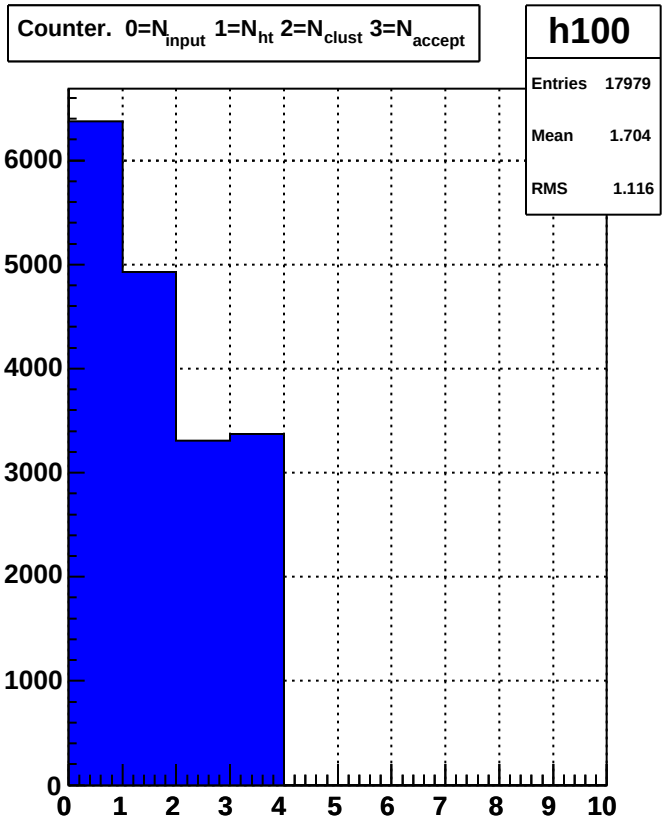
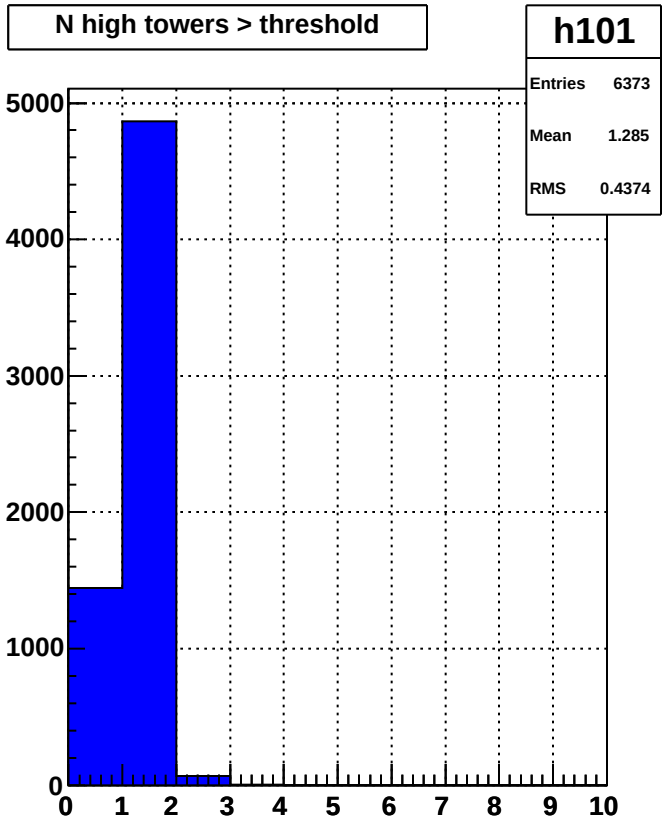
