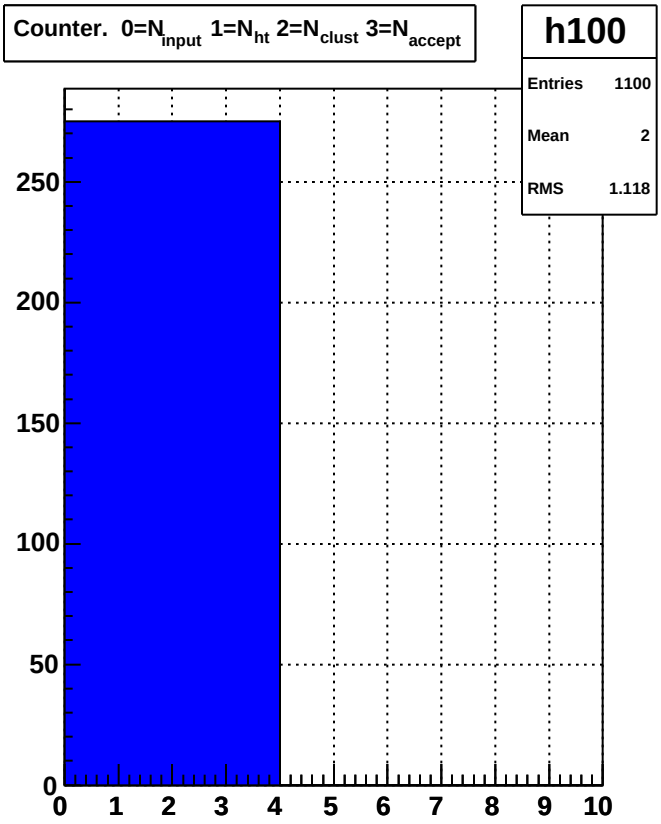
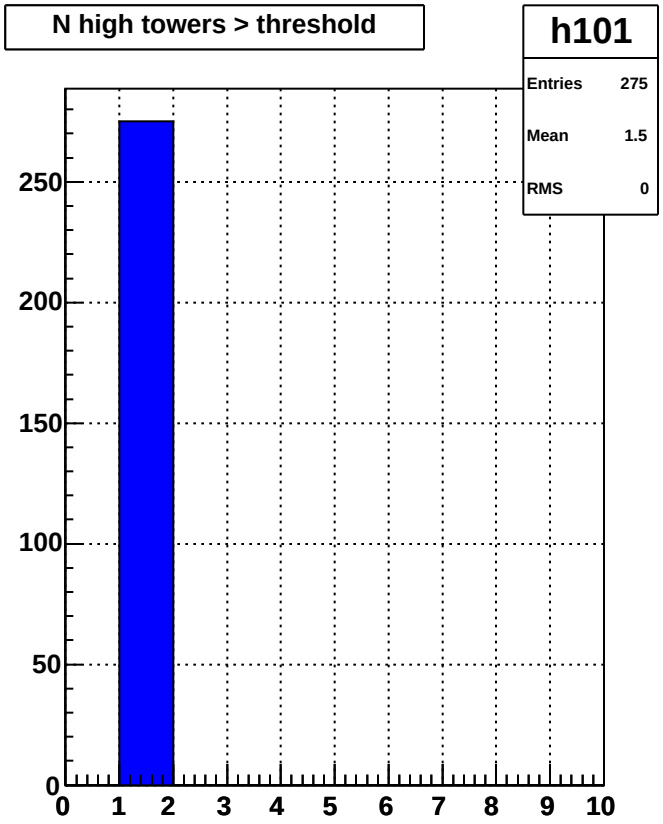
