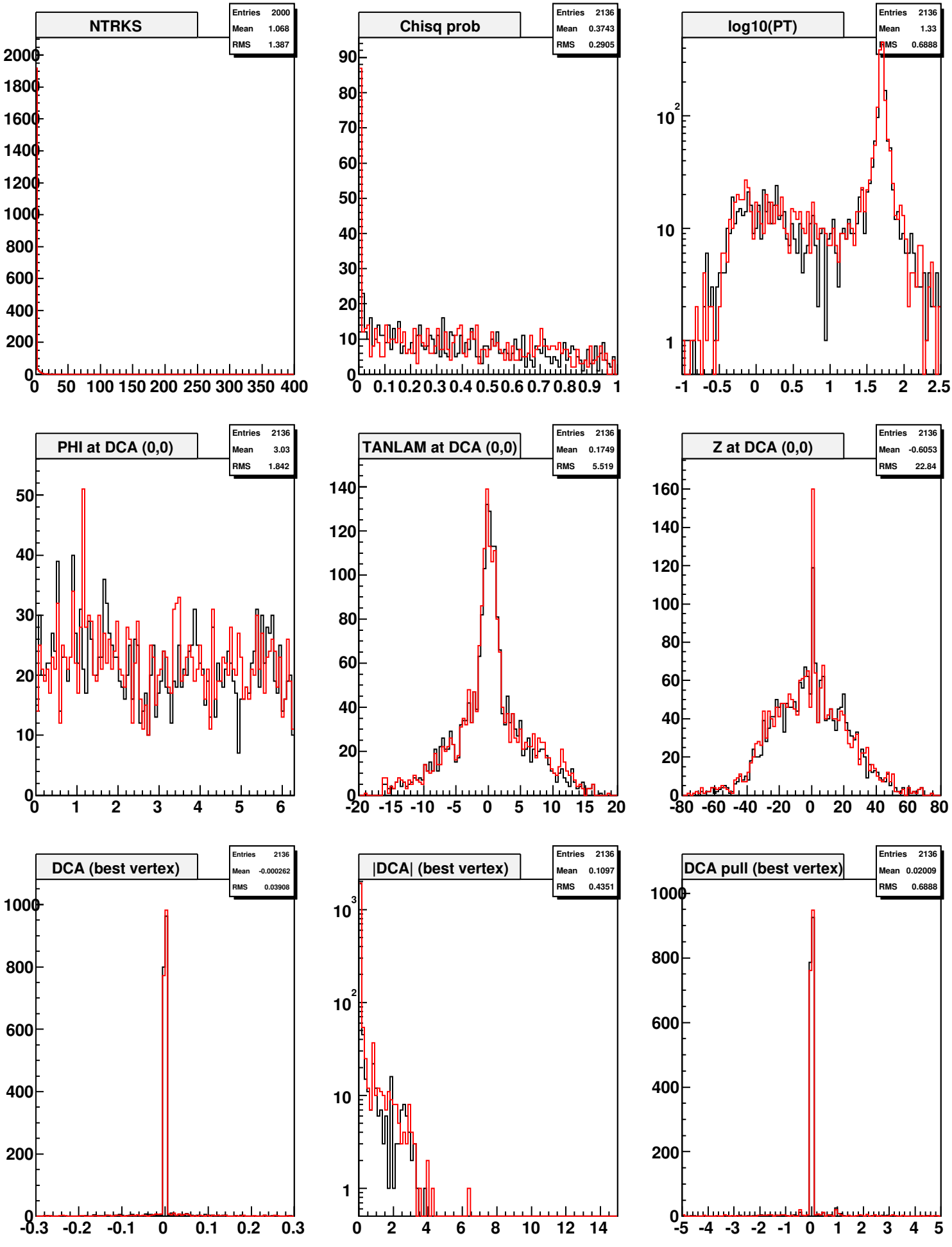
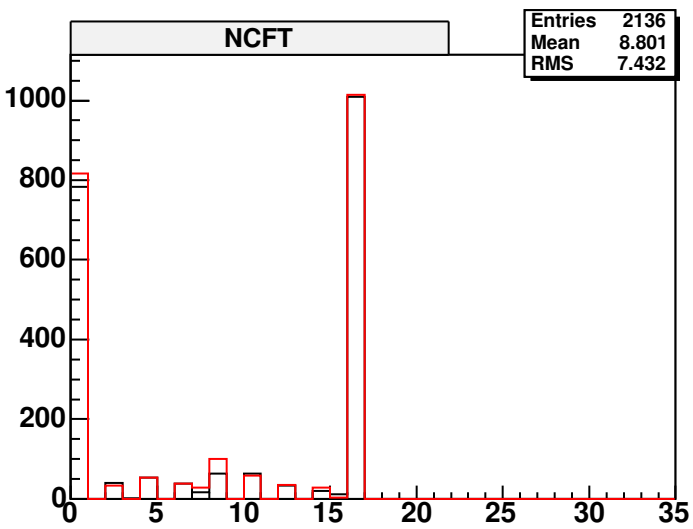
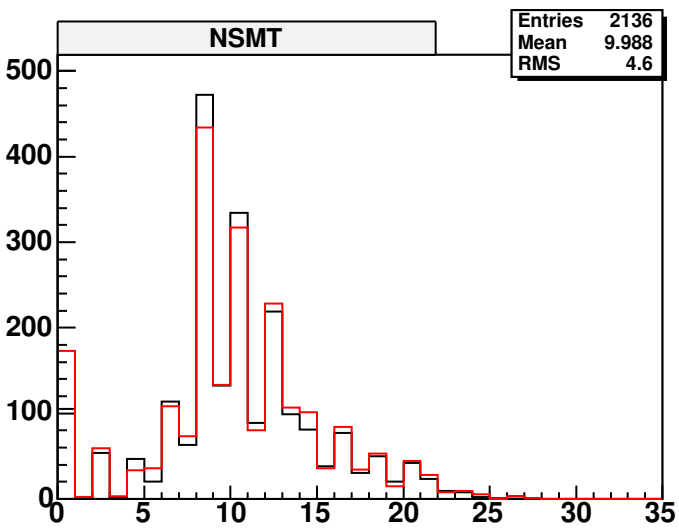
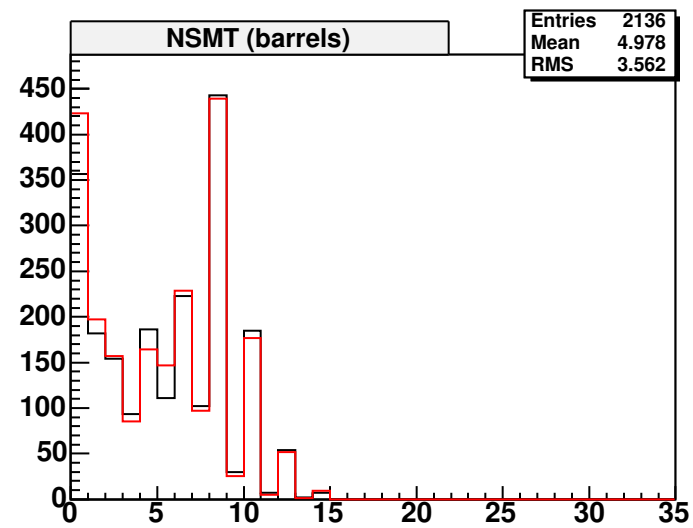
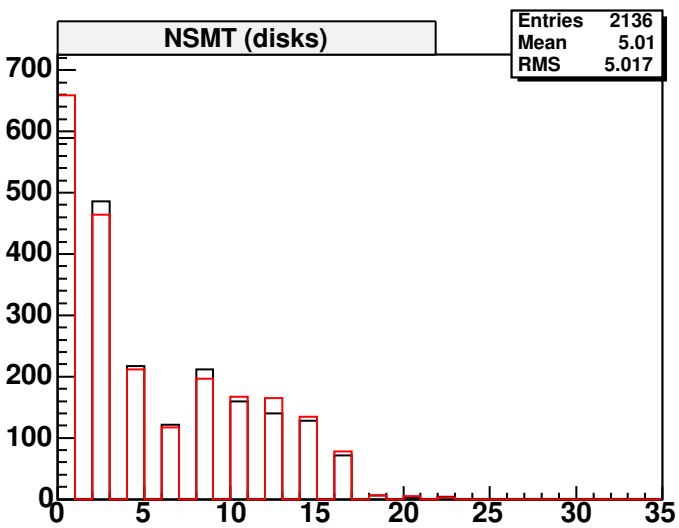

NTRKS
Entries 2000
Mean 1.068
RMS 1.387
Chisq prob
Entries 2136
Mean 0.3743
RMS 0.2905
log10(PT)
Entries 2136
Mean 1.33
RMS 0.6888
PHI at DCA (0,0)
Entries 2136
Mean 3.03
RMS 1.842
TANLAM at DCA (0,0)
Entries 2136
Mean 0.1749
RMS 5.519
Z at DCA (0,0)
Entries 2136
Mean -0.6053
RMS 22.84
DCA (best vertex)
Entries 2136
Mean -0.000262
RMS 0.03908
|DCA| (best vertex)
Entries 2136
Mean 0.1097
RMS 0.4351
DCA pull (best vertex)
Entries 2136
Mean 0.02009
RMS 0.6888

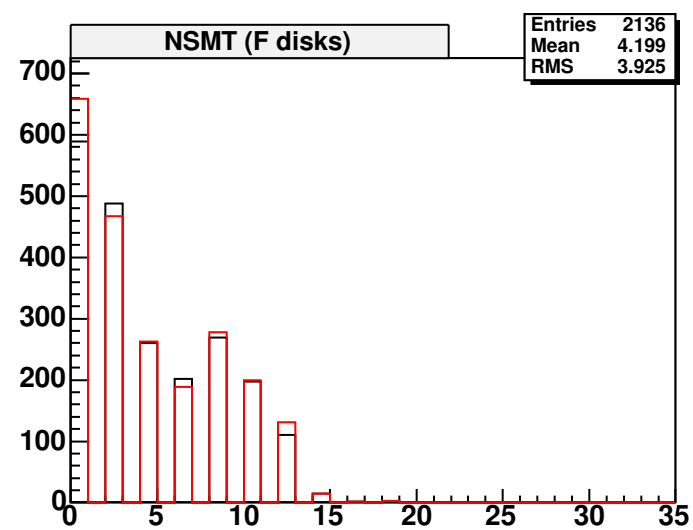
Tracks (All)

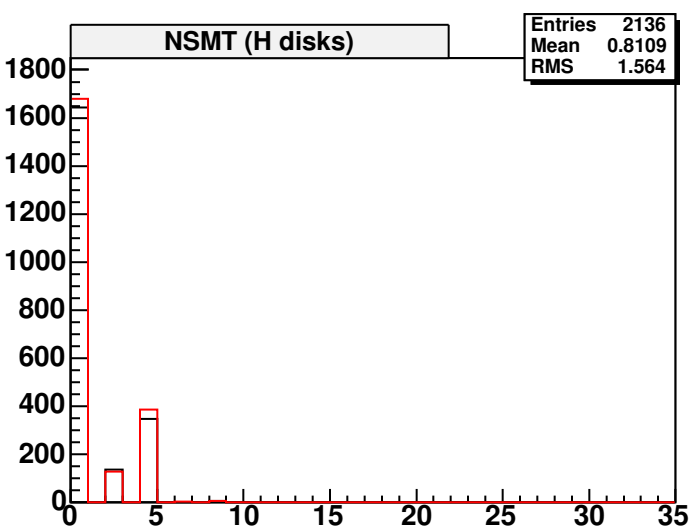




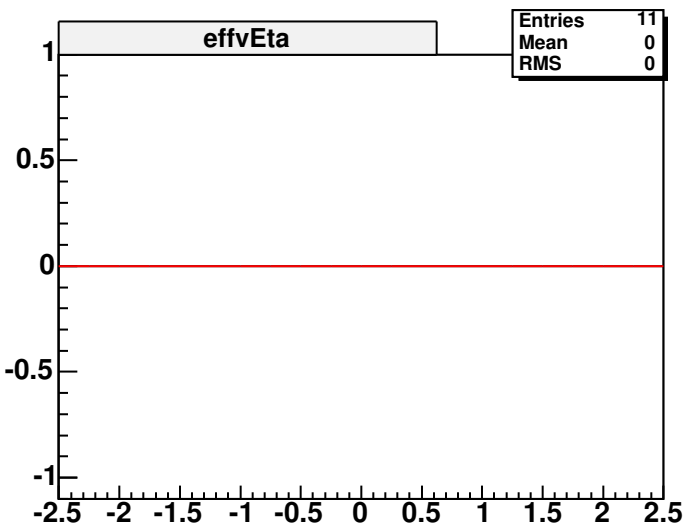


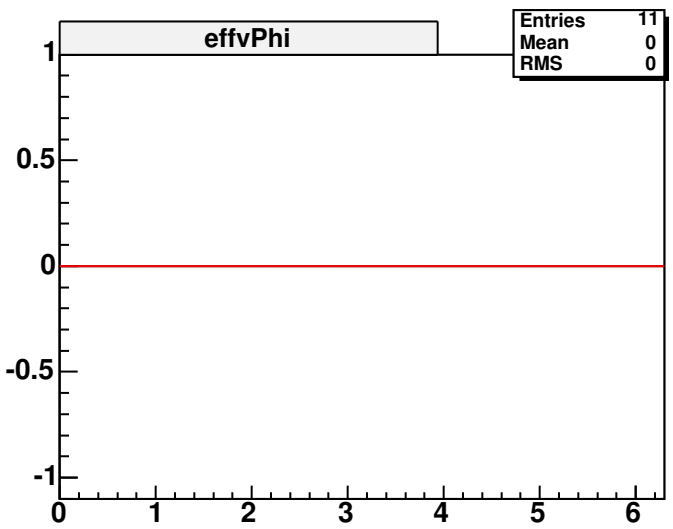


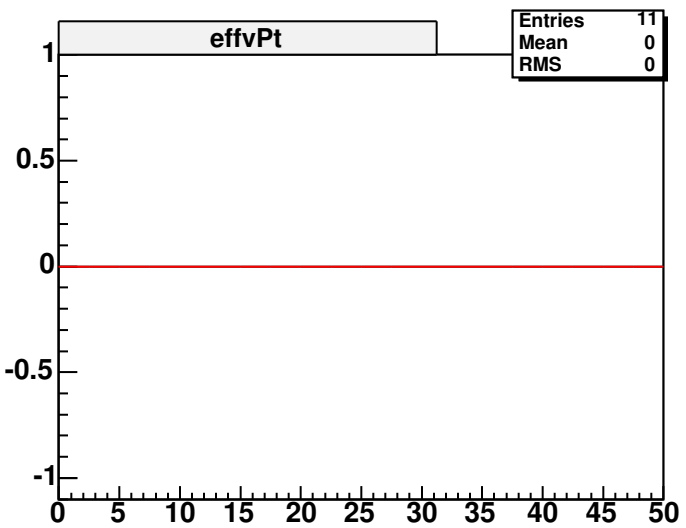


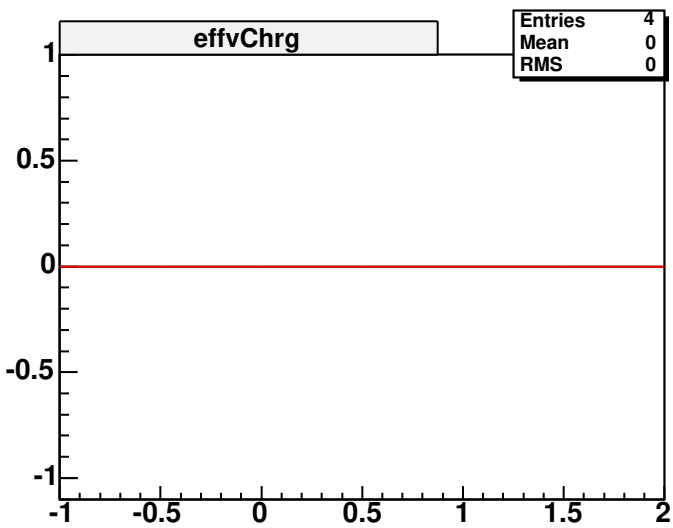


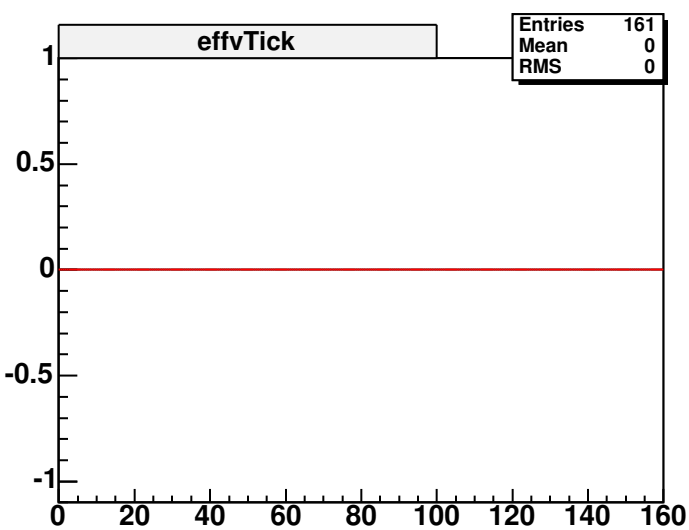
Track Hits (All)

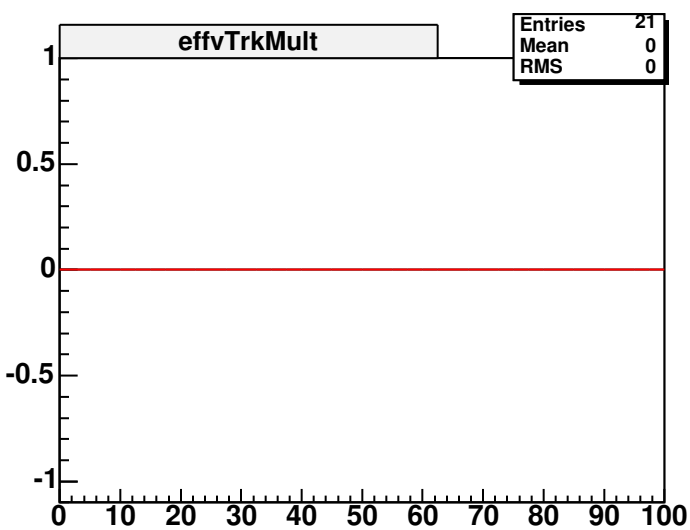




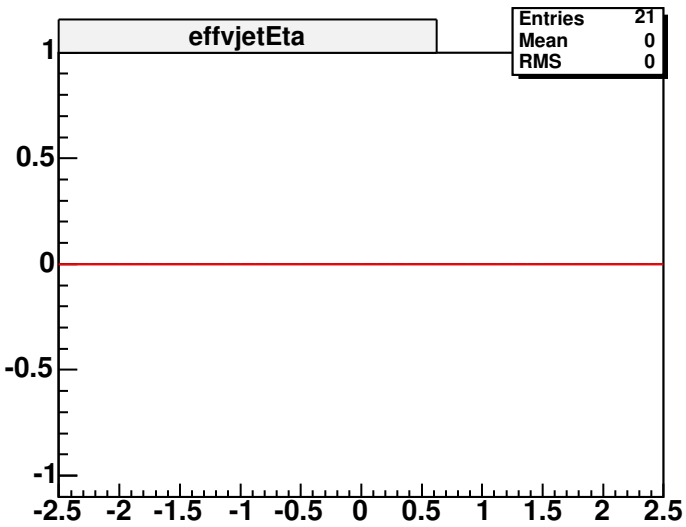


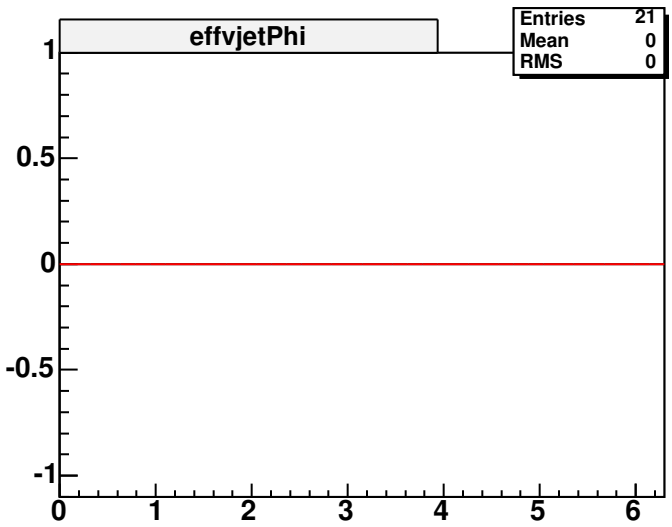


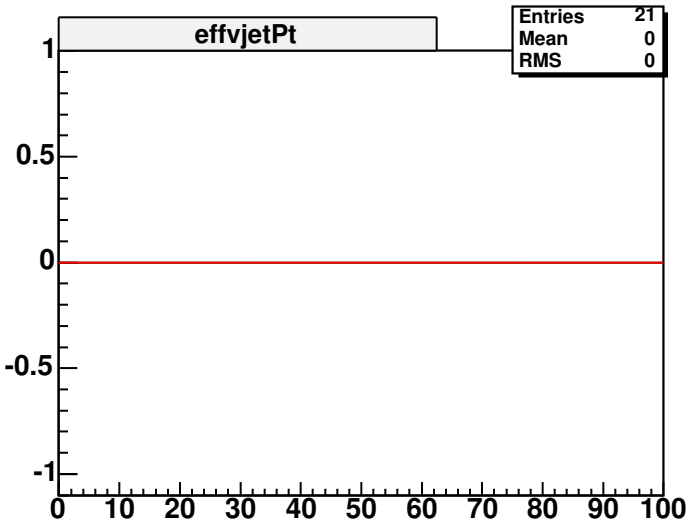




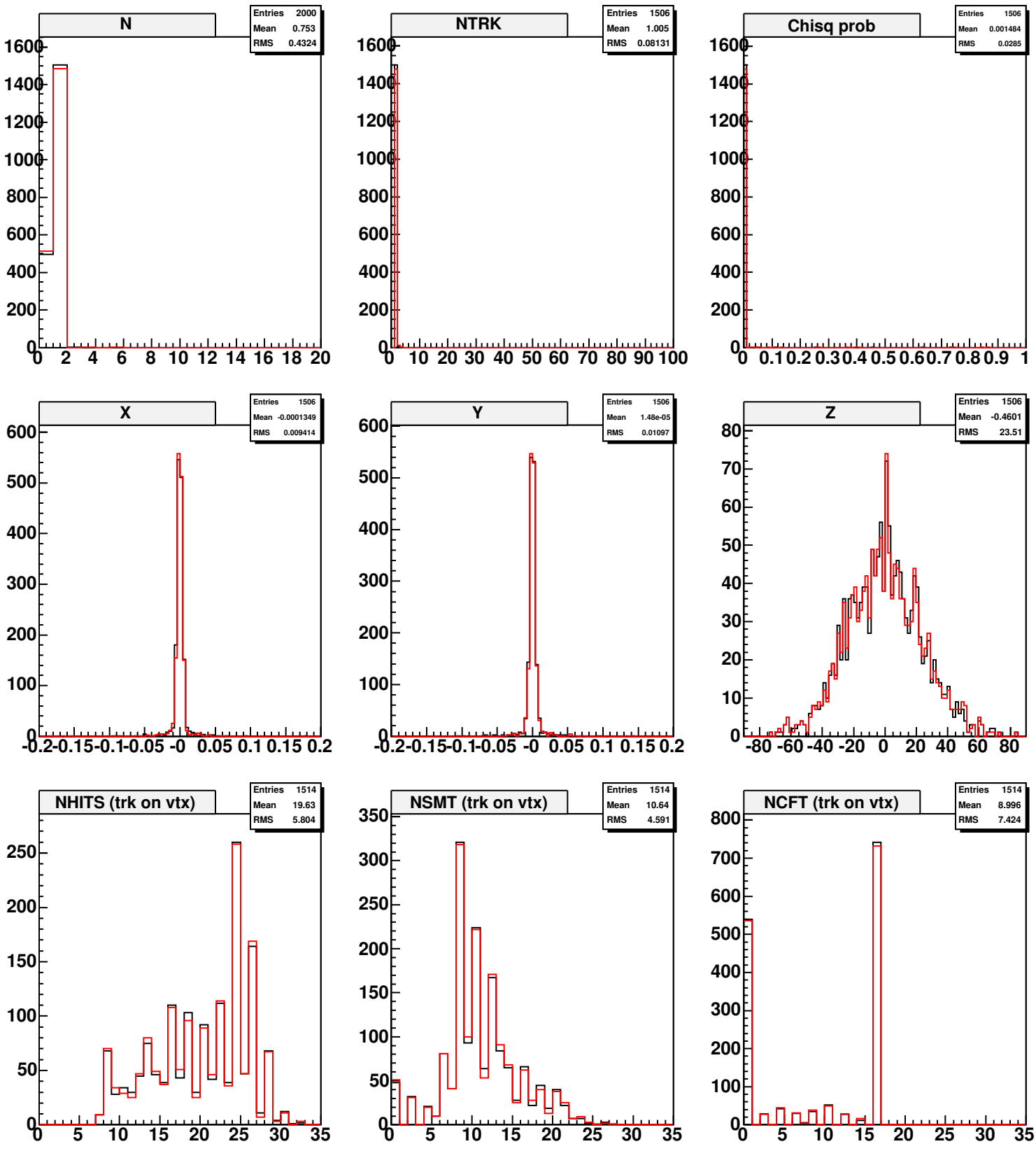
Tracking (Efficiency-Isolated)



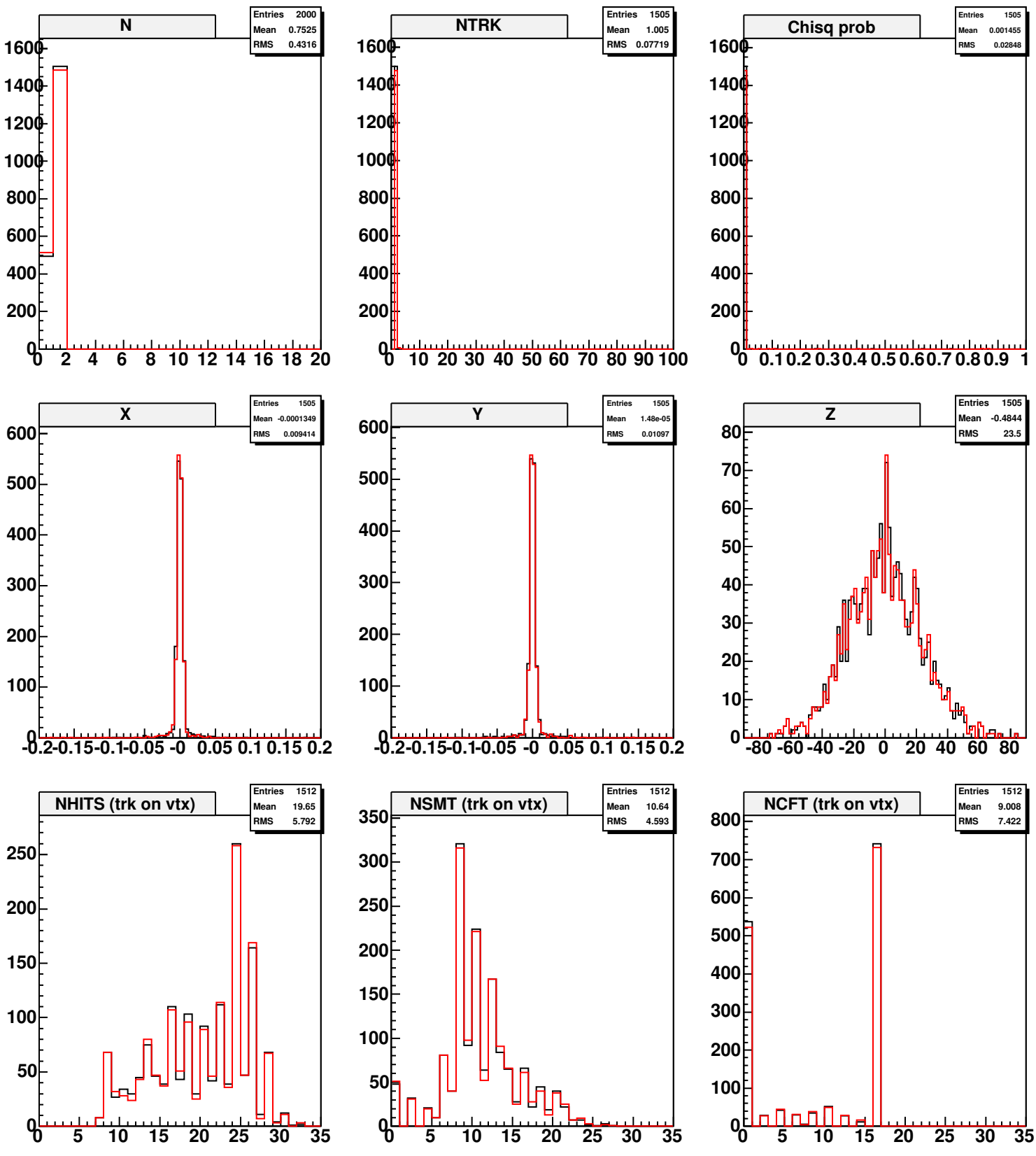




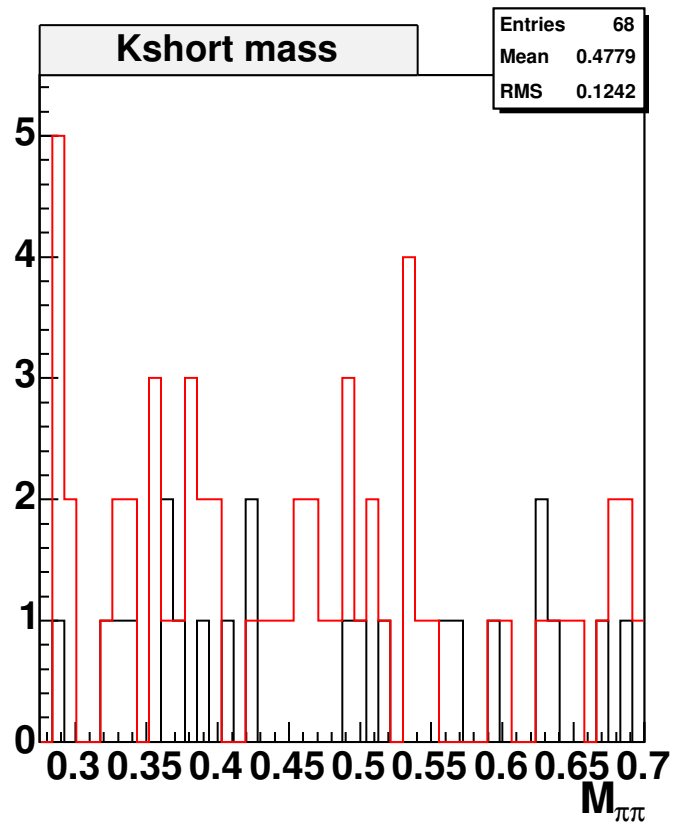
Tracking (Efficiency-InJets)

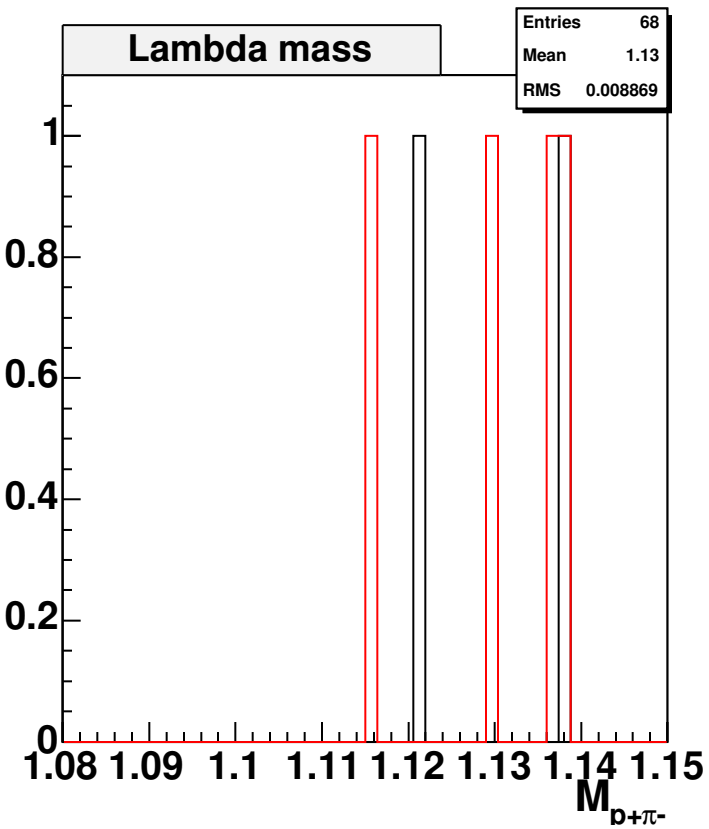


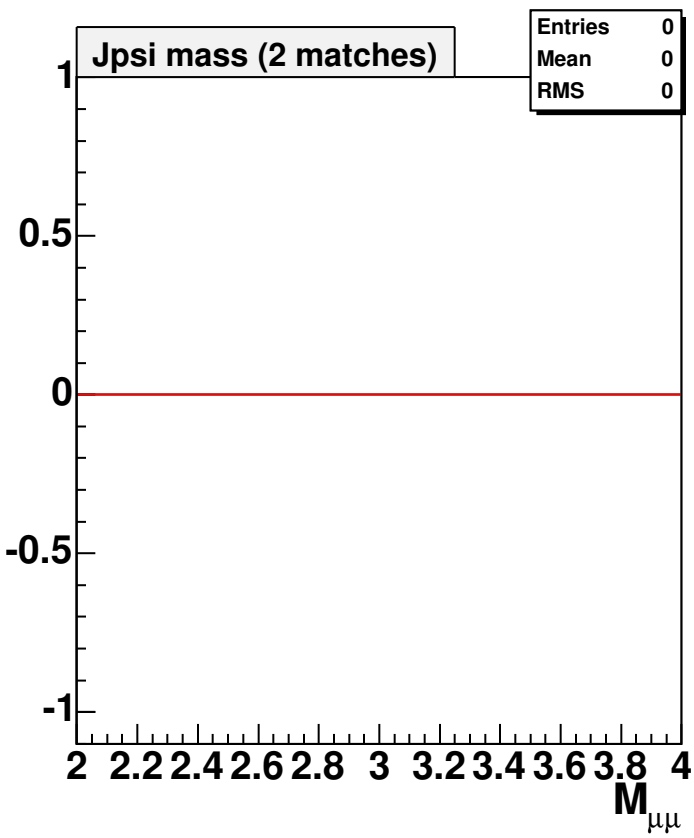
Vertices (Primary - all candidates)

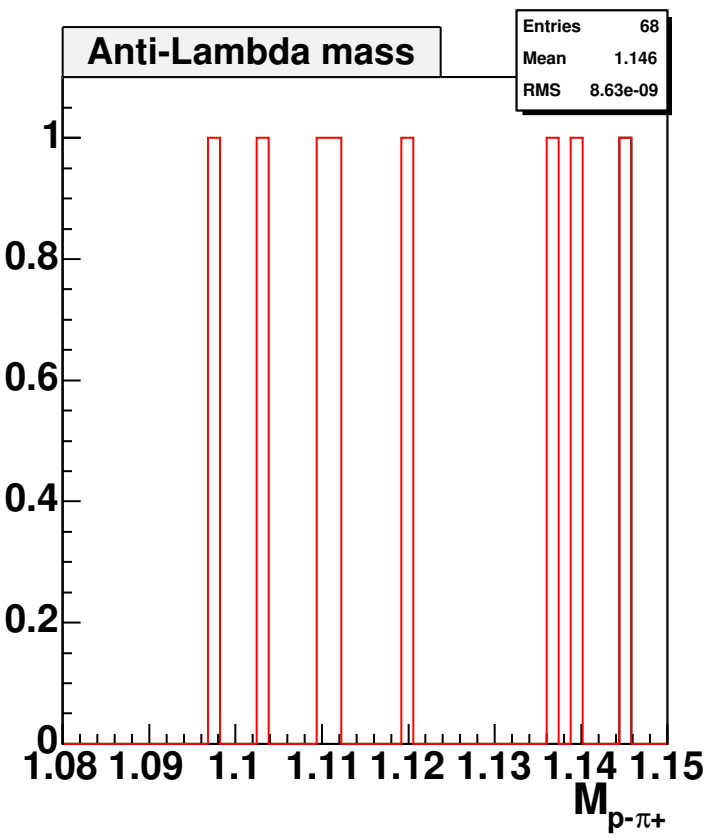


Vertices (Primary - best)

