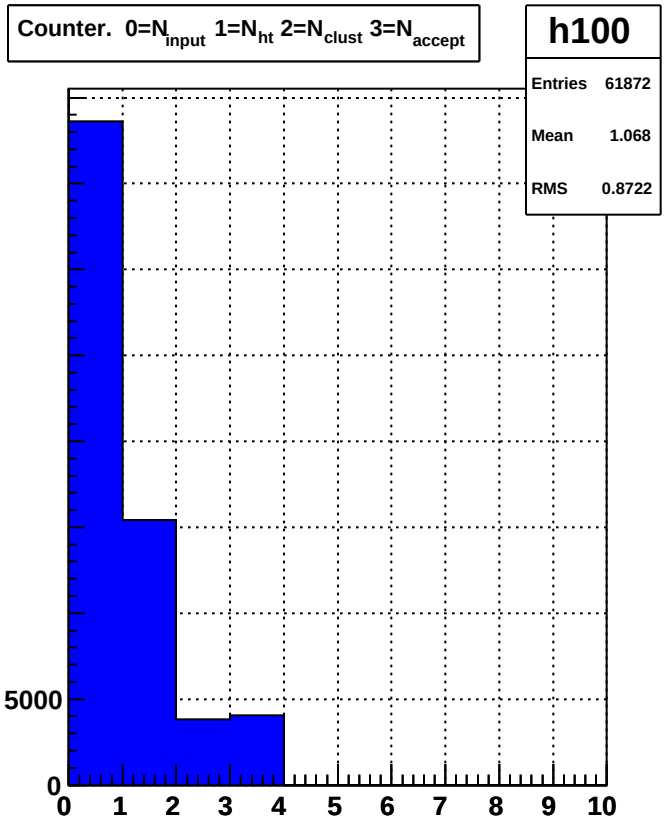
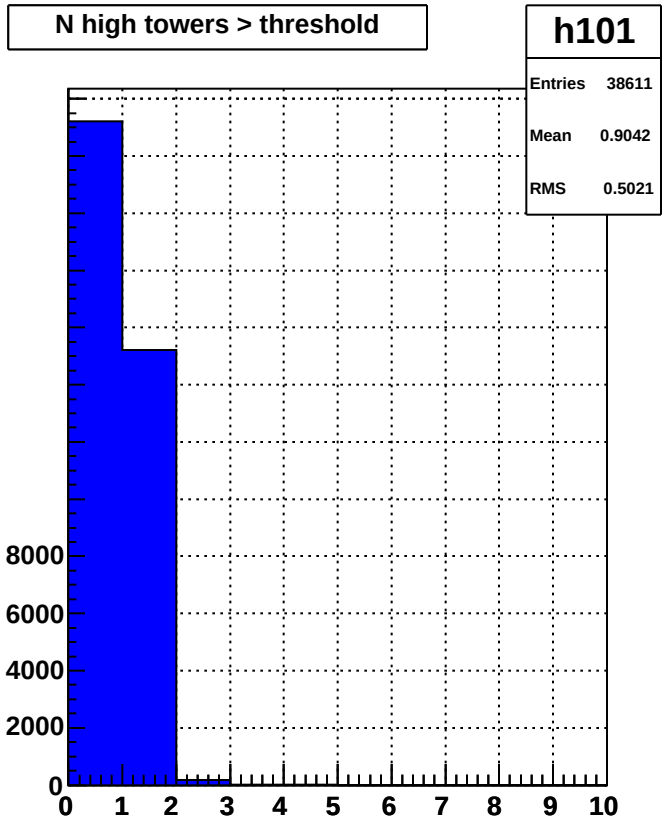
