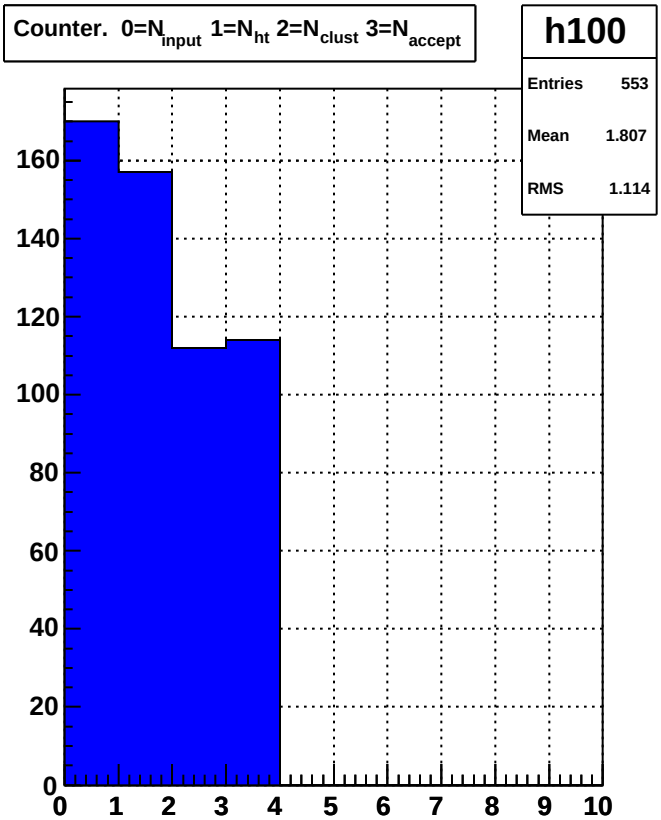
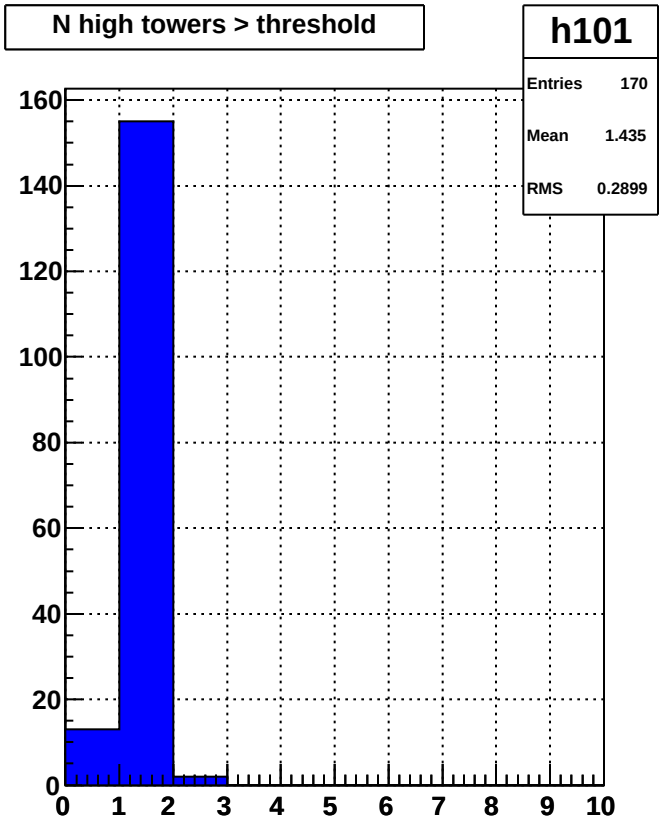
