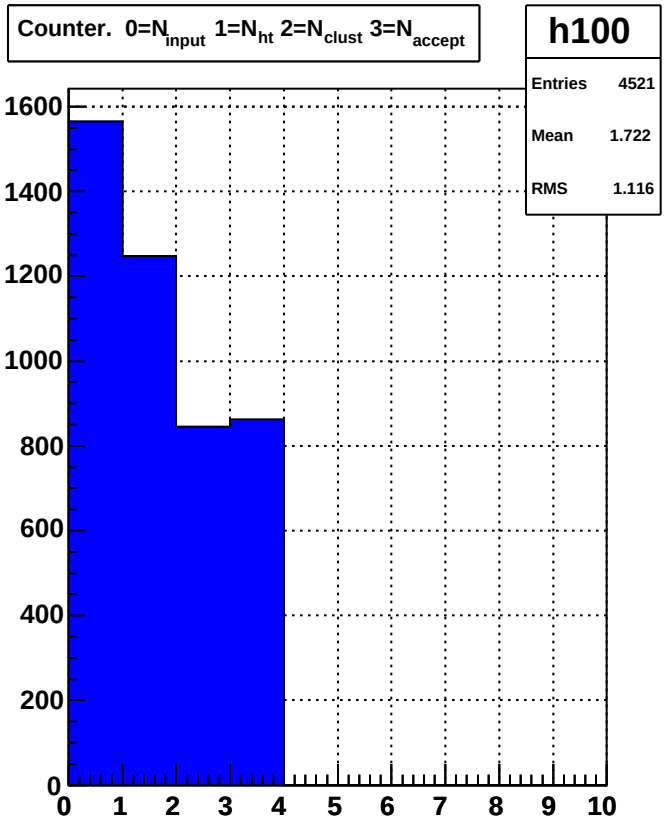
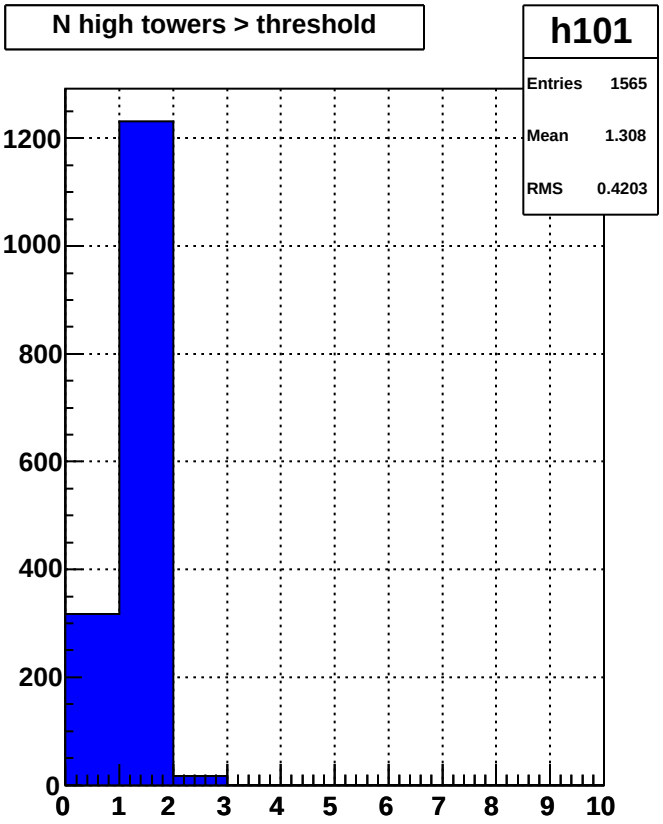
