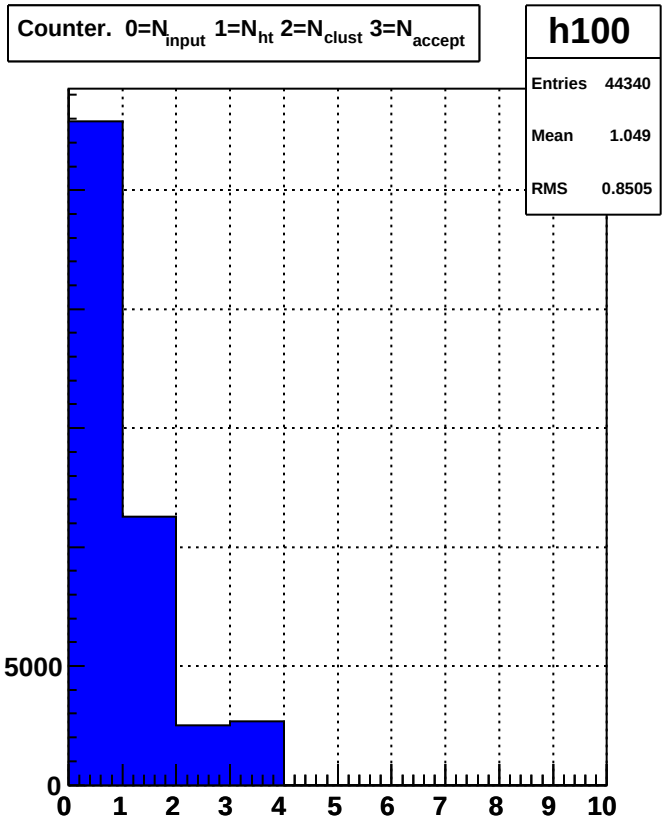
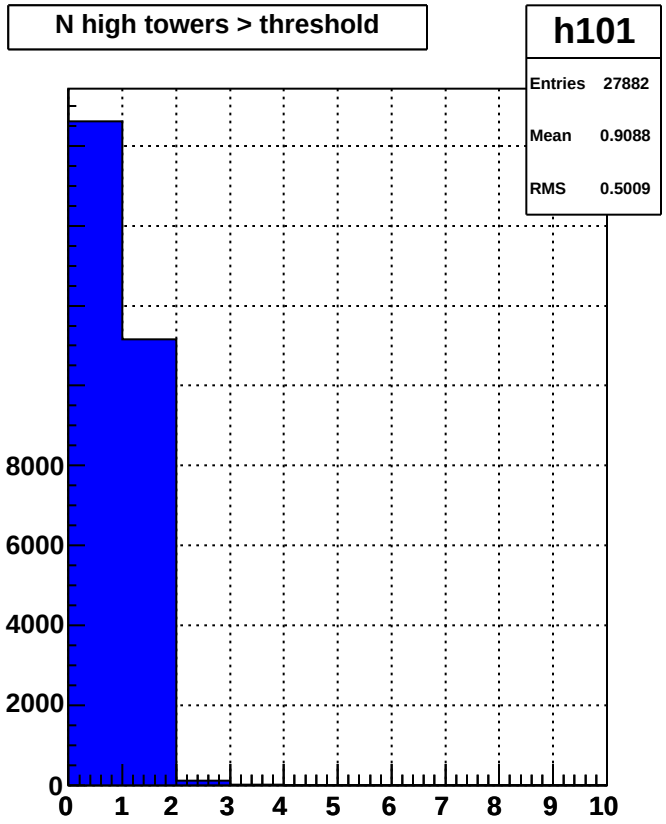
