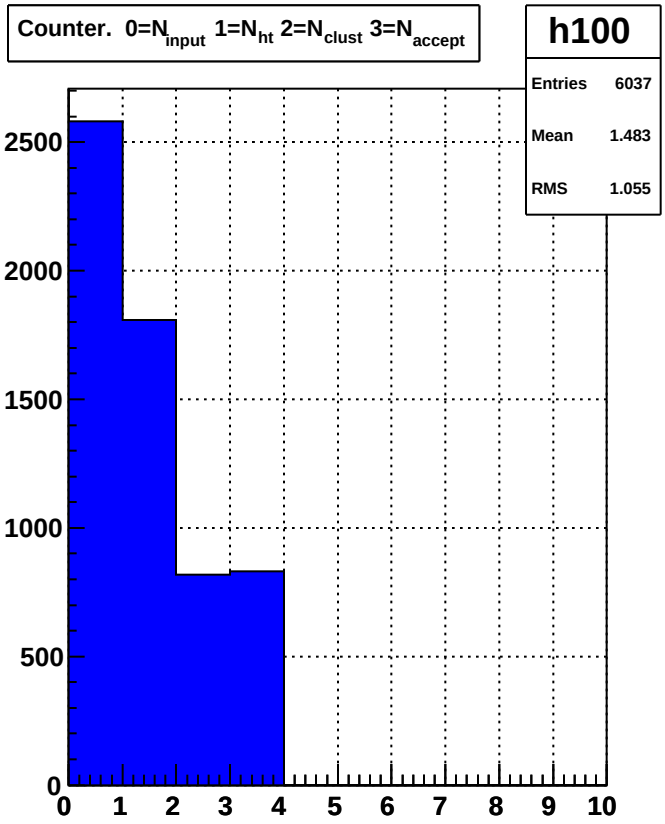
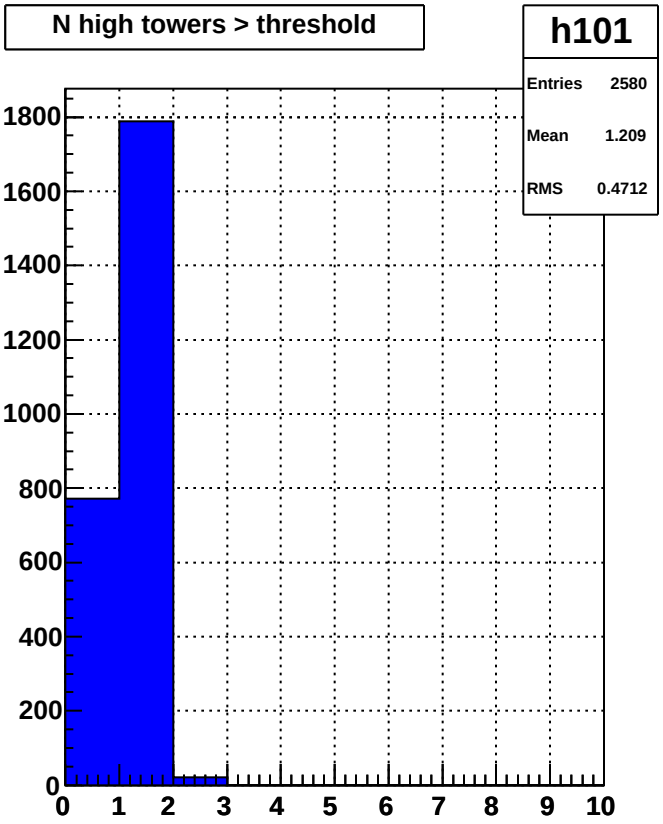
