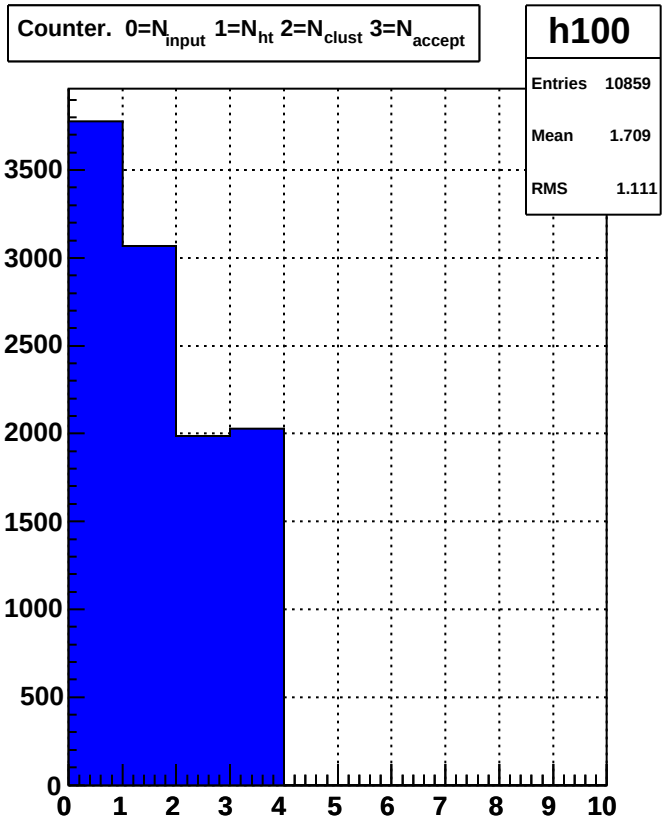
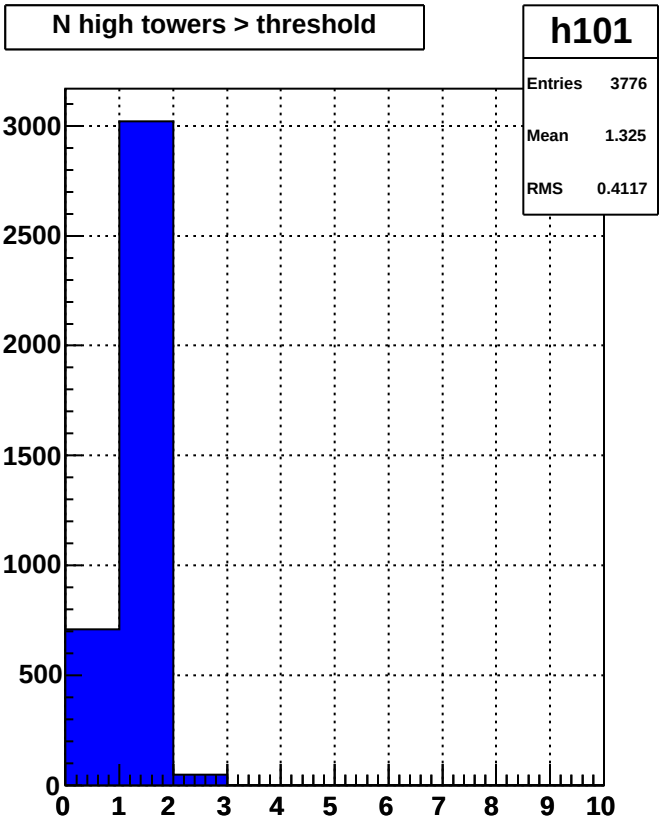
