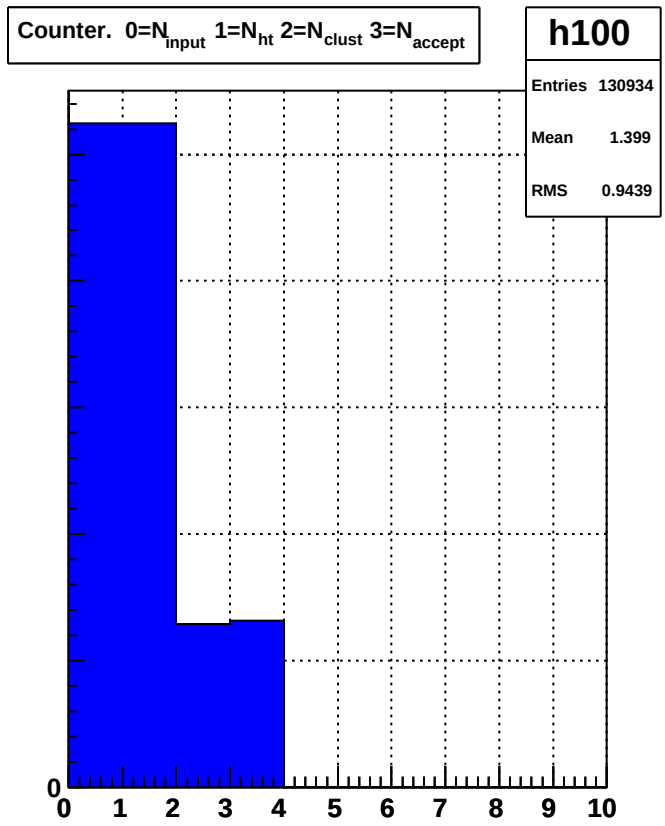
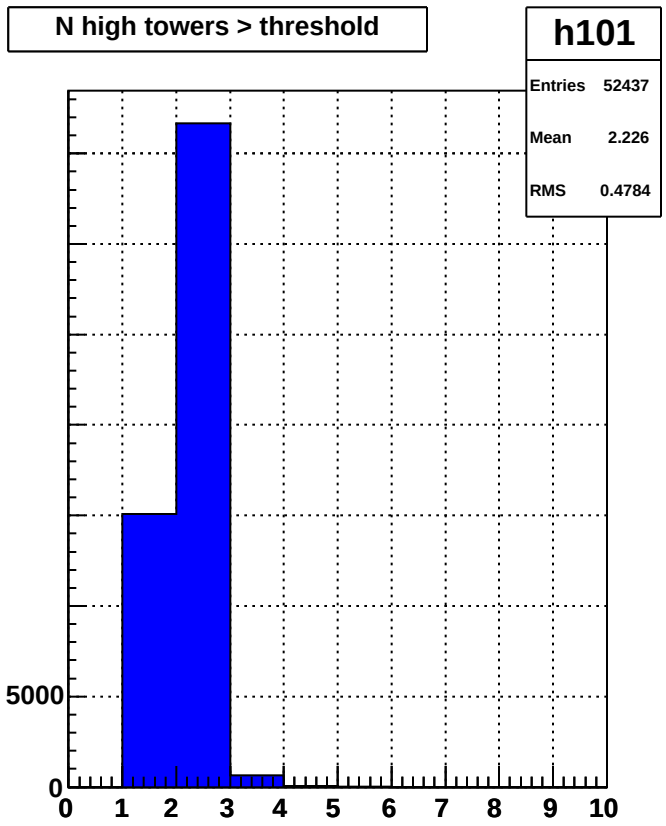
