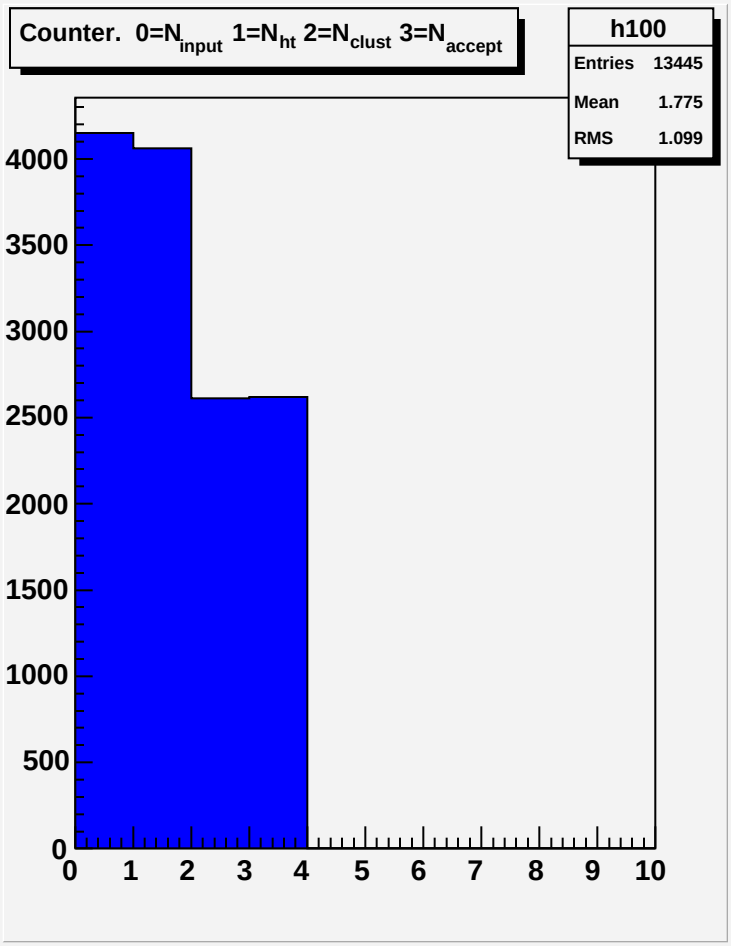
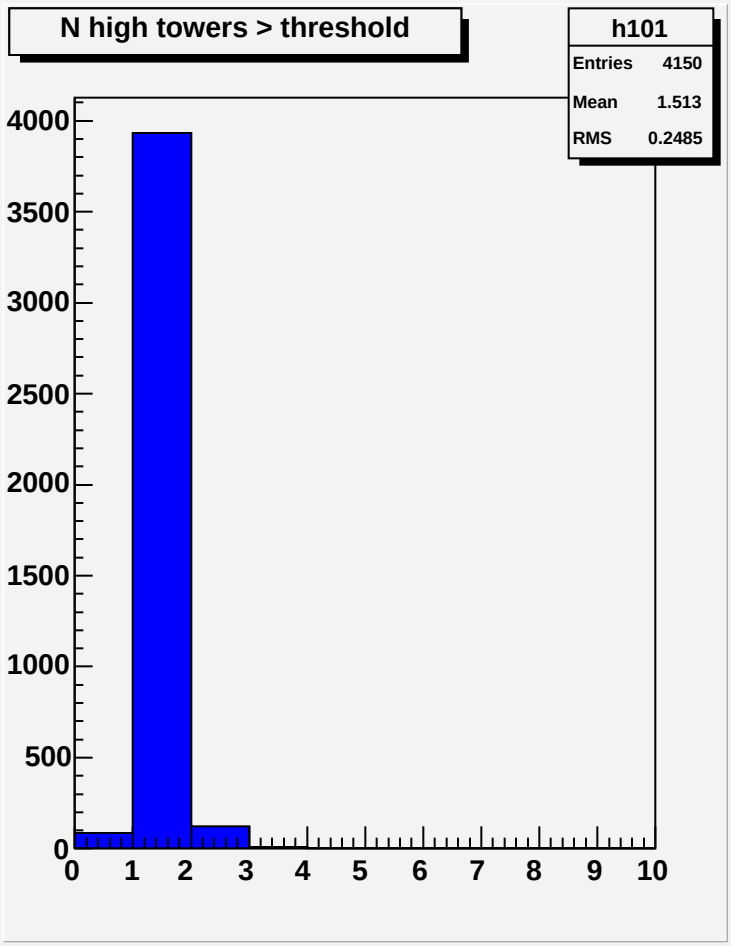
