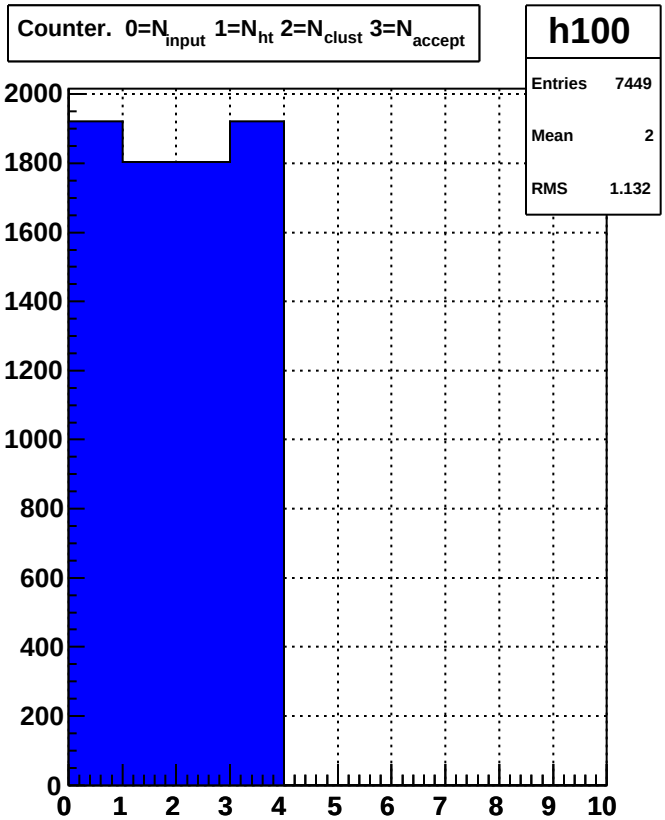
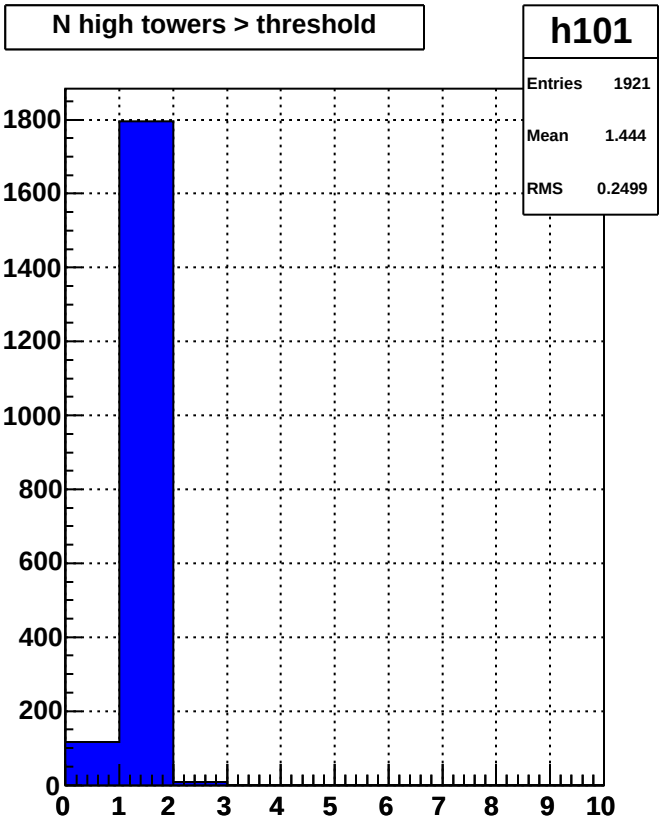
