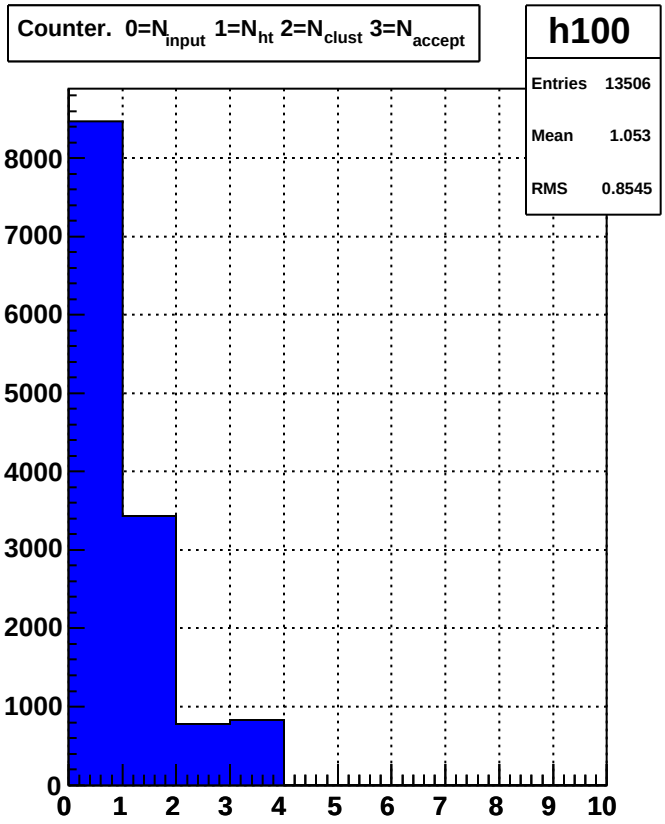
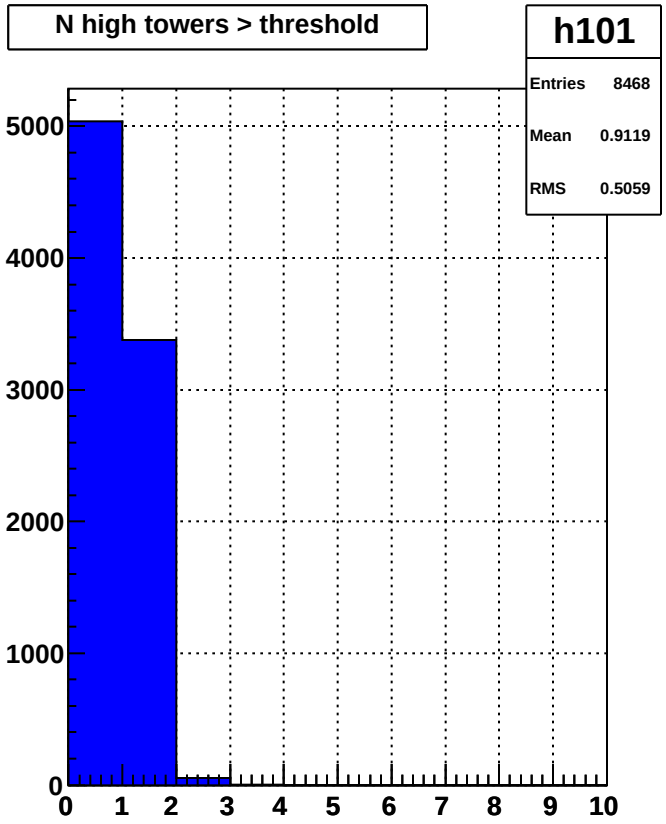
