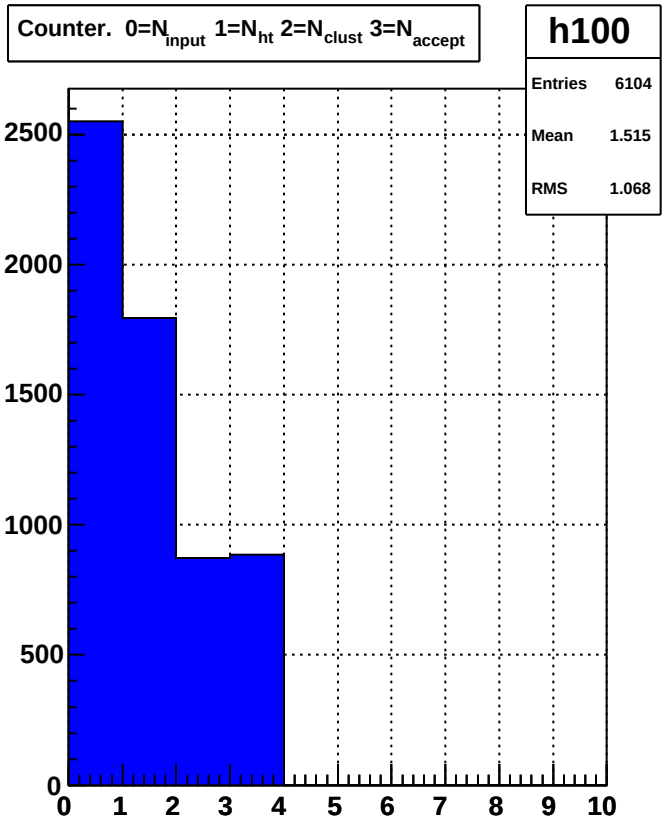
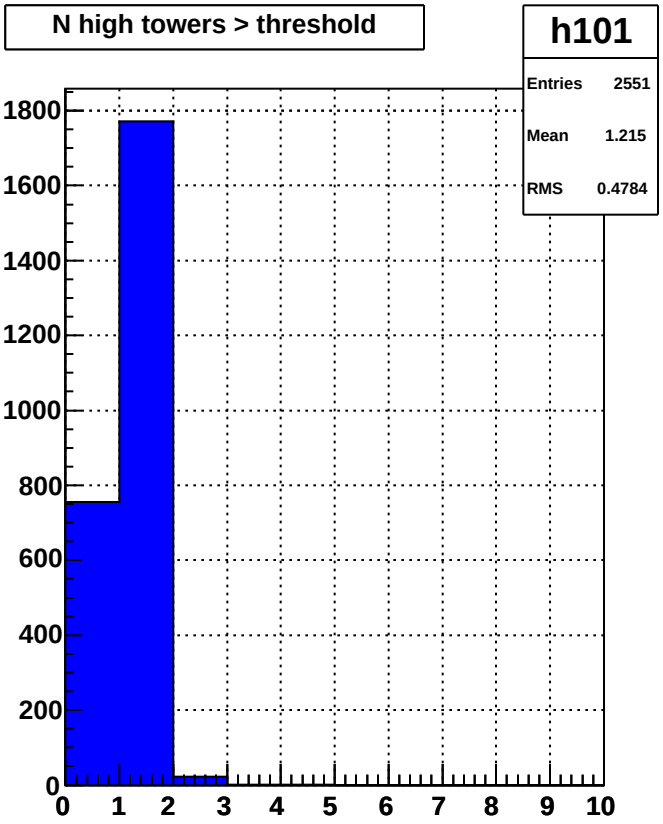
