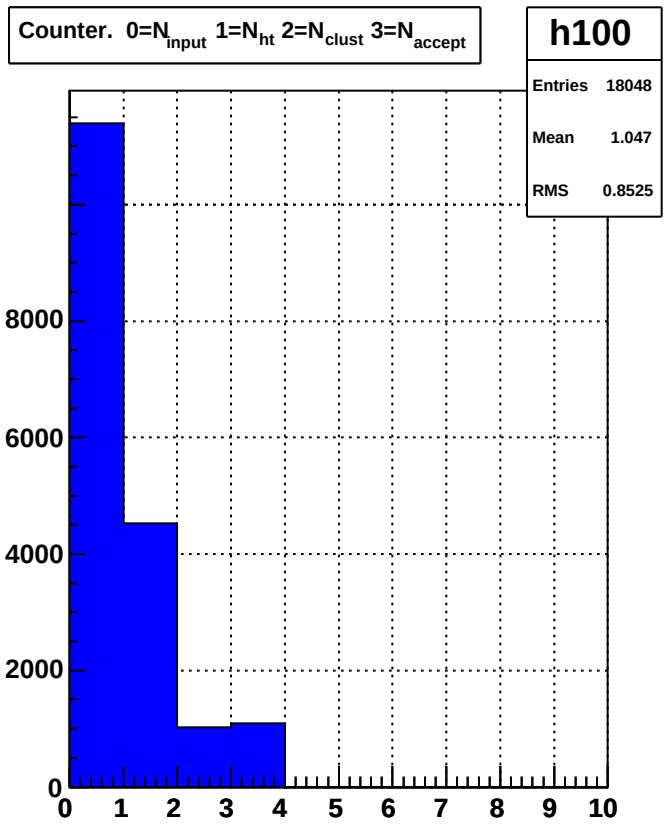
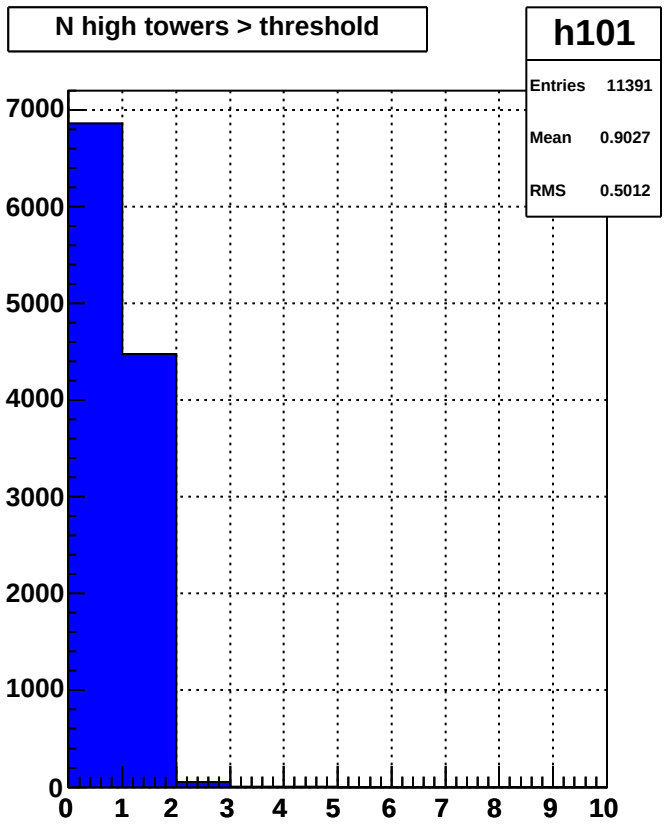
