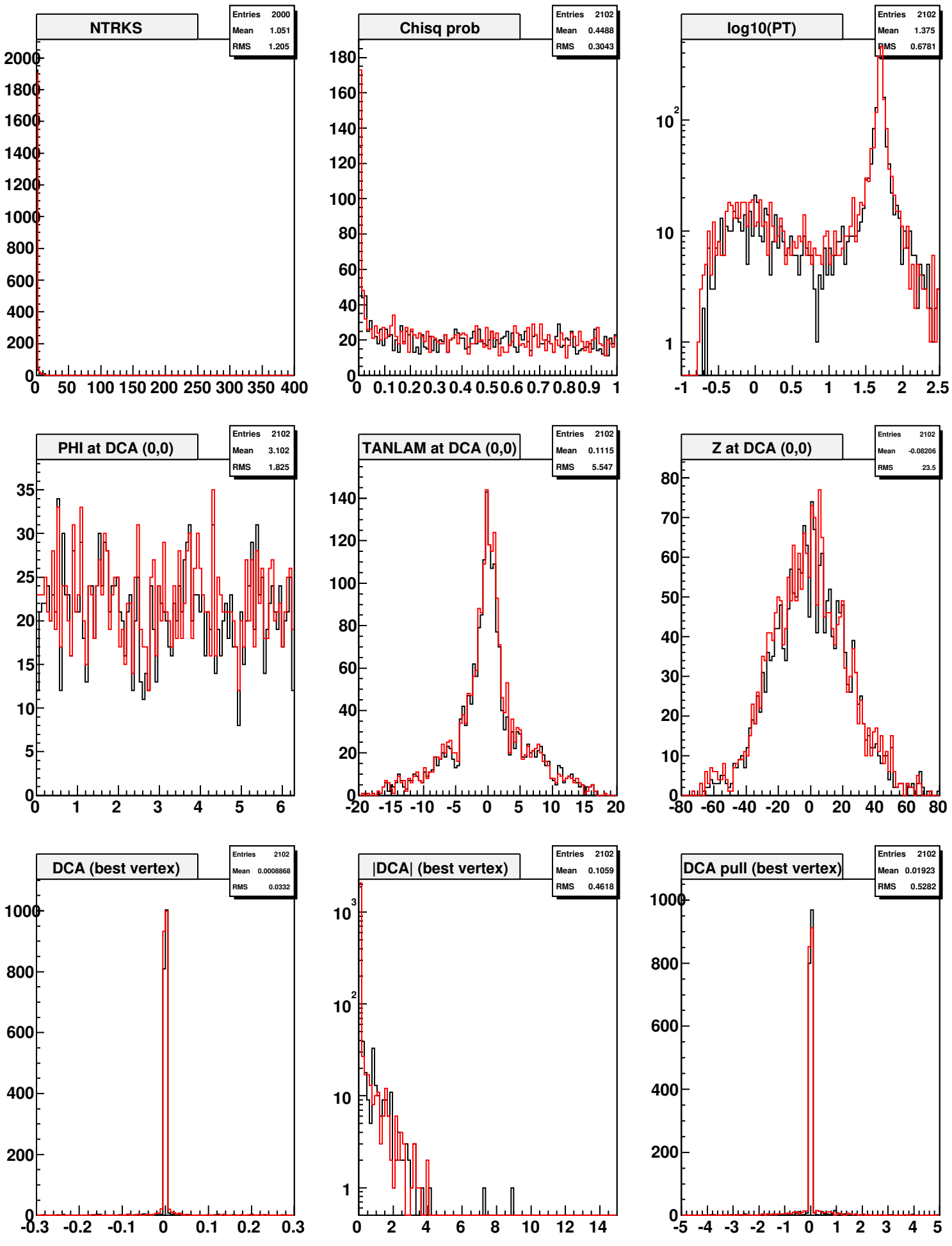
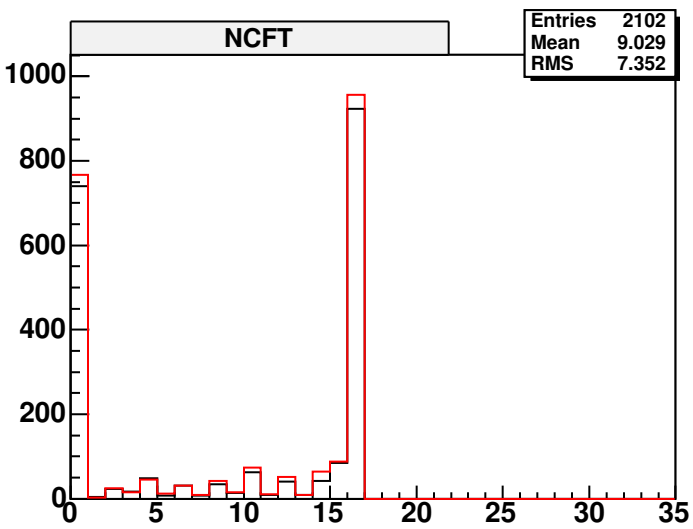
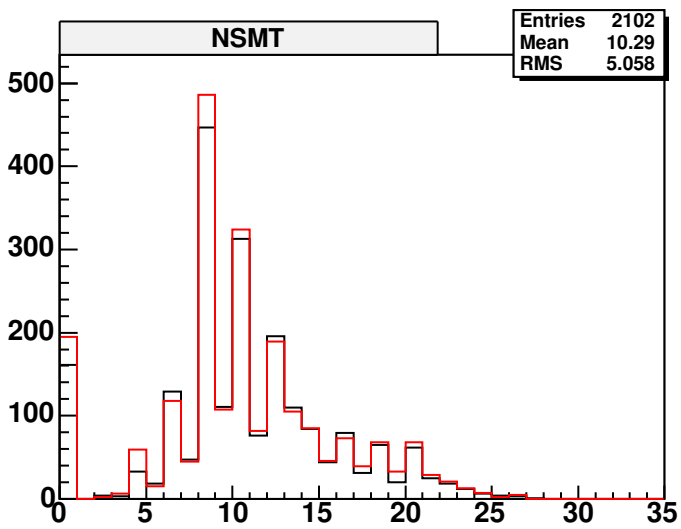
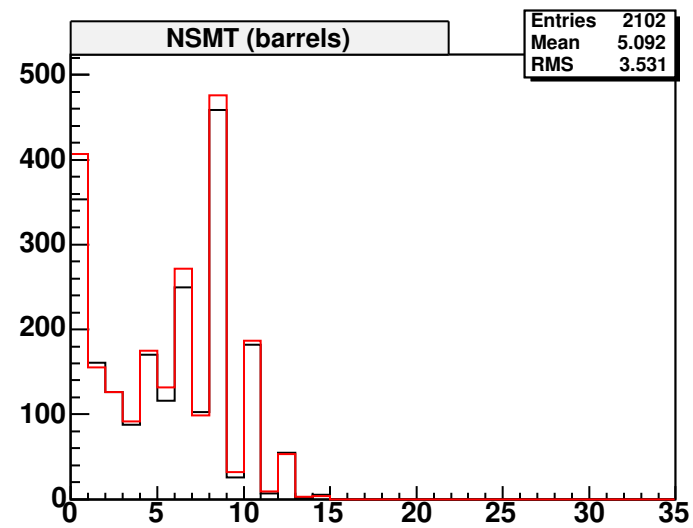
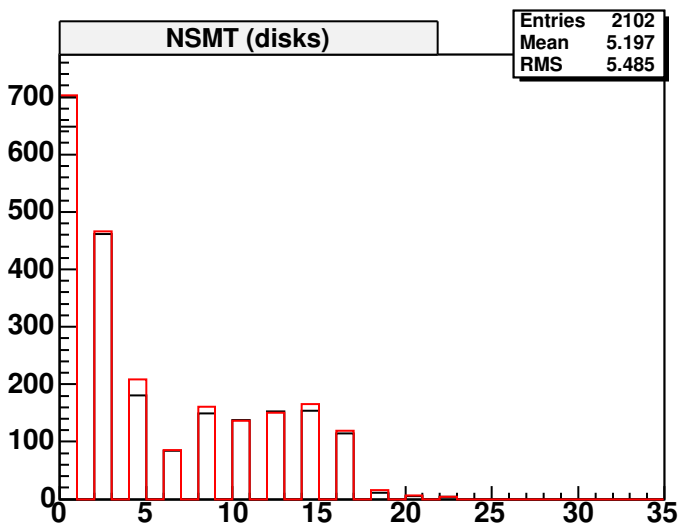

NTRKS
Entries 2000
Mean 1.051
RMS 1.205
Chisq prob
Entries 2102
Mean 0.4488
RMS 0.3043
log10(PT)
Entries 2102
Mean 1.375
RMS 0.6781
PHI at DCA (0,0)
Entries 2102
Mean 3.102
RMS 1.825
TANLAM at DCA (0,0)
Entries 2102
Mean 0.1115
RMS 5.547
Z at DCA (0,0)
Entries 2102
Mean -0.08206
RMS 23.5
DCA (best vertex)
Entries 2102
Mean 0.0008868
RMS 0.0332
|DCA| (best vertex)
Entries 2102
Mean 0.1059
RMS 0.4618
DCA pull (best vertex)
Entries 2102
Mean 0.01923
RMS 0.5282

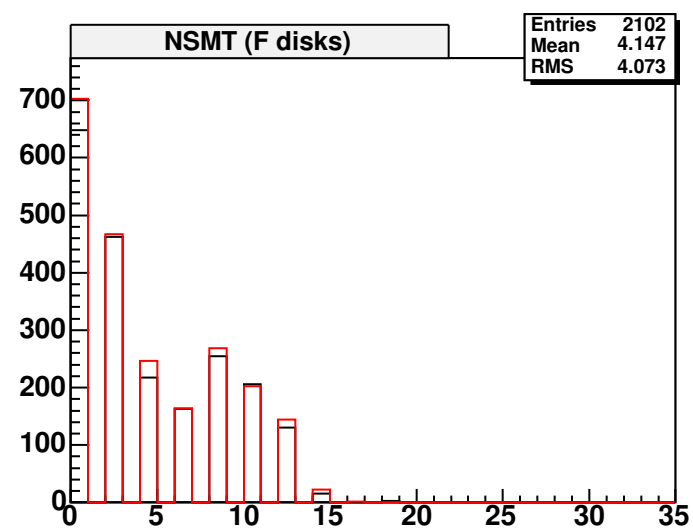
Tracks (All)

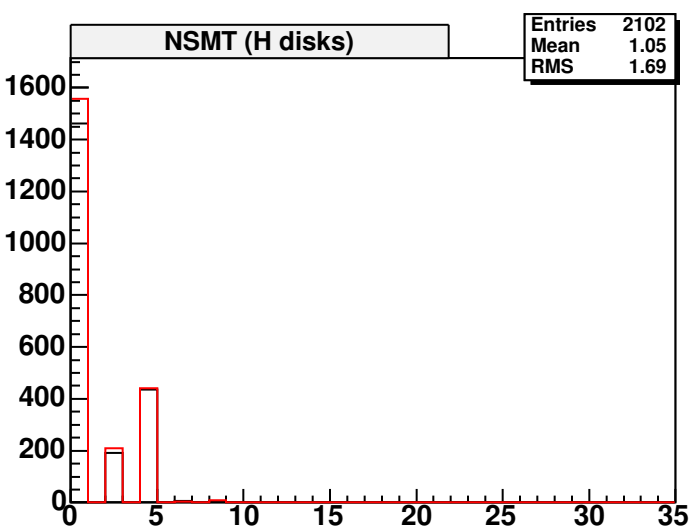




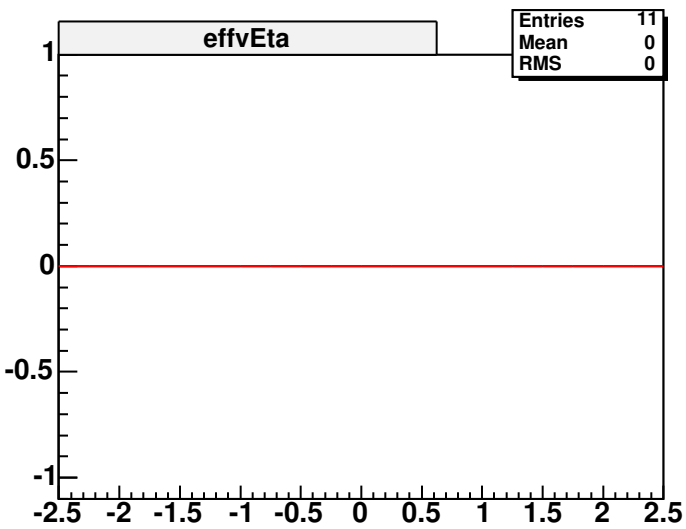


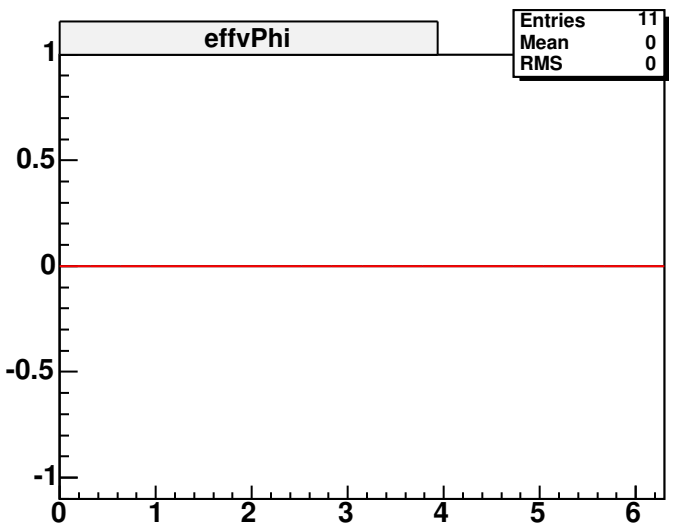


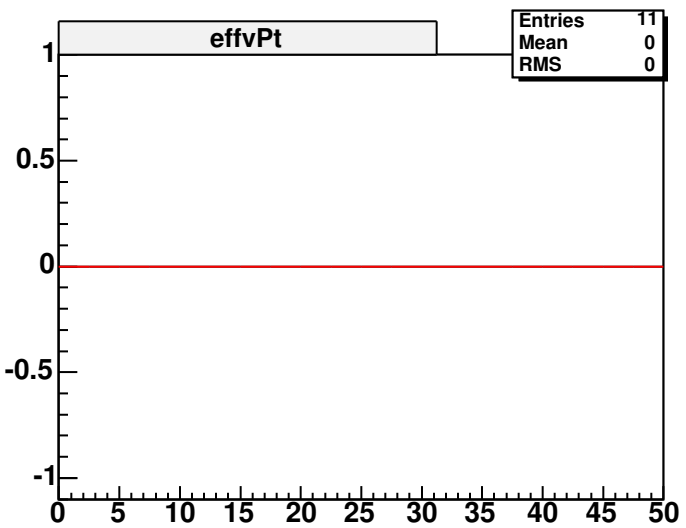


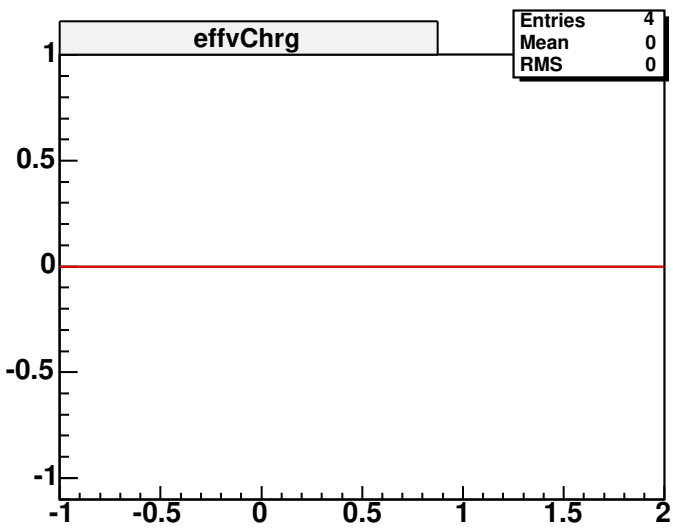


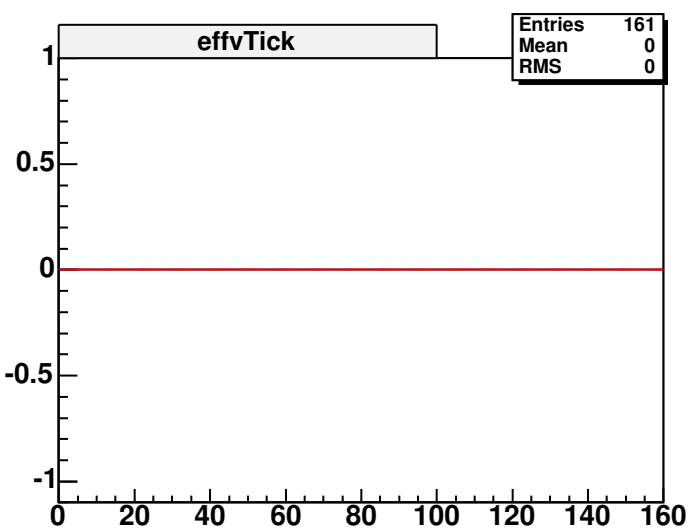
Track Hits (All)

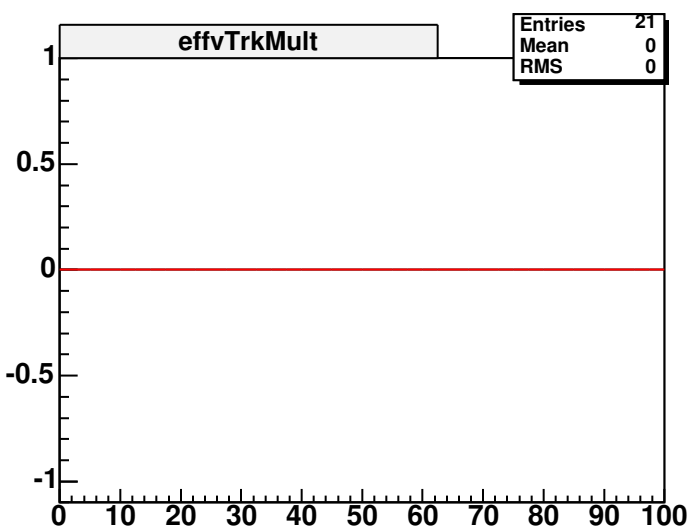




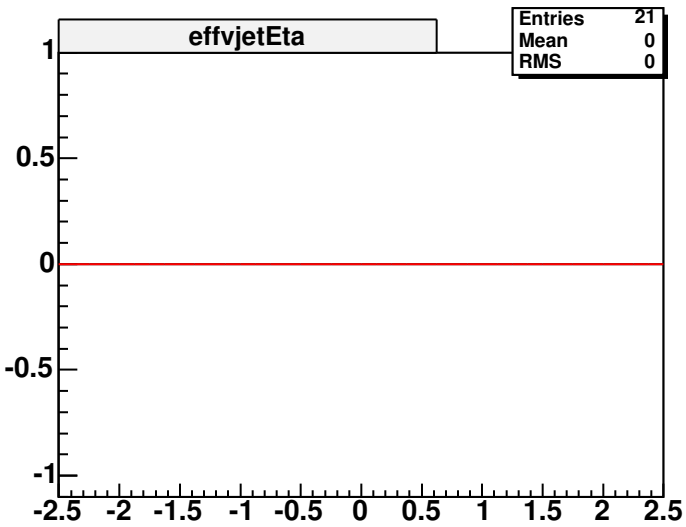


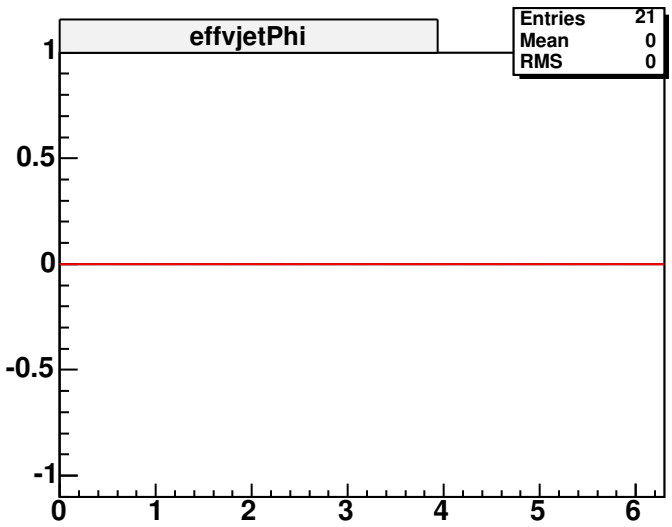


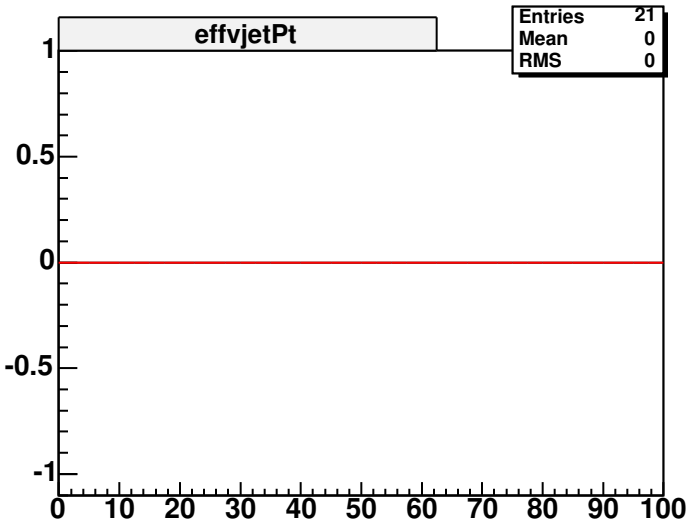




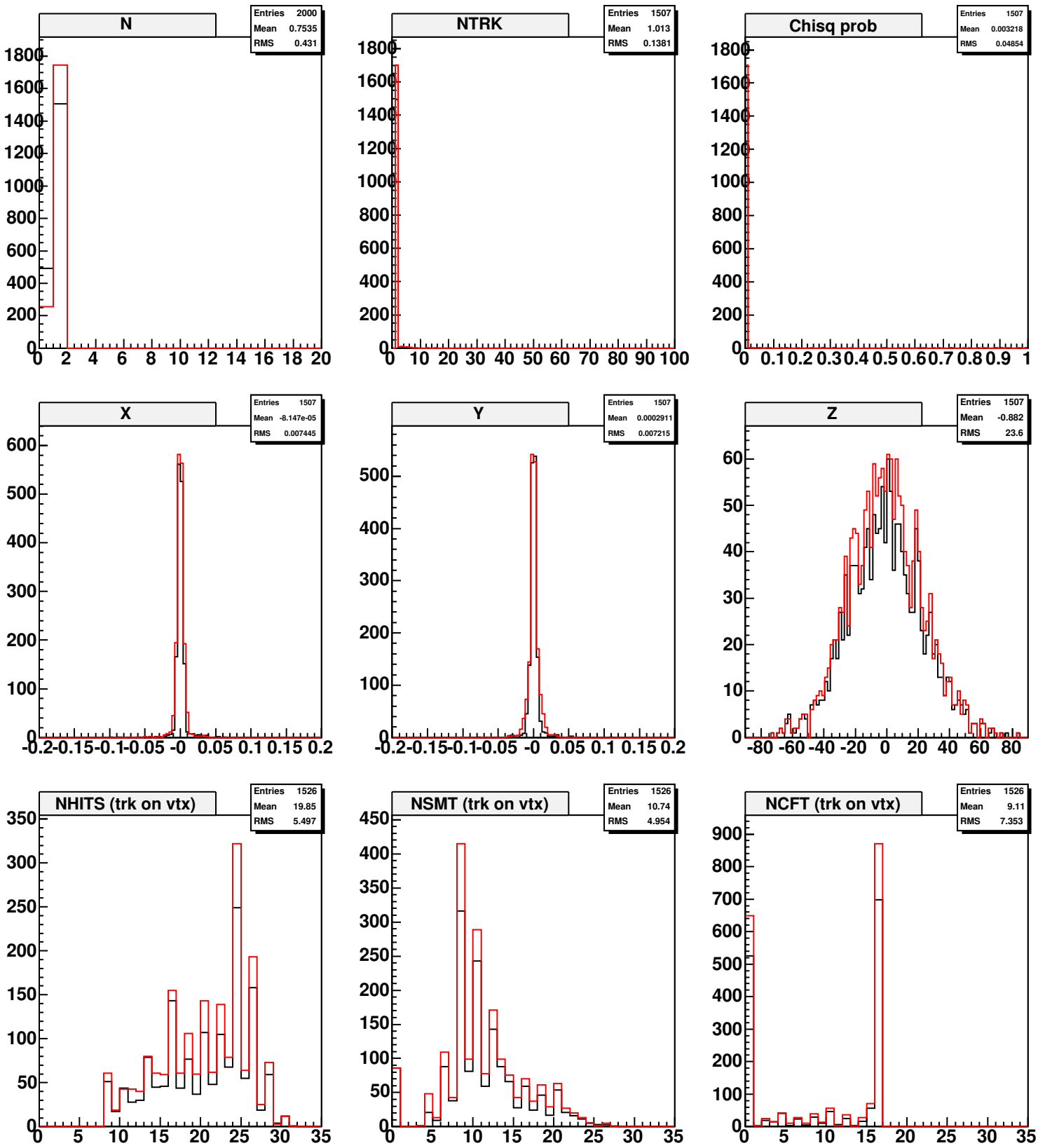
Tracking (Efficiency-Isolated)



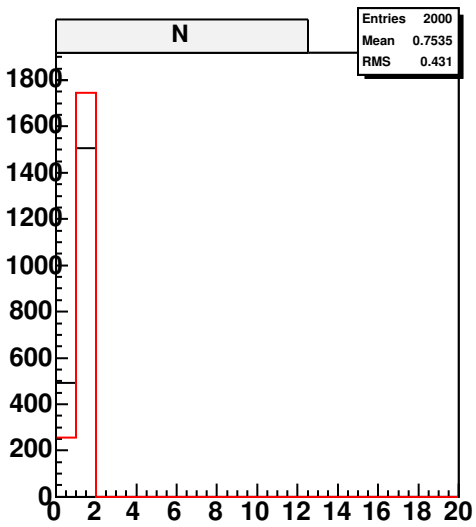


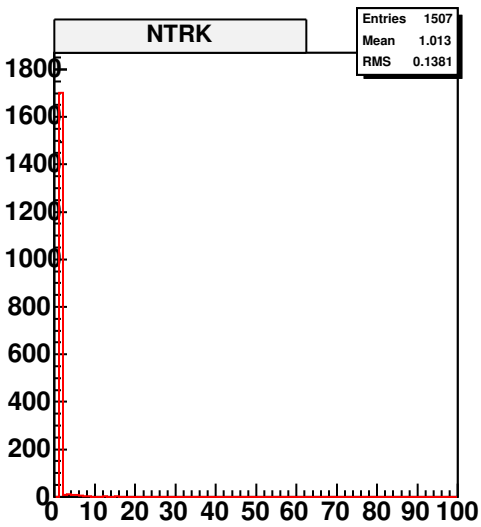


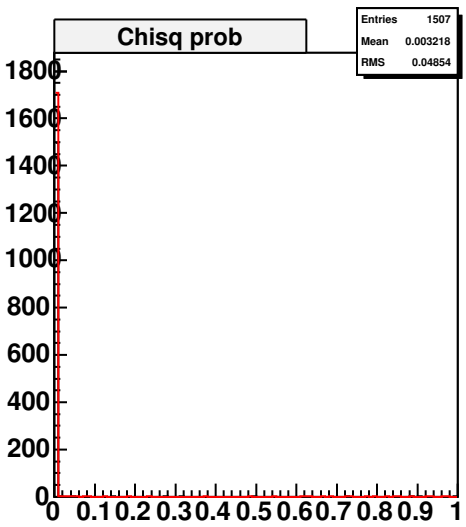
Tracking (Efficiency-InJets)

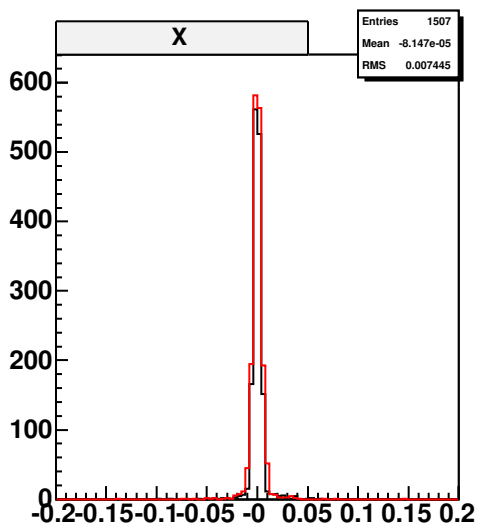


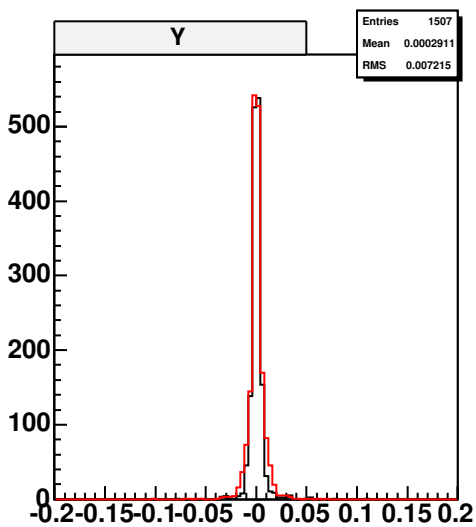
Vertices (Primary - all candidates)

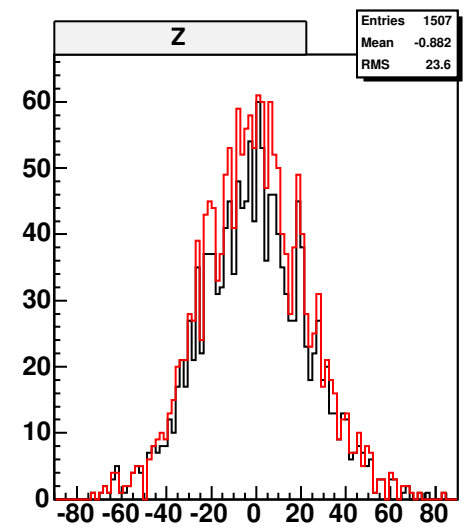


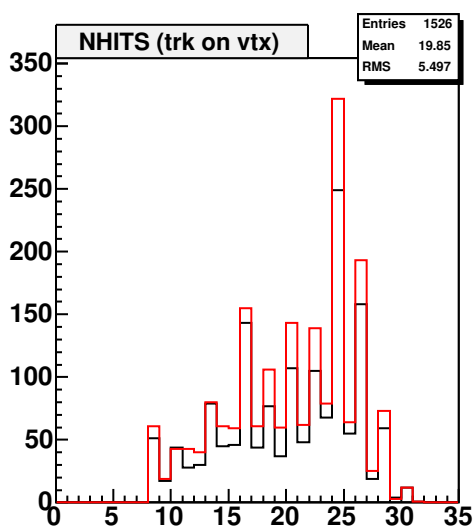


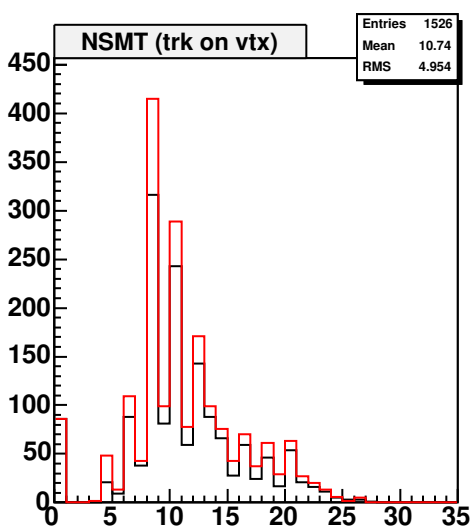


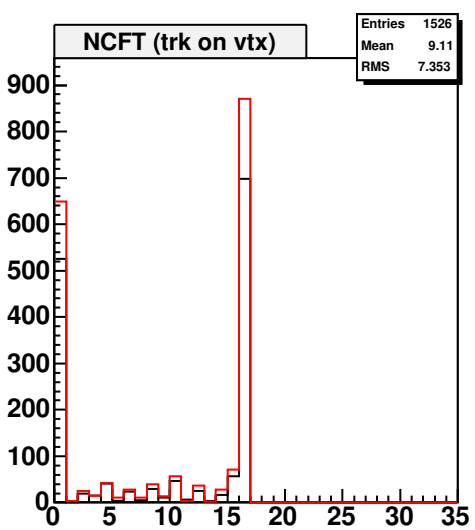




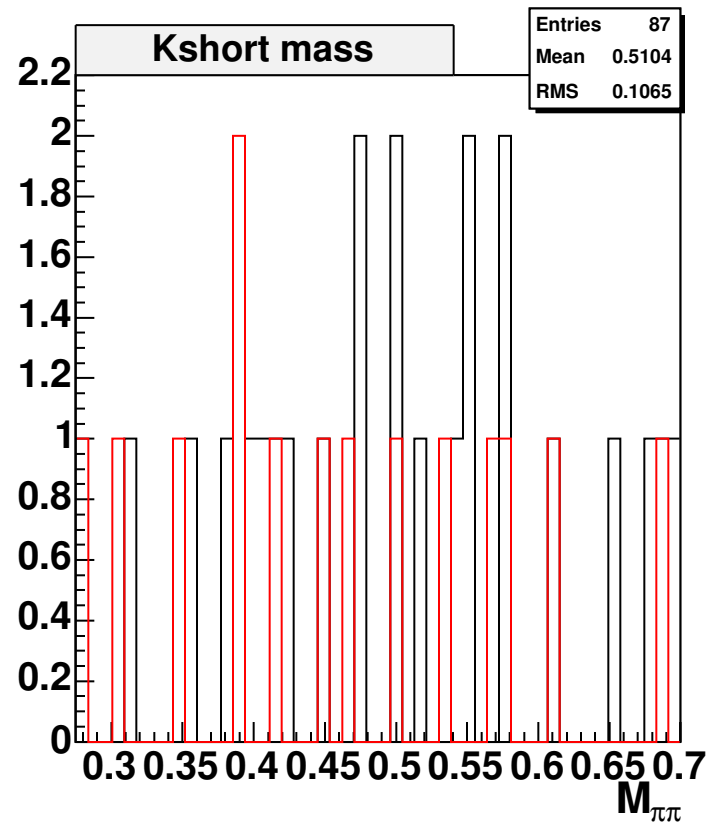


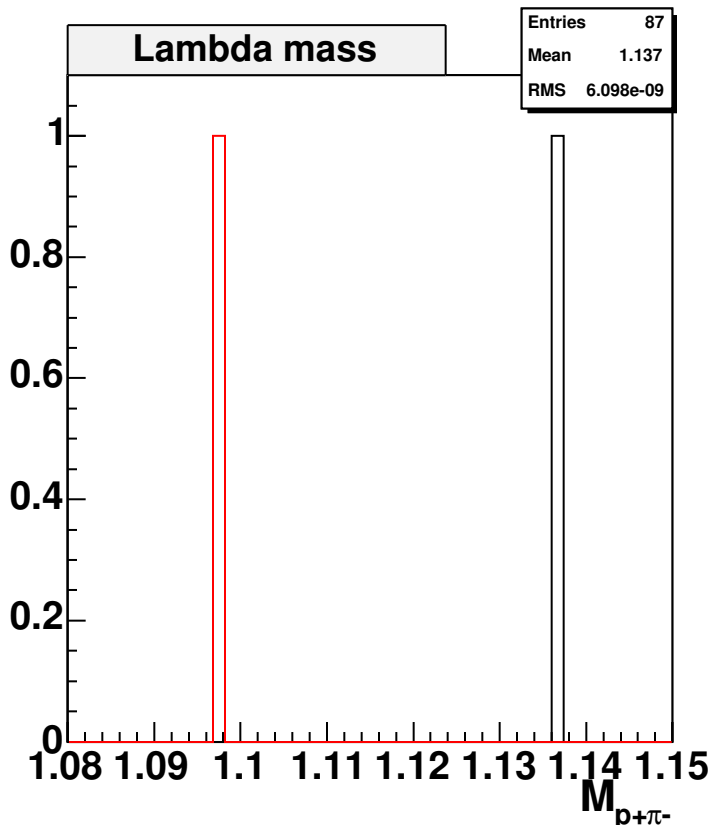


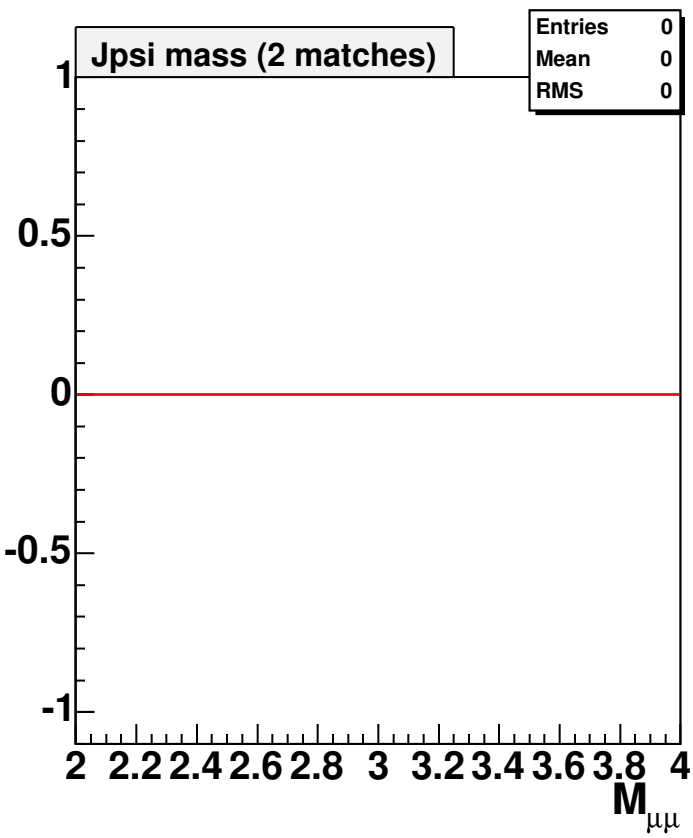


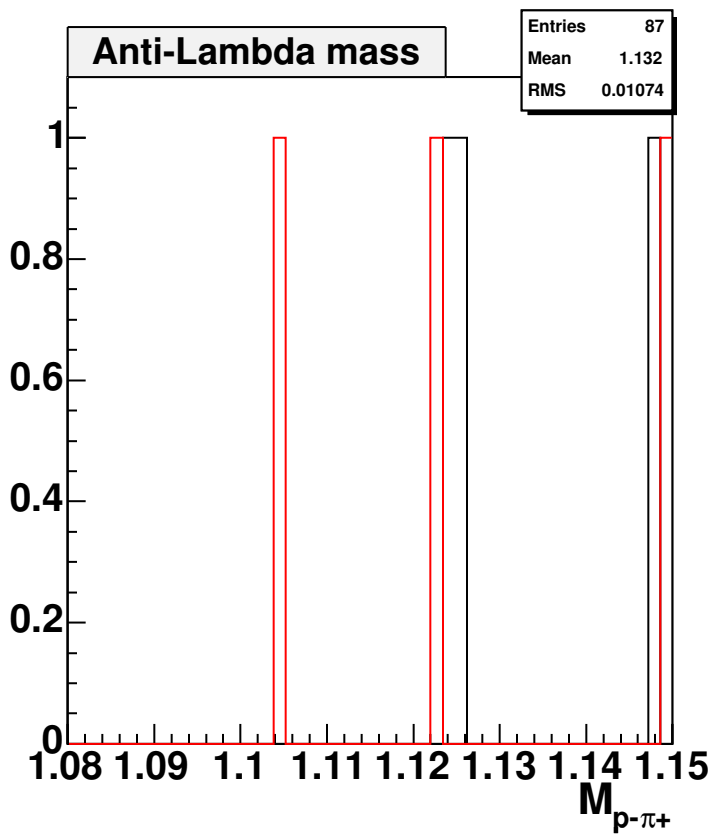


Vertices (Primary - best)