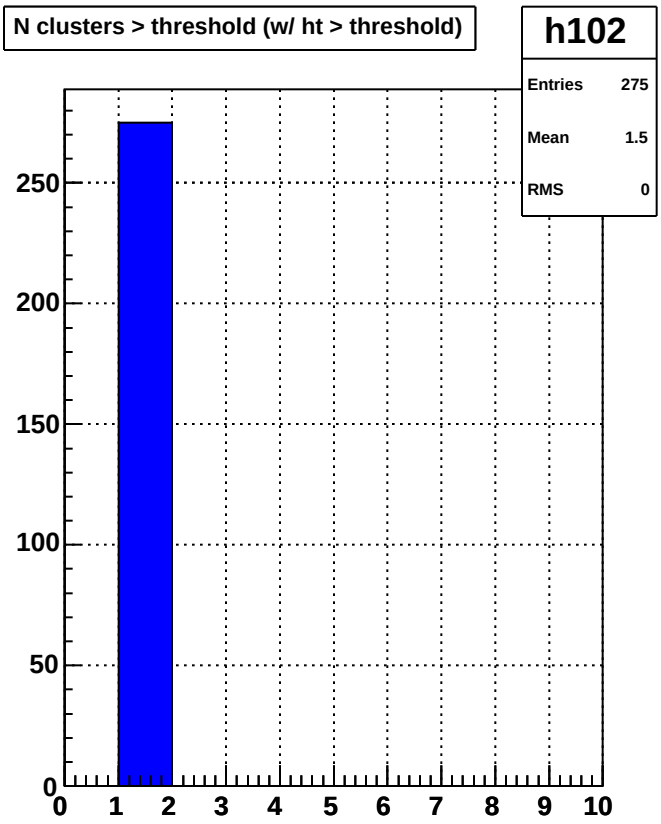
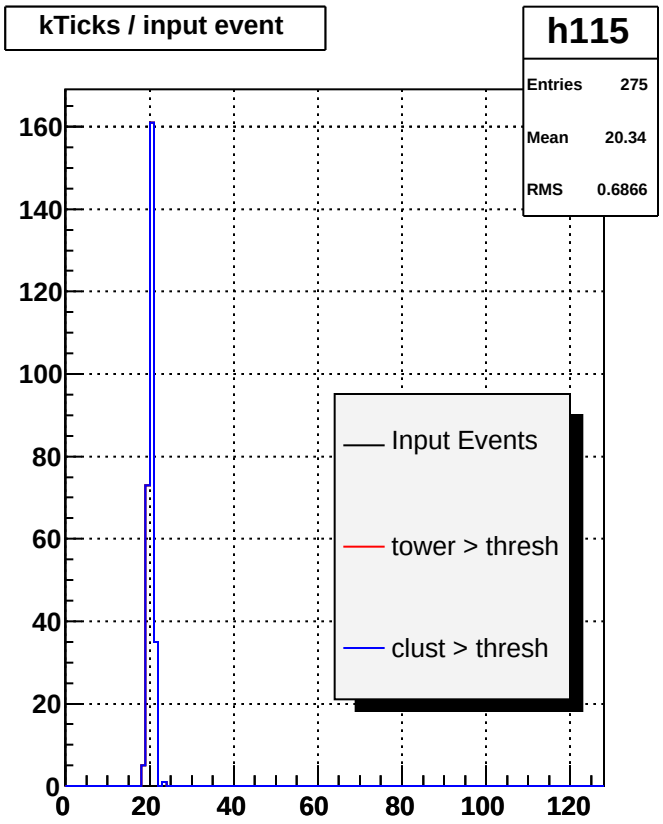
