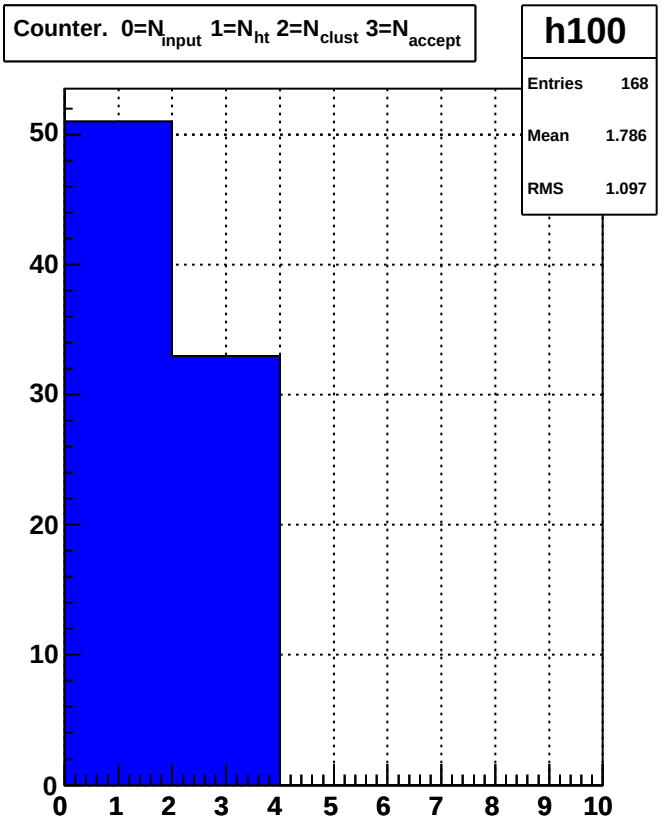
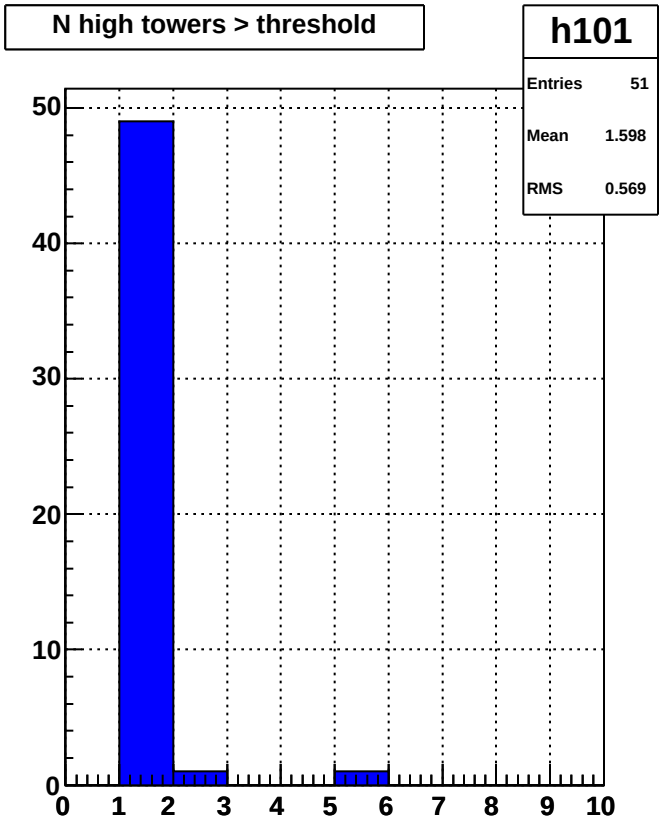
