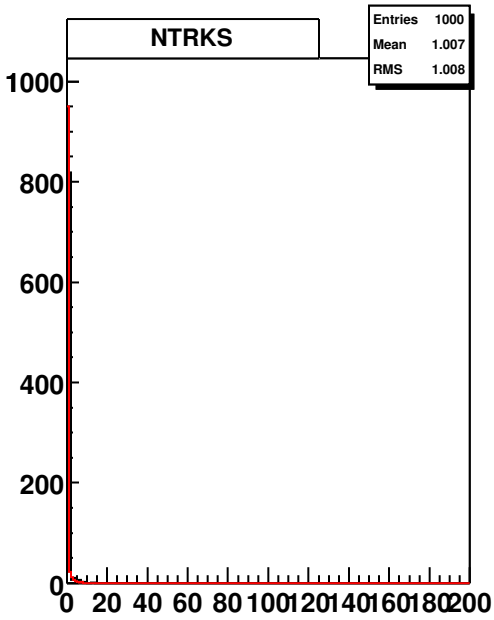
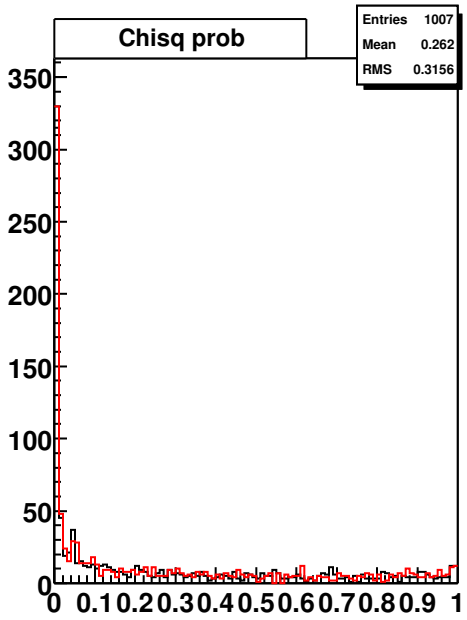
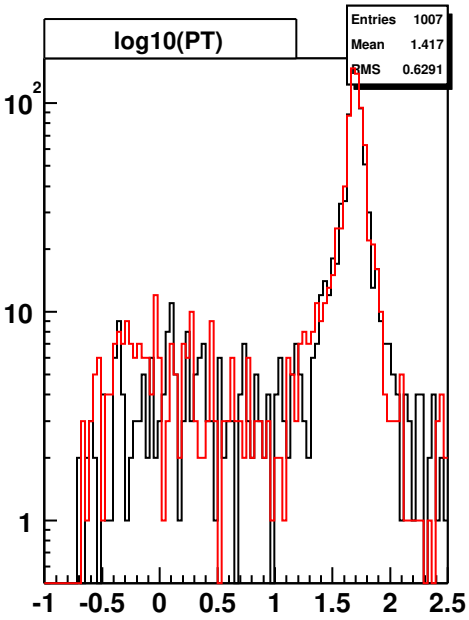
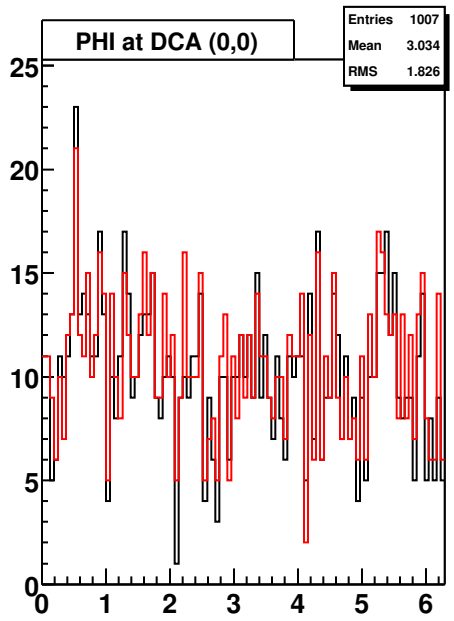
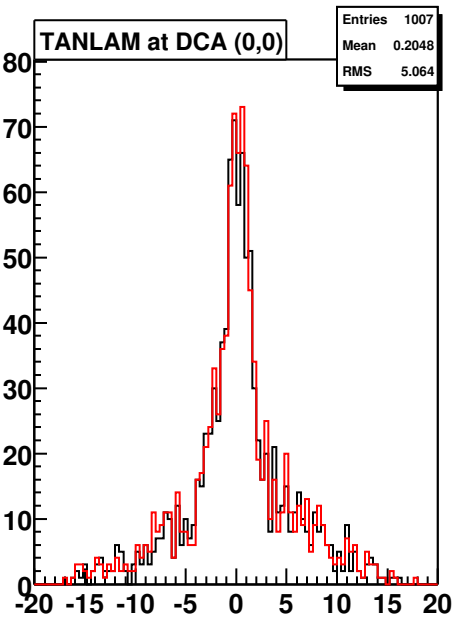
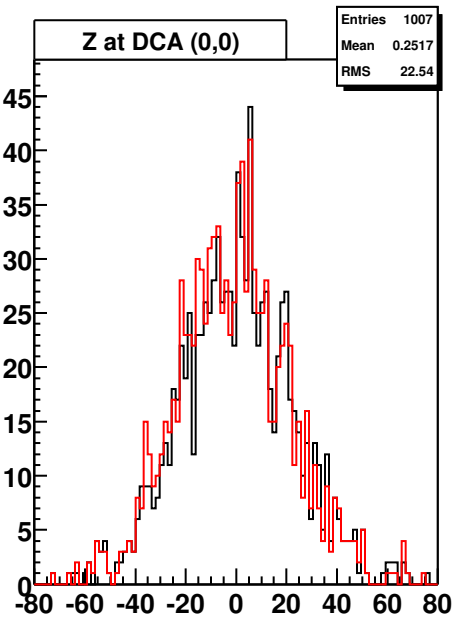

NTRKS
Entries 1000
Mean 1.007
RMS 1.008

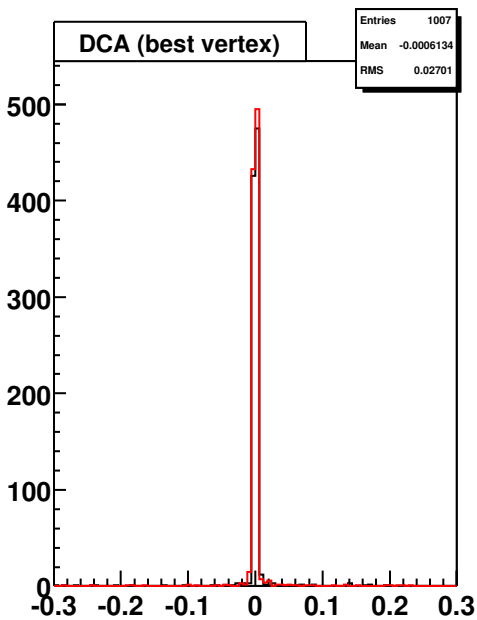

Chisq prob
Entries 1007
Mean 0.262
RMS 0.3156

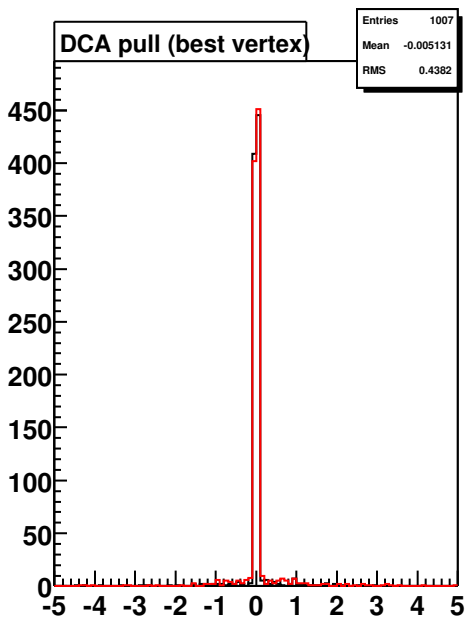

log10(PT)
Entries 1007
Mean 1.417
RMS 0.6291


PHI at DCA (0,0)
Entries 1007
Mean 3.034
RMS 1.826

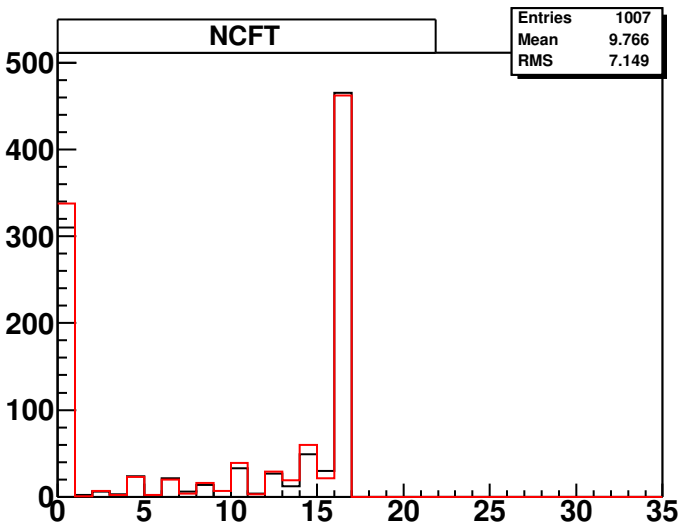

TANLAM at DCA (0,0)
Entries 1007
Mean 0.2048
RMS 5.064

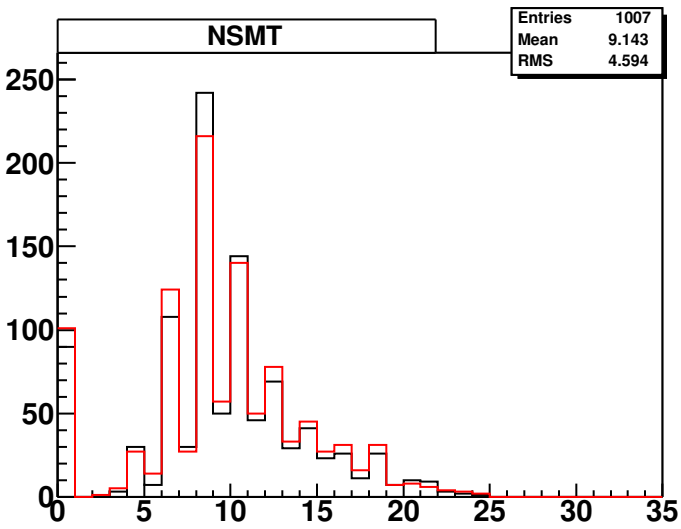

Z at DCA (0,0)
Entries 1007
Mean 0.2517
RMS 22.54

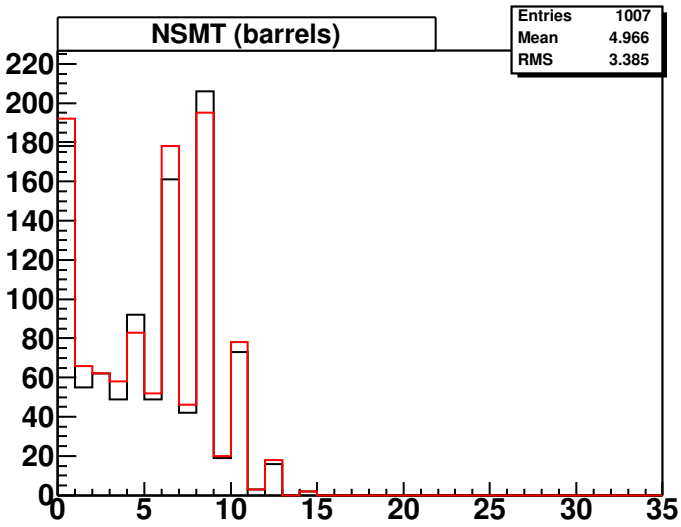

DCA (best vertex)
Entries 1007
Mean -0.0006134
RMS 0.02701

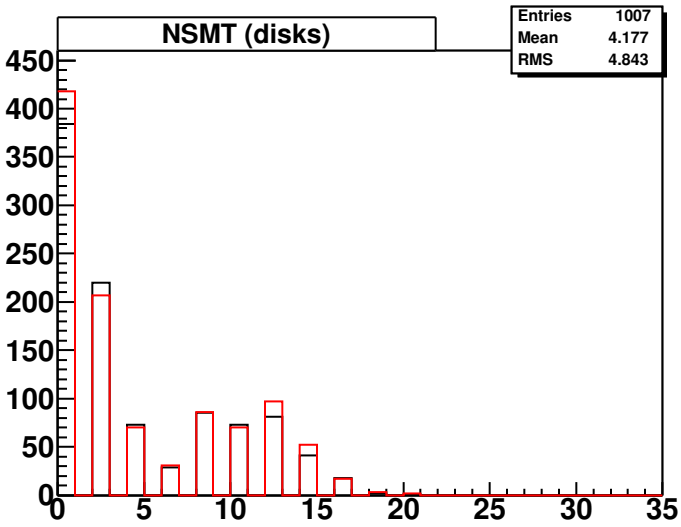

DCA pull (best vertex)
Entries 1007
Mean -0.005131
RMS 0.4382

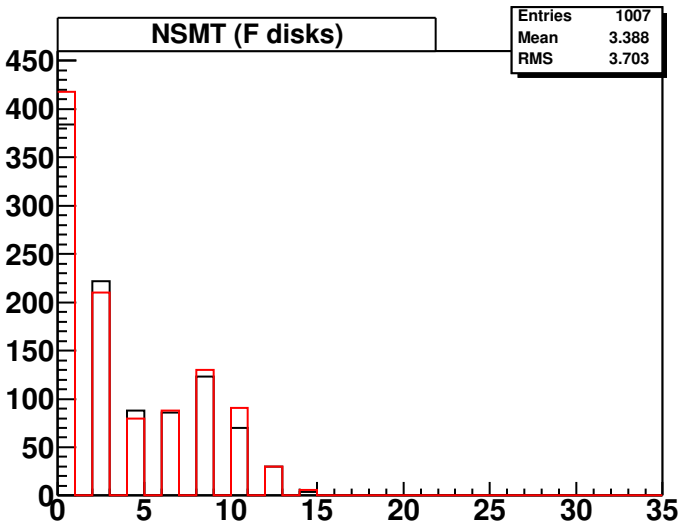
Tracks (All)

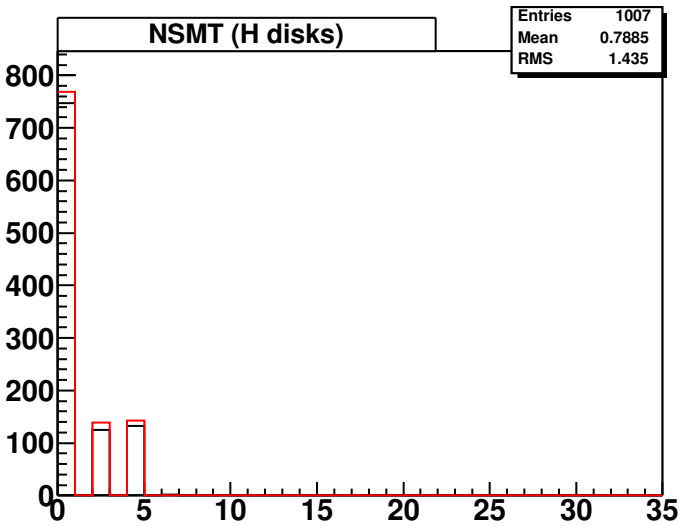




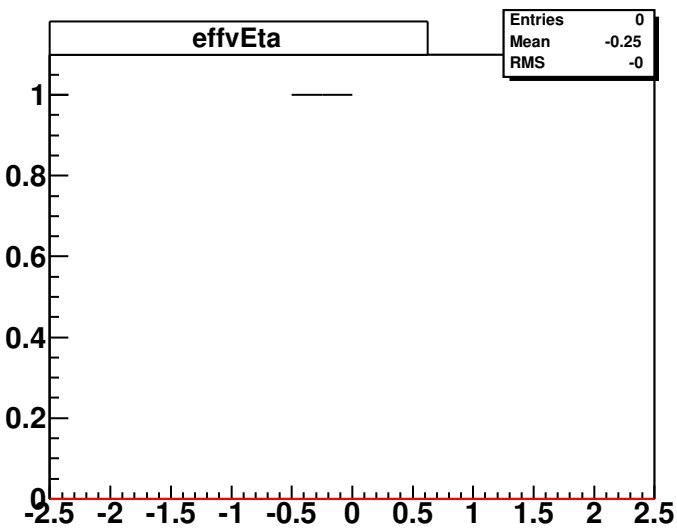


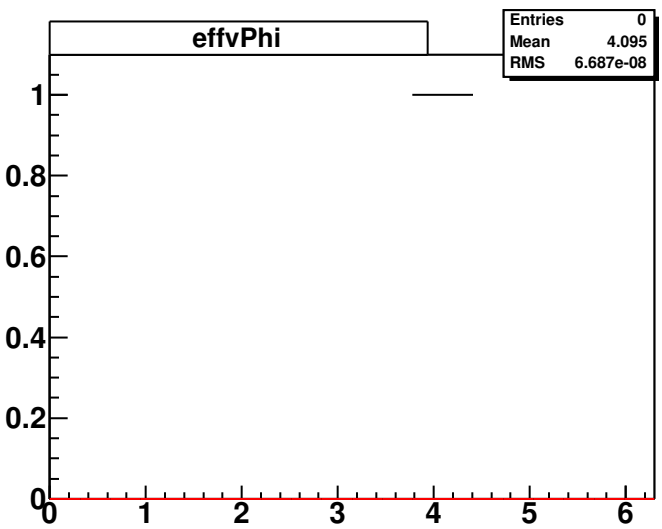


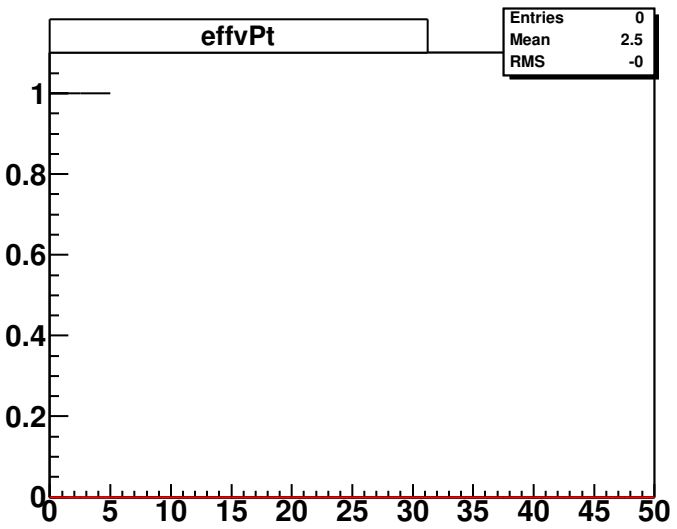


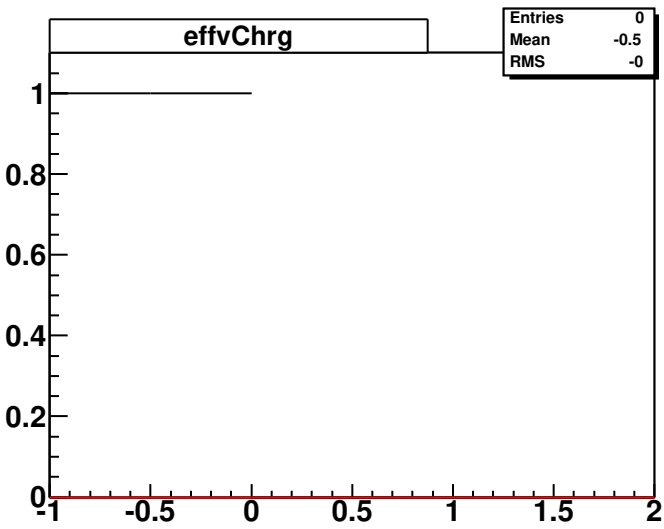


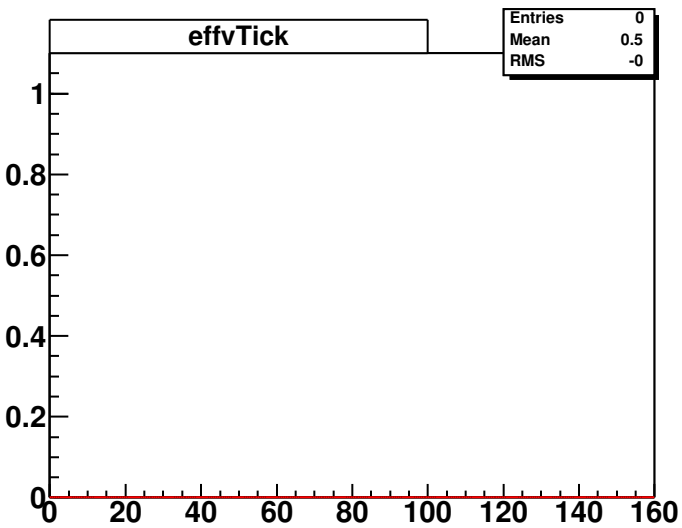
Track Hits (All)

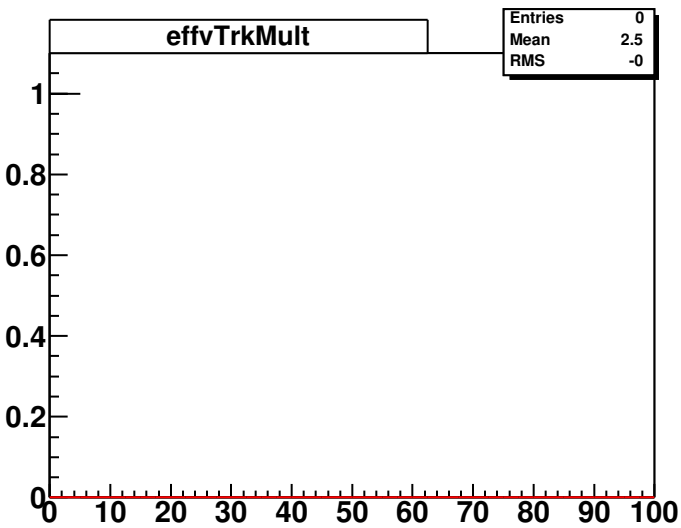




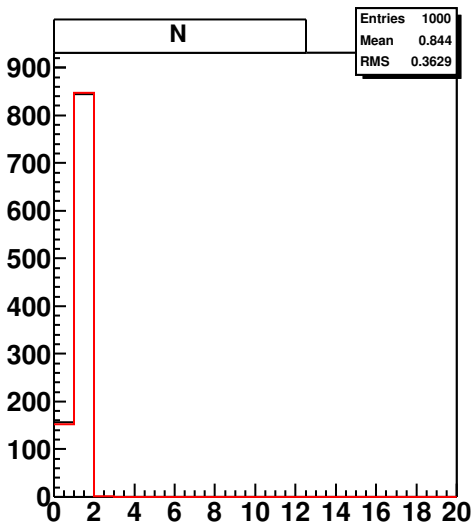


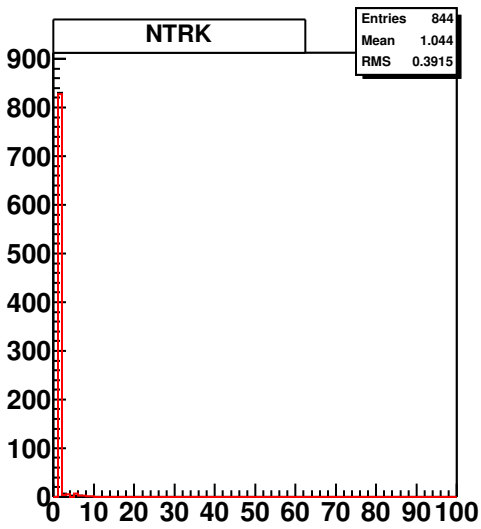


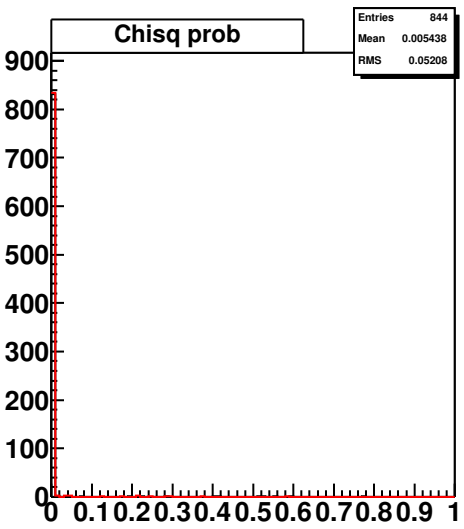


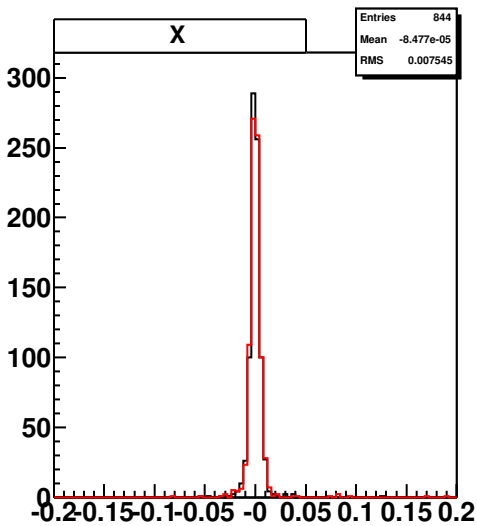


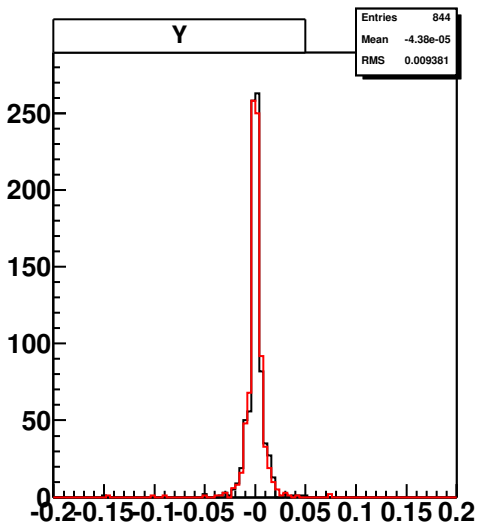
Tracking (Efficiency)

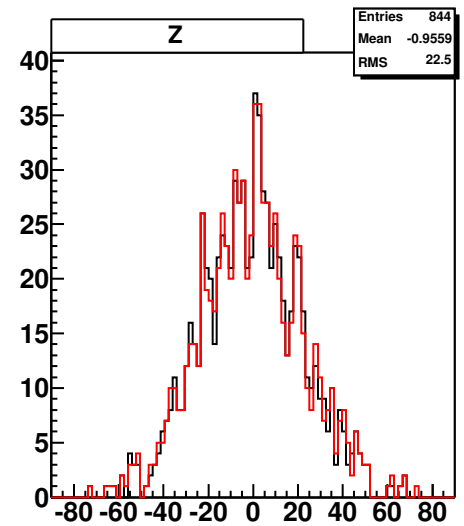


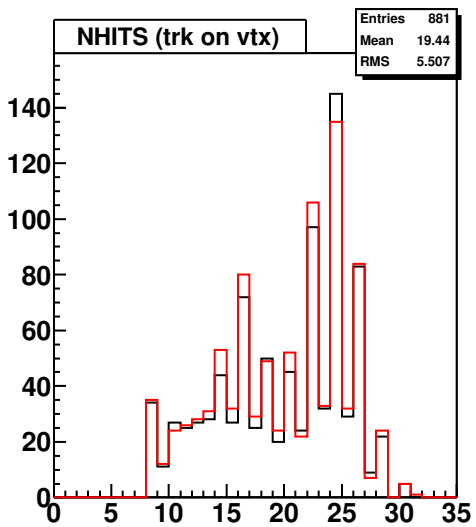


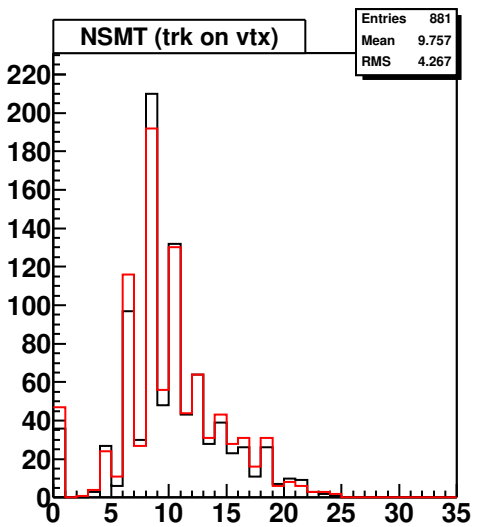


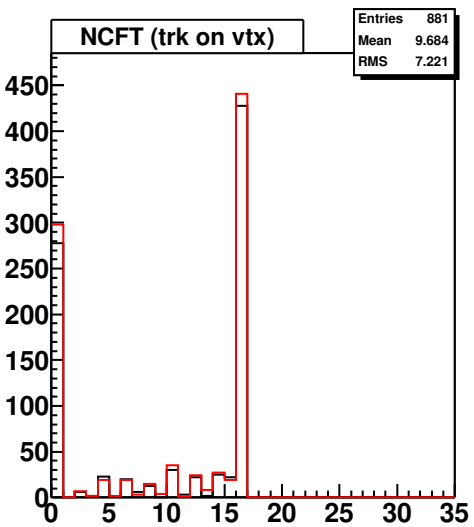




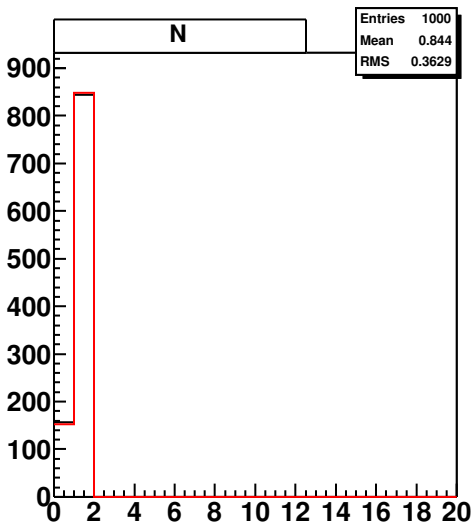


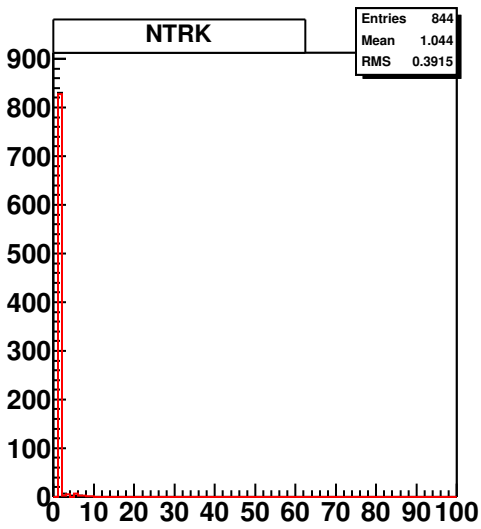


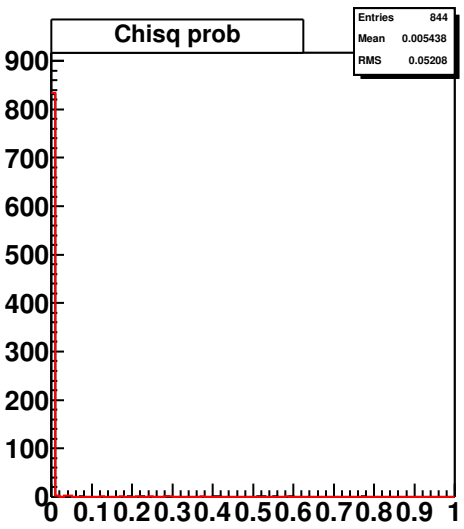


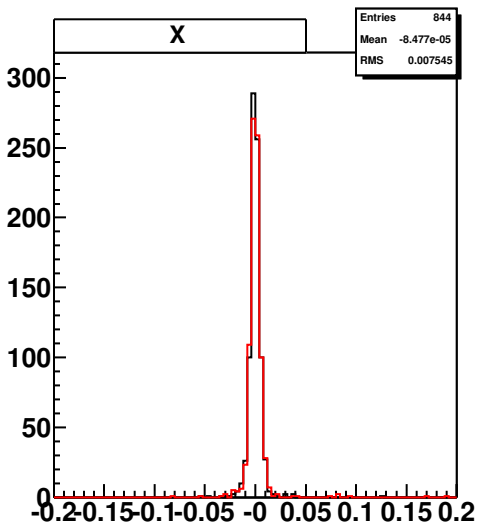


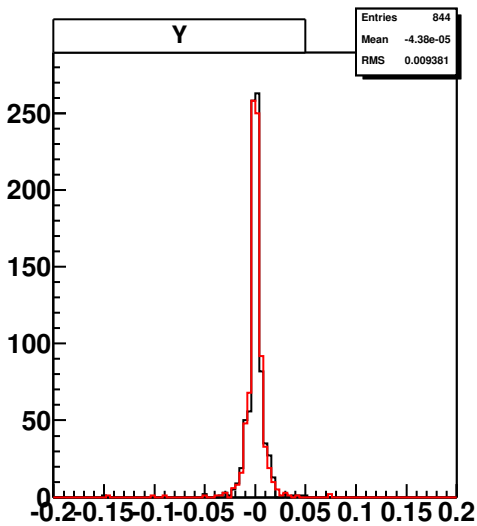
Vertices (Primary - all candidates)

