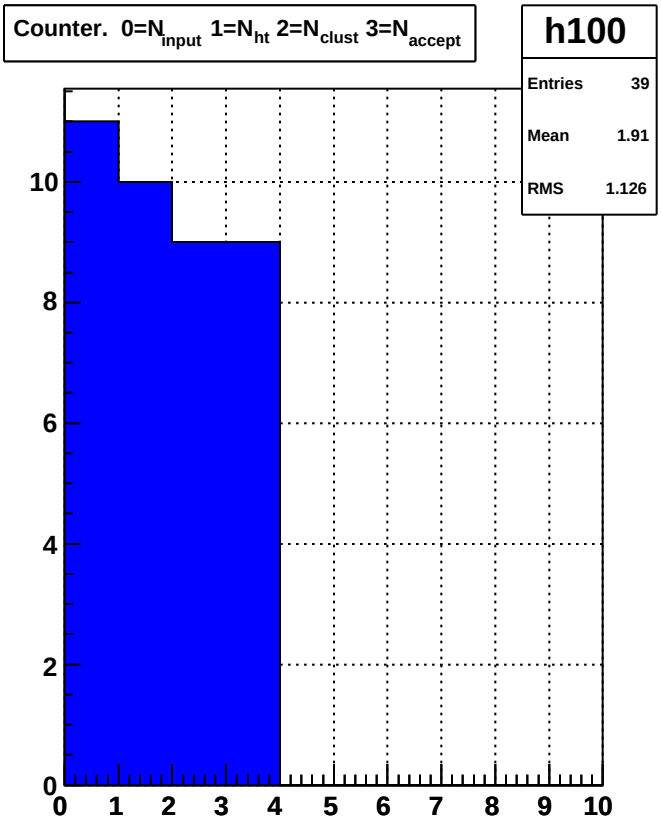
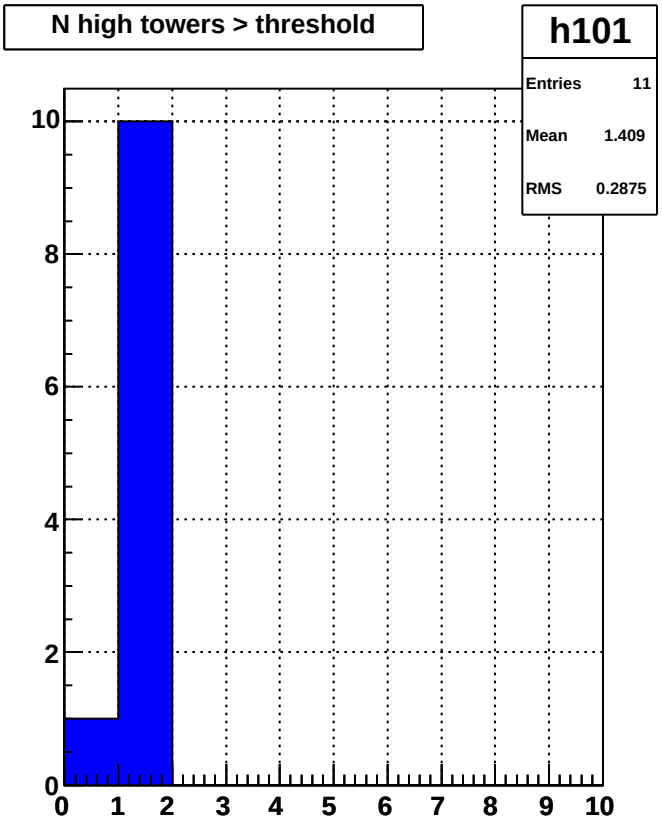