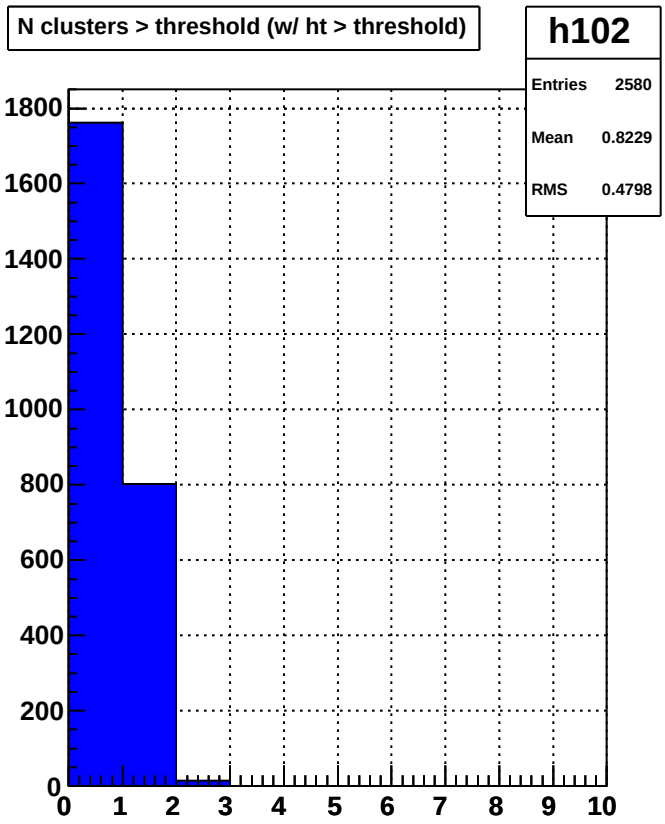
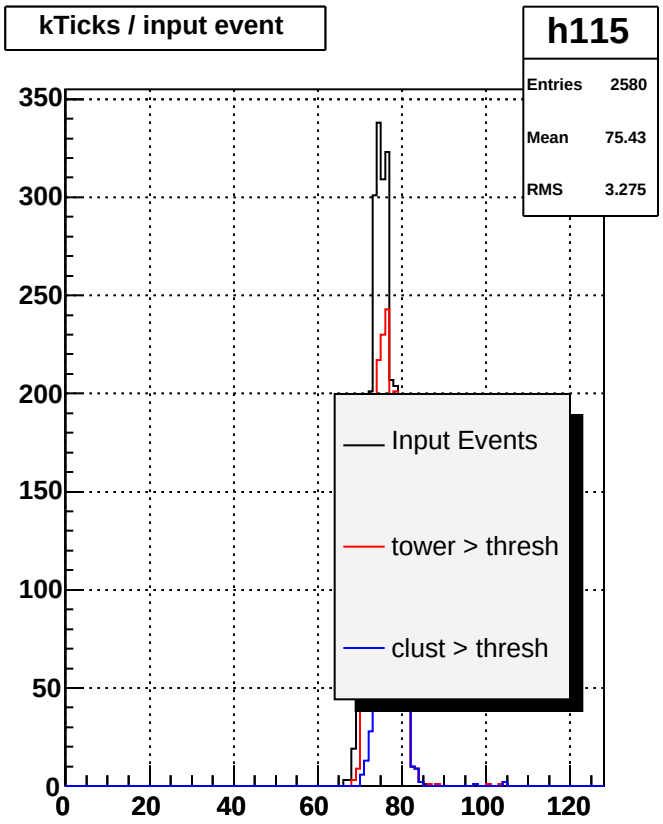
