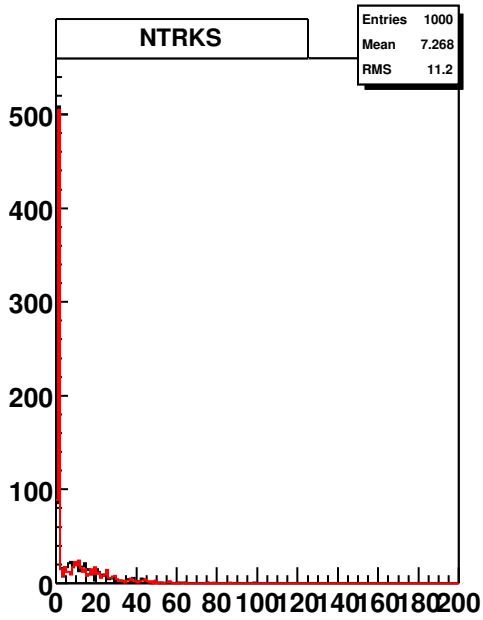
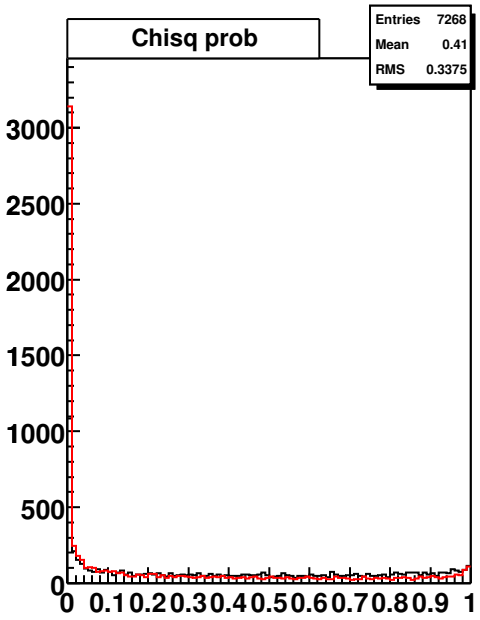
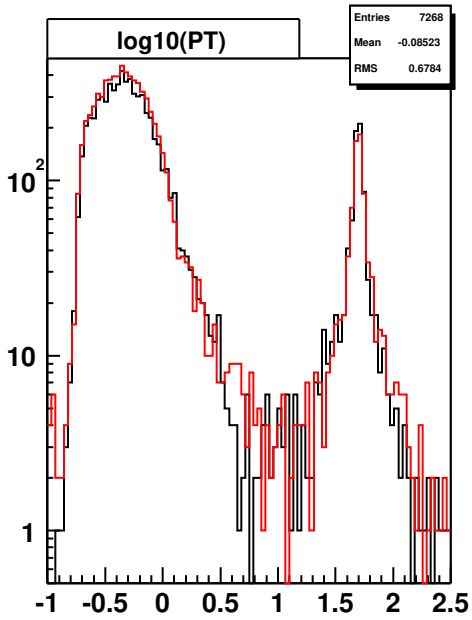
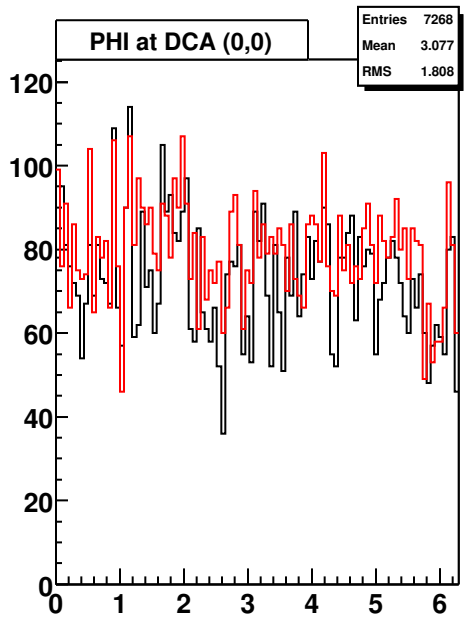
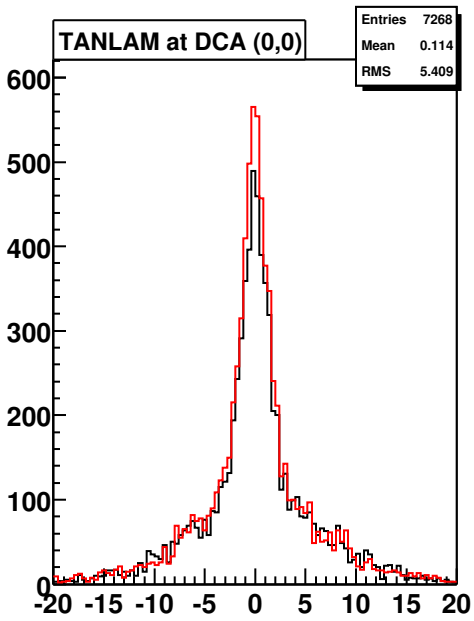
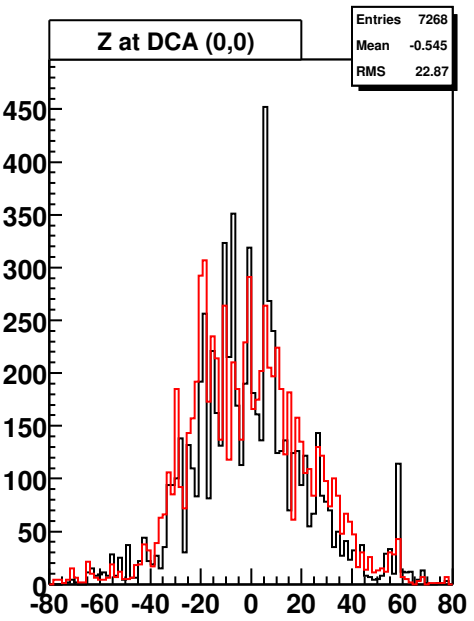

NTRKS
Entries 1000
Mean 7.268
RMS 11.2

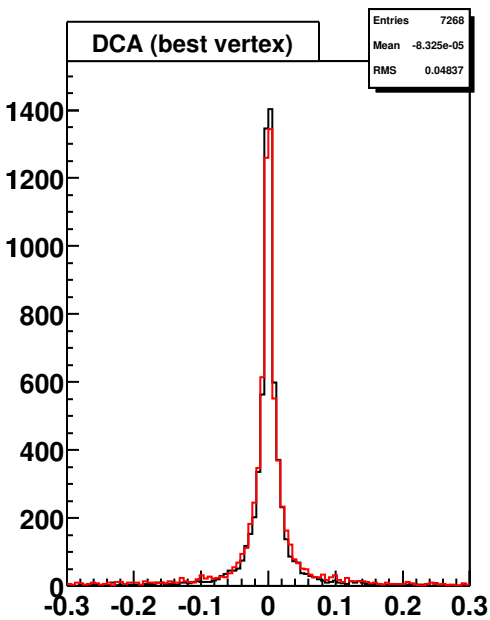

Chisq prob
Entries 7268
Mean 0.41
RMS 0.3375

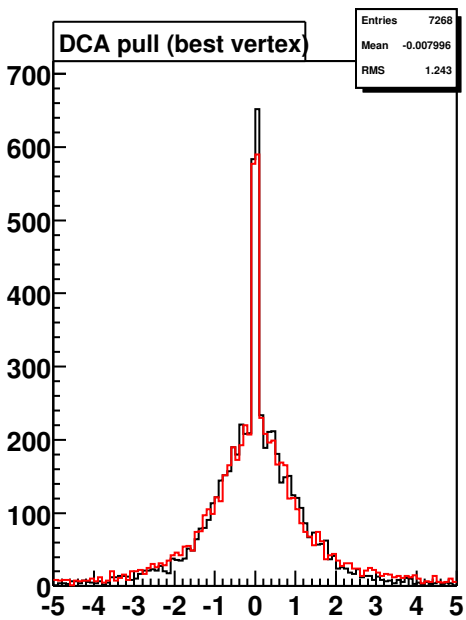

log10(PT)
Entries 7268
Mean -0.08523
RMS 0.6784


PHI at DCA (0,0)
Entries 7268
Mean 3.077
RMS 1.808

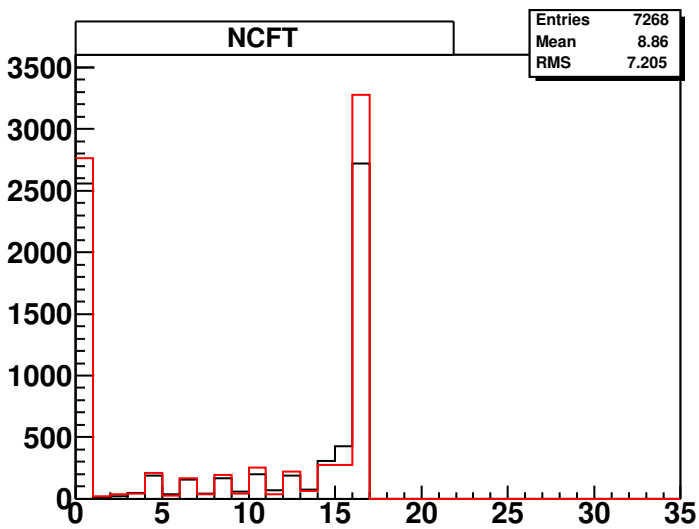

TANLAM at DCA (0,0)
Entries 7268
Mean 0.114
RMS 5.409

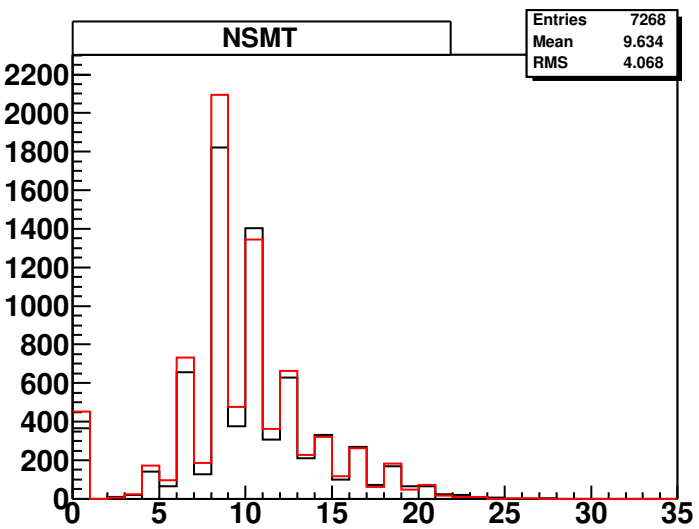

Z at DCA (0,0)
Entries 7268
Mean -0.545
RMS 22.87

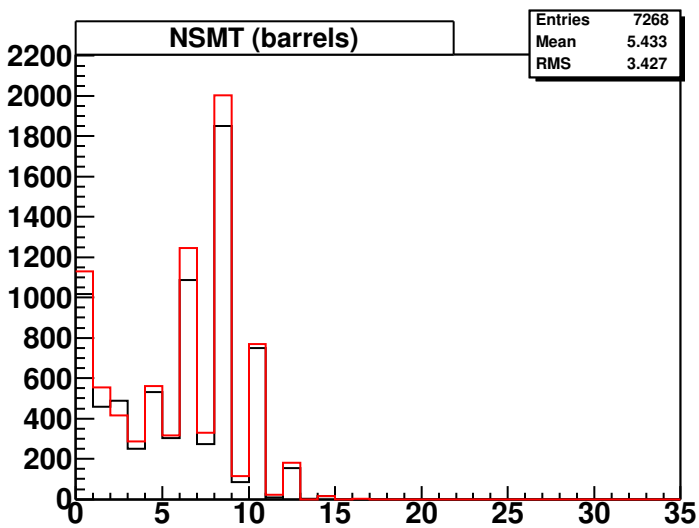

DCA (best vertex)
Entries 7268
Mean -8.325e-05
RMS 0.04837

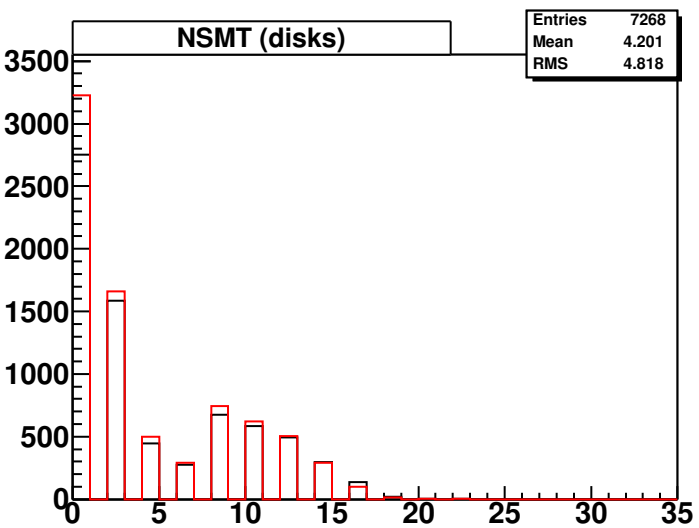

DCA pull (best vertex)
Entries 7268
Mean -0.007996
RMS 1.243

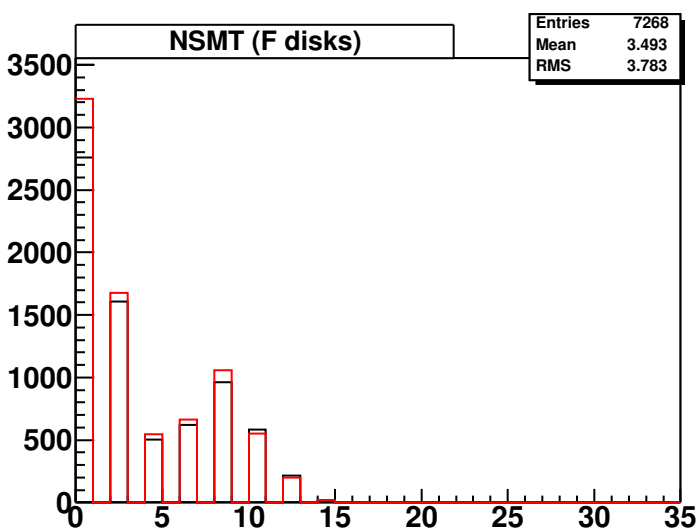
Tracks (All)

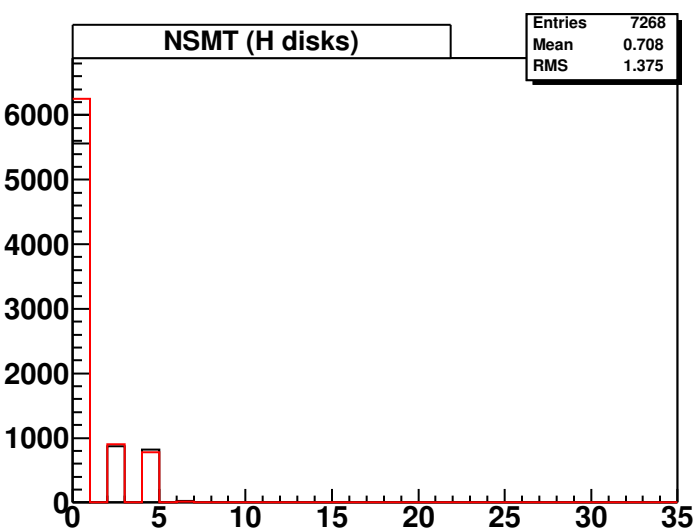




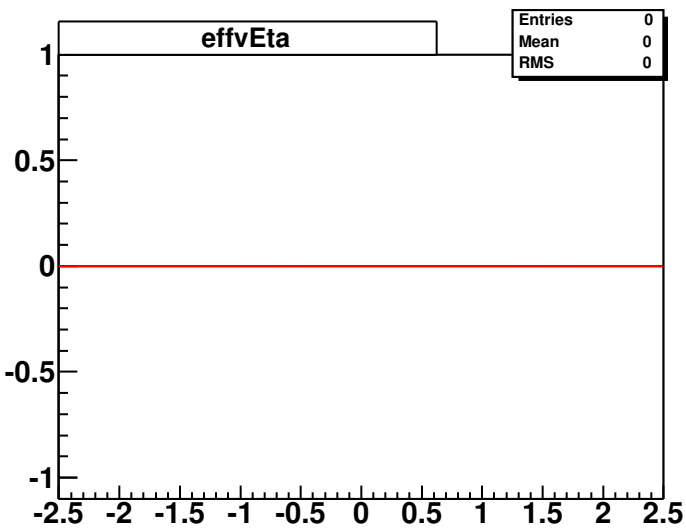


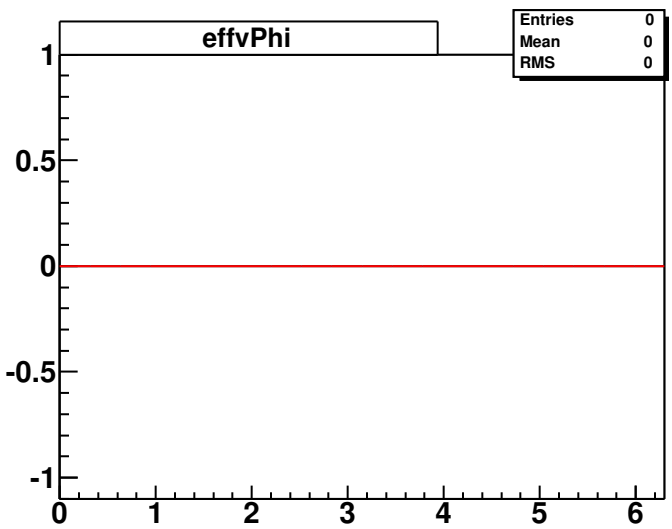


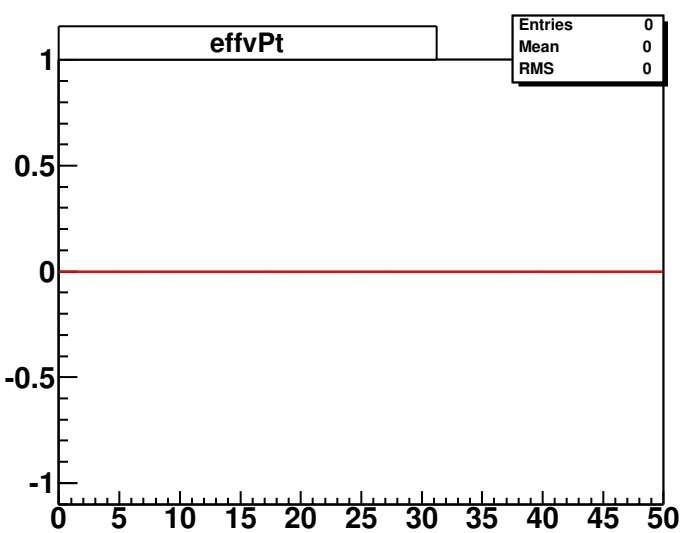


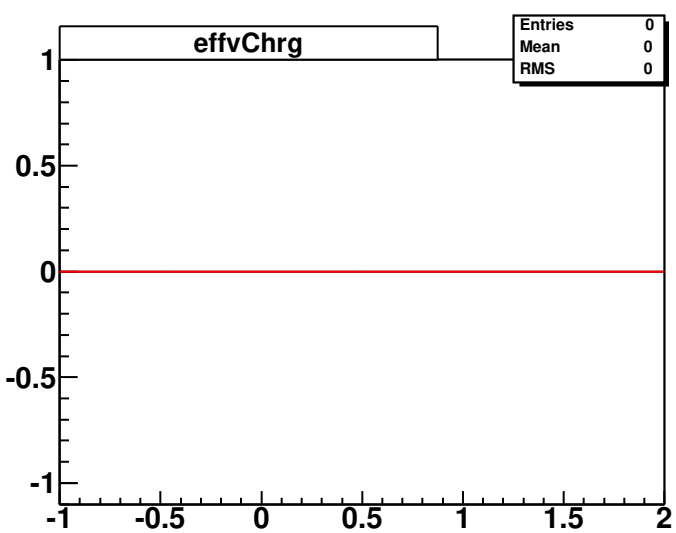


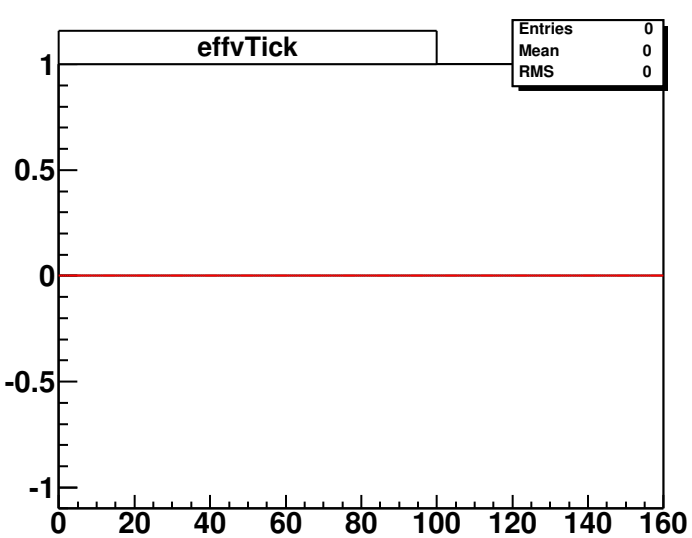
Track Hits (All)

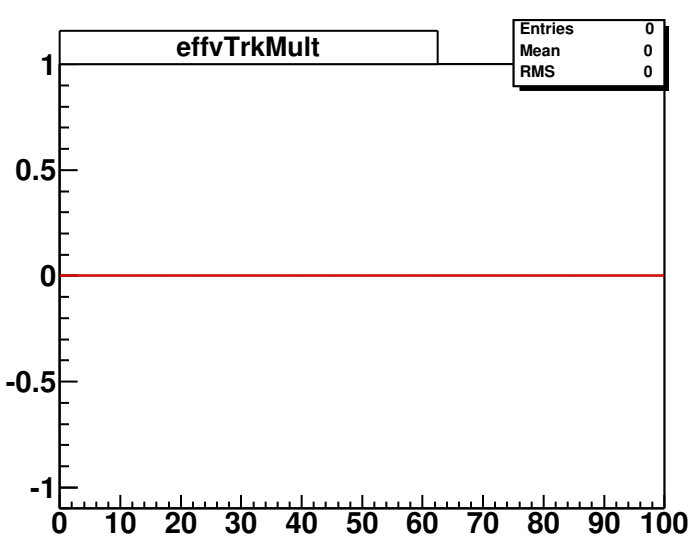




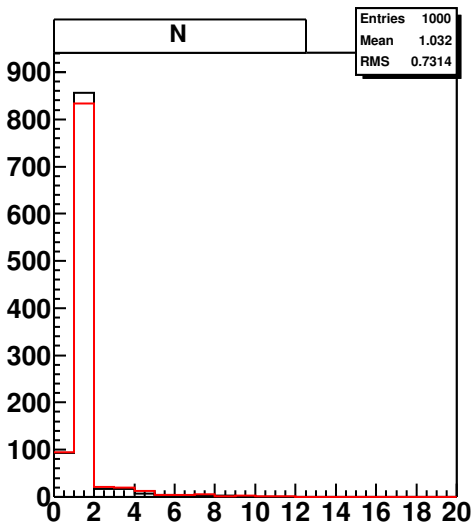


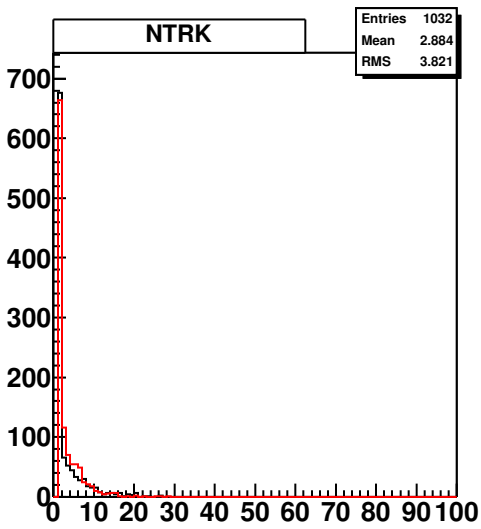


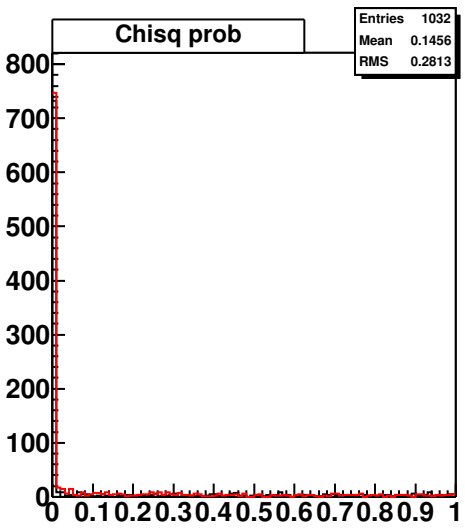


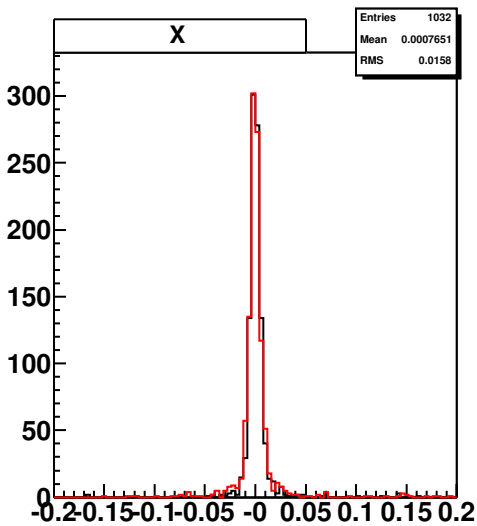


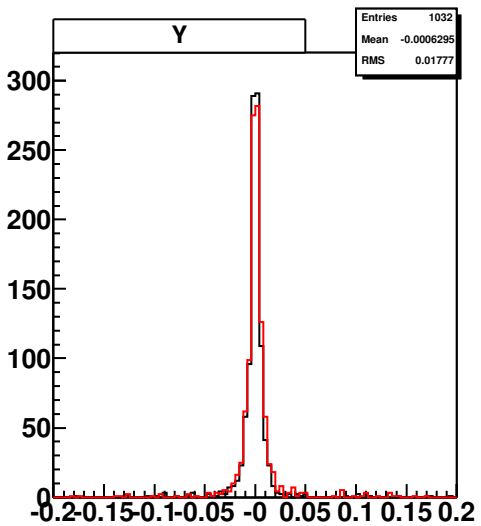
Tracking (Efficiency)

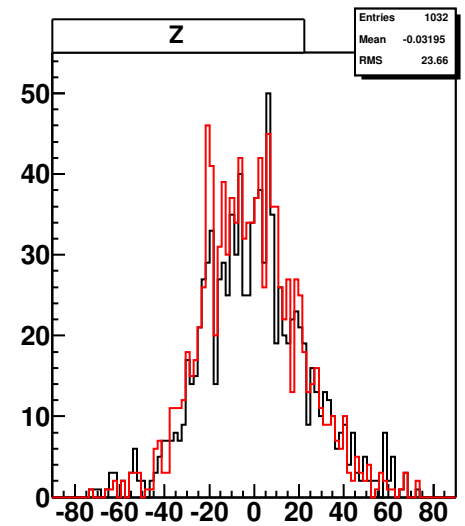


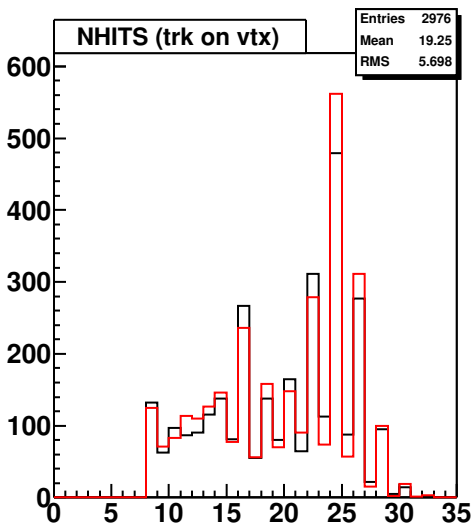


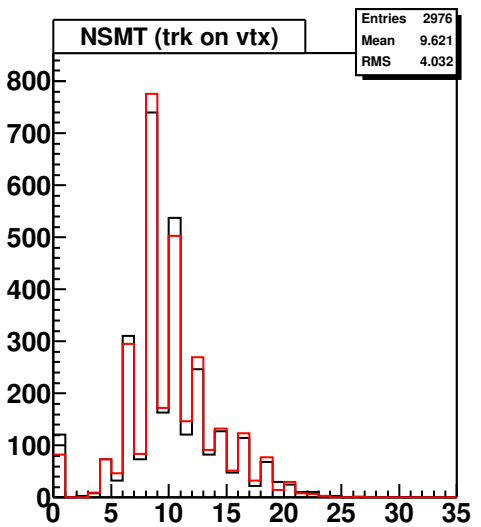


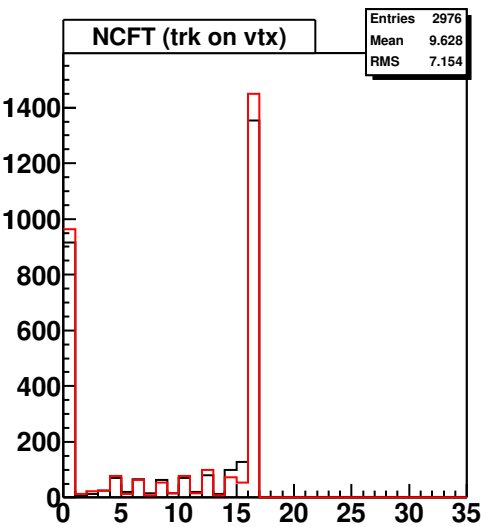




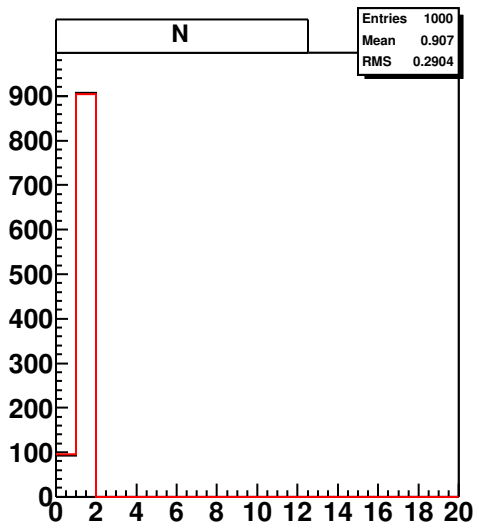


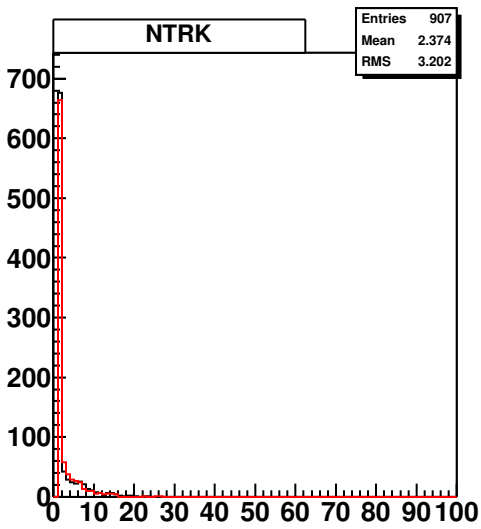


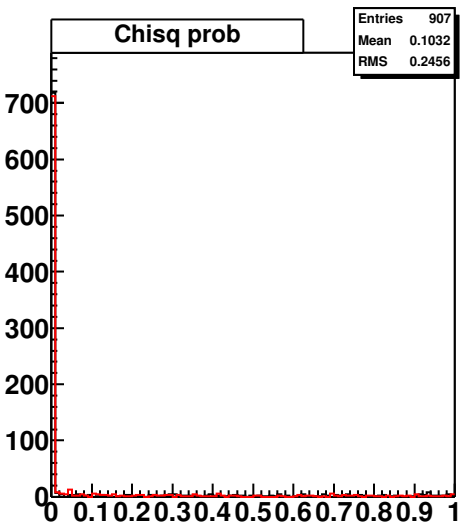


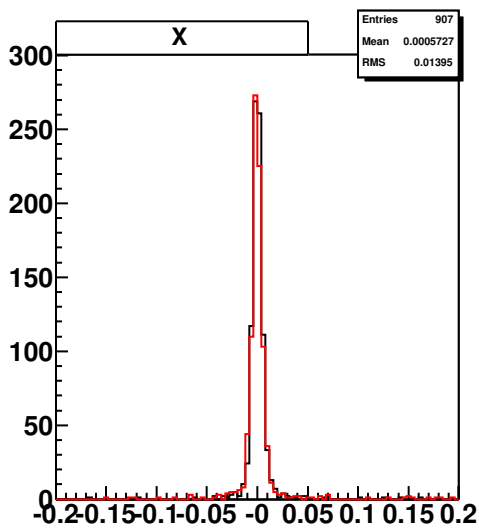


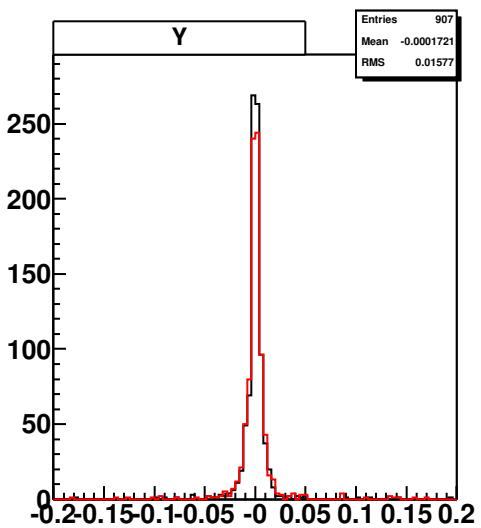
Vertices (Primary - all candidates)