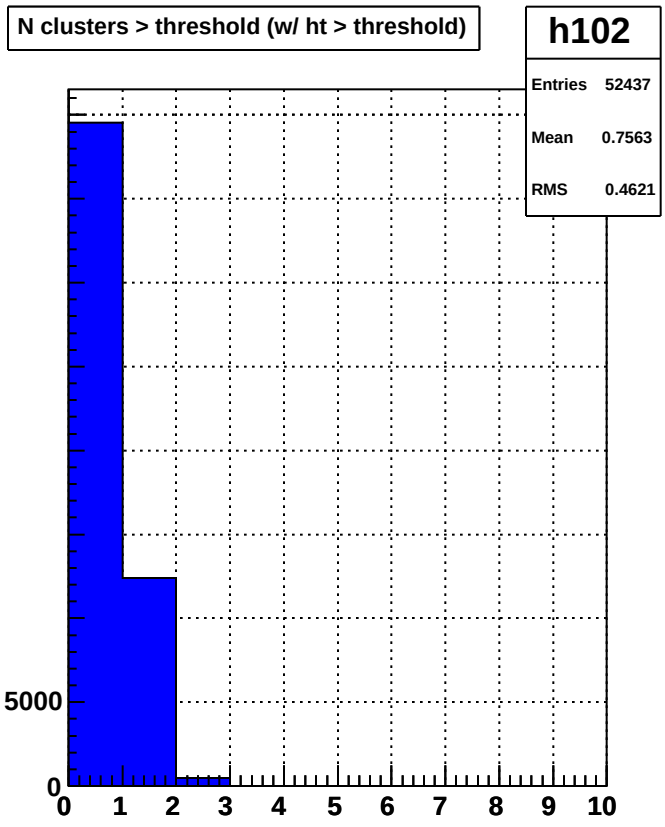
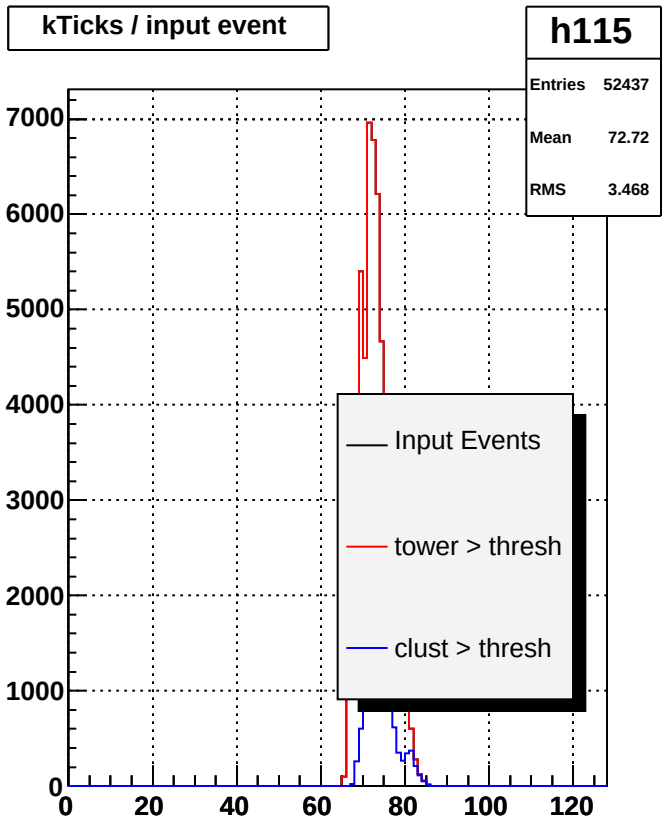