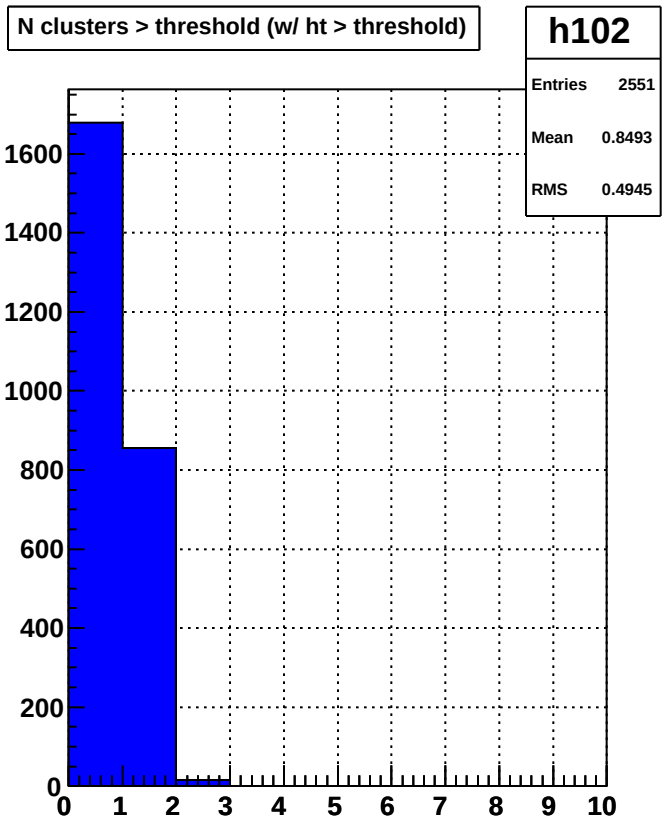
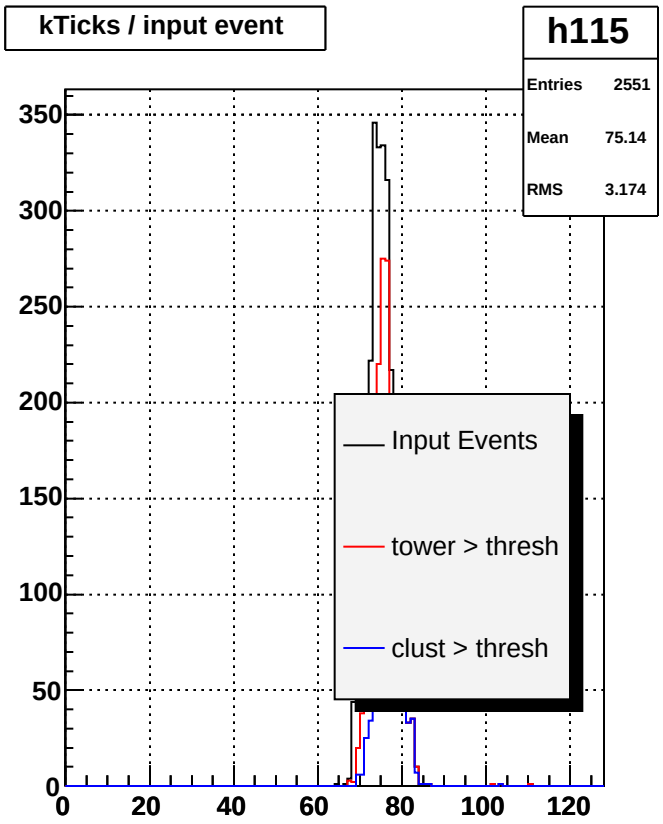