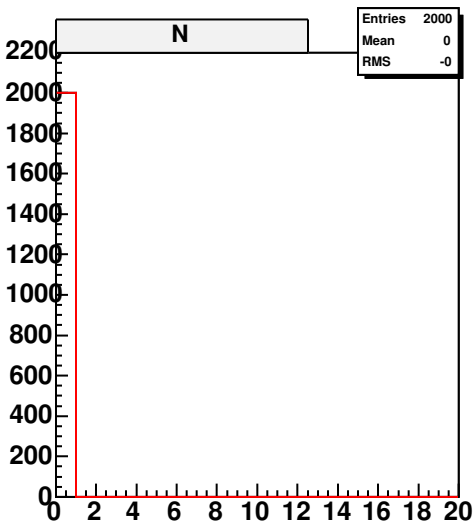

Kshort mass
Entries 87
Mean 0.5104
RMS 0.1065
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.3 0.35 0.4 0.45 0.5 0.55 0.6 0.65 0.7
Mππ

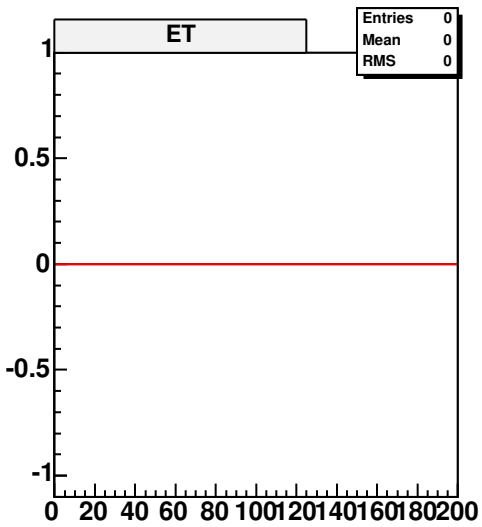

Lambda mass
Entries 87
Mean 1.137
RMS 6.098e-09
1
0.8
0.6
0.4
0.2
0
1.08 1.09 1.1 1.11 1.12 1.13 1.14 1.15
Mp+π-

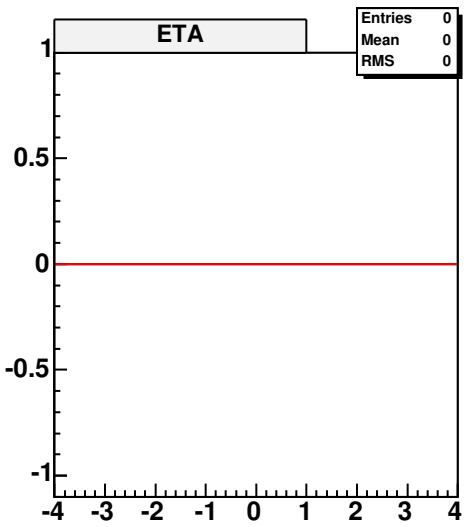

Jpsi mass (2 matches)
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
2 2.2 2.4 2.6 2.8 3 3.2 3.4 3.6 3.8 4
Mμμ

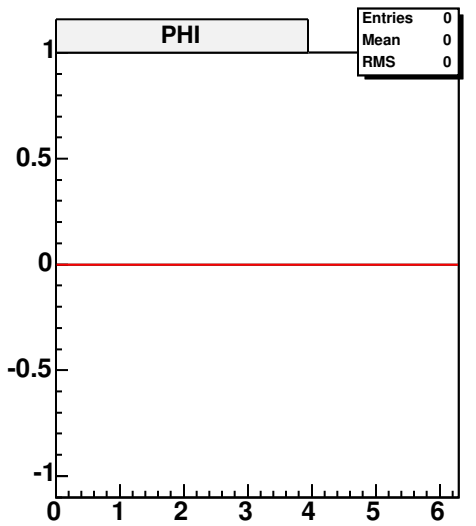

Anti-Lambda mass
Entries 87
Mean 1.132
RMS 0.01074
1
0.8
0.6
0.4
0.2
0
1.08 1.09 1.1 1.11 1.12 1.13 1.14 1.15
Mp-π+

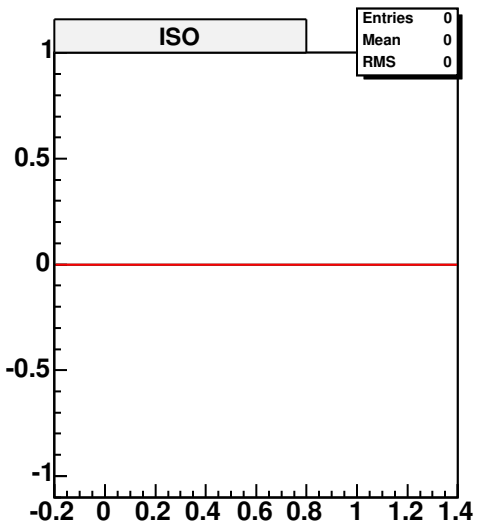
V0 (All)

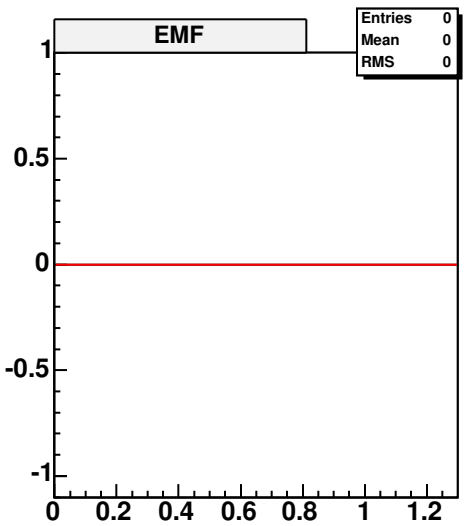


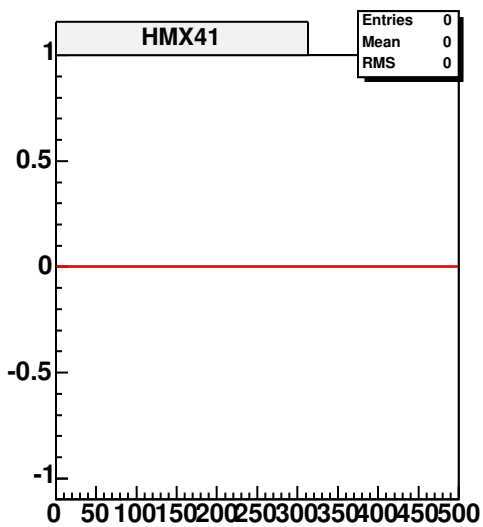


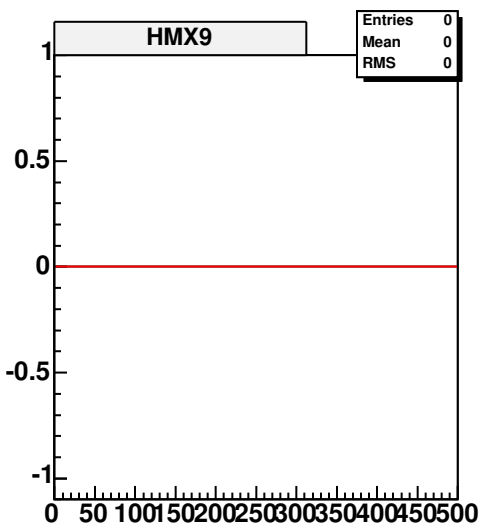


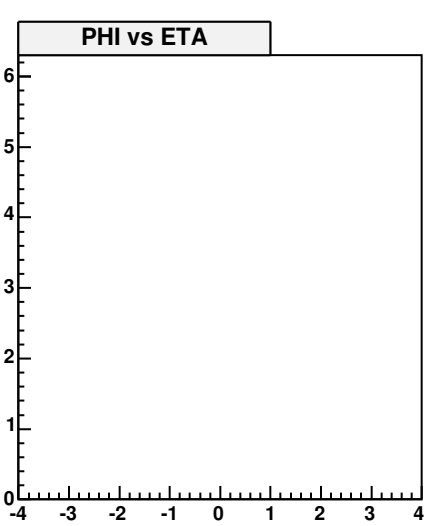




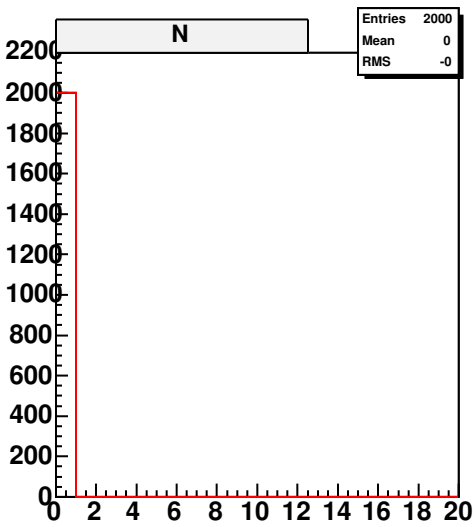


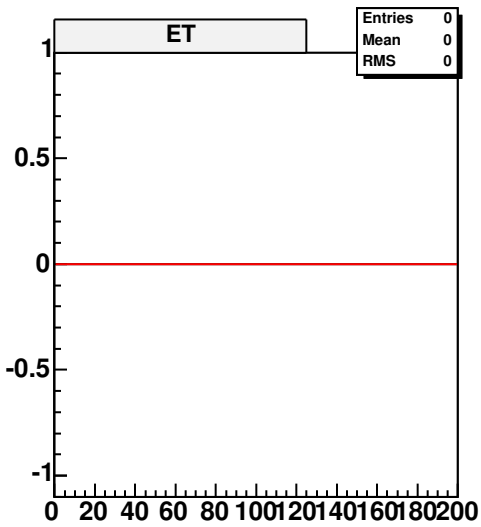


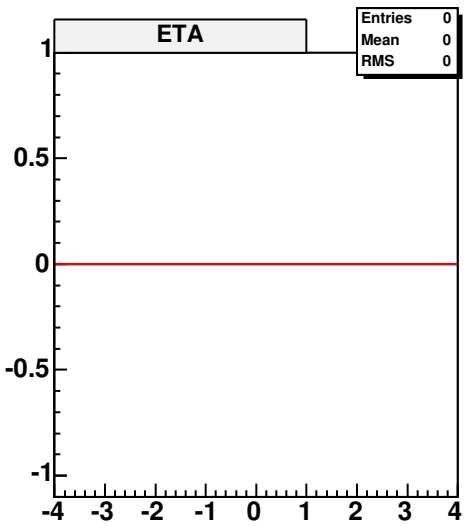


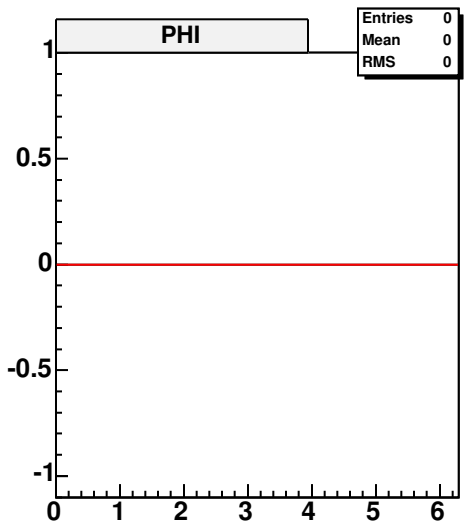


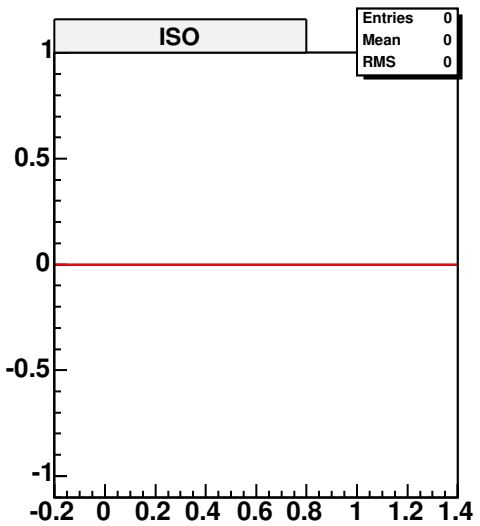
Electrons (SCONE All)

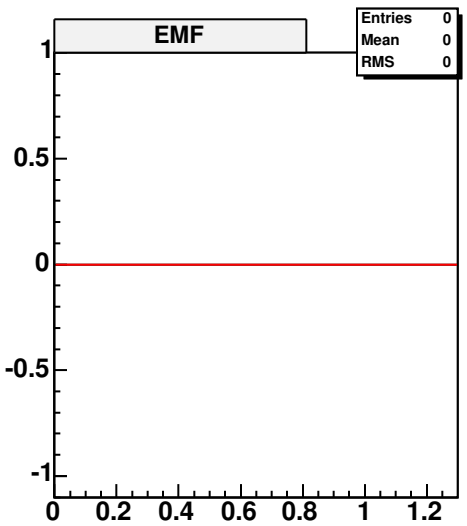


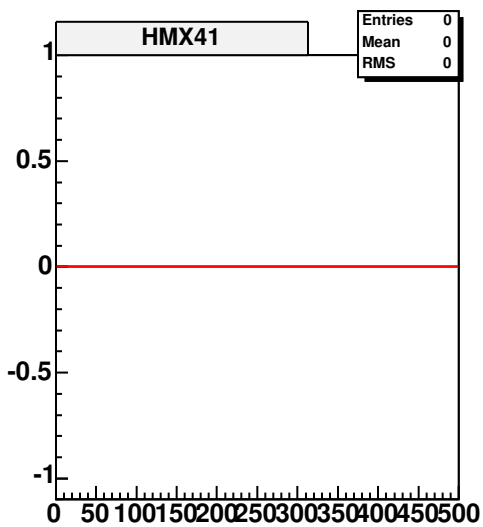


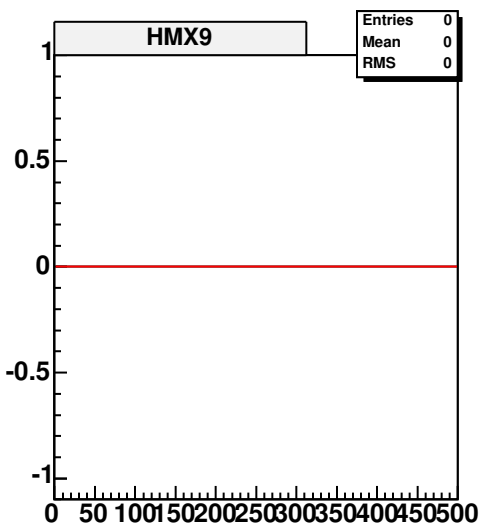


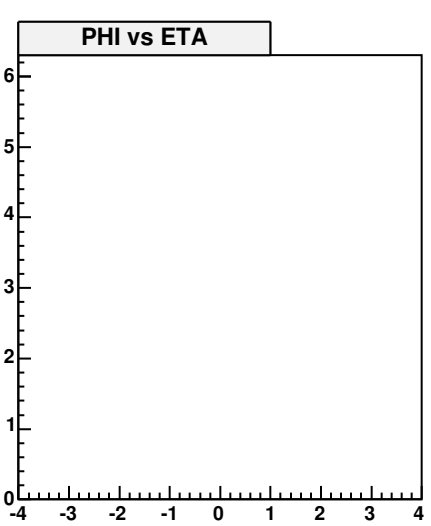




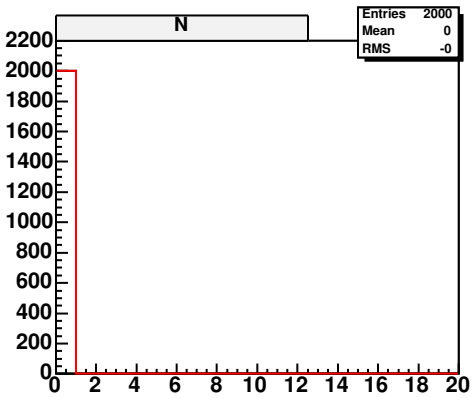


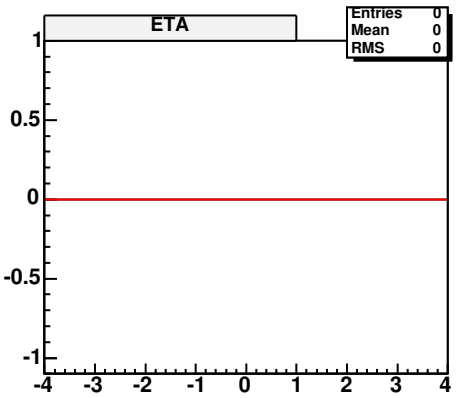


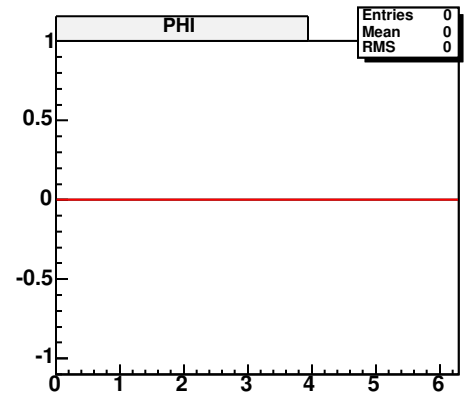


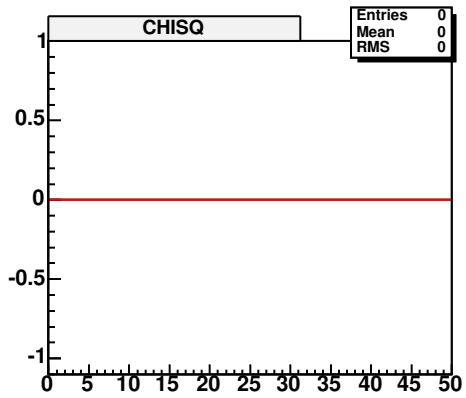


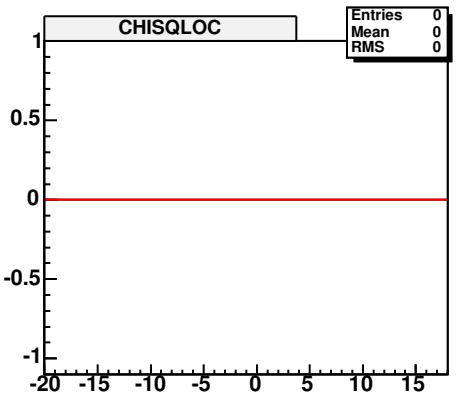
Electrons (SCONE Tight)

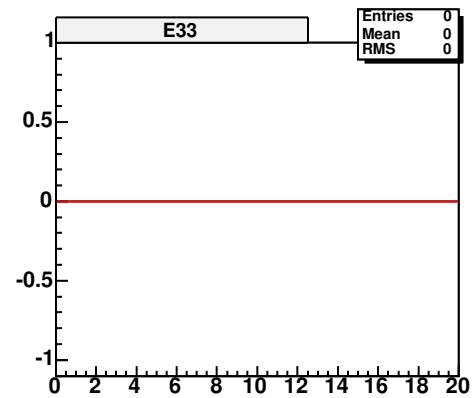

N
Entries 2000
Mean 0
RMS -0

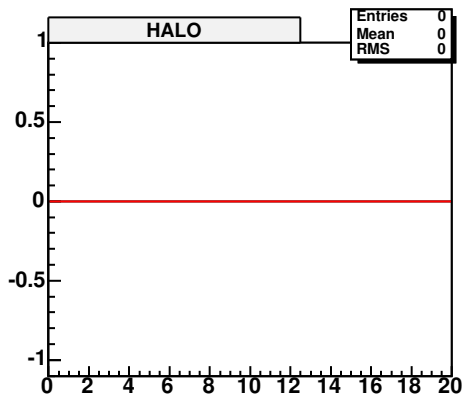

ETA
Entries 0
Mean 0
RMS 0

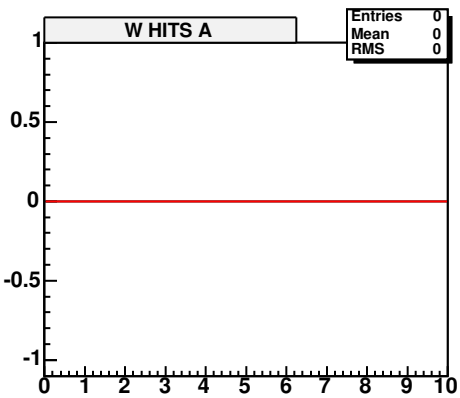

PHI
Entries 0
Mean 0
RMS 0


CHISQ
Entries 0
Mean 0
RMS 0


CHISQLOC
Entries 0
Mean 0
RMS 0


E33
Entries 0
Mean 0
RMS 0


HALO
Entries 0
Mean 0
RMS 0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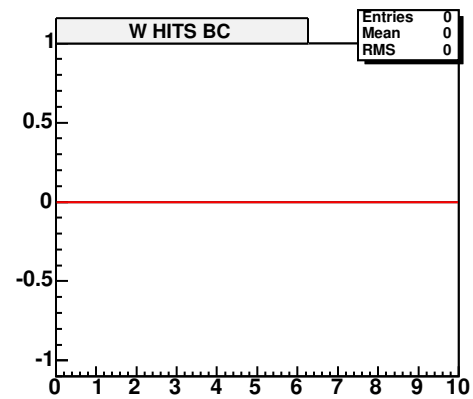
Entries 0
Mean 0
RMS 0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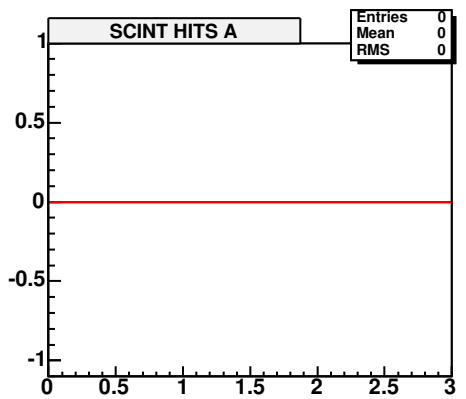
Entries 0
Mean 0
RMS 0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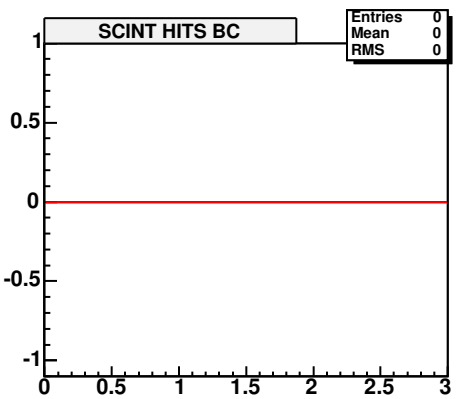
Entries 0
Mean 0
RMS 0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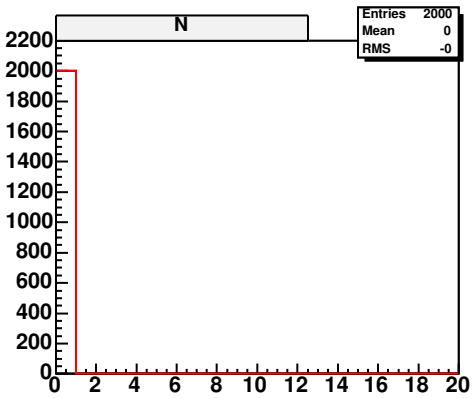
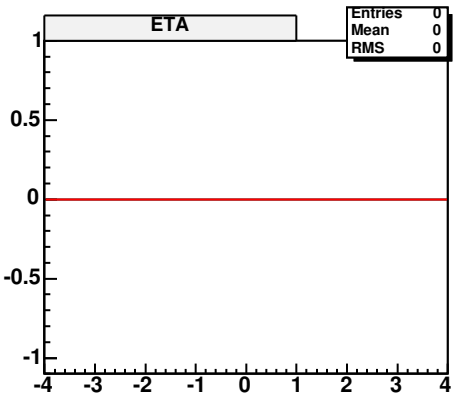
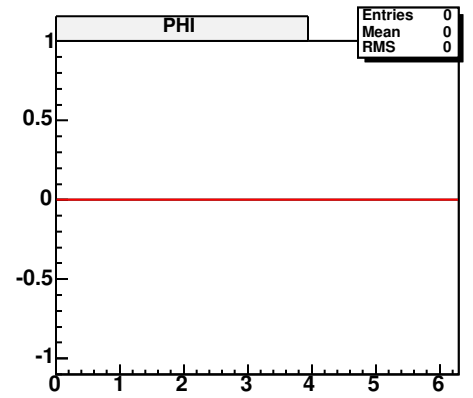
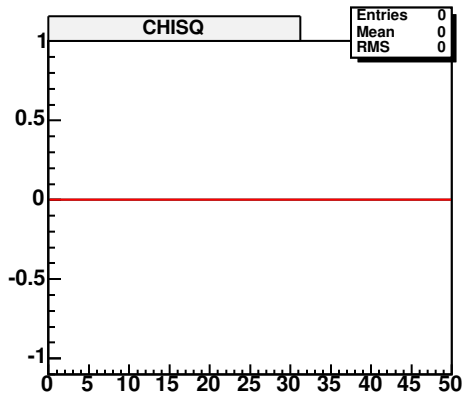
Entries 0
Mean 0
RMS 0

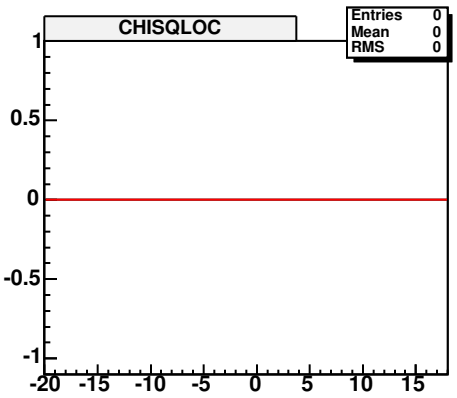
Muons (All)

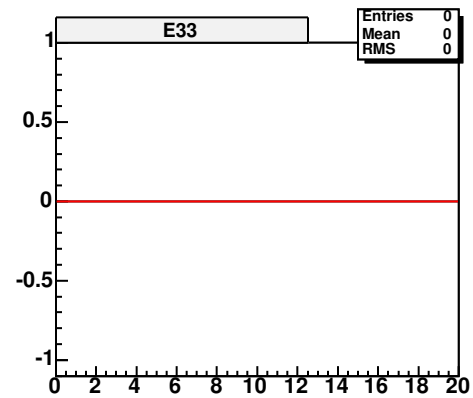


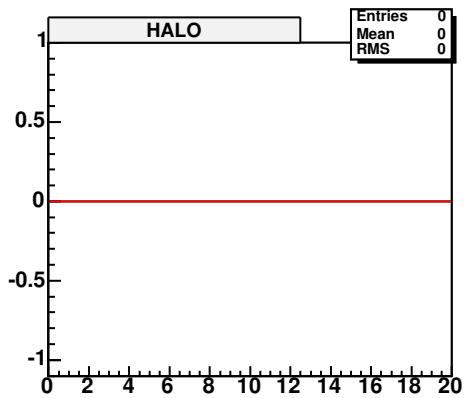


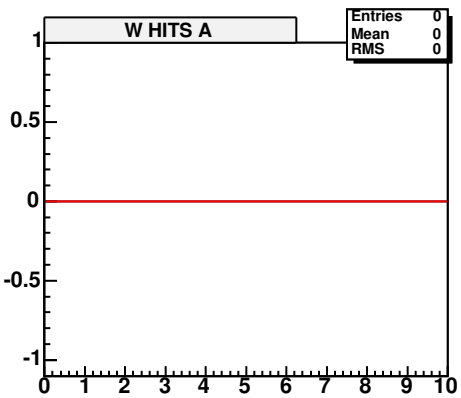


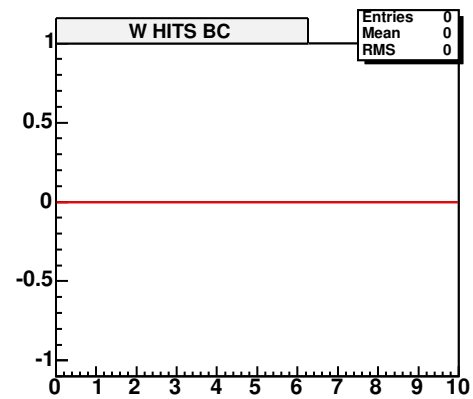


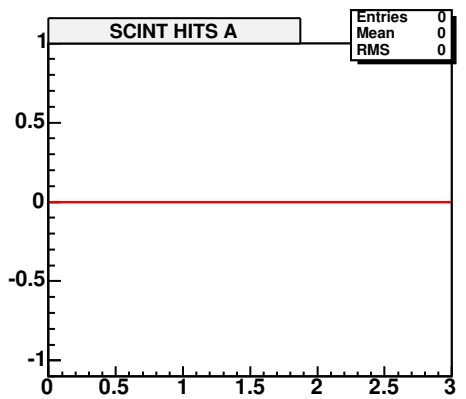


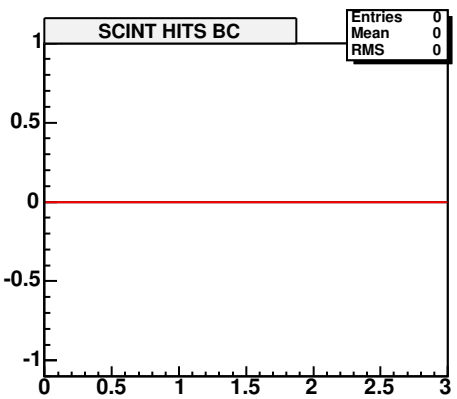




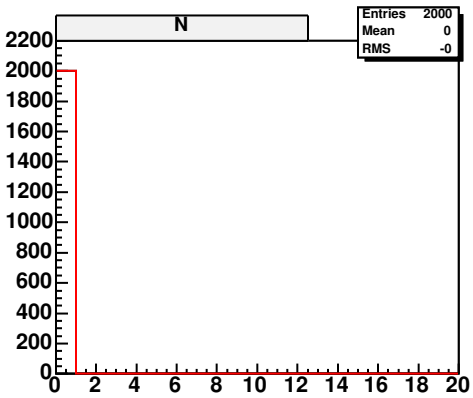


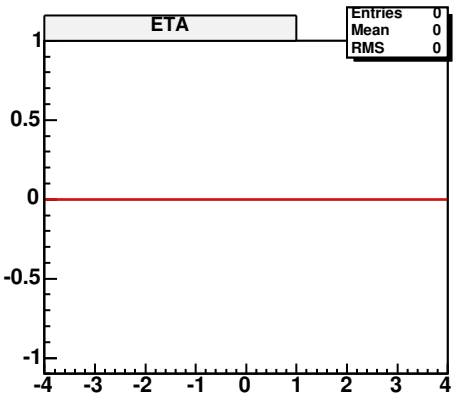


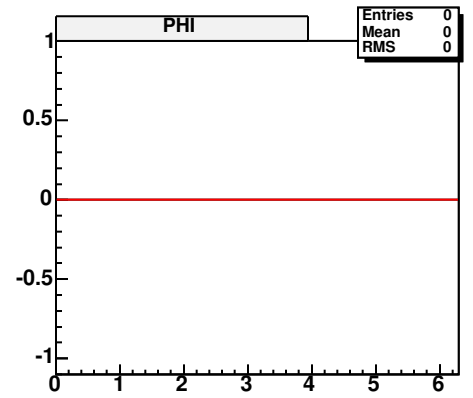


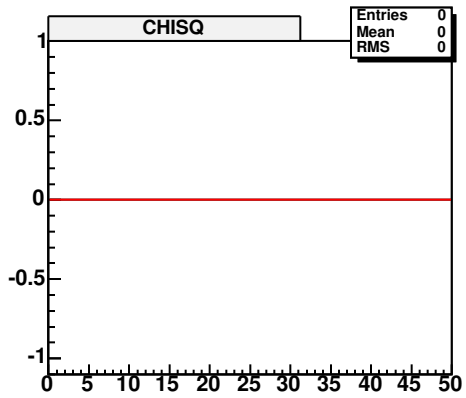


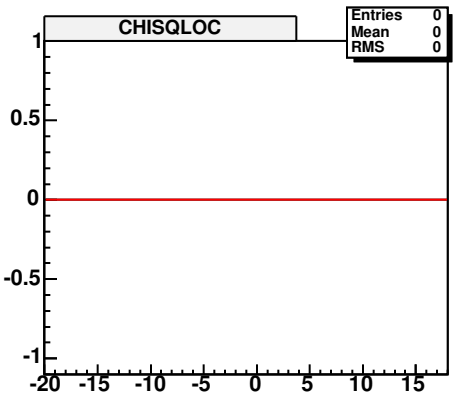
Muons (Matched)


