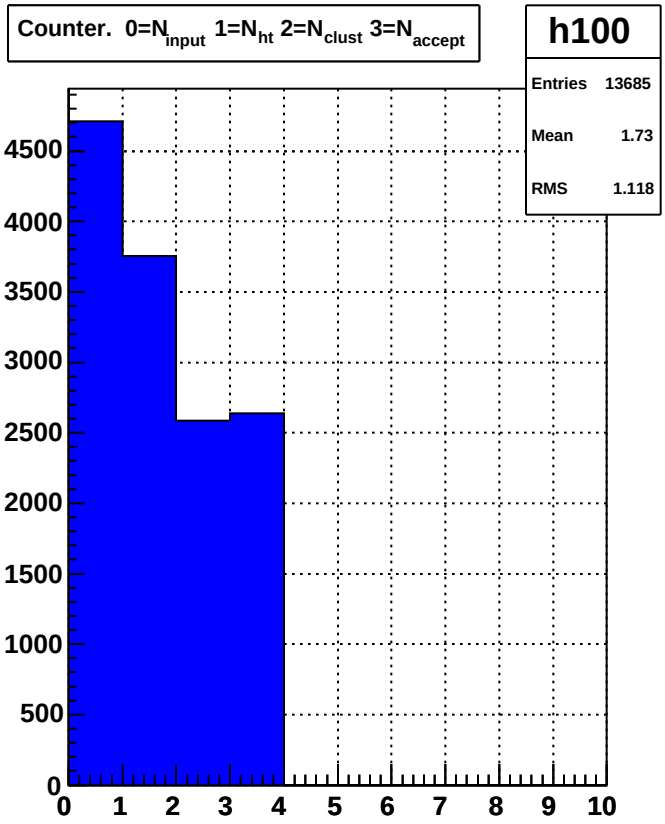
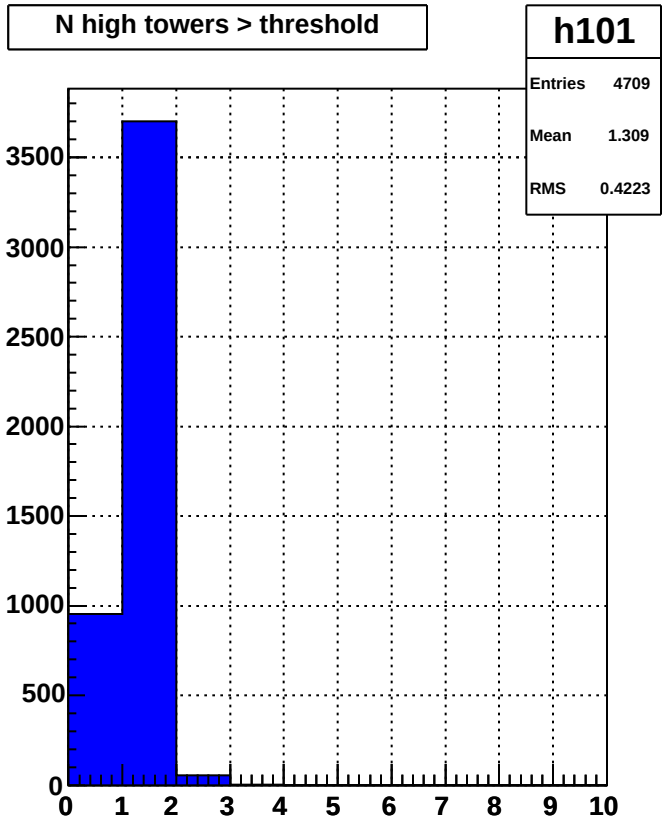
