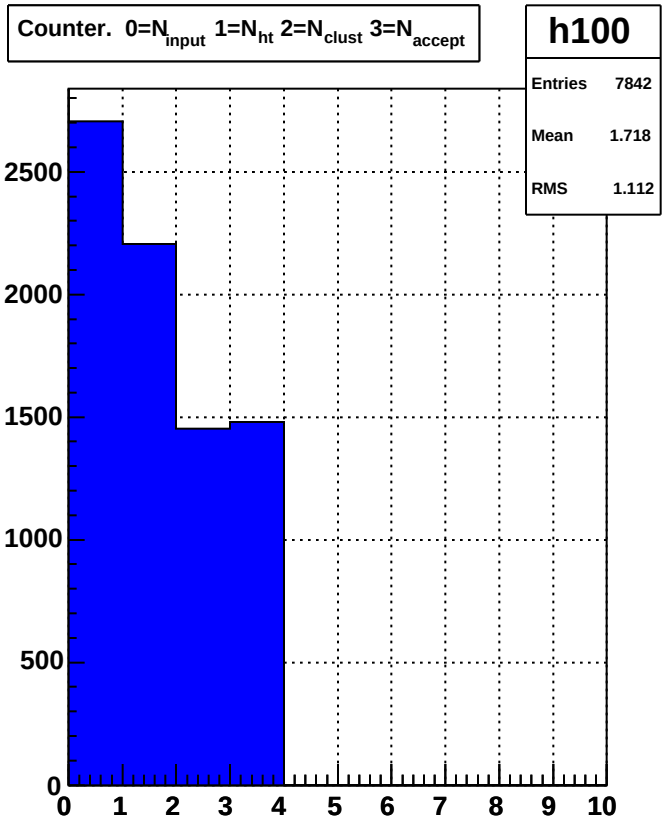
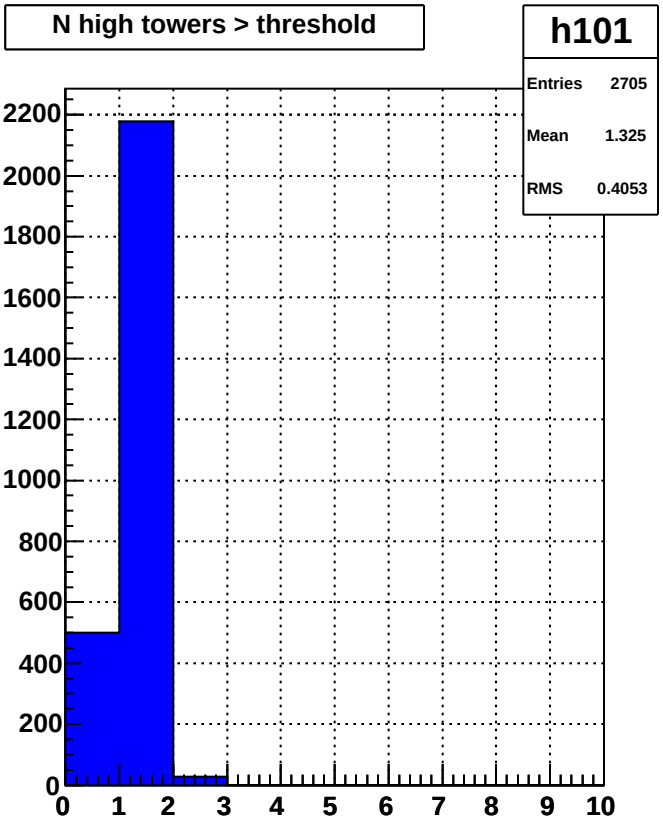
