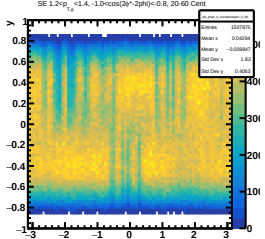
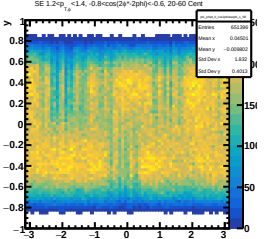
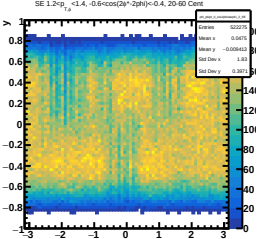
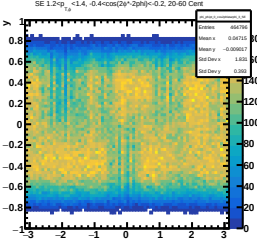
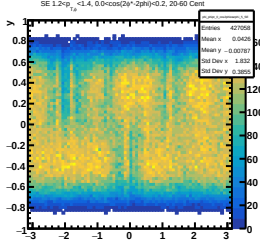

SE 1.2<p_T,a <1.4, -1.0<cos(2a^-2phi)<-0.8, 20-60 Cent
y
ϕ

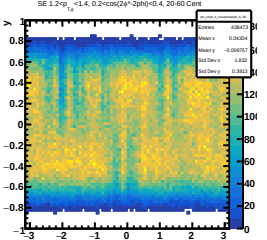

SE 1.2<p_T,a <1.4, -0.8<cos(2a^-2phi)<-0.6, 20-60 Cent
y
ϕ

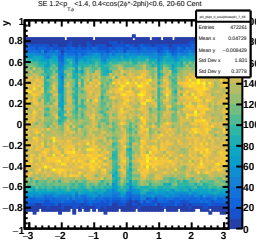

SE 1.2<p_T,a <1.4, -0.6<cos(2a^-2phi)<-0.4, 20-60 Cent
y
ϕ

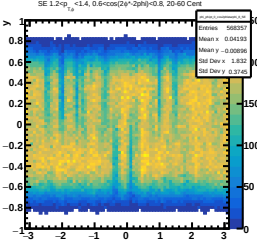

SE 1.2<p_T,a <1.4, -0.4<cos(2a^-2phi)<-0.2, 20-60 Cent
y
ϕ

SE 1.2<p_T,a <1.4, -0.2<cos(2a^-2phi)<0.0, 20-60 Cent
y
ϕ

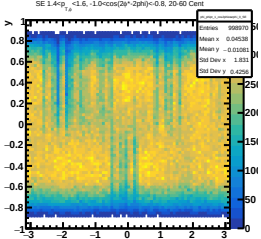

SE 1.2<p_T,a <1.4, 0.0<cos(2a^-2phi)<0.2, 20-60 Cent
y
ϕ

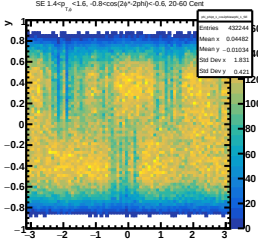

SE 1.2<p_T,a <1.4, 0.2<cos(2a^-2phi)<0.4, 20-60 Cent
y
ϕ

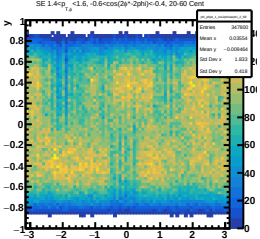

SE 1.2<p_T,a <1.4, 0.4<cos(2a^-2phi)<0.6, 20-60 Cent
y
ϕ

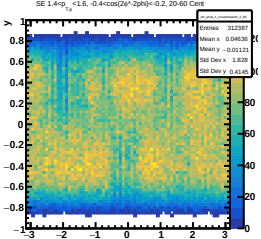

SE 1.2<p_T,a <1.4, 0.6<cos(2a^-2phi)<0.8, 20-60 Cent
y
ϕ

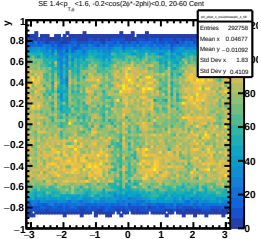
SE 1.2<p_T,a <1.4, 0.8<cos(2a^-2phi)<1.0, 20-60 Cent
y
ϕ

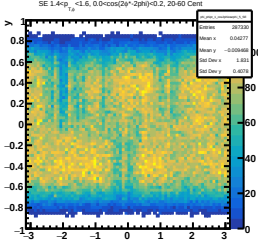

SE 1.4<p_T,a <1.6, -1.0<cos(2a^-2phi)<-0.8, 20-60 Cent
Entries 998970
Mean x 0.04538
Mean y −0.01081
Std Dev x 1.831
Std Dev y 0.4256
y
ϕ

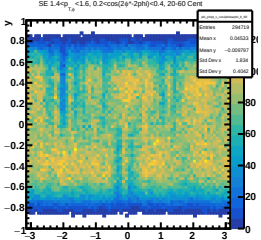

SE 1.4<p_T,a <1.6, -0.8<cos(2a^-2phi)<-0.6, 20-60 Cent
Entries 432244
Mean x 0.04402
Mean y −0.01034
Std Dev x 1.831
Std Dev y 0.4271
y
ϕ

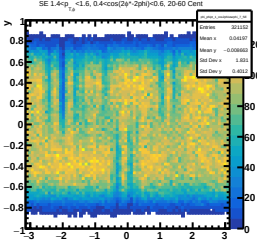

SE 1.4<p_T,a <1.6, -0.6<cos(2a^-2phi)<-0.4, 20-60 Cent
Entries 347630
Mean x 0.03554
Mean y −0.00946
Std Dev x 1.833
Std Dev y 0.418
y
ϕ

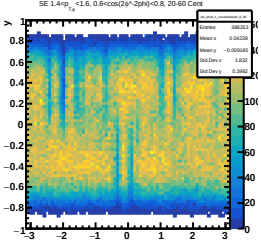

SE 1.4<p_T,a <1.6, -0.4<cos(2a^-2phi)<-0.2, 20-60 Cent
Entries 312267
Mean x 0.04636
Mean y −0.01121
Std Dev x 1.828
Std Dev y 0.4145
y
ϕ

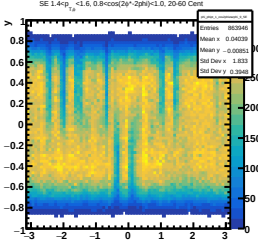

SE 1.4<p_T,a <1.6, -0.2<cos(2a^-2phi)<0.0, 20-60 Cent
Entries 292758
Mean x 0.04677
Mean y −0.01092
Std Dev x 1.83
Std Dev y 0.4109
y
ϕ

