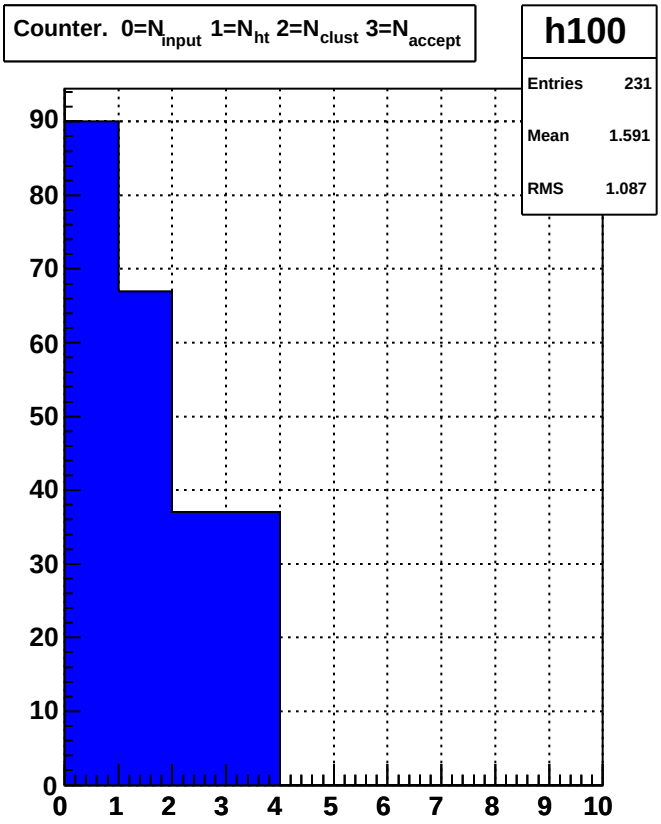
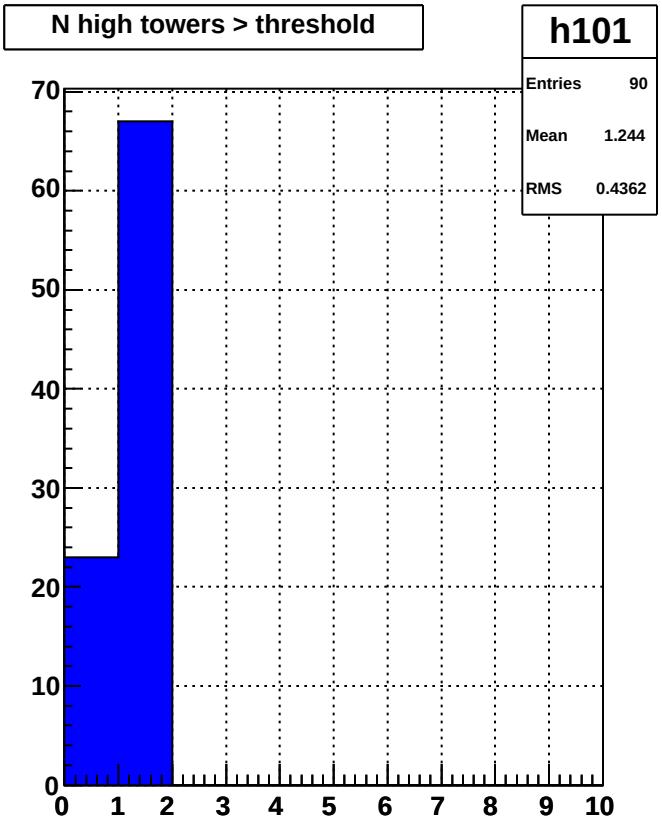
