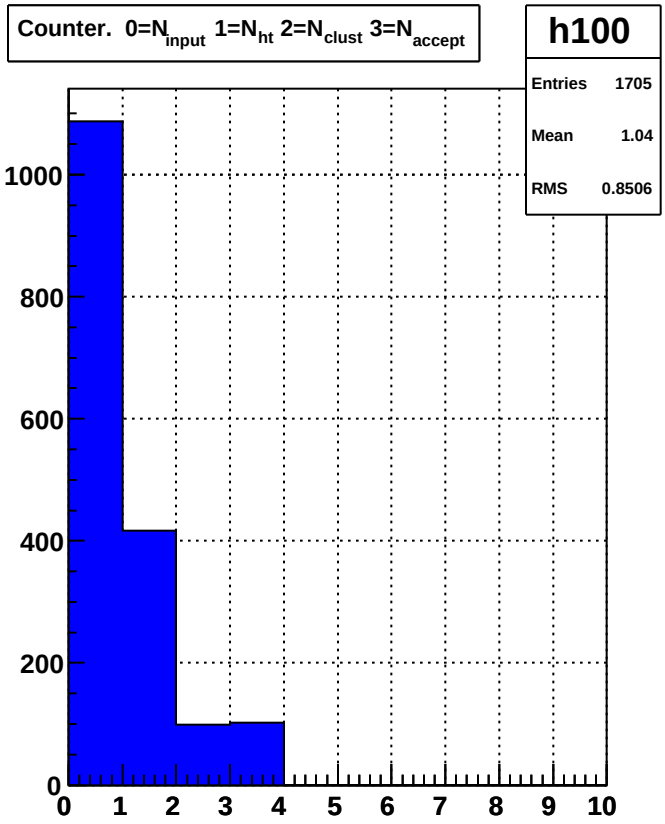
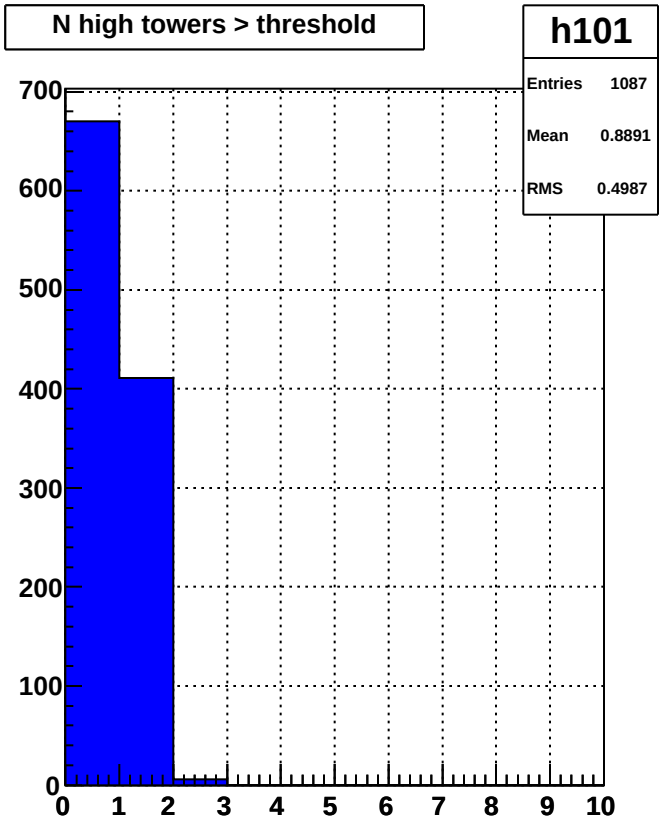
