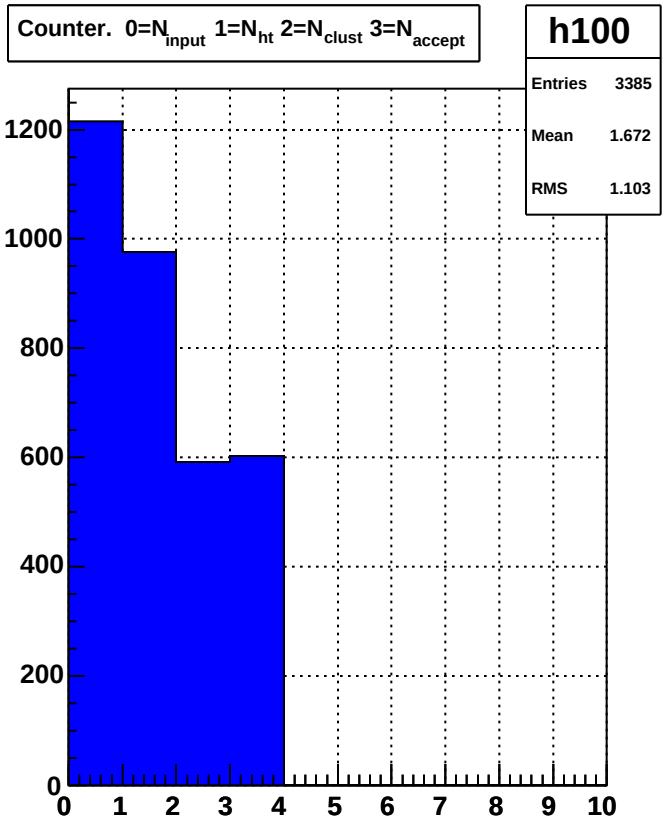
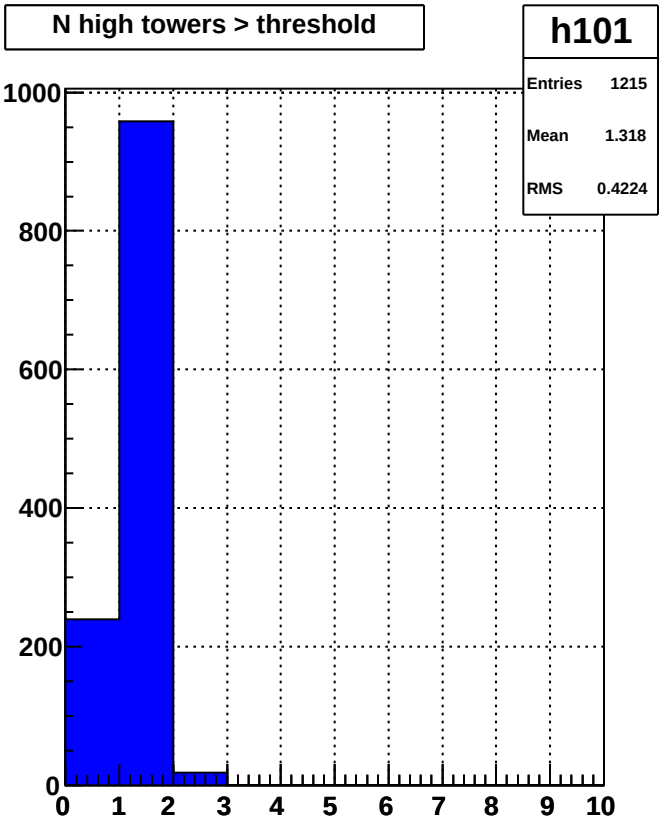