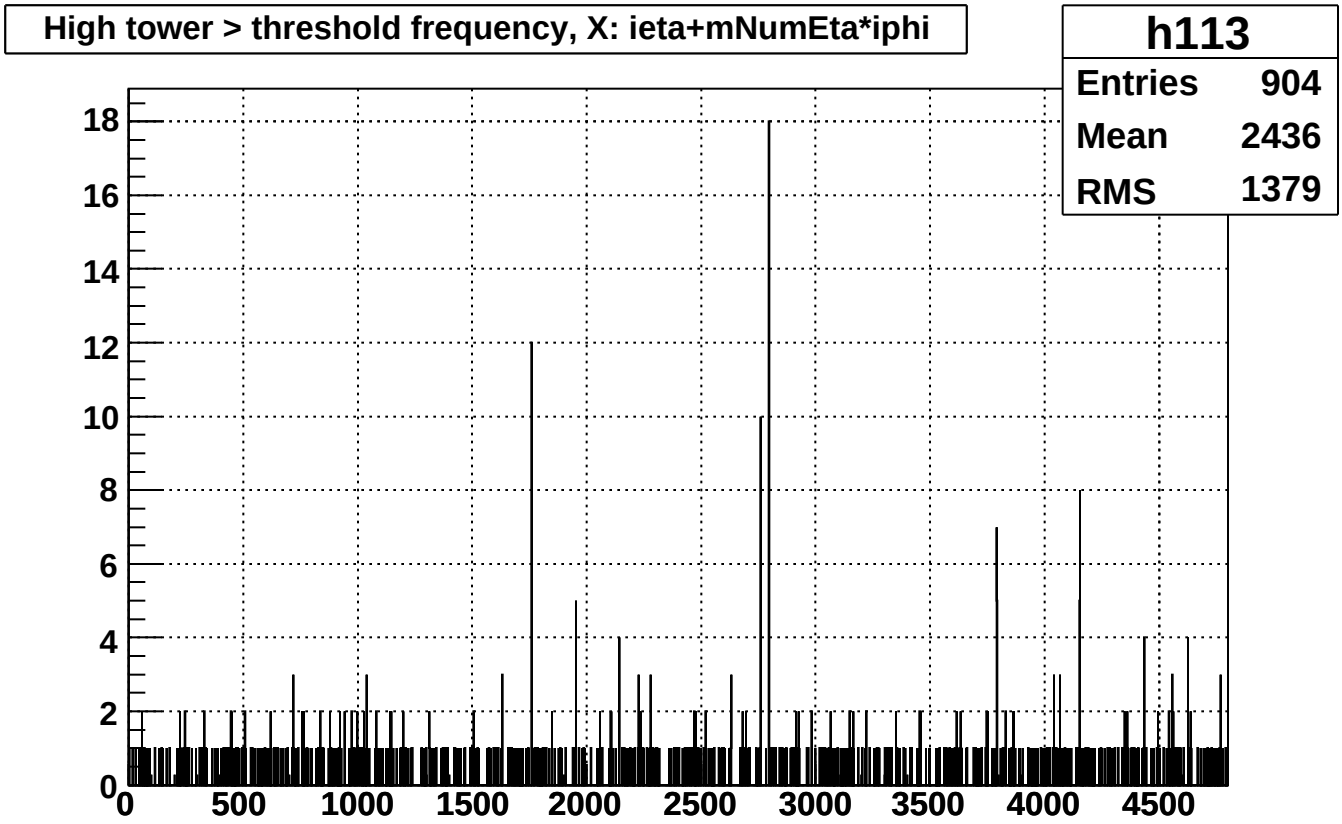
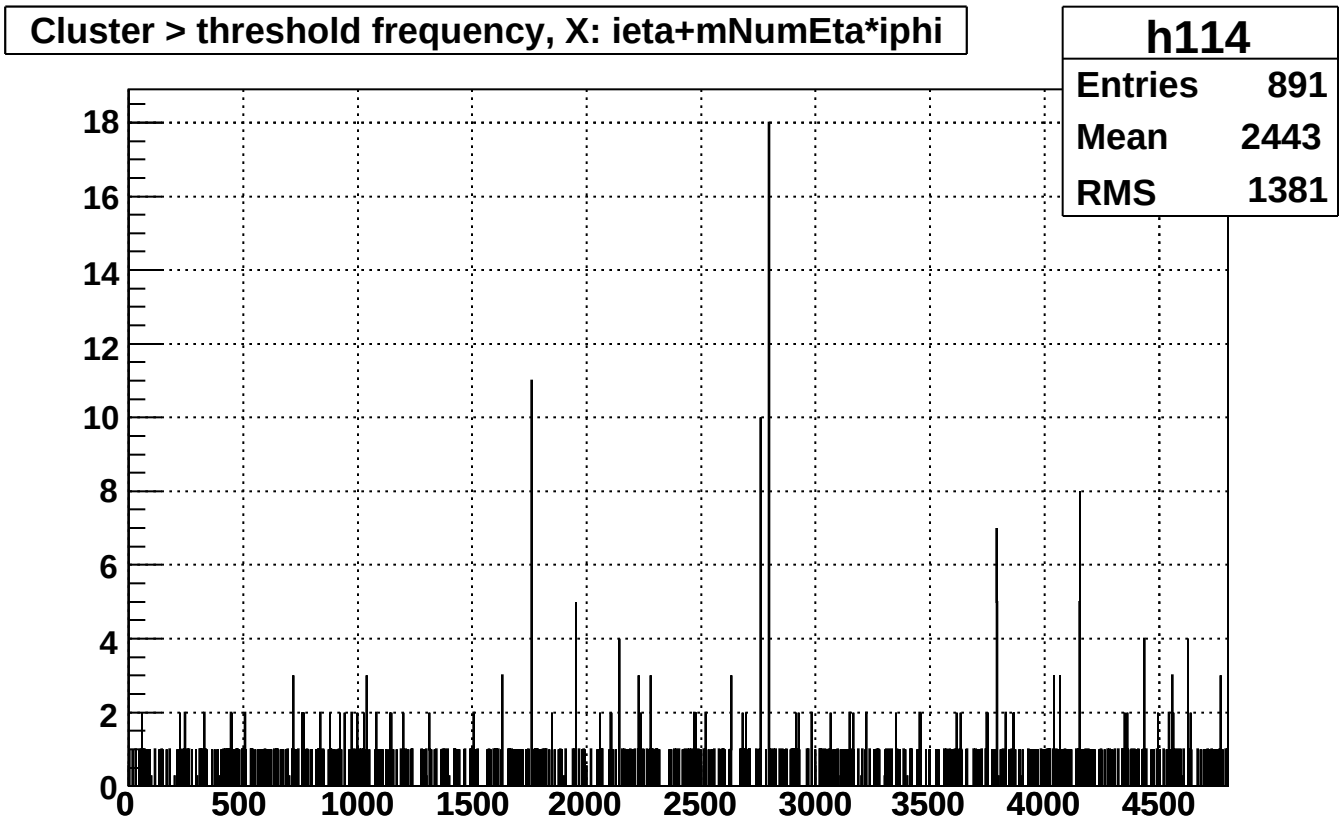