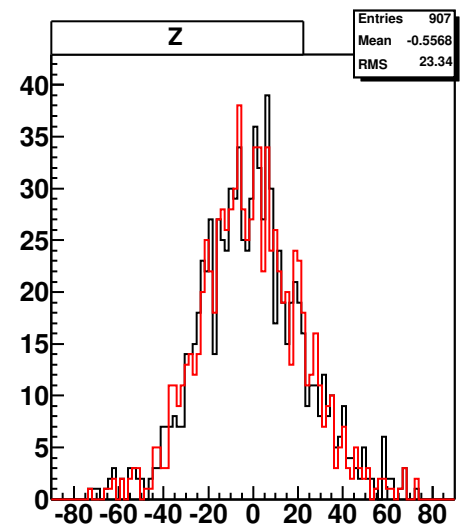


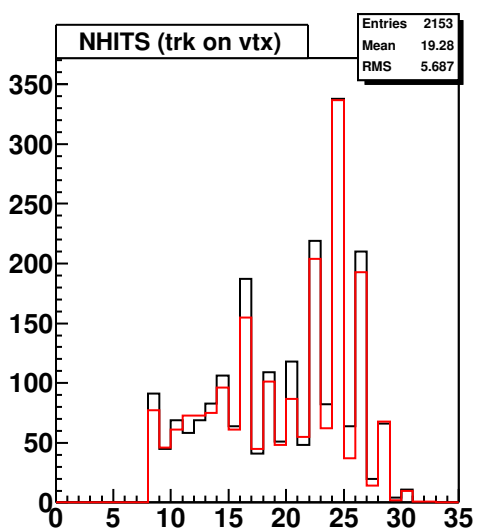


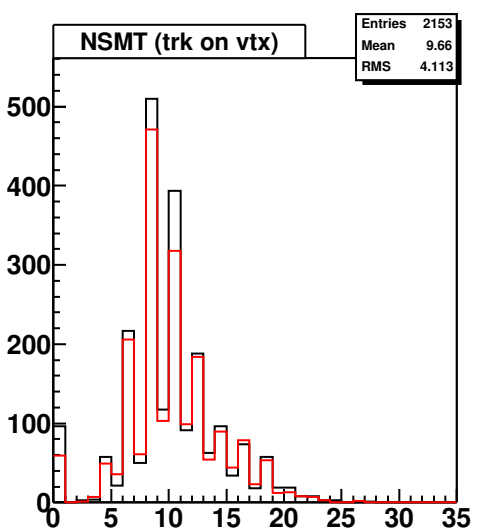


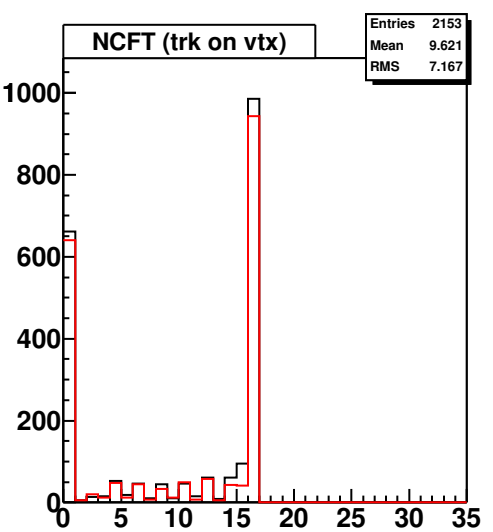




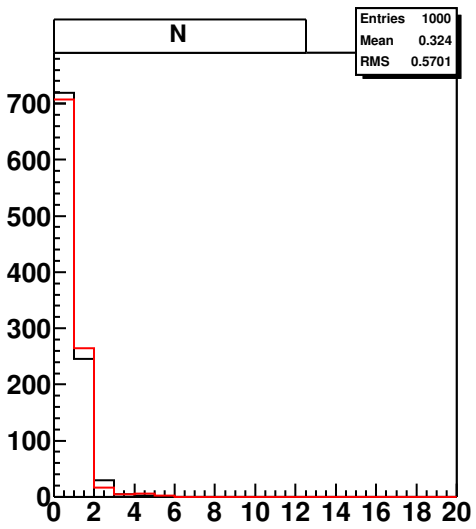


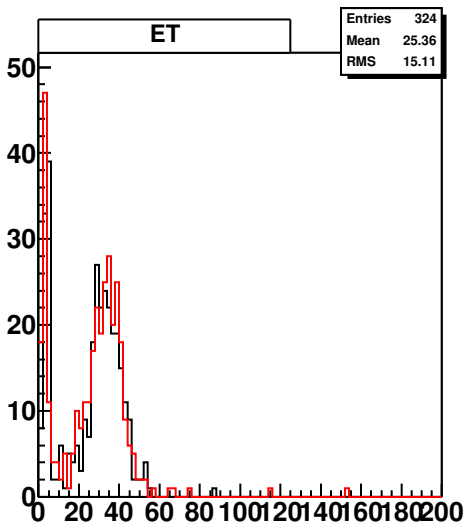


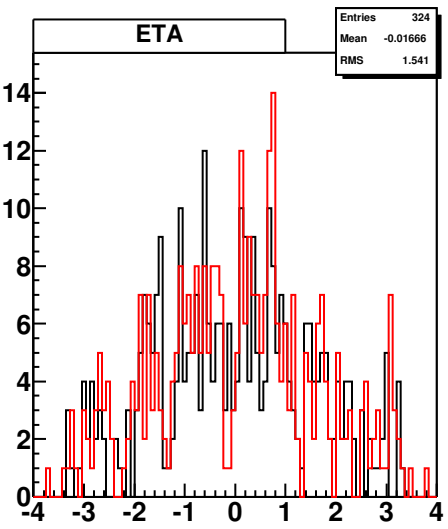


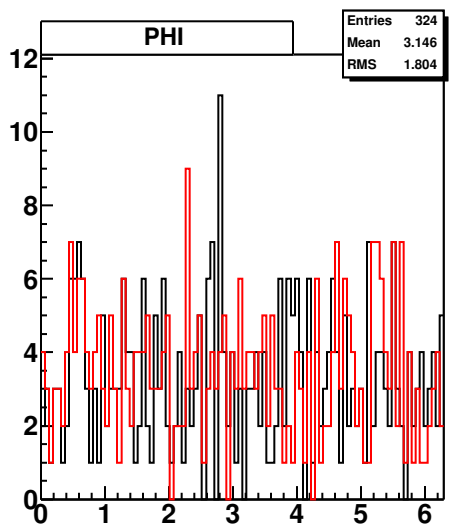


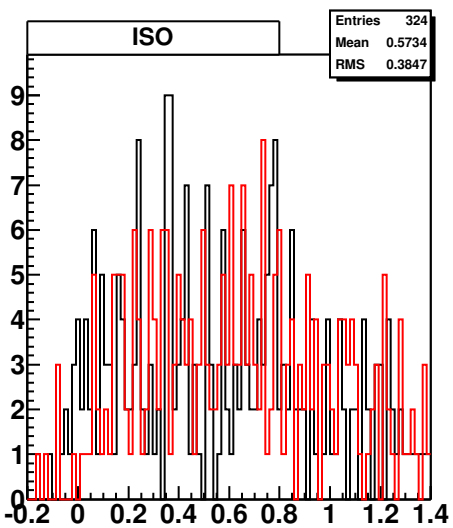
Vertices (Primary - best)

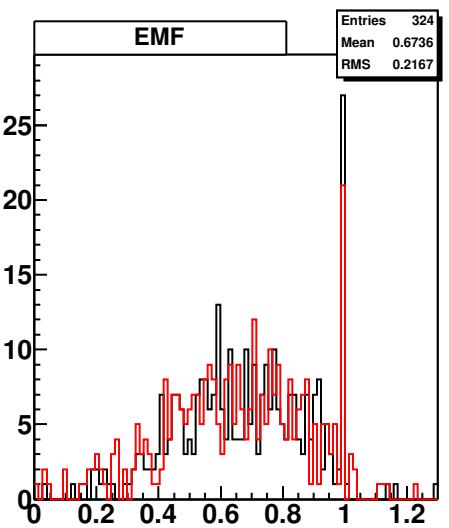


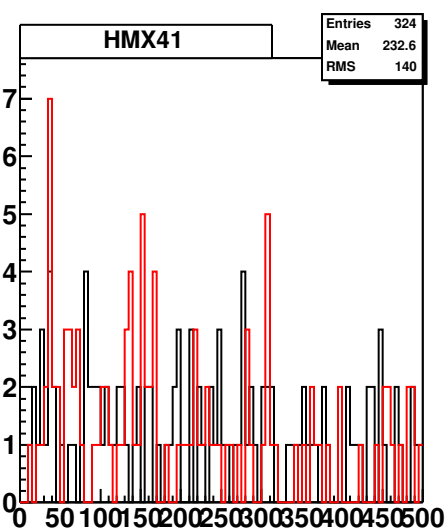


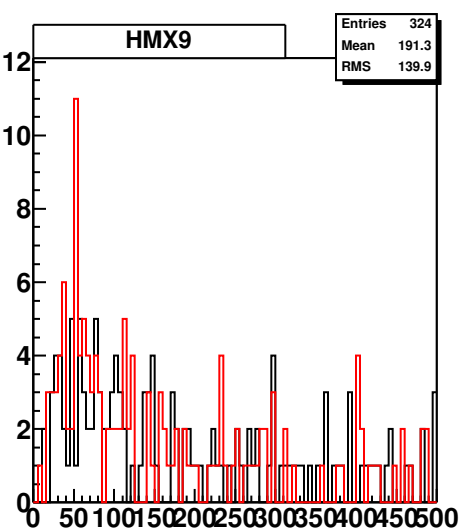


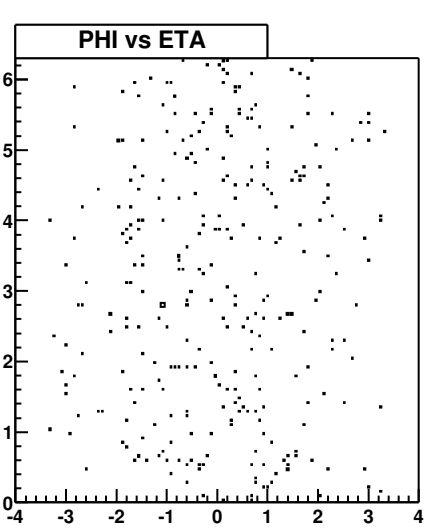




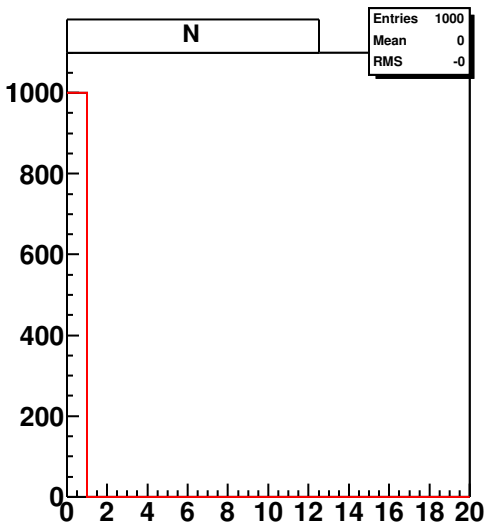


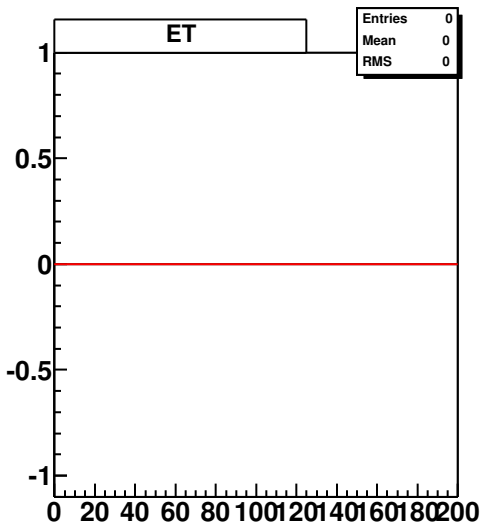


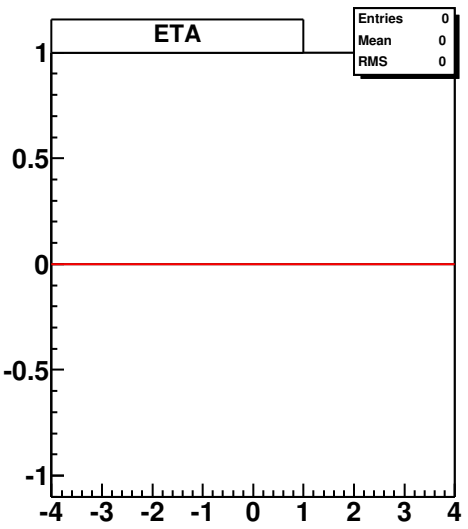


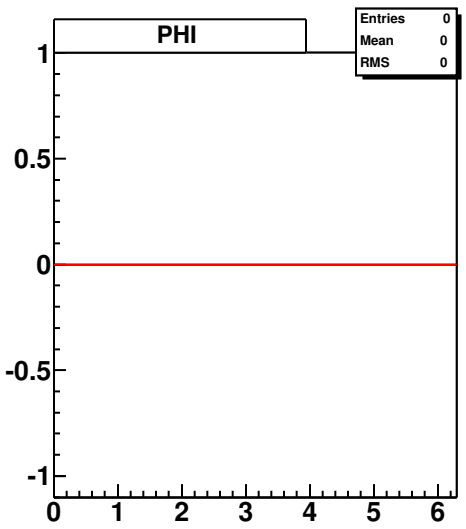


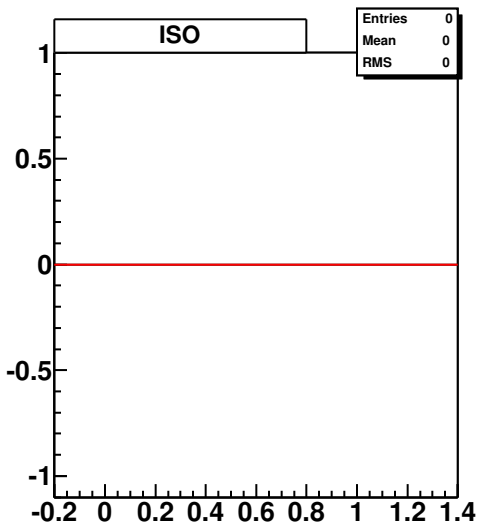
Electrons (SCONE All)

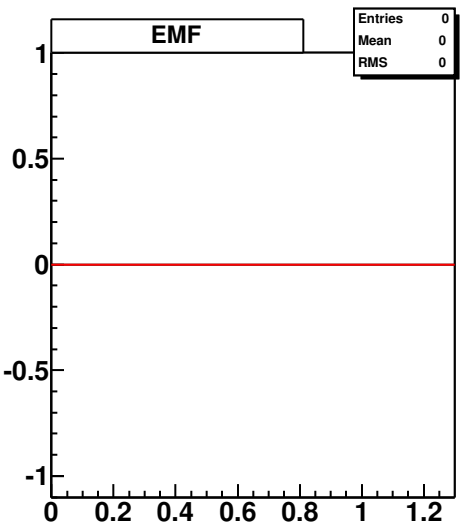


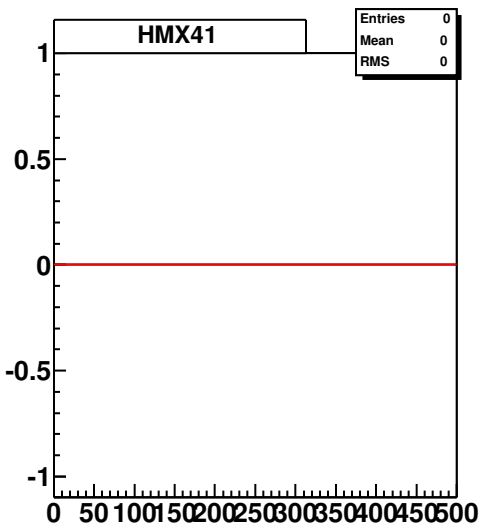


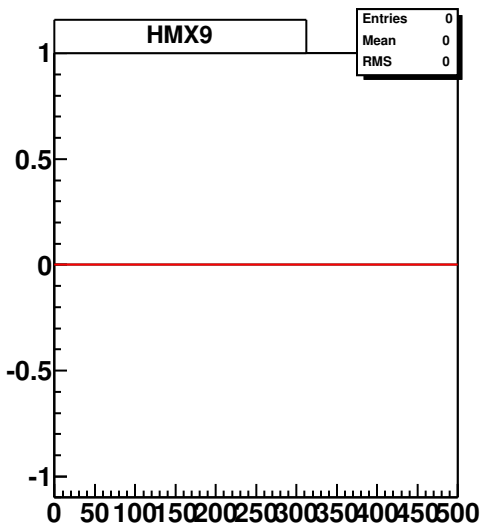


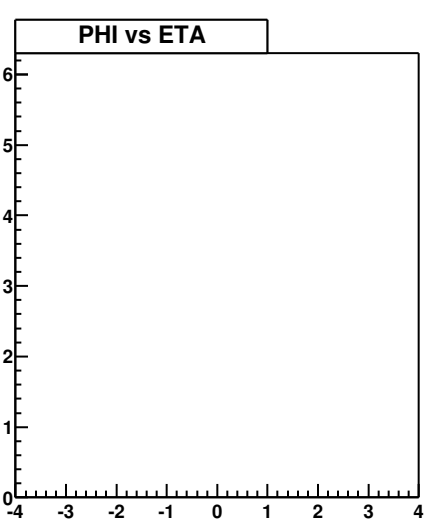




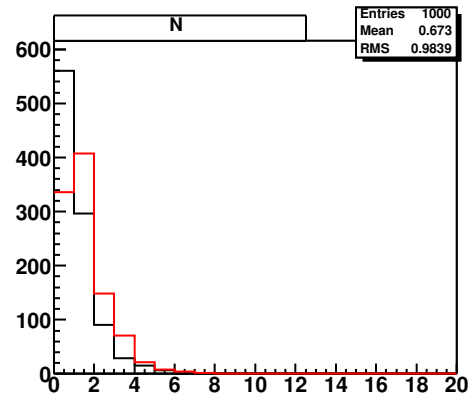


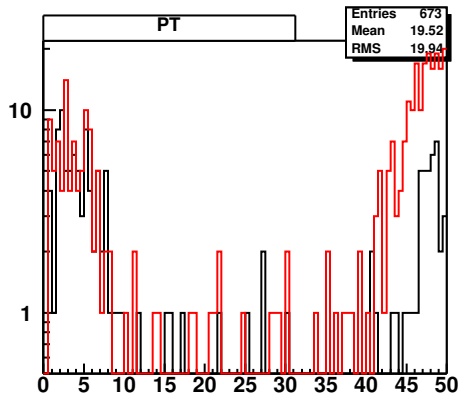


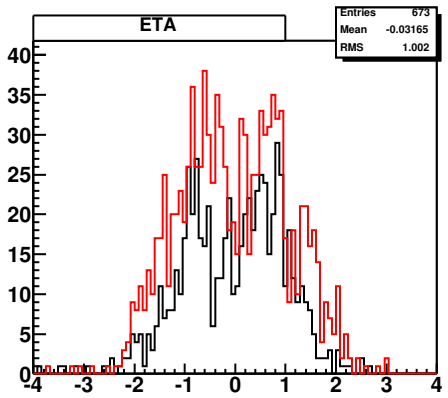


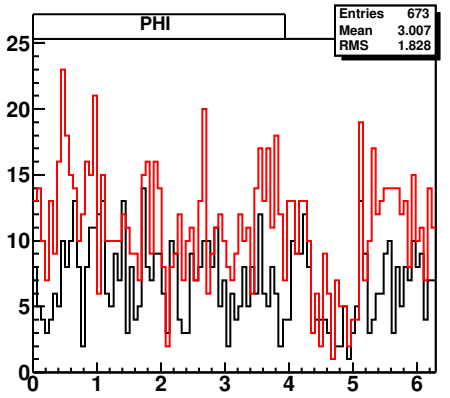


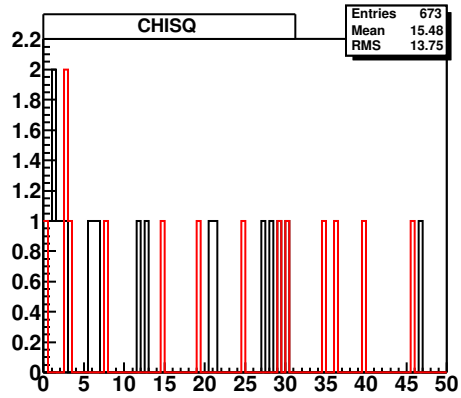
Electrons (SCONE Tight)

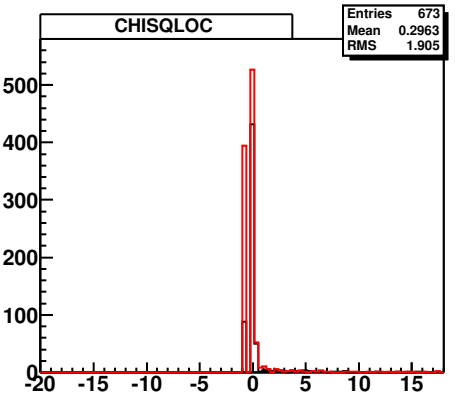

N
Entries 1000
Mean 0.673
RMS 0.9839

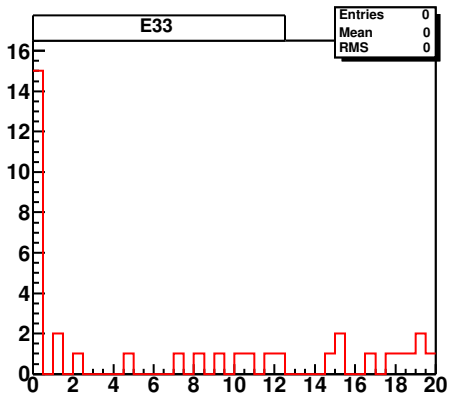

PT
Entries 673
Mean 19.52
RMS 19.94

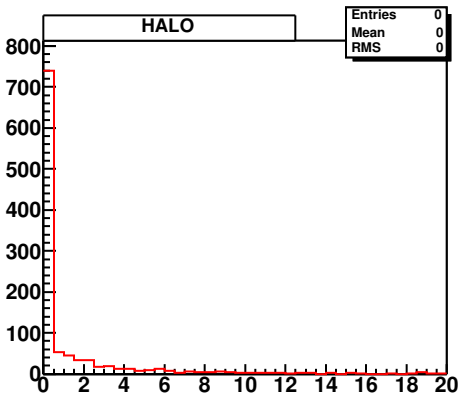

ETA
Entries 673
Mean -0.03165
RMS 1.002

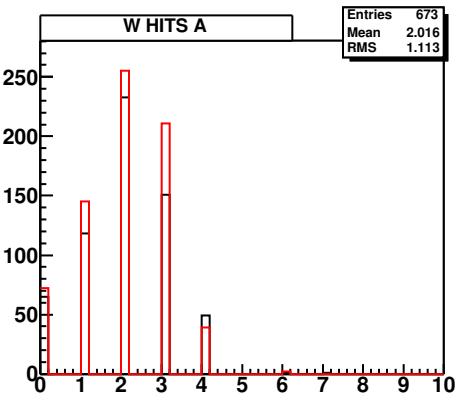

PHI
Entries 673
Mean 3.007
RMS 1.828

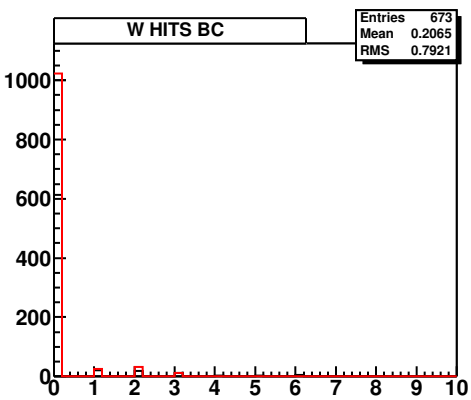

CHISQ
Entries 673
Mean 15.48
RMS 13.75

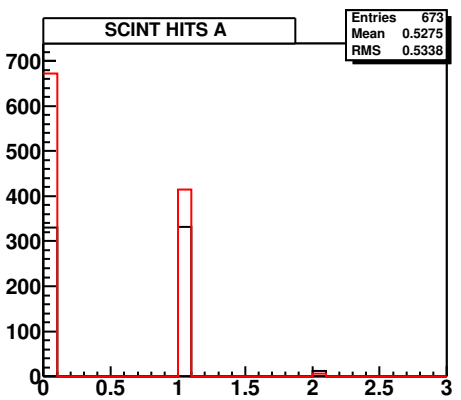

CHISQLOC
Entries 673
Mean 0.2963
RMS 1.905

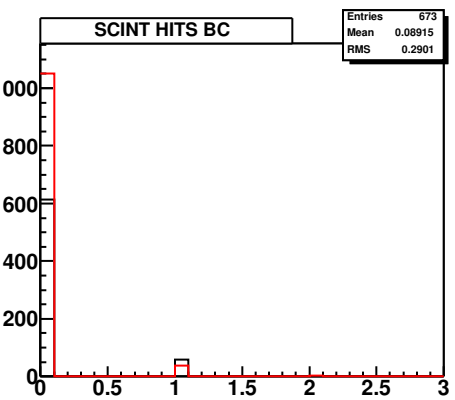

E33
Entries 0
Mean 0
RMS 0


HALO
Entries 0
Mean 0
RMS 0

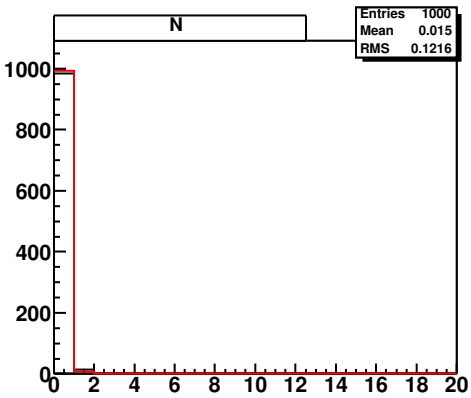

W HITS A
Entries 673
Mean 2.016
RMS 1.113

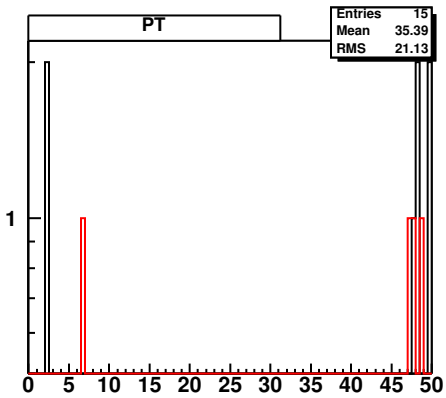

W HITS BC
Entries 673
Mean 0.2065
RMS 0.7921

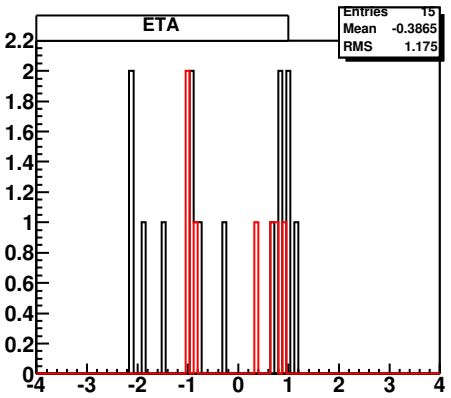

SCINT HITS A
Entries 673
Mean 0.5275
RMS 0.5338

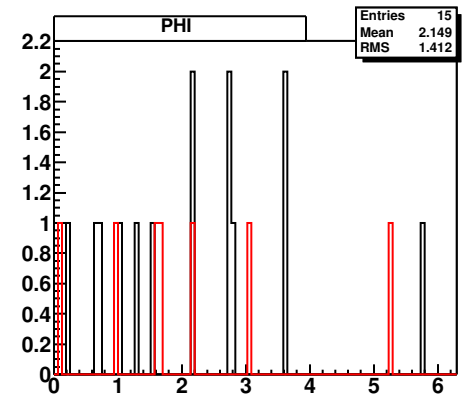

SCINT HITS BC
Entries 673
Mean 0.08915
RMS 0.2901

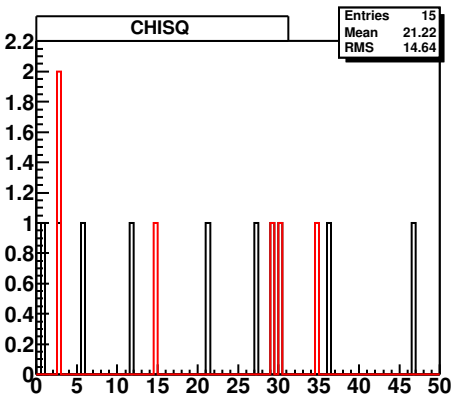
Muons (All)

