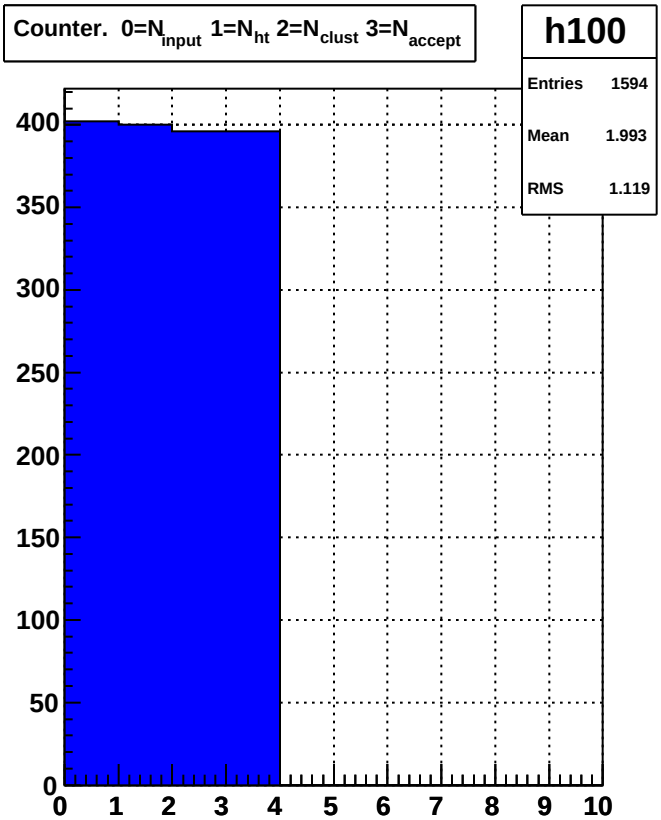
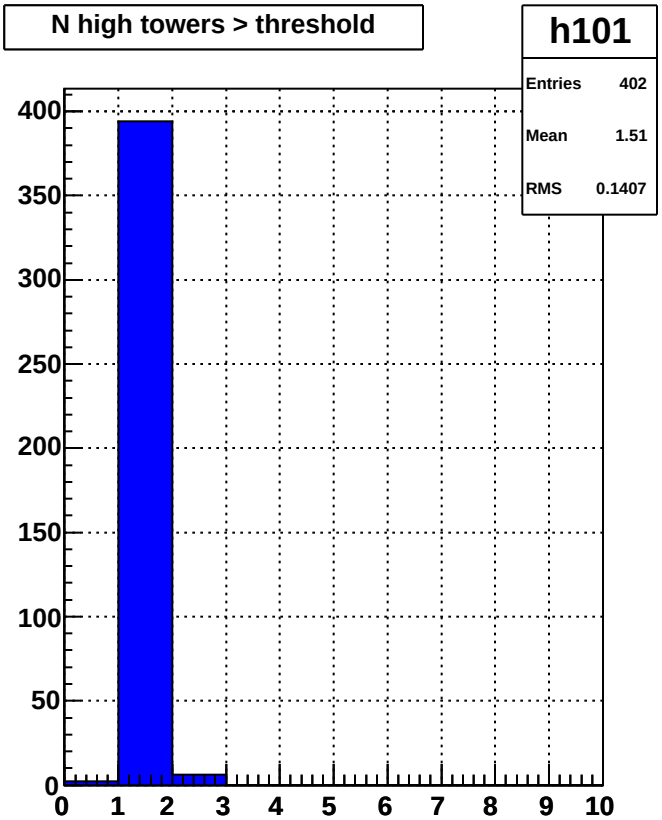
