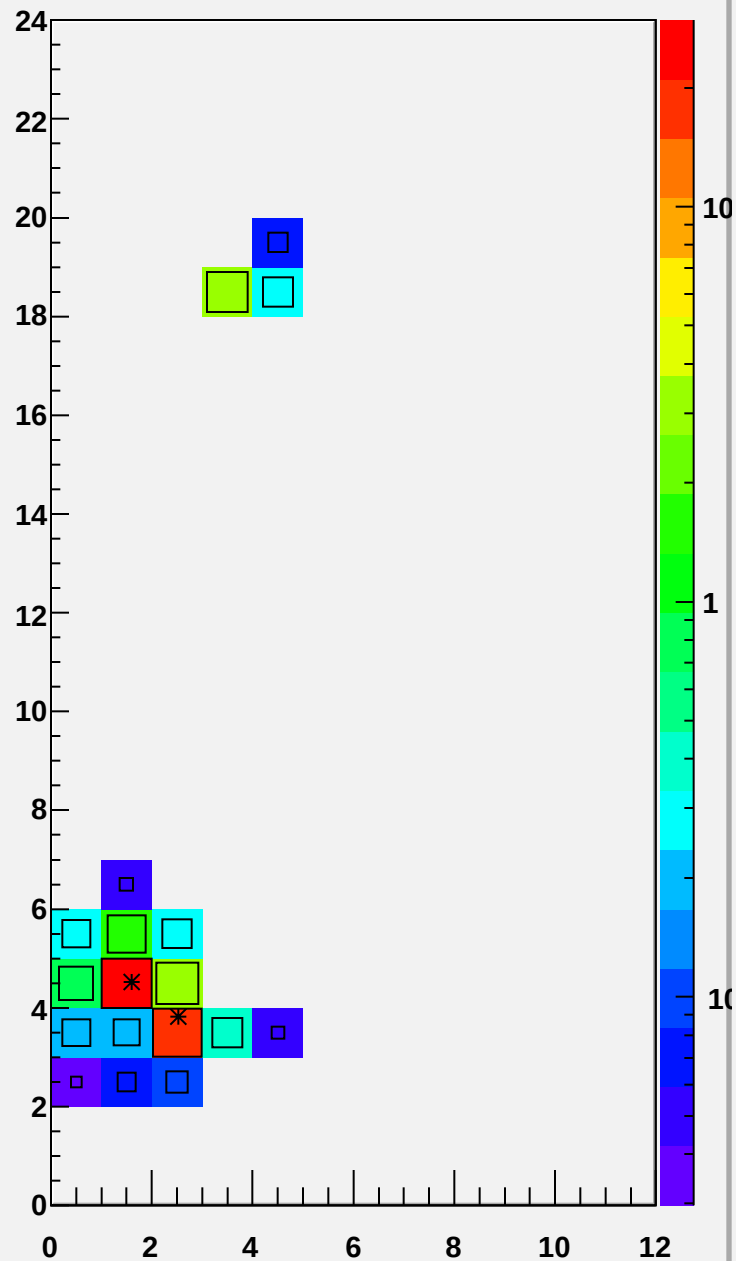
Fitted Energies



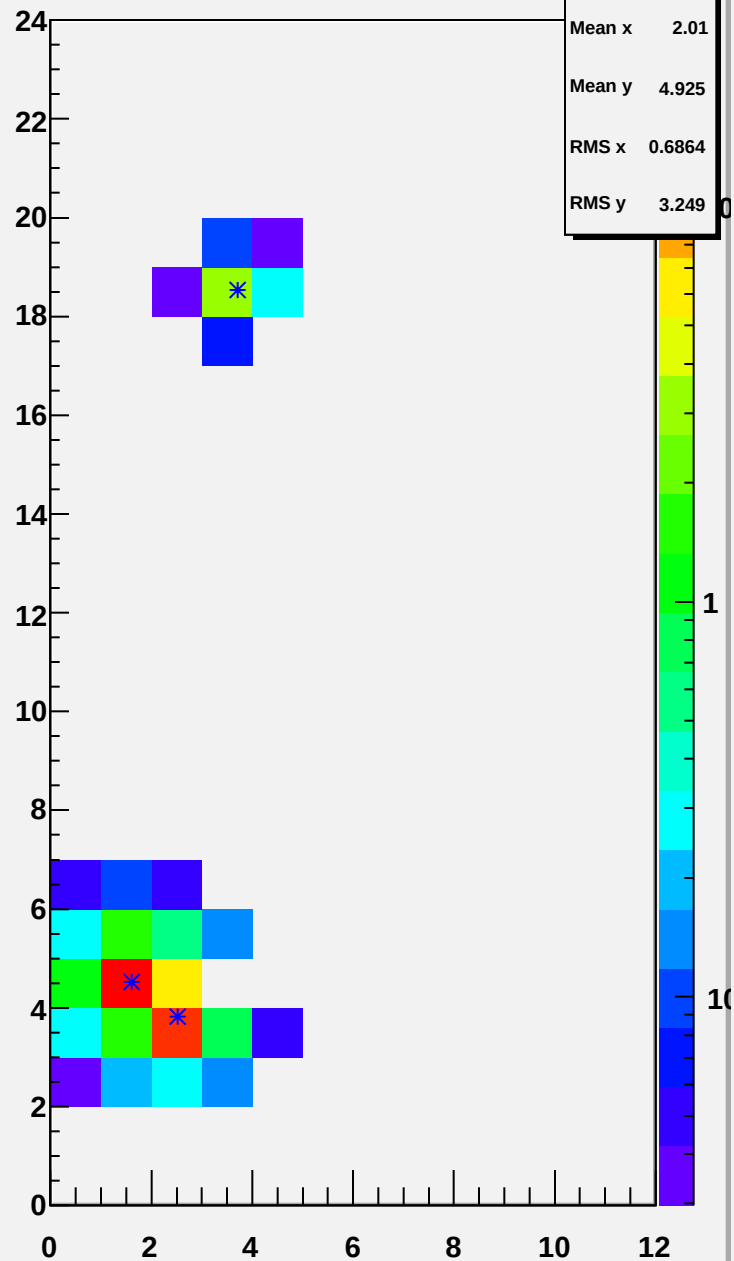
Efit

Entries 288
Mean x 2.831
Mean y 3.904
RMS x 1.373
RMS y 2.183

NSTB3_r4_c3_En=58.8_m0=0.190_m1=0.191_index=2421



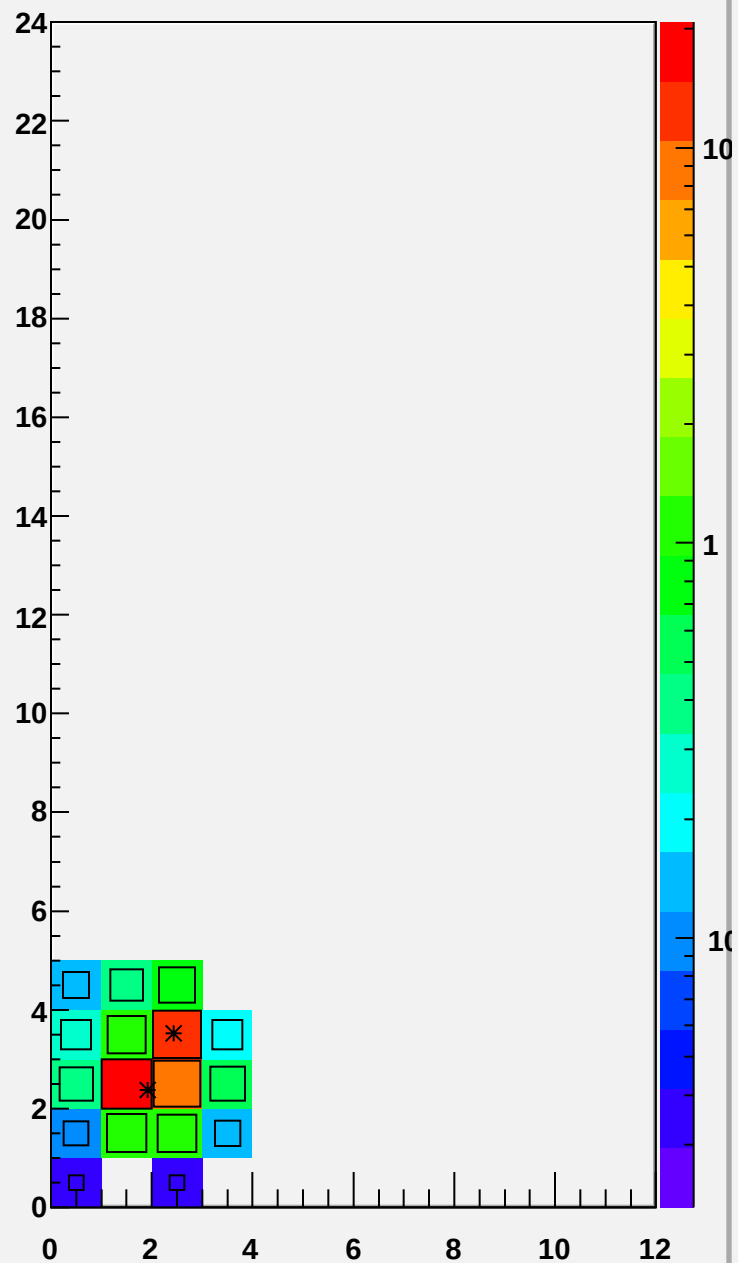
Fitted Energies



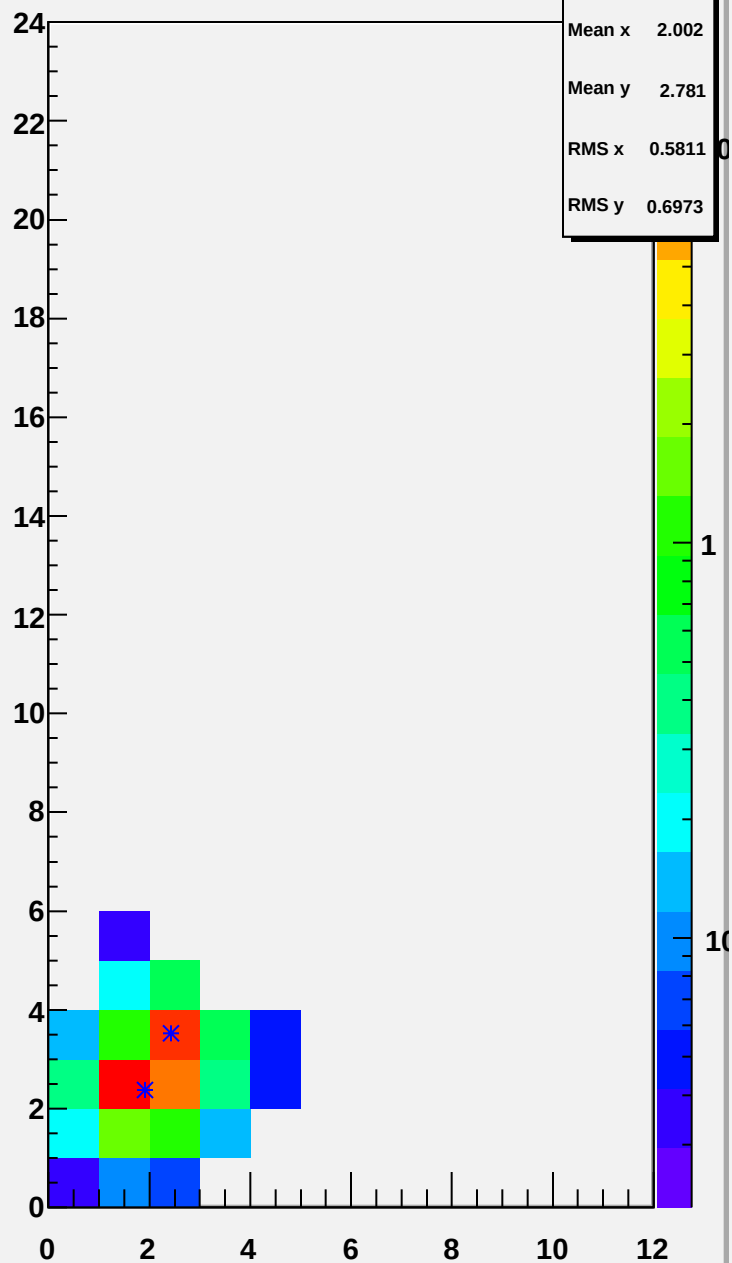
Efit

Entries	288
Mean x	2.01
Mean y	4.925
RMS x	0.6864
RMS y	3.249

NSTB3_r4_c3_En=48.3_m0=0.151 m1=0.151 index=2422



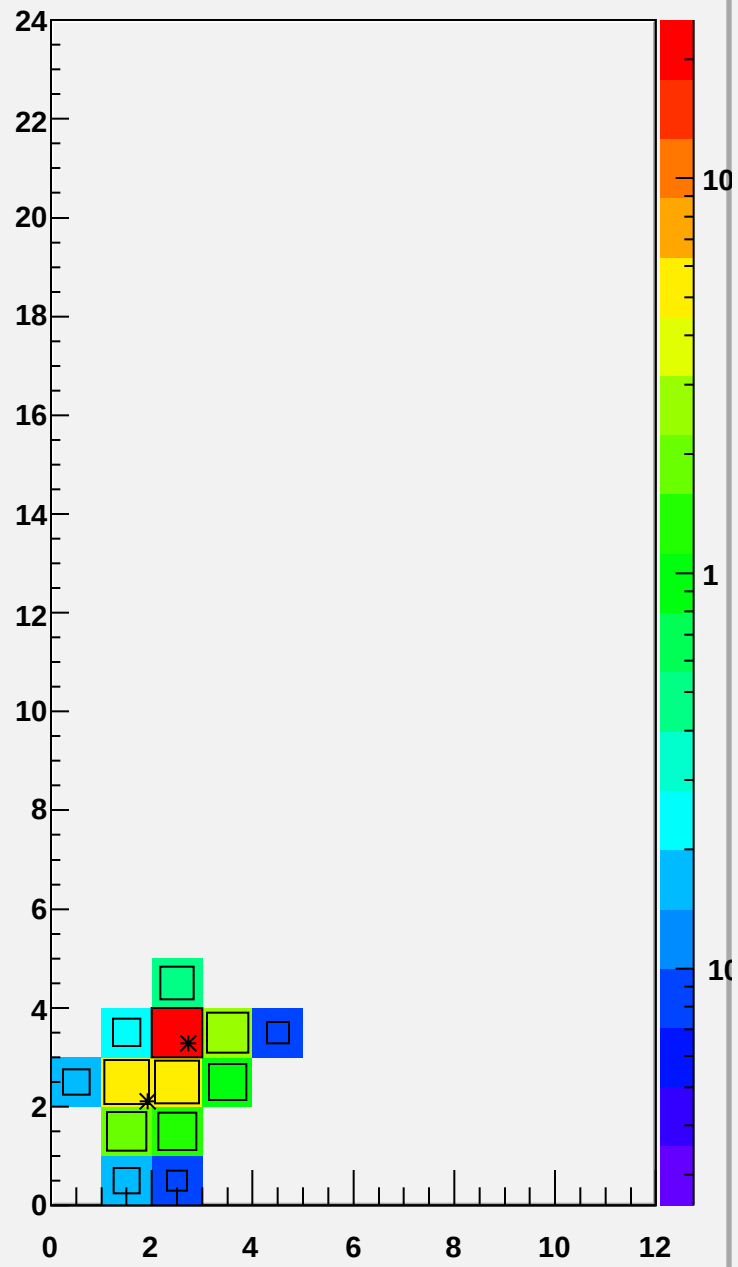
Fitted Energies



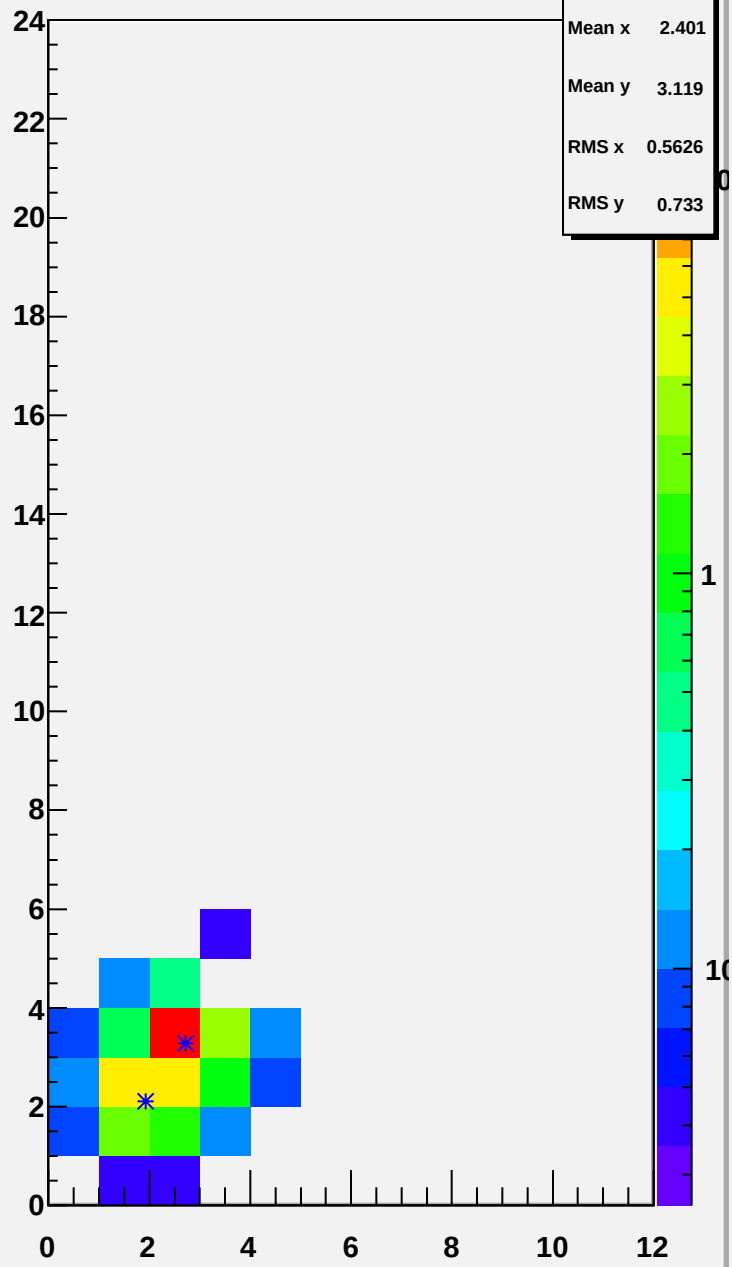
Efit

Entries	288
Mean x	2.002
Mean y	2.781
RMS x	0.5811
RMS y	0.6973

NSTB3_r4_c3_En=43.2_m0=0.146 m1=0.146 index=2423



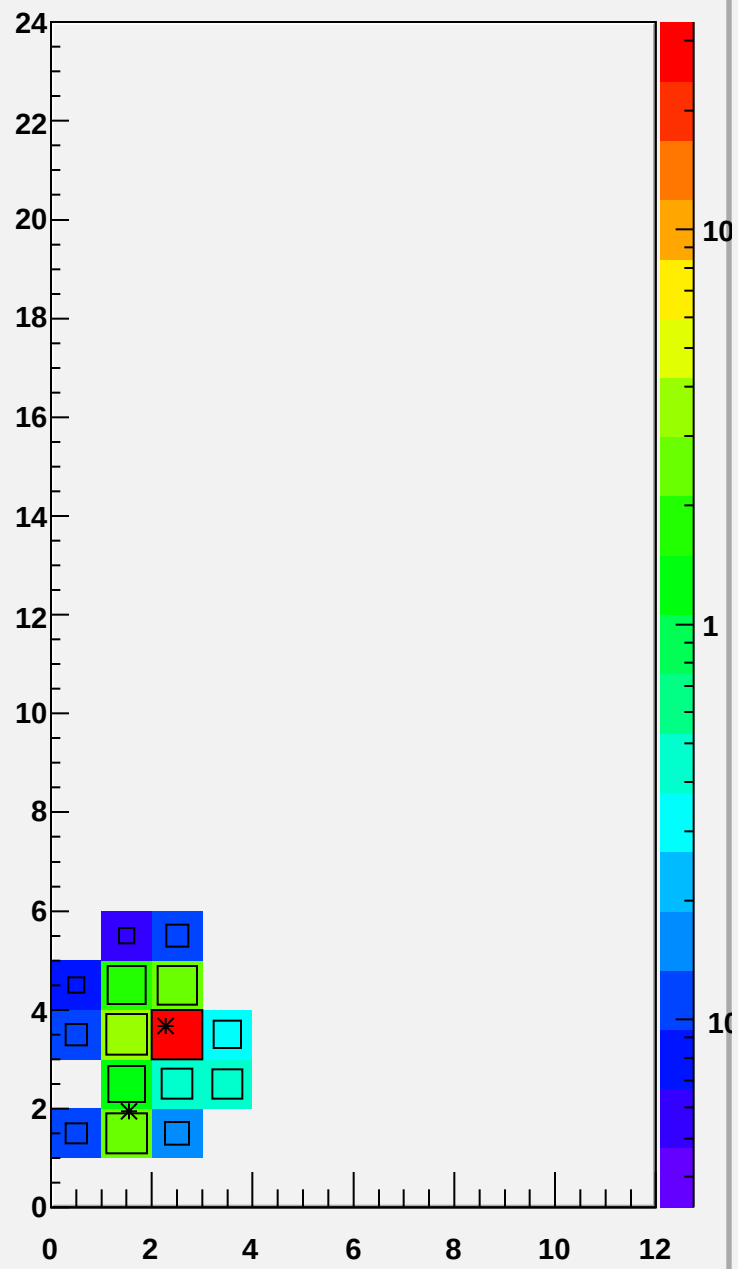
Fitted Energies



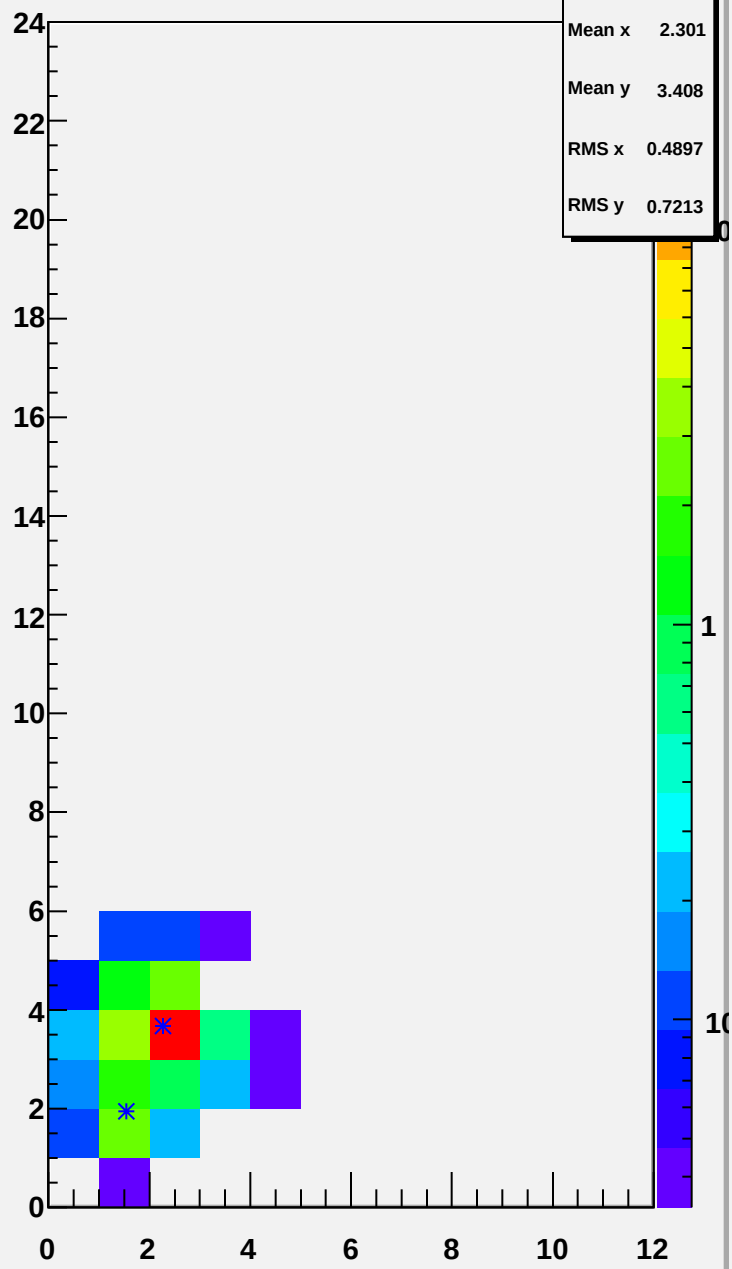
Efit

Entries	288
Mean x	2.401
Mean y	3.119
RMS x	0.5626
RMS y	0.733

NSTB3_r4_c3_En=46.9_m0=0.148 m1=0.149 index=2424



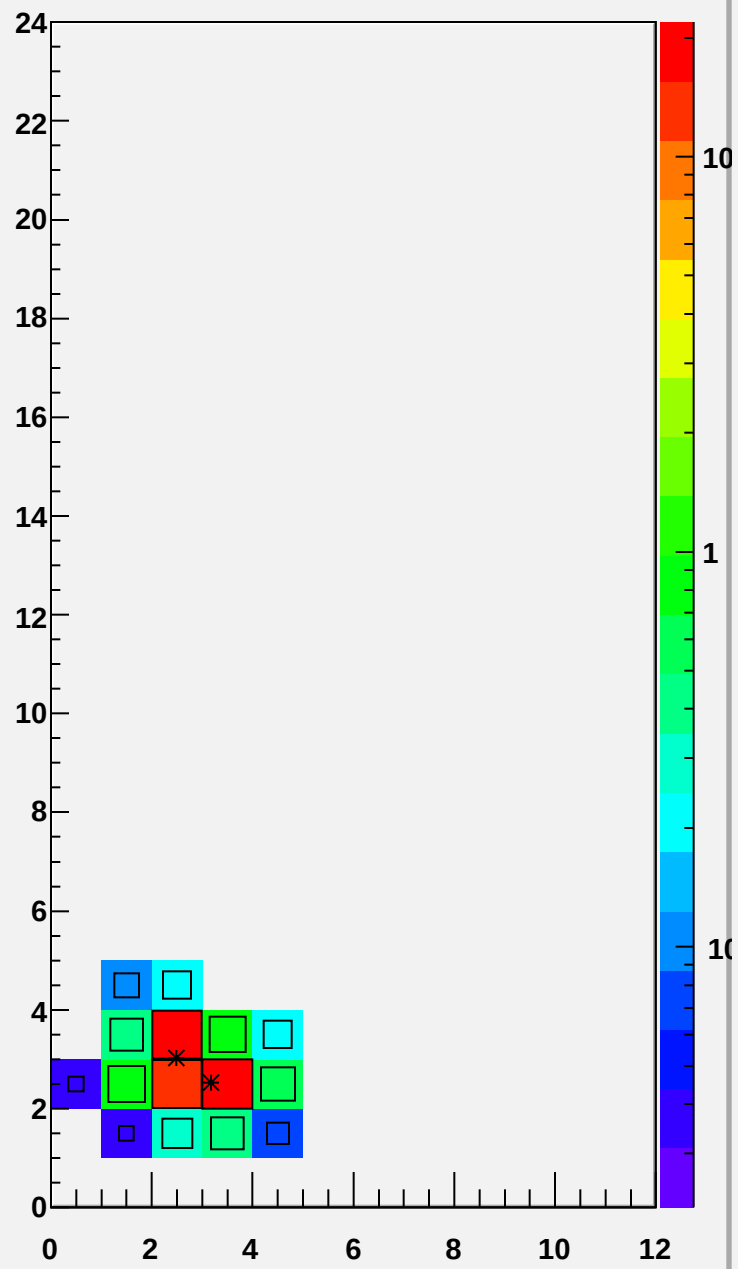
Fitted Energies



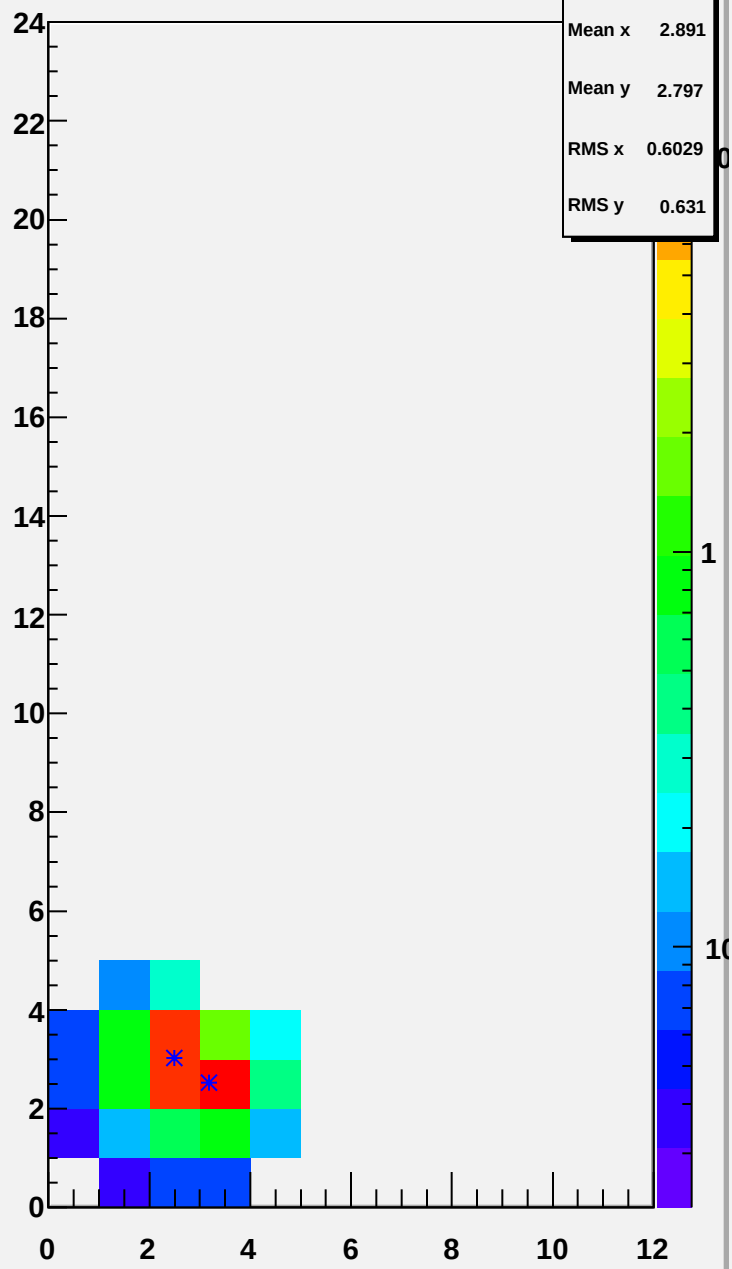
Efit

Entries	288
Mean x	2.301
Mean y	3.408
RMS x	0.4897
RMS y	0.7213

NSTB3_r4_c3_En=57.1_m0=0.134 m1=0.134 index=2425



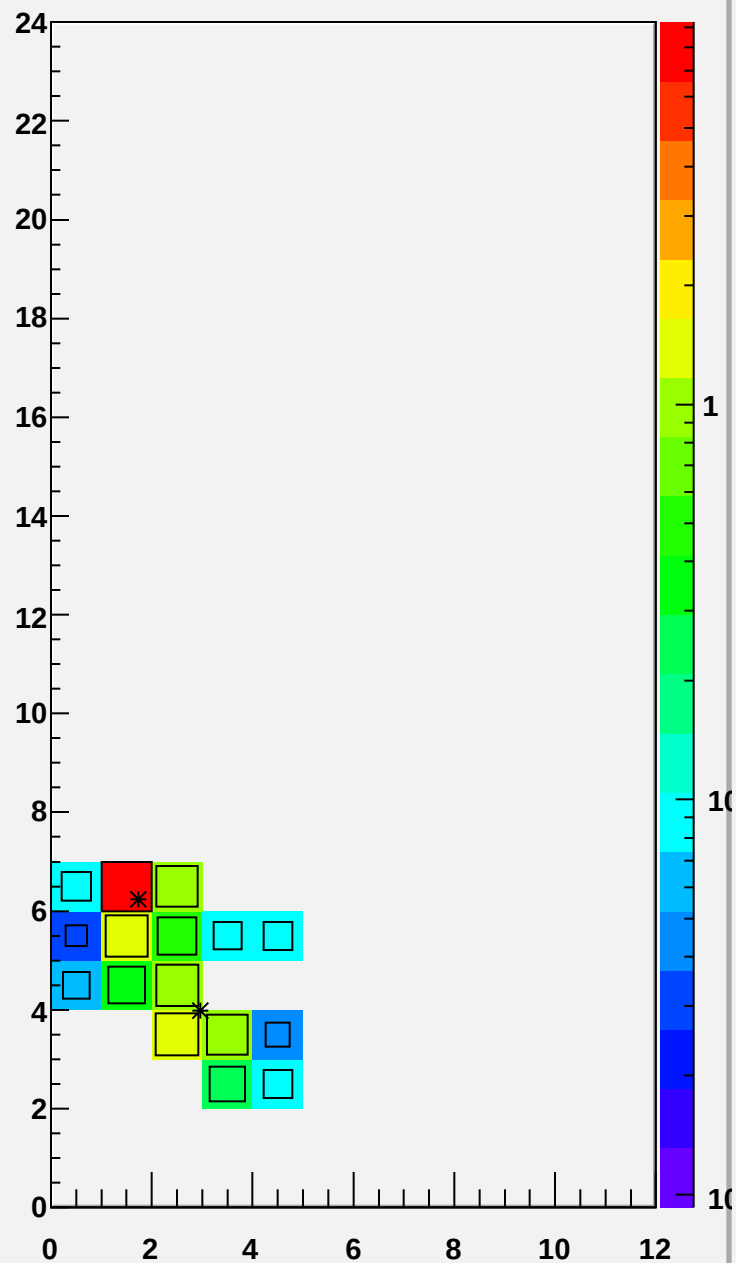
Fitted Energies



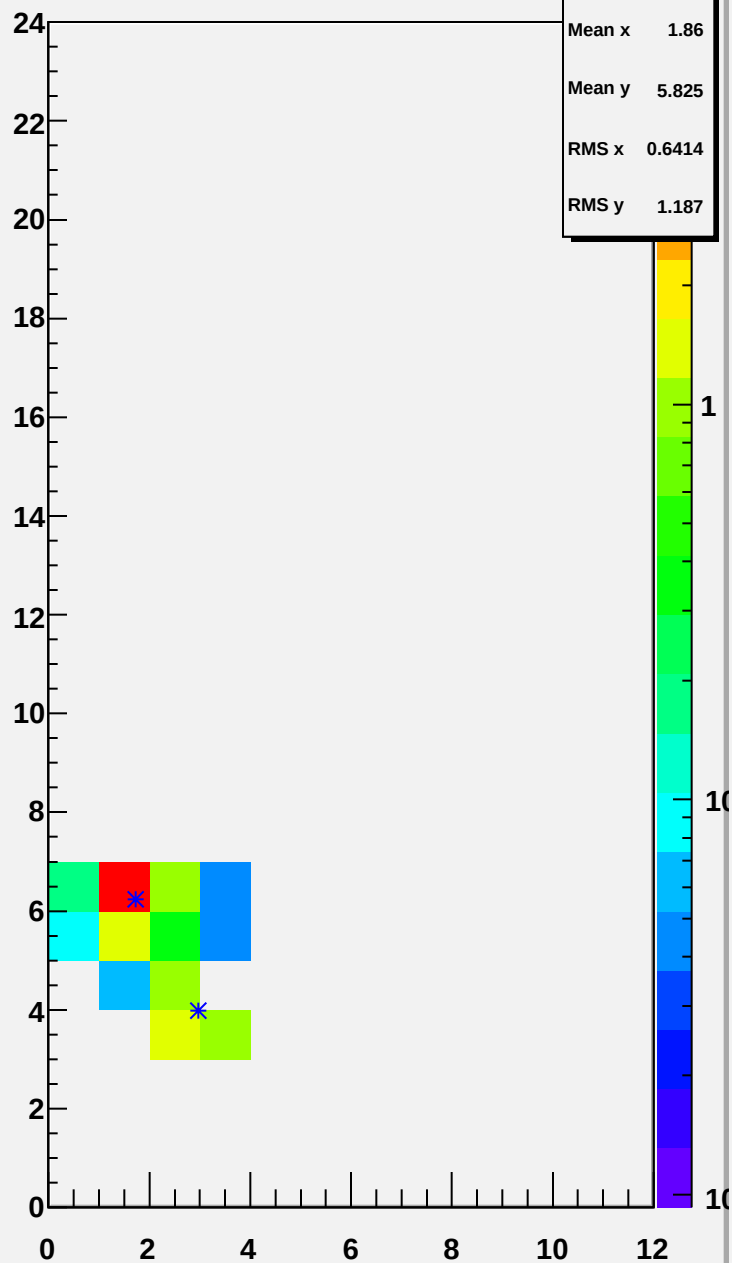
Efit

Entries	288
Mean x	2.891
Mean y	2.797
RMS x	0.6029
RMS y	0.631

NSTB3_r4_c3_En=16.5_m0=0.107 m1=0.107 index=2426



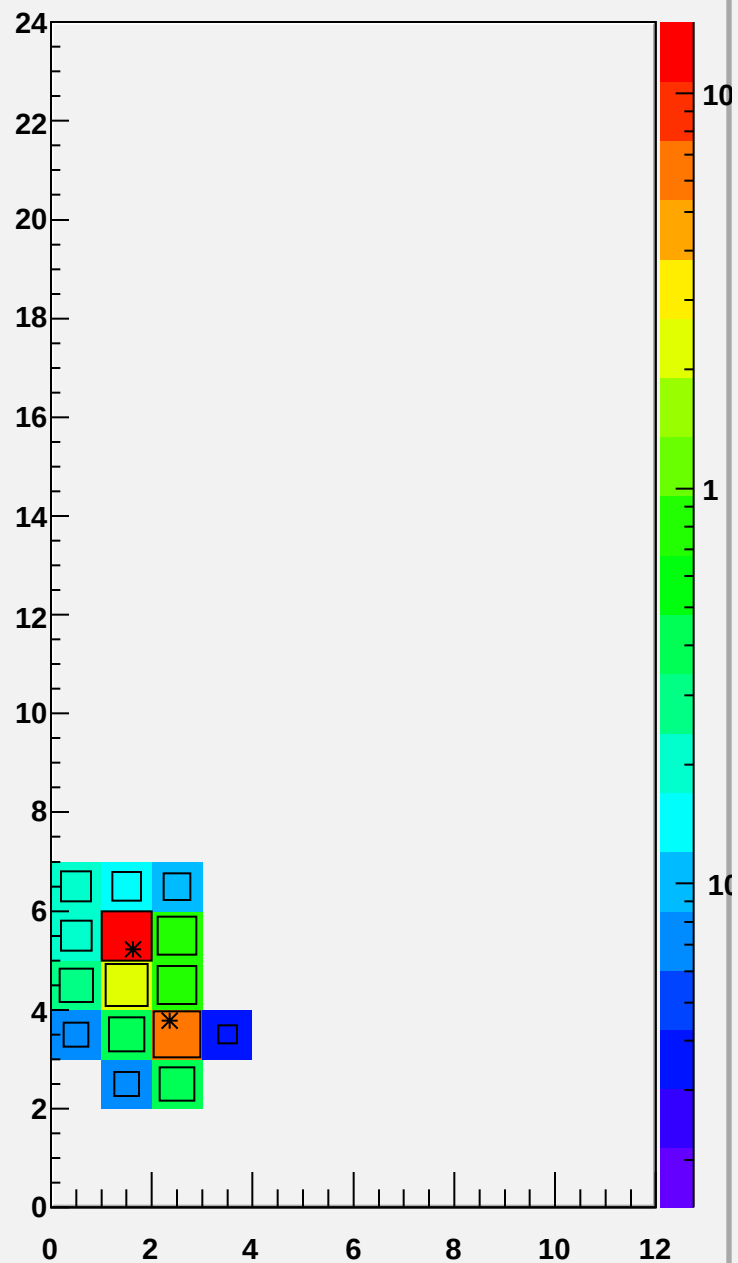
Fitted Energies



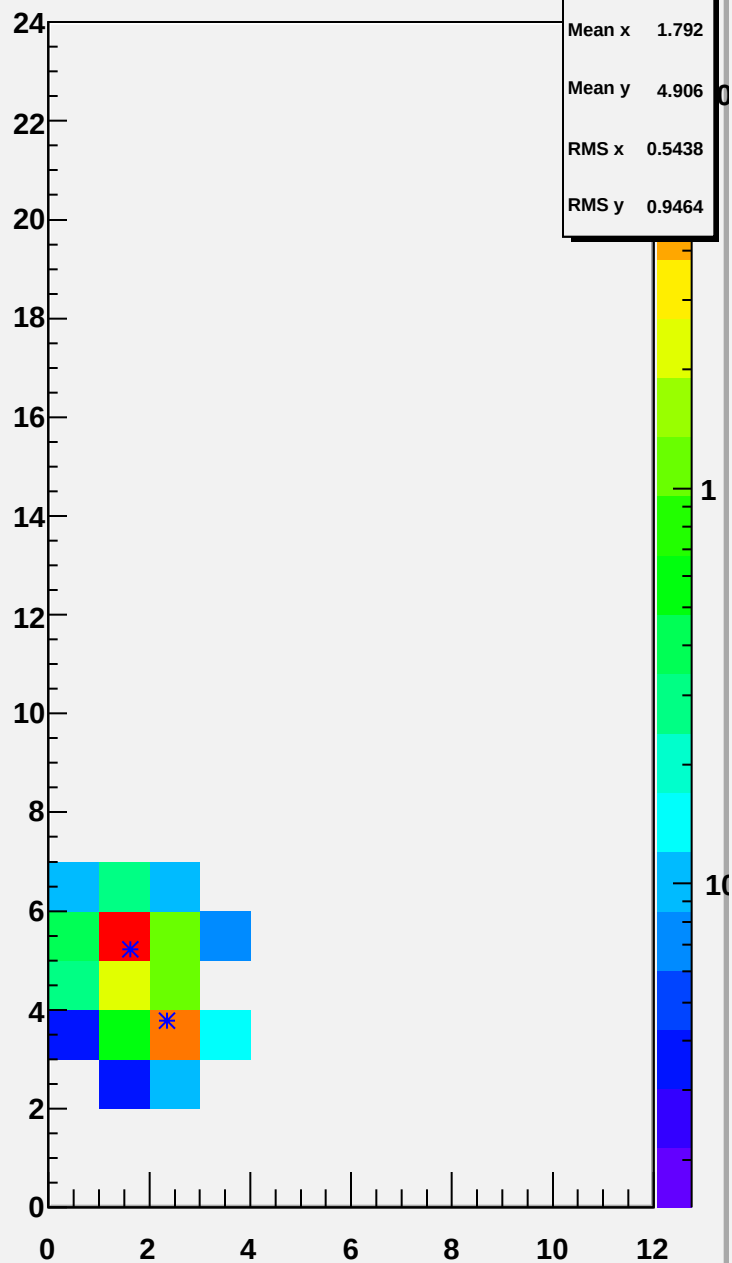
Efit

Entries	288
Mean x	1.86
Mean y	5.825
RMS x	0.6414
RMS y	1.187

NSTB3_r4_c3_En=26.7_m0=0.111 m1=0.111 index=2427



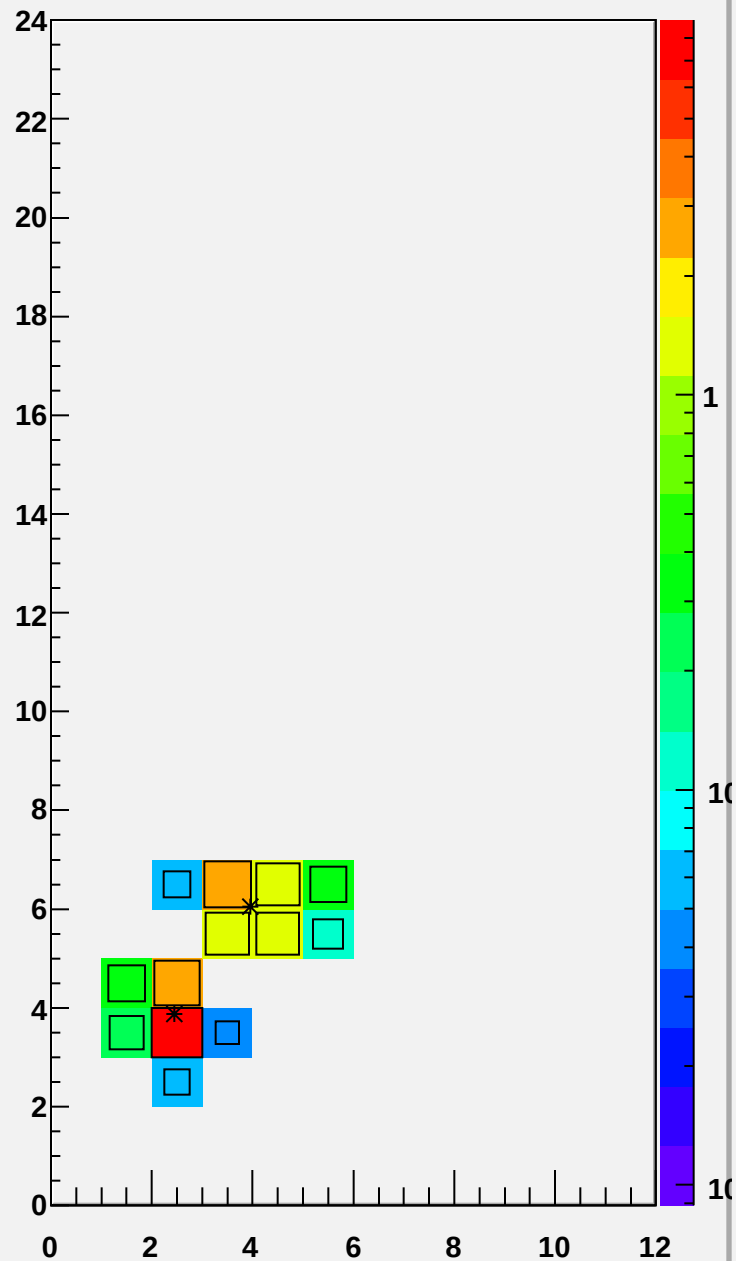
Fitted Energies



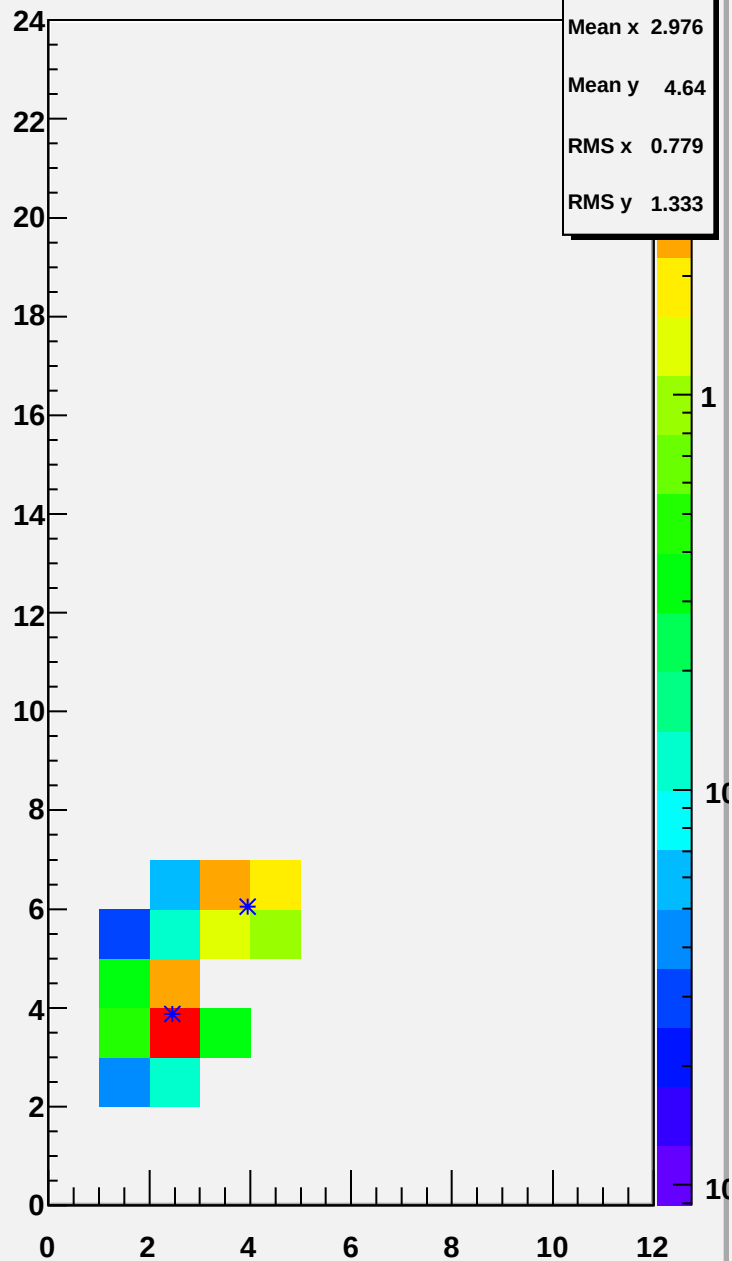
Efit

Entries	288
Mean x	1.792
Mean y	4.906
RMS x	0.5438
RMS y	0.9464

NSTB3_r4_c3_En=19.6_m0=0.145 m1=0.145 index=2428



Fitted Energies



Efit

Entries 288

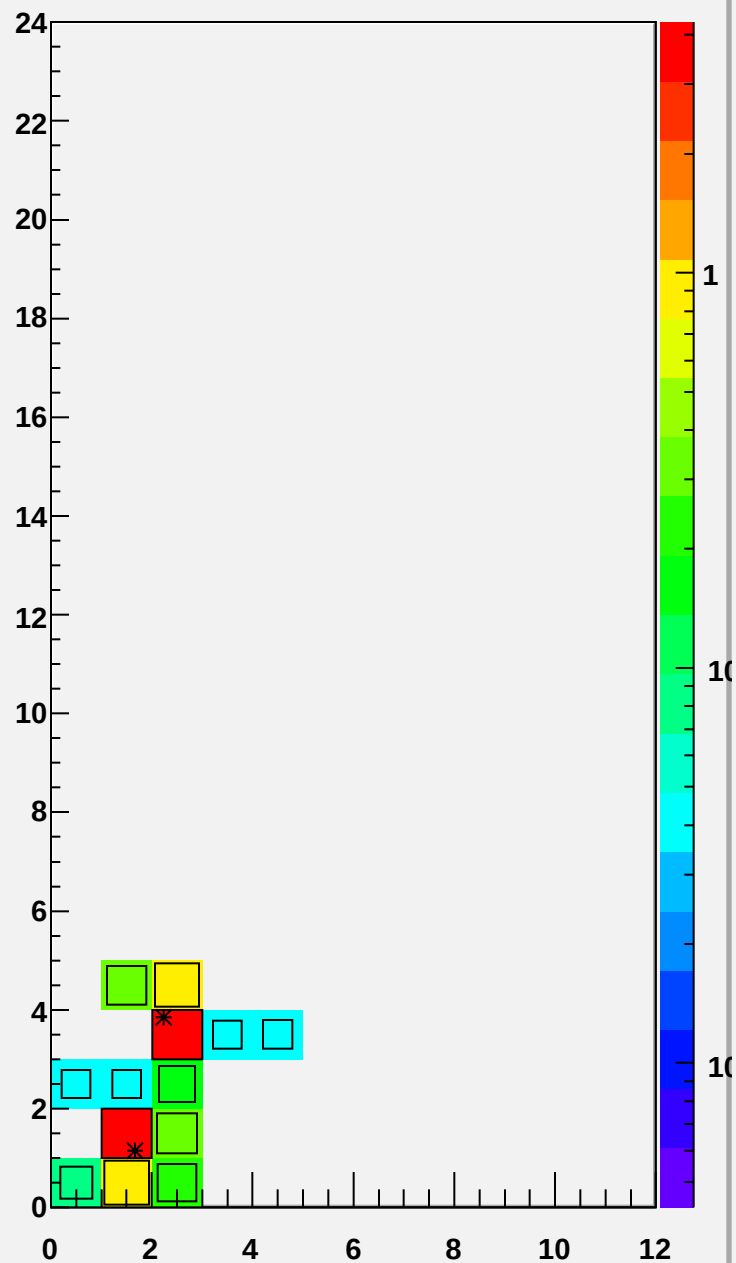
Mean x 2.976

Mean y 4.64

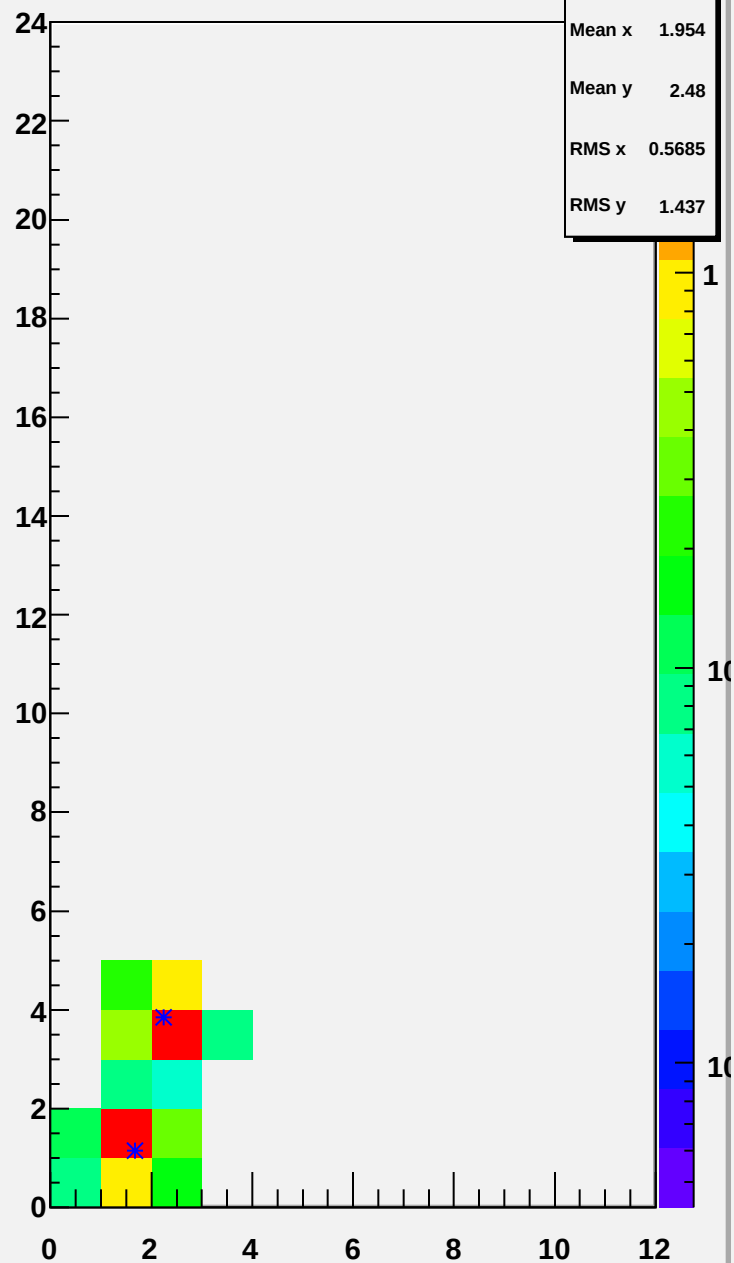
RMS x 0.779

RMS y 1.333

NSTB3_r4_c3_En=11.3_m0=0.091 m1=0.091 index=2429



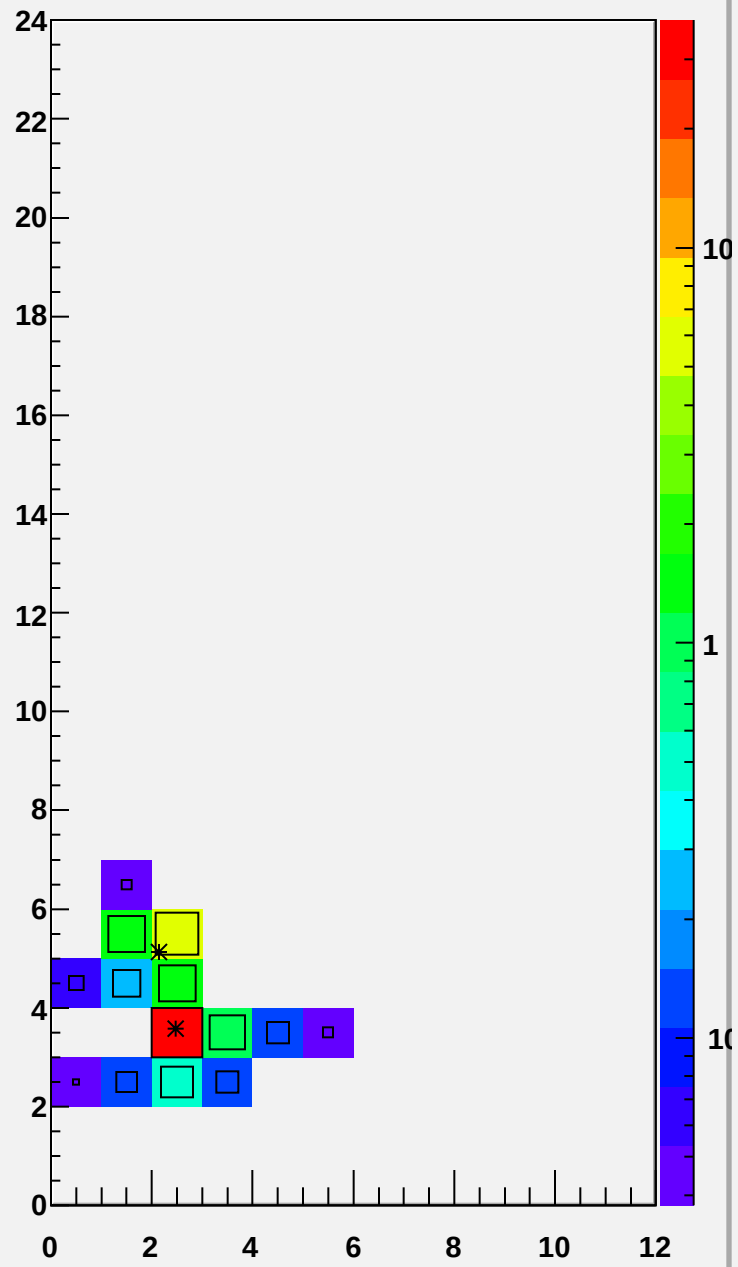
Fitted Energies



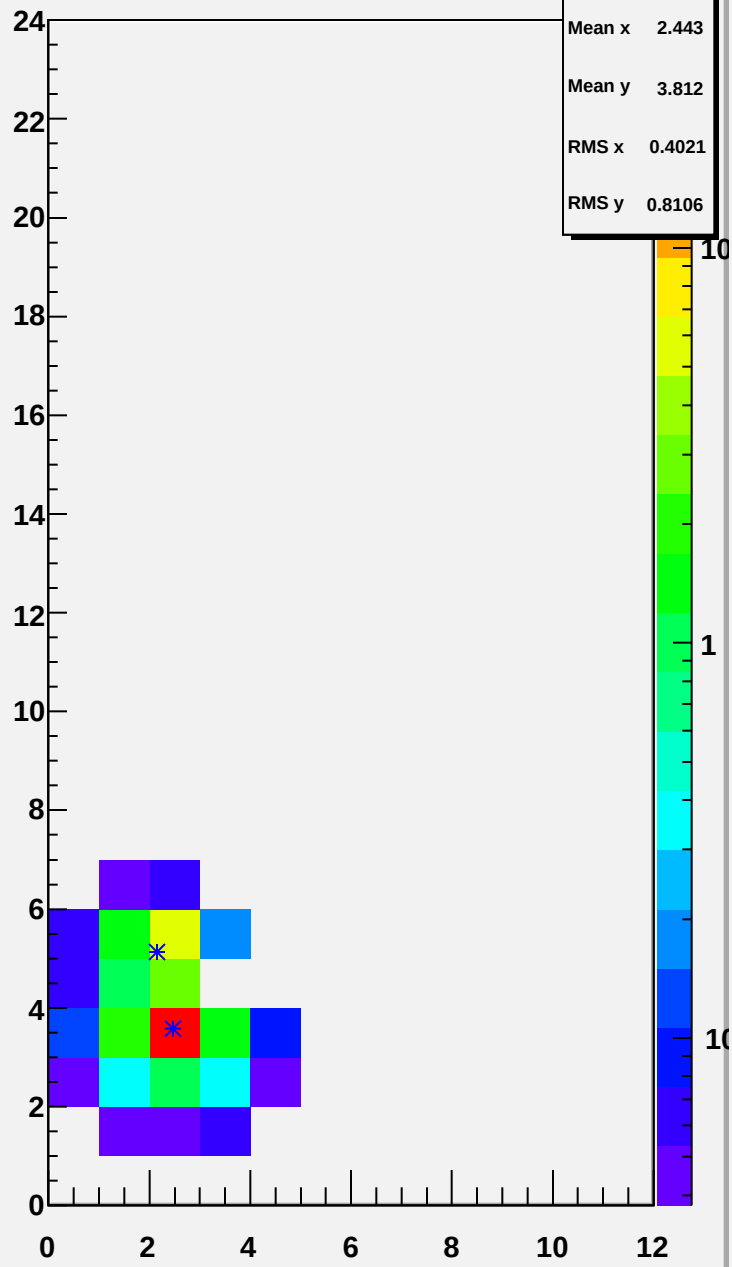
Efit

Entries	288
Mean x	1.954
Mean y	2.48
RMS x	0.5685
RMS y	1.437

NSTB3_r4_c3_En=48.3_m0=0.172 m1=0.172 index=2430



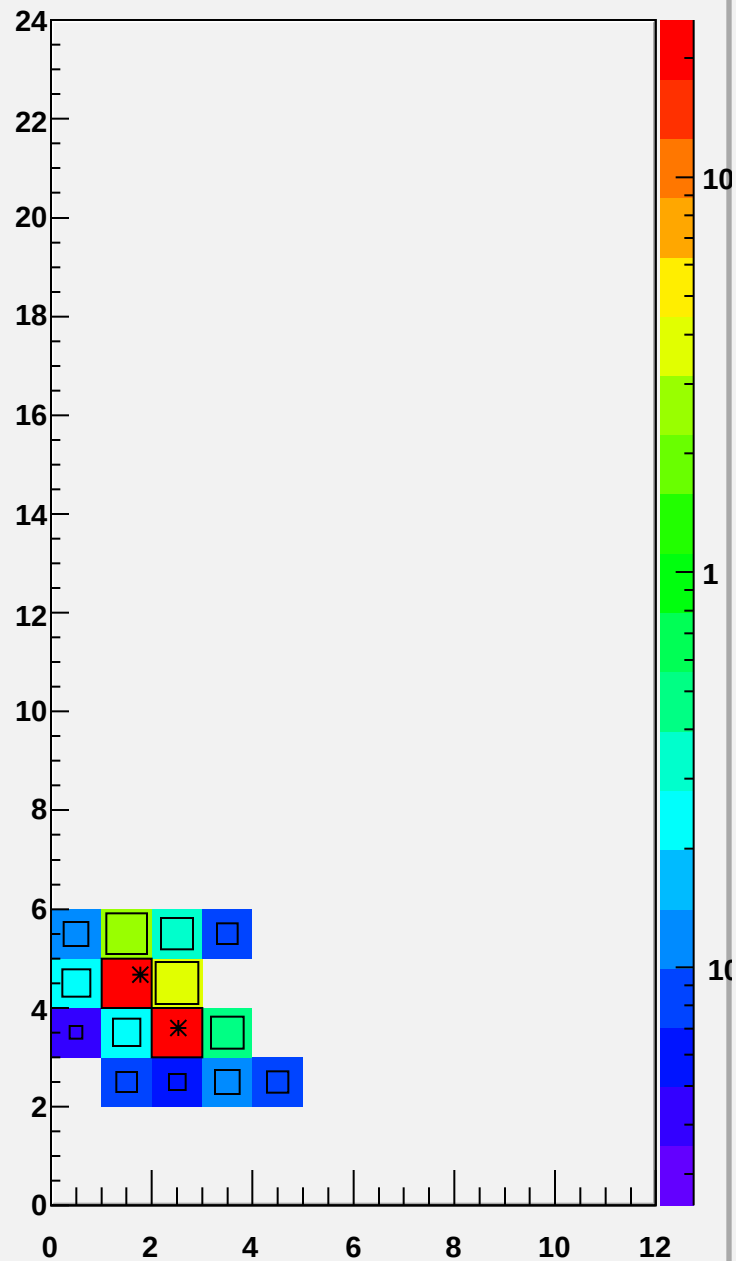
Fitted Energies



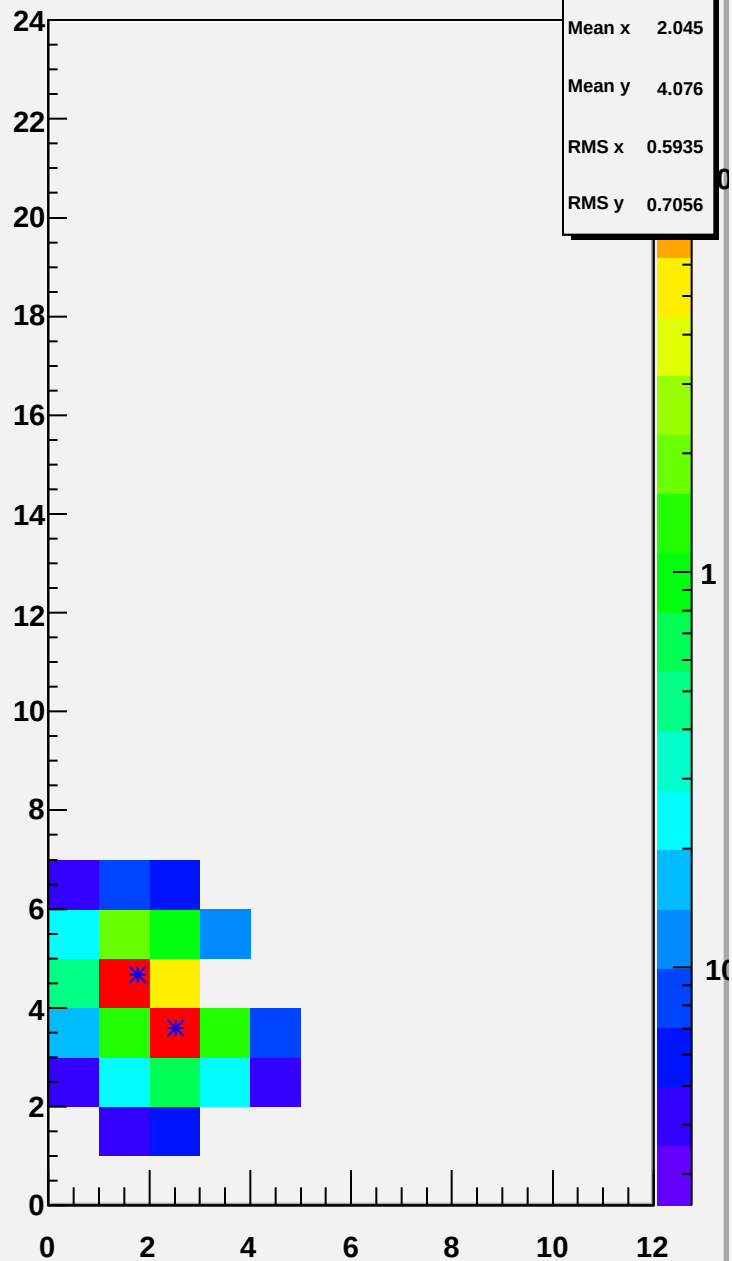
Efit

Entries	288
Mean x	2.443
Mean y	3.812
RMS x	0.4021
RMS y	0.8106

NSTB3_r4_c3_En=55.9_m0=0.215 m1=0.214 index=2431



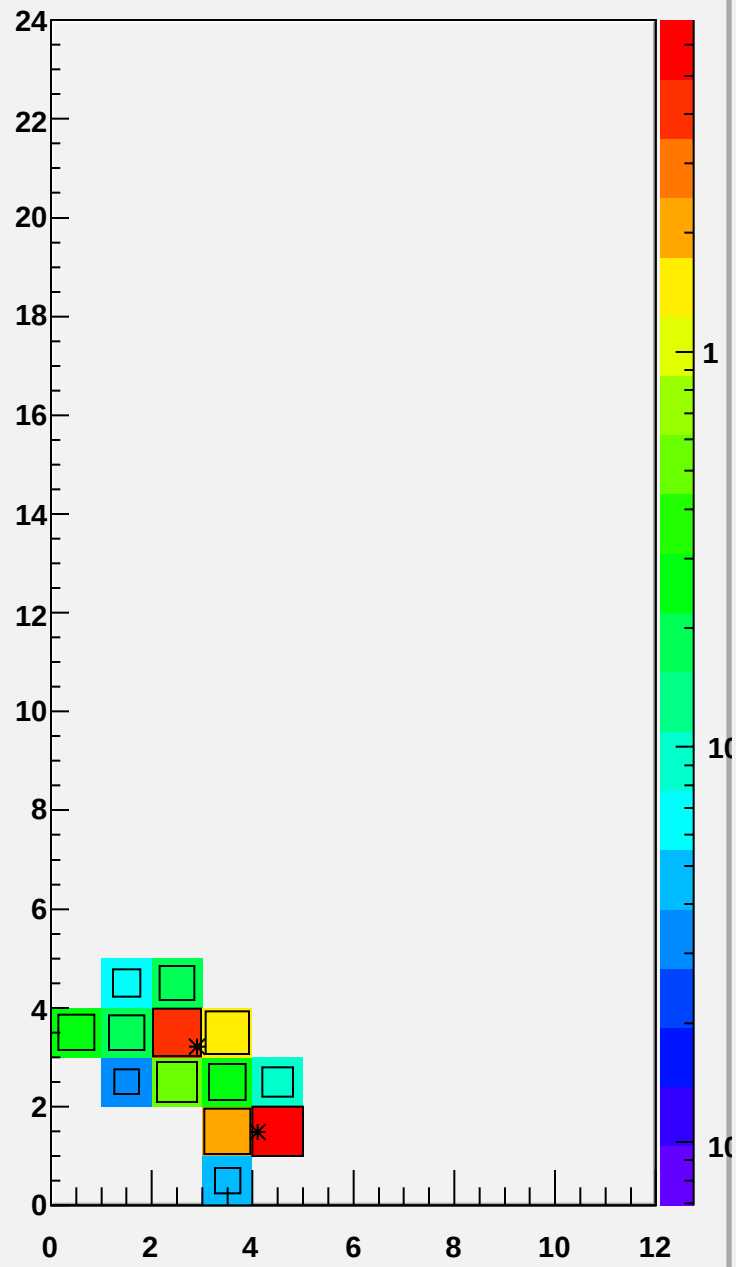
Fitted Energies



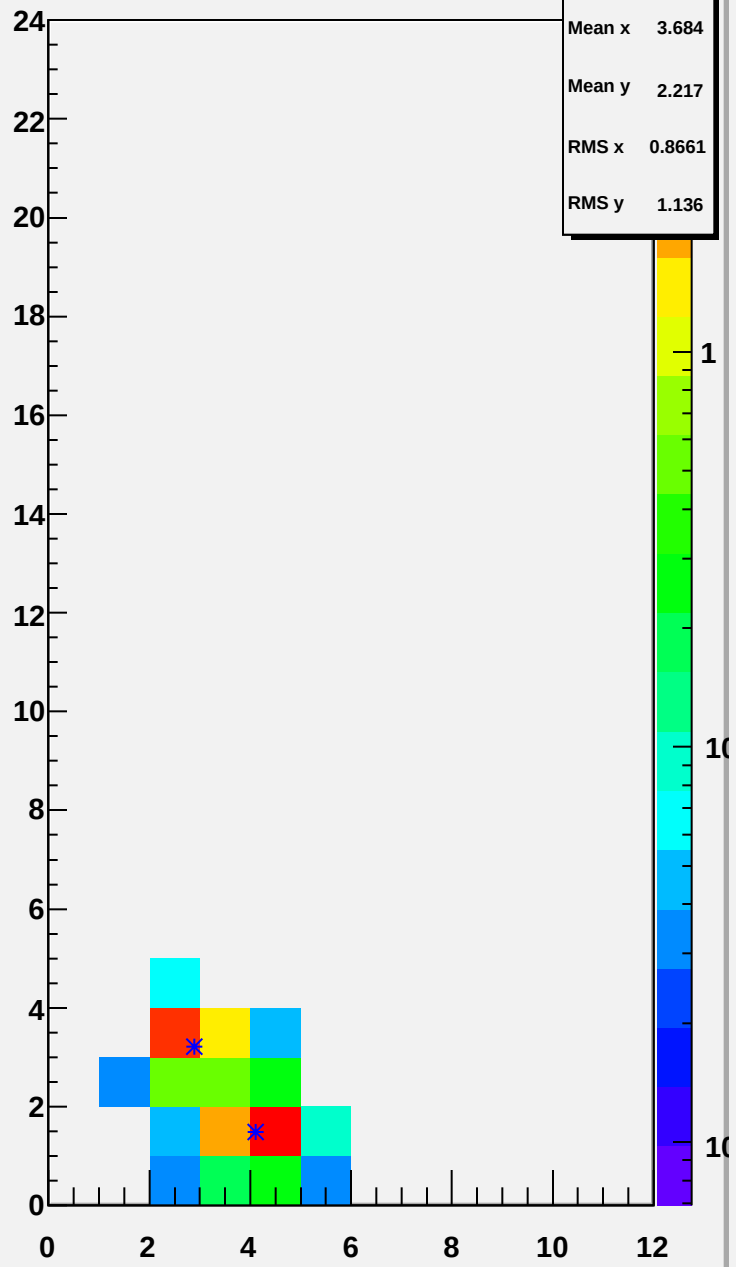
Efit

Entries	288
Mean x	2.045
Mean y	4.076
RMS x	0.5935
RMS y	0.7056

NSTB3_r4_c3_En=16.1_m0=0.094 m1=0.094 index=2432



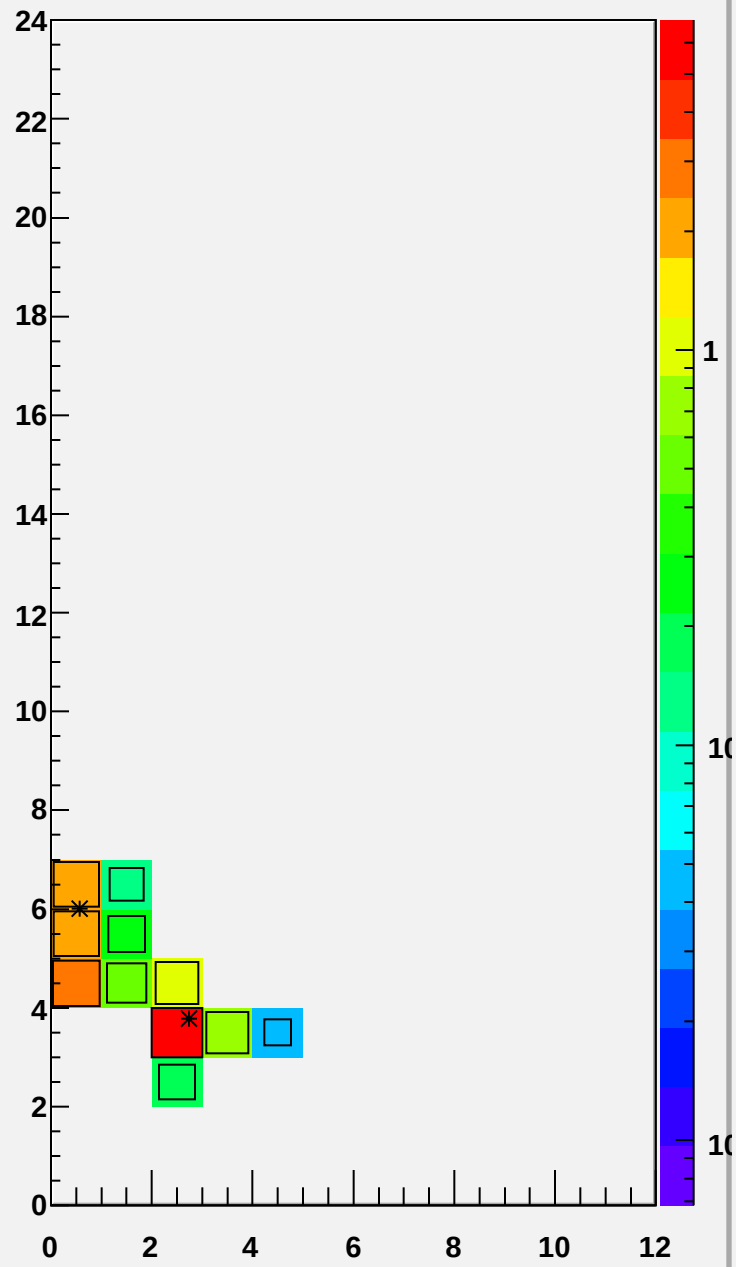
Fitted Energies



