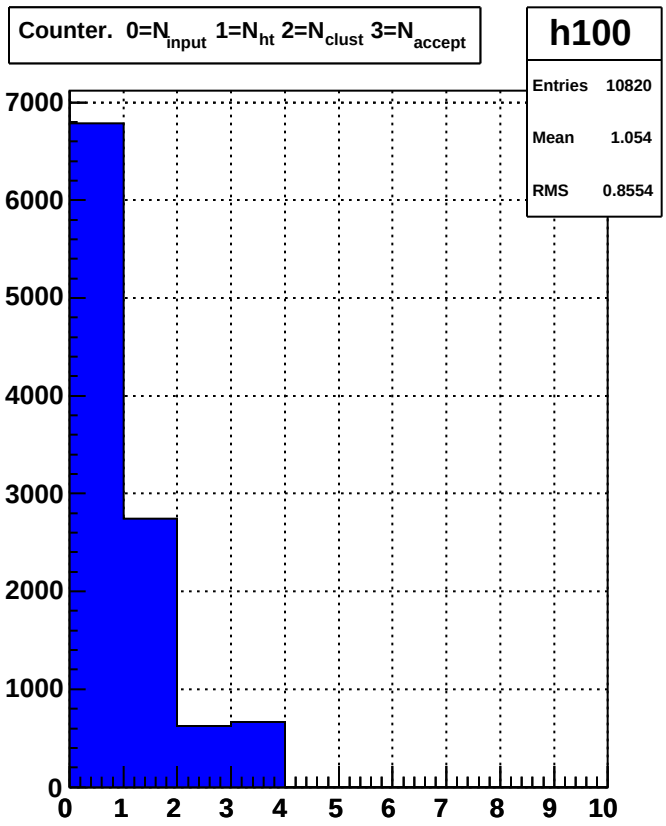
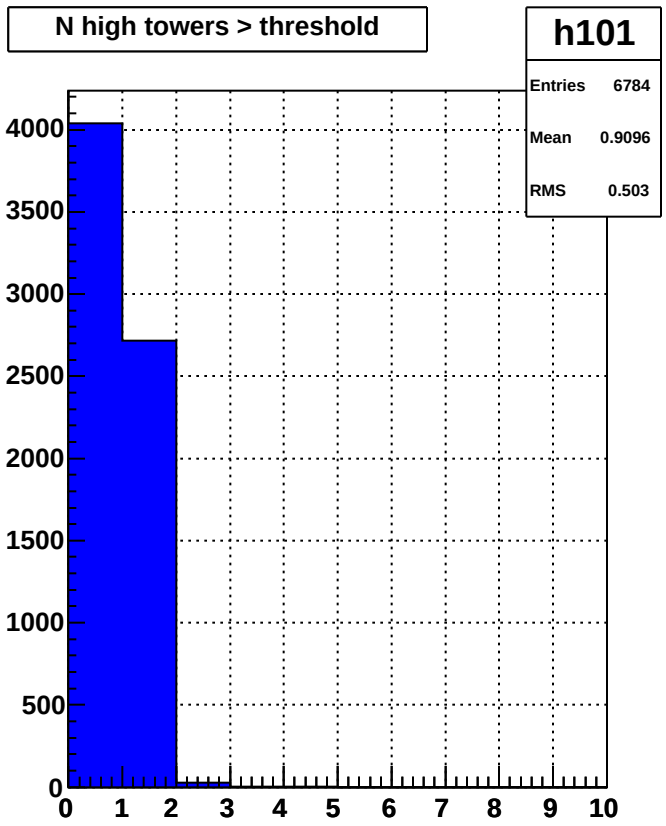
