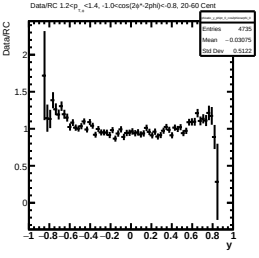
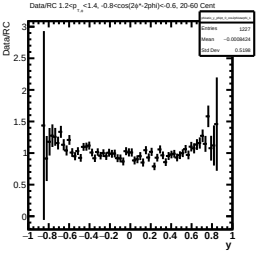
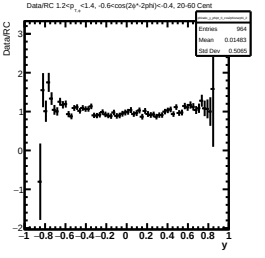
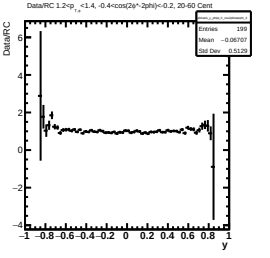
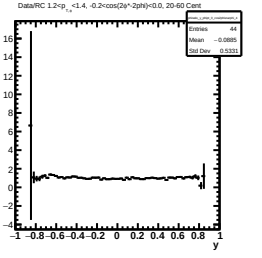
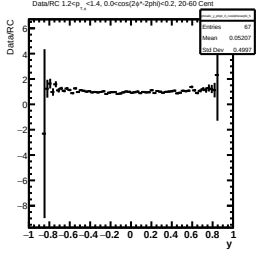

Data/RC 1.2<p_T,a<1.4, -1.0<cos(2φ^-2φh)<-0.8, 20-60 Cent
Entries 4735
Mean −0.03075
Std Dev 0.5122
Data/RC
y

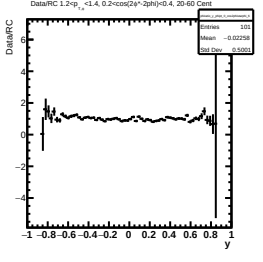

Data/RC 1.2<p_T,a<1.4, -0.8<cos(2φ^-2φh)<-0.6, 20-60 Cent
Entries 4227
Mean −0.00842
Std Dev 0.5168
Data/RC
y

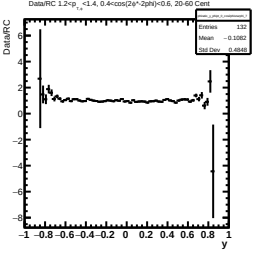

Data/RC 1.2<p_T,a<1.4, -0.6<cos(2φ^-2φh)<-0.4, 20-60 Cent
Entries 964
Mean 0.01483
Std Dev 0.5065
Data/RC
y

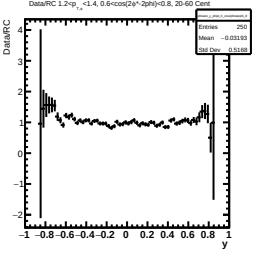

Data/RC 1.2<p_T,a<1.4, -0.4<cos(2φ^-2φh)<-0.2, 20-60 Cent
Entries 199
Mean −0.06707
Std Dev 0.5129
Data/RC
y

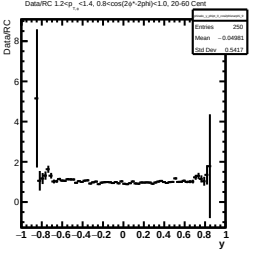

Data/RC 1.2<p_T,a<1.4, -0.2<cos(2φ^-2φh)<0.0, 20-60 Cent
Entries 44
Mean −0.0886
Std Dev 0.5331
Data/RC
y

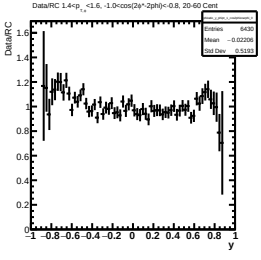

Data/RC 1.2<p_T,a<1.4, 0.0<cos(2φ^-2φh)<0.2, 20-60 Cent
Entries 67
Mean 0.05207
Std Dev 0.4997
Data/RC
y

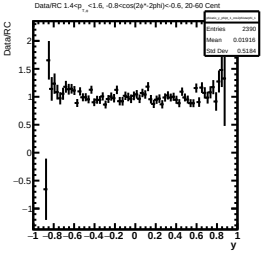

Data/RC 1.2<p_T,a<1.4, 0.2<cos(2φ^-2φh)<0.4, 20-60 Cent
Entries 101
Mean −0.02258
Std Dev 0.5001
Data/RC
y

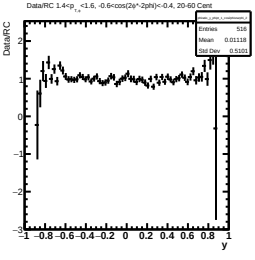

Data/RC 1.2<p_T,a<1.4, 0.4<cos(2φ^-2φh)<0.6, 20-60 Cent
Entries 132
Mean −0.1082
Std Dev 0.4848
Data/RC
y

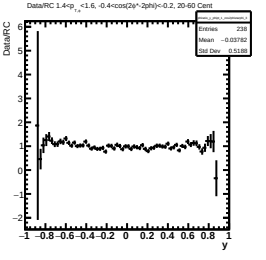

Data/RC 1.2<p_T,a<1.4, 0.6<cos(2φ^-2φh)<0.8, 20-60 Cent
Entries 250
Mean −0.03193
Std Dev 0.5168
Data/RC
y

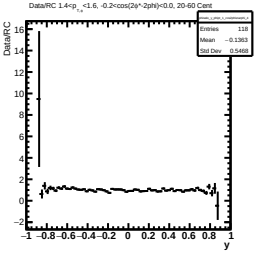

Data/RC 1.2<p_T,a<1.4, 0.8<cos(2φ^-2φh)<1.0, 20-60 Cent
Entries 250
Mean −0.04981
Std Dev 0.5417
Data/RC
y

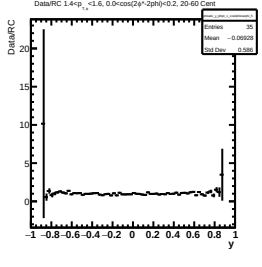

Data/RC 1.4<p_T,e<1.6, -1.0<cos(2ϕ^-2phi)<-0.8, 20-60 Cent
Entries 5430
Mean −0.02206
Std Dev 0.5193
Data/RC
y