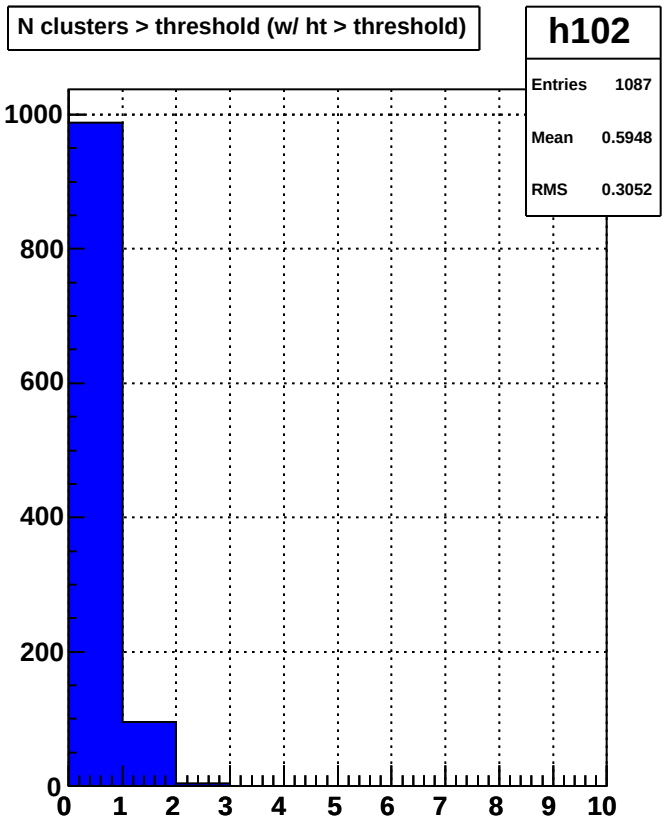
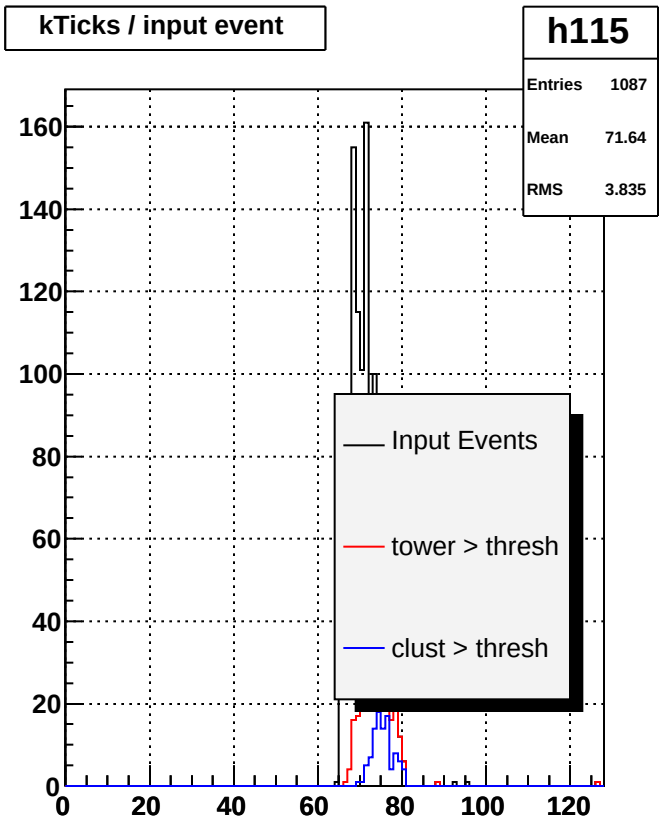