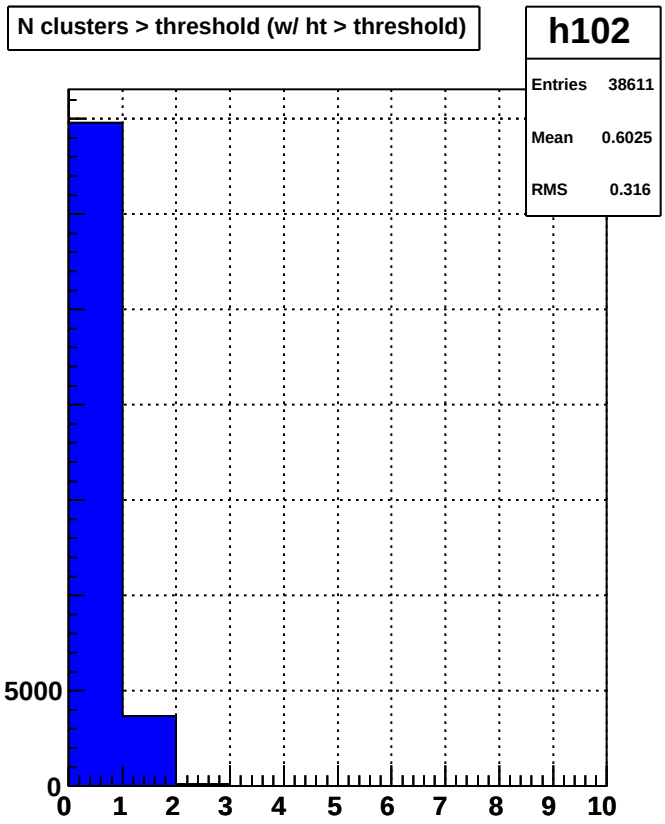
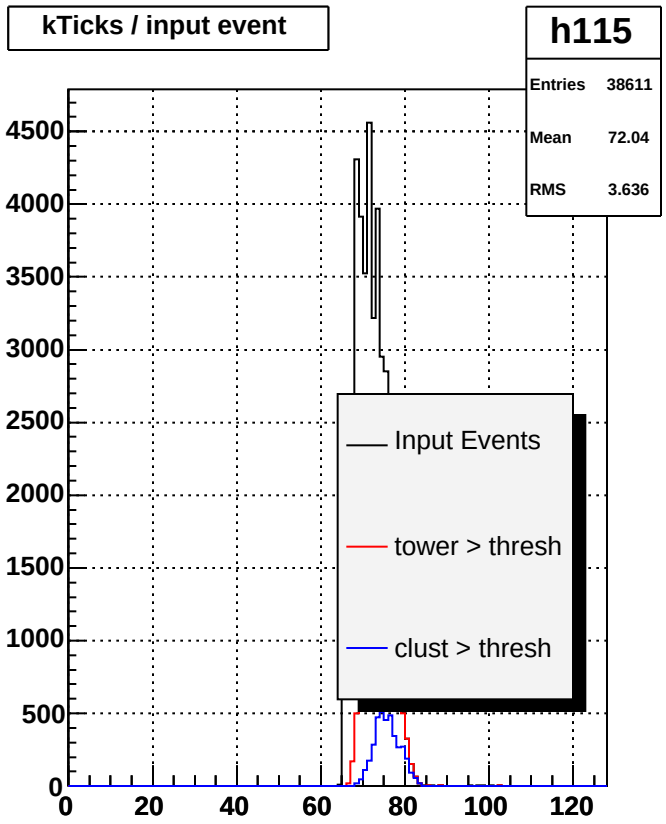