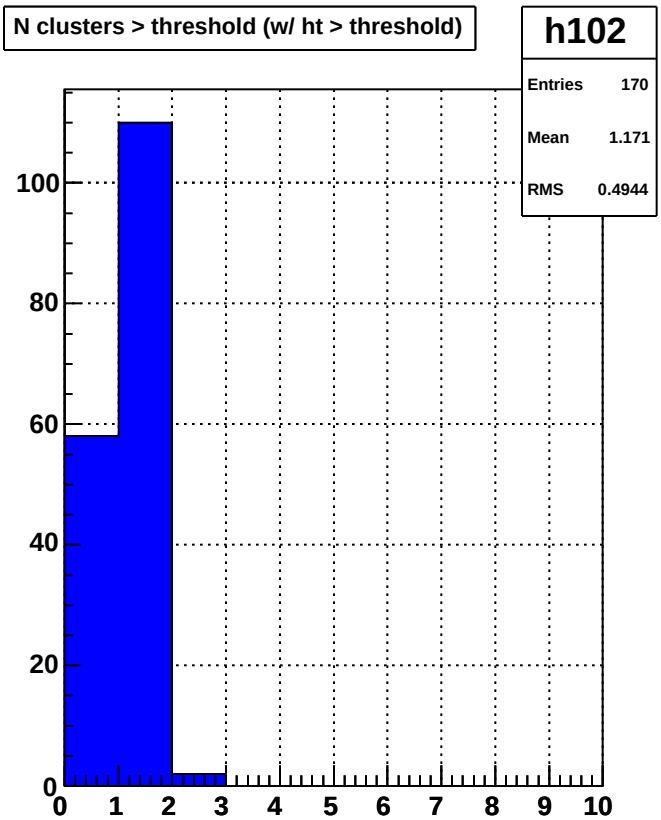
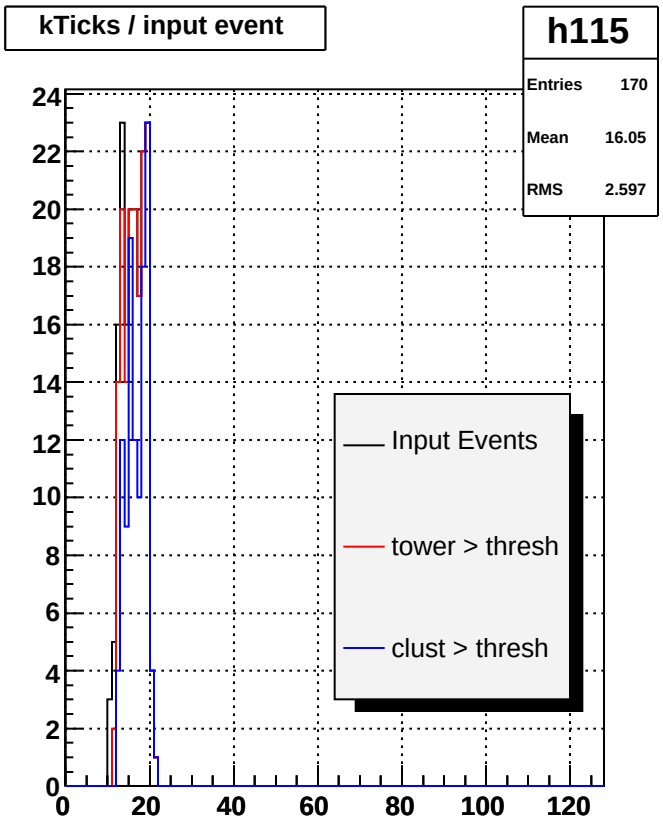
