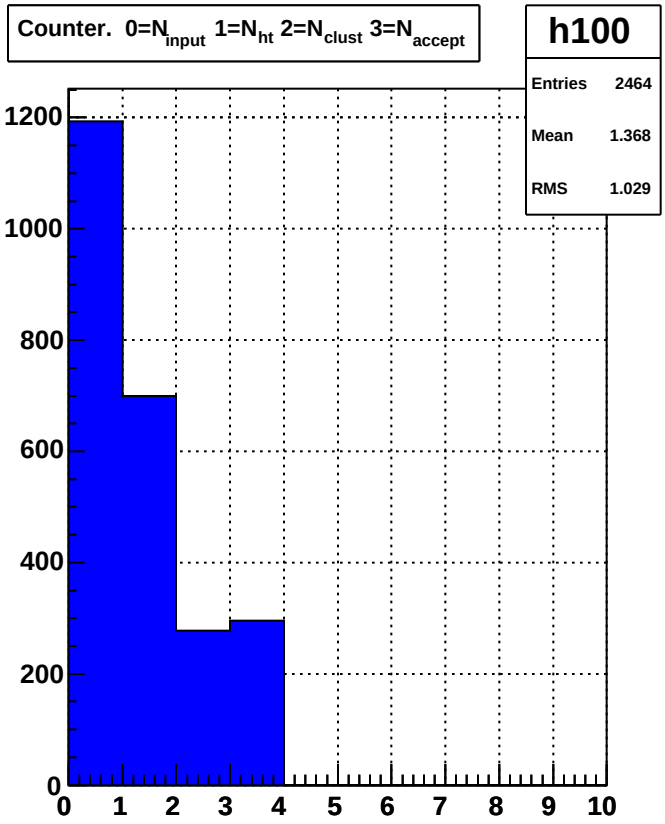
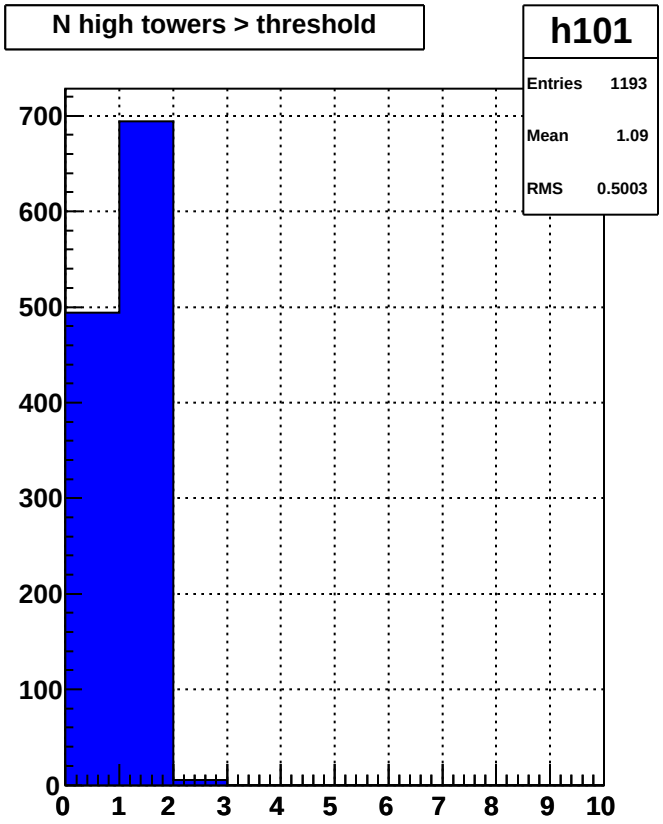