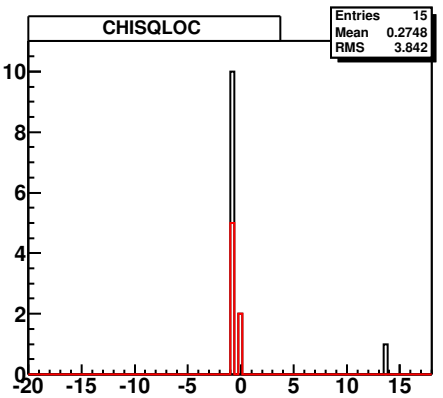


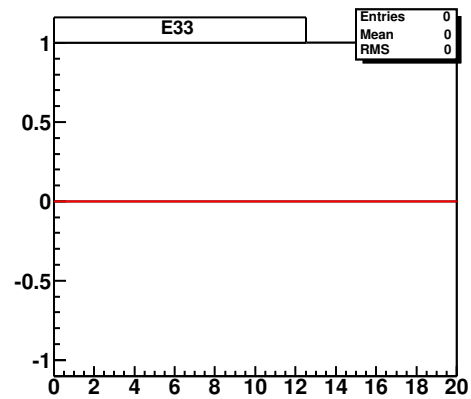


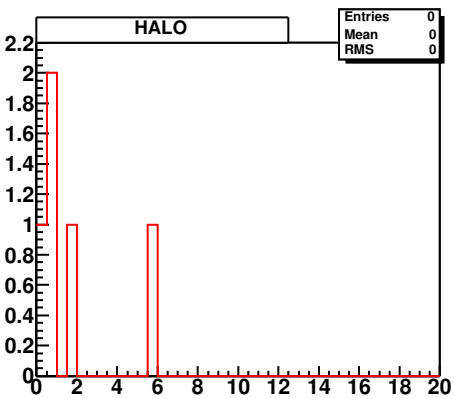


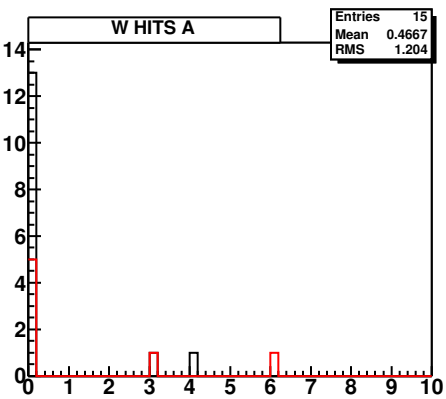


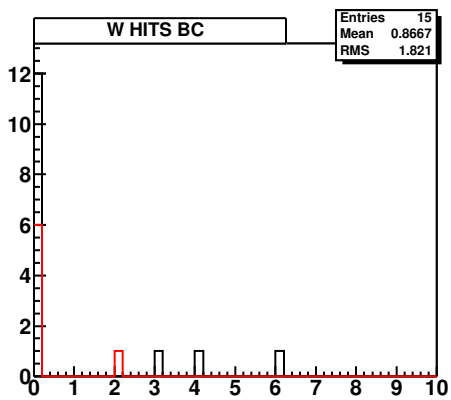


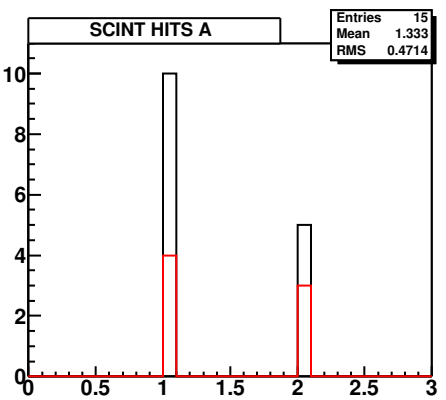


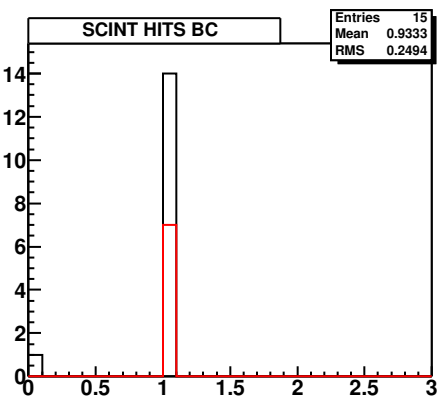




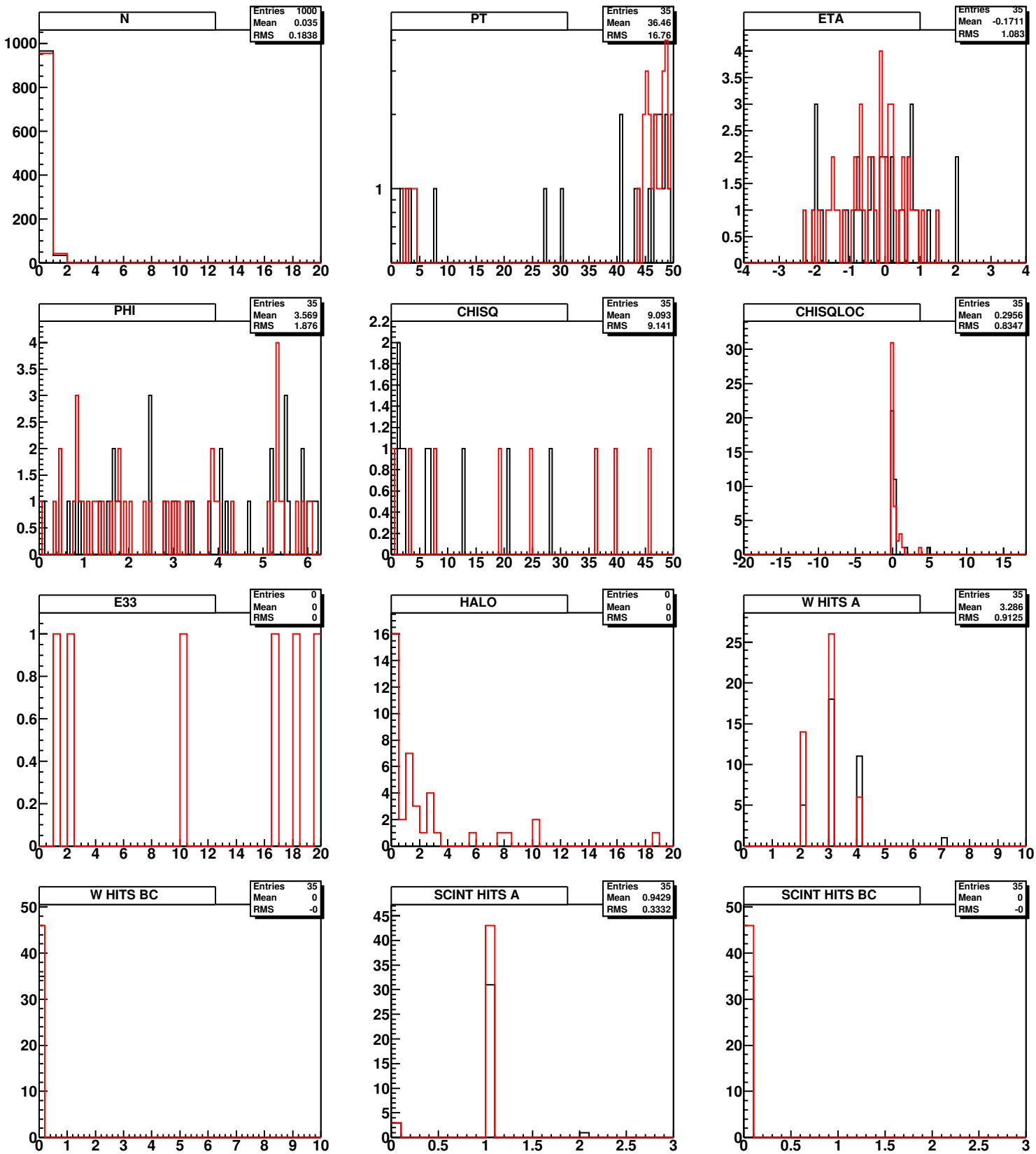




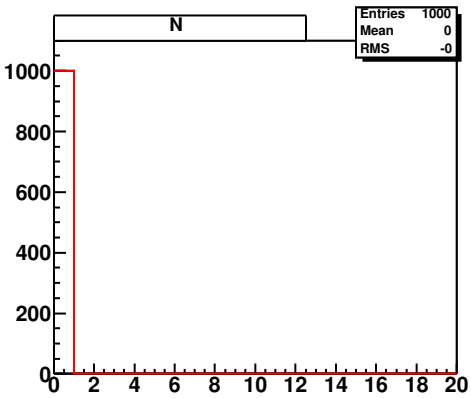


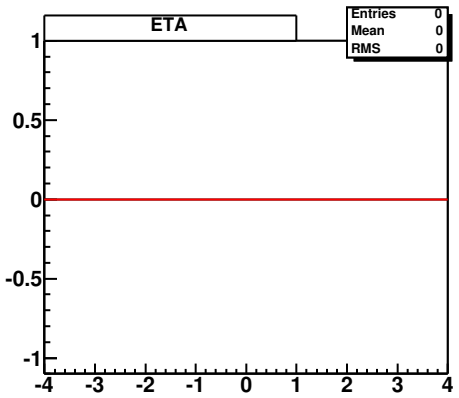


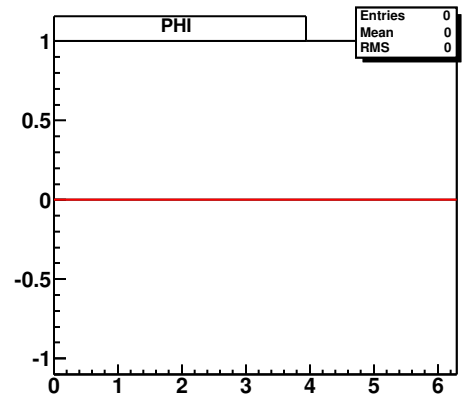
Muons (Matched)

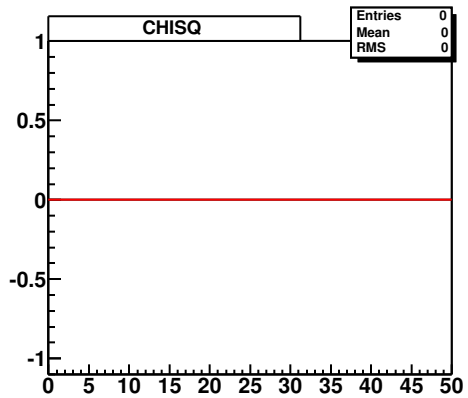

N
Entries 1000
Mean 0.035
RMS 0.1838
PT
Entries 35
Mean 36.46
RMS 16.76
ETA
Entries 35
Mean -0.1711
RMS 1.083
PHI
Entries 35
Mean 3.569
RMS 1.876
CHISQ
Entries 35
Mean 9.093
RMS 9.141
CHISQLOC
Entries 35
Mean 0.2956
RMS 0.8347
E33
Entries 0
Mean 0
RMS 0
HALO
Entries 0
Mean 0
RMS 0
W HITS A
Entries 35
Mean 3.286
RMS 0.9125
W HITS BC
Entries 35
Mean 0
RMS -0
SCINT HITS A
Entries 35
Mean 0.9429
RMS 0.3332
SCINT HITS BC
Entries 35
Mean 0
RMS -0

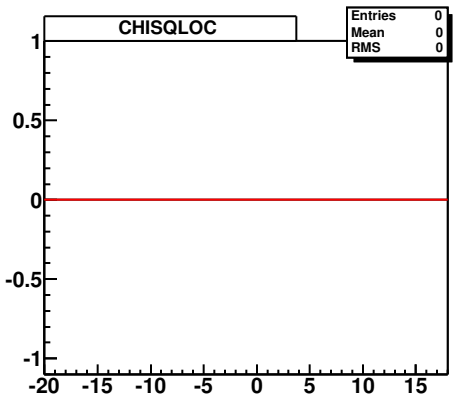
Muons (Astub)

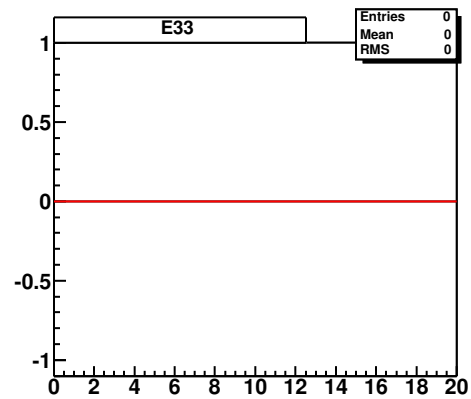


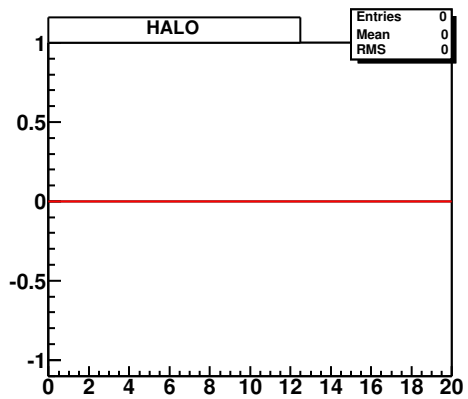


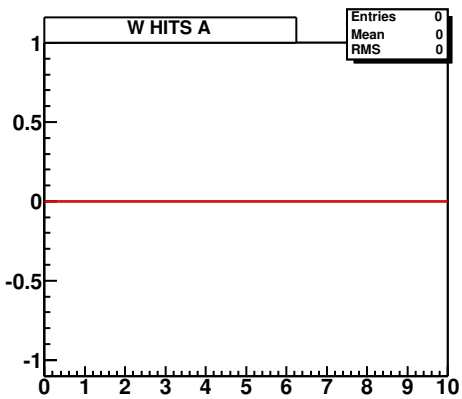


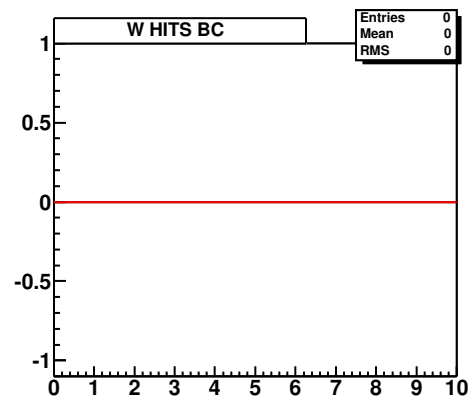


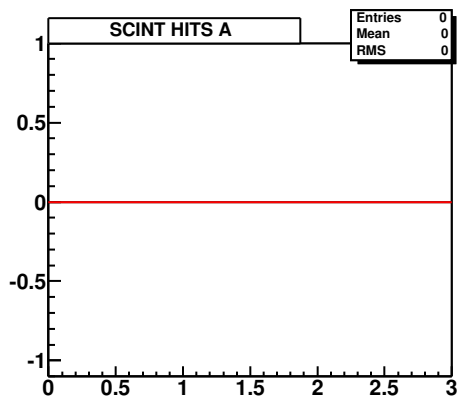


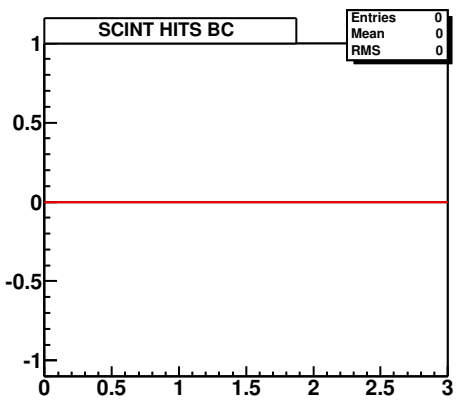




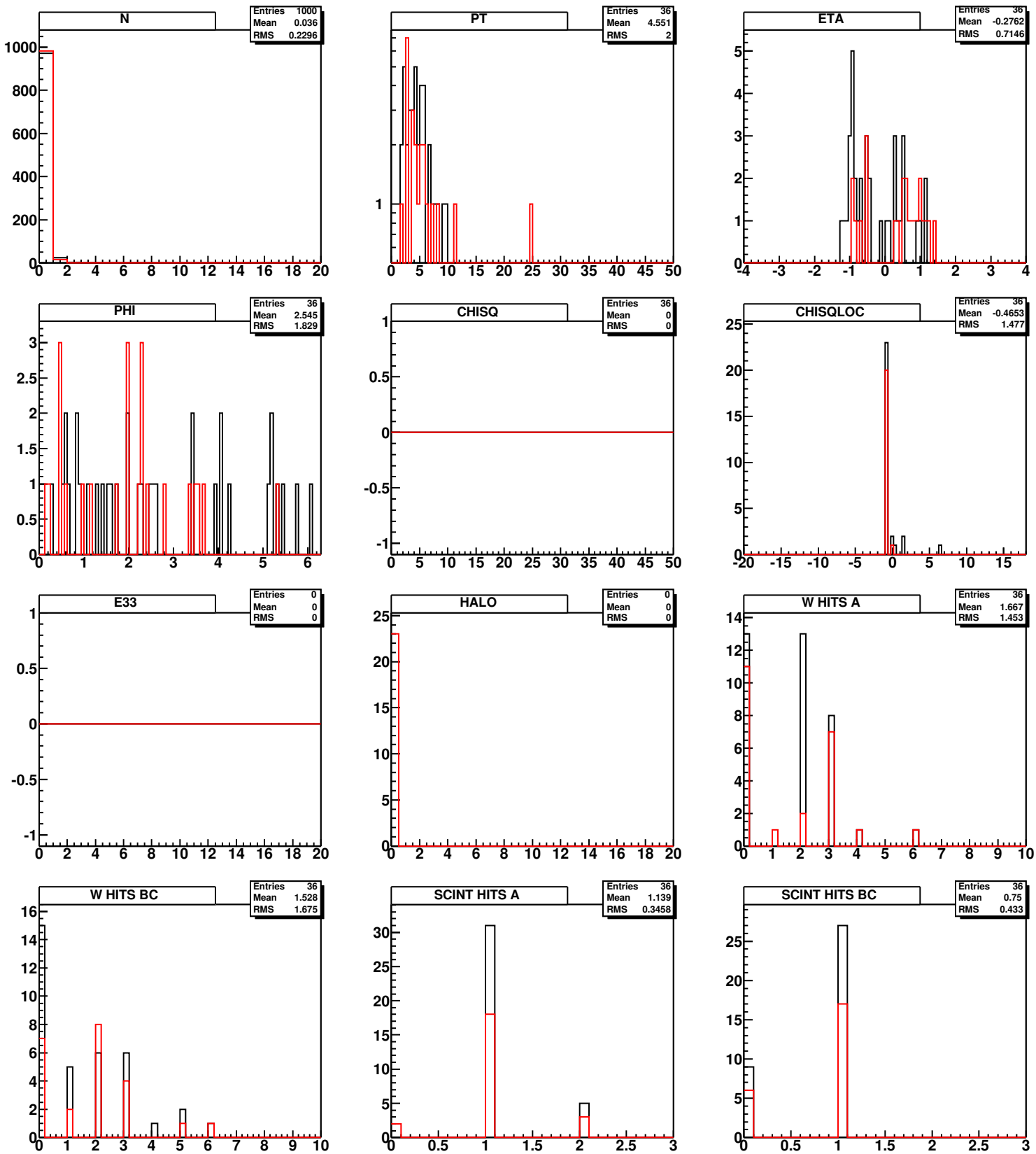




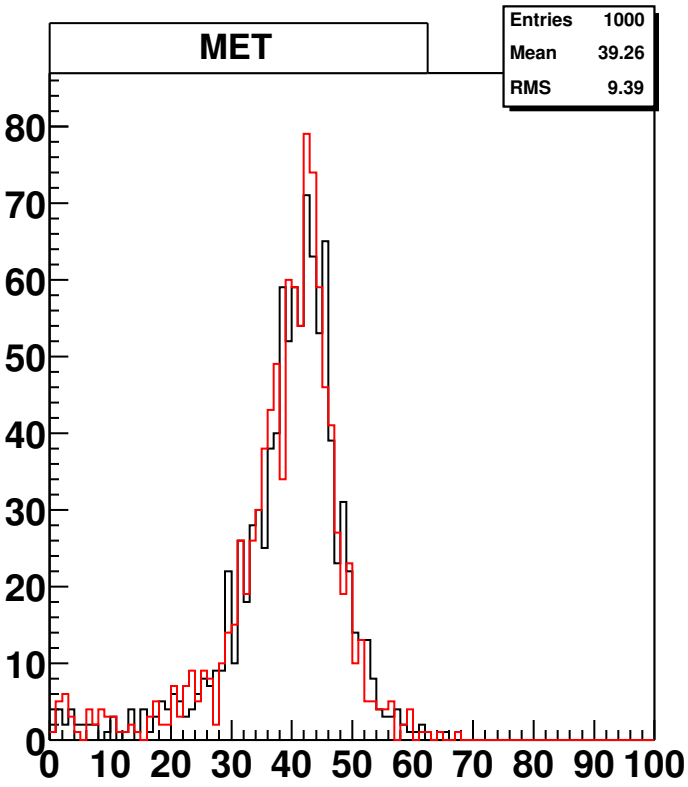


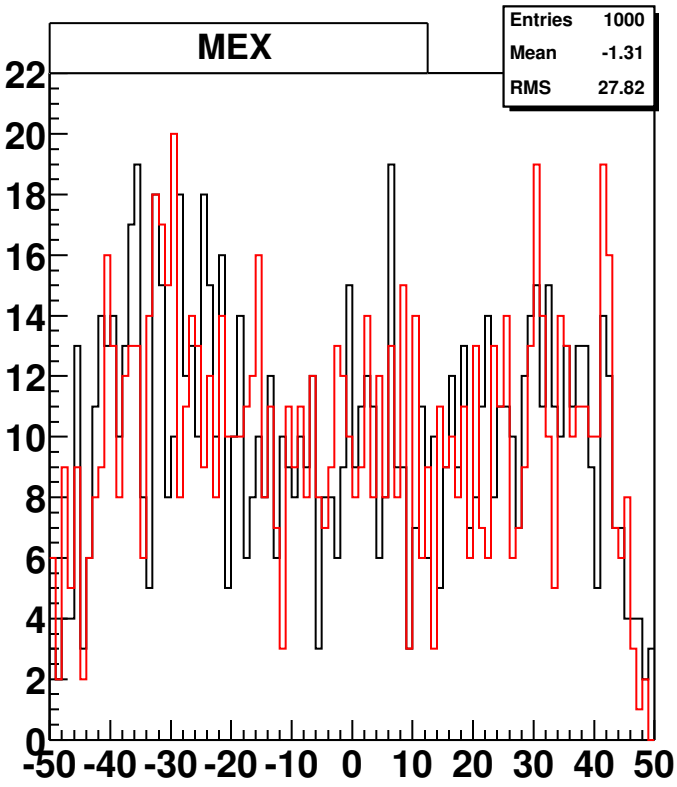


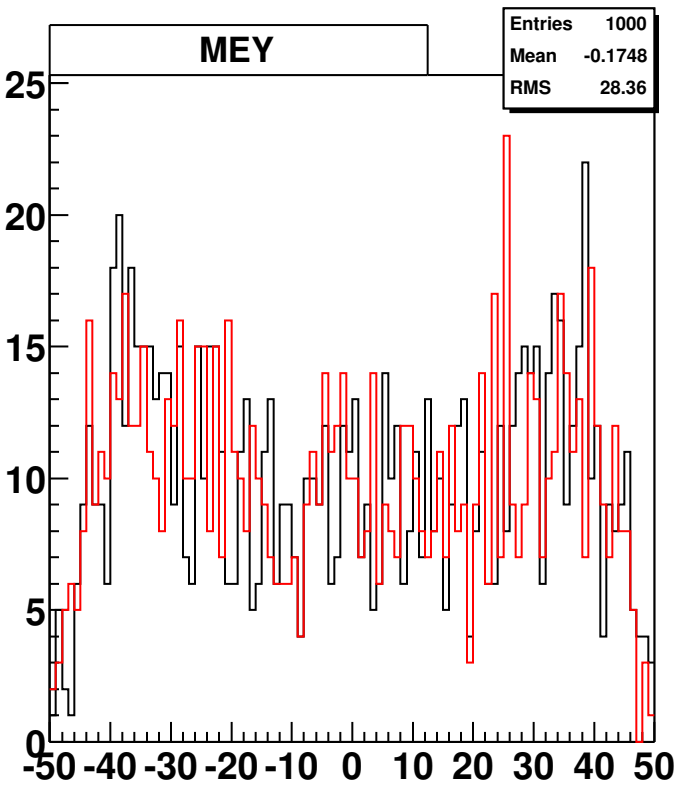
Muons (BCstub)



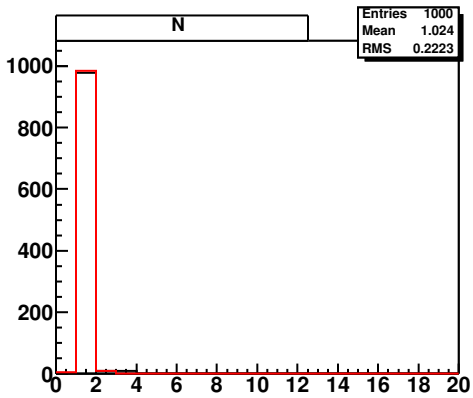
Muons (Unmatched)

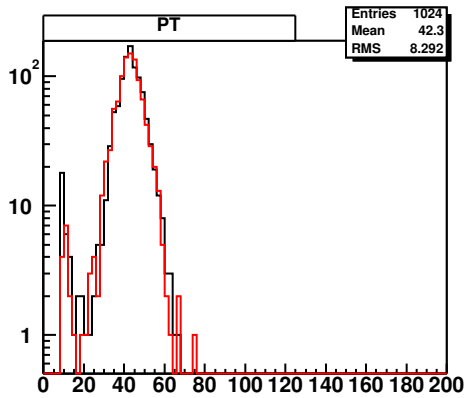

MET
Entries 1000
Mean 39.26
RMS 9.39
0 10 20 30 40 50 60 70 80
0 10 20 30 40 50 60 70 80 90 100

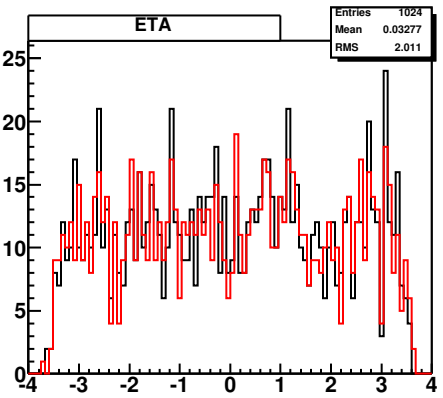

MEX
Entries 1000
Mean -1.31
RMS 27.82
0 2 4 6 8 10 12 14 16 18 20 22
-50 -40 -30 -20 -10 0 10 20 30 40 50

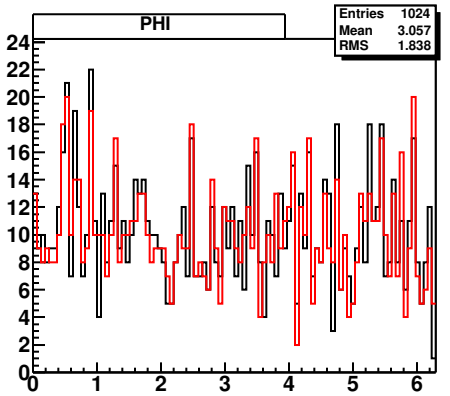

MEY
Entries 1000
Mean -0.1748
RMS 28.36
0 5 10 15 20 25
-50 -40 -30 -20 -10 0 10 20 30 40 50

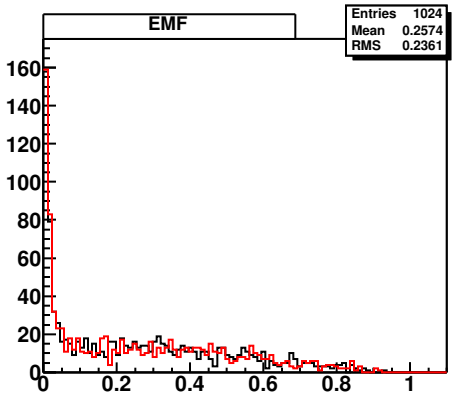
Met (No cuts)

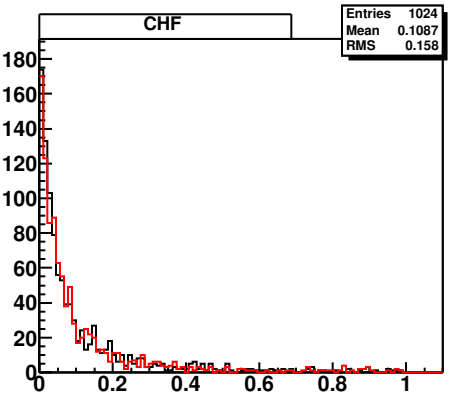


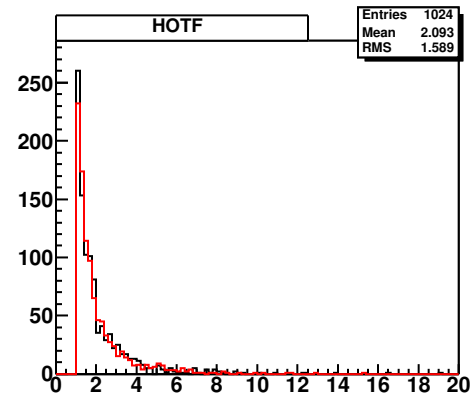


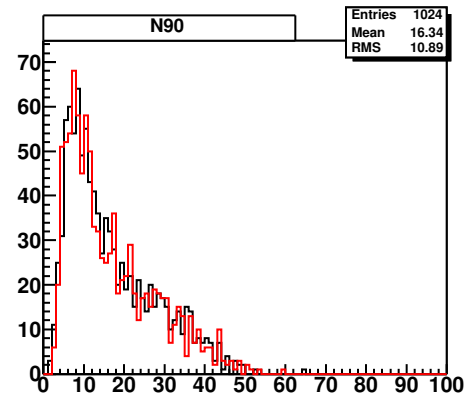


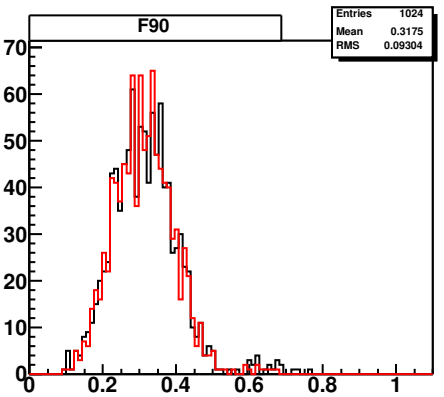


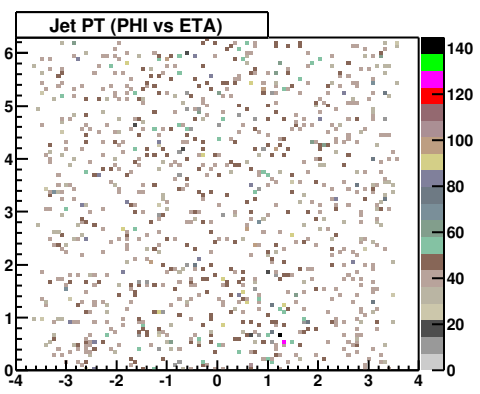




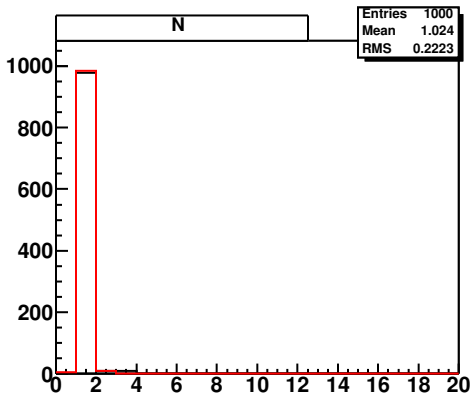


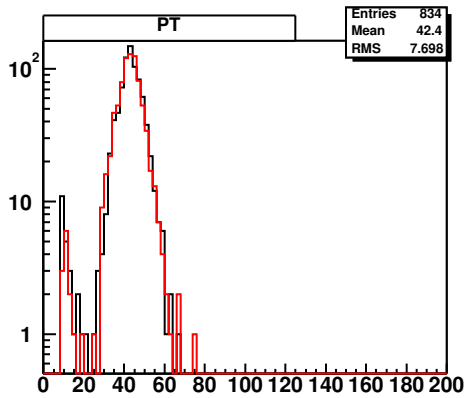


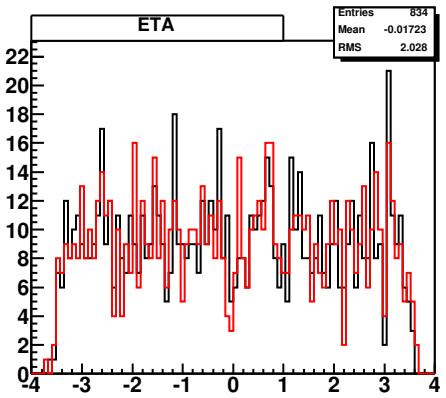


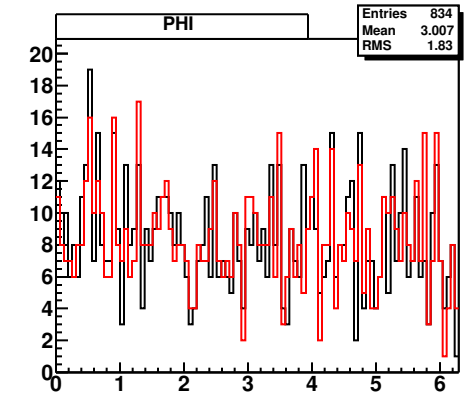


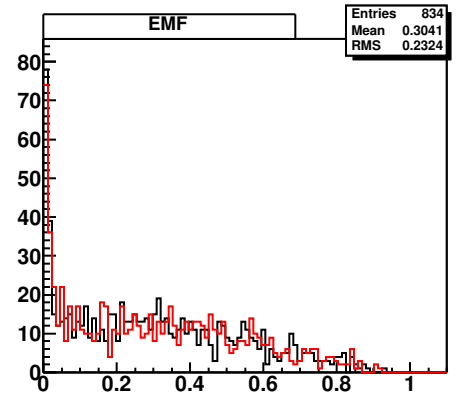
Jets (Cone R=0.7 - no cuts)

