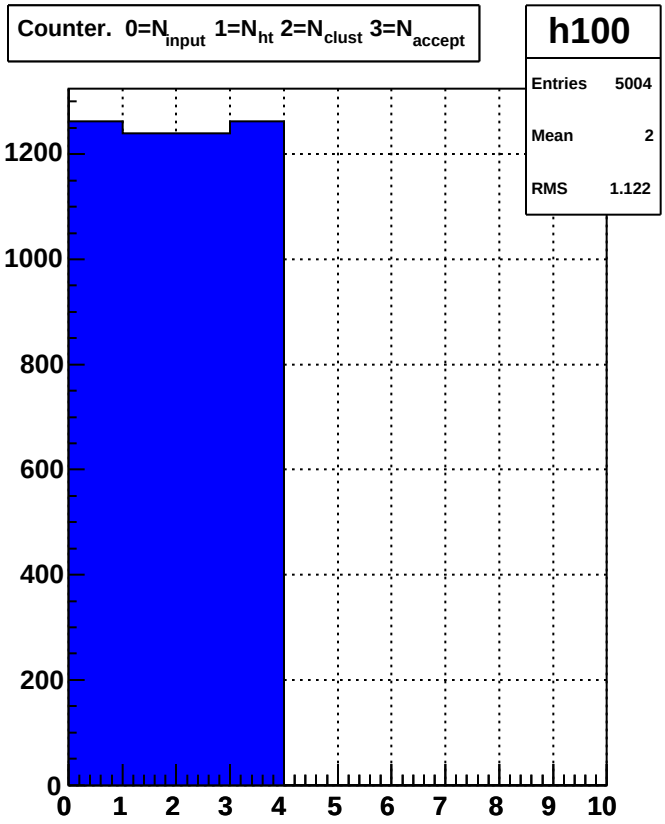
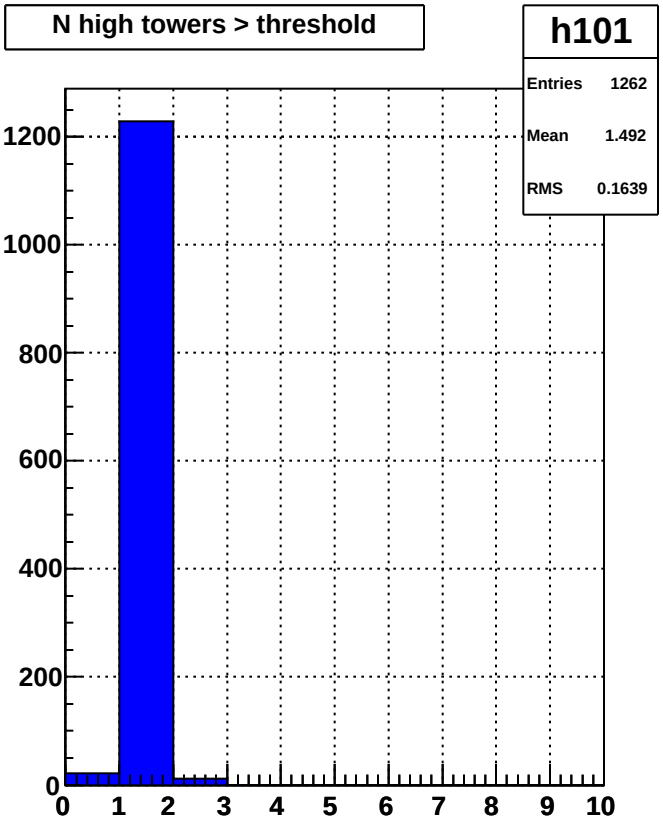
