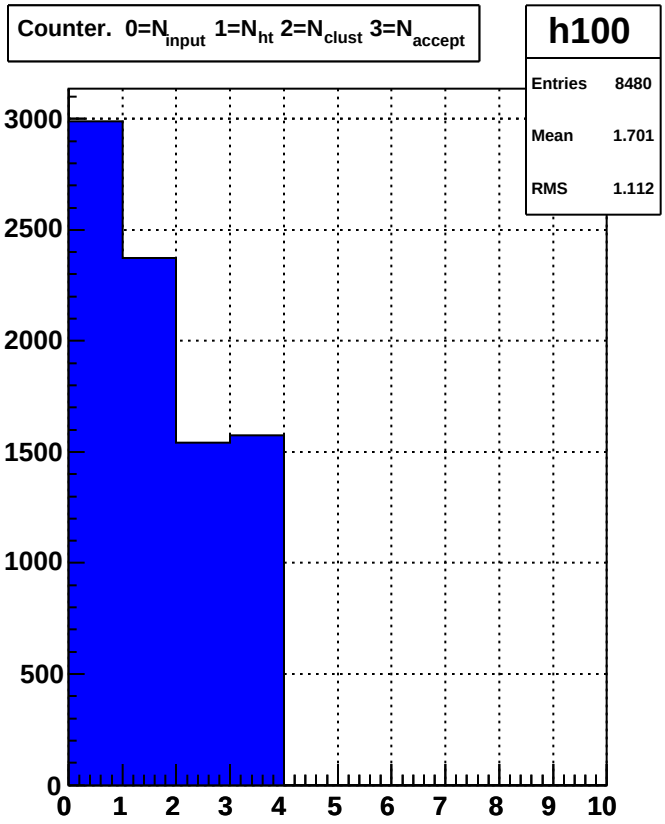
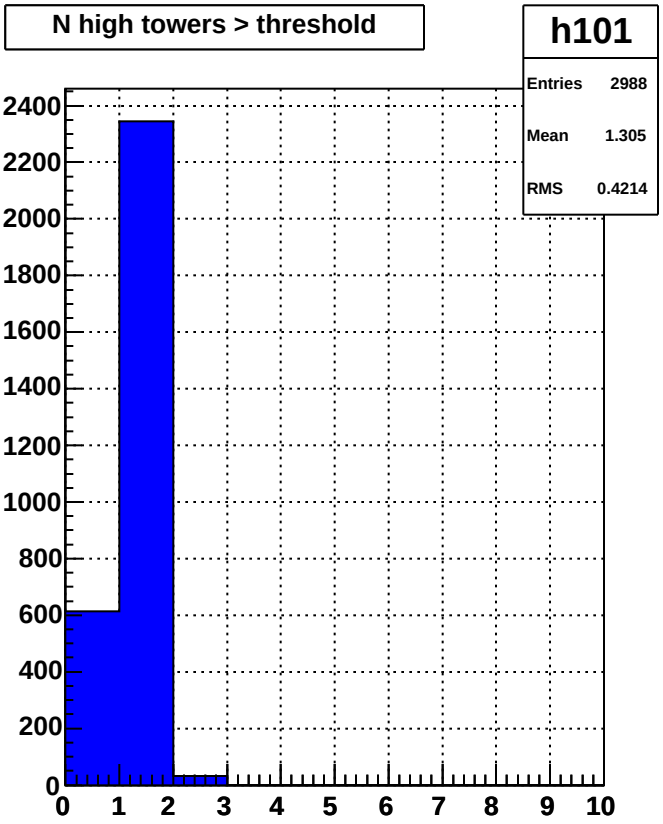
