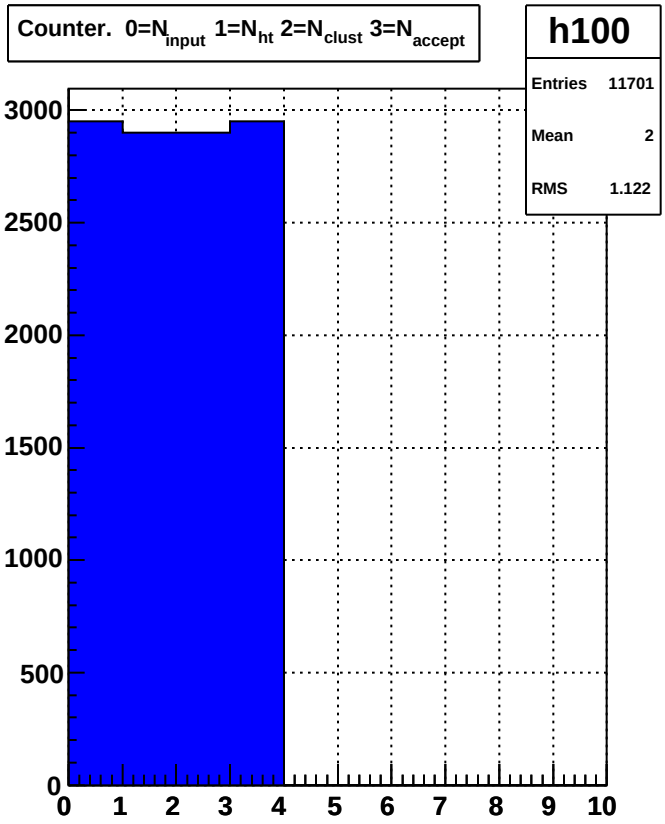
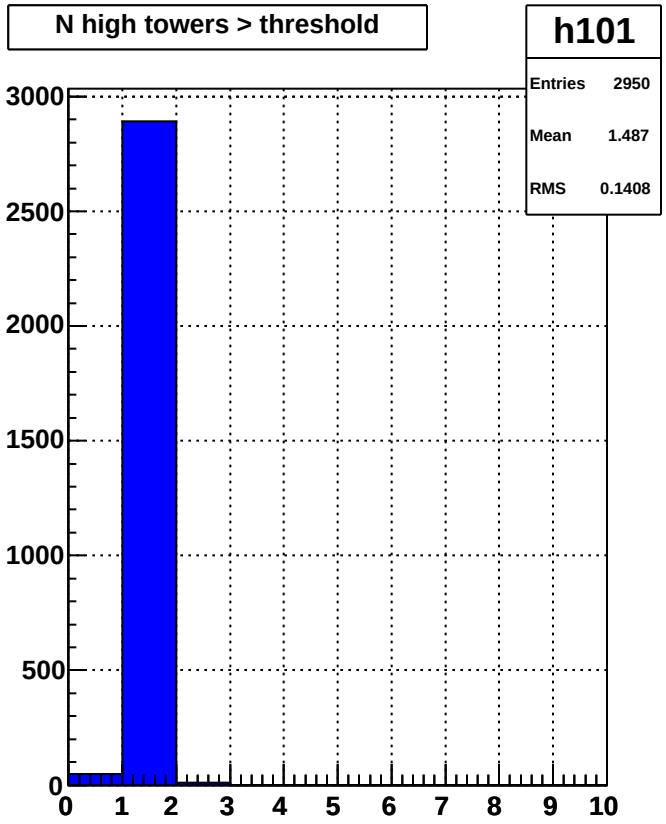
