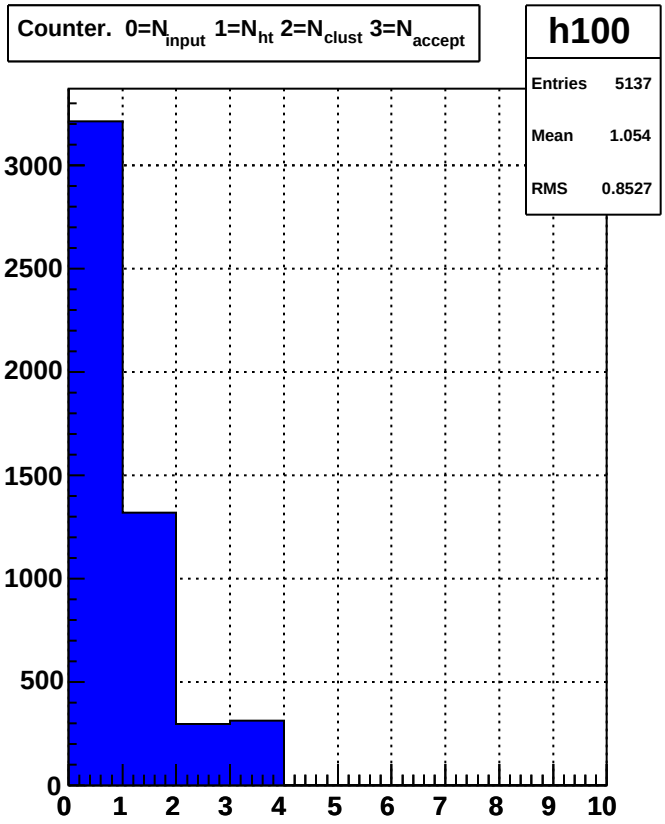
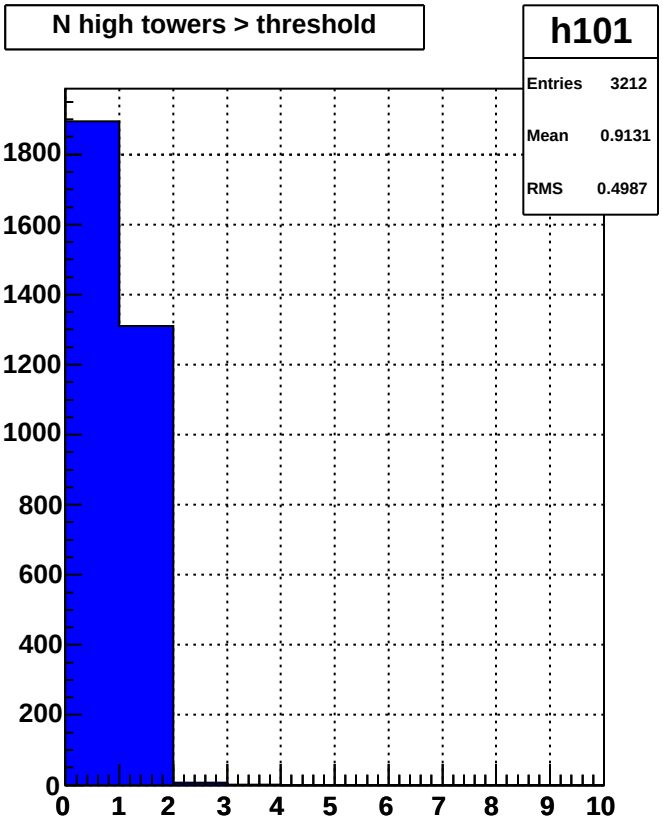
