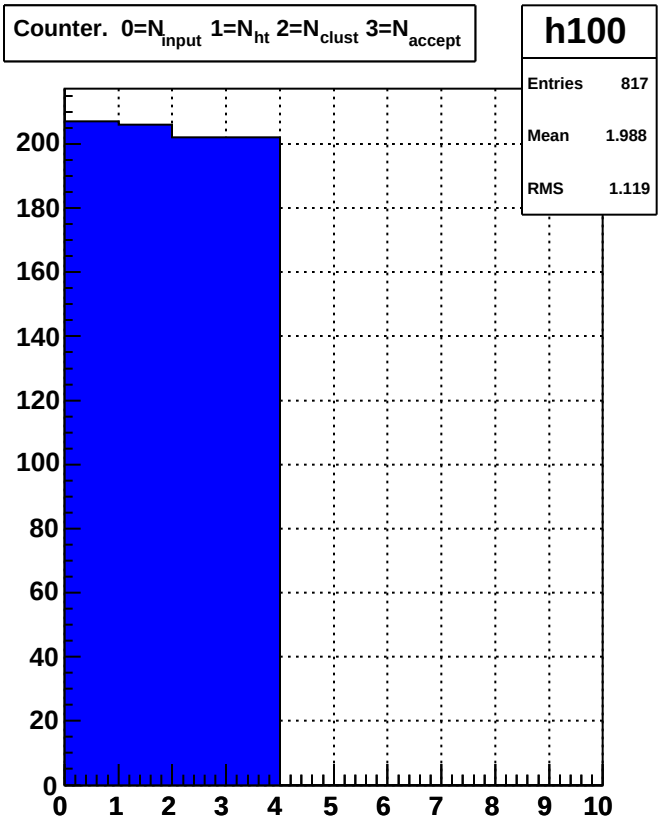
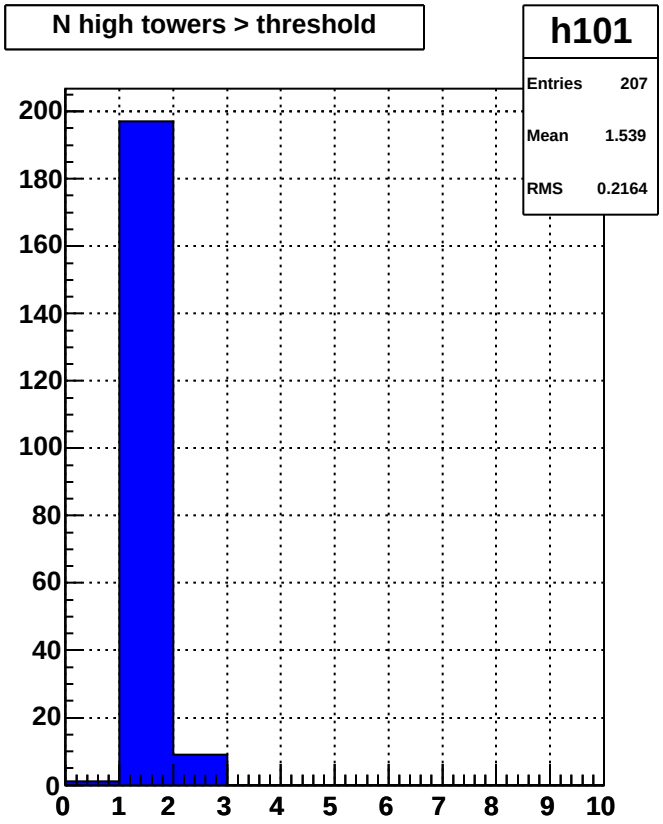