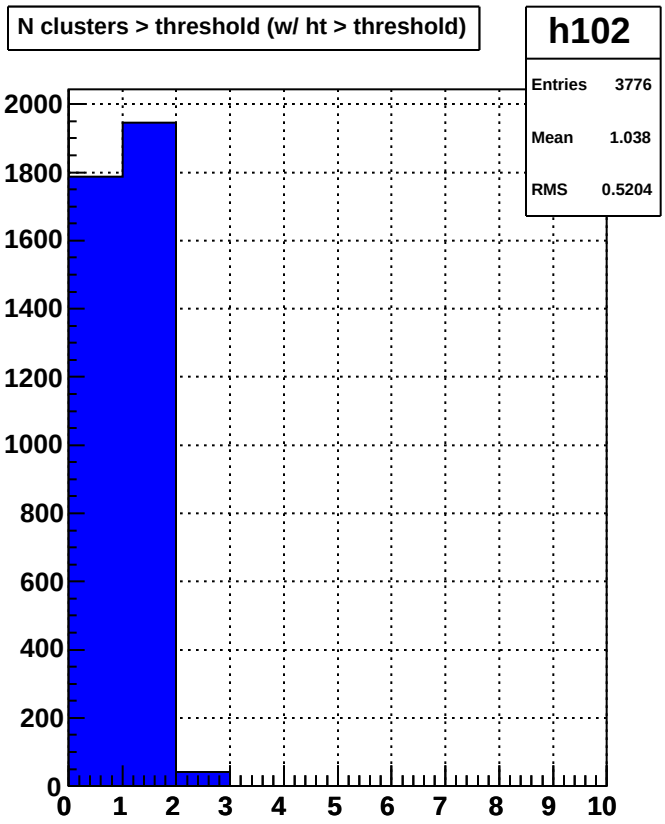
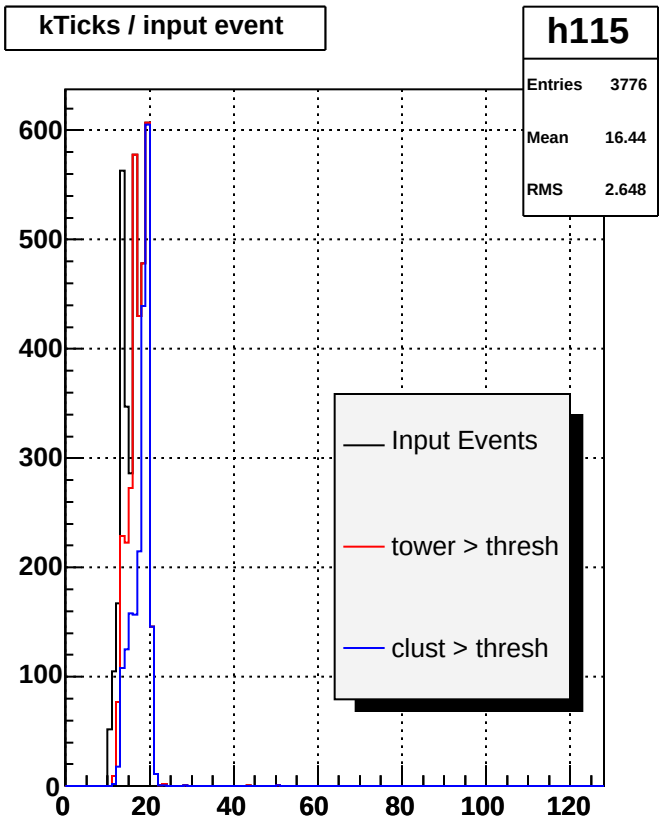