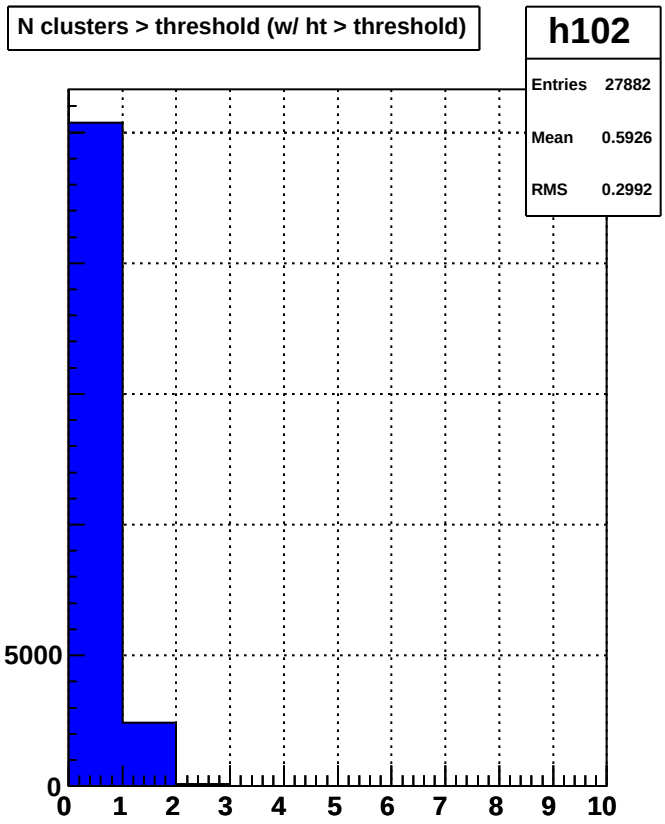
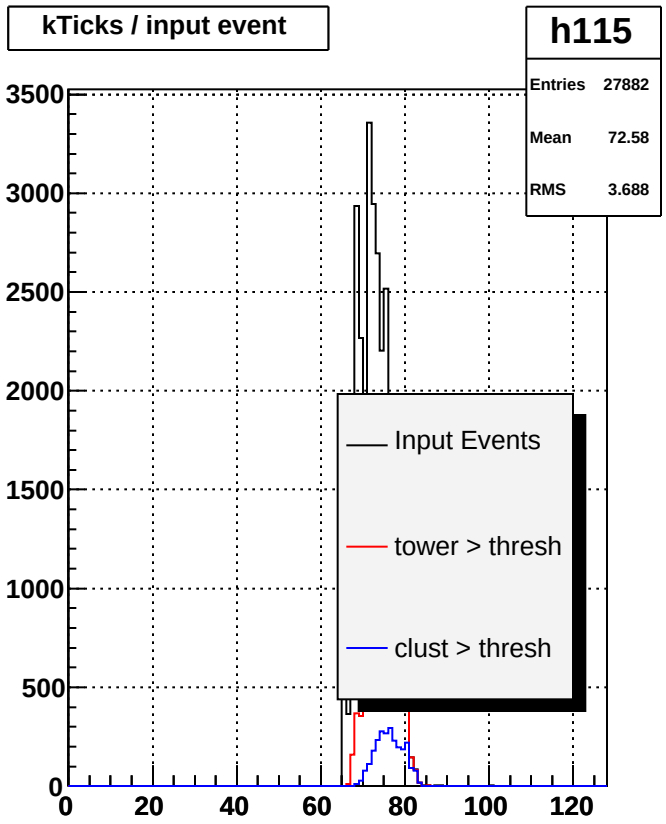
