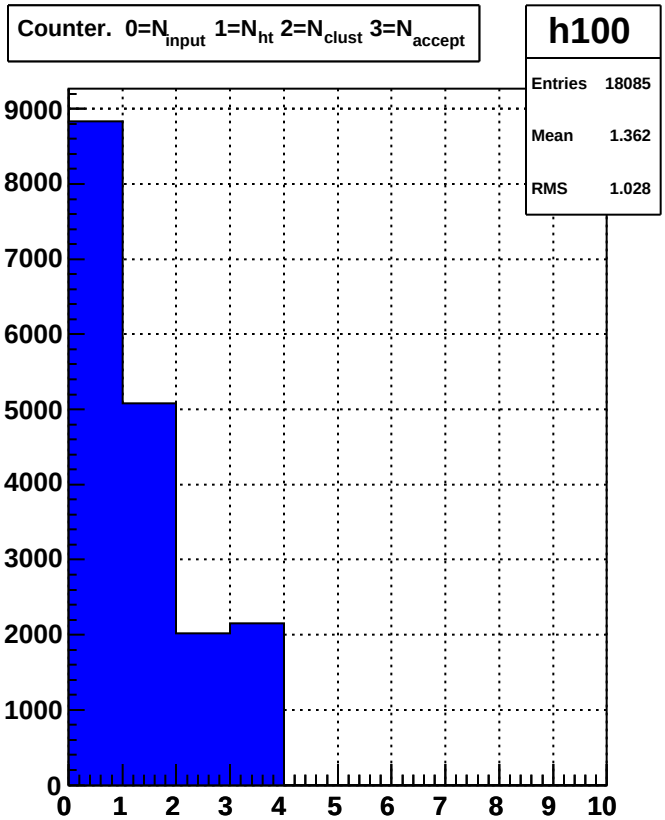
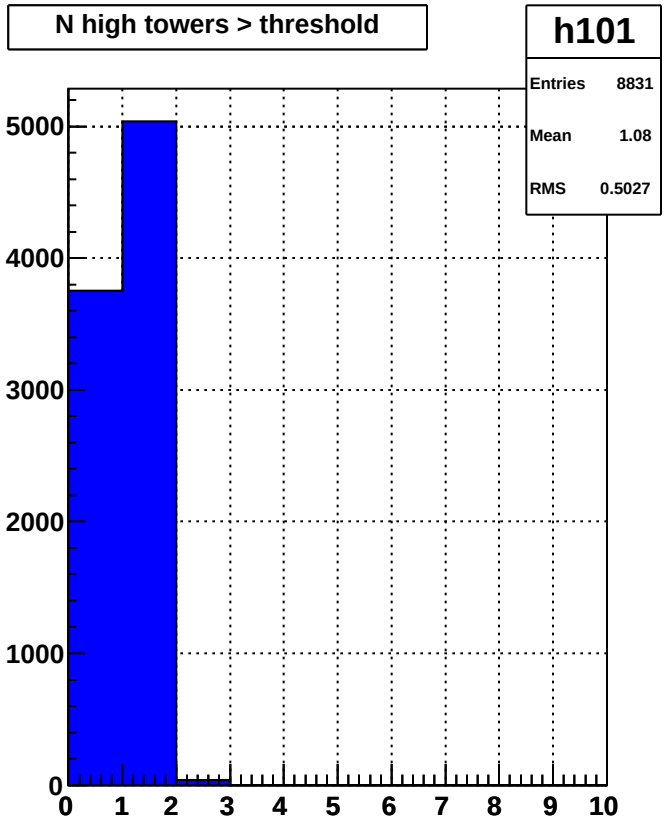
