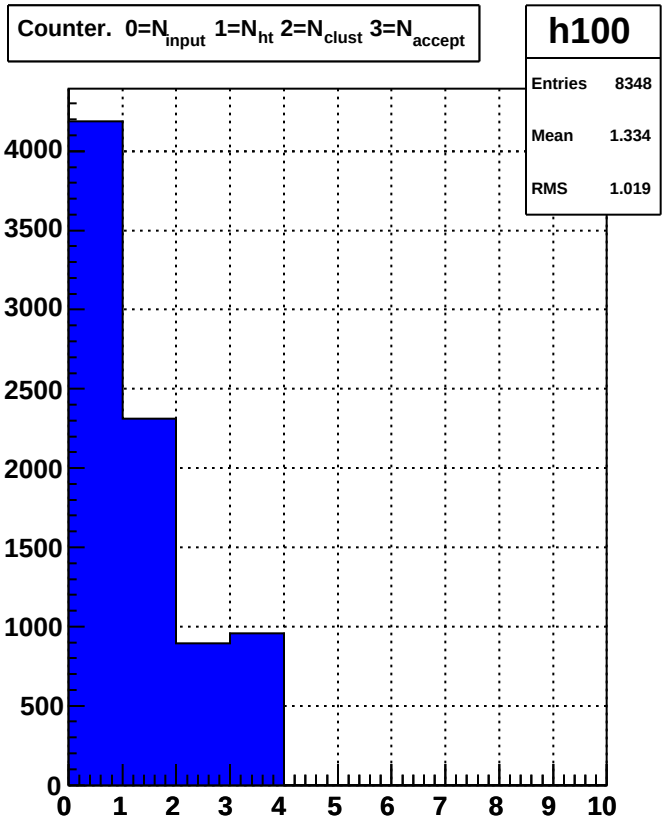
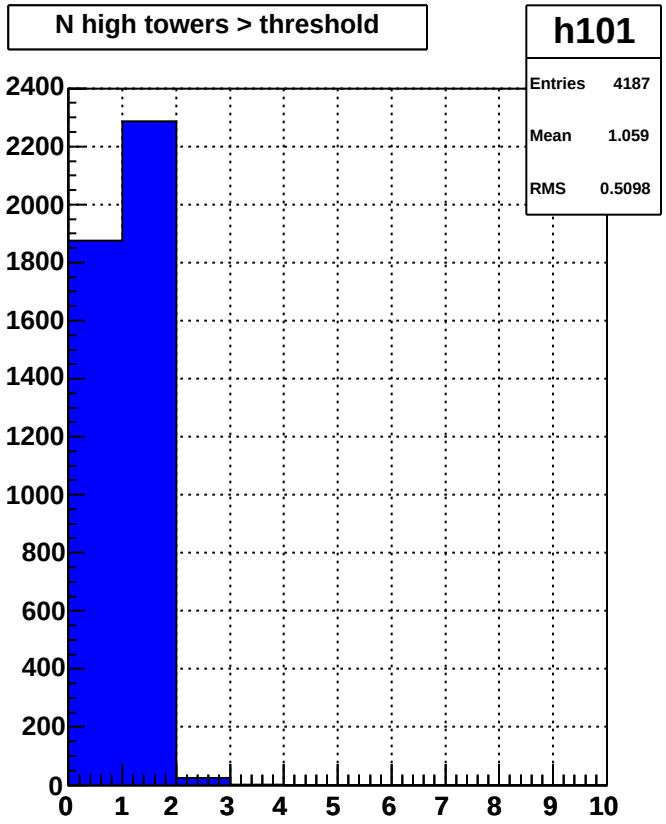
