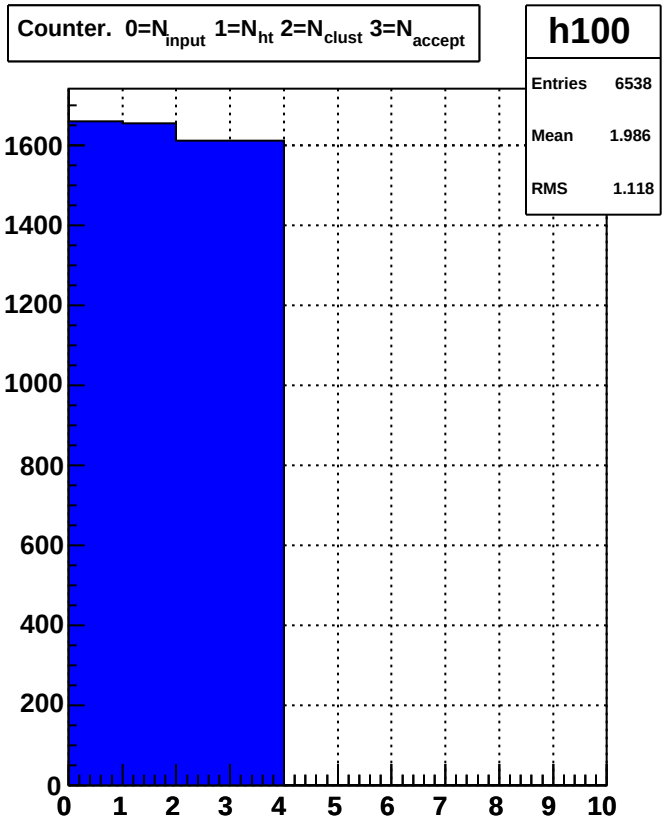
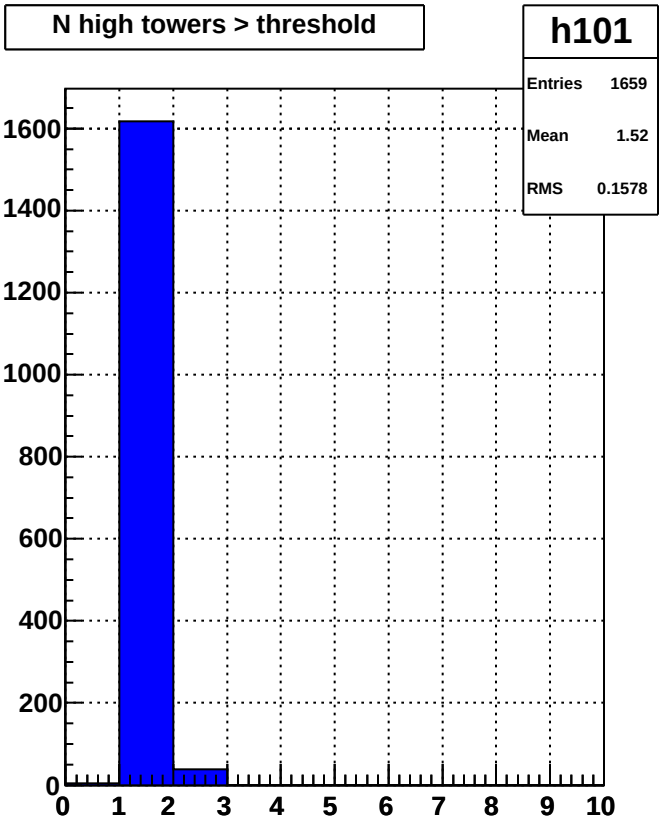