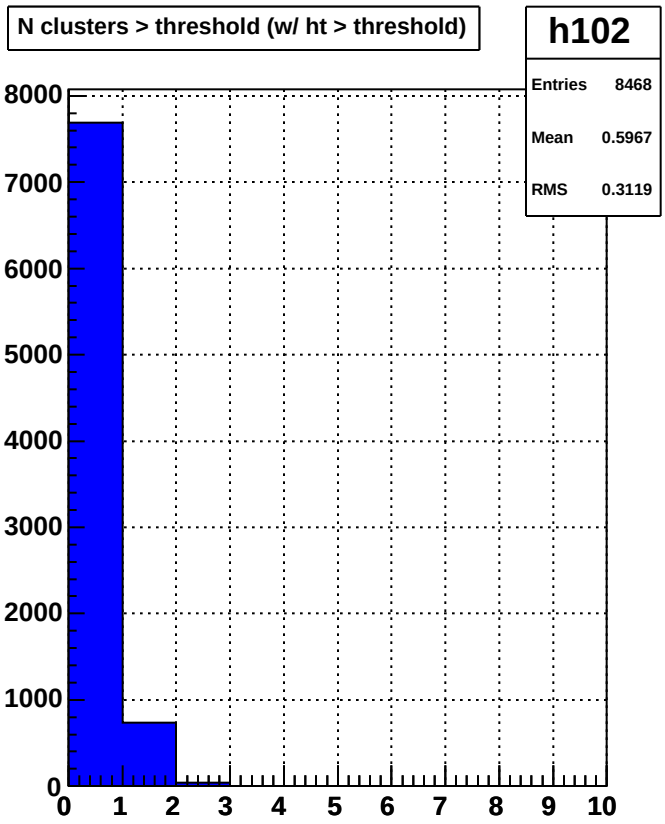
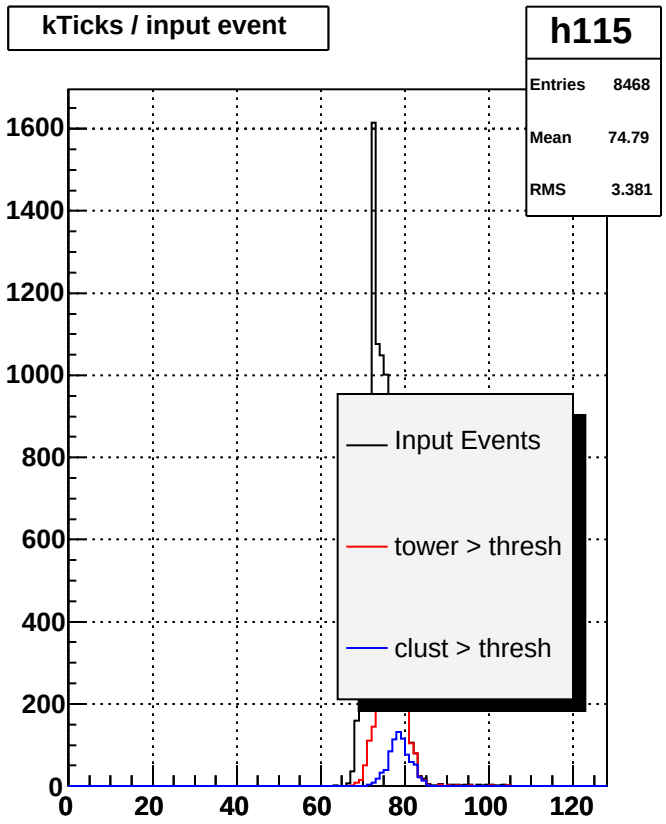