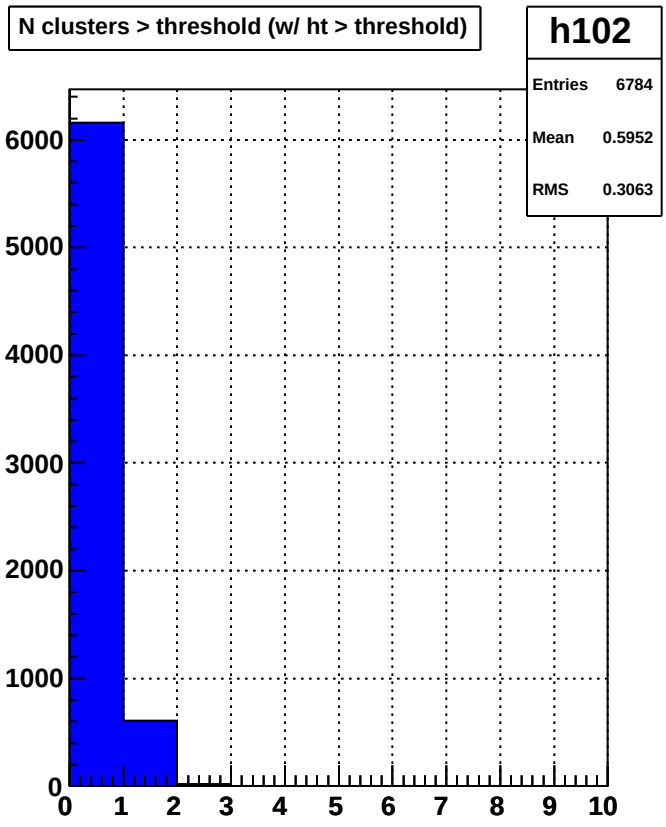
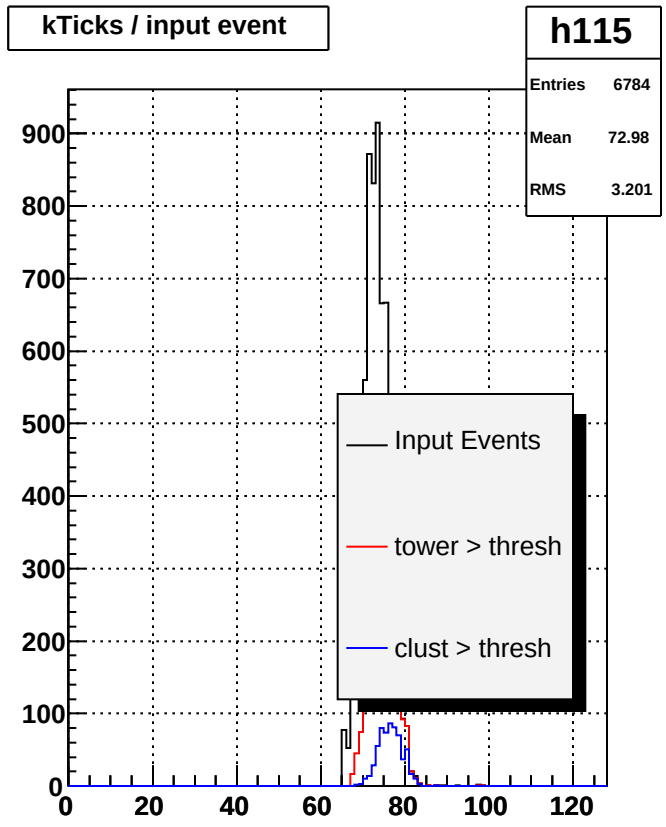