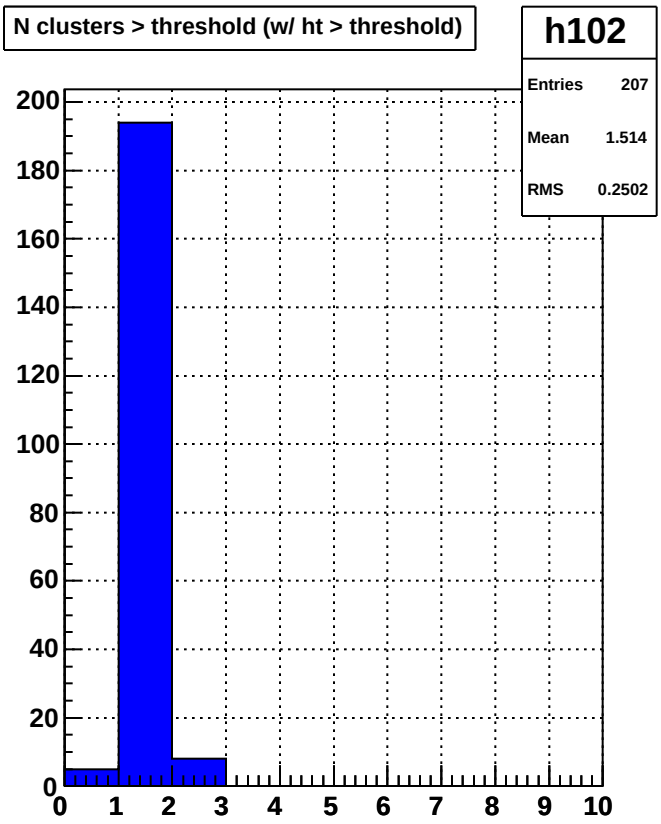
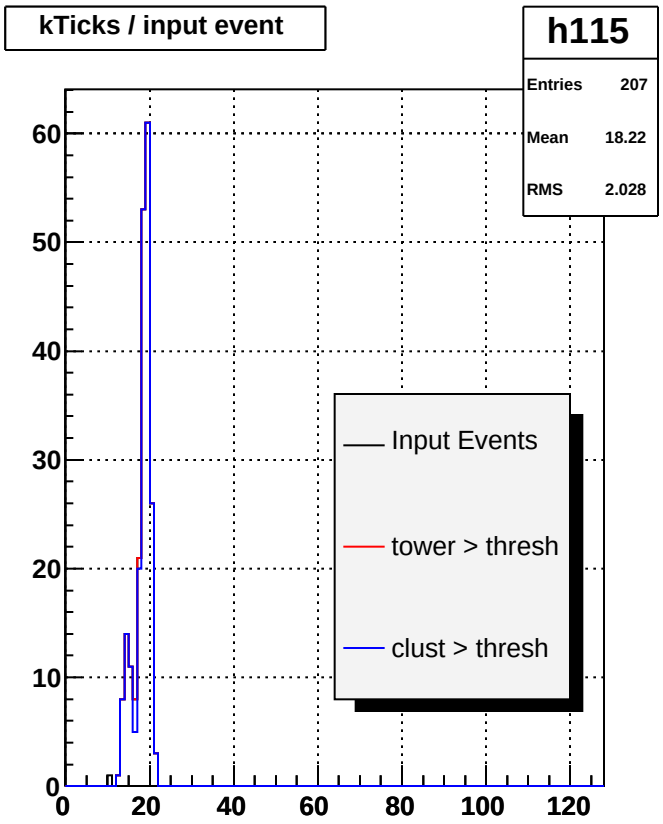