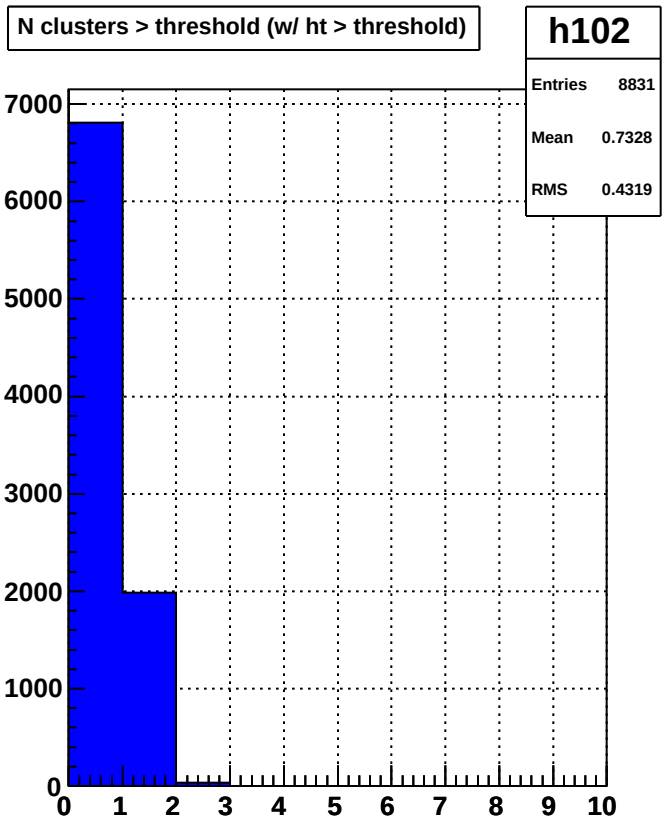
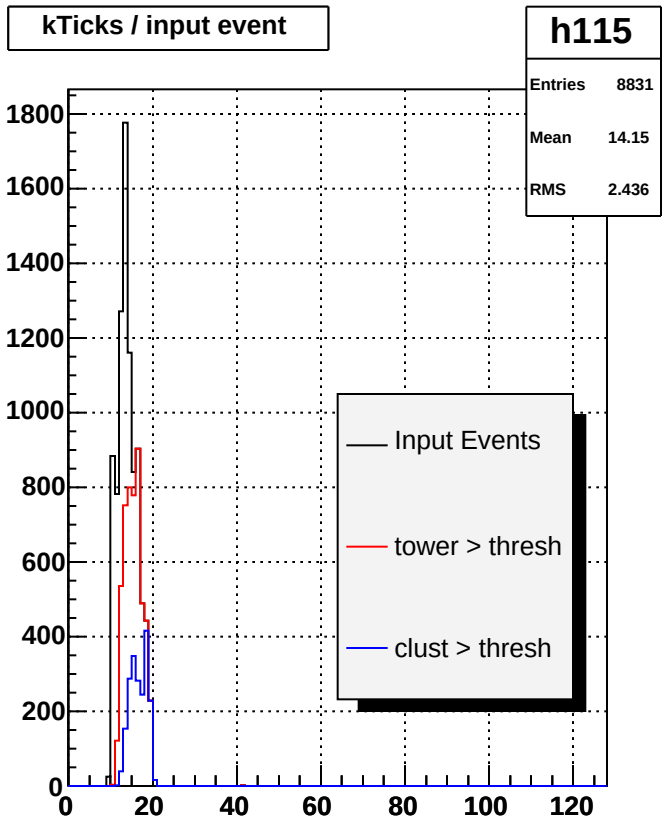