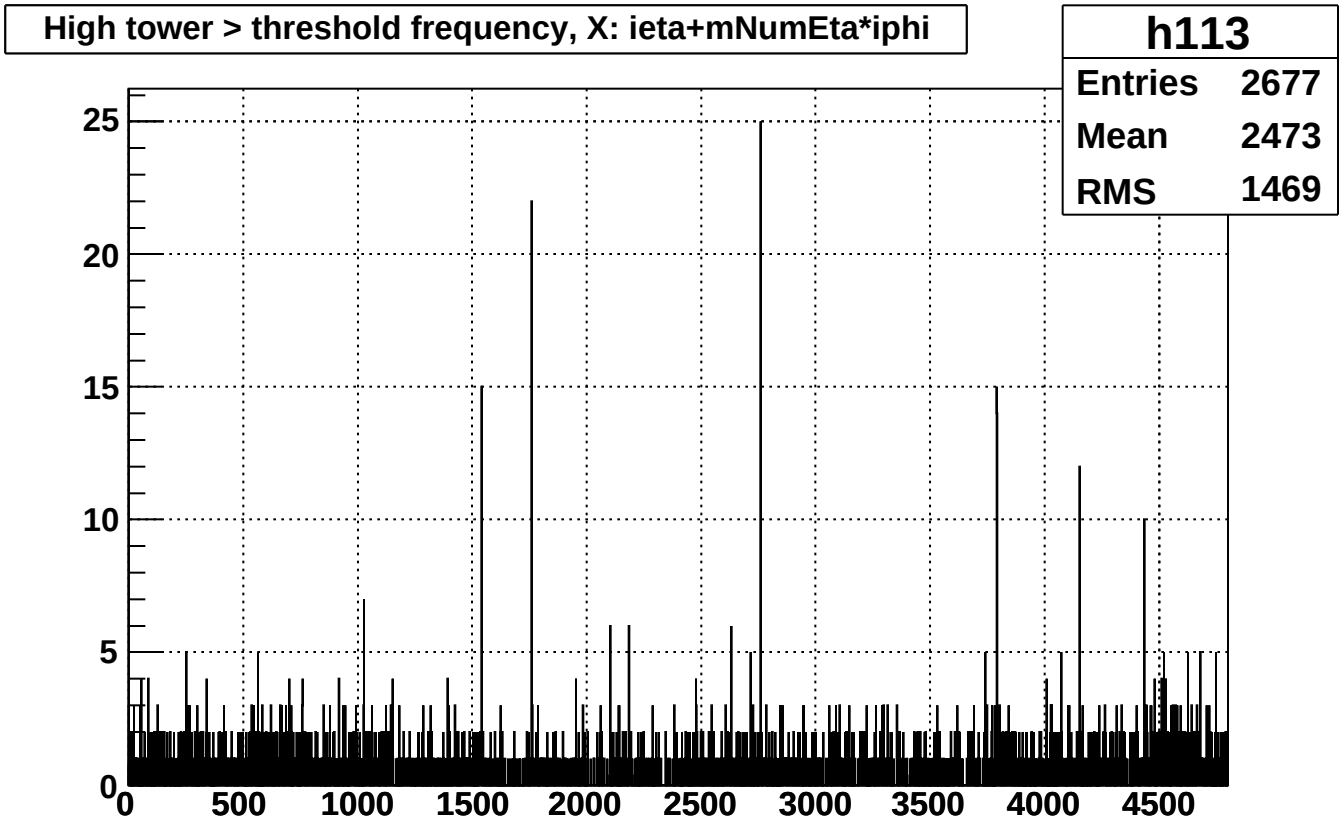
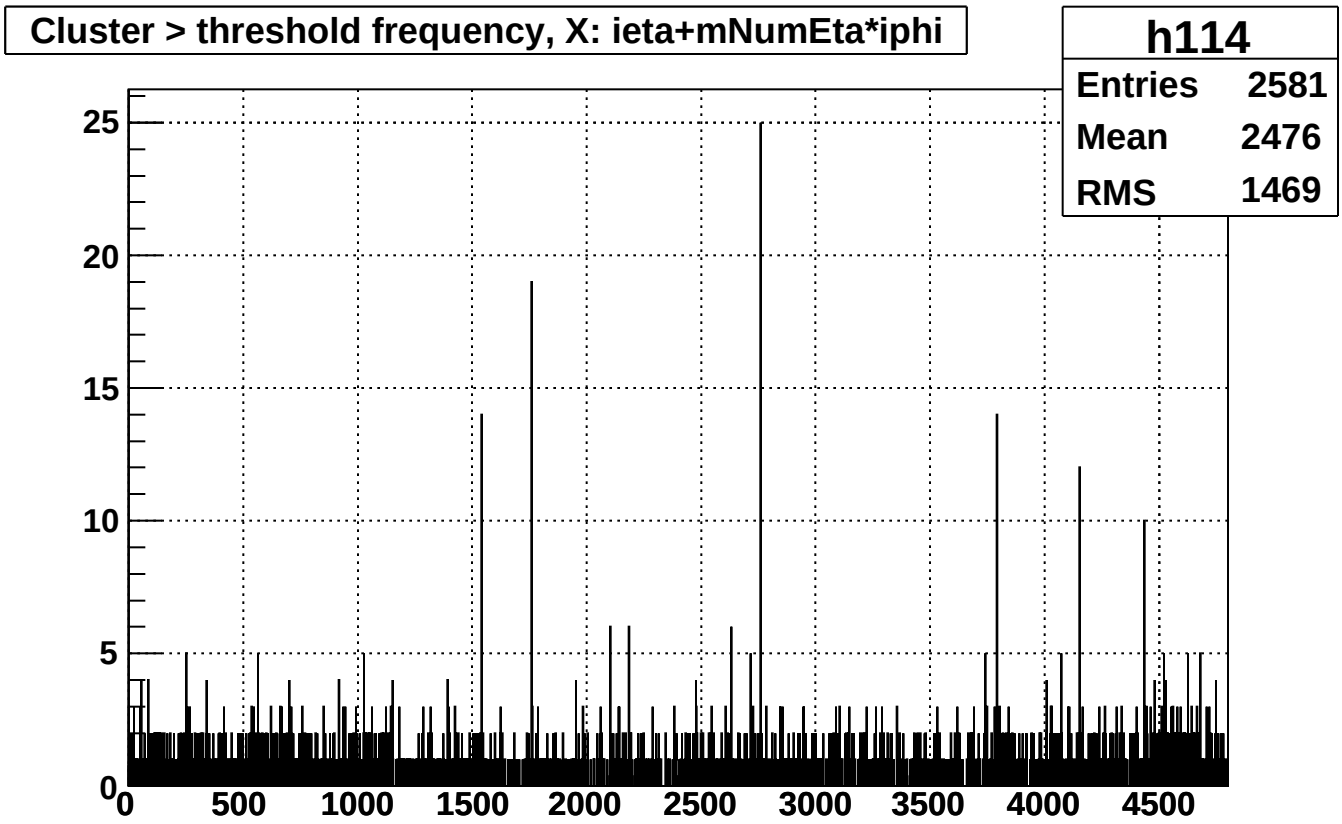

