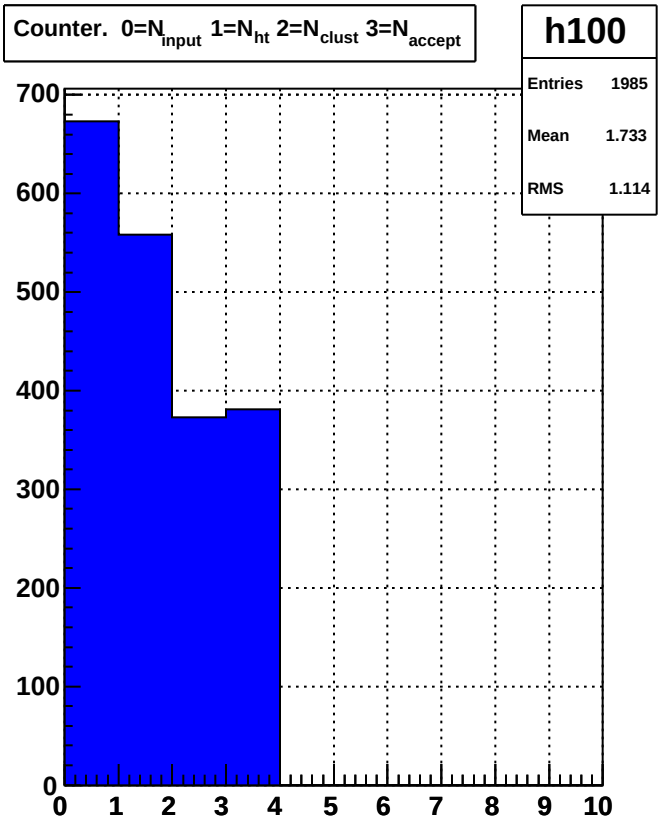
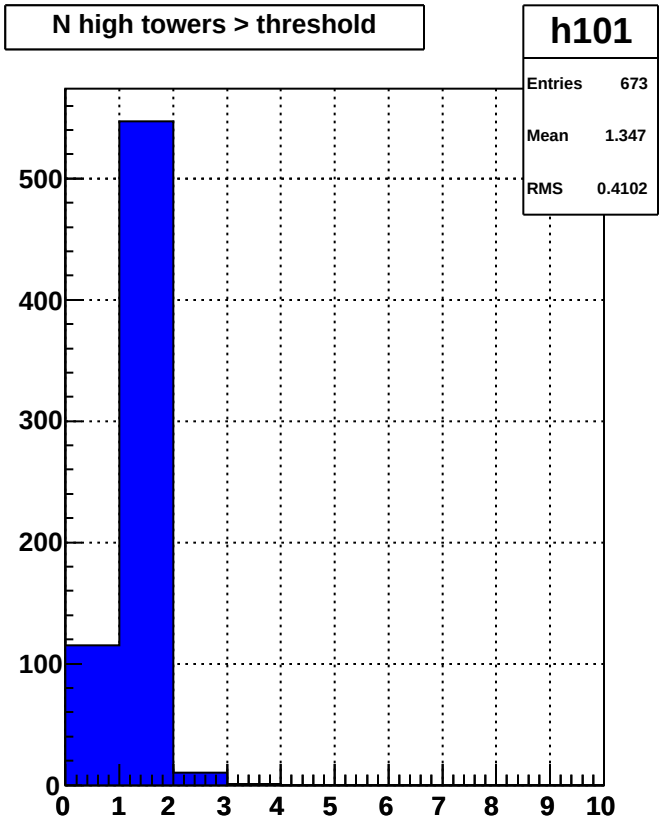