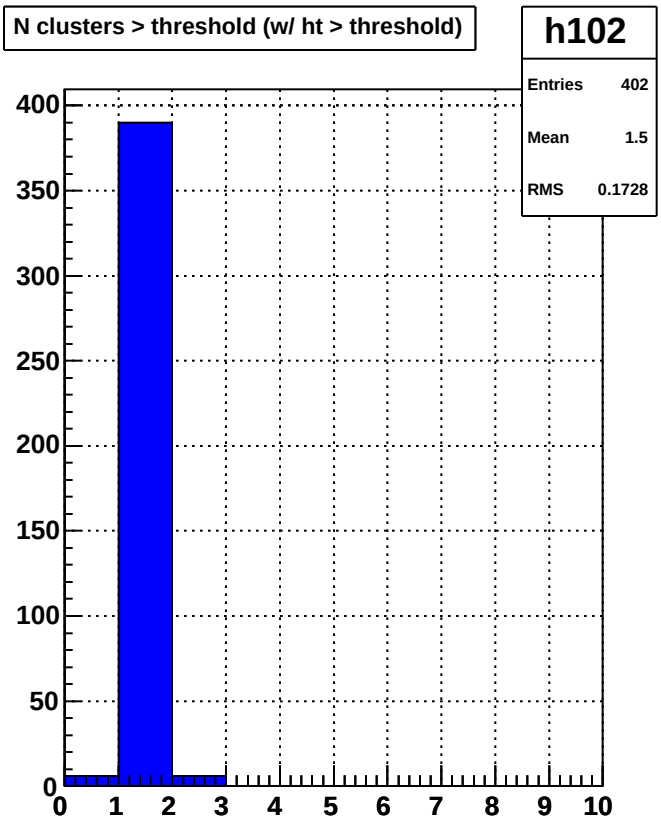
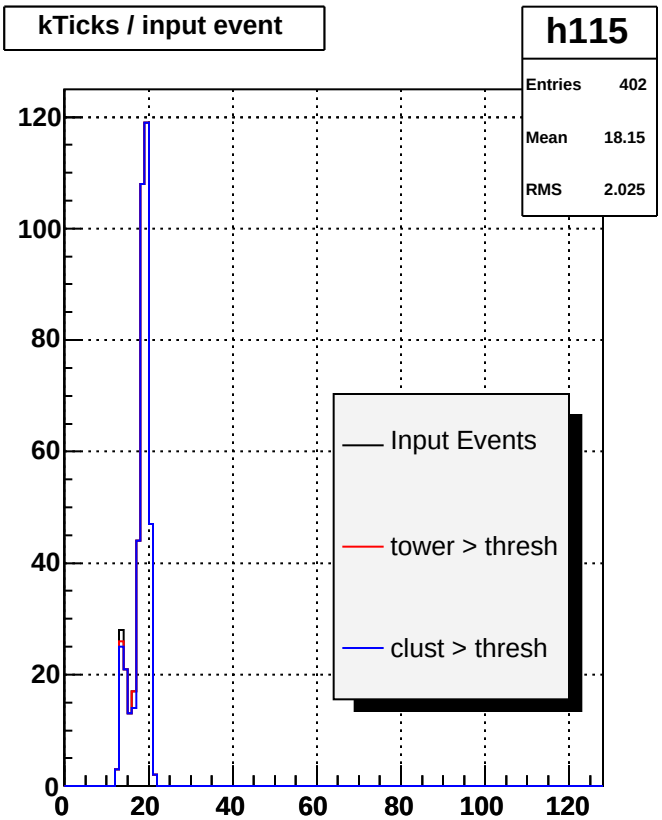
