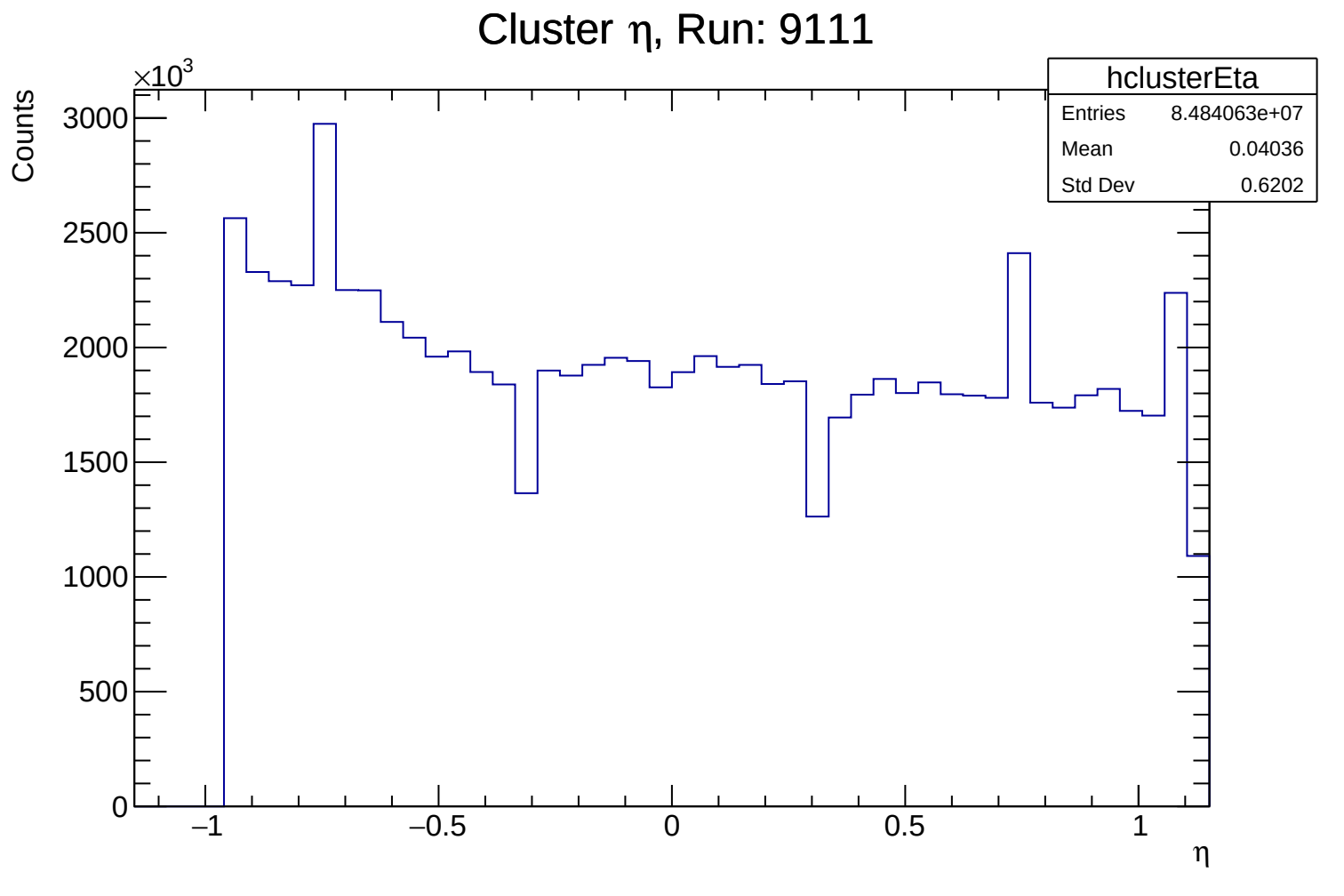
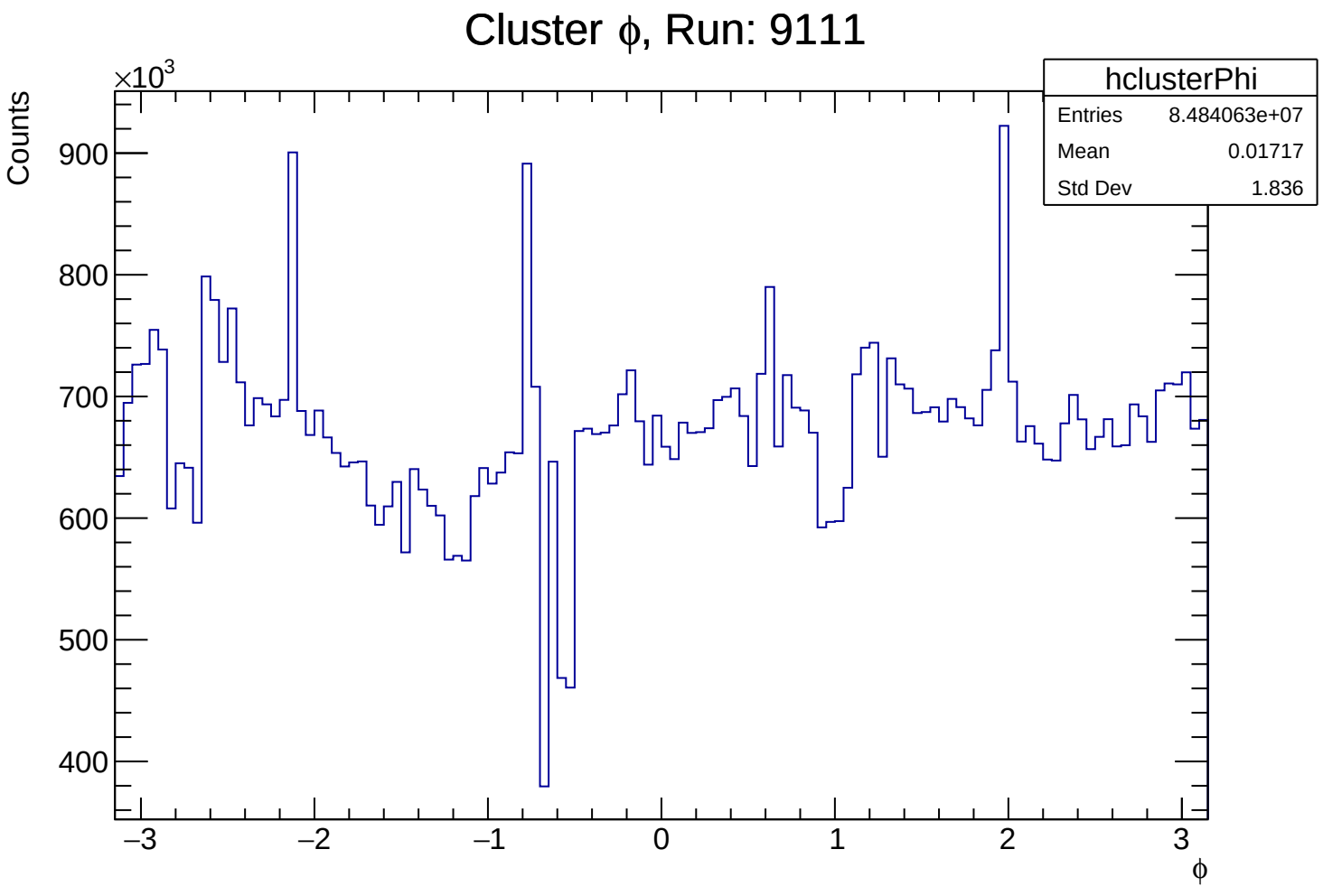