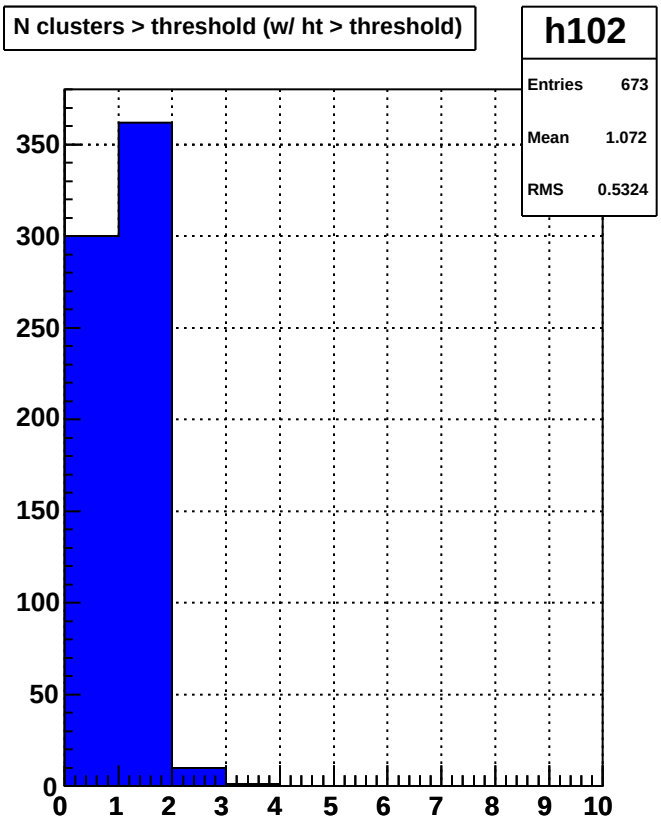
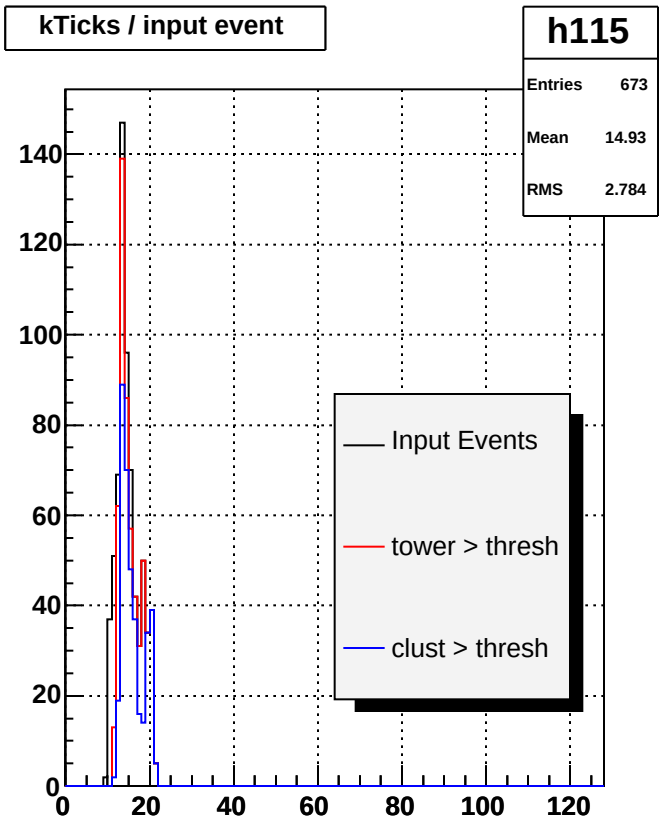