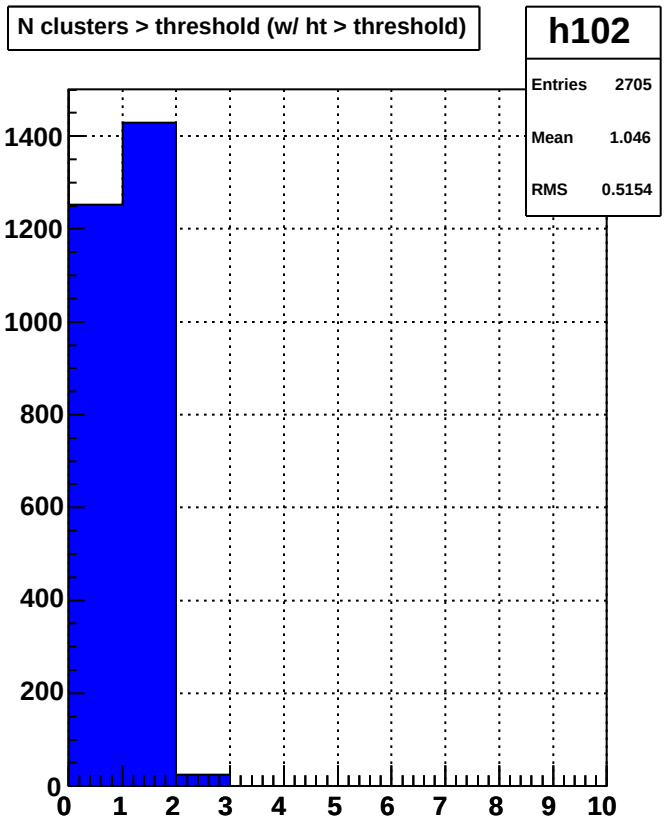
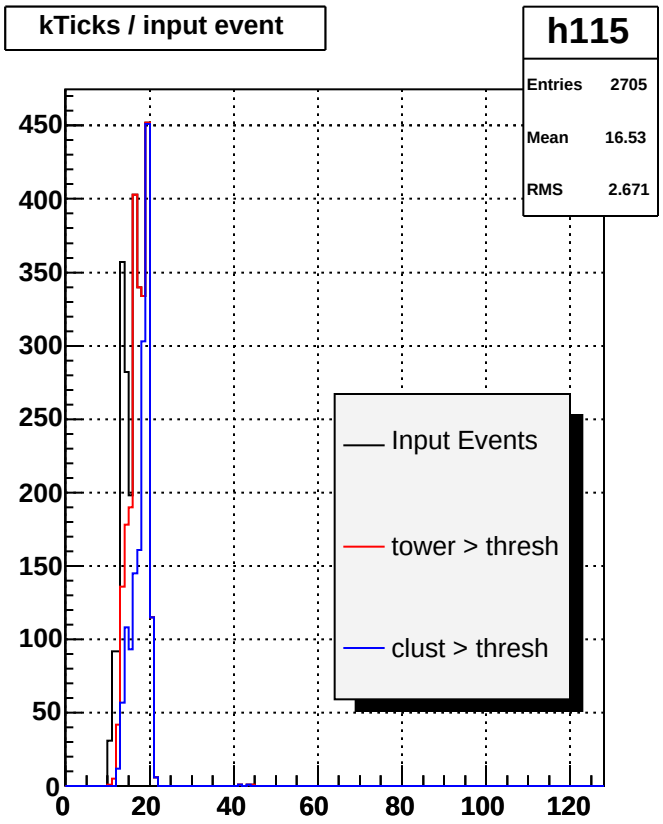