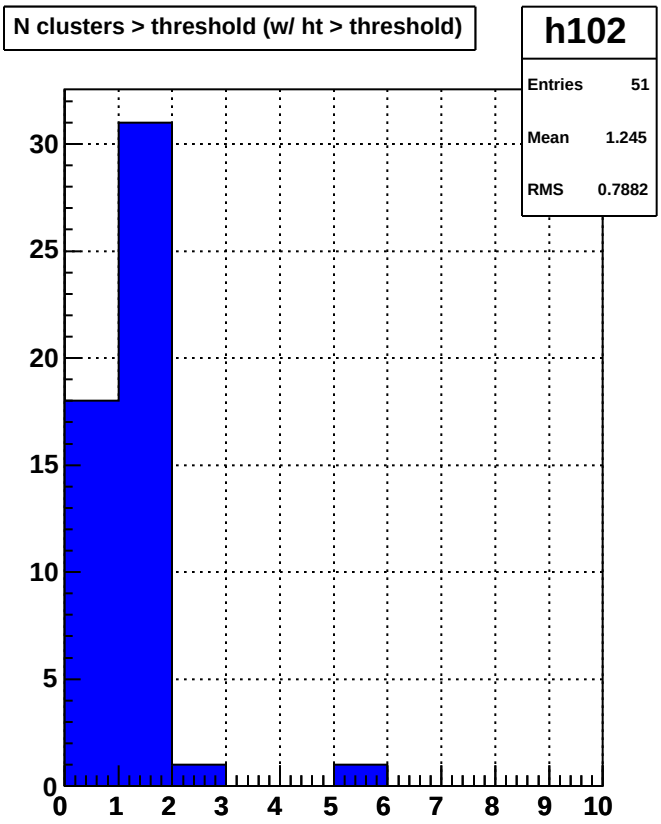
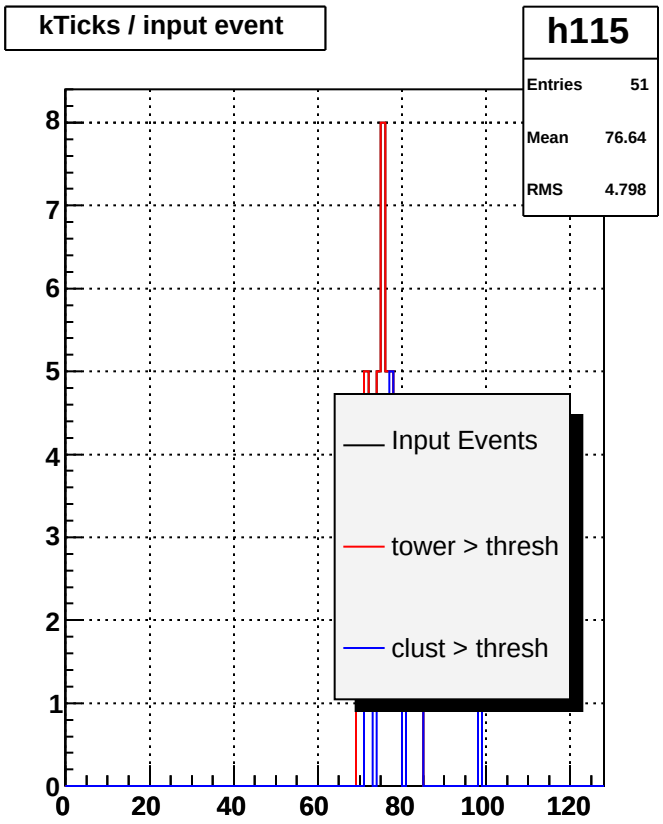