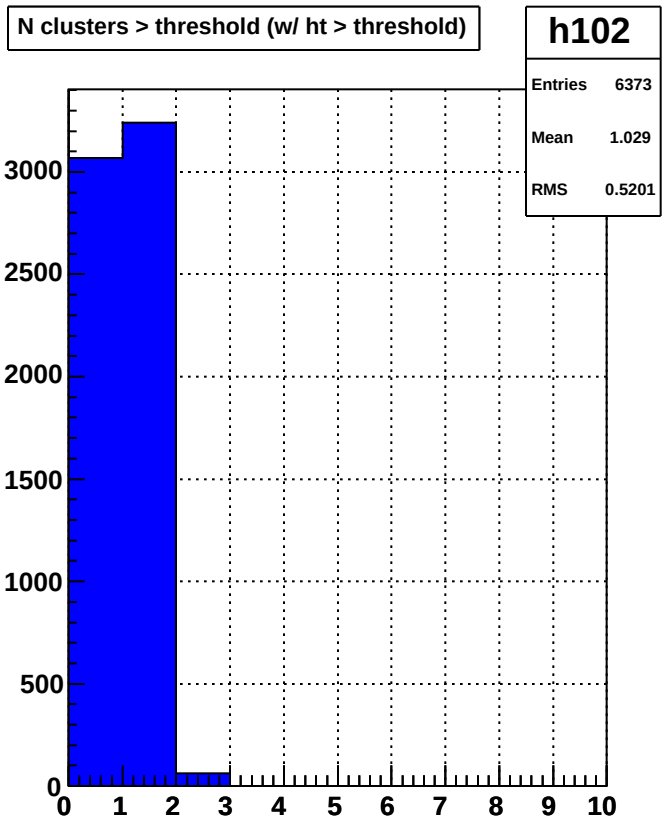
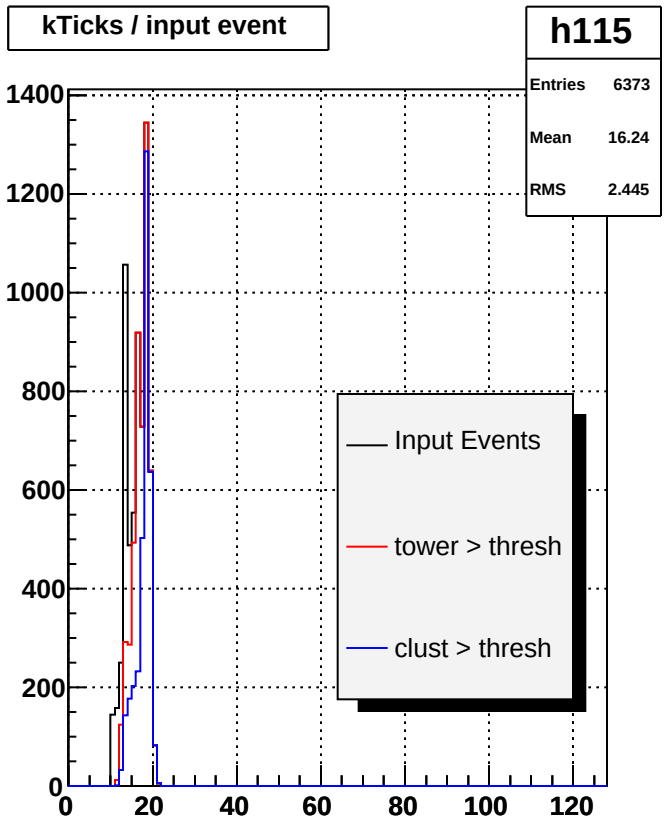