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 6104
Mean 1.515
RMS 1.068
2500
2000
1500
1000
500
0
0 1 2 3 4 5 6 7 8 9 10

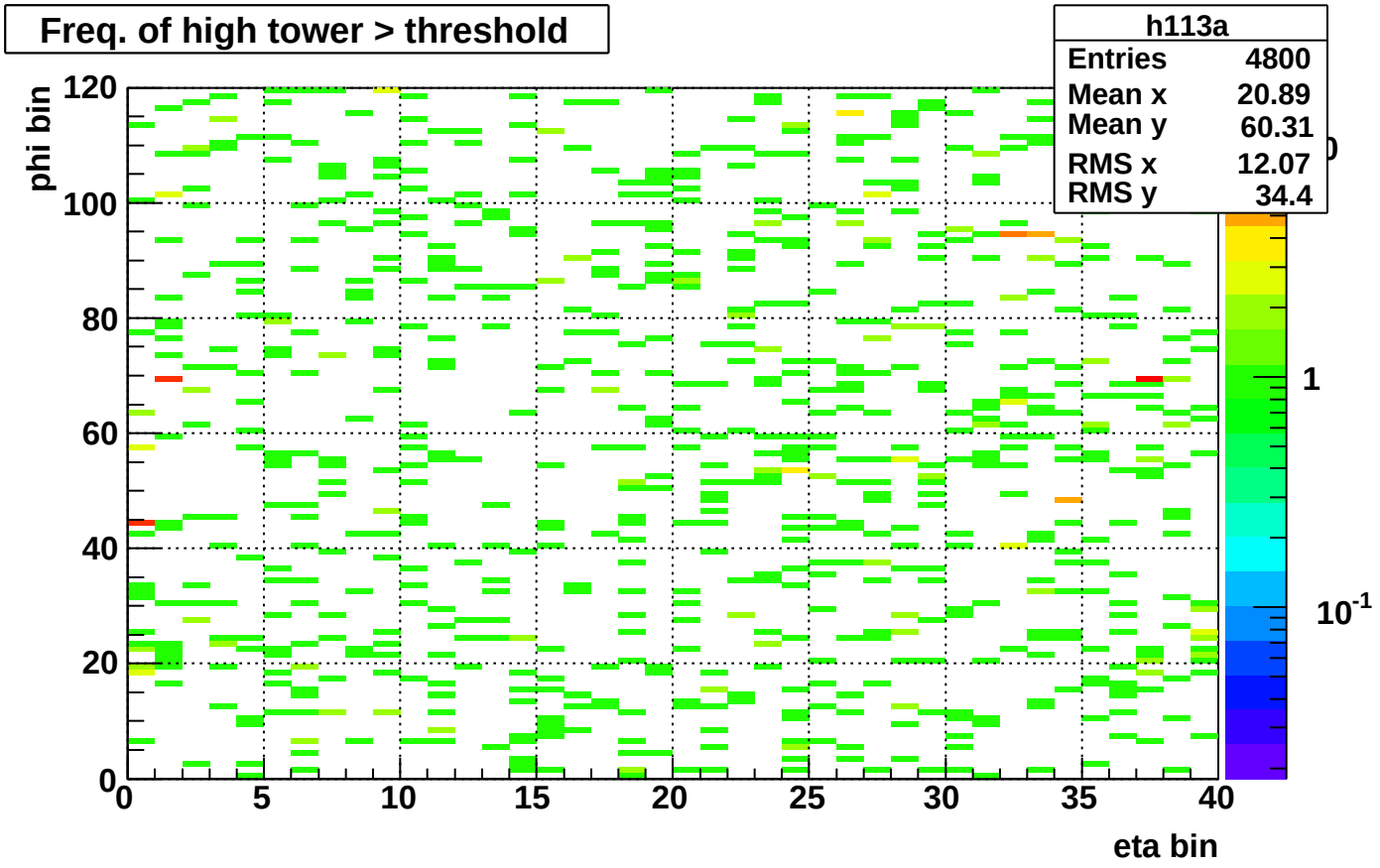

N high towers > threshold
h101
Entries 2551
Mean 1.215
RMS 0.4784
1800
1600
1400
1200
1000
800
600
400
200
0
0 1 2 3 4 5 6 7 8 9 10

