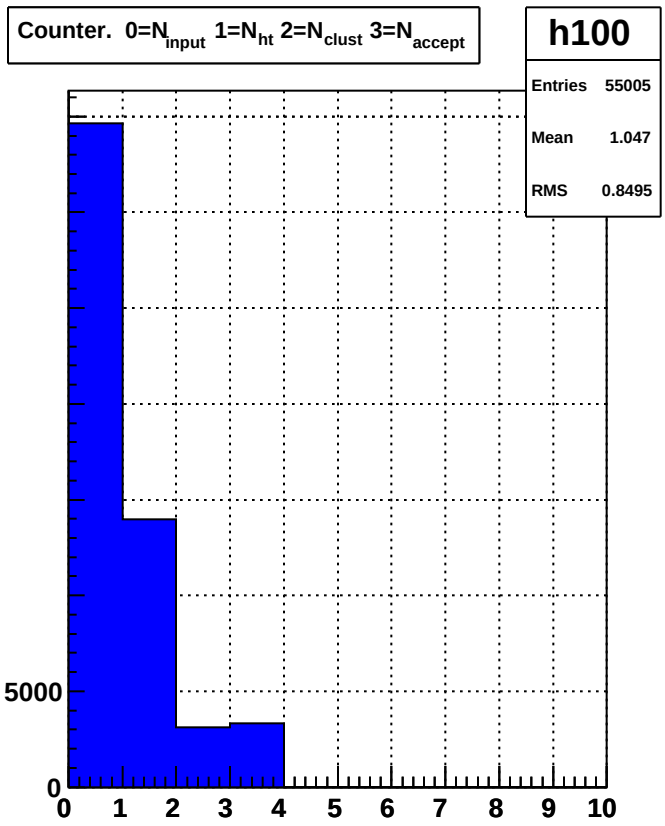
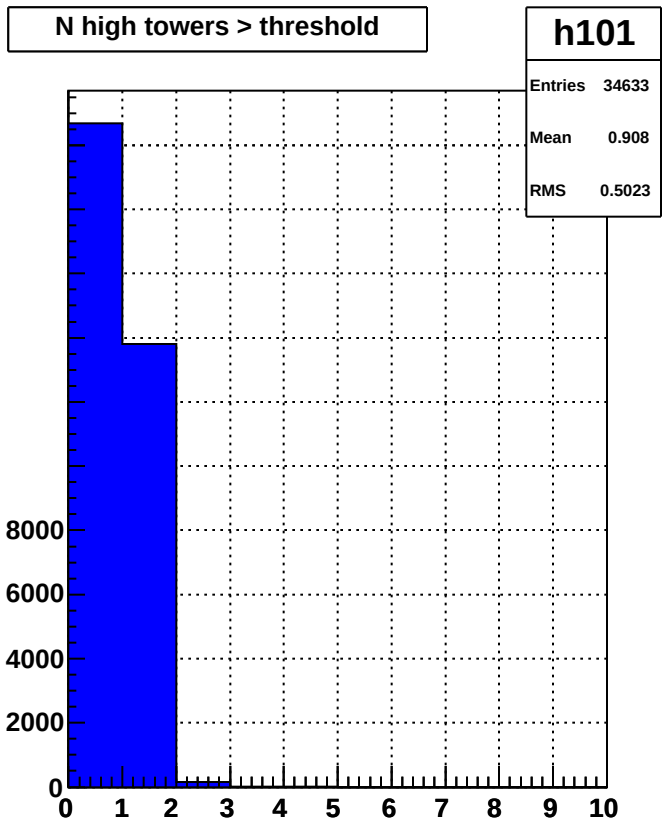