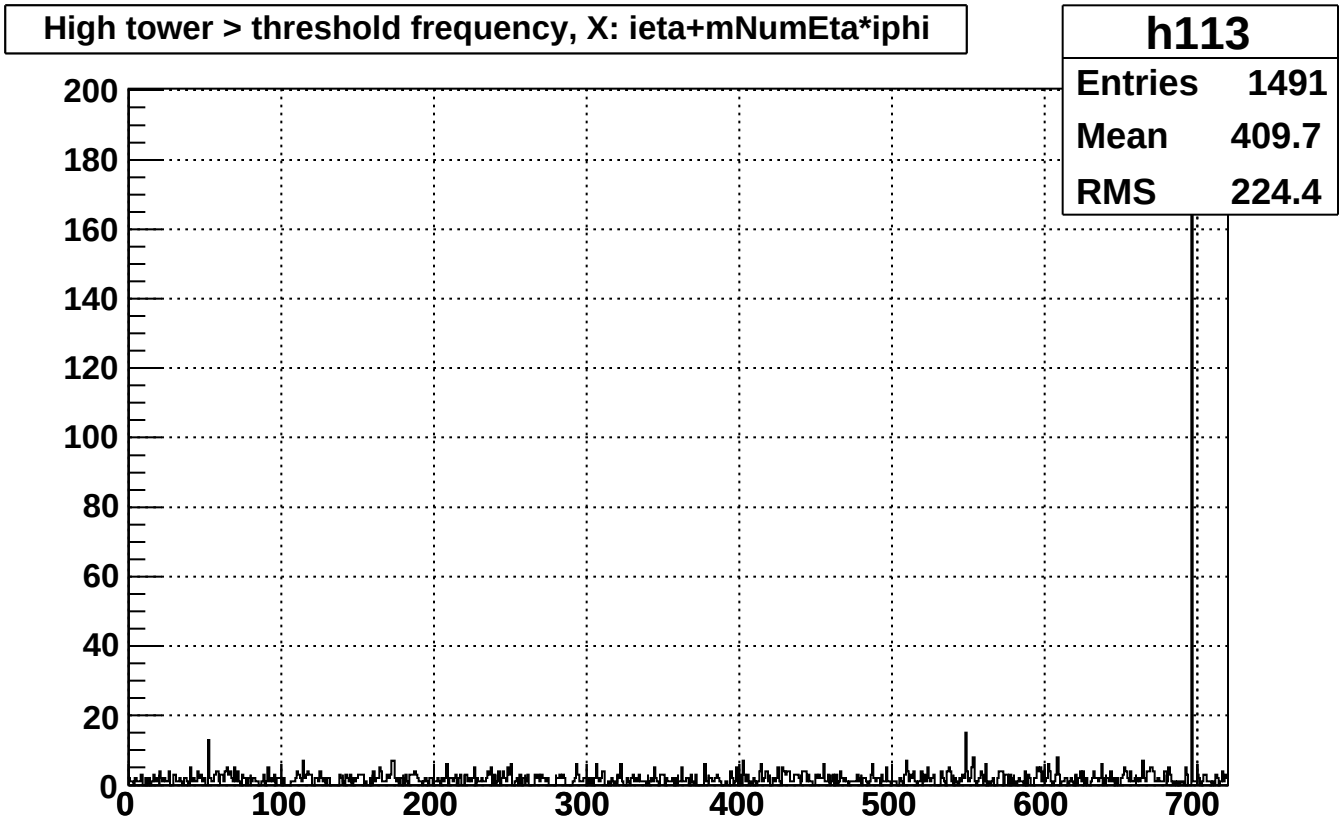
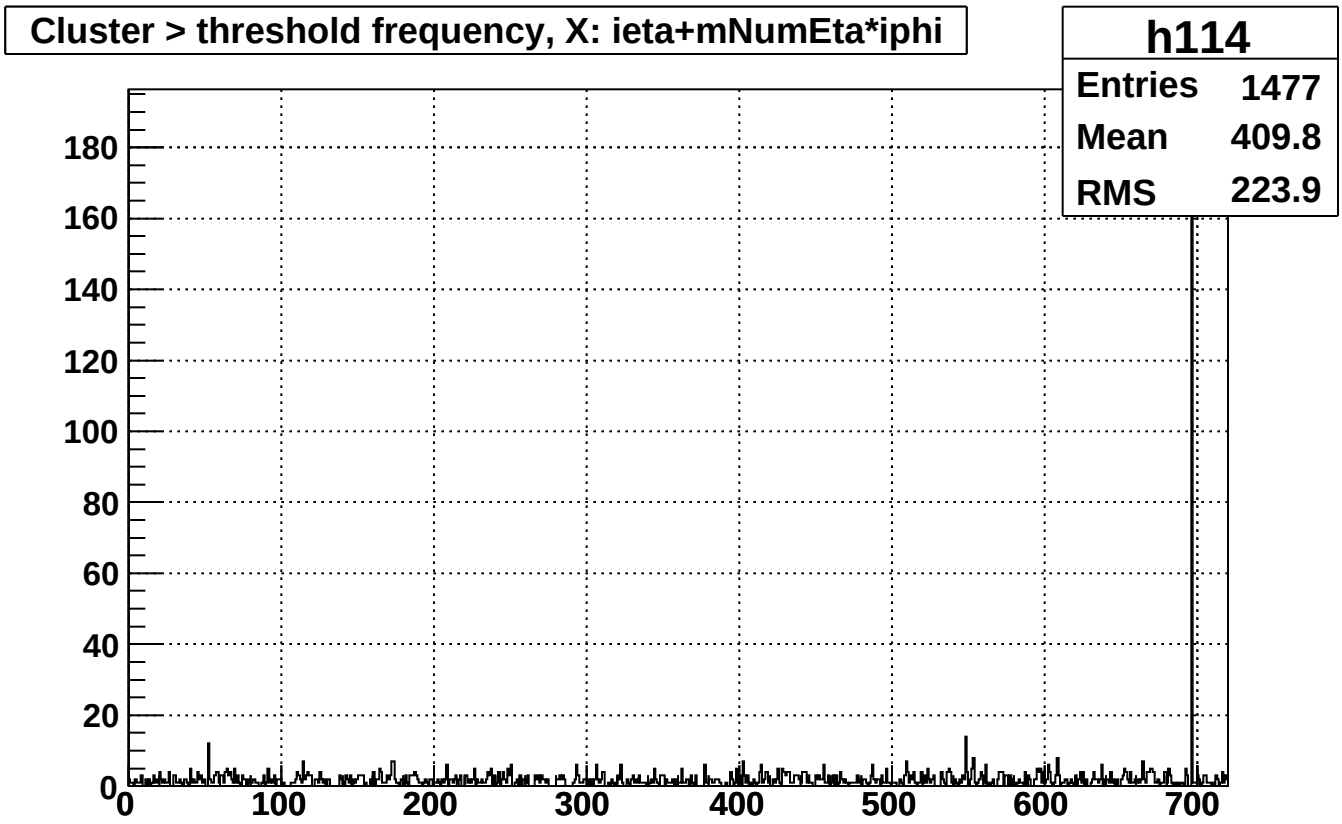