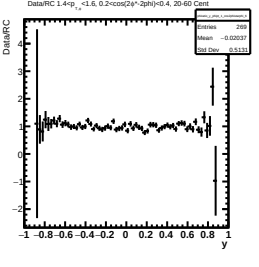

Data/RC 1.4<p_T,e<1.6, -0.8<cos(2ϕ^-2phi)<-0.6, 20-60 Cent
Entries 2390
Mean 0.01916
Std Dev 0.5184
Data/RC
y

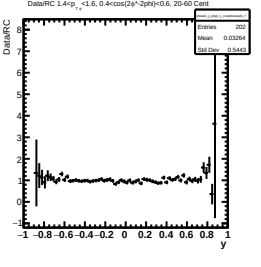

Data/RC 1.4<p_T,e<1.6, -0.6<cos(2ϕ^-2phi)<-0.4, 20-60 Cent
Entries 516
Mean 0.01118
Std Dev 0.5101
Data/RC
y

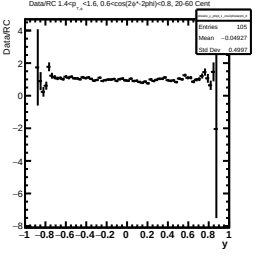

Data/RC 1.4<p_T,e<1.6, -0.4<cos(2ϕ^-2phi)<-0.2, 20-60 Cent
Entries 238
Mean −0.03782
Std Dev 0.5188
Data/RC
y

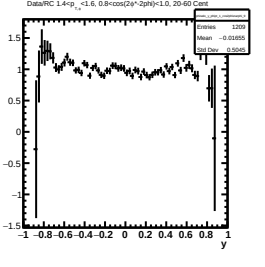

Data/RC 1.4<p_T,e<1.6, -0.2<cos(2ϕ^-2phi)<0.0, 20-60 Cent
Entries 118
Mean −0.1363
Std Dev 0.5466
Data/RC
y

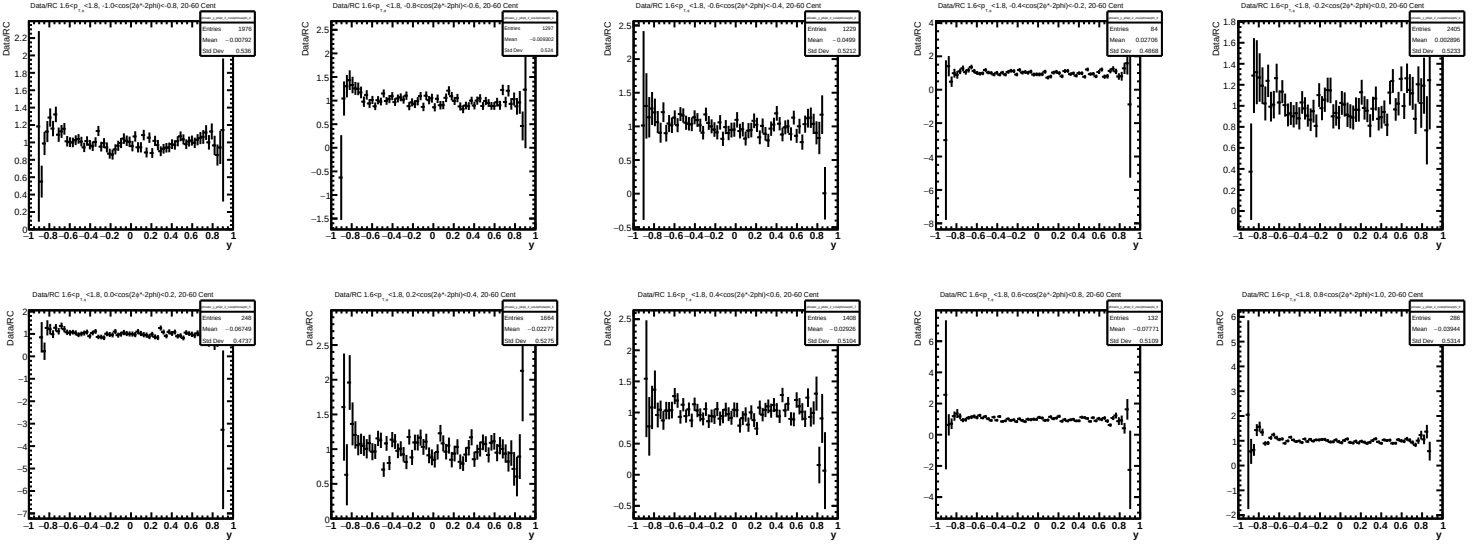

Data/RC 1.4<p_T,e<1.6, 0.0<cos(2ϕ^-2phi)<0.2, 20-60 Cent
Entries 35
Mean −0.06928
Std Dev 0.586
Data/RC
y