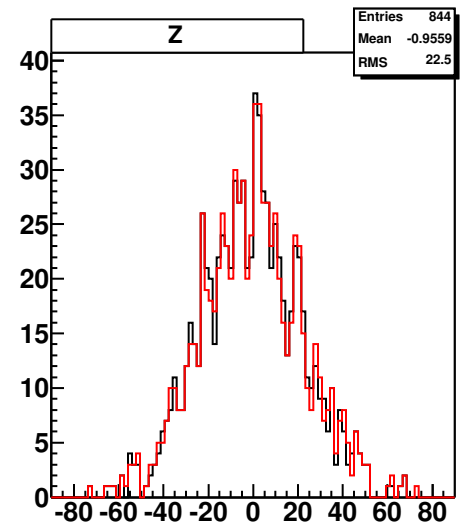


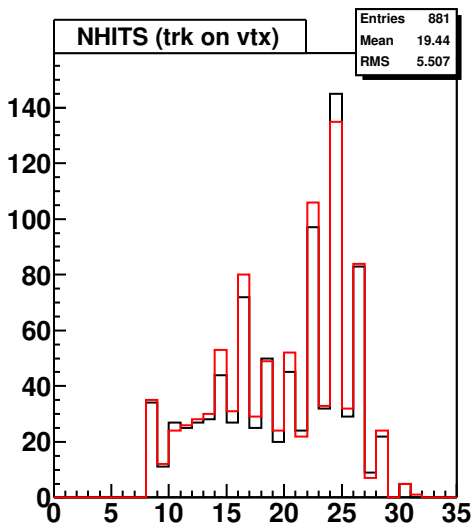


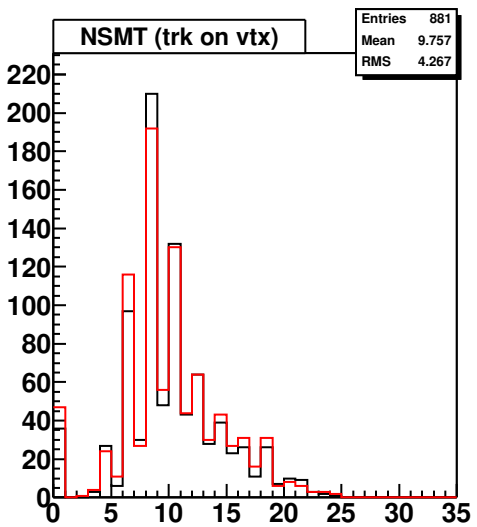


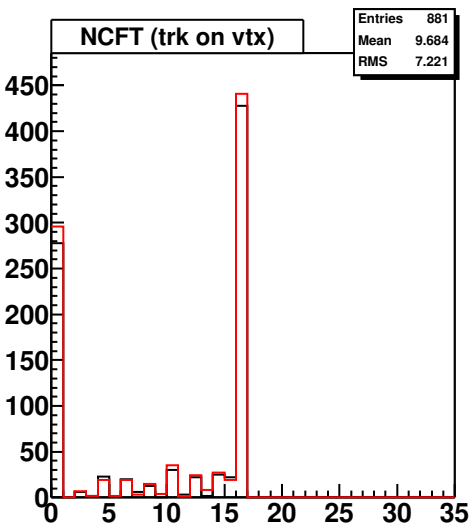




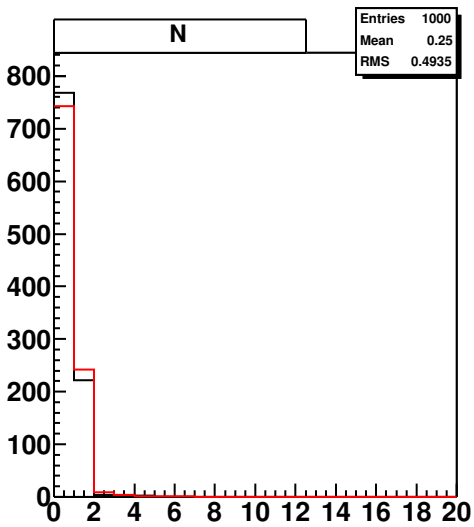


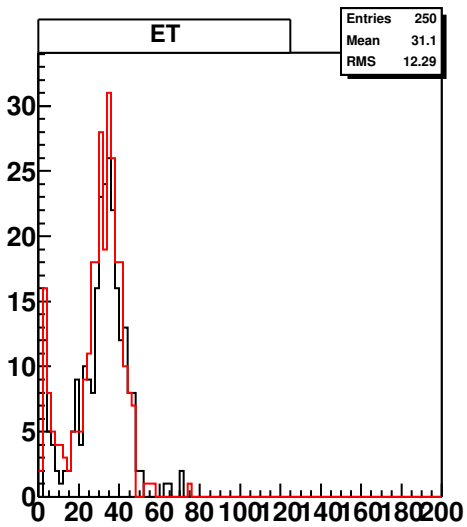


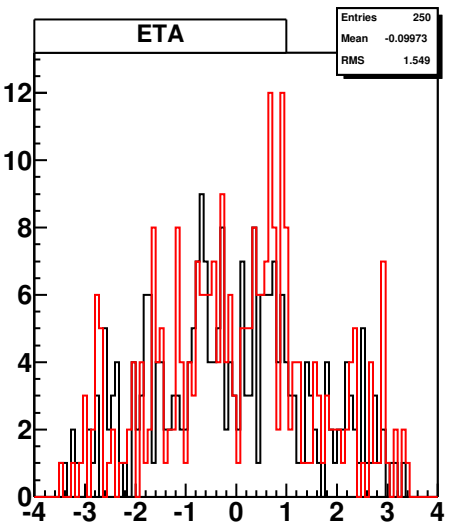


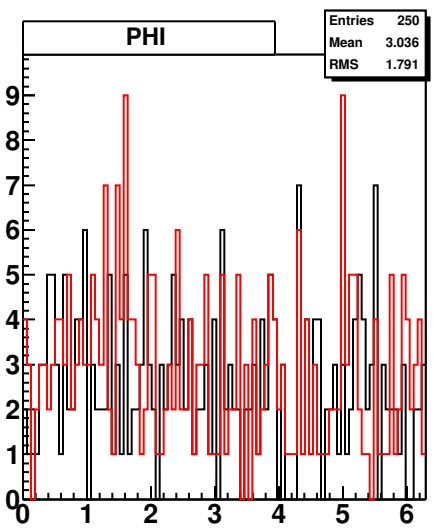


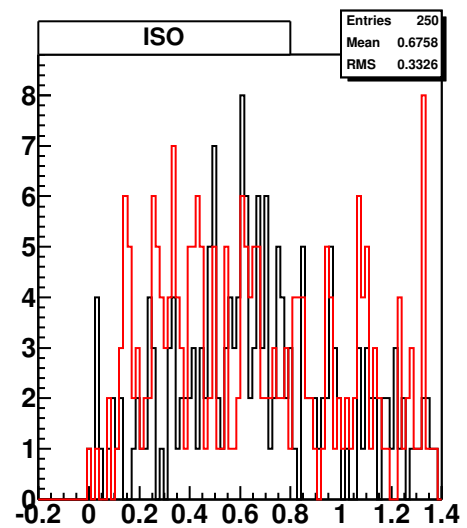
Vertices (Primary - best)

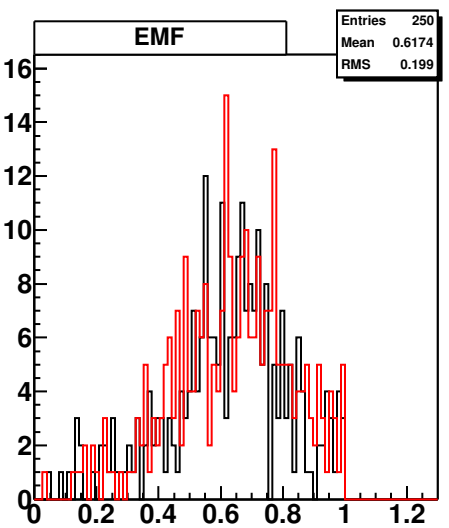


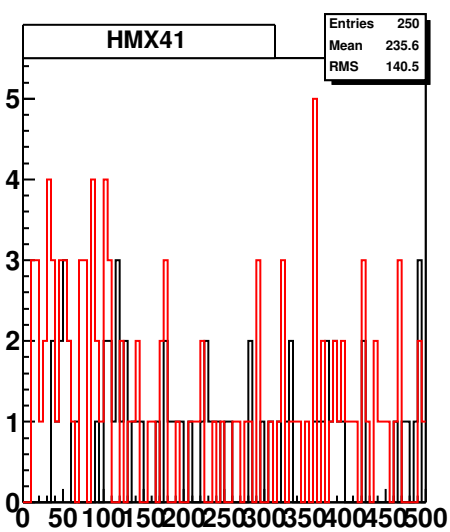


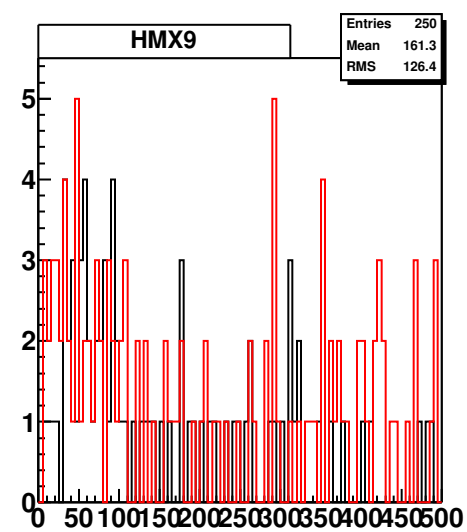


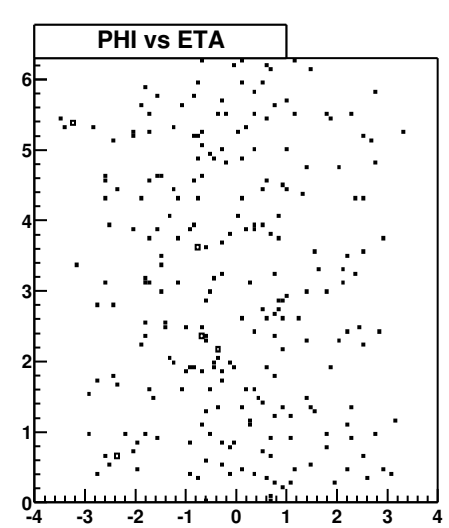




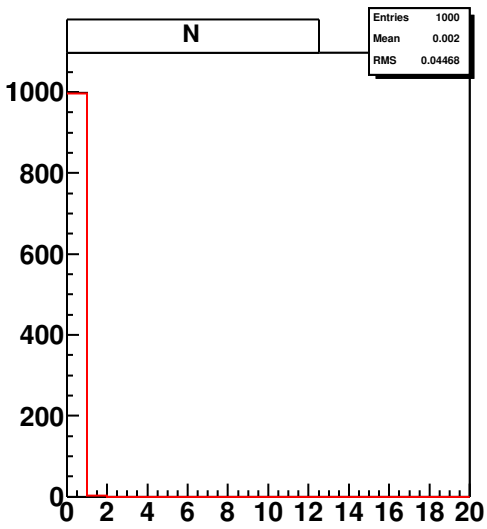


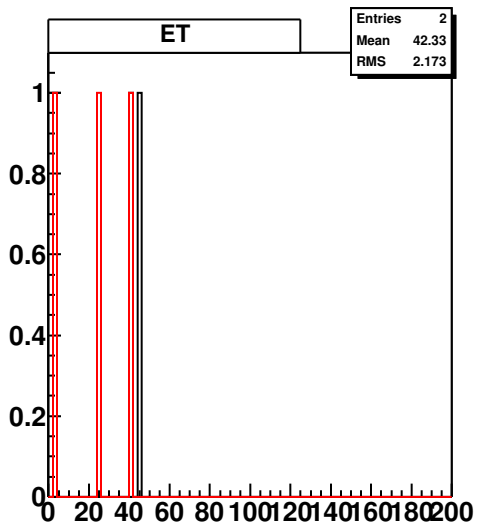


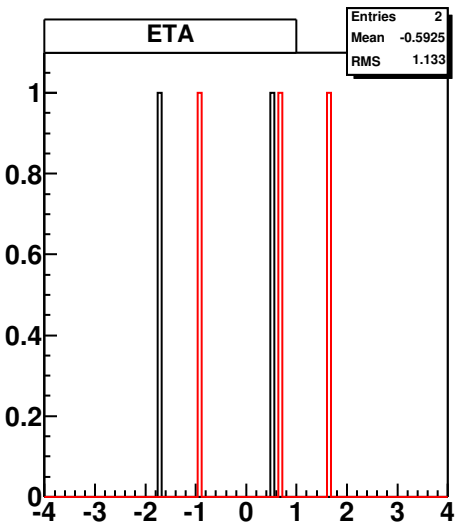


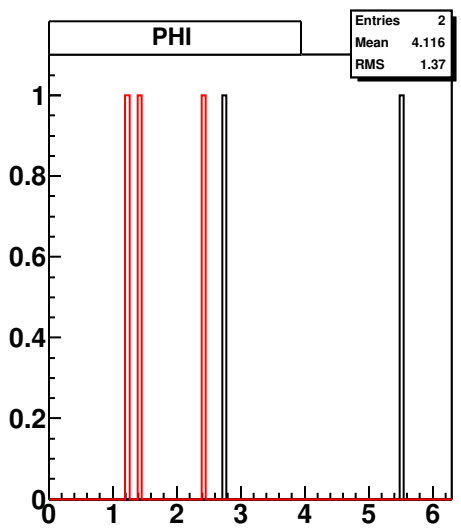


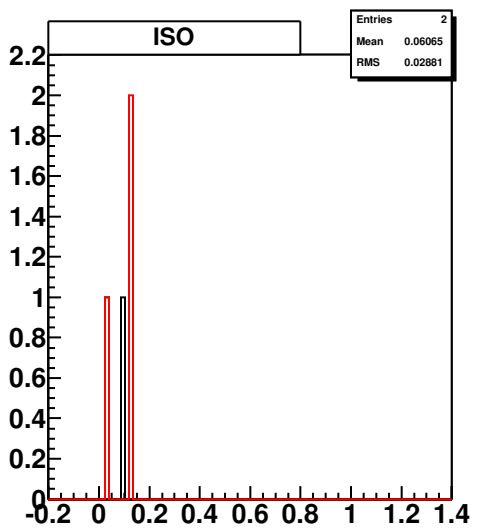
Electrons (SCONE All)

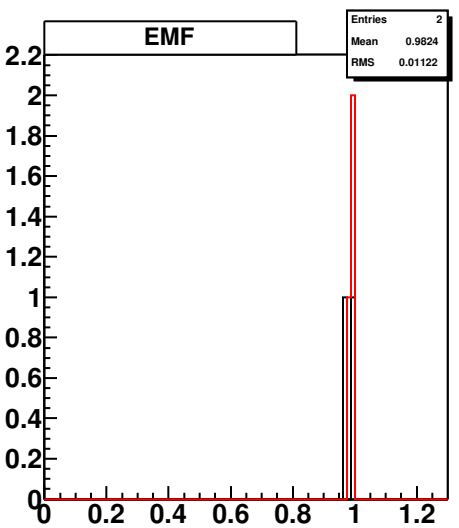


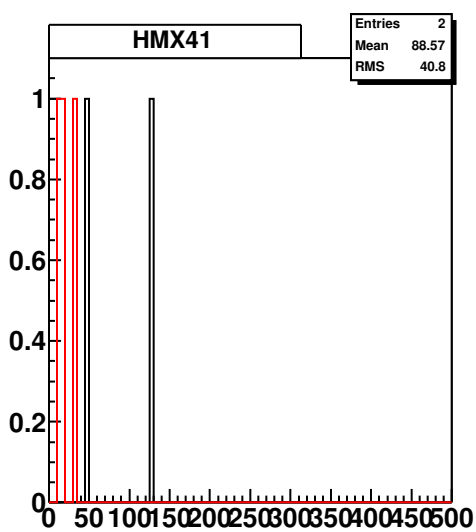


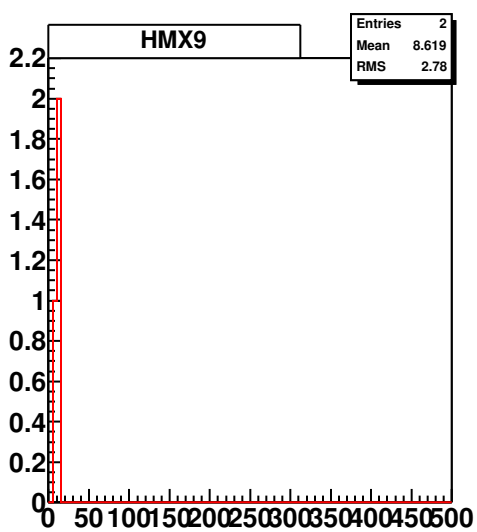


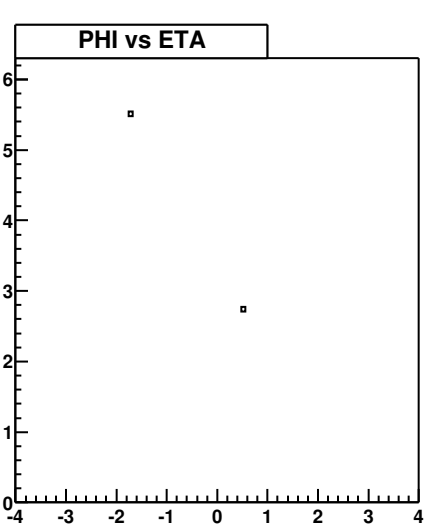




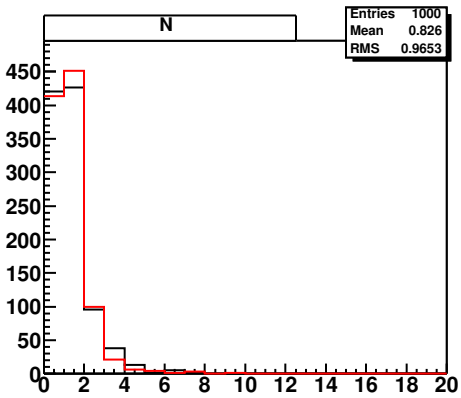


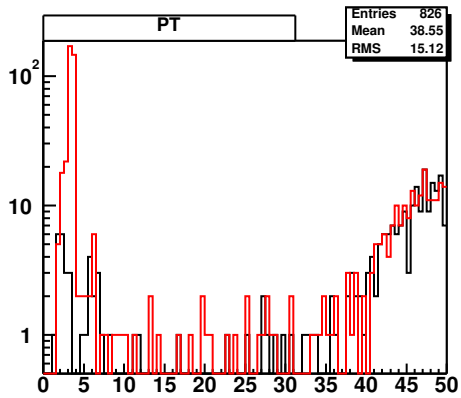


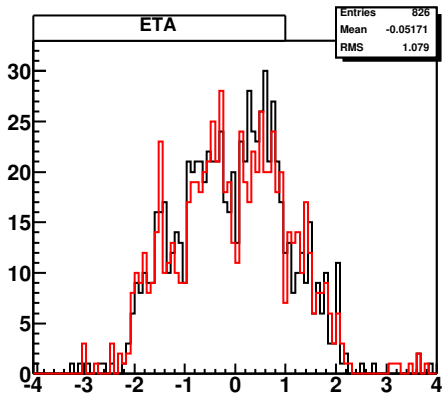


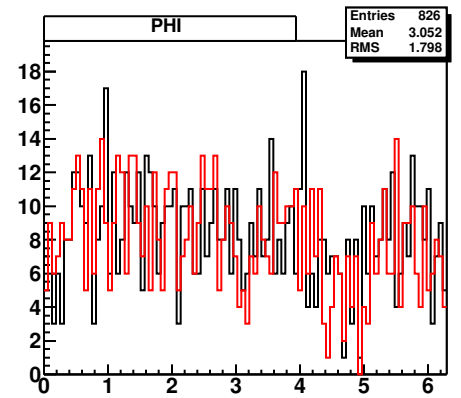


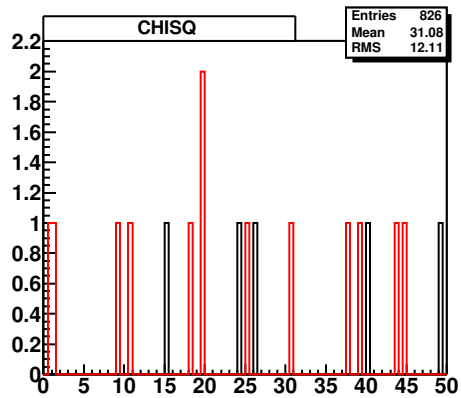
Electrons (SCONE Tight)

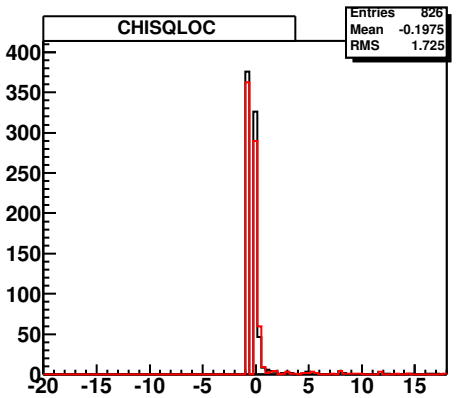

N
Entries 1000
Mean 0.826
RMS 0.9653

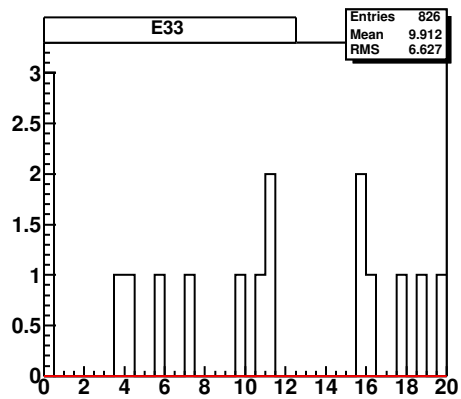

PT
Entries 826
Mean 38.55
RMS 15.12

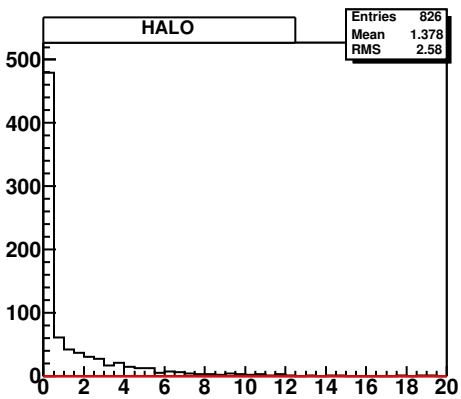

ETA
Entries 826
Mean -0.05171
RMS 1.079

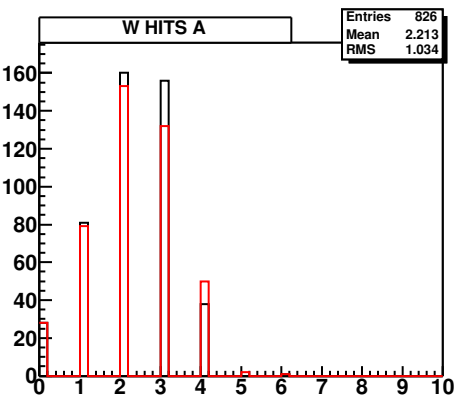

PHI
Entries 826
Mean 3.052
RMS 1.798

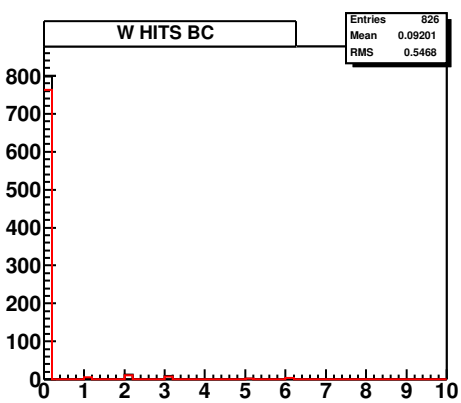

CHISQ
Entries 826
Mean 31.08
RMS 12.11

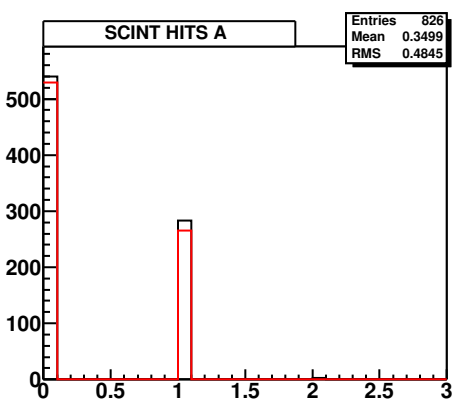

CHISQLOC
Entries 826
Mean -0.1975
RMS 1.725

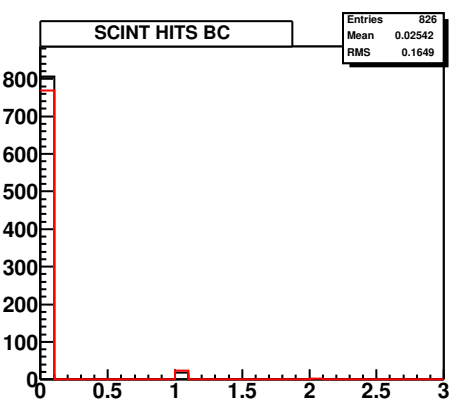

E33
Entries 826
Mean 9.912
RMS 6.627


HALO
Entries 826
Mean 1.378
RMS 2.58

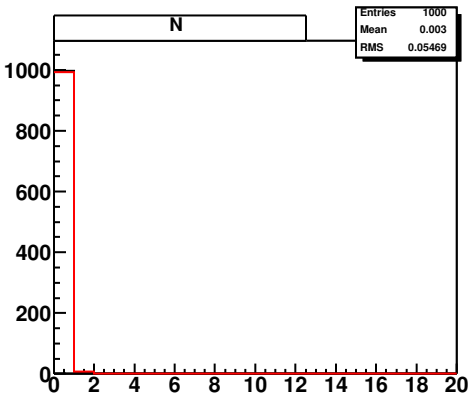

W HITS A
Entries 826
Mean 2.213
RMS 1.034

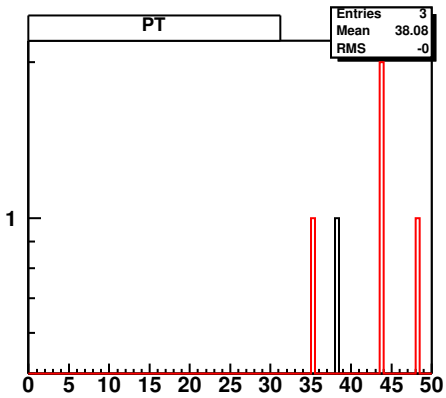

W HITS BC
Entries 826
Mean 0.09201
RMS 0.5468

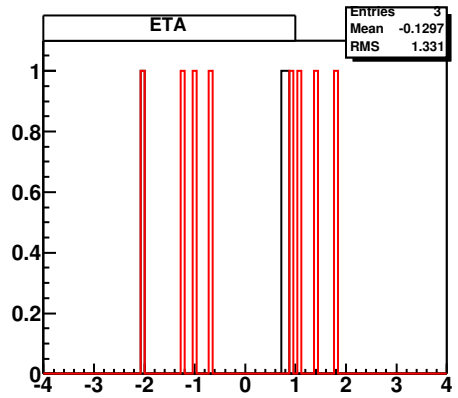

SCINT HITS A
Entries 826
Mean 0.3499
RMS 0.4845

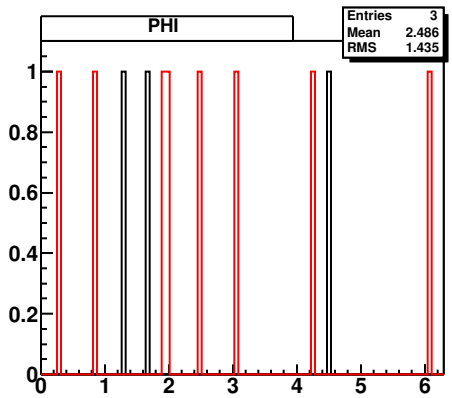

SCINT HITS BC
Entries 826
Mean 0.02542
RMS 0.1649

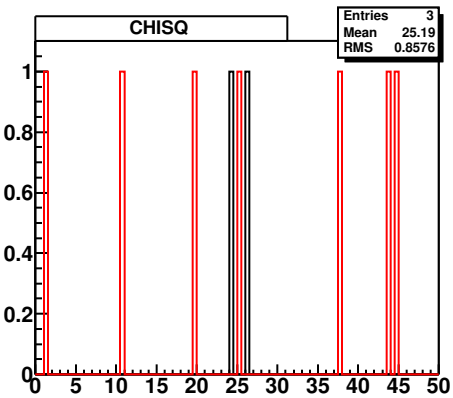
Muons (All)