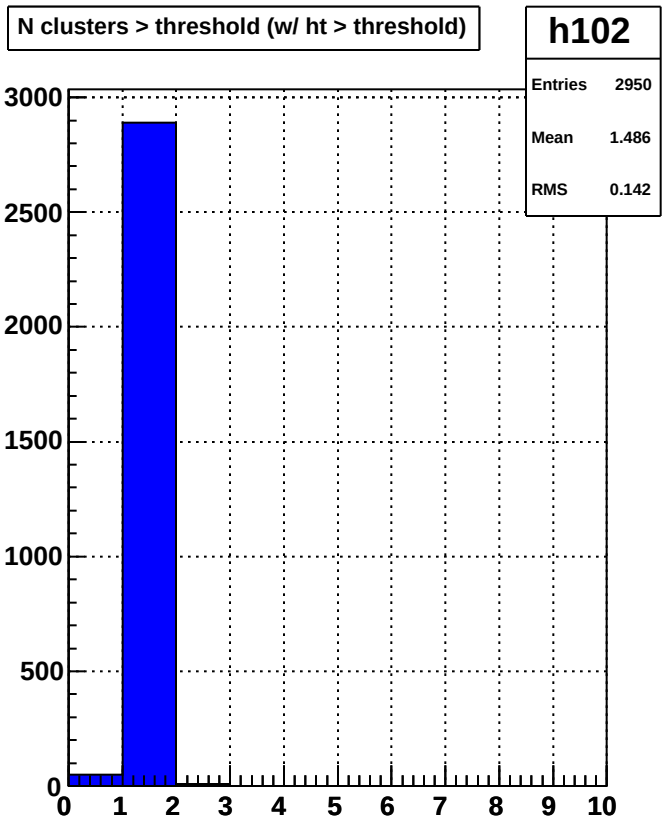
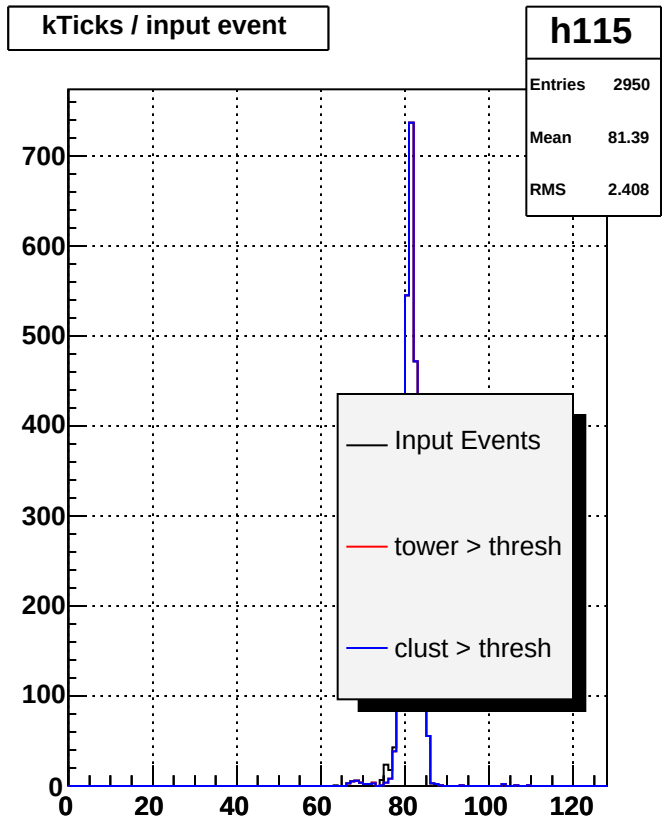