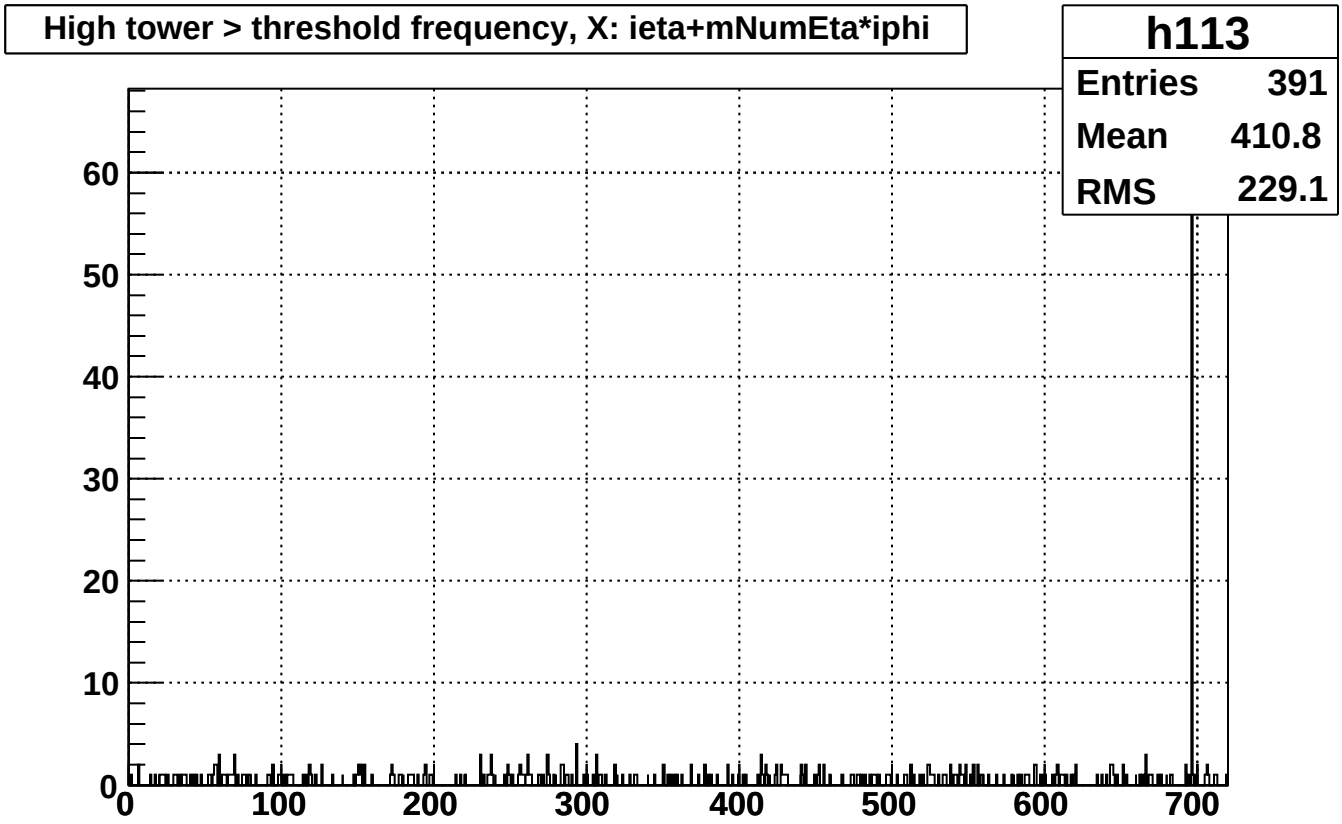
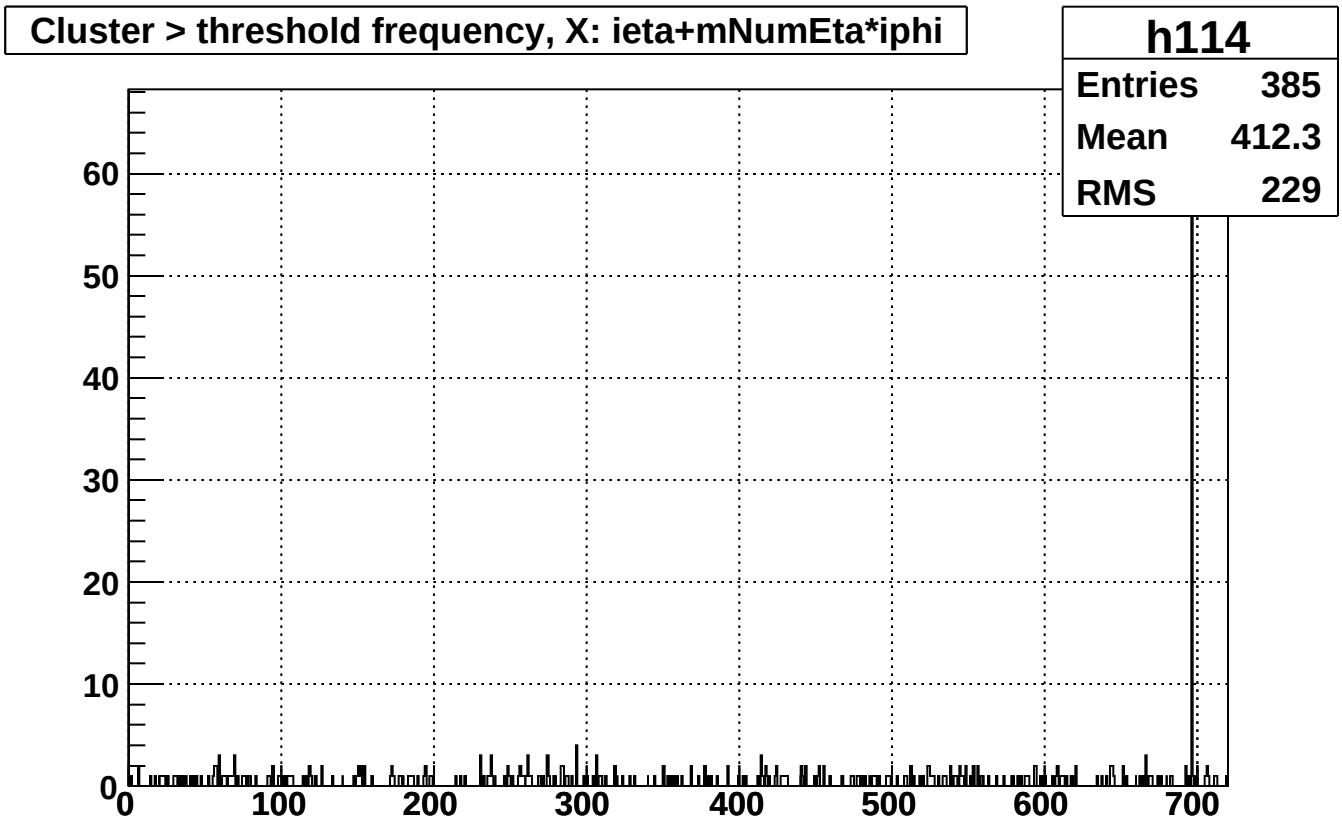

