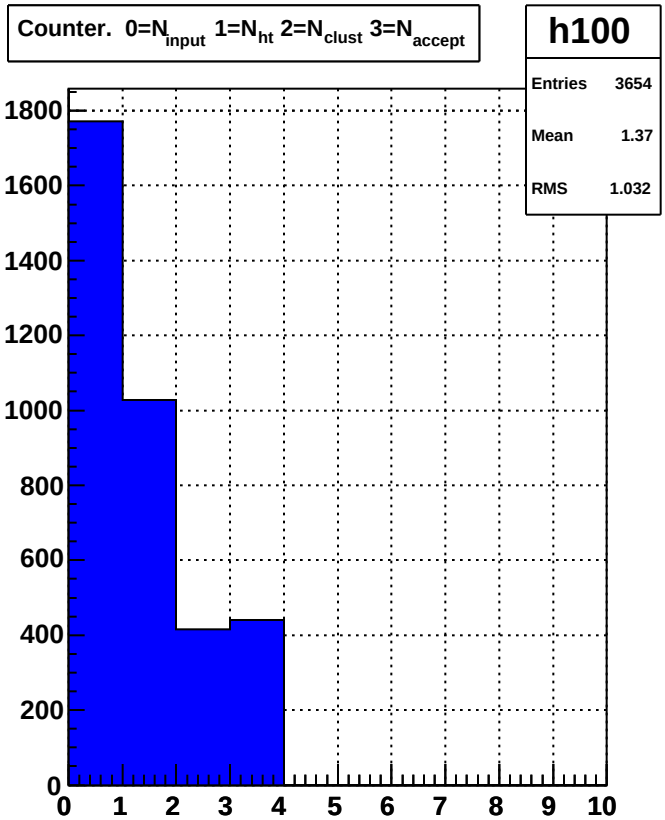
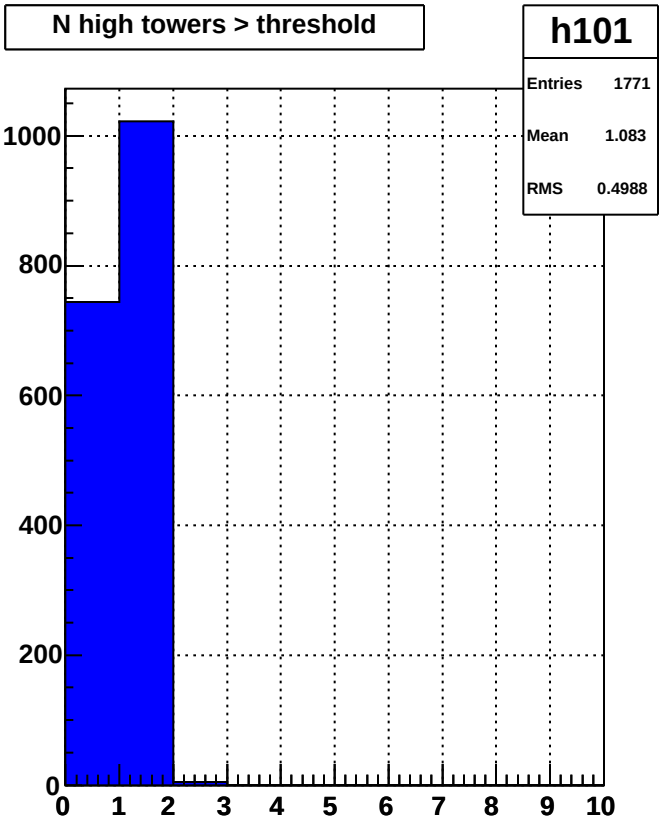