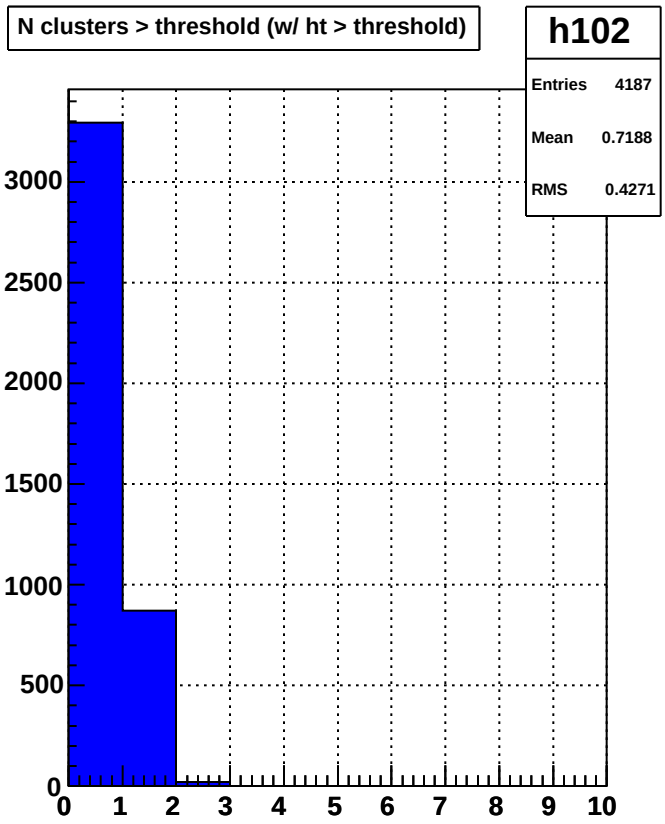
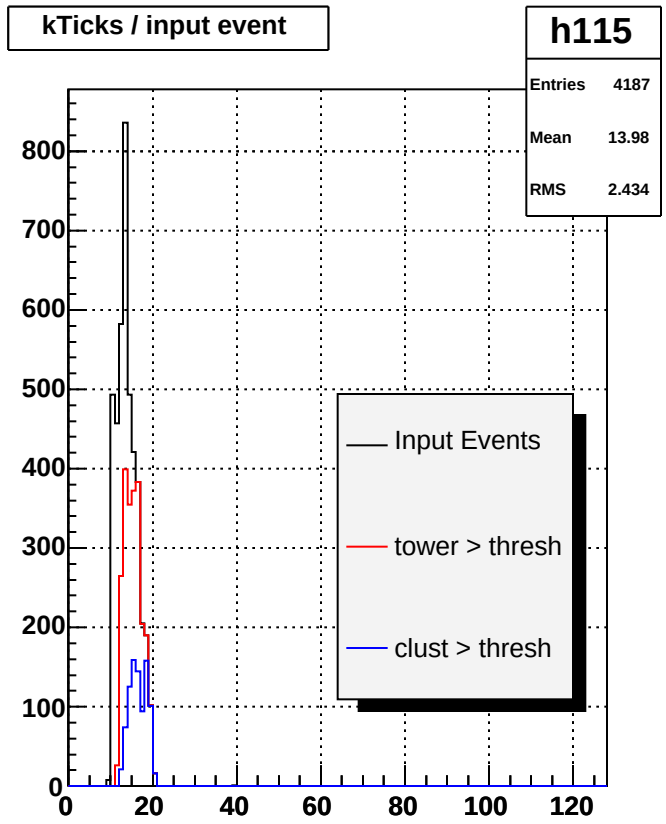