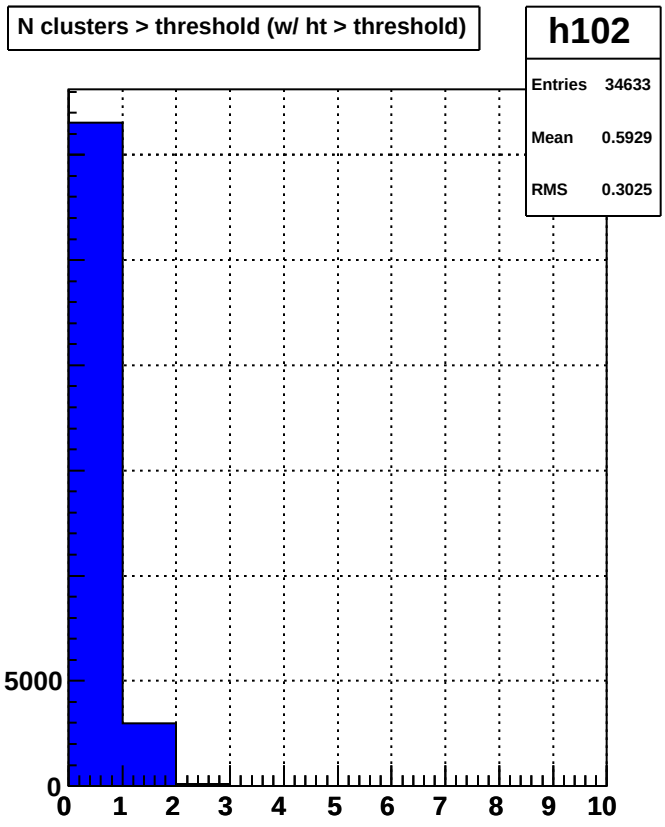
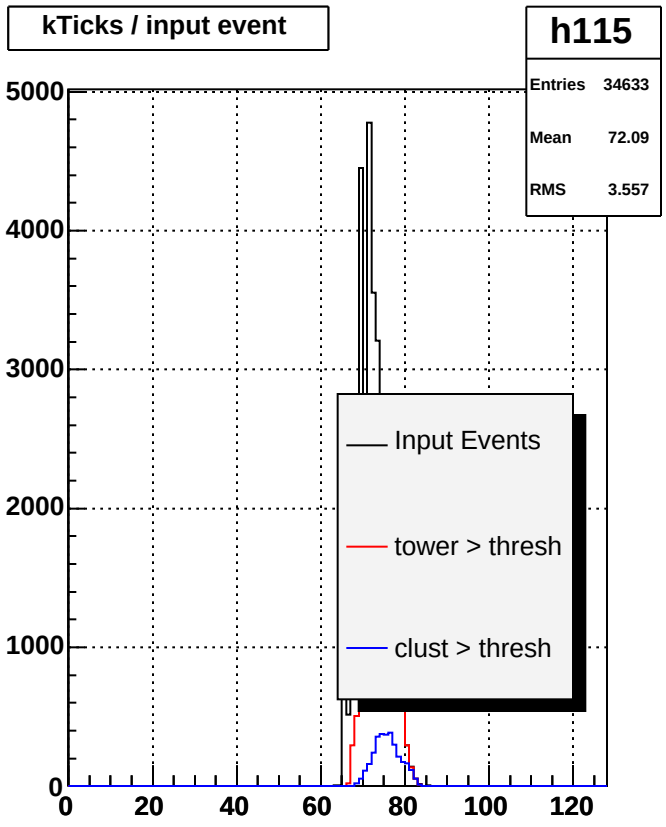