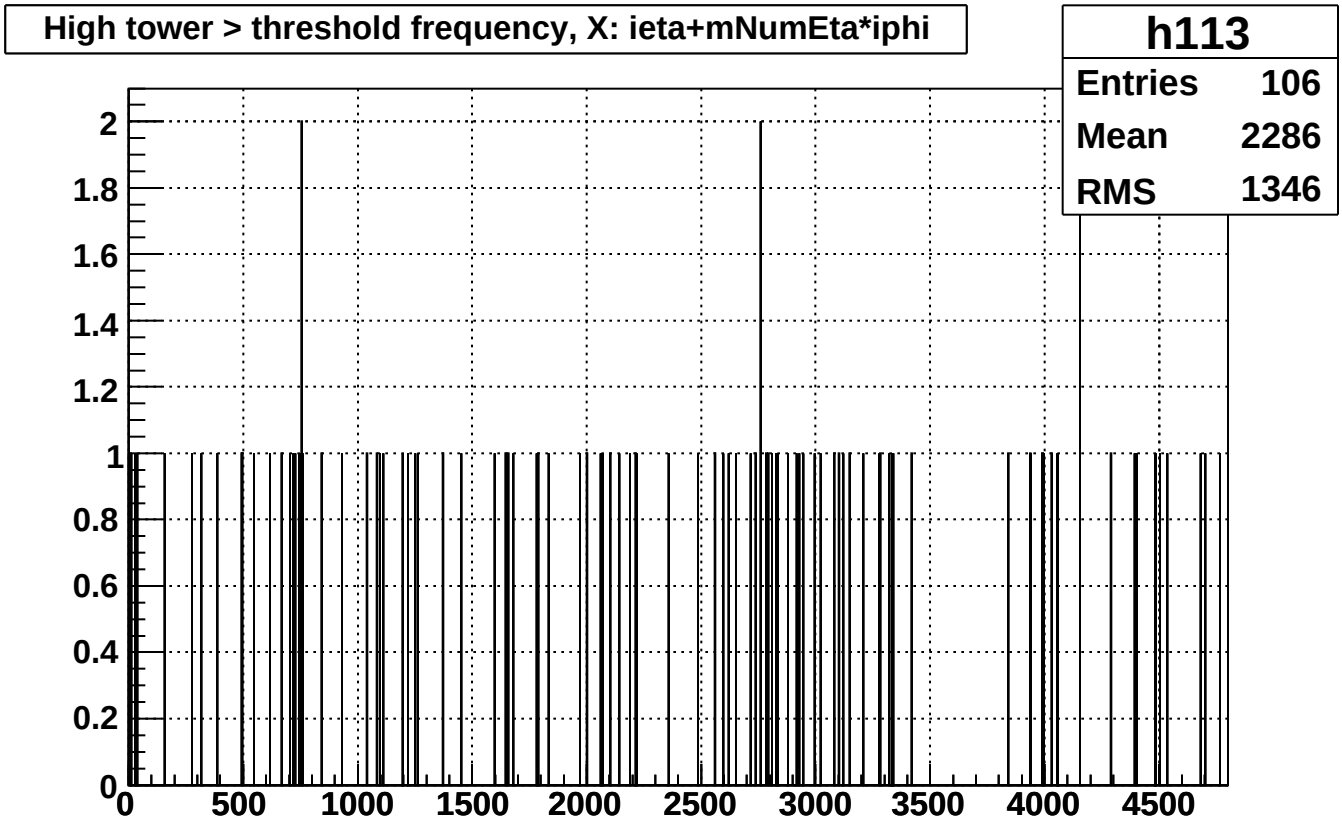
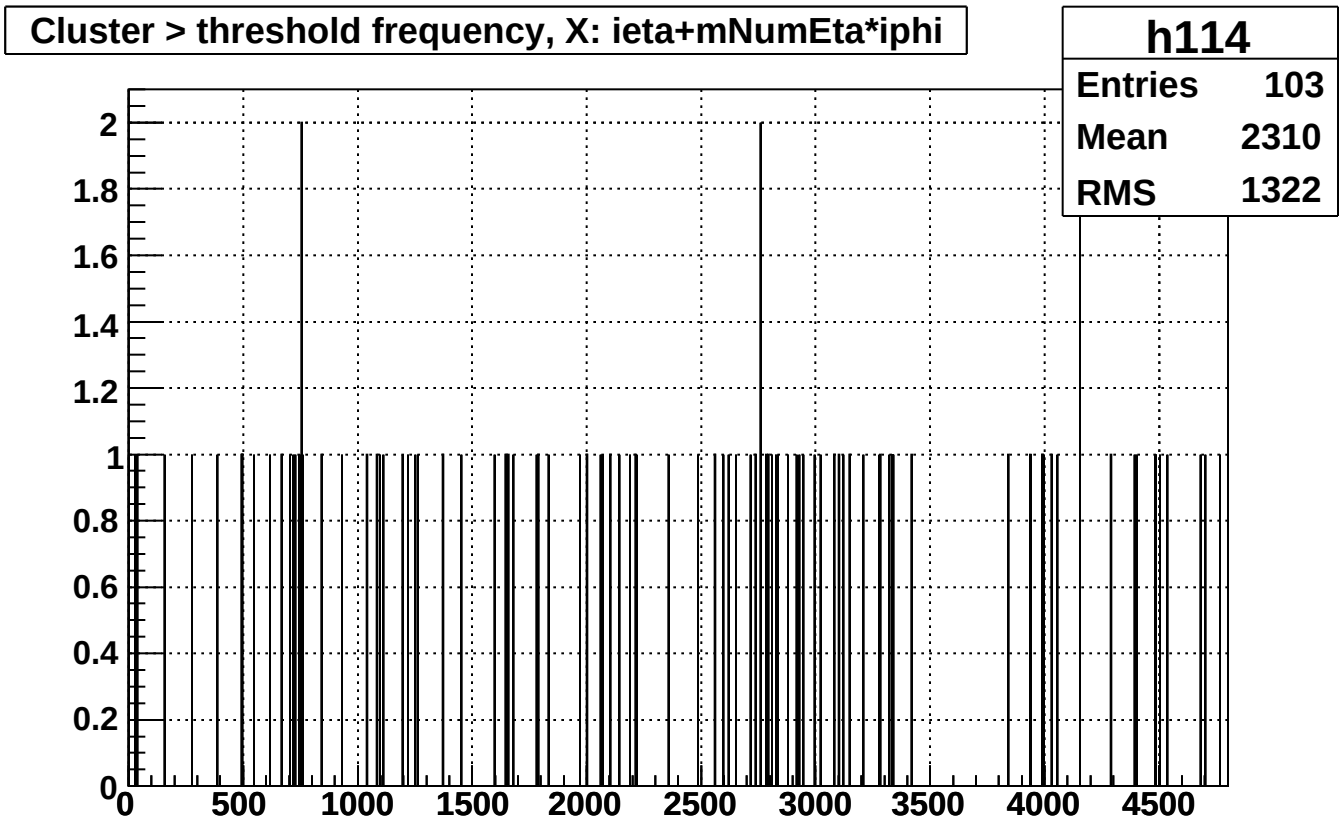