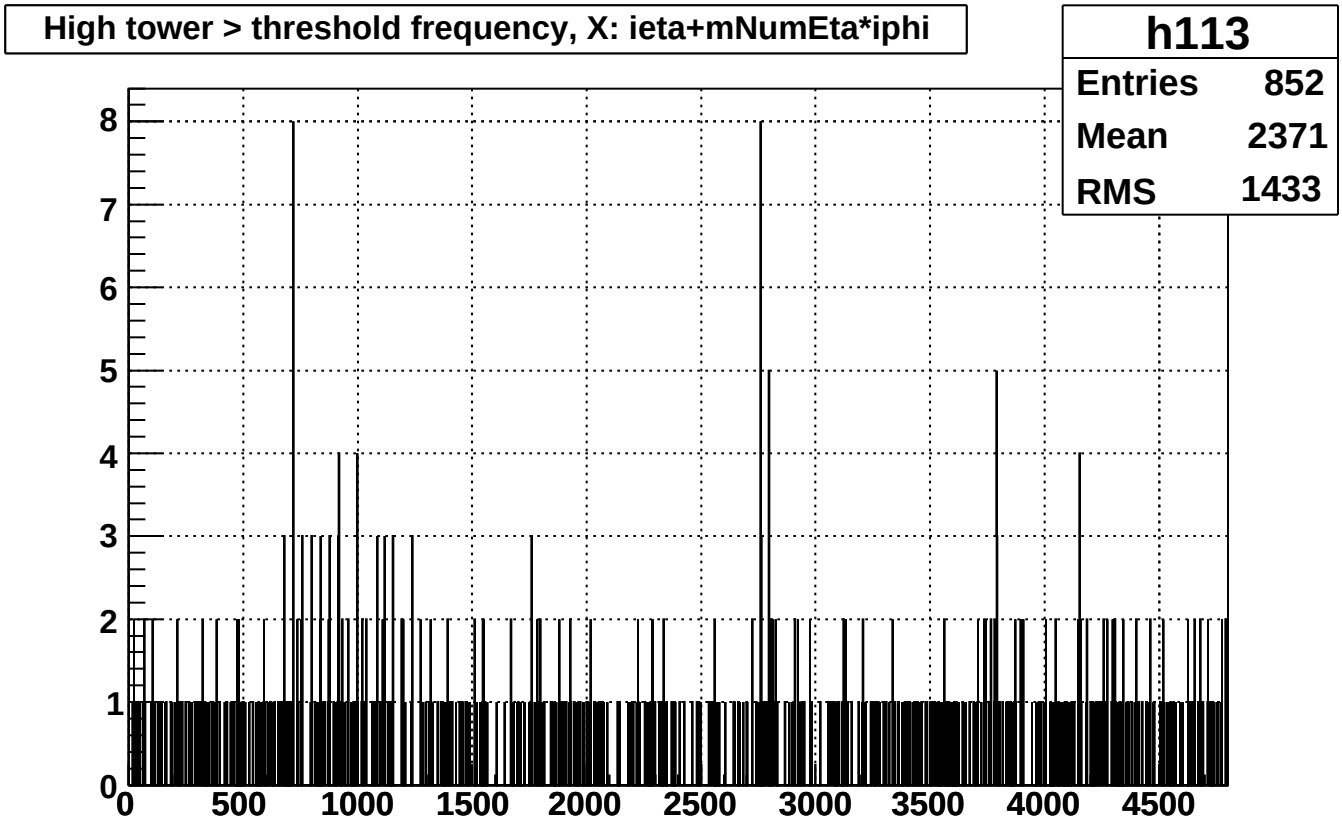
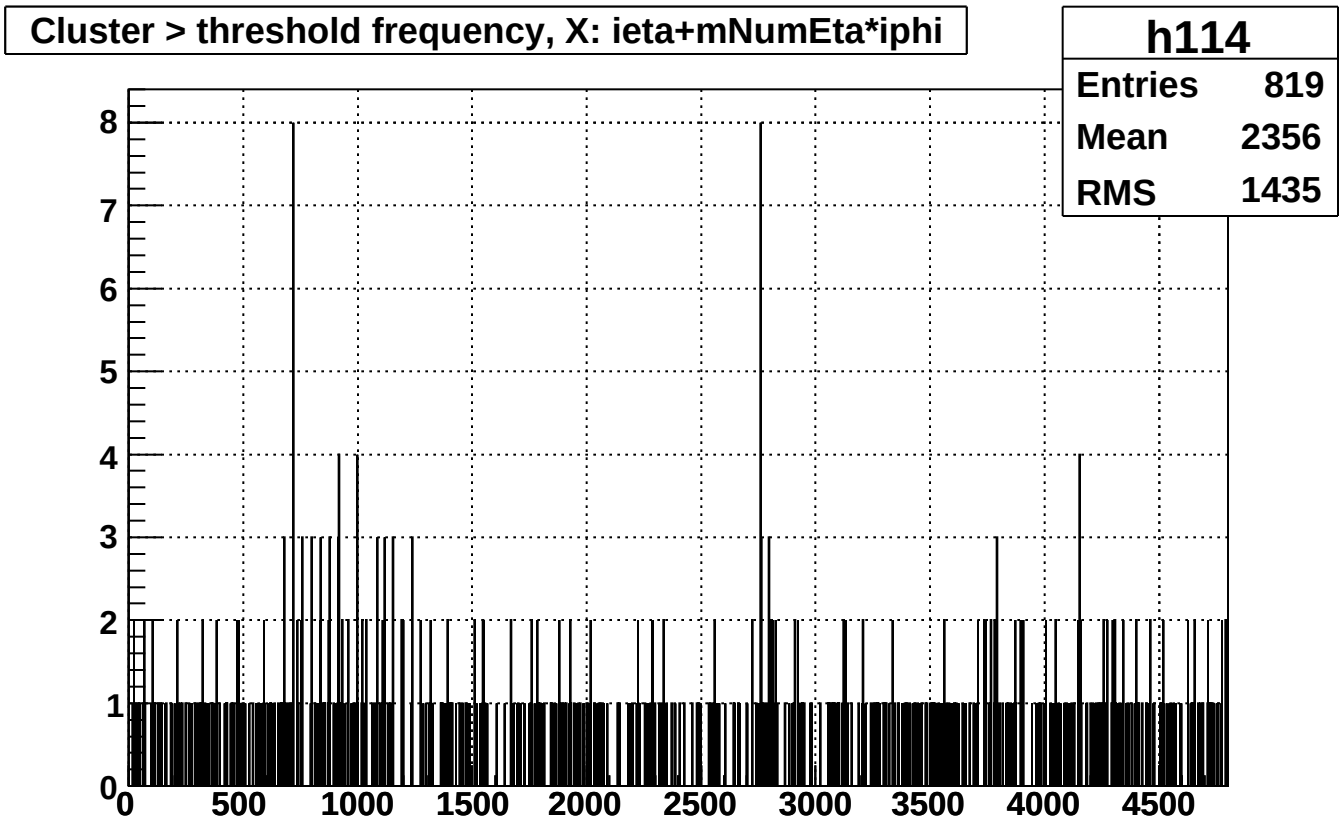