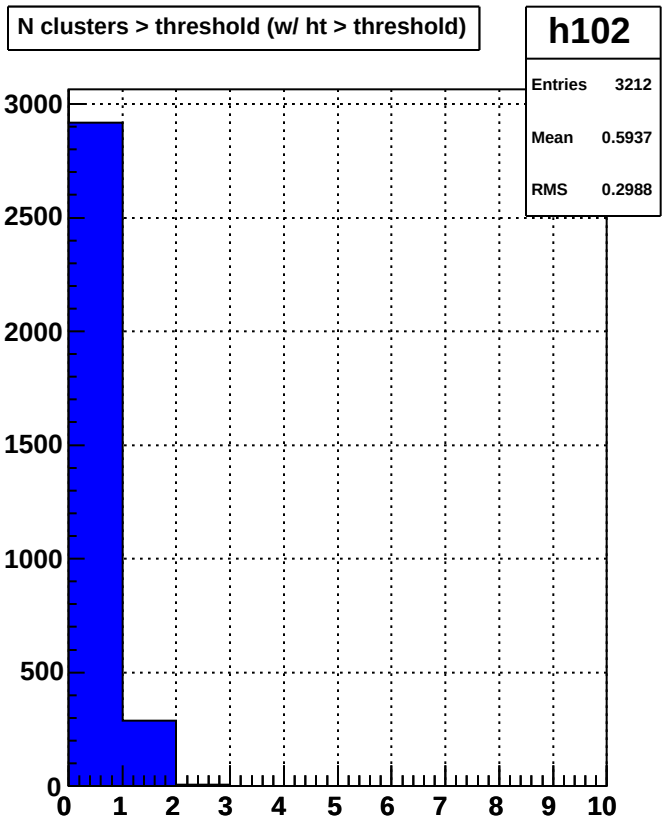
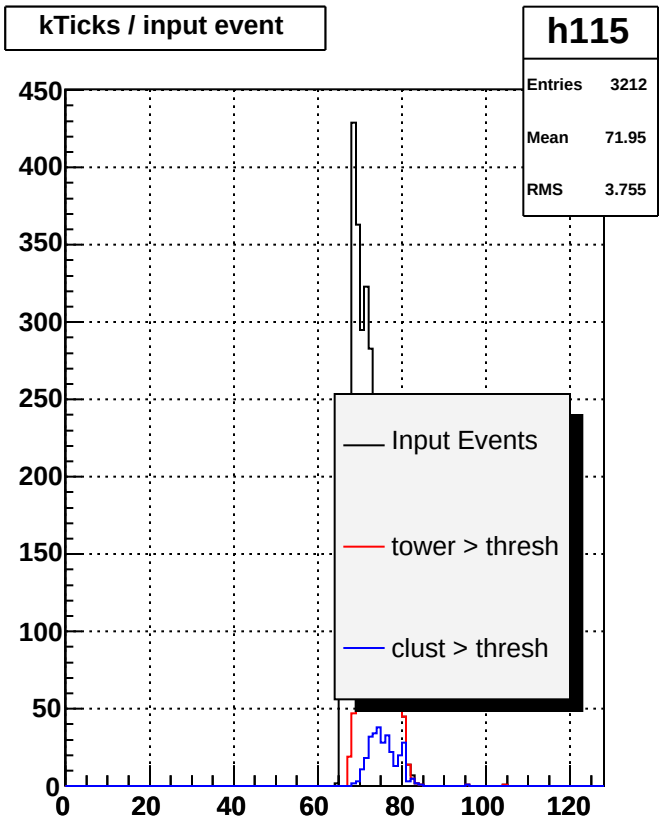