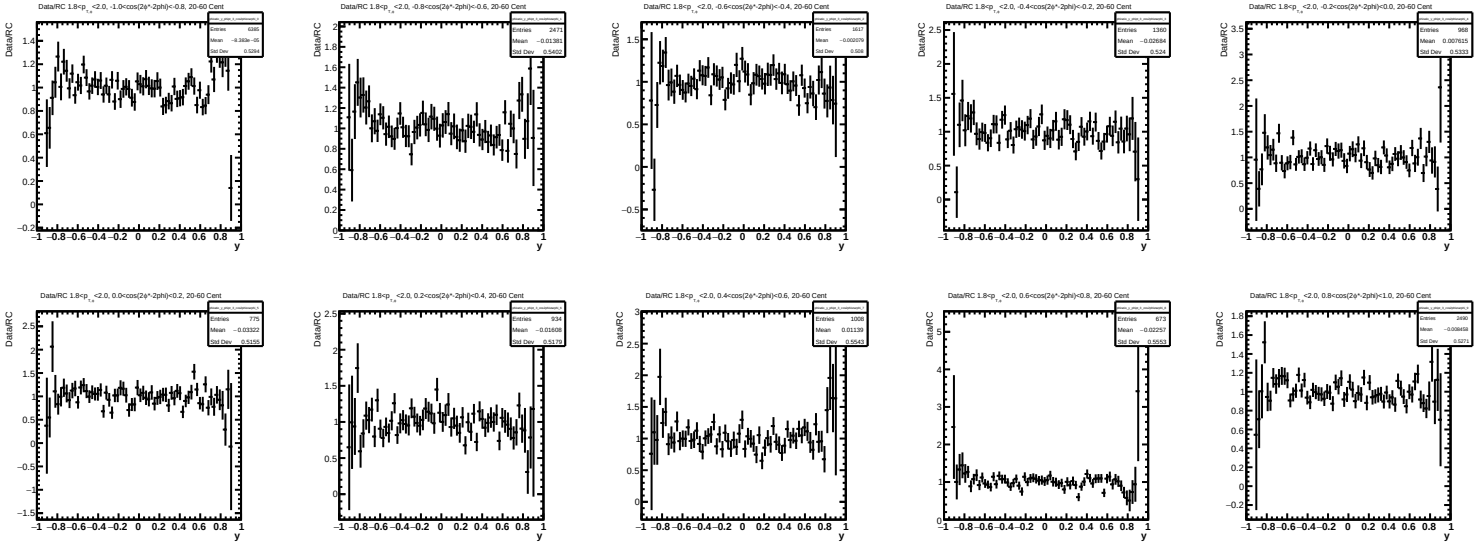

Data/RC 1.4<p_T,e<1.6, 0.2<cos(2ϕ^-2phi)<0.4, 20-60 Cent
Entries 269
Mean −0.02037
Std Dev 0.5131
Data/RC
y

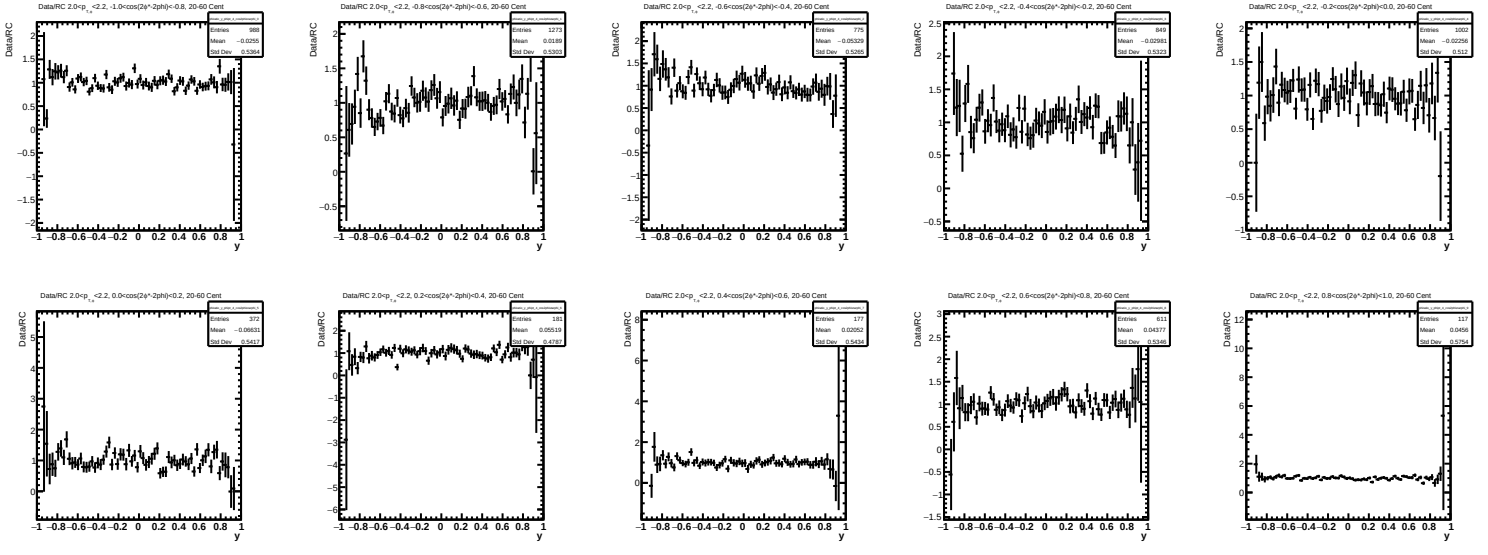

Data/RC 1.4<p_T,e<1.6, 0.4<cos(2ϕ^-2phi)<0.6, 20-60 Cent
Entries 202
Mean 0.03264
Std Dev 0.5443
Data/RC
y

