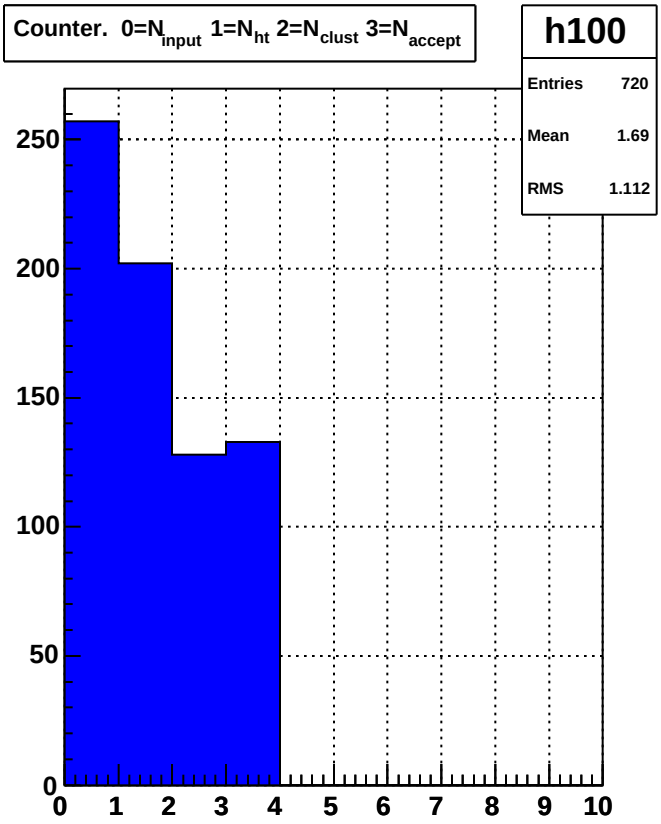
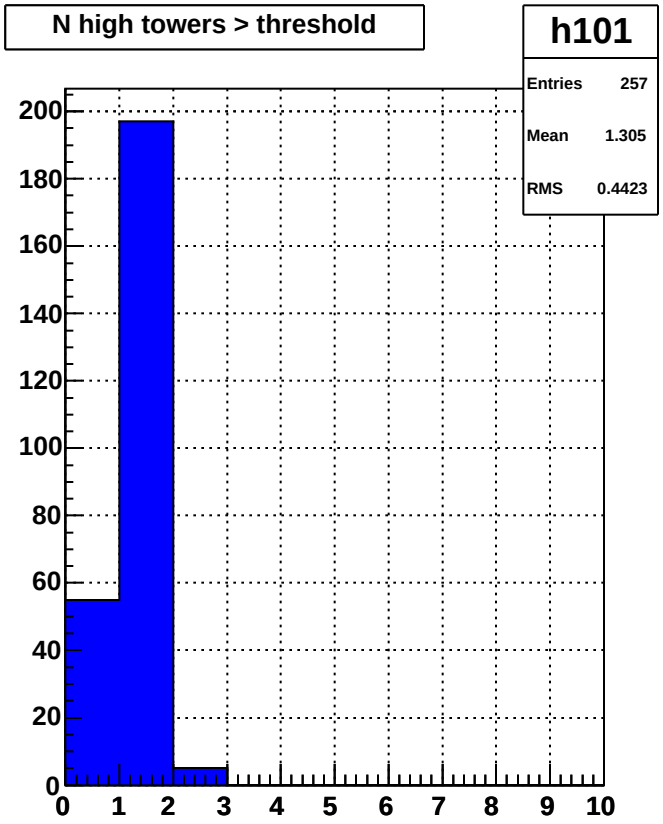