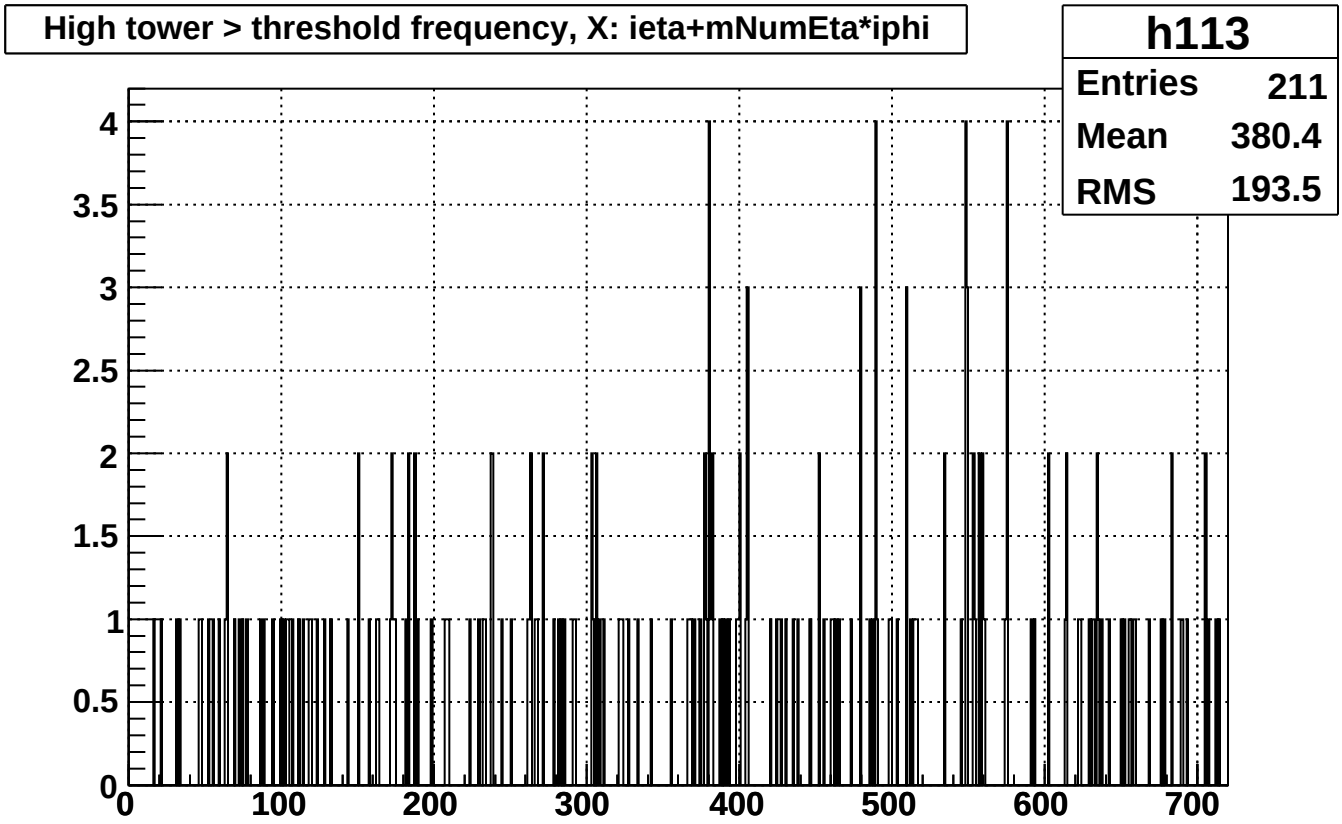
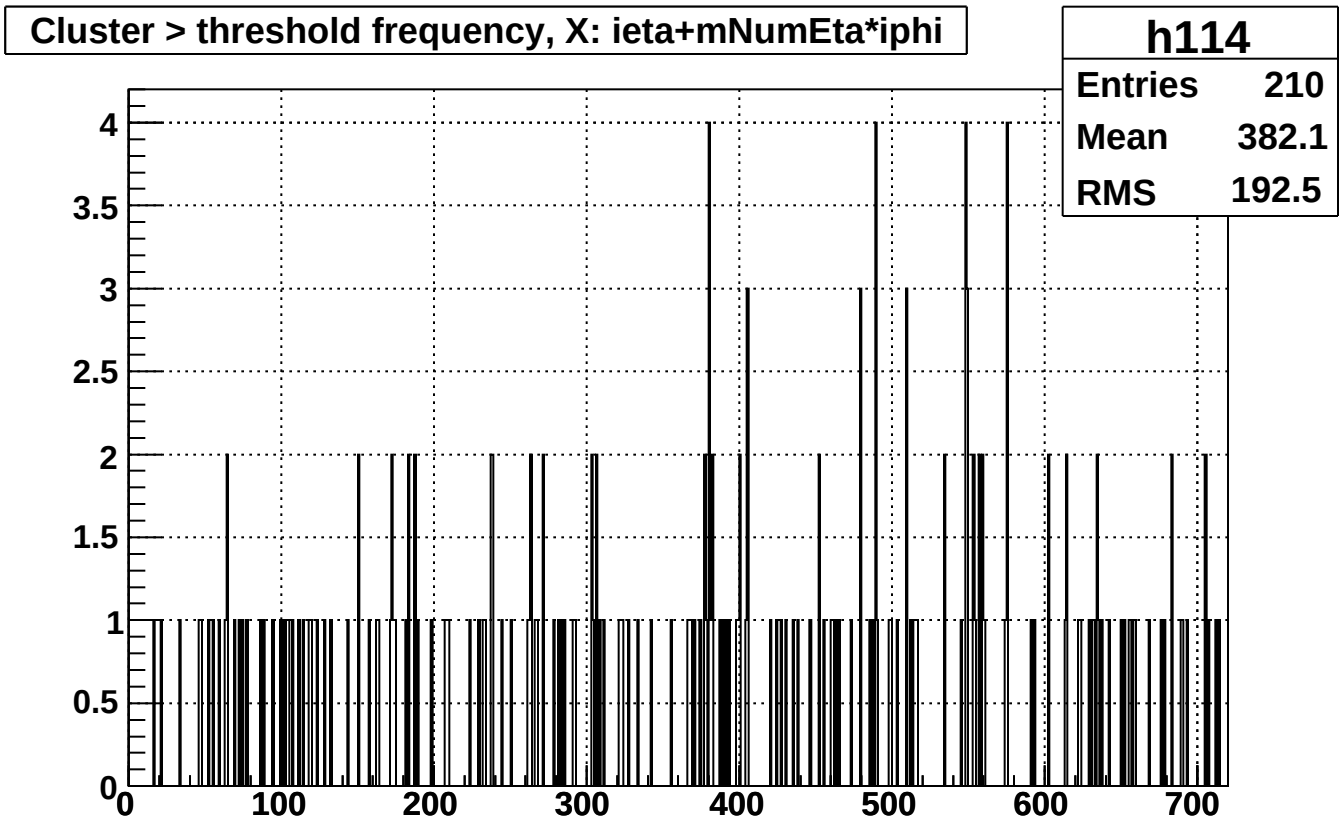

