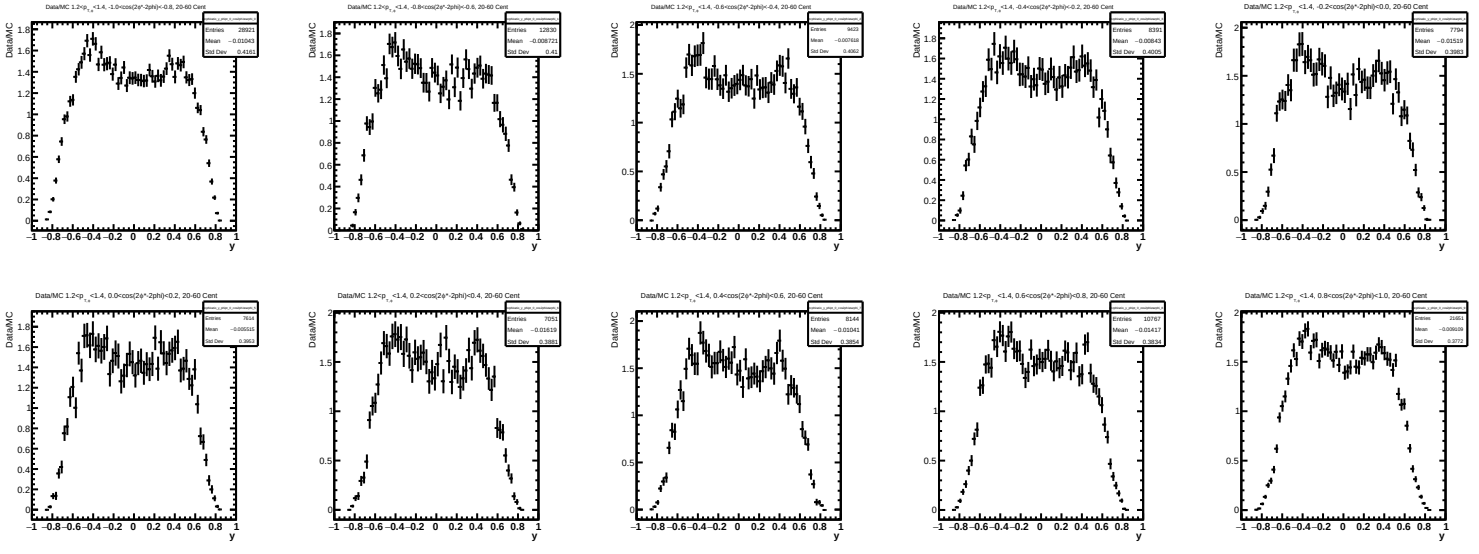
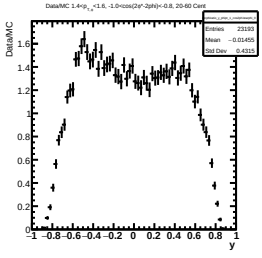
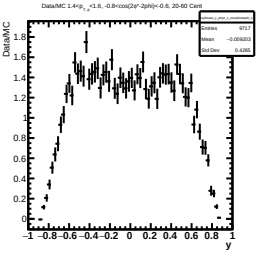
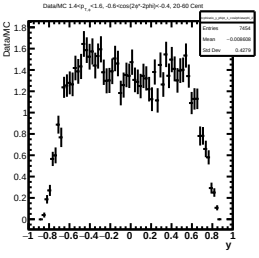
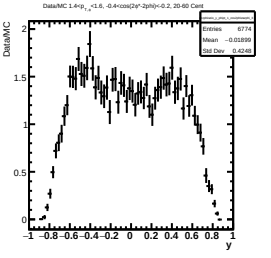
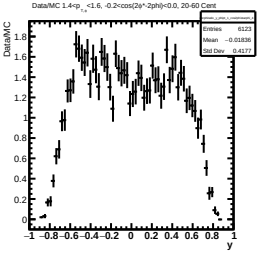

Data/MC 1.2<p_T,h<1.4, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 28921
Mean −0.01043
Std Dev 0.4161
Data/MC 1.2<p_T,h<1.4, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 12830
Mean −0.008721
Std Dev 0.41
Data/MC 1.2<p_T,h<1.4, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 9423
Mean −0.007618
Std Dev 0.4092
Data/MC 1.2<p_T,h<1.4, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 8391
Mean −0.00643
Std Dev 0.4005
Data/MC 1.2<p_T,h<1.4, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 7794
Mean −0.01519
Std Dev 0.3983
Data/MC 1.2<p_T,h<1.4, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 7614
Mean −0.005515
Std Dev 0.3953
Data/MC 1.2<p_T,h<1.4, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 7051
Mean −0.01619
Std Dev 0.3881
Data/MC 1.2<p_T,h<1.4, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 8144
Mean −0.01041
Std Dev 0.3854
Data/MC 1.2<p_T,h<1.4, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 10767
Mean −0.01417
Std Dev 0.3834
Data/MC 1.2<p_T,h<1.4, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 21651
Mean −0.006109
Std Dev 0.3772
Data/MC
y

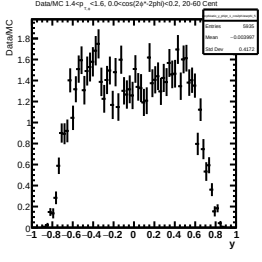

Data/MC 1.4<p_T,h<1.6, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 23193
Mean −0.01455
Std Dev 0.4315
Data/MC
y

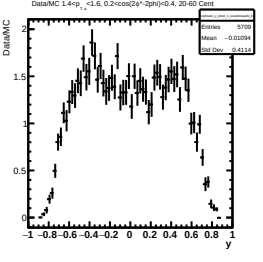

Data/MC 1.4<p_T,h<1.6, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 6313
Mean −0.00920
Std Dev 0.4381
Data/MC
y