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 44340
Mean 1.049
RMS 0.8505
5000
0
0 1 2 3 4 5 6 7 8 9 10

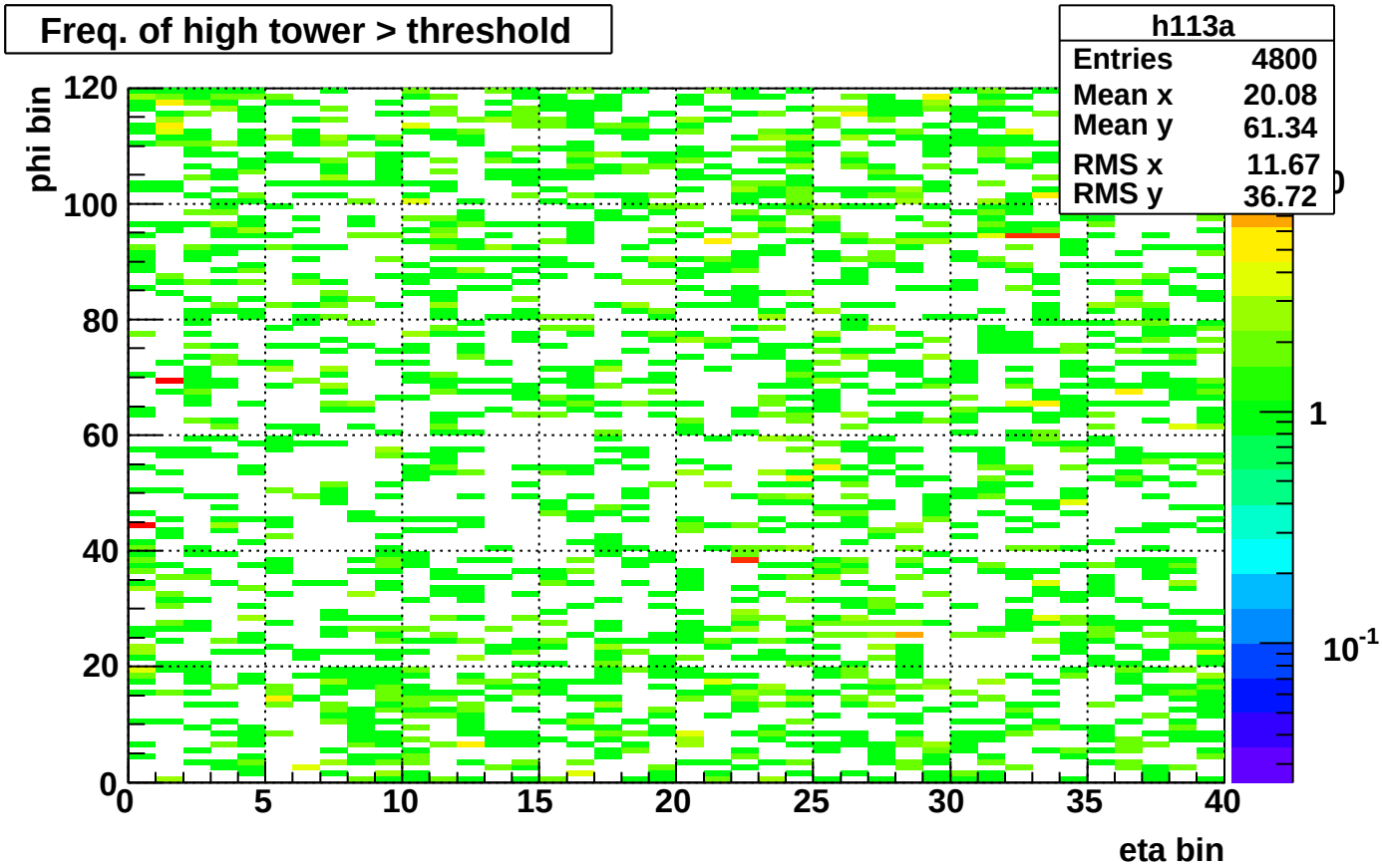

N high towers > threshold
h101
Entries 27882
Mean 0.9088
RMS 0.5009
8000
6000
4000
2000
0
0 1 2 3 4 5 6 7 8 9 10