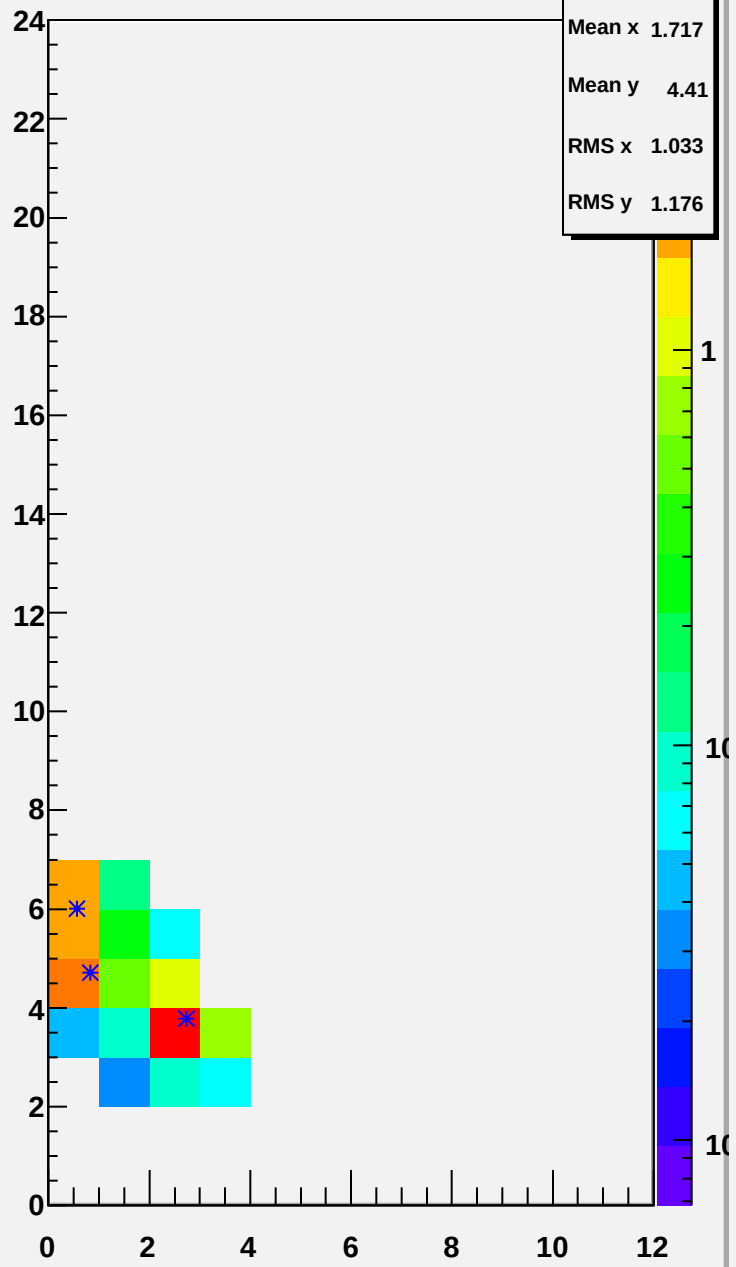
Efit

Entries	288
Mean x	3.684
Mean y	2.217
RMS x	0.8661
RMS y	1.136

NSTB3_r4_c3_En=16.2_m0=0.109 m1=0.109 index=2433



Fitted Energies



Efit

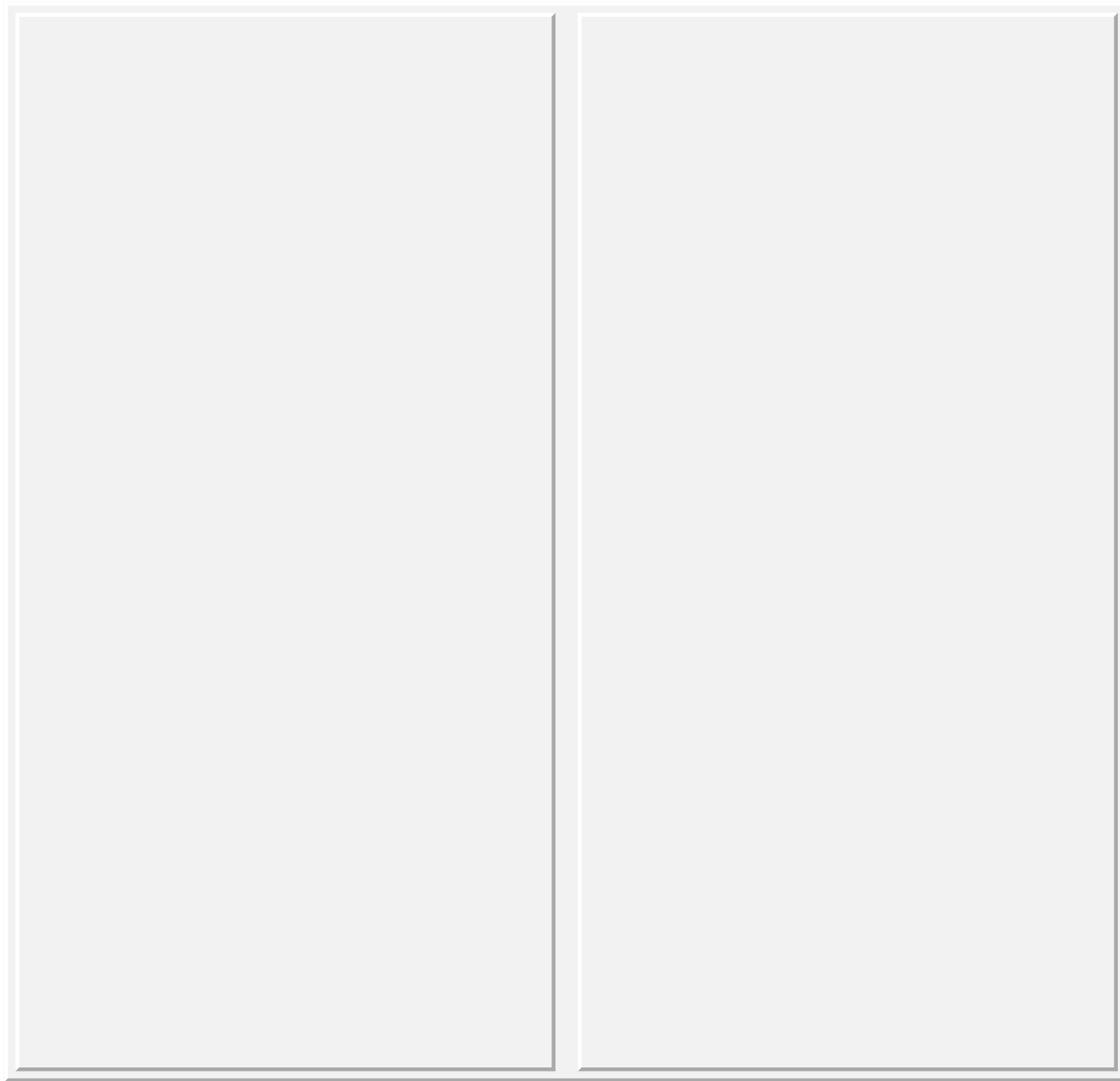
Entries 288

Mean x 1.717

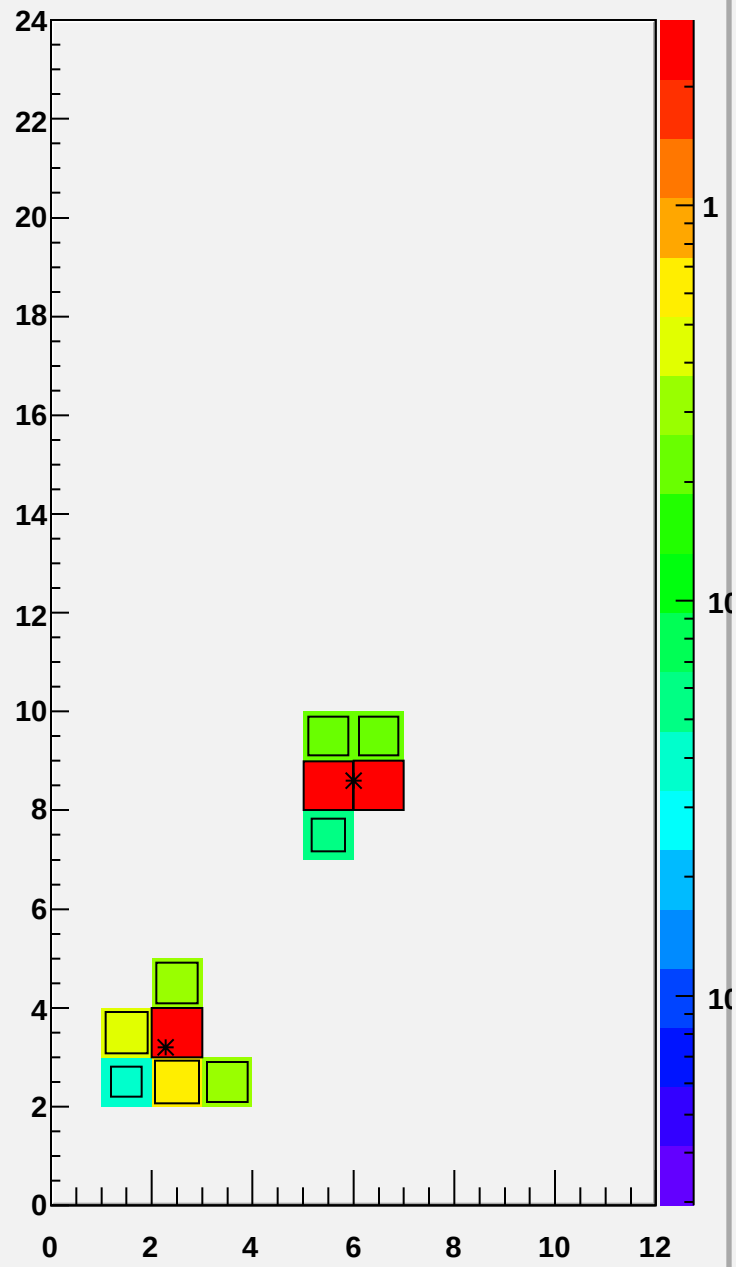
Mean y 4.41

RMS x 1.033

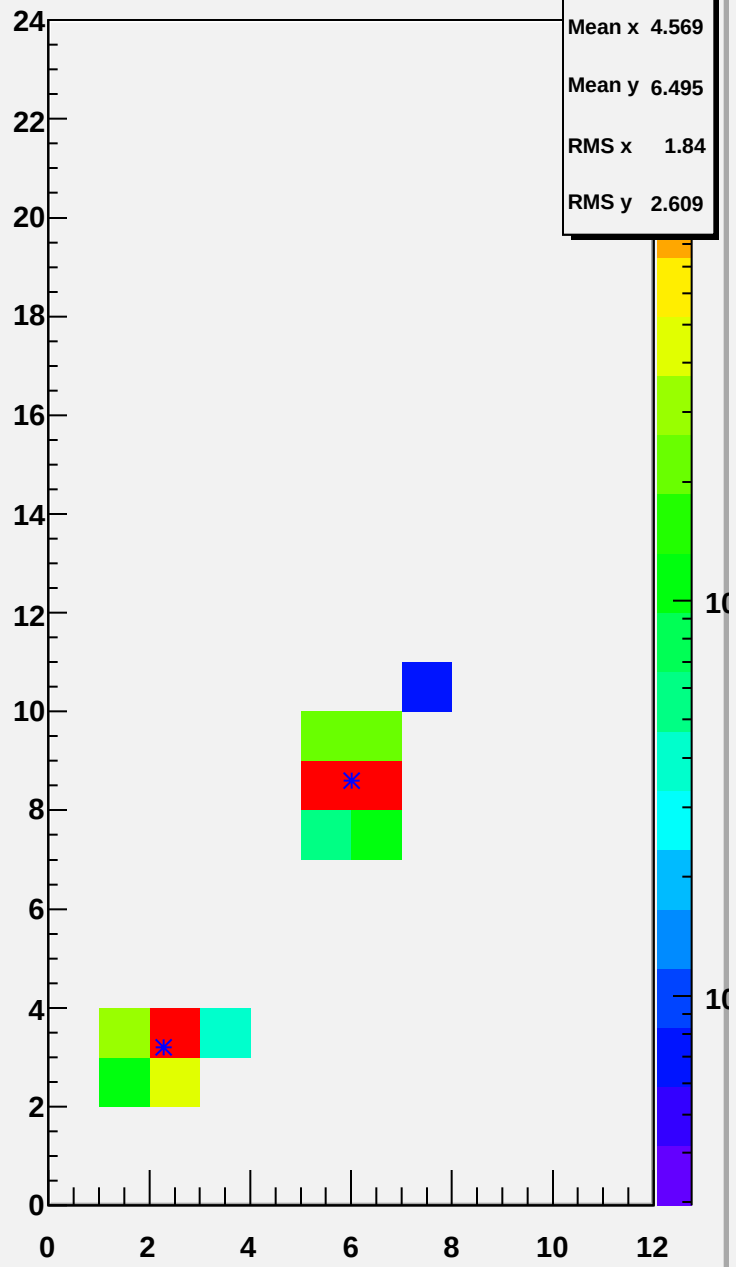
RMS y 1.176



NSTB3_r4_c3_En=10.3_m0=0.182 m1=0.182 index=2435



Fitted Energies



Efit

Entries 288

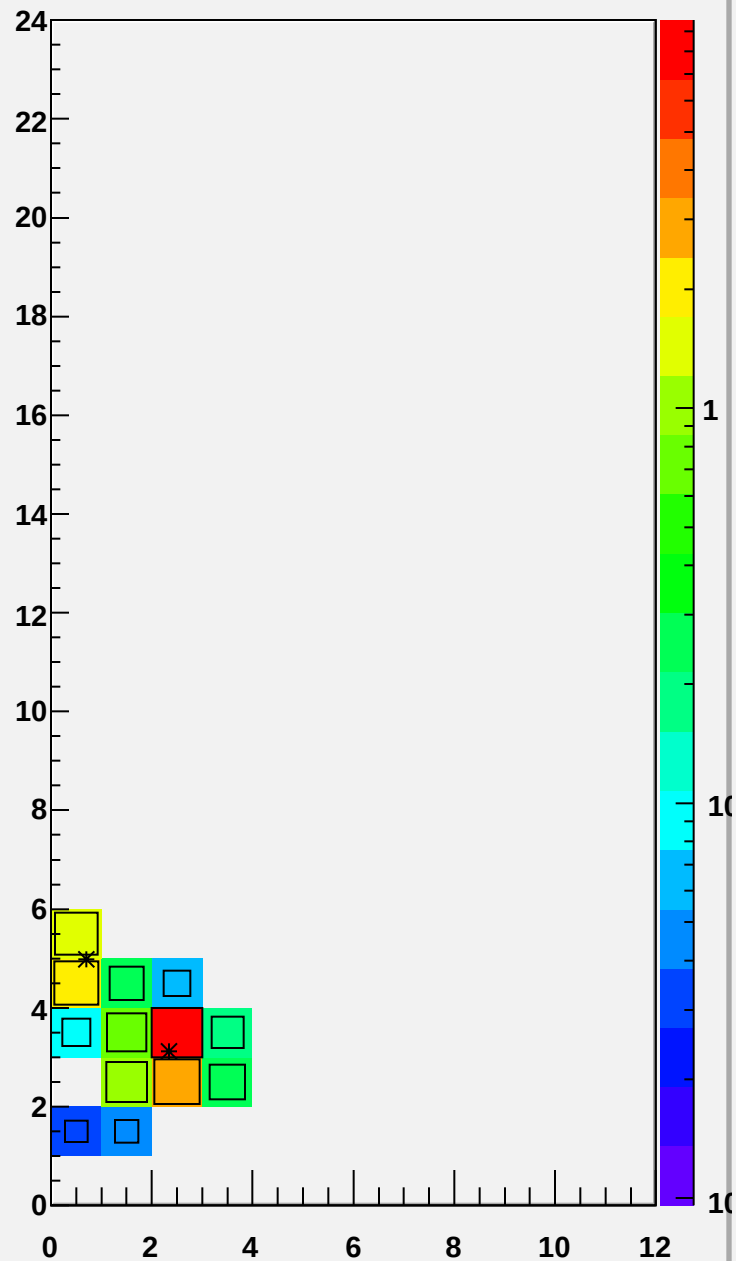
Mean x 4.569

Mean y 6.495

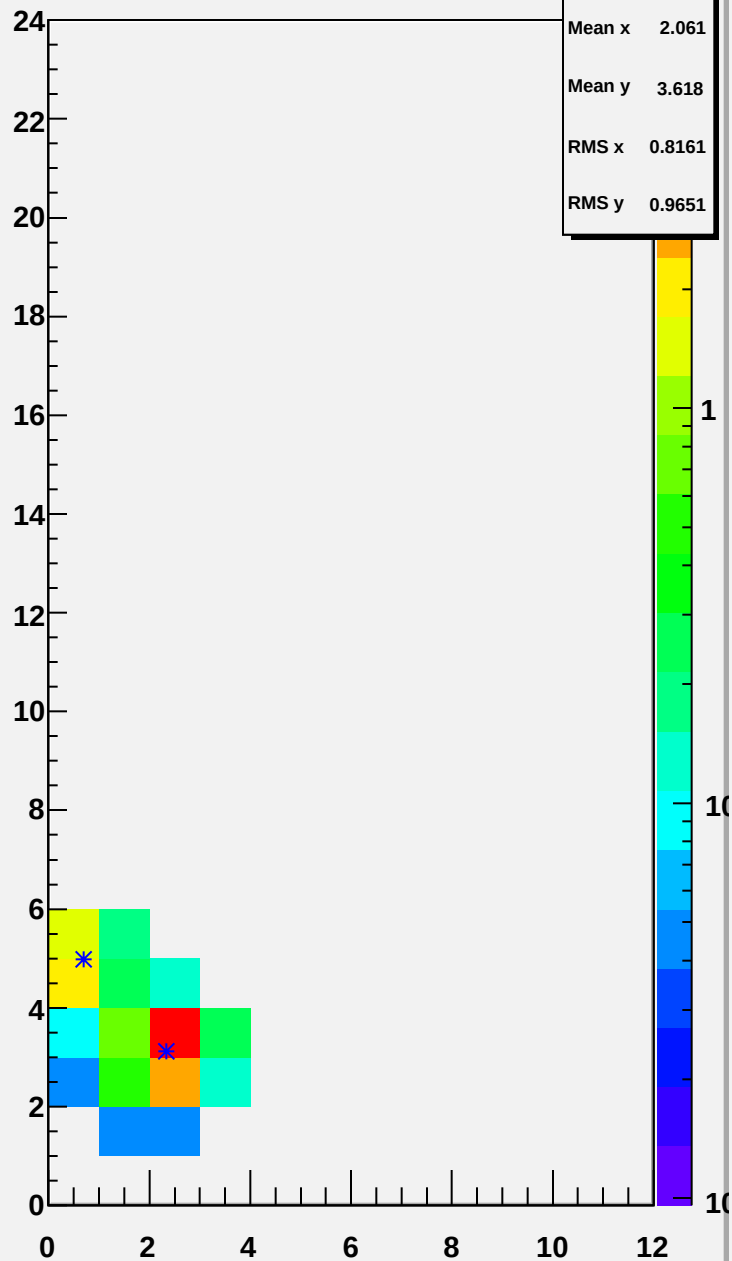
RMS x 1.84

RMS y 2.609

NSTB3_r4_c3_En=17.9_m0=0.103 m1=0.103 index=2436



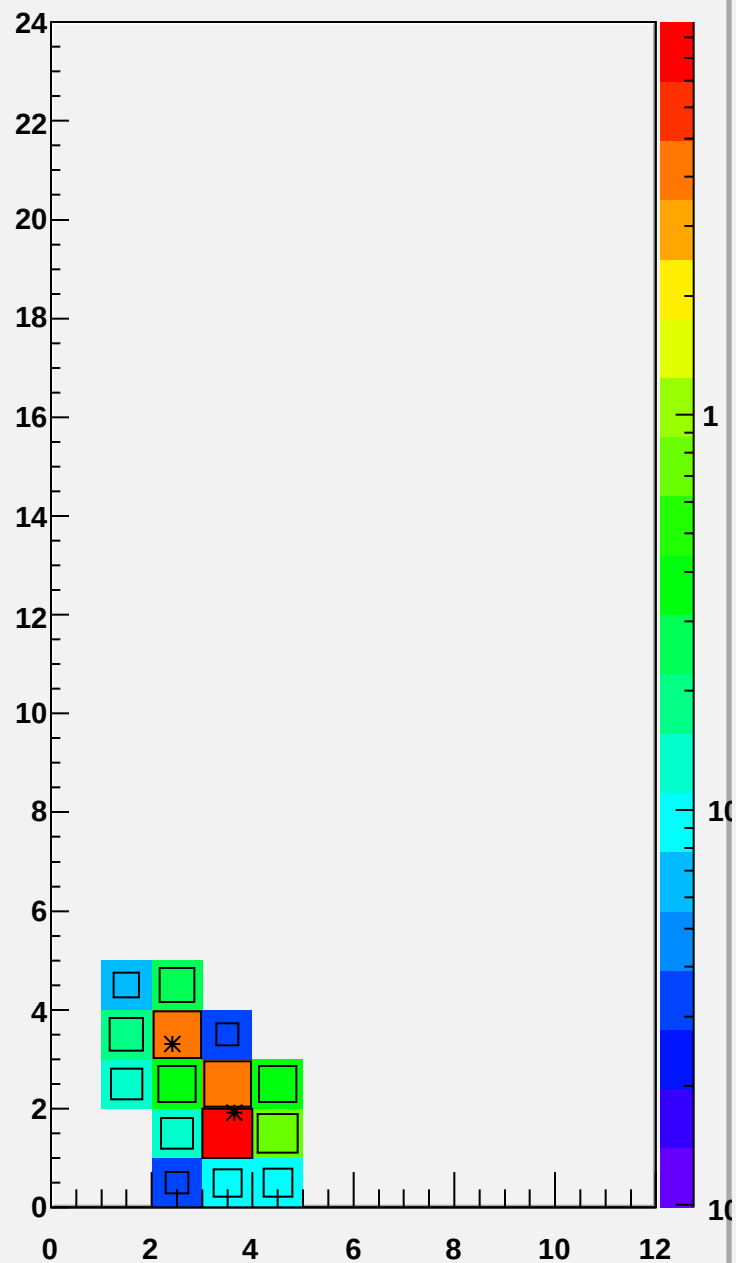
Fitted Energies



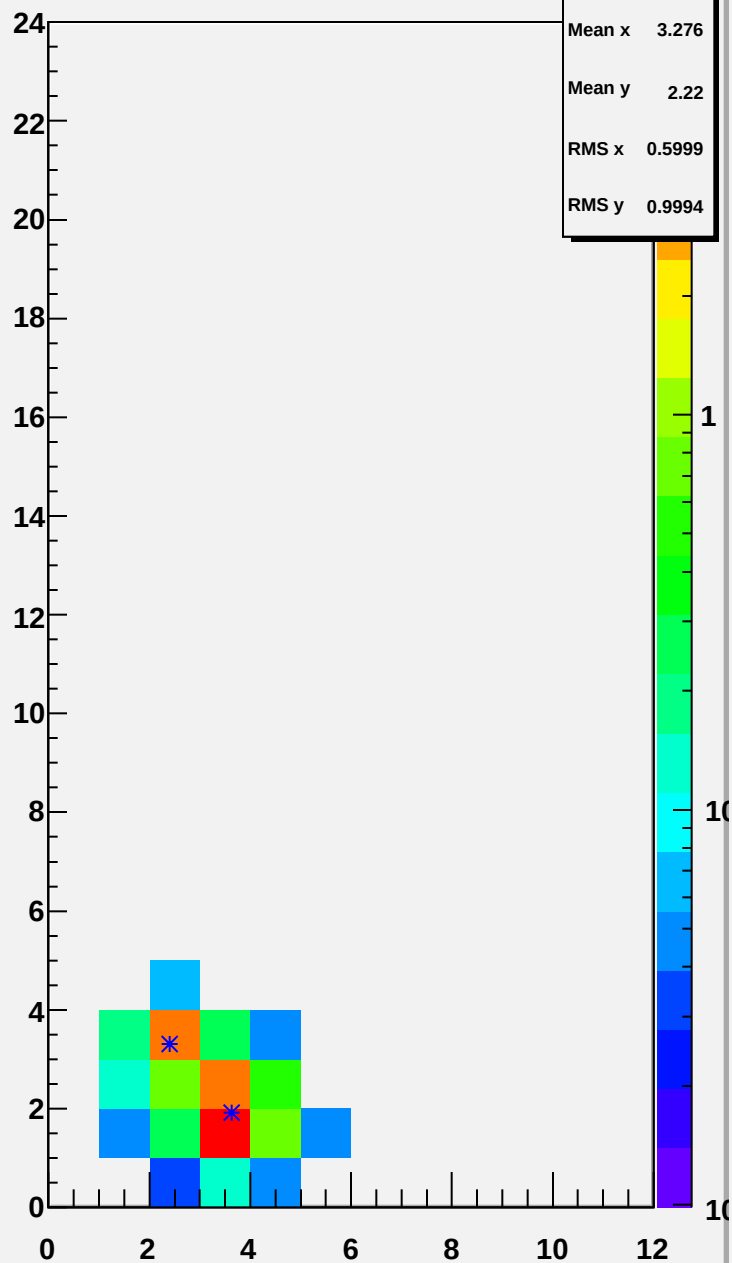
Efit

Entries	288
Mean x	2.061
Mean y	3.618
RMS x	0.8161
RMS y	0.9651

NSTB3_r4_c3_En=20.5_m0=0.094 m1=0.095 index=2437



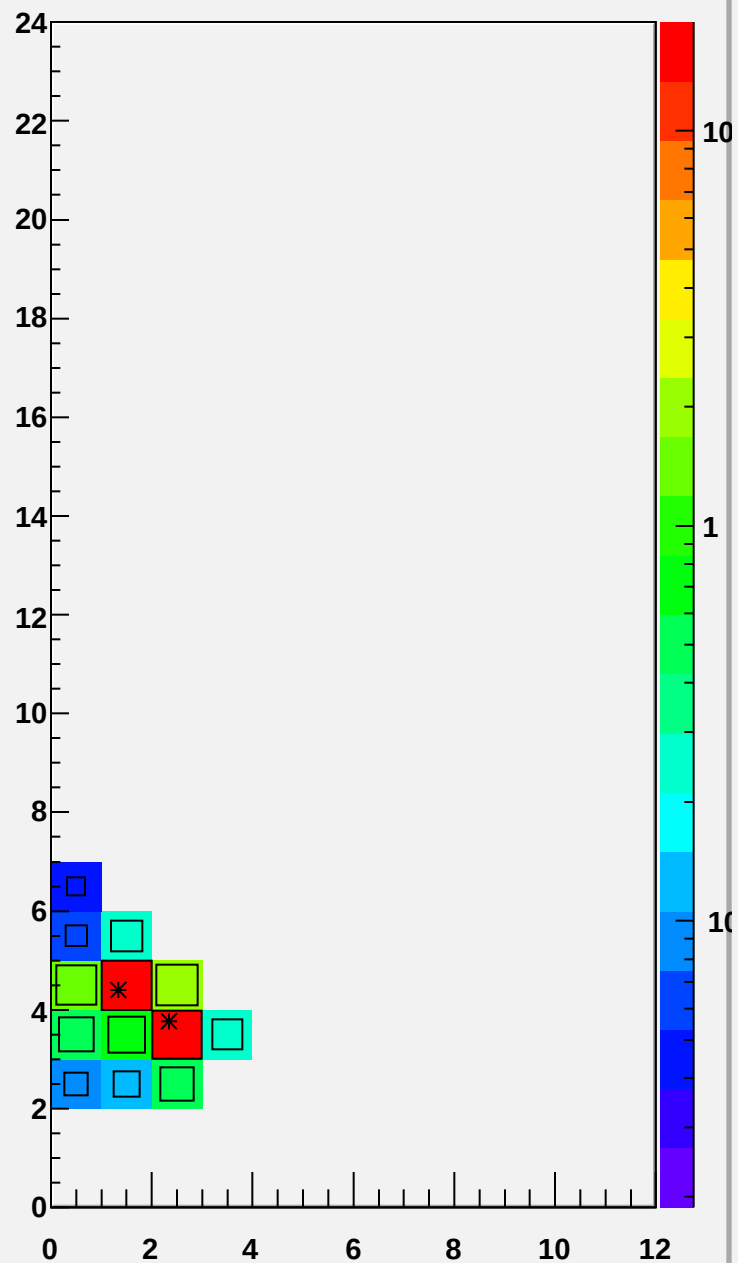
Fitted Energies



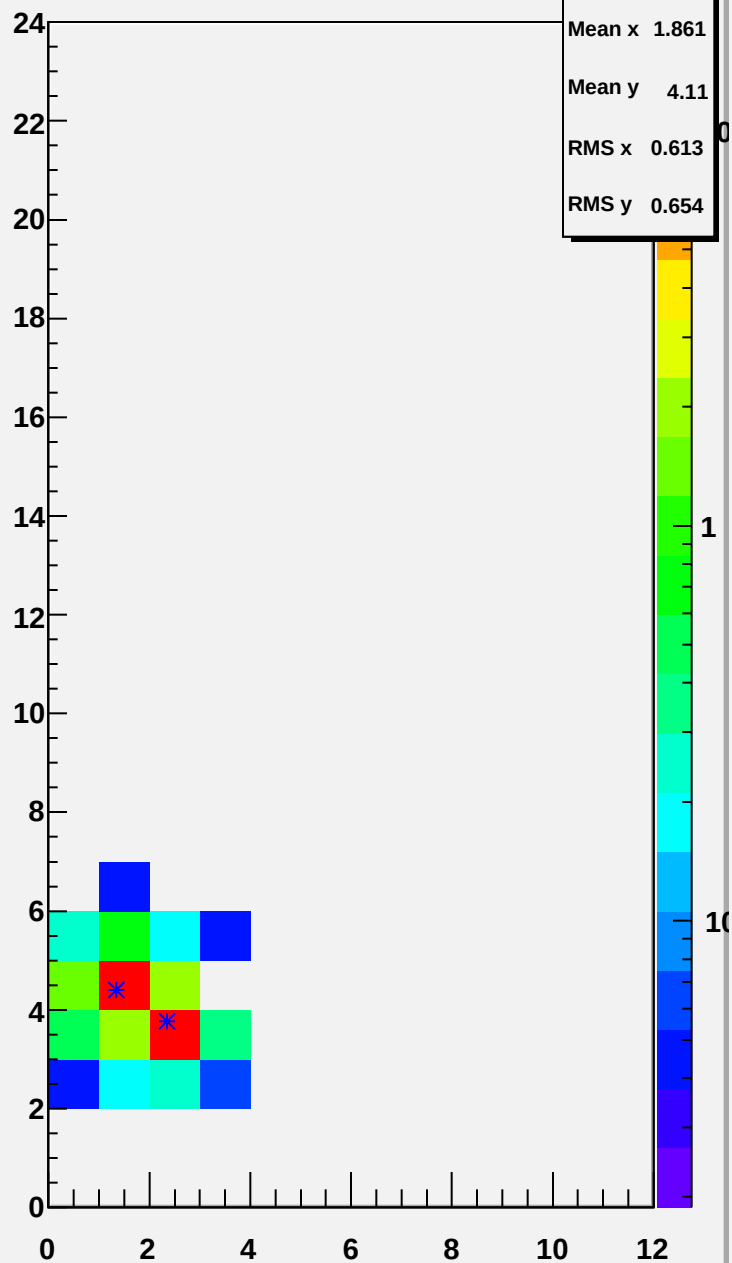
Efit

Entries	288
Mean x	3.276
Mean y	2.22
RMS x	0.5999
RMS y	0.9994

NSTB3_r4_c3_En=38.4_m0=0.133 m1=0.134 index=2438



Fitted Energies



Efit

Entries 288

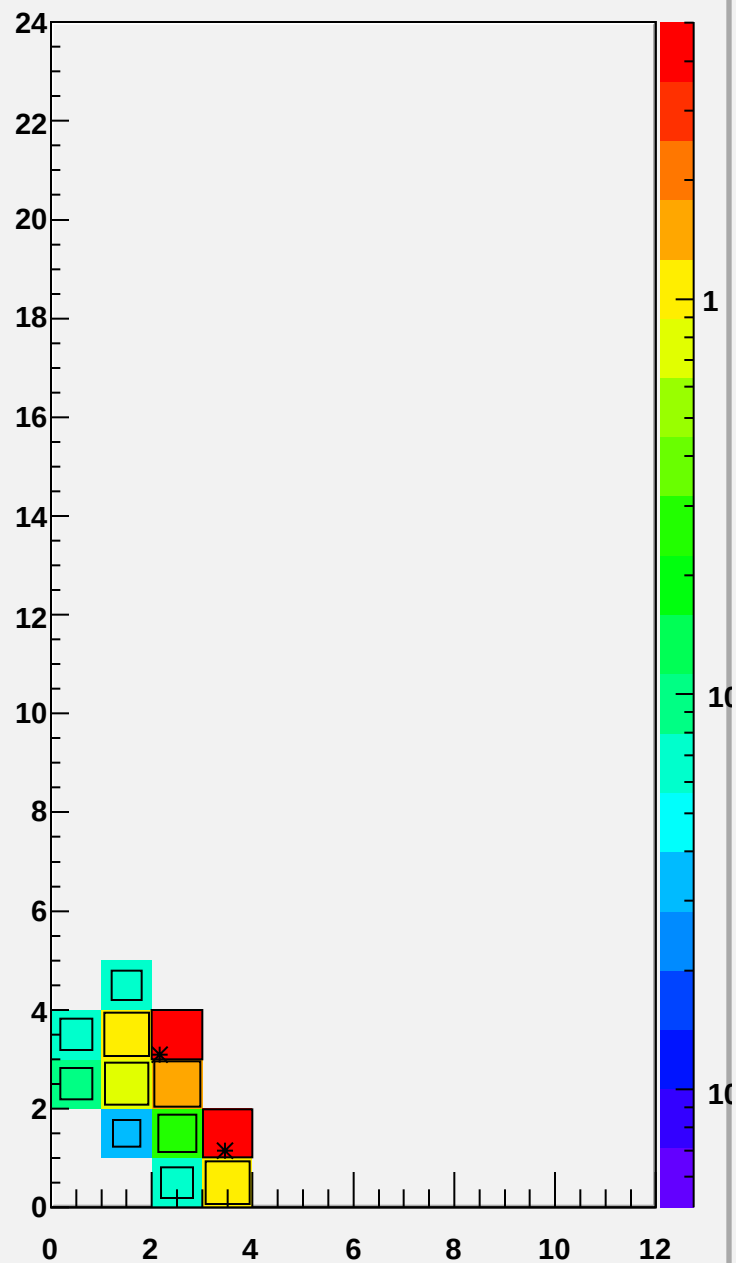
Mean x 1.861

Mean y 4.11

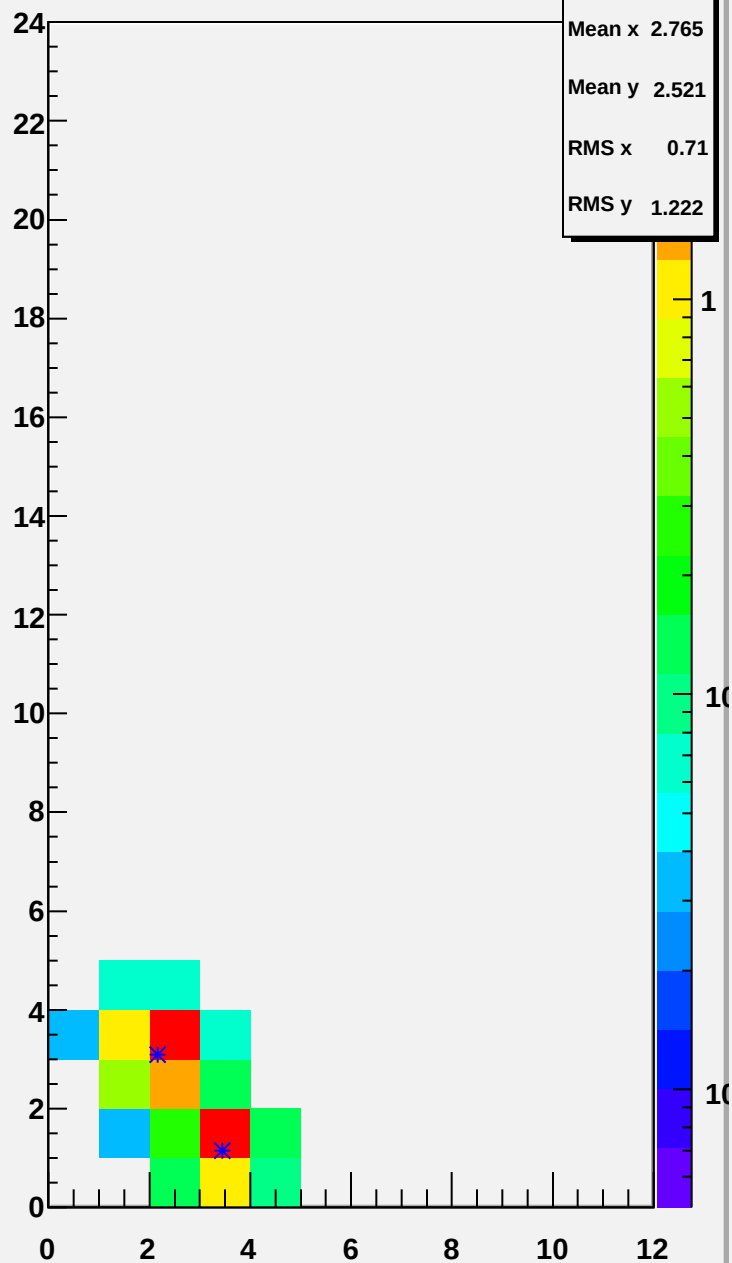
RMS x 0.613

RMS y 0.654

NSTB3_r4_c3_En=13.9_m0=0.091 m1=0.091 index=2439



Fitted Energies



Efit

Entries 288

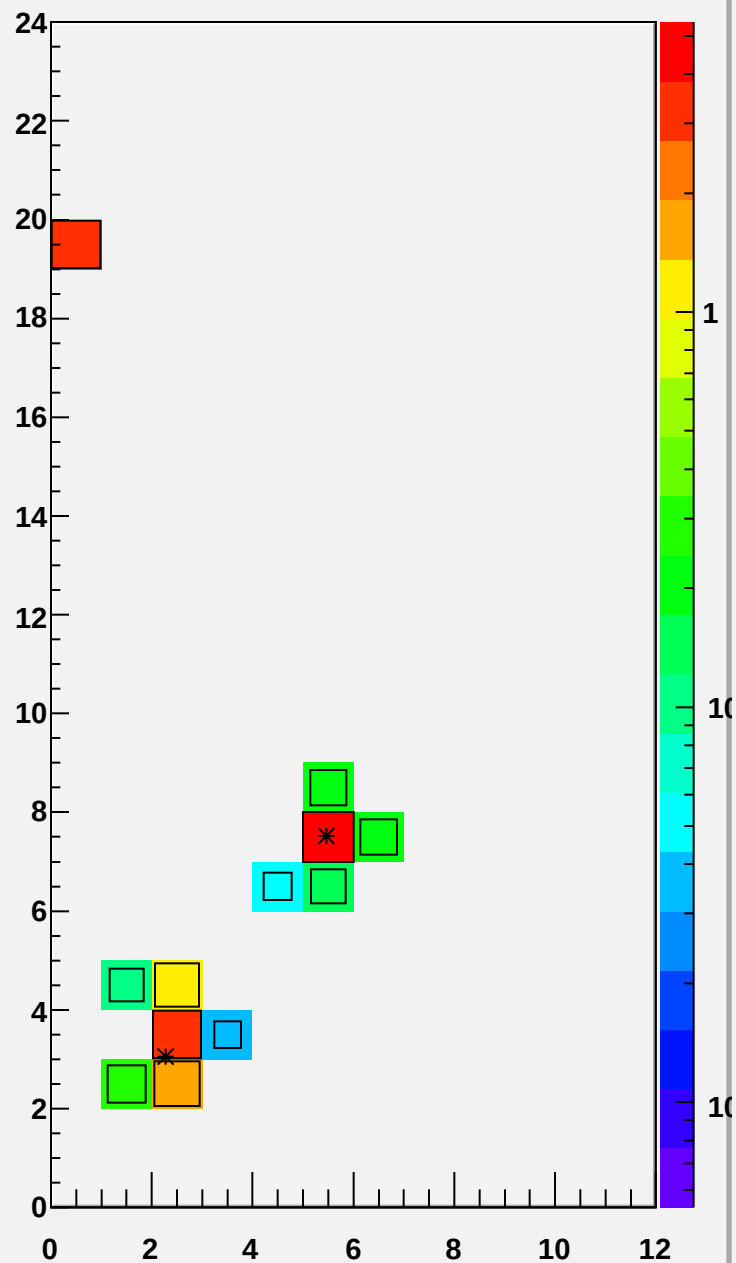
Mean x 2.765

Mean y 2.521

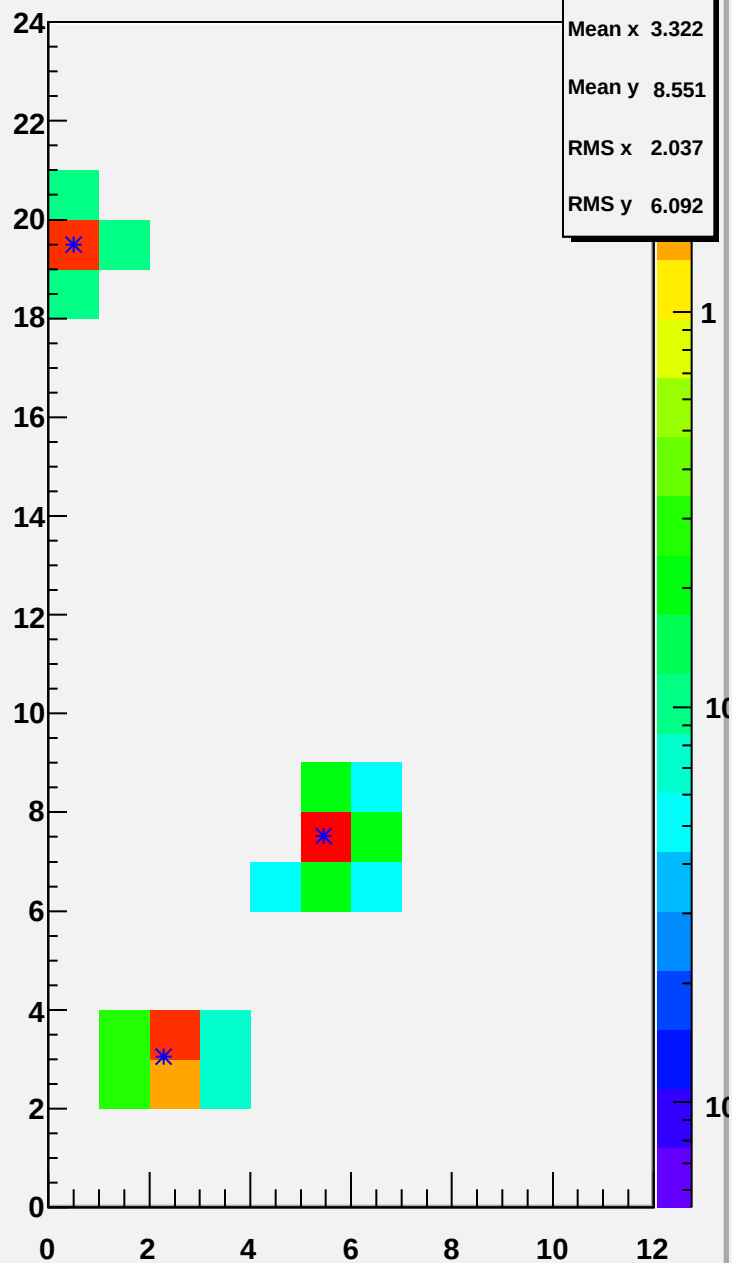
RMS x 0.71

RMS y 1.222

NSTB3_r4_c3_En=15.4_m0=0.185 m1=0.185 index=2440



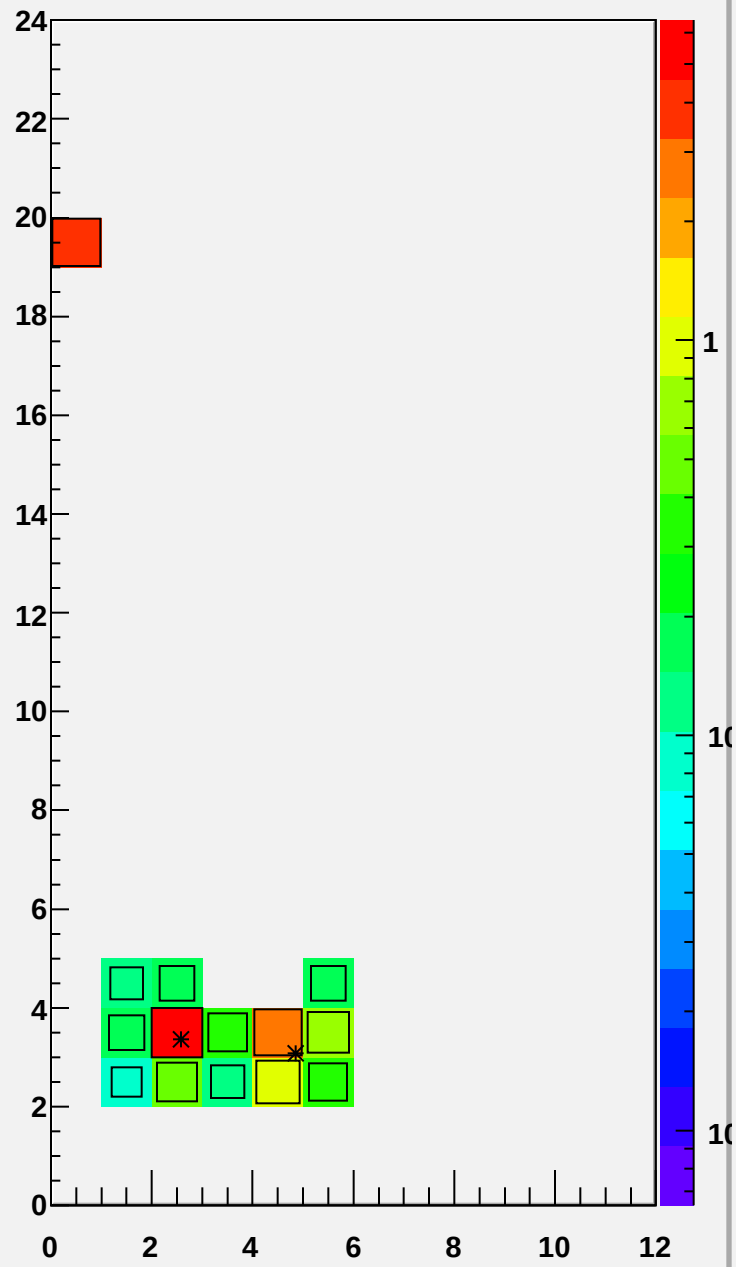
Fitted Energies



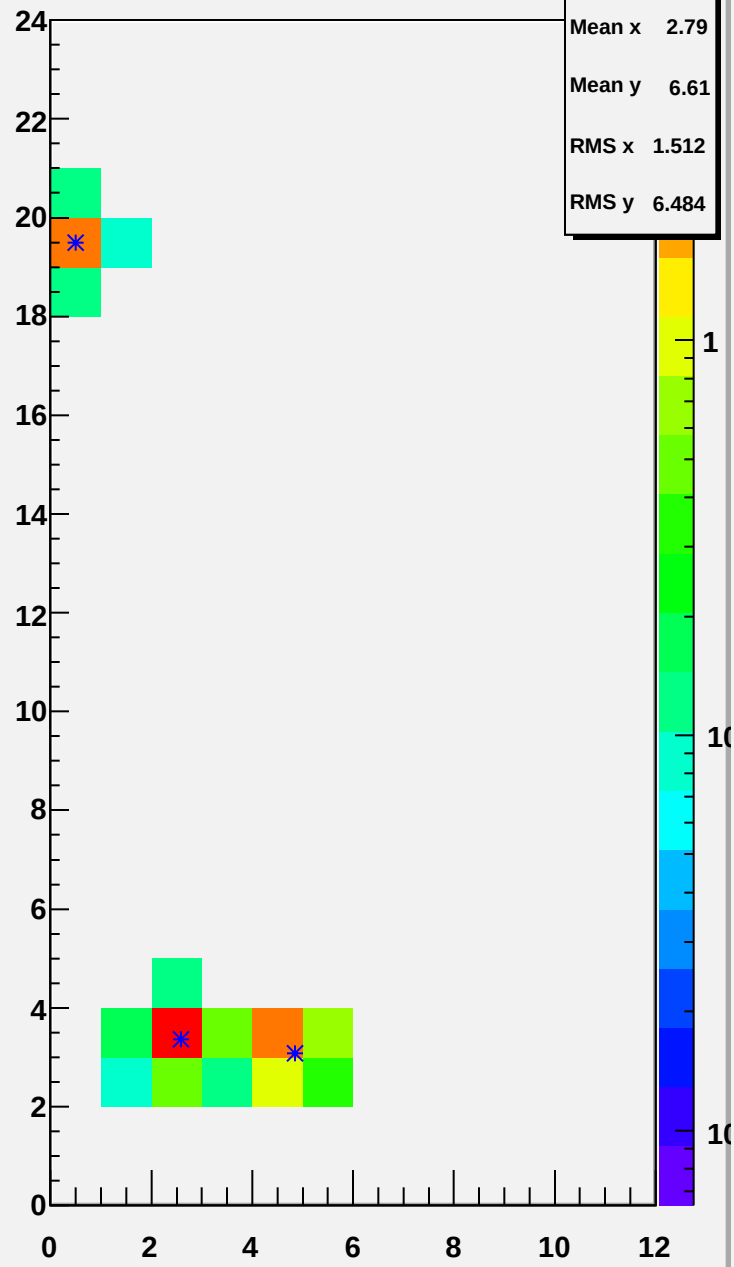
Efit

Entries 288
Mean x 3.322
Mean y 8.551
RMS x 2.037
RMS y 6.092

NSTB3_r4_c3_En=16.4_m0=0.081 m1=0.081 index=2441



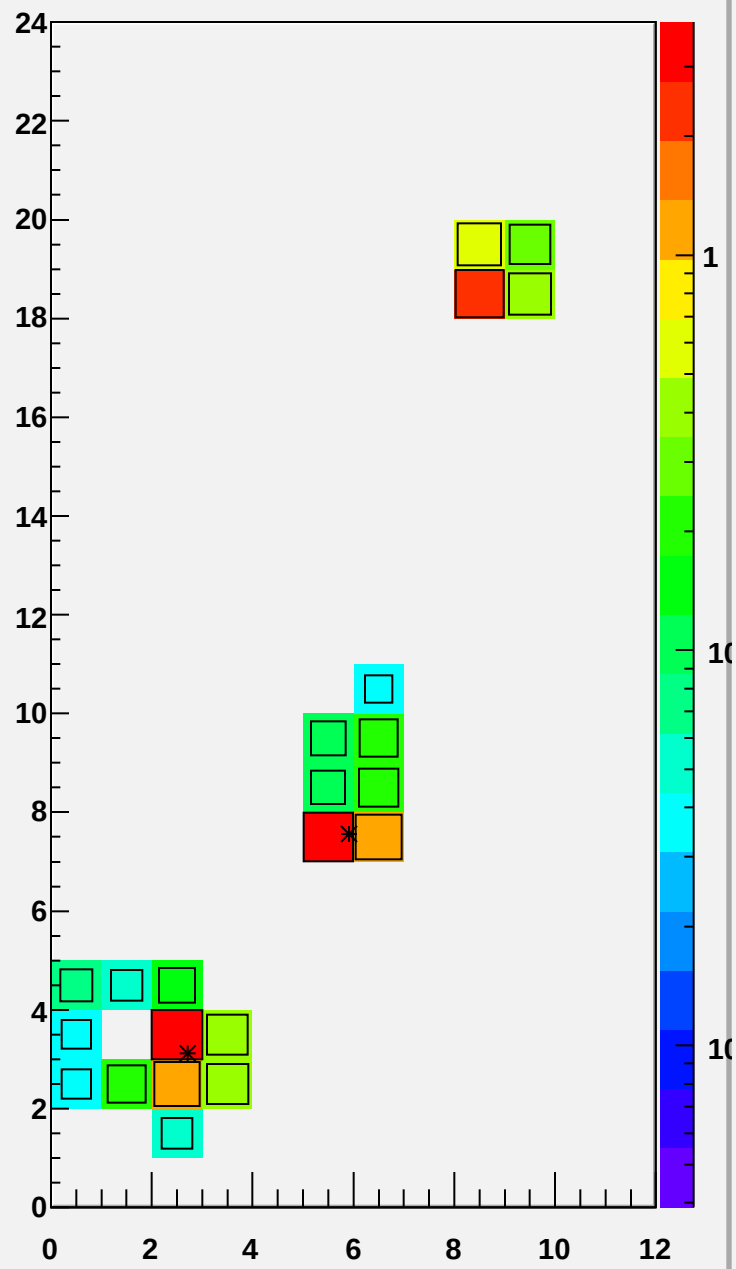
Fitted Energies



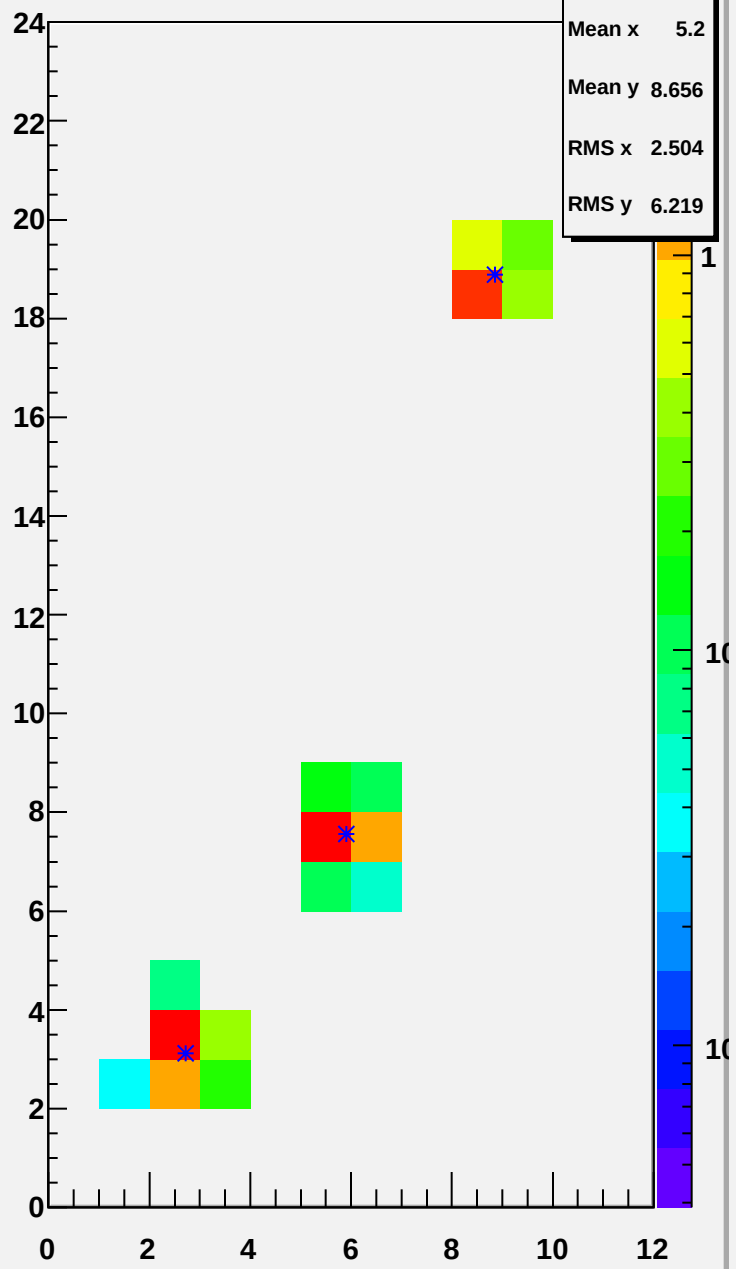
Efit

Entries 288
Mean x 2.79
Mean y 6.61
RMS x 1.512
RMS y 6.484

NSTB3_r4_c3_En=14.5_m0=0.158 m1=0.158 index=2442



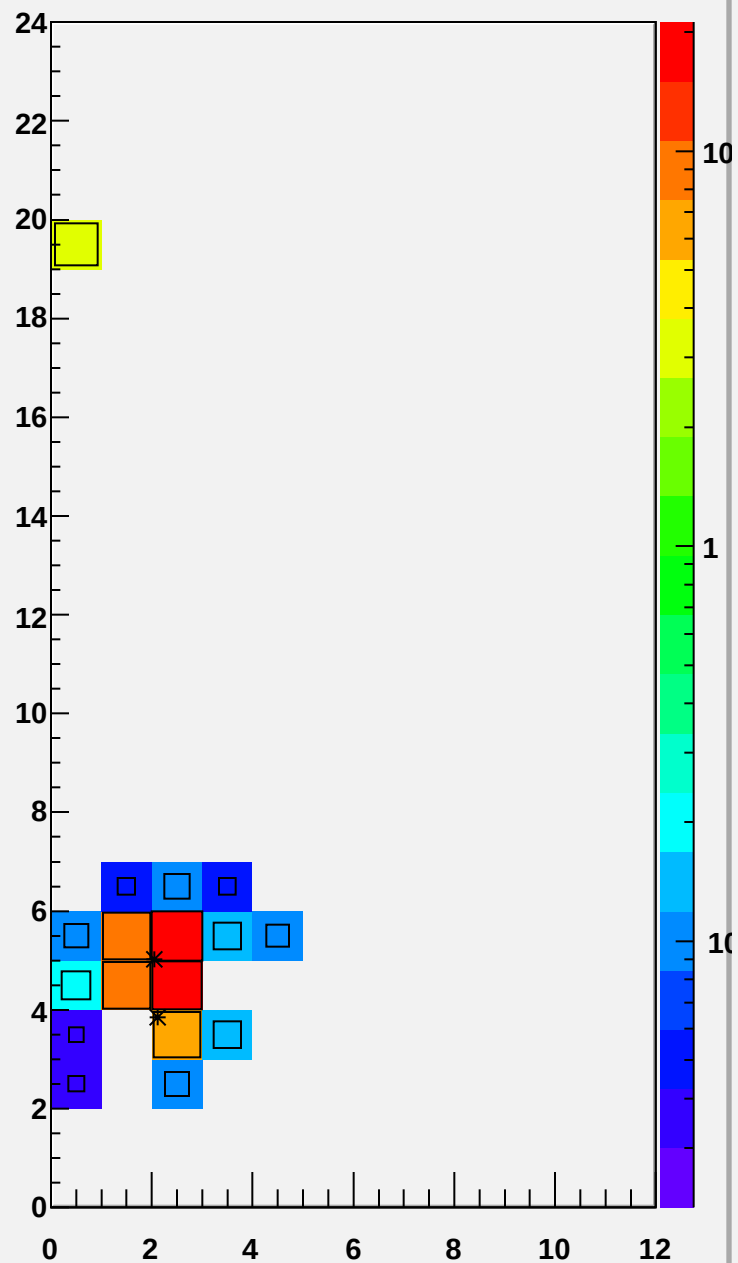
Fitted Energies



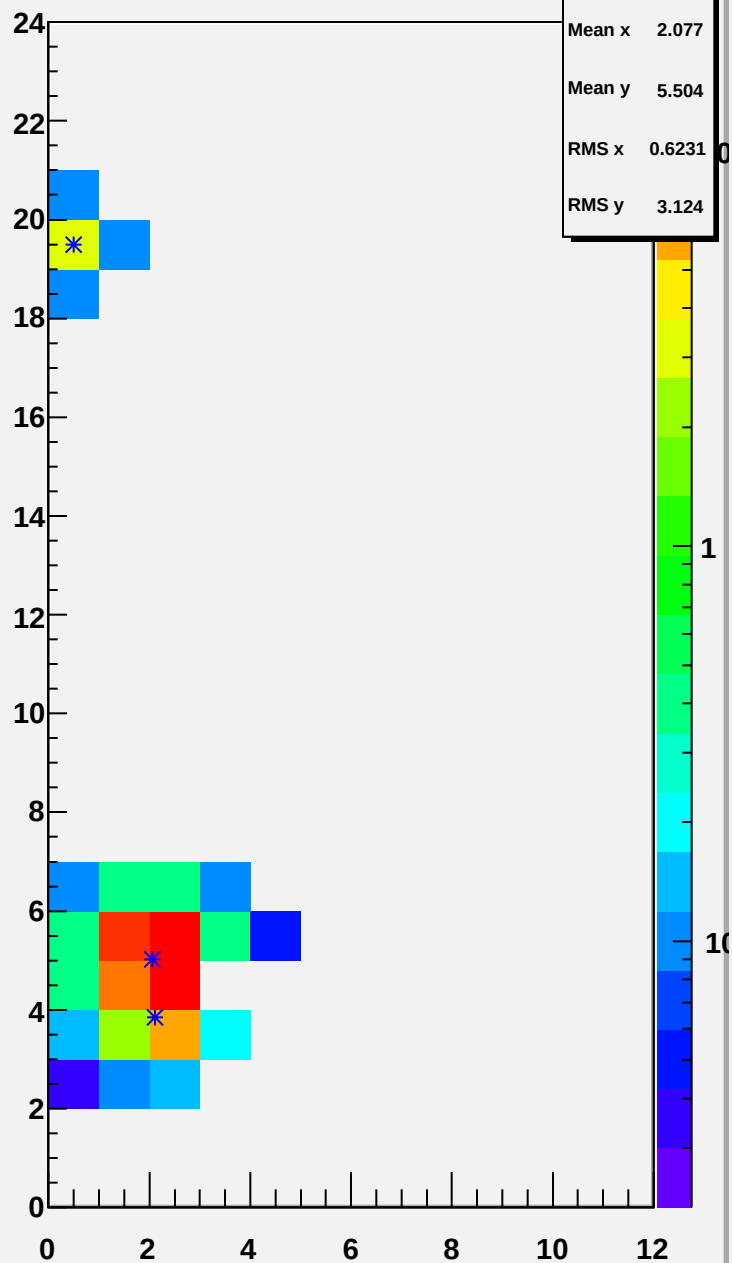
Efit

Entries	288
Mean x	5.2
Mean y	8.656
RMS x	2.504
RMS y	6.219

NSTB3_r4_c3_En=68.6_m0=0.170 m1=0.170 index=2444



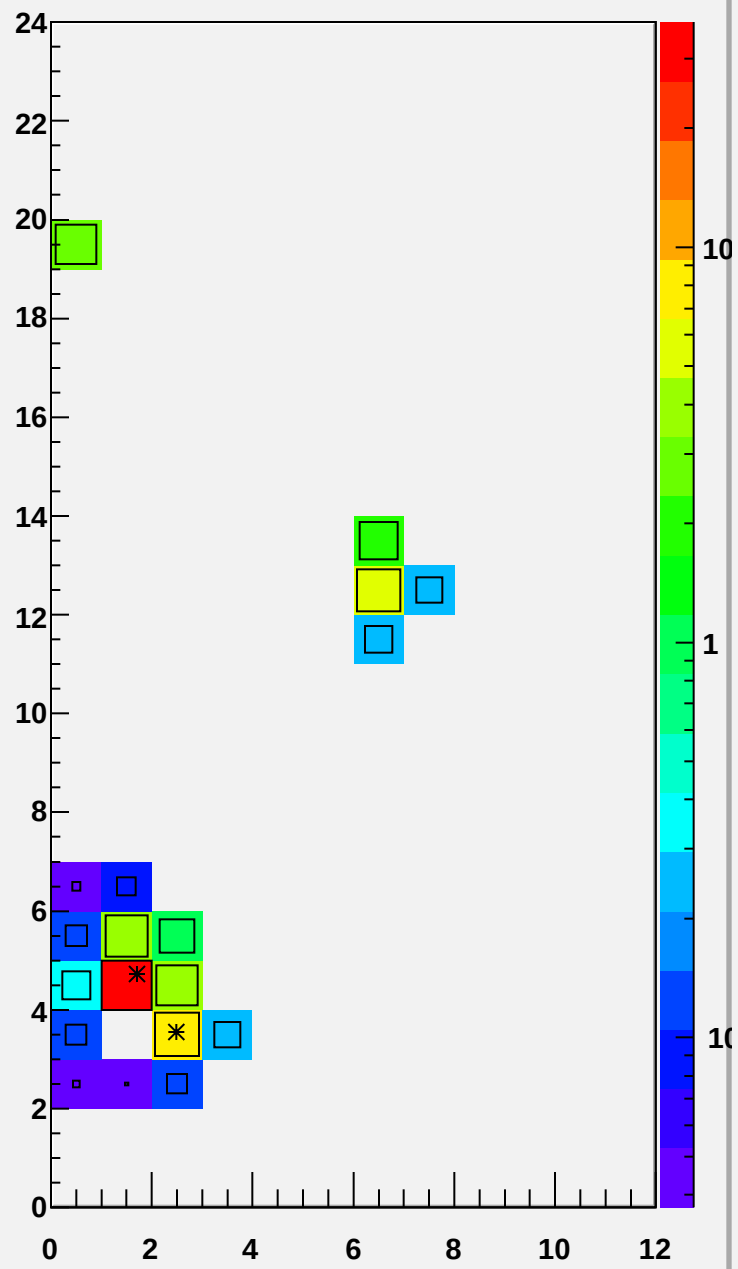
Fitted Energies



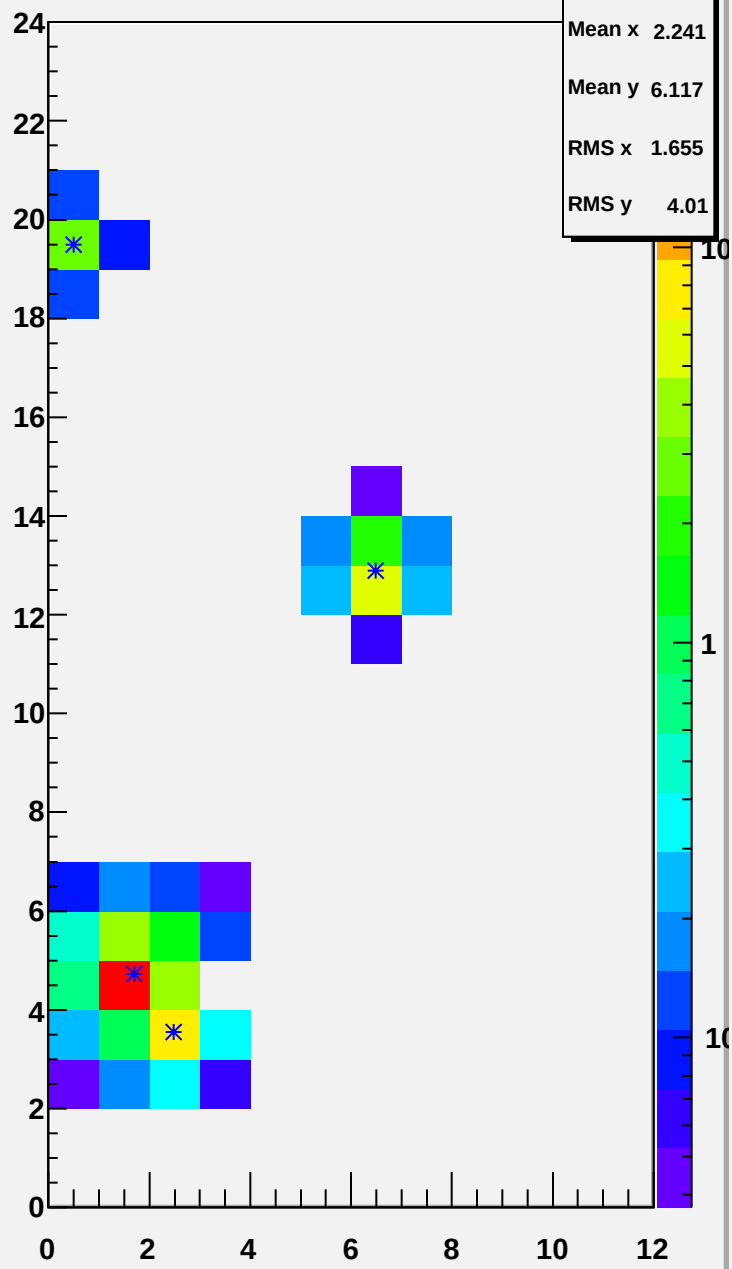
Efit

Entries	288
Mean x	2.077
Mean y	5.504
RMS x	0.6231
RMS y	3.124

NSTB3_r4_c3_En=66.3_m0=0.163 m1=0.163 index=2445



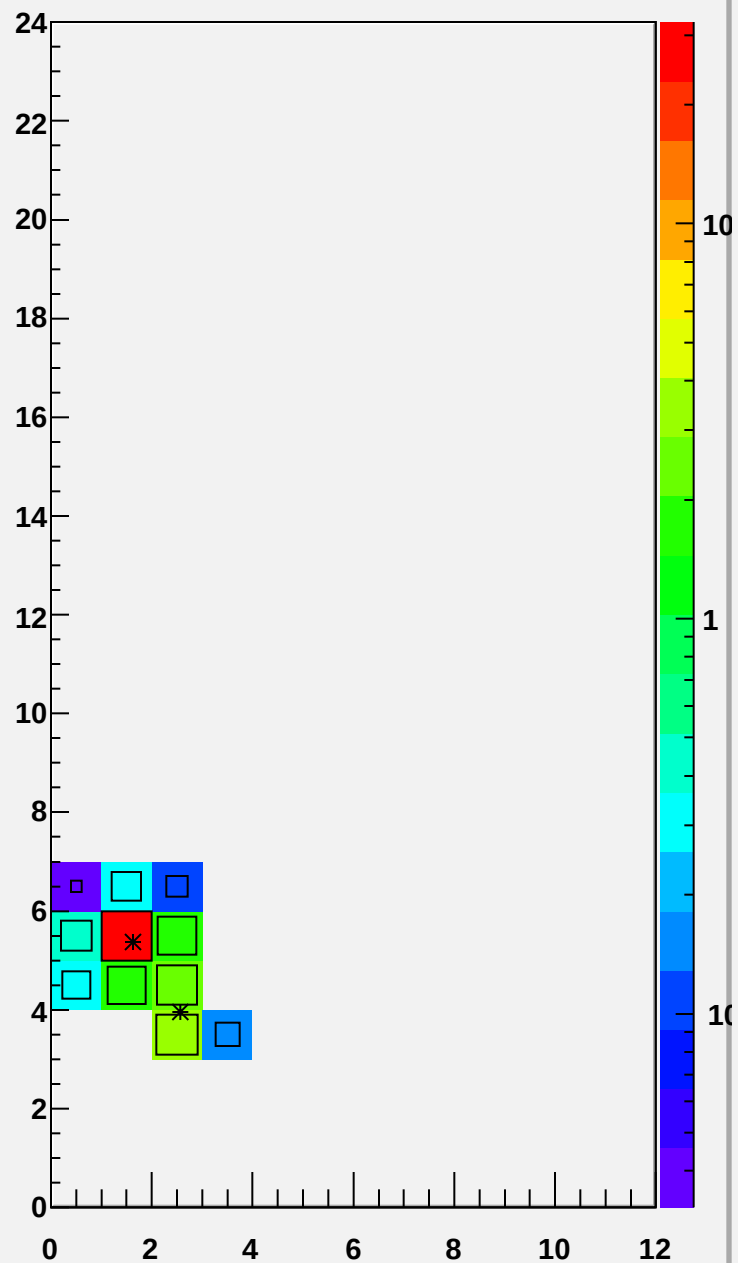
Fitted Energies



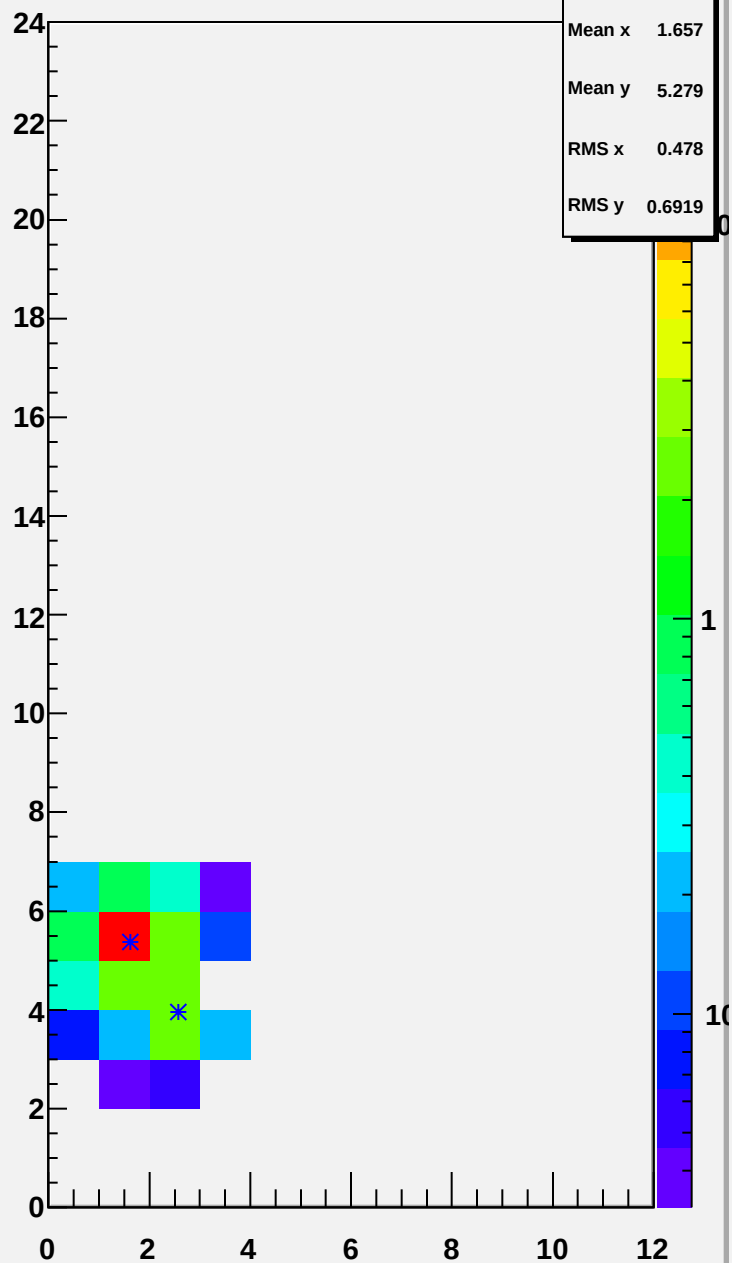
Efit

Entries 288
Mean x 2.241
Mean y 6.117
RMS x 1.655
RMS y 4.01

NSTB3_r4_c3_En=42.7_m0=0.134 m1=0.134 index=2446



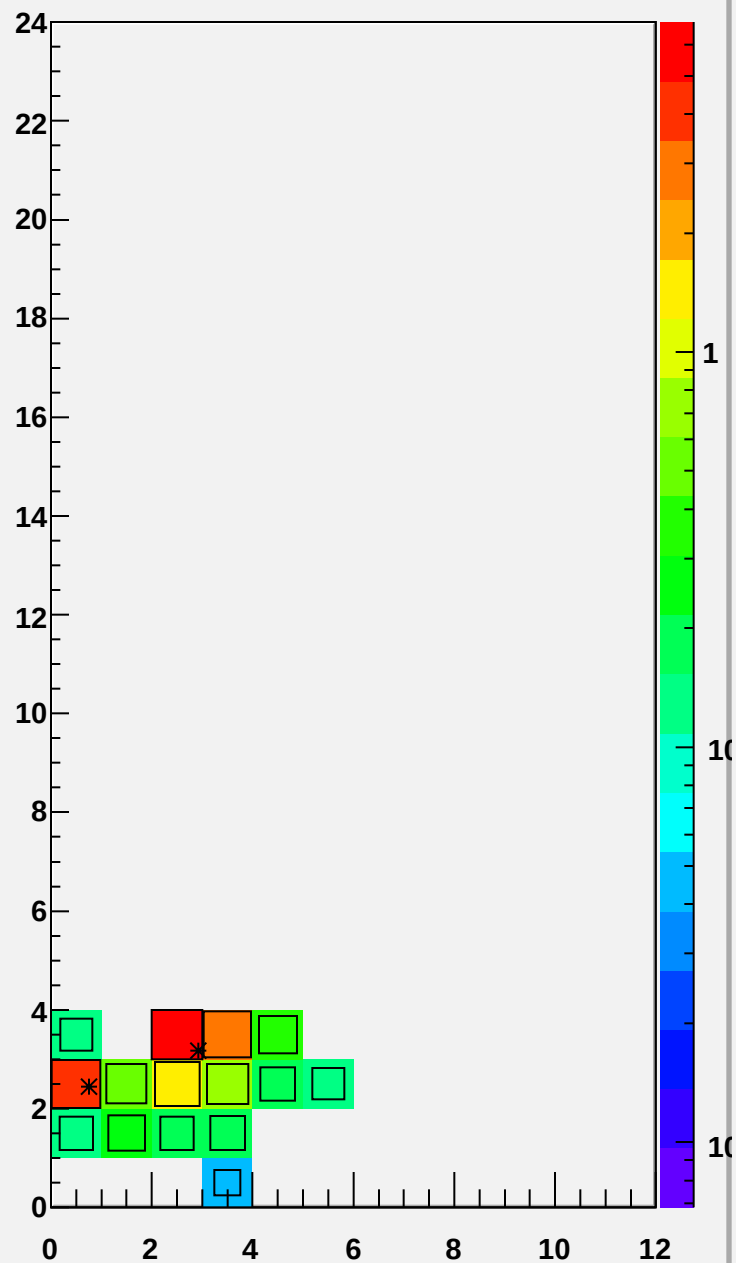
Fitted Energies



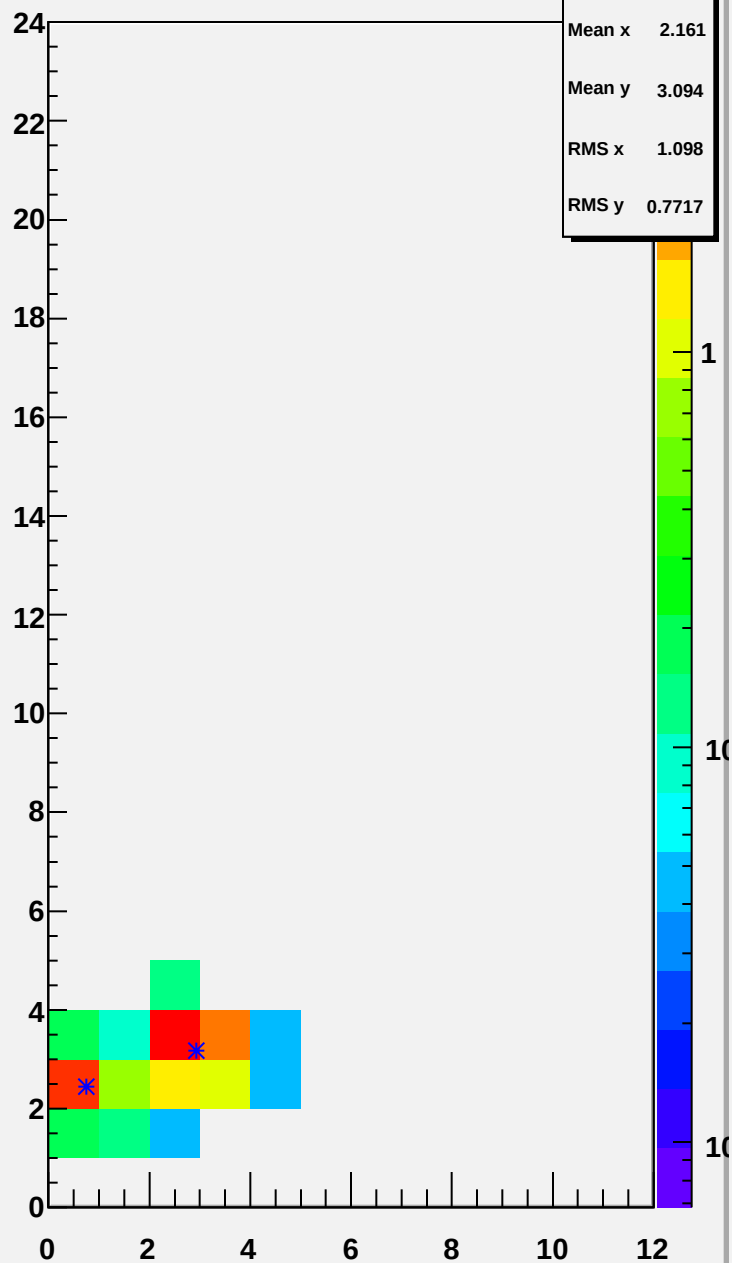