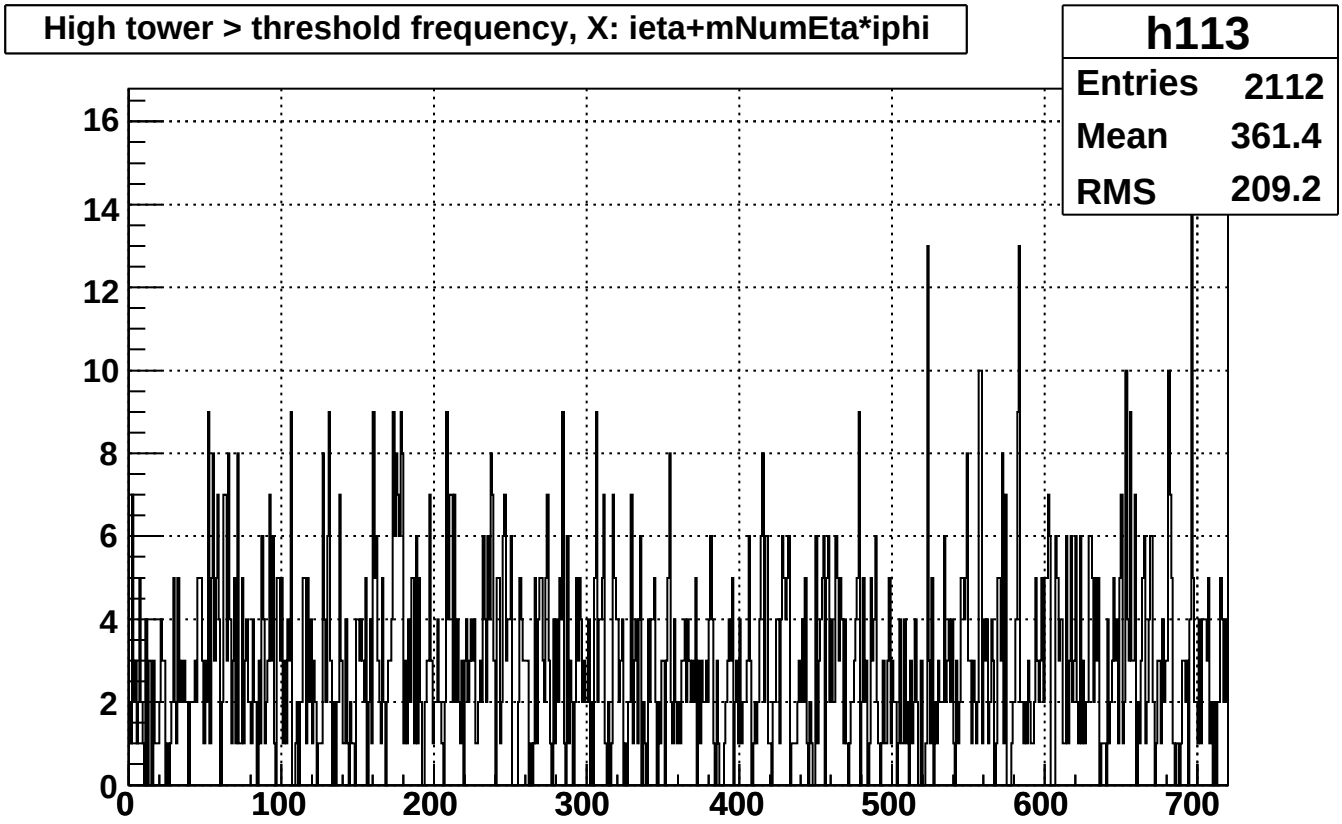
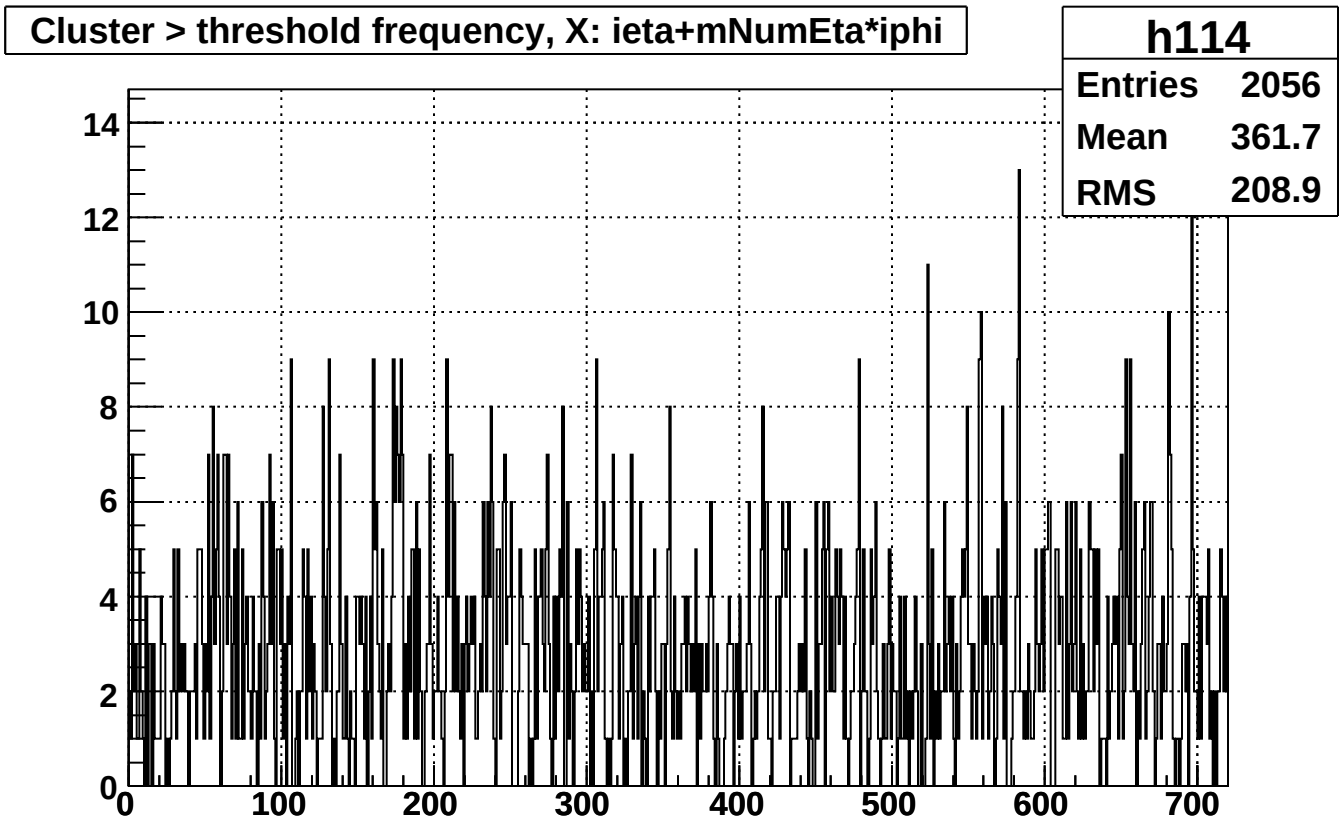

