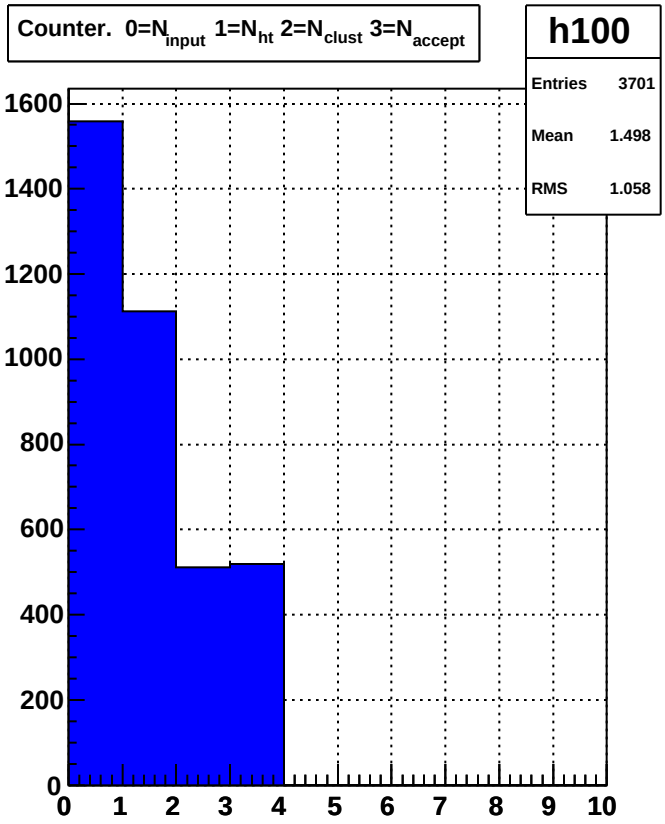
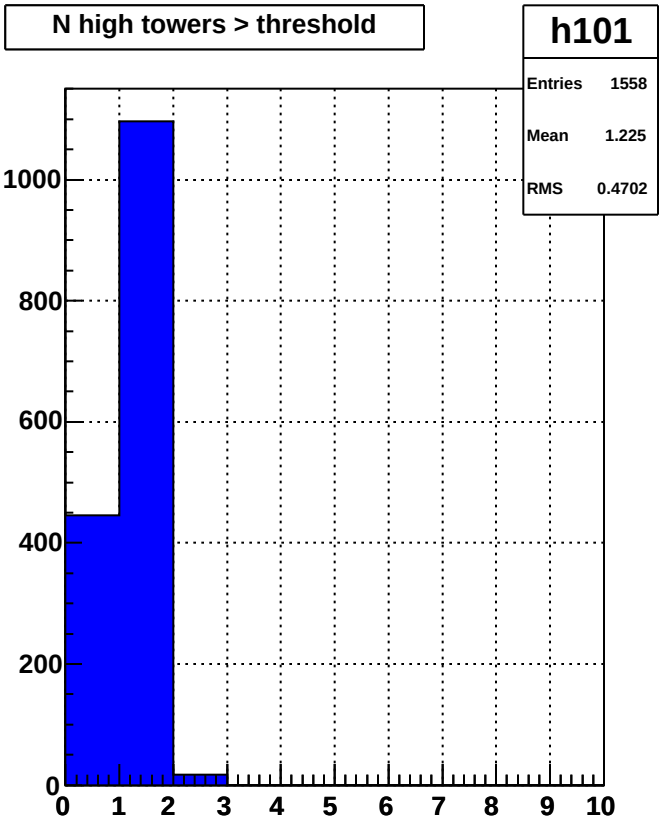