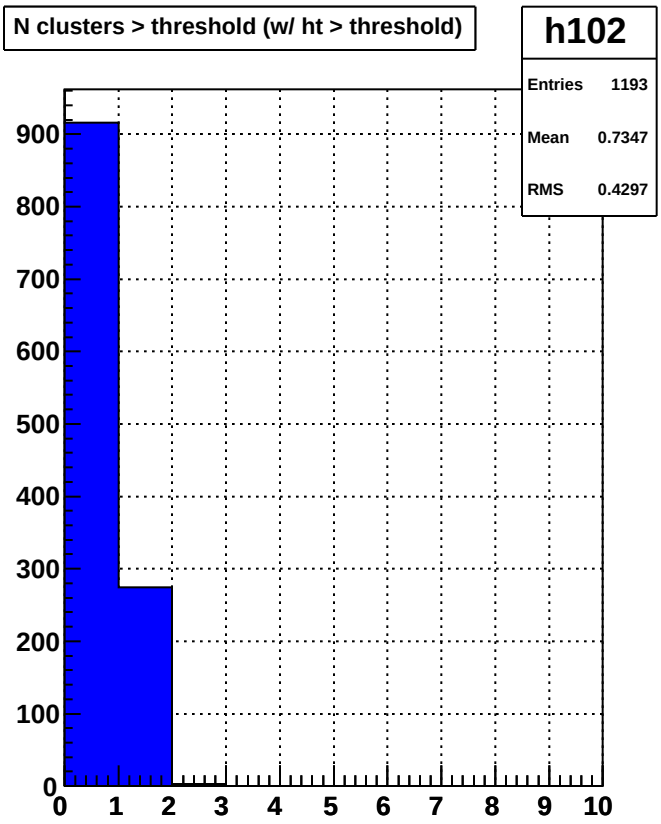
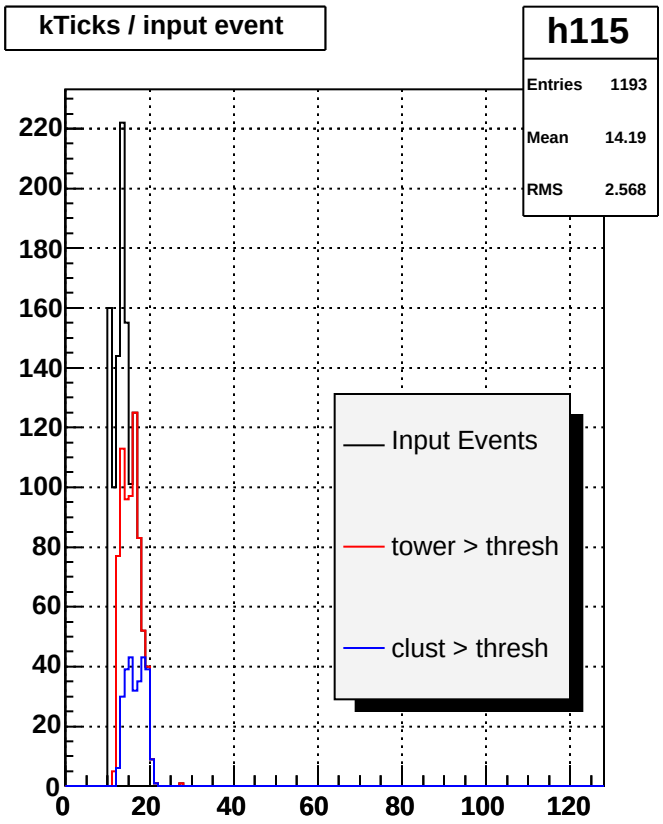