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 817
Mean 1.988
RMS 1.119

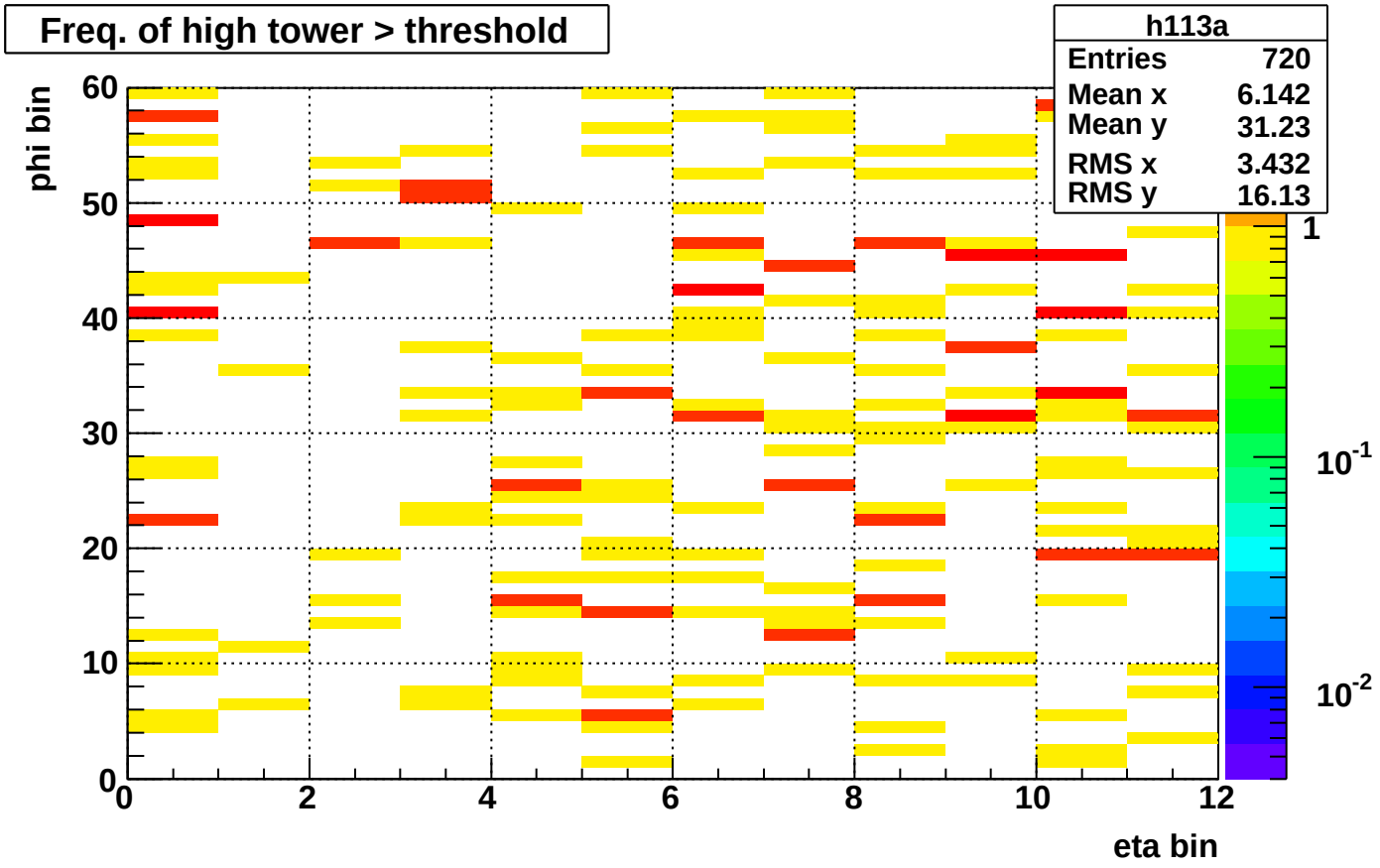

N high towers > threshold
h101