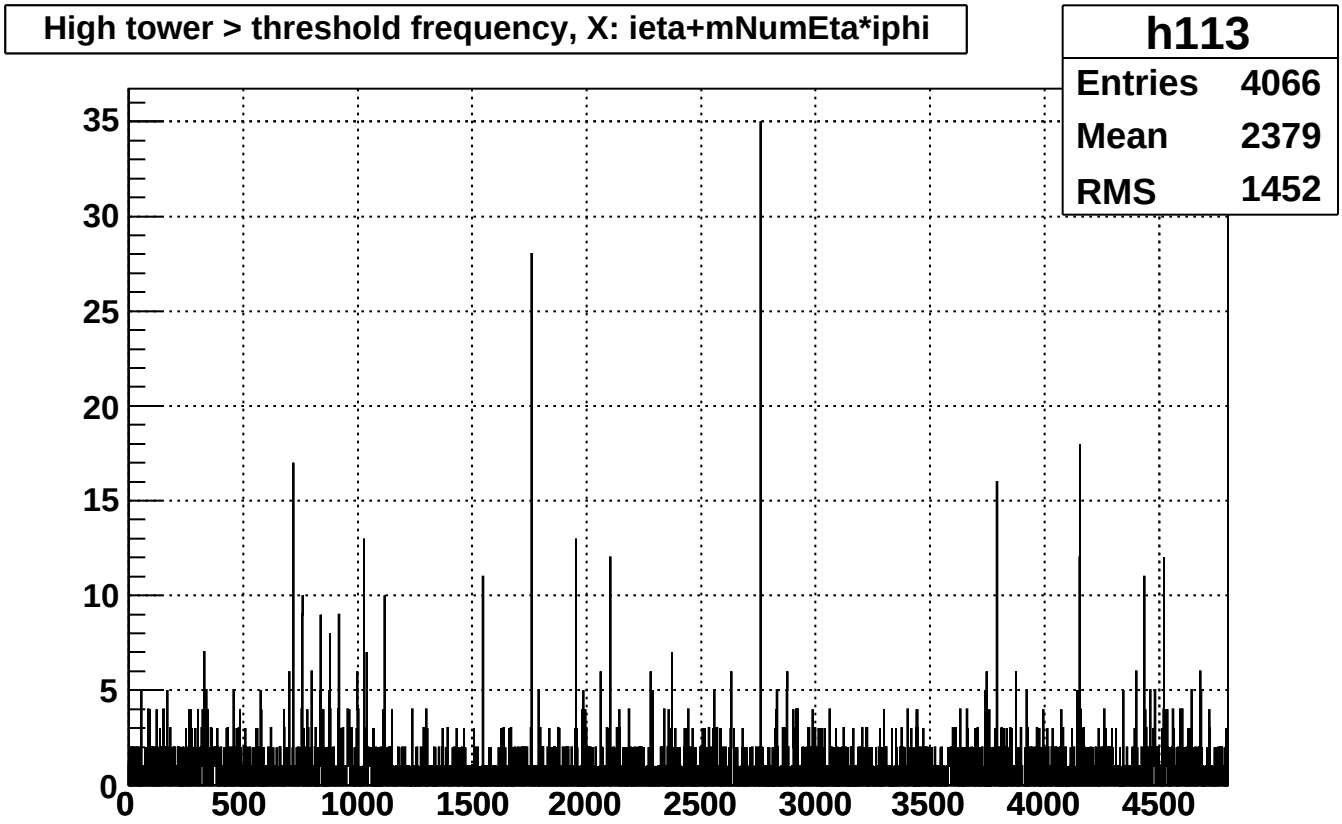
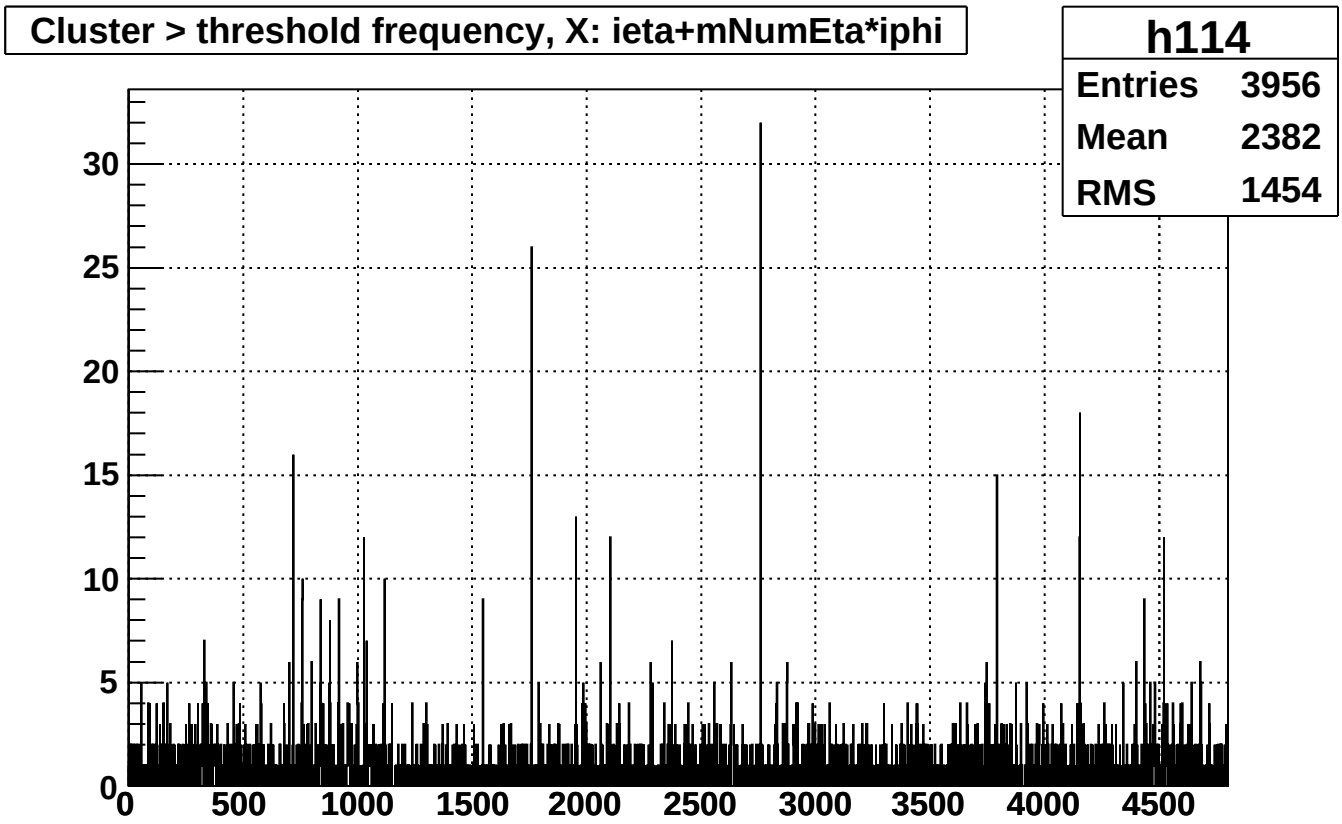