Efit

Entries	288
Mean x	1.657
Mean y	5.279
RMS x	0.478
RMS y	0.6919

NSTB3_r4_c3_En=18.2_m0=0.103 m1=0.103 index=2447



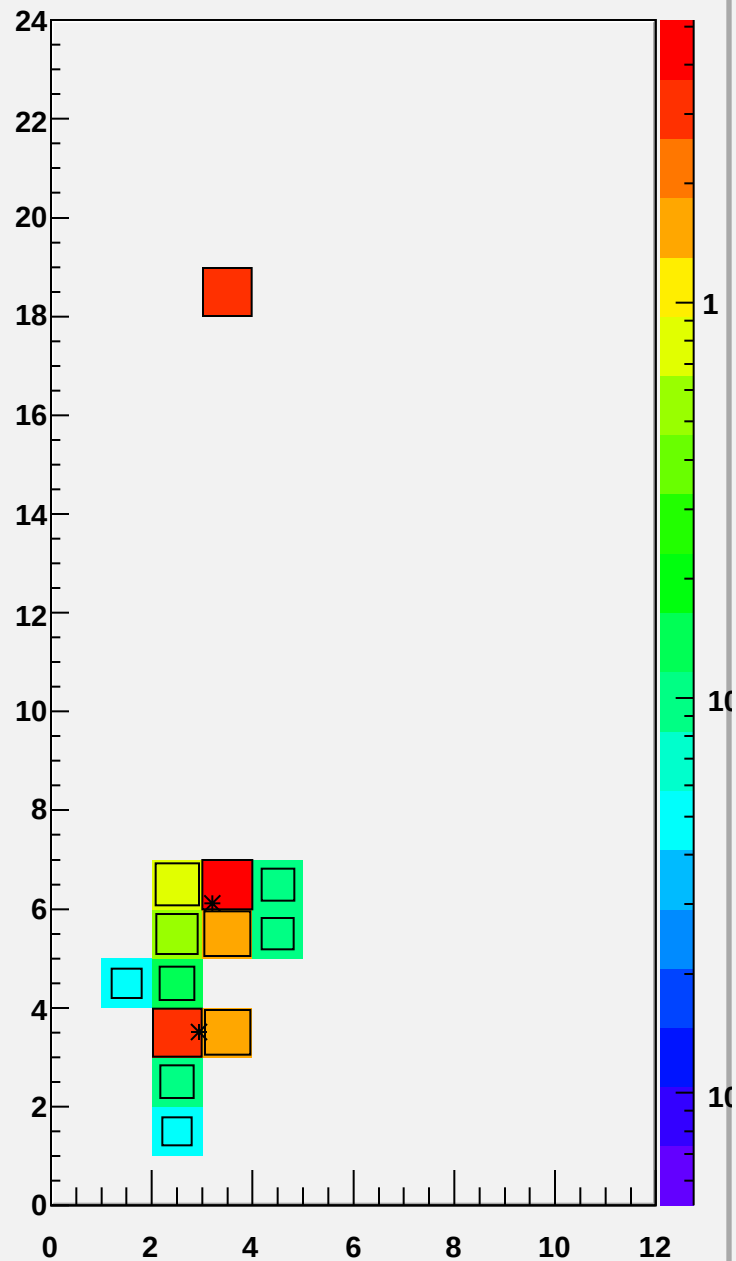
Fitted Energies



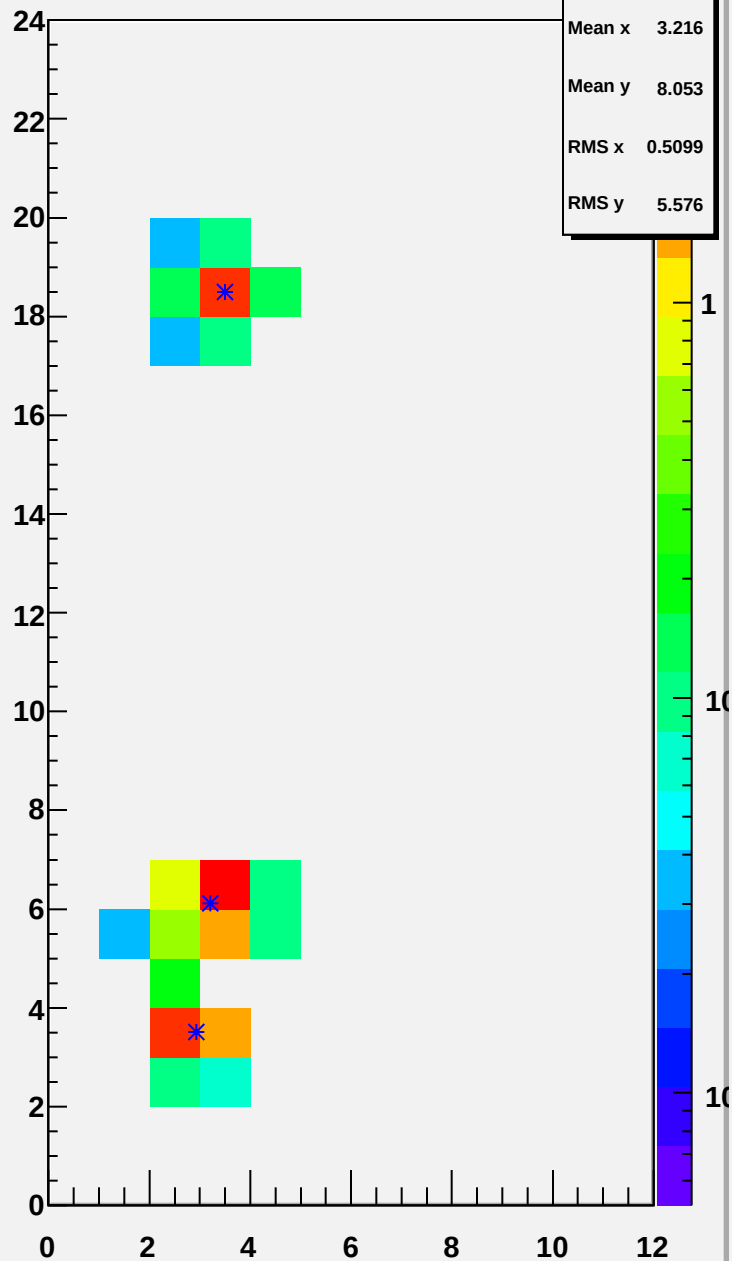
Efit

Entries	288
Mean x	2.161
Mean y	3.094
RMS x	1.098
RMS y	0.7717

NSTB3_r4_c3_En=16.7_m0=0.097 m1=0.097 index=2448



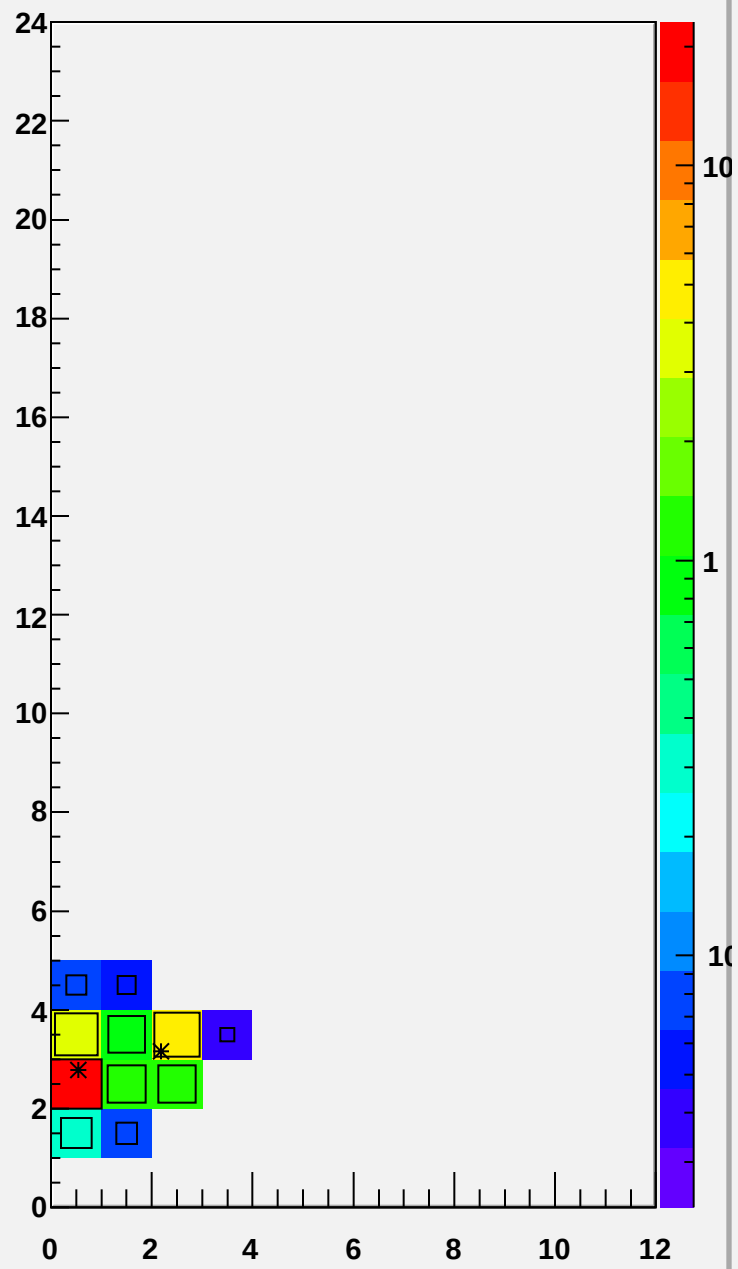
Fitted Energies



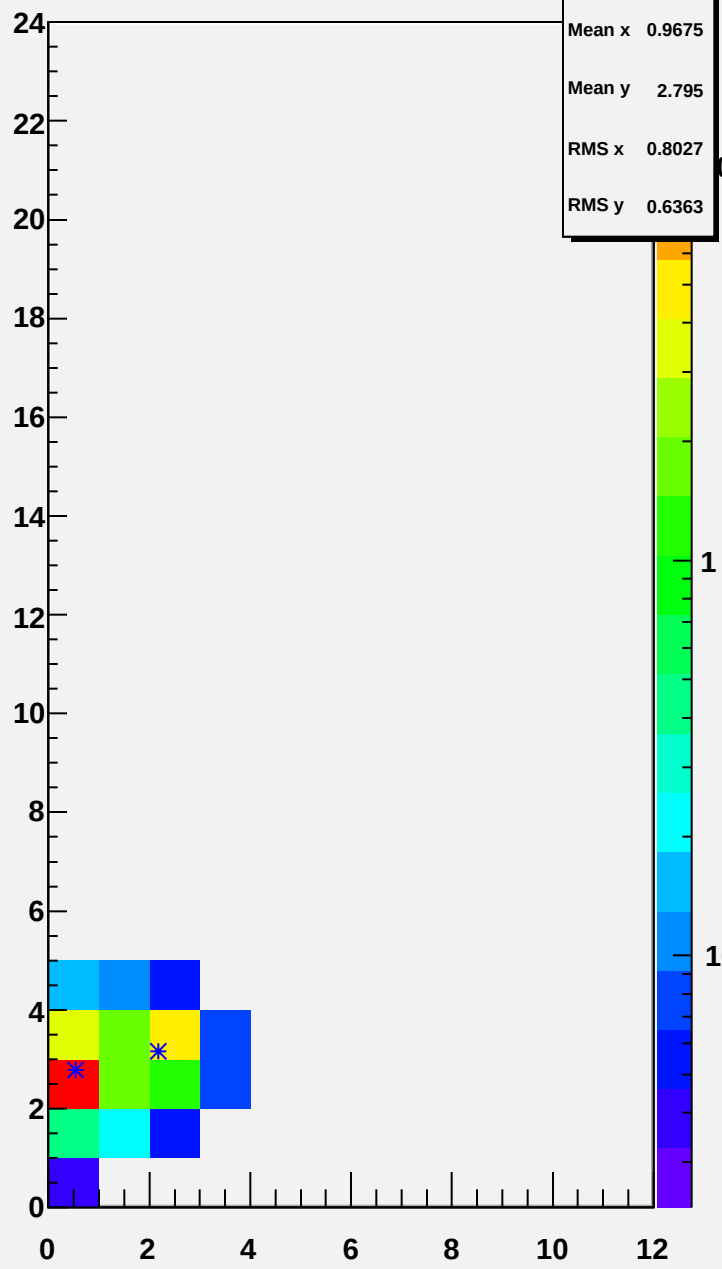
Efit

Entries	288
Mean x	3.216
Mean y	8.053
RMS x	0.5099
RMS y	5.576

NSTB3_r4_c3_En=35.8_m0=0.147 m1=0.147 index=2449



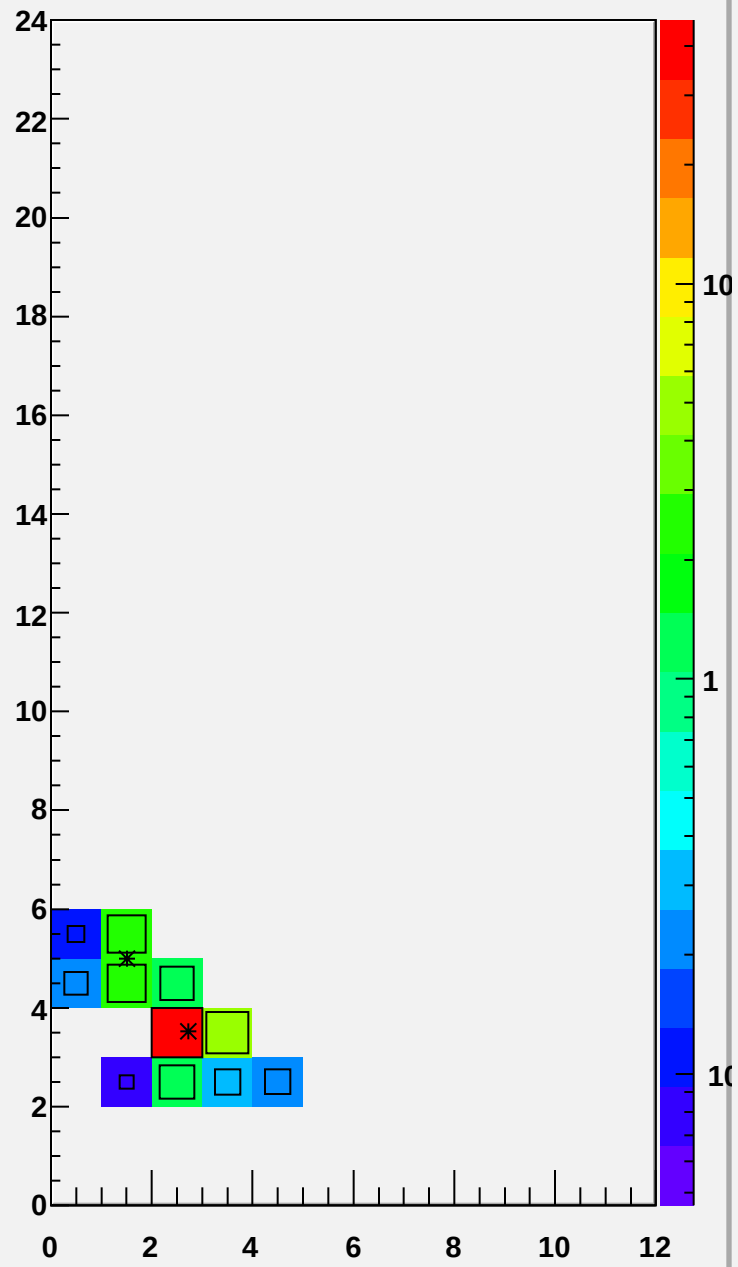
Fitted Energies



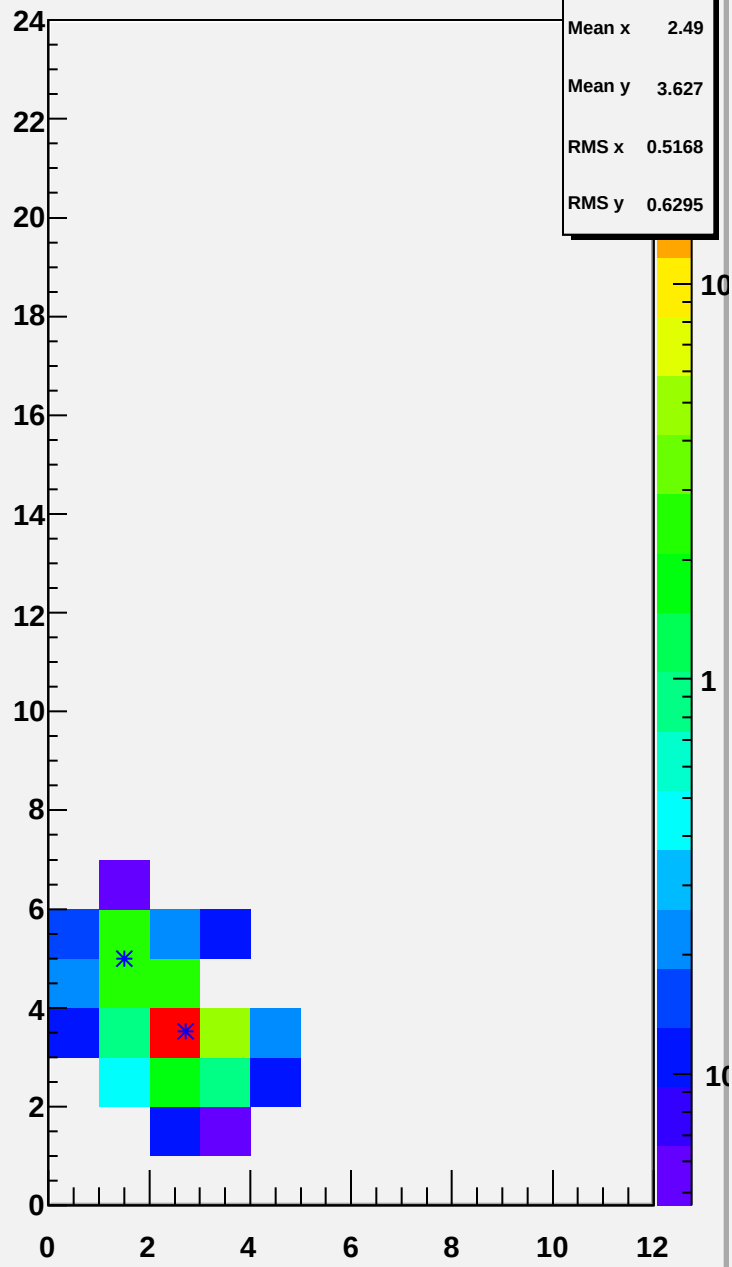
Efit

Entries	288
Mean x	0.9675
Mean y	2.795
RMS x	0.8027
RMS y	0.6363

NSTB3_r4_c3_En=60.0_m0=0.193 m1=0.193 index=2450



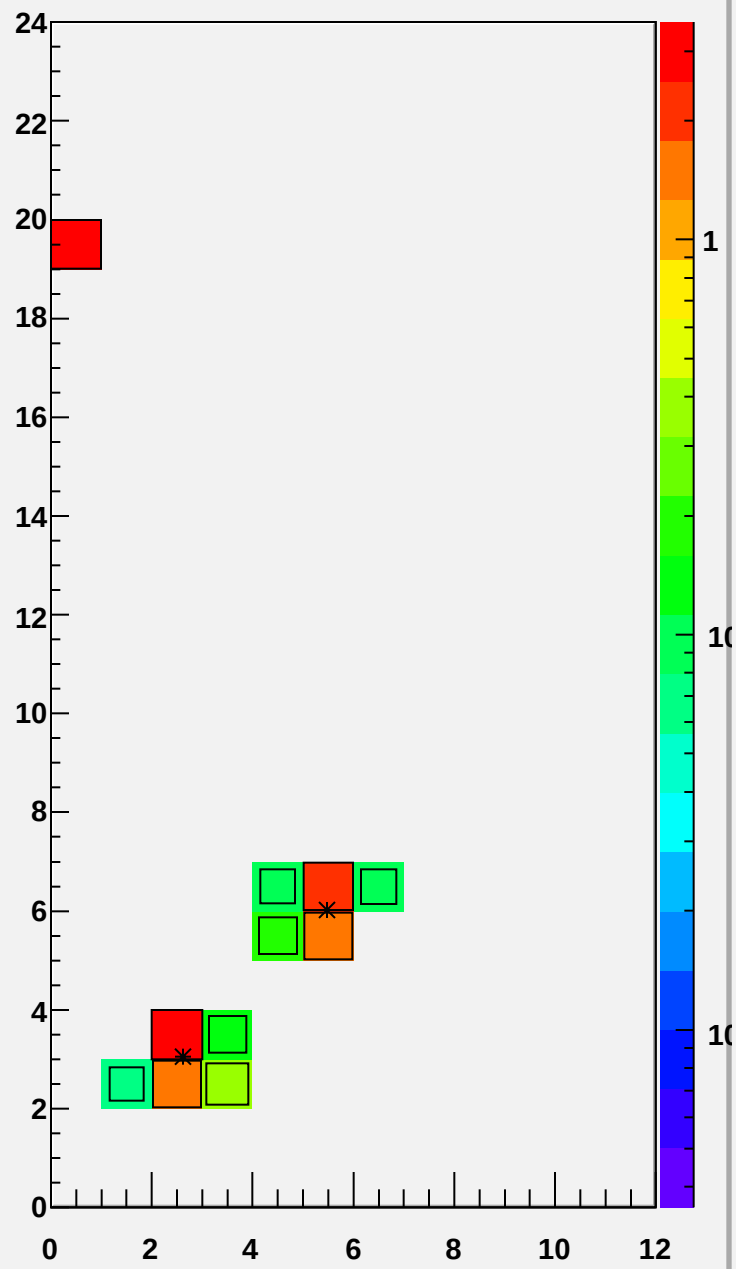
Fitted Energies



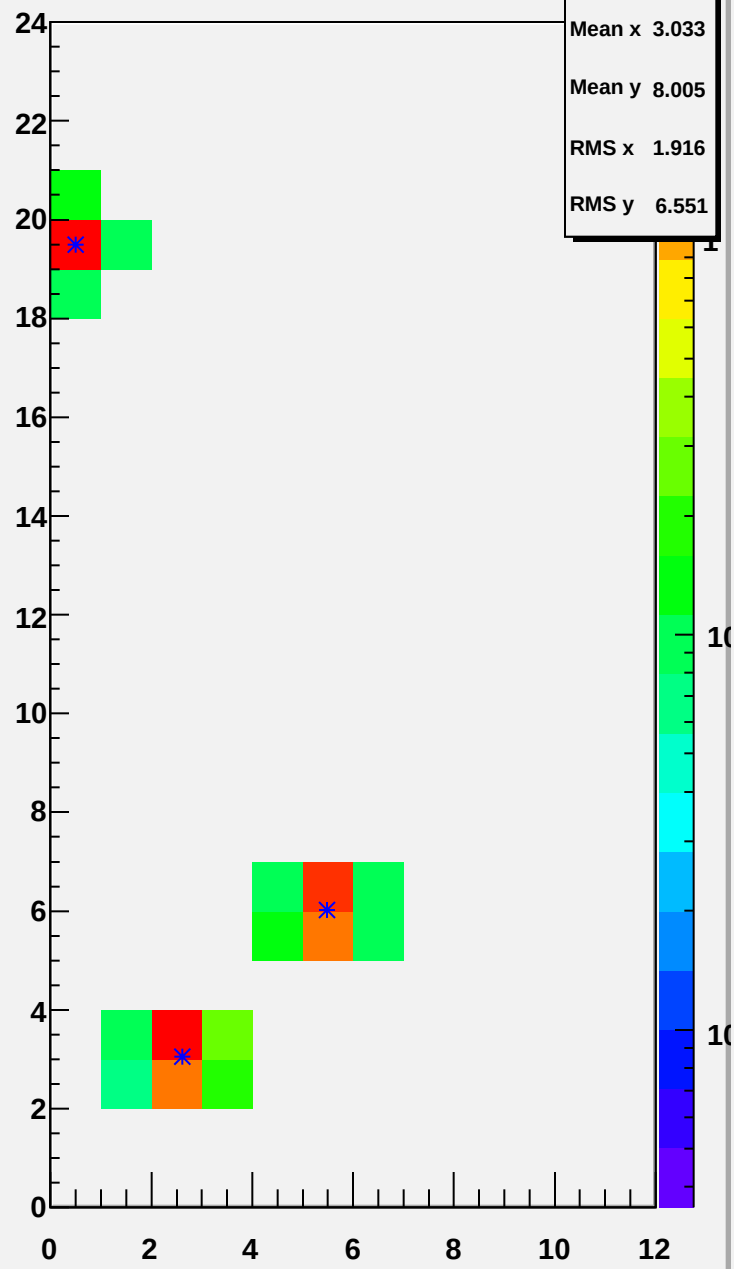
Efit

Entries	288
Mean x	2.49
Mean y	3.627
RMS x	0.5168
RMS y	0.6295

NSTB3_r4_c3_En=13.6_m0=0.124_m1=0.124_index=2451



Fitted Energies



Efit

Entries 288

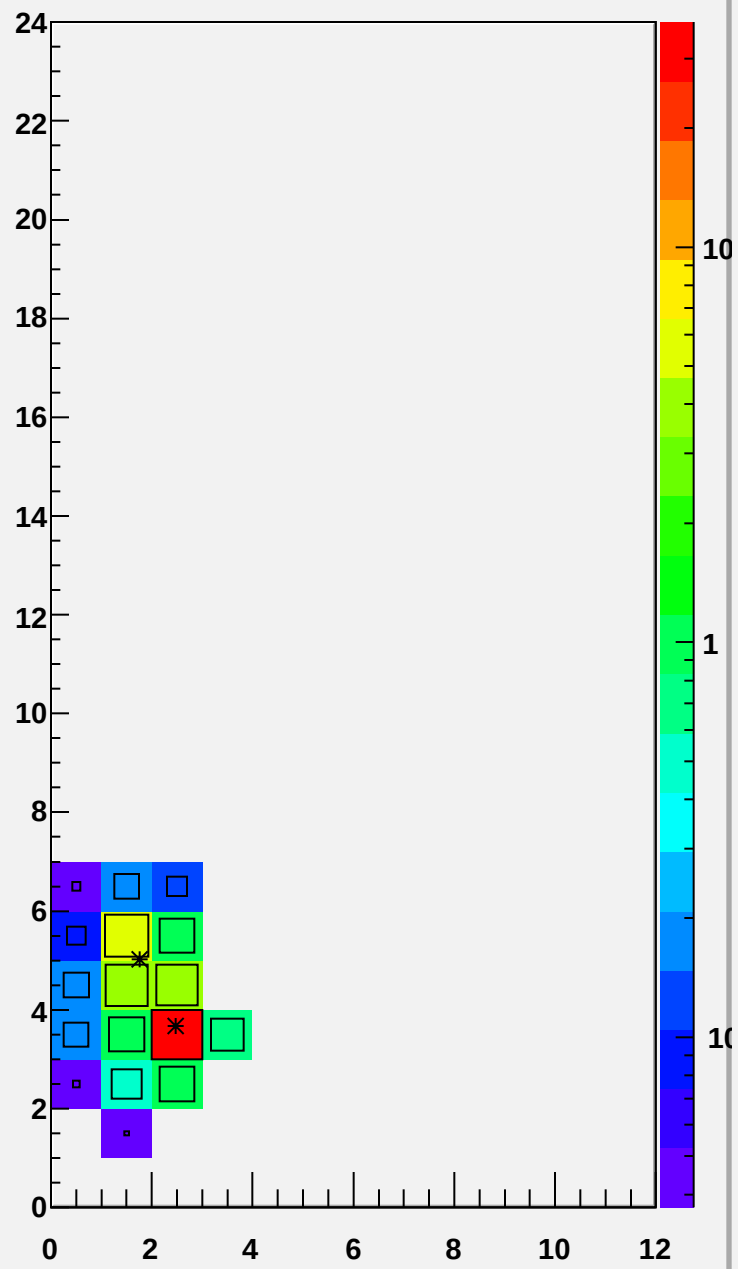
Mean x 3.033

Mean y 8.005

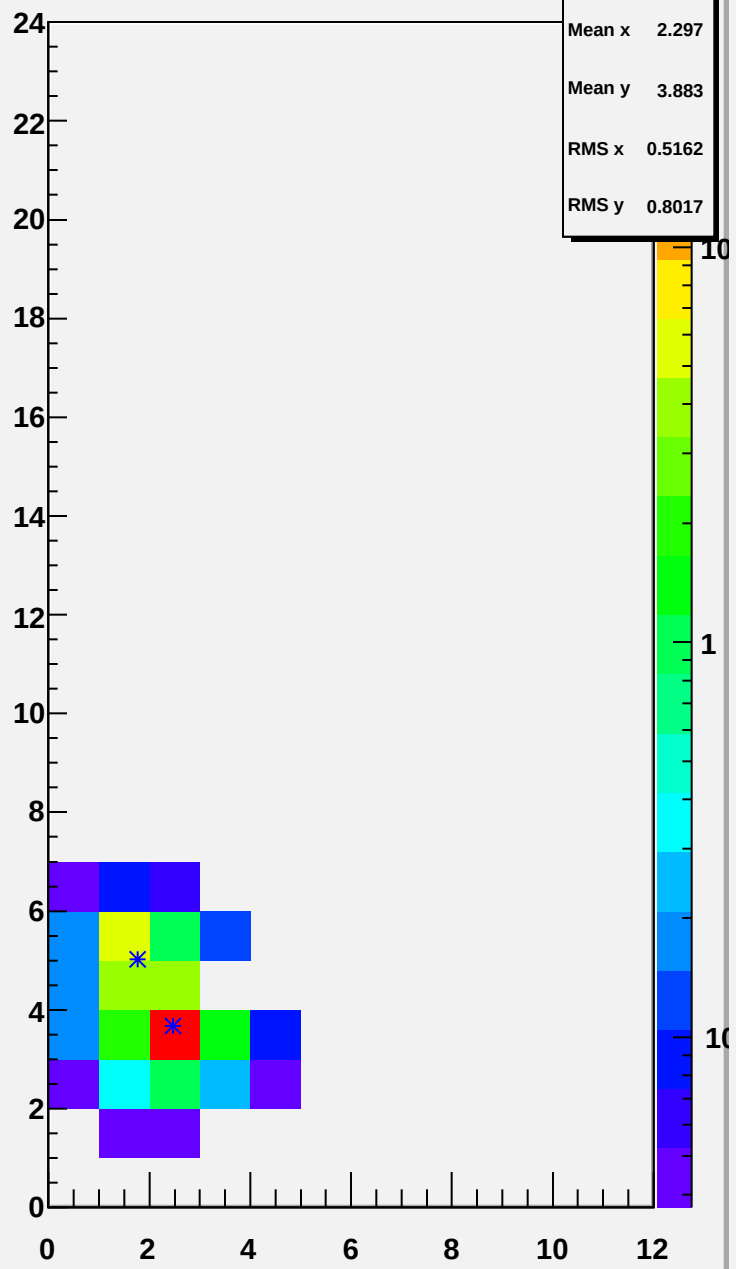
RMS x 1.916

RMS y 6.551

NSTB3_r4_c3_En=56.3_m0=0.197 m1=0.198 index=2452



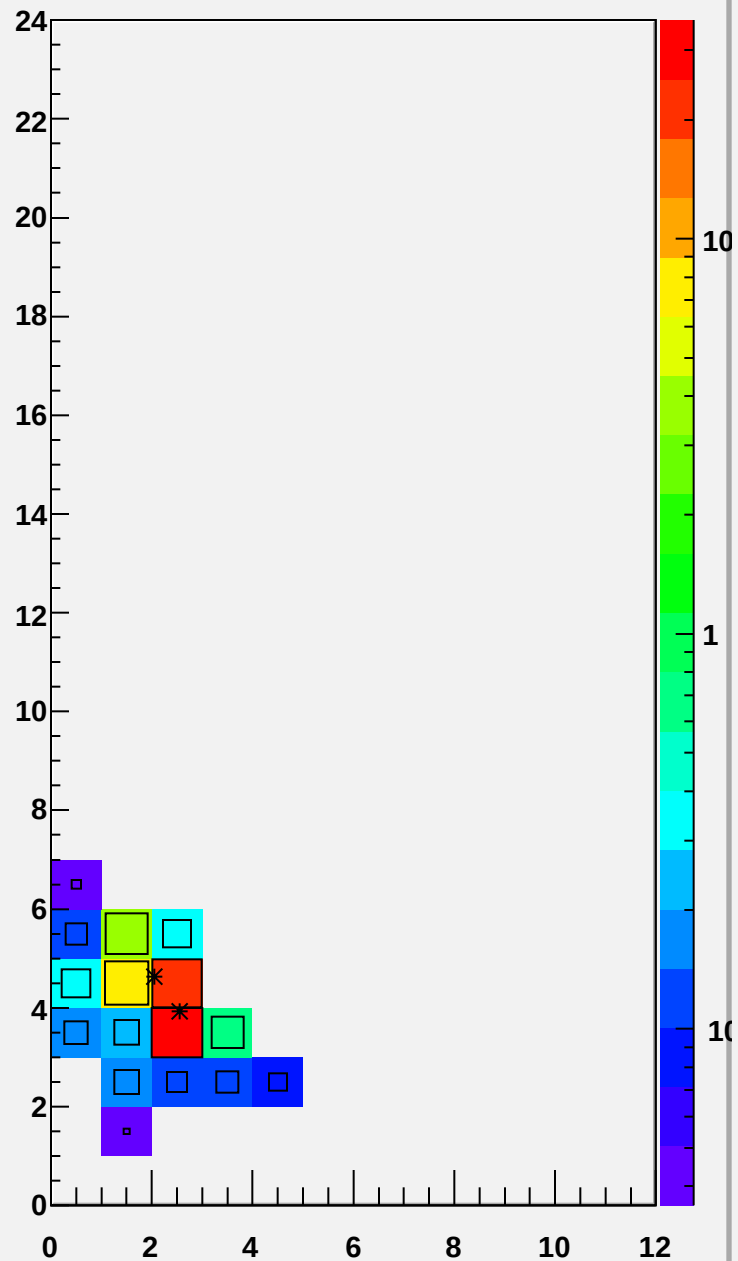
Fitted Energies



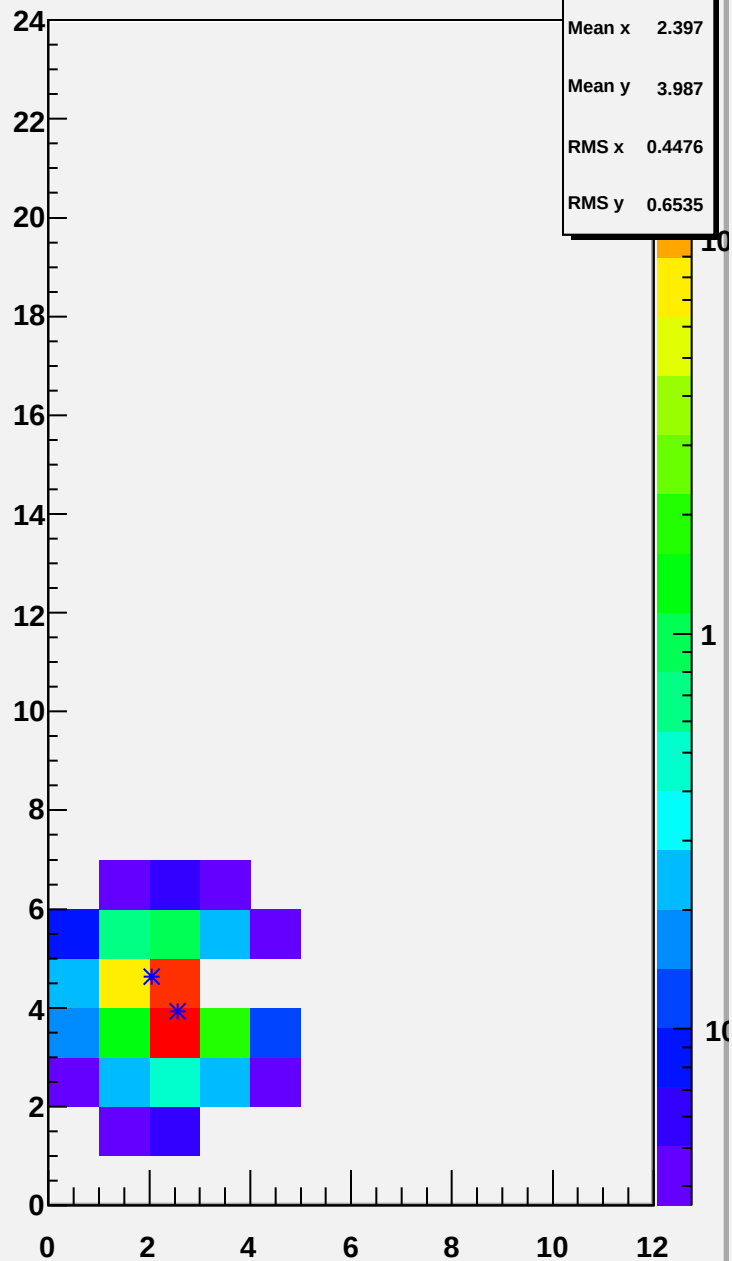
Efit

Entries	288
Mean x	2.297
Mean y	3.883
RMS x	0.5162
RMS y	0.8017

NSTB3_r4_c3_En=73.6_m0=0.148 m1=0.148 index=2453



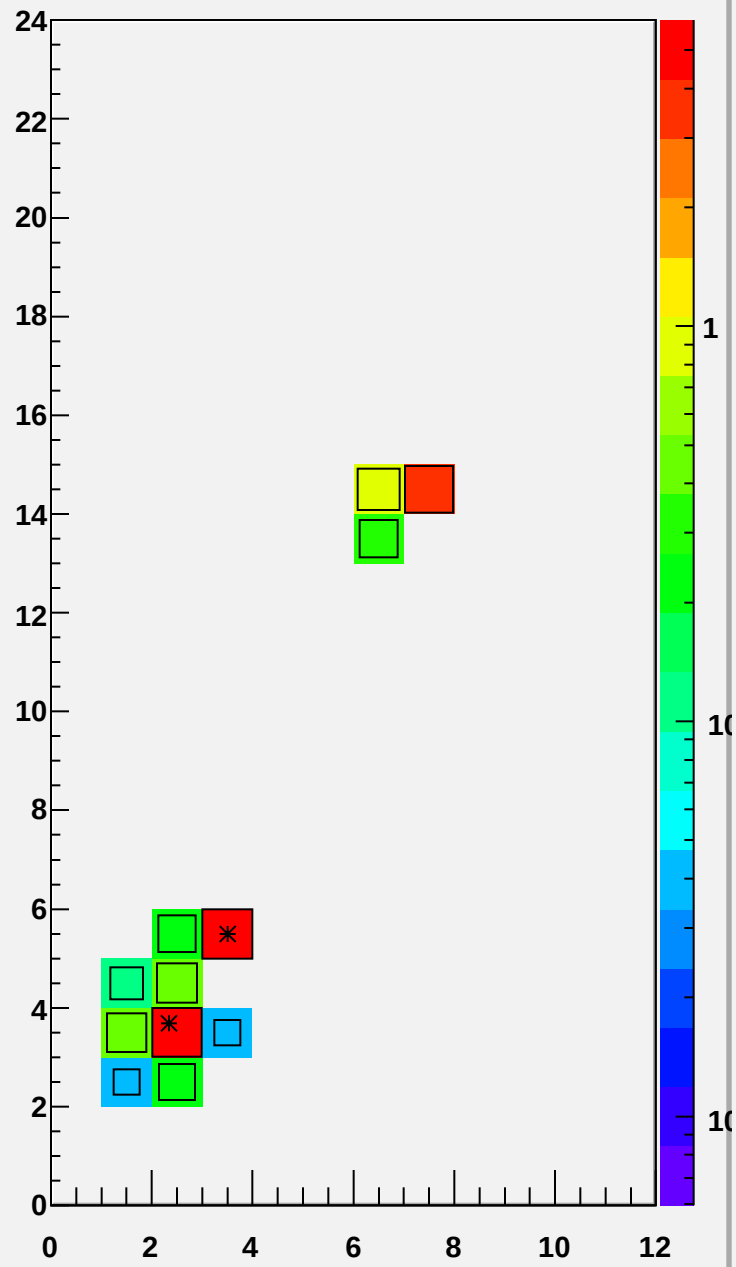
Fitted Energies



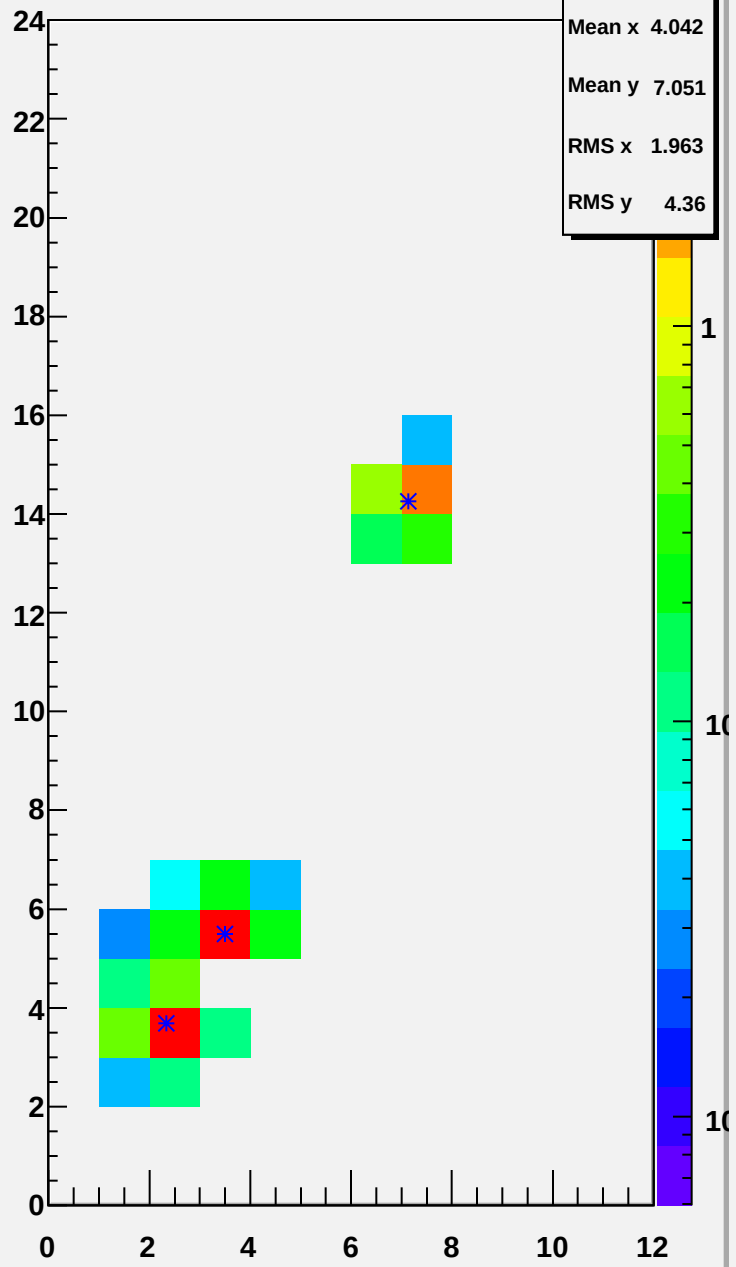
Efit

Entries	288
Mean x	2.397
Mean y	3.987
RMS x	0.4476
RMS y	0.6535

NSTB3_r4_c3_En=16.7_m0=0.079 m1=0.079 index=2454



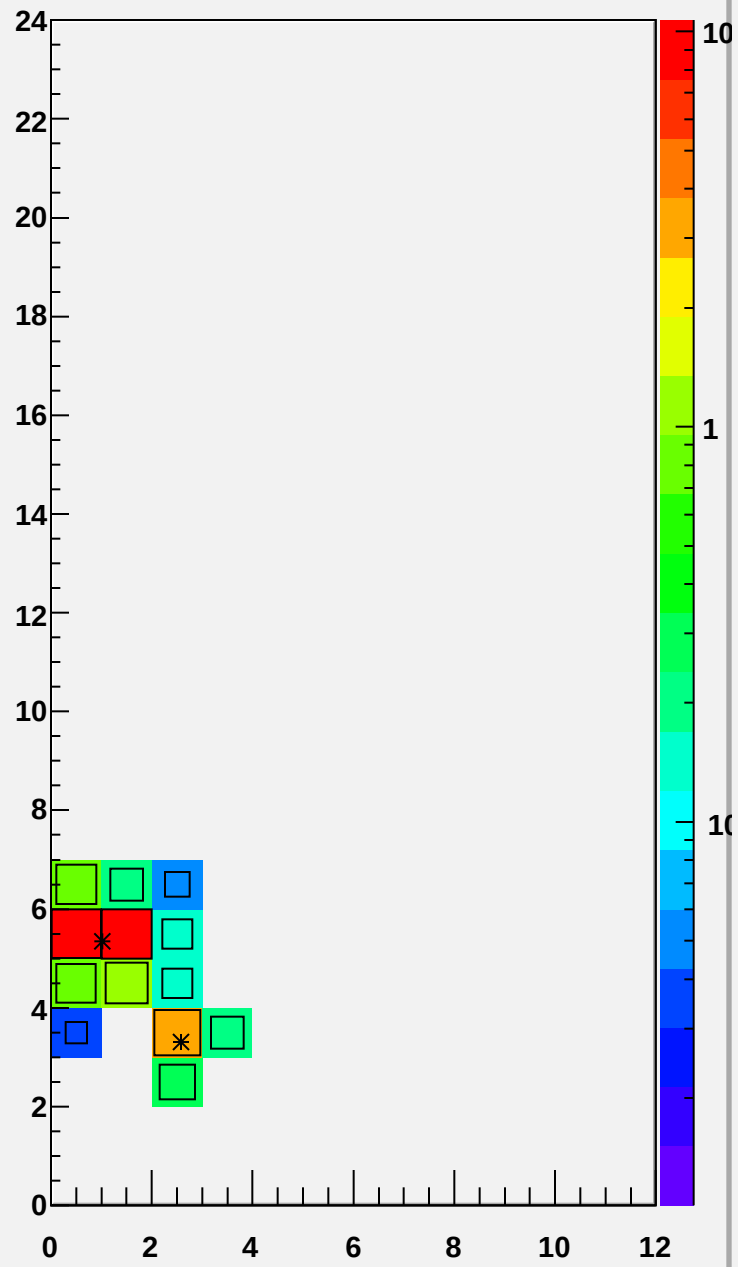
Fitted Energies



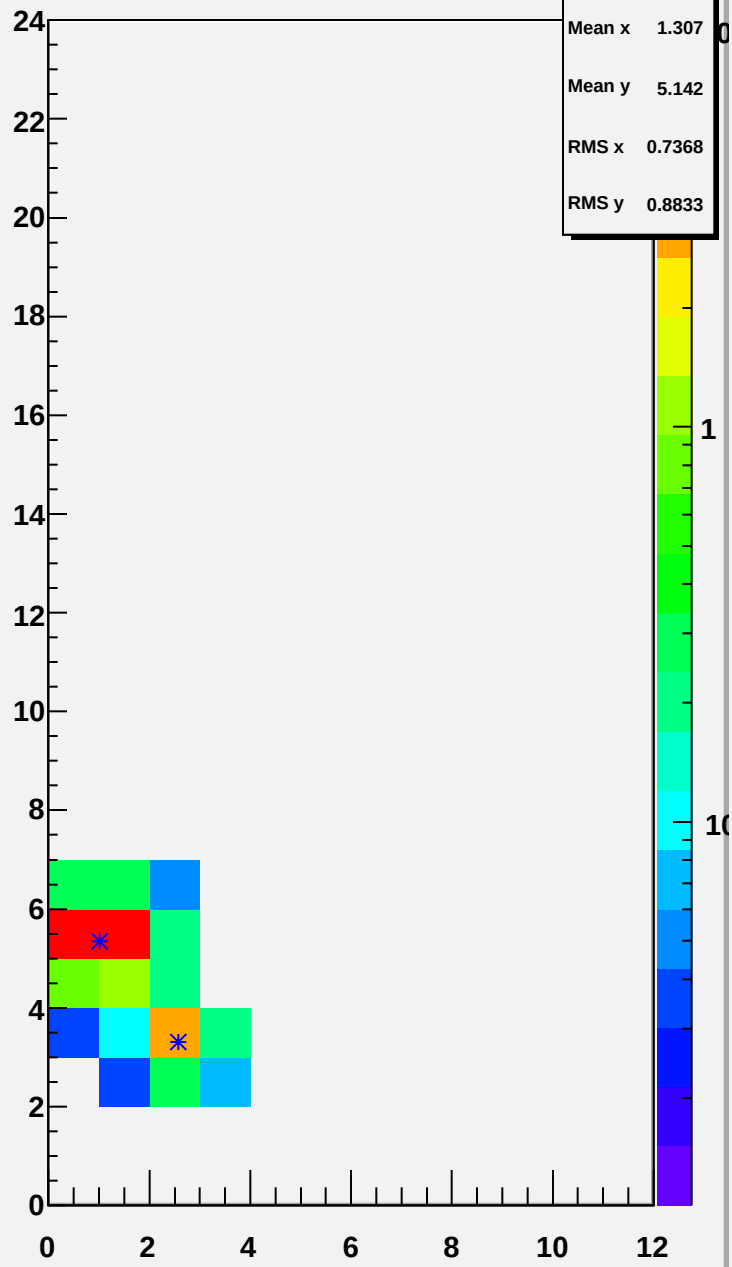
Efit

Entries 288
Mean x 4.042
Mean y 7.051
RMS x 1.963
RMS y 4.36

NSTB3_r4_c3_En=26.3_m0=0.137 m1=0.136 index=2456



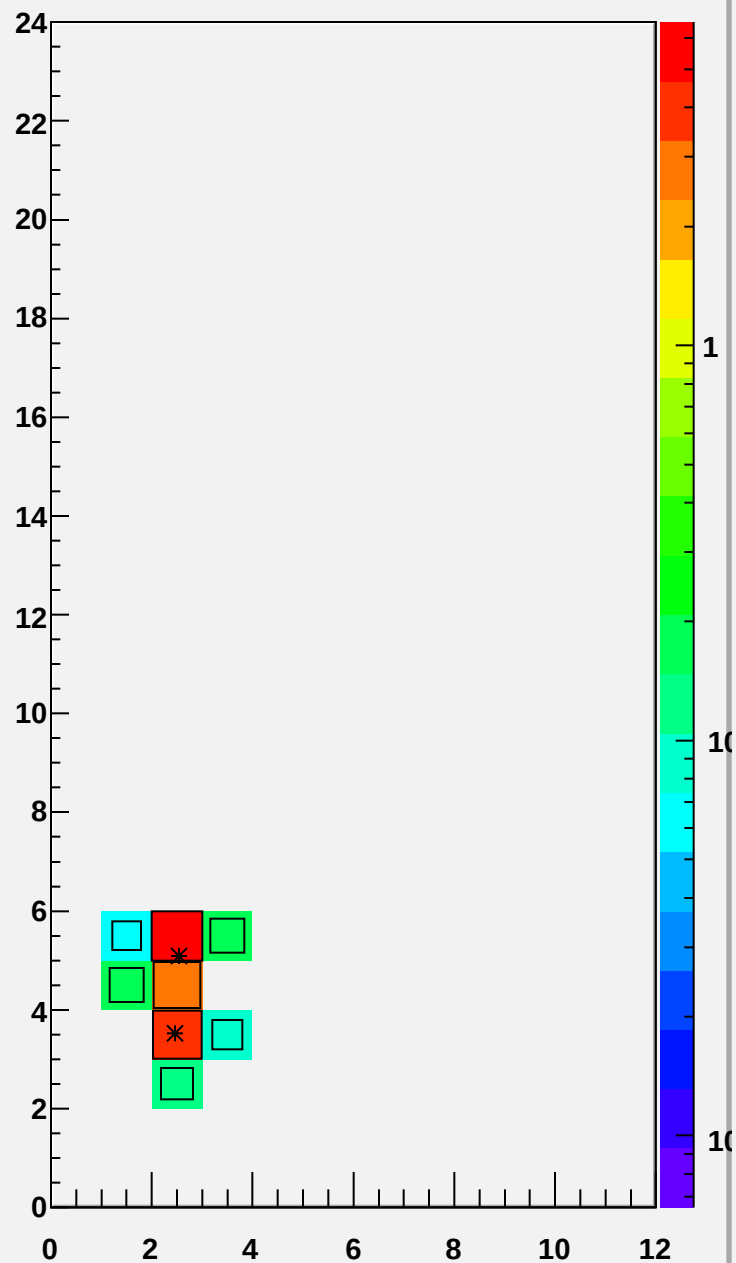
Fitted Energies



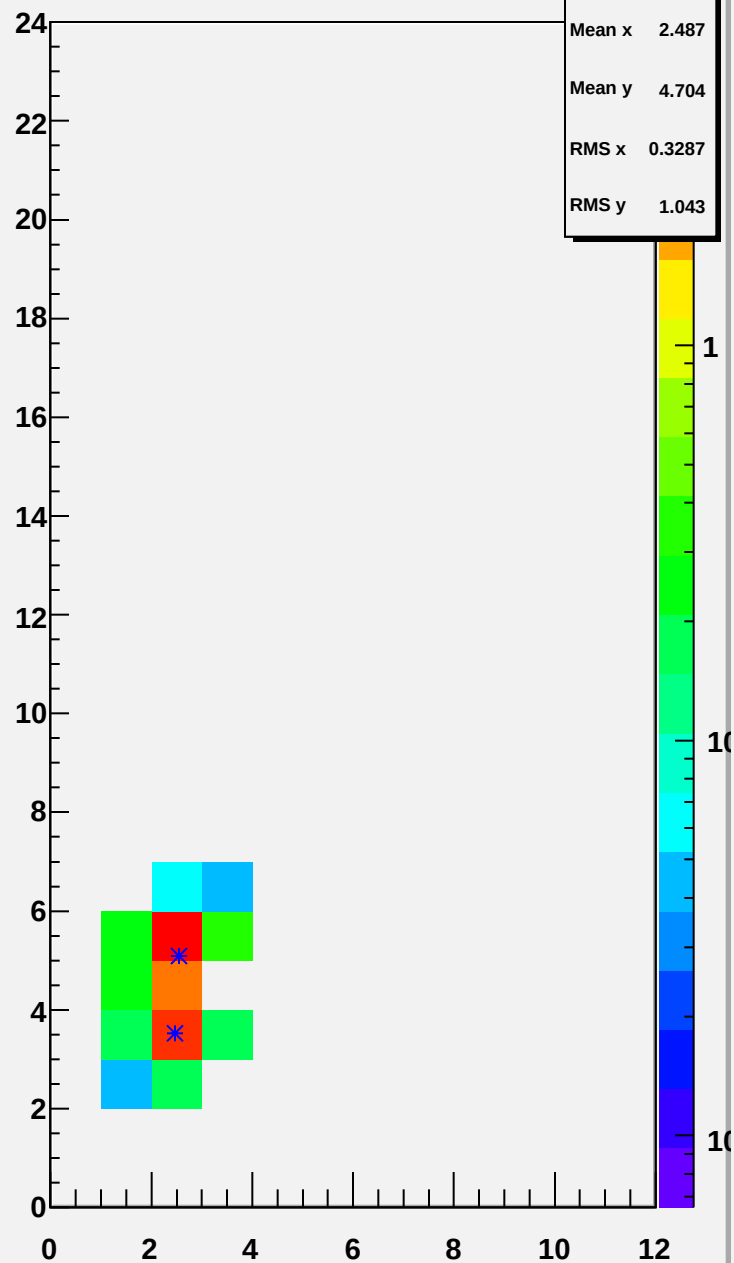
Efit

Entries	288
Mean x	1.307
Mean y	5.142
RMS x	0.7368
RMS y	0.8833

NSTB3_r4_c3_En=13.8_m0=0.061 m1=0.061 index=2457



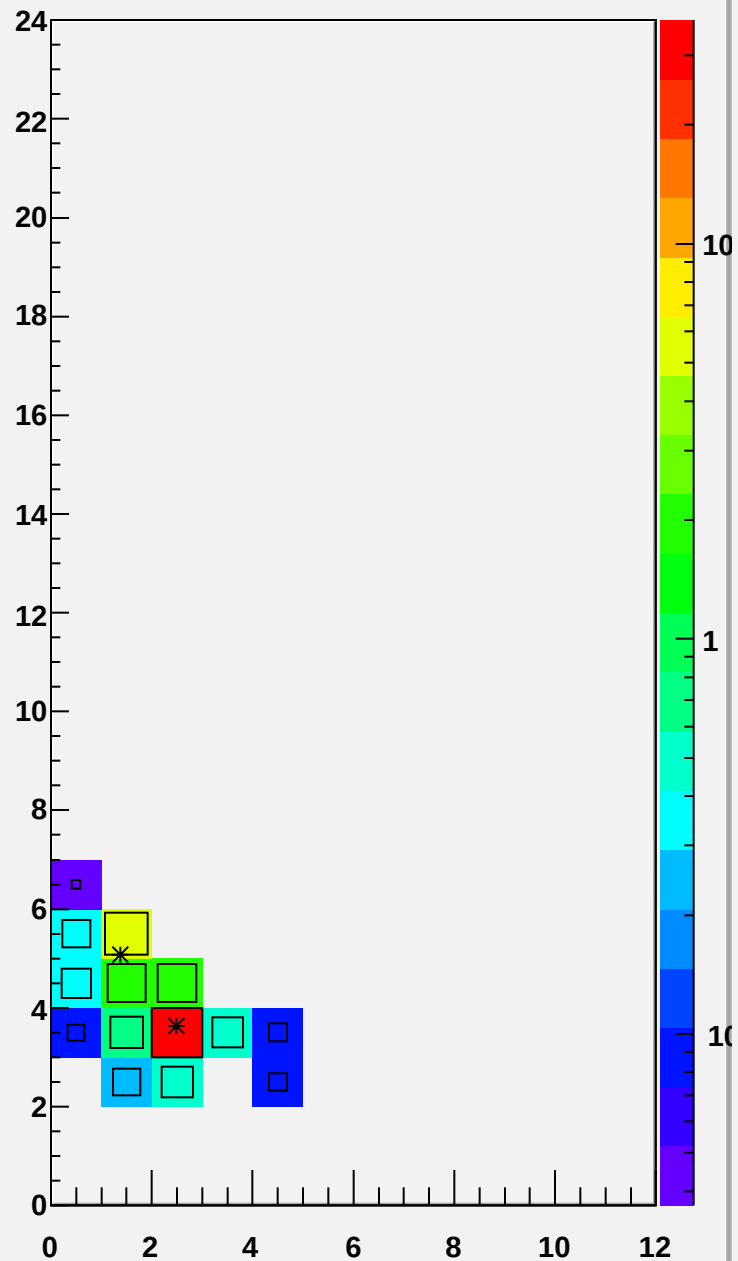
Fitted Energies



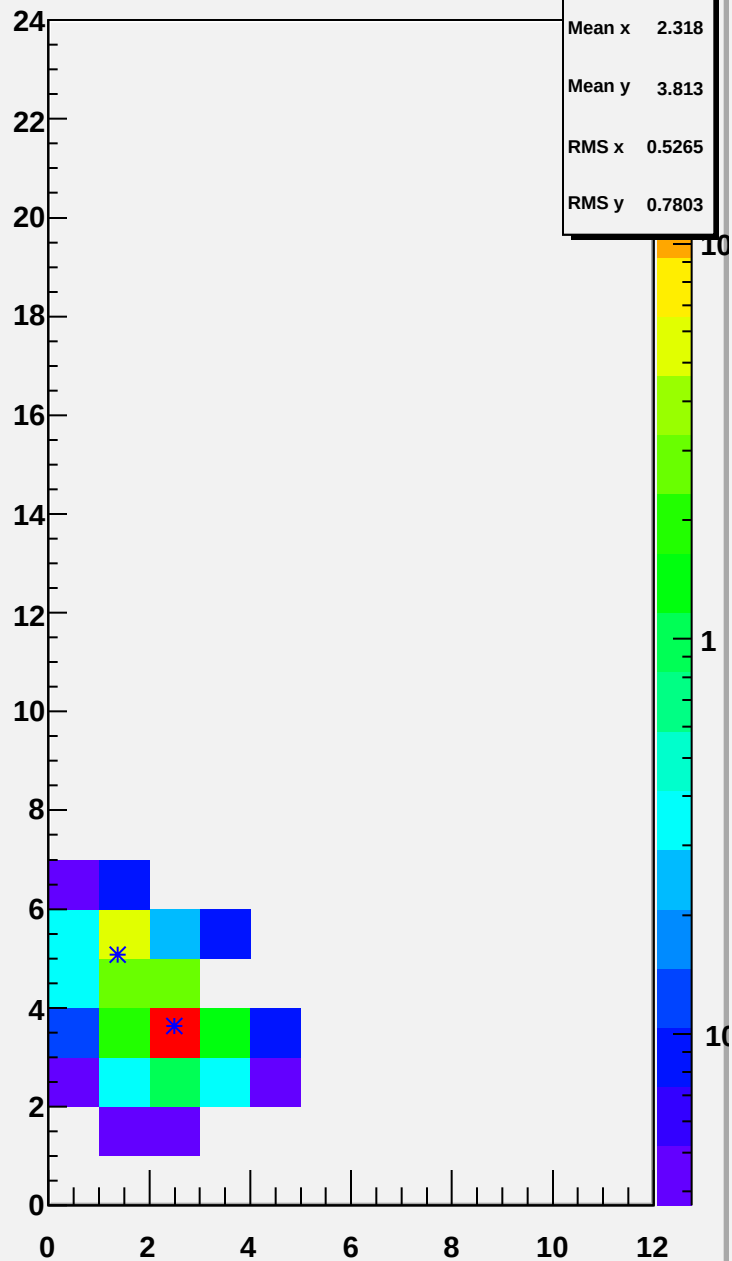
Efit

Entries	288
Mean x	2.487
Mean y	4.704
RMS x	0.3287
RMS y	1.043

NSTB3_r4_c3_En=49.2_m0=0.197 m1=0.196 index=2458



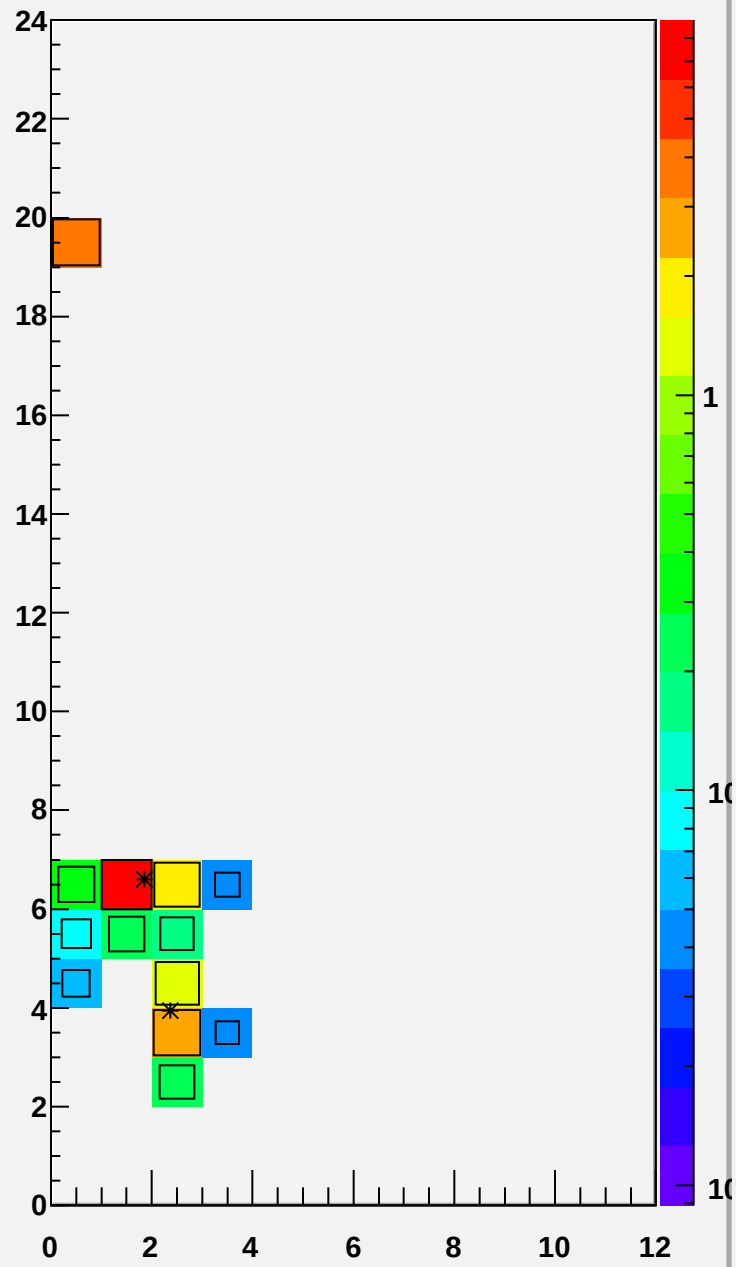
Fitted Energies



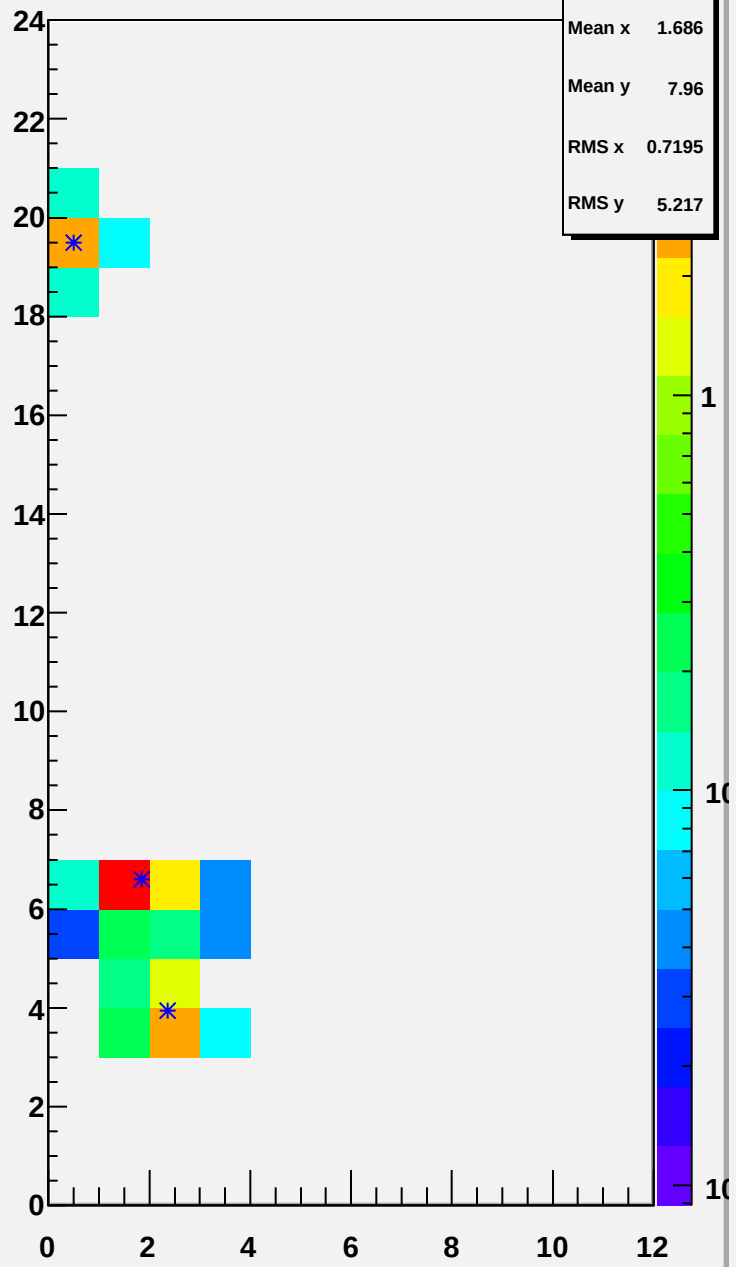
Efit

Entries	288
Mean x	2.318
Mean y	3.813
RMS x	0.5265
RMS y	0.7803

NSTB3_r4_c3_En=19.9_m0=0.120 m1=0.120 index=2460



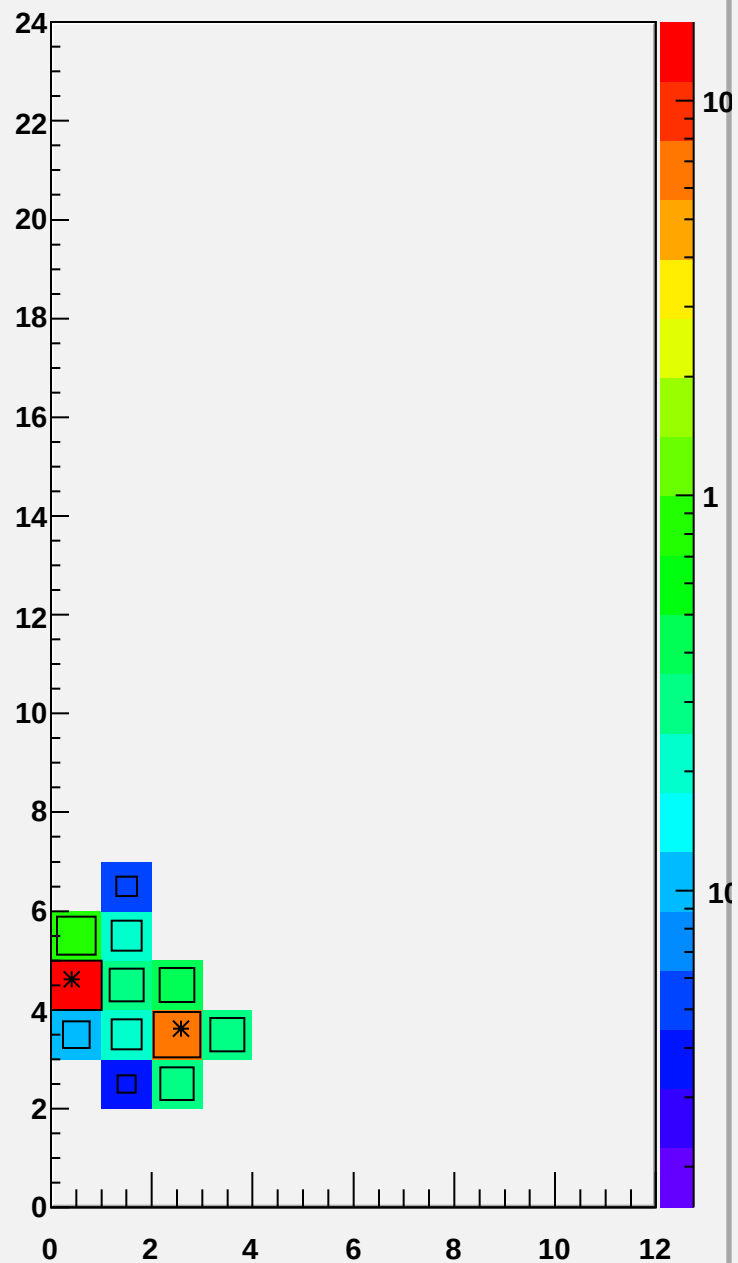
Fitted Energies



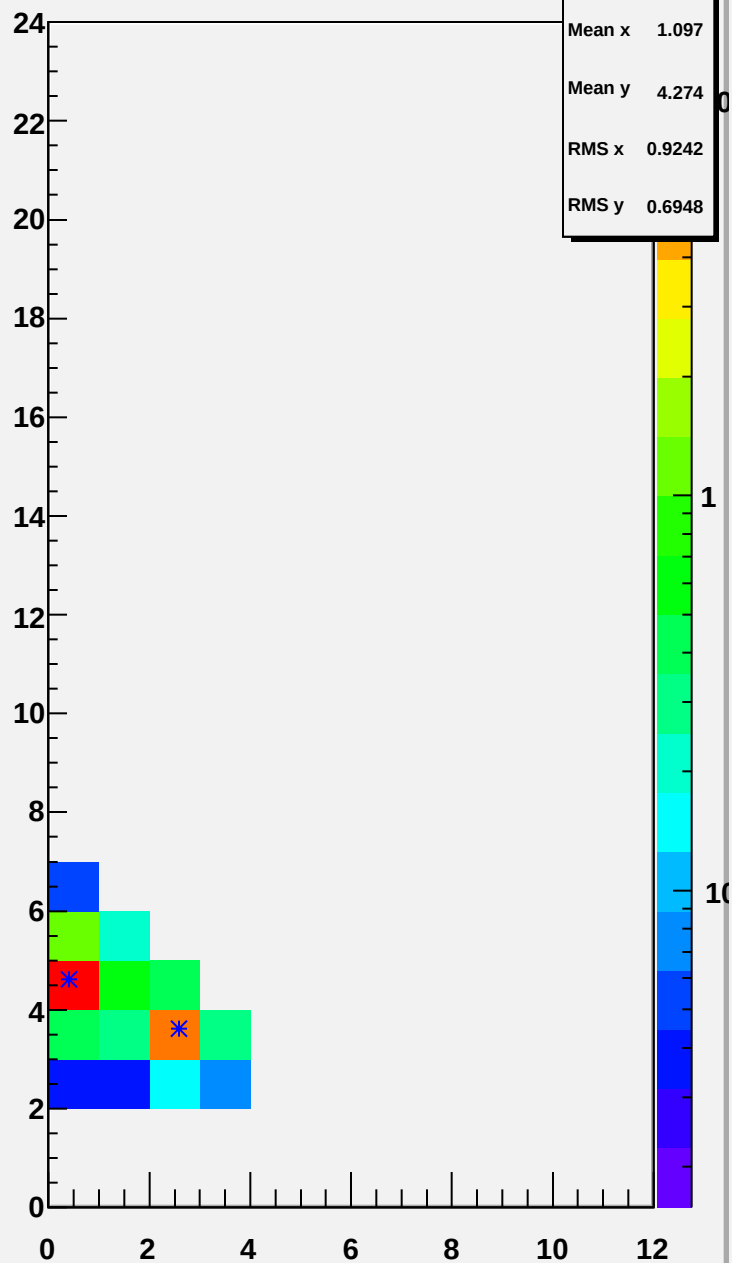
Efit

Entries	288
Mean x	1.686
Mean y	7.96
RMS x	0.7195