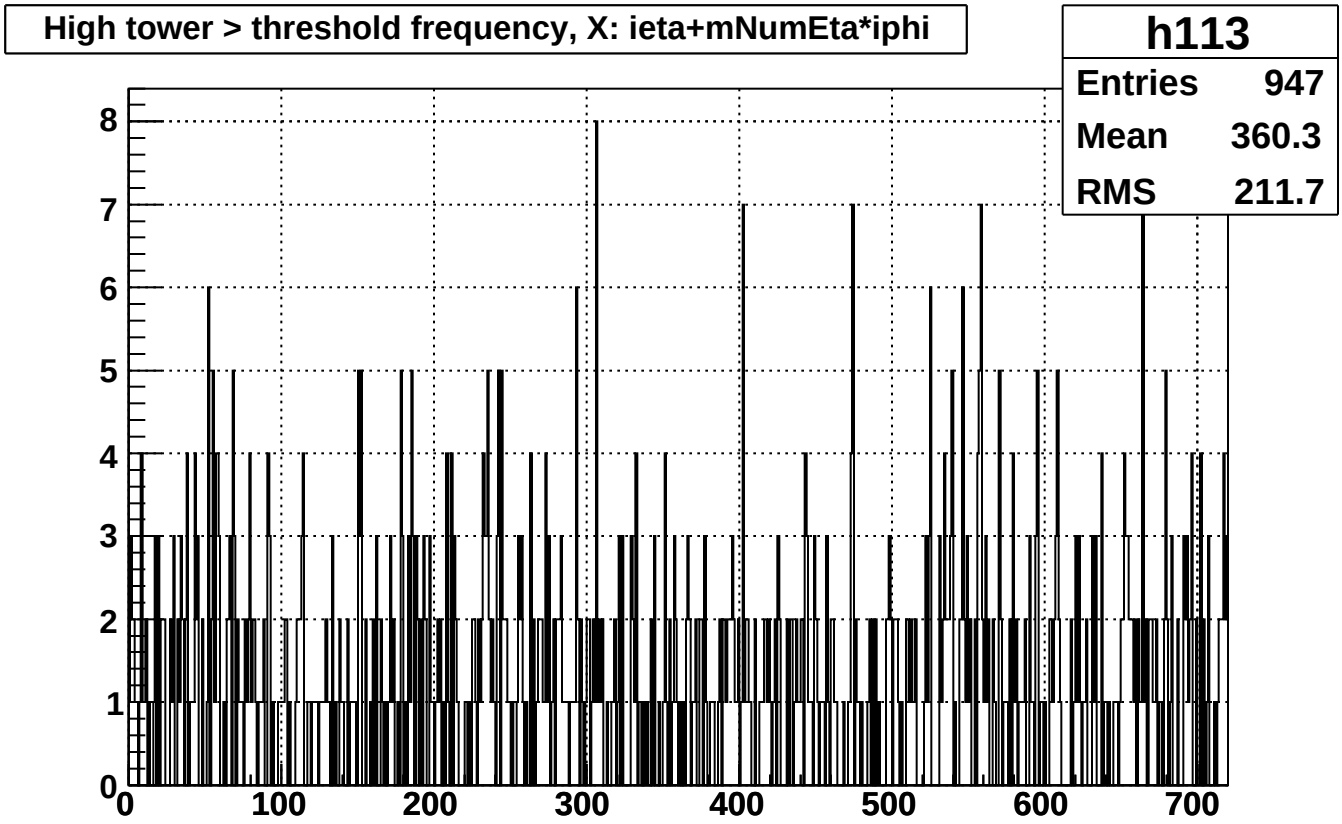
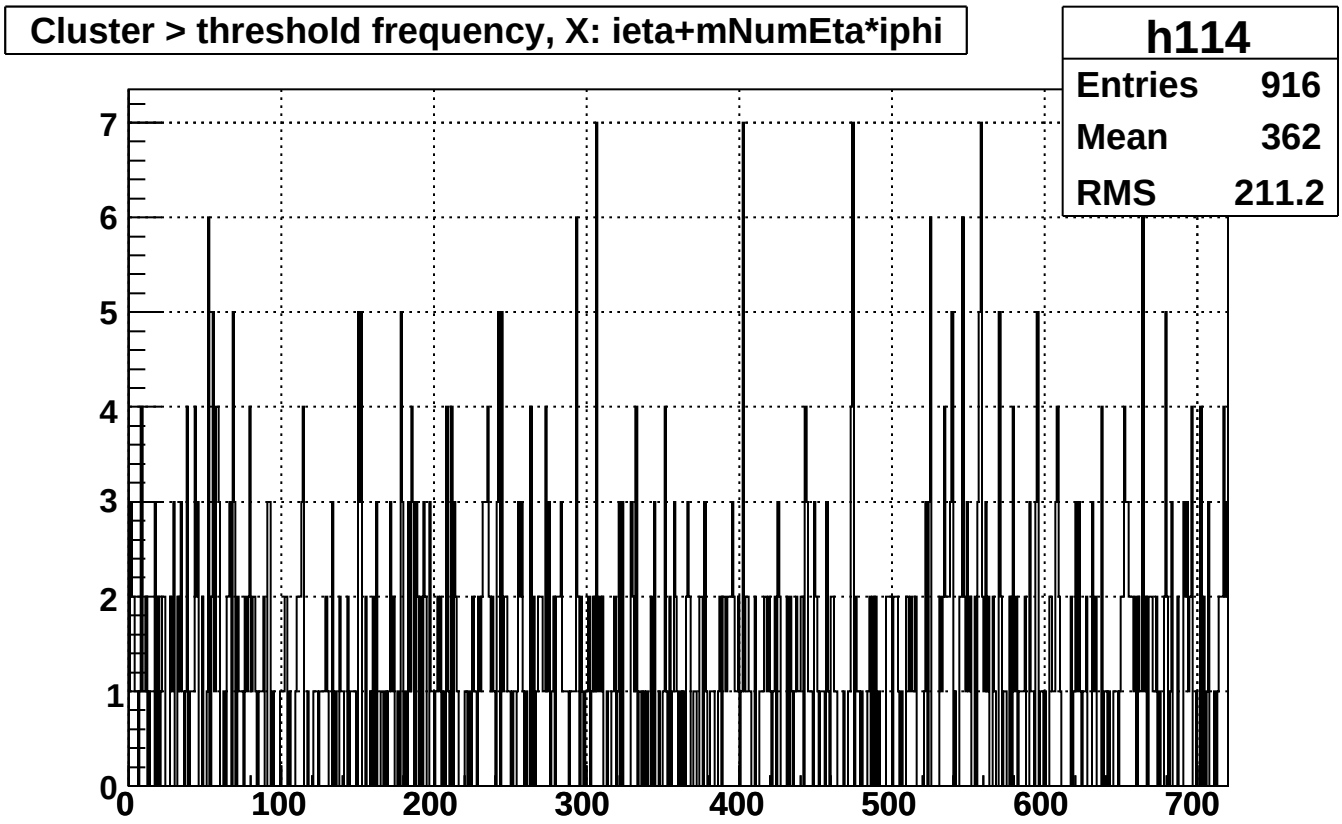