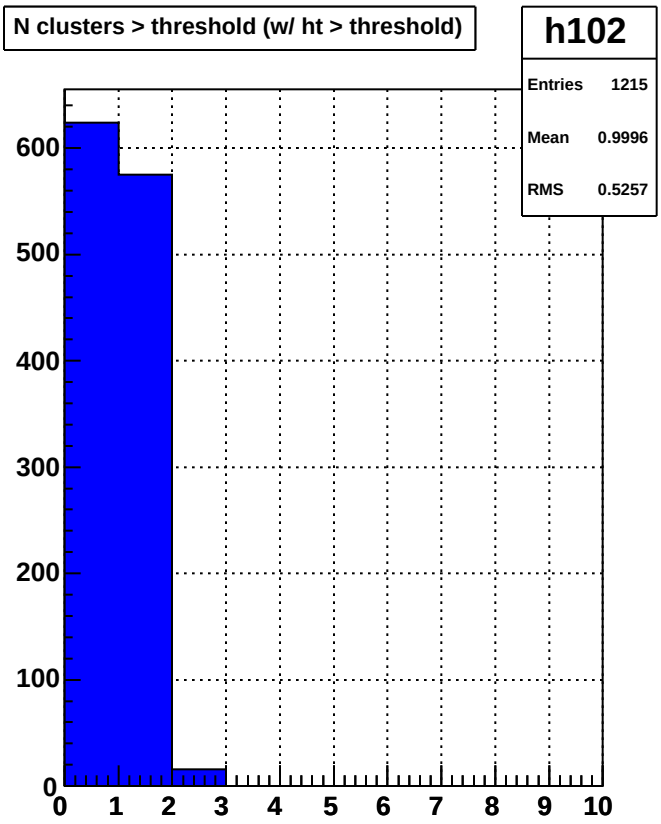
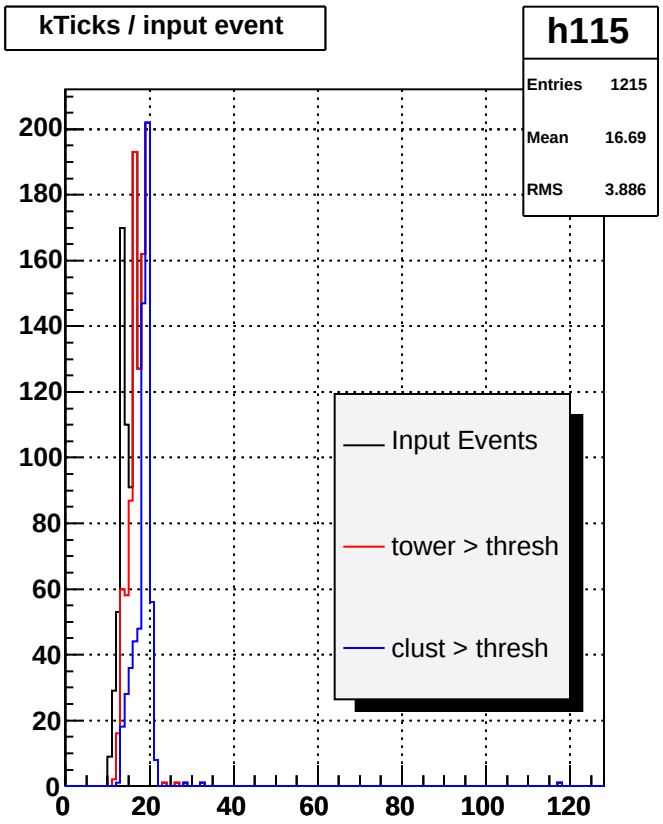