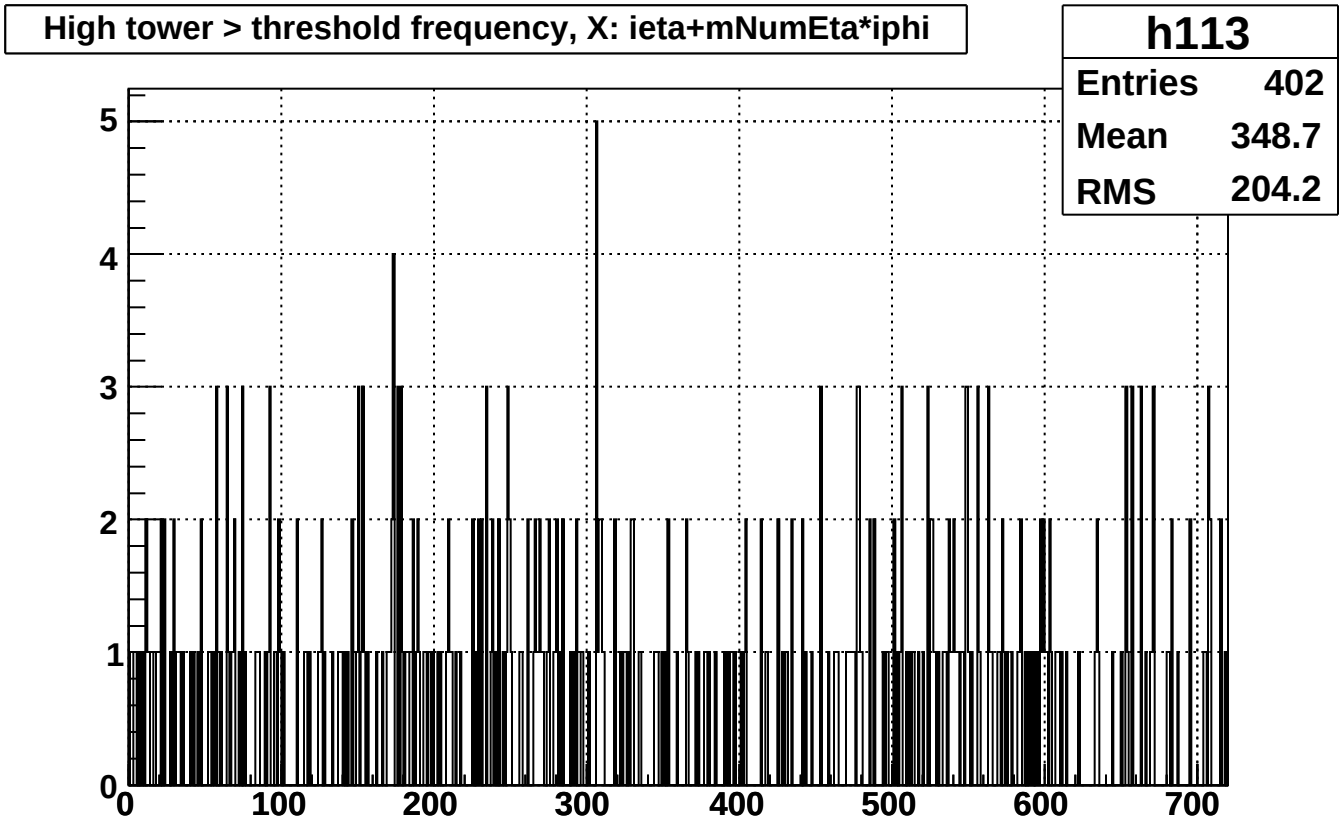
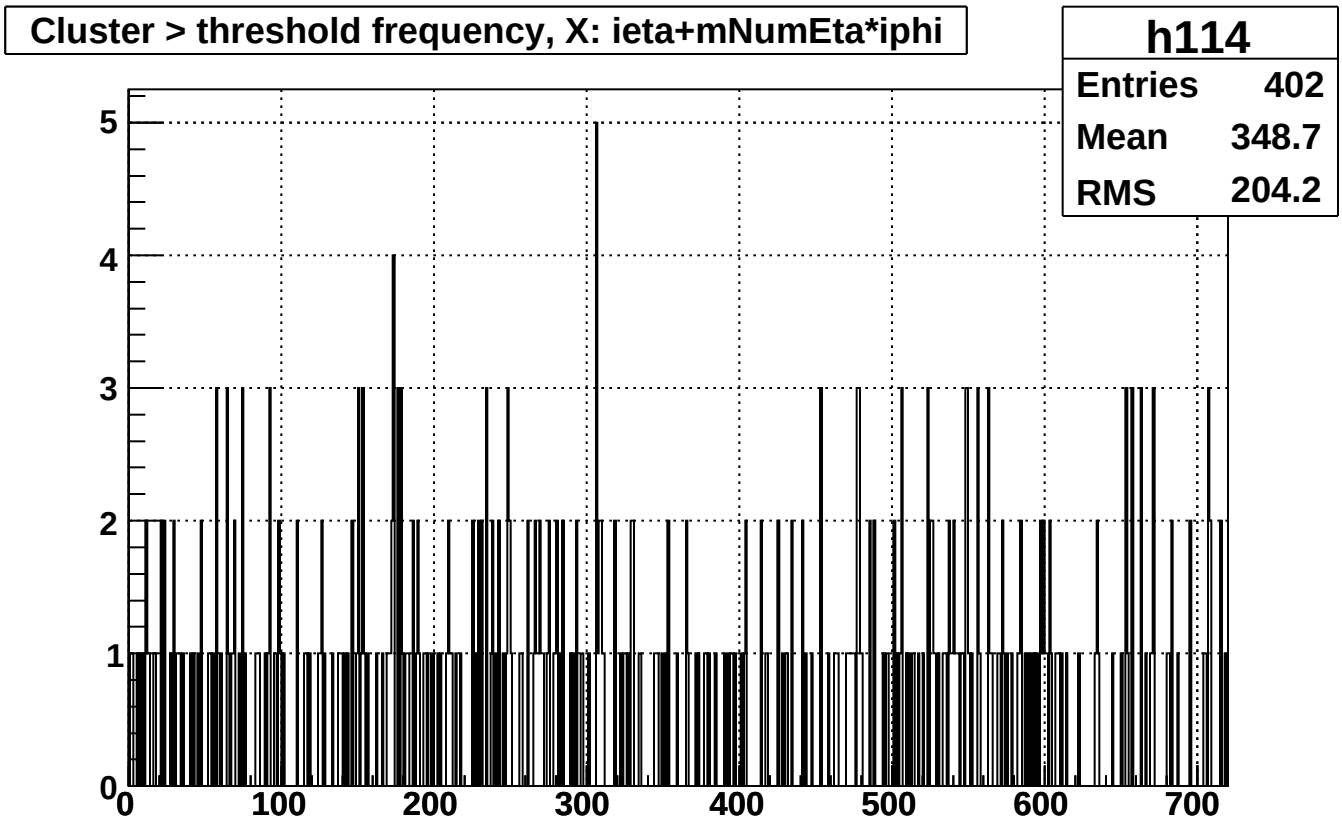