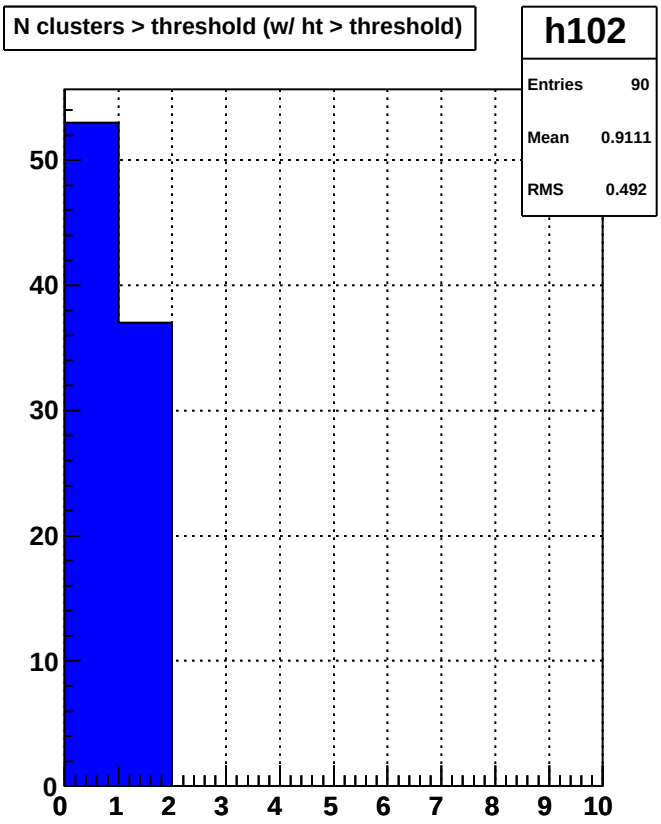
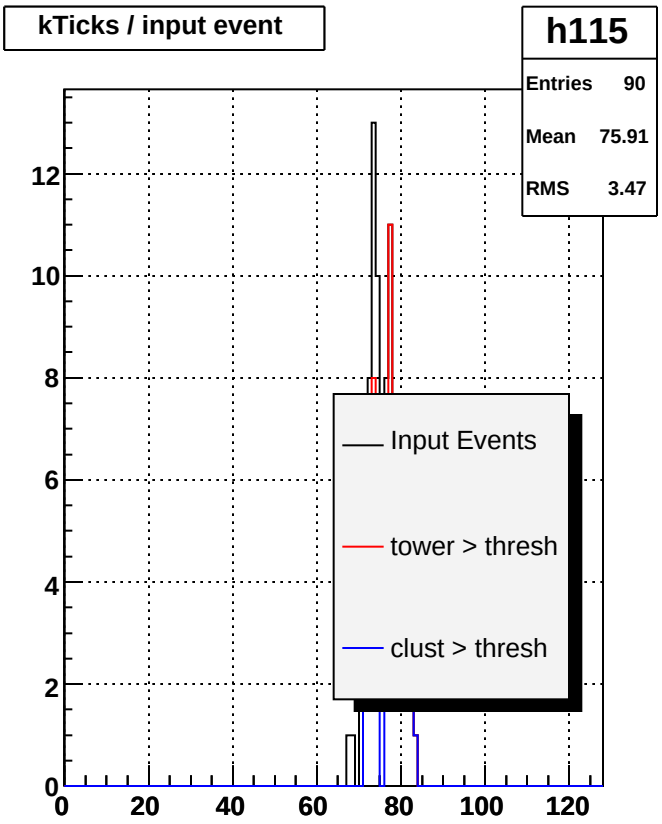