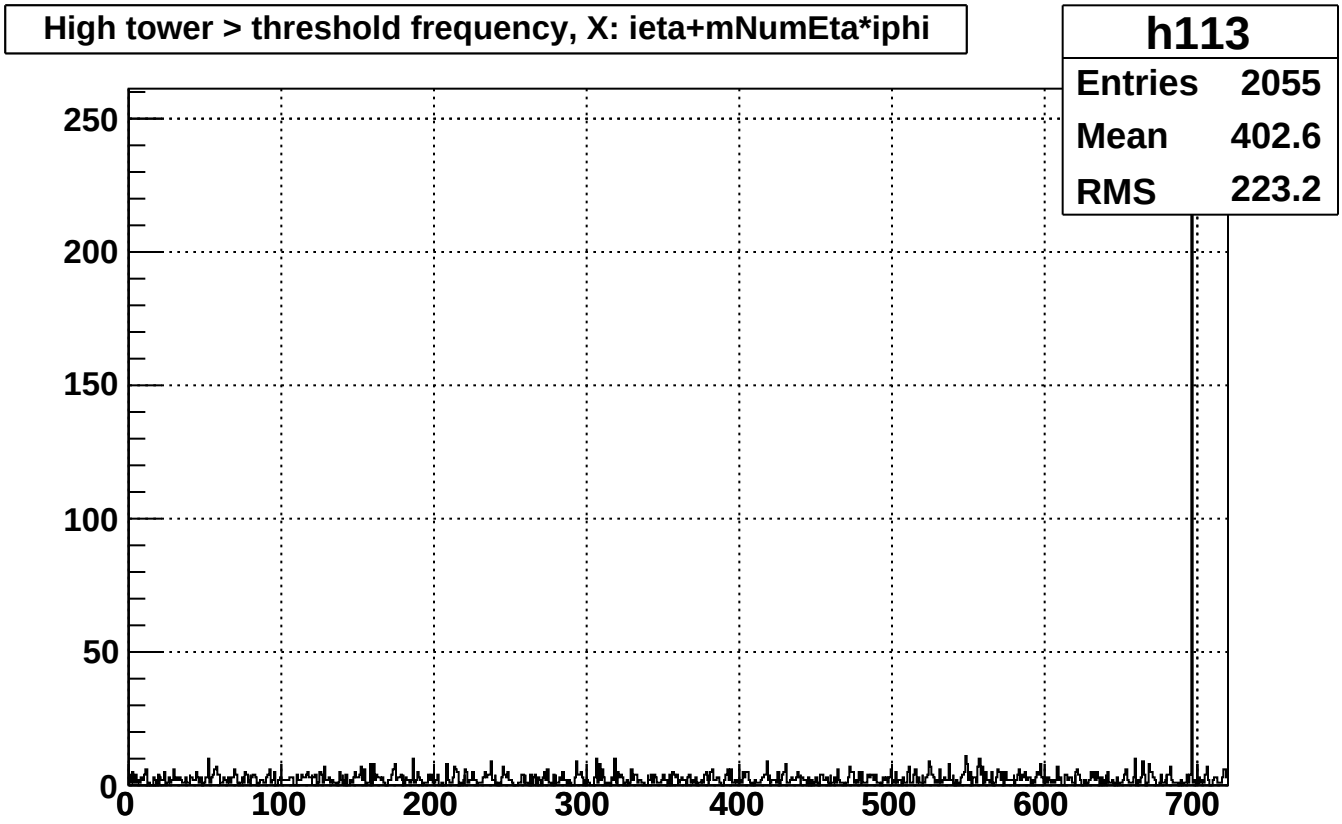
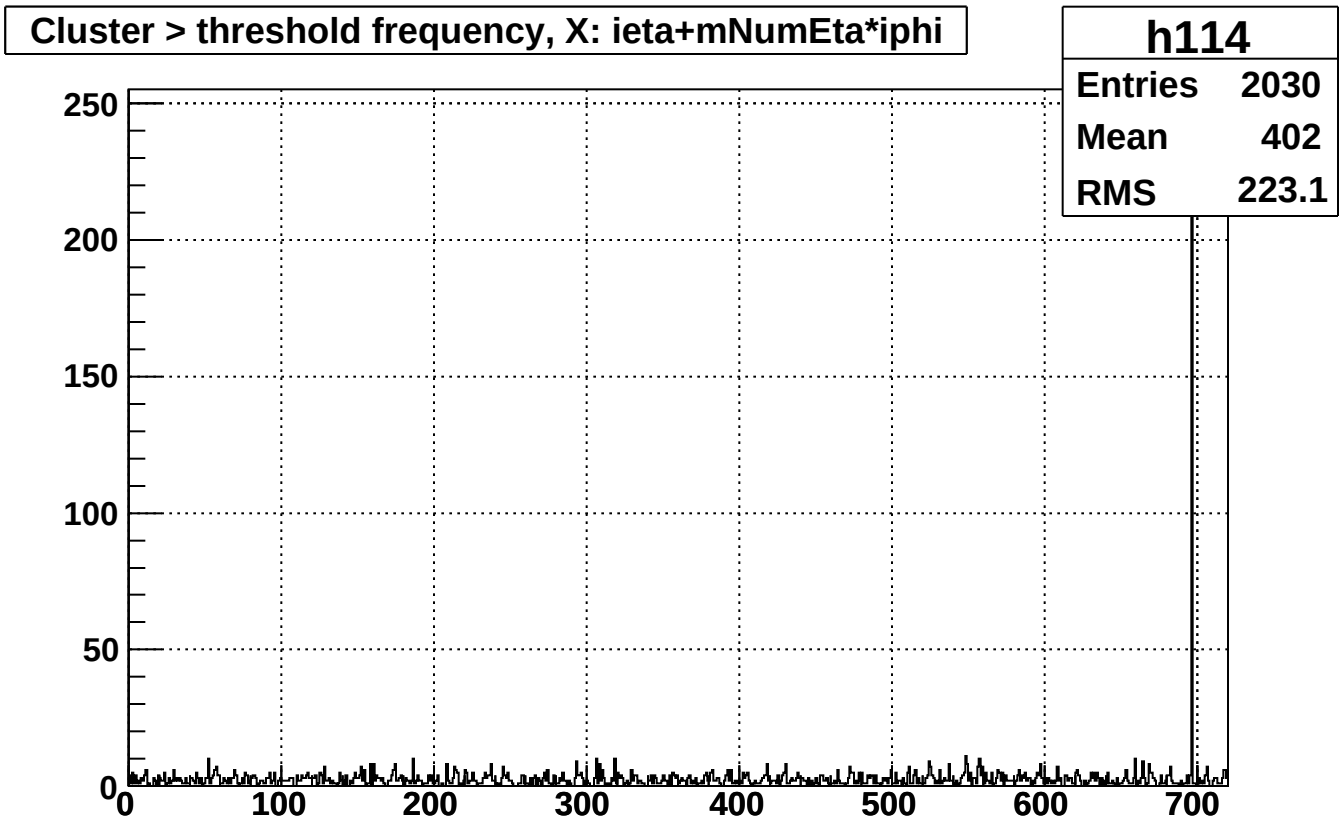