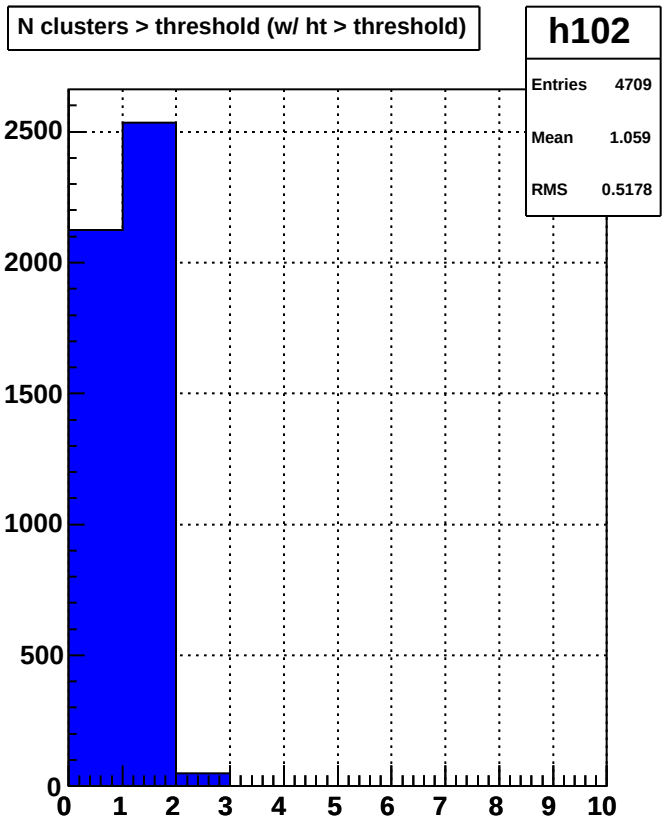
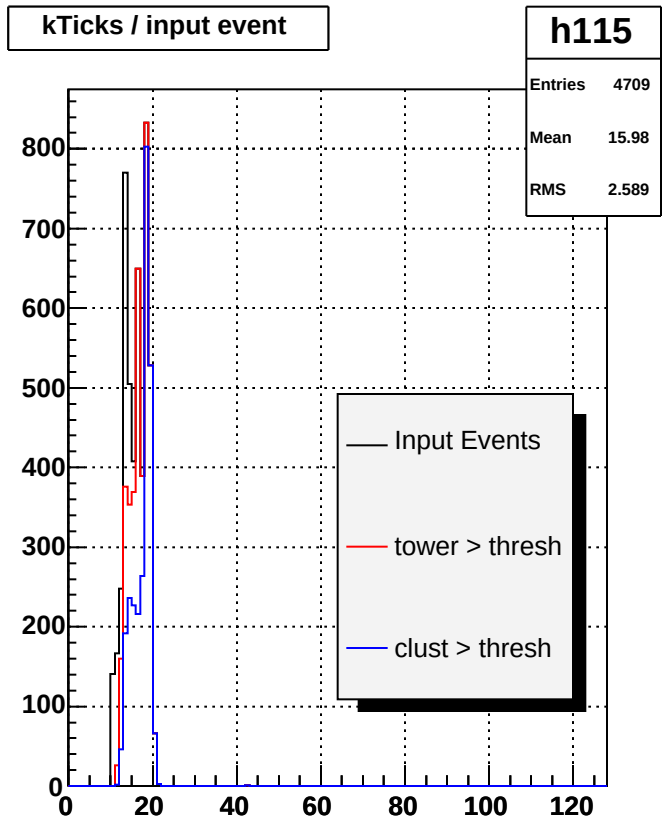
