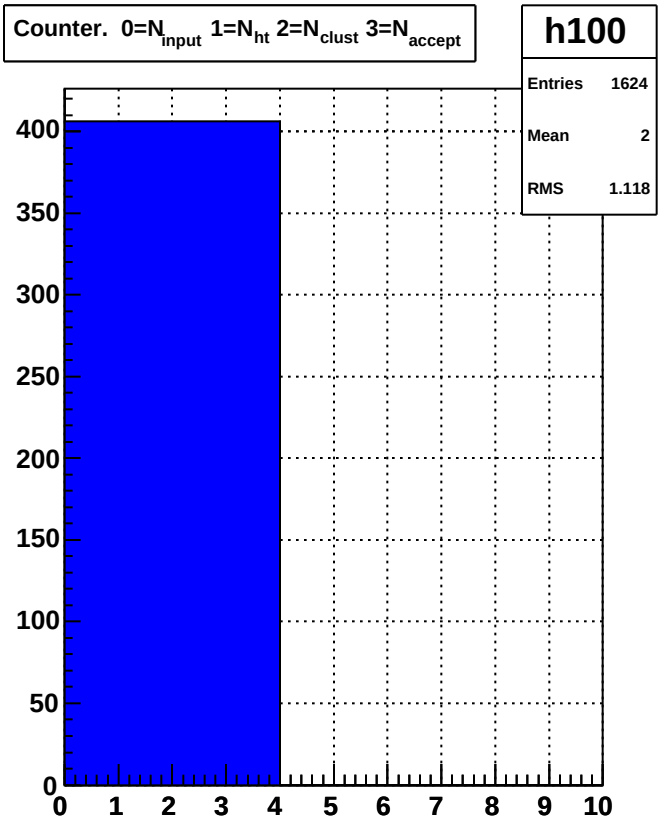
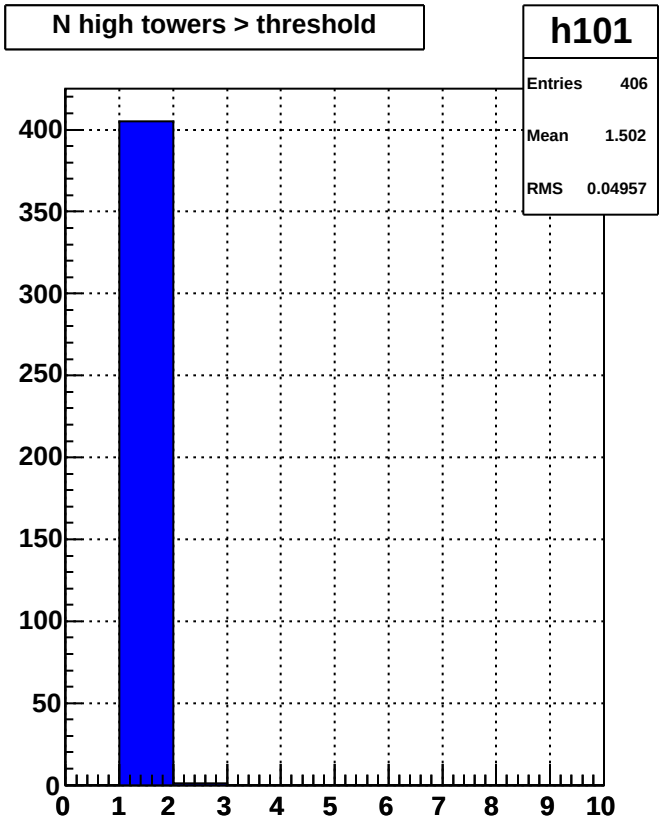