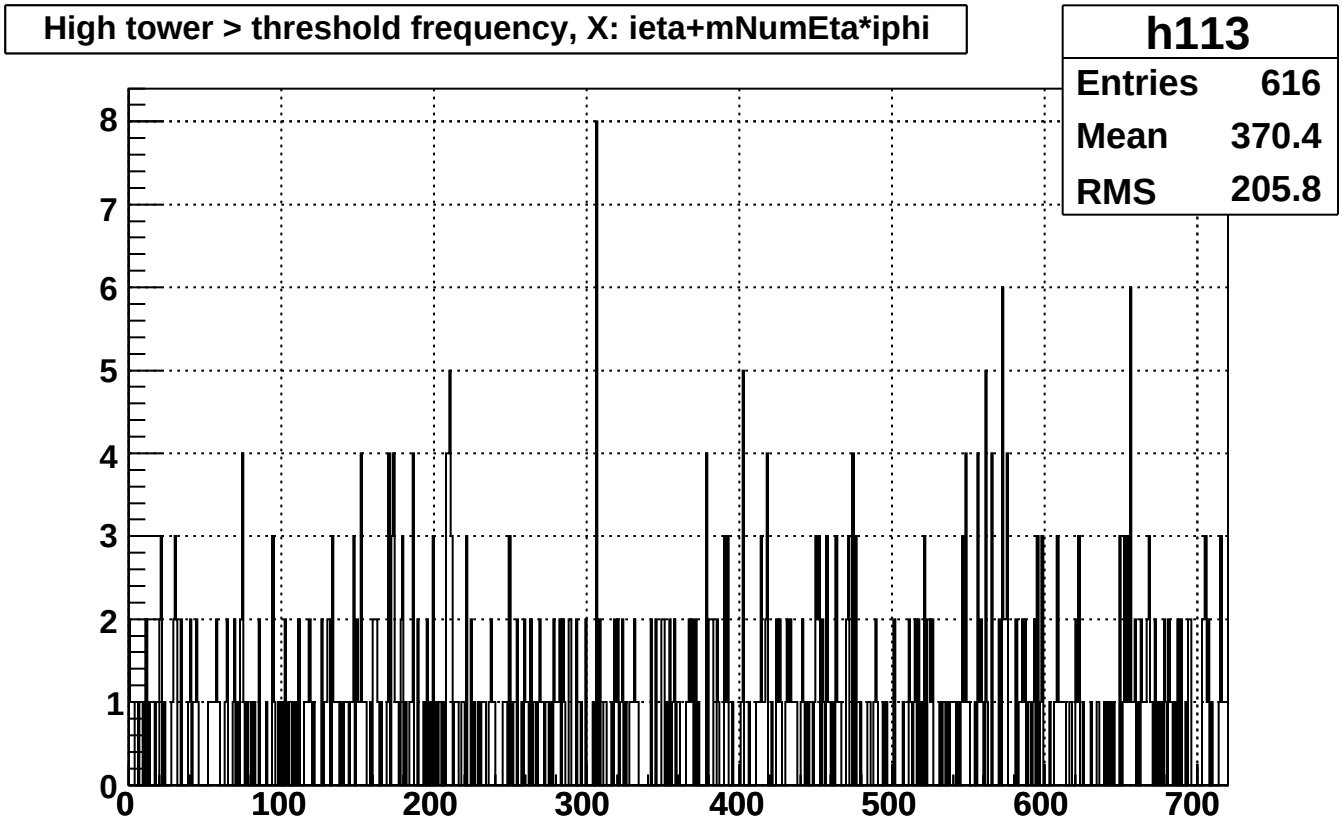
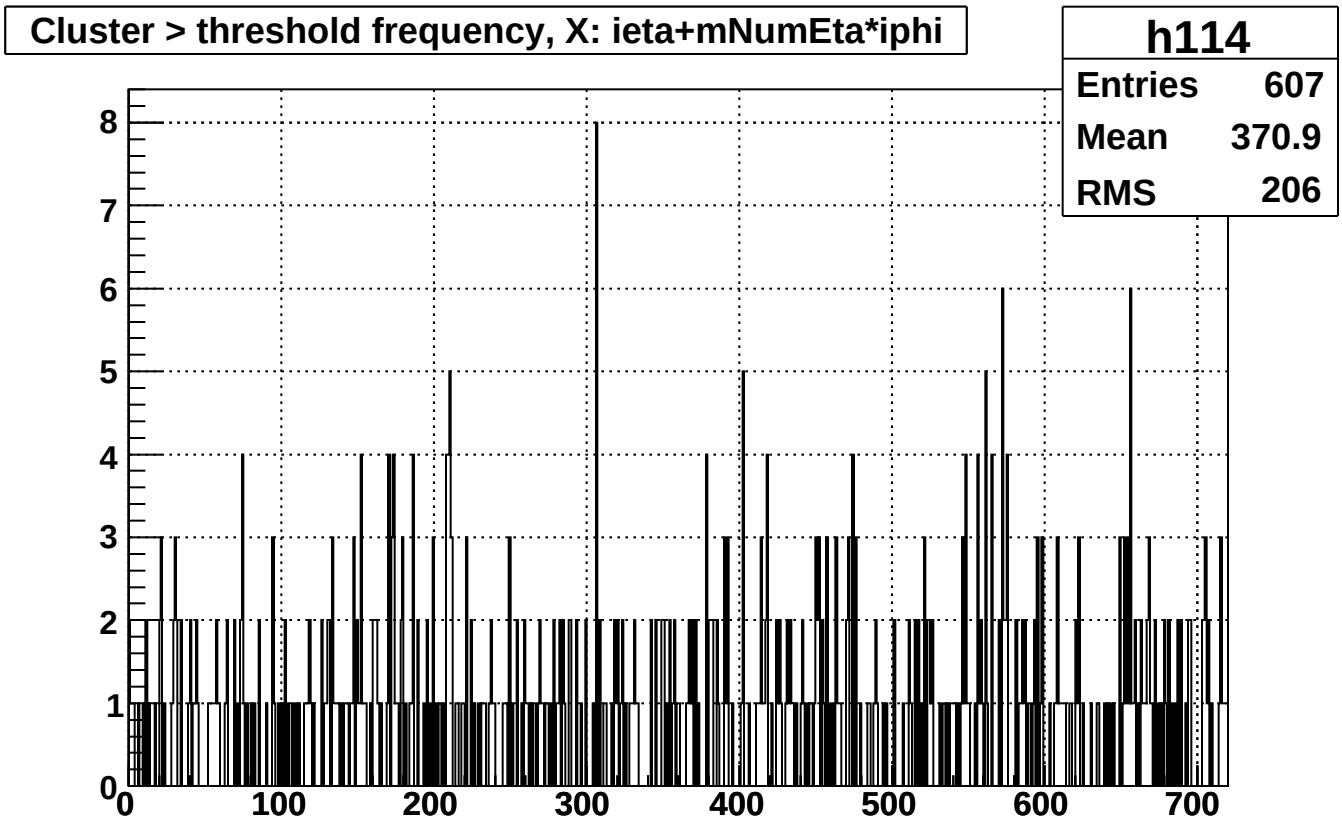