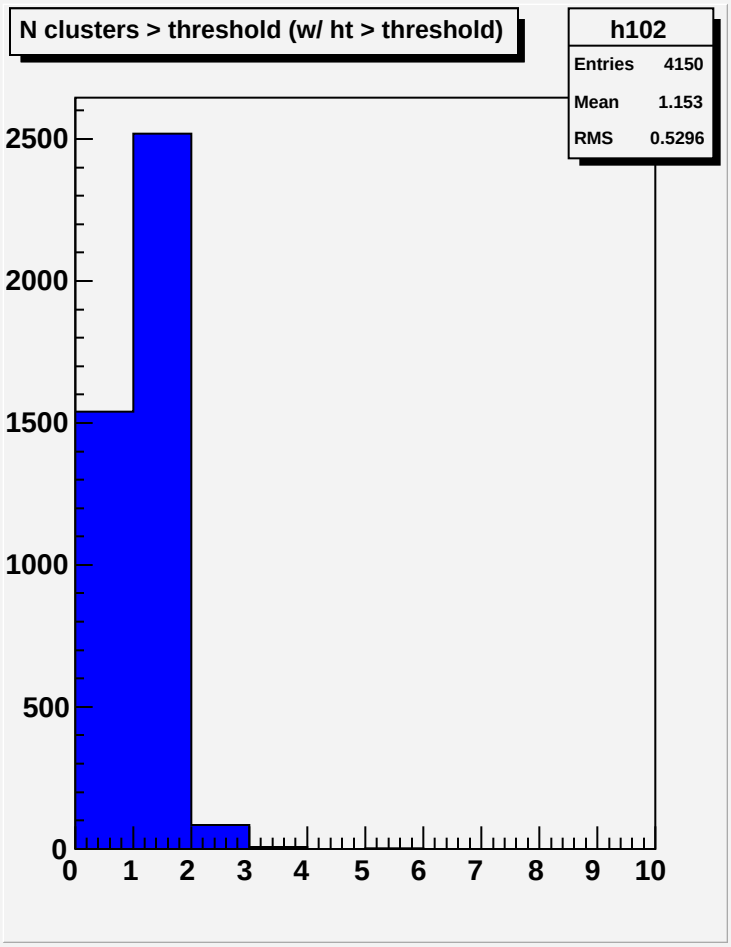
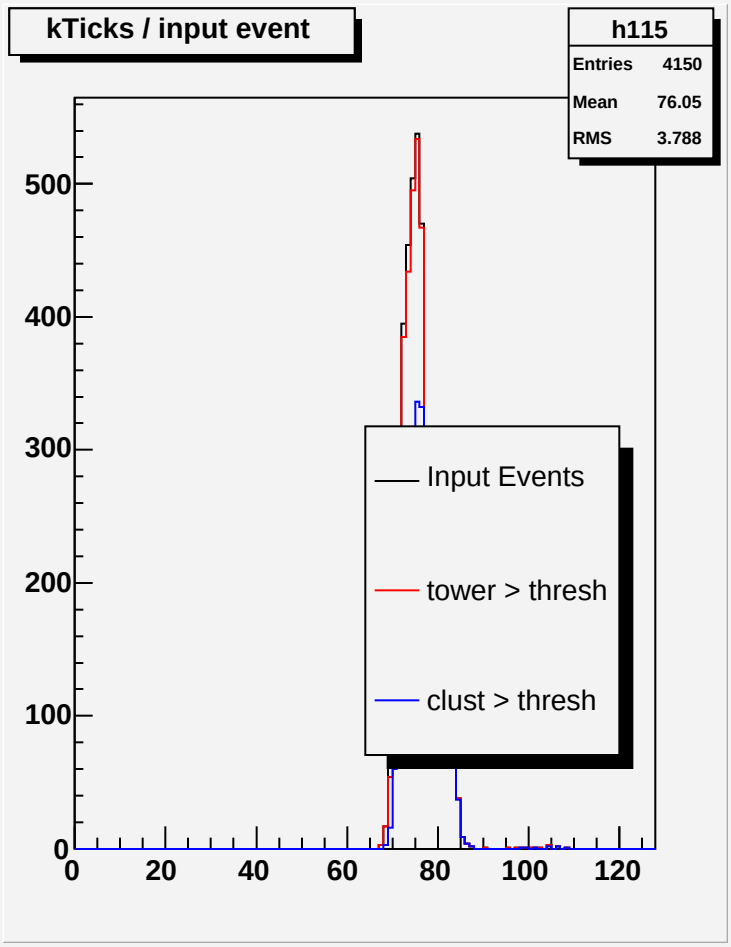