Entries 207
Mean 1.539
RMS 0.2164

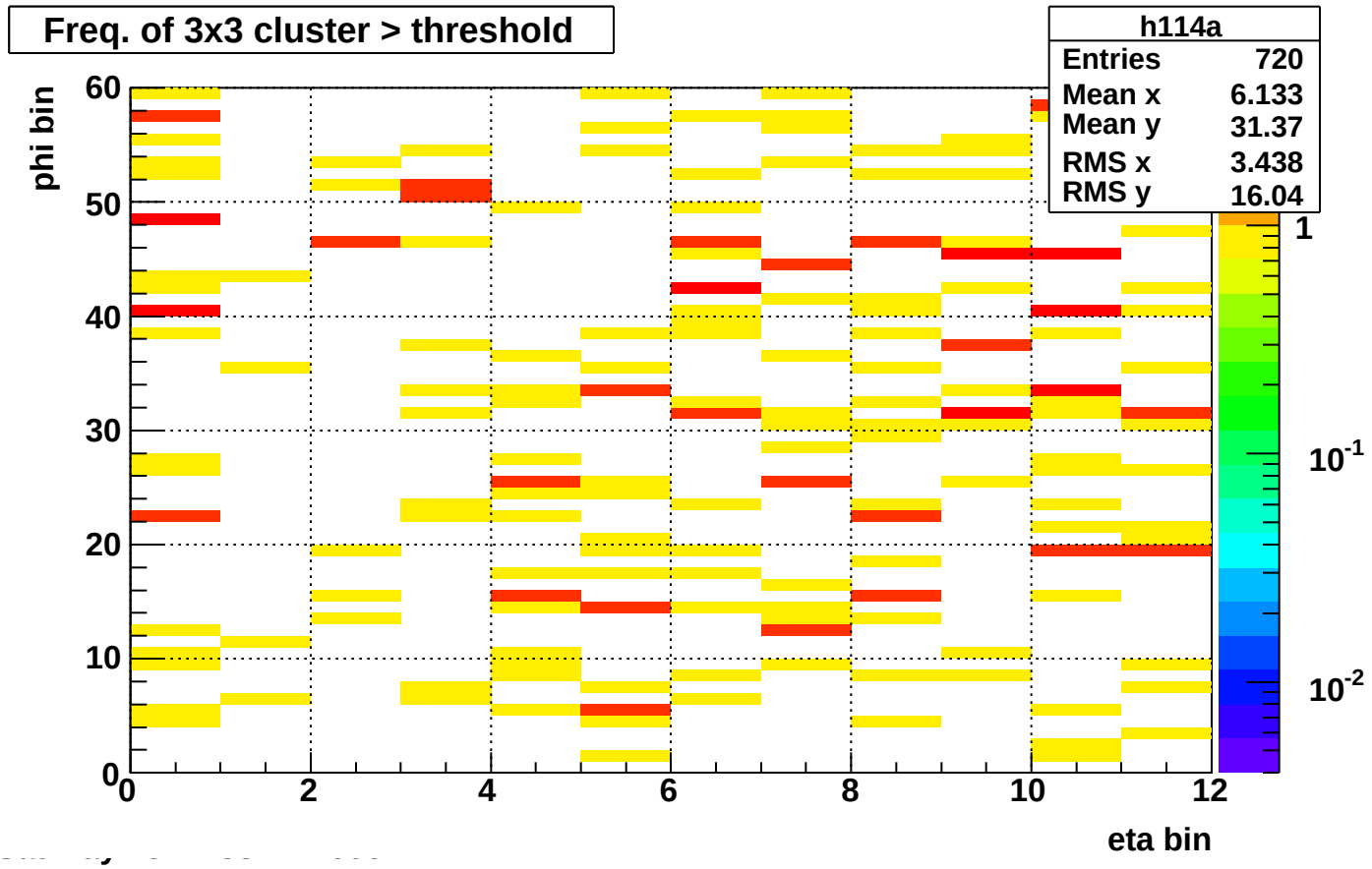

N clusters > threshold (w/ ht > threshold)
h102
Entries 207
Mean 1.514
RMS 0.2502