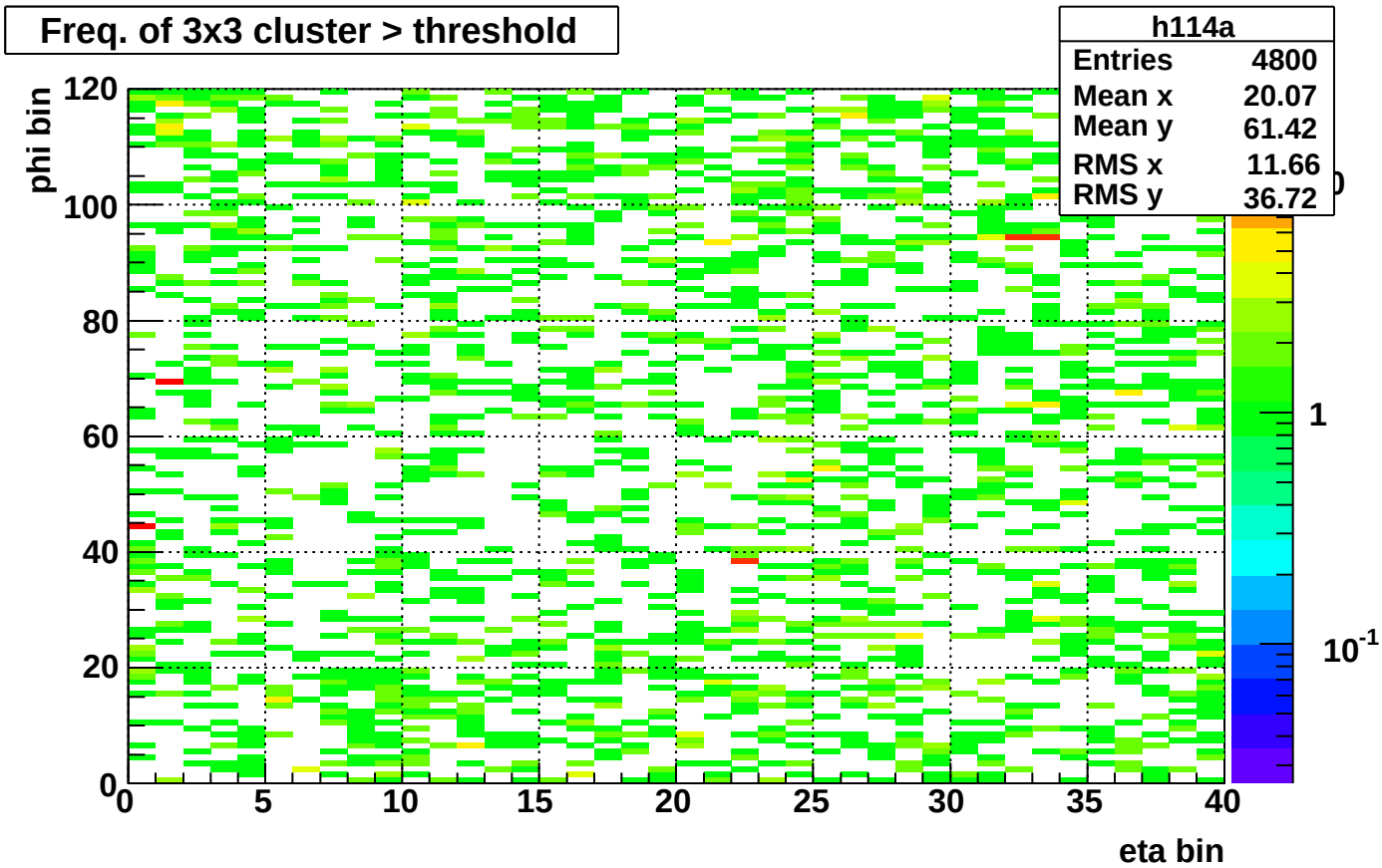

N clusters > threshold (w/ ht > threshold)
h102
Entries 27882
Mean 0.5926
RMS 0.2992
5000
0
0 1 2 3 4 5 6 7 8 9 10

