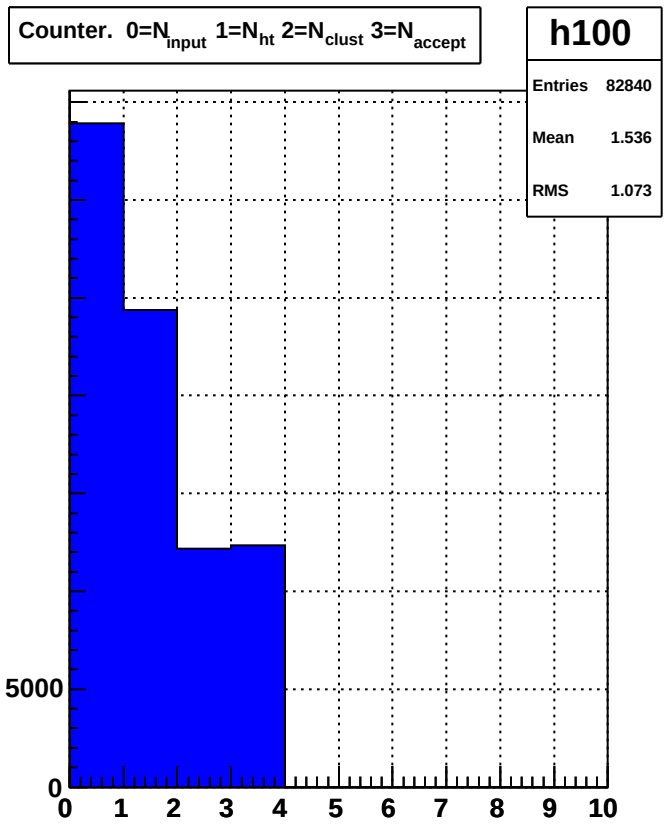
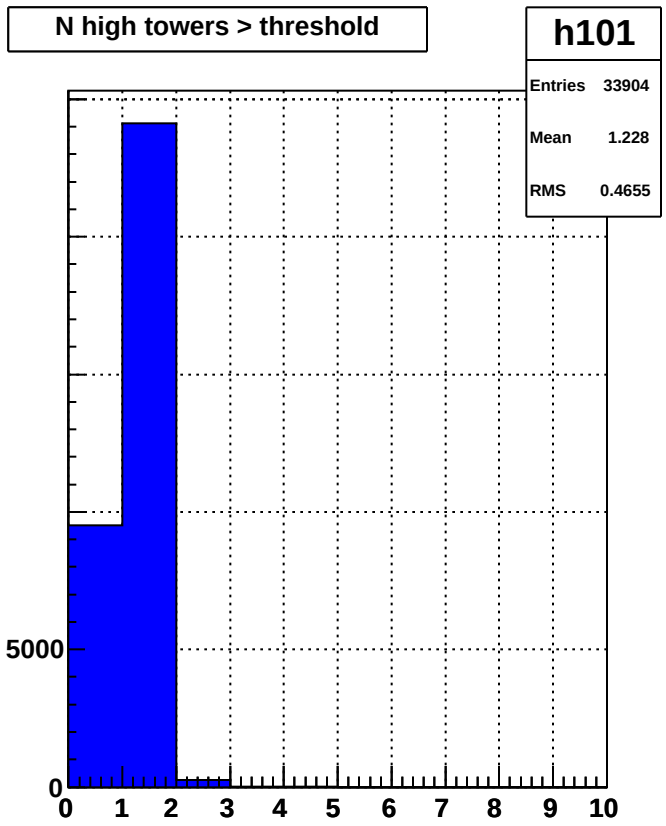