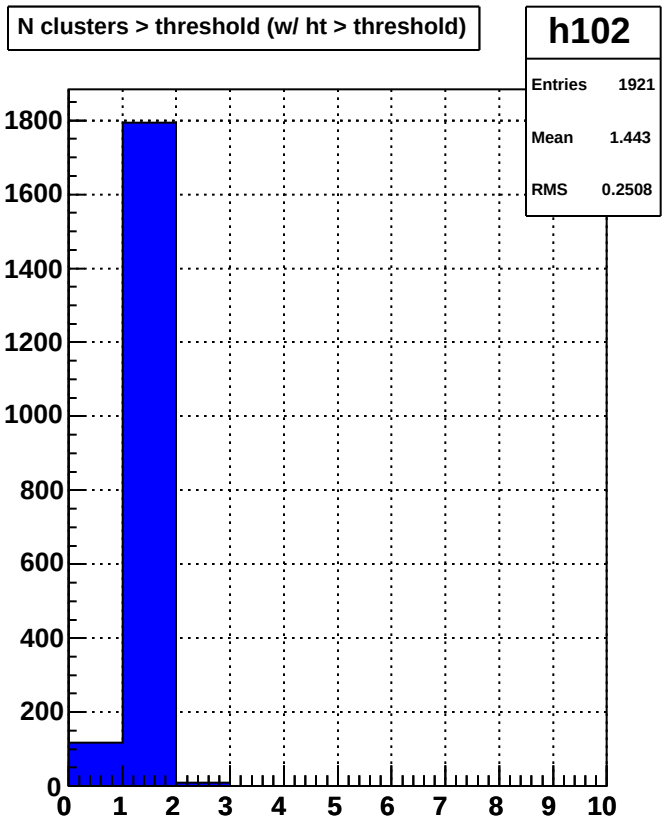
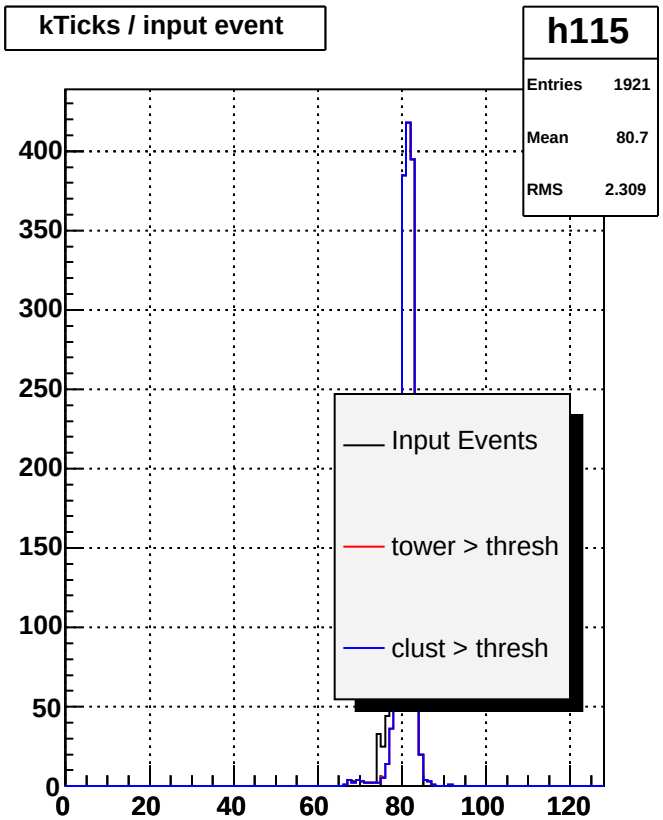