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 1985
Mean 1.733
RMS 1.114

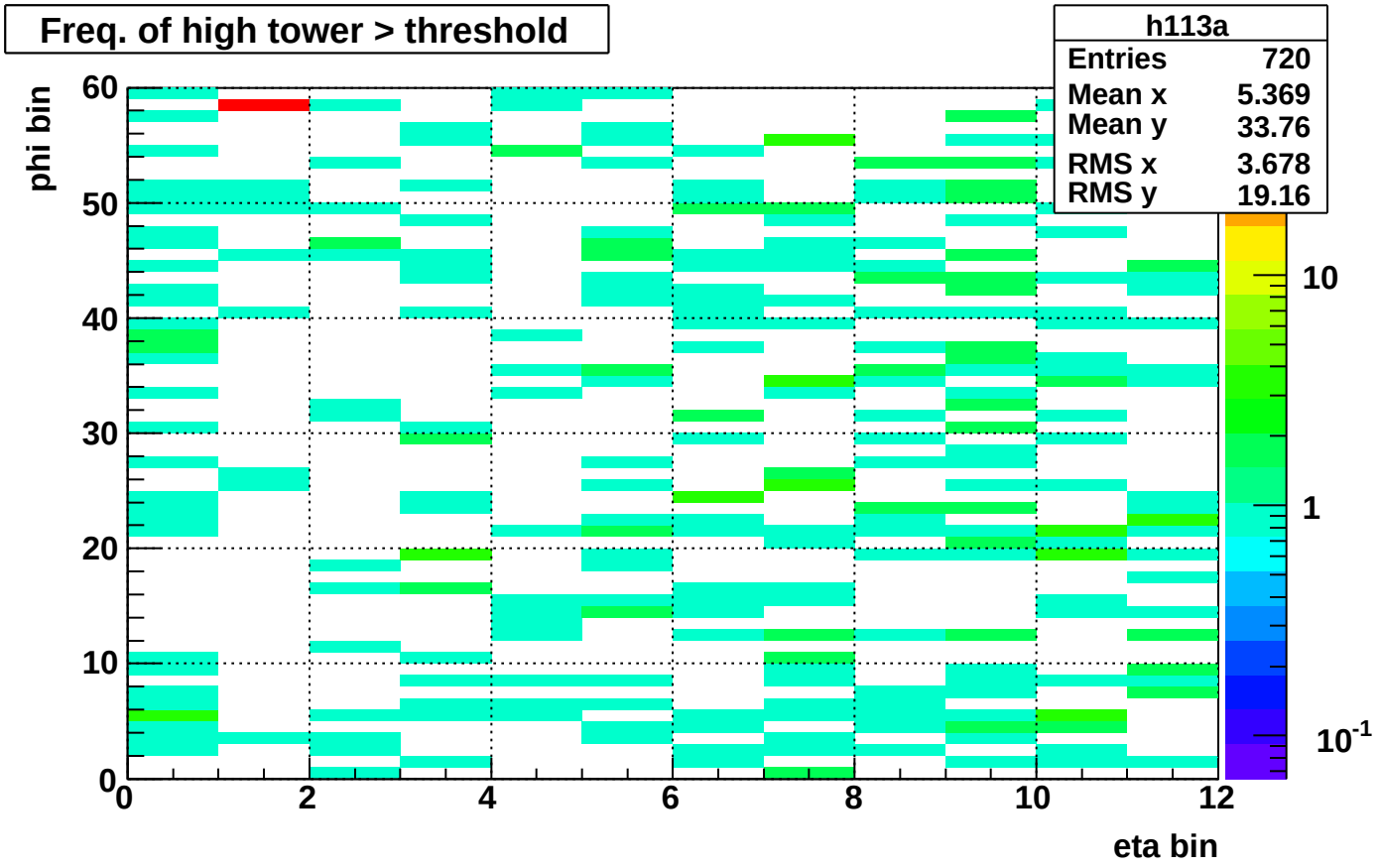

N high towers > threshold
h101