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 1705
Mean 1.04
RMS 0.8506

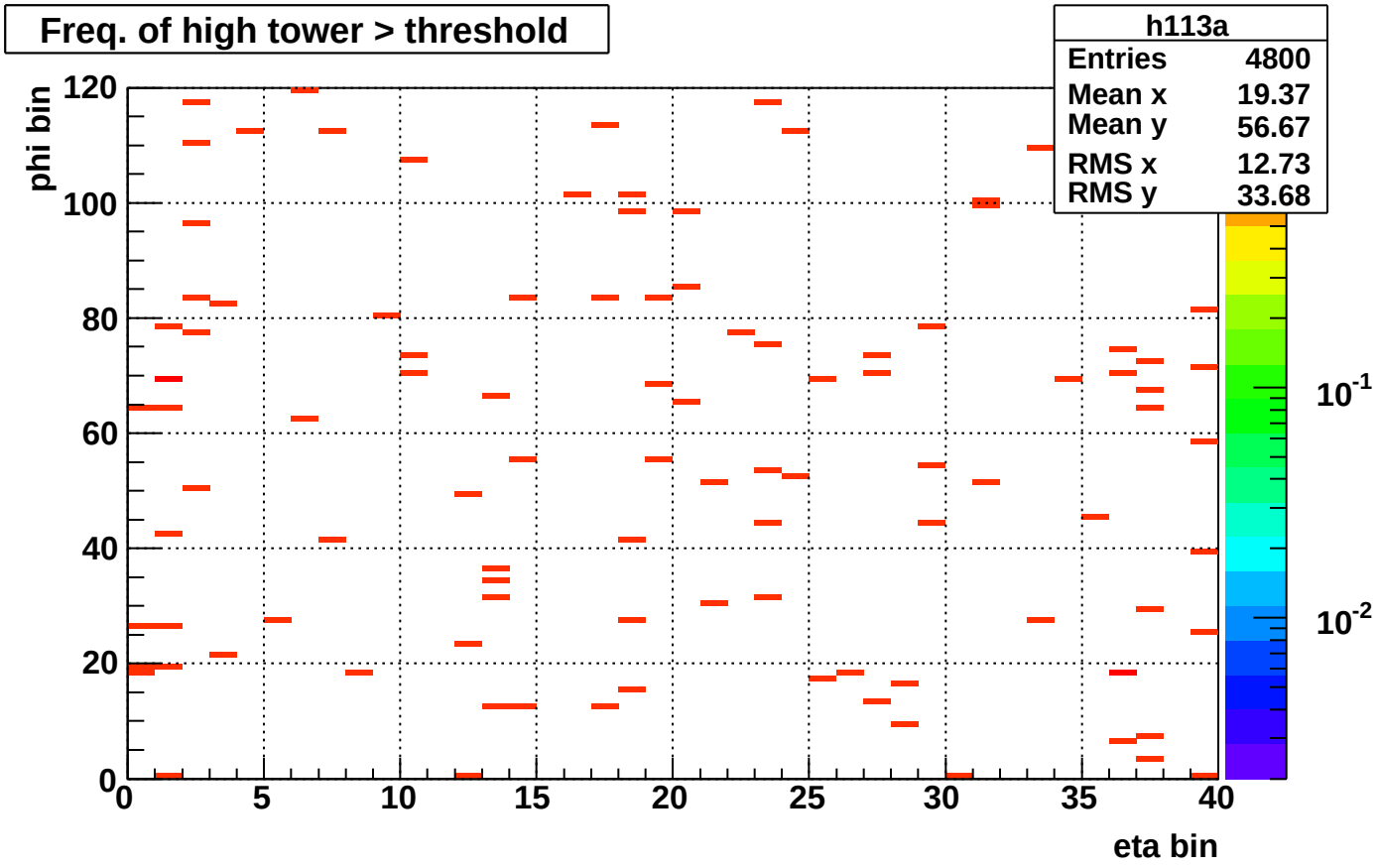

N high towers > threshold
h101