N
Entries 2000
Mean 0
RMS -0


ETA
Entries 0
Mean 0
RMS 0


PHI
Entries 0
Mean 0
RMS 0


CHISQ
Entries 0
Mean 0
RMS 0


CHISQLOC
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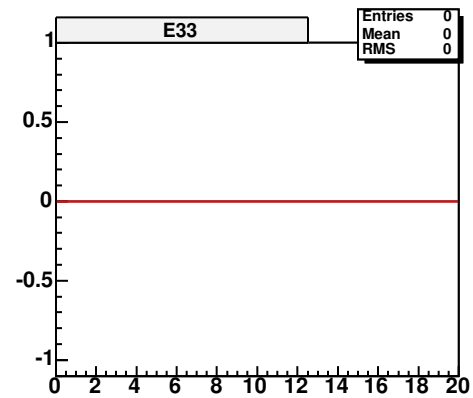
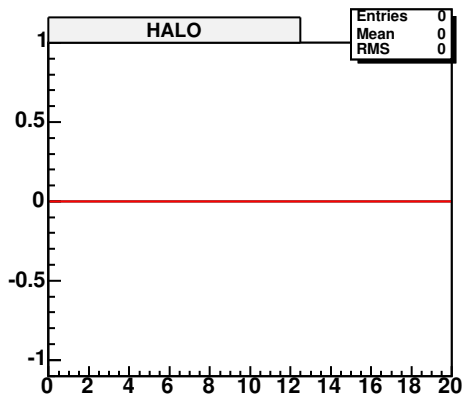
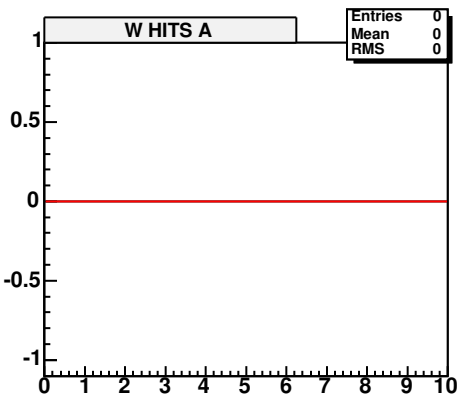
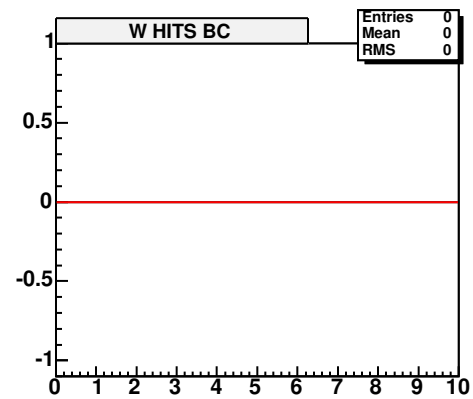
Mean 0
RMS 0


E33
Entries 0
Mean 0
RMS 0


HALO
Entries 0
Mean 0
RMS 0


W HITS A
Entries 0
Mean 0
RMS 0


W HITS BC
Entries 0
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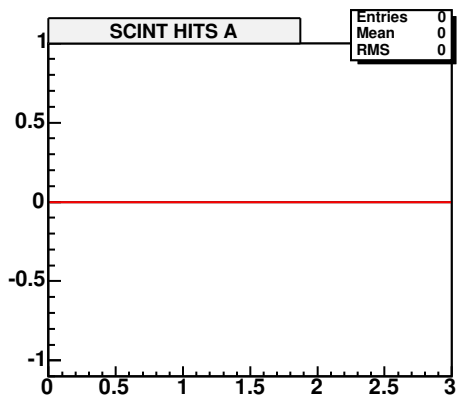
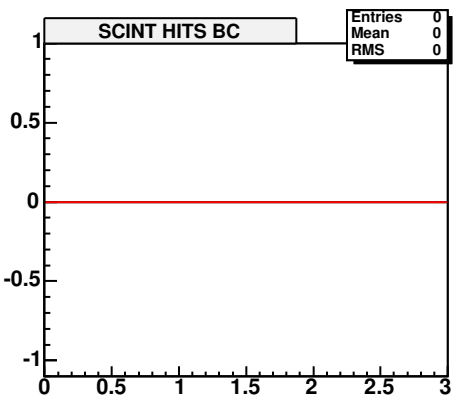
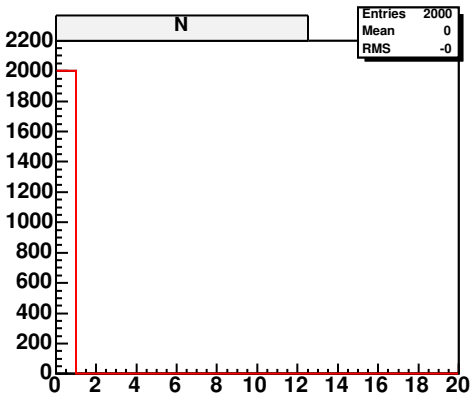
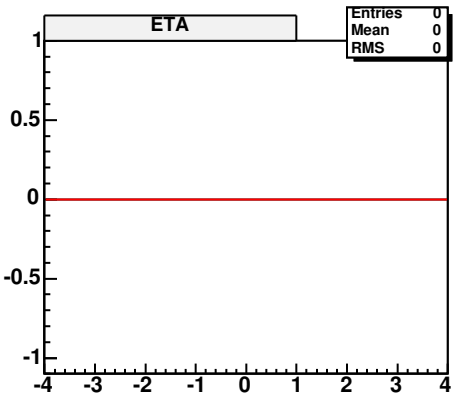
RMS 0

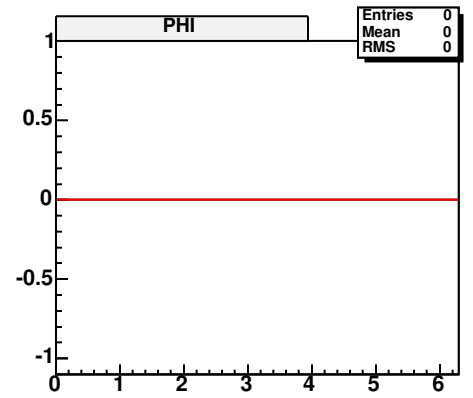

SCINT HITS A
Entries 0
Mean 0
RMS 0

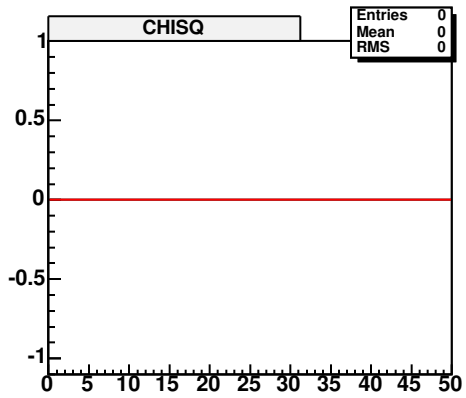

SCINT HITS BC
Entries 0
Mean 0
RMS 0

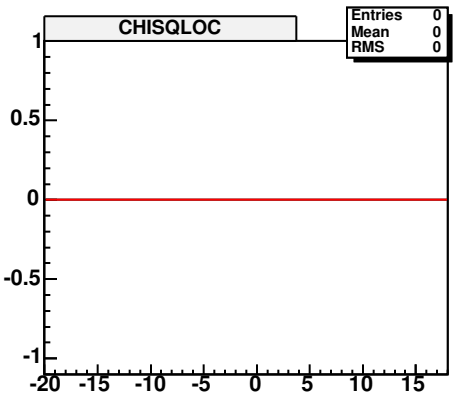
Muons (Astub)

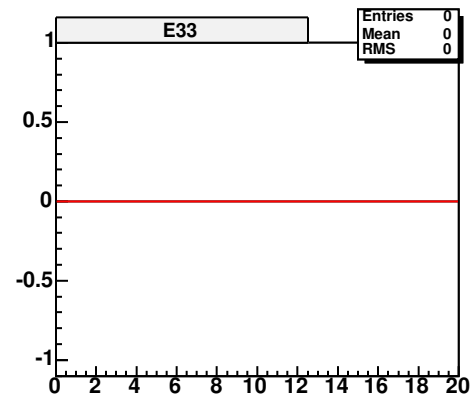


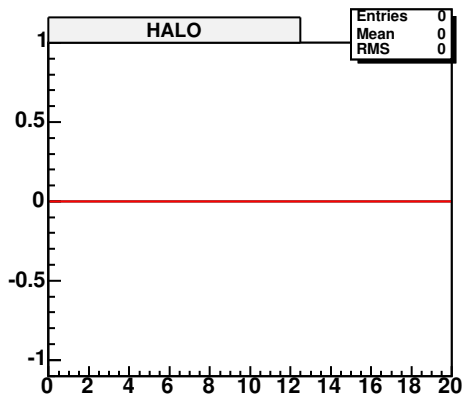


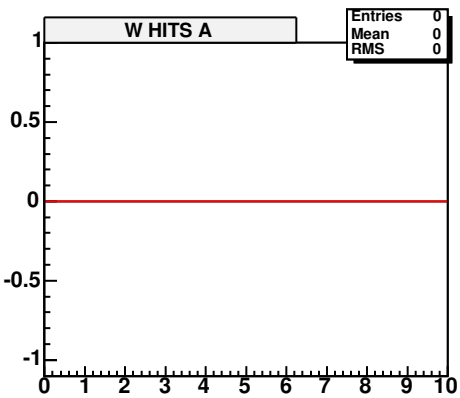


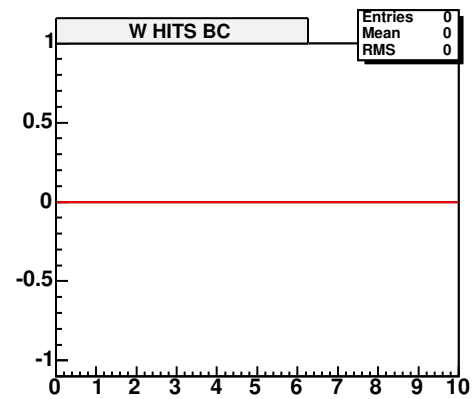


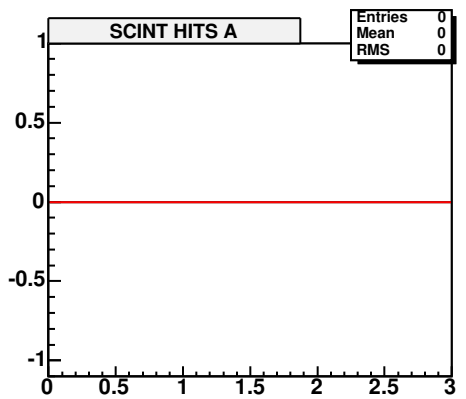


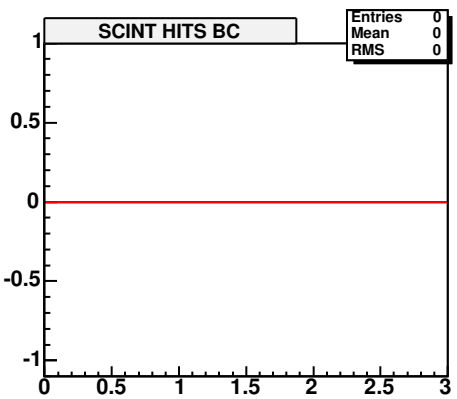




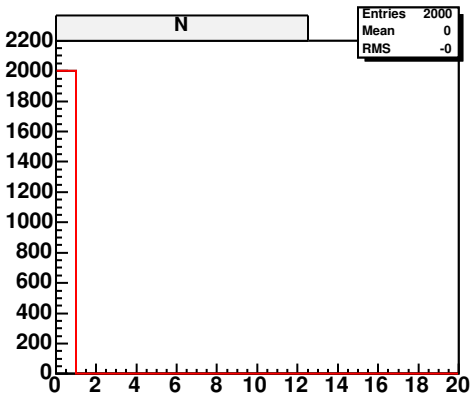


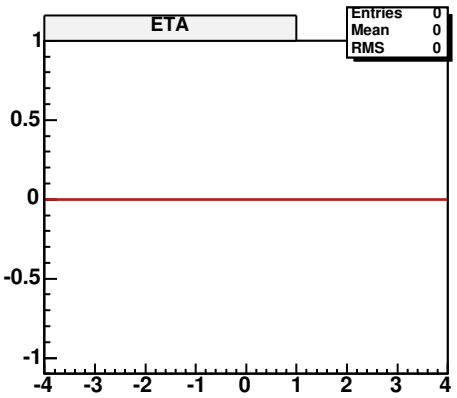


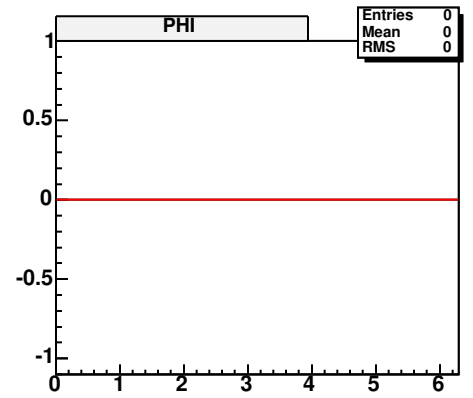


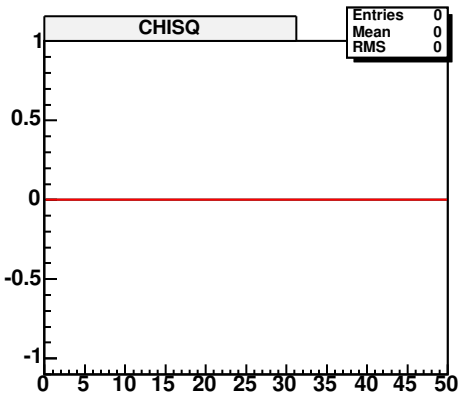


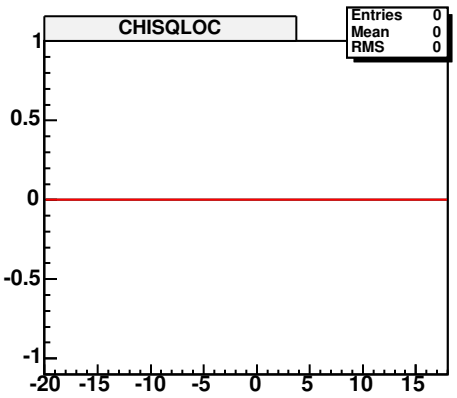
Muons (BCstub)

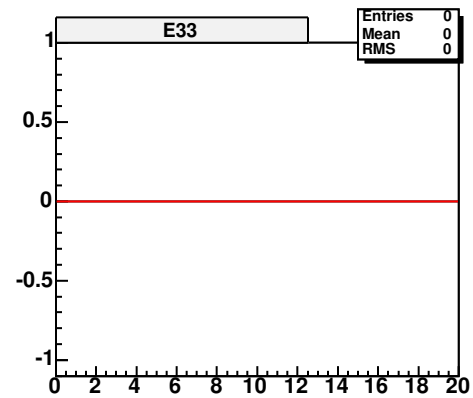


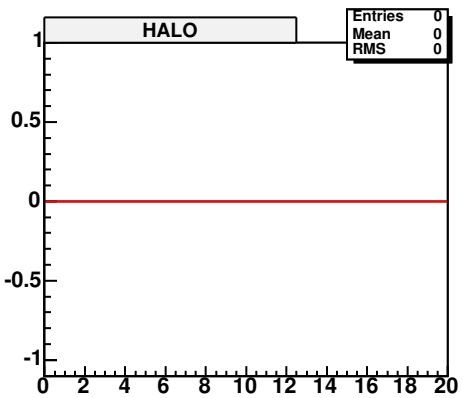


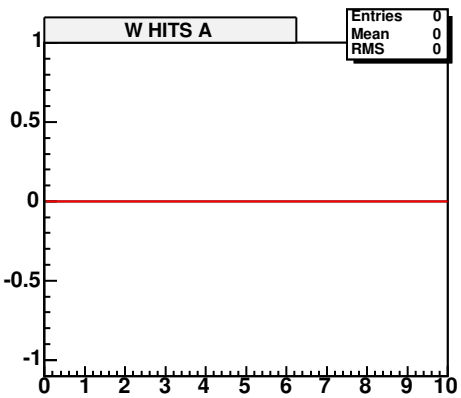


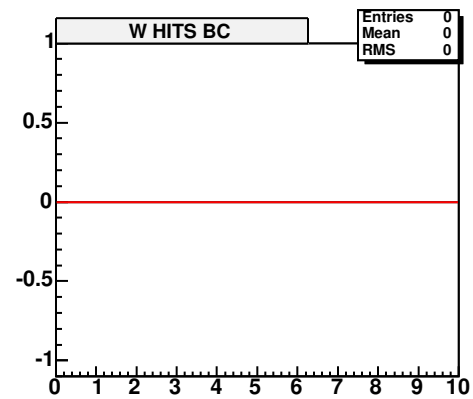


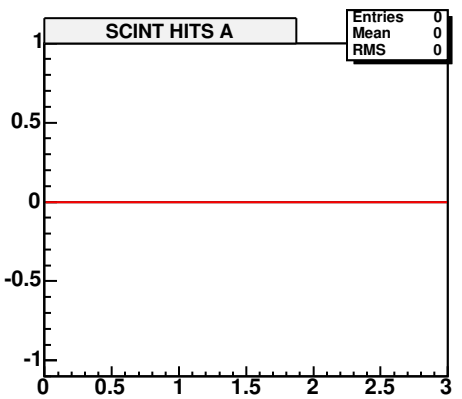


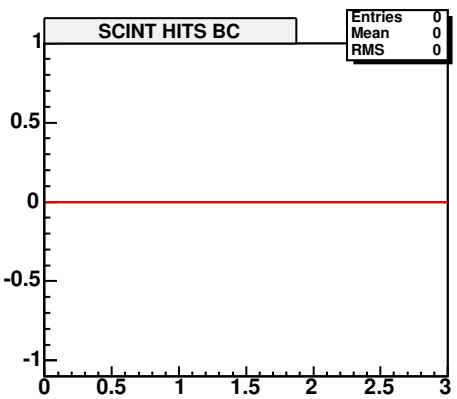




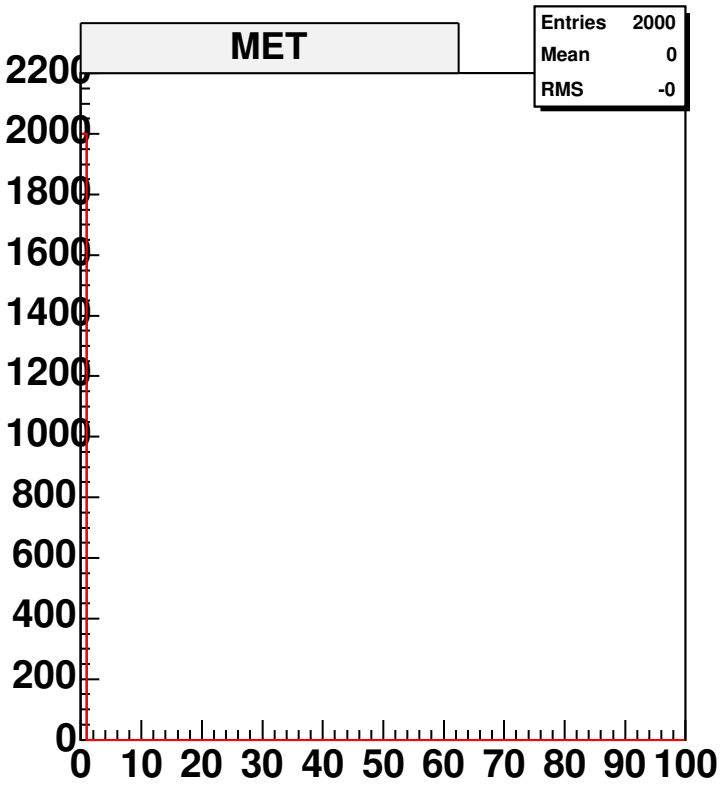


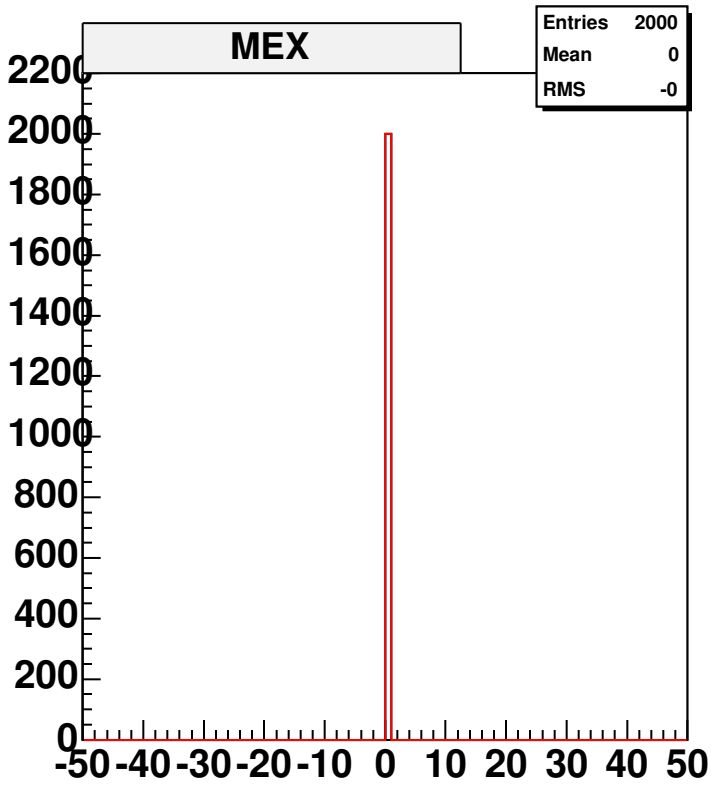


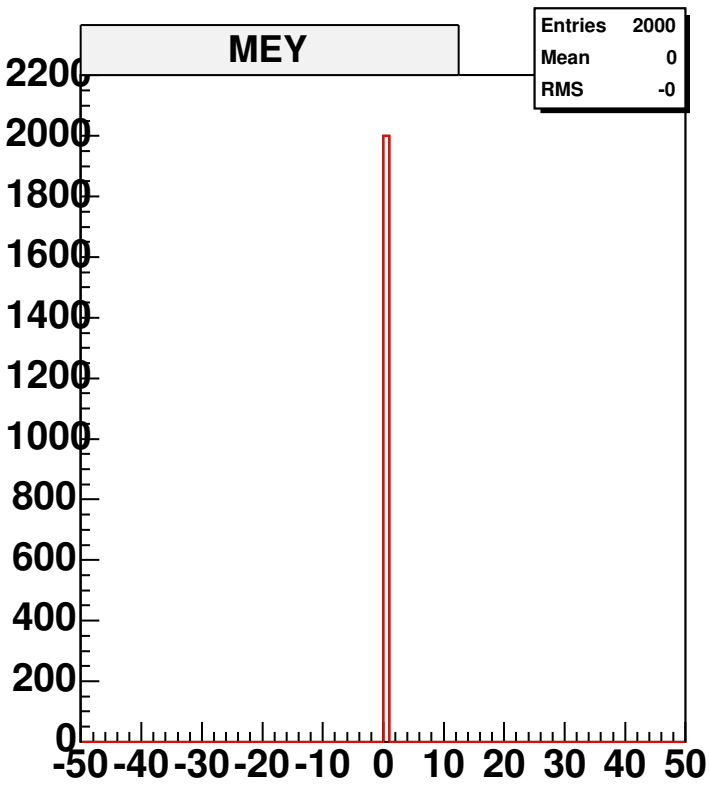




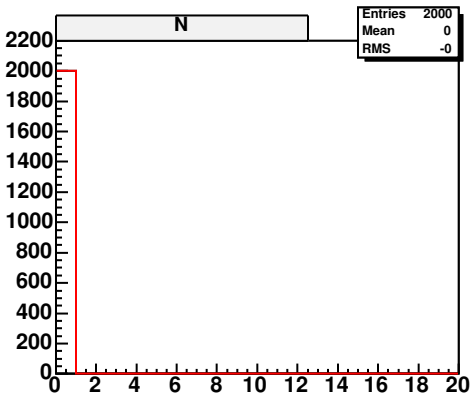
Muons (Unmatched)

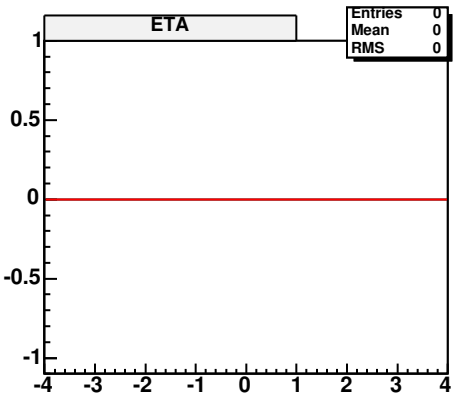

MET
Entries 2000
Mean 0
RMS -0
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0 10 20 30 40 50 60 70 80 90 100

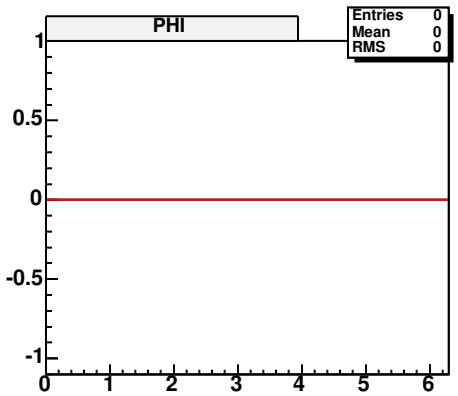

MEX
Entries 2000
Mean 0
RMS -0
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
-50 -40 -30 -20 -10 0 10 20 30 40 50

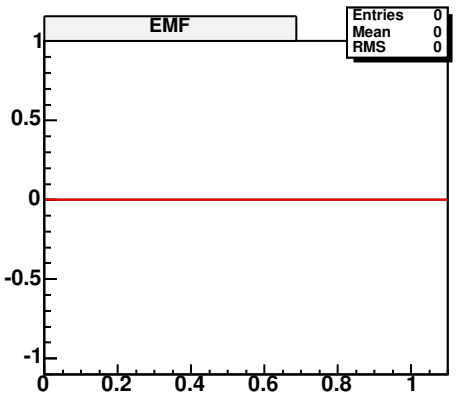

MEY
Entries 2000
Mean 0
RMS -0
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
-50 -40 -30 -20 -10 0 10 20 30 40 50

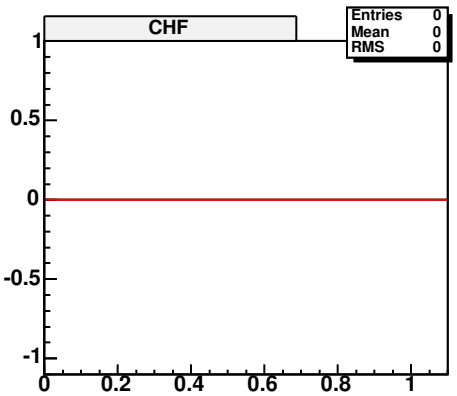
Met (No cuts)

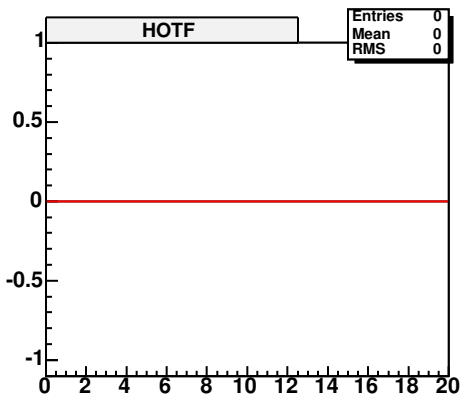


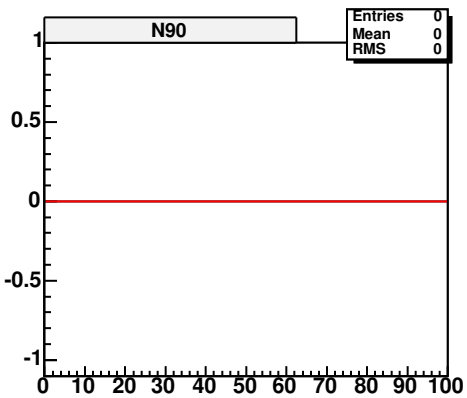


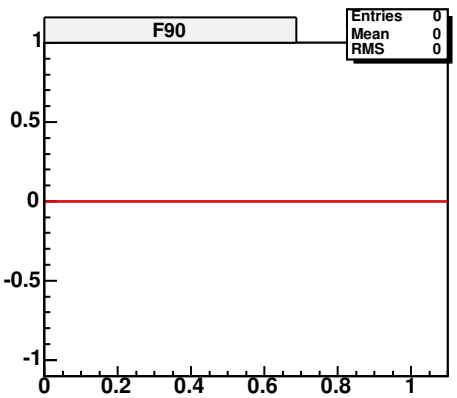


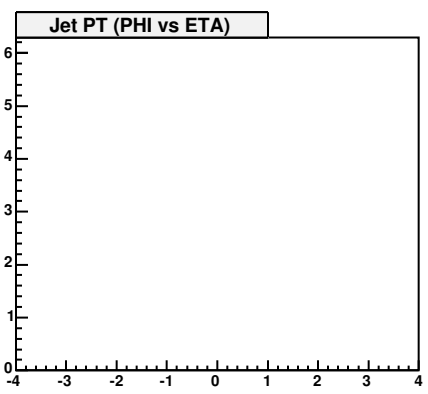




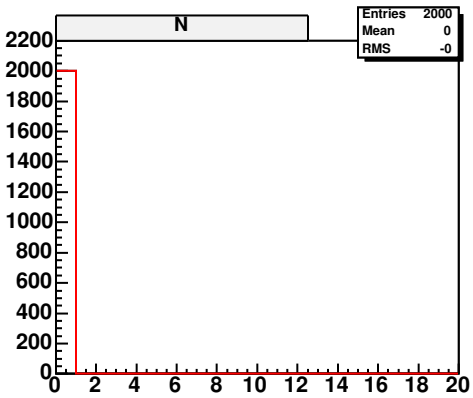


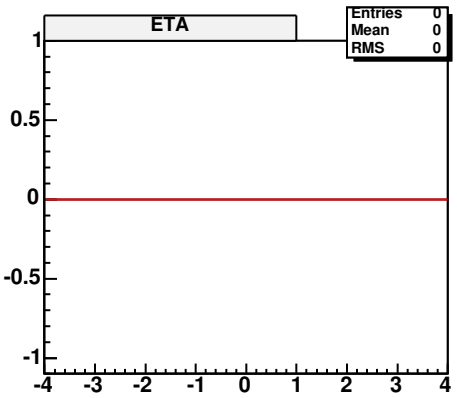


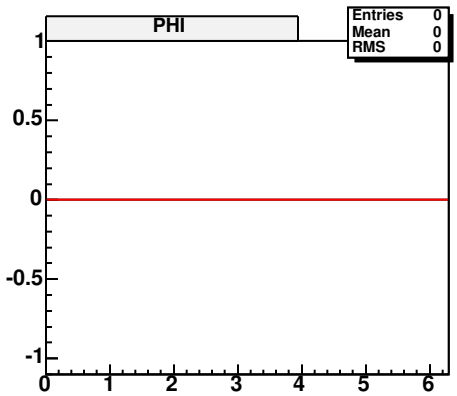


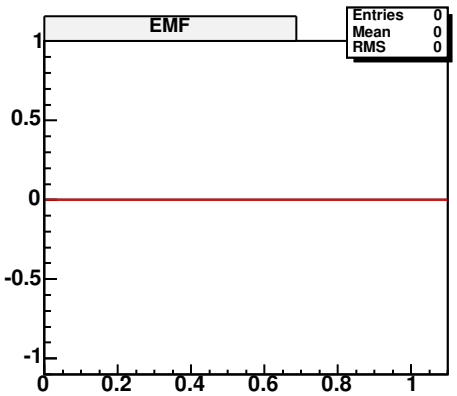


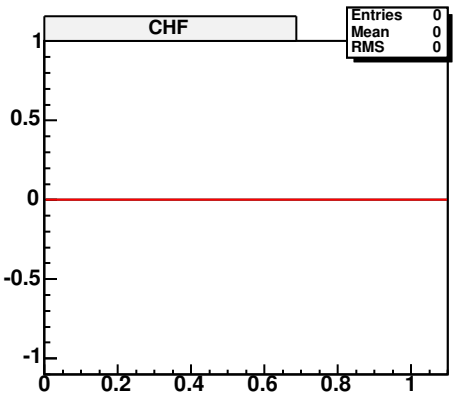
Jets (Cone R 0.7 (no cuts))

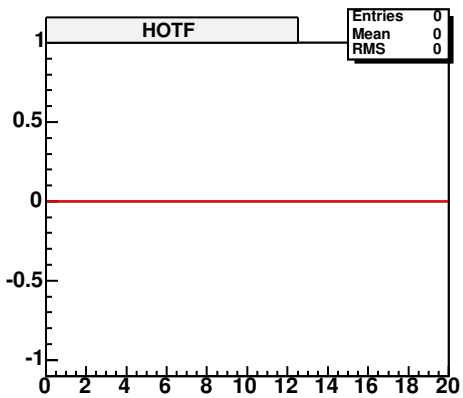


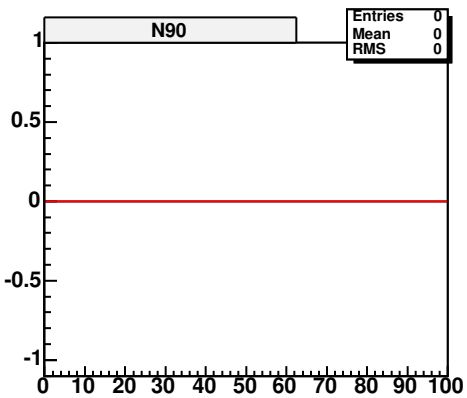


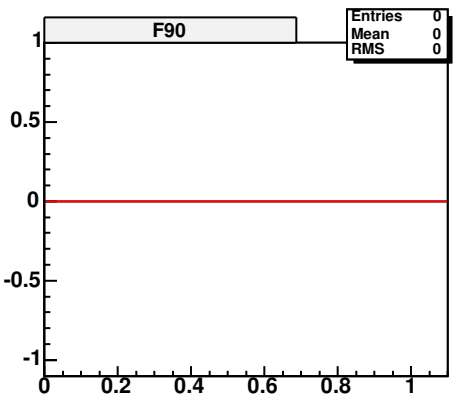


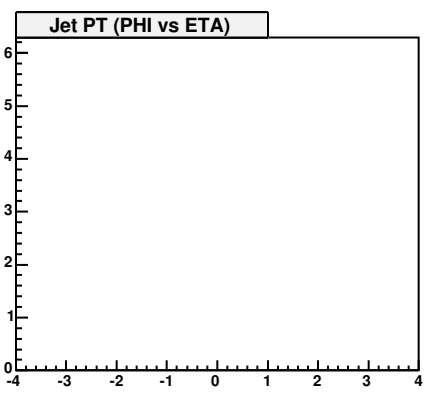




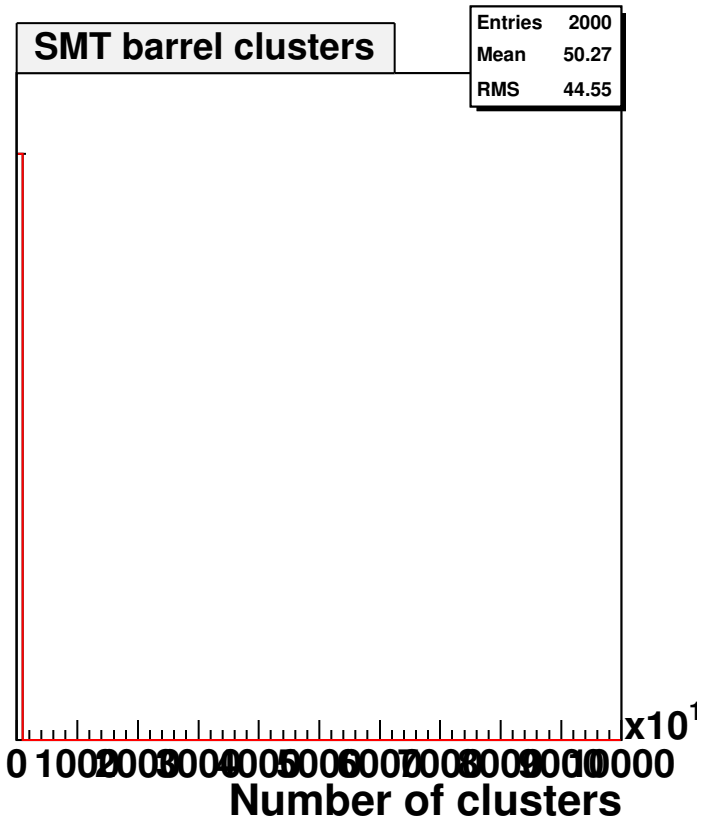


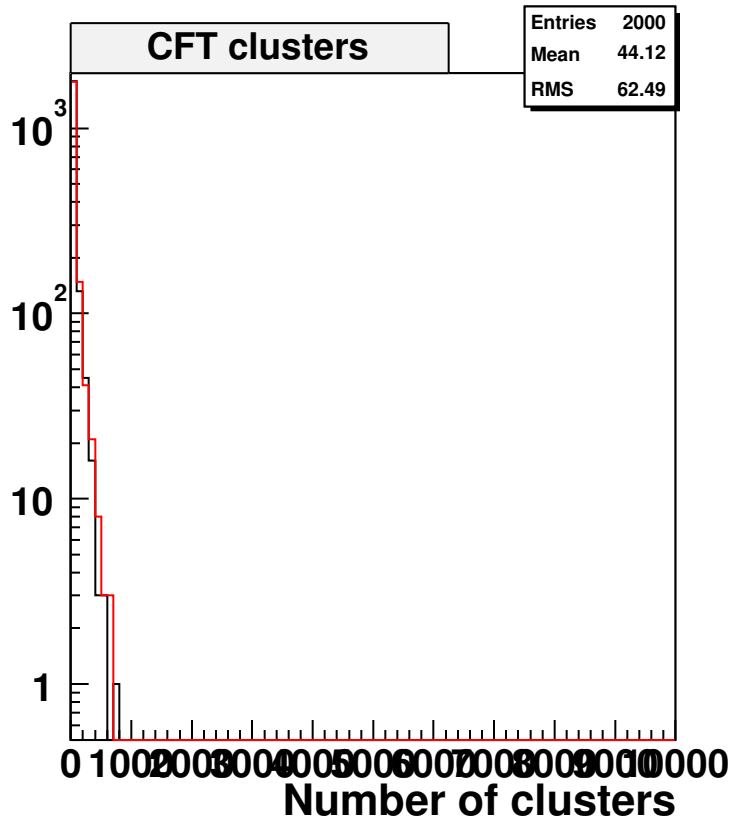


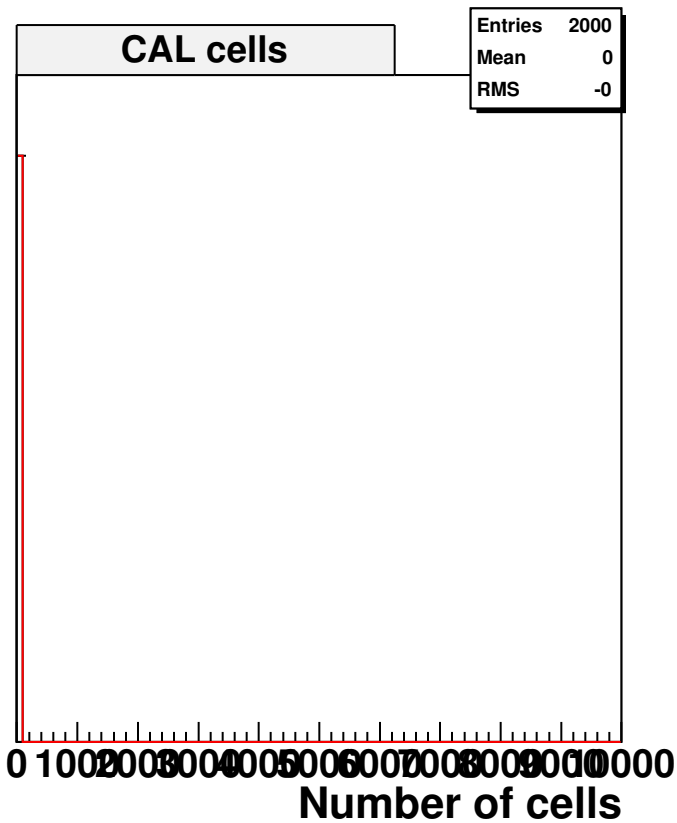


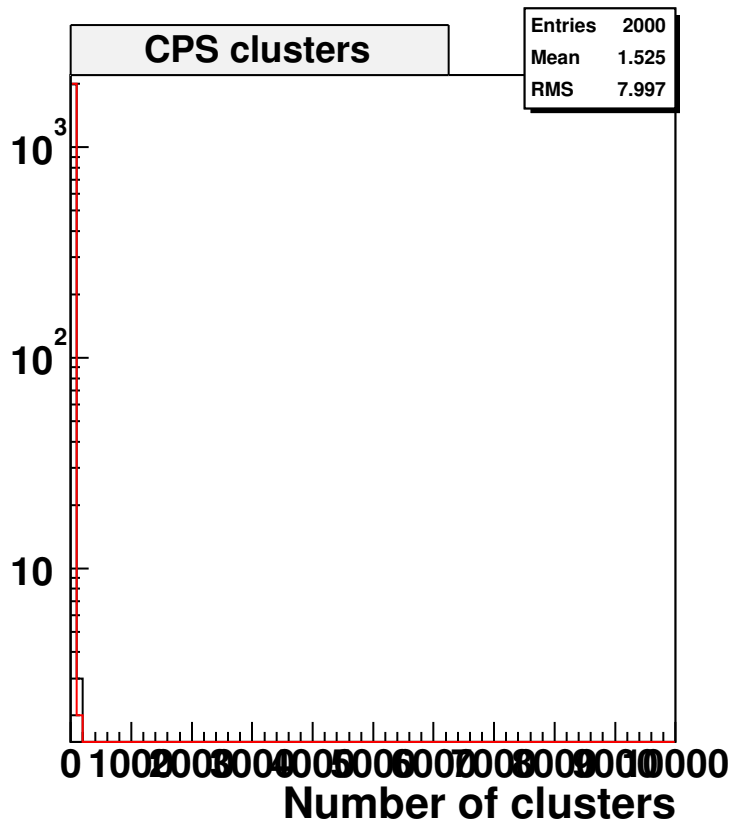


Jets (Cone R 0.7 (standard cuts))