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 8348
Mean 1.334
RMS 1.019

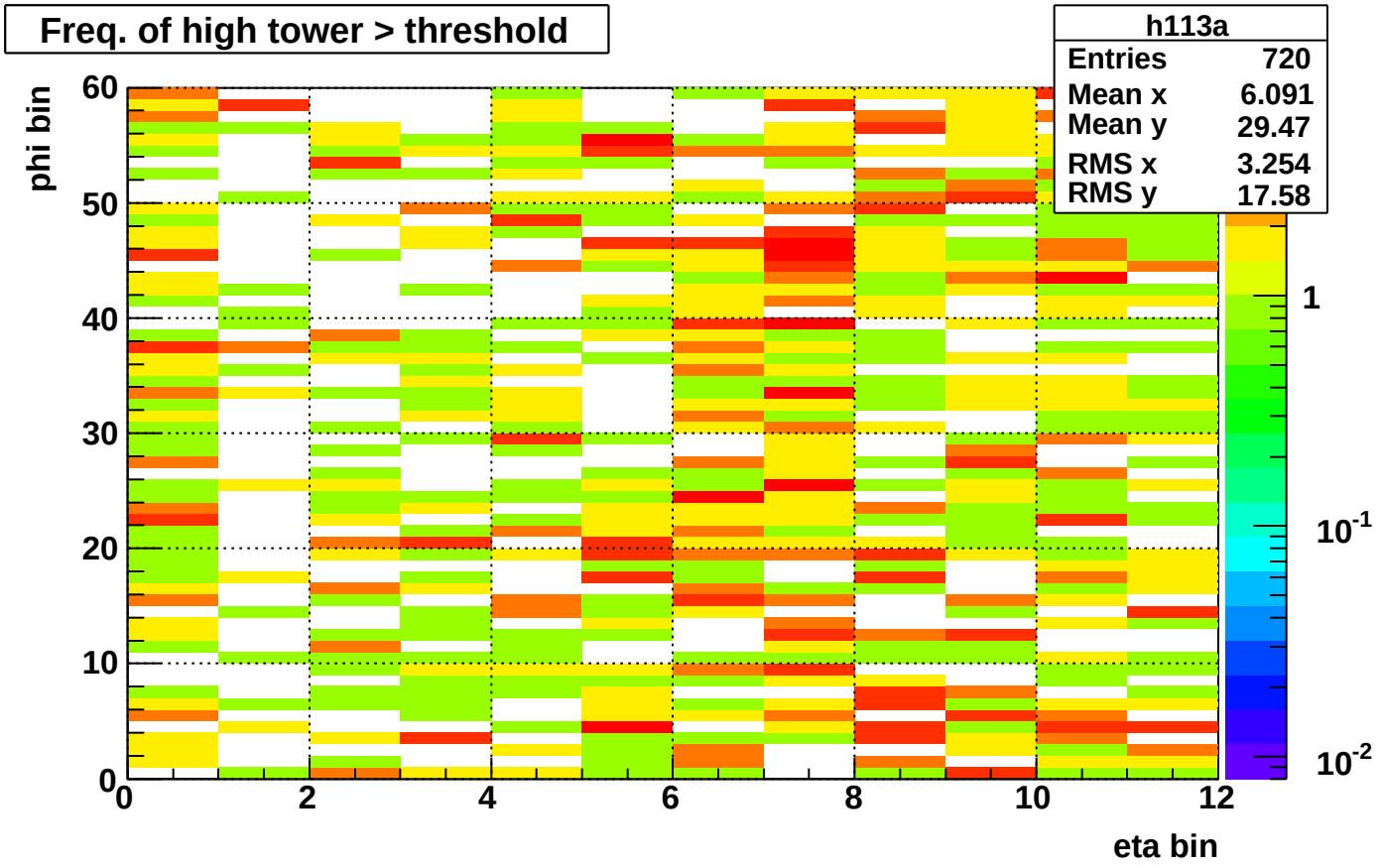

N high towers > threshold
h101