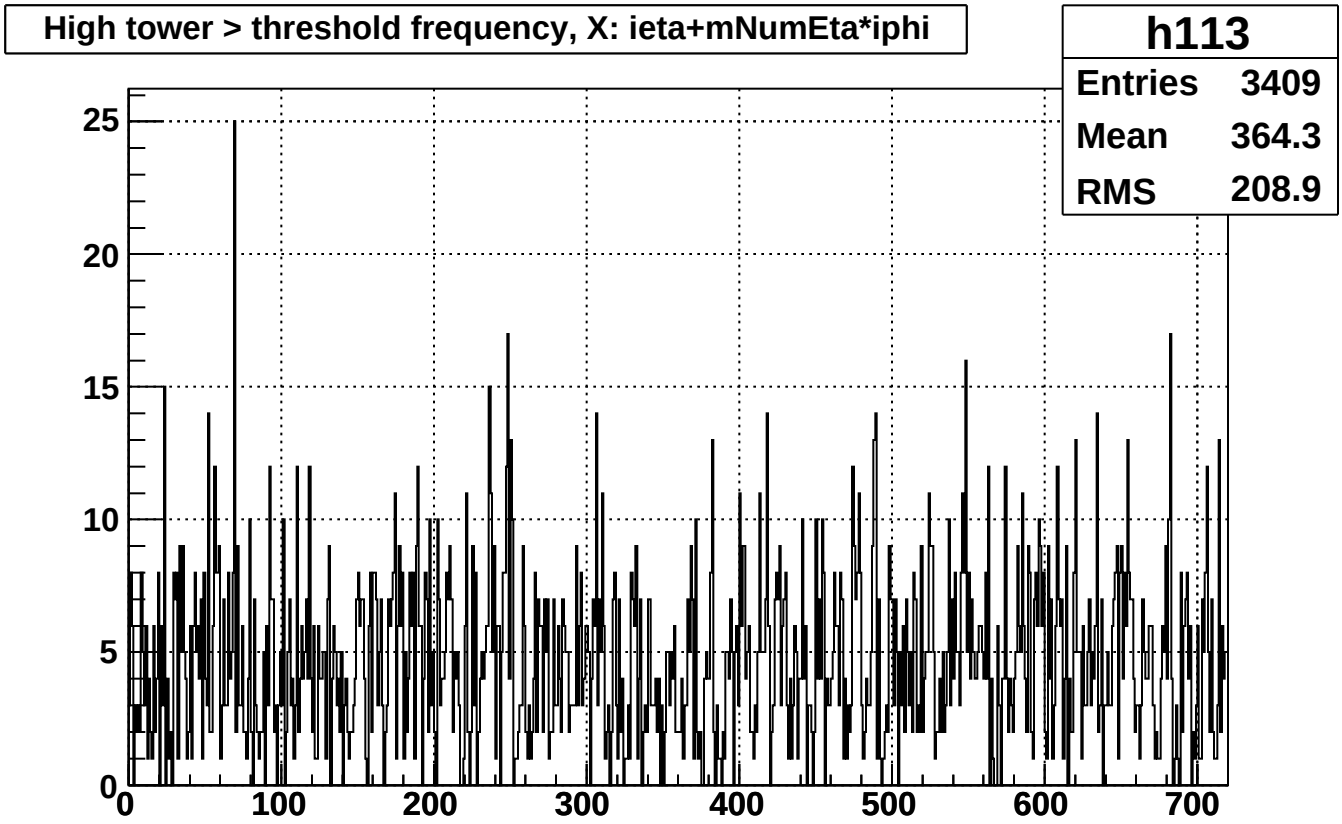
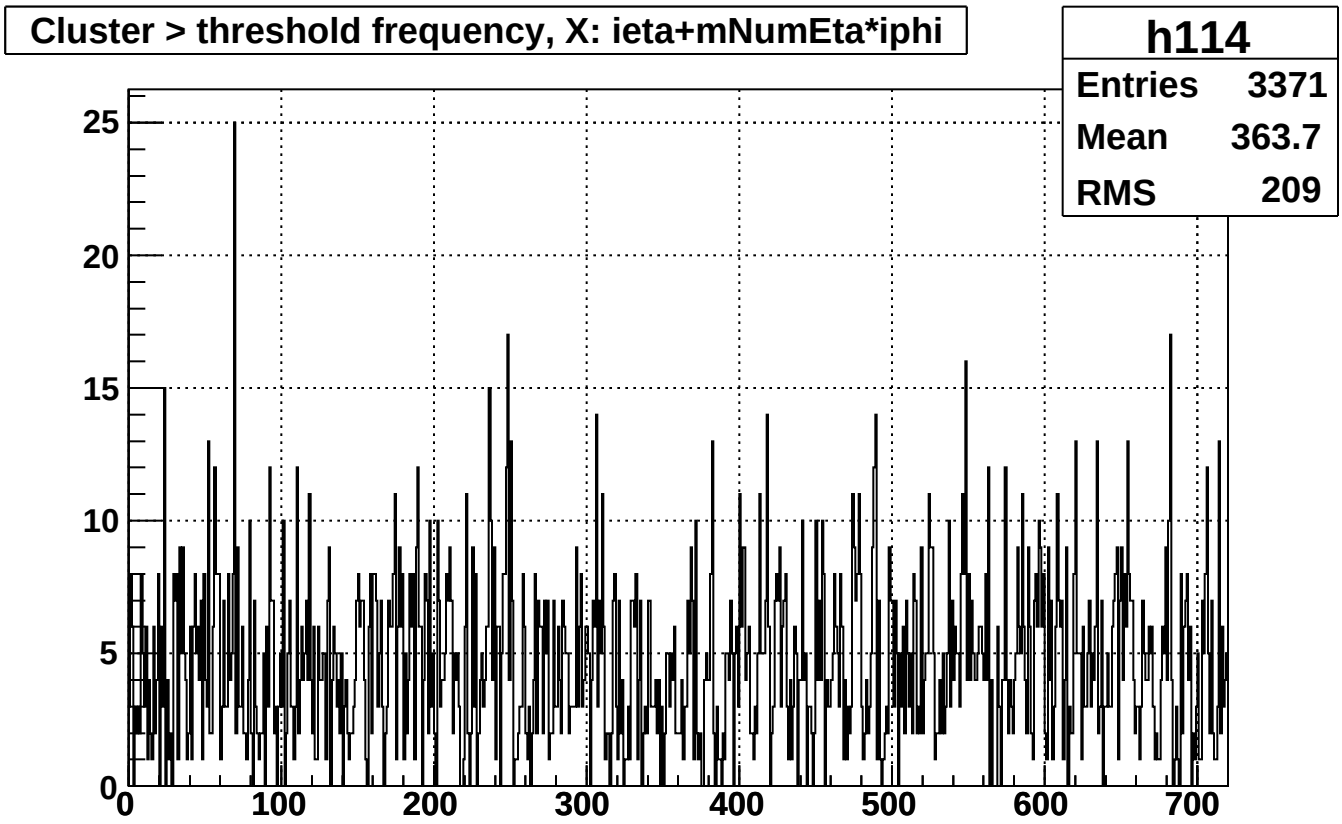