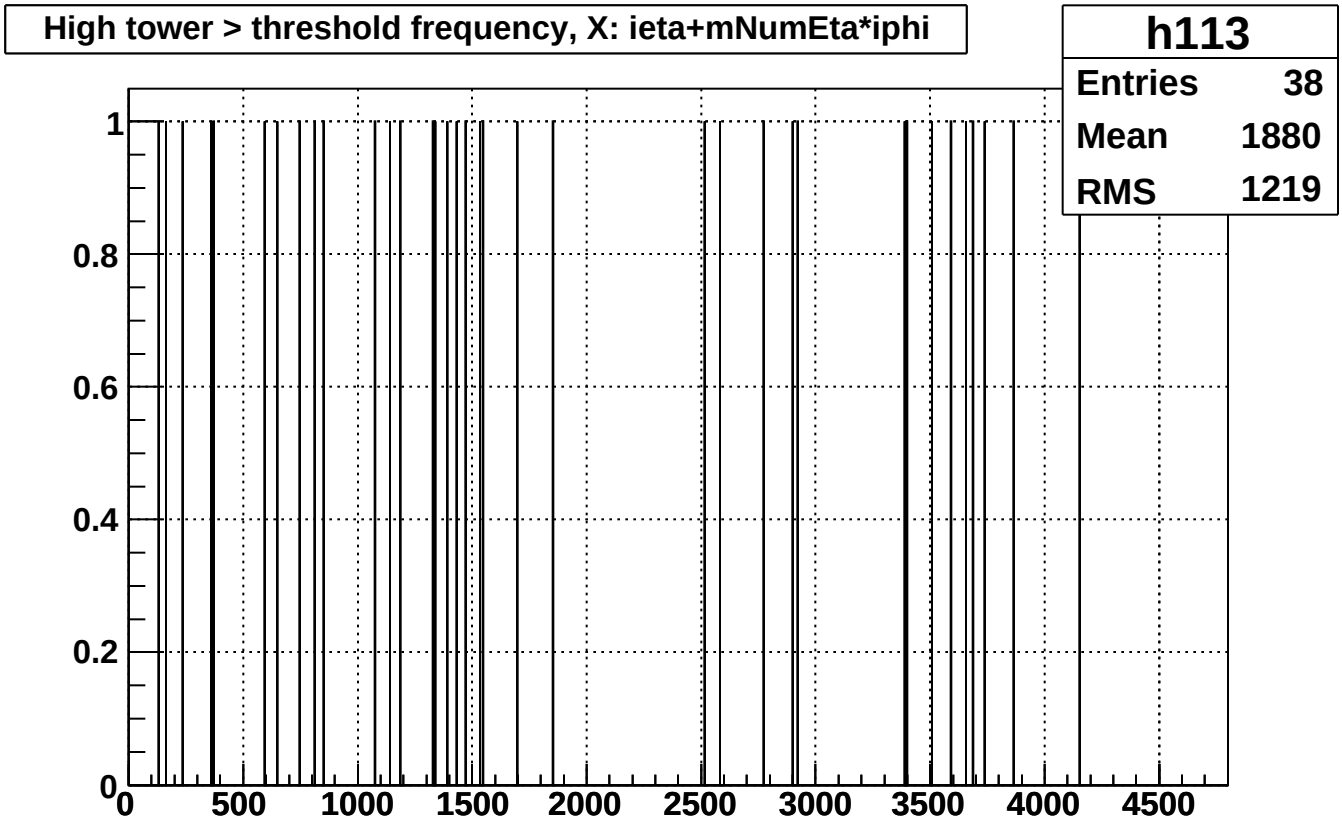
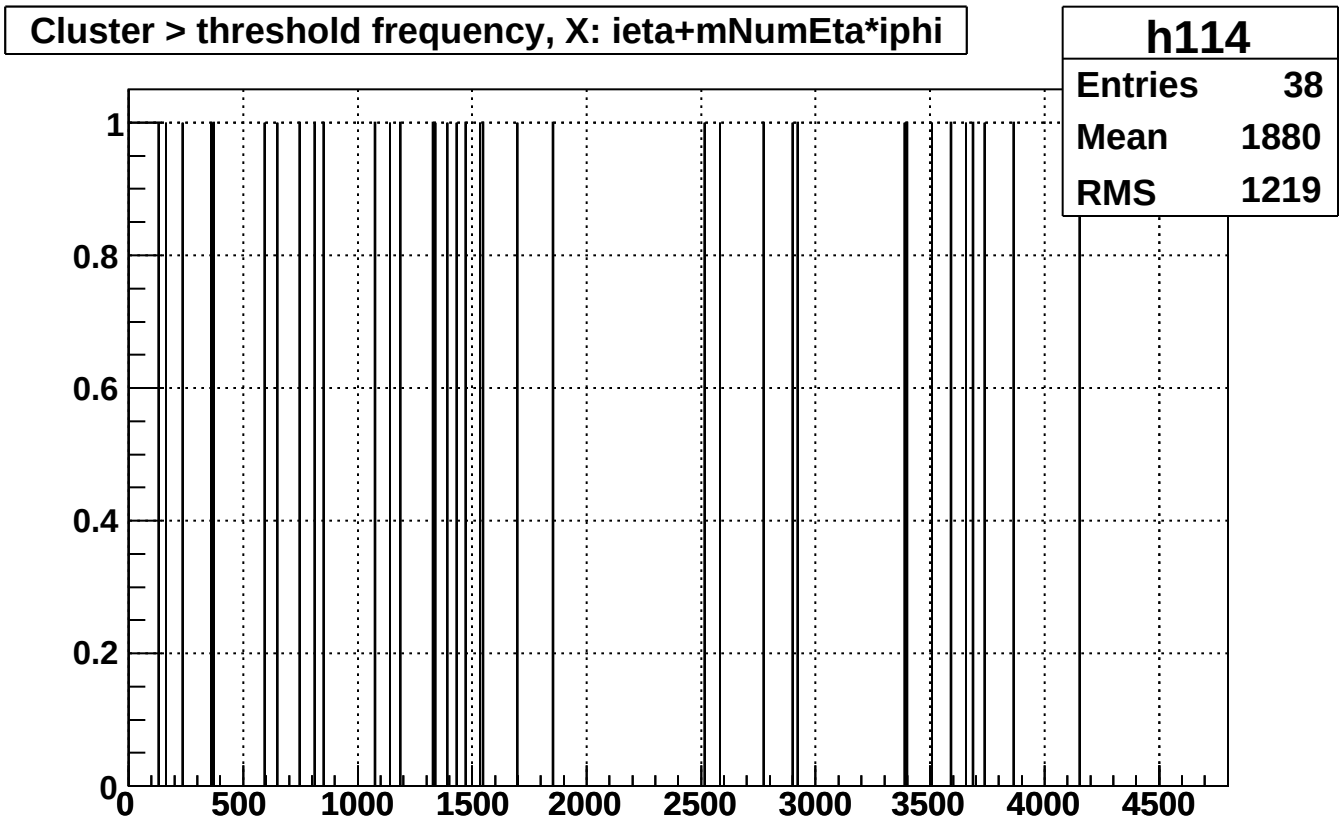