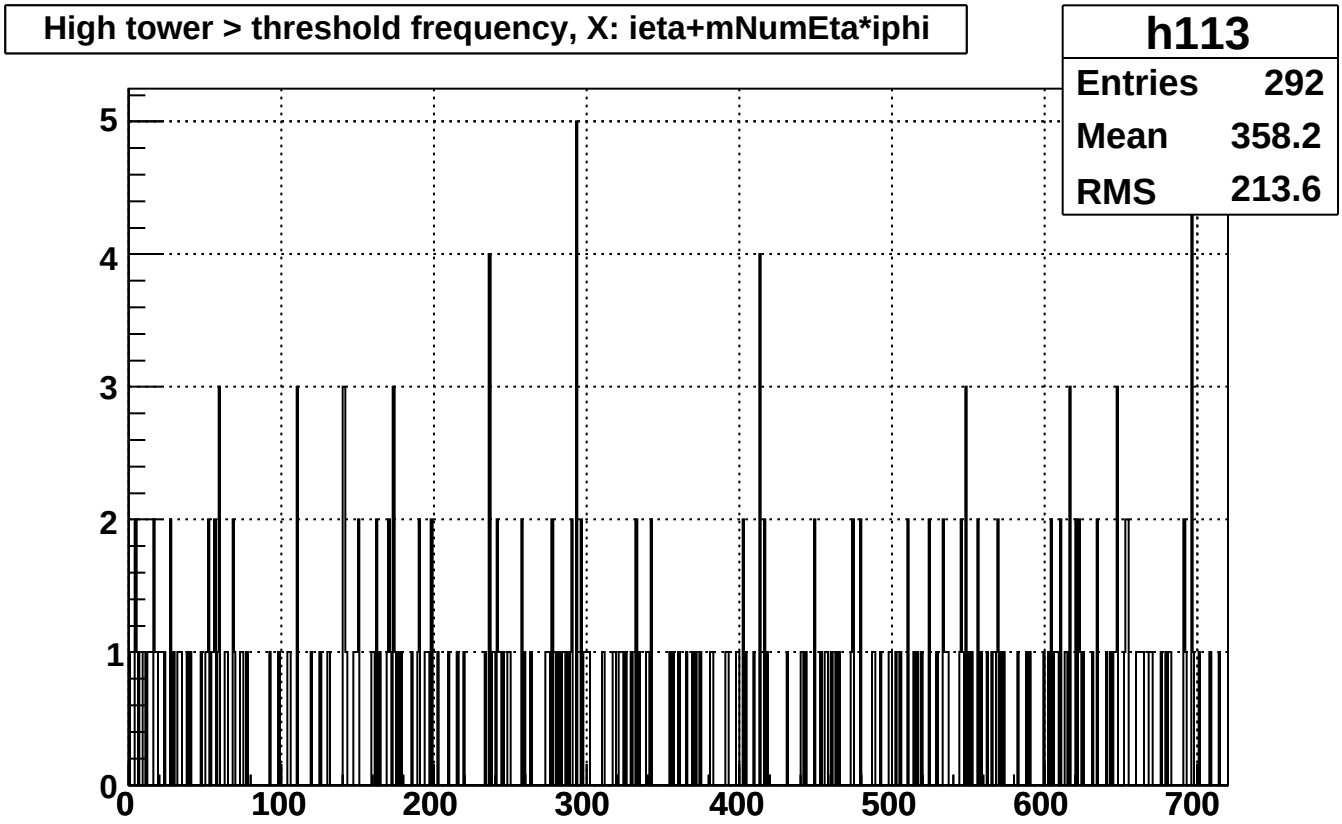
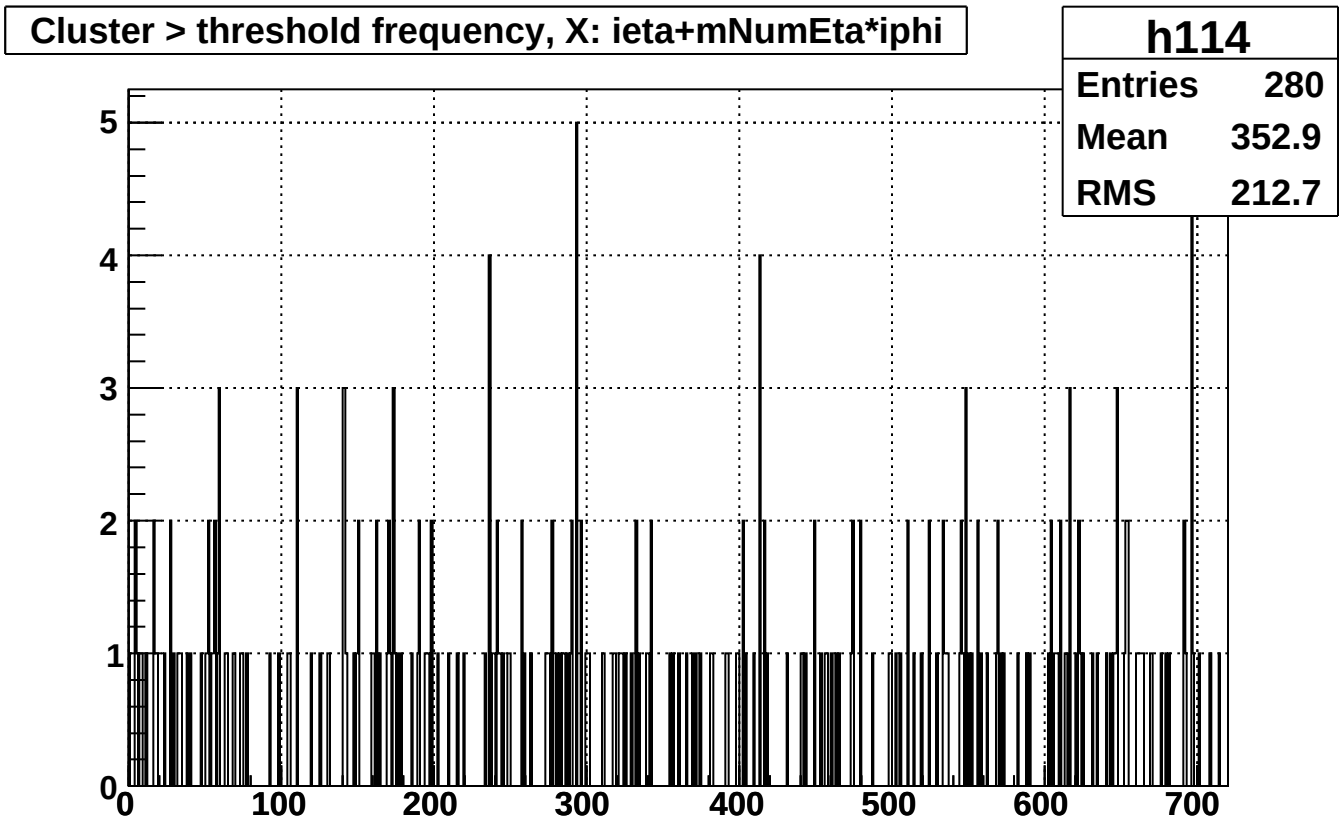