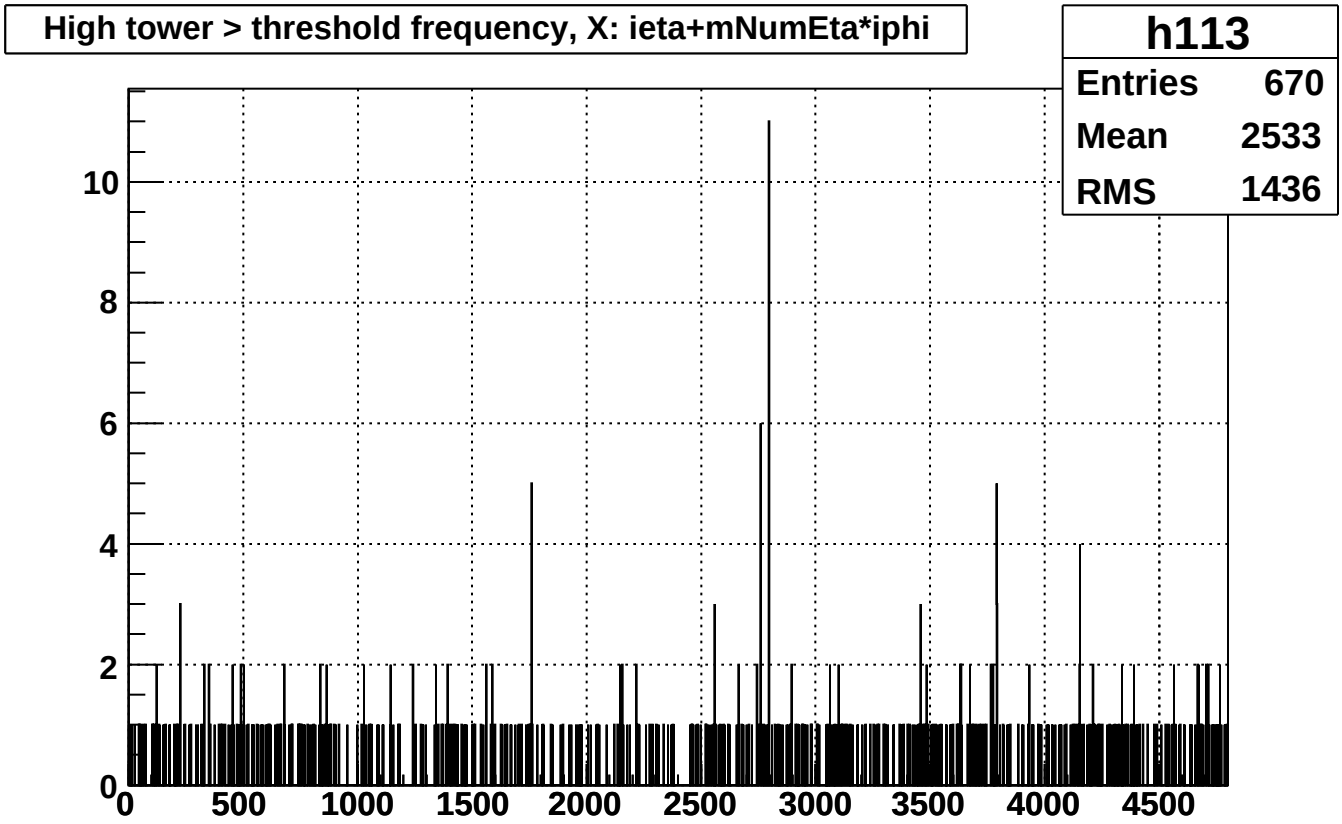
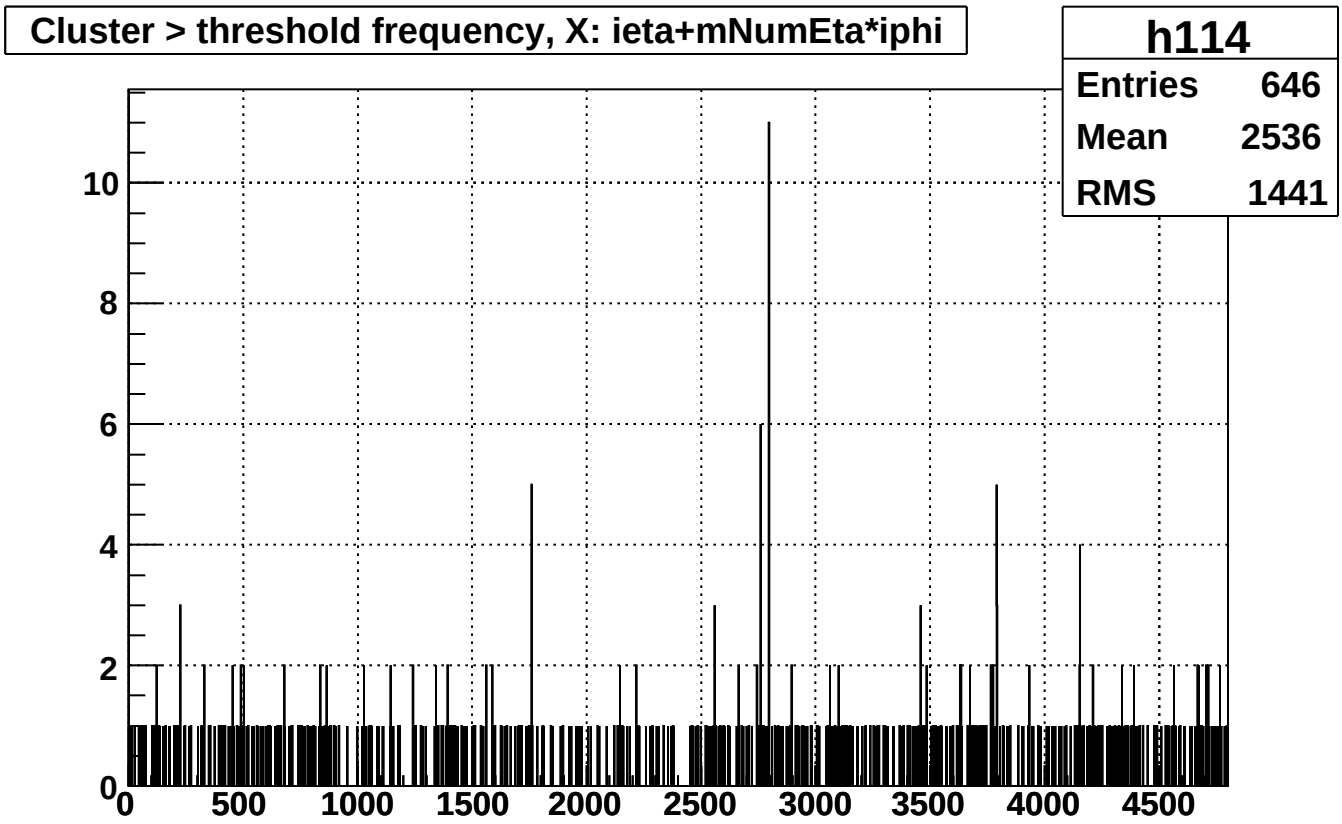