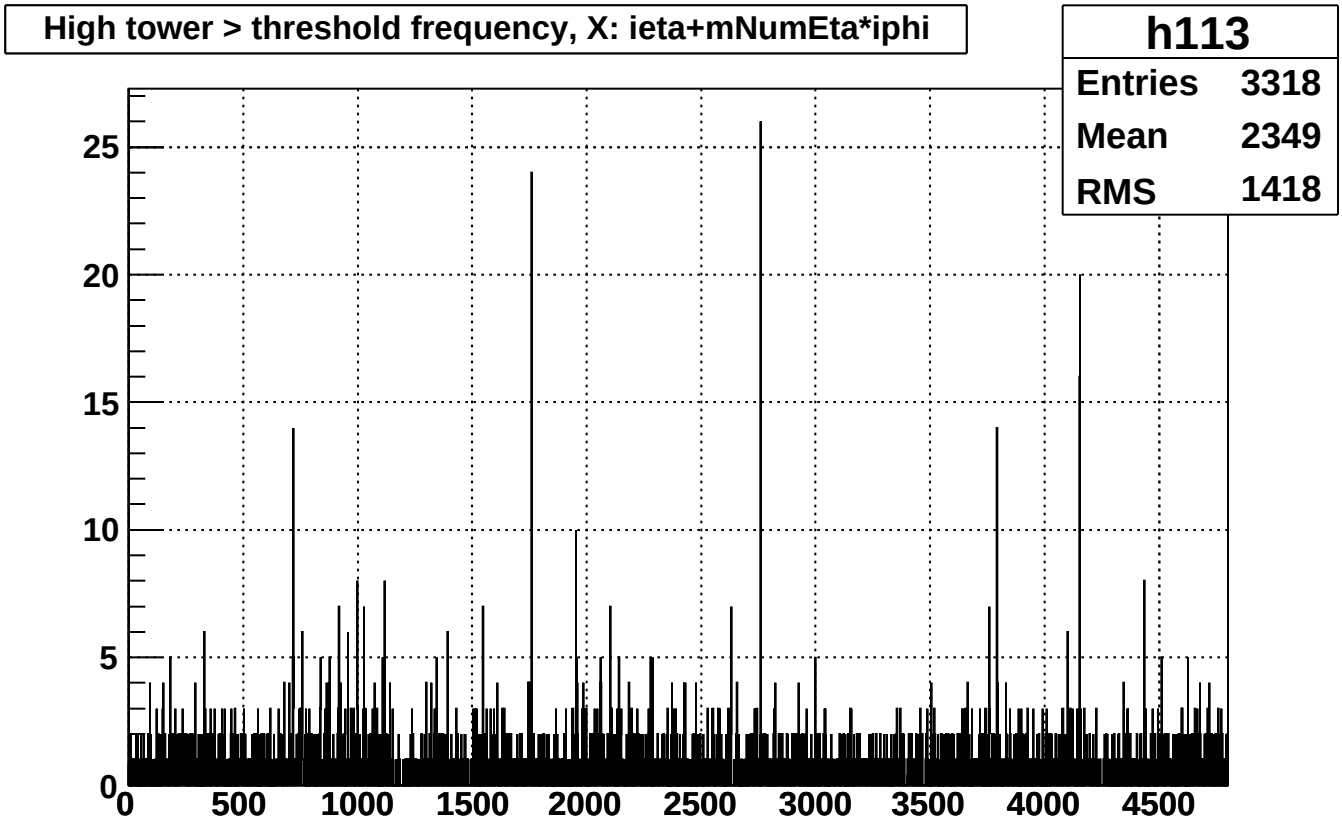
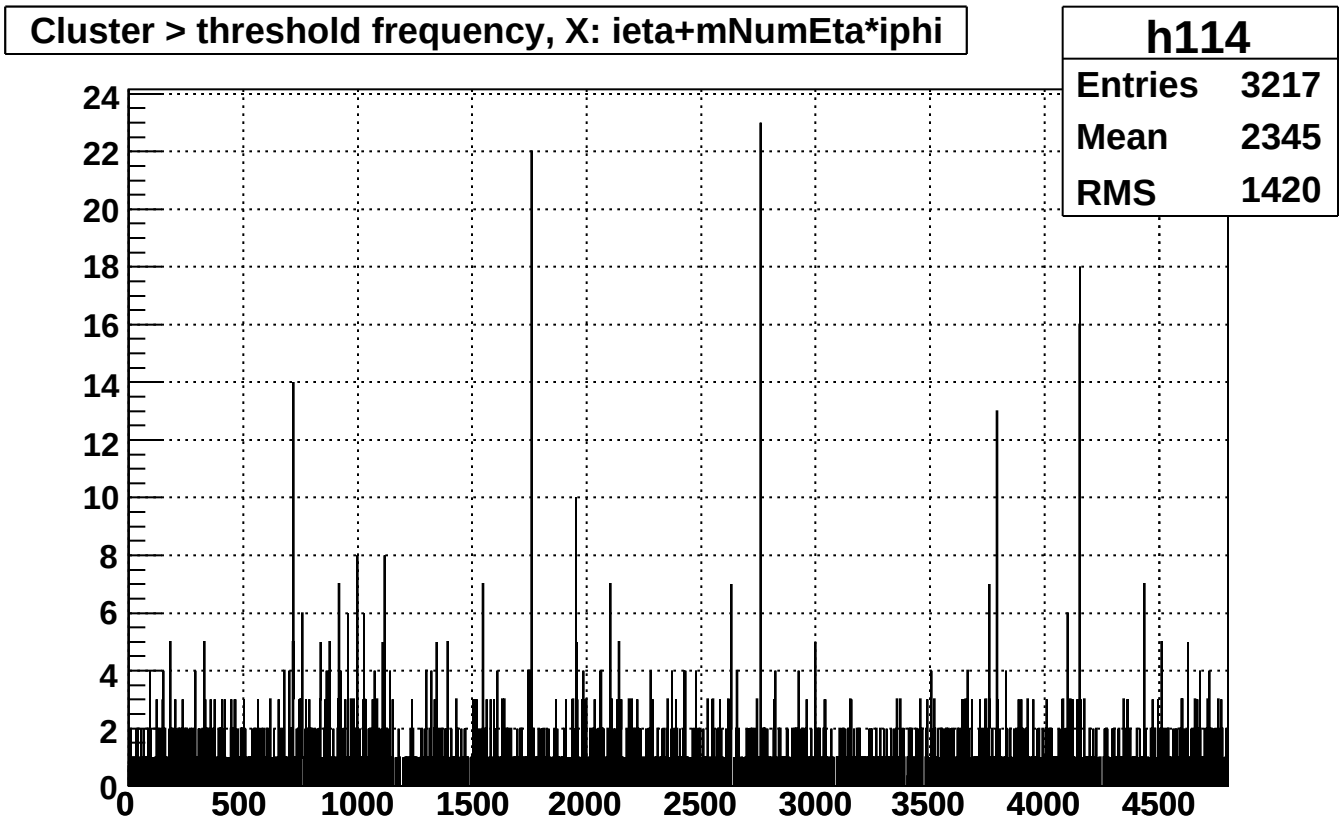

