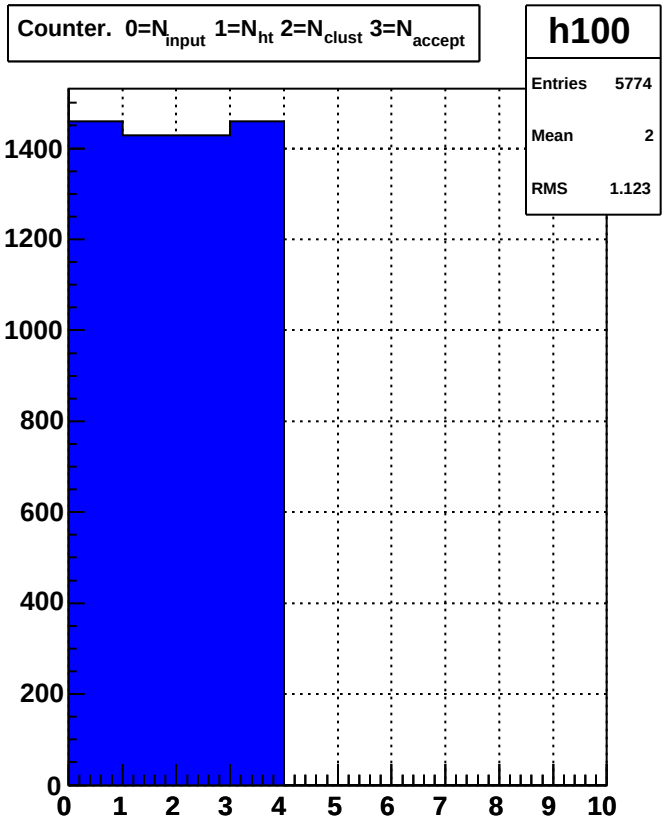
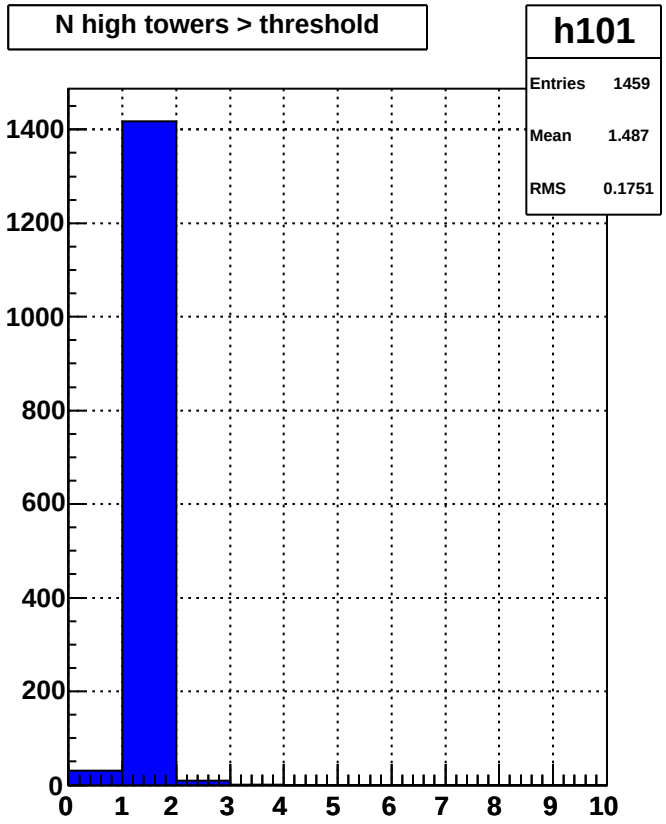
