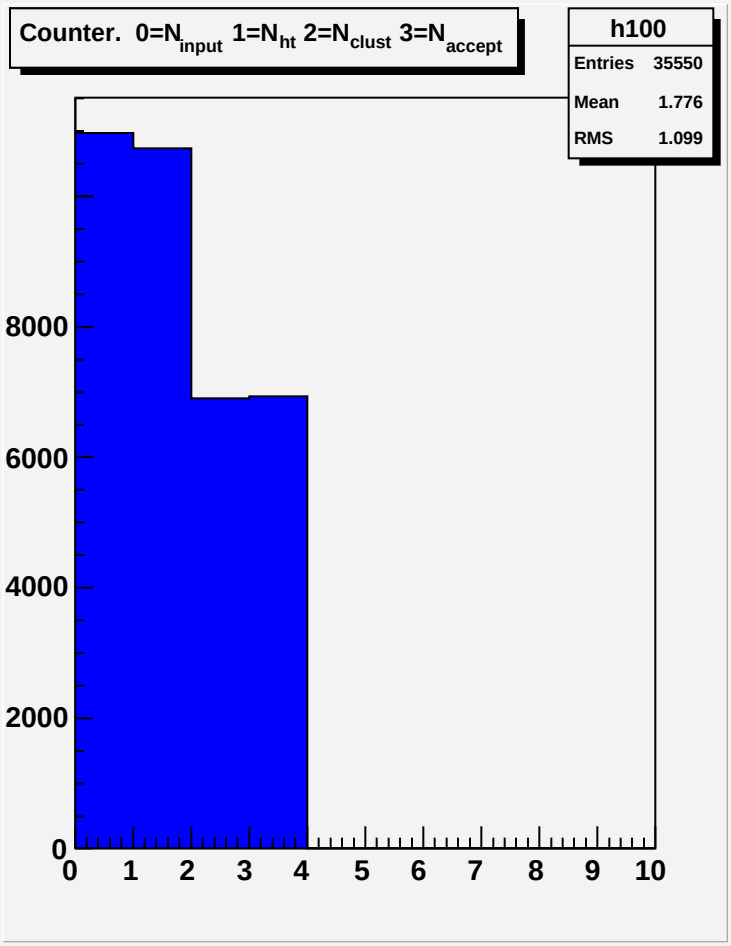
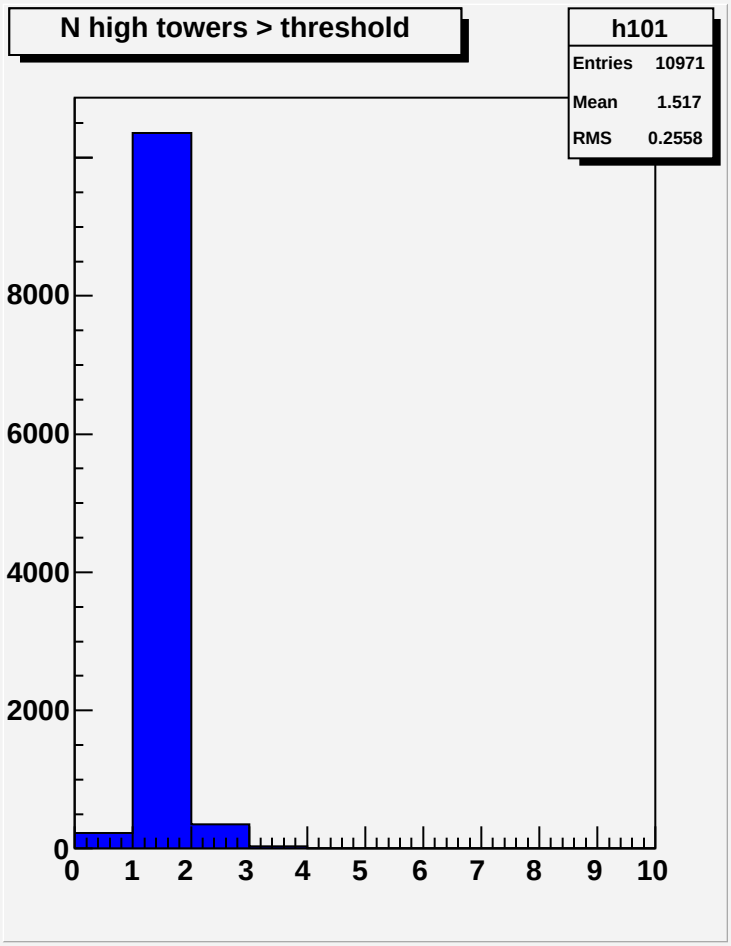