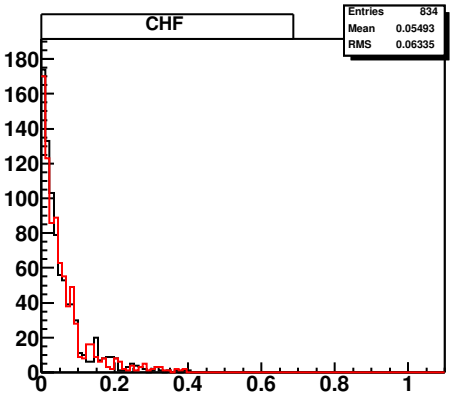


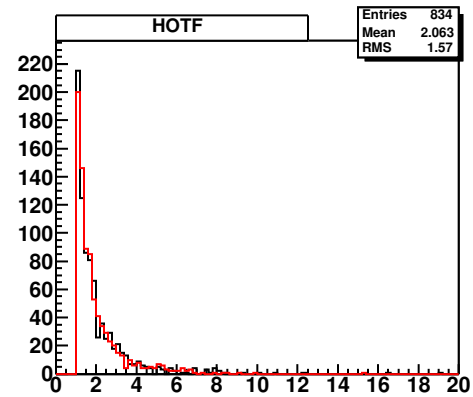


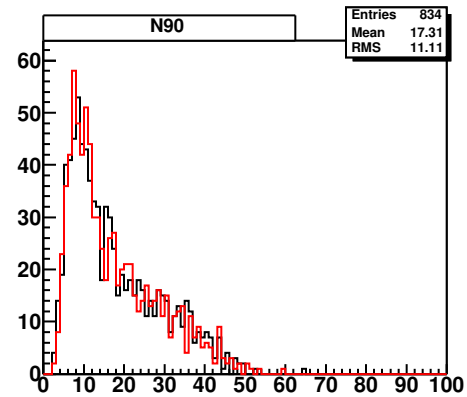


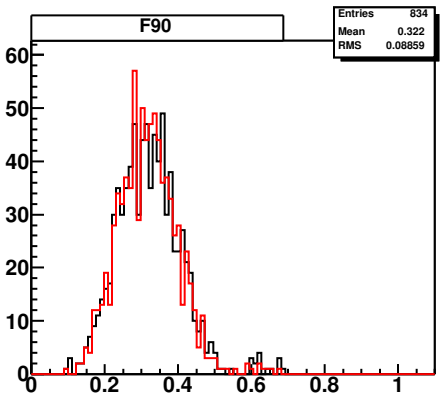


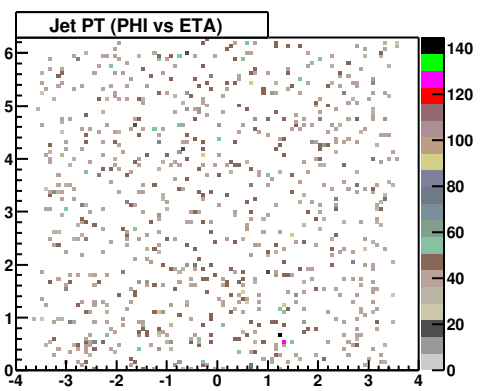




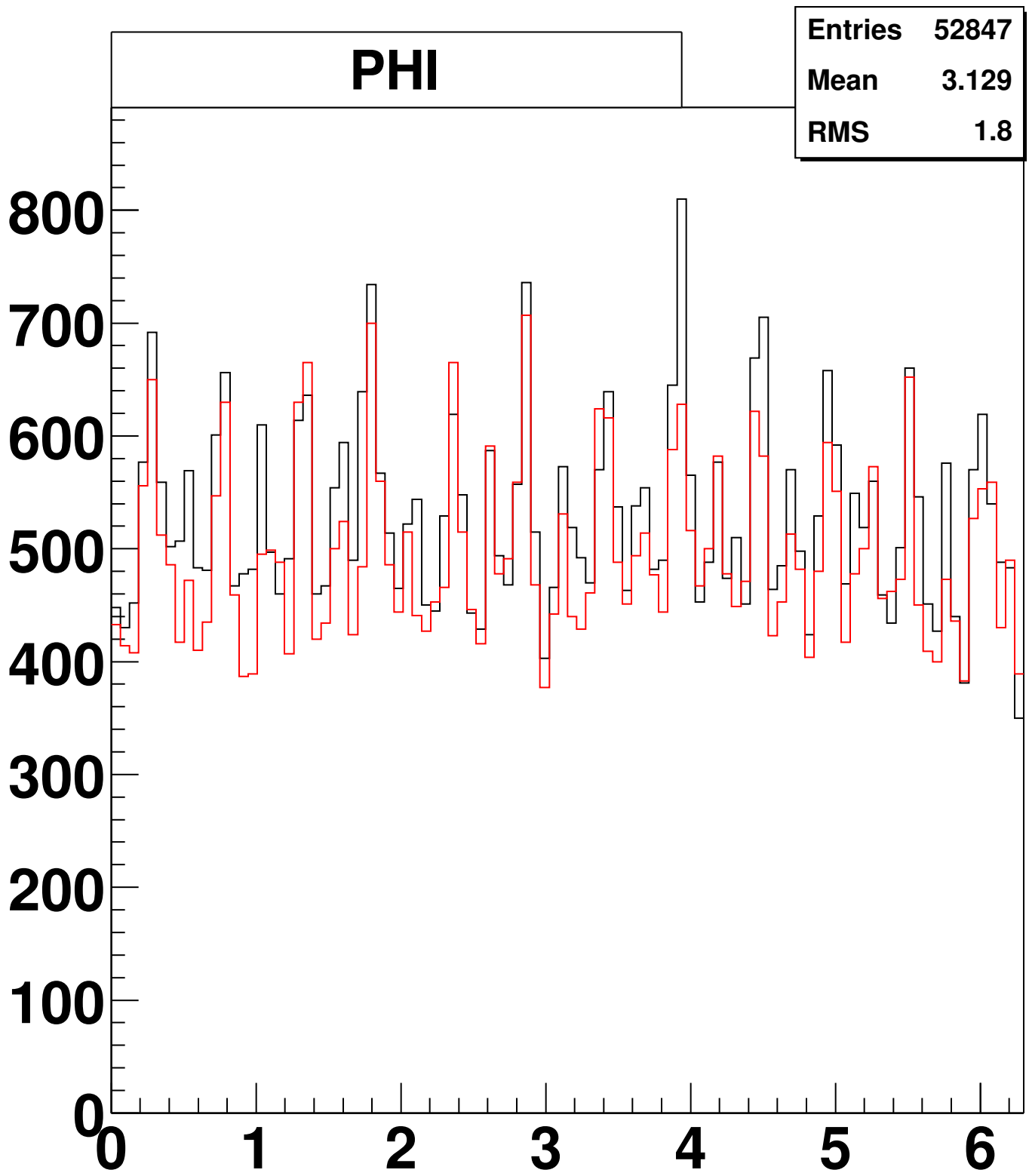


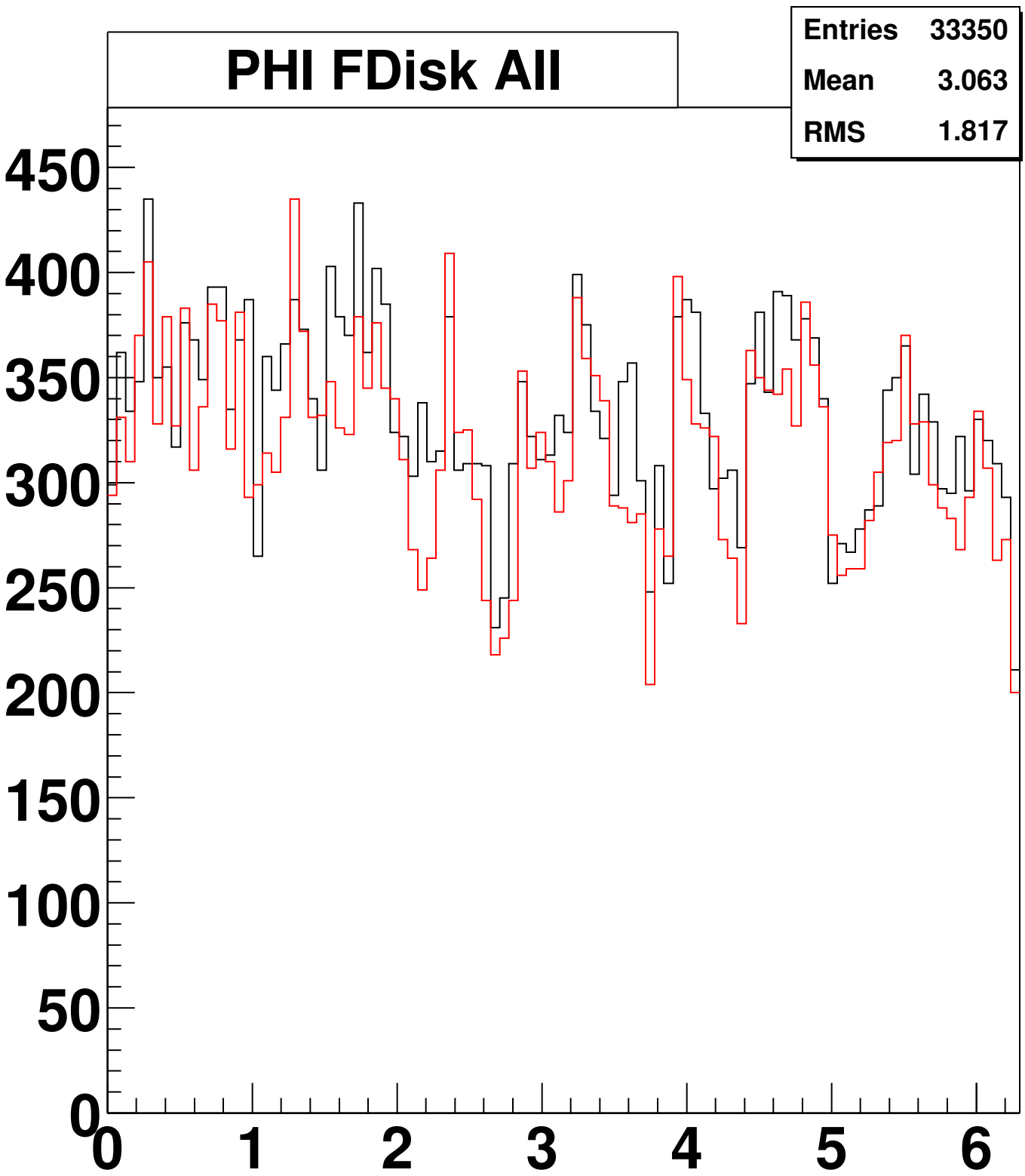


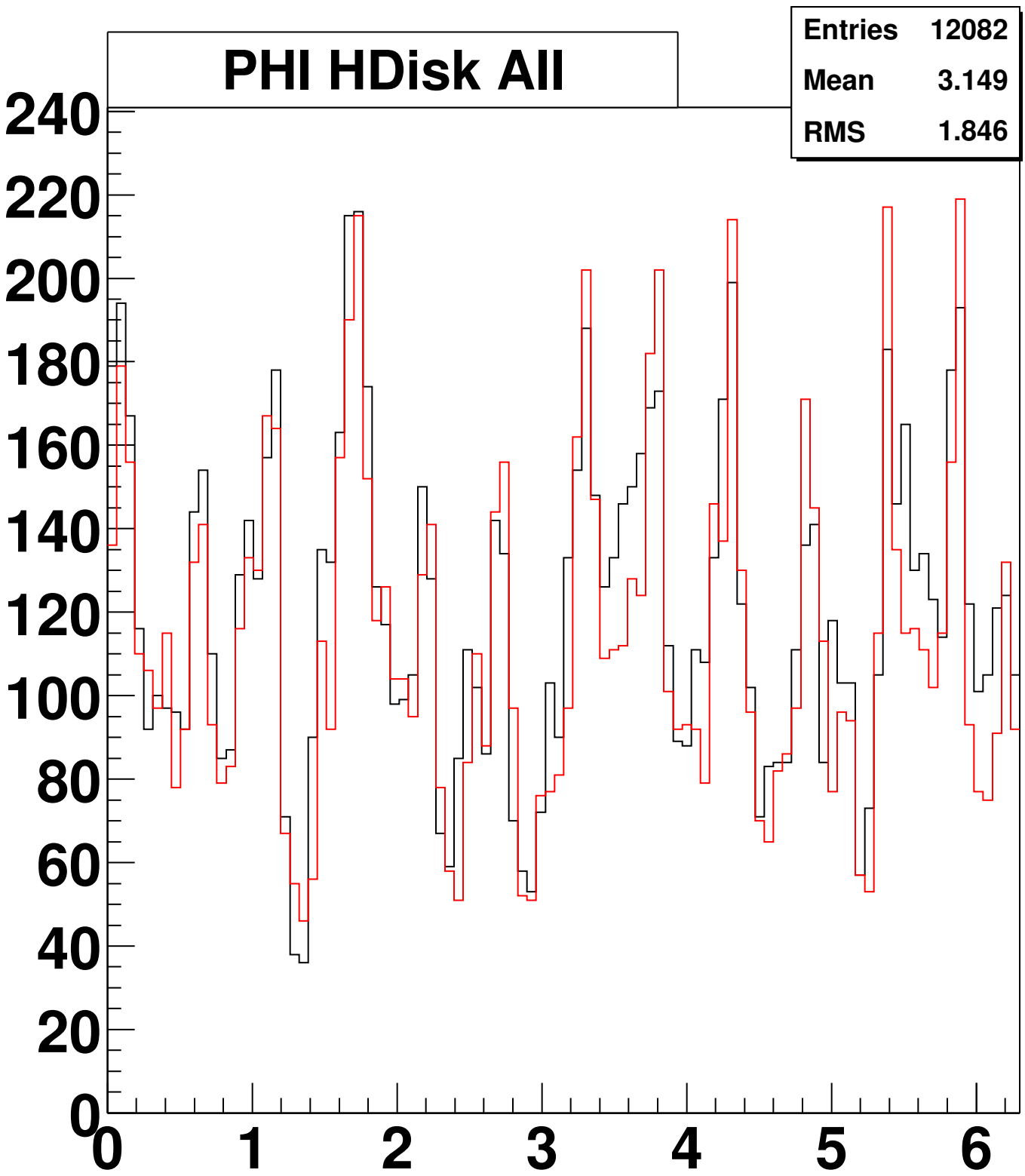




Jets (Cone R=0.7 - standard cuts)


PHI
Entries 52847
Mean 3.129
RMS 1.8
800
700
600
500
400
300
200
100
0
0
1
2
3
4
5
6
SmtClusters (allBarClusters)


PHI FDisk All
Entries 33350
Mean 3.063
RMS 1.817
450
400
350
300
250
200
150
100
50
0
0
1
2
3
4
5
6
SmtClusters (allFDiskClusters)


PHI HDisk All
Entries 12082
Mean 3.149
RMS 1.846
240
220
200
180
160
140
120
100
80
60
40
20
0
0
1
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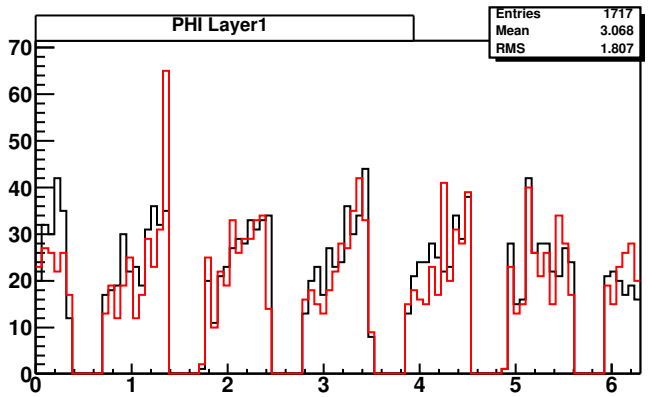
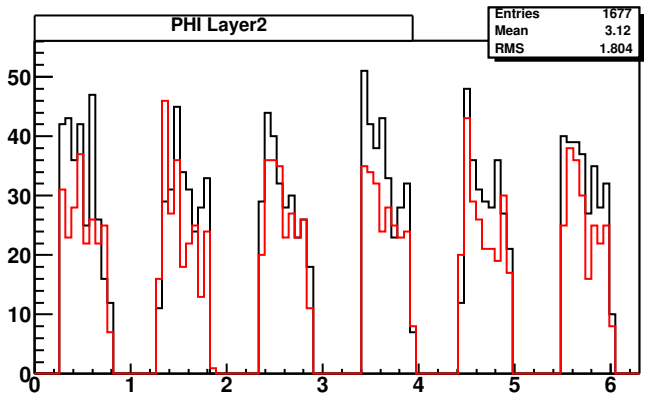
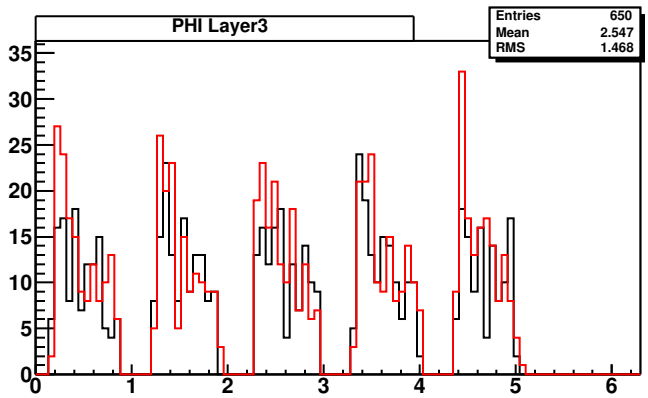
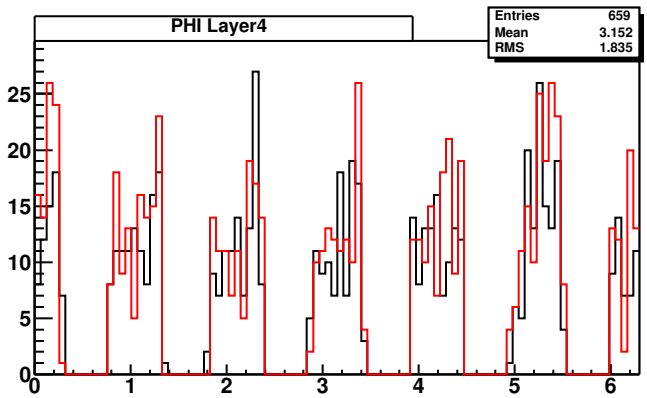
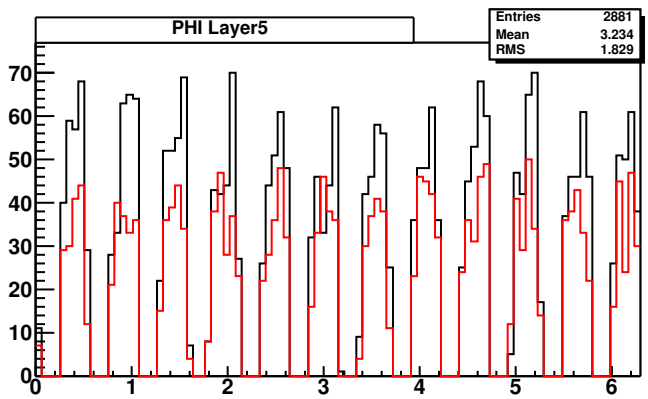
3
4
5
6
SmtClusters (allHDiskClusters)

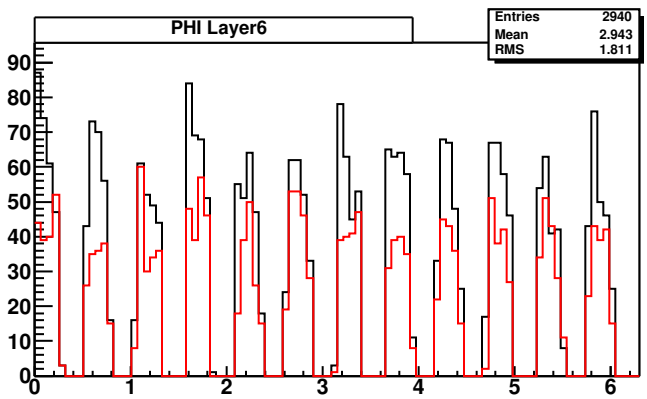


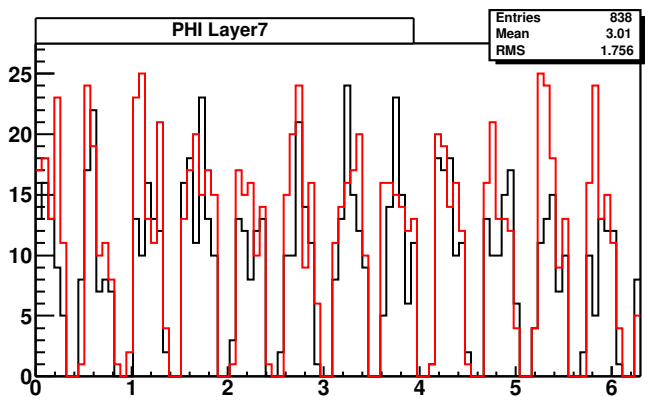


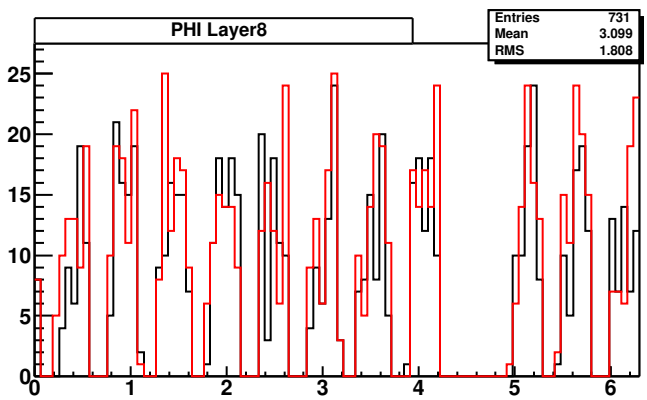




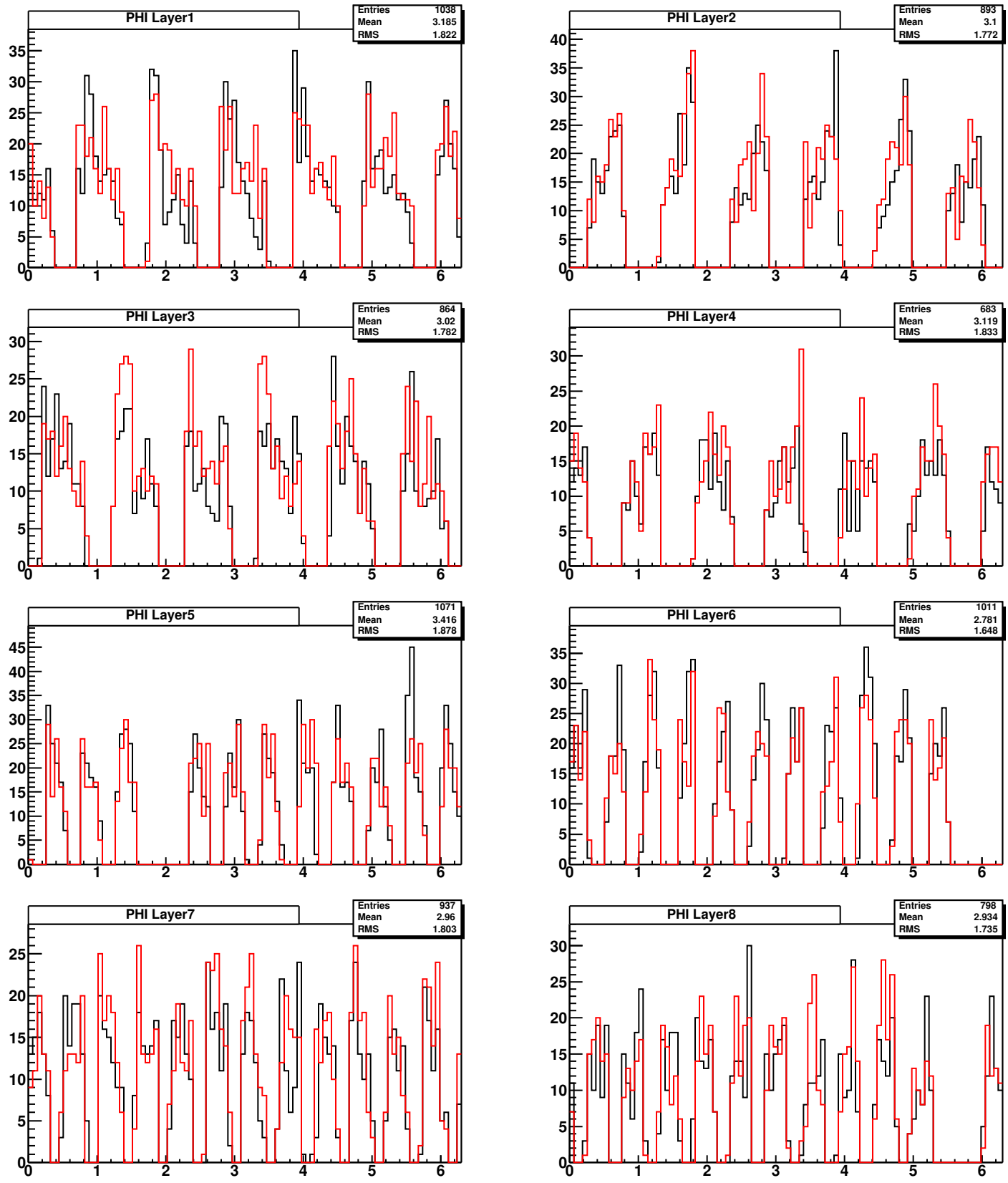




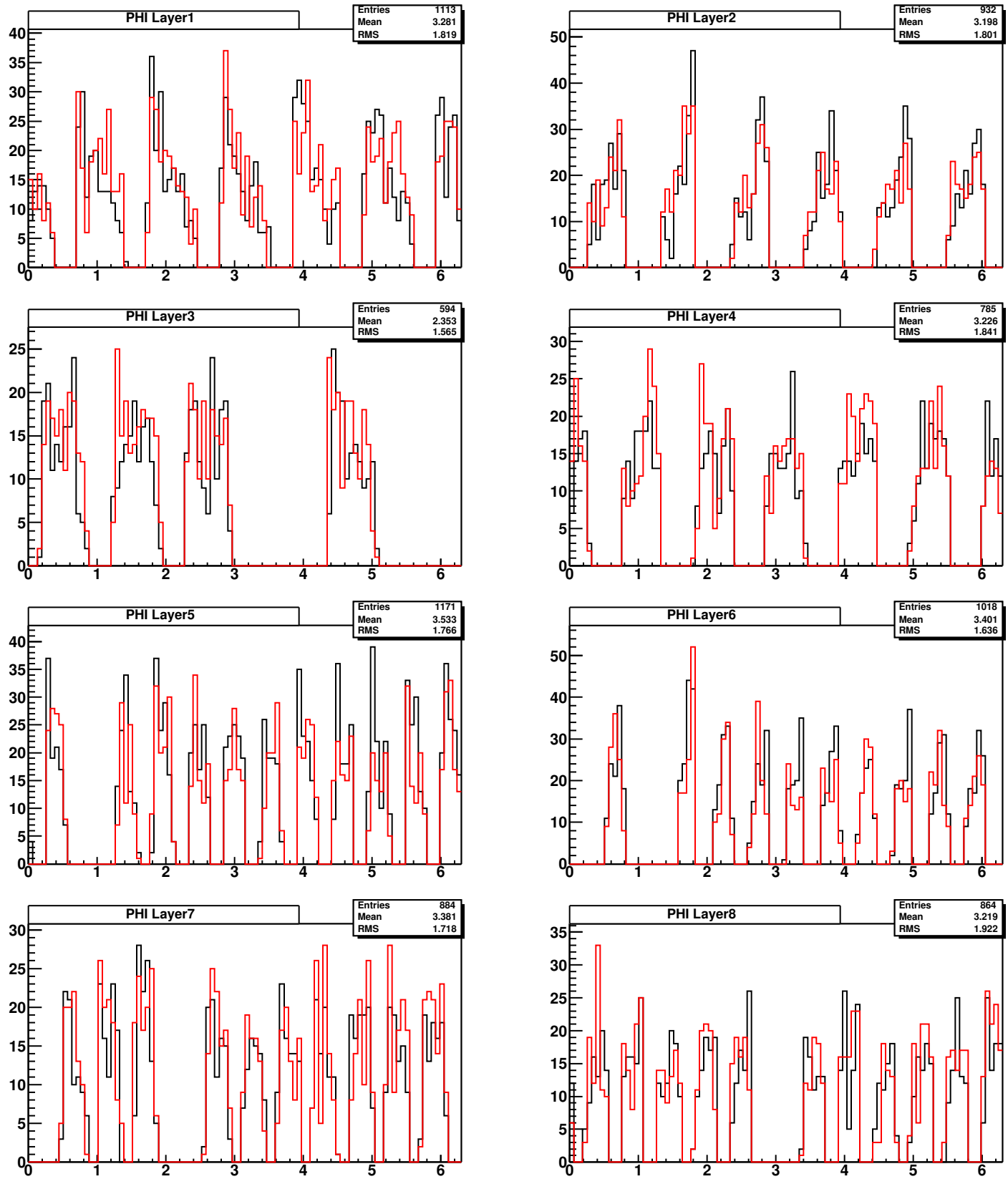




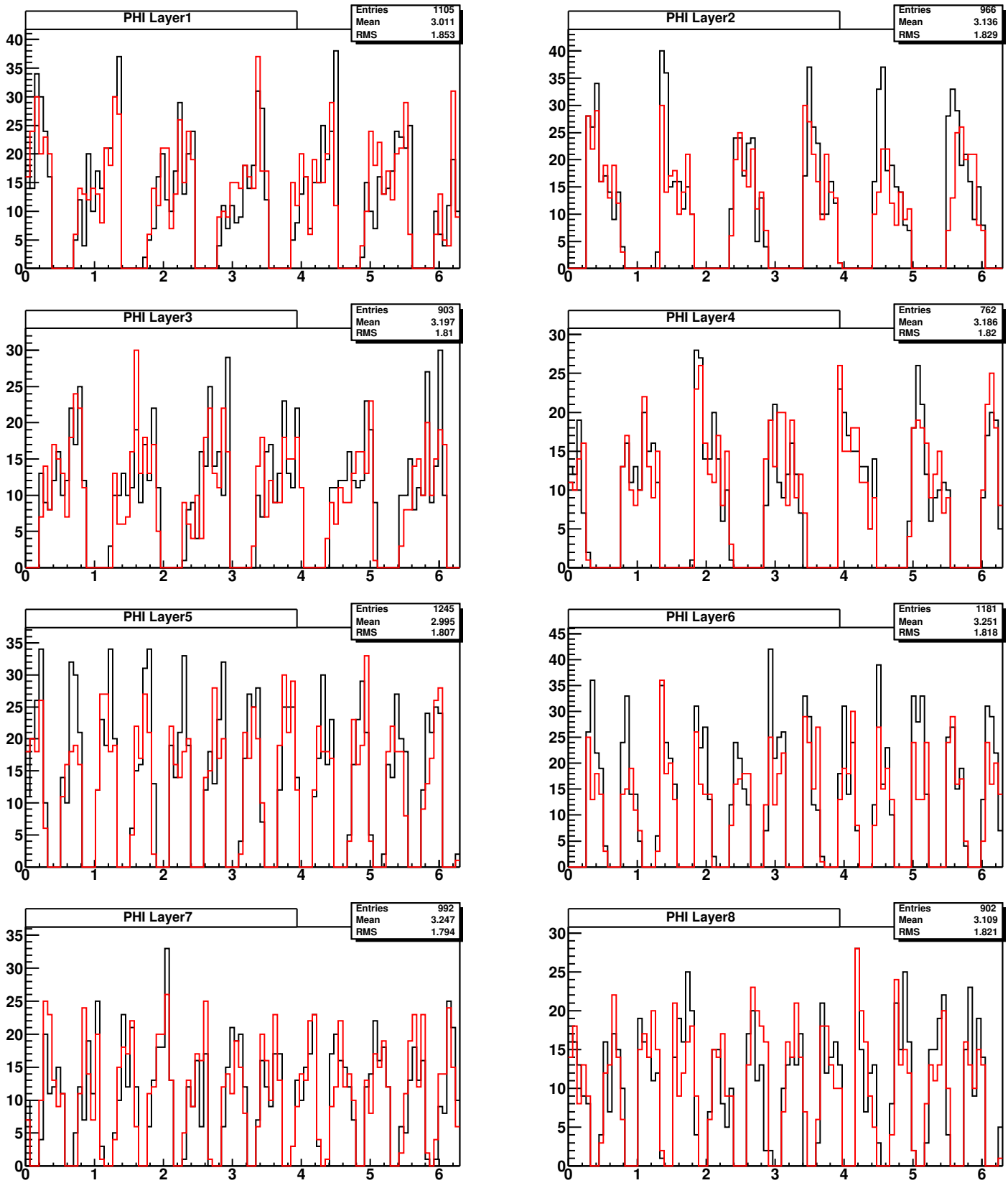
SmtClusters (ClustrBar1)