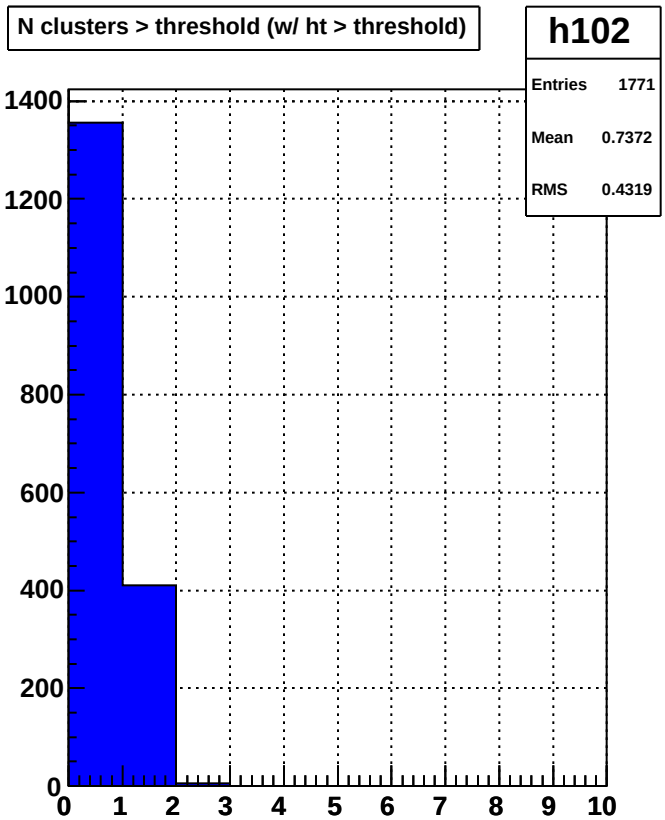
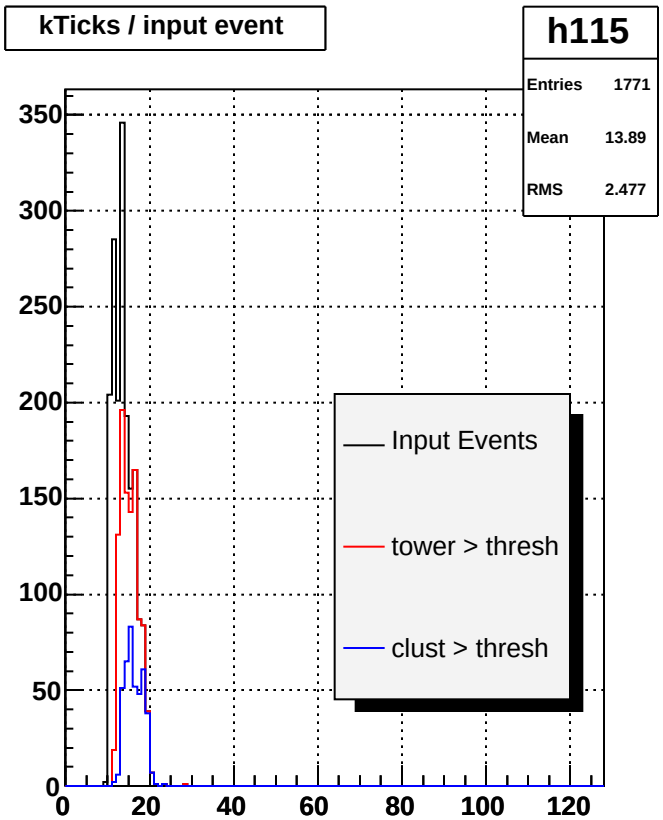