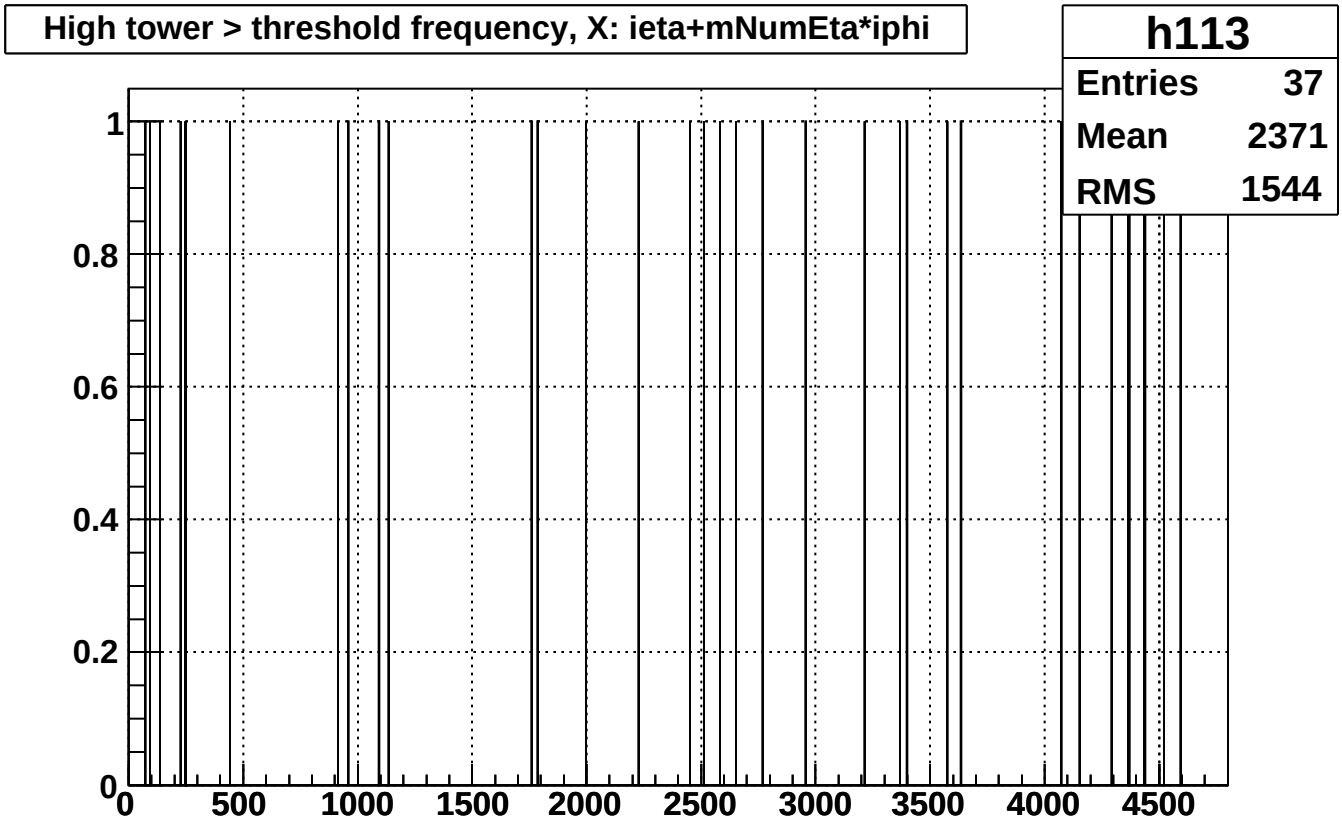
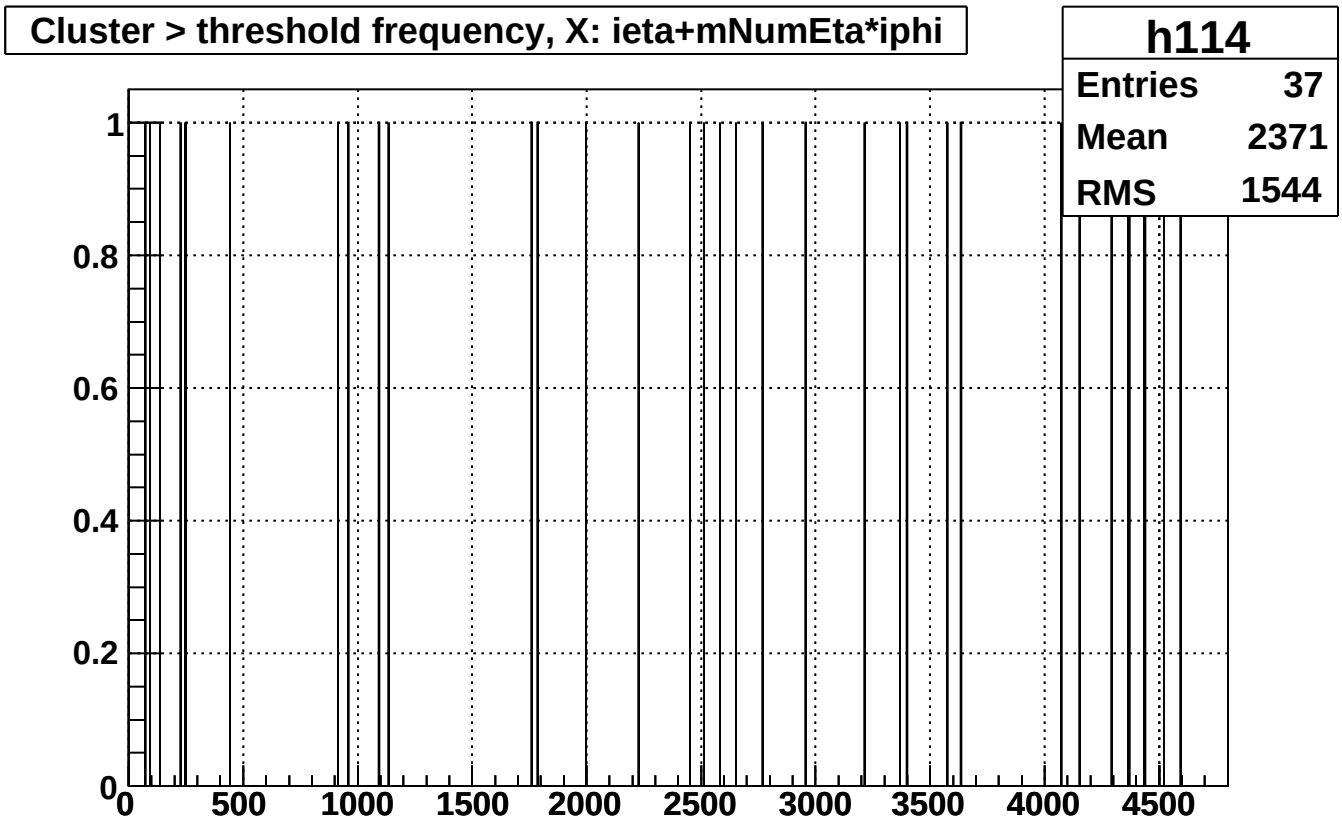