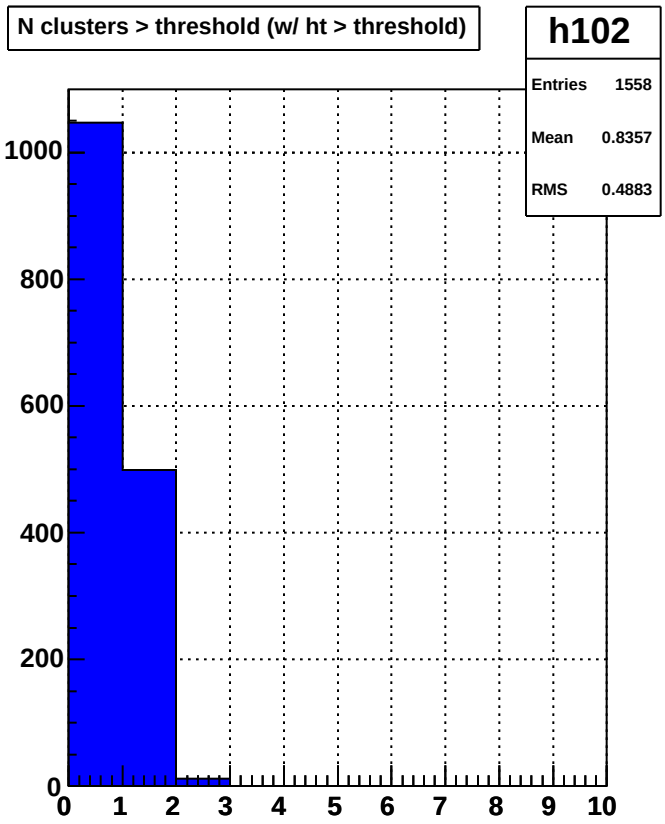
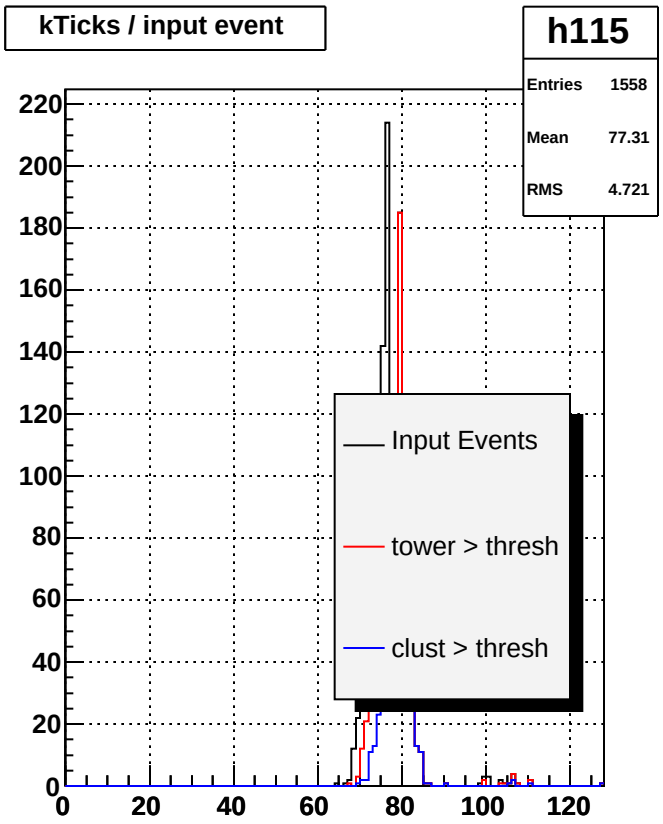