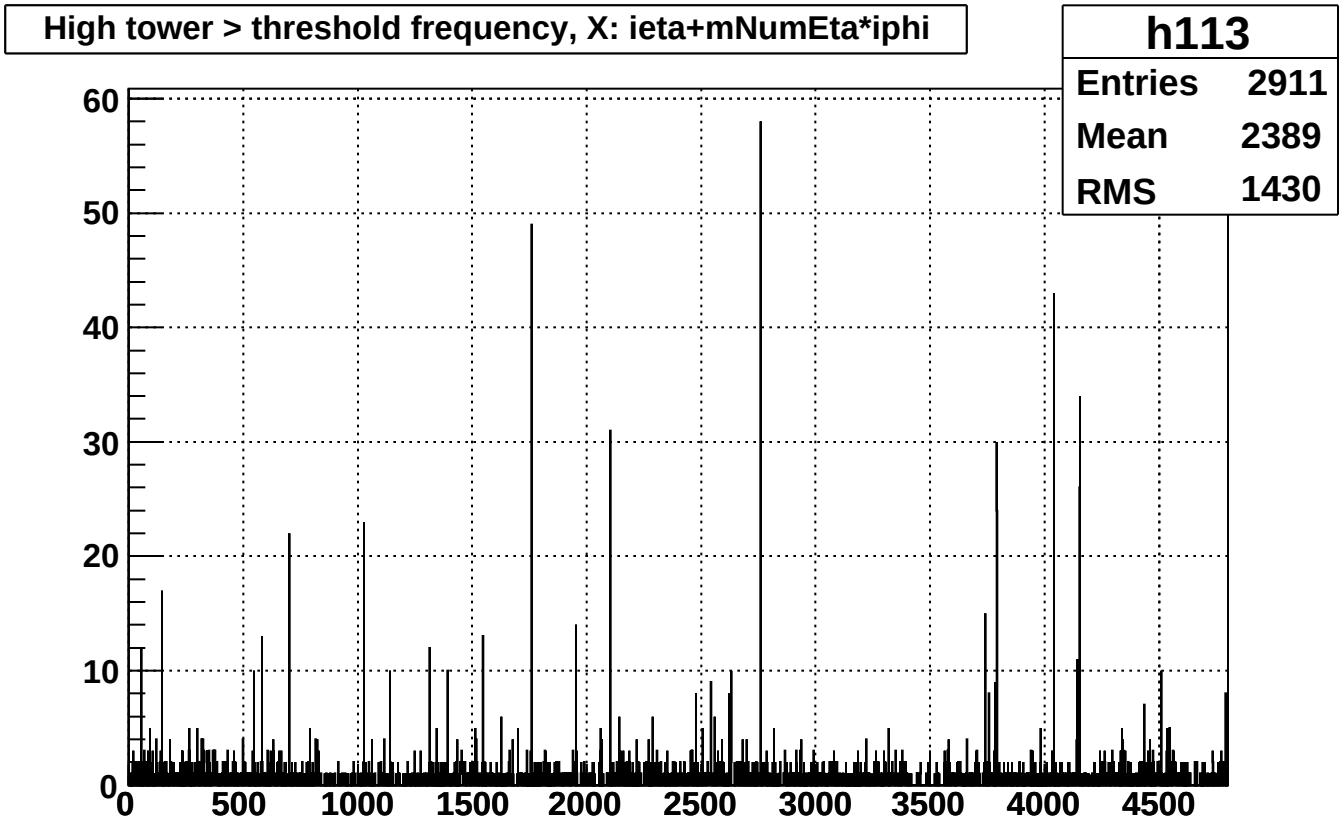
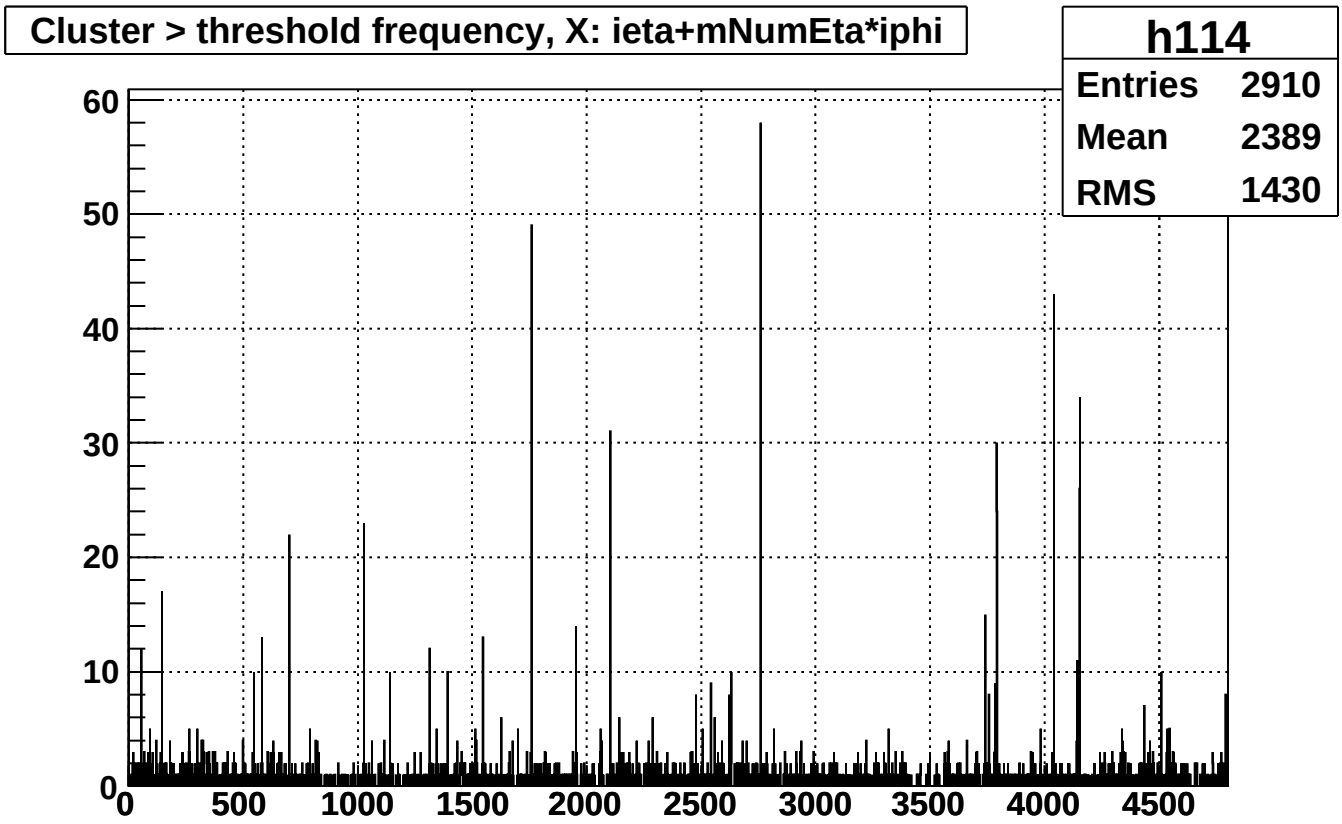