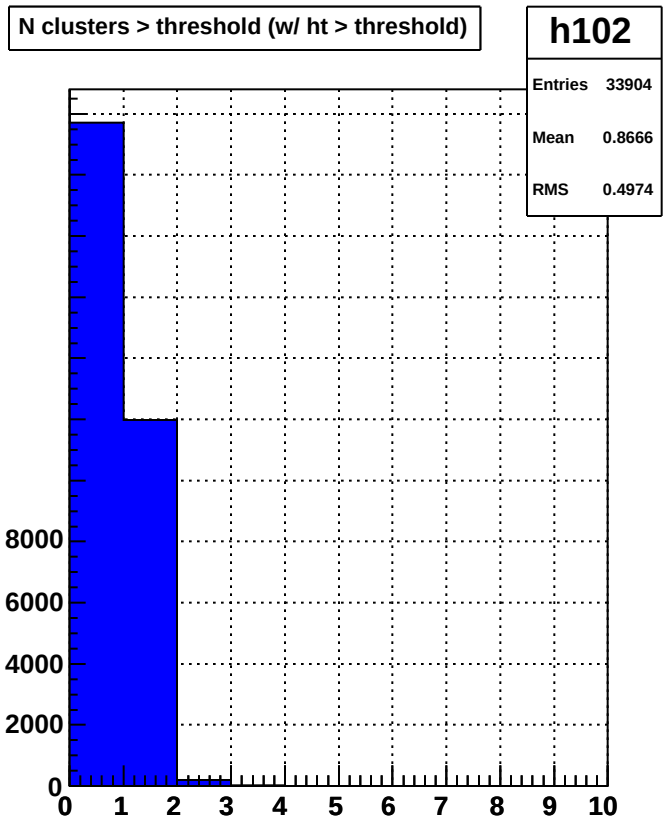
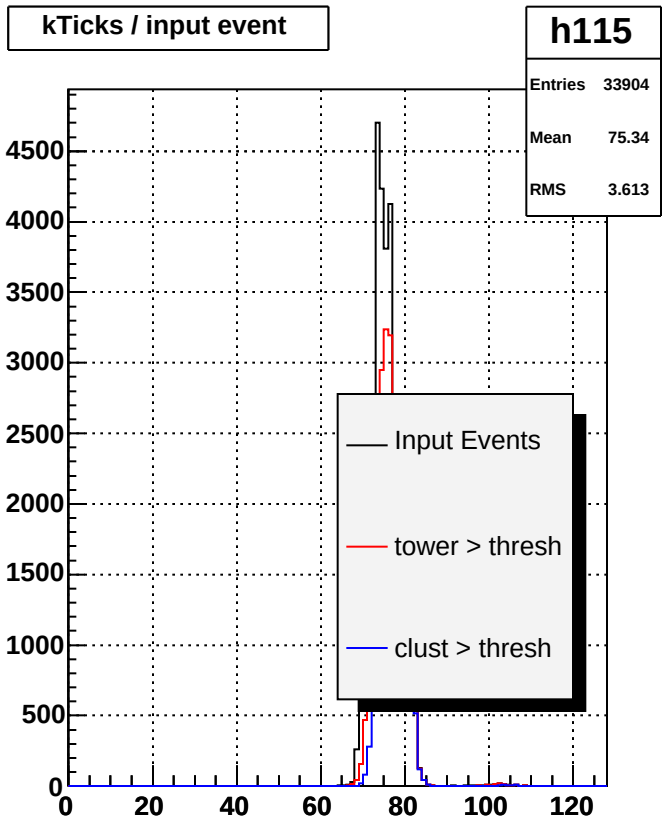