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 2464
Mean 1.368
RMS 1.029

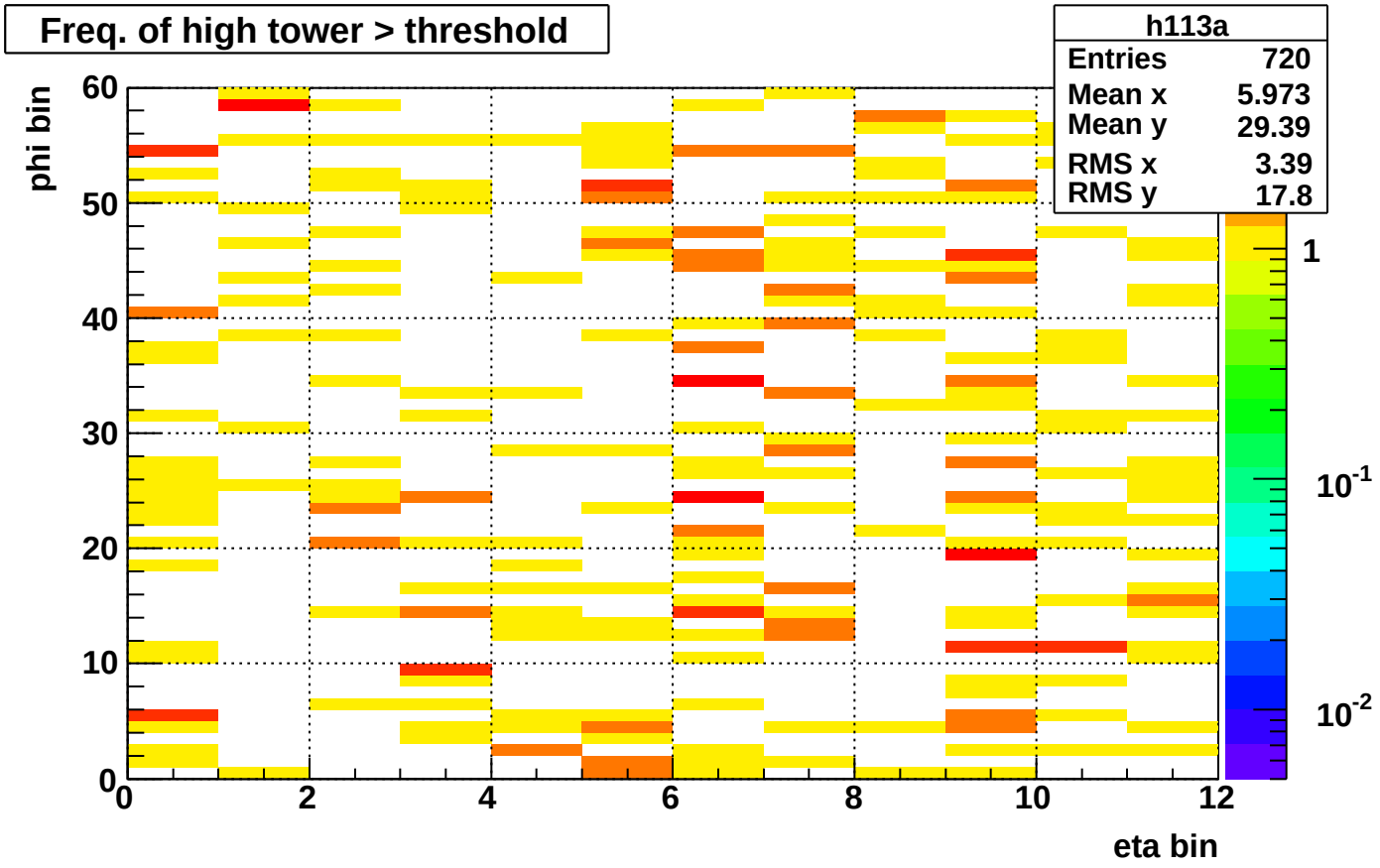

N high towers > threshold
h101