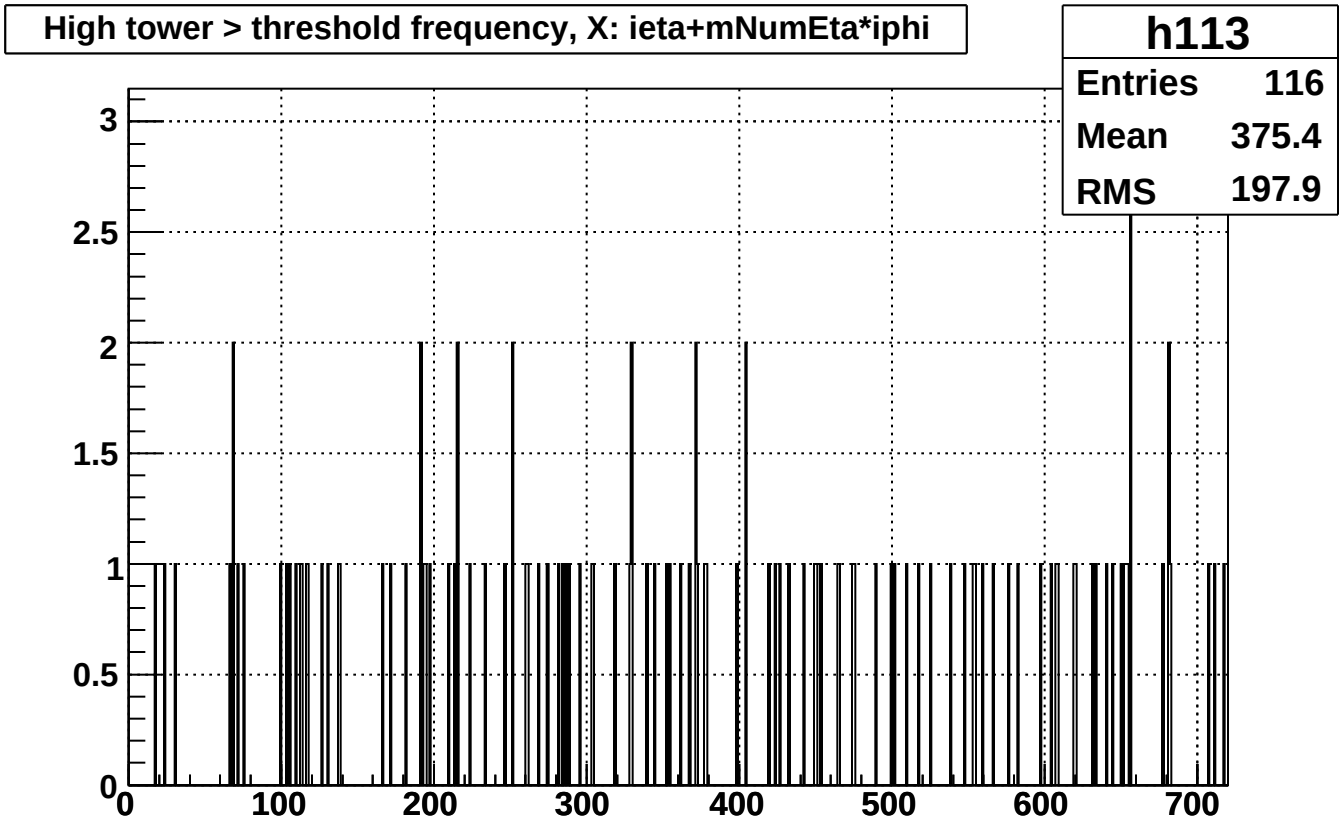
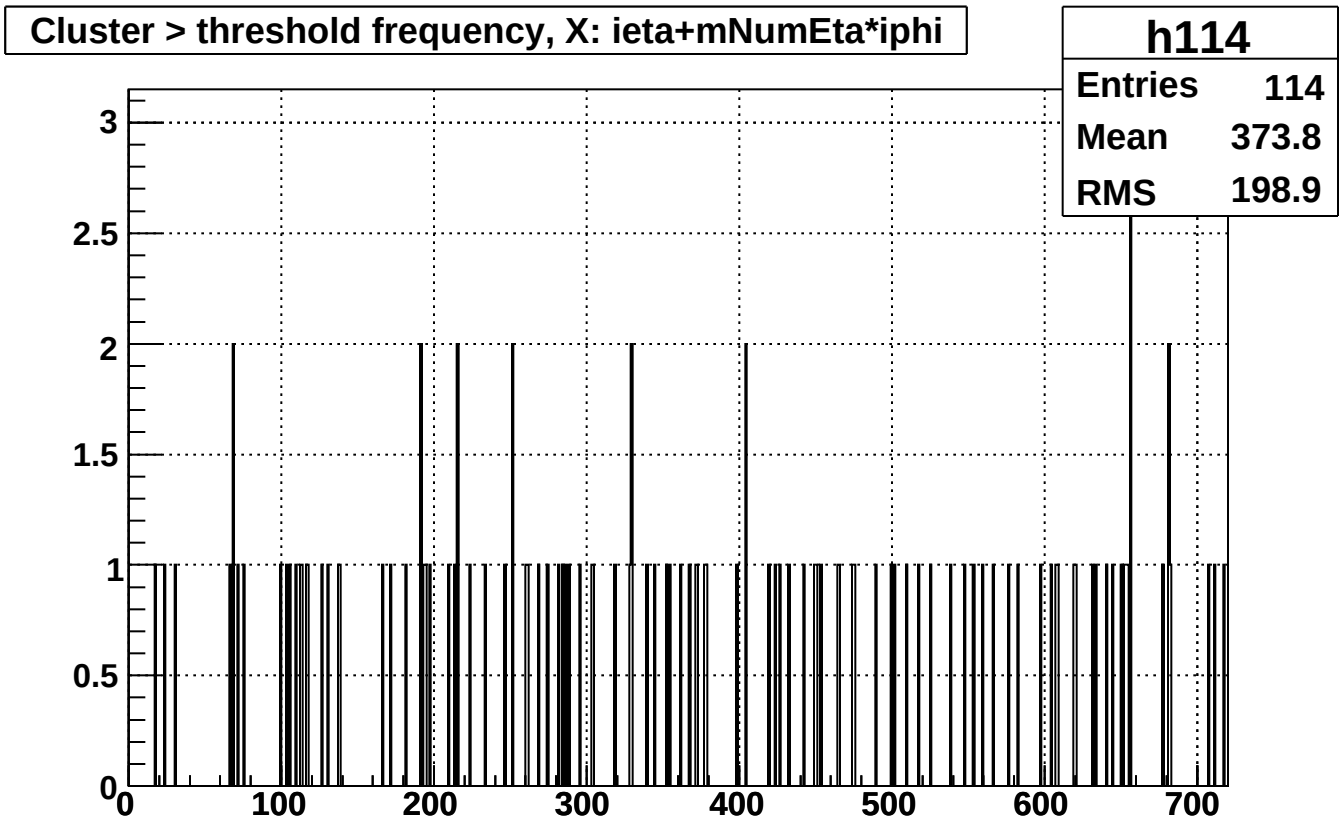