Entries 1087
Mean 0.8891
RMS 0.4987

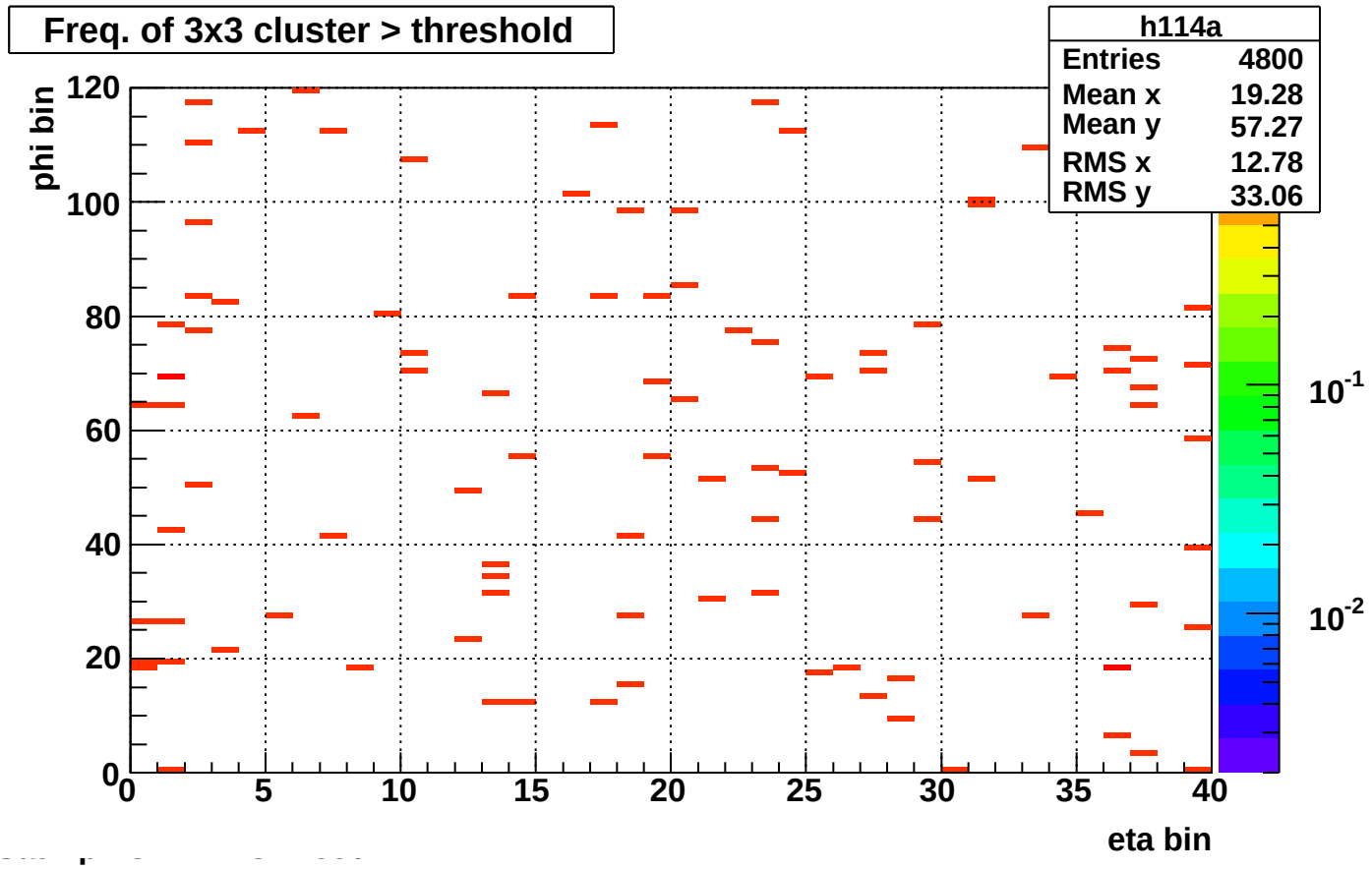

N clusters > threshold (w/ ht > threshold)
h102
Entries 1087
Mean 0.5948
RMS 0.3052