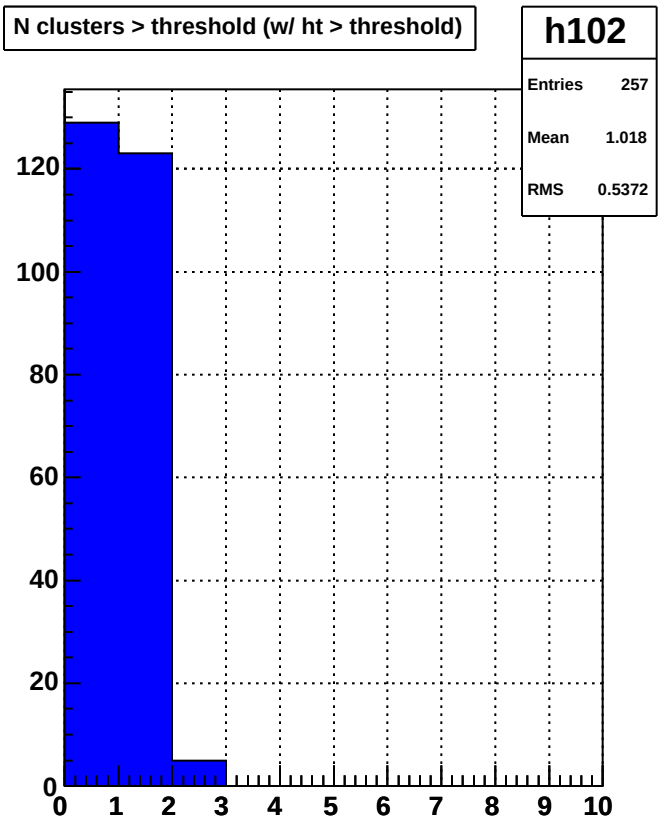
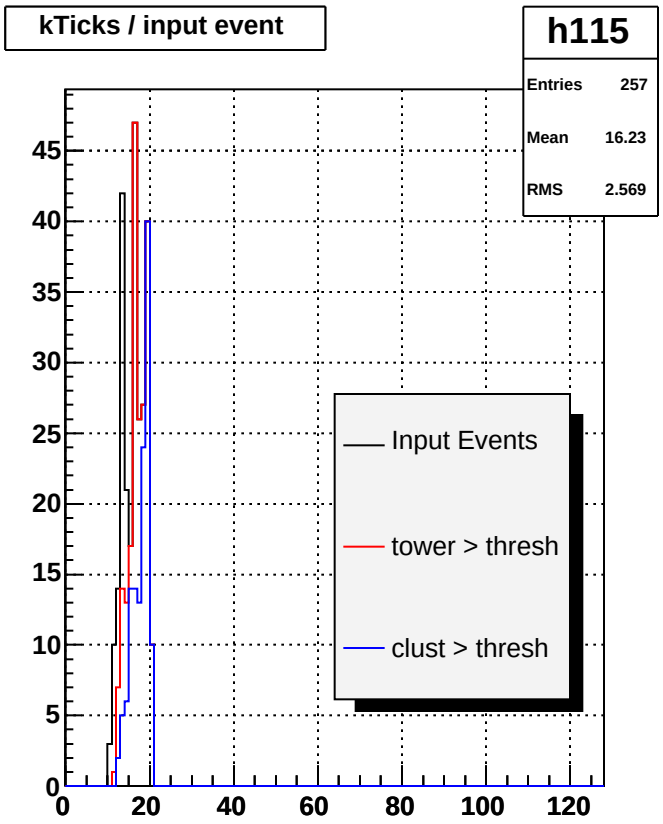