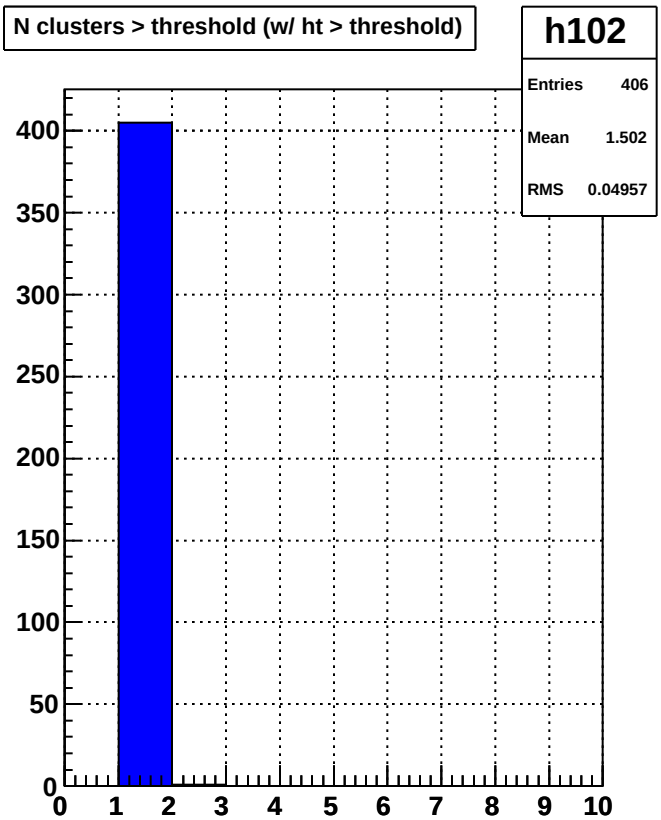
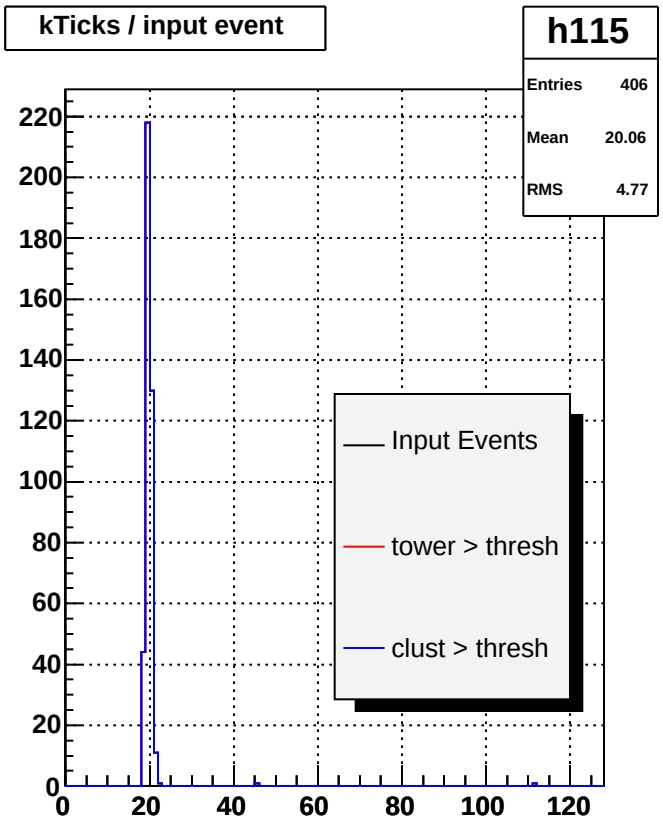