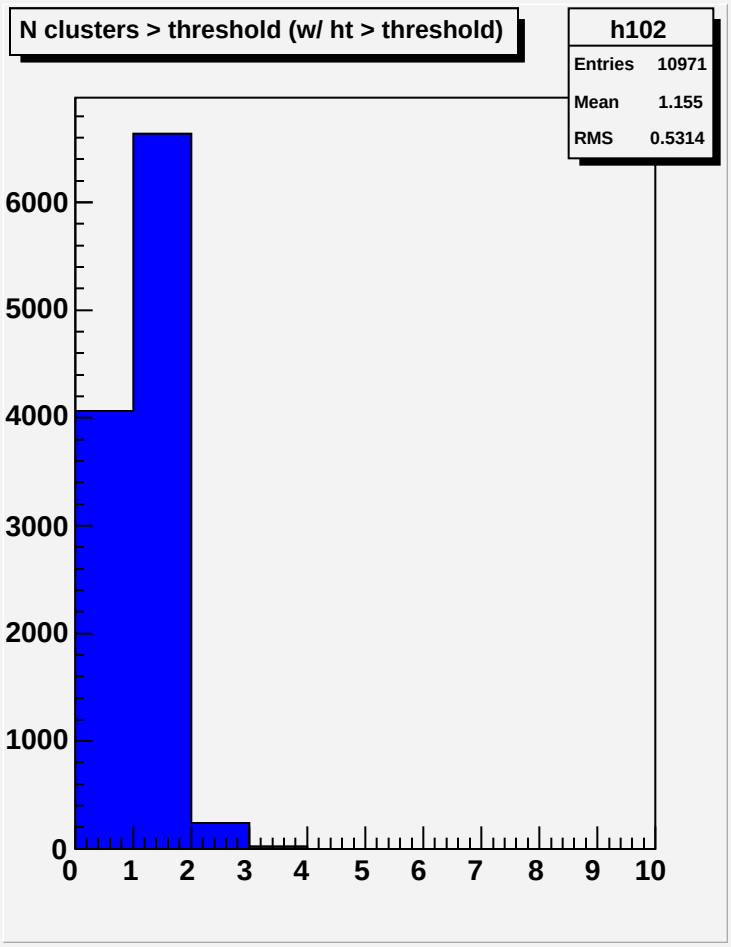
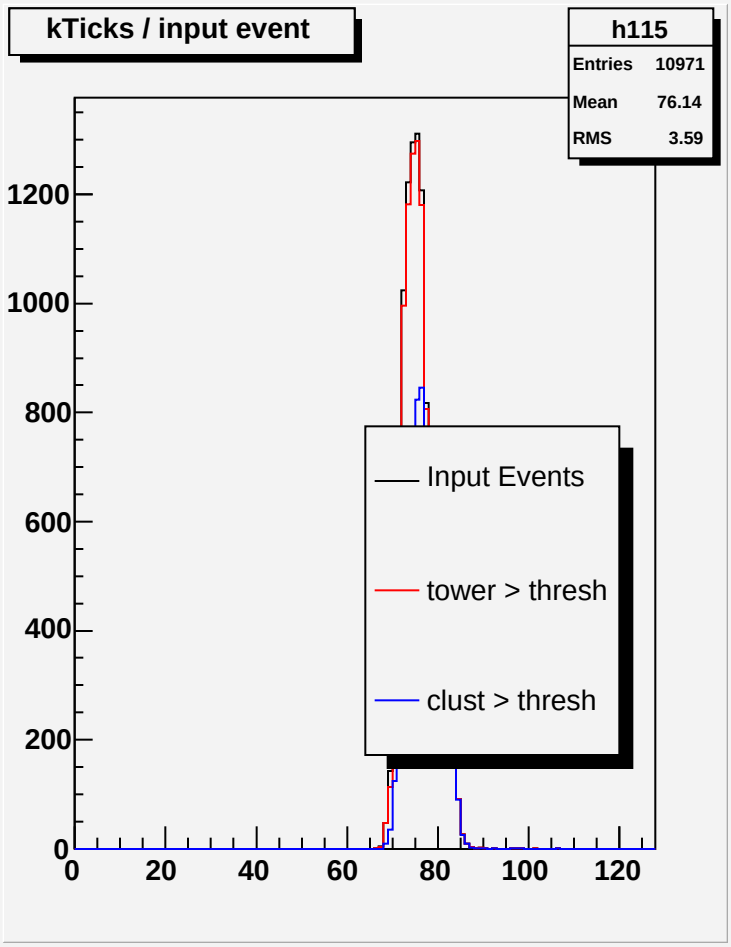