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 17979
Mean 1.704
RMS 1.116
0
1000
2000
3000
4000
5000
6000
0 1 2 3 4 5 6 7 8 9 10

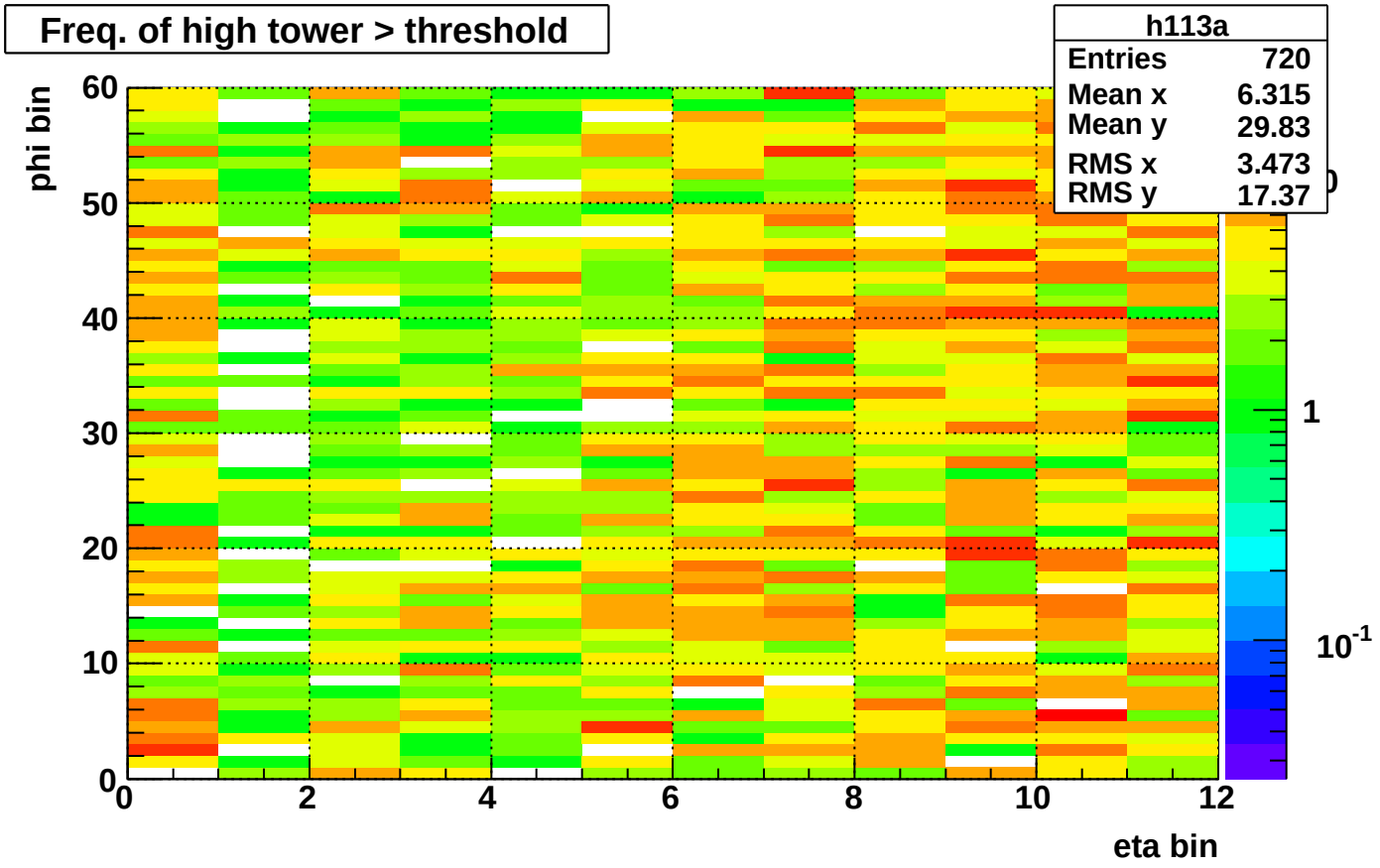

N high towers > threshold
h101
Entries 6373
Mean 1.285
RMS 0.4374
0
1000
2000
3000
4000
5000
0 1 2 3 4 5 6 7 8 9 10