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 18085
Mean 1.362
RMS 1.028

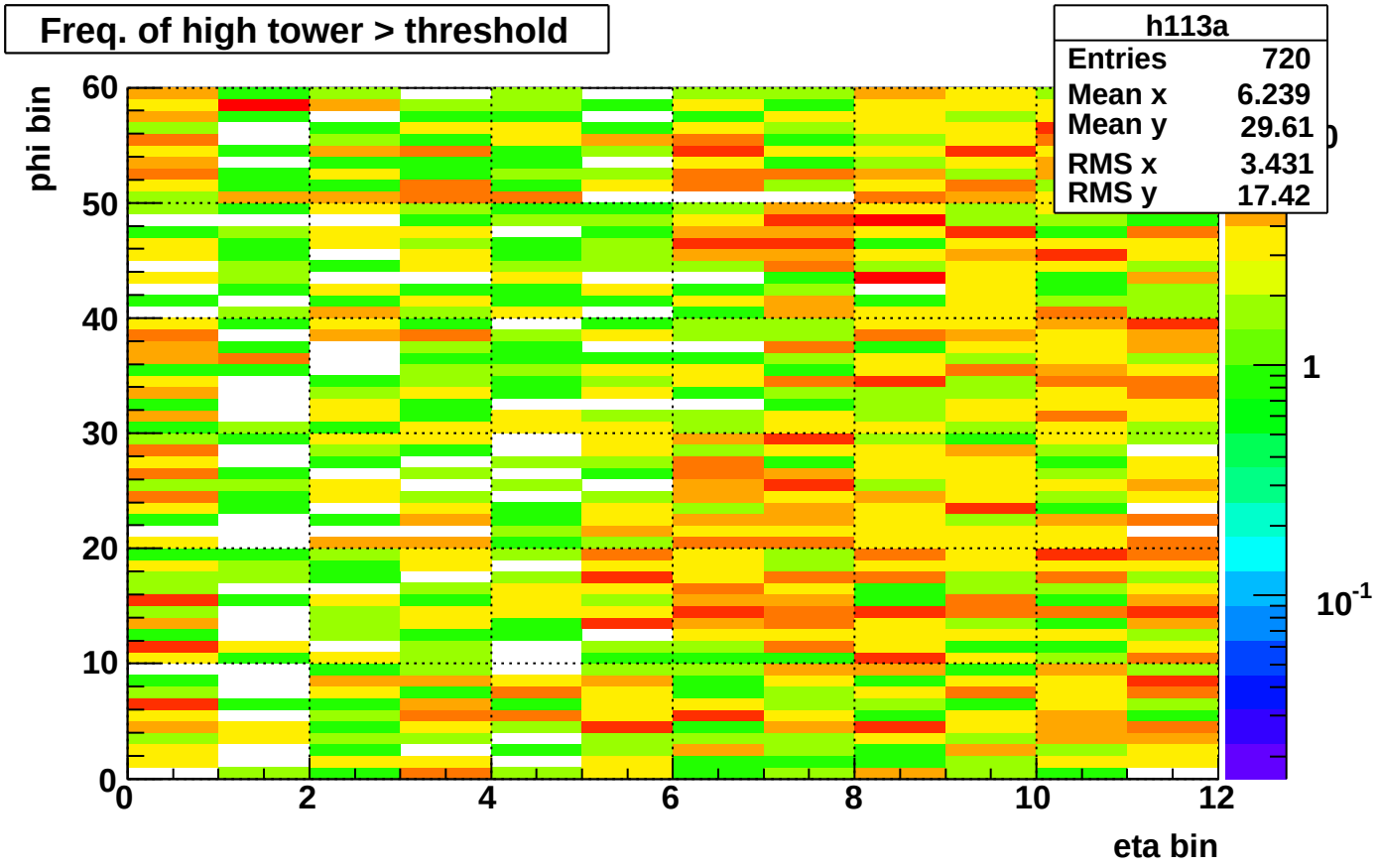

N high towers > threshold
h101