RMS y	5.217

NSTB3_r4_c3_En=24.3_m0=0.151 m1=0.151 index=2461



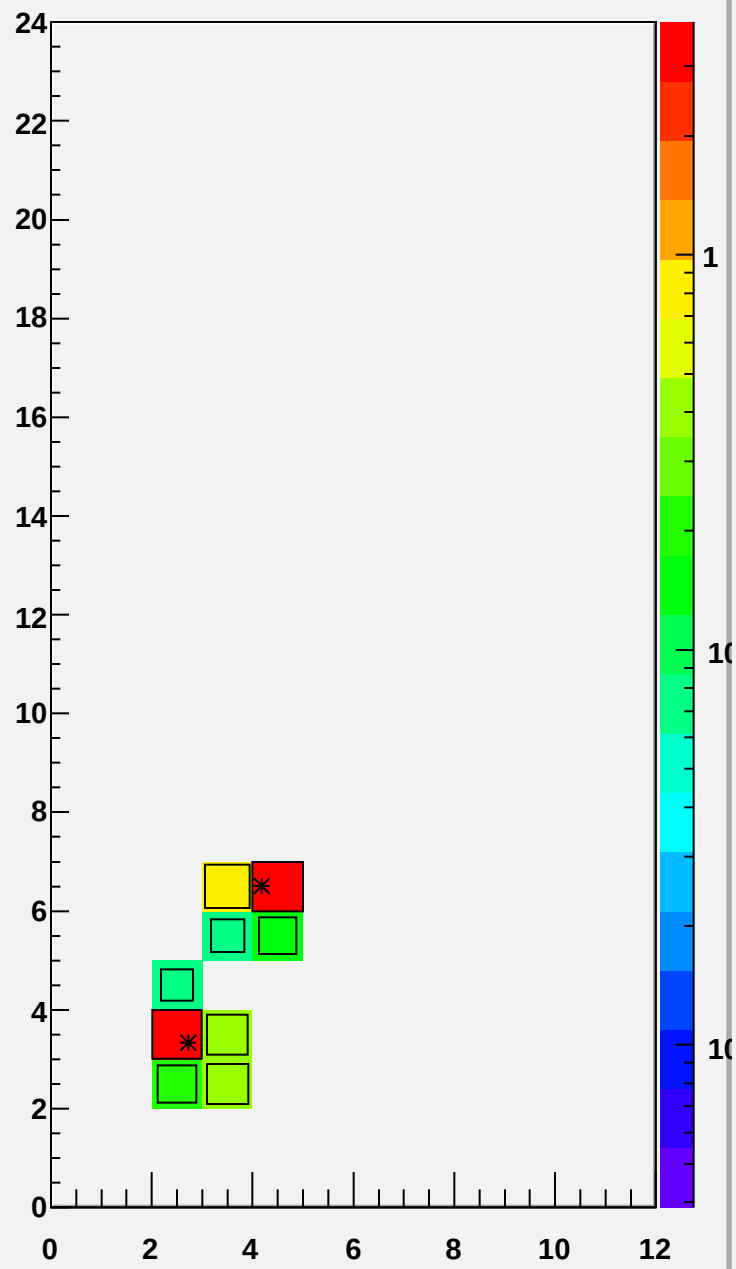
Fitted Energies



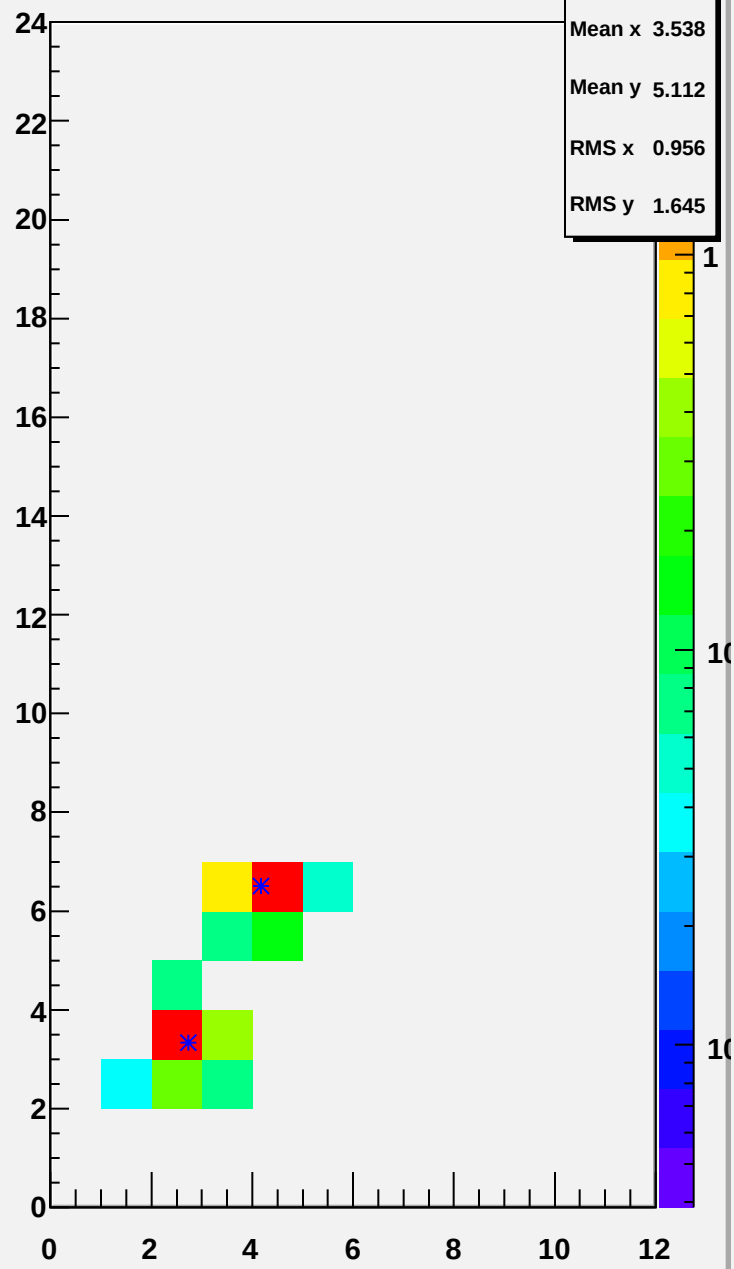
Efit

Entries	288
Mean x	1.097
Mean y	4.274
RMS x	0.9242
RMS y	0.6948

NSTB3_r4_c3_En= 9.3_m0=0.093 m1=0.093 index=2462



Fitted Energies



Efit

Entries 288

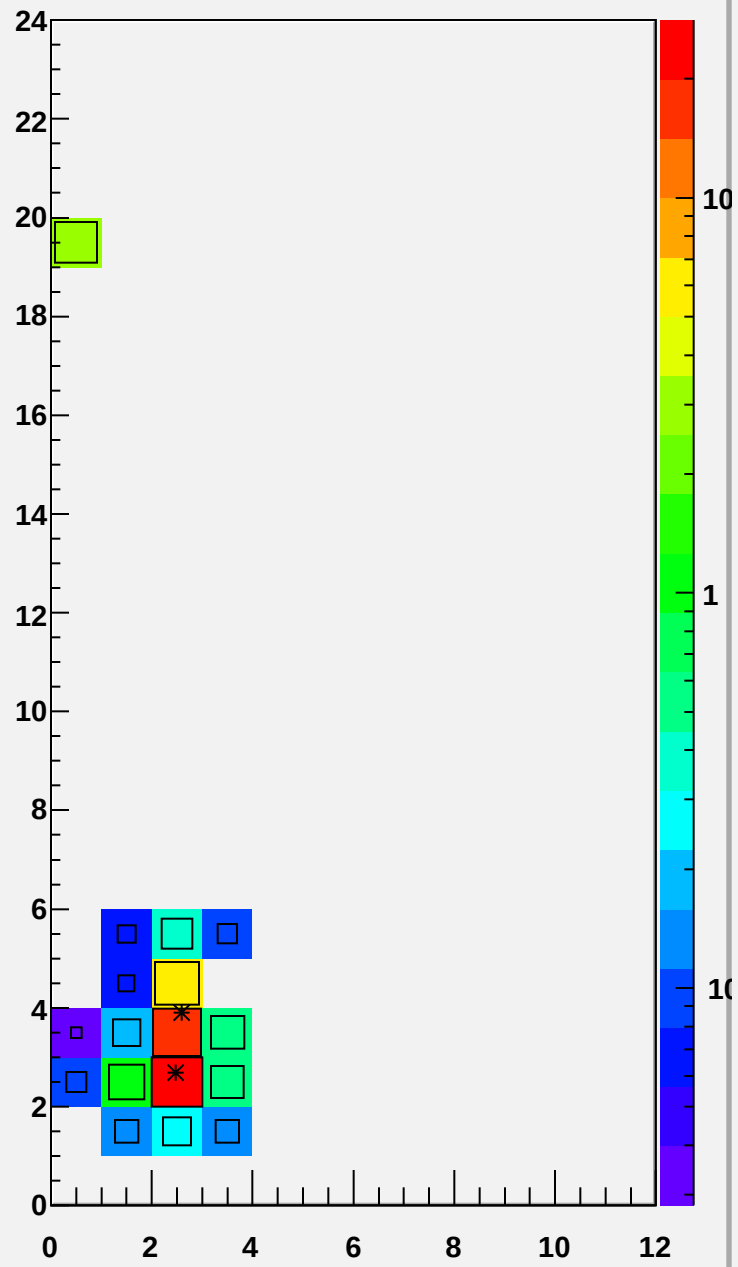
Mean x 3.538

Mean y 5.112

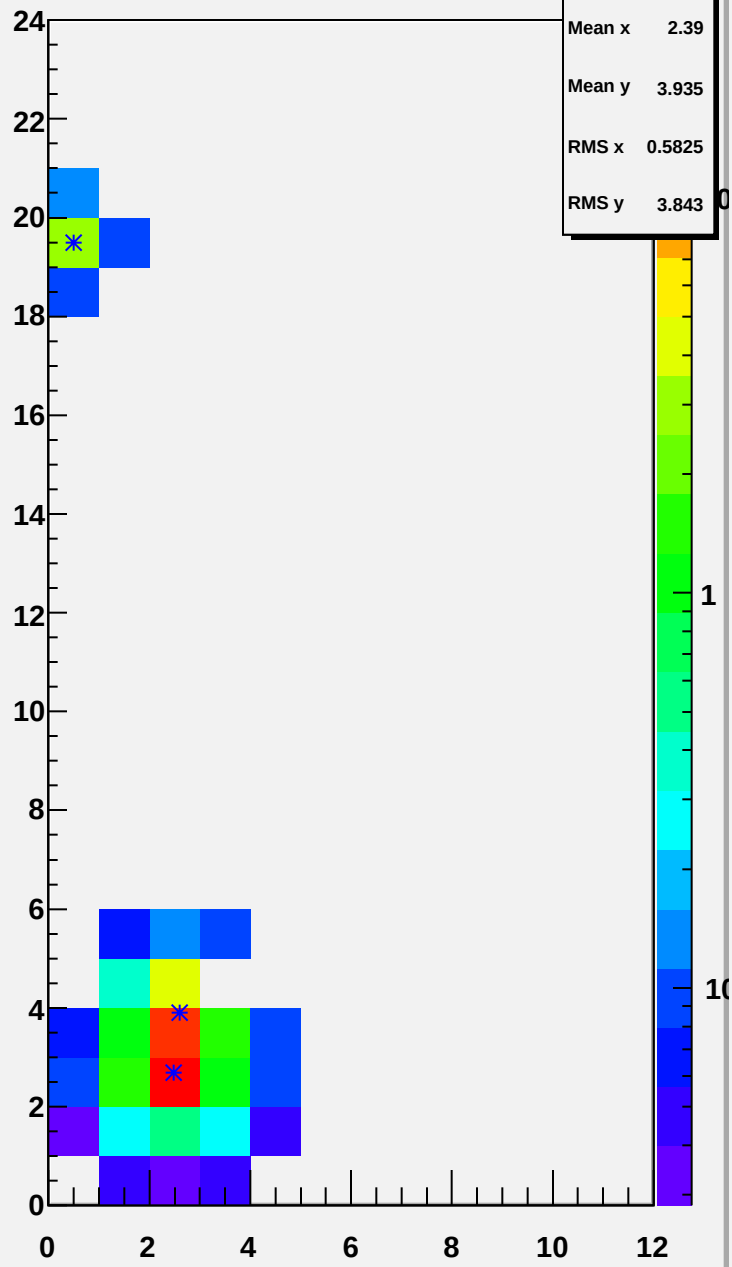
RMS x 0.956

RMS y 1.645

NSTB3_r4_c3_En=57.1_m0=0.180 m1=0.180 index=2463



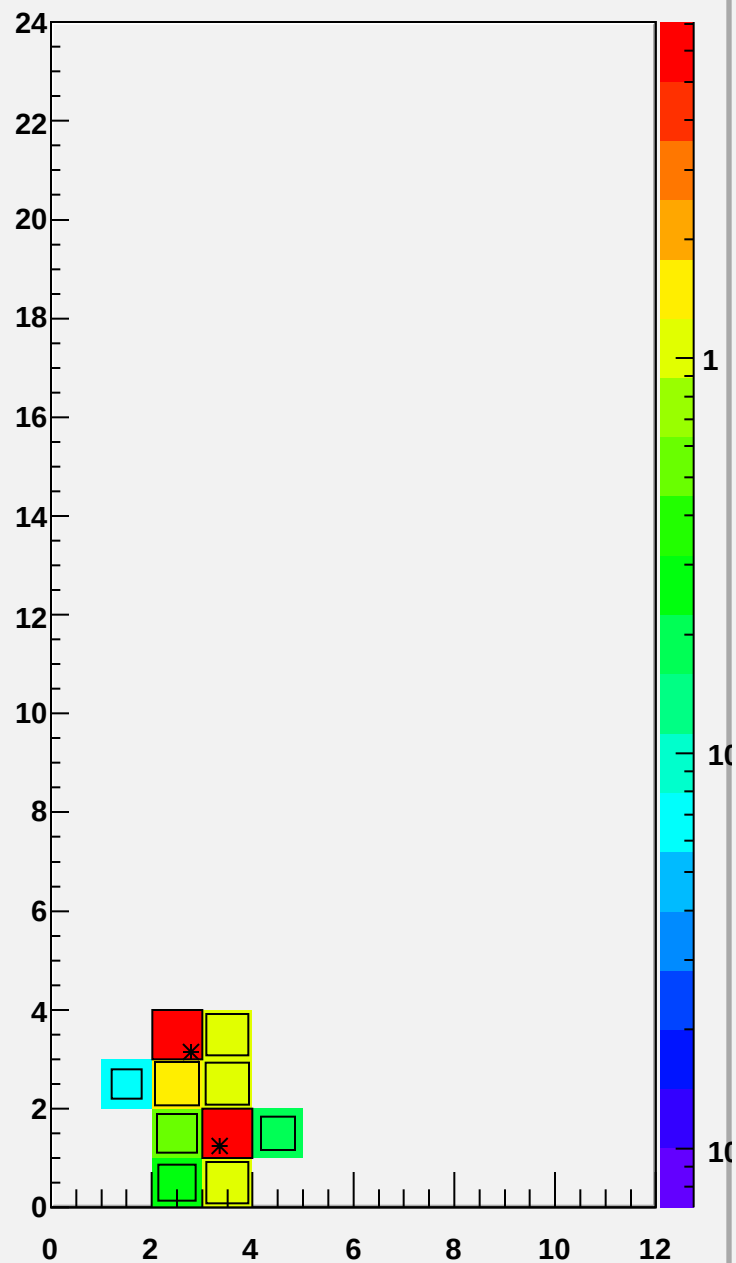
Fitted Energies



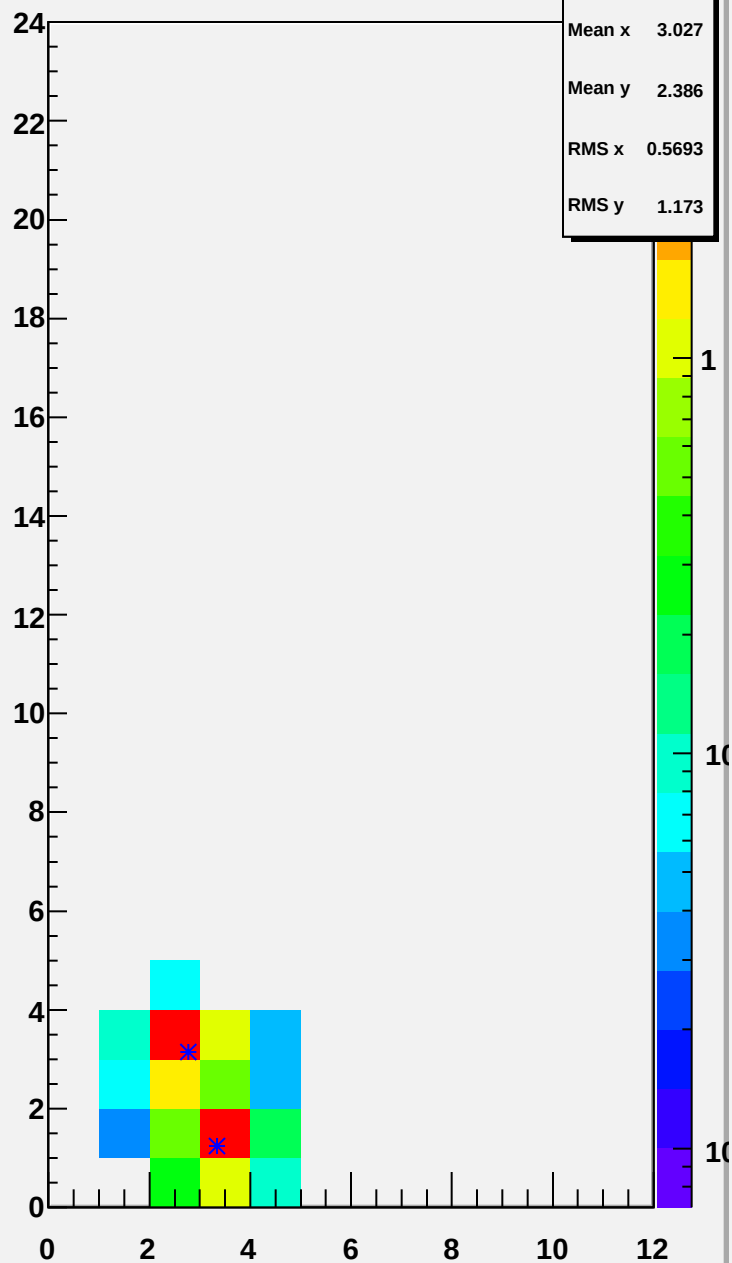
Efit

Entries	288
Mean x	2.39
Mean y	3.935
RMS x	0.5825
RMS y	3.843

NSTB3_r4_c3_En=19.1_m0=0.106 m1=0.106 index=2464



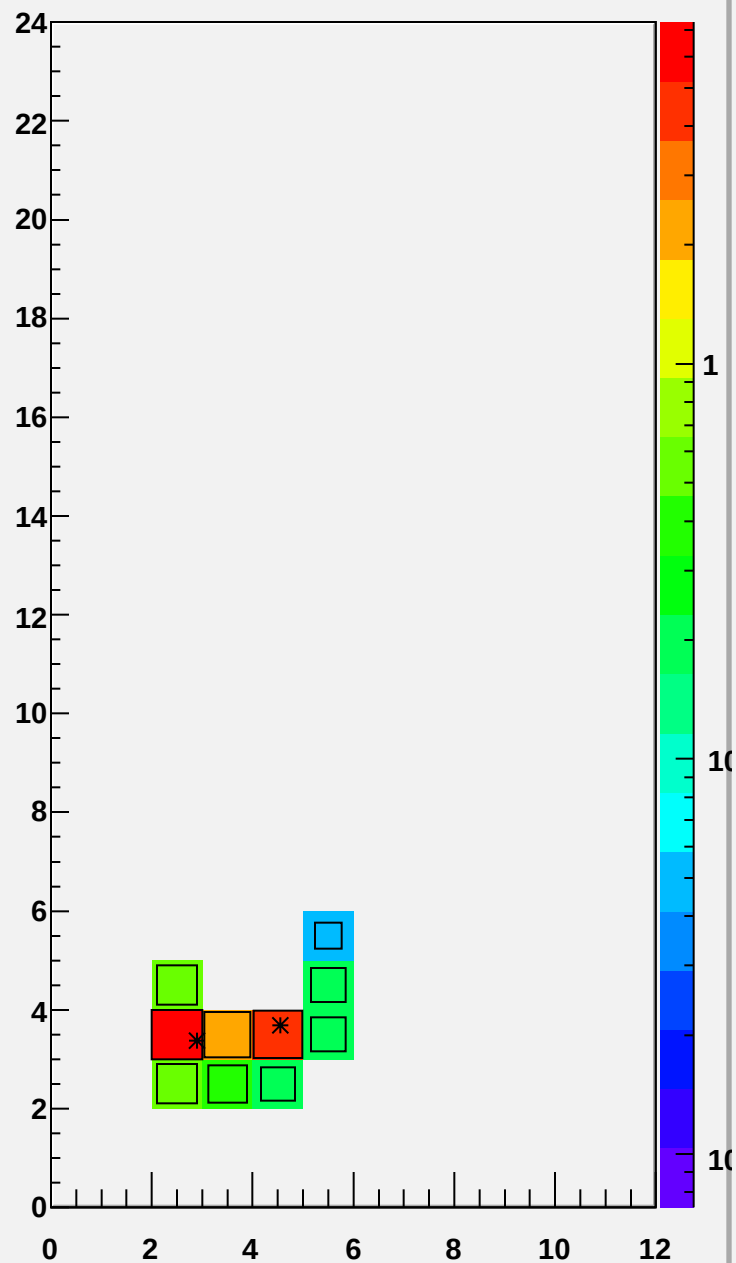
Fitted Energies



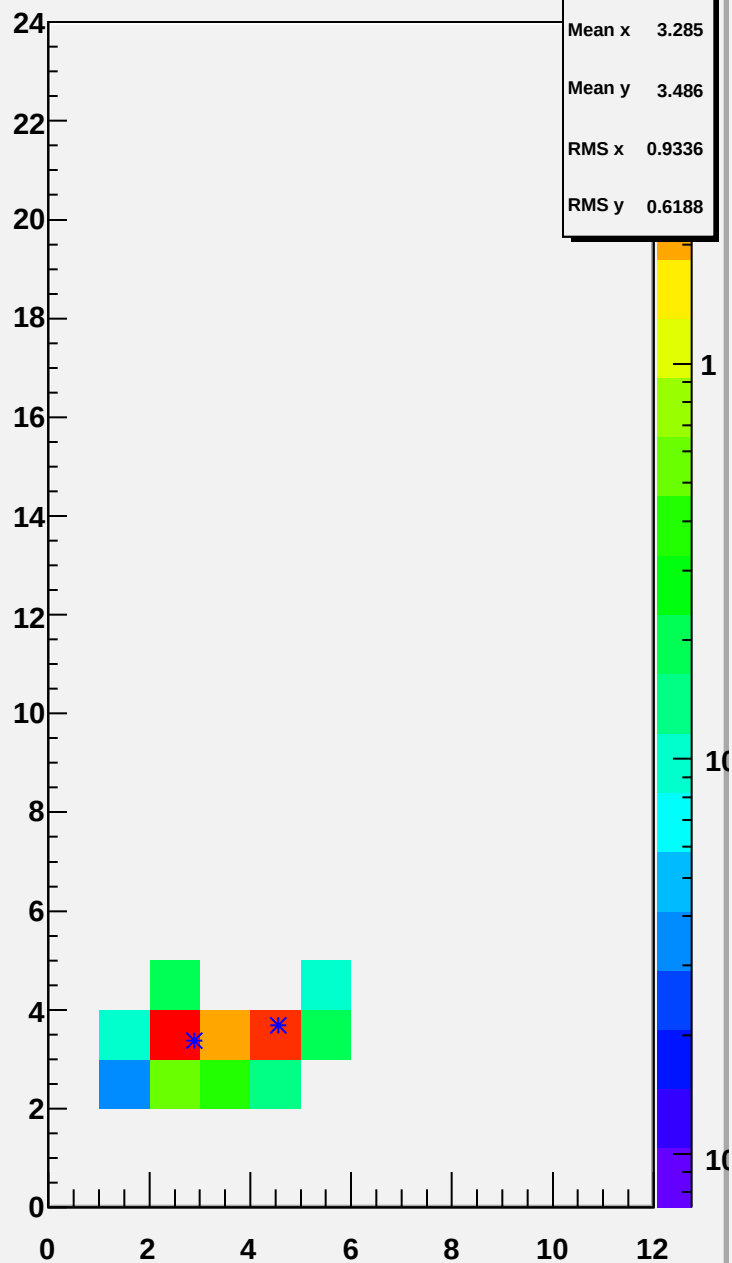
Efit

Entries	288
Mean x	3.027
Mean y	2.386
RMS x	0.5693
RMS y	1.173

NSTB3_r4_c3_En=16.1_m0=0.071 m1=0.071 index=2465



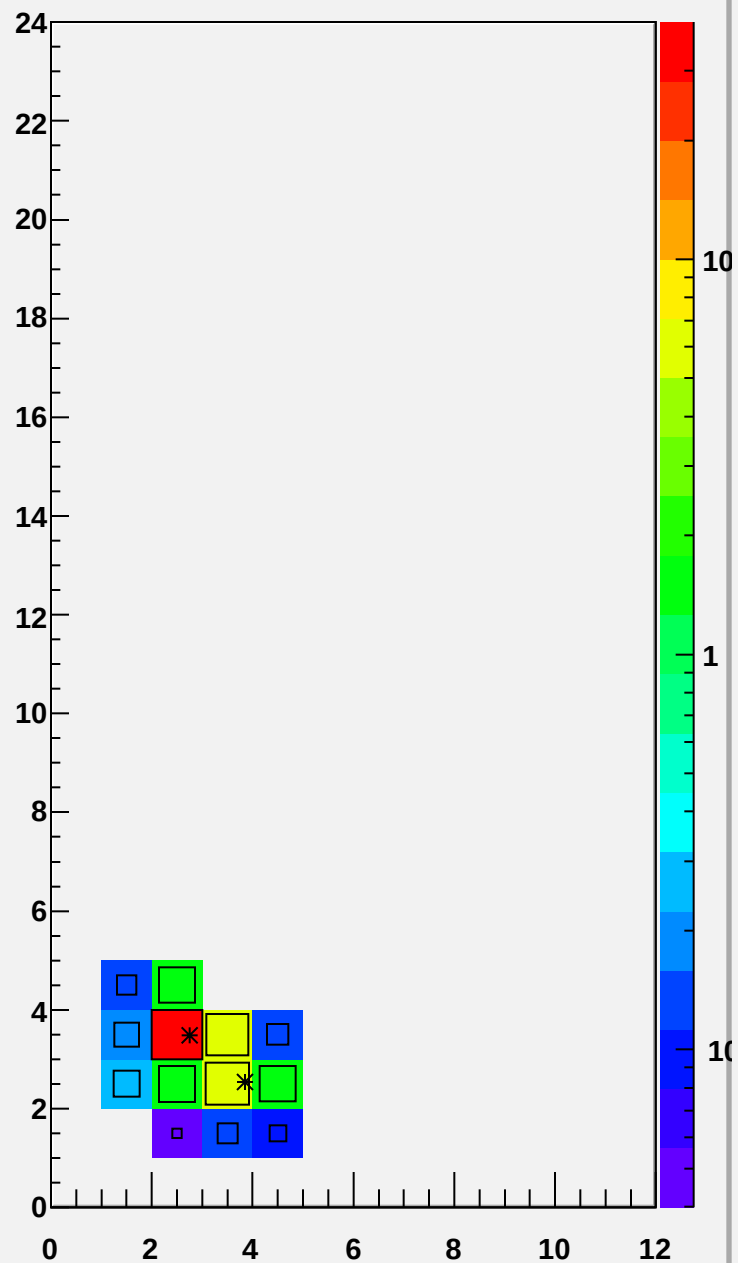
Fitted Energies



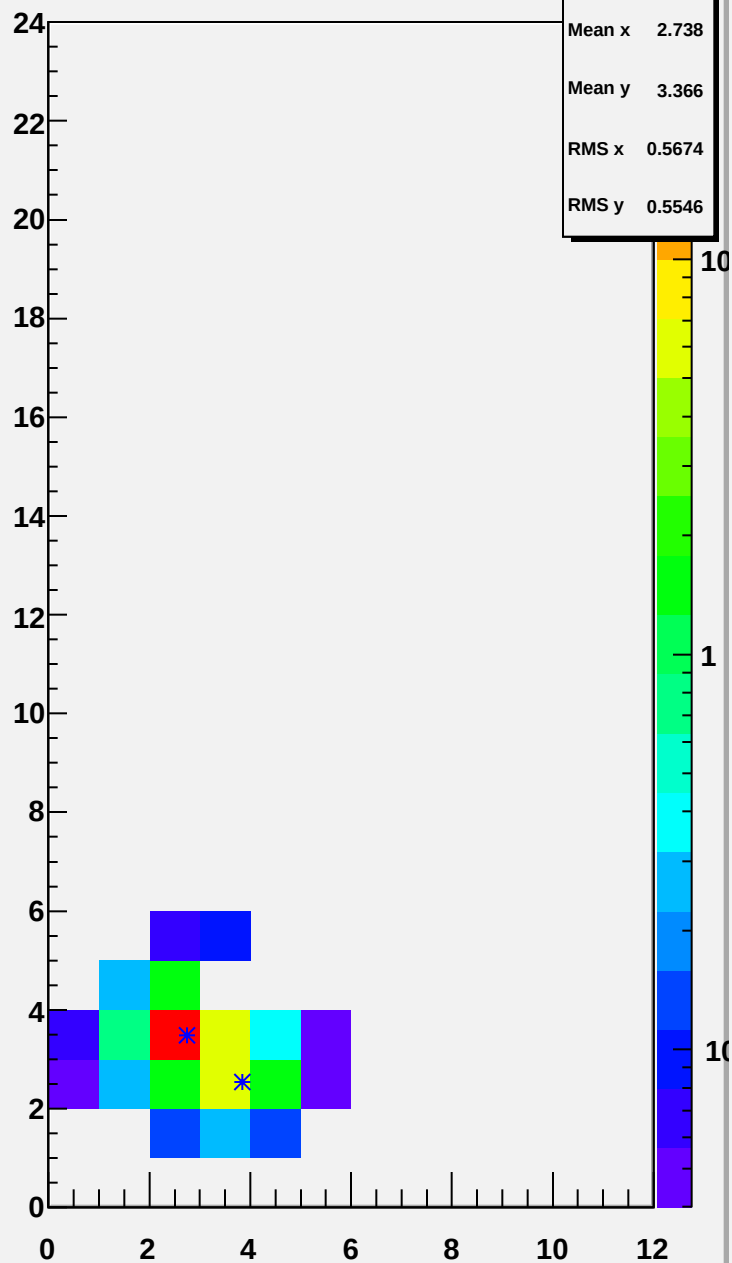
Efit

Entries	288
Mean x	3.285
Mean y	3.486
RMS x	0.9336
RMS y	0.6188

NSTB3_r4_c3_En=56.1_m0=0.151 m1=0.151 index=2466



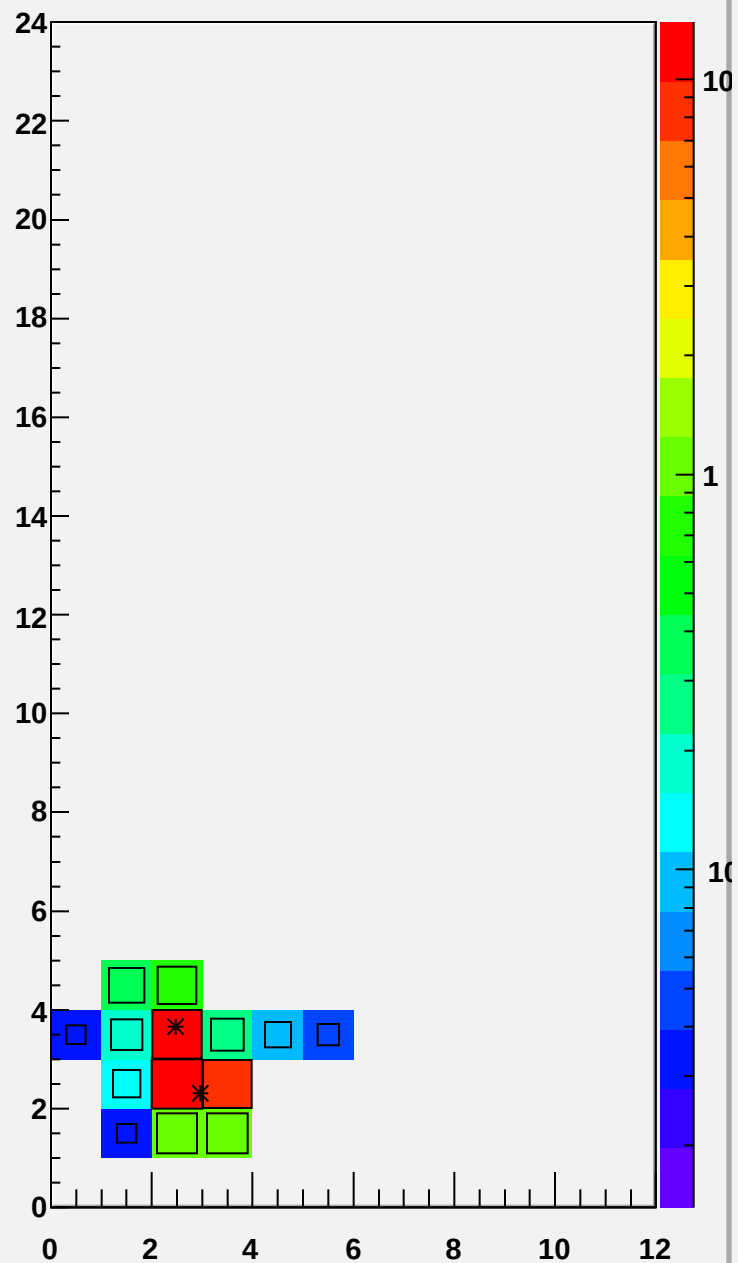
Fitted Energies



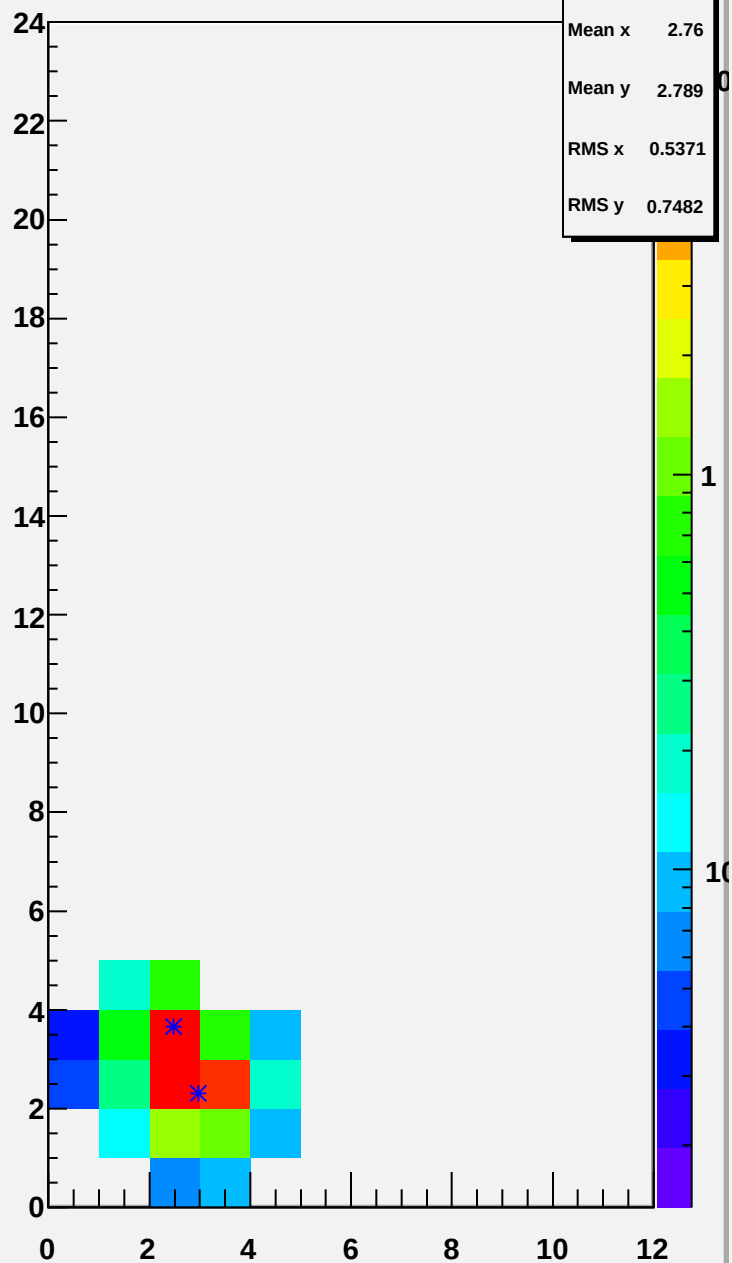
Efit

Entries	288
Mean x	2.738
Mean y	3.366
RMS x	0.5674
RMS y	0.5546

NSTB3_r4_c3_En=37.6_m0=0.139 m1=0.139 index=2467



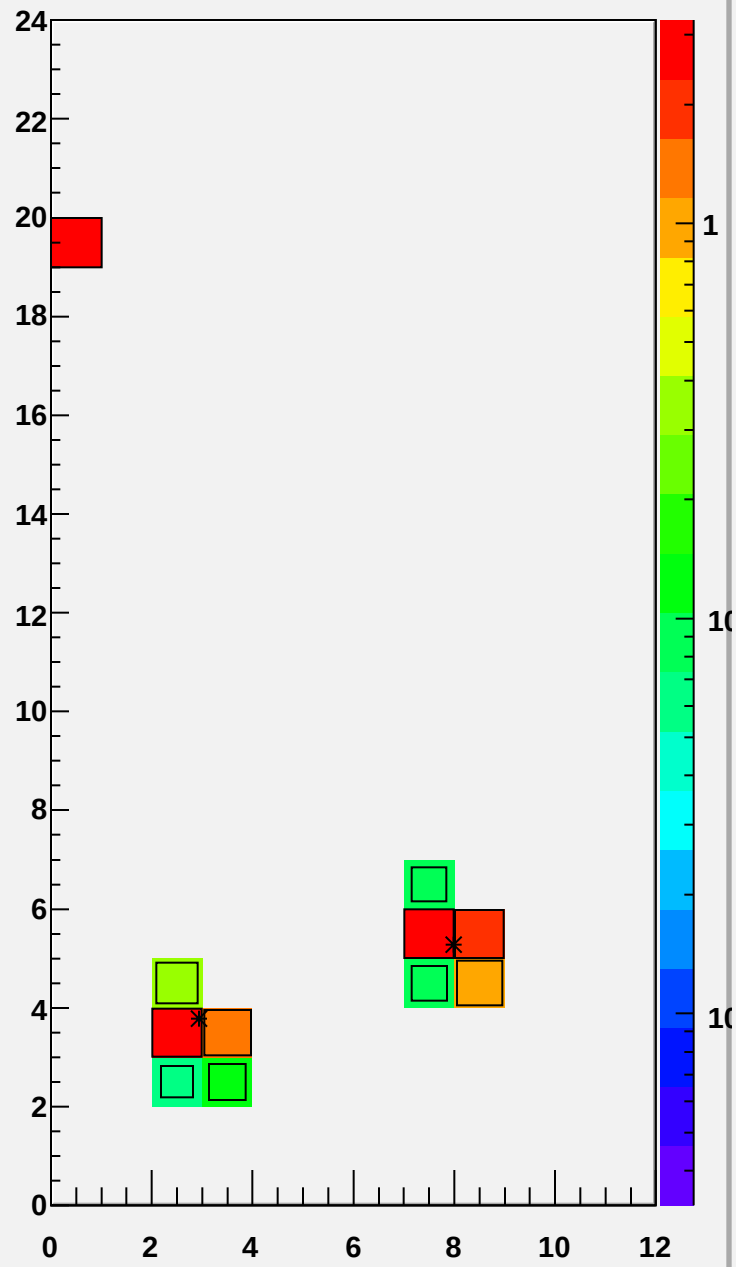
Fitted Energies



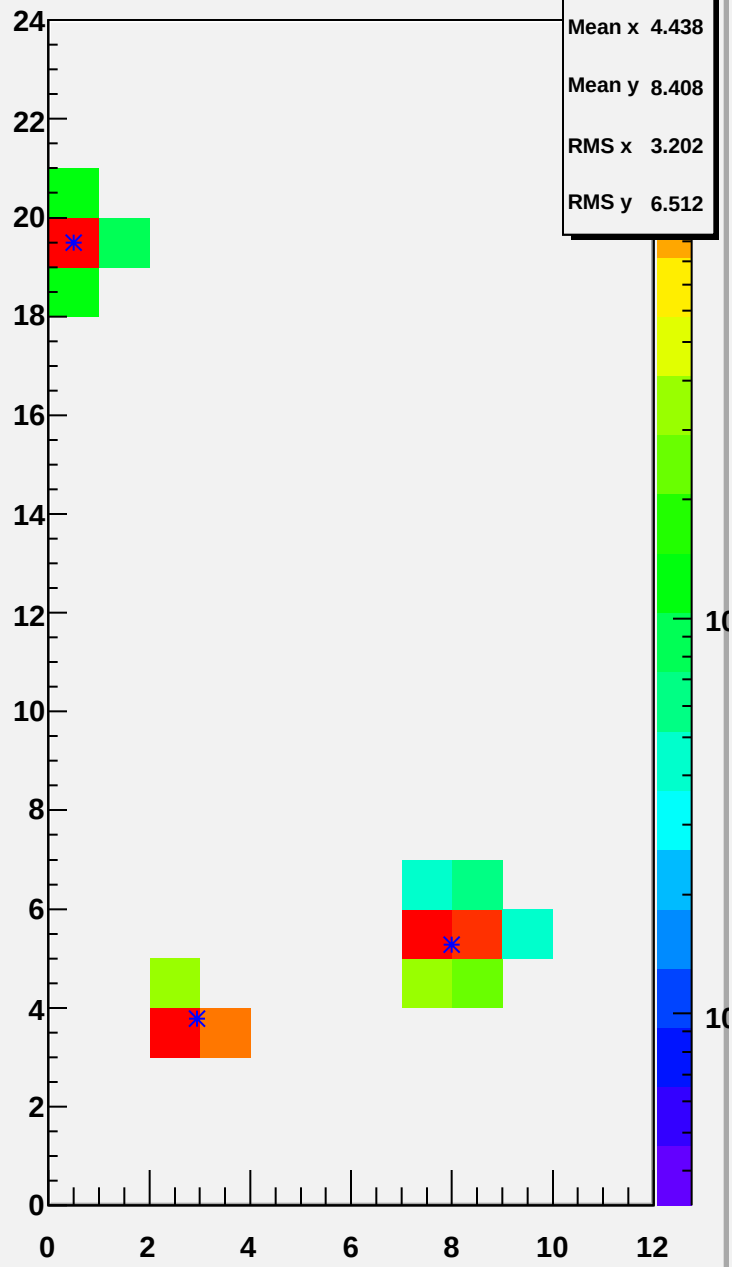
Efit

Entries	288
Mean x	2.76
Mean y	2.789
RMS x	0.5371
RMS y	0.7482

NSTB3_r4_c3_En=13.3_m0=0.146 m1=0.146 index=2468



Fitted Energies



Efit

Entries 288

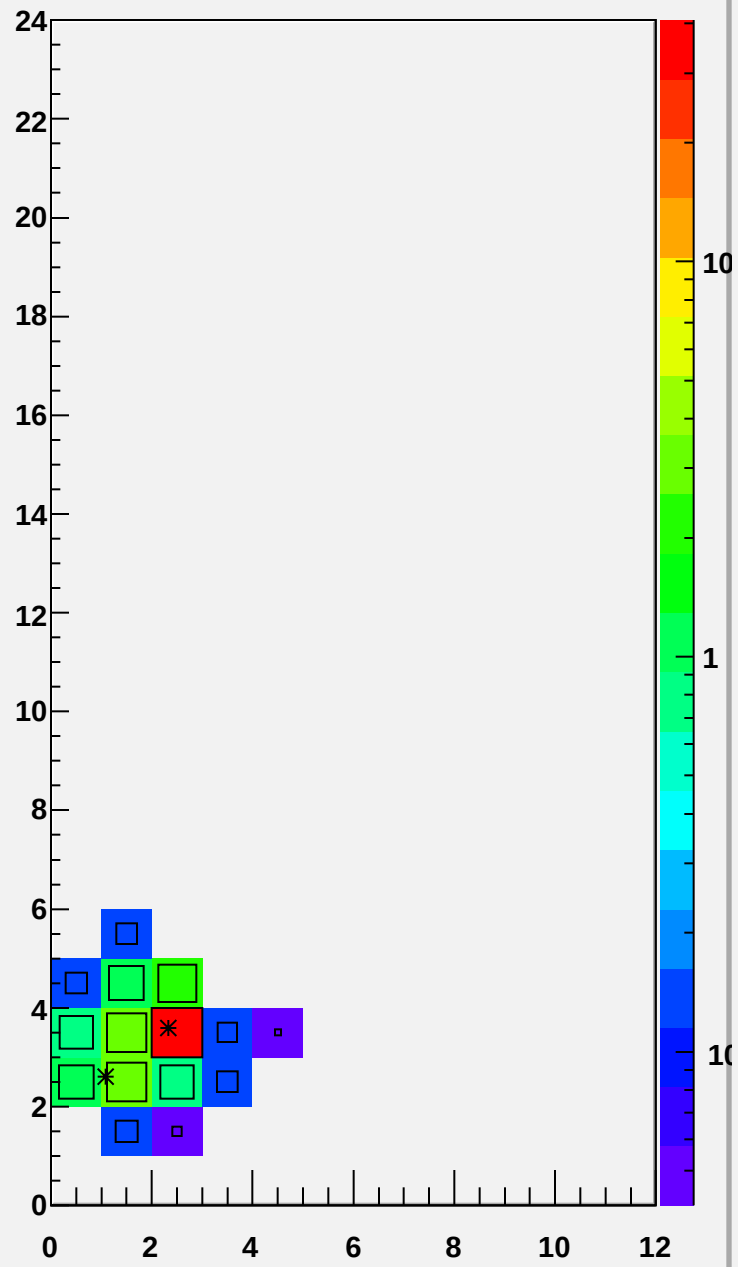
Mean x 4.438

Mean y 8.408

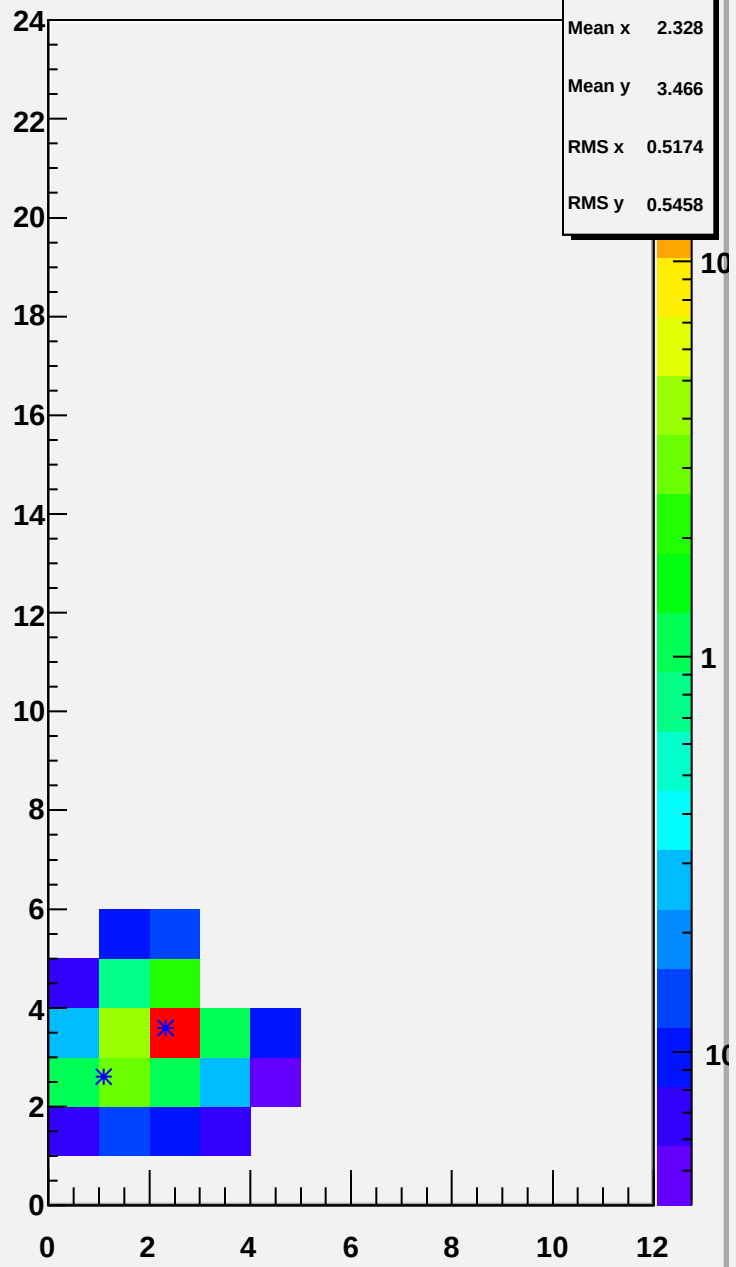
RMS x 3.202

RMS y 6.512

NSTB3_r4_c3_En=53.5_m0=0.122 m1=0.122 index=2469



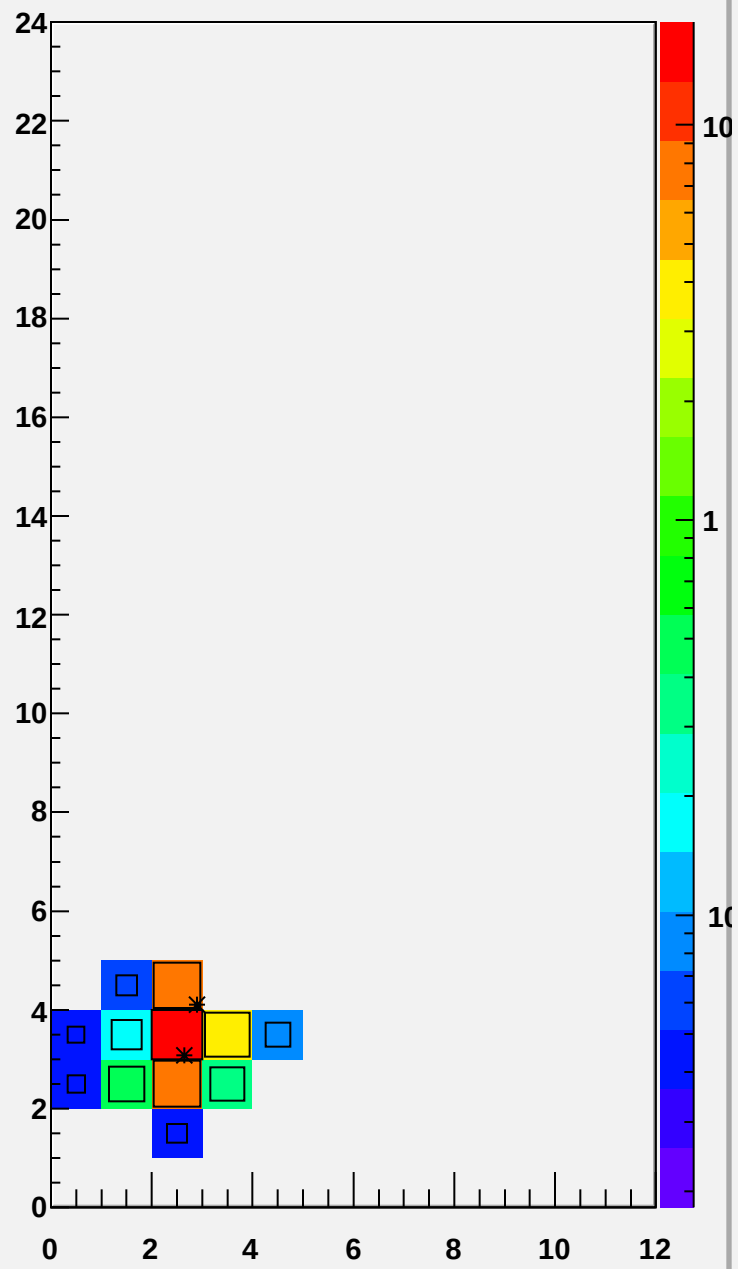
Fitted Energies



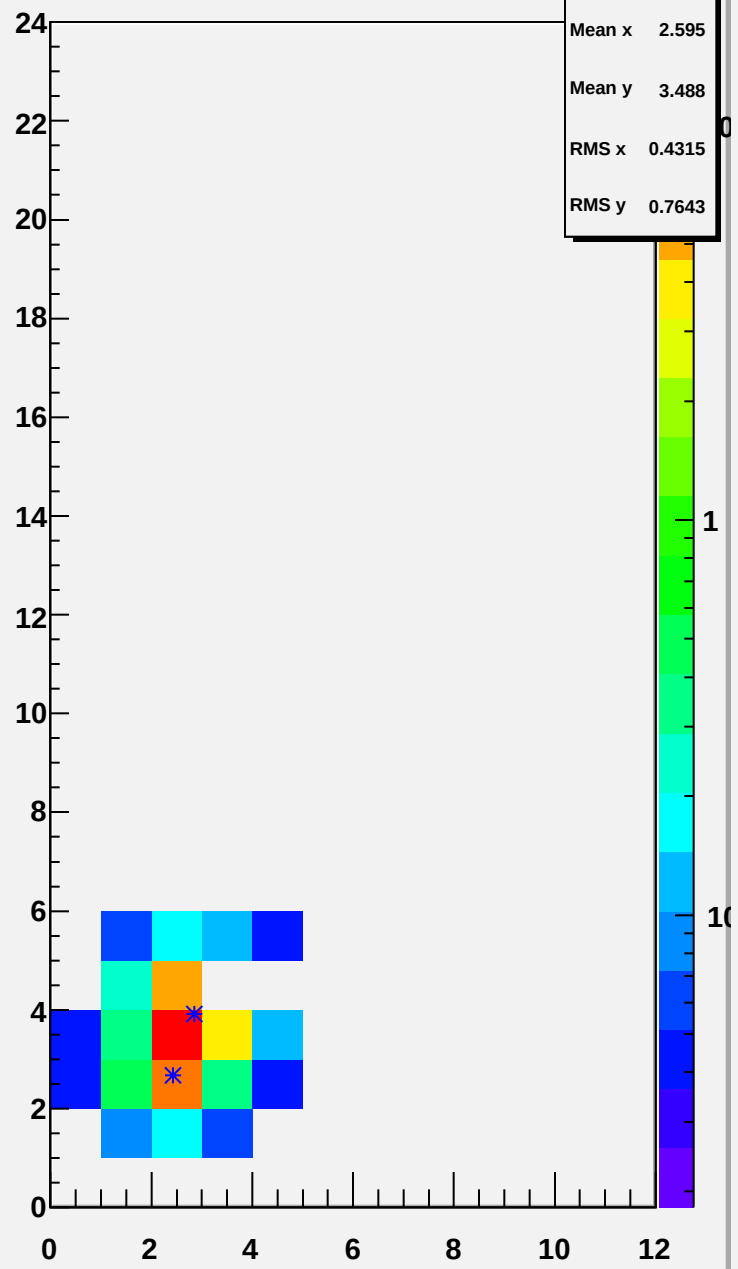
Efit

Entries	288
Mean x	2.328
Mean y	3.466
RMS x	0.5174
RMS y	0.5458

NSTB3_r4_c3_En=37.2_m0=0.098 m1=0.119 index=2471



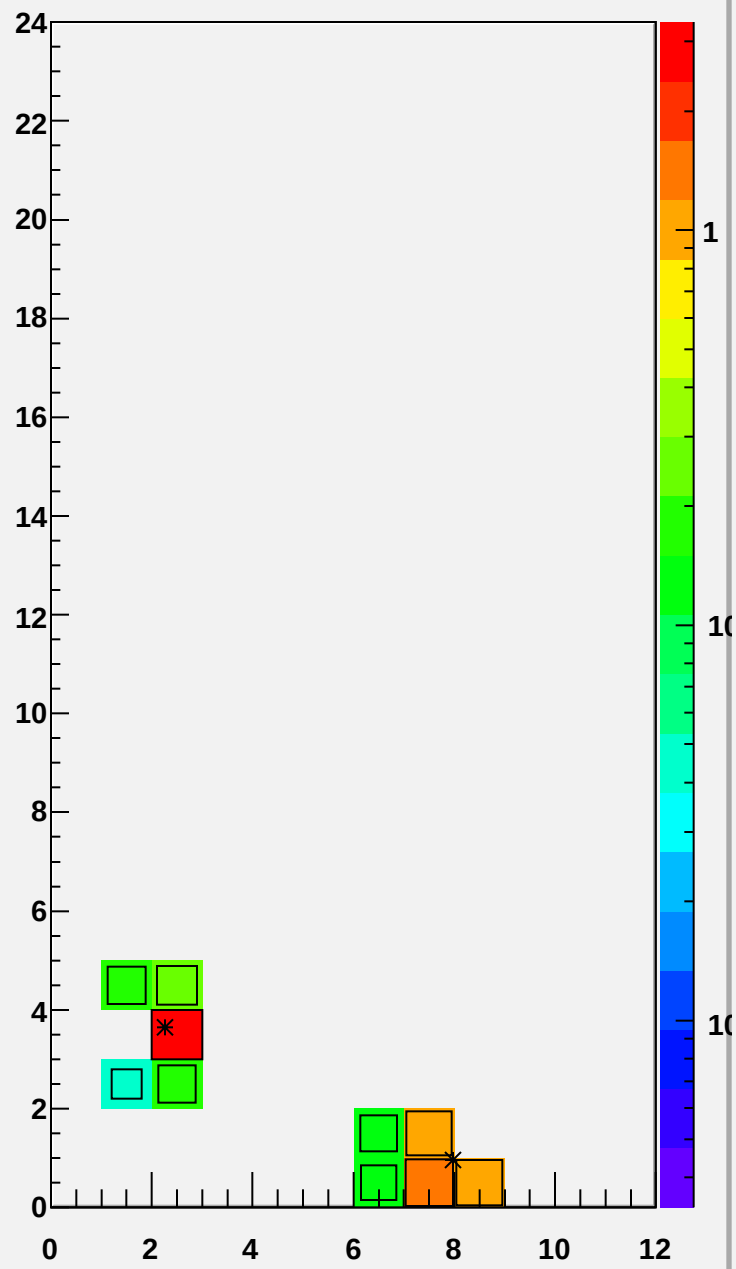
Fitted Energies



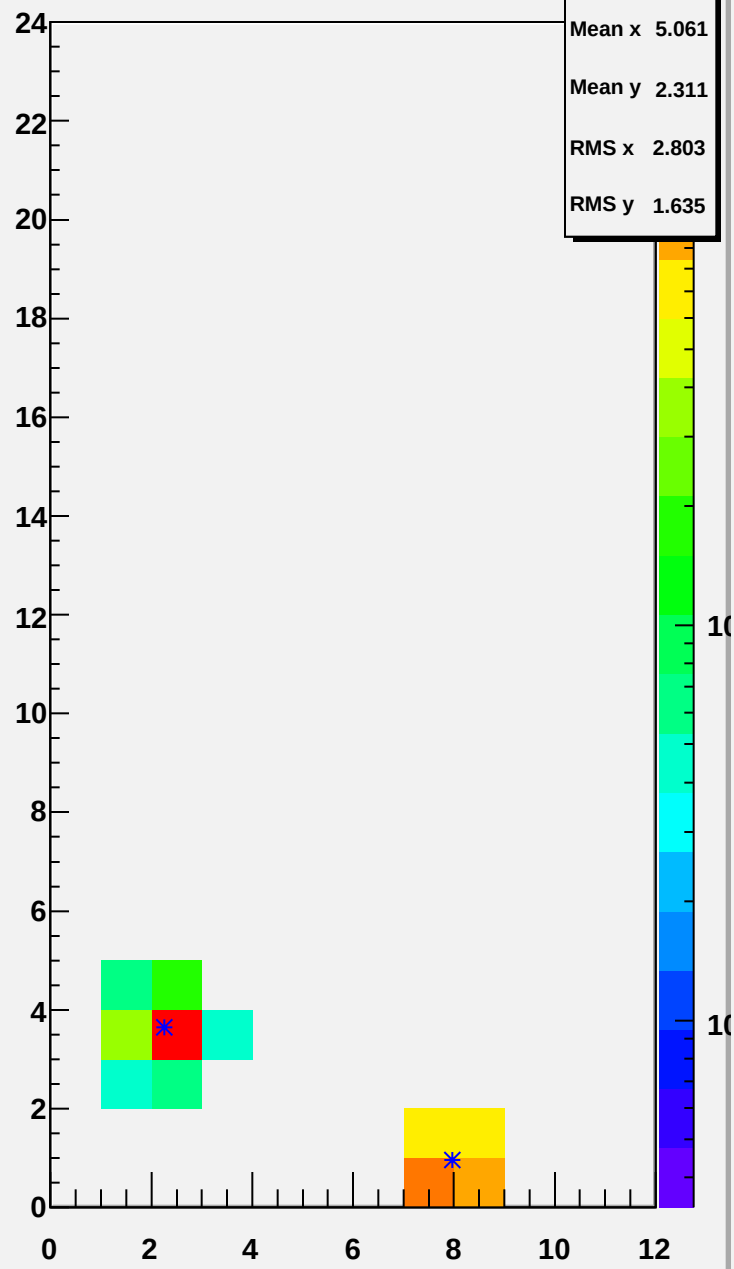
Efit

Entries	288
Mean x	2.595
Mean y	3.488
RMS x	0.4315
RMS y	0.7643

NSTB3_r4_c3_En= 7.8_m0=0.149 m1=0.149 index=2474



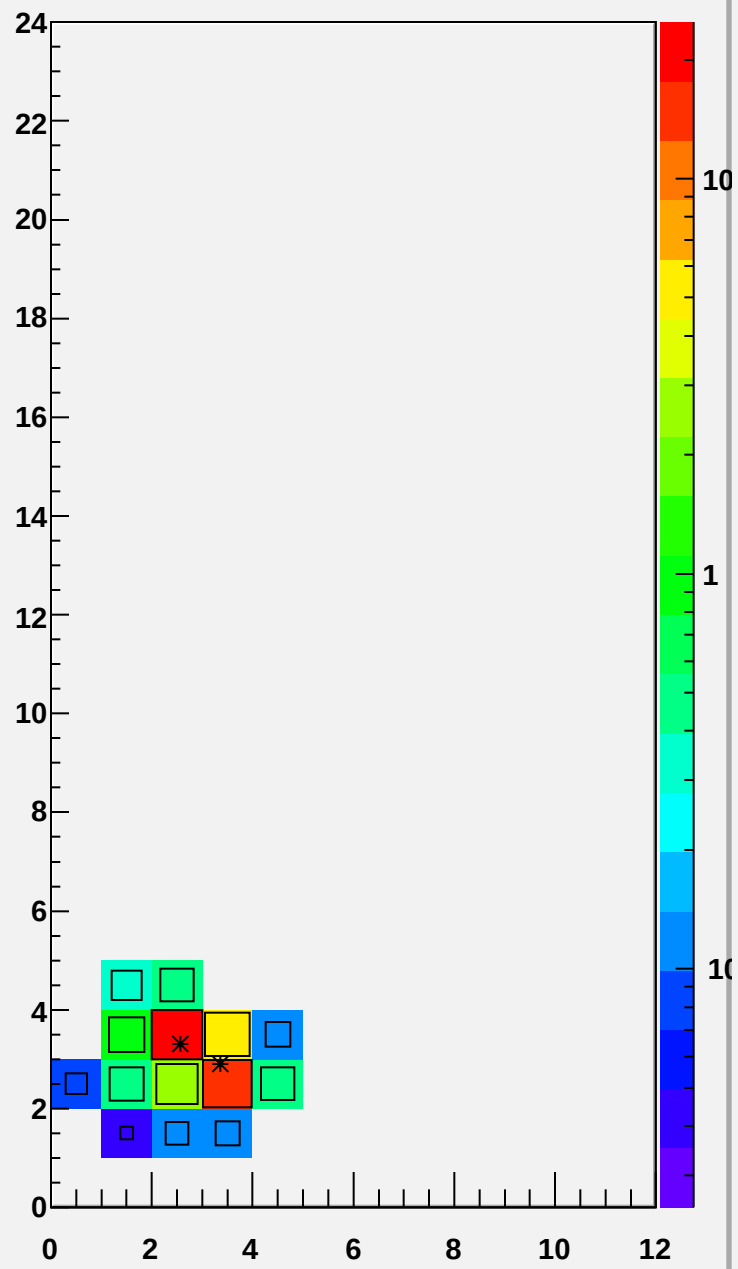
Fitted Energies



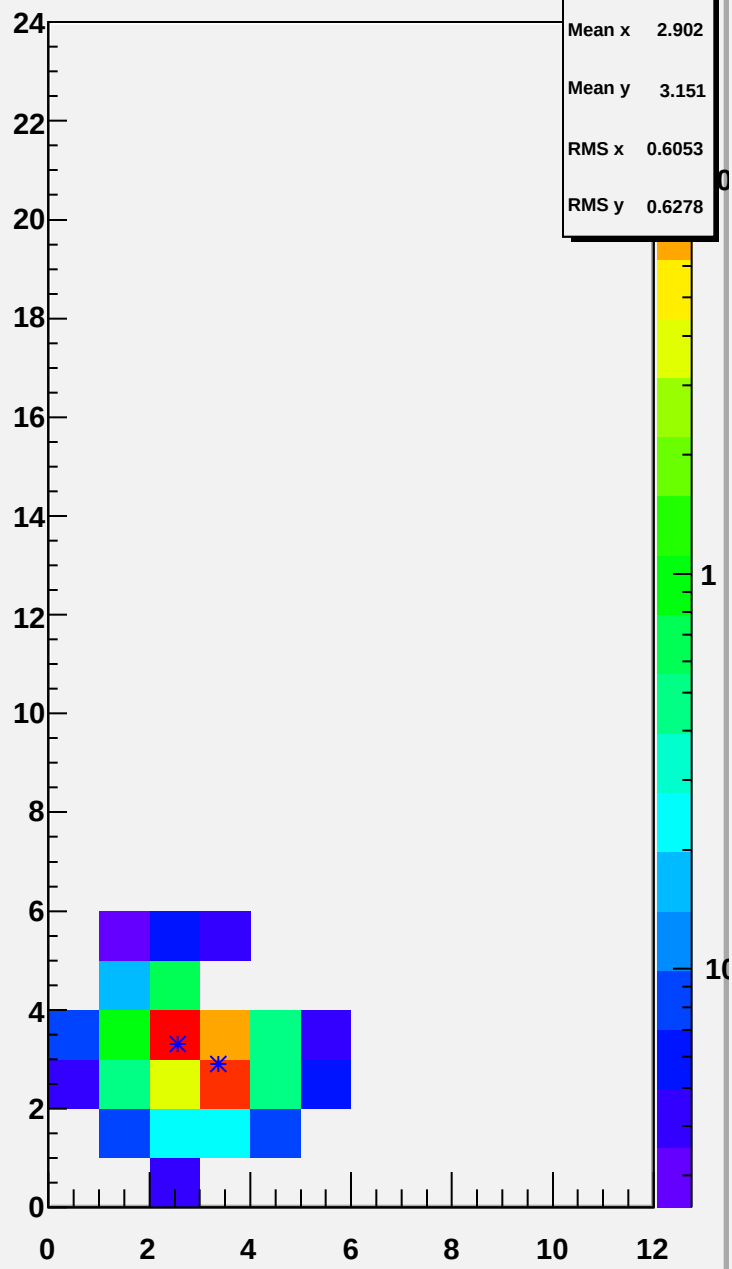
Efit

Entries 288
Mean x 5.061
Mean y 2.311
RMS x 2.803
RMS y 1.635

NSTB3_r4_c3_En=50.1_m0=0.130 m1=0.130 index=2475

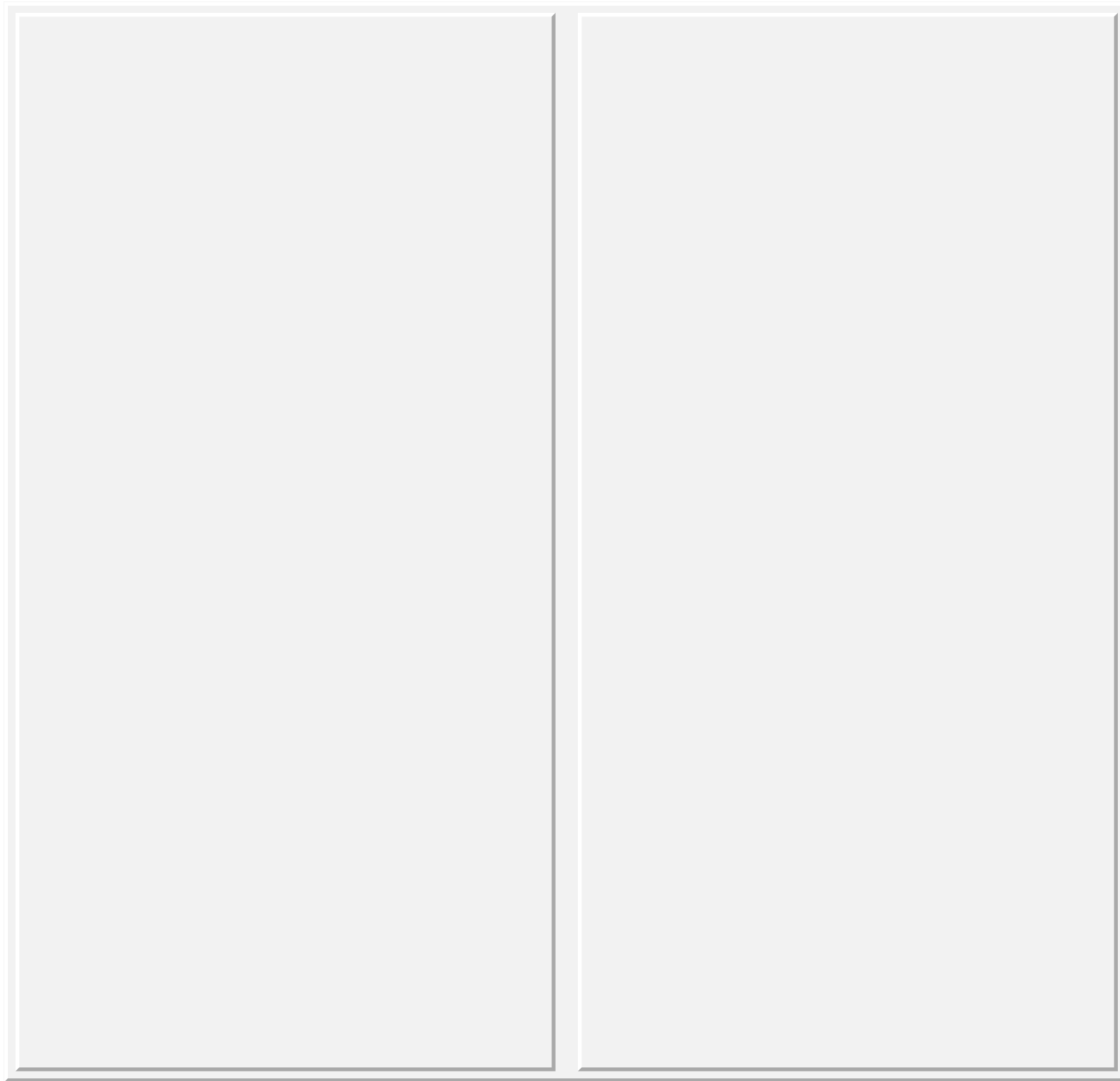


Fitted Energies

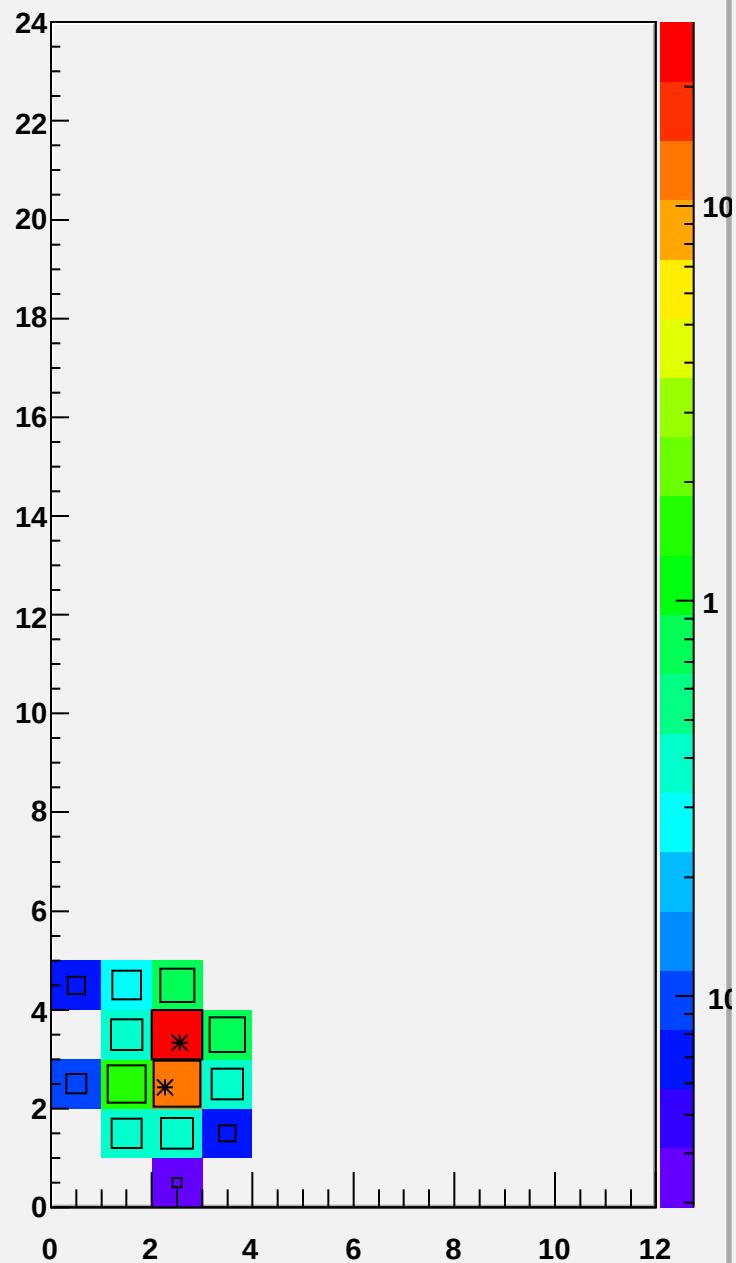


Efit

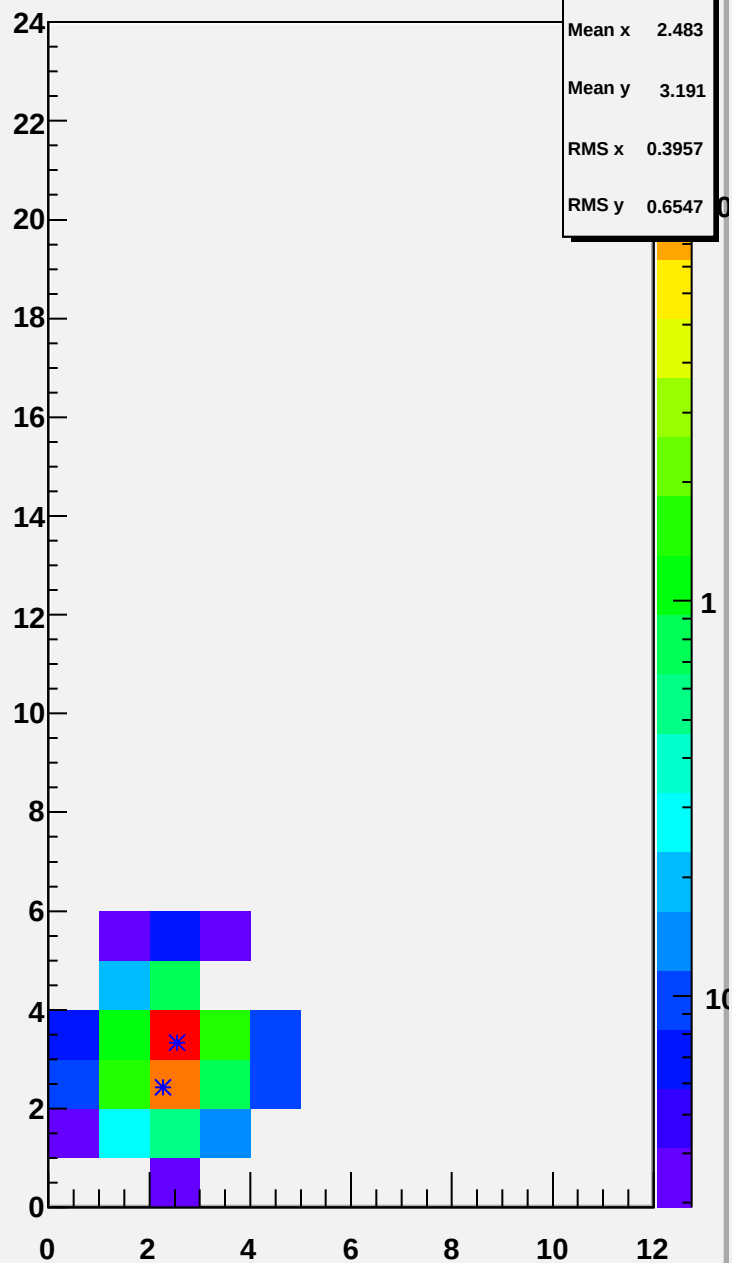
Entries	288
Mean x	2.902
Mean y	3.151
RMS x	0.6053
RMS y	0.6278