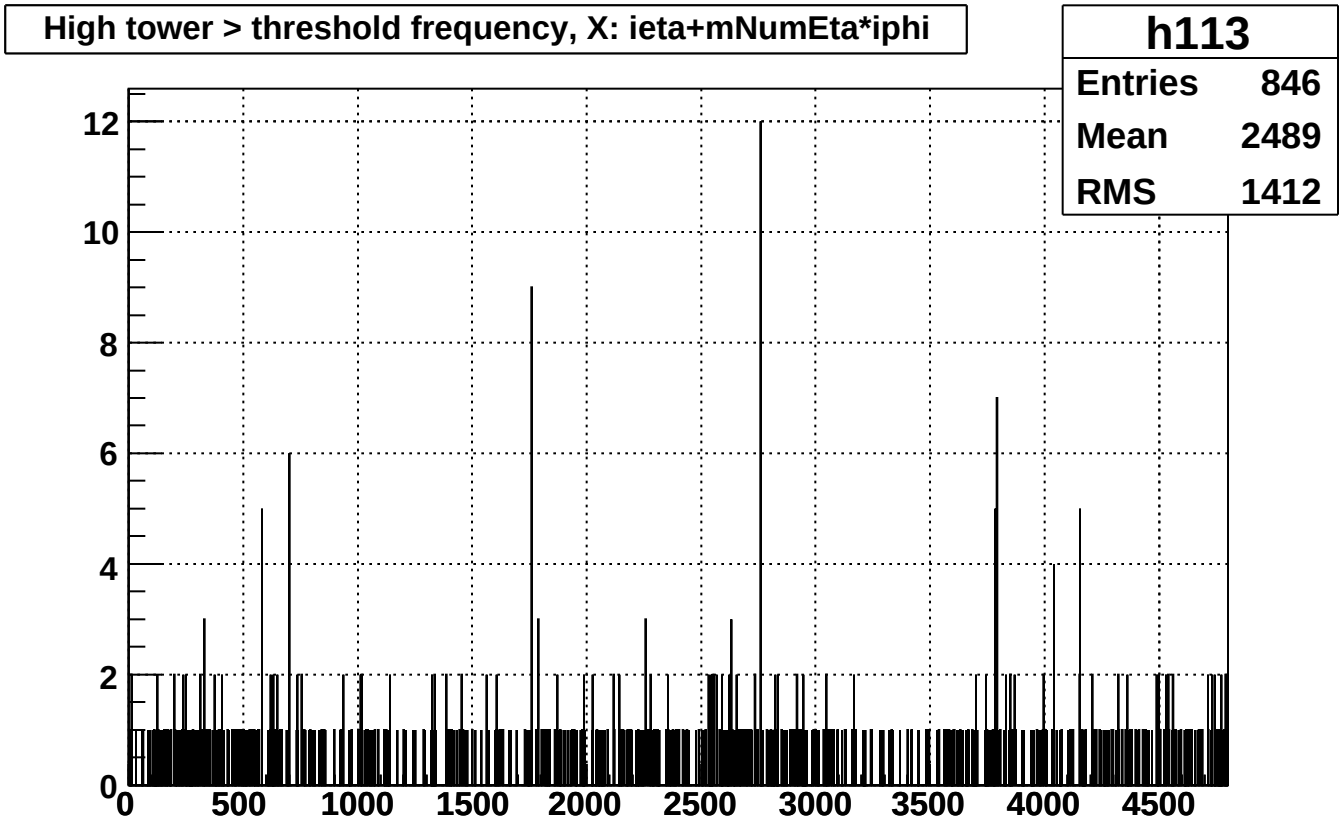
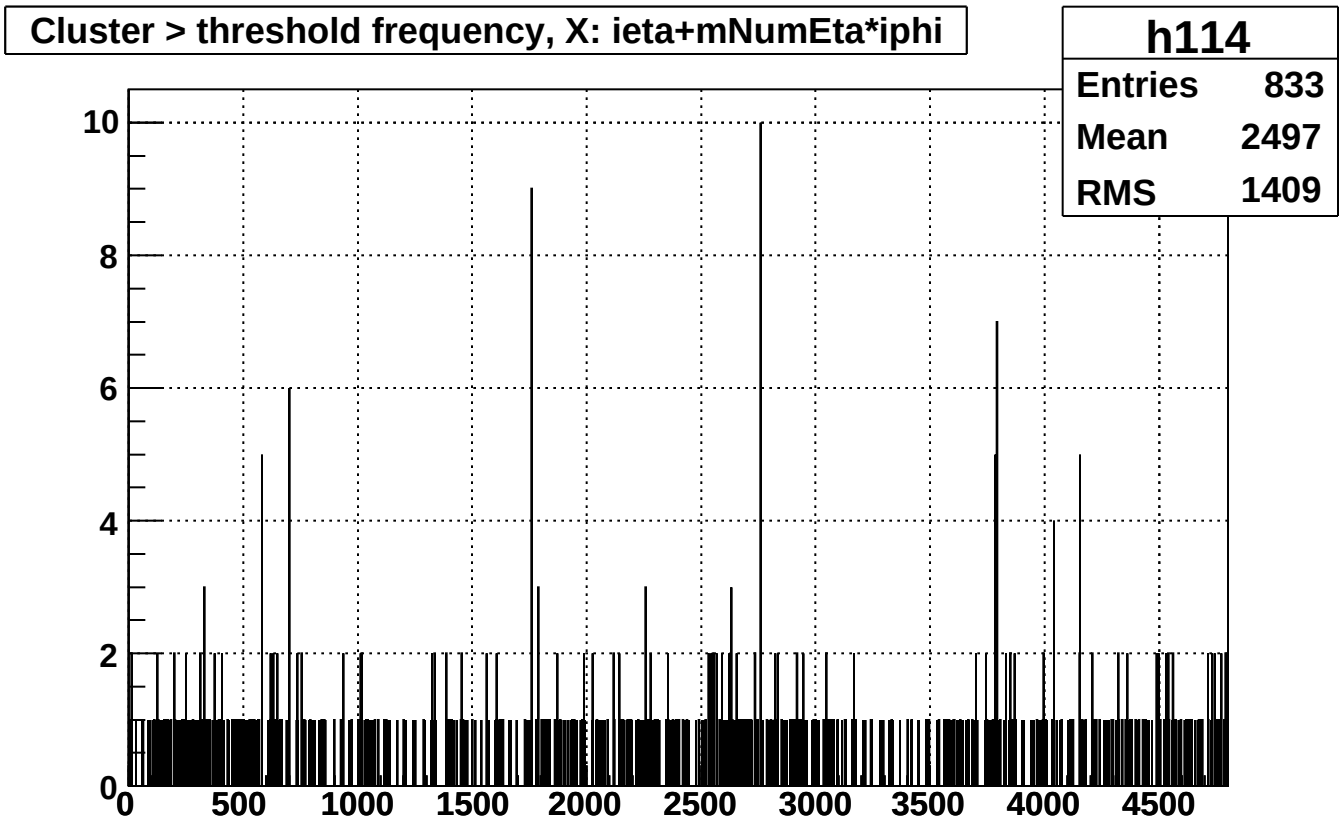