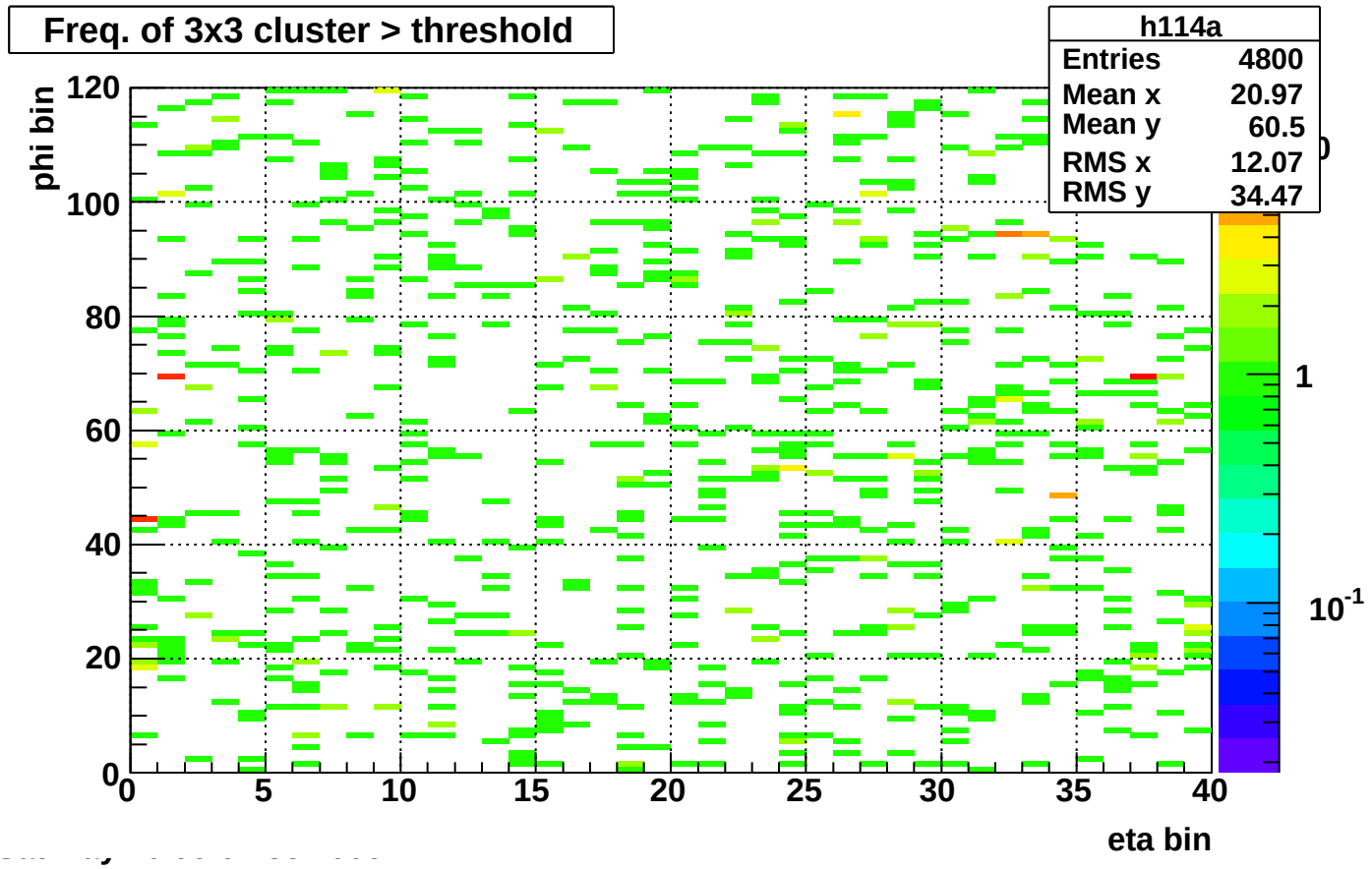

N clusters > threshold (w/ ht > threshold)
h102
Entries 2551
Mean 0.8493
RMS 0.4945
1600
1400
1200
1000
800
600
400
200
0
0 1 2 3 4 5 6 7 8 9 10