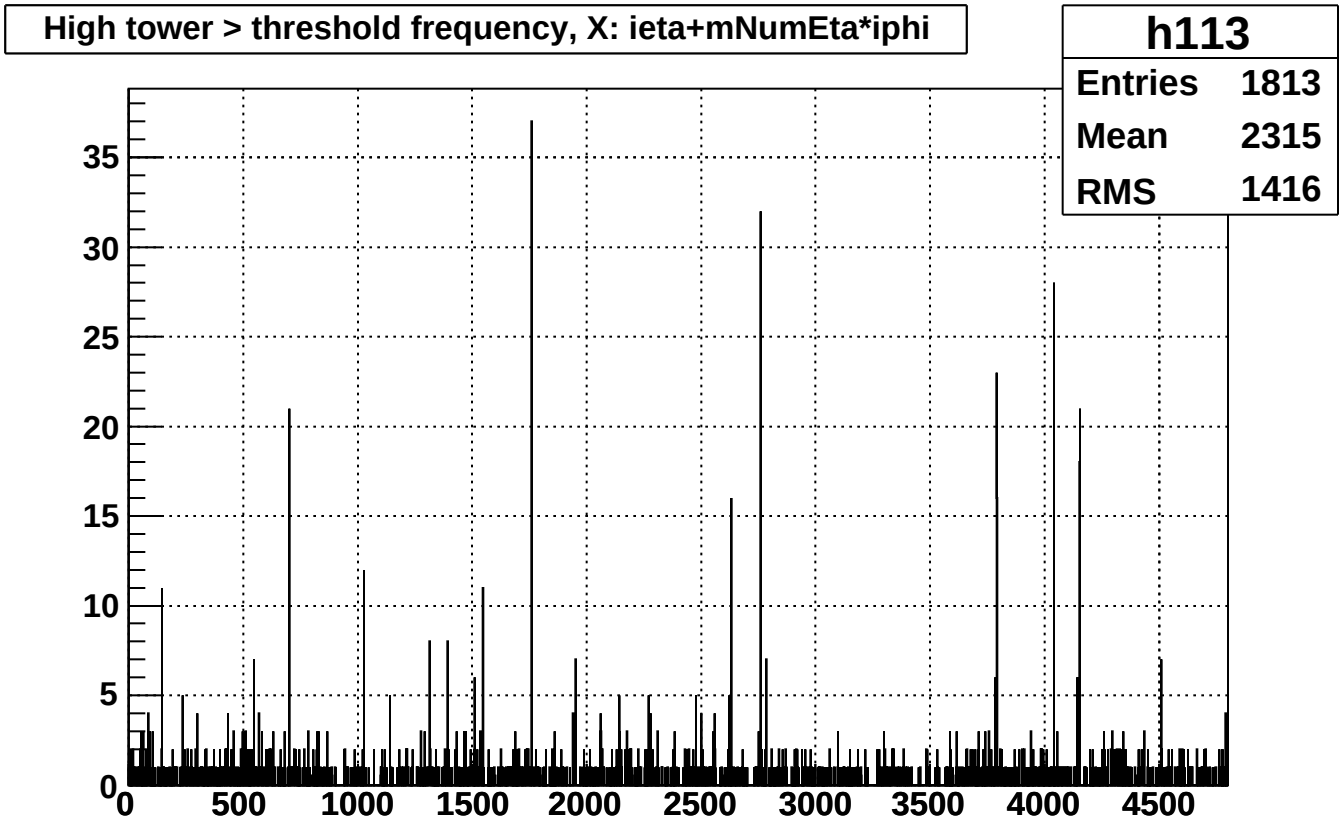
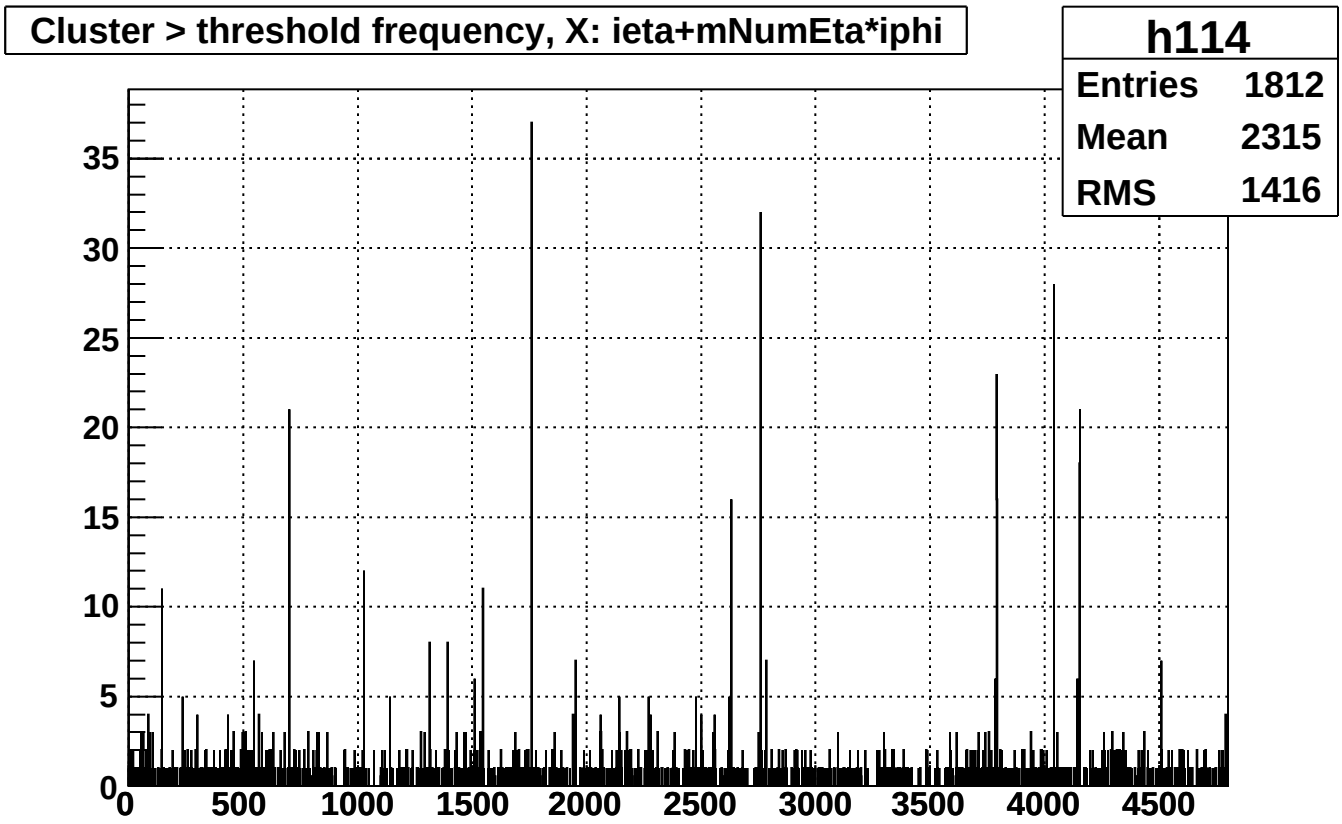