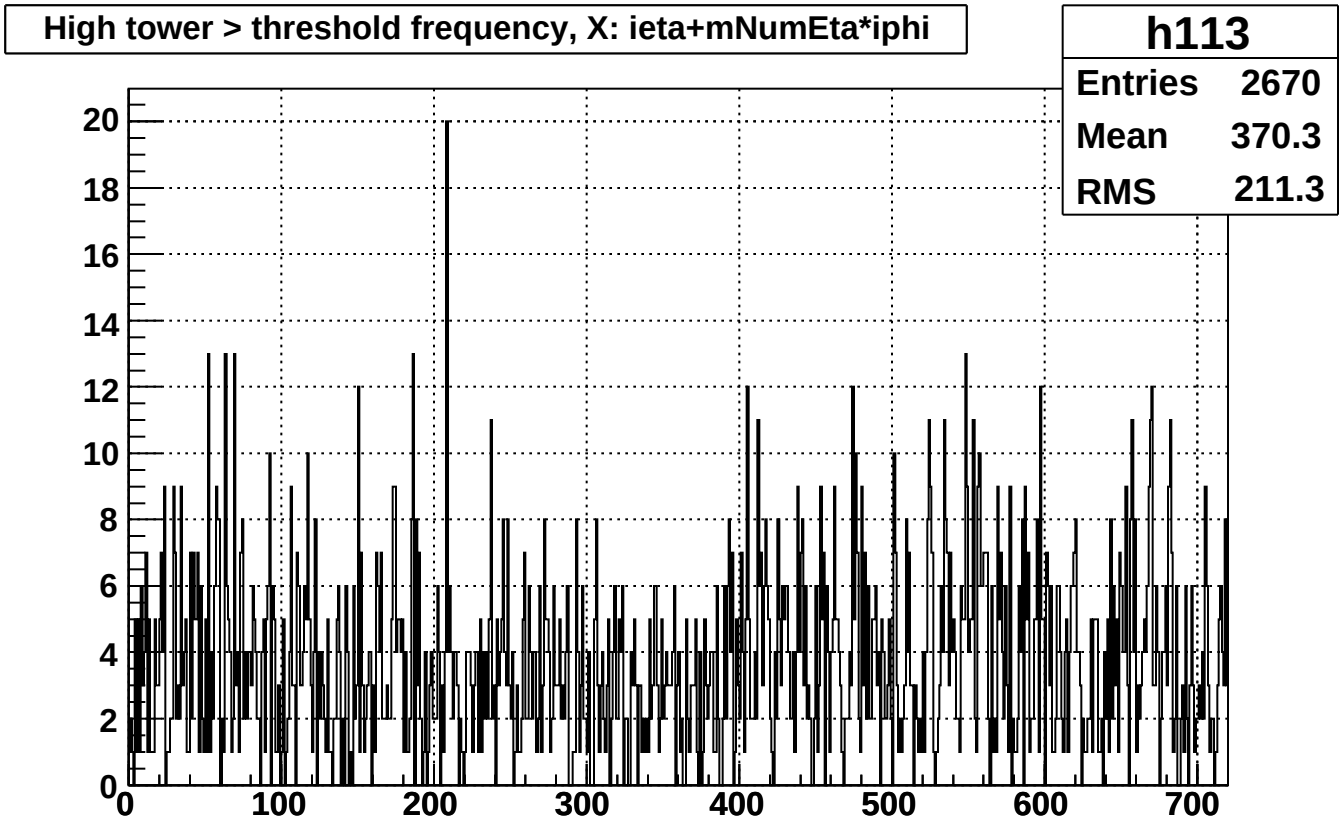
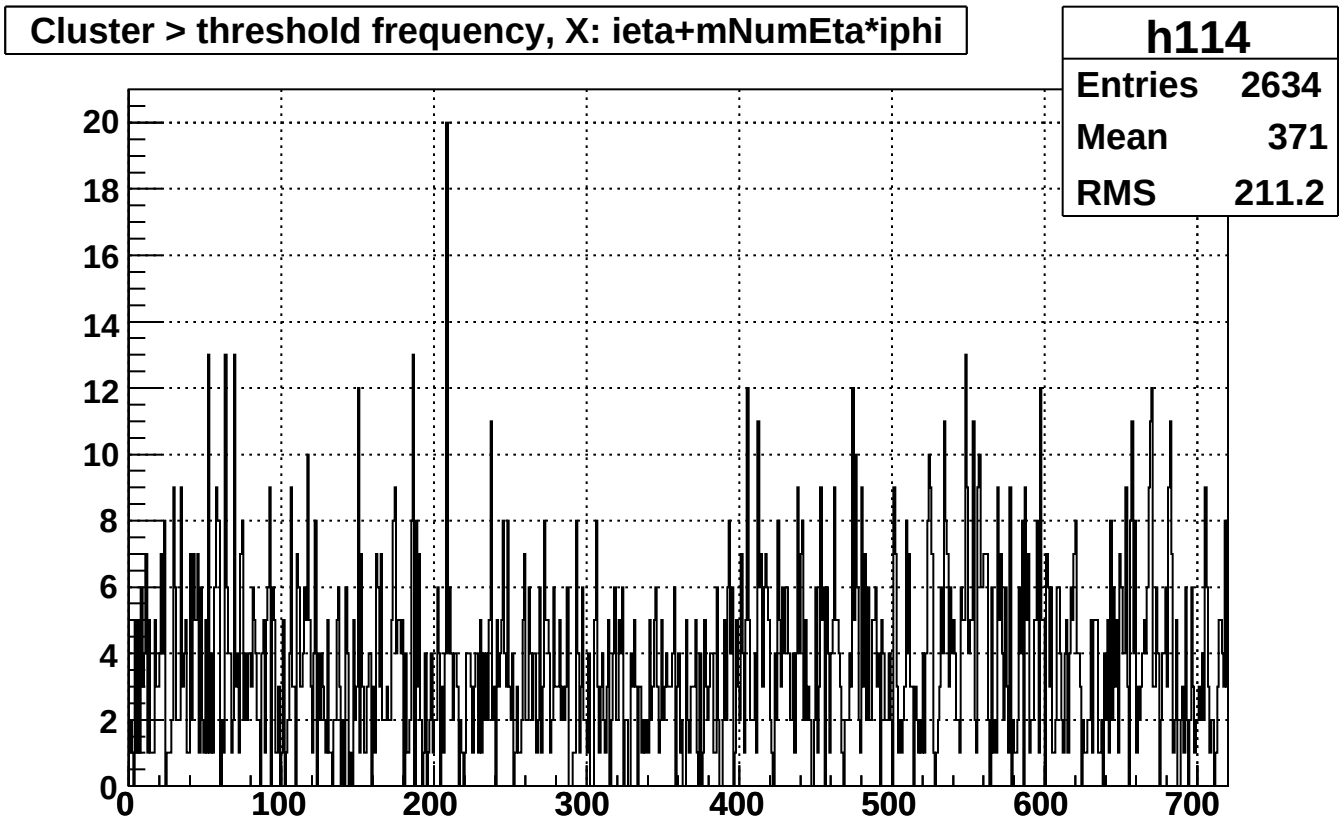