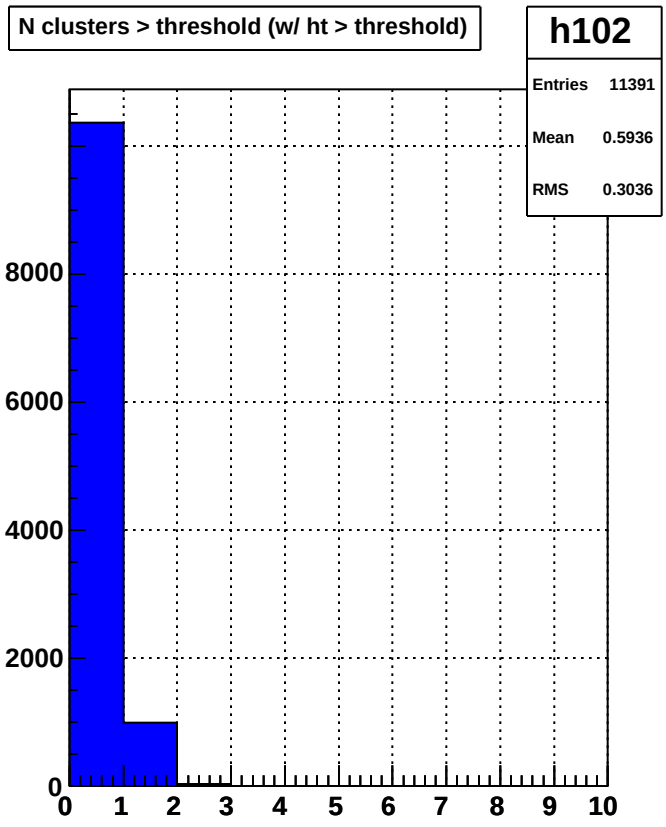
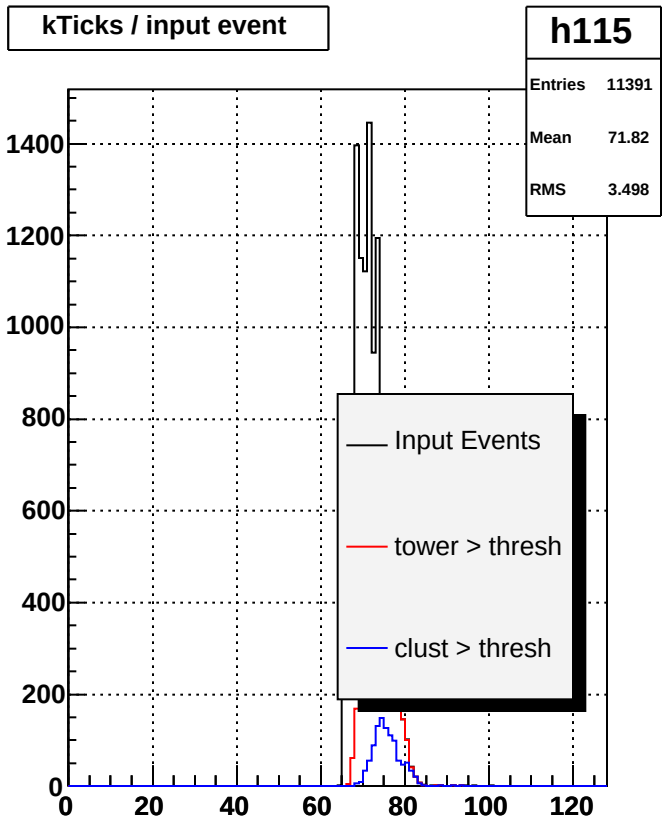