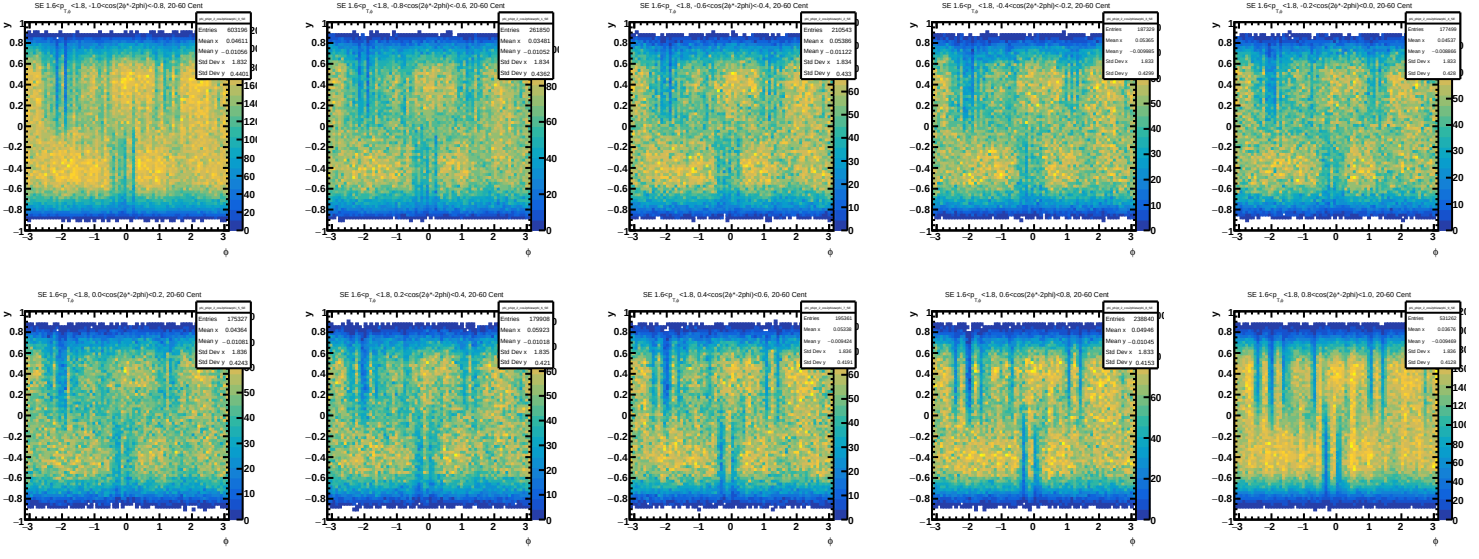

SE 1.4<p_T,a <1.6, 0.0<cos(2a^-2phi)<0.2, 20-60 Cent
Entries 287330
Mean x 0.04277
Mean y −0.00946
Std Dev x 1.831
Std Dev y 0.4078
y
ϕ

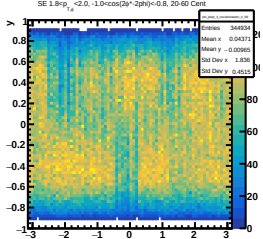

SE 1.4<p_T,a <1.6, 0.2<cos(2a^-2phi)<0.4, 20-60 Cent
Entries 294703
Mean x 0.04503
Mean y −0.00970
Std Dev x 1.836
Std Dev y 0.4042
y
ϕ

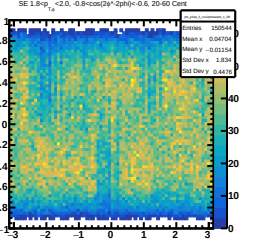

SE 1.4<p_T,a <1.6, 0.4<cos(2a^-2phi)<0.6, 20-60 Cent
Entries 321152
Mean x 0.04197
Mean y −0.00993
Std Dev x 1.833
Std Dev y 0.4012
y
ϕ

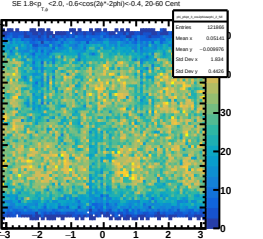

SE 1.4<p_T,a <1.6, 0.6<cos(2a^-2phi)<0.8, 20-60 Cent
Entries 398353
Mean x 0.04208
Mean y −0.00916
Std Dev x 1.832
Std Dev y 0.3992
y
ϕ

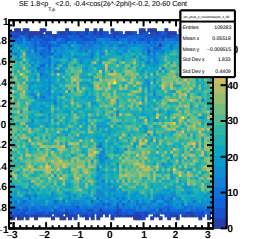

SE 1.4<p_T,a <1.6, 0.8<cos(2a^-2phi)<1.0, 20-60 Cent
Entries 863946
Mean x 0.04039
Mean y −0.00851
Std Dev x 1.833
Std Dev y 0.3948
y
ϕ

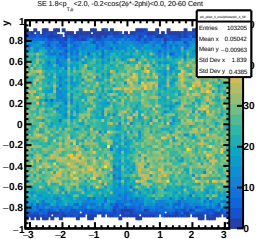

SE 1.6<p_T,a <1.8, -1.0<cos(2ϕ^-2phi)<-0.8, 20-60 Cent
Entries 603196
Mean x 0.04611
Mean y −0.01056
Std Dev x 1.832
Std Dev y 0.4401
SE 1.6<p_T,a <1.8, -0.8<cos(2ϕ^-2phi)<-0.6, 20-60 Cent
Entries 261850
Mean x 0.03481
Mean y −0.01052
Std Dev x 1.834
Std Dev y 0.4362
SE 1.6<p_T,a <1.8, -0.6<cos(2ϕ^-2phi)<-0.4, 20-60 Cent
Entries 210543
Mean x 0.05386
Mean y −0.01122
Std Dev x 1.834
Std Dev y 0.431
SE 1.6<p_T,a <1.8, -0.4<cos(2ϕ^-2phi)<-0.2, 20-60 Cent
Entries 187329
Mean x 0.05365
Mean y −0.009865
Std Dev x 1.833
Std Dev y 0.4299
SE 1.6<p_T,a <1.8, -0.2<cos(2ϕ^-2phi)<0.0, 20-60 Cent
Entries 177496
Mean x 0.04537
Mean y −0.008866
Std Dev x 1.833
Std Dev y 0.4298
SE 1.6<p_T,a <1.8, 0.0<cos(2ϕ^-2phi)<0.2, 20-60 Cent
Entries 175327
Mean x 0.04364
Mean y −0.01081
Std Dev x 1.836
Std Dev y 0.4243
SE 1.6<p_T,a <1.8, 0.2<cos(2ϕ^-2phi)<0.4, 20-60 Cent
Entries 179908
Mean x 0.05923
Mean y −0.01018
Std Dev x 1.835
Std Dev y 0.421
SE 1.6<p_T,a <1.8, 0.4<cos(2ϕ^-2phi)<0.6, 20-60 Cent
Entries 195361
Mean x 0.05238
Mean y −0.009424
Std Dev x 1.836
Std Dev y 0.4191
SE 1.6<p_T,a <1.8, 0.6<cos(2ϕ^-2phi)<0.8, 20-60 Cent
Entries 238840
Mean x 0.04946
Mean y −0.01045
Std Dev x 1.833
Std Dev y 0.4153
SE 1.6<p_T,a <1.8, 0.8<cos(2ϕ^-2phi)<1.0, 20-60 Cent
Entries 531262
Mean x 0.03676
Mean y −0.009469
Std Dev x 1.836
Std Dev y 0.4128
y
ϕ