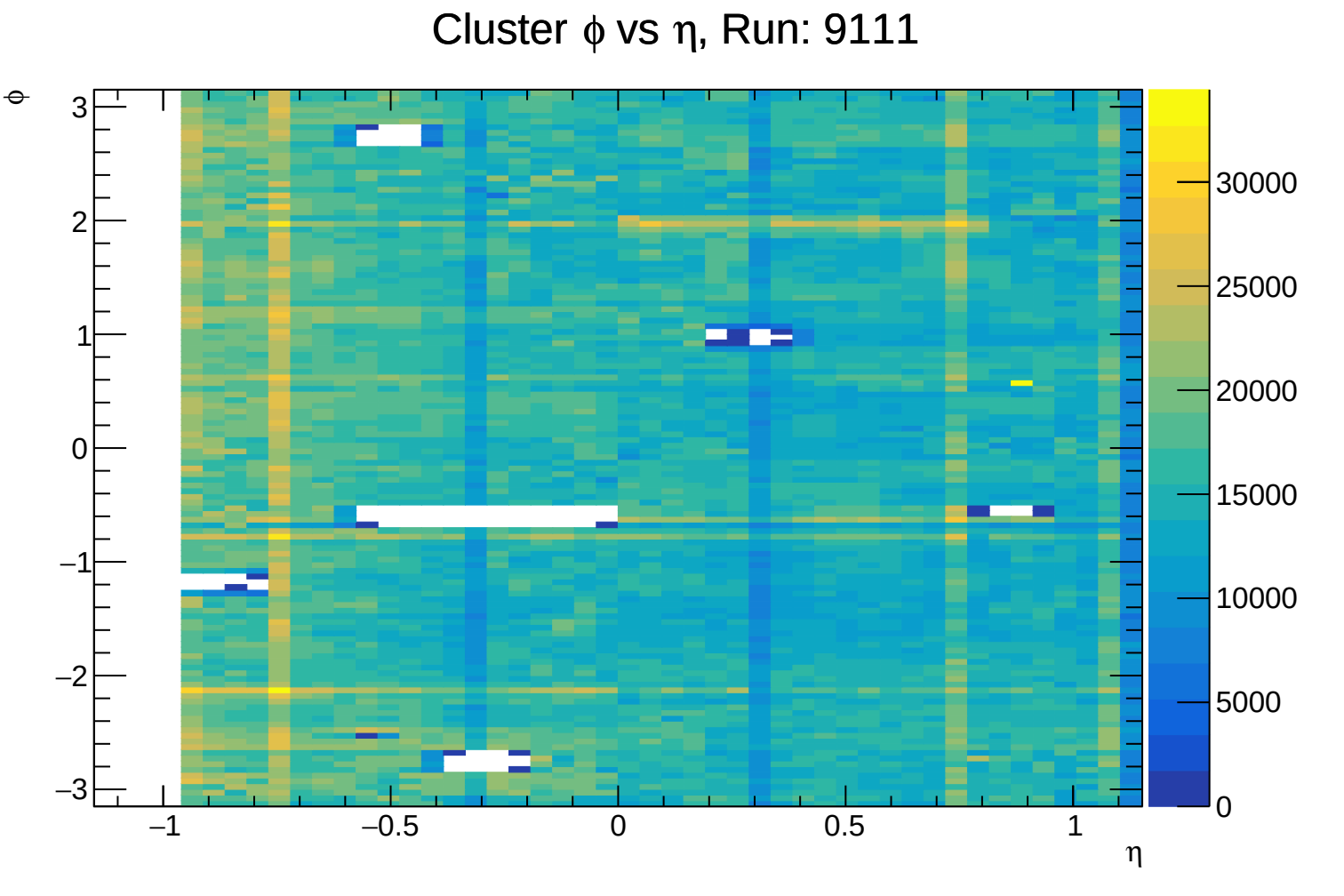
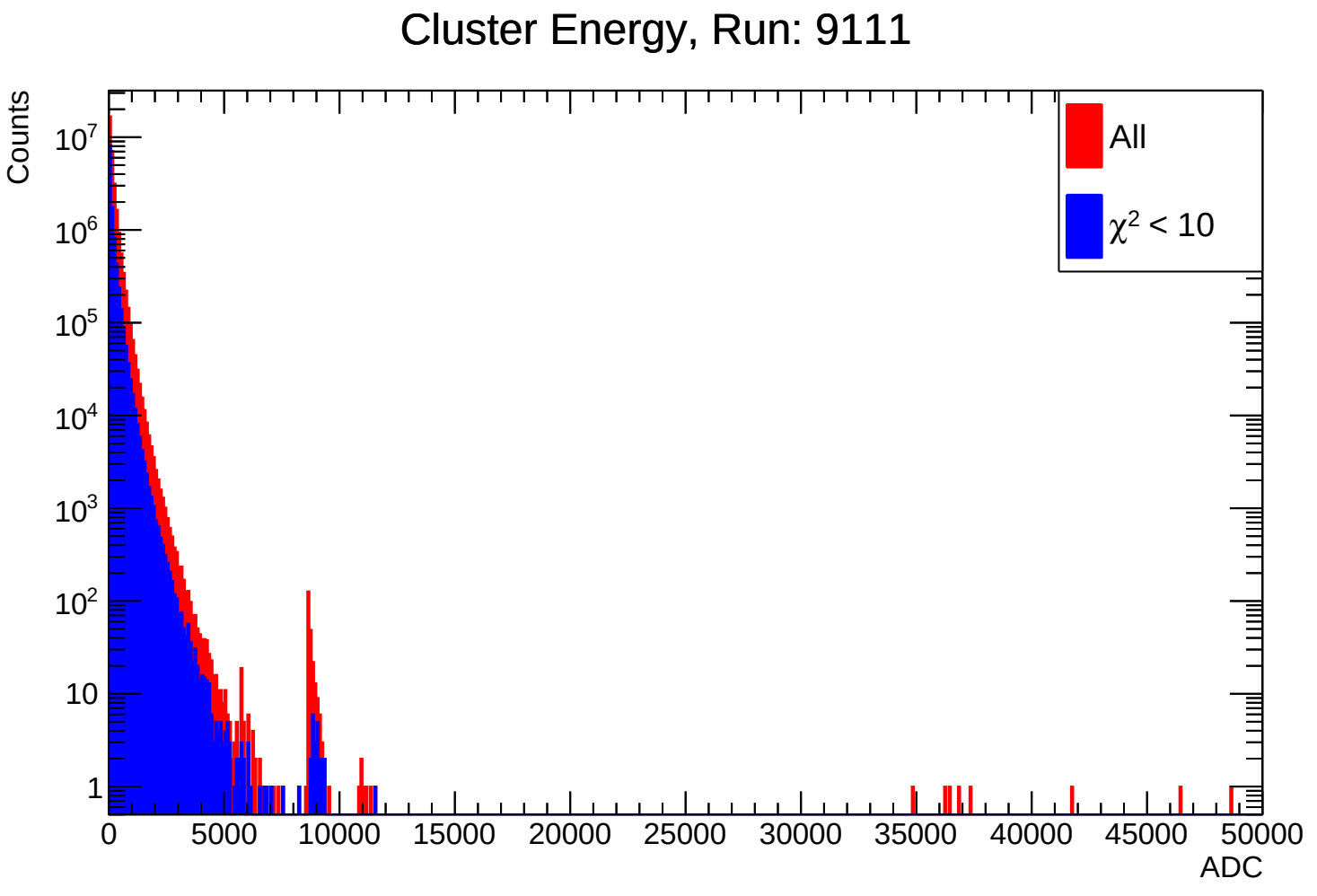