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 168
Mean 1.786
RMS 1.097

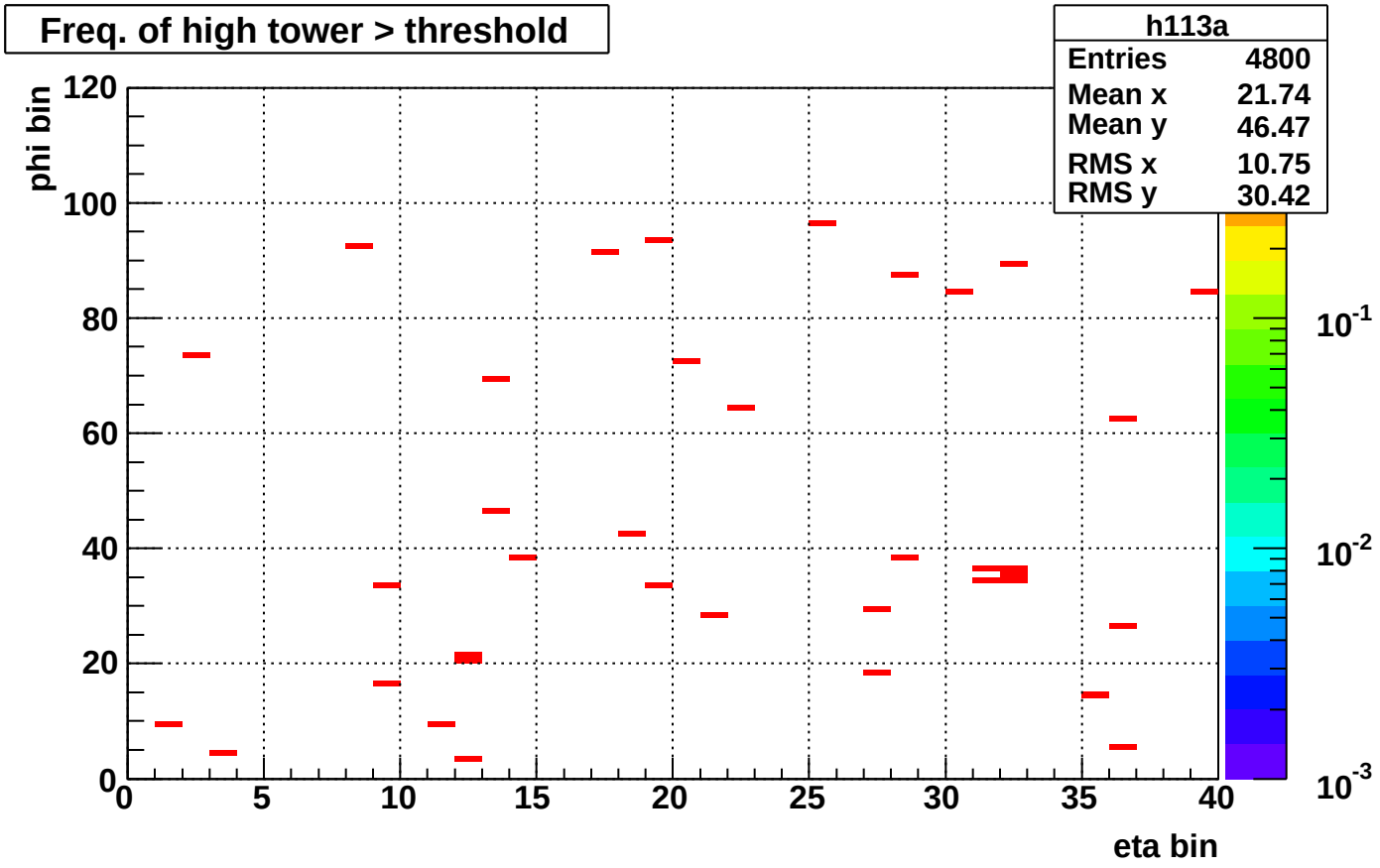

N high towers > threshold
h101
Entries 51
Mean 1.598
RMS 0.569

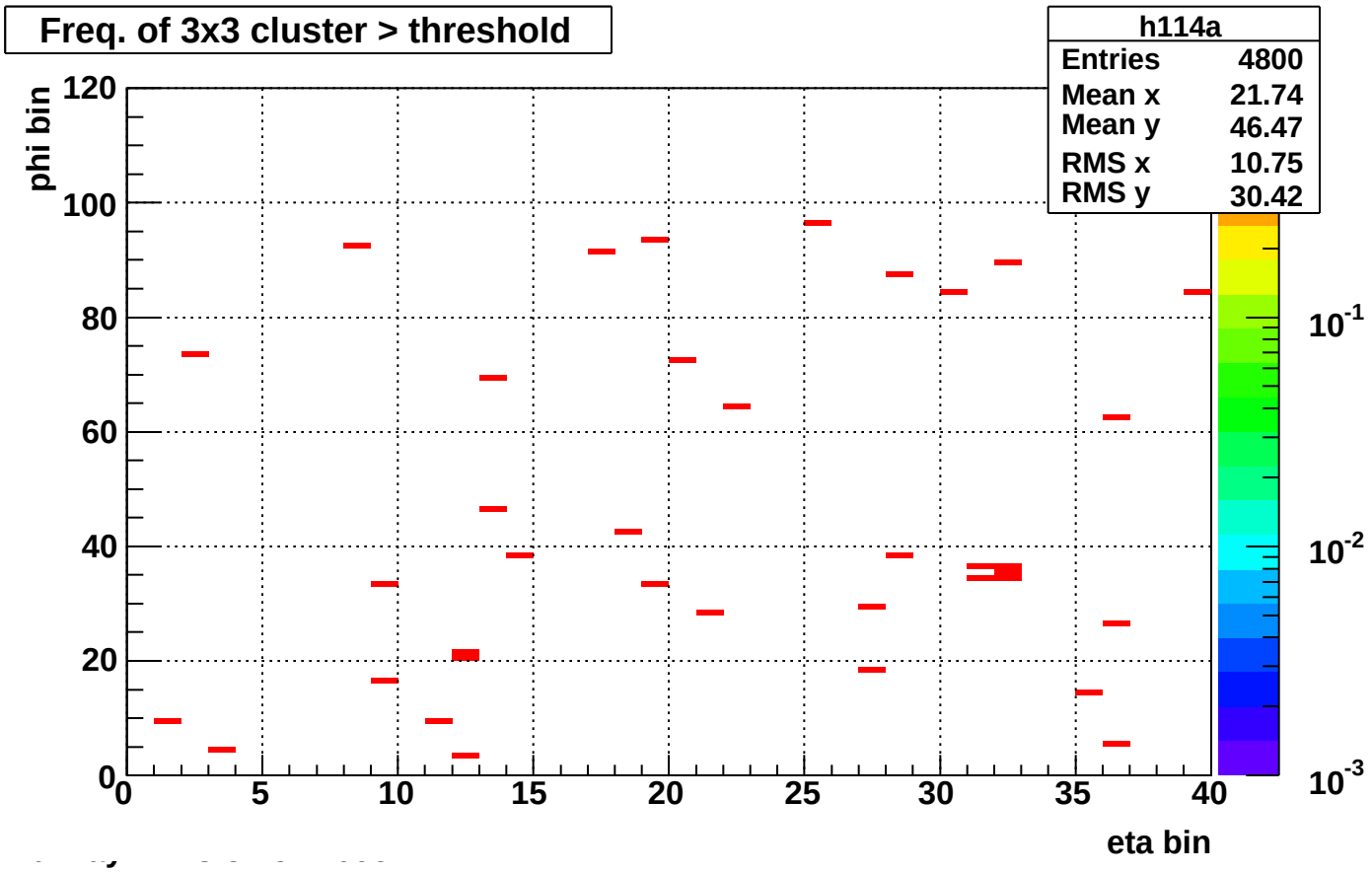

N clusters > threshold (w/ ht > threshold)
h102