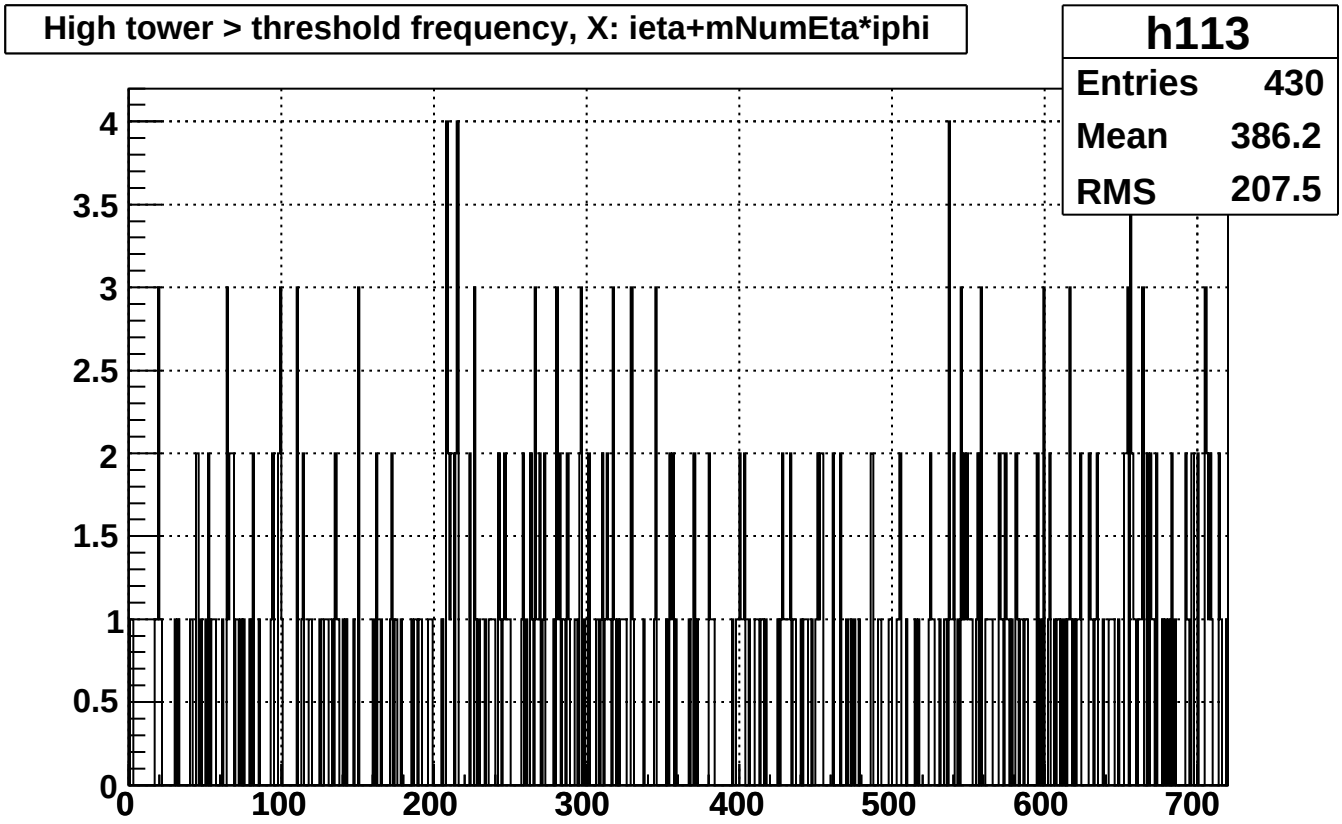
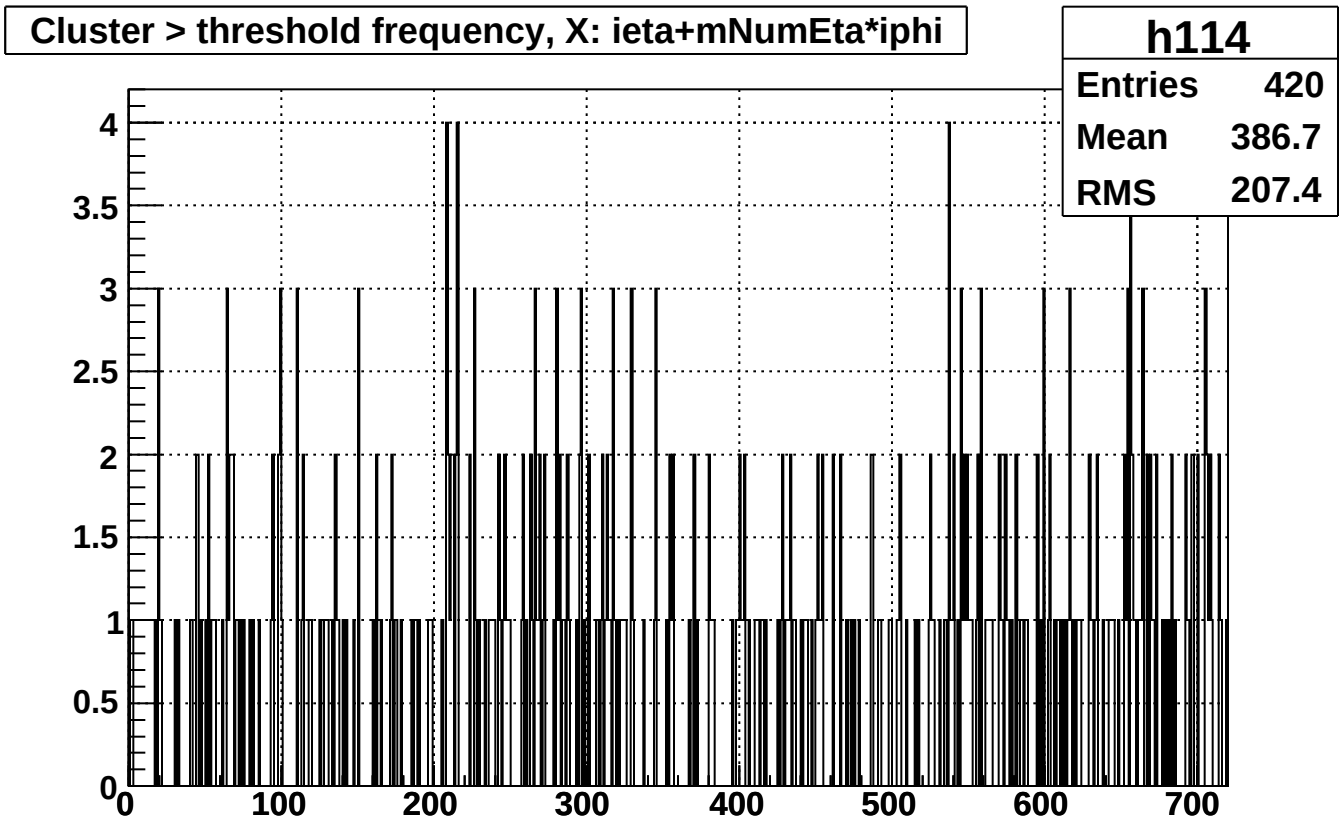