Entries 8831
Mean 1.08
RMS 0.5027

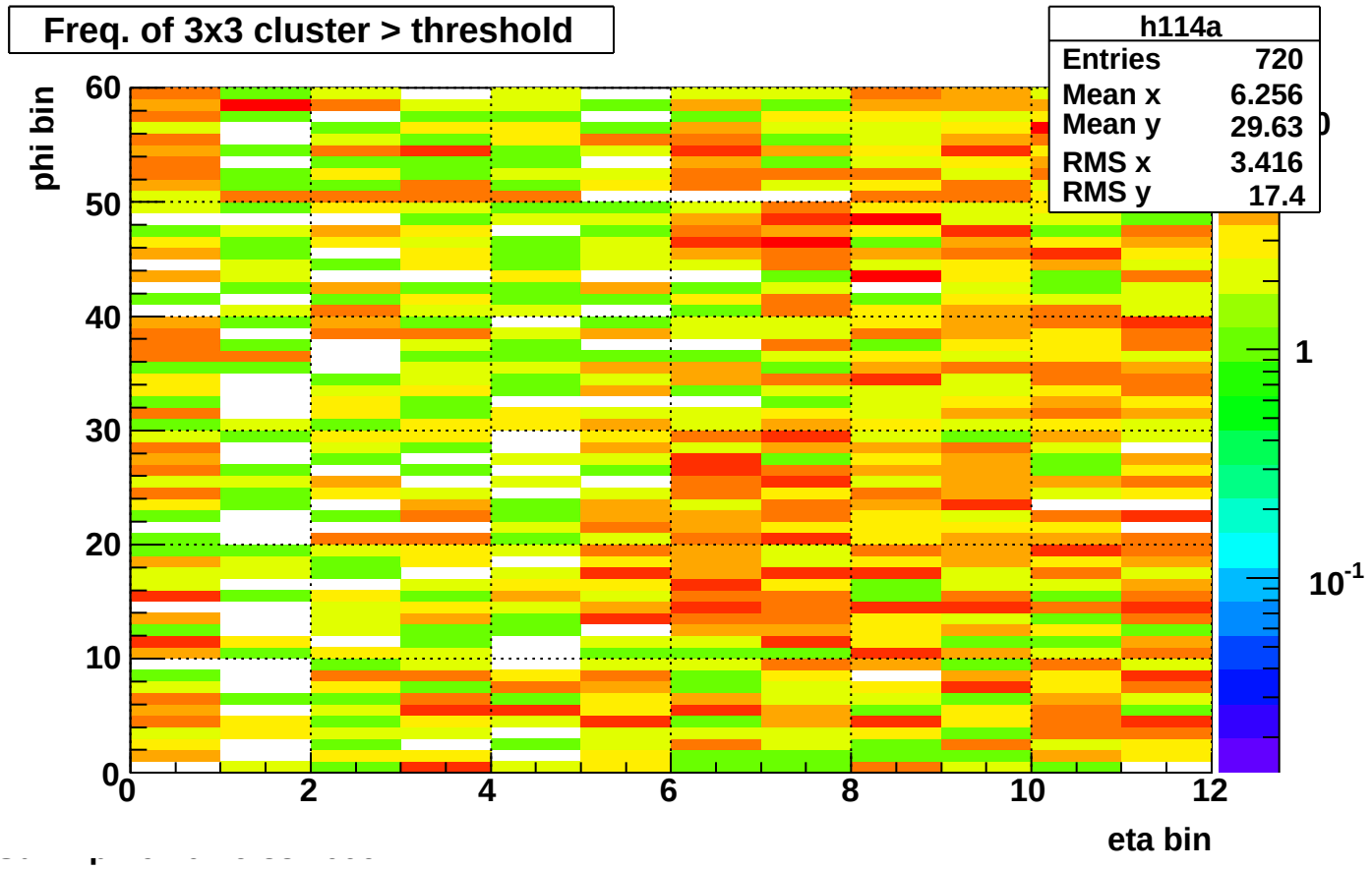

N clusters > threshold (w/ ht > threshold)
h102
Entries 8831
Mean 0.7328
RMS 0.4319