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 7449
Mean 2
RMS 1.132

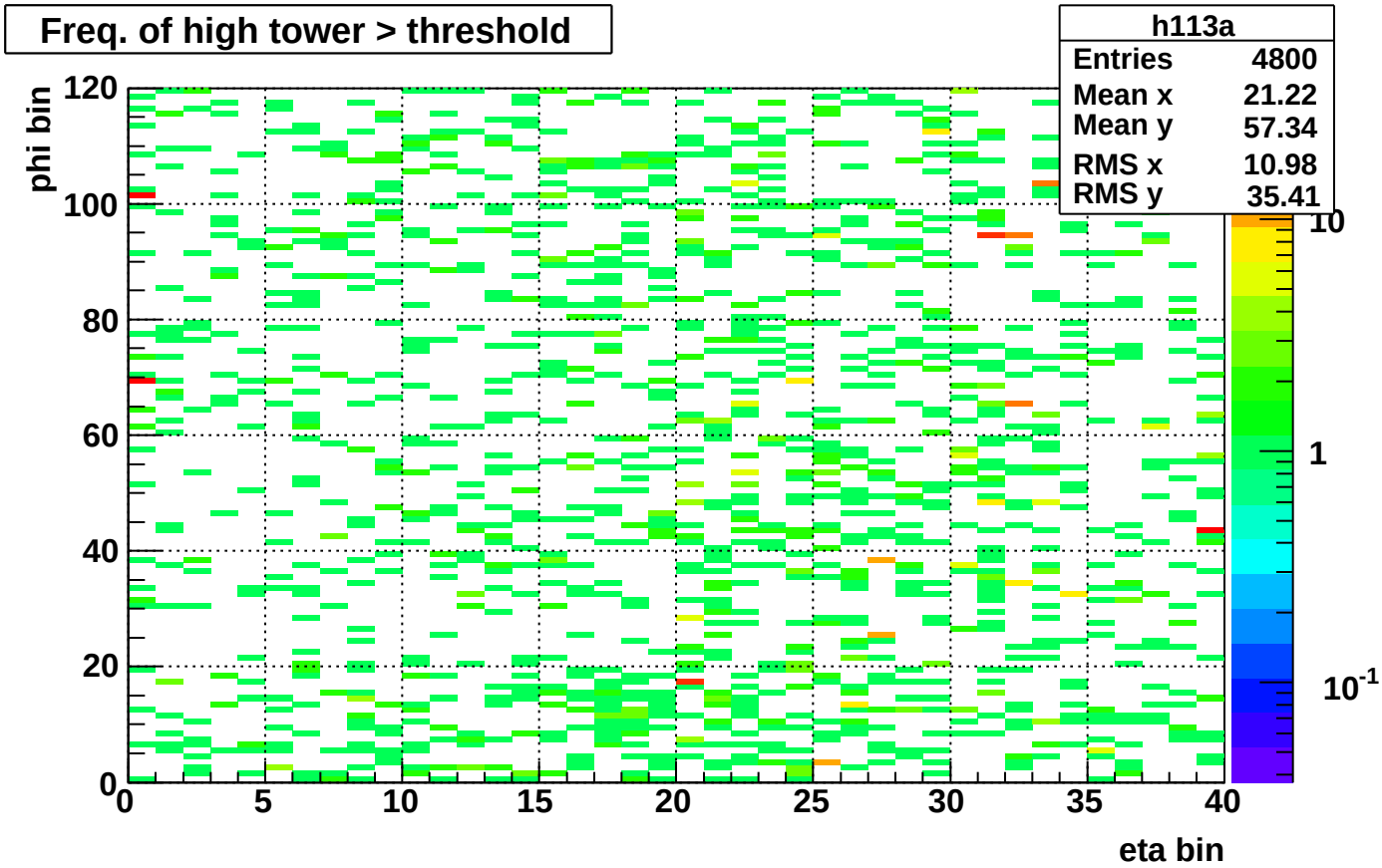

N high towers > threshold
h101
Entries 1921
Mean 1.444
RMS 0.2499

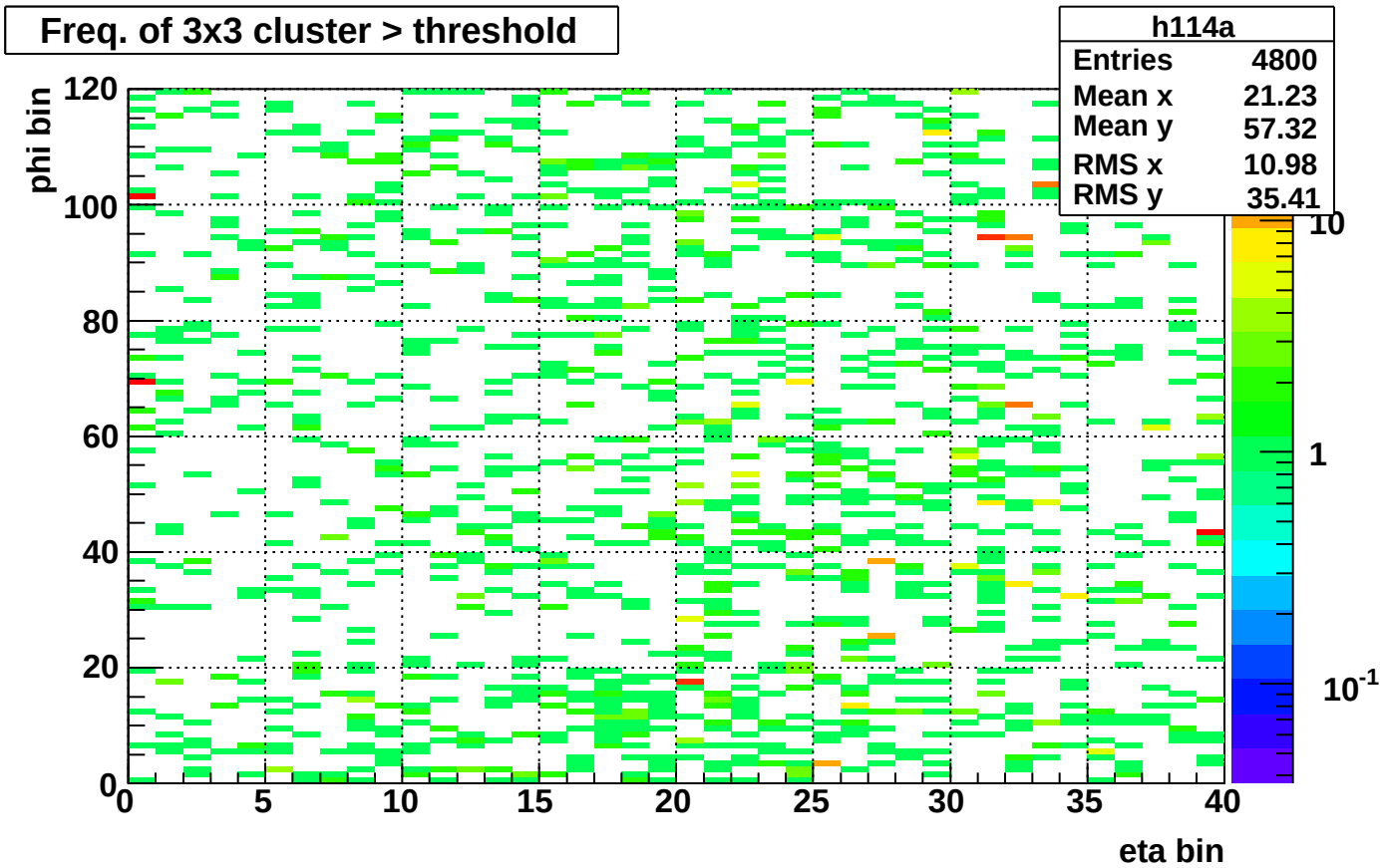