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 1594
Mean 1.993
RMS 1.119

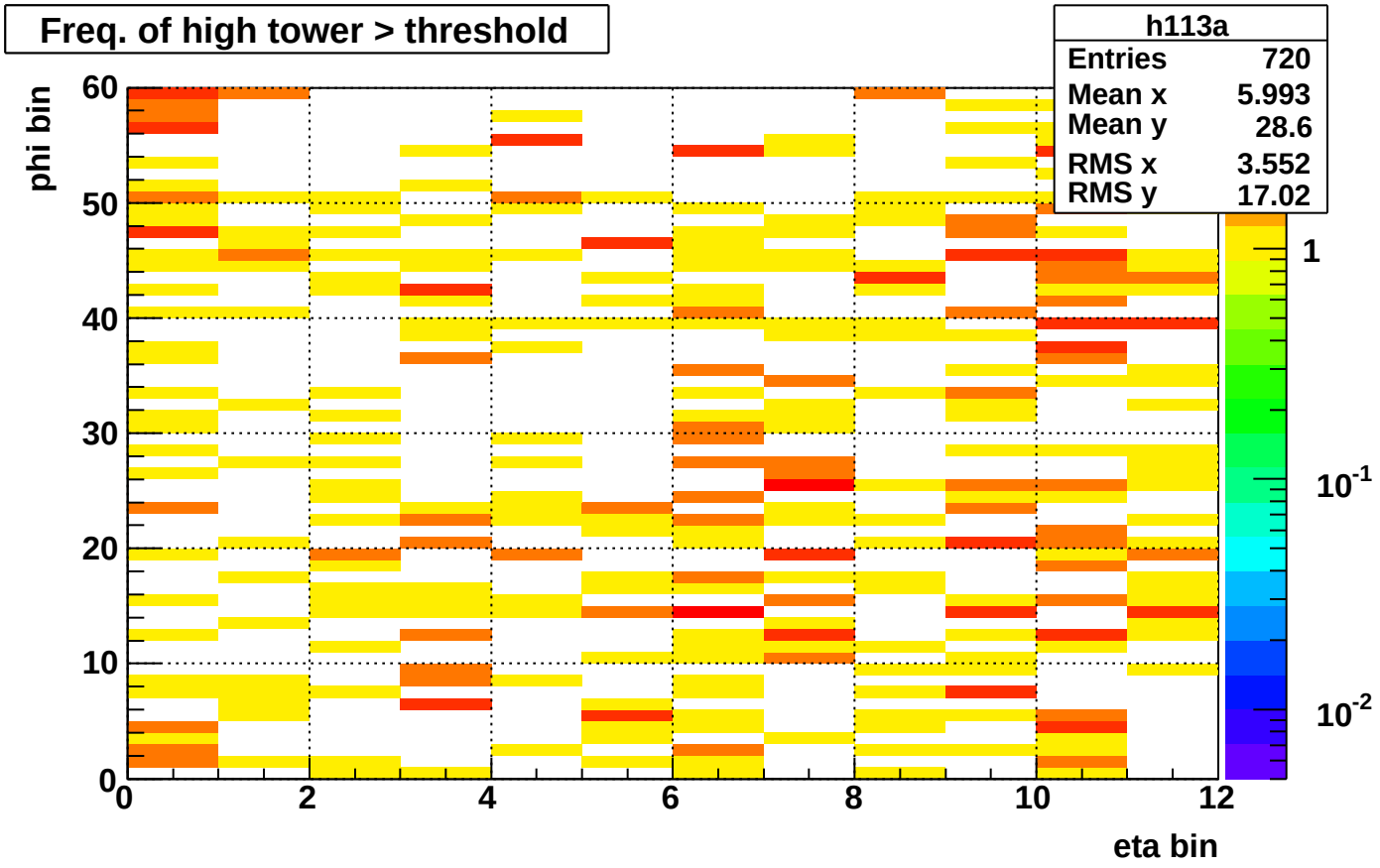

N high towers > threshold
h101
Entries 402
Mean 1.51
RMS 0.1407