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 7842
Mean 1.718
RMS 1.112

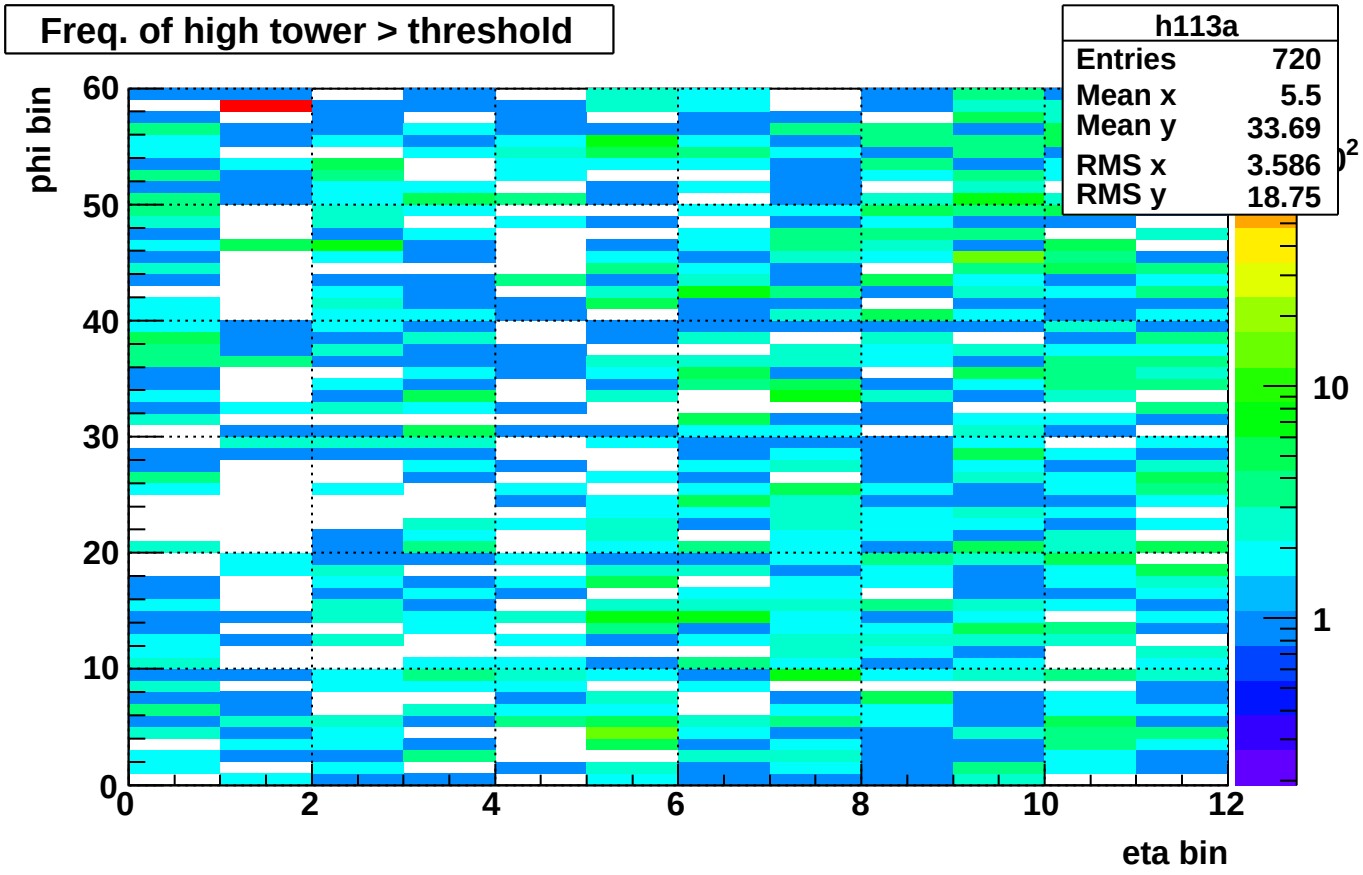

N high towers > threshold
h101