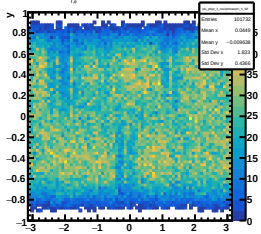

SE 1.8<p_T,a <2.0, -1.0<cos(2ϕ^-2ϕh)<-0.8, 20-60 Cent
Entries 344934
Mean x 0.04371
Mean y −0.00965
Std Dev x 1.836
Std Dev y 0.4515
y
ϕ

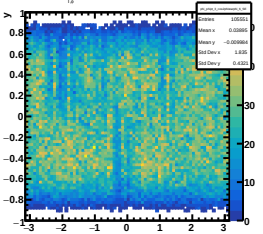

SE 1.8<p_T,a <2.0, -0.8<cos(2ϕ^-2ϕh)<-0.6, 20-60 Cent
Entries 1505144
Mean x 0.04704
Mean y −0.01154
Std Dev x 1.834
Std Dev y 0.4476
y
ϕ

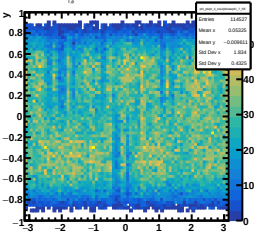

SE 1.8<p_T,a <2.0, -0.6<cos(2ϕ^-2ϕh)<-0.4, 20-60 Cent
Entries 1216845
Mean x 0.05145
Mean y −0.00976
Std Dev x 1.834
Std Dev y 0.4426
y
ϕ

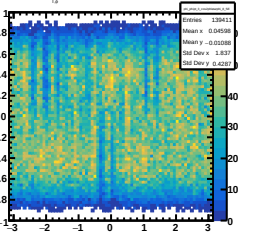

SE 1.8<p_T,a <2.0, -0.4<cos(2ϕ^-2ϕh)<-0.2, 20-60 Cent
Entries 1062063
Mean x 0.05518
Mean y −0.00915
Std Dev x 1.833
Std Dev y 0.4408
y
ϕ

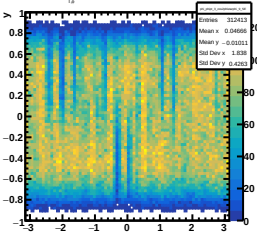

SE 1.8<p_T,a <2.0, -0.2<cos(2ϕ^-2ϕh)<0.0, 20-60 Cent
Entries 1053205
Mean x 0.05042
Mean y −0.00963
Std Dev x 1.839
Std Dev y 0.4385
y
ϕ

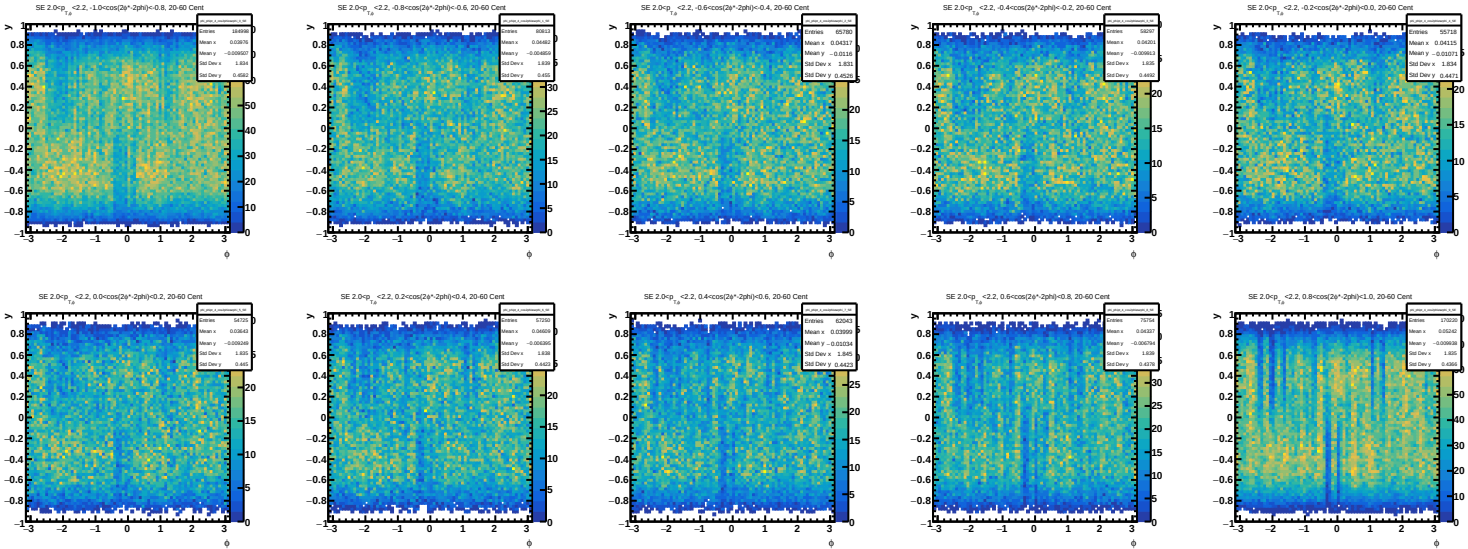

SE 1.8<p_T,a <2.0, 0.0<cos(2ϕ^-2ϕh)<0.2, 20-60 Cent
Entries 101732
Mean x 0.0449
Mean y −0.009928
Std Dev x 1.803
Std Dev y 0.4364
y
ϕ

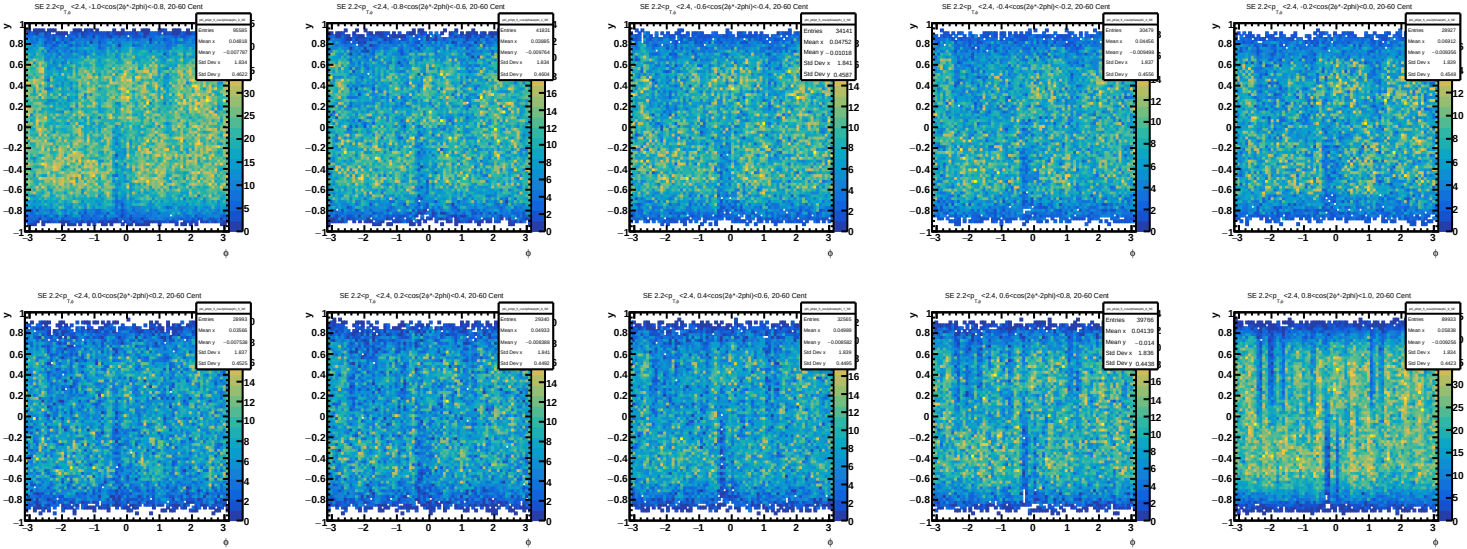

SE 1.8<p_T,a <2.0, 0.2<cos(2ϕ^-2ϕh)<0.4, 20-60 Cent
Entries 105551
Mean x 0.03895
Mean y −0.009864
Std Dev x 1.806
Std Dev y 0.4323
y
ϕ