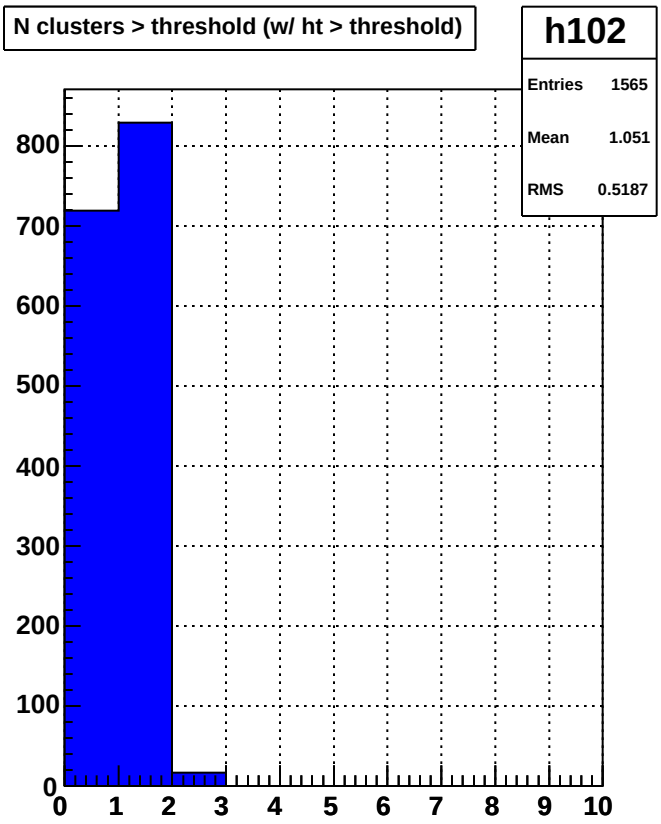
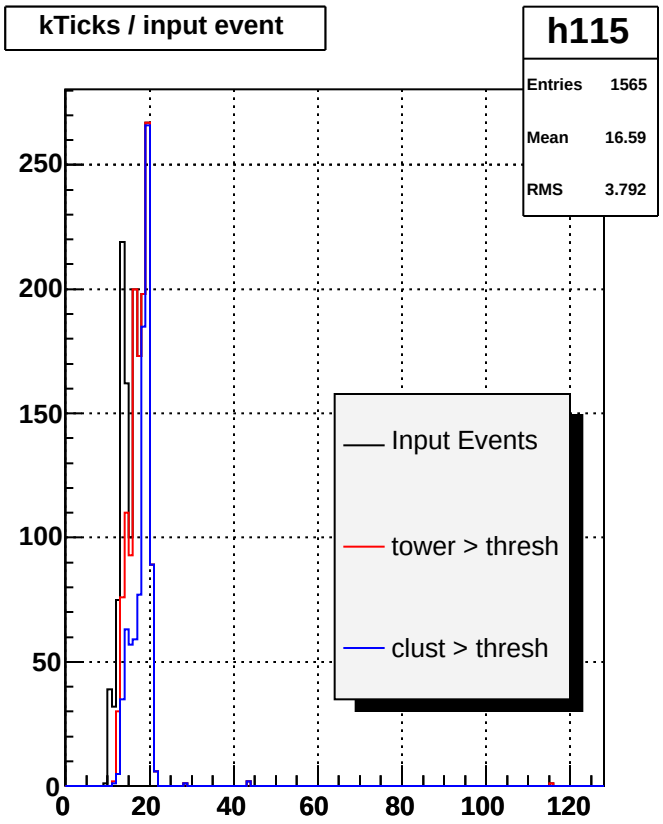