N clusters > threshold (w/ ht > threshold)
h102
Entries 1921
Mean 1.443
RMS 0.2508

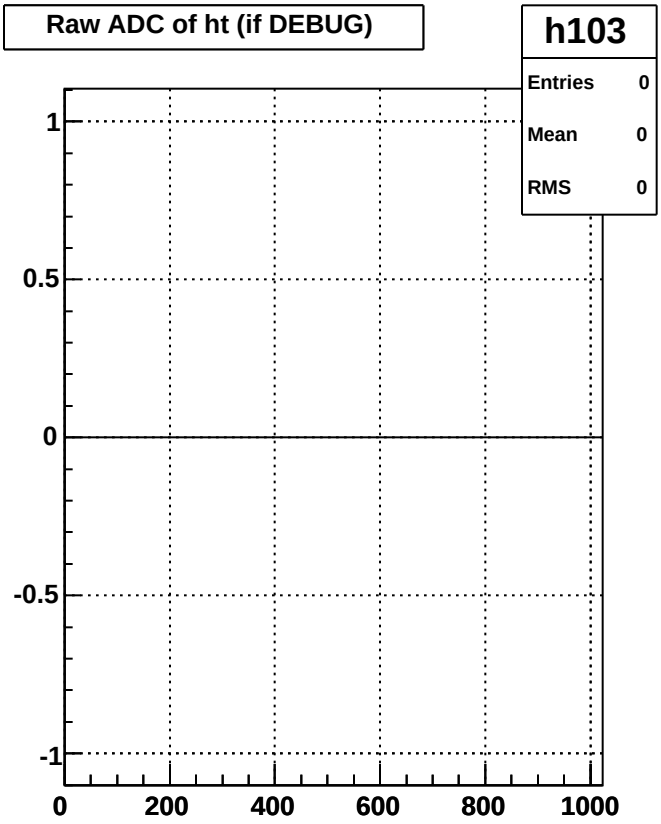

kTicks / input event
h115
Entries 1921
Mean 80.7
RMS 2.309
Input Events
tower > thresh
clust > thresh