Entries 51
Mean 1.245
RMS 0.7882

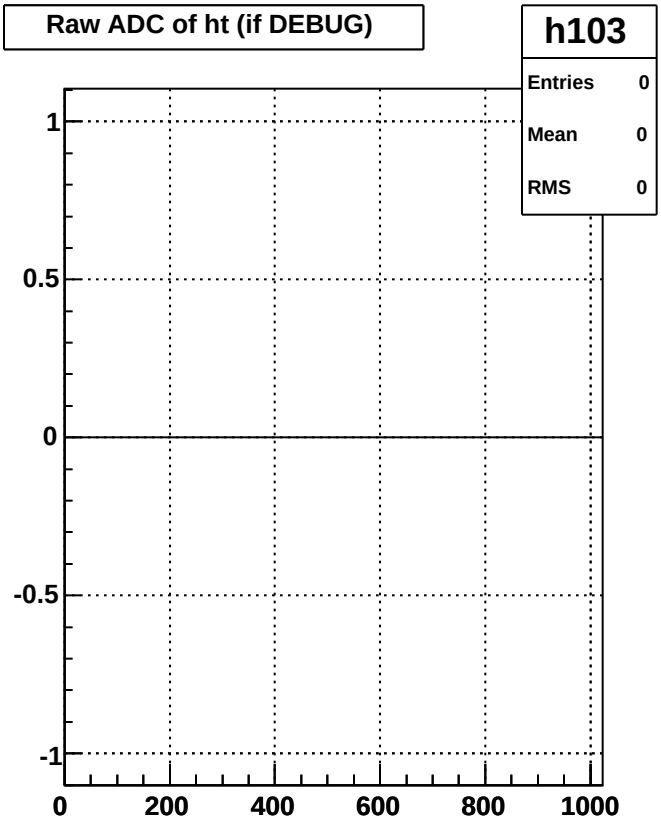

kTicks / input event
h115
Entries 51
Mean 76.64
RMS 4.798
Input Events
tower > thresh
clust > thresh

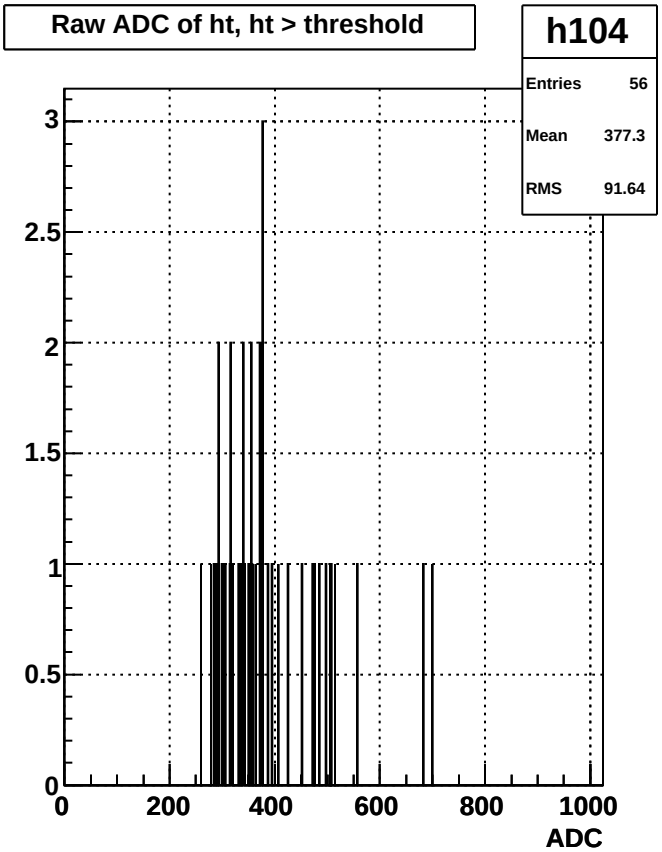

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 38