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 10859
Mean 1.709
RMS 1.111

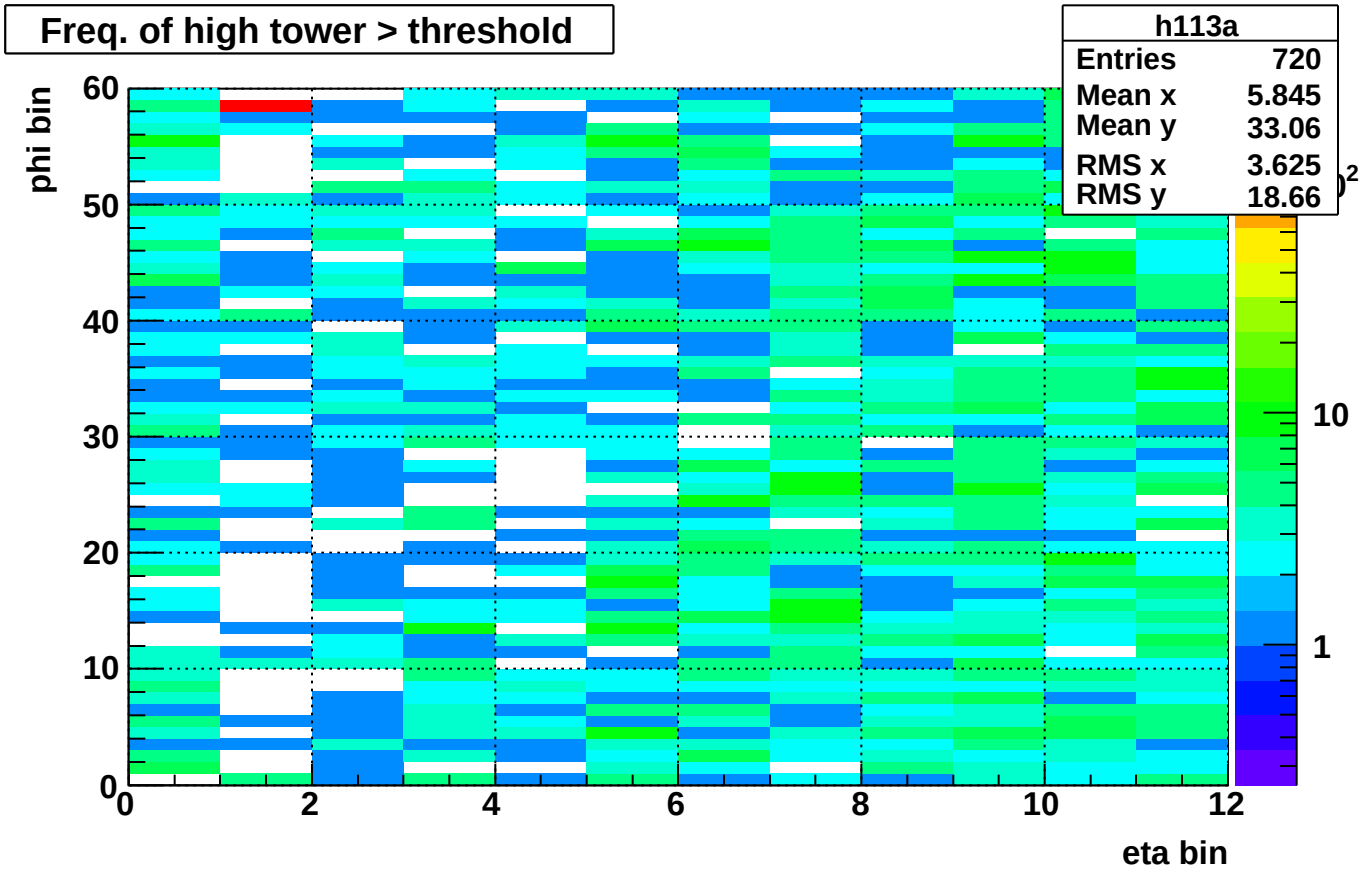

N high towers > threshold
h101