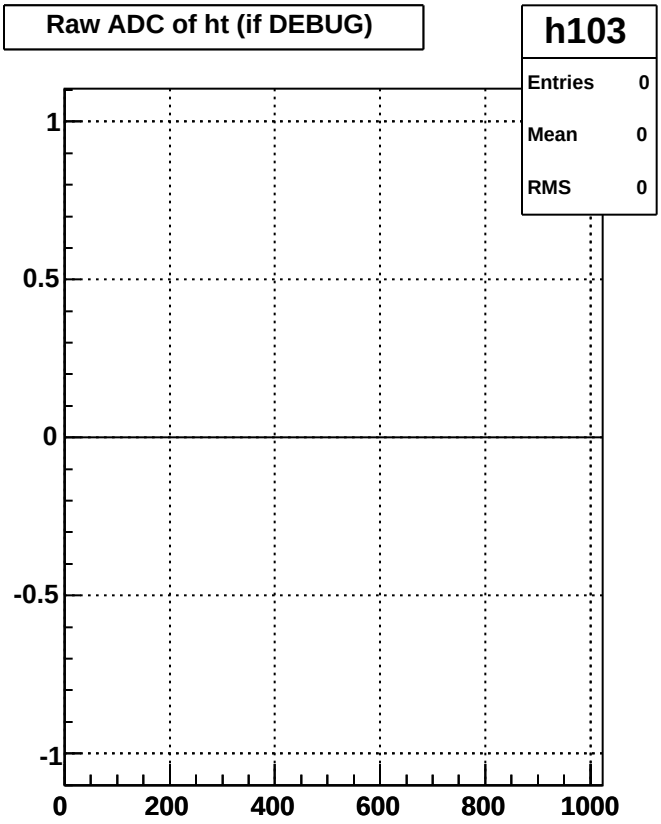

kTicks / input event
h115
Entries 27882
Mean 72.58
RMS 3.688
3500
3000
2500
2000
1500
1000
500
0
0 20 40 60 80 100 120
Input Events
tower > thresh
clust > thresh

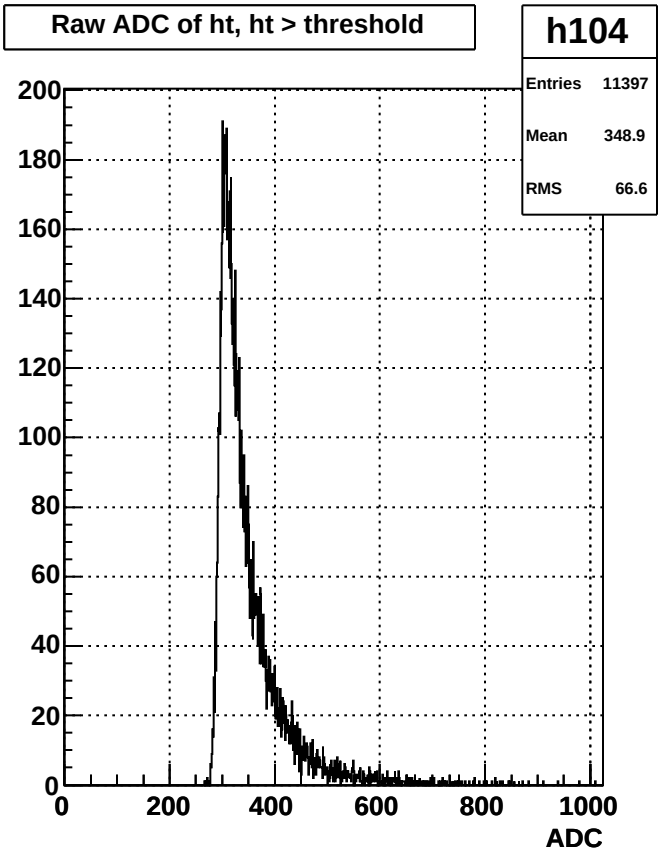

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 2677
Mean 2473
RMS 1469
0
5
10
15
20
25
0
500
1000
1500
2000
2500
3000
3500
4000
4500