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 13685
Mean 1.73
RMS 1.118

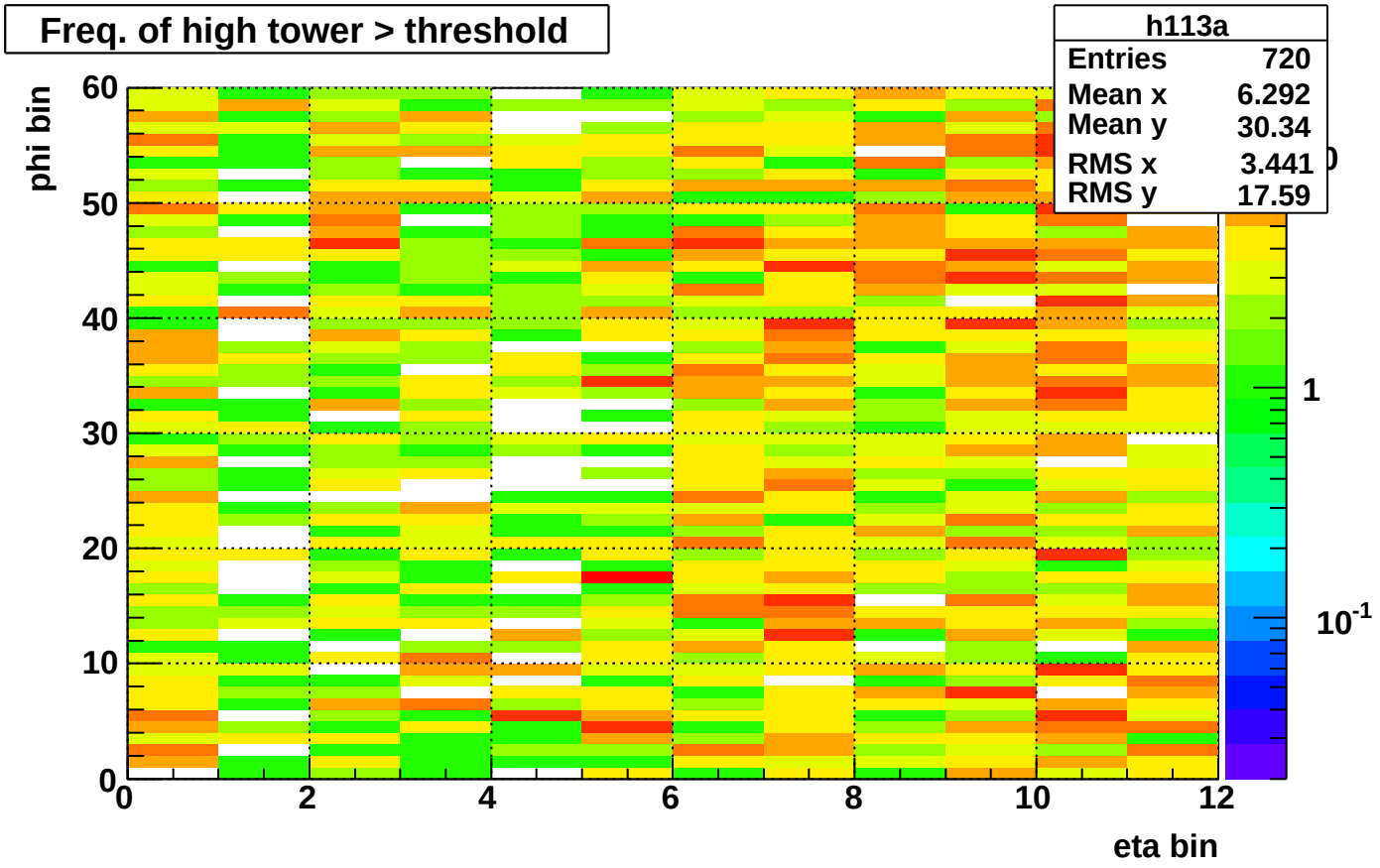

N high towers > threshold
h101
