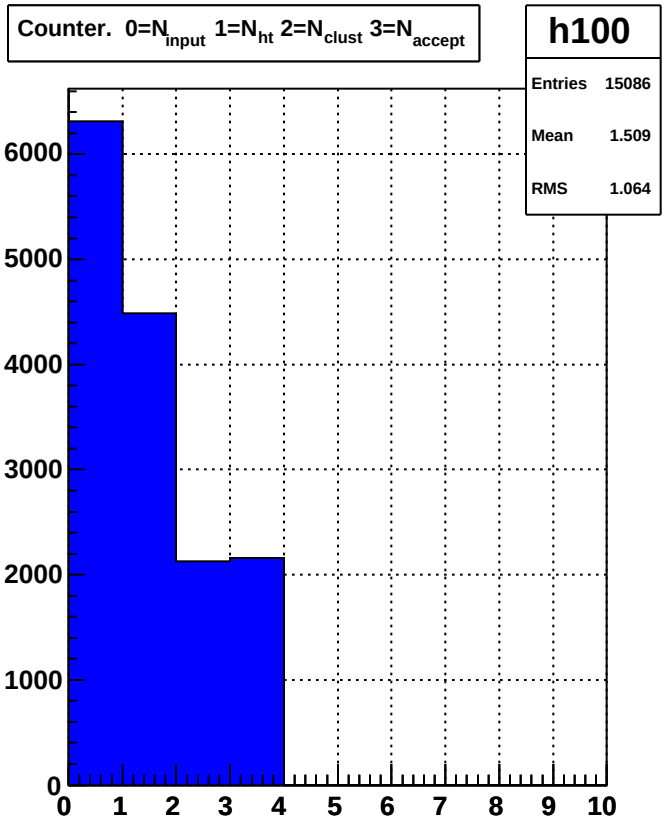
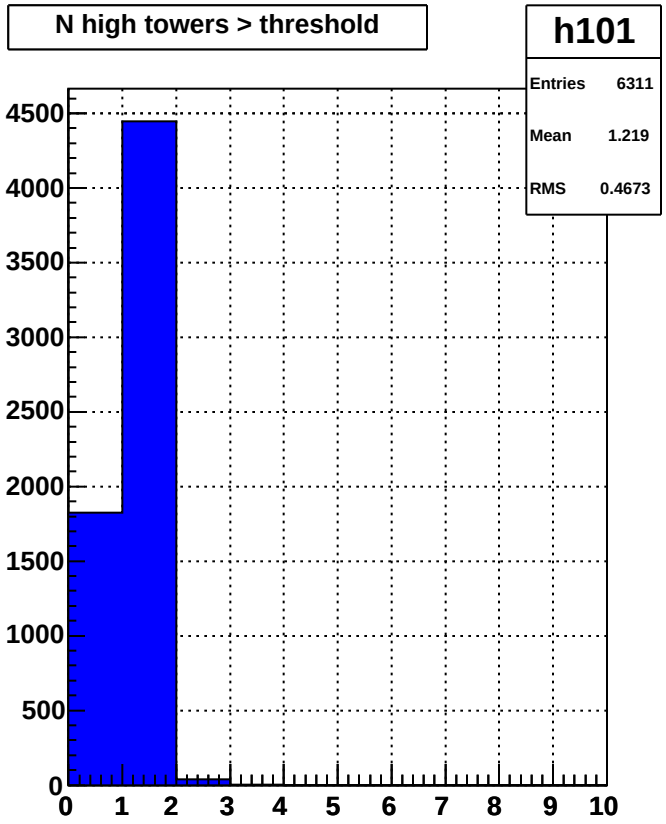