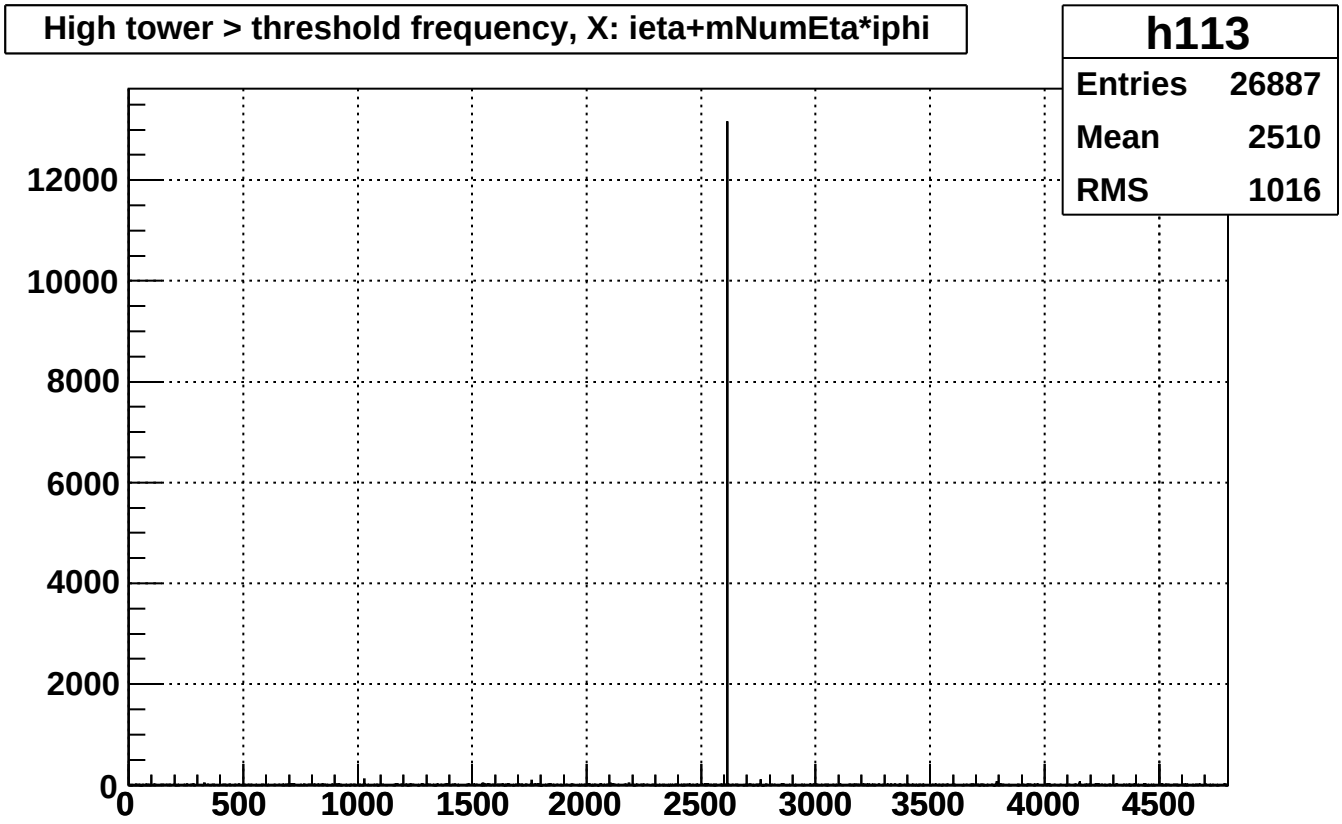
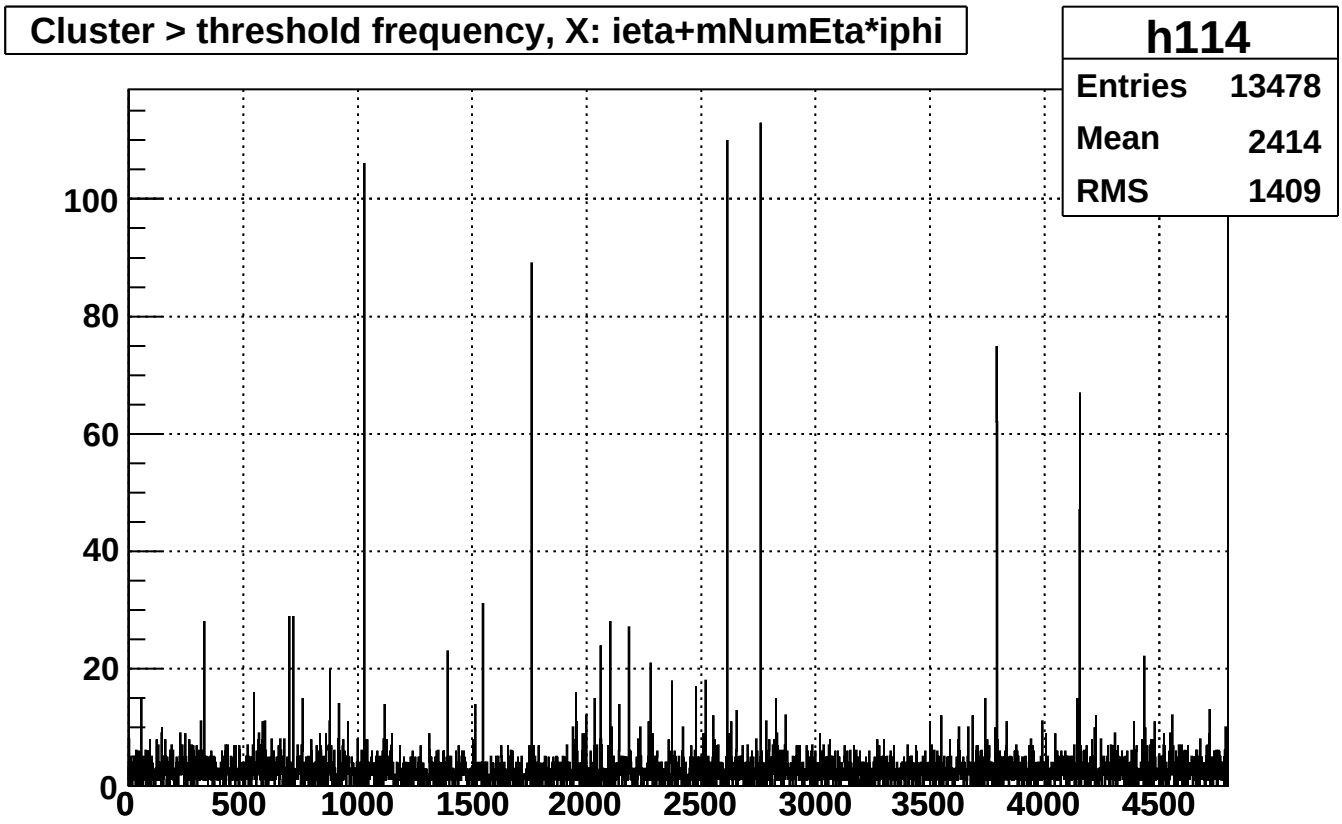