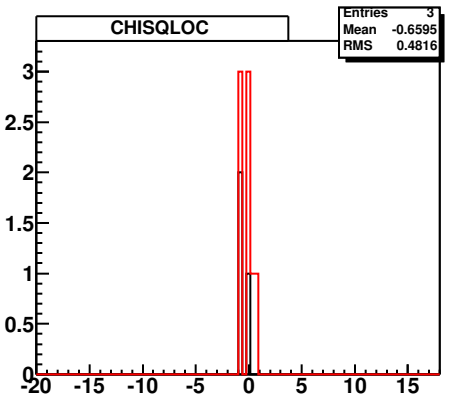


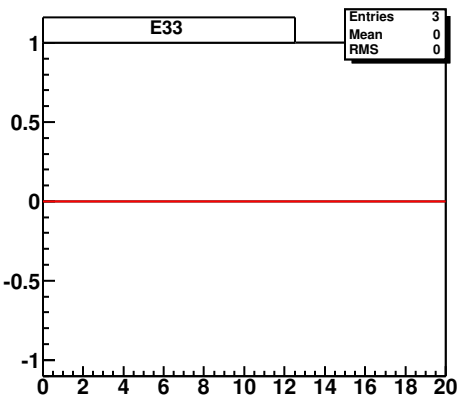


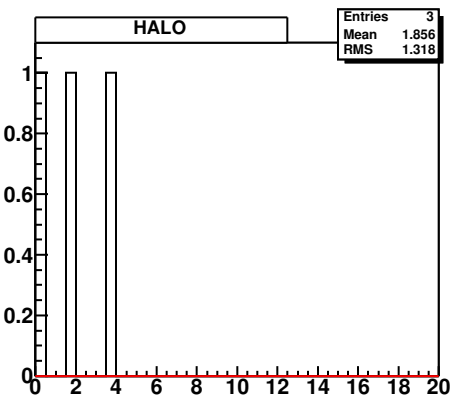


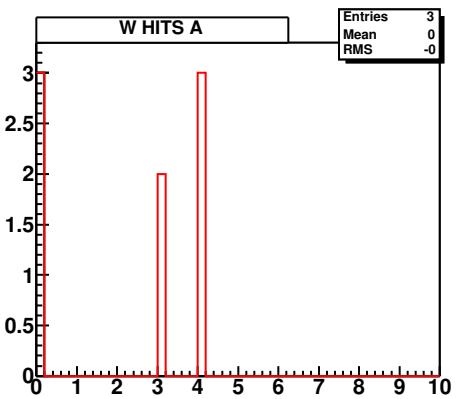


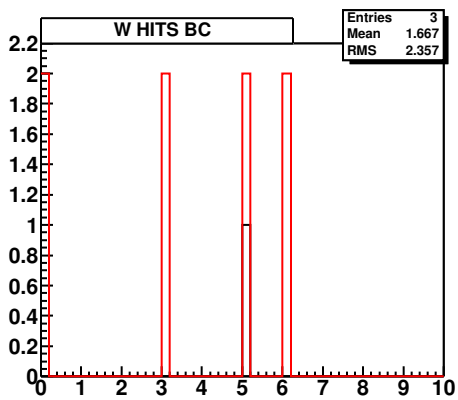


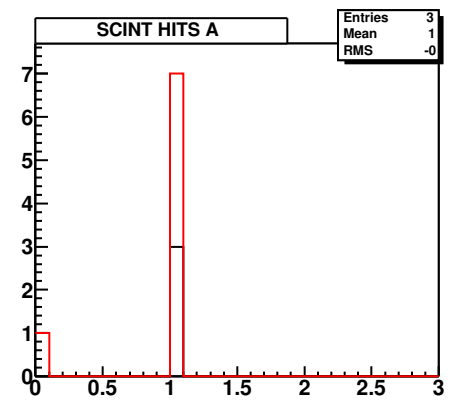


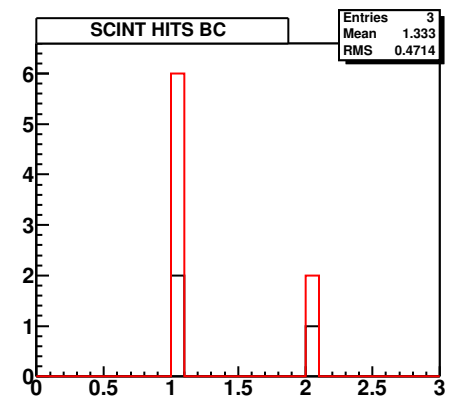




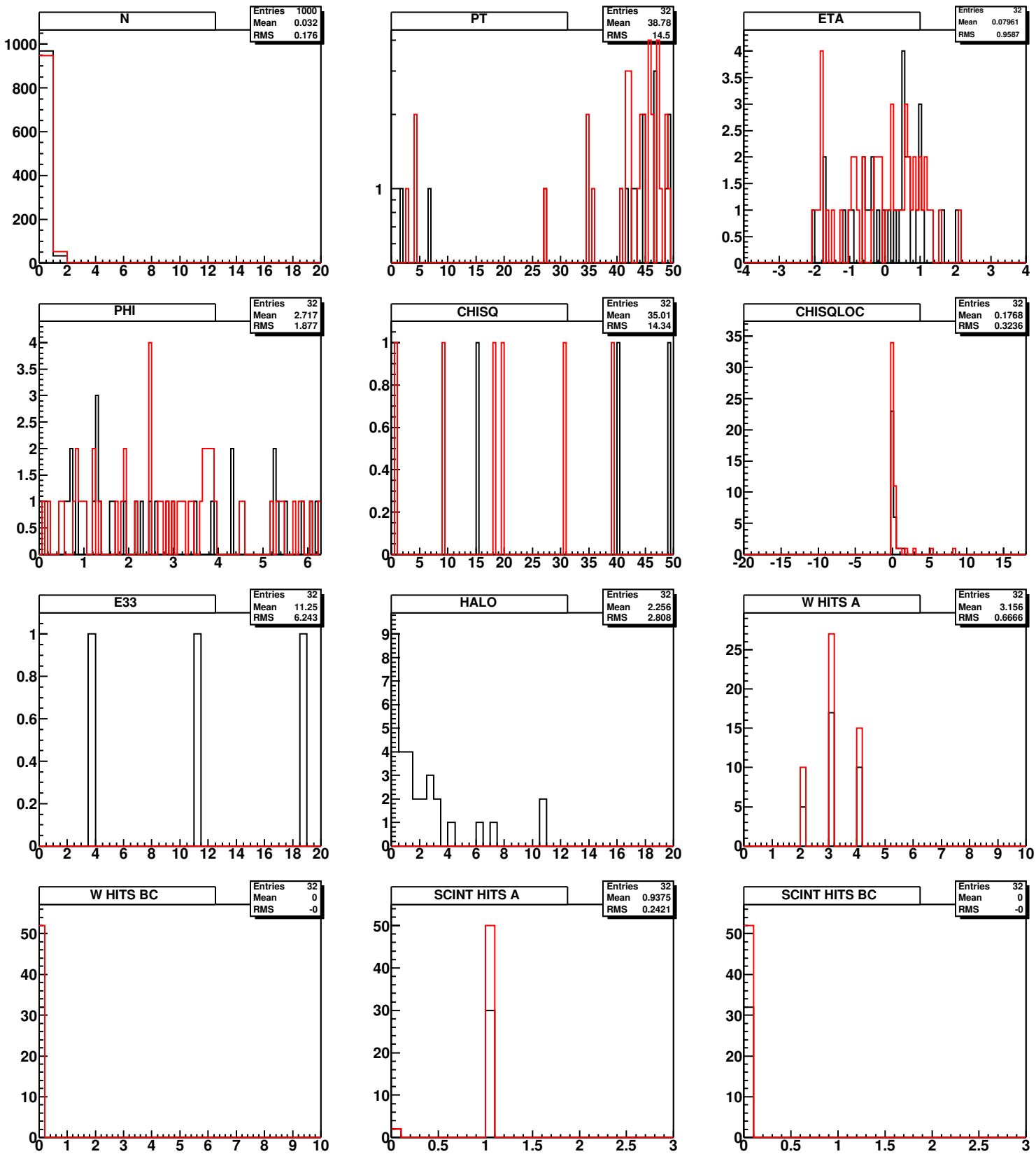




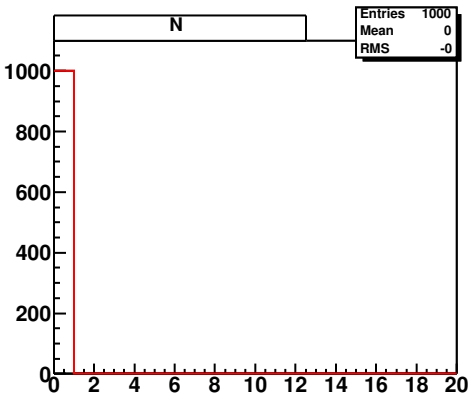


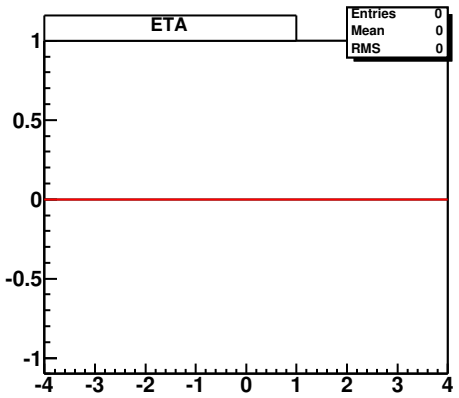


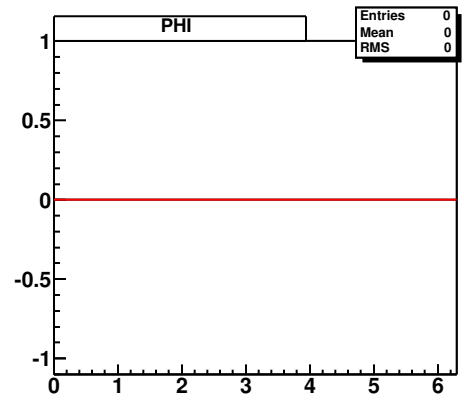
Muons (Matched)

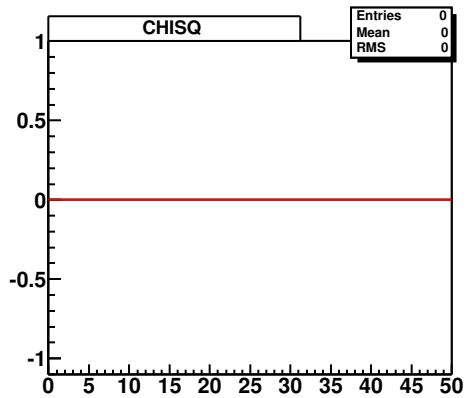

N
Entries 1000
Mean 0.032
RMS 0.176
PT
Entries 32
Mean 38.78
RMS 14.5
ETA
Entries 32
Mean 0.07961
RMS 0.9587
PHI
Entries 32
Mean 2.717
RMS 1.877
CHISQ
Entries 32
Mean 35.01
RMS 14.34
CHISQLOC
Entries 32
Mean 0.1768
RMS 0.3236
E33
Entries 32
Mean 11.25
RMS 6.243
HALO
Entries 32
Mean 2.256
RMS 2.808
W HITS A
Entries 32
Mean 3.156
RMS 0.6666
W HITS BC
Entries 32
Mean 0
RMS -0
SCINT HITS A
Entries 32
Mean 0.9375
RMS 0.2421
SCINT HITS BC
Entries 32
Mean 0
RMS -0

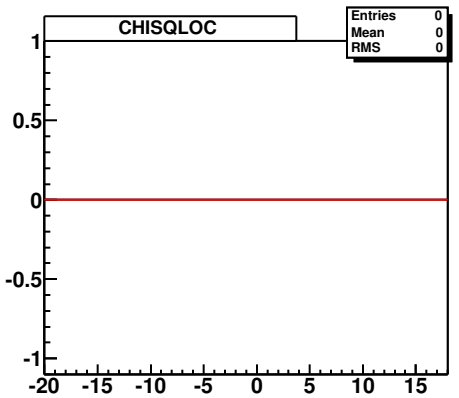
Muons (Astub)

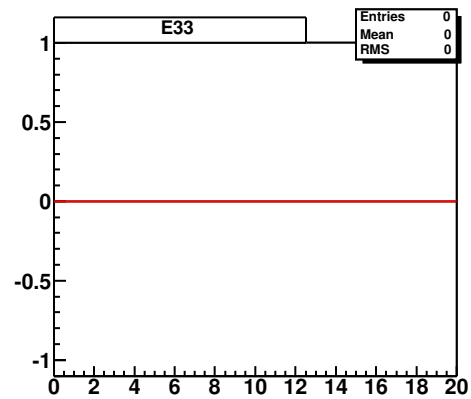


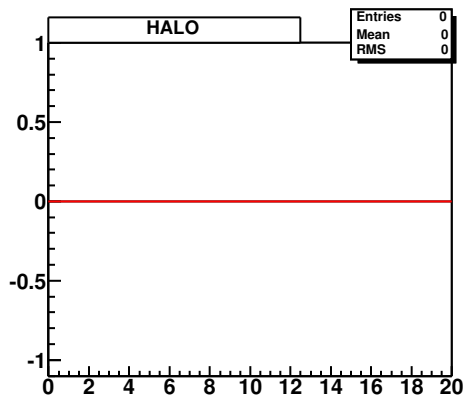


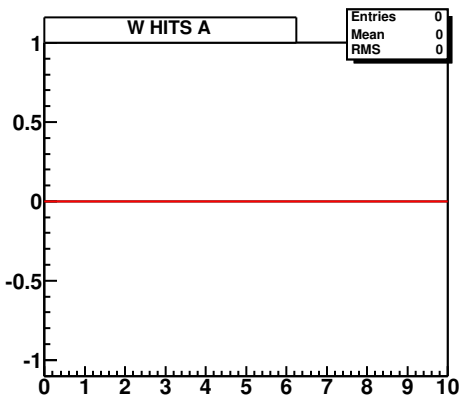


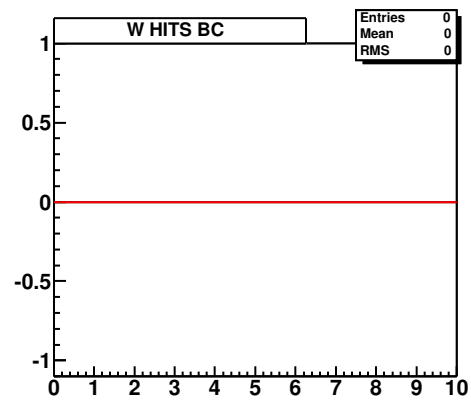


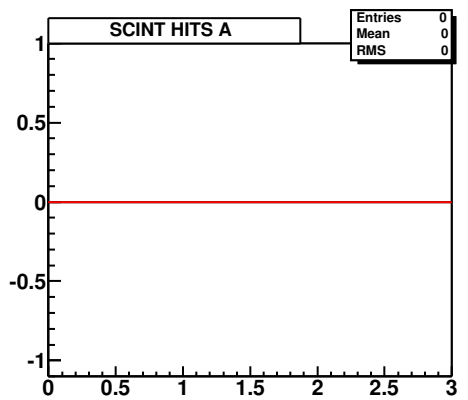


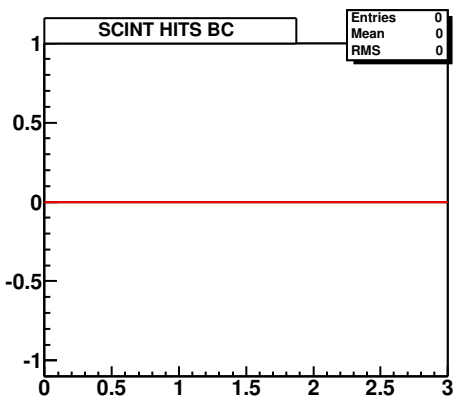




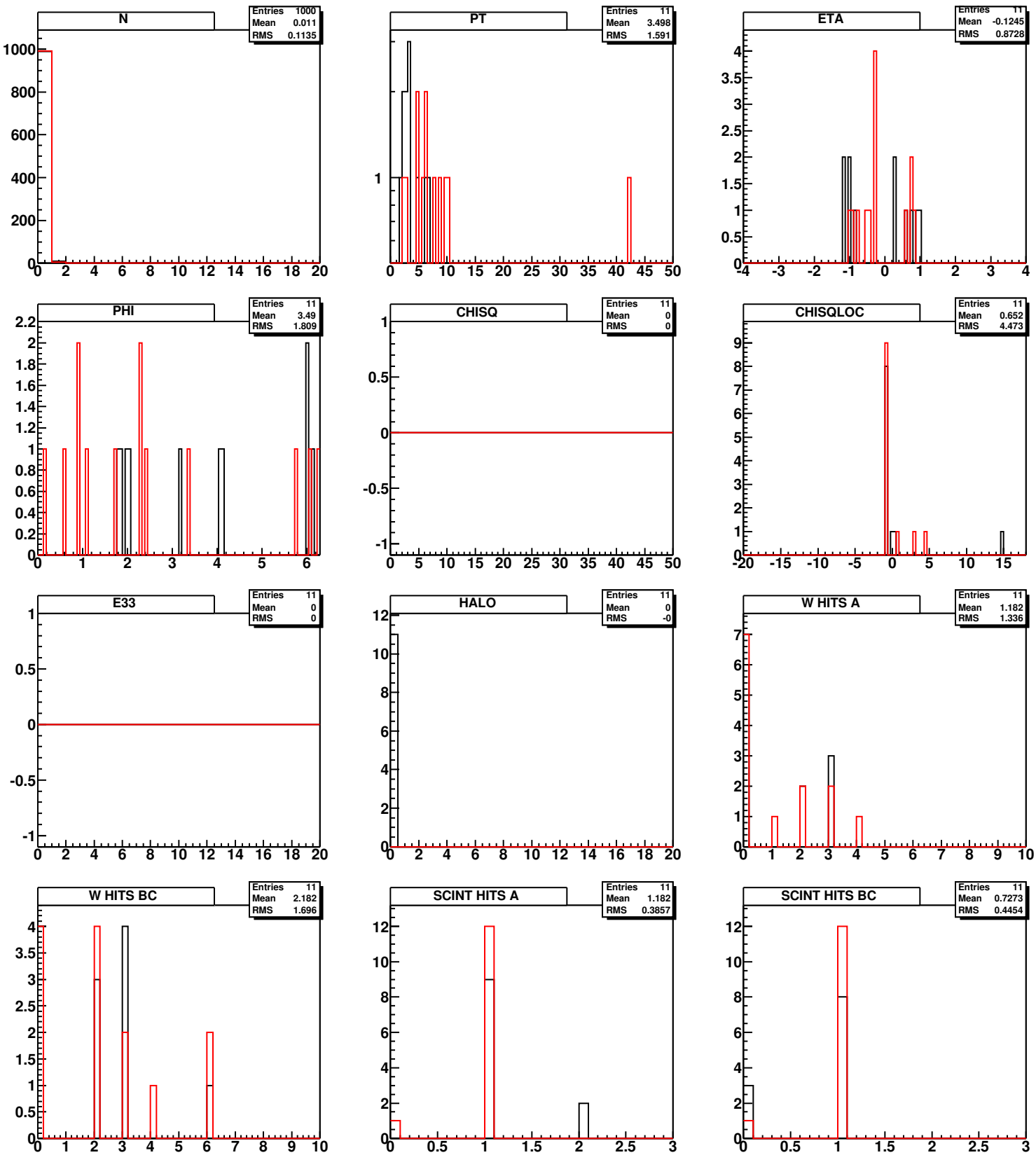




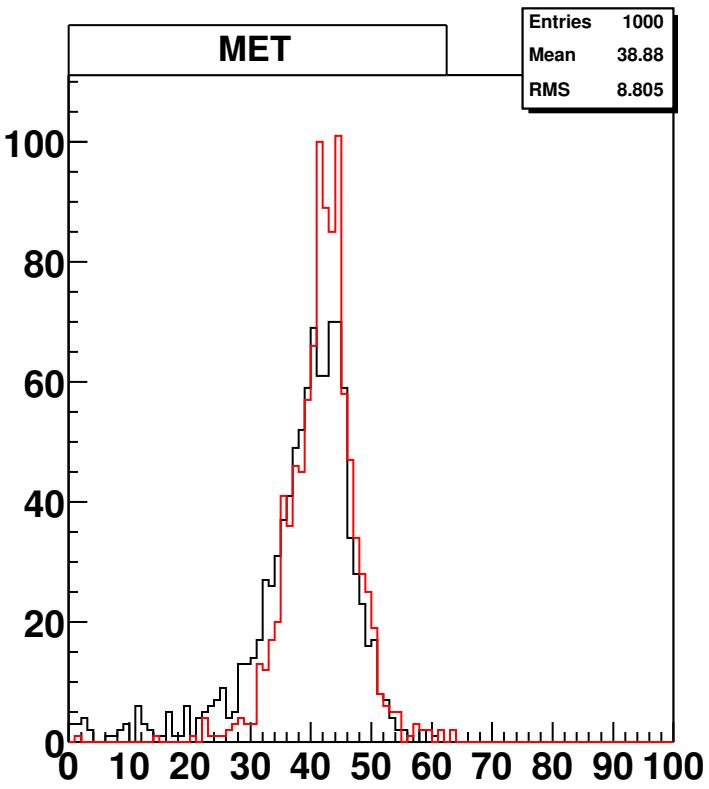


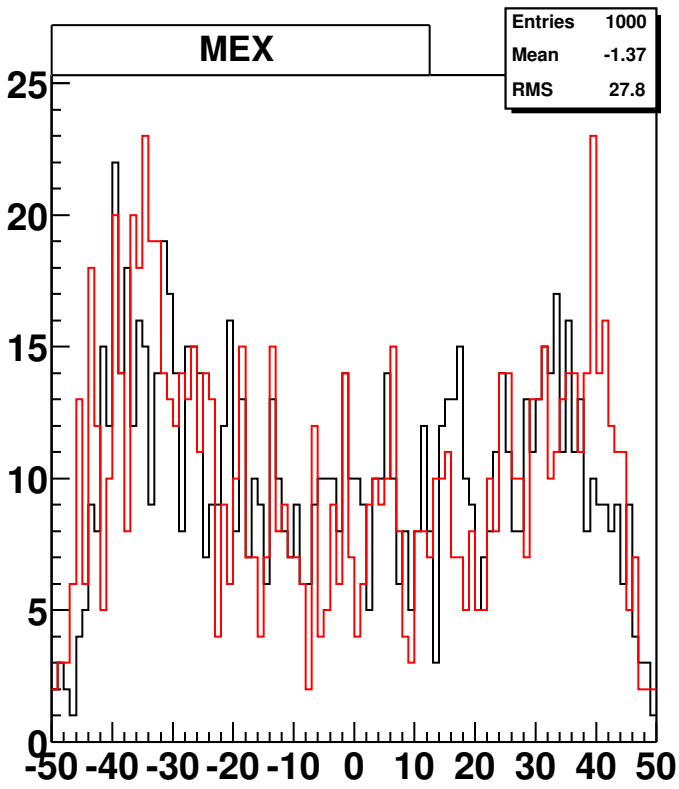


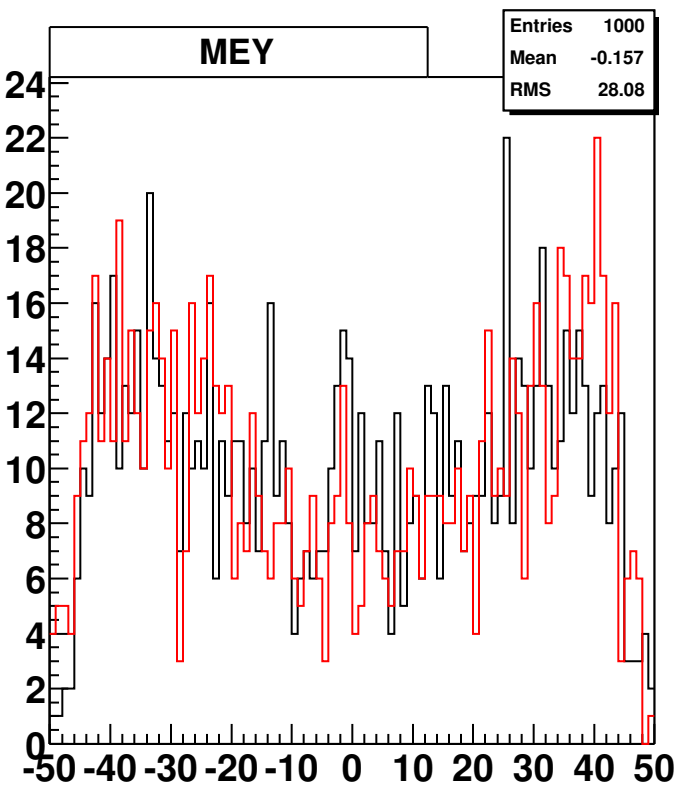
Muons (BCstub)



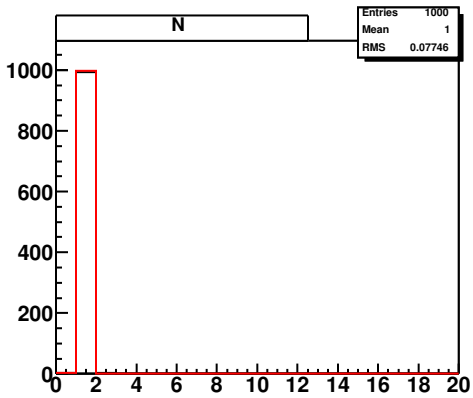
Muons (Unmatched)

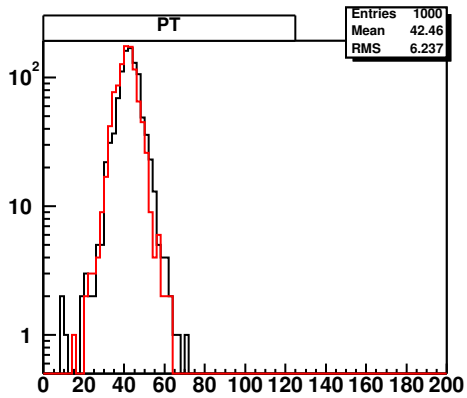

MET
Entries 1000
Mean 38.88
RMS 8.805
0 10 20 30 40 50 60 70 80 90 100
0 20 40 60 80 100

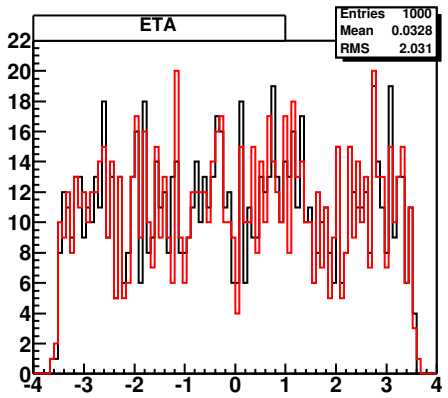

MEX
Entries 1000
Mean -1.37
RMS 27.8
-50 -40 -30 -20 -10 0 10 20 30 40 50
0 5 10 15 20 25

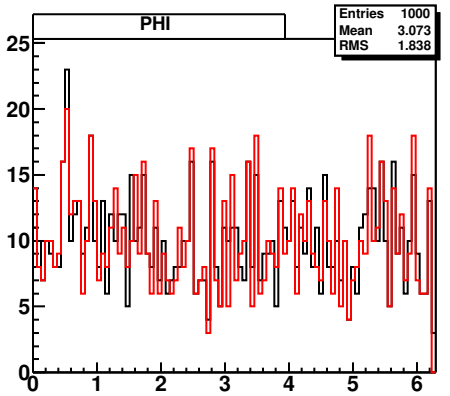

MEY
Entries 1000
Mean -0.157
RMS 28.08
-50 -40 -30 -20 -10 0 10 20 30 40 50
0 2 4 6 8 10 12 14 16 18 20 22 24

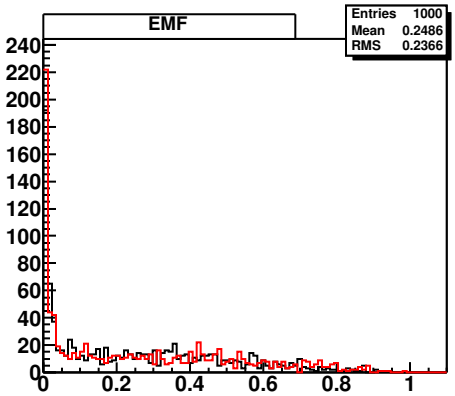
Met (No cuts)

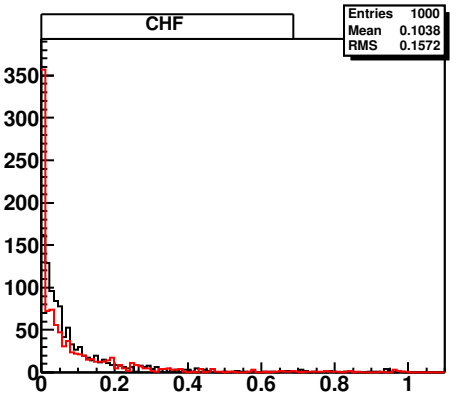


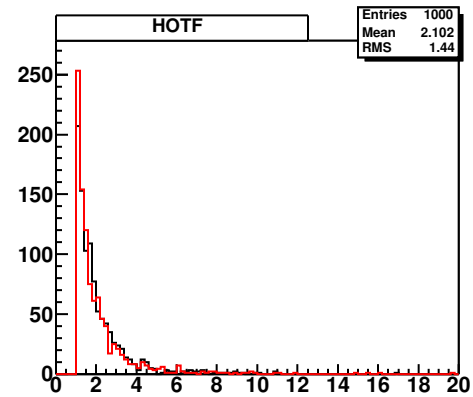


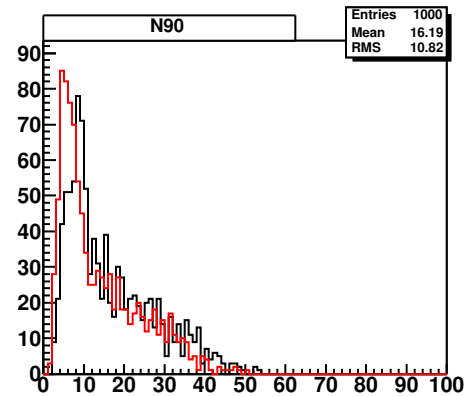


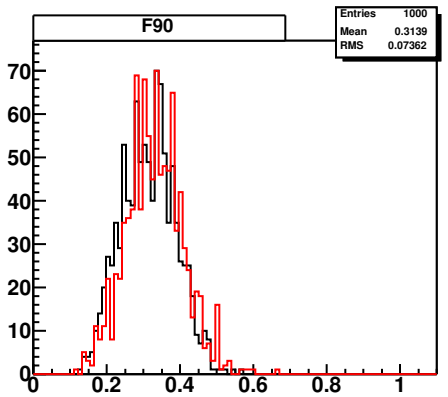


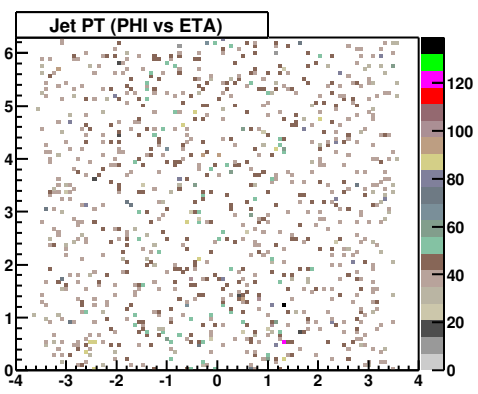




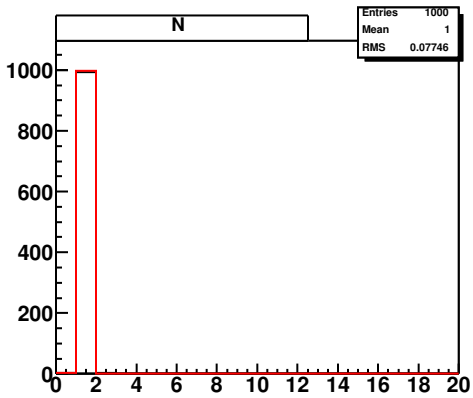


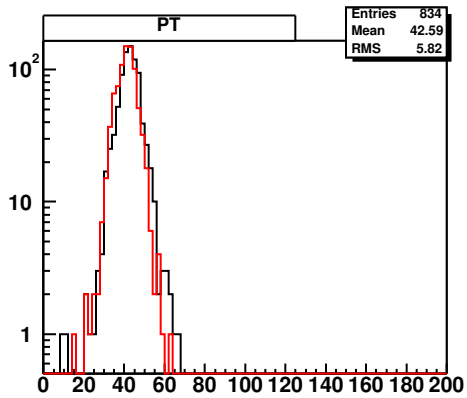


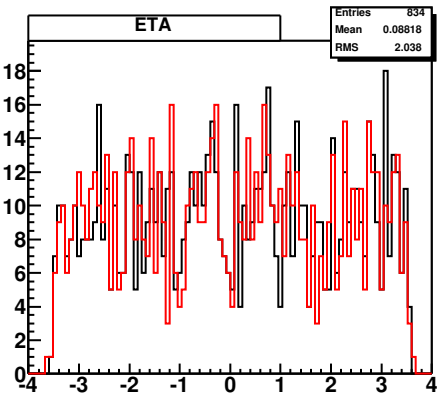


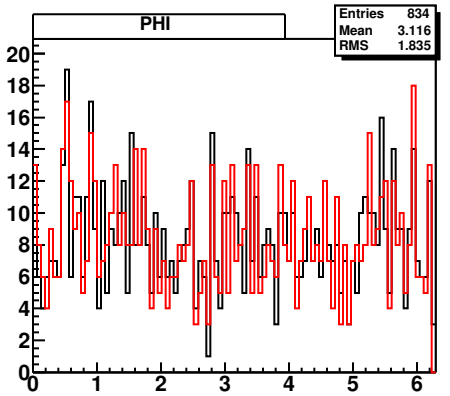


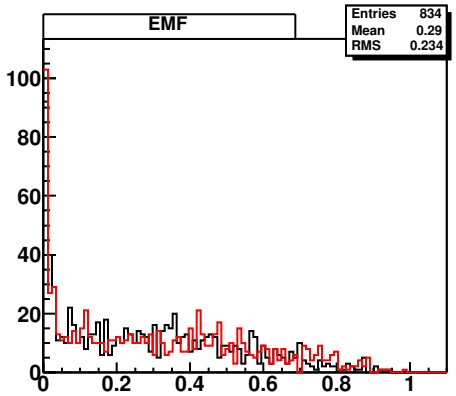
Jets (Cone R=0.7 - no cuts)