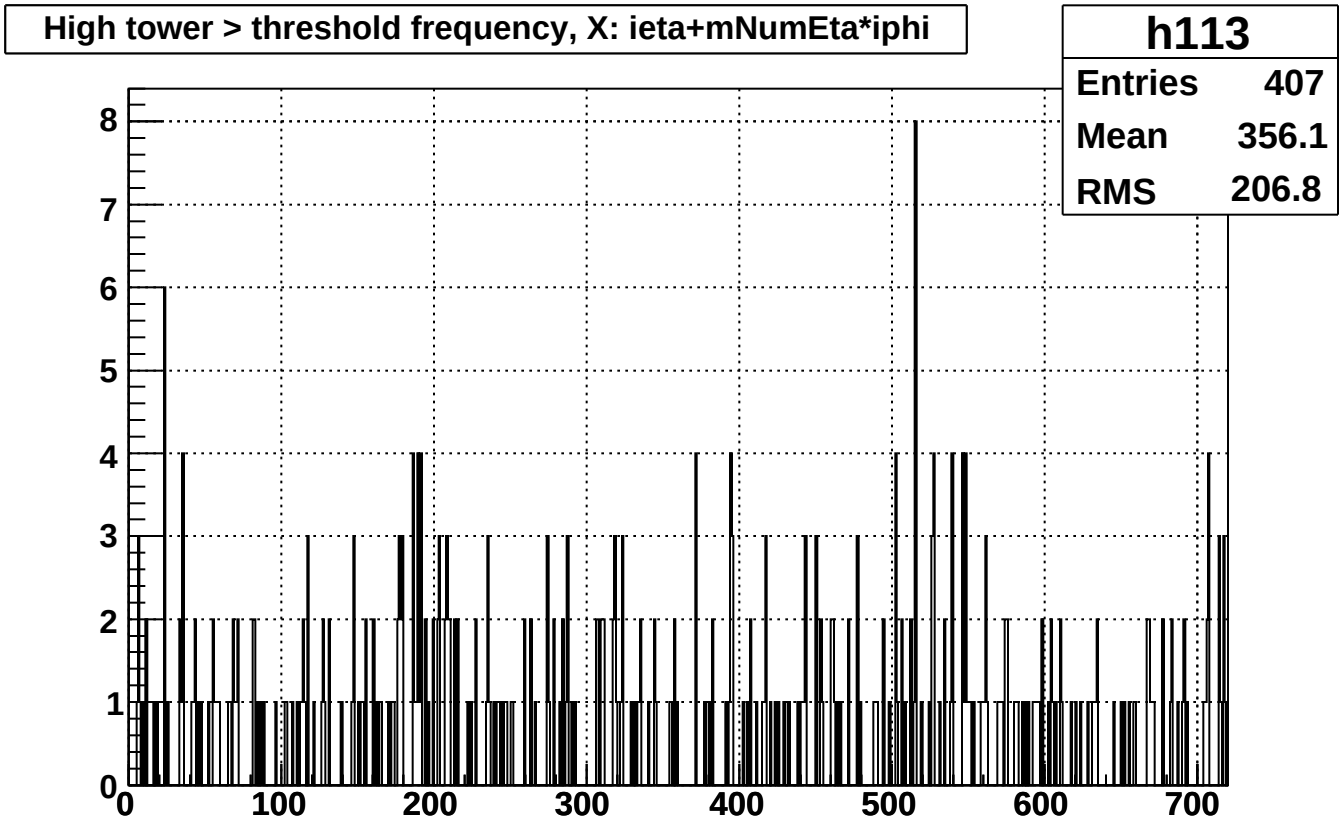
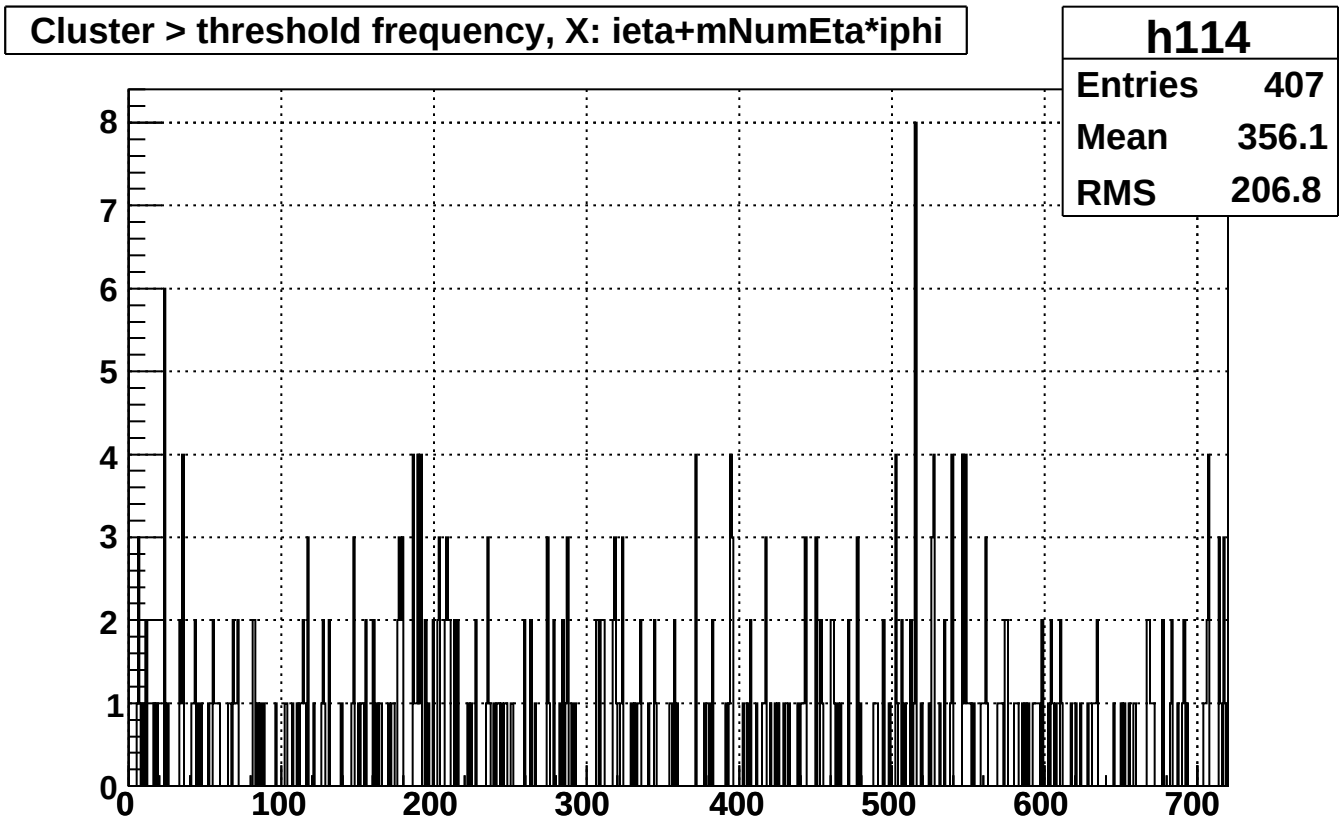