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 231
Mean 1.591
RMS 1.087

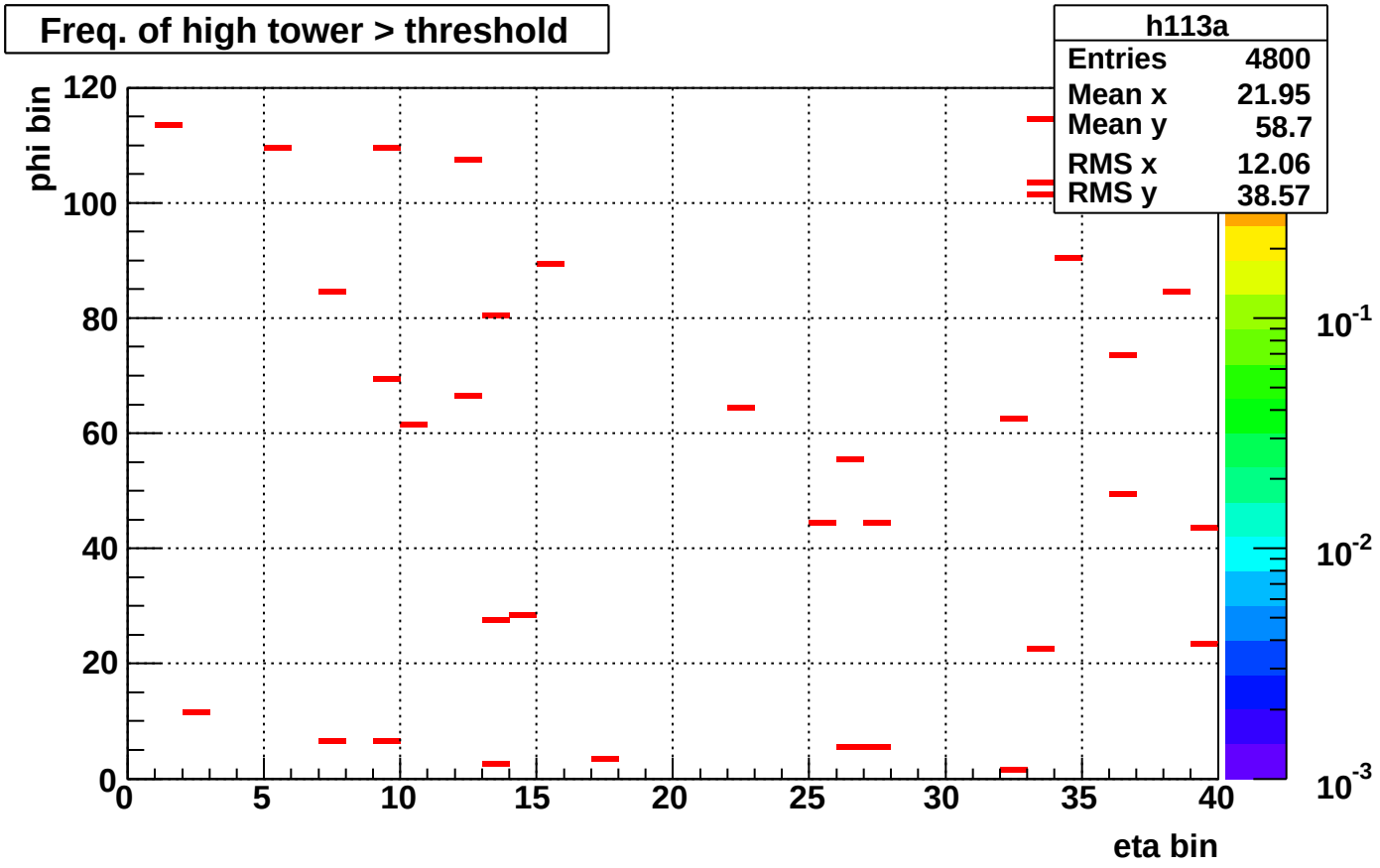

N high towers > threshold
h101
Entries 90
Mean 1.244
RMS 0.4362

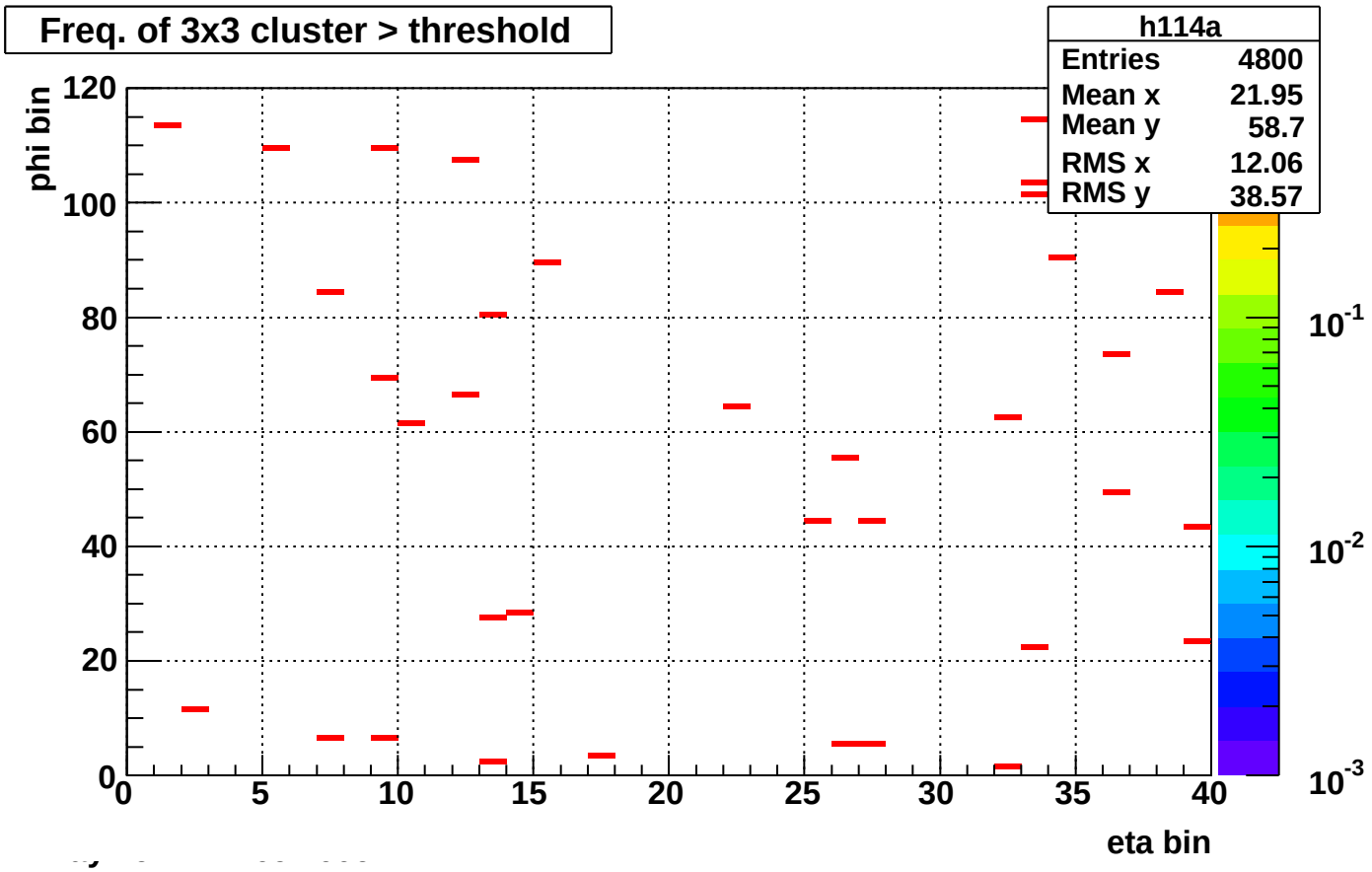

N clusters > threshold (w/ ht > threshold)
h102