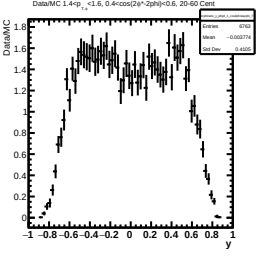

Data/MC 1.4<p_T,h<1.6, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 7654
Mean −0.00809
Std Dev 0.4379
Data/MC
y

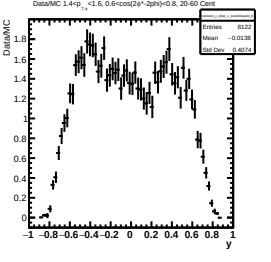

Data/MC 1.4<p_T,h<1.6, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 6774
Mean −0.01899
Std Dev 0.4248
Data/MC
y

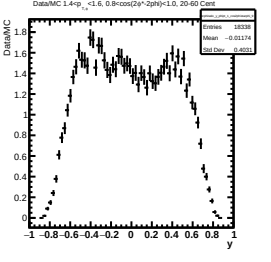

Data/MC 1.4<p_T,h<1.6, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 6123
Mean −0.01936
Std Dev 0.4177
Data/MC
y

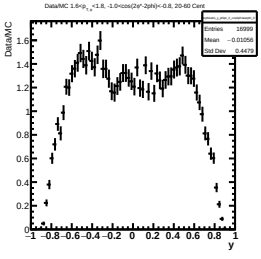

Data/MC 1.4<p_T,h<1.6, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 5535
Mean −0.00997
Std Dev 0.4172
Data/MC
y

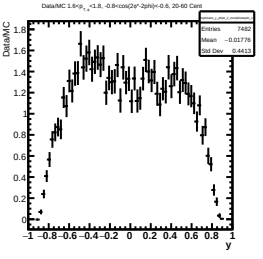

Data/MC 1.4<p_T,h<1.6, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 5709
Mean −0.01094
Std Dev 0.4114
Data/MC
y

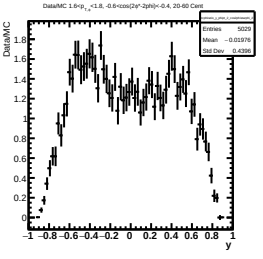

Data/MC 1.4<p_T,h<1.6, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 6763
Mean −0.00377
Std Dev 0.4105
Data/MC
y

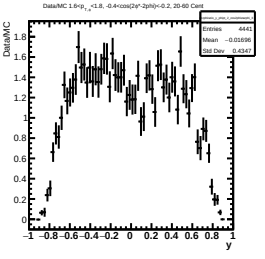

Data/MC 1.4<p_T,h<1.6, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 8122
Mean −0.0138
Std Dev 0.4074
Data/MC
y

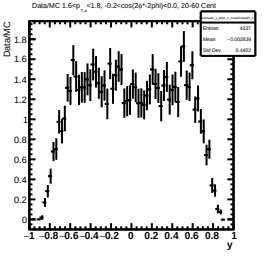

Data/MC 1.4<p_T,h<1.6, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 18338
Mean −0.01176
Std Dev 0.4031
Data/MC
y

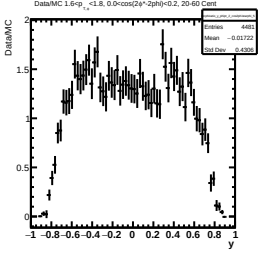

Data/MC 1.6<p_T,h<1.8, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 16999
Mean −0.01056
Std Dev 0.4479
Data/MC
y

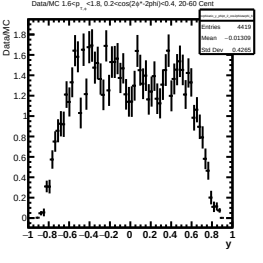

Data/MC 1.6<p_T,h<1.8, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 7462
Mean −0.01776
Std Dev 0.4413
Data/MC
y

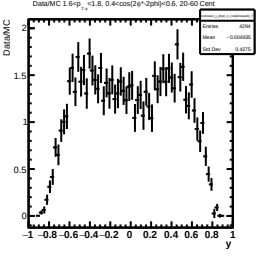

Data/MC 1.6<p_T,h<1.8, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 5029
Mean −0.01976
Std Dev 0.4396
Data/MC
y

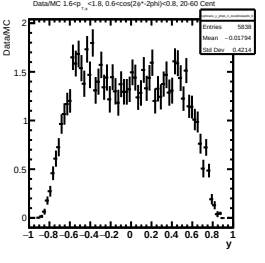

Data/MC 1.6<p_T,h<1.8, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 4442
Mean −0.01698
Std Dev 0.4347
Data/MC
y

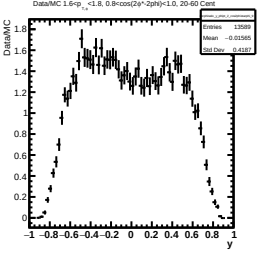

Data/MC 1.6<p_T,h<1.8, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 4337
Mean −0.00836
Std Dev 0.4402
Data/MC
y

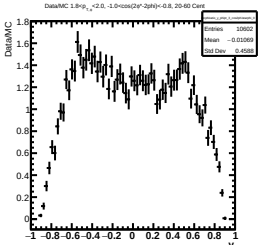

Data/MC 1.6<p_T,h<1.8, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 4481
Mean −0.01722
Std Dev 0.4306
Data/MC
y

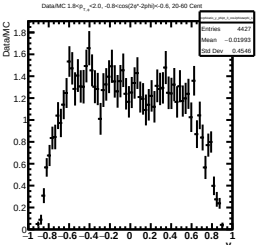

Data/MC 1.6<p_T,h<1.8, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 4419
Mean −0.01309
Std Dev 0.4265
Data/MC
y