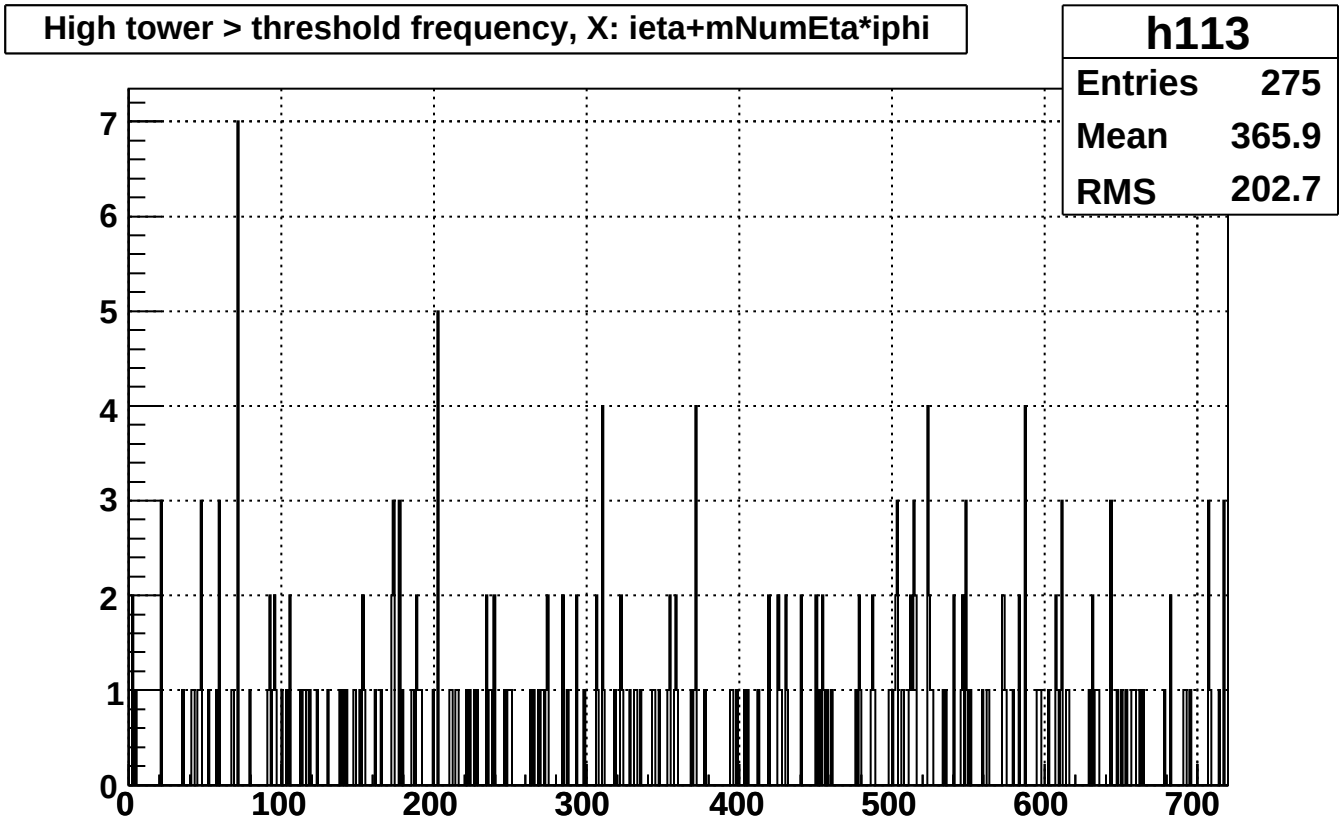
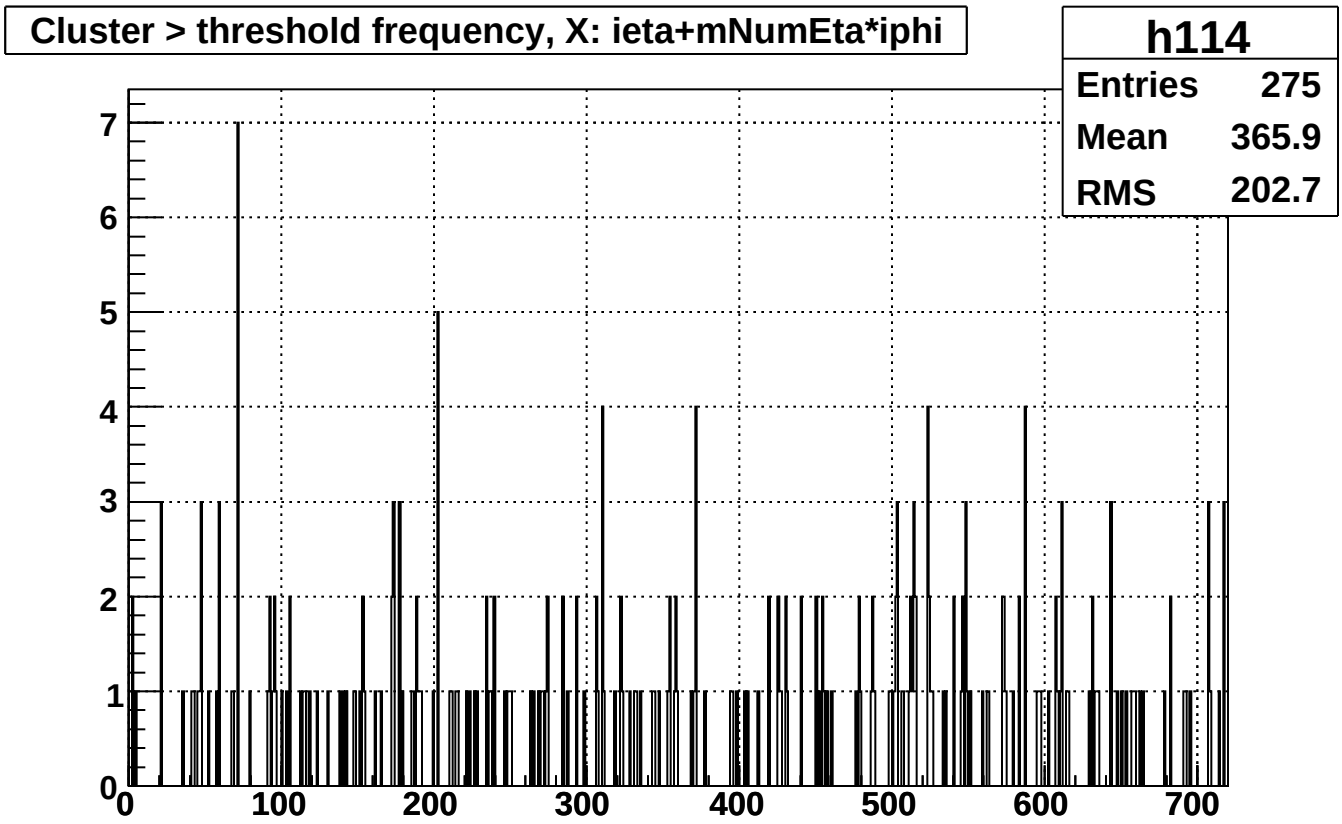