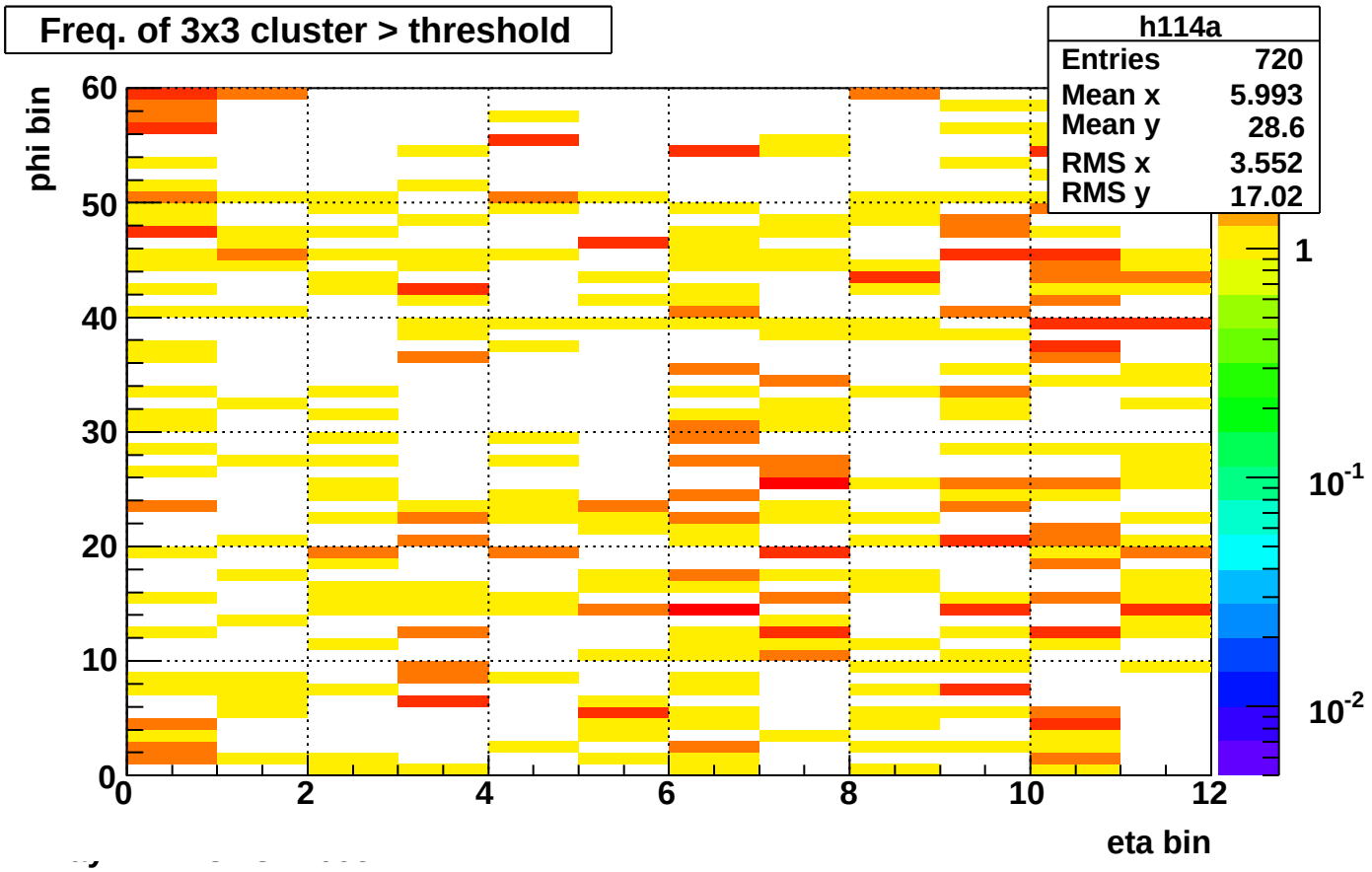

N clusters > threshold (w/ ht > threshold)
h102
Entries 402
Mean 1.5
RMS 0.1728

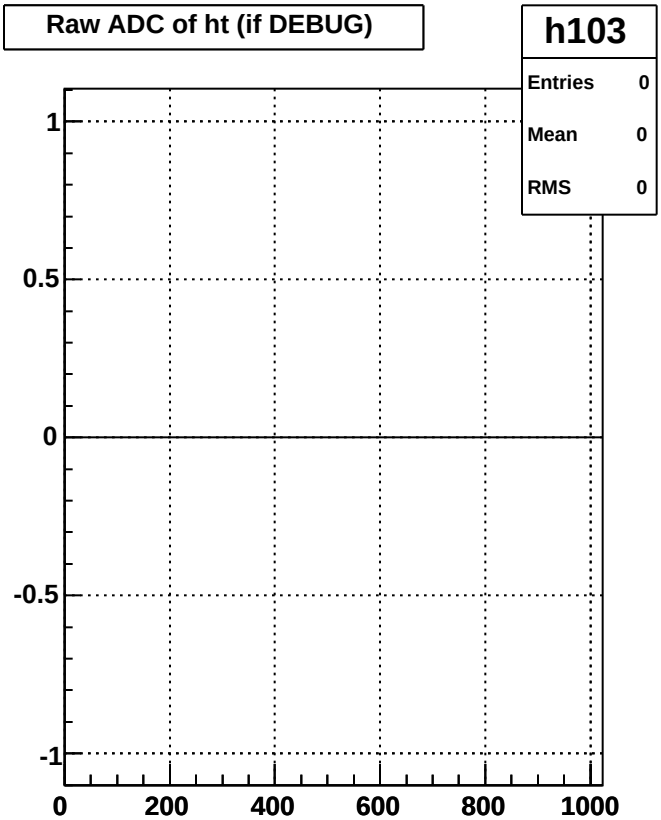

kTicks / input event
h115
Entries 402
Mean 18.15
RMS 2.025