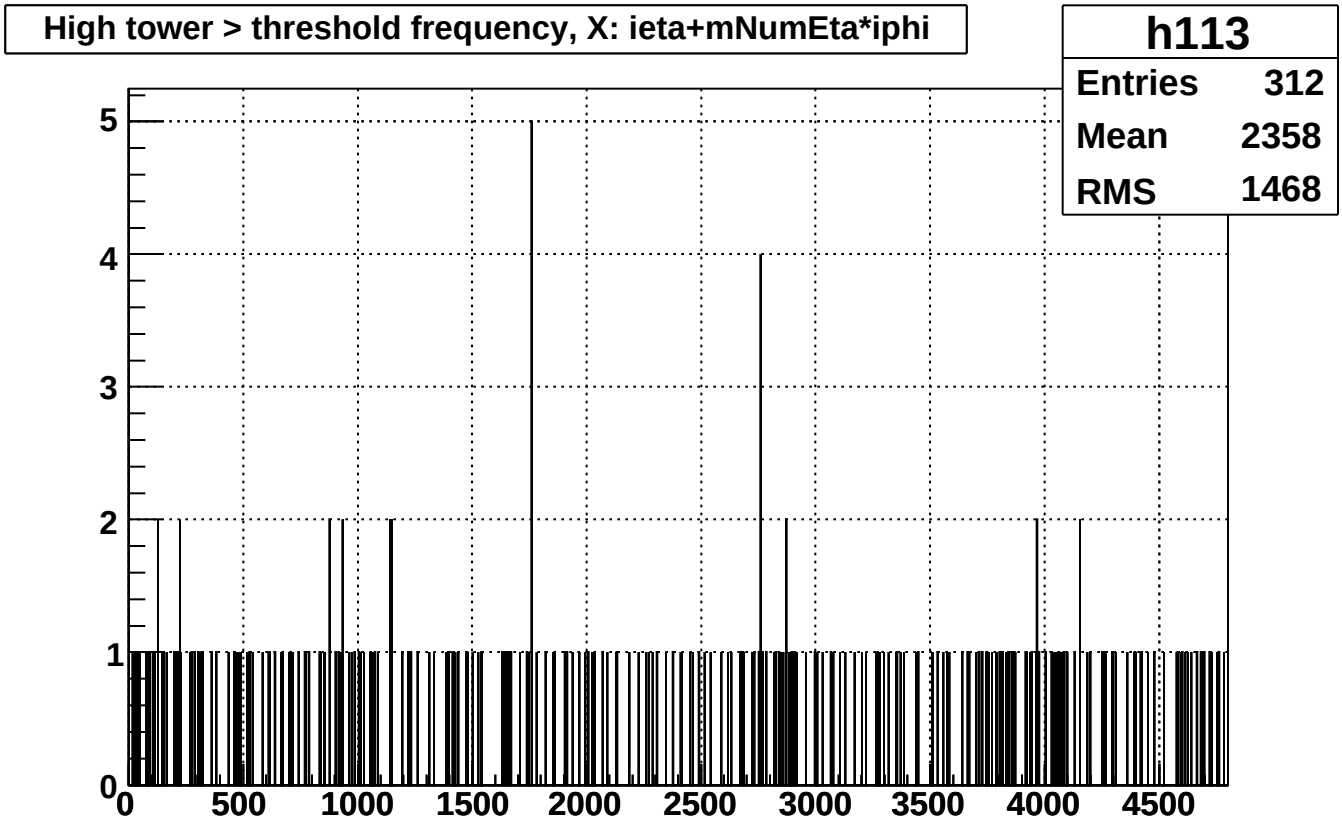
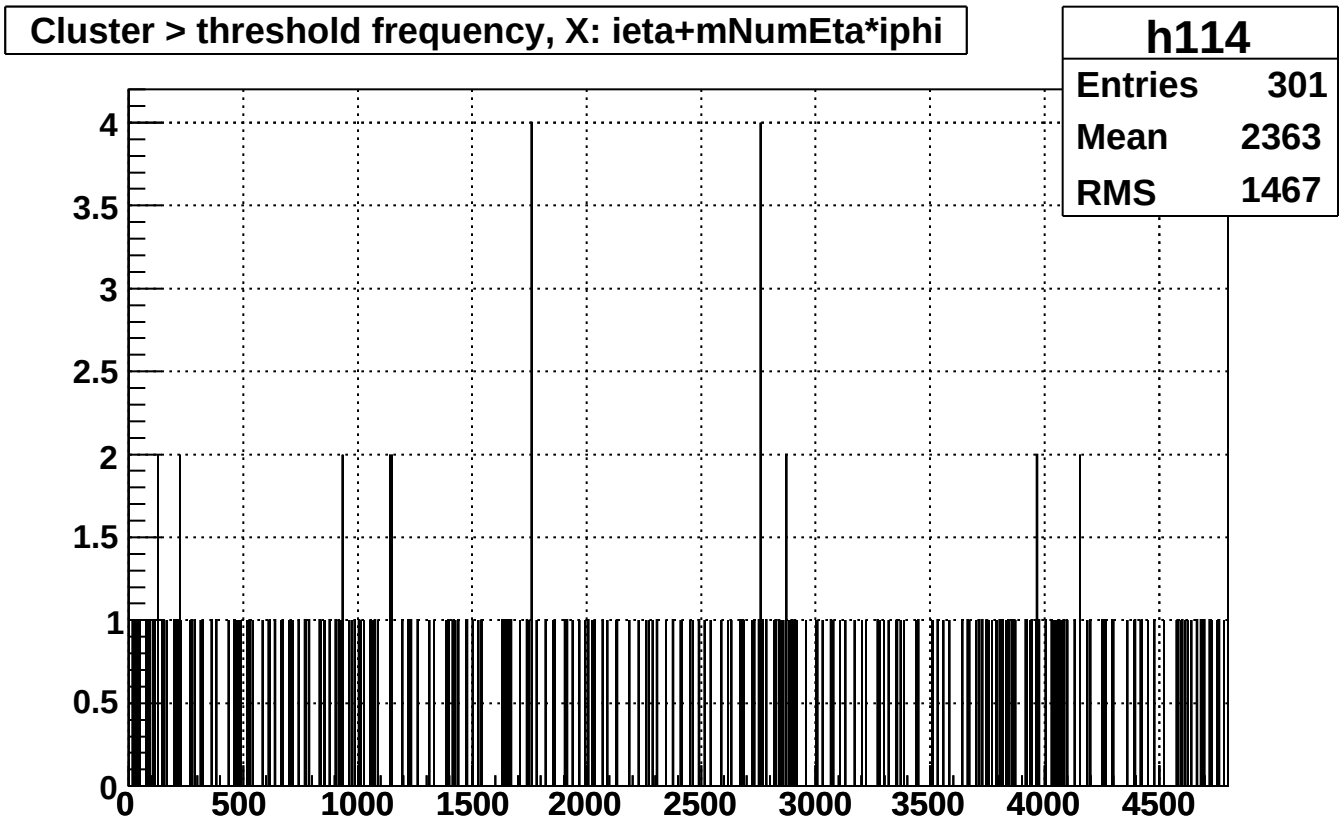