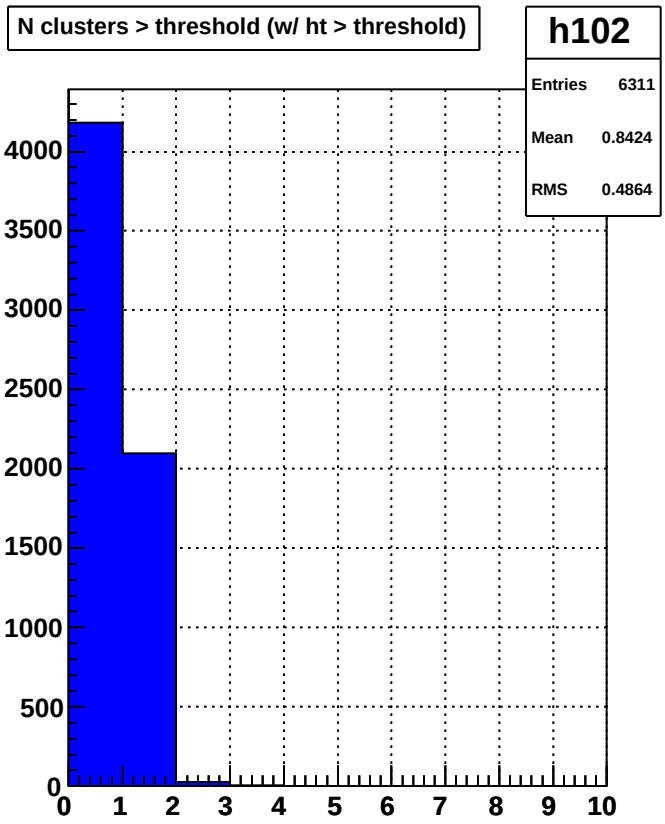
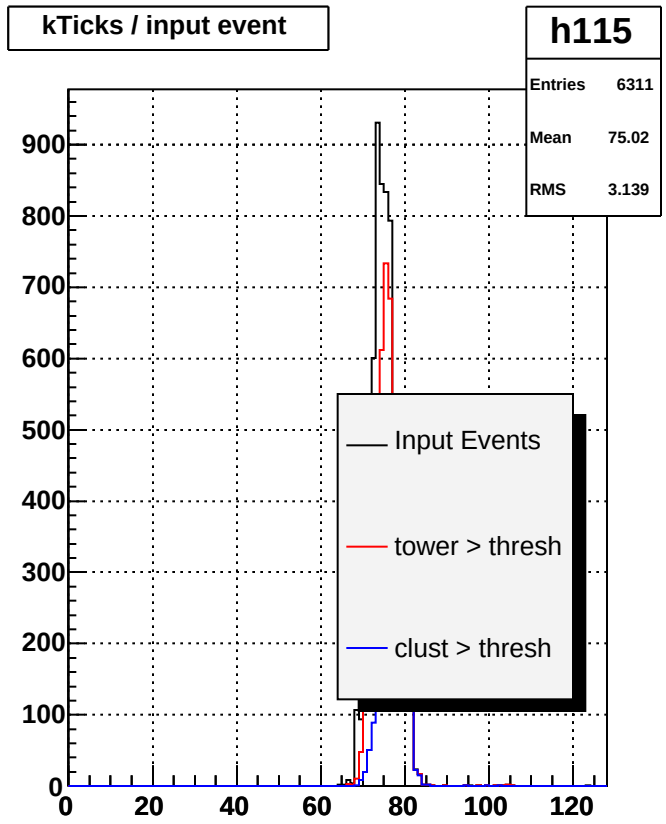