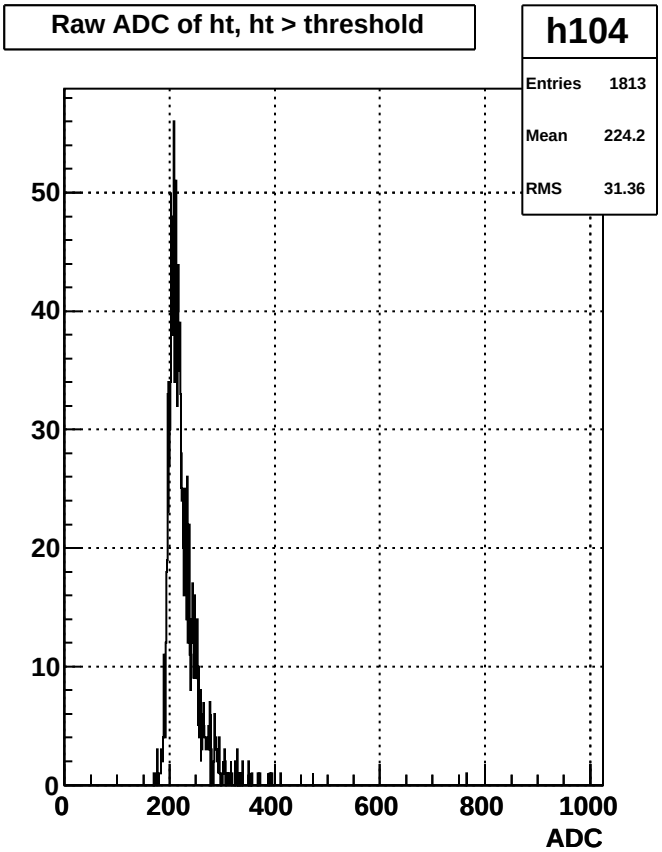

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 1813
Mean 2315
RMS 1416
0
5
10
15
20
25
30
35
0
500
1000
1500
2000
2500
3000
3500
4000
4500

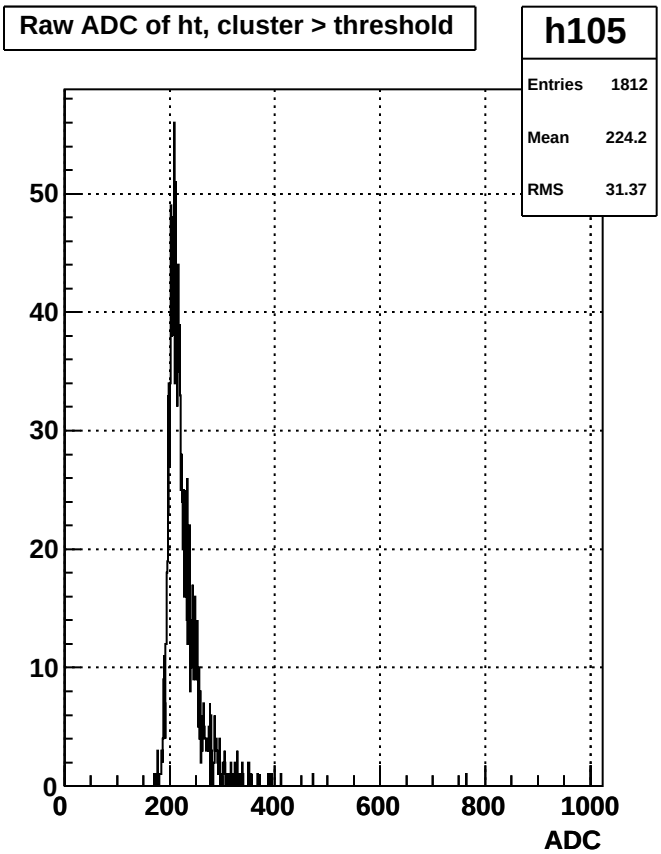

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 1812
Mean 2315
RMS 1416
0
5
10
15
20
25
30
35
0
500
1000
1500
2000
2500
3000
3500
4000
4500