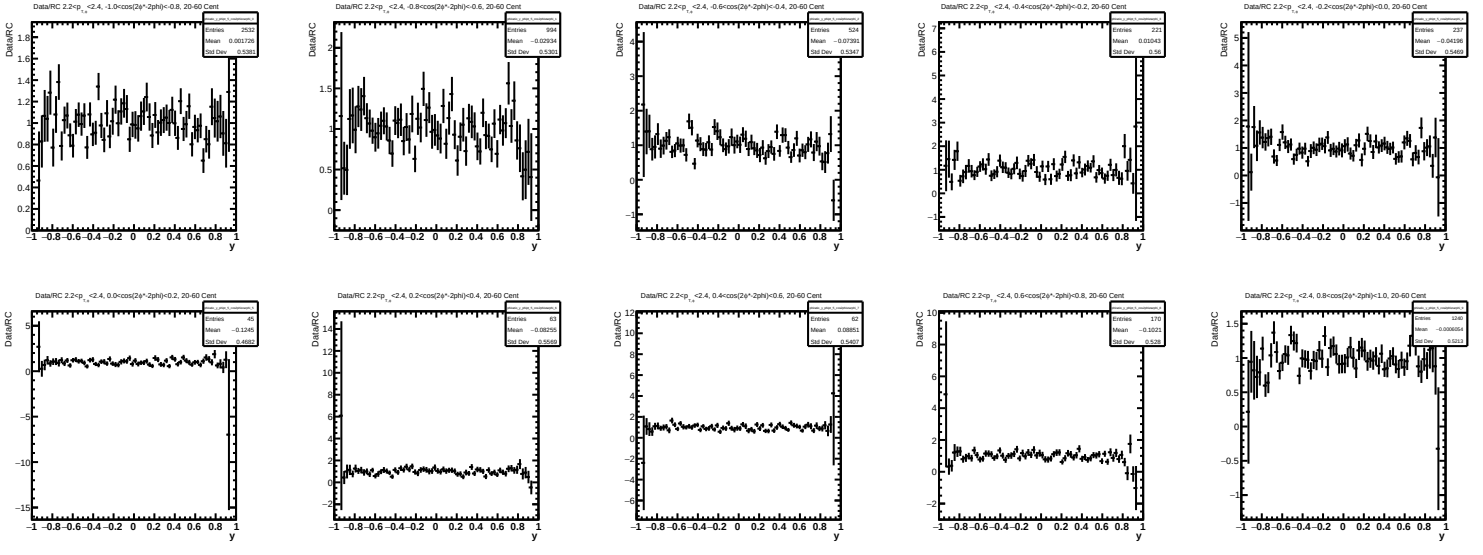

Data/RC 1.4<p_T,e<1.6, 0.6<cos(2ϕ^-2phi)<0.8, 20-60 Cent
Entries 105
Mean −0.04927
Std Dev 0.4997
Data/RC
y

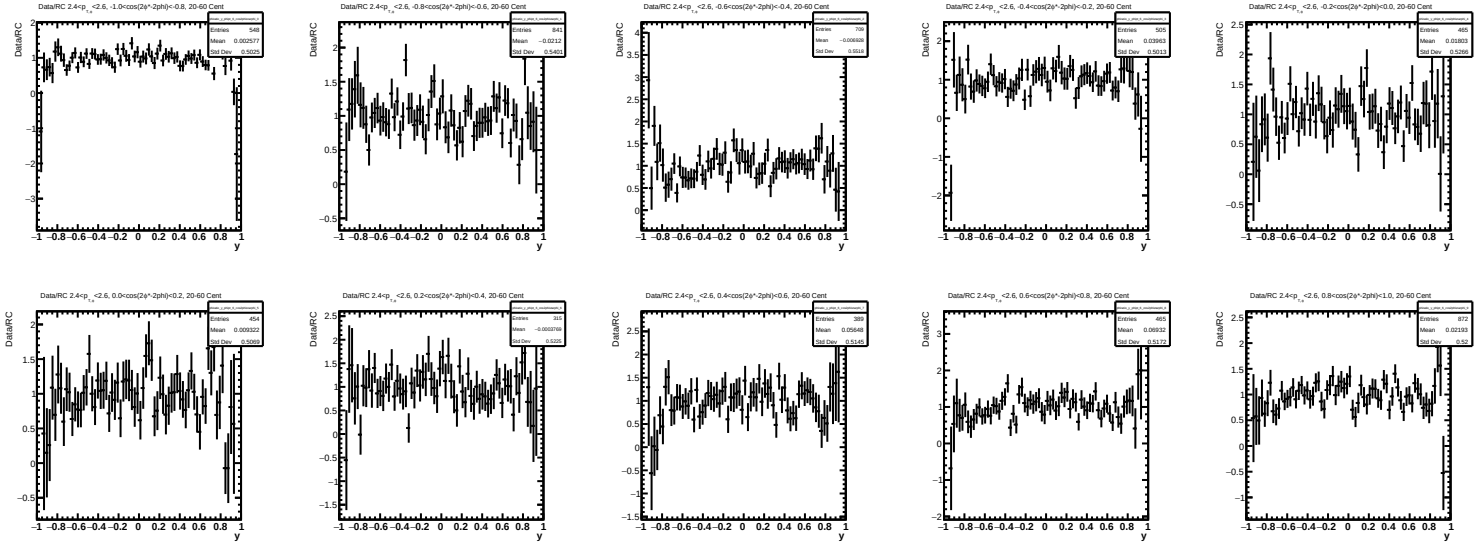

Data/RC 1.4<p_T,e<1.6, 0.8<cos(2ϕ^-2phi)<1.0, 20-60 Cent
Entries 1209
Mean −0.01655
Std Dev 0.5045
Data/RC
y