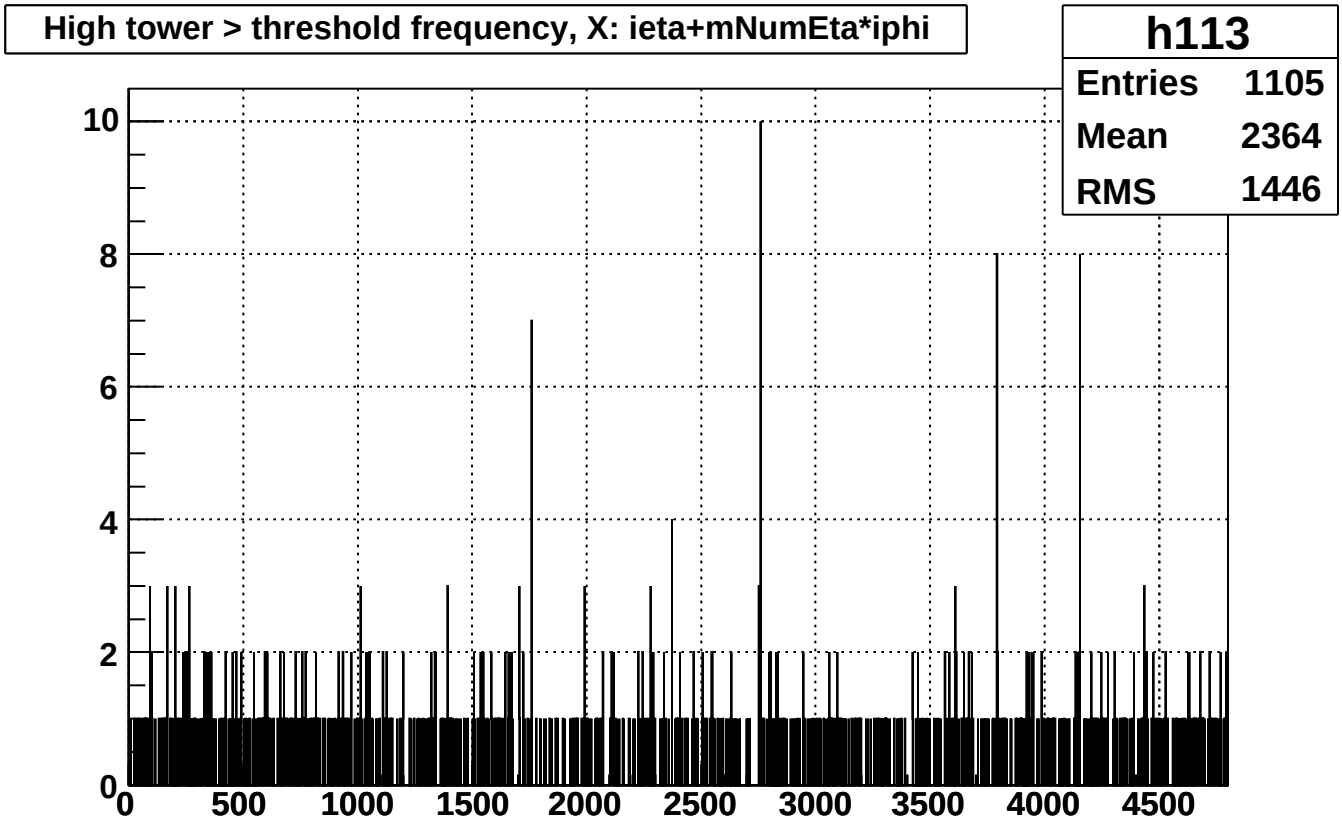
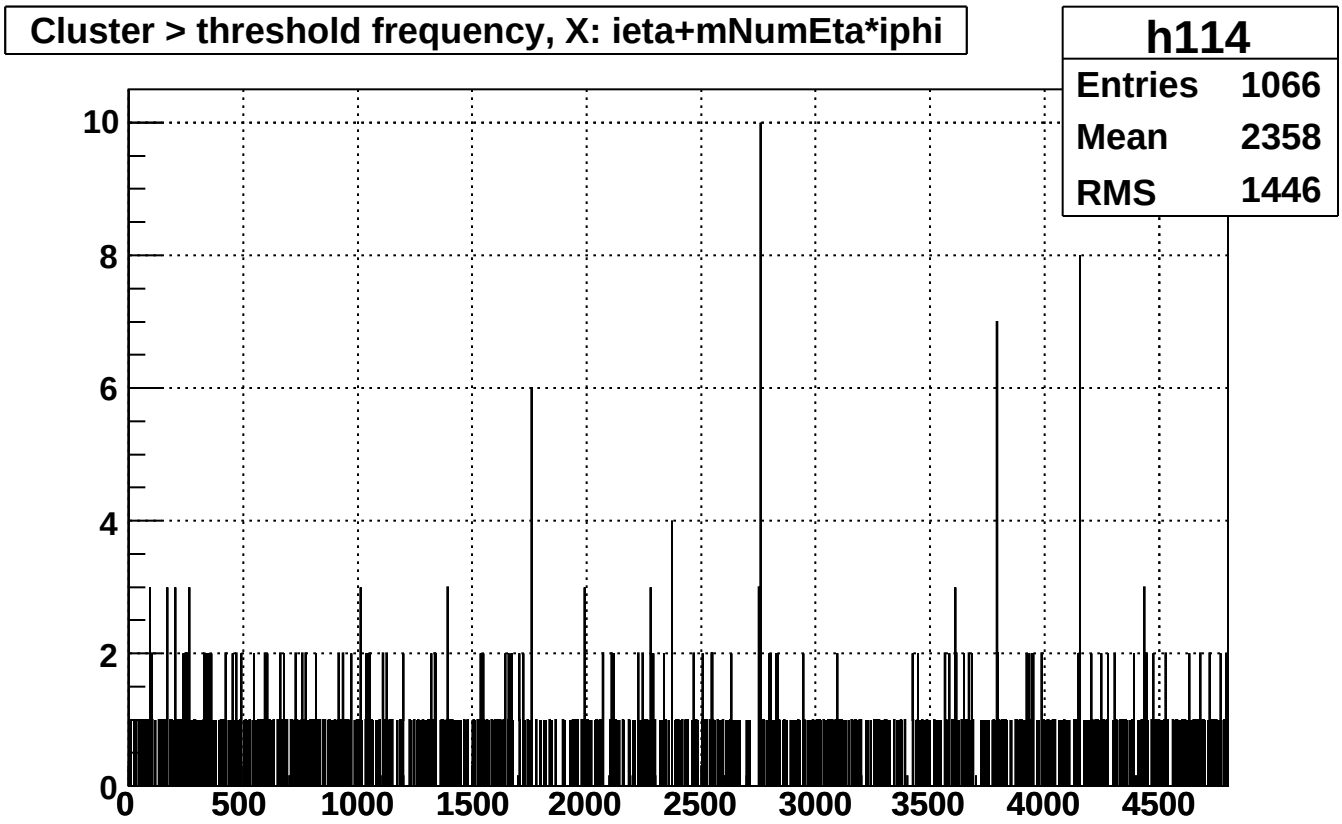