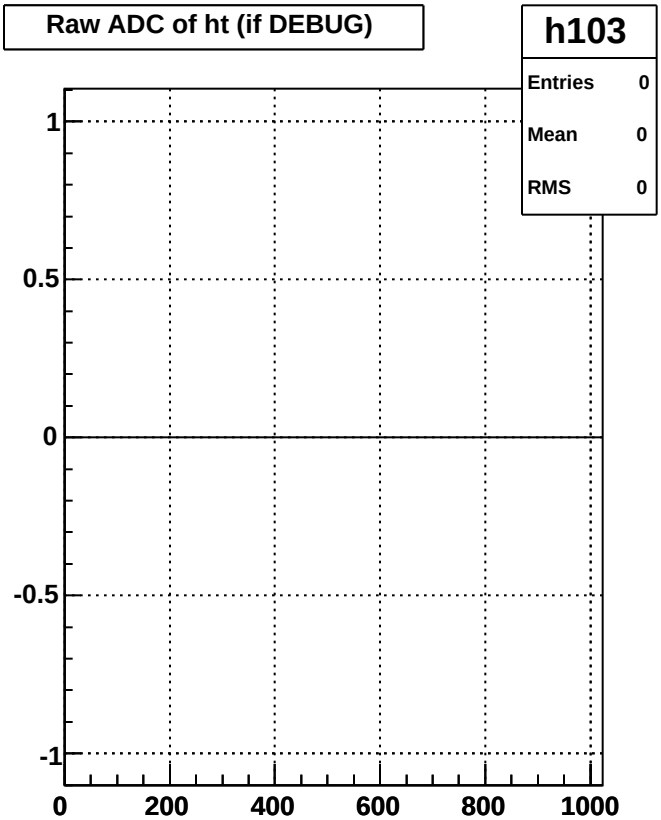

kTicks / input event
h115
Entries 2551
Mean 75.14
RMS 3.174
350
300
250
200
150
100
50
0
0 20 40 60 80 100 120
Input Events
tower > thresh
clust > thresh

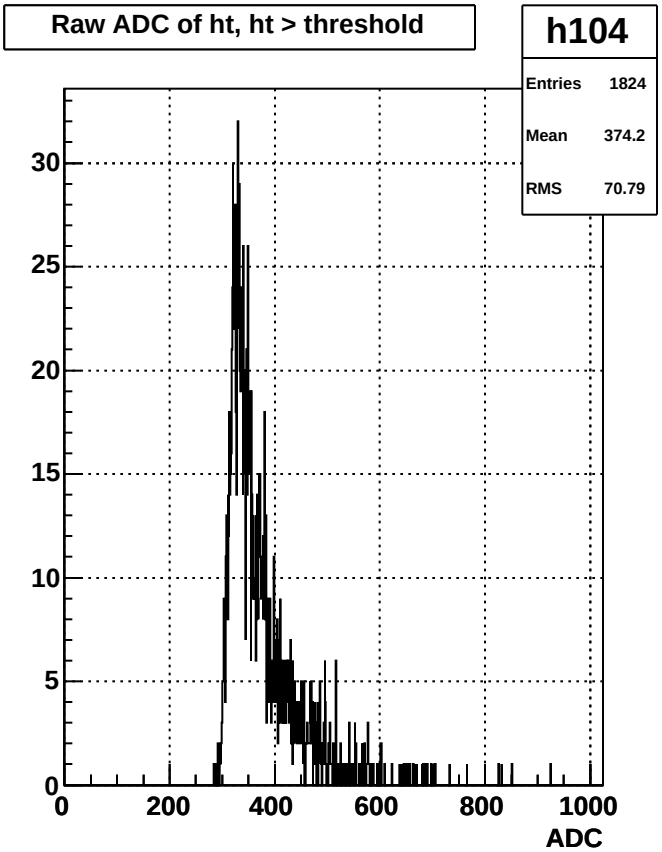

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 904
Mean 2436
RMS 1379
0
2
4
6
8
10
12
14
16
18
0
500
1000
1500
2000
2500
3000
3500
4000
4500