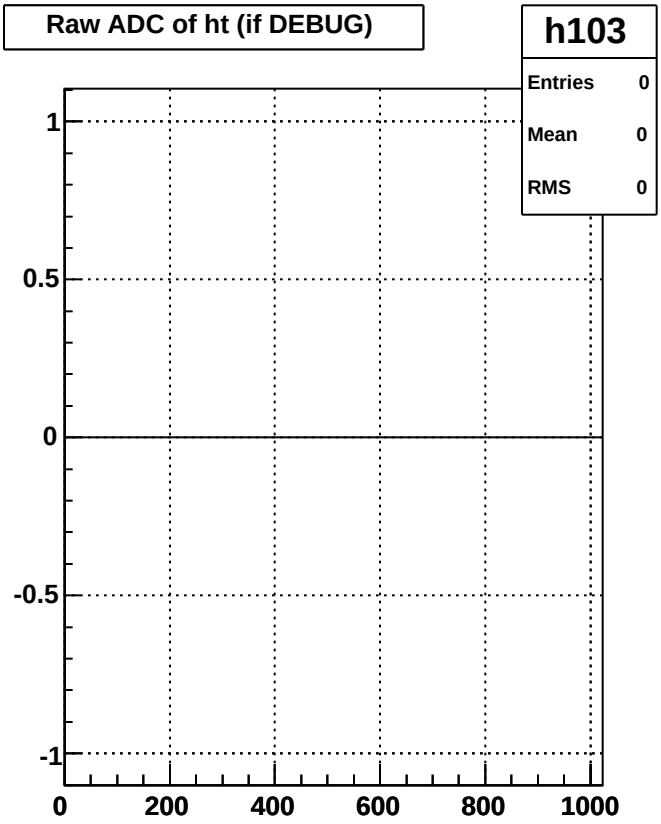

kTicks / input event
h115
Entries 8831
Mean 14.15
RMS 2.436
Input Events
tower > thresh
clust > thresh

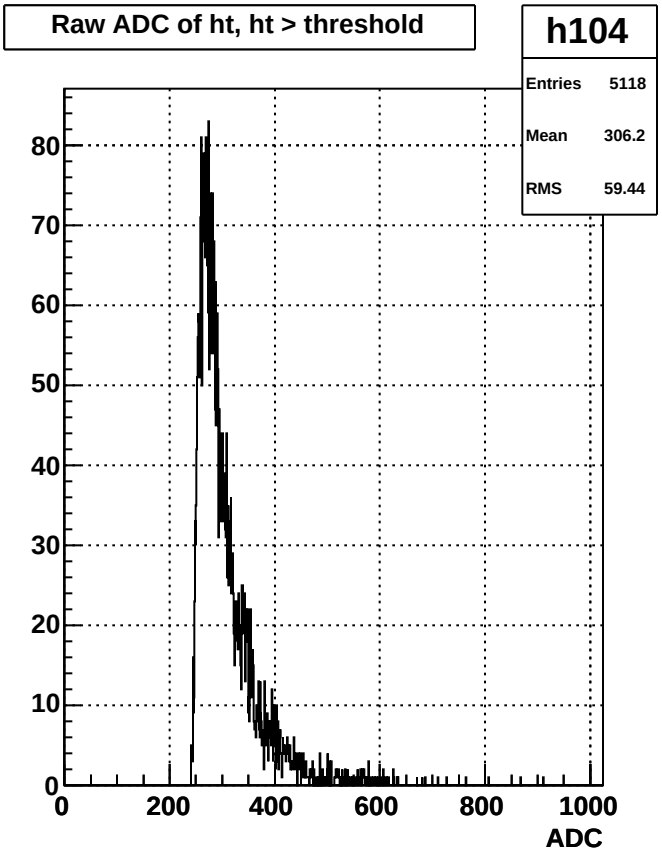

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 2112
Mean 361.4
RMS 209.2
0
2
4
6
8
10
12
14
16
0
100
200
300
400
500
600
700

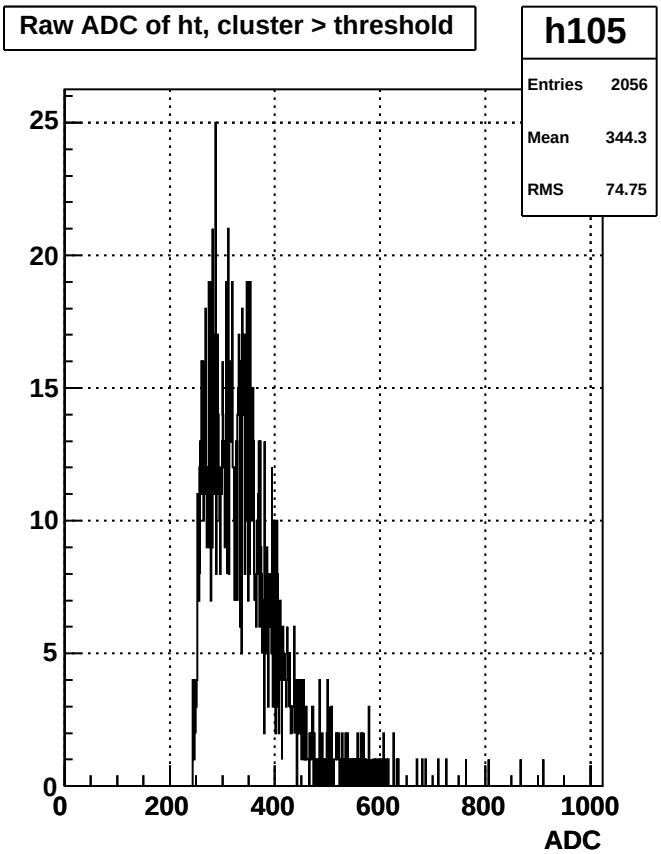

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 2056
Mean 361.7
RMS 208.9
0
2
4
6
8
10
12
14
0
100
200
300
400
500
600
700