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 61872
Mean 1.068
RMS 0.8722
5000
0
0 1 2 3 4 5 6 7 8 9 10

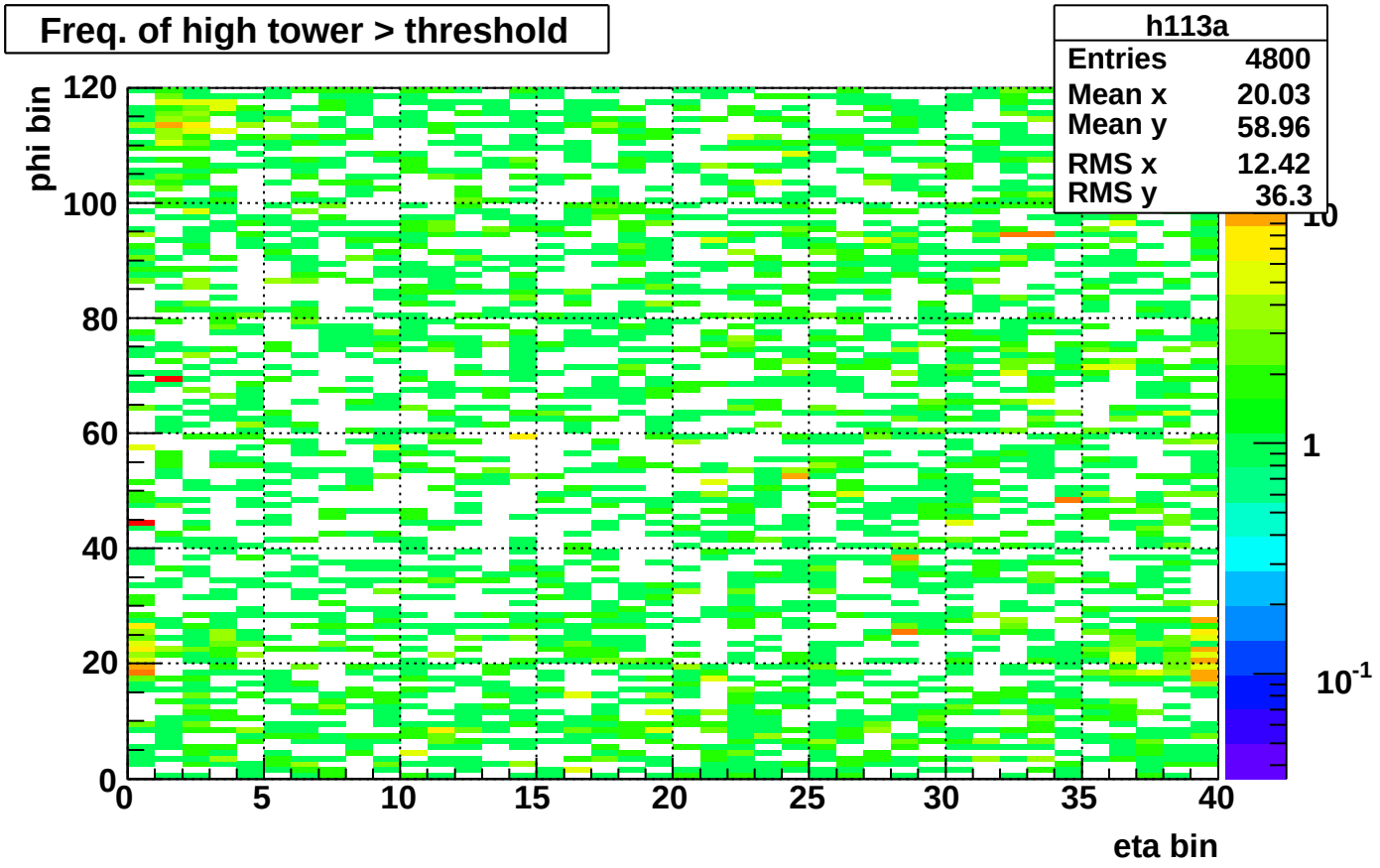

N high towers > threshold
h101
Entries 38611
Mean 0.9042
RMS 0.5021
8000
6000
4000
2000
0
0 1 2 3 4 5 6 7 8 9 10