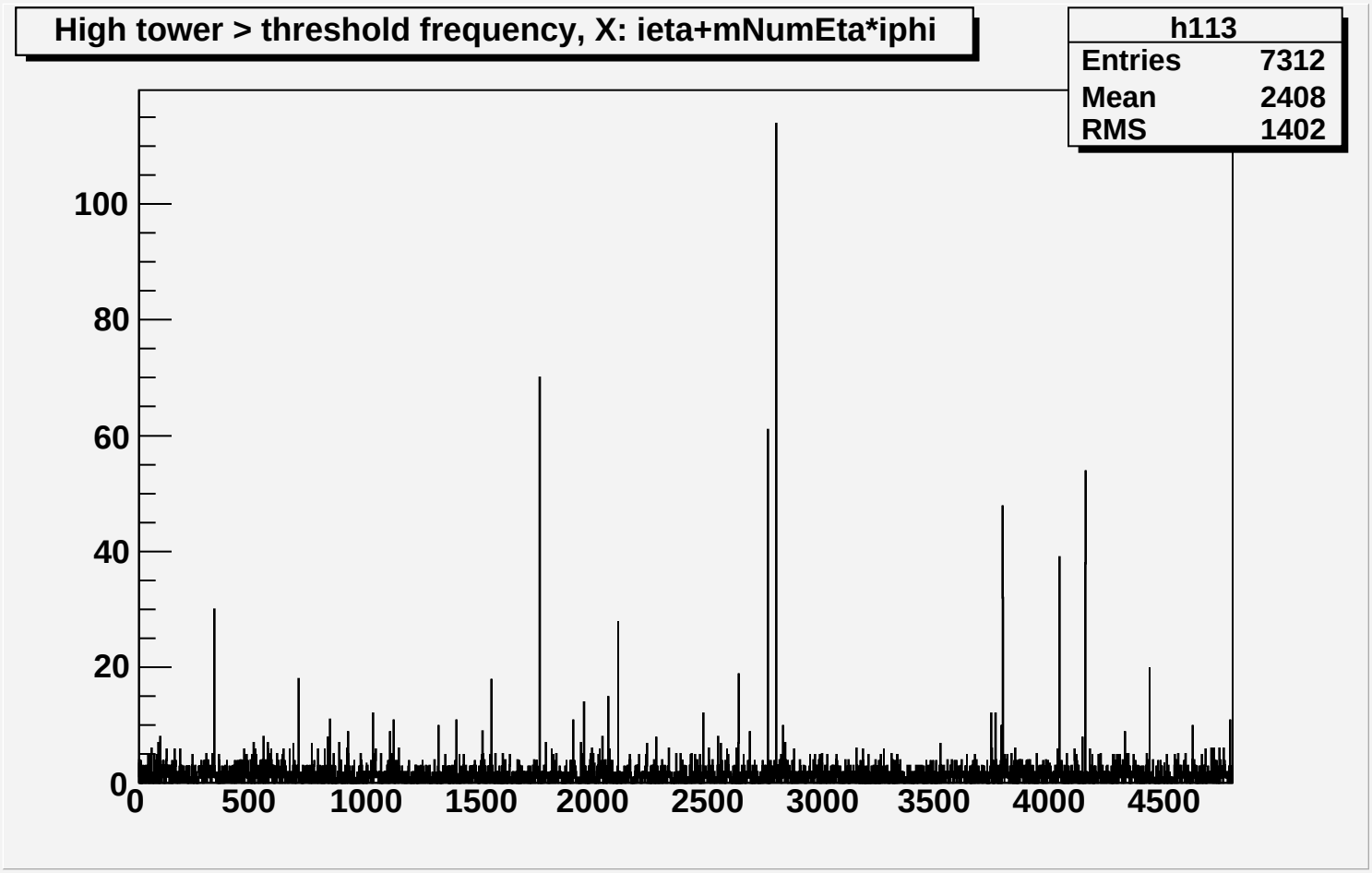
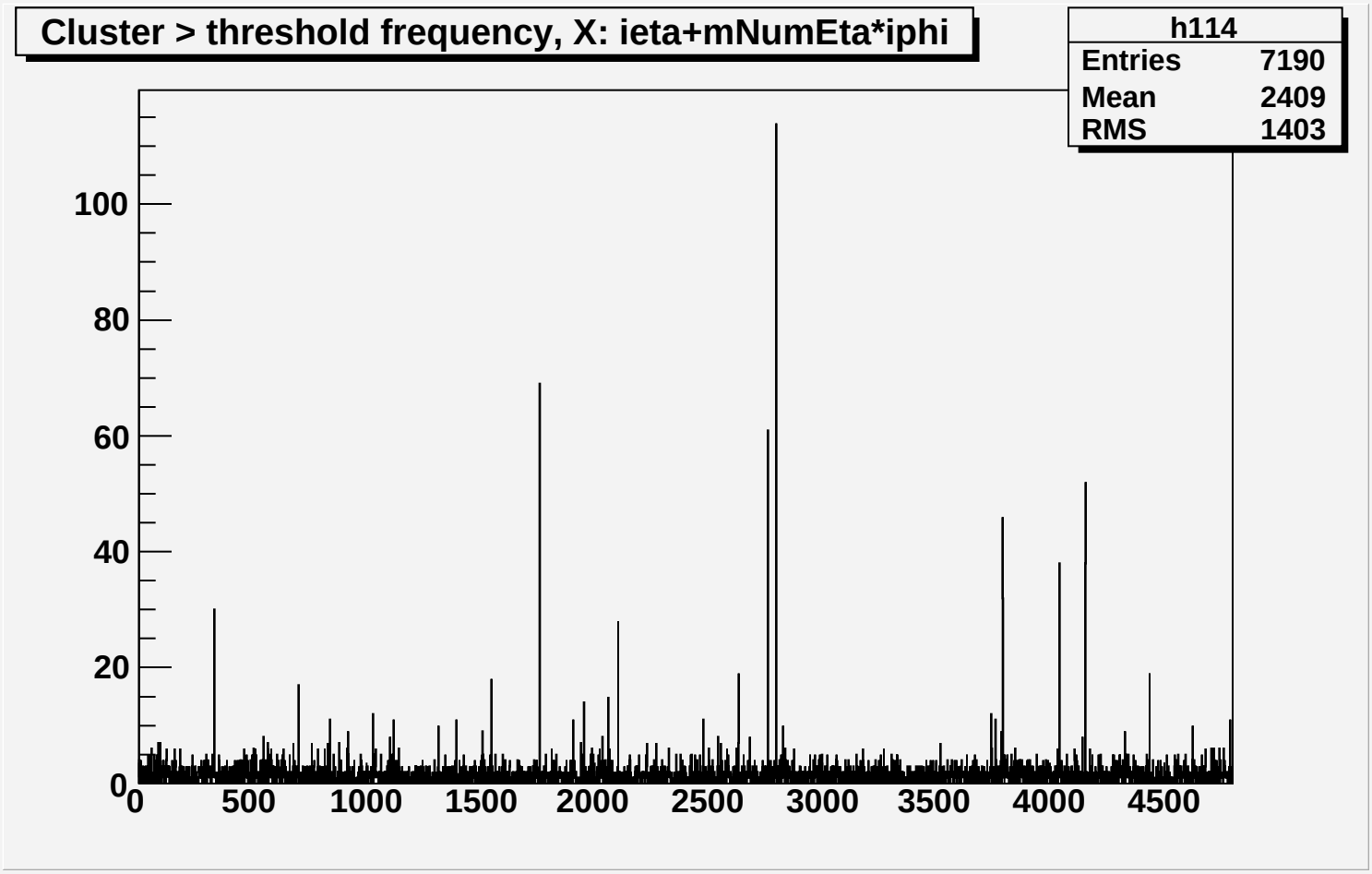