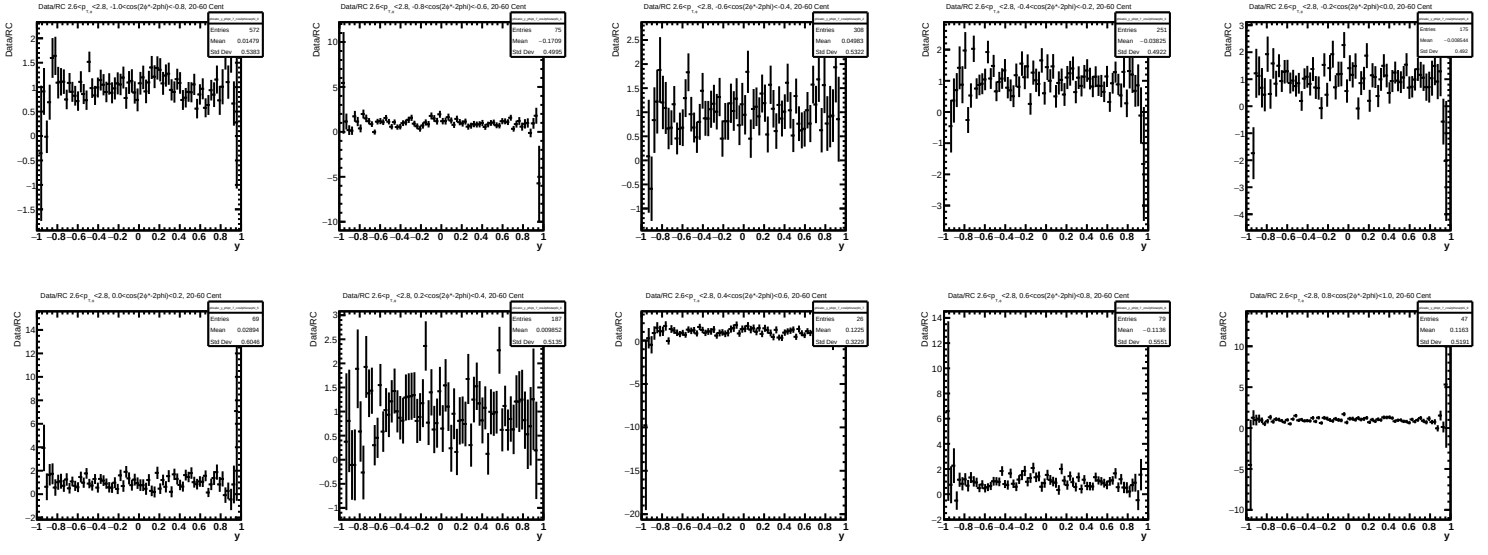

Data/RC 1.6<p_T,e<1.8, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 1976
Mean −0.00792
Std Dev 0.536
Data/RC 1.6<p_T,e<1.8, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 1267
Mean −0.00302
Std Dev 0.518
Data/RC 1.6<p_T,e<1.8, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 1229
Mean −0.0499
Std Dev 0.5212
Data/RC 1.6<p_T,e<1.8, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 84
Mean 0.02708
Std Dev 0.4898
Data/RC 1.6<p_T,e<1.8, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 2405
Mean 0.002896
Std Dev 0.5233
Data/RC 1.6<p_T,e<1.8, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 248
Mean −0.06749
Std Dev 0.4737
Data/RC 1.6<p_T,e<1.8, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 1694
Mean −0.02277
Std Dev 0.5275
Data/RC 1.6<p_T,e<1.8, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 1408
Mean −0.02926
Std Dev 0.5104
Data/RC 1.6<p_T,e<1.8, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 132
Mean −0.07771
Std Dev 0.5109
Data/RC 1.6<p_T,e<1.8, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 286
Mean −0.03944
Std Dev 0.5314
Data/RC
y

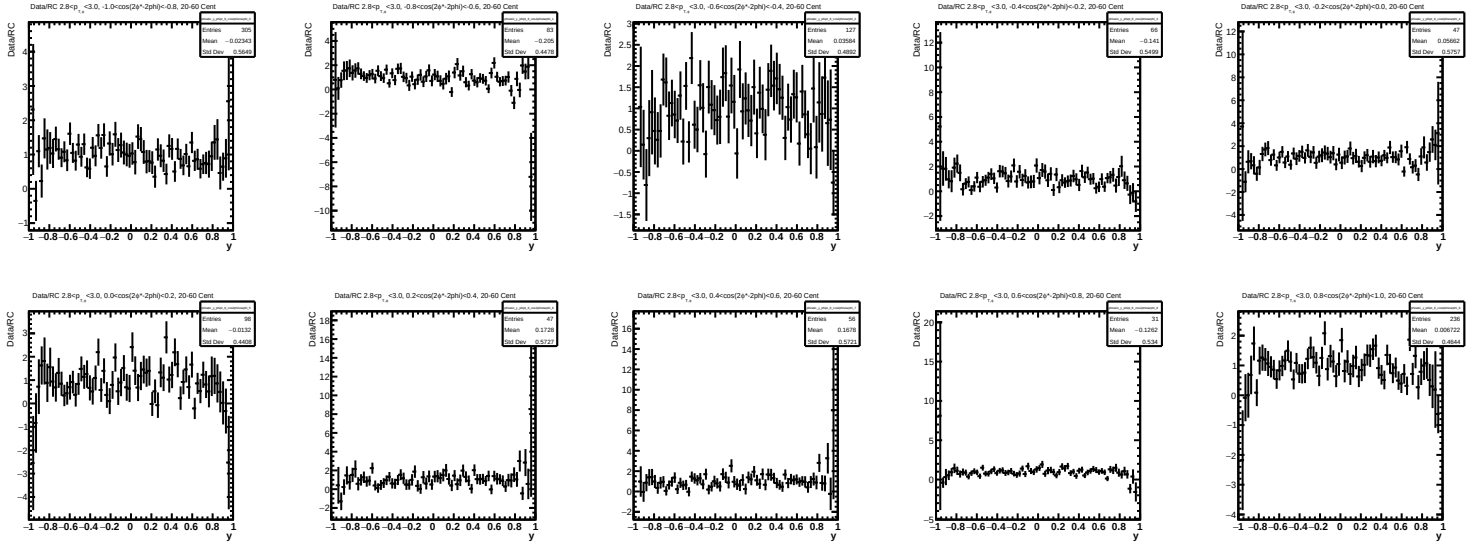

Data/RC 1.8<p_T,e<2.0, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 6386
Mean -8.363e-05
Std Dev 0.5284
Data/RC 1.8<p_T,e<2.0, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 2471
Mean -0.01383
Std Dev 0.5402
Data/RC 1.8<p_T,e<2.0, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 1617
Mean -0.00207
Std Dev 0.508
Data/RC 1.8<p_T,e<2.0, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 1392
Mean -0.02684
Std Dev 0.524
Data/RC 1.8<p_T,e<2.0, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 968
Mean 0.007615
Std Dev 0.5331
Data/RC 1.8<p_T,e<2.0, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 775
Mean -0.03322
Std Dev 0.5155
Data/RC 1.8<p_T,e<2.0, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 934
Mean -0.01608
Std Dev 0.5179
Data/RC 1.8<p_T,e<2.0, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 1008
Mean 0.01139
Std Dev 0.5543
Data/RC 1.8<p_T,e<2.0, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 673
Mean -0.02257
Std Dev 0.5563
Data/RC 1.8<p_T,e<2.0, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 2490
Mean -0.008458
Std Dev 0.5271
Data/RC
y

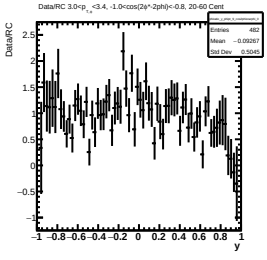

Data/RC 2.0<p_T,a <2.2, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 988
Mean −0.0255
Std Dev 0.5364
Data/RC 2.0<p_T,a <2.2, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 1273
Mean 0.0169
Std Dev 0.5301
Data/RC 2.0<p_T,a <2.2, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 775
Mean −0.05329
Std Dev 0.5265
Data/RC 2.0<p_T,a <2.2, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 849
Mean −0.02681
Std Dev 0.5323
Data/RC 2.0<p_T,a <2.2, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 1002
Mean −0.02256
Std Dev 0.512
Data/RC 2.0<p_T,a <2.2, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 372
Mean −0.06631
Std Dev 0.5417
Data/RC 2.0<p_T,a <2.2, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 181
Mean 0.05519
Std Dev 0.4787
Data/RC 2.0<p_T,a <2.2, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 177
Mean 0.02052
Std Dev 0.5434
Data/RC 2.0<p_T,a <2.2, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 611
Mean 0.04377
Std Dev 0.5346
Data/RC 2.0<p_T,a <2.2, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 117
Mean 0.0456
Std Dev 0.5754
Data/RC
y