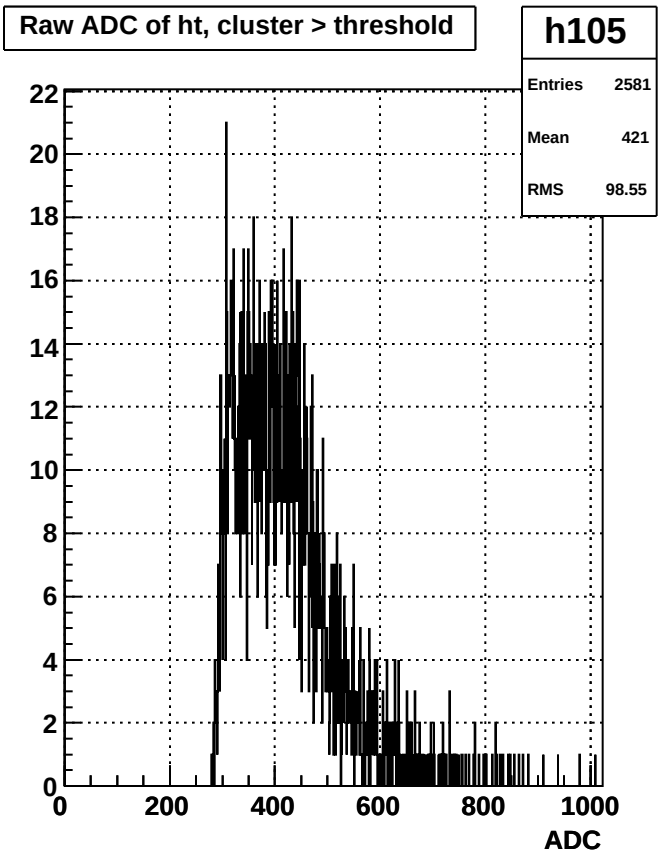

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 2581
Mean 2476
RMS 1469
0
5
10
15
20
25
0
500
1000
1500
2000
2500
3000
3500
4000
4500

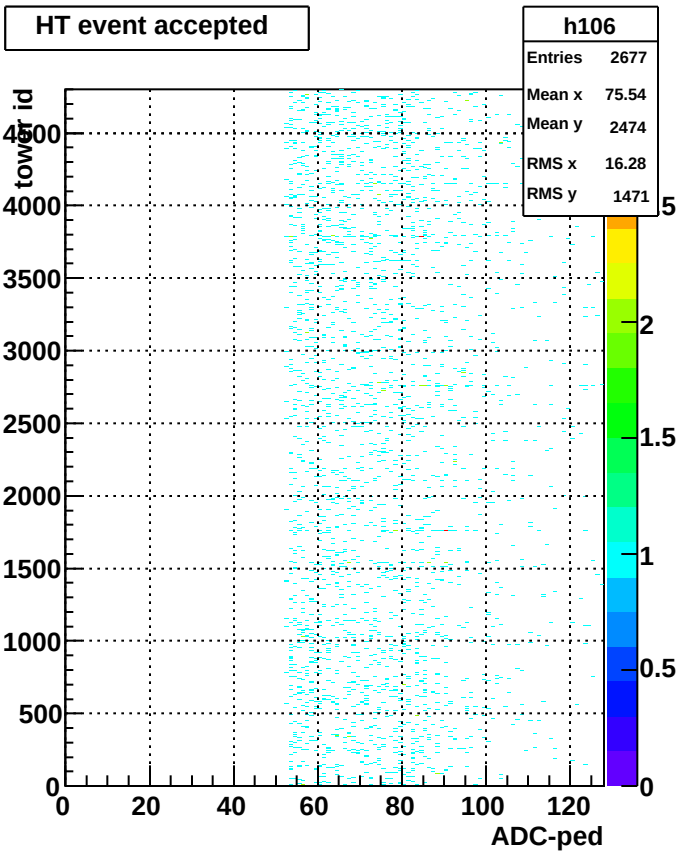

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 20.08
Mean y 61.34
RMS x 11.67
RMS y 36.72
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

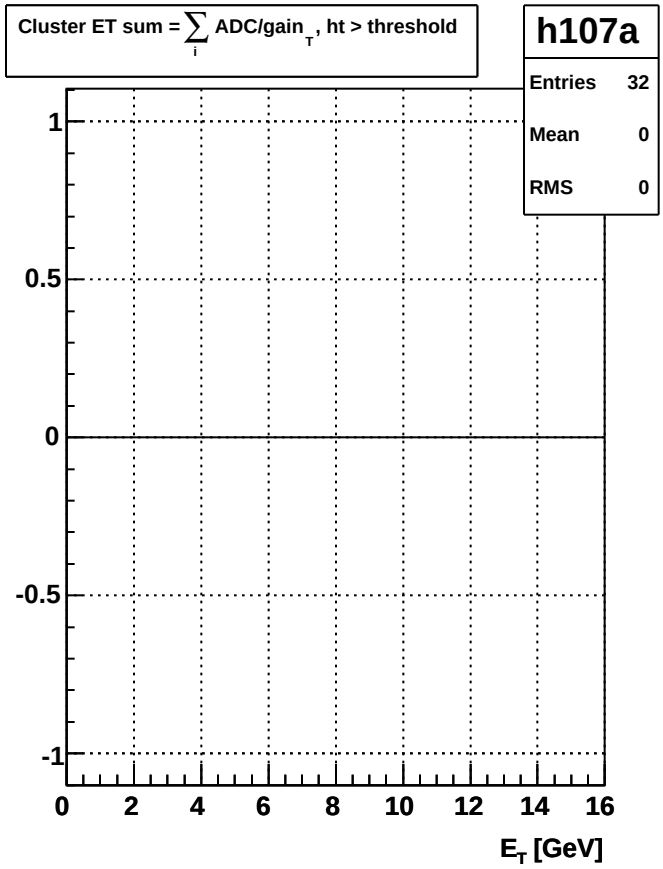

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 20.07
Mean y 61.42
RMS x 11.66
RMS y 36.72
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