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 10820
Mean 1.054
RMS 0.8554

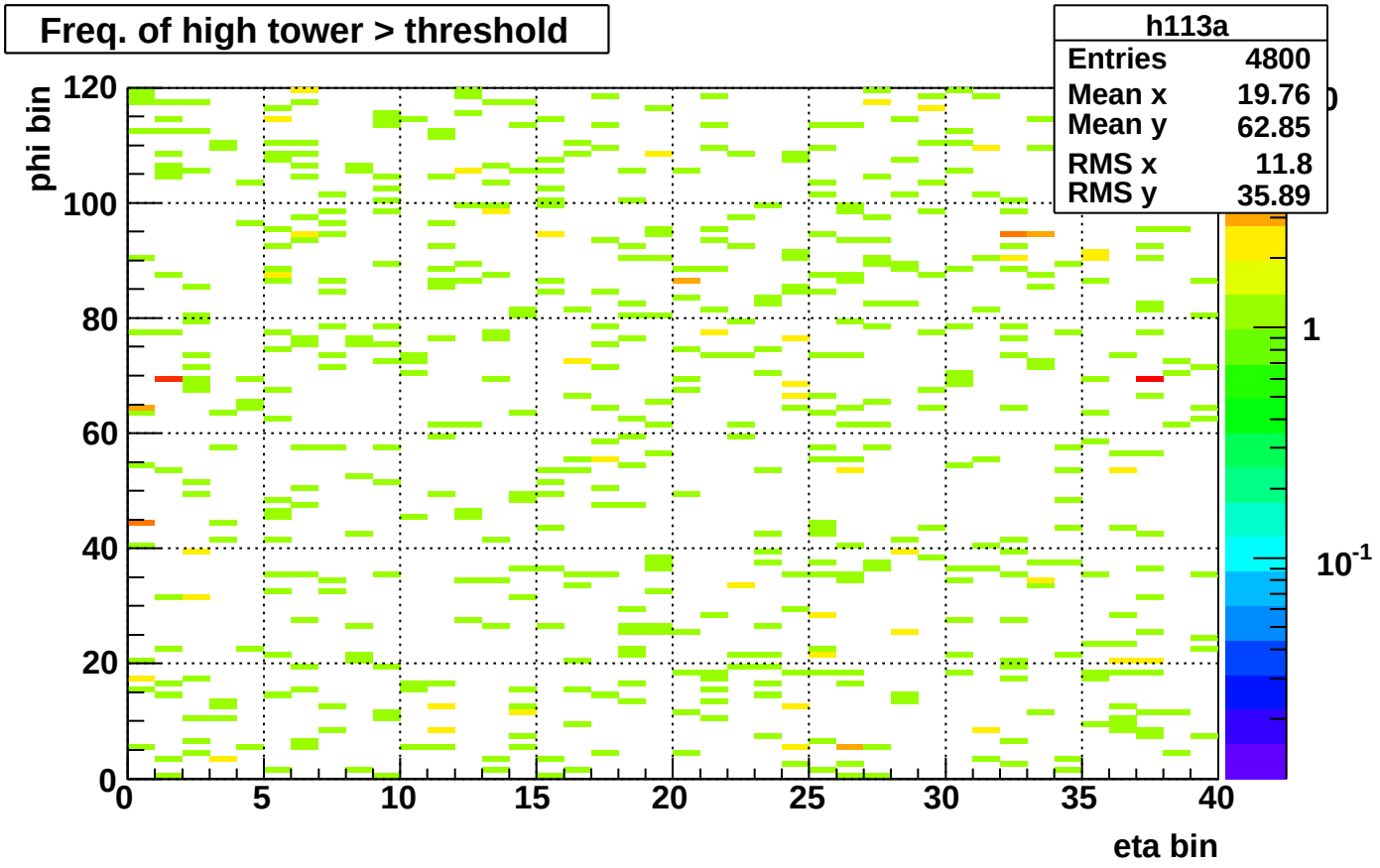

N high towers > threshold
h101