Entries 90
Mean 0.9111
RMS 0.492

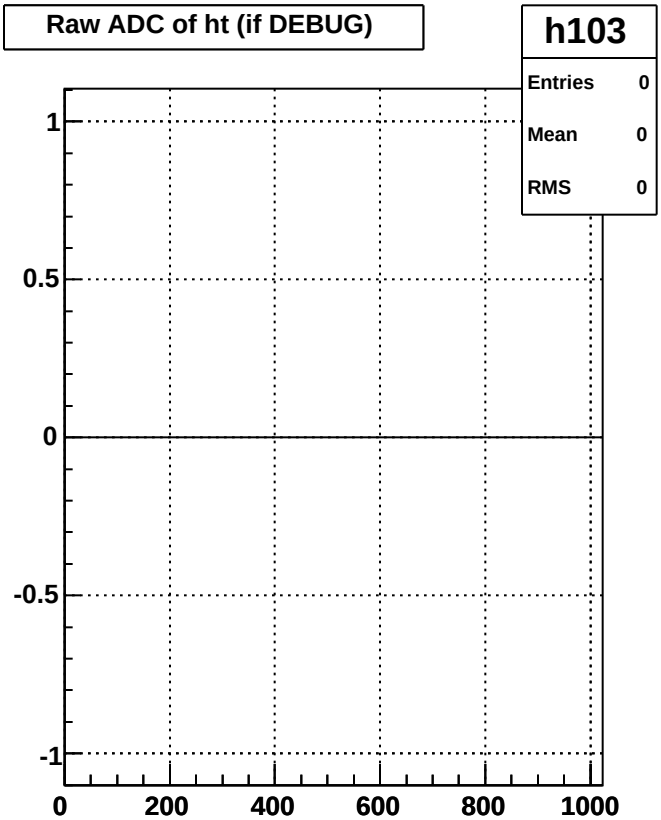

kTicks / input event
h115
Entries 90
Mean 75.91
RMS 3.47
Input Events
tower > thresh
clust > thresh

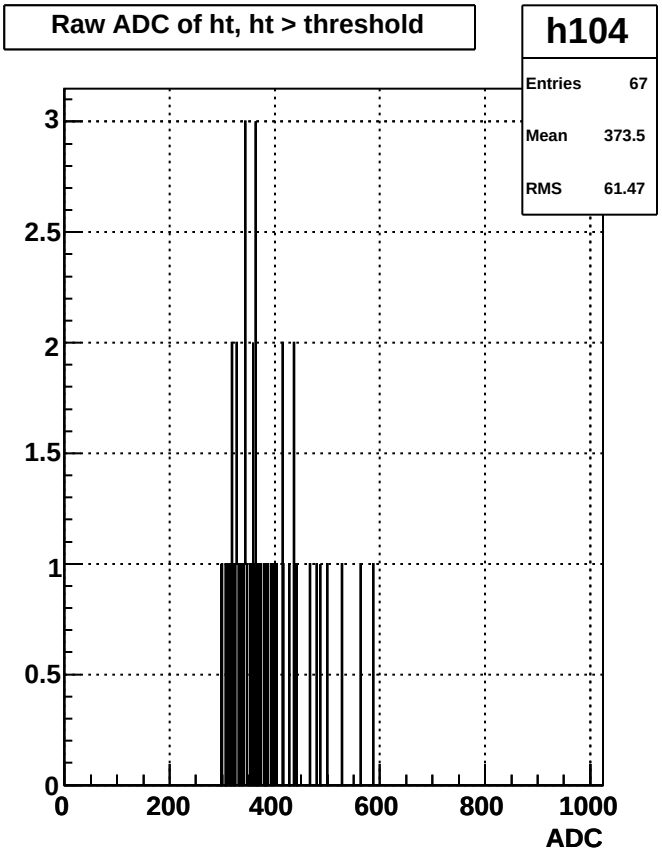

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 37