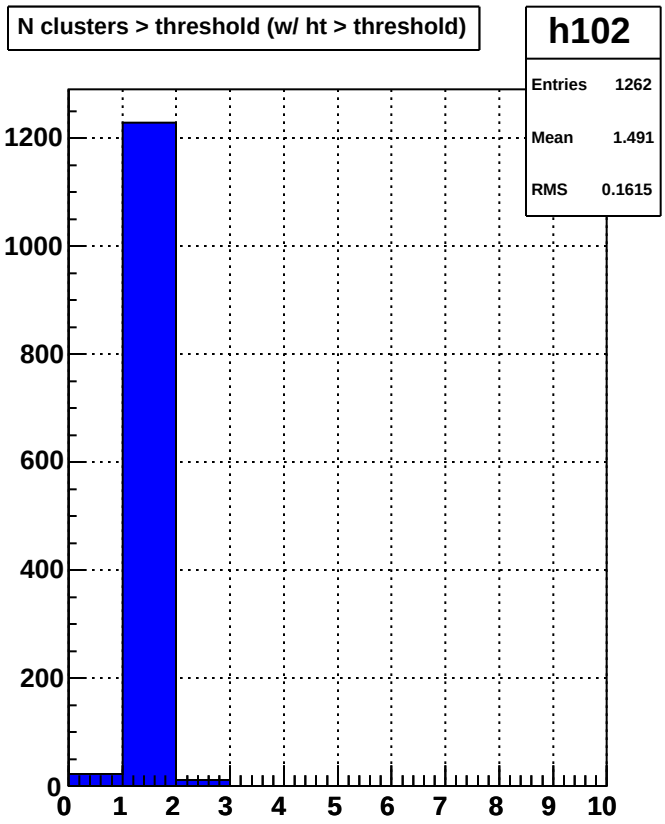
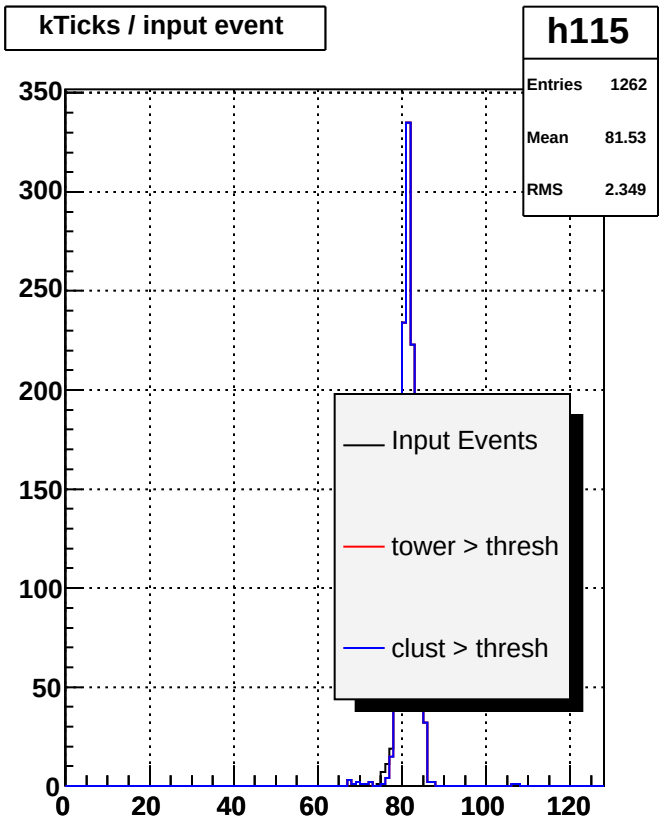