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 5137
Mean 1.054
RMS 0.8527

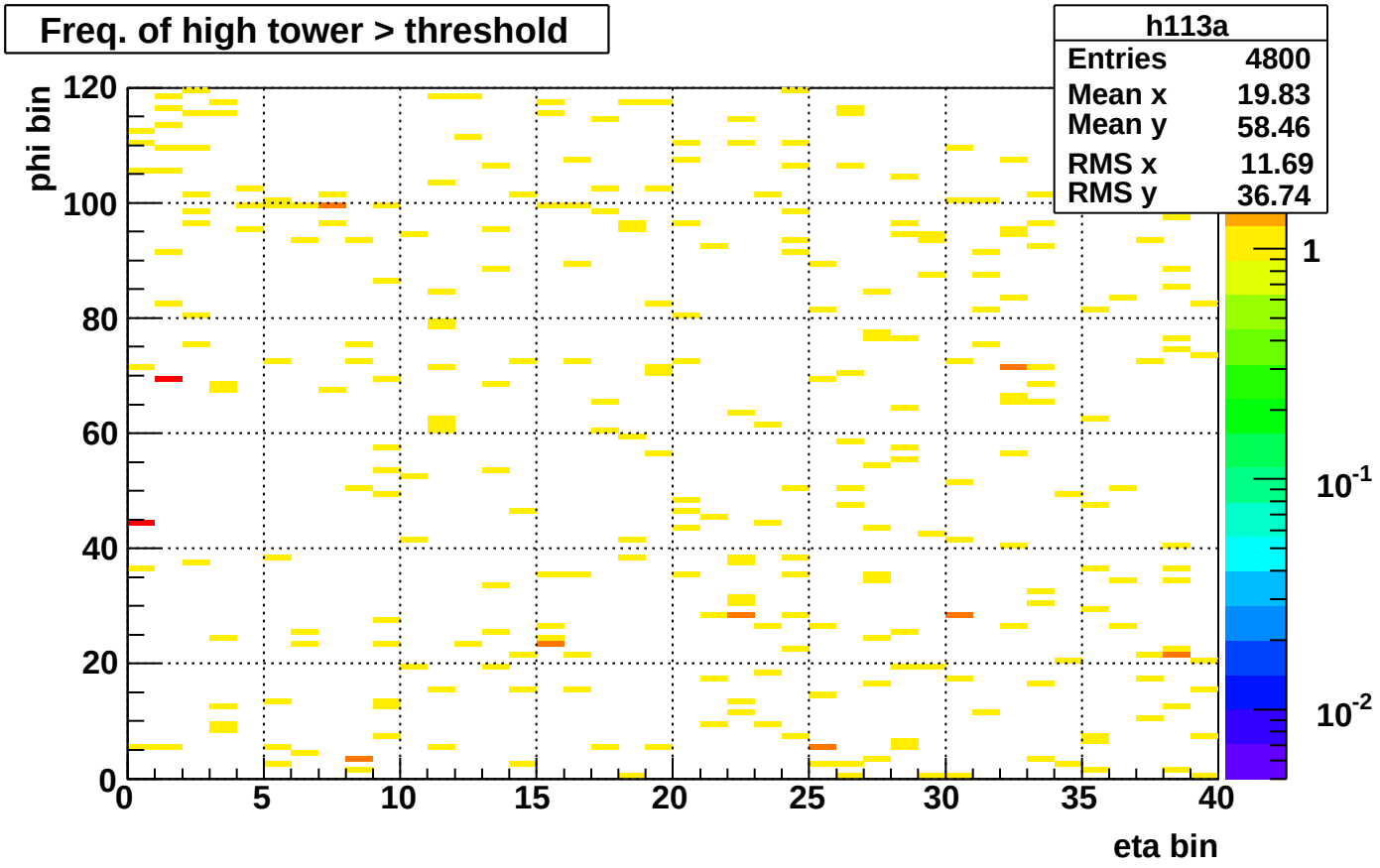

N high towers > threshold
h101