Entries 1193
Mean 1.09
RMS 0.5003

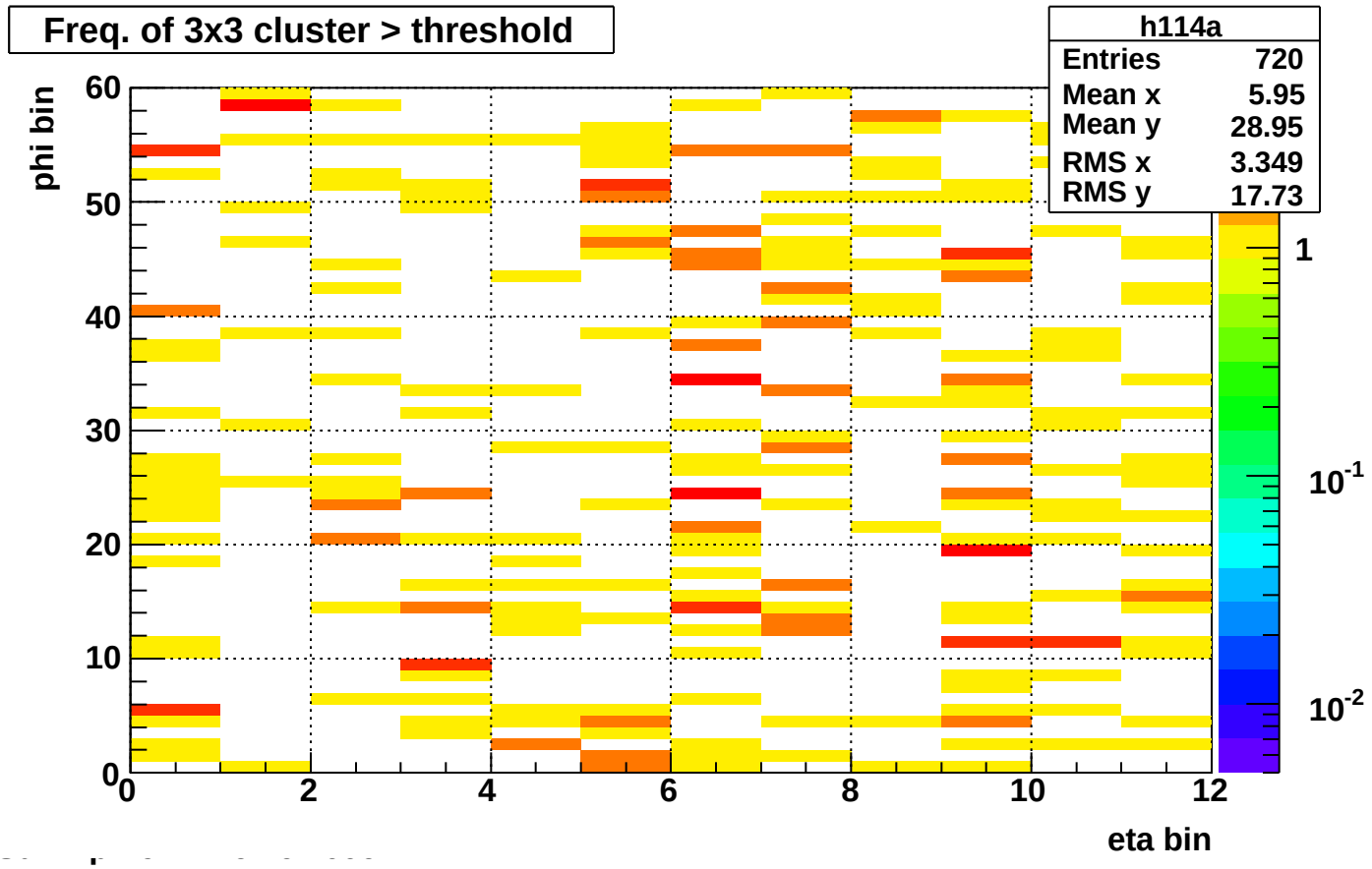

N clusters > threshold (w/ ht > threshold)
h102
Entries 1193
Mean 0.7347
RMS 0.4297