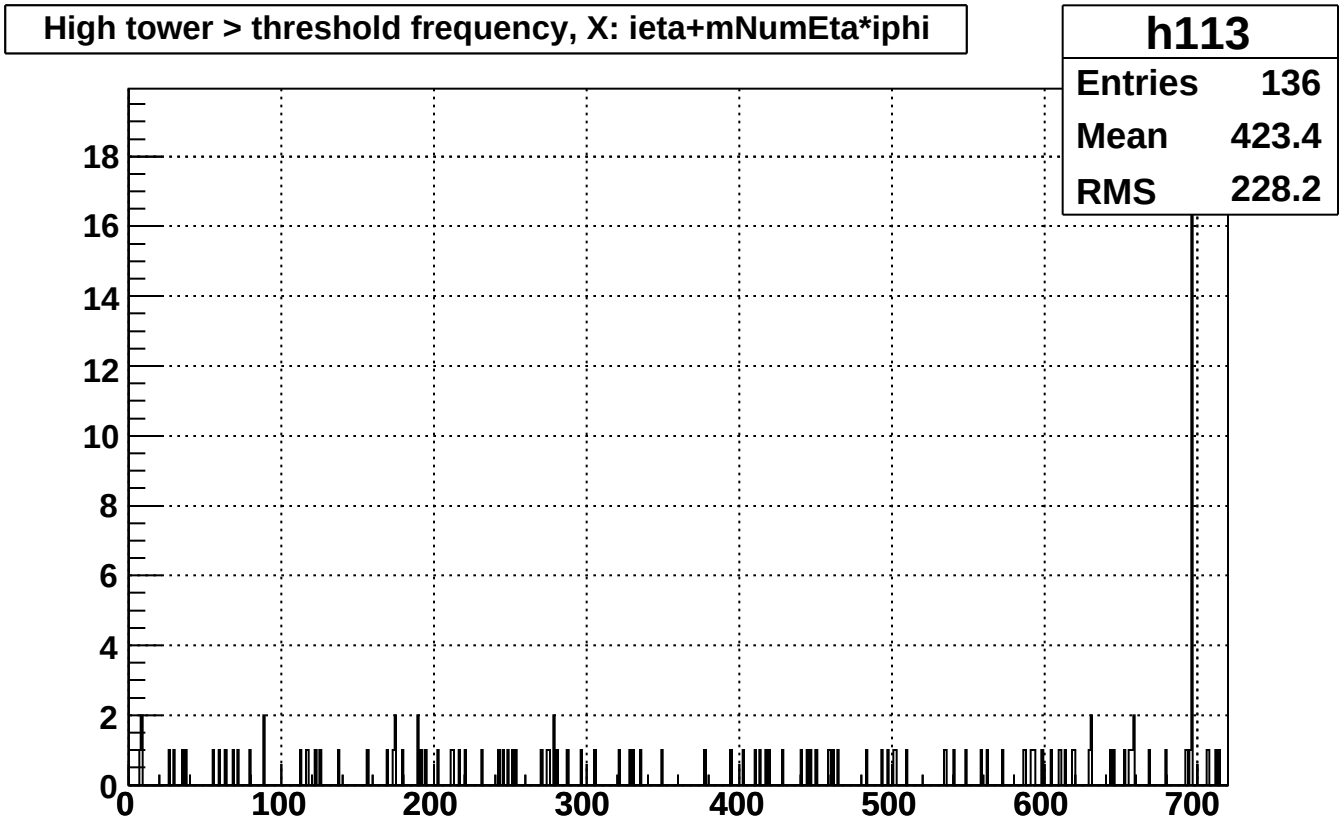
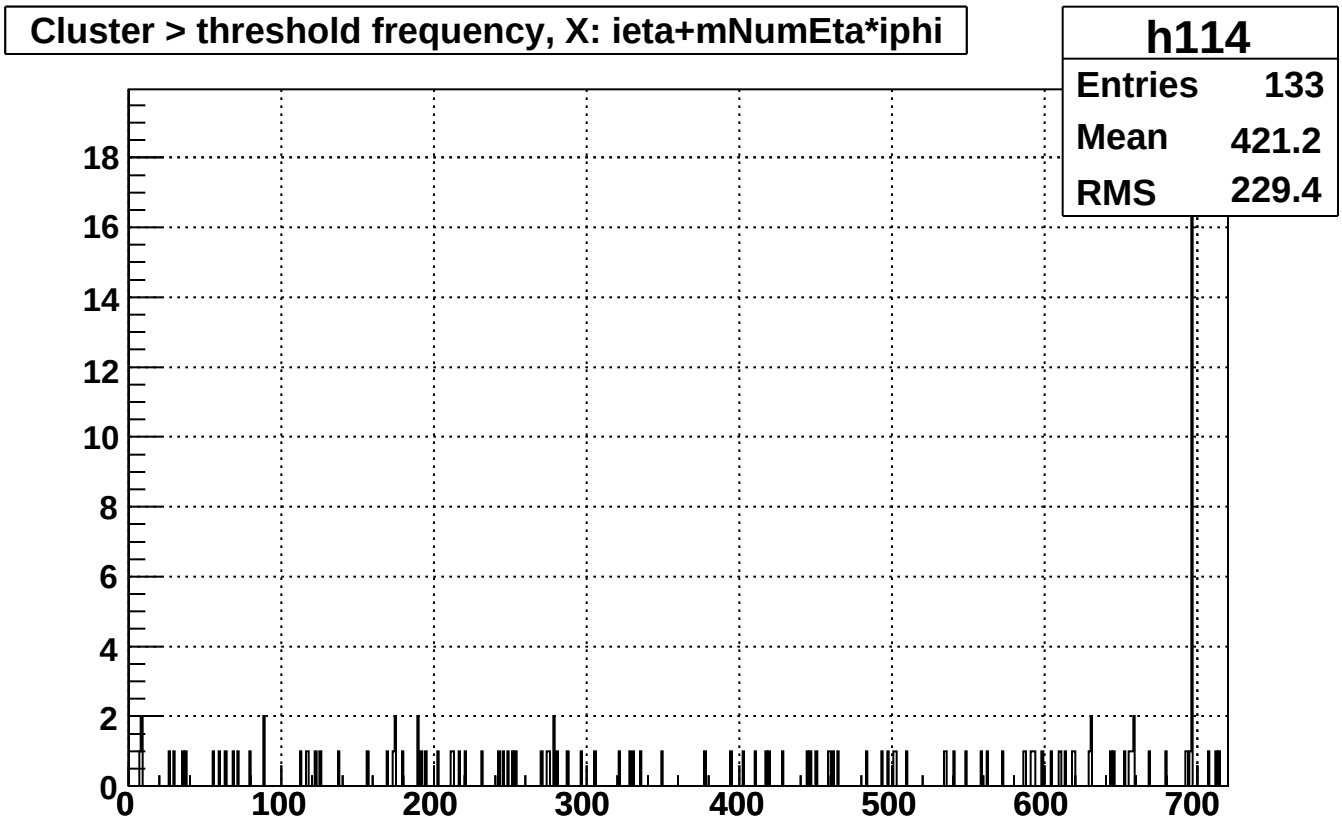