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 6037
Mean 1.483
RMS 1.055

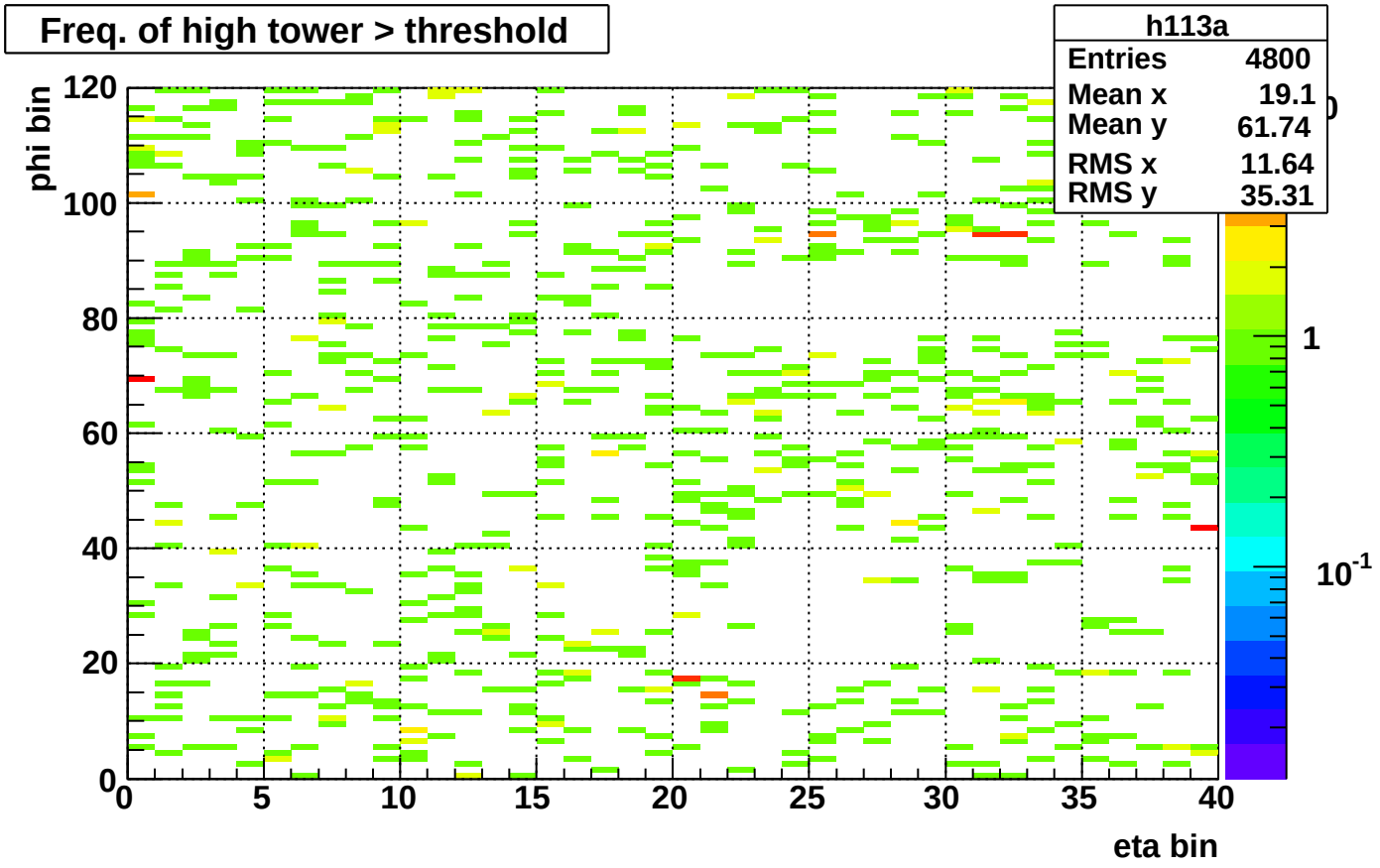

N high towers > threshold
h101