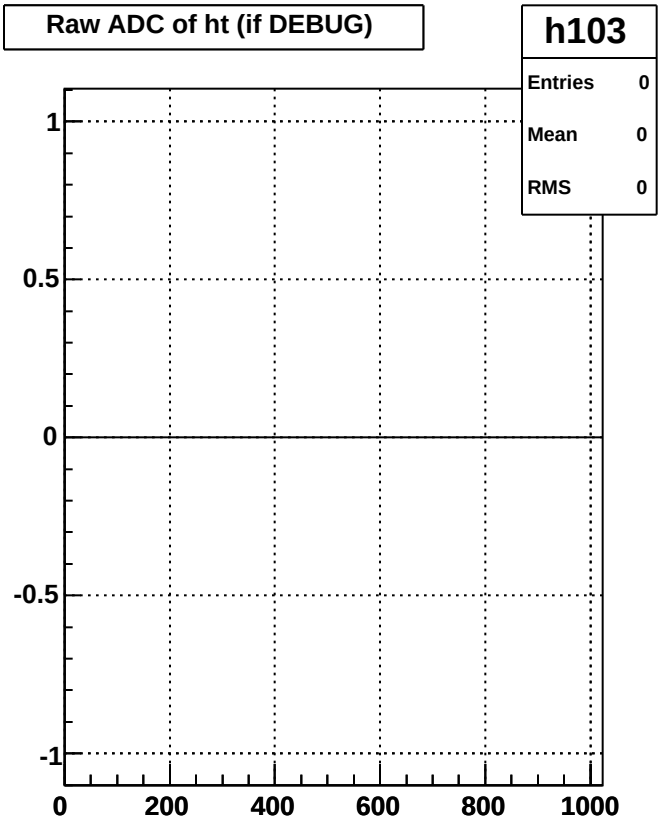

kTicks / input event
h115
Entries 207
Mean 18.22
RMS 2.028
Input Events
tower > thresh
clust > thresh

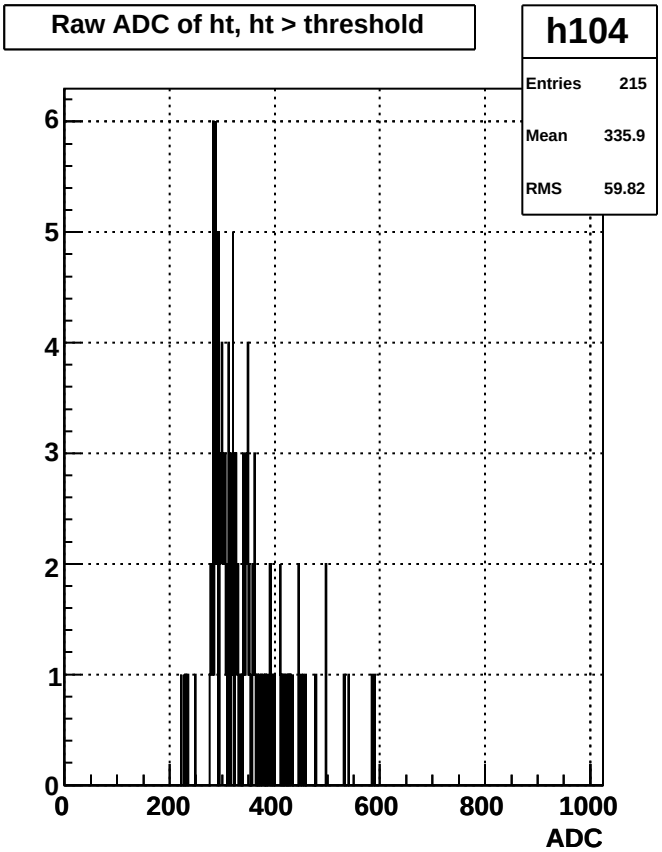

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 211
Mean 380.4
RMS 193.5
0
0.5
1
1.5
2
2.5
3
3.5
4
0
100
200
300
400
500
600
700

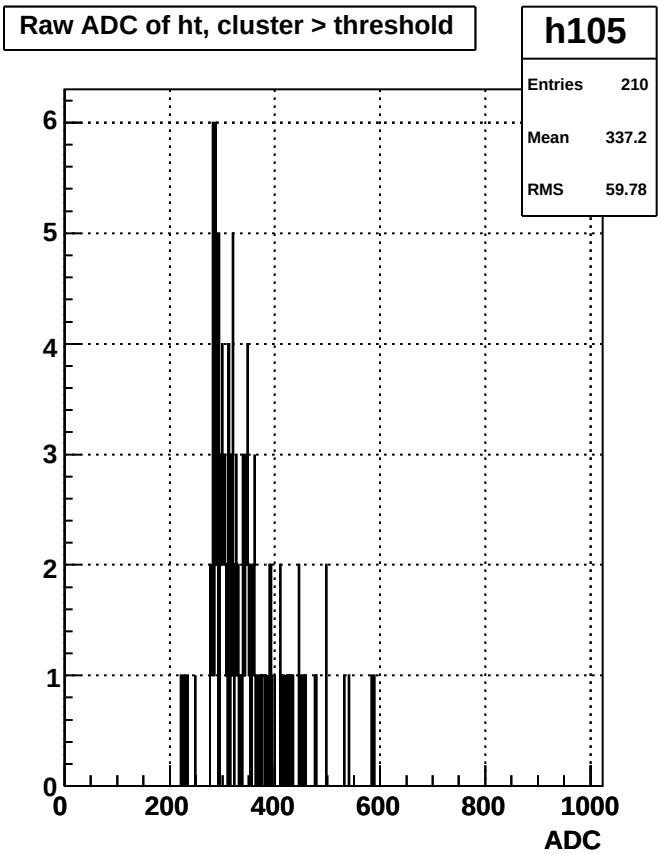

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 210
Mean 382.1
RMS 192.5
0
0.5
1
1.5
2
2.5
3
3.5
4
0
100
200
300
400
500
600
700