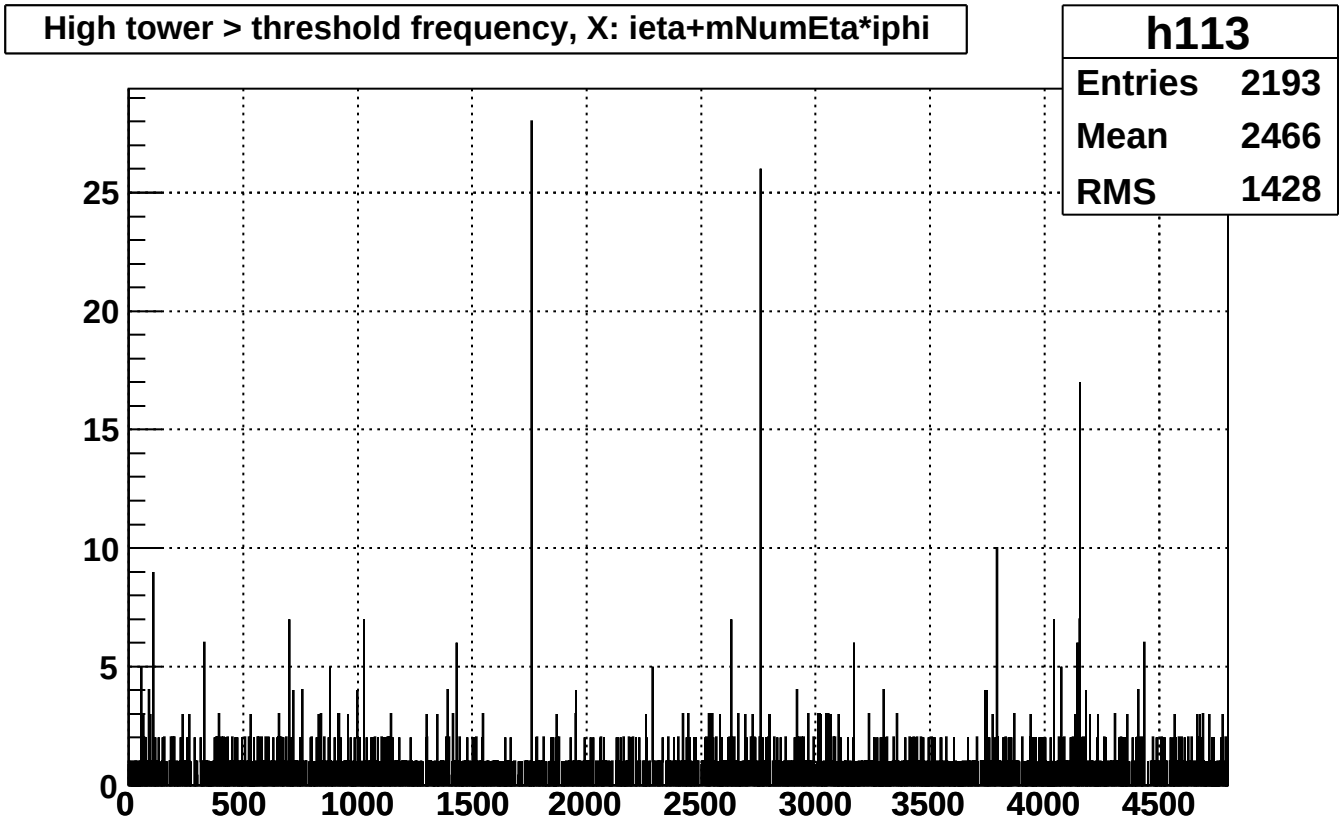
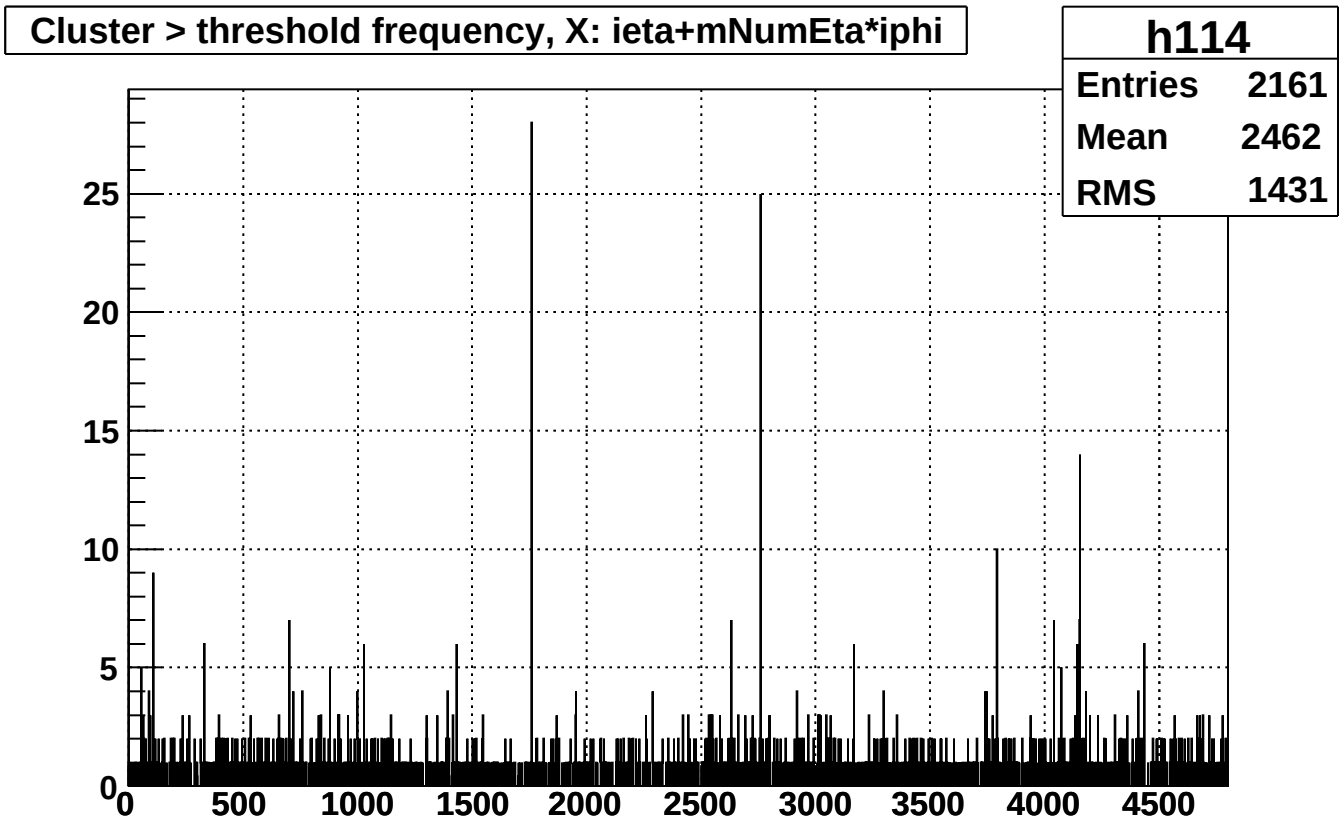