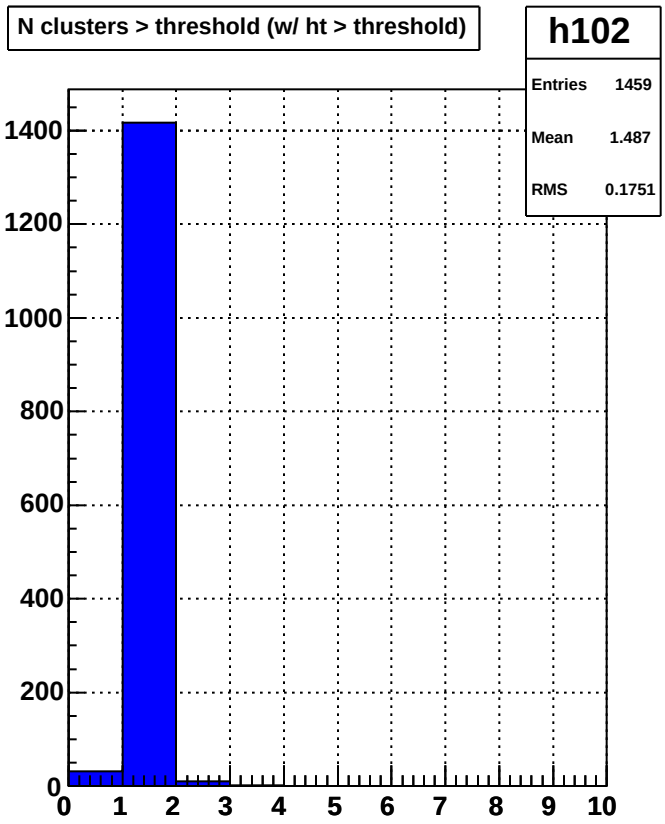
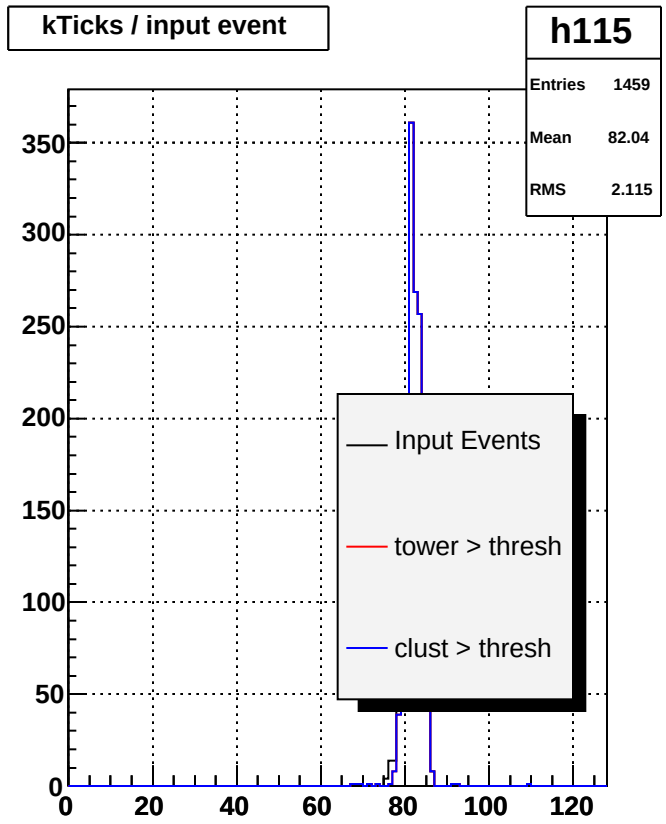