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 35550
Mean 1.776
RMS 1.099
0
2000
4000
6000
8000
0 1 2 3 4 5 6 7 8 9 10

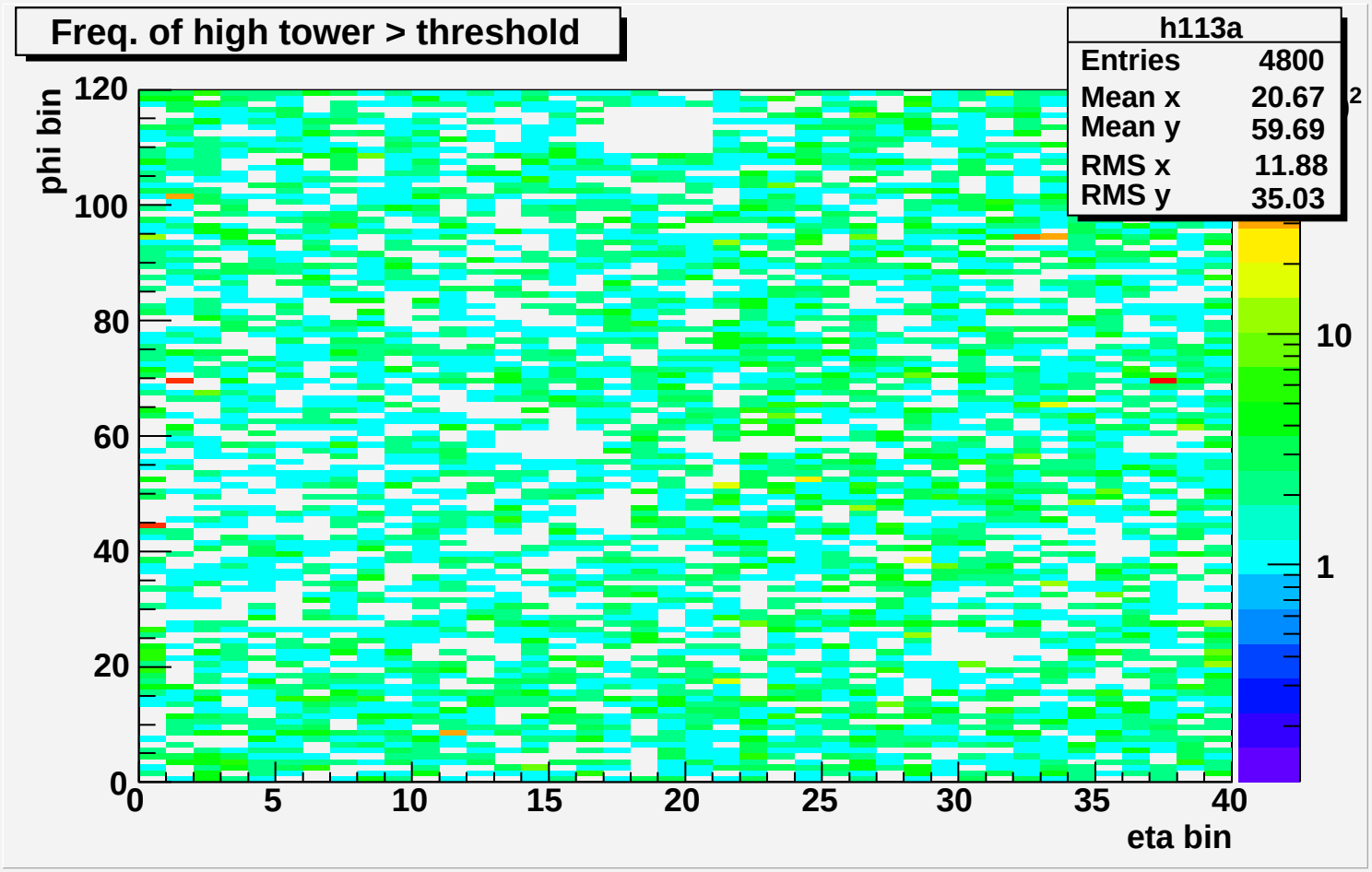

N high towers > threshold
h101
Entries 10971
Mean 1.517
RMS 0.2558
0
2000
4000
6000
8000
0 1 2 3 4 5 6 7 8 9 10