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 1100
Mean 2
RMS 1.118

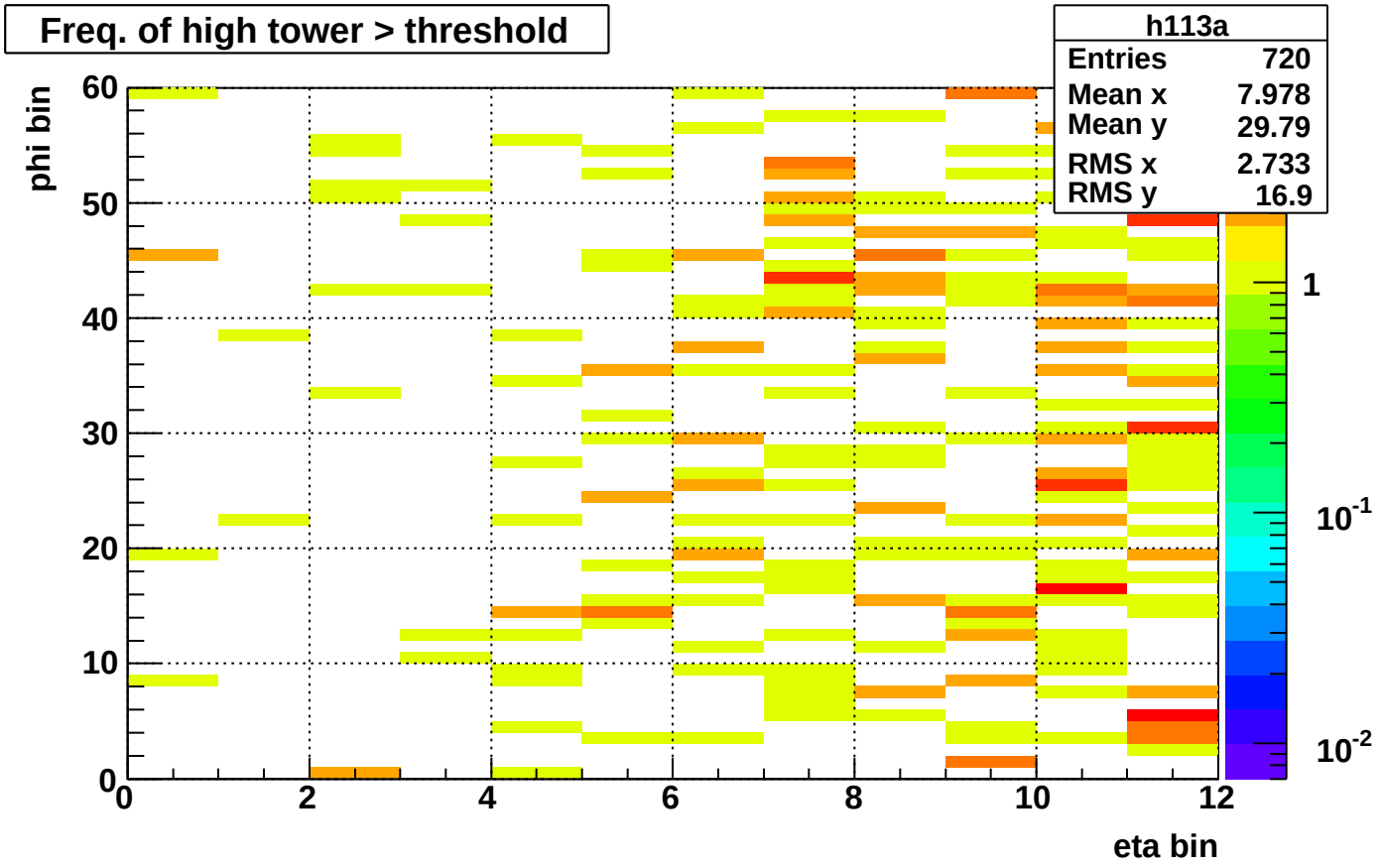

N high towers > threshold
h101
Entries 275
Mean 1.5
RMS 0

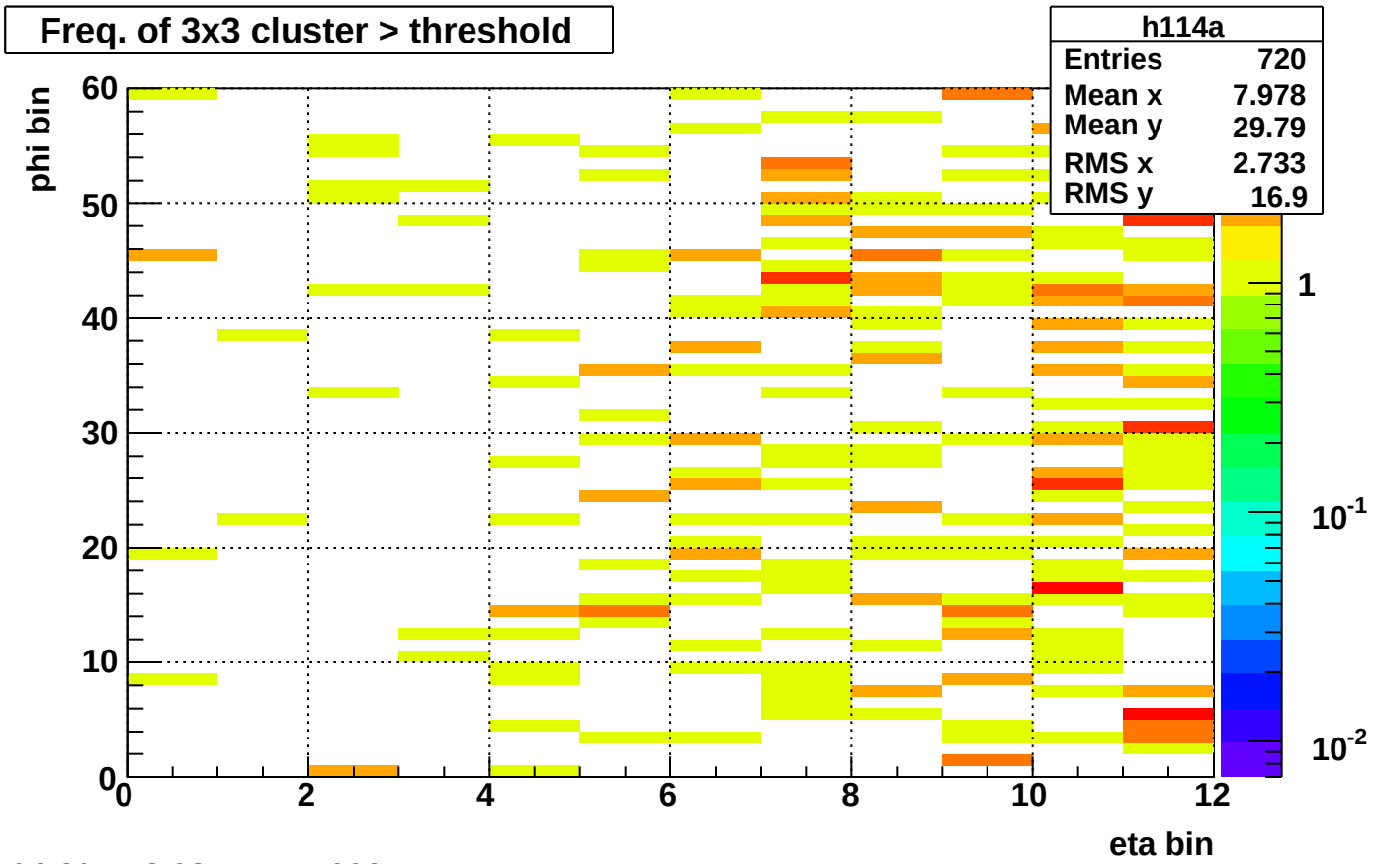