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 720
Mean 1.69
RMS 1.112

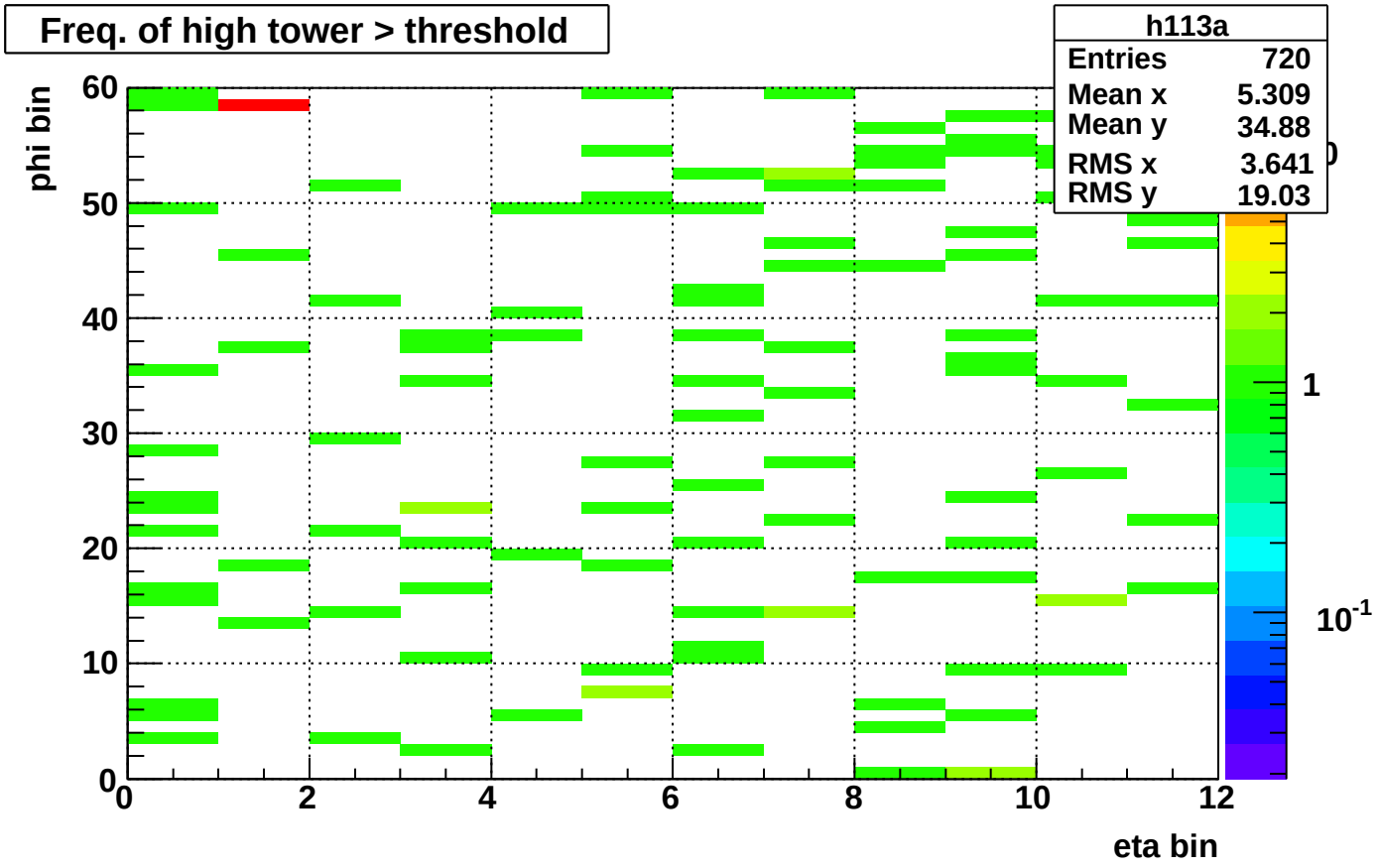

N high towers > threshold
h101