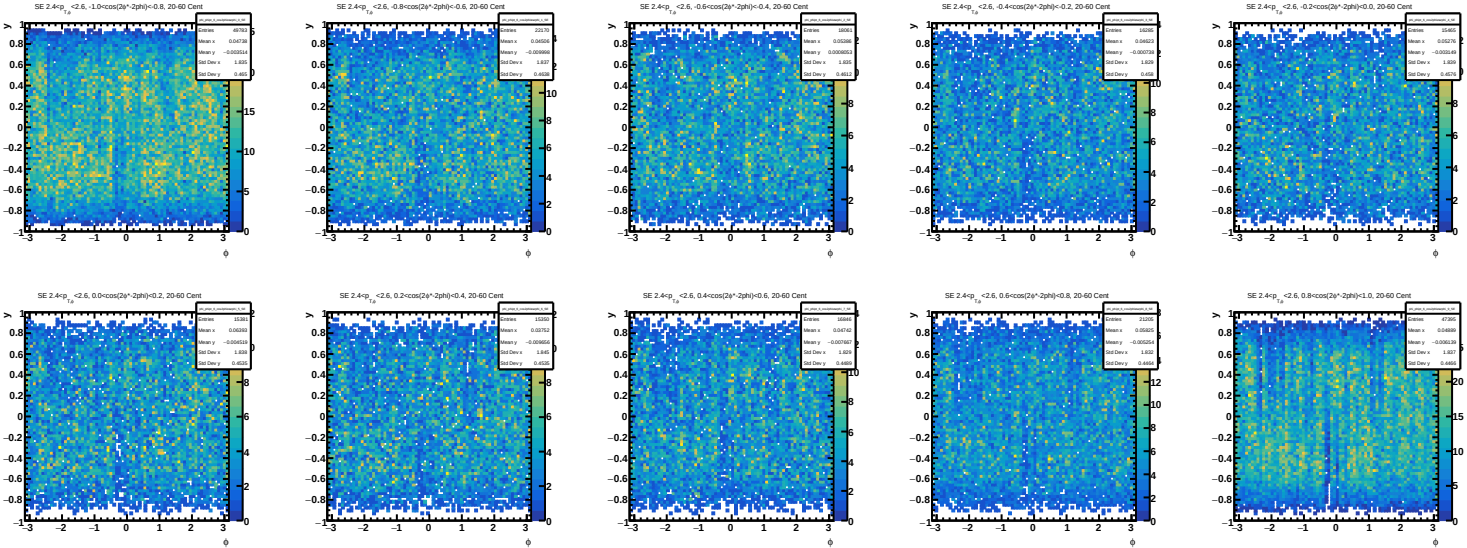

SE 1.8<p_T,a <2.0, 0.4<cos(2ϕ^-2ϕh)<0.6, 20-60 Cent
Entries 114527
Mean x 0.05325
Mean y −0.009611
Std Dev x 1.834
Std Dev y 0.4325
y
ϕ

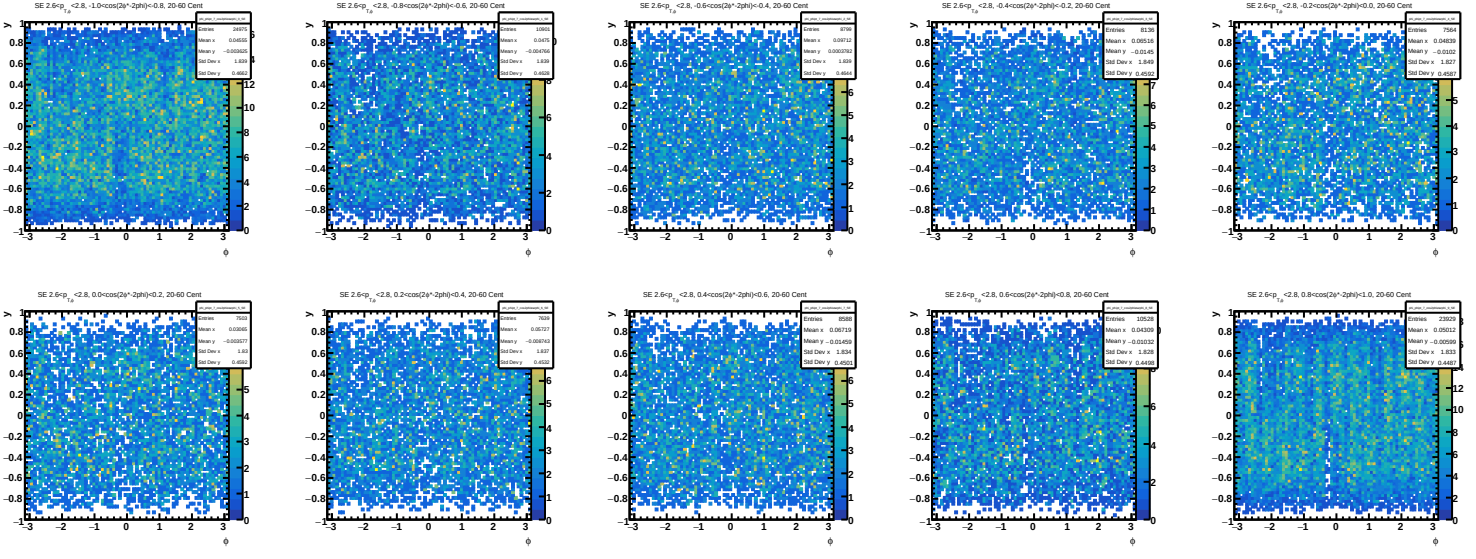

SE 1.8<p_T,a <2.0, 0.6<cos(2ϕ^-2ϕh)<0.8, 20-60 Cent
Entries 139411
Mean x 0.04598
Mean y −0.01088
Std Dev x 1.837
Std Dev y 0.4287
y
ϕ

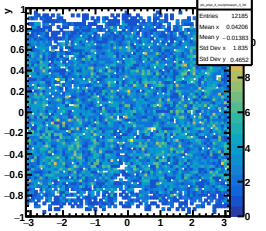

SE 1.8<p_T,a <2.0, 0.8<cos(2ϕ^-2ϕh)<1.0, 20-60 Cent
Entries 312413
Mean x 0.04668
Mean y −0.01011
Std Dev x 1.838
Std Dev y 0.4263
y
ϕ