NSTB3_r4_c3_En=46.5_m0=0.106 m1=0.107 index=2477



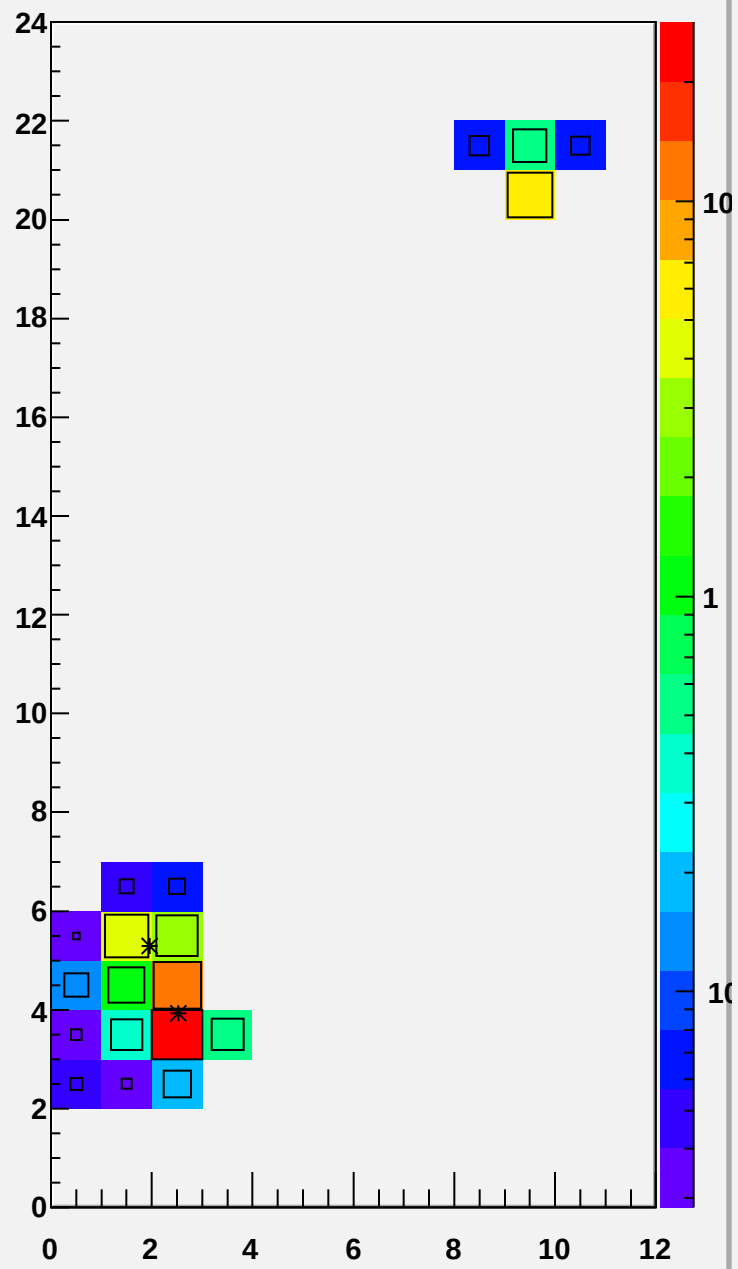
Fitted Energies



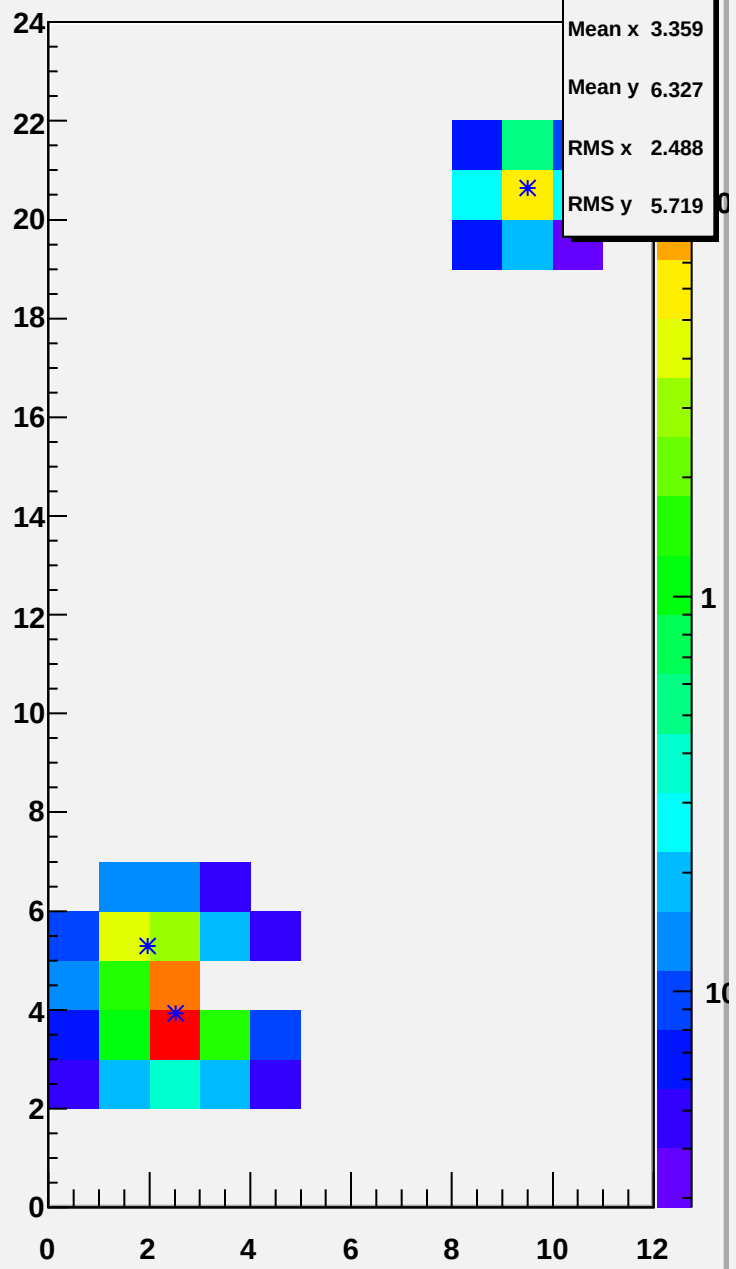
Efit

Entries	288
Mean x	2.483
Mean y	3.191
RMS x	0.3957
RMS y	0.6547

NSTB3_r4_c3_En=59.2_m0=0.160 m1=0.159 index=2478



Fitted Energies



Efit

Entries 288

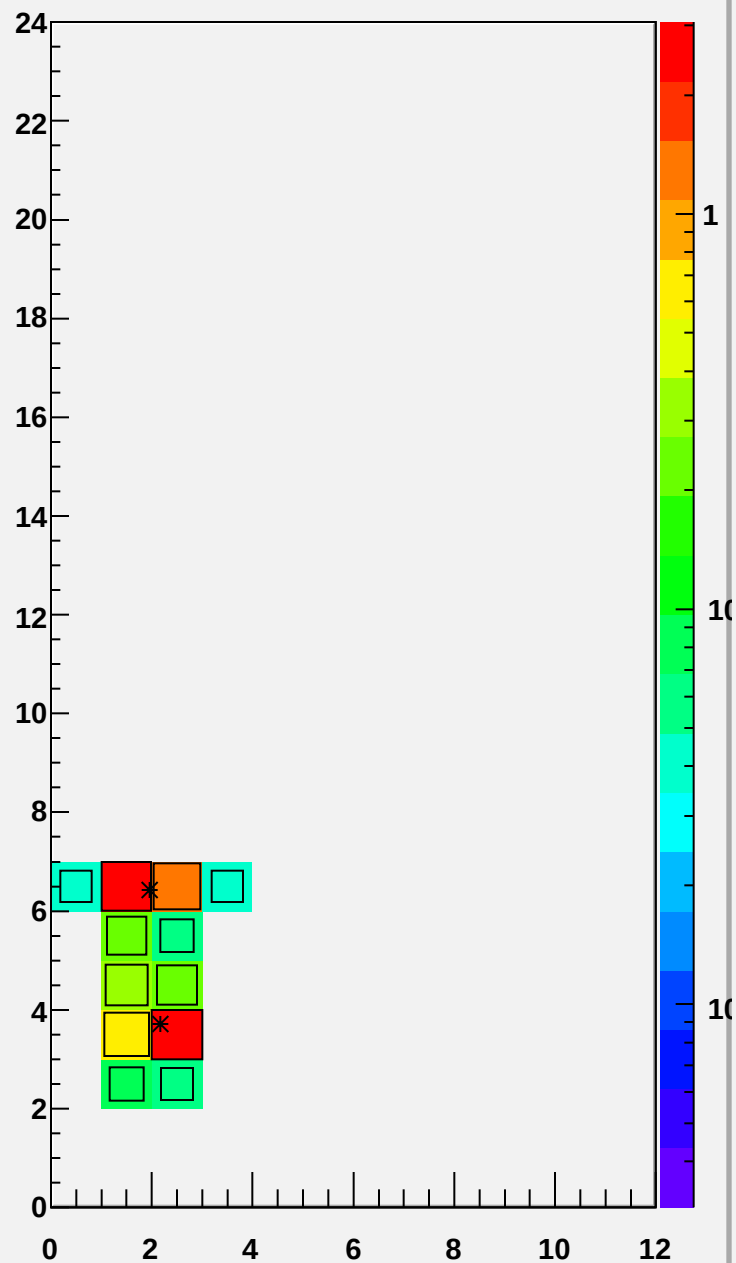
Mean x 3.359

Mean y 6.327

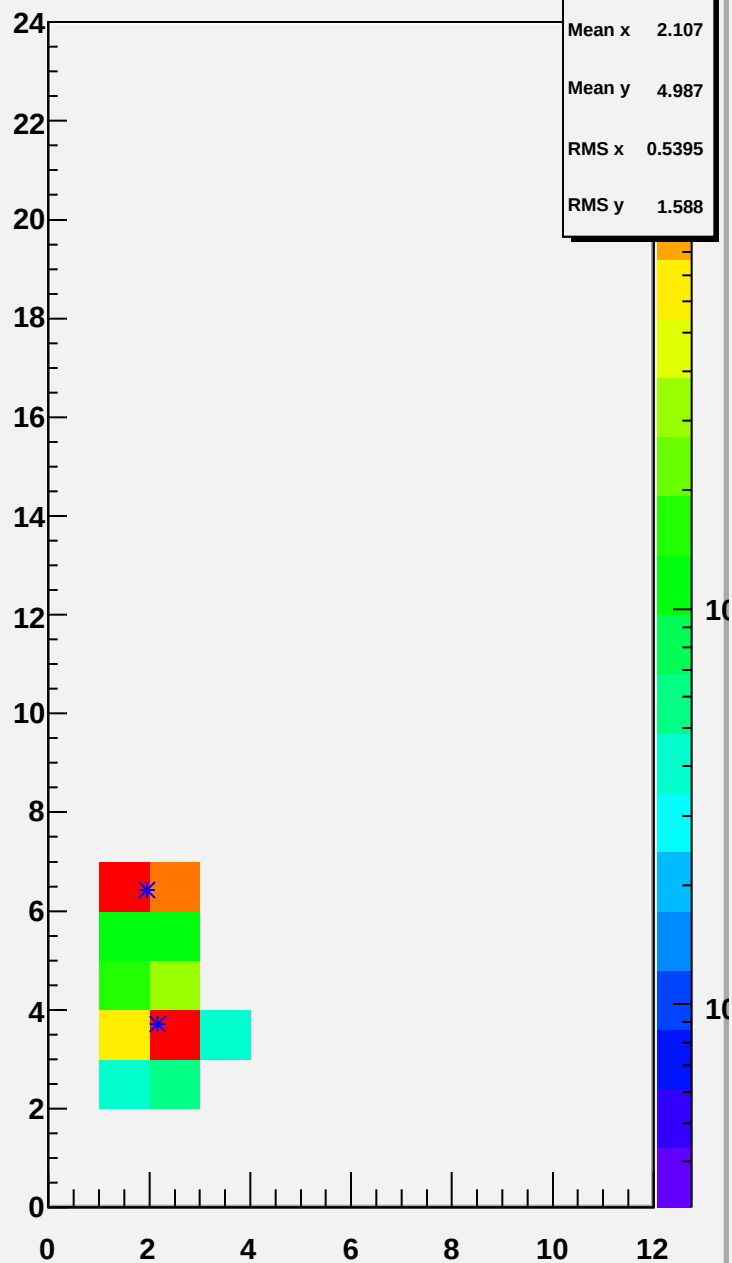
RMS x 2.488

RMS y 5.719

NSTB3_r4_c3_En= 8.3_m0=0.064 m1=0.064 index=2479



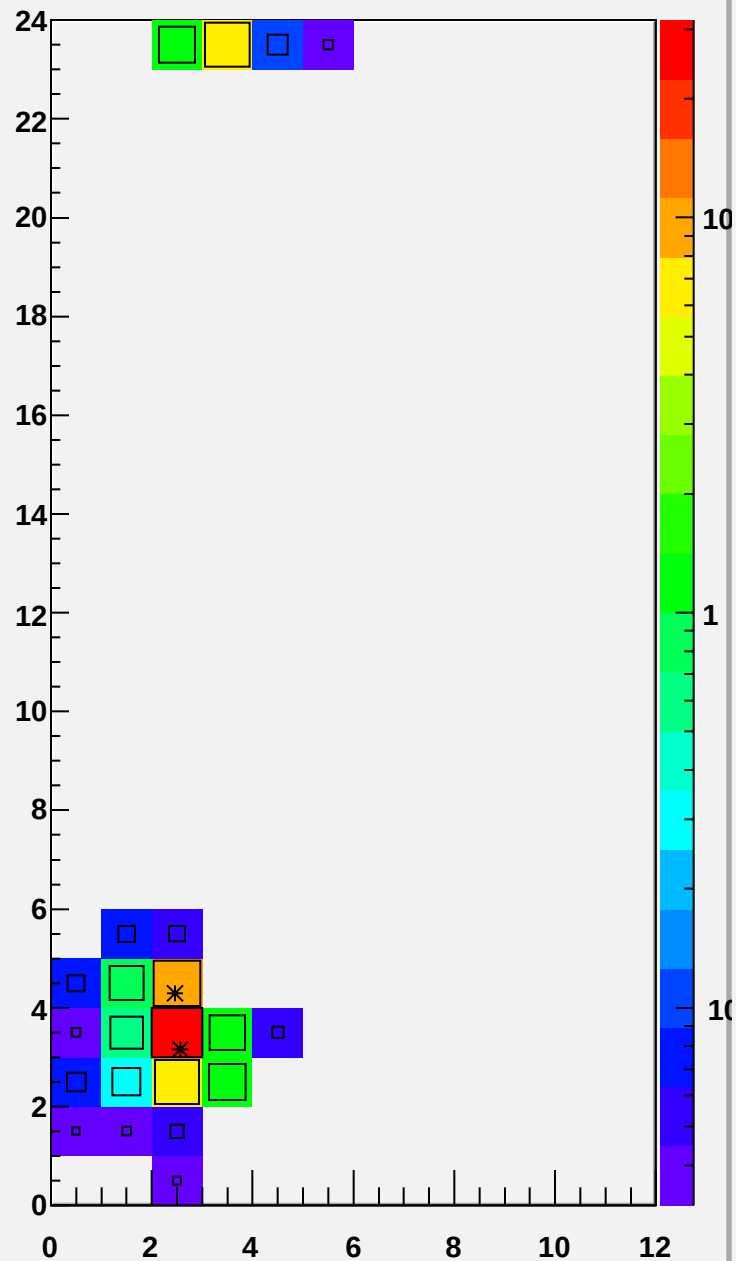
Fitted Energies



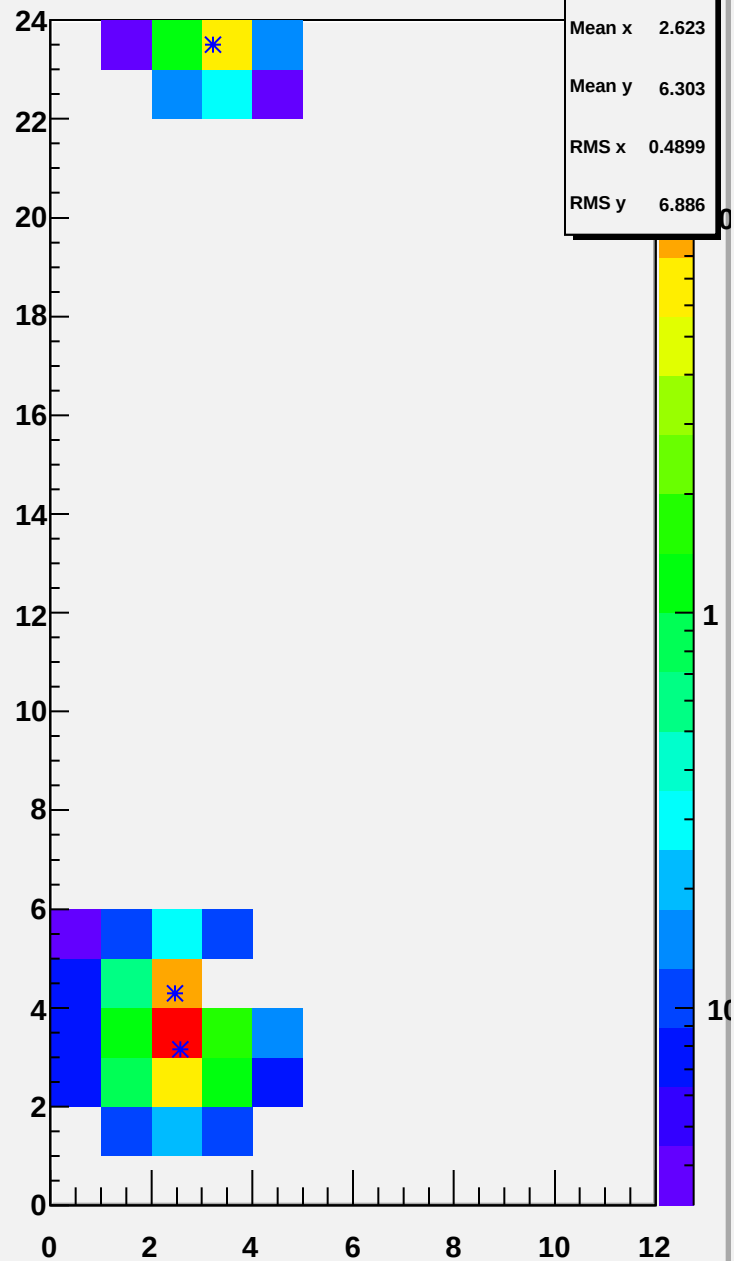
Efit

Entries	288
Mean x	2.107
Mean y	4.987
RMS x	0.5395
RMS y	1.588

NSTB3_r4_c3_En=62.1_m0=0.146 m1=0.146 index=2481



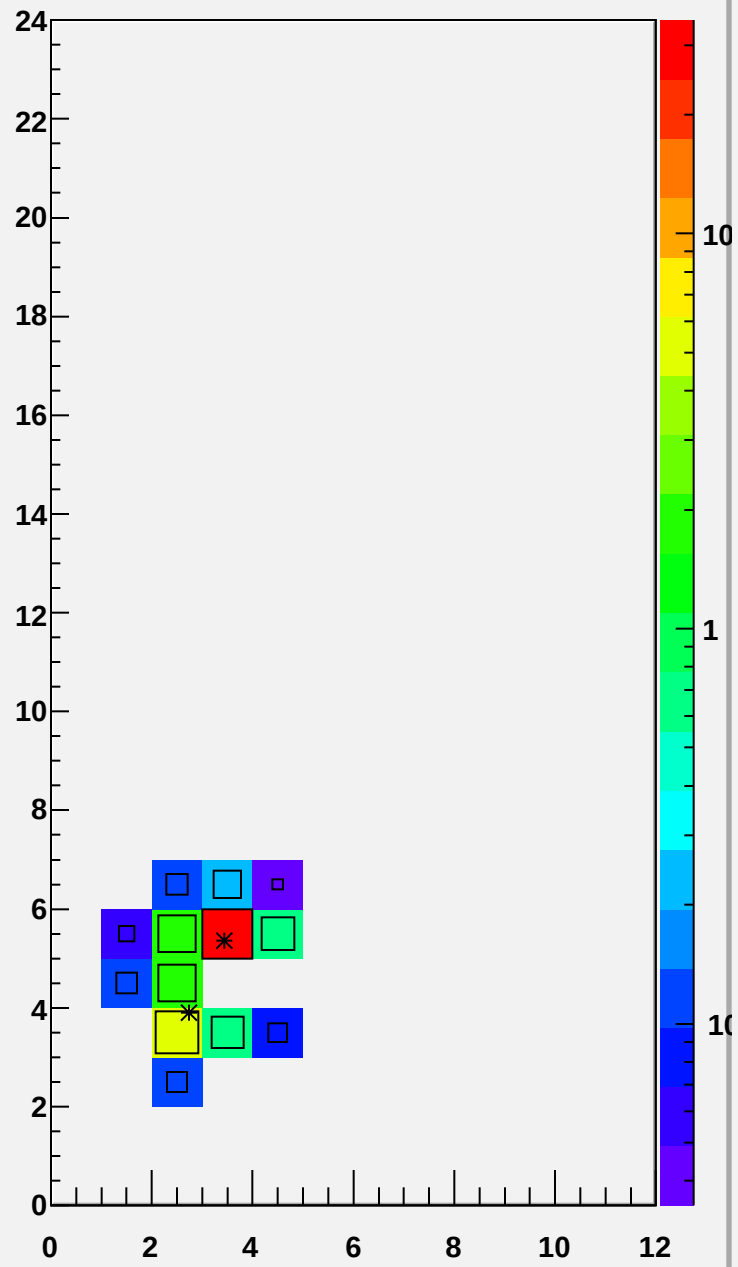
Fitted Energies



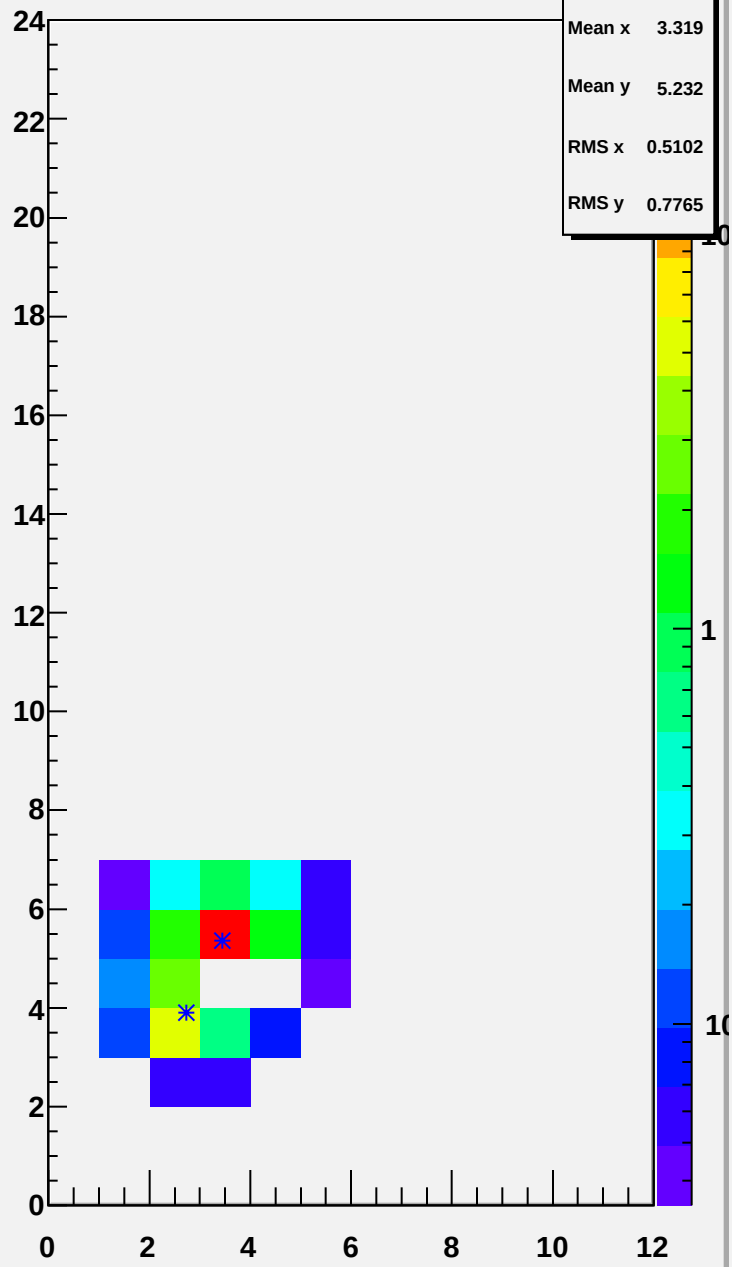
Efit

Entries	288
Mean x	2.623
Mean y	6.303
RMS x	0.4899
RMS y	6.886

NSTB3_r4_c3_En=44.8_m0=0.161 m1=0.161 index=2482



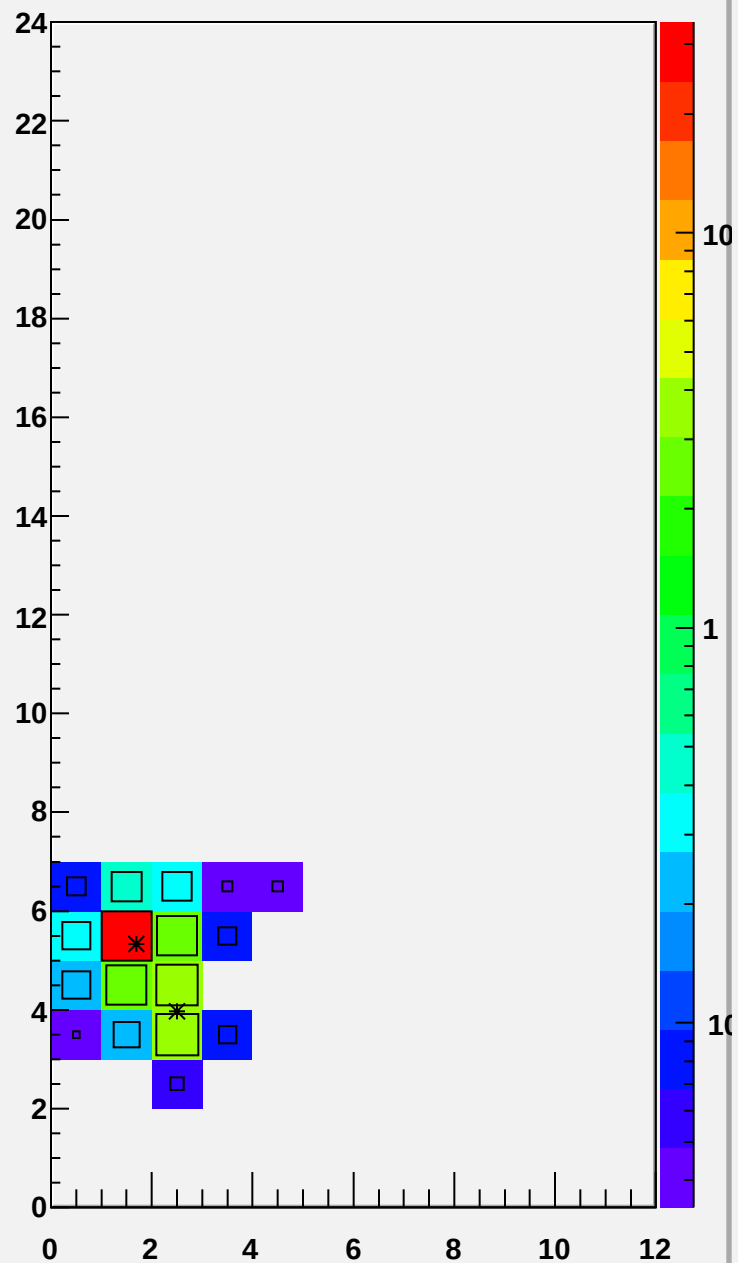
Fitted Energies



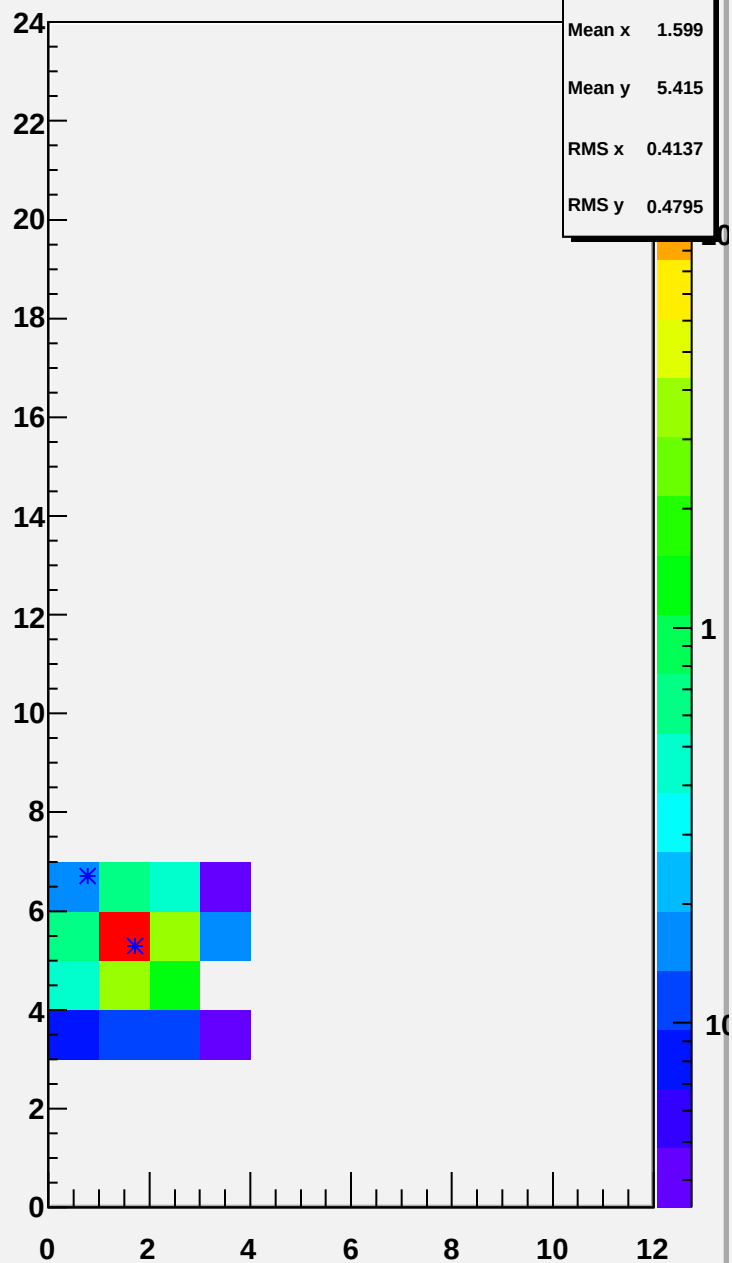
Efit

Entries	288
Mean x	3.319
Mean y	5.232
RMS x	0.5102
RMS y	0.7765

NSTB3_r4_c3_En=49.5_m0=0.159 m1=-0.000 index=2483



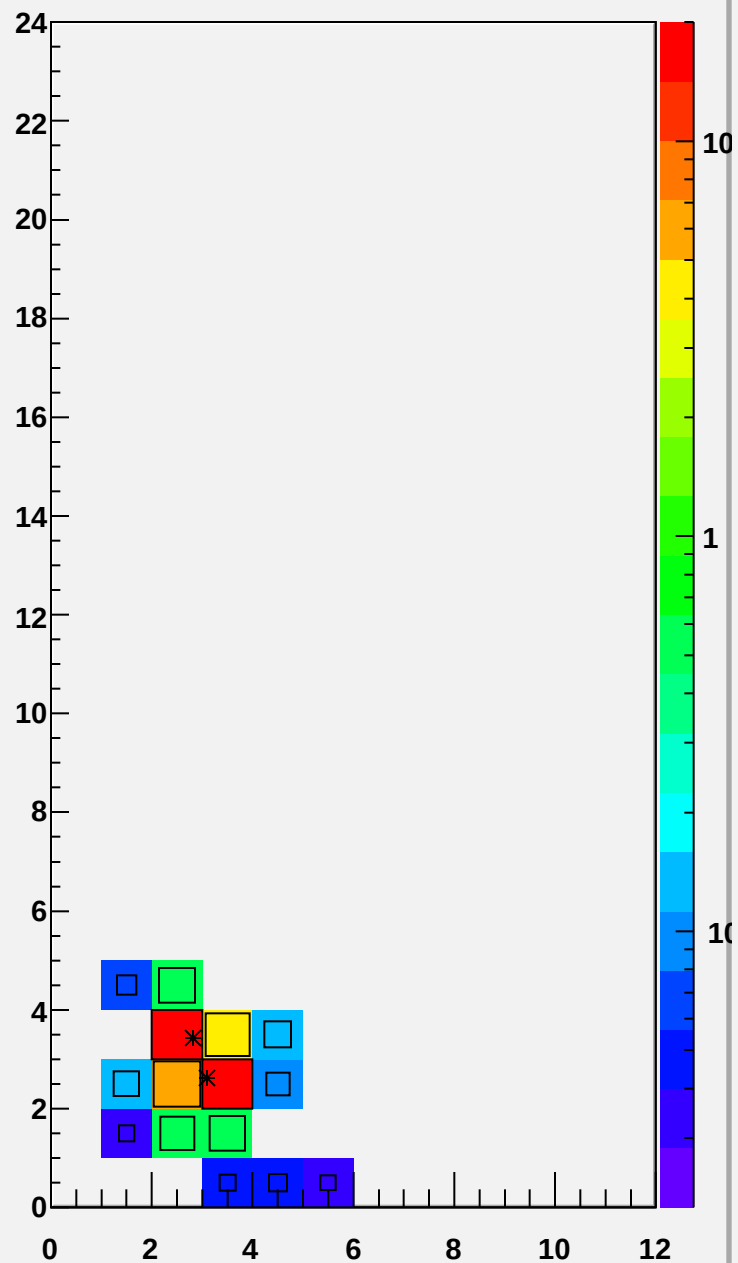
Fitted Energies



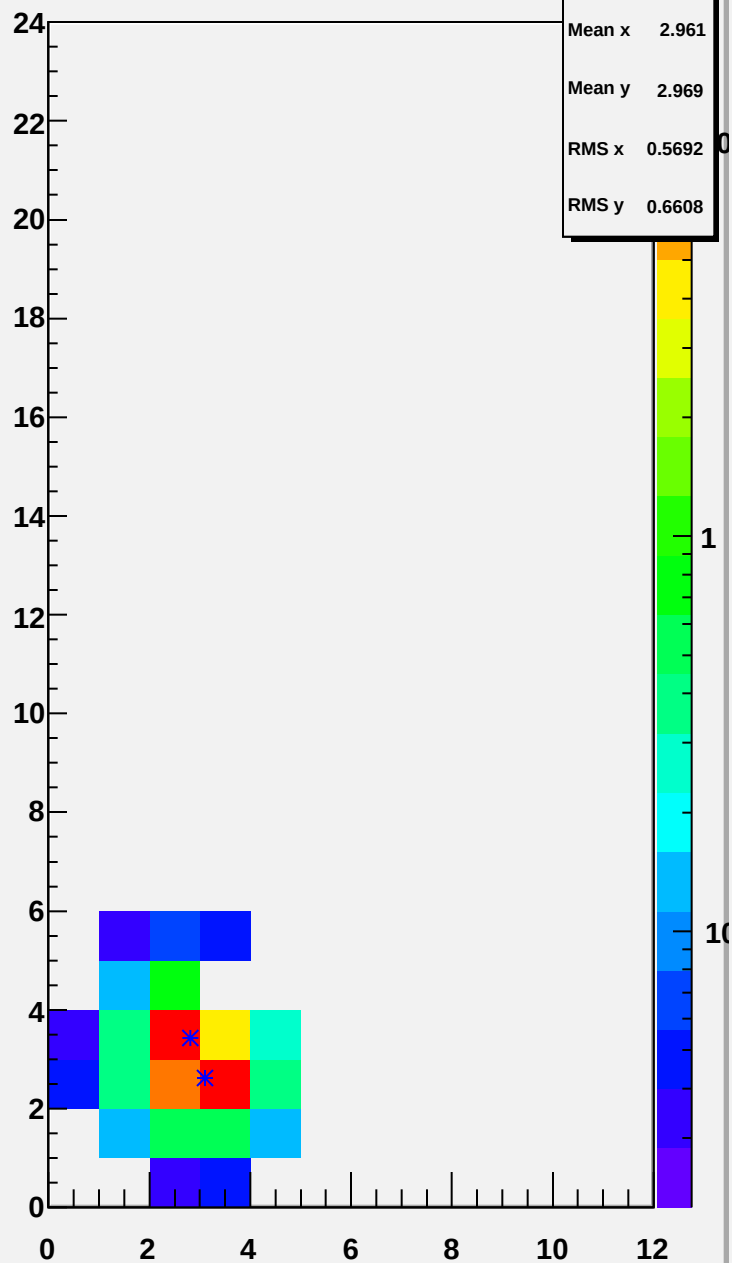
Efit

Entries	288
Mean x	1.599
Mean y	5.415
RMS x	0.4137
RMS y	0.4795

NSTB3_r4_c3_En=52.5_m0=0.136 m1=0.135 index=2484



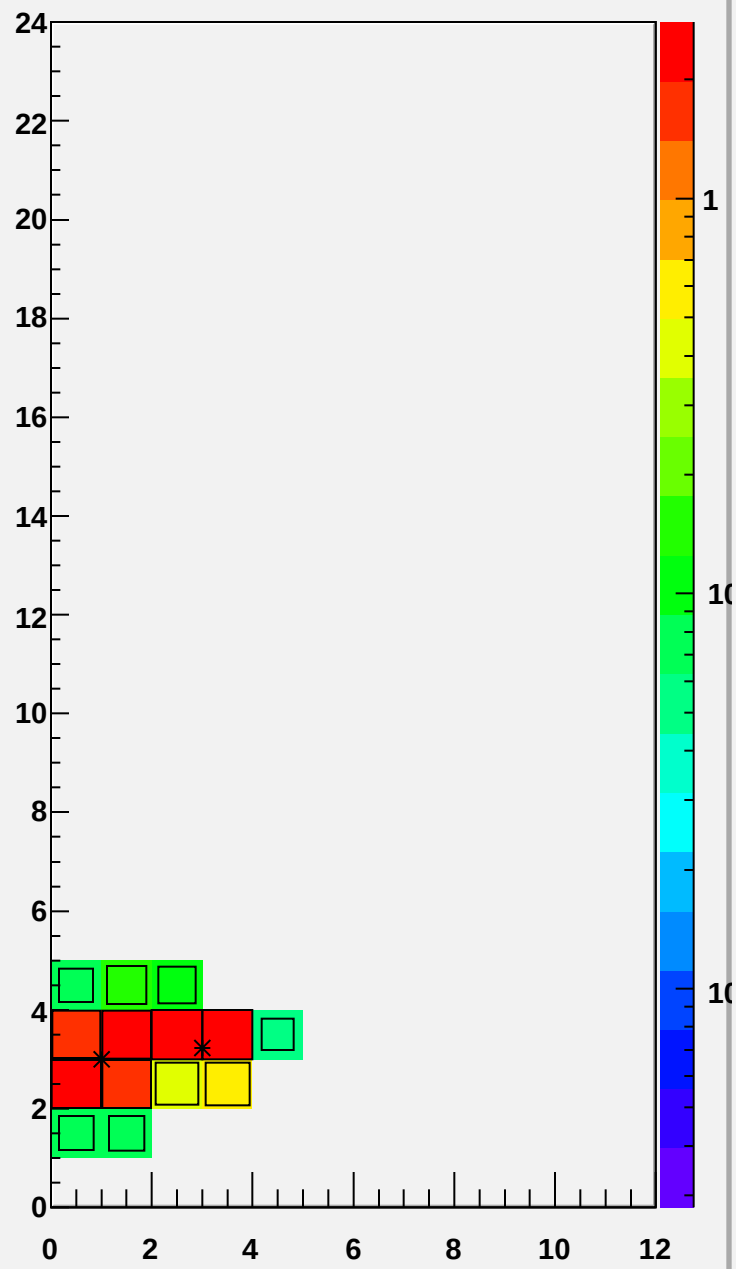
Fitted Energies



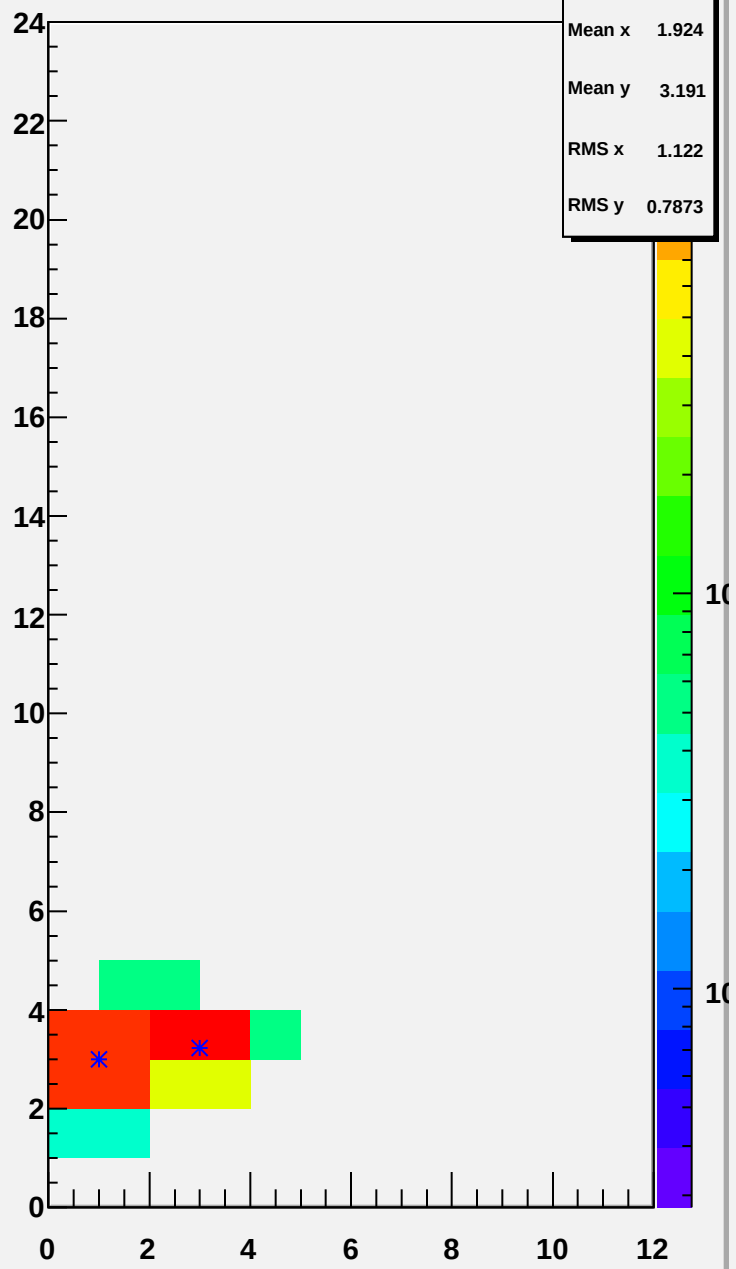
Efit

Entries	288
Mean x	2.961
Mean y	2.969
RMS x	0.5692
RMS y	0.6608

NSTB3_r4_c3_En=14.4_m0=0.080 m1=0.080 index=2485



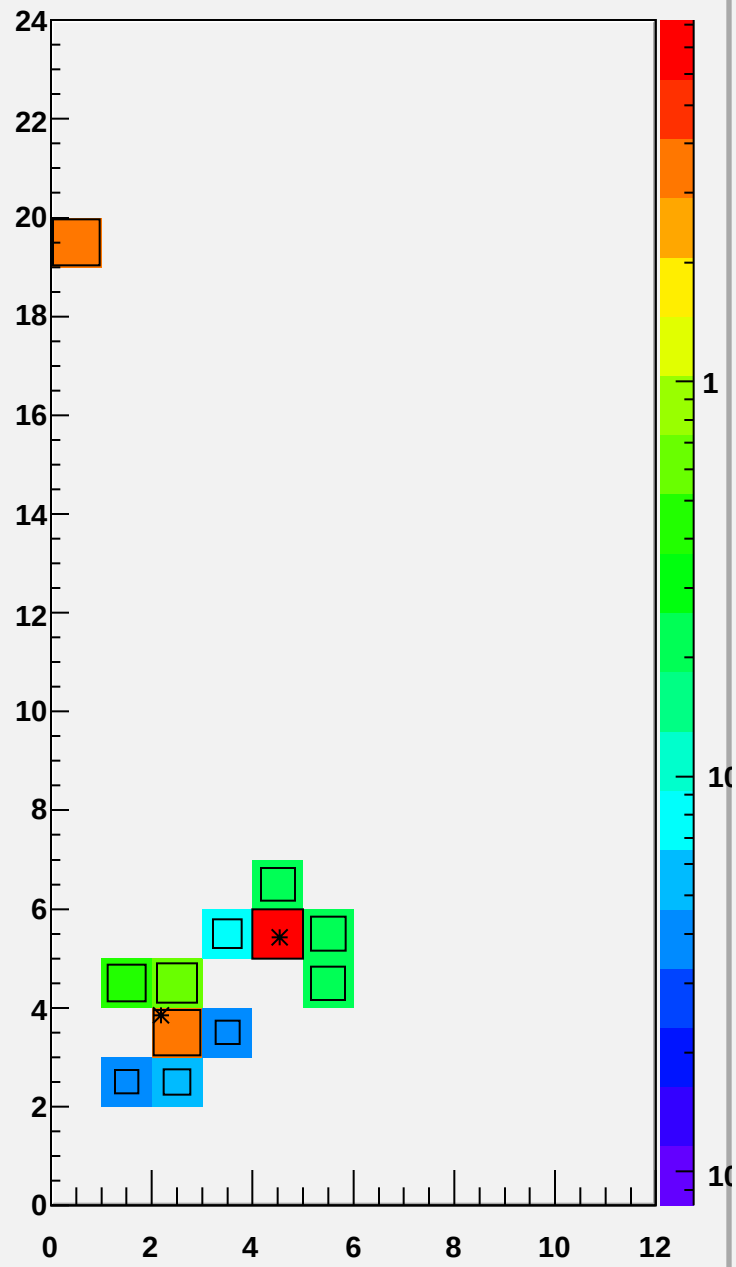
Fitted Energies



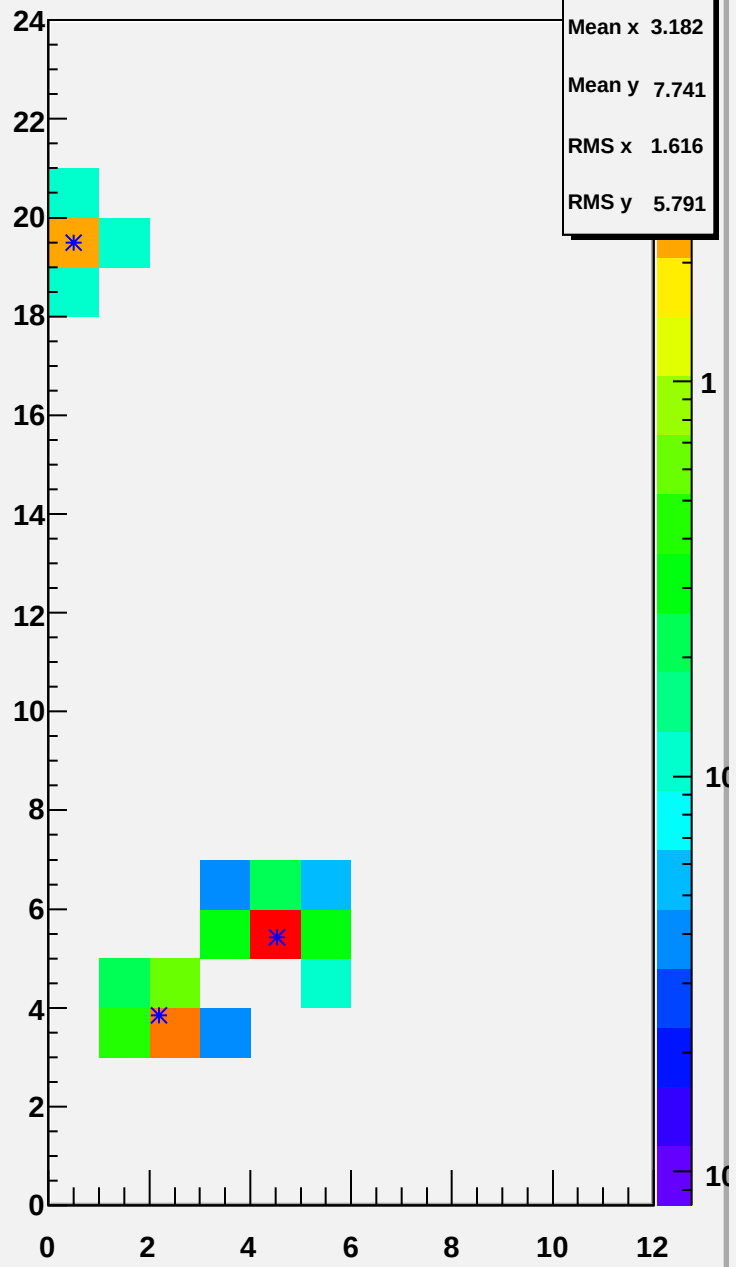
Efit

Entries	288
Mean x	1.924
Mean y	3.191
RMS x	1.122
RMS y	0.7873

NSTB3_r4_c3_En=16.4_m0=0.105 m1=0.105 index=2486



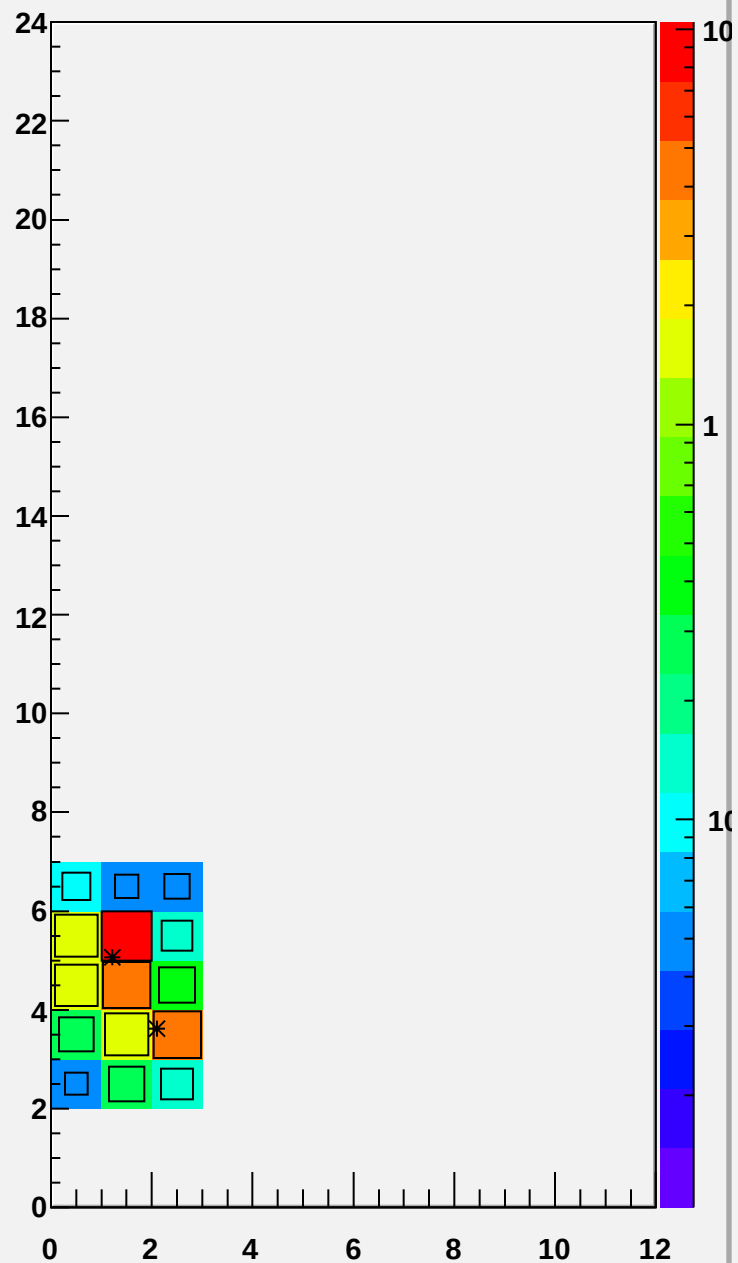
Fitted Energies



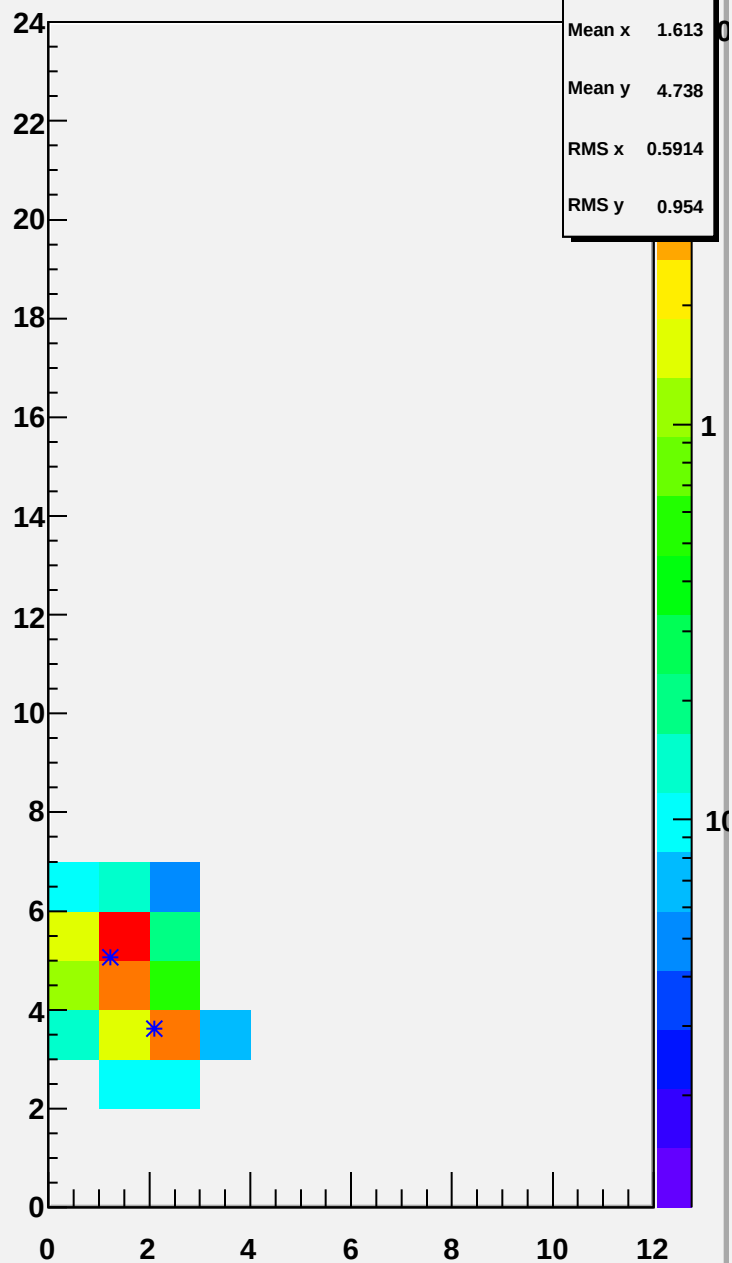
Efit

Entries 288
Mean x 3.182
Mean y 7.741
RMS x 1.616
RMS y 5.791

NSTB3_r4_c3_En=25.3_m0=0.109 m1=0.109 index=2487



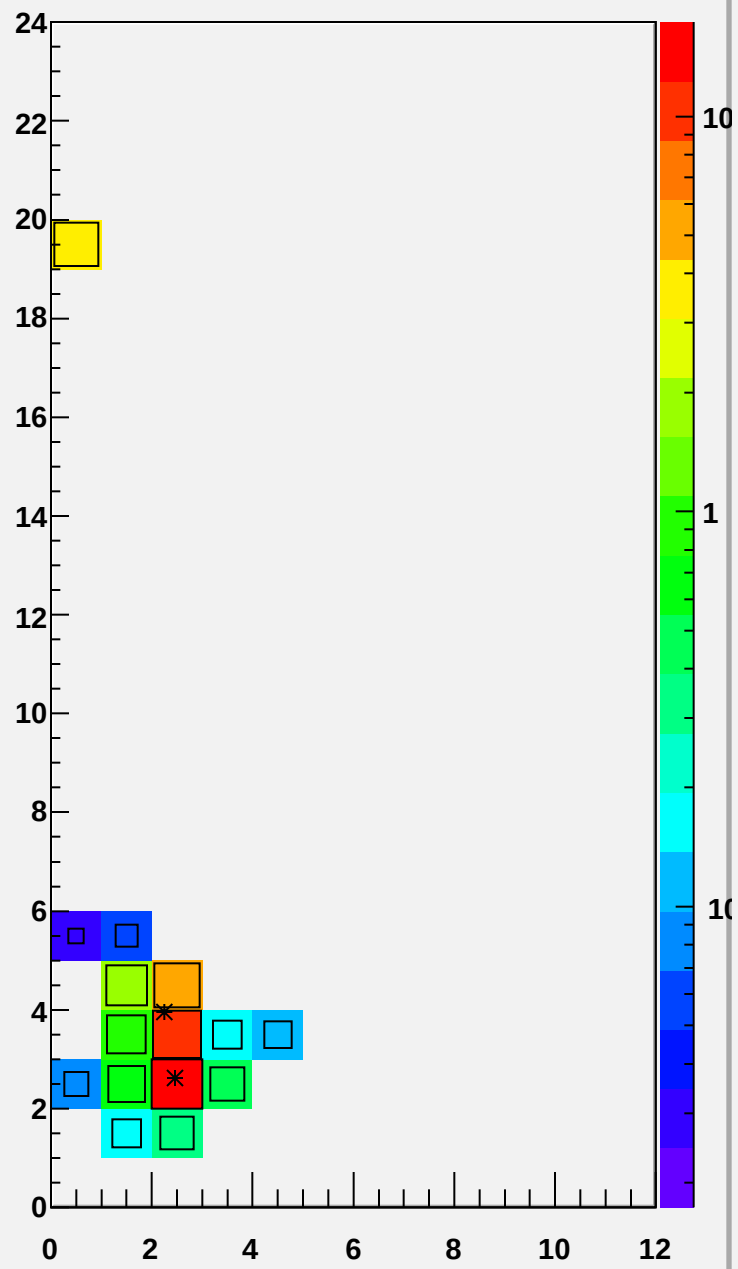
Fitted Energies



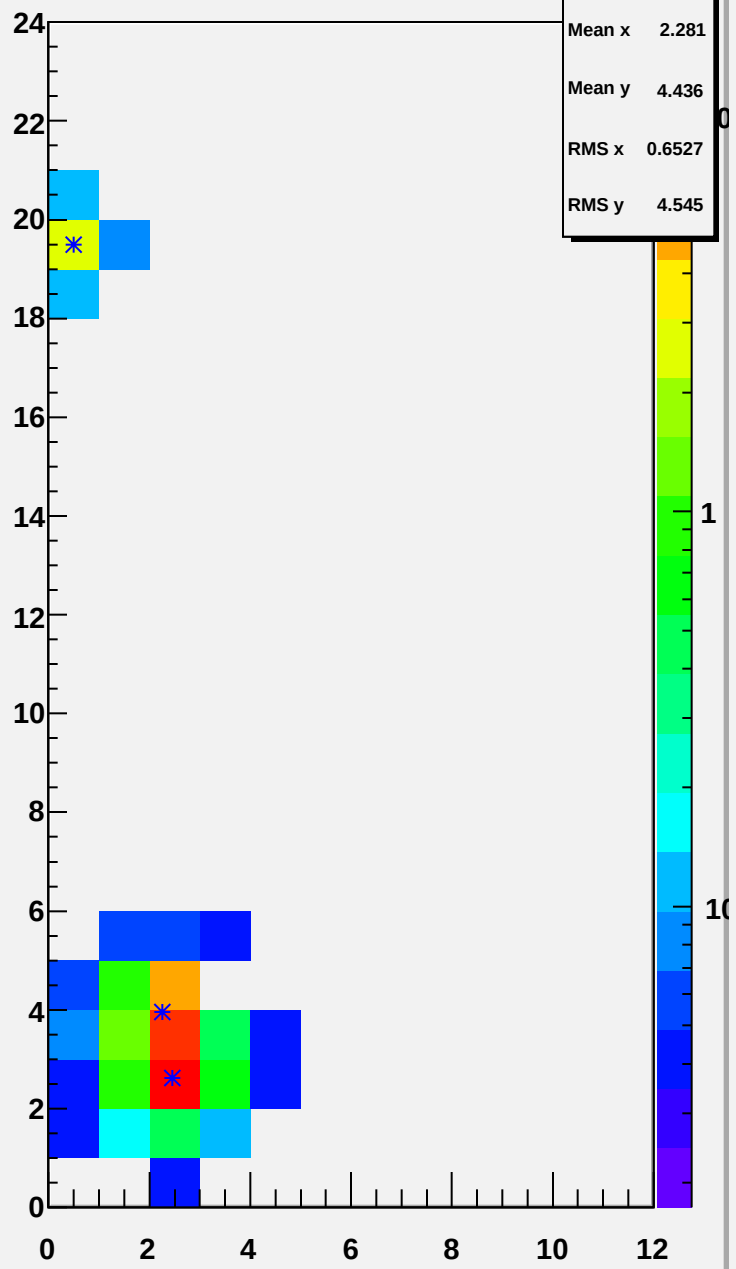
Efit

Entries	288
Mean x	1.613
Mean y	4.738
RMS x	0.5914
RMS y	0.954

NSTB3_r4_c3_En=39.1_m0=0.134 m1=0.134 index=2488



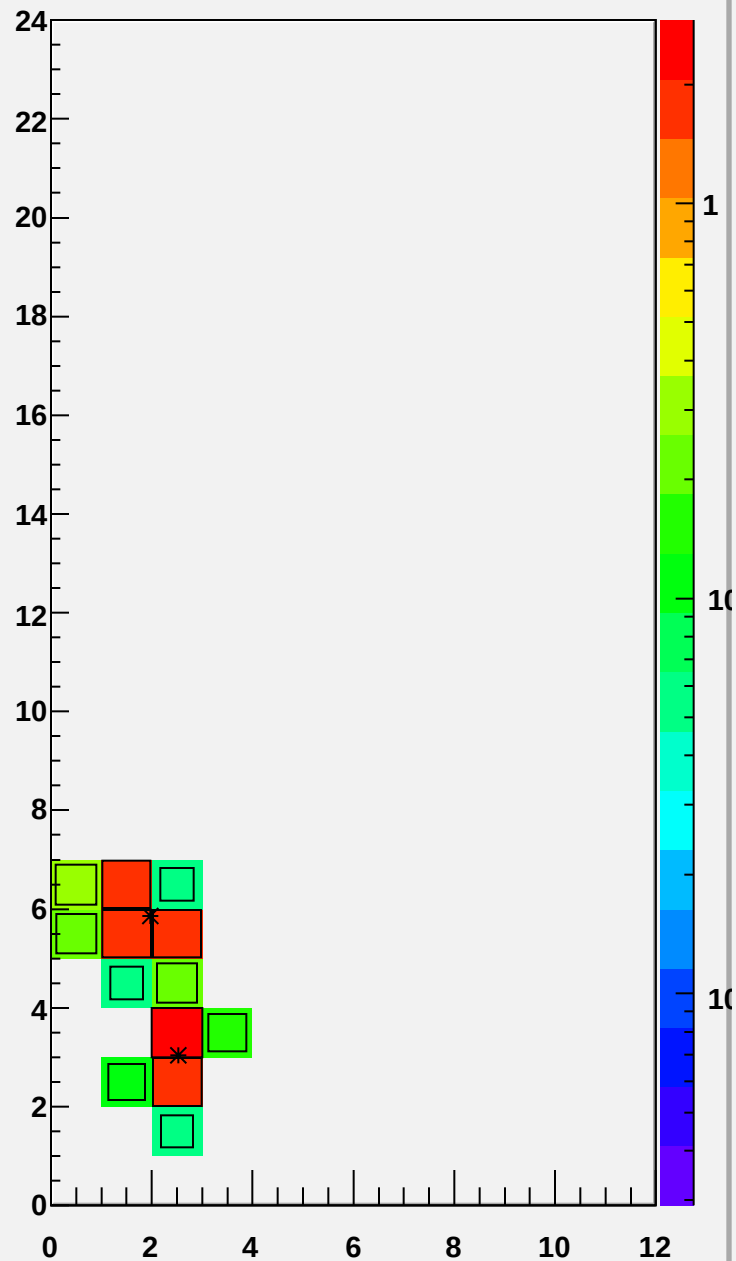
Fitted Energies



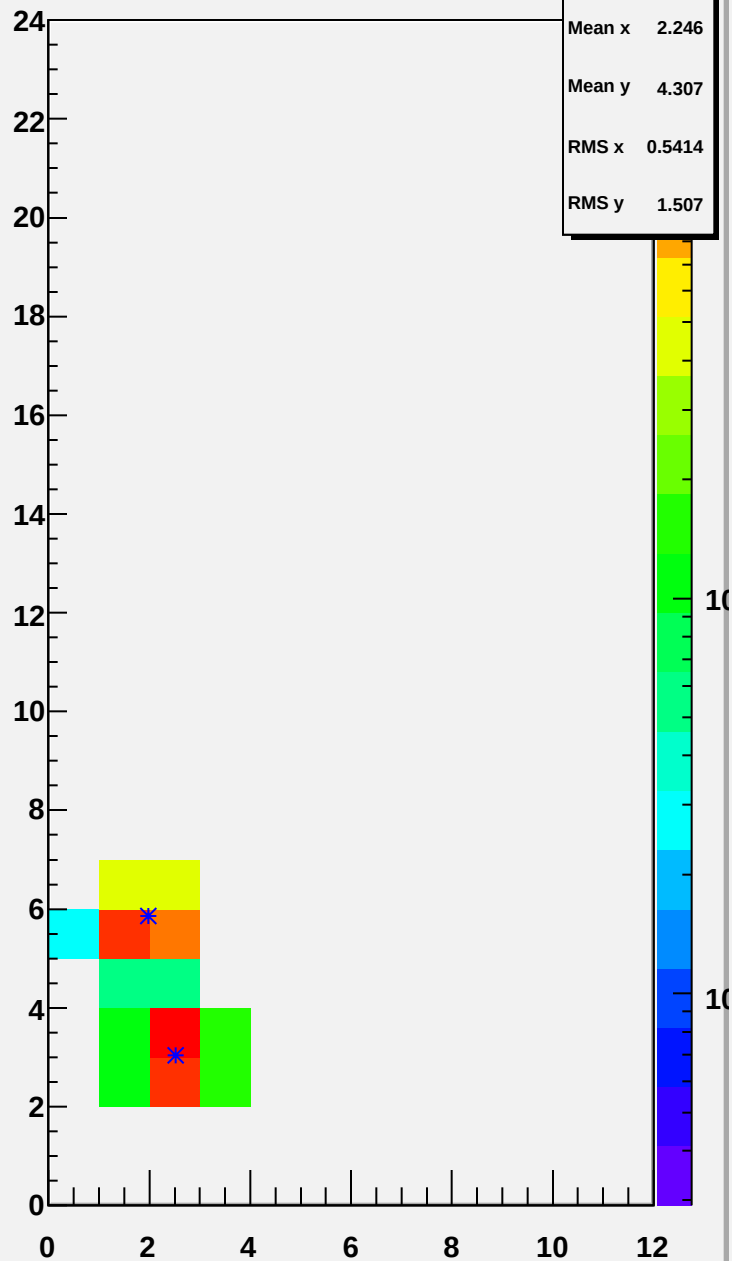
Efit

Entries	288
Mean x	2.281
Mean y	4.436
RMS x	0.6527
RMS y	4.545

NSTB3_r4_c3_En=10.7_m0=0.079 m1=0.079 index=2489



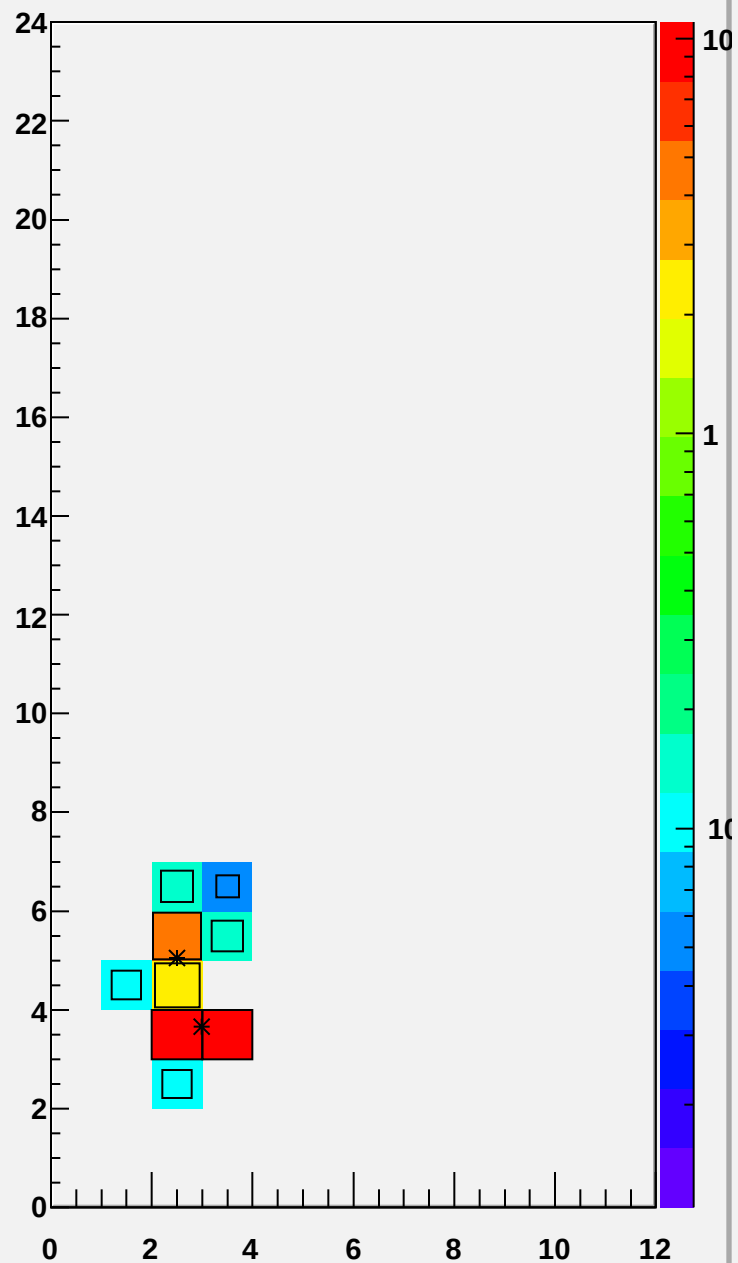
Fitted Energies



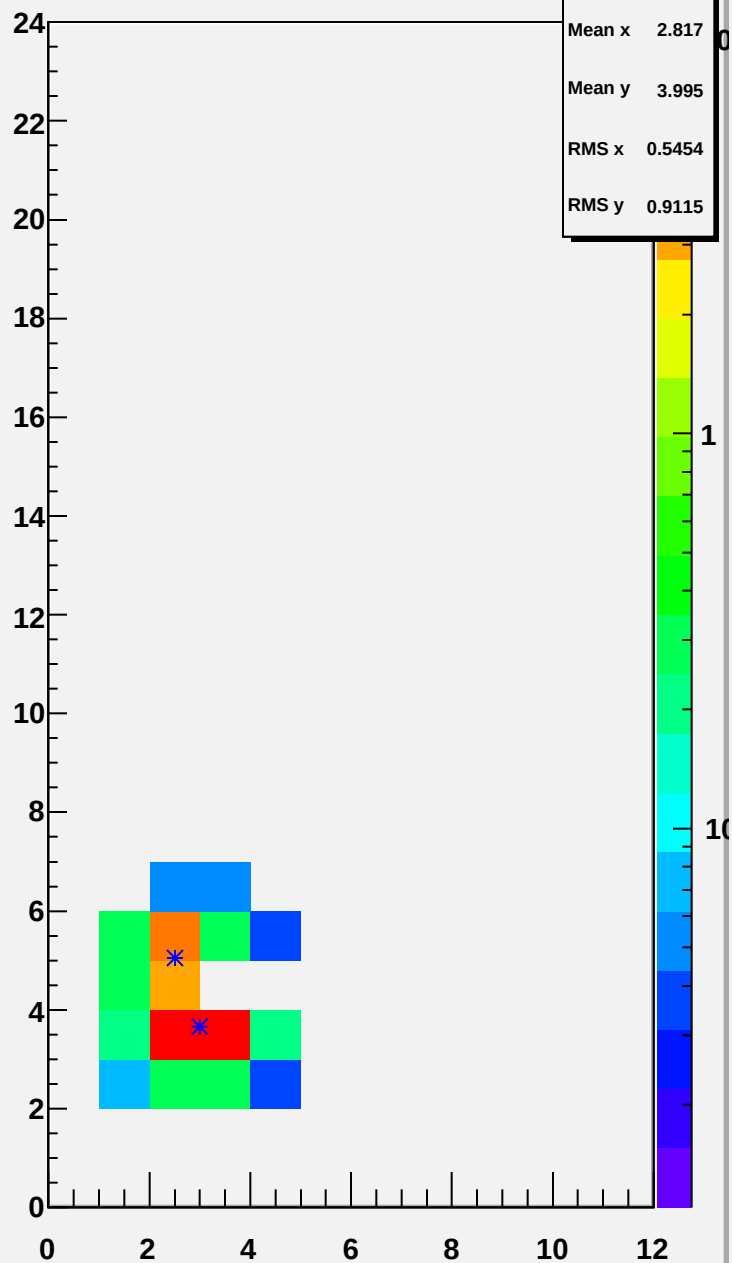
Efit

Entries	288
Mean x	2.246
Mean y	4.307
RMS x	0.5414
RMS y	1.507

NSTB3_r4_c3_En=28.9_m0=0.116 m1=0.116 index=2490



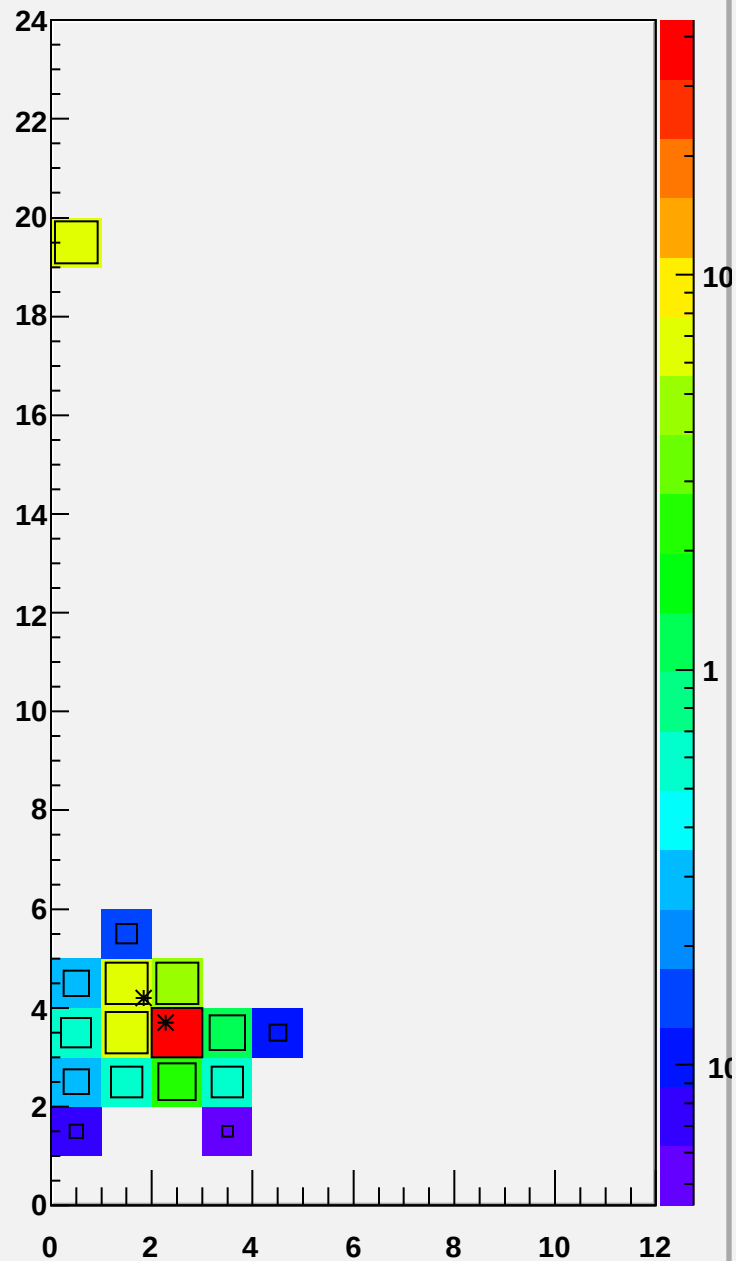
Fitted Energies



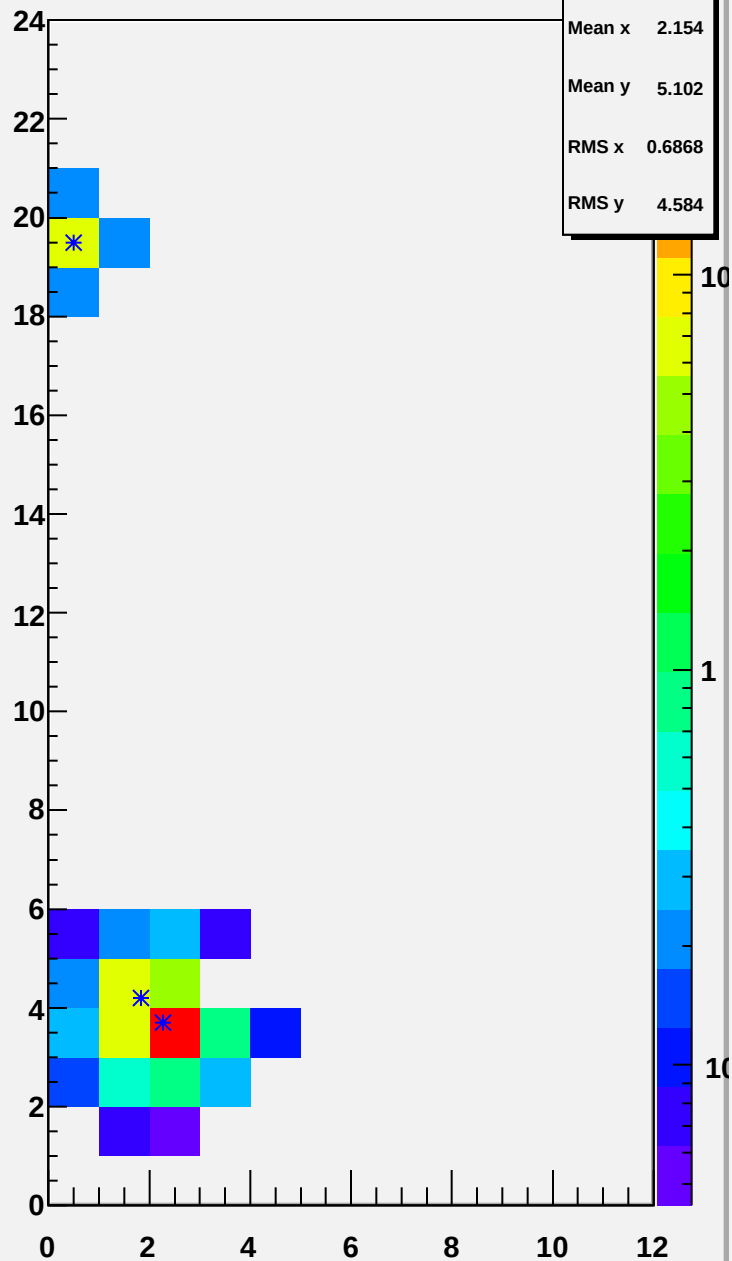
Efit

Entries	288
Mean x	2.817
Mean y	3.995
RMS x	0.5454
RMS y	0.9115

NSTB3_r4_c3_En=73.7_m0=0.071 m1=0.071 index=2491



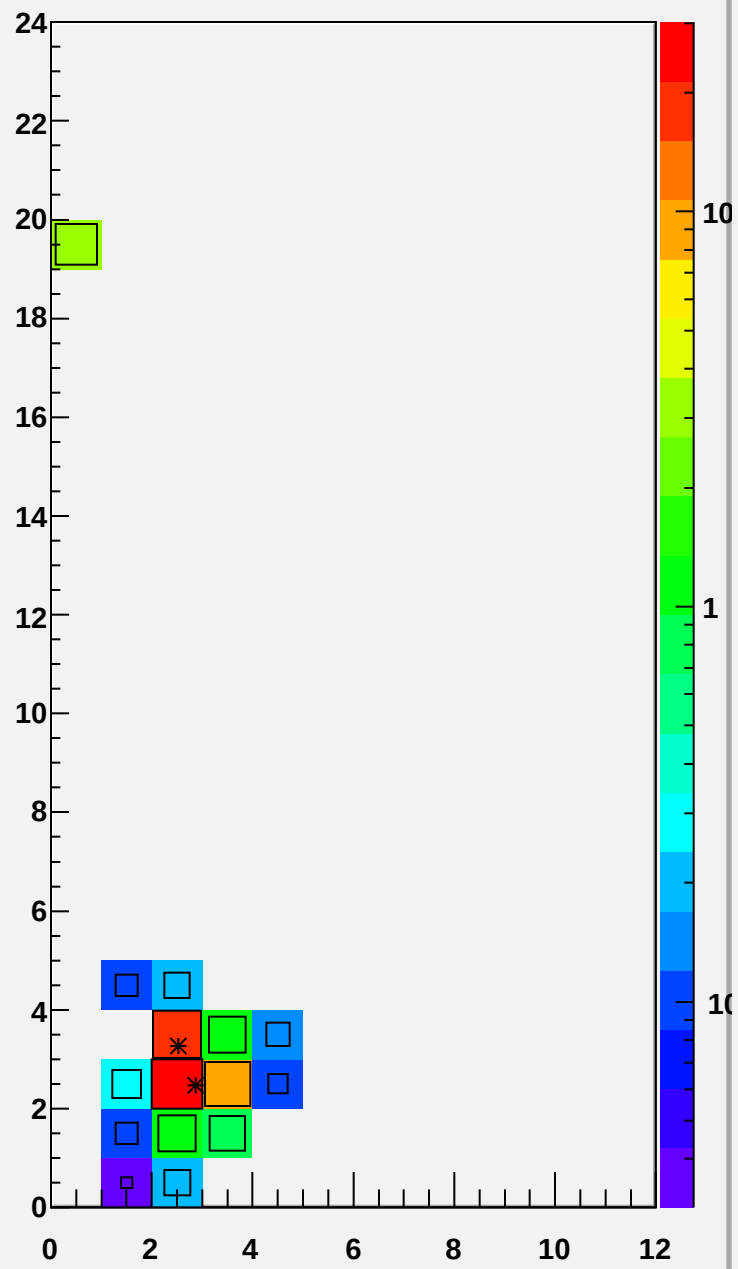
Fitted Energies



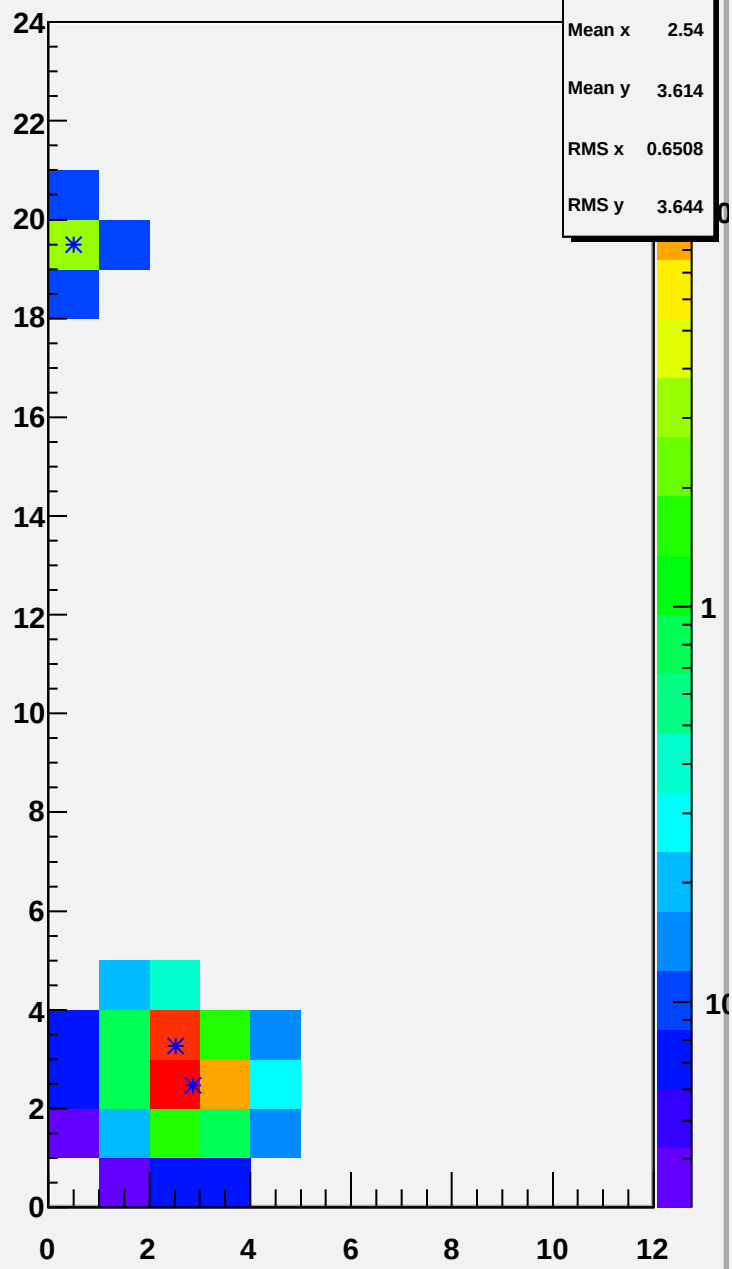
Efit

Entries	288
Mean x	2.154
Mean y	5.102
RMS x	0.6868
RMS y	4.584

NSTB3_r4_c3_En=64.0_m0=0.141 m1=0.141 index=2492



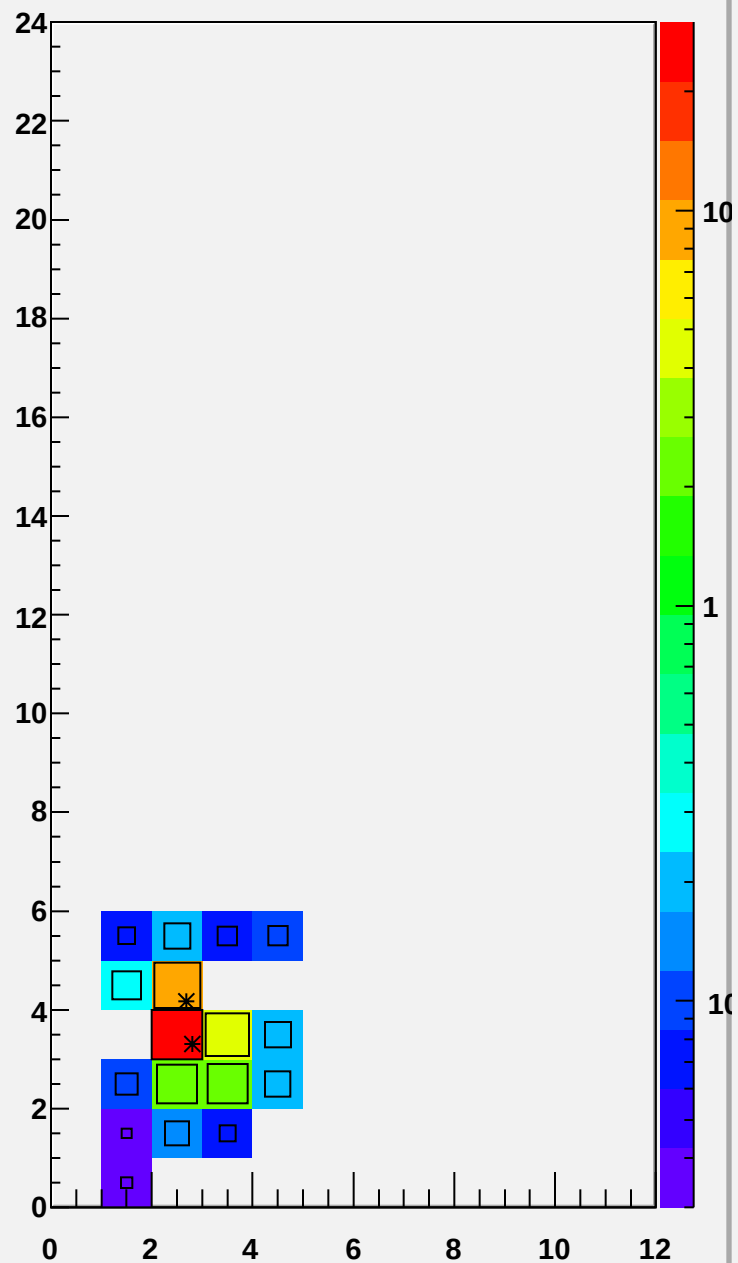
Fitted Energies



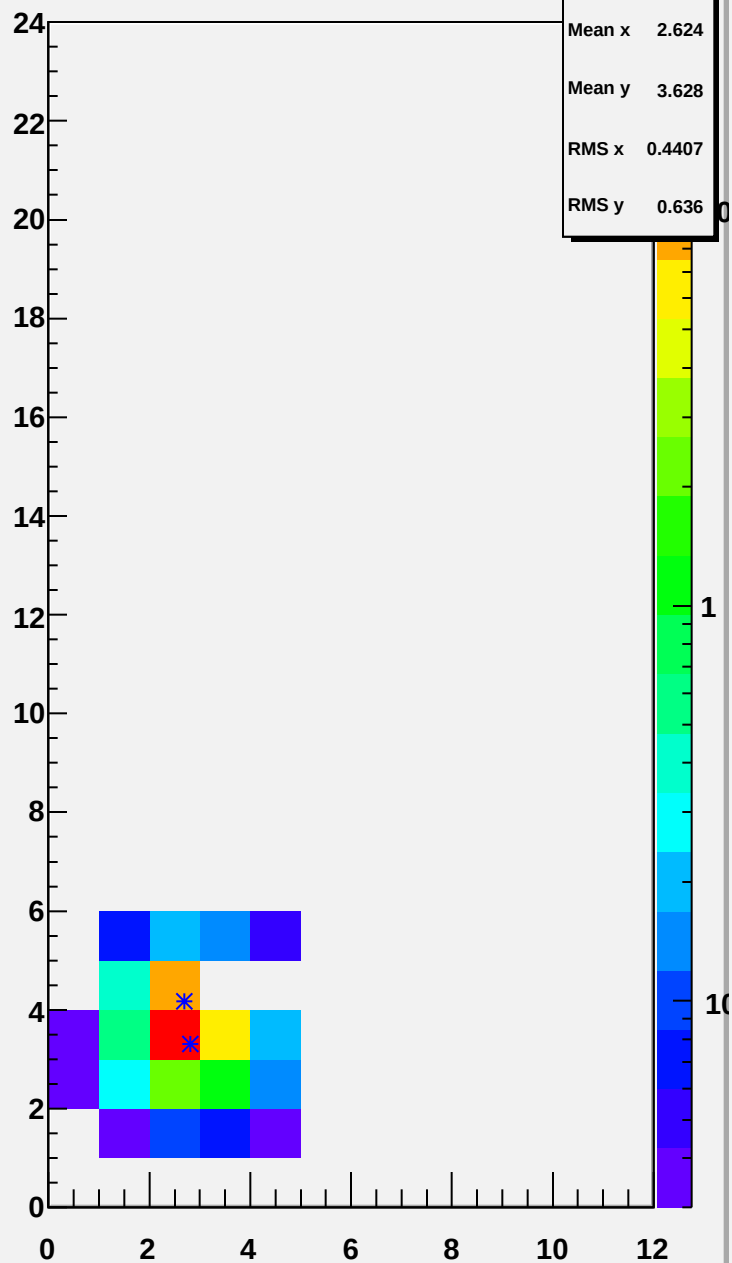
Efit

Entries	288
Mean x	2.54
Mean y	3.614
RMS x	0.6508
RMS y	3.644

NSTB3_r4_c3_En=51.0_m0=0.106 m1=0.107 index=2493



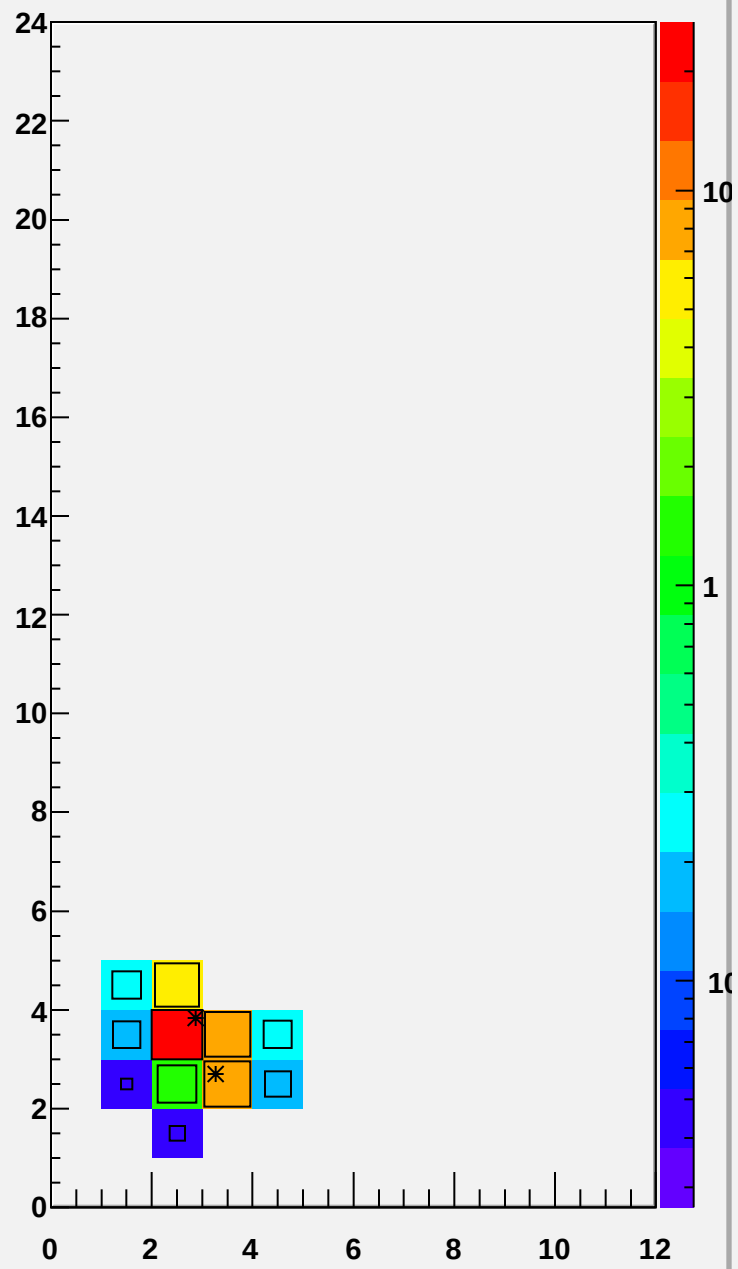
Fitted Energies



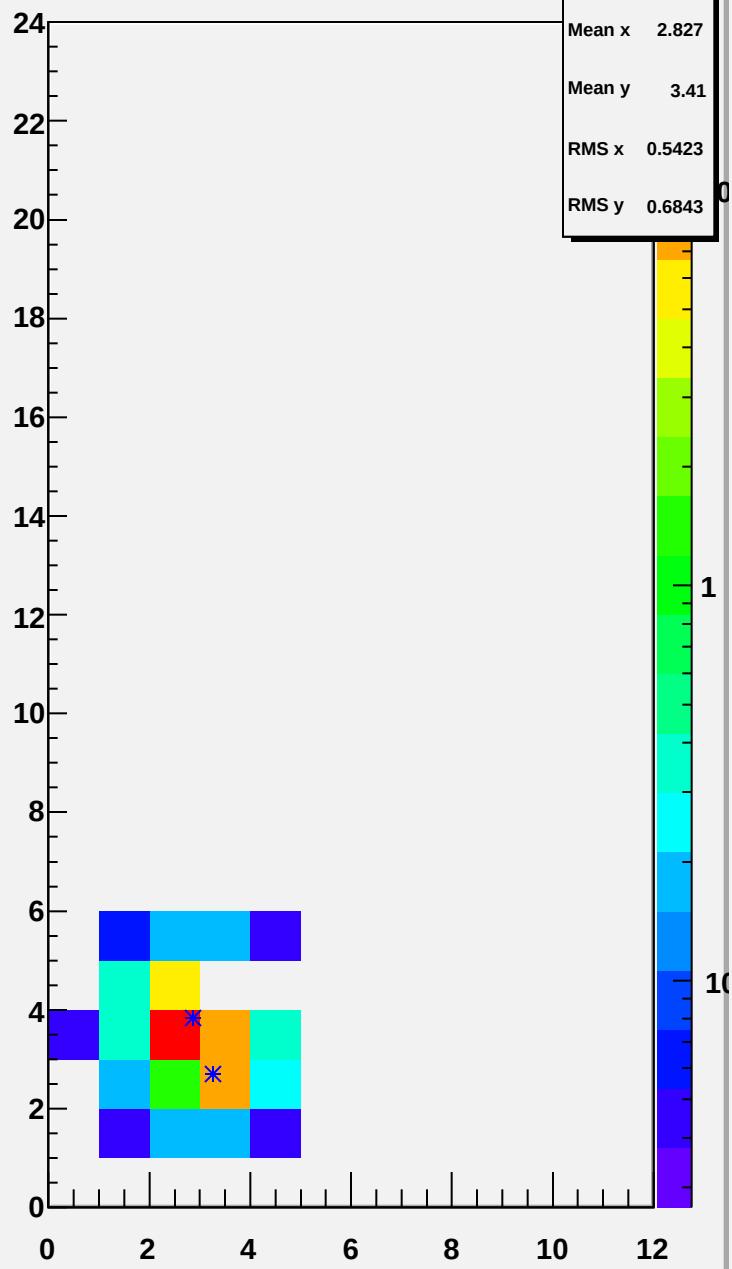
Efit

Entries	288
Mean x	2.624
Mean y	3.628
RMS x	0.4407
RMS y	0.636

NSTB3_r4_c3_En=51.0_m0=0.148 m1=0.148 index=2494



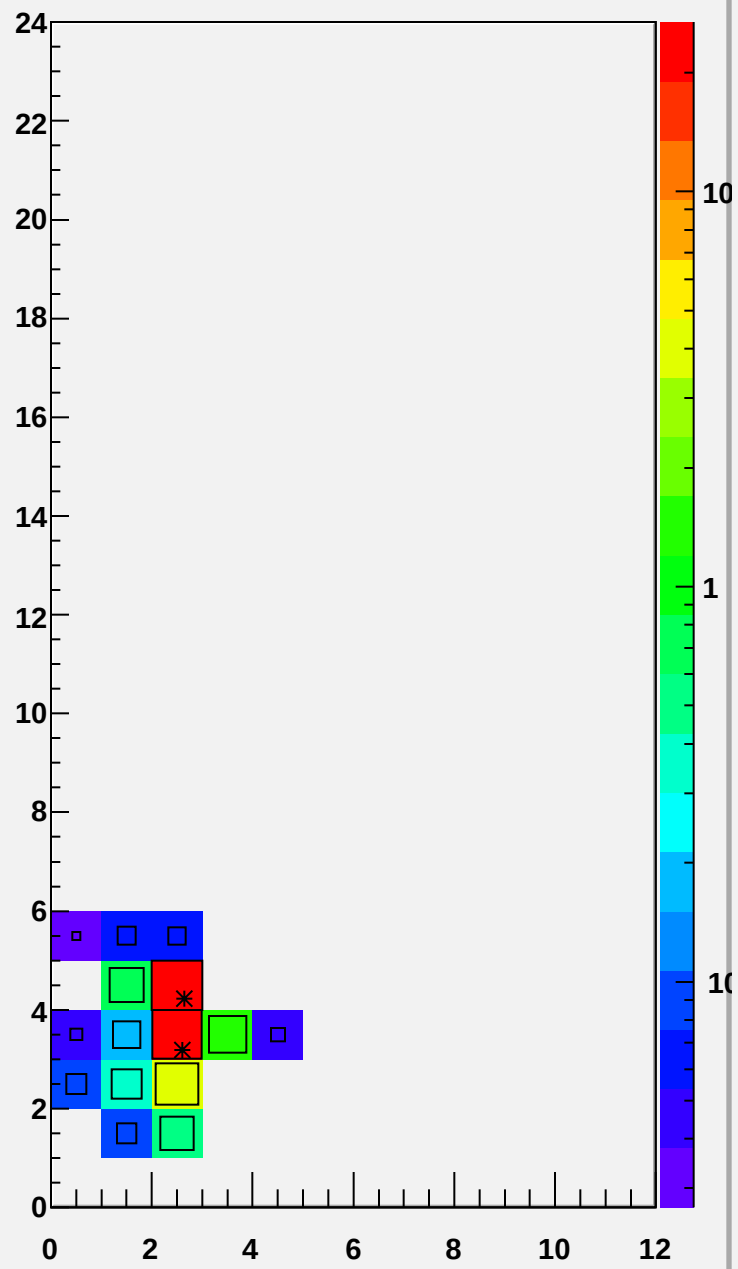