Entries 3776
Mean 1.325
RMS 0.4117

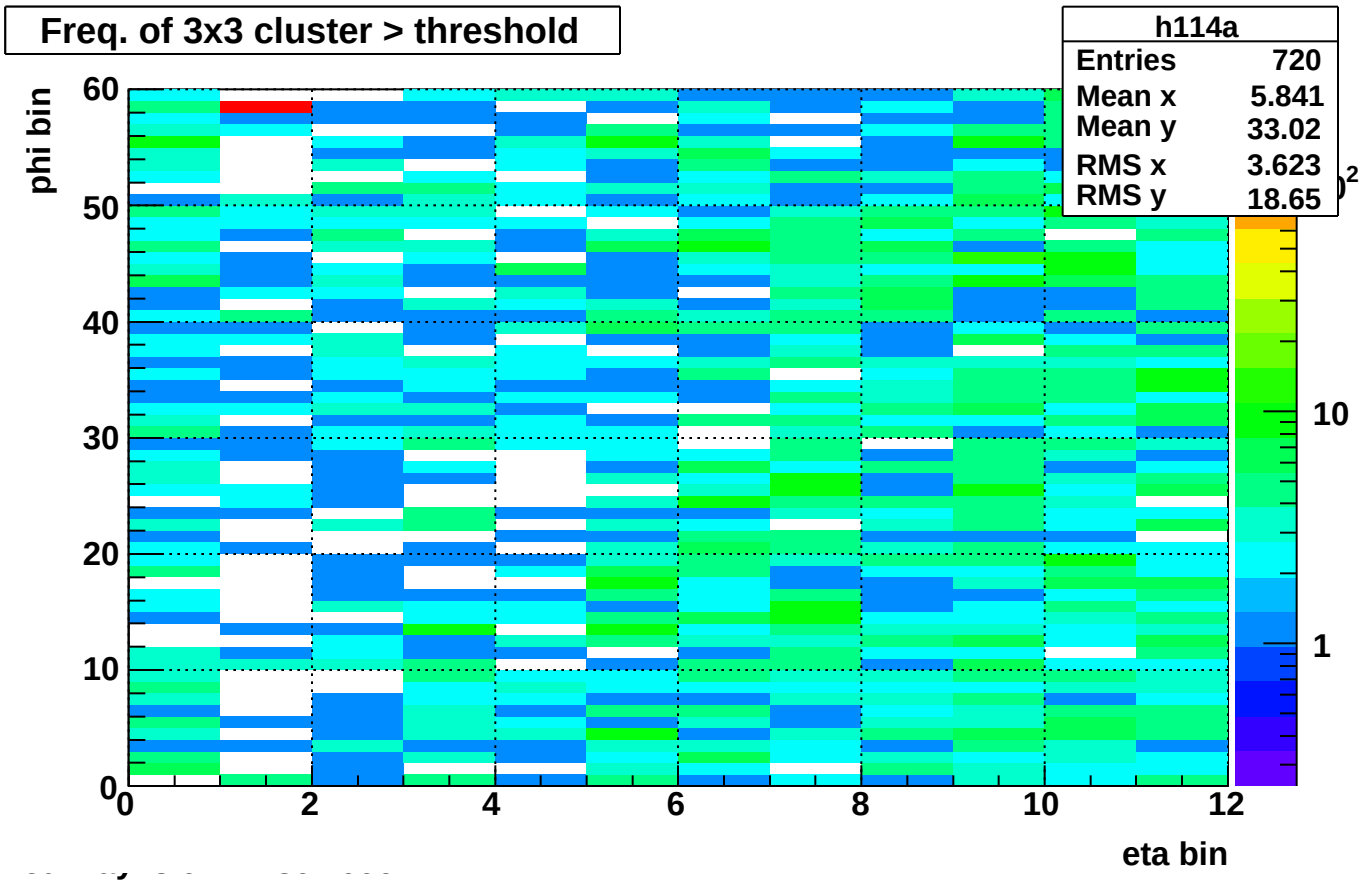

N clusters > threshold (w/ ht > threshold)
h102
Entries 3776
Mean 1.038
RMS 0.5204