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 11701
Mean 2
RMS 1.122

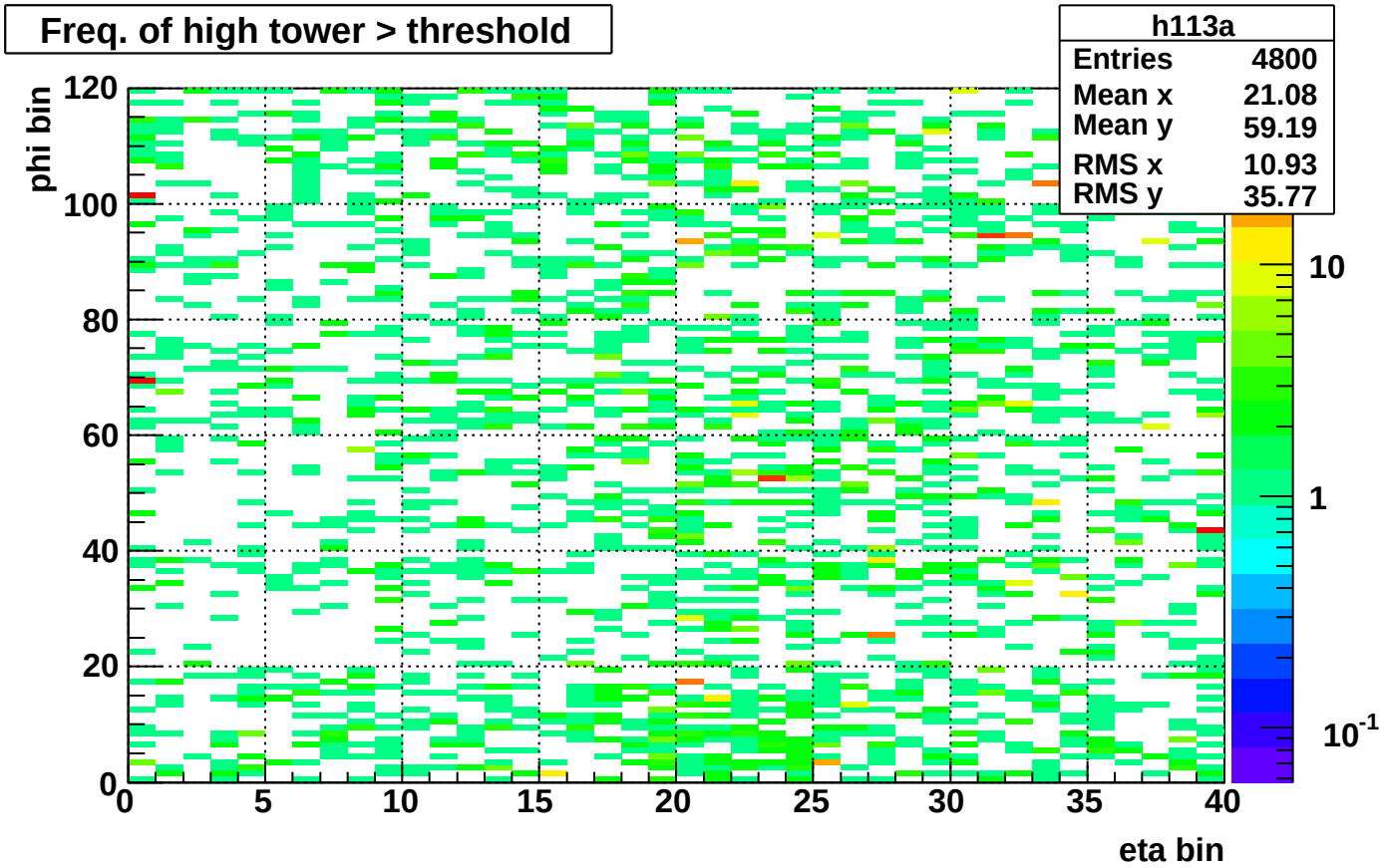

N high towers > threshold
h101
Entries 2950
Mean 1.487
RMS 0.1408

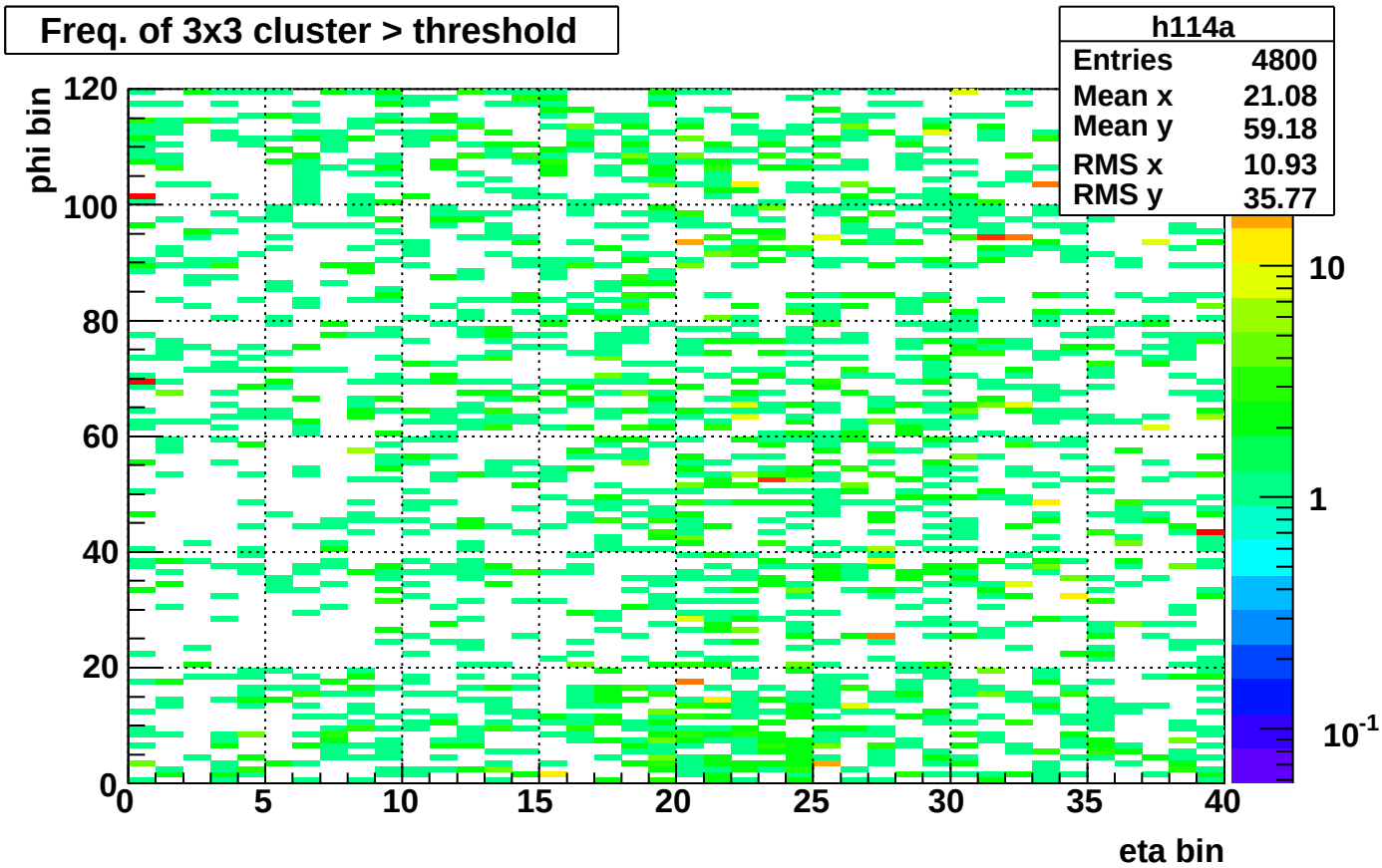

