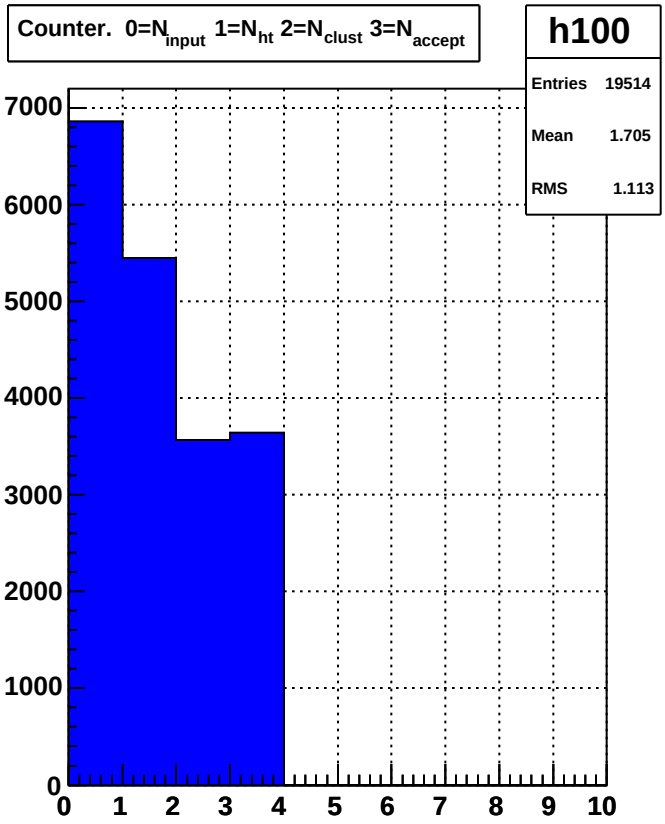
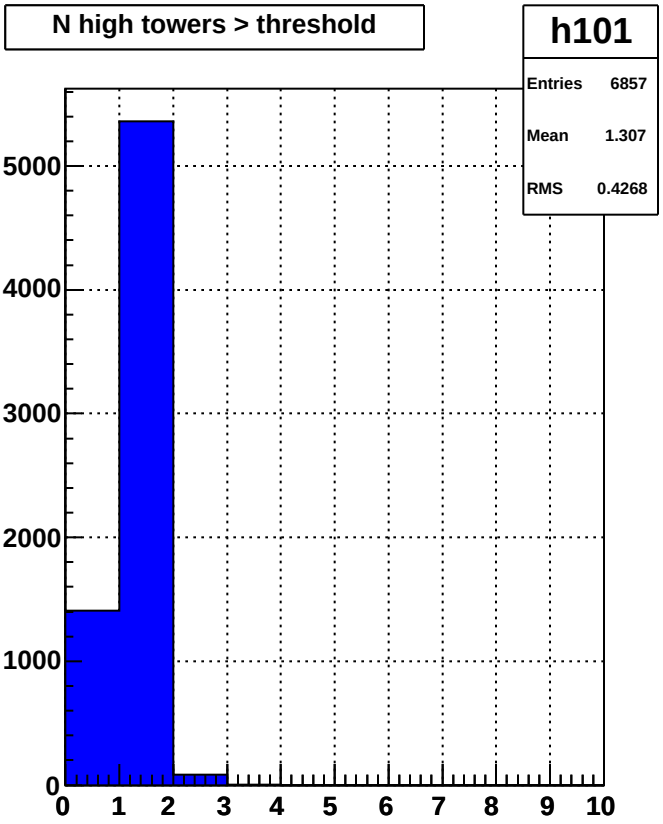