Input Events
tower > thresh
clust > thresh

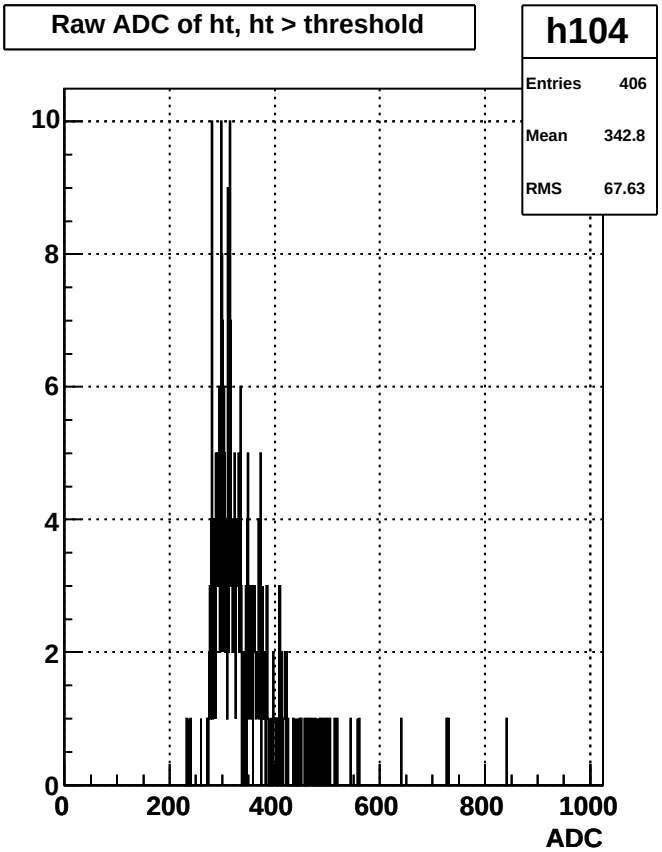

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 402
Mean 348.7
RMS 204.2
0
1
2
3
4
5
0
100
200
300
400
500
600
700