N clusters > threshold (w/ ht > threshold)
h102
Entries 2950
Mean 1.486
RMS 0.142

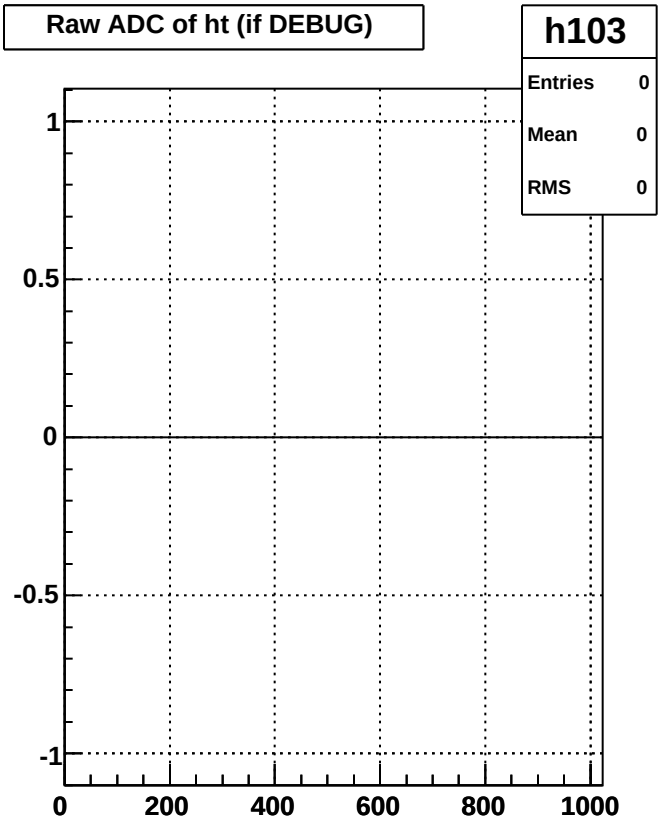

kTicks / input event
h115
Entries 2950
Mean 81.39
RMS 2.408
Input Events
tower > thresh
clust > thresh