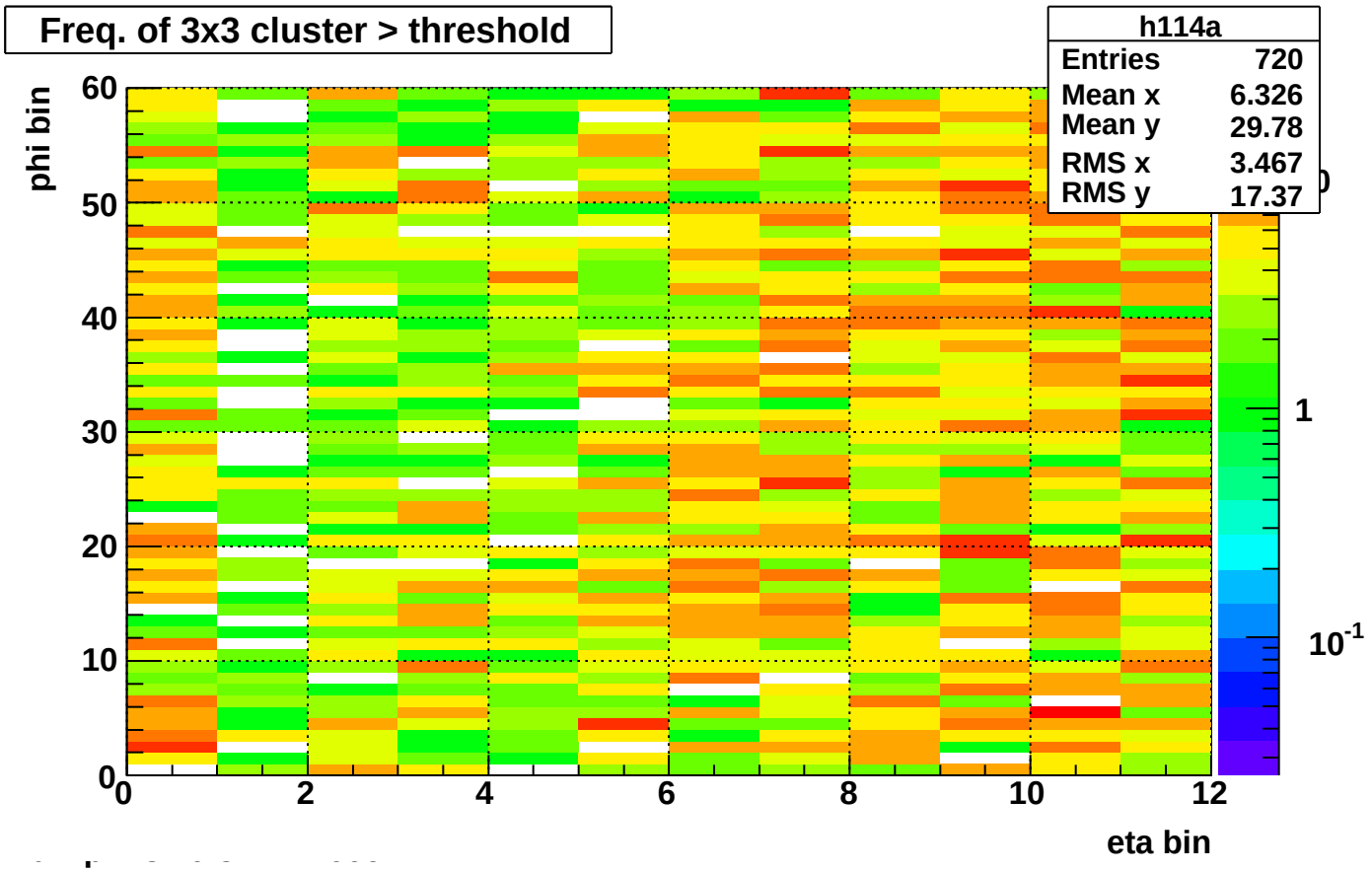

N clusters > threshold (w/ ht > threshold)
h102
Entries 6373
Mean 1.029
RMS 0.5201
0
500
1000
1500
2000
2500
3000
0 1 2 3 4 5 6 7 8 9 10