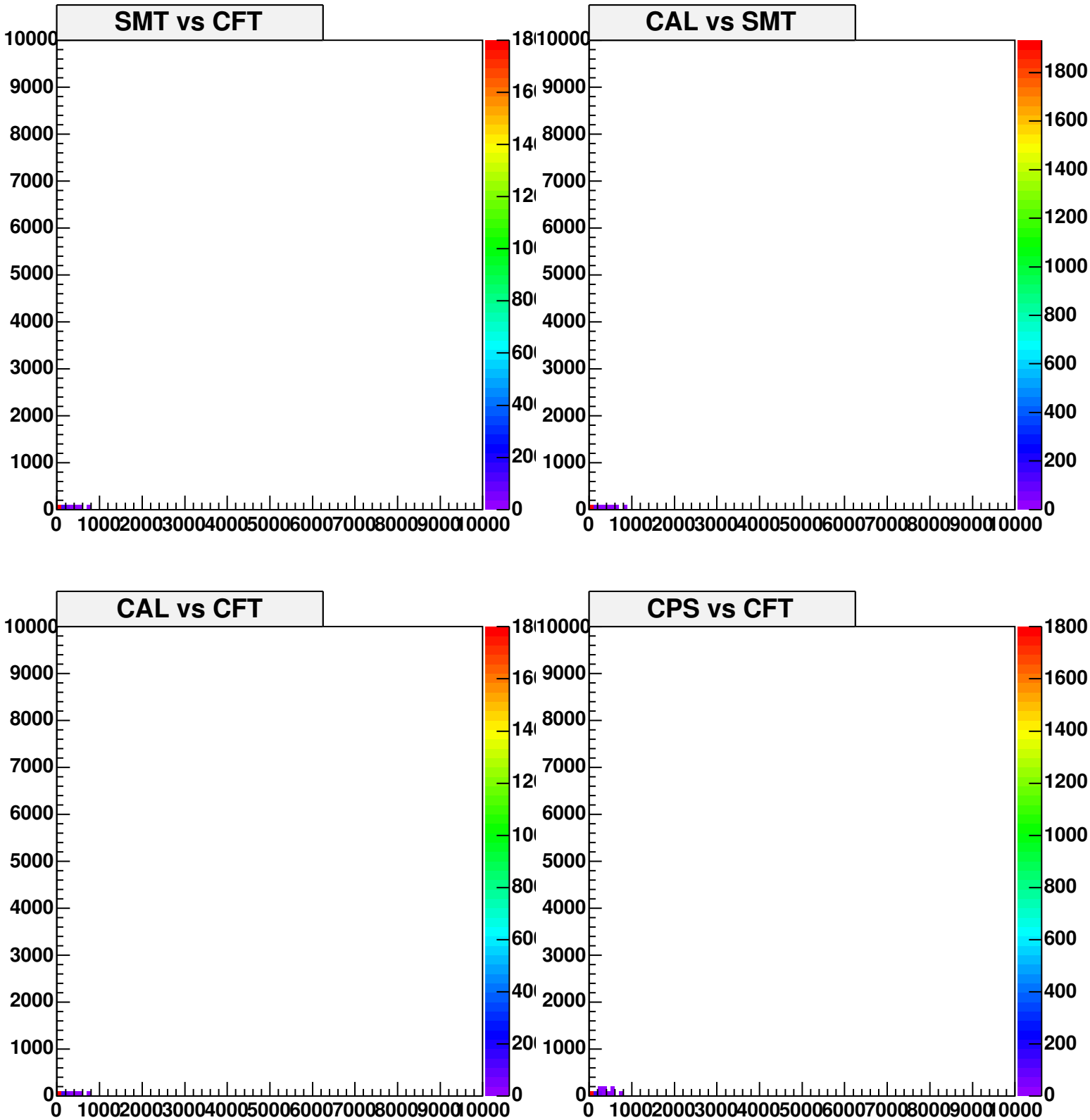




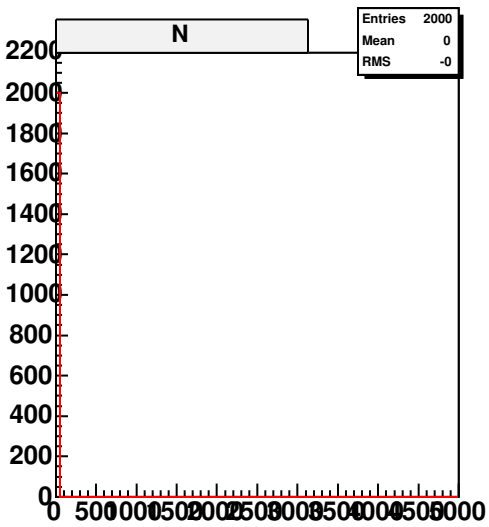


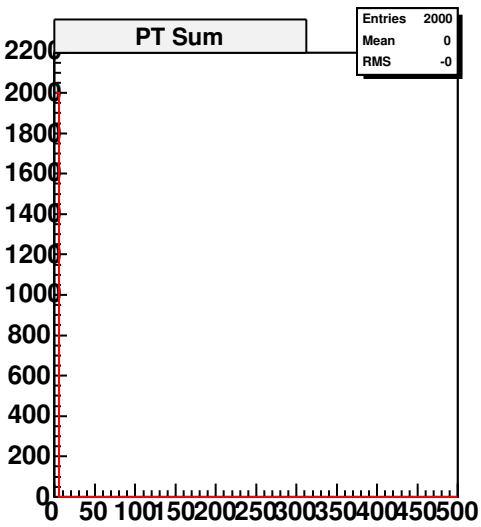


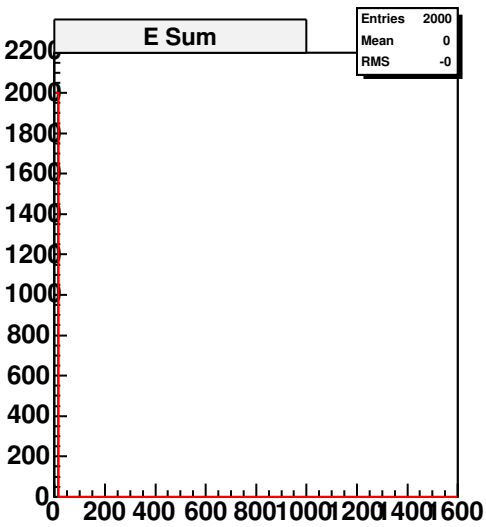
Detector Occupancy (Detector)

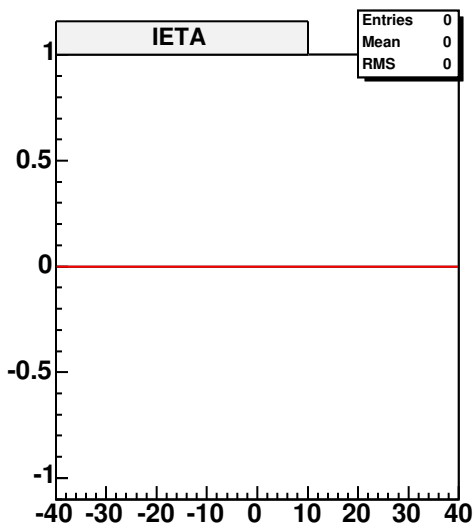


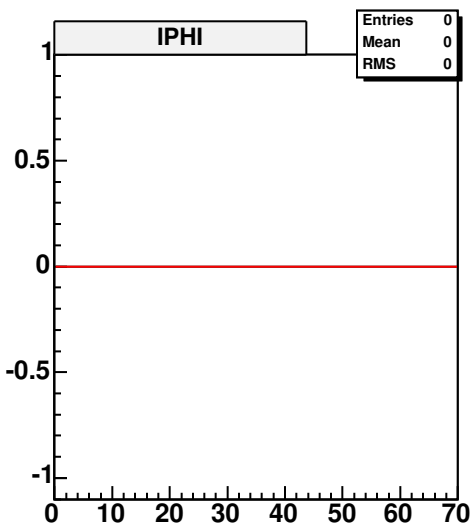
Detector Occupancy (Detector)

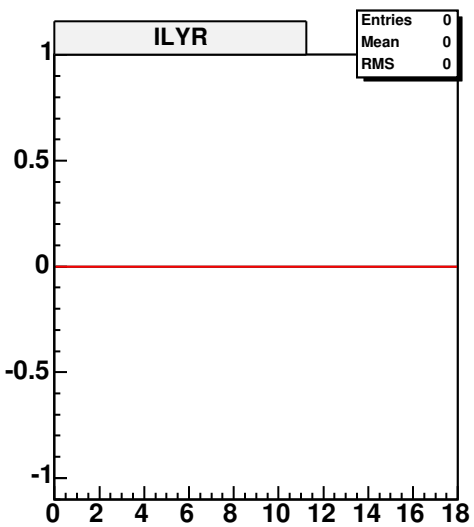


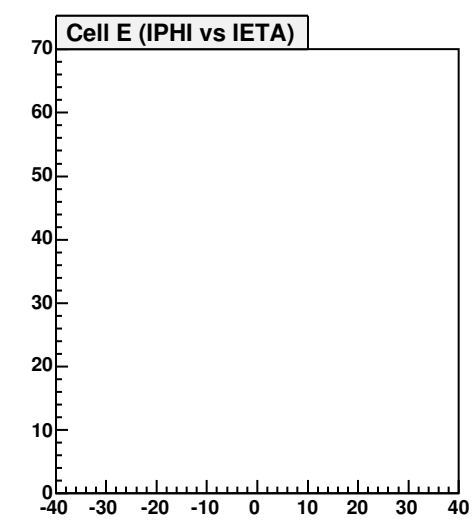


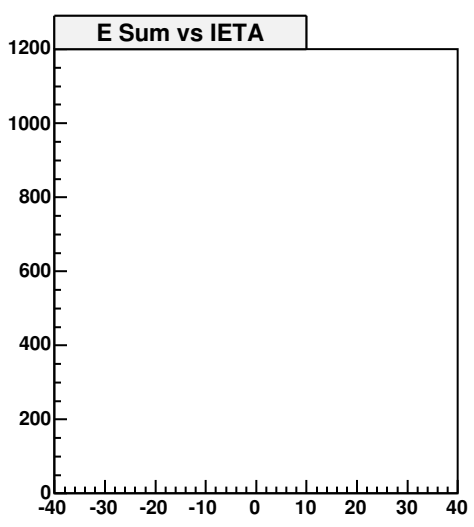


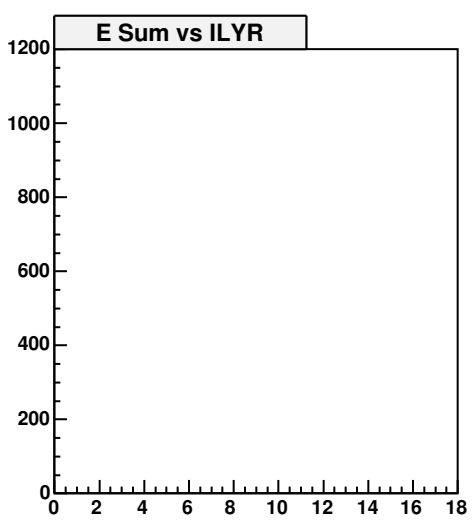




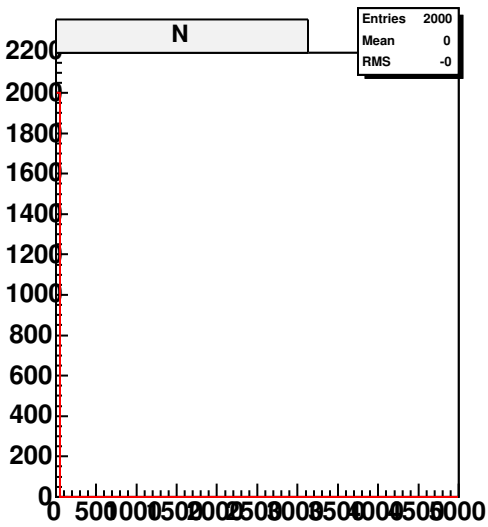


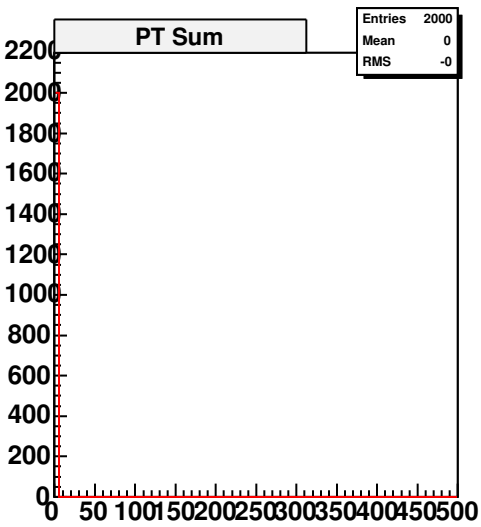


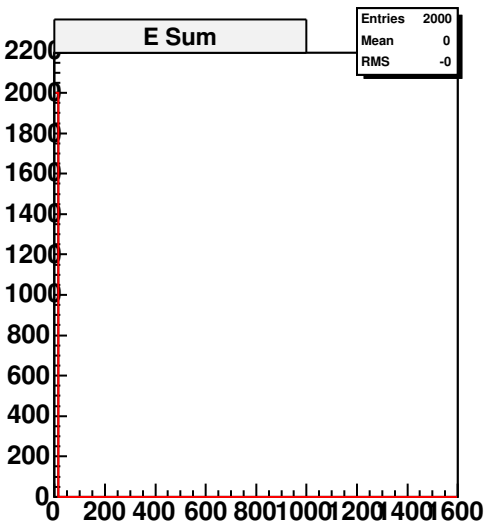


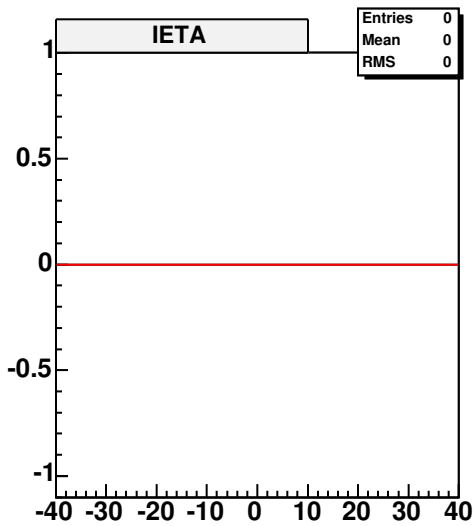


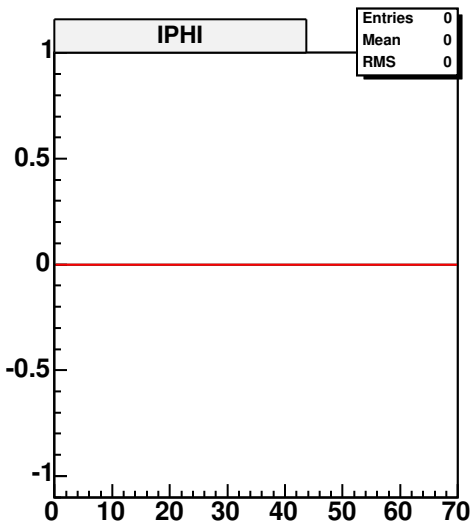
Calorimeter (All cells)

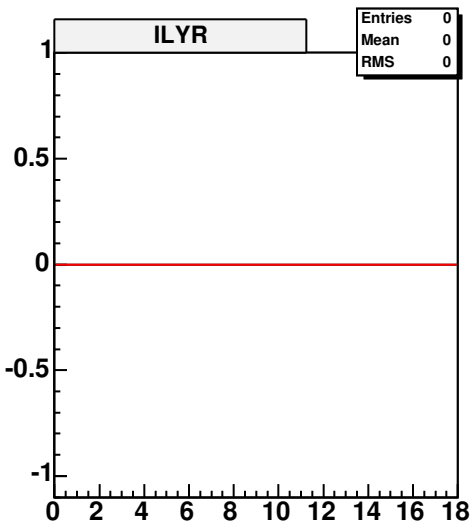


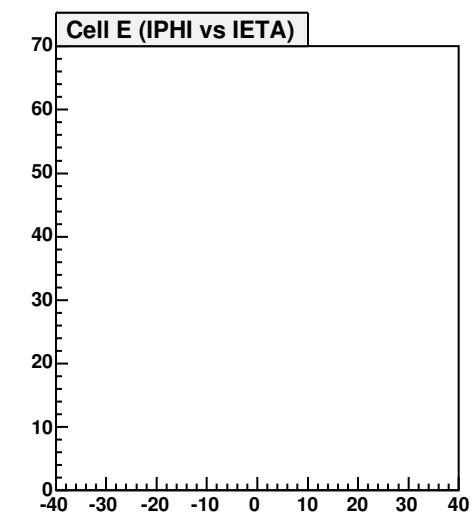


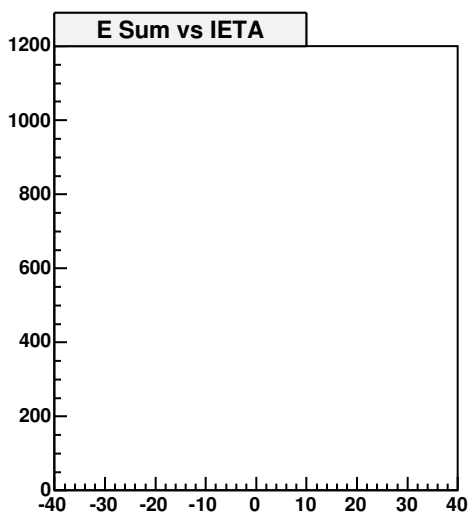


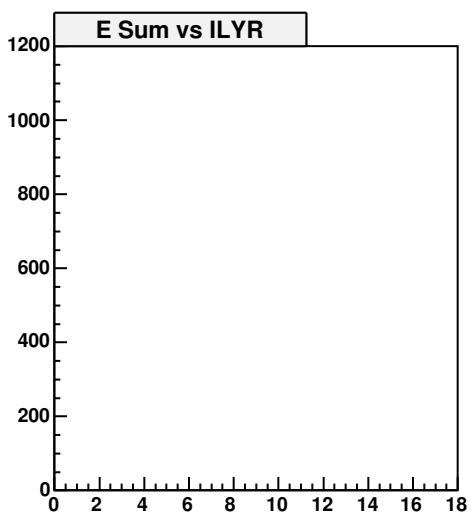




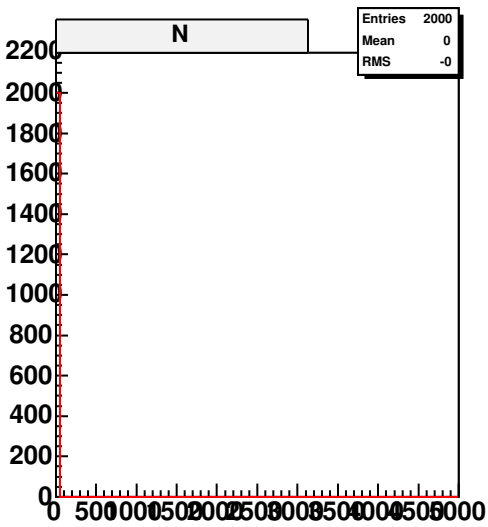


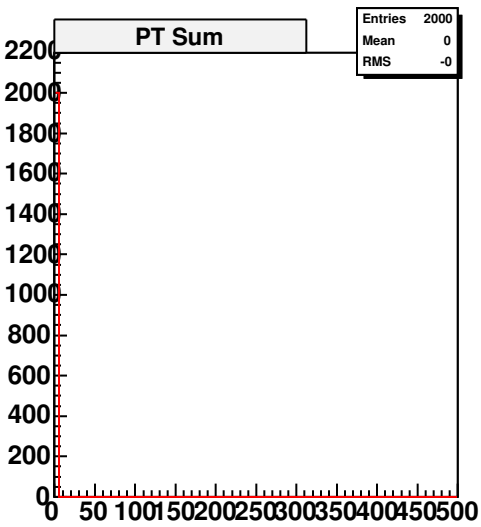


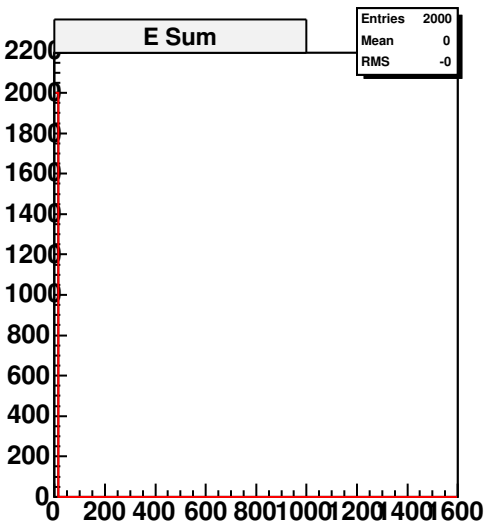


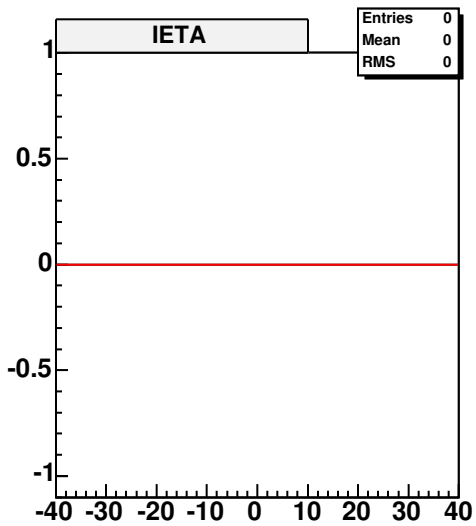


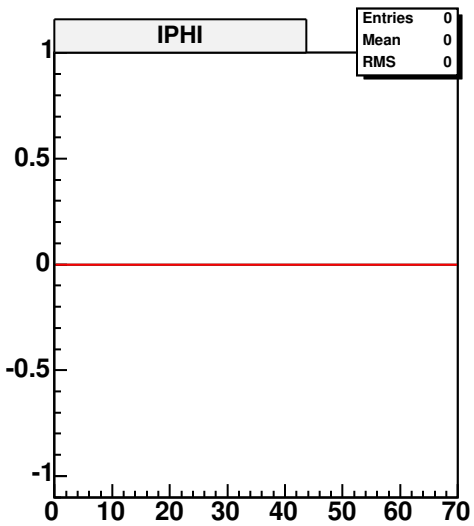
Calorimeter (All CC cells)

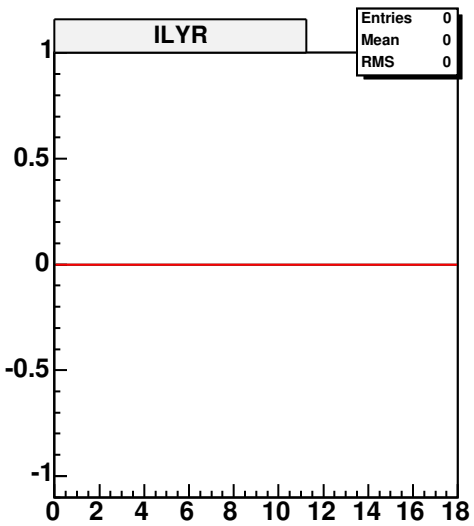


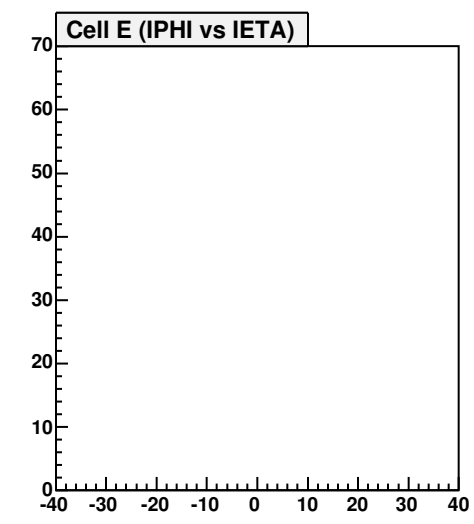


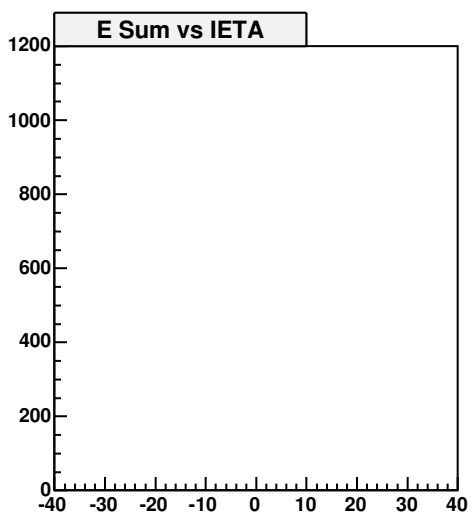


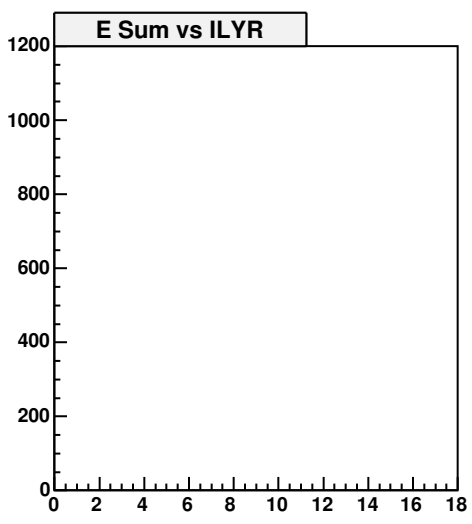




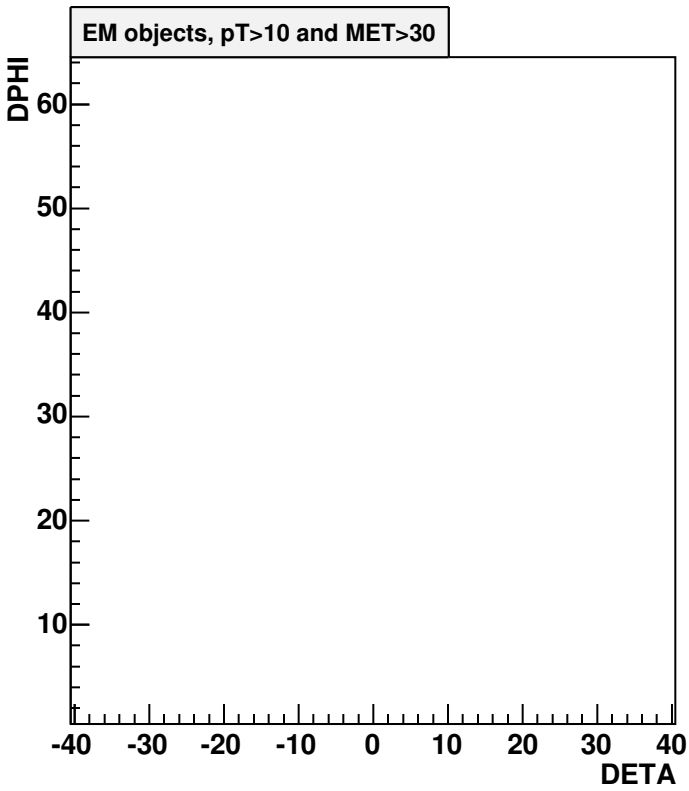


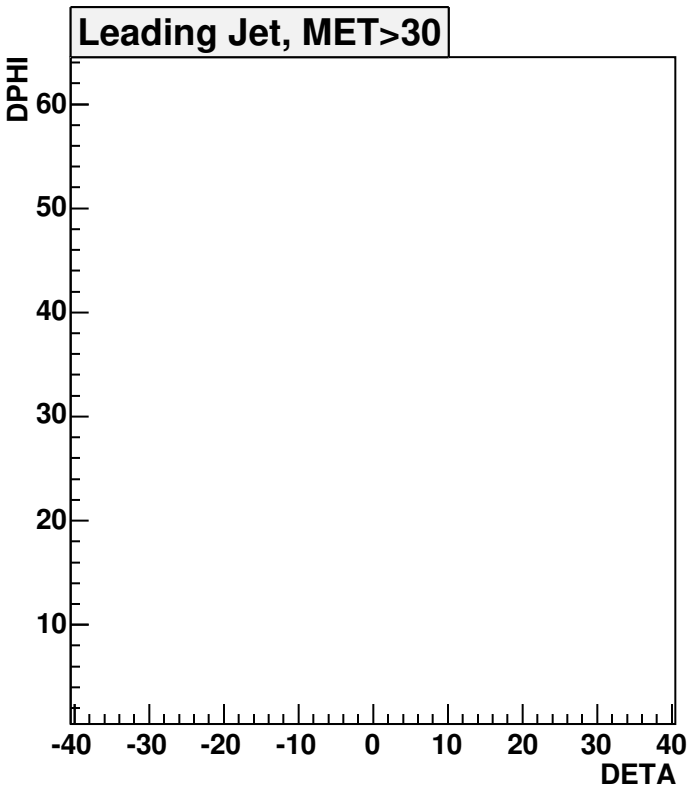


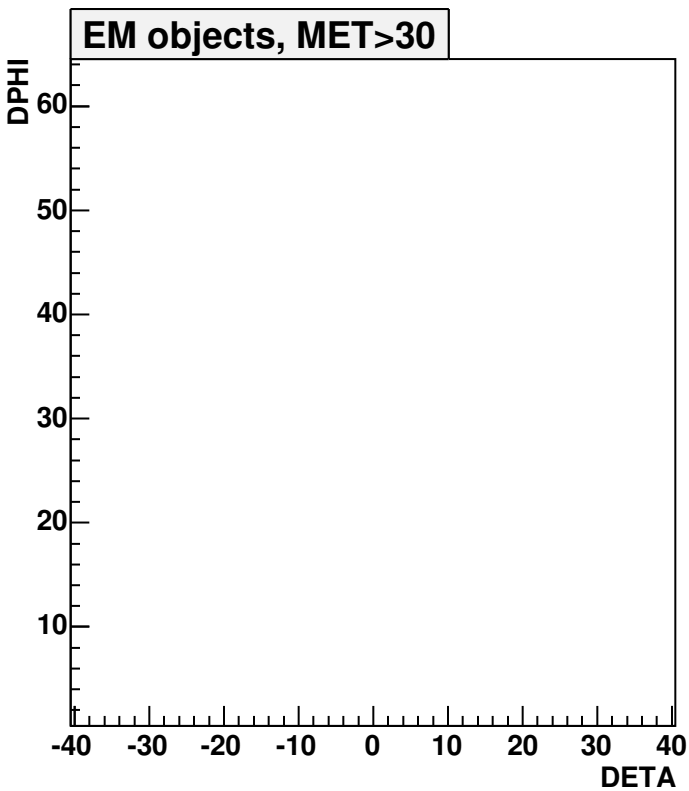




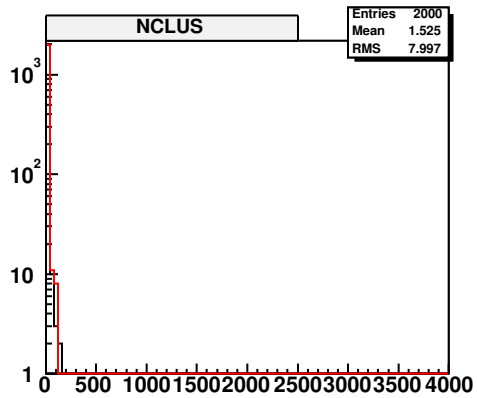
Calorimeter (All EC cells)

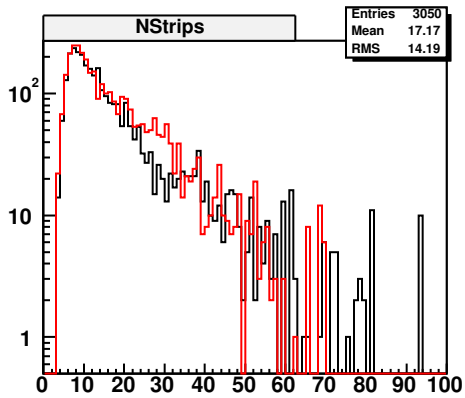


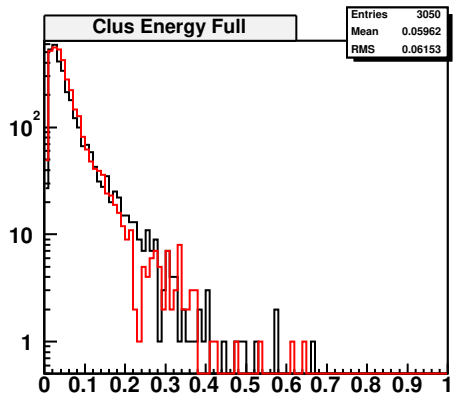


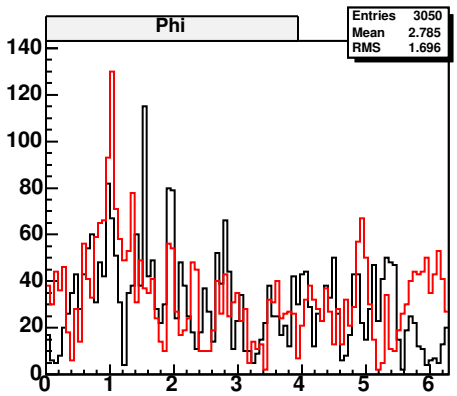


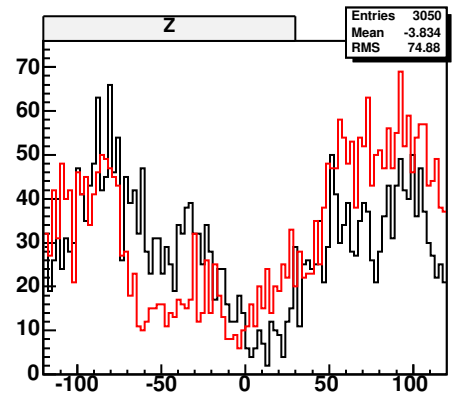
Calorimeter (All cells)