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 15086
Mean 1.509
RMS 1.064

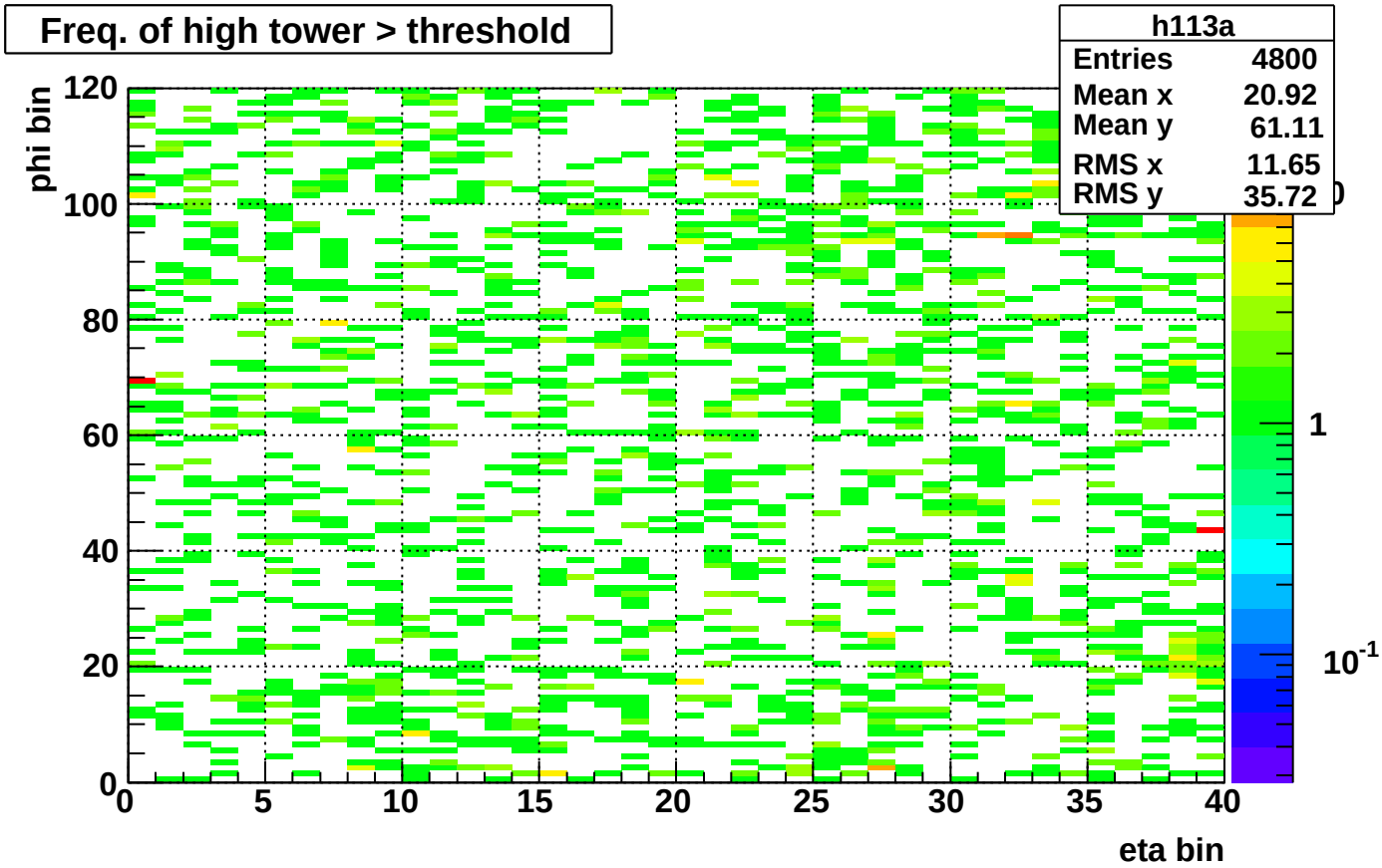

N high towers > threshold
h101
Entries 6311
Mean 1.219
RMS 0.4673

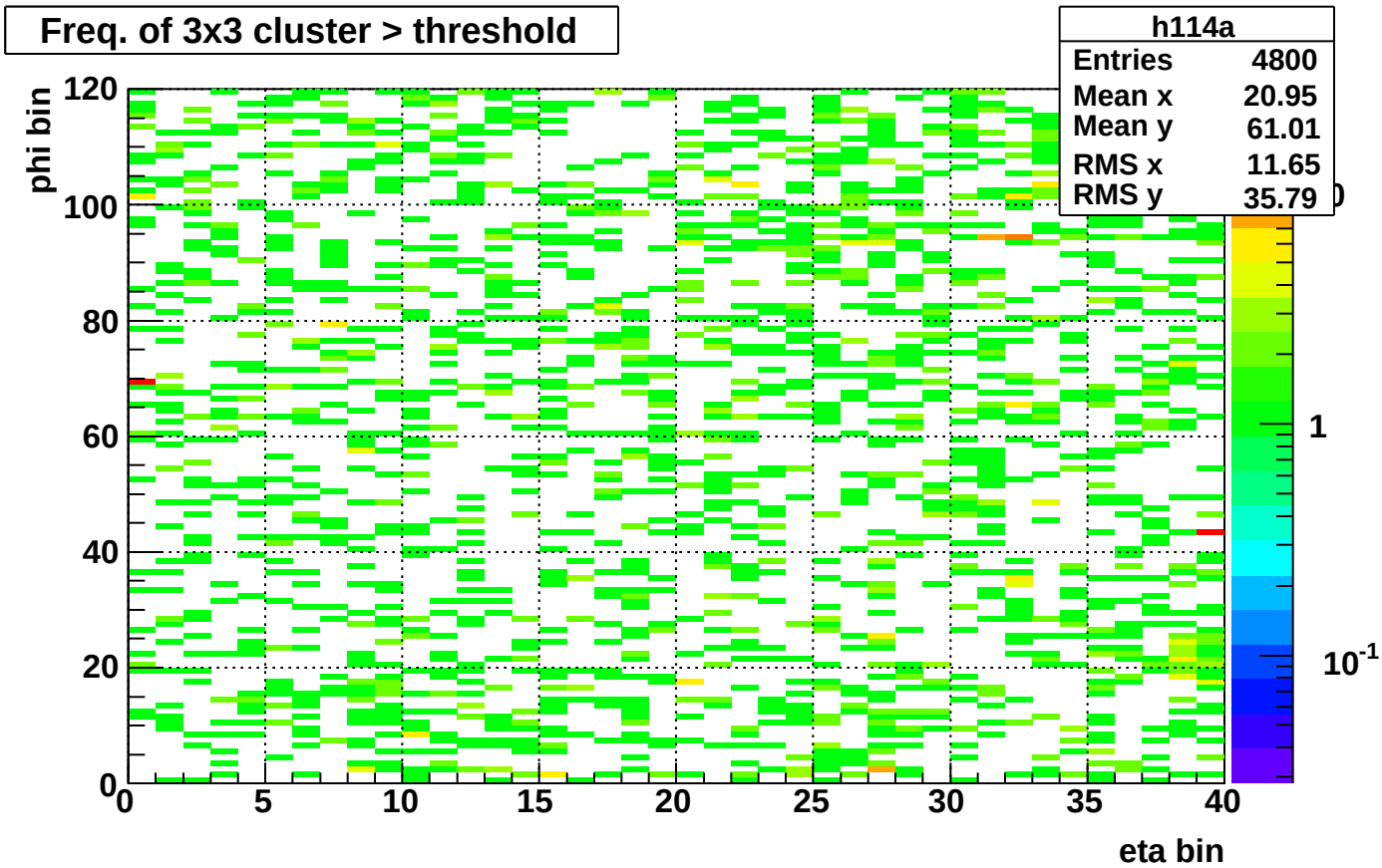