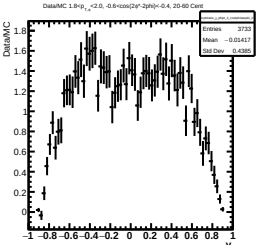

Data/MC 1.6<p_T,h<1.8, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 4294
Mean −0.00693
Std Dev 0.4275
Data/MC
y

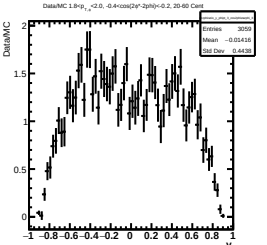

Data/MC 1.6<p_T,h<1.8, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 5838
Mean −0.01794
Std Dev 0.4214
Data/MC
y

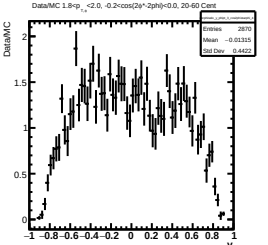

Data/MC 1.6<p_T,h<1.8, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 13589
Mean −0.01565
Std Dev 0.4187
Data/MC
y

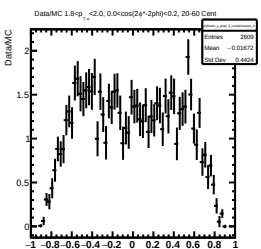

Data/MC 1.8<p_T,e<2.0, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 10602
Mean −0.01669
Std Dev 0.4589
Data/MC
y

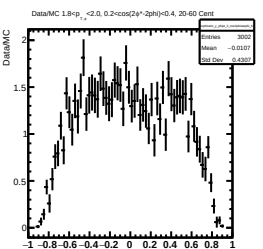

Data/MC 1.8<p_T,e<2.0, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 4427
Mean −0.01993
Std Dev 0.4546
Data/MC
y

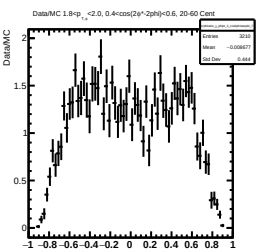

Data/MC 1.8<p_T,e<2.0, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 3732
Mean −0.01417
Std Dev 0.4385
Data/MC
y

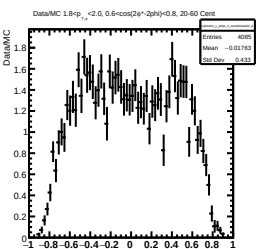

Data/MC 1.8<p_T,e<2.0, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 3059
Mean −0.01418
Std Dev 0.4438
Data/MC
y

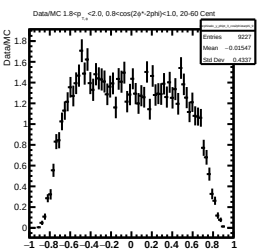

Data/MC 1.8<p_T,e<2.0, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 2870
Mean −0.01319
Std Dev 0.4422
Data/MC
y

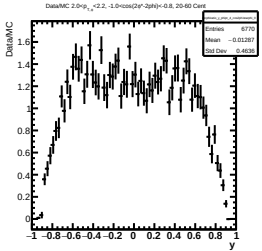

Data/MC 1.8<p_T,e<2.0, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 2609
Mean −0.01672
Std Dev 0.4424
Data/MC
y

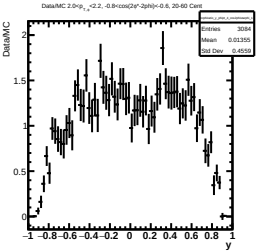

Data/MC 1.8<p_T,e<2.0, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 3002
Mean −0.0107
Std Dev 0.4307
Data/MC
y

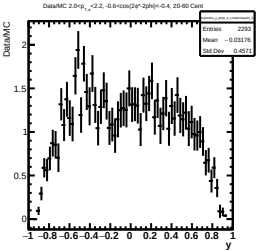

Data/MC 1.8<p_T,e<2.0, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 3210
Mean −0.00667
Std Dev 0.444
Data/MC
y

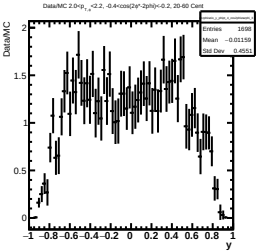

Data/MC 1.8<p_T,e<2.0, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 4085
Mean −0.01763
Std Dev 0.433
Data/MC
y

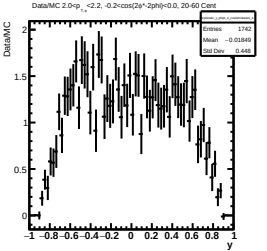

Data/MC 1.8<p_T,e<2.0, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 9227
Mean −0.01547
Std Dev 0.4337
Data/MC
y

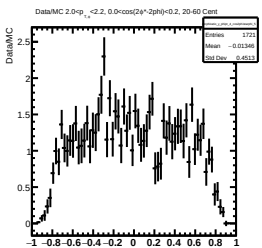

Data/MC 2.0<p_T_π<2.2, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 6770
Mean −0.01287
Std Dev 0.4636
Data/MC
y

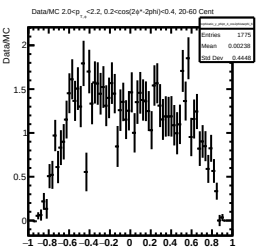

Data/MC 2.0<p_T_π<2.2, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 3084
Mean 0.01355
Std Dev 0.4558
Data/MC
y