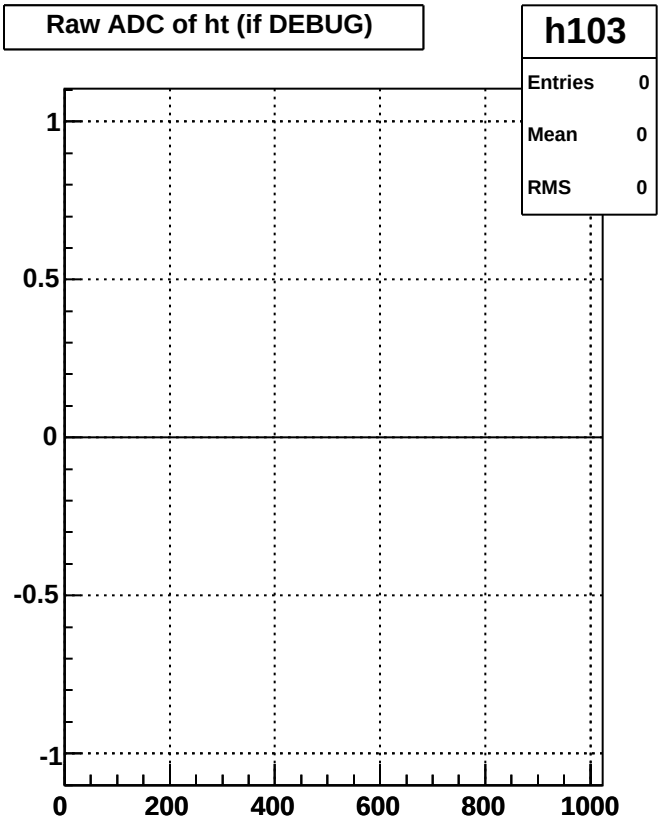

kTicks / input event
h115
Entries 3776
Mean 16.44
RMS 2.648
Input Events
tower > thresh
clust > thresh

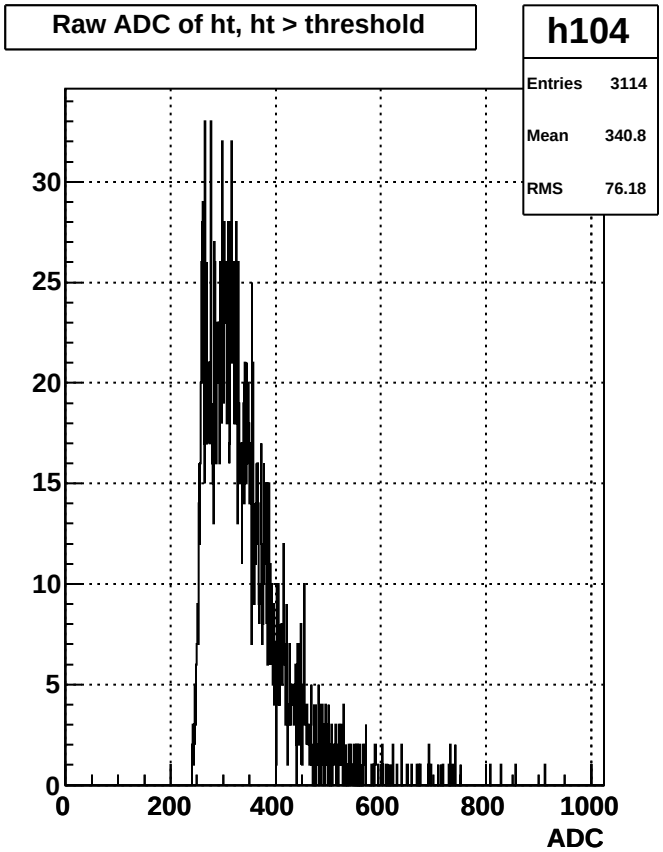

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 2055
Mean 402.6
RMS 223.2
250
200
150
100
50
0
0
100
200
300
400
500
600
700

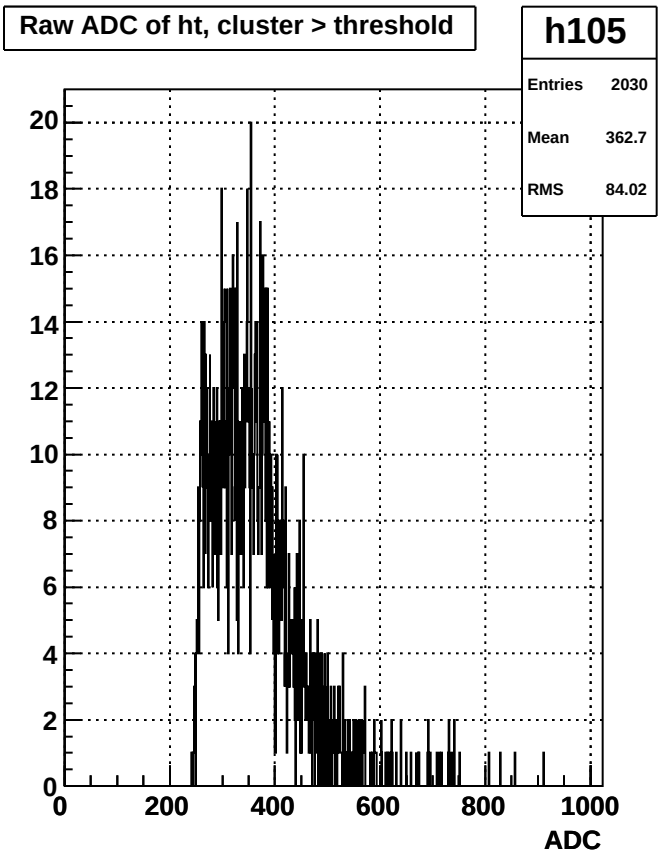

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 2030
Mean 402
RMS 223.1
250
200
150
100
50
0
0
100
200
300
400
500
600
700