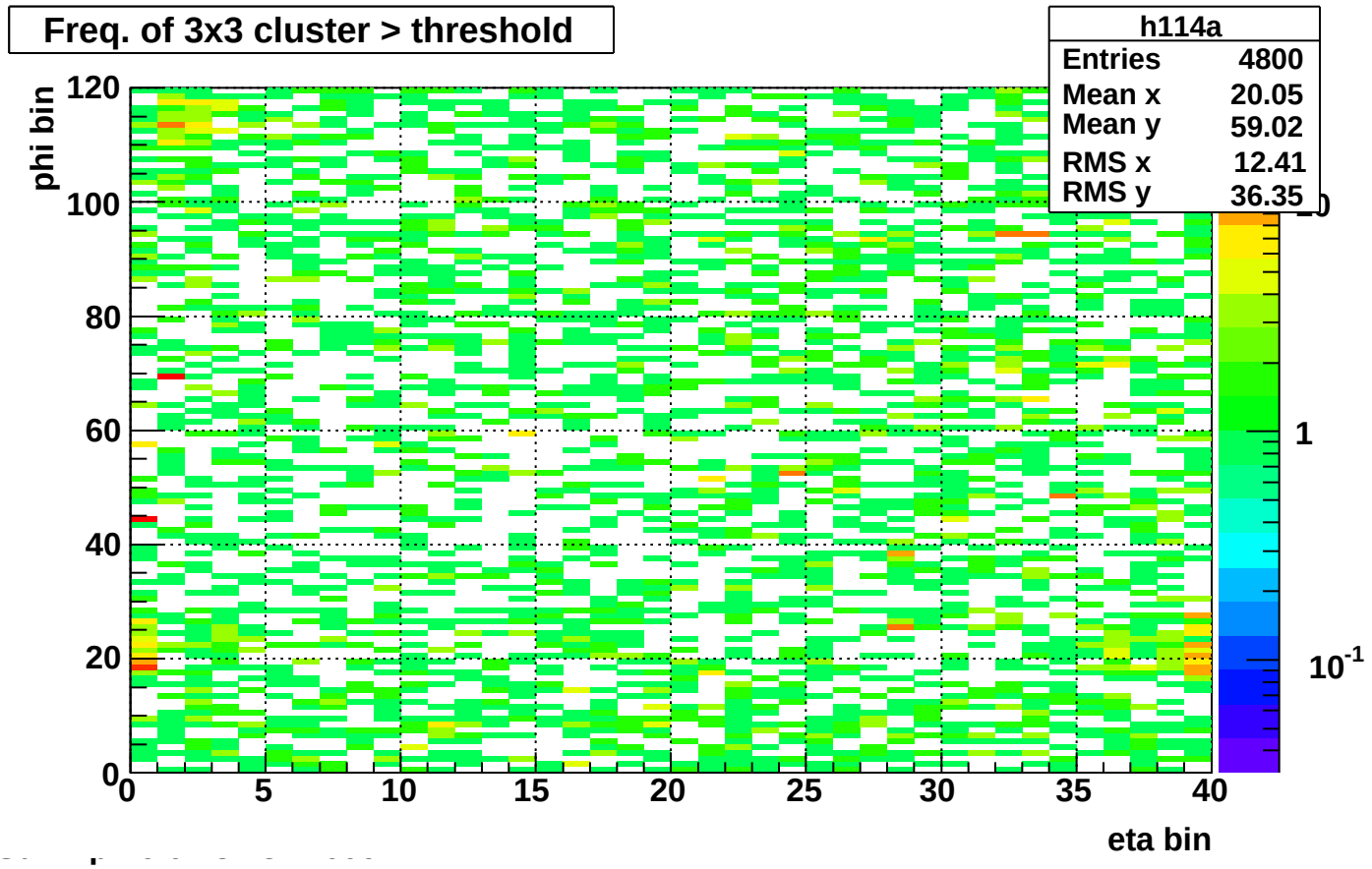

N clusters > threshold (w/ ht > threshold)
h102
Entries 38611
Mean 0.6025
RMS 0.316
5000
0
0 1 2 3 4 5 6 7 8 9 10