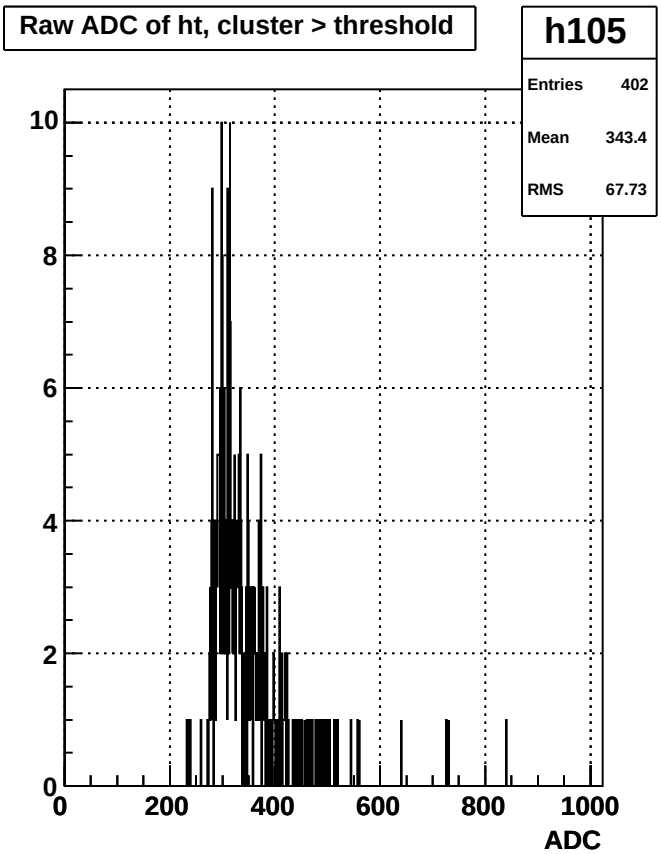

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 402
Mean 348.7
RMS 204.2
0
1
2
3
4
5
0
100
200
300
400
500
600
700

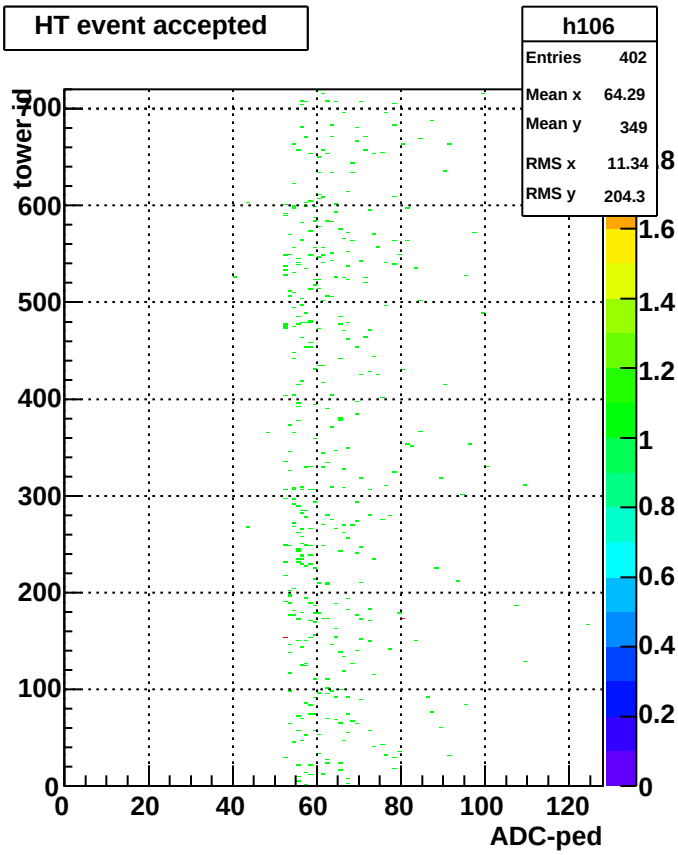

Freq. of high tower > threshold
h113a
Entries 720
Mean x 5.993
Mean y 28.6
RMS x 3.552
RMS y 17.02
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}
10^{-2}

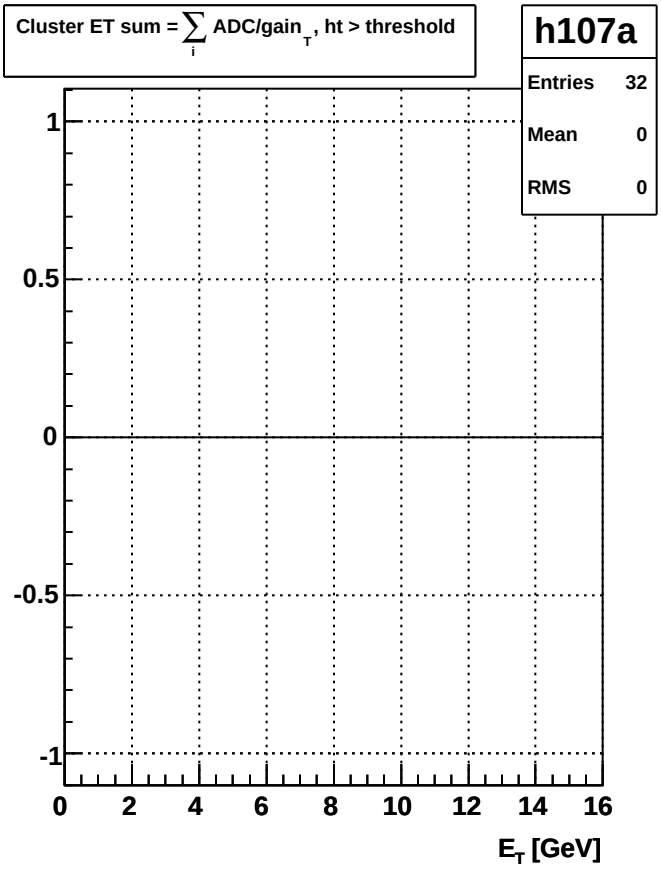

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 5.993
Mean y 28.6
RMS x 3.552
RMS y 17.02
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}
10^{-2}