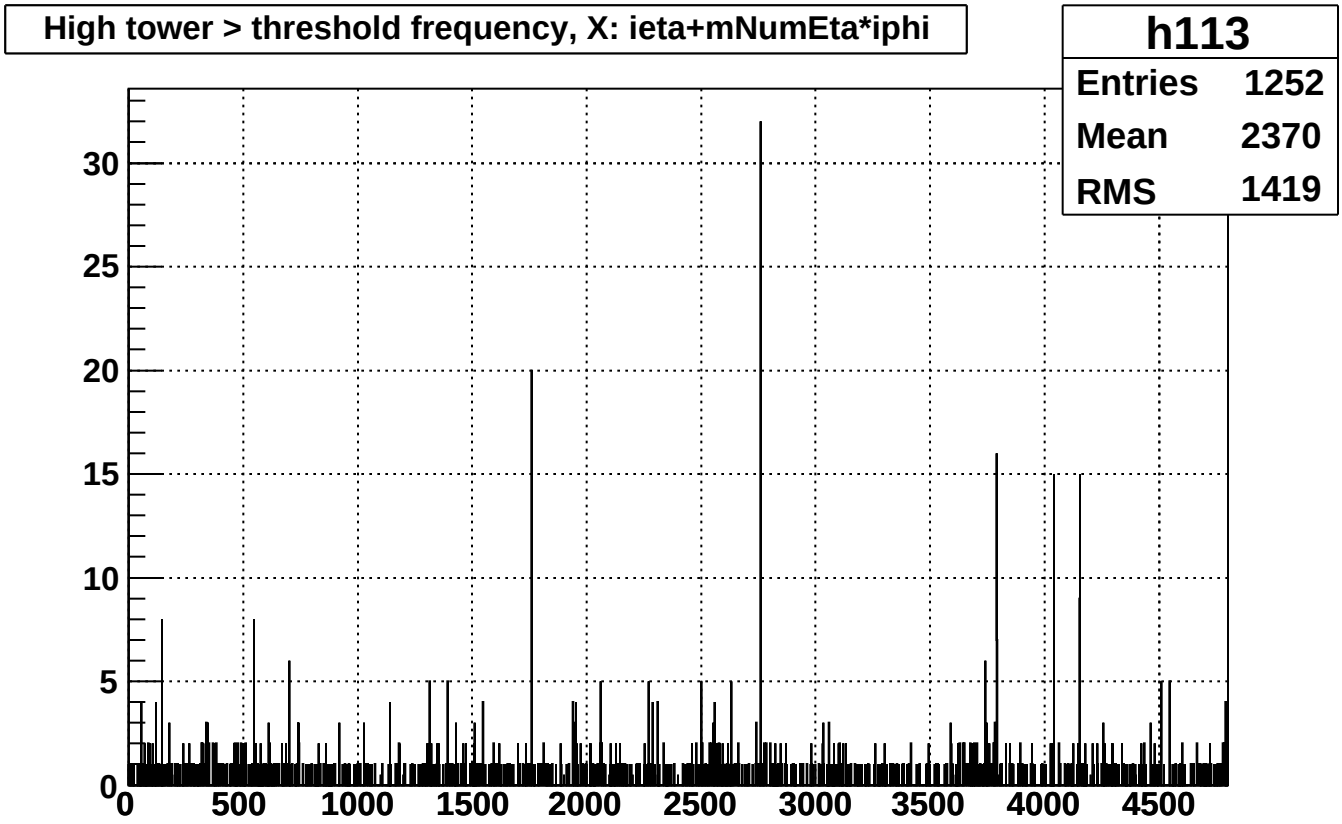
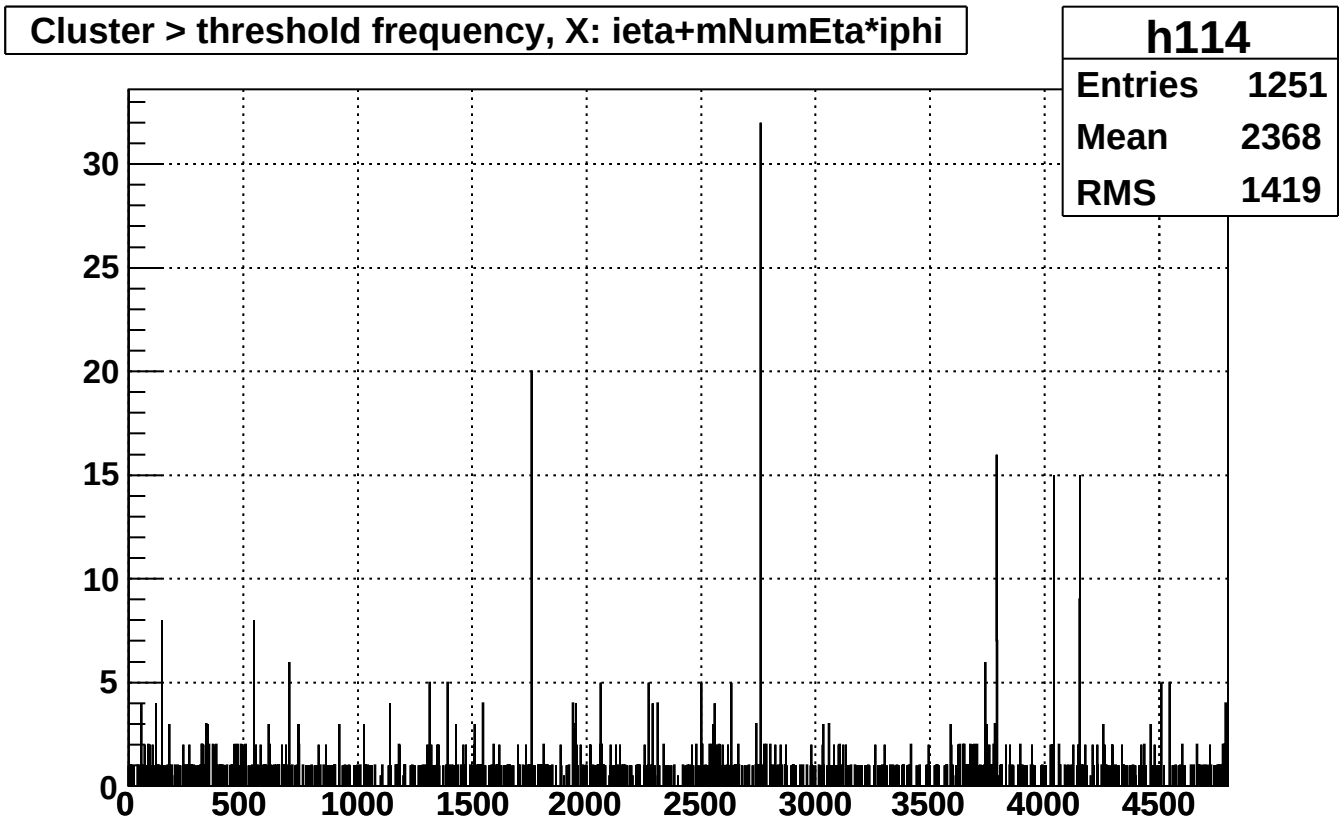