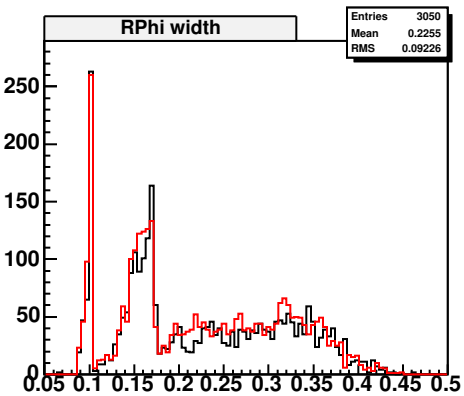


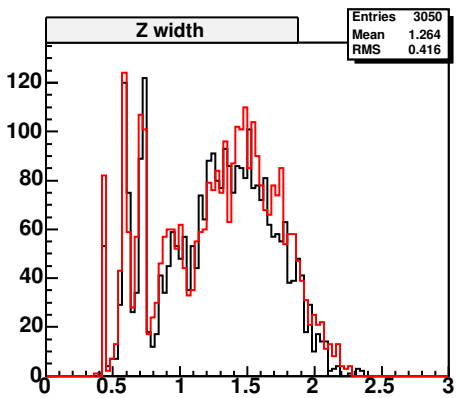


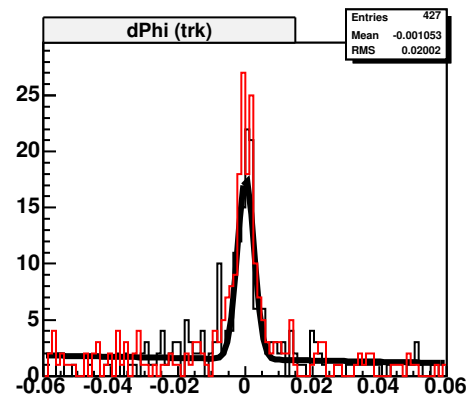


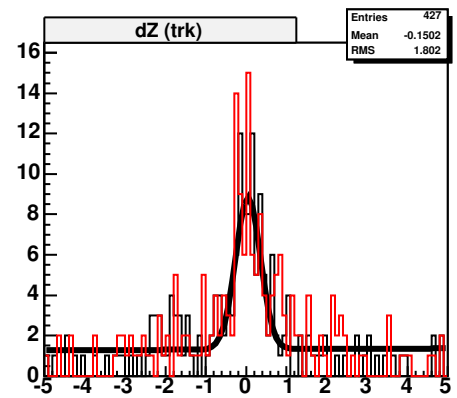


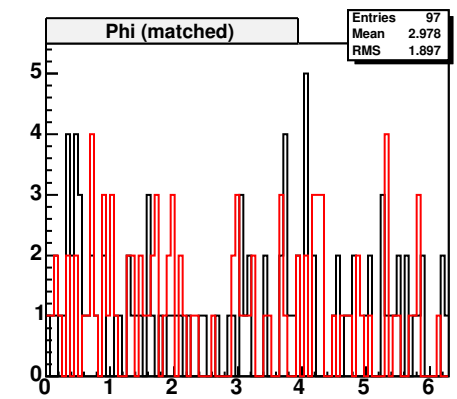


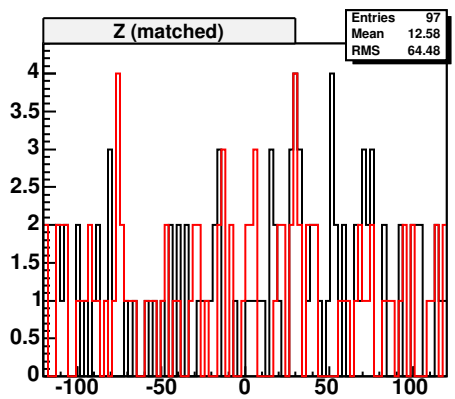




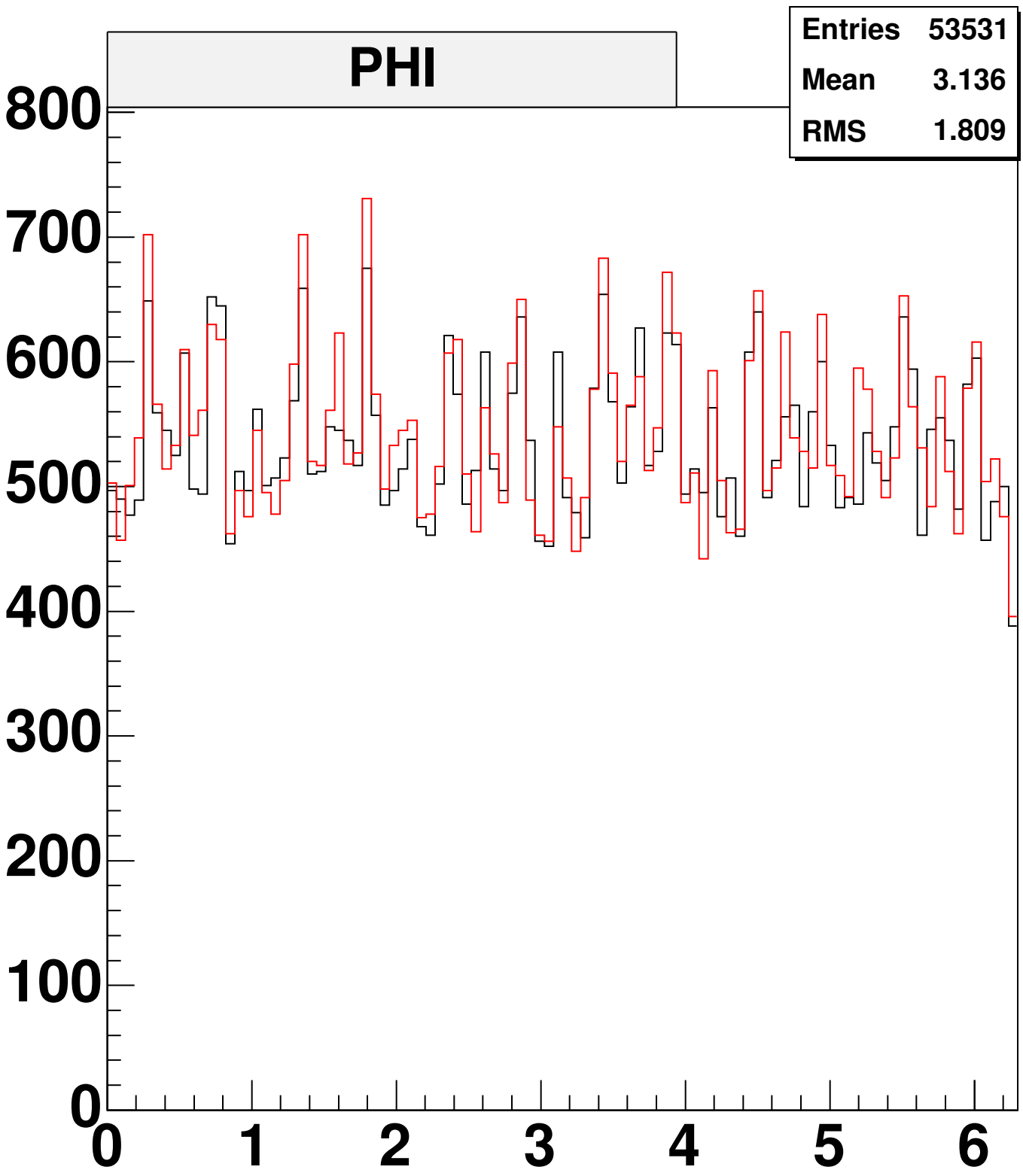


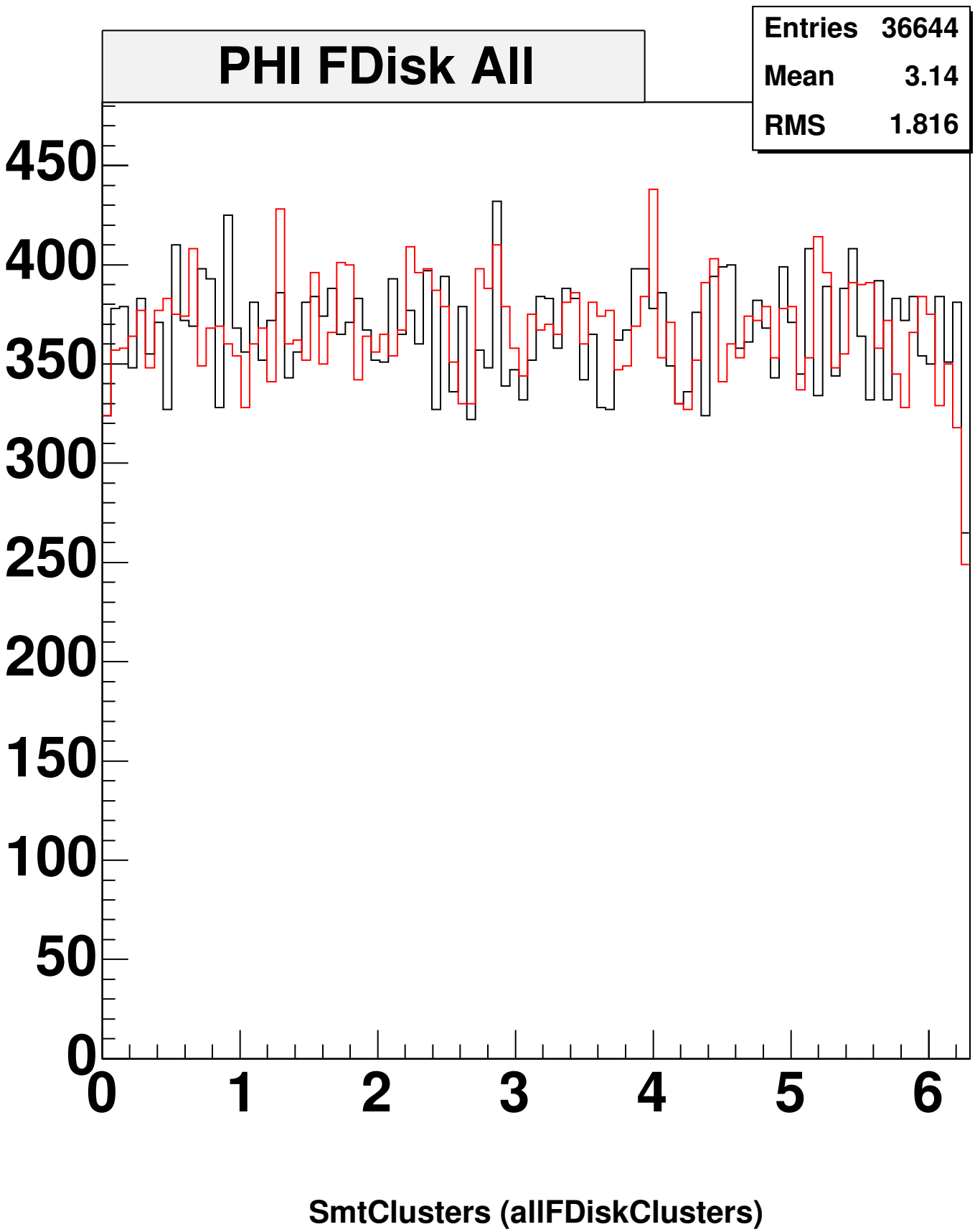


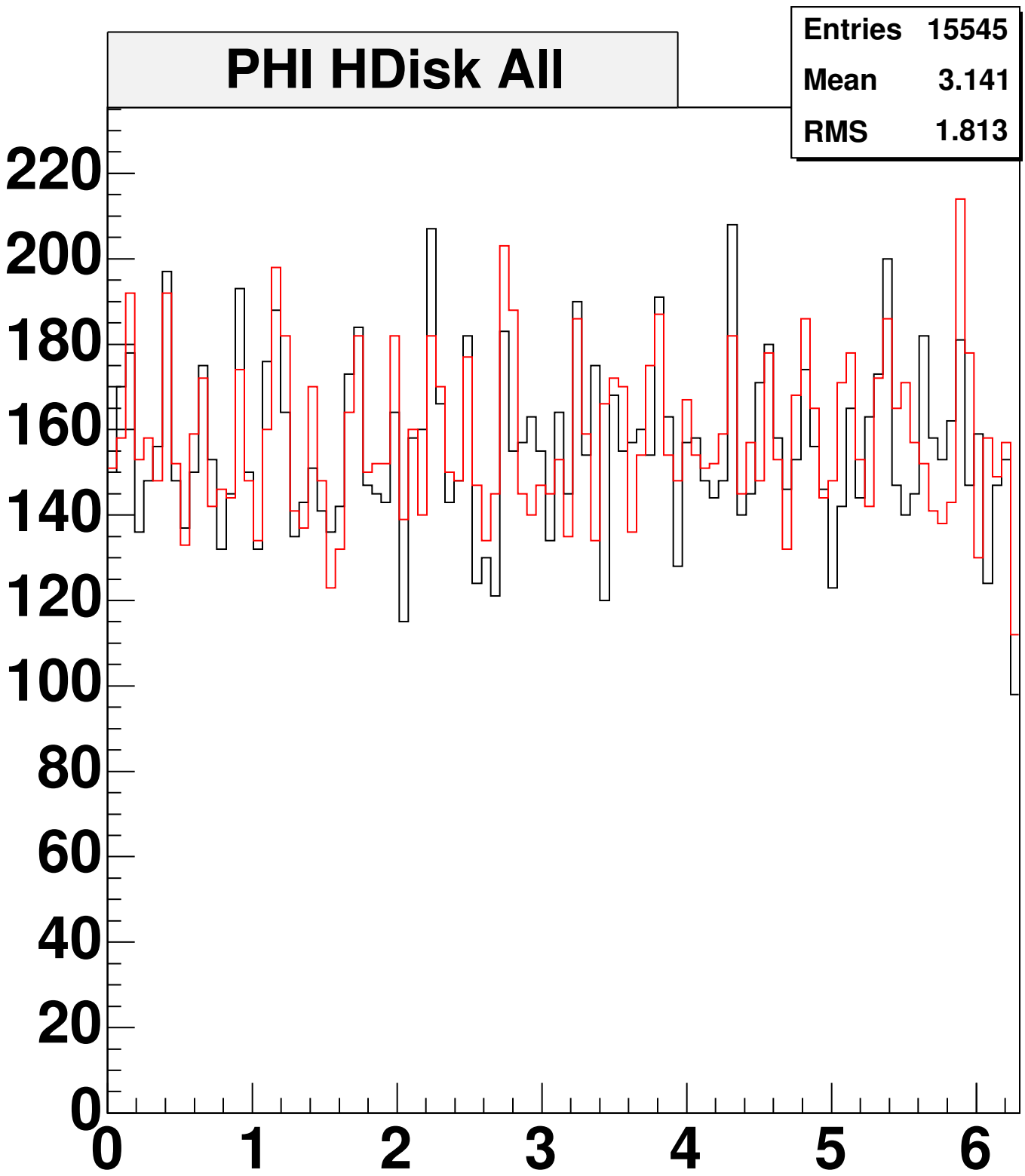


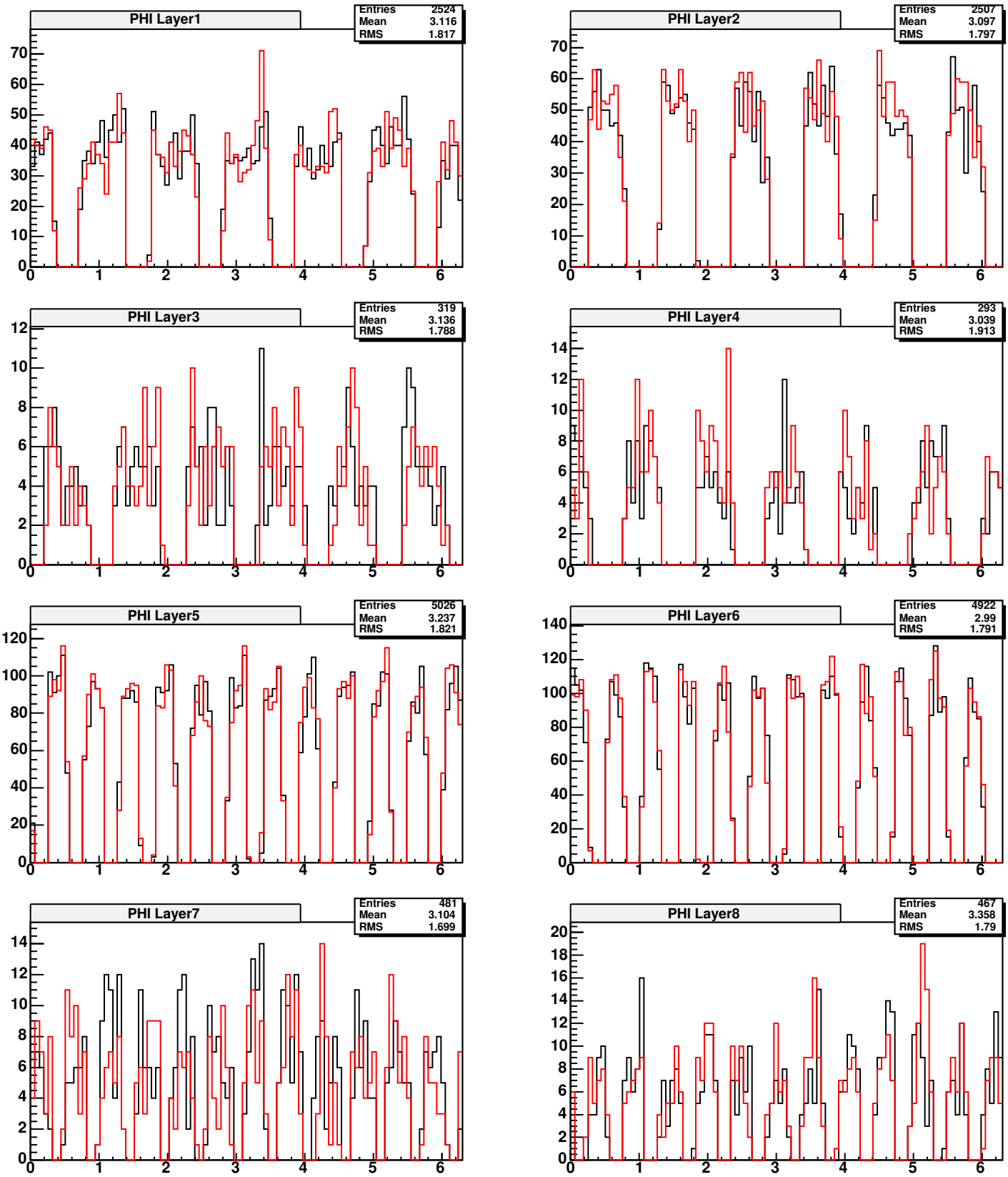


CPS Clusters (All Clusters)

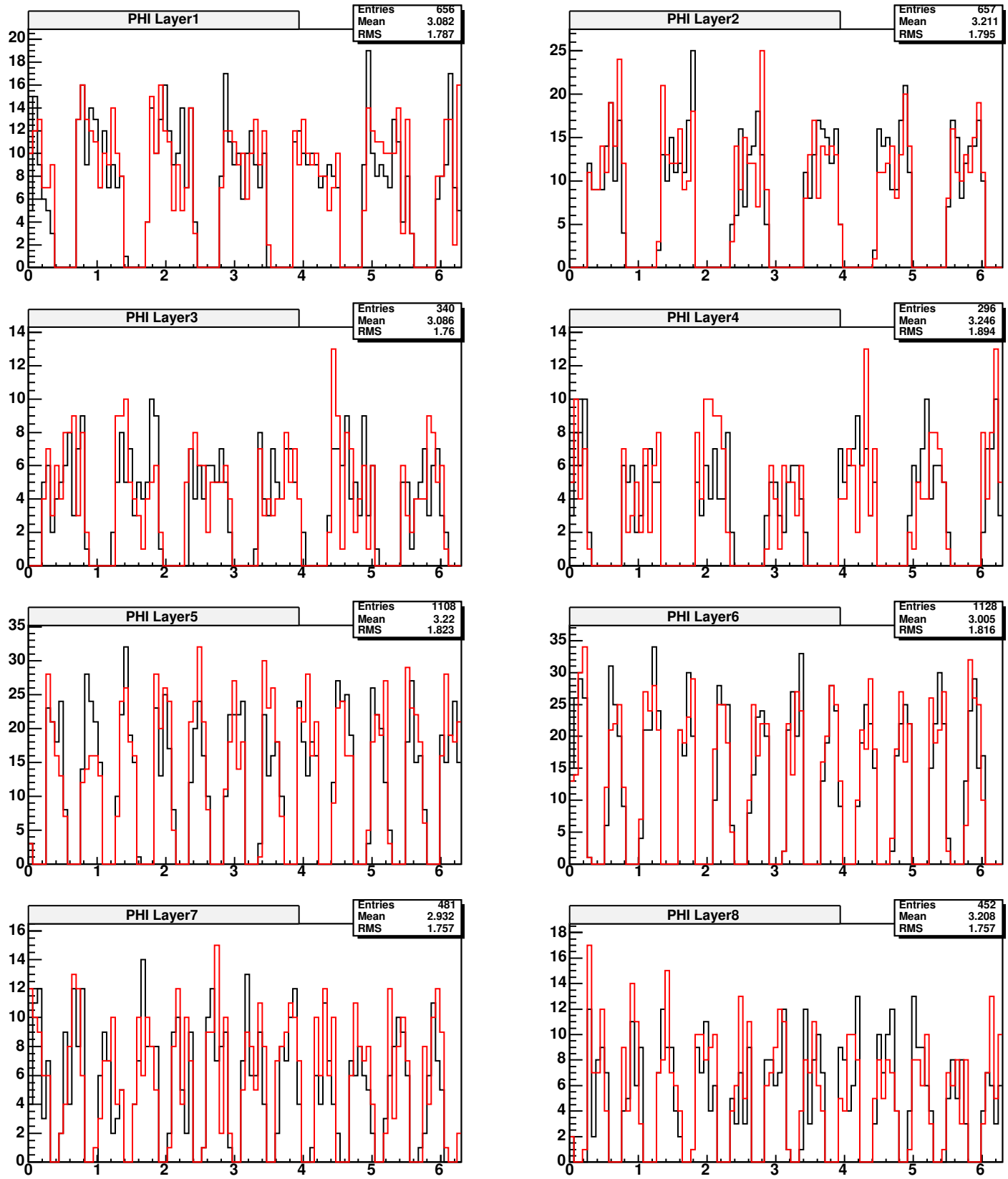

PHI
Entries 53531
Mean 3.136
RMS 1.809
800
700
600
500
400
300
200
100
0
0
1
2
3
4
5
6
SmtClusters (allBarClusters)


PHI FDisk All
Entries 36644
Mean 3.14
RMS 1.816
450
400
350
300
250
200
150
100
50
0
0
1
2
3
4
5
6
SmtClusters (allFDiskClusters)

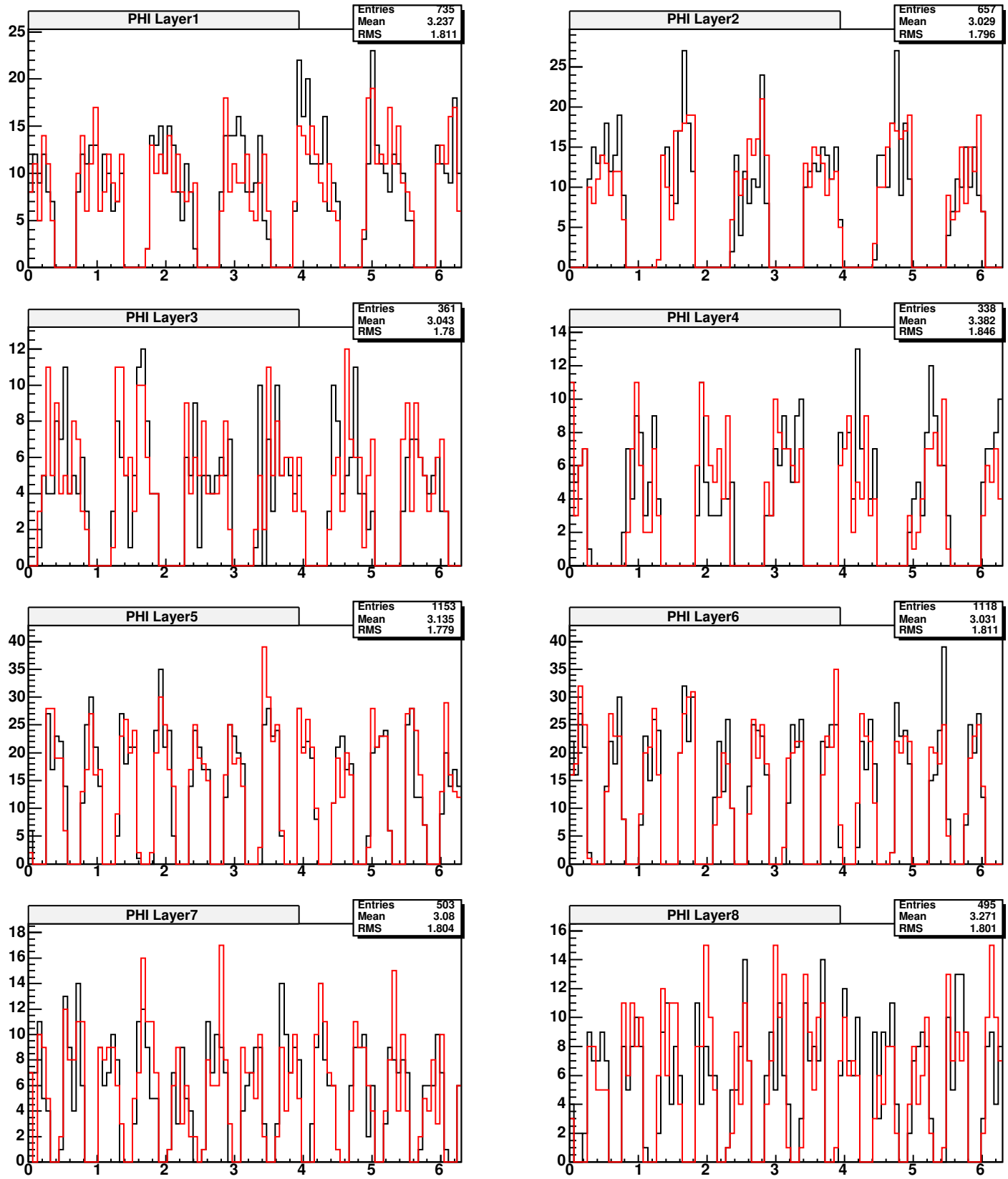

PHI HDisk All
Entries 15545
Mean 3.141
RMS 1.813
220
200
180
160
140
120
100
80
60
40
20
0
0
1
2
3
4
5
6
SmtClusters (allHDiskClusters)



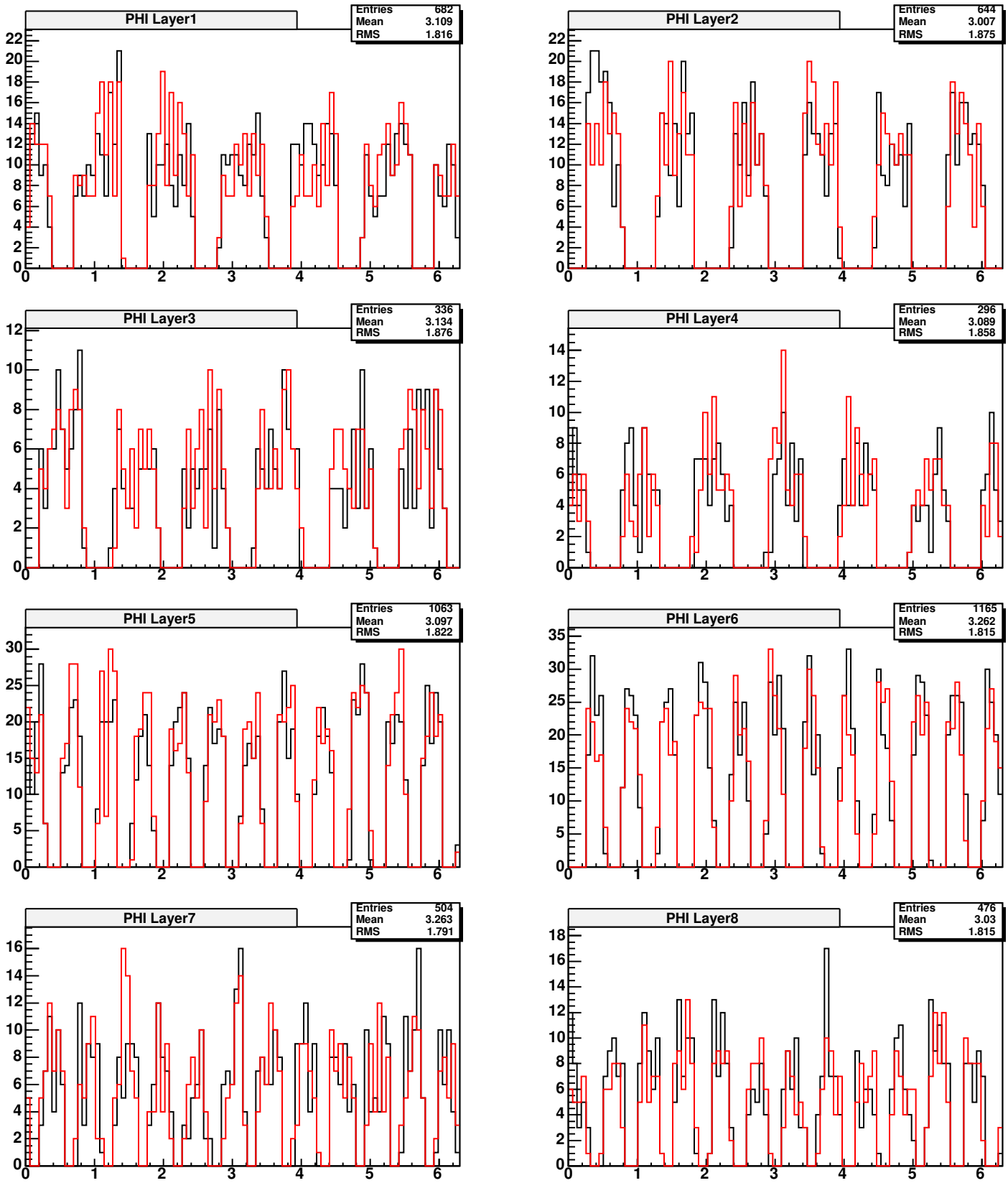
SmtClusters (ClustrBar1)



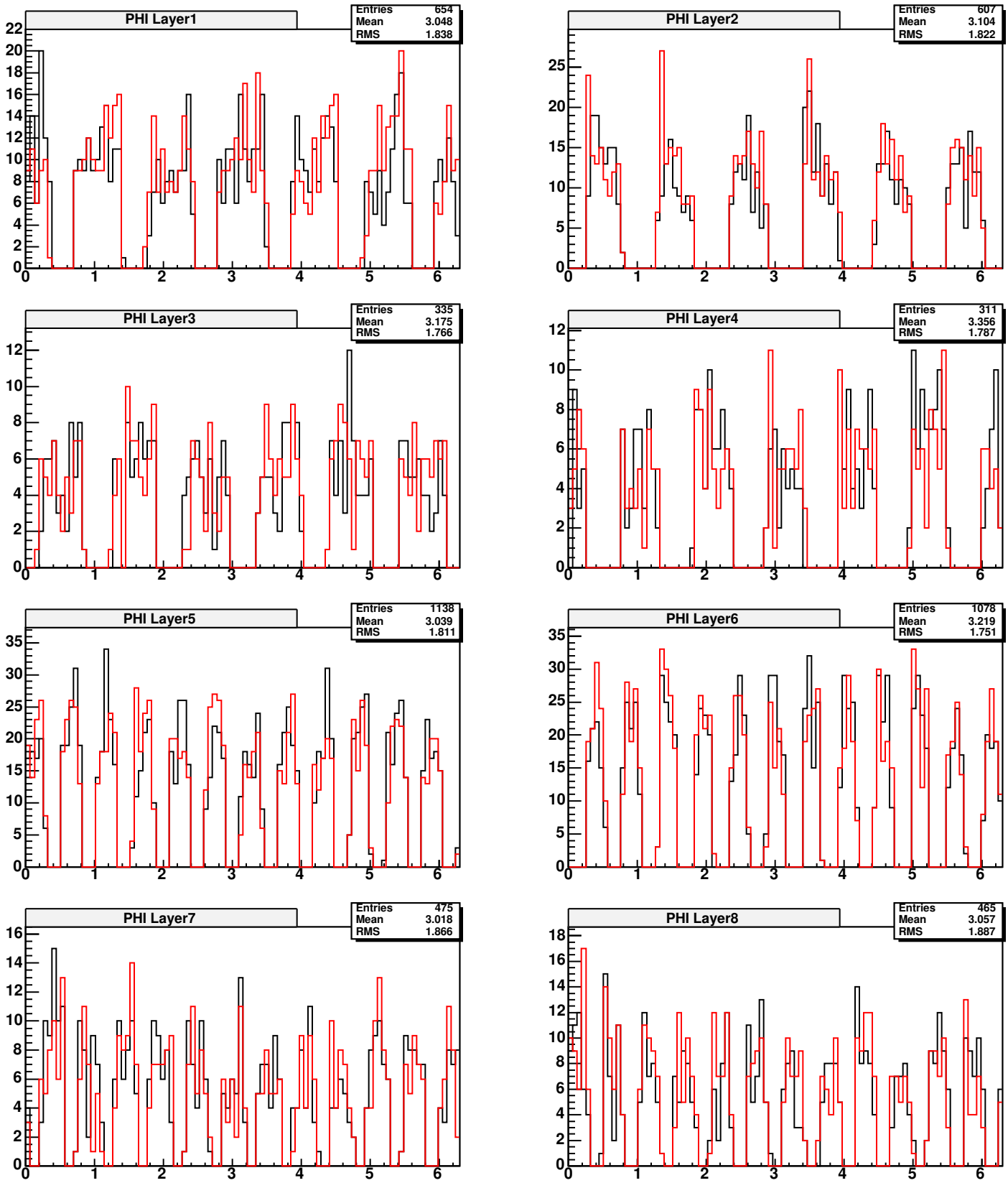
SmtClusters (ClustrBar2)