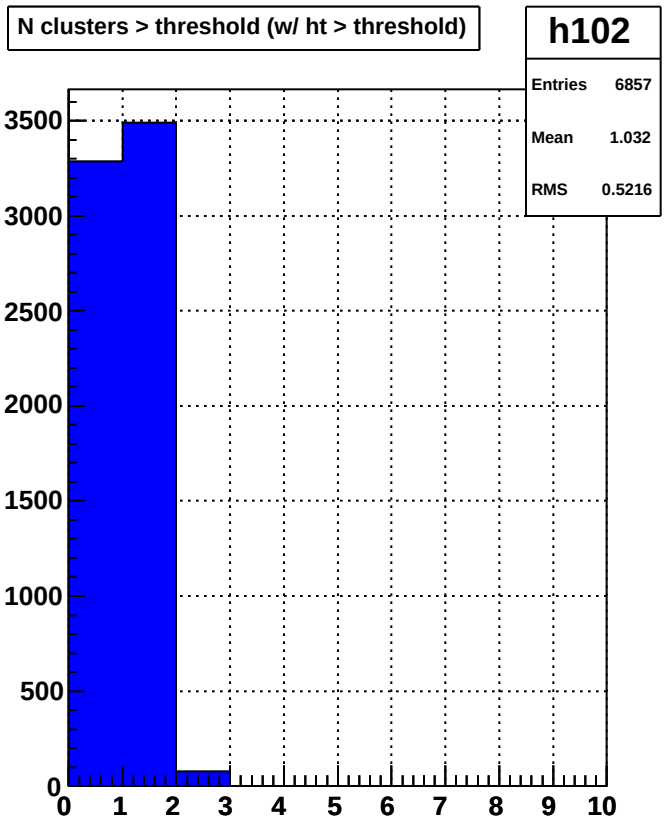
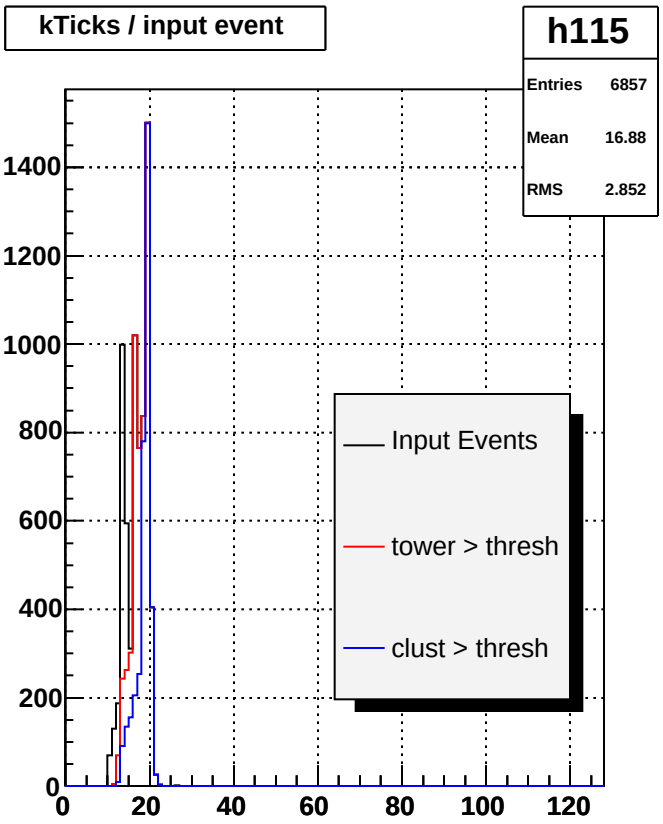