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 553
Mean 1.807
RMS 1.114

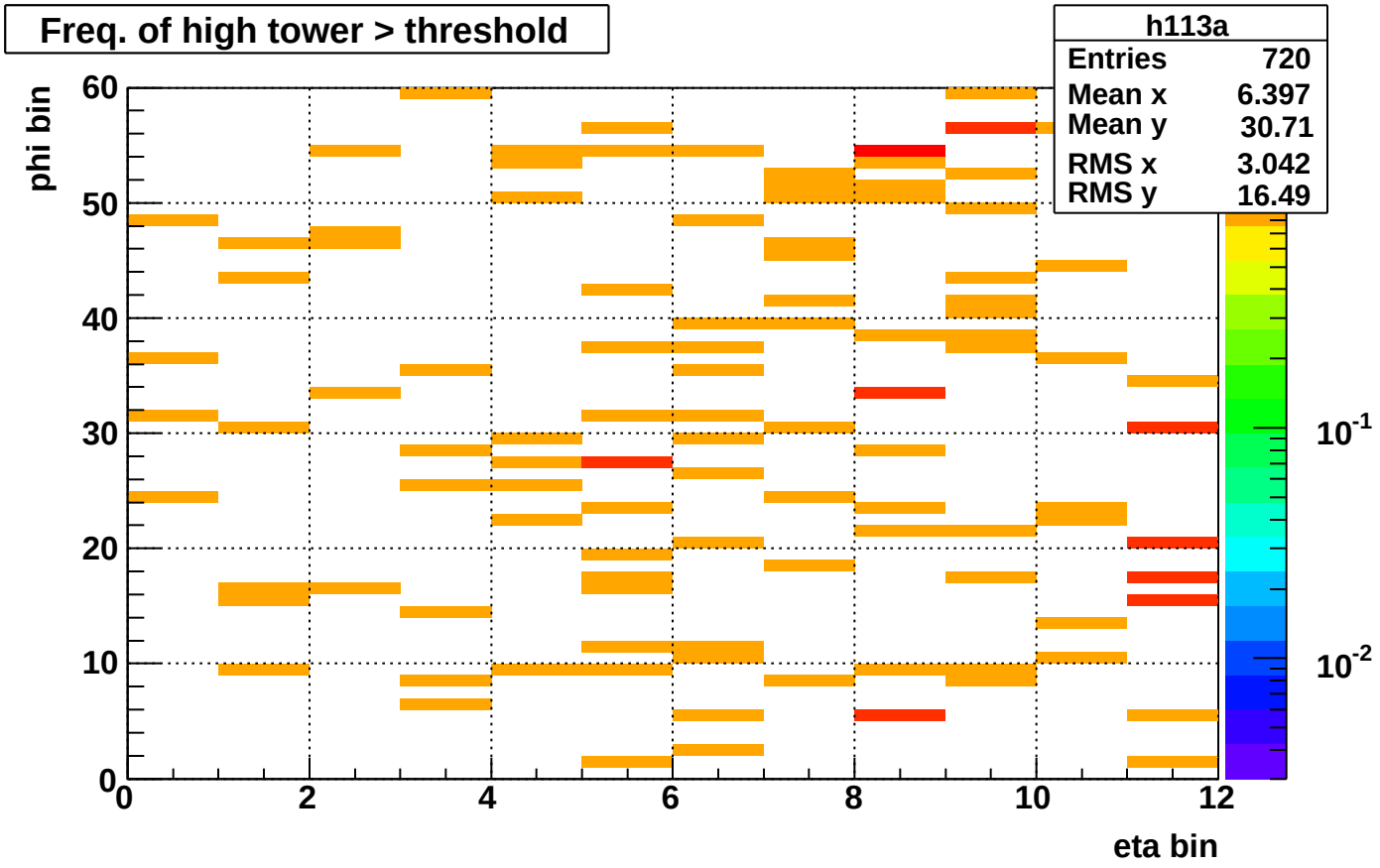

N high towers > threshold
h101