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 55005
Mean 1.047
RMS 0.8495
5000
0
0 1 2 3 4 5 6 7 8 9 10

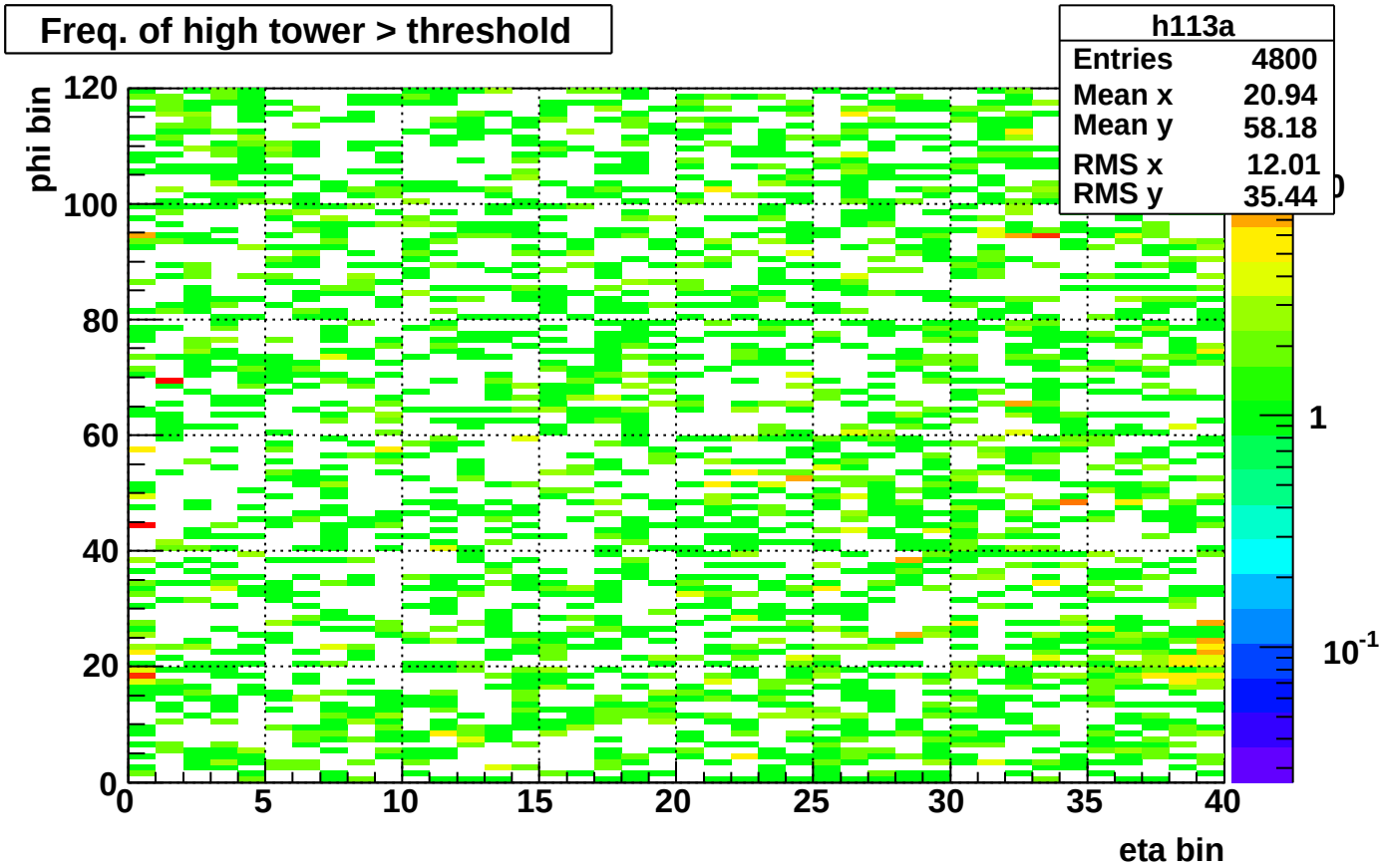

N high towers > threshold
h101
Entries 34633
Mean 0.908
RMS 0.5023
8000
6000
4000
2000
0
0 1 2 3 4 5 6 7 8 9 10