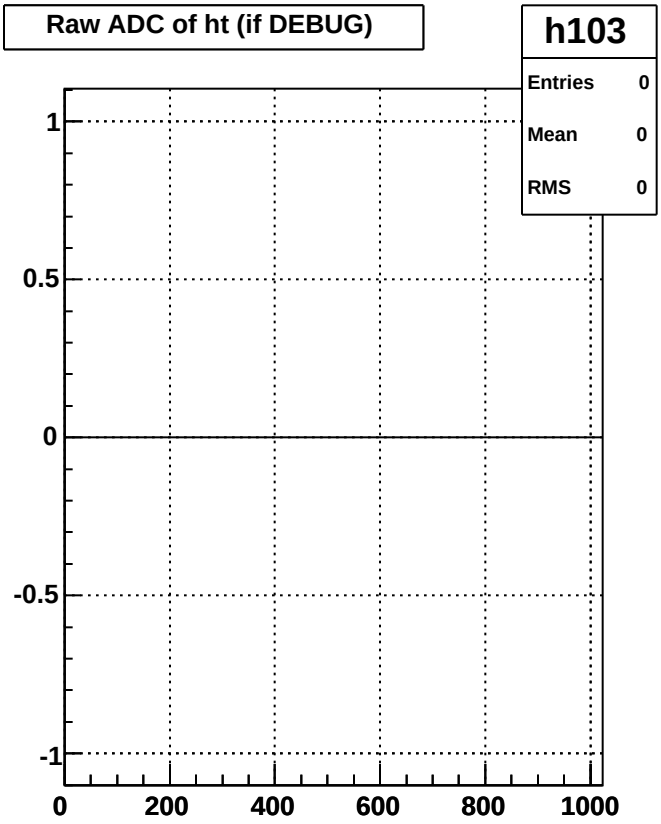

kTicks / input event
h115
Entries 6373
Mean 16.24
RMS 2.445
0
200
400
600
800
1000
1200
1400
0 20 40 60 80 100 120
Input Events
tower > thresh
clust > thresh

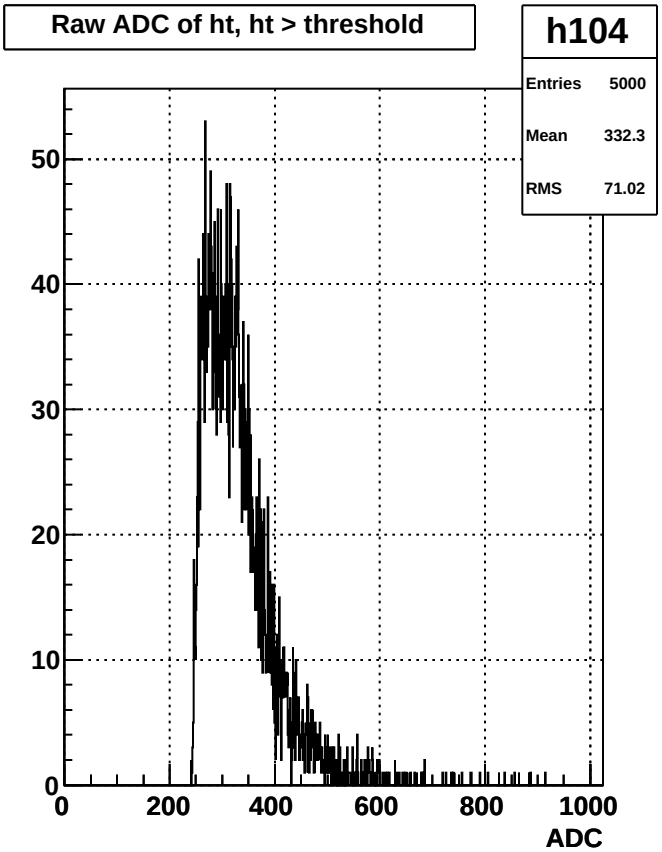

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 3409
Mean 364.3
RMS 208.9
0
5
10
15
20
25
0
100
200
300
400
500
600
700