Fitted Energies



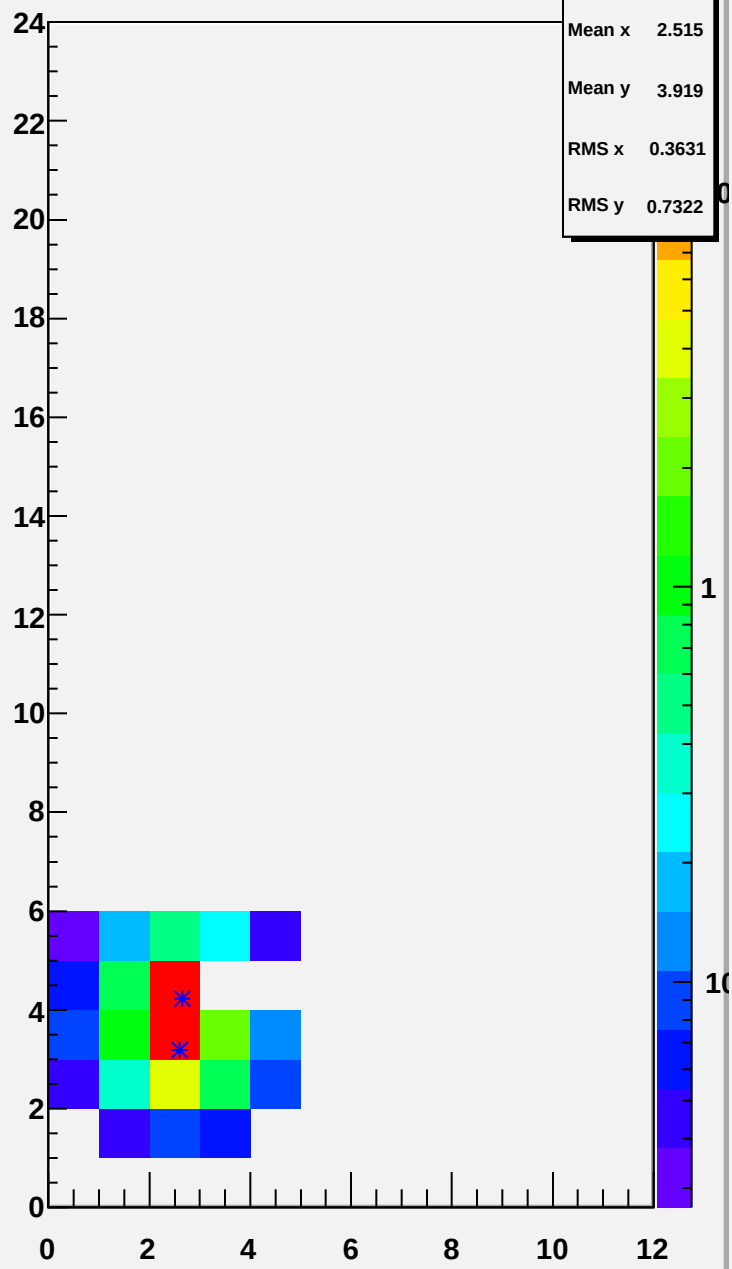
Efit

Entries	288
Mean x	2.827
Mean y	3.41
RMS x	0.5423
RMS y	0.6843

NSTB3_r4_c3_En=56.9_m0=0.169 m1=0.170 index=2495



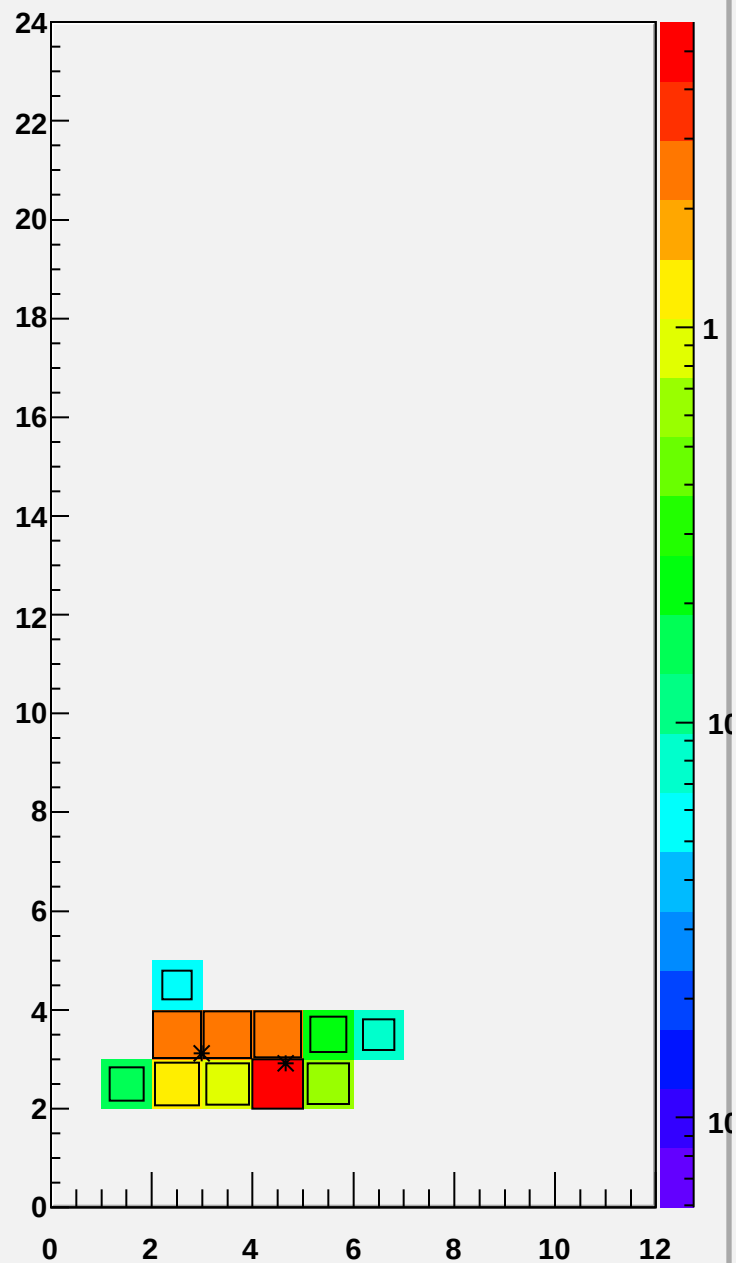
Fitted Energies



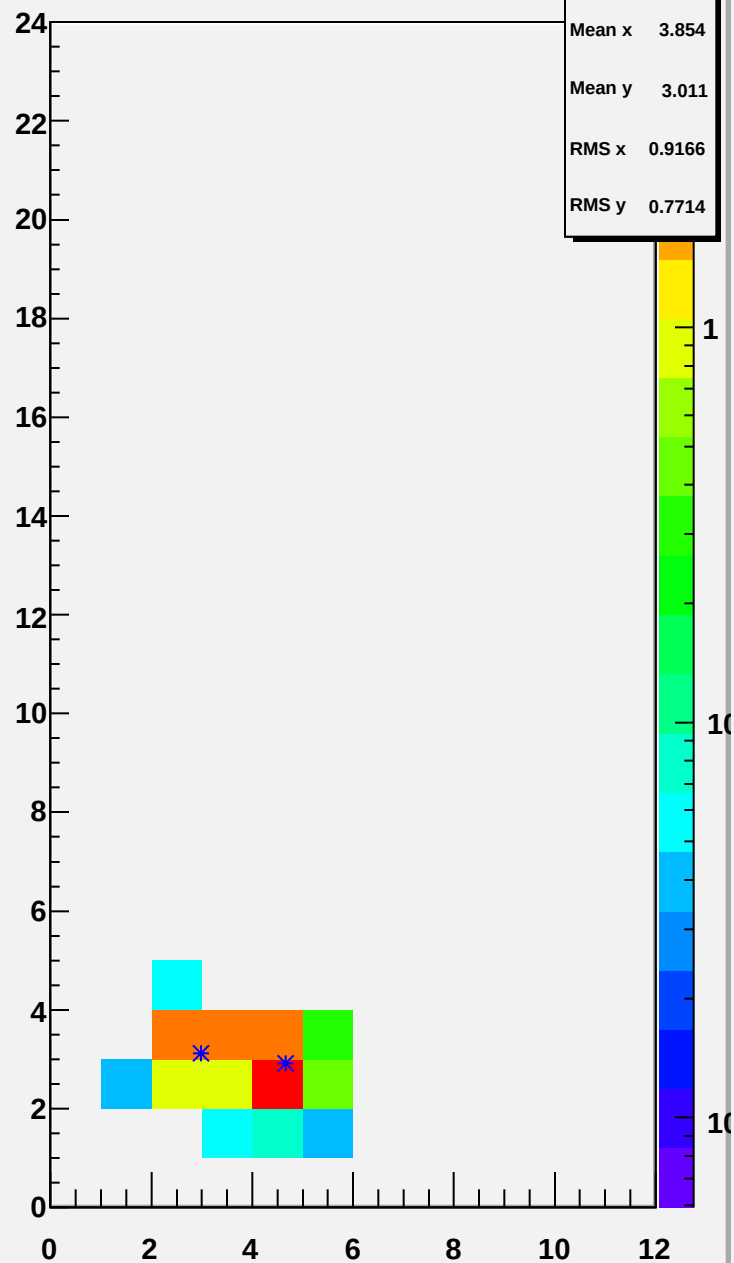
Efit

Entries	288
Mean x	2.515
Mean y	3.919
RMS x	0.3631
RMS y	0.7322

NSTB3_r4_c3_En=16.8_m0=0.078 m1=0.078 index=2496



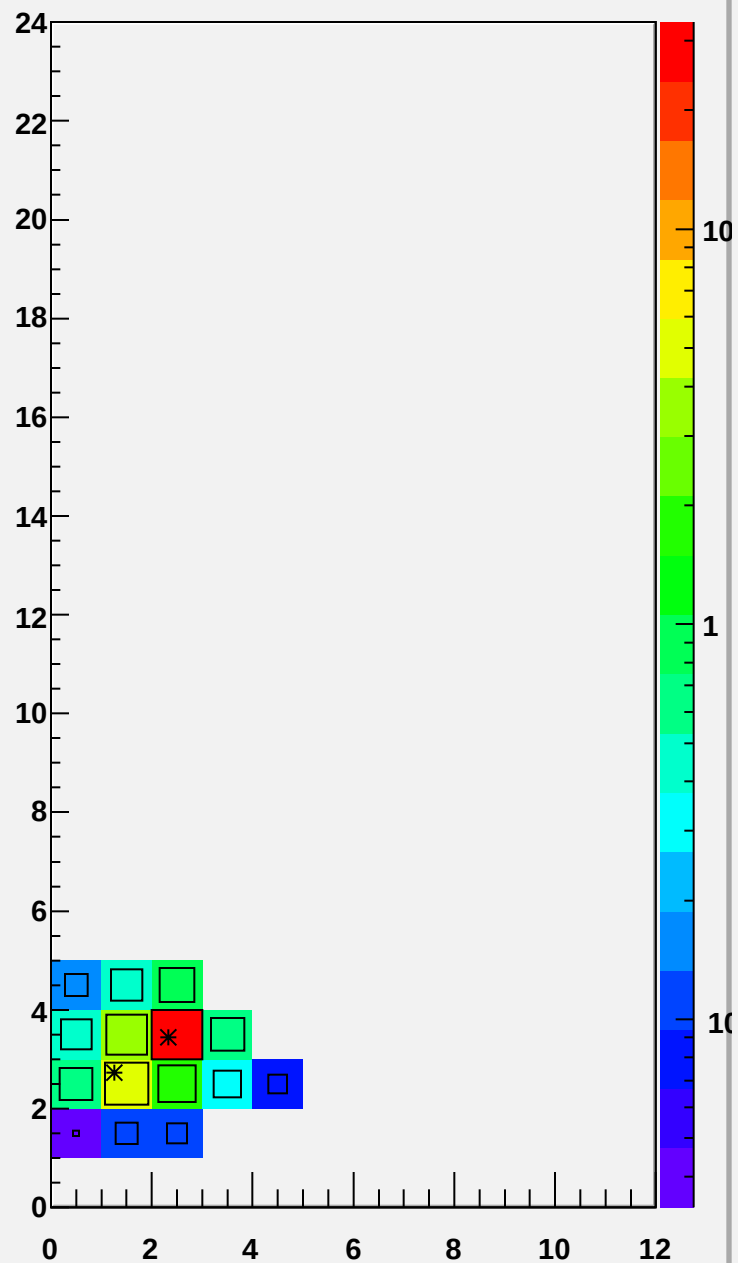
Fitted Energies



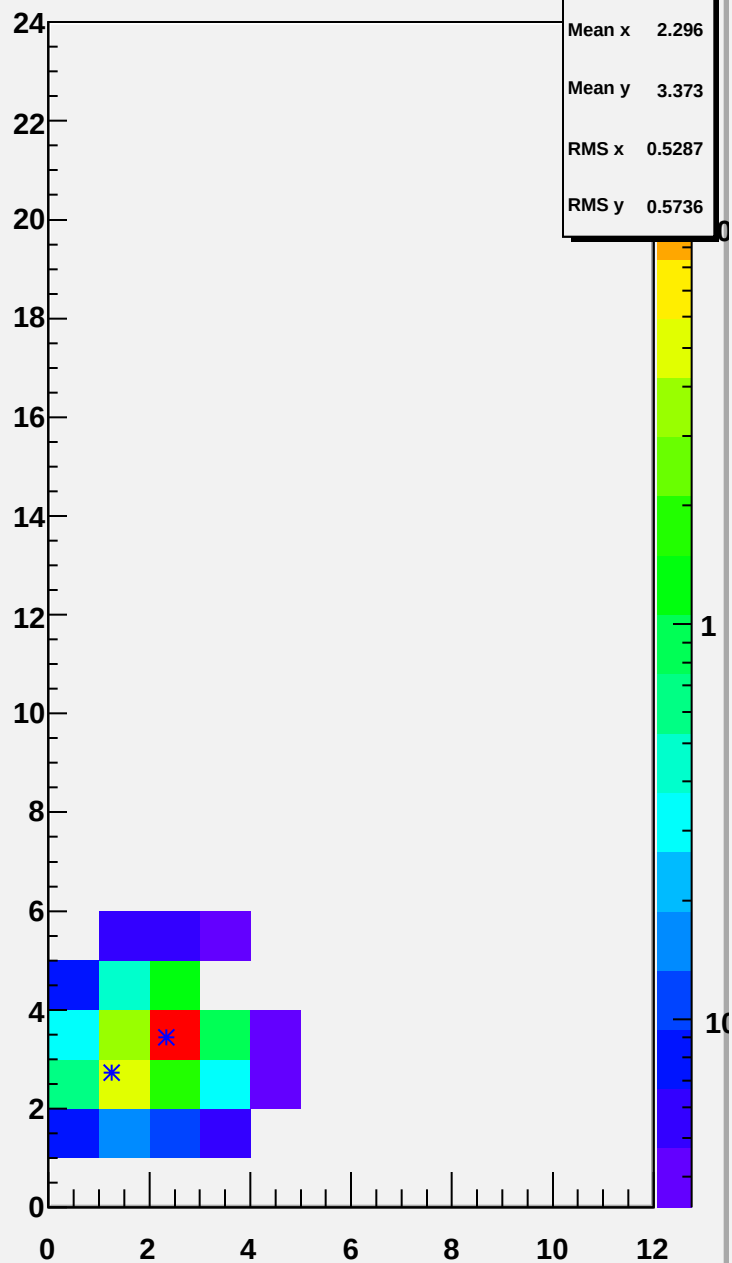
Efit

Entries	288
Mean x	3.854
Mean y	3.011
RMS x	0.9166
RMS y	0.7714

NSTB3_r4_c3_En=47.1_m0=0.111 m1=0.111 index=2497



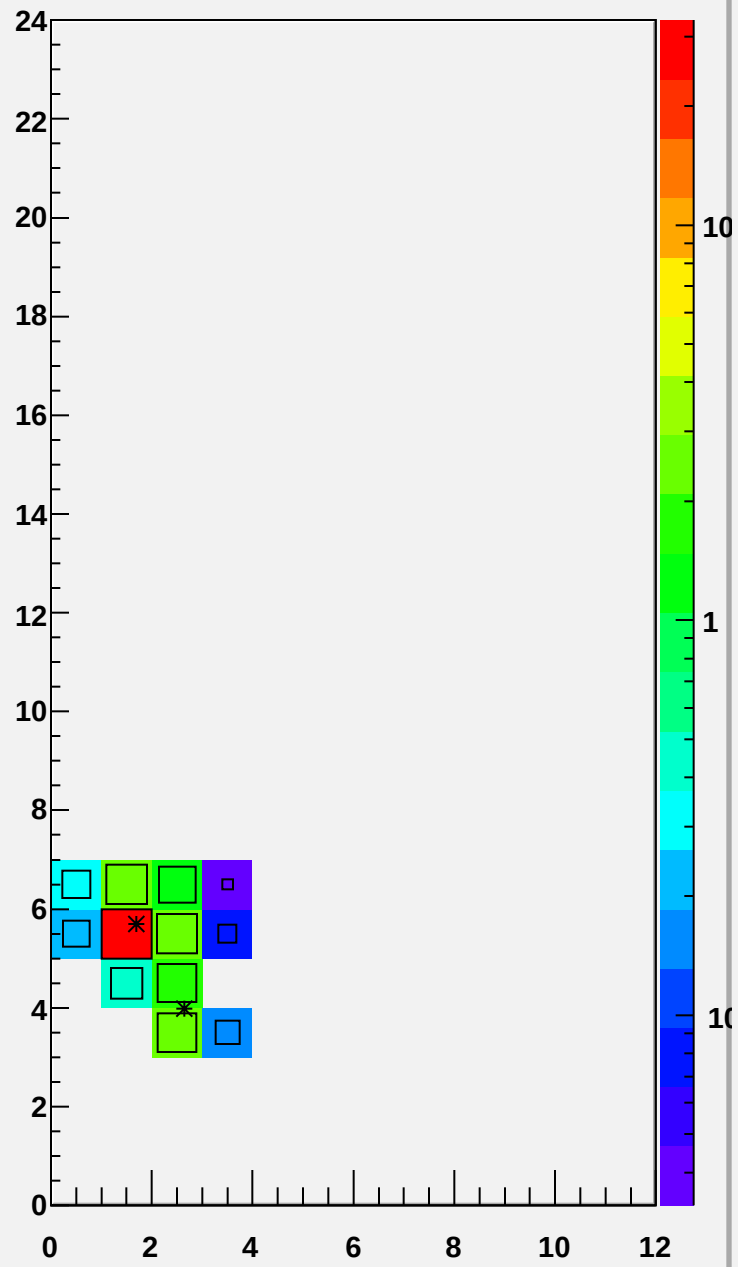
Fitted Energies



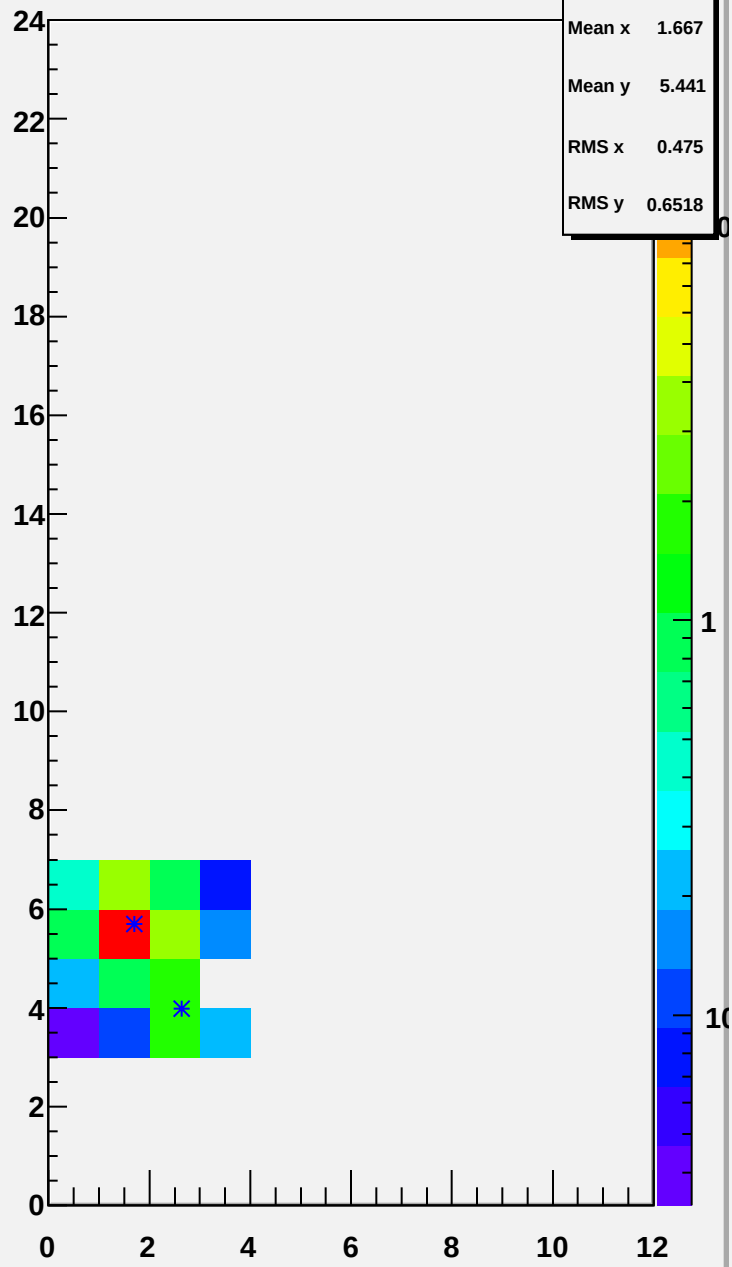
Efit

Entries	288
Mean x	2.296
Mean y	3.373
RMS x	0.5287
RMS y	0.5736

NSTB3_r4_c3_En=45.1_m0=0.143 m1=0.144 index=2498



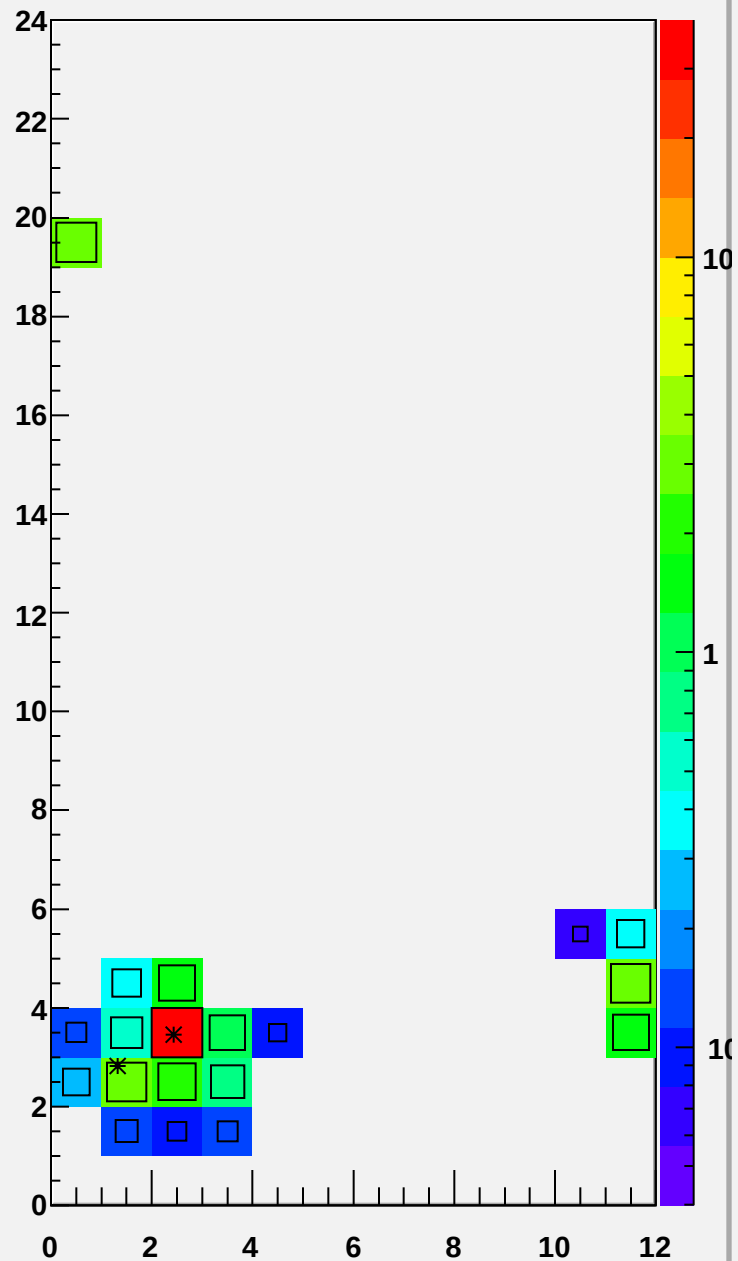
Fitted Energies



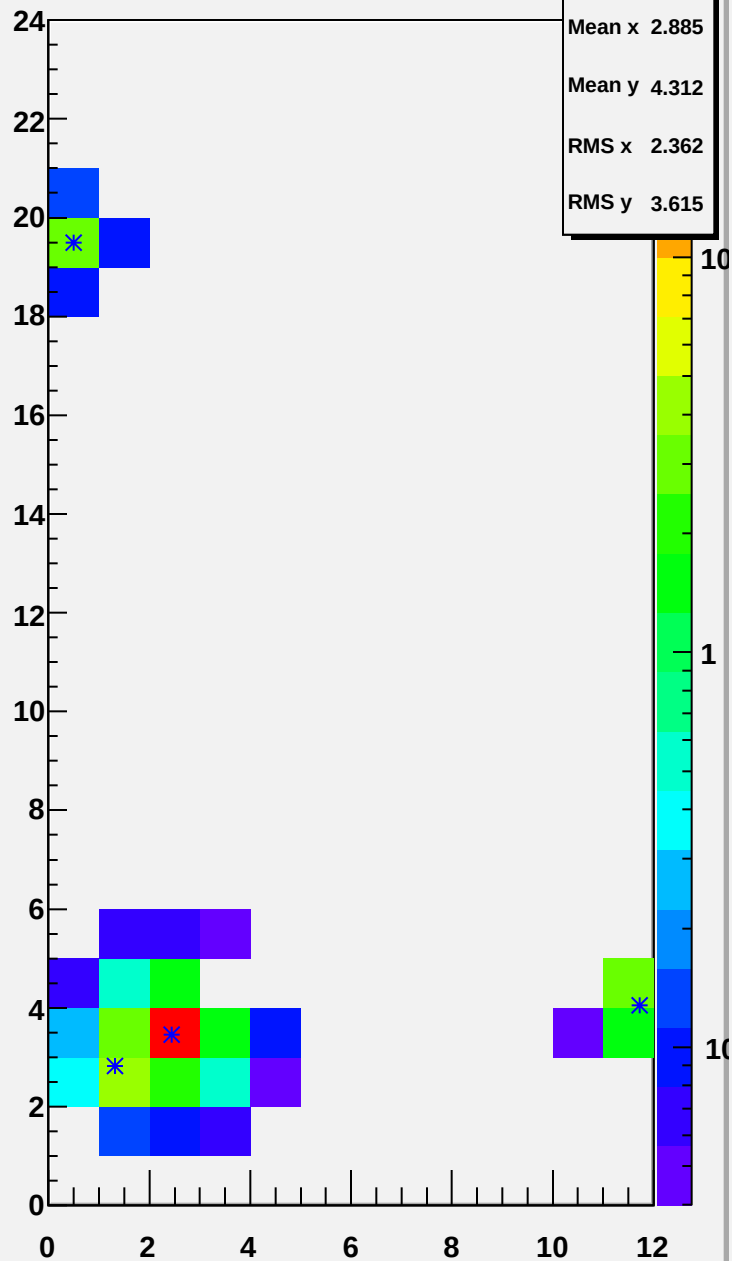
Efit

Entries	288
Mean x	1.667
Mean y	5.441
RMS x	0.475
RMS y	0.6518

NSTB3_r4_c3_En=57.6_m0=0.102 m1=0.101 index=2499



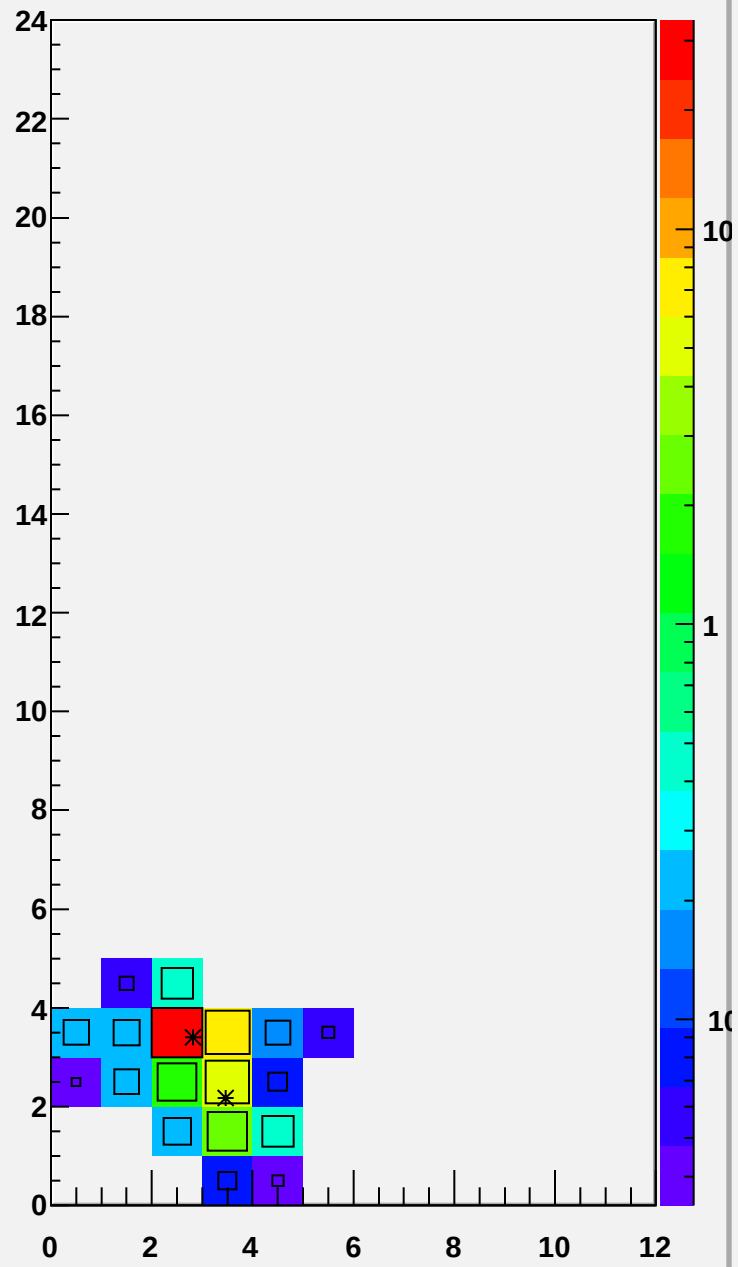
Fitted Energies



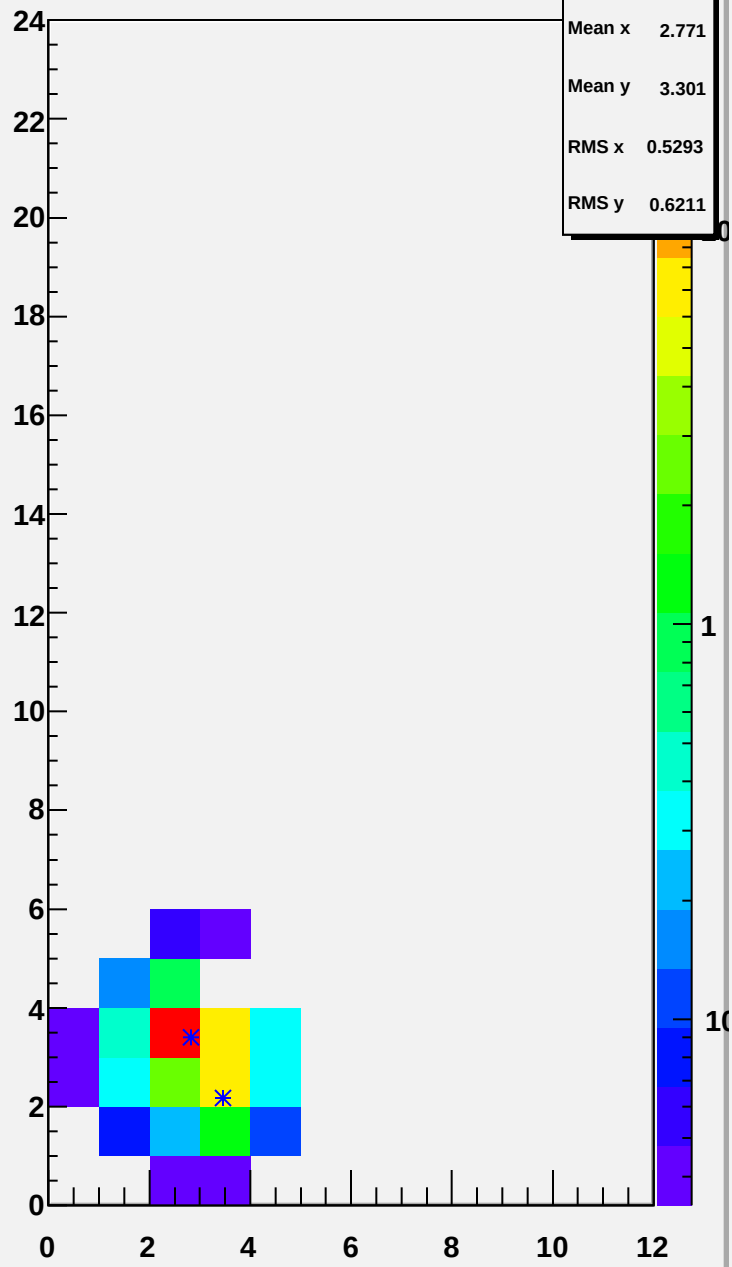
Efit

Entries 288
Mean x 2.885
Mean y 4.312
RMS x 2.362
RMS y 3.615

NSTB3_r4_c3_En=52.9_m0=0.137 m1=0.136 index=2500



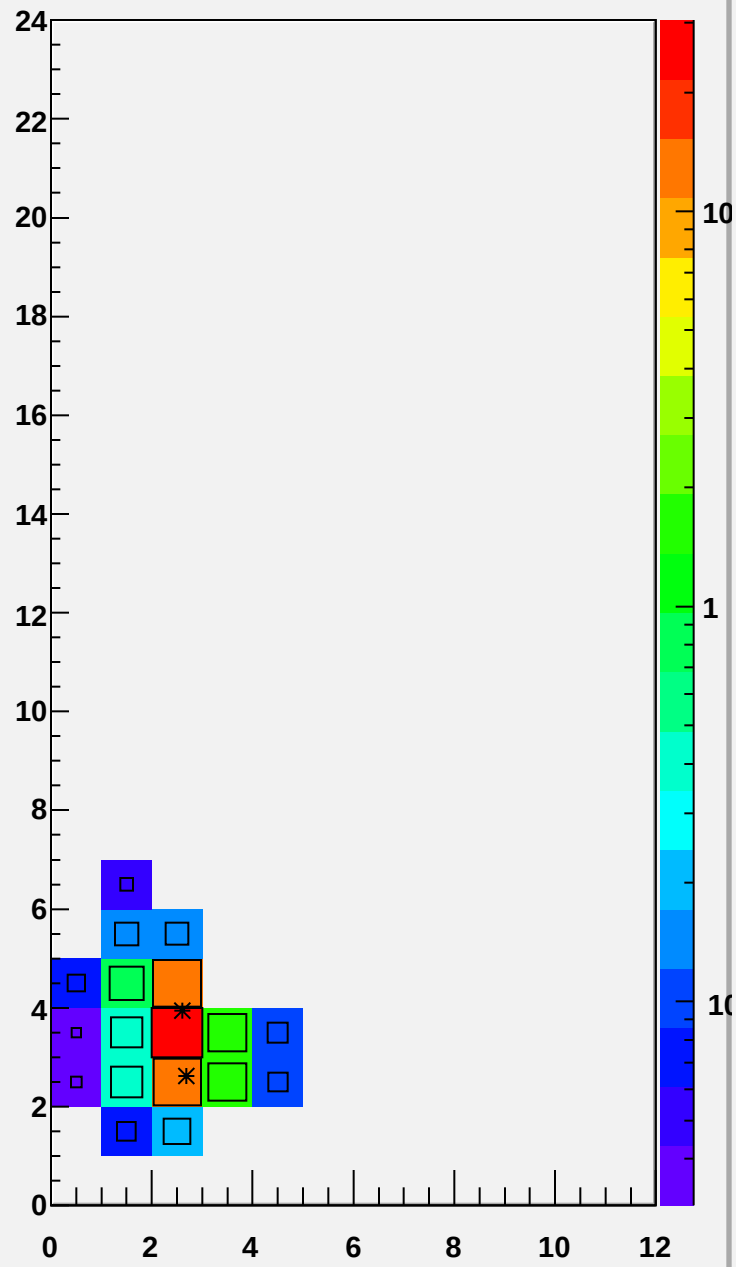
Fitted Energies



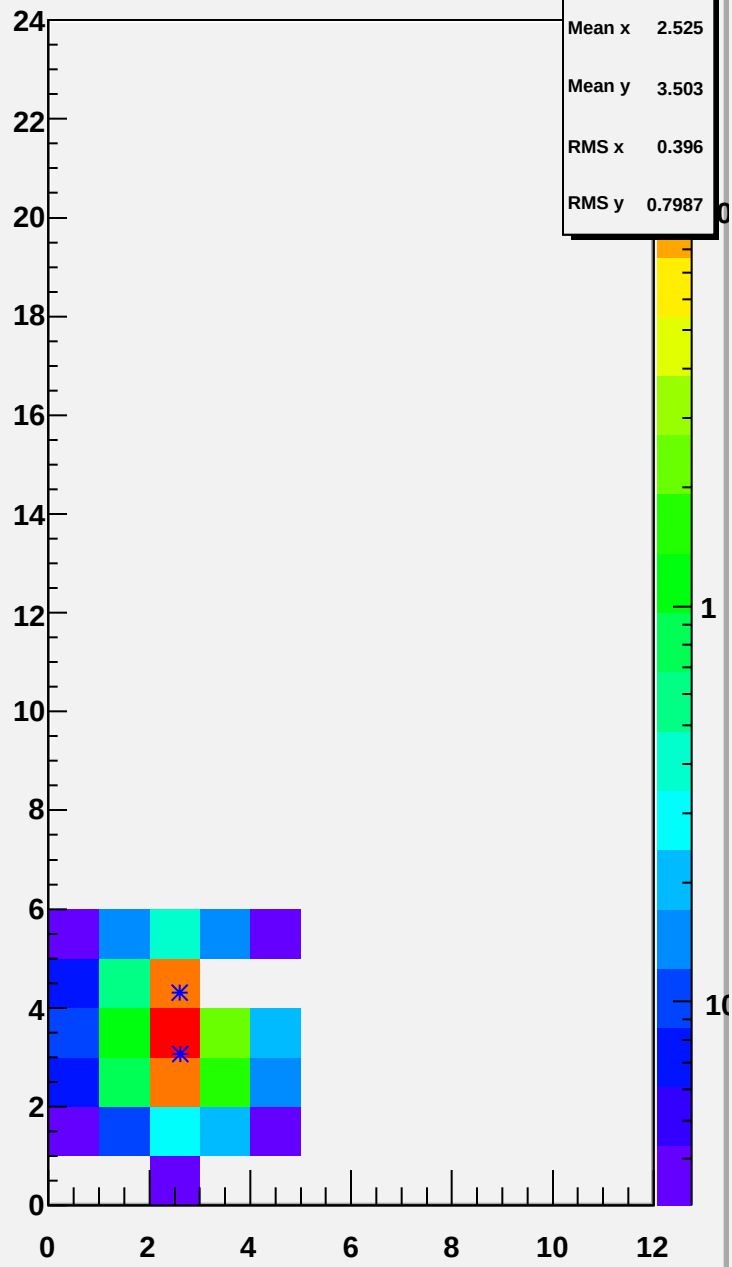
Efit

Entries	288
Mean x	2.771
Mean y	3.301
RMS x	0.5293
RMS y	0.6211

NSTB3_r4_c3_En=65.1_m0=0.212_m1=0.205_index=2501



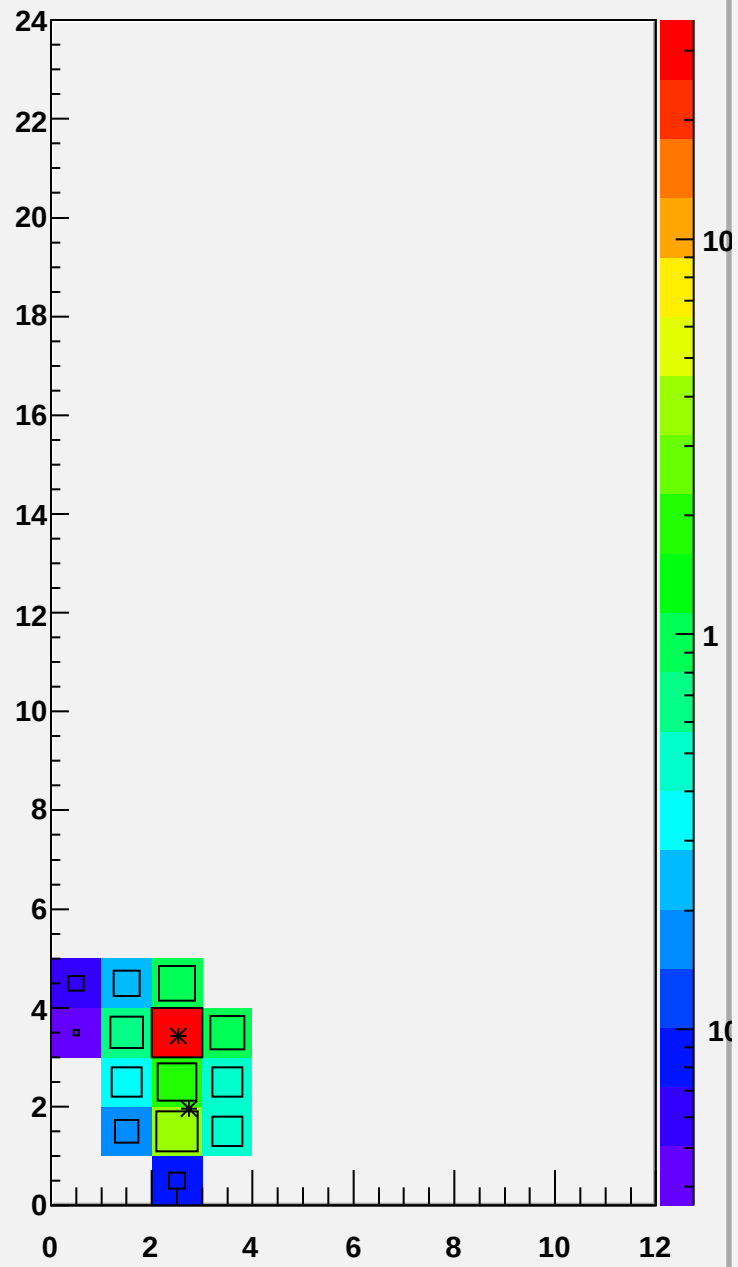
Fitted Energies



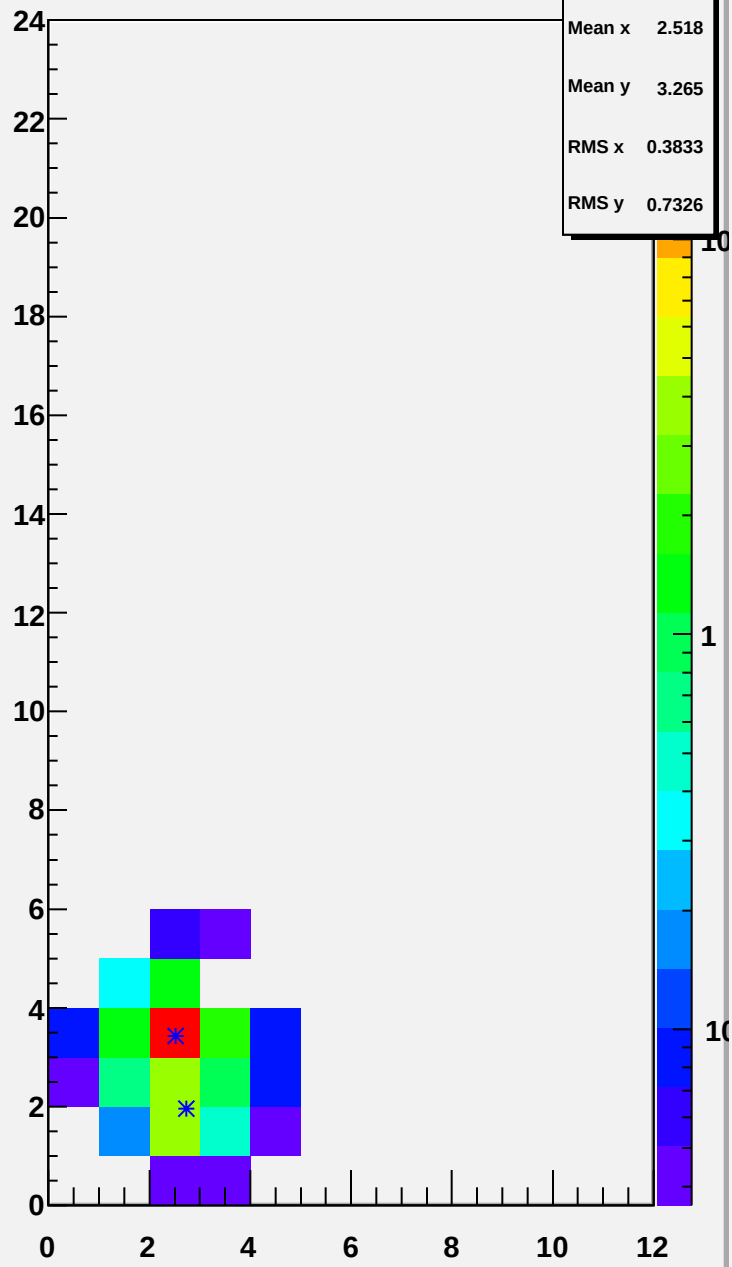
Efit

Entries	288
Mean x	2.525
Mean y	3.503
RMS x	0.396
RMS y	0.7987

NSTB3_r4_c3_En=45.5_m0=0.139 m1=0.139 index=2502



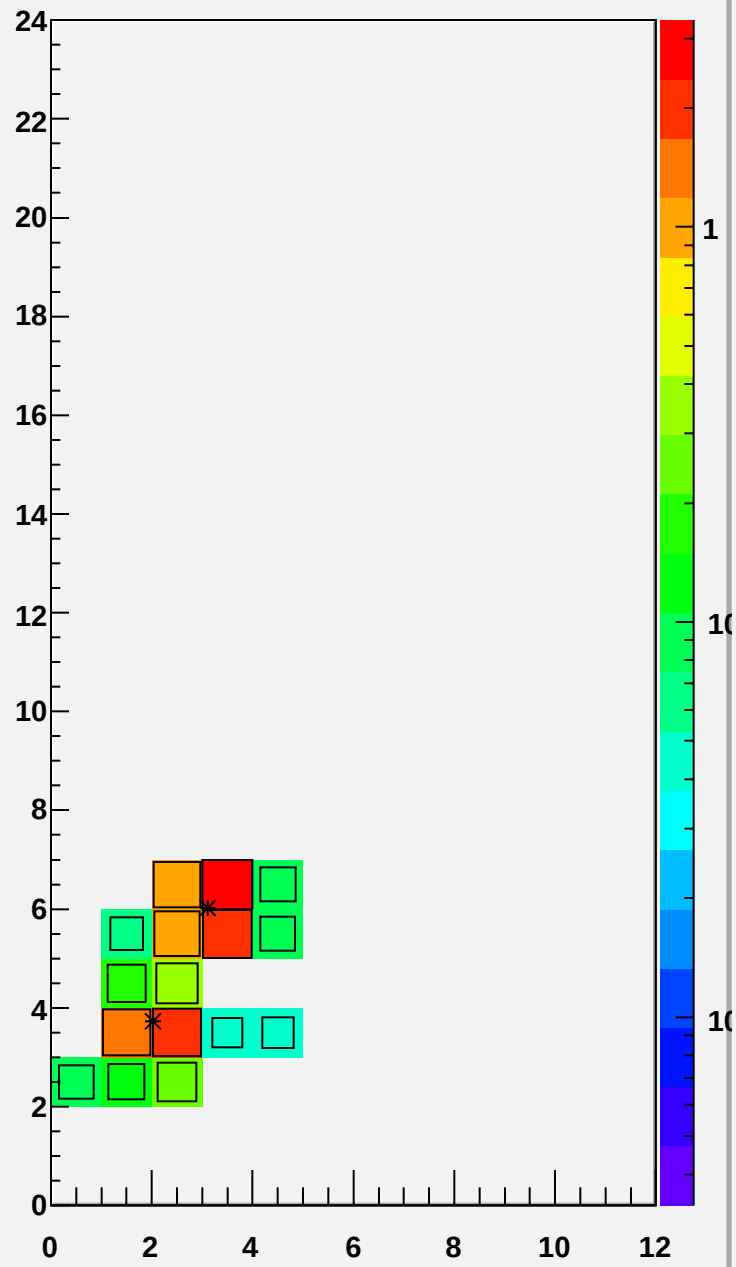
Fitted Energies



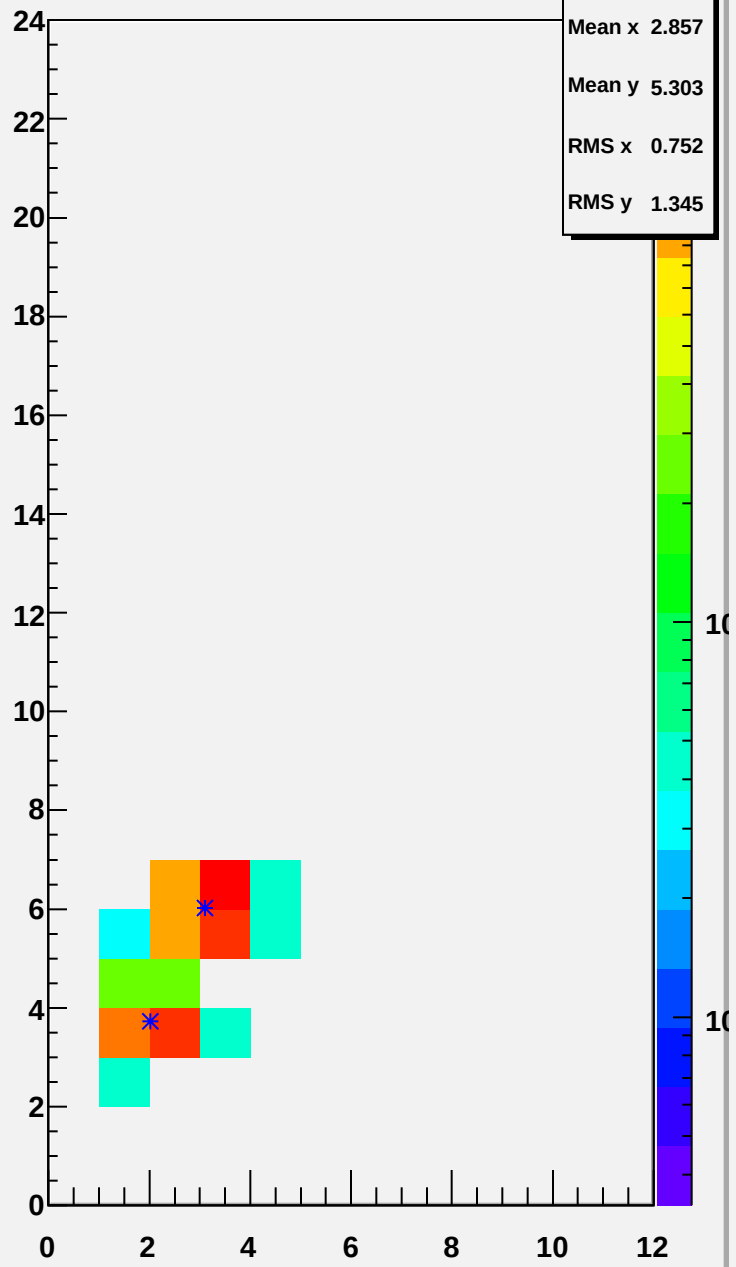
Efit

Entries	288
Mean x	2.518
Mean y	3.265
RMS x	0.3833
RMS y	0.7326

NSTB3_r4_c3_En=12.1_m0=0.080 m1=0.079 index=2503



Fitted Energies



Efit

Entries 288

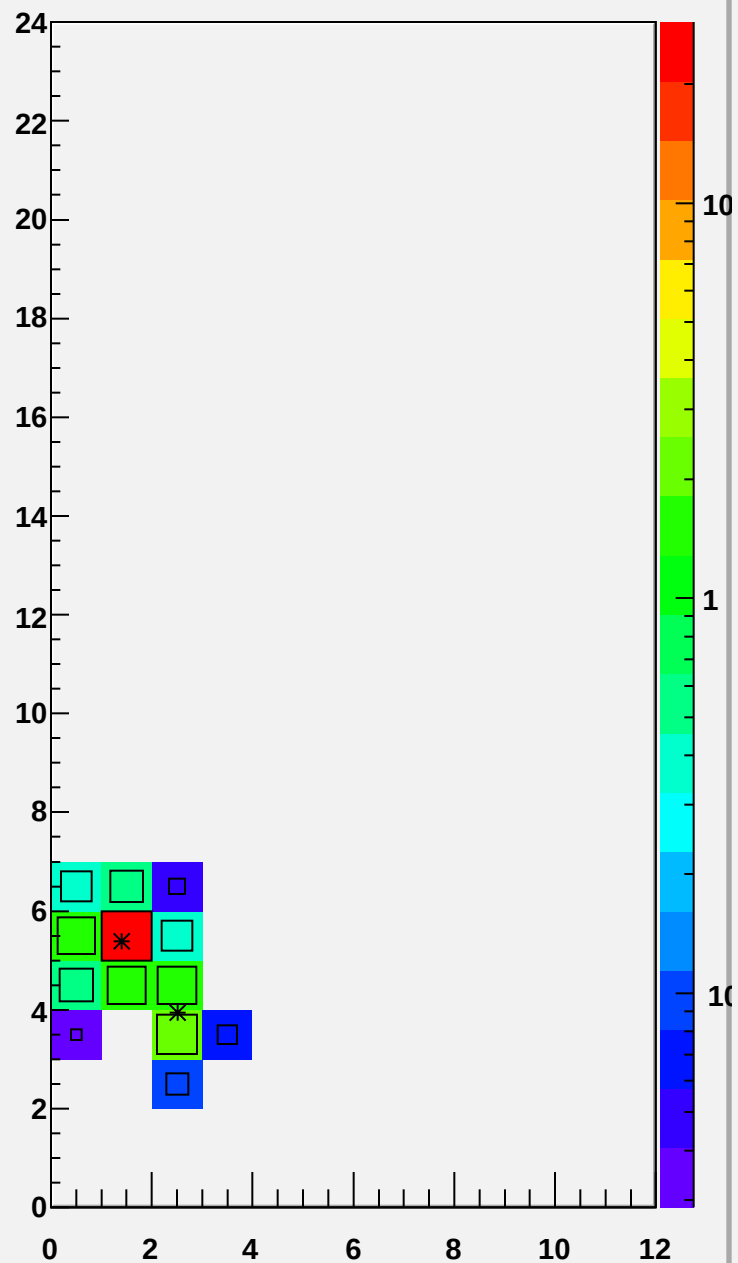
Mean x 2.857

Mean y 5.303

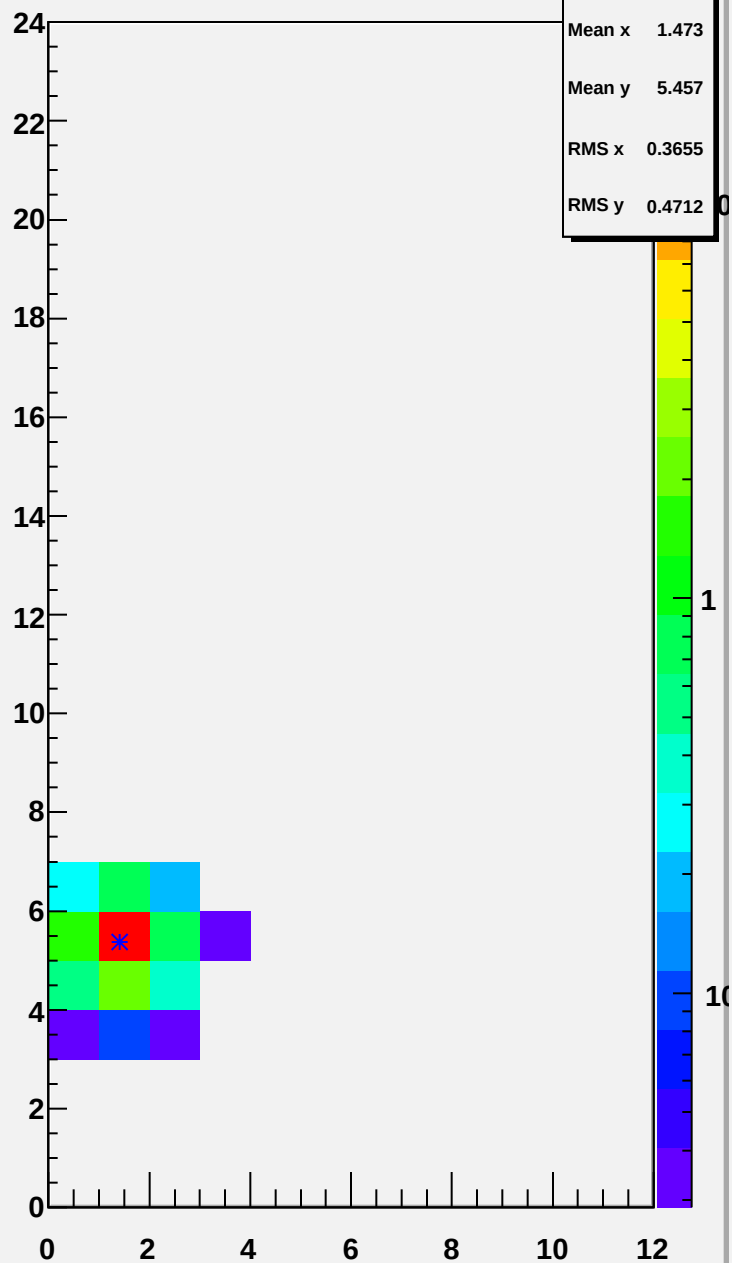
RMS x 0.752

RMS y 1.345

NSTB3_r4_c3_En=37.6_m0=0.118 m1=-0.010 index=2504



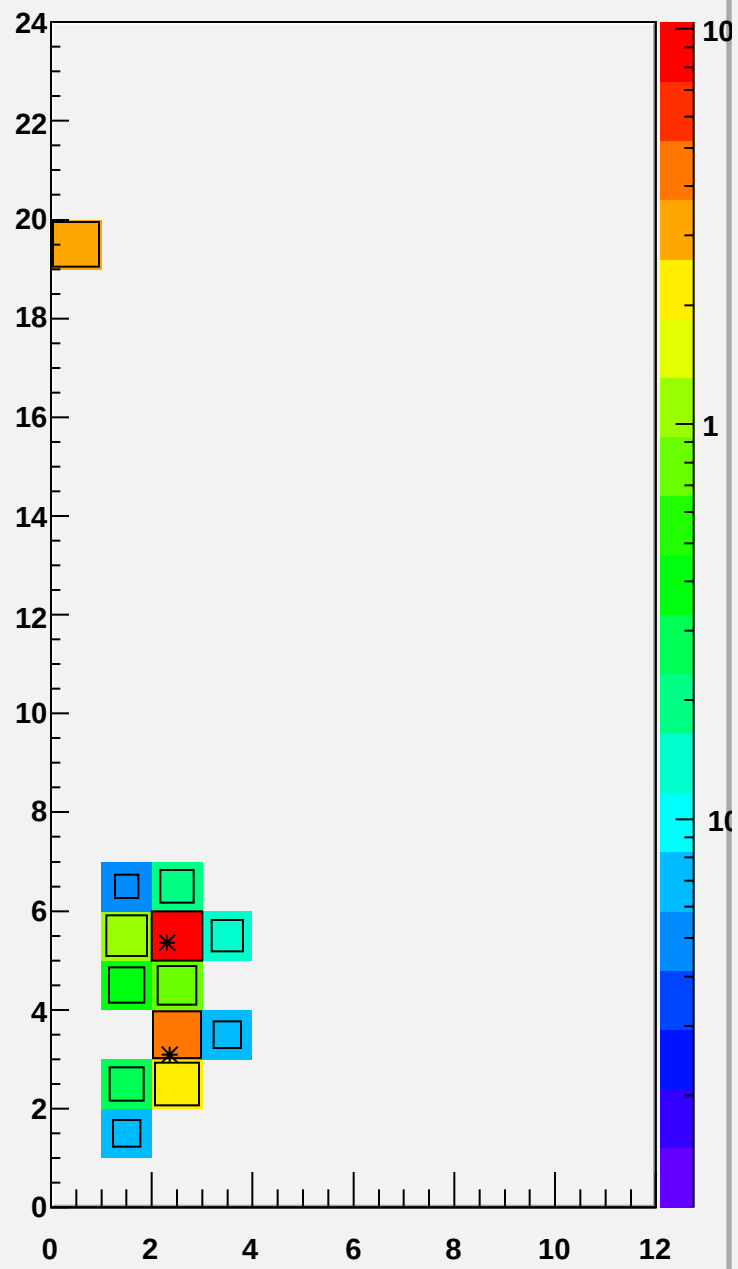
Fitted Energies



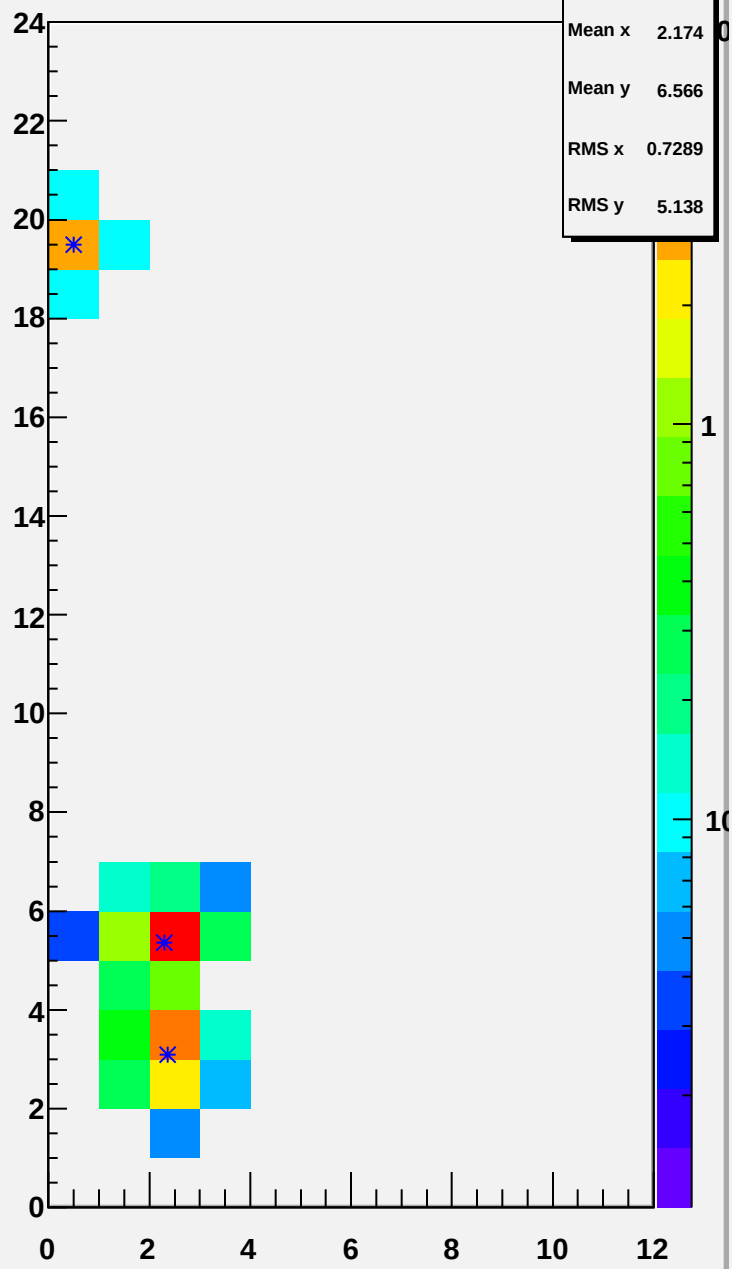
Efit

Entries	288
Mean x	1.473
Mean y	5.457
RMS x	0.3655
RMS y	0.4712

NSTB3_r4_c3_En=23.7_m0=0.132 m1=0.132 index=2505



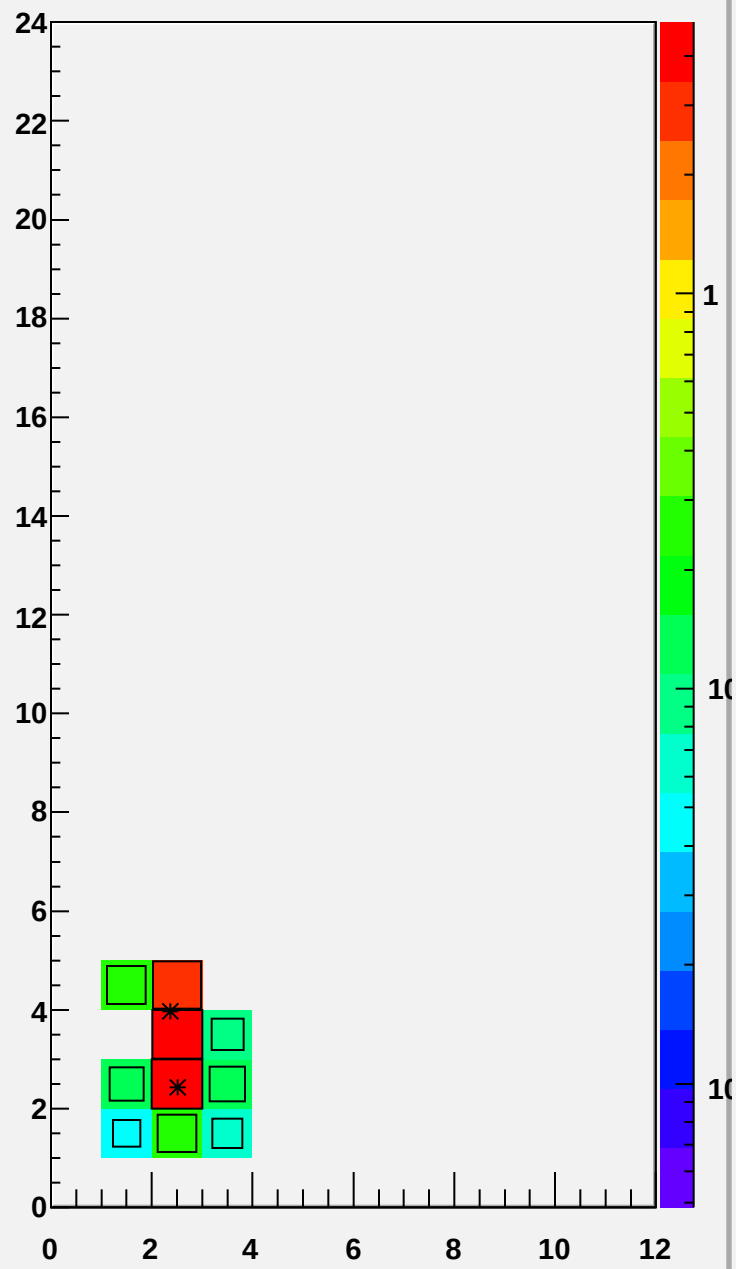
Fitted Energies



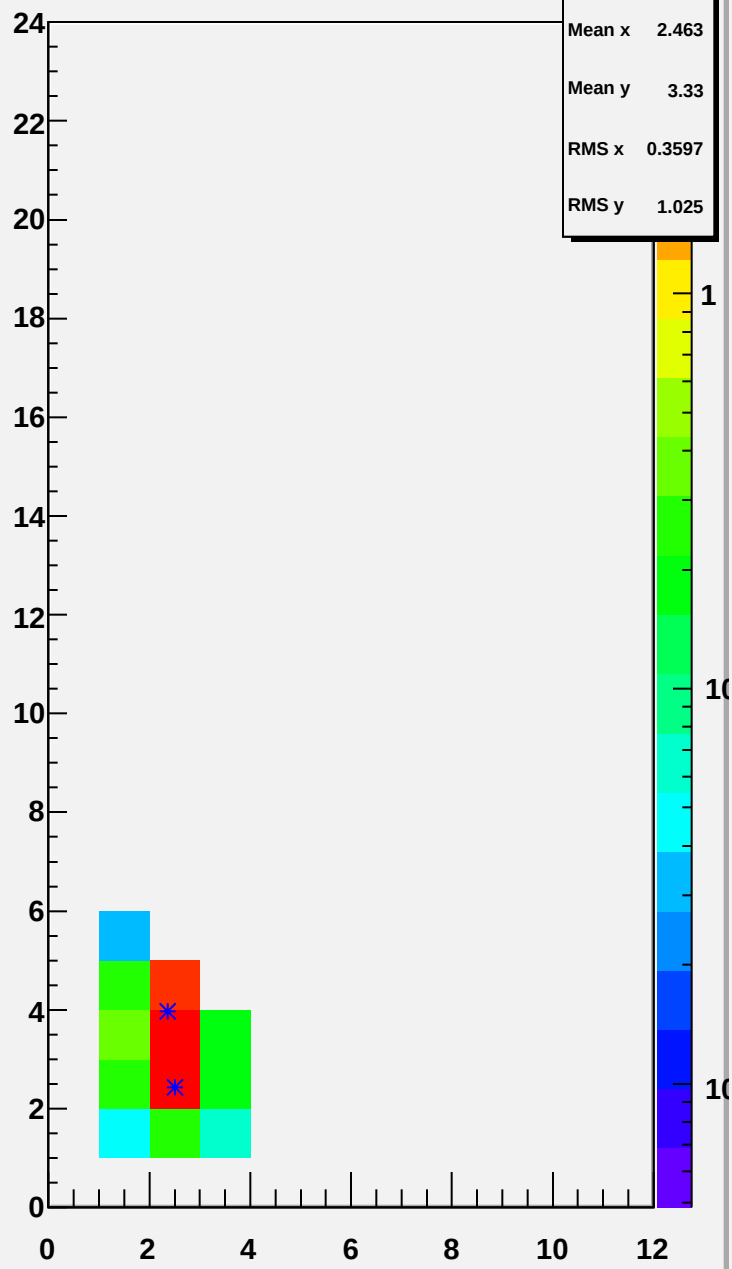
Efit

Entries	288
Mean x	2.174
Mean y	6.566
RMS x	0.7289
RMS y	5.138

NSTB3_r4_c3_En=12.9_m0=0.059 m1=0.059 index=2506



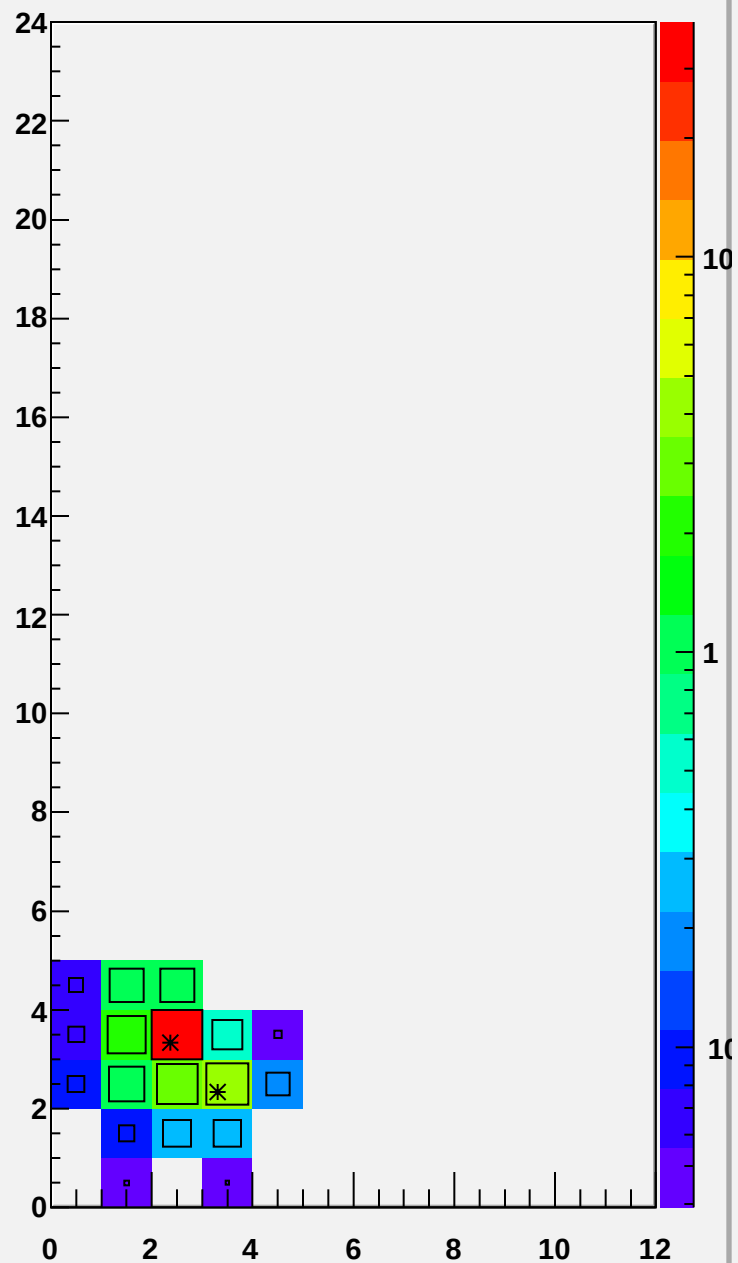
Fitted Energies



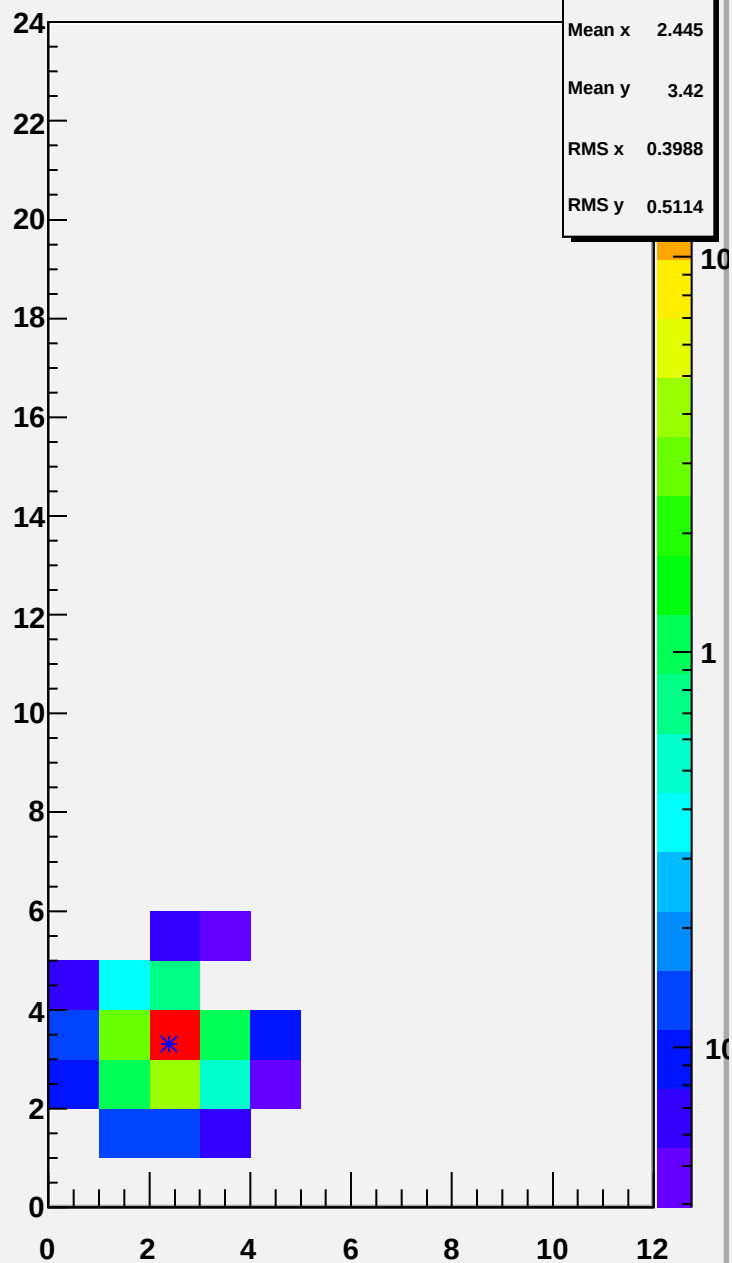
Efit

Entries	288
Mean x	2.463
Mean y	3.33
RMS x	0.3597
RMS y	1.025

NSTB3_r4_c3_En=54.5_m0=0.122 m1=-0.010 index=2507



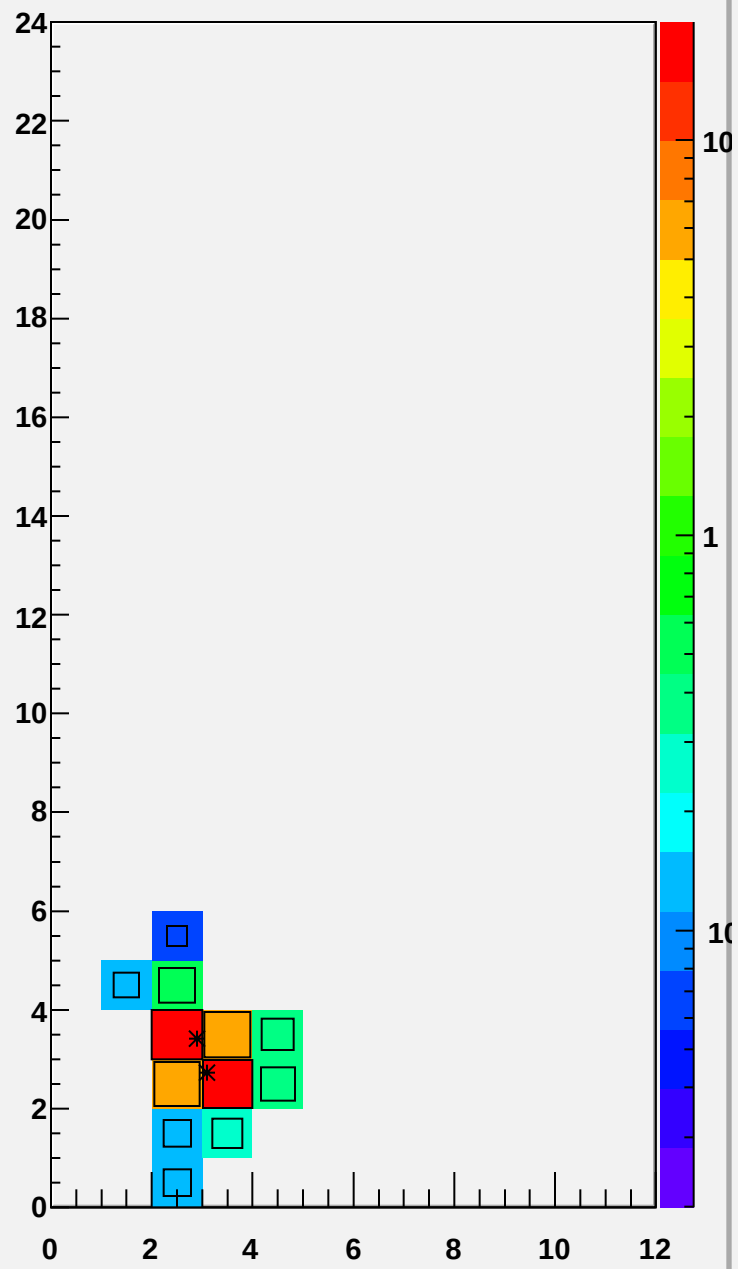
Fitted Energies



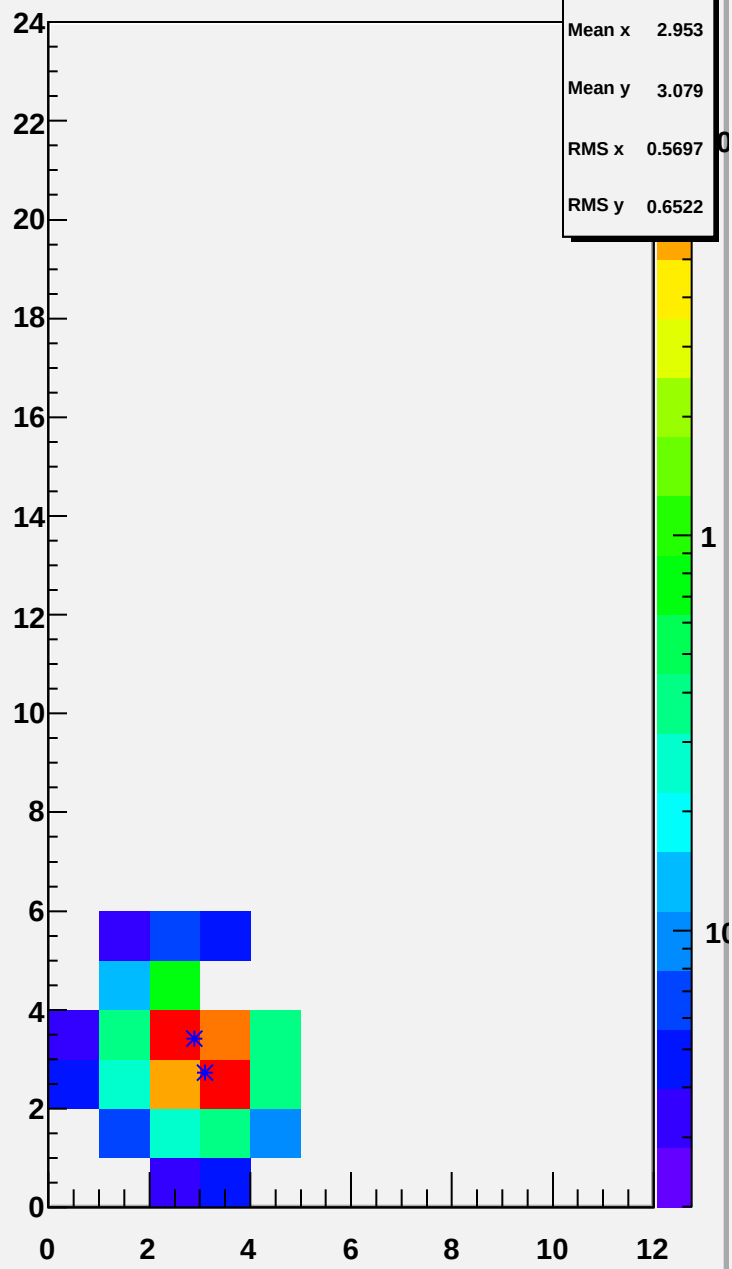
Efit

Entries	288
Mean x	2.445
Mean y	3.42
RMS x	0.3988
RMS y	0.5114

NSTB3_r4_c3_En=48.5_m0=0.106 m1=0.106 index=2508



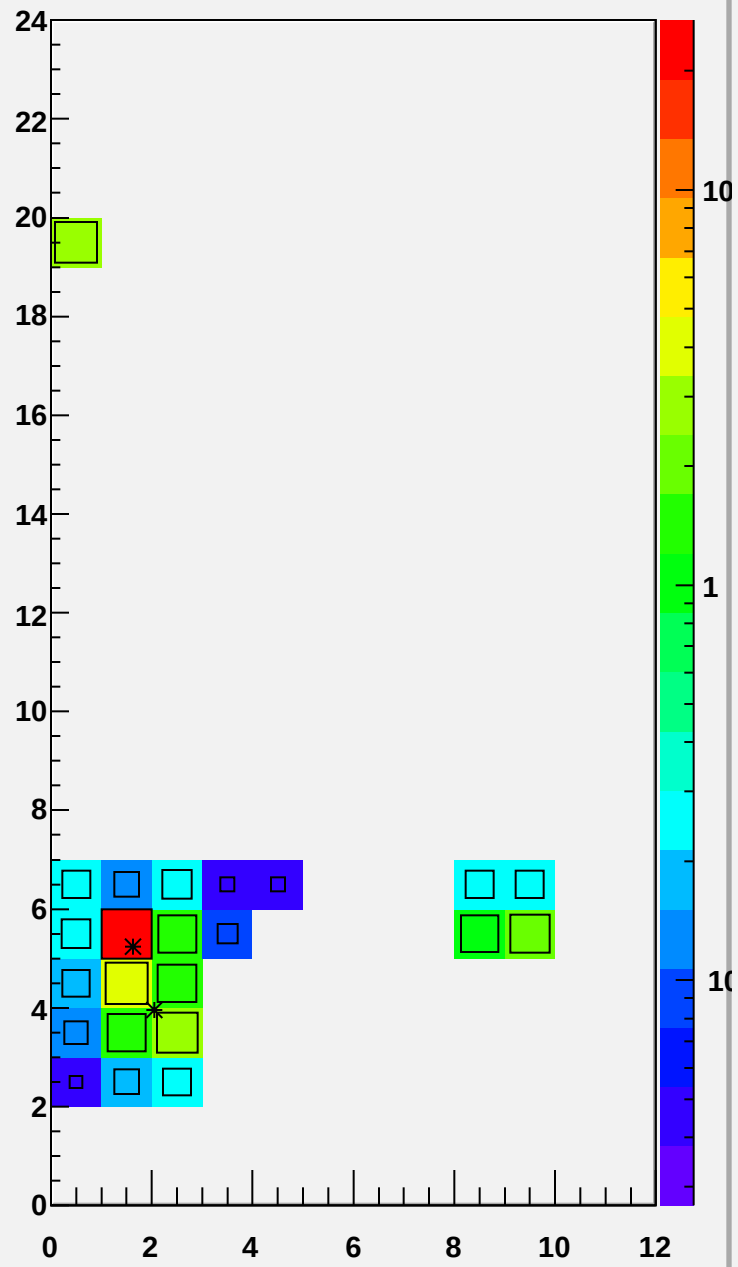
Fitted Energies



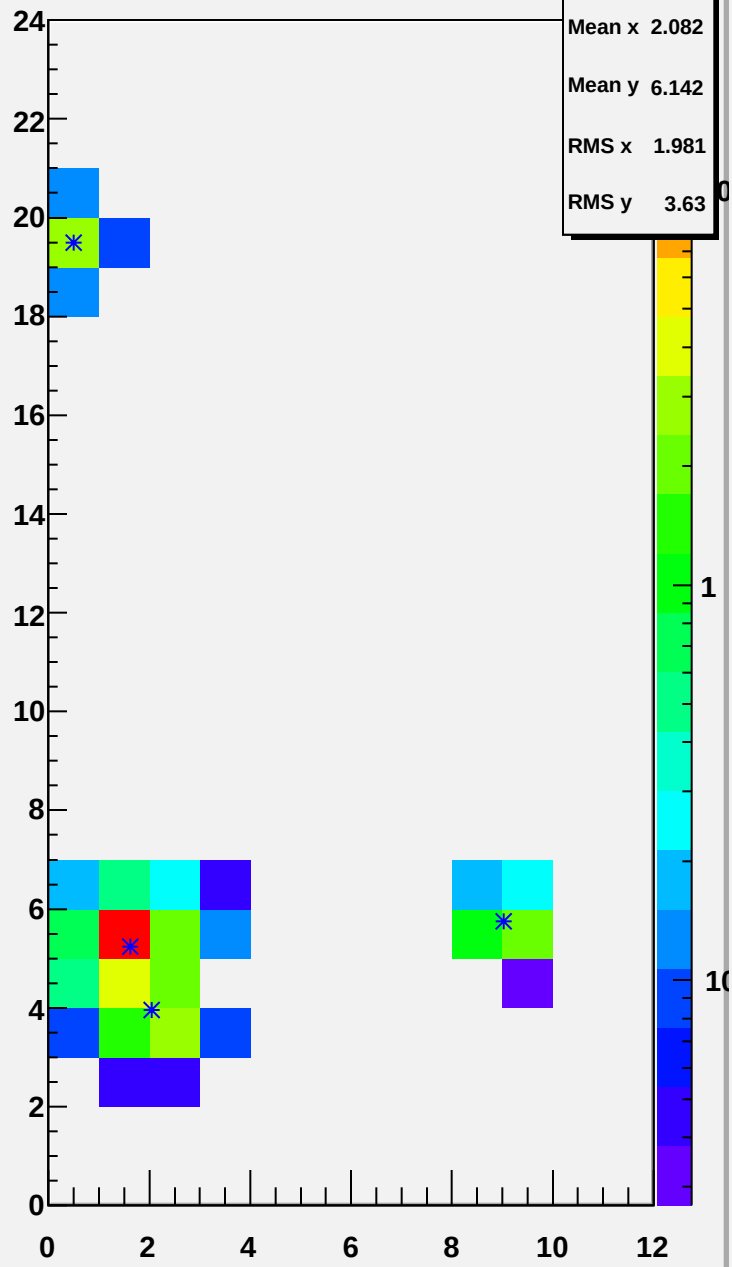
Efit

Entries	288
Mean x	2.953
Mean y	3.079
RMS x	0.5697
RMS y	0.6522

NSTB3_r4_c3_En=45.4_m0=0.112 m1=0.112 index=2509



Fitted Energies



Efit

Entries 288

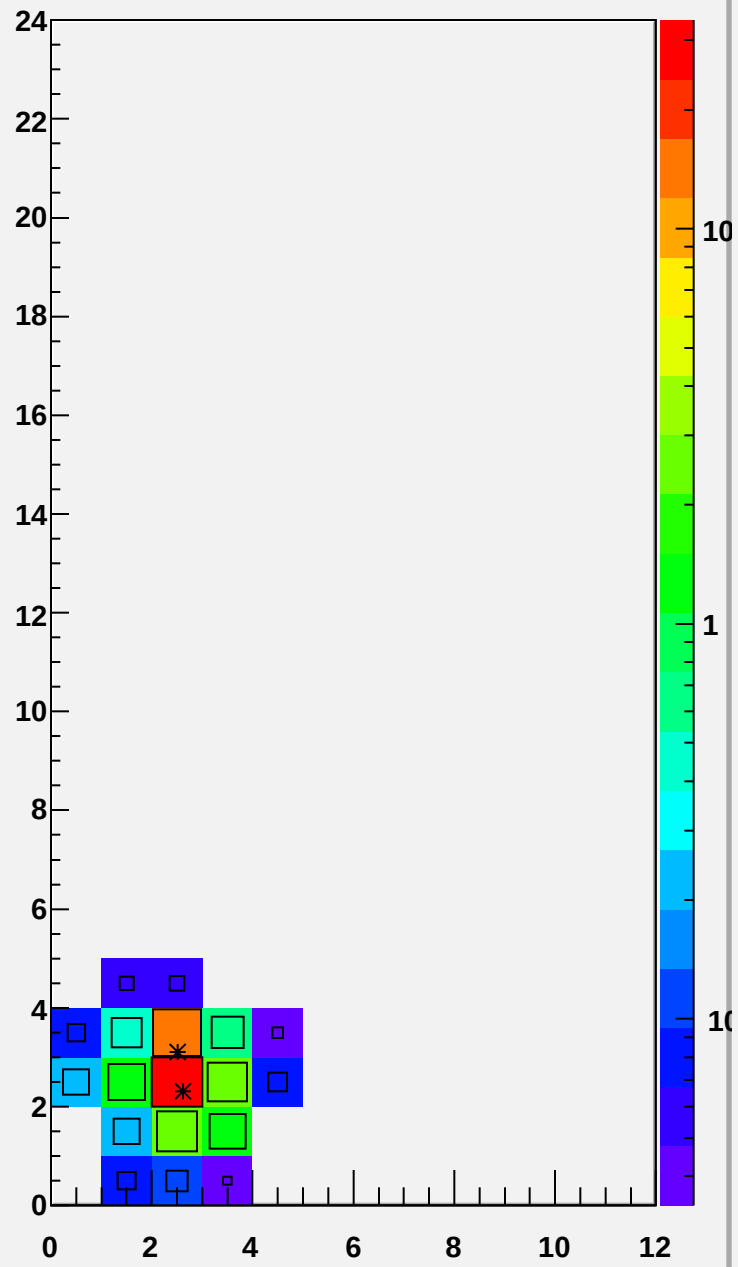
Mean x 2.082

Mean y 6.142

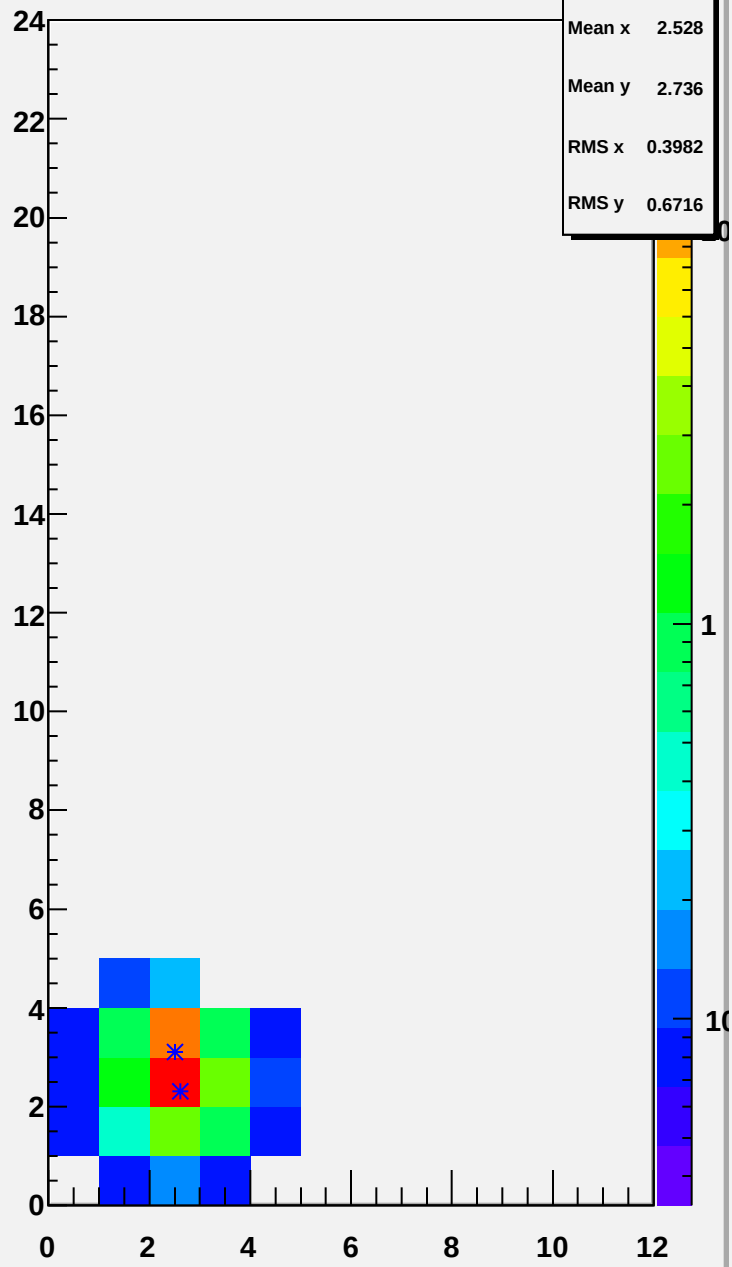
RMS x 1.981

RMS y 3.63

NSTB3_r4_c3_En=59.8_m0=0.129_m1=0.130_index=2510



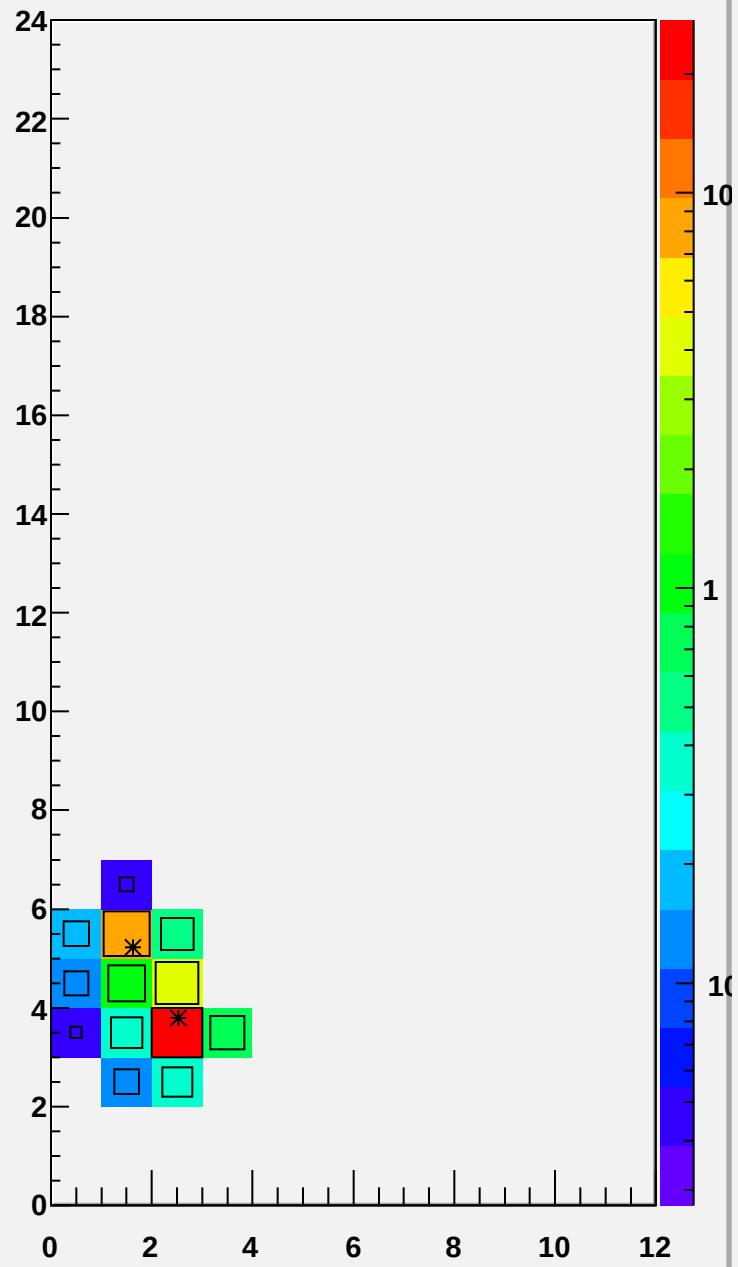
Fitted Energies



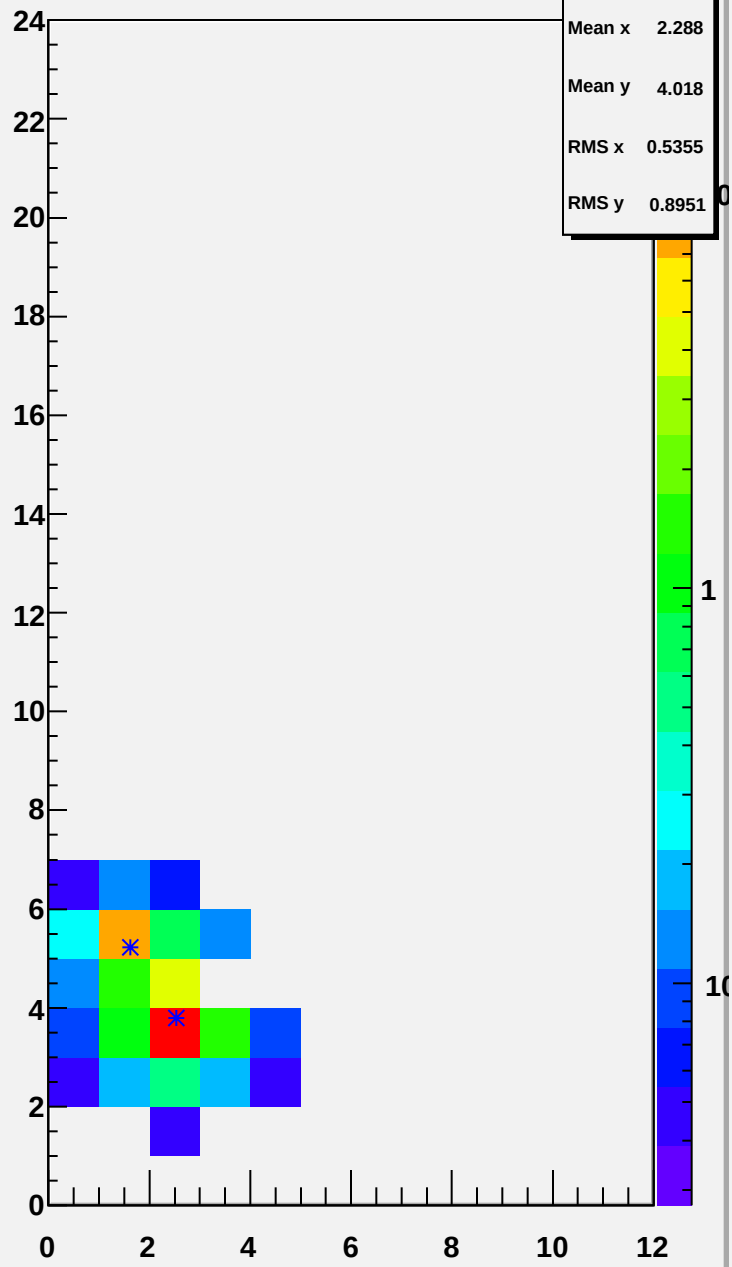
Efit

Entries	288