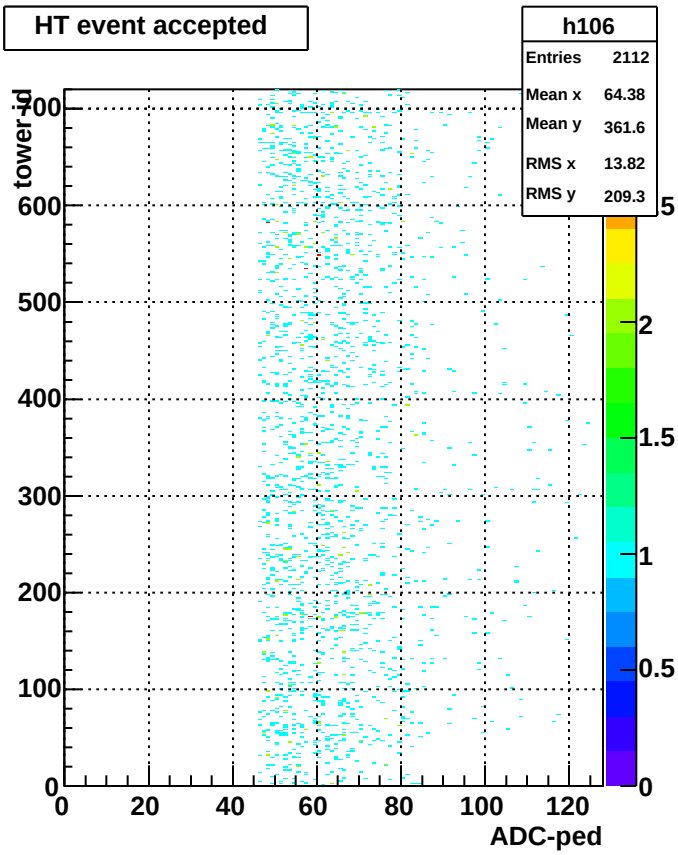

Freq. of high tower > threshold
h113a
Entries 720
Mean x 6.239
Mean y 29.61
RMS x 3.431
RMS y 17.42
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}

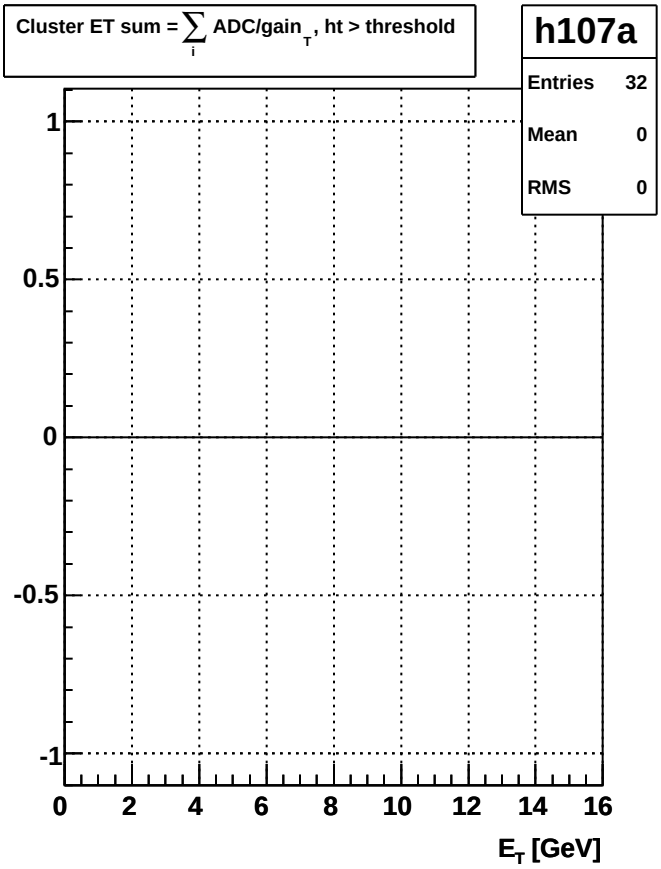

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 6.256
Mean y 29.63
RMS x 3.416
RMS y 17.4
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}