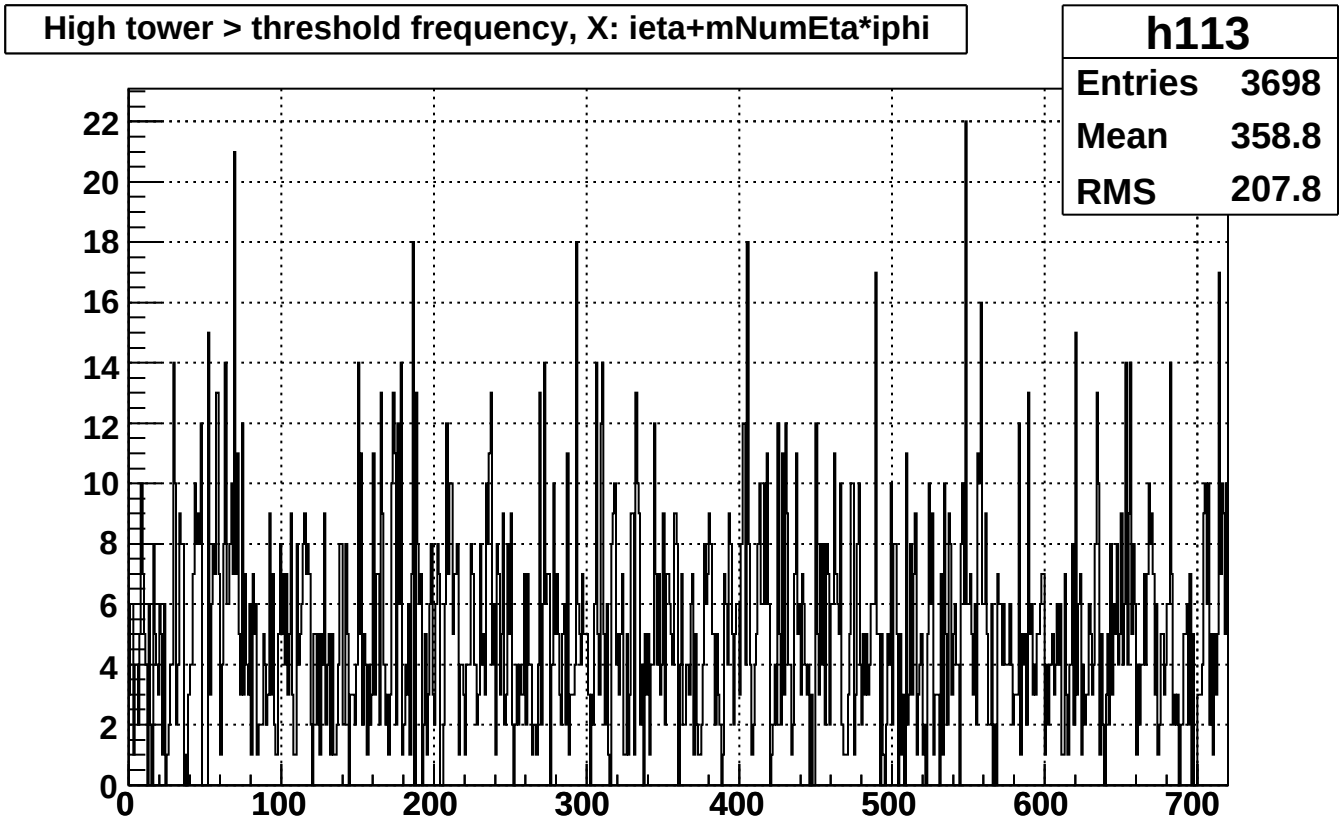
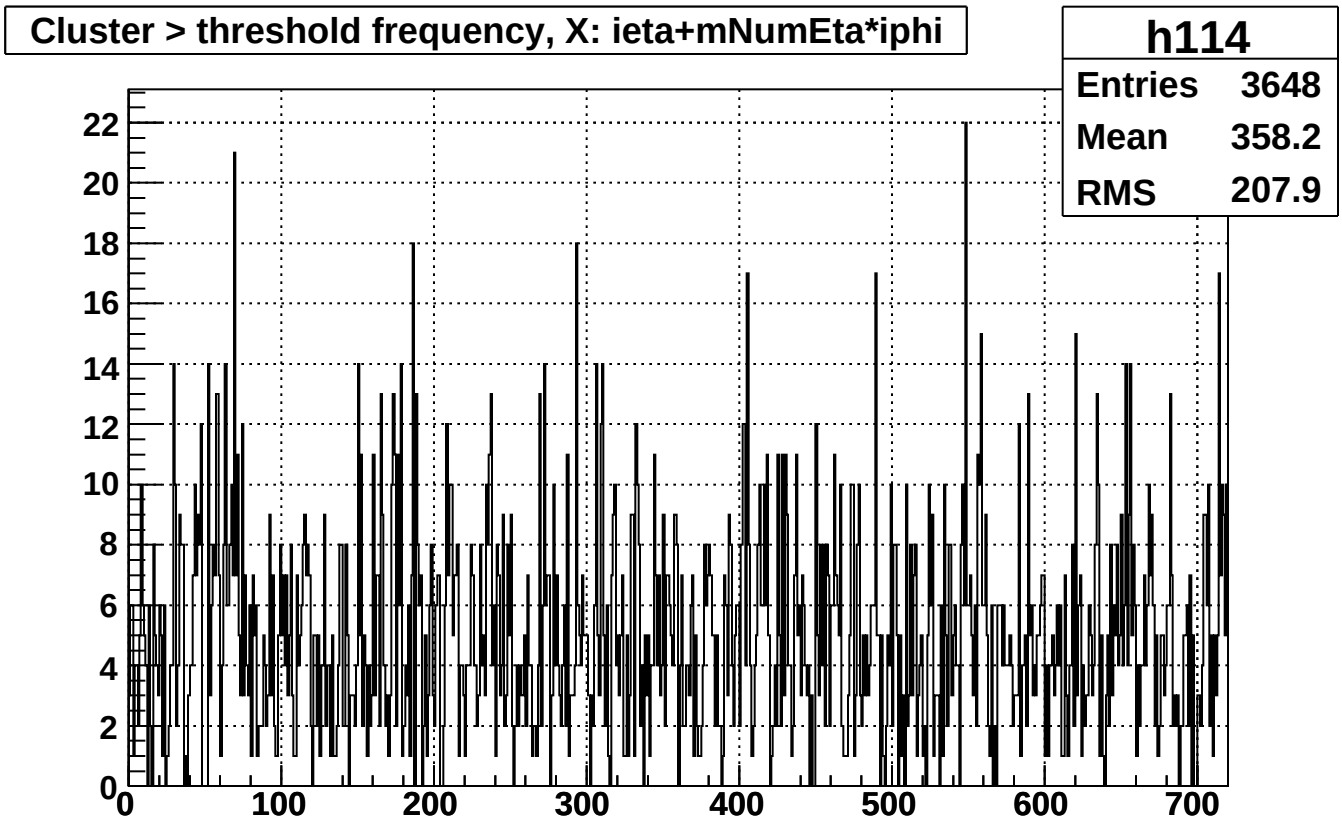