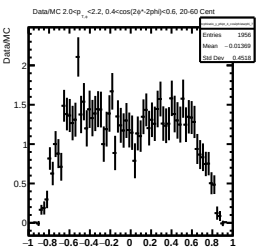

Data/MC 2.0<p_T_π<2.2, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 2293
Mean −0.03176
Std Dev 0.4571
Data/MC
y

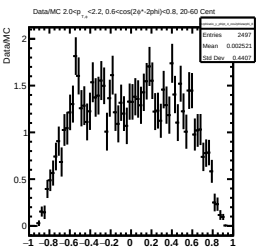

Data/MC 2.0<p_T_π<2.2, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 1698
Mean −0.01159
Std Dev 0.4551
Data/MC
y

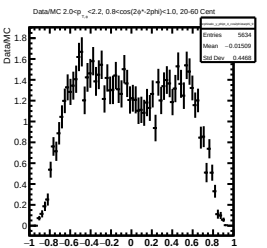

Data/MC 2.0<p_T_π<2.2, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 1742
Mean −0.01849
Std Dev 0.446
Data/MC
y

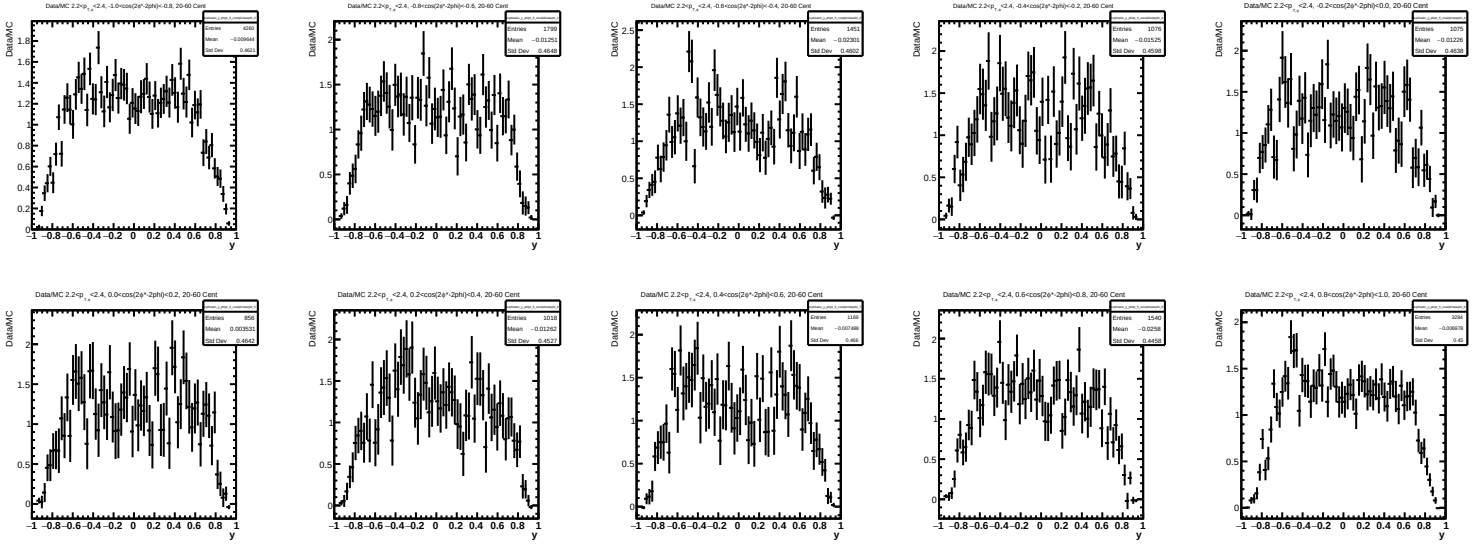

Data/MC 2.0<p_T_π<2.2, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 1721
Mean −0.01346
Std Dev 0.4513
Data/MC
y

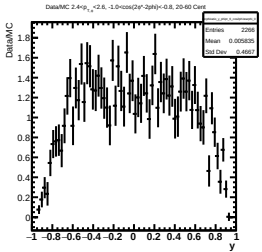

Data/MC 2.0<p_T_π<2.2, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 1775
Mean 0.00238
Std Dev 0.4448
Data/MC
y

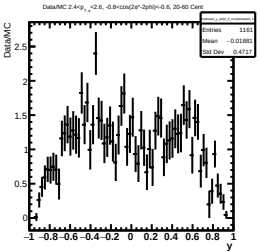

Data/MC 2.0<p_T_π<2.2, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 1956
Mean −0.01369
Std Dev 0.4518
Data/MC
y

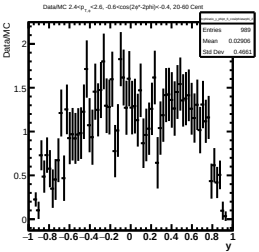

Data/MC 2.0<p_T_π<2.2, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 2497
Mean 0.002521
Std Dev 0.4407
Data/MC
y

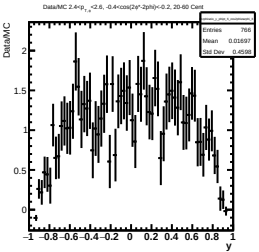

Data/MC 2.0<p_T_π<2.2, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 5634
Mean −0.01509
Std Dev 0.4469
Data/MC
y