Entries 2580
Mean 1.209
RMS 0.4712

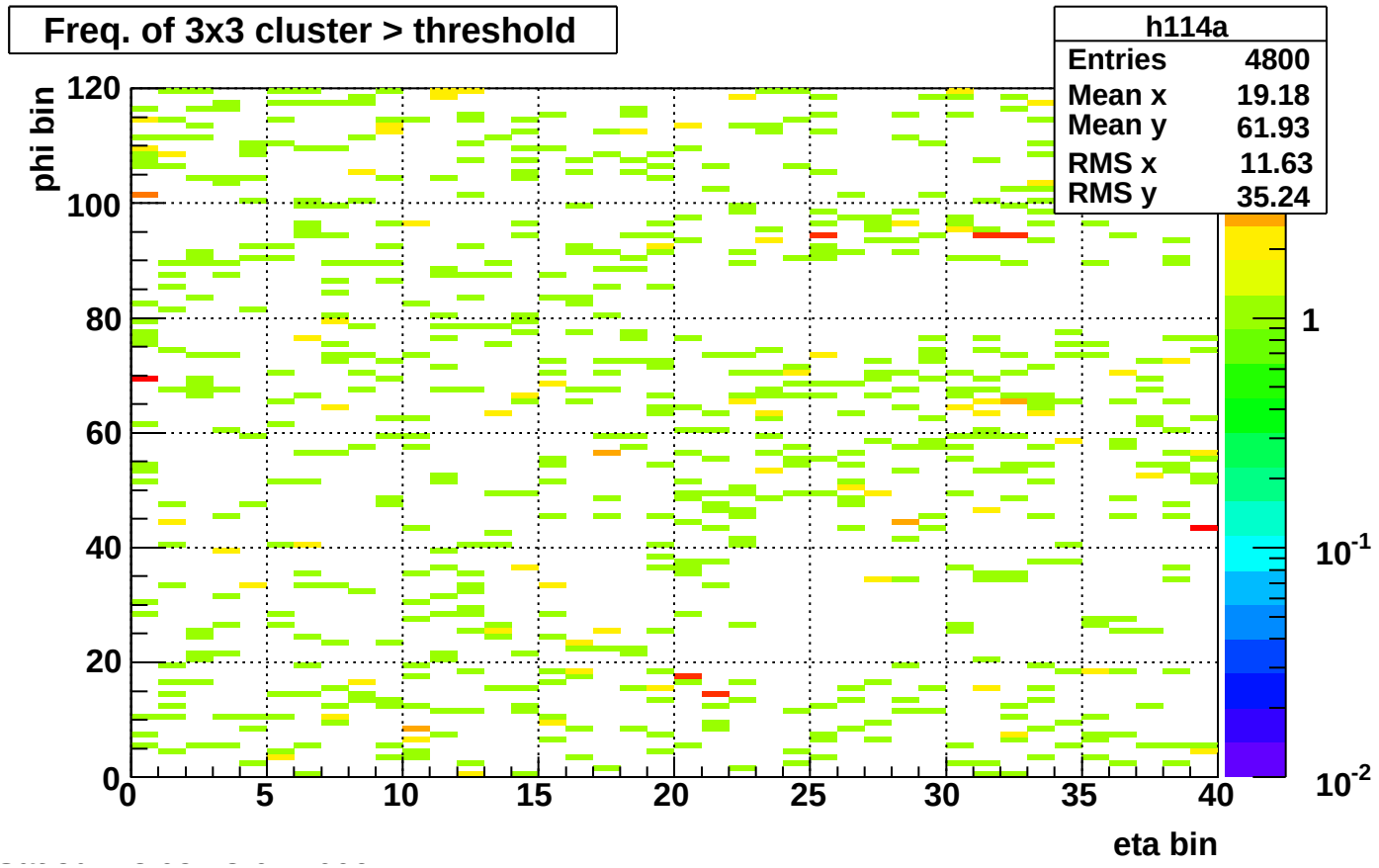

N clusters > threshold (w/ ht > threshold)
h102
Entries 2580
Mean 0.8229
RMS 0.4798