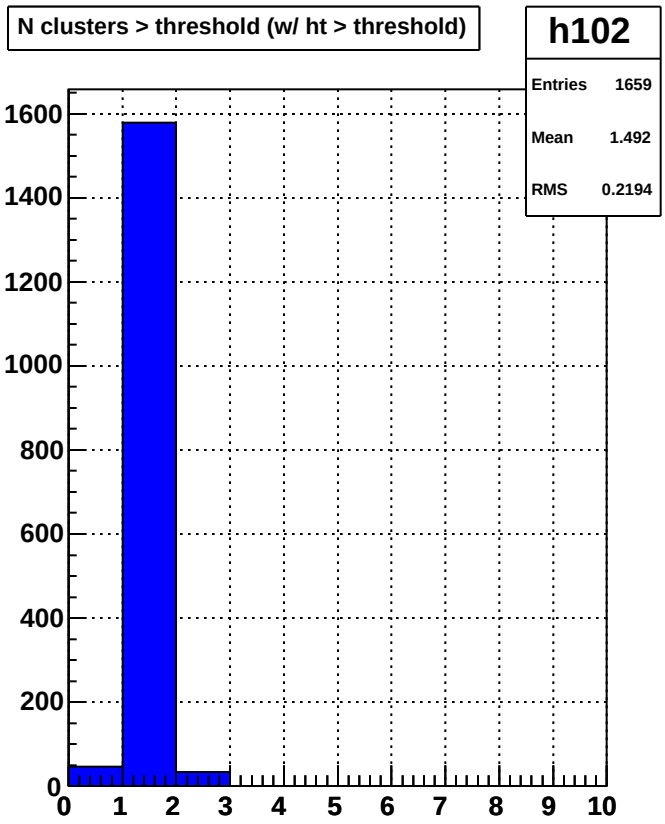
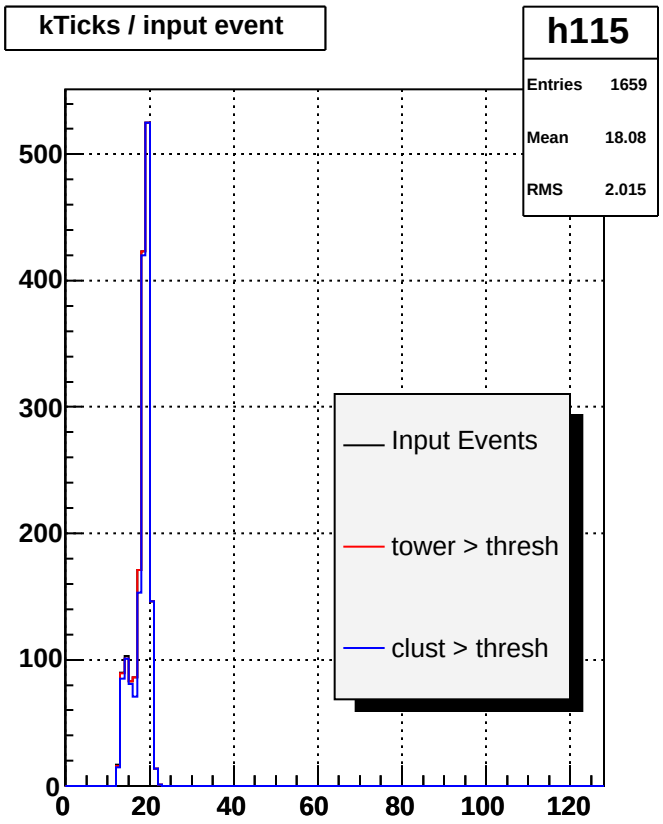