Entries 4187
Mean 1.059
RMS 0.5098

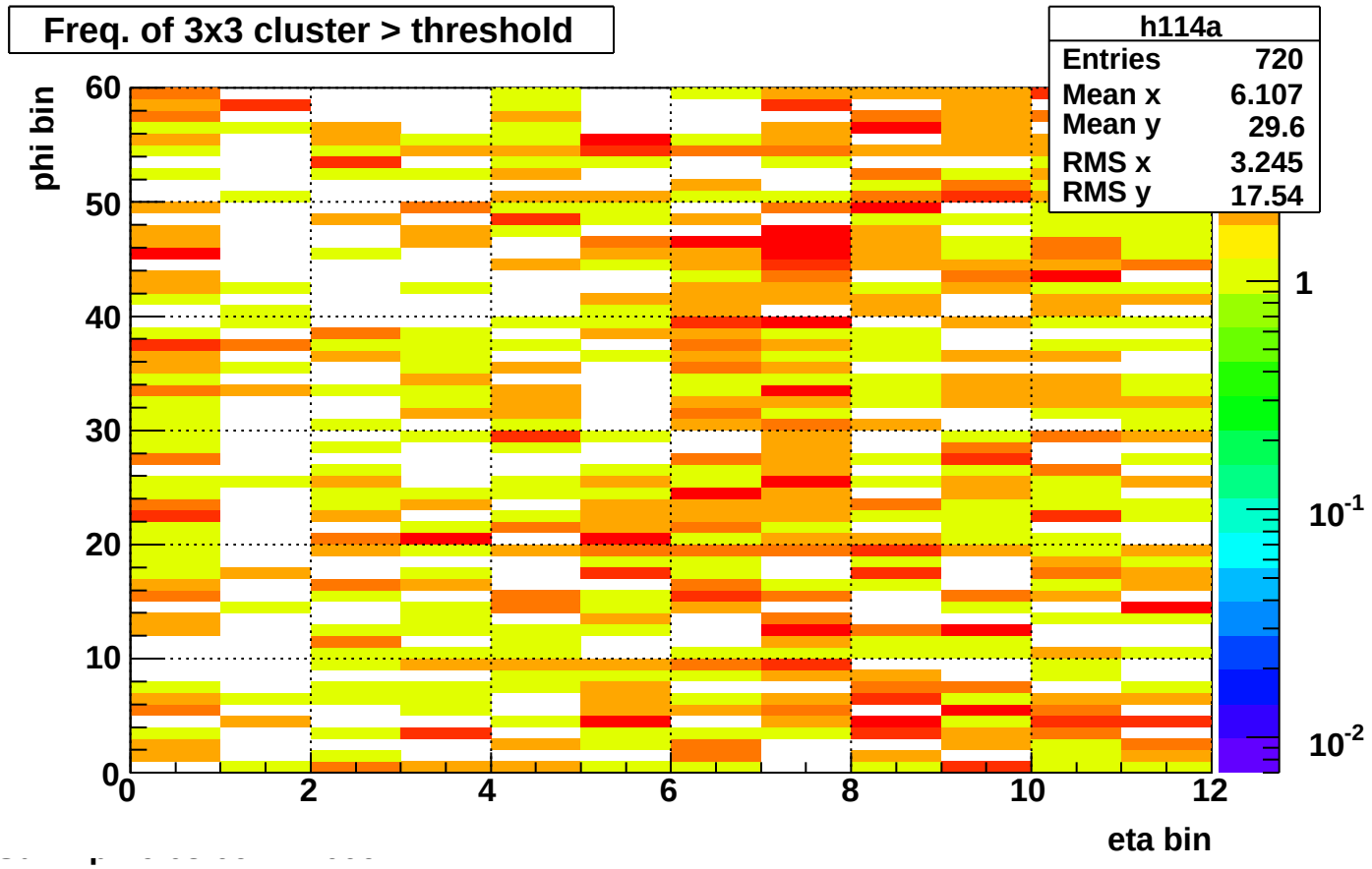

N clusters > threshold (w/ ht > threshold)
h102
Entries 4187
Mean 0.7188
RMS 0.4271