Entries 170
Mean 1.435
RMS 0.2899

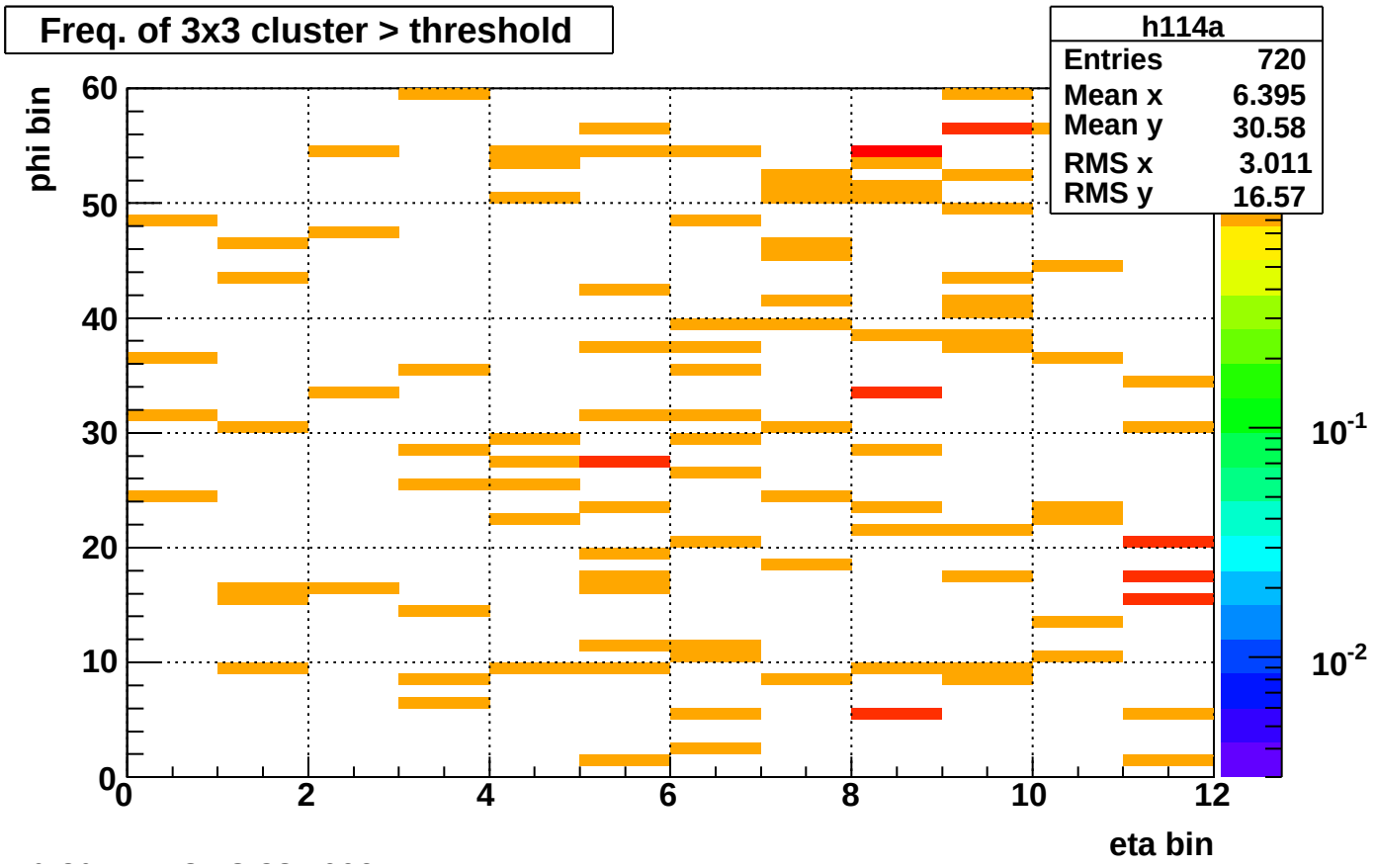

N clusters > threshold (w/ ht > threshold)
h102
Entries 170
Mean 1.171
RMS 0.4944