Entries 6784
Mean 0.9096
RMS 0.503

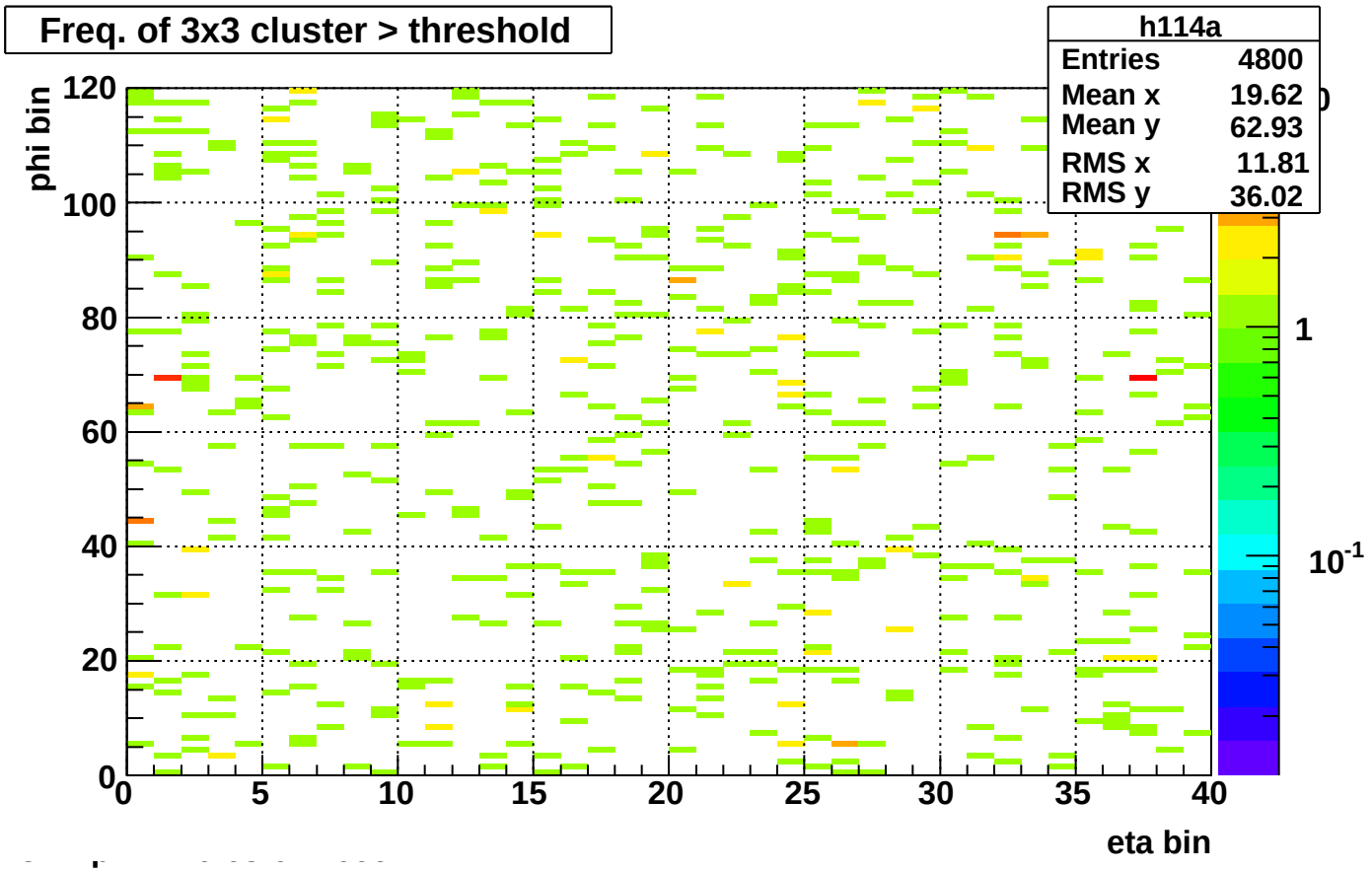

N clusters > threshold (w/ ht > threshold)
h102
Entries 6784
Mean 0.5952
RMS 0.3063