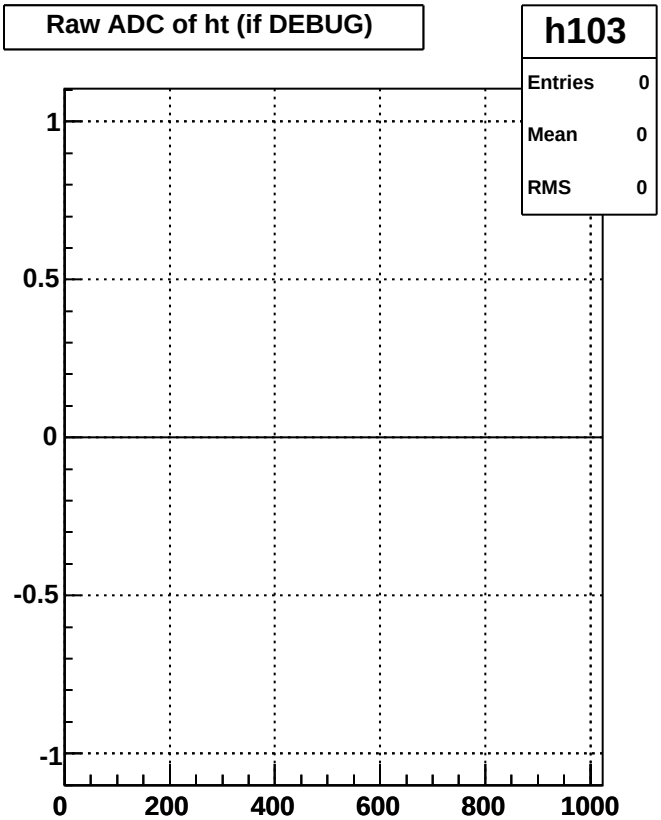

kTicks / input event
h115
Entries 4187
Mean 13.98
RMS 2.434
Input Events
tower > thresh
clust > thresh

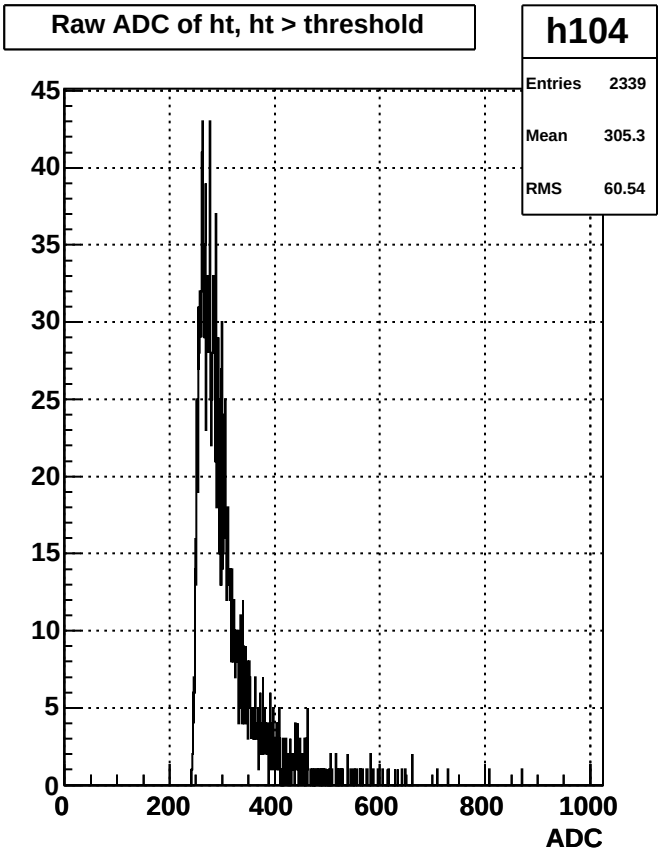

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 947
Mean 360.3
RMS 211.7
0
1
2
3
4
5
6
7
8
0
100
200
300
400
500
600
700

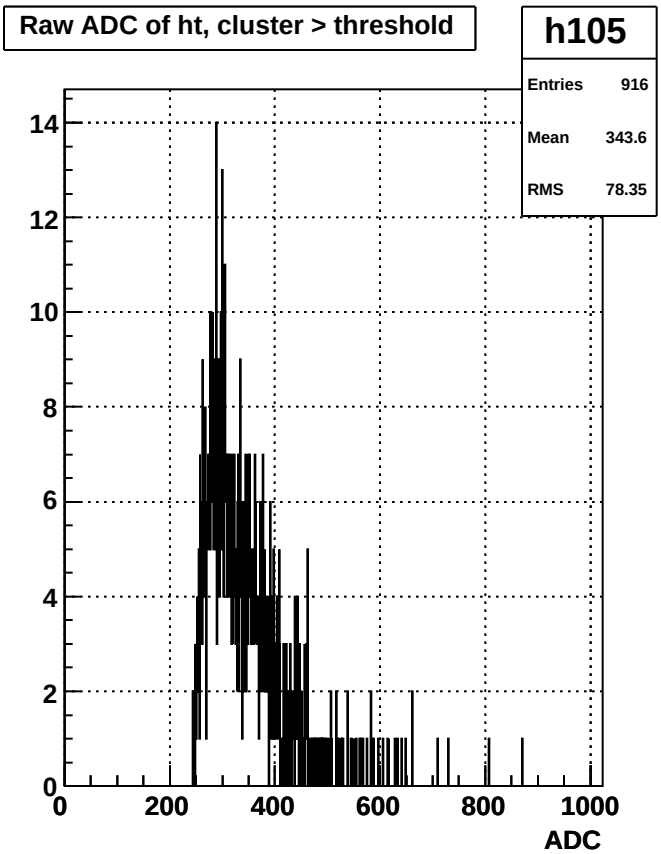

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 916
Mean 362
RMS 211.2
0
1
2
3
4
5
6
7
0
100
200
300
400
500
600
700