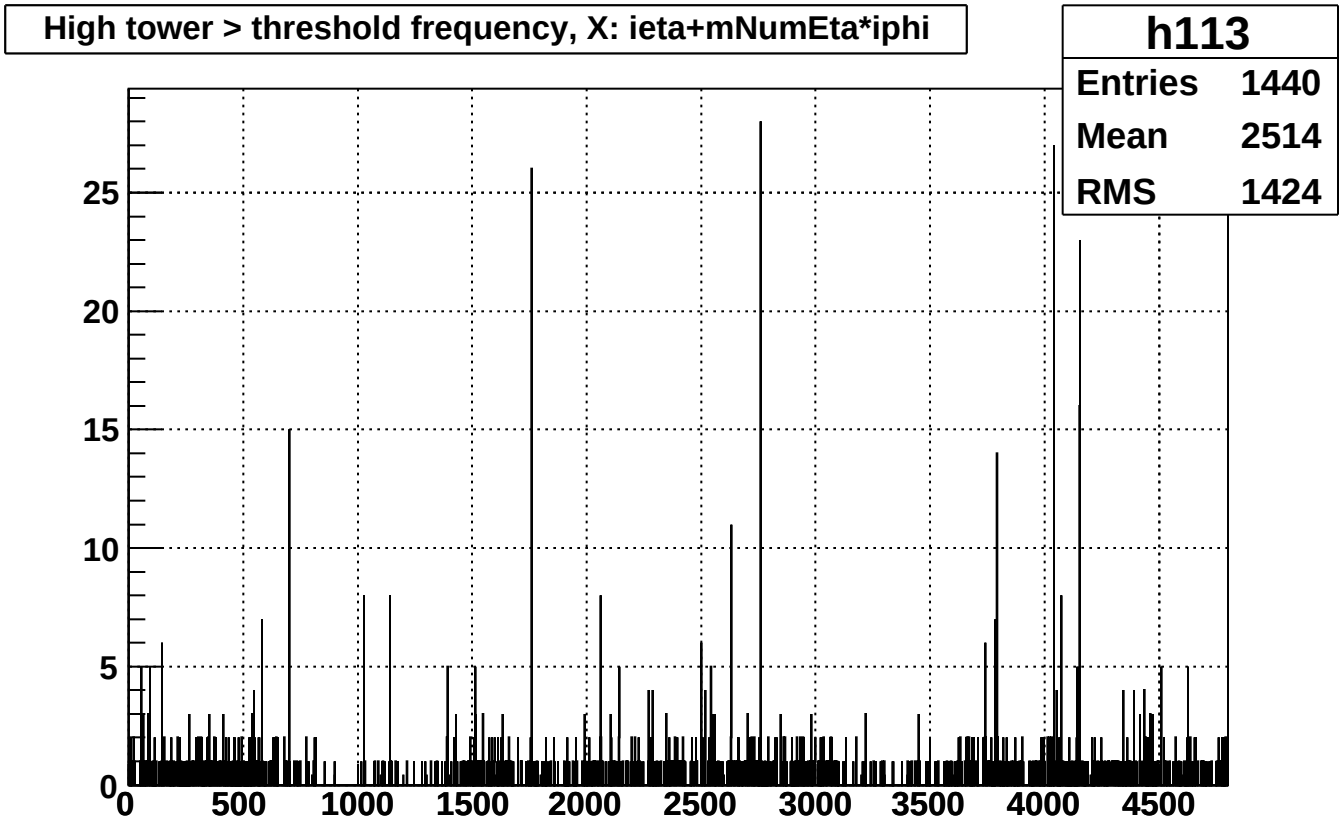
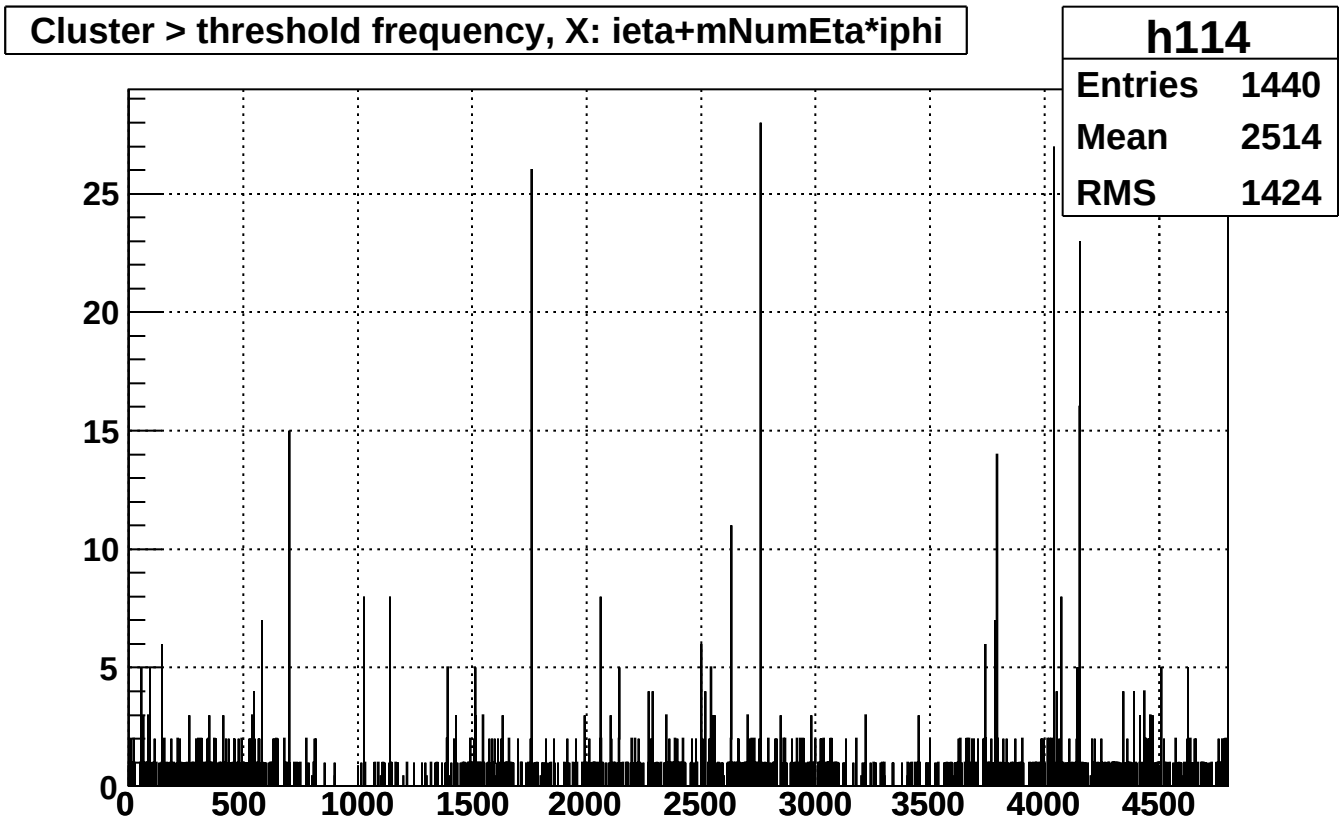