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 3654
Mean 1.37
RMS 1.032

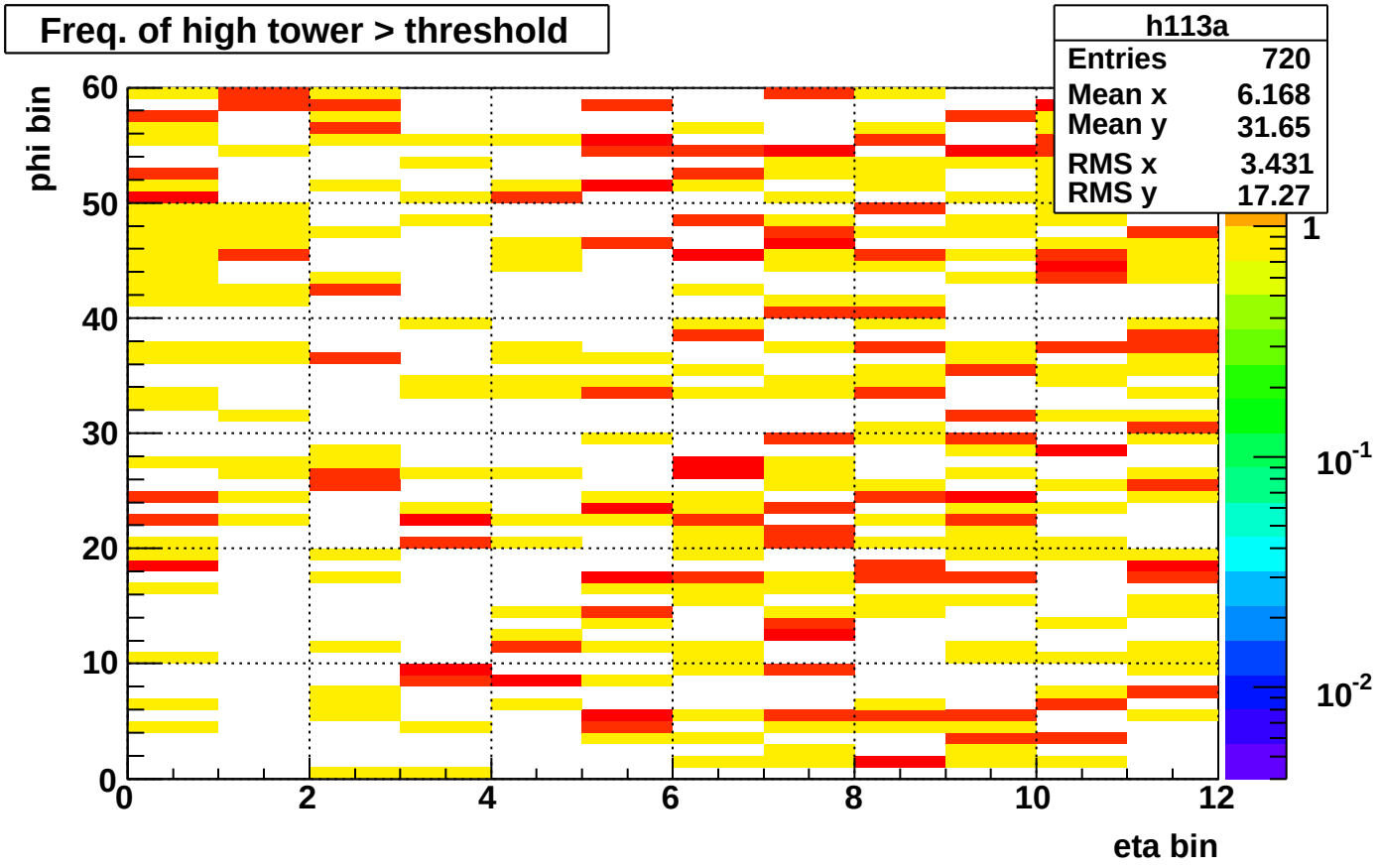

N high towers > threshold
h101