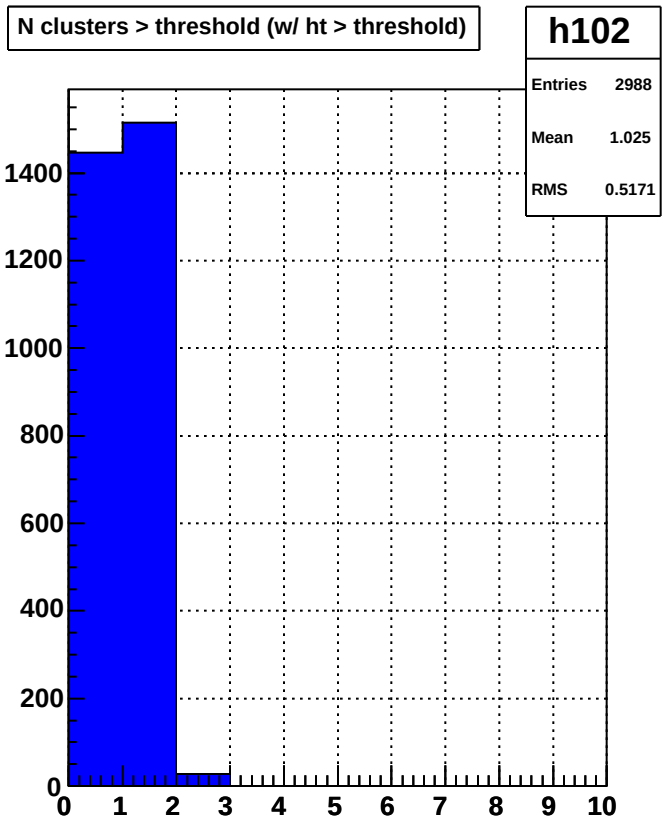
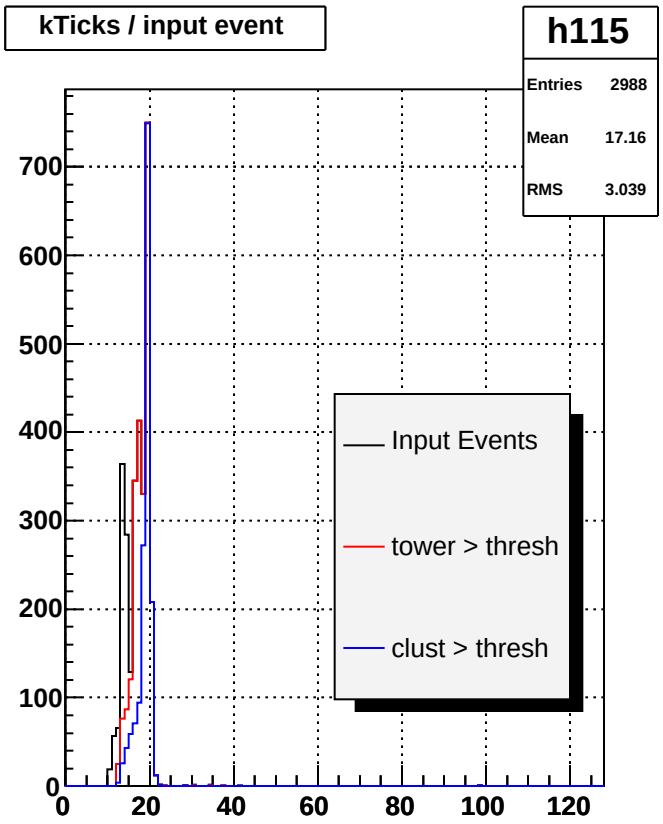