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 18048
Mean 1.047
RMS 0.8525
0
2000
4000
6000
8000
0 1 2 3 4 5 6 7 8 9 10

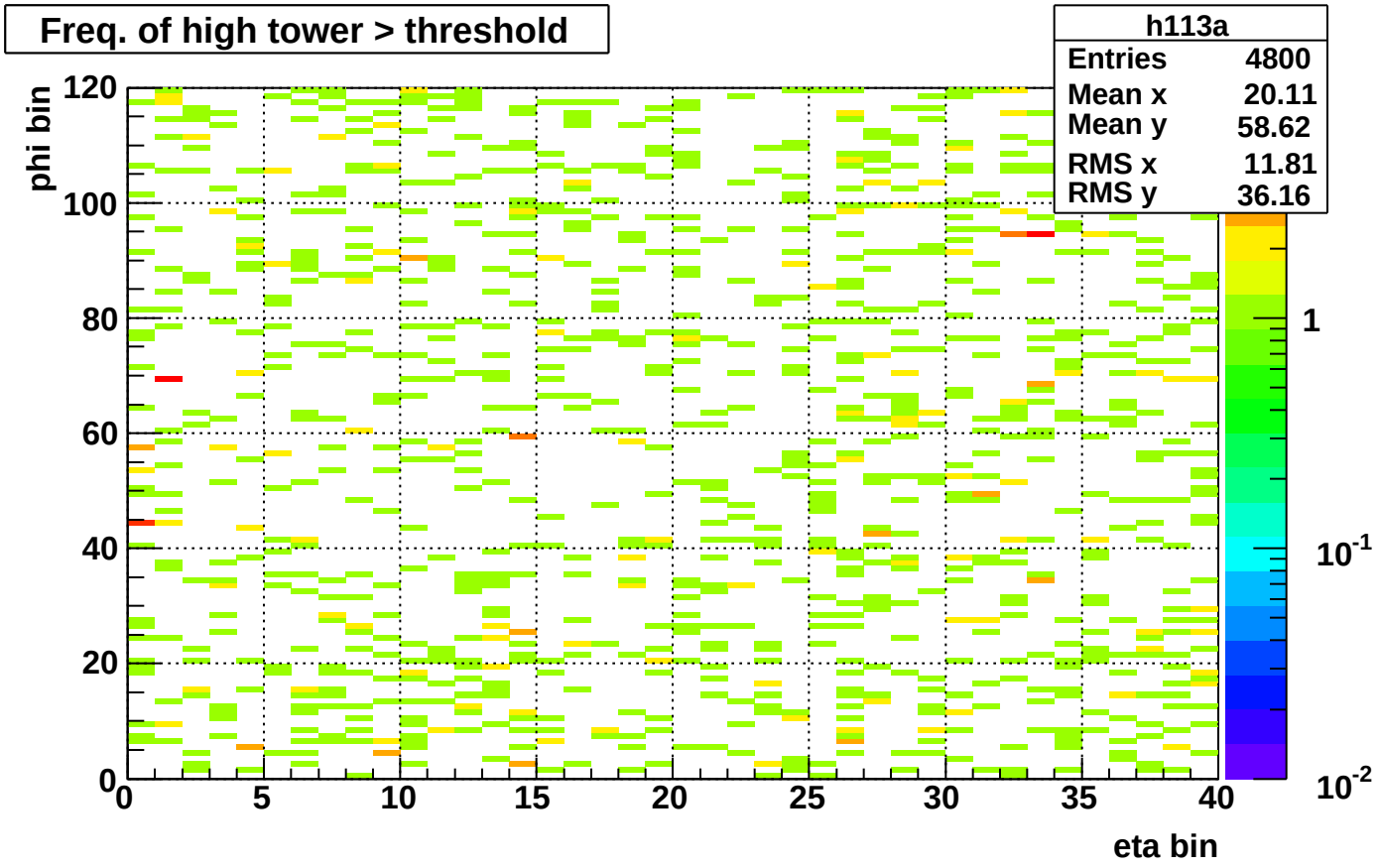

N high towers > threshold
h101
Entries 11391
Mean 0.9027
RMS 0.5012
0
1000
2000
3000
4000
5000
6000
7000
0 1 2 3 4 5 6 7 8 9 10