N clusters > threshold (w/ ht > threshold)
h102
Entries 275
Mean 1.5
RMS 0

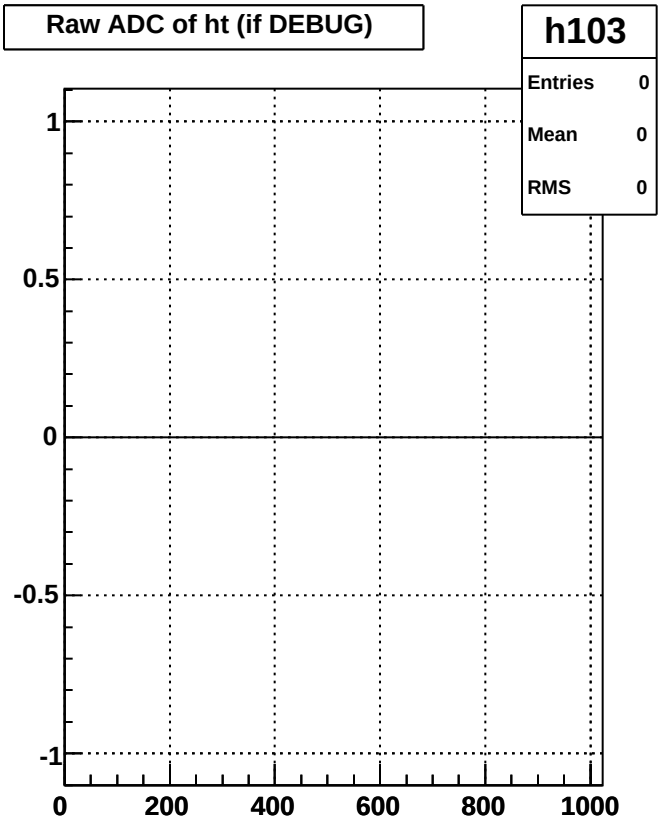

kTicks / input event
h115
Entries 275
Mean 20.34
RMS 0.6866
Input Events