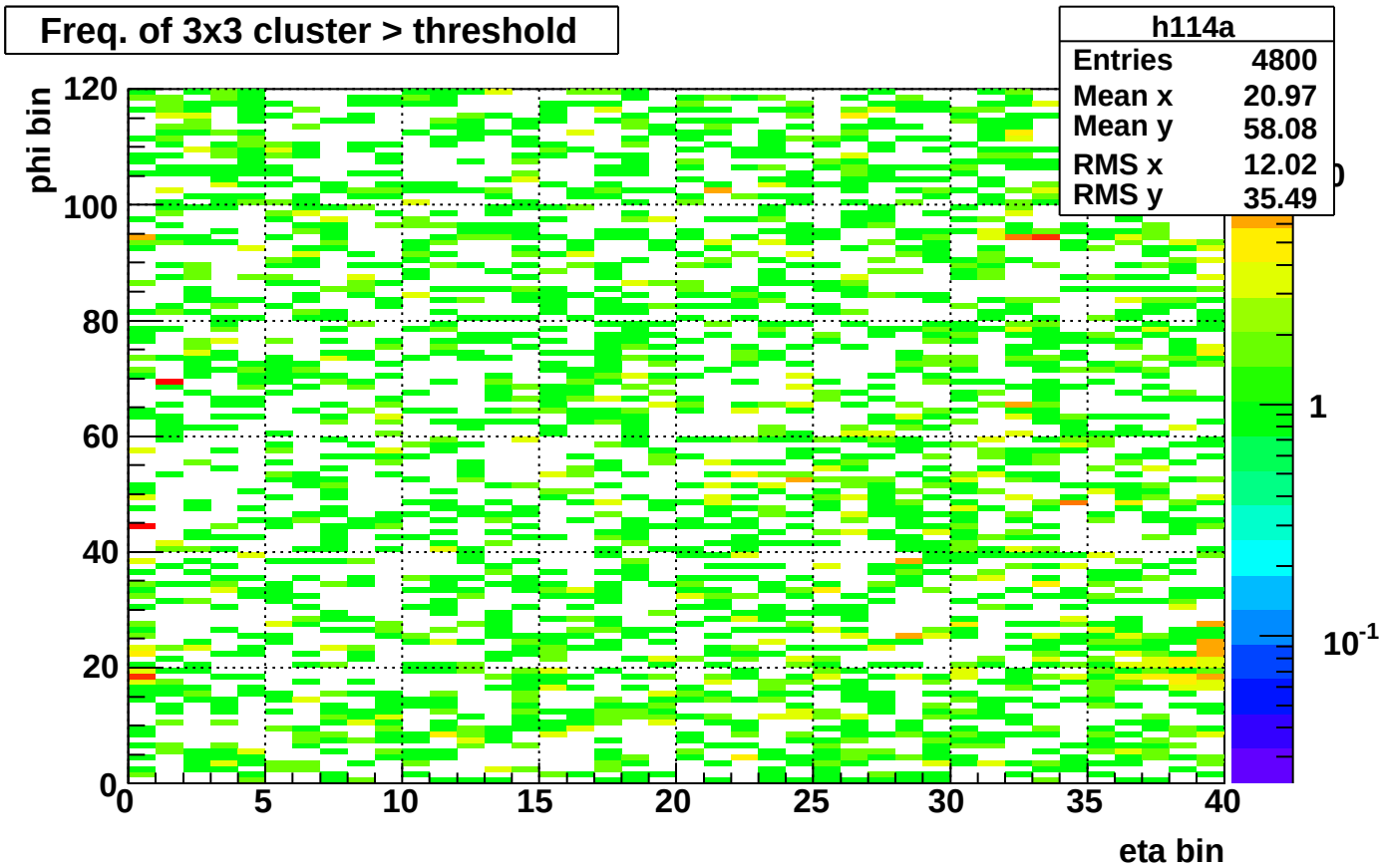

N clusters > threshold (w/ ht > threshold)
h102
Entries 34633
Mean 0.5929
RMS 0.3025
5000
0
0 1 2 3 4 5 6 7 8 9 10