Entries 2705
Mean 1.325
RMS 0.4053

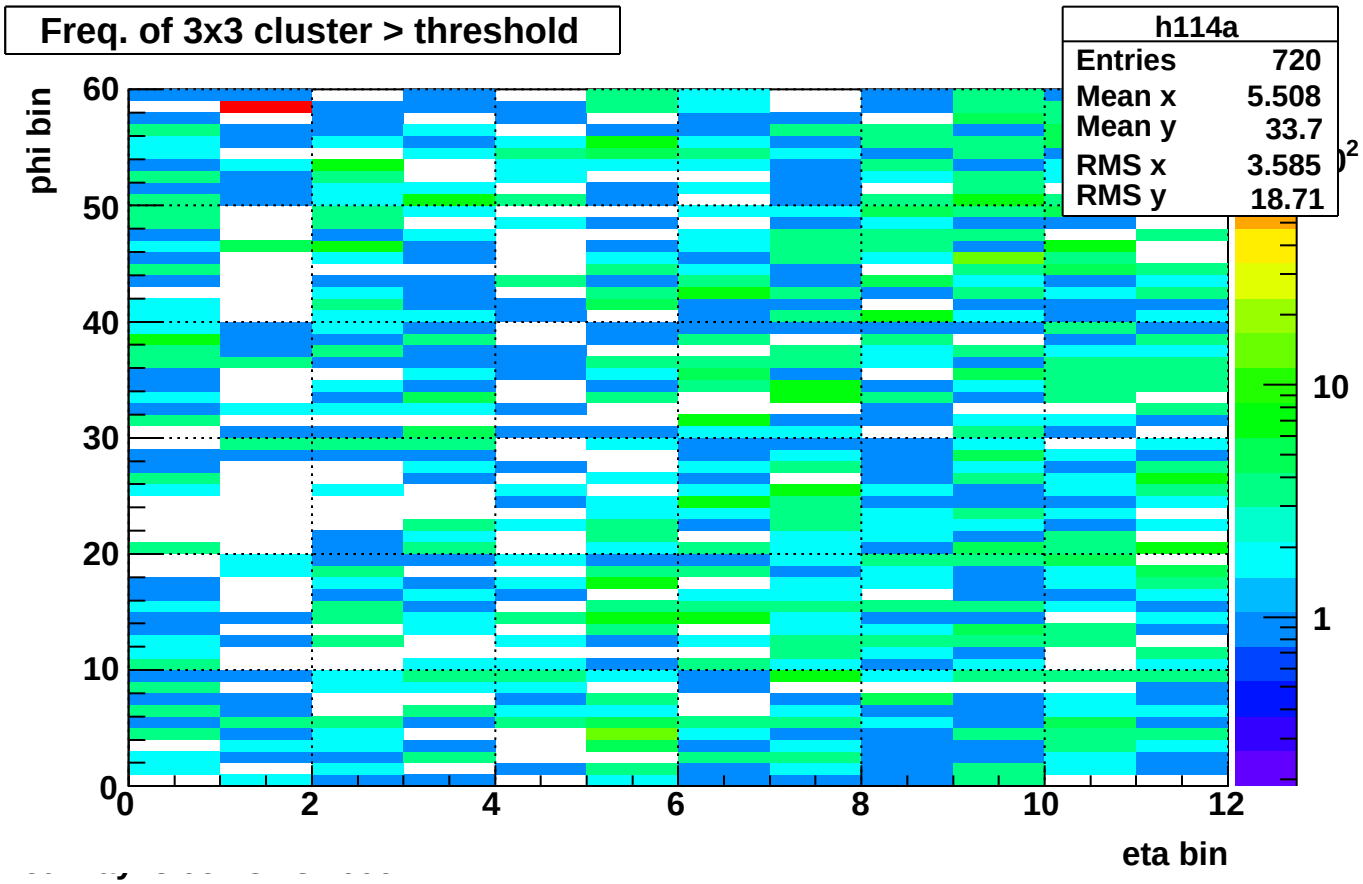

N clusters > threshold (w/ ht > threshold)
h102
Entries 2705
Mean 1.046
RMS 0.5154