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 19514
Mean 1.705
RMS 1.113
7000
6000
5000
4000
3000
2000
1000
0
0 1 2 3 4 5 6 7 8 9 10

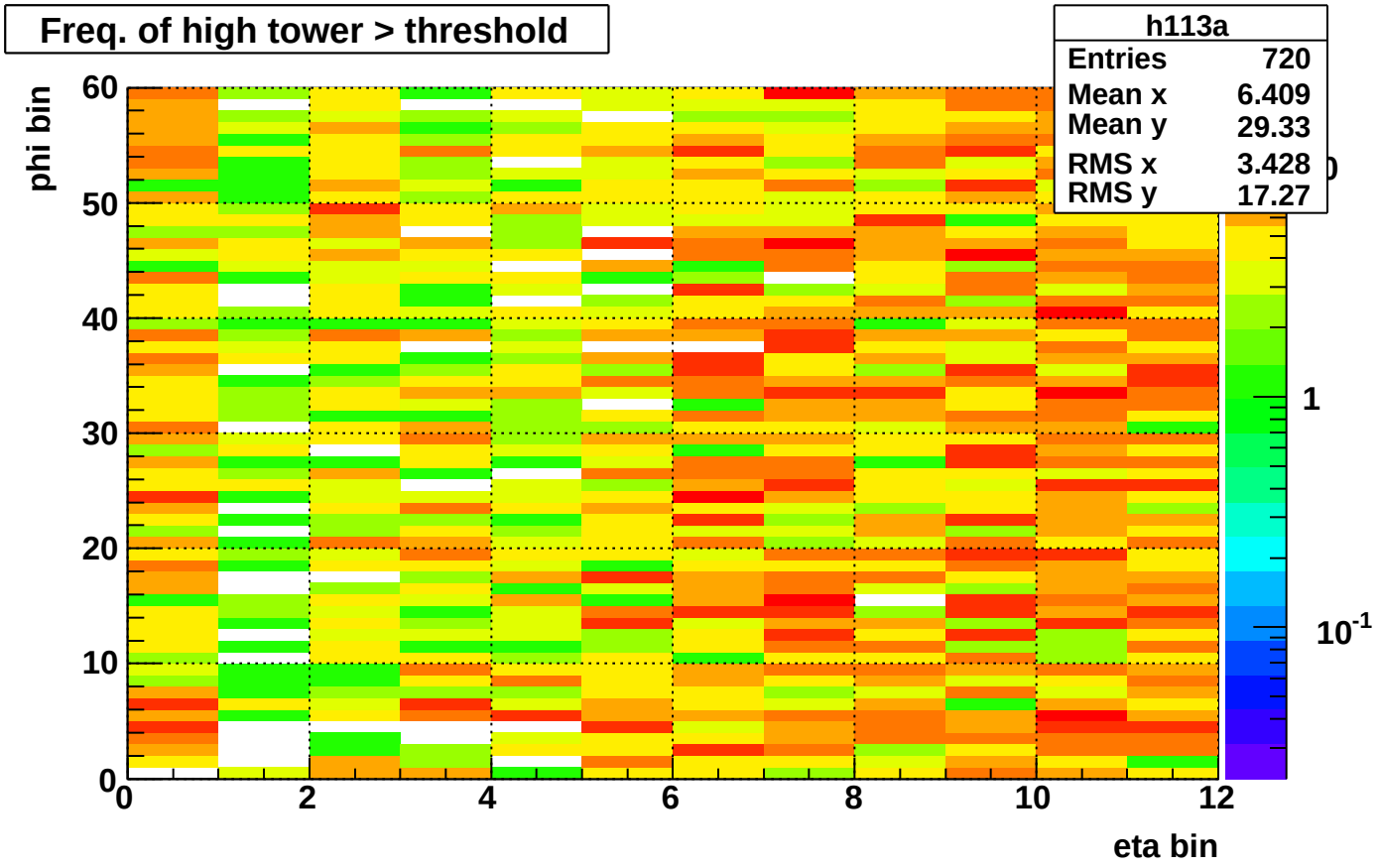

N high towers > threshold
h101
Entries 6857
Mean 1.307
RMS 0.4268
5000
4000
3000
2000
1000
0
0 1 2 3 4 5 6 7 8 9 10