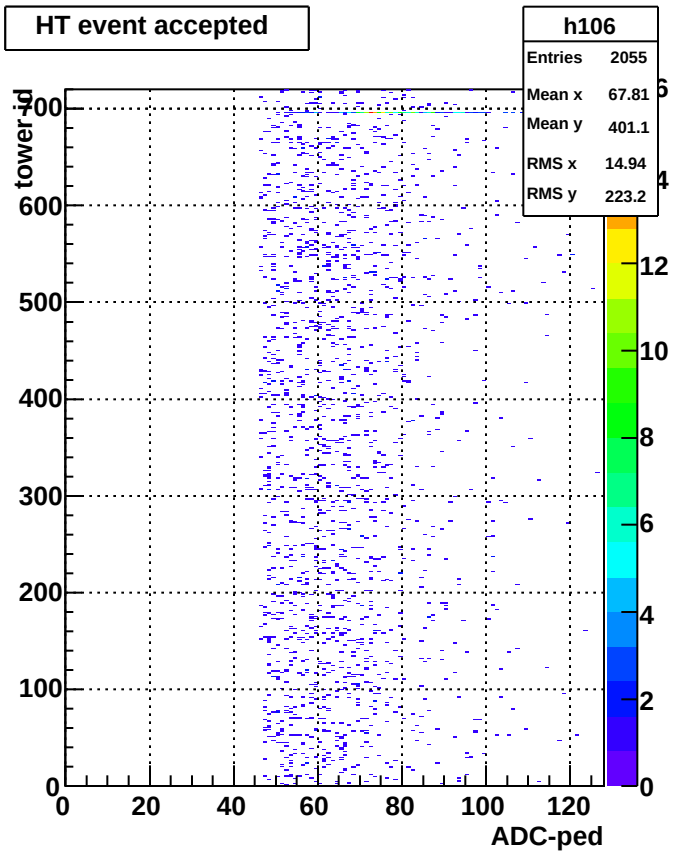

Freq. of high tower > threshold
h113a
Entries 720
Mean x 5.845
Mean y 33.06
RMS x 3.625
RMS y 18.66
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10

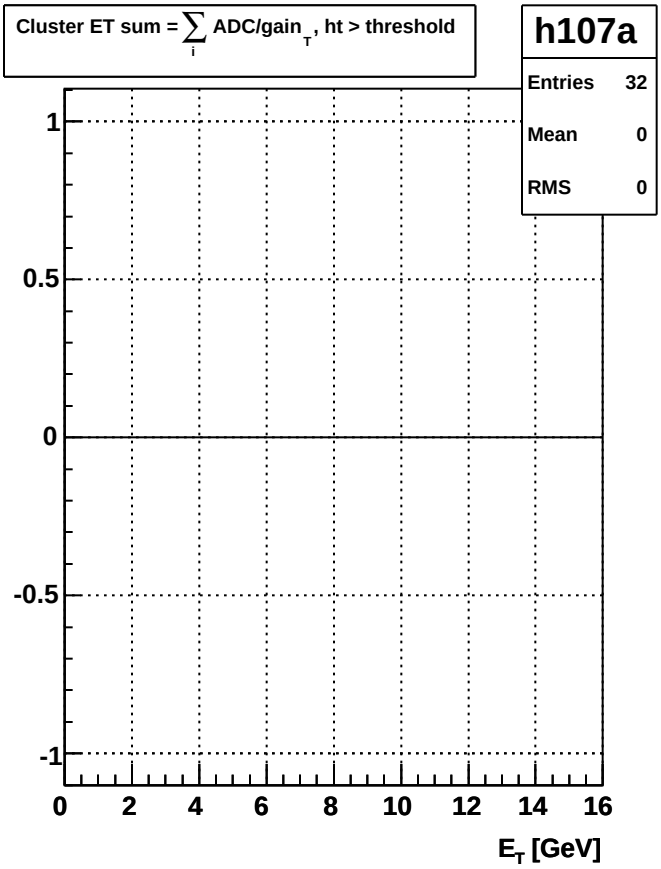

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 5.841
Mean y 33.02
RMS x 3.623
RMS y 18.65
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10