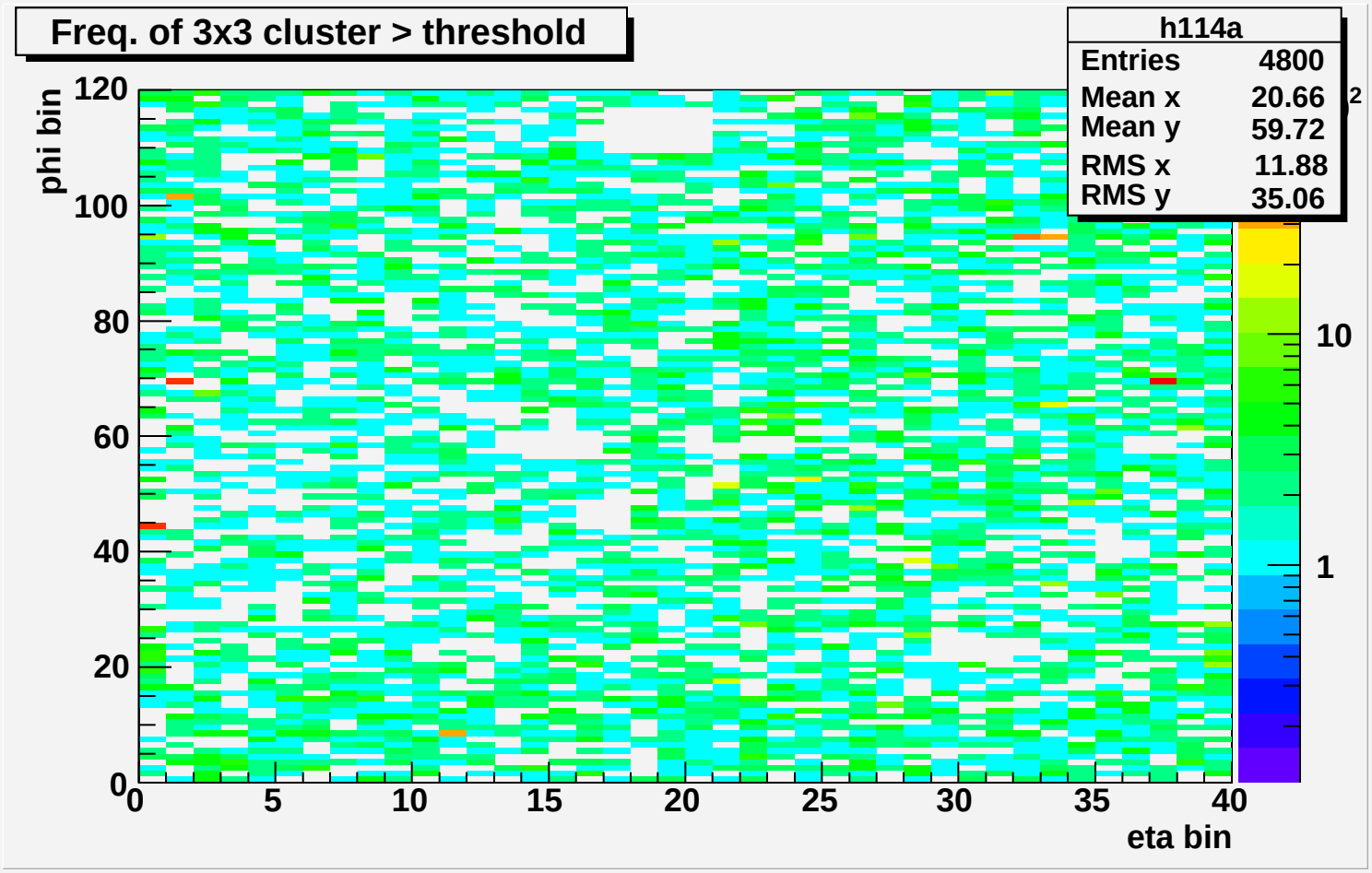

N clusters > threshold (w/ ht > threshold)
h102
Entries 10971
Mean 1.155
RMS 0.5314
0
1000
2000
3000
4000
5000
6000
0 1 2 3 4 5 6 7 8 9 10