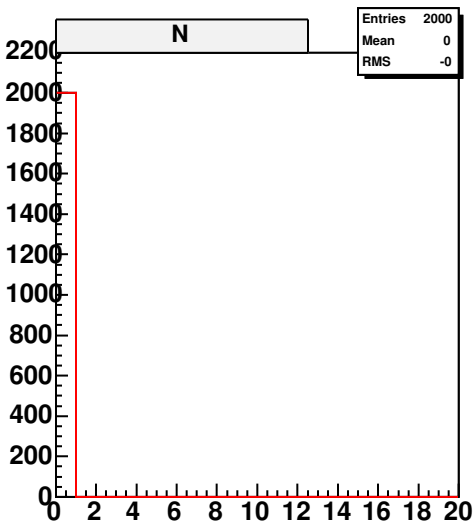

Kshort mass
Entries 68
Mean 0.4779
RMS 0.1242
0 1 2 3 4 5
0.3 0.35 0.4 0.45 0.5 0.55 0.6 0.65 0.7
$M_{\pi\pi}$

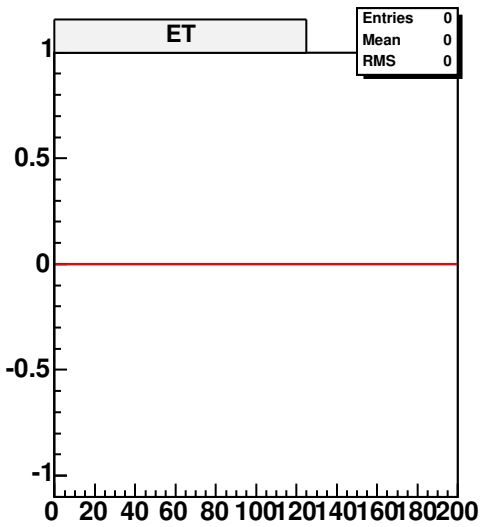

Lambda mass
Entries 68
Mean 1.13
RMS 0.008869
0 0.2 0.4 0.6 0.8 1
1.08 1.09 1.1 1.11 1.12 1.13 1.14 1.15
$M_{p+\pi-}$

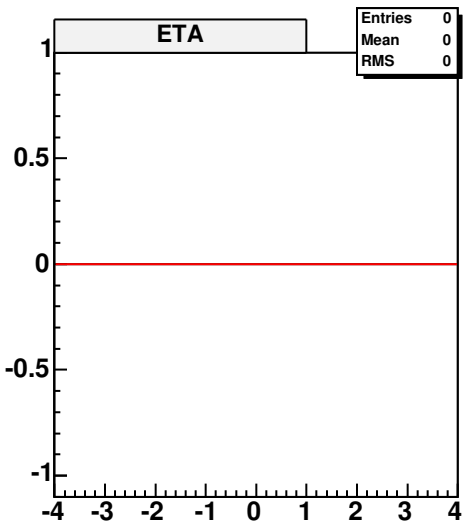

Jpsi mass (2 matches)
Entries 0
Mean 0
RMS 0
-1 -0.5 0 0.5 1
2 2.2 2.4 2.6 2.8 3 3.2 3.4 3.6 3.8 4
$M_{\mu\mu}$

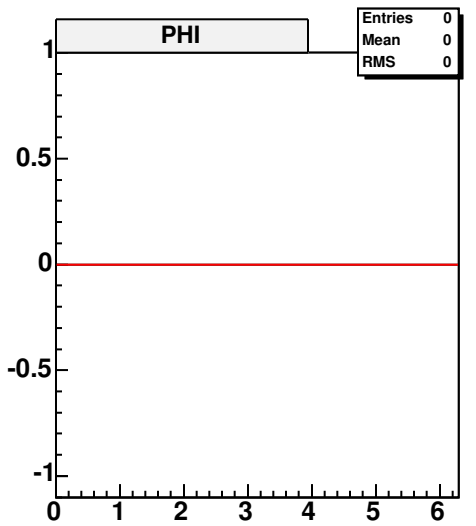

Anti-Lambda mass
Entries 68
Mean 1.146
RMS 8.63e-09
0 0.2 0.4 0.6 0.8 1
1.08 1.09 1.1 1.11 1.12 1.13 1.14 1.15
$M_{p-\pi+}$

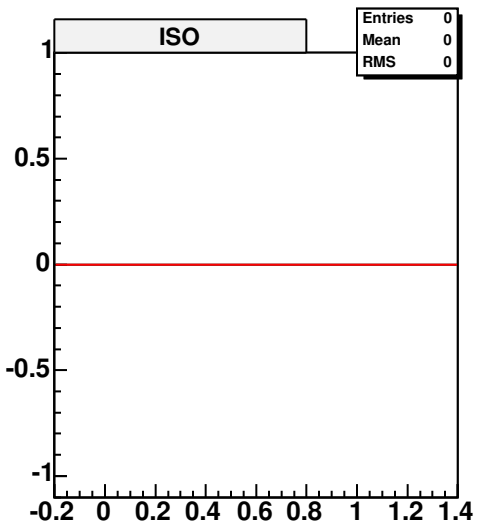
V0 (All)

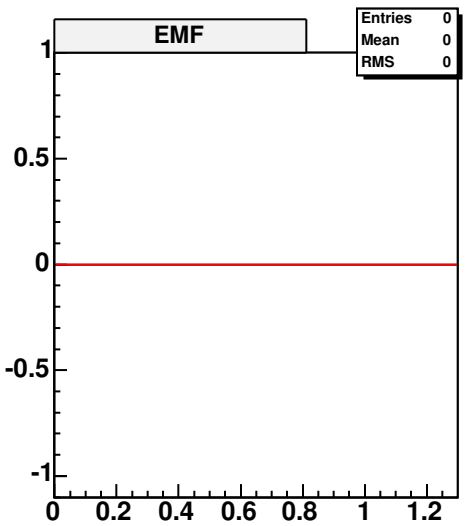


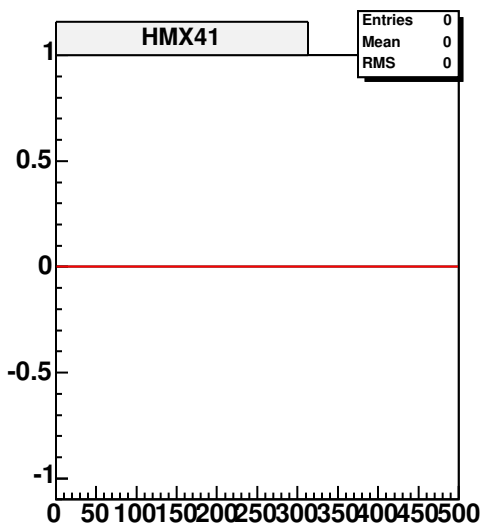


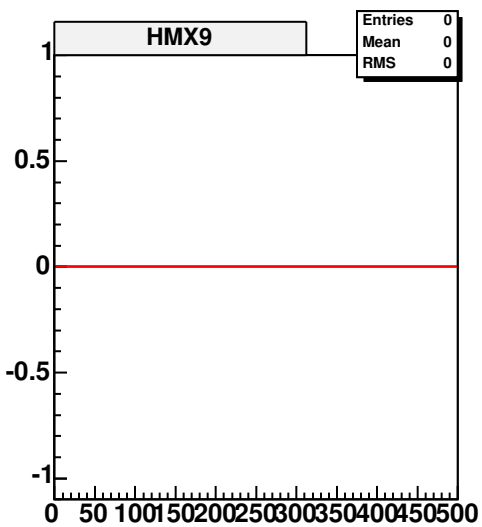


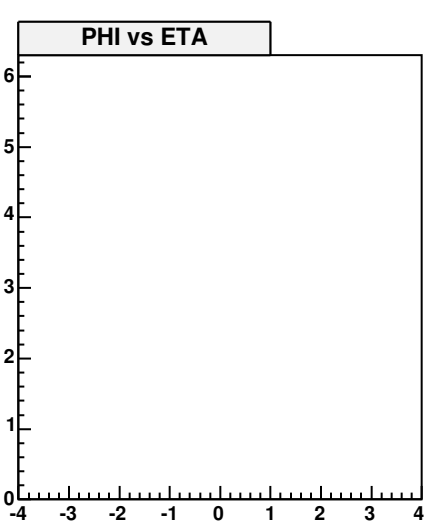




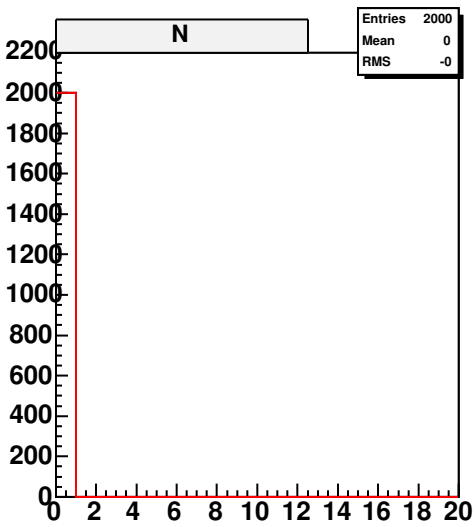


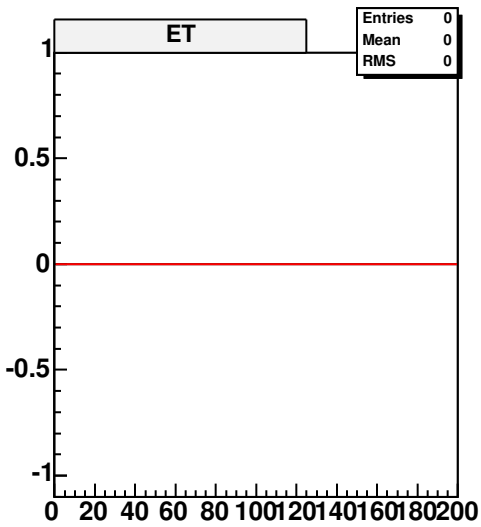


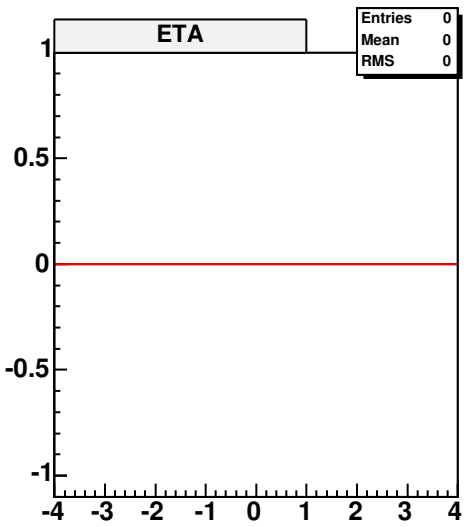


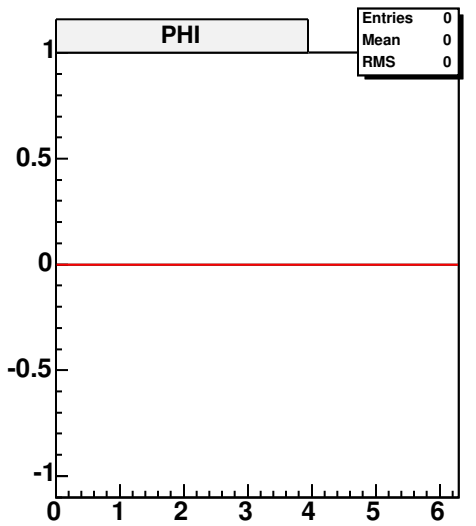


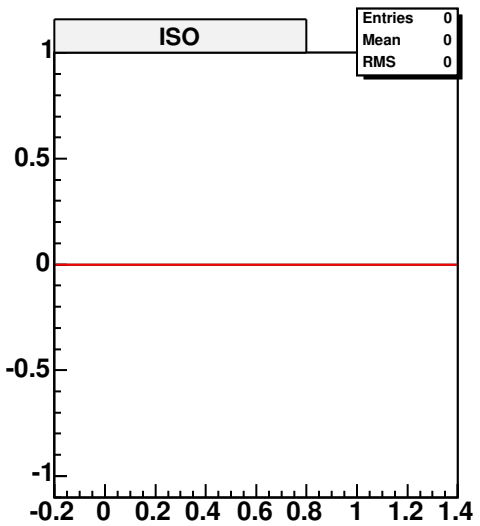
Electrons (SCONE All)

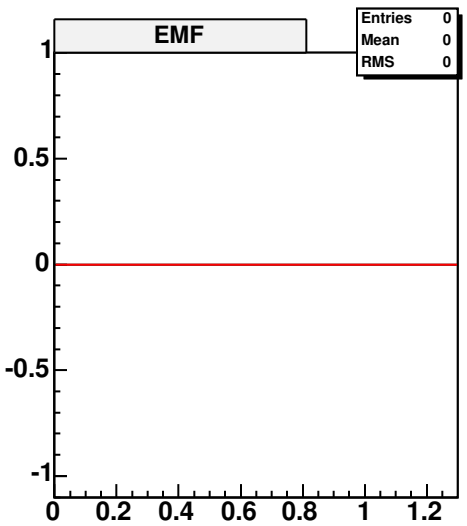


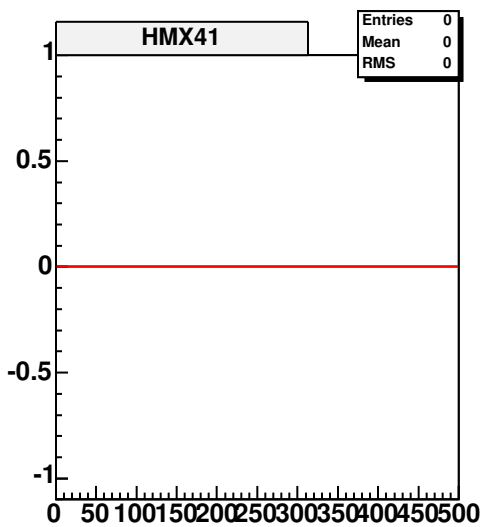


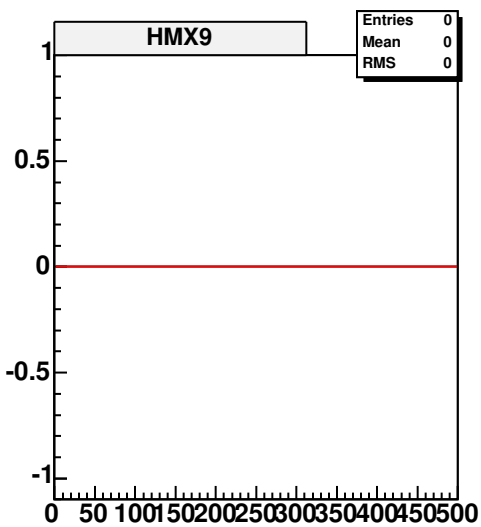


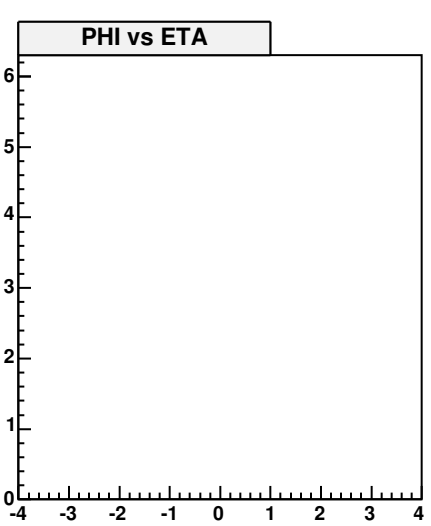




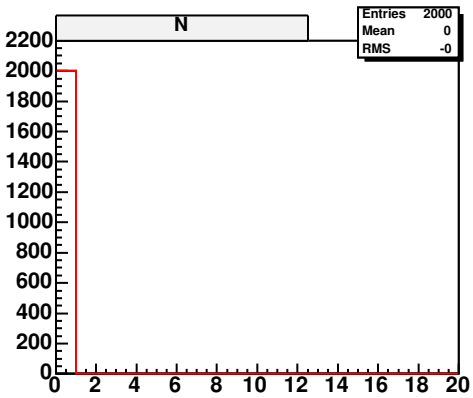


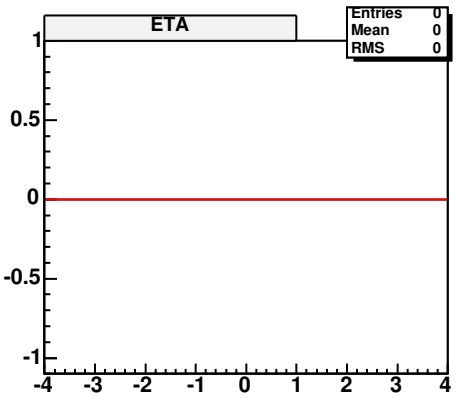


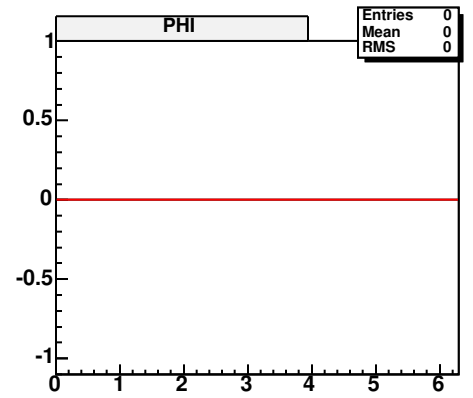


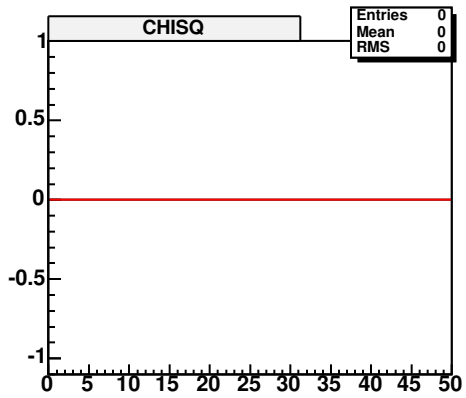


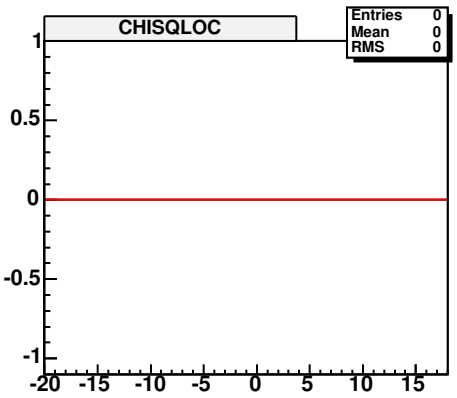
Electrons (SCONE Tight)

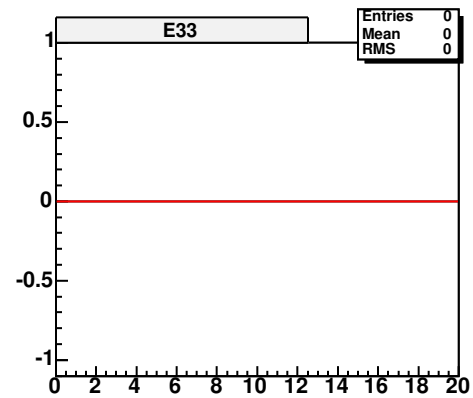

N
Entries 2000
Mean 0
RMS -0

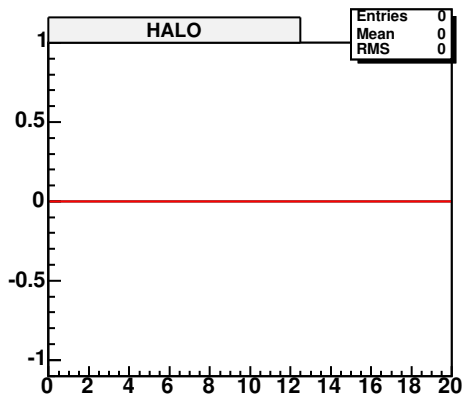

ETA
Entries 0
Mean 0
RMS 0

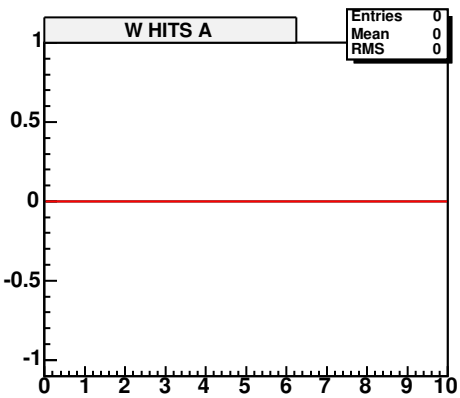

PHI
Entries 0
Mean 0
RMS 0

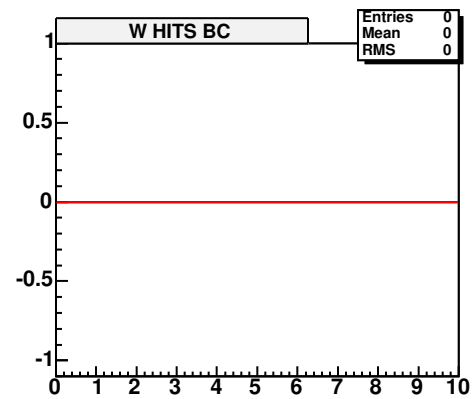

CHISQ
Entries 0
Mean 0
RMS 0

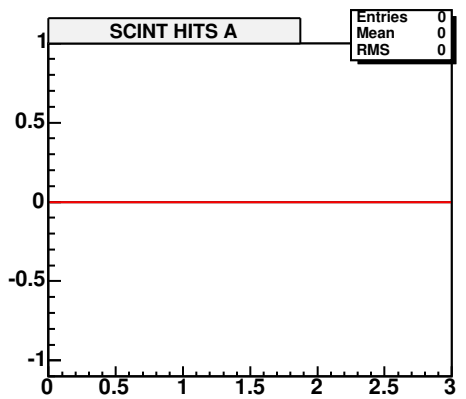

CHISQLOC
Entries 0
Mean 0
RMS 0

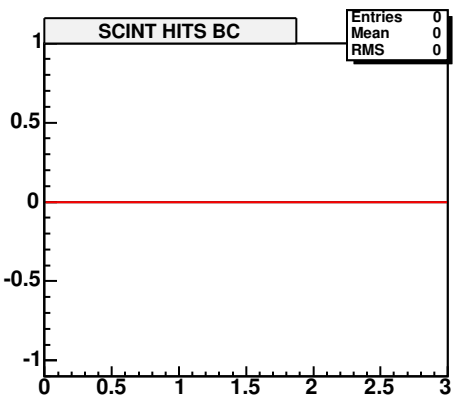

E33
Entries 0
Mean 0
RMS 0


HALO
Entries 0
Mean 0
RMS 0

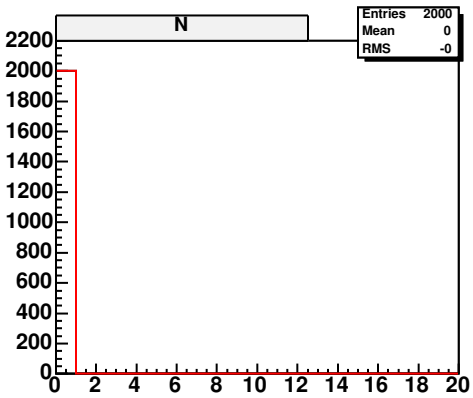

W HITS A
Entries 0
Mean 0
RMS 0

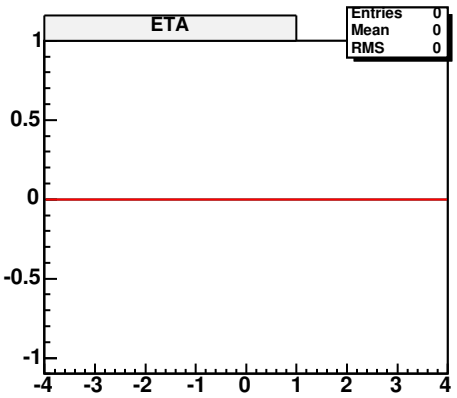

W HITS BC
Entries 0
Mean 0
RMS 0

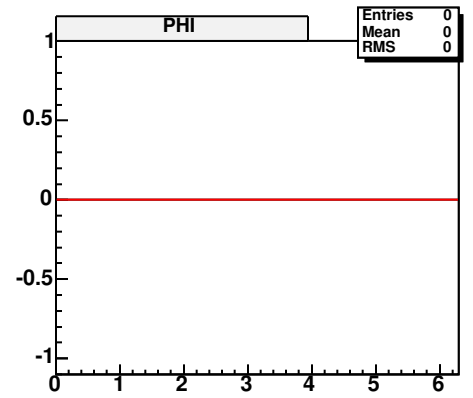

SCINT HITS A
Entries 0
Mean 0
RMS 0

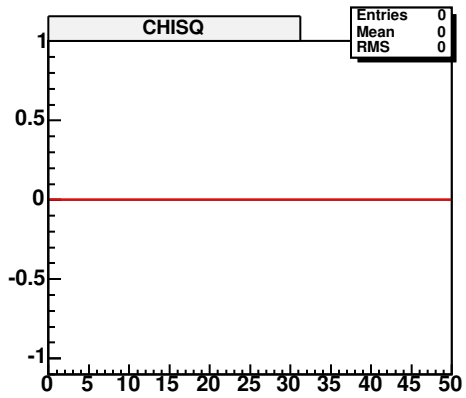

SCINT HITS BC
Entries 0
Mean 0
RMS 0

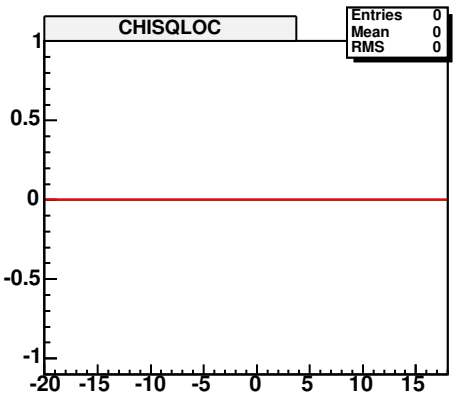
Muons (All)

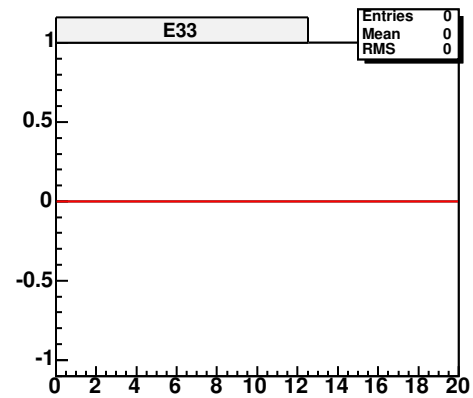


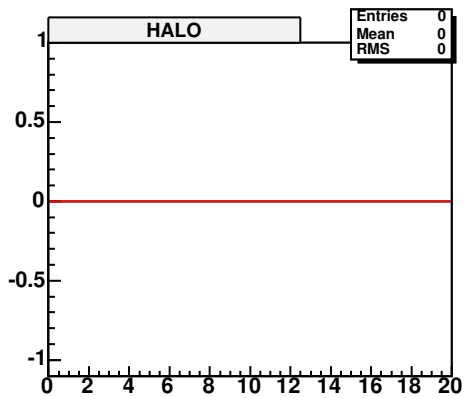


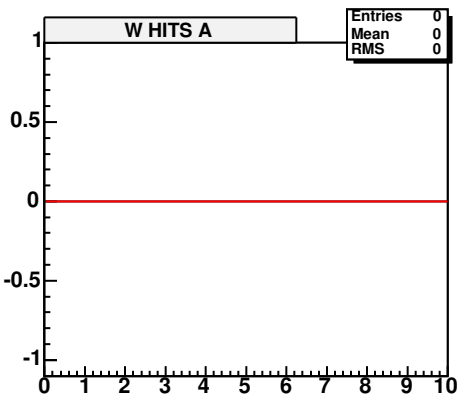


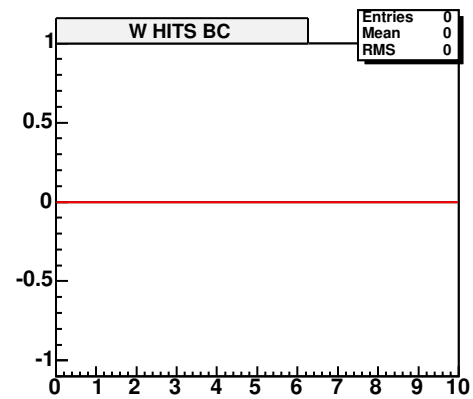


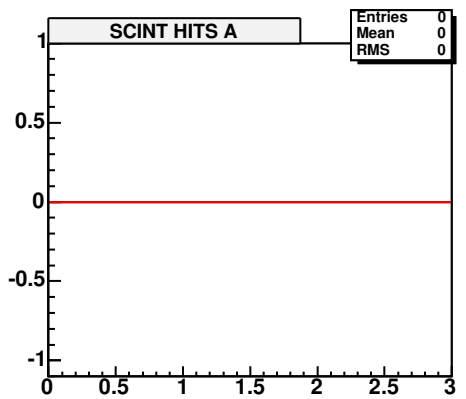


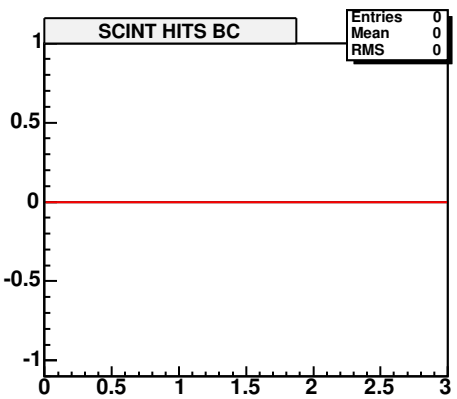




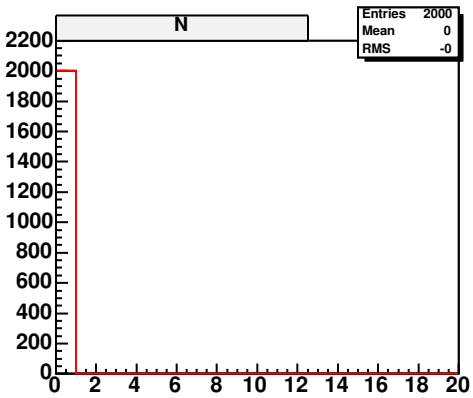








Muons (Matched)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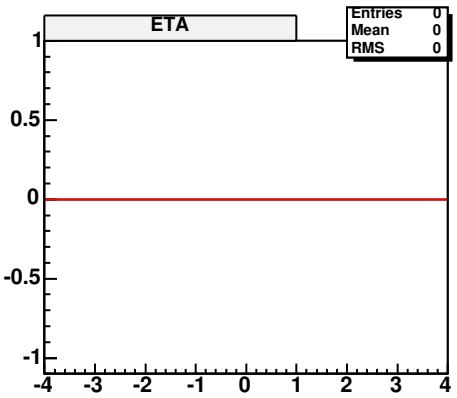
RMS -0


ETA
Entries 0
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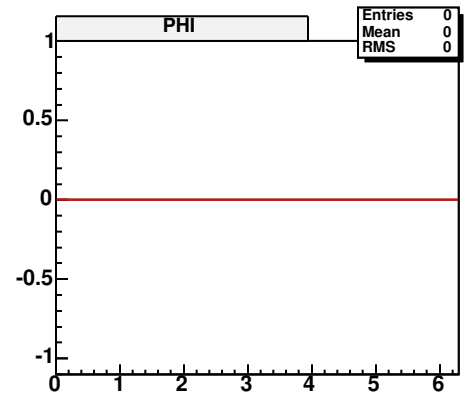
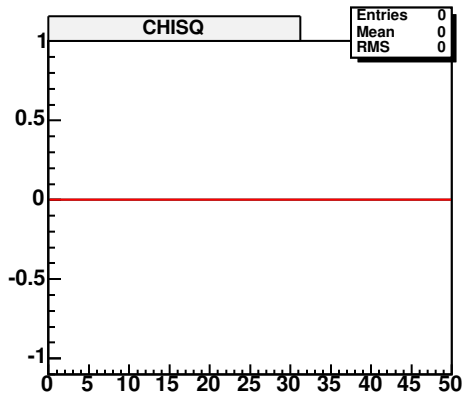
RMS 0


PHI
Entries 0
Mean 0
RMS 0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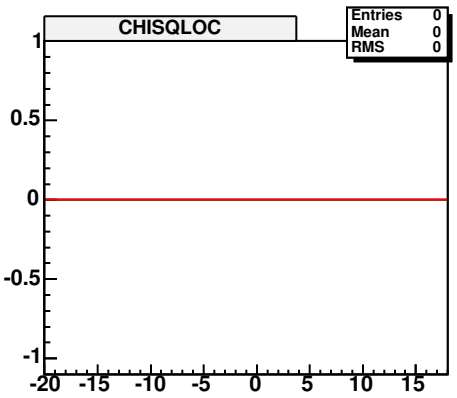
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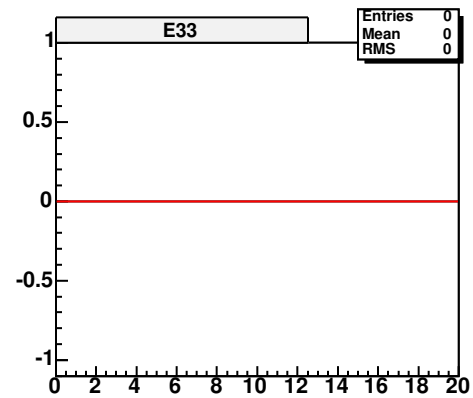
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Mean 0
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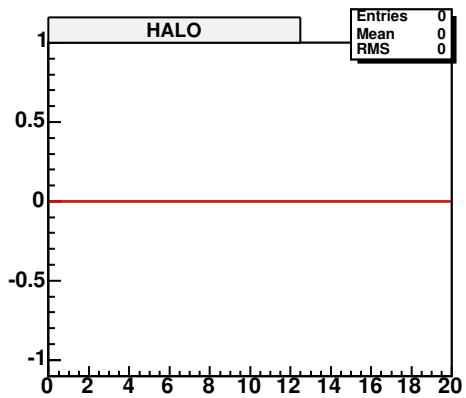
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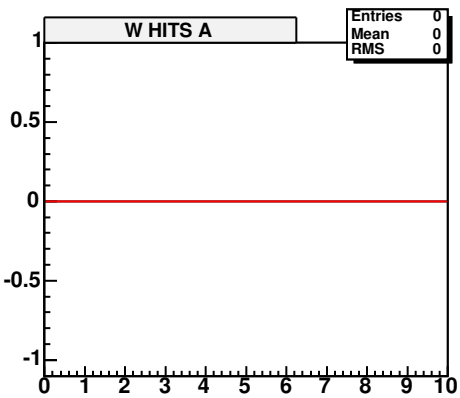
Entries 0
Mean 0
RMS 0