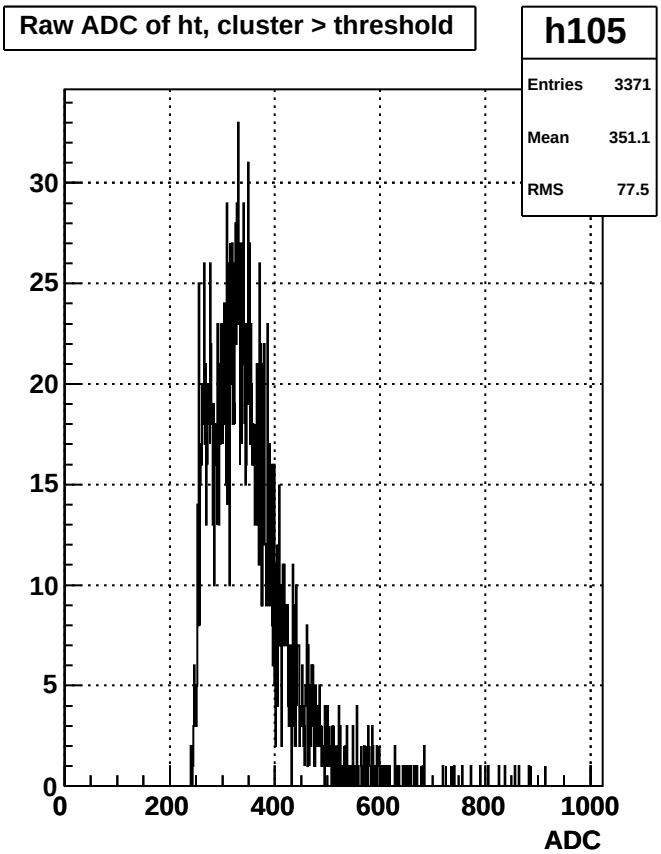

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 3371
Mean 363.7
RMS 209
0
5
10
15
20
25
0
100
200
300
400
500
600
700

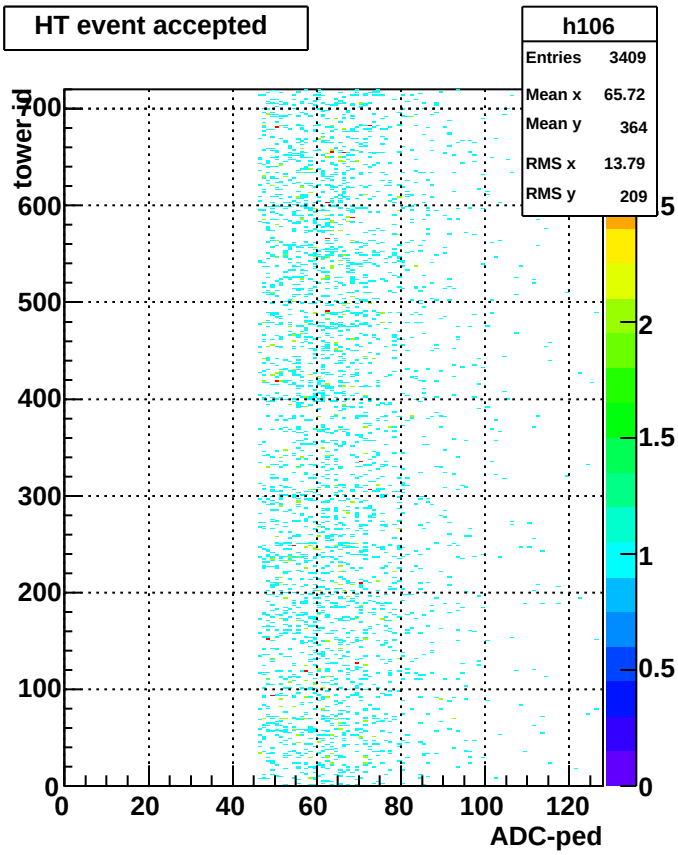

Freq. of high tower > threshold
h113a
Entries 720
Mean x 6.315
Mean y 29.83
RMS x 3.473
RMS y 17.37
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}

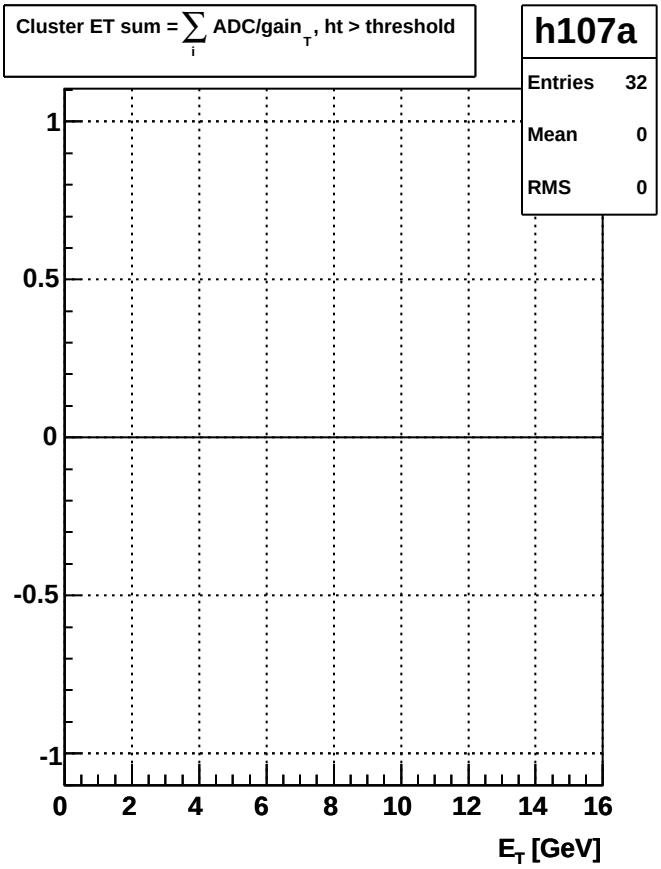

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 6.326
Mean y 29.78
RMS x 3.467
RMS y 17.37
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}