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 3385
Mean 1.672
RMS 1.103

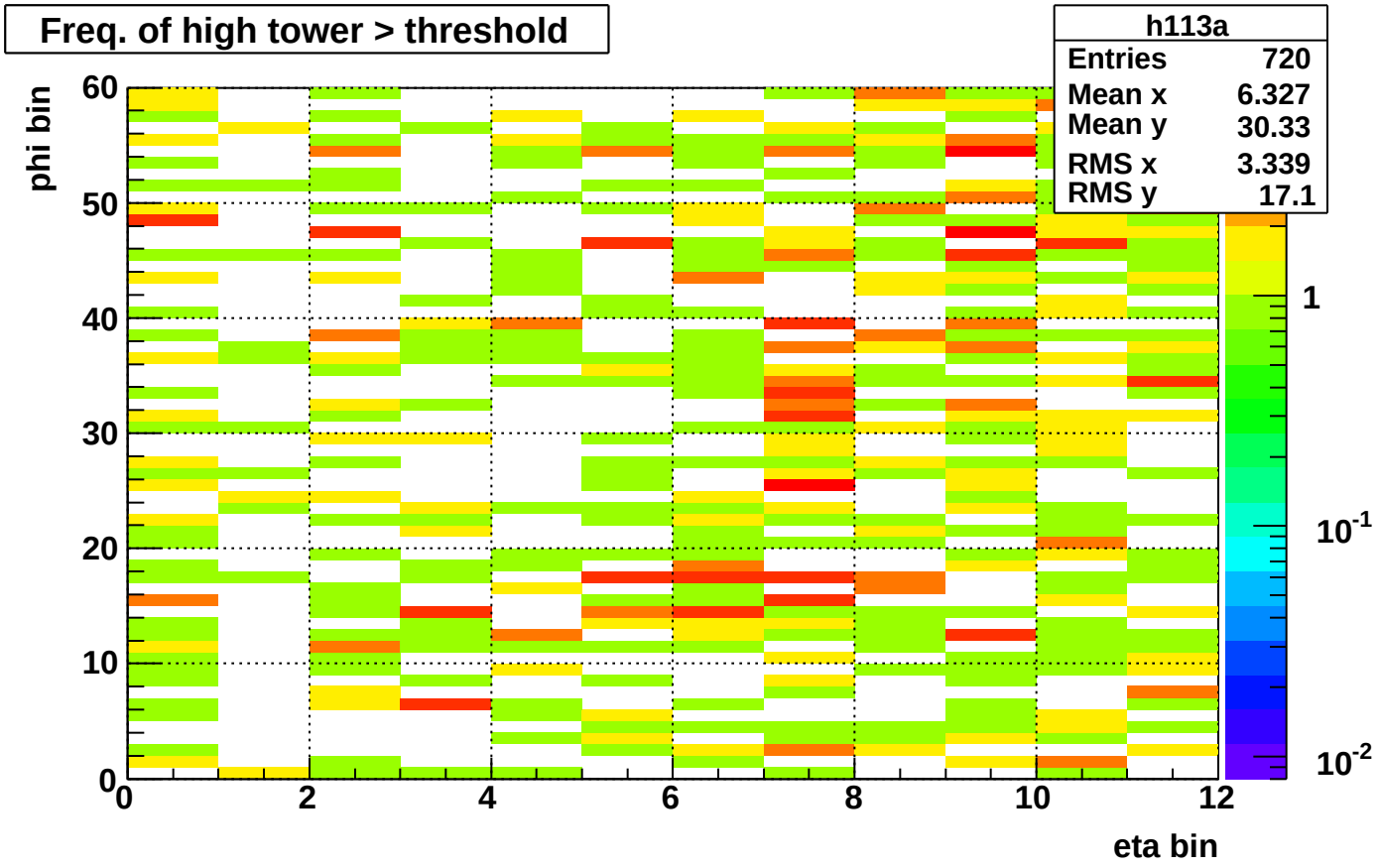

N high towers > threshold
h101