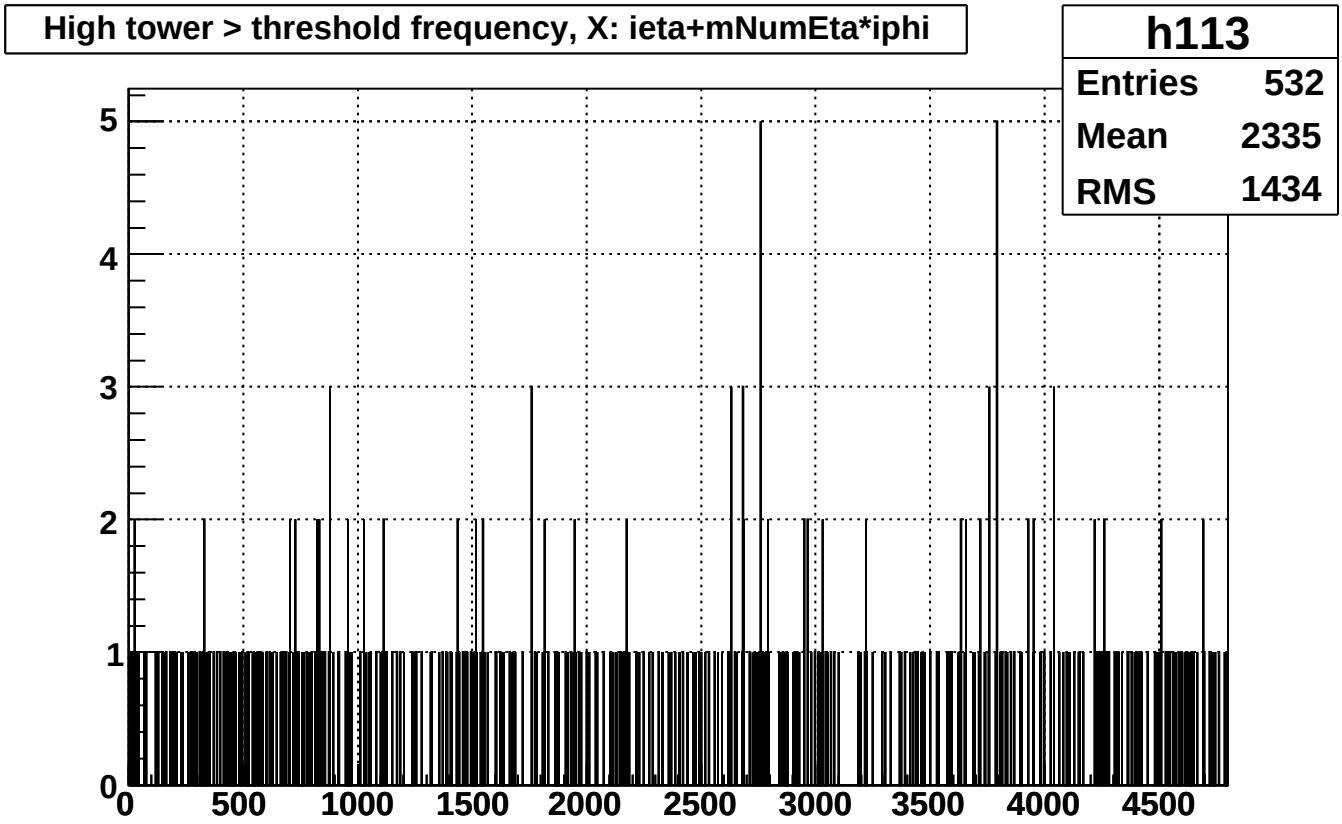
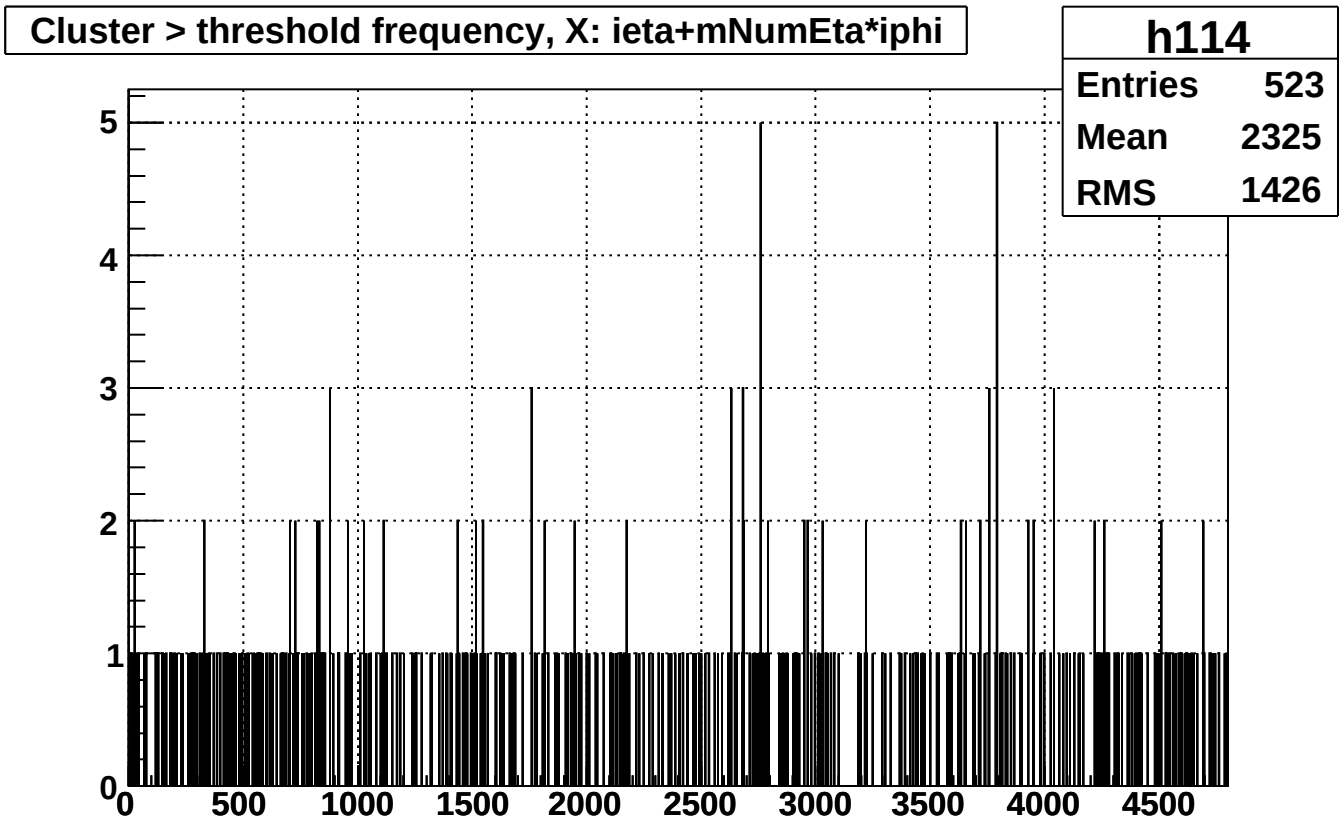