Entries 673
Mean 1.347
RMS 0.4102

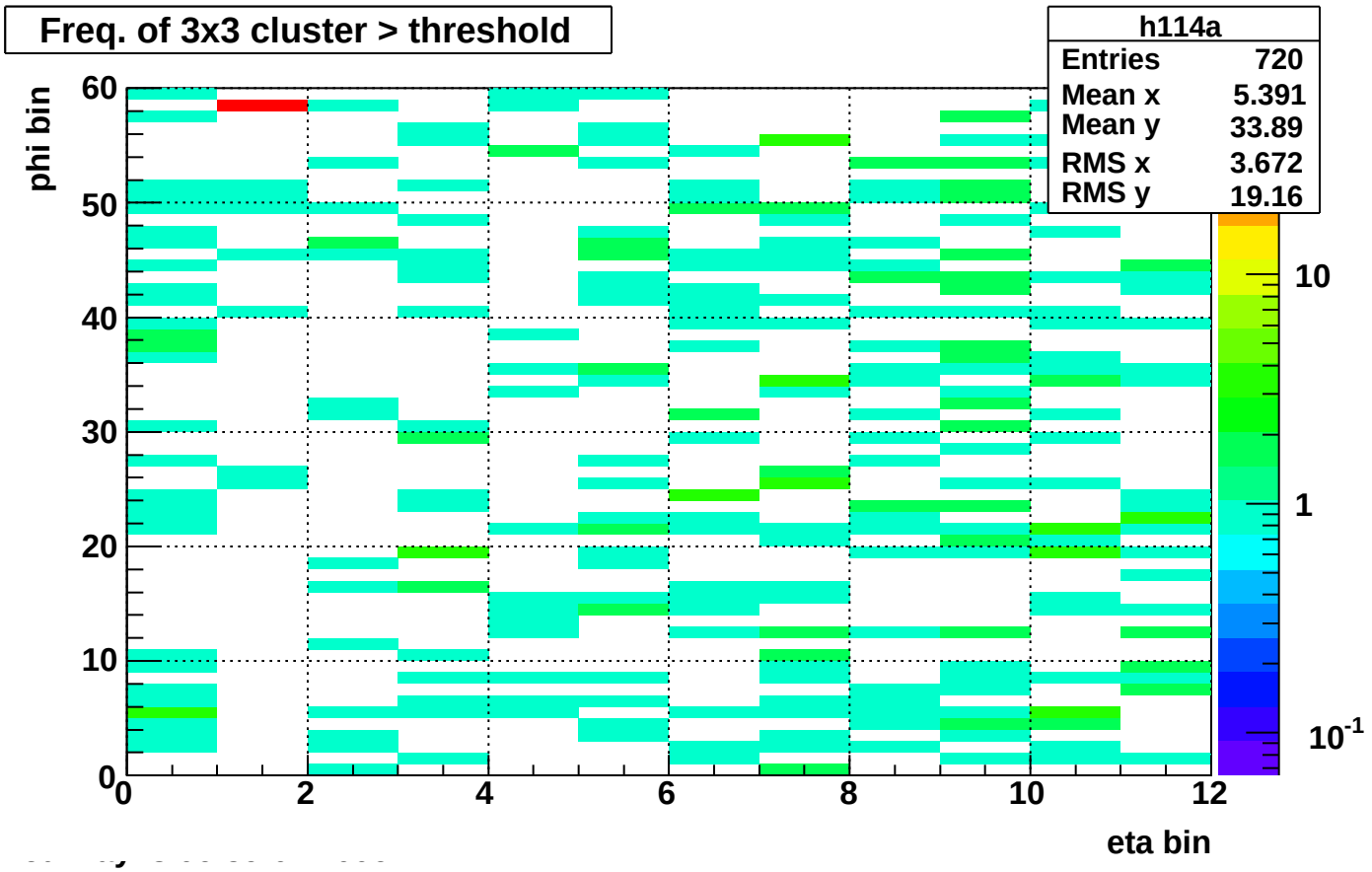

N clusters > threshold (w/ ht > threshold)
h102
Entries 673
Mean 1.072
RMS 0.5324