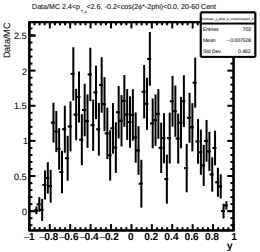

Data/MC 2.2<p_T,a<2.4, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 4260
Mean −0.009644
Std Dev 0.4621
Data/MC 2.2<p_T,a<2.4, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 1799
Mean −0.01251
Std Dev 0.4648
Data/MC 2.2<p_T,a<2.4, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 1451
Mean −0.02301
Std Dev 0.4602
Data/MC 2.2<p_T,a<2.4, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 1076
Mean −0.01525
Std Dev 0.4598
Data/MC 2.2<p_T,a<2.4, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 1075
Mean −0.01299
Std Dev 0.4636
Data/MC 2.2<p_T,a<2.4, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 856
Mean 0.003531
Std Dev 0.4642
Data/MC 2.2<p_T,a<2.4, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 1018
Mean −0.01262
Std Dev 0.4527
Data/MC 2.2<p_T,a<2.4, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 1169
Mean −0.007488
Std Dev 0.464
Data/MC 2.2<p_T,a<2.4, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 1543
Mean −0.0258
Std Dev 0.4458
Data/MC 2.2<p_T,a<2.4, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 3336
Mean −0.006878
Std Dev 0.45
Data/MC
y

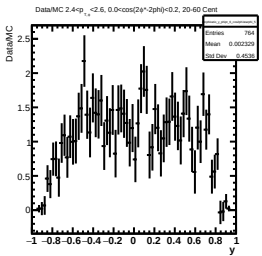

Data/MC 2.4<p_T,e<2.6, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 2266
Mean 0.009835
Std Dev 0.4667
Data/MC
y

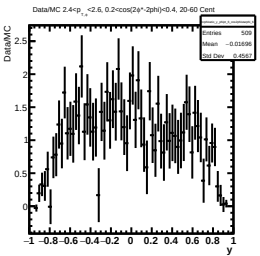

Data/MC 2.4<p_T,e<2.6, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 1161
Mean −0.01851
Std Dev 0.4717
Data/MC
y

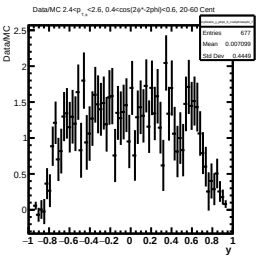

Data/MC 2.4<p_T,e<2.6, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 989
Mean 0.02906
Std Dev 0.4661
Data/MC
y

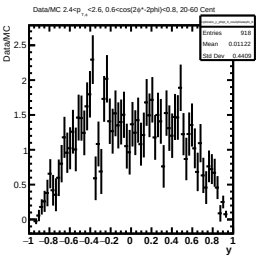

Data/MC 2.4<p_T,e<2.6, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 769
Mean 0.01697
Std Dev 0.4598
Data/MC
y

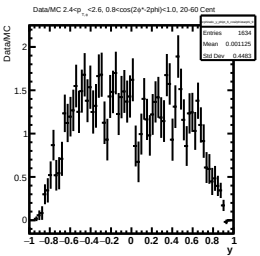

Data/MC 2.4<p_T,e<2.6, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 792
Mean −0.007508
Std Dev 0.462
Data/MC
y

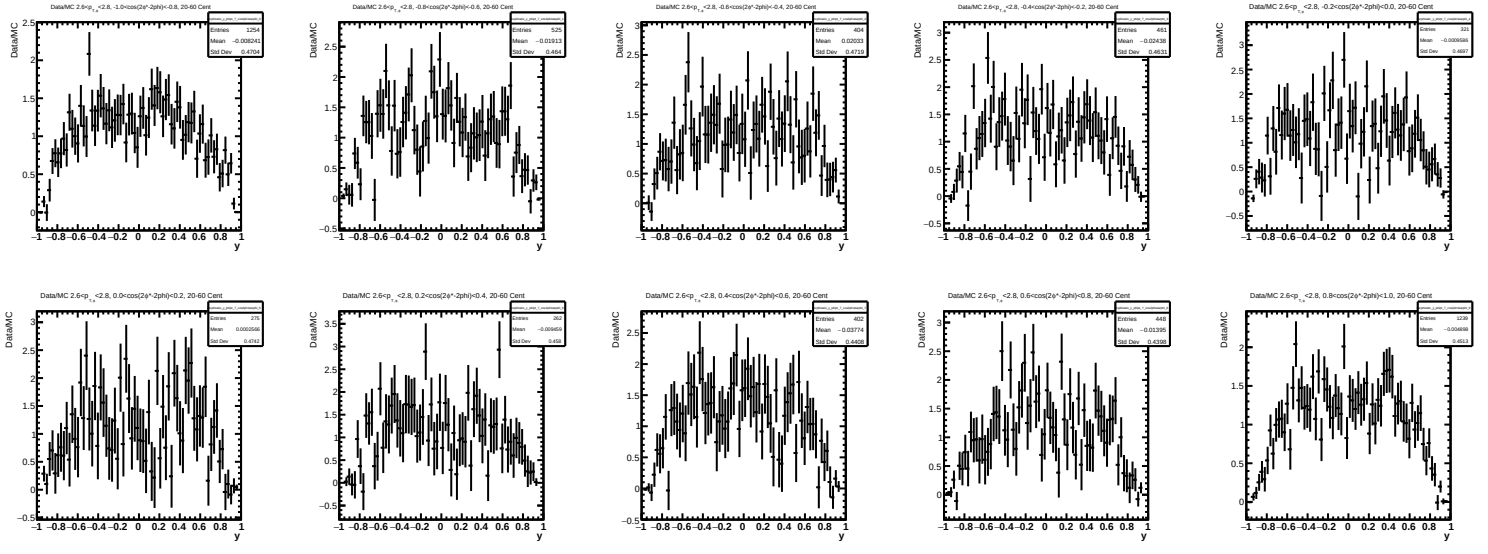

Data/MC 2.4<p_T,e<2.6, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 764
Mean 0.002329
Std Dev 0.4536
Data/MC
y