Entries 257
Mean 1.305
RMS 0.4423

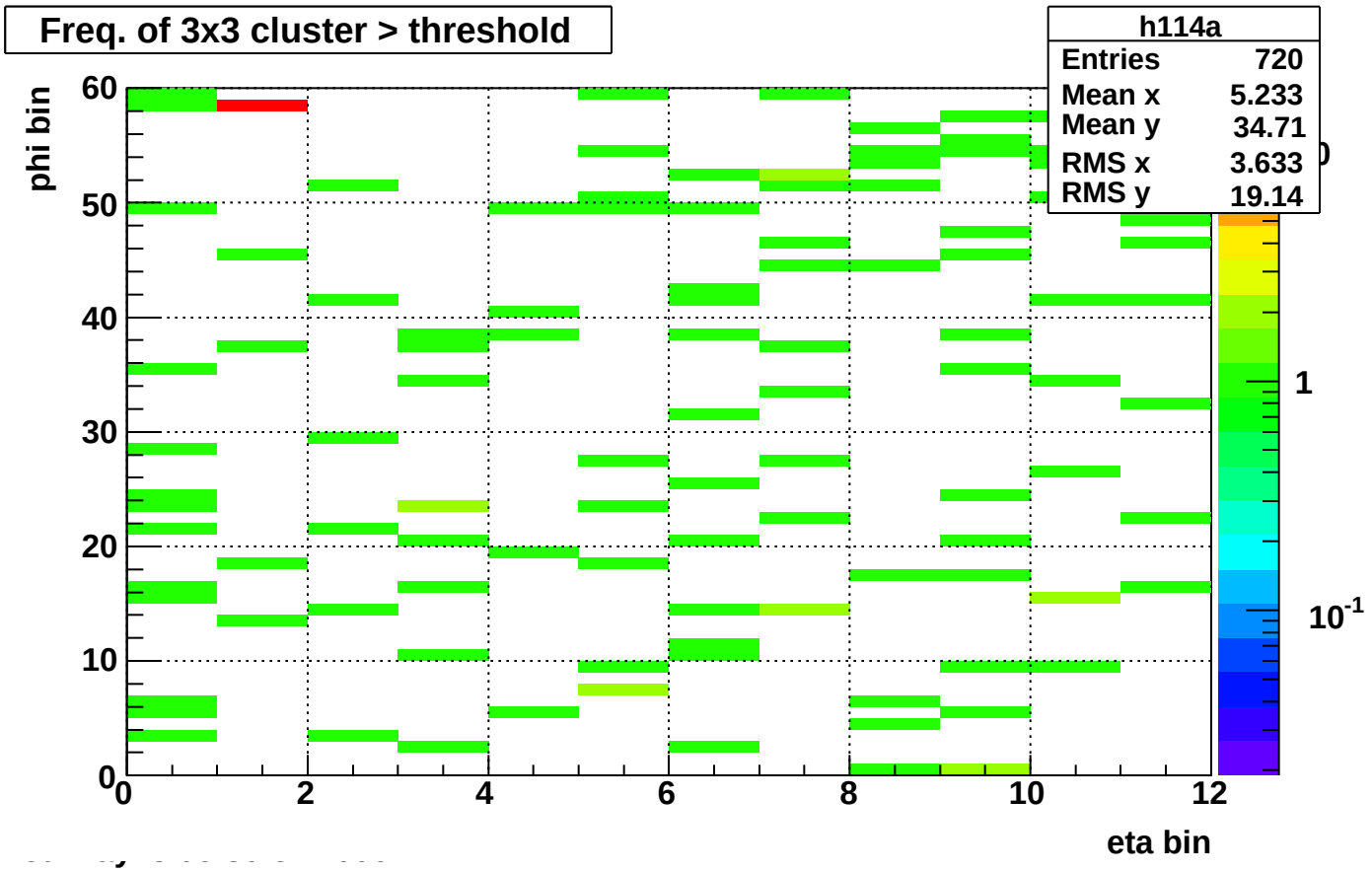

N clusters > threshold (w/ ht > threshold)
h102
Entries 257
Mean 1.018
RMS 0.5372