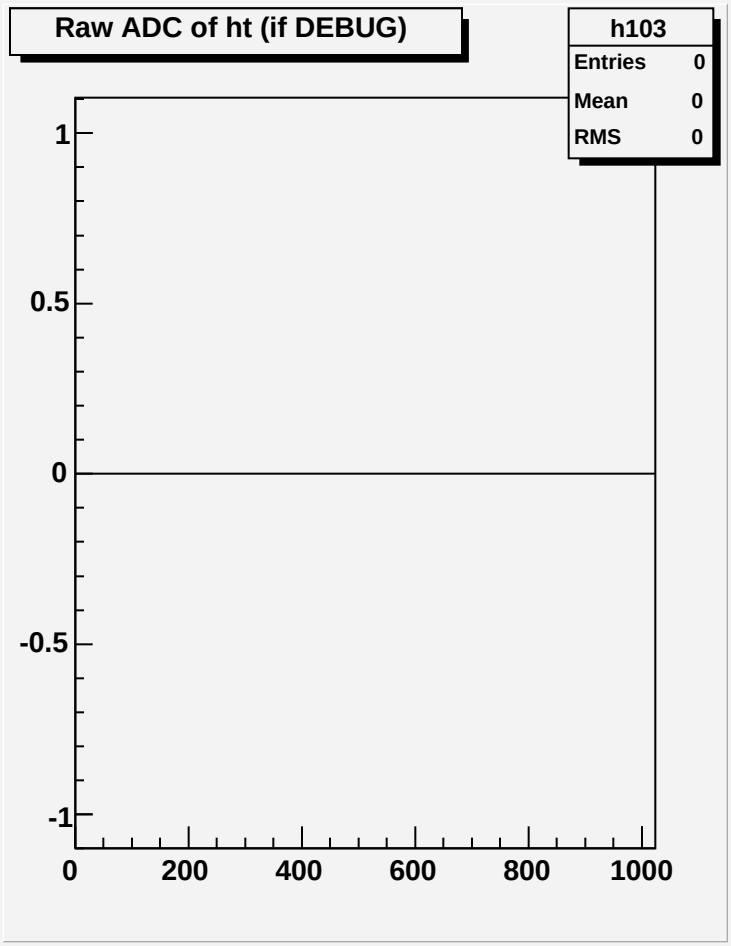

kTicks / input event
h115
Entries 10971
Mean 76.14
RMS 3.59
0
200
400
600
800
1000
1200
0 20 40 60 80 100 120
Input Events
tower > thresh
clust > thresh

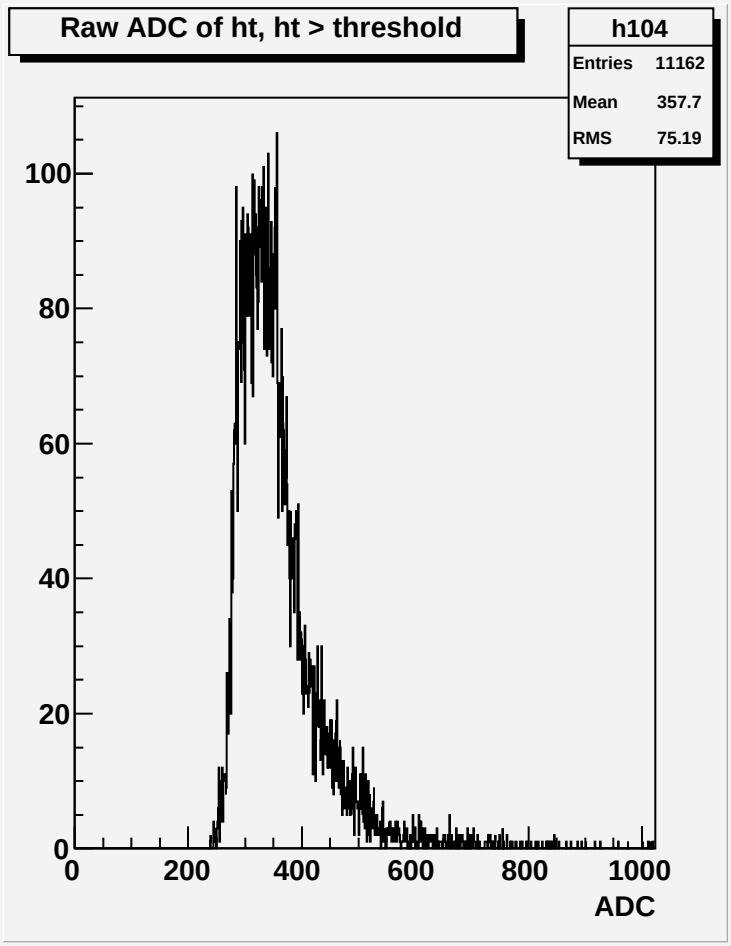

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 7312
Mean 2408
RMS 1402
0
20
40
60
80
100
0
500
1000
1500
2000
2500
3000
3500
4000
4500

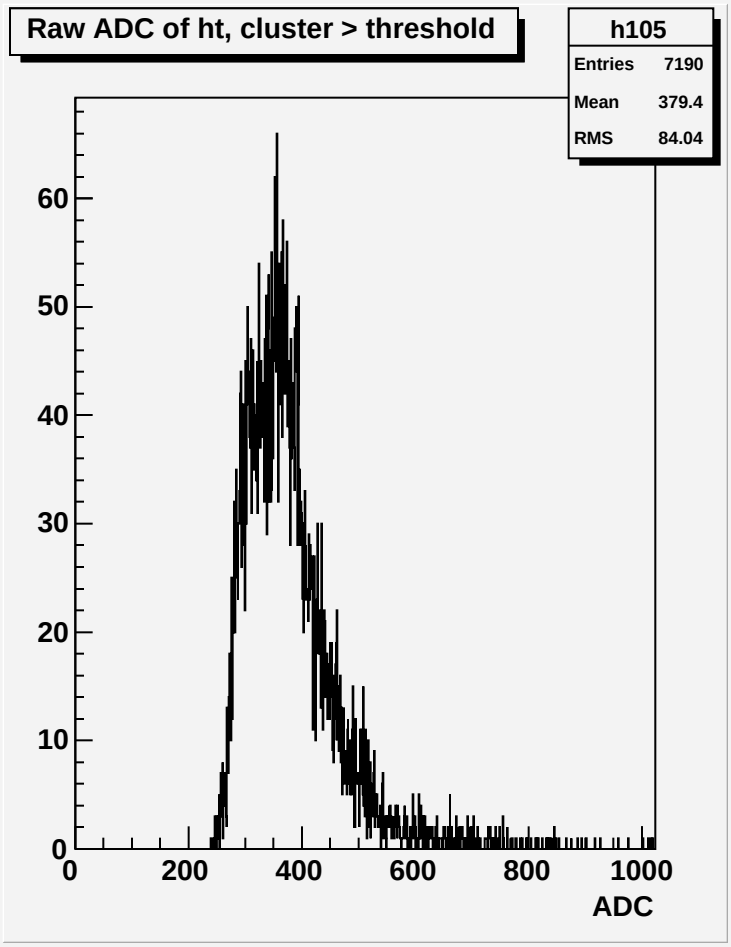

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 7190
Mean 2409
RMS 1403
0
20
40
60
80
100
0
500
1000
1500
2000
2500
3000
3500
4000
4500