Mean 2371
RMS 1544
1
0.8
0.6
0.4
0.2
0
0
500
1000
1500
2000
2500
3000
3500
4000
4500

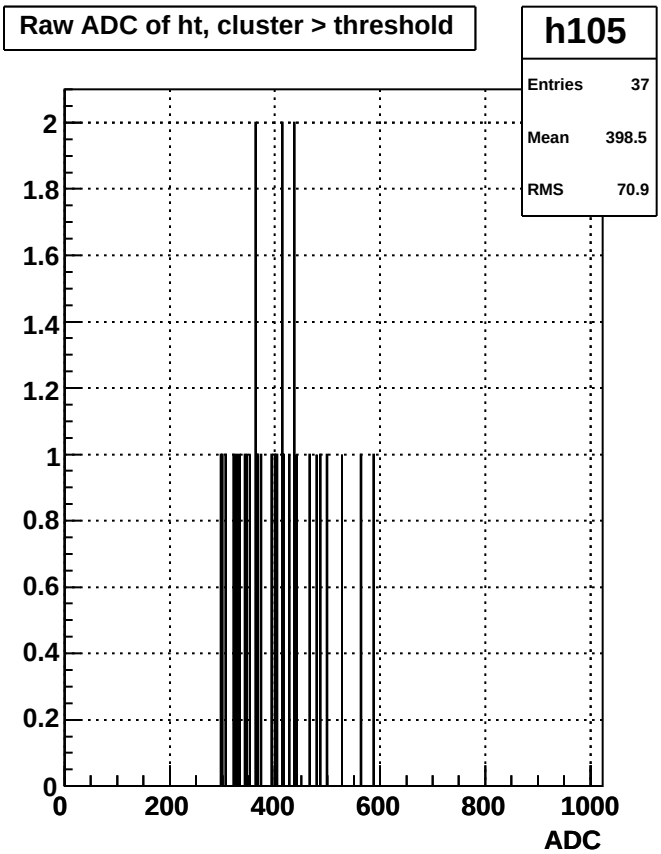

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 37
Mean 2371
RMS 1544
1
0.8
0.6
0.4
0.2
0
0
500
1000
1500
2000
2500
3000
3500
4000
4500