Entries 1215
Mean 1.318
RMS 0.4224

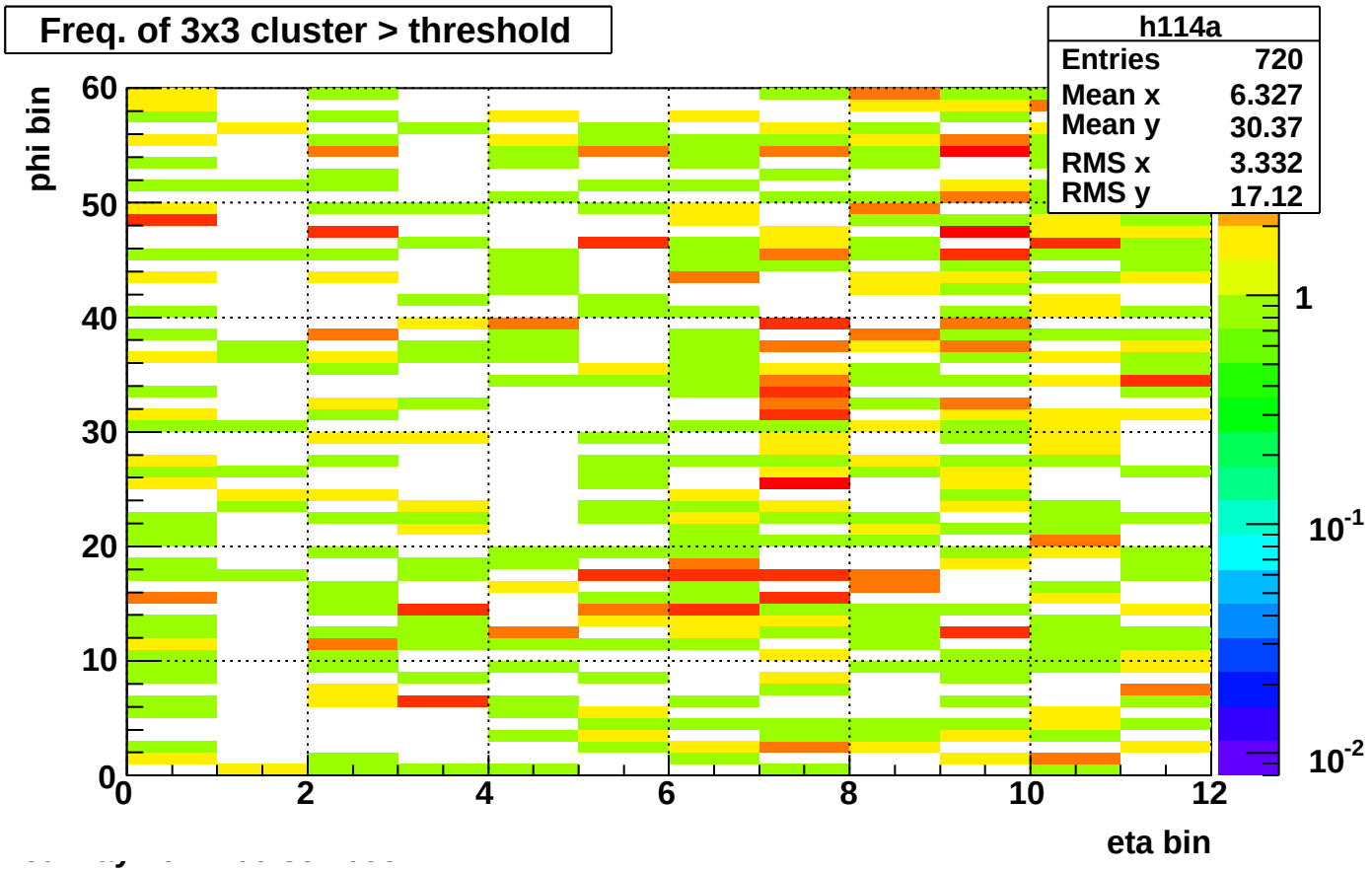

N clusters > threshold (w/ ht > threshold)
h102
Entries 1215
Mean 0.9996
RMS 0.5257