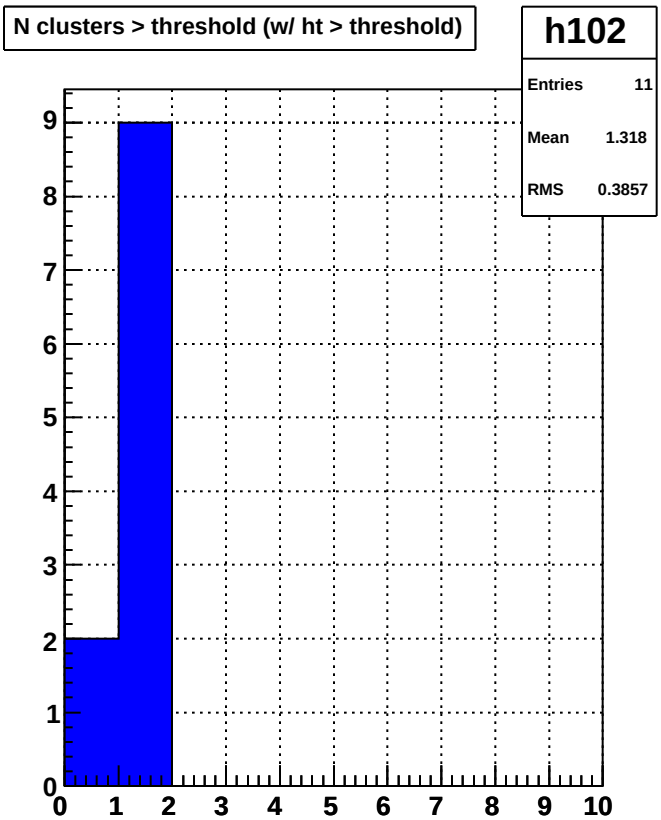
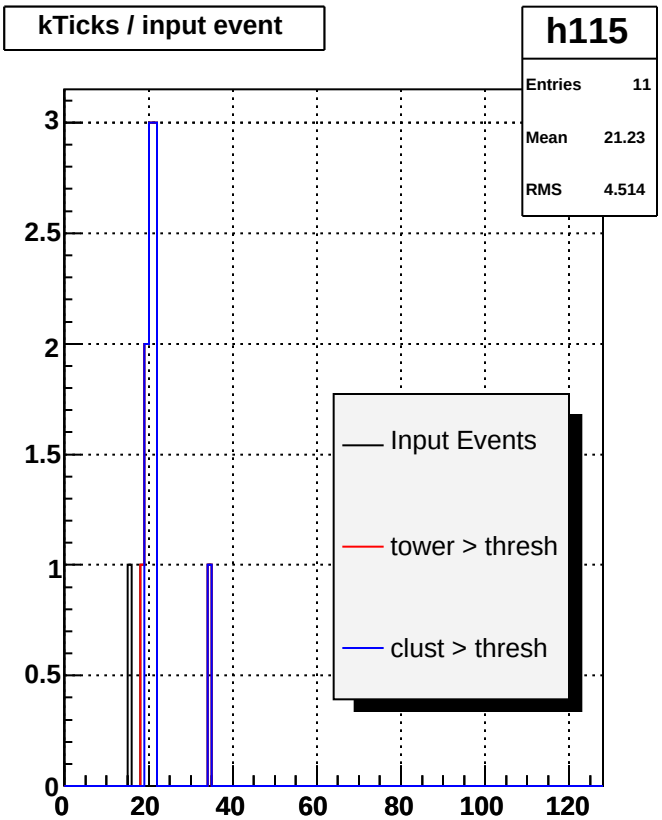