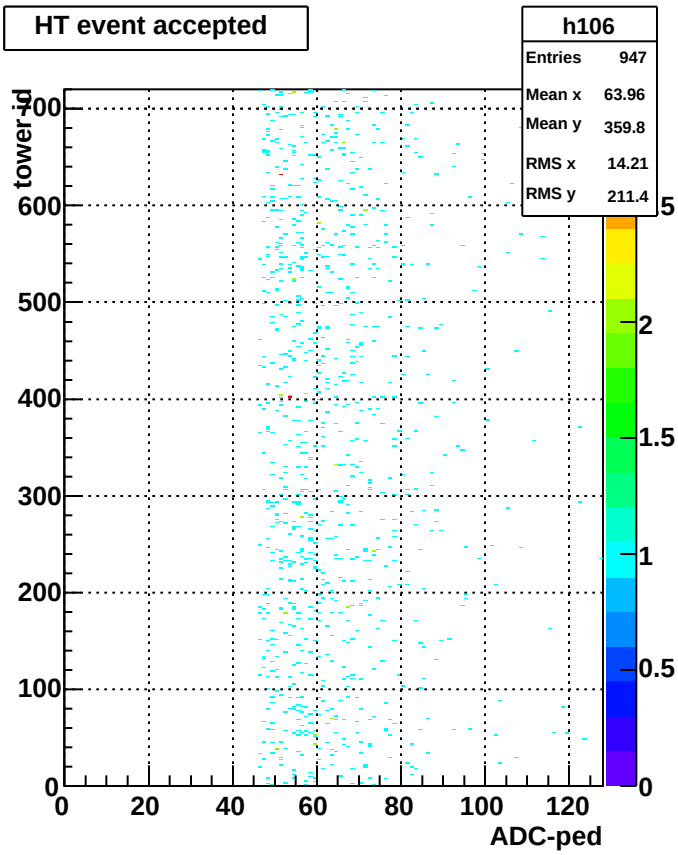

Freq. of high tower > threshold
h113a
Entries 720
Mean x 6.091
Mean y 29.47
RMS x 3.254
RMS y 17.58
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
$10^{-1}$
$10^{-2}$

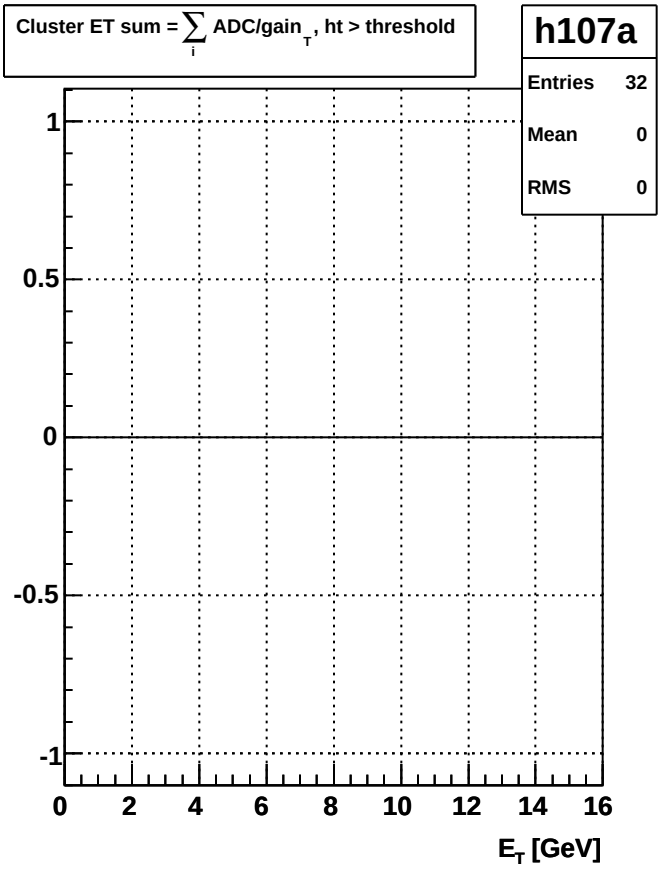

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 6.107
Mean y 29.6
RMS x 3.245
RMS y 17.54
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
$10^{-1}$
$10^{-2}$