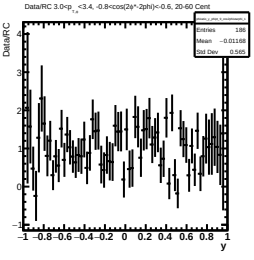

Data/RC 2.2<p_T,e<2.4, -1.0<cos(2φ^-2φh)<-0.8, 20-60 Cent
Entries 2532
Mean 0.007126
Std Dev 0.5381
Data/RC 2.2<p_T,e<2.4, -0.8<cos(2φ^-2φh)<-0.6, 20-60 Cent
Entries 994
Mean −0.02934
Std Dev 0.5301
Data/RC 2.2<p_T,e<2.4, -0.6<cos(2φ^-2φh)<-0.4, 20-60 Cent
Entries 524
Mean −0.07391
Std Dev 0.5347
Data/RC 2.2<p_T,e<2.4, -0.4<cos(2φ^-2φh)<-0.2, 20-60 Cent
Entries 221
Mean 0.01043
Std Dev 0.56
Data/RC 2.2<p_T,e<2.4, -0.2<cos(2φ^-2φh)<0.0, 20-60 Cent
Entries 237
Mean −0.04196
Std Dev 0.5469
Data/RC 2.2<p_T,e<2.4, 0.0<cos(2φ^-2φh)<0.2, 20-60 Cent
Entries 45
Mean −0.1245
Std Dev 0.4682
Data/RC 2.2<p_T,e<2.4, 0.2<cos(2φ^-2φh)<0.4, 20-60 Cent
Entries 63
Mean −0.08255
Std Dev 0.5569
Data/RC 2.2<p_T,e<2.4, 0.4<cos(2φ^-2φh)<0.6, 20-60 Cent
Entries 62
Mean 0.08851
Std Dev 0.5407
Data/RC 2.2<p_T,e<2.4, 0.6<cos(2φ^-2φh)<0.8, 20-60 Cent
Entries 170
Mean −0.1021
Std Dev 0.528
Data/RC 2.2<p_T,e<2.4, 0.8<cos(2φ^-2φh)<1.0, 20-60 Cent
Entries 1240
Mean −0.0006056
Std Dev 0.5212
Data/RC
y

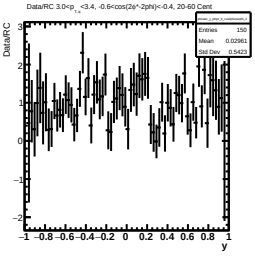

Data/RC 2.4<p_T,a <2.6, -1.0<cos(2a^-2phi)<-0.8, 20-60 Cent
Entries 548
Mean 0.002577
Std Dev 0.5025
Data/RC 2.4<p_T,a <2.6, -0.8<cos(2a^-2phi)<-0.6, 20-60 Cent
Entries 641
Mean −0.0212
Std Dev 0.5401
Data/RC 2.4<p_T,a <2.6, -0.6<cos(2a^-2phi)<-0.4, 20-60 Cent
Entries 739
Mean −0.006928
Std Dev 0.5518
Data/RC 2.4<p_T,a <2.6, -0.4<cos(2a^-2phi)<-0.2, 20-60 Cent
Entries 905
Mean 0.03963
Std Dev 0.5013
Data/RC 2.4<p_T,a <2.6, -0.2<cos(2a^-2phi)<0.0, 20-60 Cent
Entries 465
Mean 0.01803
Std Dev 0.5266
Data/RC 2.4<p_T,a <2.6, 0.0<cos(2a^-2phi)<0.2, 20-60 Cent
Entries 454
Mean 0.009322
Std Dev 0.5069
Data/RC 2.4<p_T,a <2.6, 0.2<cos(2a^-2phi)<0.4, 20-60 Cent
Entries 313
Mean −0.003708
Std Dev 0.5225
Data/RC 2.4<p_T,a <2.6, 0.4<cos(2a^-2phi)<0.6, 20-60 Cent
Entries 389
Mean 0.05648
Std Dev 0.5145
Data/RC 2.4<p_T,a <2.6, 0.6<cos(2a^-2phi)<0.8, 20-60 Cent
Entries 465
Mean 0.06932
Std Dev 0.5172
Data/RC 2.4<p_T,a <2.6, 0.8<cos(2a^-2phi)<1.0, 20-60 Cent
Entries 872
Mean 0.02193
Std Dev 0.52
Data/RC
y

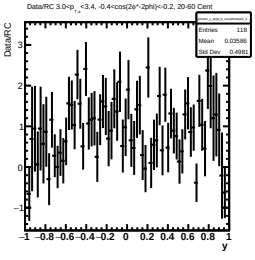

Data/RC 2.6<p_T,e<2.8, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 572
Mean 0.01479
Std Dev 0.5383
Data/RC 2.6<p_T,e<2.8, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 75
Mean −0.1709
Std Dev 0.4995
Data/RC 2.6<p_T,e<2.8, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 308
Mean 0.04983
Std Dev 0.5322
Data/RC 2.6<p_T,e<2.8, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 251
Mean −0.03825
Std Dev 0.4922
Data/RC 2.6<p_T,e<2.8, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 174
Mean −0.00648
Std Dev 0.492
Data/RC 2.6<p_T,e<2.8, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 69
Mean 0.02894
Std Dev 0.6046
Data/RC 2.6<p_T,e<2.8, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 197
Mean 0.009852
Std Dev 0.5135
Data/RC 2.6<p_T,e<2.8, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 26
Mean 0.1225
Std Dev 0.3229
Data/RC 2.6<p_T,e<2.8, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 73
Mean −0.1136
Std Dev 0.5551
Data/RC 2.6<p_T,e<2.8, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 47
Mean 0.1163
Std Dev 0.5191
Data/RC
y