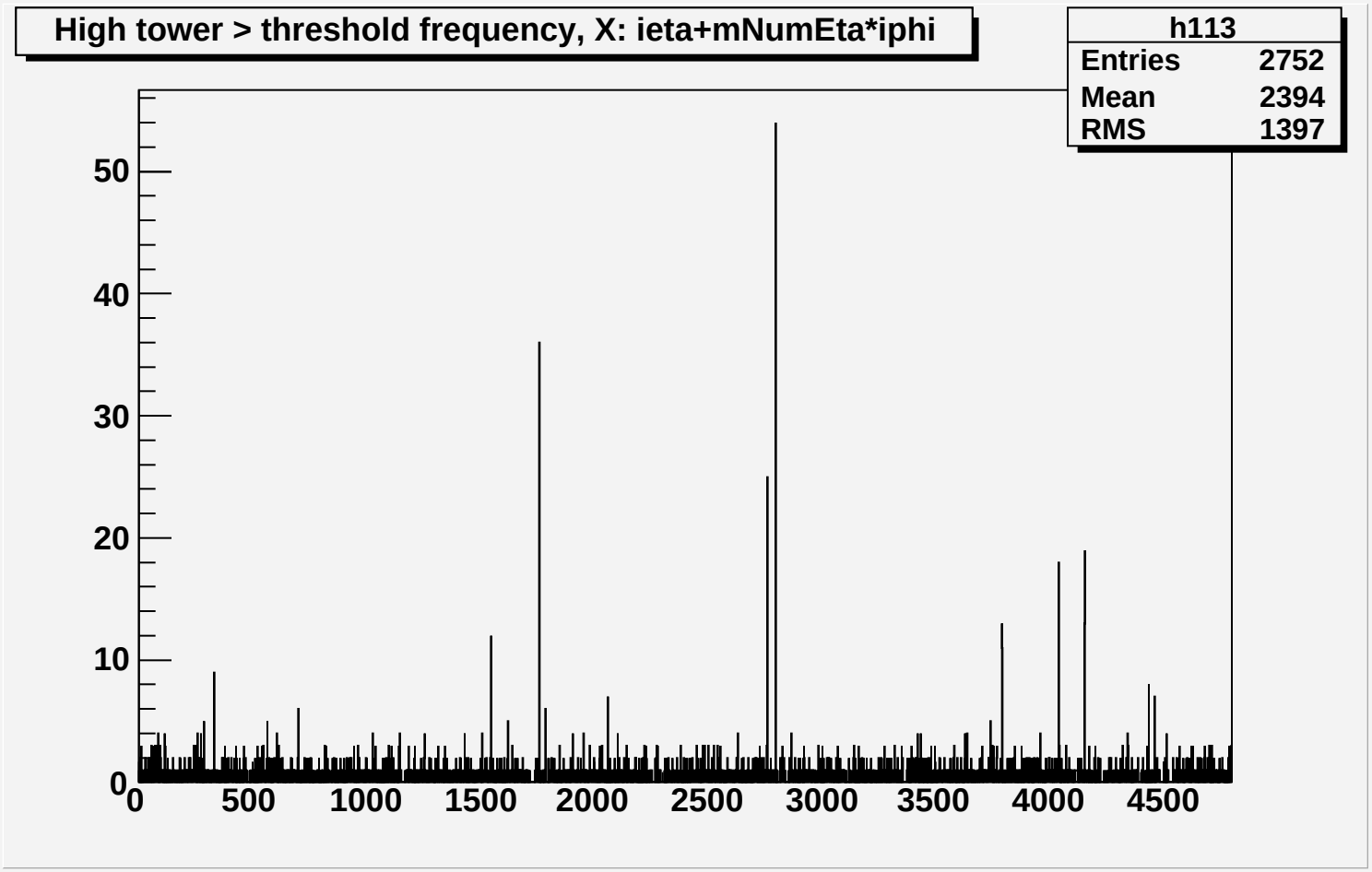
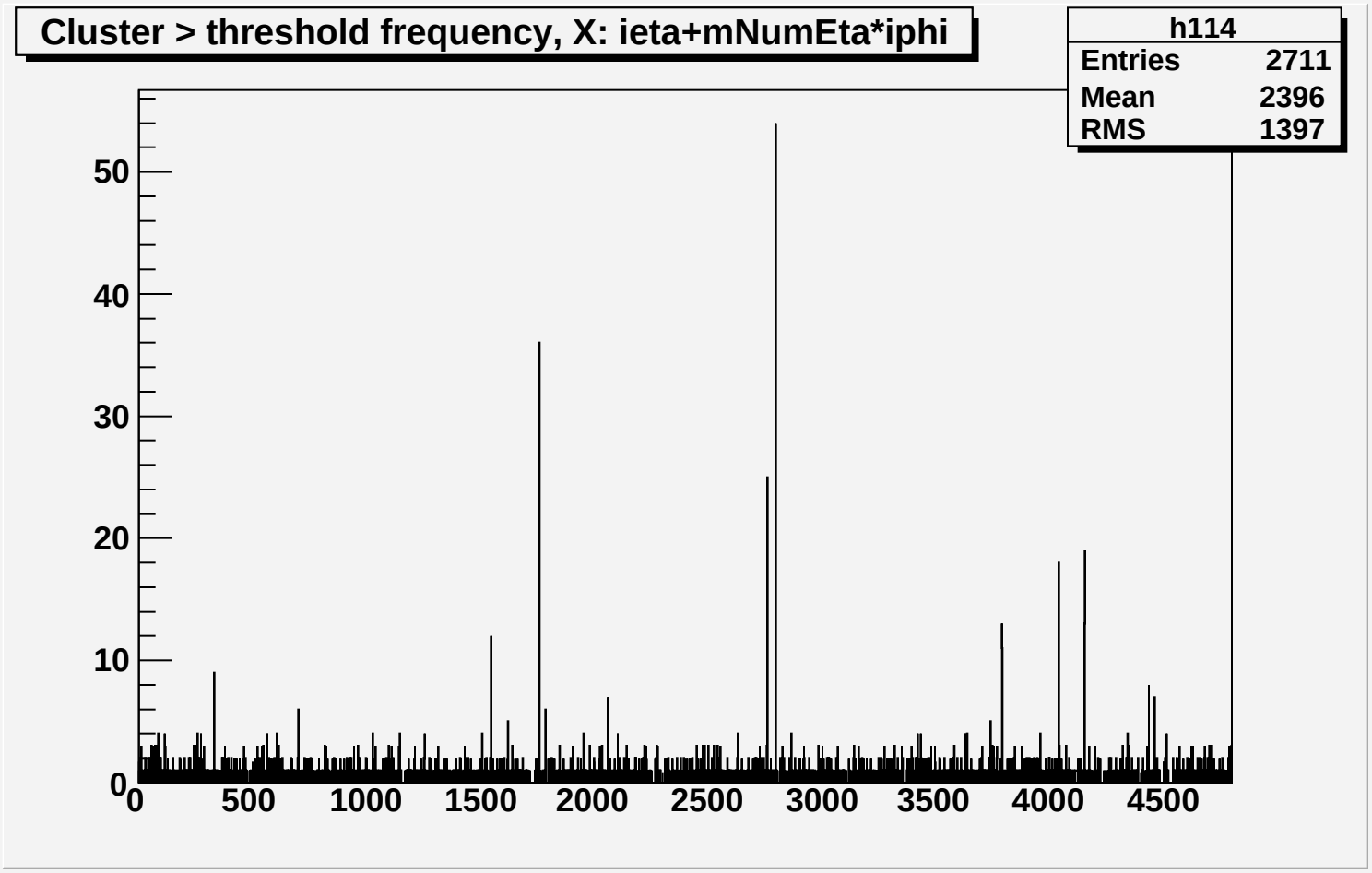