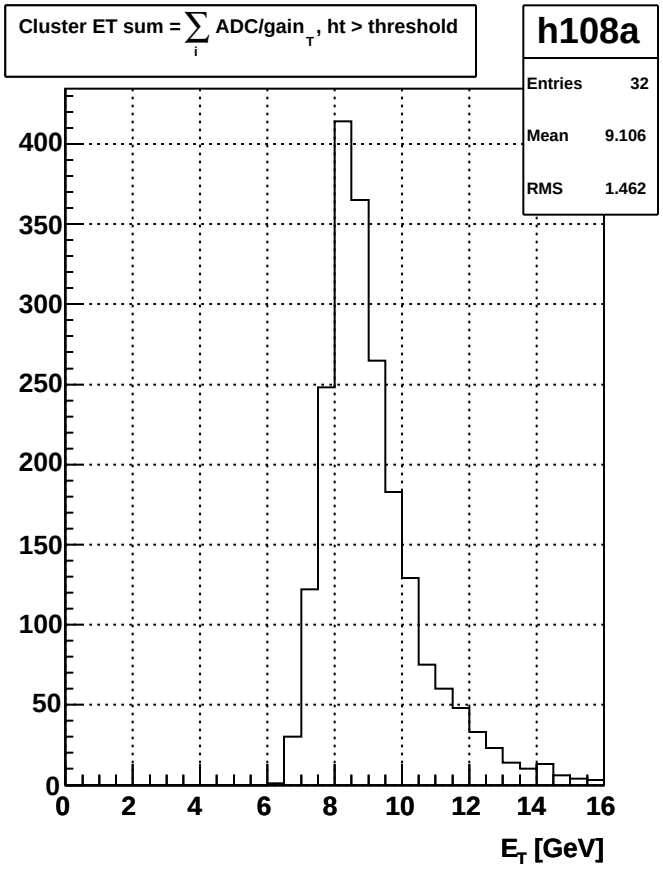

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

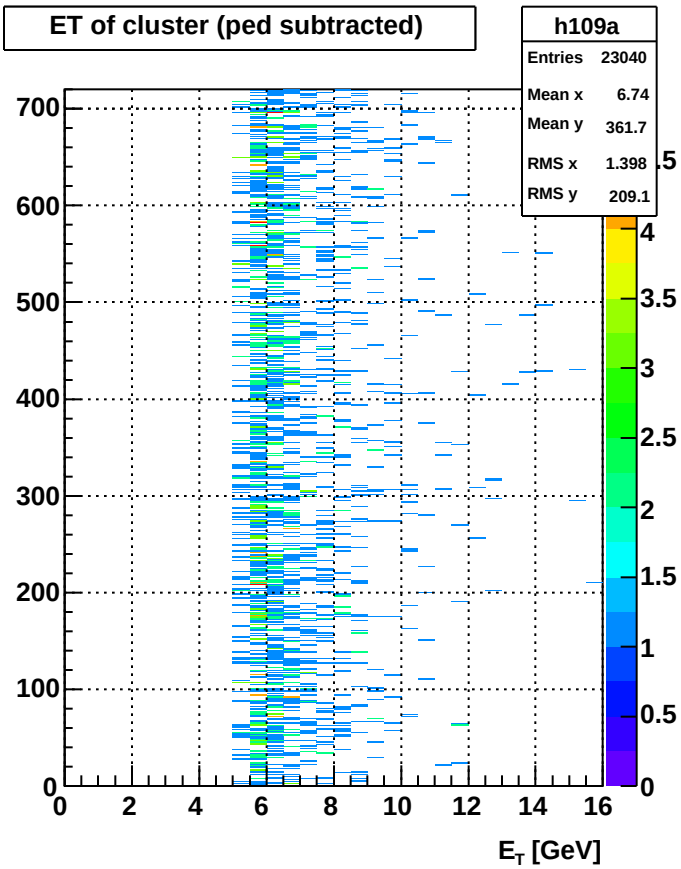

Raw ADC of ht, ht > threshold
h104
Entries 5118
Mean 306.2
RMS 59.44
80
70
60
50
40
30
20
10
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 2056
Mean 344.3
RMS 74.75
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 2112
Mean x 64.38
Mean y 361.6
RMS x 13.82
RMS y 209.3
tower id
700
600
500
400
300
200
100
0
0
20
40
60
80
100
120
ADC-ped
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 9.106
RMS 1.462
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.74
Mean y 361.7
RMS x 1.398
RMS y 209.1
E_T [GeV]