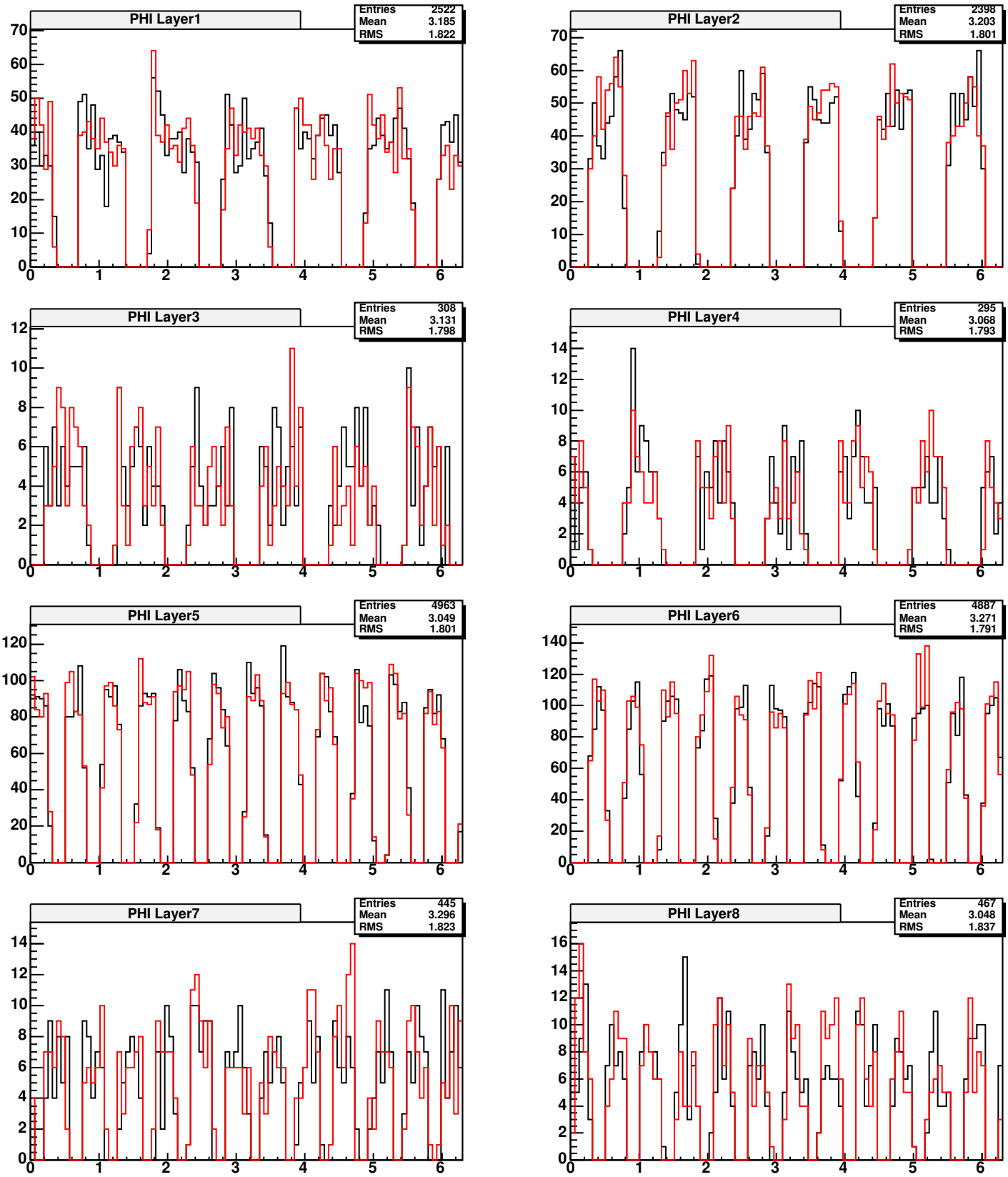
SmtClusters (ClustrBar3)



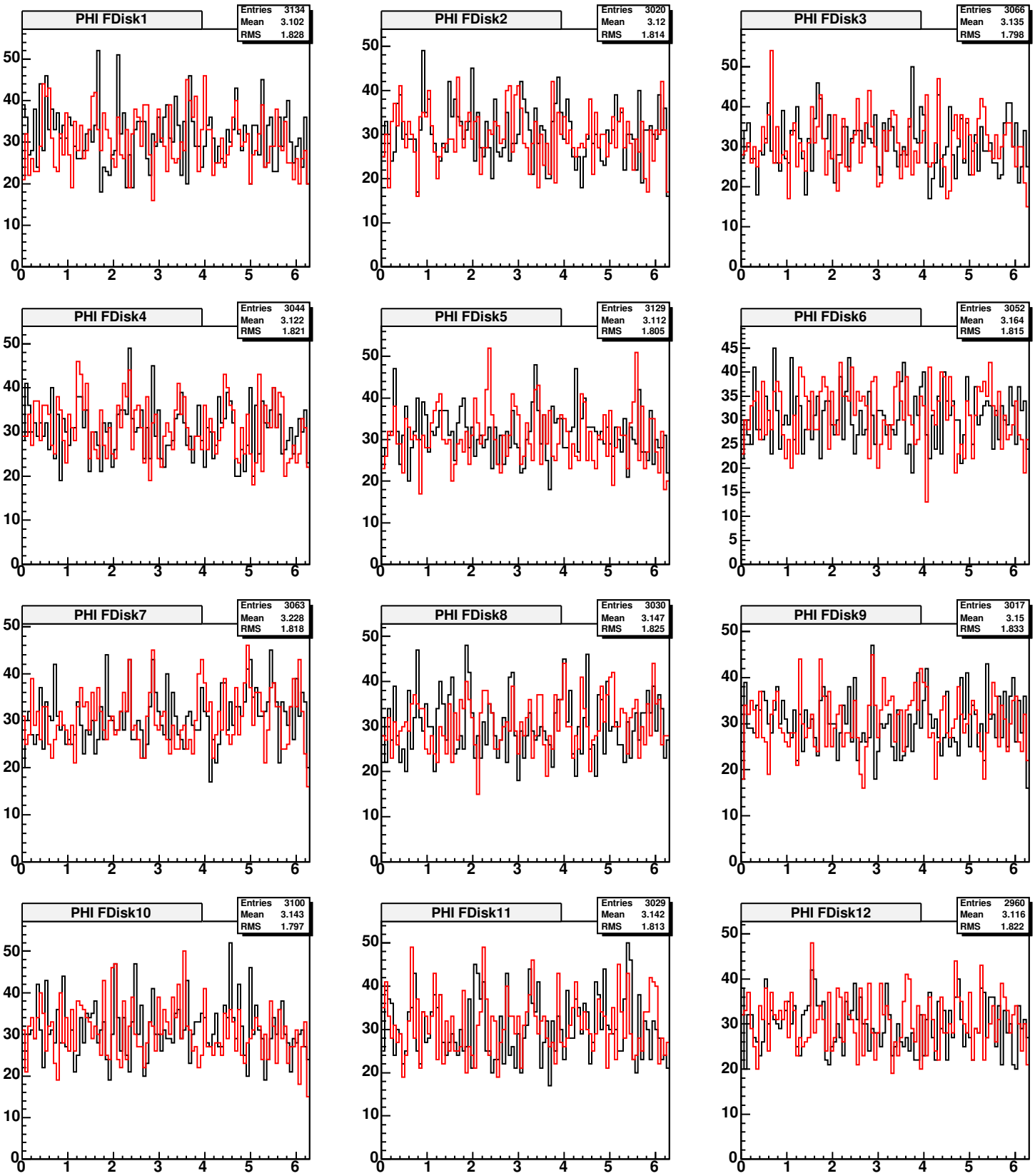
SmtClusters (ClustrBar4)



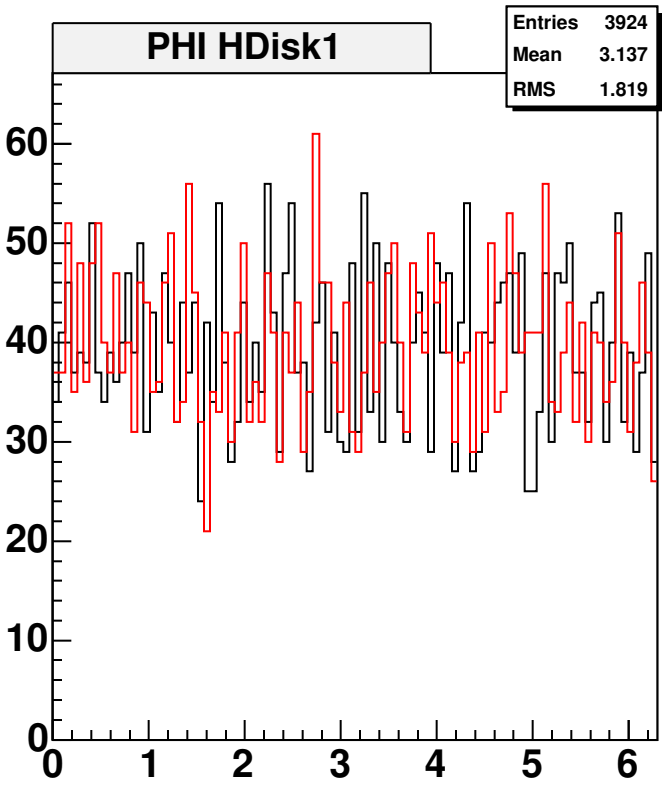
SmtClusters (ClustrBar5)

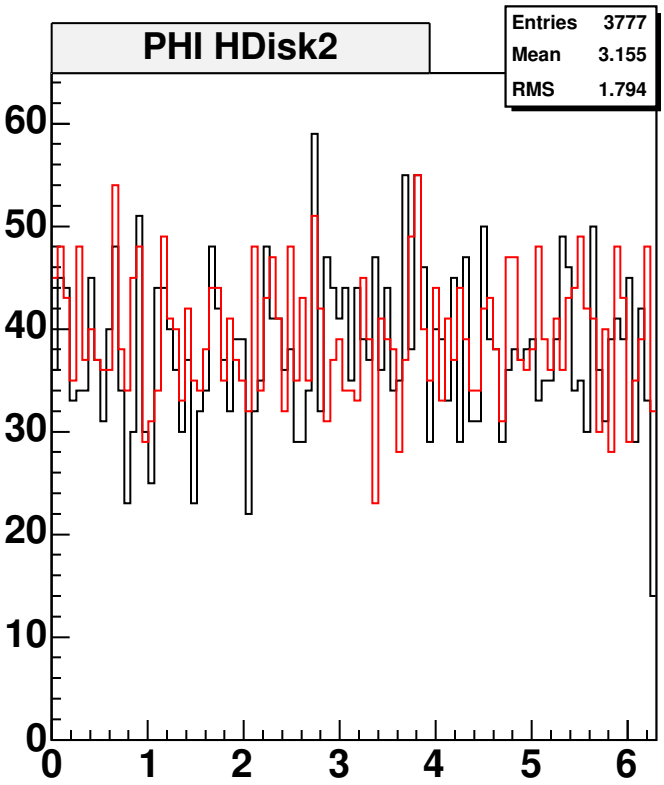


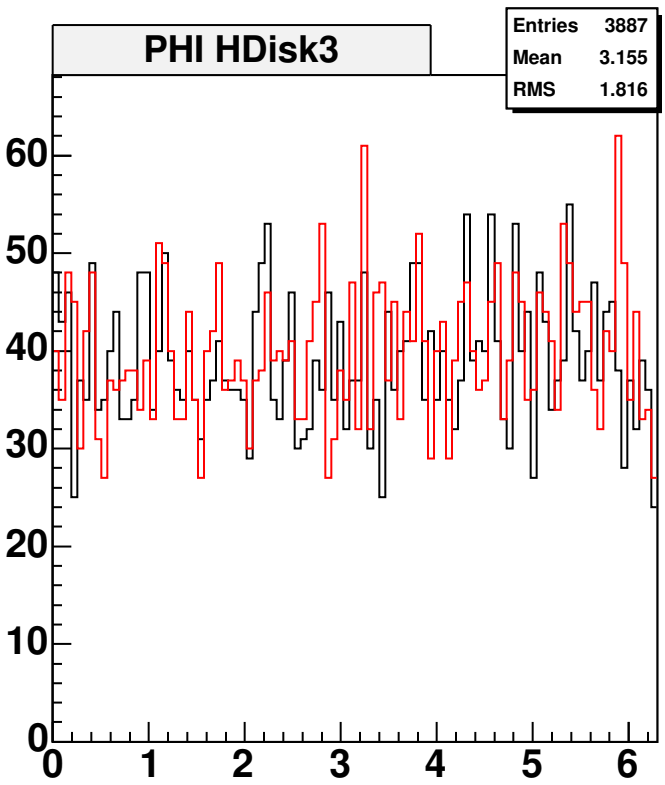
SmtClusters (ClustrBar6)

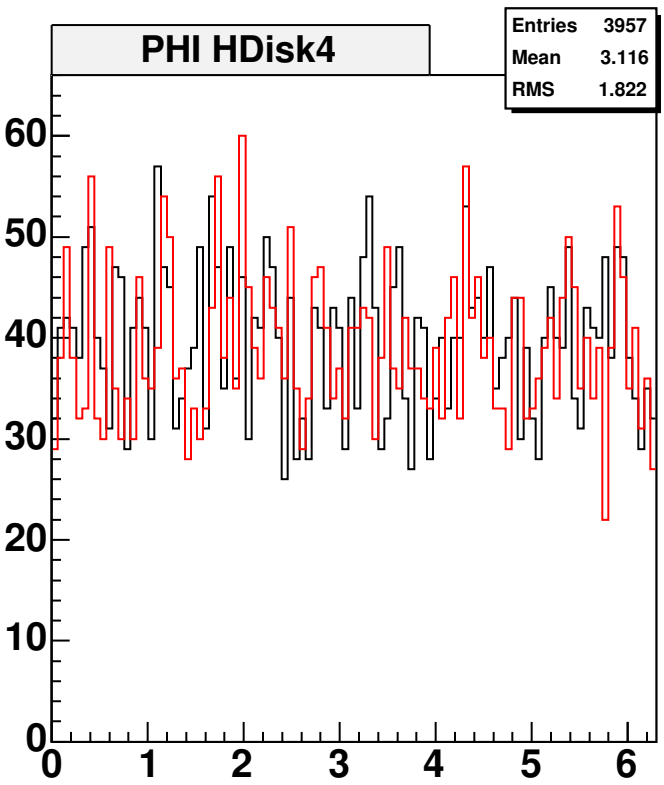


SmtClusters (FDiskClusters)

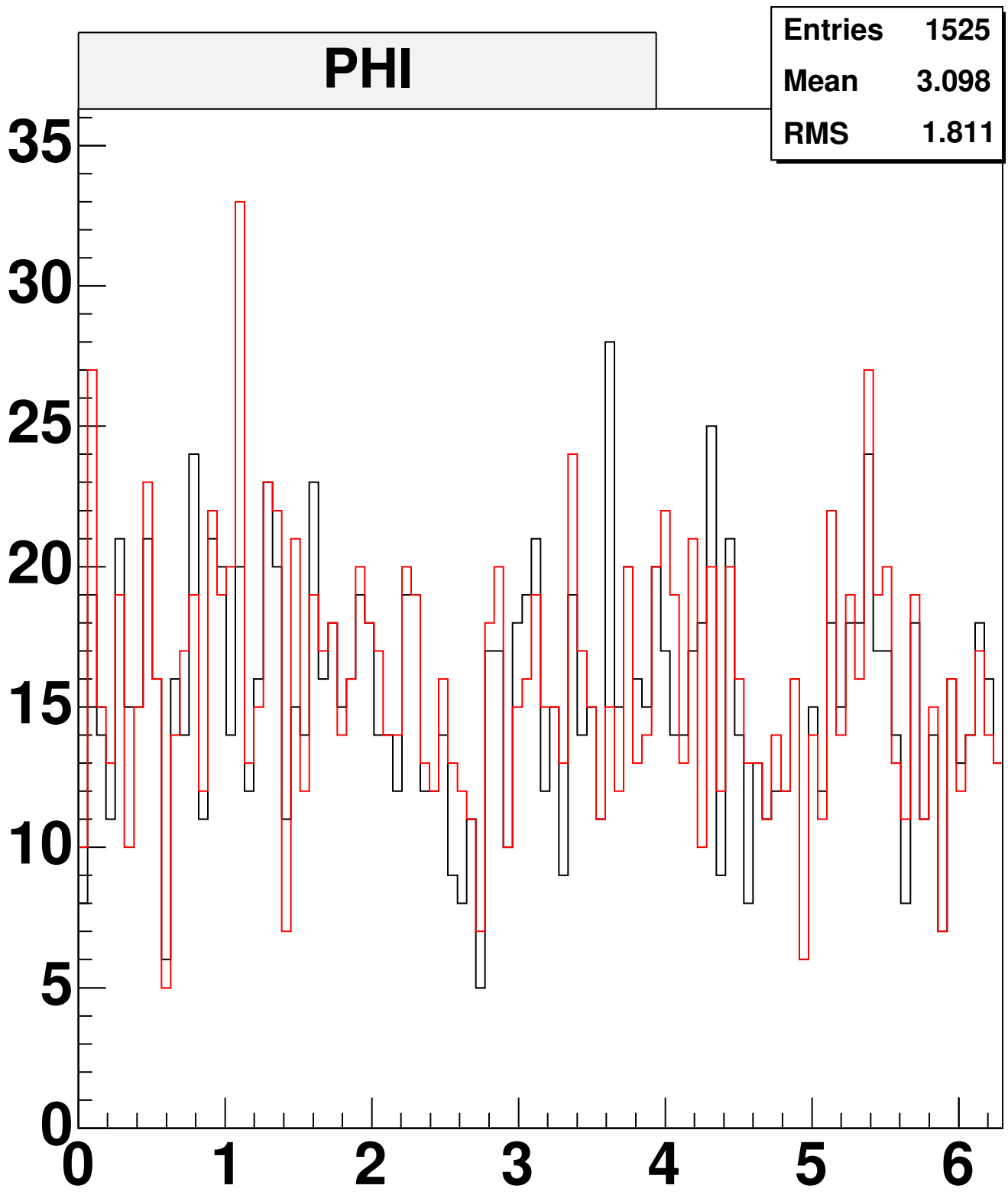








SmtClusters (HDiskClusters)


PHI
Entries 1525
Mean 3.098
RMS 1.811
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30
25
20
15
10
5
0
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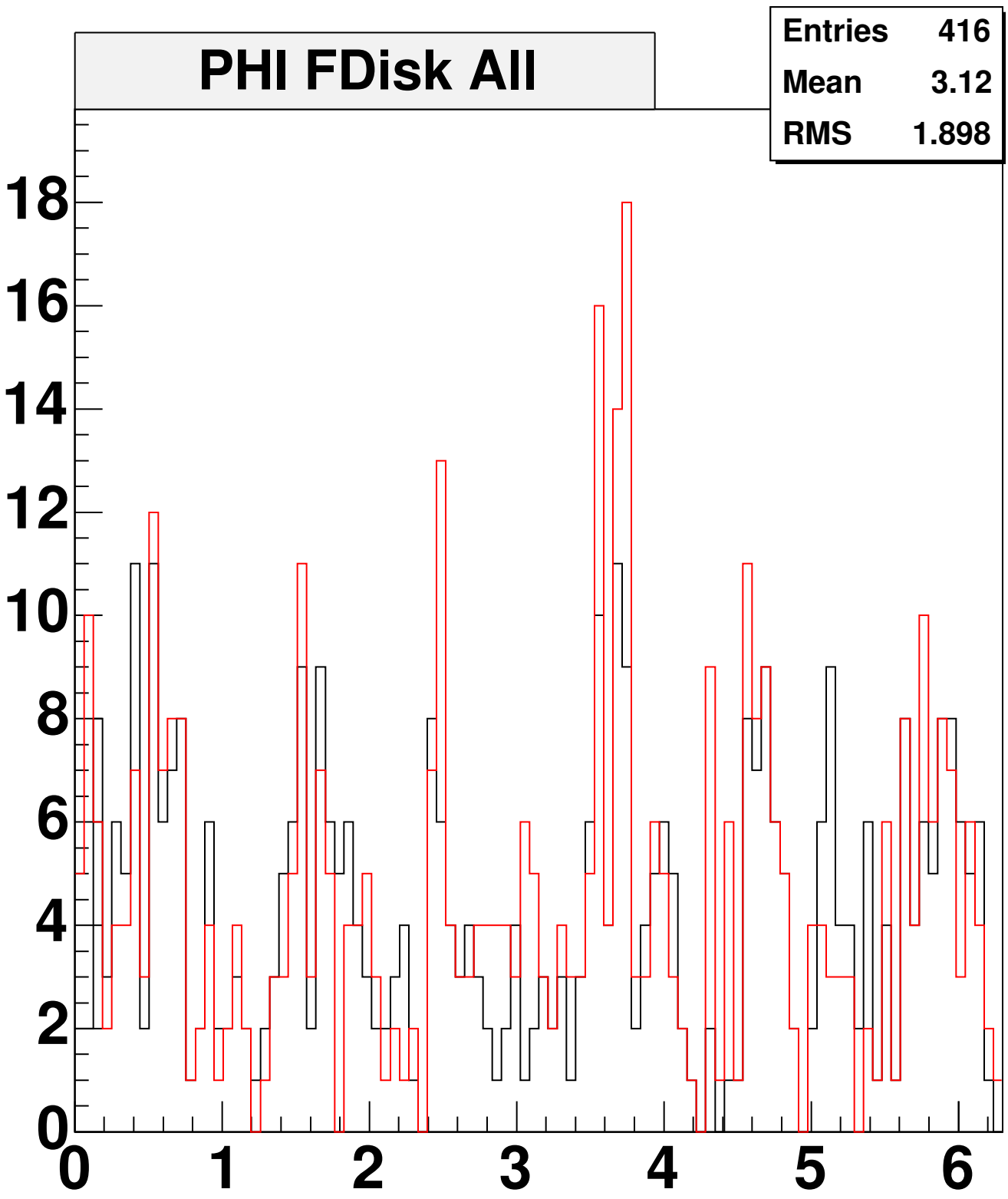
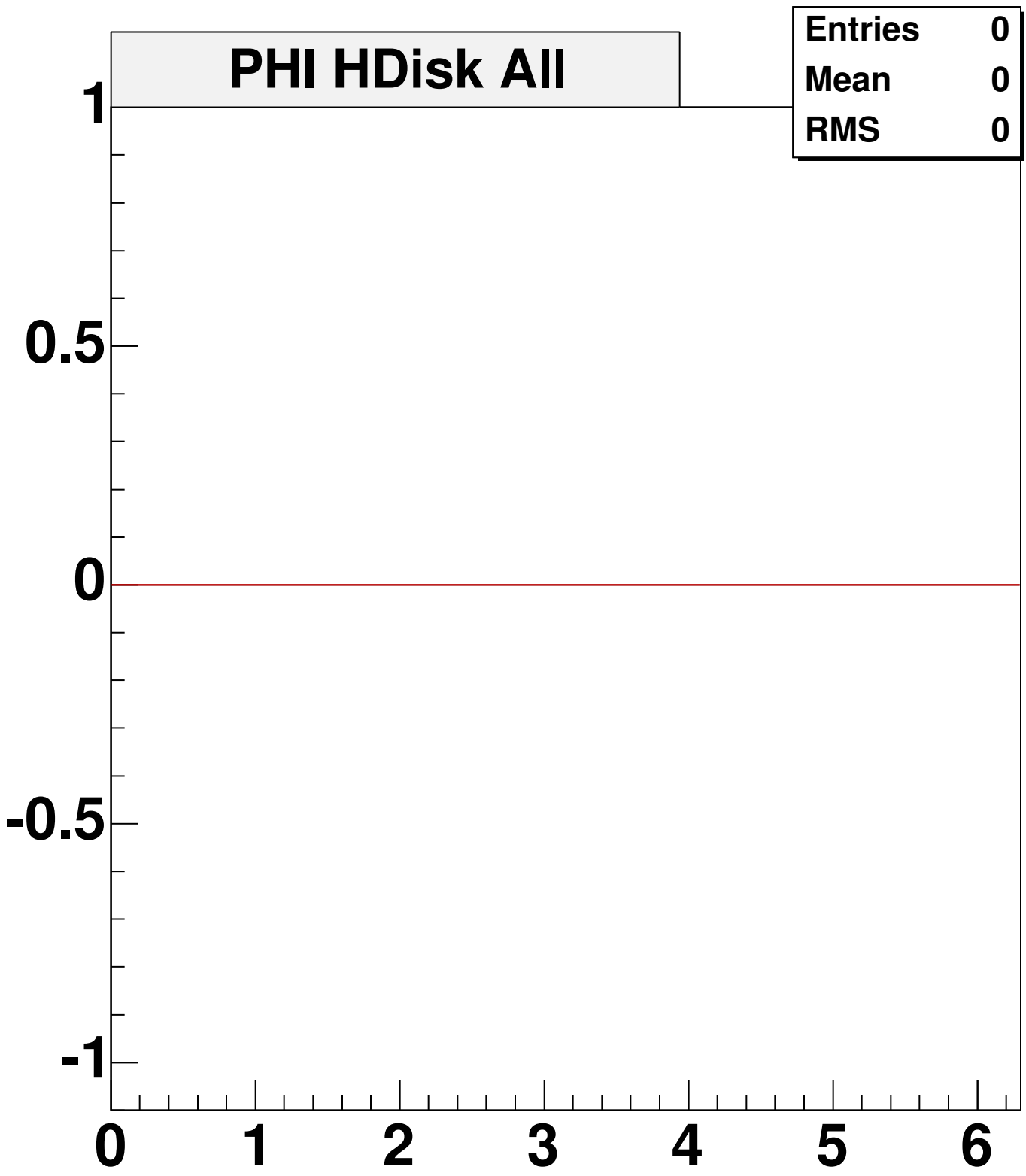
1
2
3
4
5
6
SmtClusters (allBarTClusters)


PHI FDisk All
Entries 416
Mean 3.12
RMS 1.898
0
2
4
6
8
10
12
14
16
18
0
1
2
3
4
5
6
SmtClusters (allFDiskTClusters)


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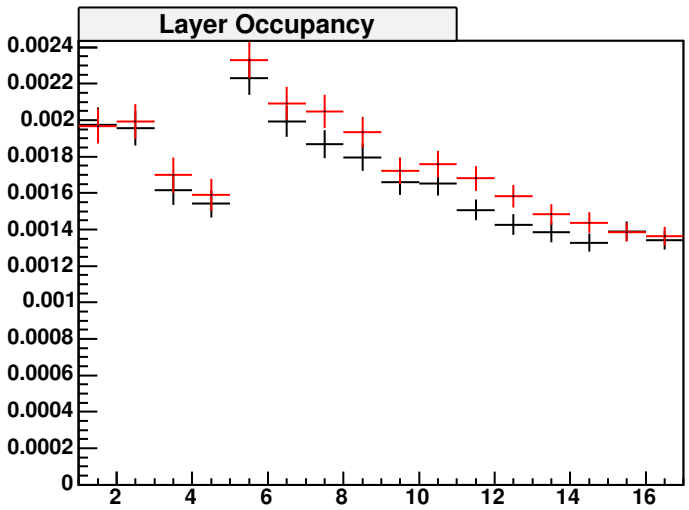
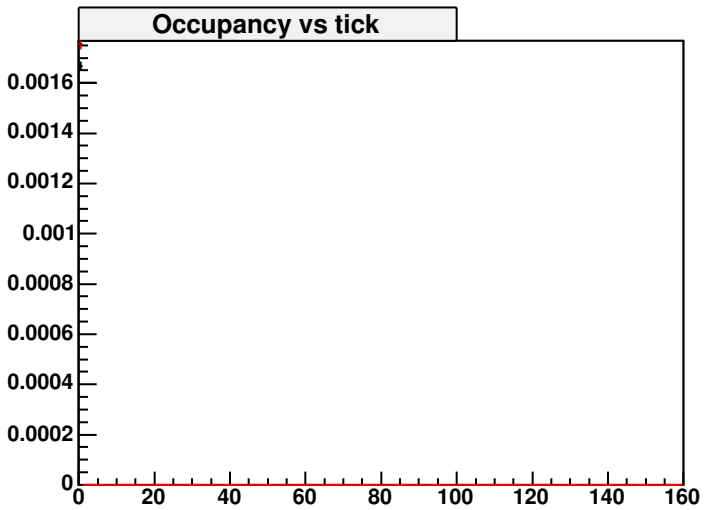
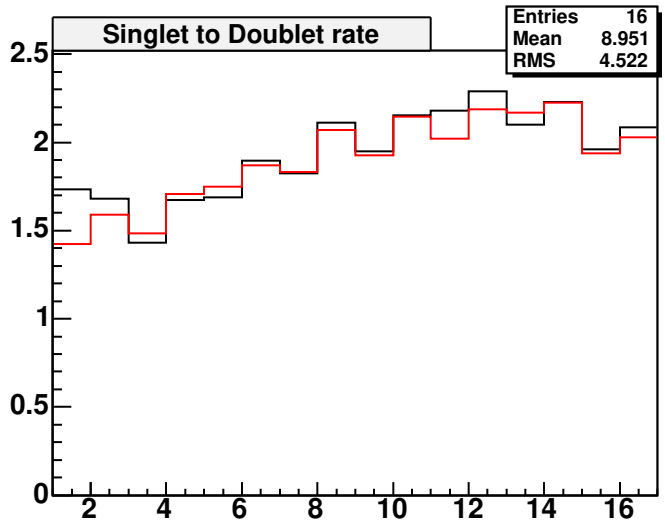
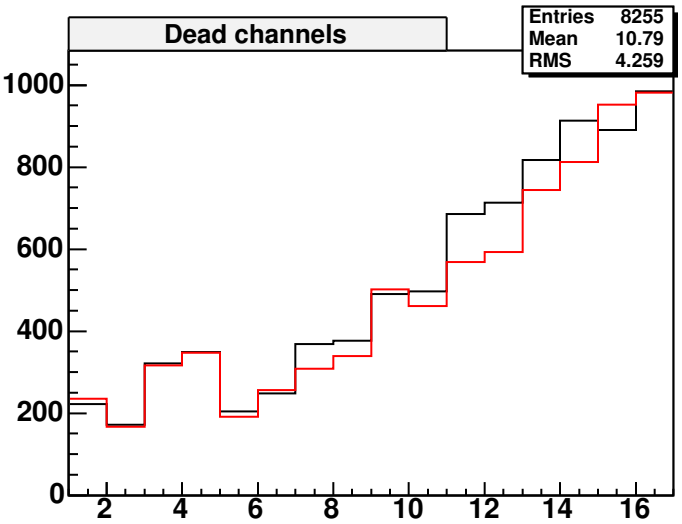
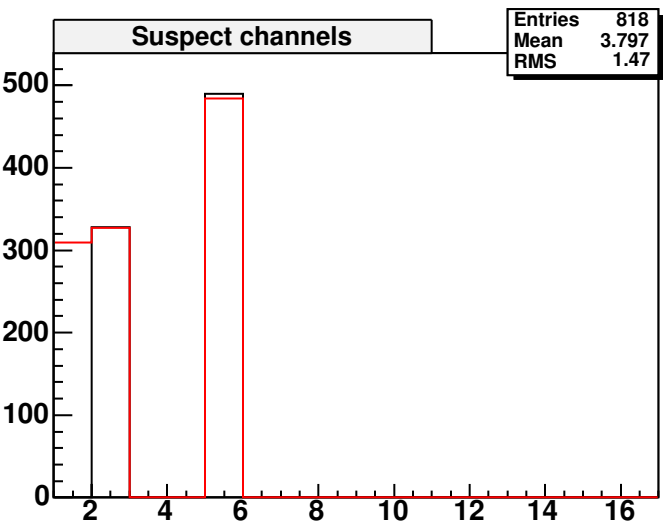
6
SmtClusters (allHDiskTClusters)

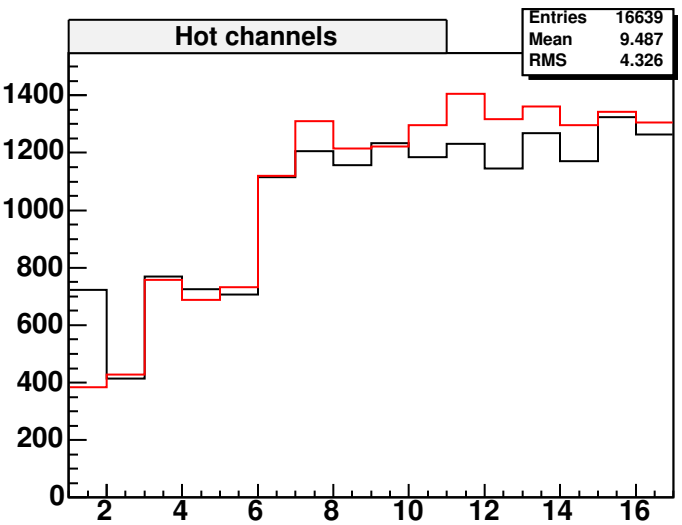




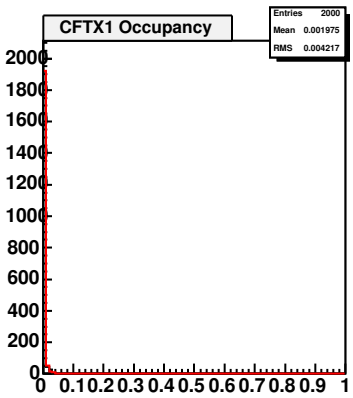


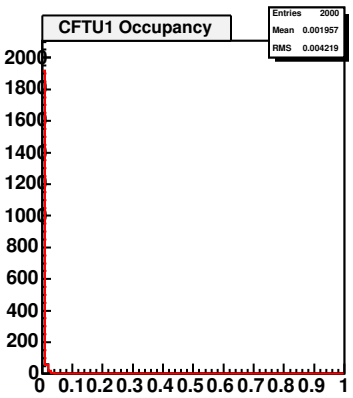


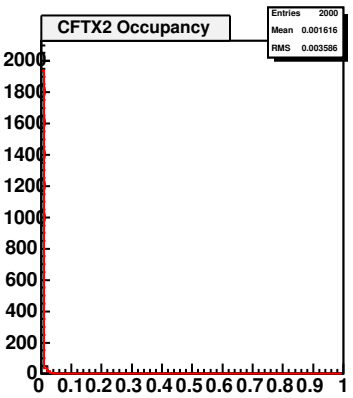


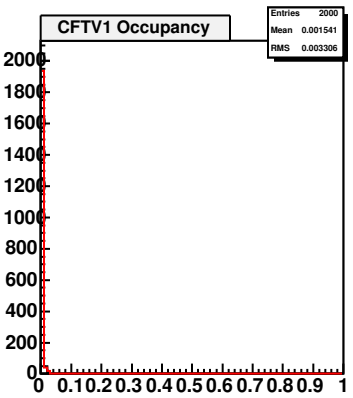


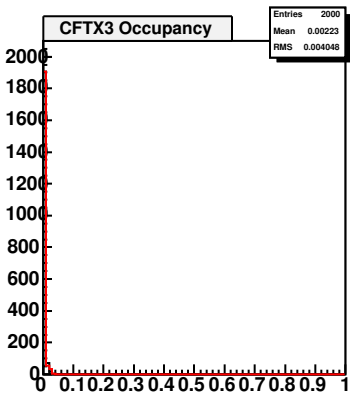
CFT Summary (All Clusters)