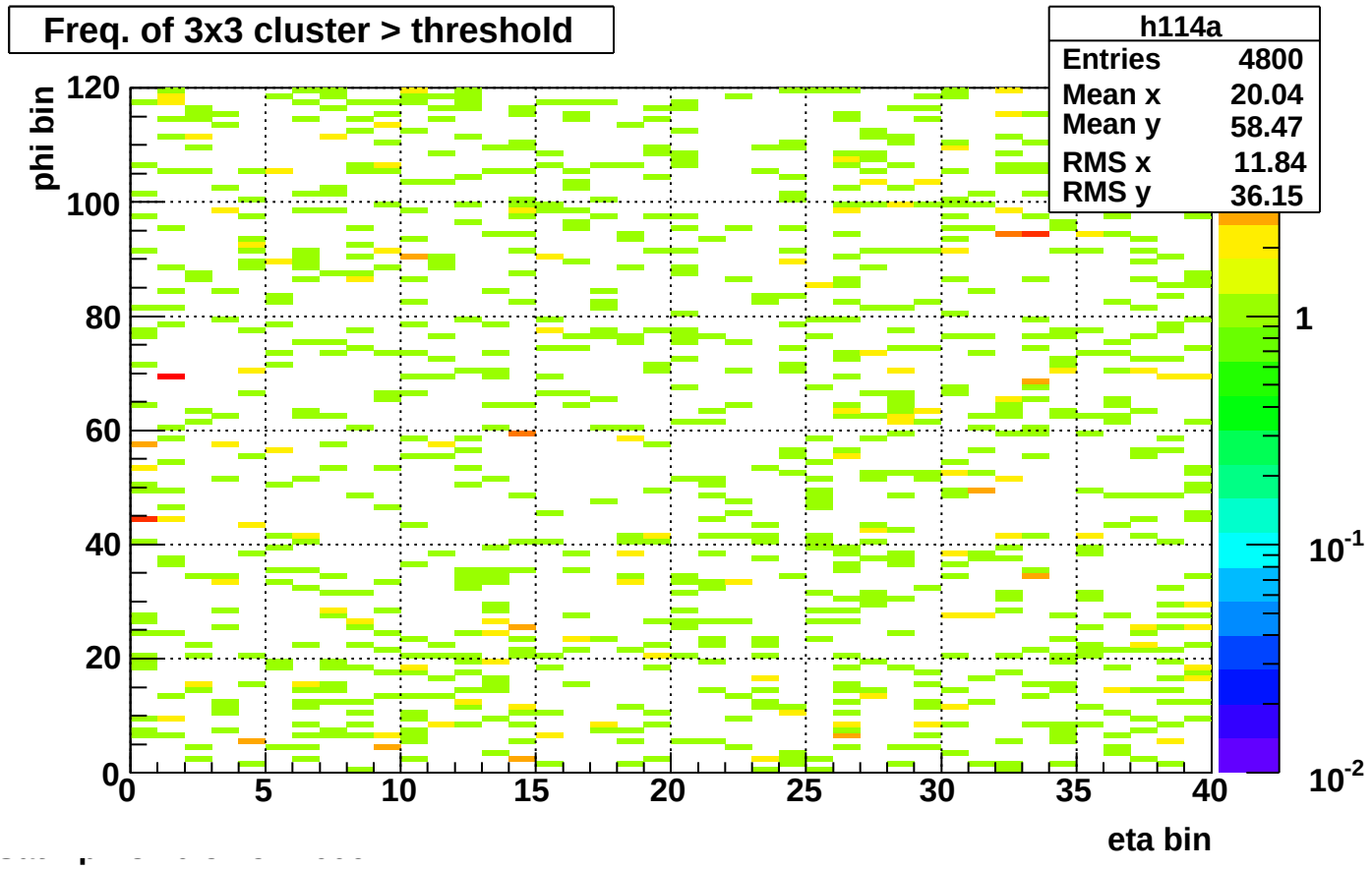

N clusters > threshold (w/ ht > threshold)
h102
Entries 11391
Mean 0.5936
RMS 0.3036
0
2000
4000
6000
8000
0 1 2 3 4 5 6 7 8 9 10