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 3701
Mean 1.498
RMS 1.058

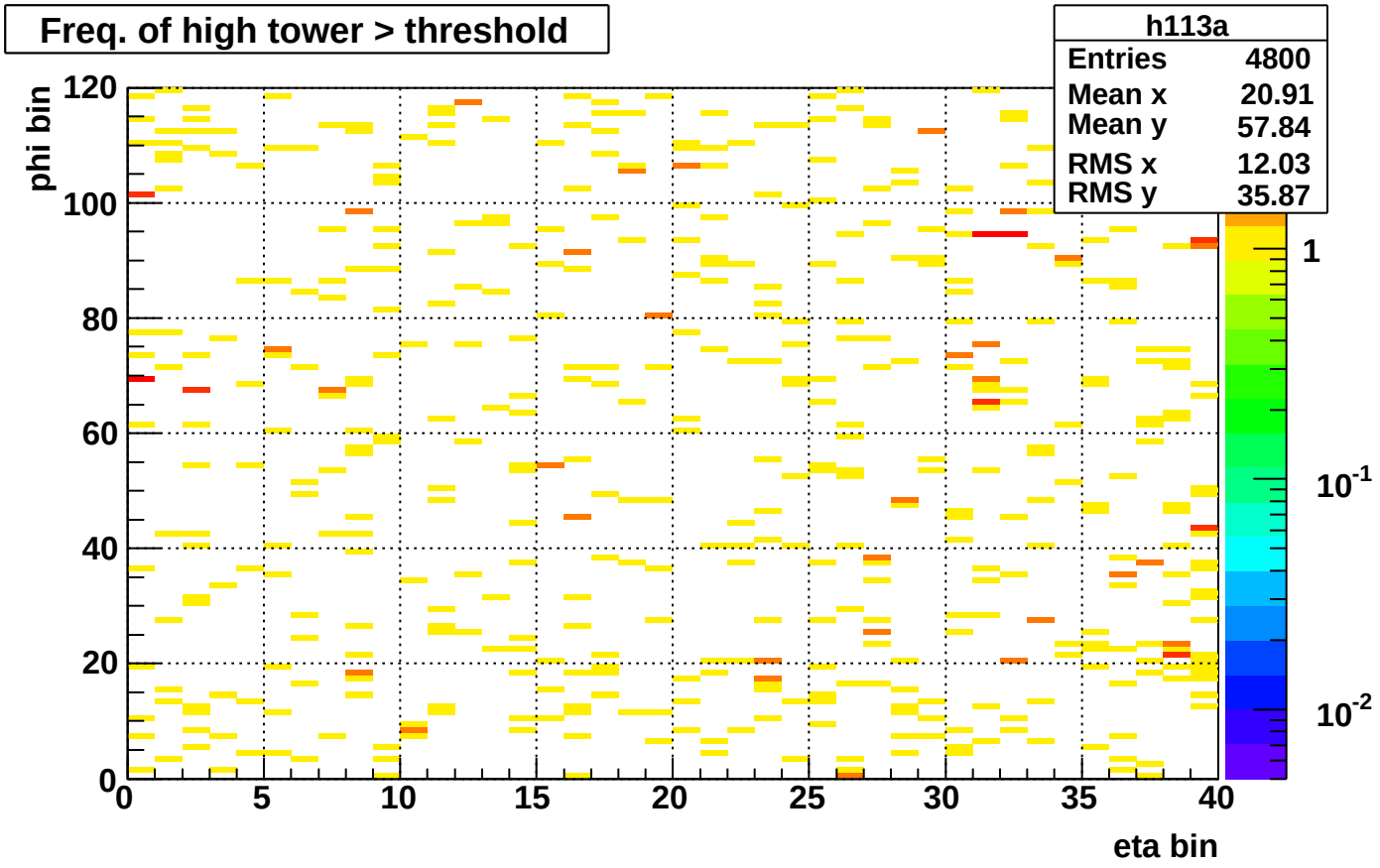

N high towers > threshold
h101