W HITS A
Entries 0
Mean 0
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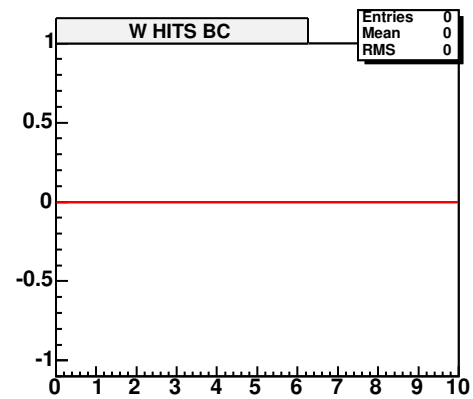
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Entries 0
Mean 0
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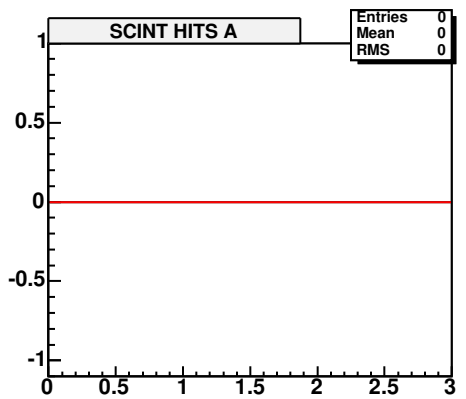
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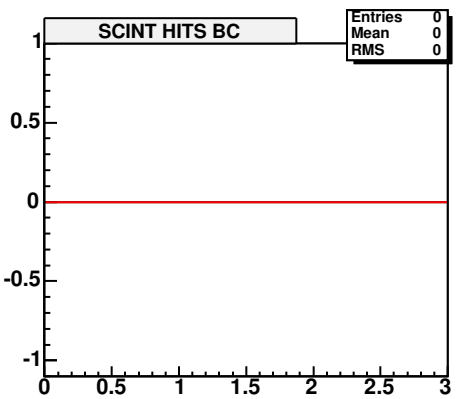
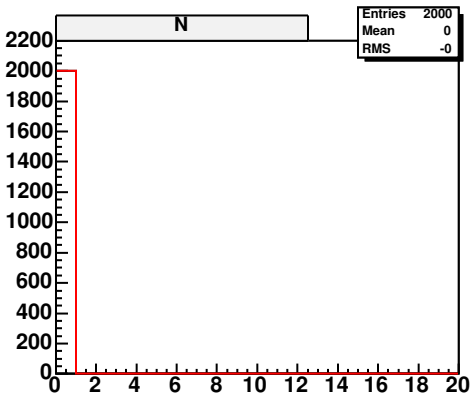
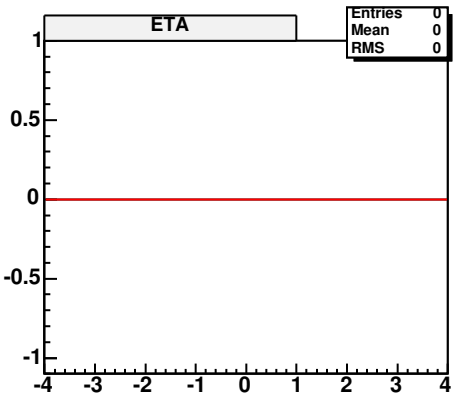
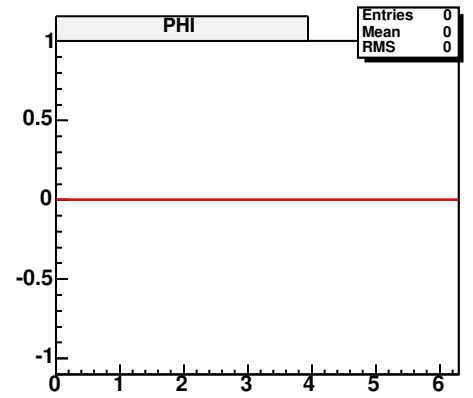
Mean 0
RMS 0

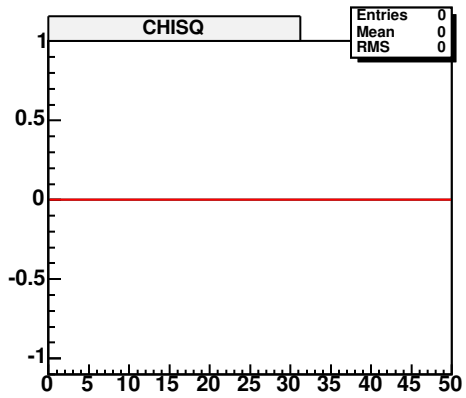

SCINT HITS BC
Entries 0
Mean 0
RMS 0

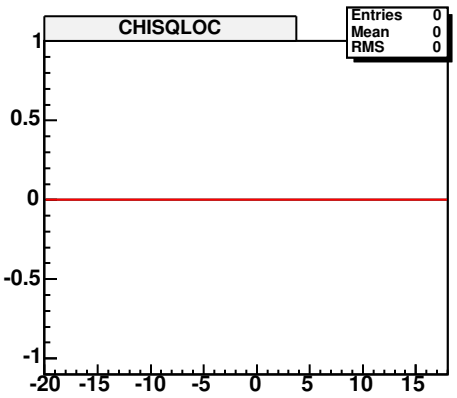
Muons (Astub)

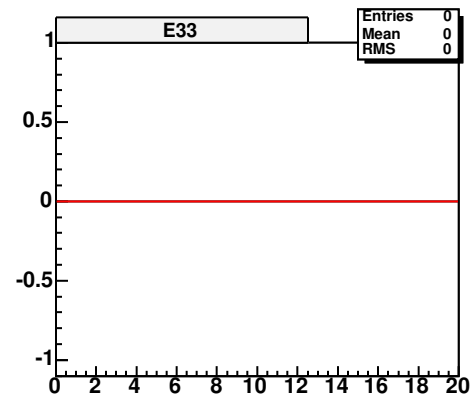


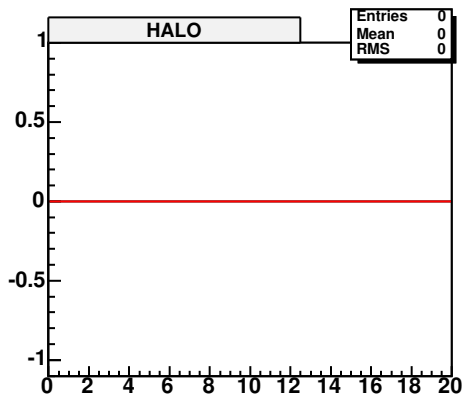


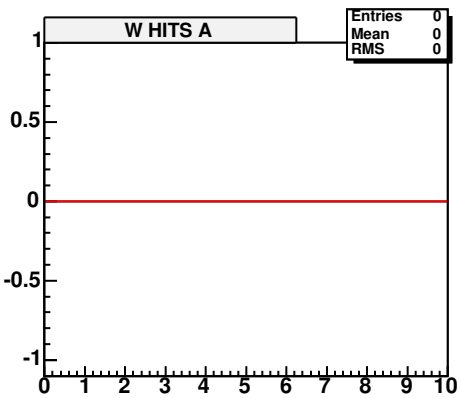


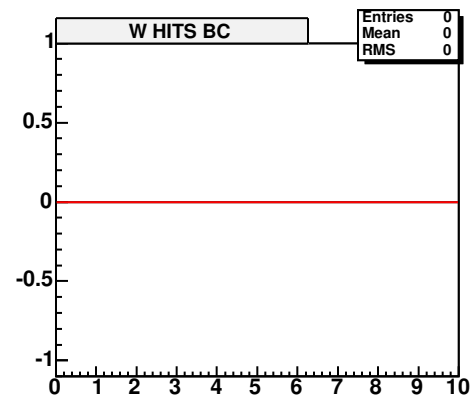


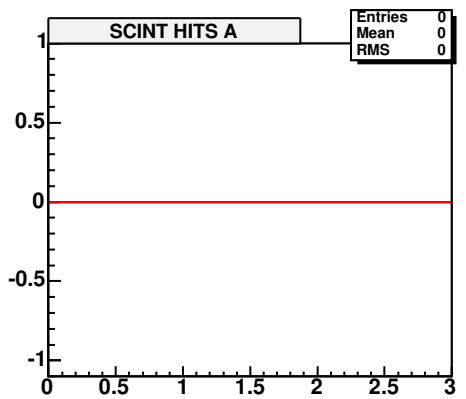


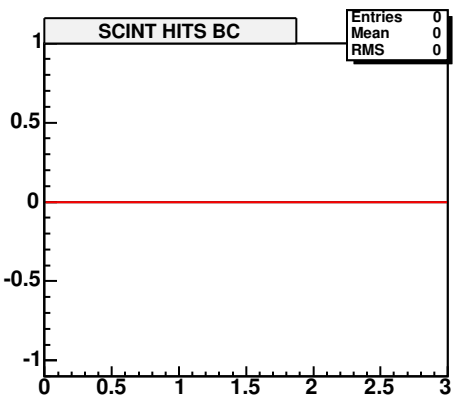




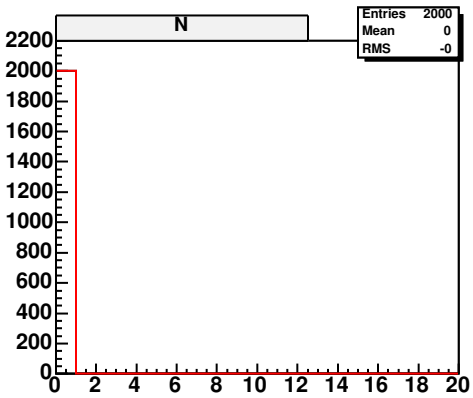


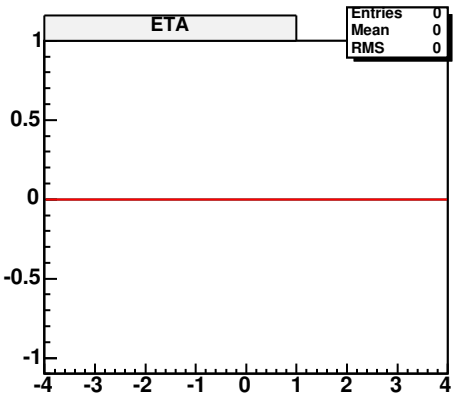


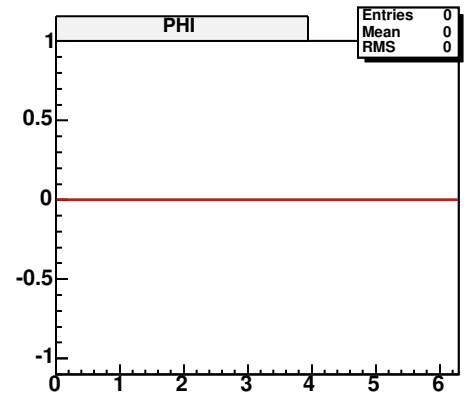


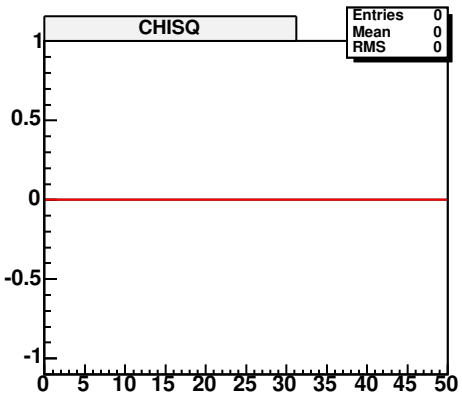


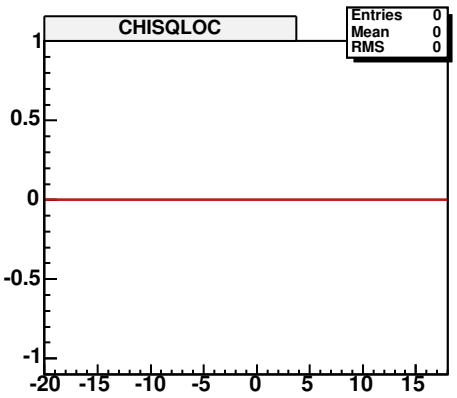
Muons (BCstub)

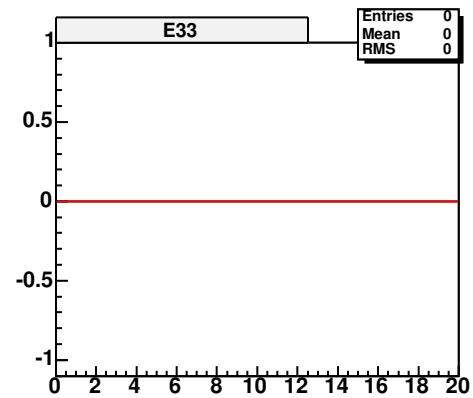


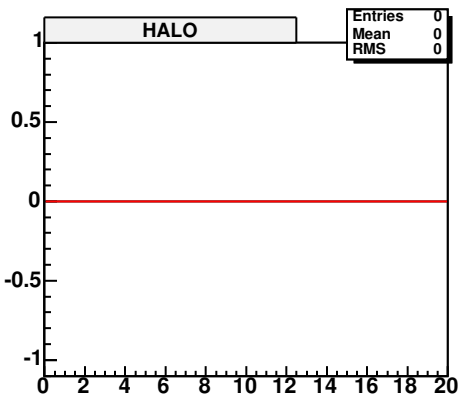


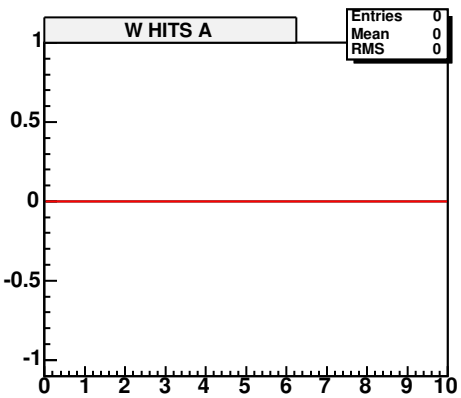


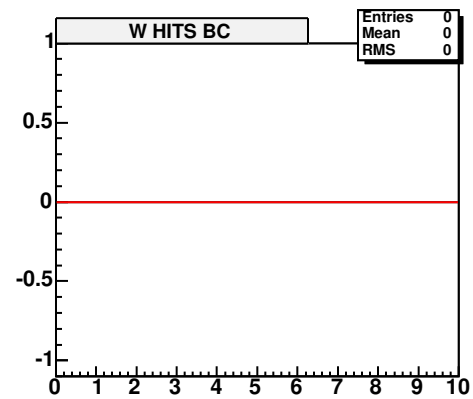


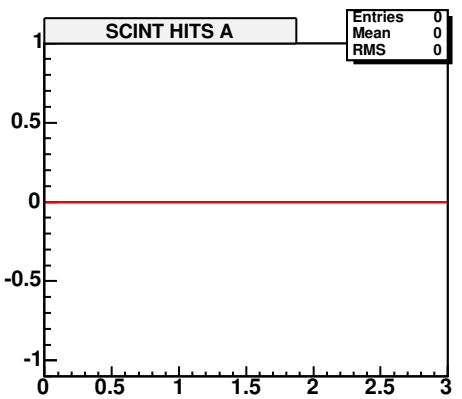


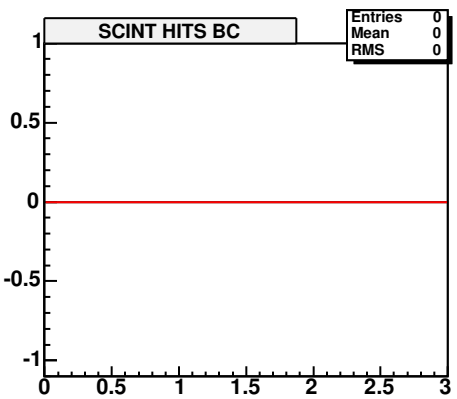




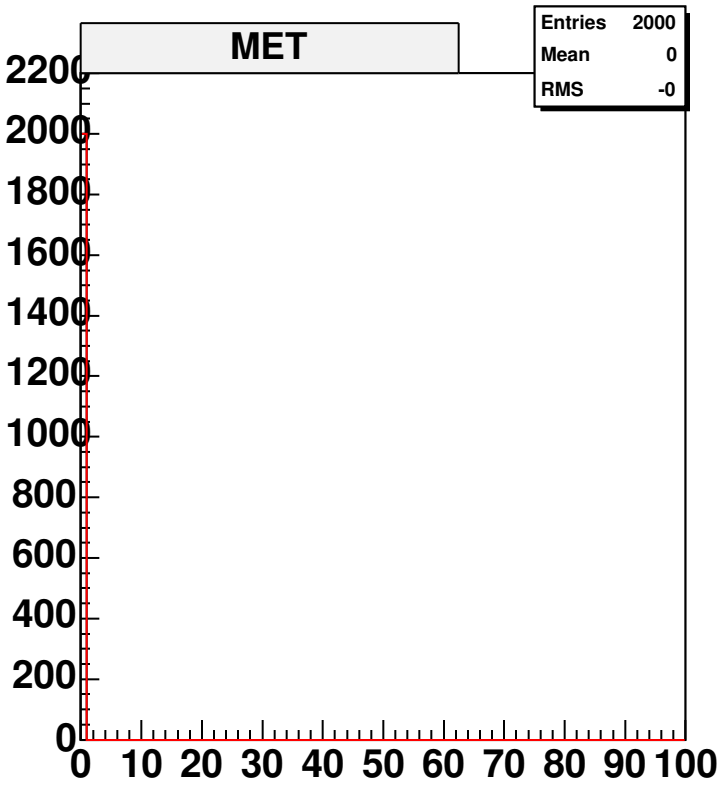


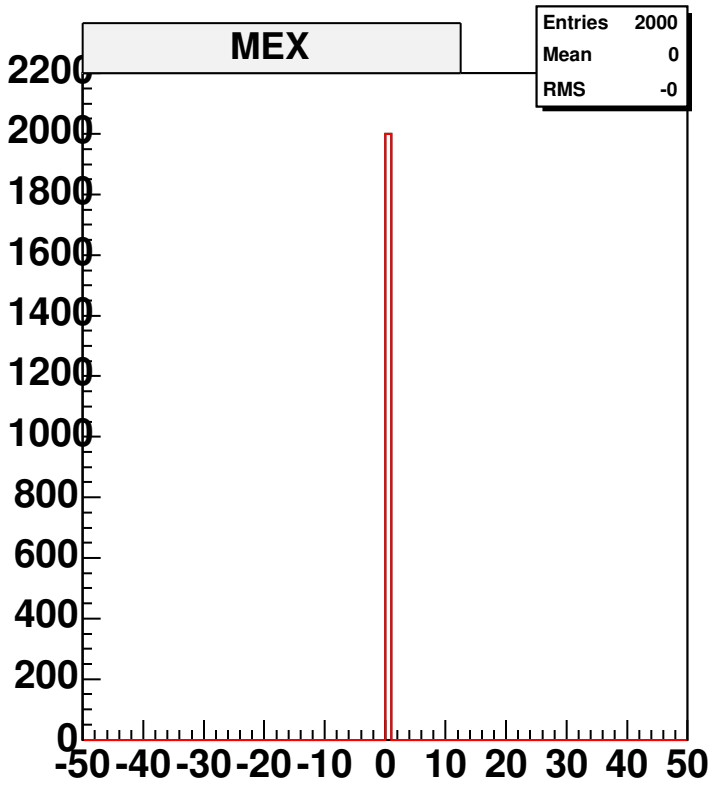


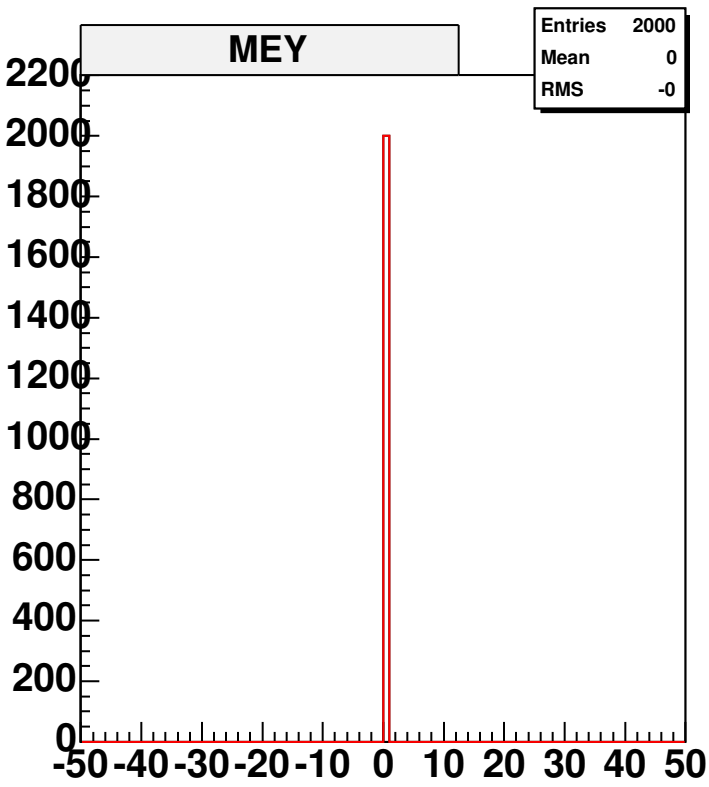




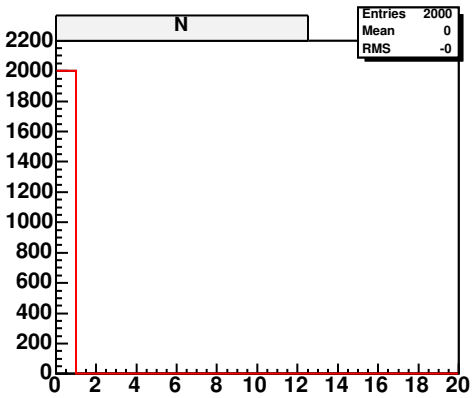
Muons (Unmatched)

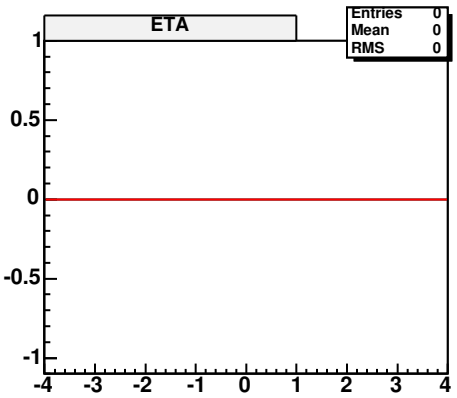

MET
Entries 2000
Mean 0
RMS -0
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0 10 20 30 40 50 60 70 80 90 100

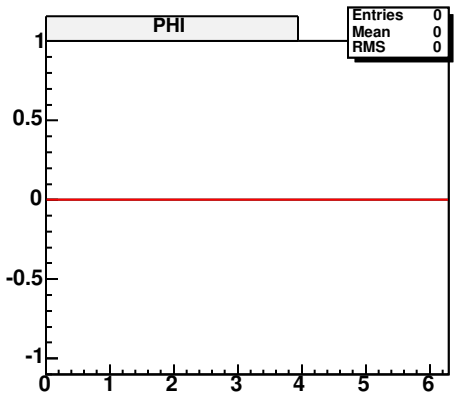

MEX
Entries 2000
Mean 0
RMS -0
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
-50 -40 -30 -20 -10 0 10 20 30 40 50

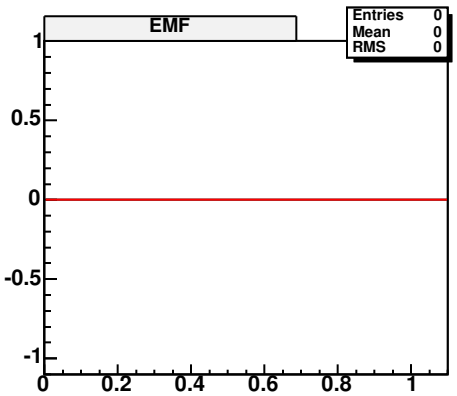

MEY
Entries 2000
Mean 0
RMS -0
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
-50 -40 -30 -20 -10 0 10 20 30 40 50

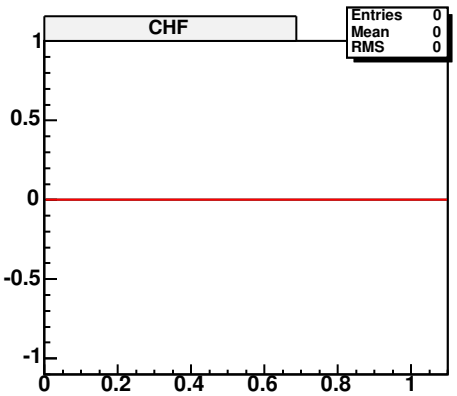
Met (No cuts)

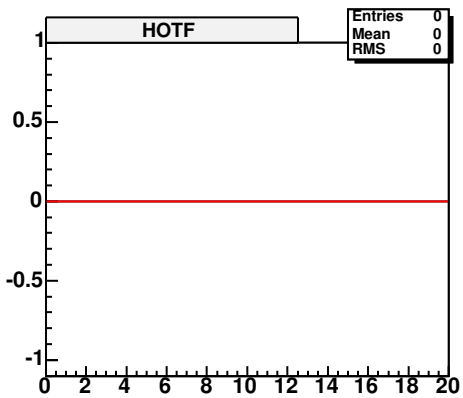


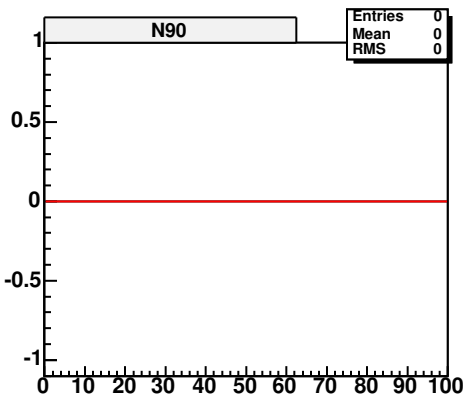


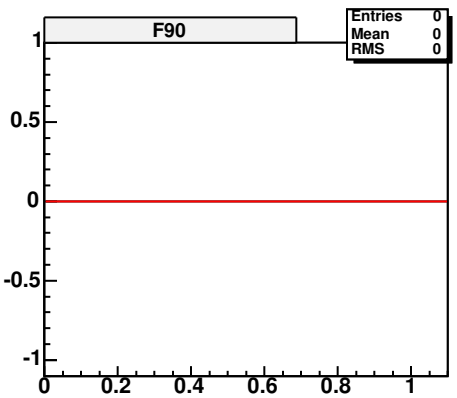


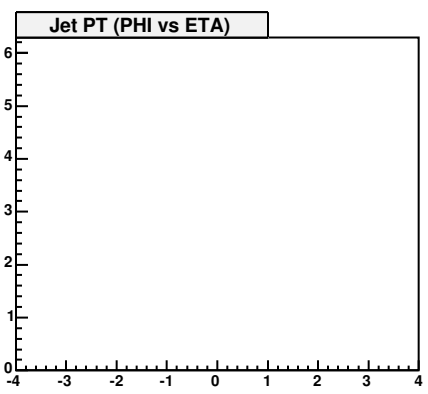




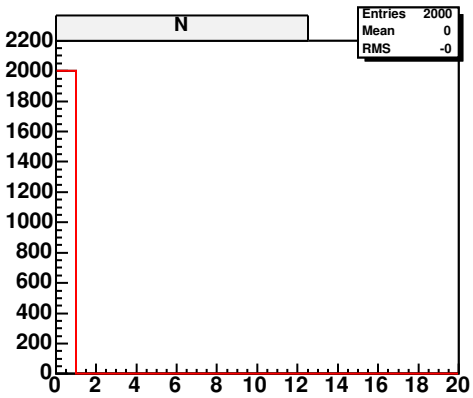


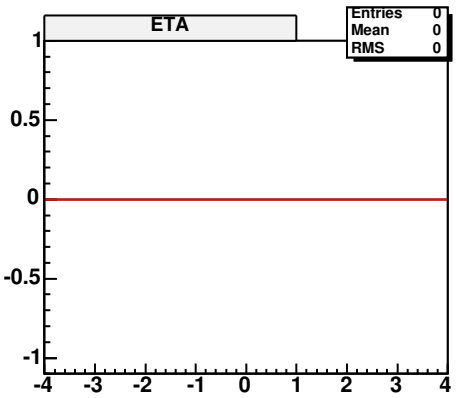


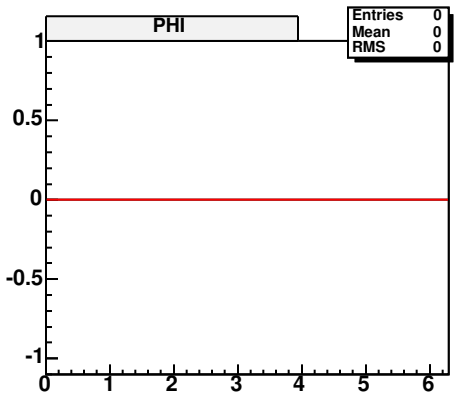


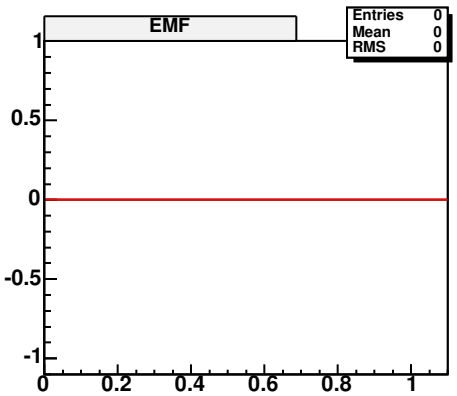


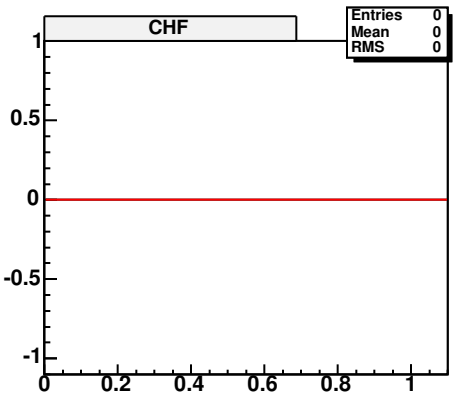
Jets (Cone R 0.7 (no cuts))

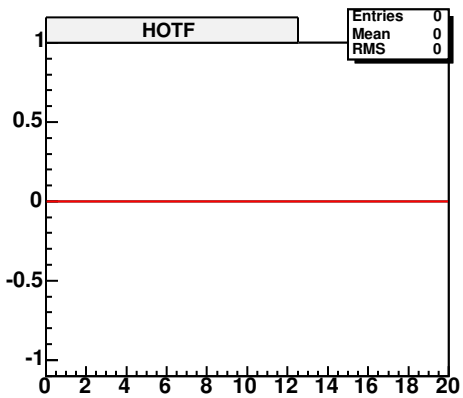


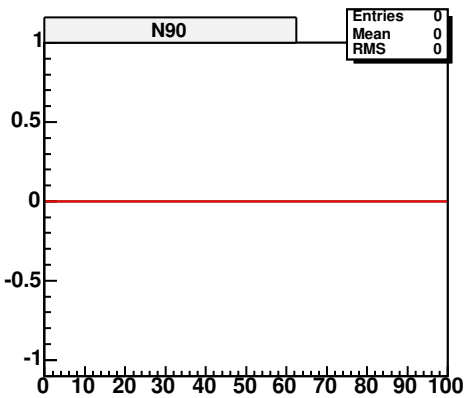


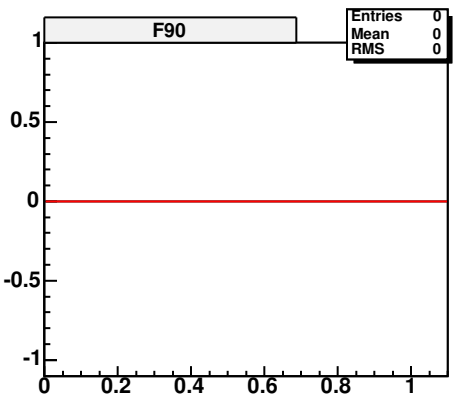


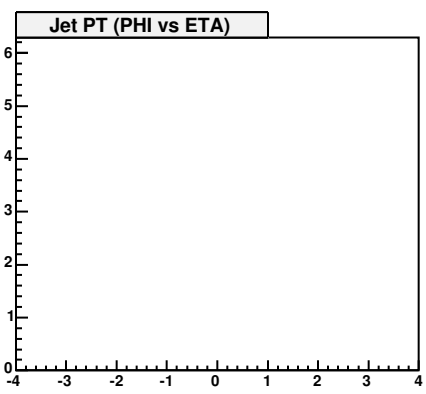




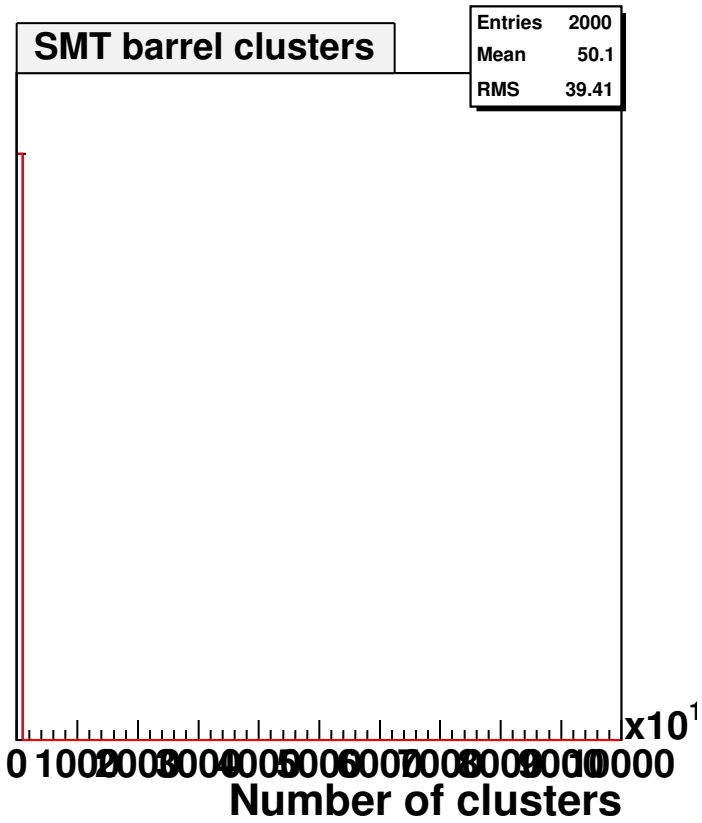


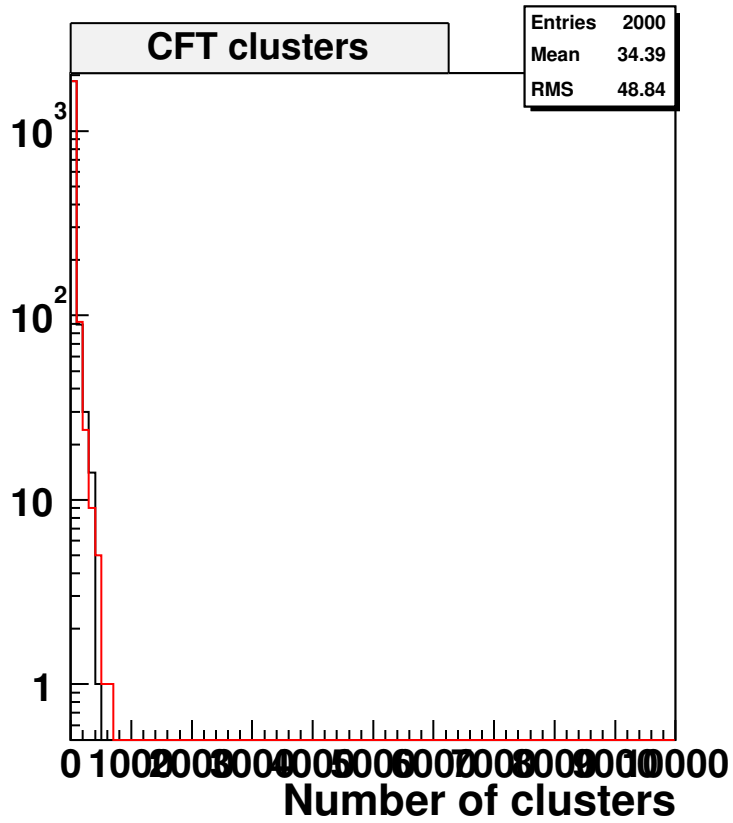


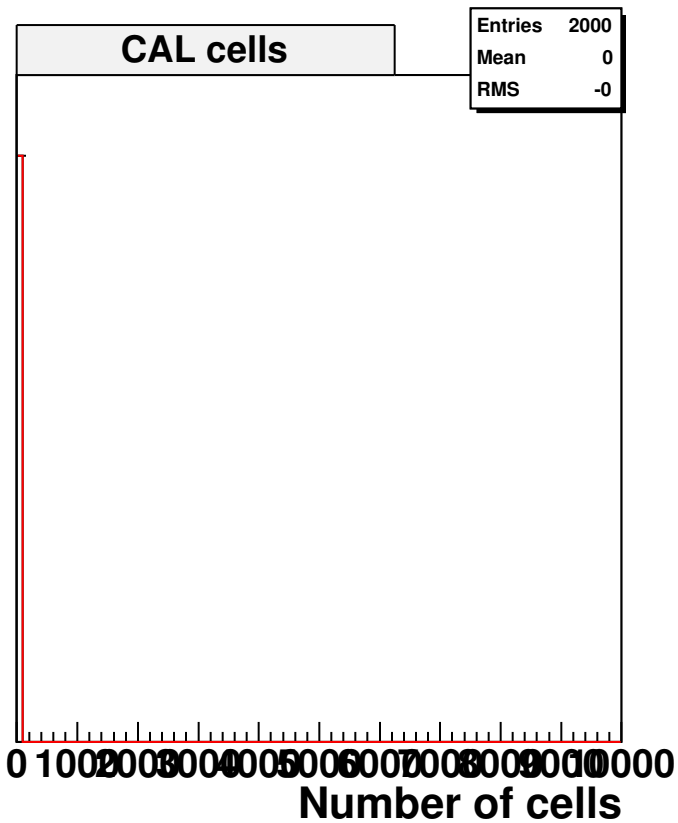


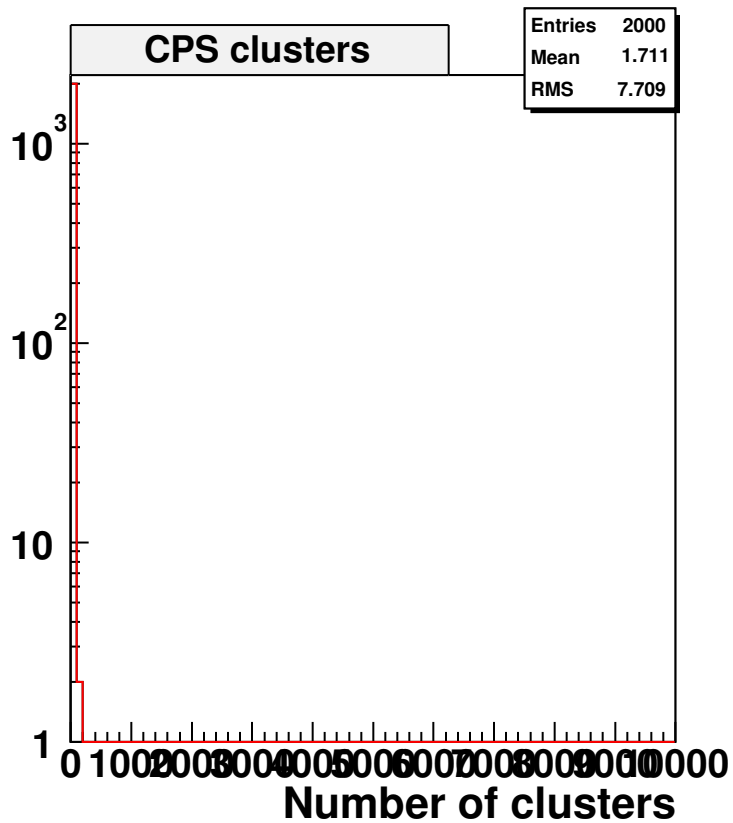


Jets (Cone R 0.7 (standard cuts))