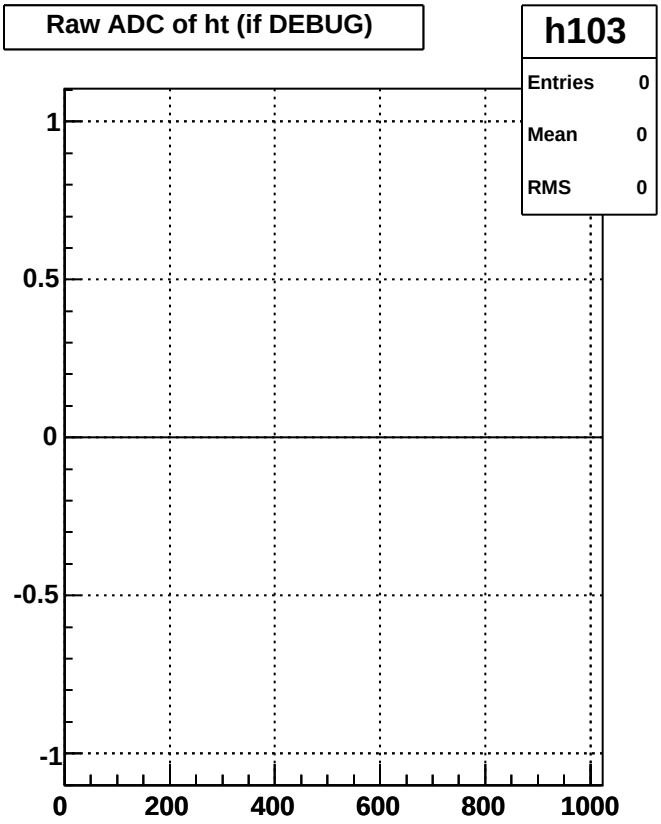

kTicks / input event
h115
Entries 2705
Mean 16.53
RMS 2.671
Input Events
tower > thresh
clust > thresh

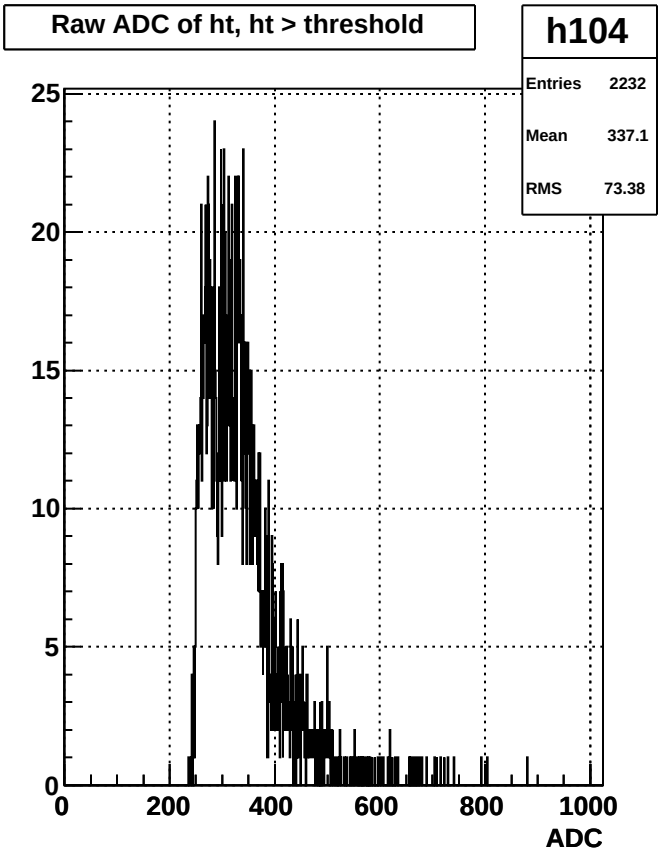

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 1491
Mean 409.7
RMS 224.4
200
180
160
140
120
100
80
60
40
20
0
0
100
200
300
400
500
600
700

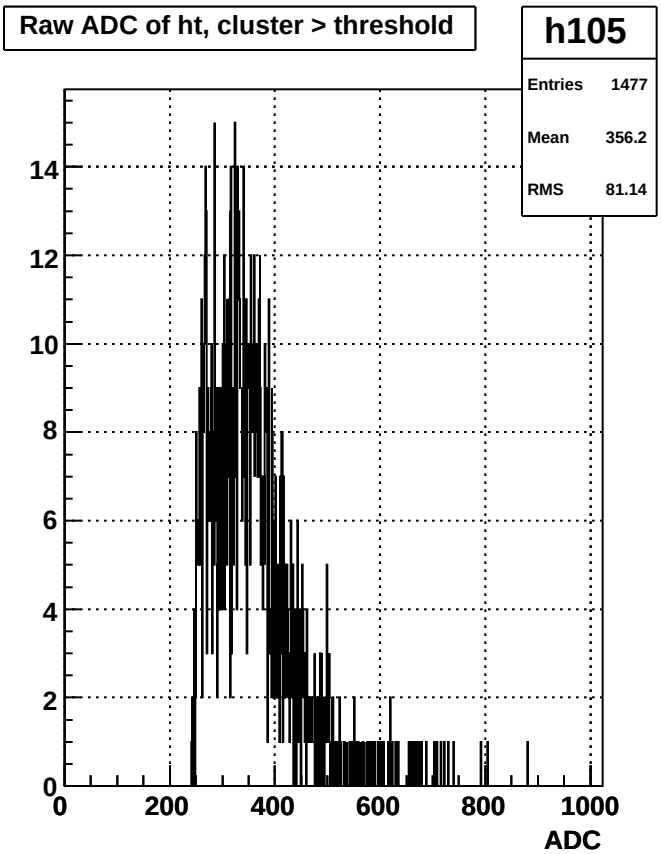

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 1477
Mean 409.8
RMS 223.9
180
160
140
120
100
80
60
40
20
0
0
100
200
300
400
500
600
700