Mean x	2.528
Mean y	2.736
RMS x	0.3982
RMS y	0.6716

NSTB3_r4_c3_En=42.6_m0=0.177 m1=0.177 index=2511



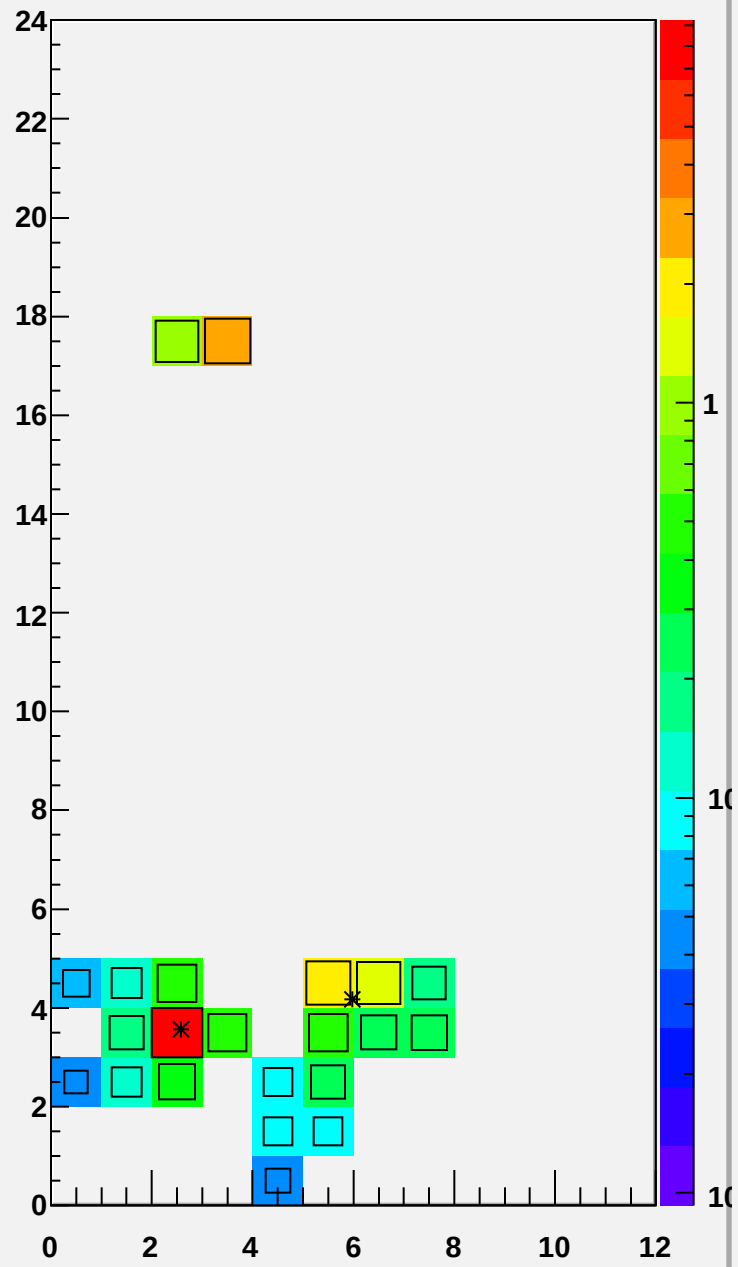
Fitted Energies



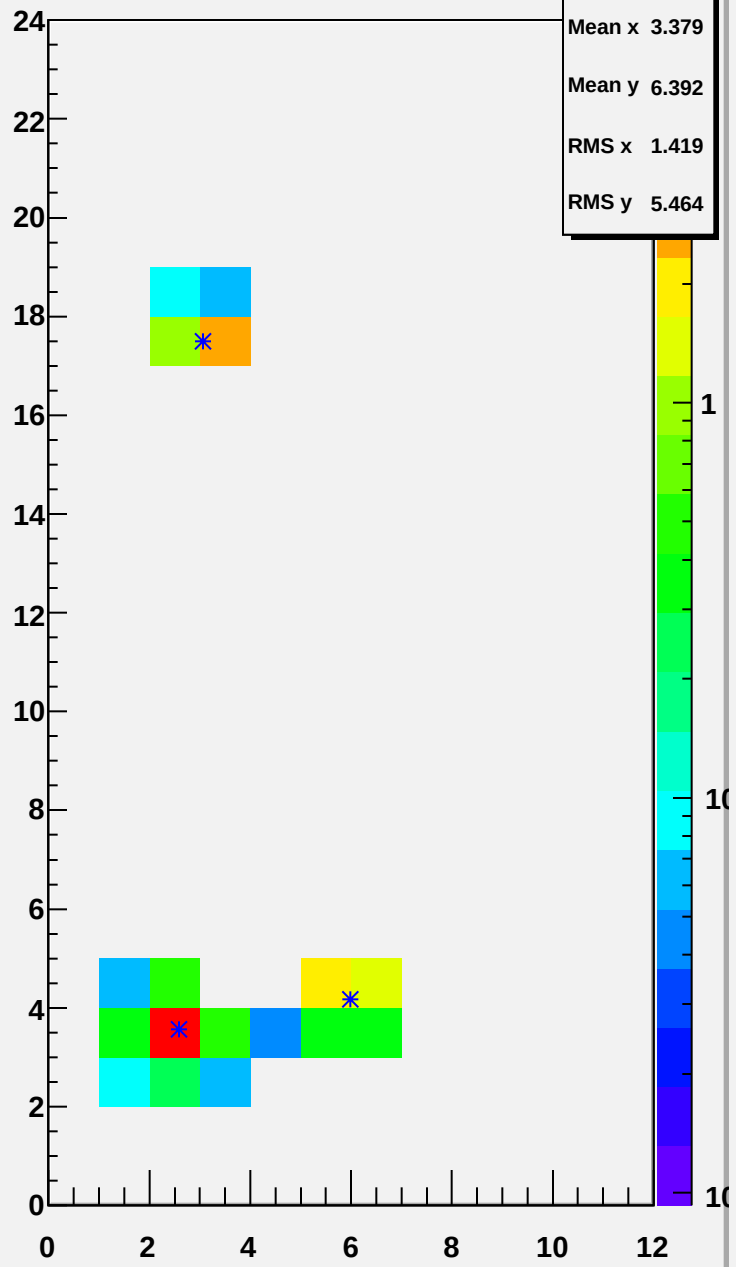
Efit

Entries	288
Mean x	2.288
Mean y	4.018
RMS x	0.5355
RMS y	0.8951

NSTB3_r4_c3_En=19.8_m0=0.132 m1=0.132 index=2512



Fitted Energies



Efit

Entries 288

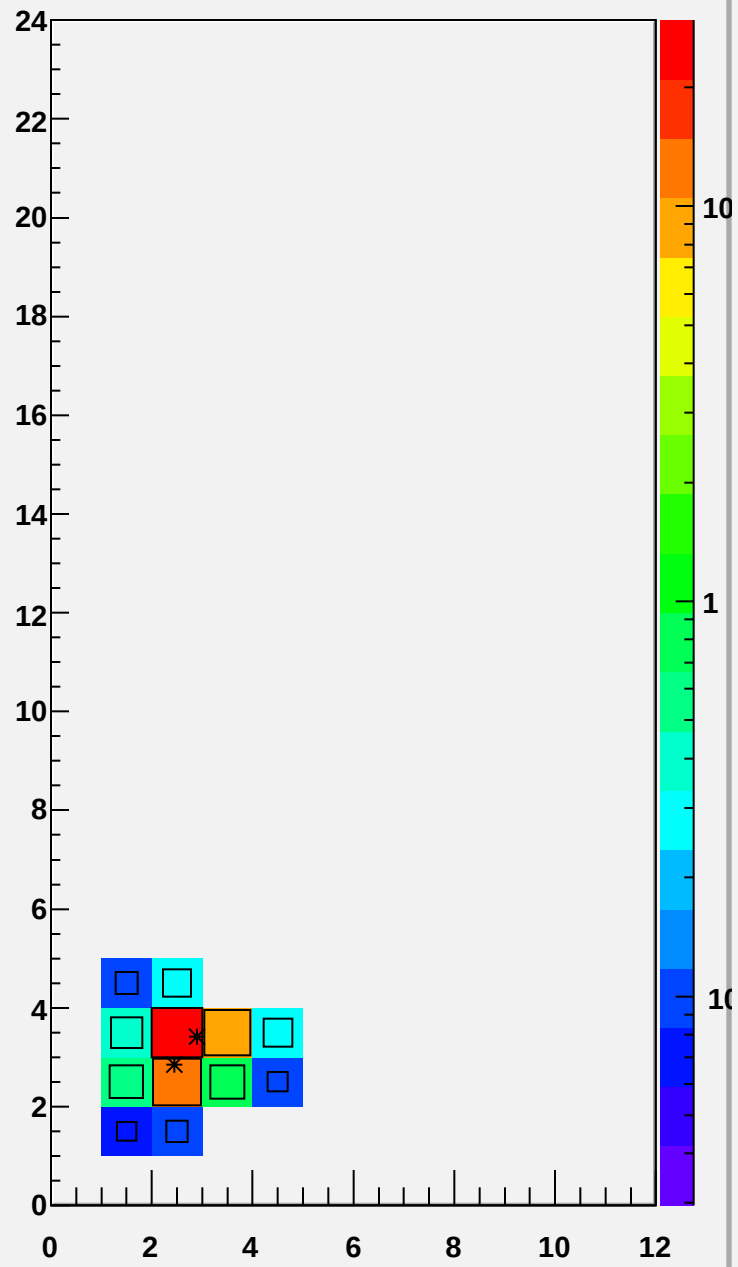
Mean x 3.379

Mean y 6.392

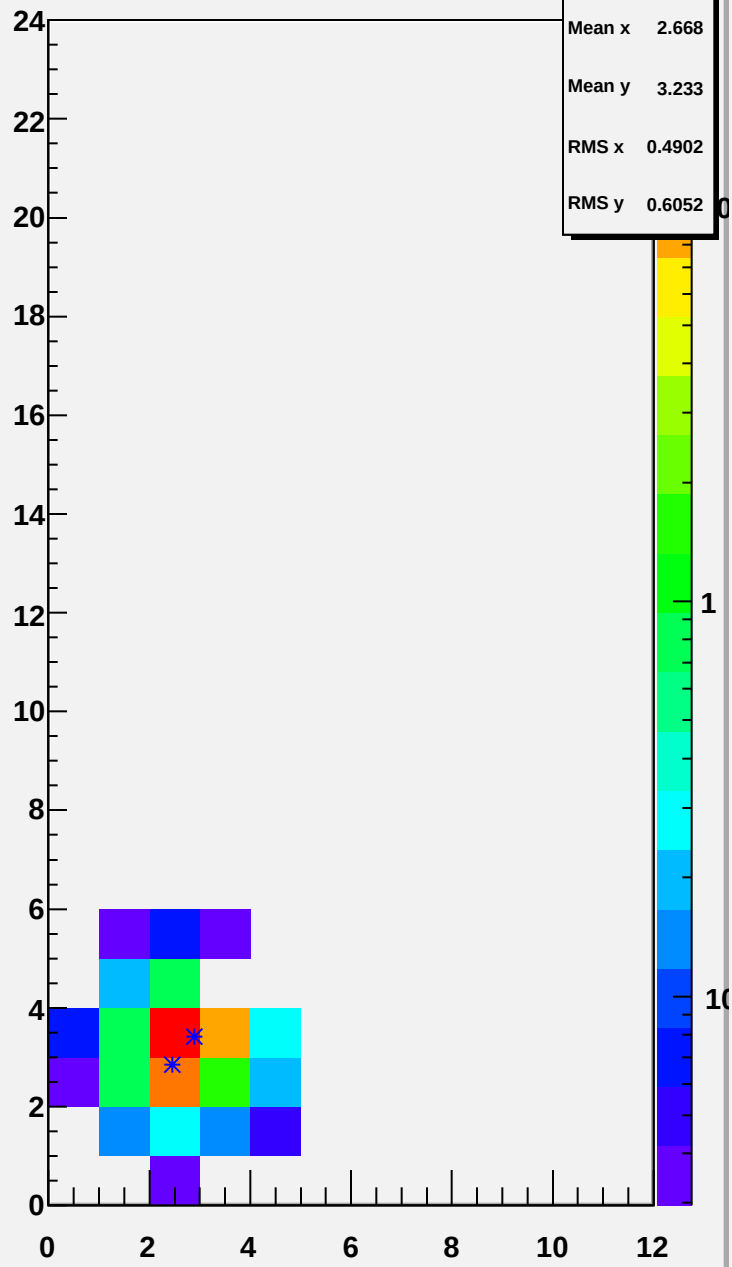
RMS x 1.419

RMS y 5.464

NSTB3_r4_c3_En=55.5_m0=0.102 m1=0.101 index=2514



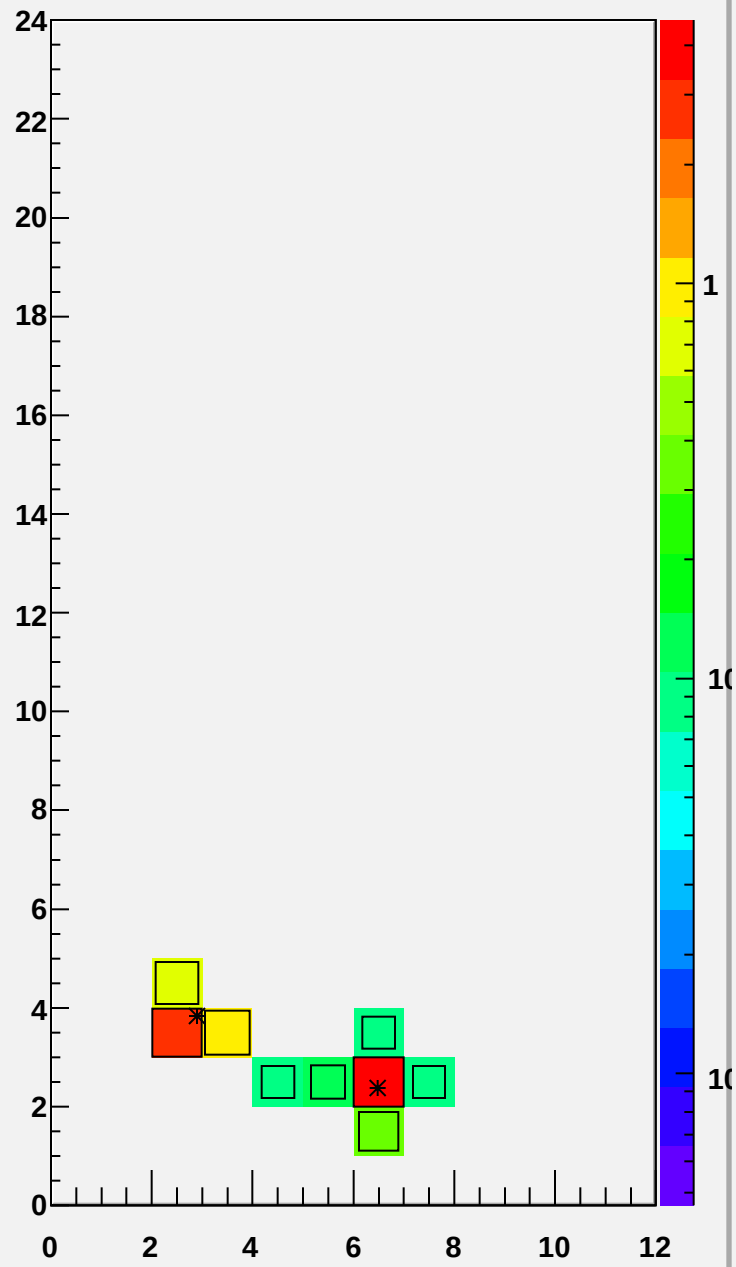
Fitted Energies



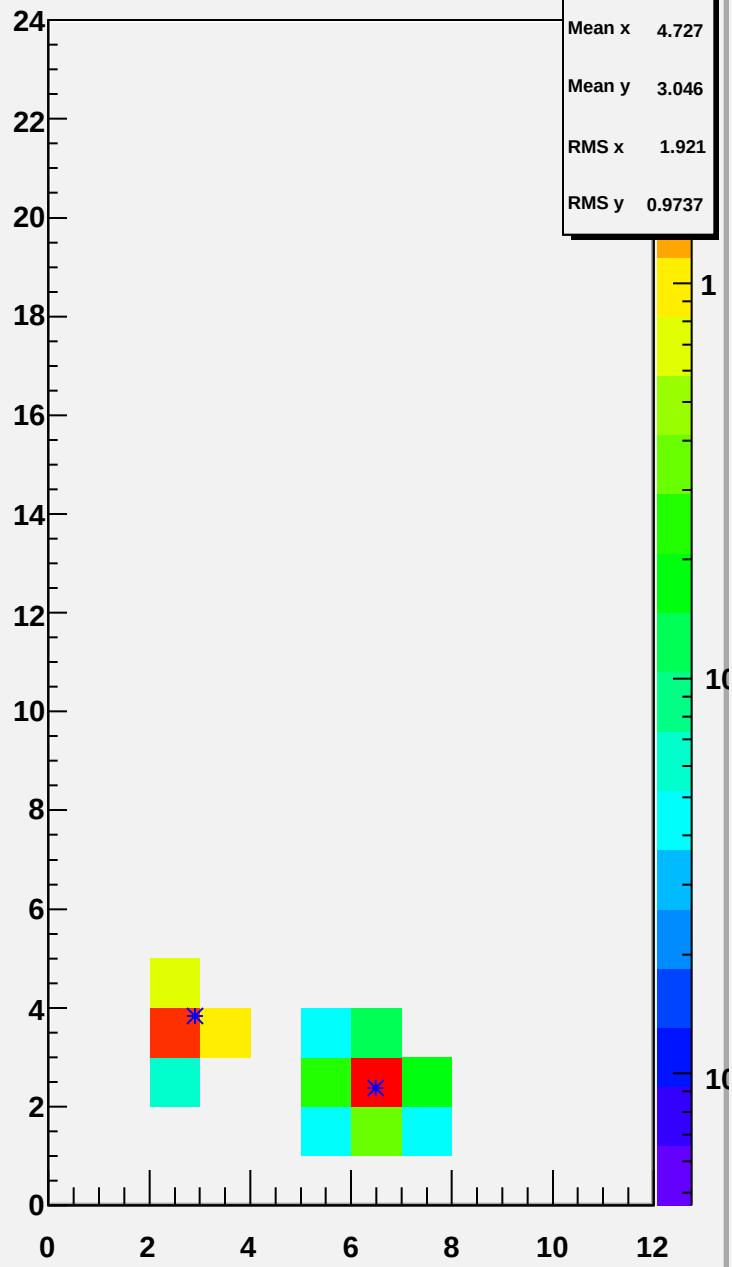
Efit

Entries	288
Mean x	2.668
Mean y	3.233
RMS x	0.4902
RMS y	0.6052

NSTB3_r4_c3_En=10.2_m0=0.118 m1=0.118 index=2516



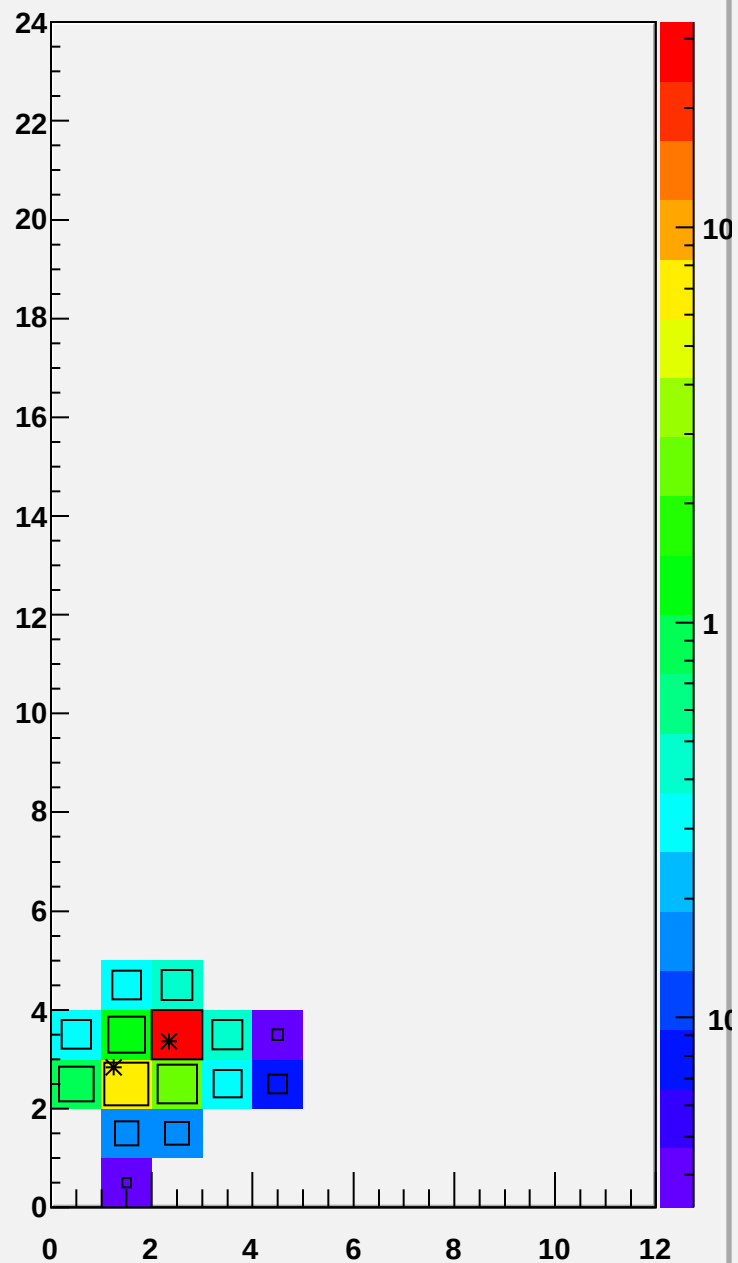
Fitted Energies



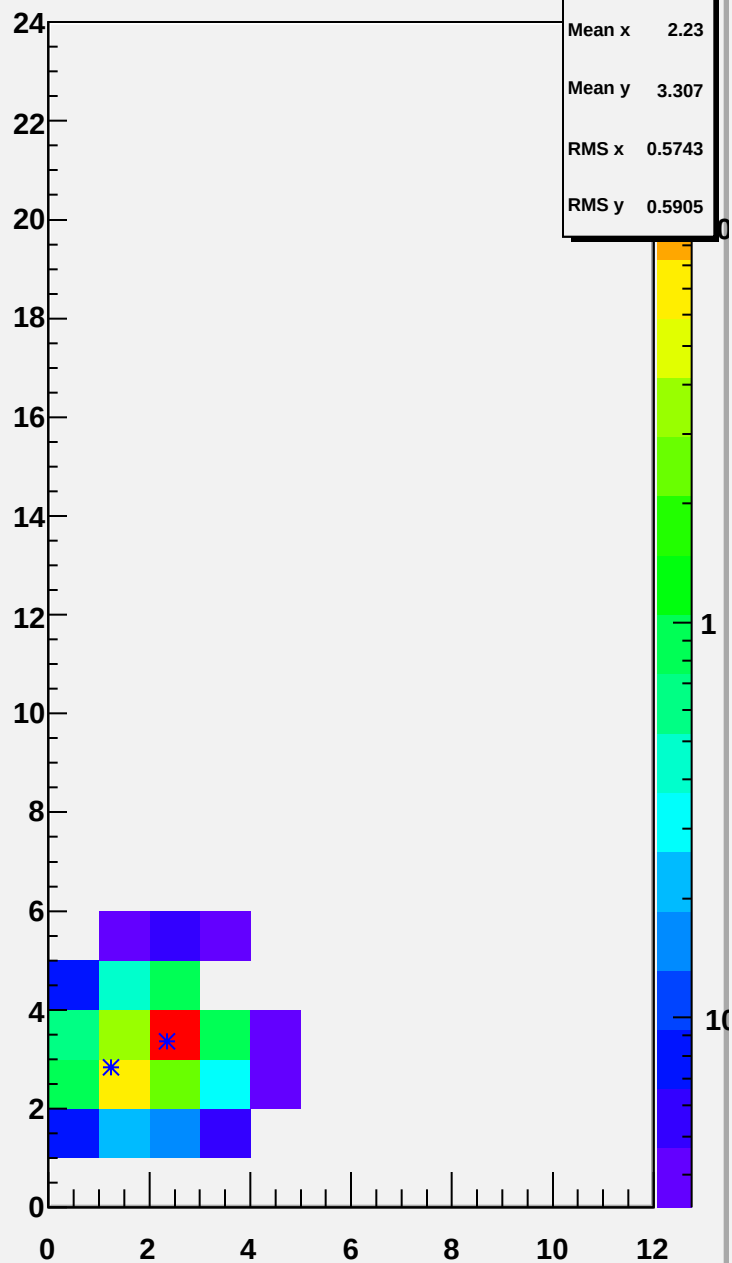
Efit

Entries	288
Mean x	4.727
Mean y	3.046
RMS x	1.921
RMS y	0.9737

NSTB3_r4_c3_En=46.3_m0=0.133 m1=0.133 index=2517



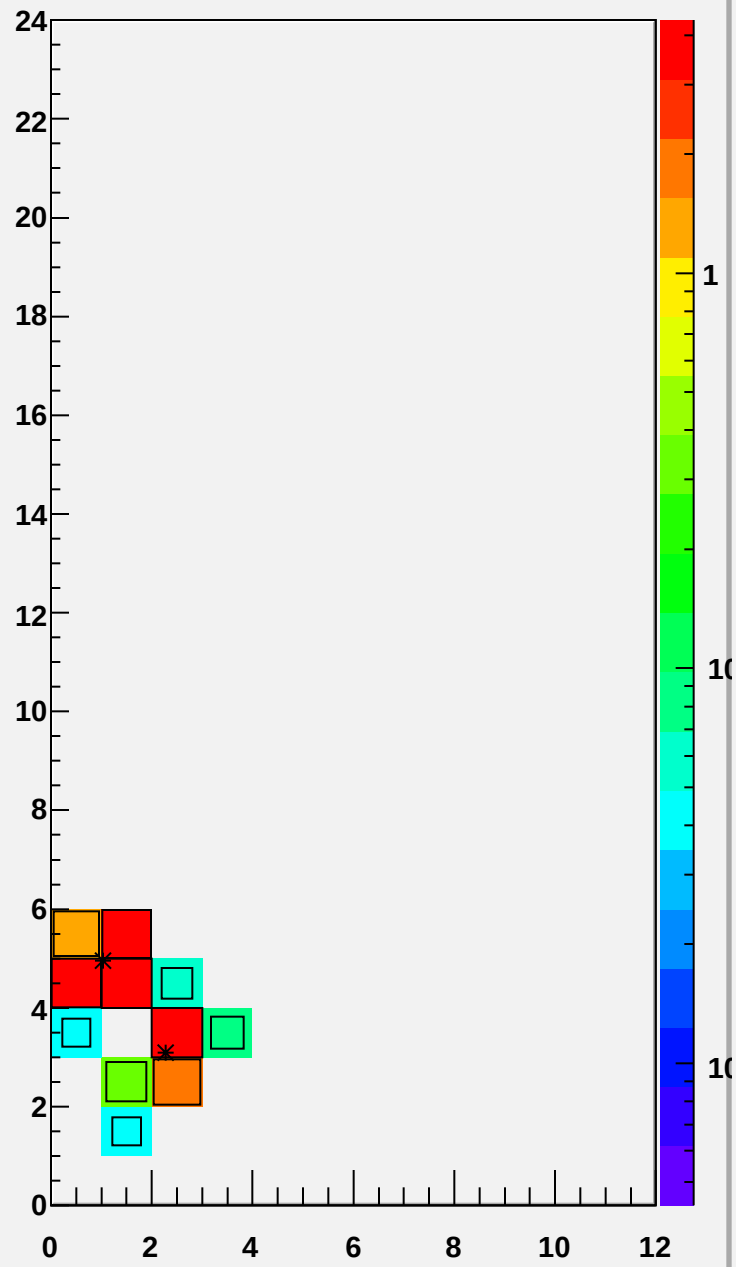
Fitted Energies



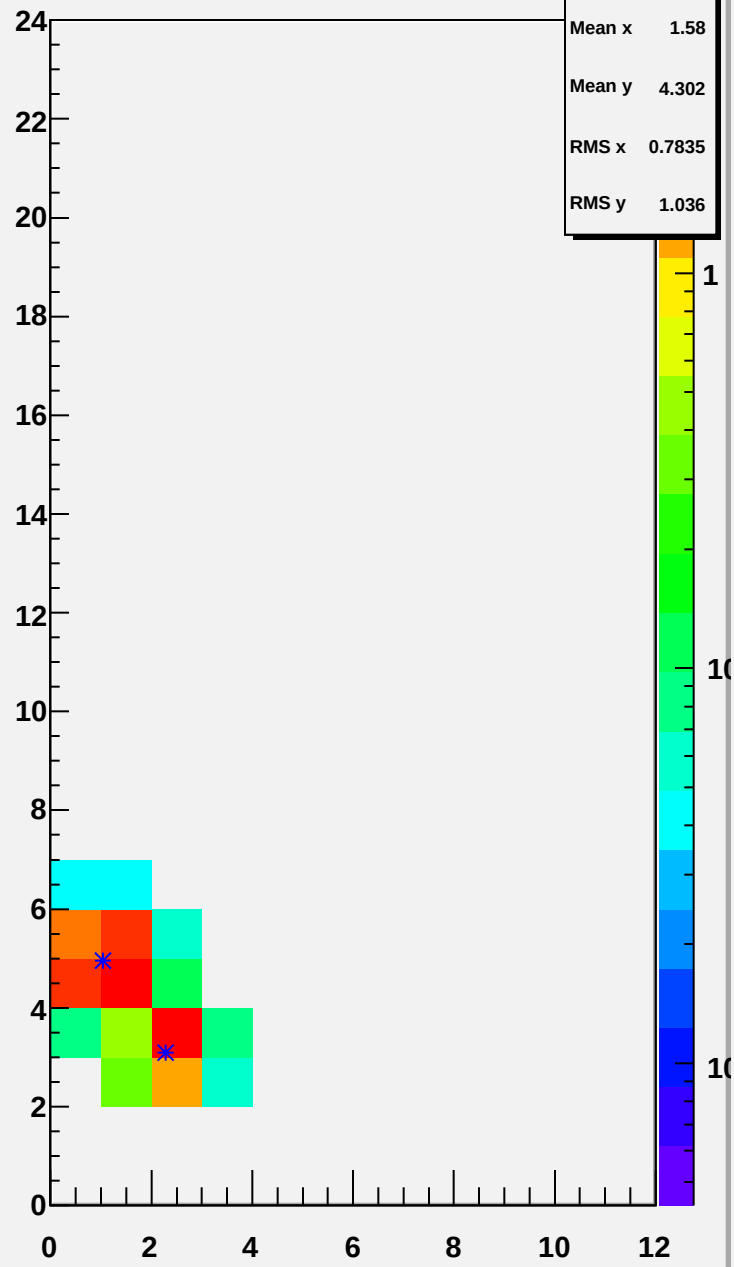
Efit

Entries	288
Mean x	2.23
Mean y	3.307
RMS x	0.5743
RMS y	0.5905

NSTB3_r4_c3_En=18.3_m0=0.115 m1=0.115 index=2518



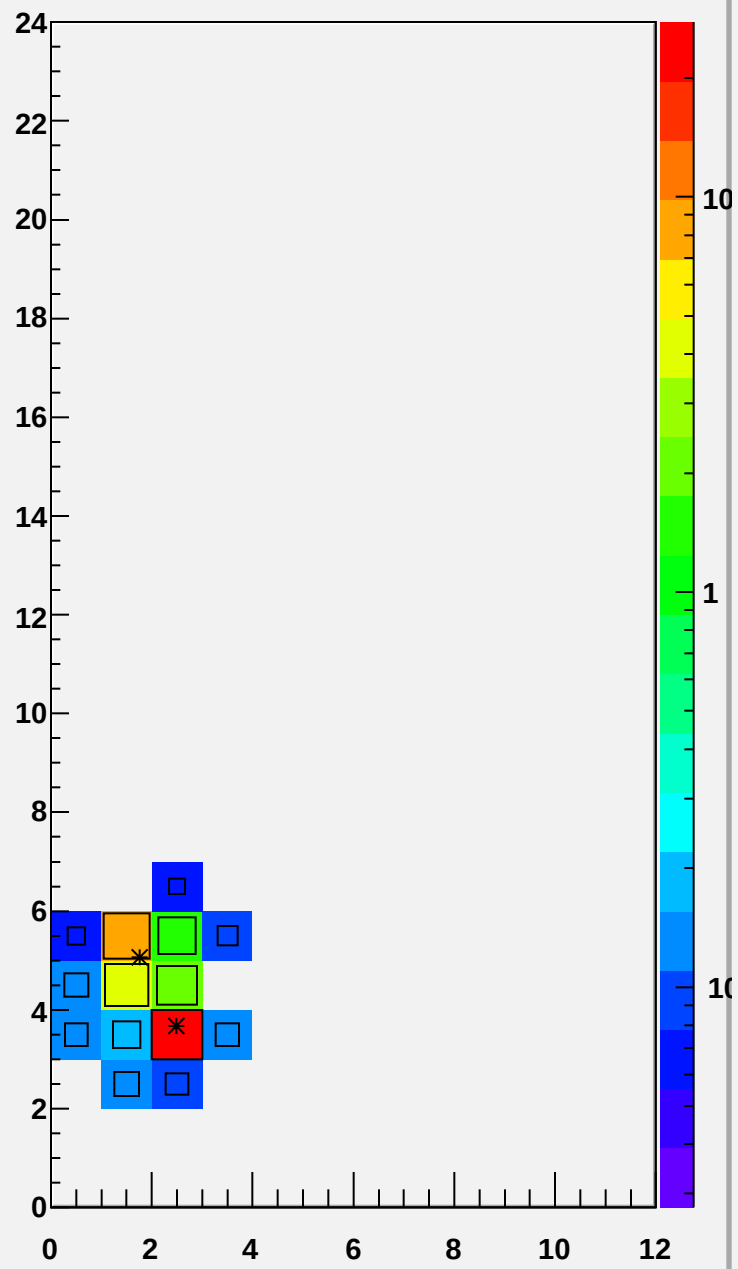
Fitted Energies



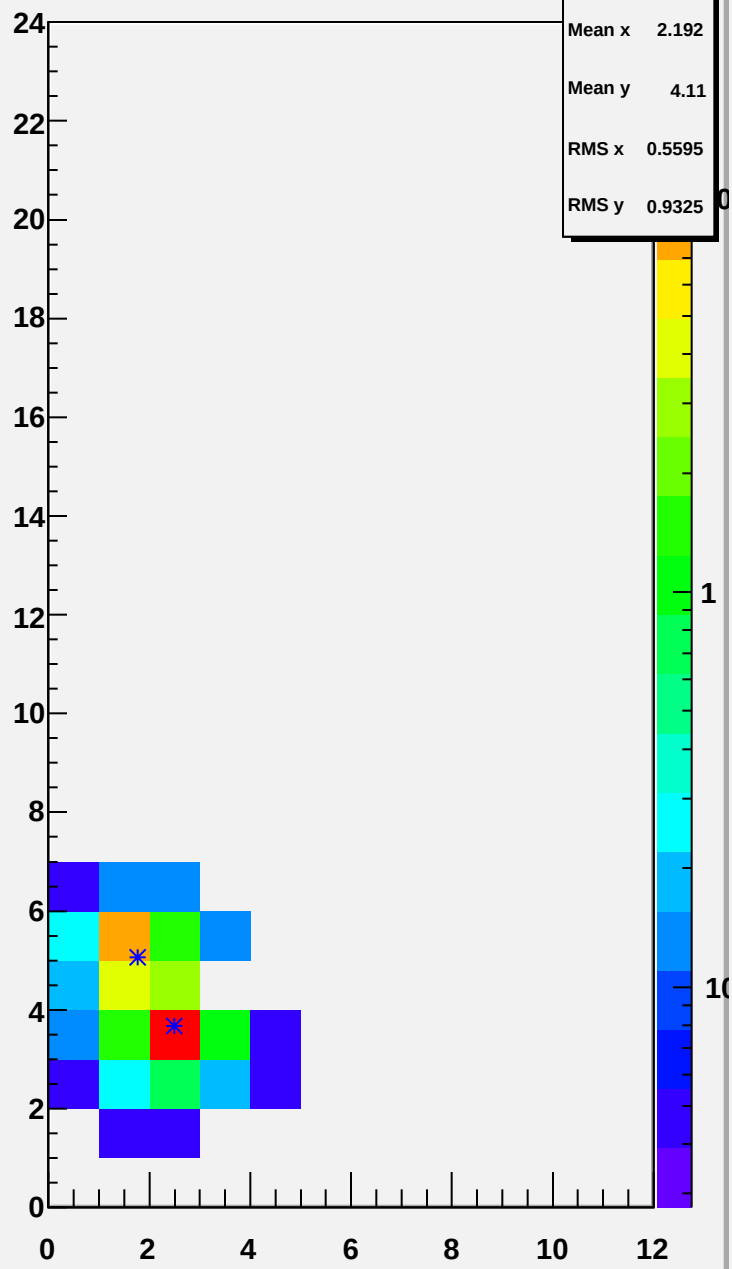
Efit

Entries	288
Mean x	1.58
Mean y	4.302
RMS x	0.7835
RMS y	1.036

NSTB3_r4_c3_En=45.7_m0=0.207 m1=0.207 index=2519



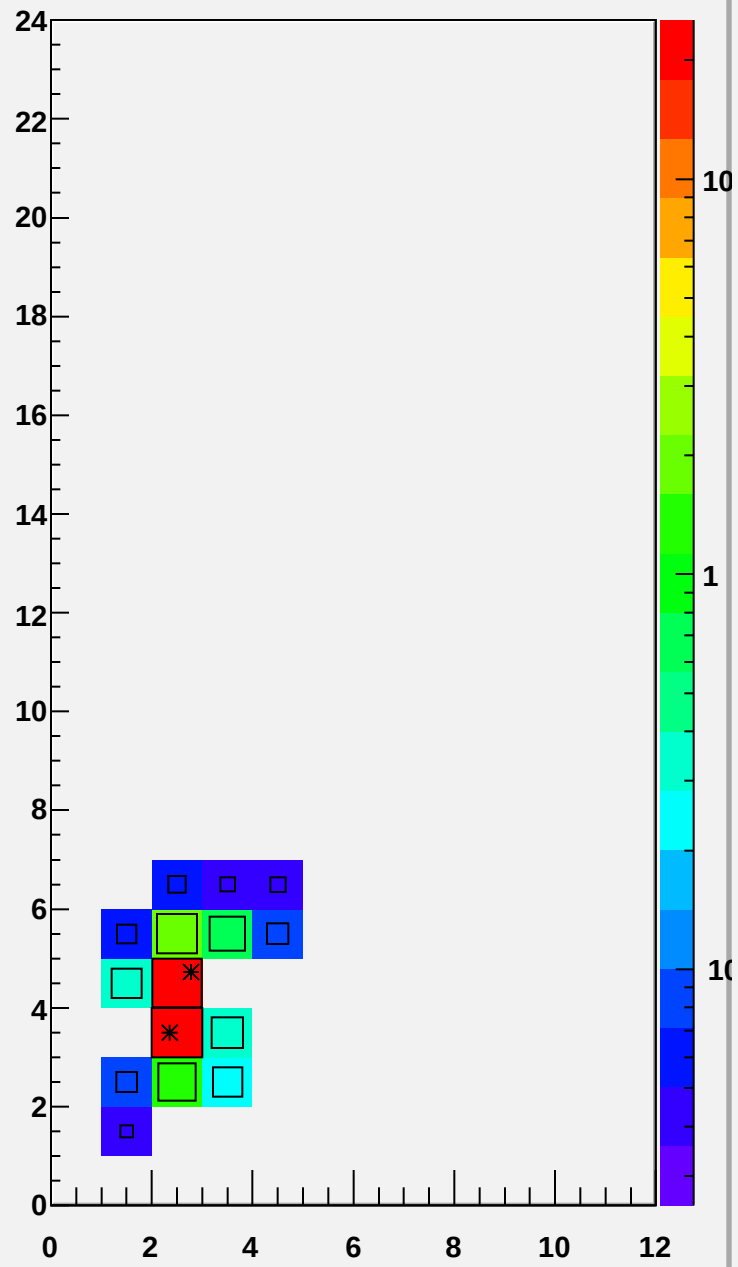
Fitted Energies



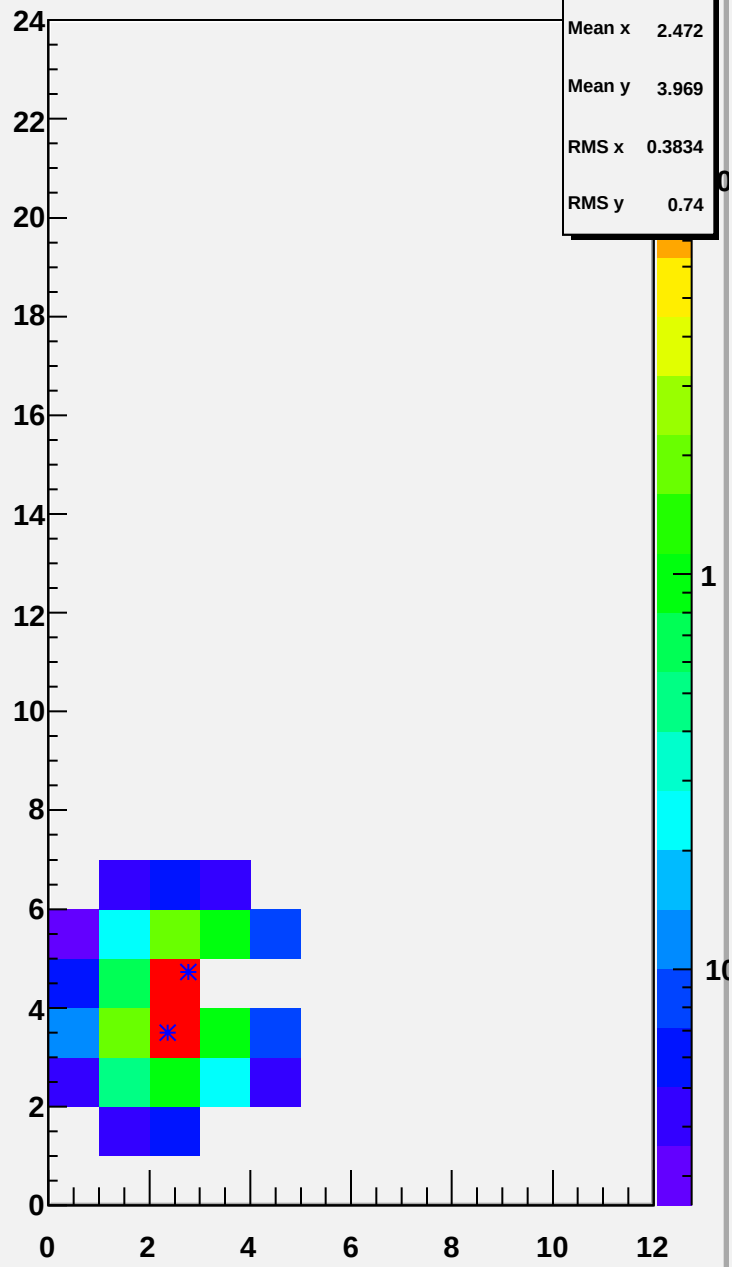
Efit

Entries	288
Mean x	2.192
Mean y	4.11
RMS x	0.5595
RMS y	0.9325

NSTB3_r4_c3_En=49.7_m0=0.195 m1=0.195 index=2520



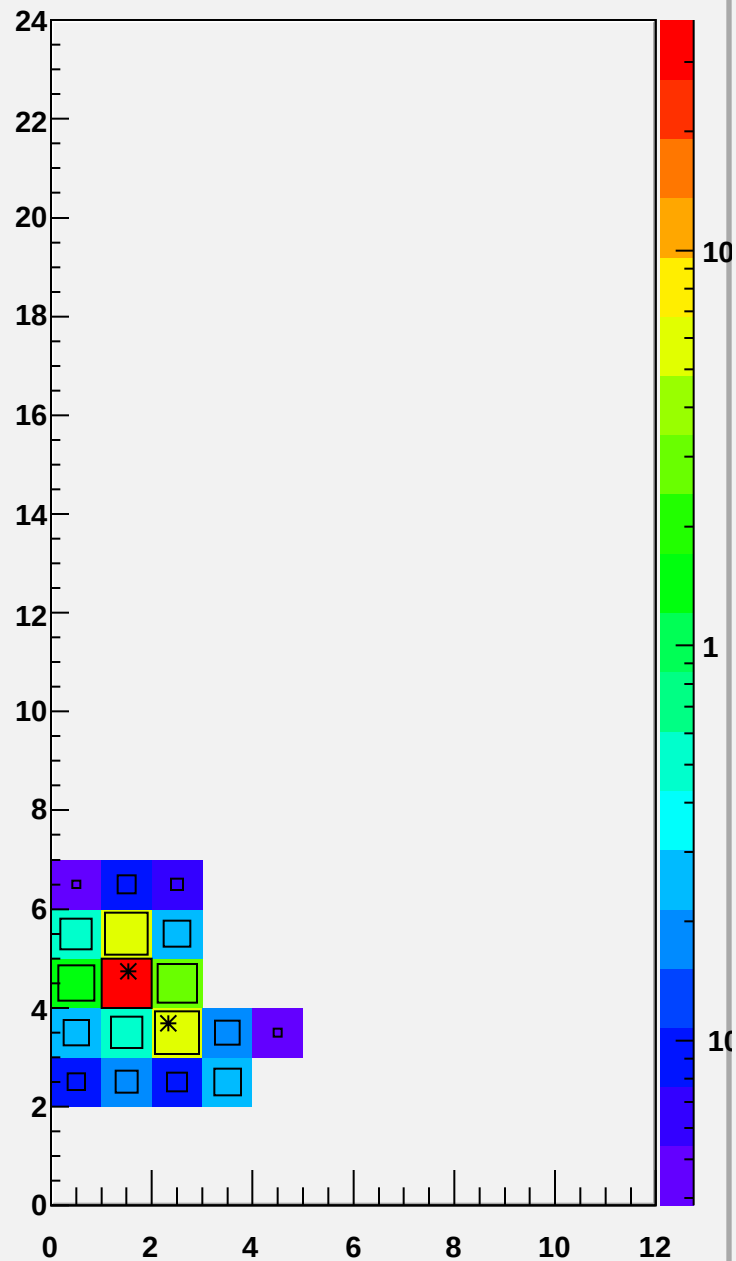
Fitted Energies



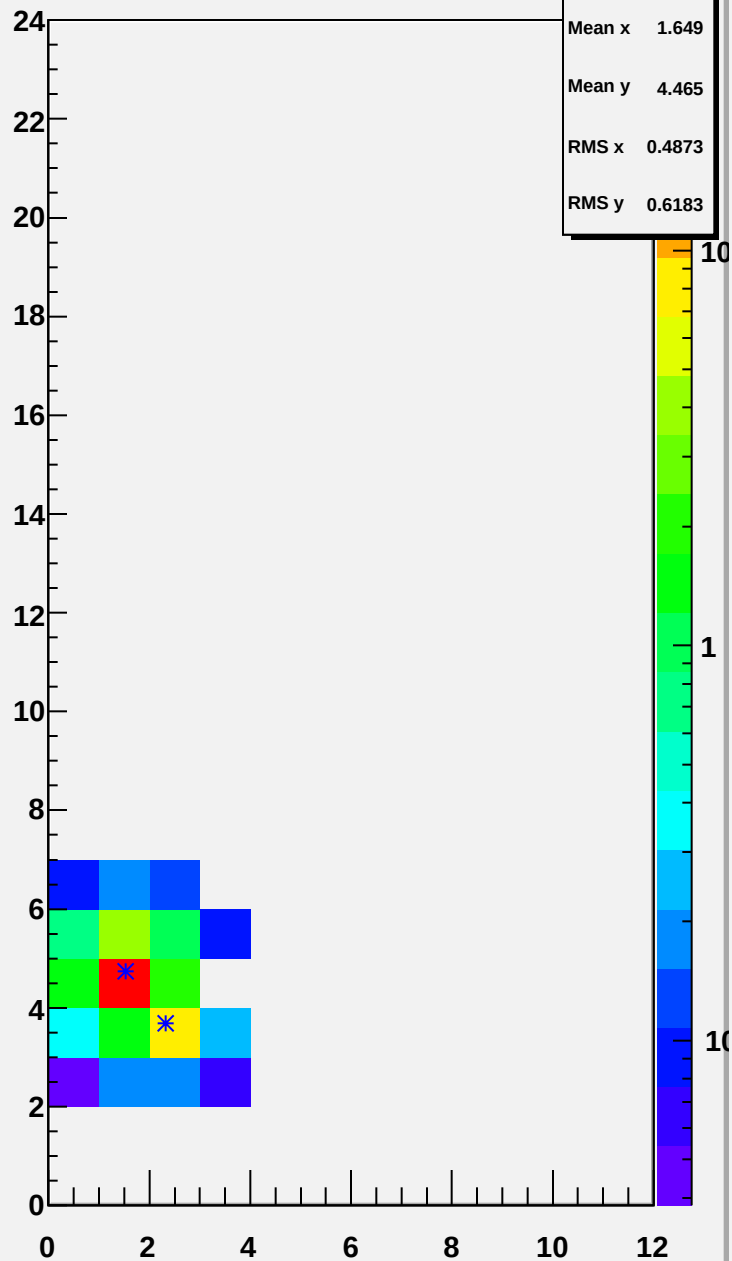
Efit

Entries	288
Mean x	2.472
Mean y	3.969
RMS x	0.3834
RMS y	0.74

NSTB3_r4_c3_En=56.9_m0=0.151 m1=0.151 index=2521



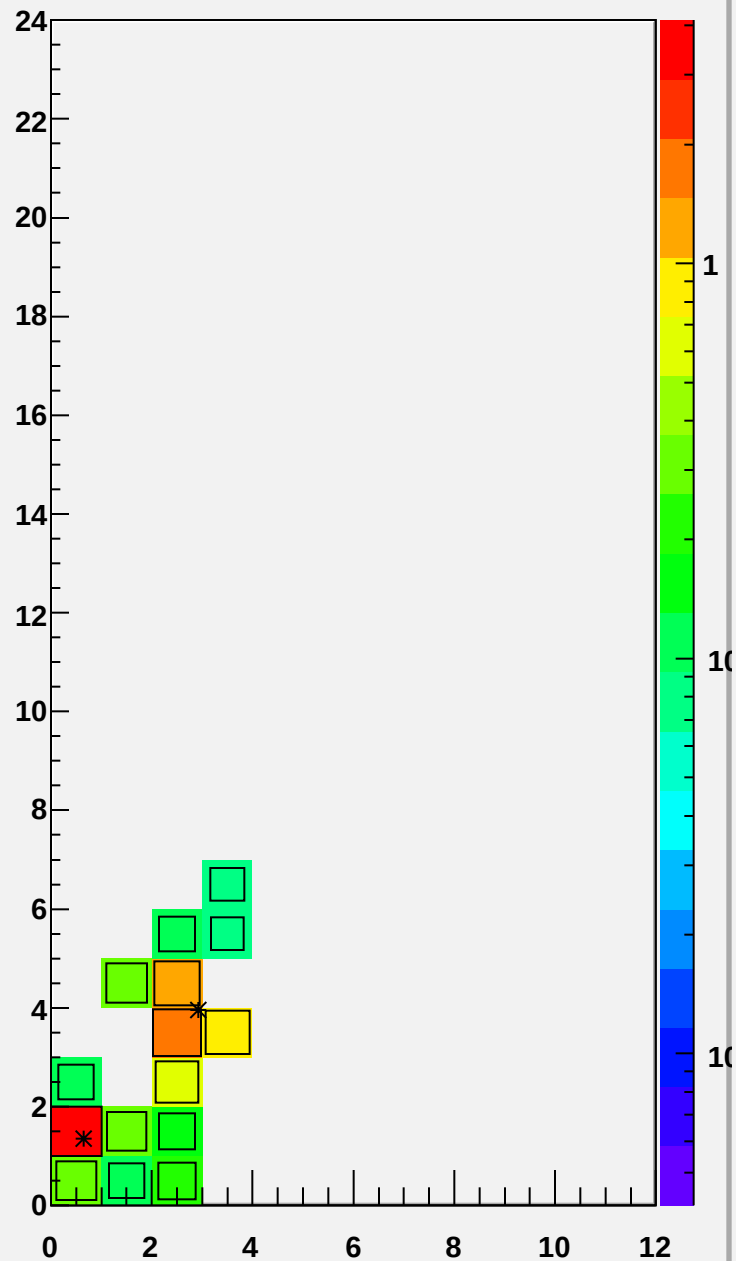
Fitted Energies



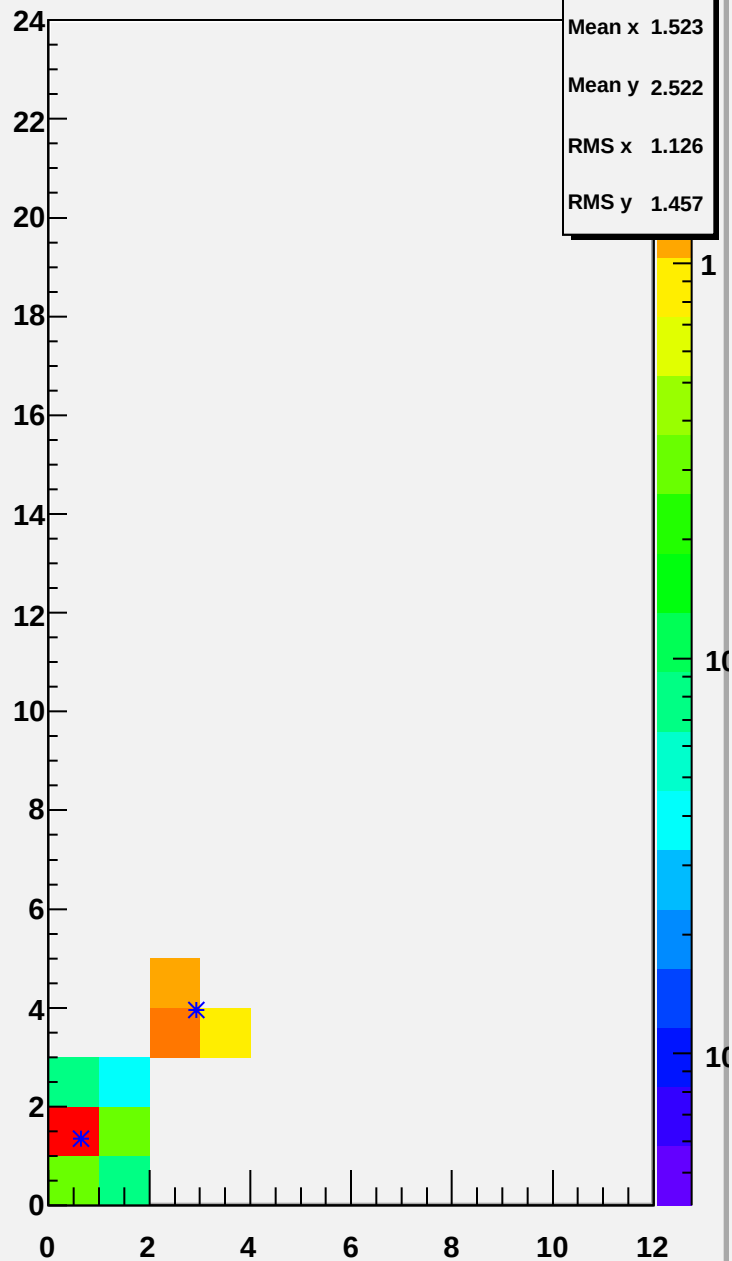
Efit

Entries	288
Mean x	1.649
Mean y	4.465
RMS x	0.4873
RMS y	0.6183

NSTB3_r4_c3_En=10.4_m0=0.095 m1=0.095 index=2522



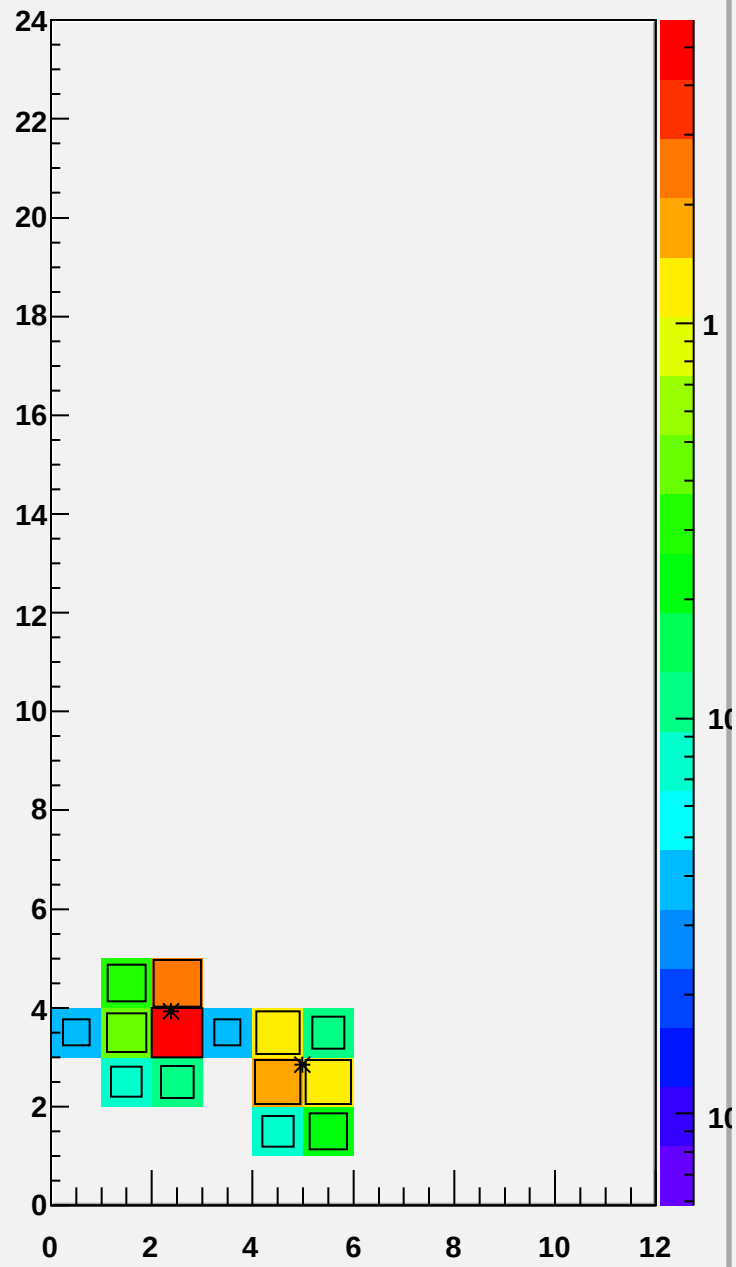
Fitted Energies



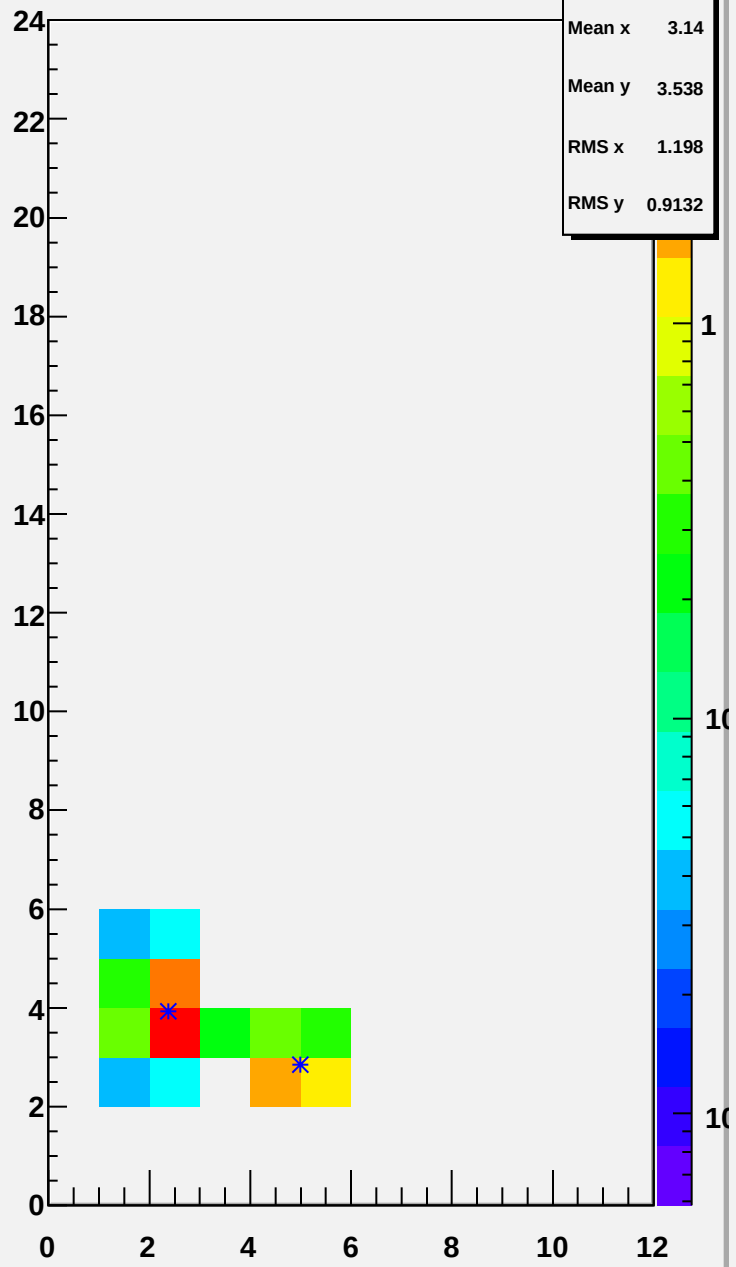
Efit

Entries 288
Mean x 1.523
Mean y 2.522
RMS x 1.126
RMS y 1.457

NSTB3_r4_c3_En=13.8_m0=0.096 m1=0.096 index=2523



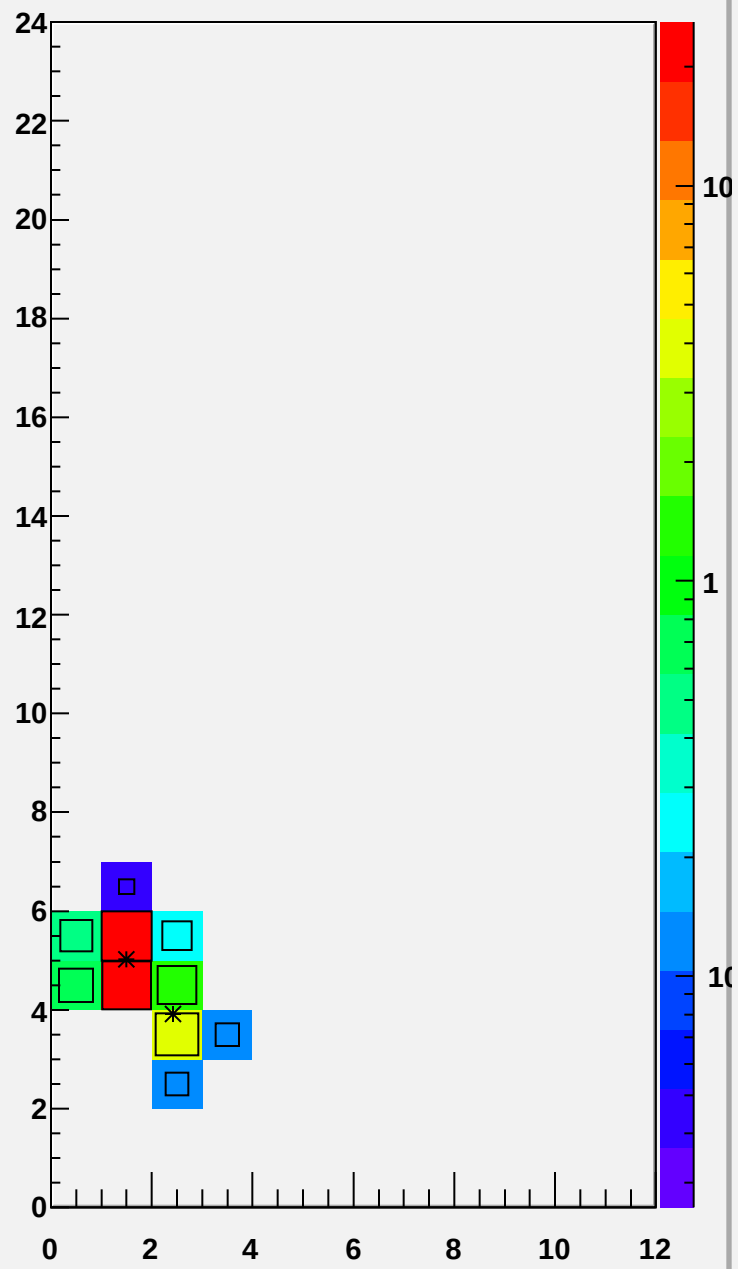
Fitted Energies



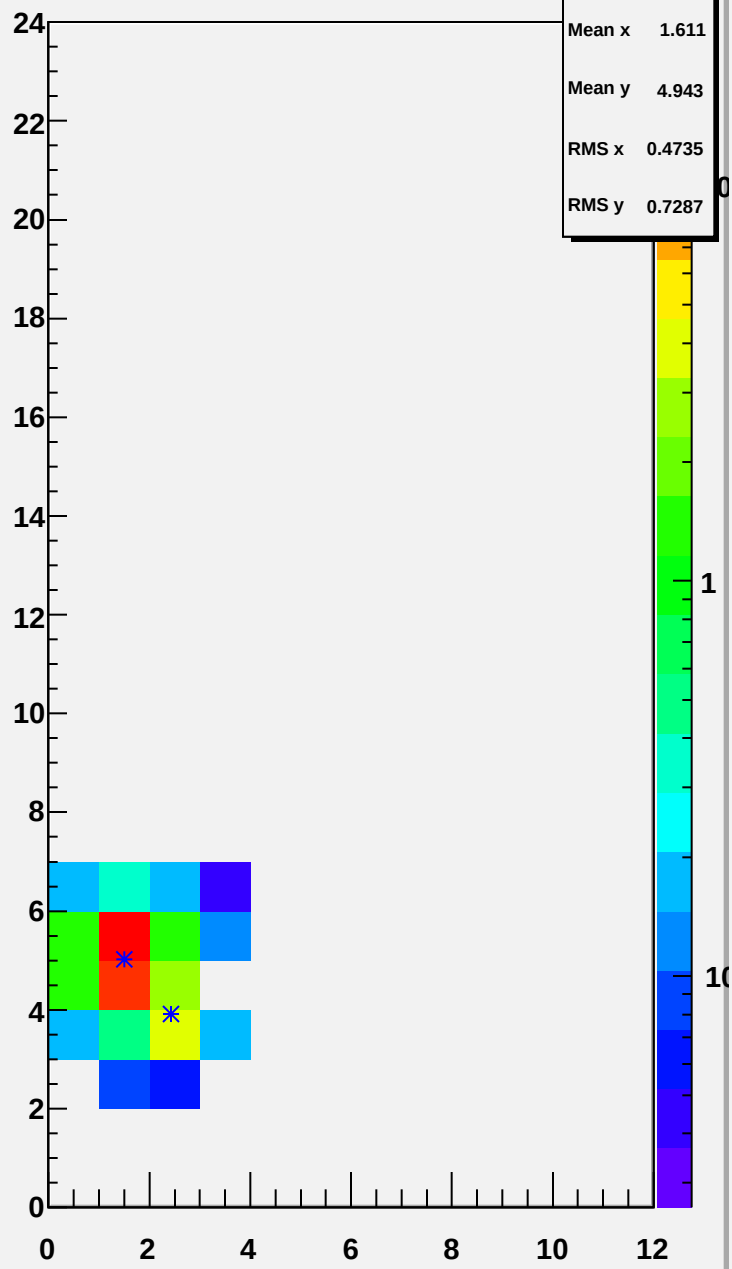
Efit

Entries	288
Mean x	3.14
Mean y	3.538
RMS x	1.198
RMS y	0.9132

NSTB3_r4_c3_En=51.6_m0=0.140 m1=0.140 index=2524



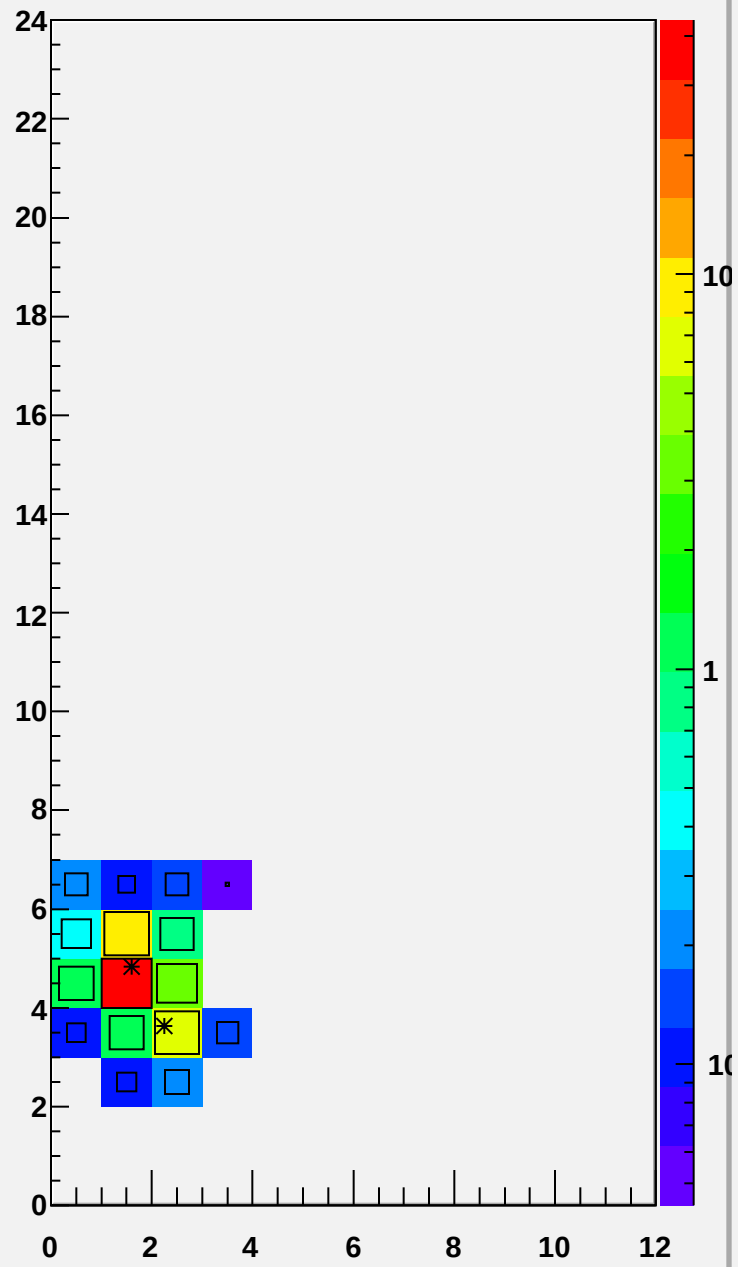
Fitted Energies



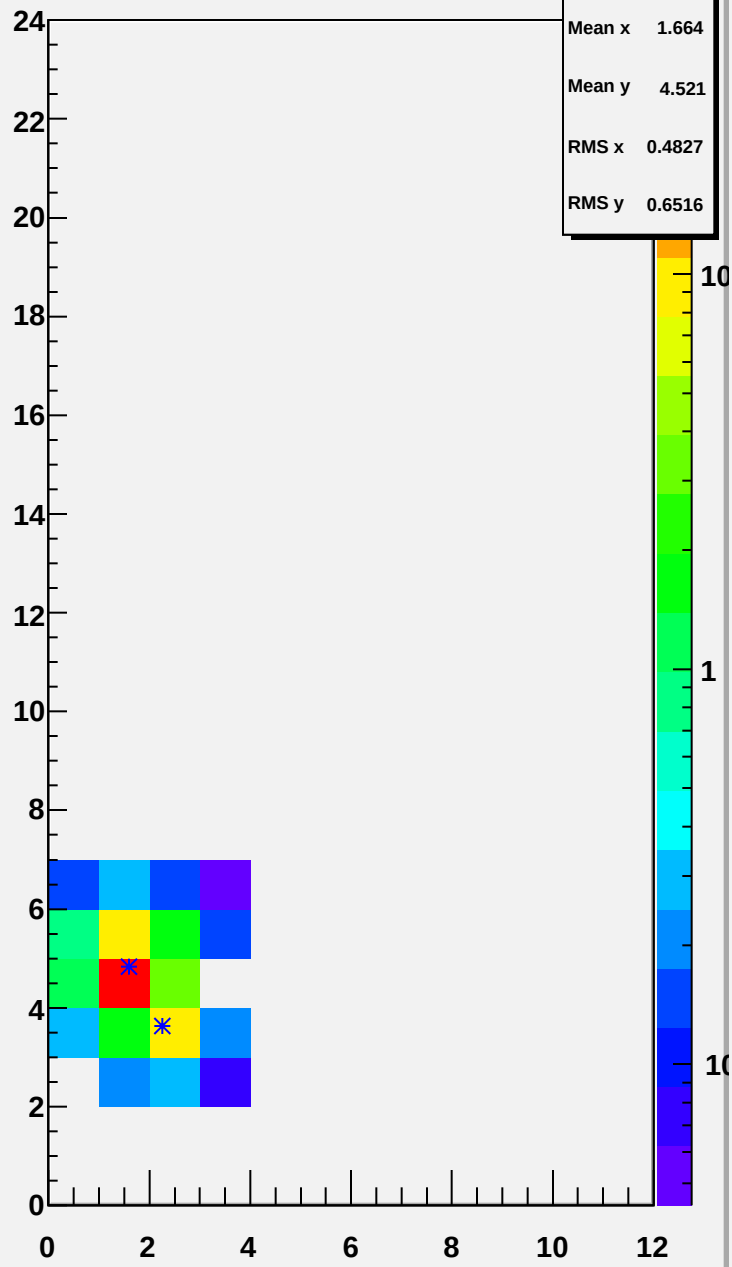
Efit

Entries	288
Mean x	1.611
Mean y	4.943
RMS x	0.4735
RMS y	0.7287

NSTB3_r4_c3_En=68.7_m0=0.188 m1=0.187 index=2525



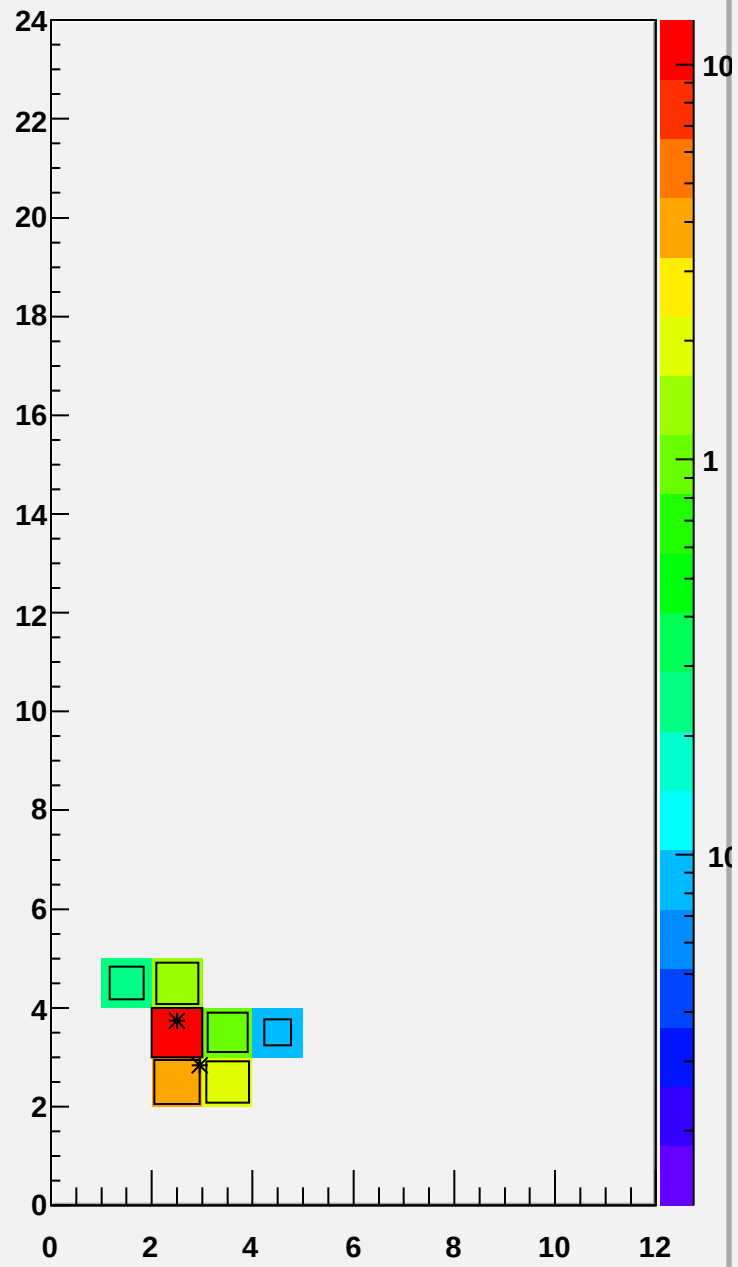
Fitted Energies



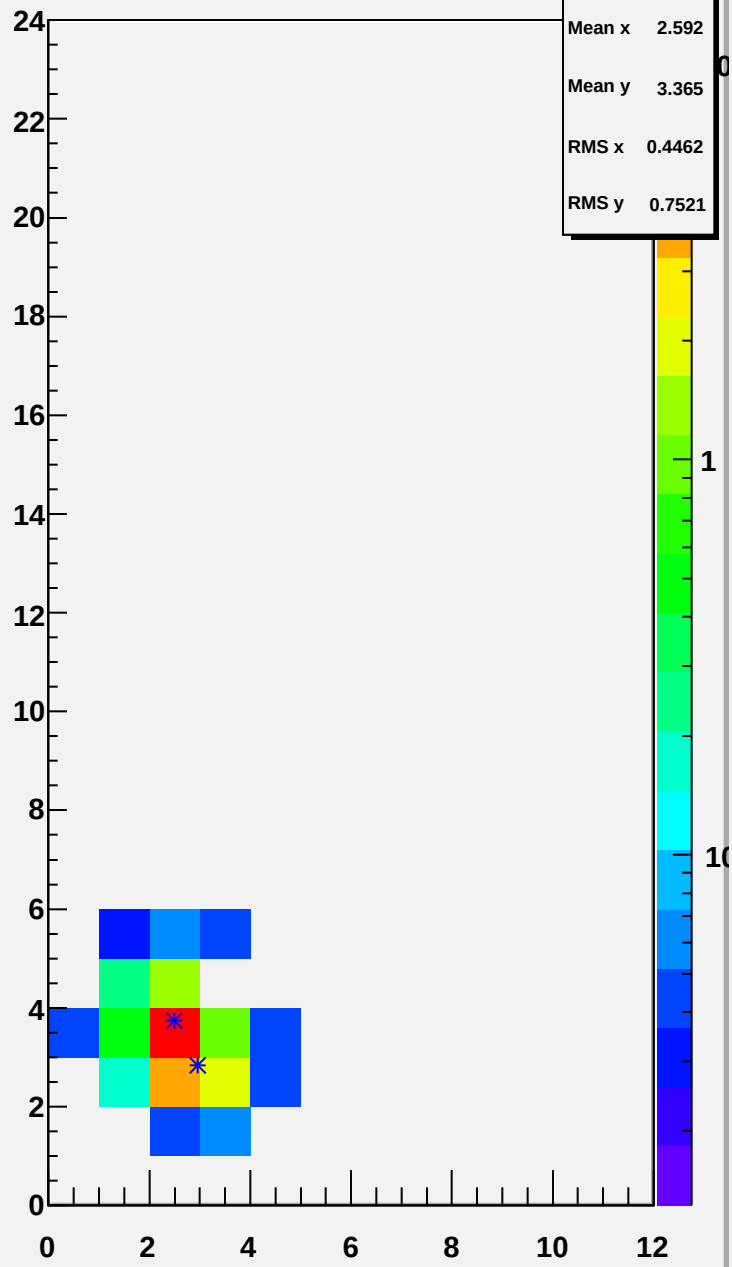
Efit

Entries	288
Mean x	1.664
Mean y	4.521
RMS x	0.4827
RMS y	0.6516

NSTB3_r4_c3_En=21.1_m0=0.056 m1=0.056 index=2528



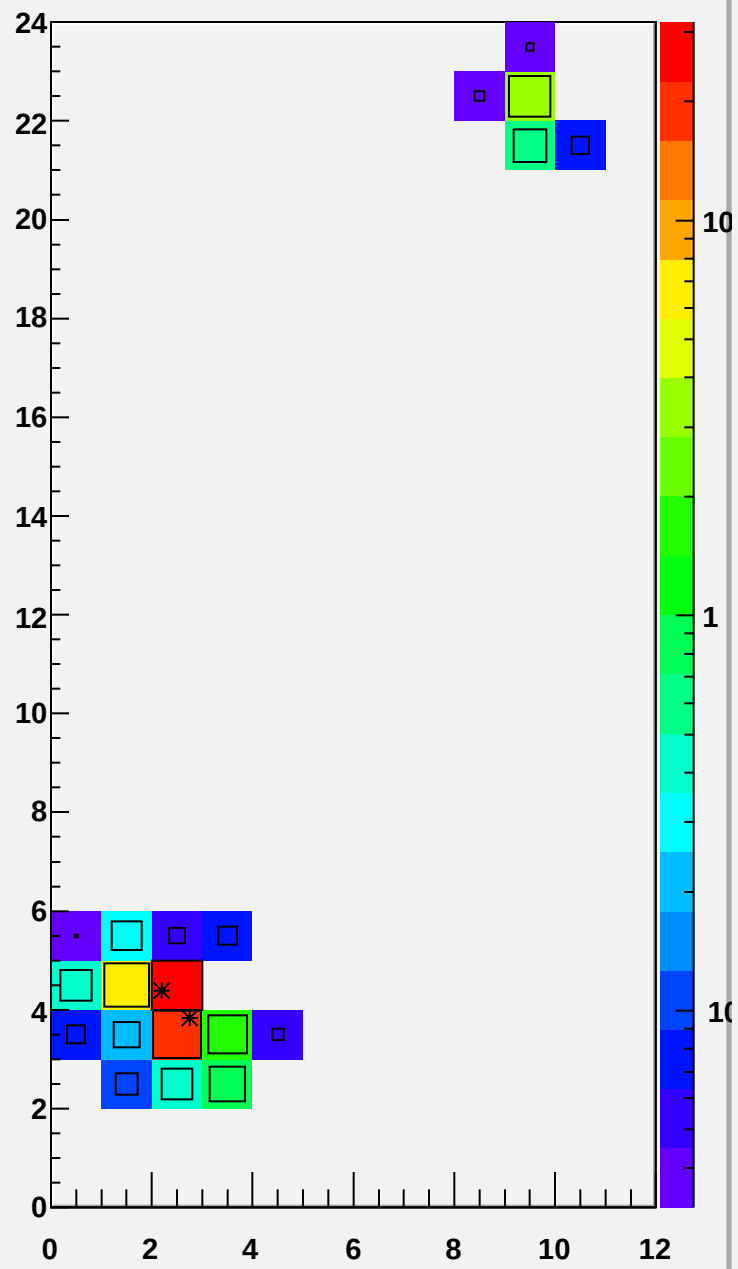
Fitted Energies



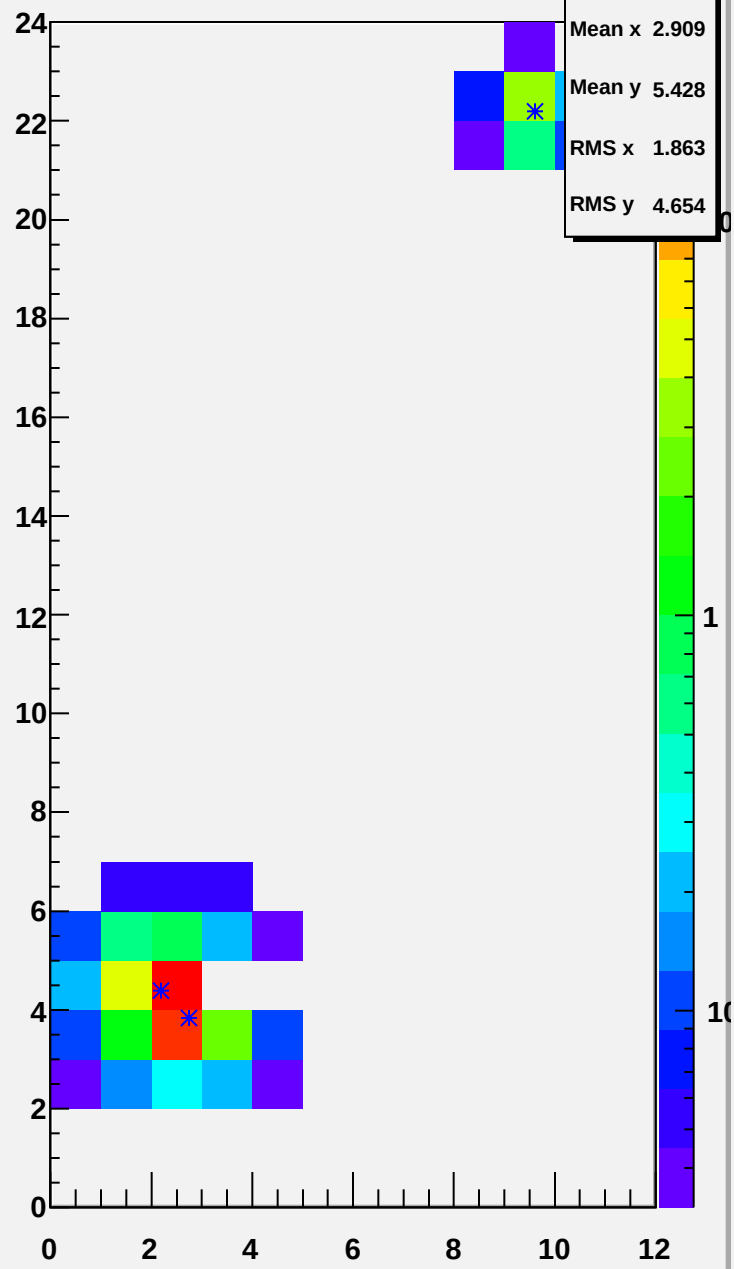
Efit

Entries	288
Mean x	2.592
Mean y	3.365
RMS x	0.4462
RMS y	0.7521

NSTB3_r4_c3_En=64.5_m0=0.125_m1=0.124_index=2529



Fitted Energies



Efit

Entries 288

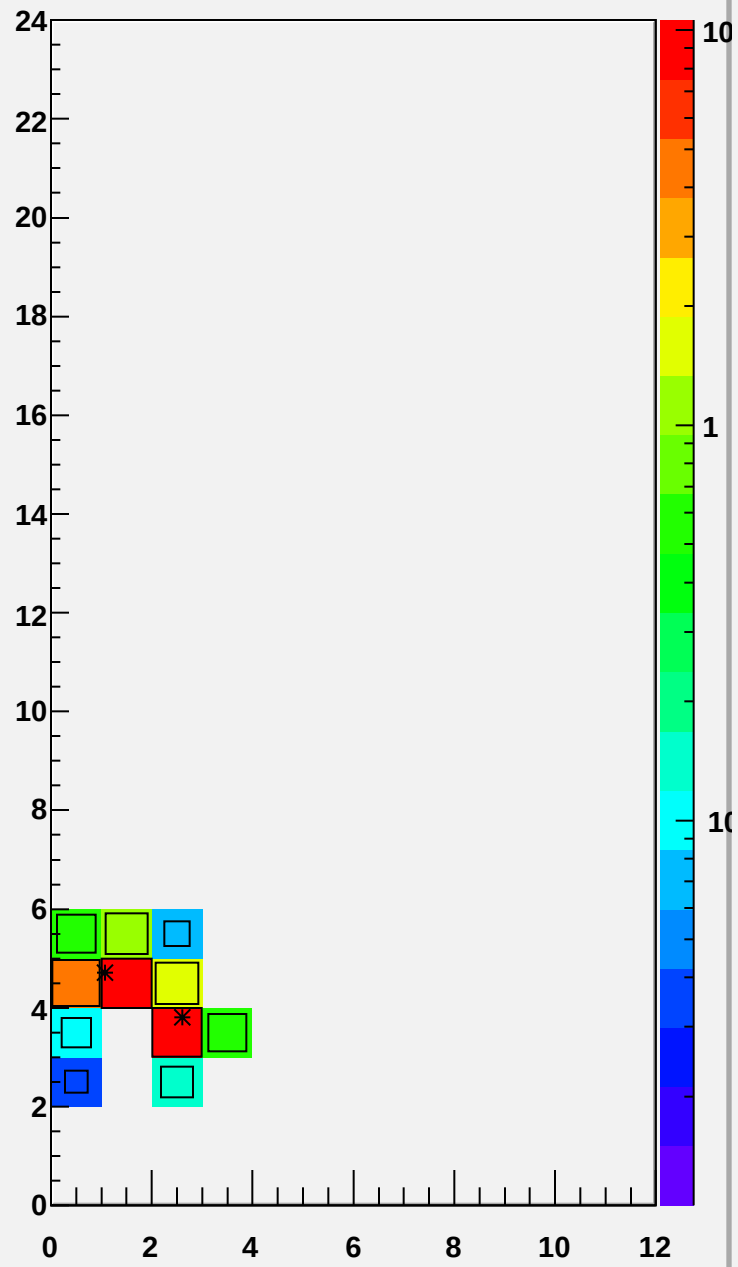
Mean x 2.909

Mean y 5.428

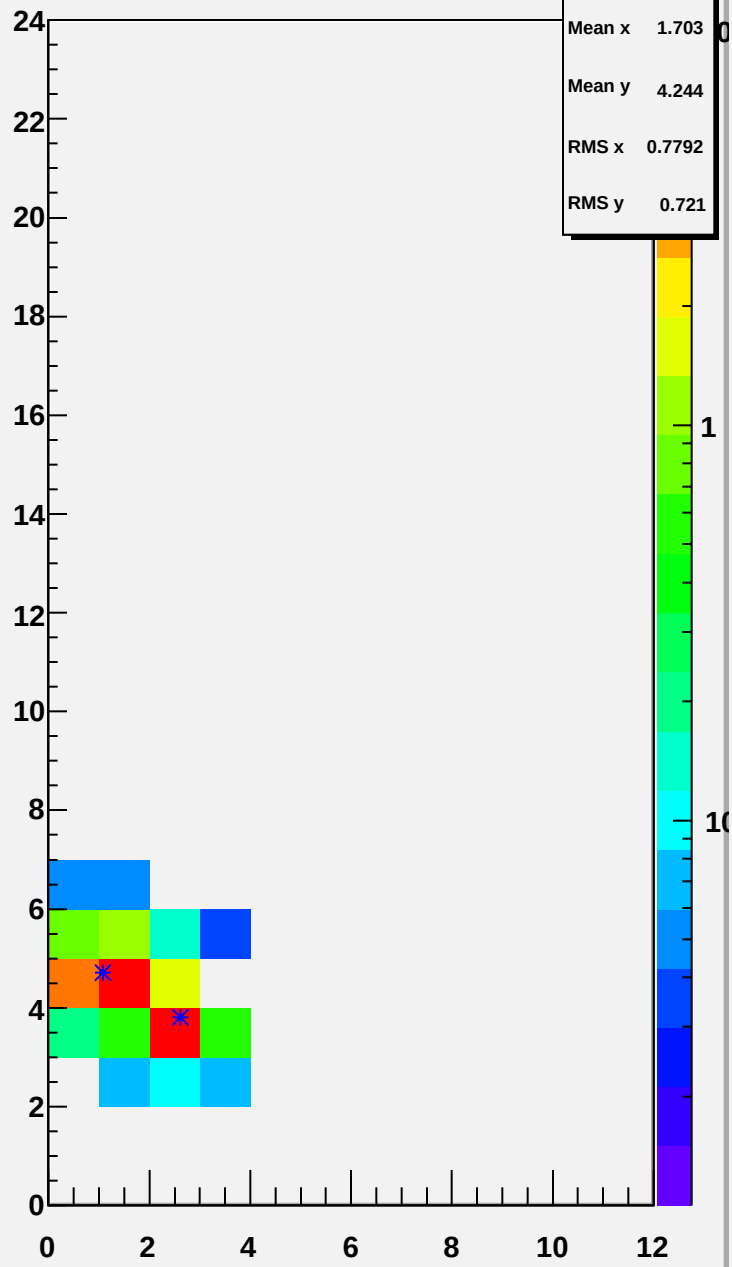
RMS x 1.863

RMS y 4.654

NSTB3_r4_c3_En=27.6_m0=0.138 m1=0.138 index=2530



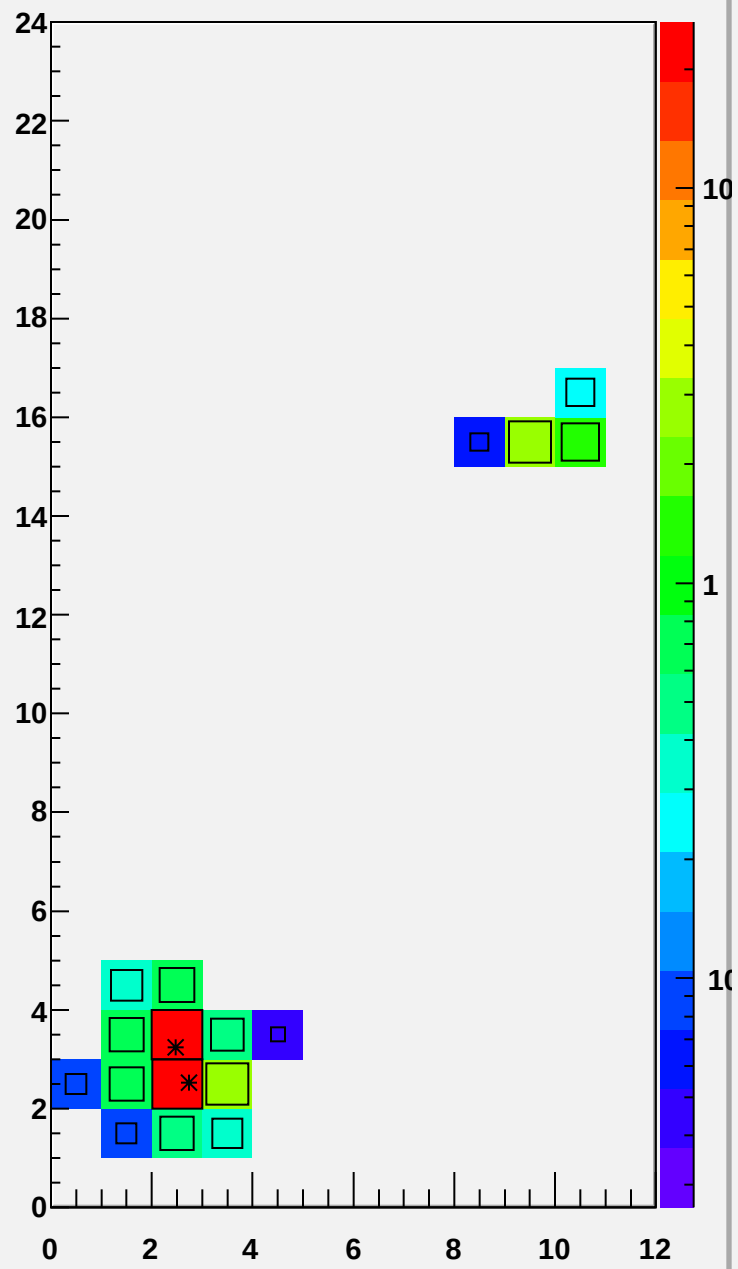
Fitted Energies



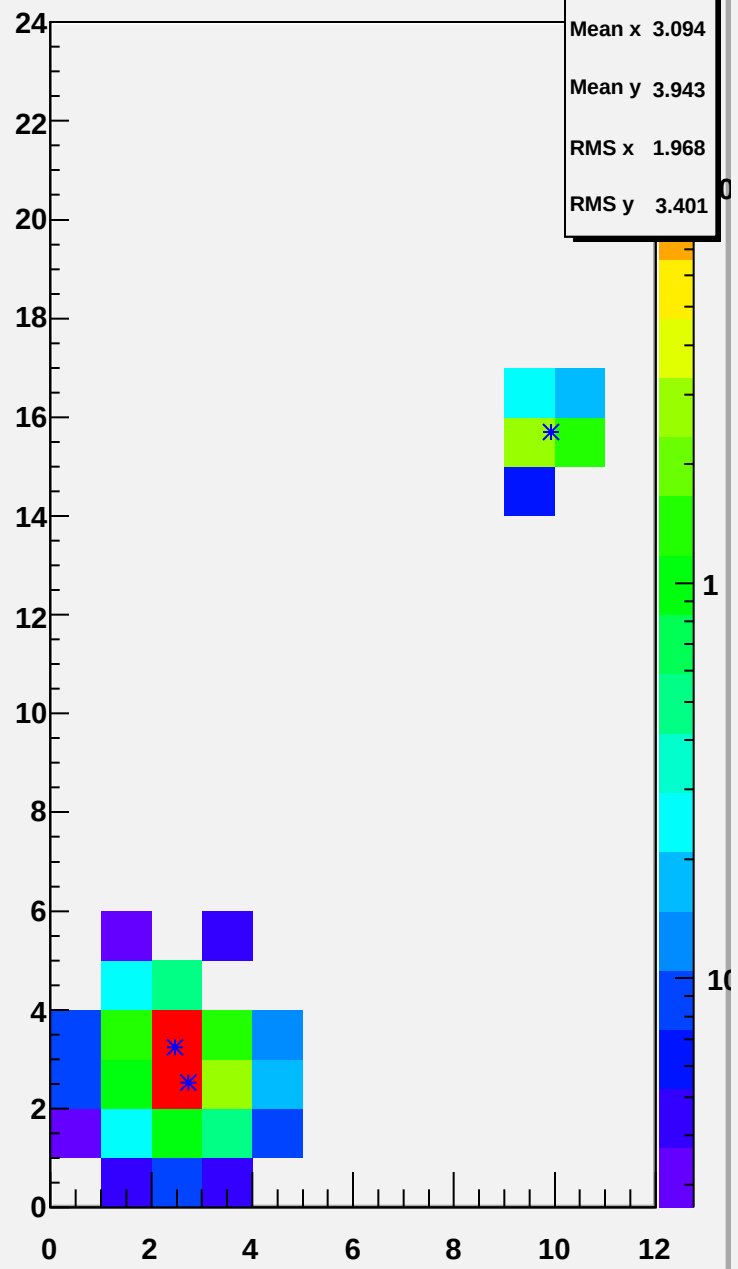
Efit

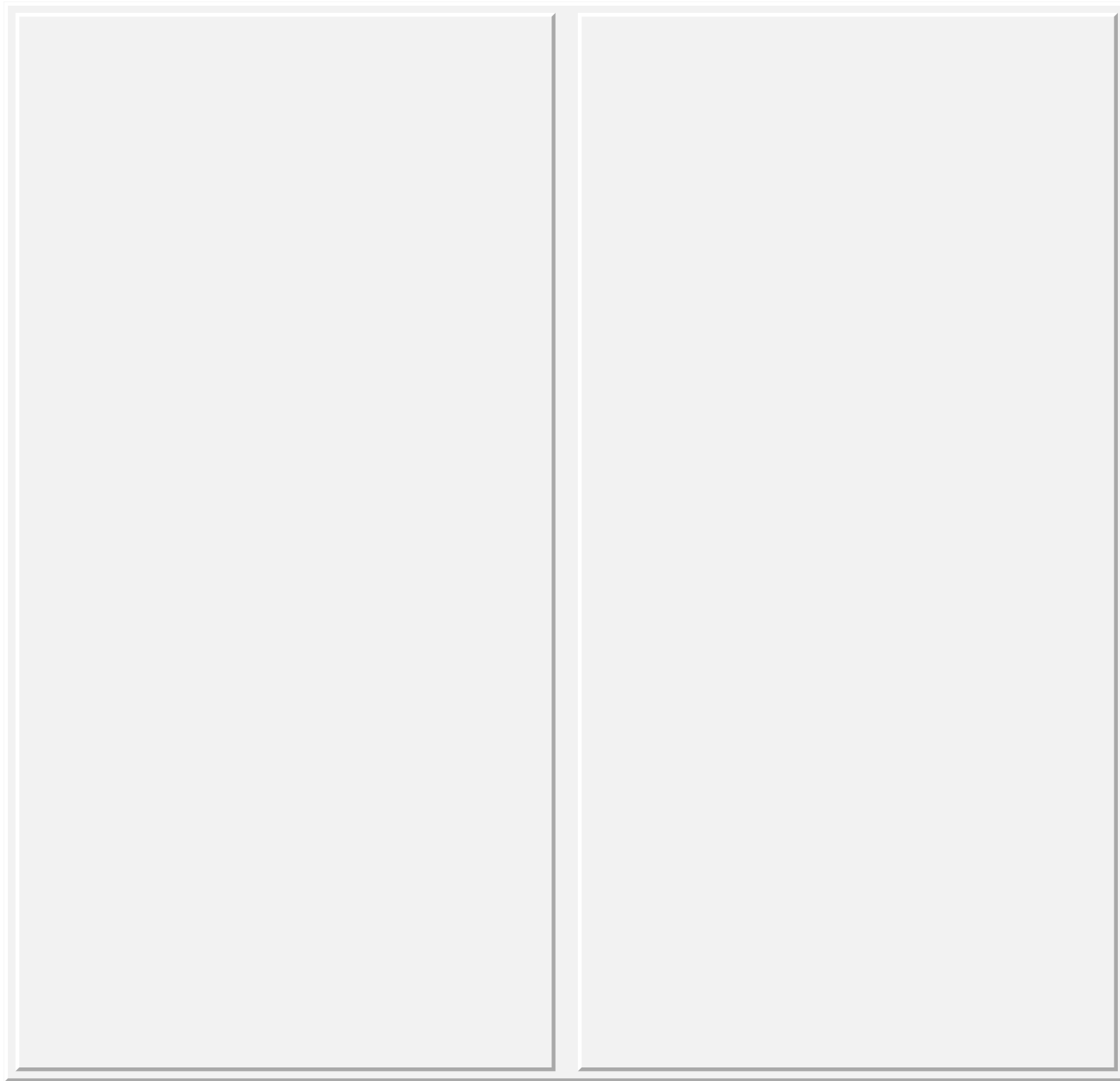
Entries	288
Mean x	1.703
Mean y	4.244
RMS x	0.7792
RMS y	0.721