tower > thresh
clust > thresh

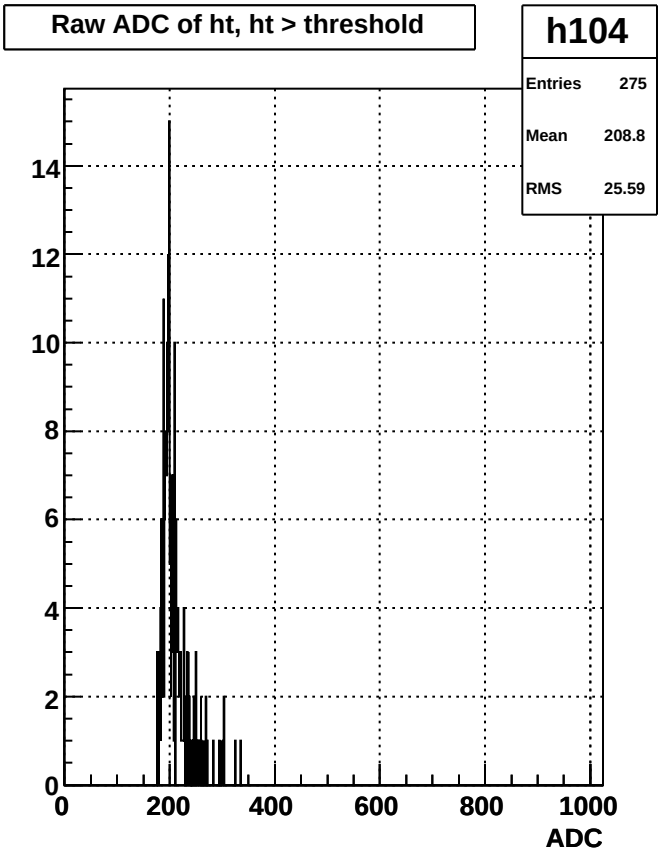

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 275
Mean 365.9
RMS 202.7
0
1
2
3
4
5
6
7
0
100
200
300
400
500
600
700