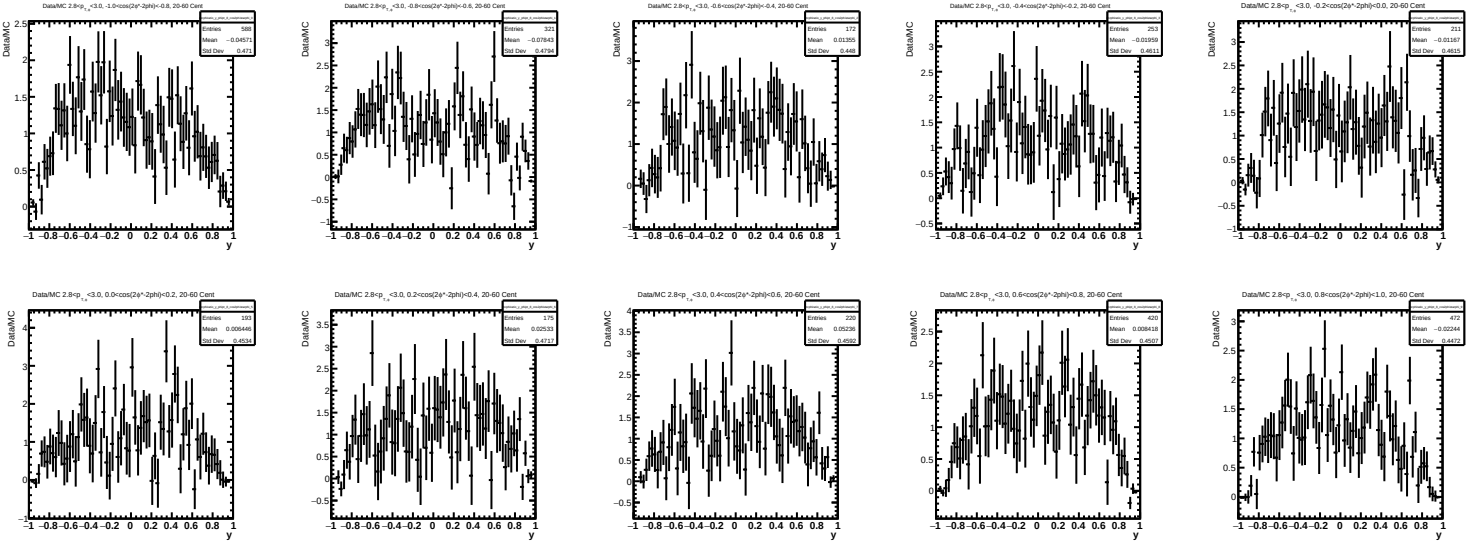

Data/MC 2.4<p_T,e<2.6, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 509
Mean −0.01696
Std Dev 0.4587
Data/MC
y

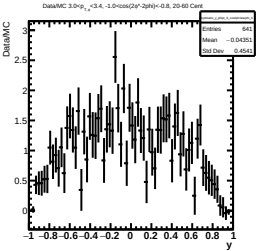

Data/MC 2.4<p_T,e<2.6, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 677
Mean 0.007099
Std Dev 0.4449
Data/MC
y

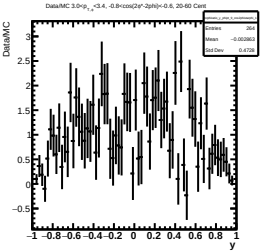

Data/MC 2.4<p_T,e<2.6, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 918
Mean 0.01122
Std Dev 0.4402
Data/MC
y

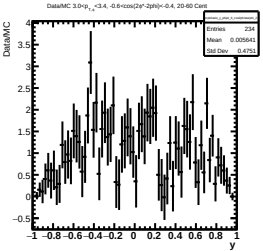

Data/MC 2.4<p_T,e<2.6, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 1634
Mean 0.001125
Std Dev 0.4483
Data/MC
y

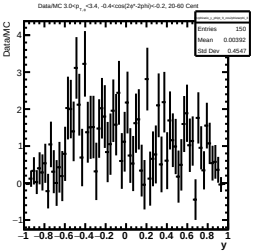

Data/MC 2.6<p_T,e<2.8, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 1254
Mean -0.008241
Std Dev 0.4704
Data/MC 2.6<p_T,e<2.8, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 525
Mean -0.01913
Std Dev 0.464
Data/MC 2.6<p_T,e<2.8, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 404
Mean 0.02033
Std Dev 0.4719
Data/MC 2.6<p_T,e<2.8, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 451
Mean -0.02438
Std Dev 0.4631
Data/MC 2.6<p_T,e<2.8, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 334
Mean -0.000586
Std Dev 0.4697
Data/MC 2.6<p_T,e<2.8, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 275
Mean 0.002566
Std Dev 0.4742
Data/MC 2.6<p_T,e<2.8, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 262
Mean -0.00945
Std Dev 0.458
Data/MC 2.6<p_T,e<2.8, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 402
Mean -0.03774
Std Dev 0.4408
Data/MC 2.6<p_T,e<2.8, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 448
Mean -0.01395
Std Dev 0.4395
Data/MC 2.6<p_T,e<2.8, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 1230
Mean -0.004696
Std Dev 0.4513
Data/MC
y

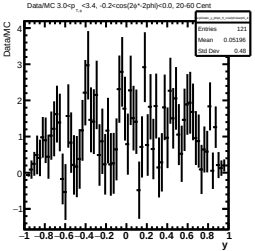

Data/MC 2.8<p_T,e<3.0, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 588
Mean −0.04571
Std Dev 0.471
Data/MC 2.8<p_T,e<3.0, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 321
Mean −0.07843
Std Dev 0.4794
Data/MC 2.8<p_T,e<3.0, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 172
Mean 0.01355
Std Dev 0.449
Data/MC 2.8<p_T,e<3.0, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 253
Mean −0.01959
Std Dev 0.4611
Data/MC 2.8<p_T,e<3.0, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 211
Mean −0.01167
Std Dev 0.4615
Data/MC 2.8<p_T,e<3.0, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 193
Mean 0.006446
Std Dev 0.4534
Data/MC 2.8<p_T,e<3.0, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 175
Mean 0.02533
Std Dev 0.4717
Data/MC 2.8<p_T,e<3.0, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 220
Mean 0.05236
Std Dev 0.4592
Data/MC 2.8<p_T,e<3.0, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 420
Mean 0.008418
Std Dev 0.4507
Data/MC 2.8<p_T,e<3.0, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 472
Mean −0.02246
Std Dev 0.4472
Data/MC
y