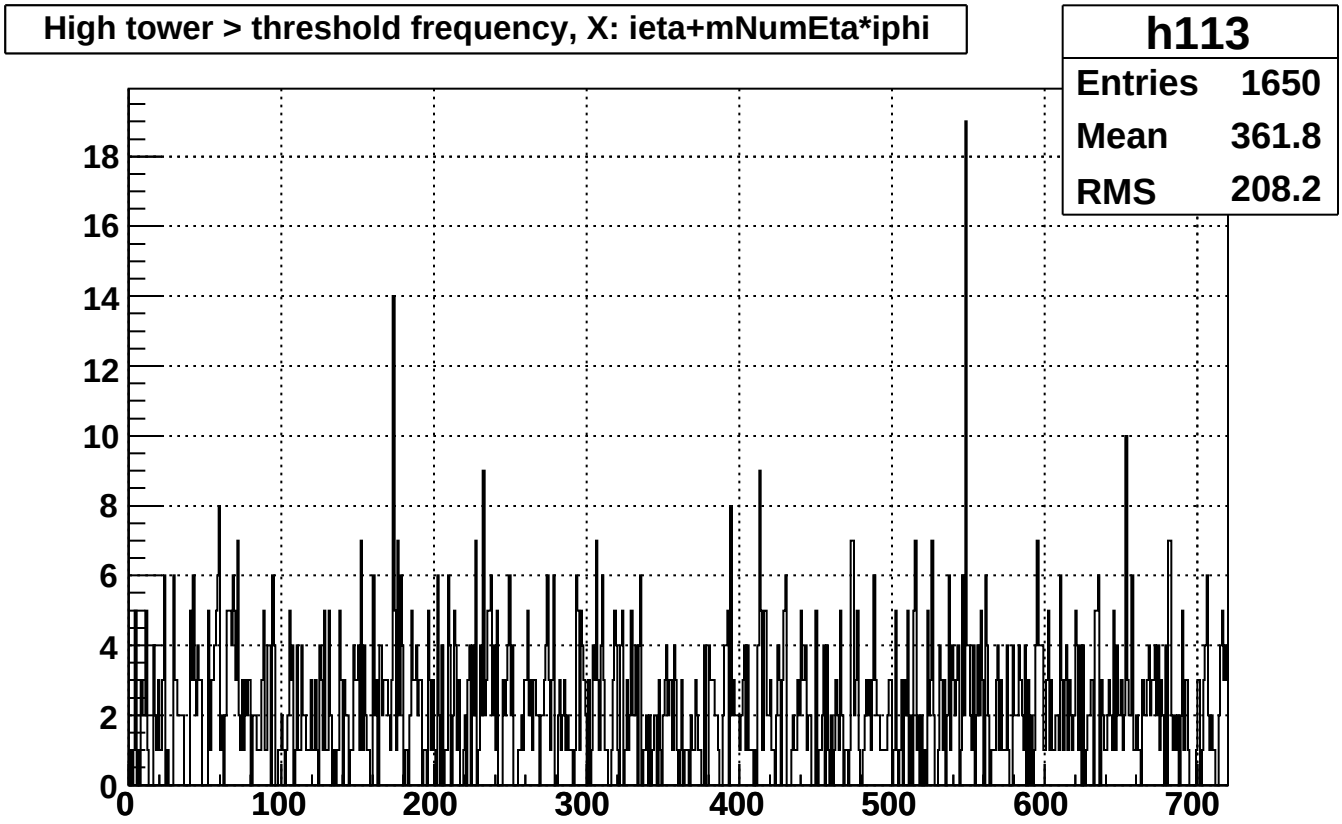
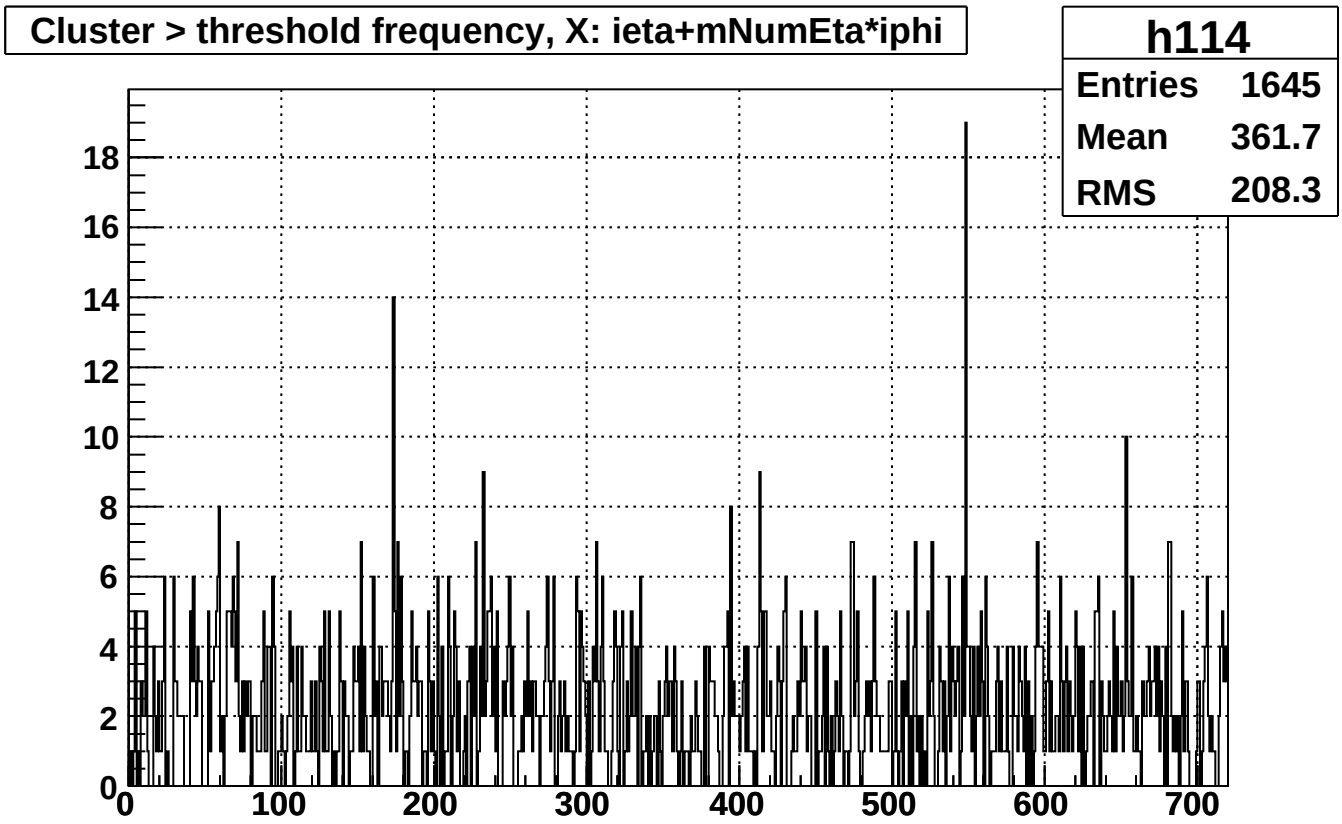