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 5774
Mean 2
RMS 1.123

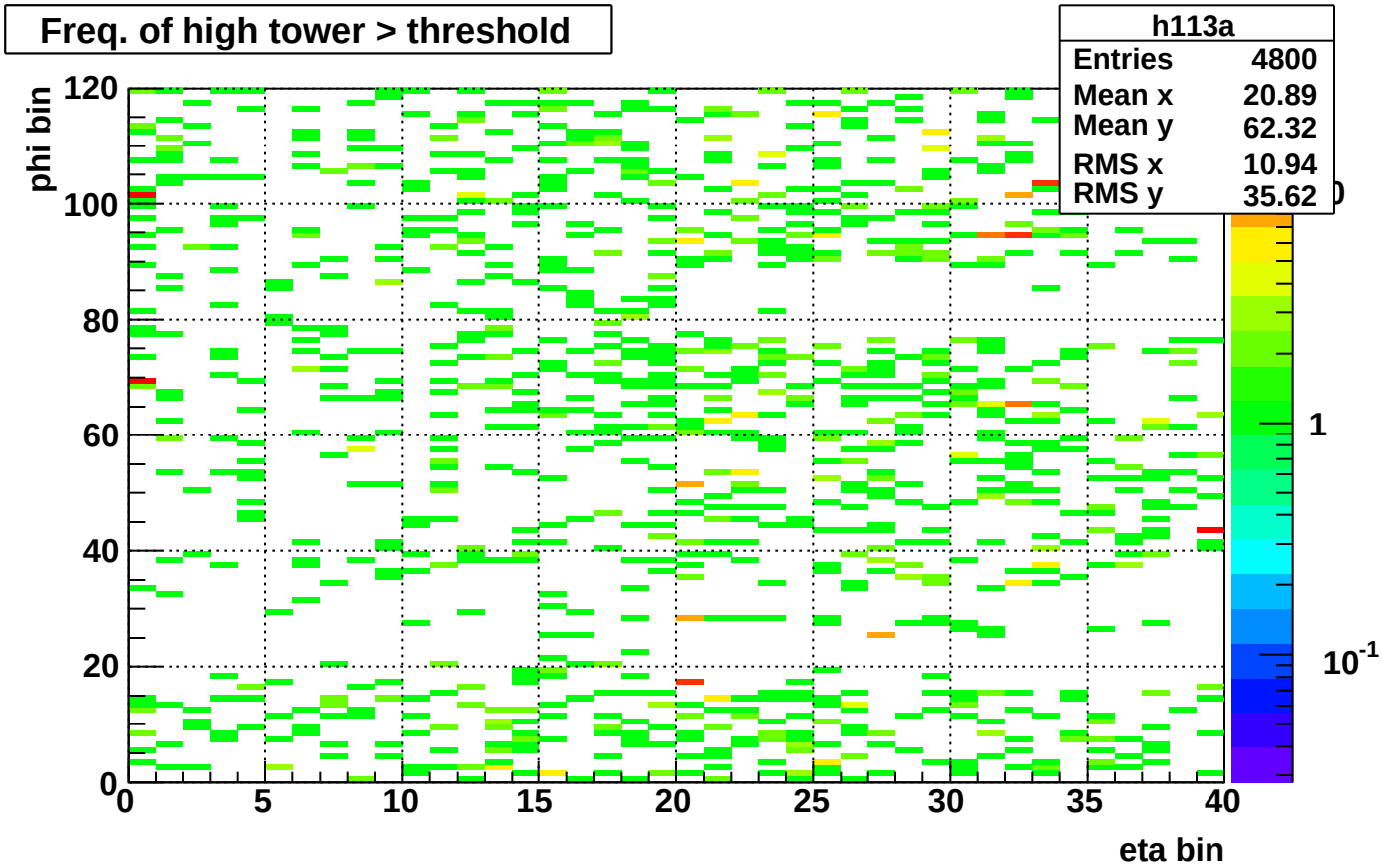

N high towers > threshold
h101
Entries 1459
Mean 1.487
RMS 0.1751

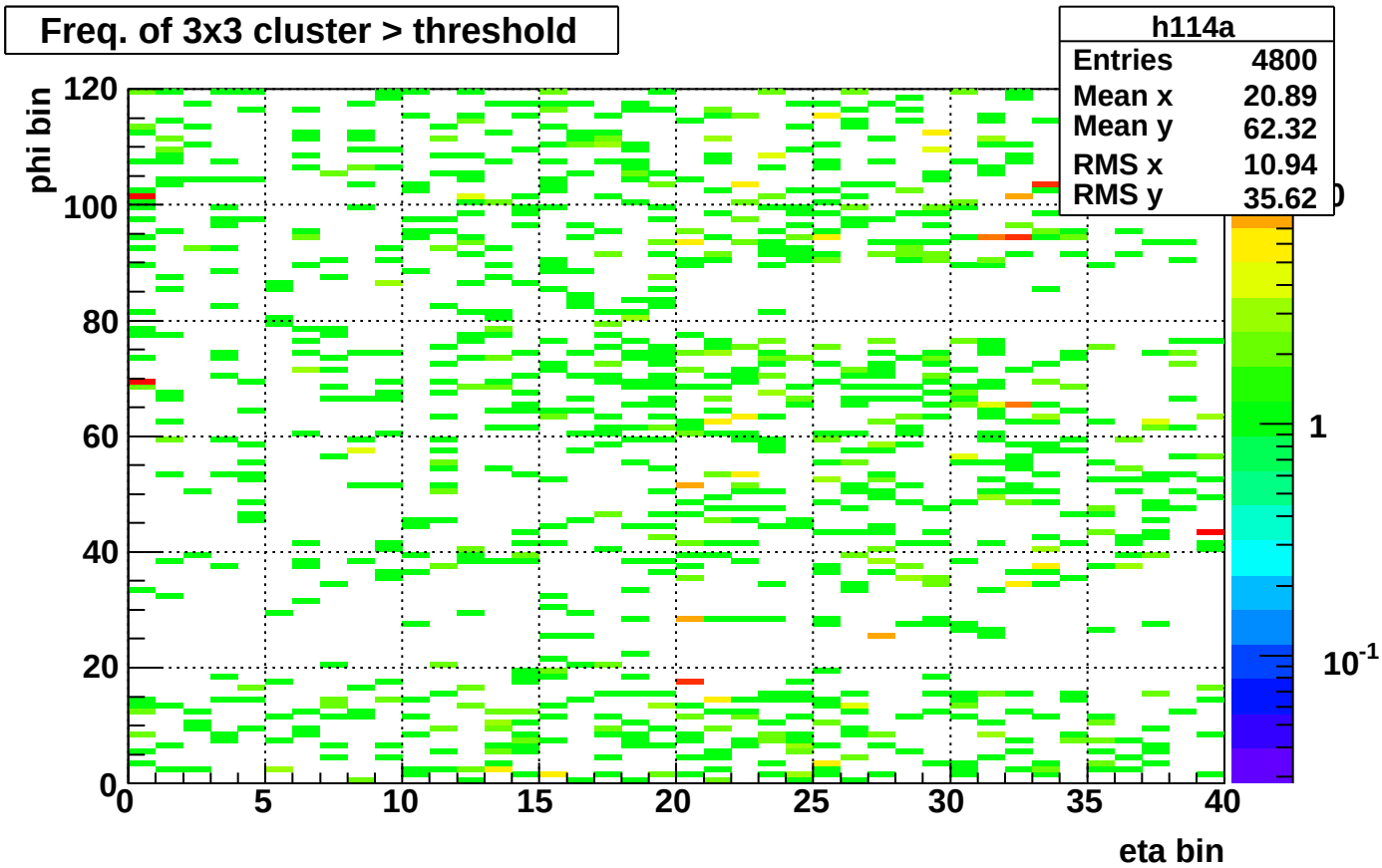