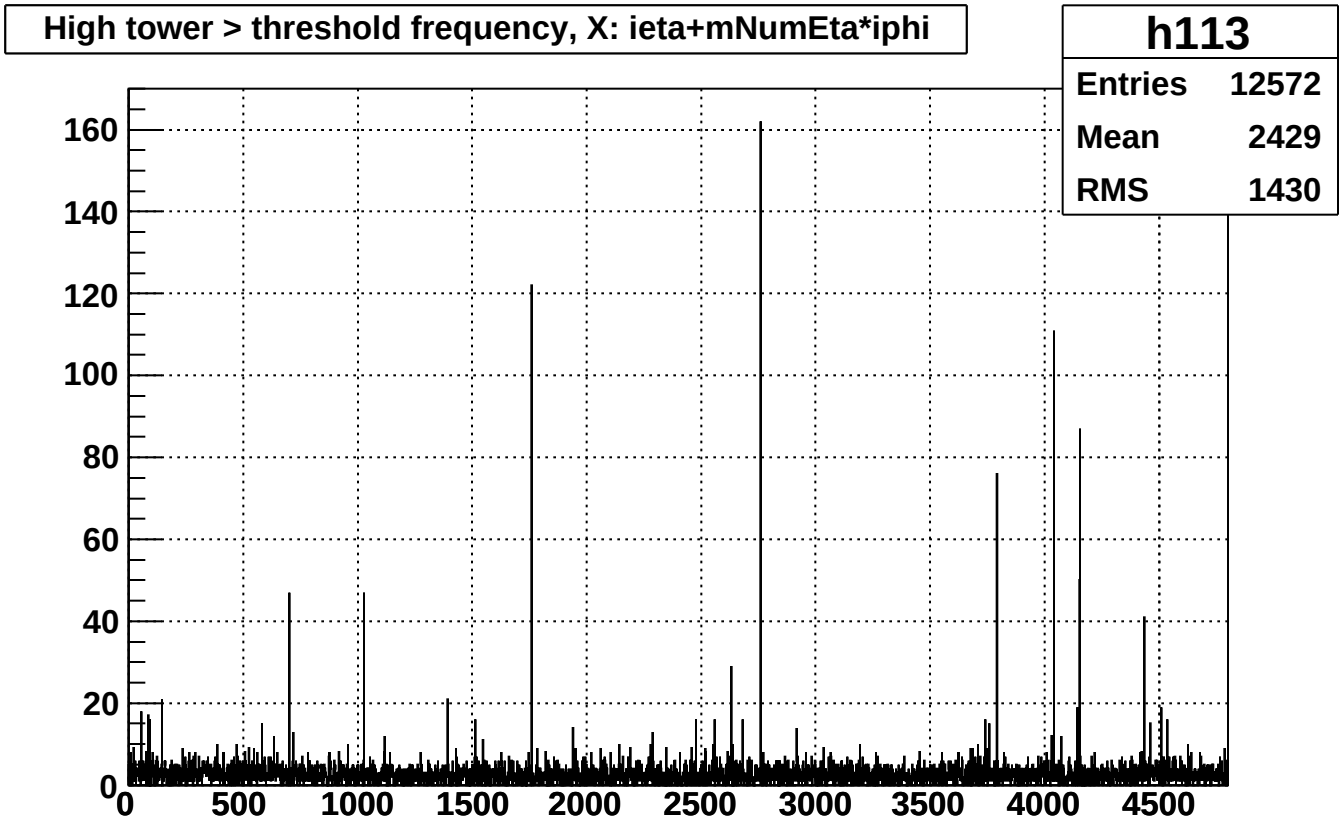
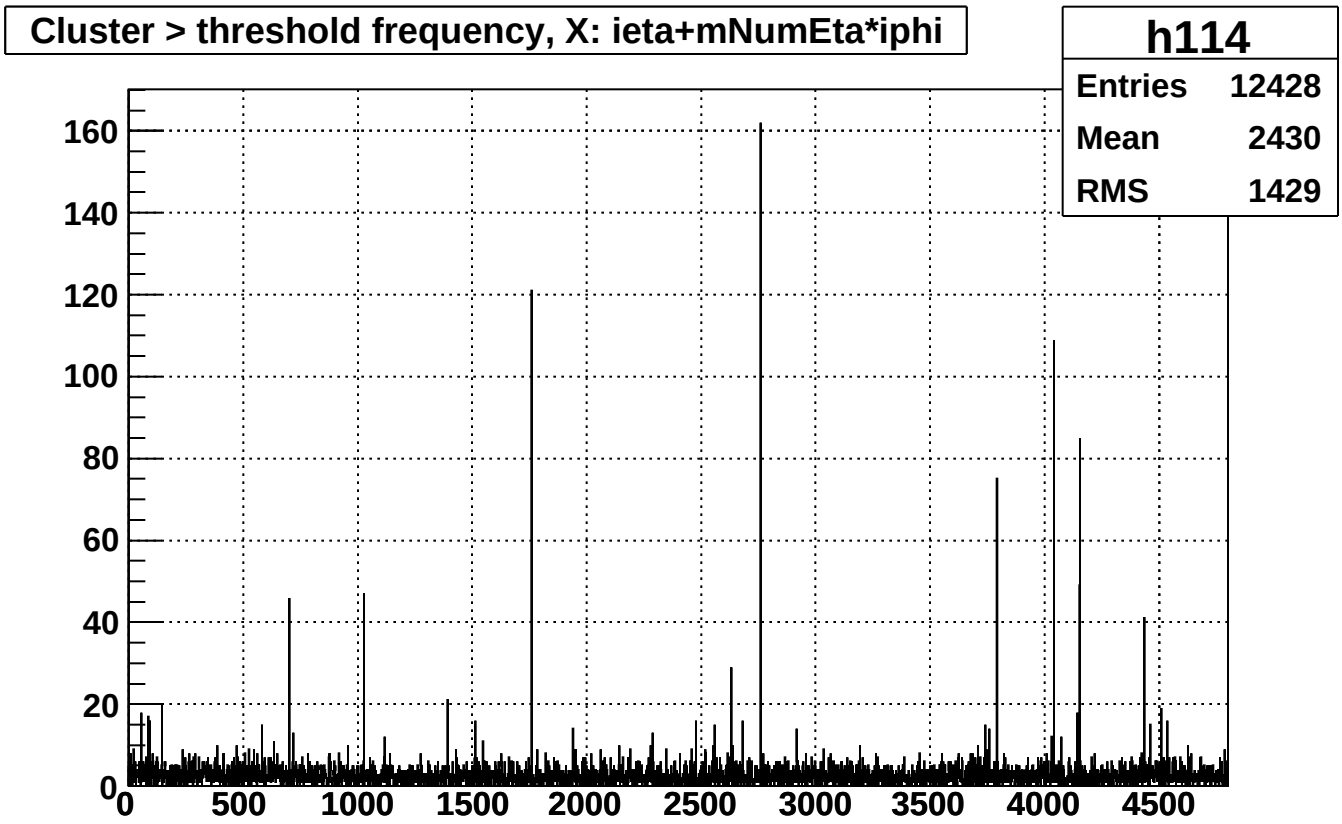