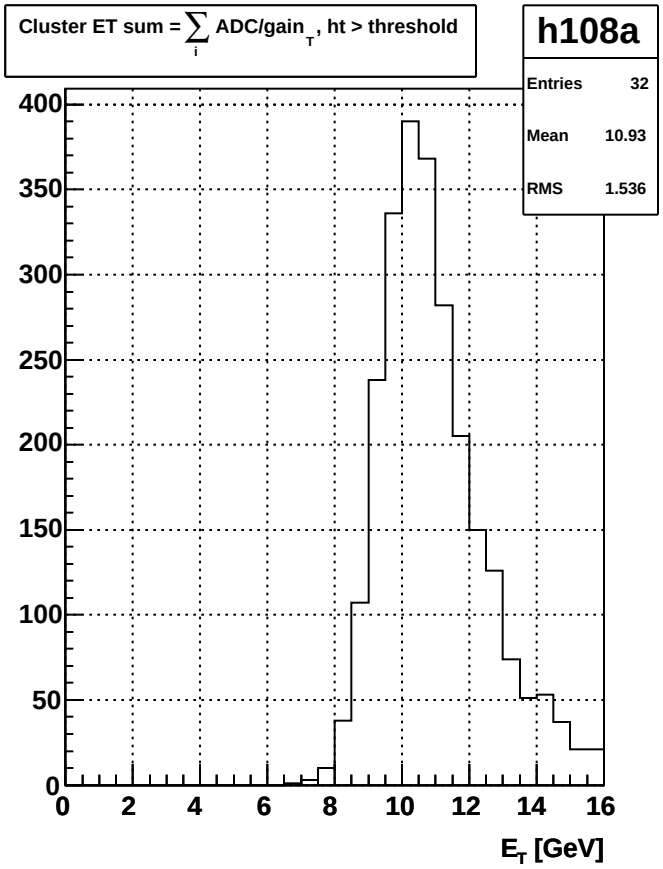

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

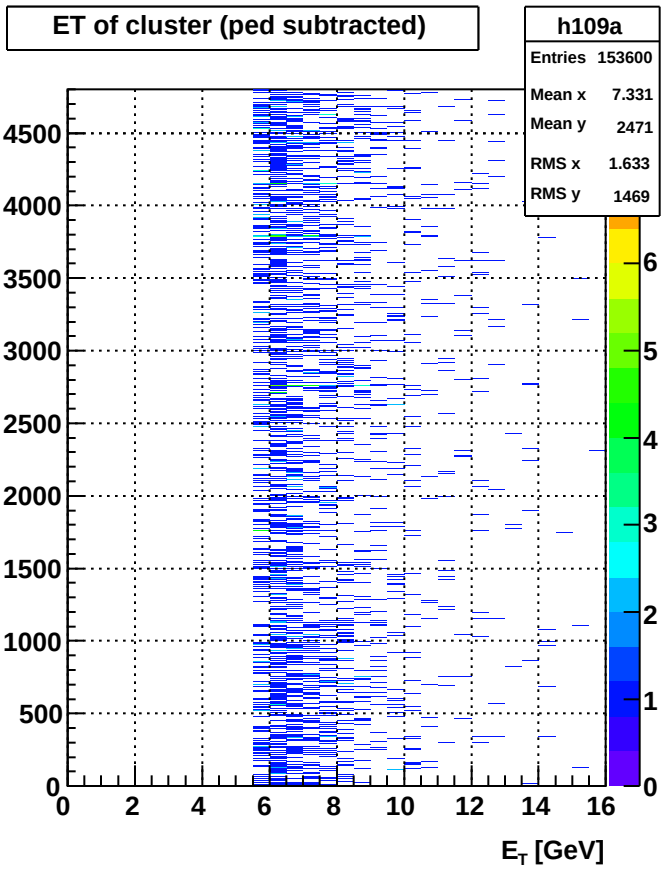

Raw ADC of ht, ht > threshold
h104
Entries 11397
Mean 348.9
RMS 66.6
200
180
160
140
120
100
80
60
40
20
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 2581
Mean 421
RMS 98.55
22
20
18
16
14
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 2677
Mean x 75.54
Mean y 2474
RMS x 16.28
RMS y 1471
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
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 10.93
RMS 1.536
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 7.331
Mean y 2471
RMS x 1.633
RMS y 1469
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0 2 4 6 8 10 12 14 16
E_T [GeV]
6
5
4
3
2
1
0