Entries 1771
Mean 1.083
RMS 0.4988

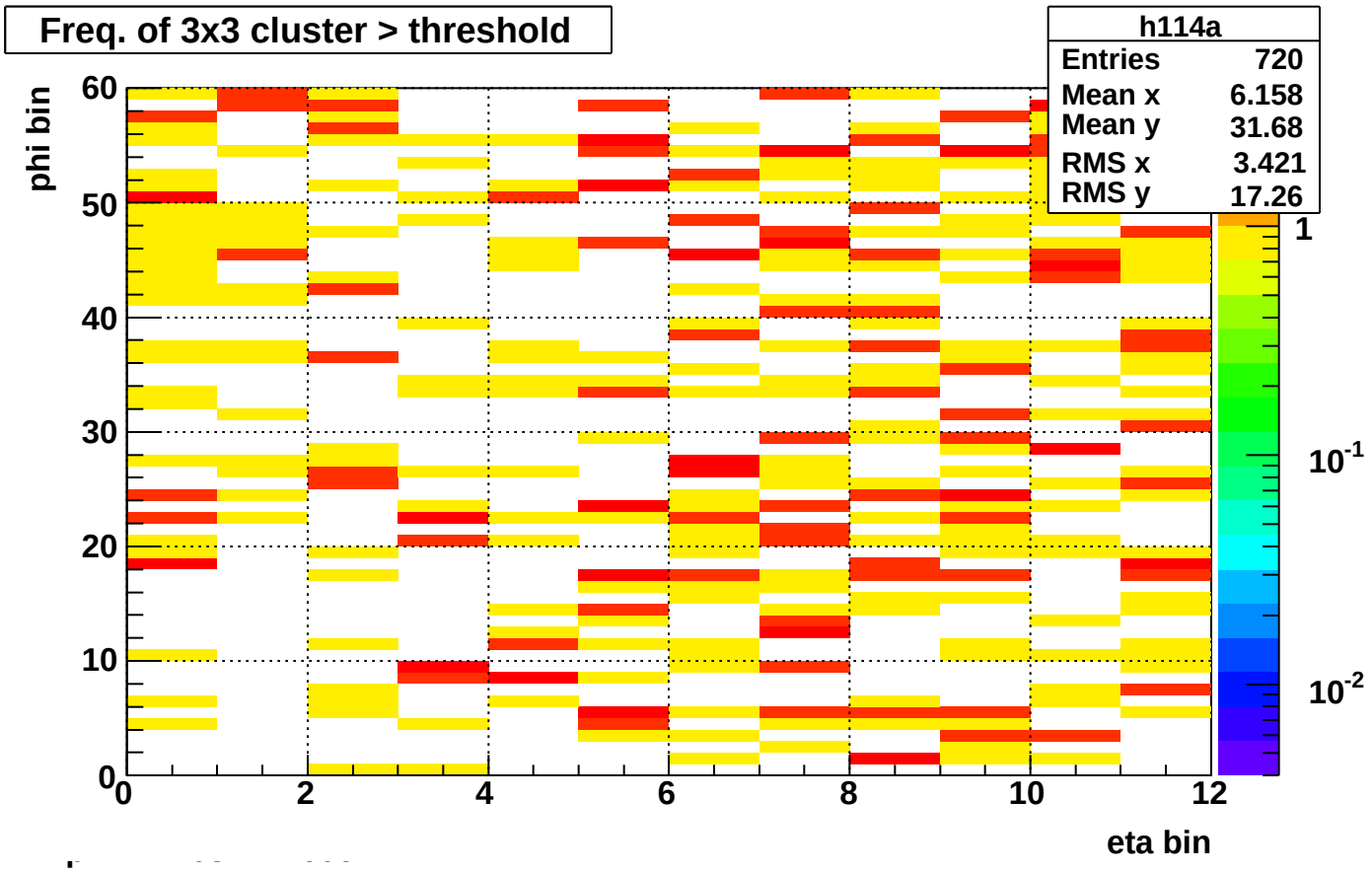

N clusters > threshold (w/ ht > threshold)
h102
Entries 1771
Mean 0.7372
RMS 0.4319