Entries 4709
Mean 1.309
RMS 0.4223

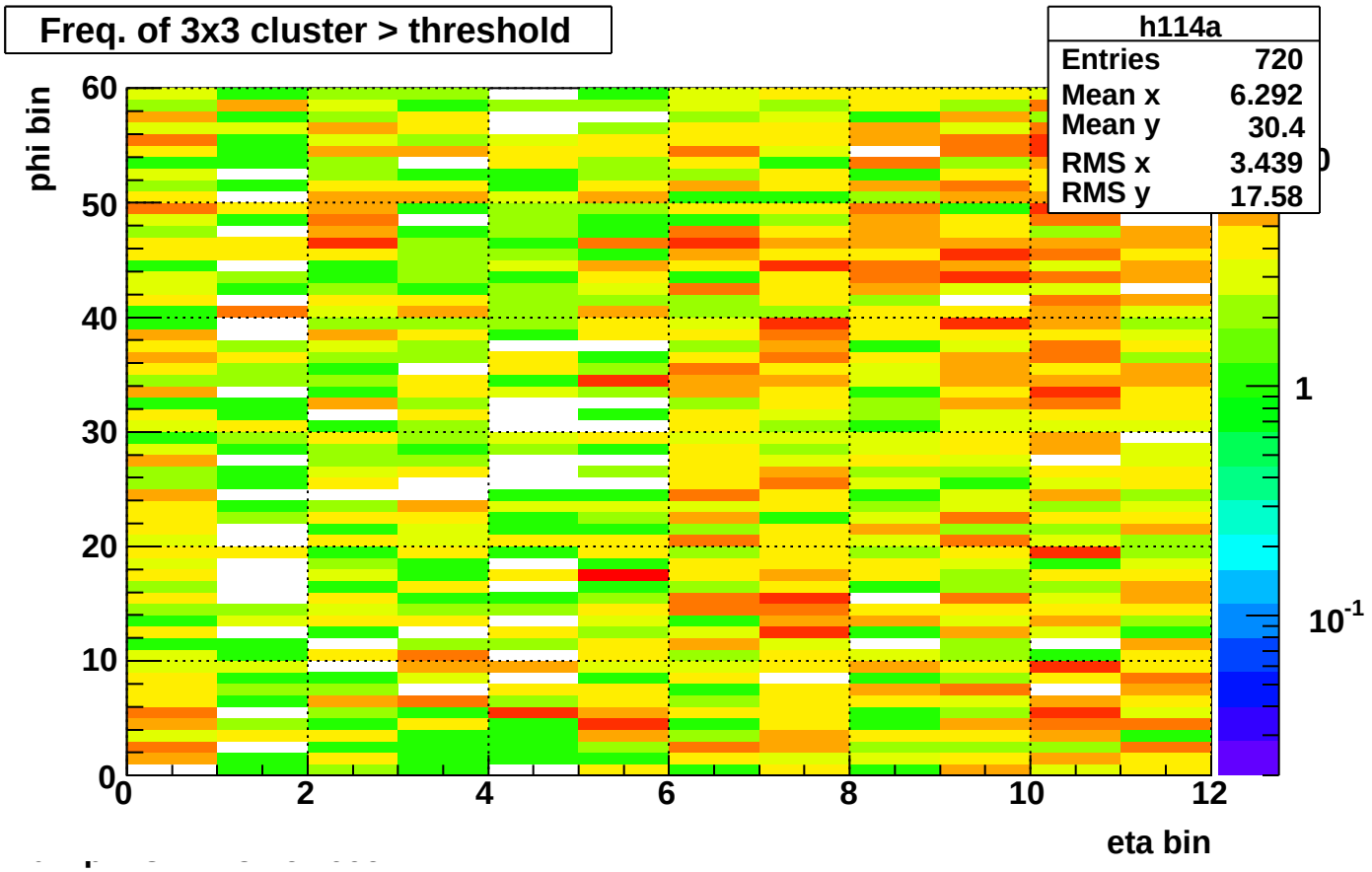

N clusters > threshold (w/ ht > threshold)
h102
Entries 4709
Mean 1.059
RMS 0.5178