Counter. 0=N_input 1=N_ht 2=N_clust 3=N_accept
h100
Entries 82840
Mean 1.536
RMS 1.073
5000
0
0 1 2 3 4 5 6 7 8 9 10

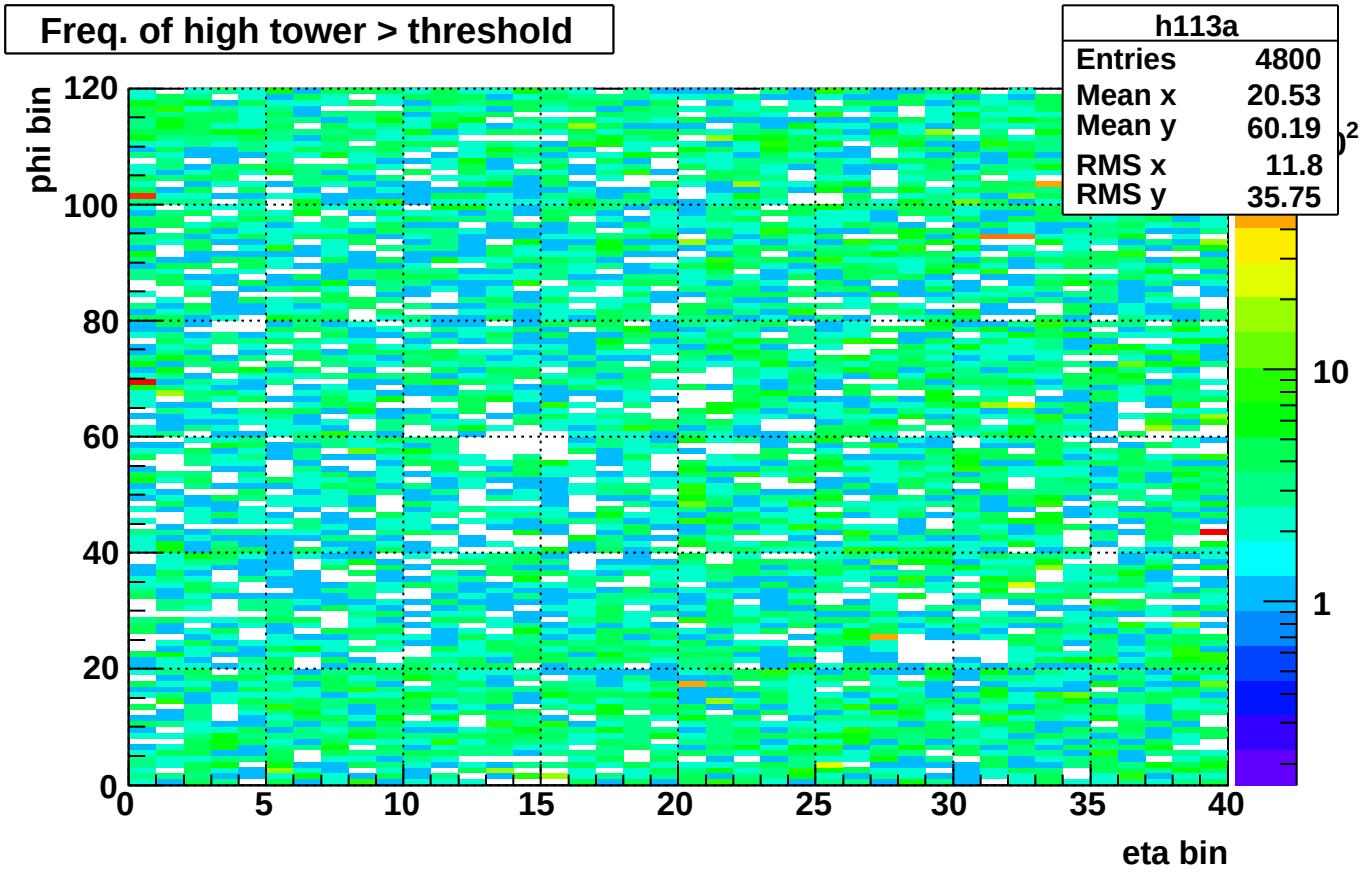

N high towers > threshold
h101
Entries 33904
Mean 1.228
RMS 0.4655
5000
0
0 1 2 3 4 5 6 7 8 9 10