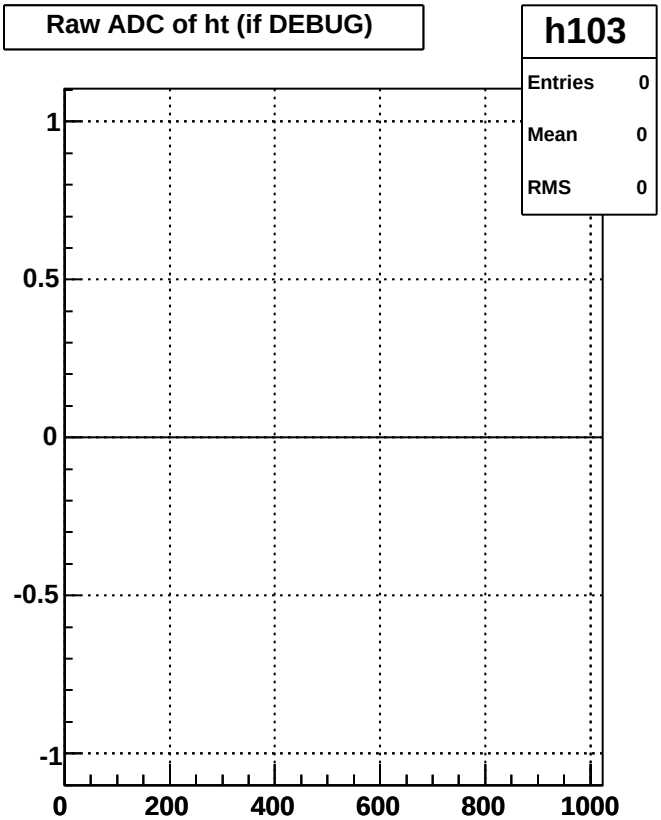

kTicks / input event
h115
Entries 257
Mean 16.23
RMS 2.569
Input Events
tower > thresh
clust > thresh

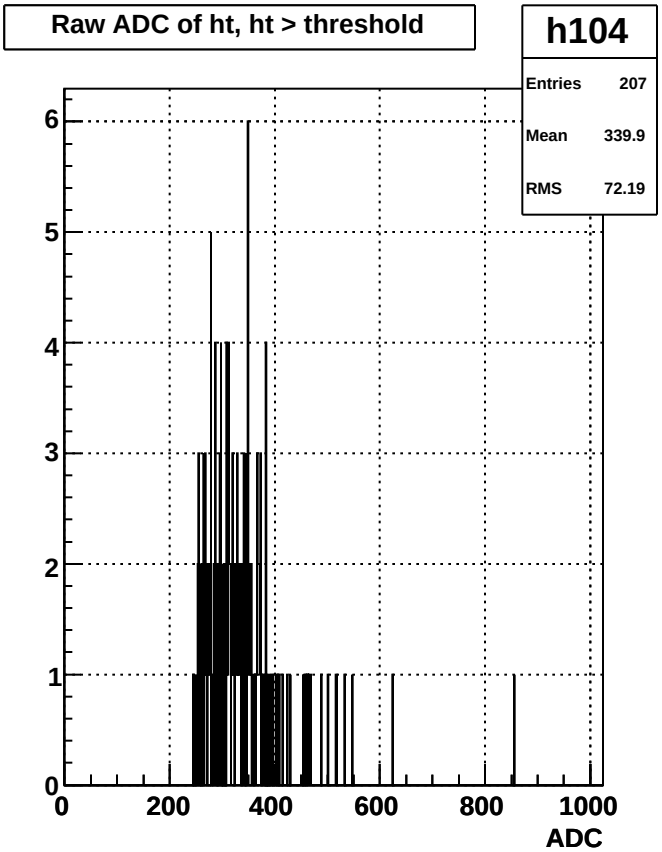

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 136
Mean 423.4
RMS 228.2
0
2
4
6
8
10
12
14
16
18
0
100
200
300
400
500
600
700