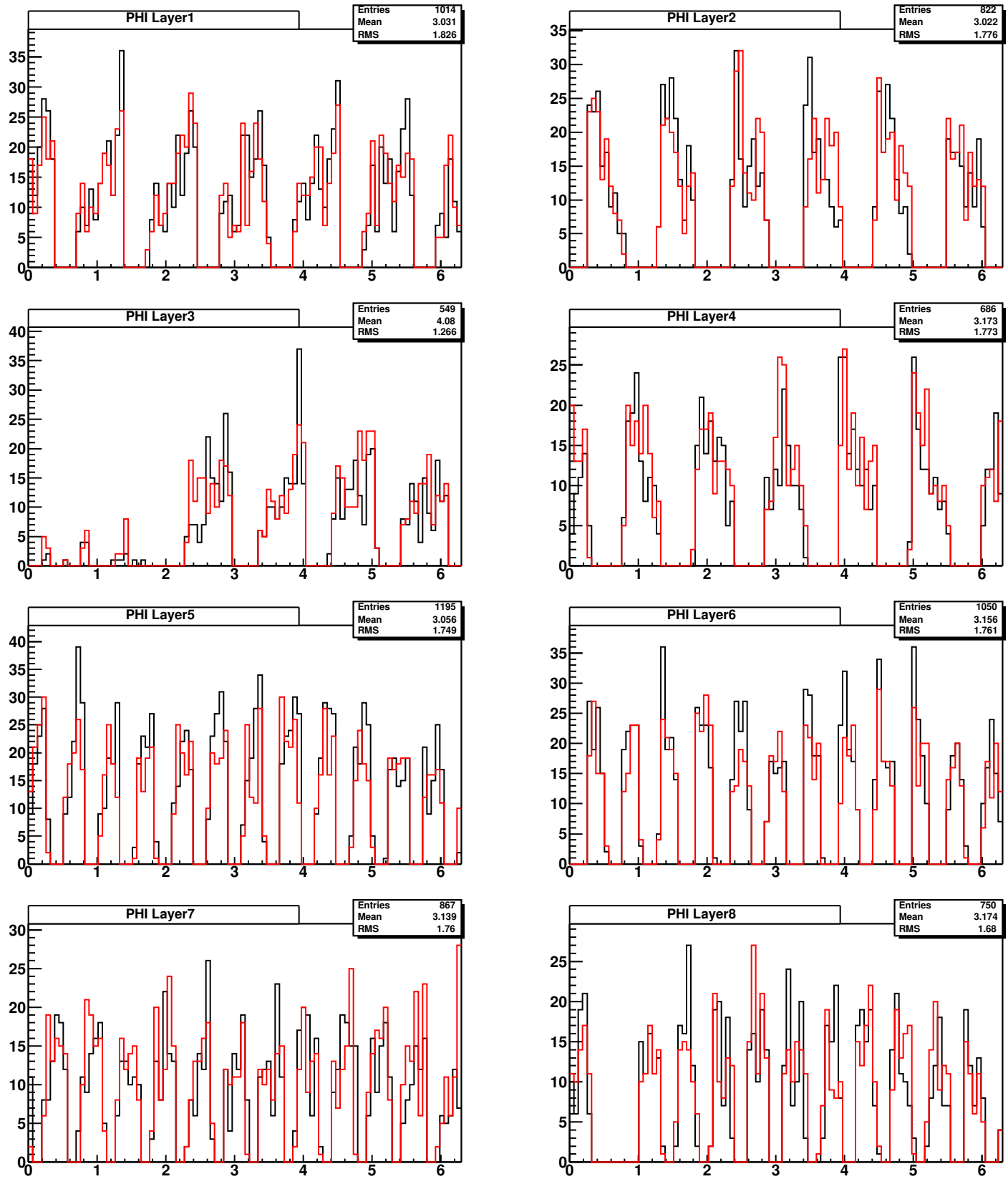
SmtClusters (ClustrBar2)



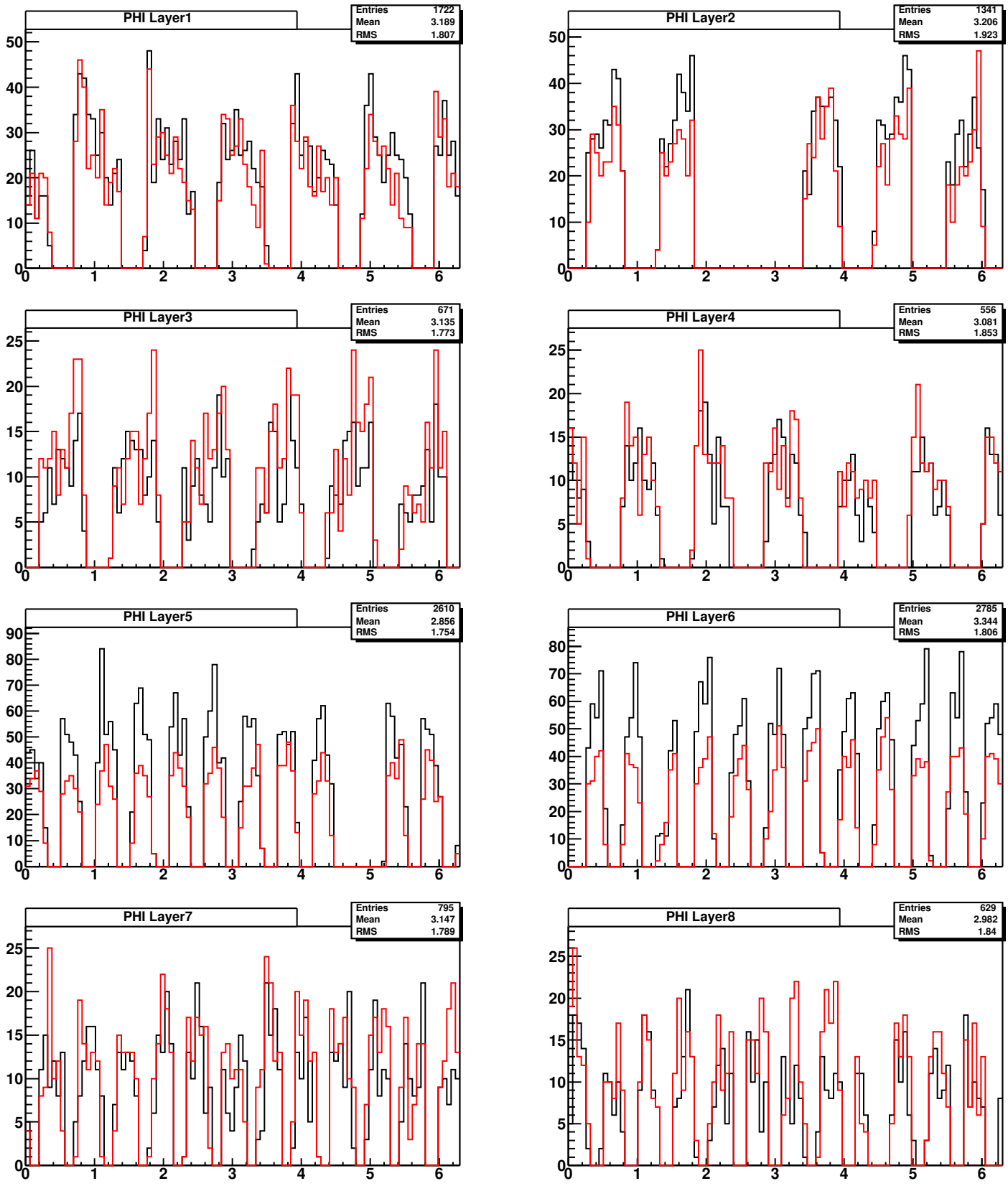
SmtClusters (ClustrBar3)



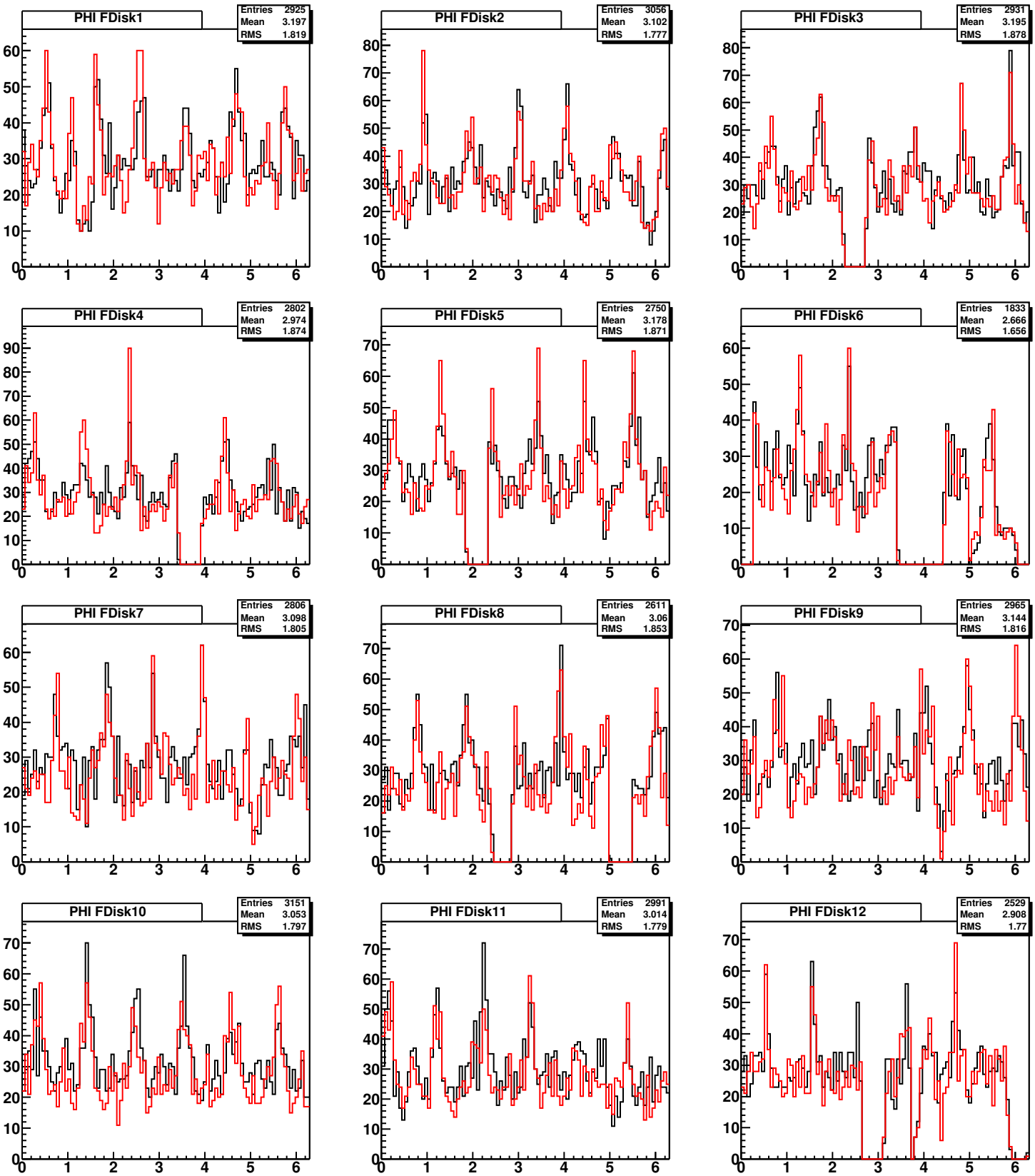
SmtClusters (ClustrBar4)



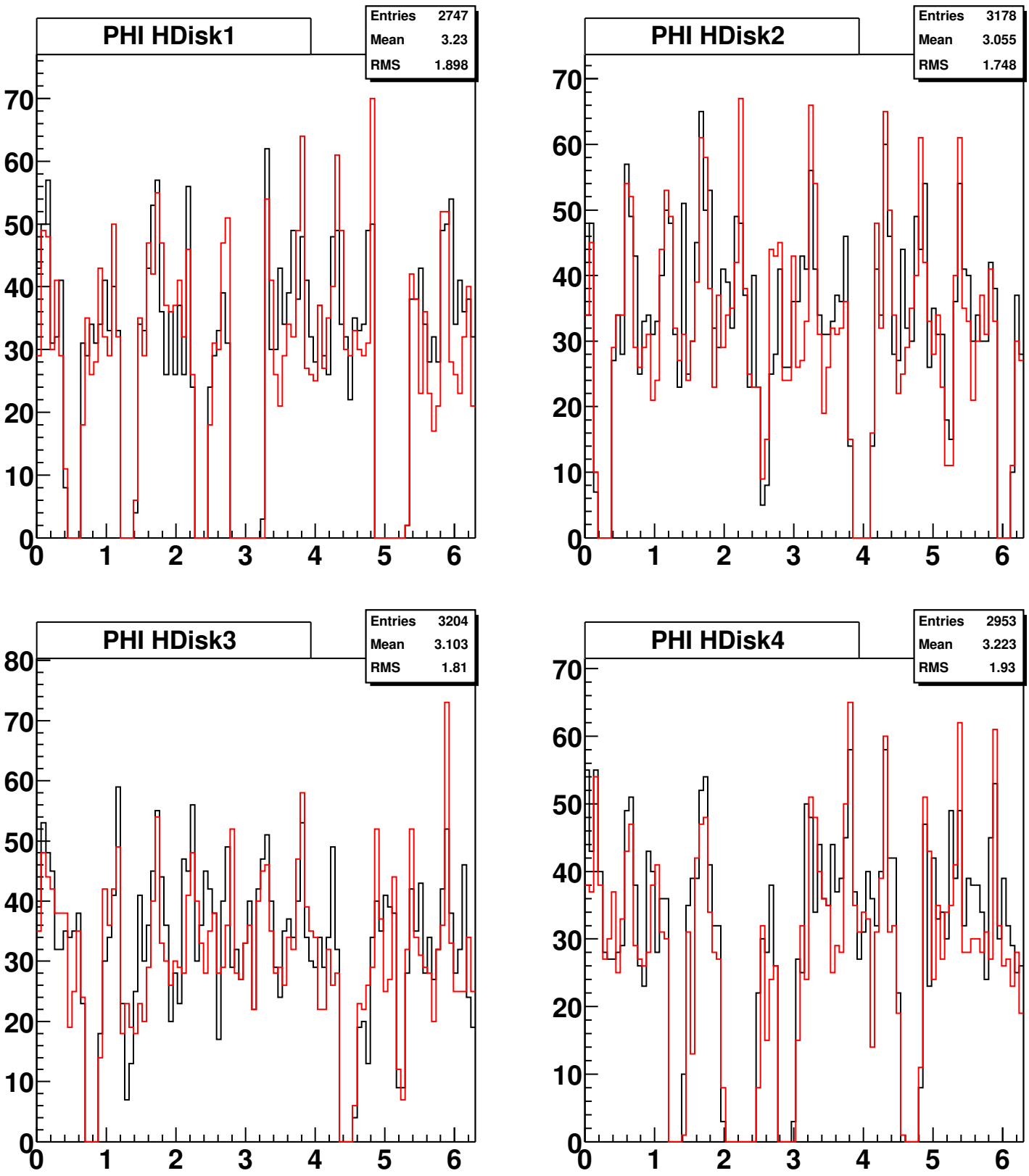
SmtClusters (ClustrBar5)

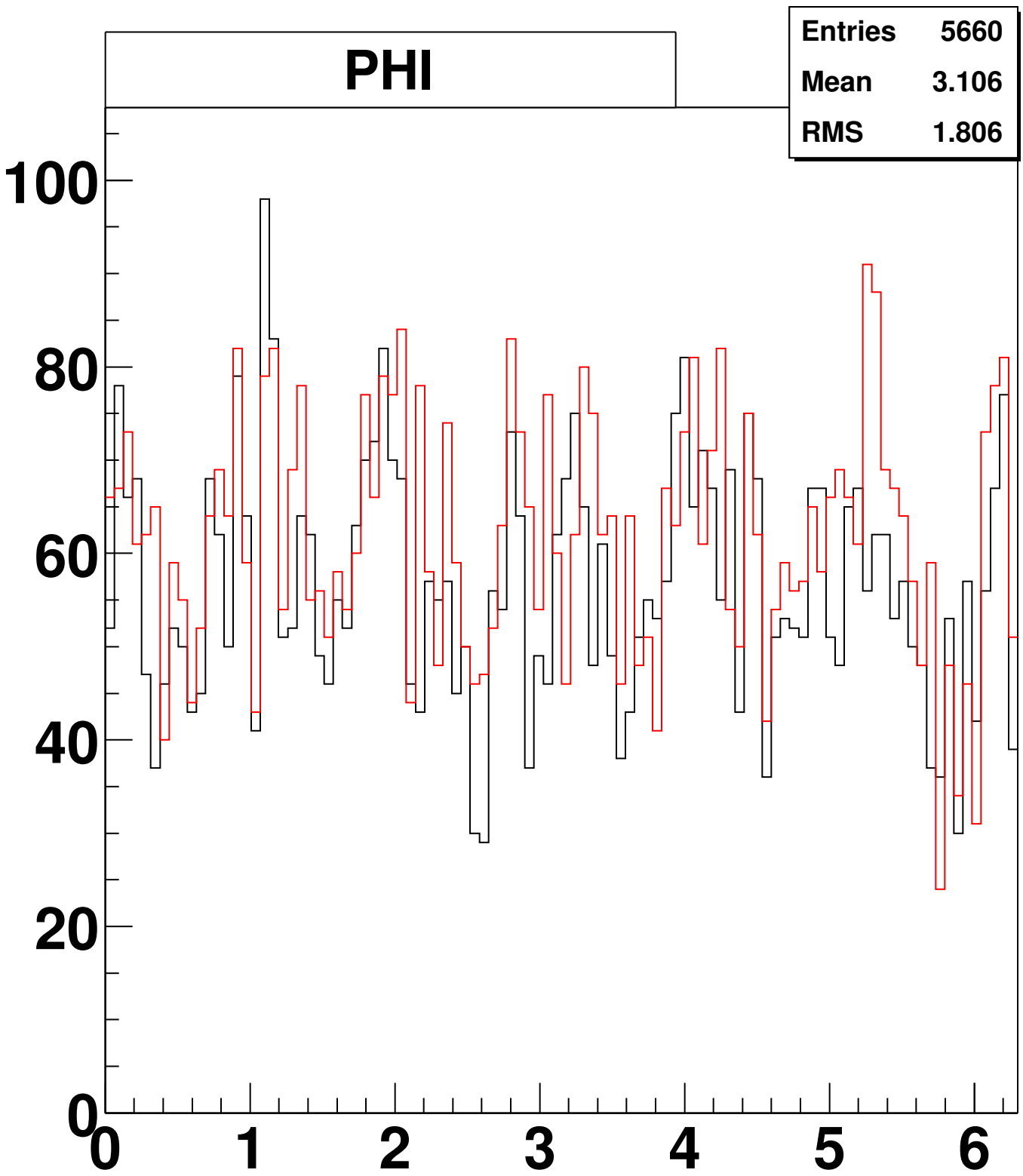


SmtClusters (ClustrBar6)



SmtClusters (FDiskClusters)


PHI HDisk1
Entries 2747
Mean 3.23
RMS 1.898
PHI HDisk2
Entries 3178
Mean 3.055
RMS 1.748
PHI HDisk3
Entries 3204
Mean 3.103
RMS 1.81
PHI HDisk4
Entries 2953
Mean 3.223
RMS 1.93
SmtClusters (HDiskClusters)


PHI
Entries 5660
Mean 3.106
RMS 1.806
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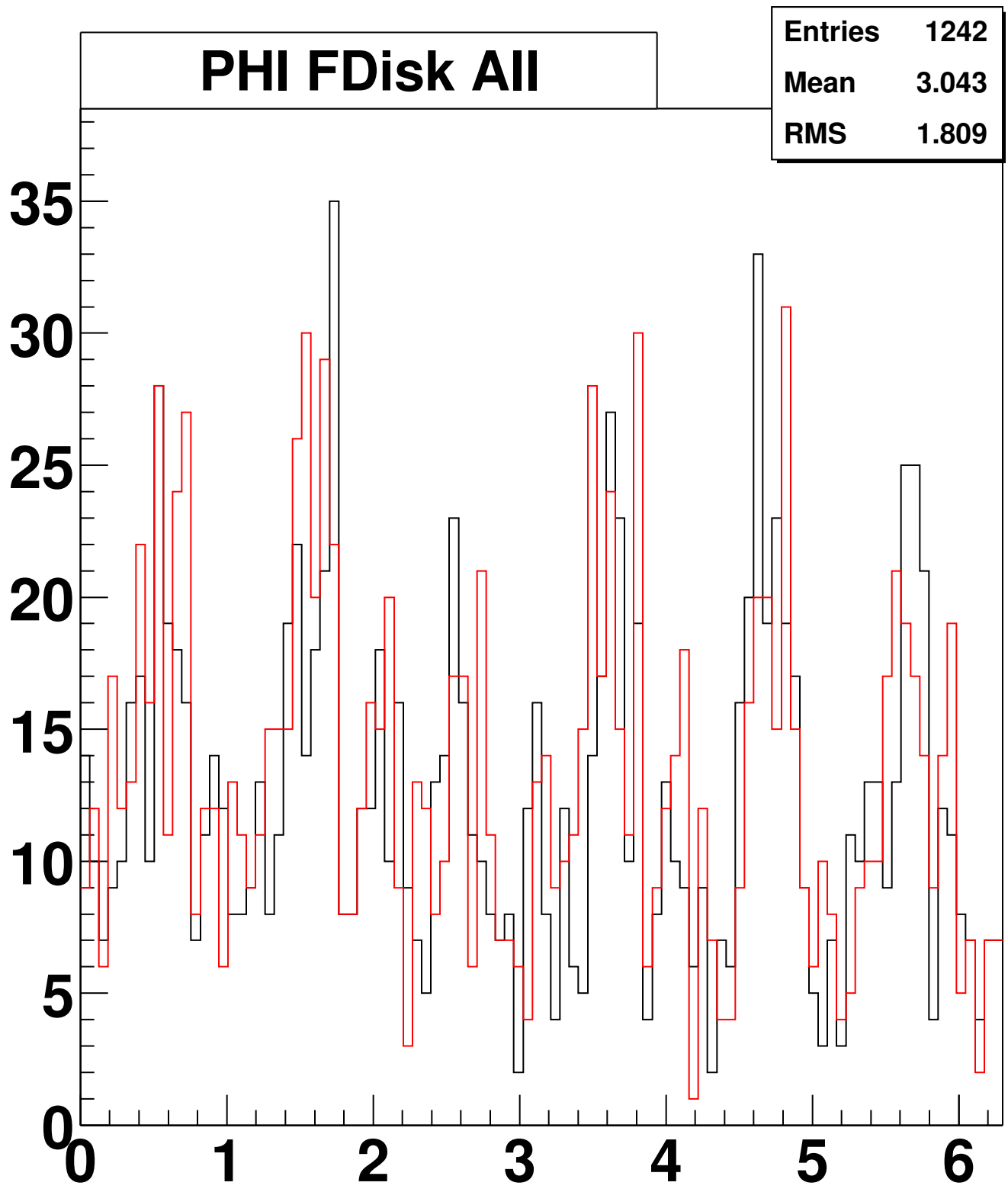
80
60
40
20
0
0
1
2
3
4
5
6
SmtClusters (allBarTClusters)


PHI FDisk All
Entries 1242
Mean 3.043
RMS 1.809
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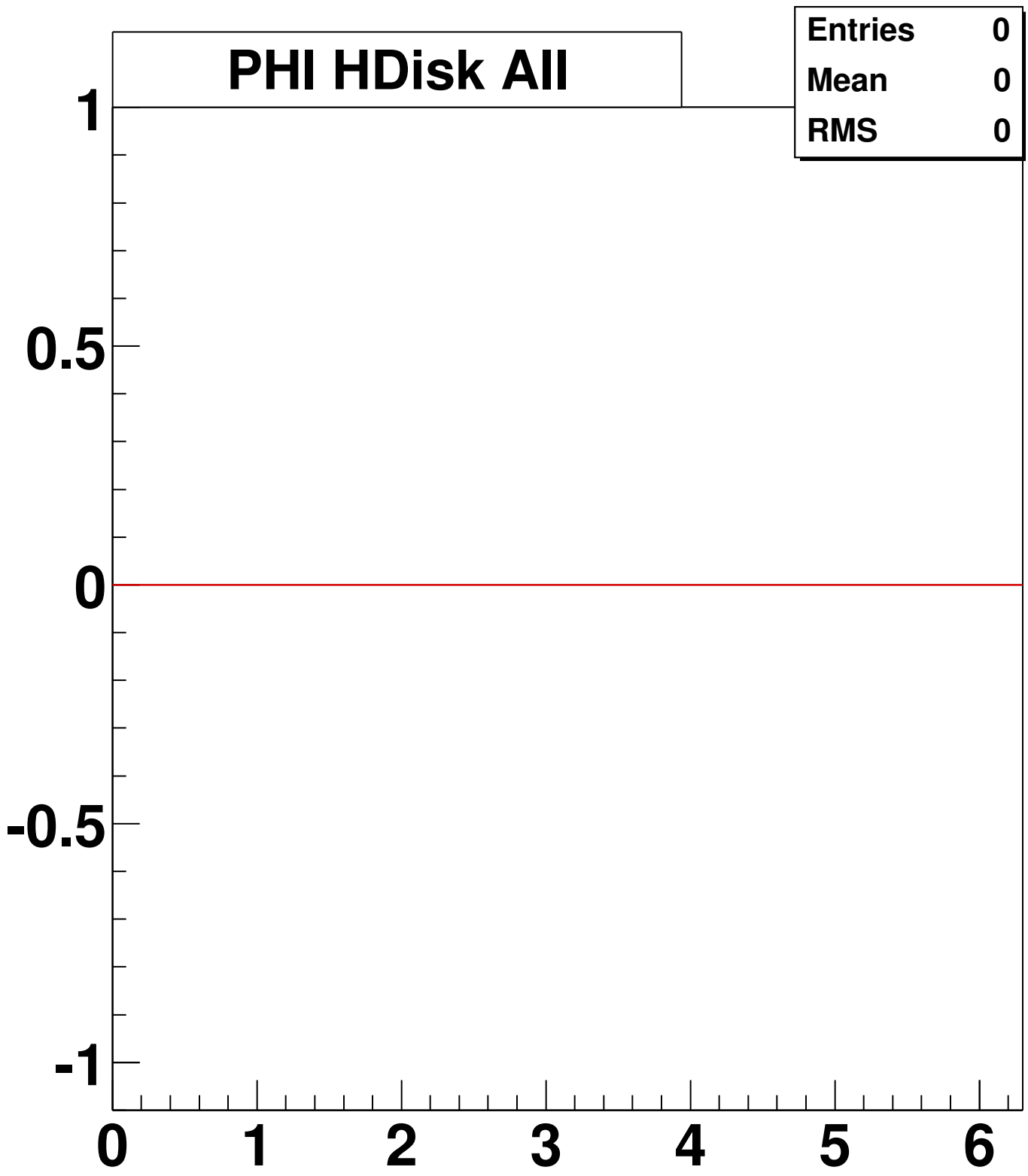
30
25
20
15
10
5
0
0
1
2
3
4
5
6
SmtClusters (allFDiskTClusters)