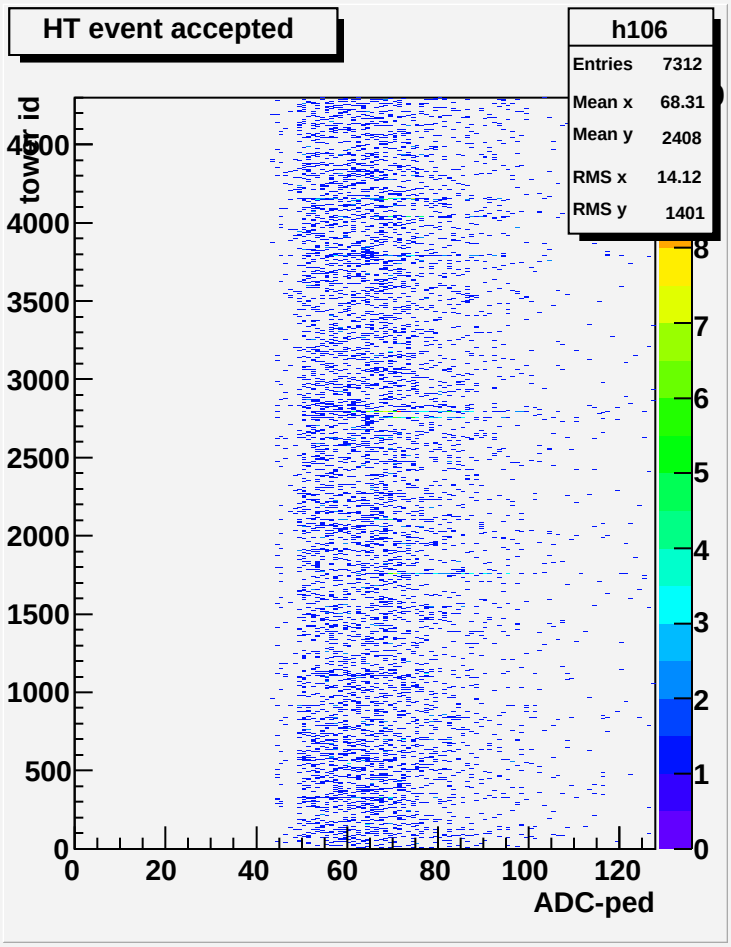

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 20.67
Mean y 59.69
RMS x 11.88
RMS y 35.03
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10
2

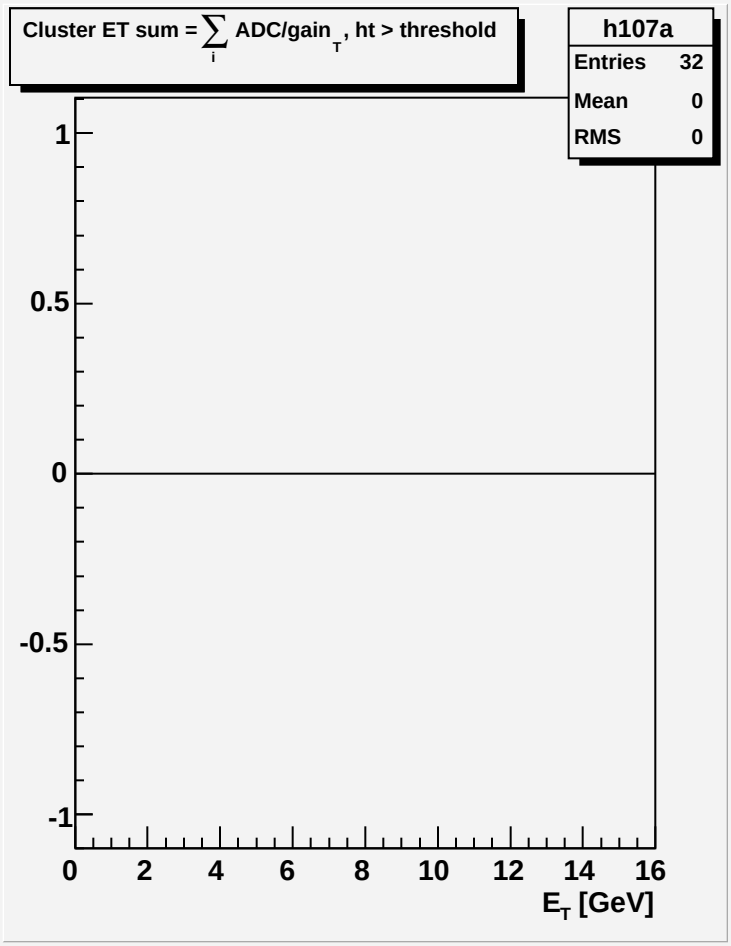

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 20.66
Mean y 59.72
RMS x 11.88
RMS y 35.06
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10
2