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 130934
Mean 1.399
RMS 0.9439
0
0 1 2 3 4 5 6 7 8 9 10

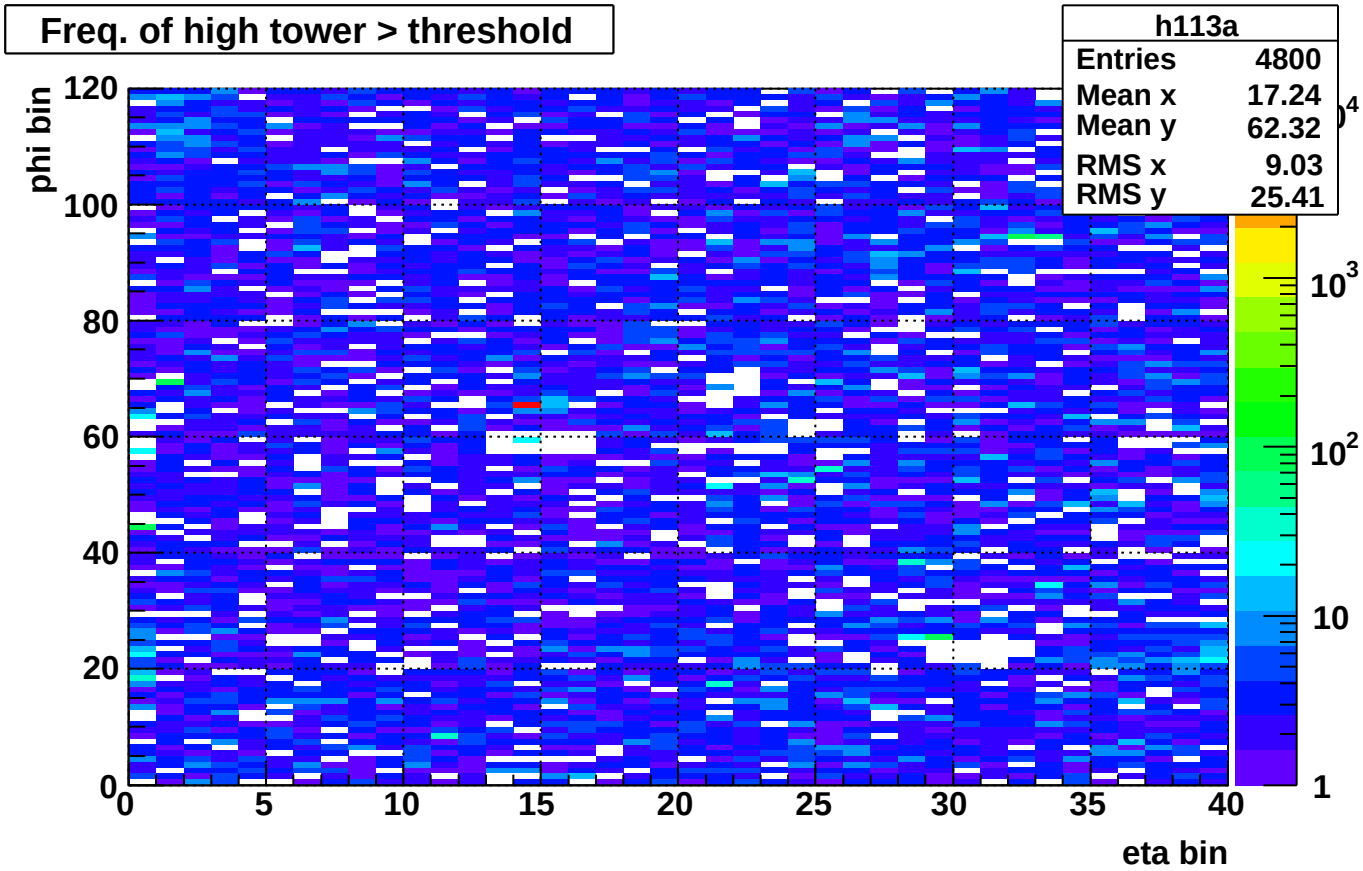

N high towers > threshold
h101
Entries 52437
Mean 2.226
RMS 0.4784
5000
0
0 1 2 3 4 5 6 7 8 9 10