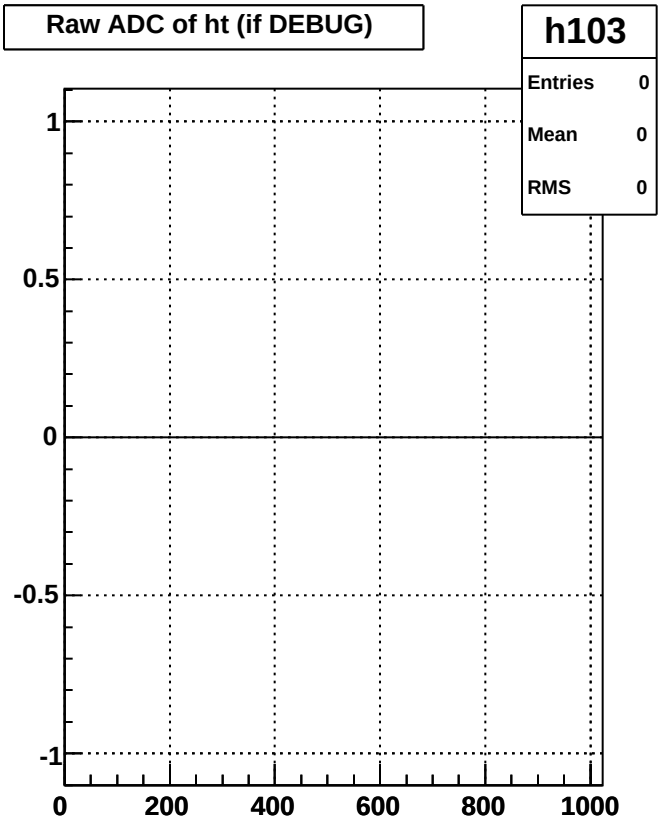

kTicks / input event
h115
Entries 6784
Mean 72.98
RMS 3.201
Input Events
tower > thresh
clust > thresh

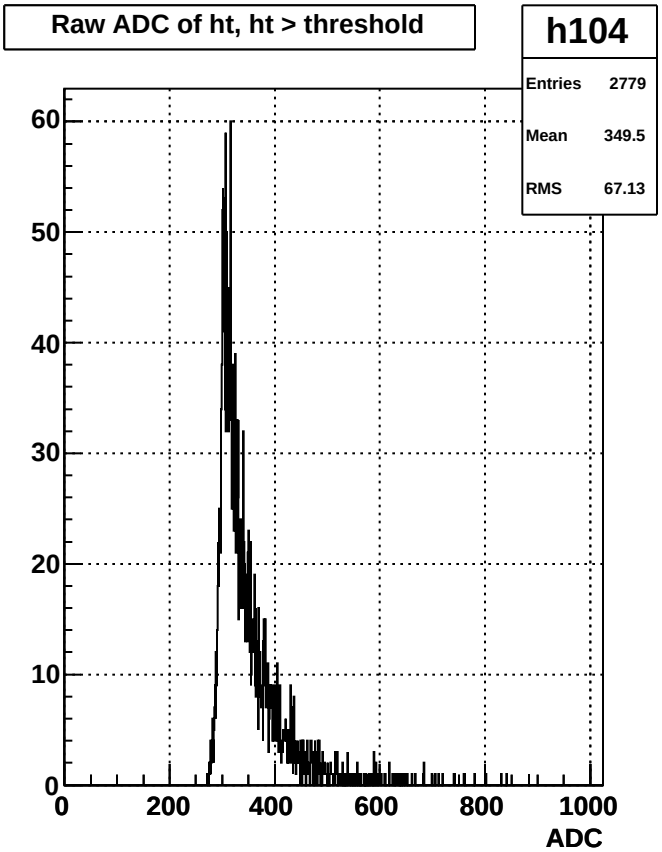

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 670
Mean 2533
RMS 1436
0
2
4
6
8
10
0
500
1000
1500
2000
2500
3000
3500
4000
4500

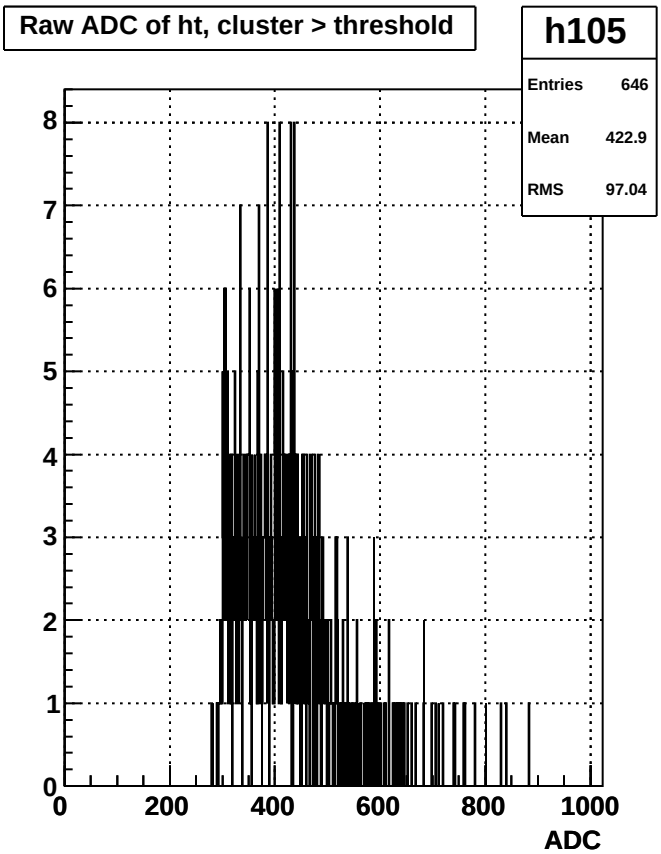

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 646
Mean 2536
RMS 1441
0
2
4
6
8
10
0
500
1000
1500
2000
2500
3000
3500
4000
4500