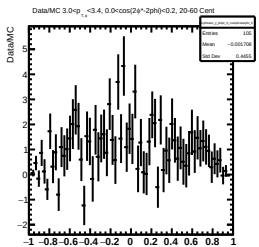

Data/MC 3.0<p_T_h<3.4, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Data/MC
y
Entries 641
Mean −0.04351
Std Dev 0.4541

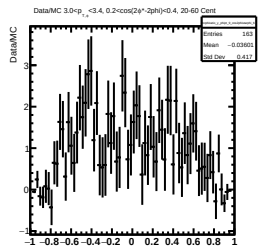

Data/MC 3.0<p_T_h<3.4, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Data/MC
y
Entries 464
Mean −0.002862
Std Dev 0.4728

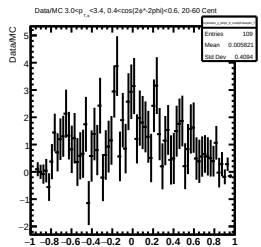

Data/MC 3.0<p_T_h<3.4, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Data/MC
y
Entries 234
Mean 0.005641
Std Dev 0.4751

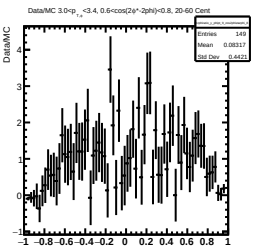

Data/MC 3.0<p_T_h<3.4, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Data/MC
y
Entries 150
Mean 0.00332
Std Dev 0.4547

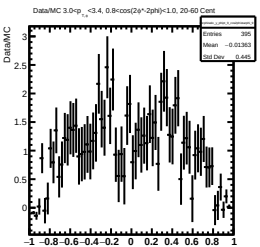

Data/MC 3.0<p_T_h<3.4, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Data/MC
y
Entries 121
Mean 0.05196
Std Dev 0.46

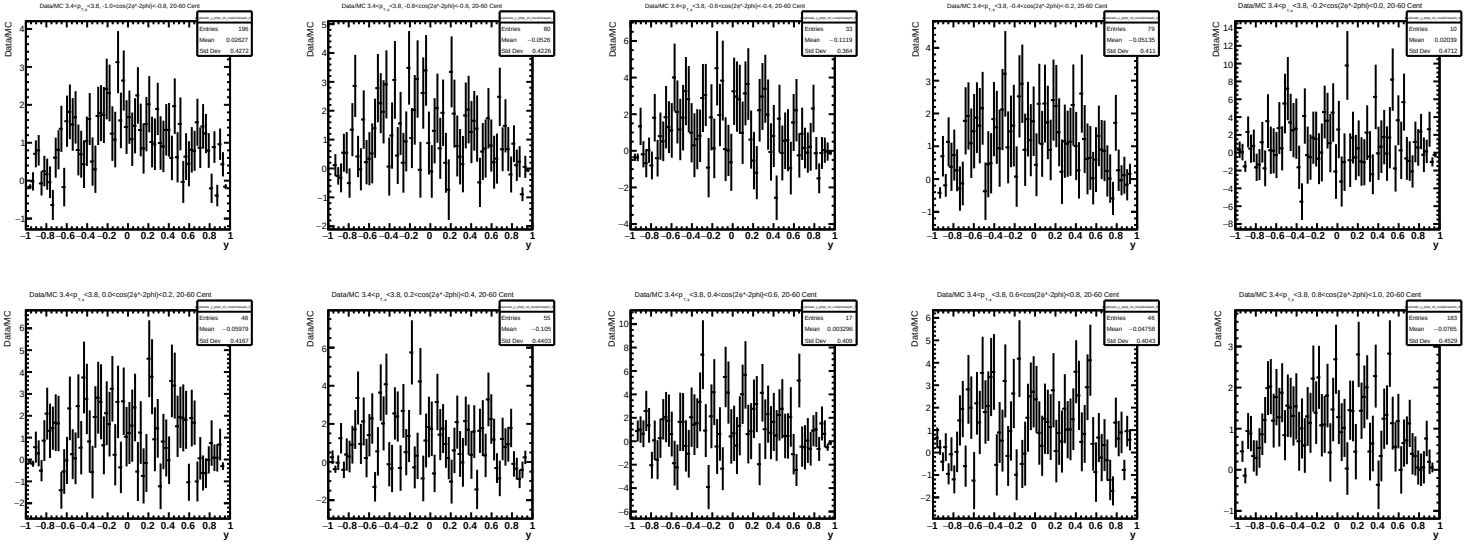

Data/MC 3.0<p_T_h<3.4, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Data/MC
y
Entries 116
Mean −0.001708
Std Dev 0.4455