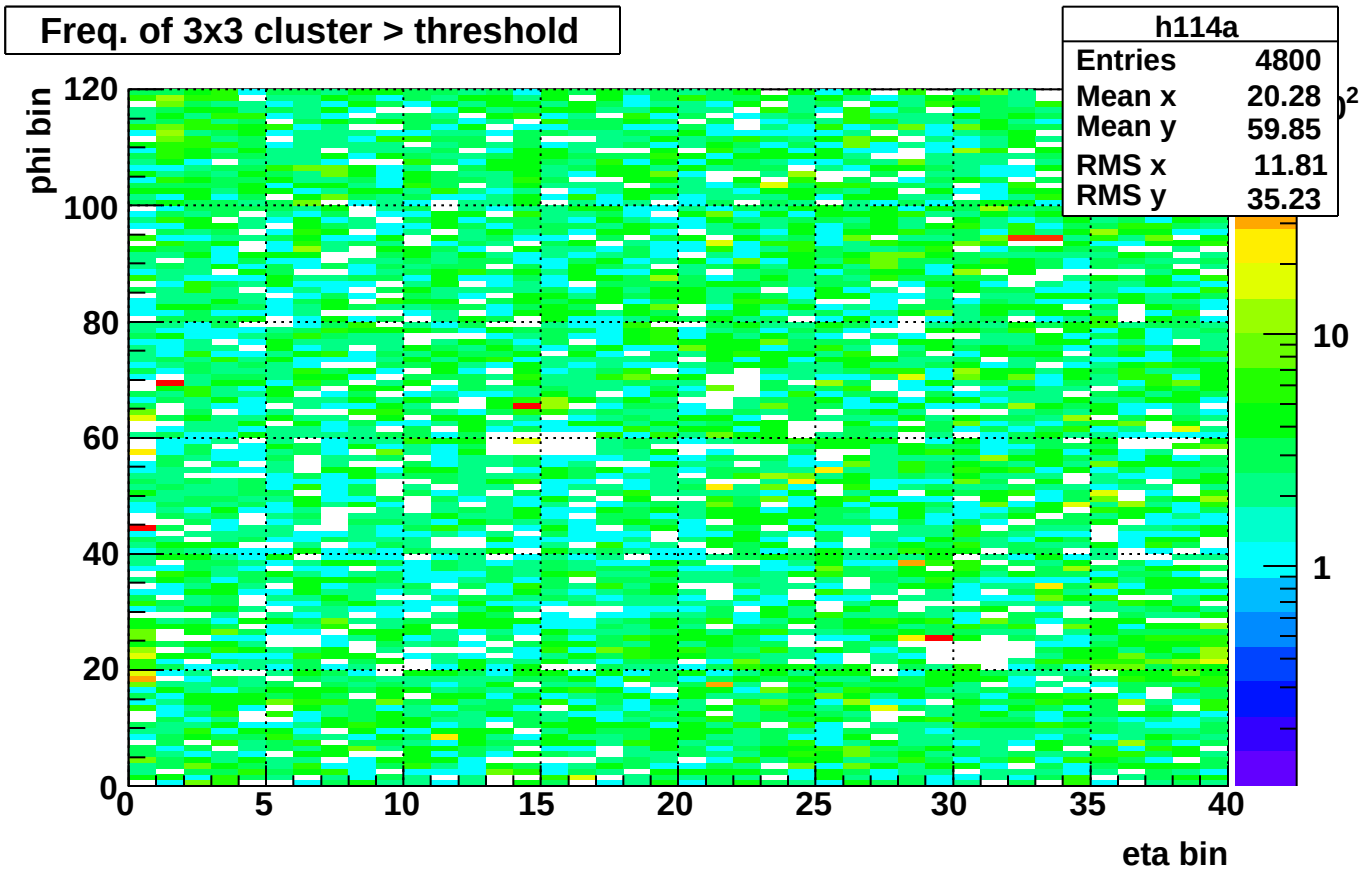

N clusters > threshold (w/ ht > threshold)
h102
Entries 52437
Mean 0.7563
RMS 0.4621
5000
0
0 1 2 3 4 5 6 7 8 9 10