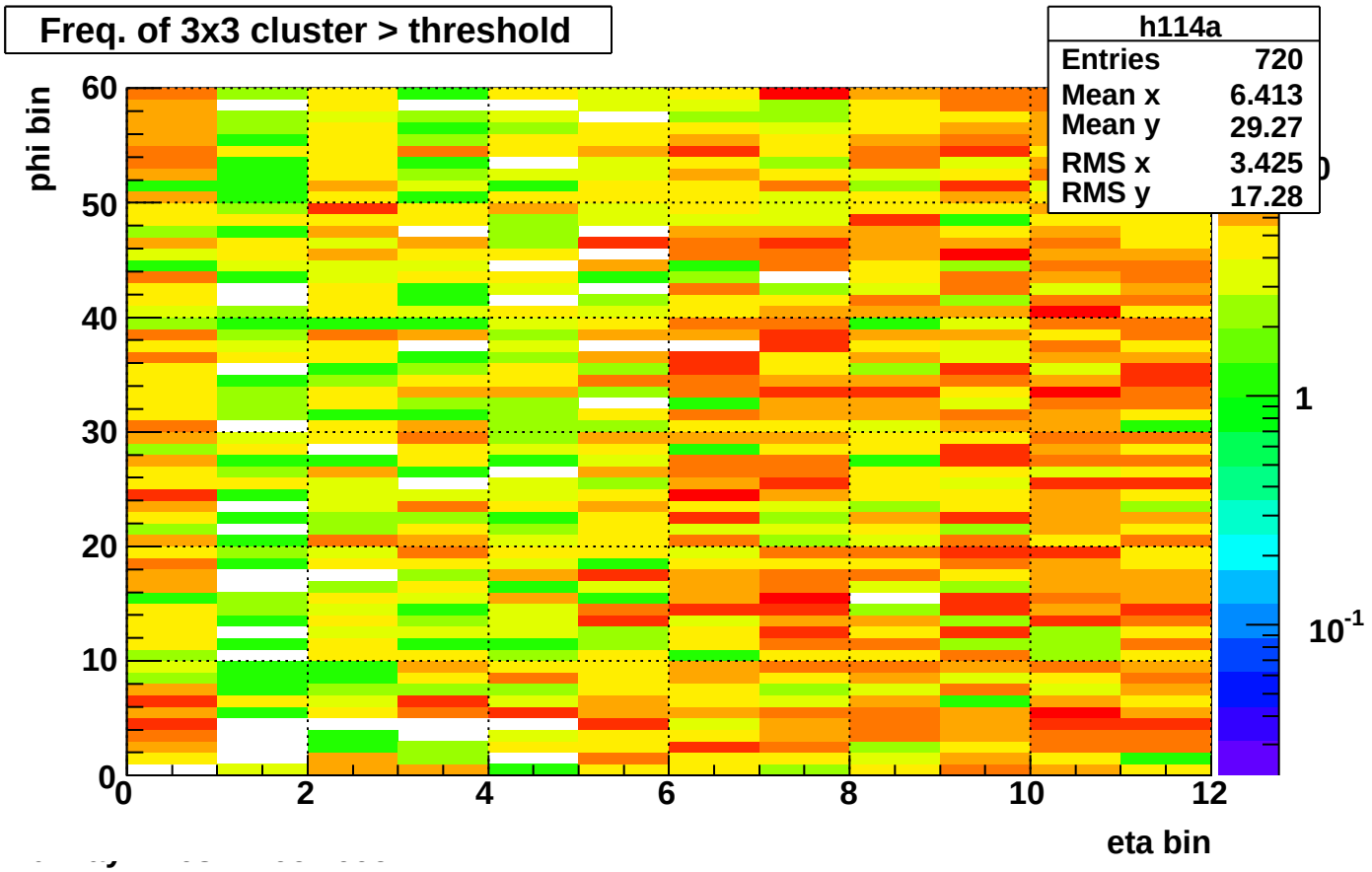

N clusters > threshold (w/ ht > threshold)
h102
Entries 6857
Mean 1.032
RMS 0.5216
3500
3000
2500
2000
1500
1000
500
0
0 1 2 3 4 5 6 7 8 9 10