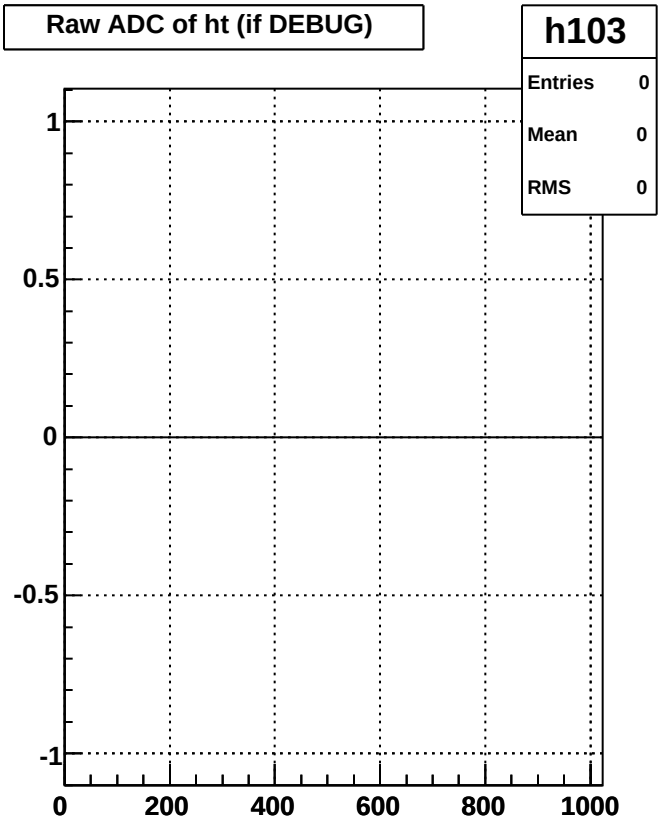

kTicks / input event
h115
Entries 1087
Mean 71.64
RMS 3.835
Input Events
tower > thresh
clust > thresh

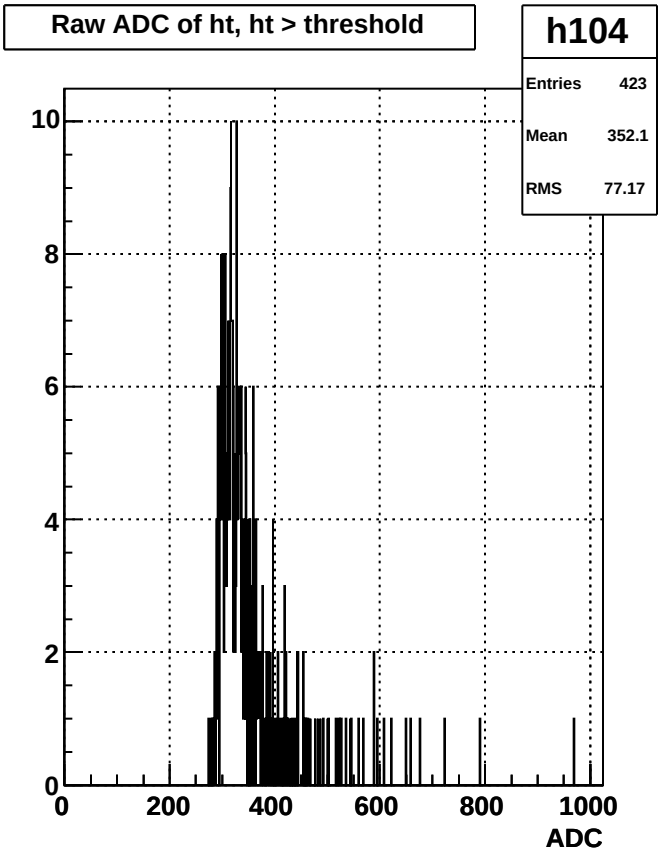

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 106
Mean 2286
RMS 1346
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
500
1000
1500
2000
2500
3000
3500
4000
4500