N clusters > threshold (w/ ht > threshold)
h102
Entries 6311
Mean 0.8424
RMS 0.4864

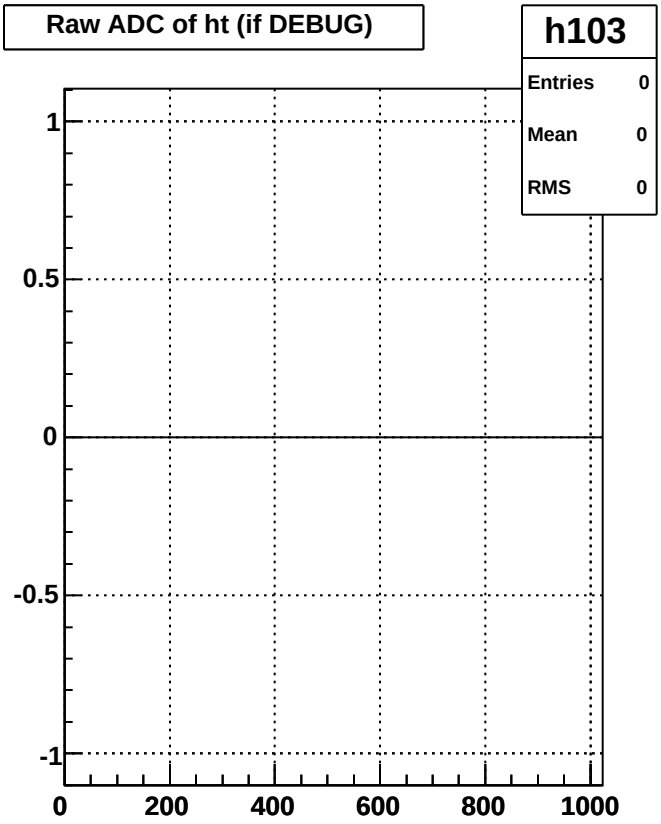

kTicks / input event
h115
Entries 6311
Mean 75.02
RMS 3.139
Input Events
tower > thresh
clust > thresh