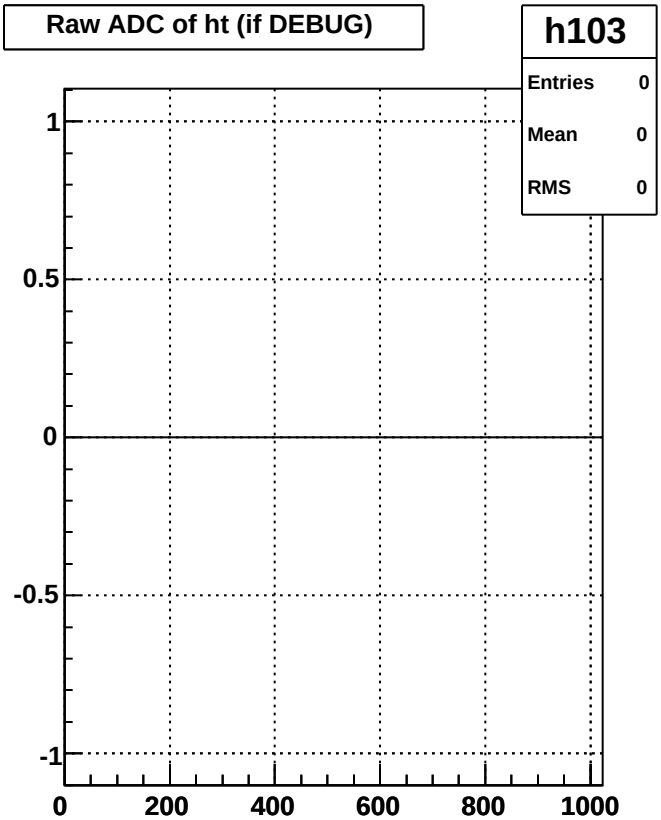

kTicks / input event
h115
Entries 1193
Mean 14.19
RMS 2.568
Input Events
tower > thresh
clust > thresh

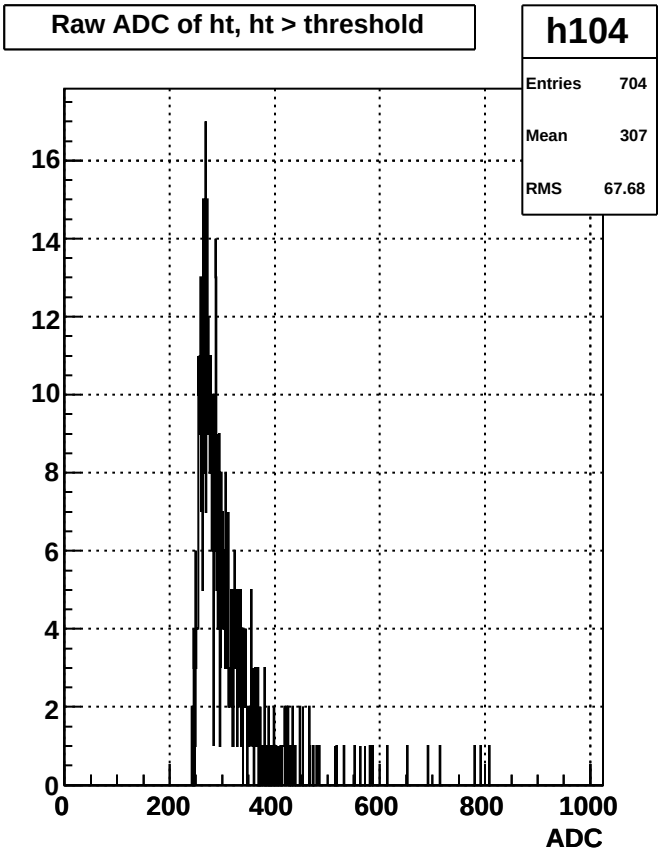

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 292
Mean 358.2
RMS 213.6
0
1
2
3
4
5
0
100
200
300
400
500
600
700

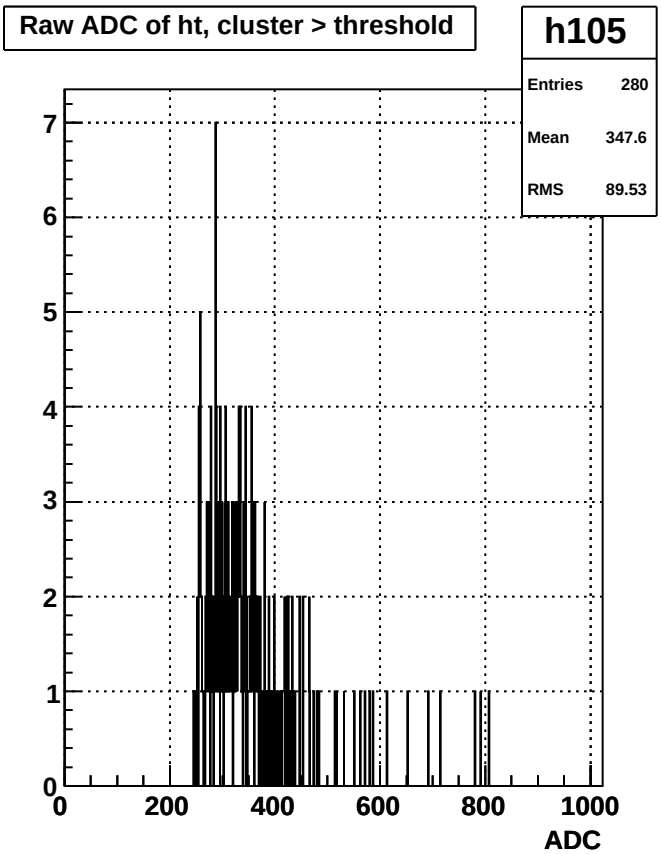

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 280
Mean 352.9
RMS 212.7
0
1
2
3
4
5
0
100
200
300
400
500
600
700