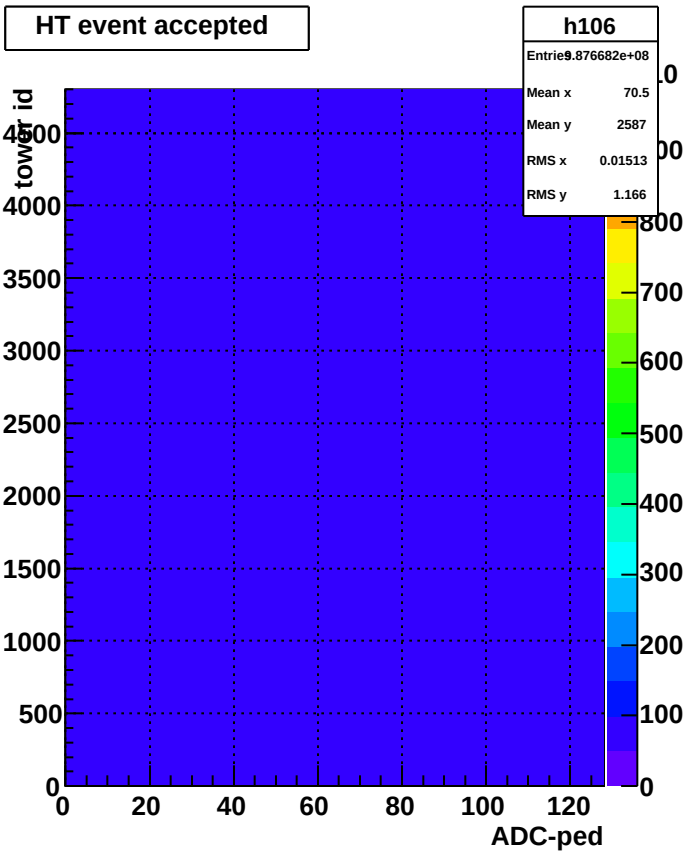

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 19.76
Mean y 62.85
RMS x 11.8
RMS y 35.89
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

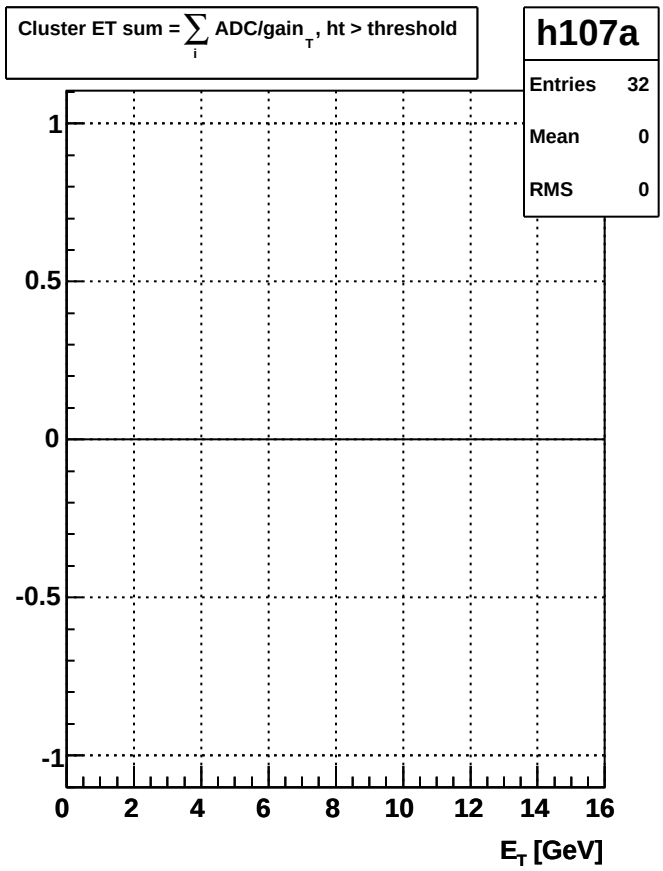

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 19.62
Mean y 62.93
RMS x 11.81
RMS y 36.02
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