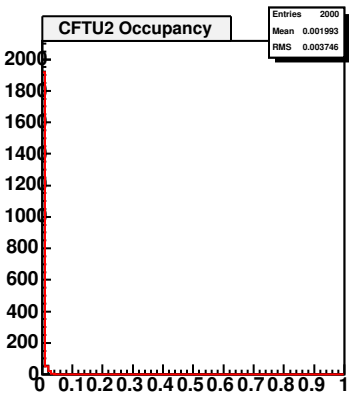


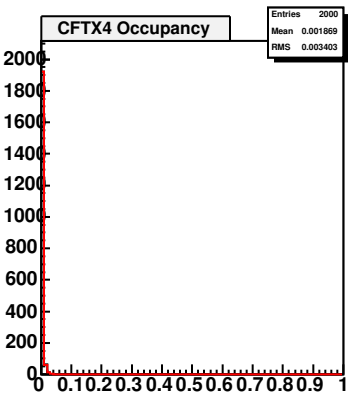


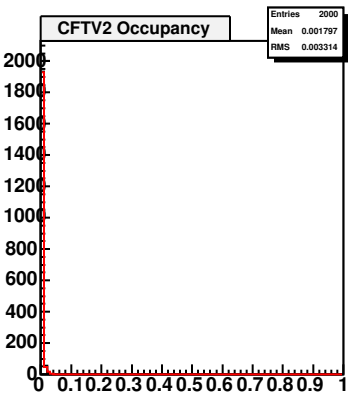


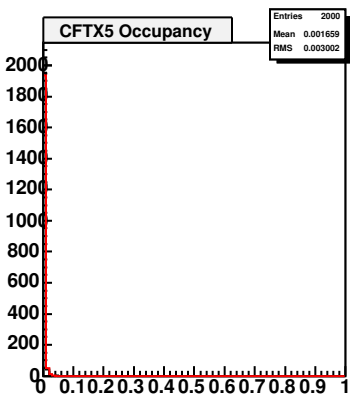


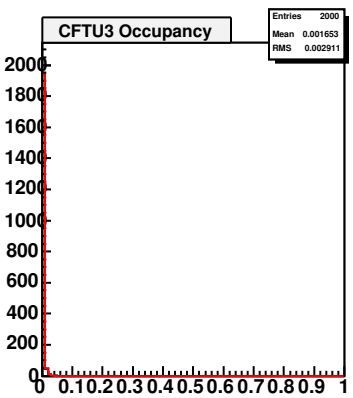


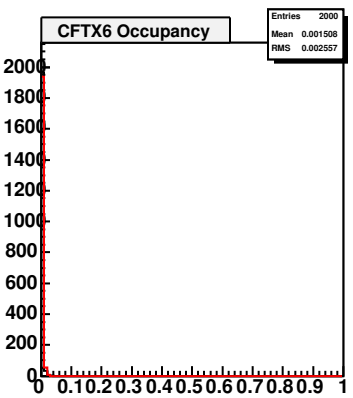


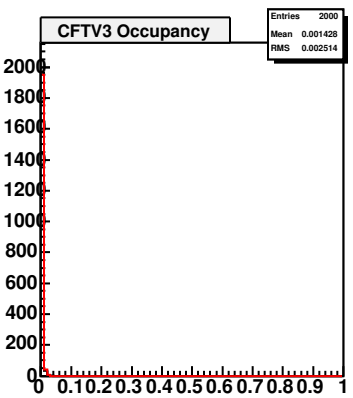


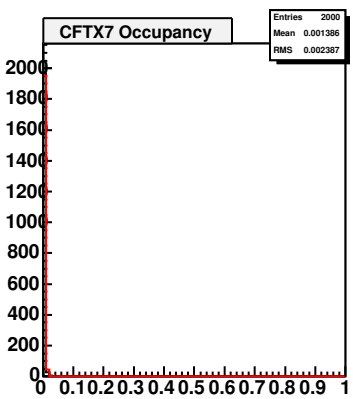


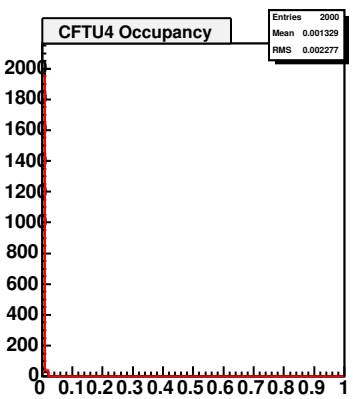


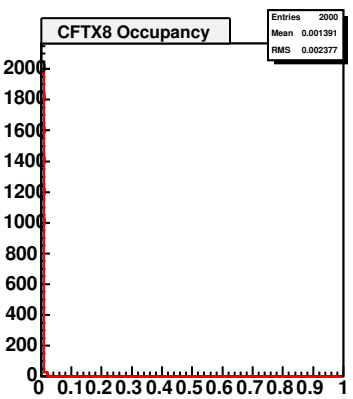


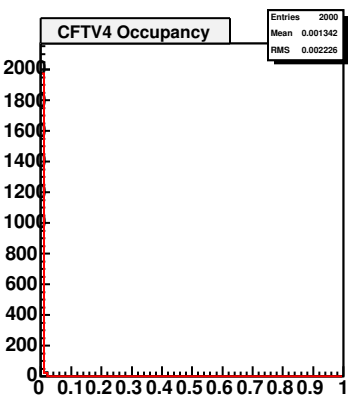




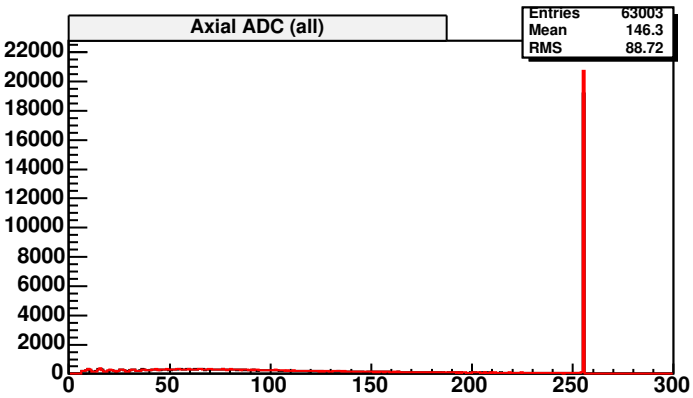


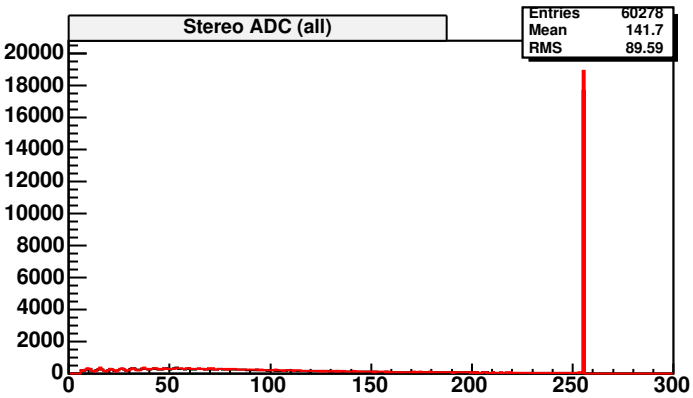


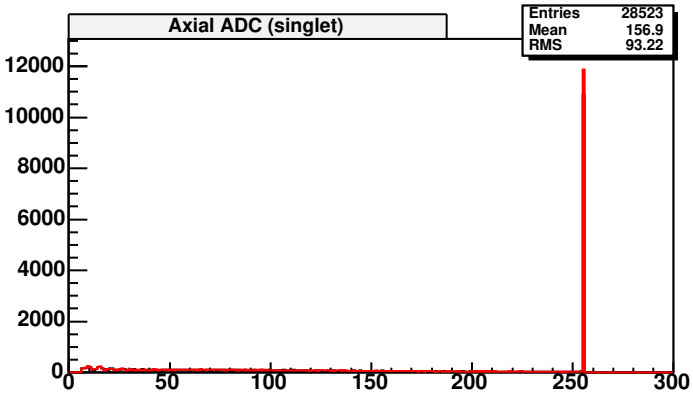


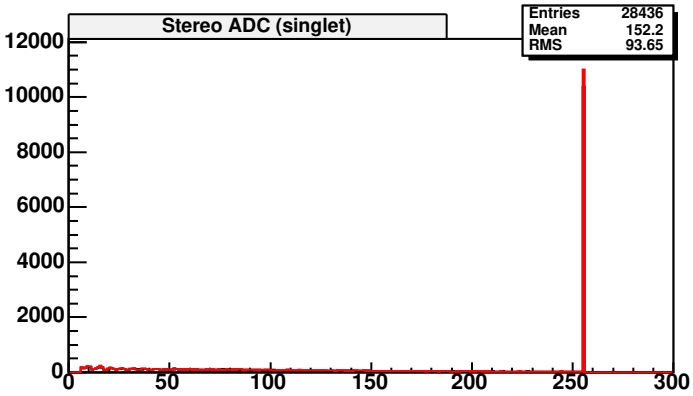


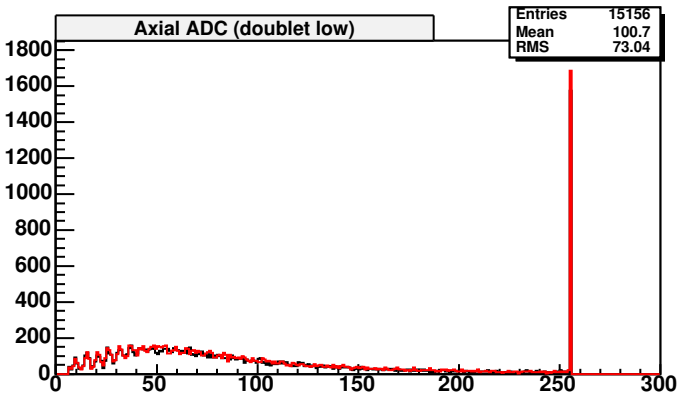
Cft Occupancy (All Clusters)

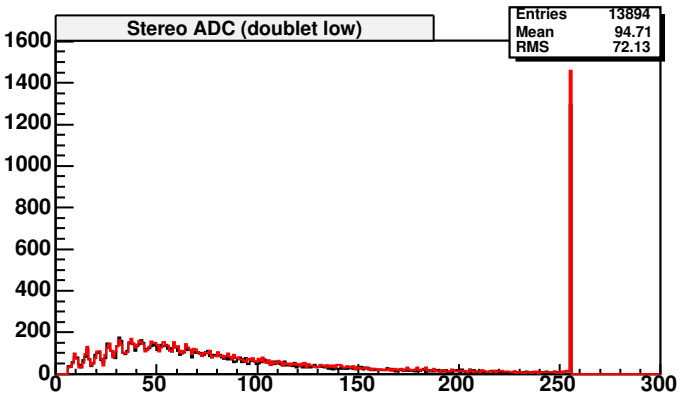


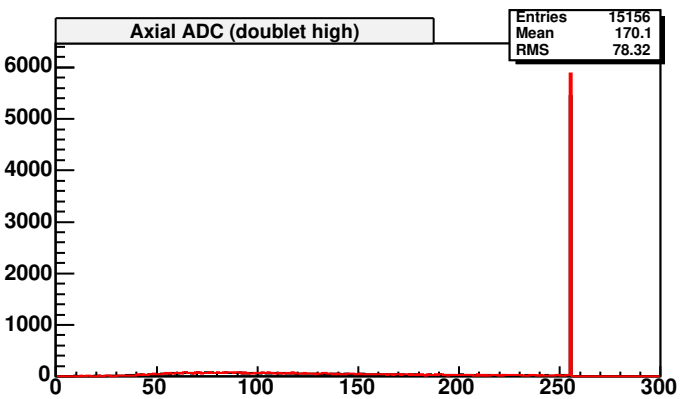


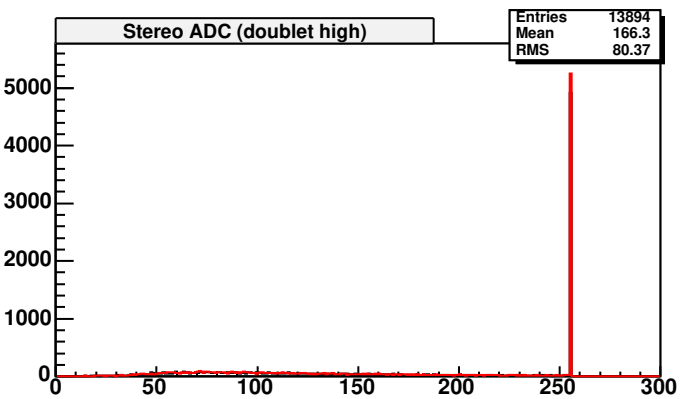




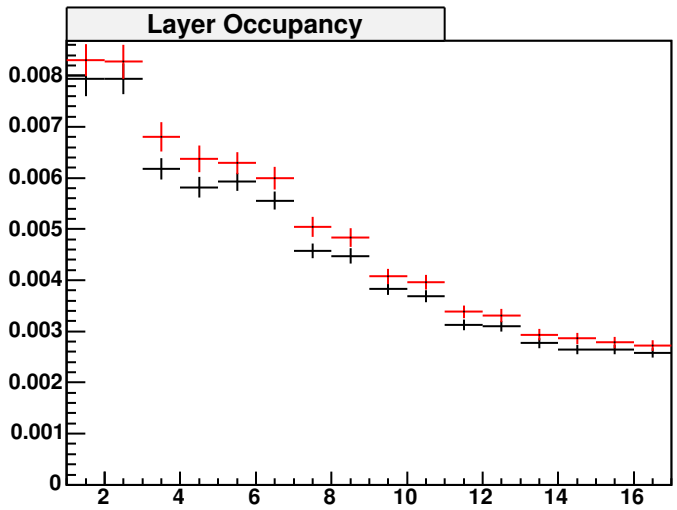


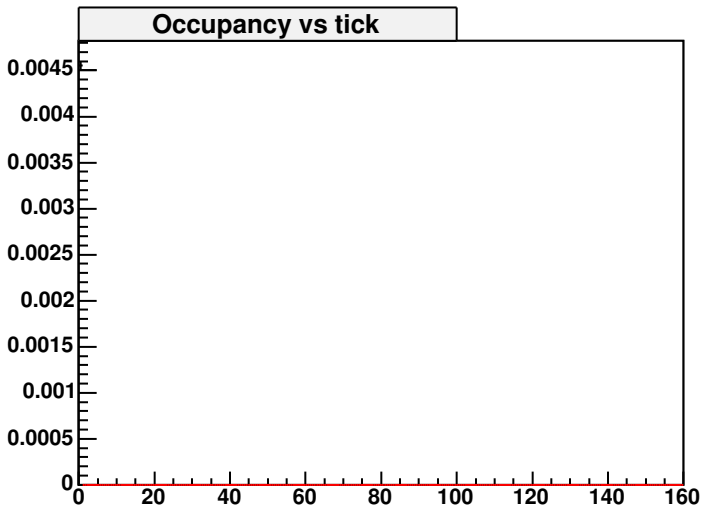


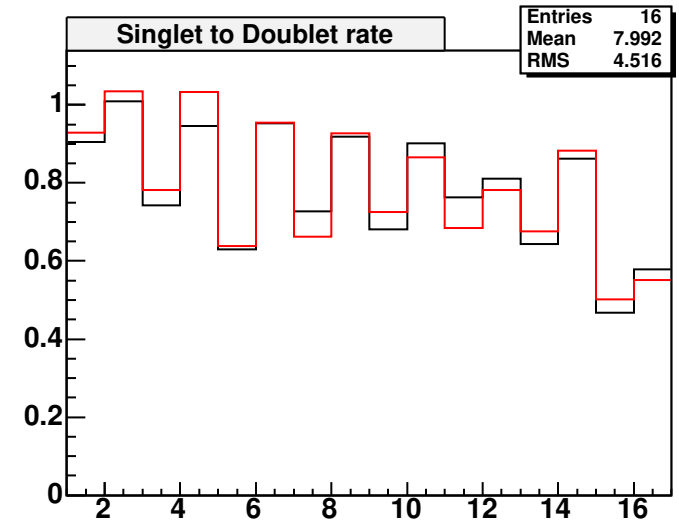


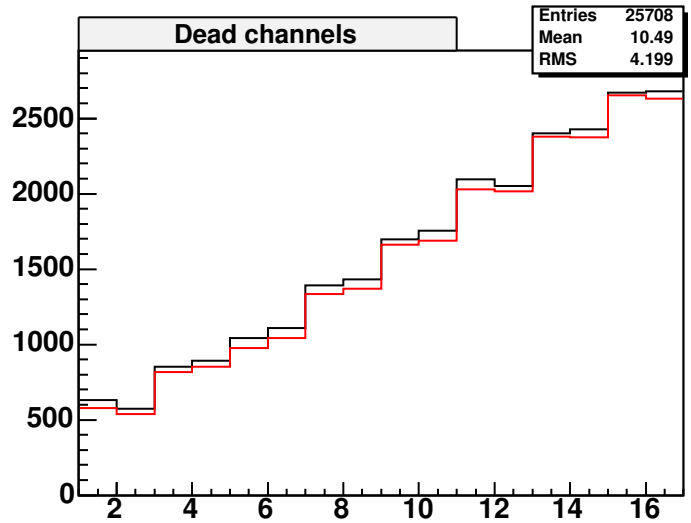


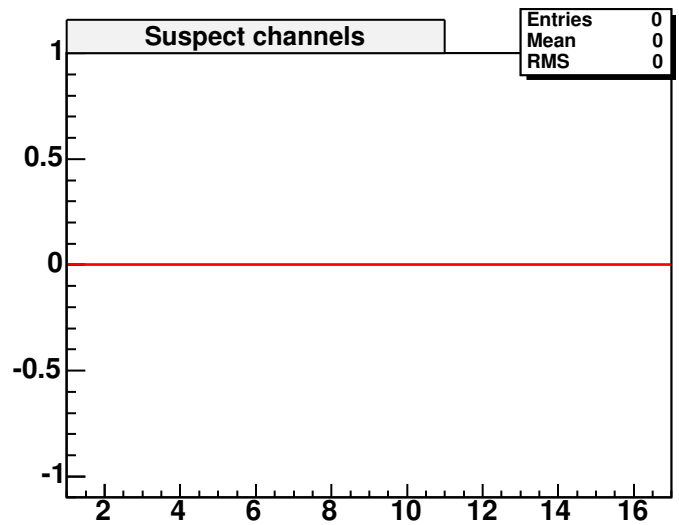
CFT ADC Summary (All Clusters)

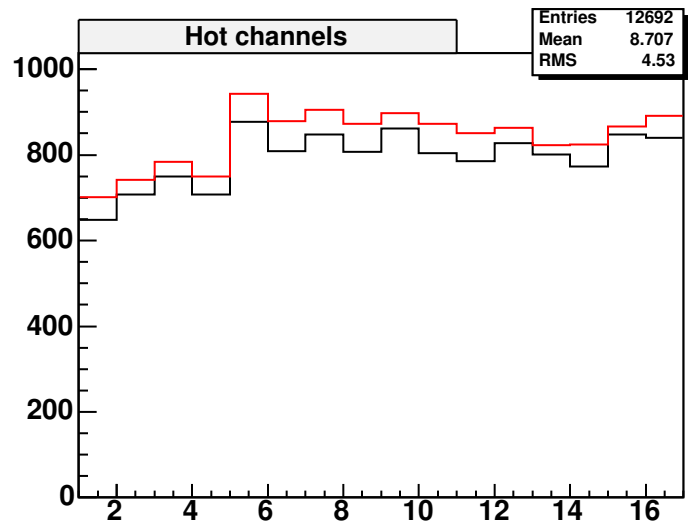




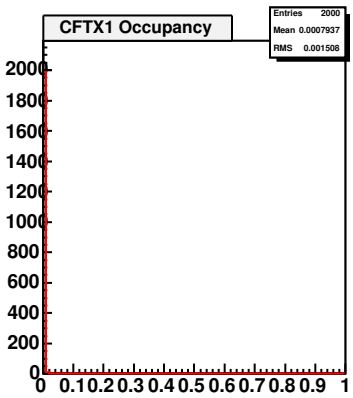


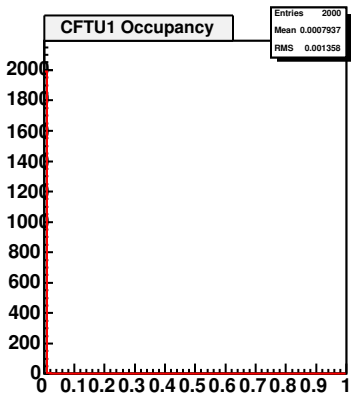


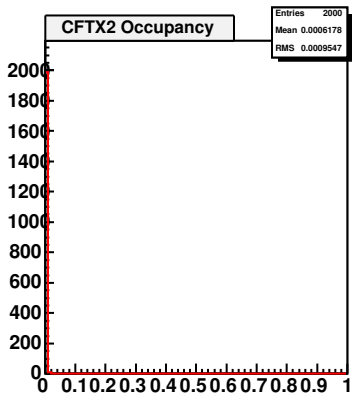


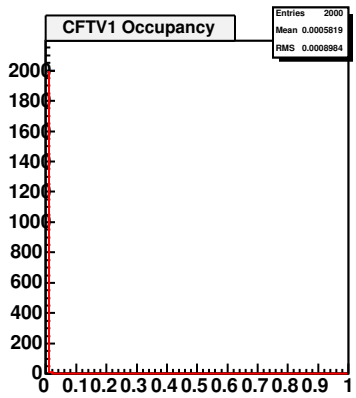


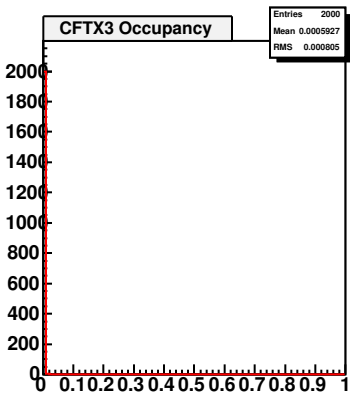
CFT Summary (Clusters on tracks)

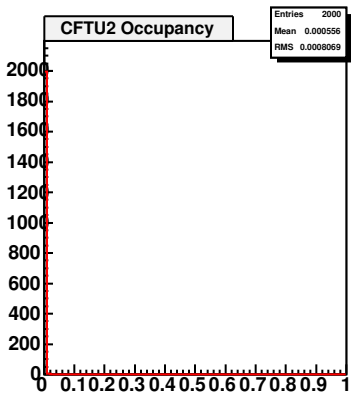


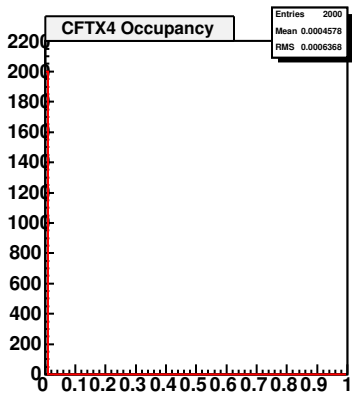


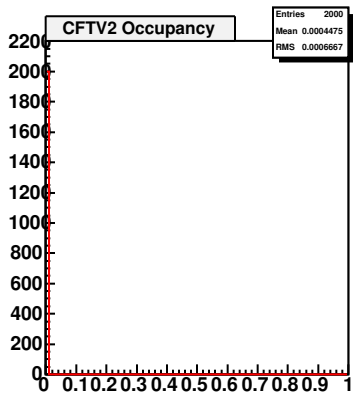


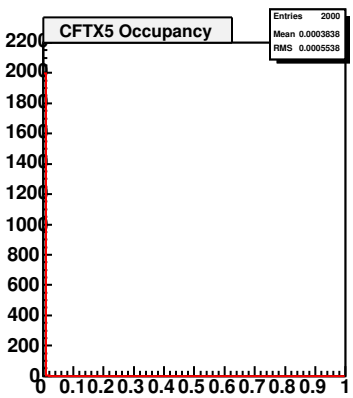


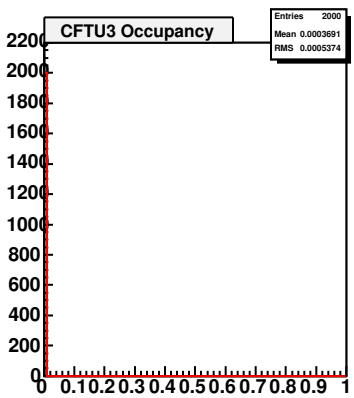


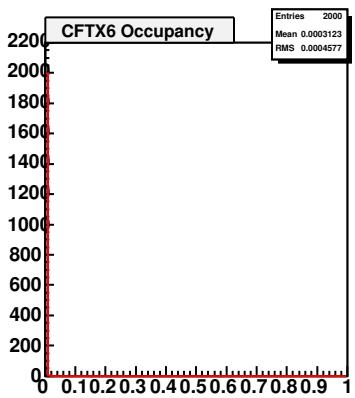


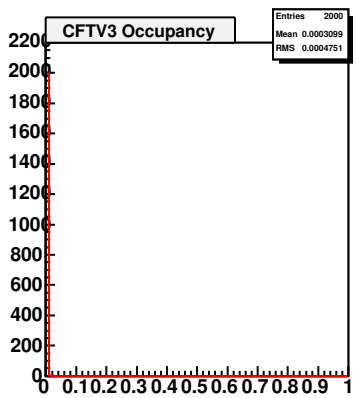


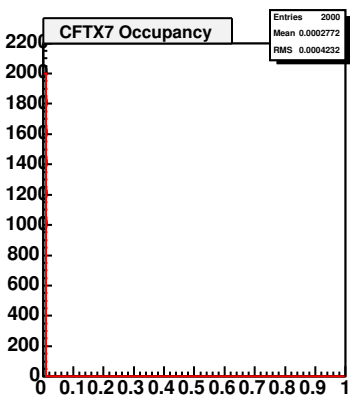


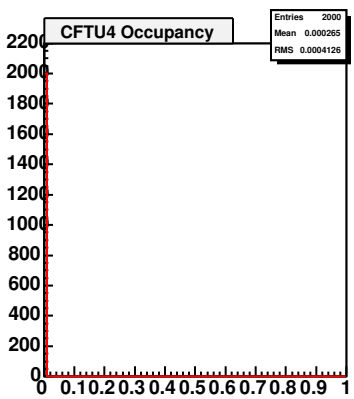


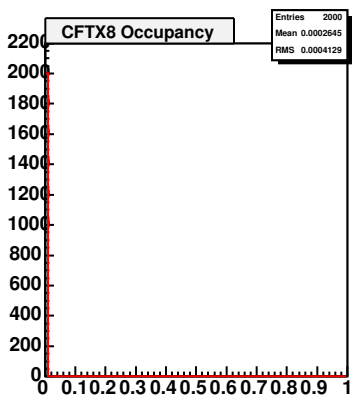


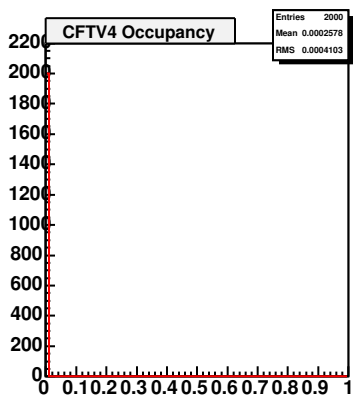




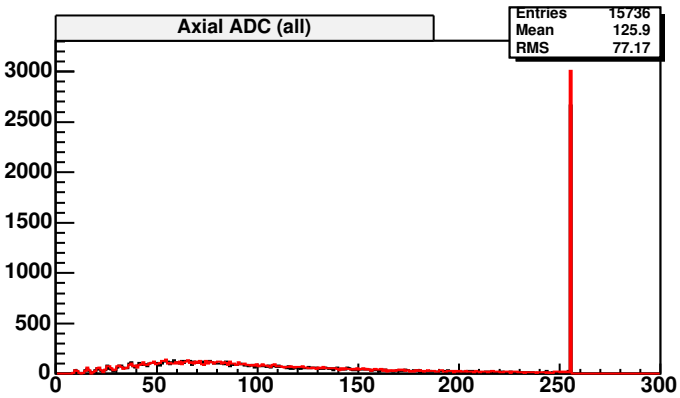


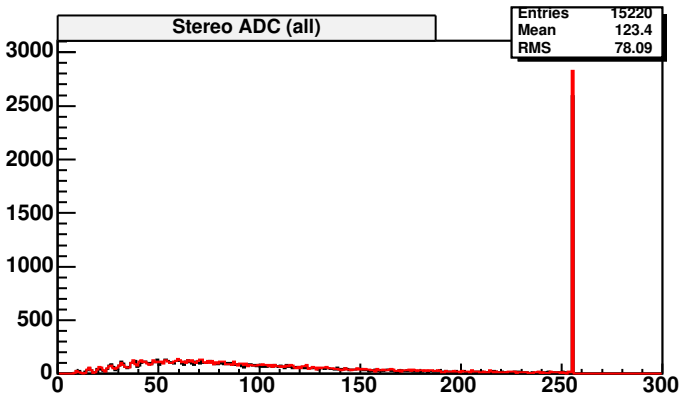


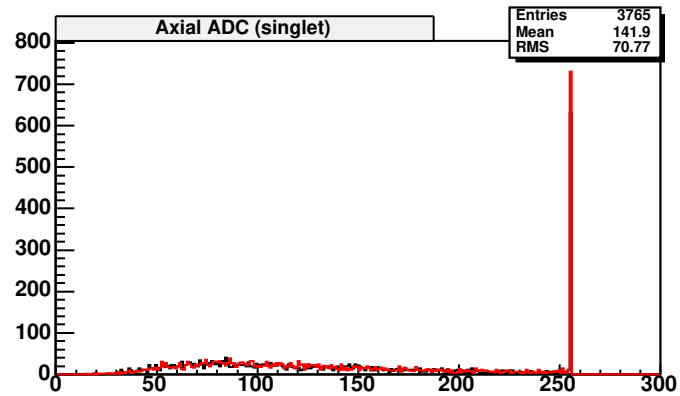


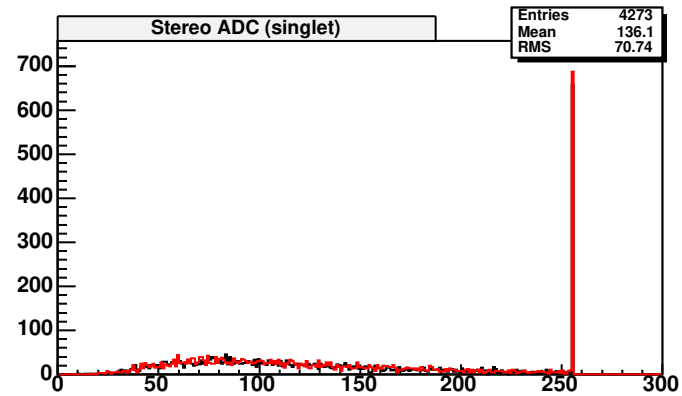


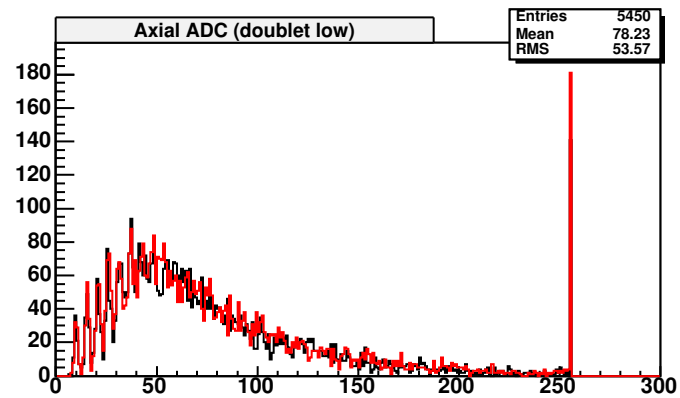
Cft Occupancy (Clusters on tracks)

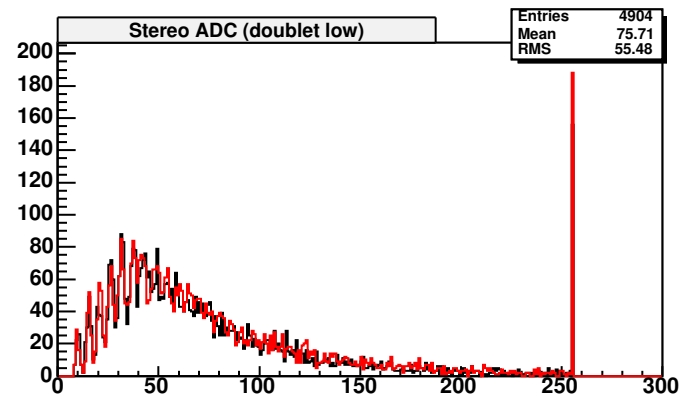


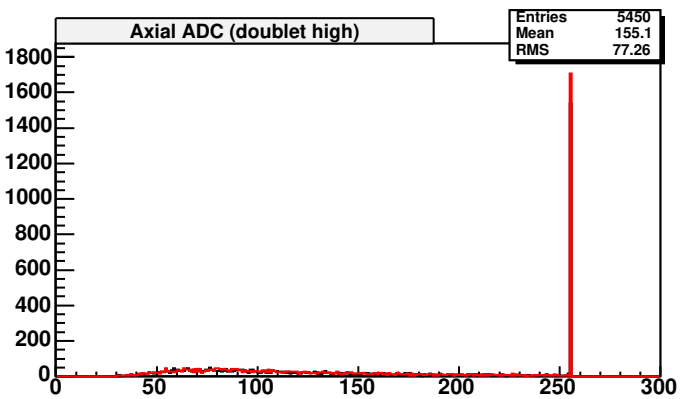


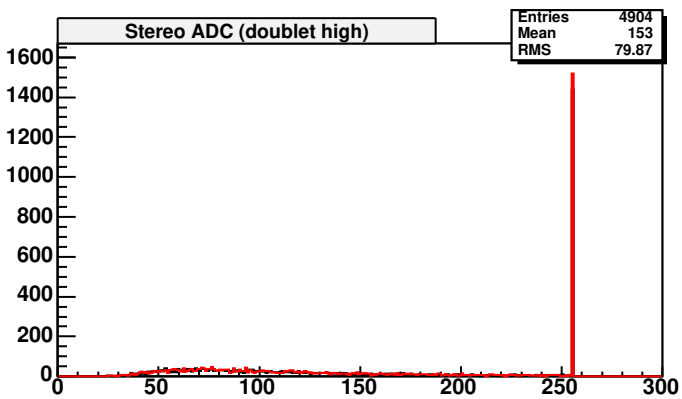




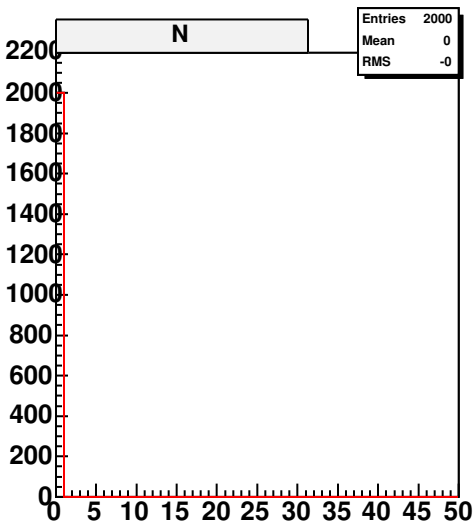








CFT ADC Summary (Clusters on tracks)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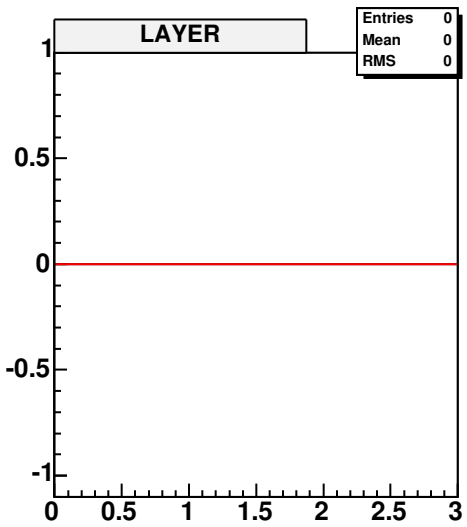
Mean 0
RMS -0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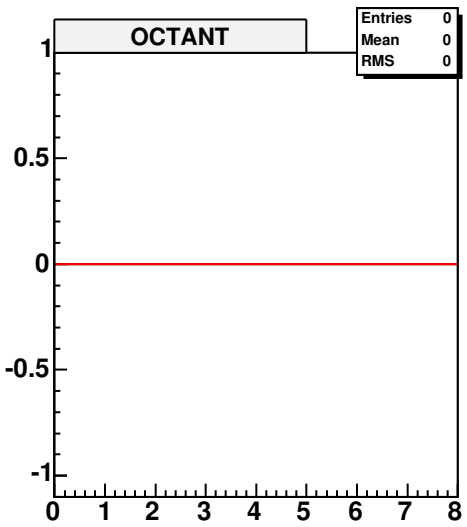
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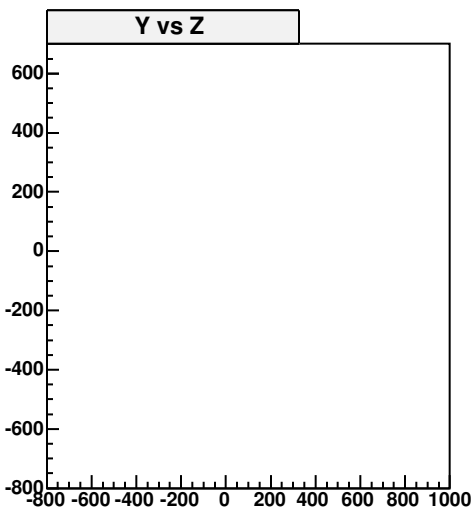
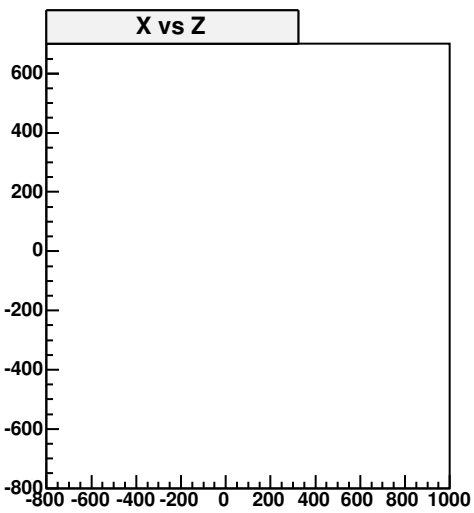
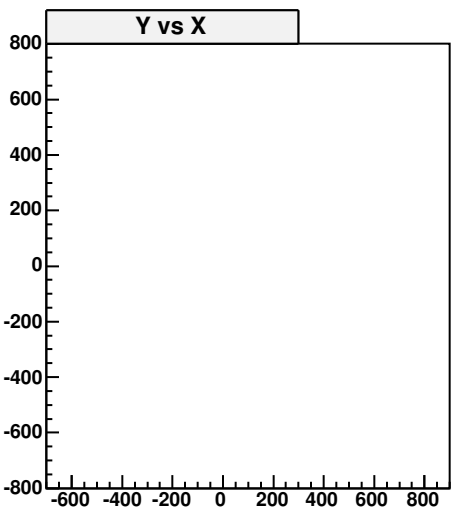