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 13445
Mean 1.775
RMS 1.099
0 500 1000 1500 2000 2500 3000 3500 4000
0 1 2 3 4 5 6 7 8 9 10

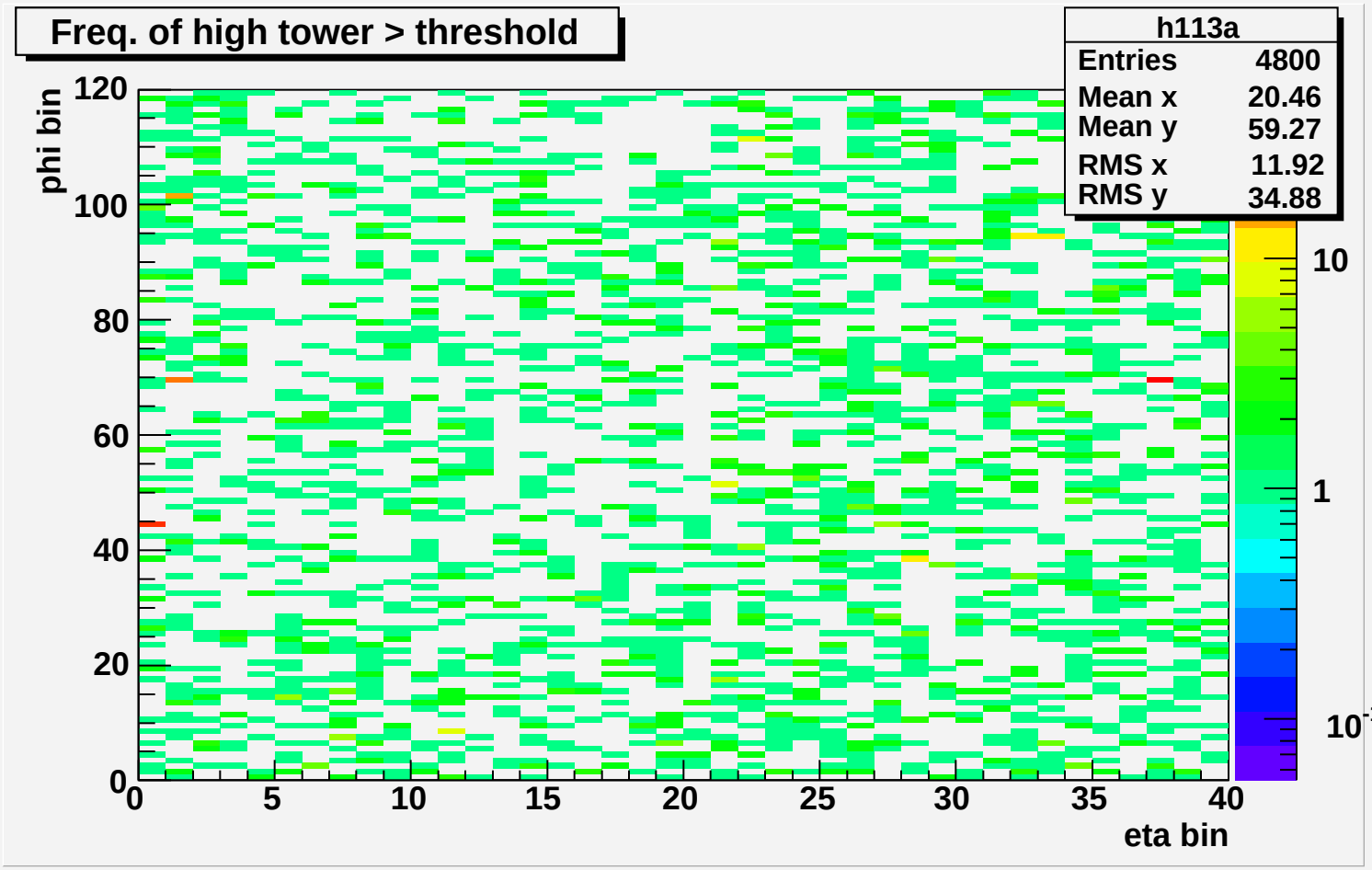

N high towers > threshold
h101
Entries 4150
Mean 1.513
RMS 0.2485
0 500 1000 1500 2000 2500 3000 3500 4000
0 1 2 3 4 5 6 7 8 9 10