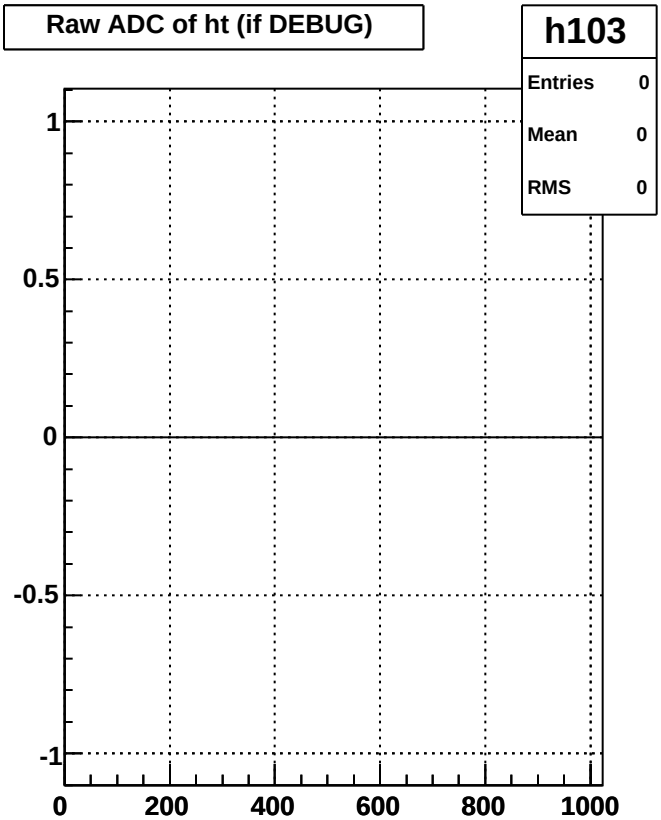

kTicks / input event
h115
Entries 4709
Mean 15.98
RMS 2.589
Input Events
tower > thresh
clust > thresh

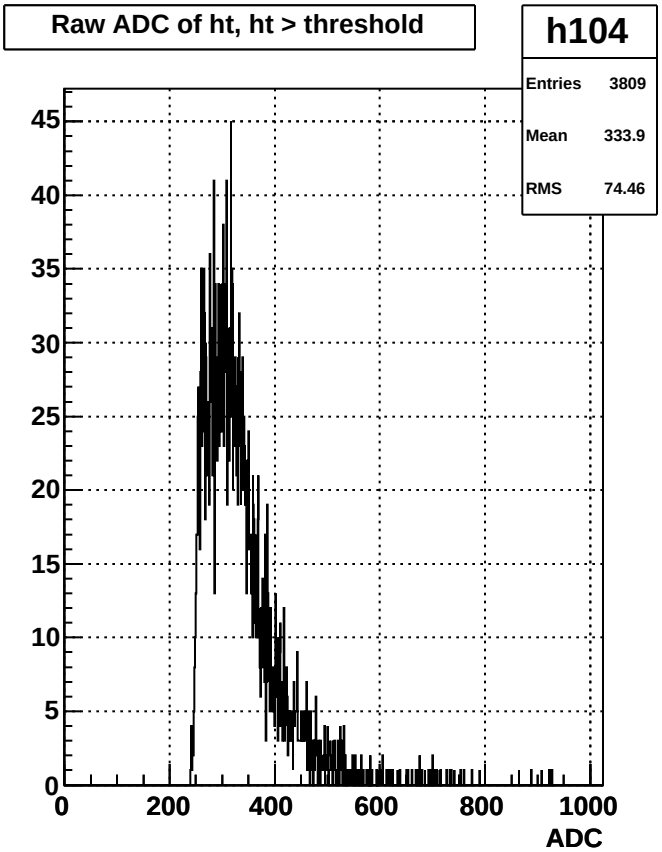

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 2670
Mean 370.3
RMS 211.3
0
2
4
6
8
10
12
14
16
18
20
0
100
200
300
400
500
600
700

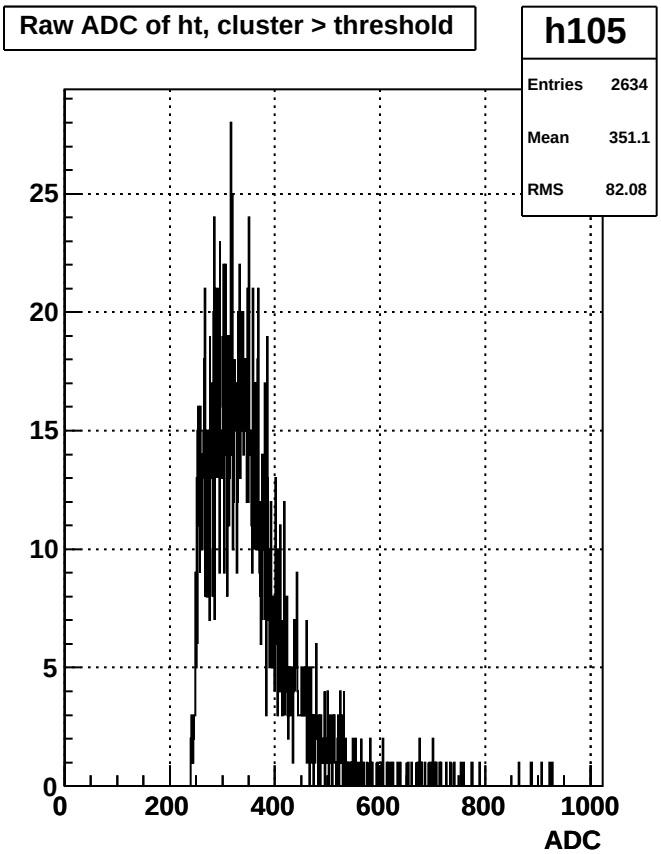

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 2634
Mean 371
RMS 211.2
0
2
4
6
8
10
12
14
16
18
20
0
100
200
300
400
500
600
700