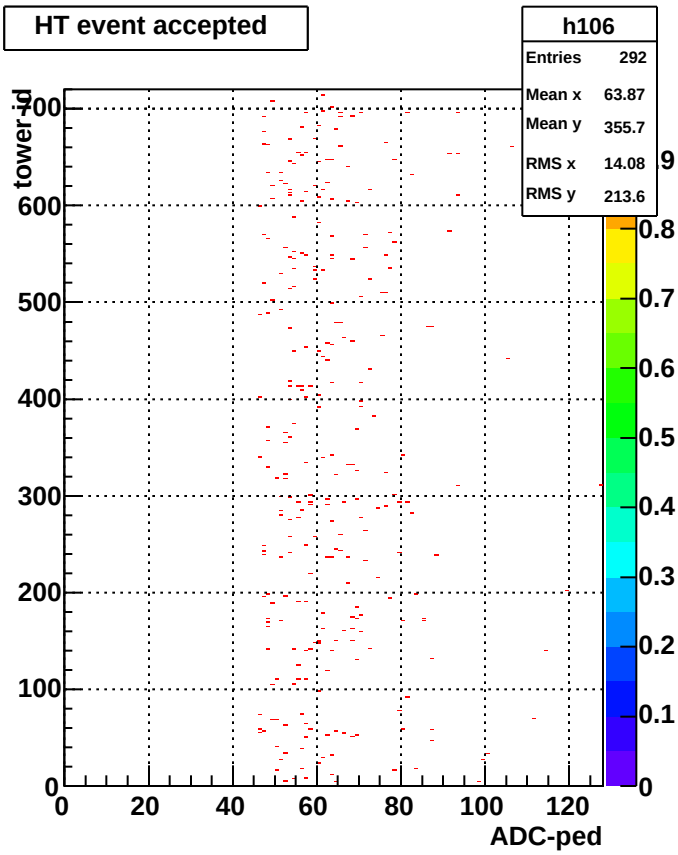

Freq. of high tower > threshold
h113a
Entries 720
Mean x 5.973
Mean y 29.39
RMS x 3.39
RMS y 17.8
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}
10^{-2}

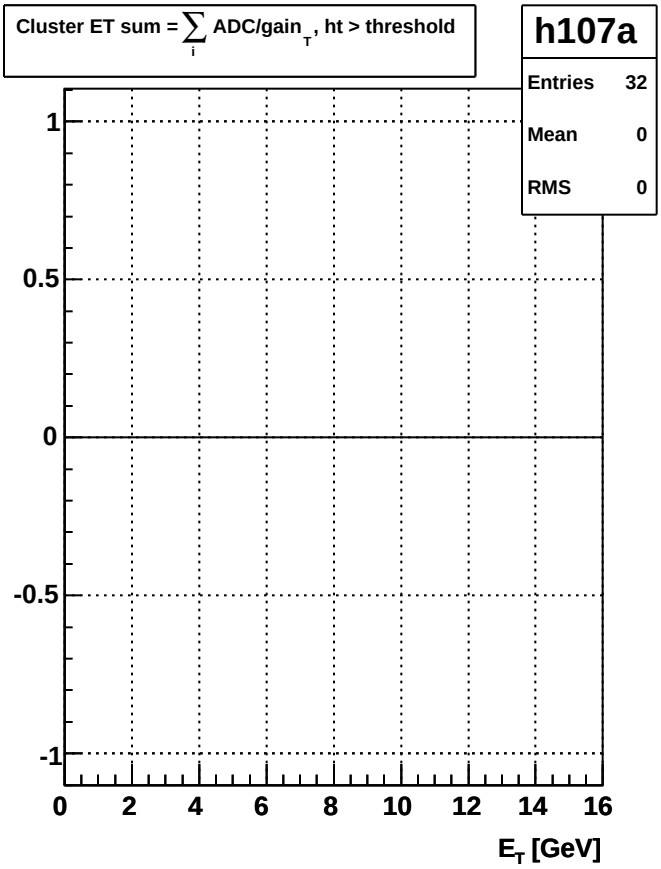

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 5.95
Mean y 28.95
RMS x 3.349
RMS y 17.73
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}
10^{-2}