PHI HDisk All
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
1
2
3
4
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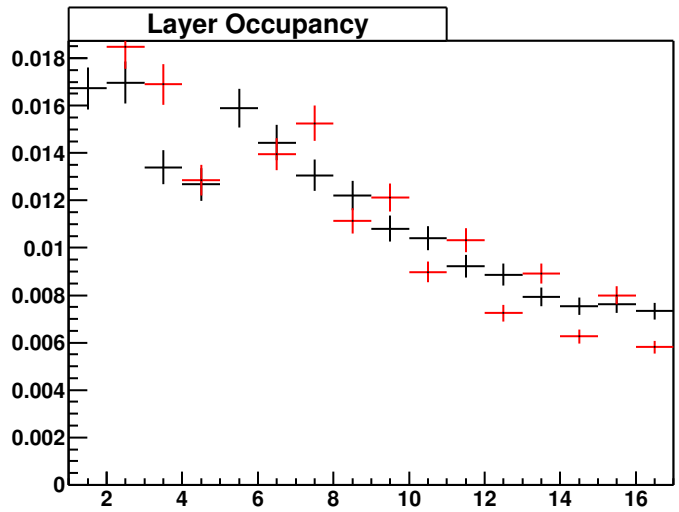
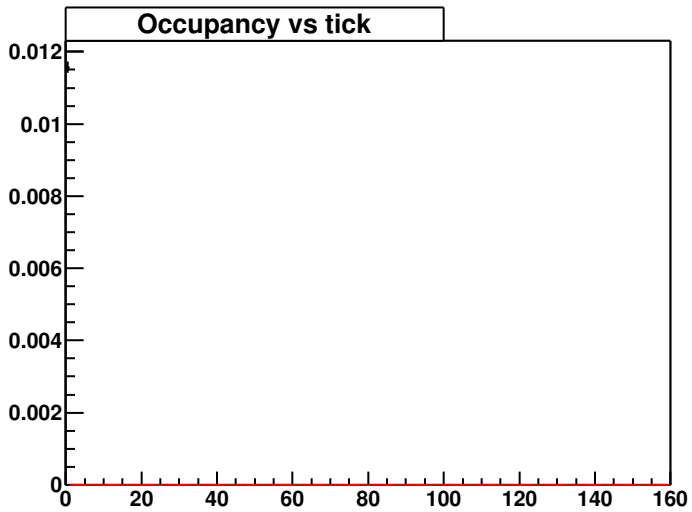
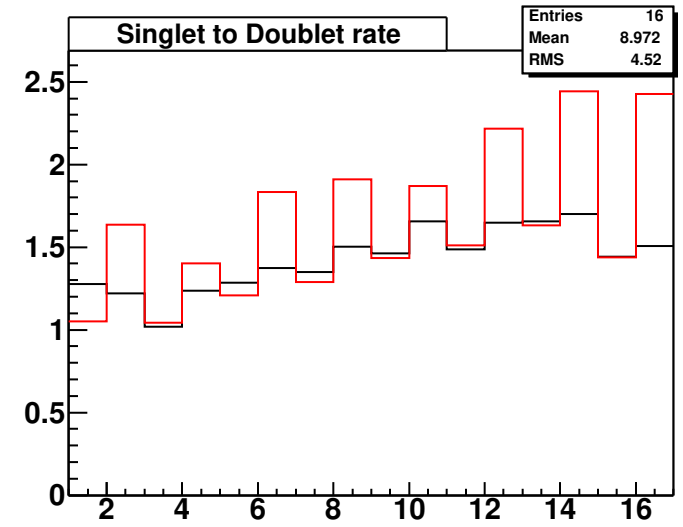
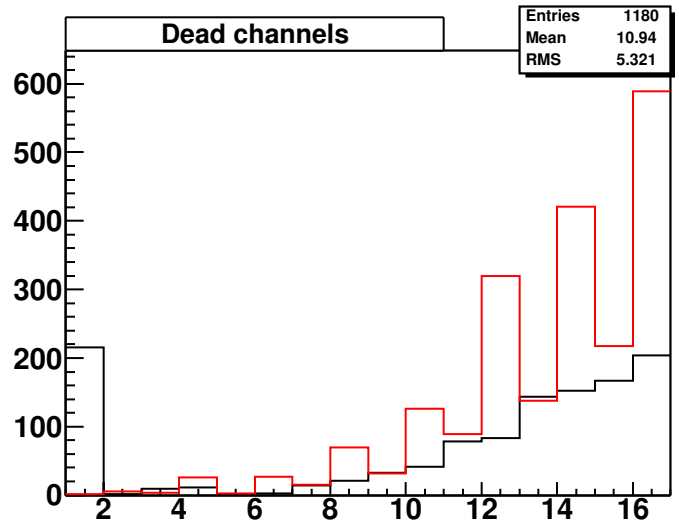
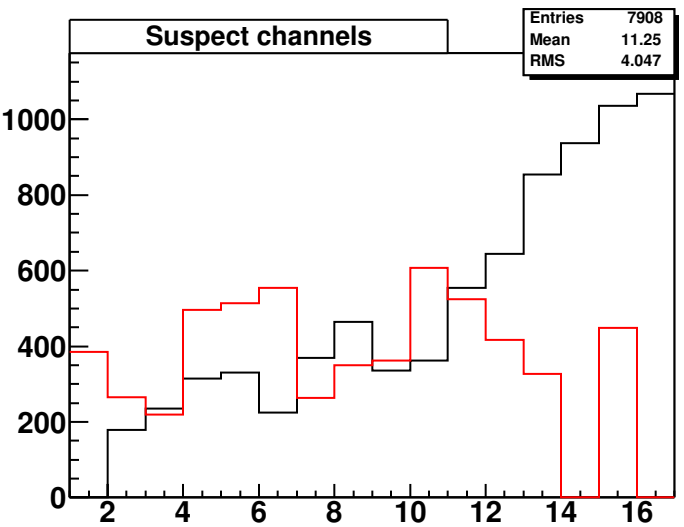
6
SmtClusters (allHDiskTClusters)

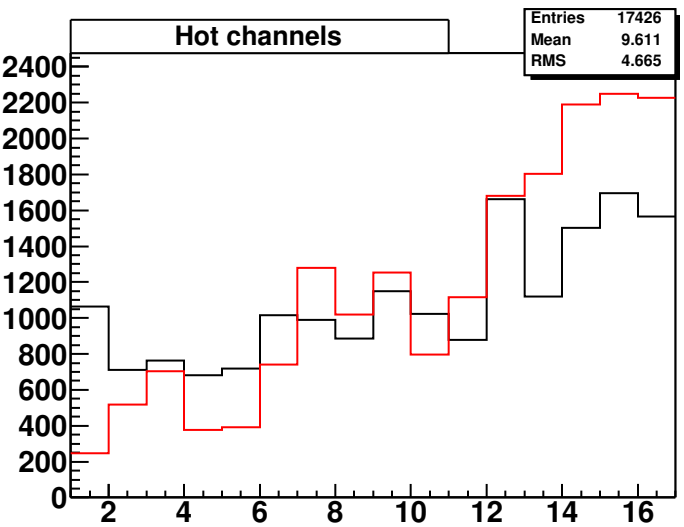




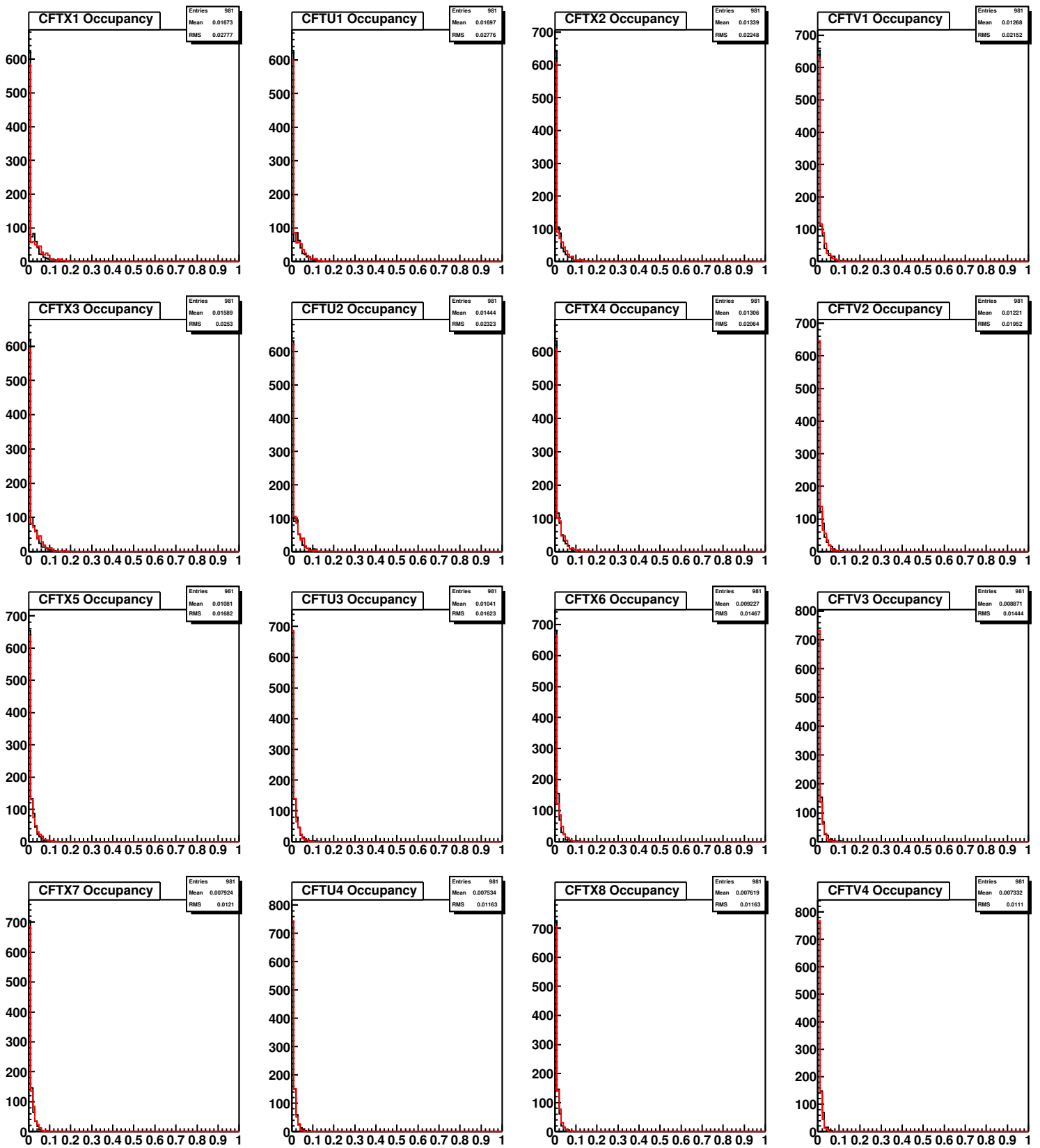




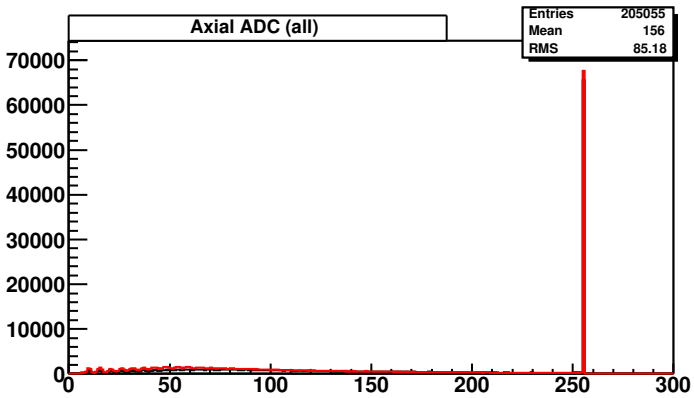


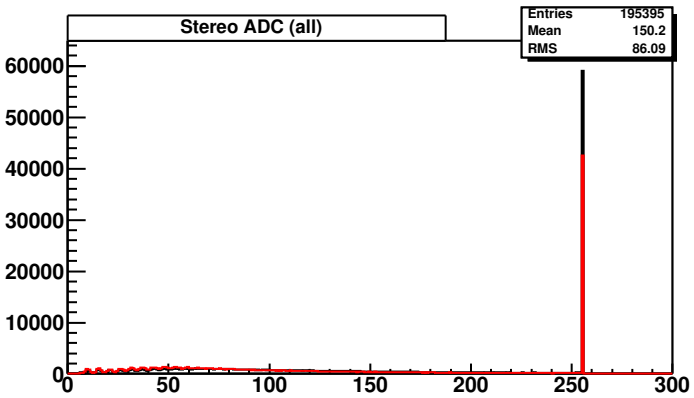


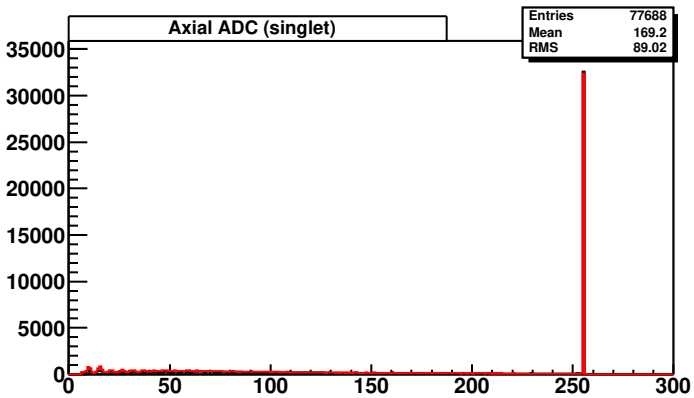
CFT Summary (All Clusters)

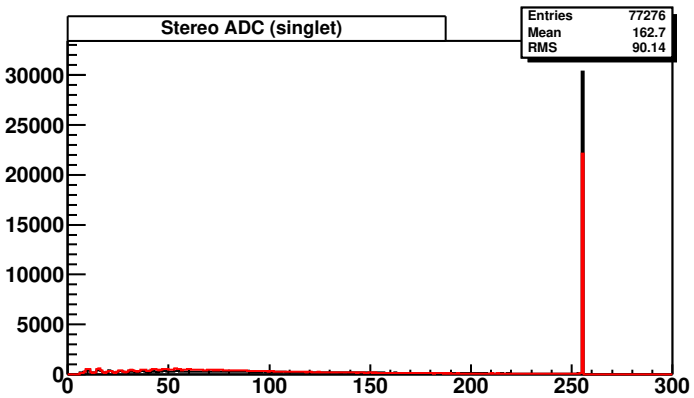


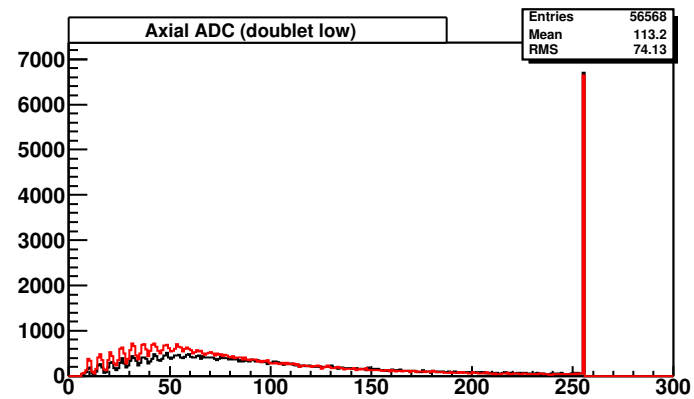
Cft Occupancy (All Clusters)

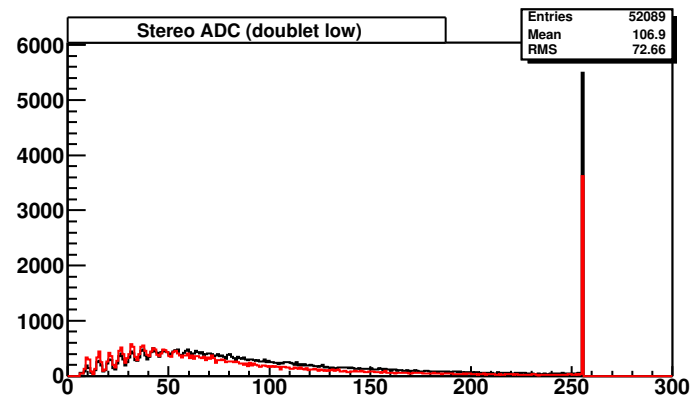


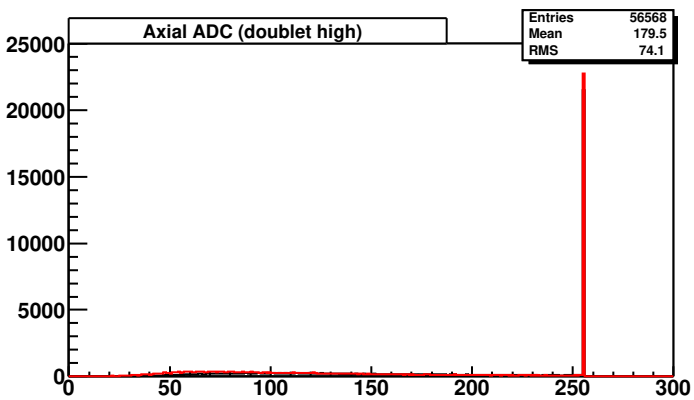


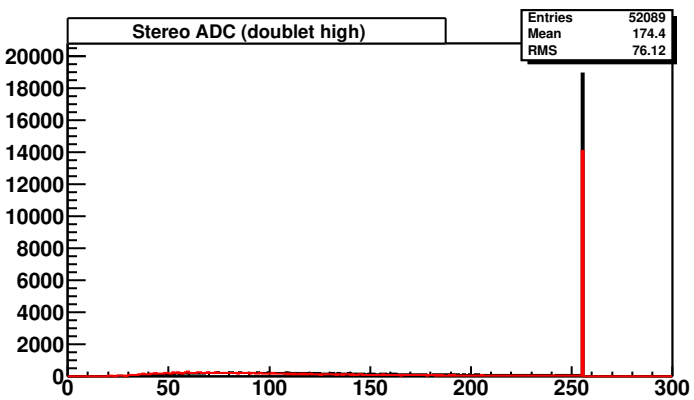




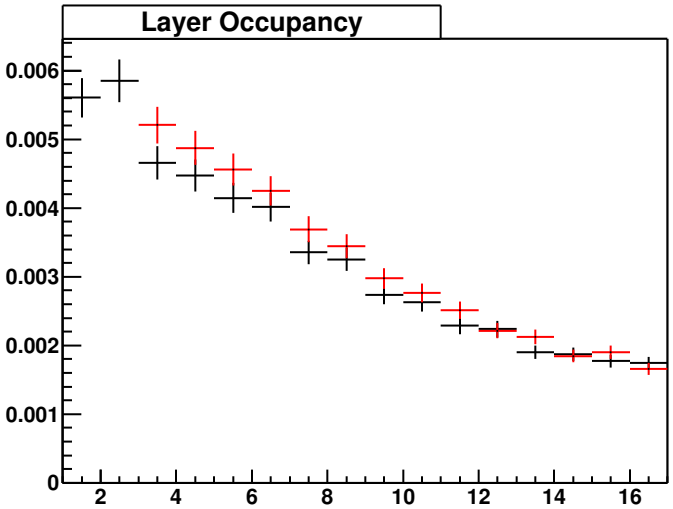


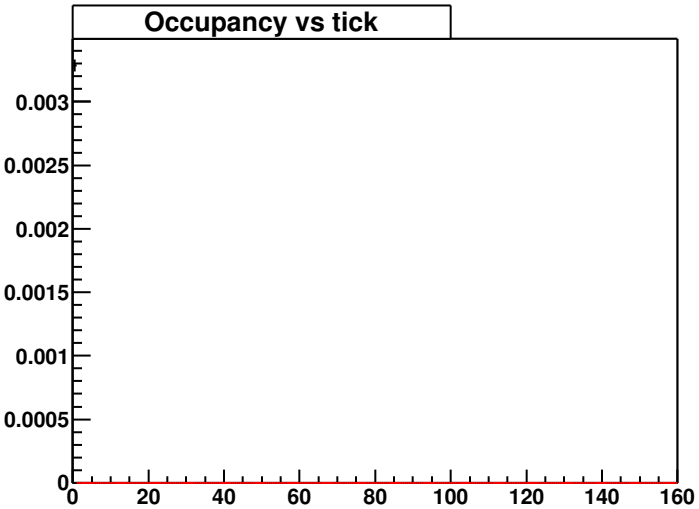


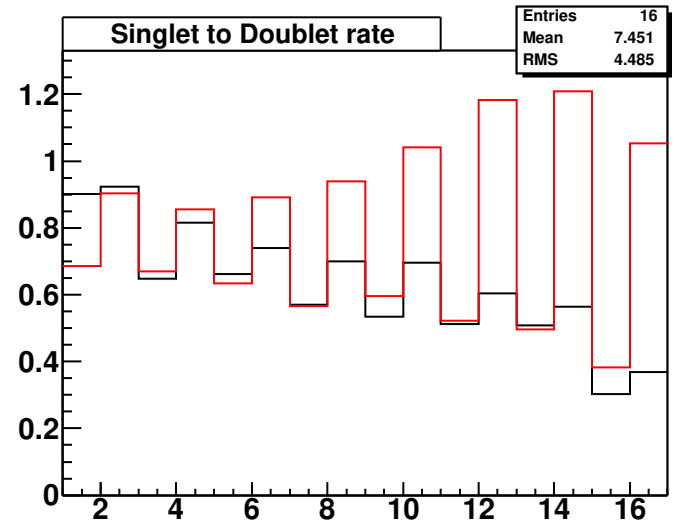


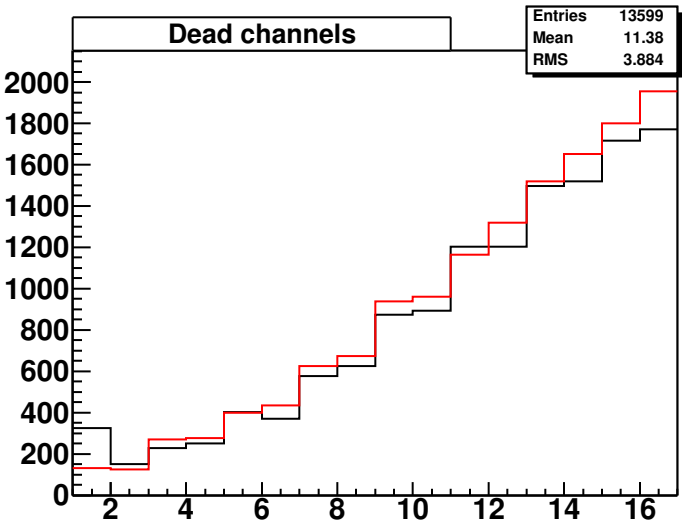


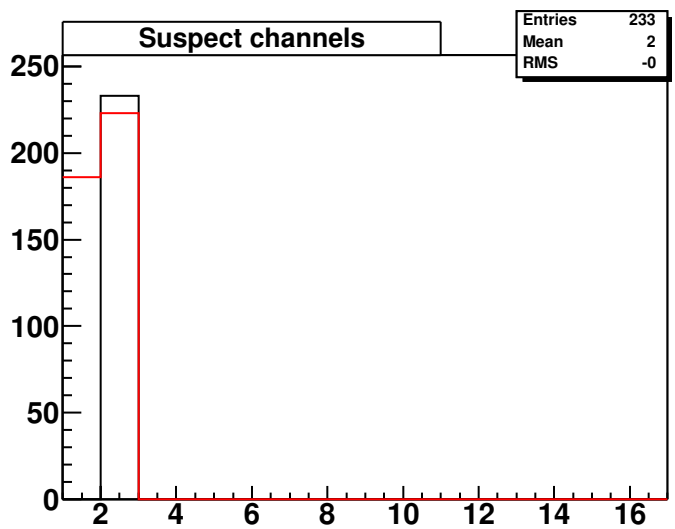
CFT ADC Summary (All Clusters)

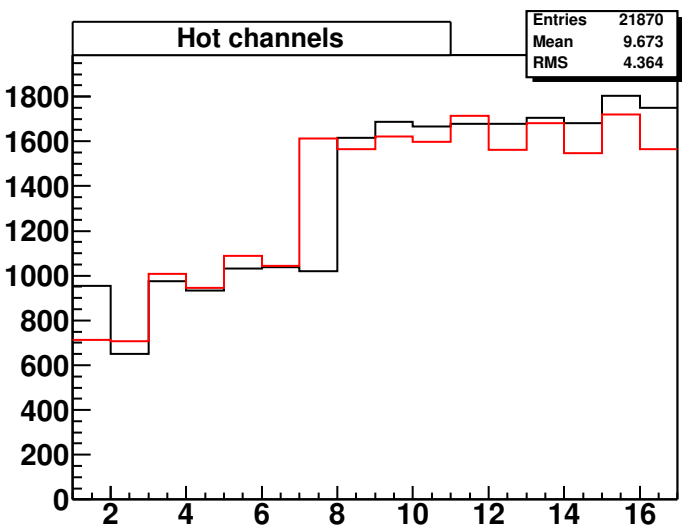




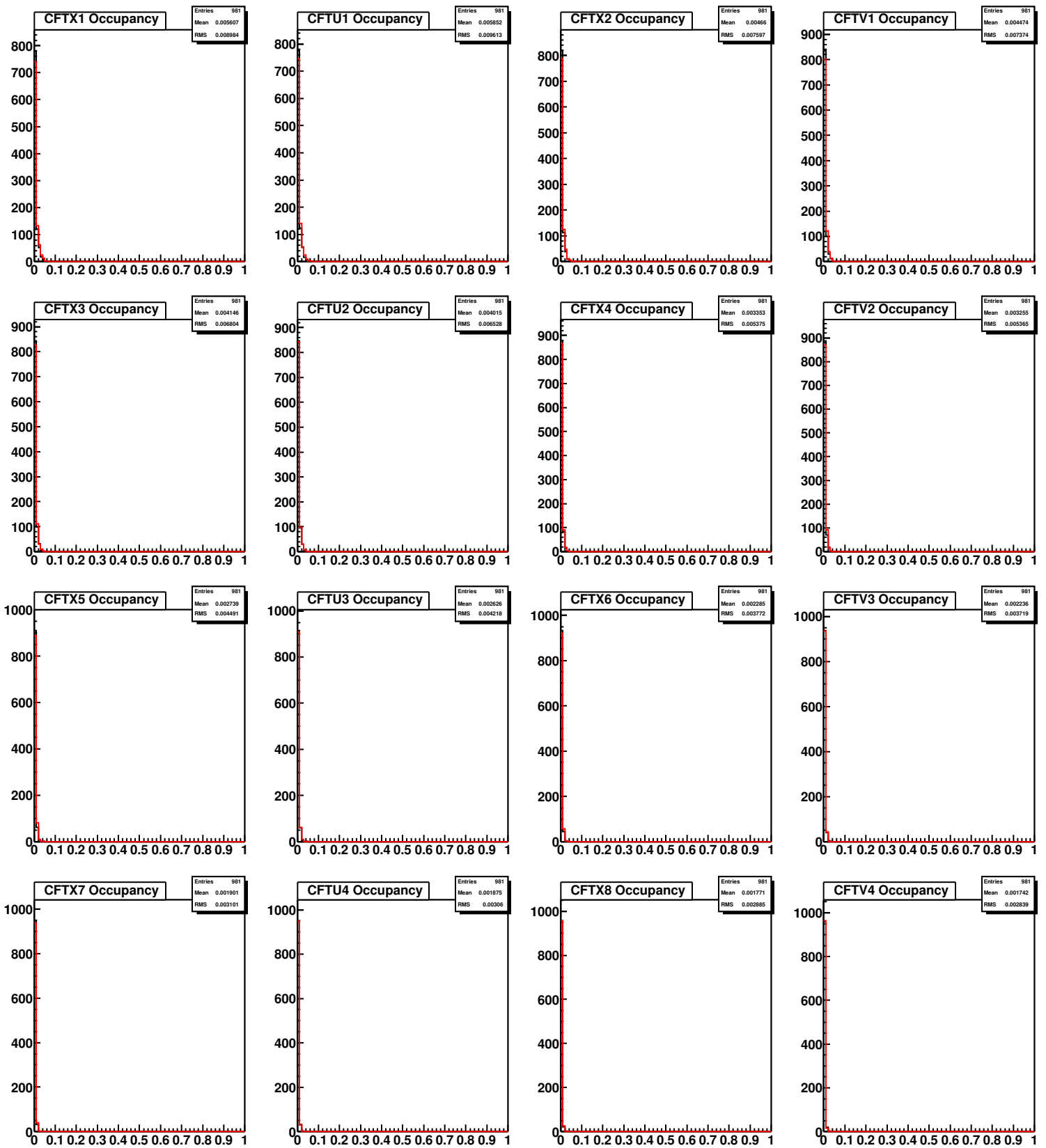




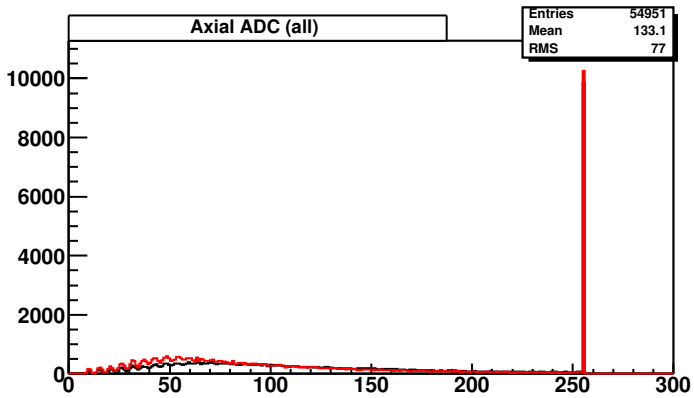


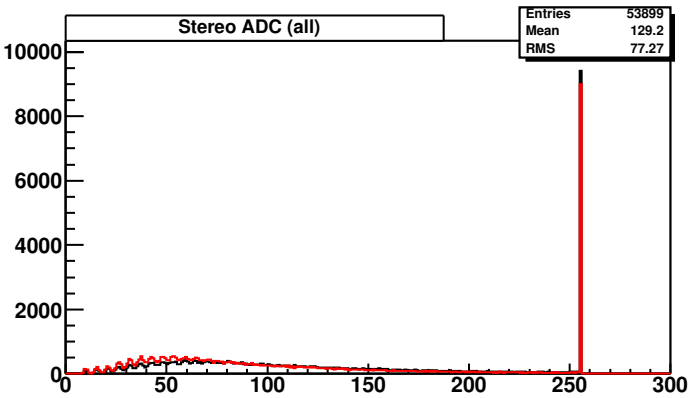


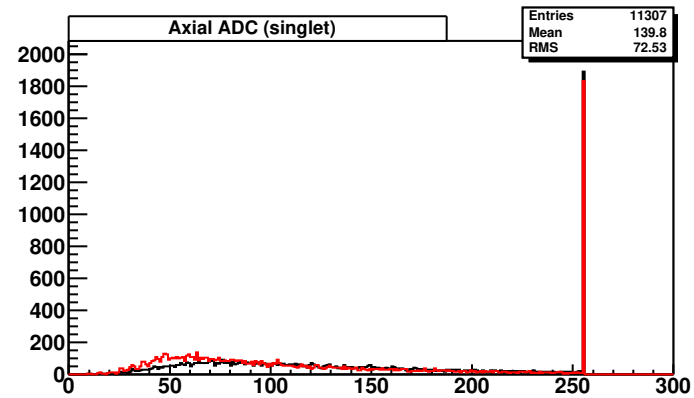
CFT Summary (Clusters on tracks)

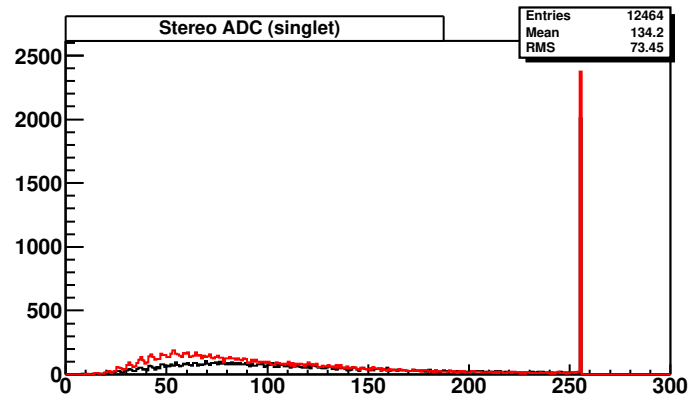


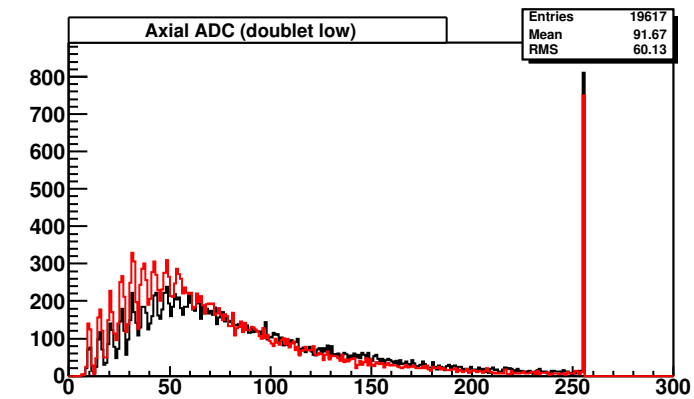
Cft Occupancy (Clusters on tracks)