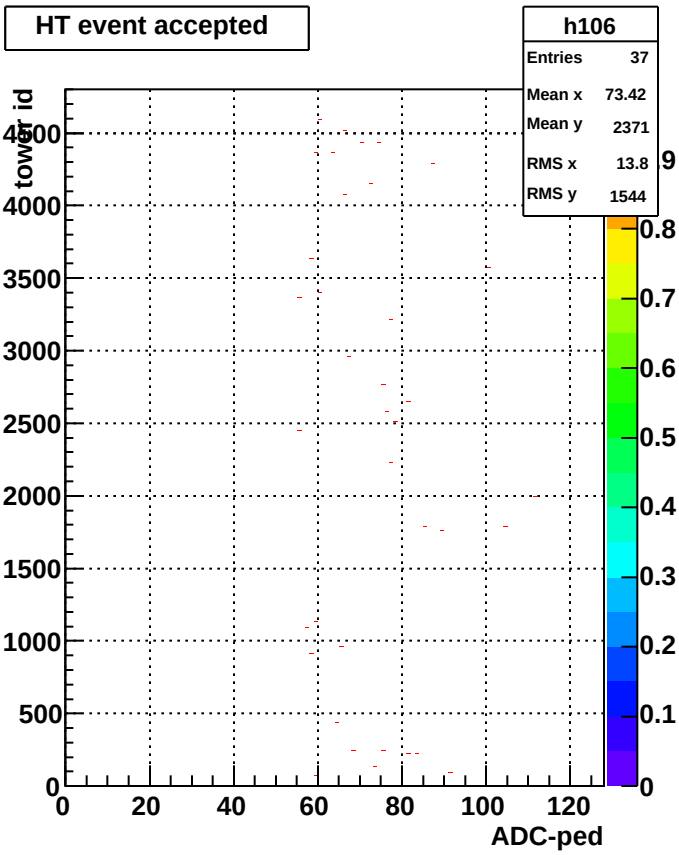

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 21.95
Mean y 58.7
RMS x 12.06
RMS y 38.57
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
10^{-1}
10^{-2}
10^{-3}

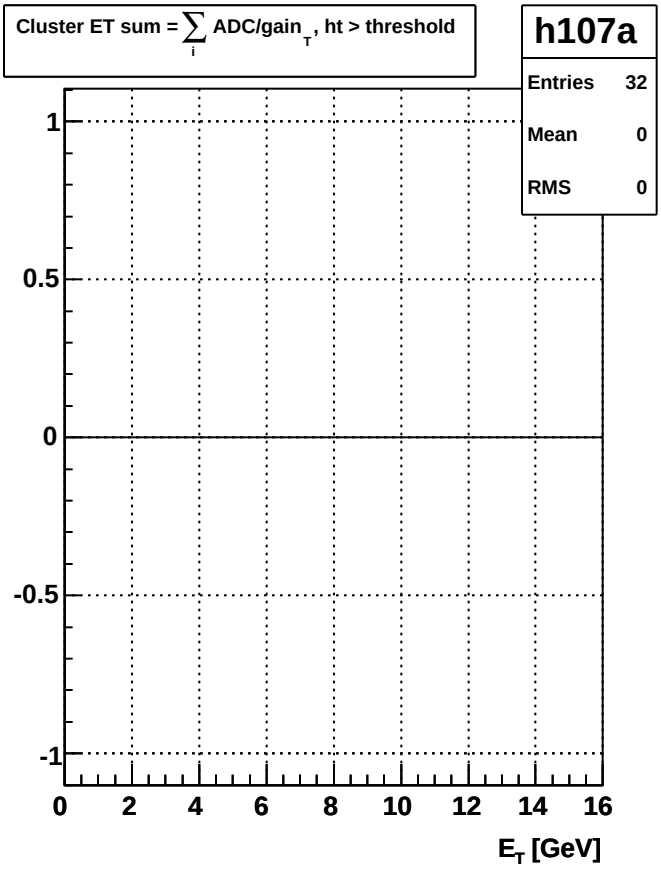

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 21.95
Mean y 58.7
RMS x 12.06
RMS y 38.57
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
10^{-1}
10^{-2}
10^{-3}