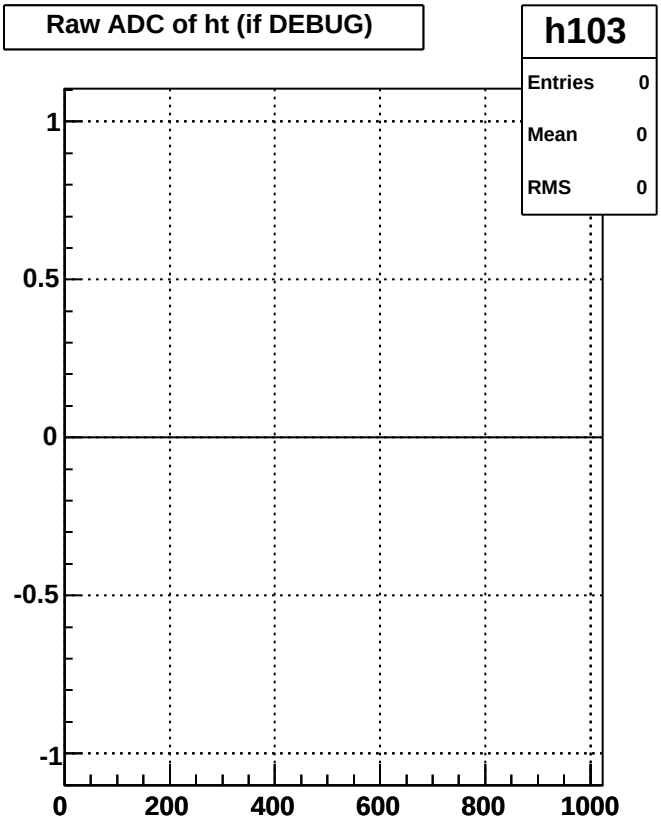

kTicks / input event
h115
Entries 170
Mean 16.05
RMS 2.597
Input Events
tower > thresh
clust > thresh

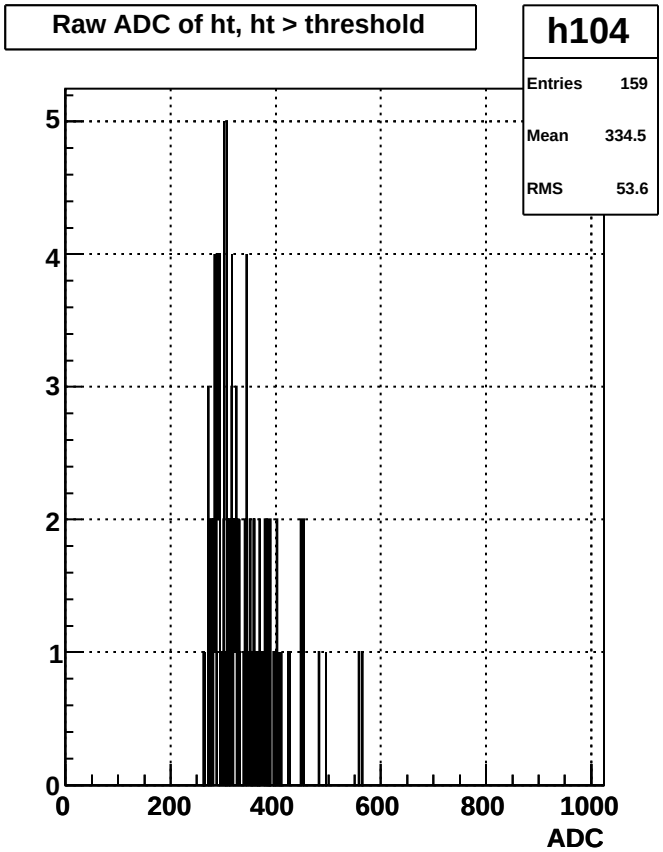

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 116
Mean 375.4
RMS 197.9
0
0.5
1
1.5
2
2.5
3
0
100
200
300
400
500
600
700

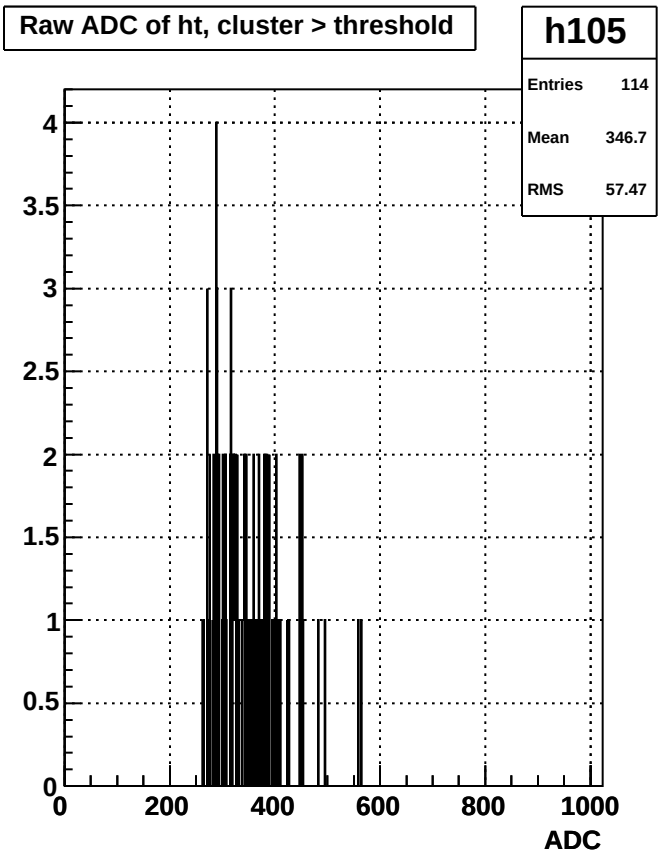

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 114
Mean 373.8
RMS 198.9
0
0.5
1
1.5
2
2.5
3
0
100
200
300
400
500
600
700