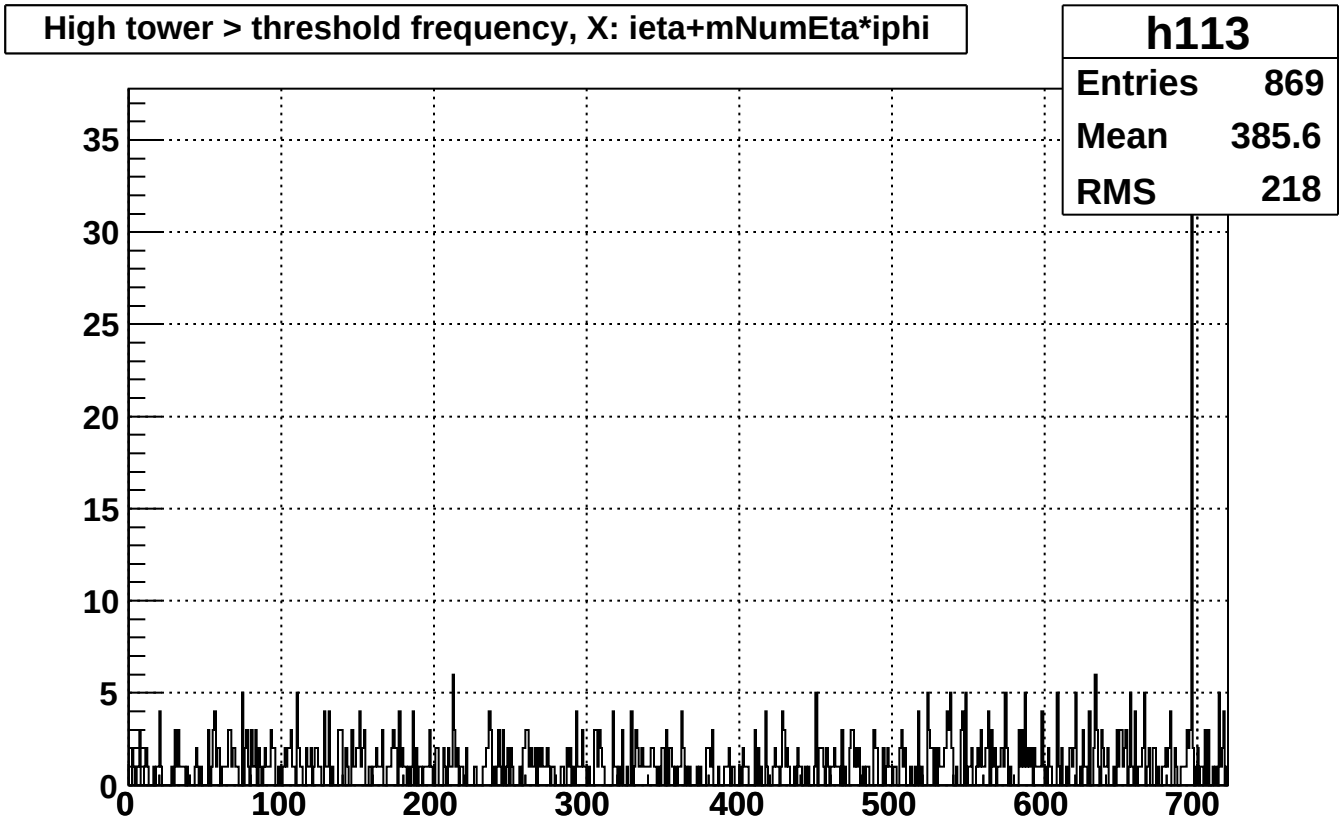
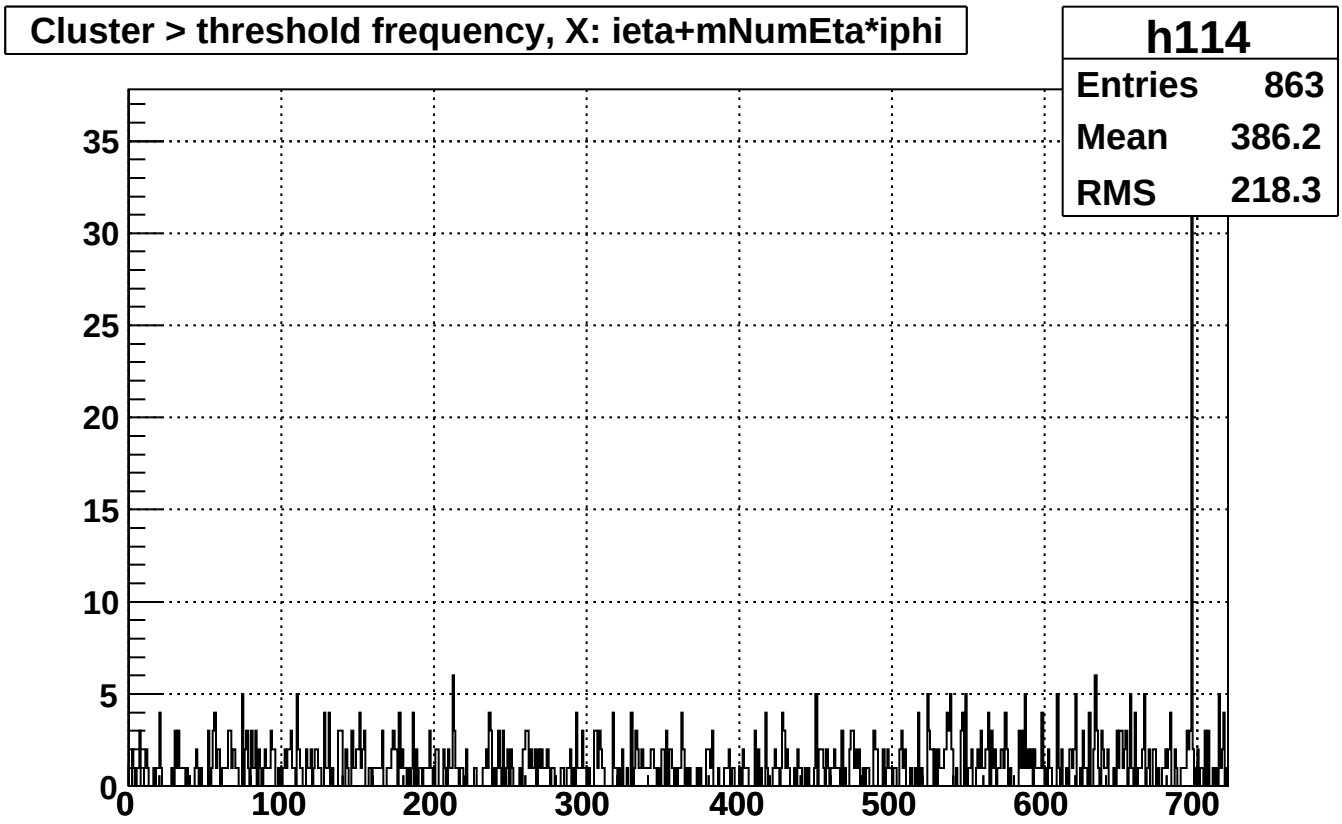