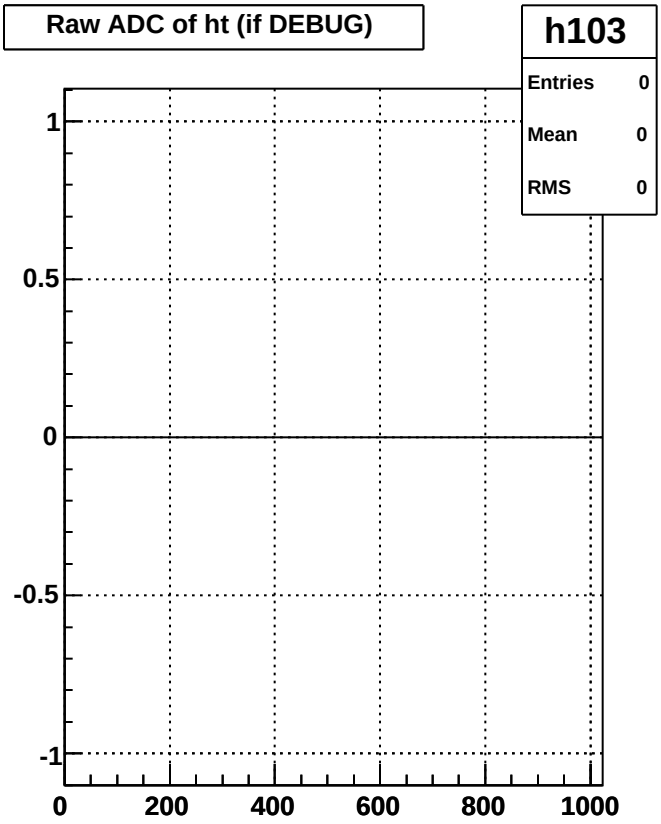

kTicks / input event
h115
Entries 2580
Mean 75.43
RMS 3.275
Input Events
tower > thresh
clust > thresh

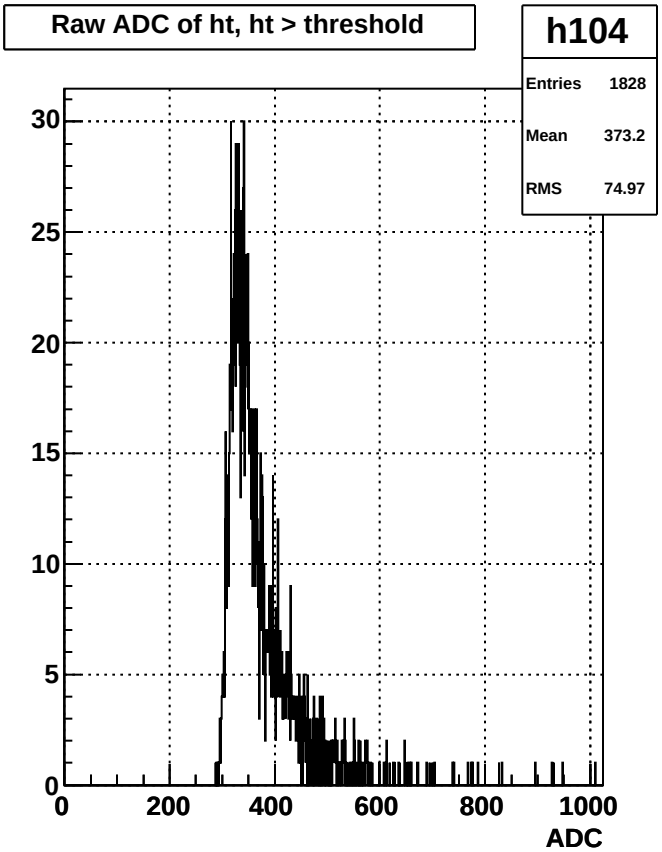

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 846
Mean 2489
RMS 1412
0
2
4
6
8
10
12
0
500
1000
1500
2000
2500
3000
3500
4000
4500