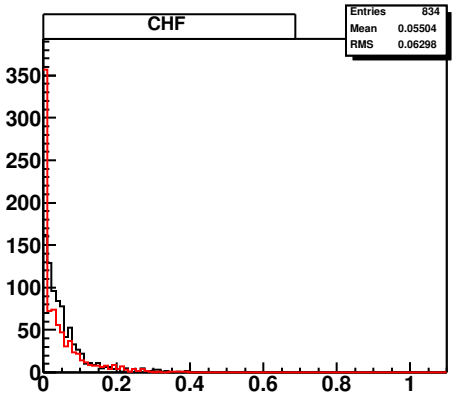


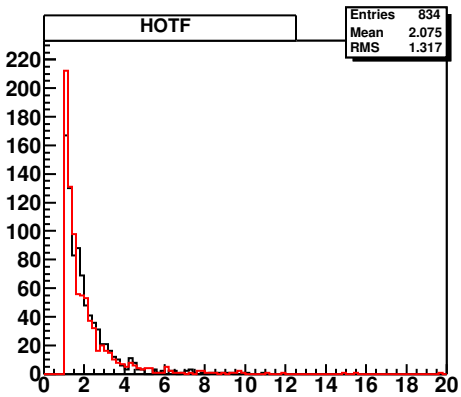


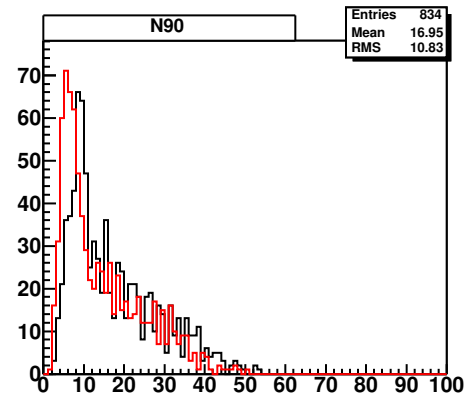


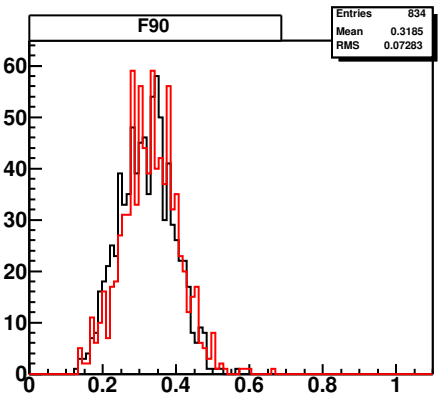


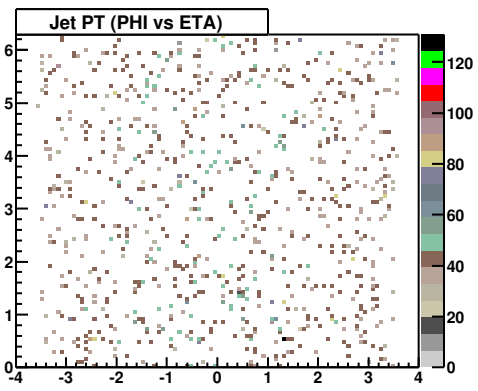




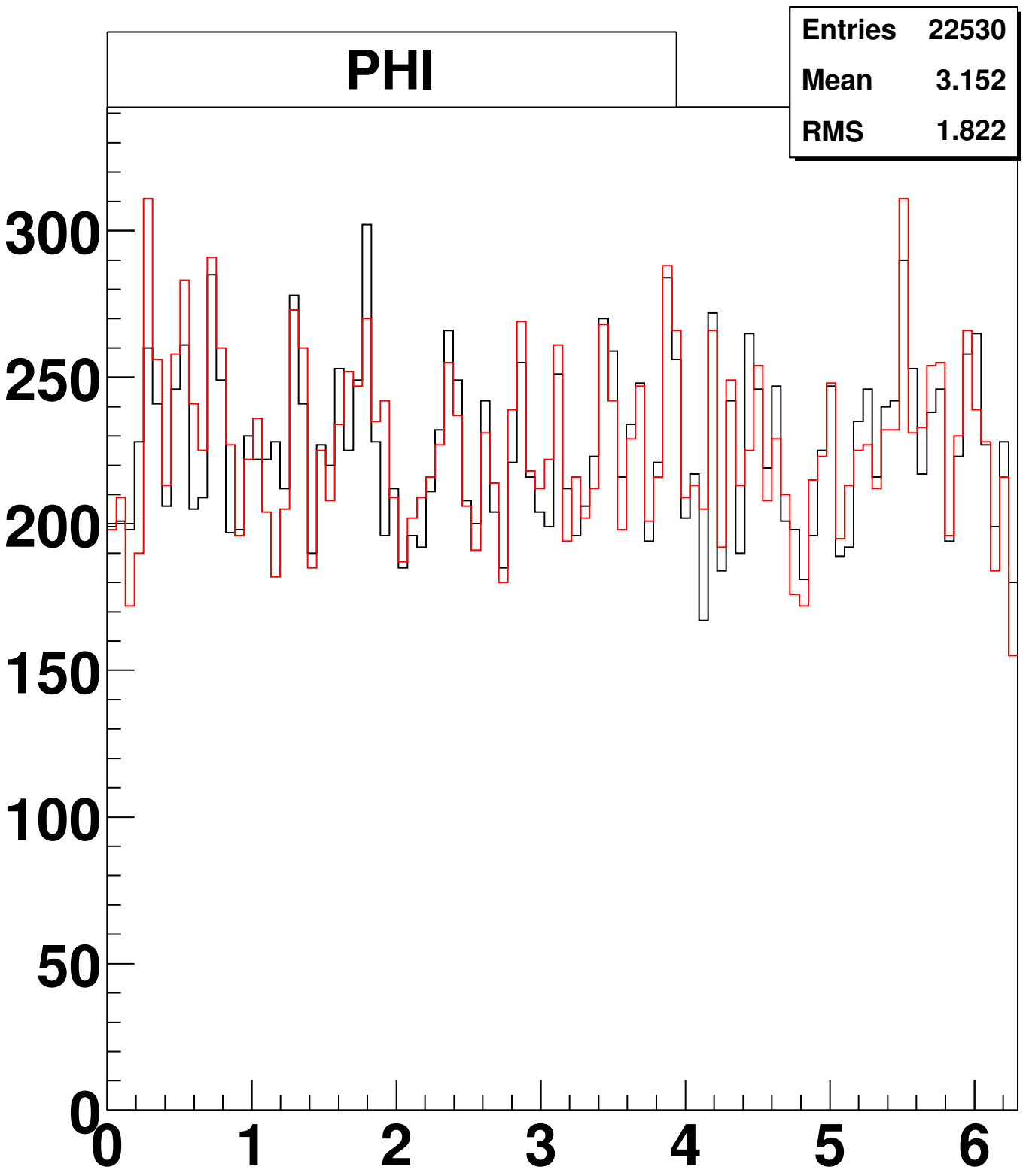


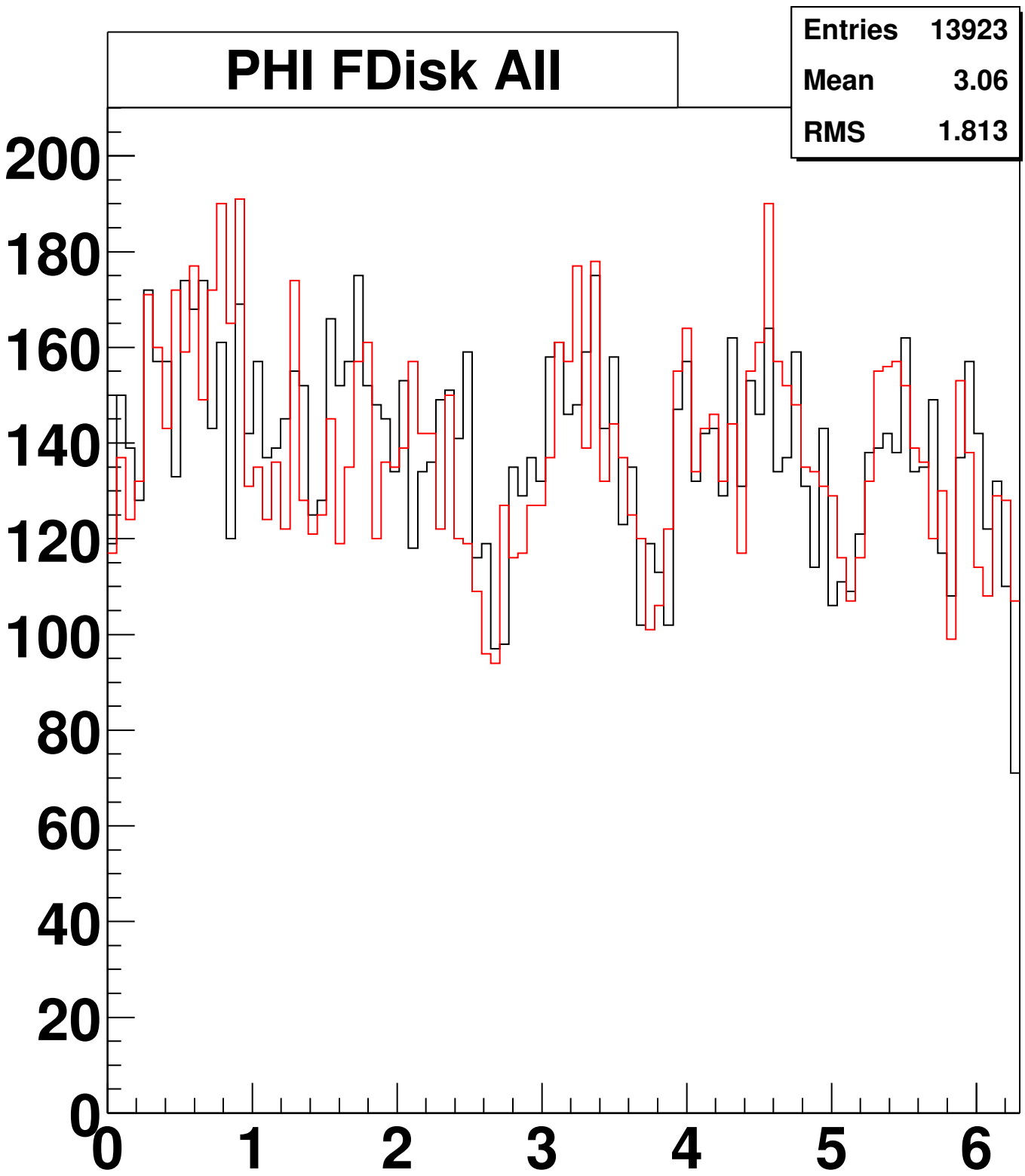


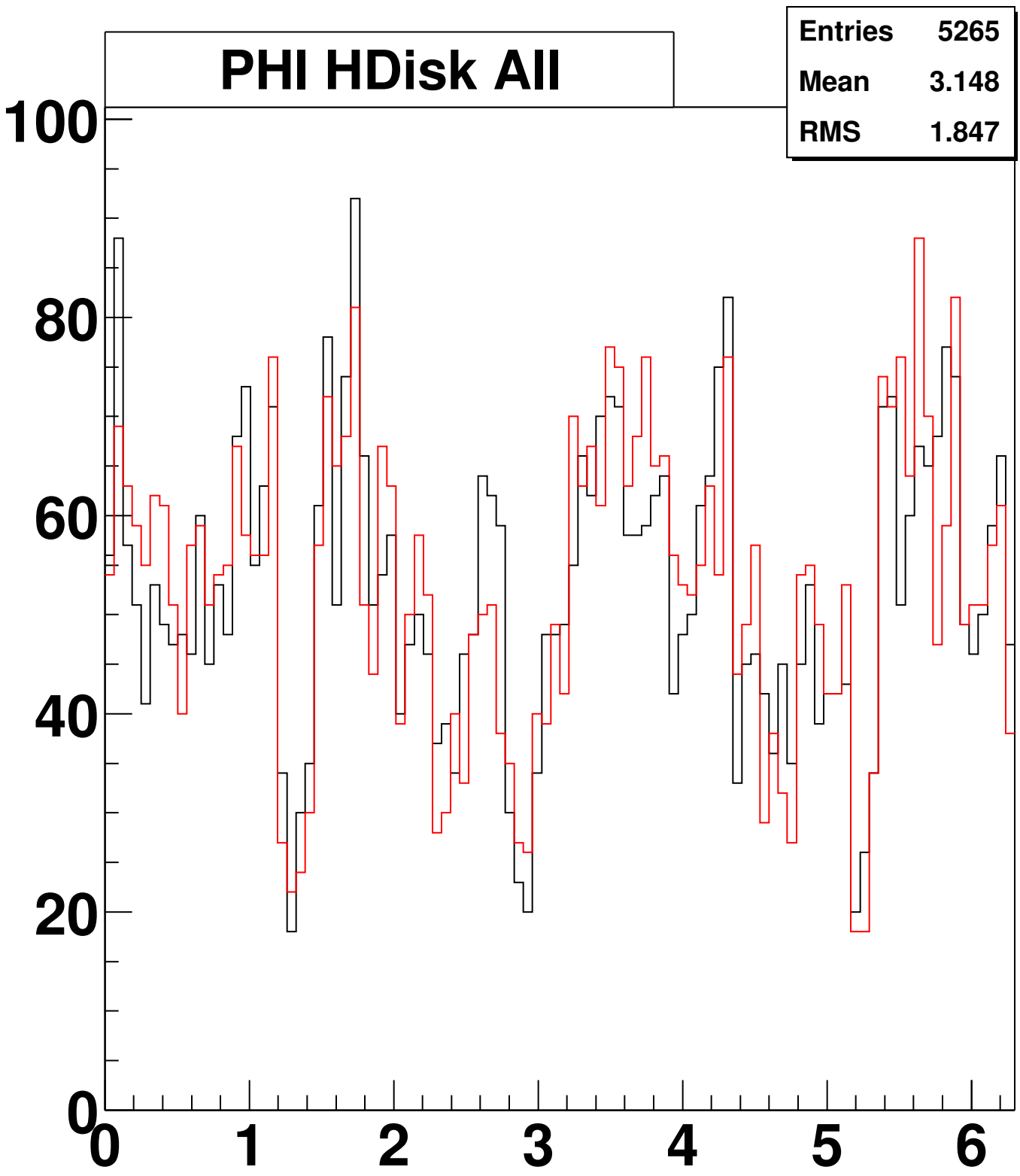




Jets (Cone R=0.7 - standard cuts)


PHI
Entries 22530
Mean 3.152
RMS 1.822
300
250
200
150
100
50
0
0
1
2
3
4
5
6
SmtClusters (allBarClusters)


PHI FDisk All
Entries 13923
Mean 3.06
RMS 1.813
200
180
160
140
120
100
80
60
40
20
0
0
1
2
3
4
5
6
SmtClusters (allFDiskClusters)


PHI HDisk All
Entries 5265
Mean 3.148
RMS 1.847
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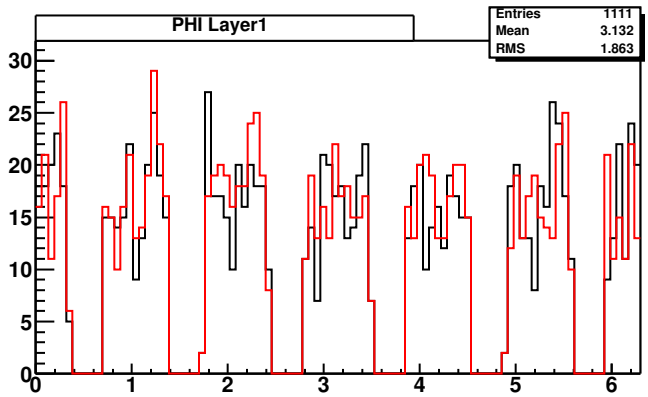
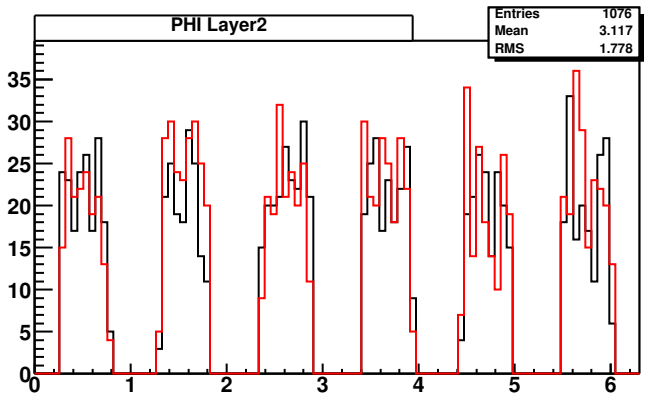
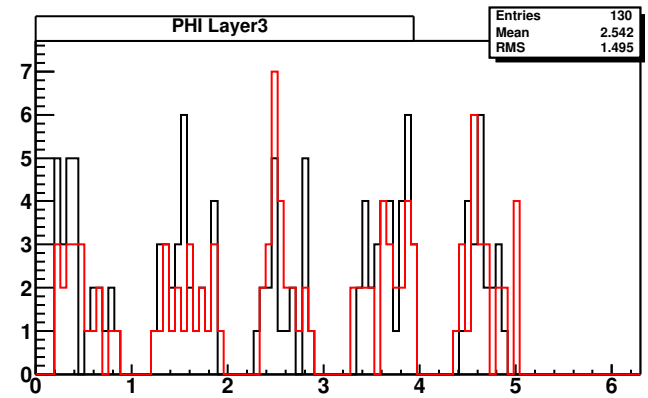
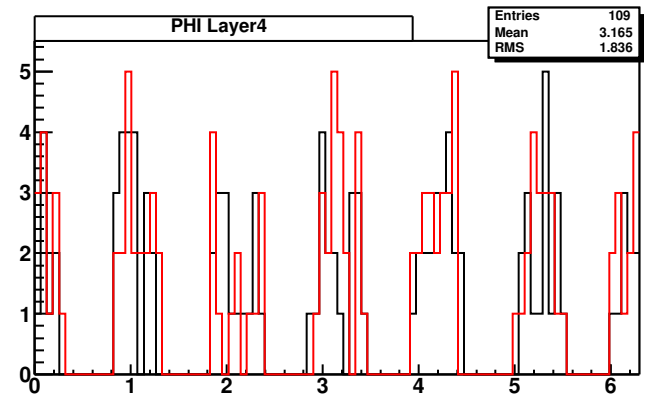
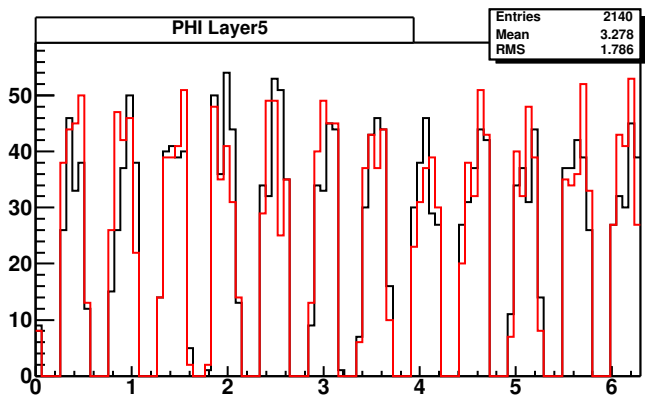
80
60
40
20
0
0
1
2
3
4
5
6
SmtClusters (allHDiskClusters)

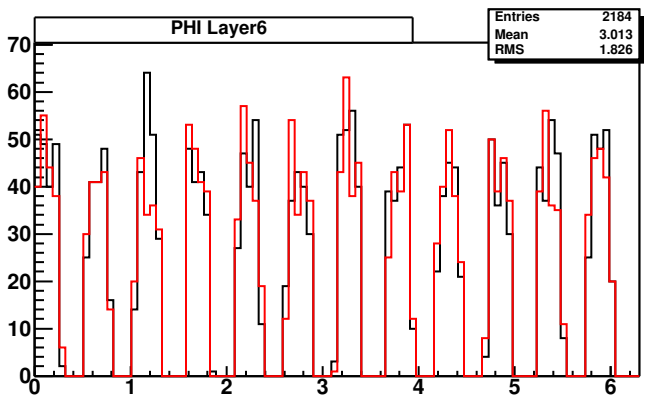


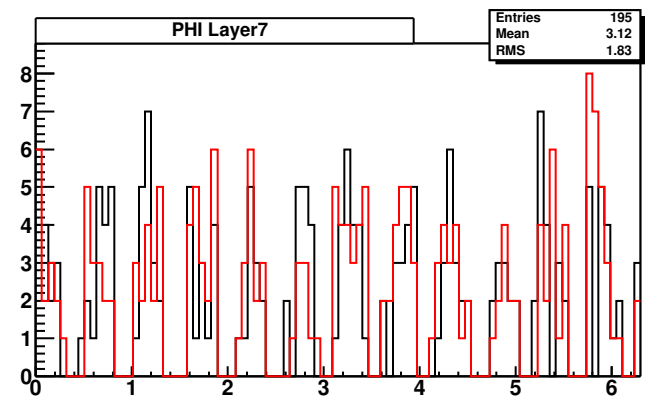


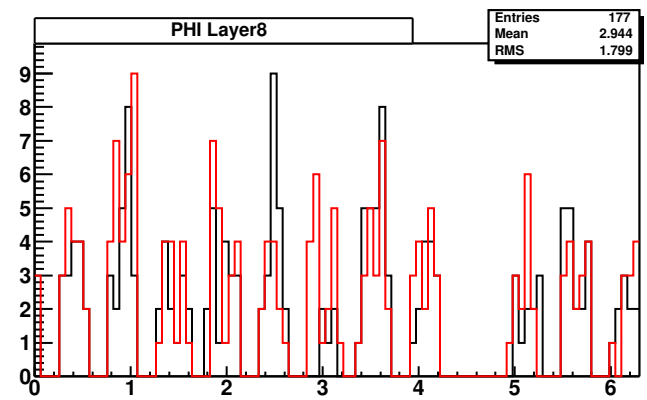




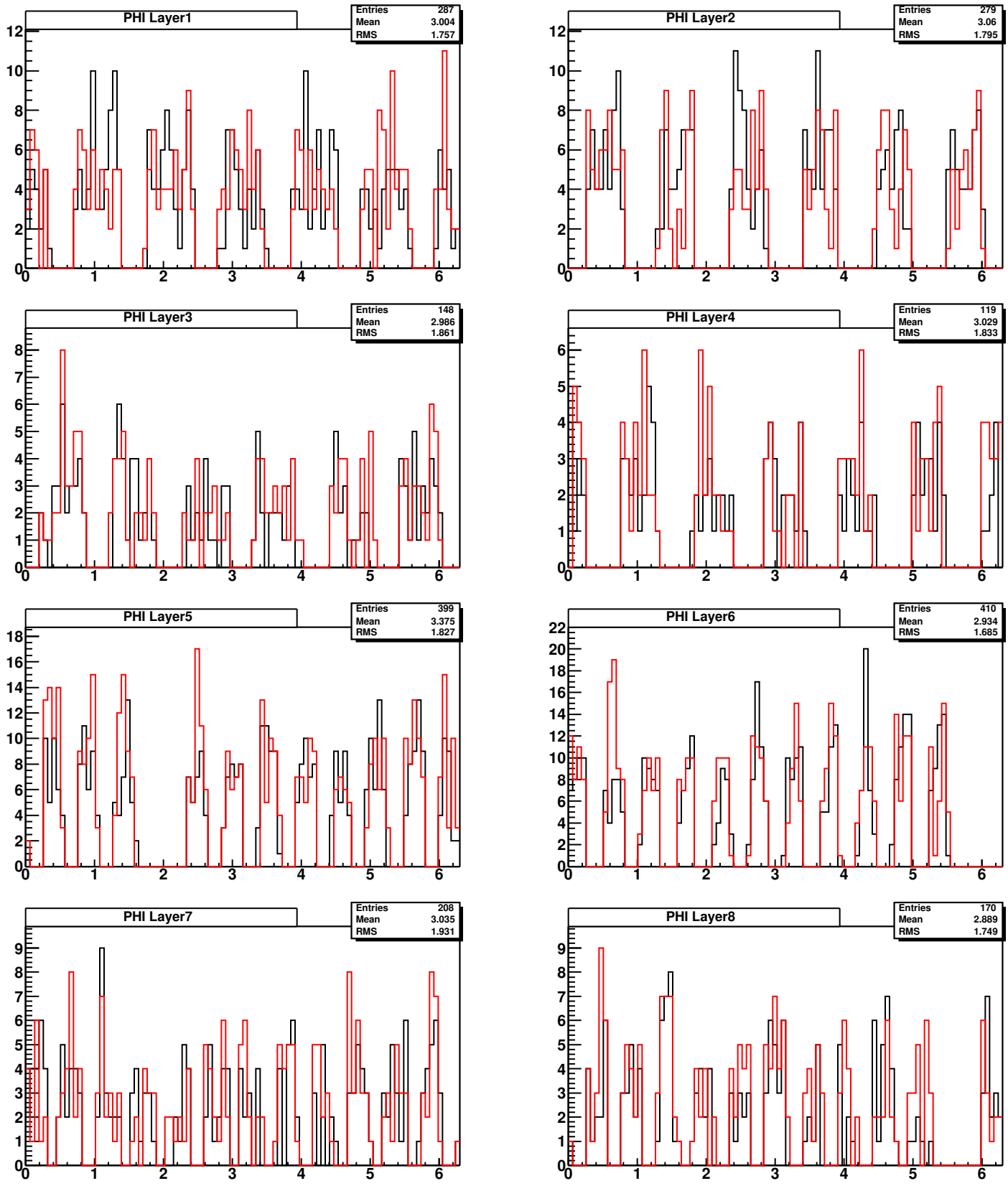




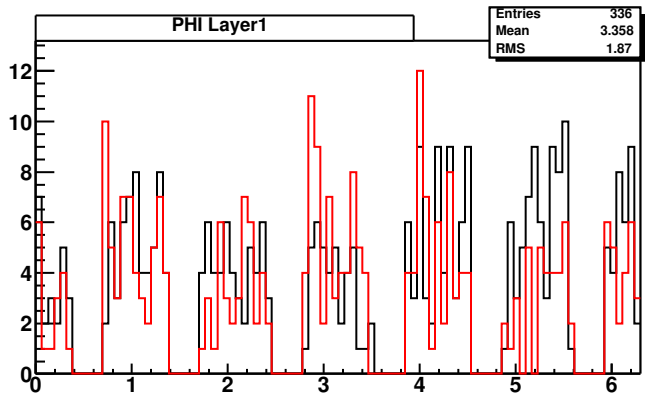


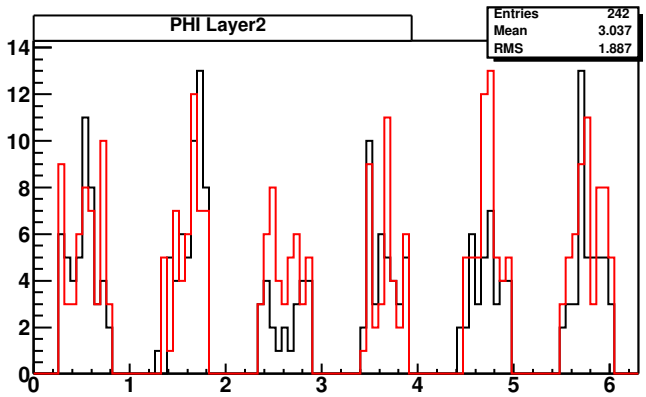


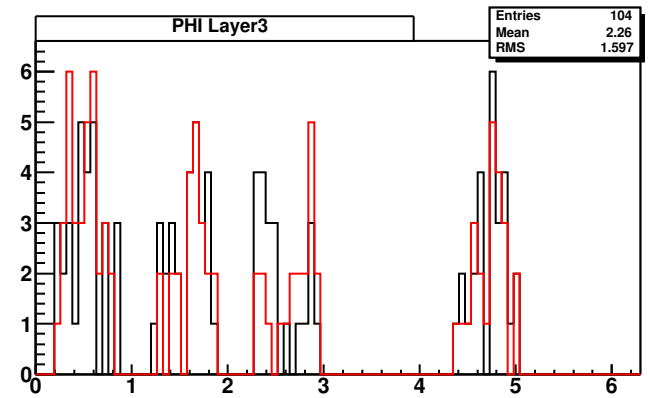
SmtClusters (ClustrBar1)

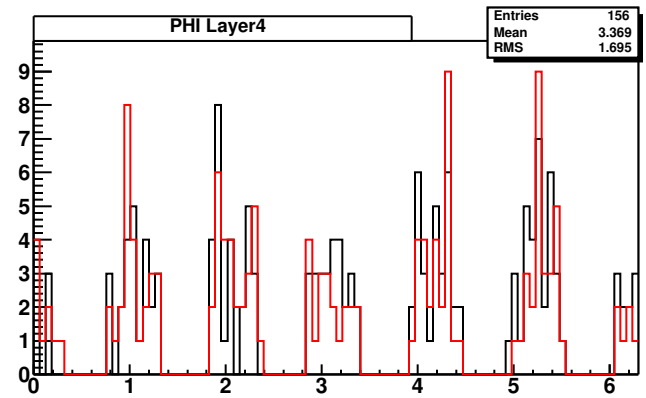


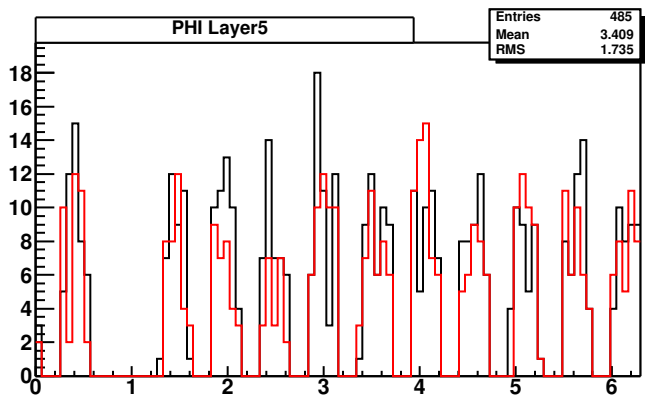
SmtClusters (ClustrBar2)

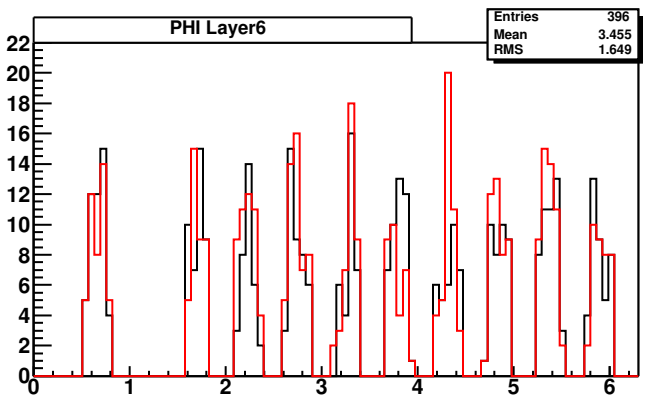


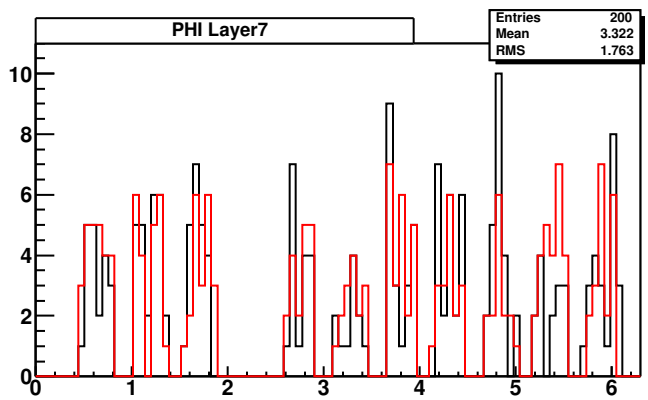


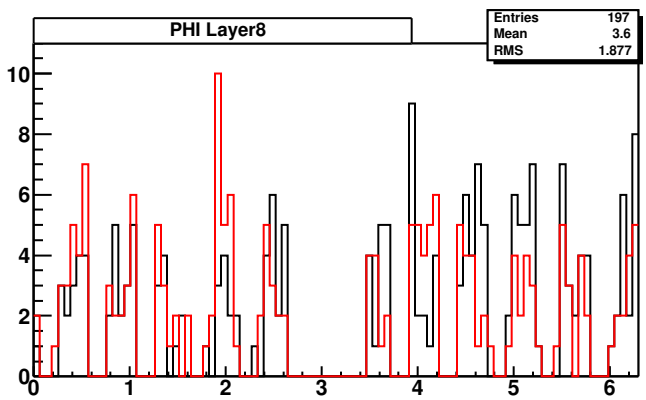




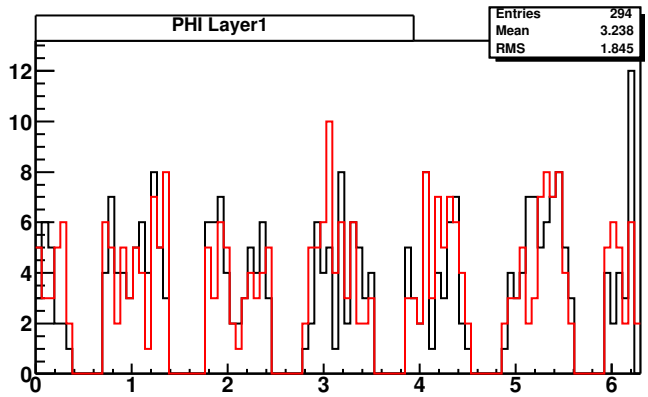


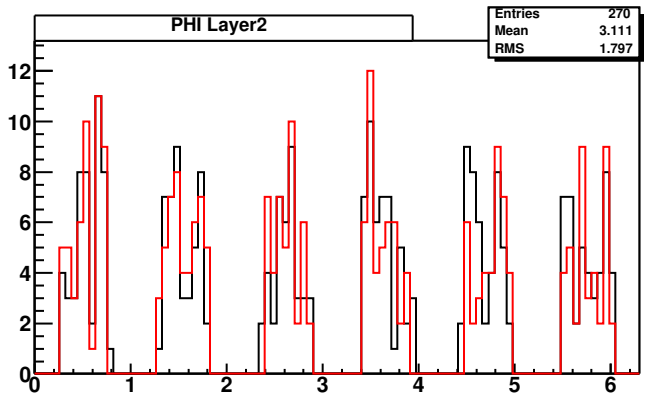


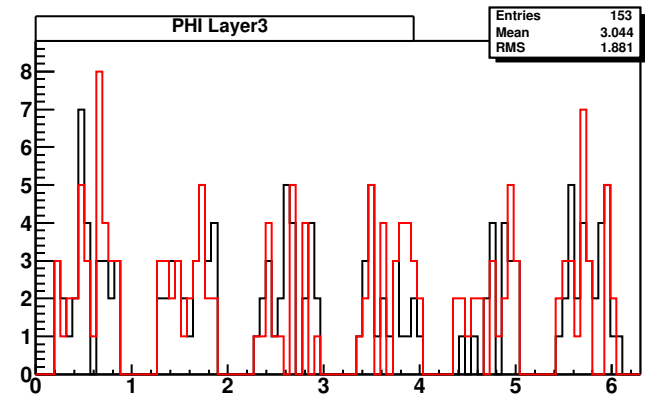


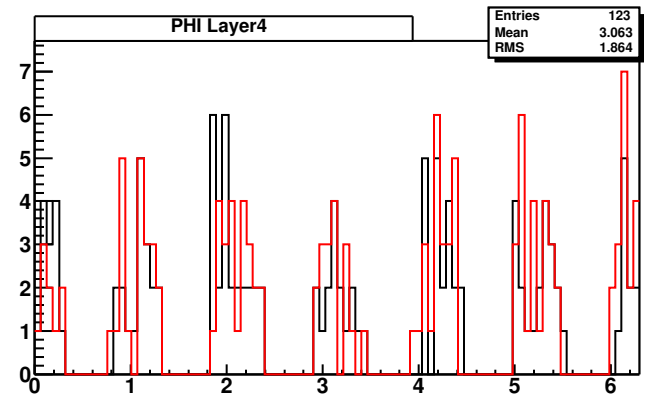


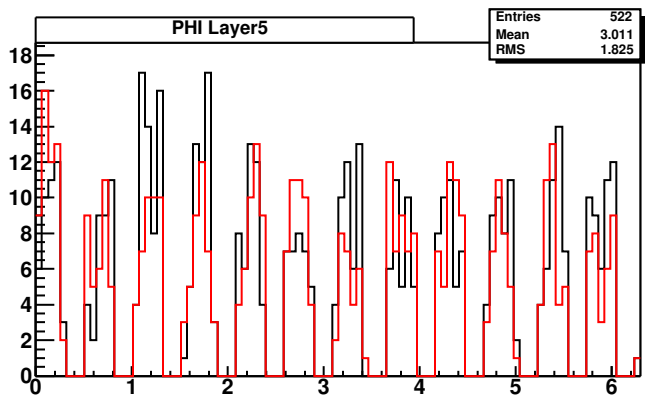
SmtClusters (ClustrBar3)