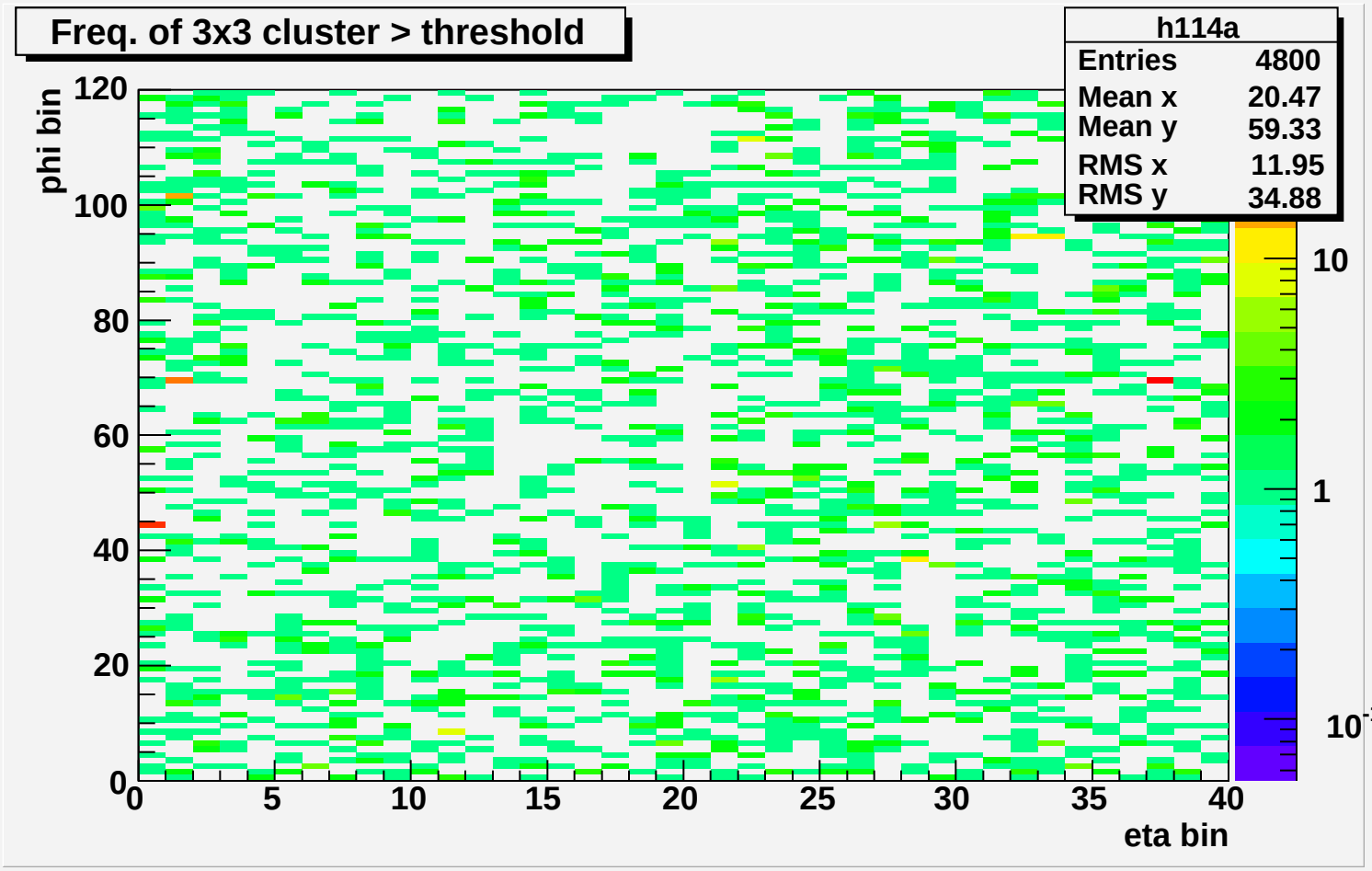

N clusters > threshold (w/ ht > threshold)
h102
Entries 4150
Mean 1.153
RMS 0.5296
0 500 1000 1500 2000 2500
0 1 2 3 4 5 6 7 8 9 10