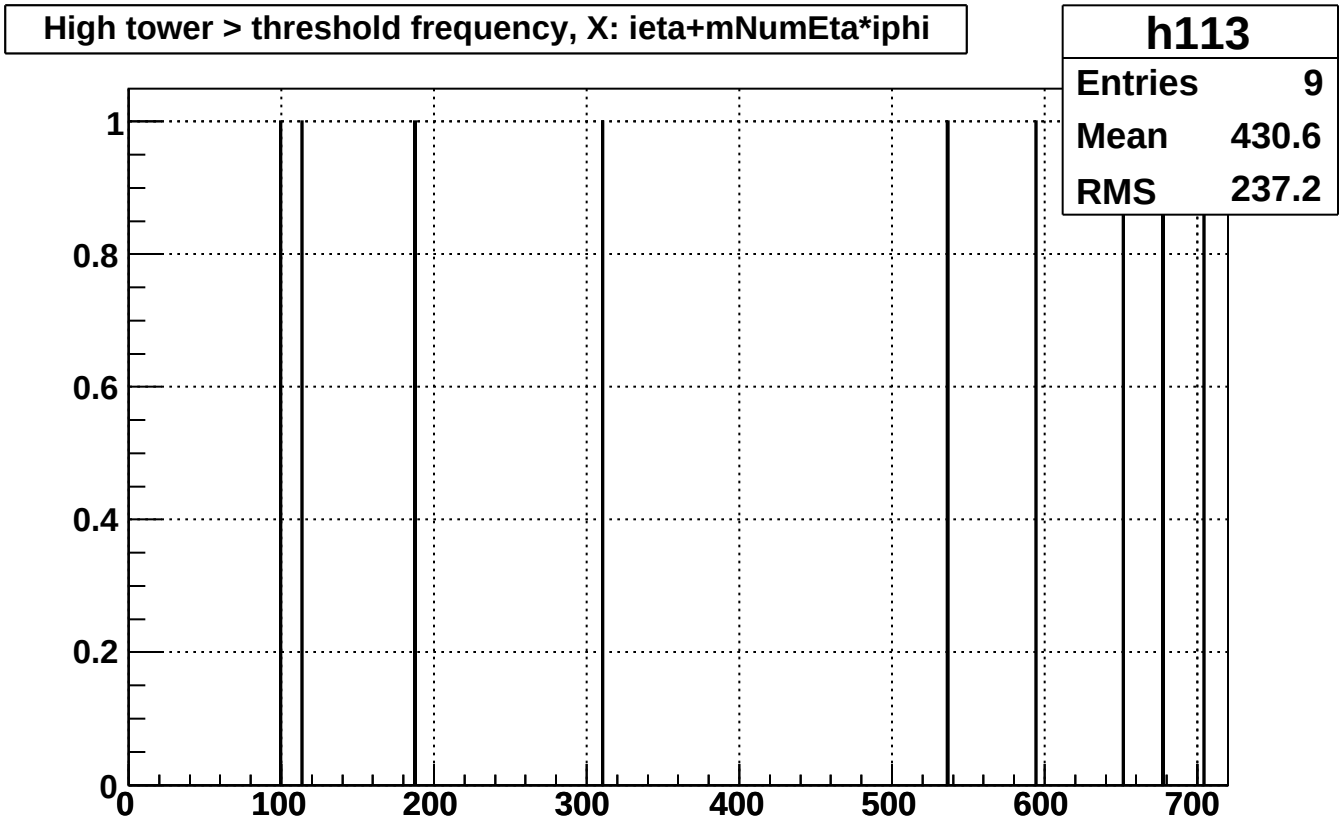
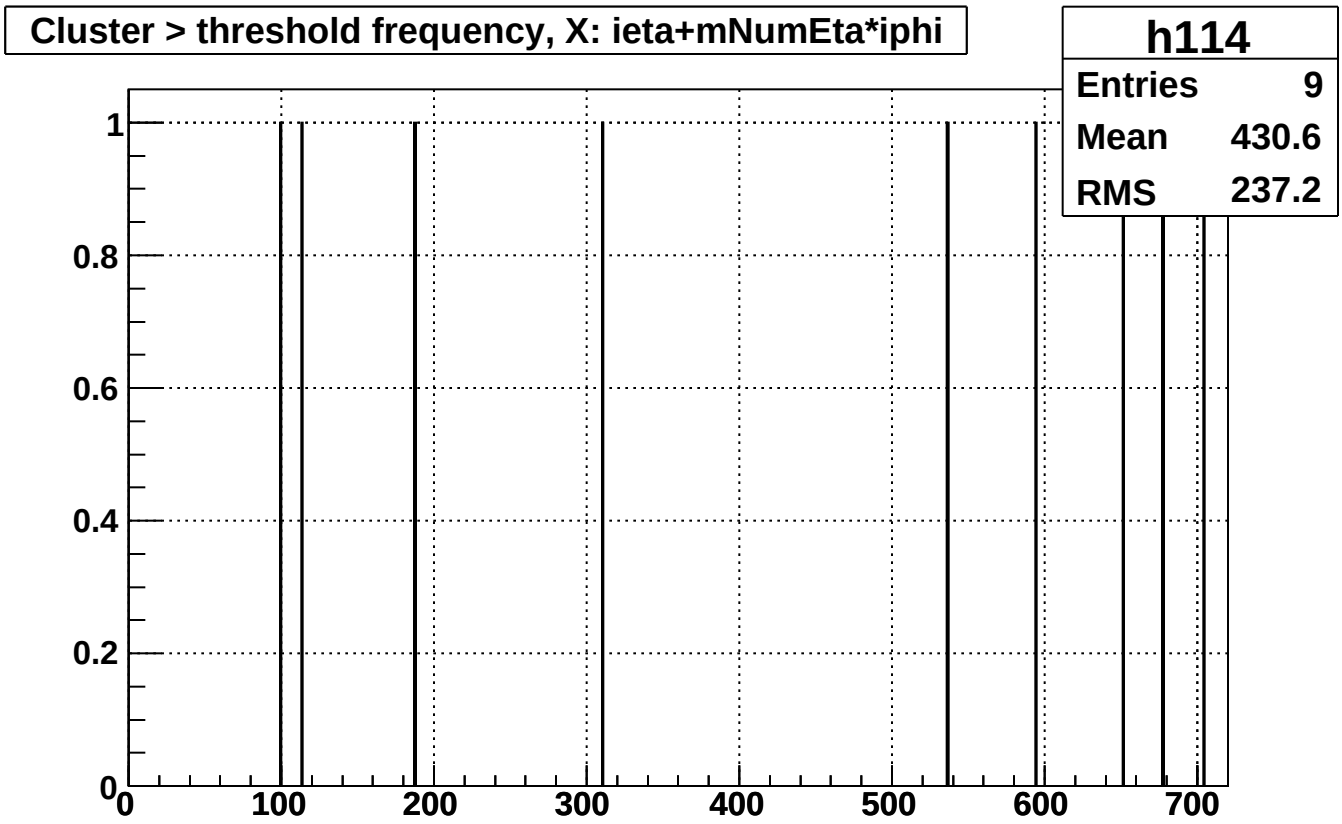