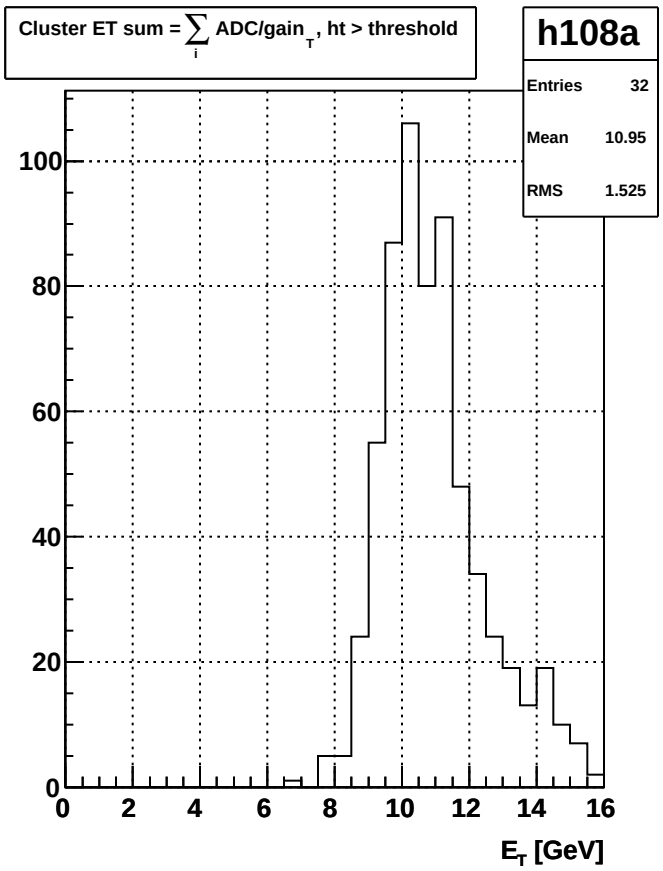

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

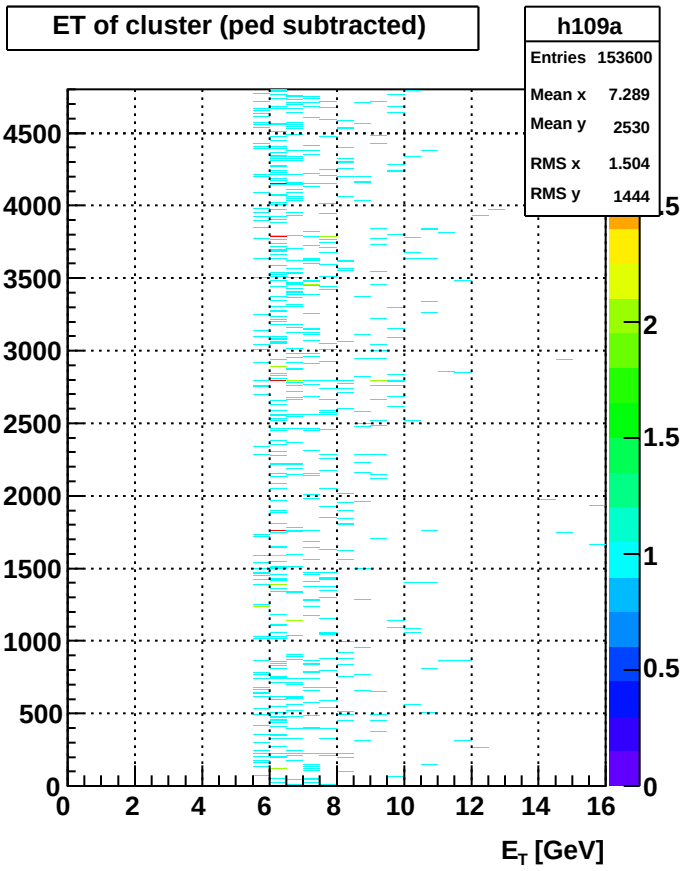

Raw ADC of ht, ht > threshold
h104
Entries 2779
Mean 349.5
RMS 67.13
60
50
40
30
20
10
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 646
Mean 422.9
RMS 97.04
8
7
6
5
4
3
2
1
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 9.876682e+08
Mean x 70.5
Mean y 2587
RMS x 0.01513
RMS y 1.166
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
ADC-ped
800
700
600
500
400
300
200
100
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 10.95
RMS 1.525
100
80
60
40
20
0
0 2 4 6 8 10 12 14 16
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 7.289
Mean y 2530
RMS x 1.504
RMS y 1444
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0 2 4 6 8 10 12 14 16
E_T [GeV]
2
1.5
1
0.5
0