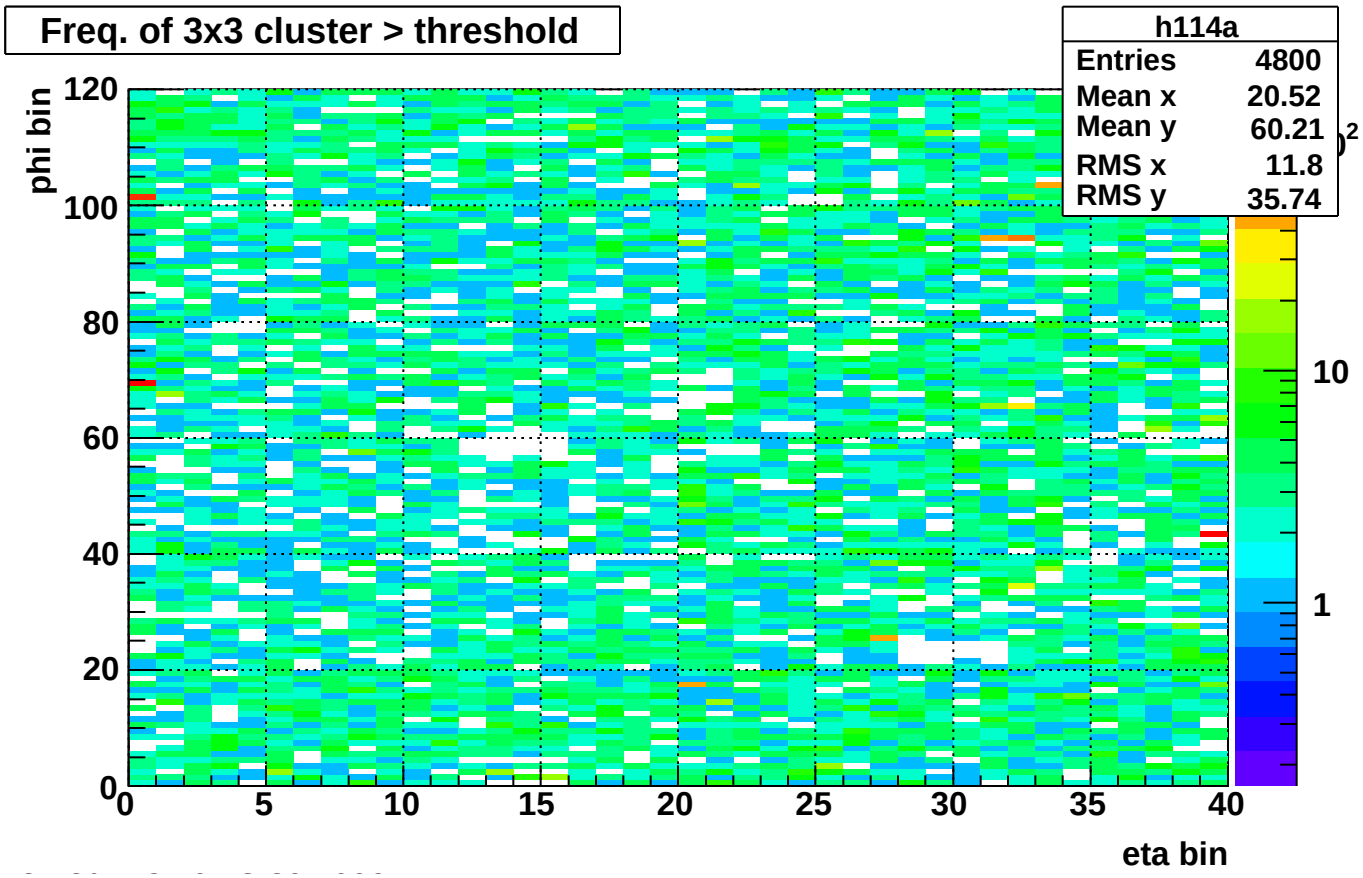

N clusters > threshold (w/ ht > threshold)
h102
Entries 33904
Mean 0.8666
RMS 0.4974
8000
6000
4000
2000
0
0 1 2 3 4 5 6 7 8 9 10

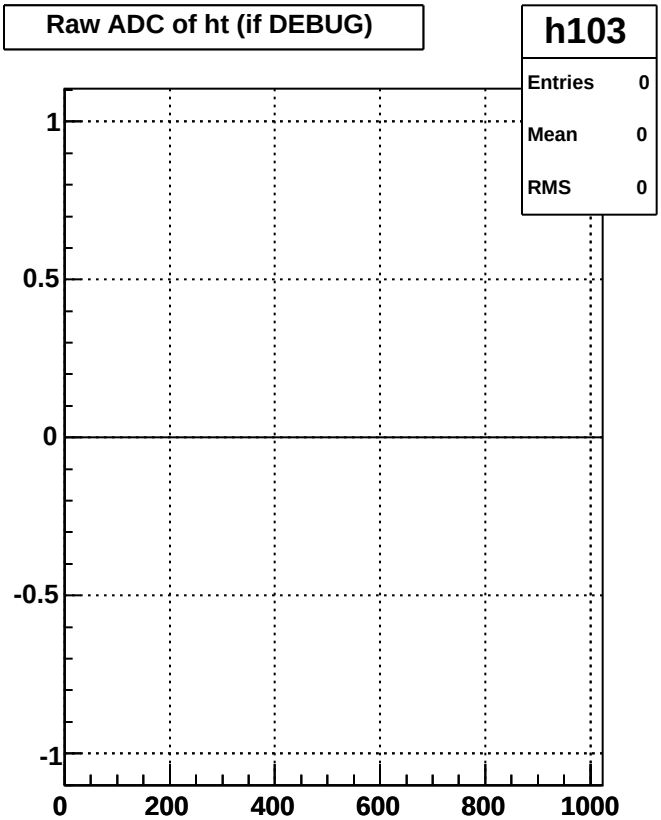

kTicks / input event
h115
Entries 33904
Mean 75.34
RMS 3.613
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0 20 40 60 80 100 120
Input Events
tower > thresh
clust > thresh