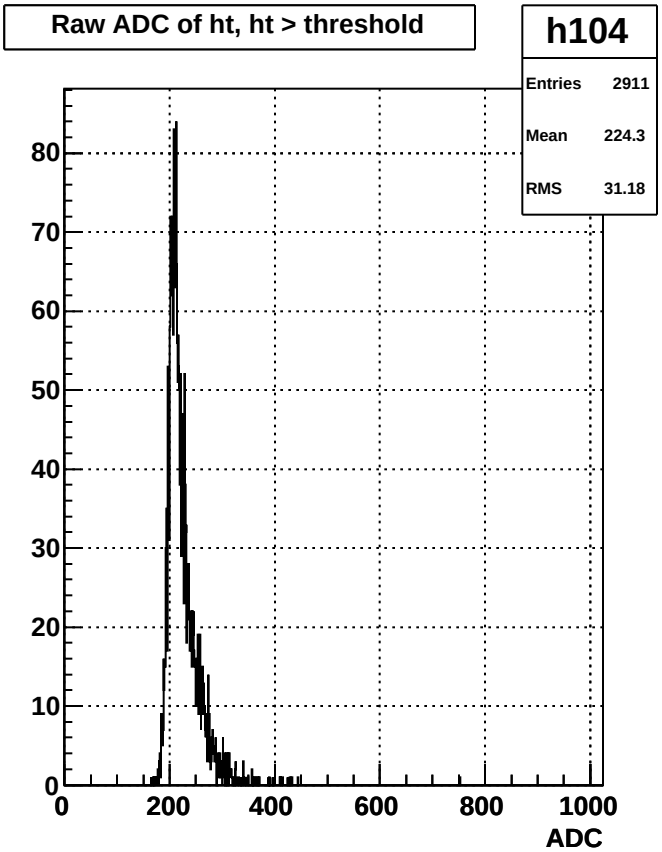

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 2911
Mean 2389
RMS 1430
0
10
20
30
40
50
60
0
500
1000
1500
2000
2500
3000
3500
4000
4500

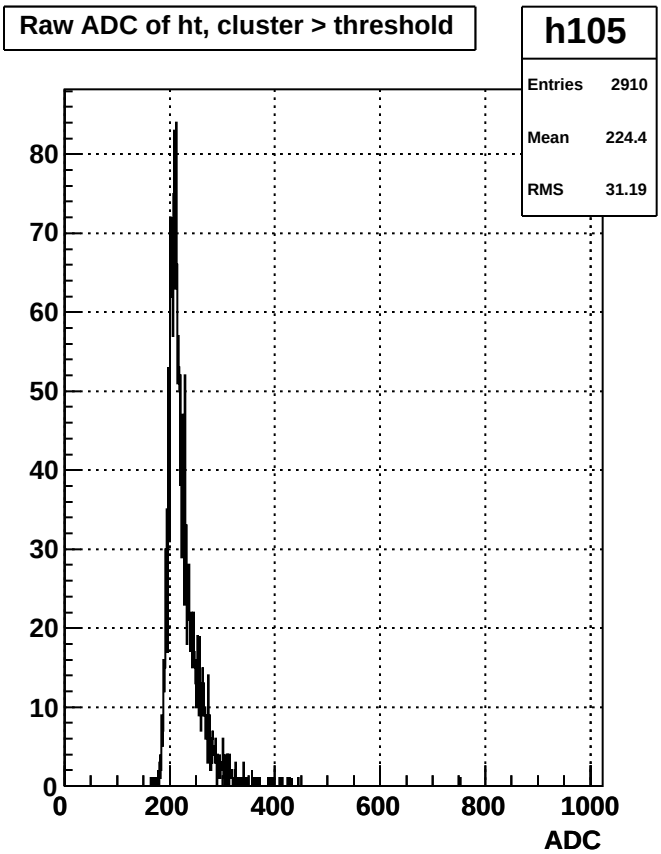

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 2910
Mean 2389
RMS 1430
0
10
20
30
40
50
60
0
500
1000
1500
2000
2500
3000
3500
4000
4500