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 13506
Mean 1.053
RMS 0.8545
0
1000
2000
3000
4000
5000
6000
7000
8000
0 1 2 3 4 5 6 7 8 9 10

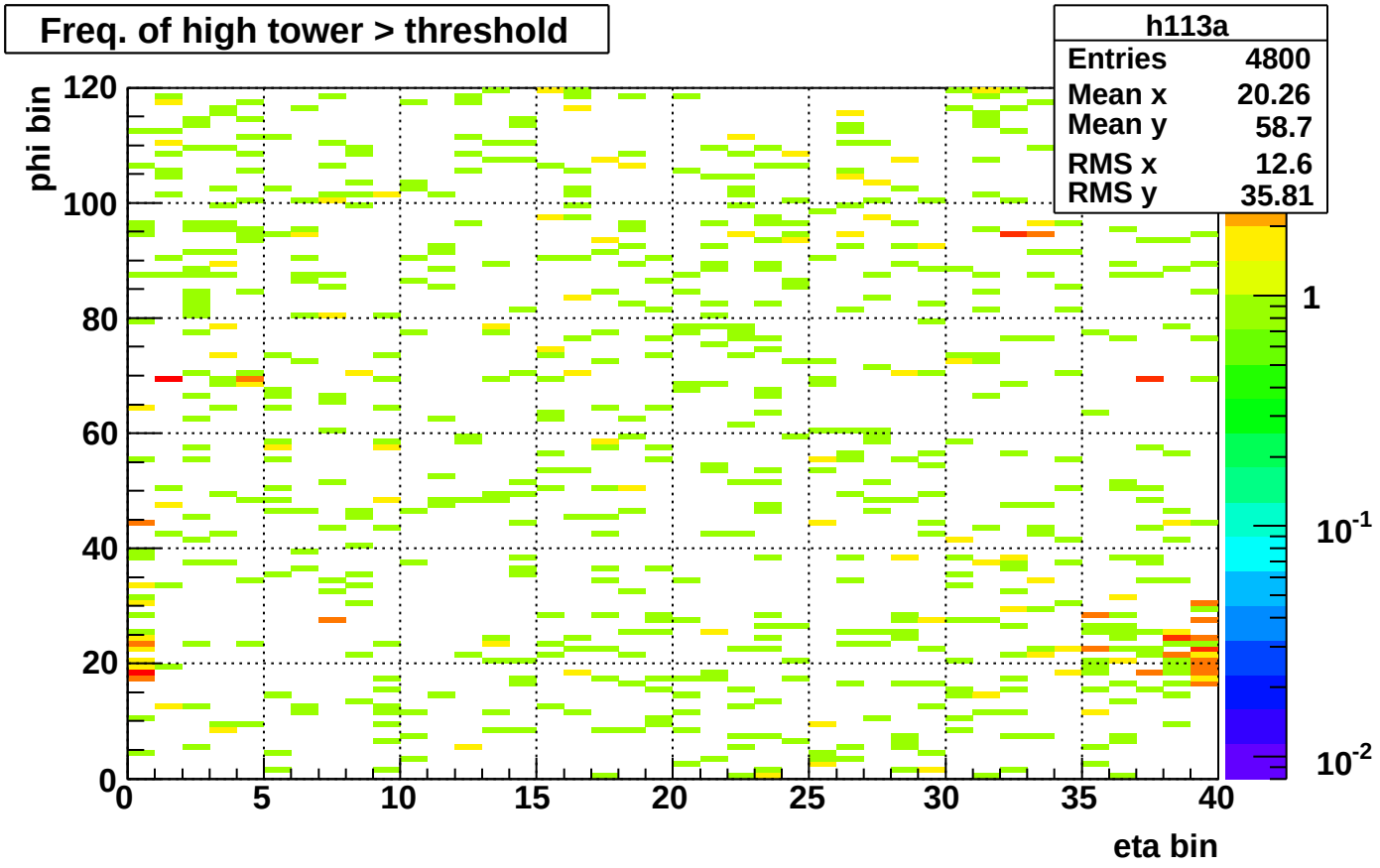

N high towers > threshold
h101
Entries 8468
Mean 0.9119
RMS 0.5059
0
1000
2000
3000
4000
5000
0 1 2 3 4 5 6 7 8 9 10