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 39
Mean 1.91
RMS 1.126

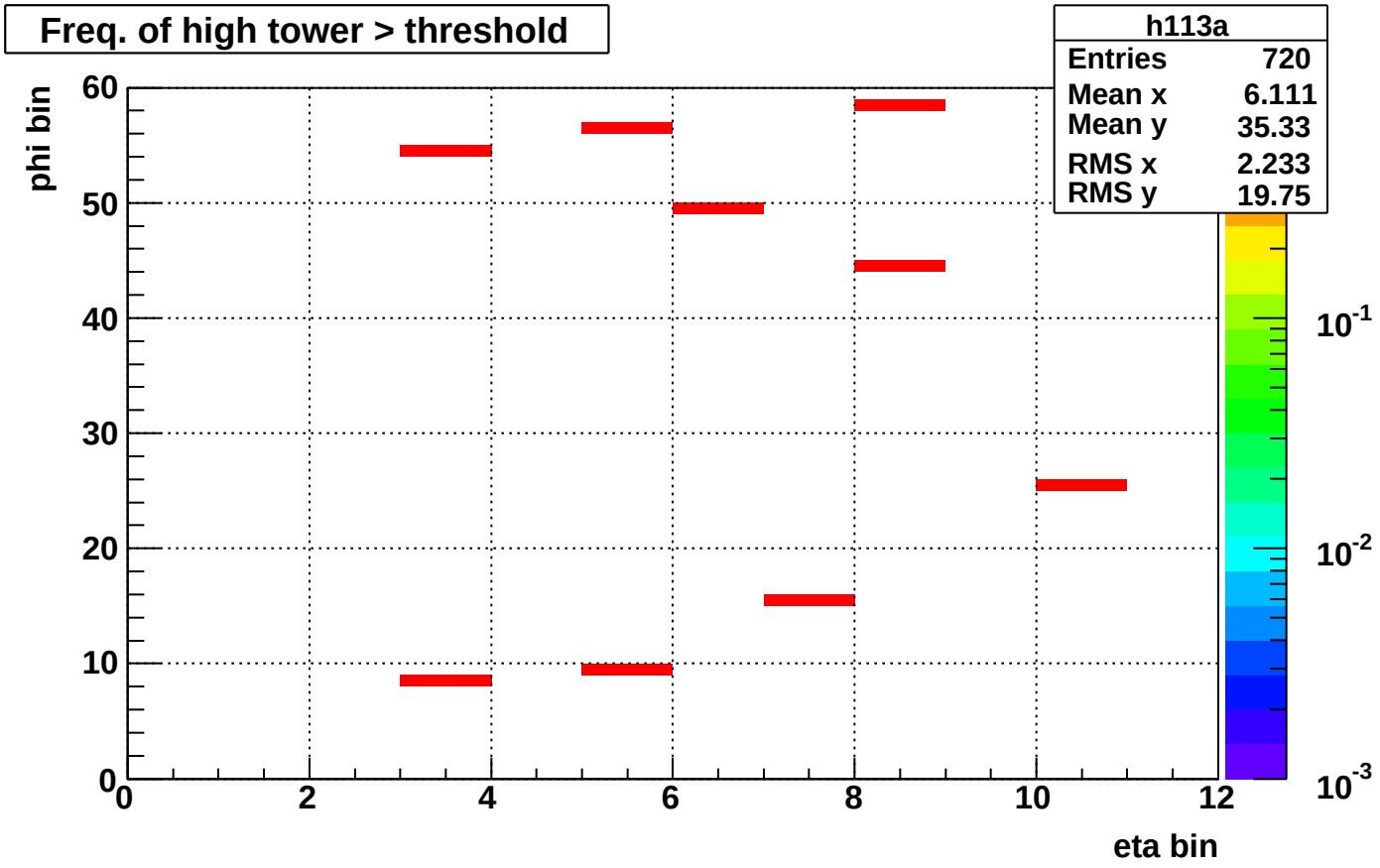

N high towers > threshold
h101
Entries 11
Mean 1.409
RMS 0.2875

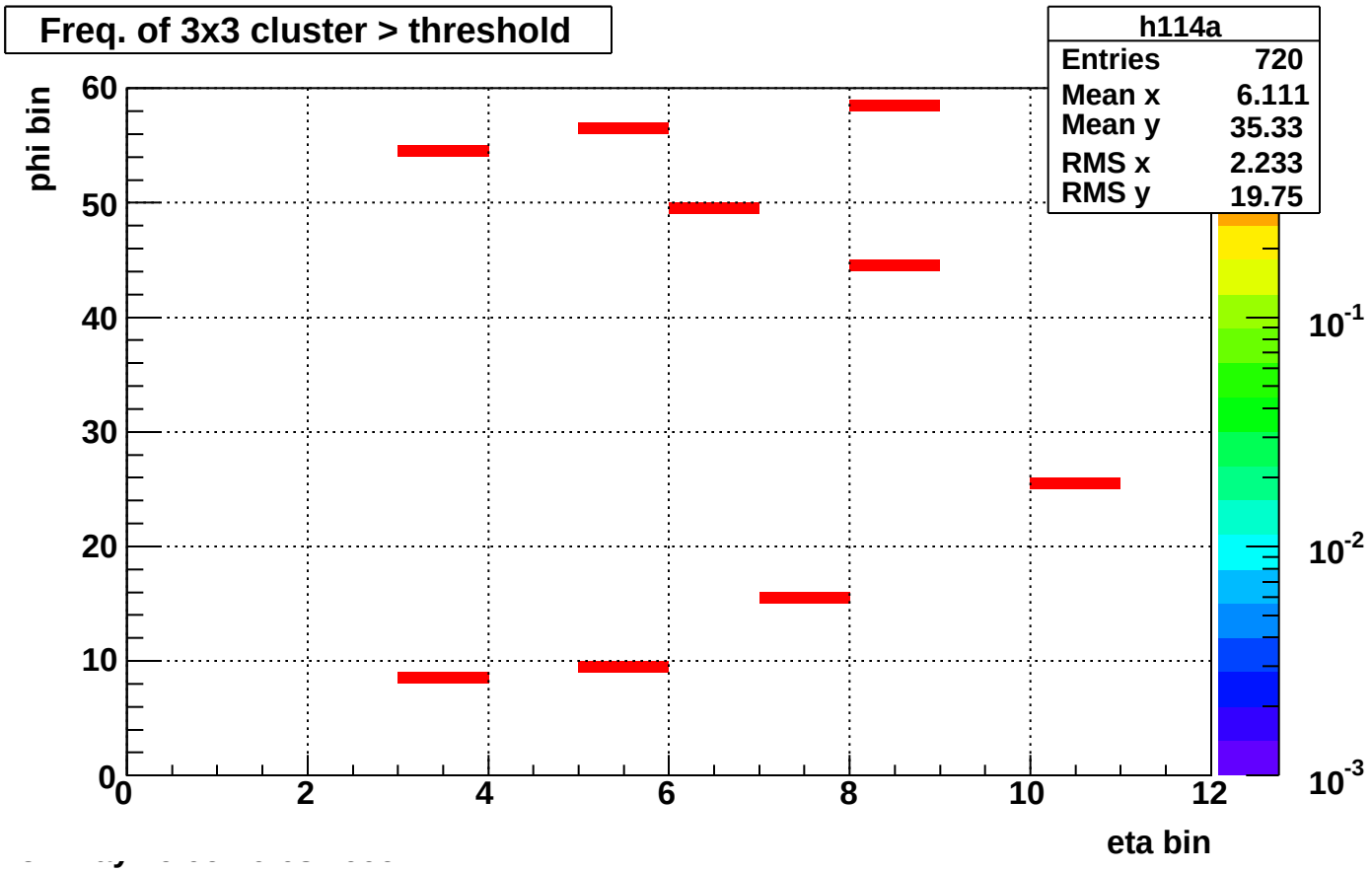

N clusters > threshold (w/ ht > threshold)