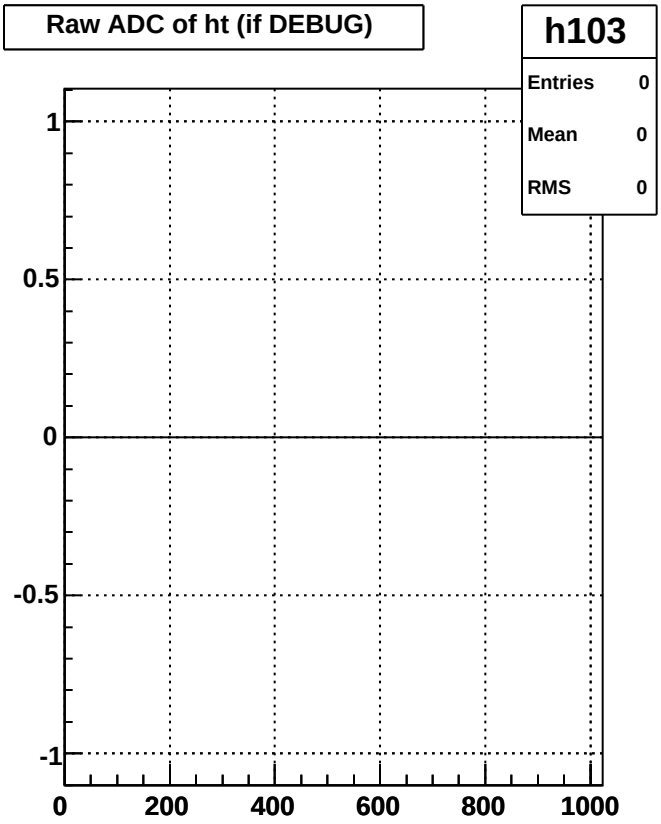

kTicks / input event
h115
Entries 38611
Mean 72.04
RMS 3.636
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0 20 40 60 80 100 120
Input Events
tower > thresh
clust > thresh

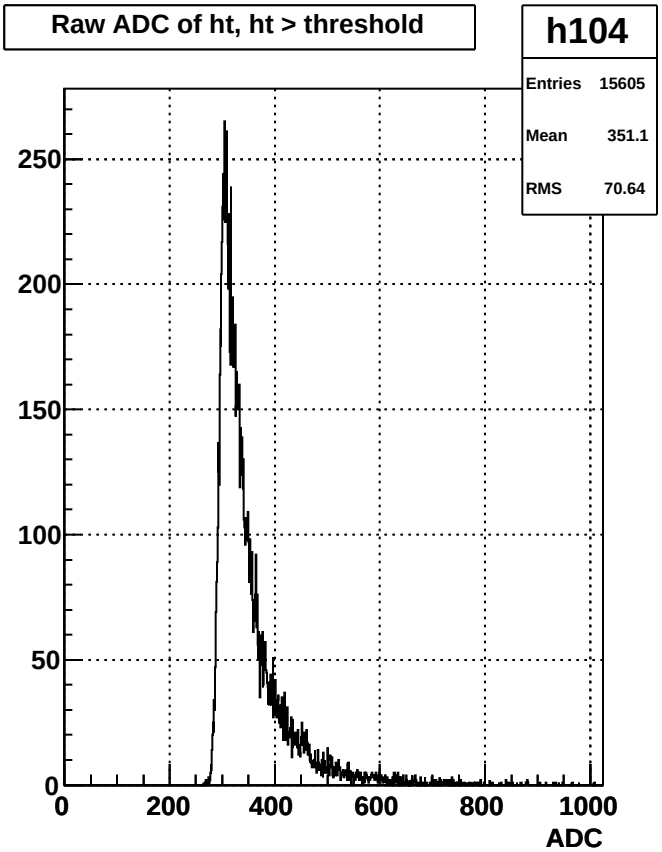

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 4066
Mean 2379
RMS 1452
0
5
10
15
20
25
30
35
0
500
1000
1500
2000
2500
3000
3500
4000
4500

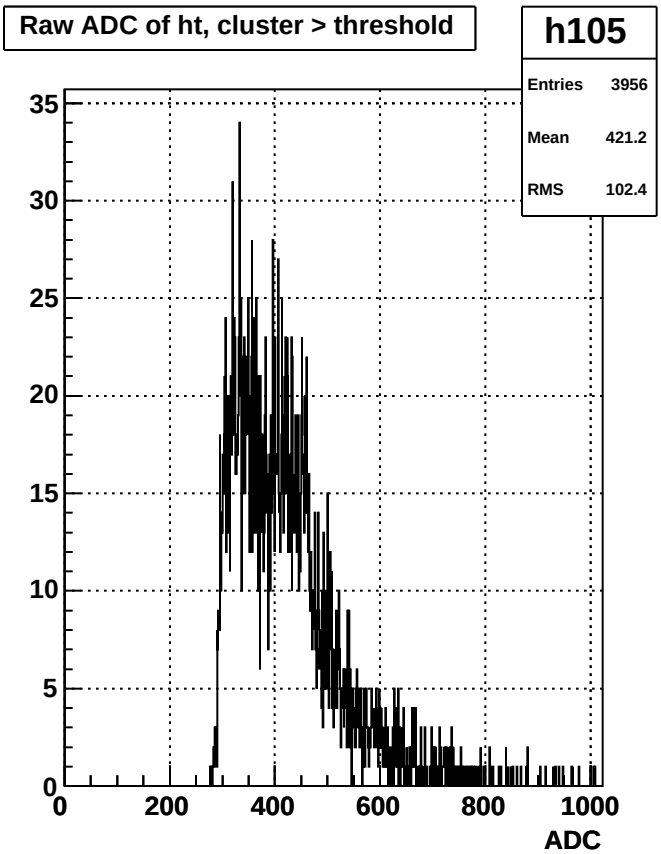

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 3956
Mean 2382
RMS 1454
0
5
10
15
20
25
30
0
500
1000
1500
2000
2500
3000
3500
4000
4500