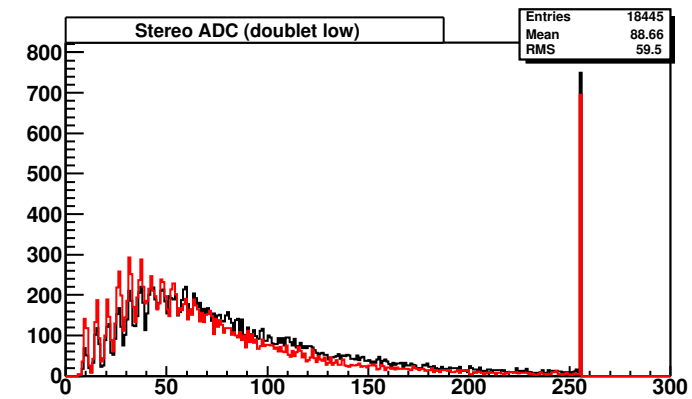


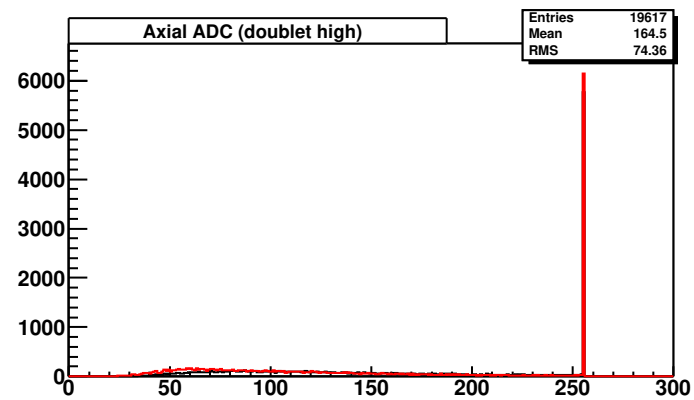


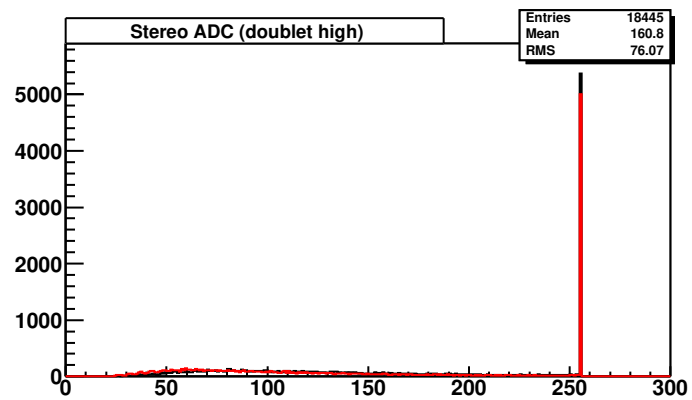




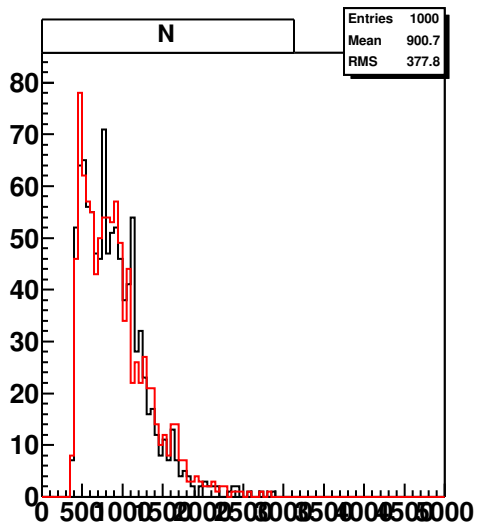


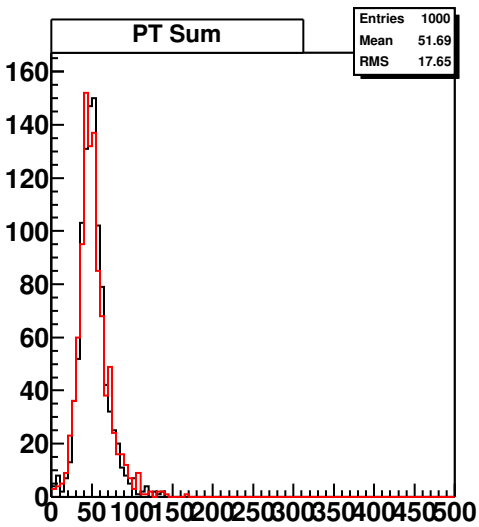


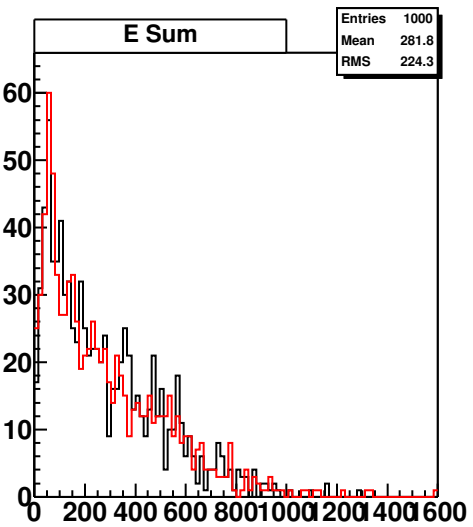


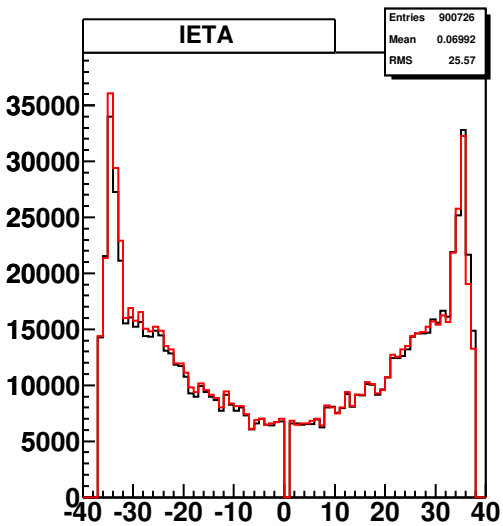


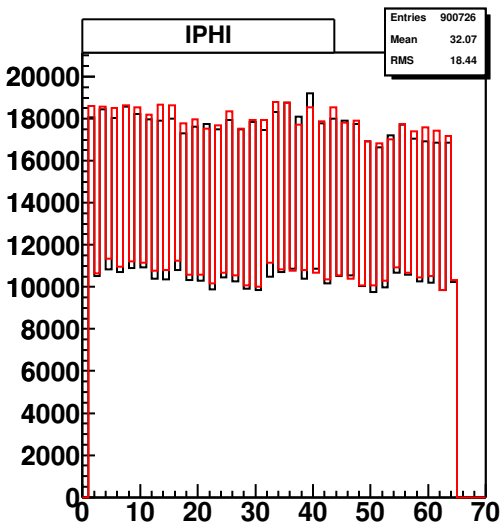
CFT ADC Summary (Clusters on tracks)

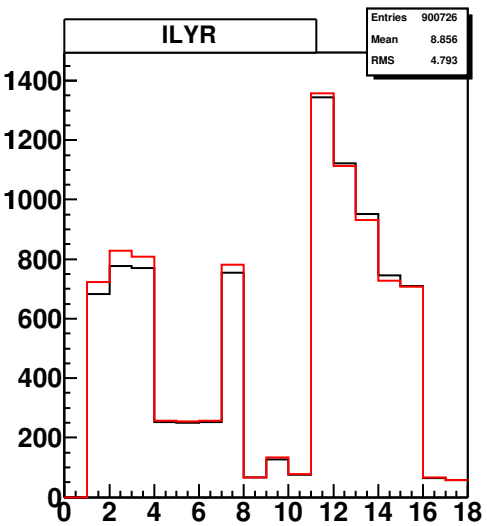


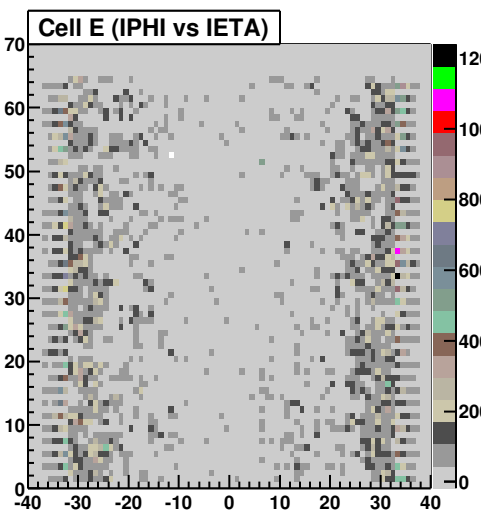


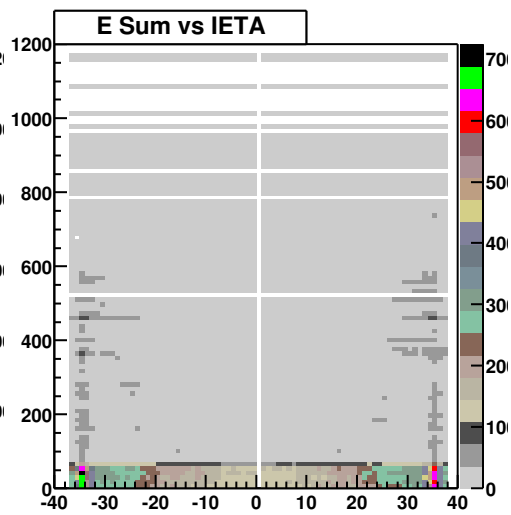


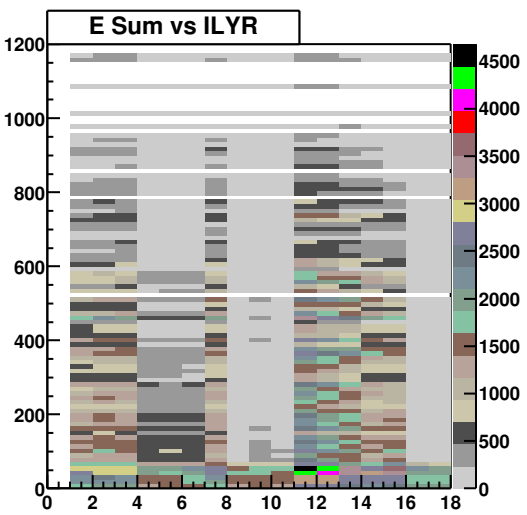




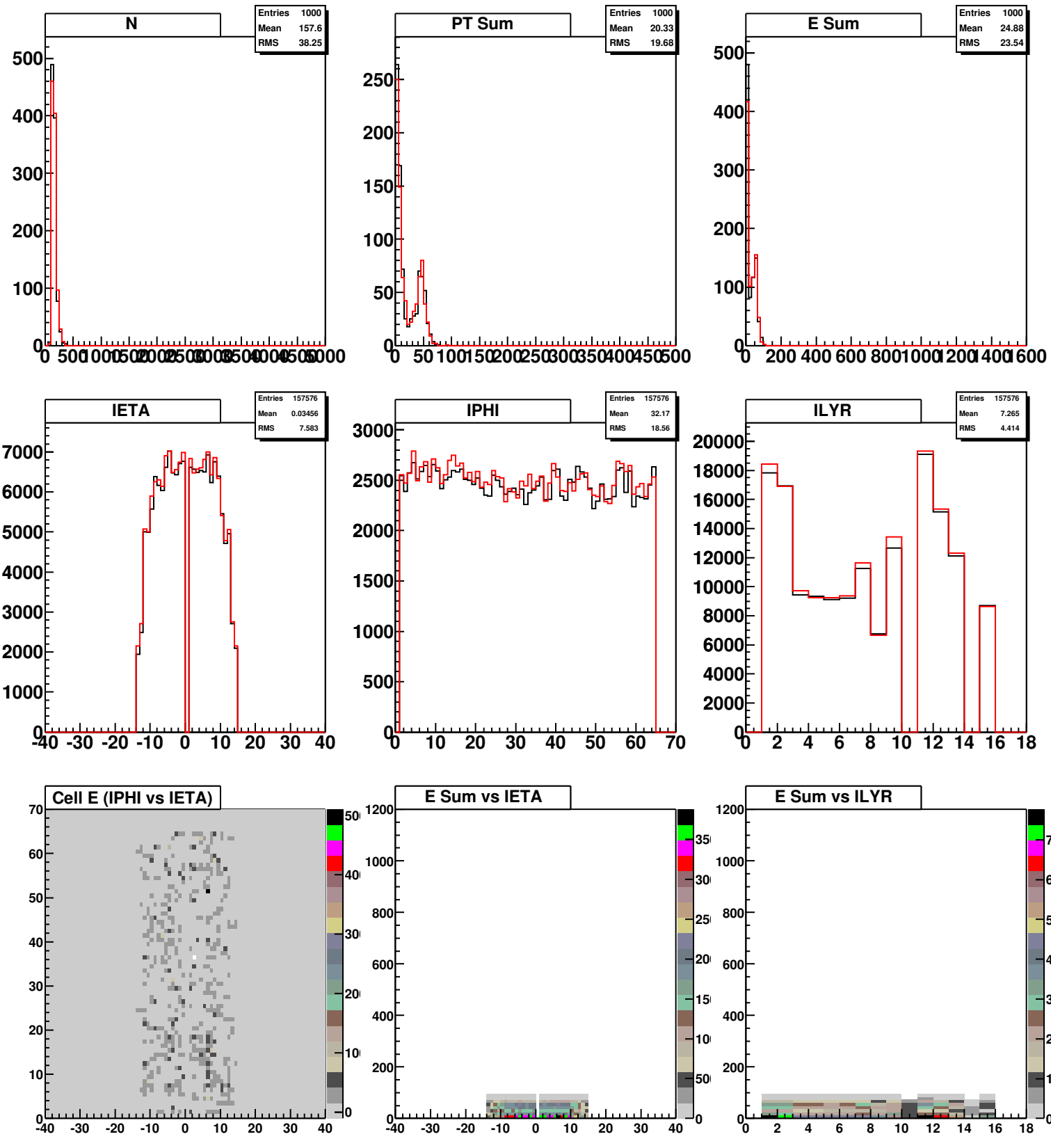




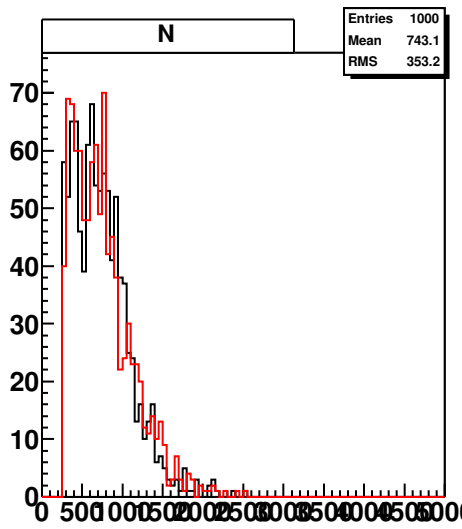


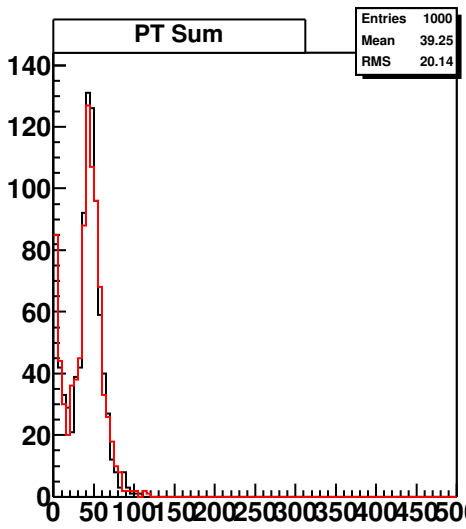


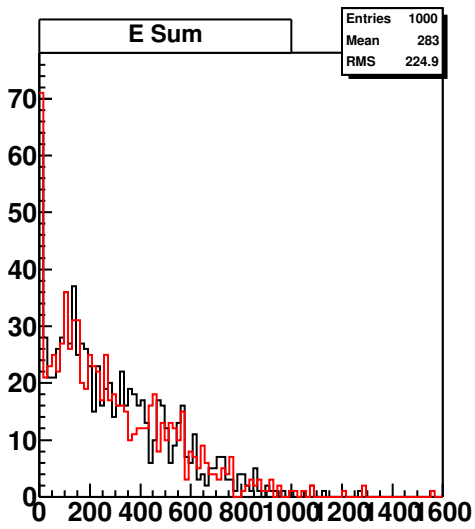
Calorimeter (All cells)

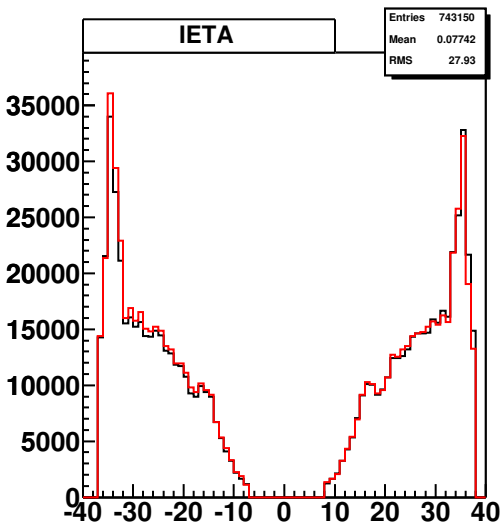


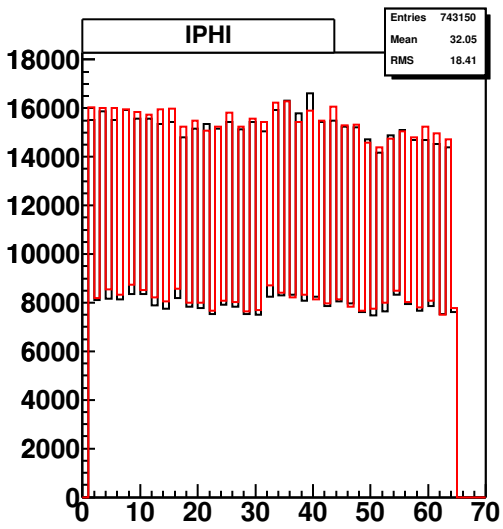
Calorimeter (All CC cells)

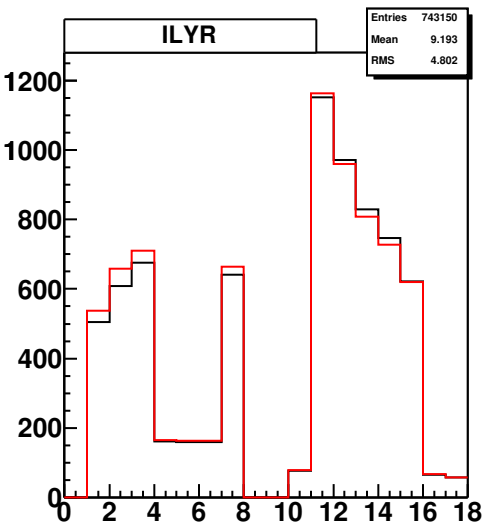


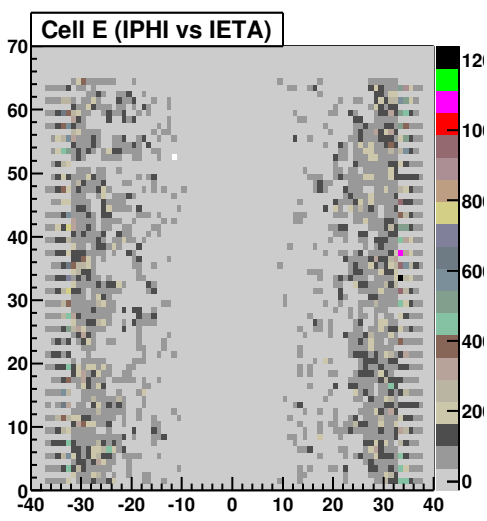


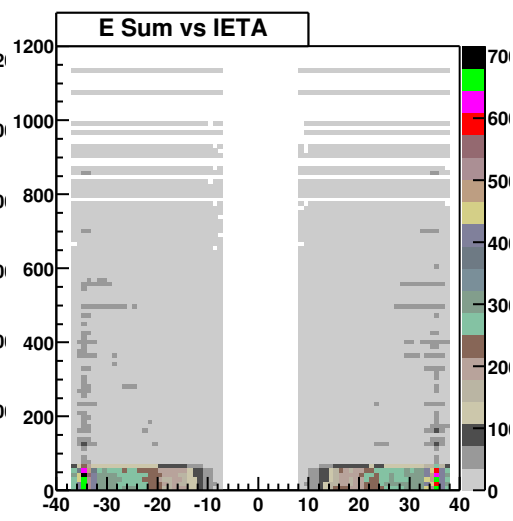


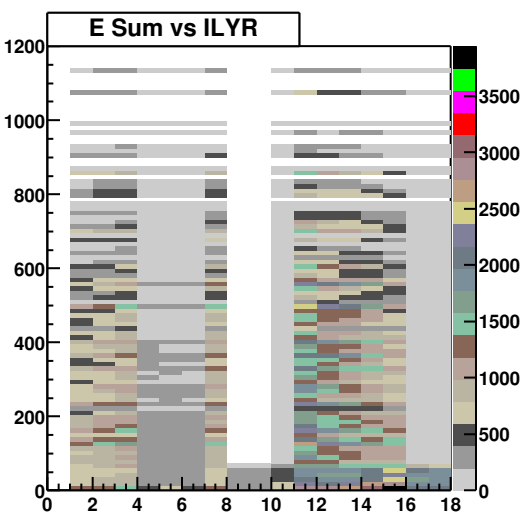




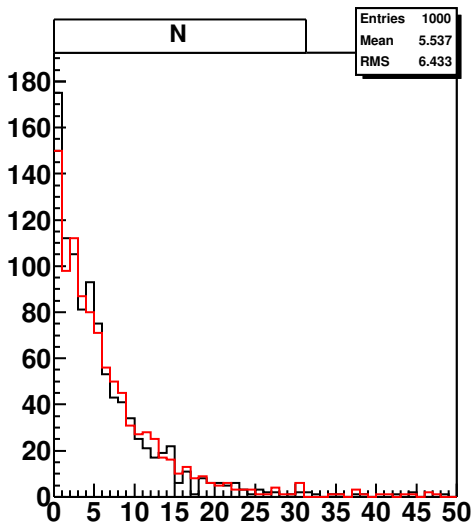


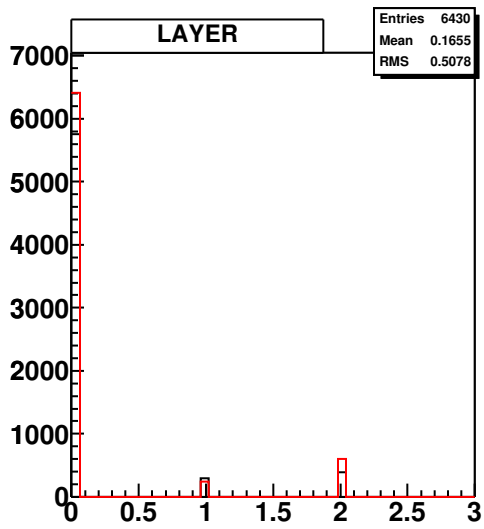


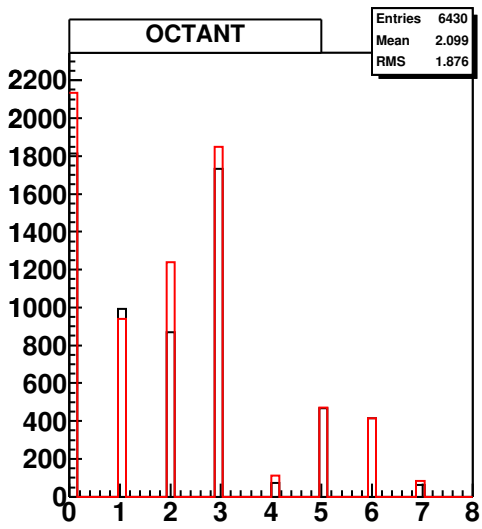


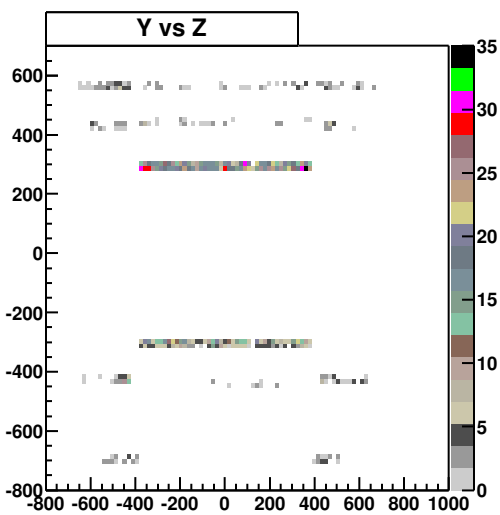


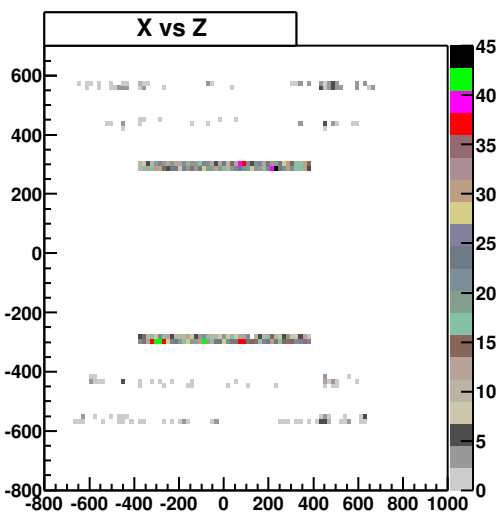
Calorimeter (All EC cells)

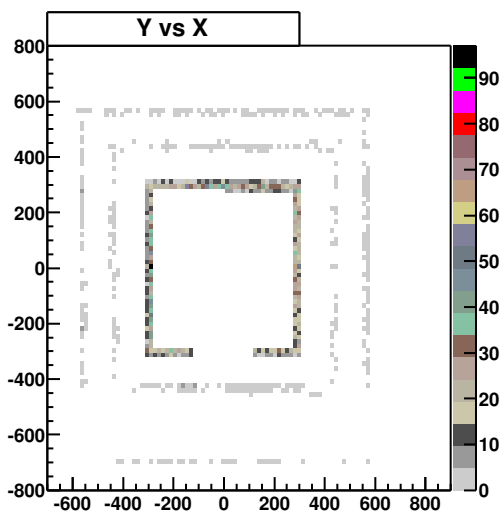

N
Entries 1000
Mean 5.537
RMS 6.433

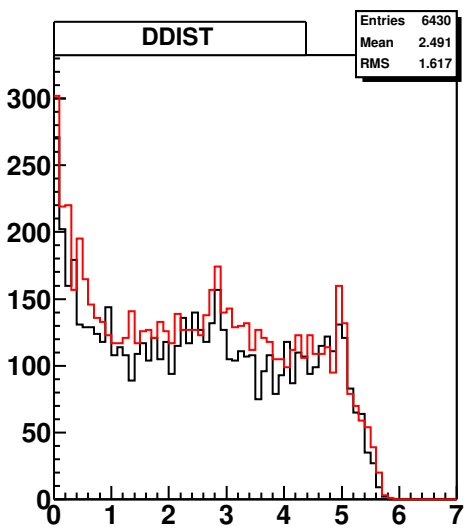

LAYER
Entries 6430
Mean 0.1655
RMS 0.5078

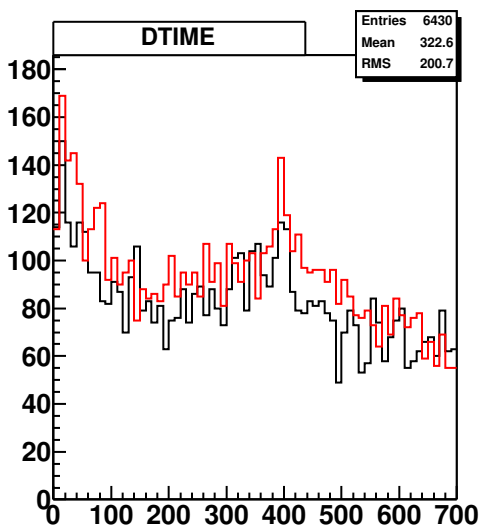

OCTANT
Entries 6430
Mean 2.099
RMS 1.876


Y vs Z

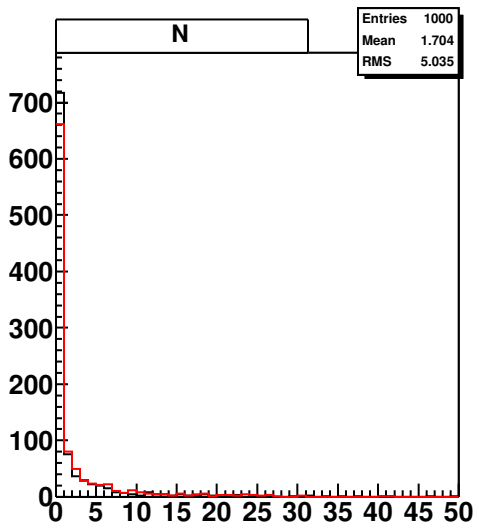

X vs Z

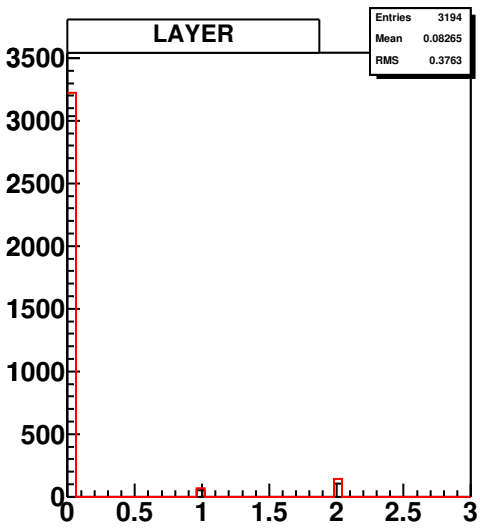

Y vs X

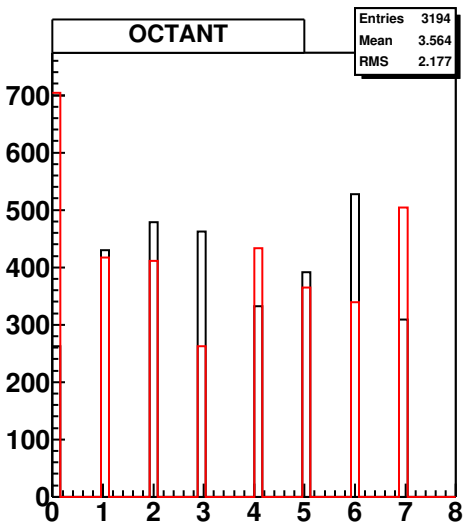

DDIST
Entries 6430
Mean 2.491
RMS 1.617

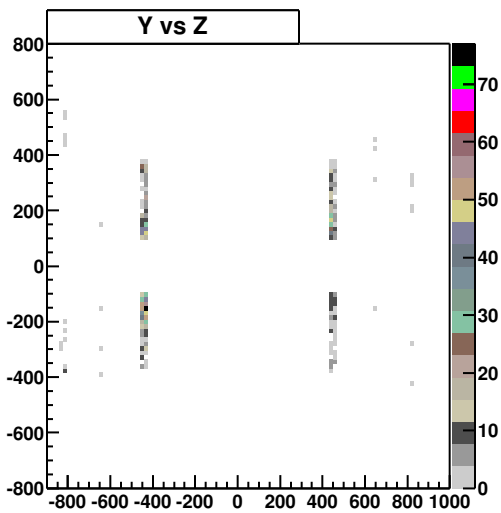

DTIME
Entries 6430
Mean 322.6
RMS 200.7

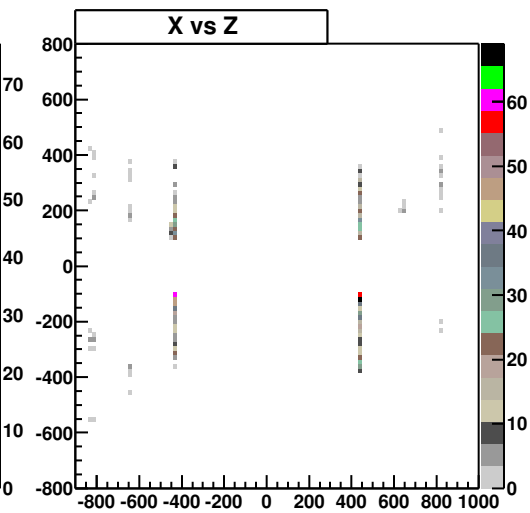
MuonPDT (All)