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 5004
Mean 2
RMS 1.122

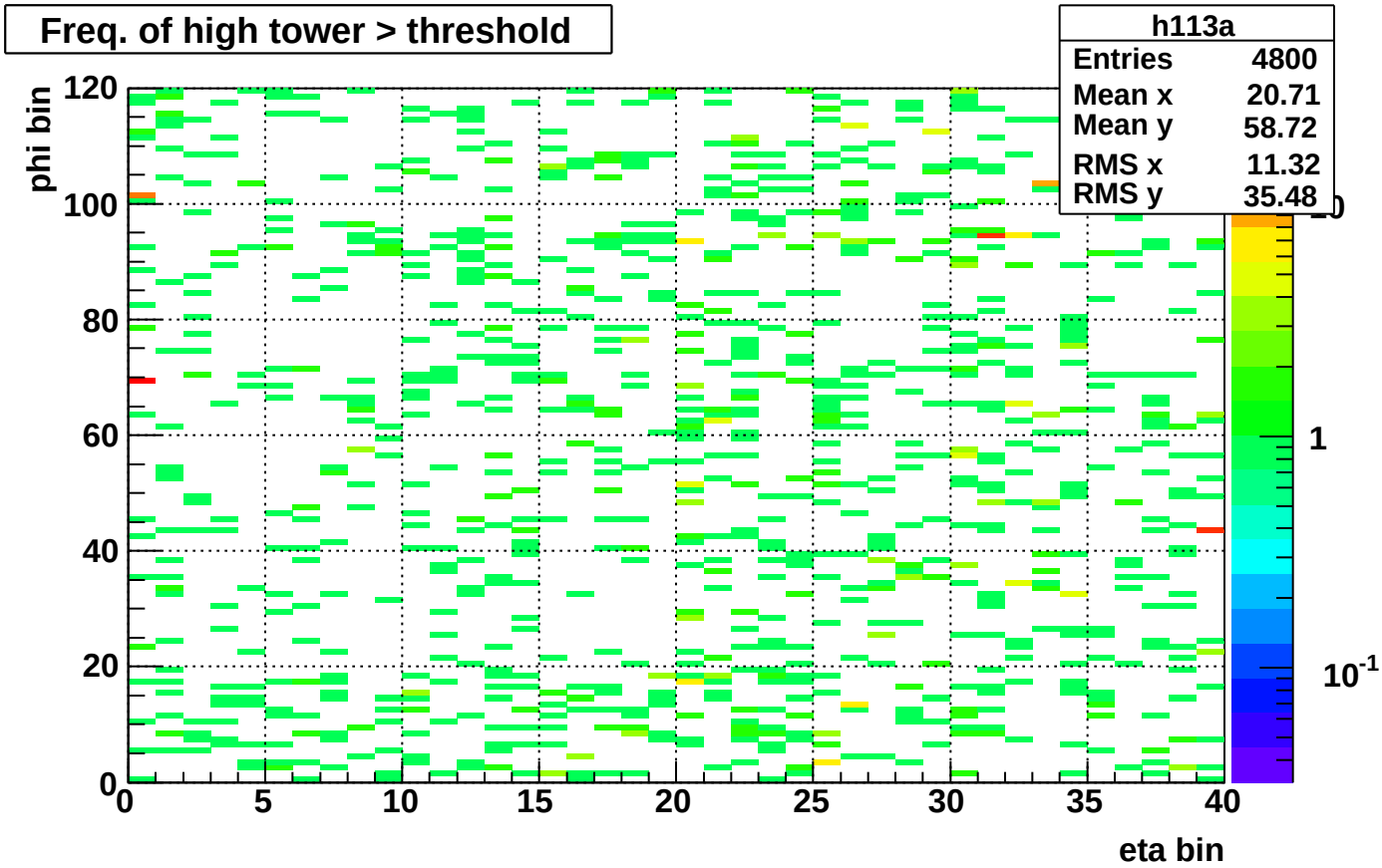

N high towers > threshold
h101
Entries 1262
Mean 1.492
RMS 0.1639

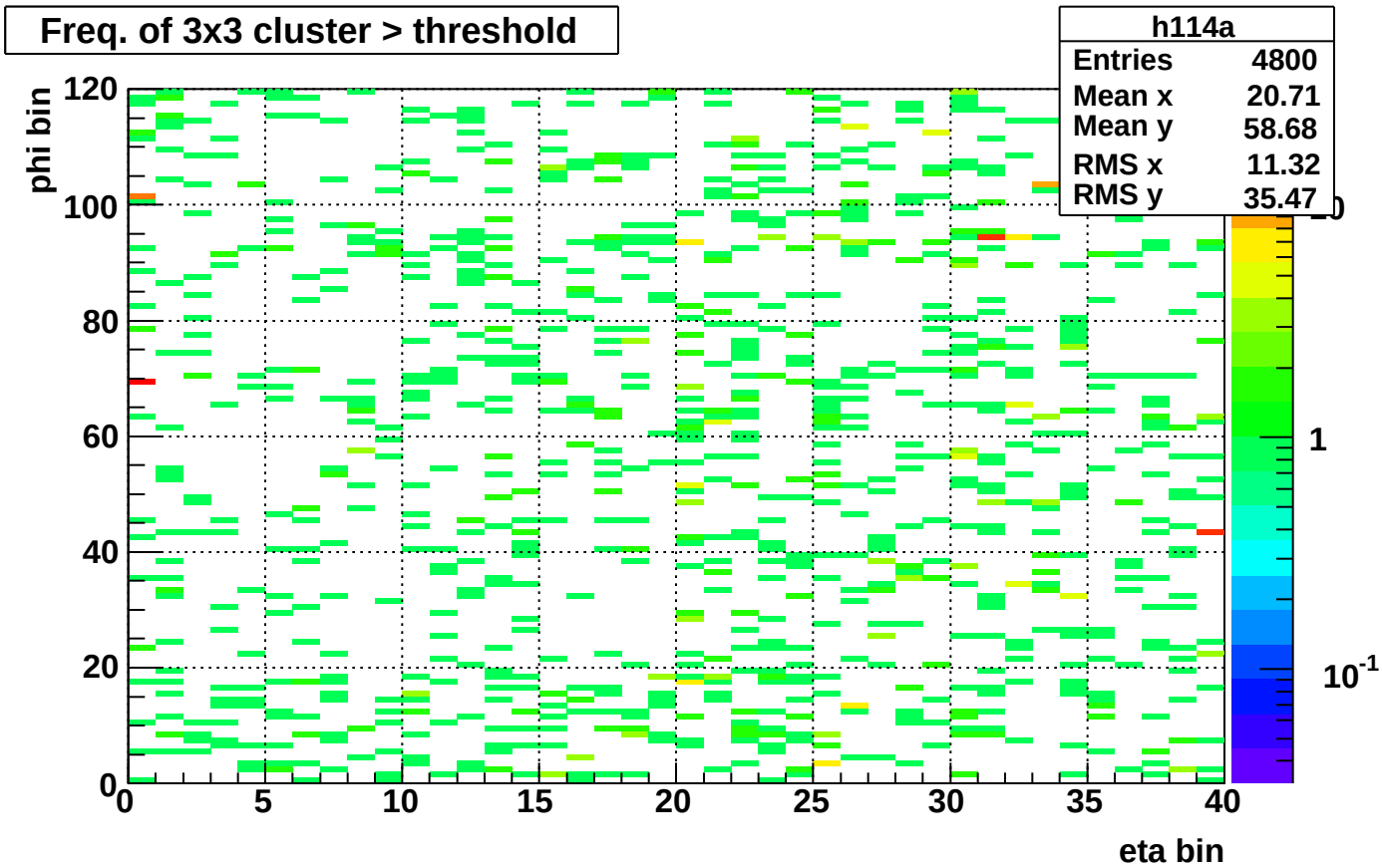