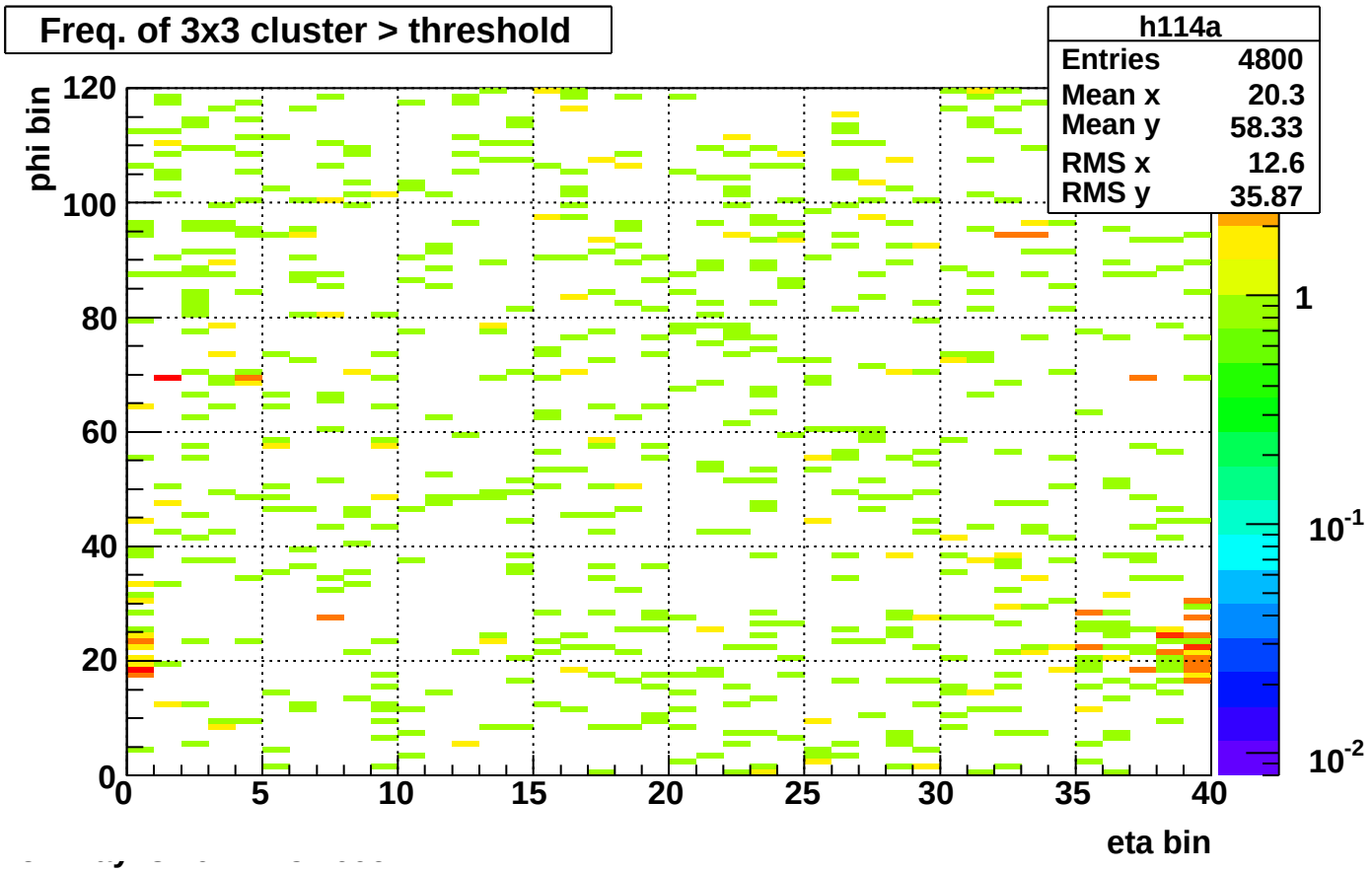

N clusters > threshold (w/ ht > threshold)
h102
Entries 8468
Mean 0.5967
RMS 0.3119
0
1000
2000
3000
4000
5000
6000
7000
8000
0 1 2 3 4 5 6 7 8 9 10