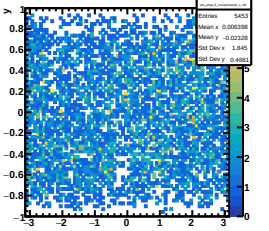

SE 2.0<p_T,ϕ <2.2, -1.0<cos(2ϕ*-2phi)<-0.8, 20-60 Cent
Entries 184998
Mean x 0.02976
Mean y −0.009507
Std Dev x 1.834
Std Dev y 0.4582
SE 2.0<p_T,ϕ <2.2, -0.8<cos(2ϕ*-2phi)<-0.6, 20-60 Cent
Entries 80813
Mean x 0.04482
Mean y −0.004859
Std Dev x 1.839
Std Dev y 0.455
SE 2.0<p_T,ϕ <2.2, -0.6<cos(2ϕ*-2phi)<-0.4, 20-60 Cent
Entries 65780
Mean x 0.04317
Mean y −0.0116
Std Dev x 1.831
Std Dev y 0.4526
SE 2.0<p_T,ϕ <2.2, -0.4<cos(2ϕ*-2phi)<-0.2, 20-60 Cent
Entries 58297
Mean x 0.04201
Mean y −0.009813
Std Dev x 1.835
Std Dev y 0.4492
SE 2.0<p_T,ϕ <2.2, -0.2<cos(2ϕ*-2phi)<0.0, 20-60 Cent
Entries 55718
Mean x 0.04115
Mean y −0.01071
Std Dev x 1.834
Std Dev y 0.4471
SE 2.0<p_T,ϕ <2.2, 0.0<cos(2ϕ*-2phi)<0.2, 20-60 Cent
Entries 54725
Mean x 0.03643
Mean y −0.009249
Std Dev x 1.835
Std Dev y 0.445
SE 2.0<p_T,ϕ <2.2, 0.2<cos(2ϕ*-2phi)<0.4, 20-60 Cent
Entries 57250
Mean x 0.04609
Mean y −0.006395
Std Dev x 1.838
Std Dev y 0.4423
SE 2.0<p_T,ϕ <2.2, 0.4<cos(2ϕ*-2phi)<0.6, 20-60 Cent
Entries 62043
Mean x 0.03999
Mean y −0.01034
Std Dev x 1.845
Std Dev y 0.4423
SE 2.0<p_T,ϕ <2.2, 0.6<cos(2ϕ*-2phi)<0.8, 20-60 Cent
Entries 75754
Mean x 0.04337
Mean y −0.006794
Std Dev x 1.839
Std Dev y 0.4378
SE 2.0<p_T,ϕ <2.2, 0.8<cos(2ϕ*-2phi)<1.0, 20-60 Cent
Entries 170220
Mean x 0.05242
Mean y −0.009938
Std Dev x 1.835
Std Dev y 0.4366
y
ϕ

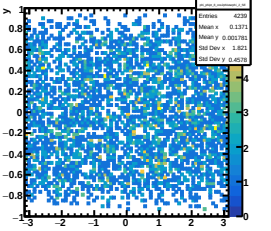

SE 2.2<p_T,ϕ <2.4, -1.0<cos(2ϕ*-2phi)<-0.8, 20-60 Cent
Entries 95585
Mean x 0.04818
Mean y −0.007787
Std Dev x 1.834
Std Dev y 0.4622
SE 2.2<p_T,ϕ <2.4, -0.8<cos(2ϕ*-2phi)<-0.6, 20-60 Cent
Entries 41831
Mean x 0.03885
Mean y −0.009764
Std Dev x 1.834
Std Dev y 0.4604
SE 2.2<p_T,ϕ <2.4, -0.6<cos(2ϕ*-2phi)<-0.4, 20-60 Cent
Entries 34141
Mean x 0.04752
Mean y −0.01018
Std Dev x 1.841
Std Dev y 0.4587
SE 2.2<p_T,ϕ <2.4, -0.4<cos(2ϕ*-2phi)<-0.2, 20-60 Cent
Entries 30479
Mean x 0.04456
Mean y −0.009498
Std Dev x 1.837
Std Dev y 0.4556
SE 2.2<p_T,ϕ <2.4, -0.2<cos(2ϕ*-2phi)<0.0, 20-60 Cent
Entries 28927
Mean x 0.06912
Mean y −0.009356
Std Dev x 1.839
Std Dev y 0.4549
SE 2.2<p_T,ϕ <2.4, 0.0<cos(2ϕ*-2phi)<0.2, 20-60 Cent
Entries 28993
Mean x 0.03566
Mean y −0.007538
Std Dev x 1.837
Std Dev y 0.4525
SE 2.2<p_T,ϕ <2.4, 0.2<cos(2ϕ*-2phi)<0.4, 20-60 Cent
Entries 29340
Mean x 0.04933
Mean y −0.008388
Std Dev x 1.841
Std Dev y 0.4492
SE 2.2<p_T,ϕ <2.4, 0.4<cos(2ϕ*-2phi)<0.6, 20-60 Cent
Entries 32565
Mean x 0.04989
Mean y −0.008582
Std Dev x 1.839
Std Dev y 0.4495
SE 2.2<p_T,ϕ <2.4, 0.6<cos(2ϕ*-2phi)<0.8, 20-60 Cent
Entries 39766
Mean x 0.04139
Mean y −0.014
Std Dev x 1.836
Std Dev y 0.4438
SE 2.2<p_T,ϕ <2.4, 0.8<cos(2ϕ*-2phi)<1.0, 20-60 Cent
Entries 89933
Mean x 0.05838
Mean y −0.009256
Std Dev x 1.824
Std Dev y 0.4423
y
ϕ

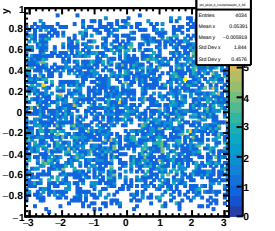

SE 2.4<p_T,ϕ <2.6, -1.0<cos(2ϕ*-2phi)<-0.8, 20-60 Cent
Entries 49783
Mean x 0.04738
Mean y −0.003514
Std Dev x 1.835
Std Dev y 0.465
SE 2.4<p_T,ϕ <2.6, -0.8<cos(2ϕ*-2phi)<-0.6, 20-60 Cent
Entries 22170
Mean x 0.04506
Mean y −0.009998
Std Dev x 1.837
Std Dev y 0.4638
SE 2.4<p_T,ϕ <2.6, -0.6<cos(2ϕ*-2phi)<-0.4, 20-60 Cent
Entries 18061
Mean x 0.05386
Mean y 0.0008053
Std Dev x 1.835
Std Dev y 0.4612
SE 2.4<p_T,ϕ <2.6, -0.4<cos(2ϕ*-2phi)<-0.2, 20-60 Cent
Entries 16285
Mean x 0.04623
Mean y −0.000738
Std Dev x 1.829
Std Dev y 0.458
SE 2.4<p_T,ϕ <2.6, -0.2<cos(2ϕ*-2phi)<0.0, 20-60 Cent
Entries 15465
Mean x 0.05276
Mean y −0.003149
Std Dev x 1.839
Std Dev y 0.4576
SE 2.4<p_T,ϕ <2.6, 0.0<cos(2ϕ*-2phi)<0.2, 20-60 Cent
Entries 15381
Mean x 0.06393
Mean y −0.004519
Std Dev x 1.838
Std Dev y 0.4535
SE 2.4<p_T,ϕ <2.6, 0.2<cos(2ϕ*-2phi)<0.4, 20-60 Cent
Entries 15350
Mean x 0.03752
Mean y −0.009656
Std Dev x 1.845
Std Dev y 0.4535
SE 2.4<p_T,ϕ <2.6, 0.4<cos(2ϕ*-2phi)<0.6, 20-60 Cent
Entries 16846
Mean x 0.04742
Mean y −0.007667
Std Dev x 1.829
Std Dev y 0.4489
SE 2.4<p_T,ϕ <2.6, 0.6<cos(2ϕ*-2phi)<0.8, 20-60 Cent
Entries 21205
Mean x 0.05825
Mean y −0.005254
Std Dev x 1.832
Std Dev y 0.4464
SE 2.4<p_T,ϕ <2.6, 0.8<cos(2ϕ*-2phi)<1.0, 20-60 Cent
Entries 47395
Mean x 0.04889
Mean y −0.006139
Std Dev x 1.827
Std Dev y 0.4466
y
ϕ