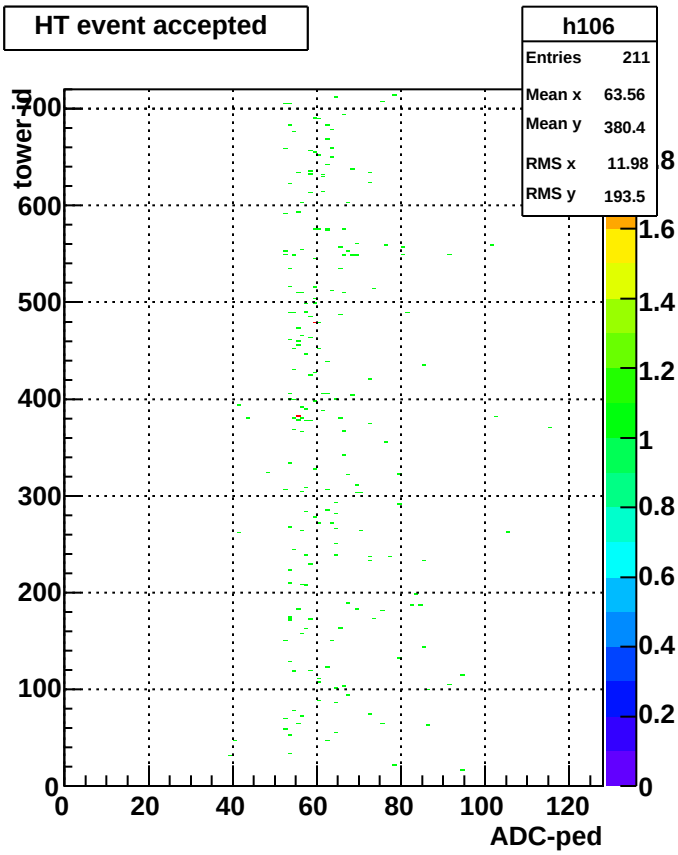

Freq. of high tower > threshold
h113a
Entries 720
Mean x 6.142
Mean y 31.23
RMS x 3.432
RMS y 16.13
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}
10^{-2}

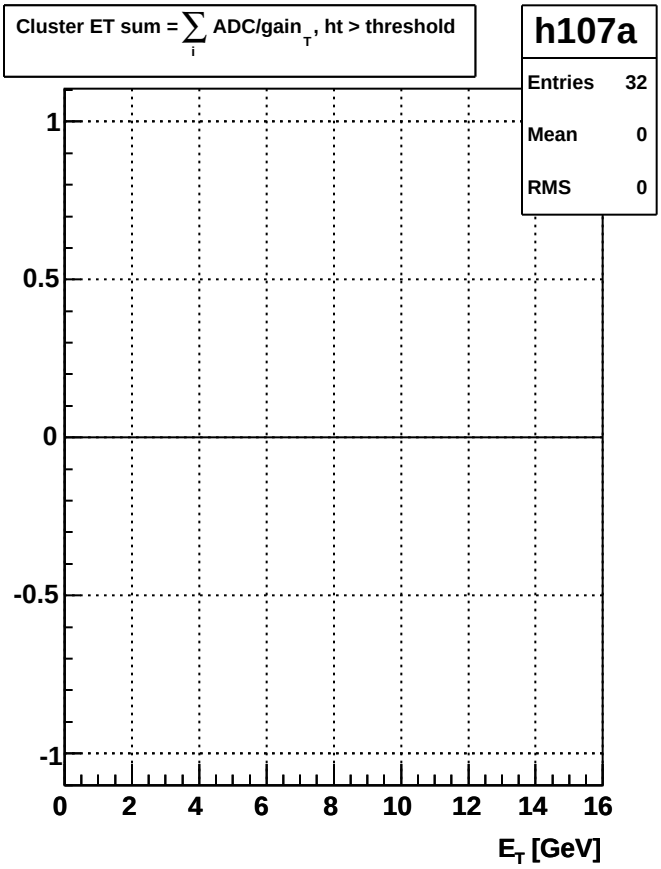

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 6.133
Mean y 31.37
RMS x 3.438
RMS y 16.04
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}
10^{-2}