h102
Entries 11
Mean 1.318
RMS 0.3857

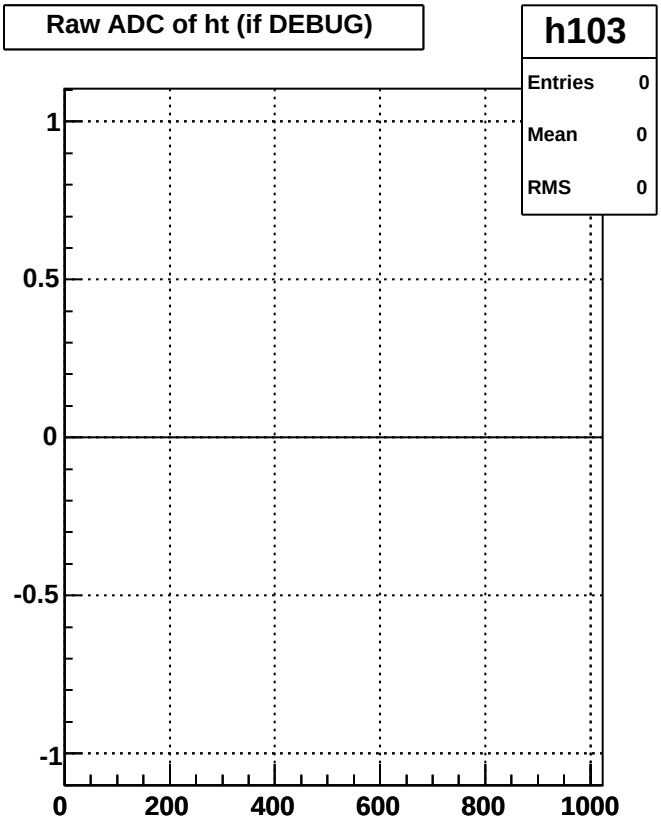

kTicks / input event
h115
Entries 11
Mean 21.23
RMS 4.514
Input Events
tower > thresh
clust > thresh

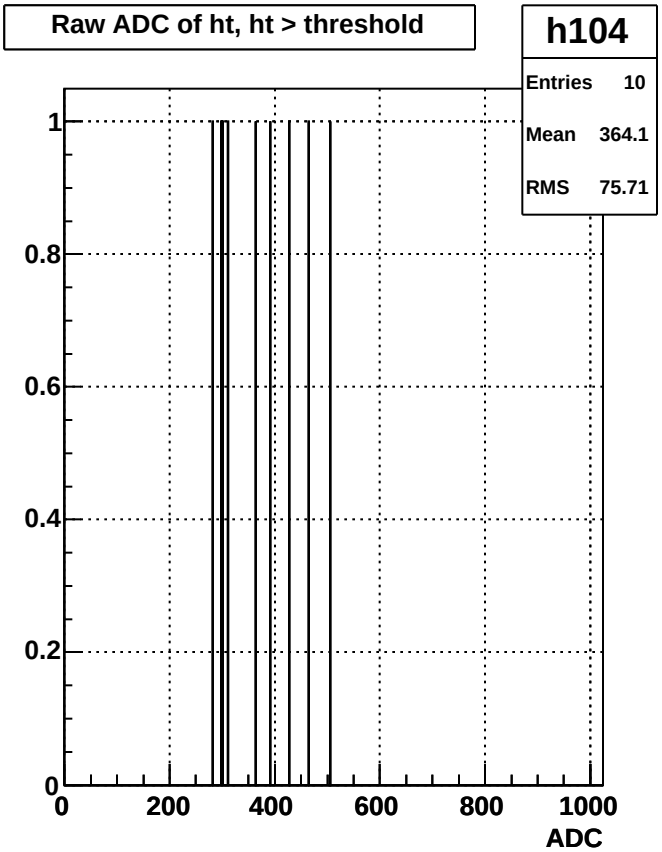

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 9