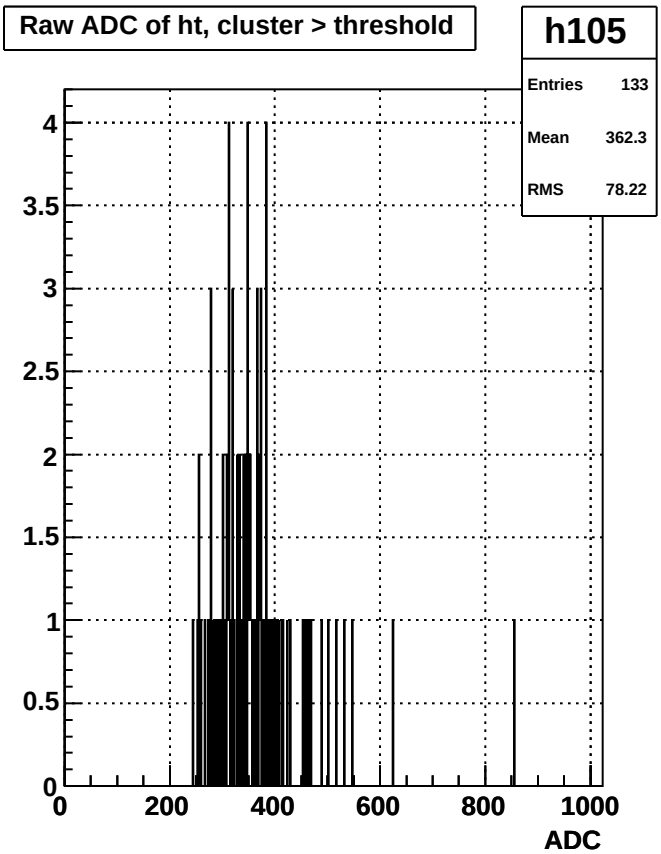

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 133
Mean 421.2
RMS 229.4
0
2
4
6
8
10
12
14
16
18
0
100
200
300
400
500
600
700

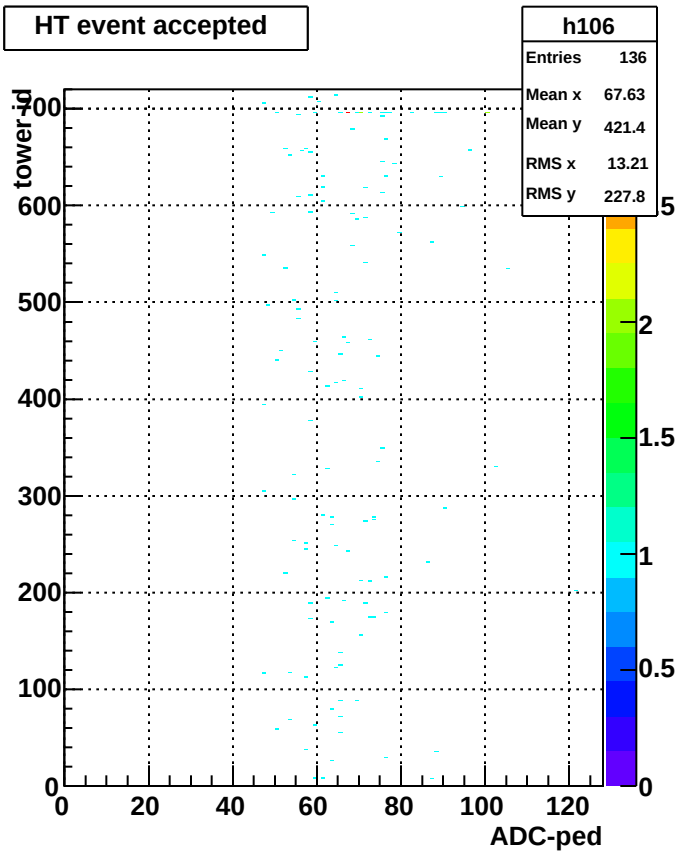

Freq. of high tower > threshold
h113a
Entries 720
Mean x 5.309
Mean y 34.88
RMS x 3.641
RMS y 19.03
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}

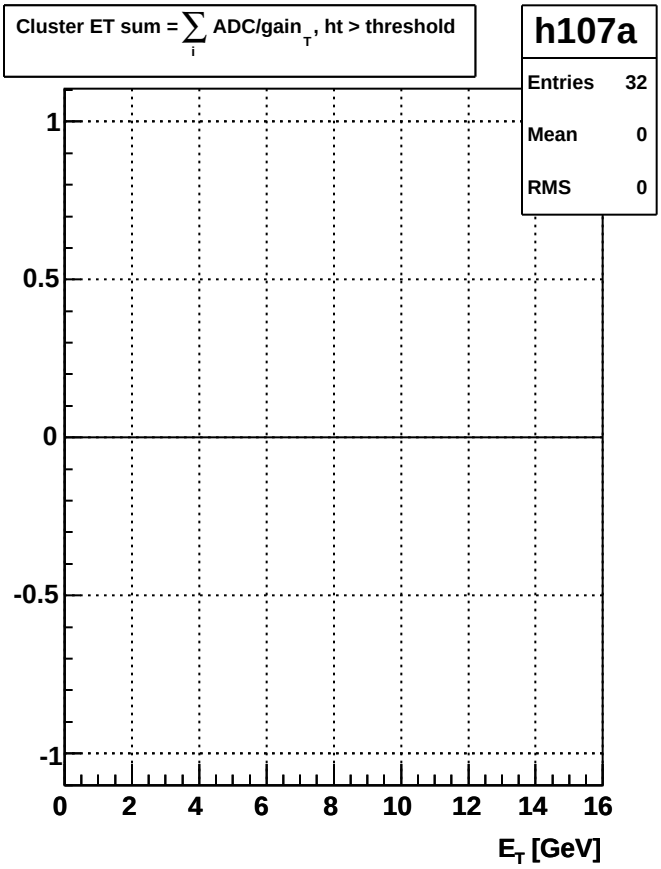

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 5.233
Mean y 34.71
RMS x 3.633
RMS y 19.14
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}