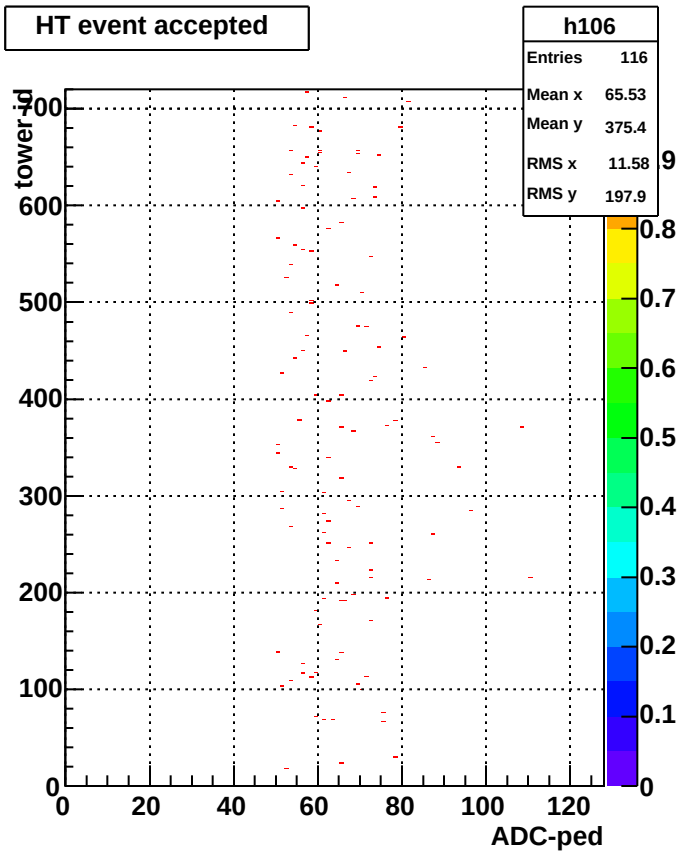

Freq. of high tower > threshold
h113a
Entries 720
Mean x 6.397
Mean y 30.71
RMS x 3.042
RMS y 16.49
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
10^{-1}
10^{-2}

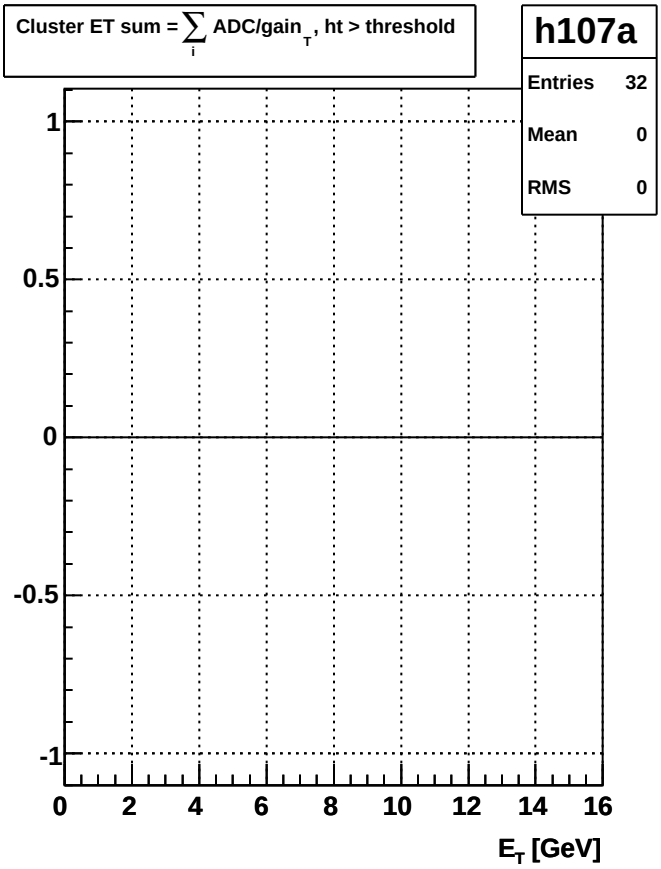

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 6.395
Mean y 30.58
RMS x 3.011
RMS y 16.57
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
10^{-1}
10^{-2}