N clusters > threshold (w/ ht > threshold)
h102
Entries 1262
Mean 1.491
RMS 0.1615

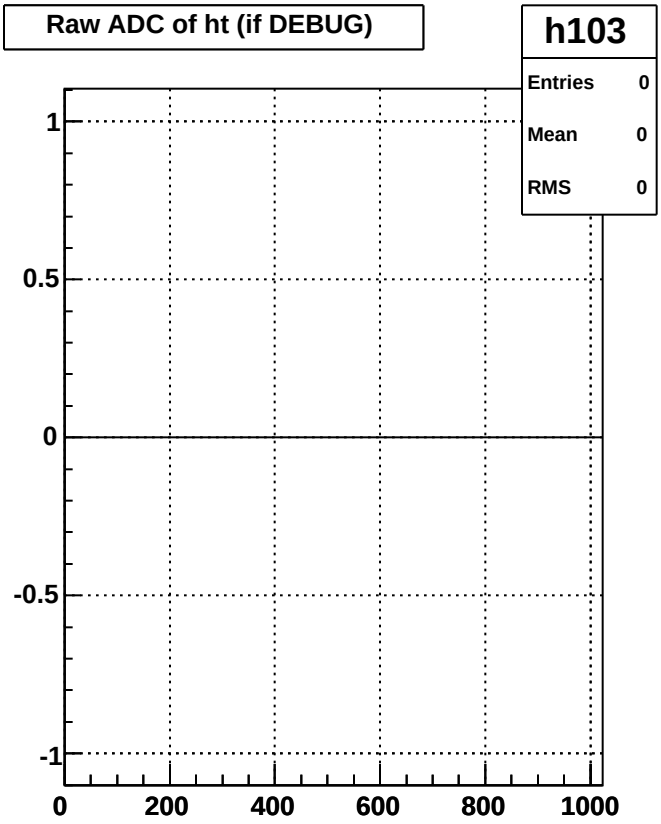

kTicks / input event
h115
Entries 1262
Mean 81.53
RMS 2.349
Input Events
tower > thresh
clust > thresh