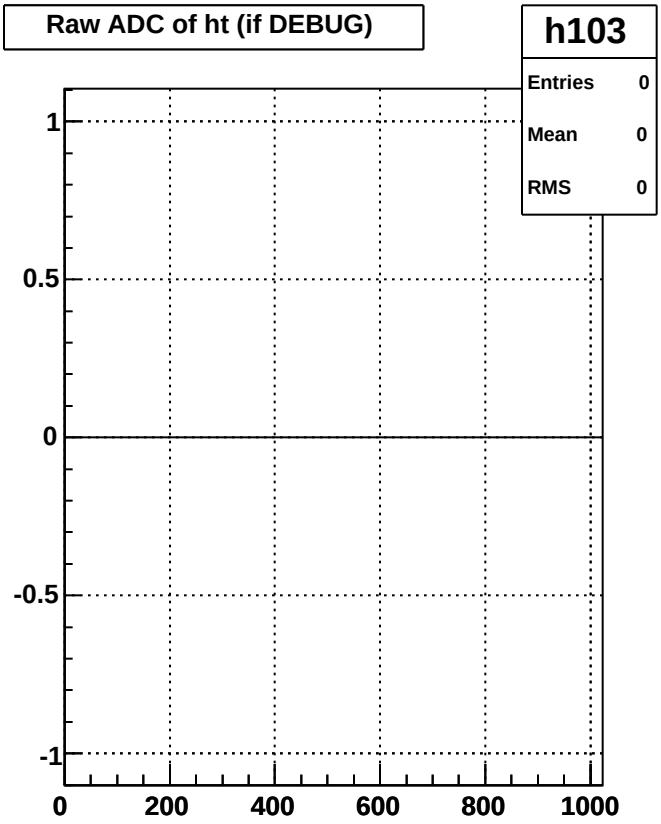

kTicks / input event
h115
Entries 673
Mean 14.93
RMS 2.784
Input Events
tower > thresh
clust > thresh

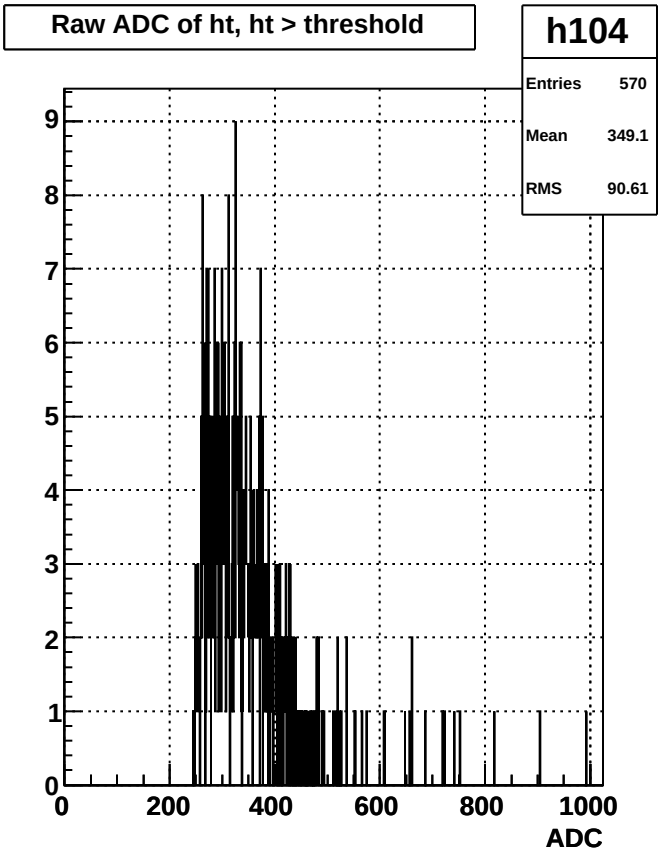

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 391
Mean 410.8
RMS 229.1
0
10
20
30
40
50
60
0
100
200
300
400
500
600
700

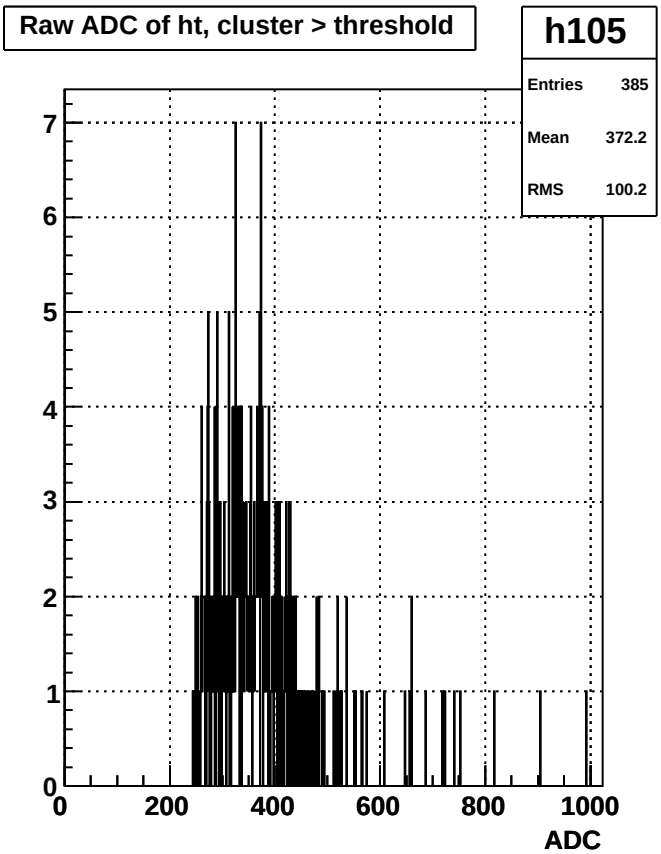

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 385
Mean 412.3
RMS 229
0
10
20
30
40
50
60
0
100
200
300
400
500
600
700