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 4521
Mean 1.722
RMS 1.116
0 200 400 600 800 1000 1200 1400 1600
0 1 2 3 4 5 6 7 8 9 10

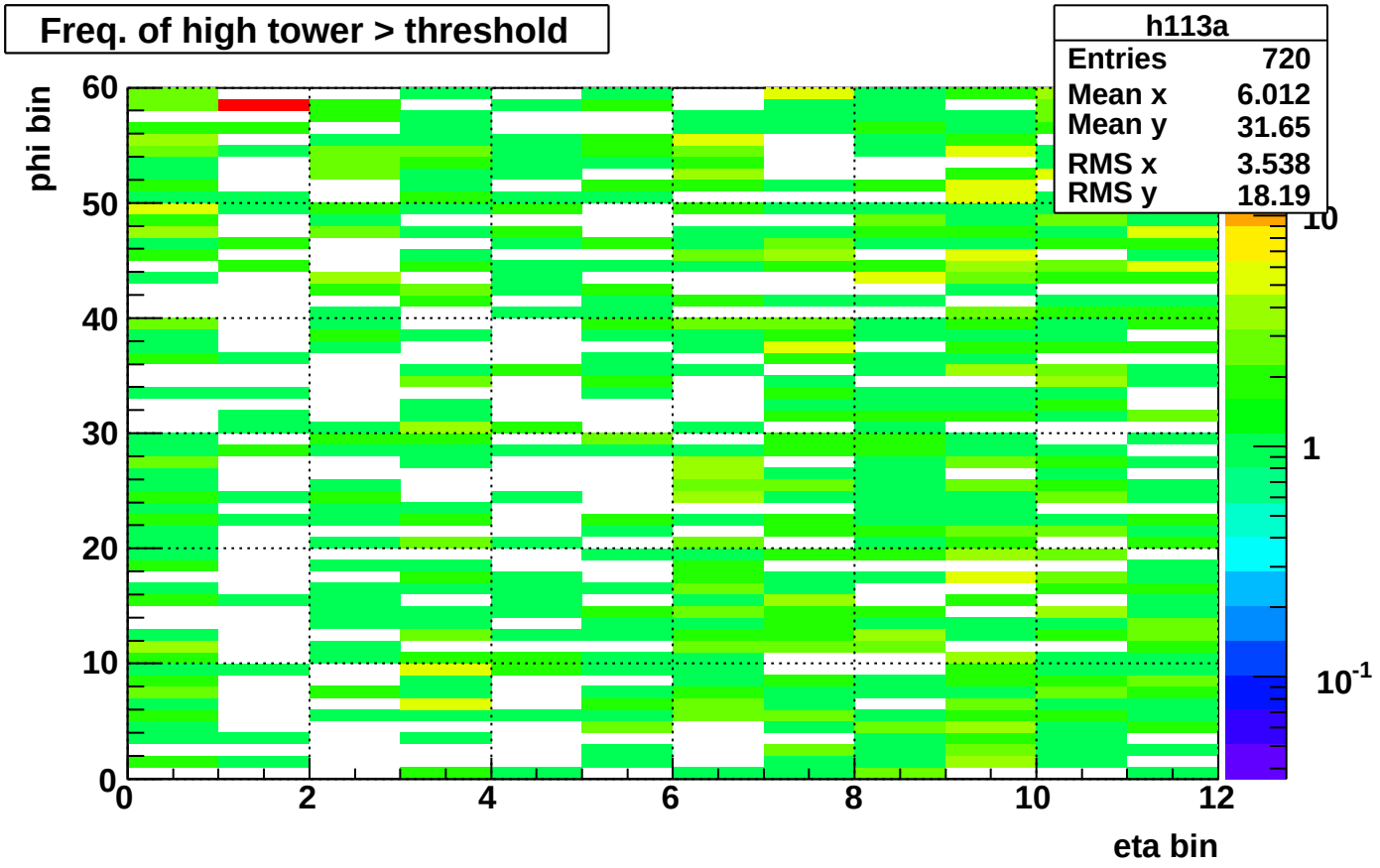

N high towers > threshold
h101
Entries 1565
Mean 1.308
RMS 0.4203
0 200 400 600 800 1000 1200
0 1 2 3 4 5 6 7 8 9 10