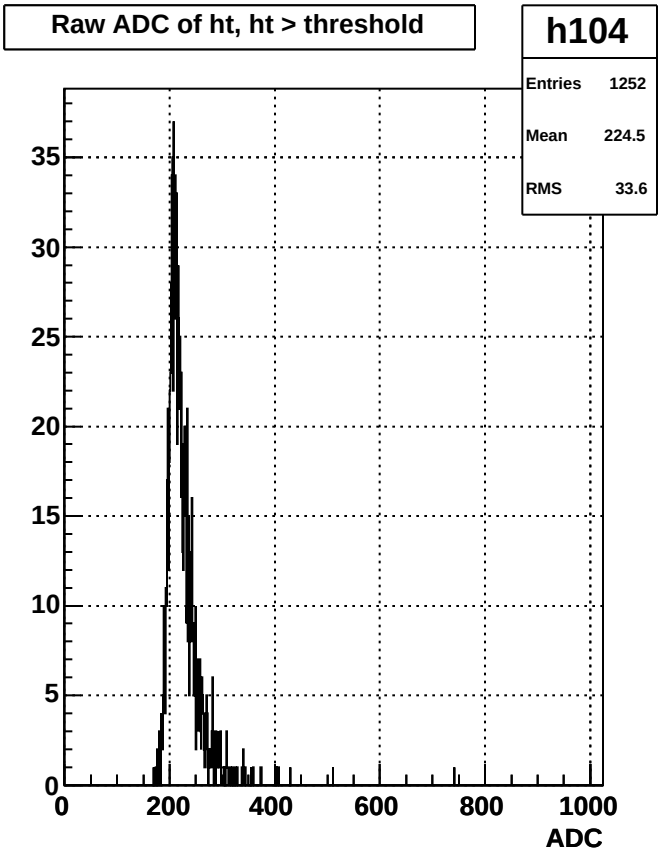

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 1252
Mean 2370
RMS 1419
0
5
10
15
20
25
30
0
500
1000
1500
2000
2500
3000
3500
4000
4500

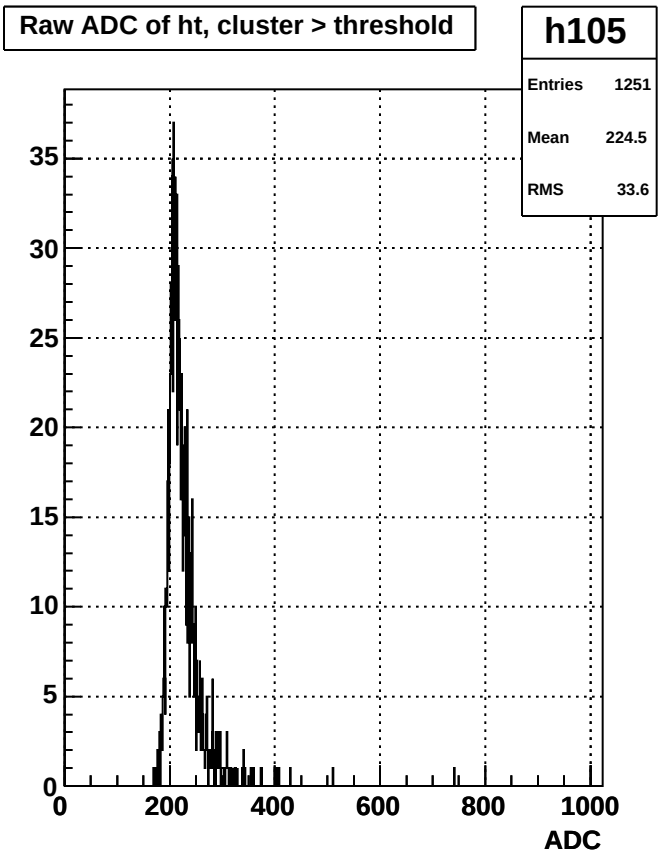

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 1251
Mean 2368
RMS 1419
0
5
10
15
20
25
30
0
500
1000
1500
2000
2500
3000
3500
4000
4500