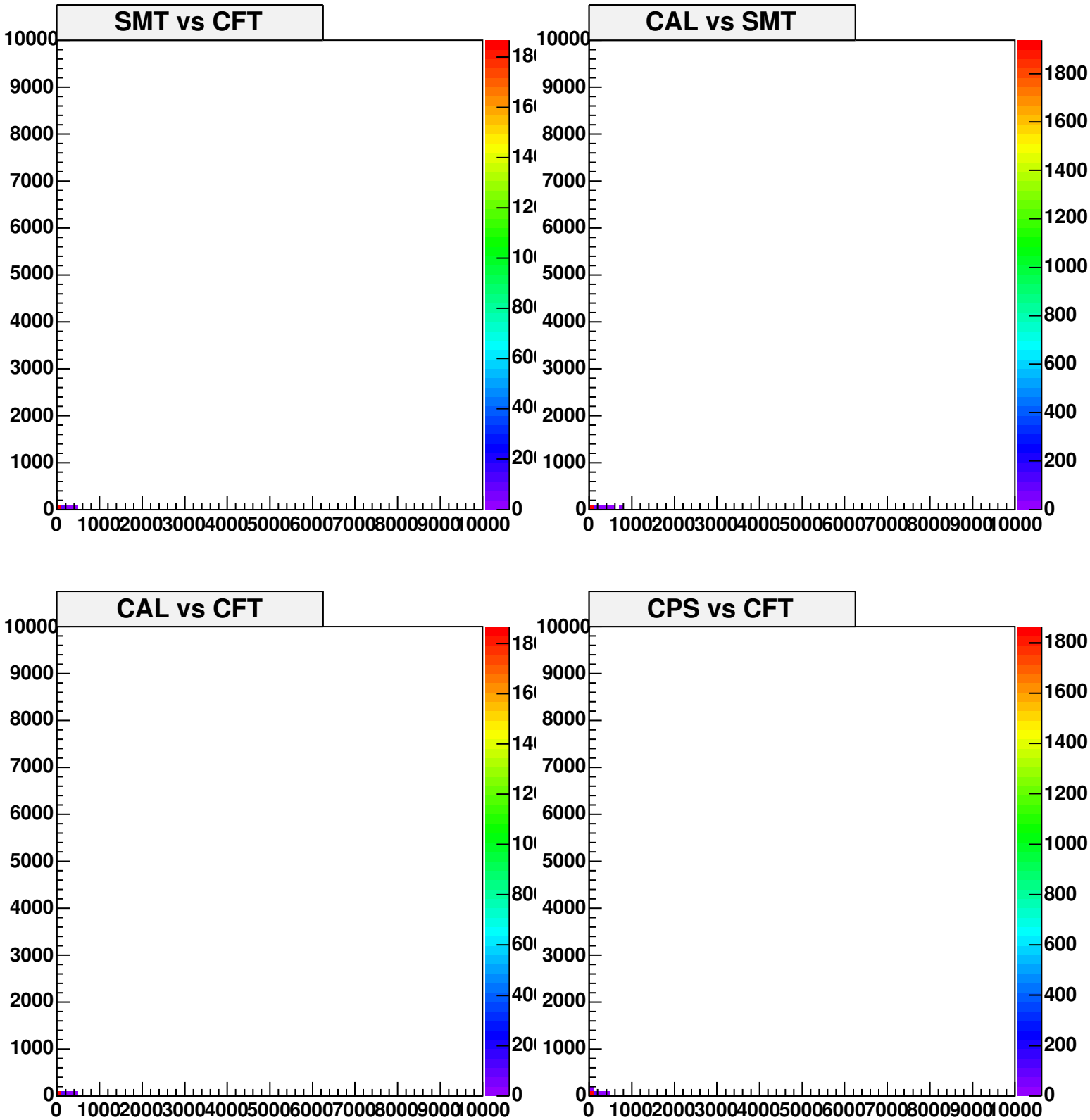




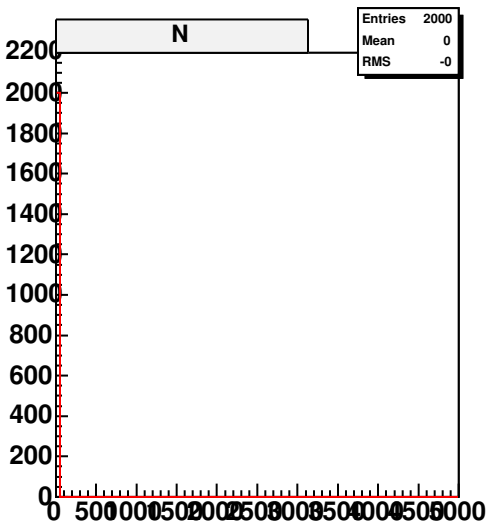


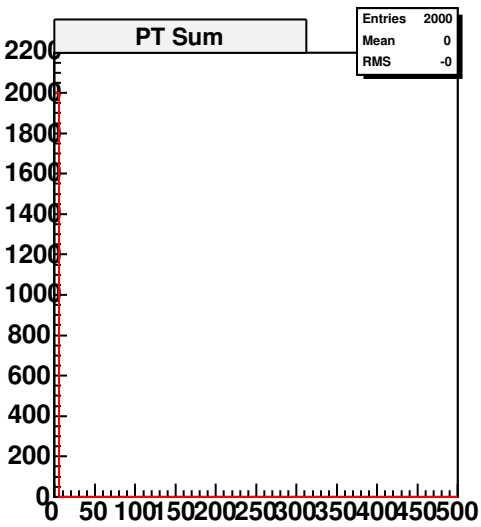


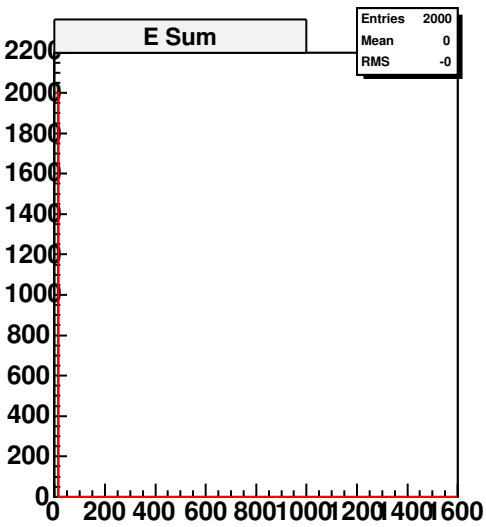
Detector Occupancy (Detector)

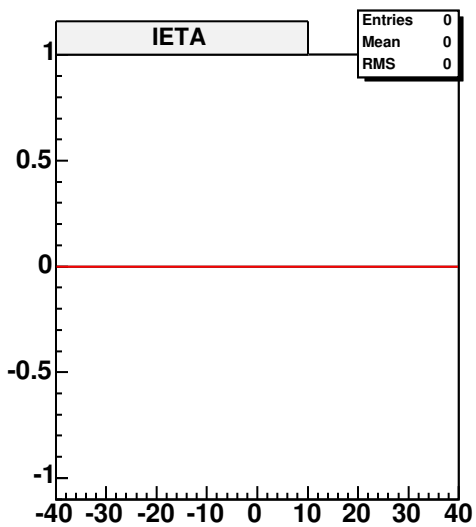


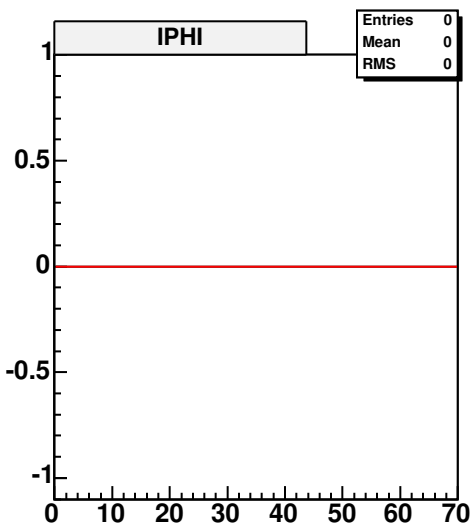
Detector Occupancy (Detector)

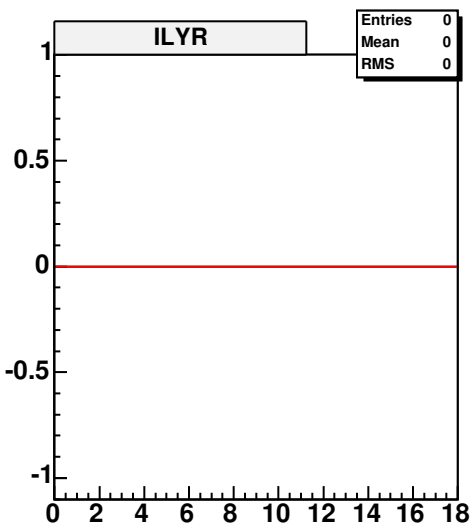


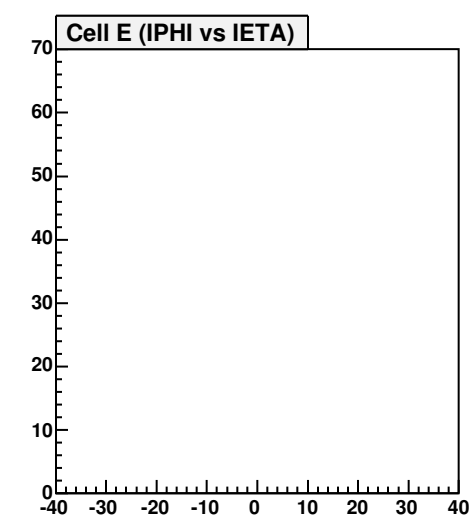


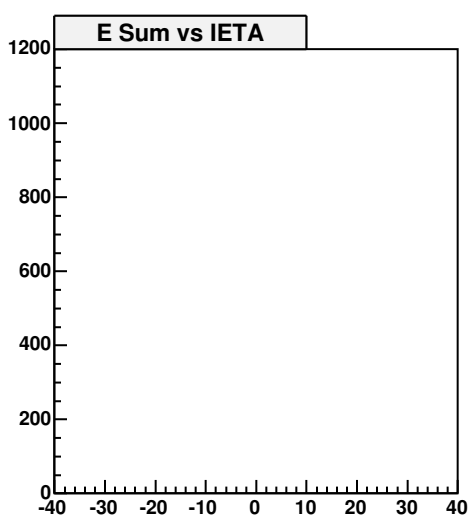


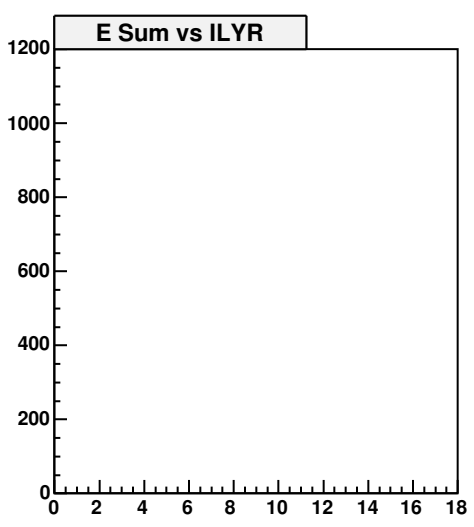




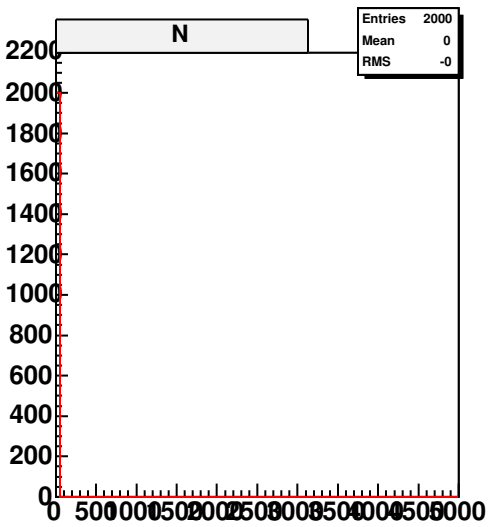


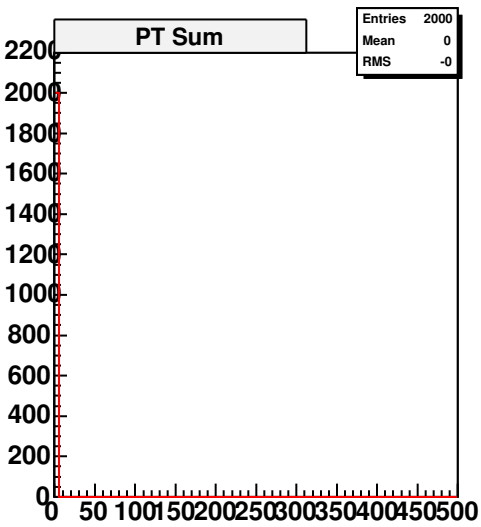


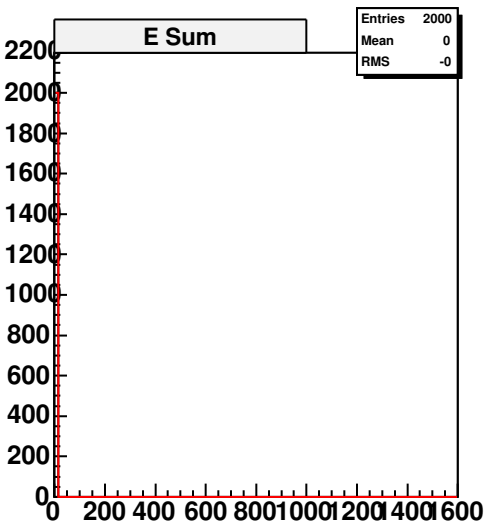


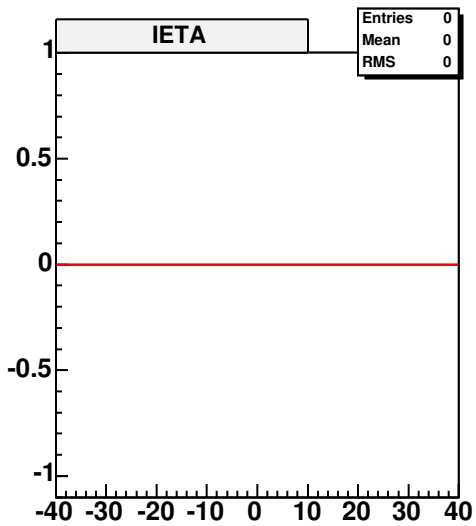


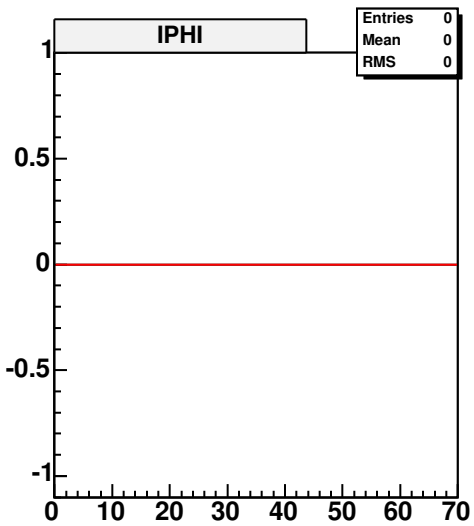
Calorimeter (All cells)

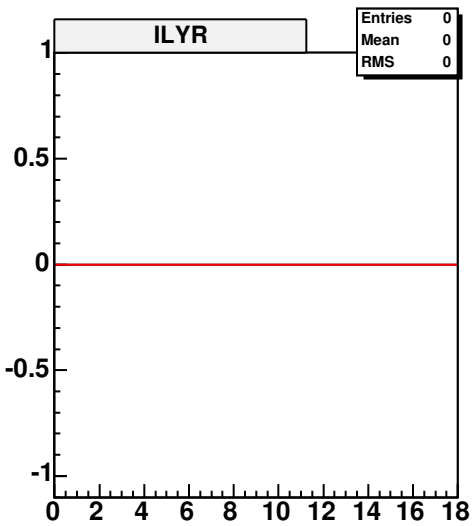


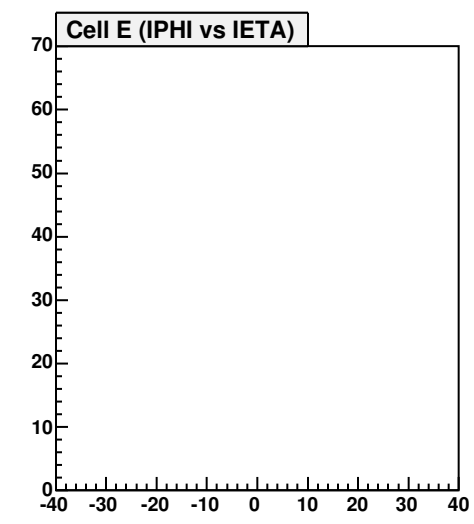


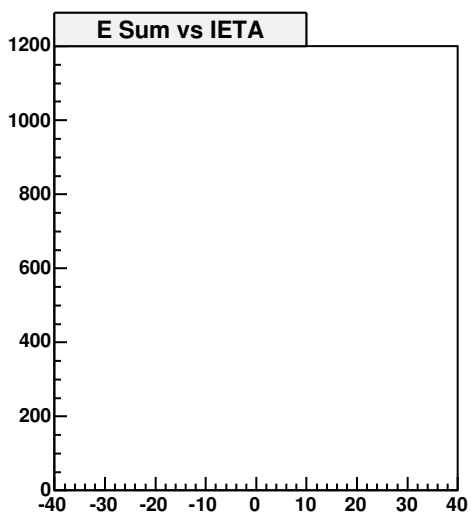


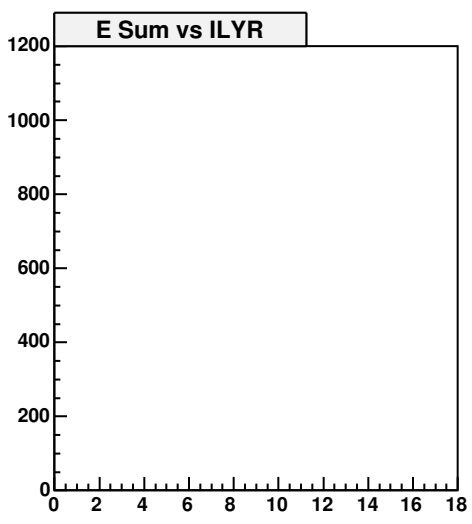




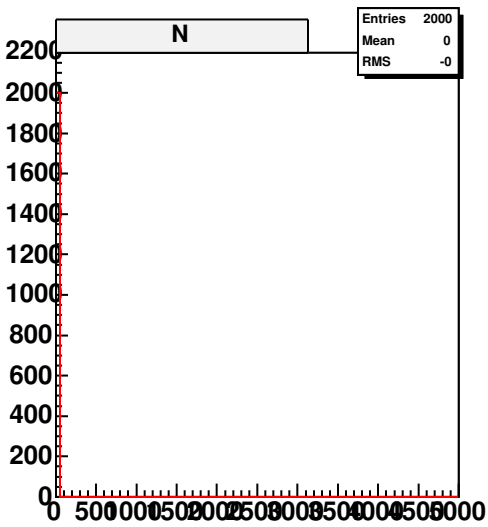


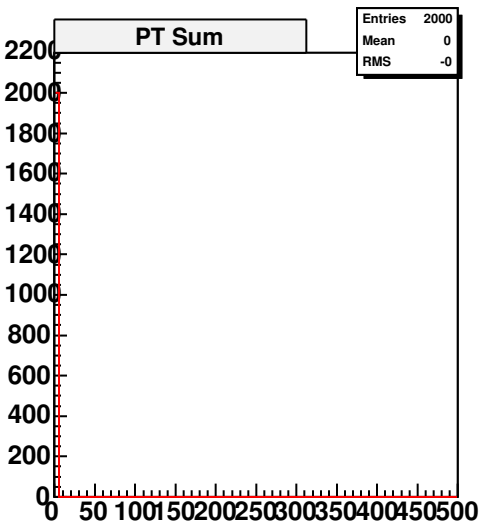


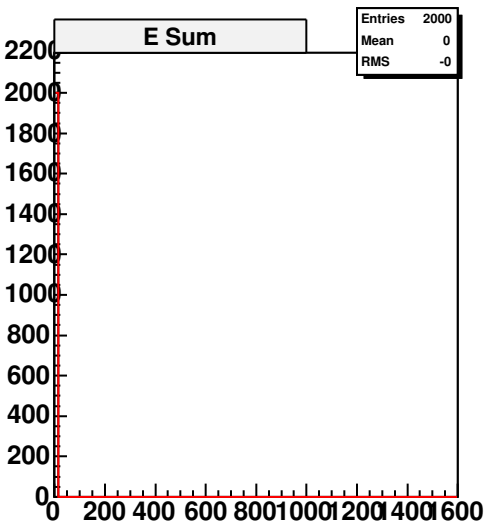


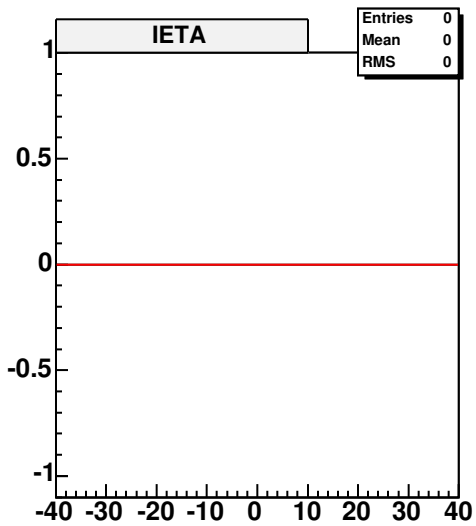


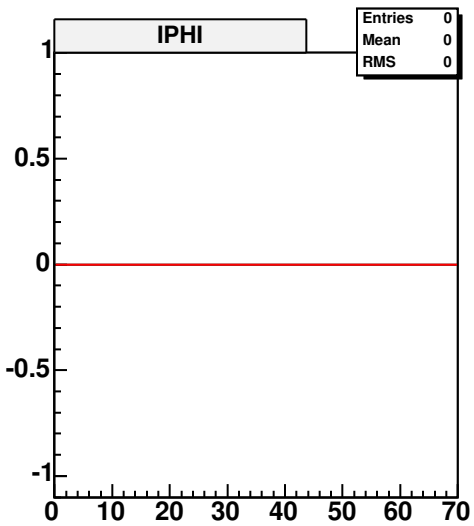
Calorimeter (All CC cells)

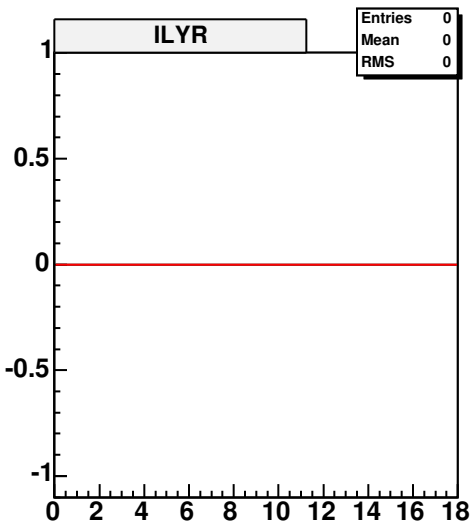


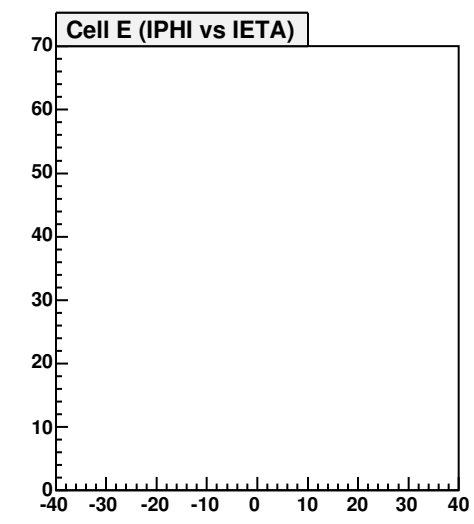


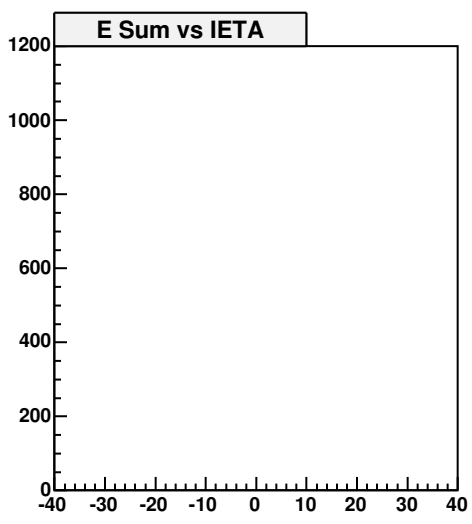


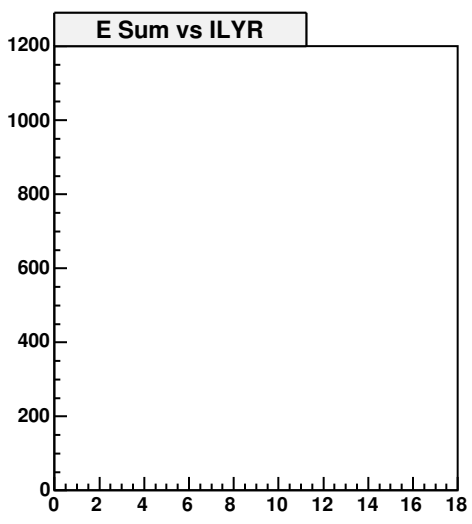




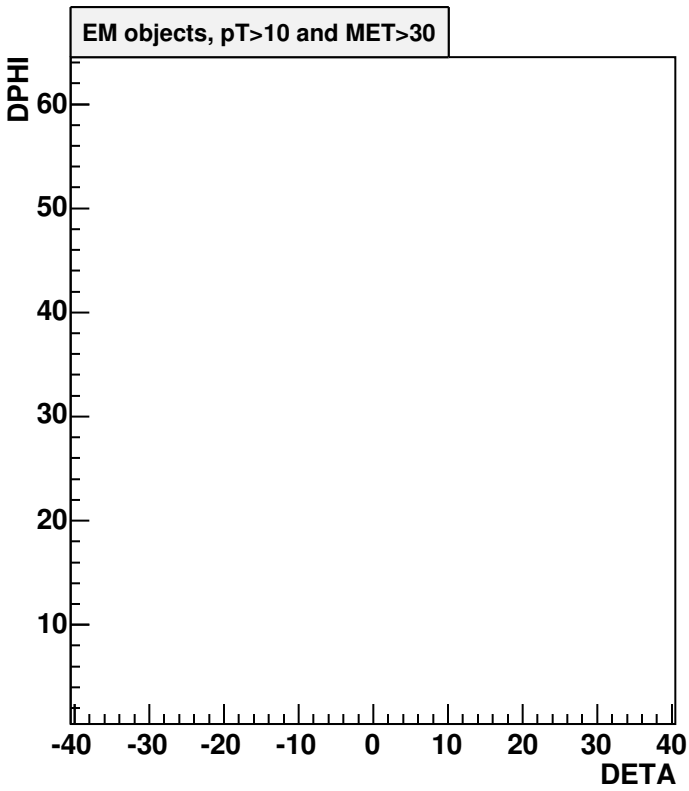


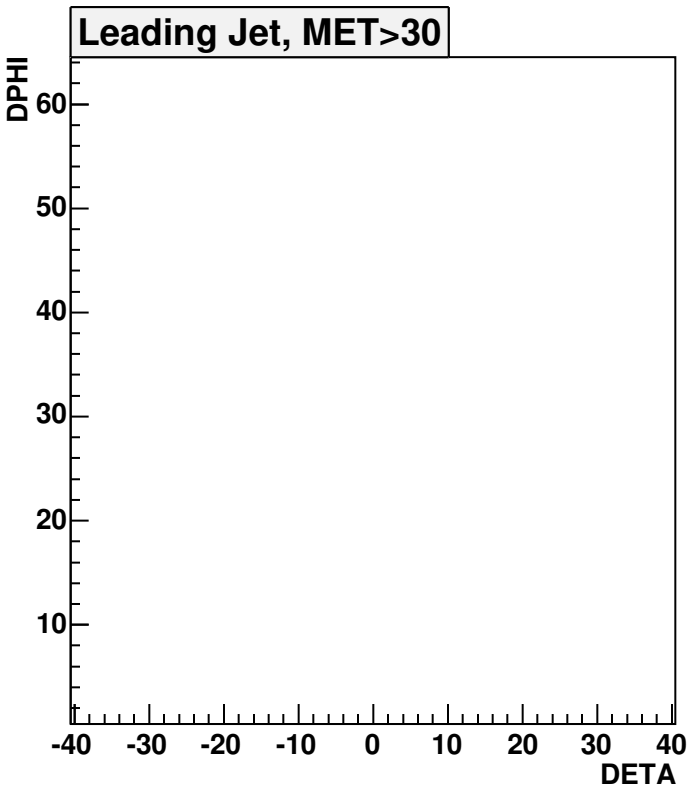


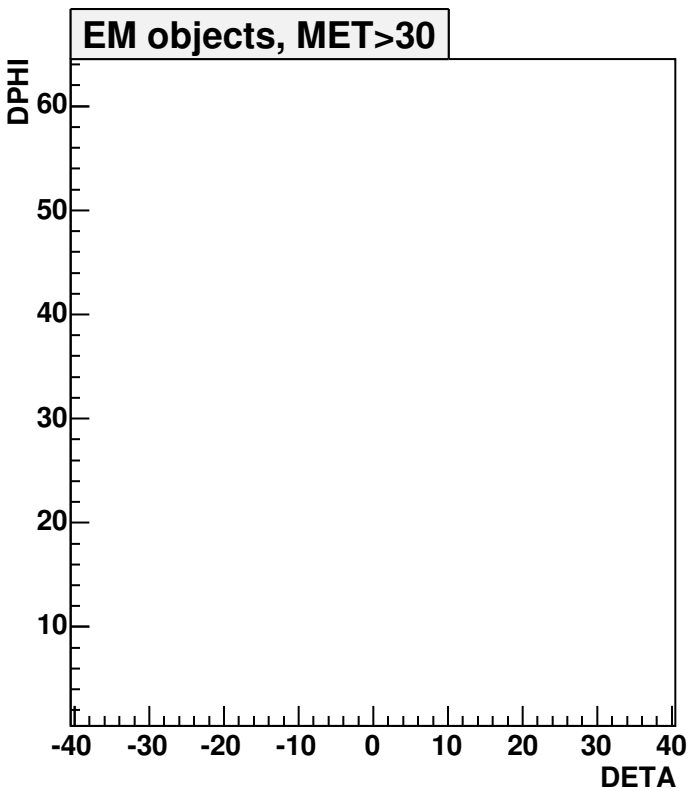




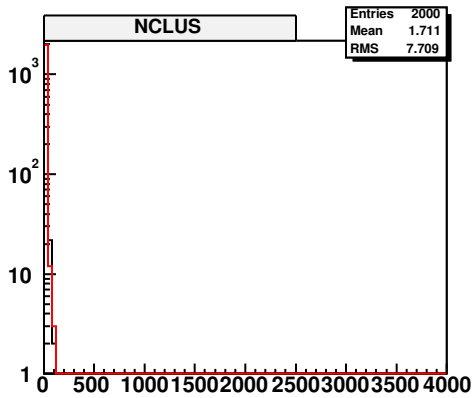
Calorimeter (All EC cells)

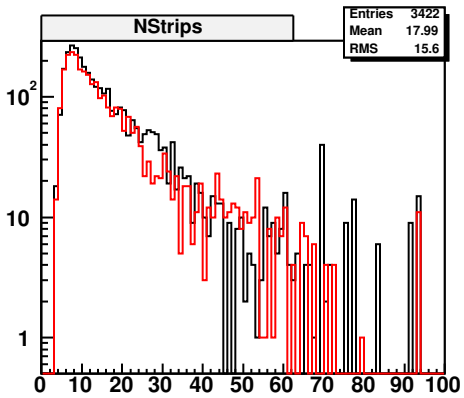


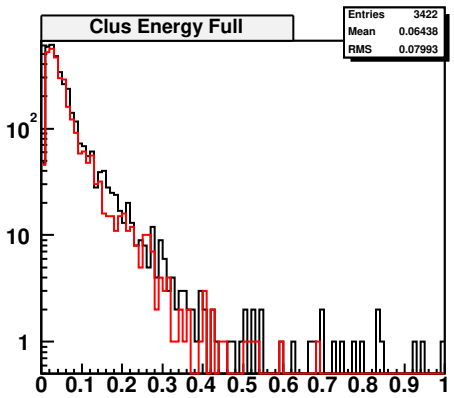


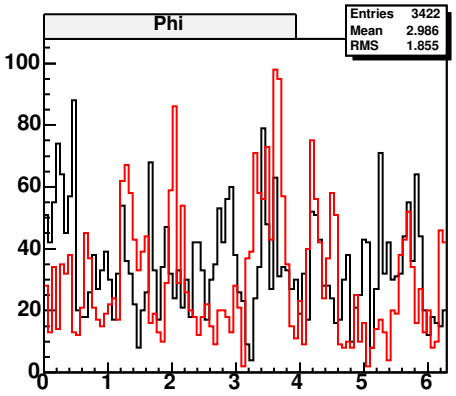


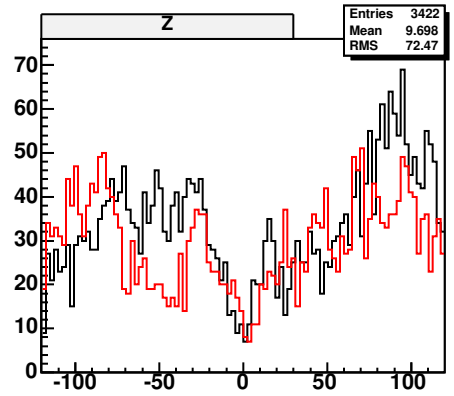
Calorimeter (All cells)