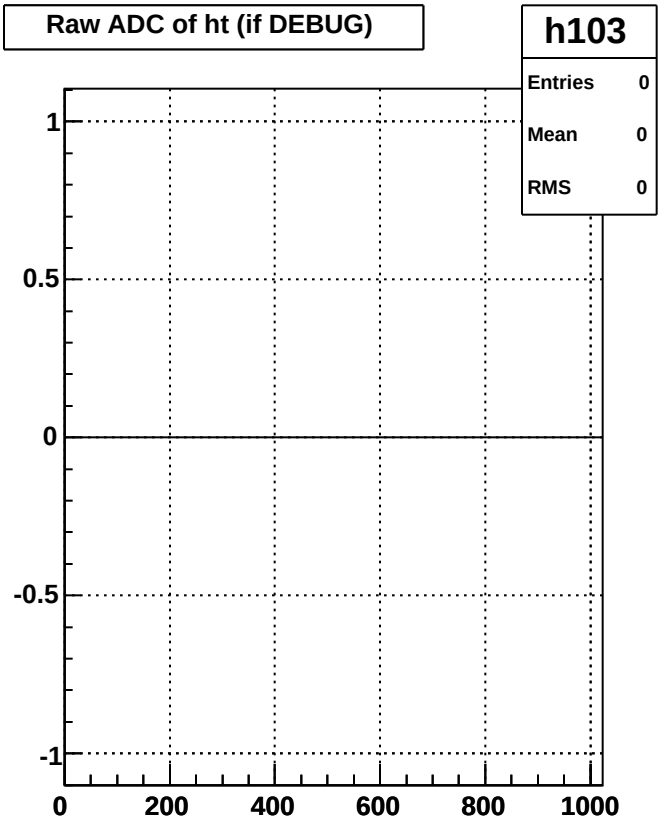

kTicks / input event
h115
Entries 8468
Mean 74.79
RMS 3.381
Input Events
tower > thresh
clust > thresh
0
200
400
600
800
1000
1200
1400
1600
0 20 40 60 80 100 120

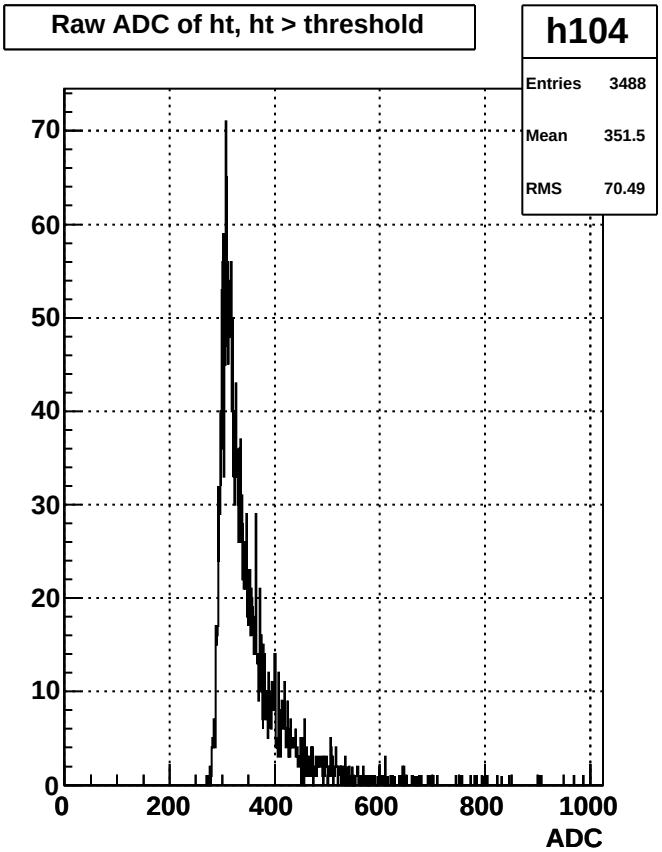

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 852
Mean 2371
RMS 1433
0
1
2
3
4
5
6
7
8
0
500
1000
1500
2000
2500
3000
3500
4000
4500