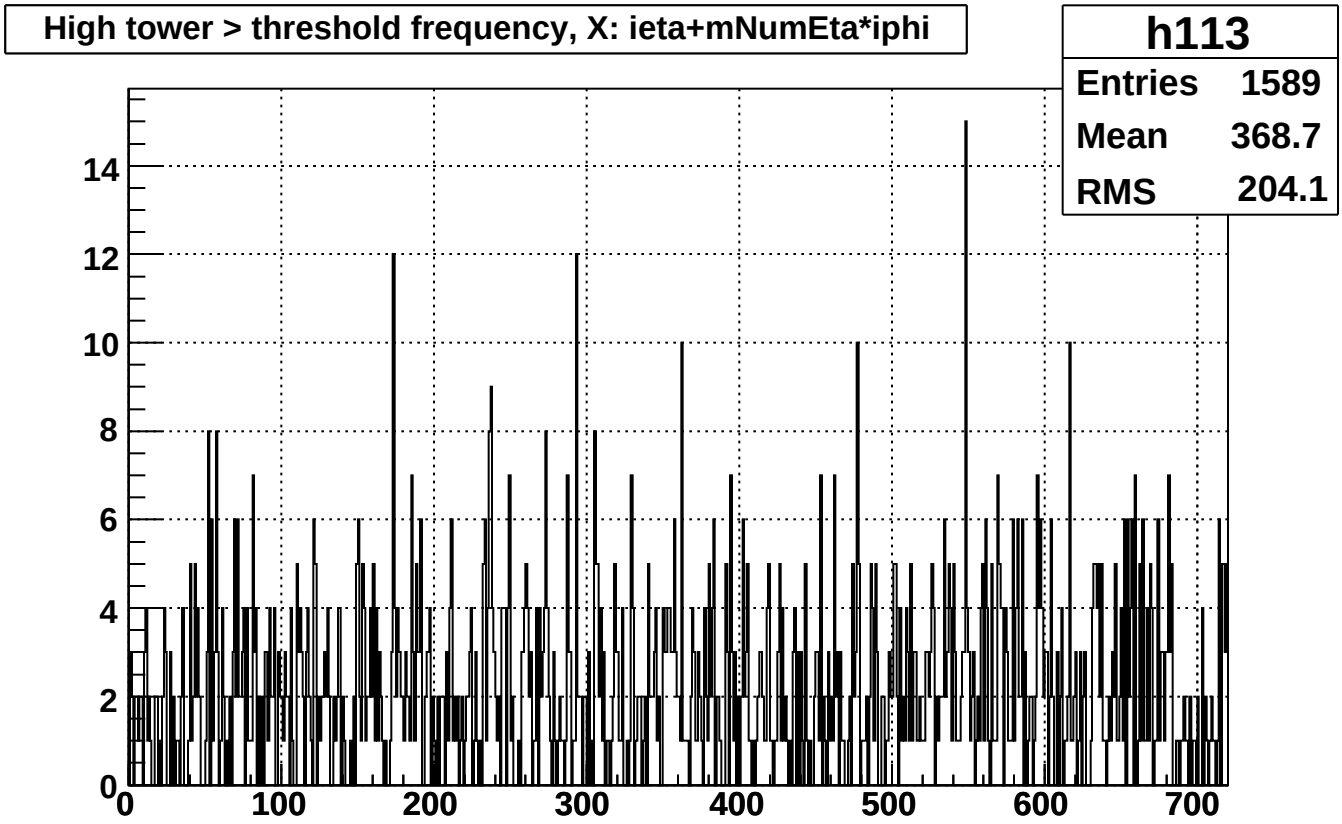
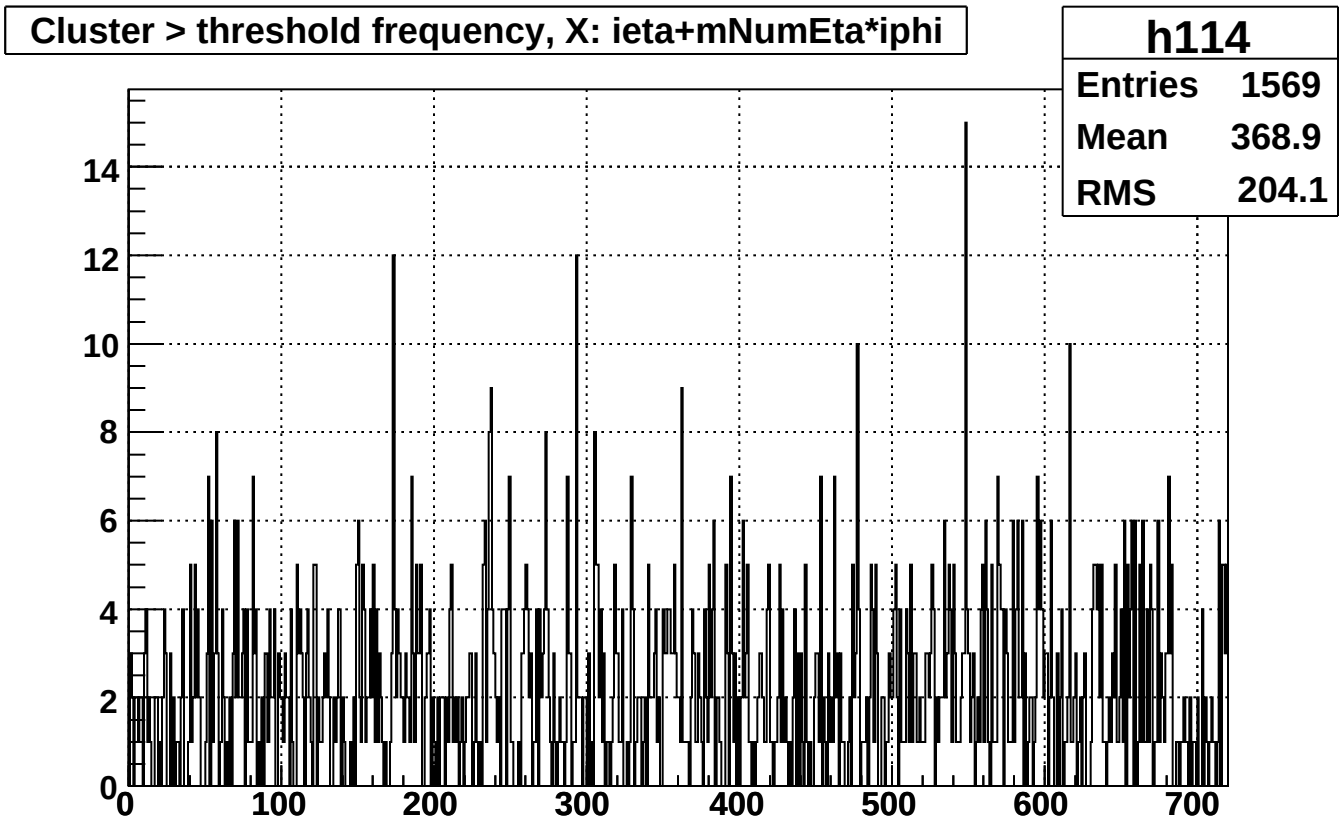