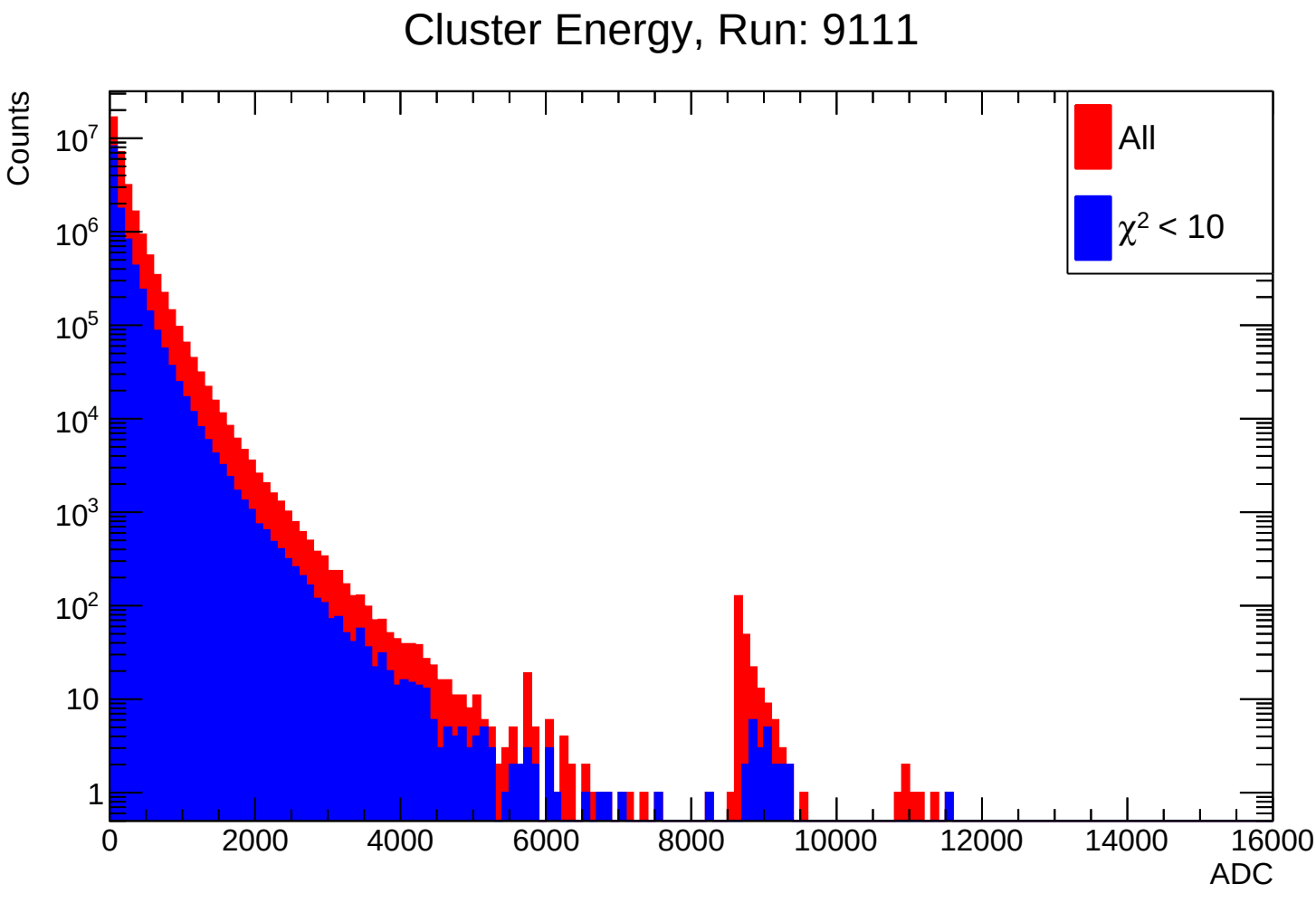
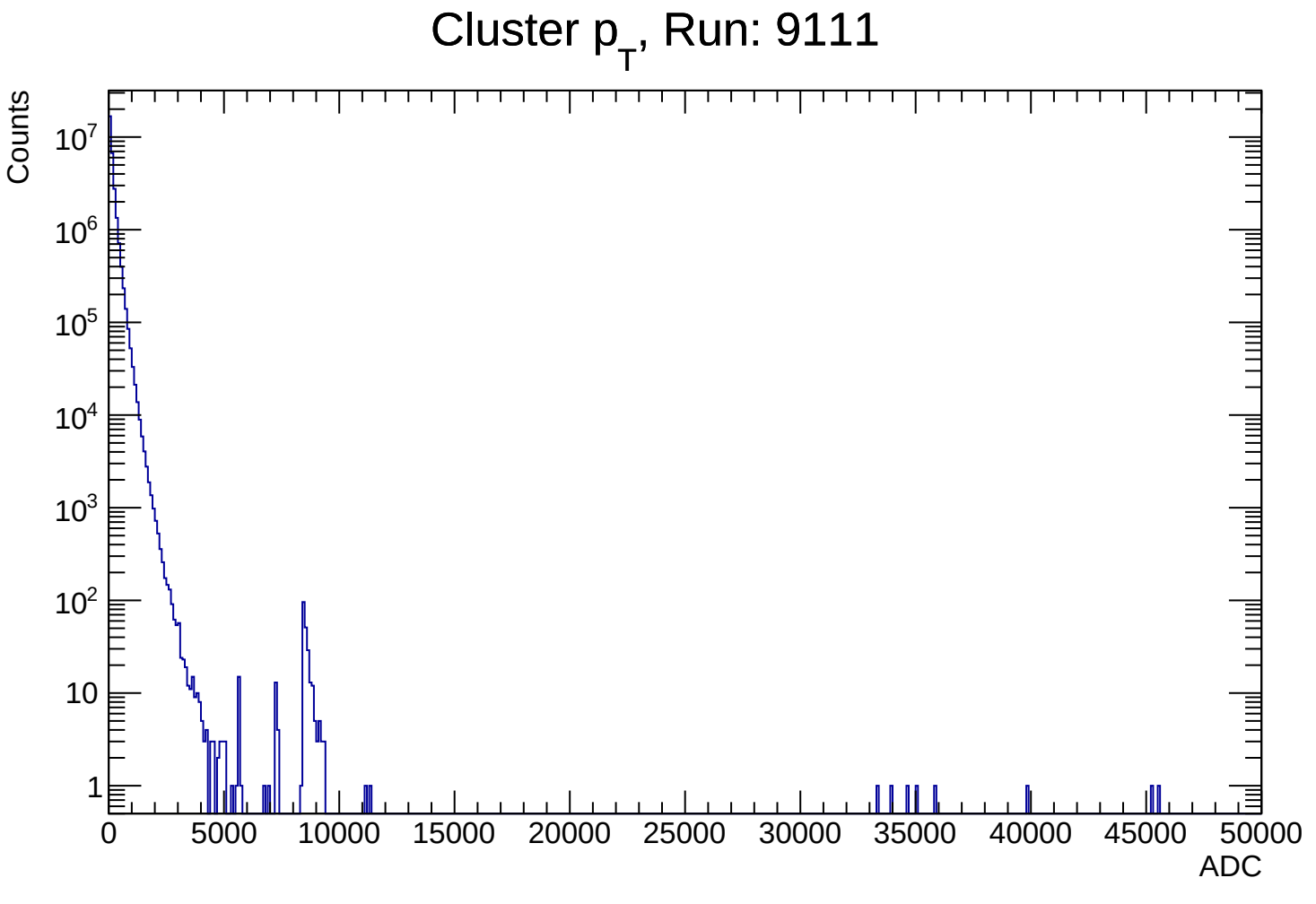

Cluster η, Run: 9111