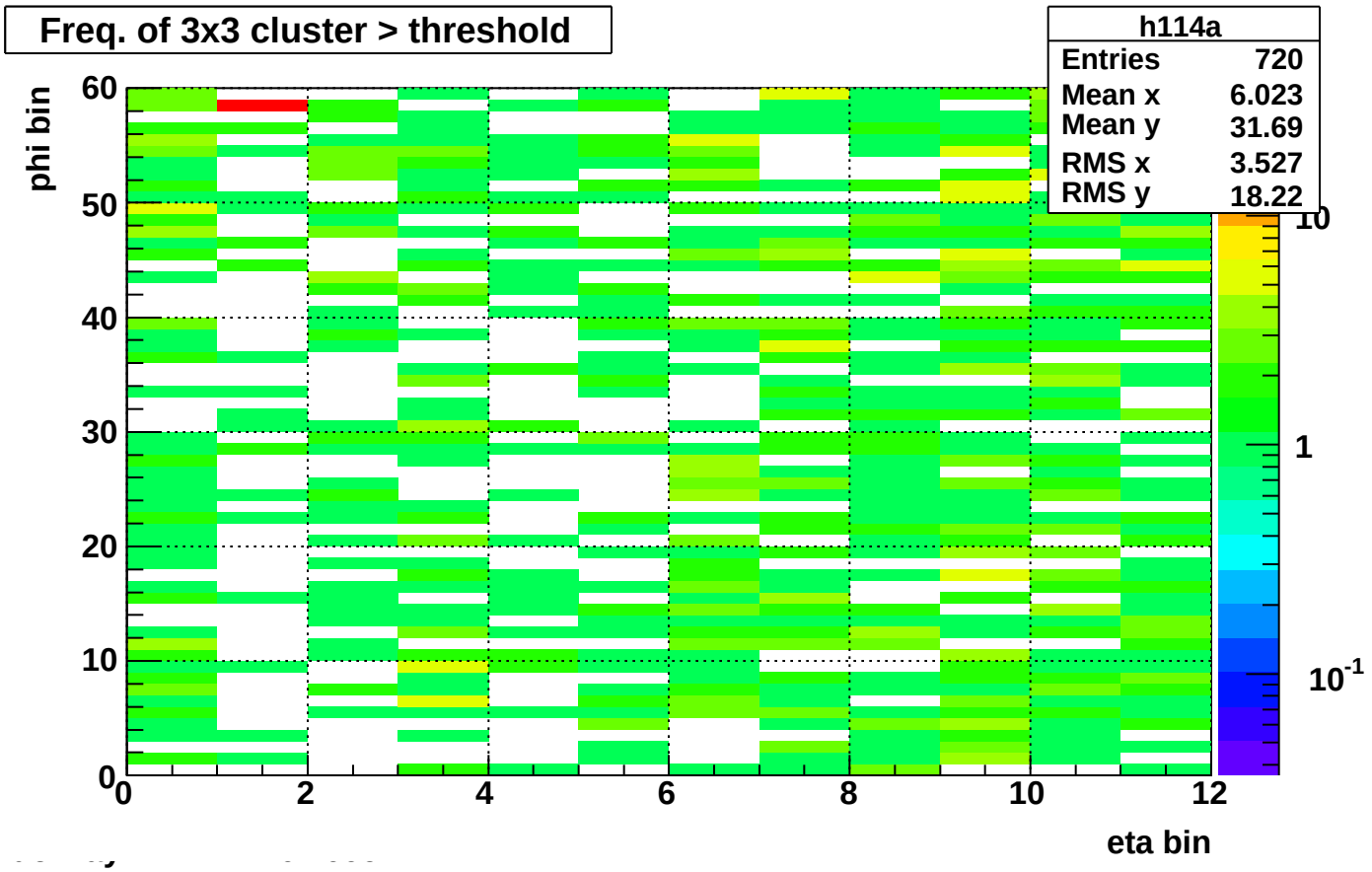

N clusters > threshold (w/ ht > threshold)
h102
Entries 1565
Mean 1.051
RMS 0.5187
0 100 200 300 400 500 600 700 800
0 1 2 3 4 5 6 7 8 9 10