Entries 3212
Mean 0.9131
RMS 0.4987

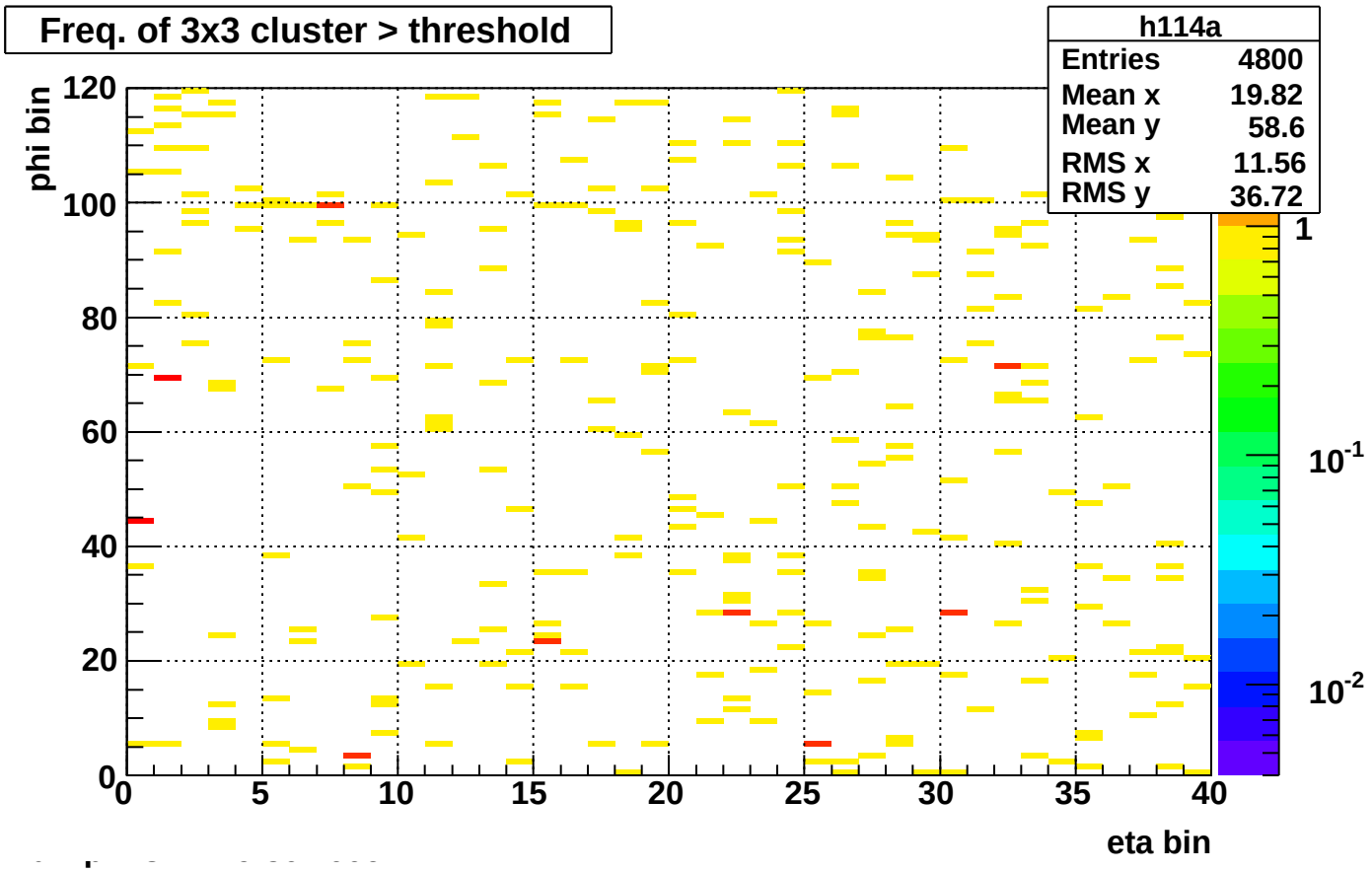

N clusters > threshold (w/ ht > threshold)
h102
Entries 3212
Mean 0.5937
RMS 0.2988