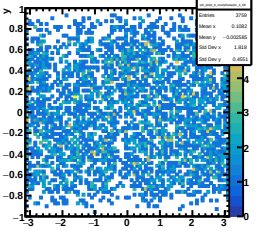

SE 2.6<p_T,ϕ<2.8, -1.0<cos(2ϕ^-2phi)<-0.8, 20-60 Cent
Entries 24975
Mean x 0.04555
Mean y −0.003625
Std Dev x 1.839
Std Dev y 0.4682
SE 2.6<p_T,ϕ<2.8, -0.8<cos(2ϕ^-2phi)<-0.6, 20-60 Cent
Entries 10961
Mean x 0.0475
Mean y −0.004766
Std Dev x 1.839
Std Dev y 0.4626
SE 2.6<p_T,ϕ<2.8, -0.6<cos(2ϕ^-2phi)<-0.4, 20-60 Cent
Entries 8769
Mean x 0.09712
Mean y 0.0003782
Std Dev x 1.839
Std Dev y 0.4644
SE 2.6<p_T,ϕ<2.8, -0.4<cos(2ϕ^-2phi)<-0.2, 20-60 Cent
Entries 8136
Mean x 0.06516
Mean y −0.0145
Std Dev x 1.849
Std Dev y 0.4592
SE 2.6<p_T,ϕ<2.8, -0.2<cos(2ϕ^-2phi)<0.0, 20-60 Cent
Entries 7564
Mean x 0.04839
Mean y −0.0102
Std Dev x 1.827
Std Dev y 0.4587
SE 2.6<p_T,ϕ<2.8, 0.0<cos(2ϕ^-2phi)<0.2, 20-60 Cent
Entries 7503
Mean x 0.03065
Mean y −0.003577
Std Dev x 1.83
Std Dev y 0.4592
SE 2.6<p_T,ϕ<2.8, 0.2<cos(2ϕ^-2phi)<0.4, 20-60 Cent
Entries 7639
Mean x 0.05727
Mean y −0.008763
Std Dev x 1.837
Std Dev y 0.4532
SE 2.6<p_T,ϕ<2.8, 0.4<cos(2ϕ^-2phi)<0.6, 20-60 Cent
Entries 8588
Mean x 0.06719
Mean y −0.01459
Std Dev x 1.834
Std Dev y 0.4501
SE 2.6<p_T,ϕ<2.8, 0.6<cos(2ϕ^-2phi)<0.8, 20-60 Cent
Entries 10528
Mean x 0.04309
Mean y −0.01032
Std Dev x 1.828
Std Dev y 0.4498
SE 2.6<p_T,ϕ<2.8, 0.8<cos(2ϕ^-2phi)<1.0, 20-60 Cent
Entries 23929
Mean x 0.05012
Mean y −0.00599
Std Dev x 1.833
Std Dev y 0.4487
y
ϕ

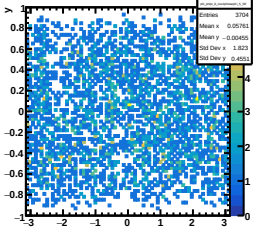

SE 2.8<p_T,a <3.0, -1.0<cos(2ϕ^-2ϕh)<-0.8, 20-60 Cent
Entries 12185
Mean x 0.04206
Mean y −0.01383
Std Dev x 1.835
Std Dev y 0.4852
y
ϕ

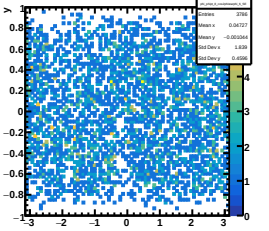

SE 2.8<p_T,a <3.0, -0.8<cos(2ϕ^-2ϕh)<-0.6, 20-60 Cent
Entries 5453
Mean x 0.006398
Mean y −0.02328
Std Dev x 1.845
Std Dev y 0.4681
y
ϕ

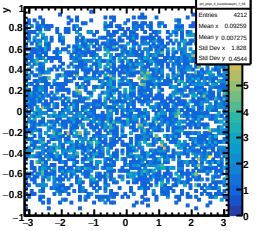

SE 2.8<p_T,a <3.0, -0.6<cos(2ϕ^-2ϕh)<-0.4, 20-60 Cent
Entries 4239
Mean x 0.13771
Mean y 0.001781
Std Dev x 1.821
Std Dev y 0.4578
y
ϕ

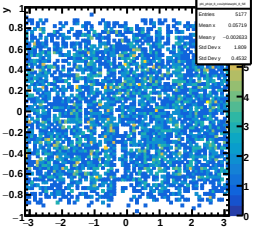

SE 2.8<p_T,a <3.0, -0.4<cos(2ϕ^-2ϕh)<-0.2, 20-60 Cent
Entries 4004
Mean x 0.03361
Mean y −0.005918
Std Dev x 1.844
Std Dev y 0.4676
y
ϕ

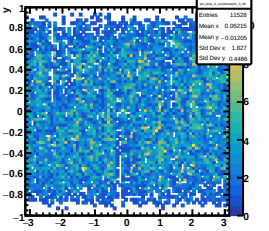

SE 2.8<p_T,a <3.0, -0.2<cos(2ϕ^-2ϕh)<0.0, 20-60 Cent
Entries 3750
Mean x 0.1062
Mean y −0.002586
Std Dev x 1.816
Std Dev y 0.4561
y
ϕ

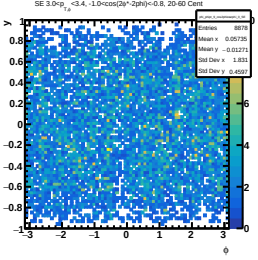

SE 2.8<p_T,a <3.0, 0.0<cos(2ϕ^-2ϕh)<0.2, 20-60 Cent
Entries 3704
Mean x 0.05761
Mean y −0.00455
Std Dev x 1.823
Std Dev y 0.4551
y
ϕ

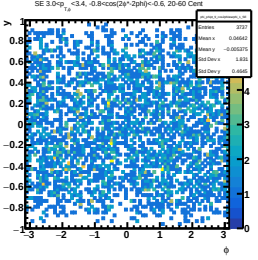

SE 2.8<p_T,a <3.0, 0.2<cos(2ϕ^-2ϕh)<0.4, 20-60 Cent
Entries 3766
Mean x 0.04727
Mean y −0.001044
Std Dev x 1.839
Std Dev y 0.4598
y
ϕ