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 8480
Mean 1.701
RMS 1.112

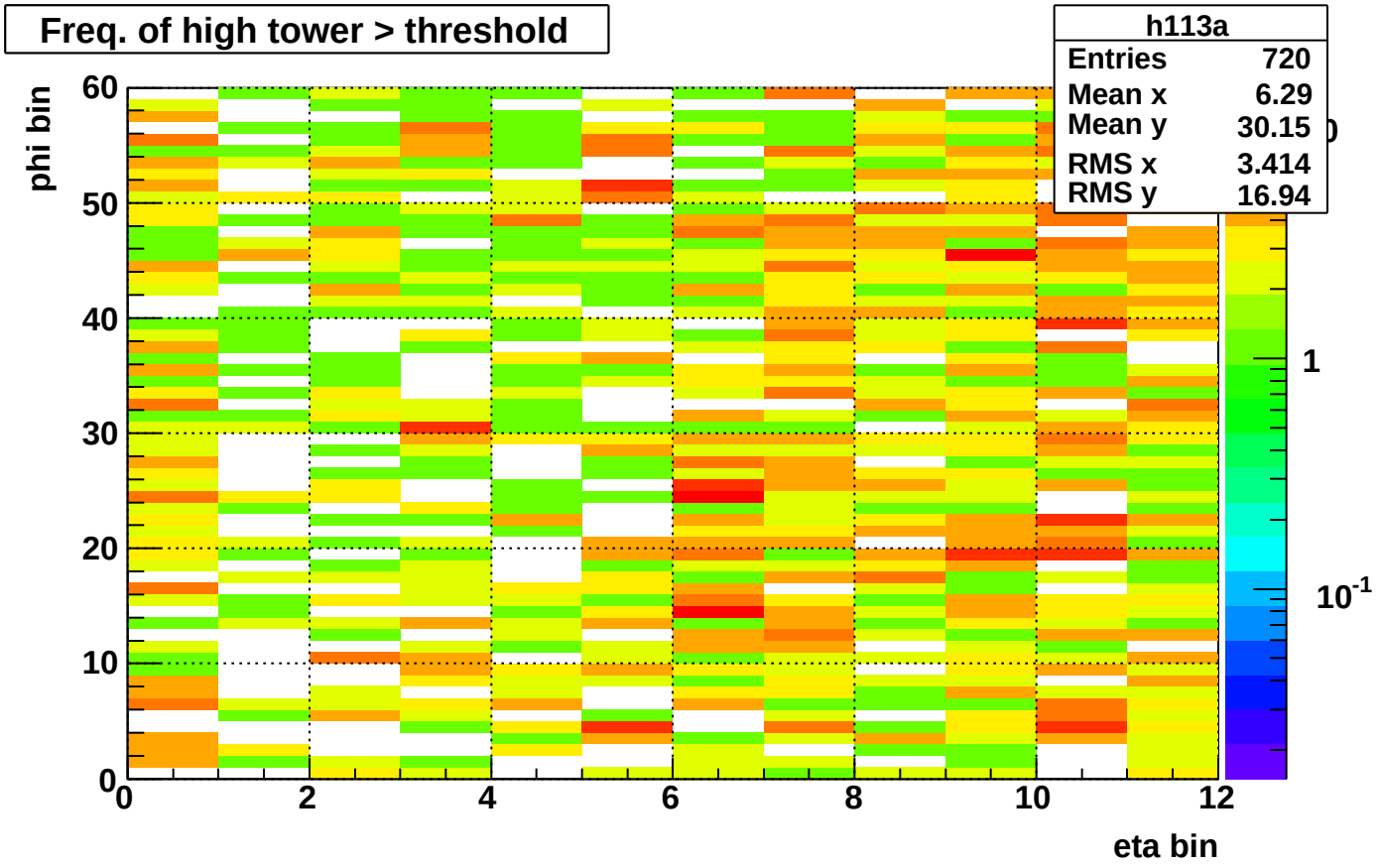

N high towers > threshold
h101