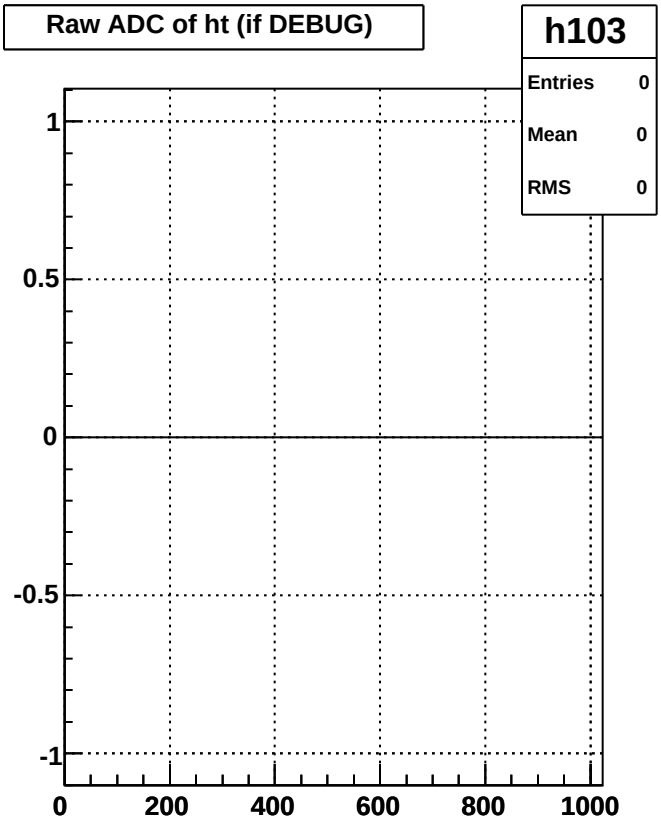

kTicks / input event
h115
Entries 6857
Mean 16.88
RMS 2.852
1400
1200
1000
800
600
400
200
0
0 20 40 60 80 100 120
Input Events
tower > thresh
clust > thresh

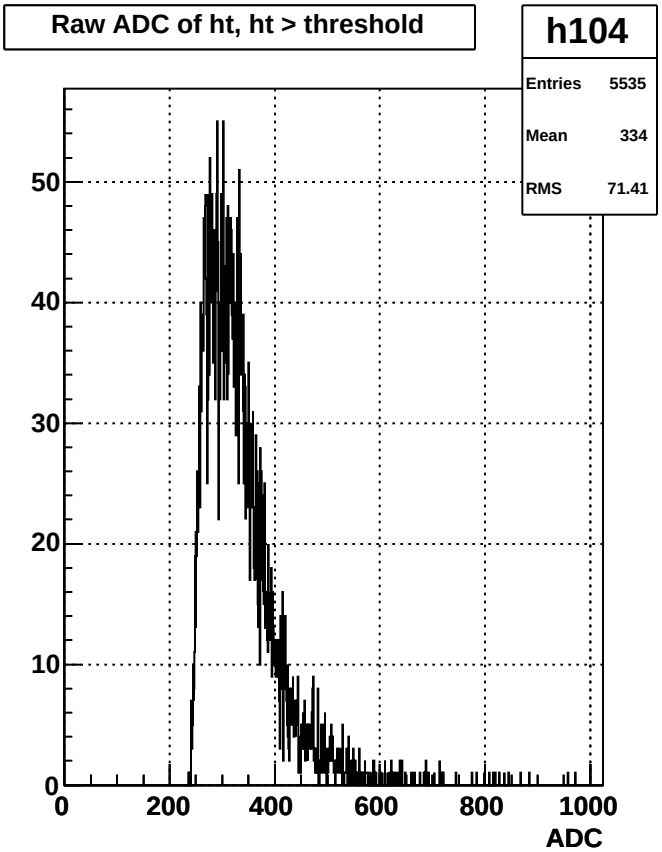

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 3698
Mean 358.8
RMS 207.8
0
2
4
6
8
10
12
14
16
18
20
22
0
100
200
300
400
500
600
700

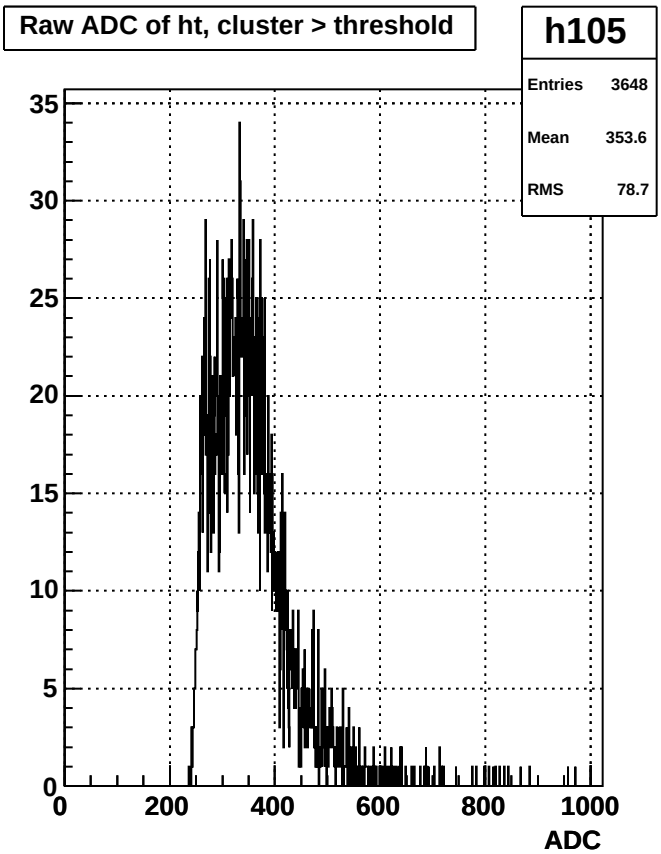

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 3648
Mean 358.2
RMS 207.9
0
2
4
6
8
10
12
14
16
18
20
22
0
100
200
300
400
500
600
700