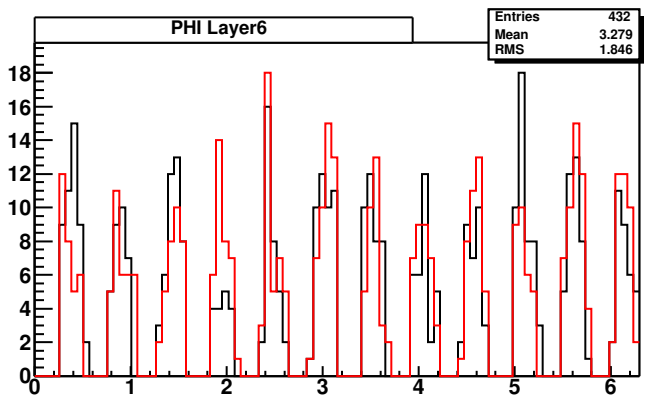


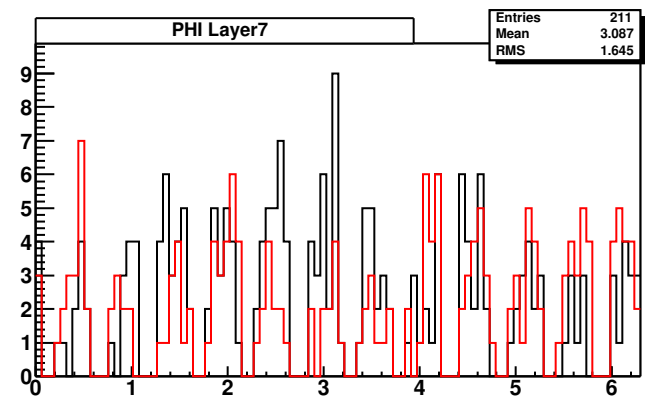


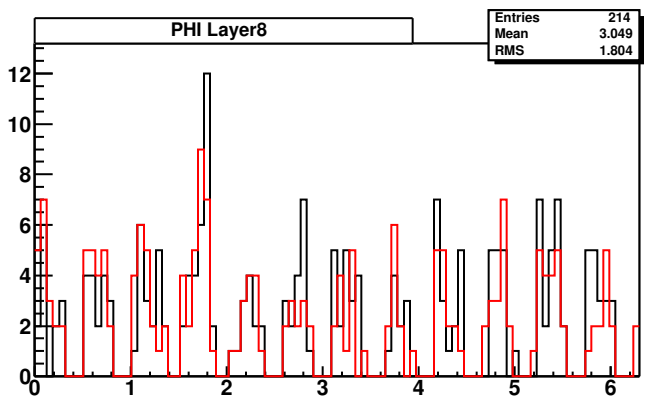




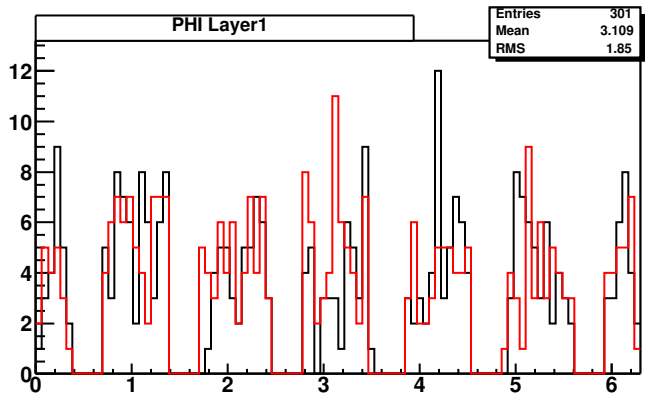


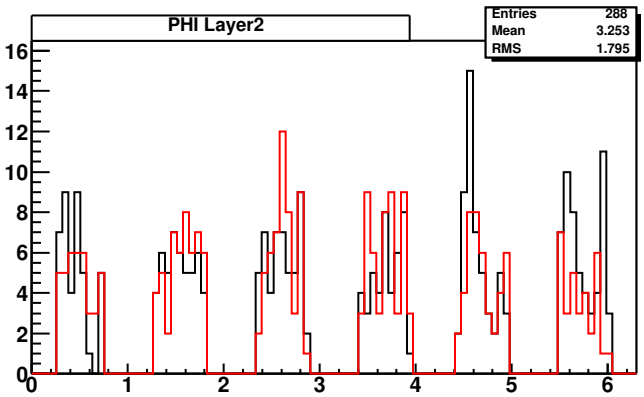


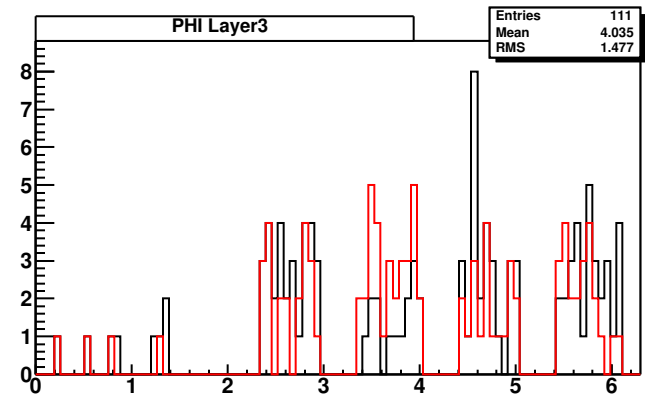


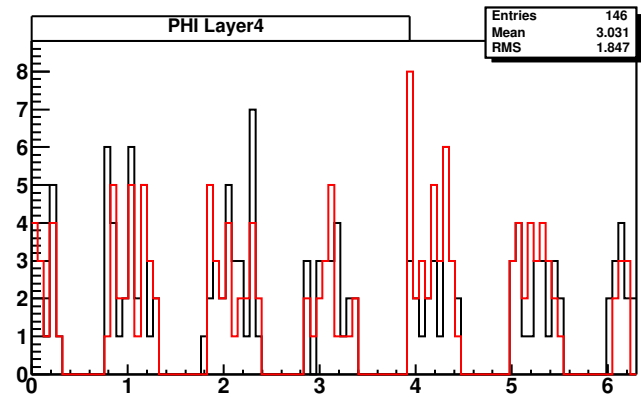


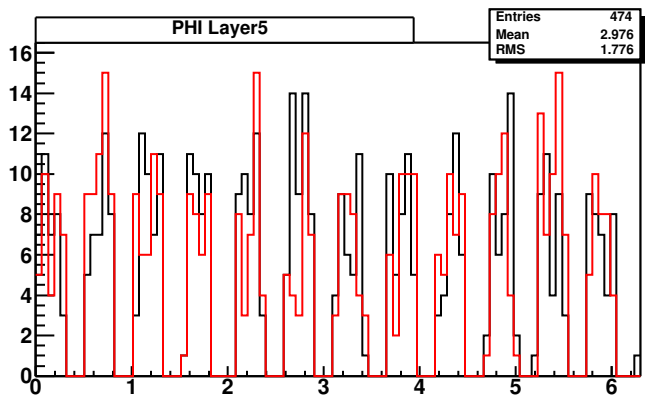
SmtClusters (ClustrBar4)

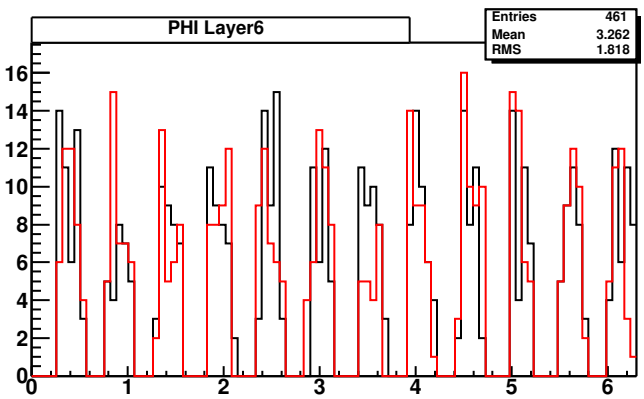


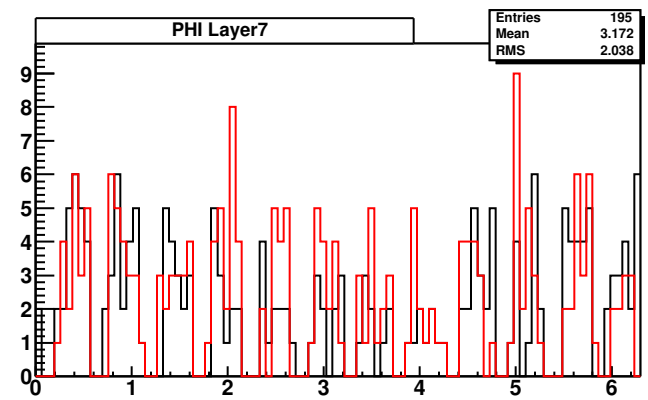


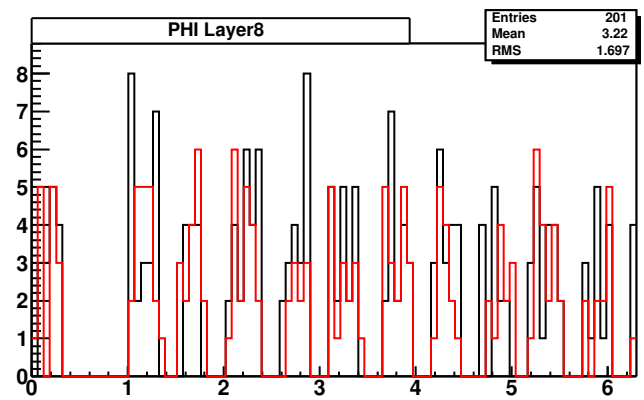




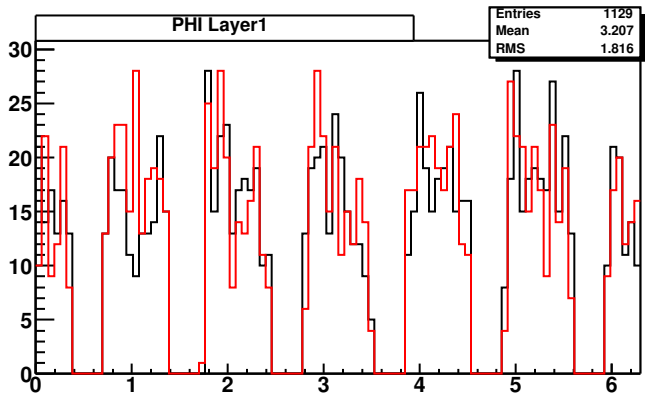


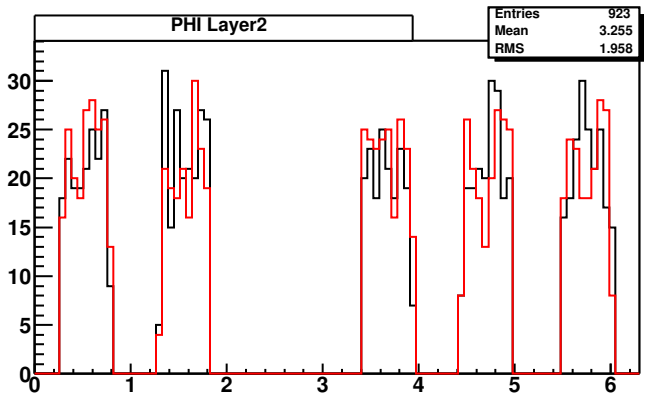


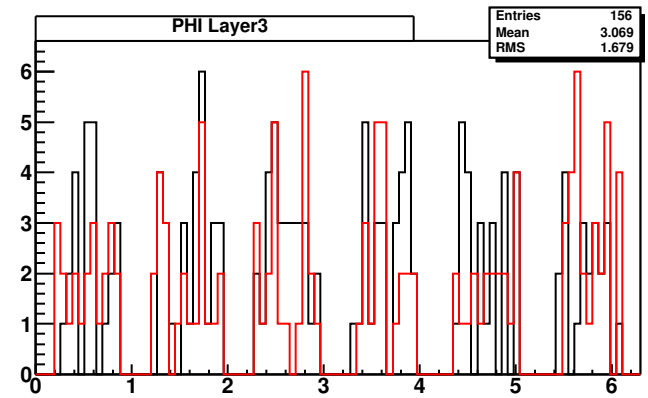


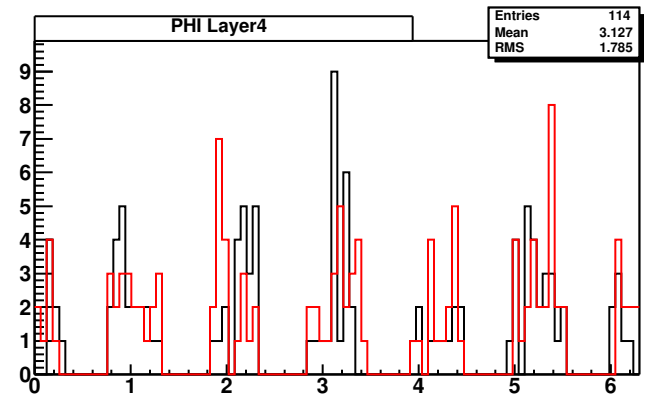


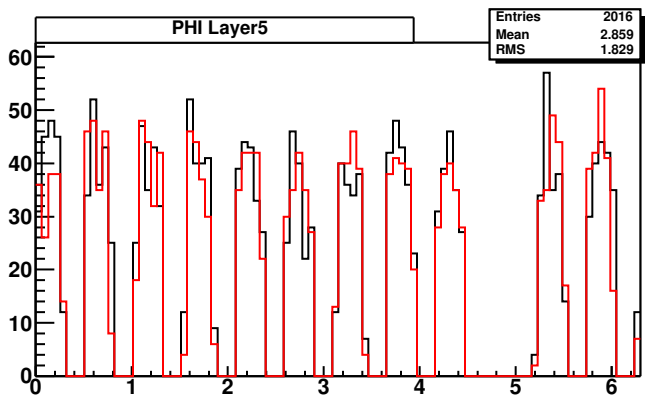
SmtClusters (ClustrBar5)

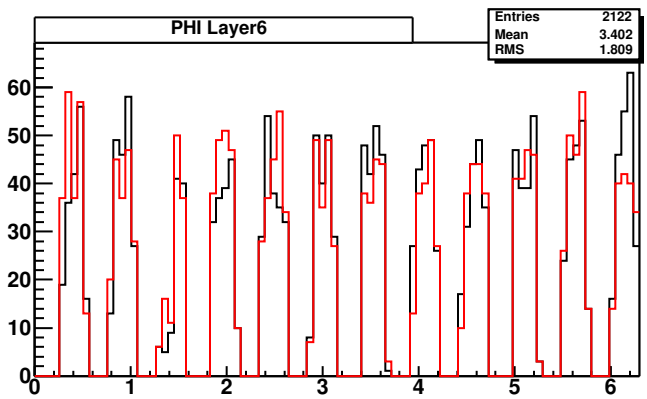


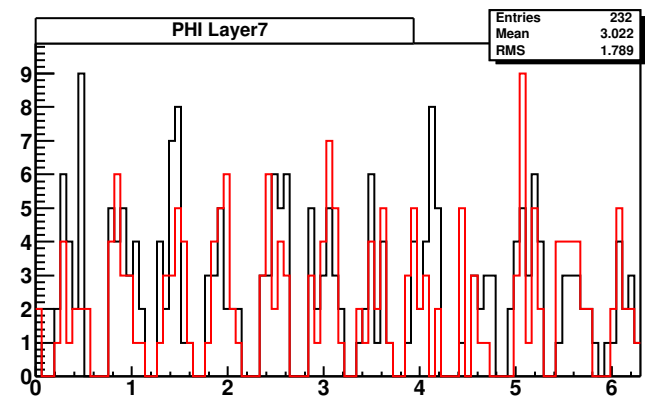


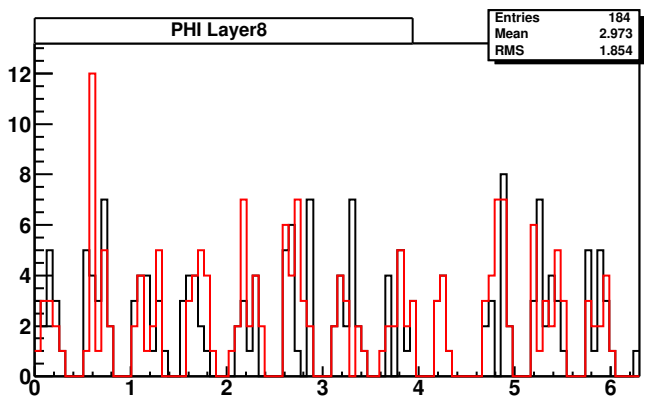




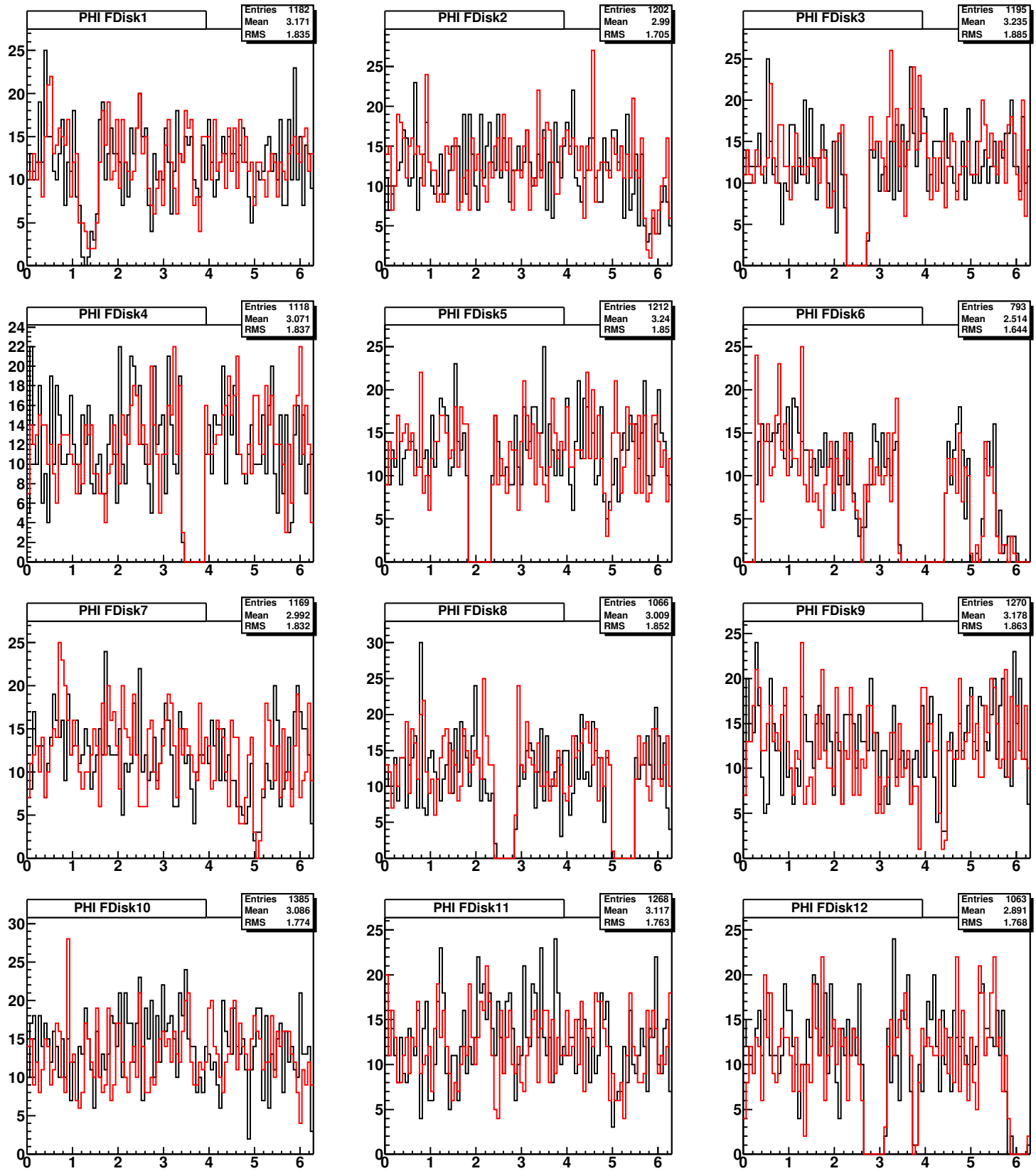




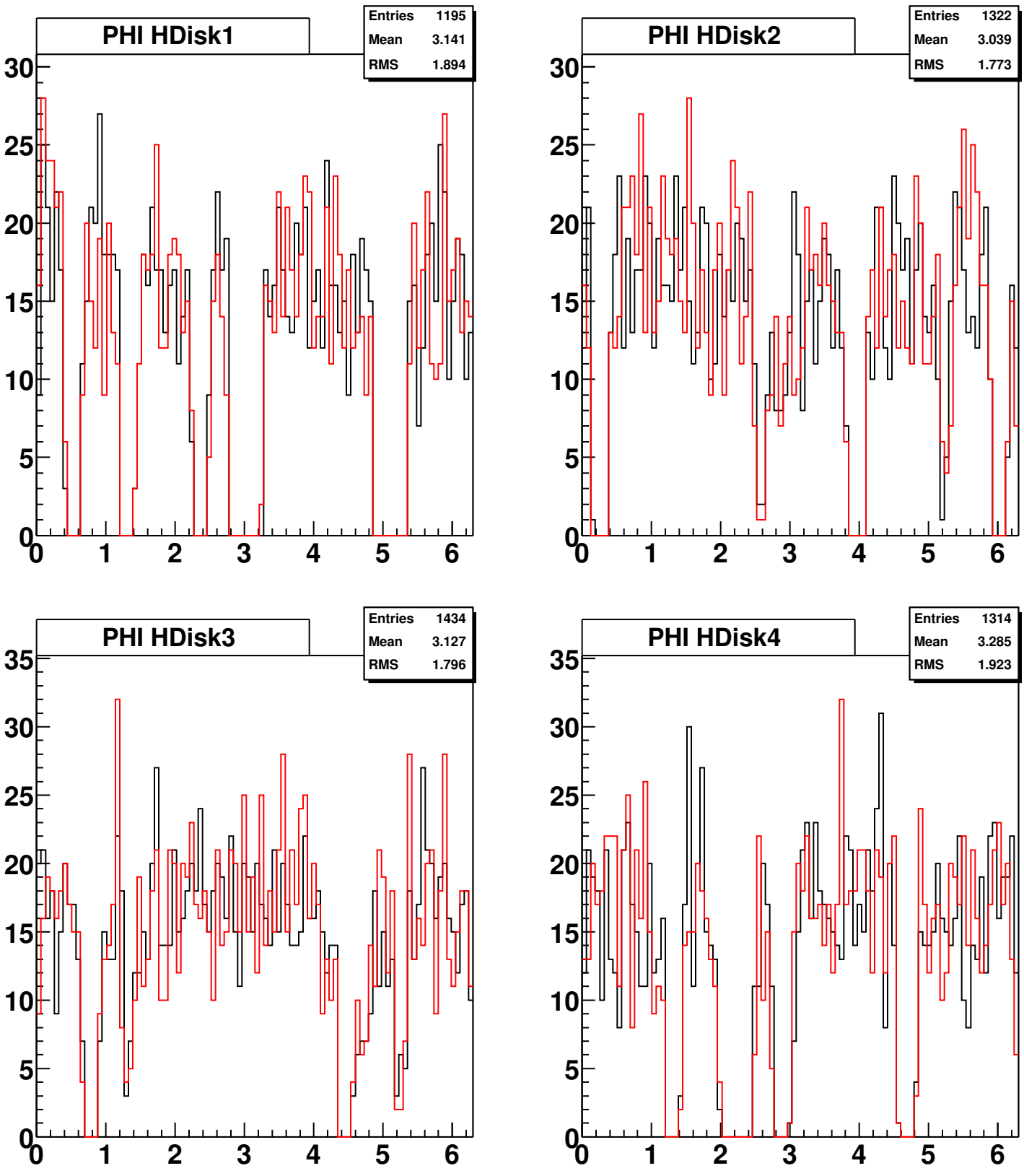


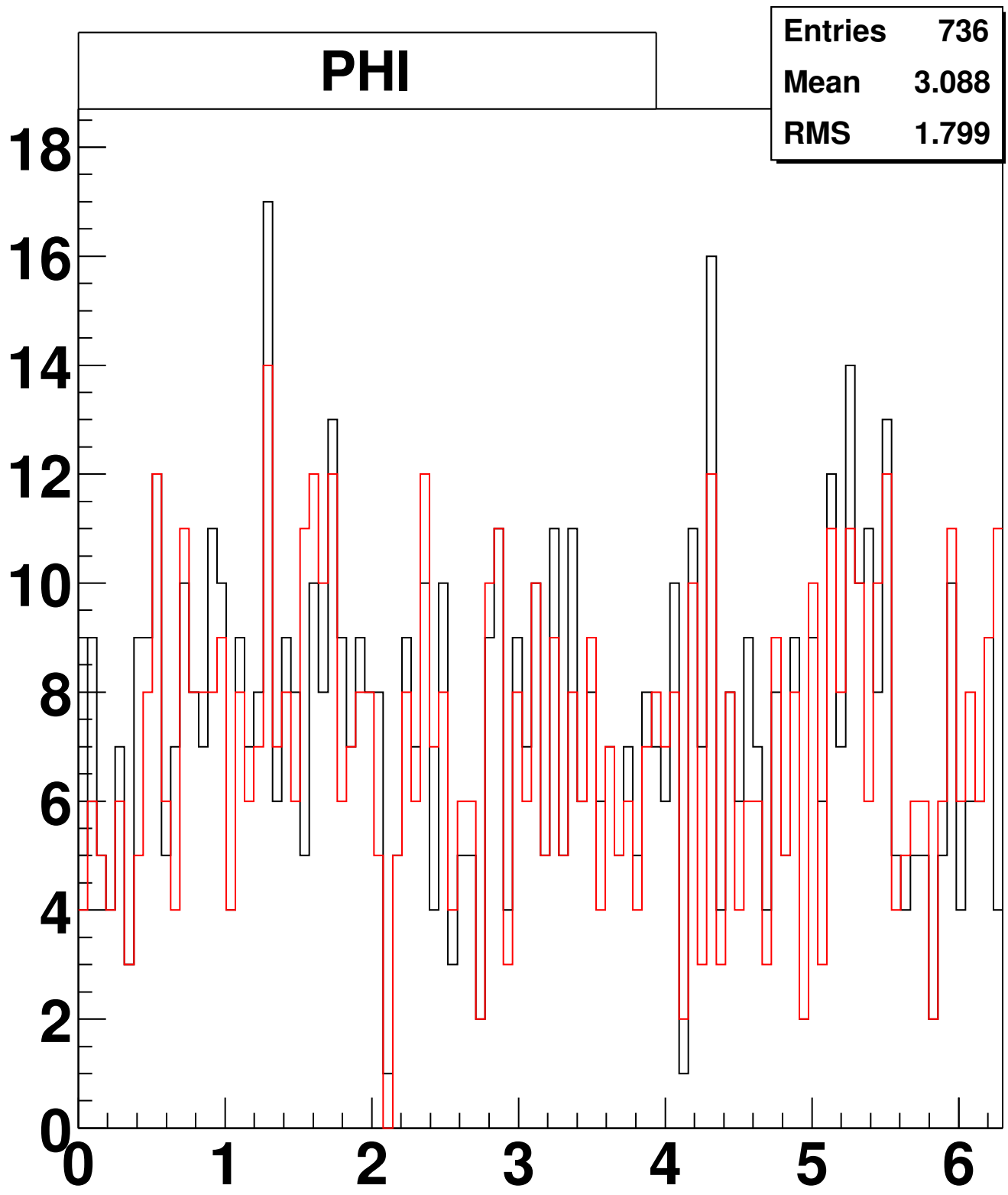


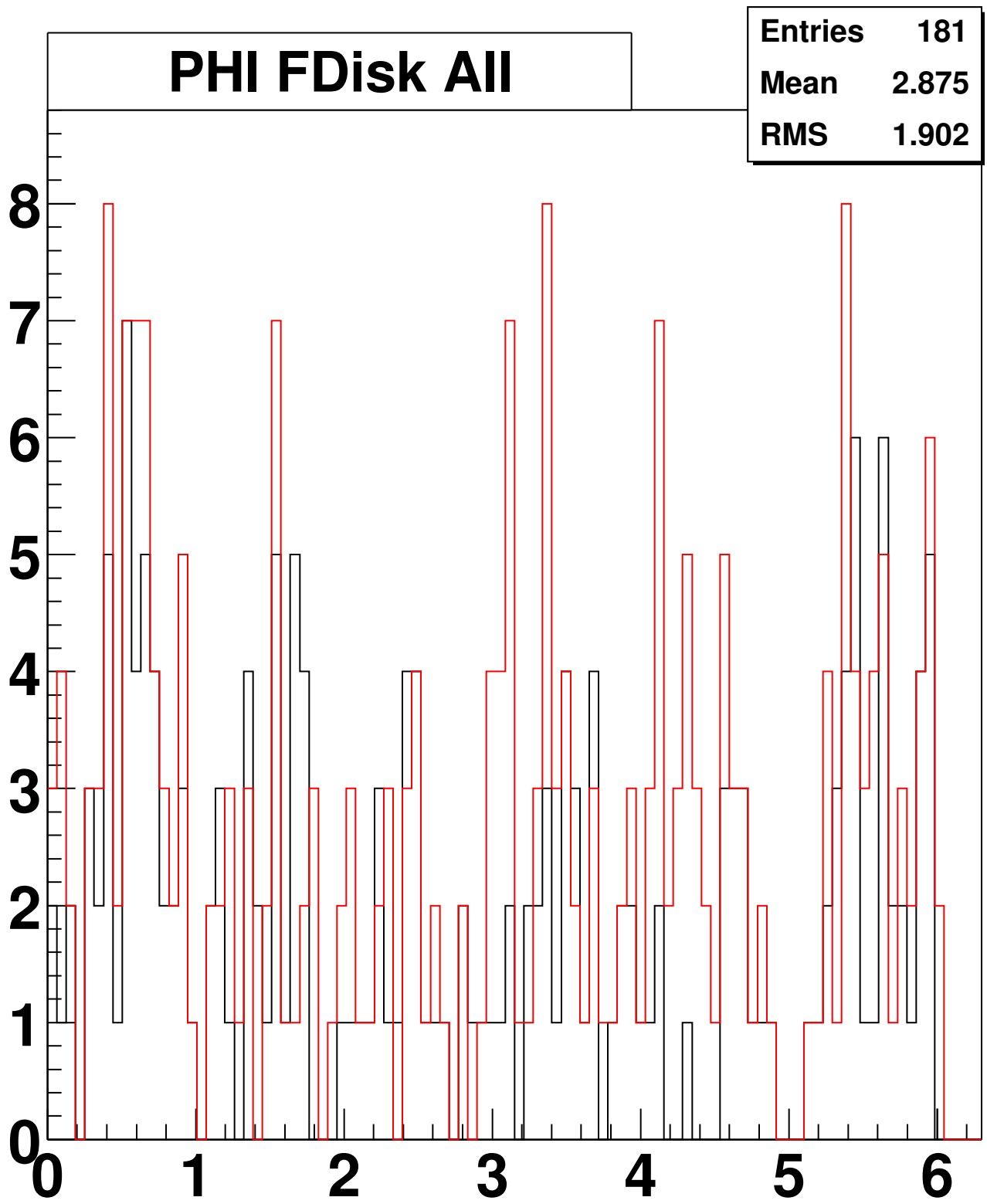
SmtClusters (ClustrBar6)