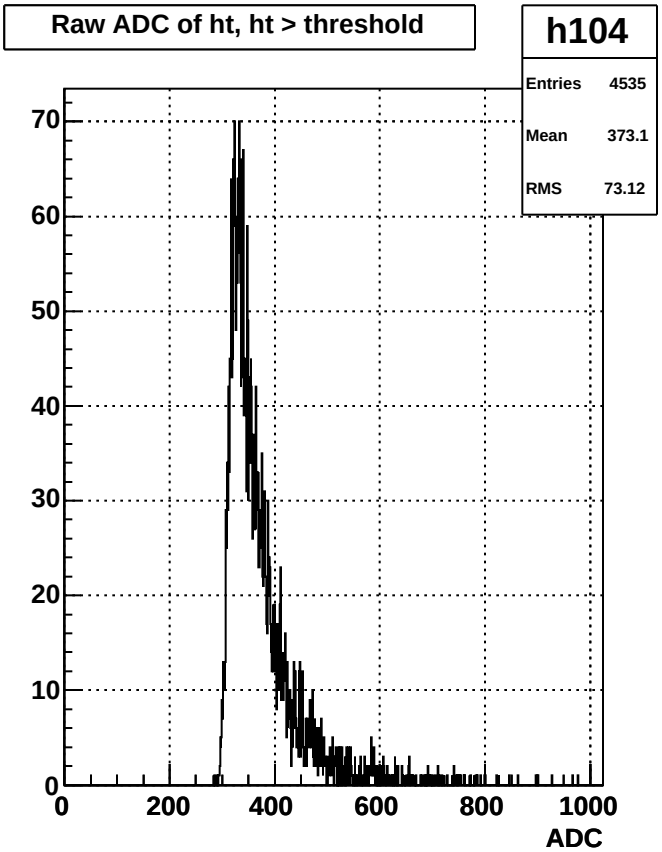

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 2193
Mean 2466
RMS 1428
0
5
10
15
20
25
0
500
1000
1500
2000
2500
3000
3500
4000
4500

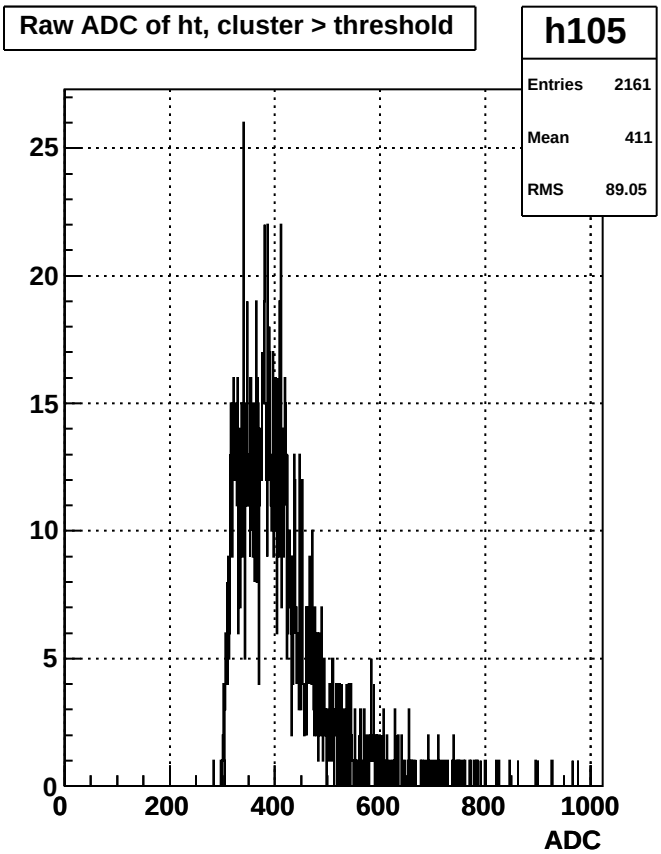

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 2161
Mean 2462
RMS 1431
0
5
10
15
20
25
0
500
1000
1500
2000
2500
3000
3500
4000
4500