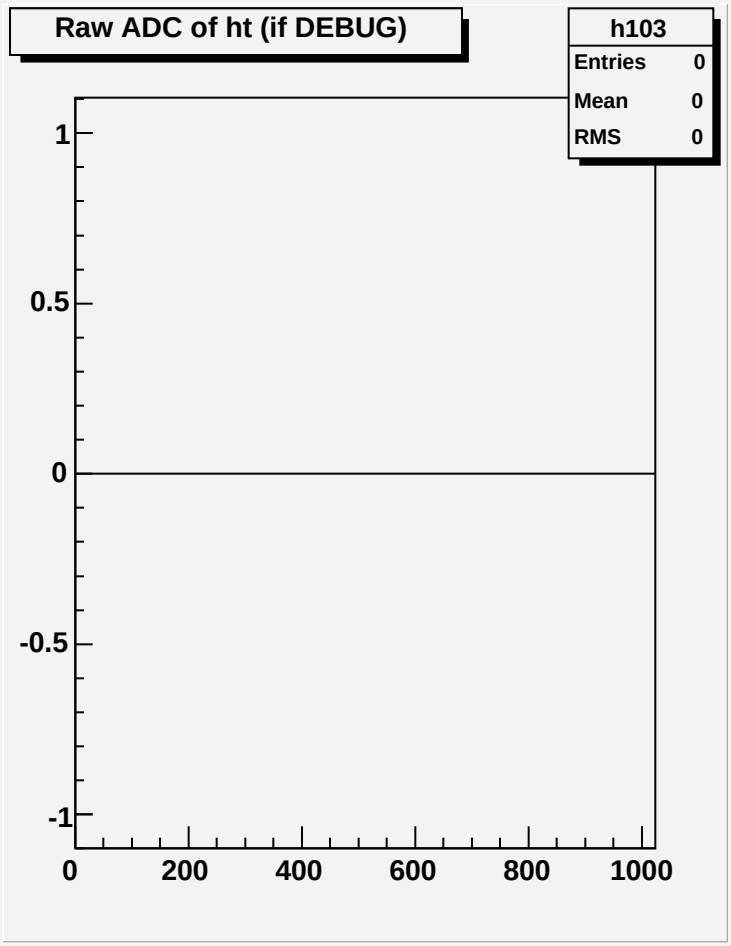

kTicks / input event
h115
Entries 4150
Mean 76.05
RMS 3.788
0 100 200 300 400 500
0 20 40 60 80 100 120
Input Events
tower > thresh
clust > thresh

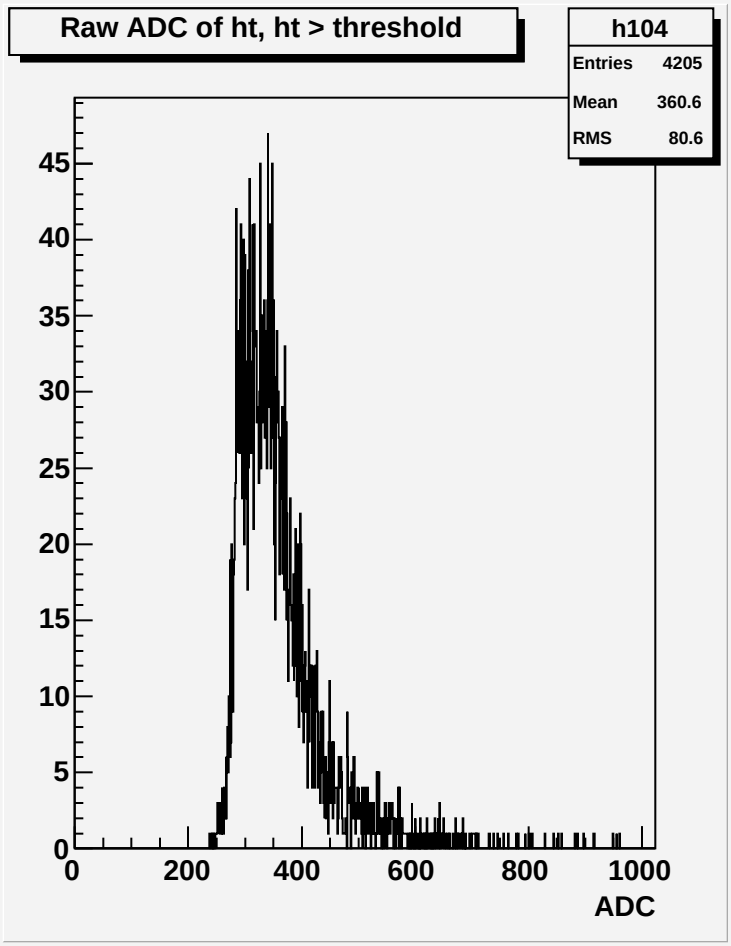

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 2752
Mean 2394
RMS 1397
0
10
20
30
40
50
0
500
1000
1500
2000
2500
3000
3500
4000
4500

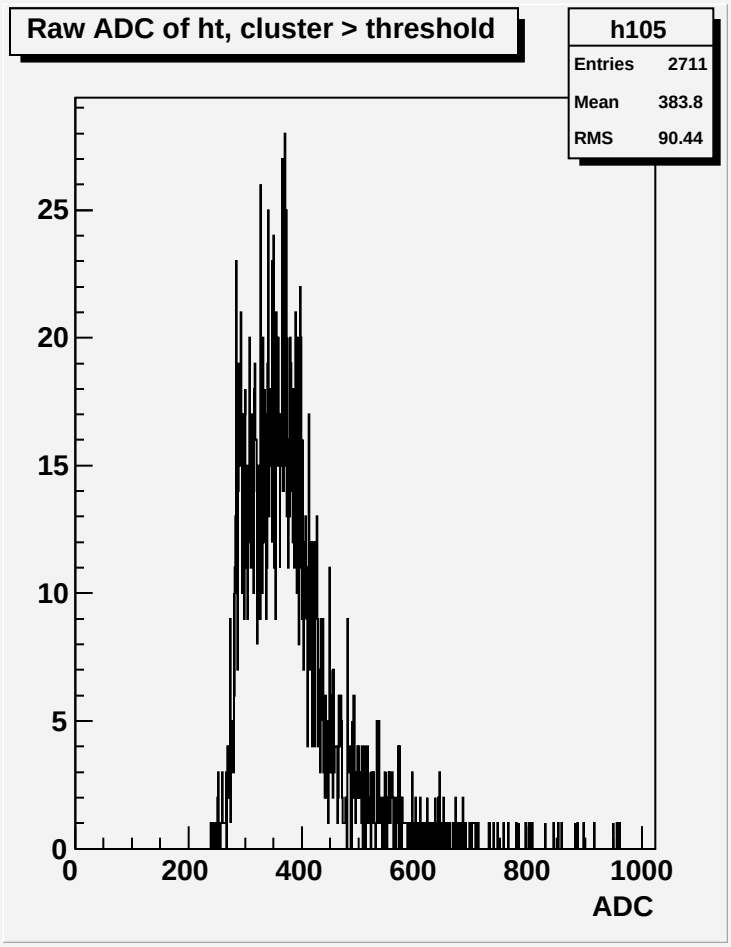

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 2711
Mean 2396
RMS 1397
0
10
20
30
40
50
0
500
1000
1500
2000
2500
3000
3500
4000
4500