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 1624
Mean 2
RMS 1.118

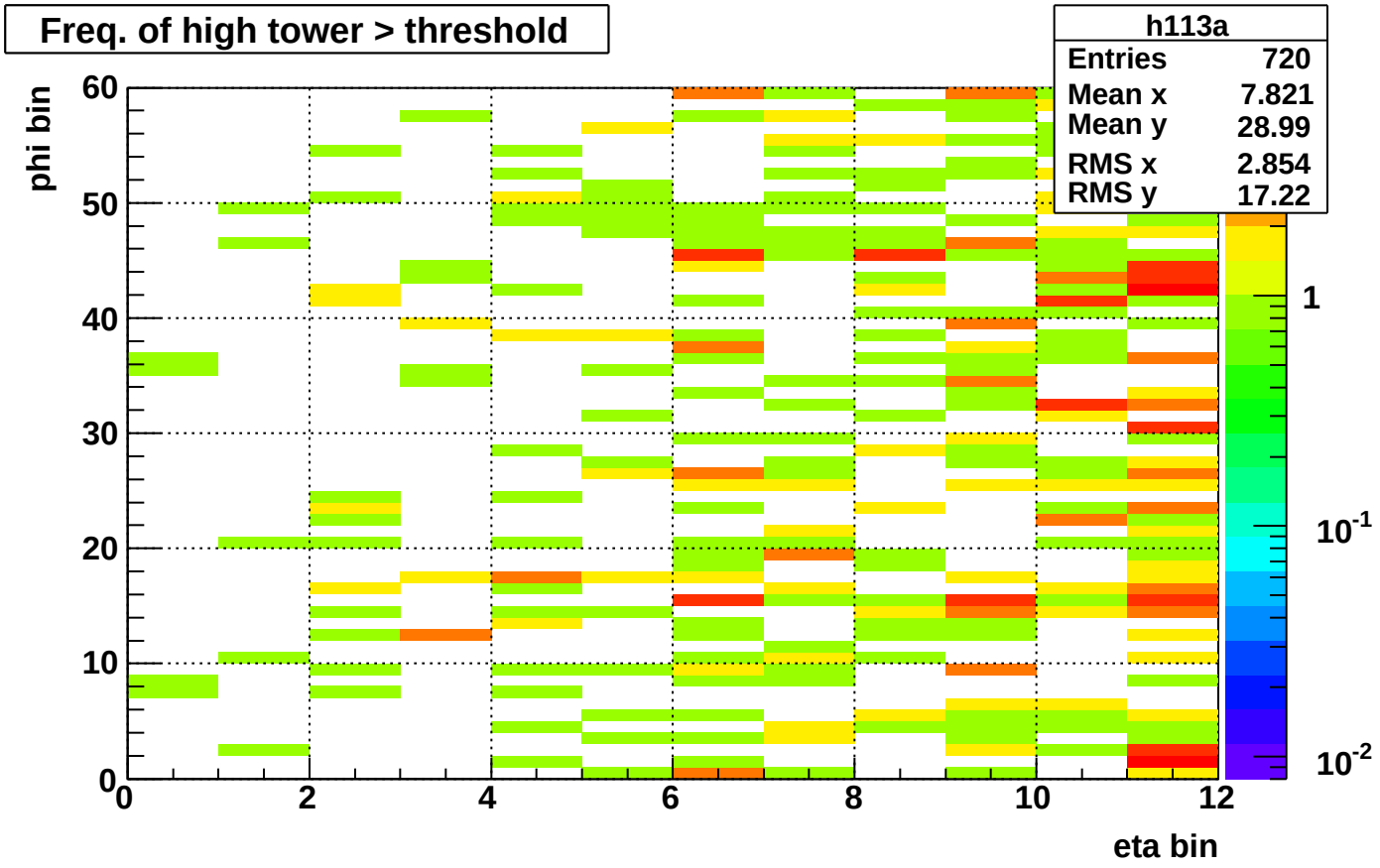

N high towers > threshold
h101