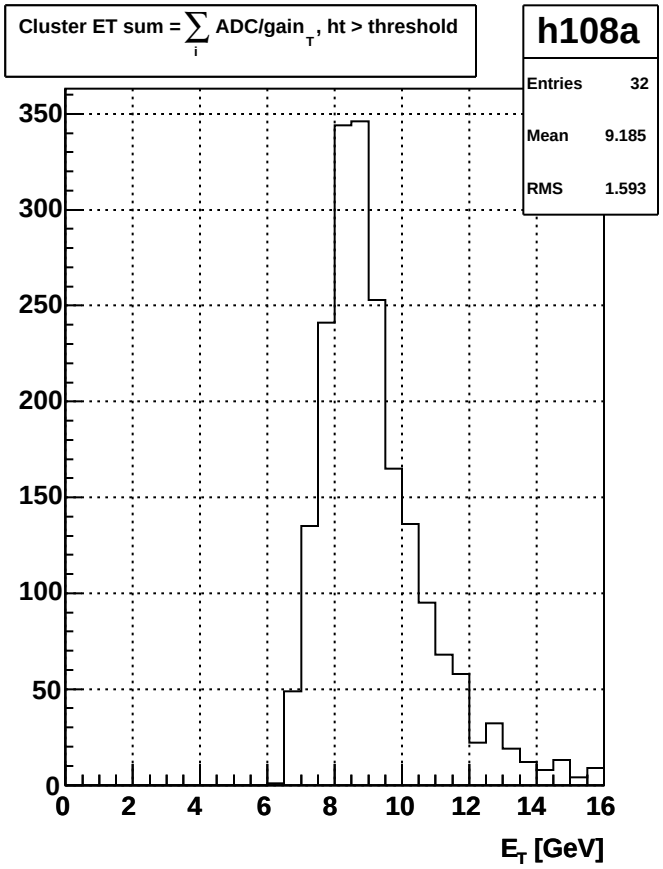

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

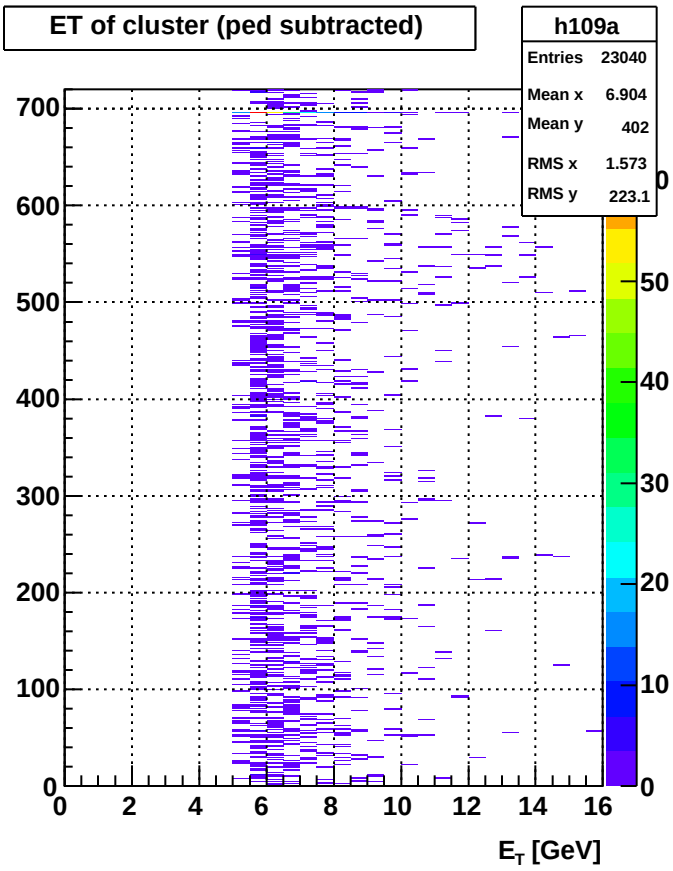

Raw ADC of ht, ht > threshold
h104
Entries 3114
Mean 340.8
RMS 76.18
30
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 2030
Mean 362.7
RMS 84.02
20
18
16
14
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 2055
Mean x 67.81
Mean y 401.1
RMS x 14.94
RMS y 223.2
tower id
700
600
500
400
300
200
100
0
0
20
40
60
80
100
120
ADC-ped
12
10
8
6
4
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 9.185
RMS 1.593
$E_T$ [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.904
Mean y 402
RMS x 1.573
RMS y 223.1
$E_T$ [GeV]