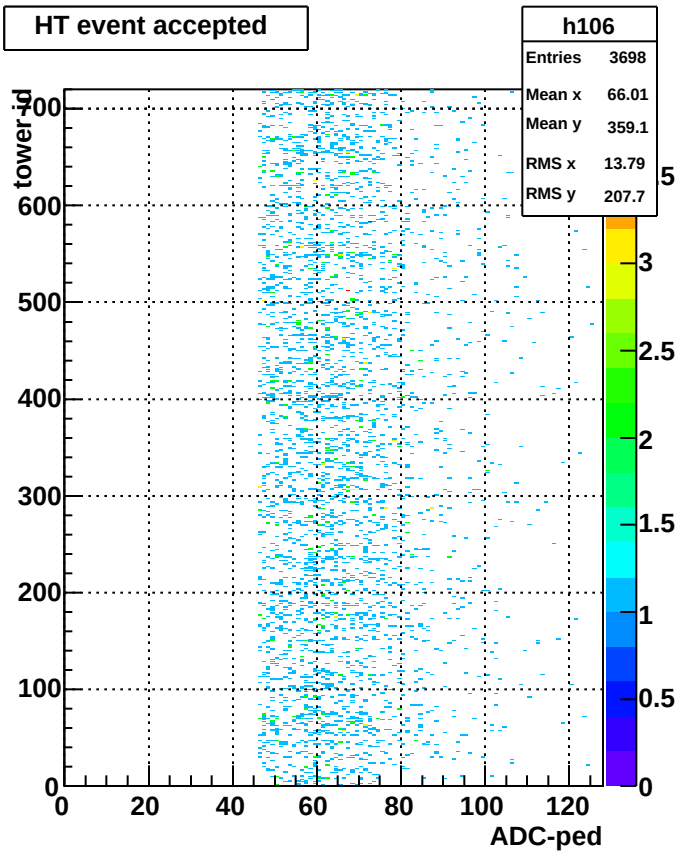

Freq. of high tower > threshold
h113a
Entries 720
Mean x 6.409
Mean y 29.33
RMS x 3.428
RMS y 17.27
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}

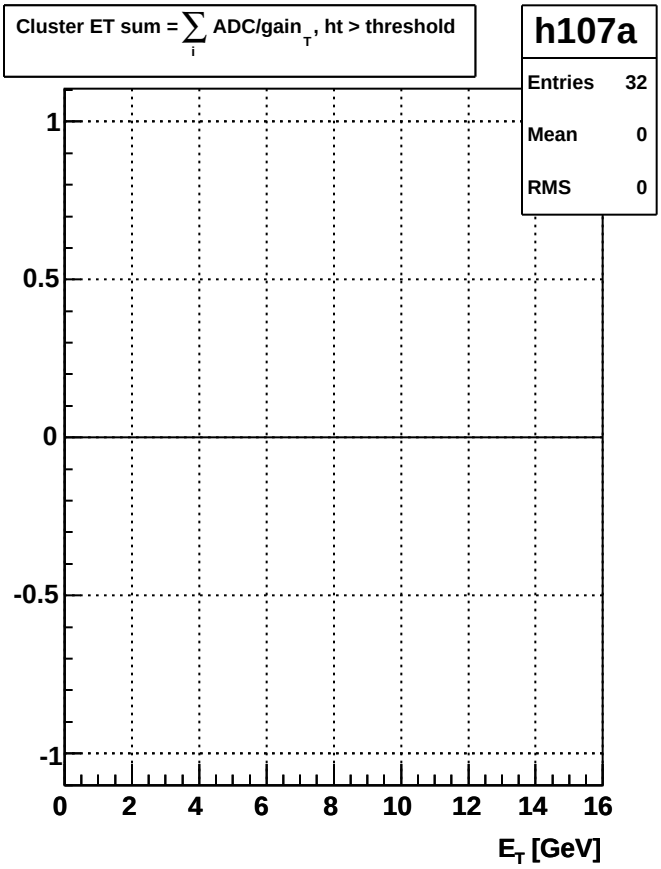

Freq. of 3x3 cluster > threshold
h114a
Entries 720
Mean x 6.413
Mean y 29.27
RMS x 3.425
RMS y 17.28
phi bin
eta bin
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1
10^{-1}