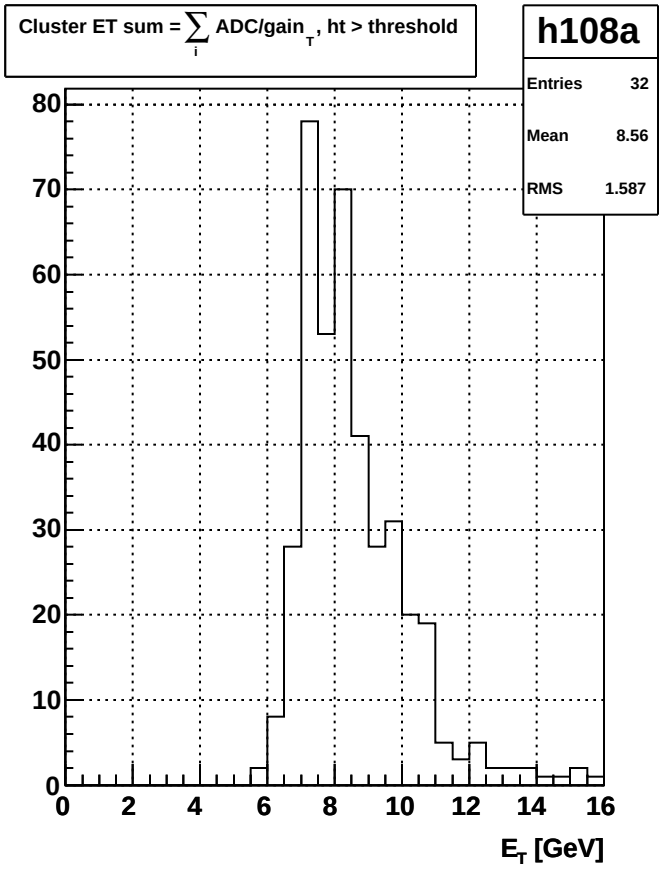

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

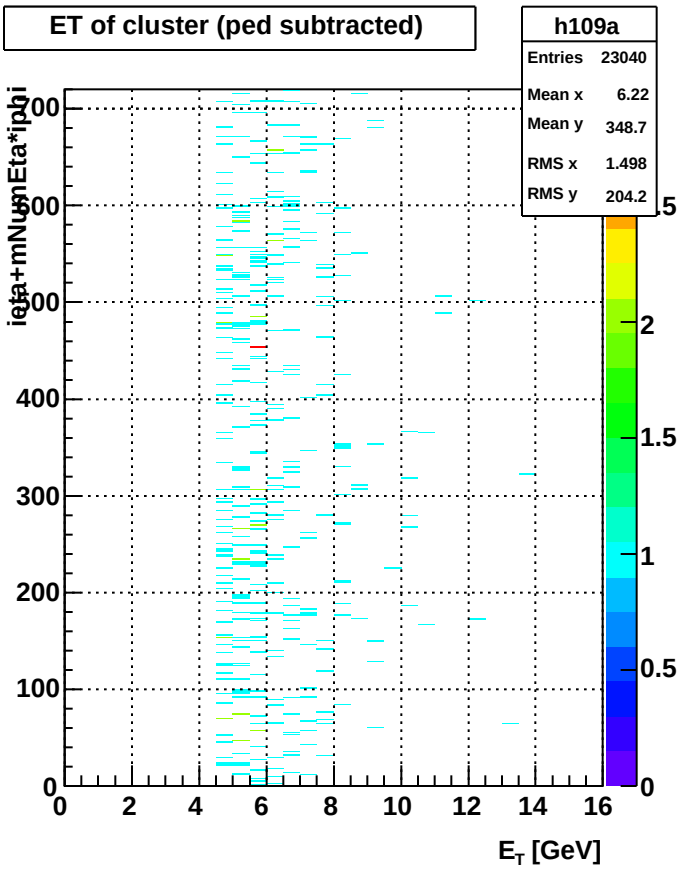

Raw ADC of ht, ht > threshold
h104
Entries 406
Mean 342.8
RMS 67.63
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 402
Mean 343.4
RMS 67.73
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 402
Mean x 64.29
Mean y 349
RMS x 11.34
RMS y 204.3
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 8.56
RMS 1.587
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.22
Mean y 348.7
RMS x 1.498
RMS y 204.2
ieta+mNumEta*iphi
E_T [GeV]