Entries 406
Mean 1.502
RMS 0.04957

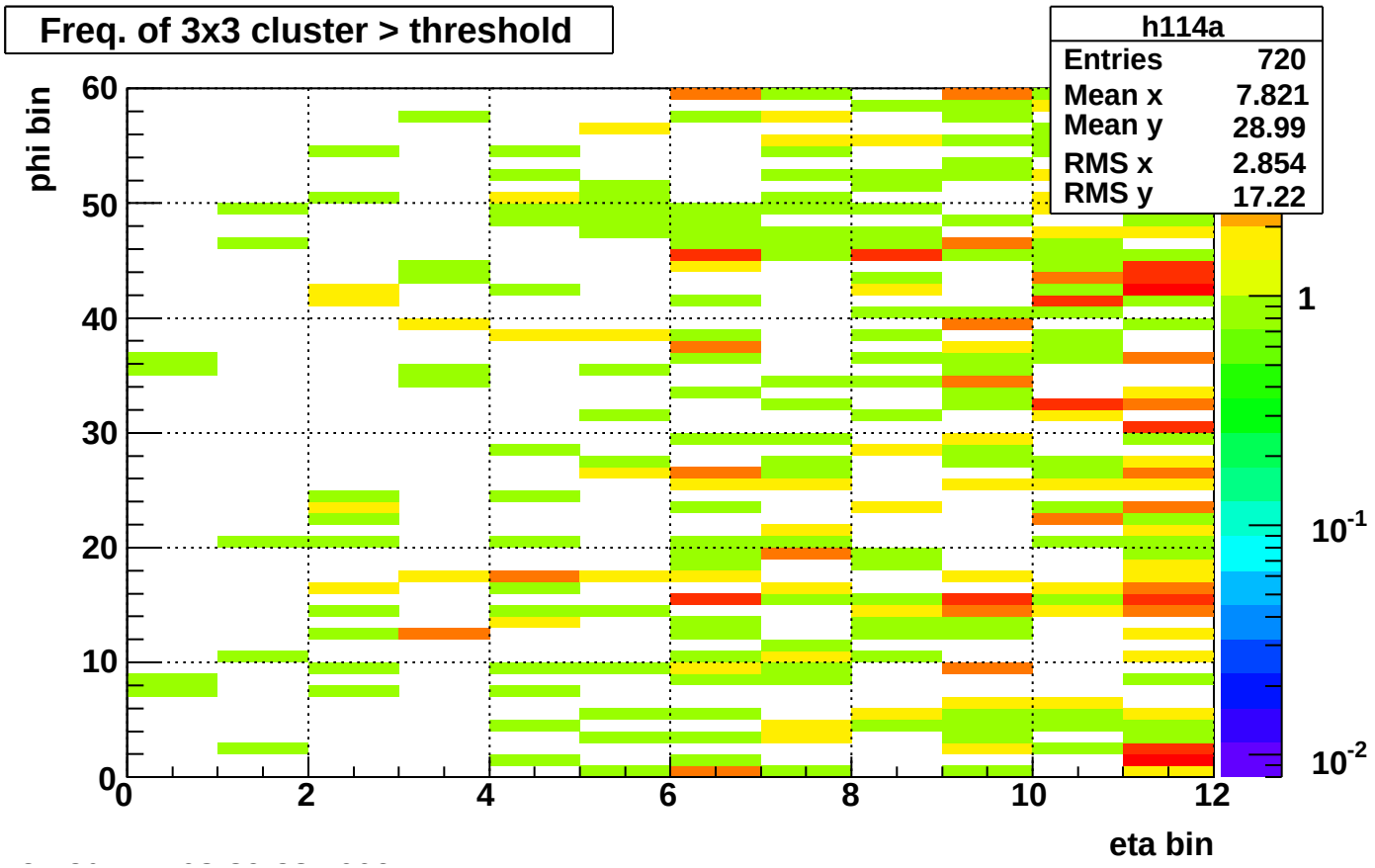

N clusters > threshold (w/ ht > threshold)
h102
Entries 406
Mean 1.502
RMS 0.04957