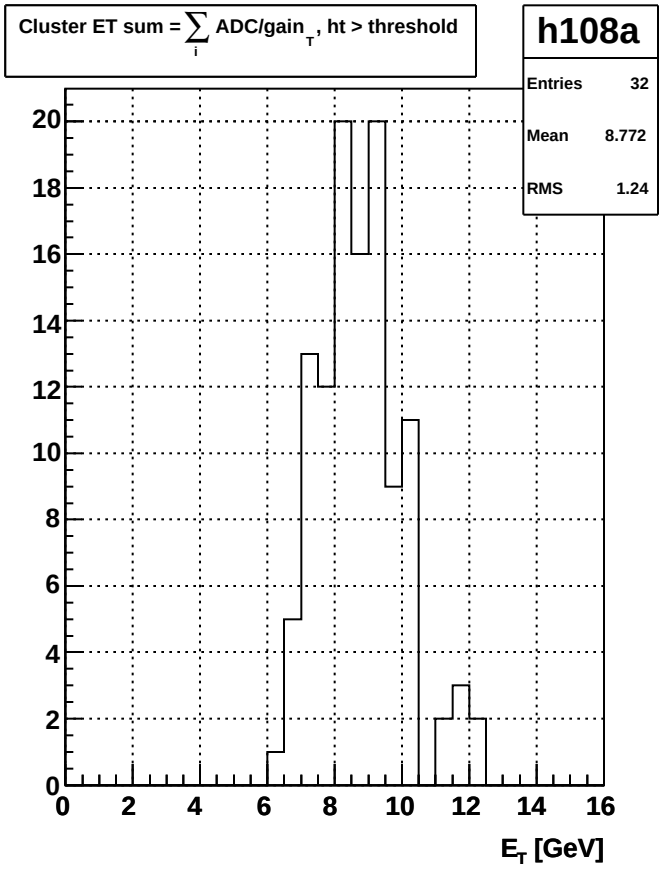

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

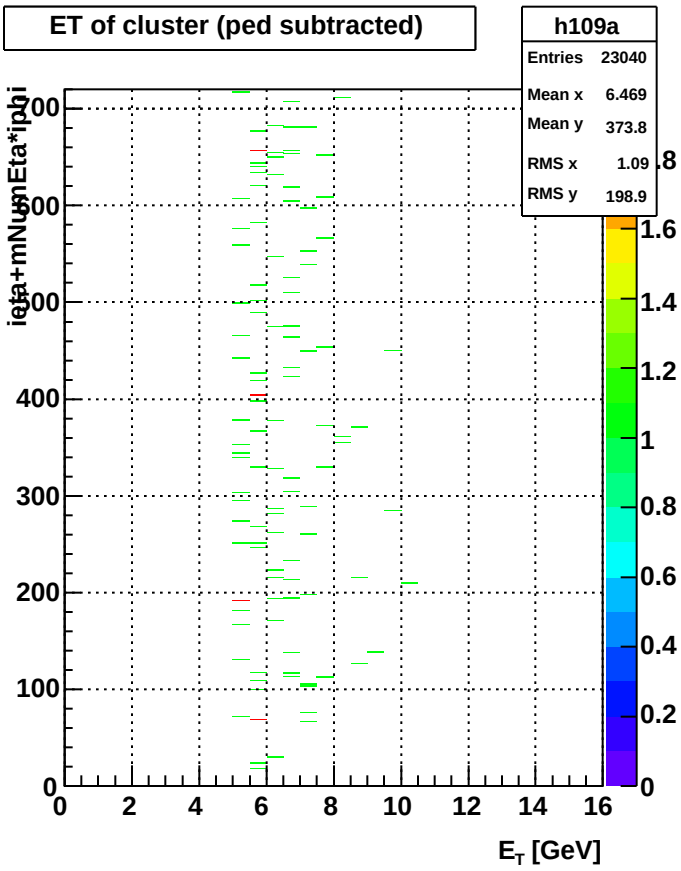

Raw ADC of ht, ht > threshold
h104
Entries 159
Mean 334.5
RMS 53.6
5
4
3
2
1
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 114
Mean 346.7
RMS 57.47
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 116
Mean x 65.53
Mean y 375.4
RMS x 11.58
RMS y 197.9
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 8.772
RMS 1.24
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.469
Mean y 373.8
RMS x 1.09
RMS y 198.9
ieta+mNumEta*iphi
E_T [GeV]