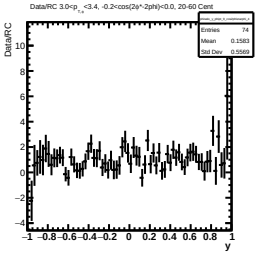

Data/RC 2.8<p_T,e<3.0, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 305
Mean −0.02343
Std Dev 0.5649
Data/RC 2.8<p_T,e<3.0, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 63
Mean −0.205
Std Dev 0.4478
Data/RC 2.8<p_T,e<3.0, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 127
Mean 0.03584
Std Dev 0.4892
Data/RC 2.8<p_T,e<3.0, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 66
Mean −0.141
Std Dev 0.5499
Data/RC 2.8<p_T,e<3.0, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 447
Mean 0.05662
Std Dev 0.5757
Data/RC 2.8<p_T,e<3.0, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 98
Mean −0.0132
Std Dev 0.4408
Data/RC 2.8<p_T,e<3.0, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 47
Mean 0.1728
Std Dev 0.5727
Data/RC 2.8<p_T,e<3.0, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 58
Mean 0.1678
Std Dev 0.5721
Data/RC 2.8<p_T,e<3.0, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 31
Mean −0.1262
Std Dev 0.534
Data/RC 2.8<p_T,e<3.0, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 236
Mean 0.006722
Std Dev 0.4644
Data/RC
y

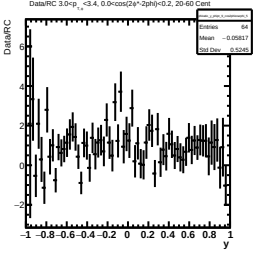

Data/RC 3.0<p_T,e<3.4, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 462
Mean −0.09267
Std Dev 0.5045
Data/RC
y

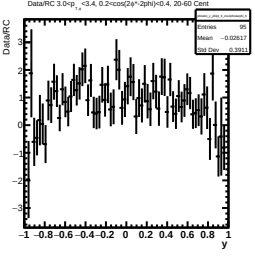

Data/RC 3.0<p_T,e<3.4, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 186
Mean −0.01168
Std Dev 0.565
Data/RC
y

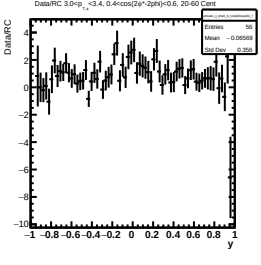

Data/RC 3.0<p_T,e<3.4, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 150
Mean 0.02861
Std Dev 0.5423
Data/RC
y

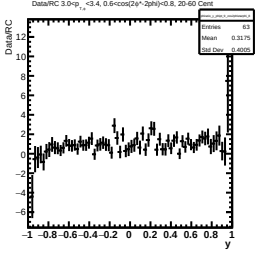

Data/RC 3.0<p_T,e<3.4, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 118
Mean 0.03586
Std Dev 0.4981
Data/RC
y

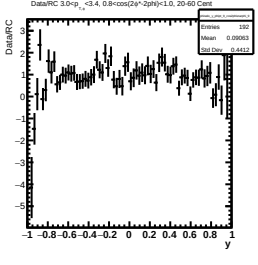

Data/RC 3.0<p_T,e<3.4, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 74
Mean 0.1583
Std Dev 0.5569
Data/RC
y

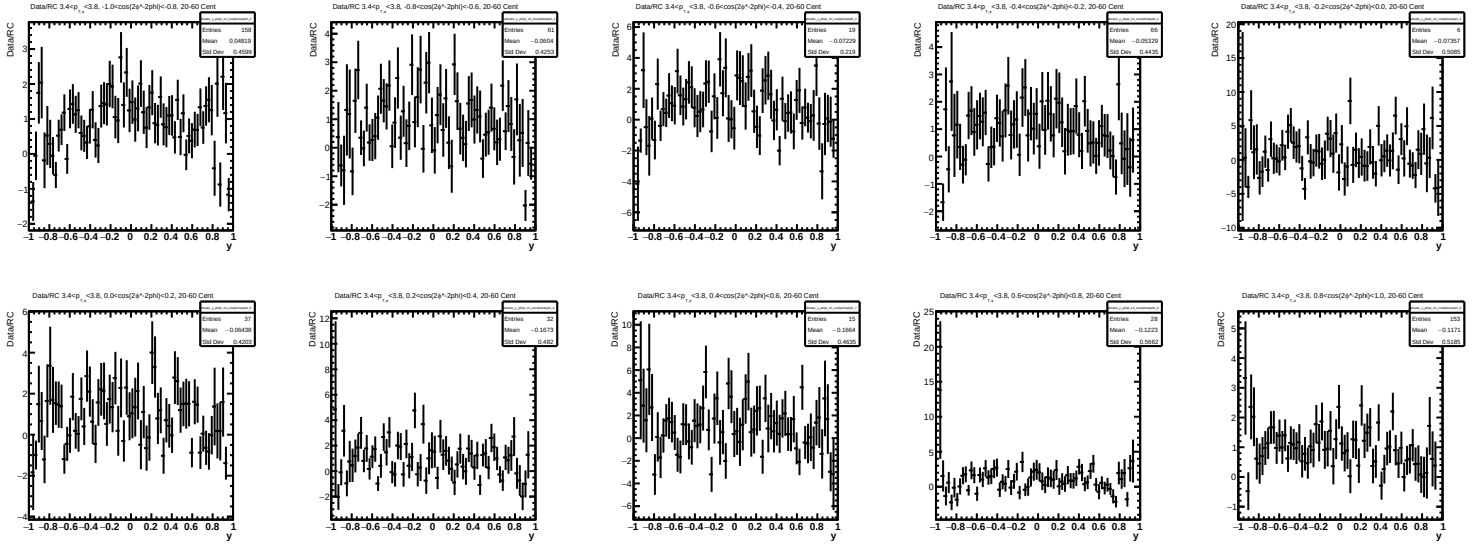

Data/RC 3.0<p_T,e<3.4, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 64
Mean −0.05817
Std Dev 0.5245
Data/RC
y