Entries 2988
Mean 1.305
RMS 0.4214

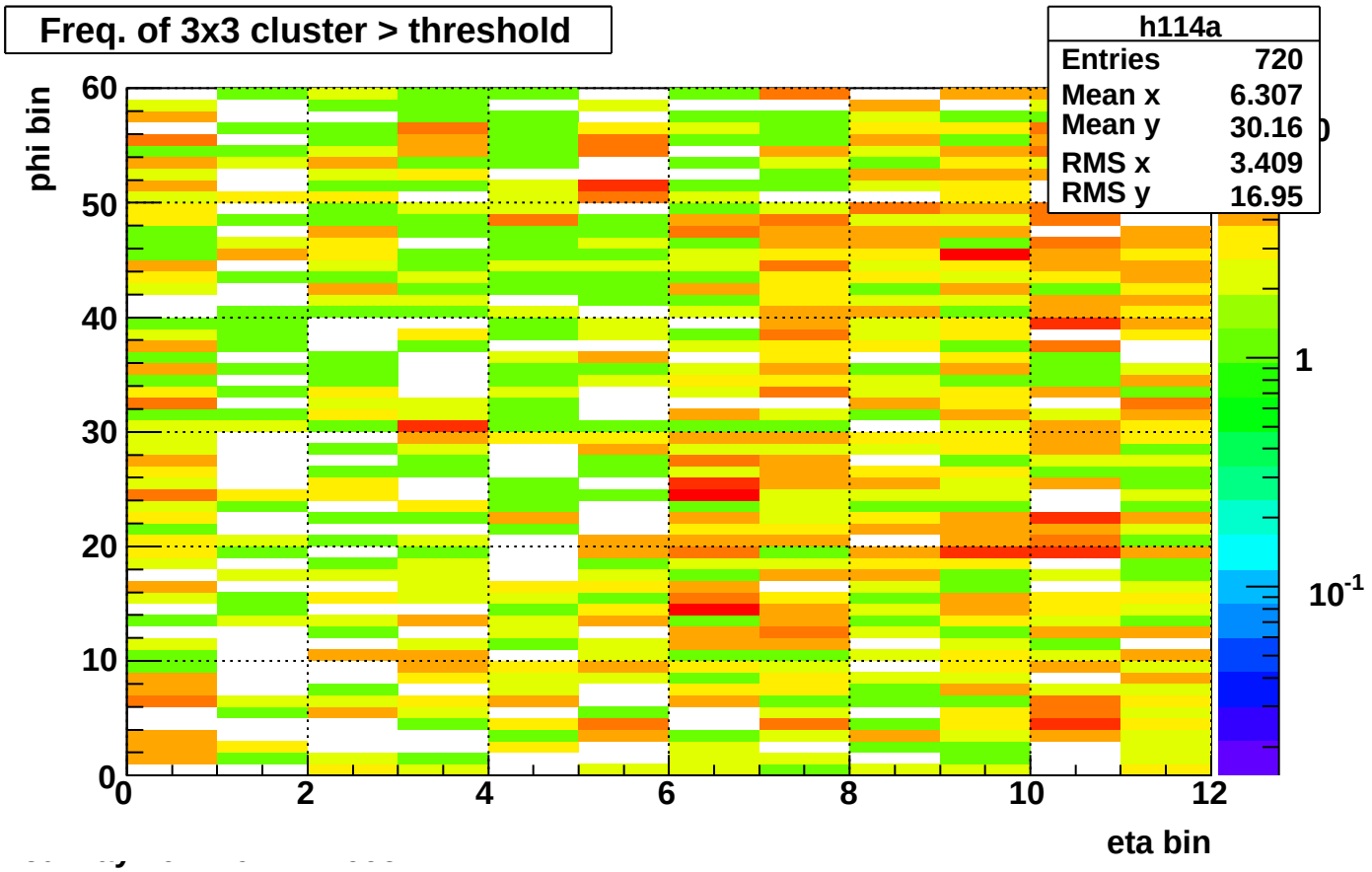

N clusters > threshold (w/ ht > threshold)
h102
Entries 2988
Mean 1.025
RMS 0.5171