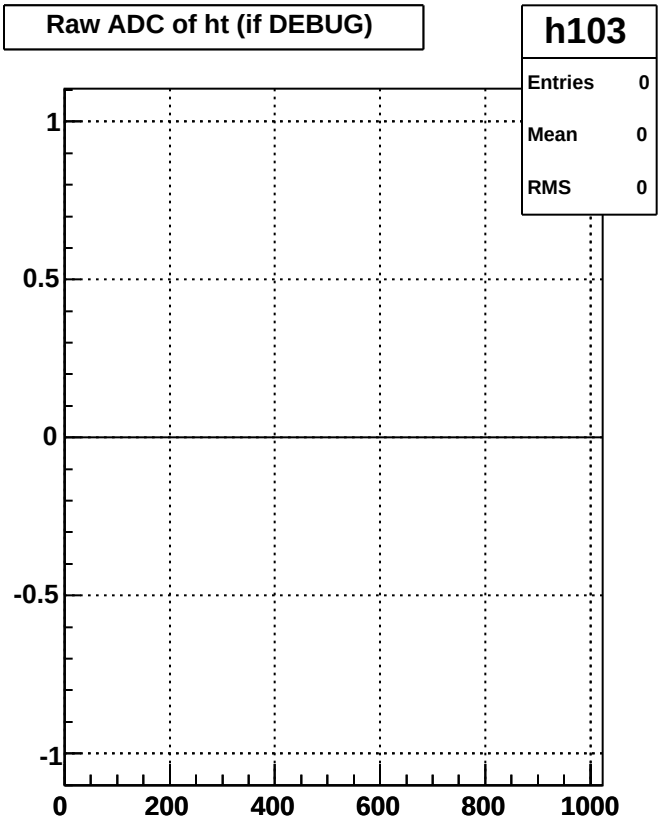

kTicks / input event
h115
Entries 1771
Mean 13.89
RMS 2.477
Input Events
tower > thresh
clust > thresh

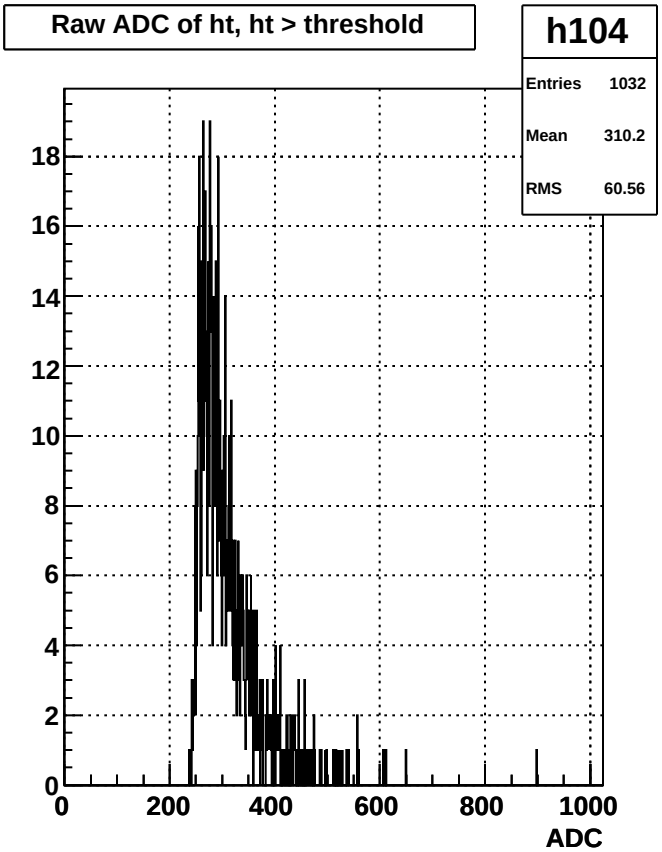

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 430
Mean 386.2
RMS 207.5
0
0.5
1
1.5
2
2.5
3
3.5
4
0
100
200
300
400
500
600
700

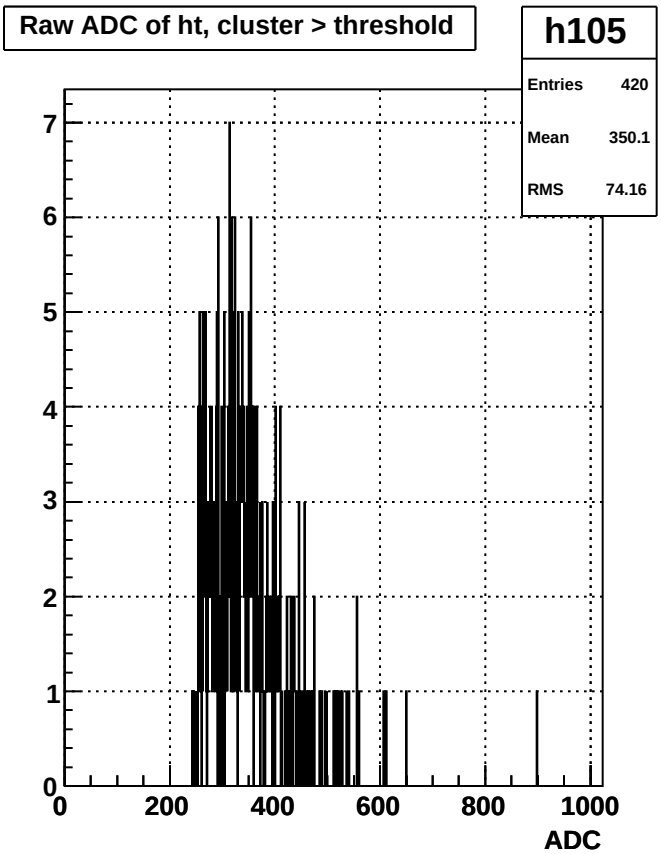

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 420
Mean 386.7
RMS 207.4
0
0.5
1
1.5
2
2.5
3
3.5
4
0
100
200
300
400
500
600
700