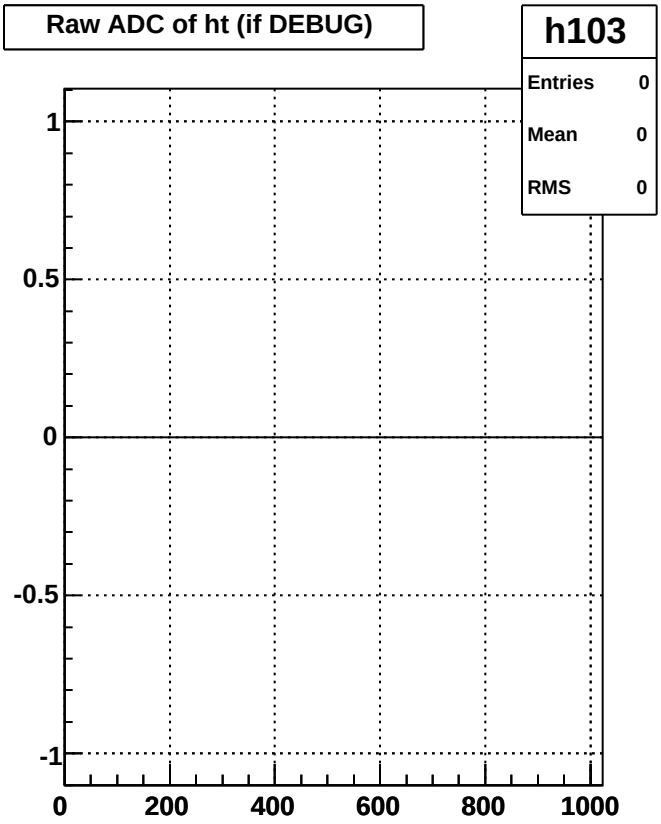

kTicks / input event
h115
Entries 34633
Mean 72.09
RMS 3.557
5000
4000
3000
2000
1000
0
0 20 40 60 80 100 120
Input Events
tower > thresh
clust > thresh

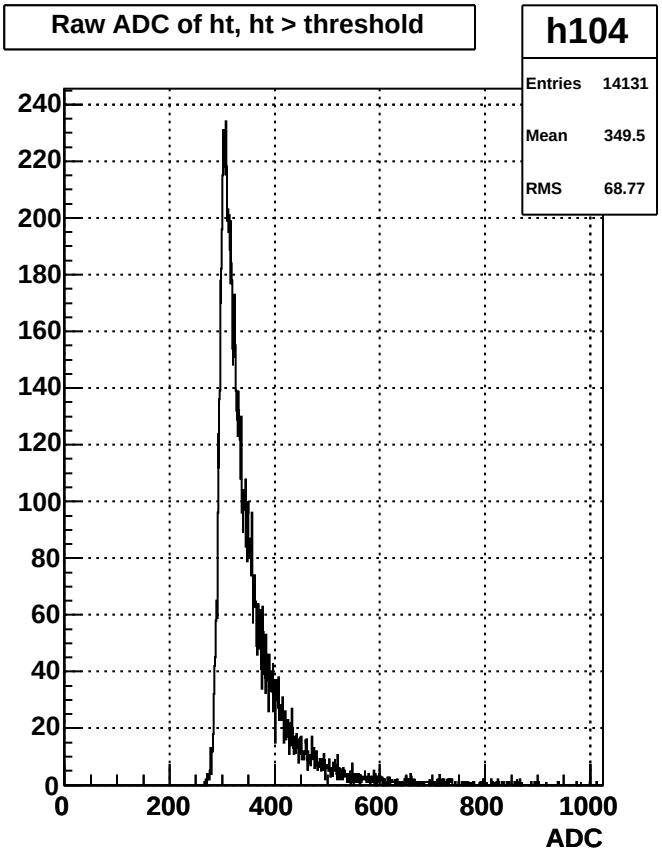

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 3318
Mean 2349
RMS 1418
0
5
10
15
20
25
0
500
1000
1500
2000
2500
3000
3500
4000
4500