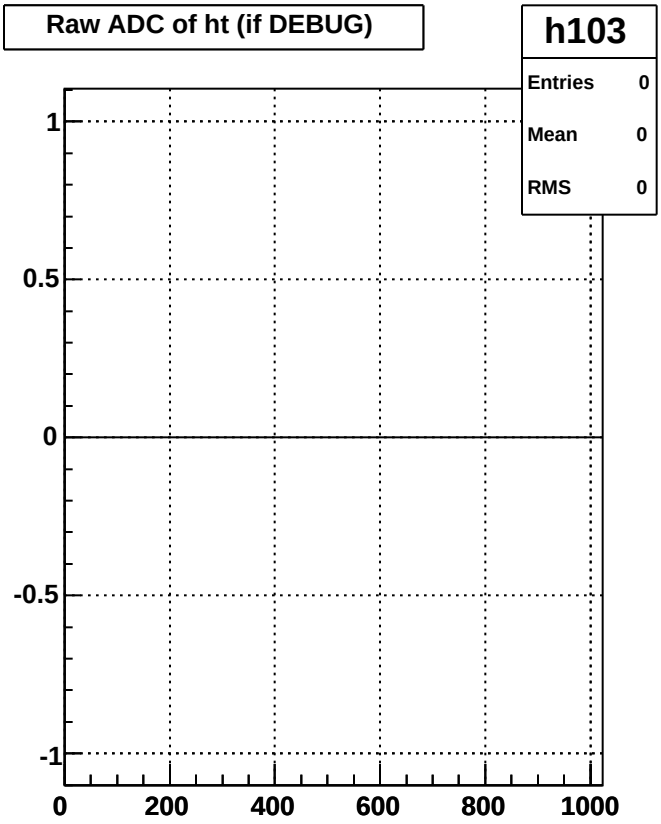

kTicks / input event
h115
Entries 406
Mean 20.06
RMS 4.77
Input Events
tower > thresh
clust > thresh

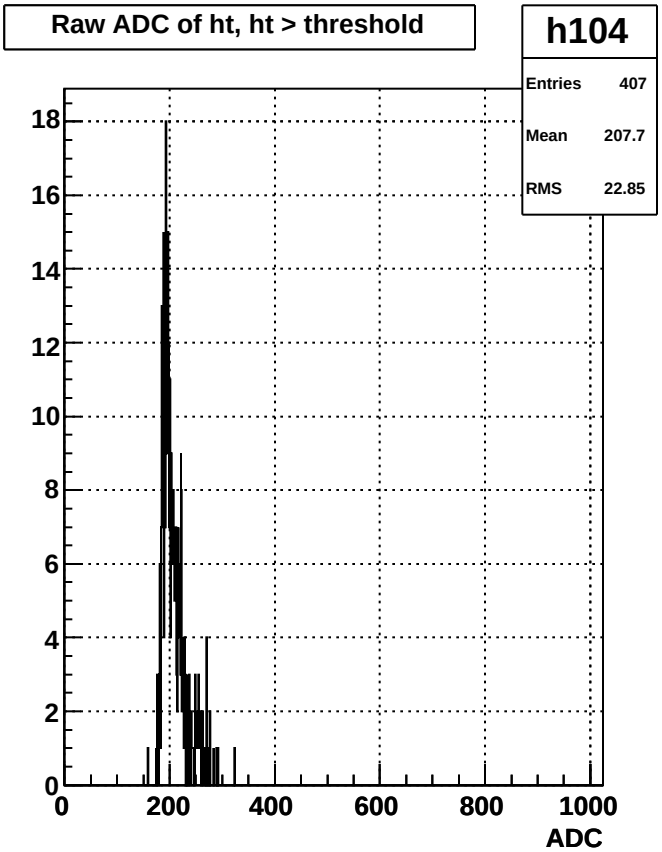

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 407
Mean 356.1
RMS 206.8
0
1
2
3
4
5
6
7
8
0
100
200
300
400
500
600
700

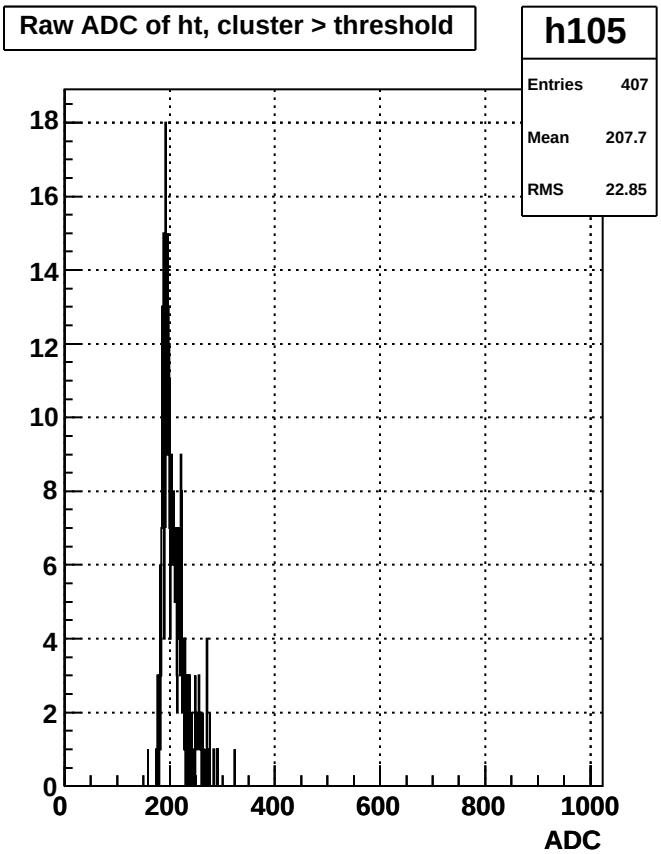

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 407
Mean 356.1
RMS 206.8
0
1
2
3
4
5
6
7
8
0
100
200
300
400
500
600
700