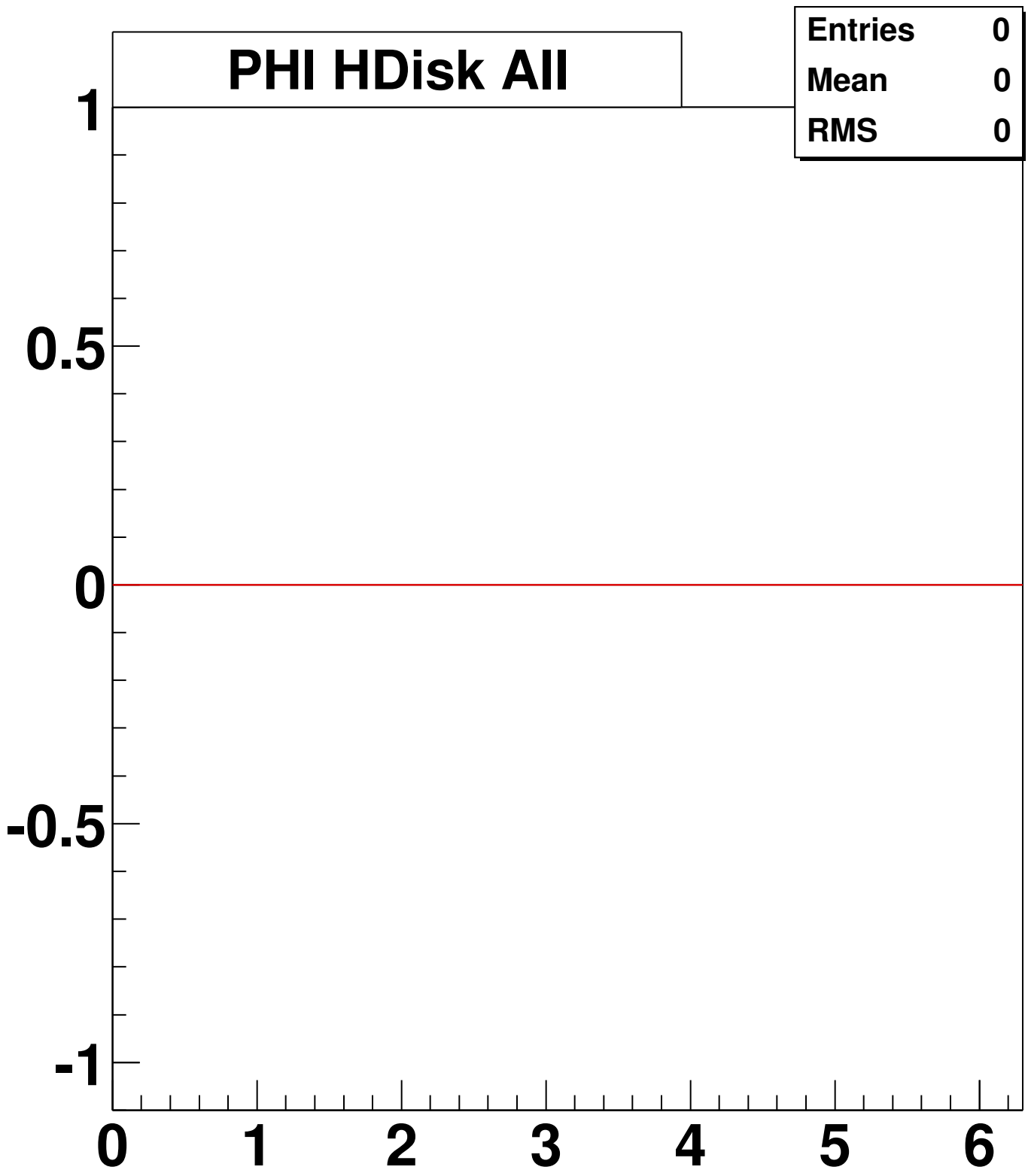


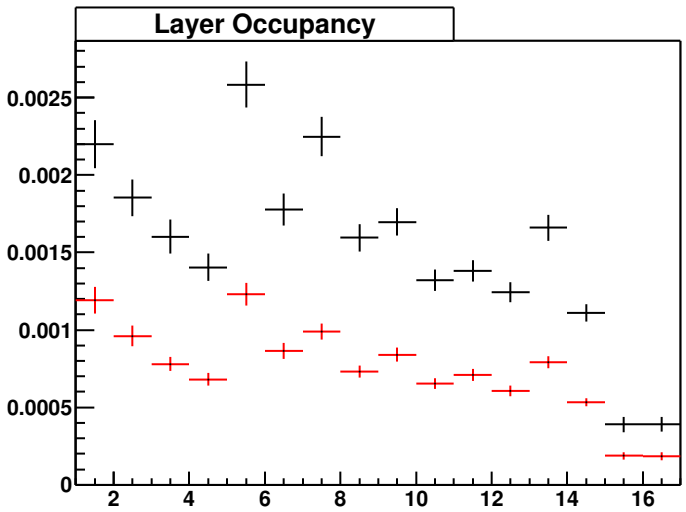
SmtClusters (FDiskClusters)

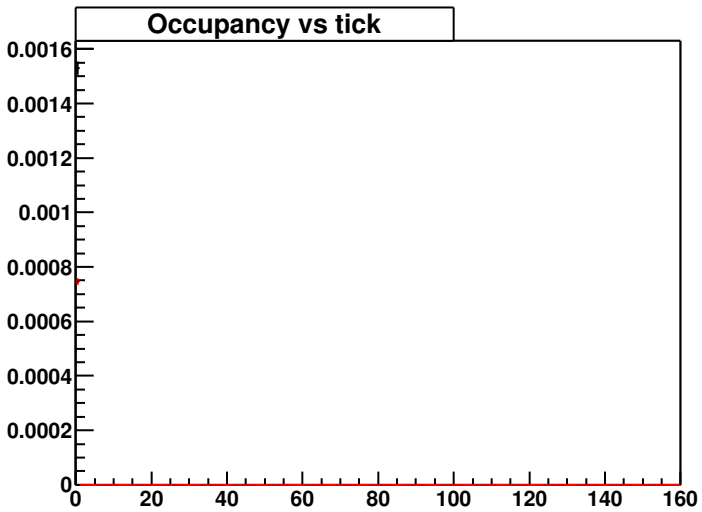

PHI HDisk1
Entries 1195
Mean 3.141
RMS 1.894
PHI HDisk2
Entries 1322
Mean 3.039
RMS 1.773
PHI HDisk3
Entries 1434
Mean 3.127
RMS 1.796
PHI HDisk4
Entries 1314
Mean 3.285
RMS 1.923
SmtClusters (HDiskClusters)

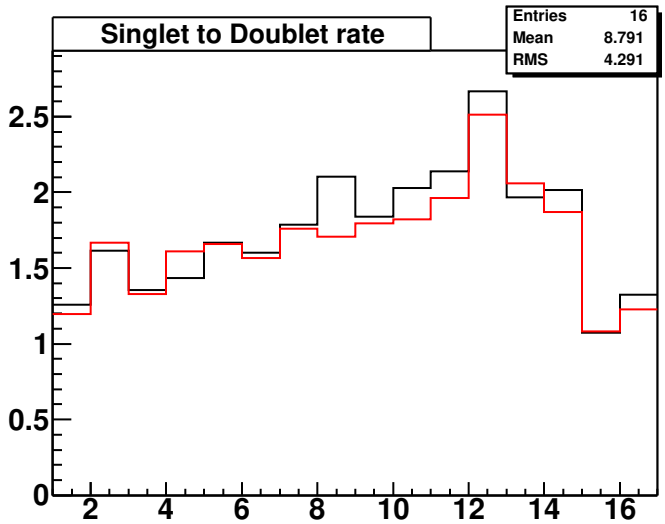

PHI
Entries 736
Mean 3.088
RMS 1.799
18
16
14
12
10
8
6
4
2
0
0
1
2
3
4
5
6
SmtClusters (allBarTClusters)

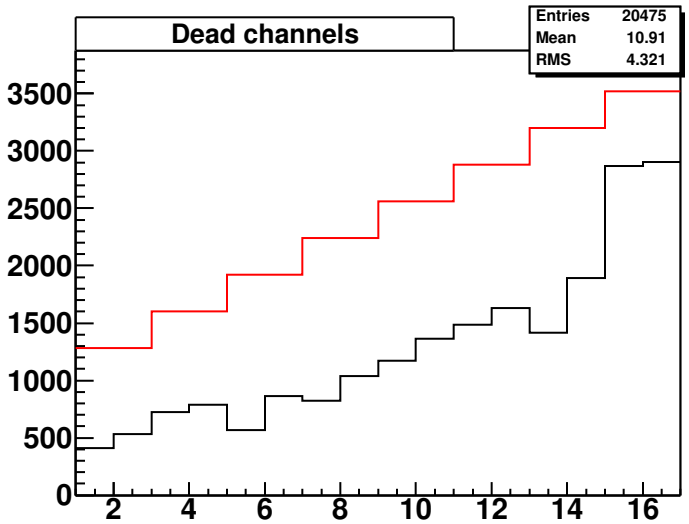

PHI FDisk All
Entries 181
Mean 2.875
RMS 1.902
0
1
2
3
4
5
6
7
8
0
1
2
3
4
5
6
SmtClusters (allFDiskTClusters)

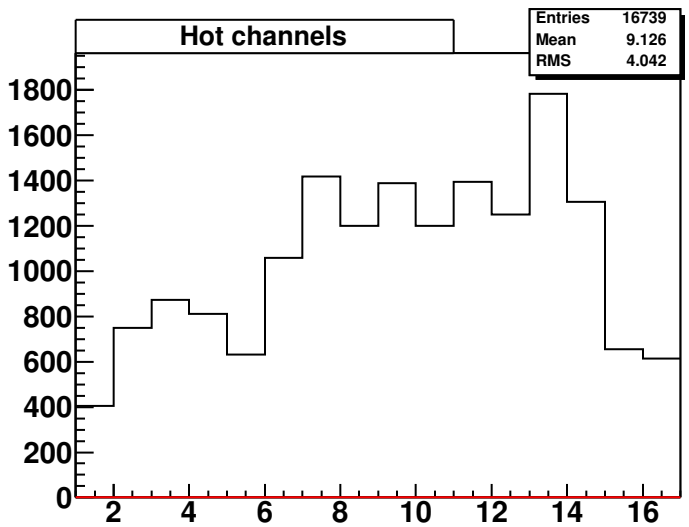

PHI HDisk All
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
1
2
3
4
5
6
SmtClusters (allHDiskTClusters)



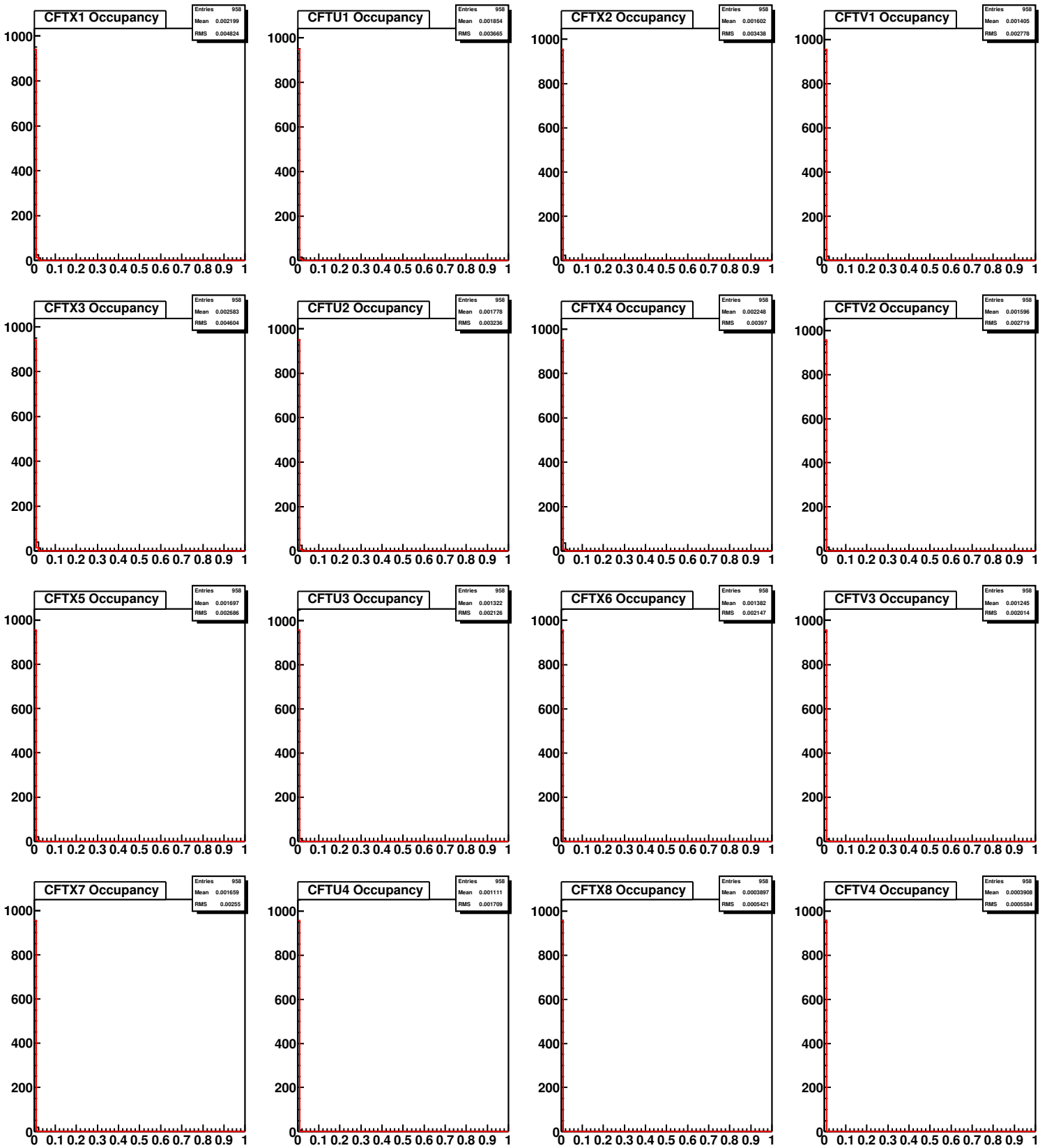




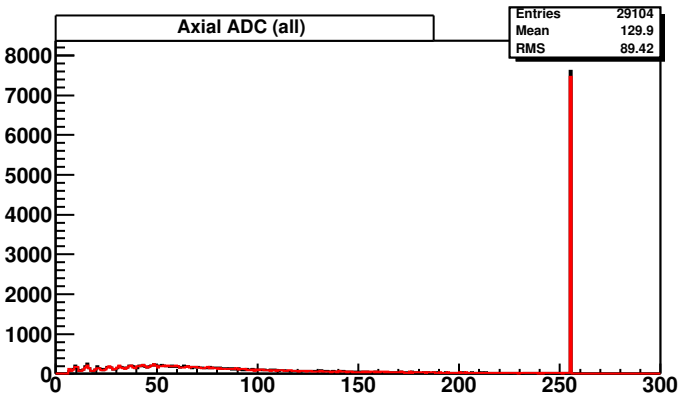


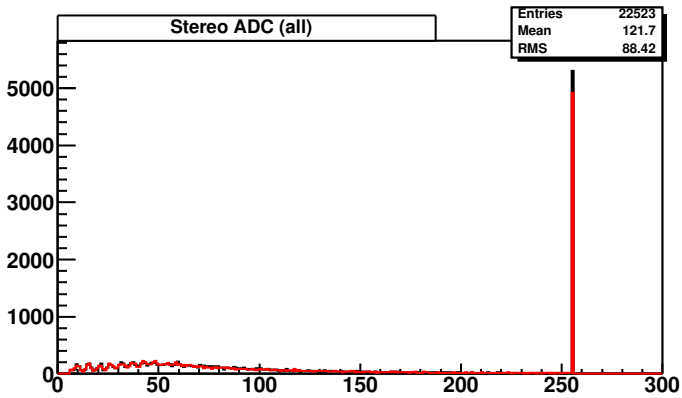


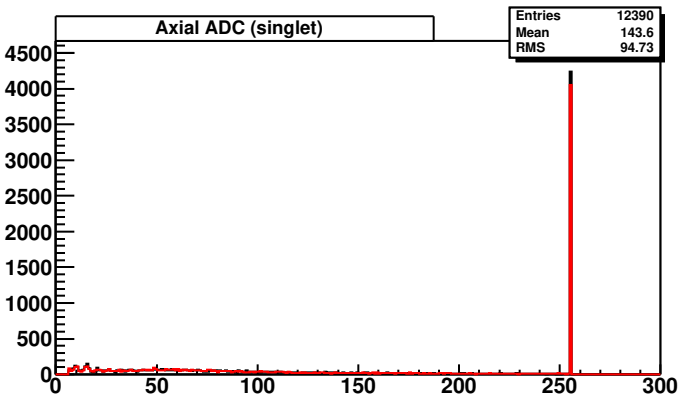
CFT Summary (All Clusters)

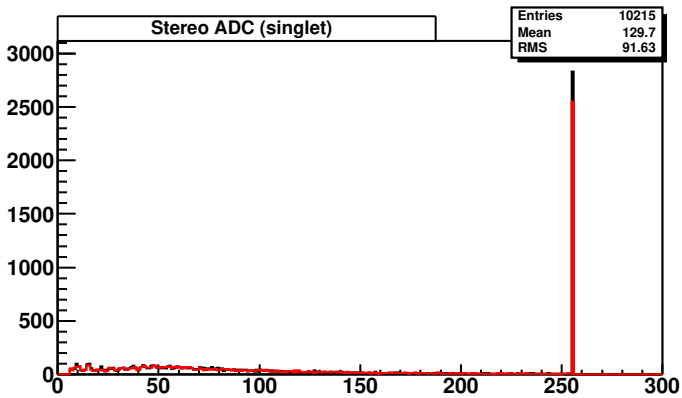


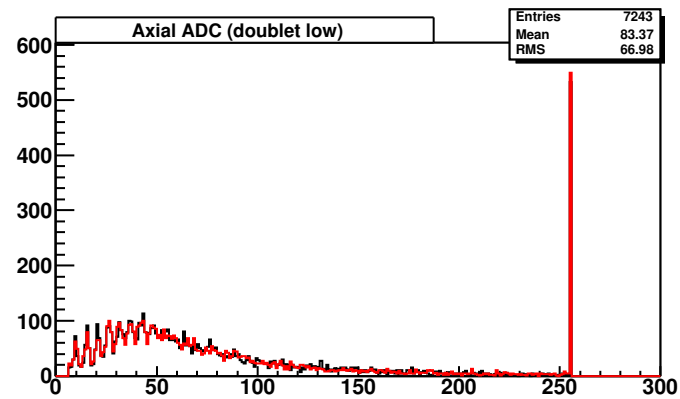
Cft Occupancy (All Clusters)

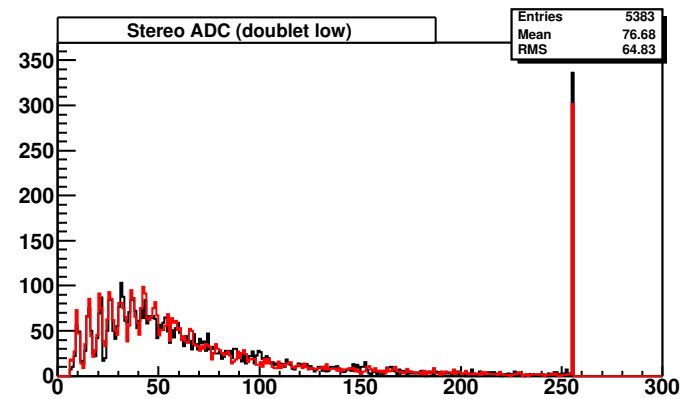


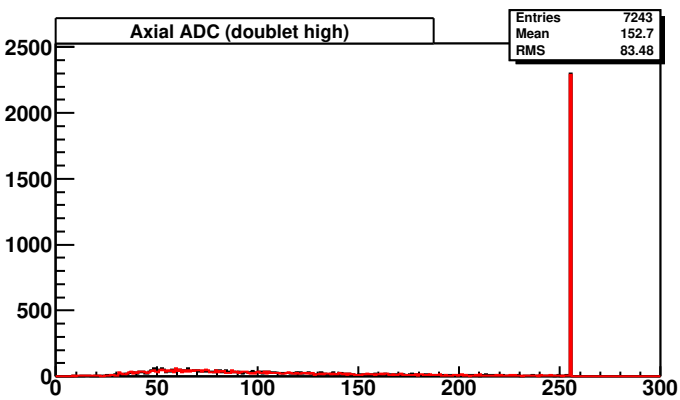


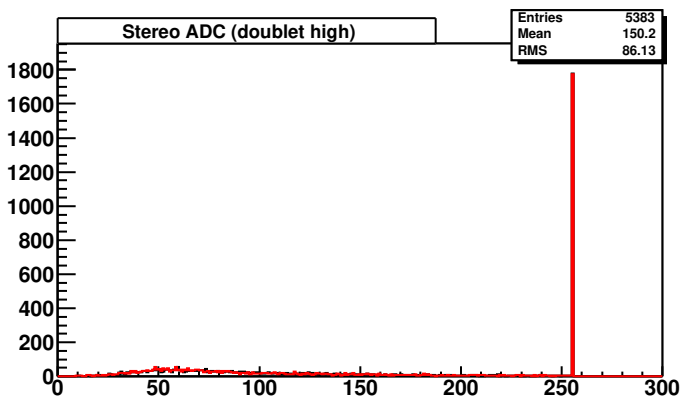




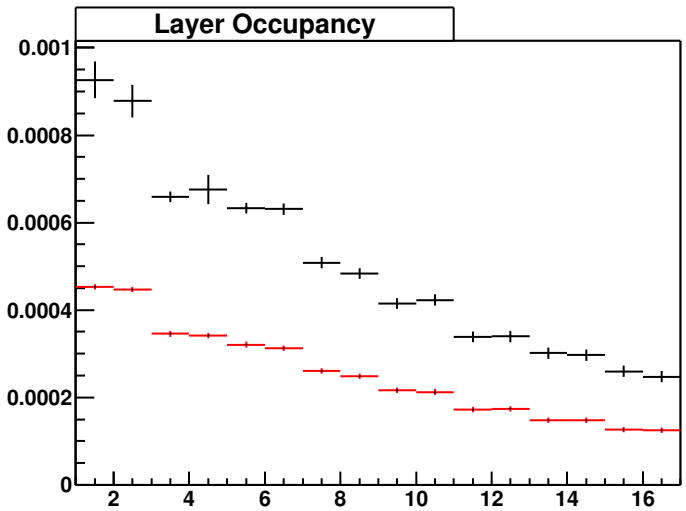


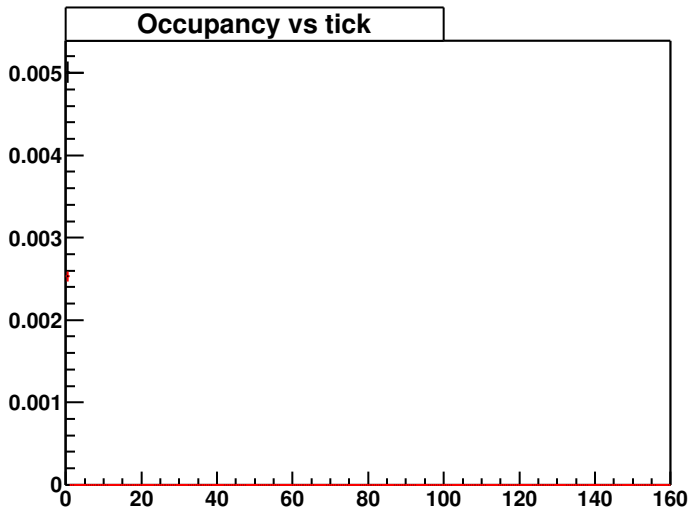


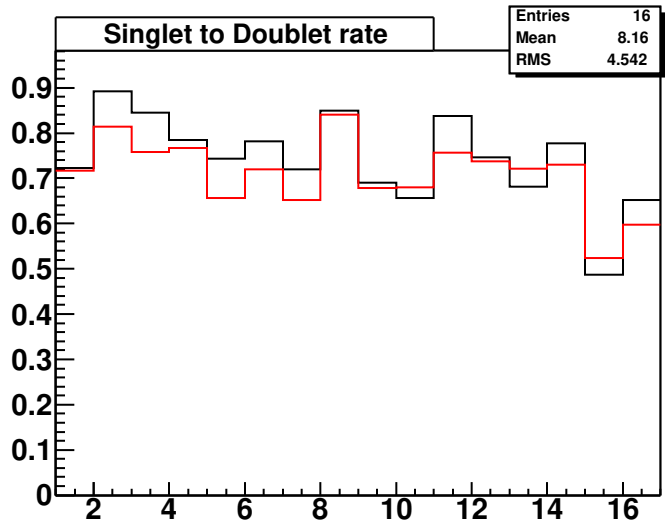


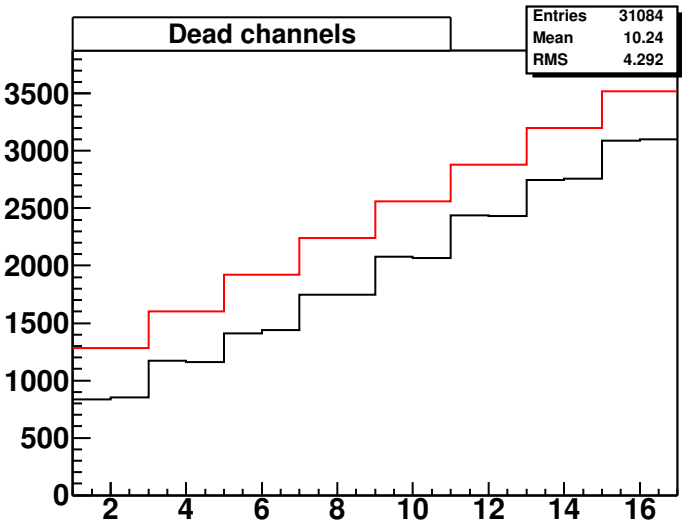


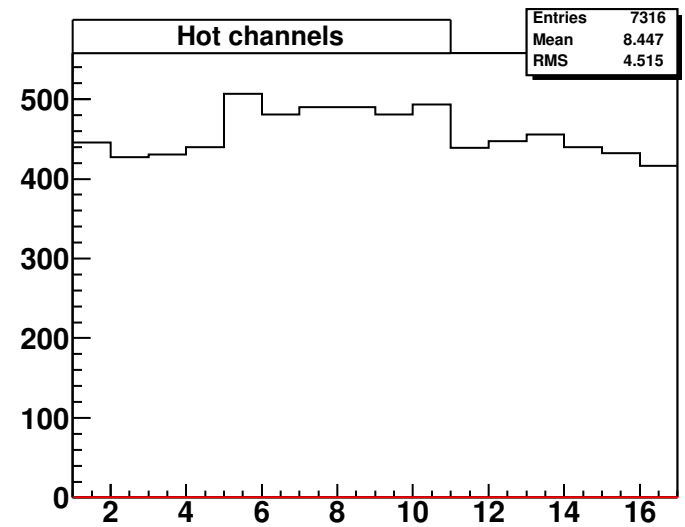
CFT ADC Summary (All Clusters)



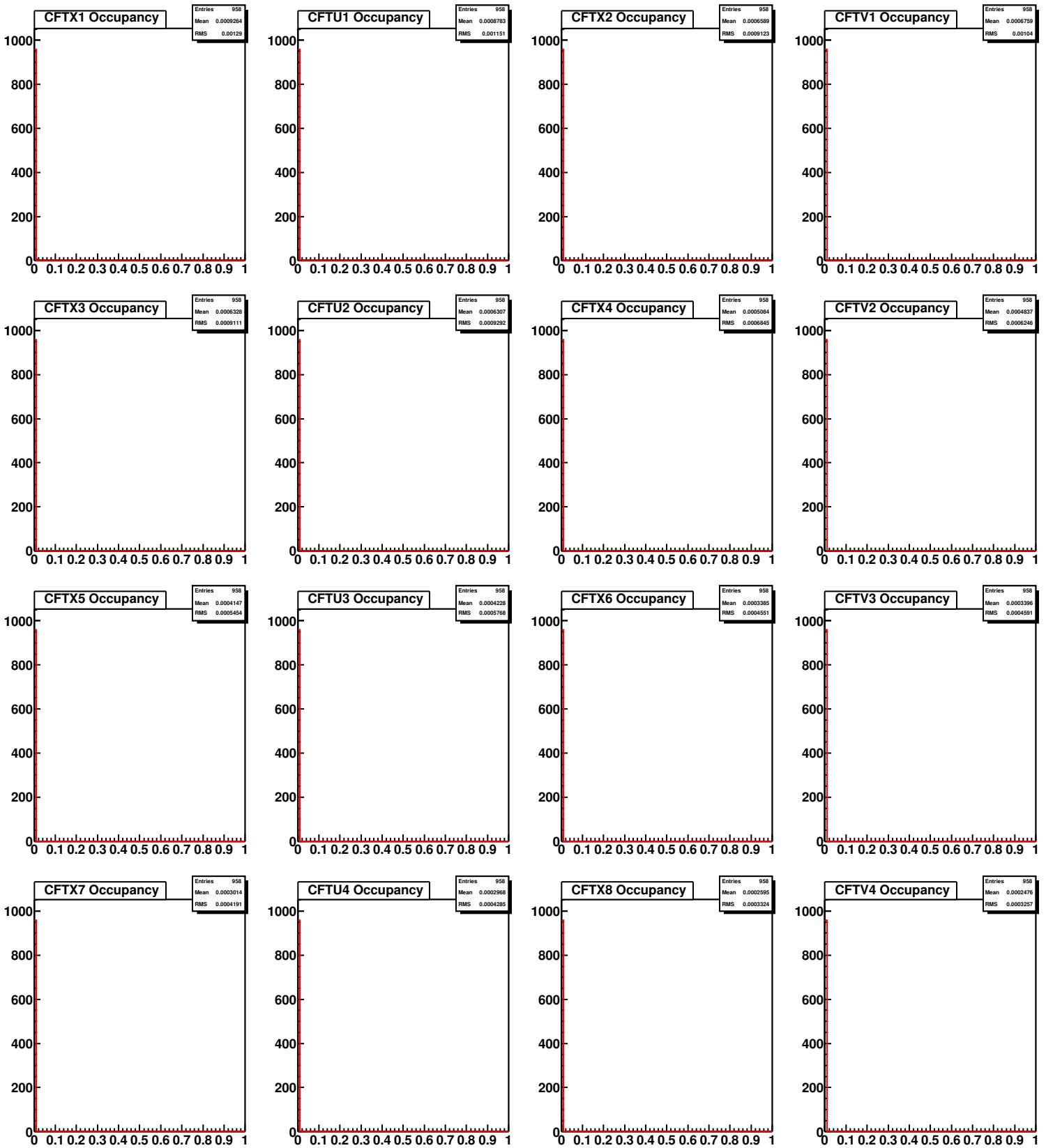




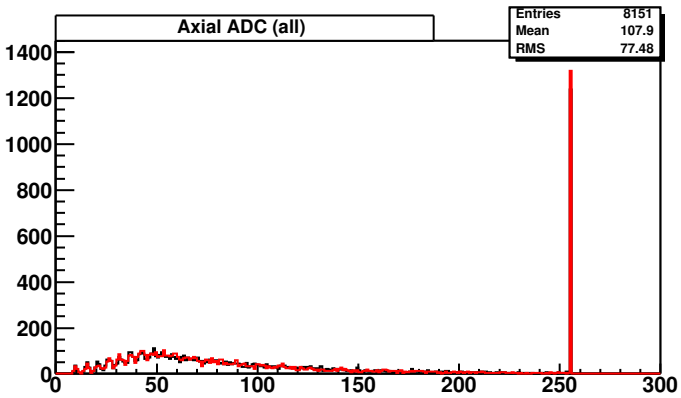


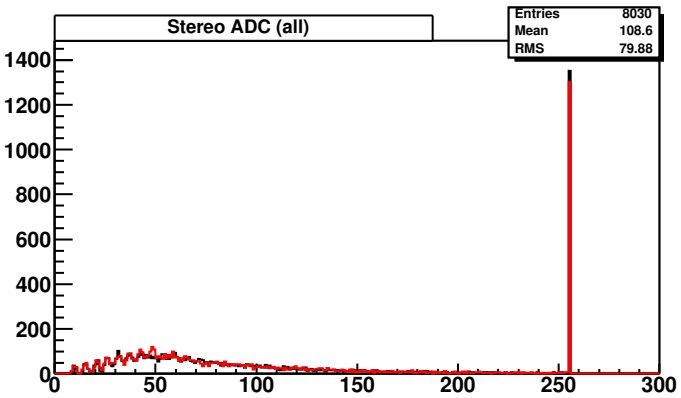


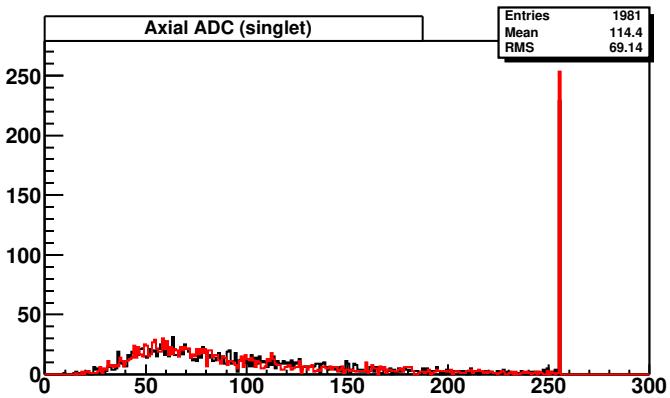
CFT Summary (Clusters on tracks)

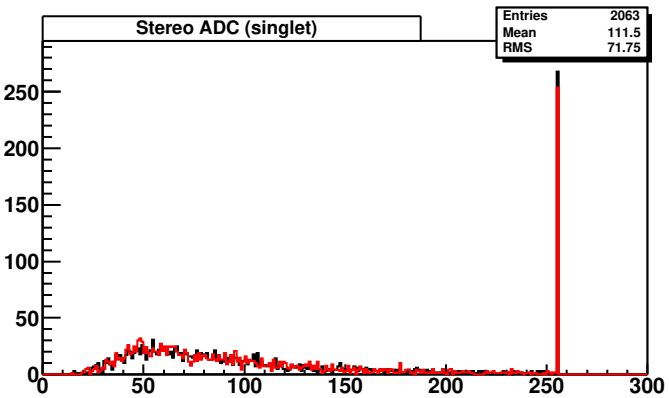


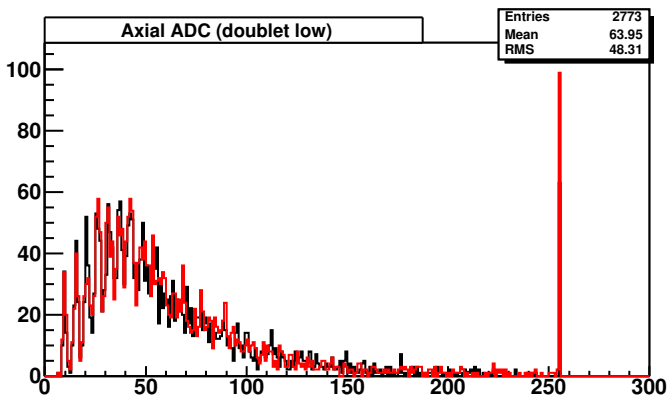
Cft Occupancy (Clusters on tracks)