Entries 1558
Mean 1.225
RMS 0.4702

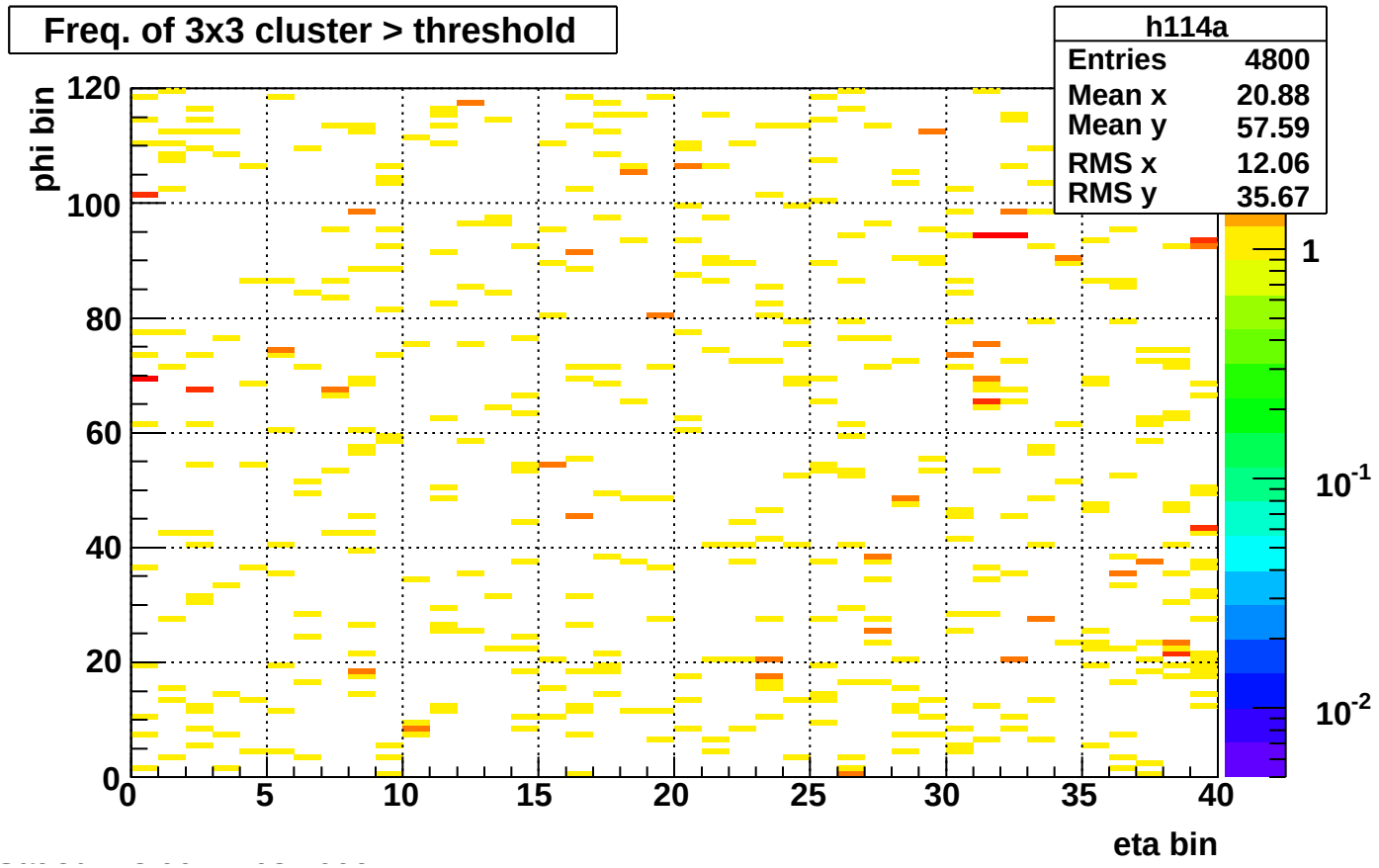

N clusters > threshold (w/ ht > threshold)
h102
Entries 1558
Mean 0.8357
RMS 0.4883