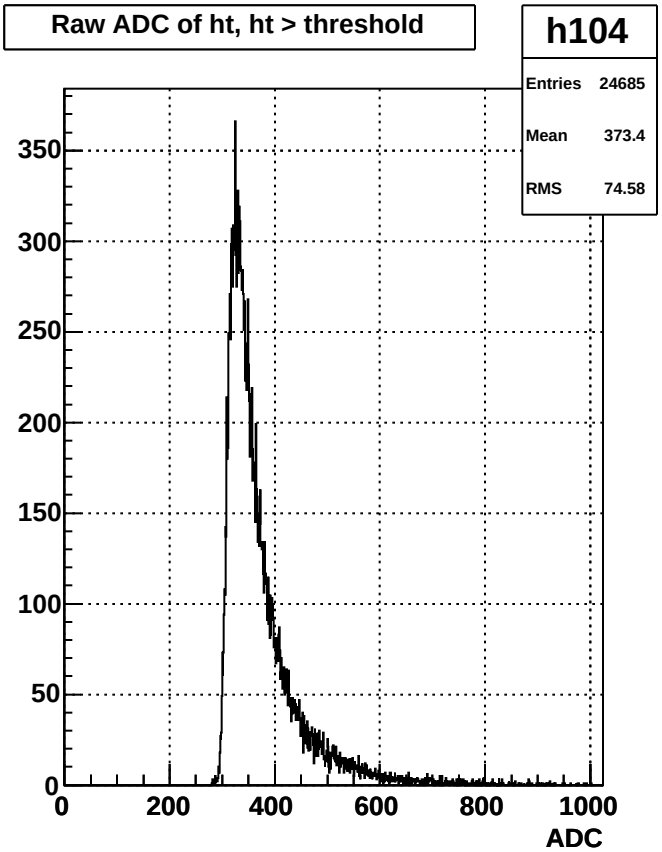

High tower > threshold frequency, X: ieta+mNumEta*iphi
h113
Entries 12572
Mean 2429
RMS 1430
0
20
40
60
80
100
120
140
160
0
500
1000
1500
2000
2500
3000
3500
4000
4500

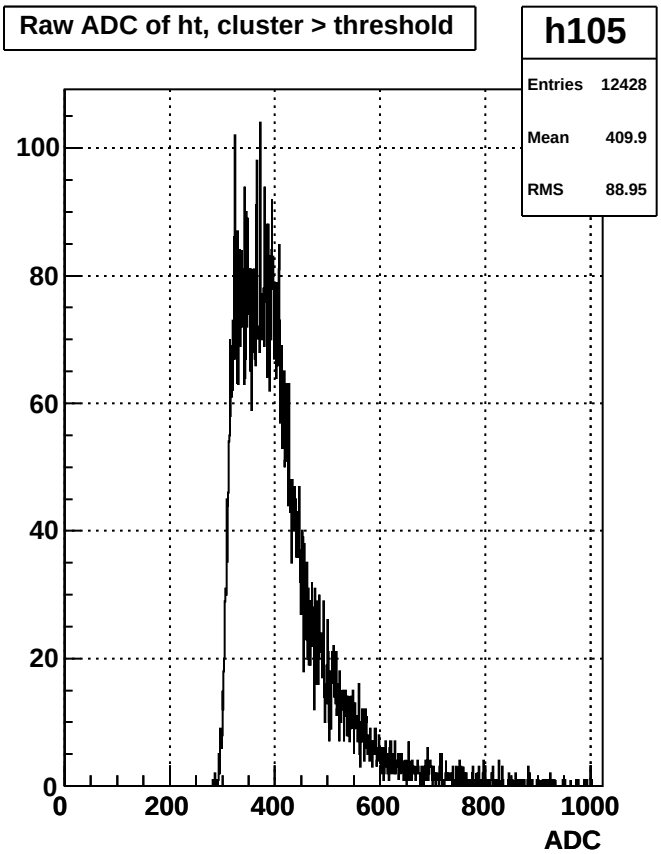

Cluster > threshold frequency, X: ieta+mNumEta*iphi
h114
Entries 12428
Mean 2430
RMS 1429
0
20
40
60
80
100
120
140
160
0
500
1000
1500
2000
2500
3000
3500
4000
4500