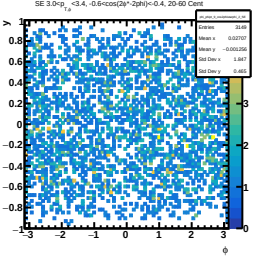

SE 2.8<p_T,a <3.0, 0.4<cos(2ϕ^-2ϕh)<0.6, 20-60 Cent
Entries 4212
Mean x 0.09259
Mean y 0.007275
Std Dev x 1.828
Std Dev y 0.4548
y
ϕ

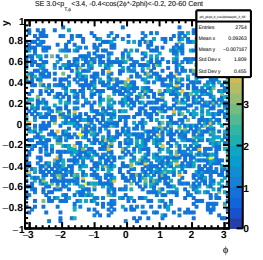

SE 2.8<p_T,a <3.0, 0.6<cos(2ϕ^-2ϕh)<0.8, 20-60 Cent
Entries 5177
Mean x 0.05718
Mean y −0.002633
Std Dev x 1.806
Std Dev y 0.4532
y
ϕ

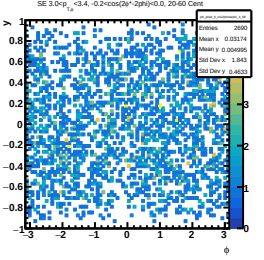

SE 2.8<p_T,a <3.0, 0.8<cos(2ϕ^-2ϕh)<1.0, 20-60 Cent
Entries 11528
Mean x 0.06219
Mean y −0.01205
Std Dev x 1.827
Std Dev y 0.4486
y
ϕ

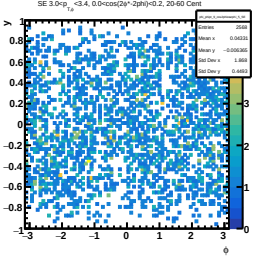

SE 3.0<p_{T,a}<3.4, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 8878
Mean x 0.05735
Mean y −0.01271
Std Dev x 1.831
Std Dev y 0.4597
y
φ

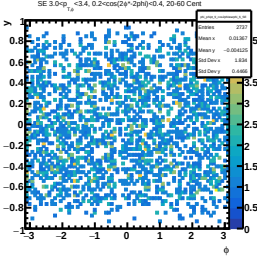

SE 3.0<p_{T,a}<3.4, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 3737
Mean x 0.04642
Mean y −0.005375
Std Dev x 1.831
Std Dev y 0.4645
y
φ

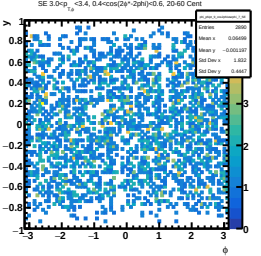

SE 3.0<p_{T,a}<3.4, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 3149
Mean x 0.02707
Mean y −0.001256
Std Dev x 1.847
Std Dev y 0.465
y
φ

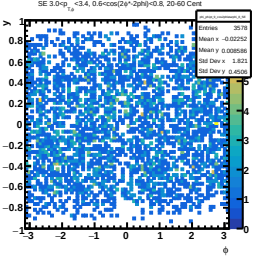

SE 3.0<p_{T,a}<3.4, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 2754
Mean x 0.09263
Mean y −0.007167
Std Dev x 1.809
Std Dev y 0.455
y
φ

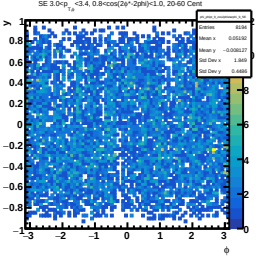

SE 3.0<p_{T,a}<3.4, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 2690
Mean x 0.03174
Mean y 0.004995
Std Dev x 1.843
Std Dev y 0.4633
y
φ

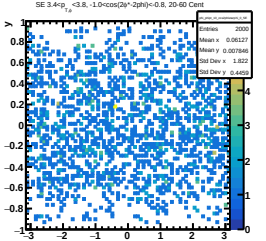

SE 3.0<p_{T,a}<3.4, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 2548
Mean x 0.04331
Mean y −0.006365
Std Dev x 1.868
Std Dev y 0.4493
y
φ

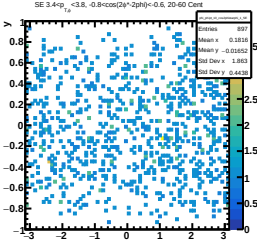

SE 3.0<p_{T,a}<3.4, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 2737
Mean x 0.01367
Mean y −0.004125
Std Dev x 1.834
Std Dev y 0.4466
y
φ

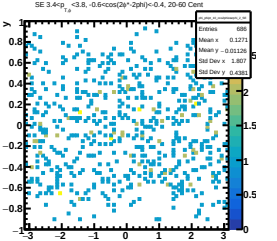

SE 3.0<p_{T,a}<3.4, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 2696
Mean x 0.06499
Mean y −0.001197
Std Dev x 1.832
Std Dev y 0.4447
y
φ

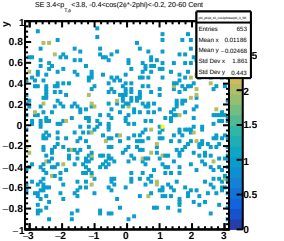

SE 3.0<p_{T,a}<3.4, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 3578
Mean x −0.02252
Mean y 0.008586
Std Dev x 1.821
Std Dev y 0.4508
y
φ

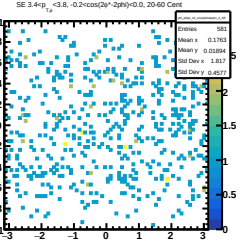

SE 3.0<p_{T,a}<3.4, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 8194
Mean x 0.05192
Mean y −0.008127
Std Dev x 1.869
Std Dev y 0.4486
y
φ

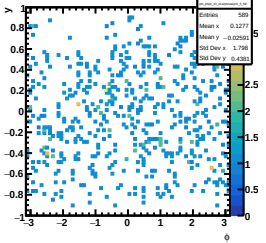

SE 3.4<p_T,e <3.8, -1.0<cos(2ϕ^-2ϕh)<-0.8, 20-60 Cent
Entries 2000
Mean x 0.00127
Mean y 0.007846
Std Dev x 1.822
Std Dev y 0.4459
y
ϕ

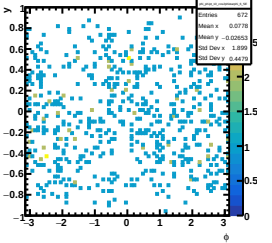

SE 3.4<p_T,e <3.8, -0.8<cos(2ϕ^-2ϕh)<-0.6, 20-60 Cent
Entries 897
Mean x 0.1816
Mean y −0.01652
Std Dev x 1.863
Std Dev y 0.4438
y
ϕ

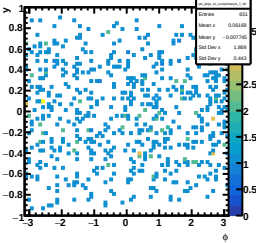

SE 3.4<p_T,e <3.8, -0.6<cos(2ϕ^-2ϕh)<-0.4, 20-60 Cent
Entries 686
Mean x 0.1271
Mean y −0.01126
Std Dev x 1.807
Std Dev y 0.4381
y
ϕ