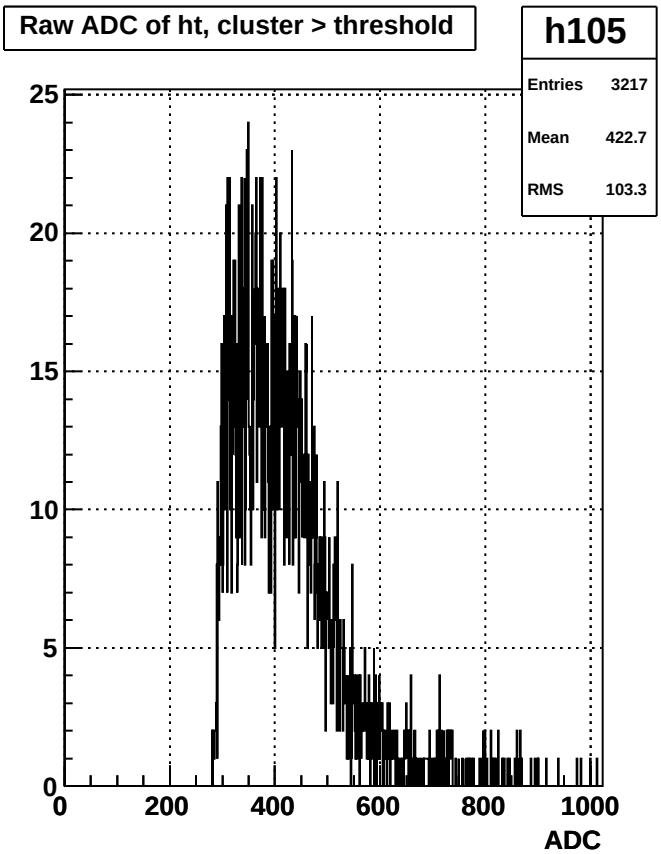

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 3217
Mean 2345
RMS 1420
0
2
4
6
8
10
12
14
16
18
20
22
24
0
500
1000
1500
2000
2500
3000
3500
4000
4500

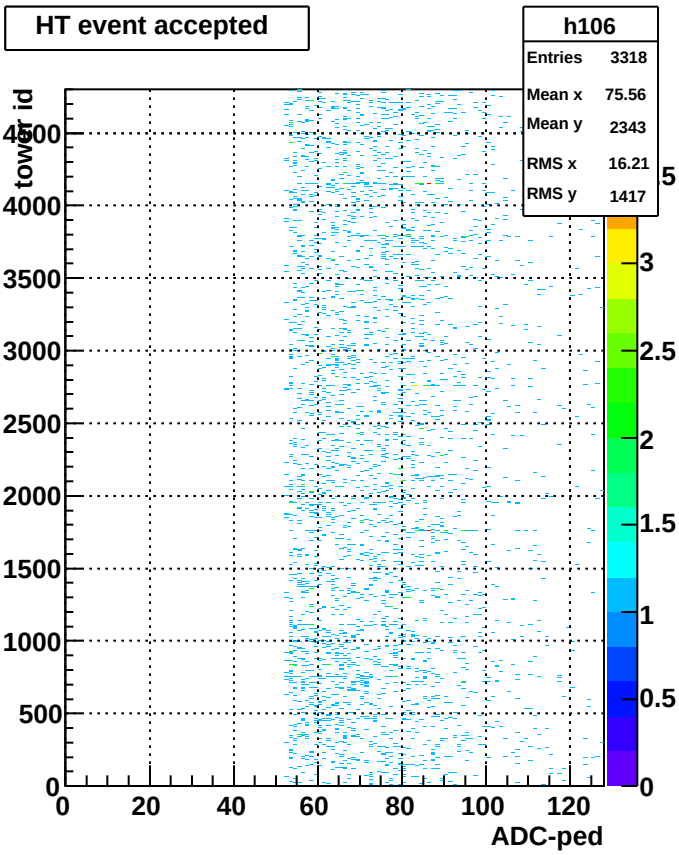

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 20.94
Mean y 58.18
RMS x 12.01
RMS y 35.44
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

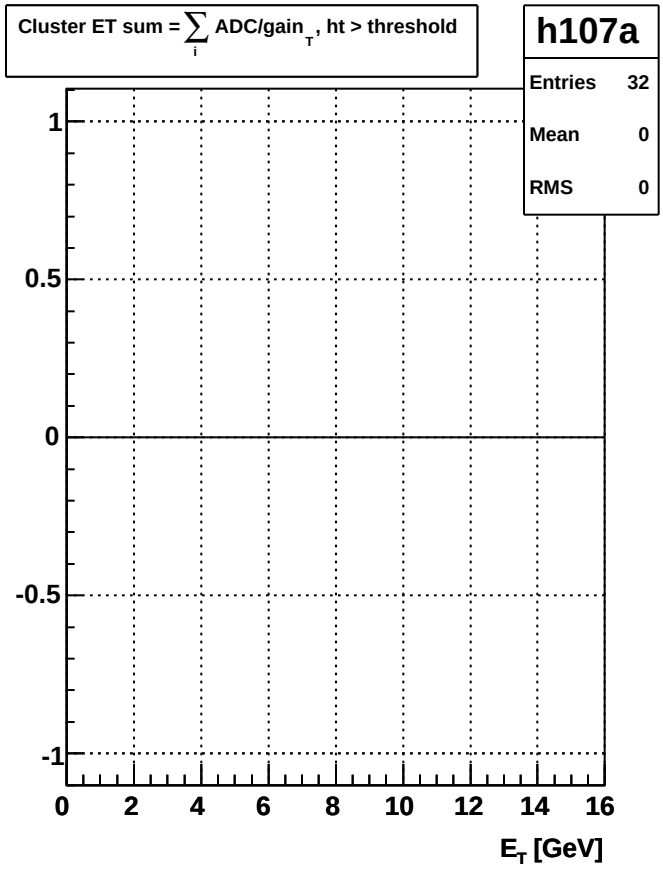

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 20.97
Mean y 58.08
RMS x 12.02
RMS y 35.49
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