Mean 430.6
RMS 237.2
1
0.8
0.6
0.4
0.2
0
0
100
200
300
400
500
600
700

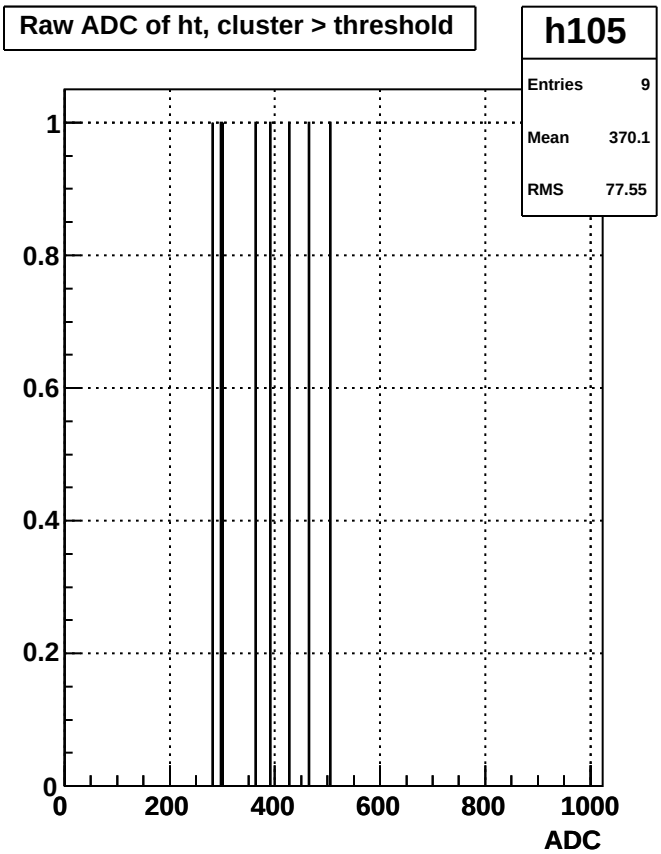

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 9
Mean 430.6
RMS 237.2
1
0.8
0.6
0.4
0.2
0
0
100
200
300
400
500
600
700