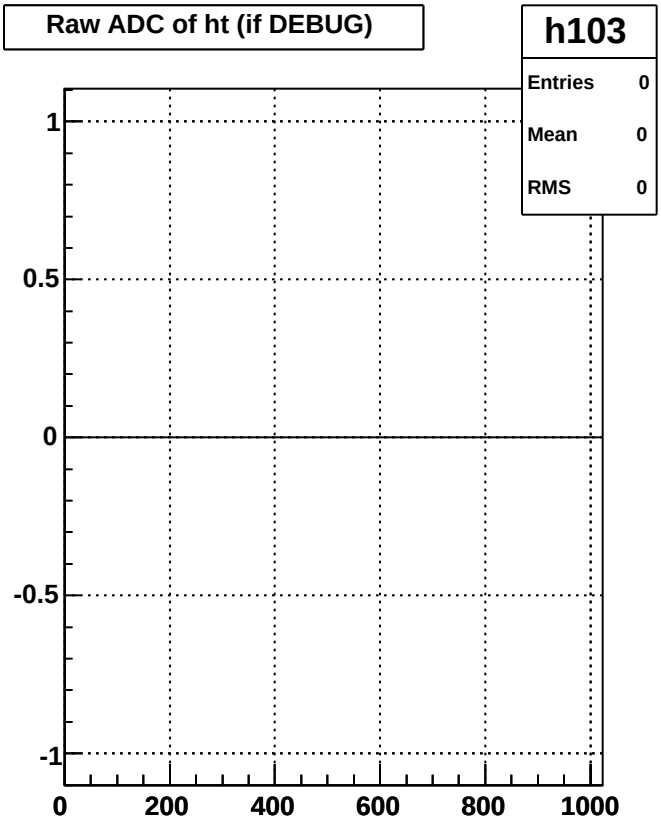

kTicks / input event
h115
Entries 52437
Mean 72.72
RMS 3.468
7000
6000
5000
4000
3000
2000
1000
0
0 20 40 60 80 100 120
Input Events
tower > thresh
clust > thresh

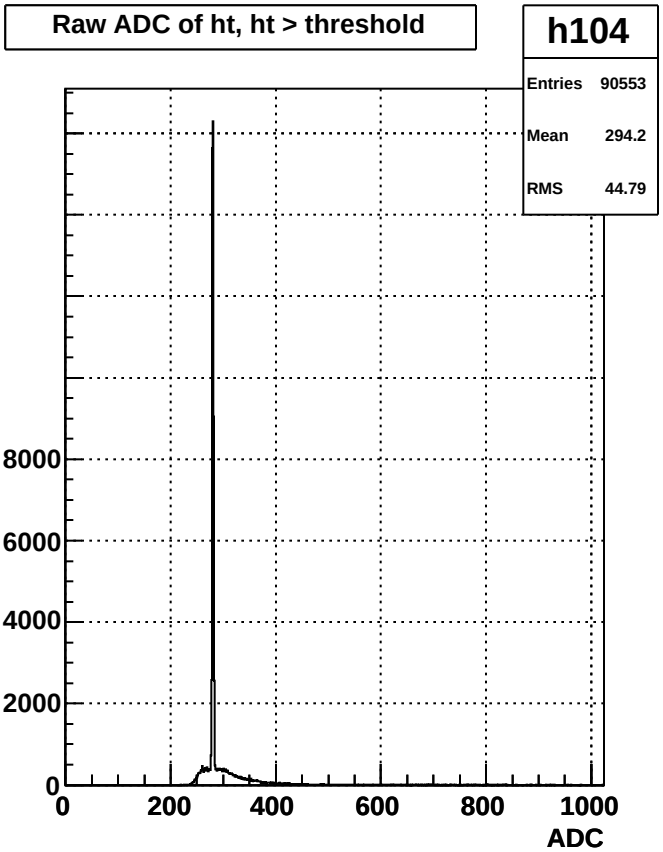

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 26887
Mean 2510
RMS 1016
12000
10000
8000
6000
4000
2000
0
0
500
1000
1500
2000
2500
3000
3500
4000
4500