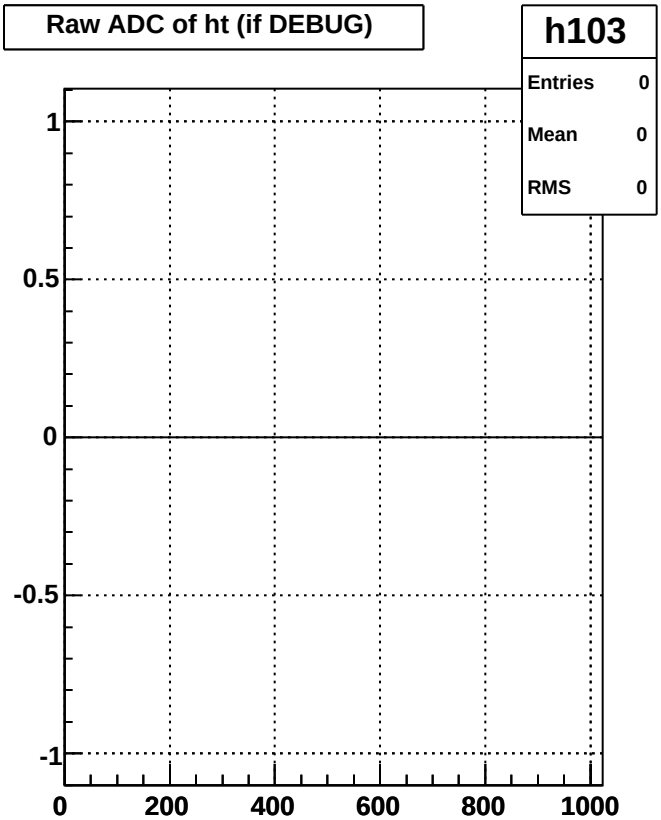

kTicks / input event
h115
Entries 1215
Mean 16.69
RMS 3.886
Input Events
tower > thresh
clust > thresh

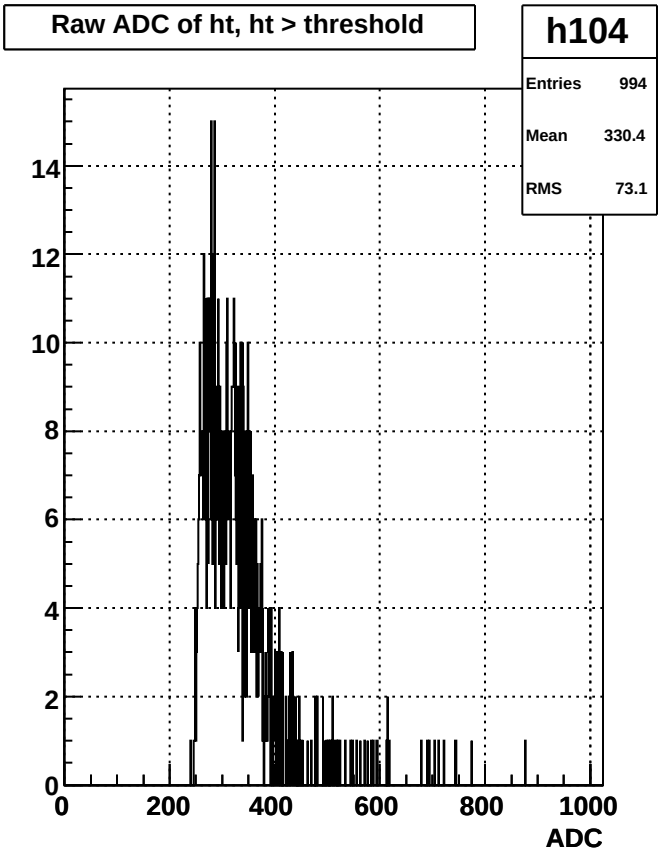

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 616
Mean 370.4
RMS 205.8
0
1
2
3
4
5
6
7
8
0
100
200
300
400
500
600
700