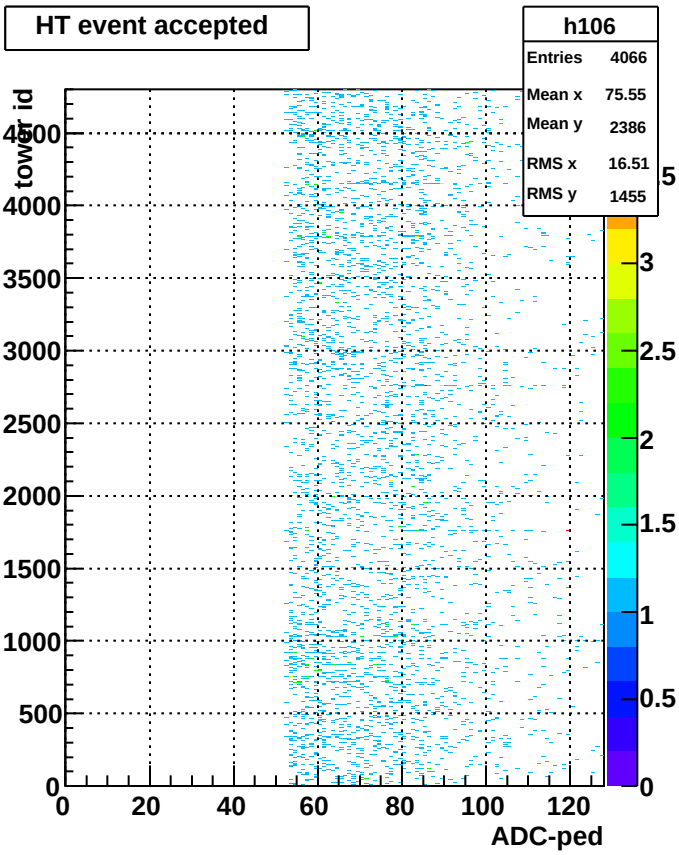

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 20.03
Mean y 58.96
RMS x 12.42
RMS y 36.3
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
10
1
10^{-1}

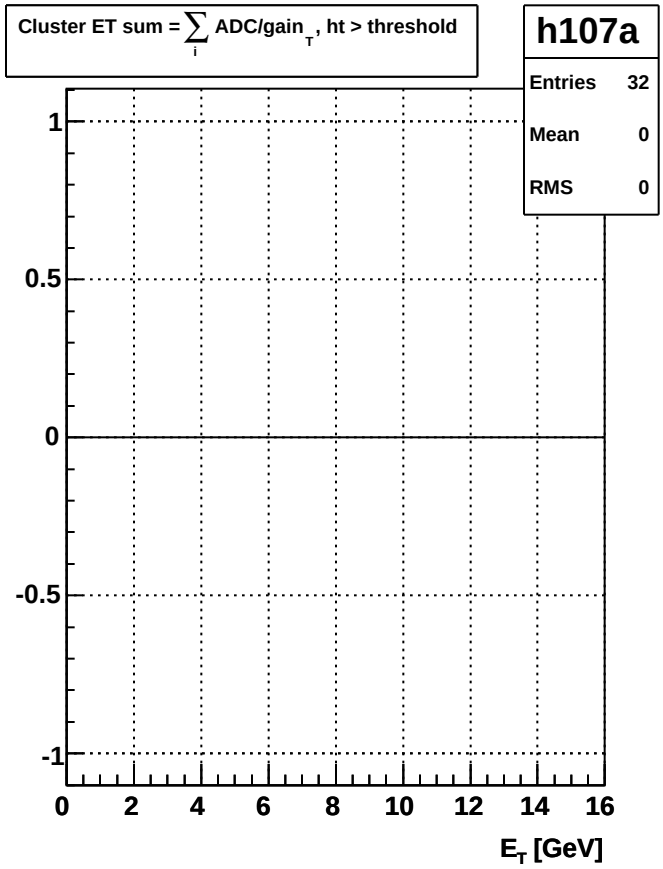

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 20.05
Mean y 59.02
RMS x 12.41
RMS y 36.35
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10^{-1}