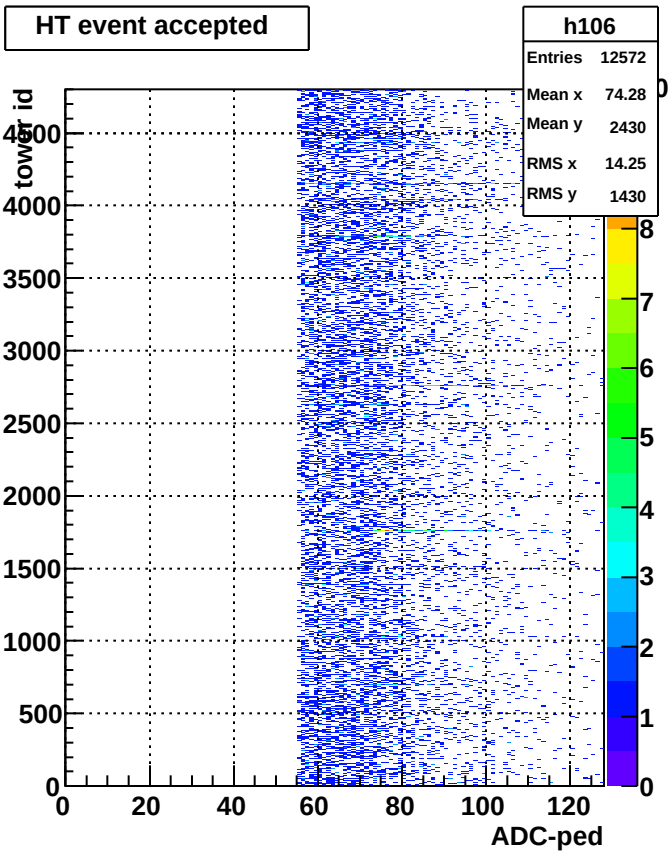

Freq. of high tower > threshold
h113a
Entries 4800
Mean x 20.53
Mean y 60.19
RMS x 11.8
RMS y 35.75
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10

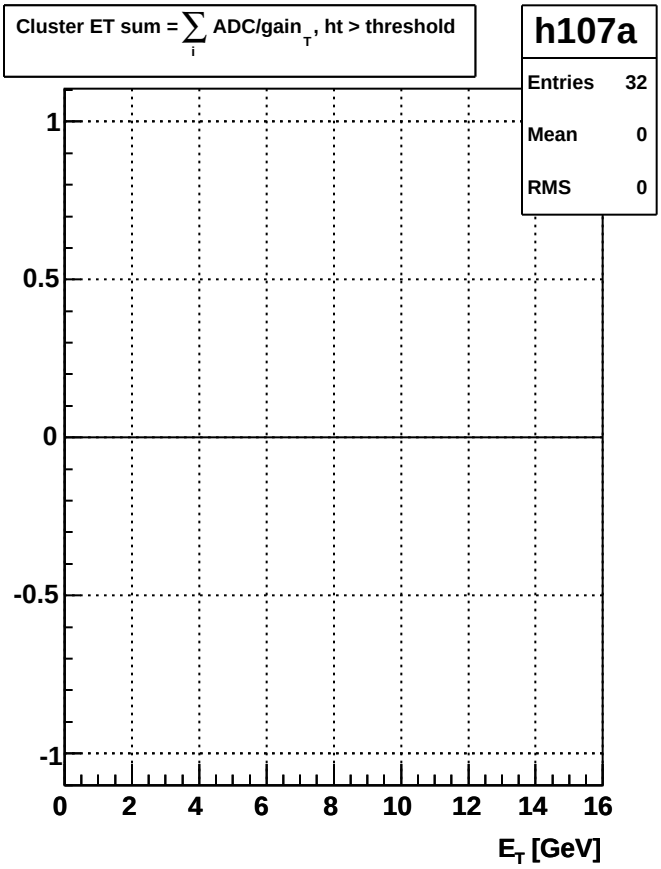

Freq. of 3x3 cluster > threshold
h114a
Entries 4800
Mean x 20.52
Mean y 60.21
RMS x 11.8
RMS y 35.74
phi bin
eta bin
0
20
40
60
80
100
120
0
5
10
15
20
25
30
35
40
1
10

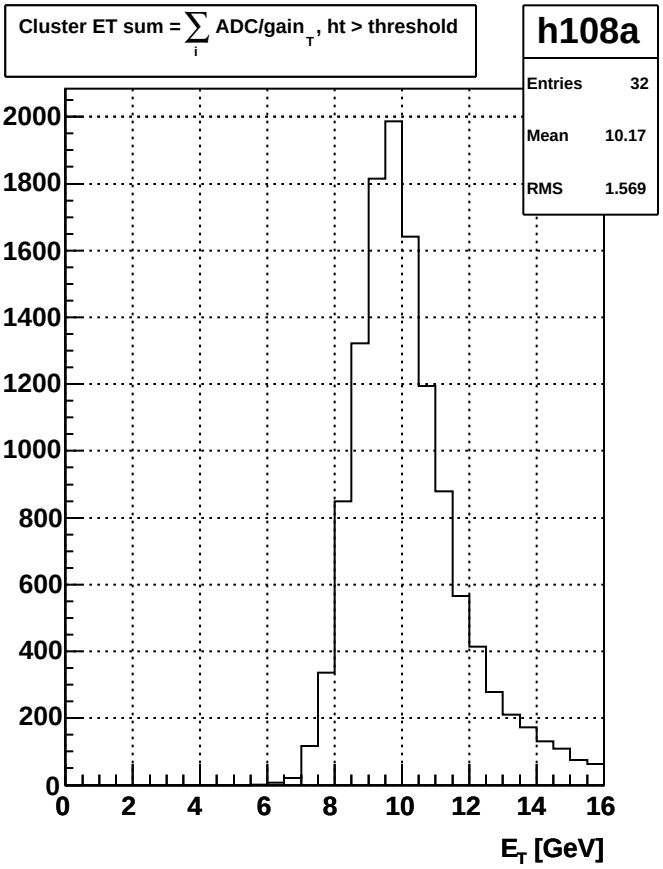

Raw ADC of ht (if DEBUG)
h103
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
200
400
600
800
1000