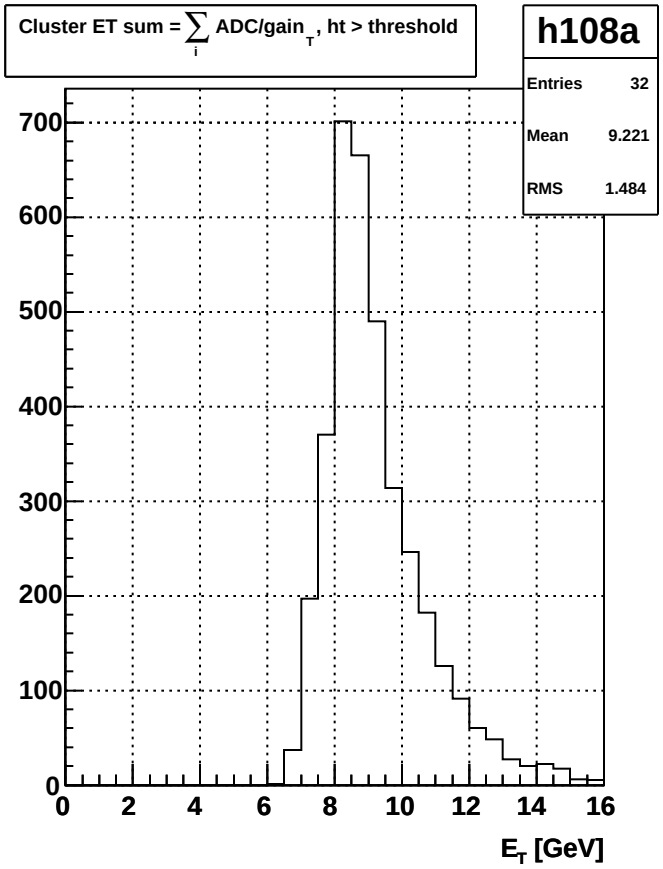

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

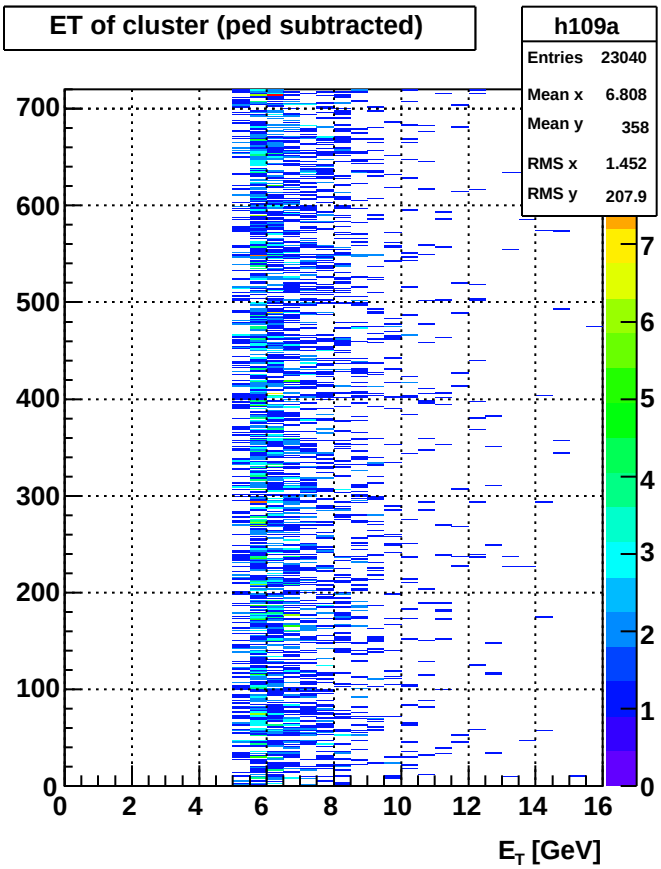

Raw ADC of ht, ht > threshold
h104
Entries 5535
Mean 334
RMS 71.41
50
40
30
20
10
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 3648
Mean 353.6
RMS 78.7
35
30
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 3698
Mean x 66.01
Mean y 359.1
RMS x 13.79
RMS y 207.7
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 9.221
RMS 1.484
700
600
500
400
300
200
100
0
0 2 4 6 8 10 12 14 16
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 23040
Mean x 6.808
Mean y 358
RMS x 1.452
RMS y 207.9
700
600
500
400
300
200
100
0
0 2 4 6 8 10 12 14 16
E_T [GeV]
7
6
5
4
3
2
1
0