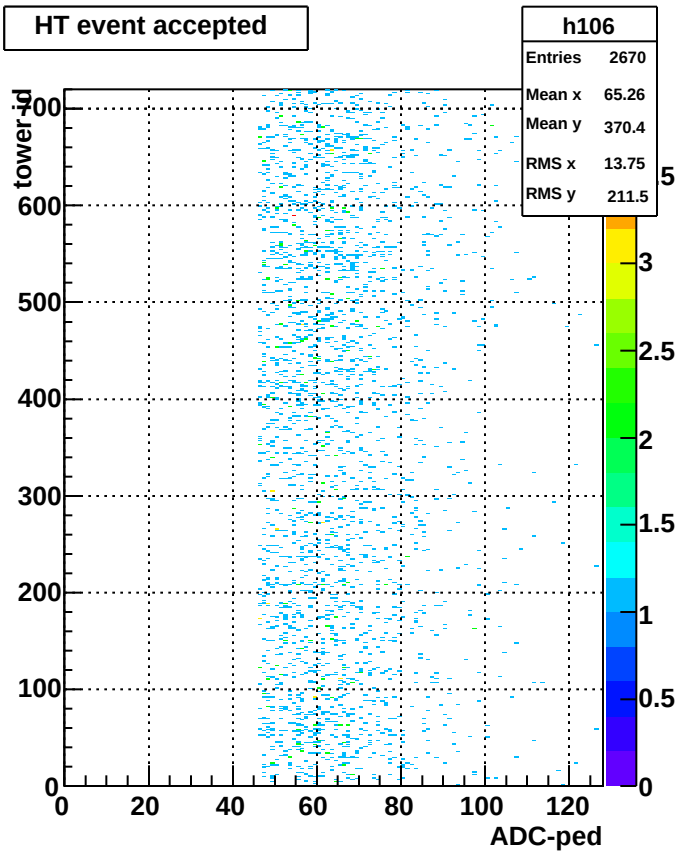

Freq. of high tower > threshold
h113a
Entries 720
Mean x 6.292
Mean y 30.34
RMS x 3.441
RMS y 17.59
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}

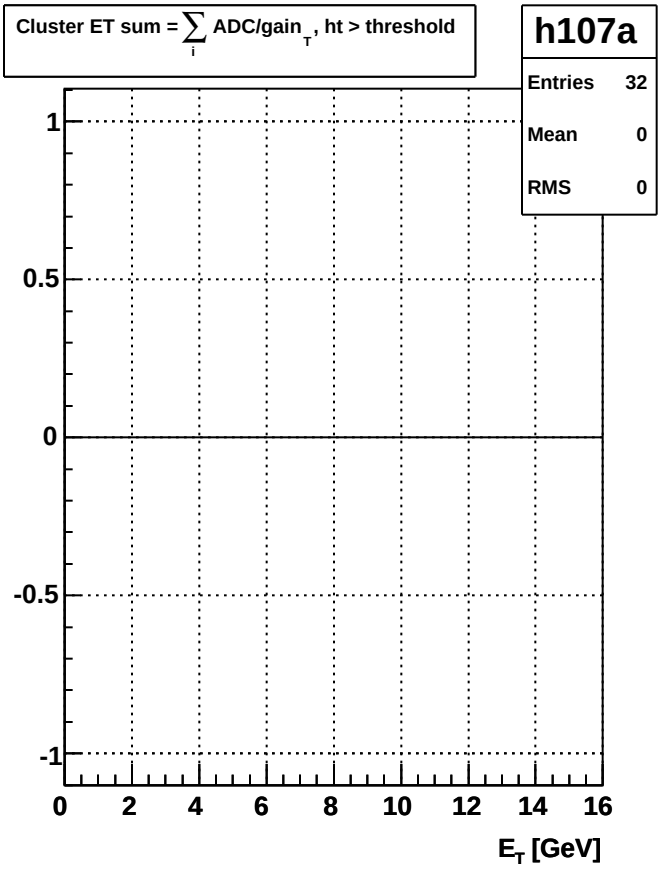

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 6.292
Mean y 30.4
RMS x 3.439
RMS y 17.58
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}