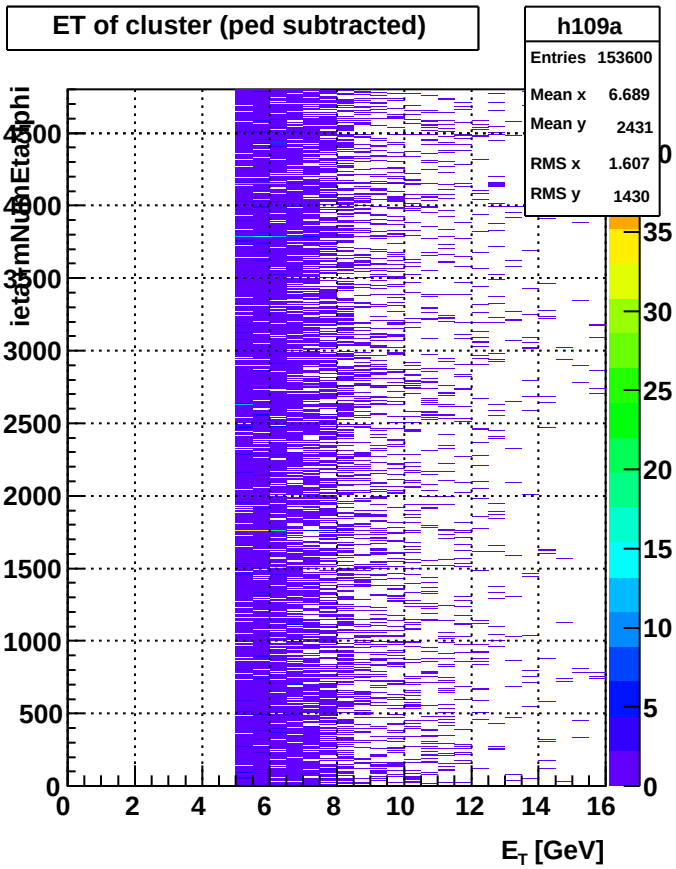

Raw ADC of ht, ht > threshold
h104
Entries 24685
Mean 373.4
RMS 74.58
350
300
250
200
150
100
50
0
0
200
400
600
800
1000
ADC

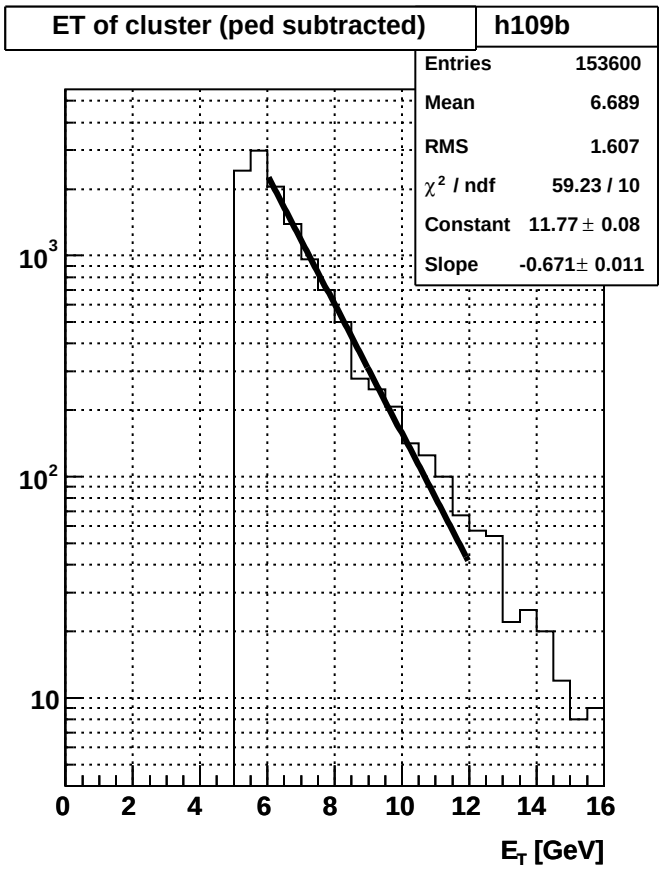

Raw ADC of ht, cluster > threshold
h105
Entries 12428
Mean 409.9
RMS 88.95
100
80
60
40
20
0
0
200
400
600
800
1000
ADC


HT event accepted
h106
Entries 12572
Mean x 74.28
Mean y 2430
RMS x 14.25
RMS y 1430
tower id
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
ADC-ped
8
7
6
5
4
3
2
1
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 10.17
RMS 1.569
E_T [GeV]


ET of cluster (ped subtracted)
h109a
Entries 153600
Mean x 6.689
Mean y 2431
RMS x 1.607
RMS y 1430
ietaTimNumEtaPhi
E_T [GeV]


ET of cluster (ped subtracted)
h109b
Entries 153600
Mean 6.689
RMS 1.607
χ^2 / ndf 59.23 / 10
Constant 11.77 ± 0.08
Slope -0.671 ± 0.011
E_T [GeV]