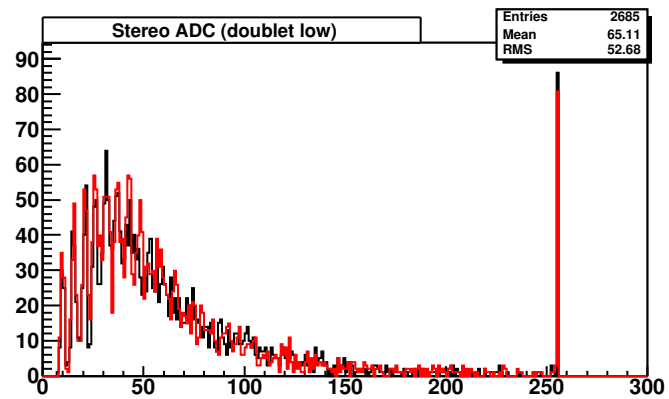


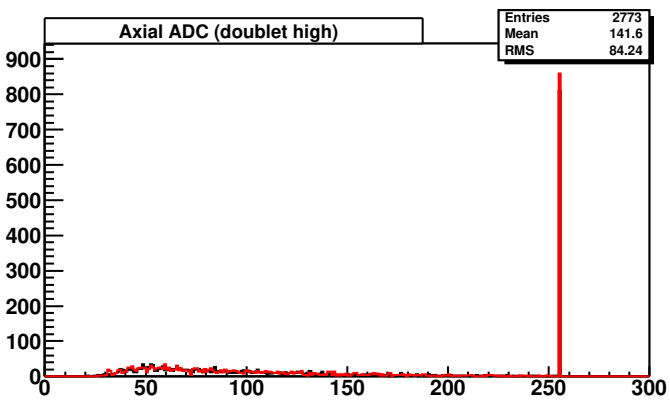


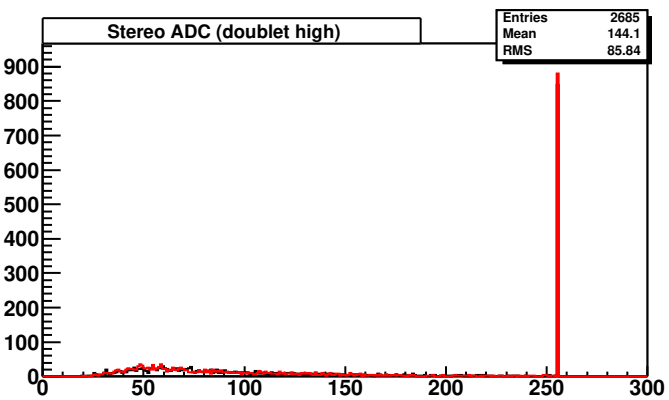




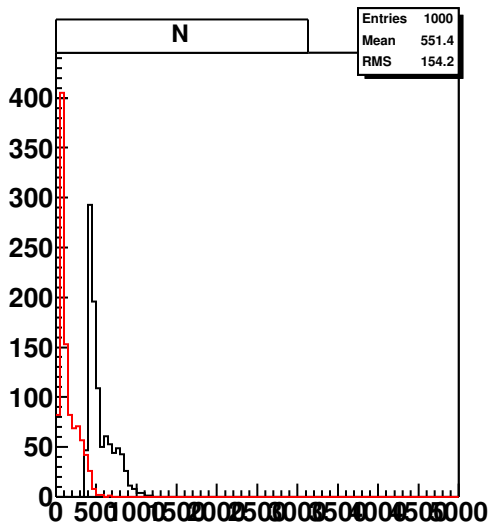


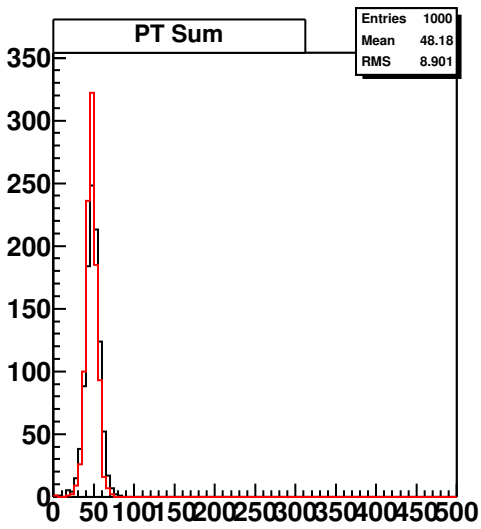


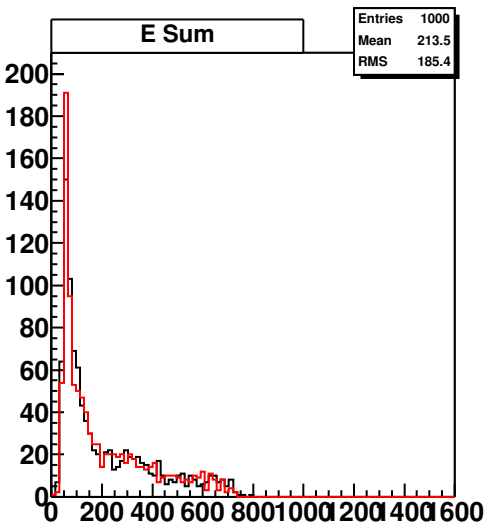


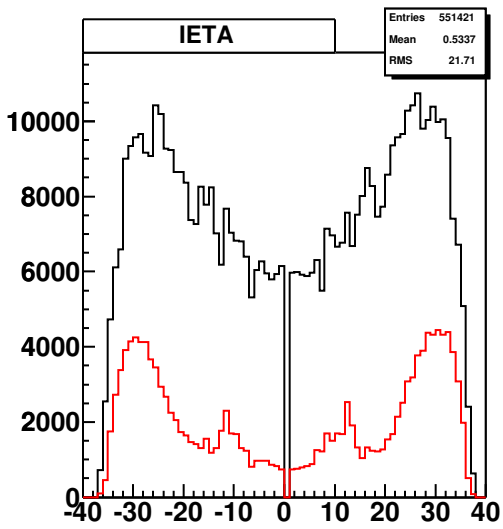


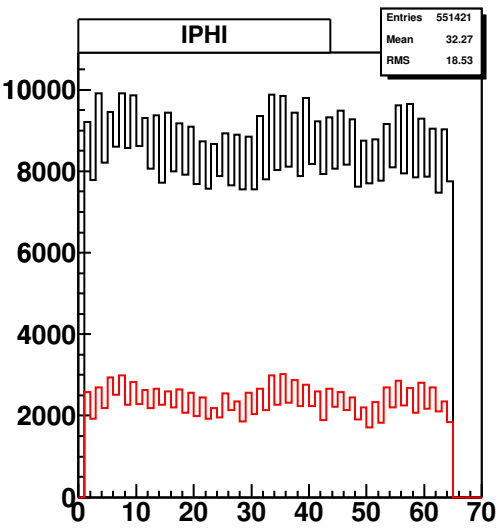
CFT ADC Summary (Clusters on tracks)

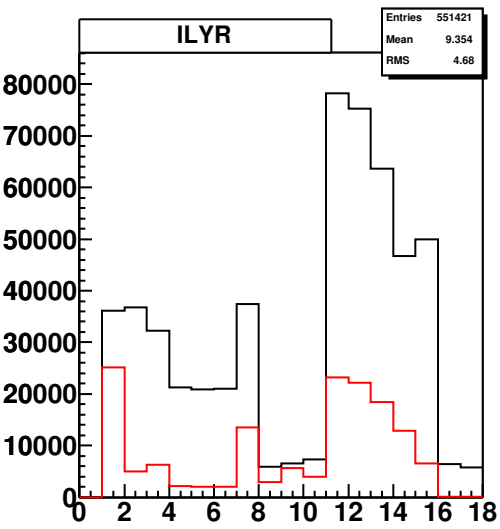


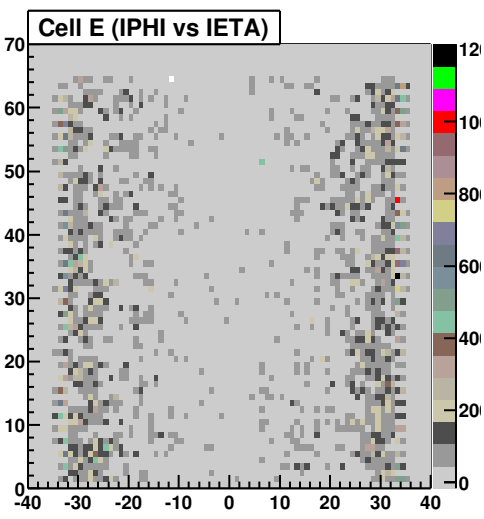


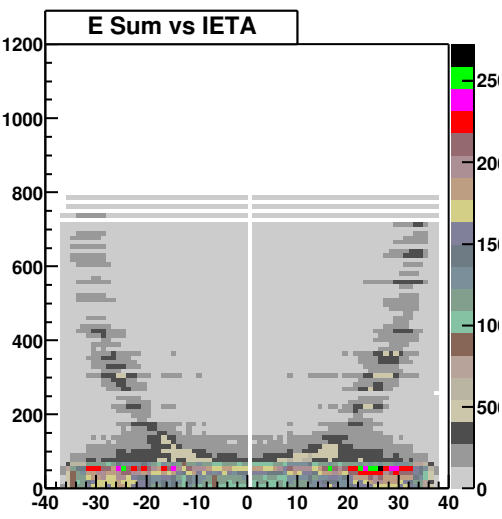


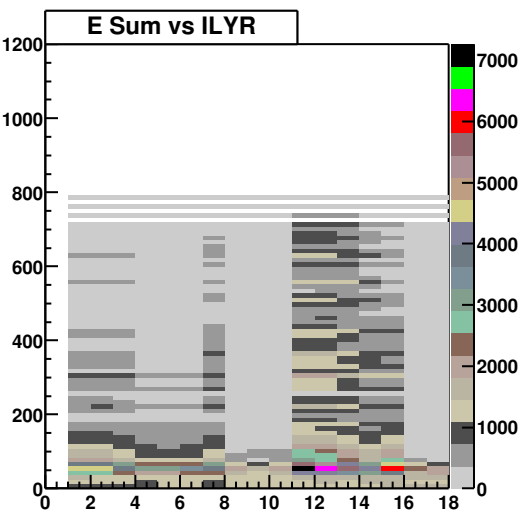




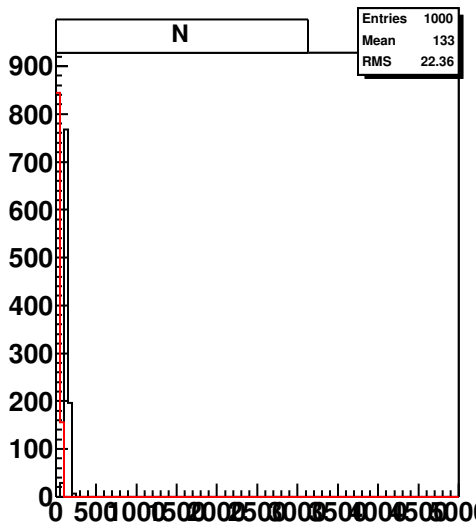


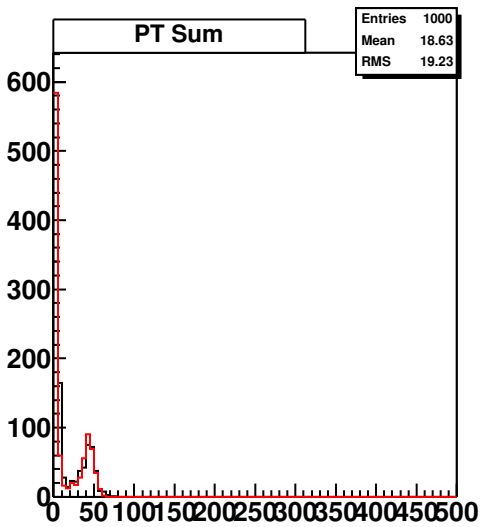


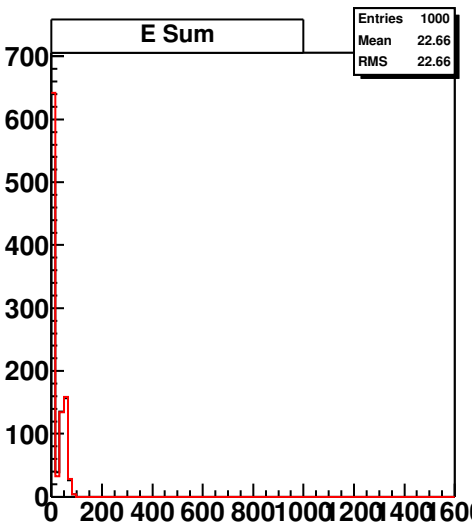


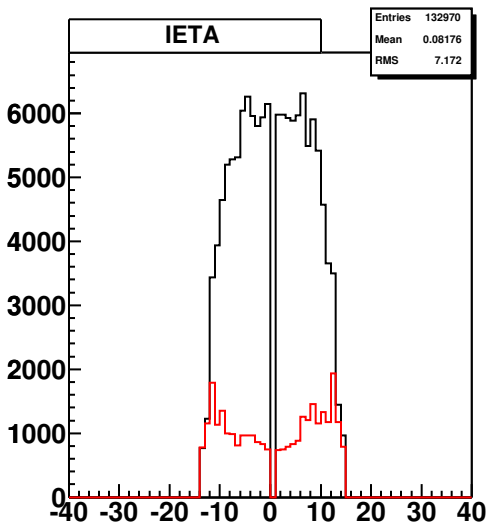


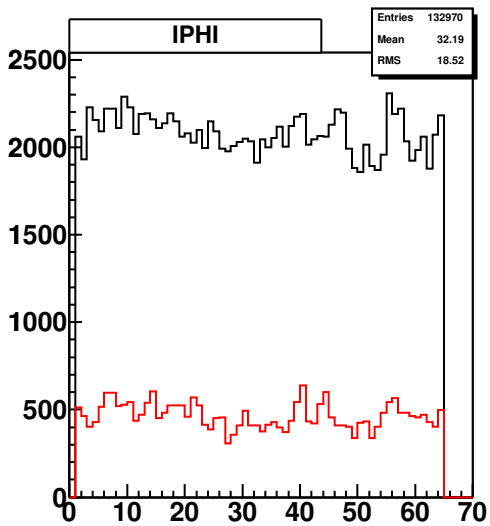
Calorimeter (All cells)

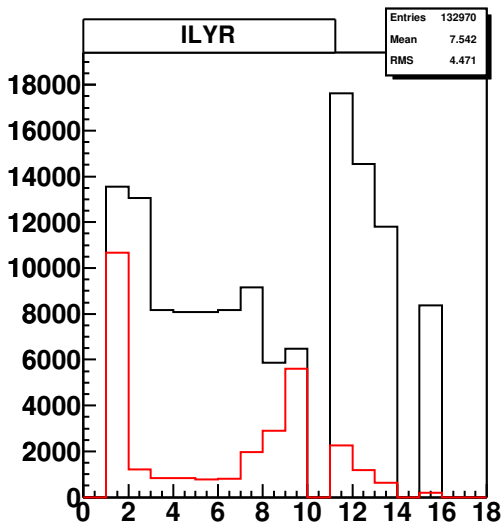


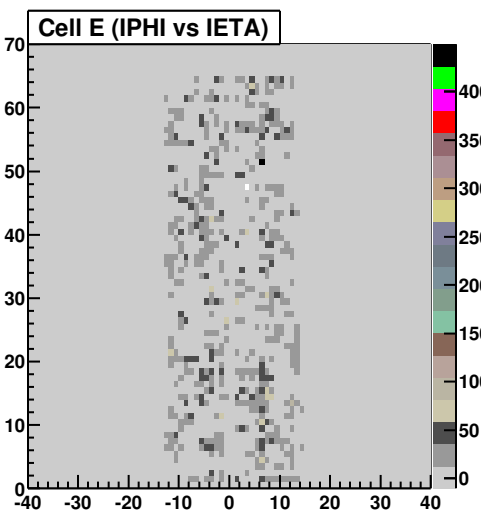


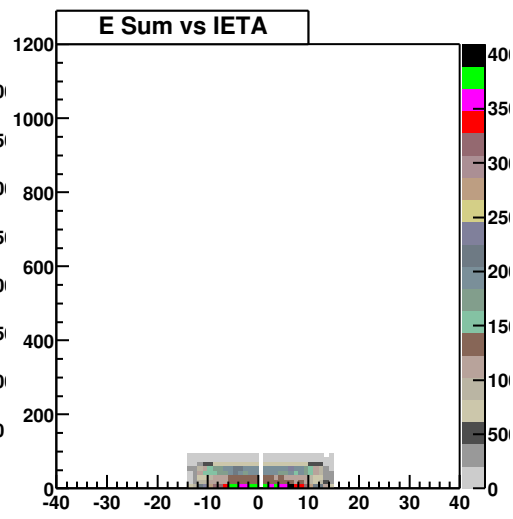


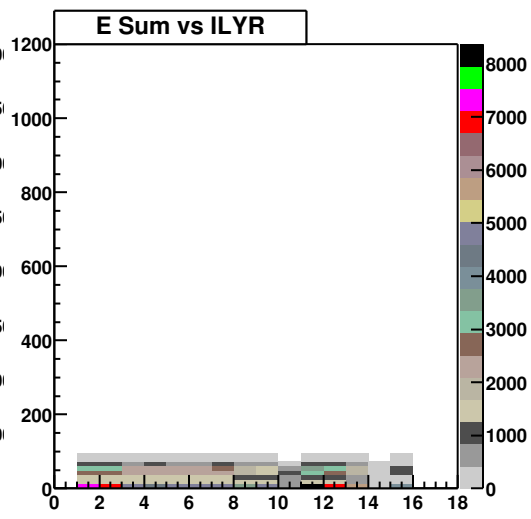




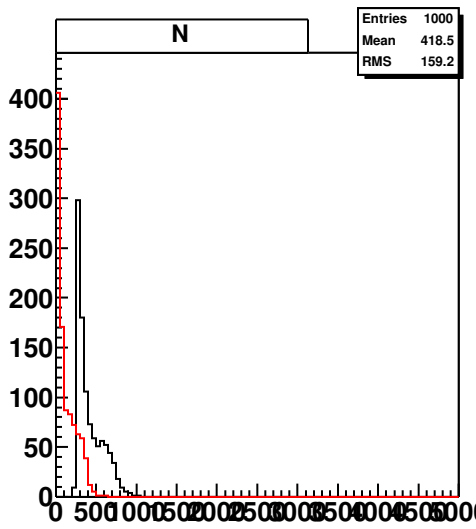


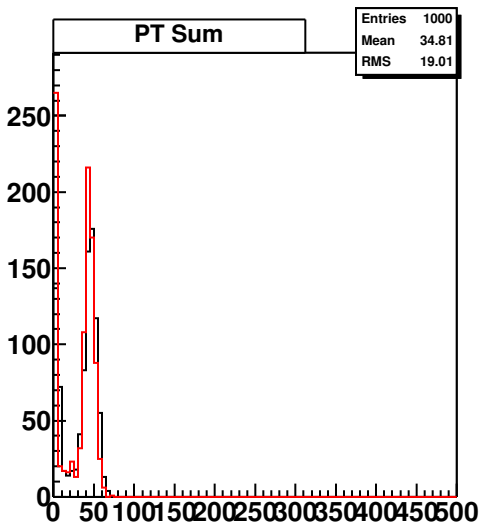


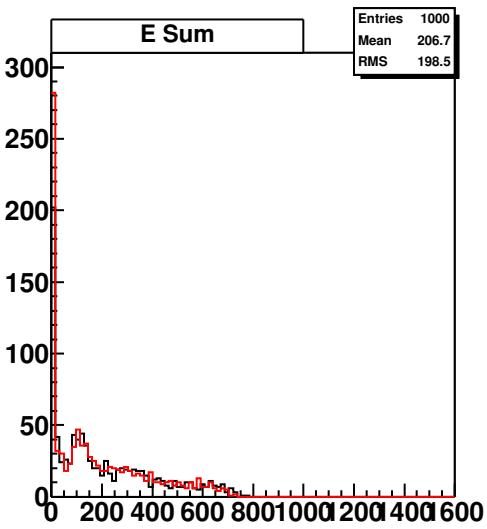


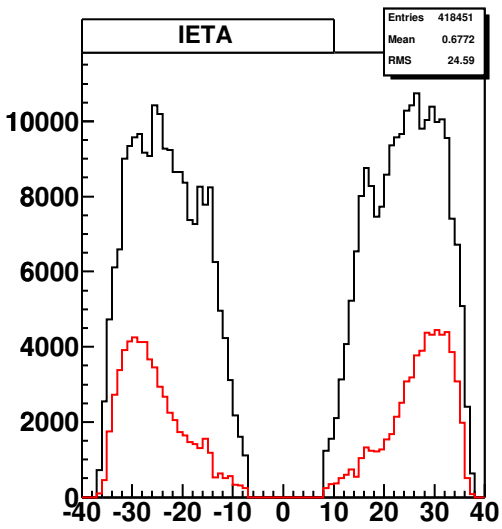


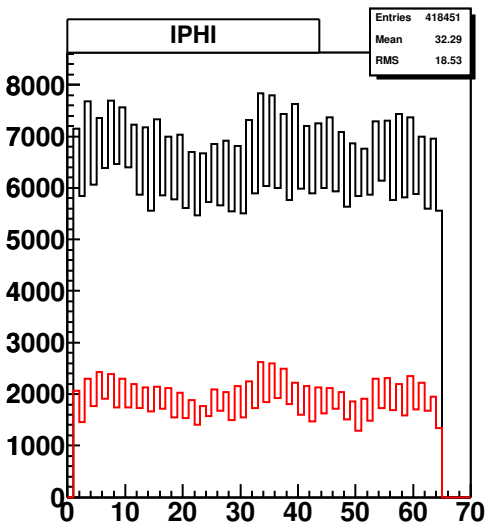
Calorimeter (All CC cells)

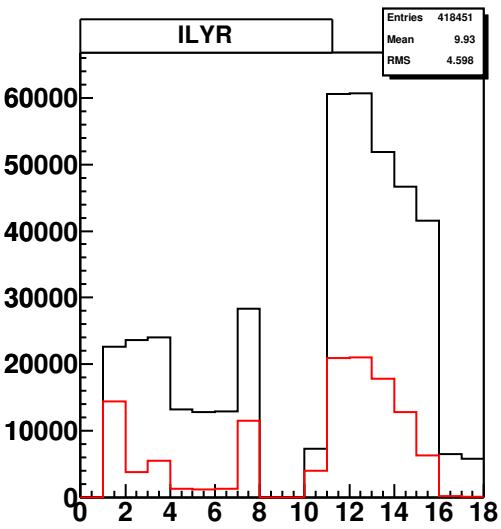


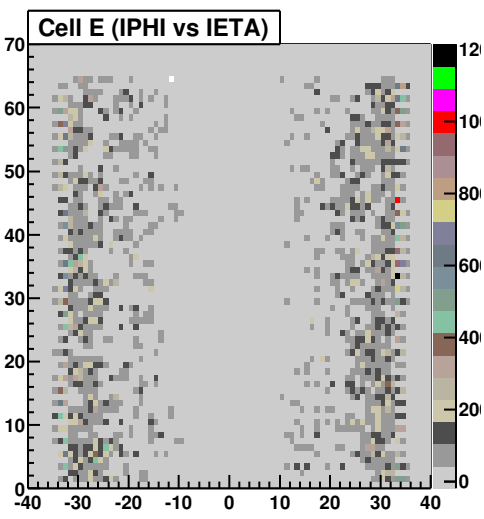


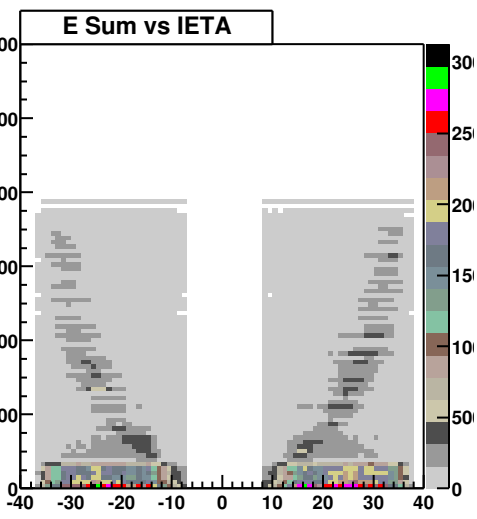


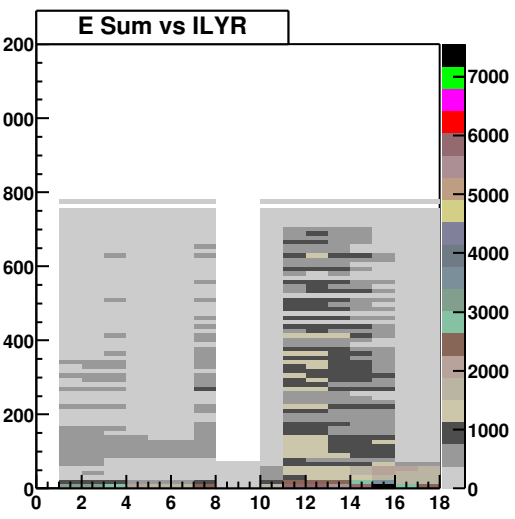




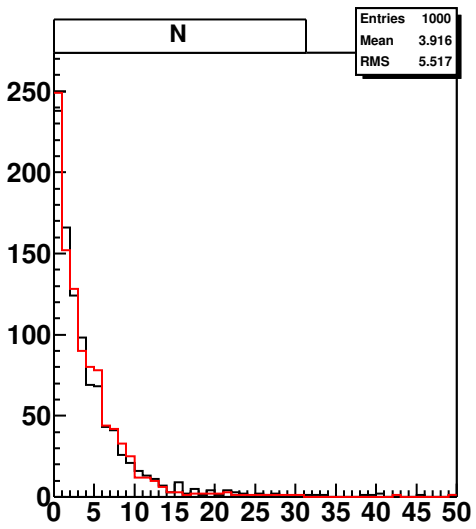








Calorimeter (All EC cells)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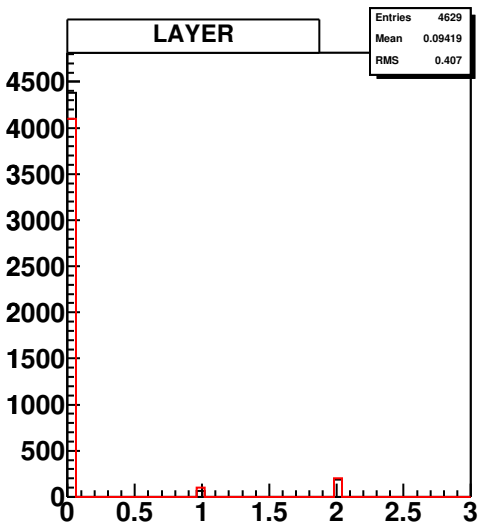
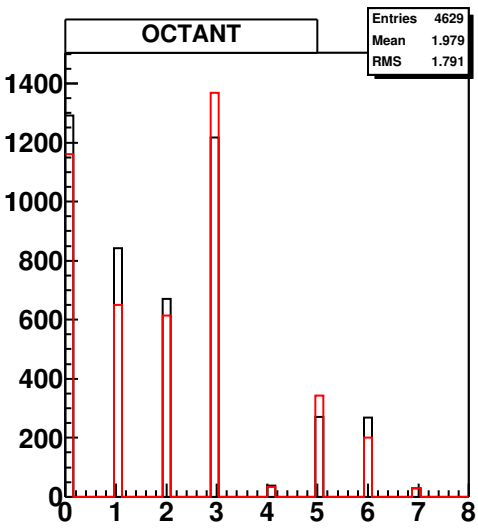
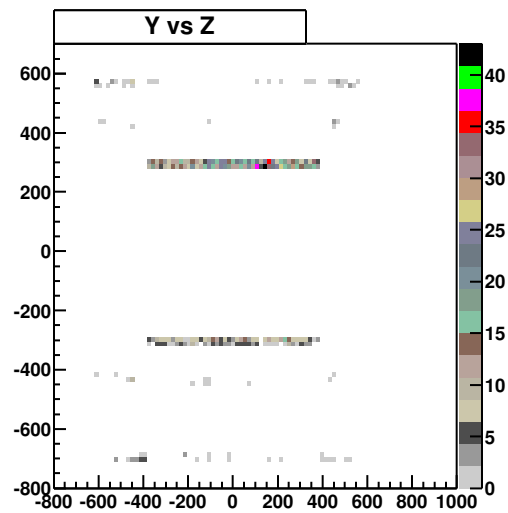
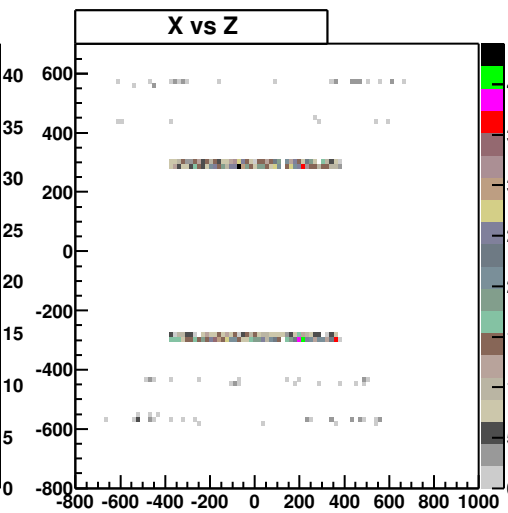
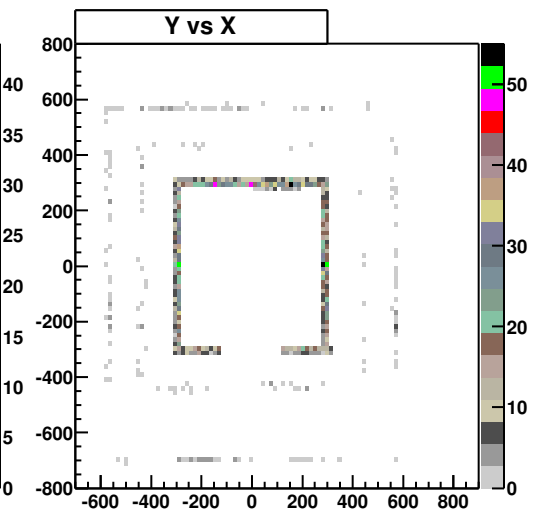
Entries 1000
Mean 3.916
RMS 5.517

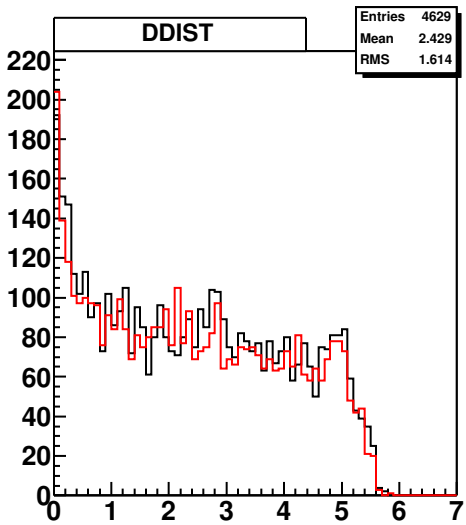

LAYER
Entries 4629
Mean 0.09419
RMS 0.407

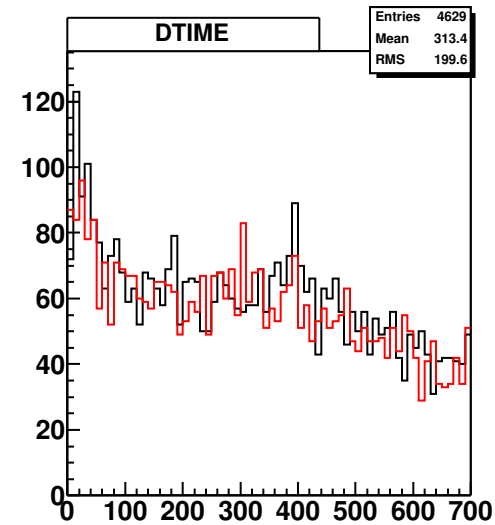

OCTANT
Entries 4629
Mean 1.979
RMS 1.791


Y vs Z

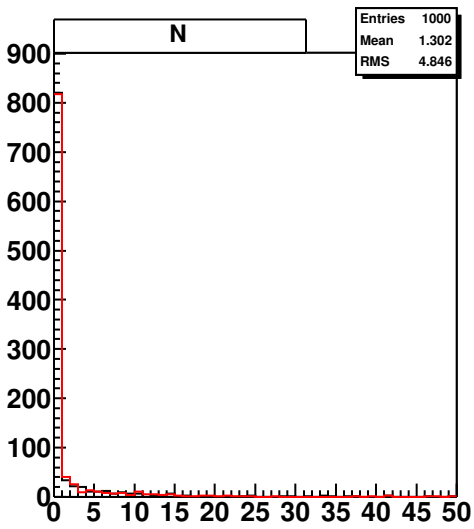

X vs Z

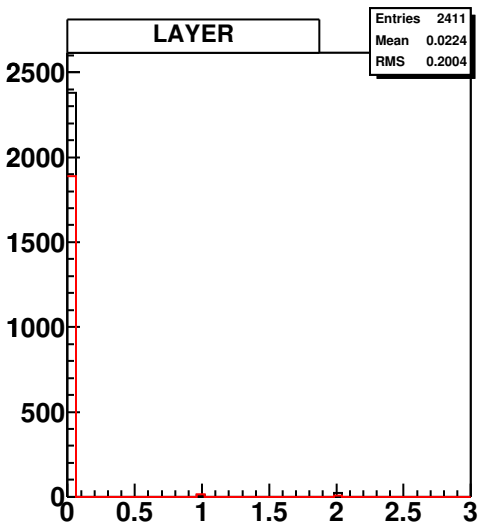

Y vs X

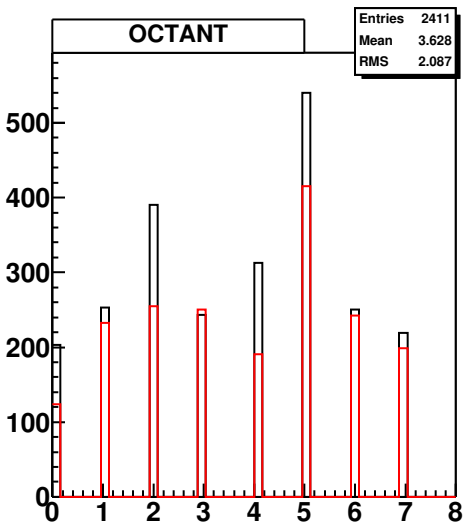

DDIST
Entries 4629
Mean 2.429
RMS 1.614

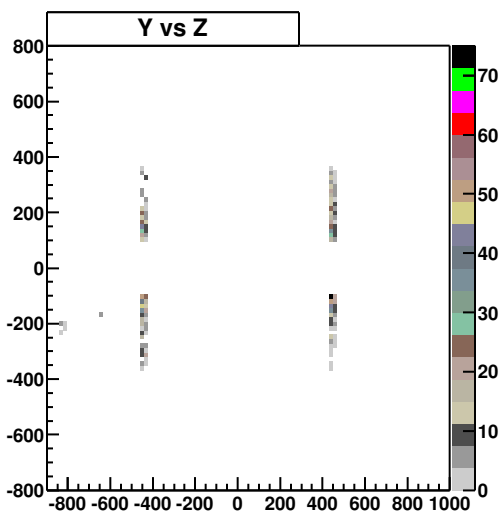

DTIME
Entries 4629
Mean 313.4
RMS 199.6

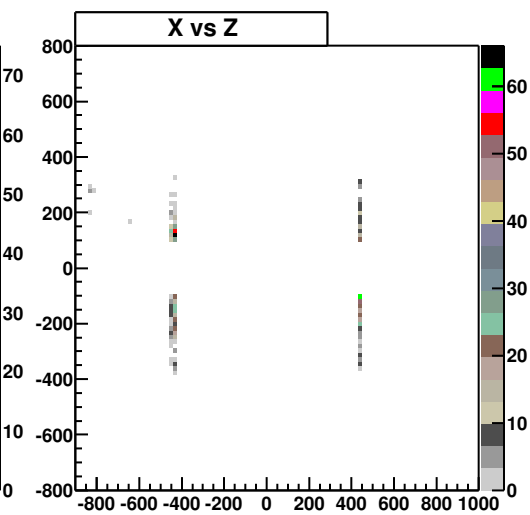
MuonPDT (All)