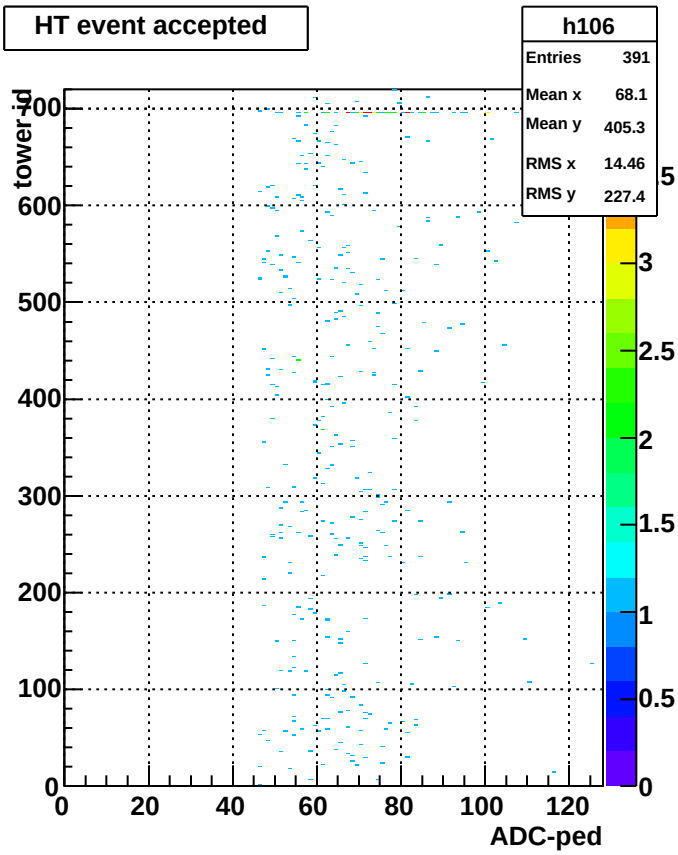

Freq. of high tower > threshold
h113a
Entries 720
Mean x 5.369
Mean y 33.76
RMS x 3.678
RMS y 19.16
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
10
1
10^{-1}

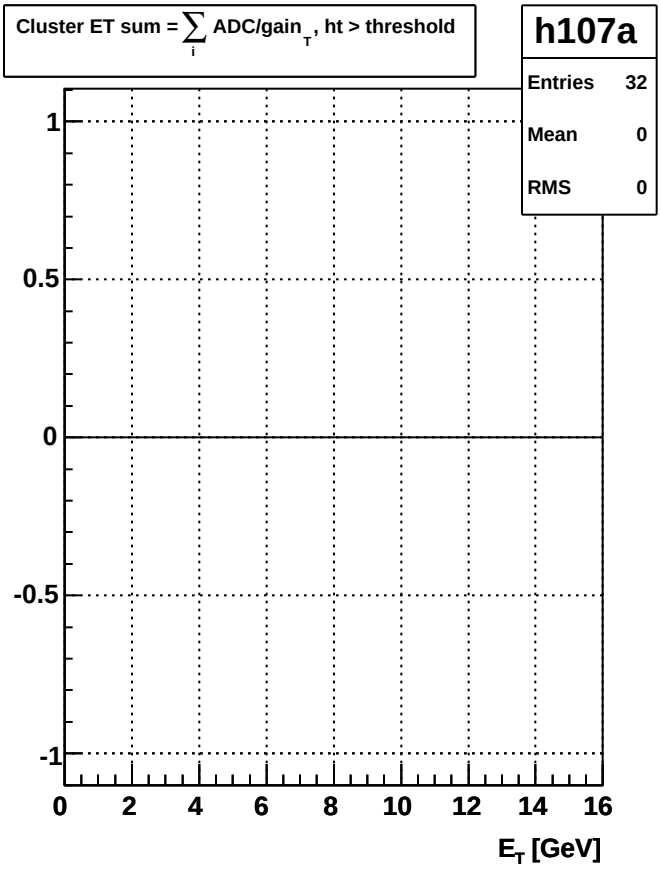

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 5.391
Mean y 33.89
RMS x 3.672
RMS y 19.16
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
10
1
10^{-1}