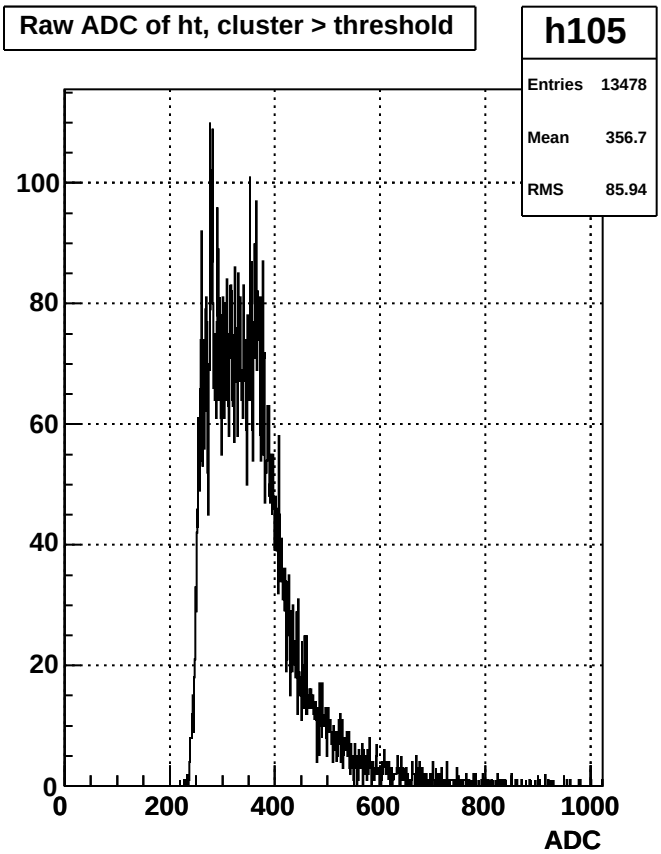

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 13478
Mean 2414
RMS 1409
100
80
60
40
20
0
0
500
1000
1500
2000
2500
3000
3500
4000
4500

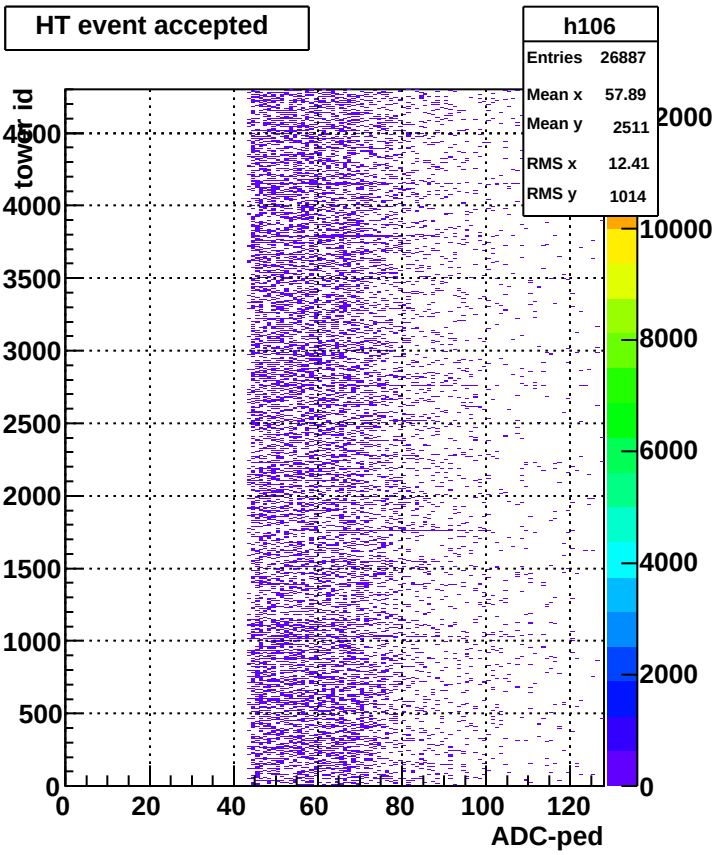

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 17.24
Mean y 62.32
RMS x 9.03
RMS y 25.41
phi bin
eta bin

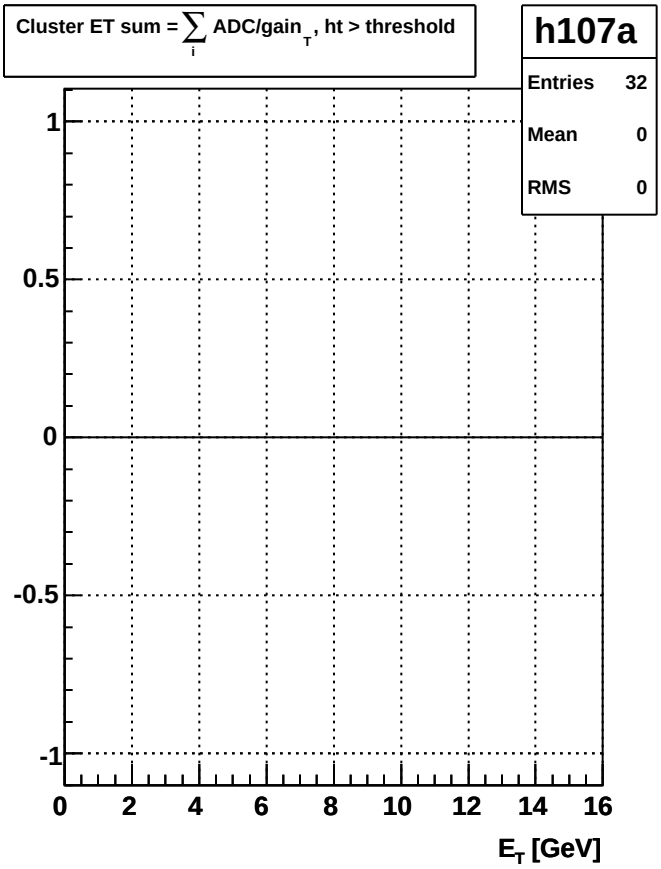

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 20.28
Mean y 59.85
RMS x 11.81
RMS y 35.23
phi bin
eta bin