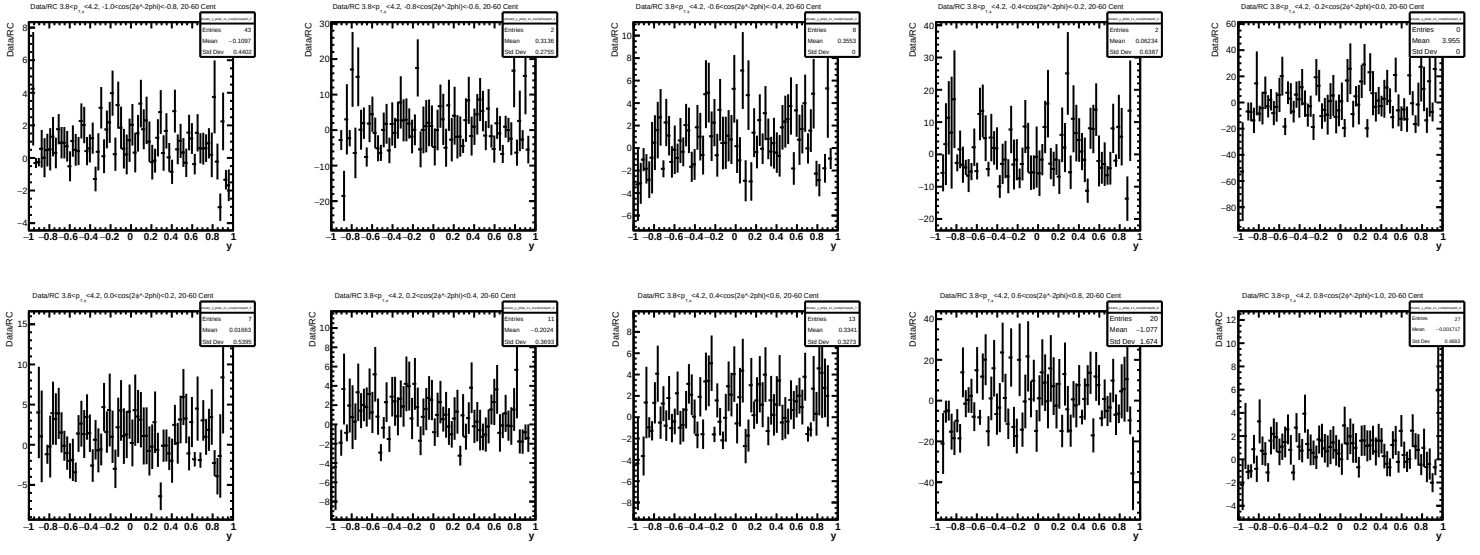

Data/RC 3.0<p_T,e<3.4, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 95
Mean −0.02617
Std Dev 0.3911
Data/RC
y


Data/RC 3.0<p_T,e<3.4, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 58
Mean −0.06569
Std Dev 0.356
Data/RC
y


Data/RC 3.0<p_T,e<3.4, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 63
Mean 0.3175
Std Dev 0.4005
Data/RC
y


Data/RC 3.0<p_T,e<3.4, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 192
Mean 0.09063
Std Dev 0.4412
Data/RC
y


Data/RC 3.4<p_T,e<3.8, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 158
Mean 0.04819
Std Dev 0.4599
Data/RC 3.4<p_T,e<3.8, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 61
Mean −0.0604
Std Dev 0.4253
Data/RC 3.4<p_T,e<3.8, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 19
Mean −0.07229
Std Dev 0.219
Data/RC 3.4<p_T,e<3.8, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 65
Mean −0.05339
Std Dev 0.4435
Data/RC 3.4<p_T,e<3.8, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 8
Mean −0.07357
Std Dev 0.5085
Data/RC 3.4<p_T,e<3.8, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 37
Mean −0.06438
Std Dev 0.4203
Data/RC 3.4<p_T,e<3.8, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 32
Mean −0.1673
Std Dev 0.482
Data/RC 3.4<p_T,e<3.8, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 15
Mean −0.1664
Std Dev 0.4635
Data/RC 3.4<p_T,e<3.8, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 28
Mean −0.1223
Std Dev 0.5662
Data/RC 3.4<p_T,e<3.8, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 153
Mean −0.1171
Std Dev 0.5185
Data/RC
y


Data/RC 3.8<p_T,a<4.2, -1.0<cos(2φ^-2φh)<-0.8, 20-60 Cent
Entries 43
Mean −0.1097
Std Dev 0.4402
Data/RC 3.8<p_T,a<4.2, -0.8<cos(2φ^-2φh)<-0.6, 20-60 Cent
Entries 2
Mean 0.3136
Std Dev 0.2755
Data/RC 3.8<p_T,a<4.2, -0.6<cos(2φ^-2φh)<-0.4, 20-60 Cent
Entries 0
Mean 0.3553
Std Dev 0
Data/RC 3.8<p_T,a<4.2, -0.4<cos(2φ^-2φh)<-0.2, 20-60 Cent
Entries 2
Mean 0.06234
Std Dev 0.6187
Data/RC 3.8<p_T,a<4.2, -0.2<cos(2φ^-2φh)<0.0, 20-60 Cent
Entries 0
Mean 3.955
Std Dev 0
Data/RC 3.8<p_T,a<4.2, 0.0<cos(2φ^-2φh)<0.2, 20-60 Cent
Entries 7
Mean 0.01663
Std Dev 0.5395
Data/RC 3.8<p_T,a<4.2, 0.2<cos(2φ^-2φh)<0.4, 20-60 Cent
Entries 11
Mean −0.2024
Std Dev 0.3695
Data/RC 3.8<p_T,a<4.2, 0.4<cos(2φ^-2φh)<0.6, 20-60 Cent
Entries 13
Mean 0.3341
Std Dev 0.3273
Data/RC 3.8<p_T,a<4.2, 0.6<cos(2φ^-2φh)<0.8, 20-60 Cent
Entries 20
Mean −1.077
Std Dev 1.674
Data/RC 3.8<p_T,a<4.2, 0.8<cos(2φ^-2φh)<1.0, 20-60 Cent
Entries 27
Mean −0.001717
Std Dev 0.4661
Data/RC
y