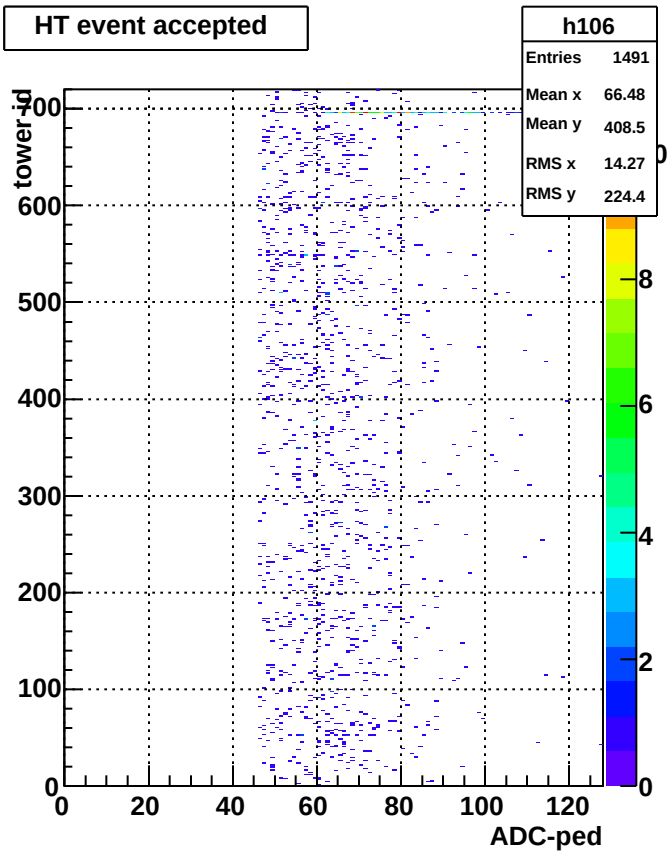

Freq. of high tower > threshold
h113a
Entries 720
Mean x 5.5
Mean y 33.69
RMS x 3.586
RMS y 18.75
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10

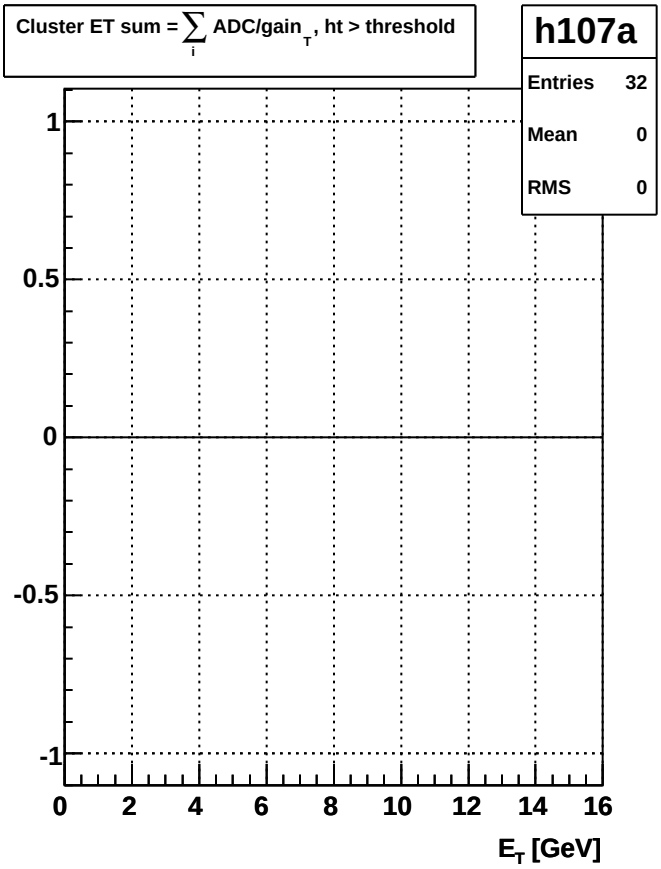

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 5.508
Mean y 33.7
RMS x 3.585
RMS y 18.71
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10