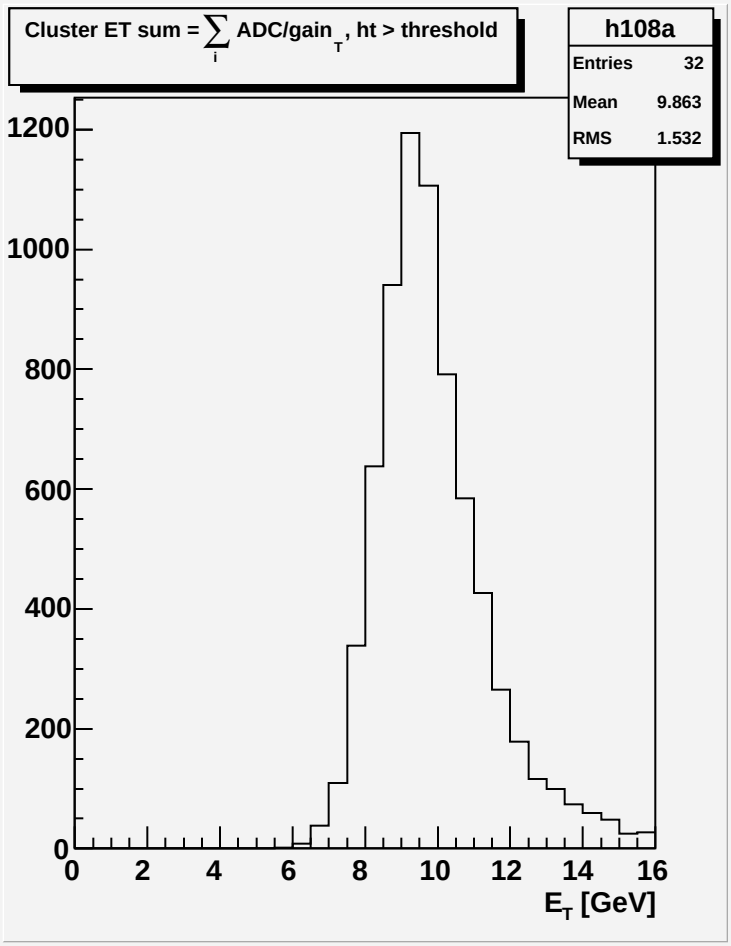

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

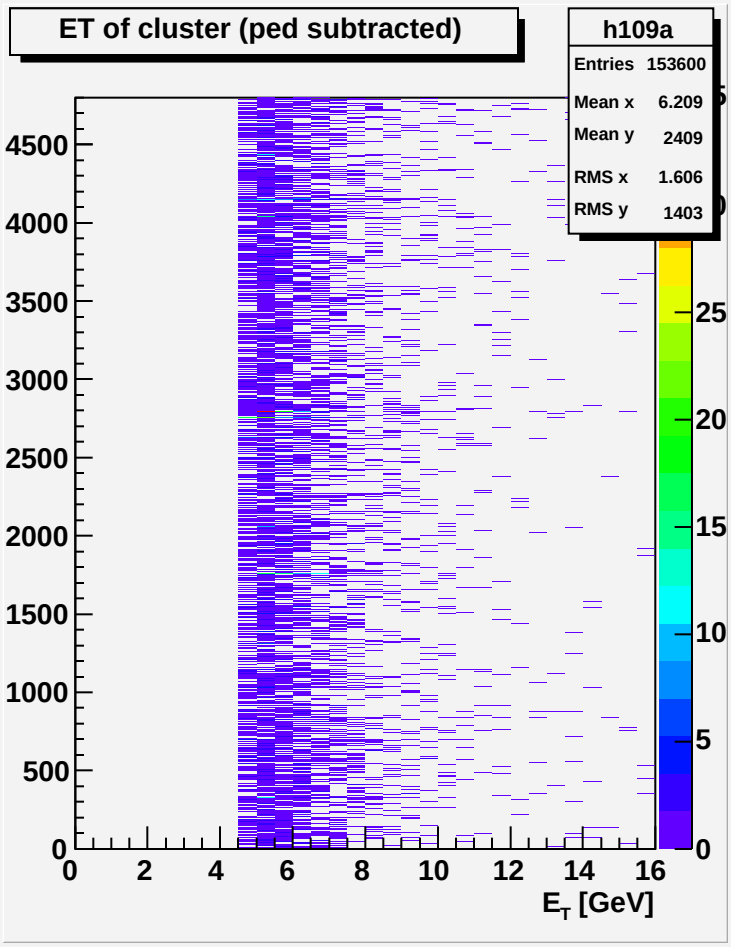

Raw ADC of ht, ht > threshold
h104
Entries 11162
Mean 357.7
RMS 75.19
100
80
60
40
20
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 7190
Mean 379.4
RMS 84.04
60
50
40
30
20
10
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 7312
Mean x 68.31
Mean y 2408
RMS x 14.12
RMS y 1401
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
ADC-ped
8
7
6
5
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 9.863
RMS 1.532
1200
1000
800
600
400
200
0
0 2 4 6 8 10 12 14 16
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 6.209
Mean y 2409
RMS x 1.606
RMS y 1403
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0 2 4 6 8 10 12 14 16
E_T [GeV]
25
20
15
10
5
0