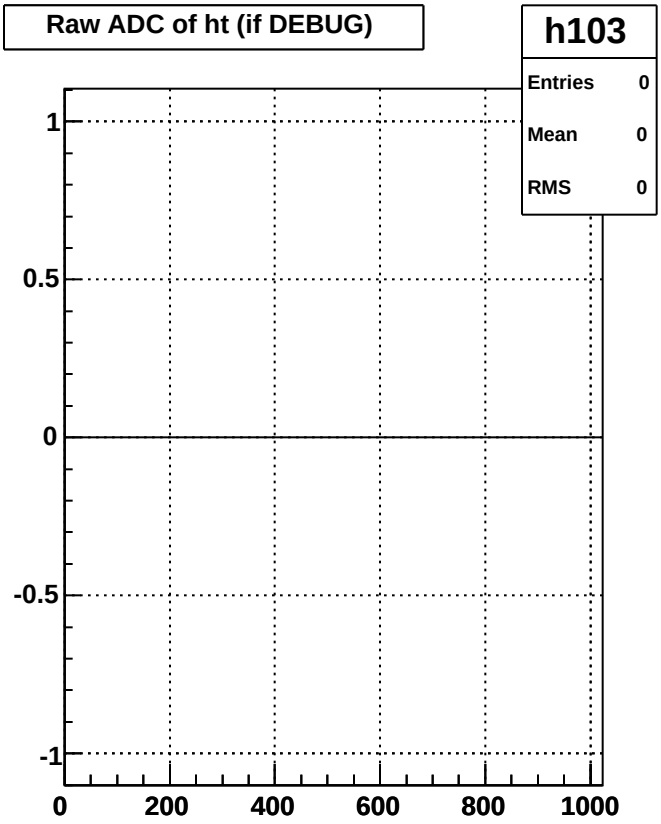

kTicks / input event
h115
Entries 3212
Mean 71.95
RMS 3.755
Input Events
tower > thresh
clust > thresh

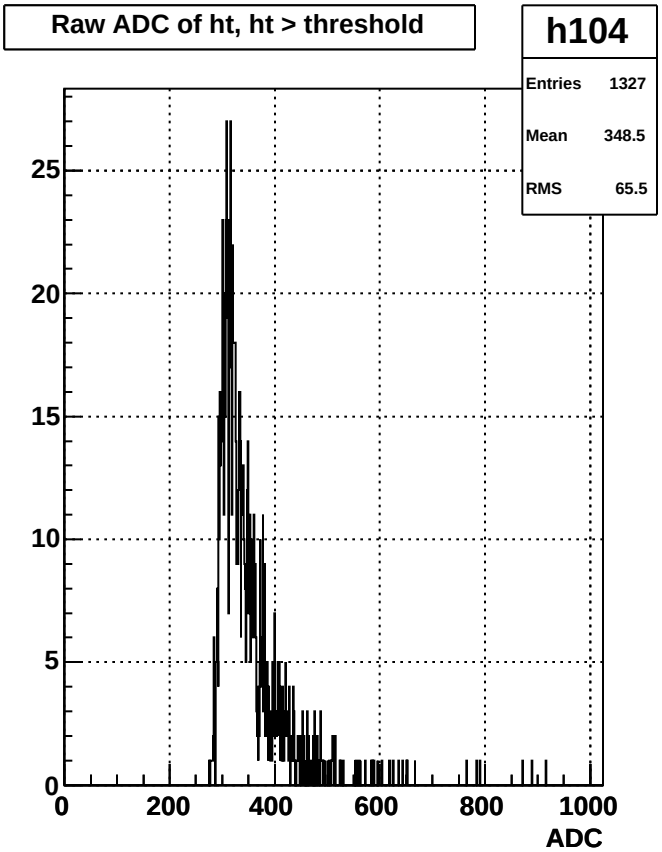

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 312
Mean 2358
RMS 1468
0
1
2
3
4
5
0
500
1000
1500
2000
2500
3000
3500
4000
4500