Mean 1880
RMS 1219
1
0.8
0.6
0.4
0.2
0
0
500
1000
1500
2000
2500
3000
3500
4000
4500

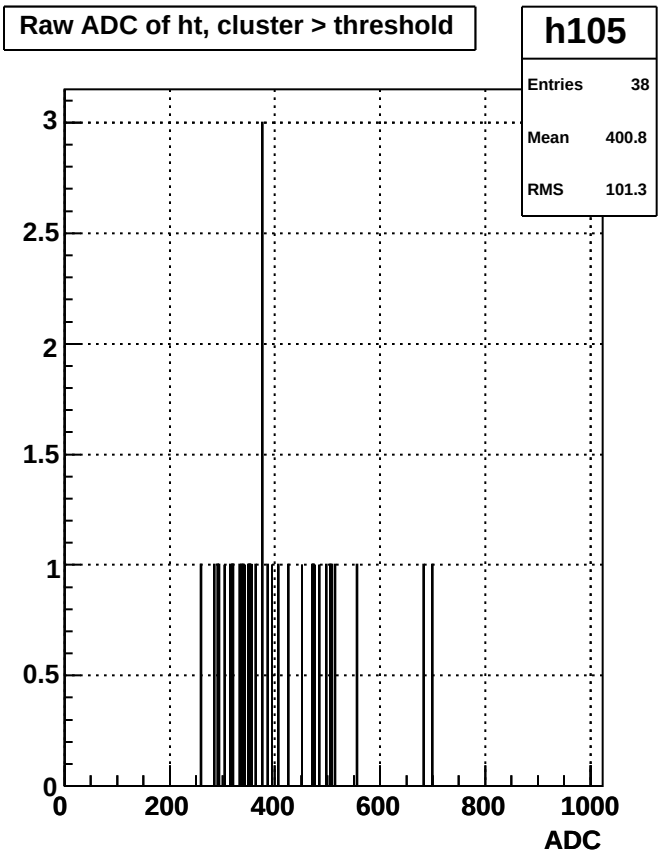

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 38
Mean 1880
RMS 1219
1
0.8
0.6
0.4
0.2
0
0
500
1000
1500
2000
2500
3000
3500
4000
4500