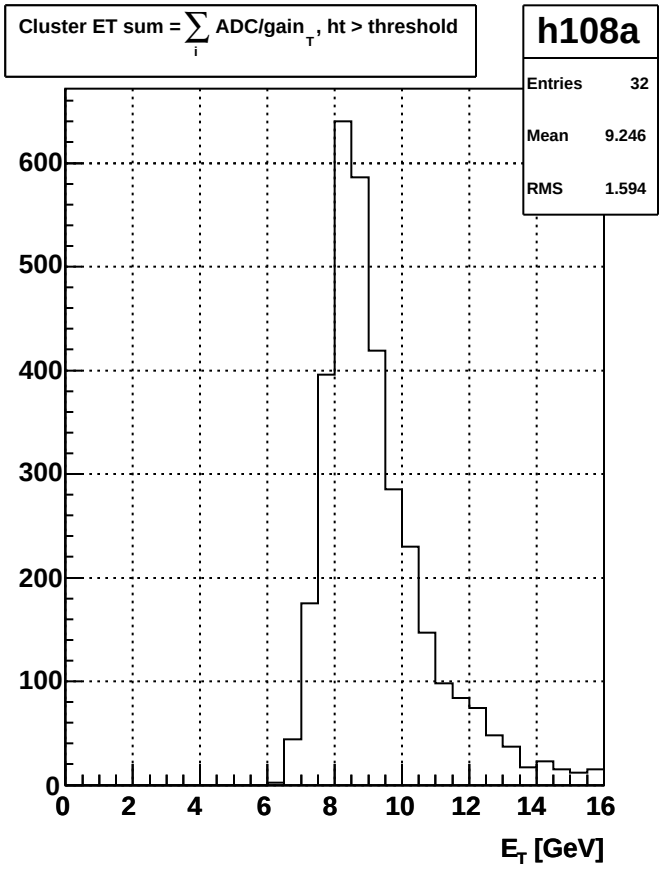

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

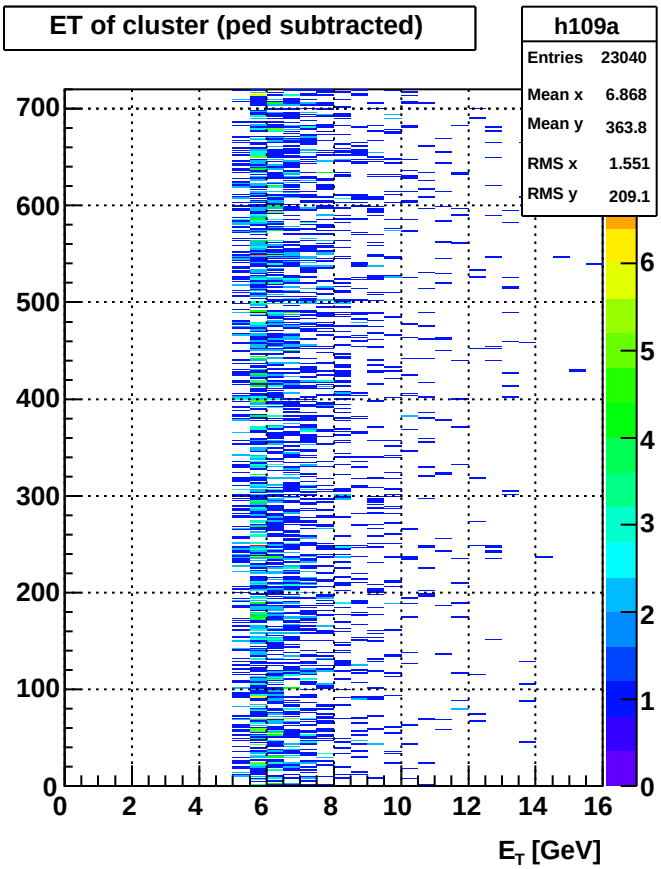

Raw ADC of ht, ht > threshold
h104
Entries 5000
Mean 332.3
RMS 71.02
50
40
30
20
10
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 3371
Mean 351.1
RMS 77.5
30
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 3409
Mean x 65.72
Mean y 364
RMS x 13.79
RMS y 209
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 9.246
RMS 1.594
600
500
400
300
200
100
0
0 2 4 6 8 10 12 14 16
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.868
Mean y 363.8
RMS x 1.551
RMS y 209.1
700
600
500
400
300
200
100
0
0 2 4 6 8 10 12 14 16
E_T [GeV]
6
5
4
3
2
1
0