N clusters > threshold (w/ ht > threshold)
h102
Entries 1459
Mean 1.487
RMS 0.1751

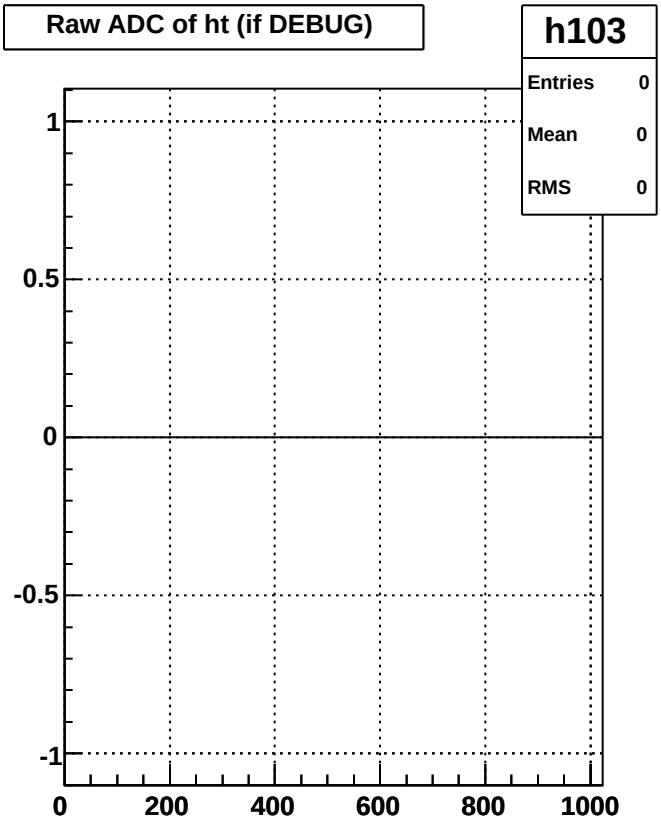

kTicks / input event
h115
Entries 1459
Mean 82.04
RMS 2.115
Input Events
tower > thresh
clust > thresh