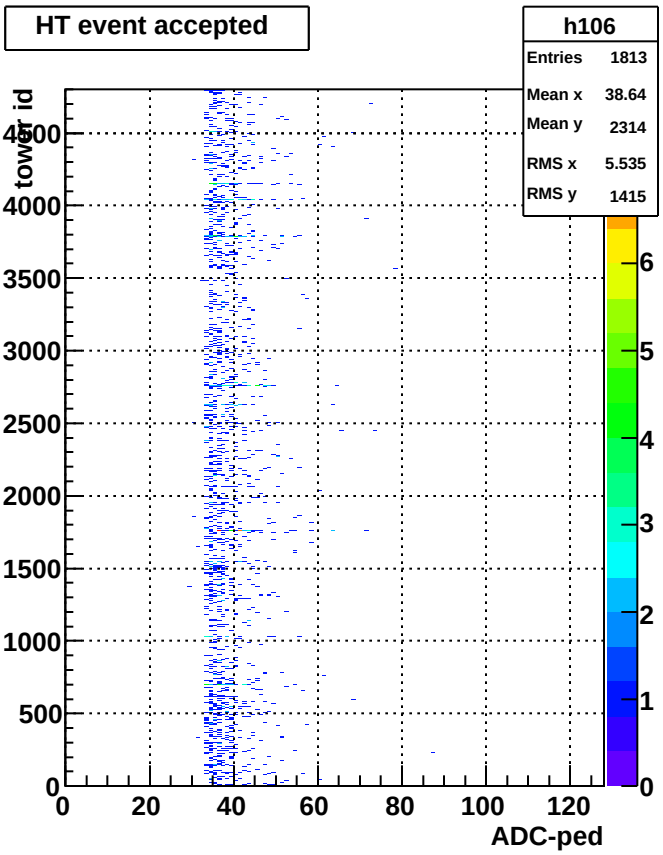

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 21.22
Mean y 57.34
RMS x 10.98
RMS y 35.41
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
10
1
10^{-1}

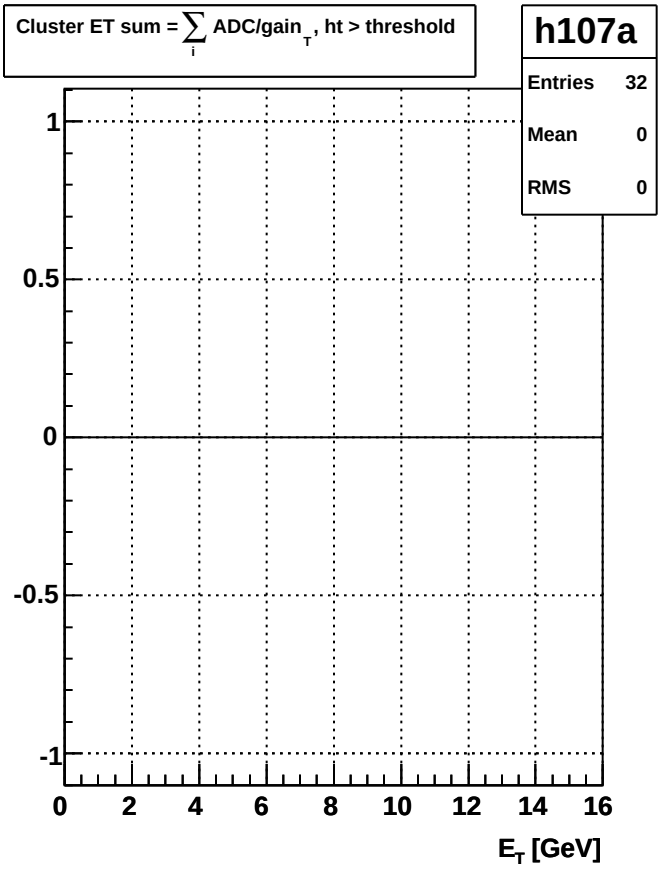

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 21.23
Mean y 57.32
RMS x 10.98
RMS y 35.41
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
10
1
10^{-1}