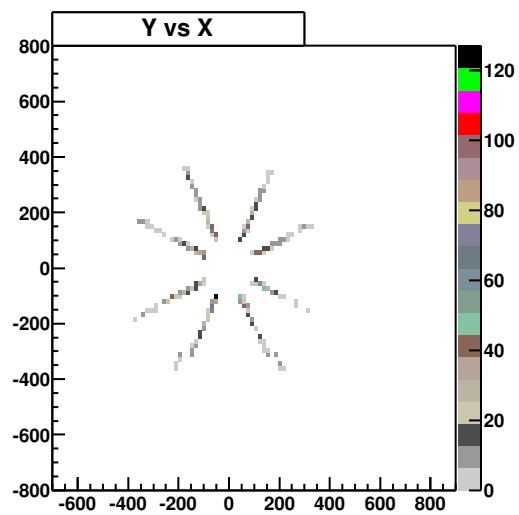

N
Entries 1000
Mean 1.302
RMS 4.846

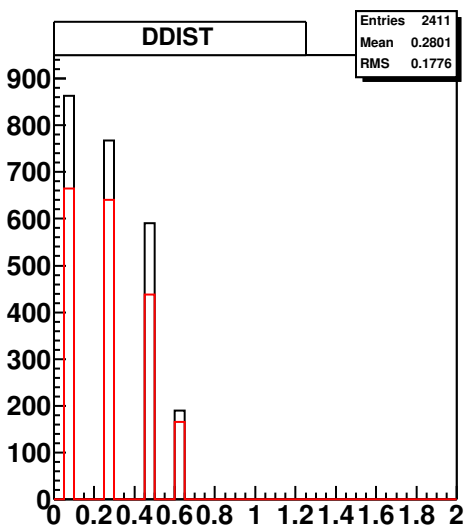

LAYER
Entries 2411
Mean 0.0224
RMS 0.2004

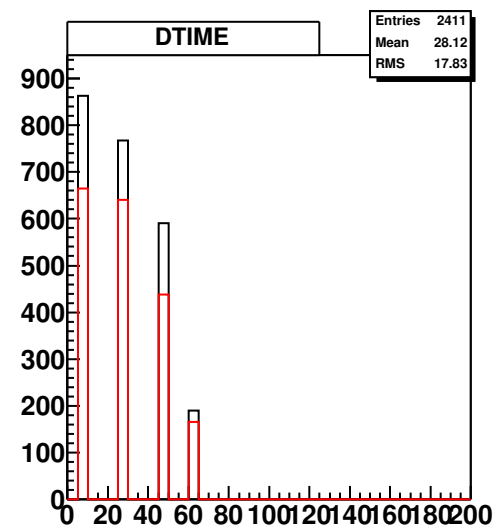

OCTANT
Entries 2411
Mean 3.628
RMS 2.087


Y vs Z

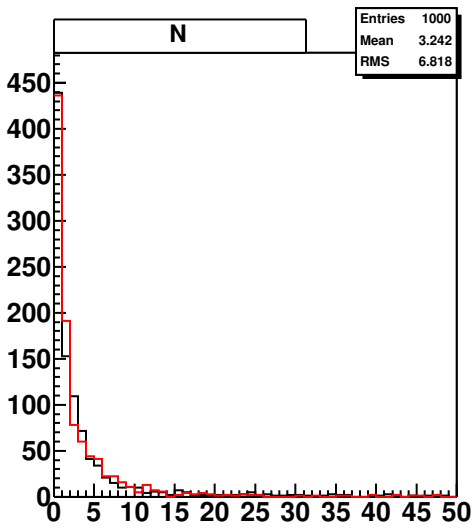

X vs Z

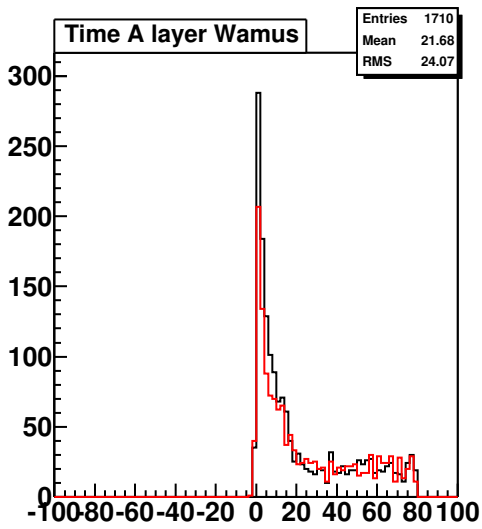

Y vs X

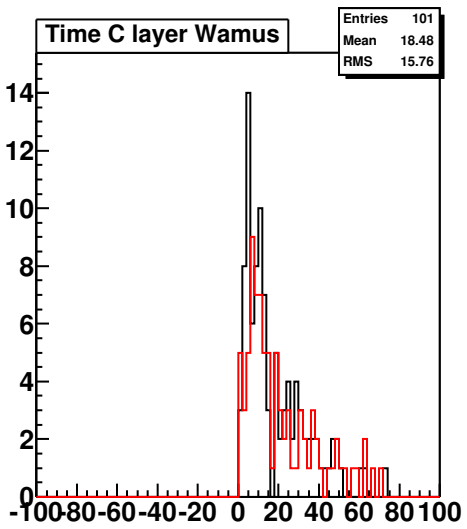

DDIST
Entries 2411
Mean 0.2801
RMS 0.1776

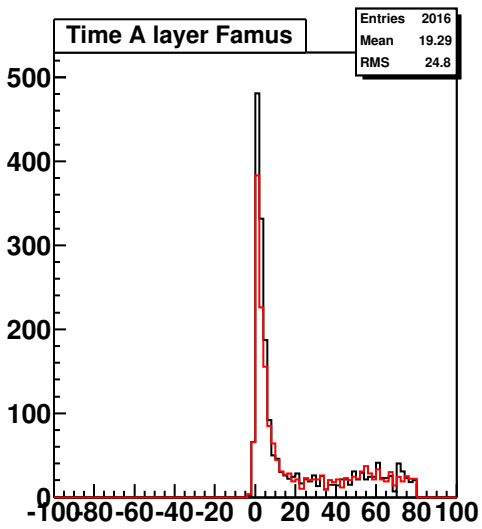

DTIME
Entries 2411
Mean 28.12
RMS 17.83

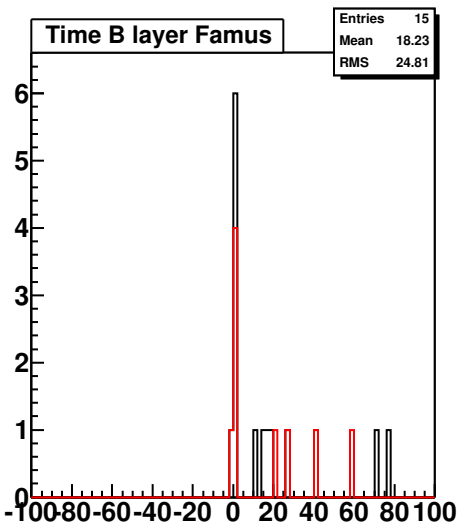
MuonMDT (All)

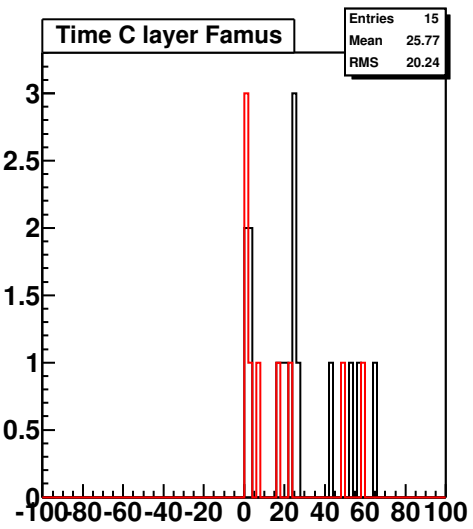

N
Entries 1000
Mean 3.242
RMS 6.818

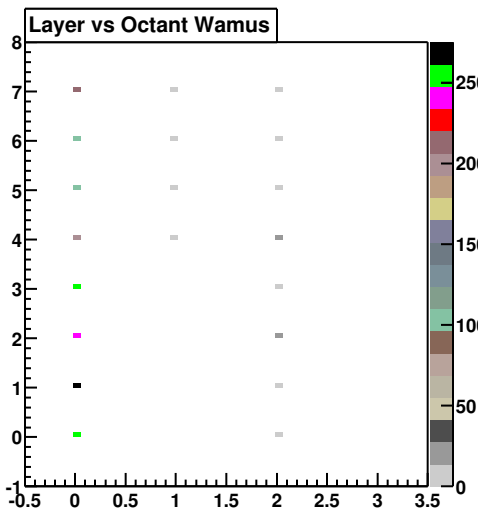

Time A layer Wamus
Entries 1710
Mean 21.68
RMS 24.07

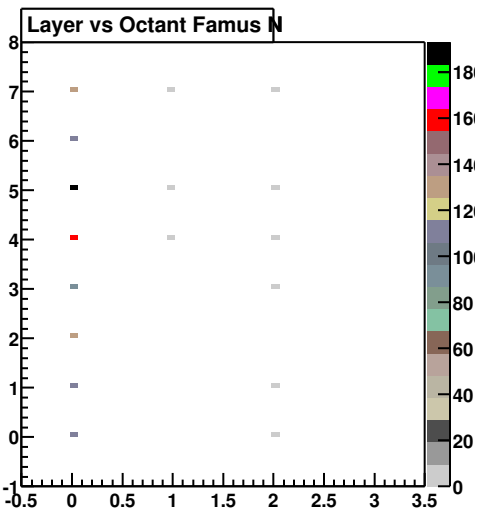

Time C layer Wamus
Entries 101
Mean 18.48
RMS 15.76

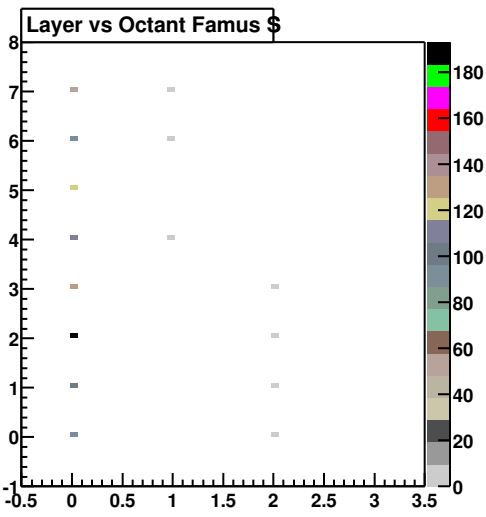

Time A layer Famus
Entries 2016
Mean 19.29
RMS 24.8


Time B layer Famus
Entries 15
Mean 18.23
RMS 24.81

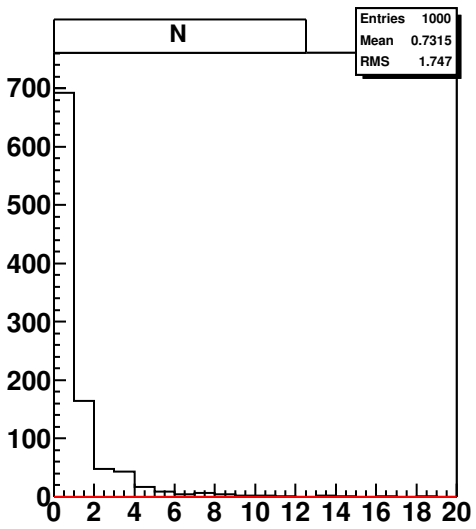

Time C layer Famus
Entries 15
Mean 25.77
RMS 20.24

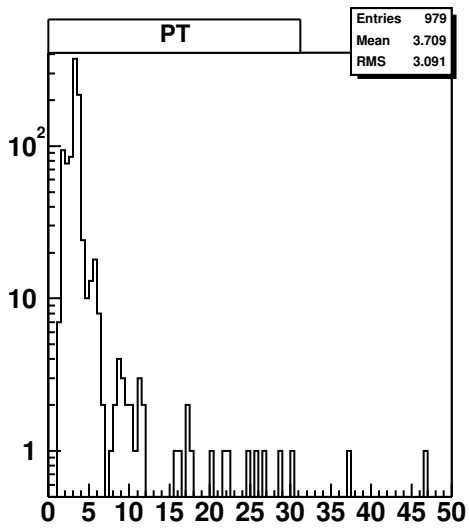

Layer vs Octant Wamus

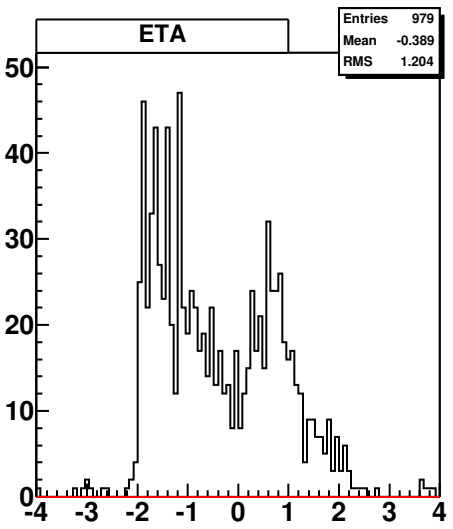

Layer vs Octant Famus N

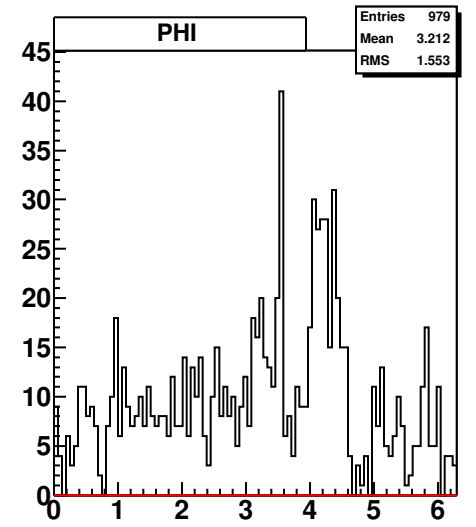

Layer vs Octant Famus $

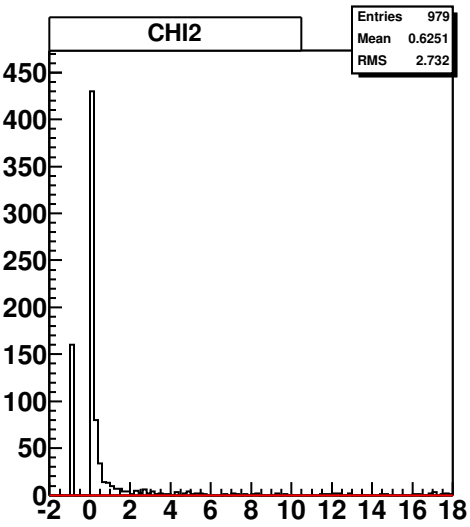
MuonMSC (All)

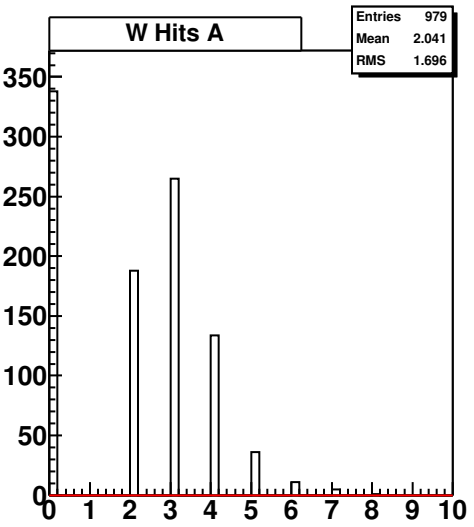


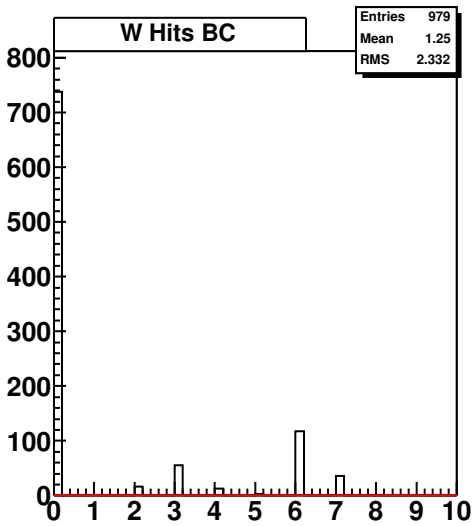


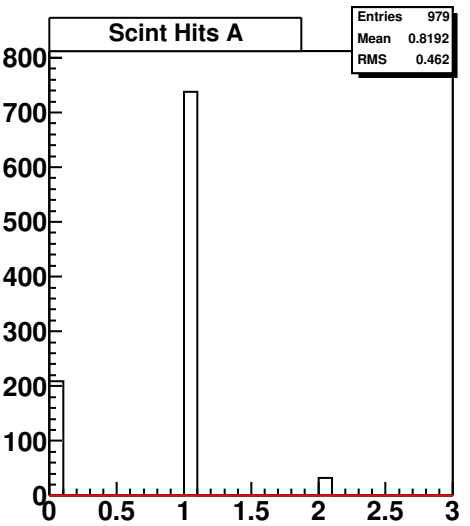


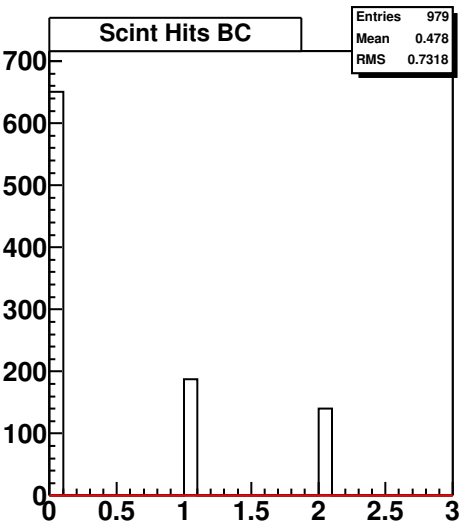




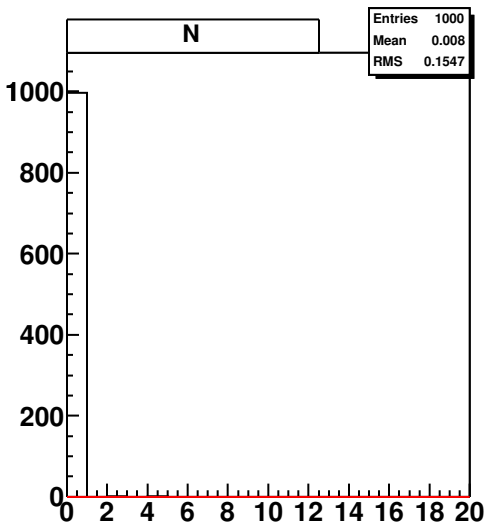


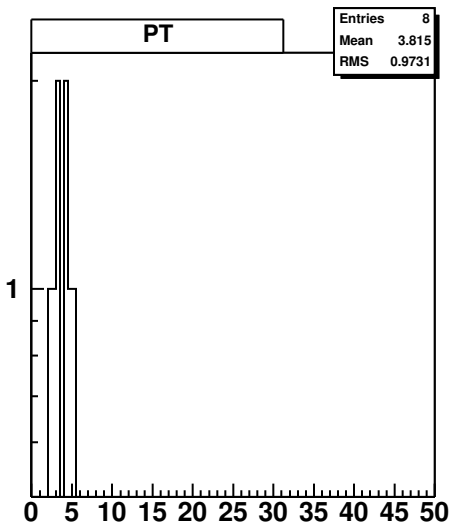


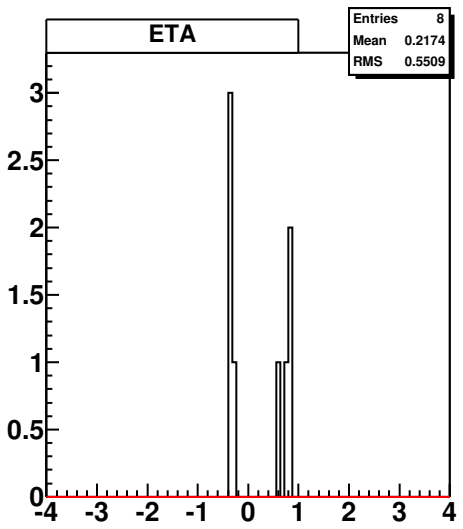


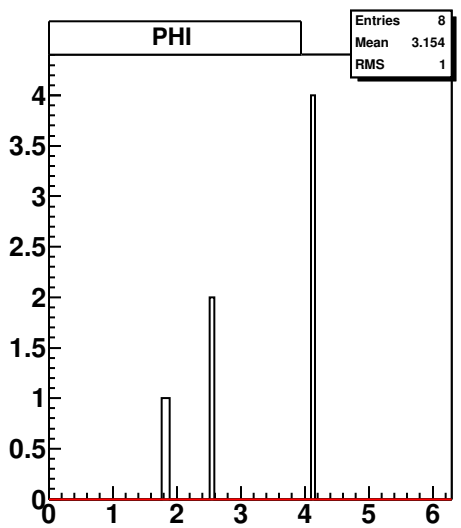


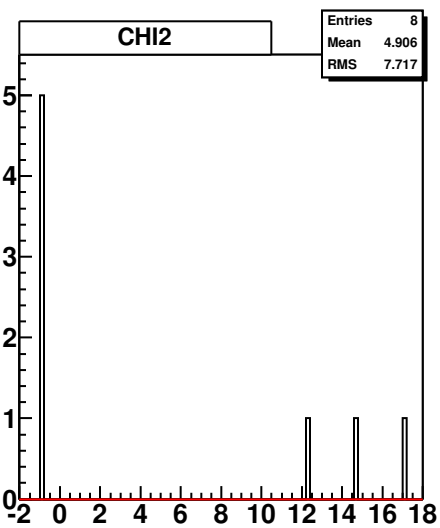
Muon Local Tracks (All)

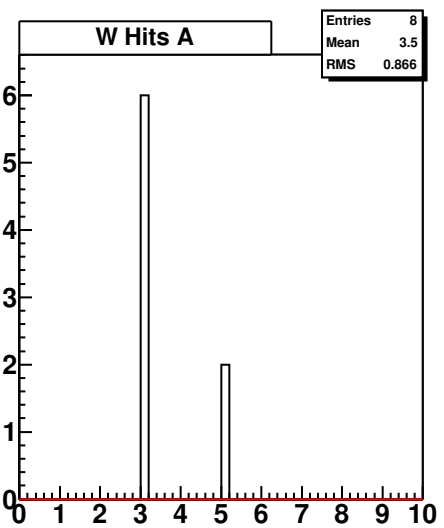


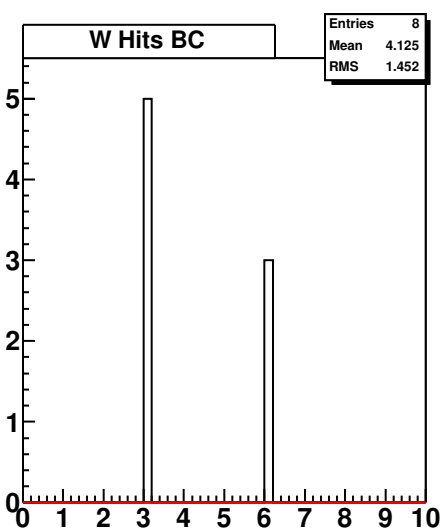


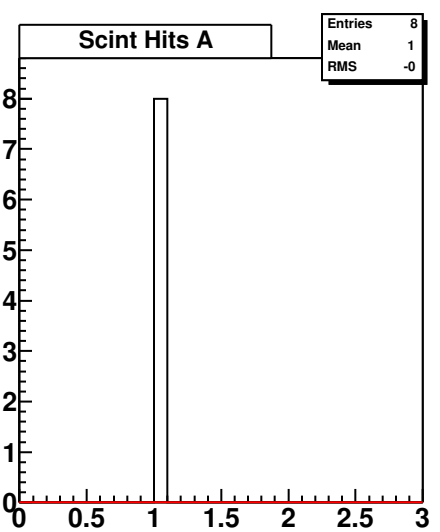


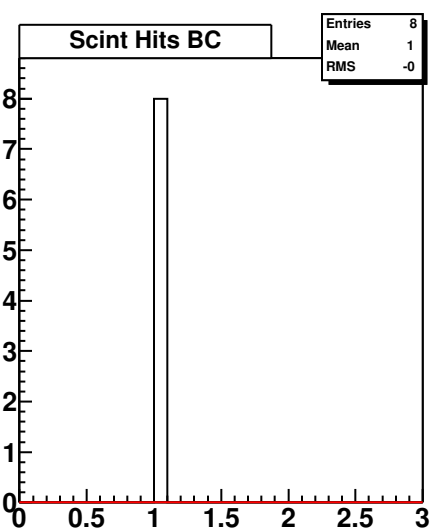




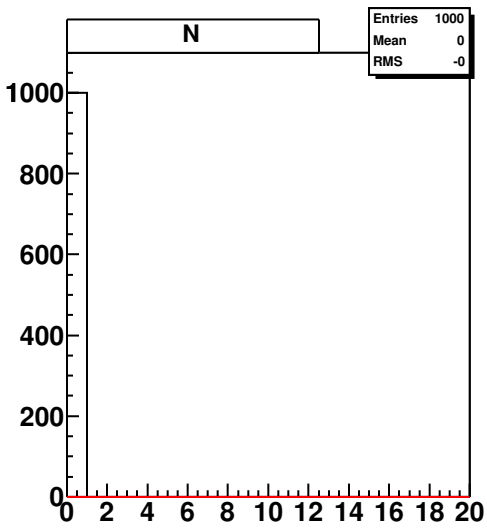


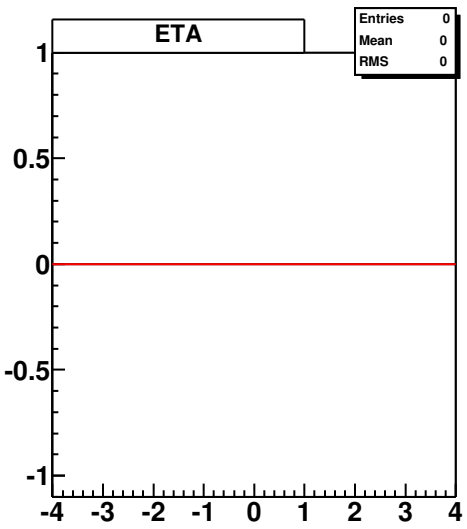


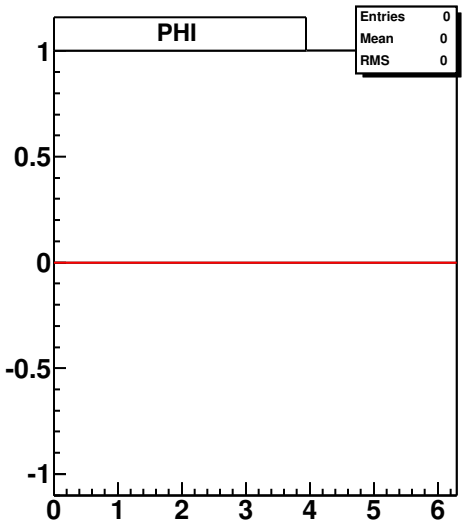


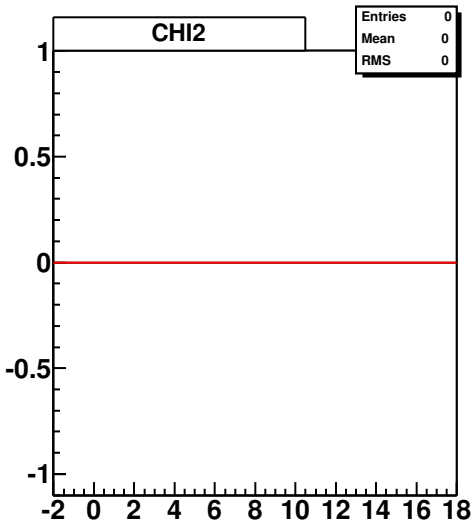


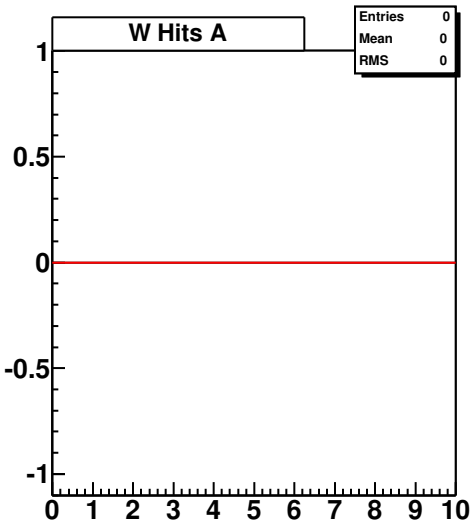
Muon Local Tracks (MediumWamus)

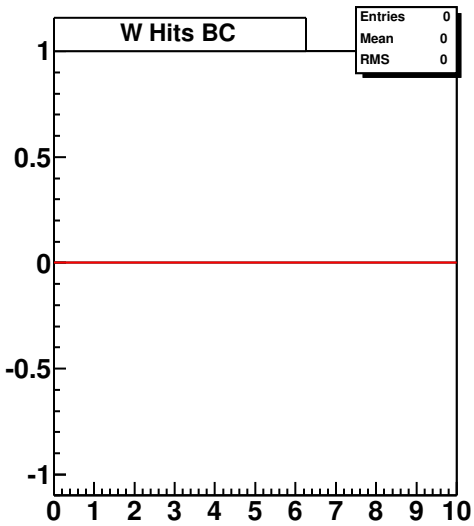


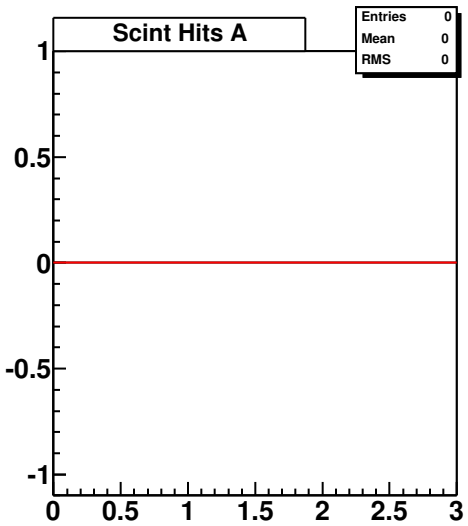


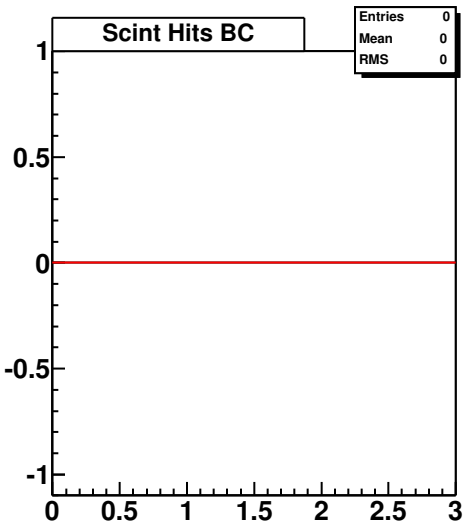












Muon Local Tracks (MediumFamus)