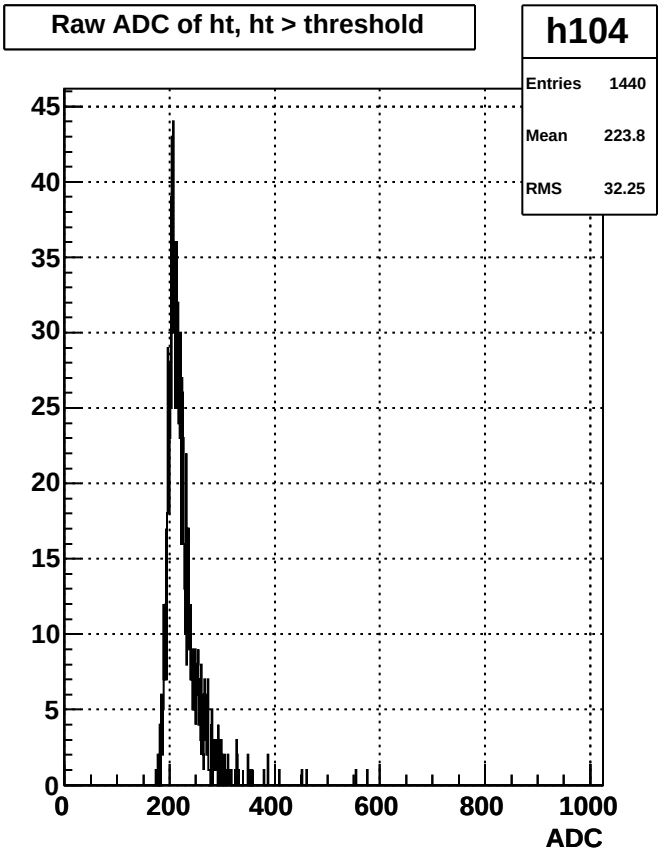

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 1440
Mean 2514
RMS 1424
0
5
10
15
20
25
0
500
1000
1500
2000
2500
3000
3500
4000
4500

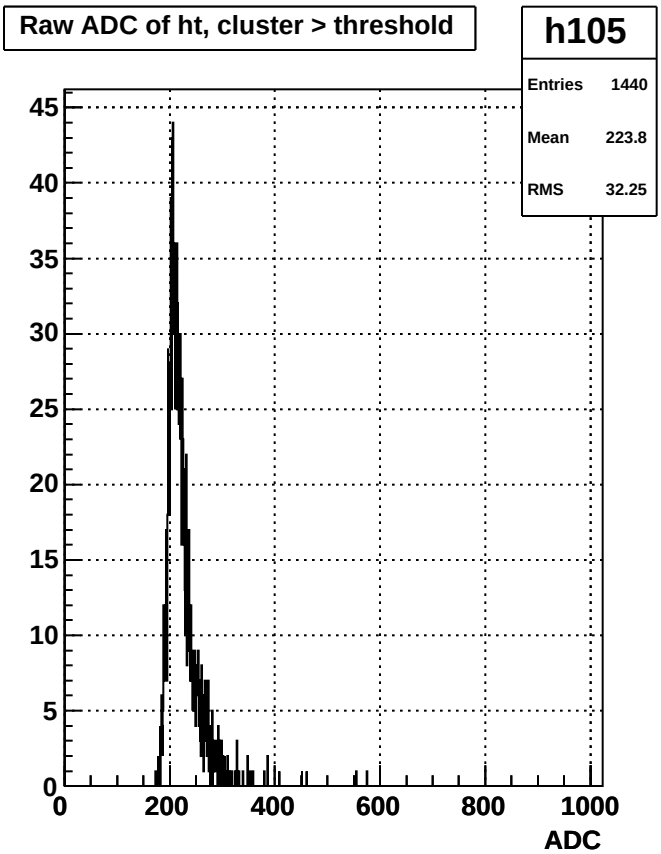

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 1440
Mean 2514
RMS 1424
0
5
10
15
20
25
0
500
1000
1500
2000
2500
3000
3500
4000
4500