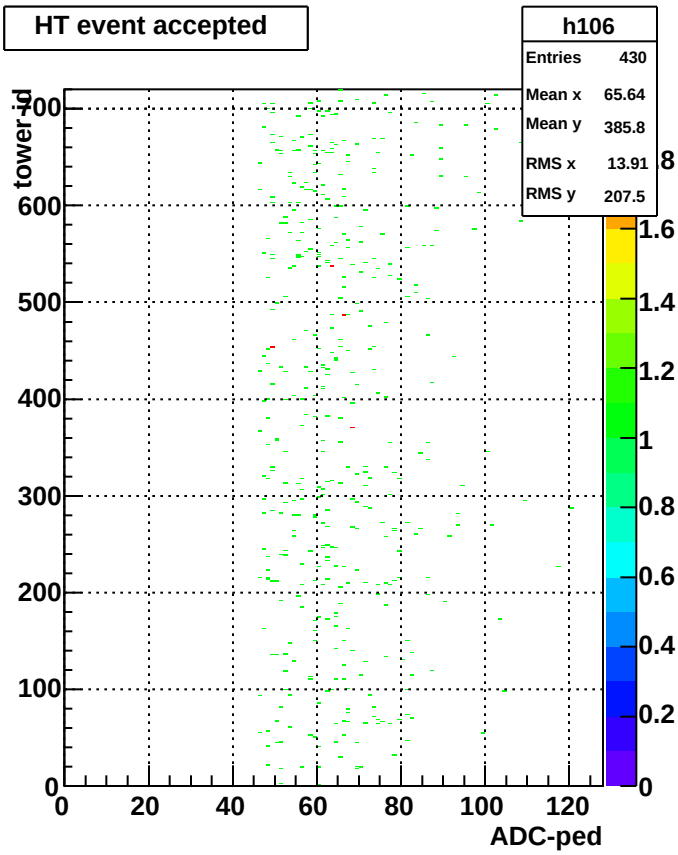

Freq. of high tower > threshold
h113a
Entries 720
Mean x 6.168
Mean y 31.65
RMS x 3.431
RMS y 17.27
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}
10^{-2}

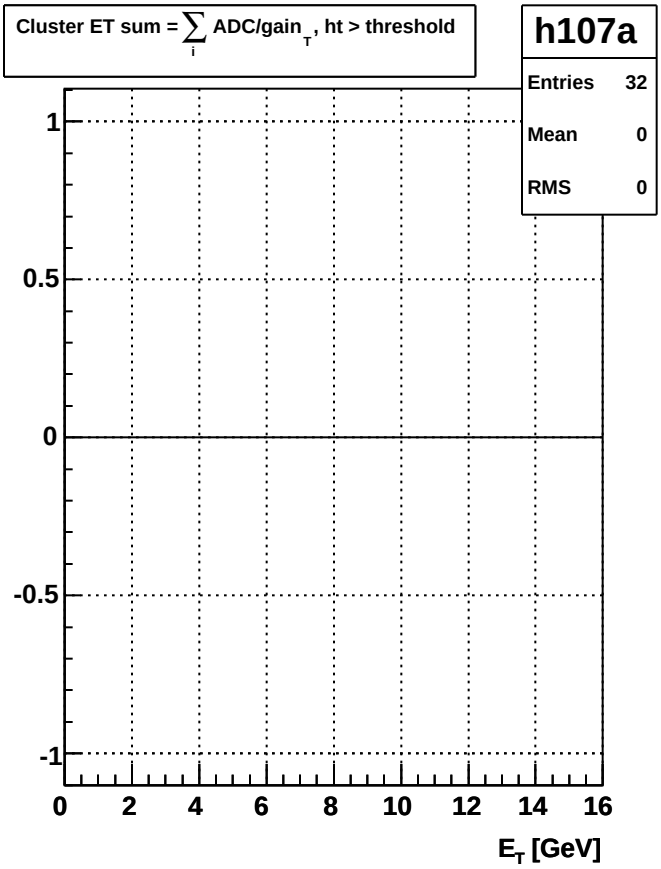

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 6.158
Mean y 31.68
RMS x 3.421
RMS y 17.26
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}
10^{-2}