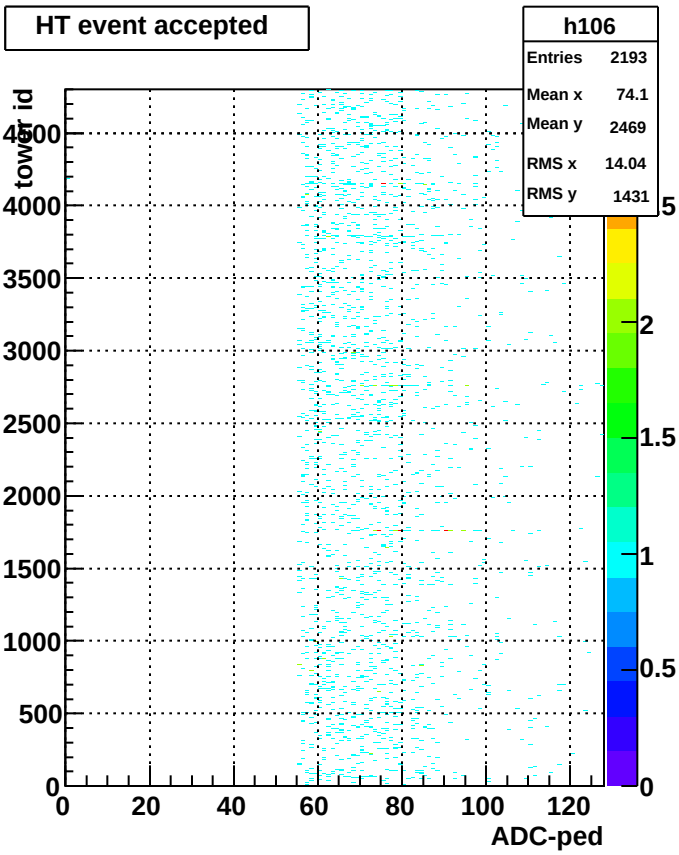

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 20.92
Mean y 61.11
RMS x 11.65
RMS y 35.72
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

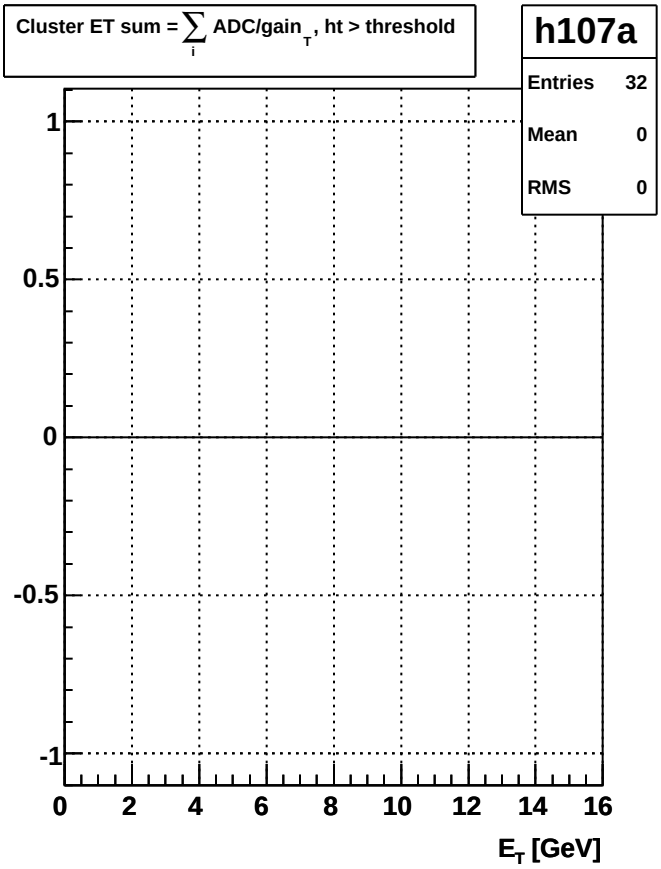

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 20.95
Mean y 61.01
RMS x 11.65
RMS y 35.79
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