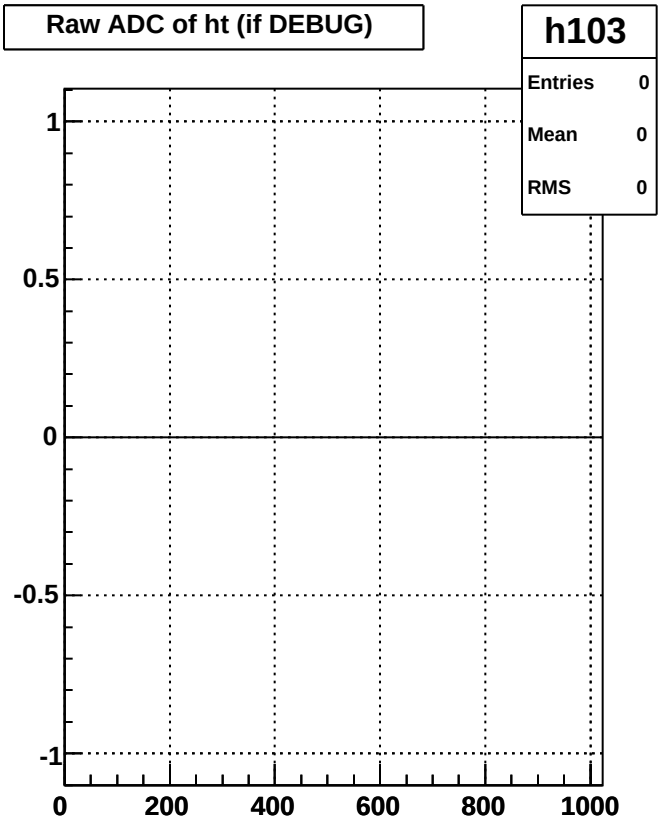

kTicks / input event
h115
Entries 2988
Mean 17.16
RMS 3.039
Input Events
tower > thresh
clust > thresh

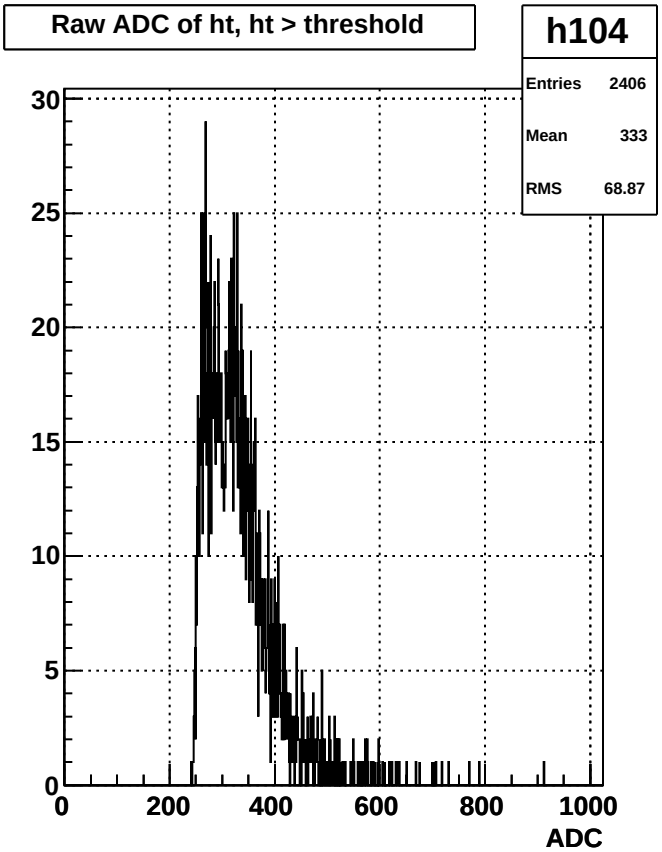

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 1589
Mean 368.7
RMS 204.1
0
2
4
6
8
10
12
14
0
100
200
300
400
500
600
700

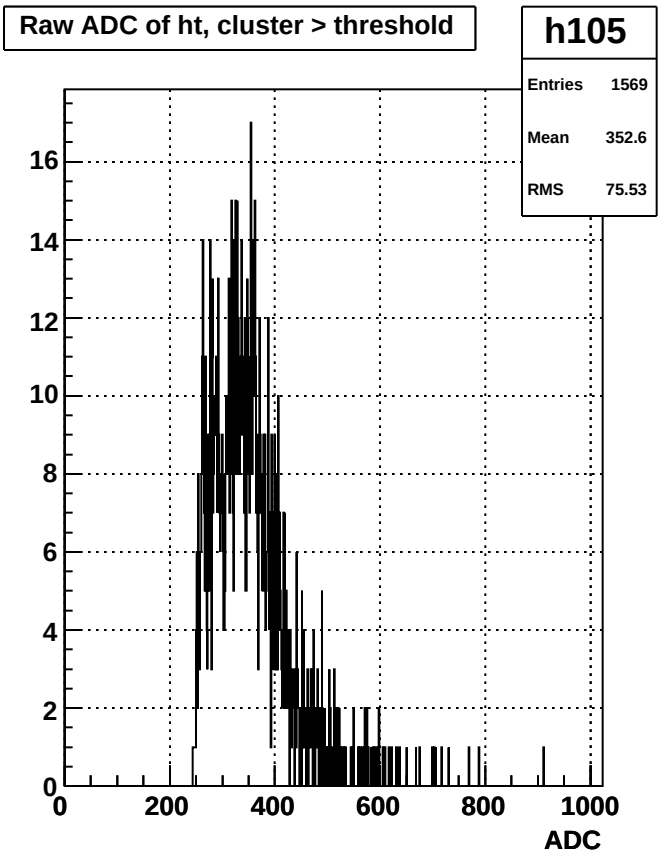

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 1569
Mean 368.9
RMS 204.1
0
2
4
6
8
10
12
14
0
100
200
300
400
500
600
700