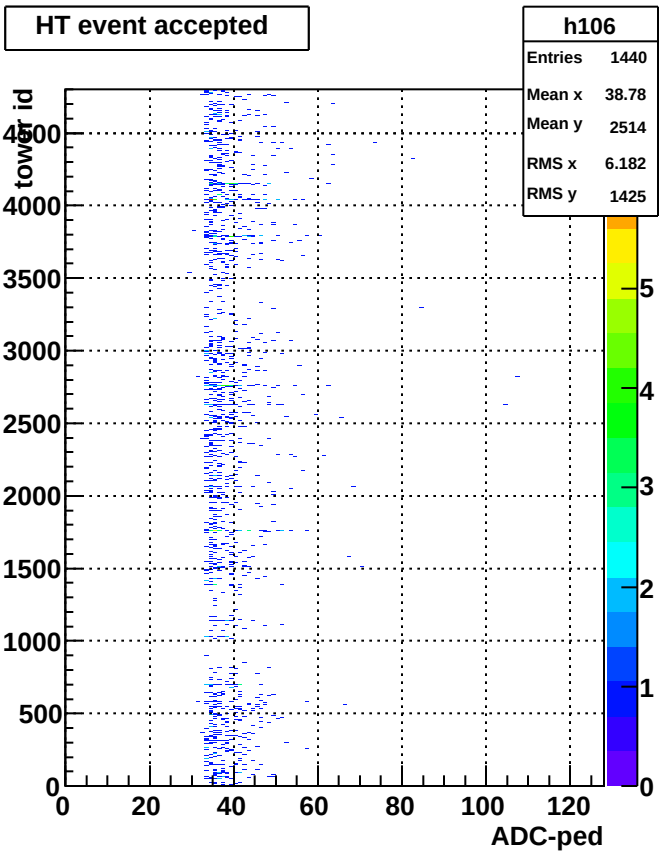

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 20.89
Mean y 62.32
RMS x 10.94
RMS y 35.62
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

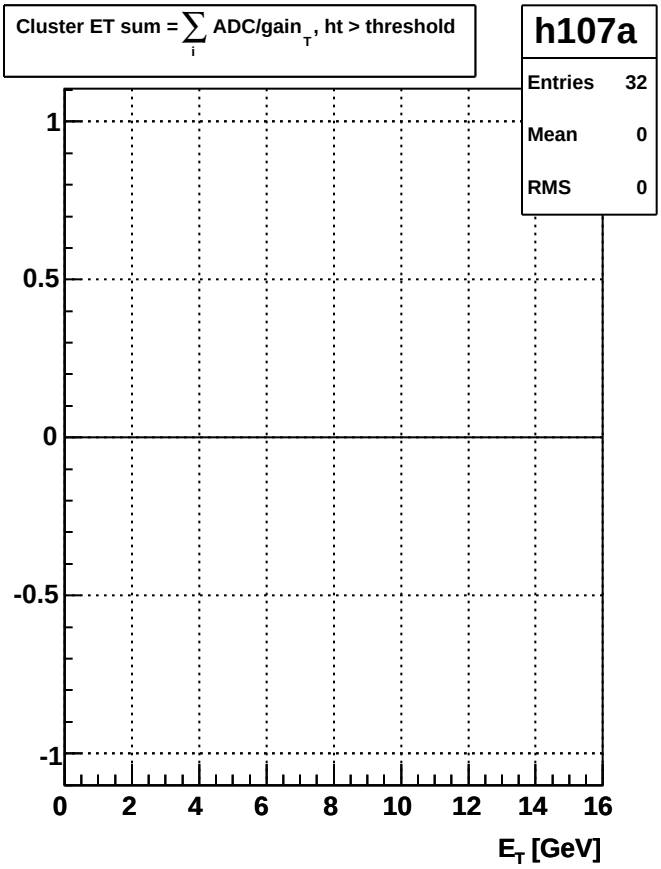

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 20.89
Mean y 62.32
RMS x 10.94
RMS y 35.62
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