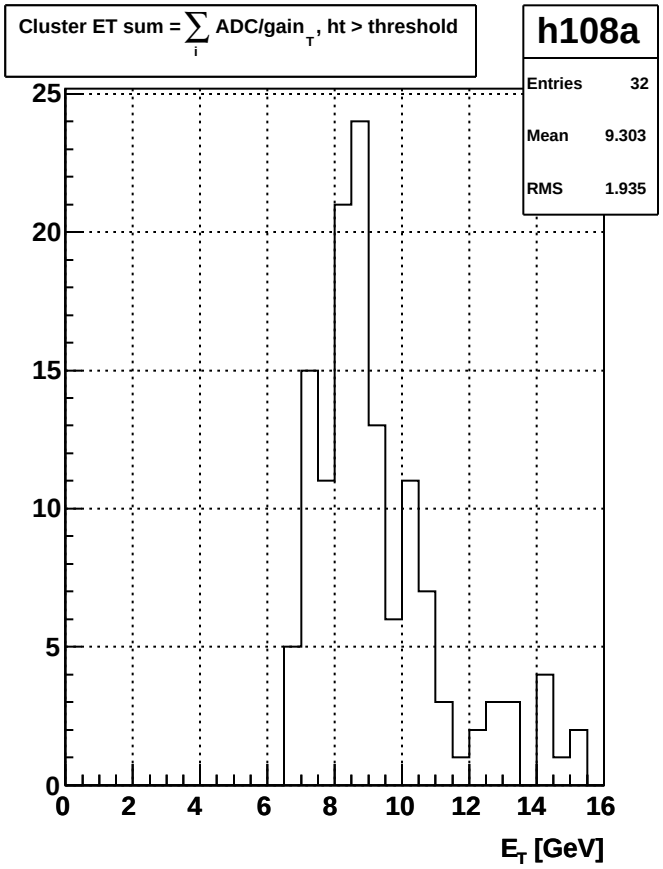

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

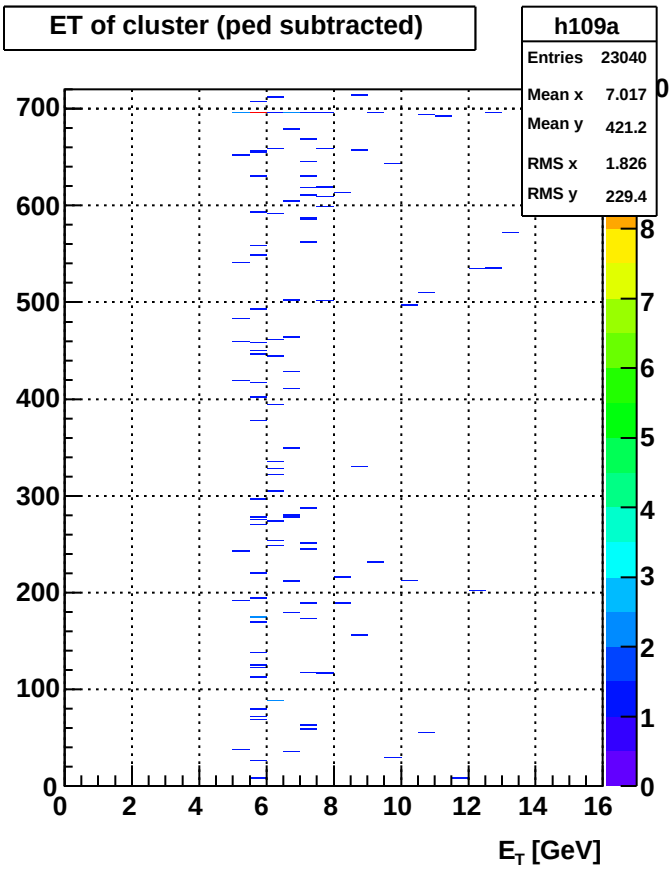

Raw ADC of ht, ht > threshold
h104
Entries 207
Mean 339.9
RMS 72.19
6
5
4
3
2
1
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 133
Mean 362.3
RMS 78.22
4
3.5
3
2.5
2
1.5
1
0.5
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 136
Mean x 67.63
Mean y 421.4
RMS x 13.21
RMS y 227.8
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 9.303
RMS 1.935
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 7.017
Mean y 421.2
RMS x 1.826
RMS y 229.4
E_T [GeV]