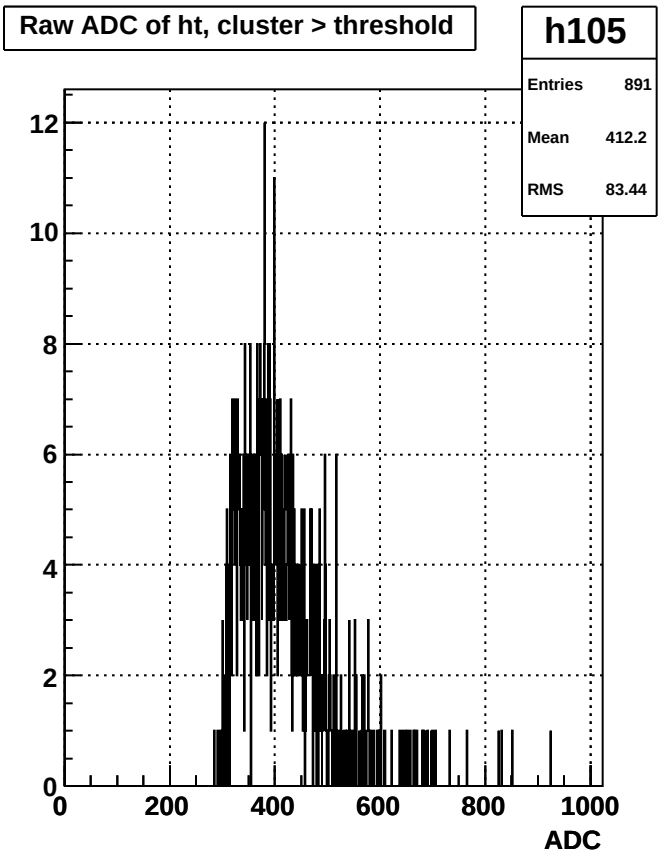

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 891
Mean 2443
RMS 1381
0
2
4
6
8
10
12
14
16
18
0
500
1000
1500
2000
2500
3000
3500
4000
4500

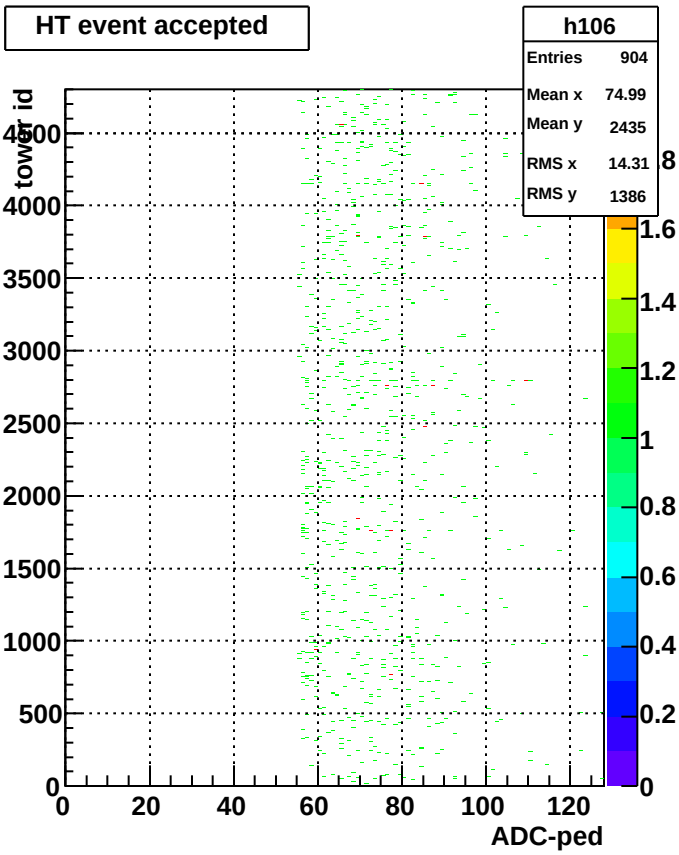

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 20.89
Mean y 60.31
RMS x 12.07
RMS y 34.4
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

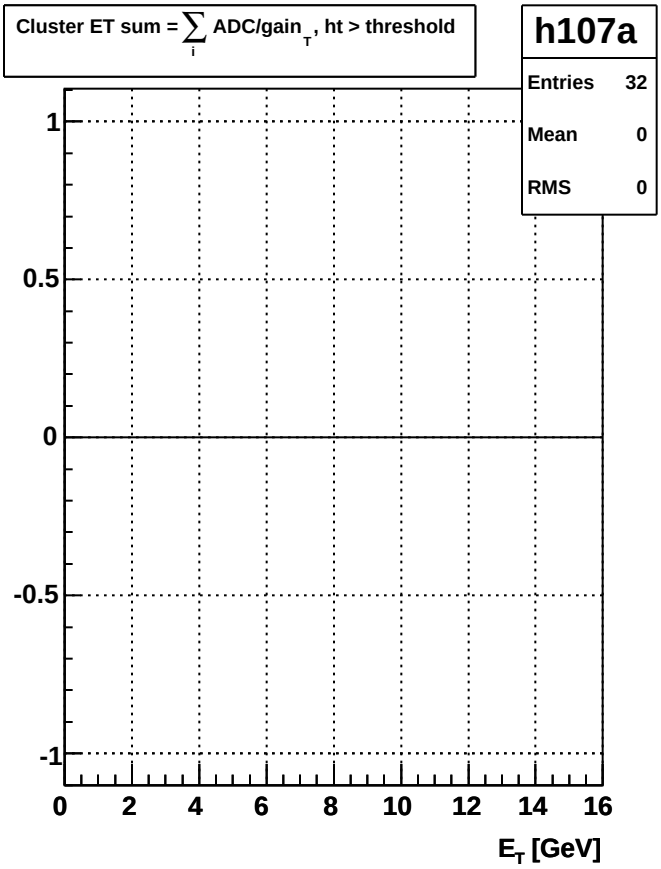

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 20.97
Mean y 60.5
RMS x 12.07
RMS y 34.47
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