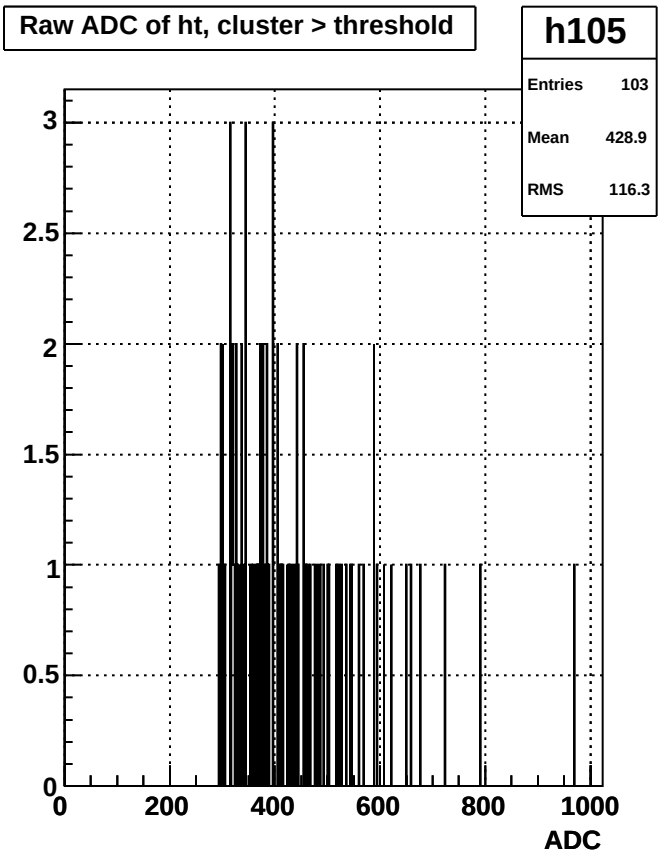

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 103
Mean 2310
RMS 1322
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
500
1000
1500
2000
2500
3000
3500
4000
4500

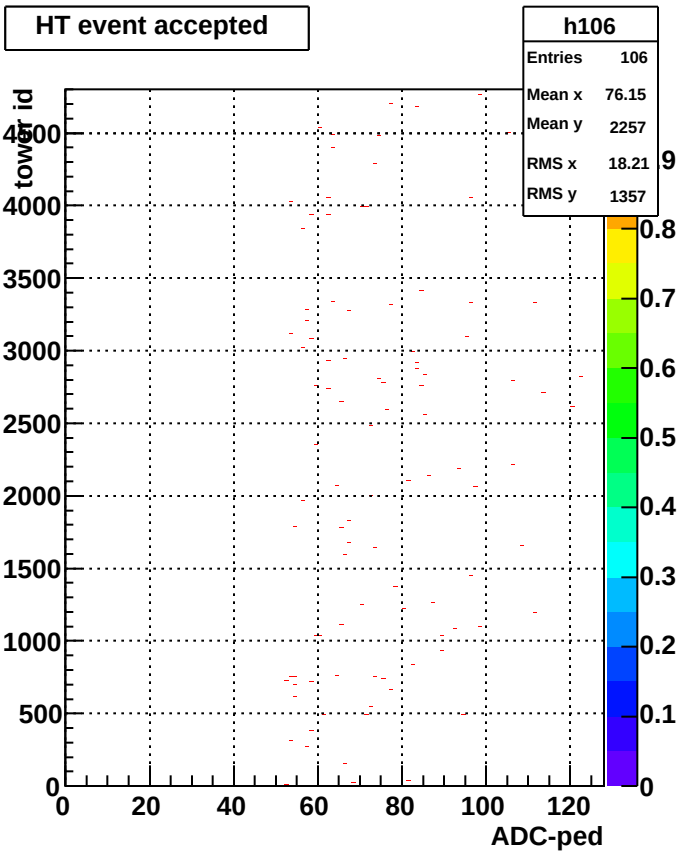

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 19.37
Mean y 56.67
RMS x 12.73
RMS y 33.68
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
10^{-1}
10^{-2}

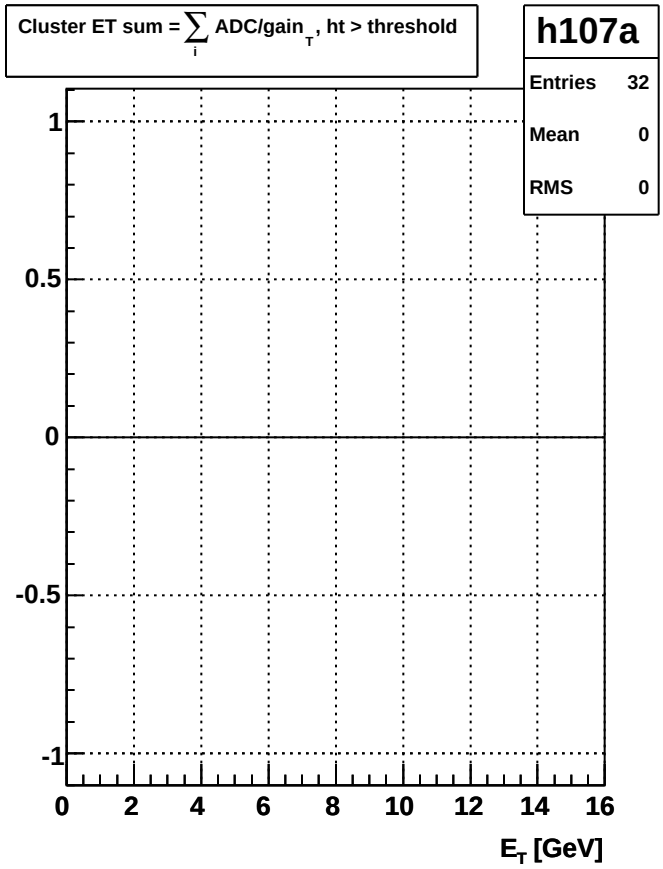

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 19.28
Mean y 57.27
RMS x 12.78
RMS y 33.06
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
10^{-1}
10^{-2}