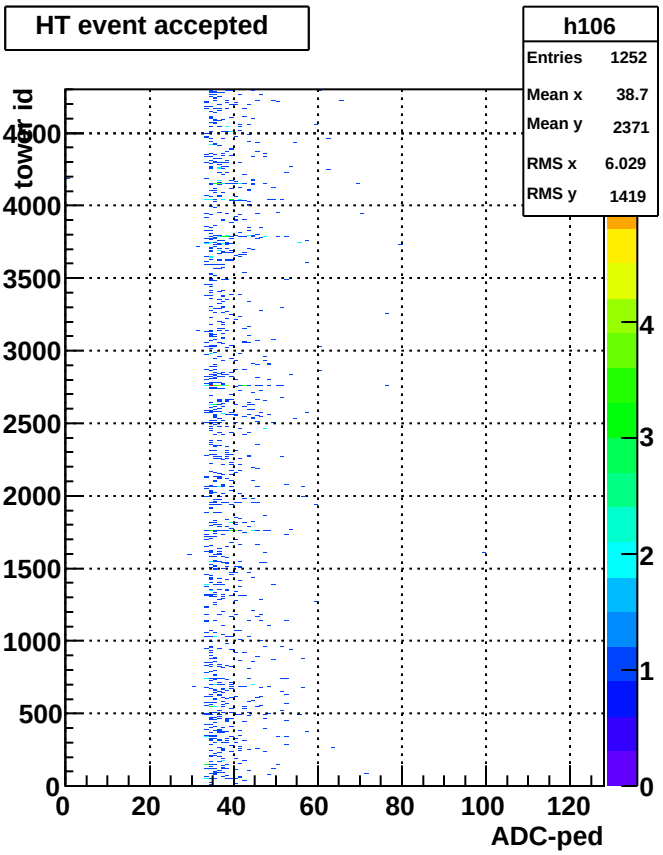

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 20.71
Mean y 58.72
RMS x 11.32
RMS y 35.48
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

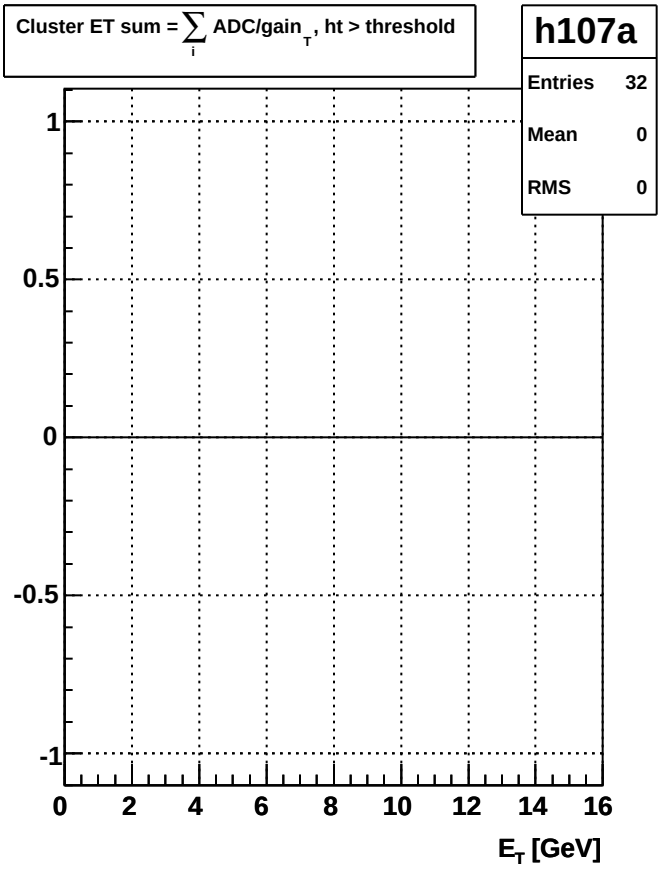

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 20.71
Mean y 58.68
RMS x 11.32
RMS y 35.47
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