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 6538
Mean 1.986
RMS 1.118

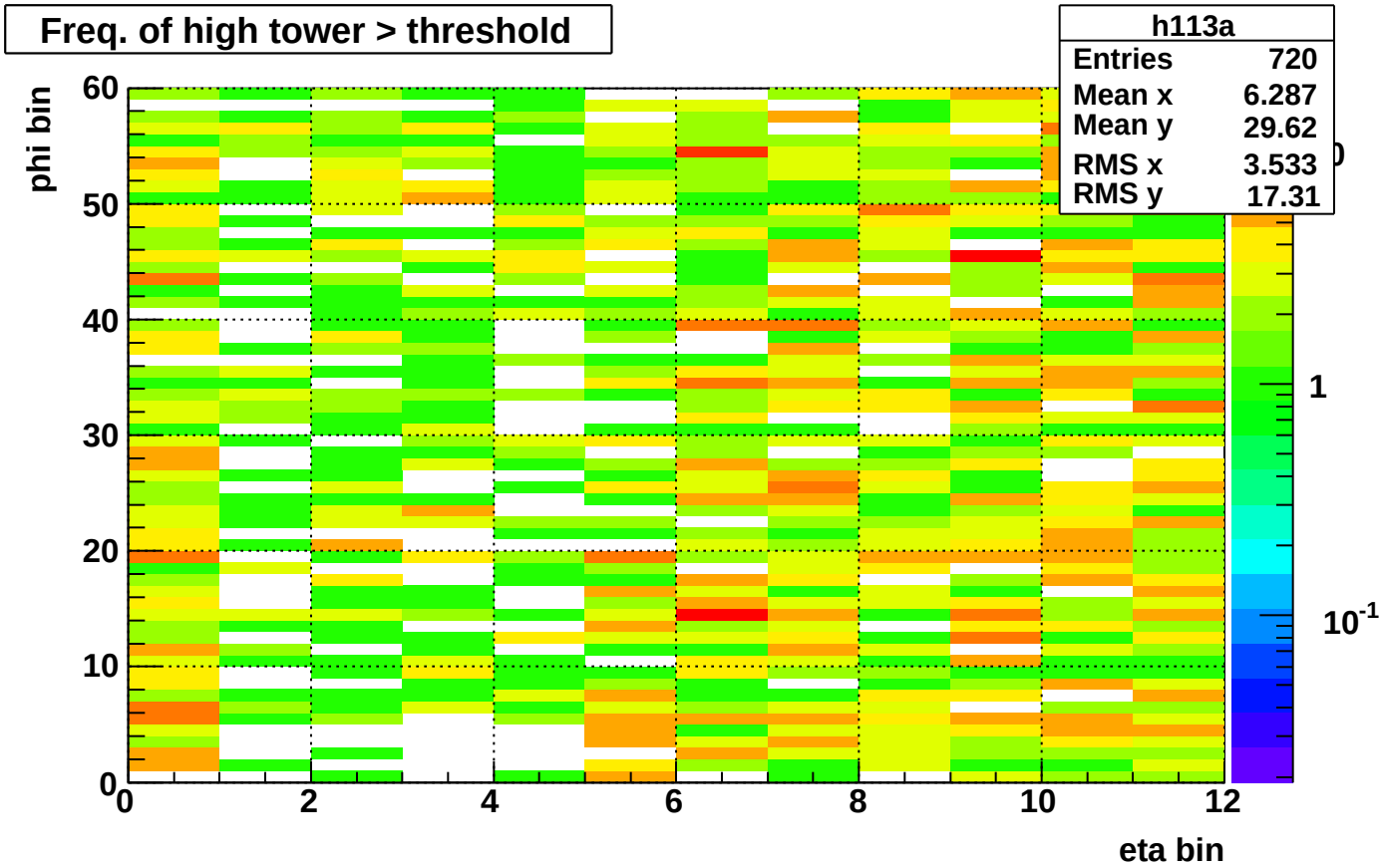

N high towers > threshold
h101
Entries 1659
Mean 1.52
RMS 0.1578

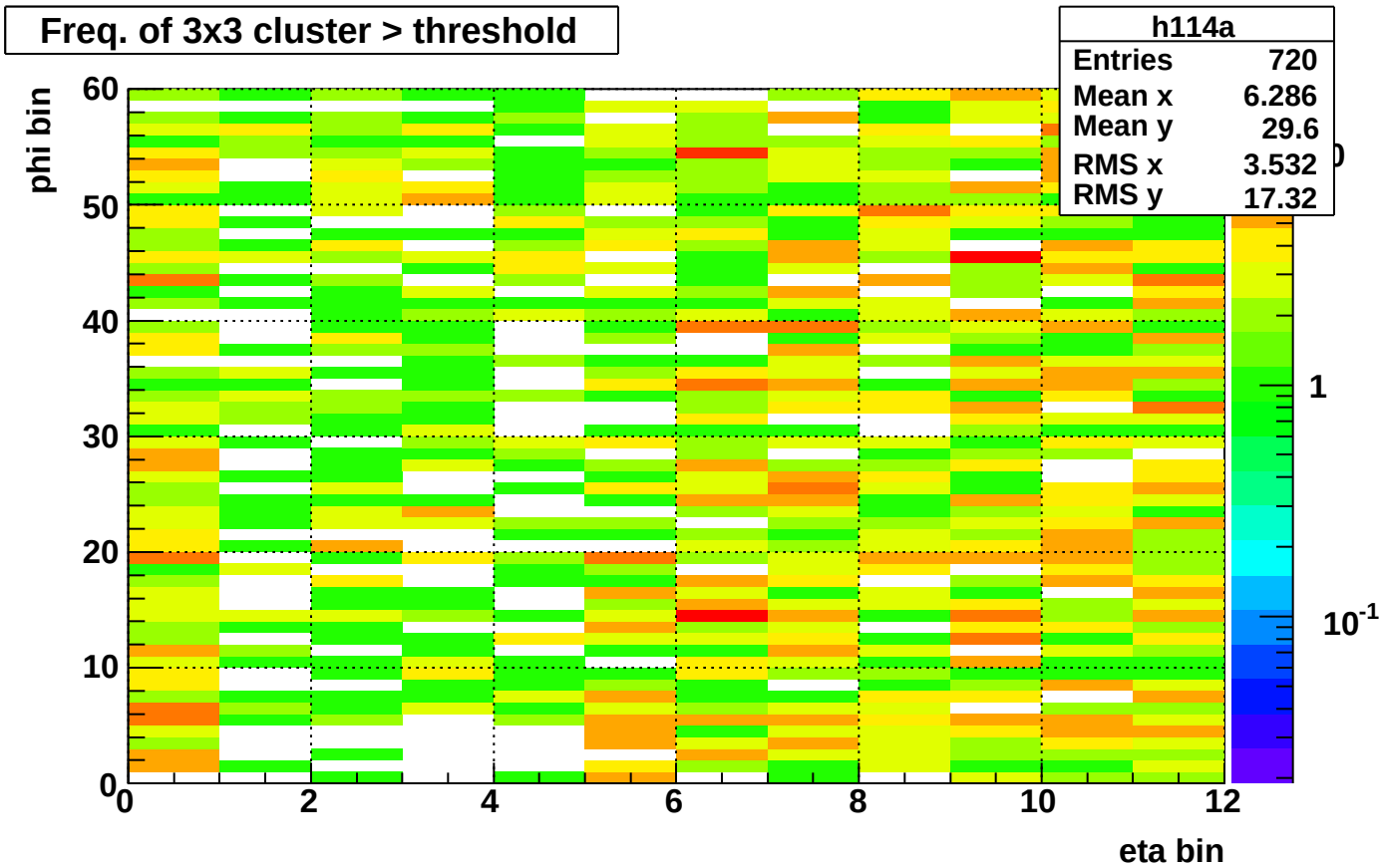