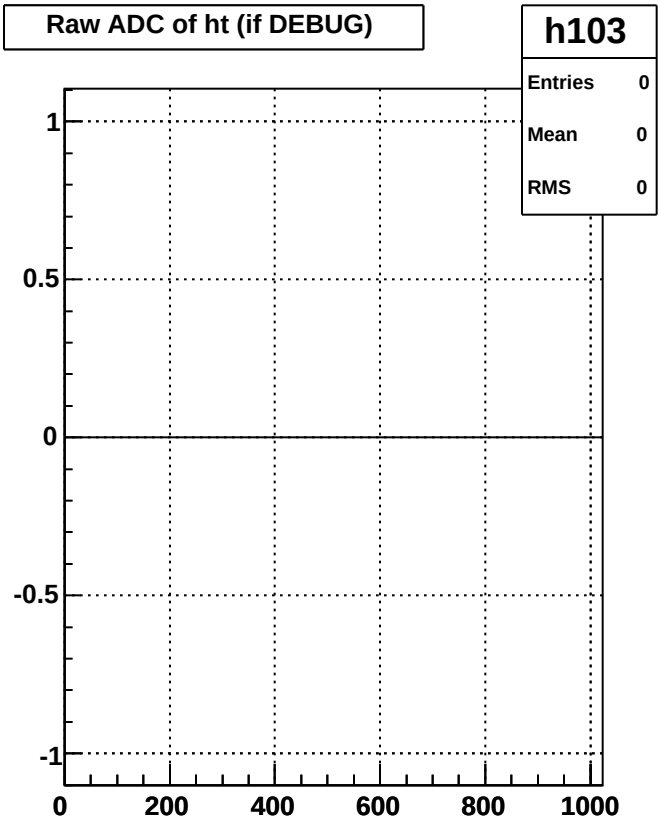

kTicks / input event
h115
Entries 1565
Mean 16.59
RMS 3.792
0 50 100 150 200 250
0 20 40 60 80 100 120
Input Events
tower > thresh
clust > thresh

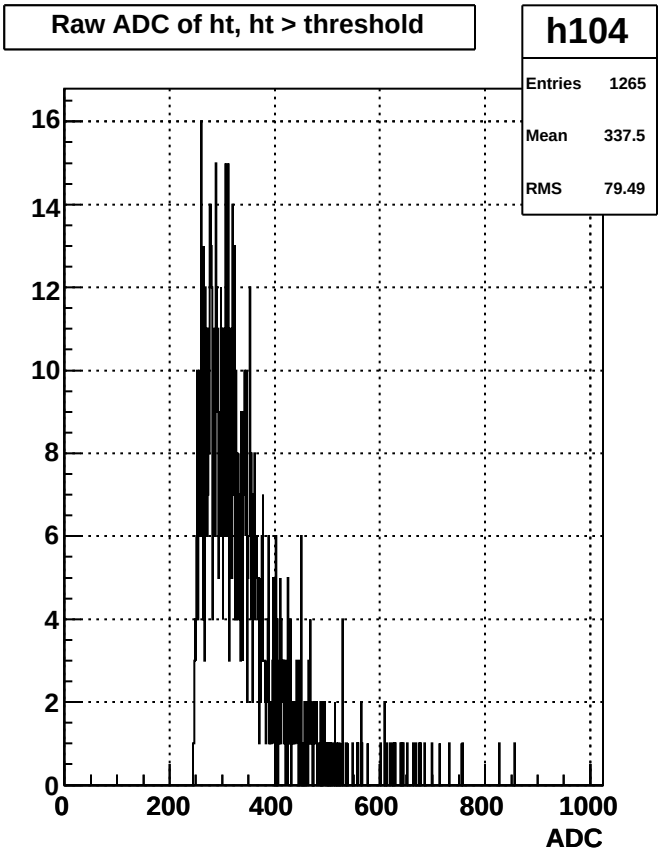

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 869
Mean 385.6
RMS 218
0
5
10
15
20
25
30
35
0
100
200
300
400
500
600
700

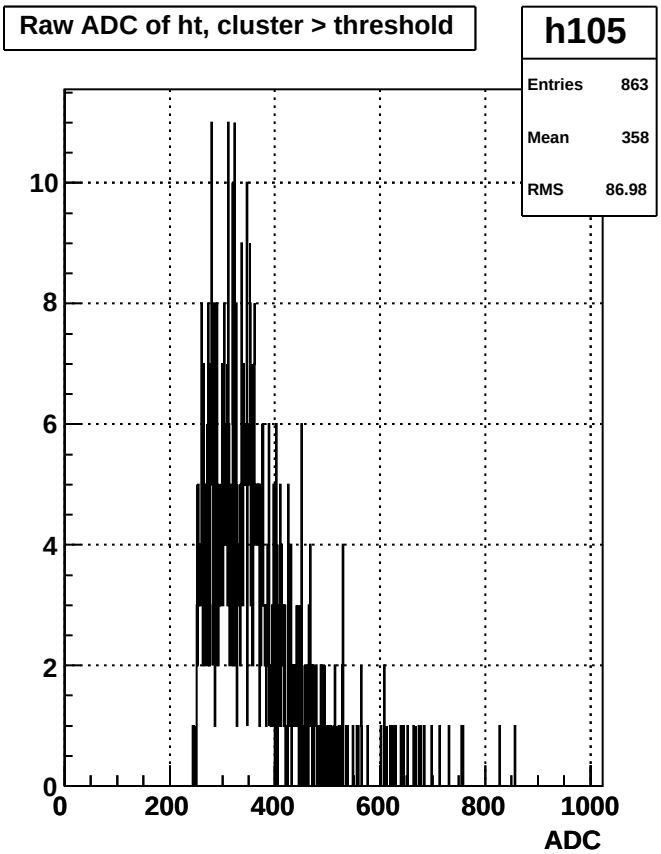

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 863
Mean 386.2
RMS 218.3
0
5
10
15
20
25
30
35
0
100
200
300
400
500
600
700