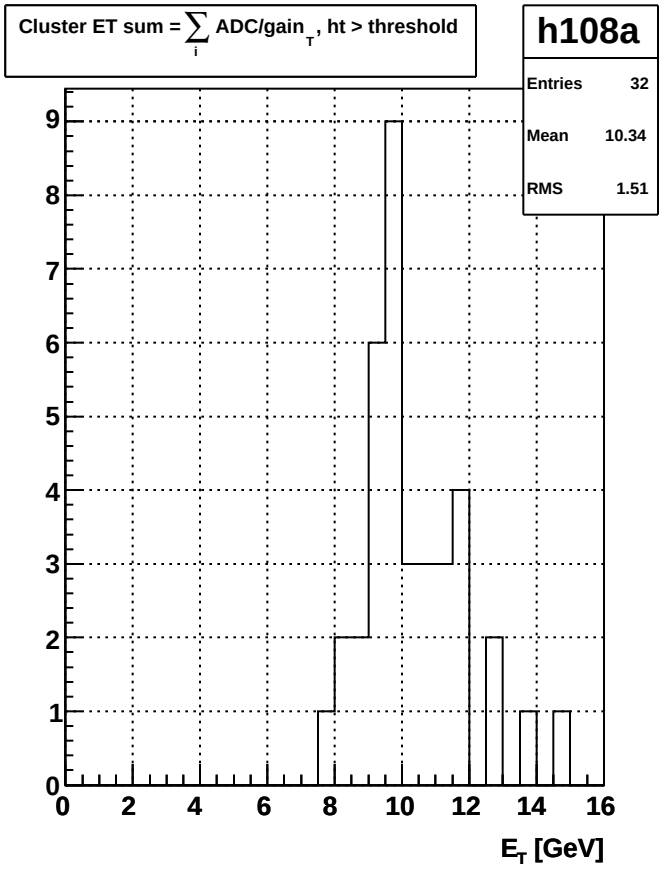

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

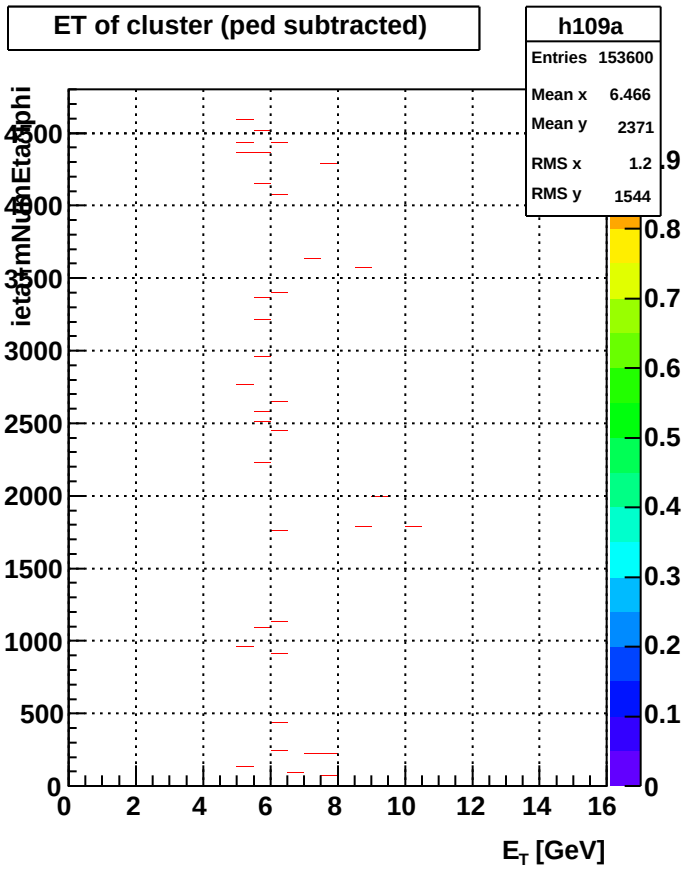

Raw ADC of ht, ht > threshold
h104
Entries 67
Mean 373.5
RMS 61.47
3
2.5
2
1.5
1
0.5
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 37
Mean 398.5
RMS 70.9
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 37
Mean x 73.42
Mean y 2371
RMS x 13.8
RMS y 1544
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
ADC-ped
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
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 10.34
RMS 1.51
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 6.466
Mean y 2371
RMS x 1.2
RMS y 1544
ietaTimNumEtaPhi
E_T [GeV]