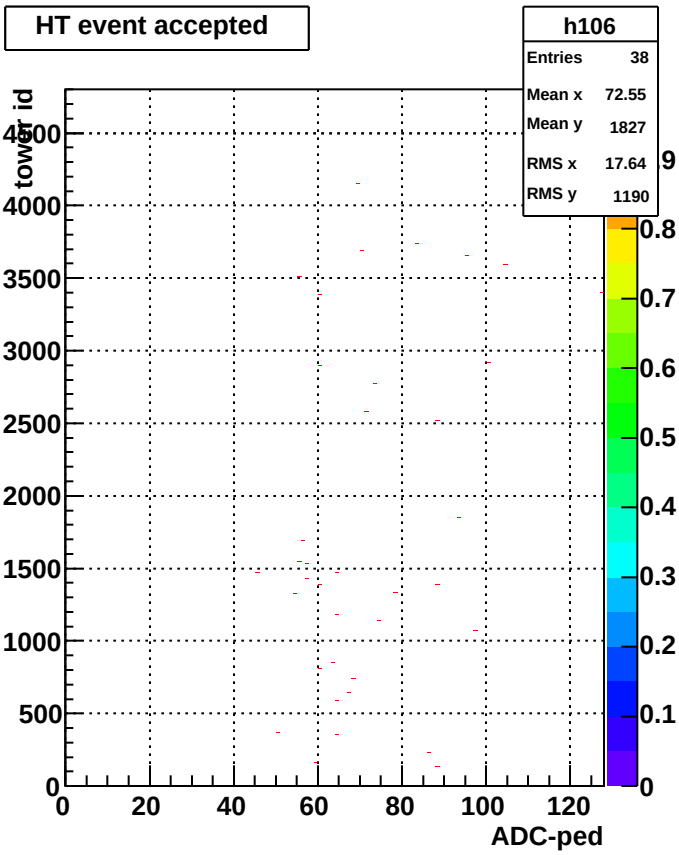

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 21.74
Mean y 46.47
RMS x 10.75
RMS y 30.42
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
10^{-1}
10^{-2}
10^{-3}

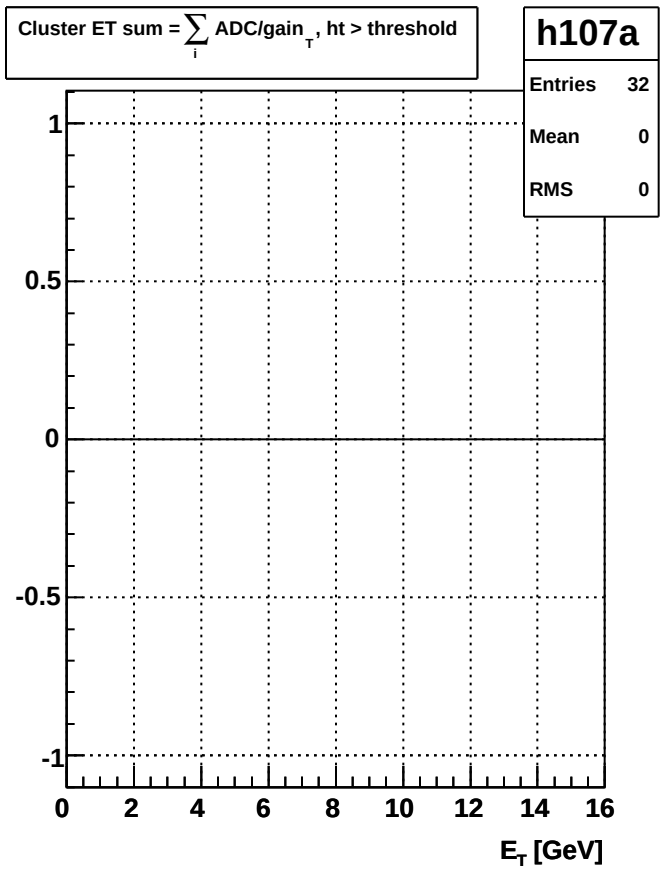

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 21.74
Mean y 46.47
RMS x 10.75
RMS y 30.42
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
10^{-1}
10^{-2}
10^{-3}