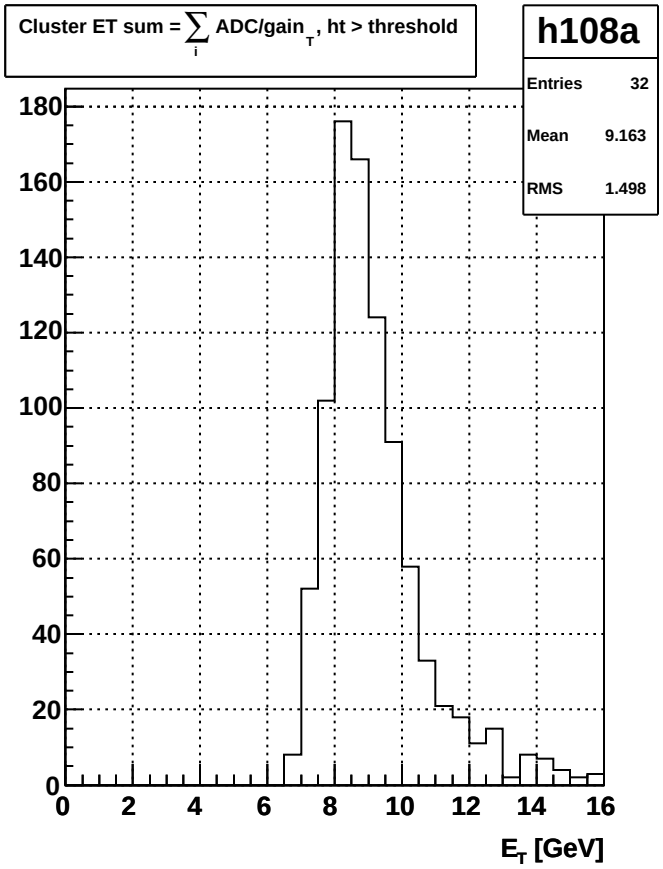

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

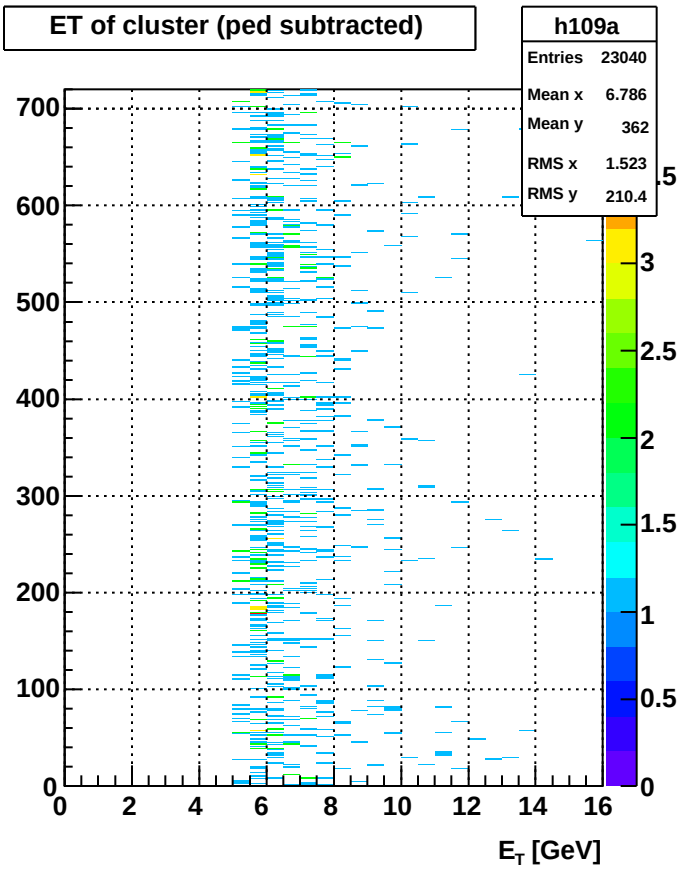

Raw ADC of ht, ht > threshold
h104
Entries 2339
Mean 305.3
RMS 60.54
45
40
35
30
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 916
Mean 343.6
RMS 78.35
14
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 947
Mean x 63.96
Mean y 359.8
RMS x 14.21
RMS y 211.4
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
1
0.5
0
-0.5
-1
0 2 4 6 8 10 12 14 16
$E_T$ [GeV]


Cluster ET sum = $\sum_i$ ADC/gain$_T$, ht > threshold
h108a
Entries 32
Mean 9.163
RMS 1.498
180
160
140
120
100
80
60
40
20
0
0 2 4 6 8 10 12 14 16
$E_T$ [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.786
Mean y 362
RMS x 1.523
RMS y 210.4
700
600
500
400
300
200
100
0
0 2 4 6 8 10 12 14 16
$E_T$ [GeV]
3
2.5
2
1.5
1
0.5
0