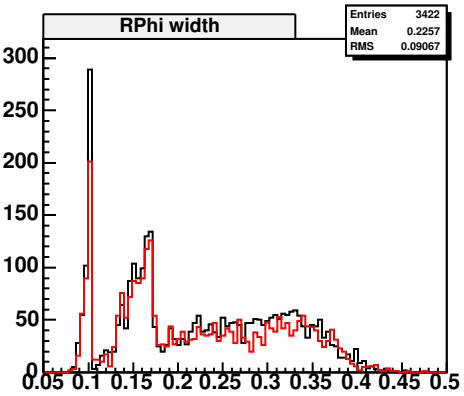


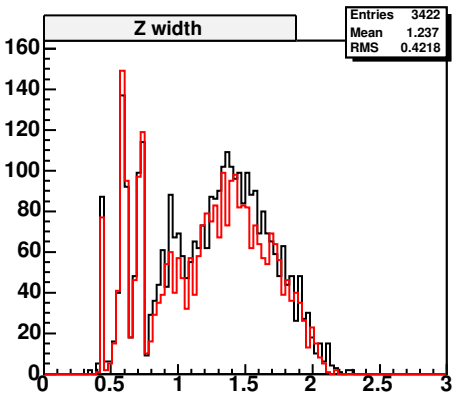


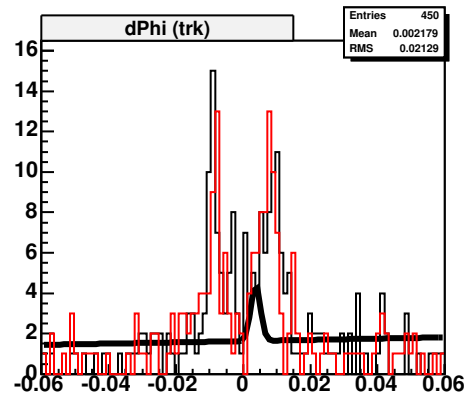


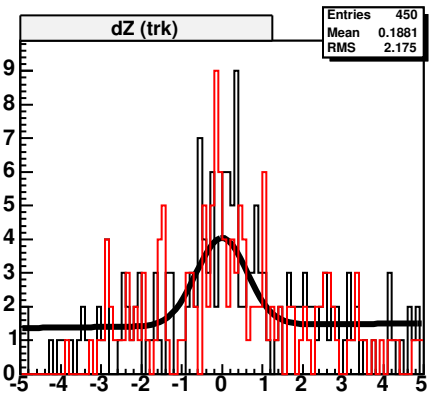


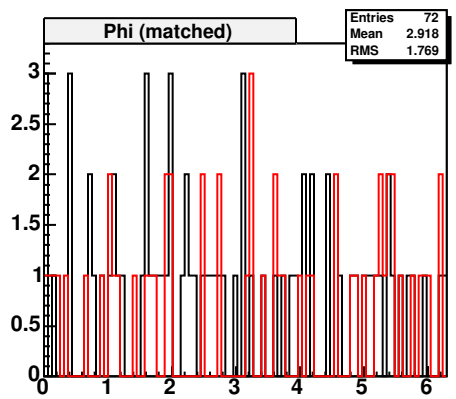


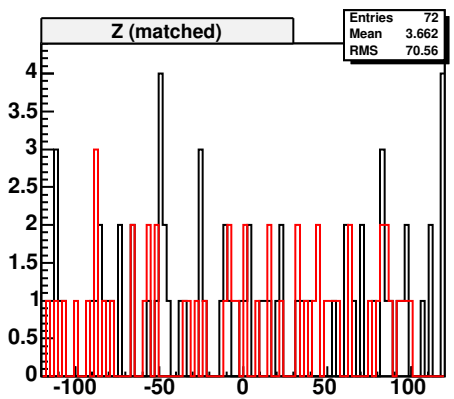




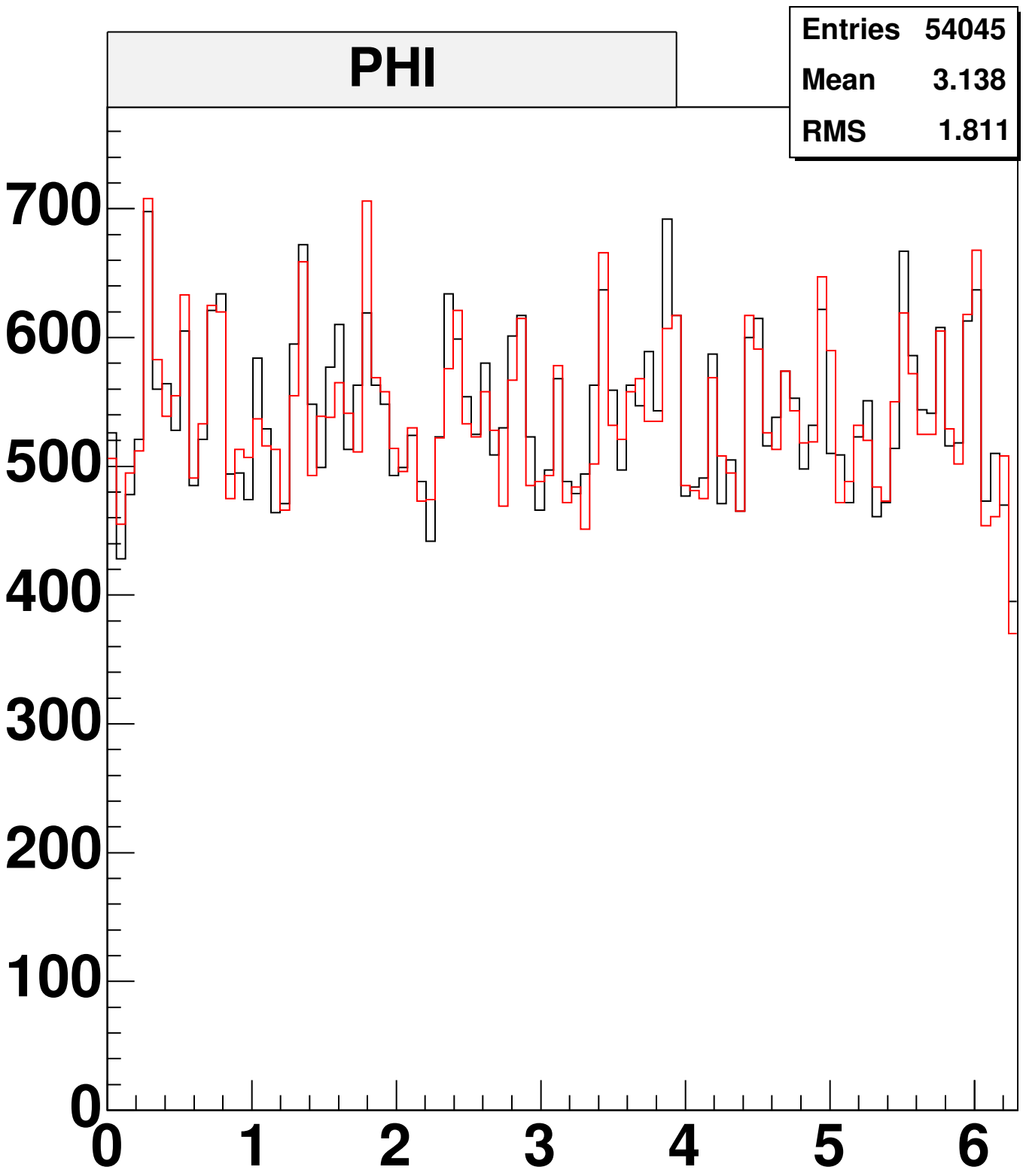








CPS Clusters (All Clusters)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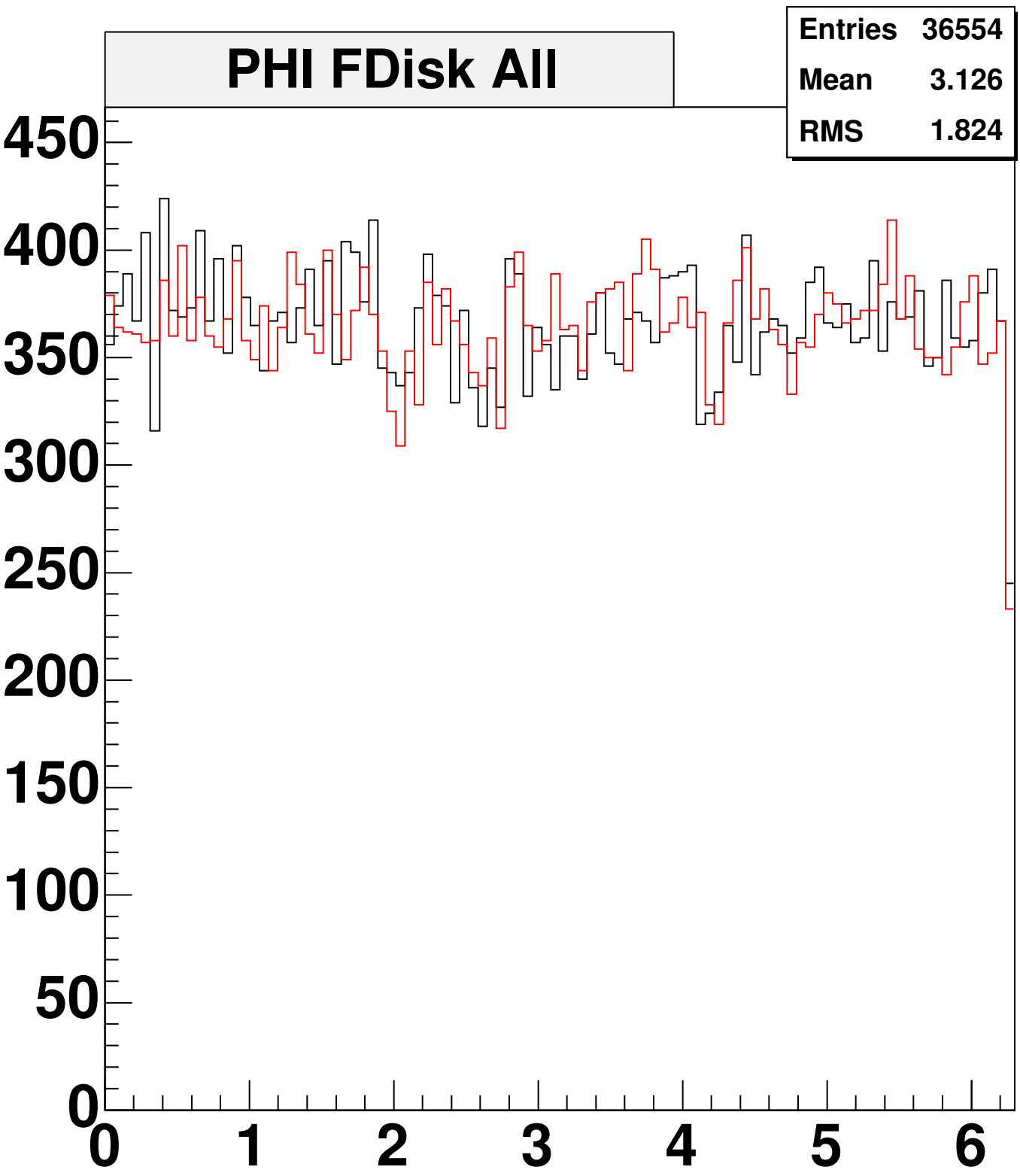
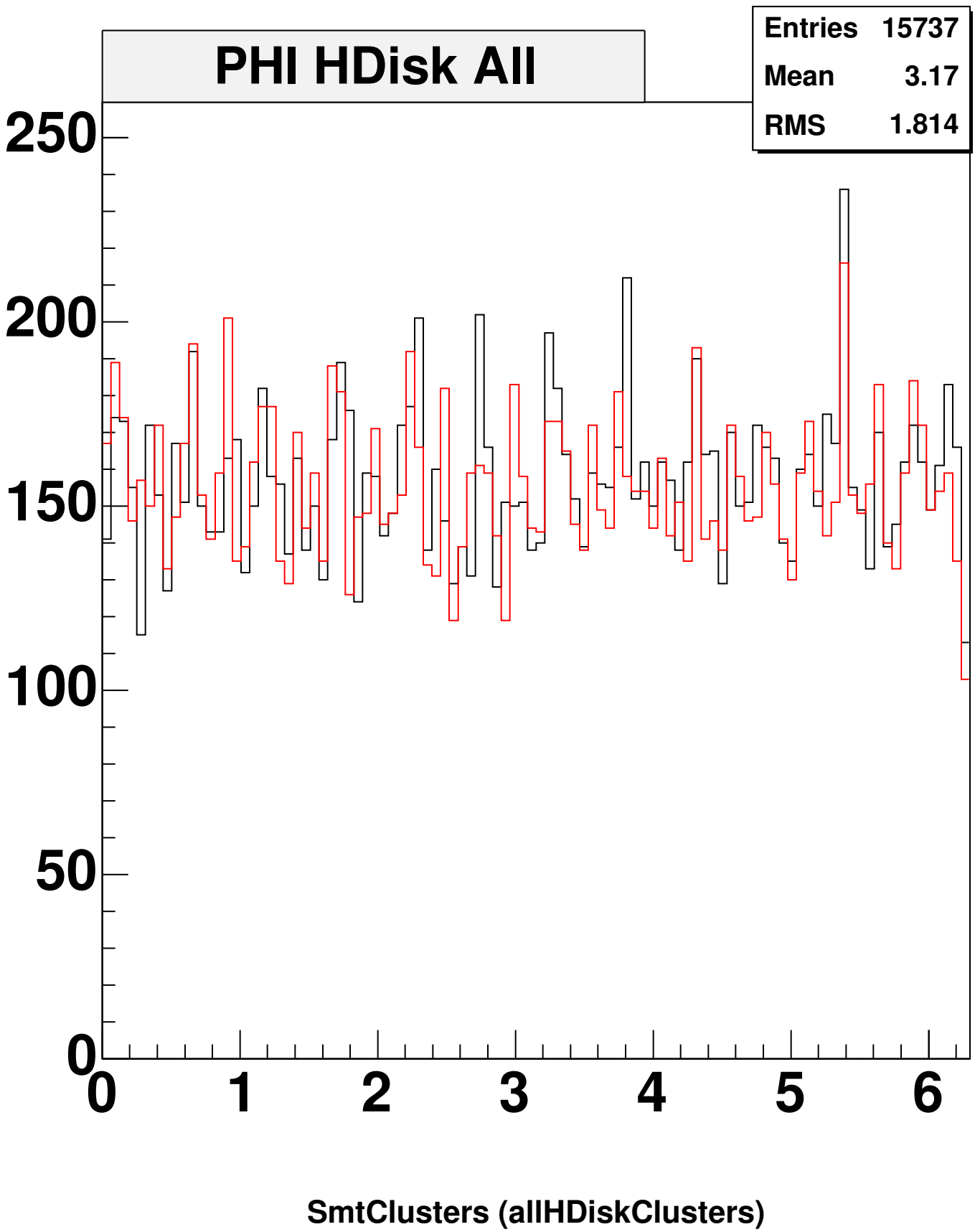
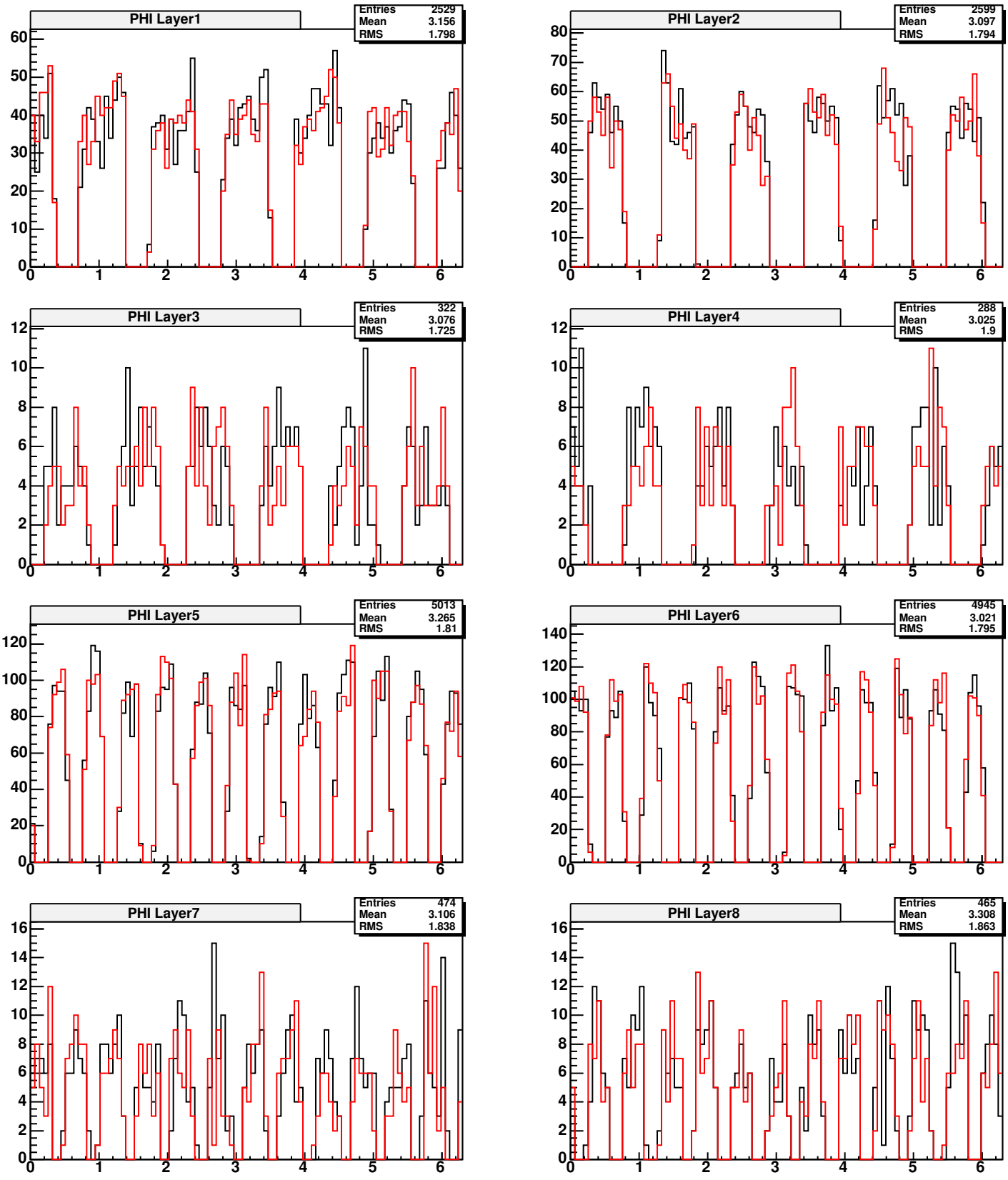
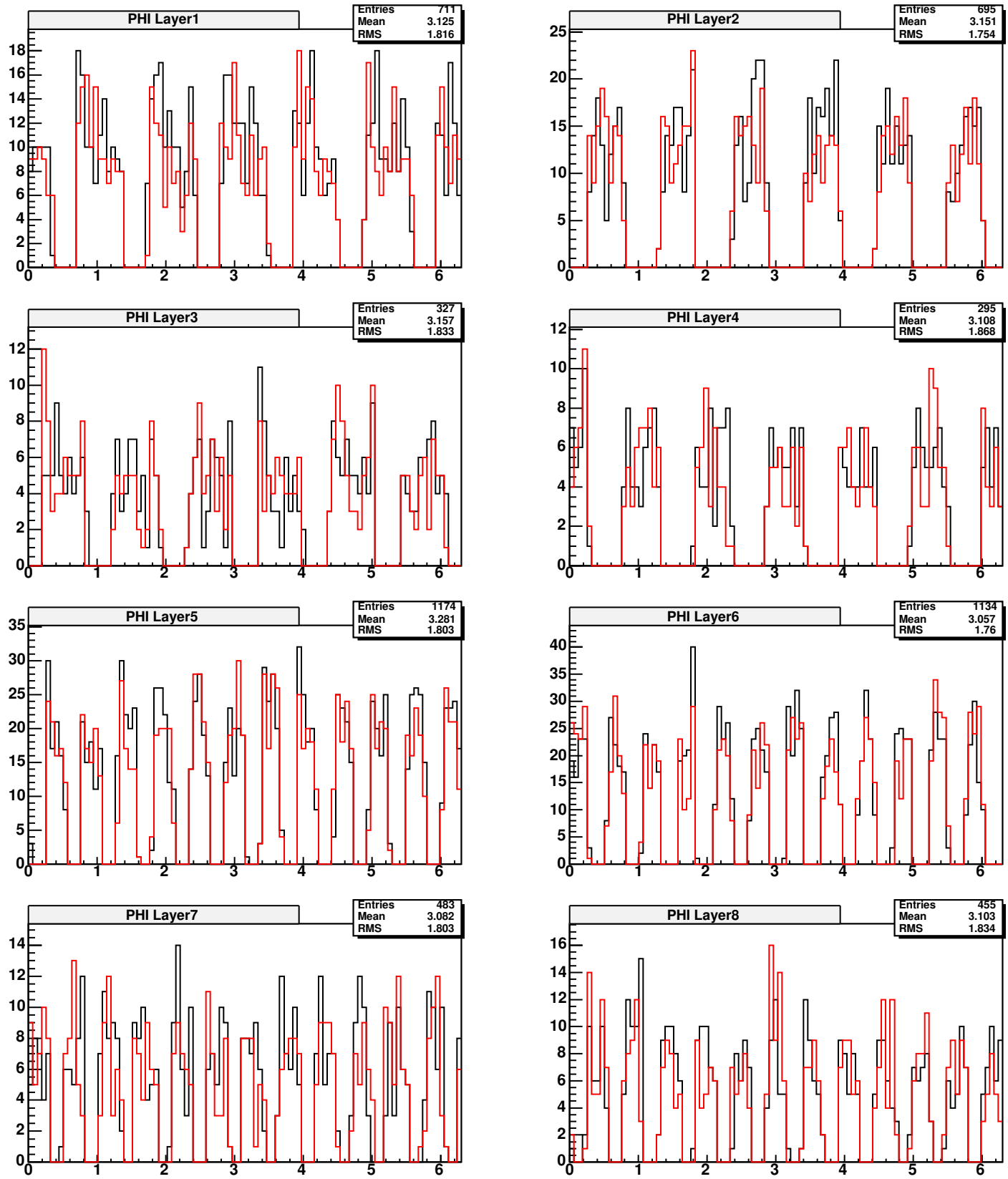
Entries 54045
Mean 3.138
RMS 1.811
700
600
500
400
300
200
100
0
0
1
2
3
4
5
6
SmtClusters (allBarClusters)


PHI FDisk All
Entries 36554
Mean 3.126
RMS 1.824
450
400
350
300
250
200
150
100
50
0
0
1
2
3
4
5
6
SmtClusters (allFDiskClusters)

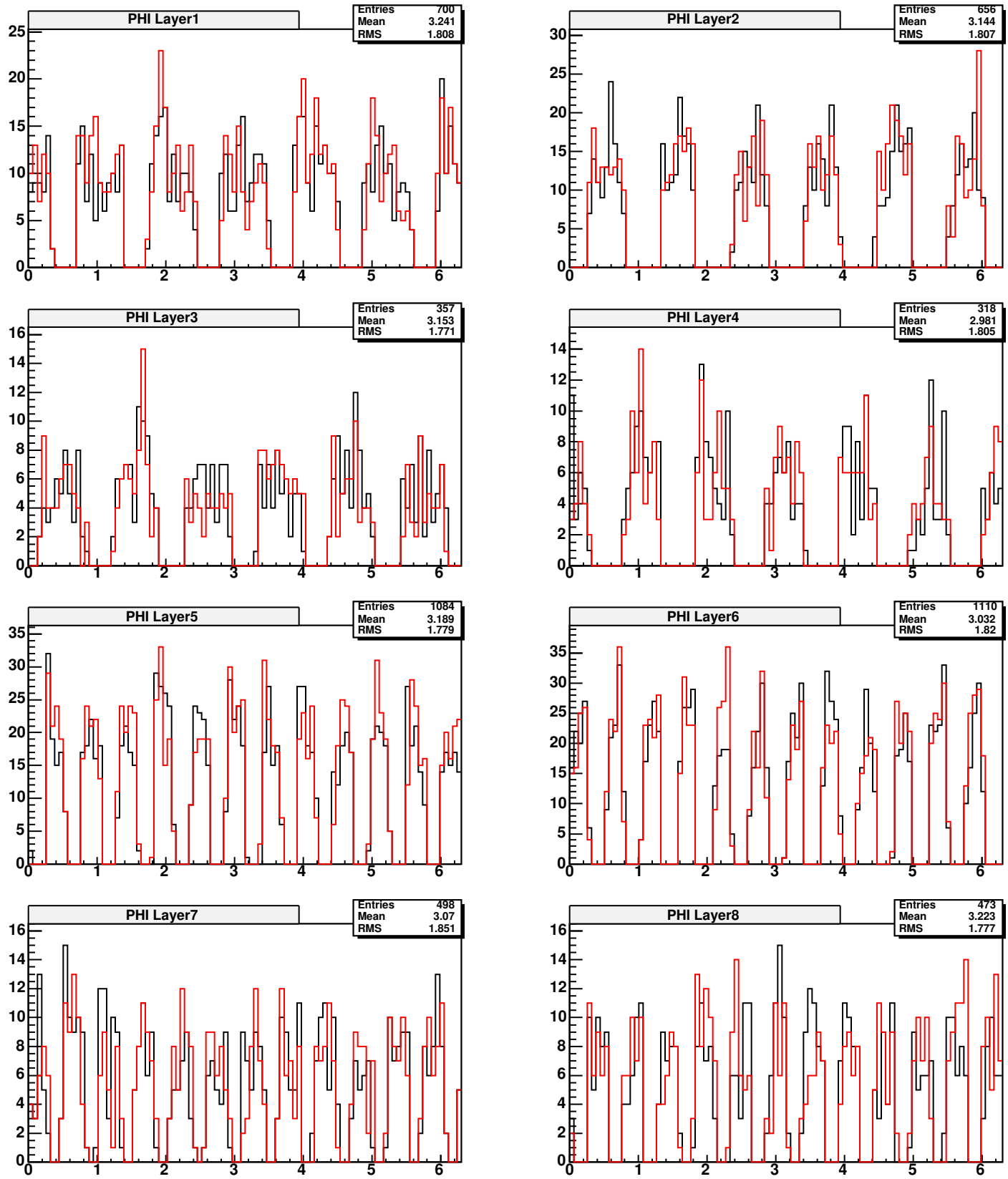

PHI HDisk All
Entries 15737
Mean 3.17
RMS 1.814
250
200
150
100
50
0
0
1
2
3
4
5
6
SmtClusters (allHDiskClusters)



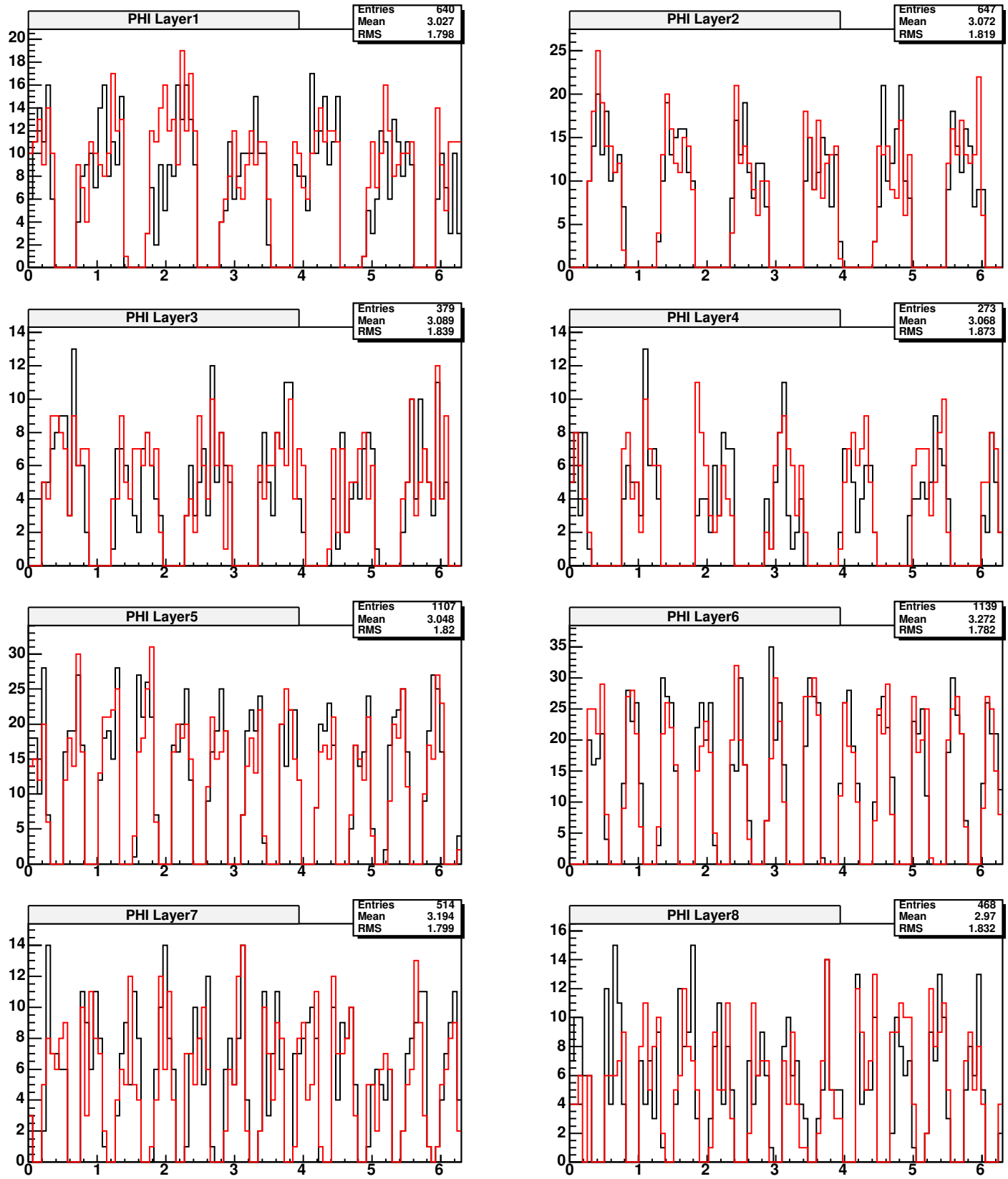
SmtClusters (ClustrBar1)



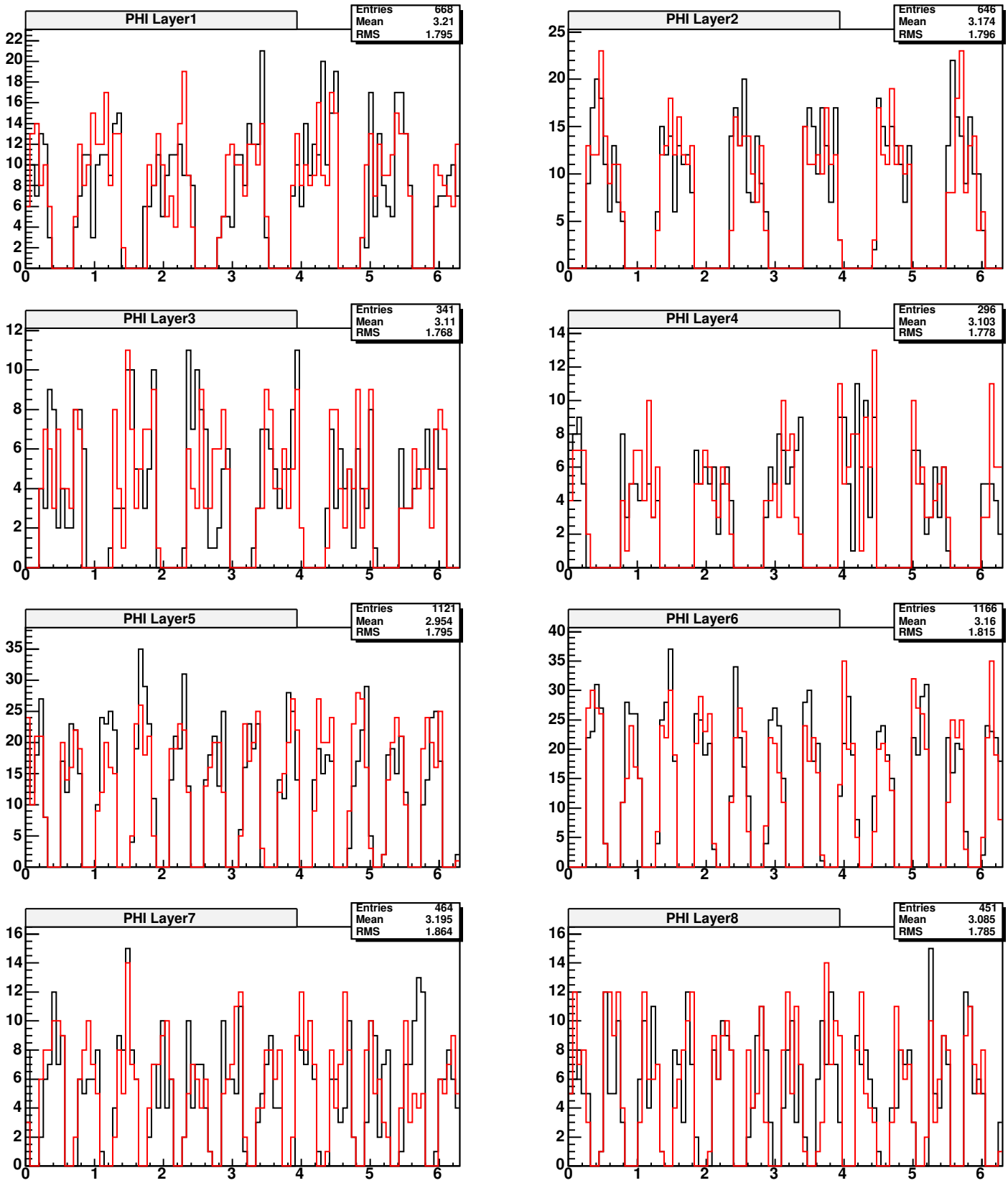
SmtClusters (ClustrBar2)



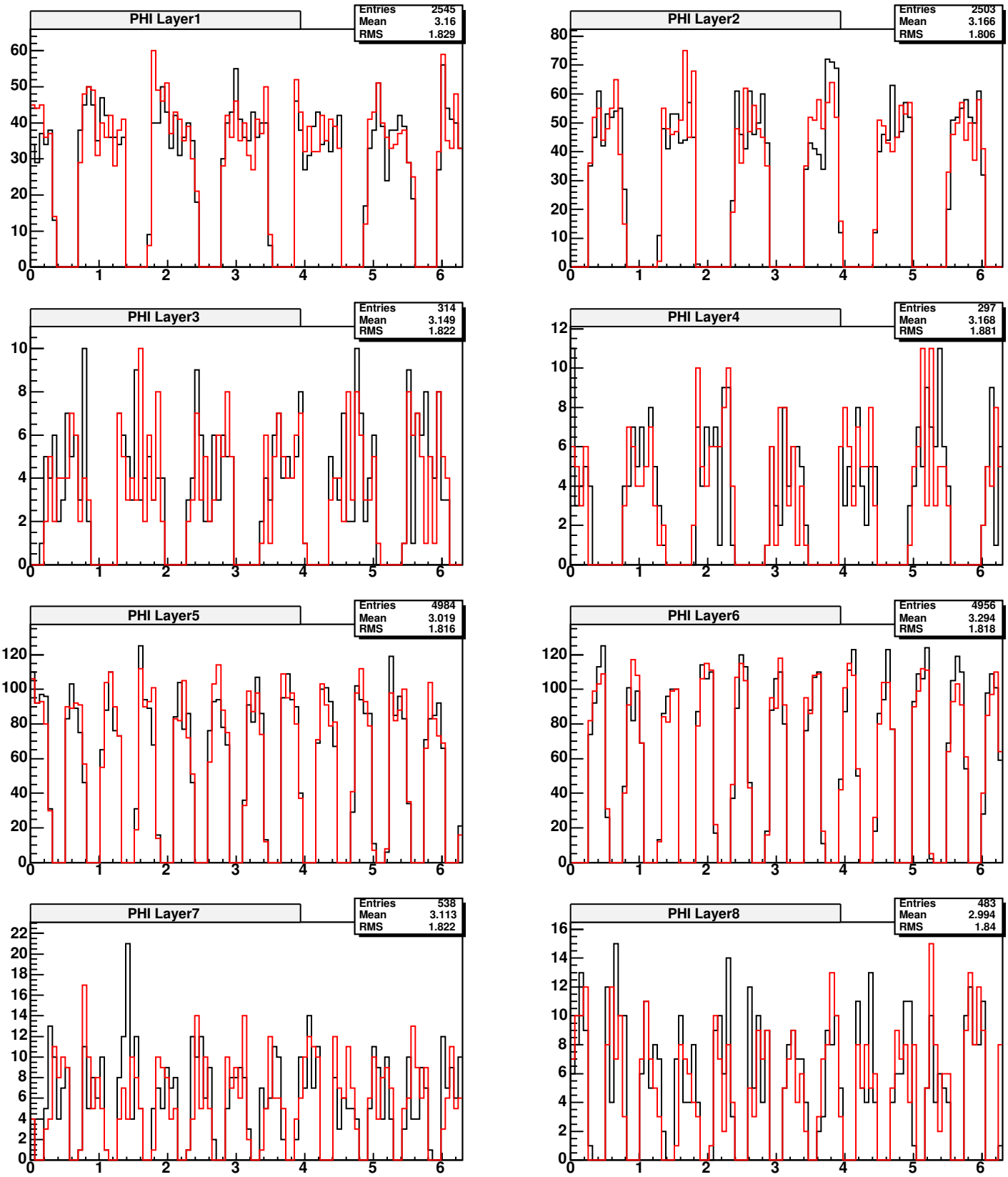
SmtClusters (ClustrBar3)