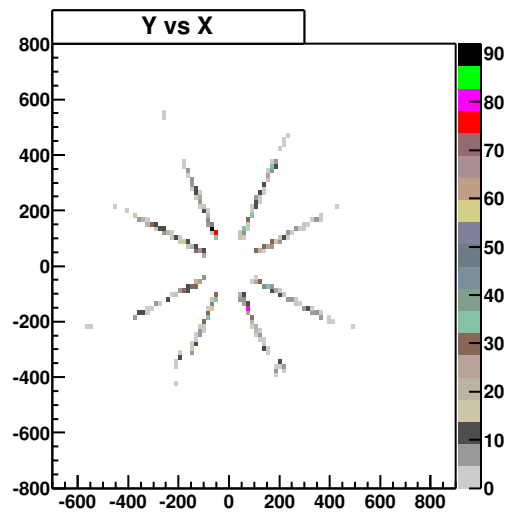

N
Entries 1000
Mean 1.704
RMS 5.035

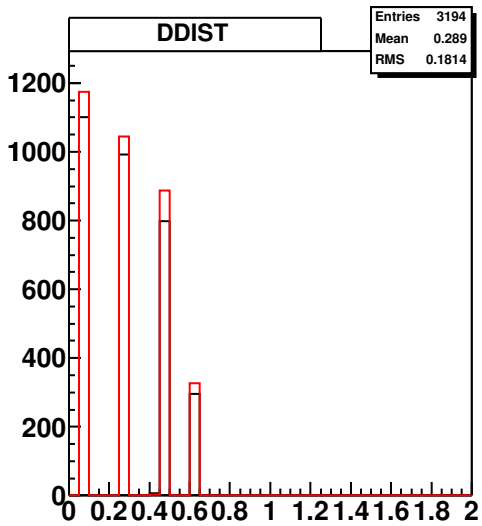

LAYER
Entries 3194
Mean 0.08265
RMS 0.3763

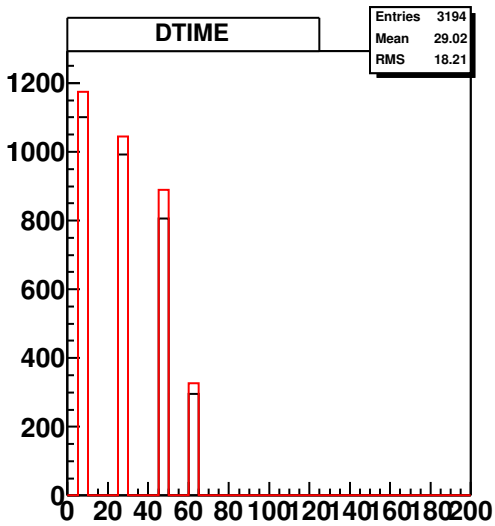

OCTANT
Entries 3194
Mean 3.564
RMS 2.177


Y vs Z

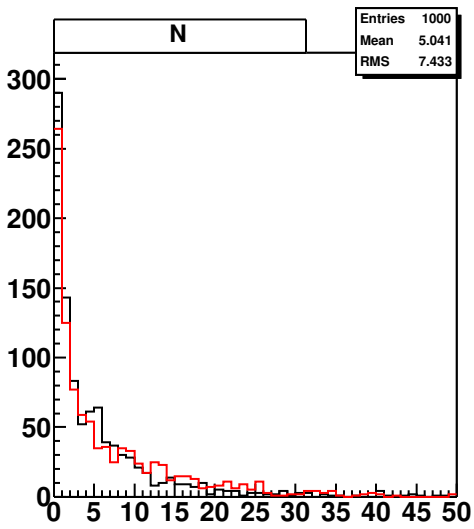

X vs Z

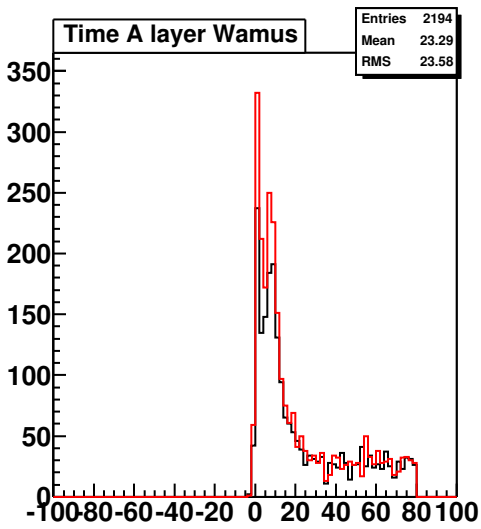

Y vs X

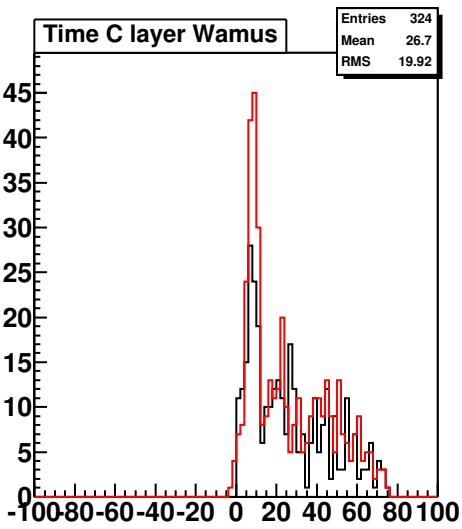

DDIST
Entries 3194
Mean 0.289
RMS 0.1814

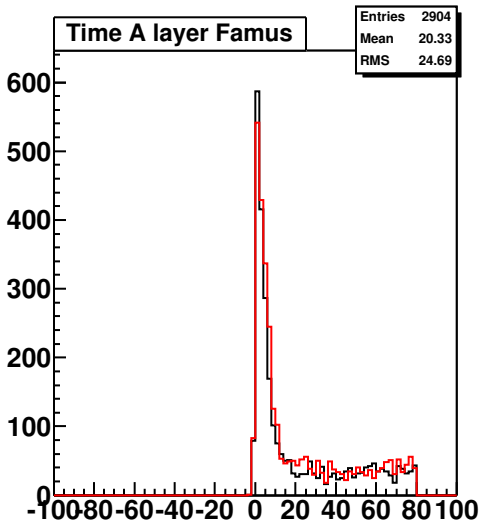

DTIME
Entries 3194
Mean 29.02
RMS 18.21

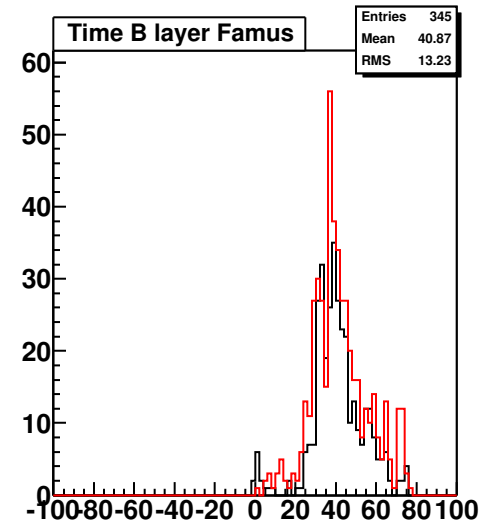
MuonMDT (All)

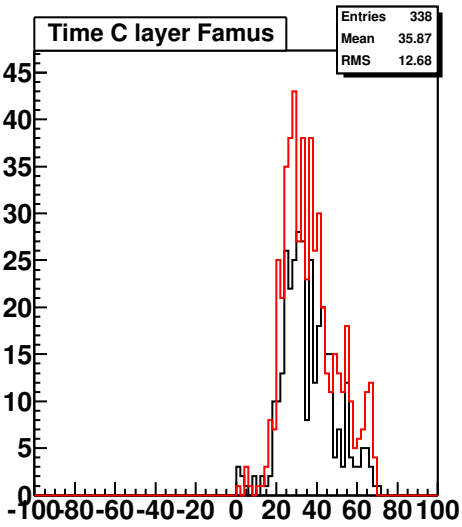

N
Entries 1000
Mean 5.041
RMS 7.433

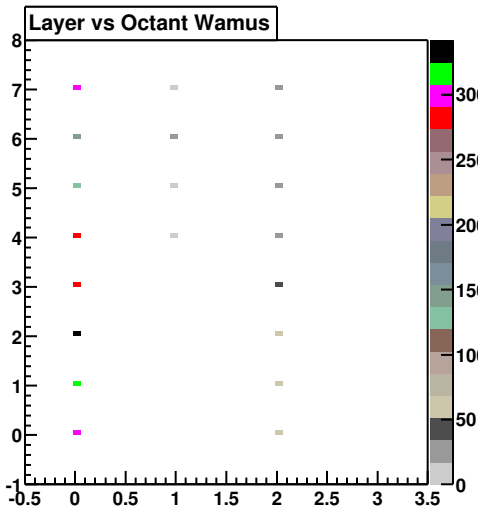

Time A layer Wamus
Entries 2194
Mean 23.29
RMS 23.58

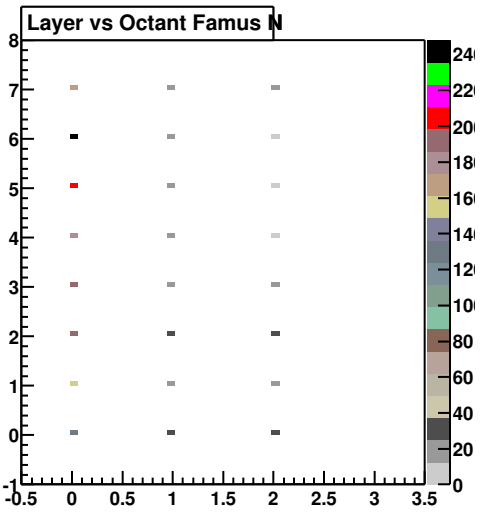

Time C layer Wamus
Entries 324
Mean 26.7
RMS 19.92

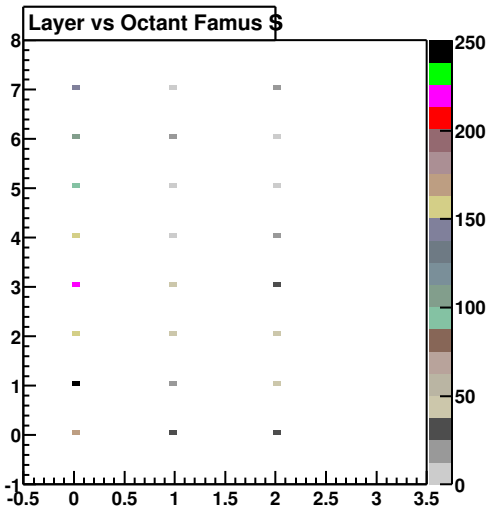

Time A layer Famus
Entries 2904
Mean 20.33
RMS 24.69


Time B layer Famus
Entries 345
Mean 40.87
RMS 13.23

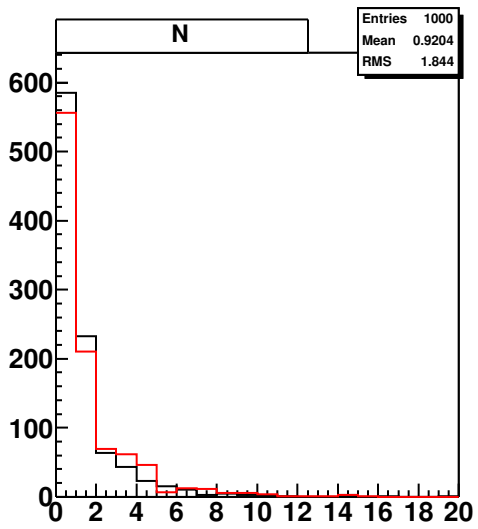

Time C layer Famus
Entries 338
Mean 35.87
RMS 12.68

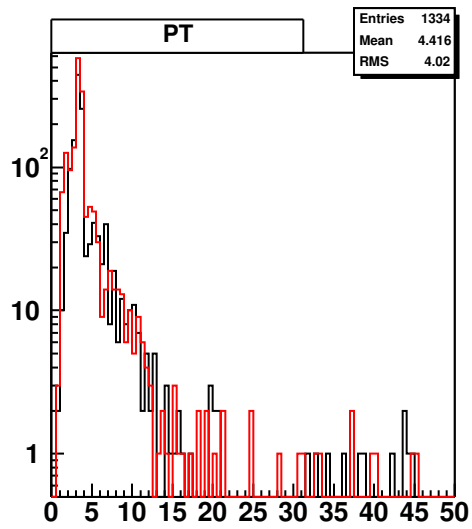

Layer vs Octant Wamus

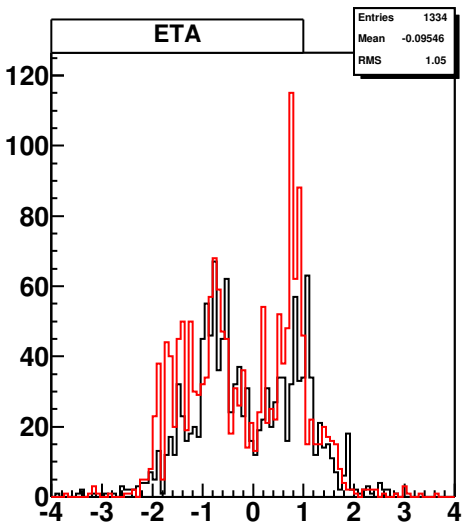

Layer vs Octant Famus N

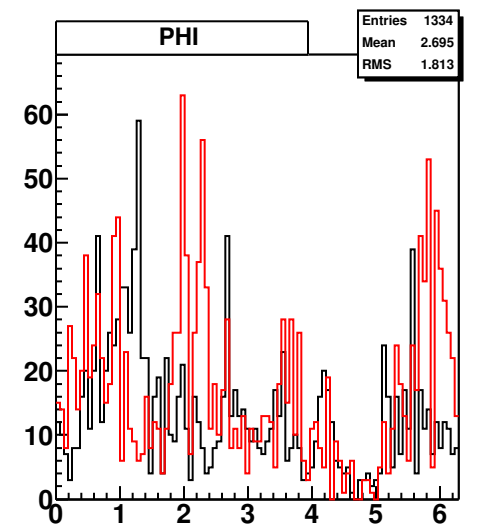

Layer vs Octant Famus $

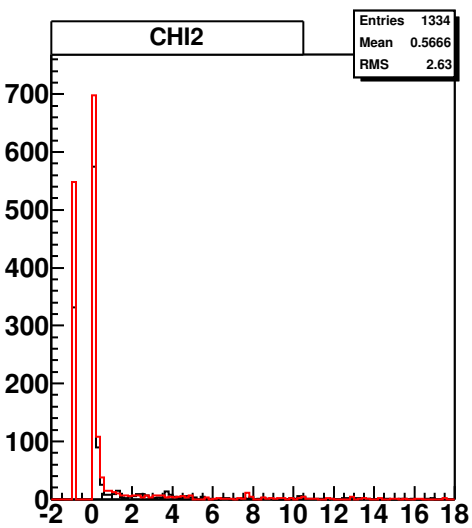
MuonMSC (All)

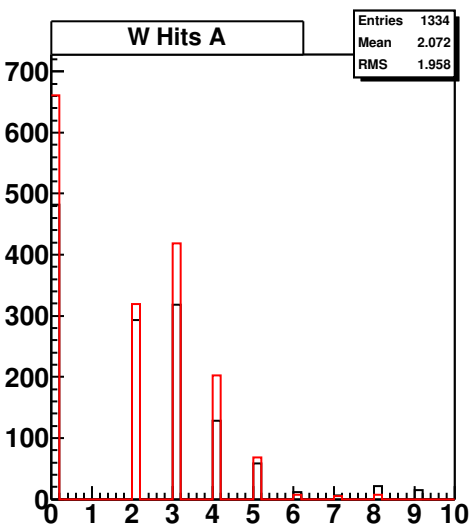


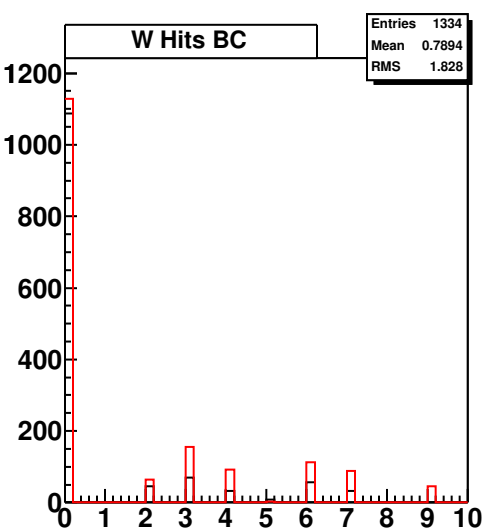


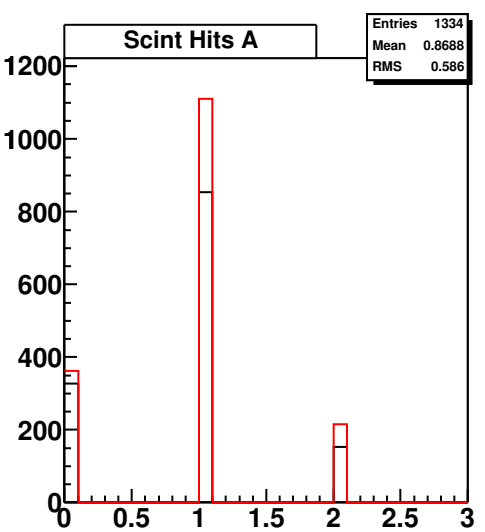


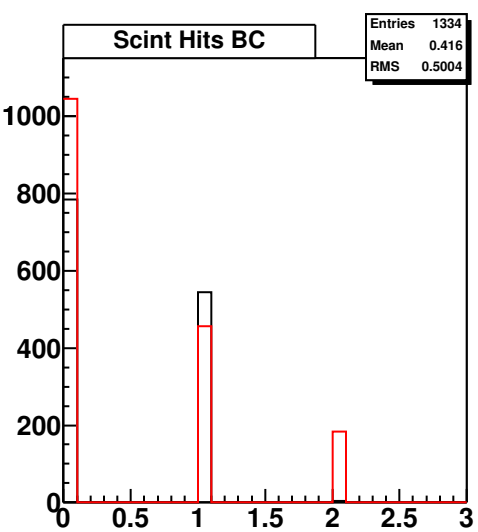




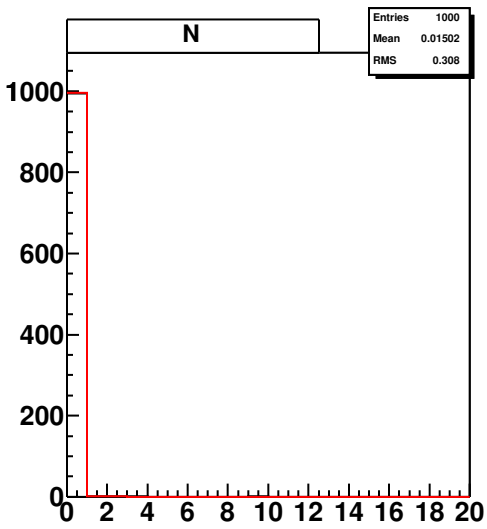


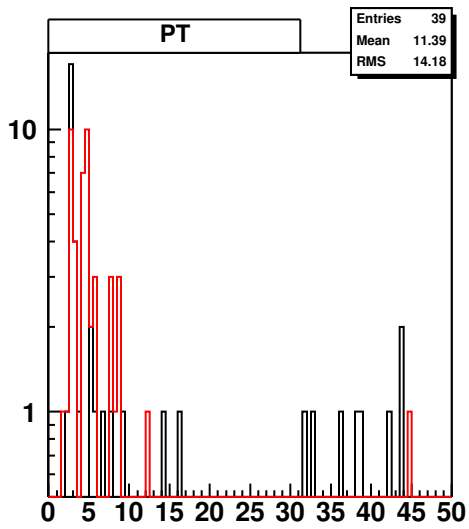


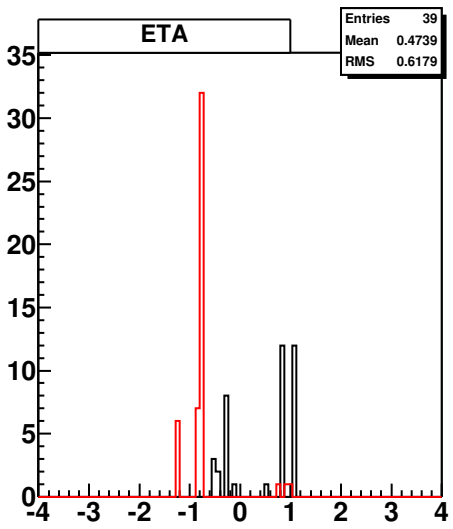


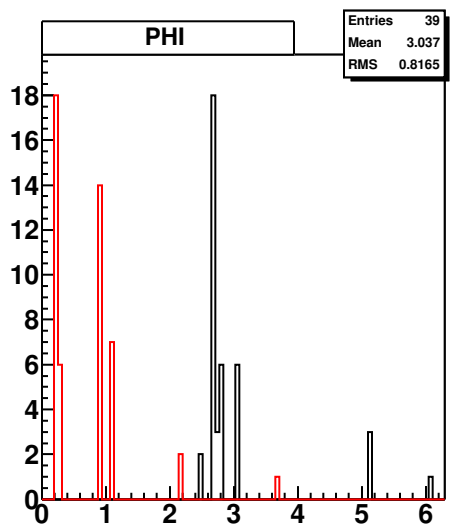


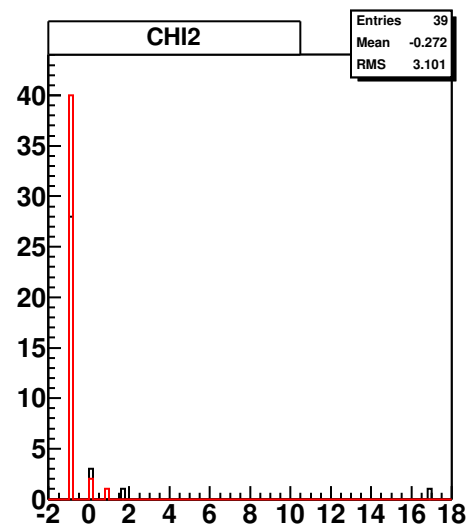
Muon Local Tracks (All)

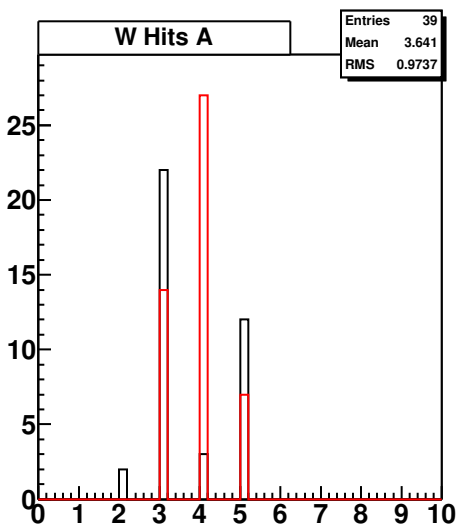


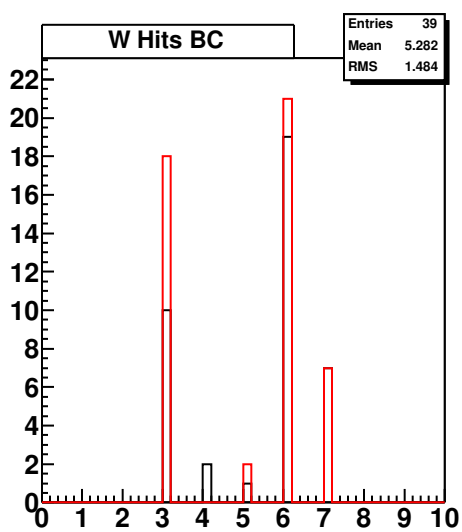


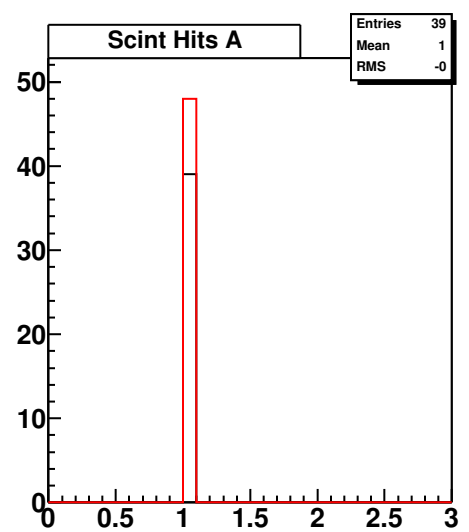


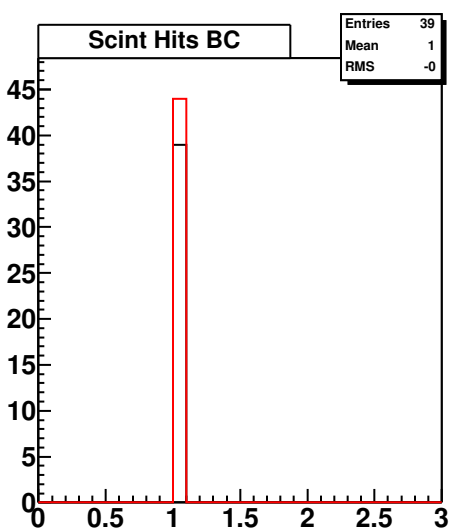




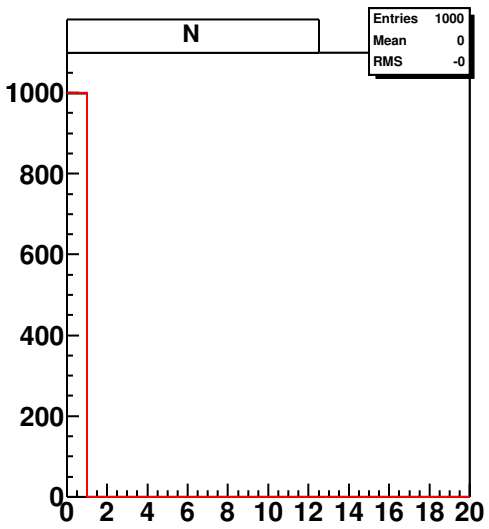


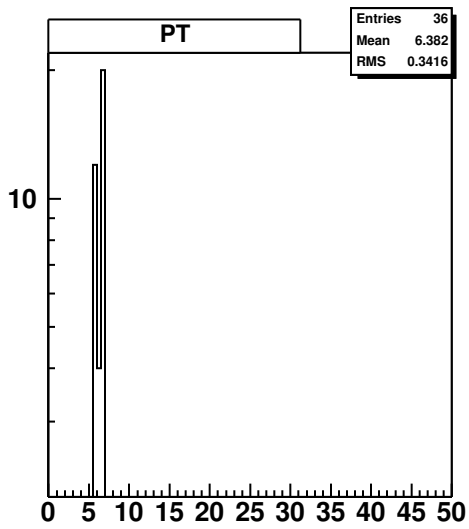


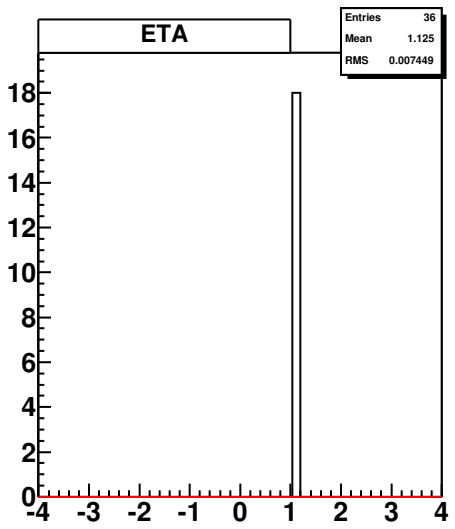


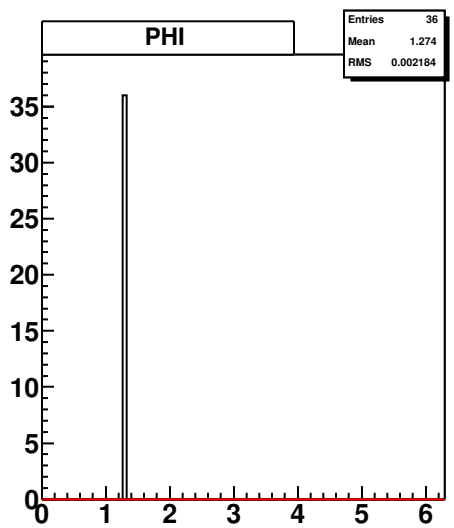


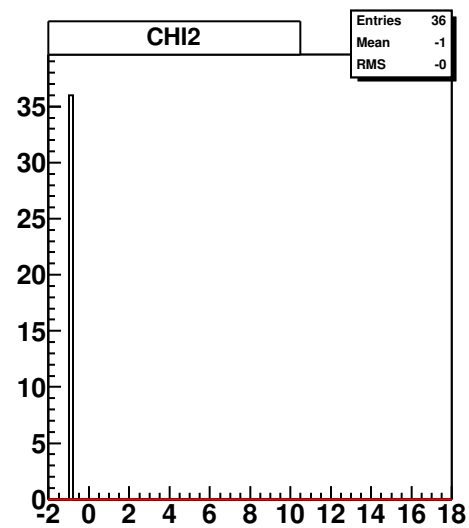
Muon Local Tracks (MediumWamus)

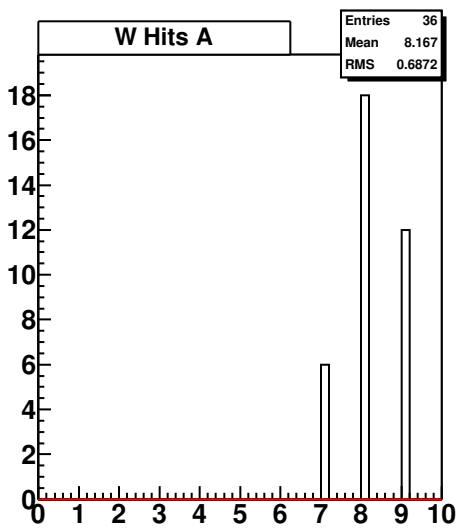


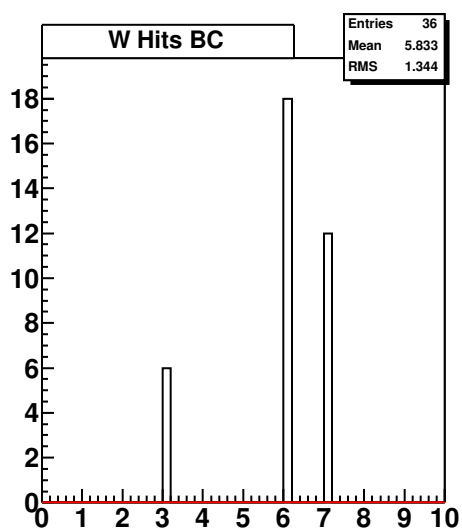


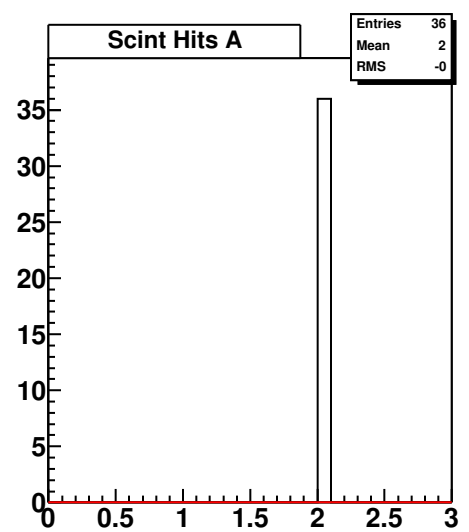


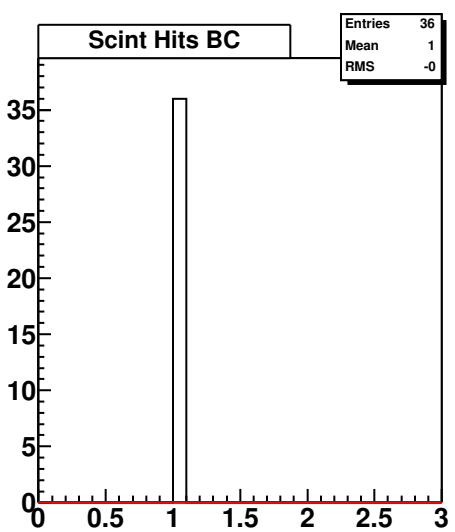












Muon Local Tracks (MediumFamus)