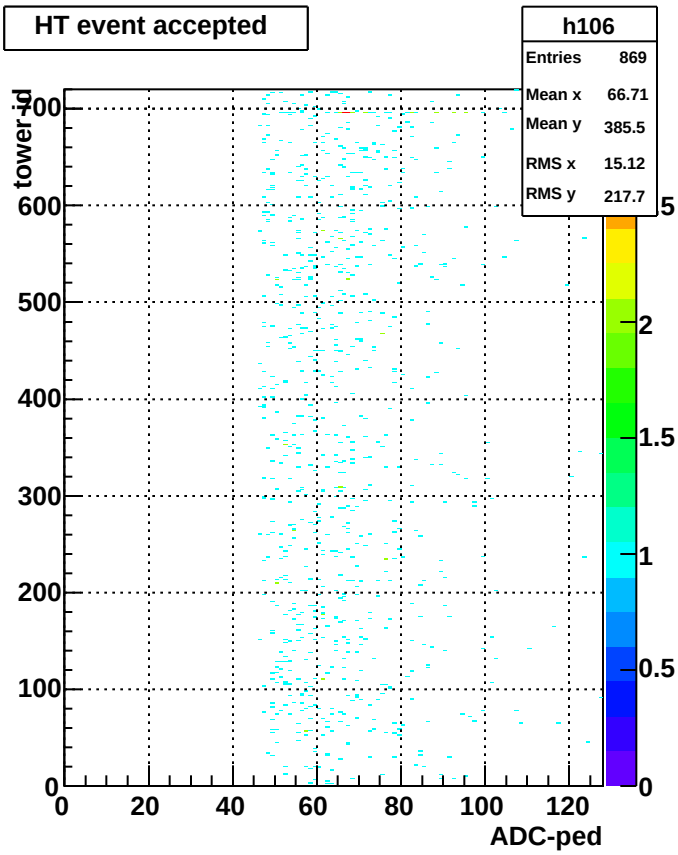

Freq. of high tower > threshold
h113a
Entries 720
Mean x 6.012
Mean y 31.65
RMS x 3.538
RMS y 18.19
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
10
1
10^{-1}

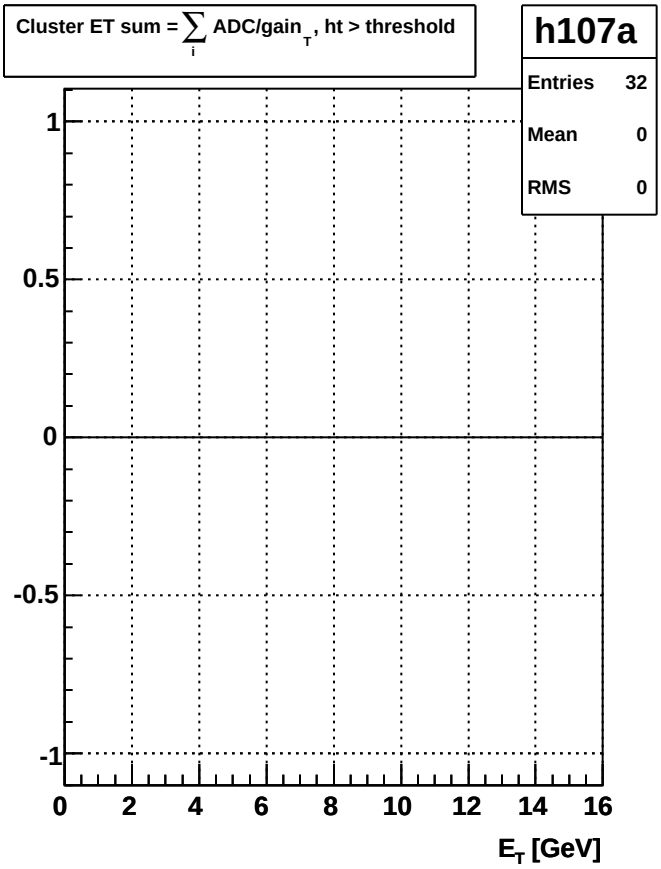

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 6.023
Mean y 31.69
RMS x 3.527
RMS y 18.22
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
10
1
10^{-1}