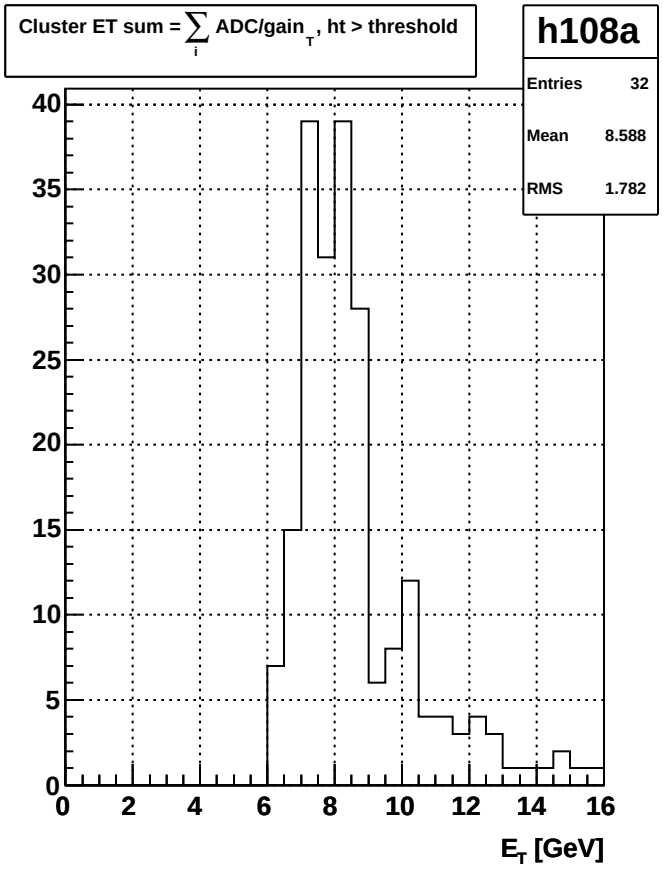

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

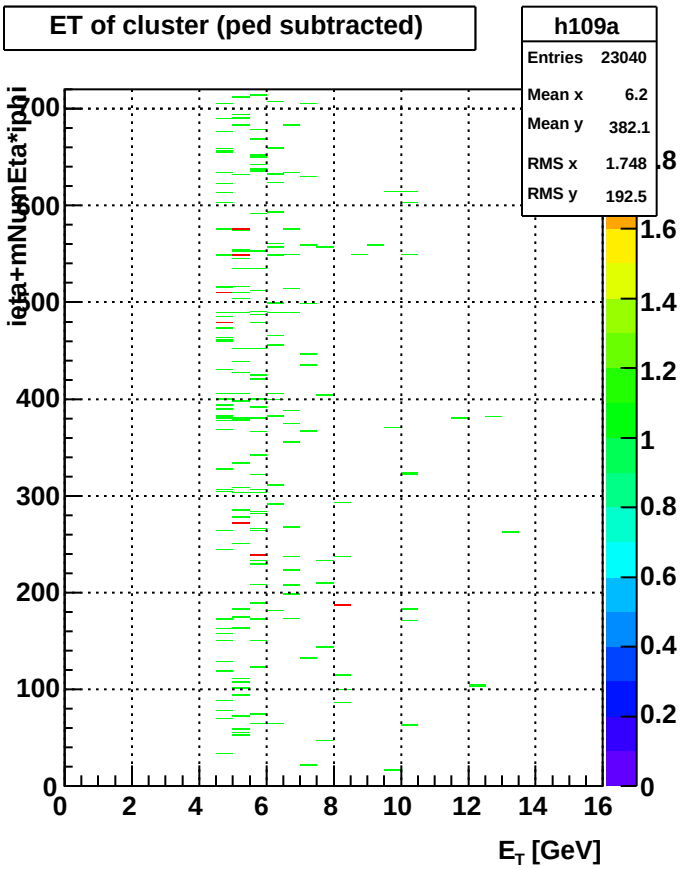

Raw ADC of ht, ht > threshold
h104
Entries 215
Mean 335.9
RMS 59.82
6
5
4
3
2
1
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 210
Mean 337.2
RMS 59.78
6
5
4
3
2
1
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 211
Mean x 63.56
Mean y 380.4
RMS x 11.98
RMS y 193.5
tower id
700
600
500
400
300
200
100
0
0
20
40
60
80
100
120
ADC-ped
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0


Cluster ET sum = $\sum_i$ ADC/gain$_T$, ht > threshold
h107a
Entries 32
Mean 0
RMS 0
E_T [GeV]


Cluster ET sum = $\sum_i$ ADC/gain$_T$, ht > threshold
h108a
Entries 32
Mean 8.588
RMS 1.782
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.2
Mean y 382.1
RMS x 1.748
RMS y 192.5
ieta+mNumEta*iphi
E_T [GeV]