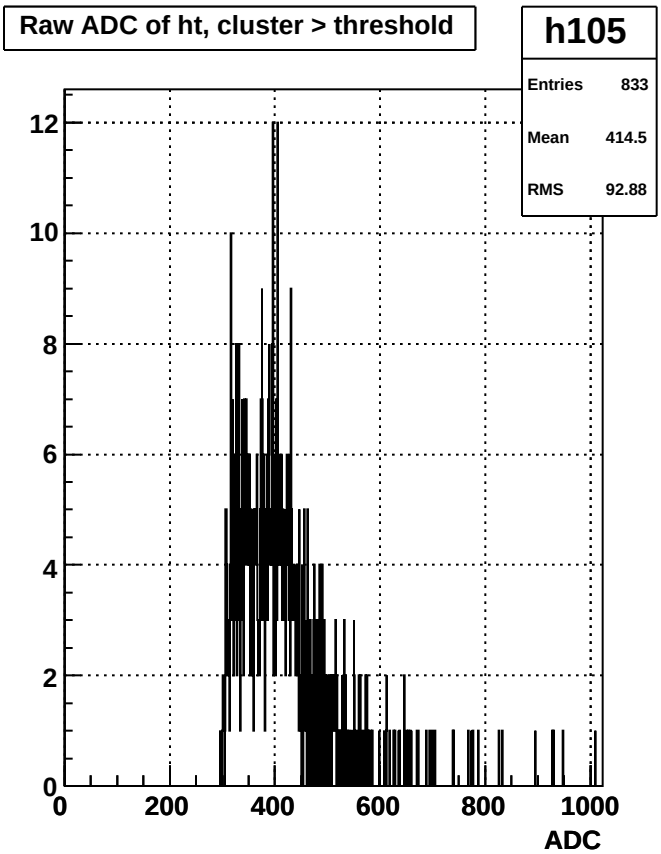

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 833
Mean 2497
RMS 1409
0
2
4
6
8
10
0
500
1000
1500
2000
2500
3000
3500
4000
4500

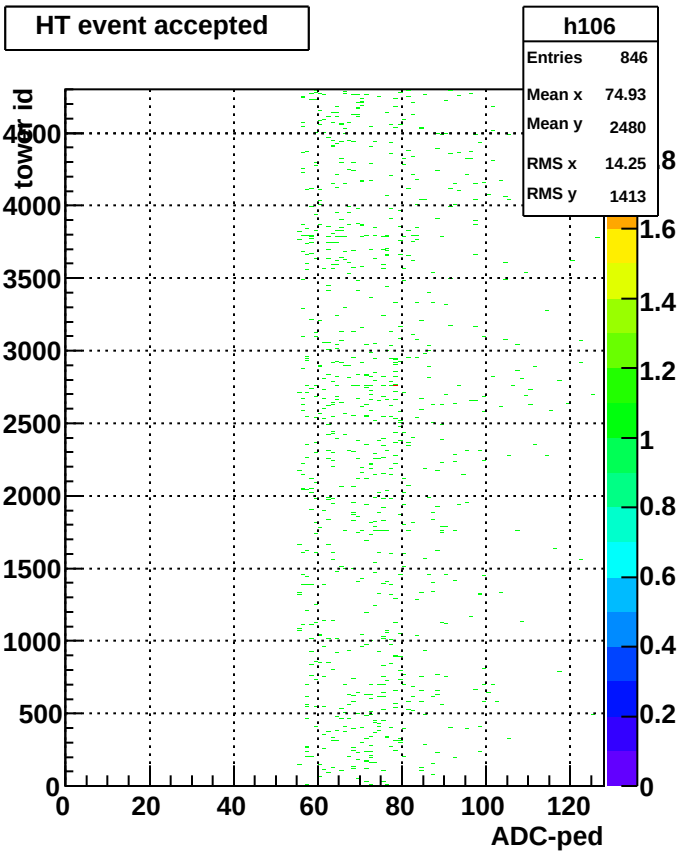

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 19.1
Mean y 61.74
RMS x 11.64
RMS y 35.31
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

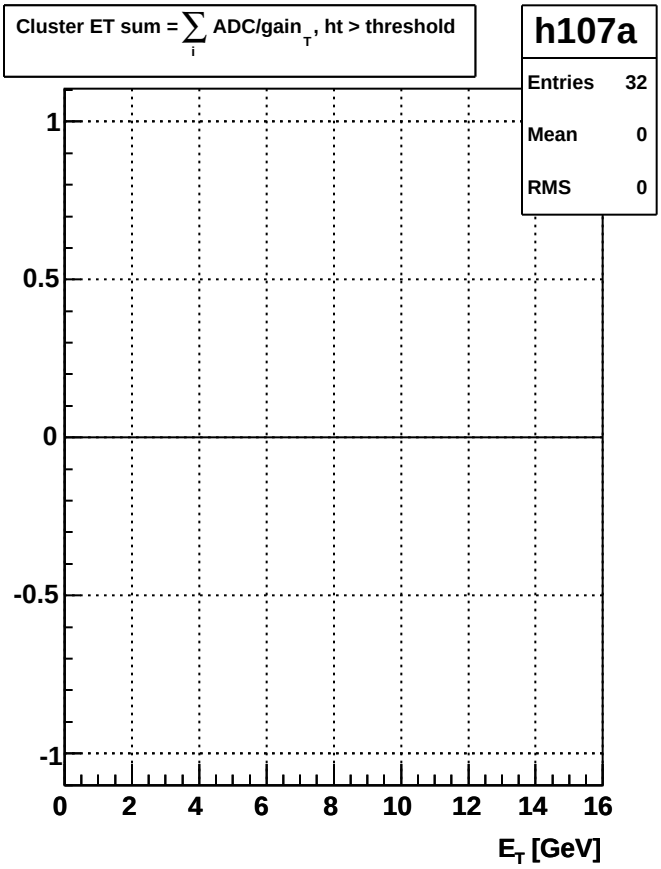

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 19.18
Mean y 61.93
RMS x 11.63
RMS y 35.24
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}
10^{-2}