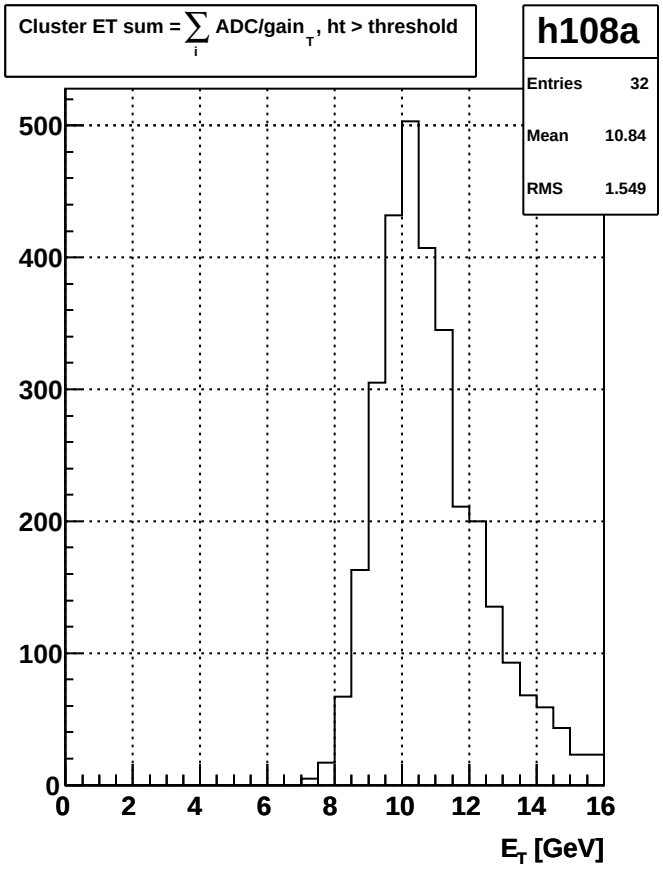

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

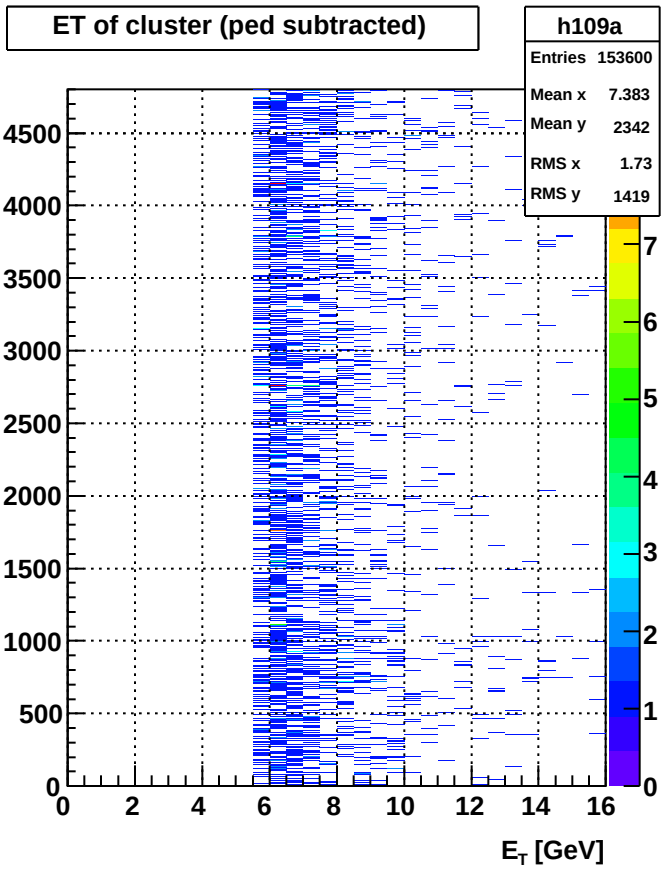

Raw ADC of ht, ht > threshold
h104
Entries 14131
Mean 349.5
RMS 68.77
240
220
200
180
160
140
120
100
80
60
40
20
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 3217
Mean 422.7
RMS 103.3
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 3318
Mean x 75.56
Mean y 2343
RMS x 16.21
RMS y 1417
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
ADC-ped
5
3
2.5
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 10.84
RMS 1.549
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 153600
Mean x 7.383
Mean y 2342
RMS x 1.73
RMS y 1419
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0 2 4 6 8 10 12 14 16
E_T [GeV]
7
6
5
4
3
2
1
0