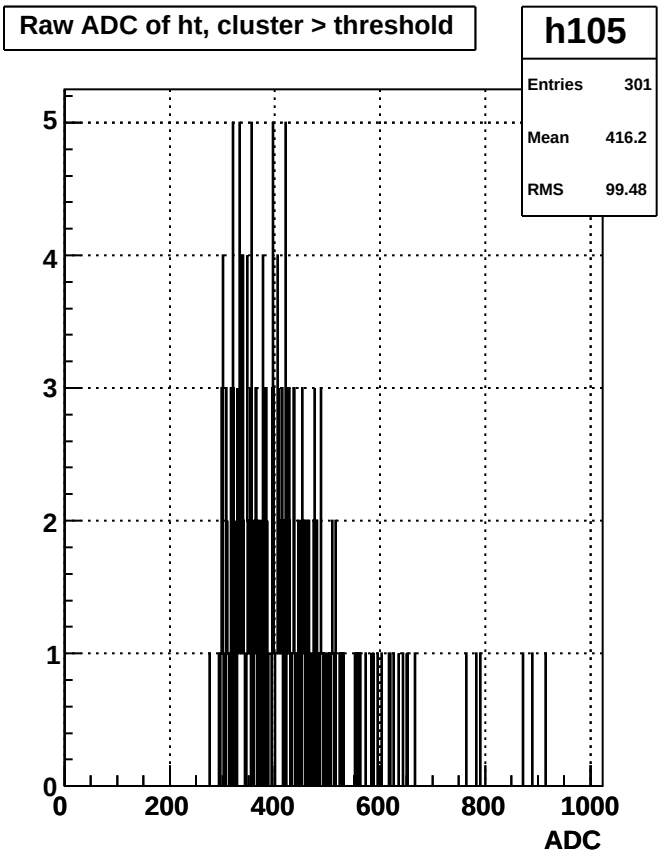

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 301
Mean 2363
RMS 1467
0
0.5
1
1.5
2
2.5
3
3.5
4
0
500
1000
1500
2000
2500
3000
3500
4000
4500

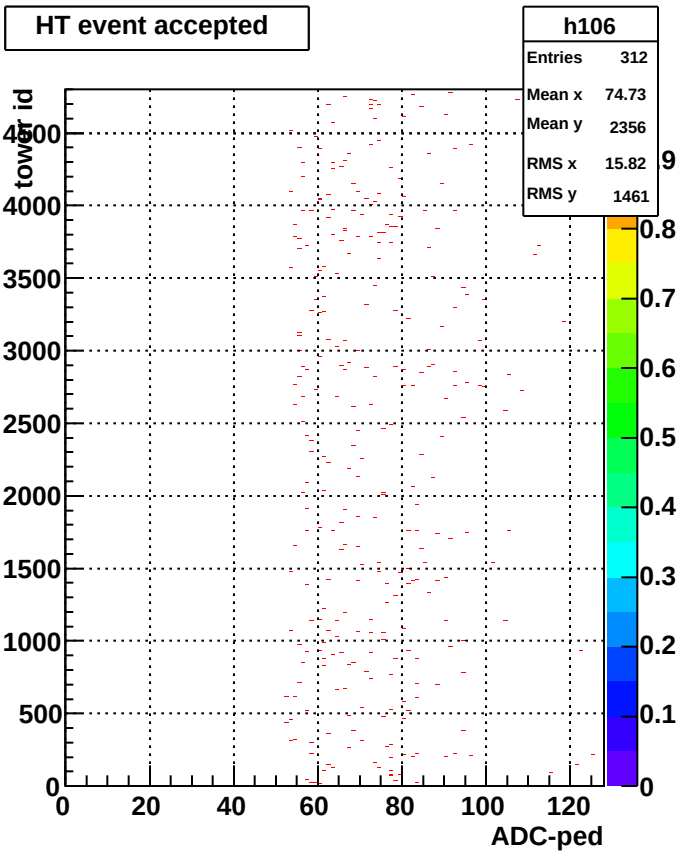

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 19.83
Mean y 58.46
RMS x 11.69
RMS y 36.74
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}
10^{-2}

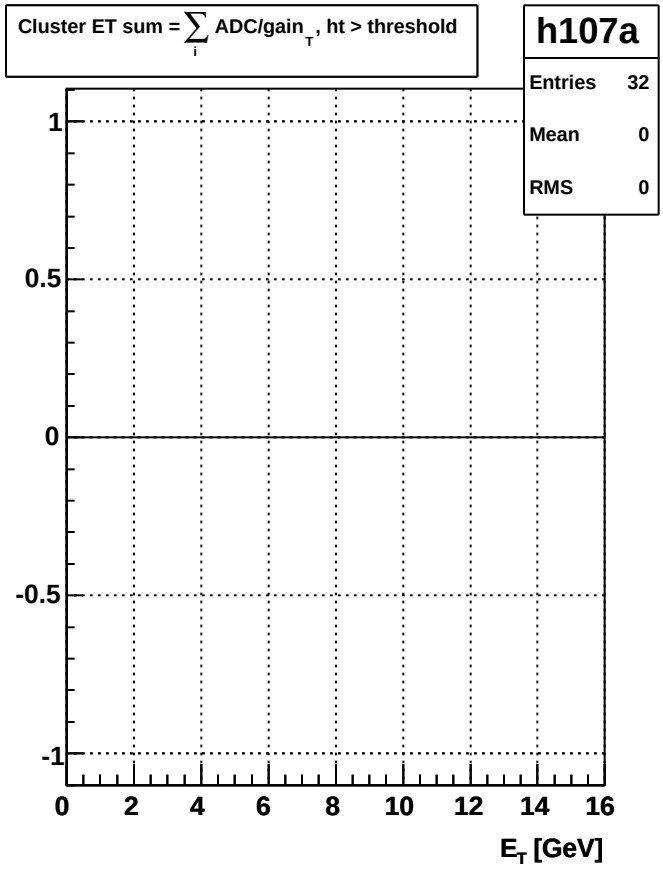

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 19.82
Mean y 58.6
RMS x 11.56
RMS y 36.72
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}
10^{-2}