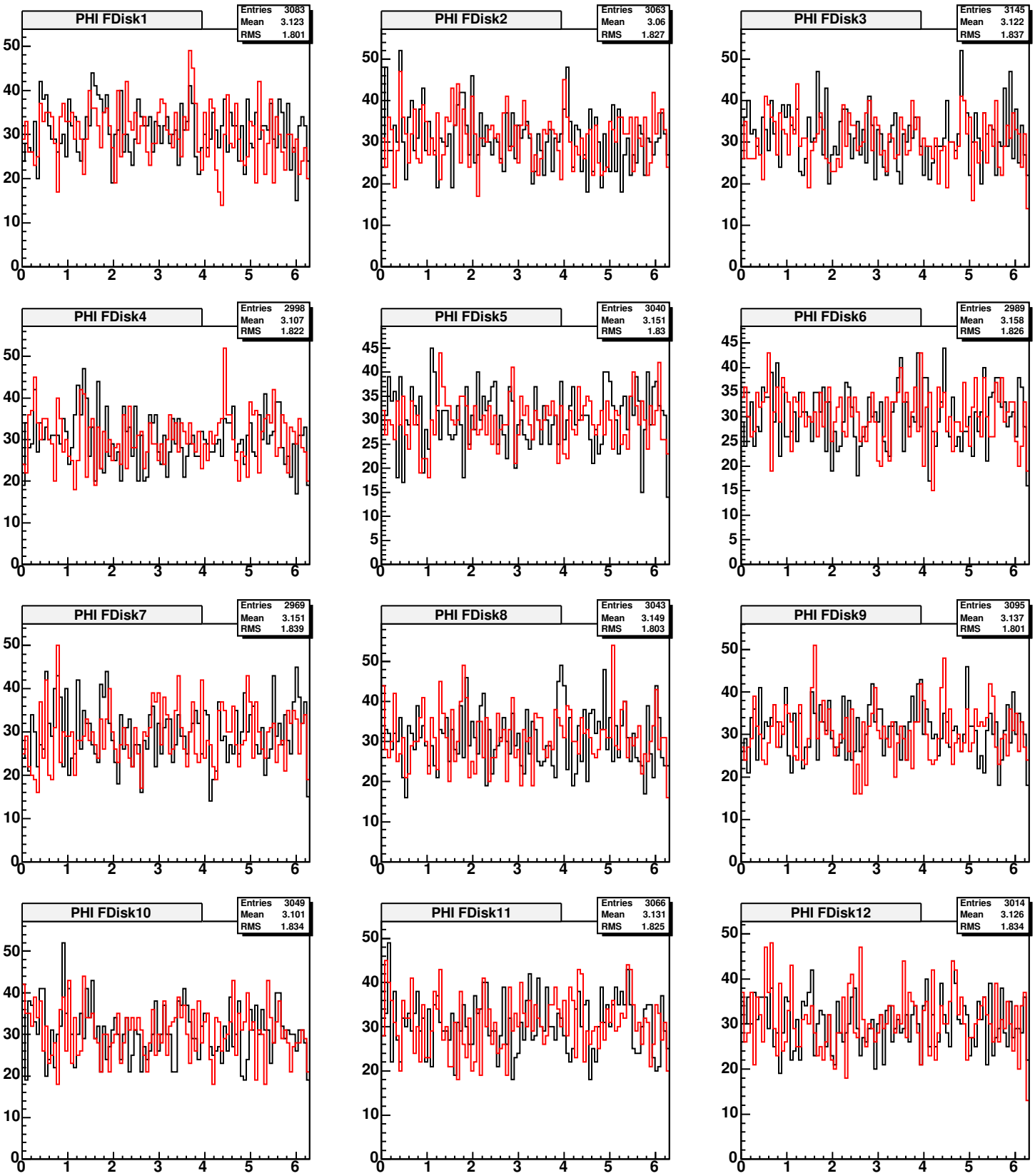
SmtClusters (ClustrBar4)



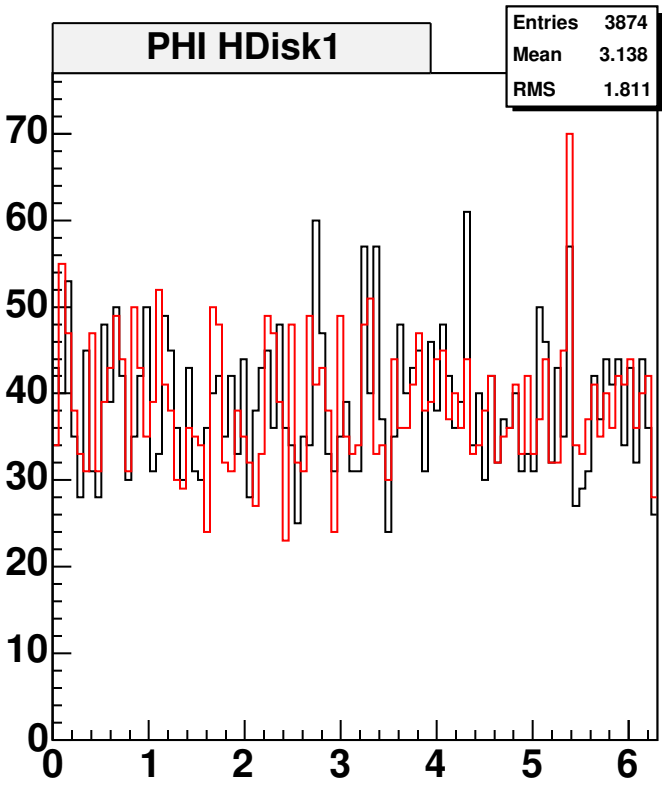
SmtClusters (ClustrBar5)

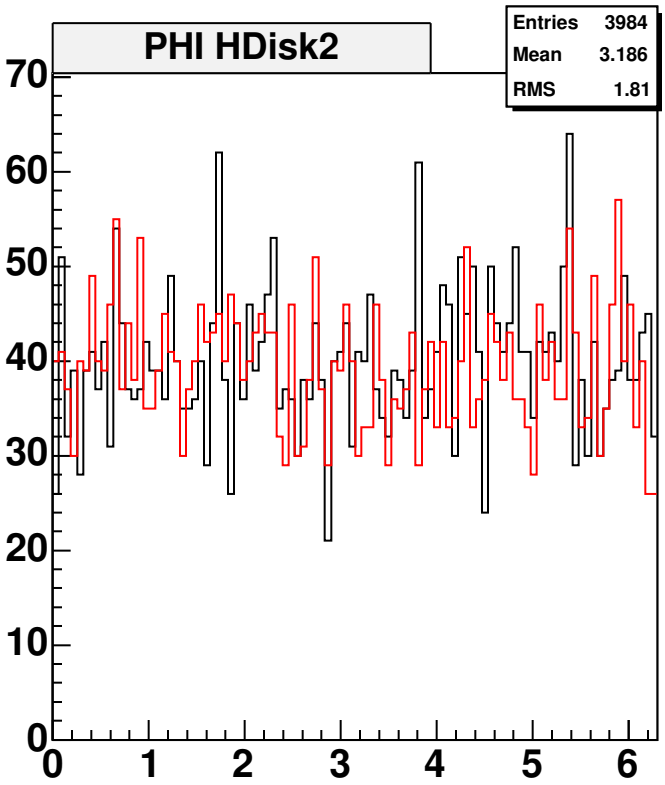


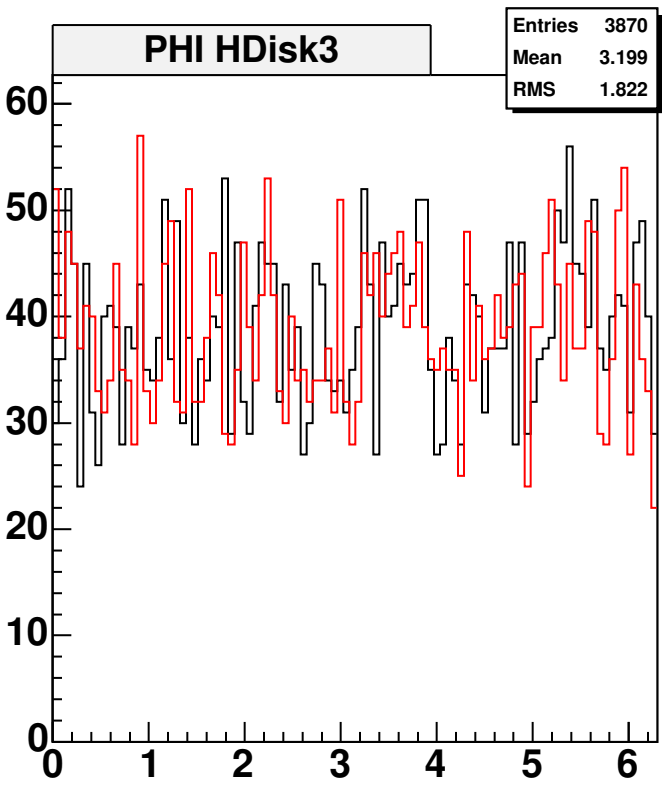
SmtClusters (ClustrBar6)

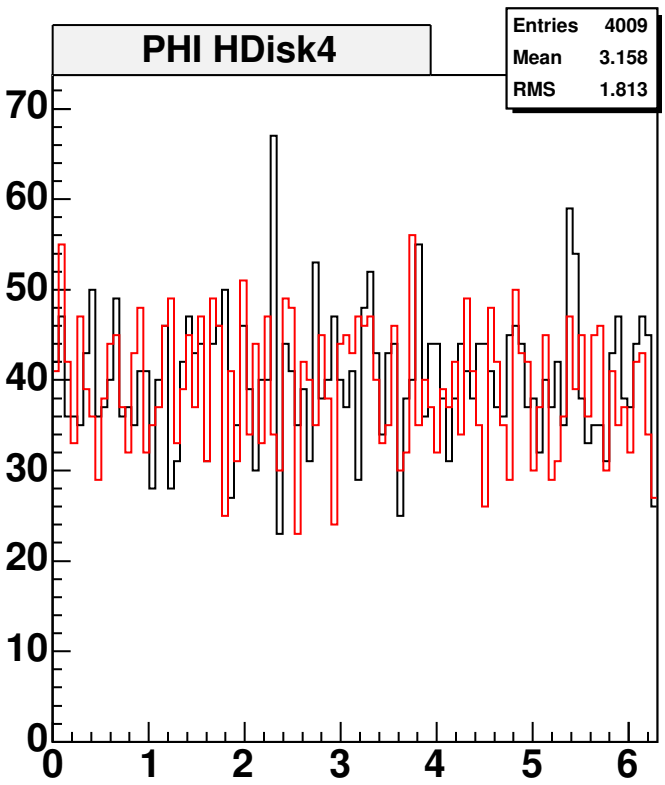


SmtClusters (FDiskClusters)

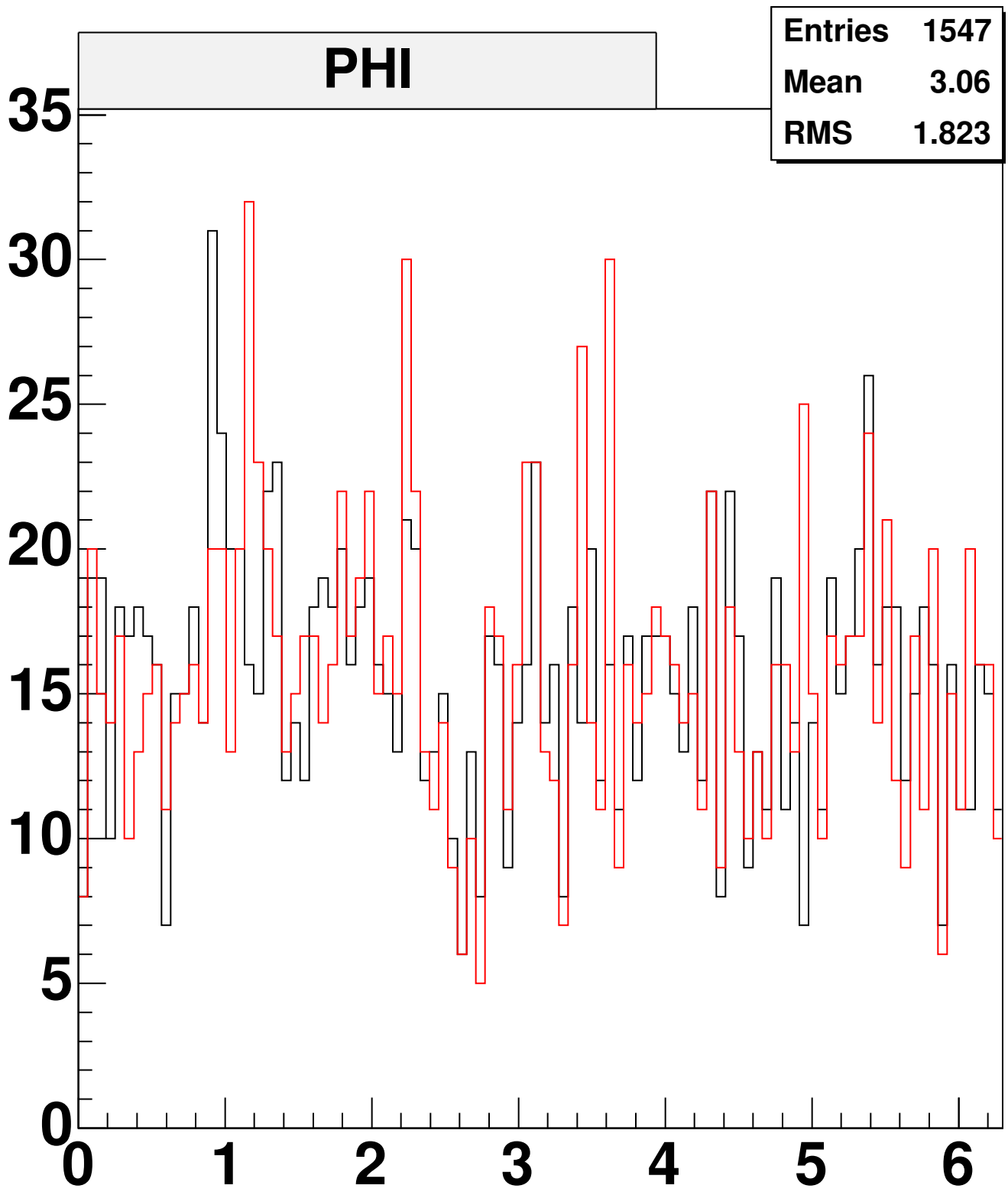


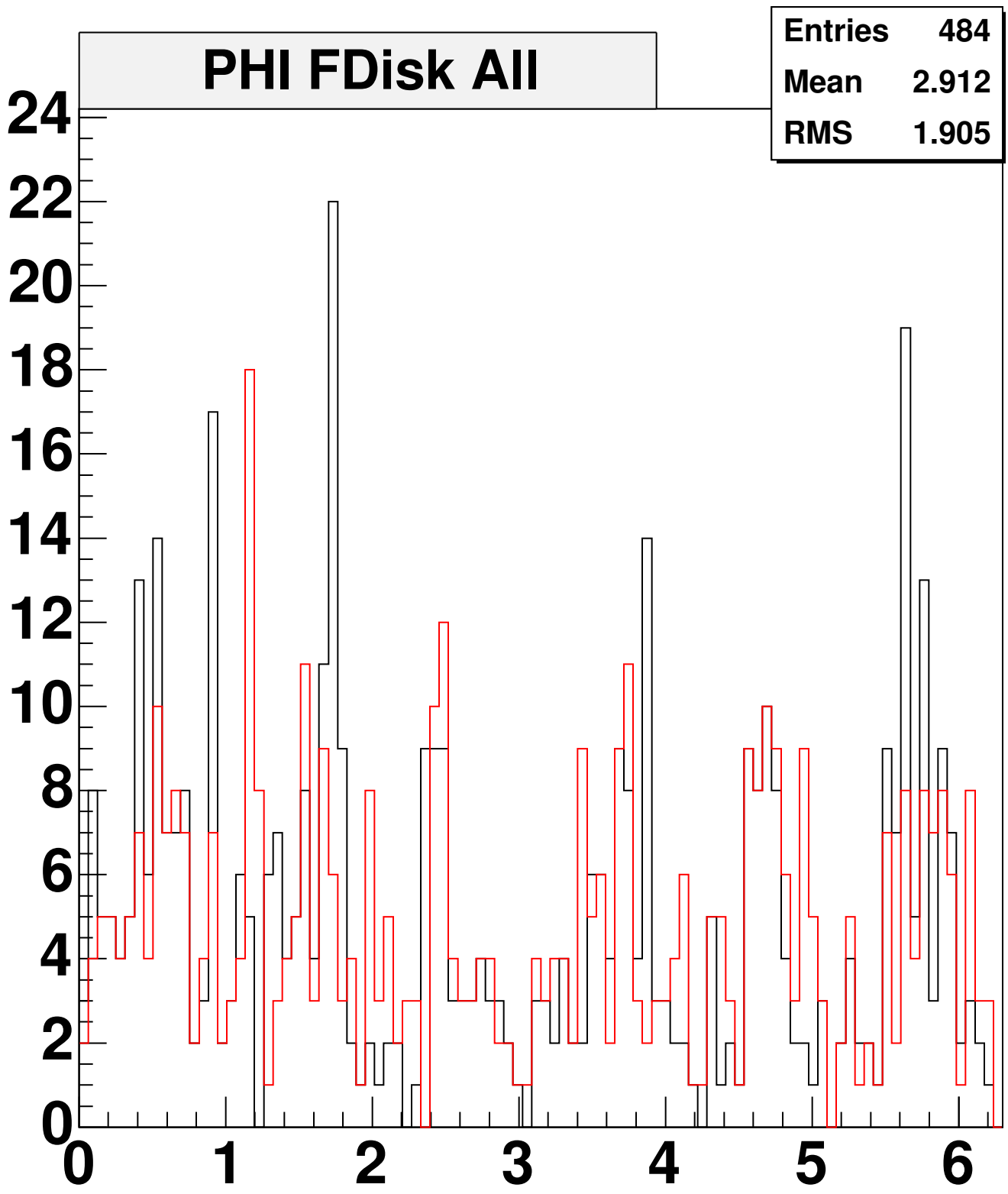


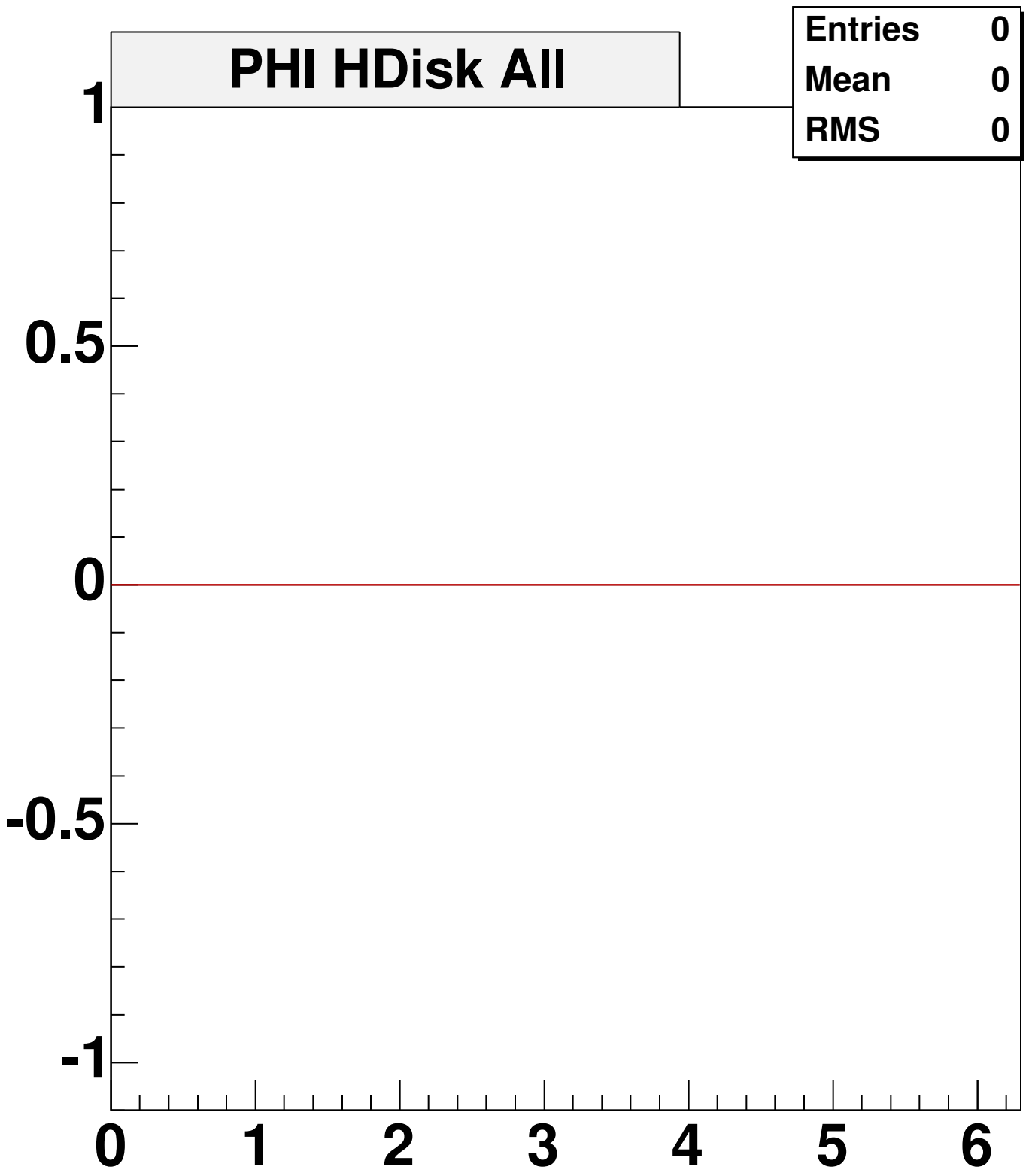




SmtClusters (HDiskClusters)


PHI
Entries 1547
Mean 3.06
RMS 1.823
35
30
25
20
15
10
5
0
0
1
2
3
4
5
6
SmtClusters (allBarTClusters)


PHI FDisk All
Entries 484
Mean 2.912
RMS 1.905
24
22
20
18
16
14
12
10
8
6
4
2
0
0
1
2
3
4
5
6
SmtClusters (allFDiskTClusters)


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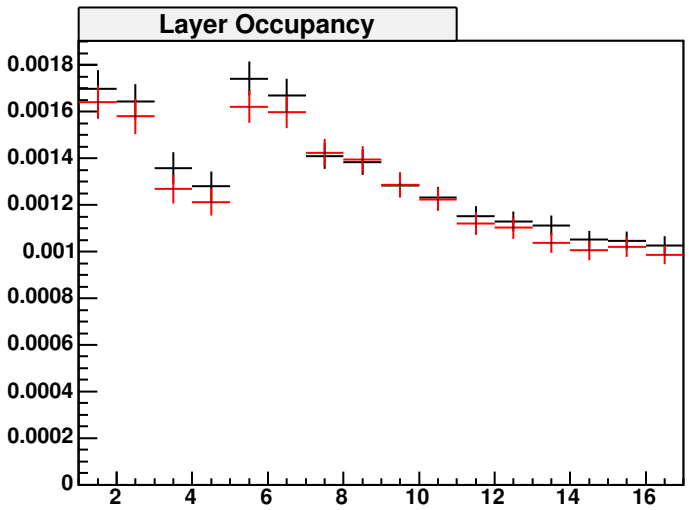
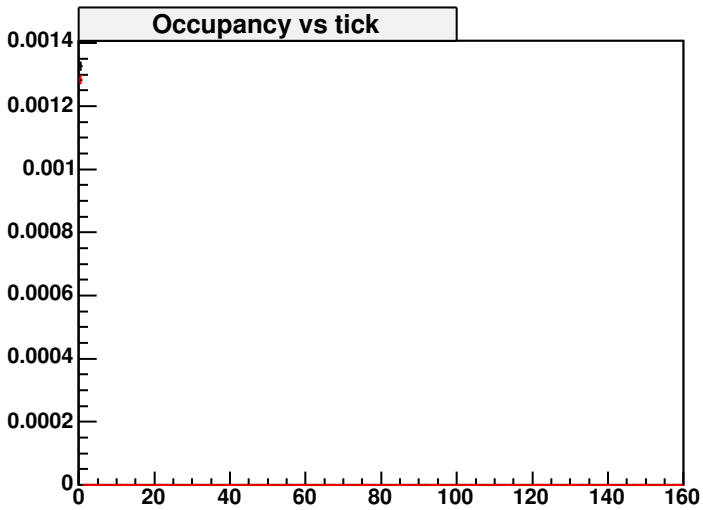
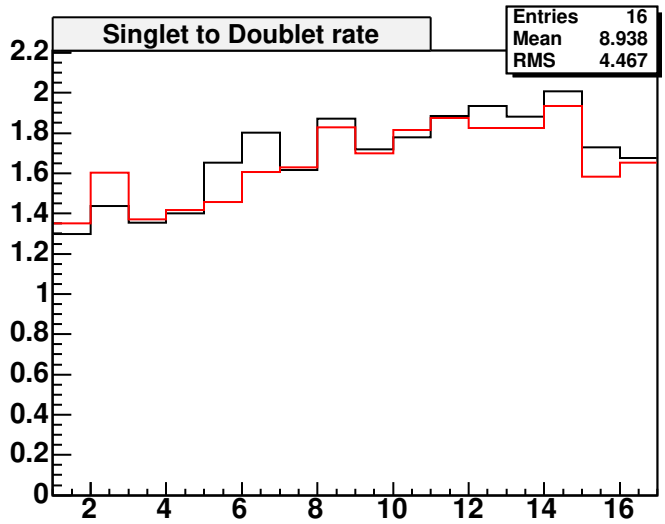
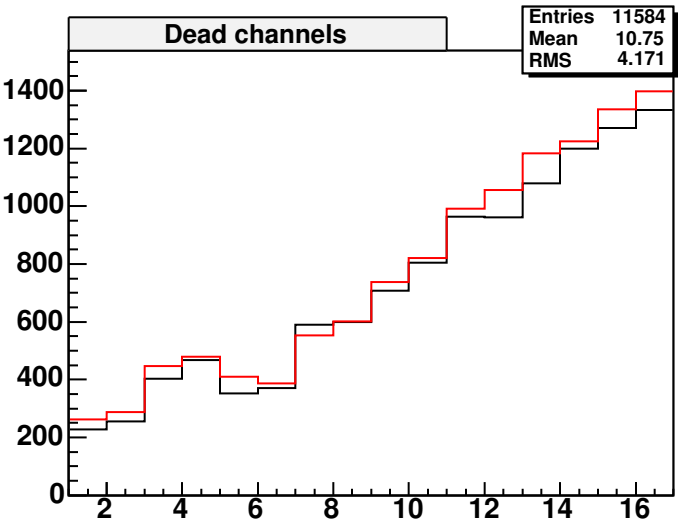
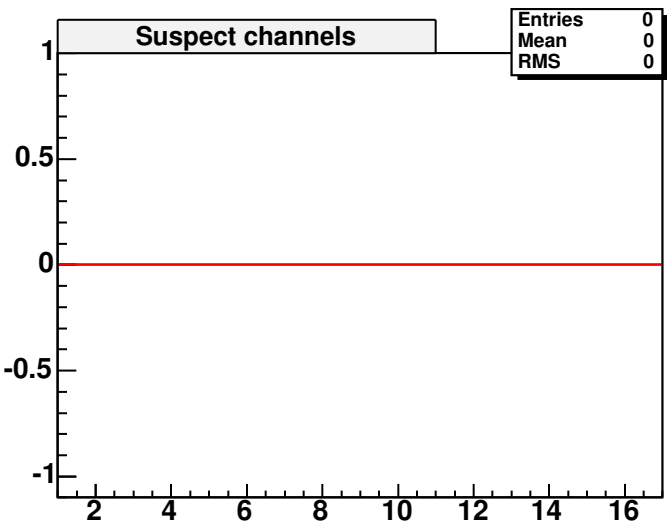
6
SmtClusters (allHDiskTClusters)

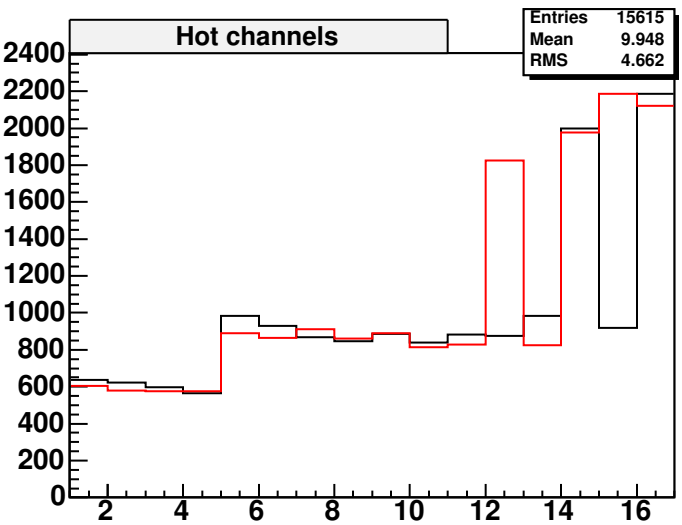




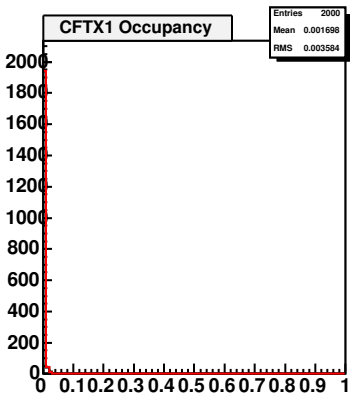


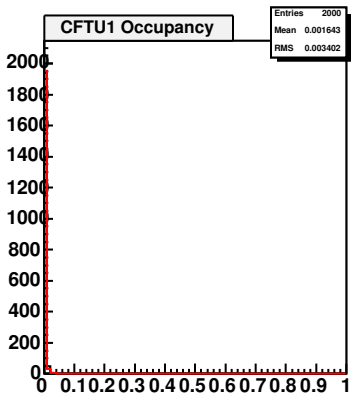


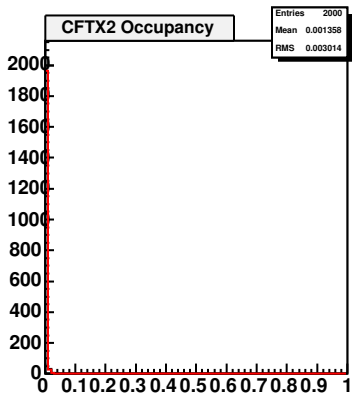


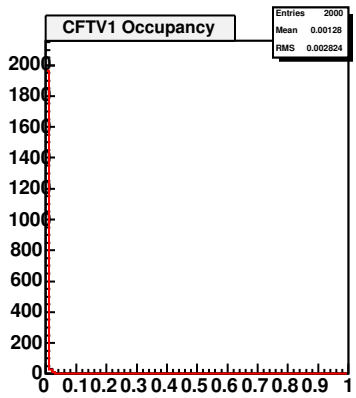


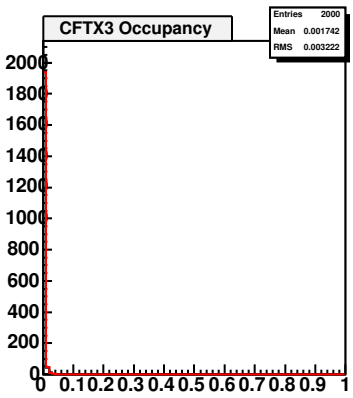
CFT Summary (All Clusters)