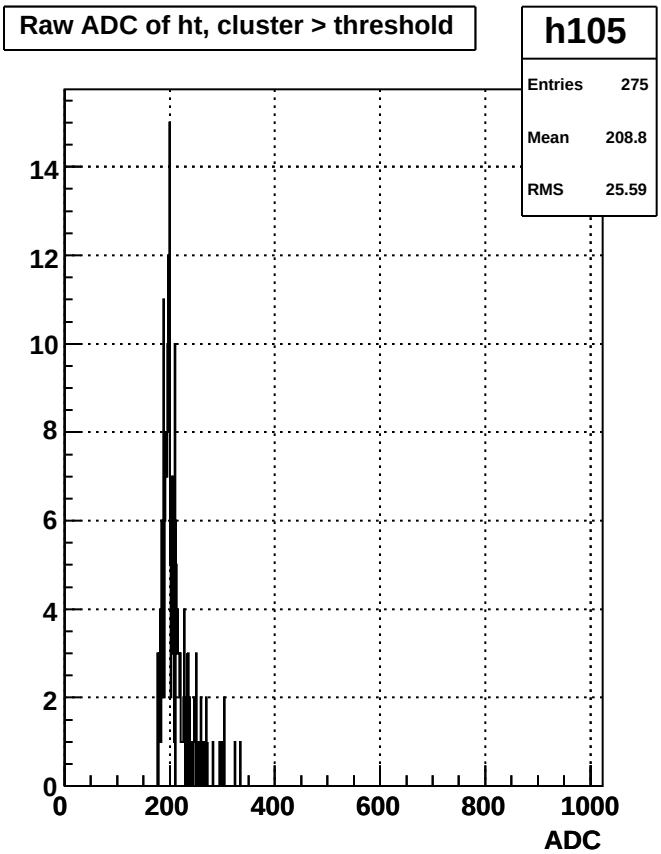

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 275
Mean 365.9
RMS 202.7
0
1
2
3
4
5
6
7
0
100
200
300
400
500
600
700

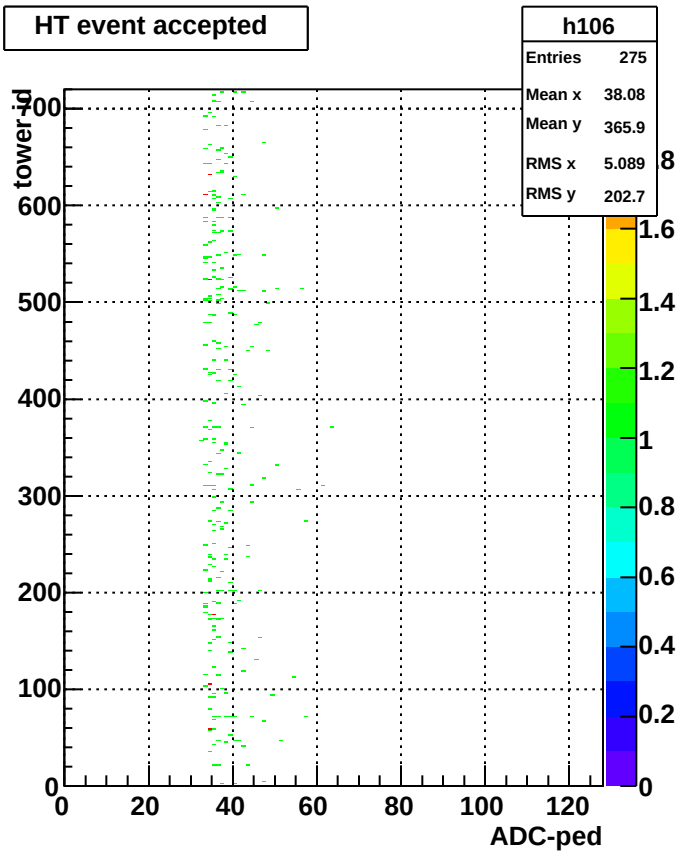

Freq. of high tower > threshold
h113a
Entries 720
Mean x 7.978
Mean y 29.79
RMS x 2.733
RMS y 16.9
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}
10^{-2}

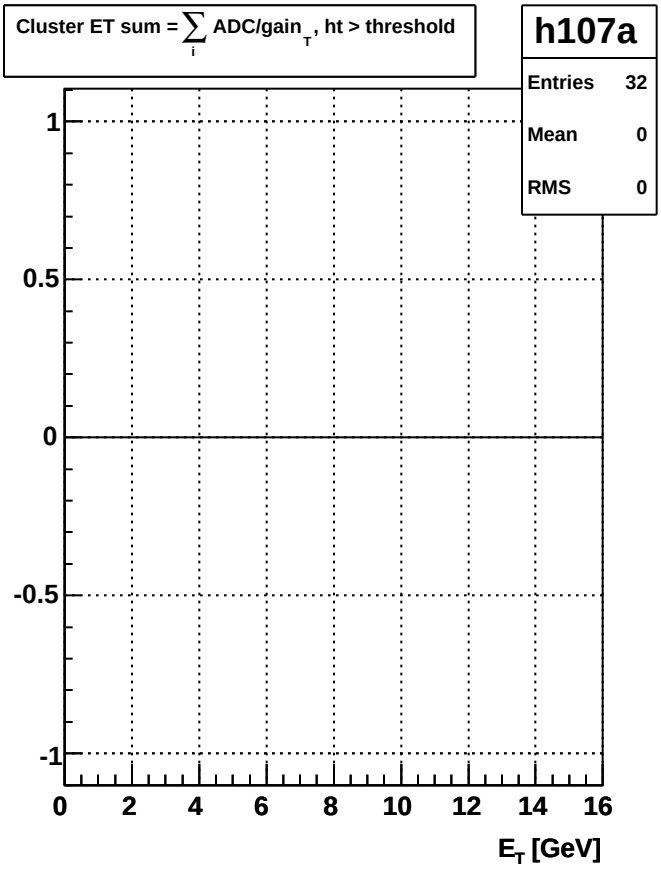

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 7.978
Mean y 29.79
RMS x 2.733
RMS y 16.9
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}
10^{-2}