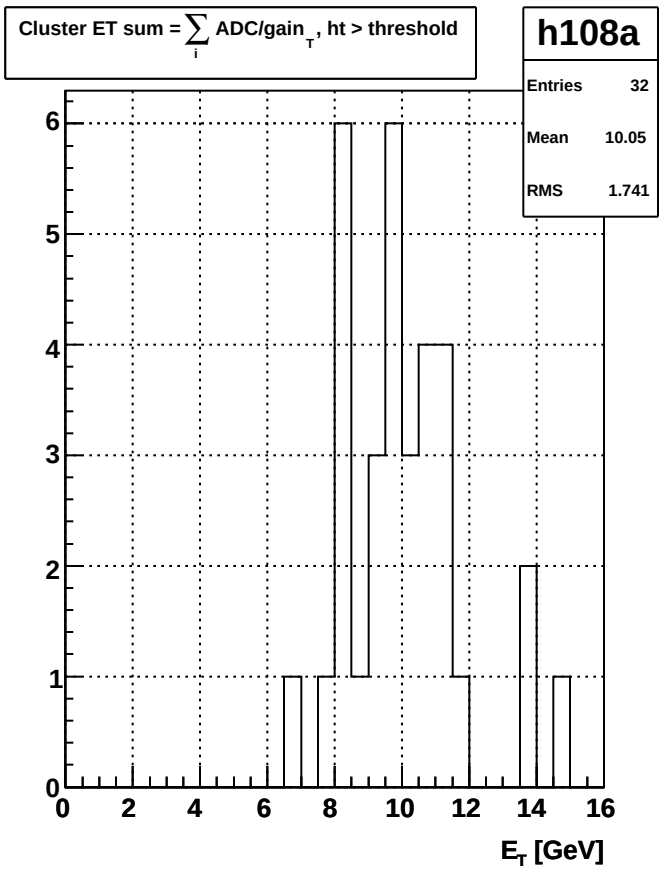

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

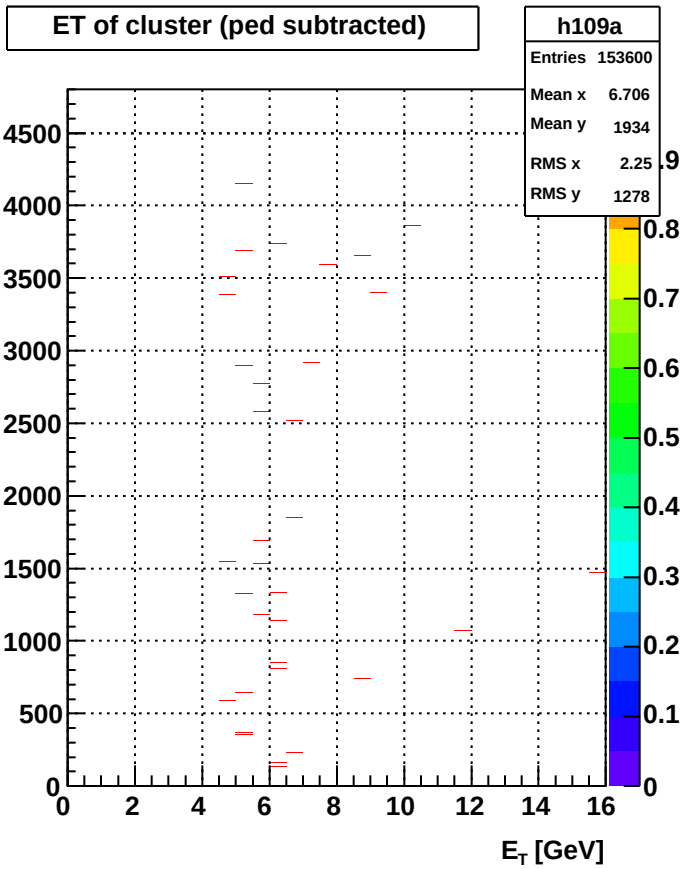

Raw ADC of ht, ht > threshold
h104
Entries 56
Mean 377.3
RMS 91.64
3
2.5
2
1.5
1
0.5
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 38
Mean 400.8
RMS 101.3
3
2.5
2
1.5
1
0.5
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 38
Mean x 72.55
Mean y 1827
RMS x 17.64
RMS y 1190
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
ADC-ped
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
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 10.05
RMS 1.741
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 6.706
Mean y 1934
RMS x 2.25
RMS y 1278
E_T [GeV]