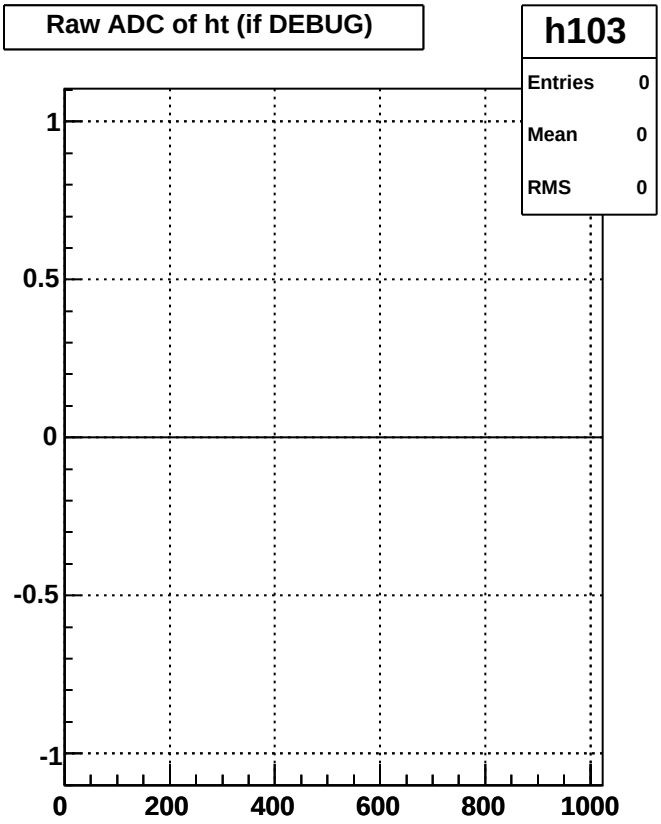

kTicks / input event
h115
Entries 11391
Mean 71.82
RMS 3.498
Input Events
tower > thresh
clust > thresh
0
200
400
600
800
1000
1200
1400
0 20 40 60 80 100 120

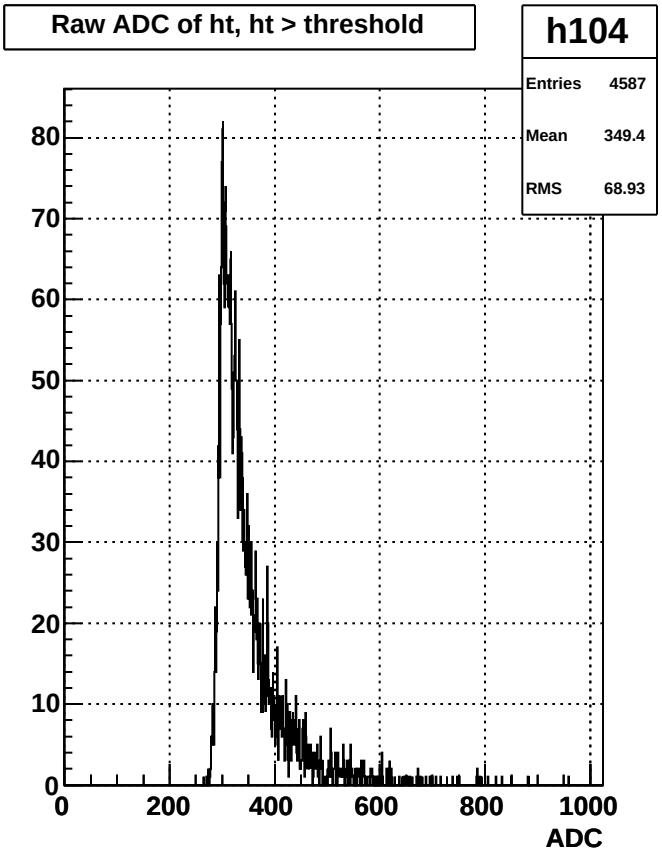

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 1105
Mean 2364
RMS 1446
0
2
4
6
8
10
0
500
1000
1500
2000
2500
3000
3500
4000
4500