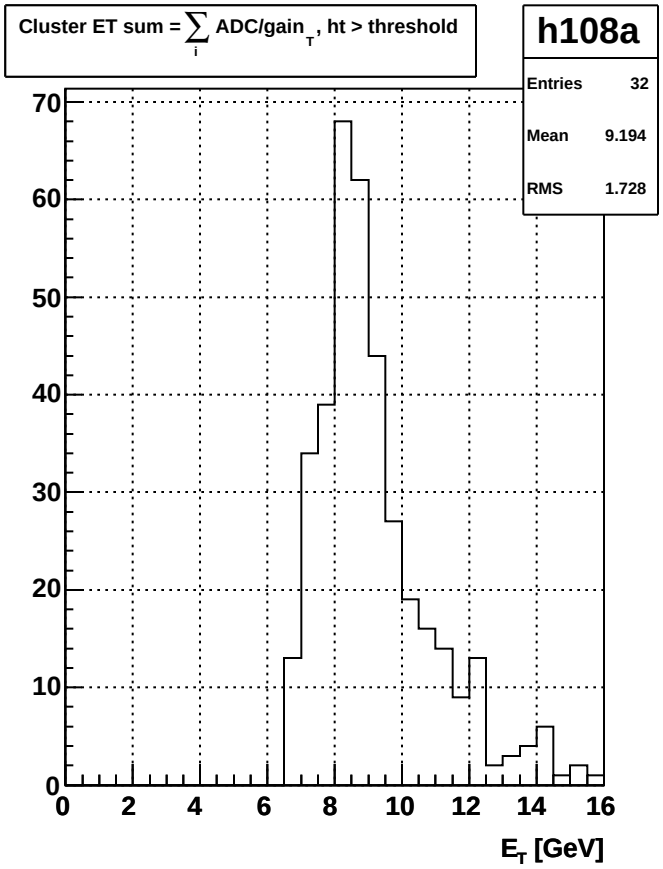

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

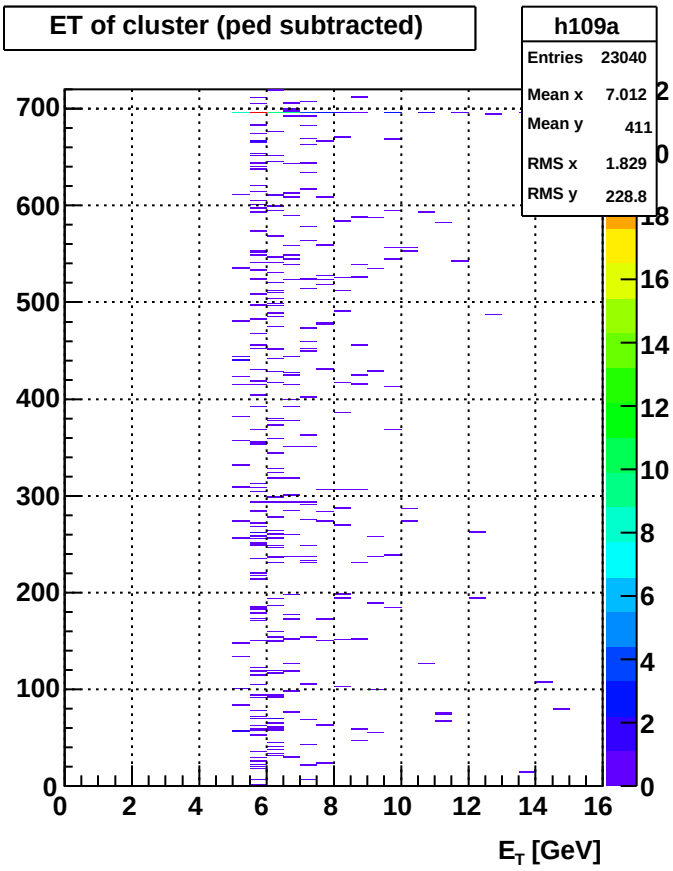

Raw ADC of ht, ht > threshold
h104
Entries 570
Mean 349.1
RMS 90.61
9
8
7
6
5
4
3
2
1
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 385
Mean 372.2
RMS 100.2
7
6
5
4
3
2
1
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 391
Mean x 68.1
Mean y 405.3
RMS x 14.46
RMS y 227.4
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 9.194
RMS 1.728
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 7.012
Mean y 411
RMS x 1.829
RMS y 228.8
E_T [GeV]