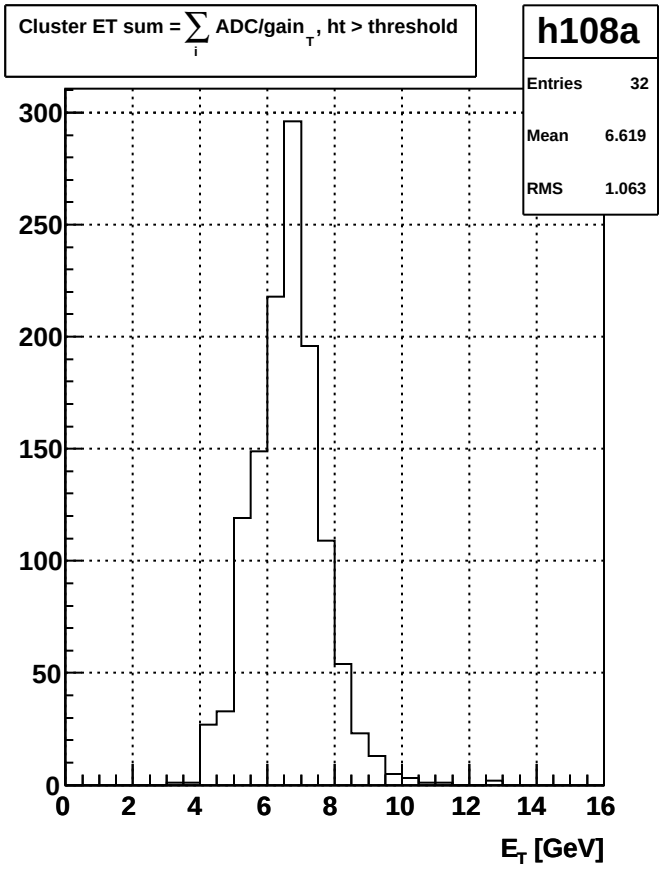

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

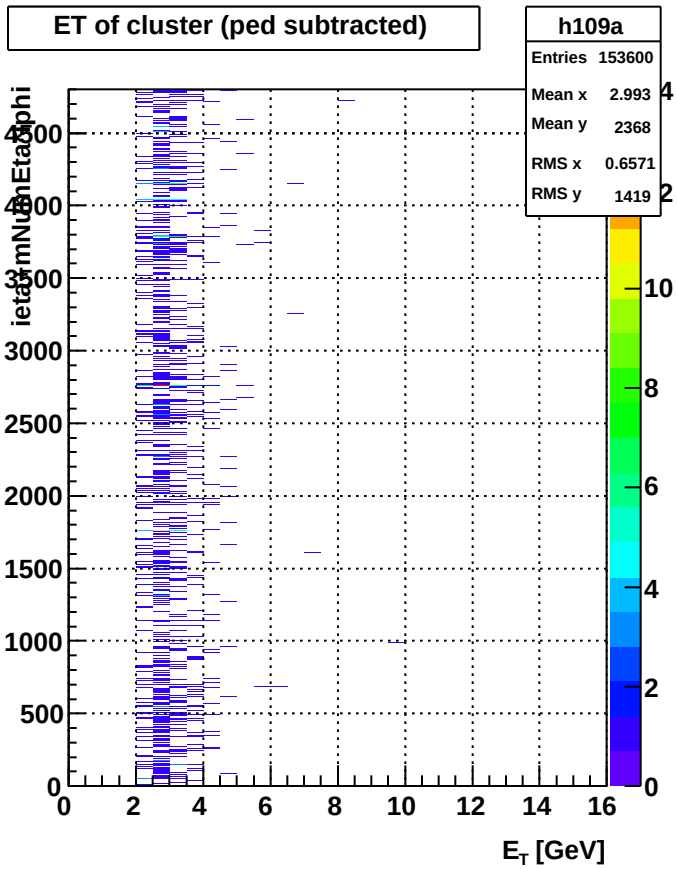

Raw ADC of ht, ht > threshold
h104
Entries 1252
Mean 224.5
RMS 33.6
35
30
25
20
15
10
5
0
0
200
400
600
800
1000
ADC

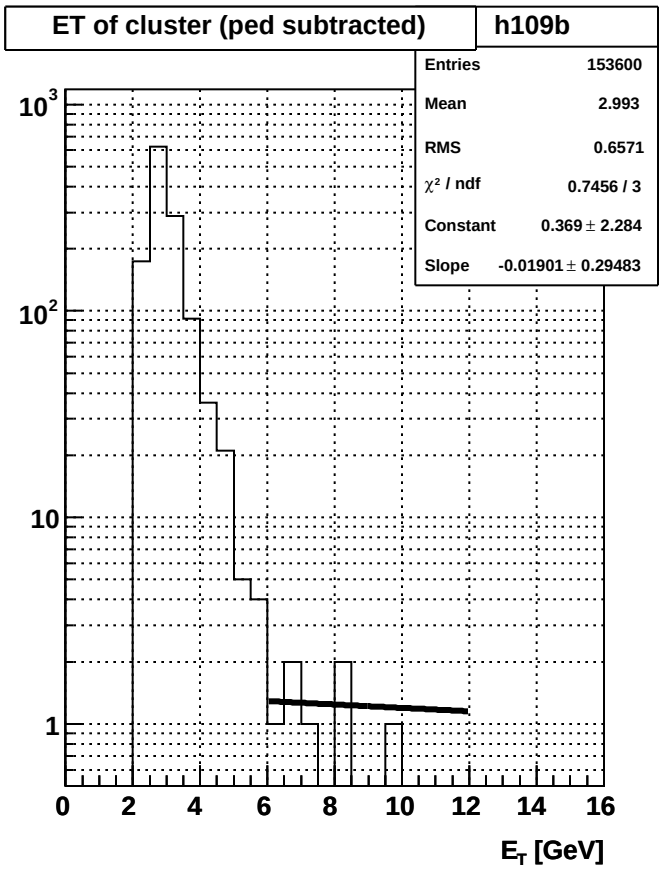

Raw ADC of ht, cluster > threshold
h105
Entries 1251
Mean 224.5
RMS 33.6
35
30
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 1252
Mean x 38.7
Mean y 2371
RMS x 6.029
RMS y 1419
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
ADC-ped
4
3
2
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 6.619
RMS 1.063
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 2.993
Mean y 2368
RMS x 0.6571
RMS y 1419
ietaTimNumEtaPhi
E_T [GeV]


ET of cluster (ped subtracted)
h109b
Entries 153600
Mean 2.993
RMS 0.6571
χ^2 / ndf 0.7456 / 3
Constant 0.369 ± 2.284
Slope -0.01901 ± 0.29483
E_T [GeV]