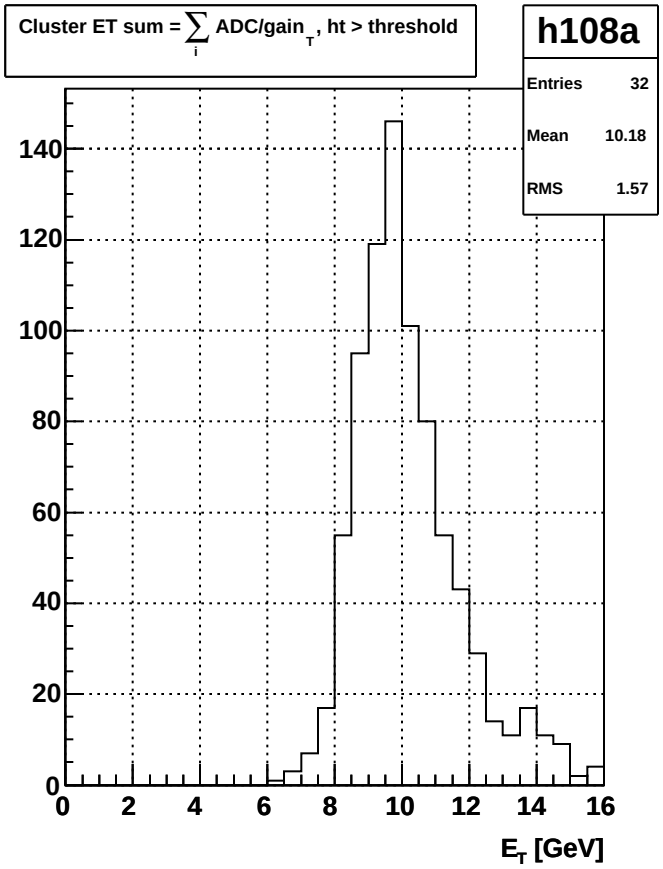

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

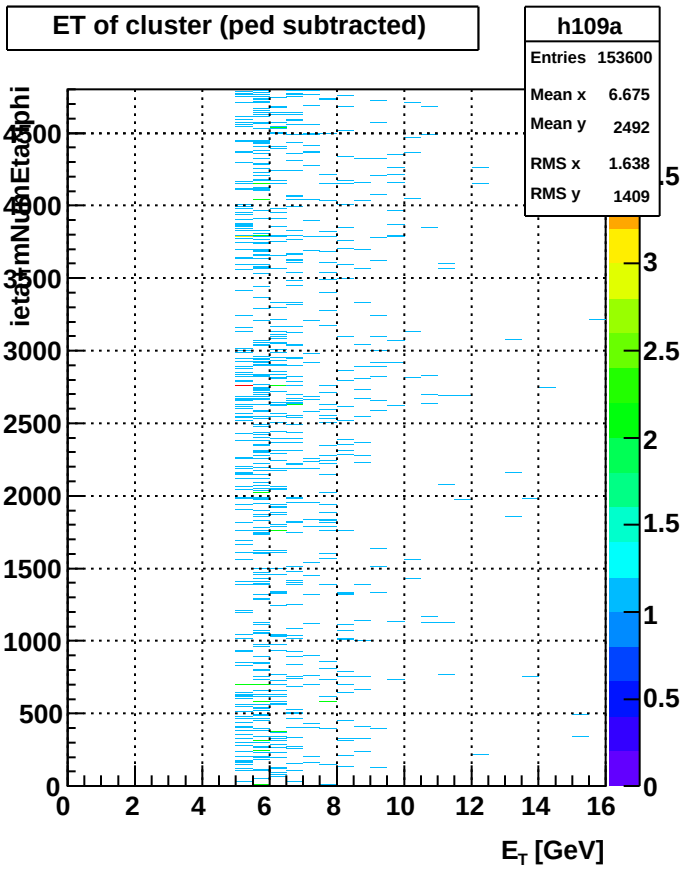

Raw ADC of ht, ht > threshold
h104
Entries 1828
Mean 373.2
RMS 74.97
30
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 833
Mean 414.5
RMS 92.88
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 846
Mean x 74.93
Mean y 2480
RMS x 14.25
RMS y 1413
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
ADC-ped
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
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 10.18
RMS 1.57
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 6.675
Mean y 2492
RMS x 1.638
RMS y 1409
ietaNumEtaPhi
E_T [GeV]