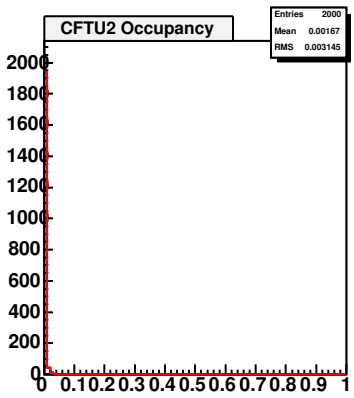


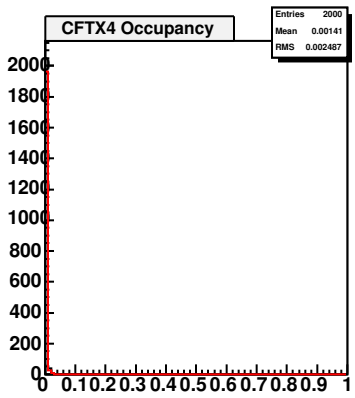


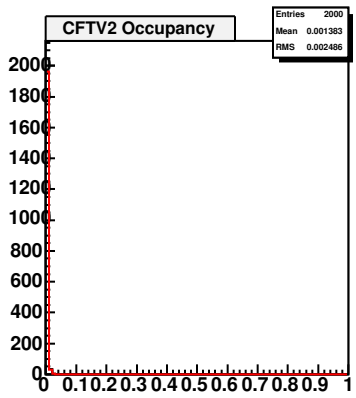


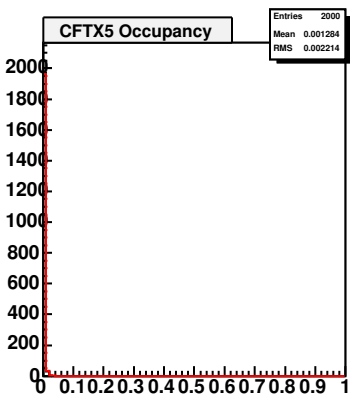


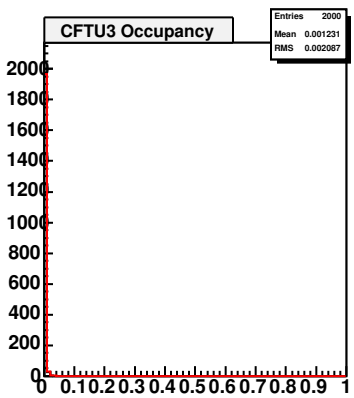


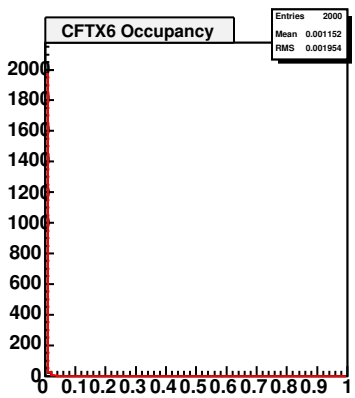


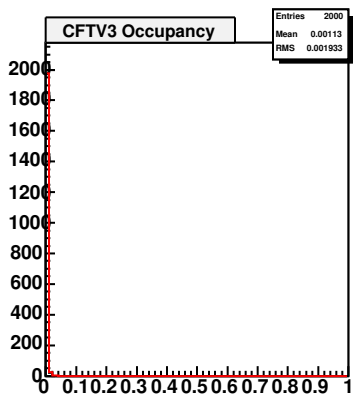


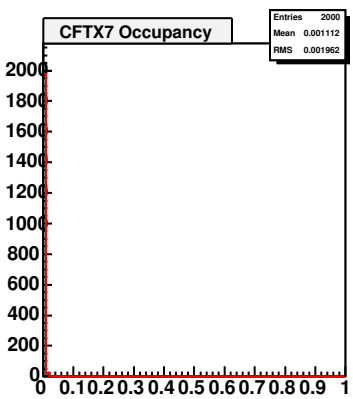


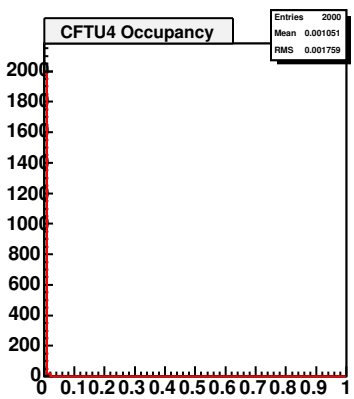


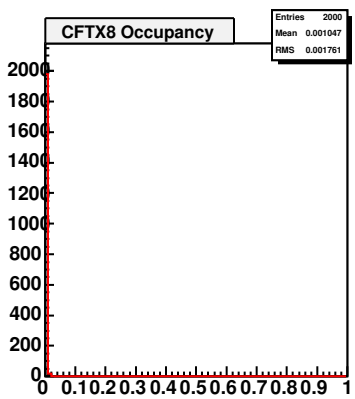


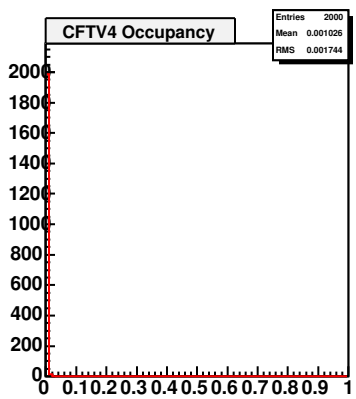




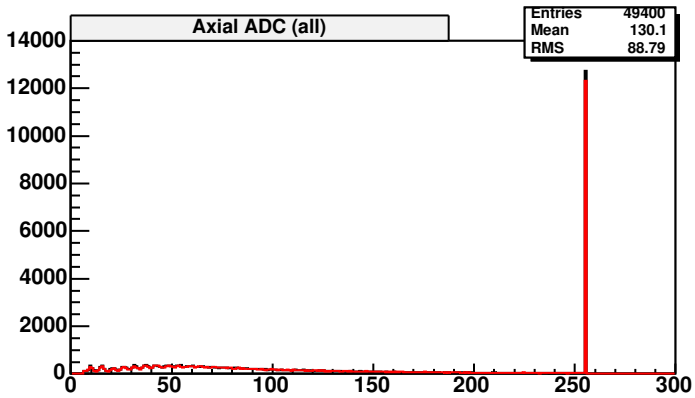


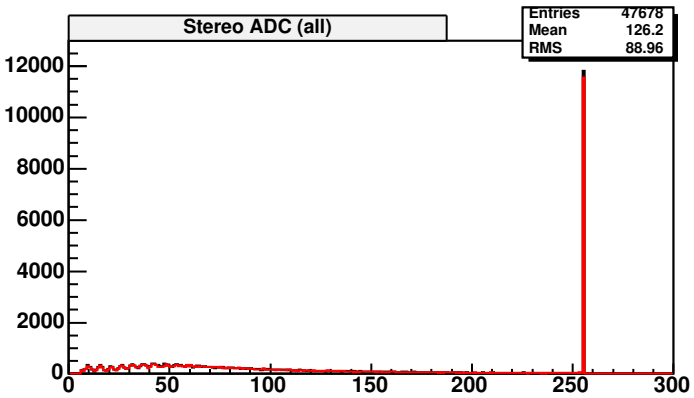


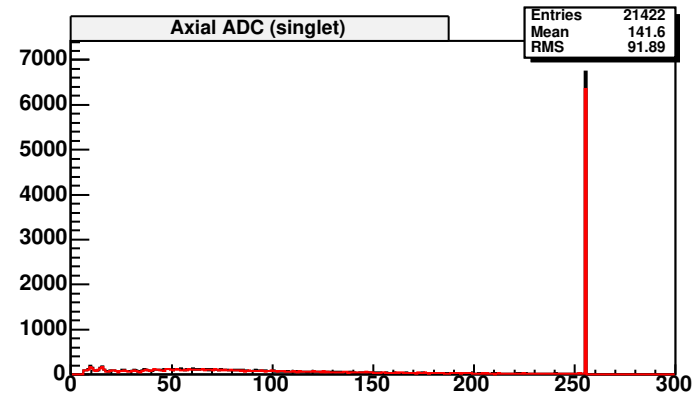


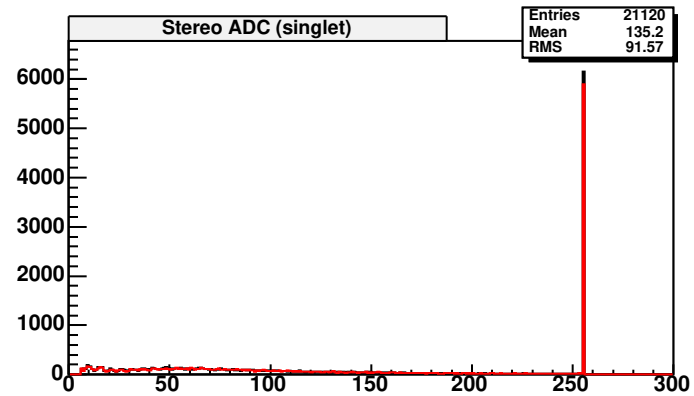


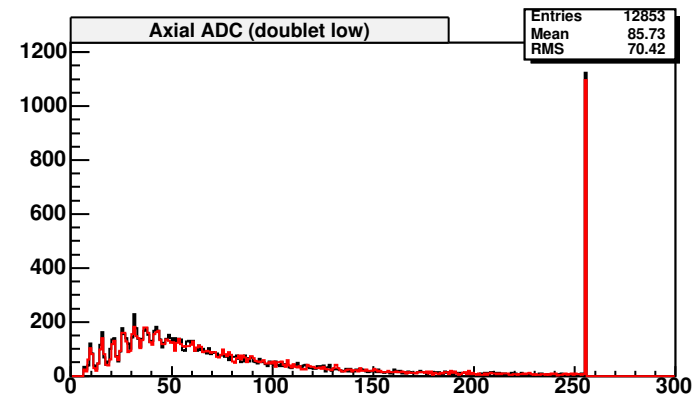
Cft Occupancy (All Clusters)

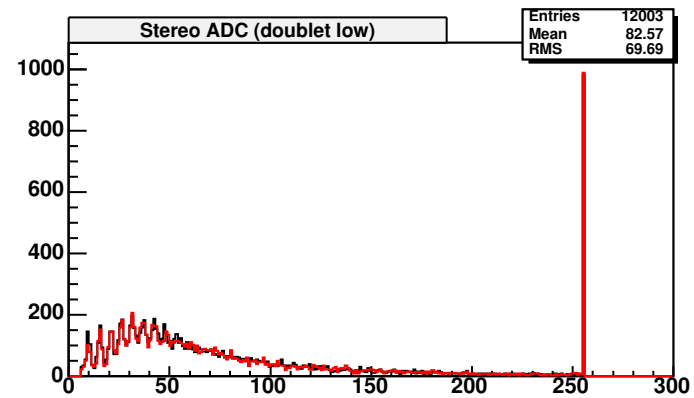


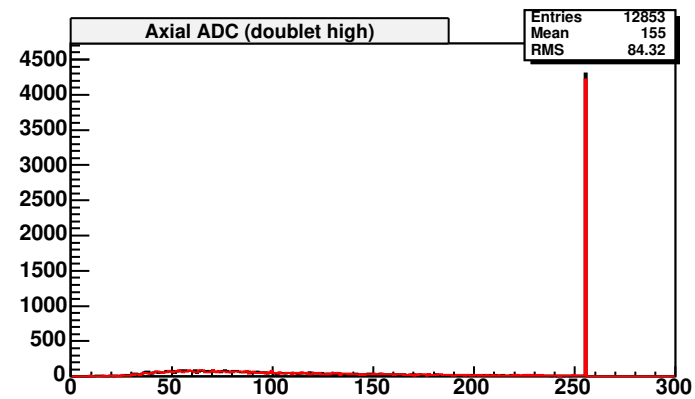


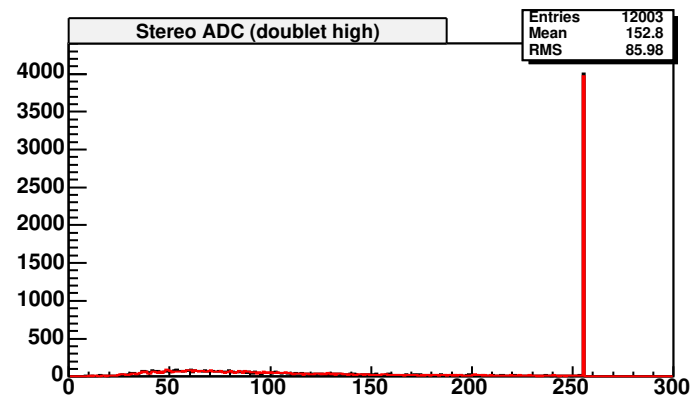




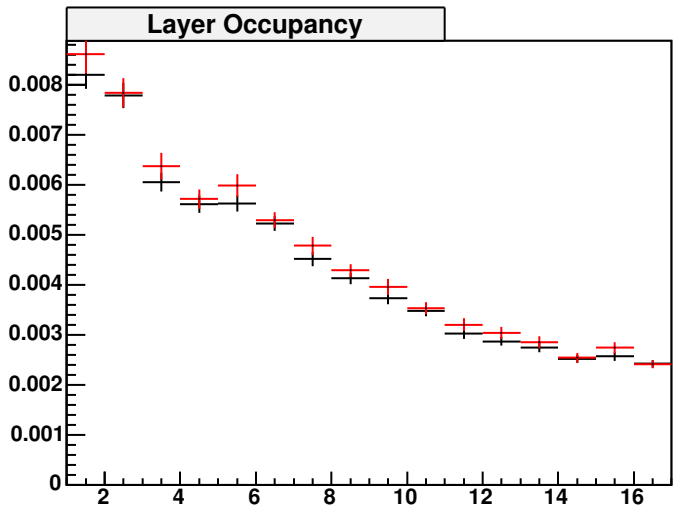


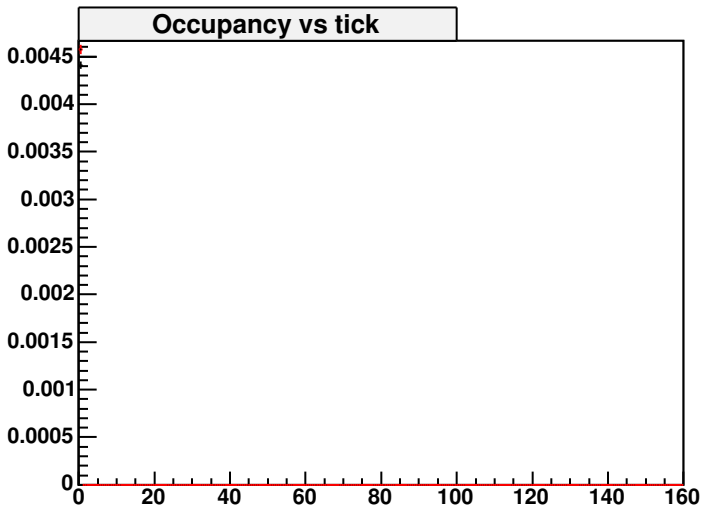


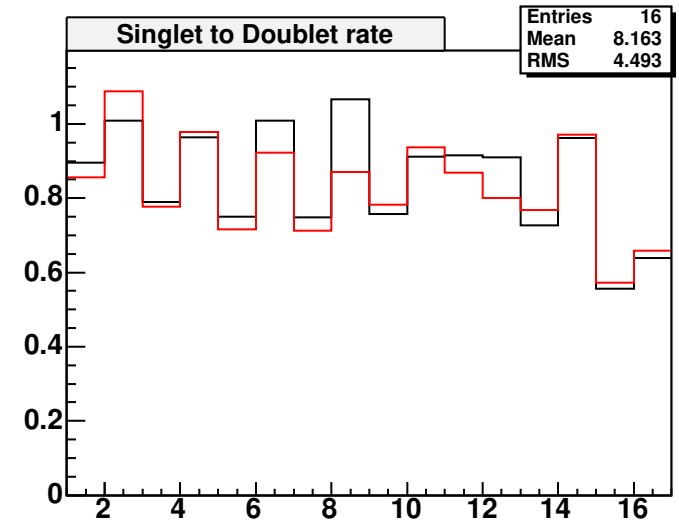


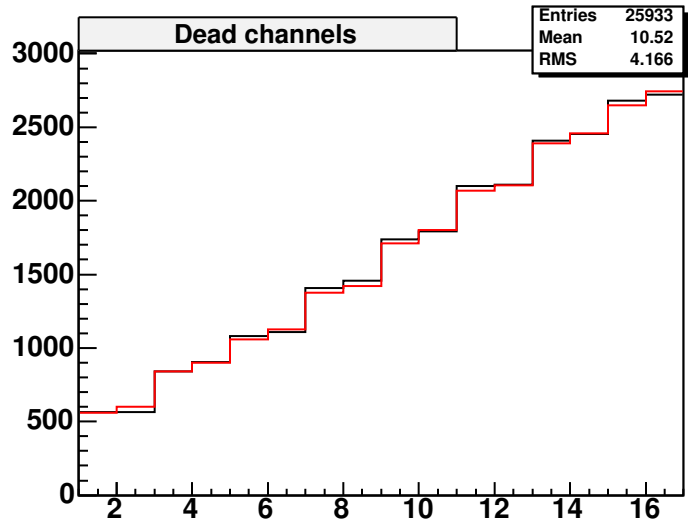


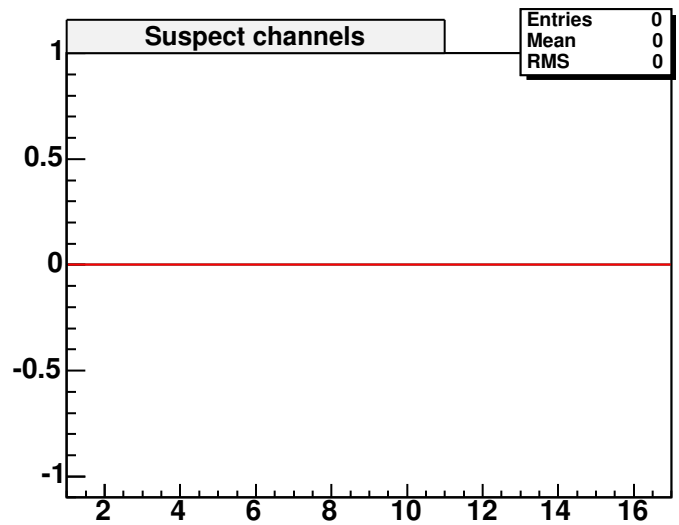
CFT ADC Summary (All Clusters)

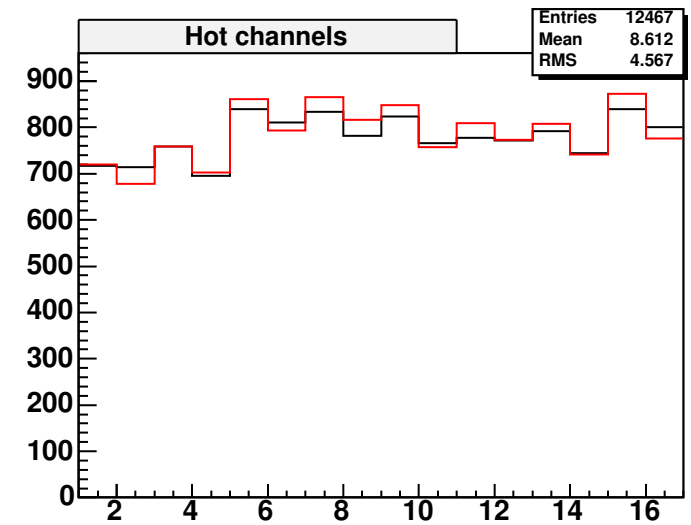




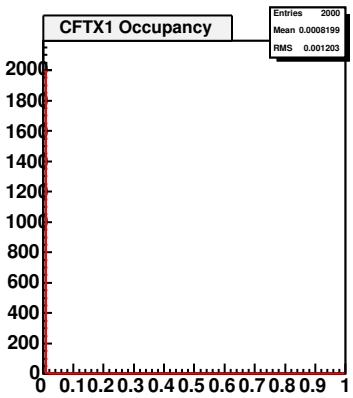


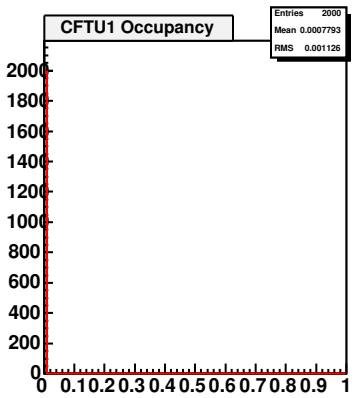


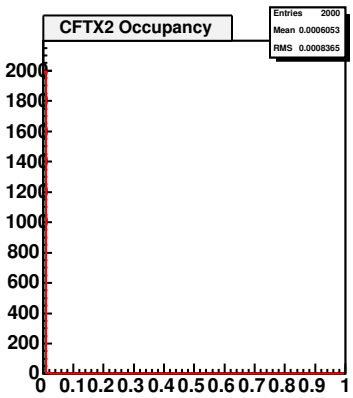


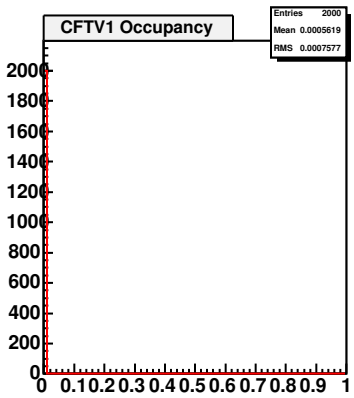


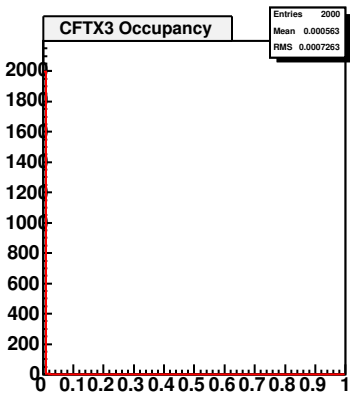
CFT Summary (Clusters on tracks)

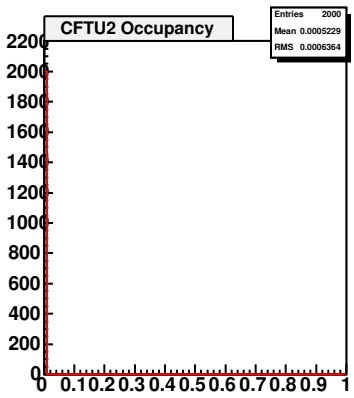


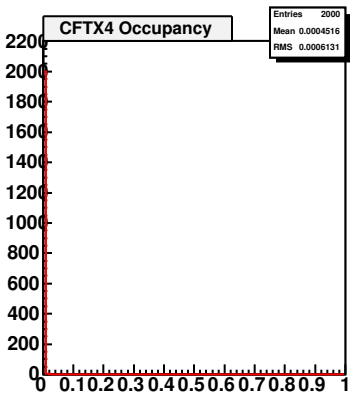


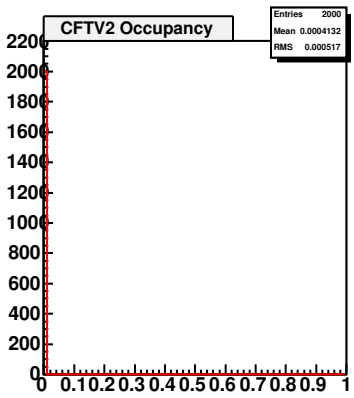


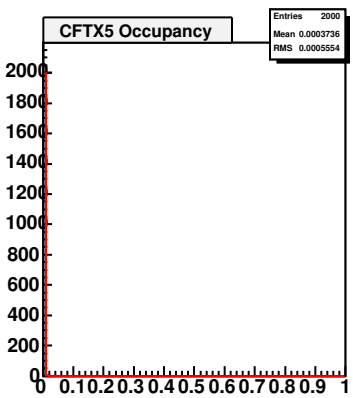


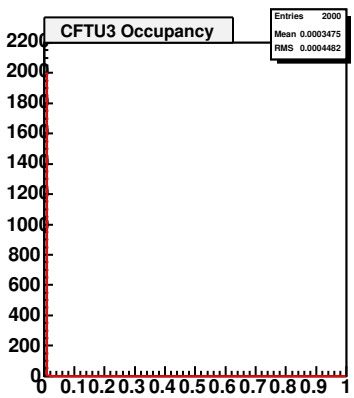


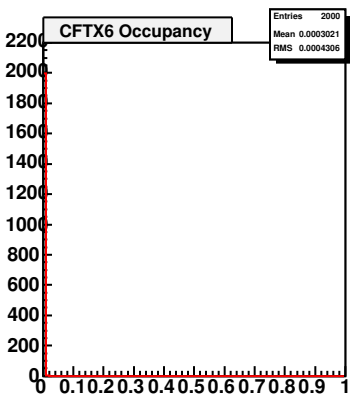


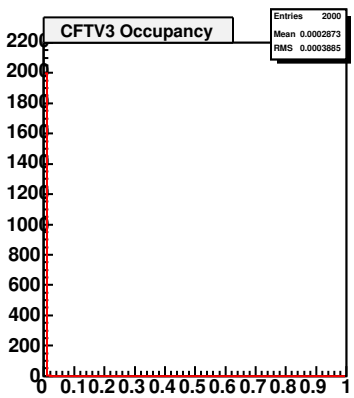


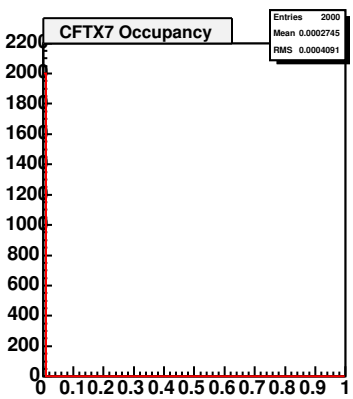


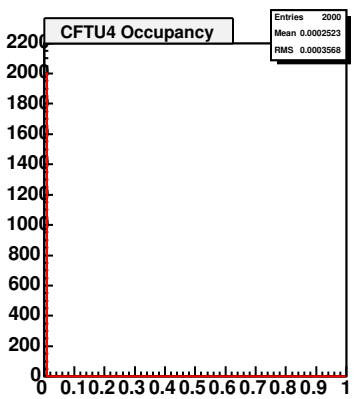


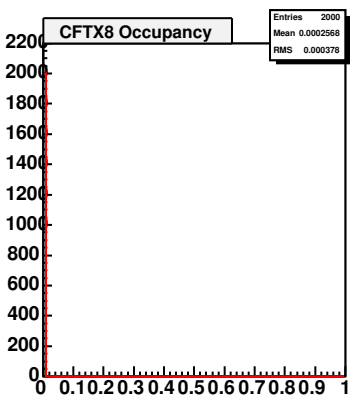


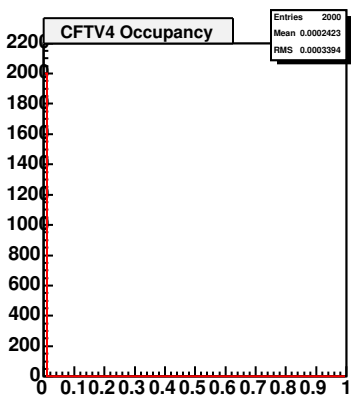




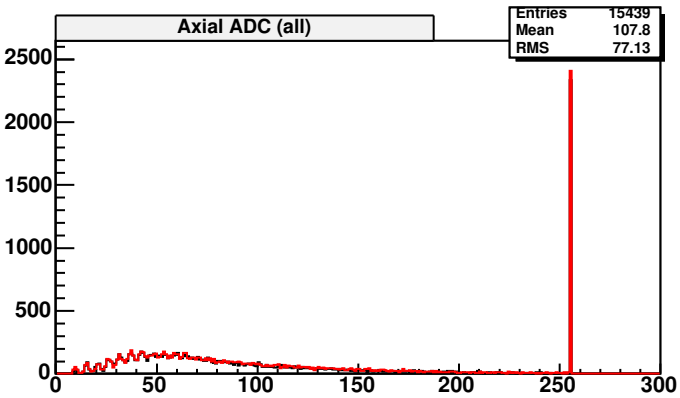


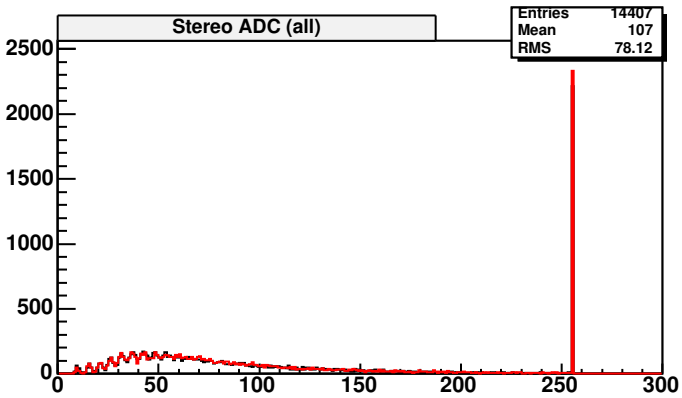


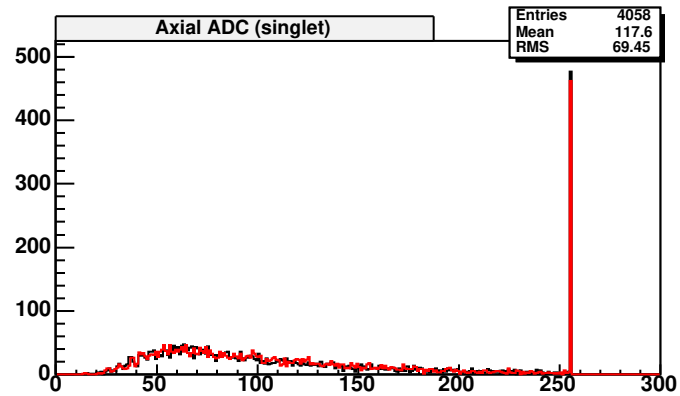


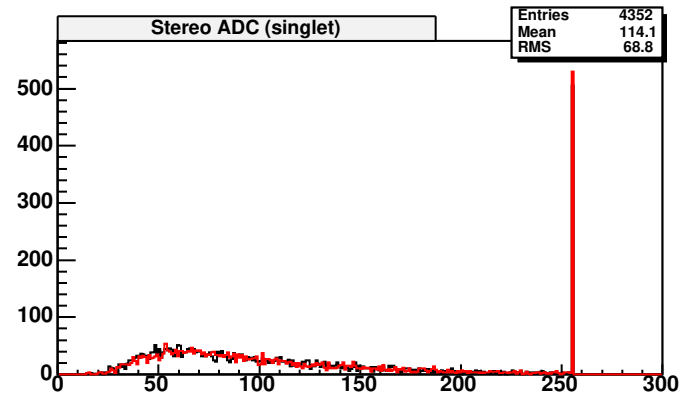


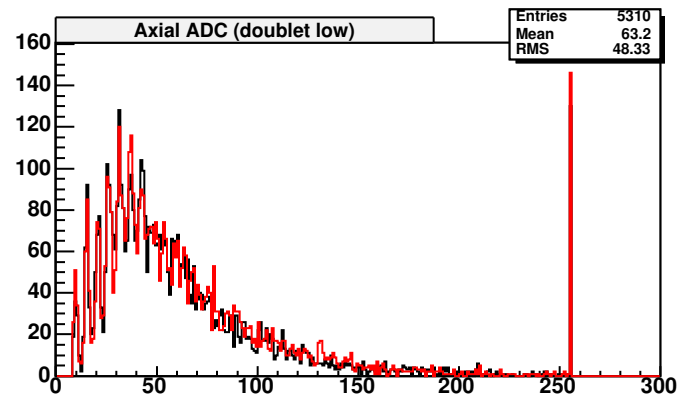
Cft Occupancy (Clusters on tracks)

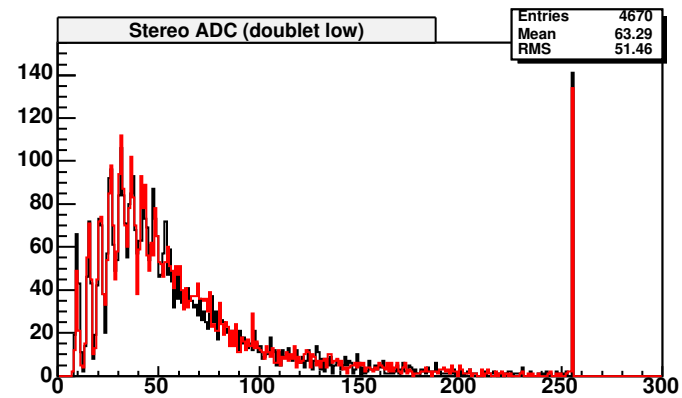


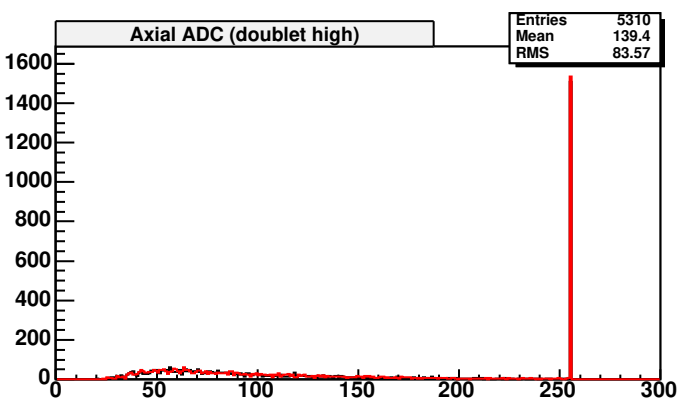


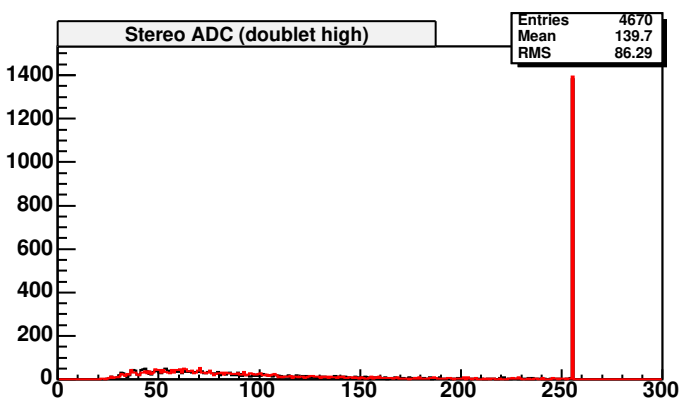




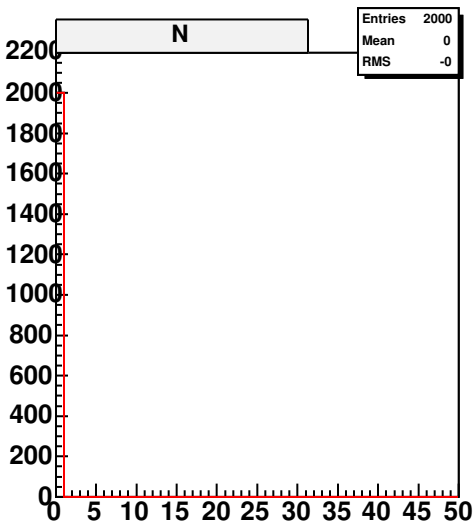








CFT ADC Summary (Clusters on tracks)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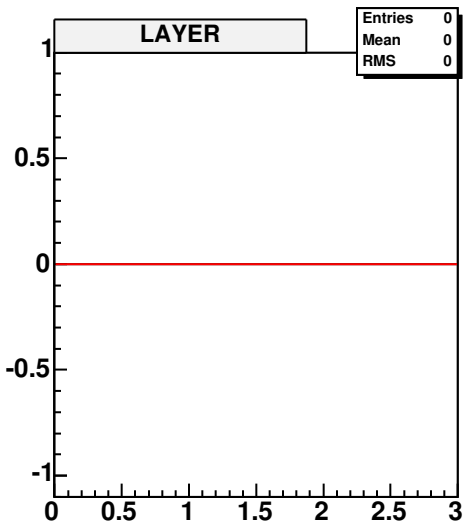
RMS -0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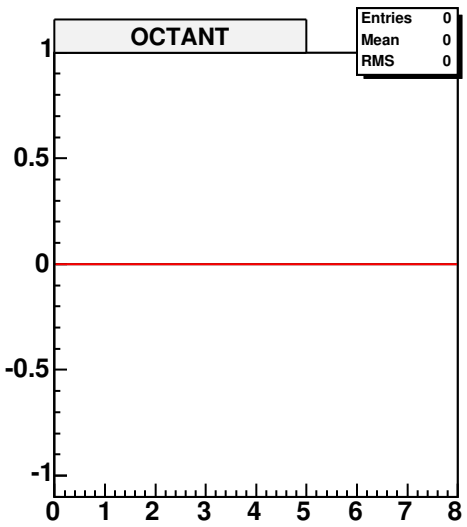
OCTANT
Entries 0
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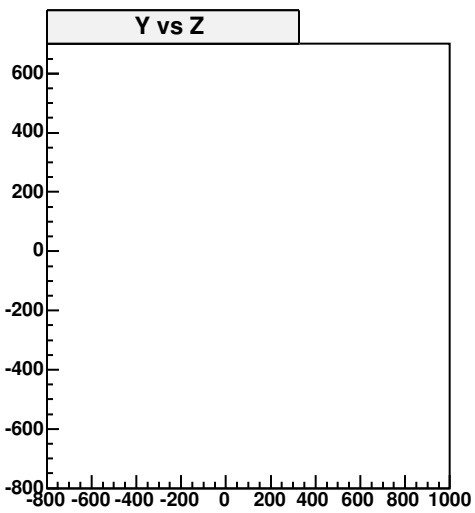
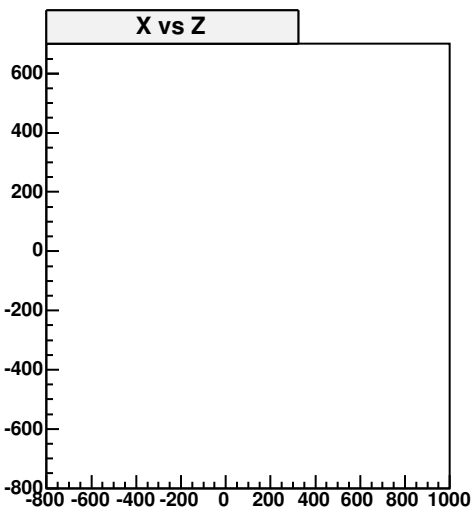
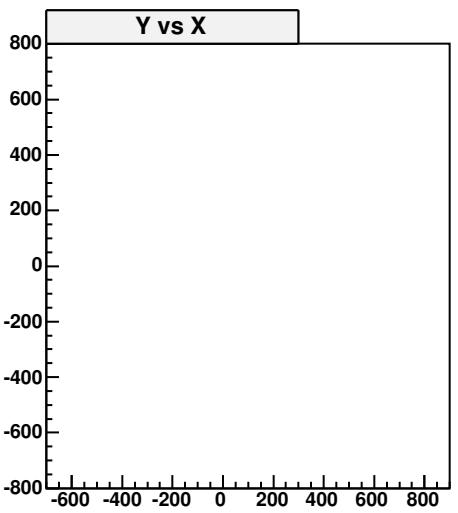

Y vs Z


X vs Z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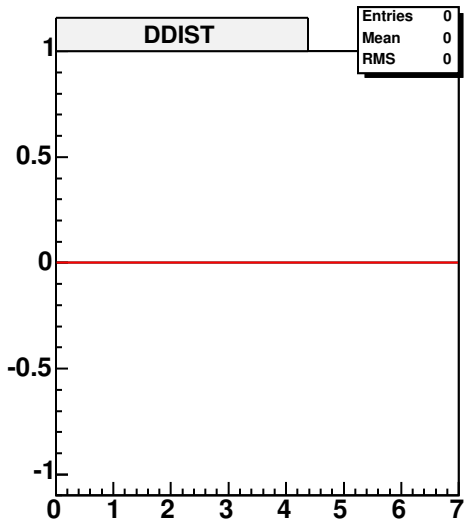
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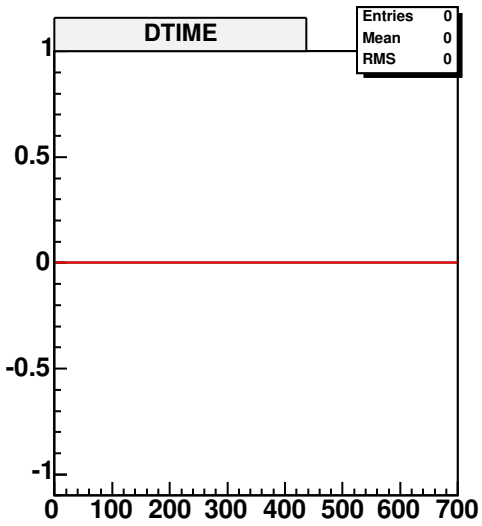
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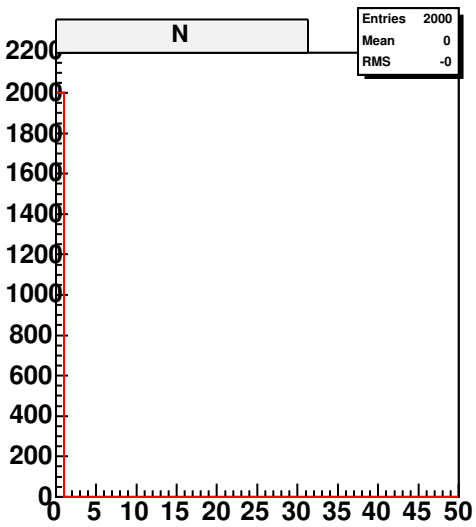
MuonPDT (All)