N clusters > threshold (w/ ht > threshold)
h102
Entries 1659
Mean 1.492
RMS 0.2194

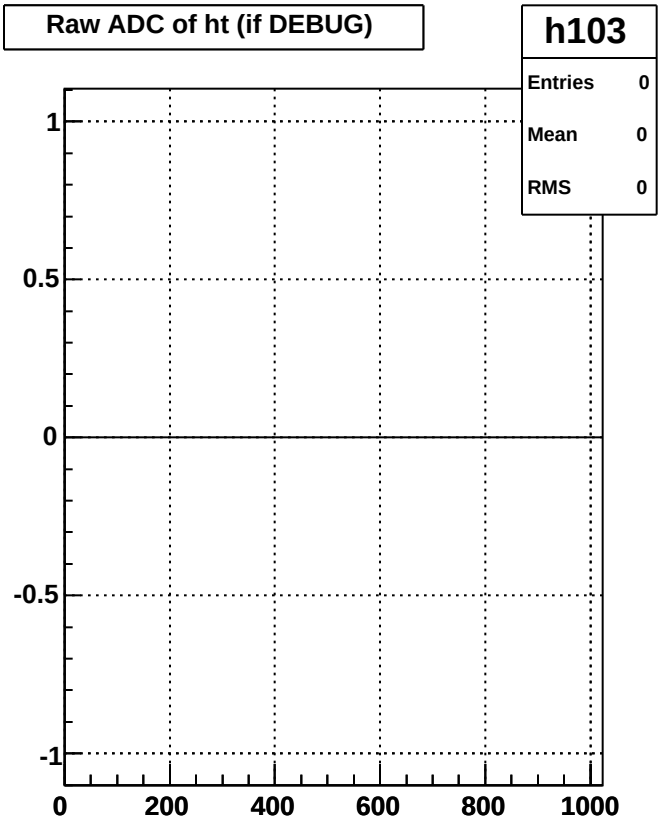

kTicks / input event
h115
Entries 1659
Mean 18.08
RMS 2.015
Input Events
tower > thresh
clust > thresh