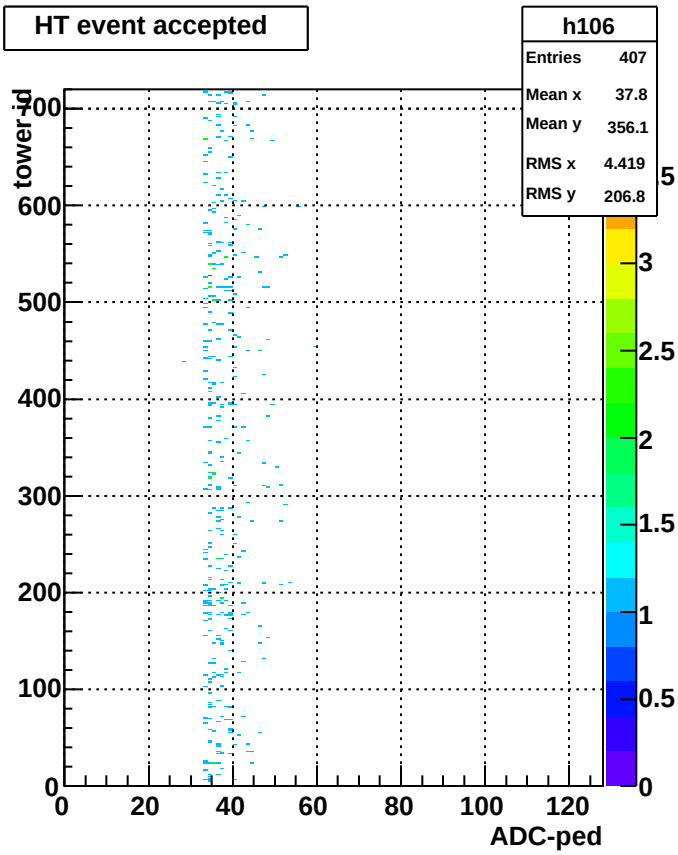

Freq. of high tower > threshold
h113a
Entries 720
Mean x 7.821
Mean y 28.99
RMS x 2.854
RMS y 17.22
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}
10^{-2}

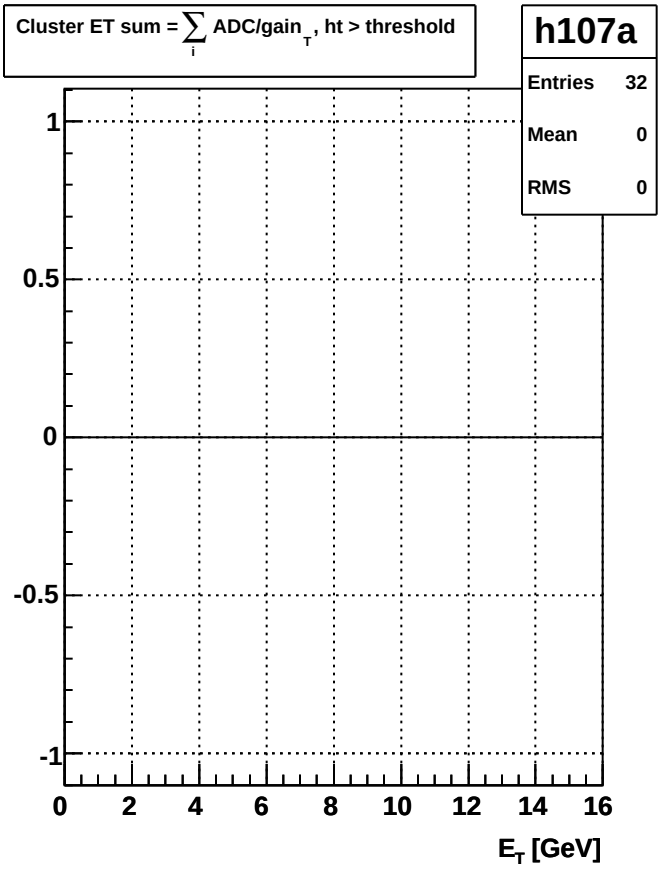

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 7.821
Mean y 28.99
RMS x 2.854
RMS y 17.22
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}
10^{-2}