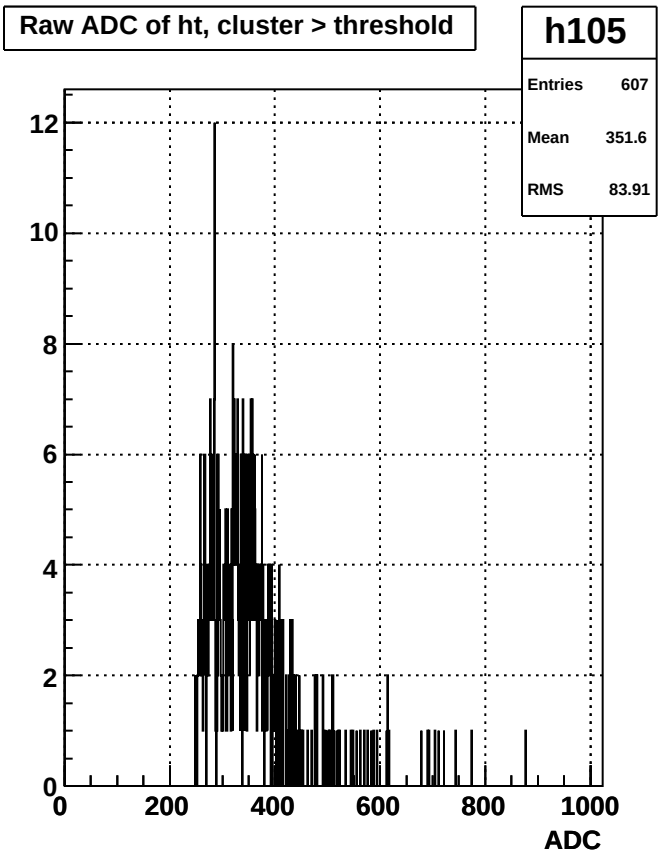

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 607
Mean 370.9
RMS 206
0
1
2
3
4
5
6
7
8
0
100
200
300
400
500
600
700

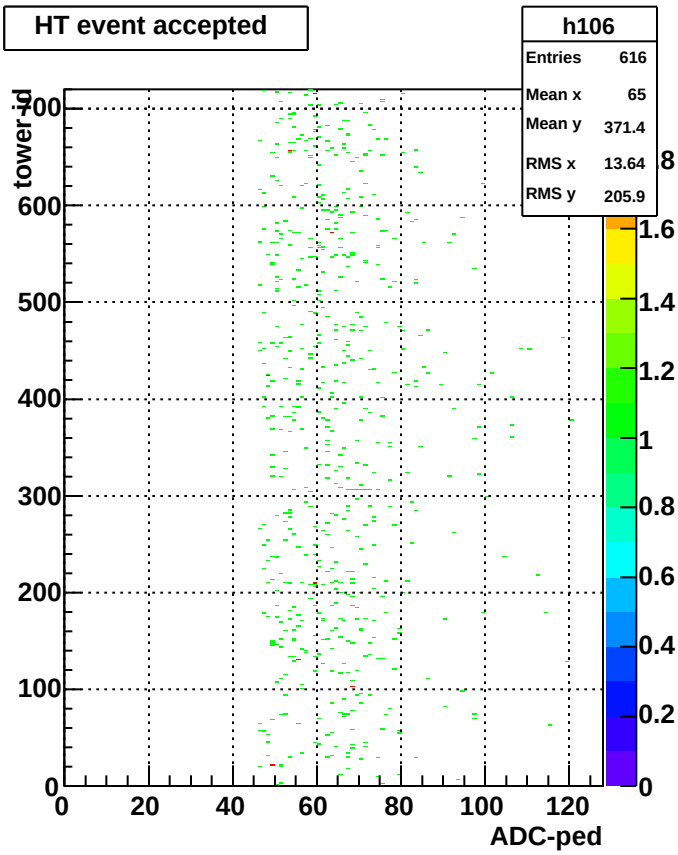

Freq. of high tower > threshold
h113a
Entries 720
Mean x 6.327
Mean y 30.33
RMS x 3.339
RMS y 17.1
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}
10^{-2}

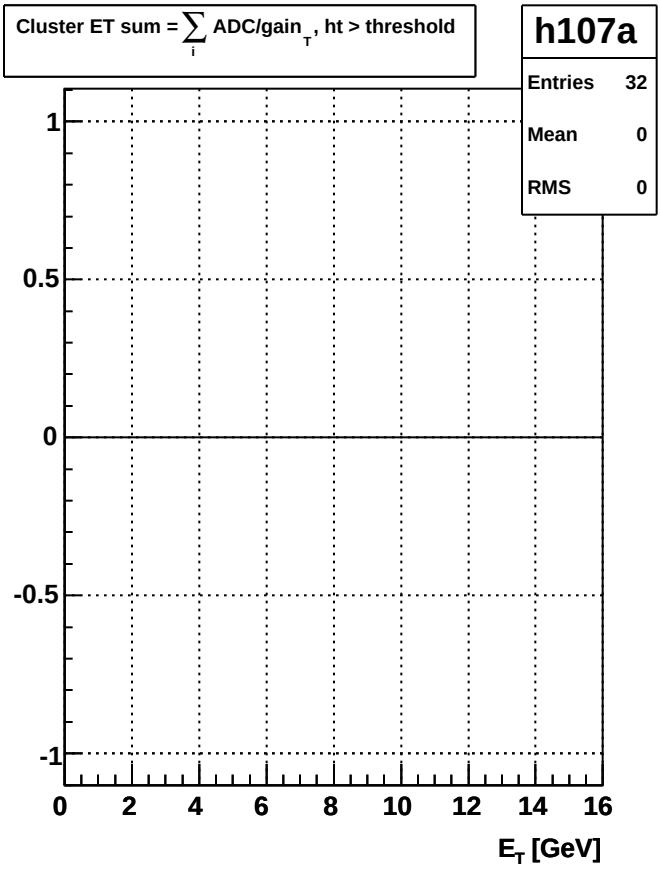

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 6.327
Mean y 30.37
RMS x 3.332
RMS y 17.12
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}
10^{-2}