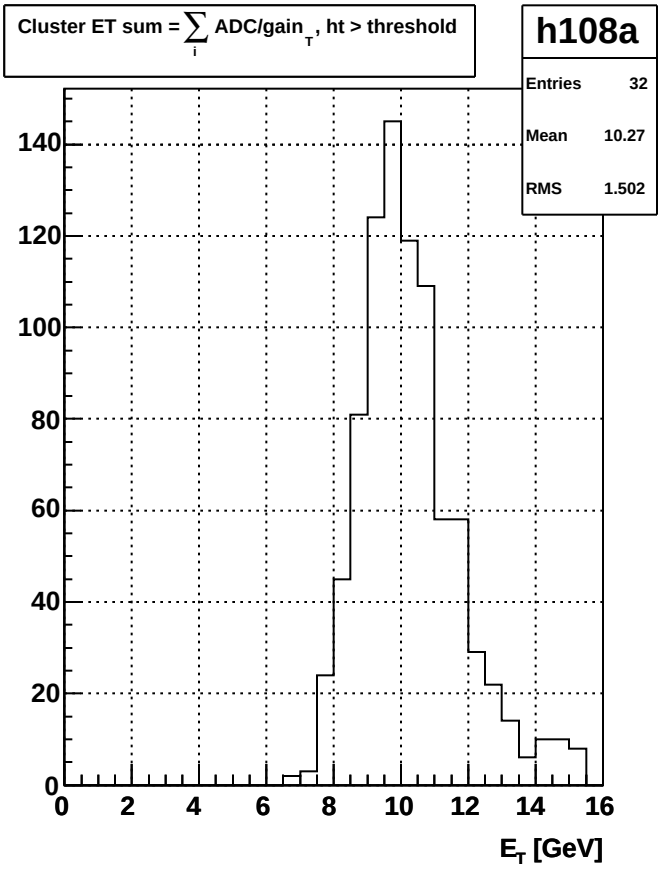

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

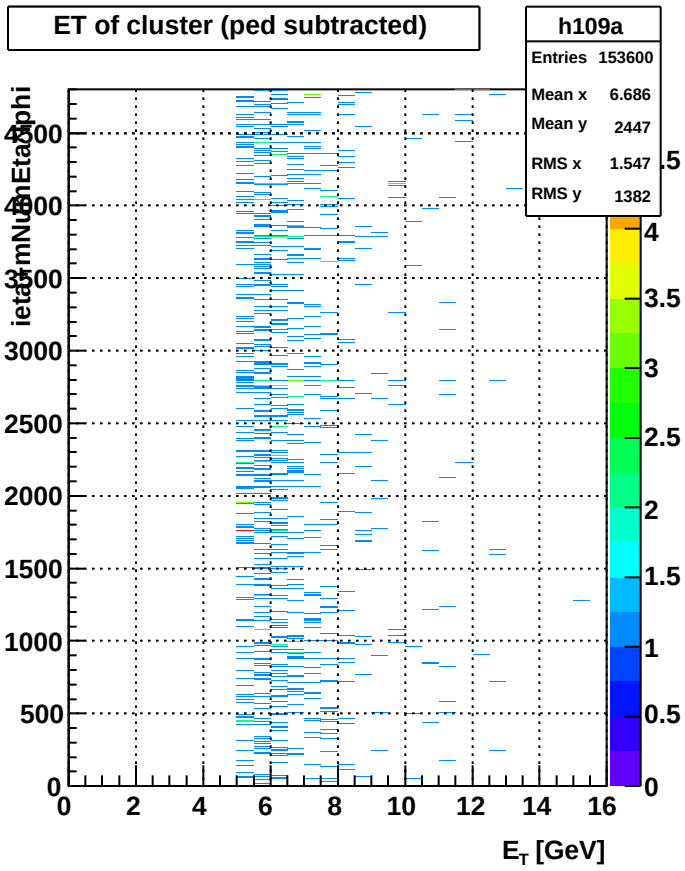

Raw ADC of ht, ht > threshold
h104
Entries 1824
Mean 374.2
RMS 70.79
30
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 891
Mean 412.2
RMS 83.44
12
10
8
6
4
2
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 904
Mean x 74.99
Mean y 2435
RMS x 14.31
RMS y 1386
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 10.27
RMS 1.502
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 6.686
Mean y 2447
RMS x 1.547
RMS y 1382
ietaNumEtaPhi
E_T [GeV]