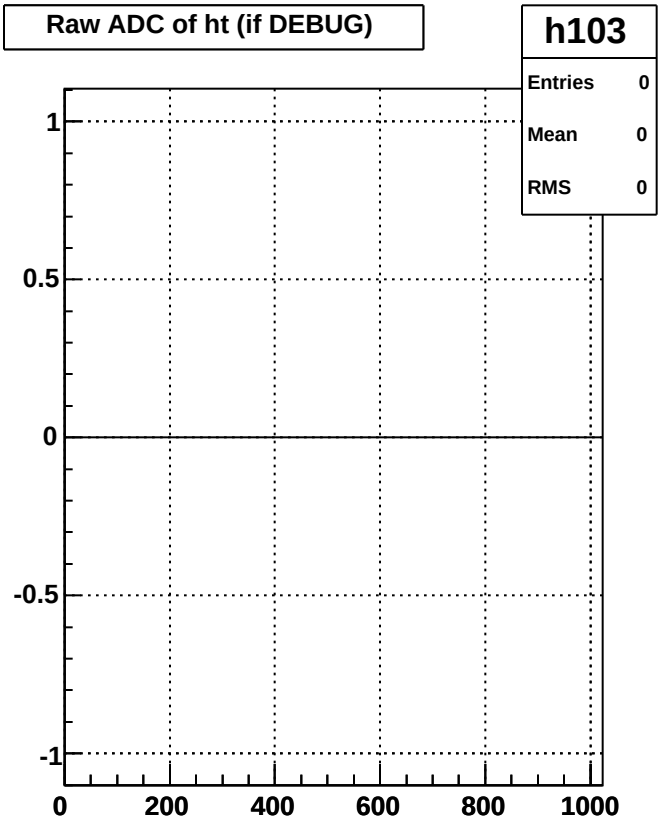

kTicks / input event
h115
Entries 1558
Mean 77.31
RMS 4.721
Input Events
tower > thresh
clust > thresh

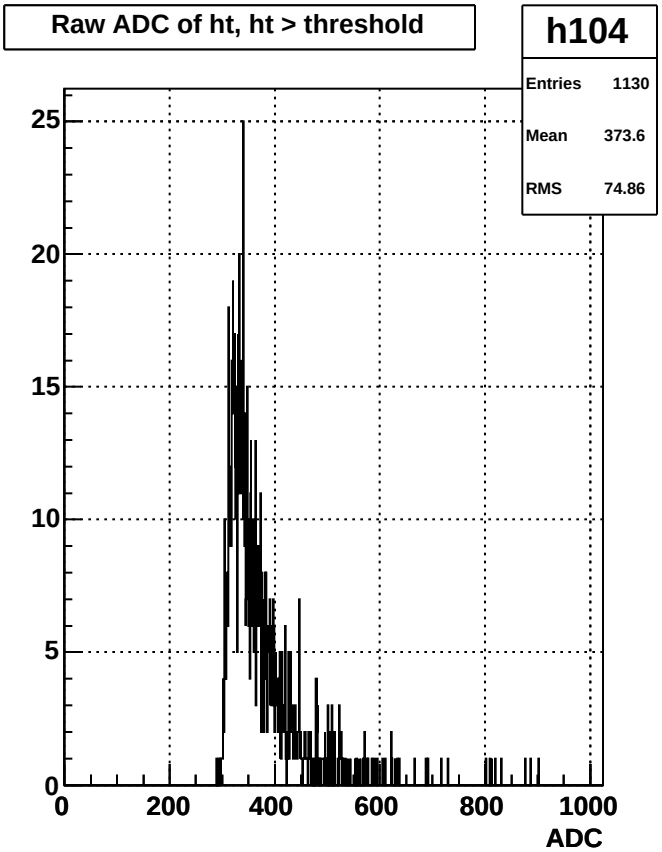

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 532
Mean 2335
RMS 1434
0
1
2
3
4
5
0
500
1000
1500
2000
2500
3000
3500
4000
4500