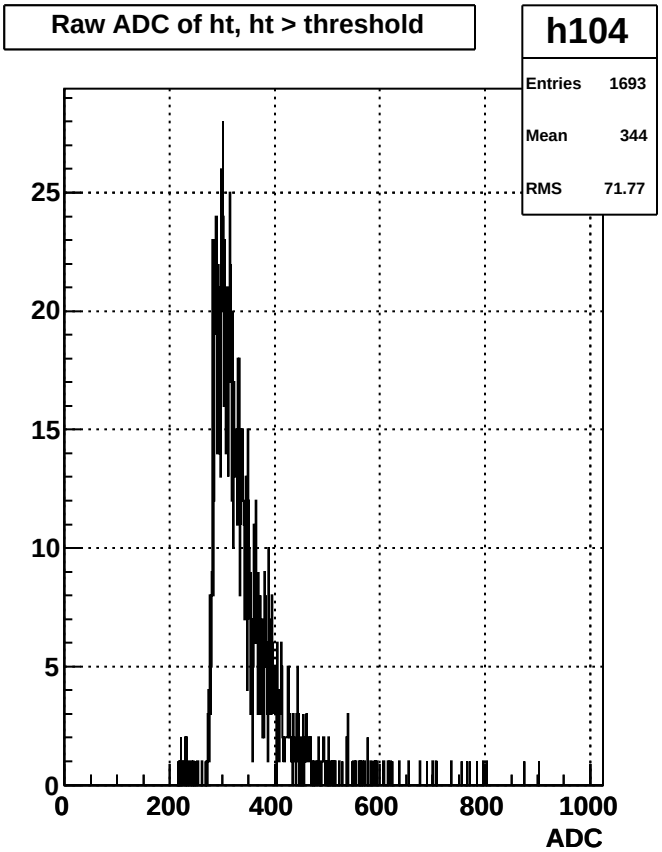

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 1650
Mean 361.8
RMS 208.2
0
2
4
6
8
10
12
14
16
18
0
100
200
300
400
500
600
700

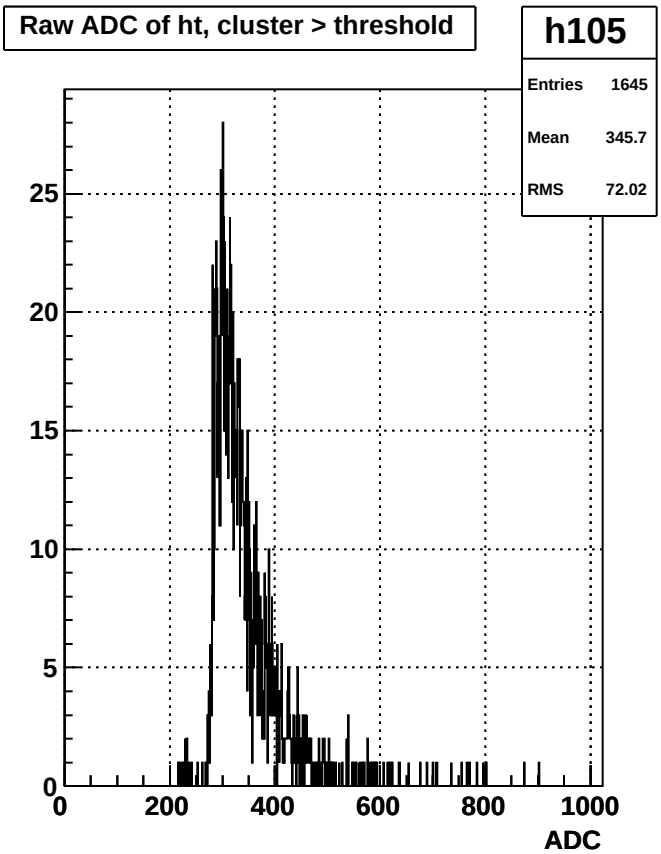

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 1645
Mean 361.7
RMS 208.3
0
2
4
6
8
10
12
14
16
18
0
100
200
300
400
500
600
700