hclusterEta
Entries 8.484063e+07
Mean 0.04036
Std Dev 0.6202
×10^3
Counts
3000
2500
2000
1500
1000
500
0
−1
−0.5
0
0.5
1
η

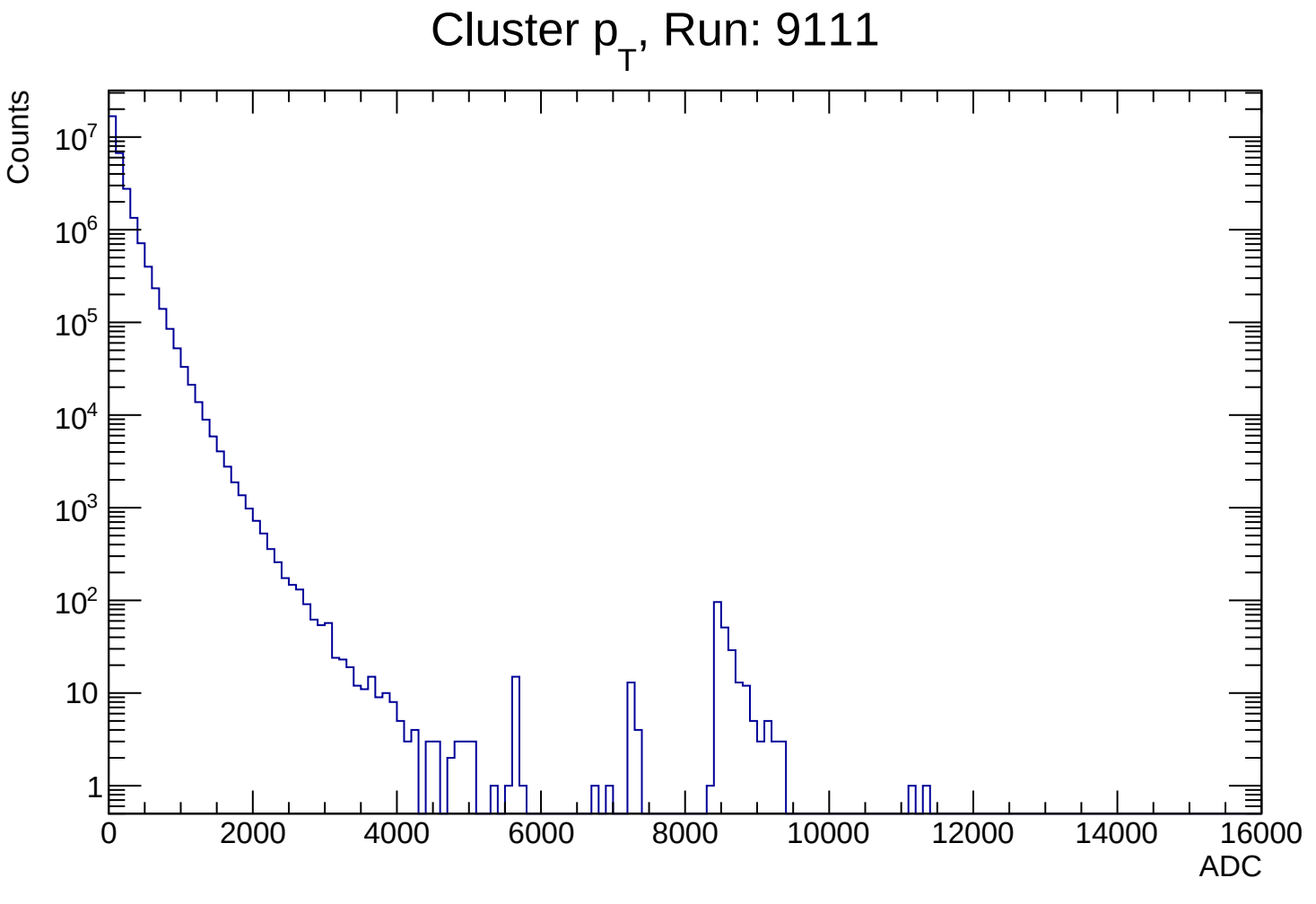

Cluster ϕ, Run: 9111