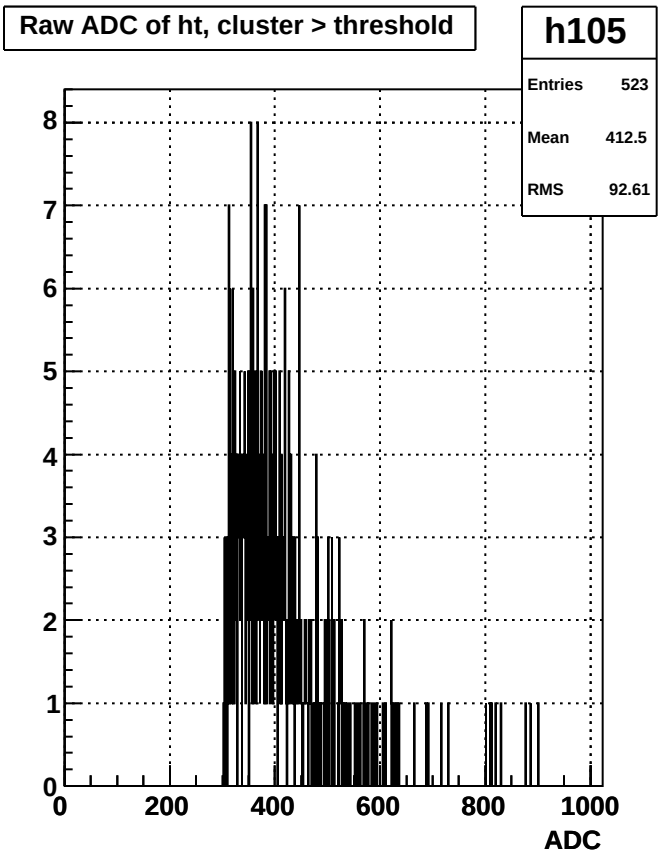

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 523
Mean 2325
RMS 1426
0
1
2
3
4
5
0
500
1000
1500
2000
2500
3000
3500
4000
4500

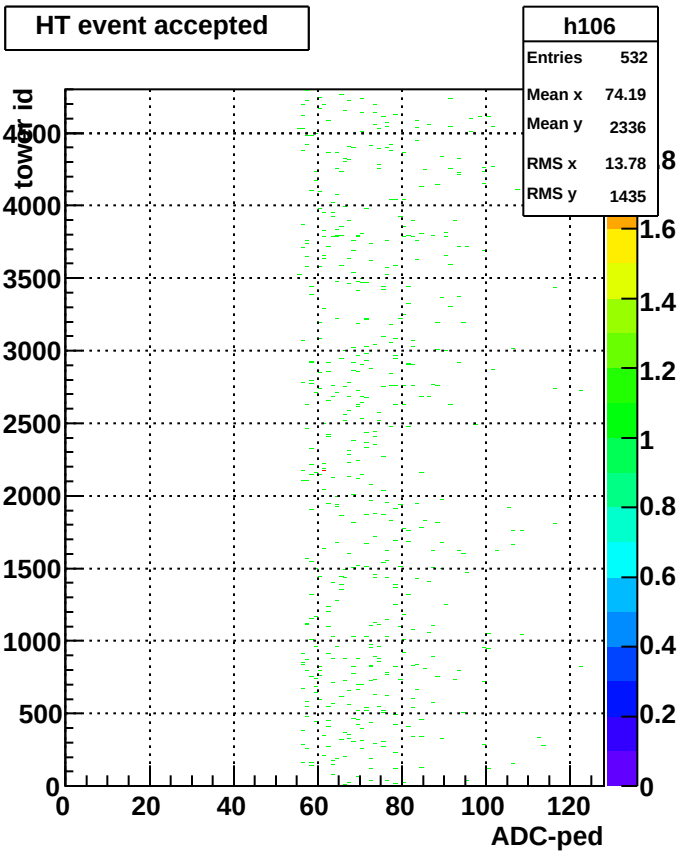

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 20.91
Mean y 57.84
RMS x 12.03
RMS y 35.87
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}
10^{-2}

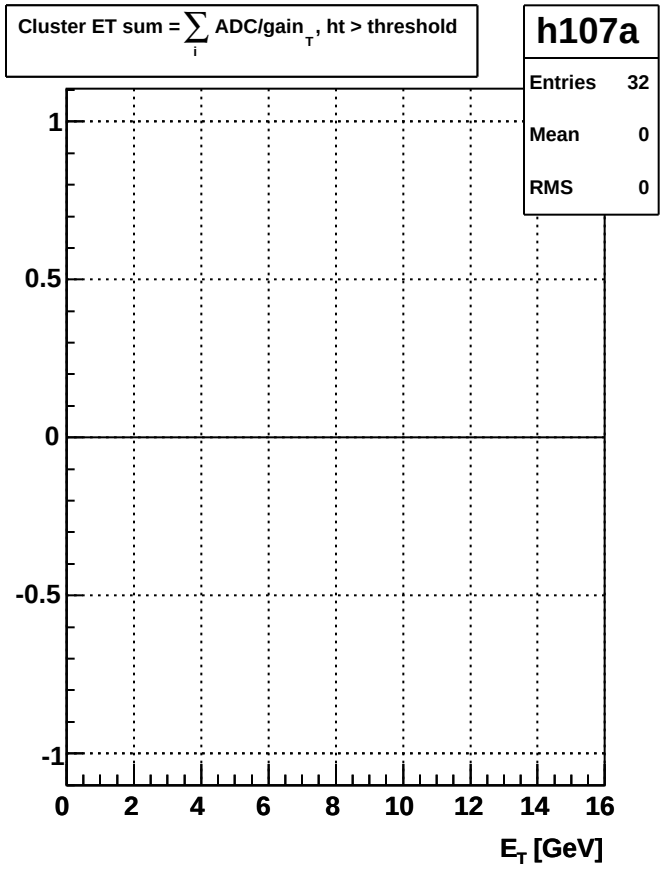

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 20.88
Mean y 57.59
RMS x 12.06
RMS y 35.67
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}
10^{-2}