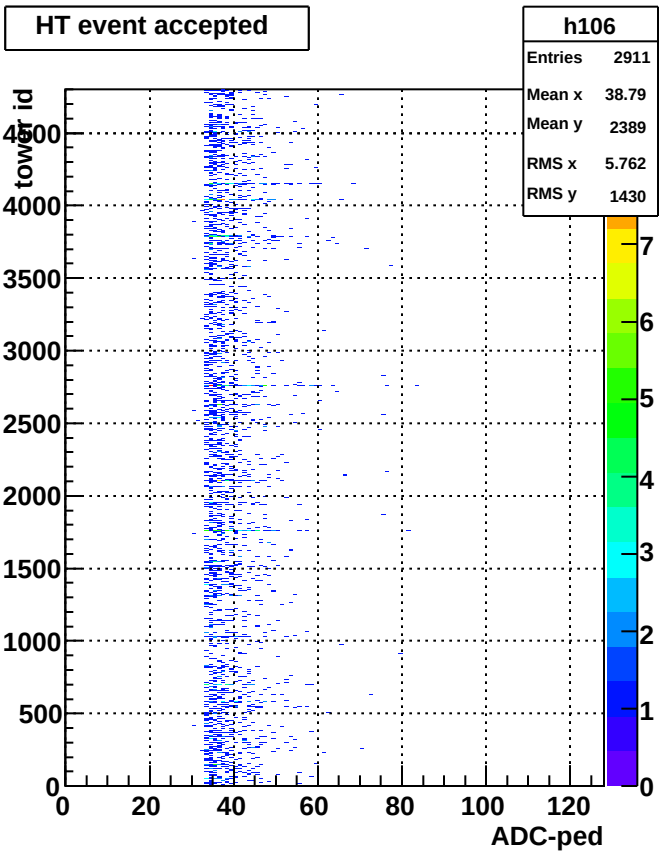

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 21.08
Mean y 59.19
RMS x 10.93
RMS y 35.77
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
10
1
10^{-1}

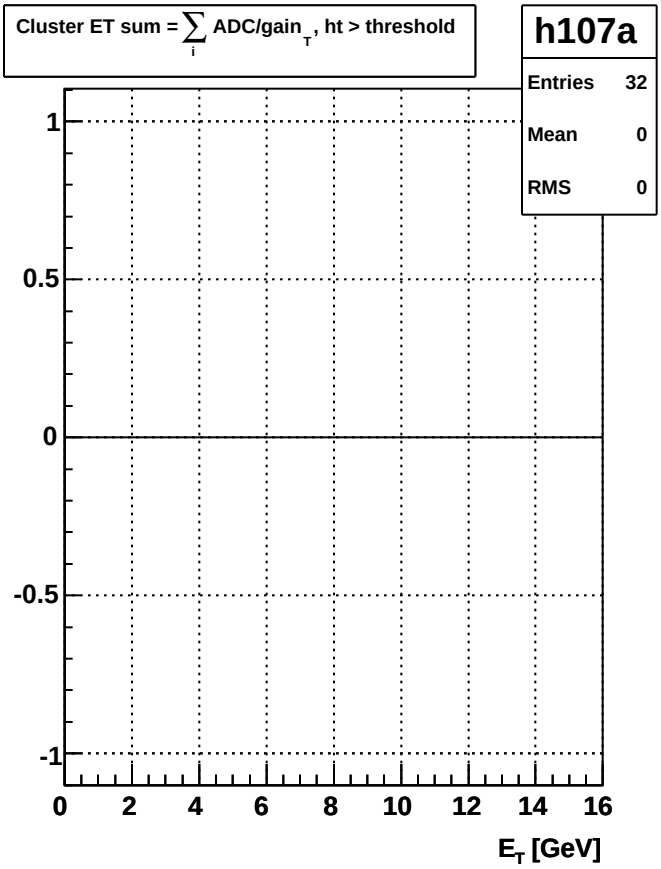

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 21.08
Mean y 59.18
RMS x 10.93
RMS y 35.77
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
10
1
10^{-1}