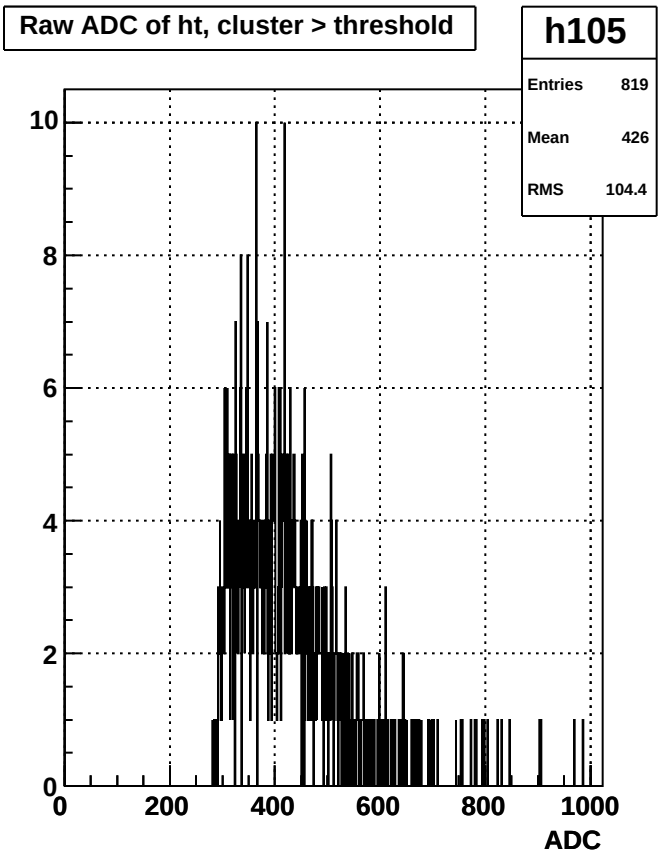

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 819
Mean 2356
RMS 1435
0
1
2
3
4
5
6
7
8
0
500
1000
1500
2000
2500
3000
3500
4000
4500

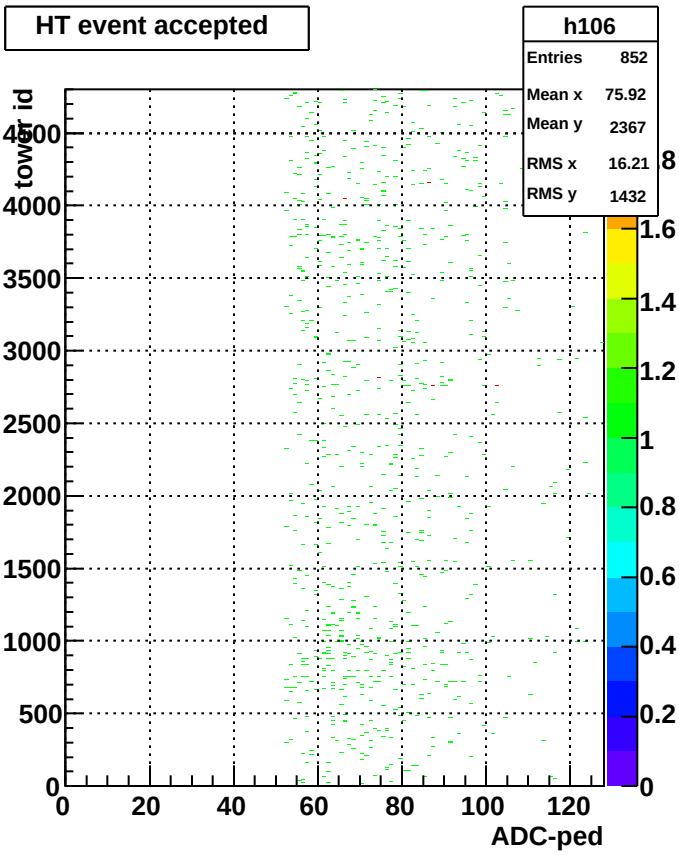

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 20.26
Mean y 58.7
RMS x 12.6
RMS y 35.81
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}
10^{-2}

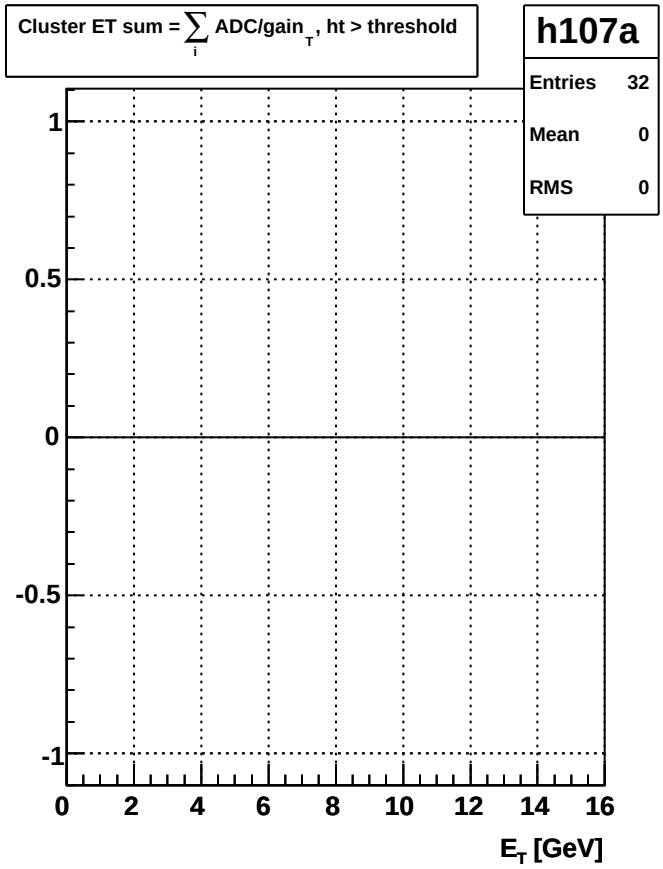

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 20.3
Mean y 58.33
RMS x 12.6
RMS y 35.87
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}
10^{-2}