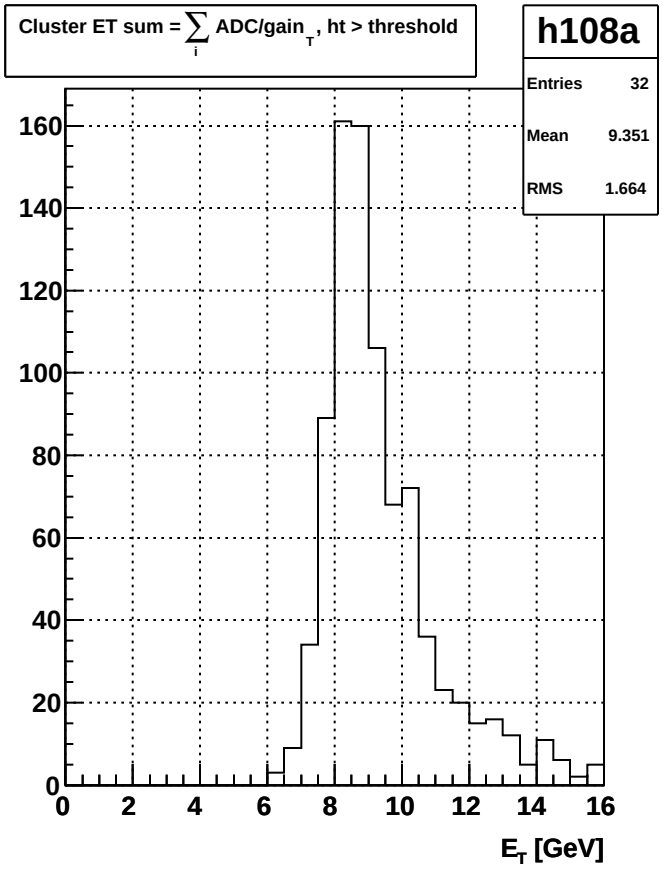

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

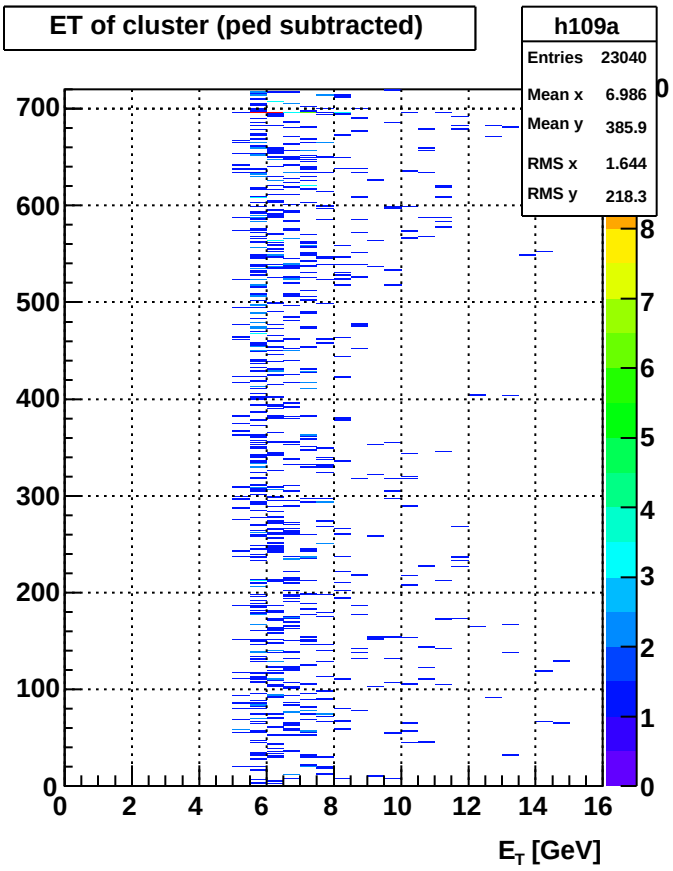

Raw ADC of ht, ht > threshold
h104
Entries 1265
Mean 337.5
RMS 79.49
16
14
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 863
Mean 358
RMS 86.98
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 869
Mean x 66.71
Mean y 385.5
RMS x 15.12
RMS y 217.7
tower id
700
600
500
400
300
200
100
0
0
20
40
60
80
100
120
ADC-ped
5
2
1.5
1
0.5
0


Cluster ET sum = $\sum_i$ ADC/gain$_T$, ht > threshold
h107a
Entries 32
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0 2 4 6 8 10 12 14 16
E_T [GeV]


Cluster ET sum = $\sum_i$ ADC/gain$_T$, ht > threshold
h108a
Entries 32
Mean 9.351
RMS 1.664
160
140
120
100
80
60
40
20
0
0 2 4 6 8 10 12 14 16
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.986
Mean y 385.9
RMS x 1.644
RMS y 218.3
700
600
500
400
300
200
100
0
0 2 4 6 8 10 12 14 16
E_T [GeV]
8
7
6
5
4
3
2
1
0