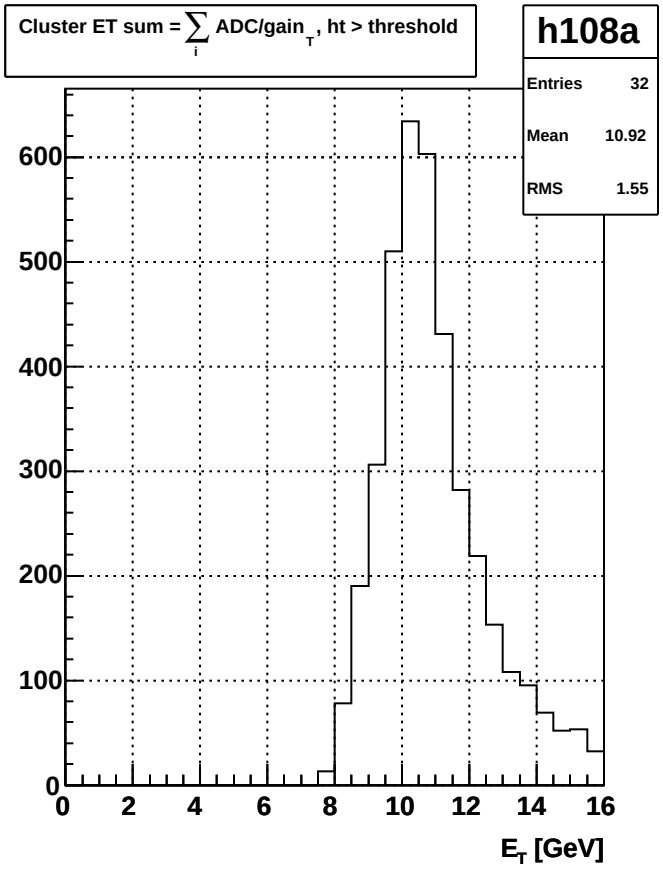

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

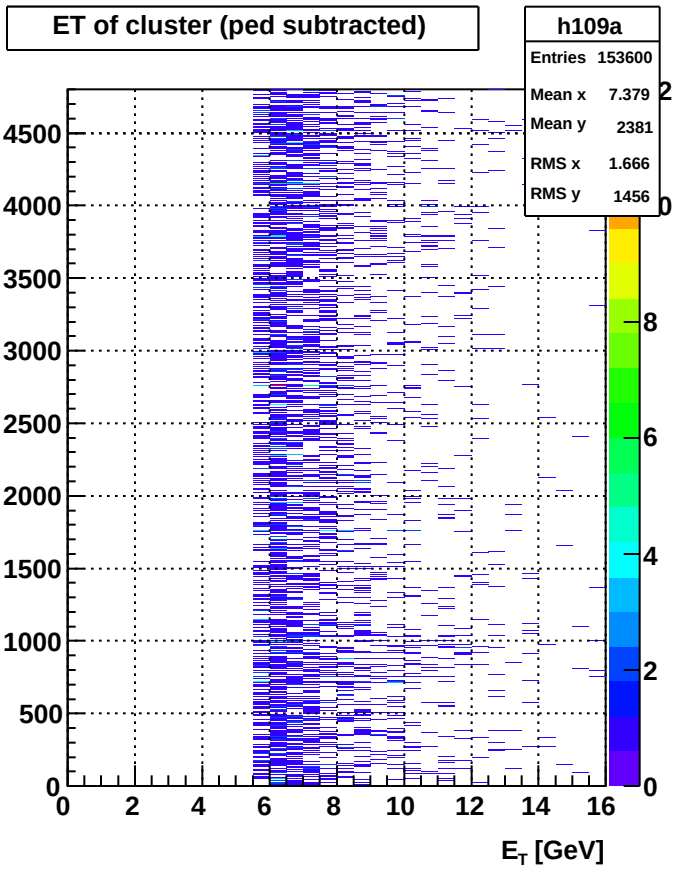

Raw ADC of ht, ht > threshold
h104
Entries 15605
Mean 351.1
RMS 70.64
250
200
150
100
50
0
0
200
400
600
800
1000
ADC


Raw ADC of ht, cluster > threshold
h105
Entries 3956
Mean 421.2
RMS 102.4
35
30
25
20
15
10
5
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 4066
Mean x 75.55
Mean y 2386
RMS x 16.51
RMS y 1455
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
ADC-ped
5
3
2.5
2
1.5
1
0.5
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 10.92
RMS 1.55
600
500
400
300
200
100
0
0 2 4 6 8 10 12 14 16
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 7.379
Mean y 2381
RMS x 1.666
RMS y 1456
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0 2 4 6 8 10 12 14 16
E_T [GeV]
8
6
4
2
0