N
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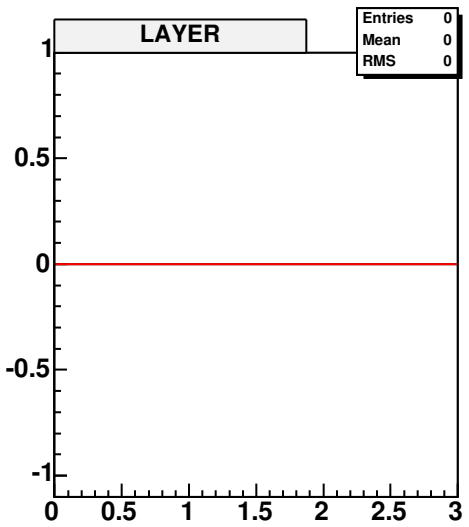
RMS -0


LAYER
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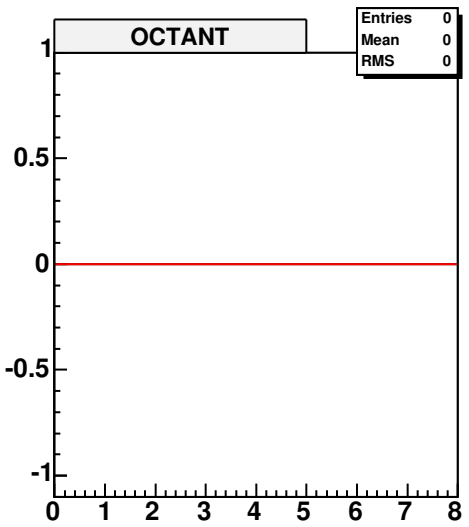
OCTANT
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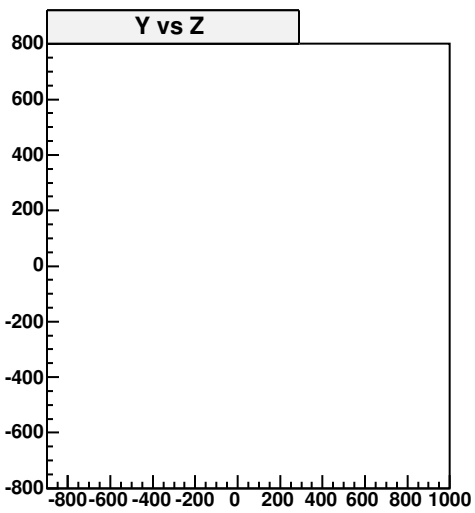
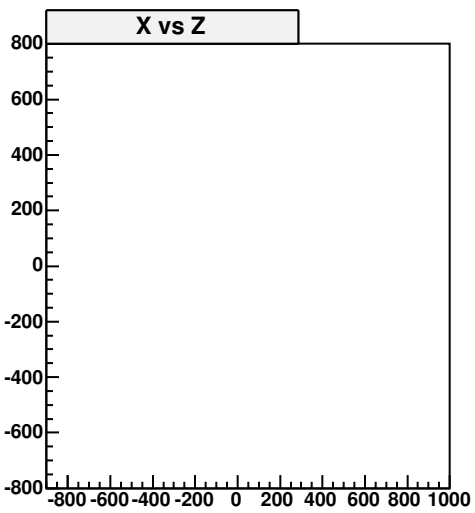
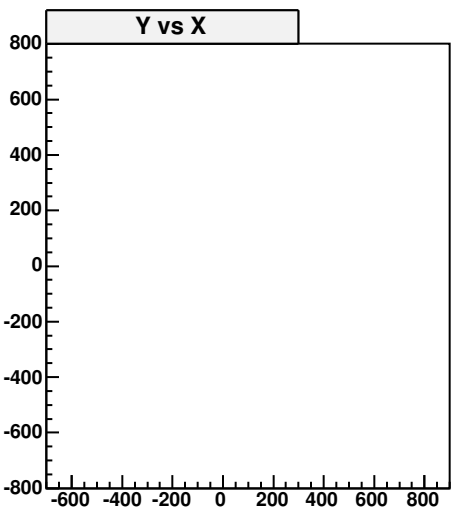
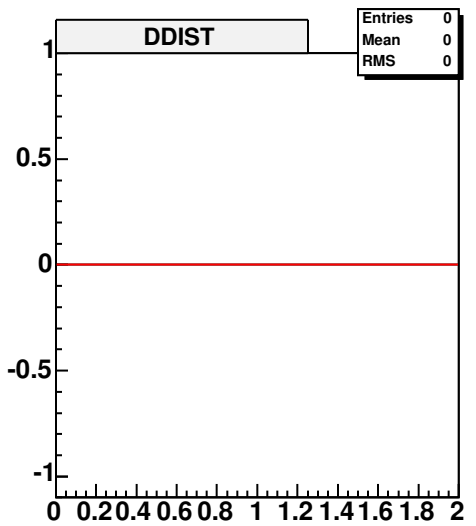

Y vs Z


X vs Z


Y vs X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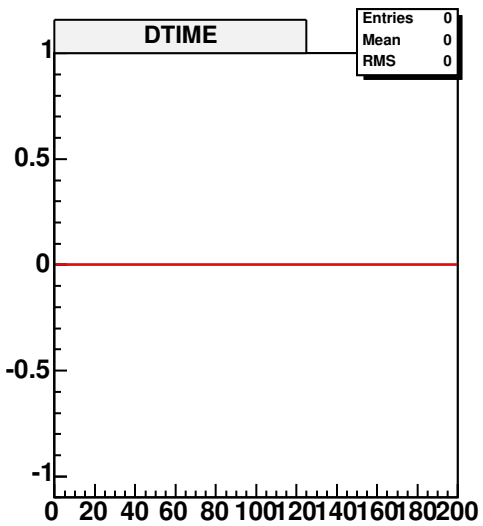
DTIME
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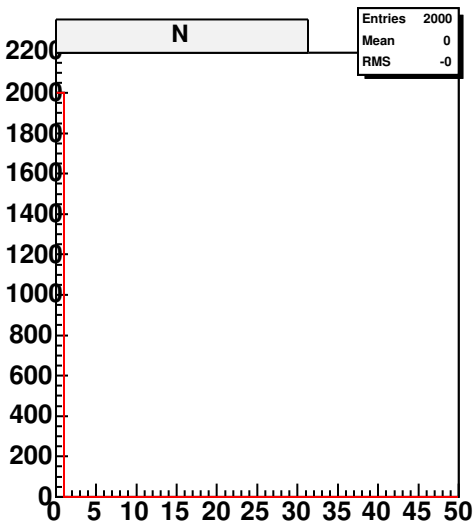
Mean 0
RMS 0

MuonMDT (All)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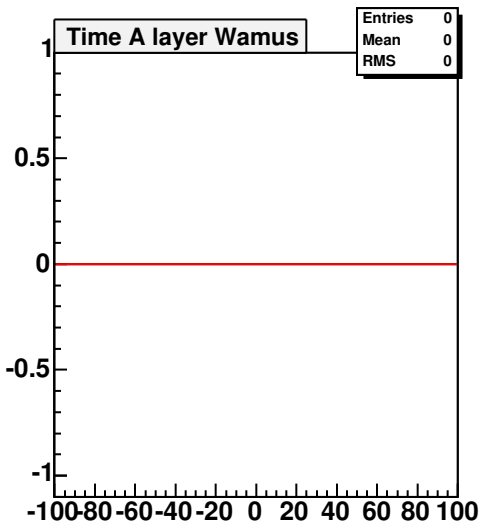
Time A layer Wamus
Entries 0
Mean 0
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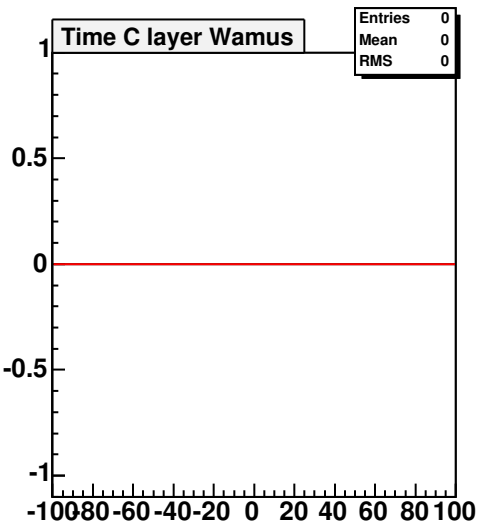
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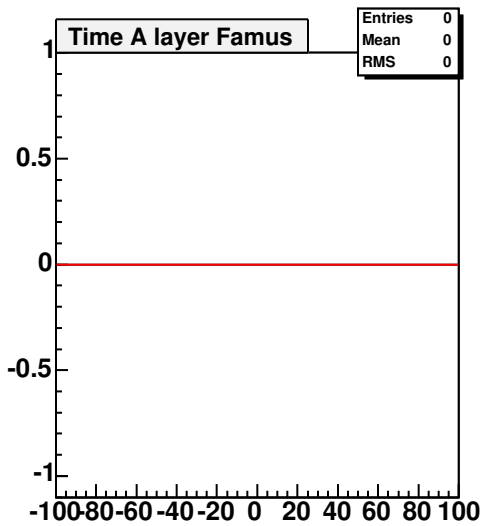
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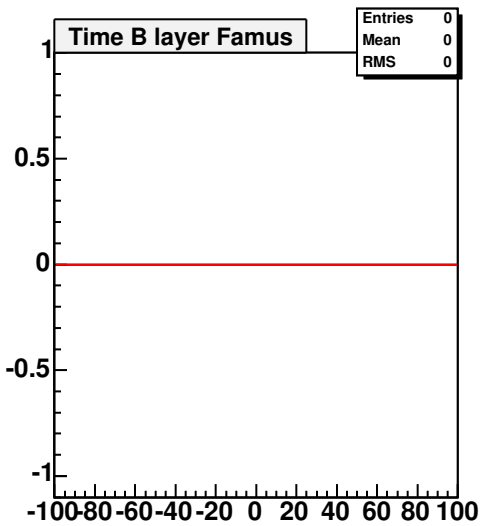
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Entries 0
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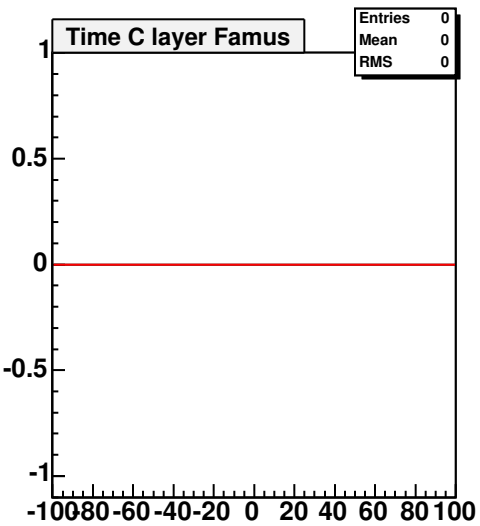
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Entries 0
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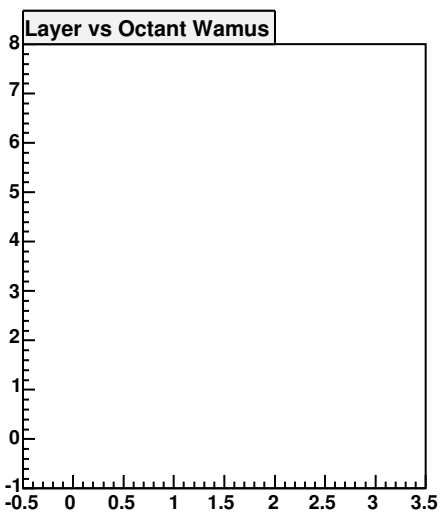
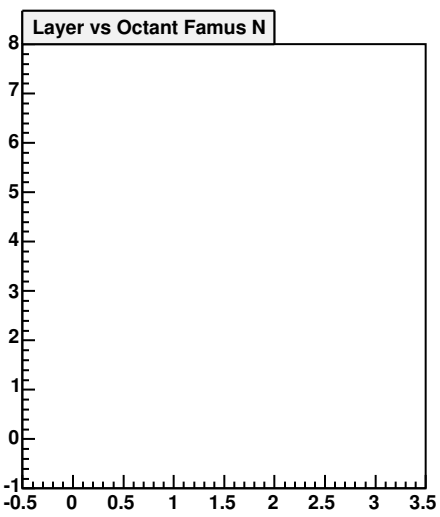

Layer vs Octant Wamus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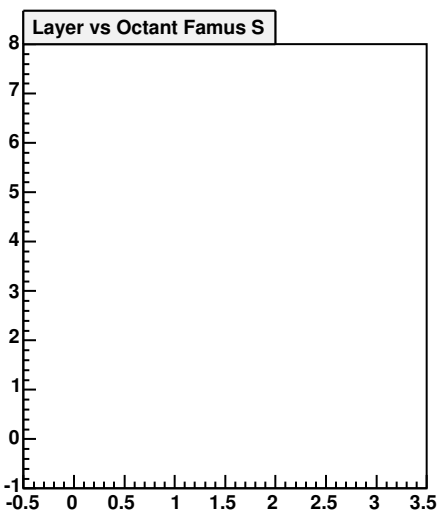
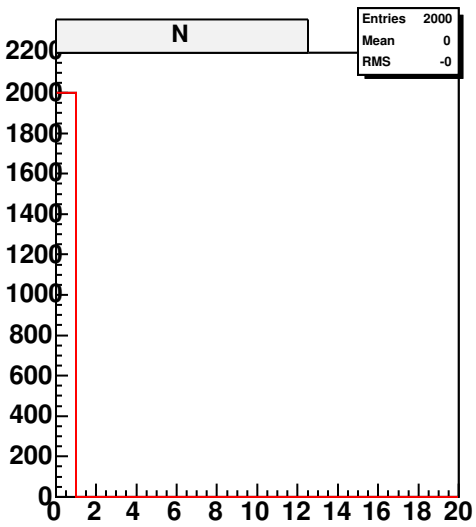
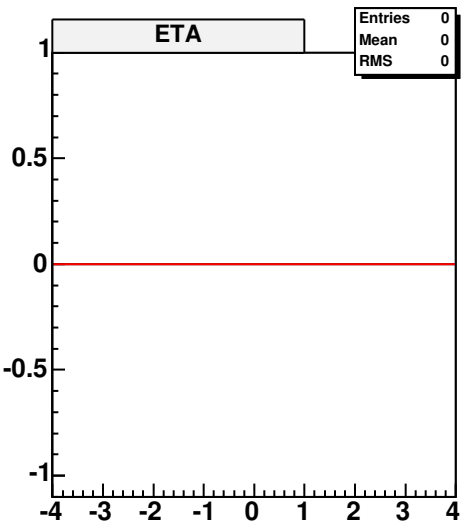
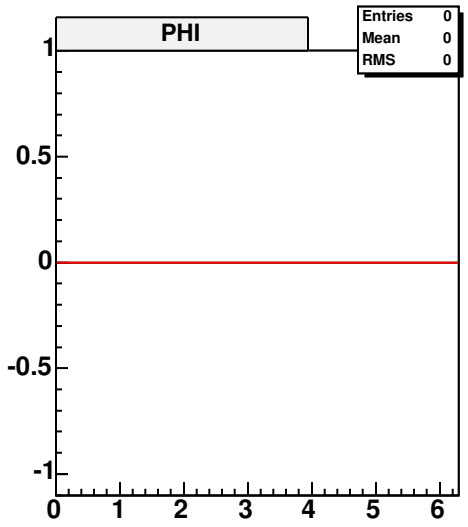
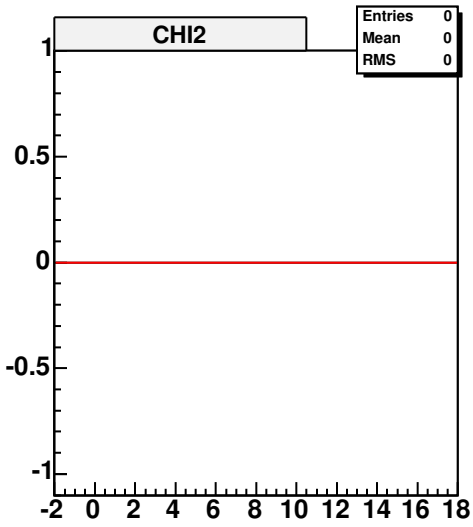

Layer vs Octant Famus S

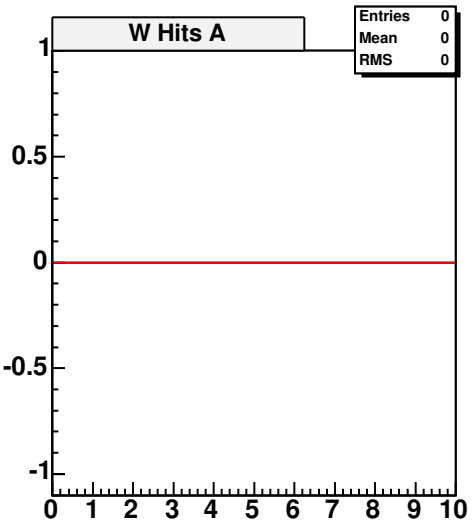
MuonMSC (All)

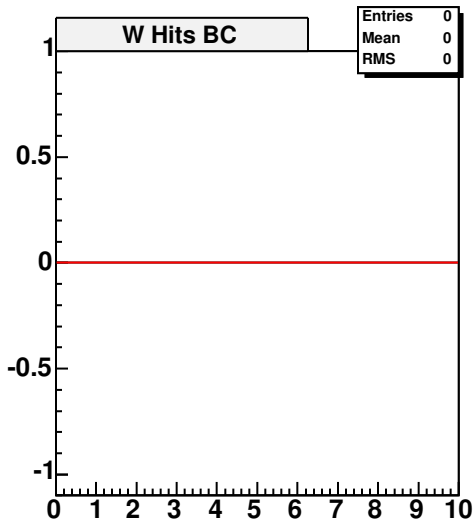


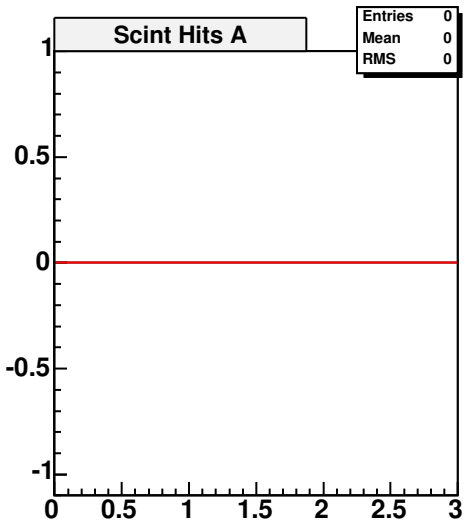


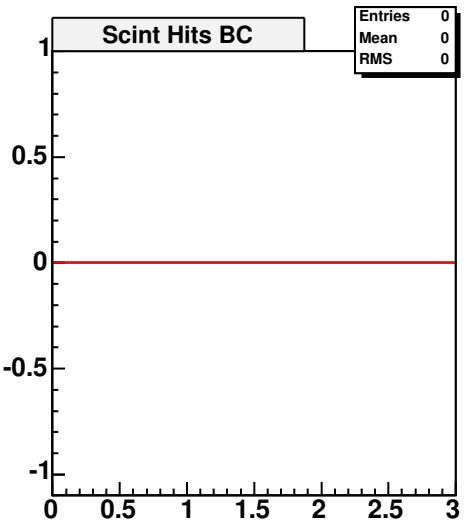




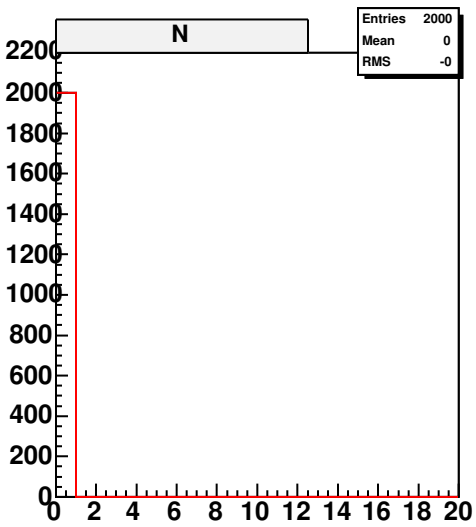


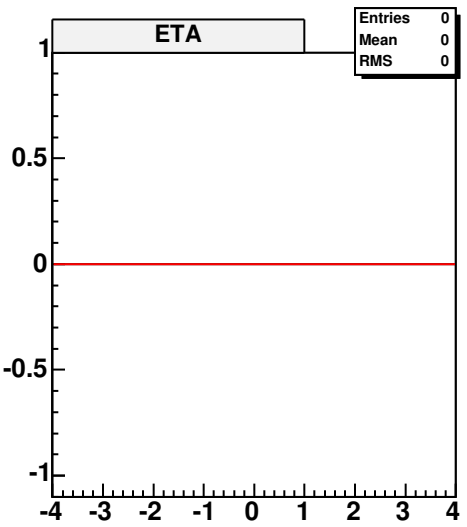


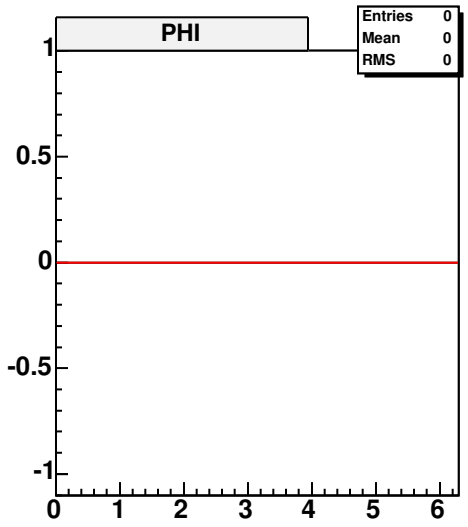


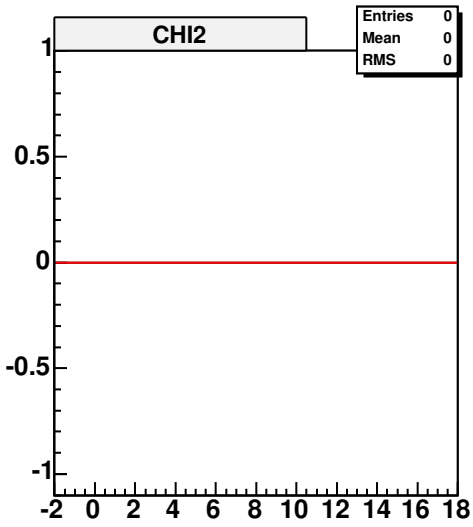


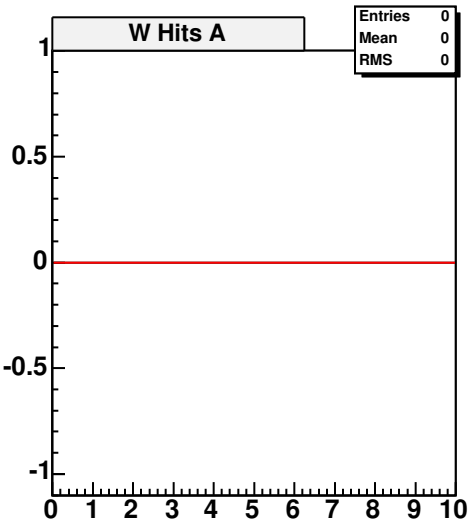
Muon Local Tracks (All)

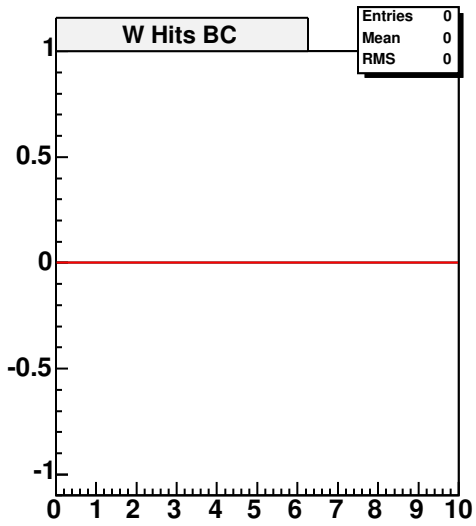


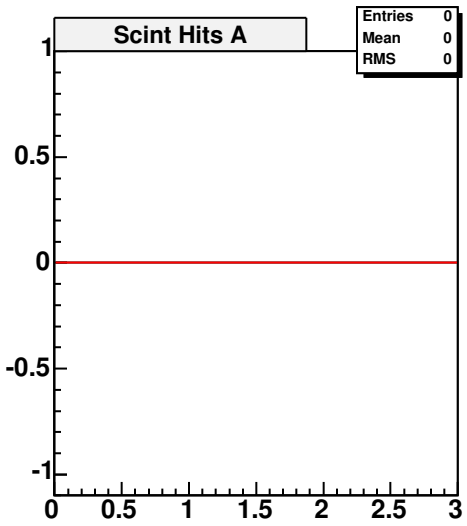


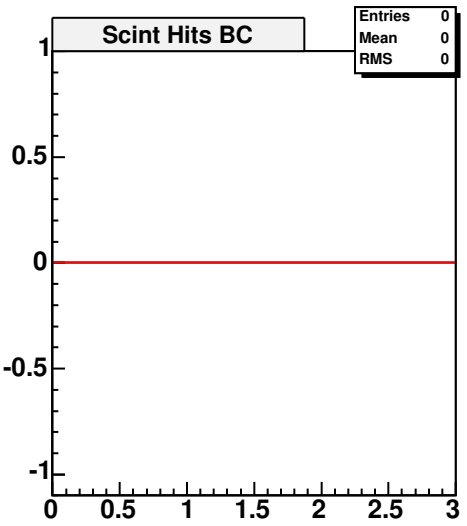




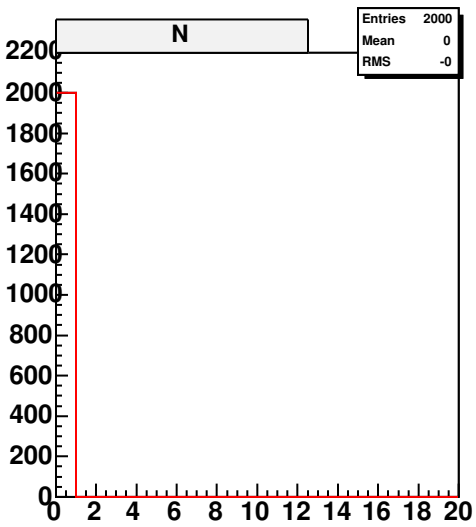


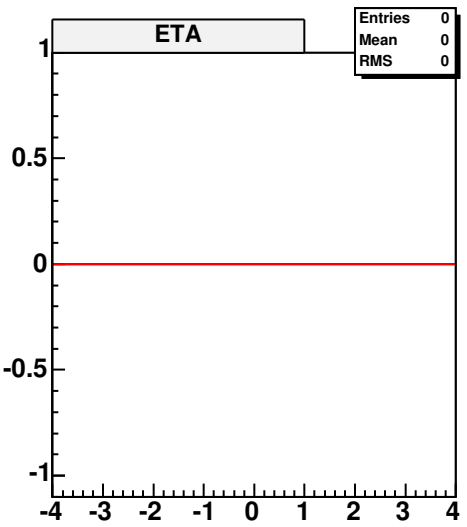


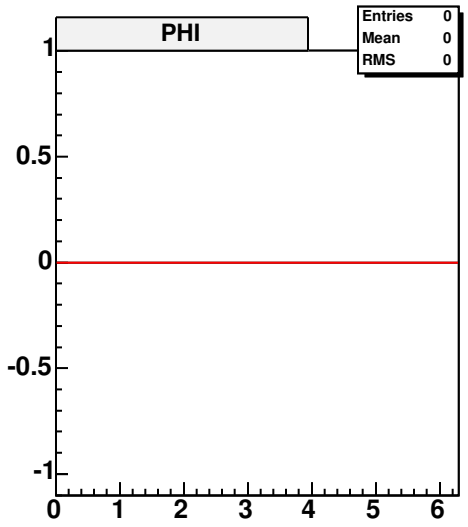


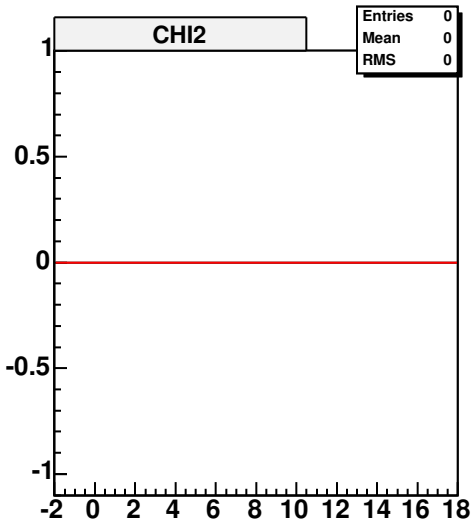


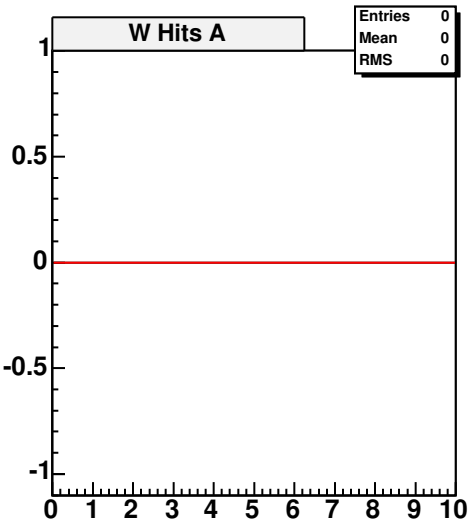
Muon Local Tracks (MediumWamus)

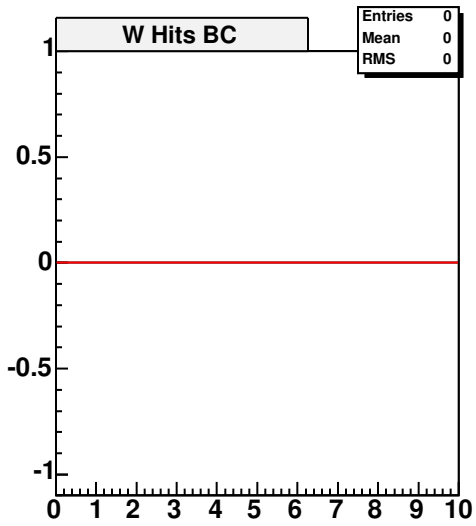


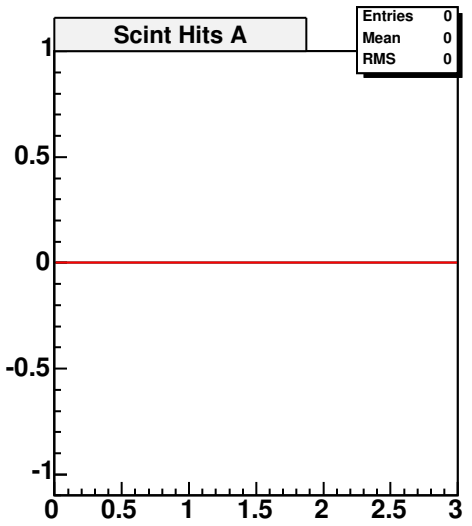


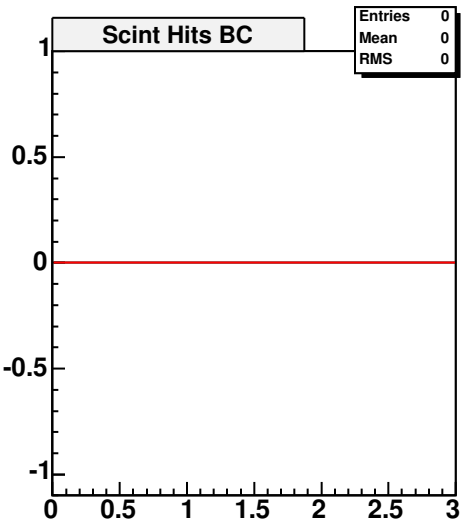




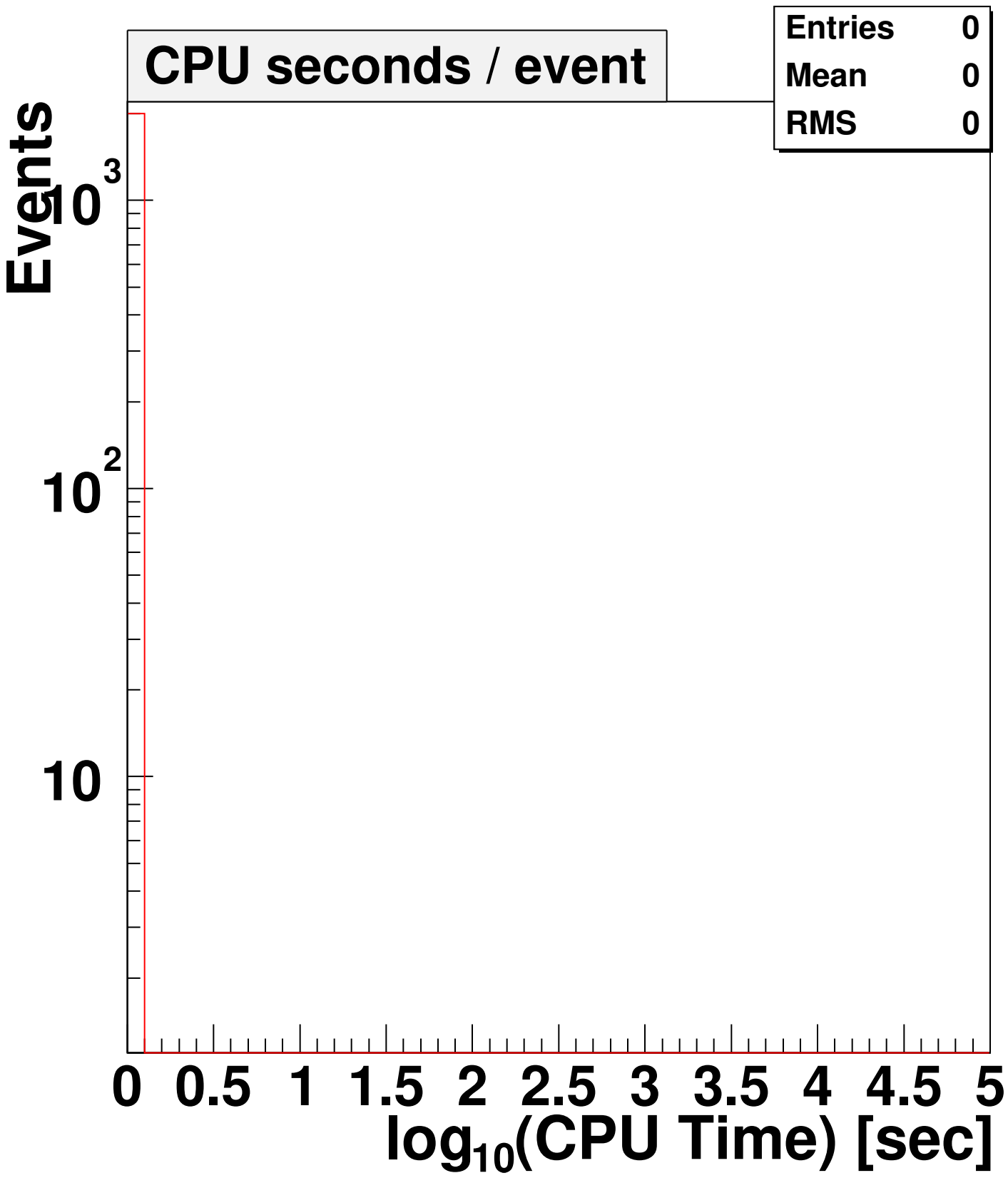








Muon Local Tracks (MediumFamus)



RECO Performance (Timing)