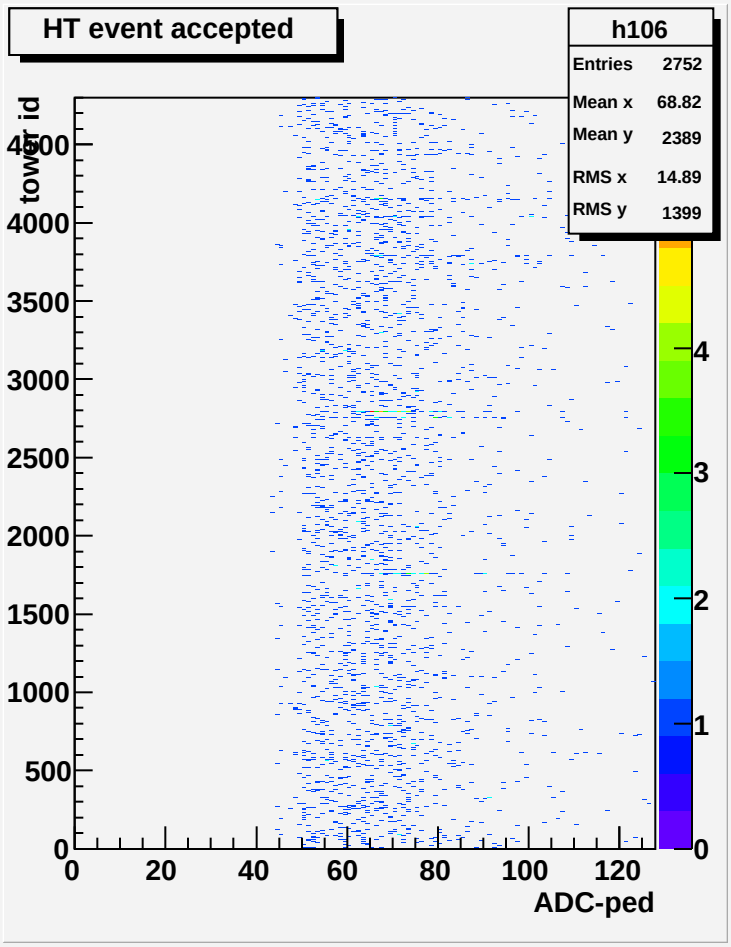

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 20.46
Mean y 59.27
RMS x 11.92
RMS y 34.88
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
10
1
$10^{-1}$

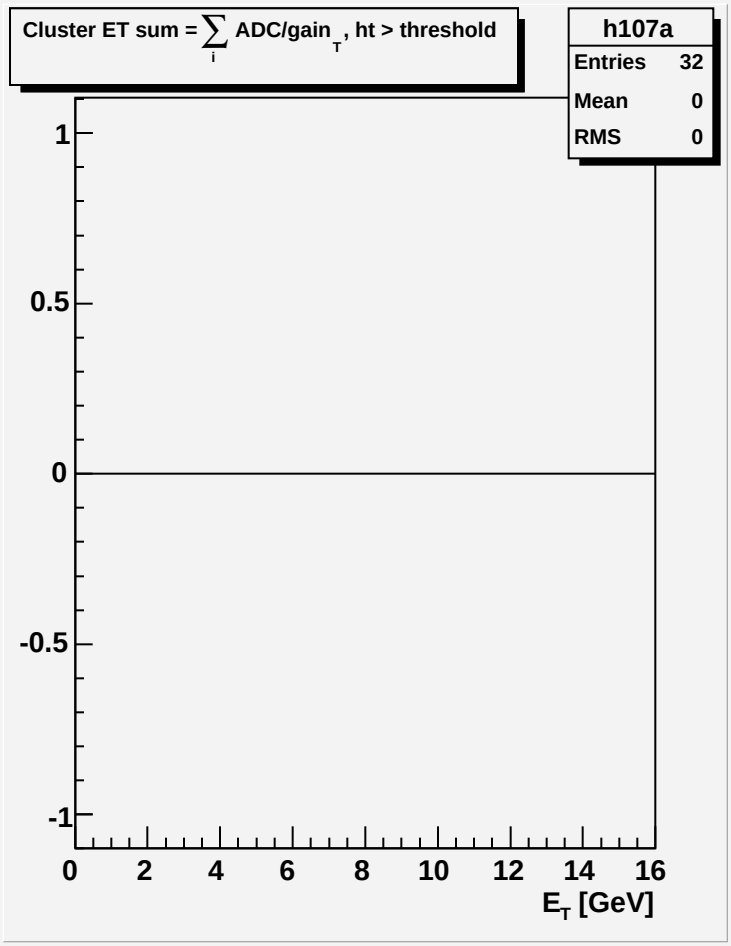

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 20.47
Mean y 59.33
RMS x 11.95
RMS y 34.88
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
10
1
$10^{-1}$