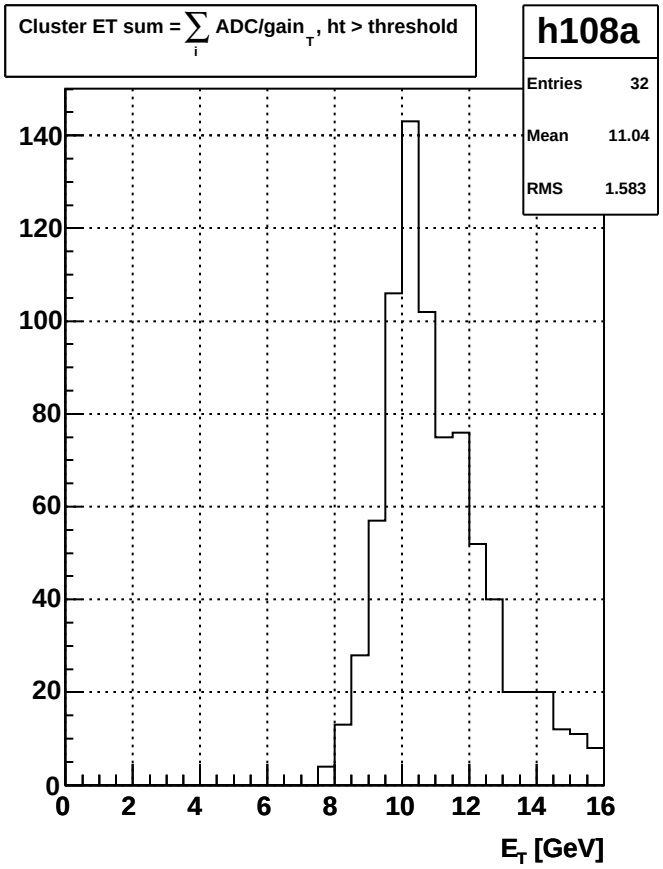

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

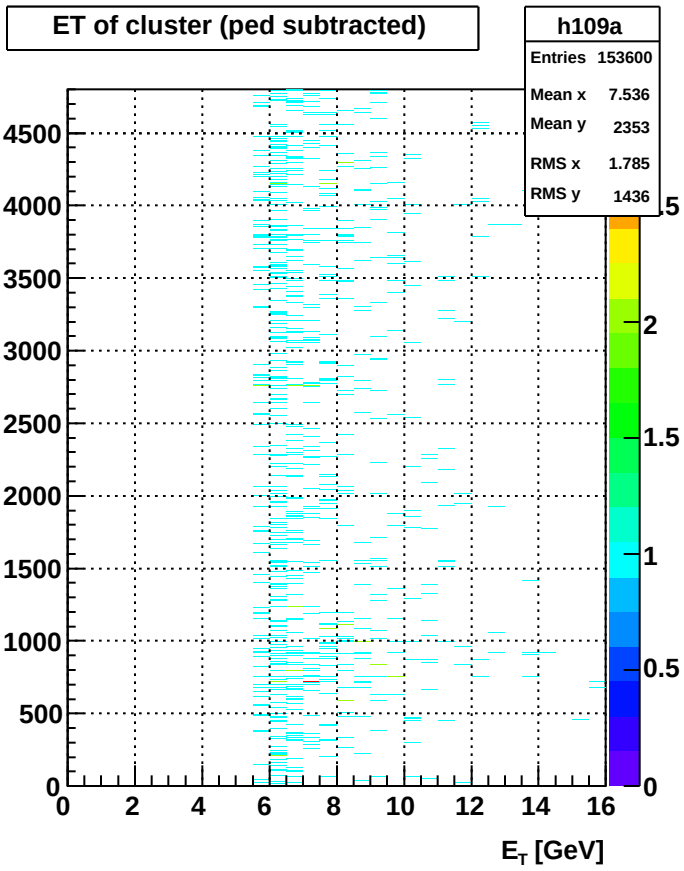

Raw ADC of ht, ht > threshold
h104
Entries 3488
Mean 351.5
RMS 70.49
70
60
50
40
30
20
10
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 819
Mean 426
RMS 104.4
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 852
Mean x 75.92
Mean y 2367
RMS x 16.21
RMS y 1432
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
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 11.04
RMS 1.583
140
120
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 7.536
Mean y 2353
RMS x 1.785
RMS y 1436
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