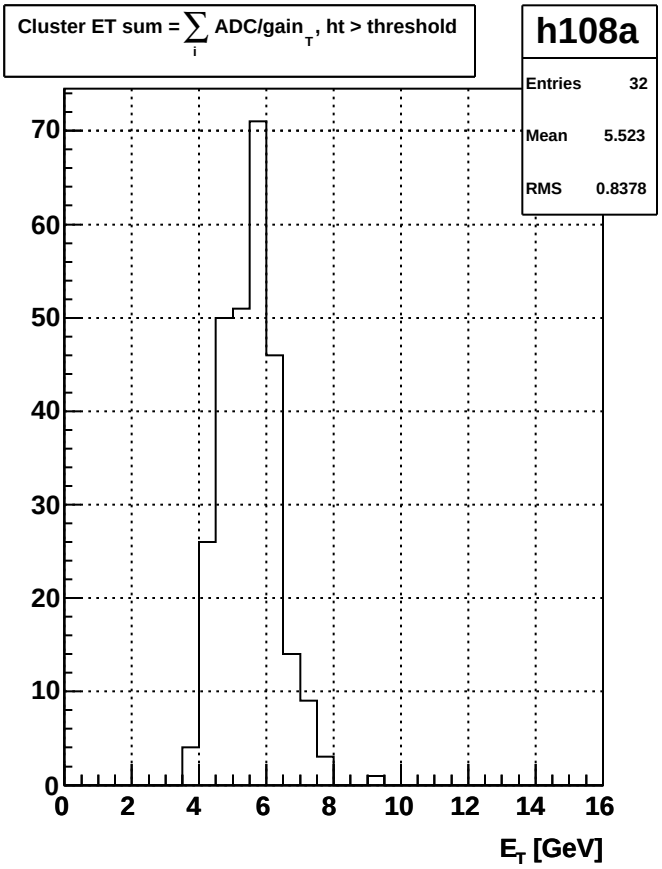

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

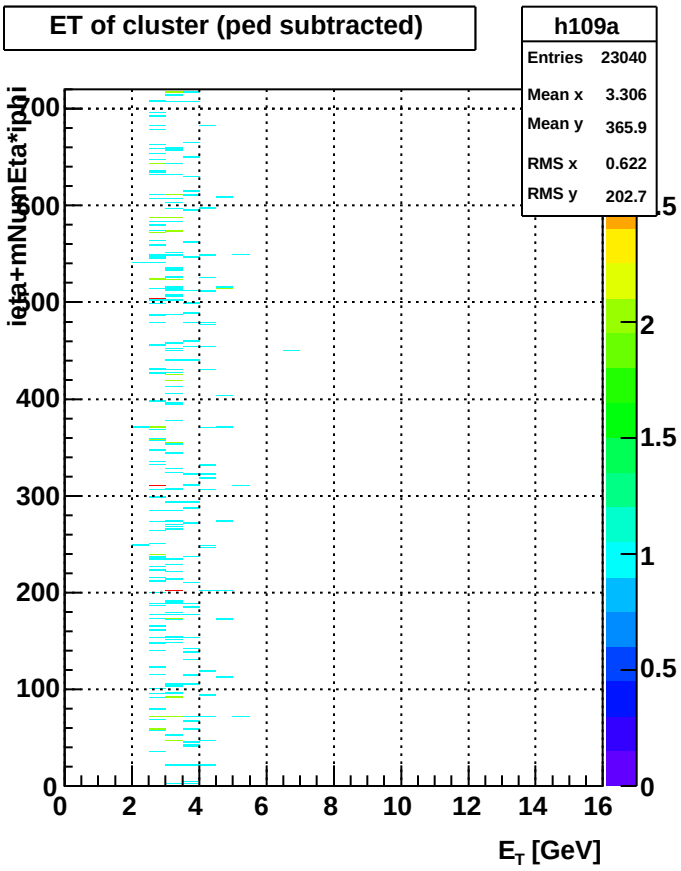

Raw ADC of ht, ht > threshold
h104
Entries 275
Mean 208.8
RMS 25.59
14
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 275
Mean 208.8
RMS 25.59
14
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 275
Mean x 38.08
Mean y 365.9
RMS x 5.089
RMS y 202.7
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 5.523
RMS 0.8378
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 3.306
Mean y 365.9
RMS x 0.622
RMS y 202.7
ieta+mNumEta*iphi
E_T [GeV]