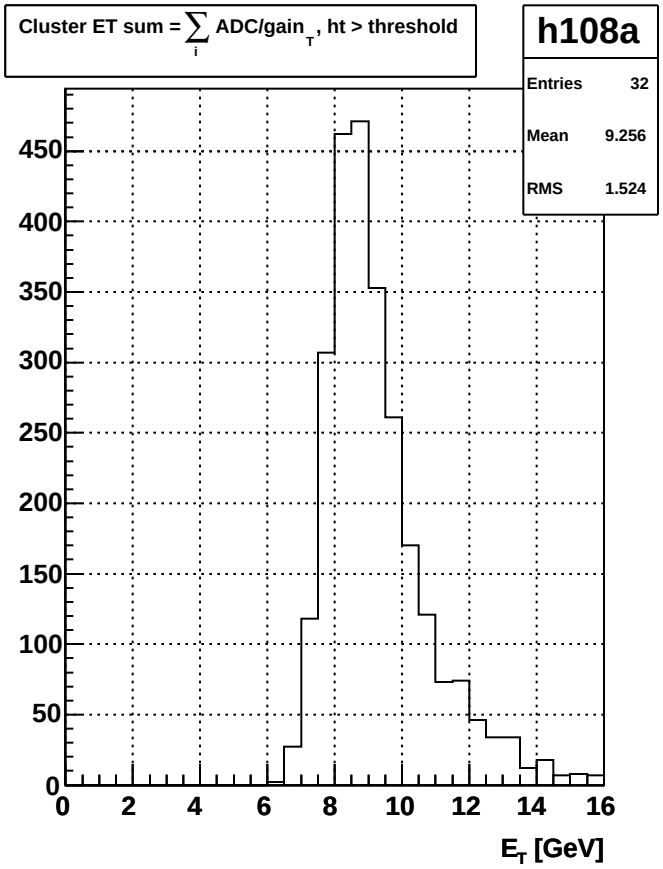

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

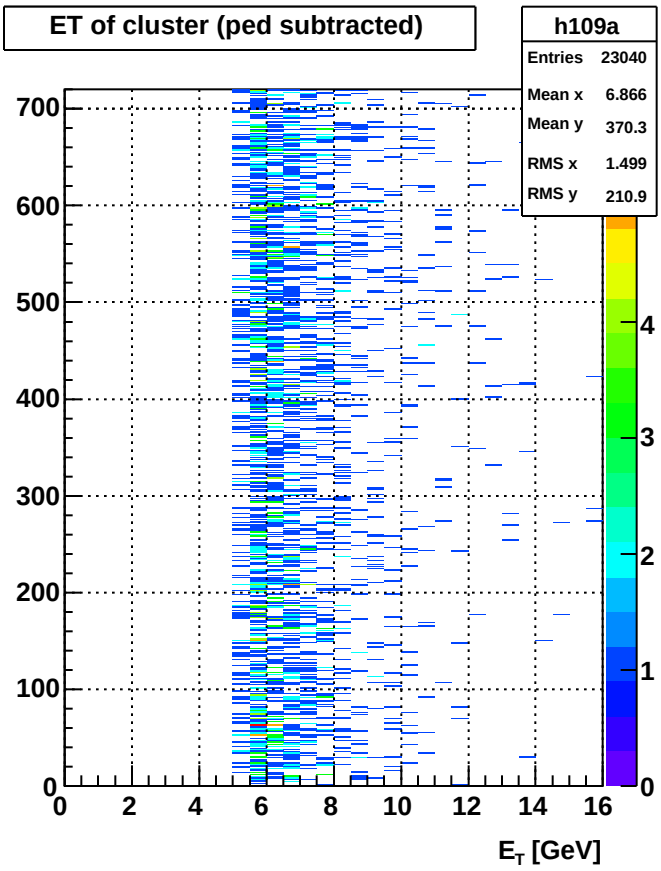

Raw ADC of ht, ht > threshold
h104
Entries 3809
Mean 333.9
RMS 74.46
45
40
35
30
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 2634
Mean 351.1
RMS 82.08
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 2670
Mean x 65.26
Mean y 370.4
RMS x 13.75
RMS y 211.5
tower id
700
600
500
400
300
200
100
0
0
20
40
60
80
100
120
ADC-ped
5
3
2.5
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 9.256
RMS 1.524
450
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 23040
Mean x 6.866
Mean y 370.3
RMS x 1.499
RMS y 210.9
700
600
500
400
300
200
100
0
0 2 4 6 8 10 12 14 16
E_T [GeV]
4
3
2
1
0