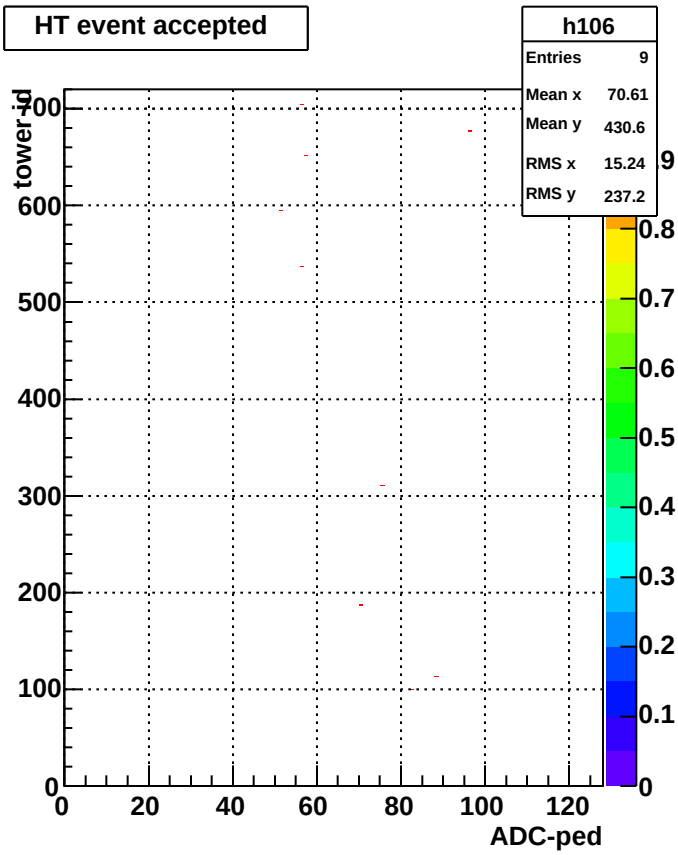

Freq. of high tower > threshold
h113a
Entries 720
Mean x 6.111
Mean y 35.33
RMS x 2.233
RMS y 19.75
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
10^{-1}
10^{-2}
10^{-3}

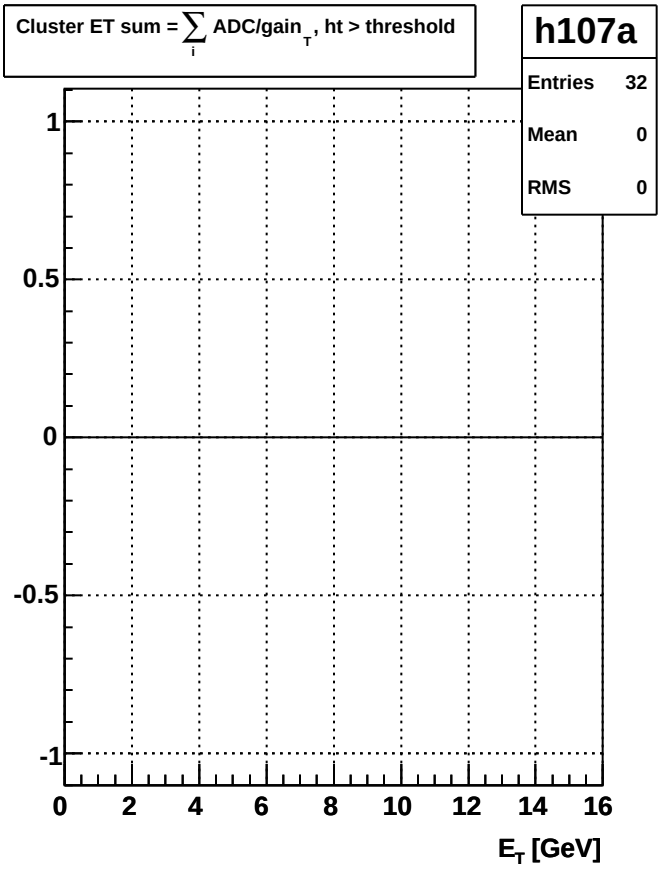

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 6.111
Mean y 35.33
RMS x 2.233
RMS y 19.75
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
10^{-1}
10^{-2}
10^{-3}