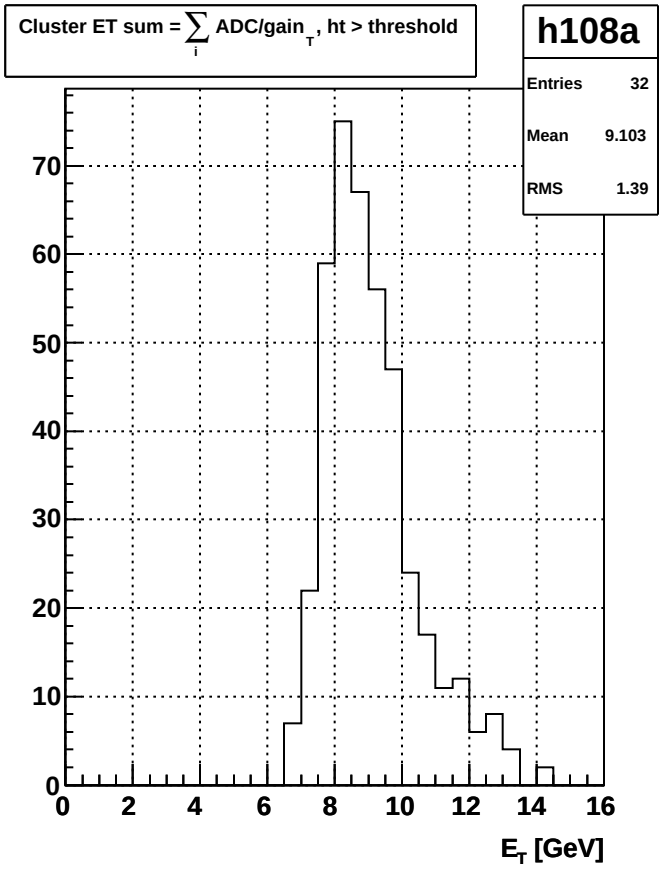

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

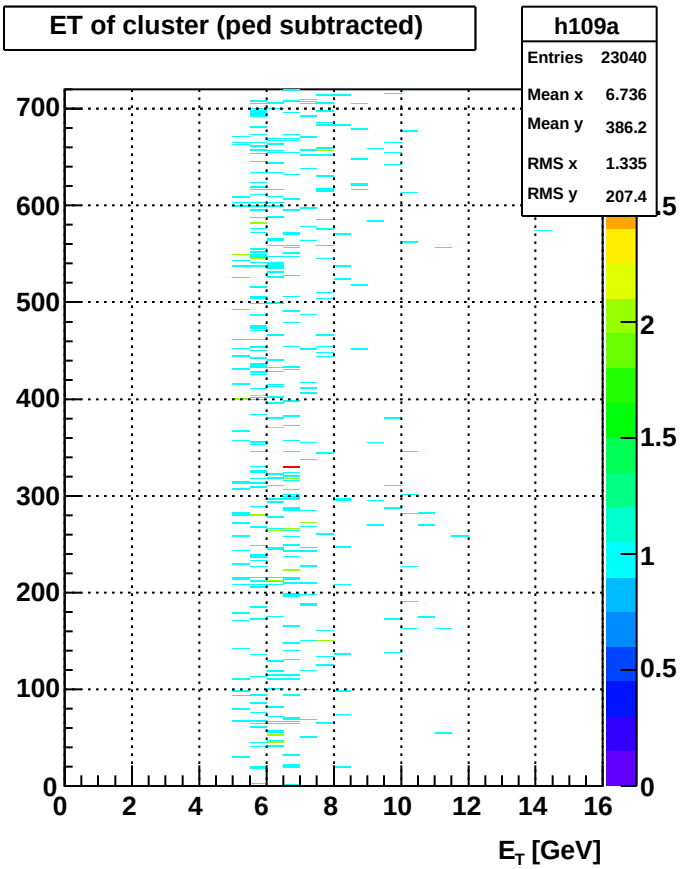

Raw ADC of ht, ht > threshold
h104
Entries 1032
Mean 310.2
RMS 60.56
18
16
14
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 420
Mean 350.1
RMS 74.16
7
6
5
4
3
2
1
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 430
Mean x 65.64
Mean y 385.8
RMS x 13.91
RMS y 207.5
tower id
700
600
500
400
300
200
100
0
0
20
40
60
80
100
120
ADC-ped
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
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 9.103
RMS 1.39
70
60
50
40
30
20
10
0
0 2 4 6 8 10 12 14 16
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.736
Mean y 386.2
RMS x 1.335
RMS y 207.4
700
600
500
400
300
200
100
0
0 2 4 6 8 10 12 14 16
E_T [GeV]
2
1.5
1
0.5
0