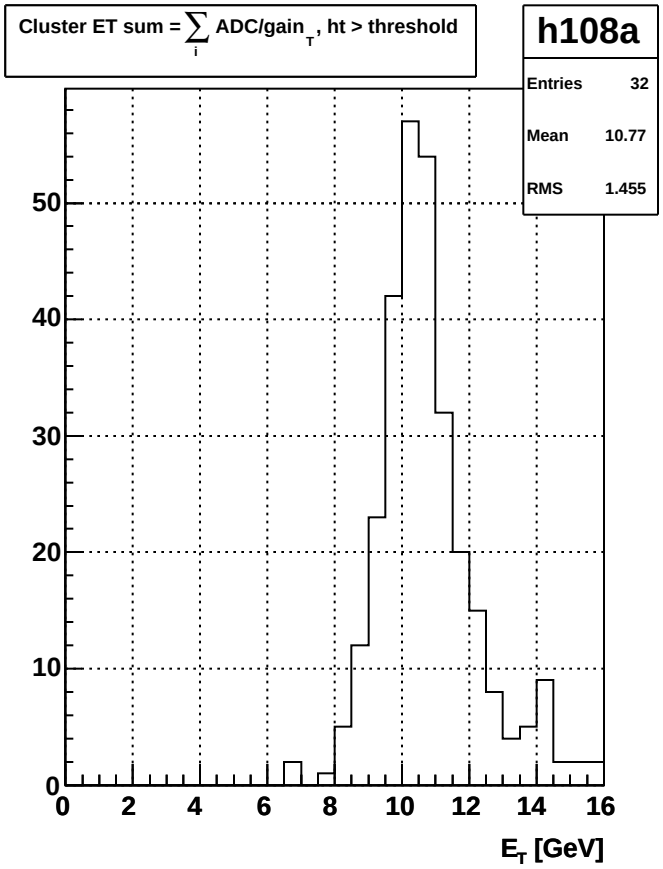

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

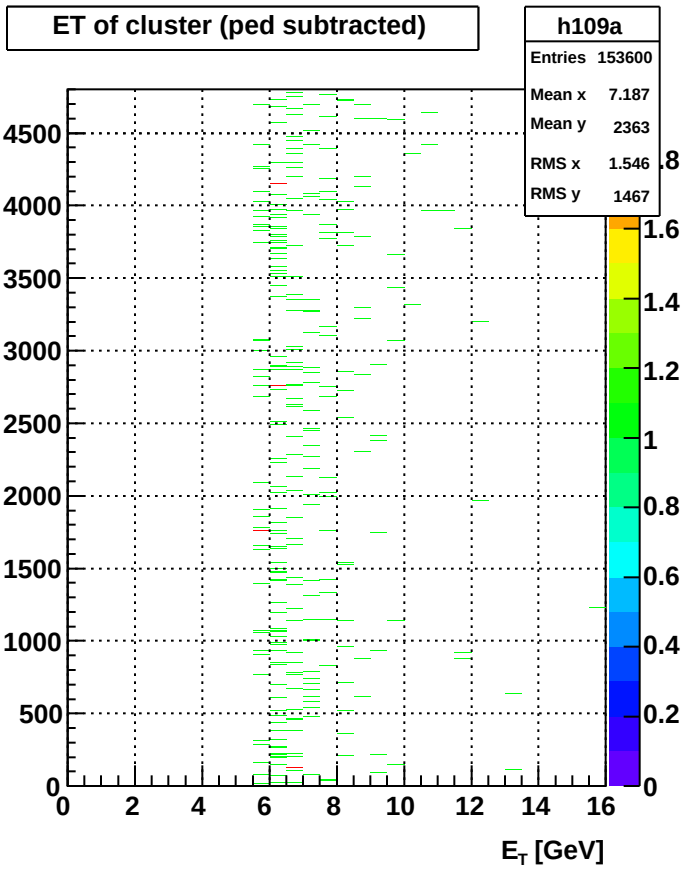

Raw ADC of ht, ht > threshold
h104
Entries 1327
Mean 348.5
RMS 65.5
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 301
Mean 416.2
RMS 99.48
5
4
3
2
1
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 312
Mean x 74.73
Mean y 2356
RMS x 15.82
RMS y 1461
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 10.77
RMS 1.455
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 7.187
Mean y 2363
RMS x 1.546
RMS y 1467
E_T [GeV]