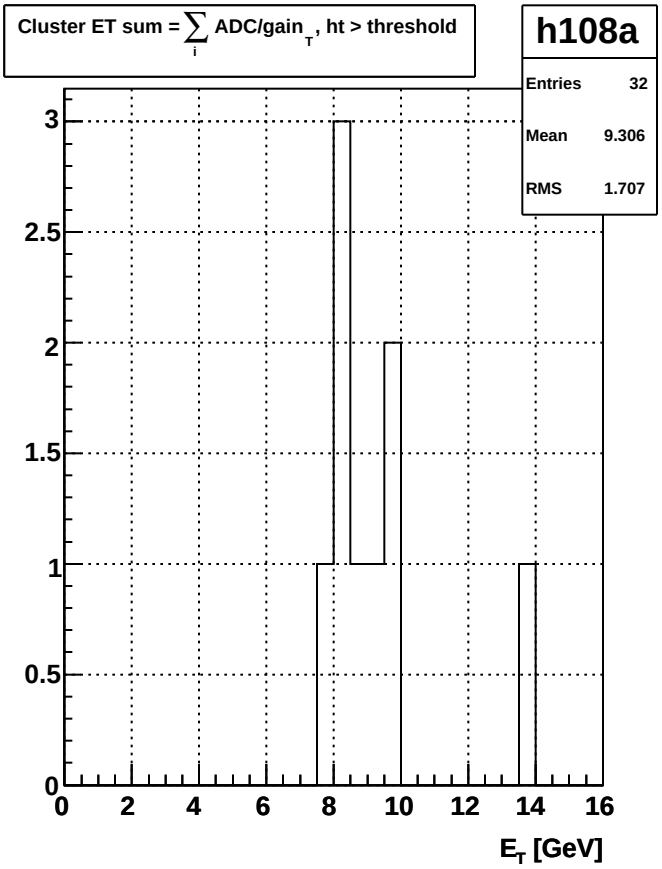

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

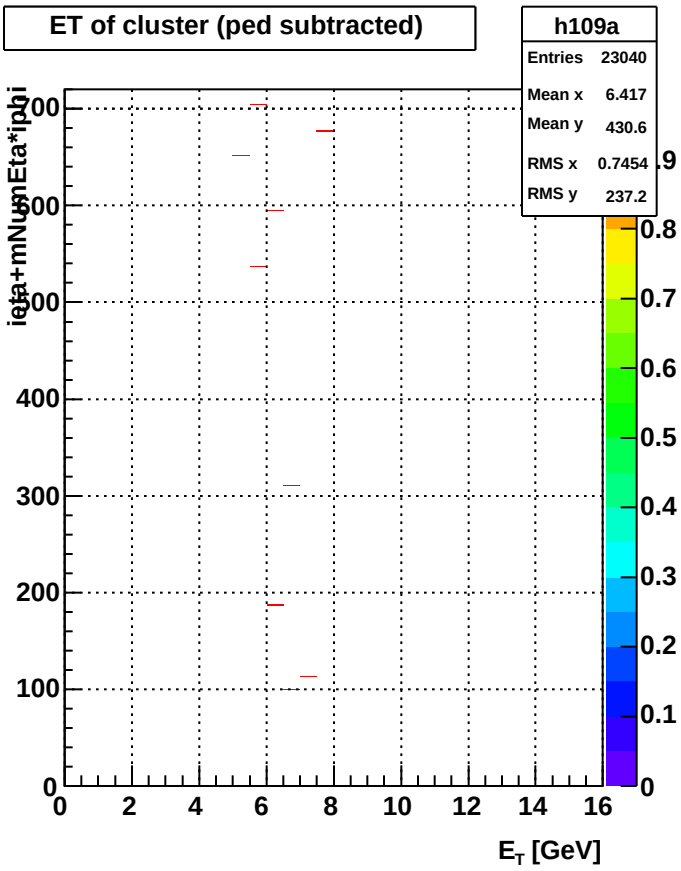

Raw ADC of ht, ht > threshold
h104
Entries 10
Mean 364.1
RMS 75.71
1
0.8
0.6
0.4
0.2
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 9
Mean 370.1
RMS 77.55
1
0.8
0.6
0.4
0.2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 9
Mean x 70.61
Mean y 430.6
RMS x 15.24
RMS y 237.2
tower id
700
600
500
400
300
200
100
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 9.306
RMS 1.707
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.417
Mean y 430.6
RMS x 0.7454
RMS y 237.2
ieta+mNumEta*iphi
E_T [GeV]