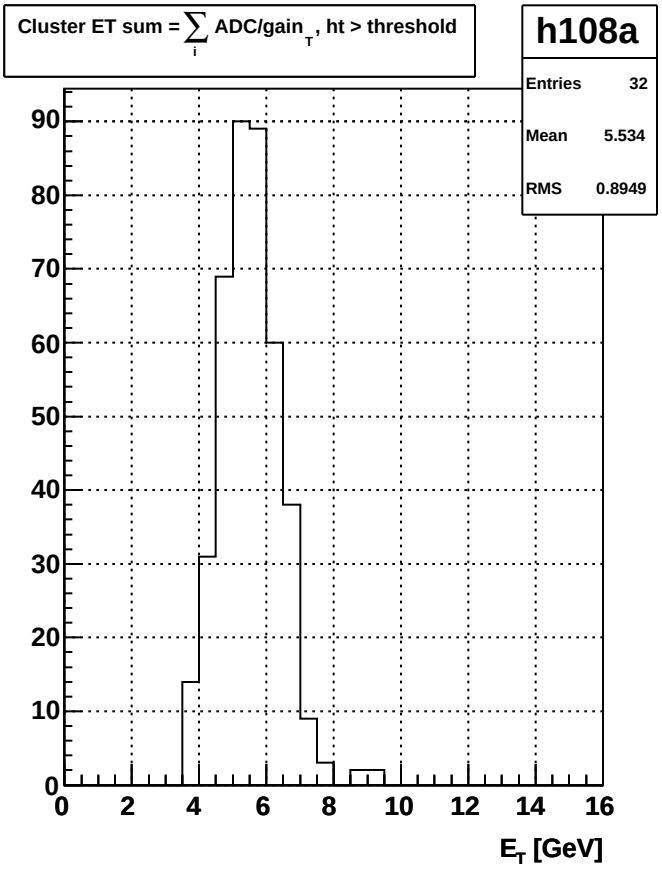

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

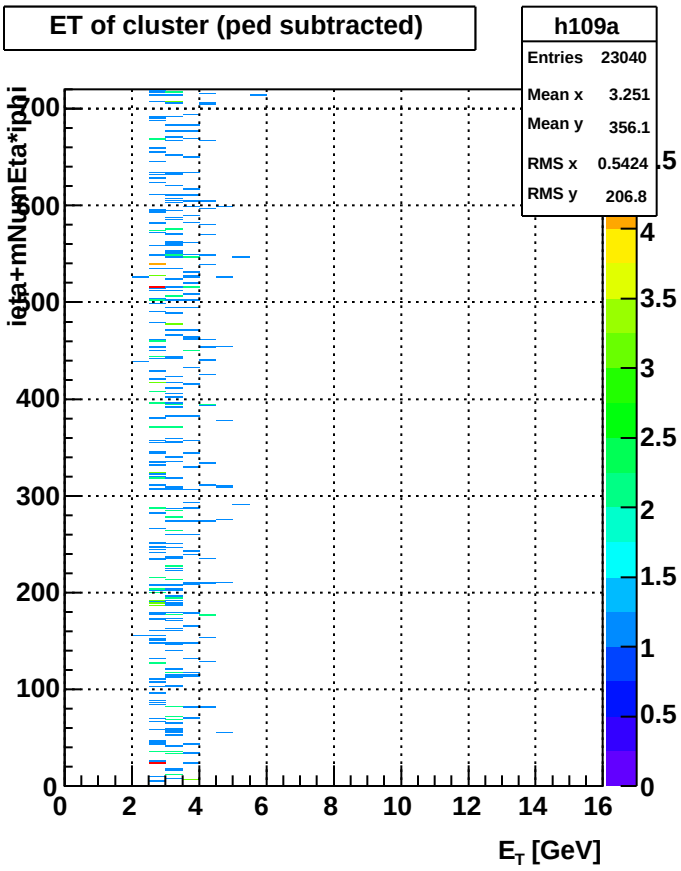

Raw ADC of ht, ht > threshold
h104
Entries 407
Mean 207.7
RMS 22.85
18
16
14
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 407
Mean 207.7
RMS 22.85
18
16
14
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 407
Mean x 37.8
Mean y 356.1
RMS x 4.419
RMS y 206.8
tower id
700
600
500
400
300
200
100
0
0
20
40
60
80
100
120
ADC-ped
5
3
2.5
2
1.5
1
0.5
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 5.534
RMS 0.8949
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 3.251
Mean y 356.1
RMS x 0.5424
RMS y 206.8
ieta+mNumEta*iphi
E_T [GeV]