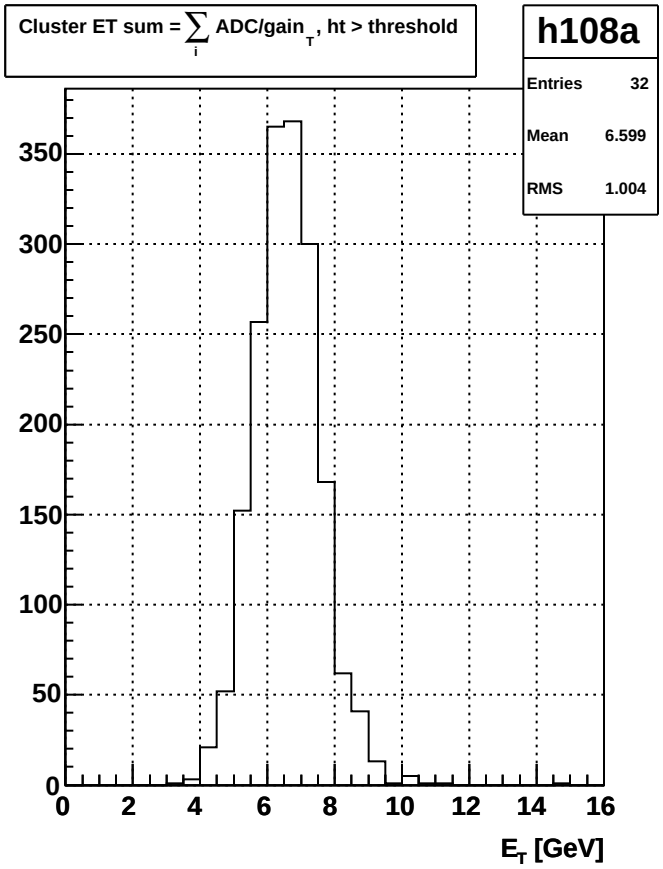

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

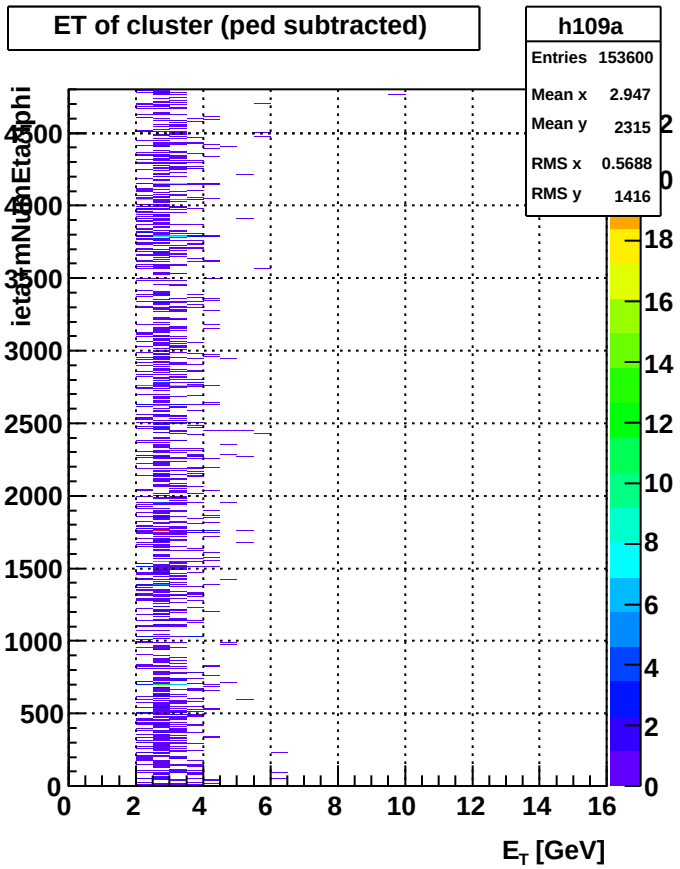

Raw ADC of ht, ht > threshold
h104
Entries 1813
Mean 224.2
RMS 31.36
50
40
30
20
10
0
0
200
400
600
800
1000
ADC

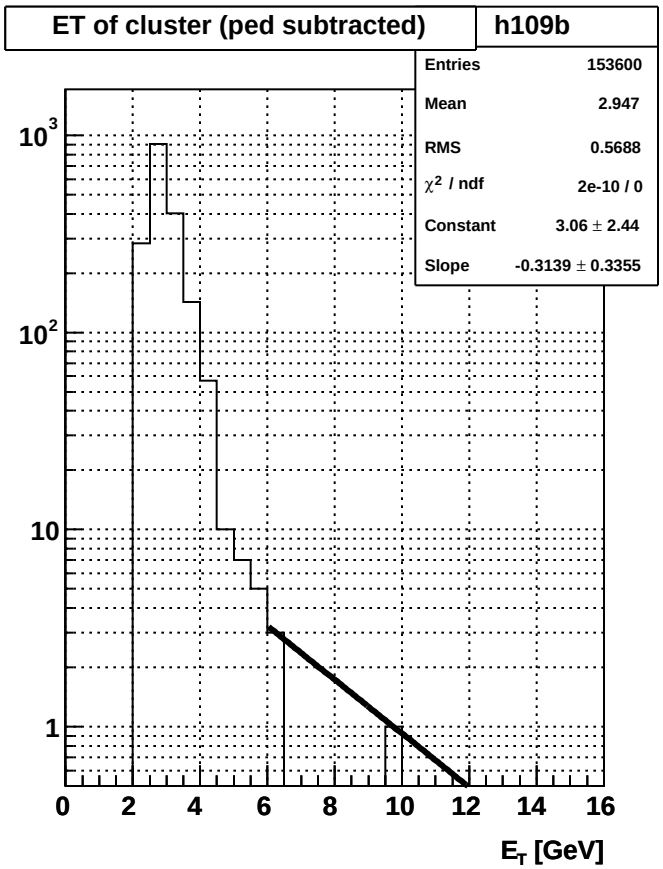

Raw ADC of ht, cluster > threshold
h105
Entries 1812
Mean 224.2
RMS 31.37
50
40
30
20
10
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 1813
Mean x 38.64
Mean y 2314
RMS x 5.535
RMS y 1415
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
ADC-ped
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 6.599
RMS 1.004
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 2.947
Mean y 2315
RMS x 0.5688
RMS y 1416
ietaNumEtaphi
E_T [GeV]


ET of cluster (ped subtracted)
h109b
Entries 153600
Mean 2.947
RMS 0.5688
χ^2 / ndf 2e-10 / 0
Constant 3.06 ± 2.44
Slope -0.3139 ± 0.3355
E_T [GeV]