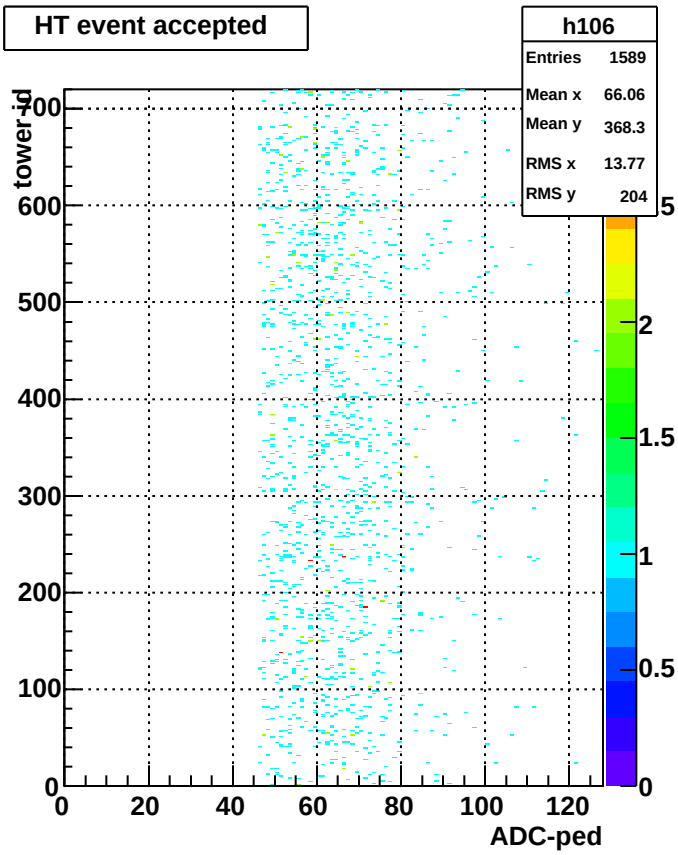

Freq. of high tower > threshold
h113a
Entries 720
Mean x 6.29
Mean y 30.15
RMS x 3.414
RMS y 16.94
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}

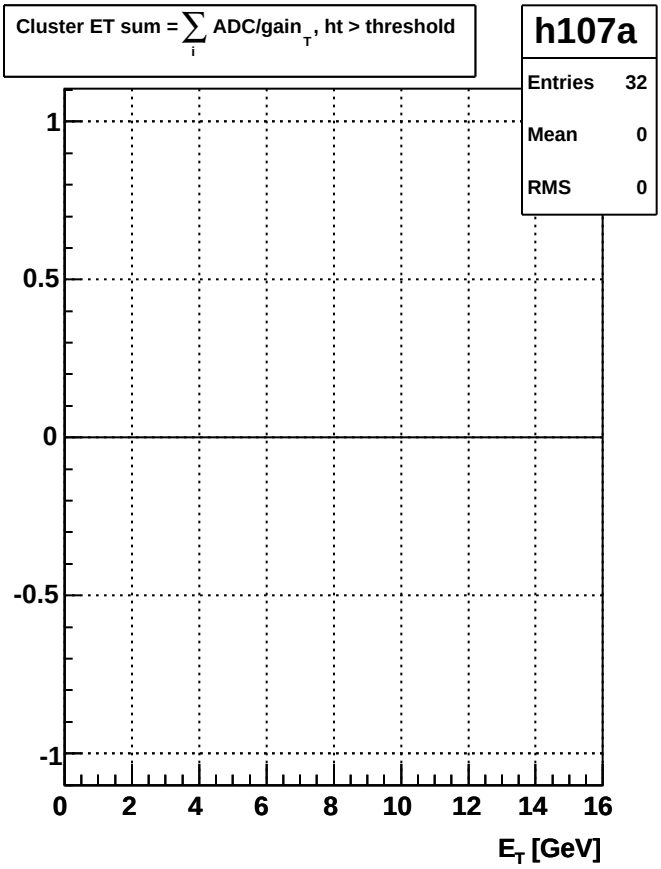

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 6.307
Mean y 30.16
RMS x 3.409
RMS y 16.95
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}