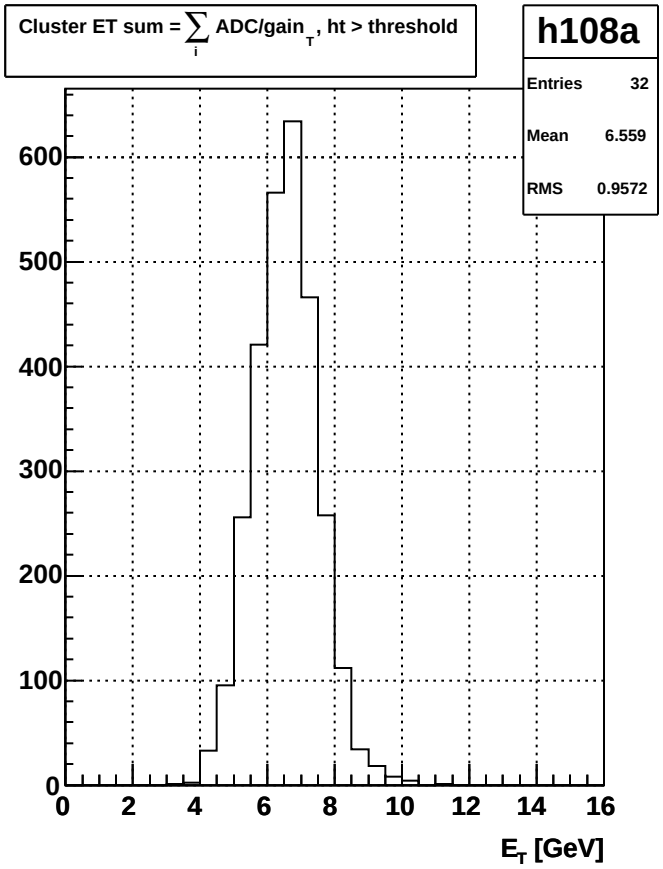

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

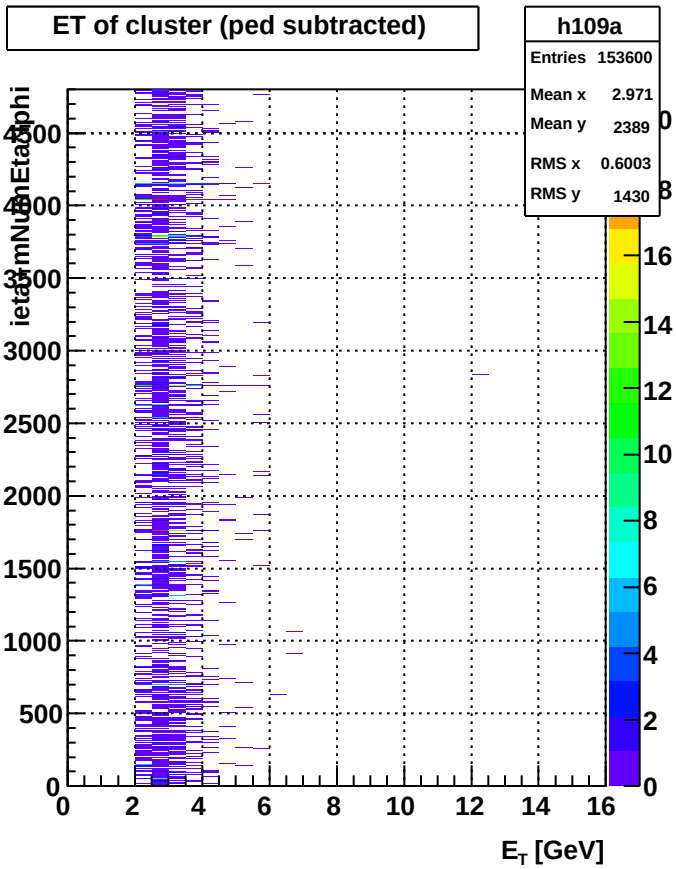

Raw ADC of ht, ht > threshold
h104
Entries 2911
Mean 224.3
RMS 31.18
80
70
60
50
40
30
20
10
0
0
200
400
600
800
1000
ADC

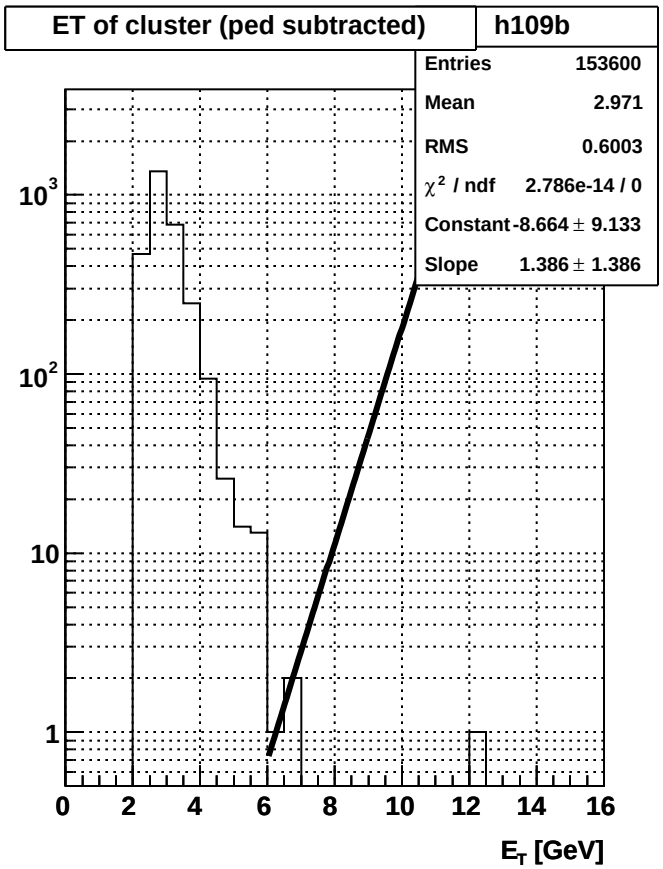

Raw ADC of ht, cluster > threshold
h105
Entries 2910
Mean 224.4
RMS 31.19
80
70
60
50
40
30
20
10
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 2911
Mean x 38.79
Mean y 2389
RMS x 5.762
RMS y 1430
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
ADC-ped
7
6
5
4
3
2
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 6.559
RMS 0.9572
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 2.971
Mean y 2389
RMS x 0.6003
RMS y 1430
ietamNumEtaphi
E_T [GeV]


ET of cluster (ped subtracted)
h109b
Entries 153600
Mean 2.971
RMS 0.6003
χ^2 / ndf 2.786e-14 / 0
Constant -8.664 ± 9.133
Slope 1.386 ± 1.386
E_T [GeV]