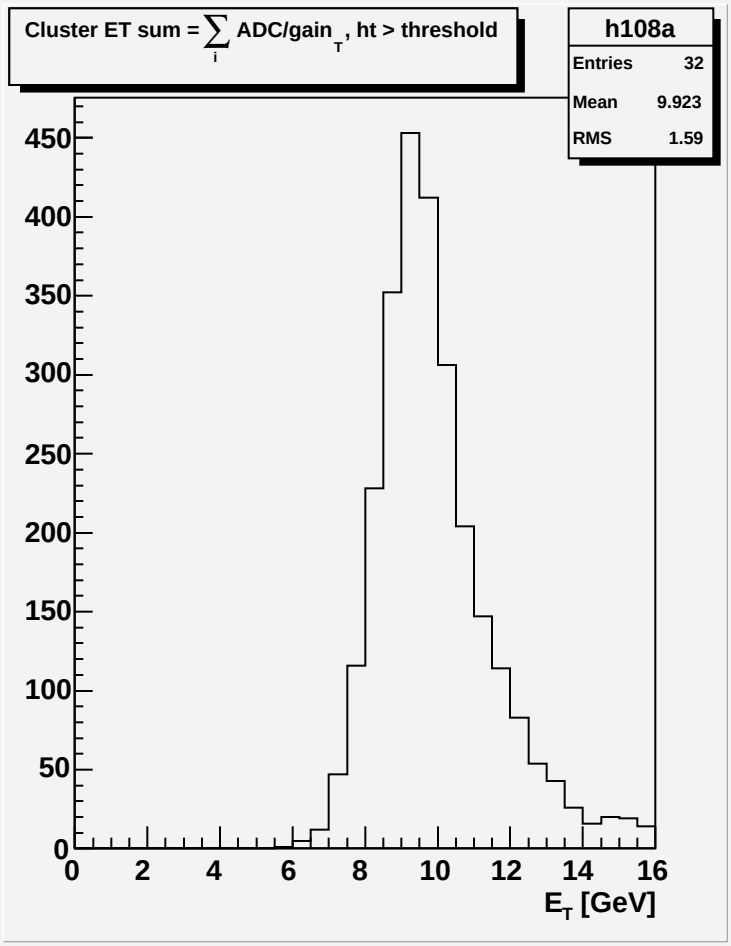

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

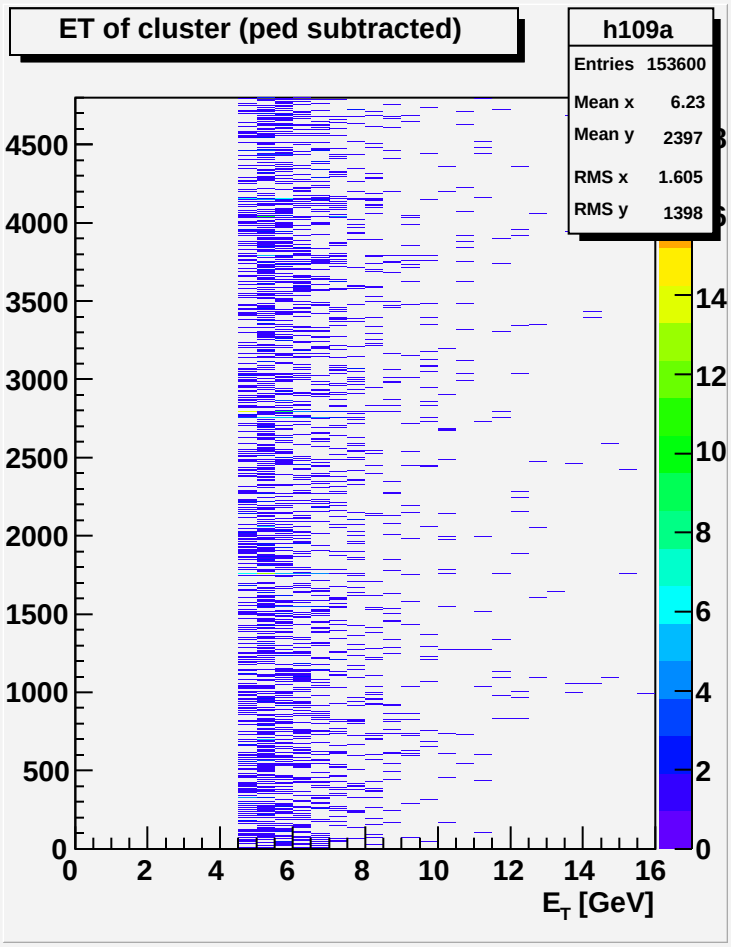

Raw ADC of ht, ht > threshold
h104
Entries 4205
Mean 360.6
RMS 80.6
45
40
35
30
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 2711
Mean 383.8
RMS 90.44
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 2752
Mean x 68.82
Mean y 2389
RMS x 14.89
RMS y 1399
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
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 9.923
RMS 1.59
450
400
350
300
250
200
150
100
50
0
0 2 4 6 8 10 12 14 16
$E_T$ [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 6.23
Mean y 2397
RMS x 1.605
RMS y 1398
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0 2 4 6 8 10 12 14 16
$E_T$ [GeV]
14
12
10
8
6
4
2
0