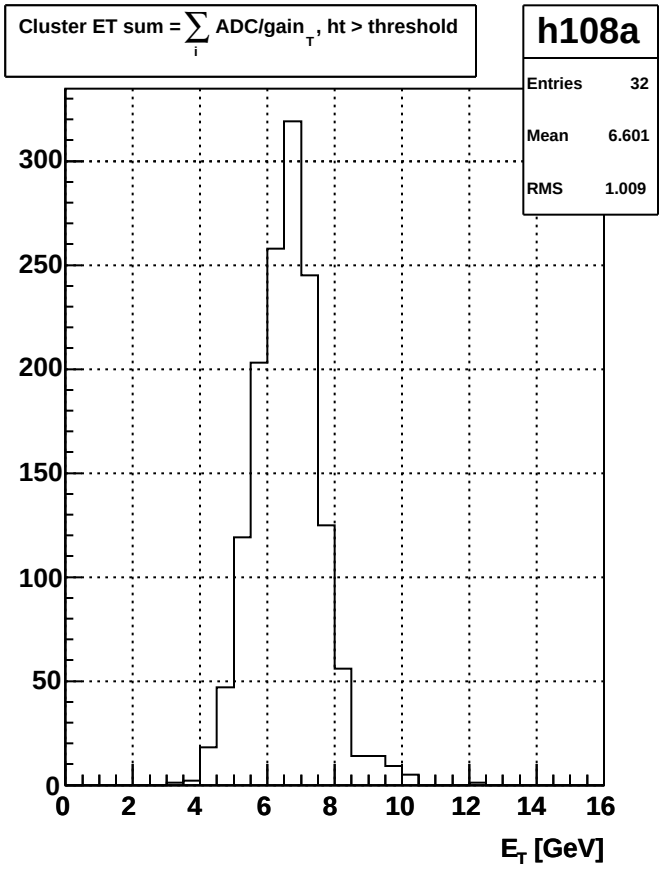

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

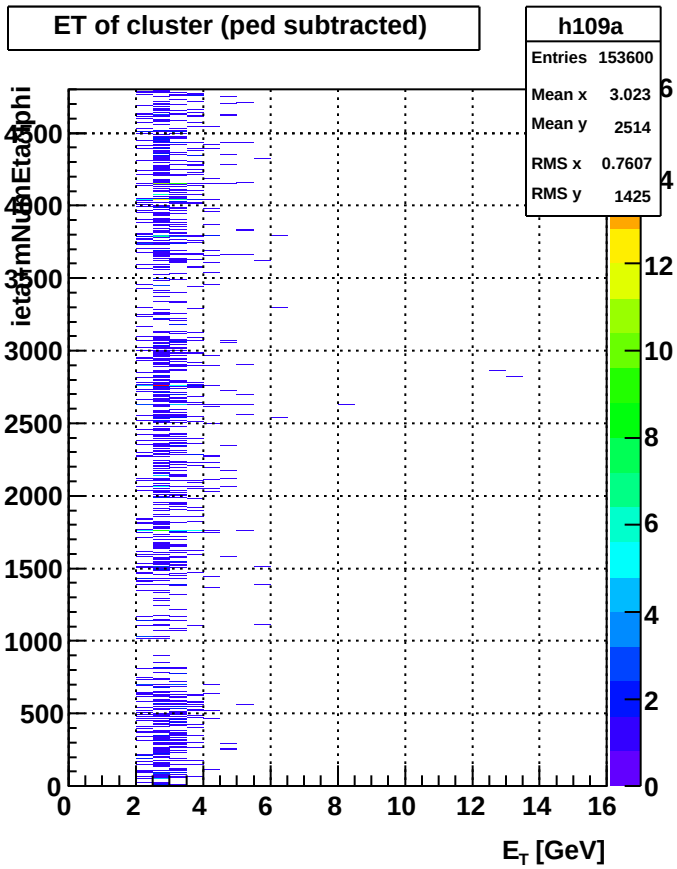

Raw ADC of ht, ht > threshold
h104
Entries 1440
Mean 223.8
RMS 32.25
45
40
35
30
25
20
15
10
5
0
0
200
400
600
800
1000
ADC

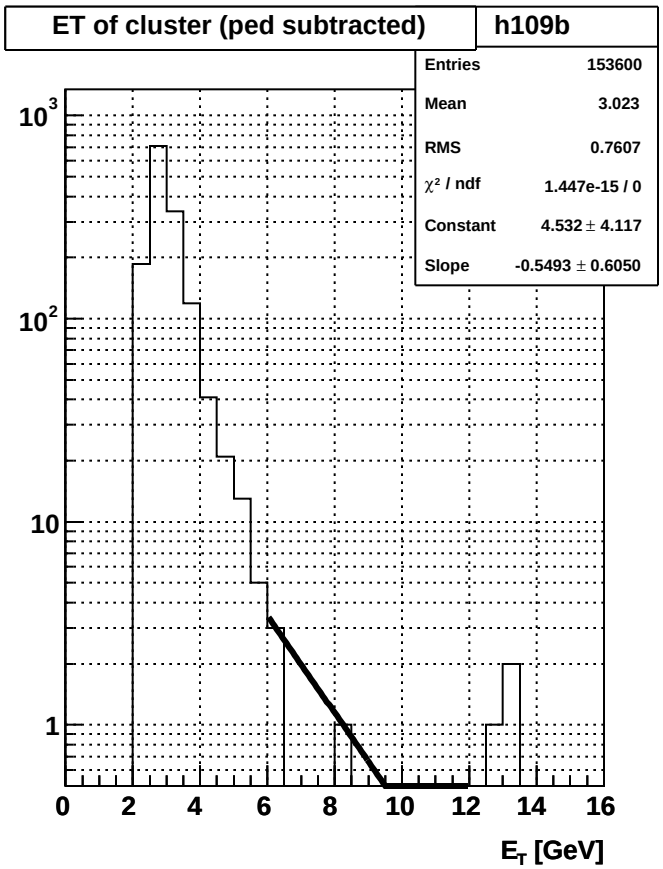

Raw ADC of ht, cluster > threshold
h105
Entries 1440
Mean 223.8
RMS 32.25
45
40
35
30
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 1440
Mean x 38.78
Mean y 2514
RMS x 6.182
RMS y 1425
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
ADC-ped
5
4
3
2
1
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 6.601
RMS 1.009
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 3.023
Mean y 2514
RMS x 0.7607
RMS y 1425
ietaTimNumEtaPhi
E_T [GeV]


ET of cluster (ped subtracted)
h109b
Entries 153600
Mean 3.023
RMS 0.7607
χ^2 / ndf 1.447e-15 / 0
Constant 4.532 ± 4.117
Slope -0.5493 ± 0.6050
E_T [GeV]