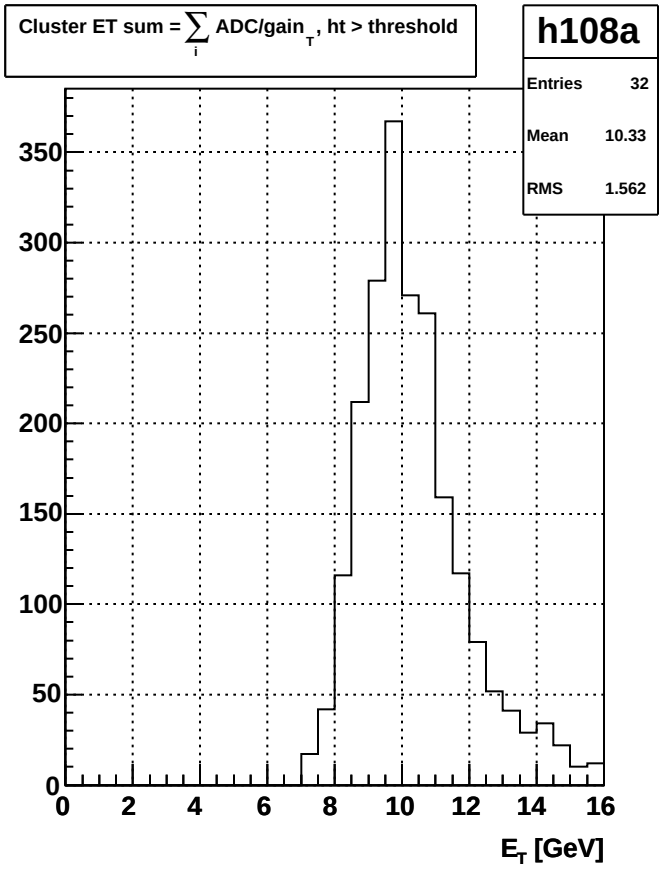

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

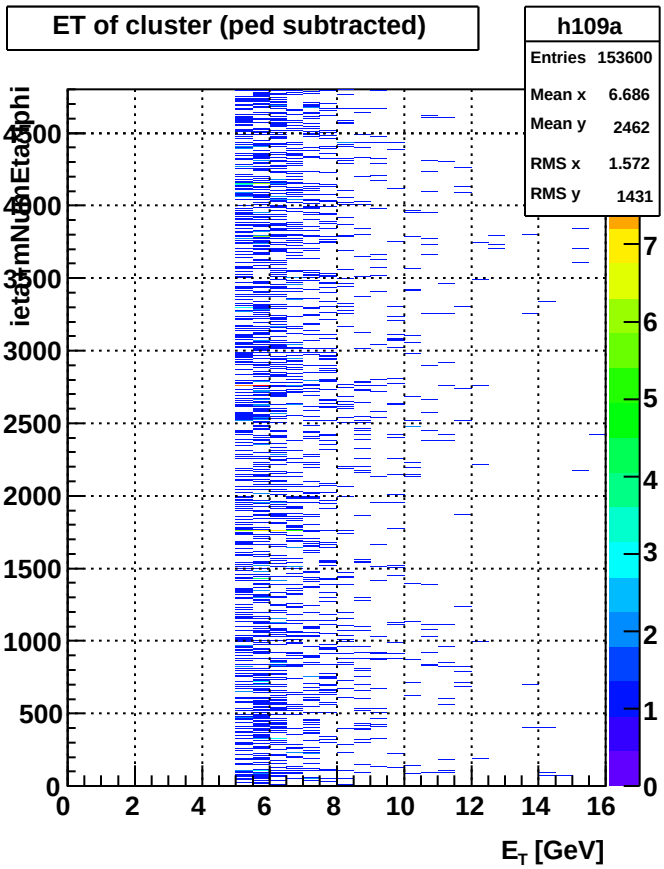

Raw ADC of ht, ht > threshold
h104
Entries 4535
Mean 373.1
RMS 73.12
70
60
50
40
30
20
10
0
0
200
400
600
800
1000
ADC

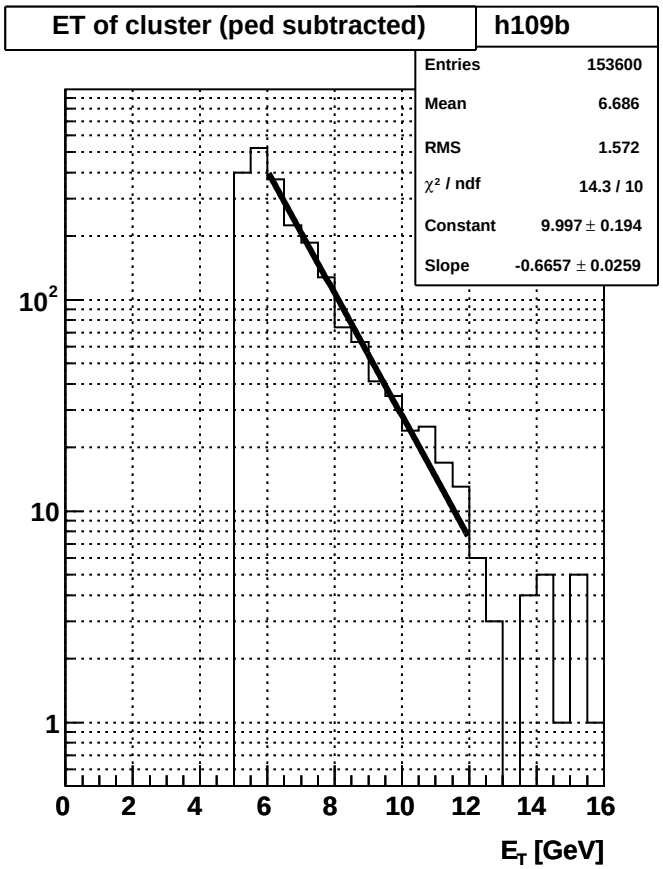

Raw ADC of ht, cluster > threshold
h105
Entries 2161
Mean 411
RMS 89.05
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 2193
Mean x 74.1
Mean y 2469
RMS x 14.04
RMS y 1431
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
E_T [GeV]


Cluster ET sum = $\sum_i$ ADC/gain$_T$, ht > threshold
h108a
Entries 32
Mean 10.33
RMS 1.562
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 6.686
Mean y 2462
RMS x 1.572
RMS y 1431
ietaNumEtaNumPhi
E_T [GeV]


ET of cluster (ped subtracted)
h109b
Entries 153600
Mean 6.686
RMS 1.572
χ^2 / ndf 14.3 / 10
Constant 9.997 ± 0.194
Slope -0.6657 ± 0.0259
E_T [GeV]