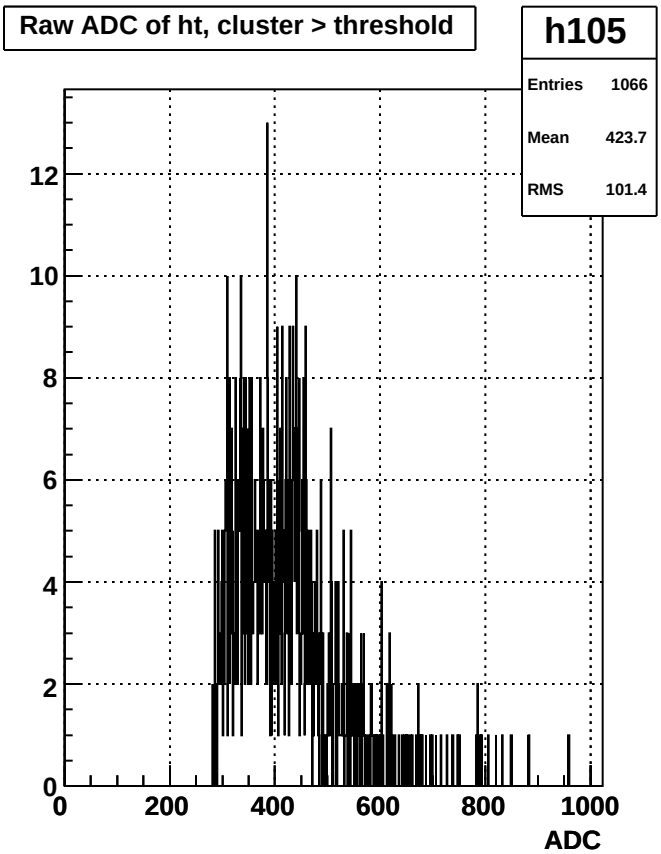

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 1066
Mean 2358
RMS 1446
0
2
4
6
8
10
0
500
1000
1500
2000
2500
3000
3500
4000
4500

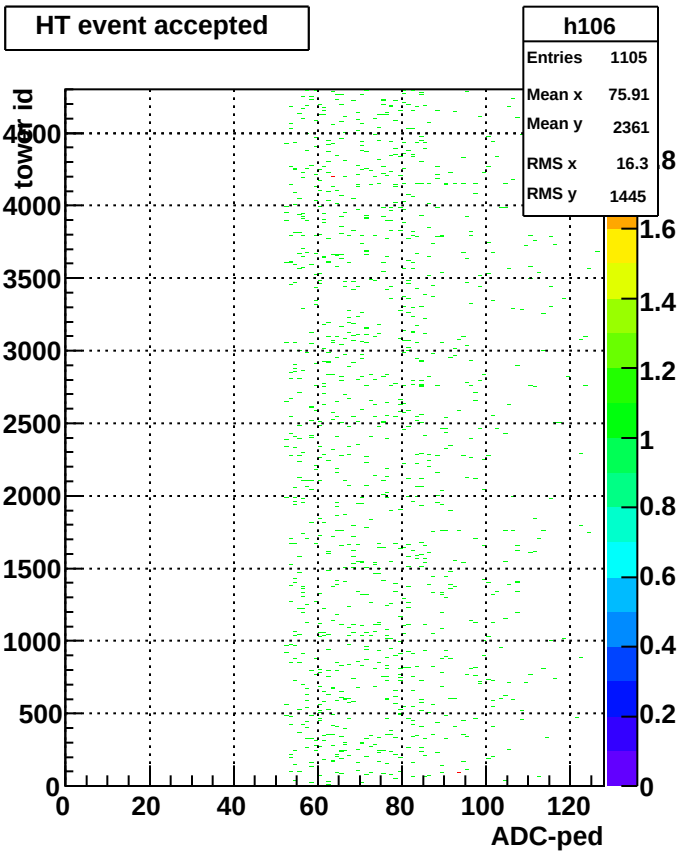

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 20.11
Mean y 58.62
RMS x 11.81
RMS y 36.16
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}
10^{-2}

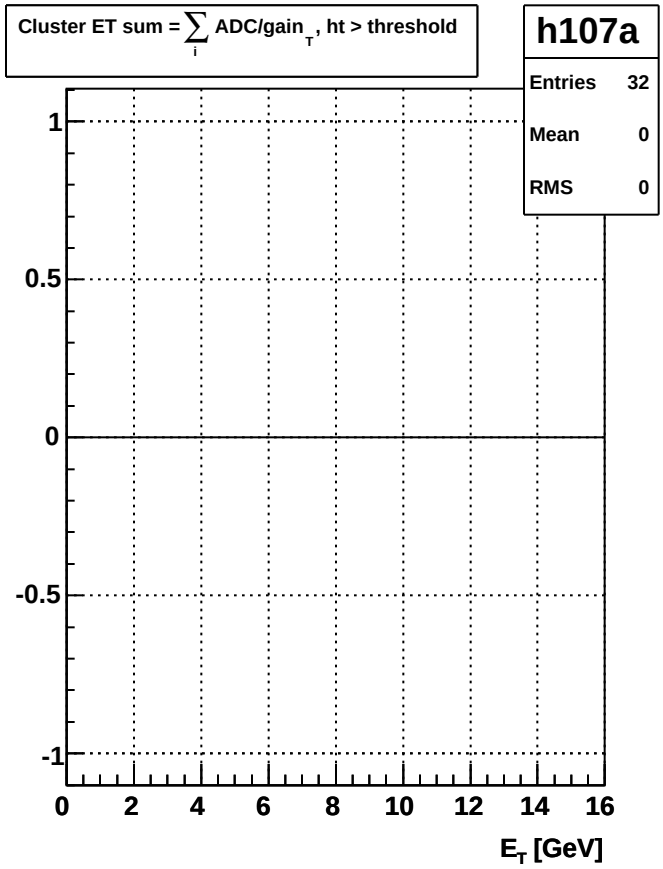

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 20.04
Mean y 58.47
RMS x 11.84
RMS y 36.15
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}
10^{-2}