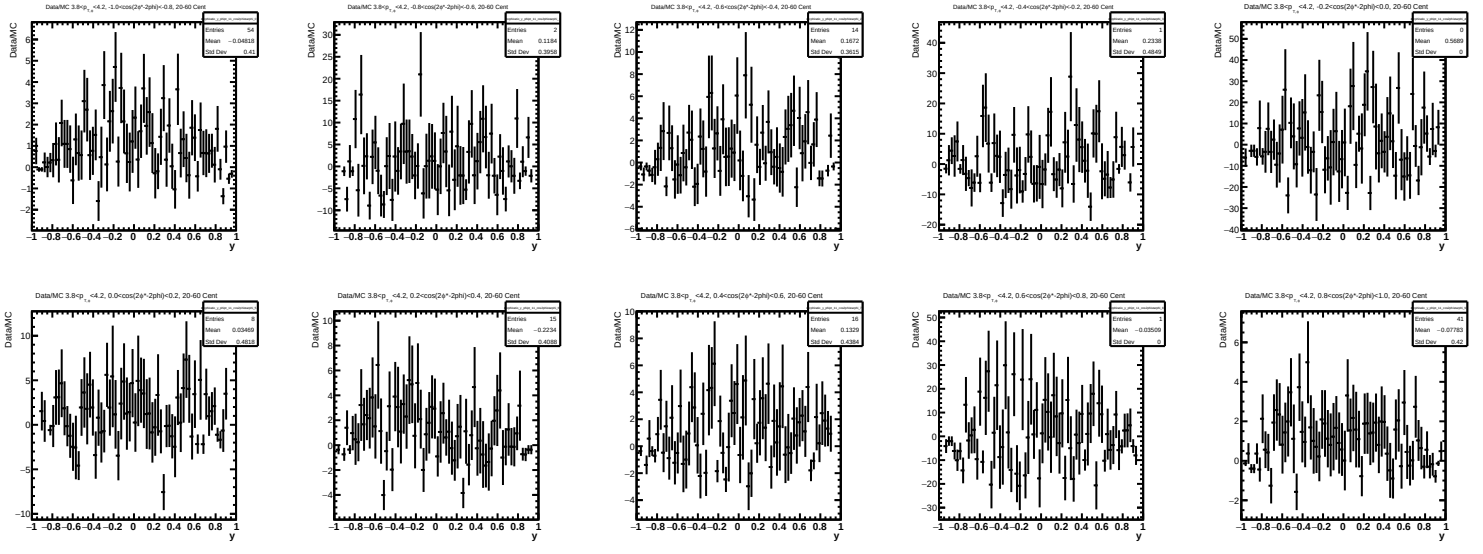

Data/MC 3.0<p_T_h<3.4, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Data/MC
y
Entries 163
Mean −0.03601
Std Dev 0.417


Data/MC 3.0<p_T_h<3.4, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Data/MC
y
Entries 109
Mean 0.005821
Std Dev 0.4094


Data/MC 3.0<p_T_h<3.4, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Data/MC
y
Entries 149
Mean 0.08317
Std Dev 0.4421


Data/MC 3.0<p_T_h<3.4, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Data/MC
y
Entries 395
Mean −0.01363
Std Dev 0.445


Data/MC 3.4<p_T,π<3.8, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 196
Mean 0.02627
Std Dev 0.4272
Data/MC 3.4<p_T,π<3.8, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 90
Mean −0.0526
Std Dev 0.4226
Data/MC 3.4<p_T,π<3.8, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 33
Mean −0.1119
Std Dev 0.364
Data/MC 3.4<p_T,π<3.8, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 79
Mean −0.05135
Std Dev 0.411
Data/MC 3.4<p_T,π<3.8, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 192
Mean 0.02039
Std Dev 0.4712
Data/MC 3.4<p_T,π<3.8, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 48
Mean −0.05979
Std Dev 0.4167
Data/MC 3.4<p_T,π<3.8, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 55
Mean −0.105
Std Dev 0.4403
Data/MC 3.4<p_T,π<3.8, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 17
Mean 0.003296
Std Dev 0.409
Data/MC 3.4<p_T,π<3.8, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 46
Mean −0.04758
Std Dev 0.4043
Data/MC 3.4<p_T,π<3.8, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 183
Mean −0.0765
Std Dev 0.4529
Data/MC
y


Data/MC 3.8<p_T,e<4.2, -1.0<cos(2φ^-2phi)<-0.8, 20-60 Cent
Entries 54
Mean −0.0481
Std Dev 0.41
Data/MC 3.8<p_T,e<4.2, -0.8<cos(2φ^-2phi)<-0.6, 20-60 Cent
Entries 2
Mean 0.1184
Std Dev 0.3938
Data/MC 3.8<p_T,e<4.2, -0.6<cos(2φ^-2phi)<-0.4, 20-60 Cent
Entries 14
Mean 0.1672
Std Dev 0.3615
Data/MC 3.8<p_T,e<4.2, -0.4<cos(2φ^-2phi)<-0.2, 20-60 Cent
Entries 2
Mean 0.2338
Std Dev 0.4649
Data/MC 3.8<p_T,e<4.2, -0.2<cos(2φ^-2phi)<0.0, 20-60 Cent
Entries 0
Mean 0.5689
Std Dev 0
Data/MC 3.8<p_T,e<4.2, 0.0<cos(2φ^-2phi)<0.2, 20-60 Cent
Entries 8
Mean 0.03469
Std Dev 0.4818
Data/MC 3.8<p_T,e<4.2, 0.2<cos(2φ^-2phi)<0.4, 20-60 Cent
Entries 15
Mean −0.2234
Std Dev 0.4088
Data/MC 3.8<p_T,e<4.2, 0.4<cos(2φ^-2phi)<0.6, 20-60 Cent
Entries 16
Mean 0.1329
Std Dev 0.4384
Data/MC 3.8<p_T,e<4.2, 0.6<cos(2φ^-2phi)<0.8, 20-60 Cent
Entries 1
Mean −0.03509
Std Dev 0
Data/MC 3.8<p_T,e<4.2, 0.8<cos(2φ^-2phi)<1.0, 20-60 Cent
Entries 41
Mean −0.07783
Std Dev 0.42
Data/MC
y