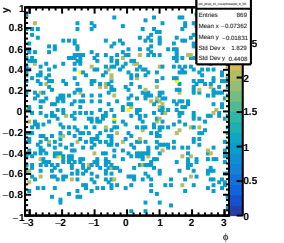

SE 3.4<p_T,e <3.8, -0.4<cos(2ϕ^-2ϕh)<-0.2, 20-60 Cent
Entries 653
Mean x 0.01186
Mean y −0.02468
Std Dev x 1.861
Std Dev y 0.443
y
ϕ

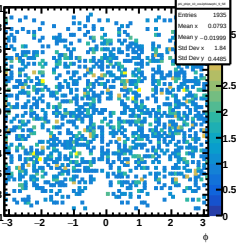

SE 3.4<p_T,e <3.8, -0.2<cos(2ϕ^-2ϕh)<0.0, 20-60 Cent
Entries 561
Mean x 0.1763
Mean y 0.01894
Std Dev x 1.817
Std Dev y 0.4527
y
ϕ

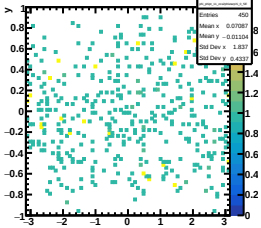

SE 3.4<p_T,e <3.8, 0.0<cos(2ϕ^-2ϕh)<0.2, 20-60 Cent
Entries 589
Mean x 0.1277
Mean y −0.02591
Std Dev x 1.798
Std Dev y 0.4391
y
ϕ

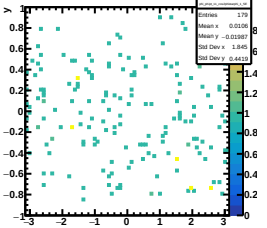

SE 3.4<p_T,e <3.8, 0.2<cos(2ϕ^-2ϕh)<0.4, 20-60 Cent
Entries 672
Mean x 0.0778
Mean y −0.02653
Std Dev x 1.806
Std Dev y 0.4478
y
ϕ

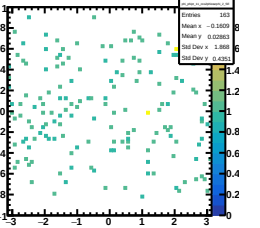

SE 3.4<p_T,e <3.8, 0.4<cos(2ϕ^-2ϕh)<0.6, 20-60 Cent
Entries 651
Mean x 0.06166
Mean y −0.007745
Std Dev x 1.865
Std Dev y 0.443
y
ϕ

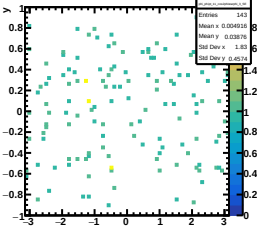

SE 3.4<p_T,e <3.8, 0.6<cos(2ϕ^-2ϕh)<0.8, 20-60 Cent
Entries 869
Mean x −0.07362
Mean y −0.01831
Std Dev x 1.826
Std Dev y 0.4438
y
ϕ

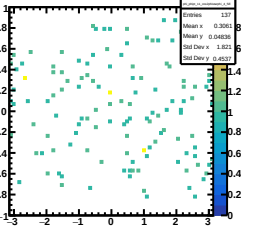

SE 3.4<p_T,e <3.8, 0.8<cos(2ϕ^-2ϕh)<1.0, 20-60 Cent
Entries 1935
Mean x 0.0793
Mean y −0.01998
Std Dev x 1.84
Std Dev y 0.4485
y
ϕ

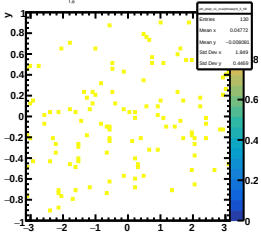

SE 3.8<p_T,a <4.2, -1.0<cos(2ϕ^-2ϕh)<-0.8, 20-60 Cent
Entries 450
Mean x 0.07087
Mean y −0.01104
Std Dev x 1.837
Std Dev y 0.4337
y
ϕ

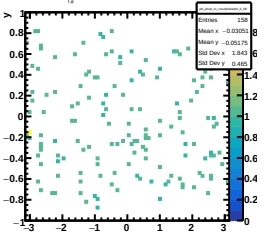

SE 3.8<p_T,a <4.2, -0.8<cos(2ϕ^-2ϕh)<-0.6, 20-60 Cent
Entries 179
Mean x 0.0106
Mean y −0.01997
Std Dev x 1.845
Std Dev y 0.4419
y
ϕ

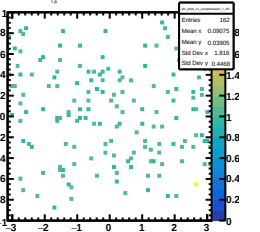

SE 3.8<p_T,a <4.2, -0.6<cos(2ϕ^-2ϕh)<-0.4, 20-60 Cent
Entries 163
Mean x −0.1609
Mean y 0.02863
Std Dev x 1.868
Std Dev y 0.4351
y
ϕ

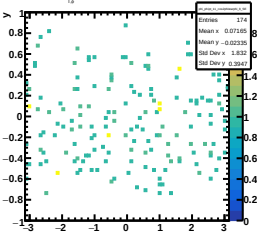

SE 3.8<p_T,a <4.2, -0.4<cos(2ϕ^-2ϕh)<-0.2, 20-60 Cent
Entries 143
Mean x 0.004618
Mean y 0.03876
Std Dev x 1.83
Std Dev y 0.4574
y
ϕ

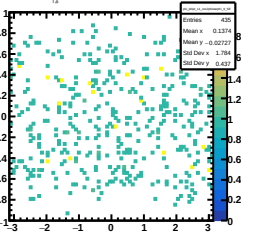

SE 3.8<p_T,a <4.2, -0.2<cos(2ϕ^-2ϕh)<0.0, 20-60 Cent
Entries 137
Mean x 0.3068
Mean y 0.04836
Std Dev x 1.821
Std Dev y 0.4527
y
ϕ


SE 3.8<p_T,a <4.2, 0.0<cos(2ϕ^-2ϕh)<0.2, 20-60 Cent
Entries 130
Mean x 0.04772
Mean y −0.008081
Std Dev x 1.849
Std Dev y 0.4469
y
ϕ


SE 3.8<p_T,a <4.2, 0.2<cos(2ϕ^-2ϕh)<0.4, 20-60 Cent
Entries 158
Mean x −0.03051
Mean y −0.05175
Std Dev x 1.843
Std Dev y 0.445
y
ϕ


SE 3.8<p_T,a <4.2, 0.4<cos(2ϕ^-2ϕh)<0.6, 20-60 Cent
Entries 162
Mean x 0.09075
Mean y 0.03905
Std Dev x 1.816
Std Dev y 0.4482
y
ϕ


SE 3.8<p_T,a <4.2, 0.6<cos(2ϕ^-2ϕh)<0.8, 20-60 Cent
Entries 174
Mean x 0.07185
Mean y −0.02335
Std Dev x 1.832
Std Dev y 0.3947
y
ϕ


SE 3.8<p_T,a <4.2, 0.8<cos(2ϕ^-2ϕh)<1.0, 20-60 Cent
Entries 435
Mean x 0.1377
Mean y −0.02727
Std Dev x 1.784
Std Dev y 0.432
y
ϕ