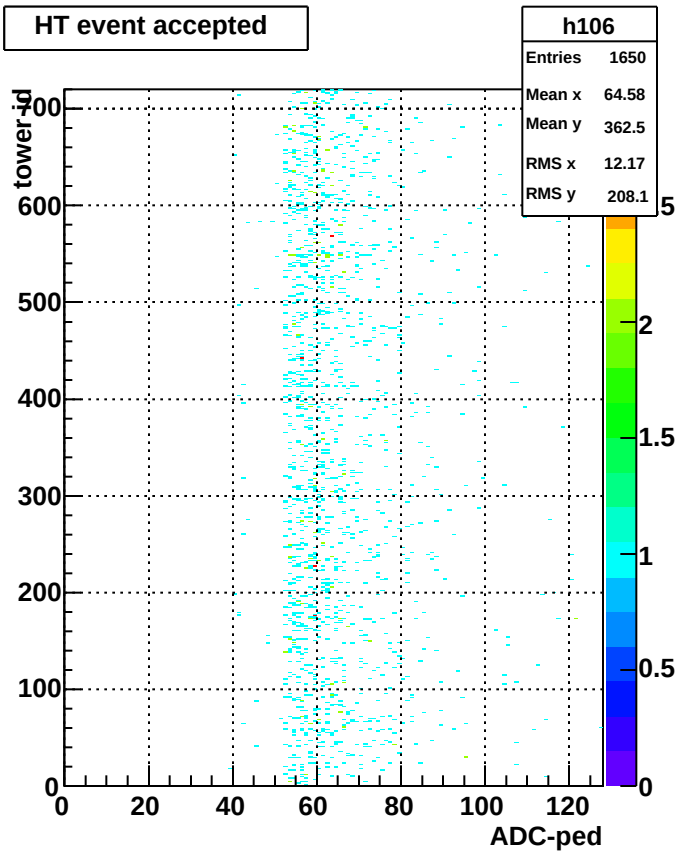

Freq. of high tower > threshold
h113a
Entries 720
Mean x 6.287
Mean y 29.62
RMS x 3.533
RMS y 17.31
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}

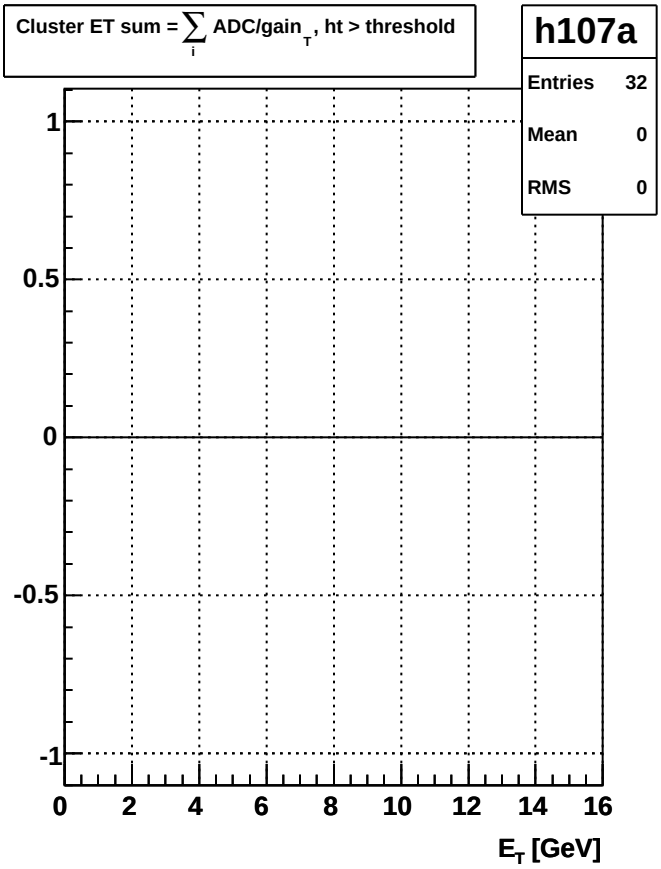

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 6.286
Mean y 29.6
RMS x 3.532
RMS y 17.32
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}