Y vs Z


X vs Z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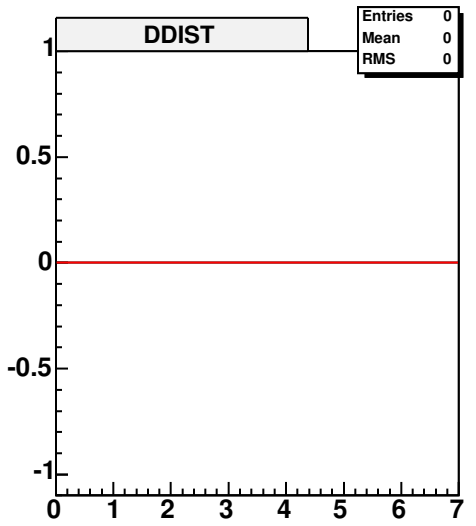
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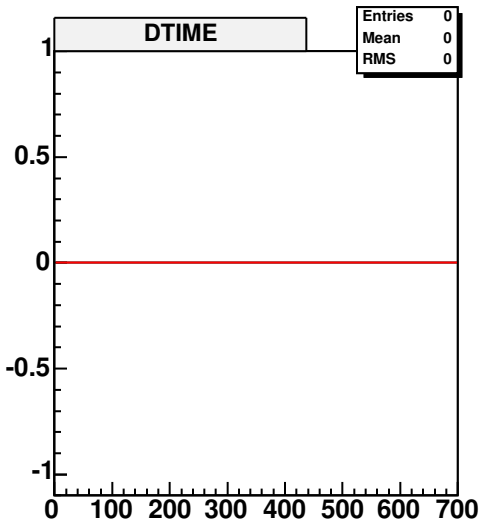
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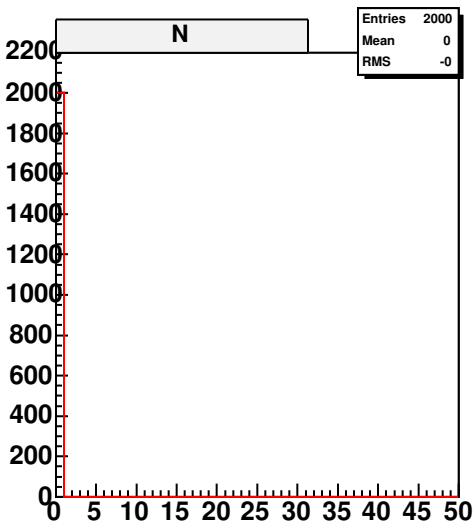
MuonPDT (All)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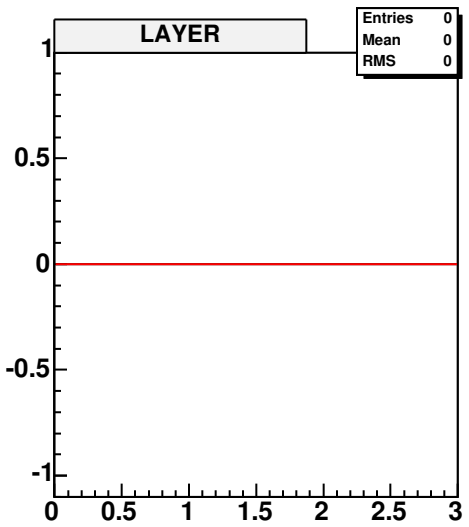
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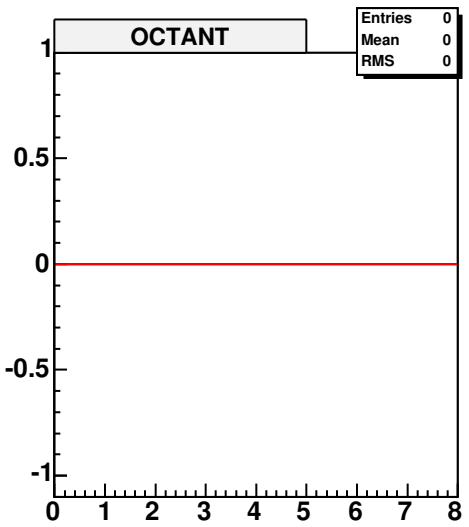
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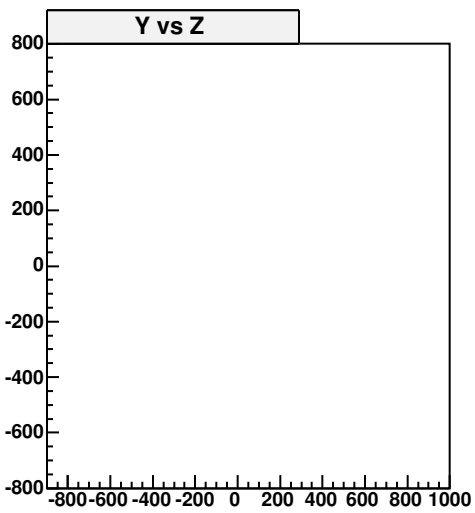
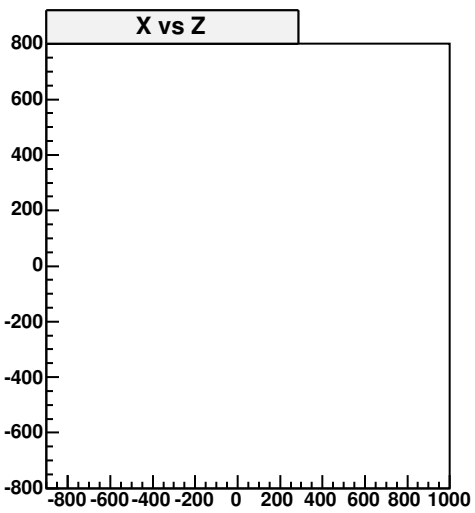
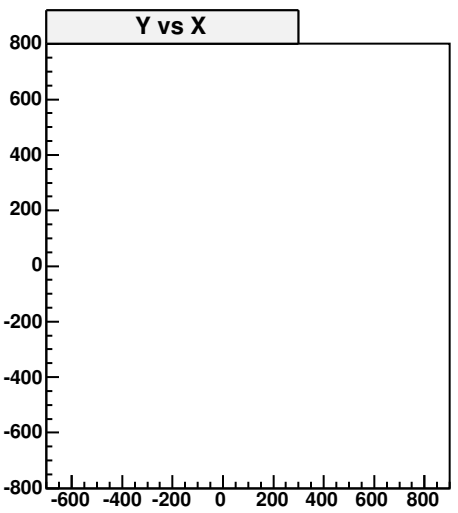
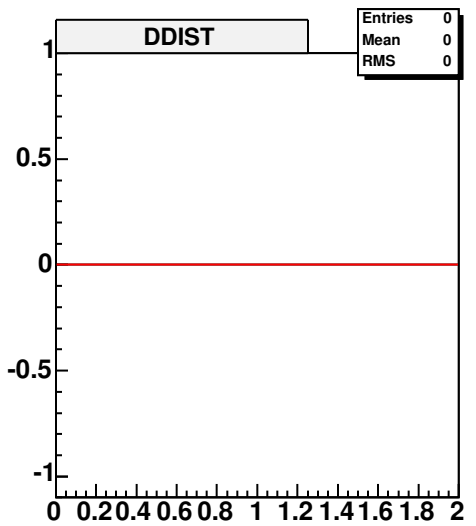

Y vs Z


X vs Z


Y vs X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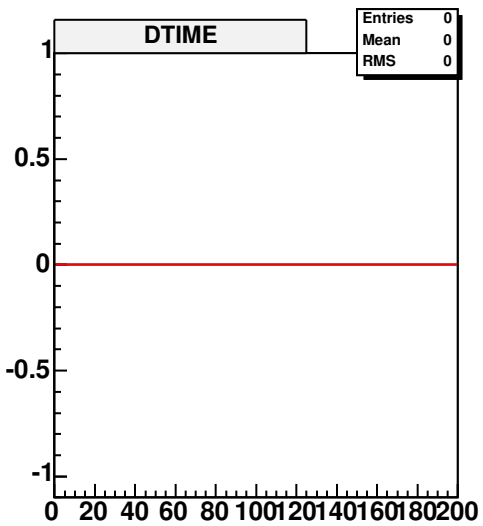
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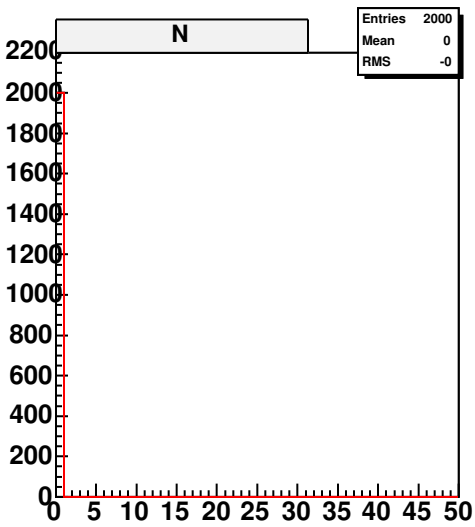
MuonMDT (All)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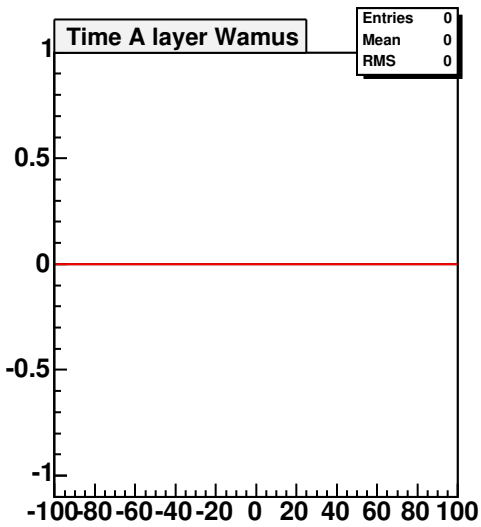
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Mean 0
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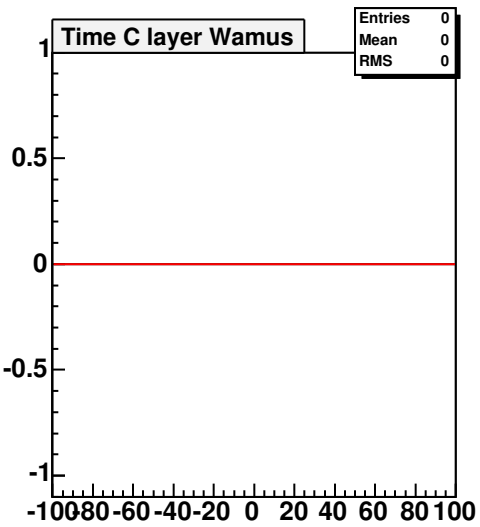
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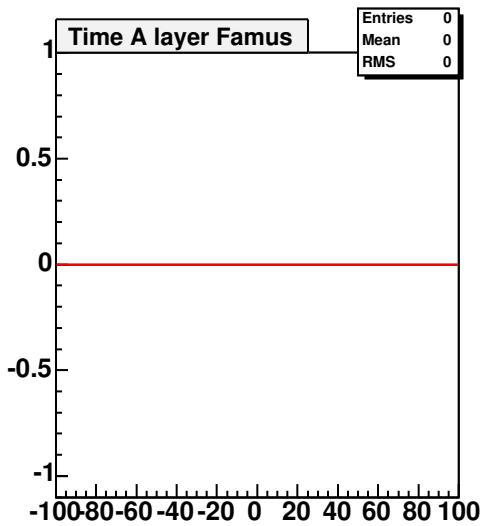
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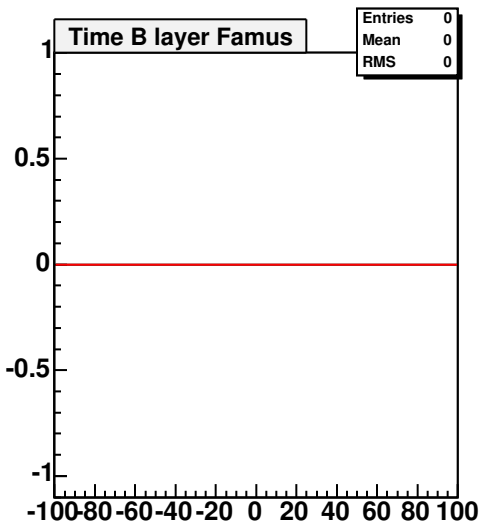
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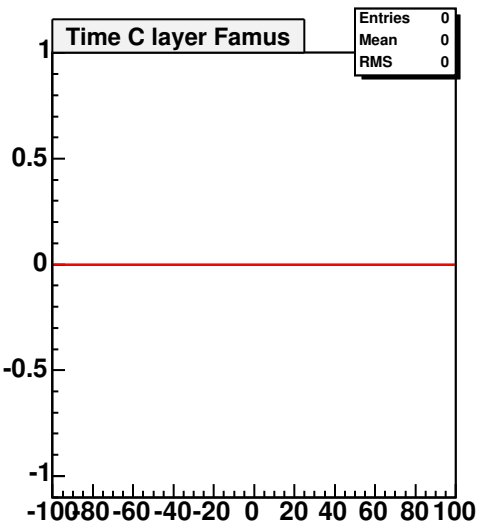
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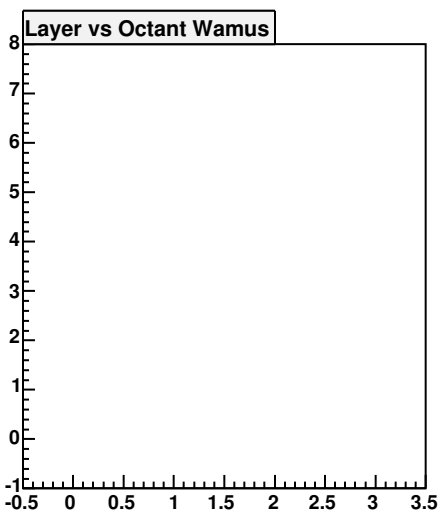
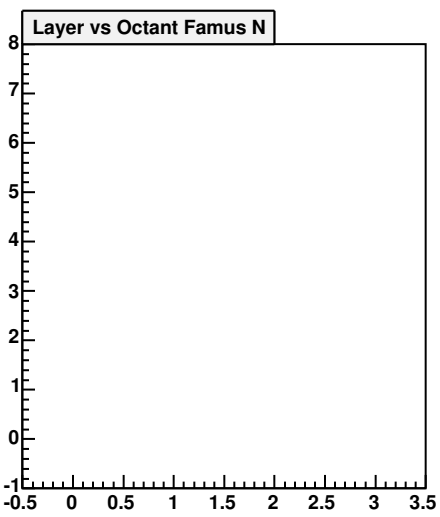

Layer vs Octant Wamus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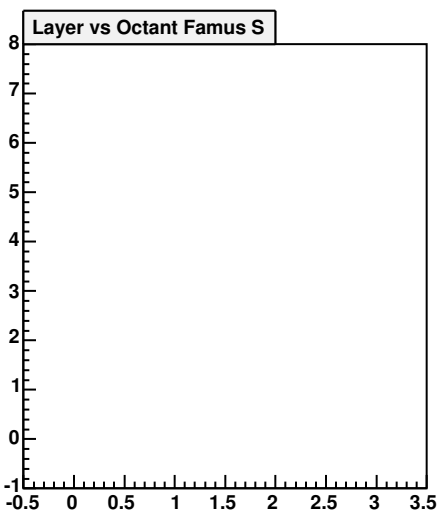
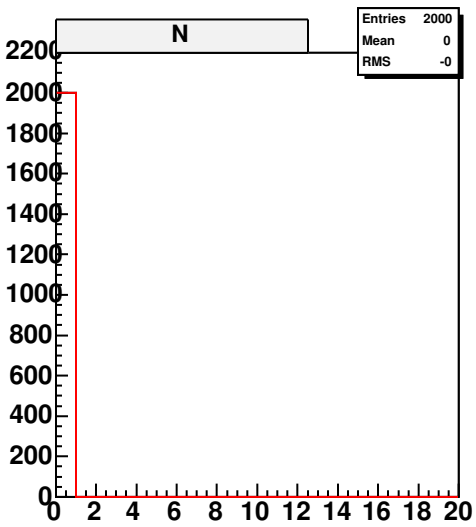
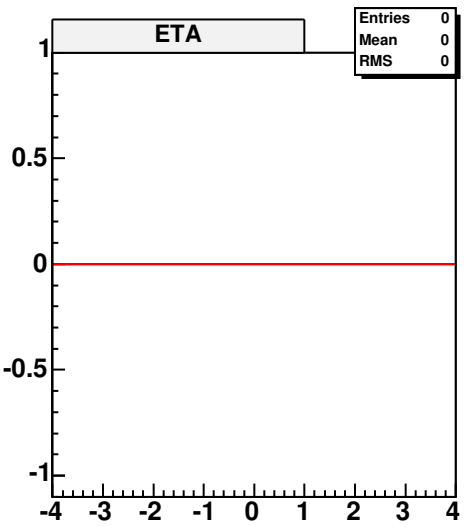
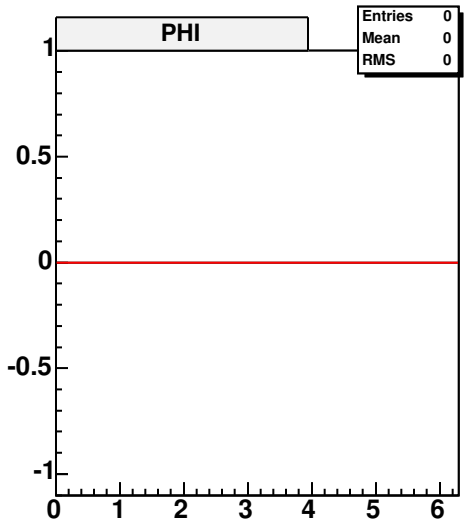
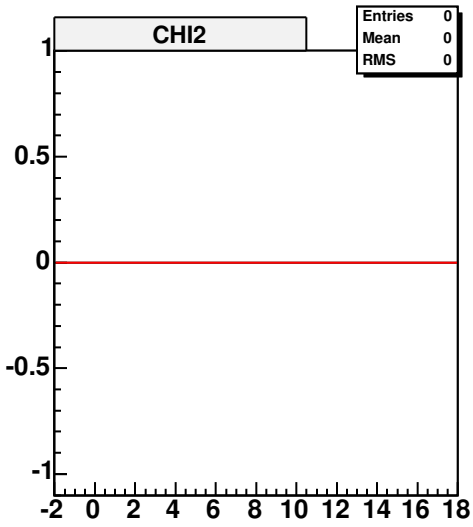

Layer vs Octant Famus S

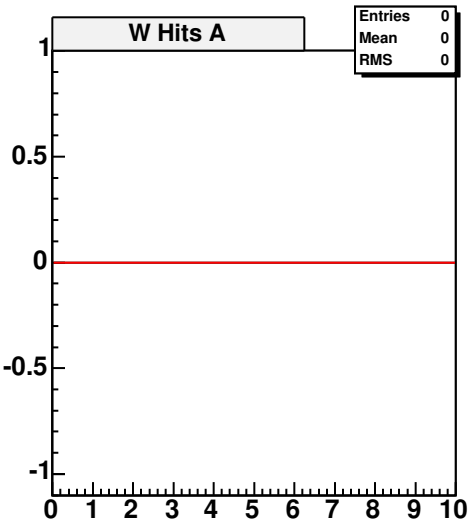
MuonMSC (All)

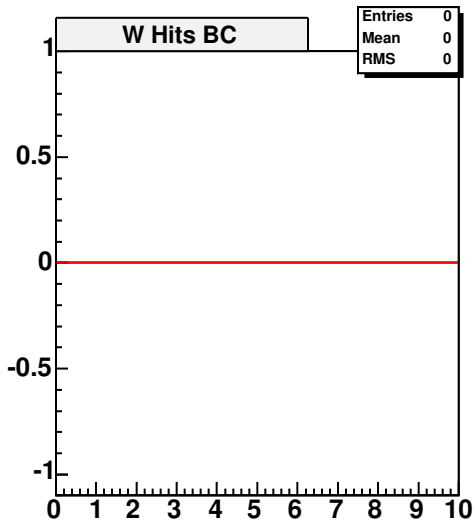


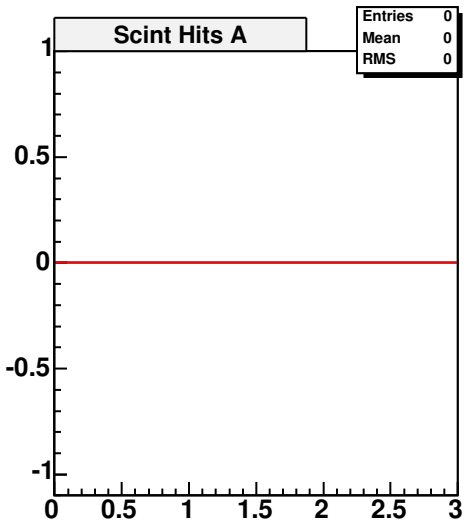


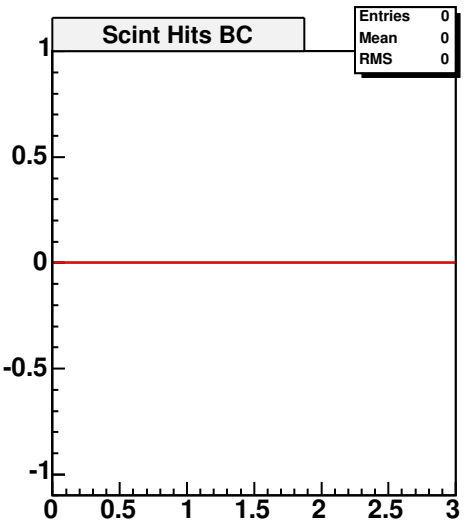




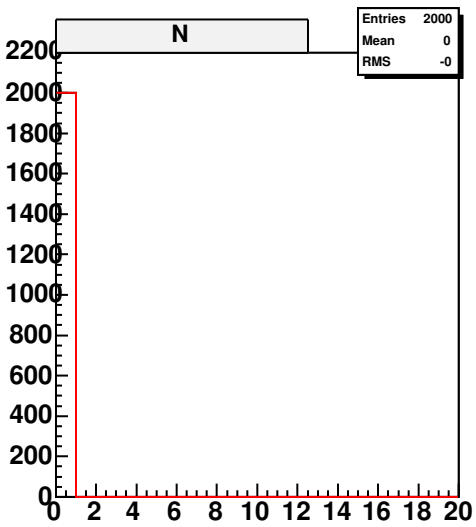


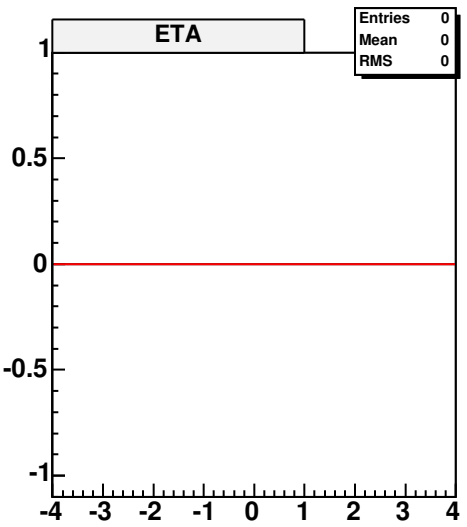


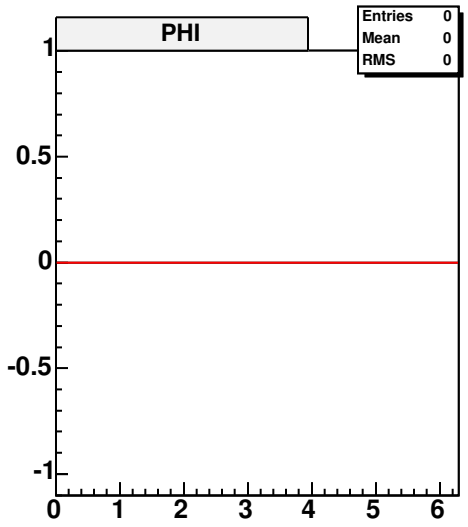


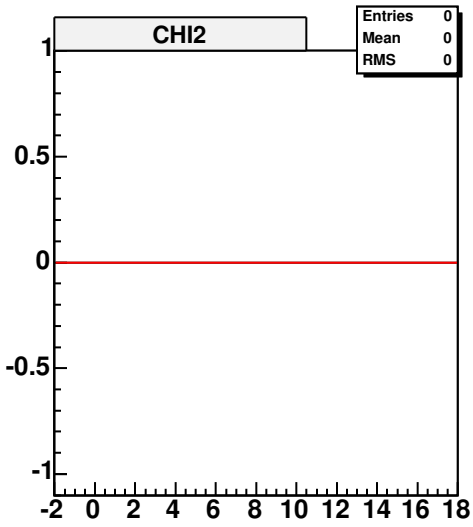


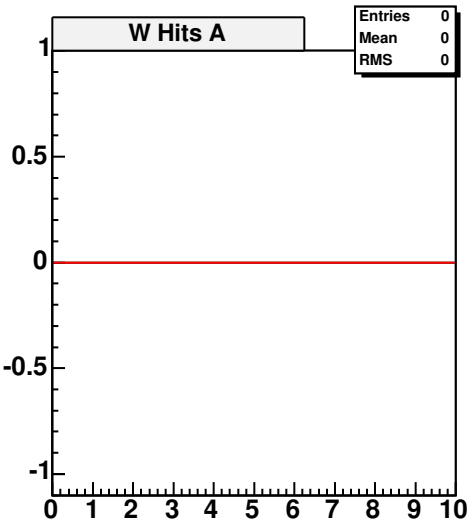
Muon Local Tracks (All)

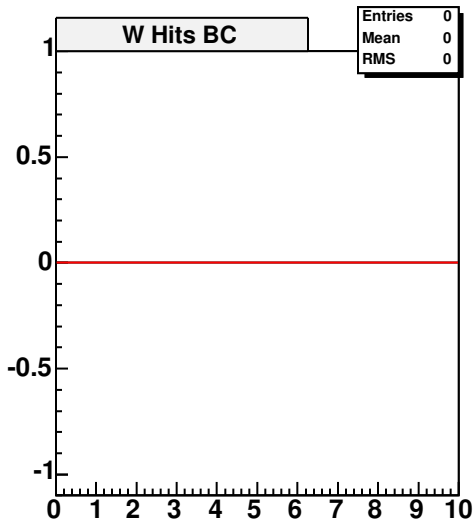


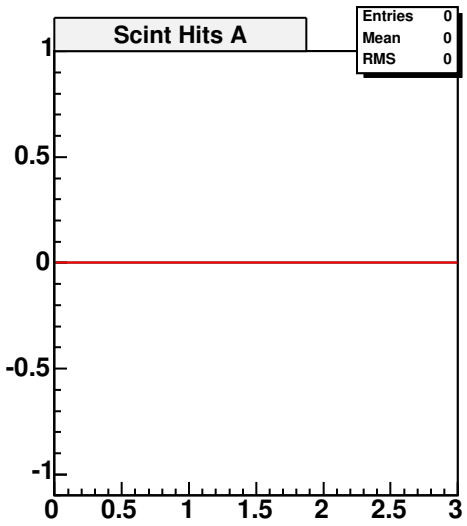


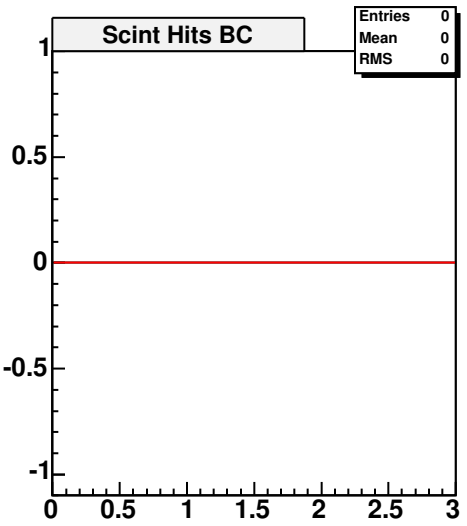




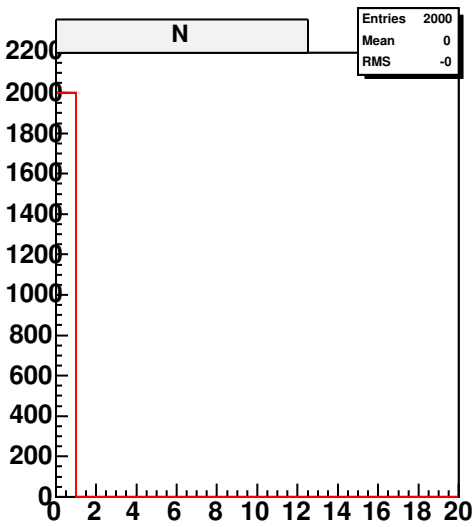


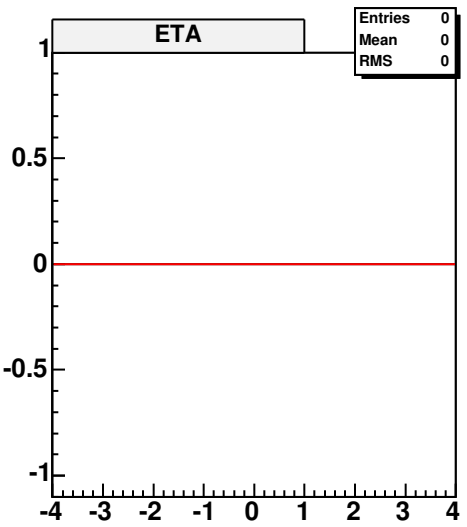


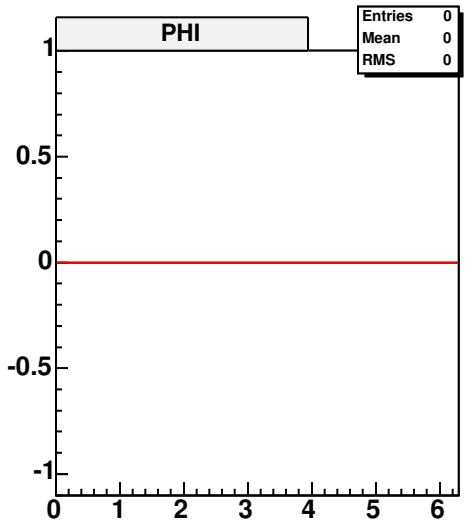


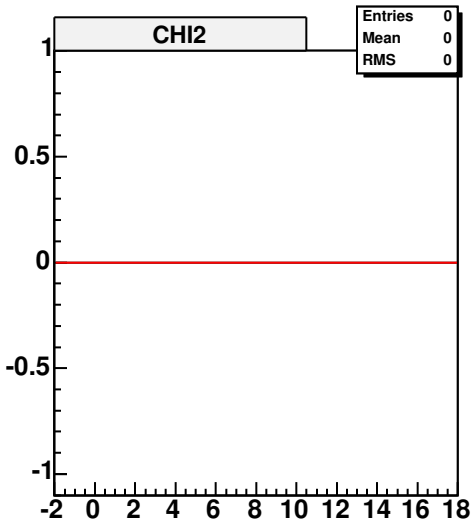


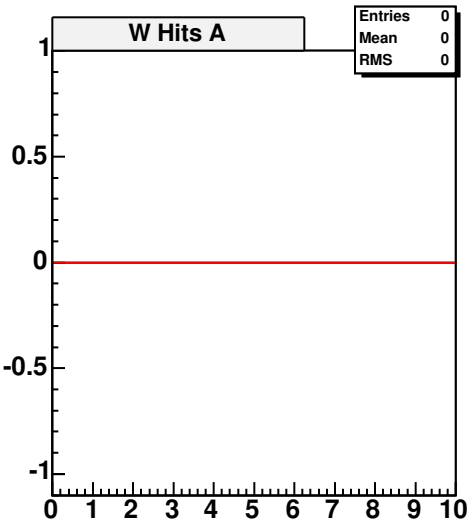
Muon Local Tracks (MediumWamus)

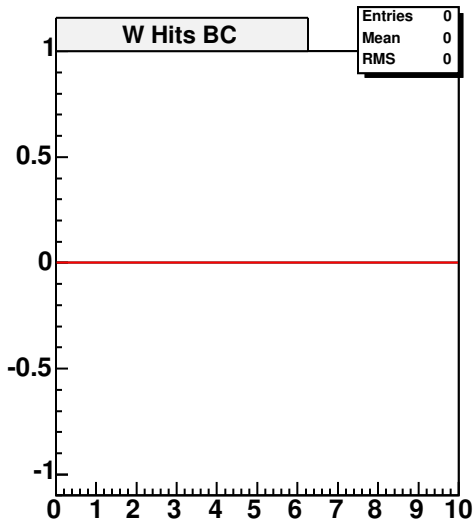


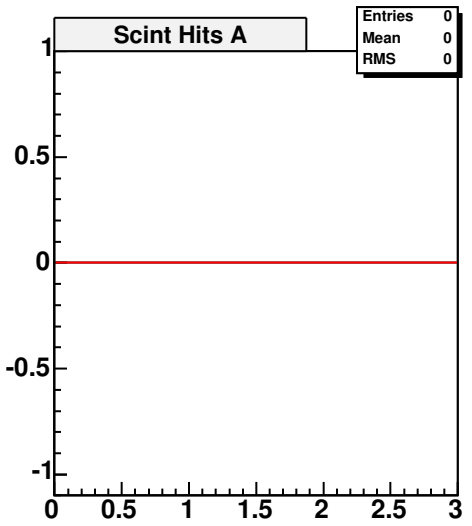


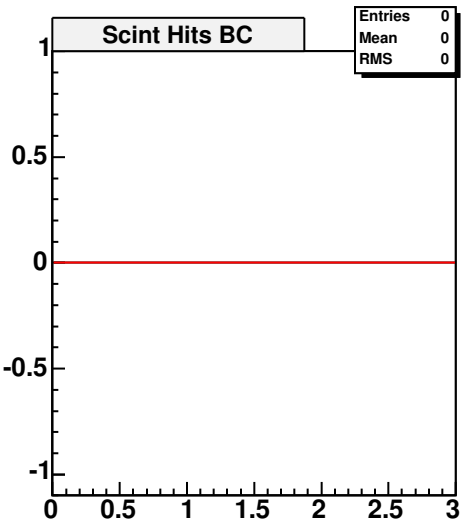




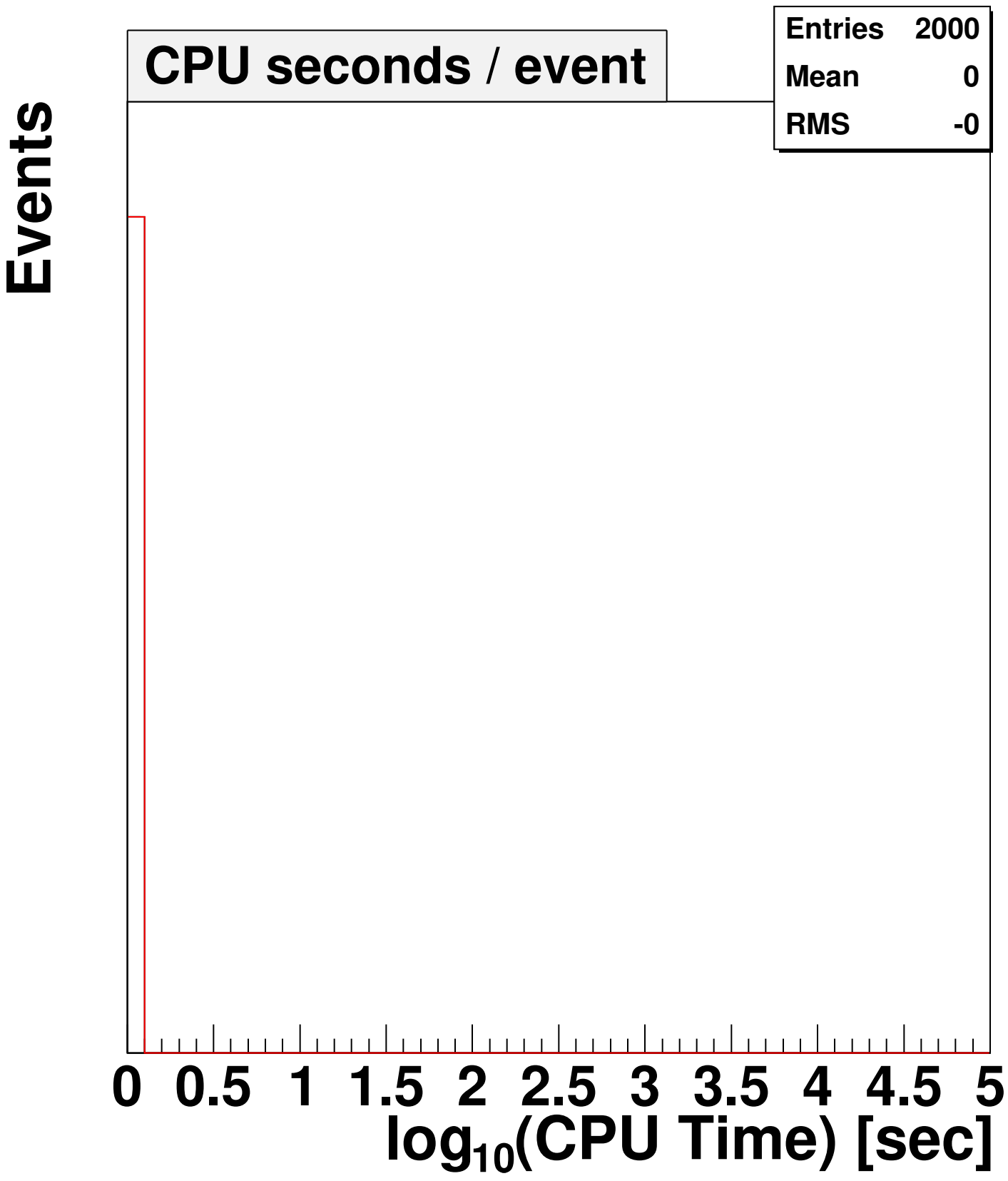








Muon Local Tracks (MediumFamus)



RECO Performance (Timing)