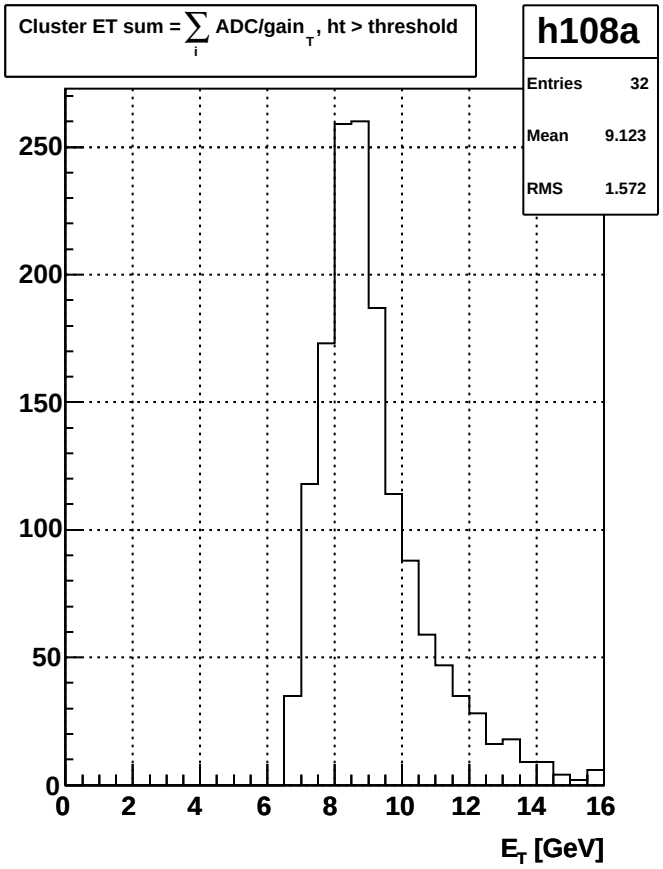

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

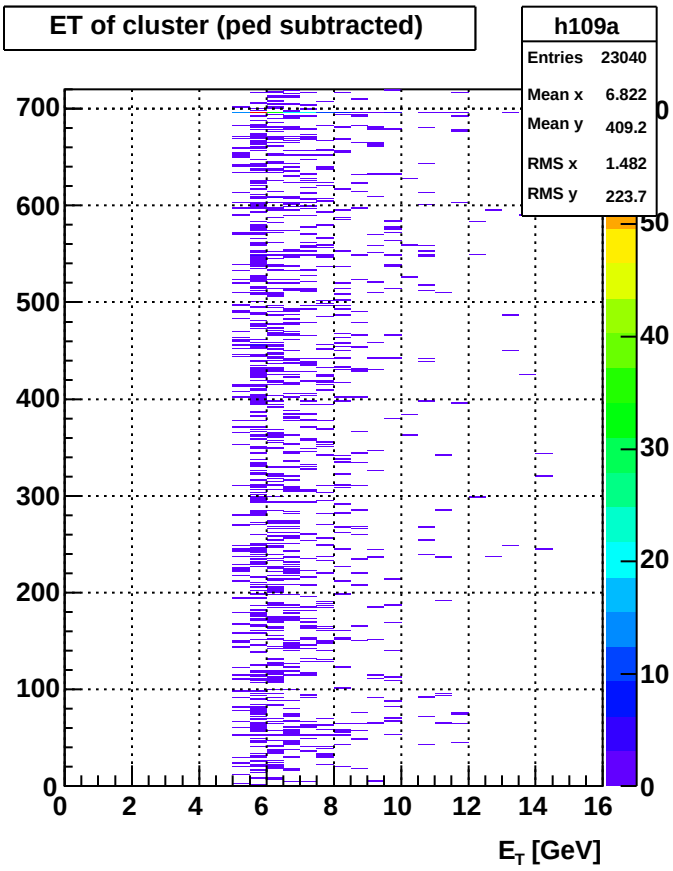

Raw ADC of ht, ht > threshold
h104
Entries 2232
Mean 337.1
RMS 73.38
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 1477
Mean 356.2
RMS 81.14
14
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 1491
Mean x 66.48
Mean y 408.5
RMS x 14.27
RMS y 224.4
tower id
700
600
500
400
300
200
100
0
0
20
40
60
80
100
120
ADC-ped
8
6
4
2
0


Cluster ET sum = $\sum_i$ ADC/gain$_T$, ht > threshold
h107a
Entries 32
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0 2 4 6 8 10 12 14 16
E_T [GeV]


Cluster ET sum = $\sum_i$ ADC/gain$_T$, ht > threshold
h108a
Entries 32
Mean 9.123
RMS 1.572
250
200
150
100
50
0
0 2 4 6 8 10 12 14 16
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.822
Mean y 409.2
RMS x 1.482
RMS y 223.7
700
600
500
400
300
200
100
0
0 2 4 6 8 10 12 14 16
E_T [GeV]
50
40
30
20
10
0