NSTB3_r4_c3_En=62.3_m0=0.120_m1=0.121_index=2531

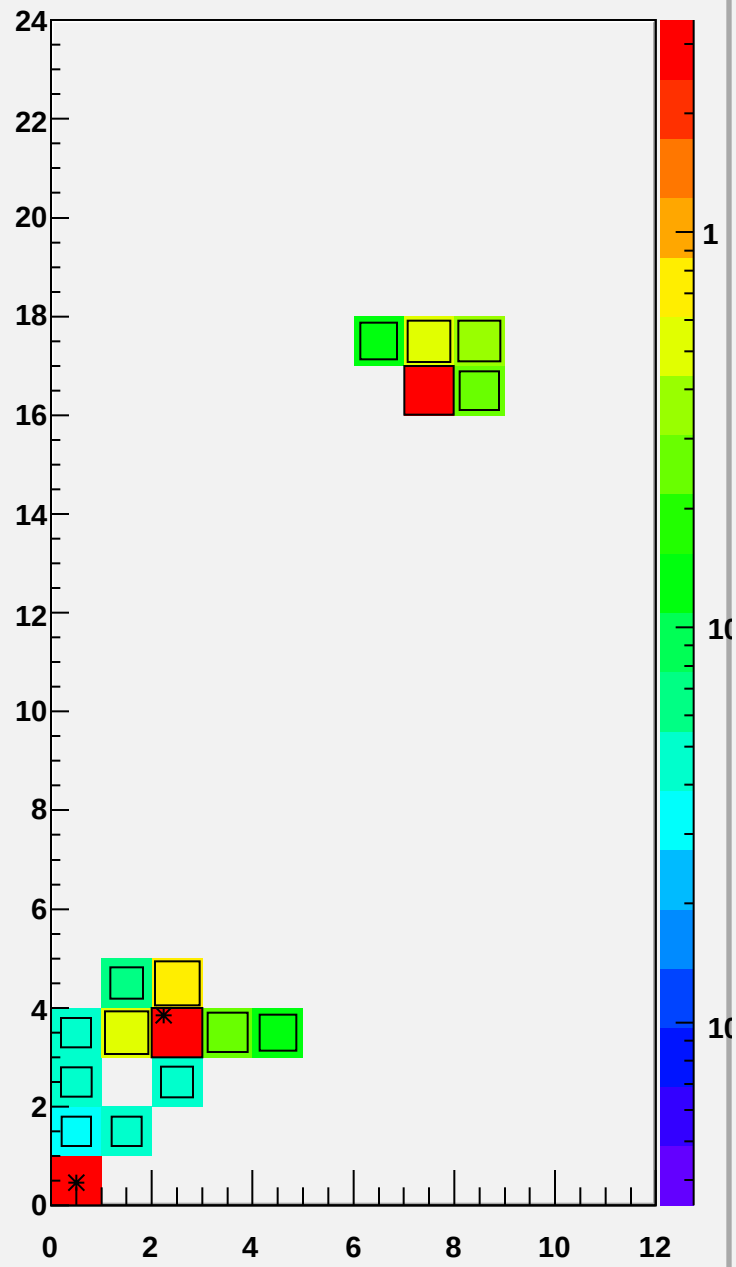


Fitted Energies

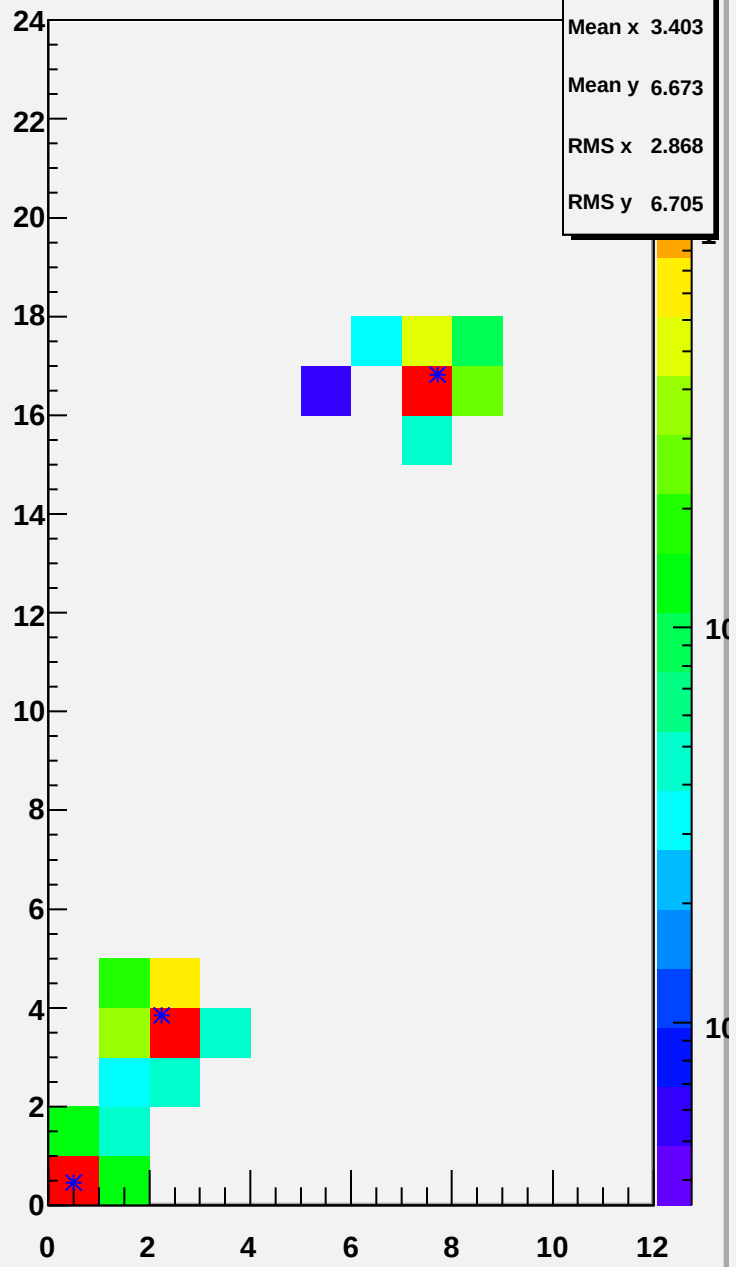




NSTB3_r4_c3_En=12.7_m0=0.093 m1=0.093 index=2534



Fitted Energies



Efit

Entries 288

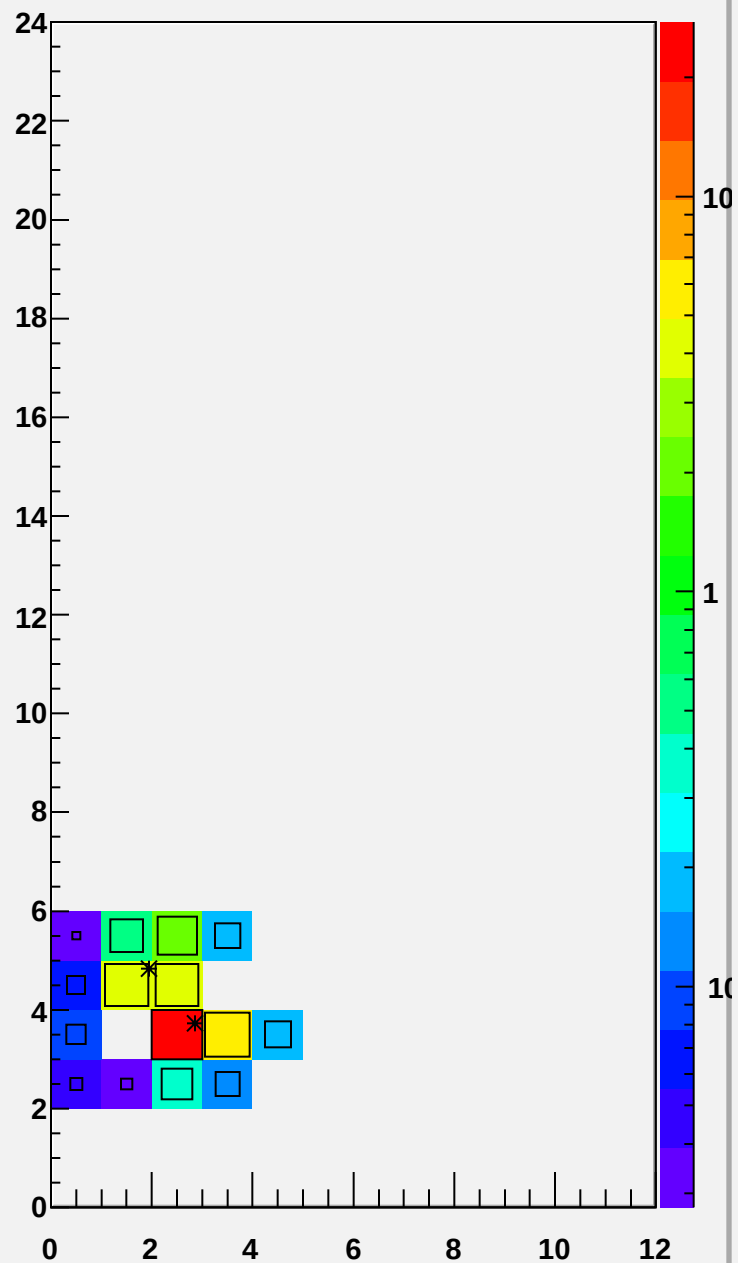
Mean x 3.403

Mean y 6.673

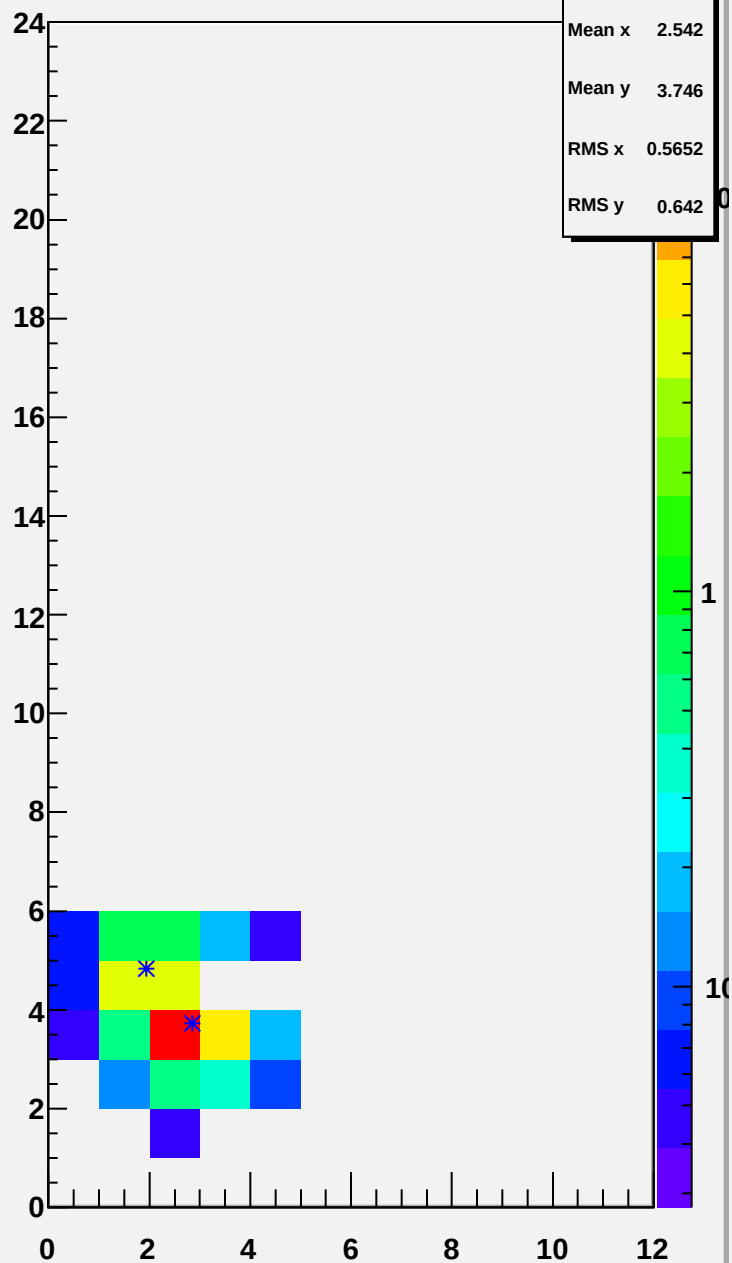
RMS x 2.868

RMS y 6.705

NSTB3_r4_c3_En=46.3_m0=0.136 m1=0.135 index=2538



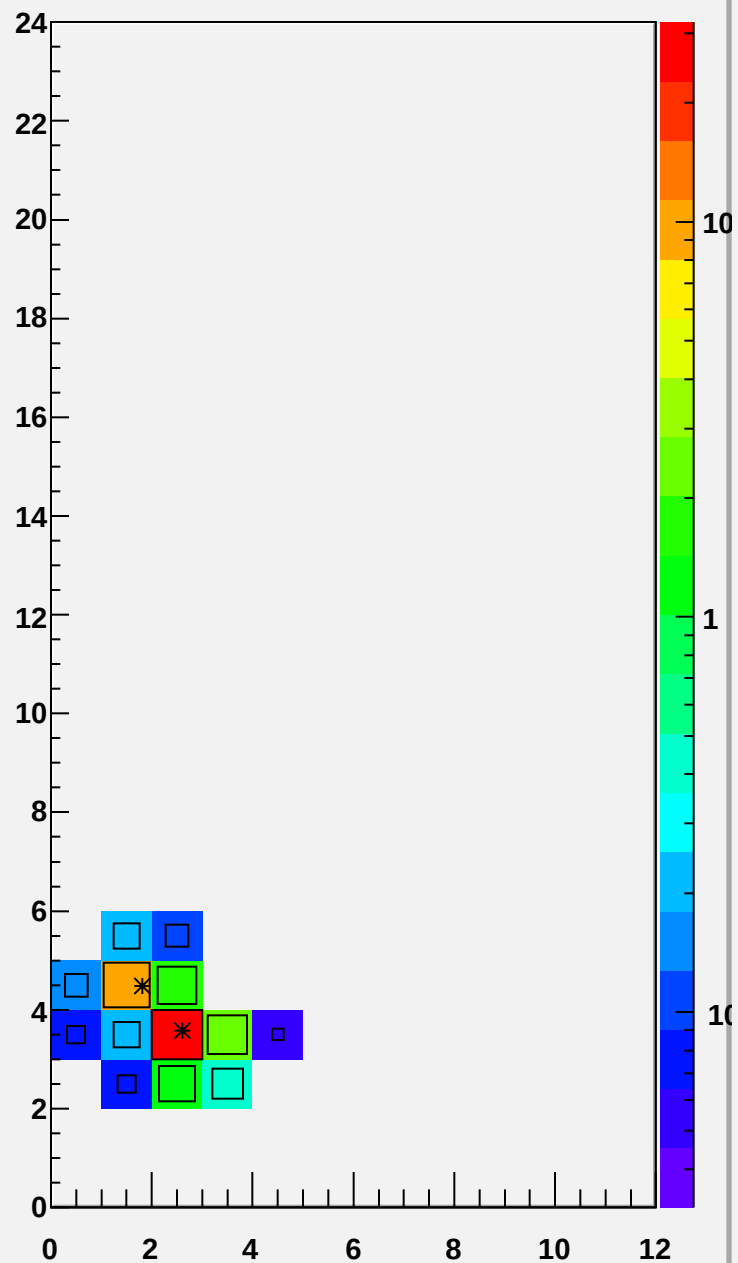
Fitted Energies



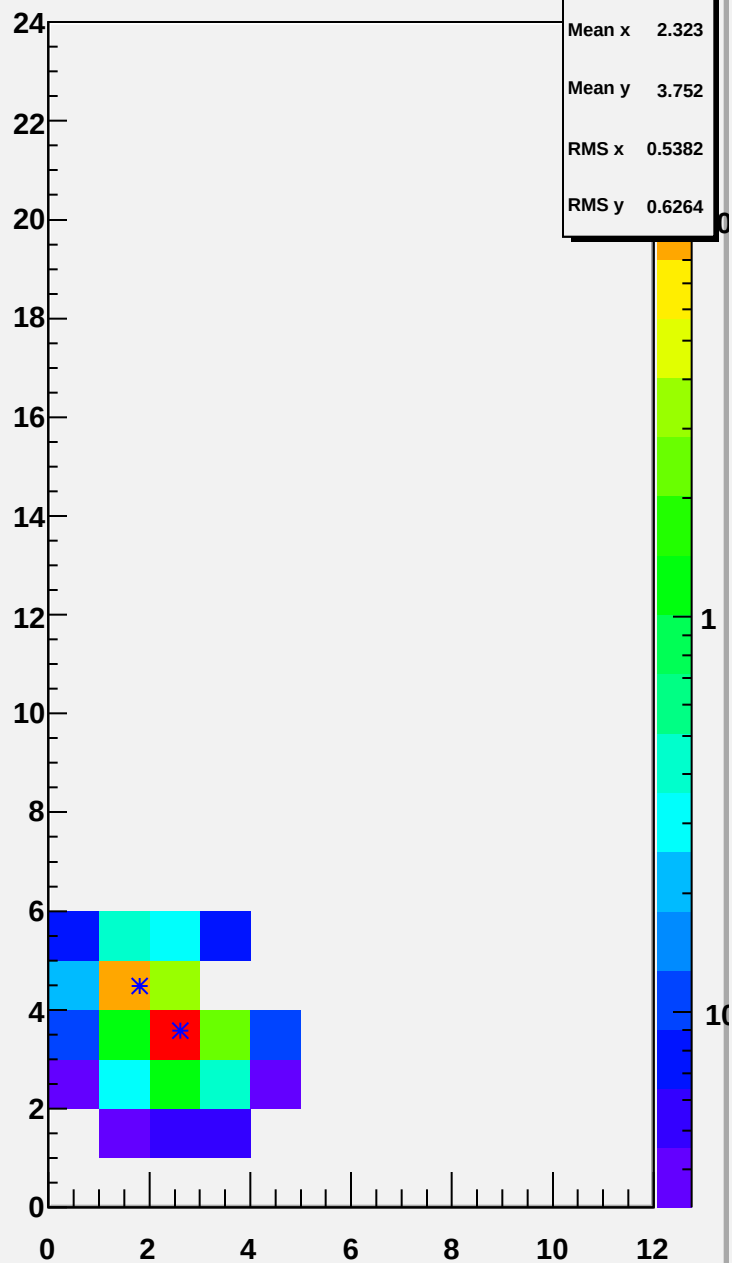
Efit

Entries	288
Mean x	2.542
Mean y	3.746
RMS x	0.5652
RMS y	0.642

NSTB3_r4_c3_En=47.1_m0=0.144 m1=0.145 index=2539



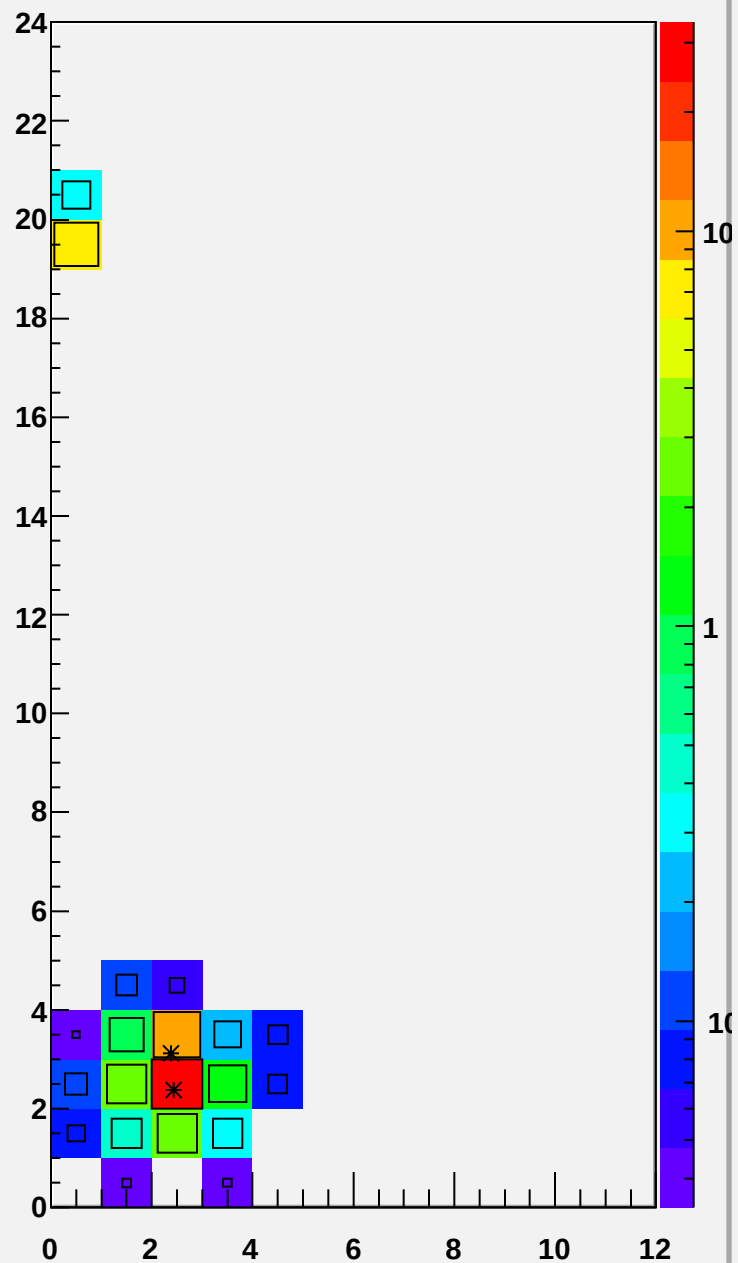
Fitted Energies



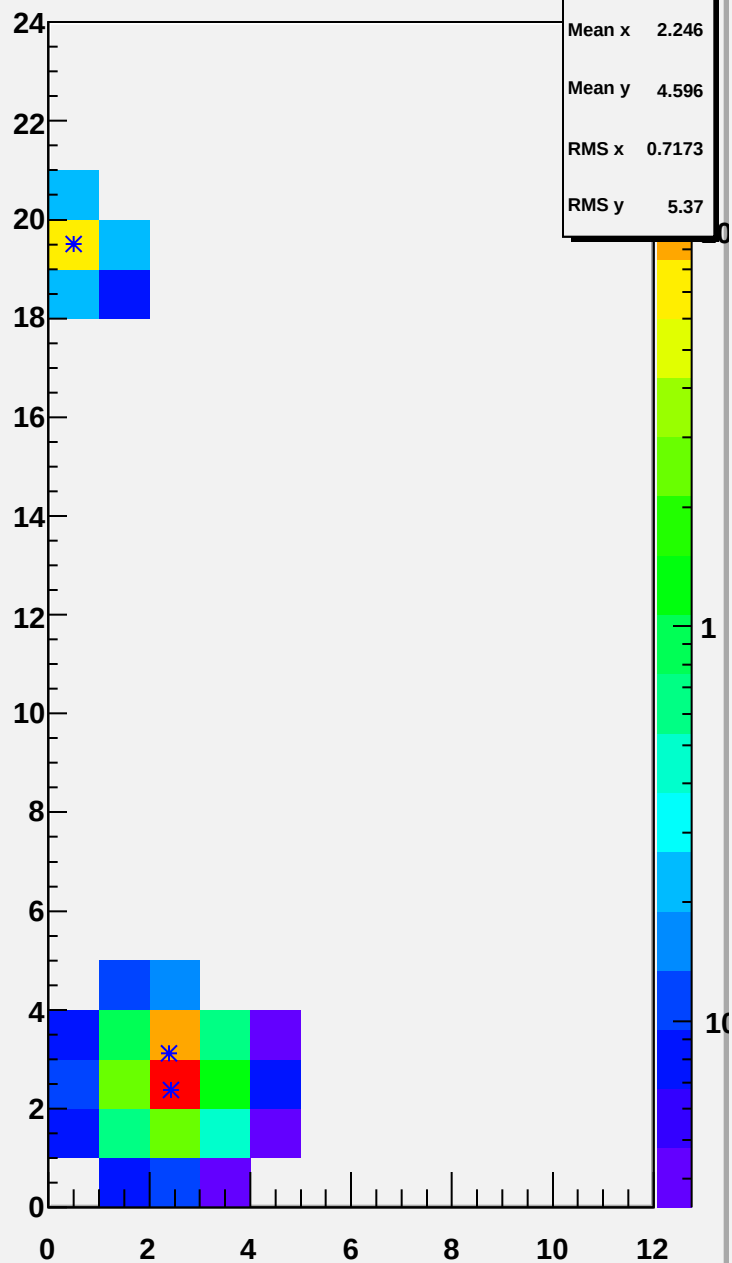
Efit

Entries	288
Mean x	2.323
Mean y	3.752
RMS x	0.5382
RMS y	0.6264

NSTB3_r4_c3_En=60.6_m0=0.097 m1=0.098 index=2540



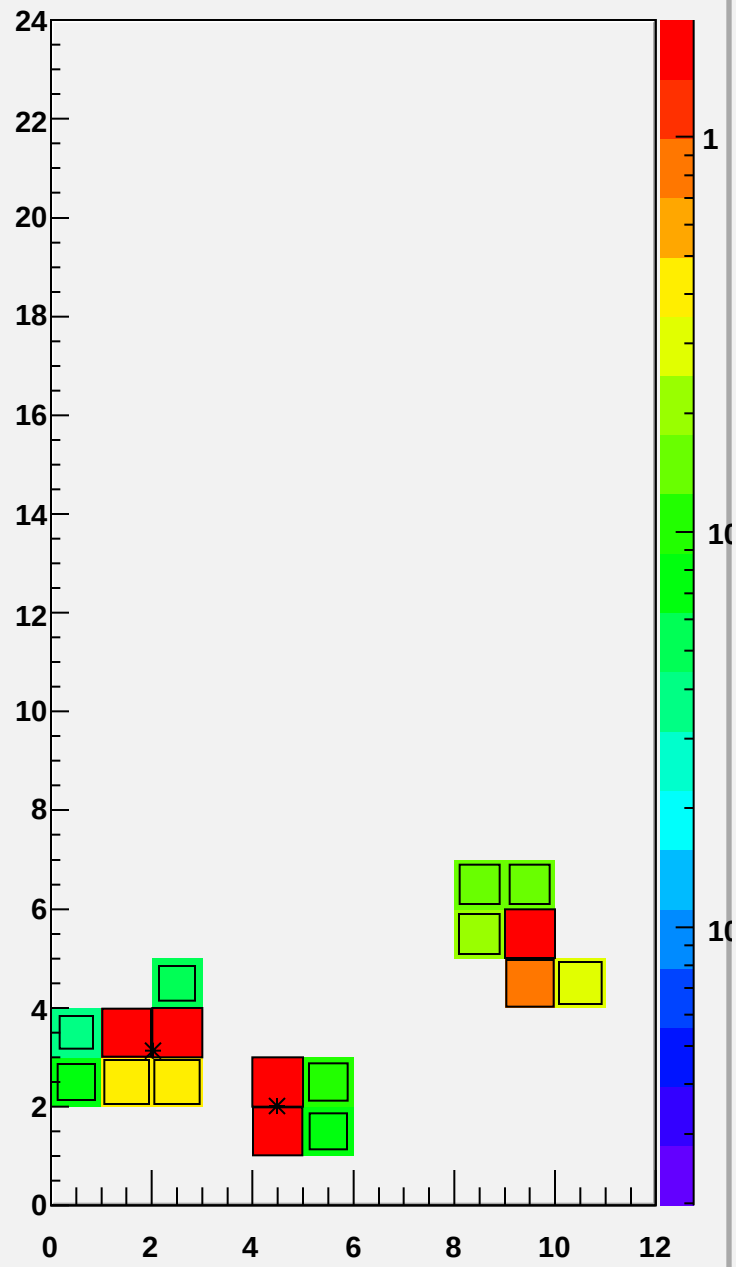
Fitted Energies



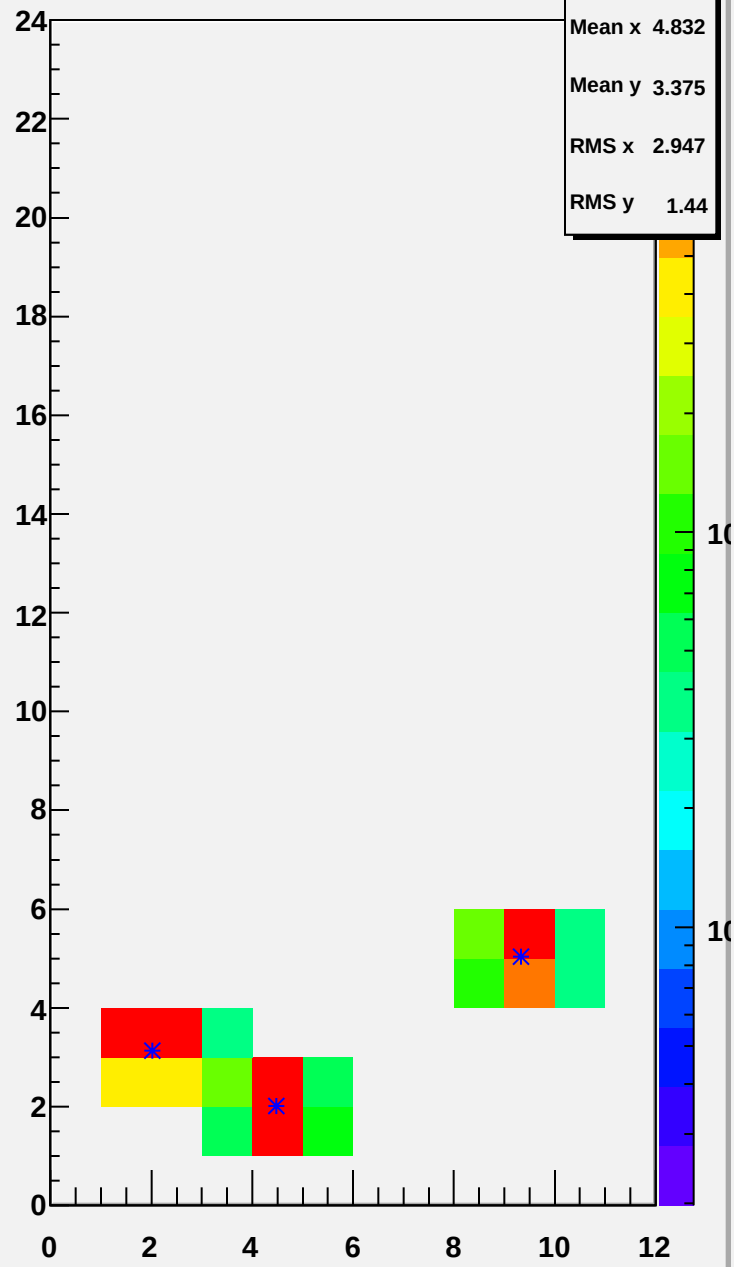
Efit

Entries	288
Mean x	2.246
Mean y	4.596
RMS x	0.7173
RMS y	5.37

NSTB3_r4_c3_En=11.4_m0=0.063 m1=0.063 index=2541



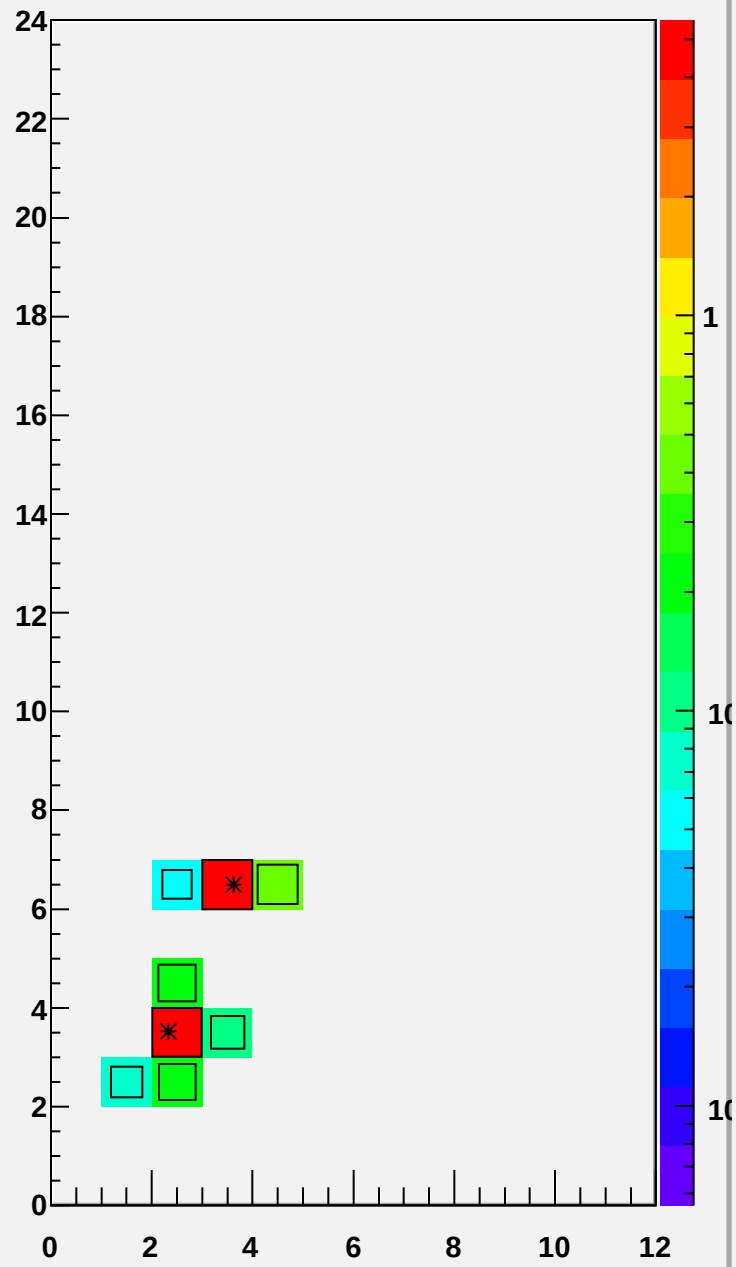
Fitted Energies



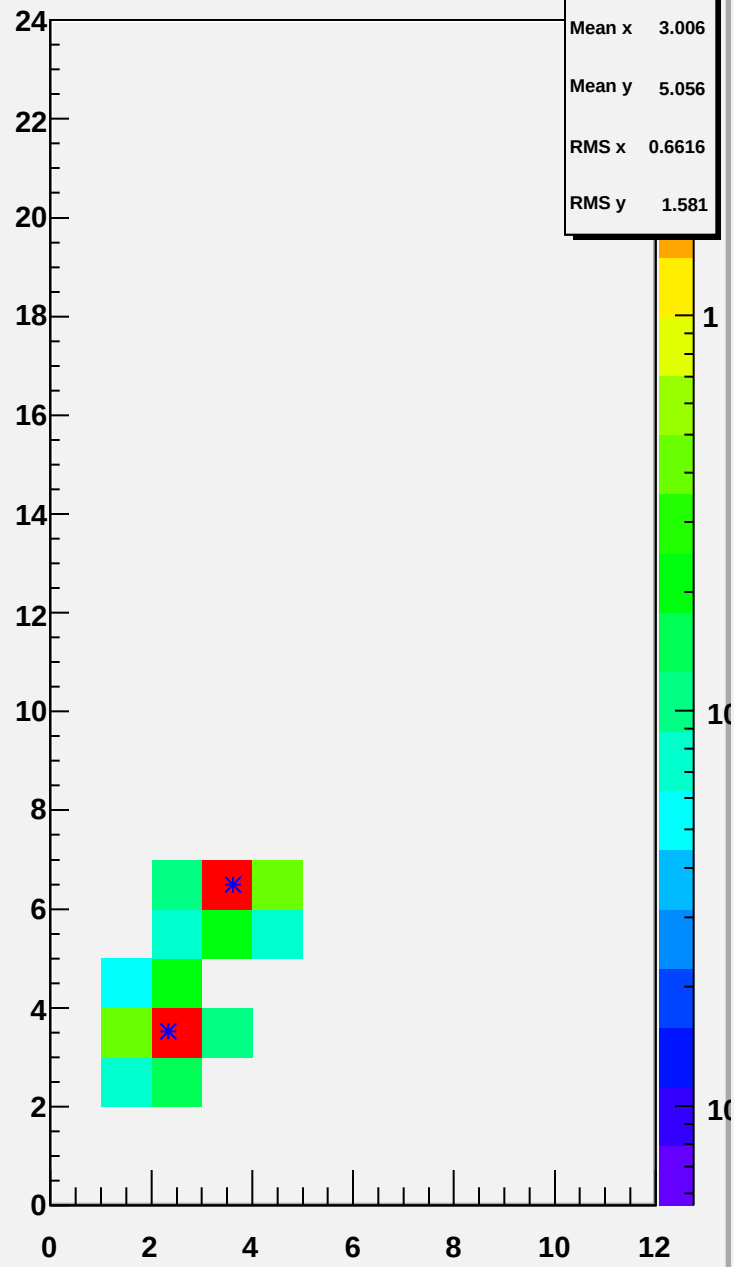
Efit

Entries 288
Mean x 4.832
Mean y 3.375
RMS x 2.947
RMS y 1.44

NSTB3_r4_c3_En=11.6_m0=0.114 m1=0.114 index=2542



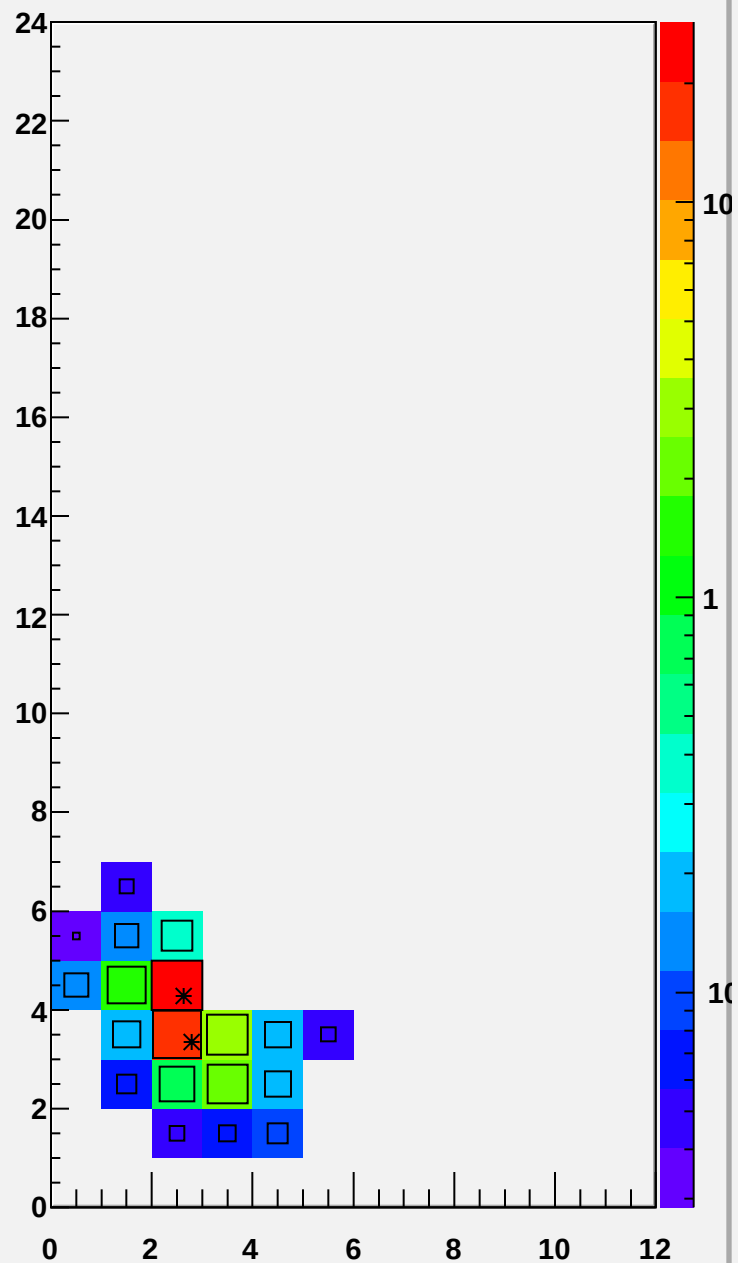
Fitted Energies



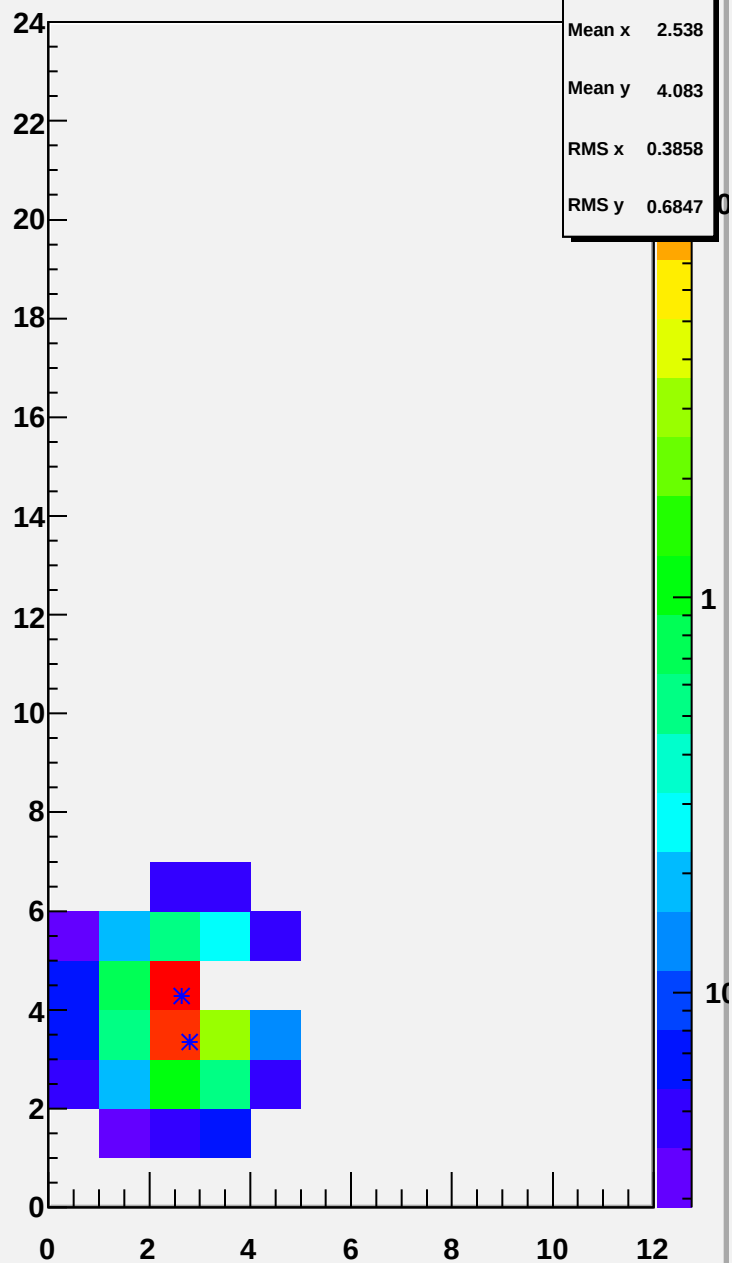
Efit

Entries	288
Mean x	3.006
Mean y	5.056
RMS x	0.6616
RMS y	1.581

NSTB3_r4_c3_En=52.9_m0=0.129 m1=0.128 index=2543



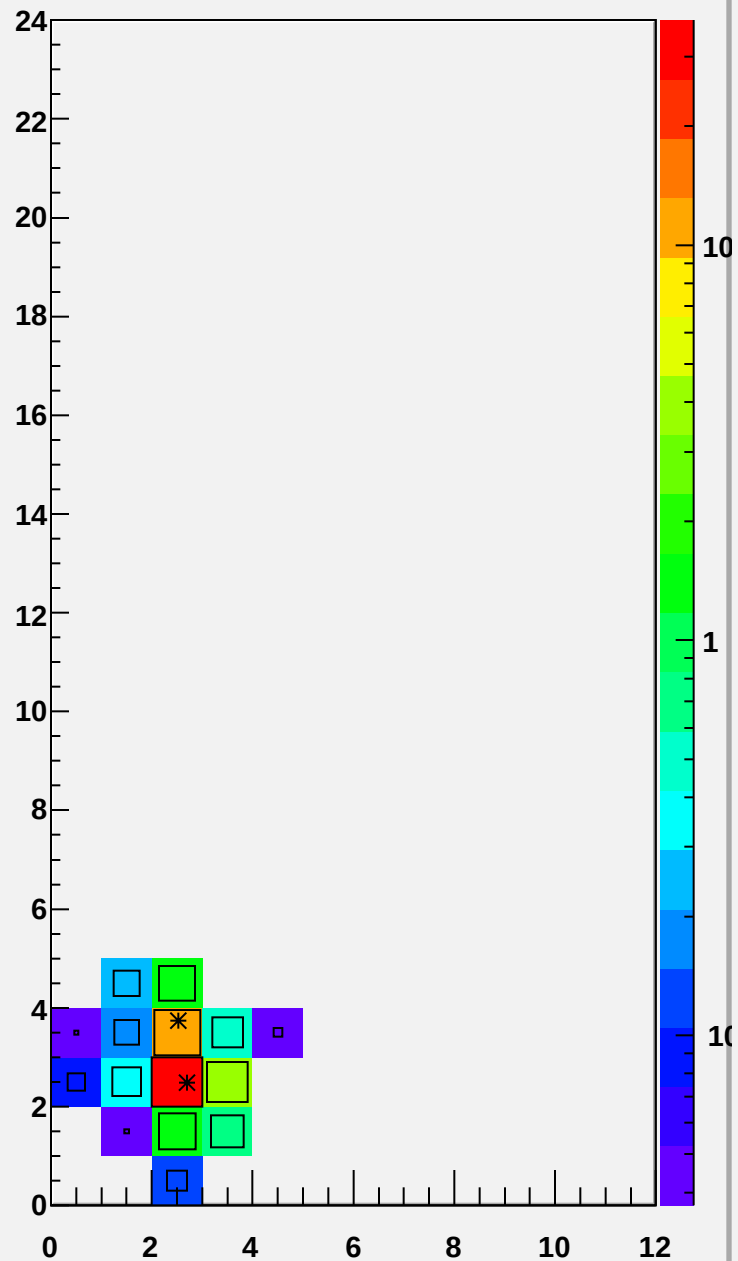
Fitted Energies



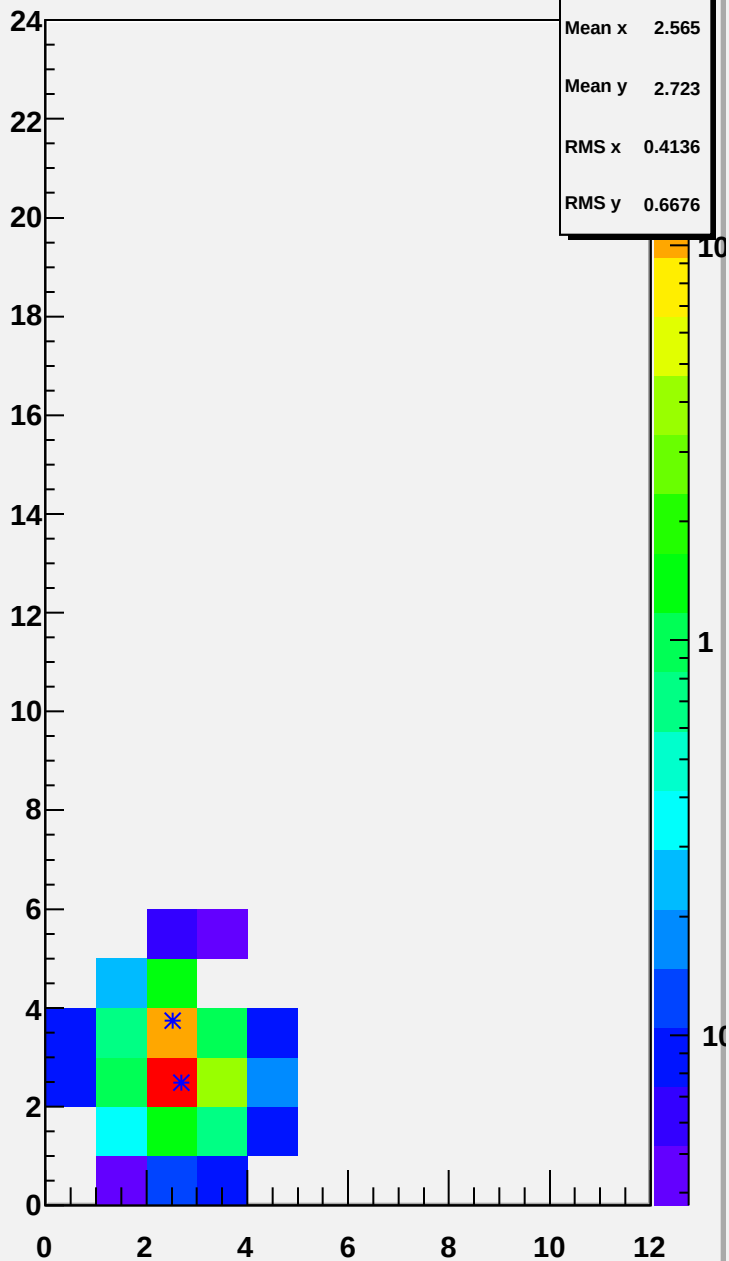
Efit

Entries	288
Mean x	2.538
Mean y	4.083
RMS x	0.3858
RMS y	0.6847

NSTB3_r4_c3_En=56.8_m0=0.163 m1=0.163 index=2544



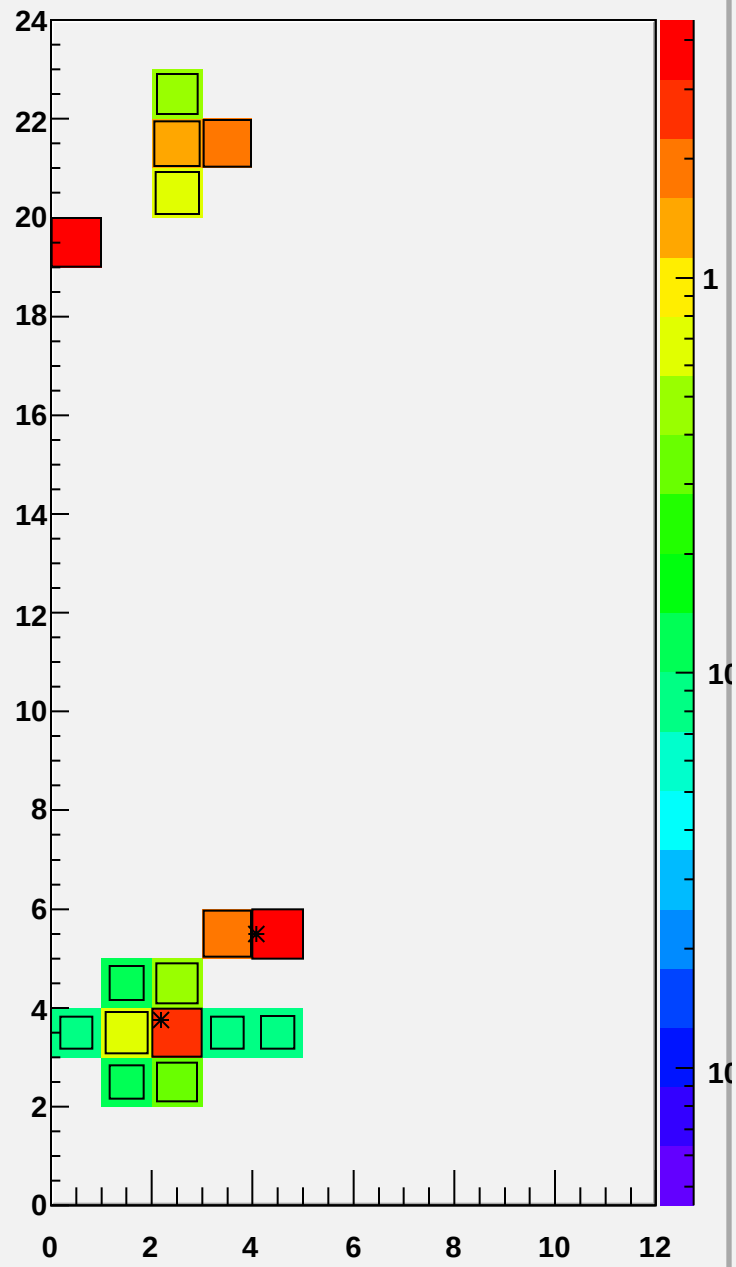
Fitted Energies



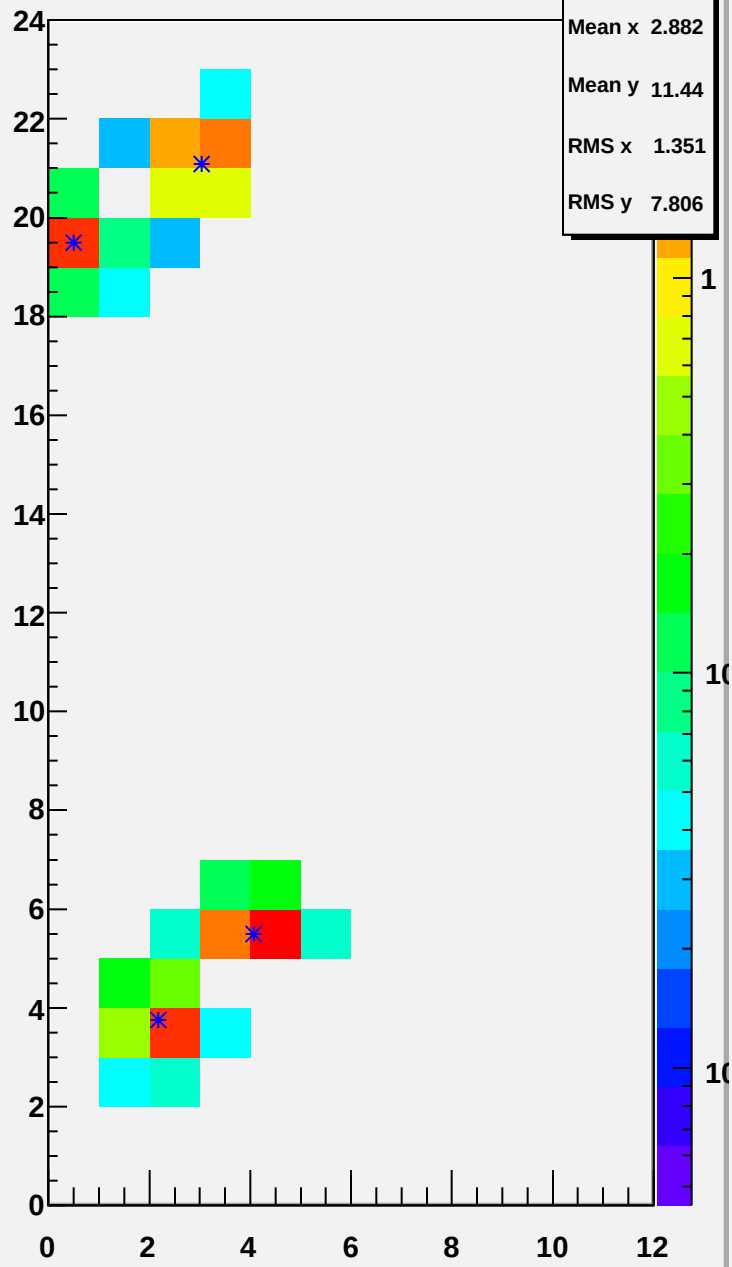
Efit

Entries	288
Mean x	2.565
Mean y	2.723
RMS x	0.4136
RMS y	0.6676

NSTB3_r4_c3_En=19.1_m0=0.079 m1=0.079 index=2545



Fitted Energies



Efit

Entries 288

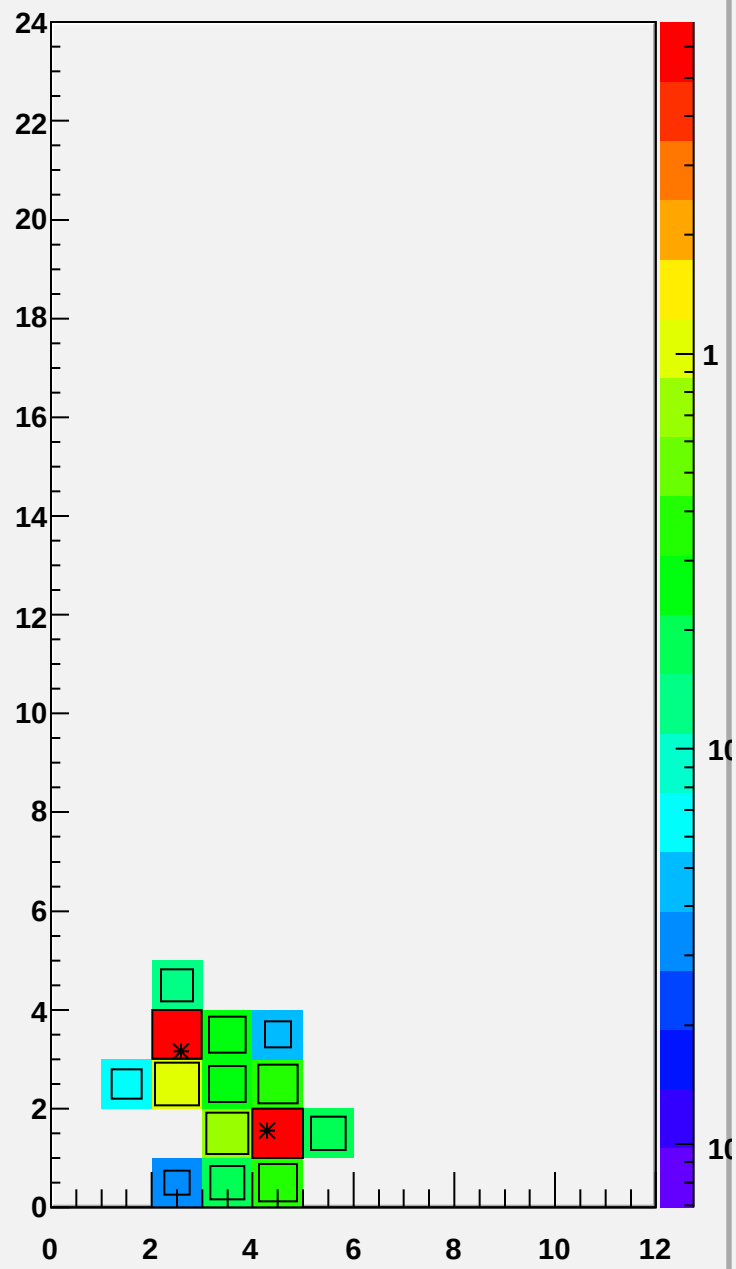
Mean x 2.882

Mean y 11.44

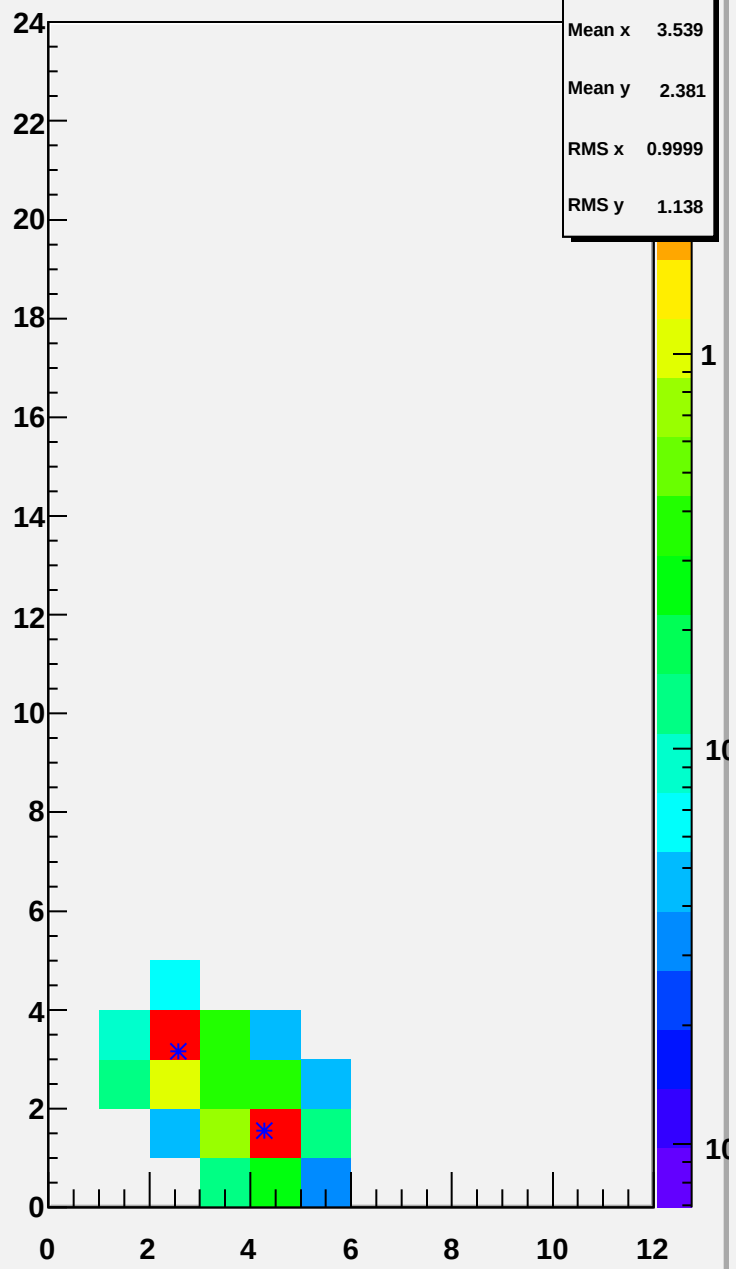
RMS x 1.351

RMS y 7.806

NSTB3_r4_c3_En=16.4_m0=0.107 m1=0.107 index=2546



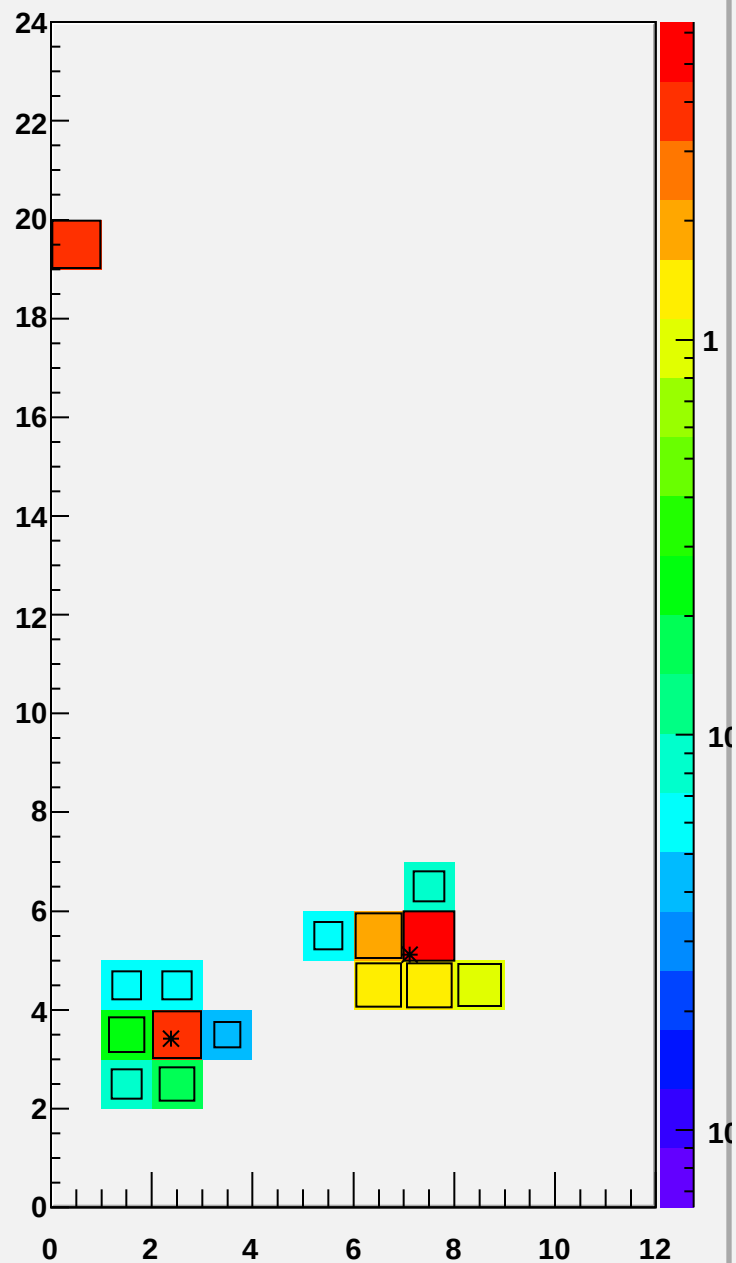
Fitted Energies



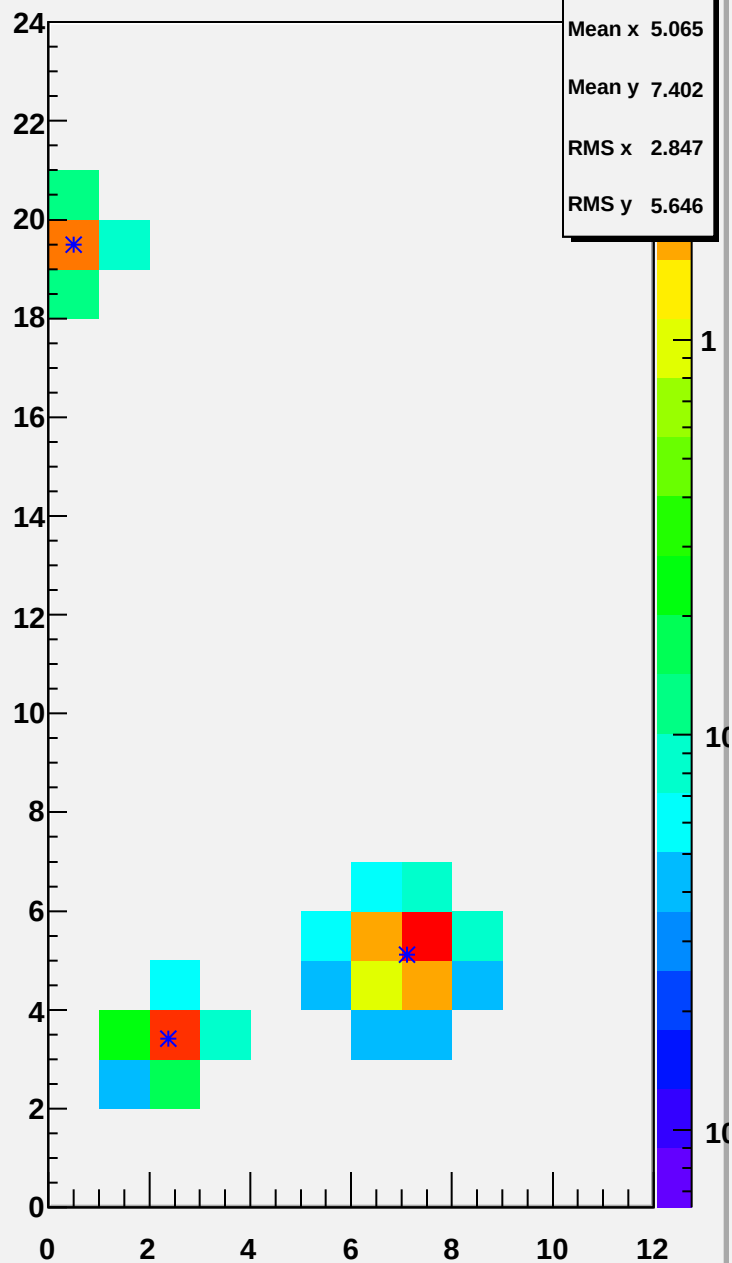
Efit

Entries	288
Mean x	3.539
Mean y	2.381
RMS x	0.9999
RMS y	1.138

NSTB3_r4_c3_En=19.1_m0=0.186 m1=0.186 index=2547



Fitted Energies



Efit

Entries 288

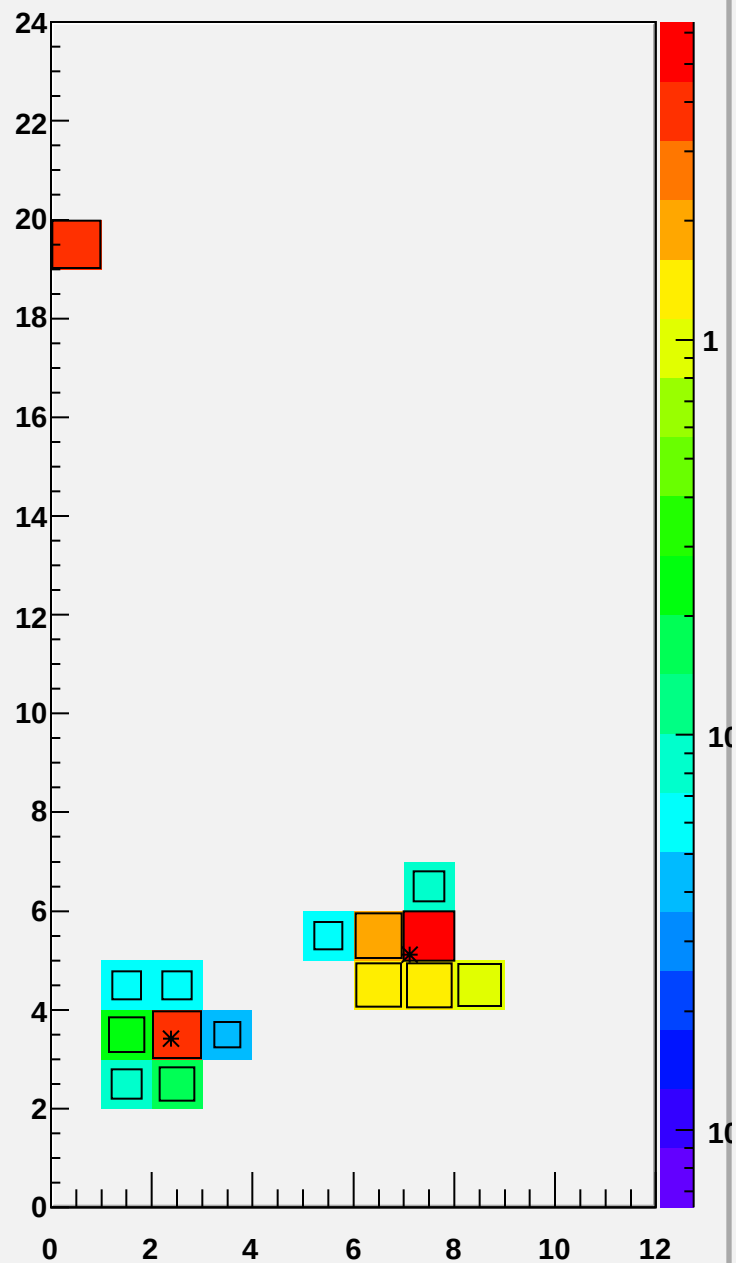
Mean x 5.065

Mean y 7.402

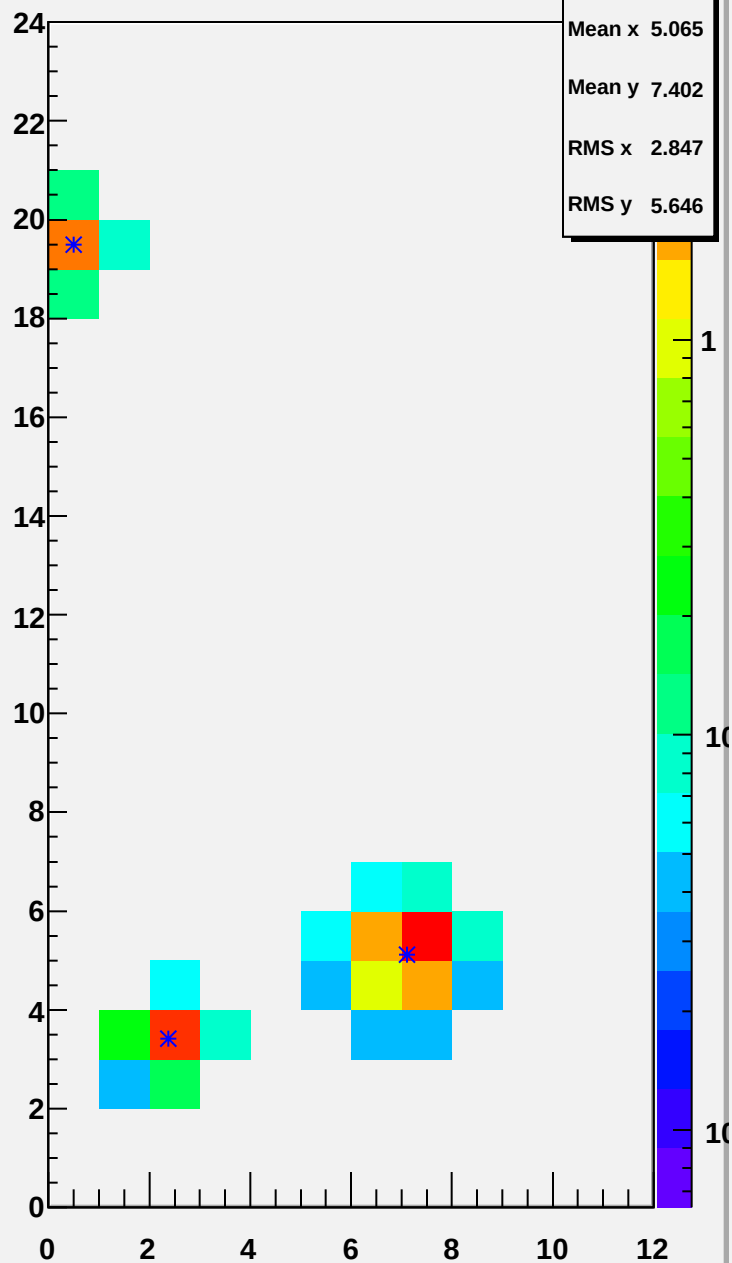
RMS x 2.847

RMS y 5.646

NSTB3_r4_c3_En=19.1_m0=0.186 m1=0.186 index=2547



Fitted Energies



Efit

Entries 288

Mean x 5.065

Mean y 7.402

RMS x 2.847

RMS y 5.646