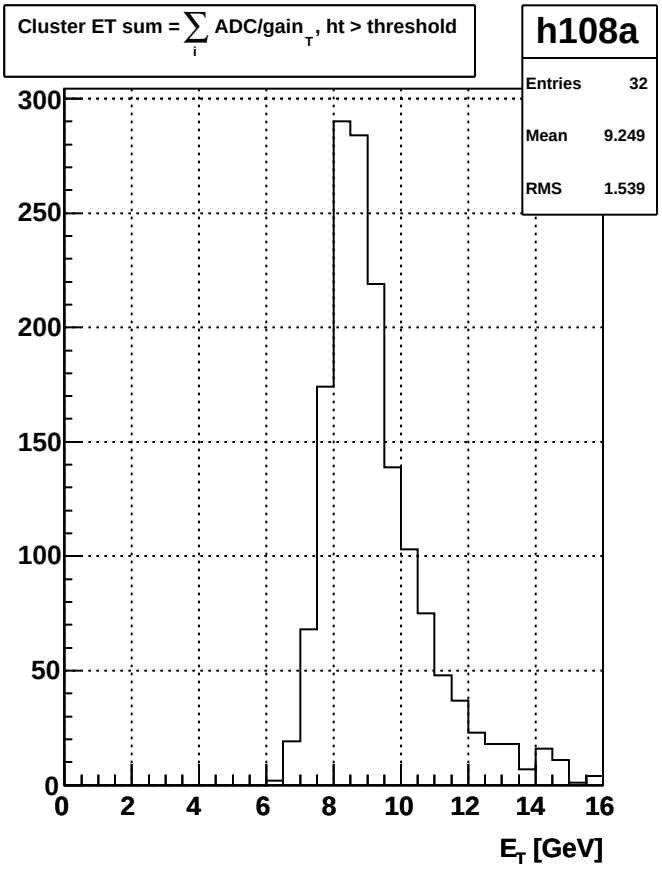

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

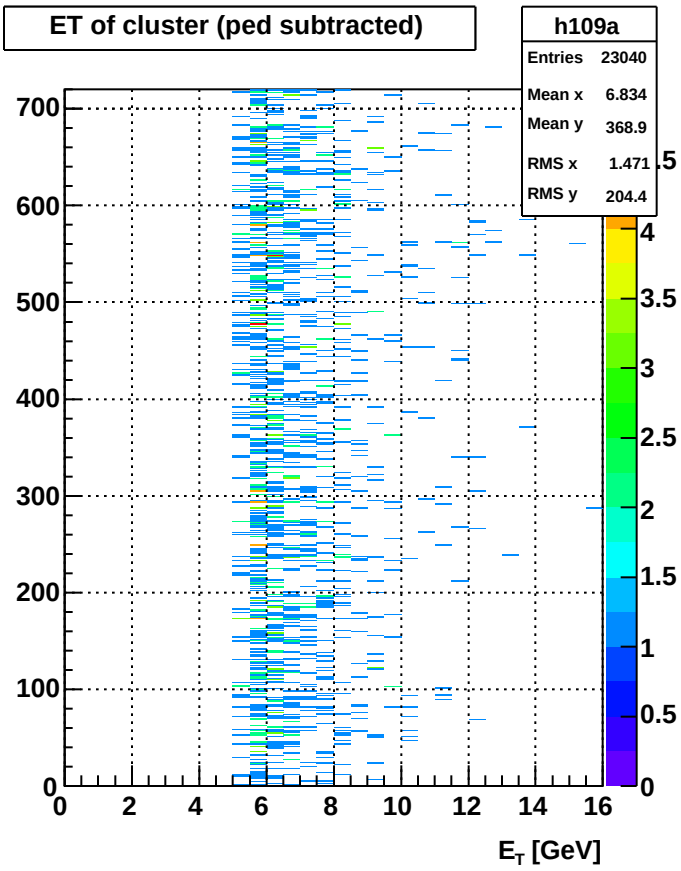

Raw ADC of ht, ht > threshold
h104
Entries 2406
Mean 333
RMS 68.87
30
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 1569
Mean 352.6
RMS 75.53
16
14
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 1589
Mean x 66.06
Mean y 368.3
RMS x 13.77
RMS y 204
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
E_T [GeV]


Cluster ET sum = $\sum_i$ ADC/gain$_T$, ht > threshold
h108a
Entries 32
Mean 9.249
RMS 1.539
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.834
Mean y 368.9
RMS x 1.471
RMS y 204.4
E_T [GeV]