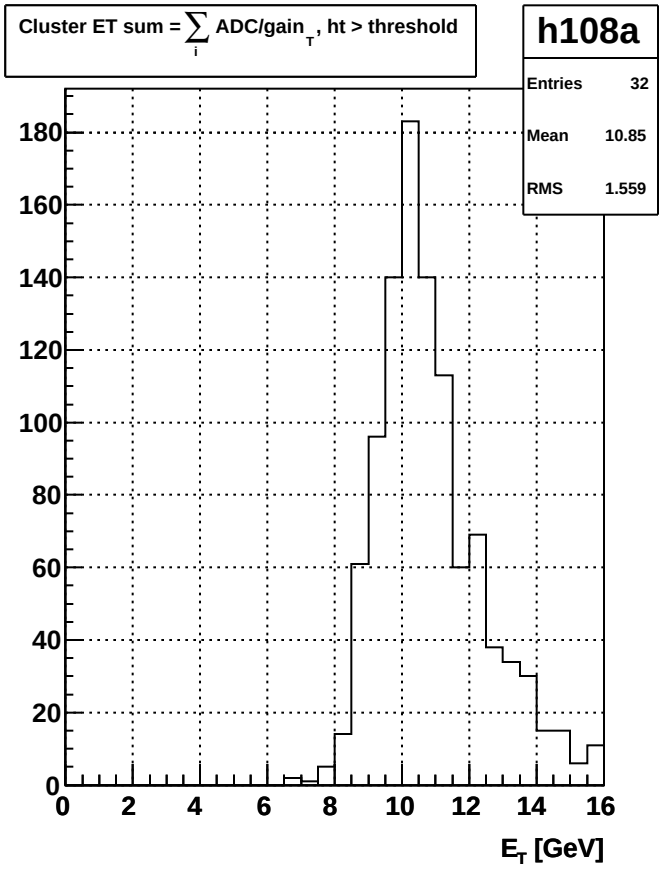

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

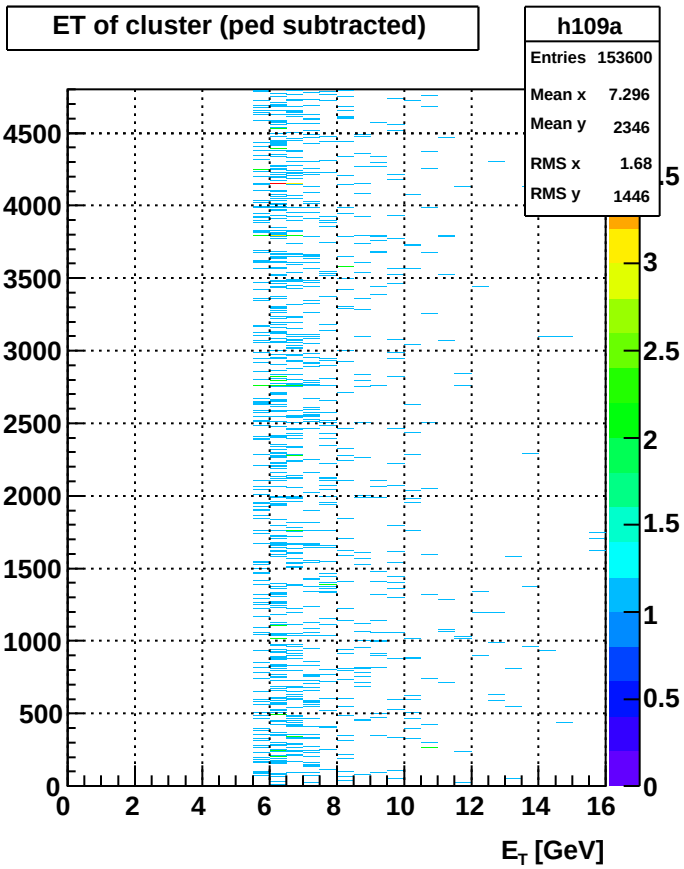

Raw ADC of ht, ht > threshold
h104
Entries 4587
Mean 349.4
RMS 68.93
80
70
60
50
40
30
20
10
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 1066
Mean 423.7
RMS 101.4
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 1105
Mean x 75.91
Mean y 2361
RMS x 16.3
RMS y 1445
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 10.85
RMS 1.559
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 7.296
Mean y 2346
RMS x 1.68
RMS y 1446
E_T [GeV]