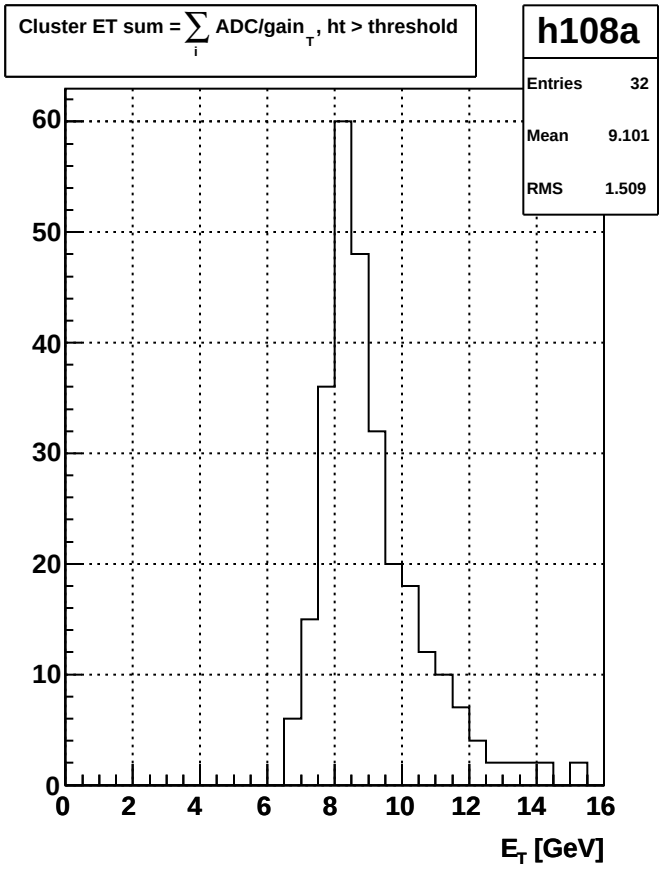

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

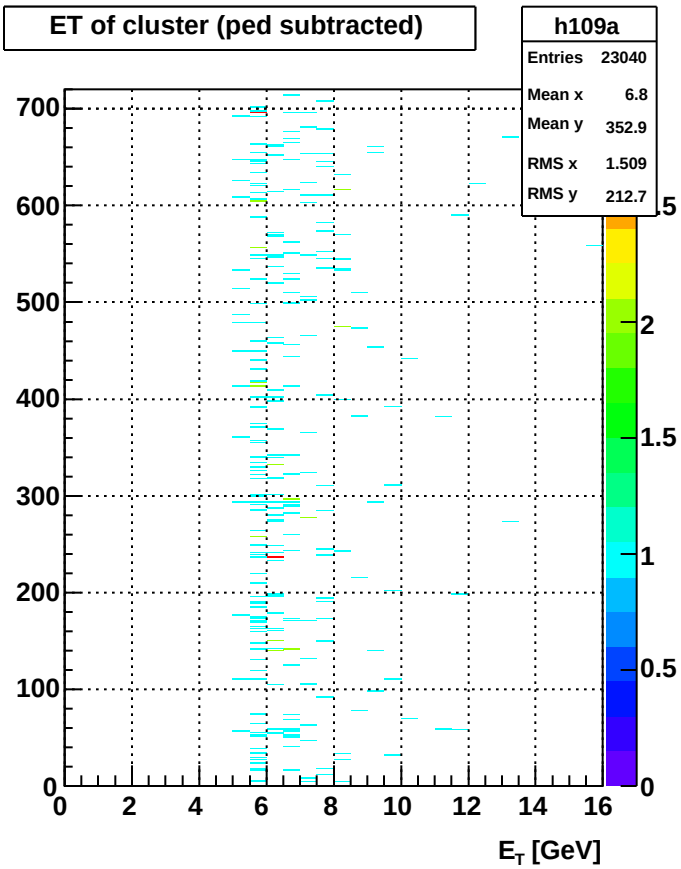

Raw ADC of ht, ht > threshold
h104
Entries 704
Mean 307
RMS 67.68
16
14
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 280
Mean 347.6
RMS 89.53
7
6
5
4
3
2
1
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 292
Mean x 63.87
Mean y 355.7
RMS x 14.08
RMS y 213.6
tower id
700
600
500
400
300
200
100
0
0
20
40
60
80
100
120
ADC-ped
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
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 9.101
RMS 1.509
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.8
Mean y 352.9
RMS x 1.509
RMS y 212.7
E_T [GeV]