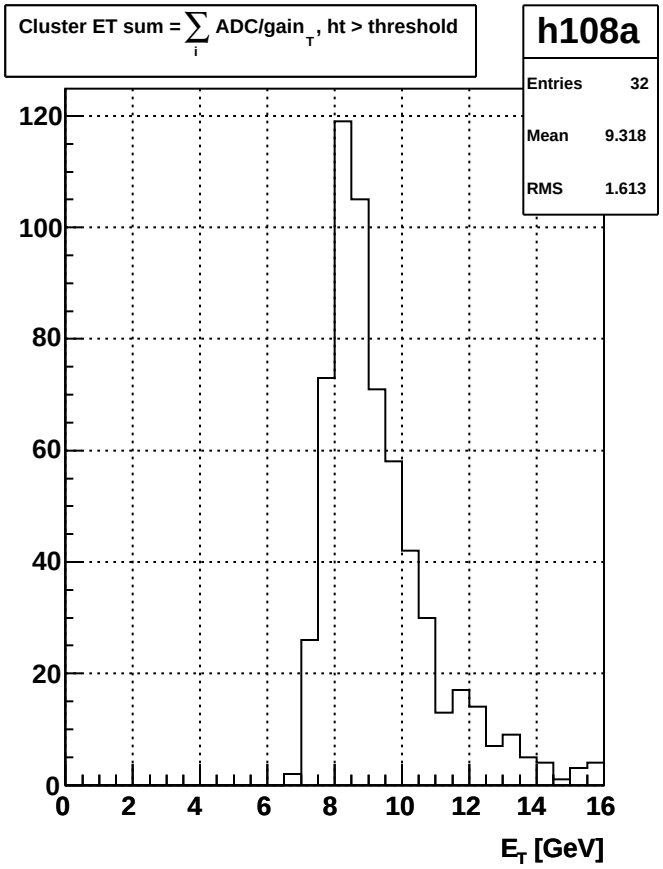

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

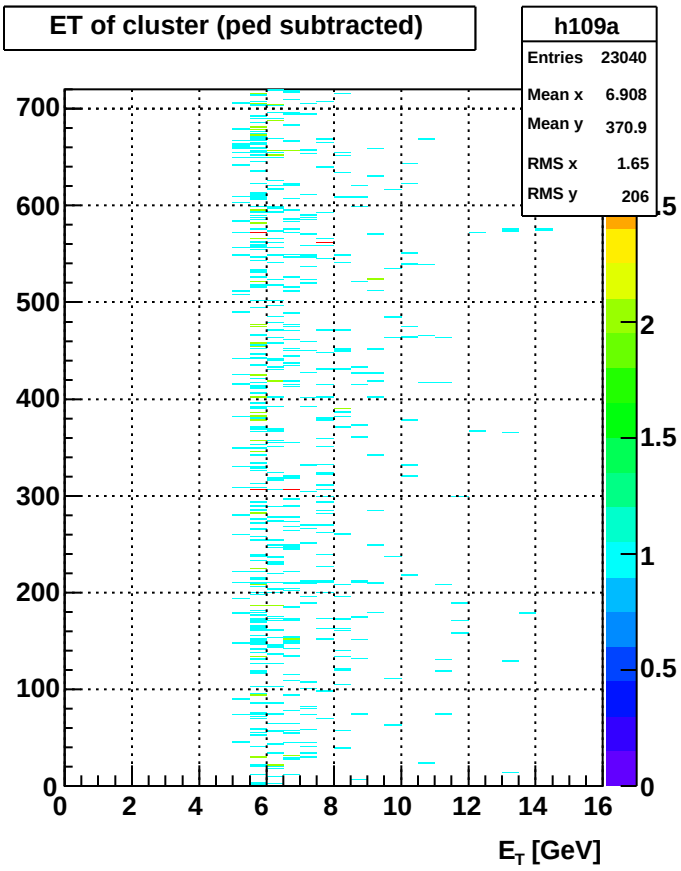

Raw ADC of ht, ht > threshold
h104
Entries 994
Mean 330.4
RMS 73.1
14
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 607
Mean 351.6
RMS 83.91
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 616
Mean x 65
Mean y 371.4
RMS x 13.64
RMS y 205.9
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 9.318
RMS 1.613
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.908
Mean y 370.9
RMS x 1.65
RMS y 206
E_T [GeV]