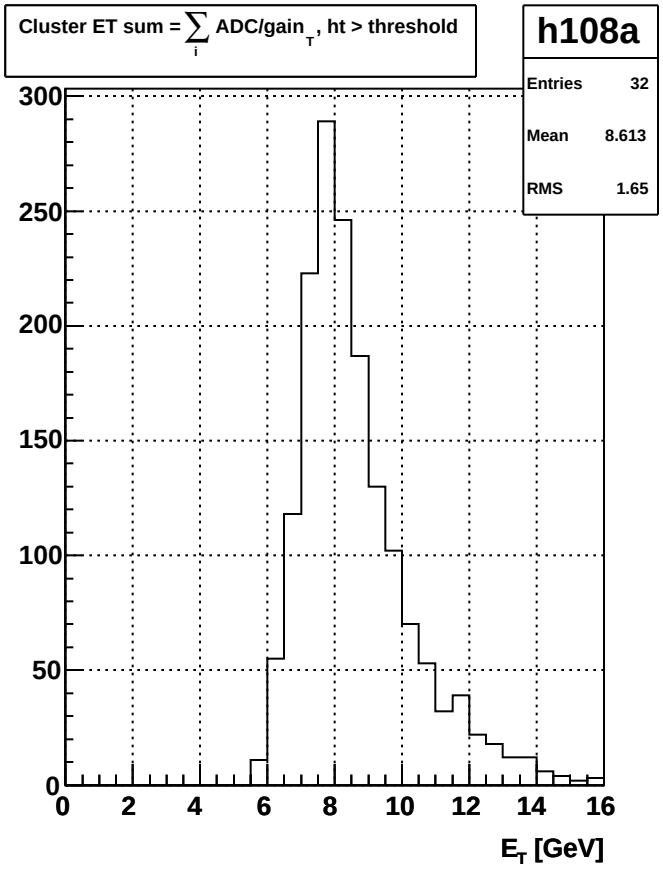

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

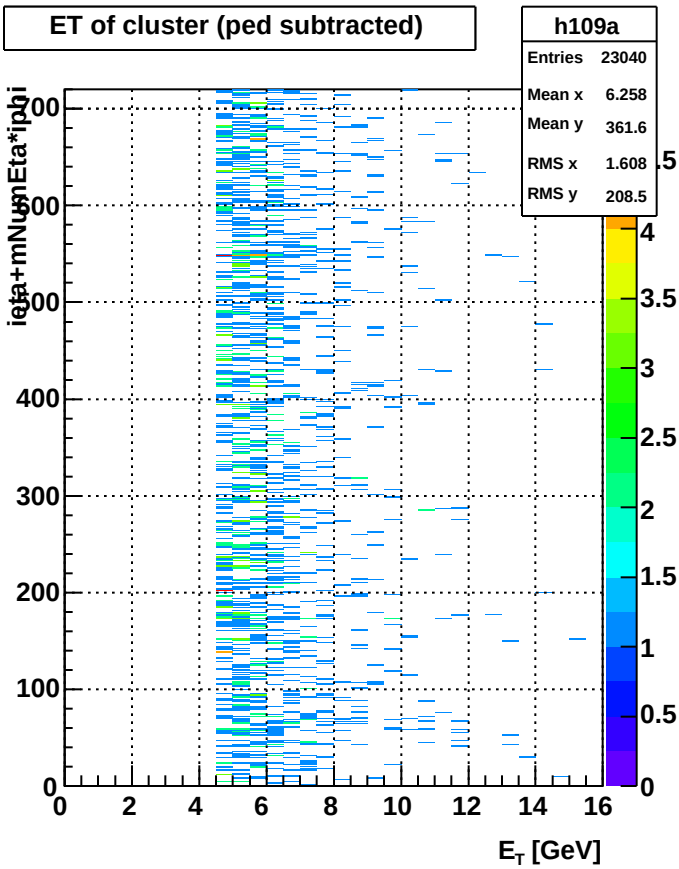

Raw ADC of ht, ht > threshold
h104
Entries 1693
Mean 344
RMS 71.77
25
20
15
10
5
0
0
200
400
600
800
1000
ADC

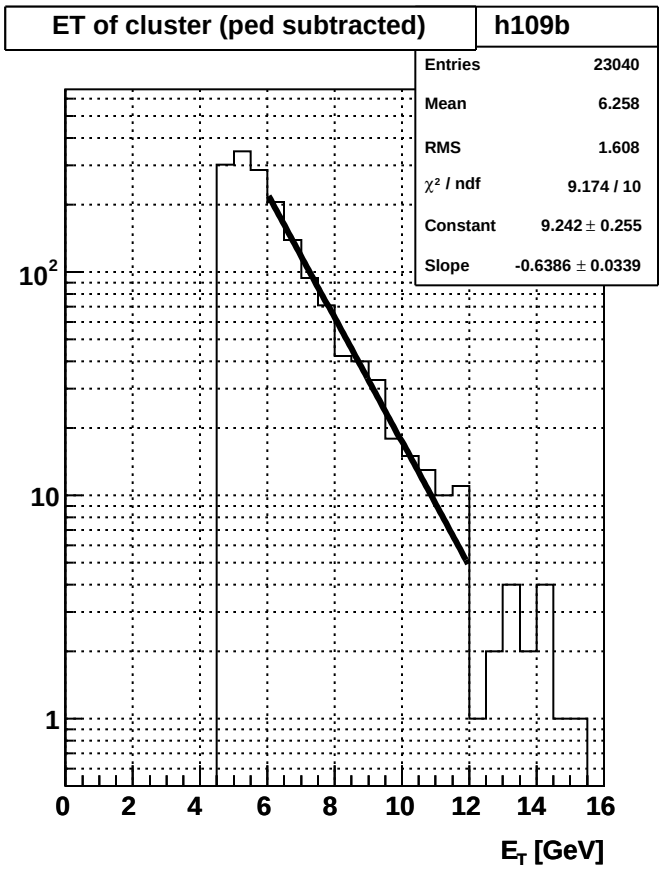

Raw ADC of ht, cluster > threshold
h105
Entries 1645
Mean 345.7
RMS 72.02
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 1650
Mean x 64.58
Mean y 362.5
RMS x 12.17
RMS y 208.1
tower id
700
600
500
400
300
200
100
0
0
20
40
60
80
100
120
ADC-ped
5
2
1.5
1
0.5
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 8.613
RMS 1.65
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.258
Mean y 361.6
RMS x 1.608
RMS y 208.5
ieta+mNumEta*iphi
E_T [GeV]


ET of cluster (ped subtracted)
h109b
Entries 23040
Mean 6.258
RMS 1.608
χ^2 / ndf 9.174 / 10
Constant 9.242 ± 0.255
Slope -0.6386 ± 0.0339
E_T [GeV]