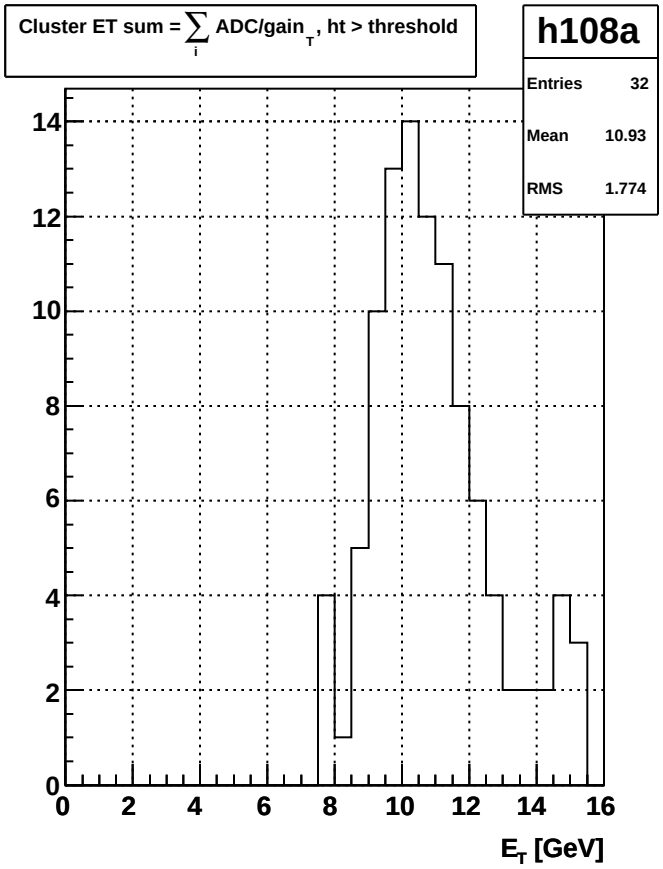

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

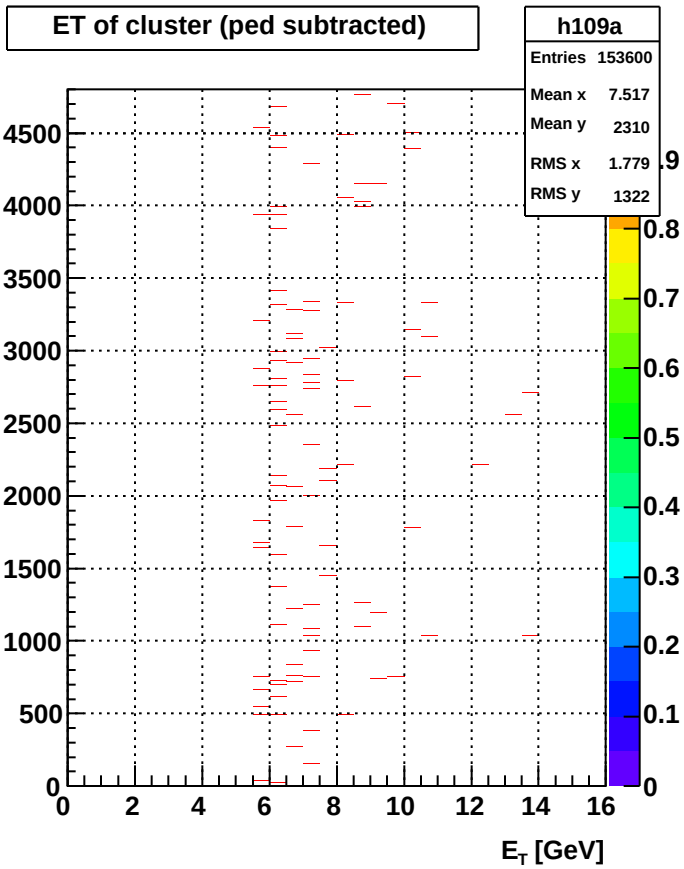

Raw ADC of ht, ht > threshold
h104
Entries 423
Mean 352.1
RMS 77.17
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 103
Mean 428.9
RMS 116.3
3
2.5
2
1.5
1
0.5
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 106
Mean x 76.15
Mean y 2257
RMS x 18.21
RMS y 1357
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
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 10.93
RMS 1.774
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 7.517
Mean y 2310
RMS x 1.779
RMS y 1322
E_T [GeV]