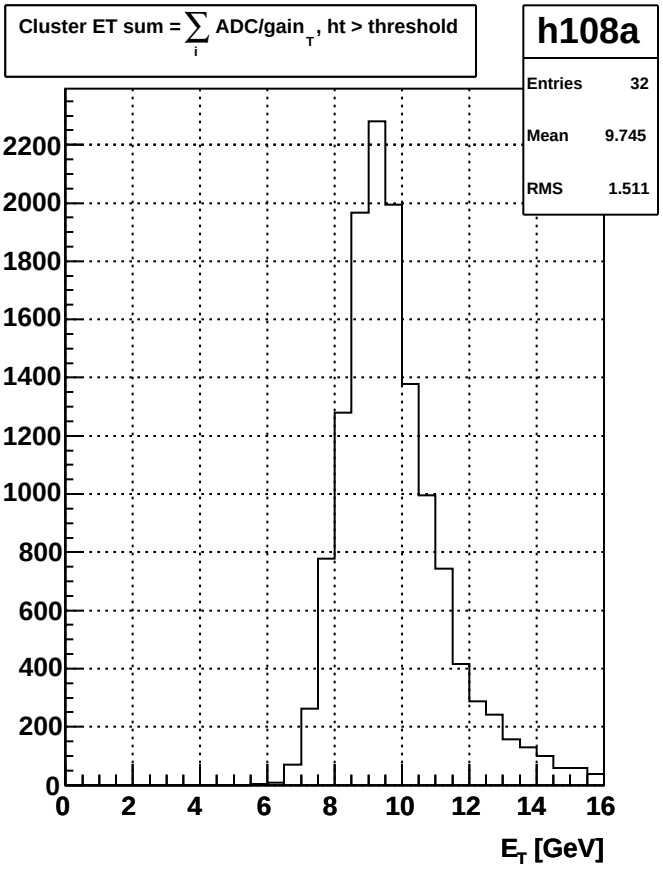

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

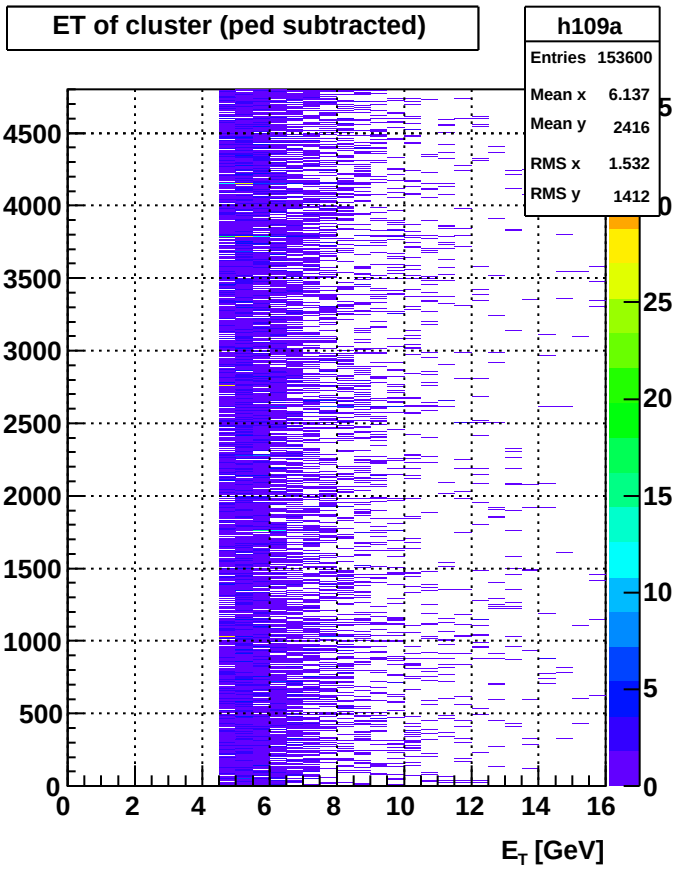

Raw ADC of ht, ht > threshold
h104
Entries 90553
Mean 294.2
RMS 44.79
8000
6000
4000
2000
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 13478
Mean 356.7
RMS 85.94
100
80
60
40
20
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 26887
Mean x 57.89
Mean y 2511
RMS x 12.41
RMS y 1014
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
ADC-ped
10000
8000
6000
4000
2000
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 9.745
RMS 1.511
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 6.137
Mean y 2416
RMS x 1.532
RMS y 1412
E_T [GeV]