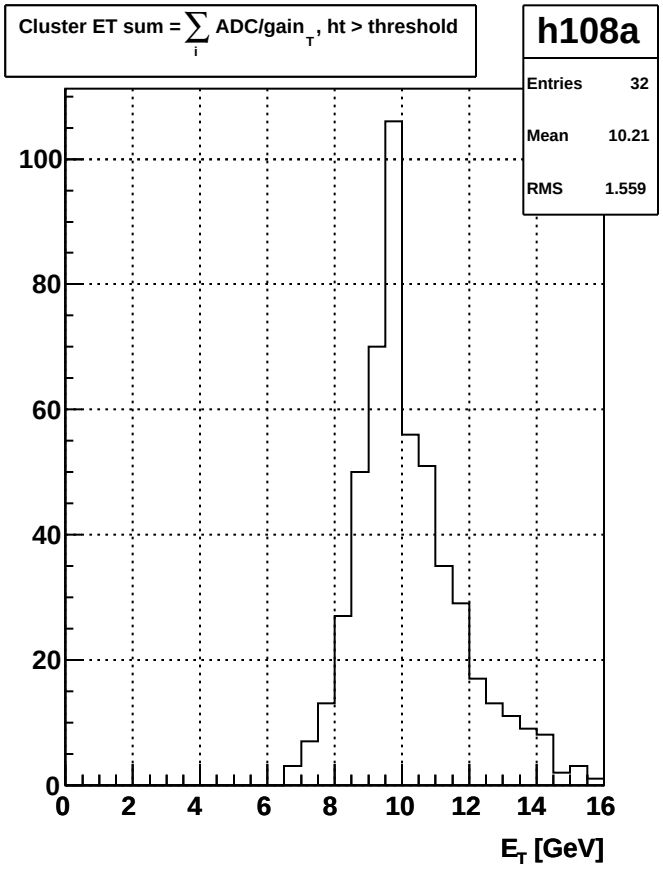

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

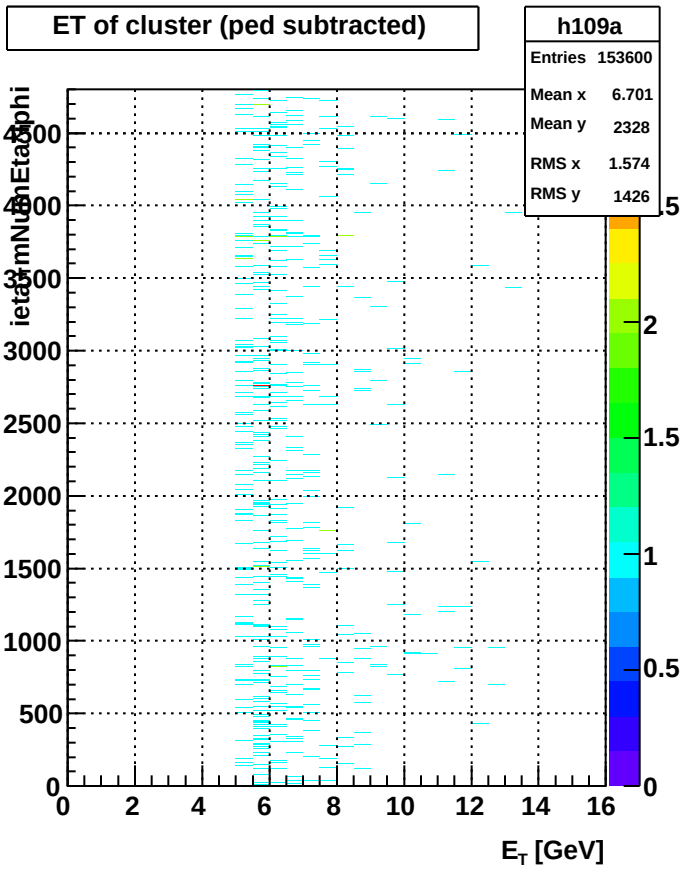

Raw ADC of ht, ht > threshold
h104
Entries 1130
Mean 373.6
RMS 74.86
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 523
Mean 412.5
RMS 92.61
8
7
6
5
4
3
2
1
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 532
Mean x 74.19
Mean y 2336
RMS x 13.78
RMS y 1435
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
ADC-ped
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
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 10.21
RMS 1.559
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 6.701
Mean y 2328
RMS x 1.574
RMS y 1426
ietaTimNumEtaPhi
E_T [GeV]