hclusterPhi
Entries 8.484063e+07
Mean 0.01717
Std Dev 1.836
Counts
×10^3
900
800
700
600
500
400
−3
−2
−1
0
1
2
3
ϕ

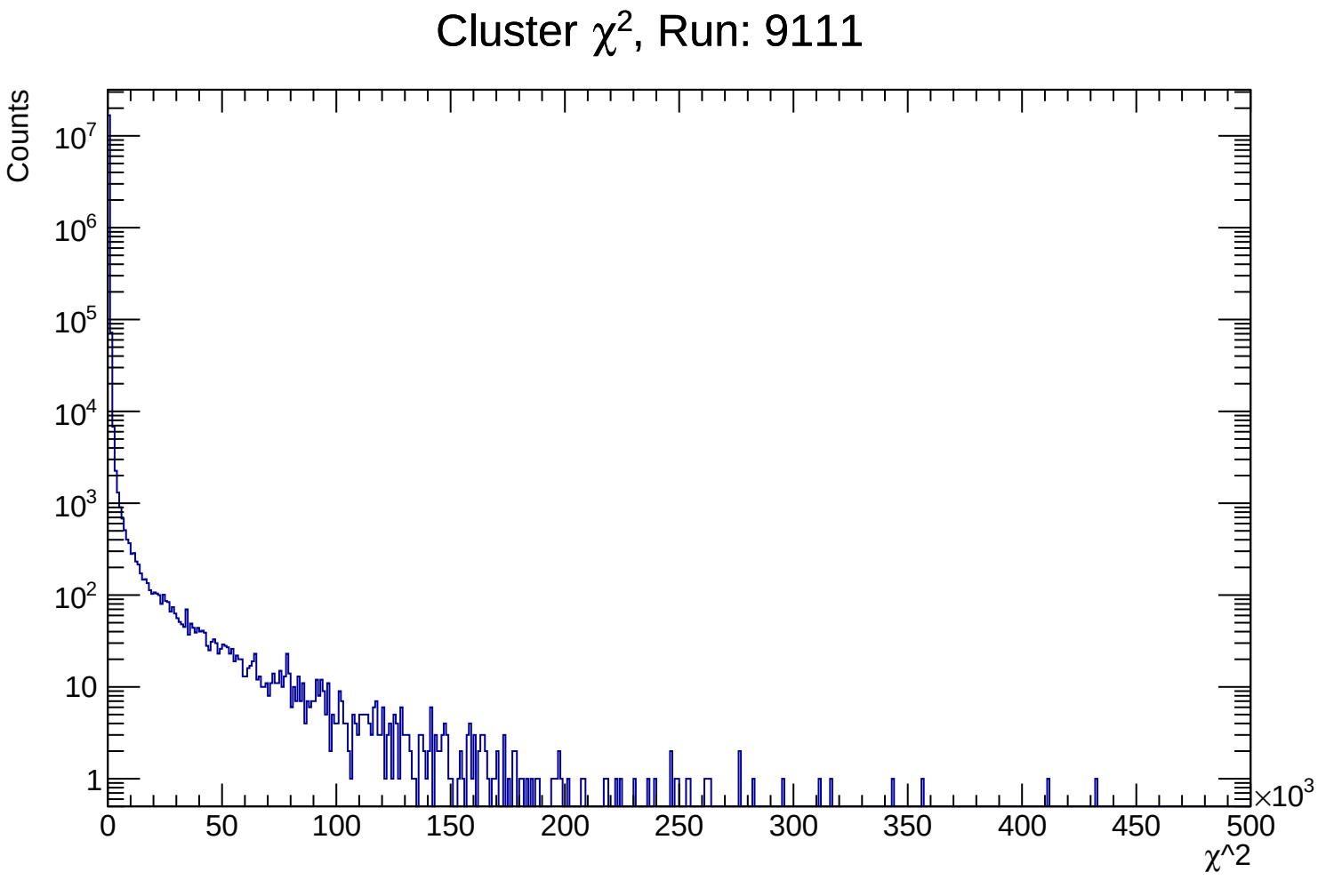

Cluster ϕ vs η, Run: 9111
ϕ
3
2
1
0
−1
−2
−3
−1
−0.5
0
0.5
1
η
30000
25000
20000
15000
10000
5000
0

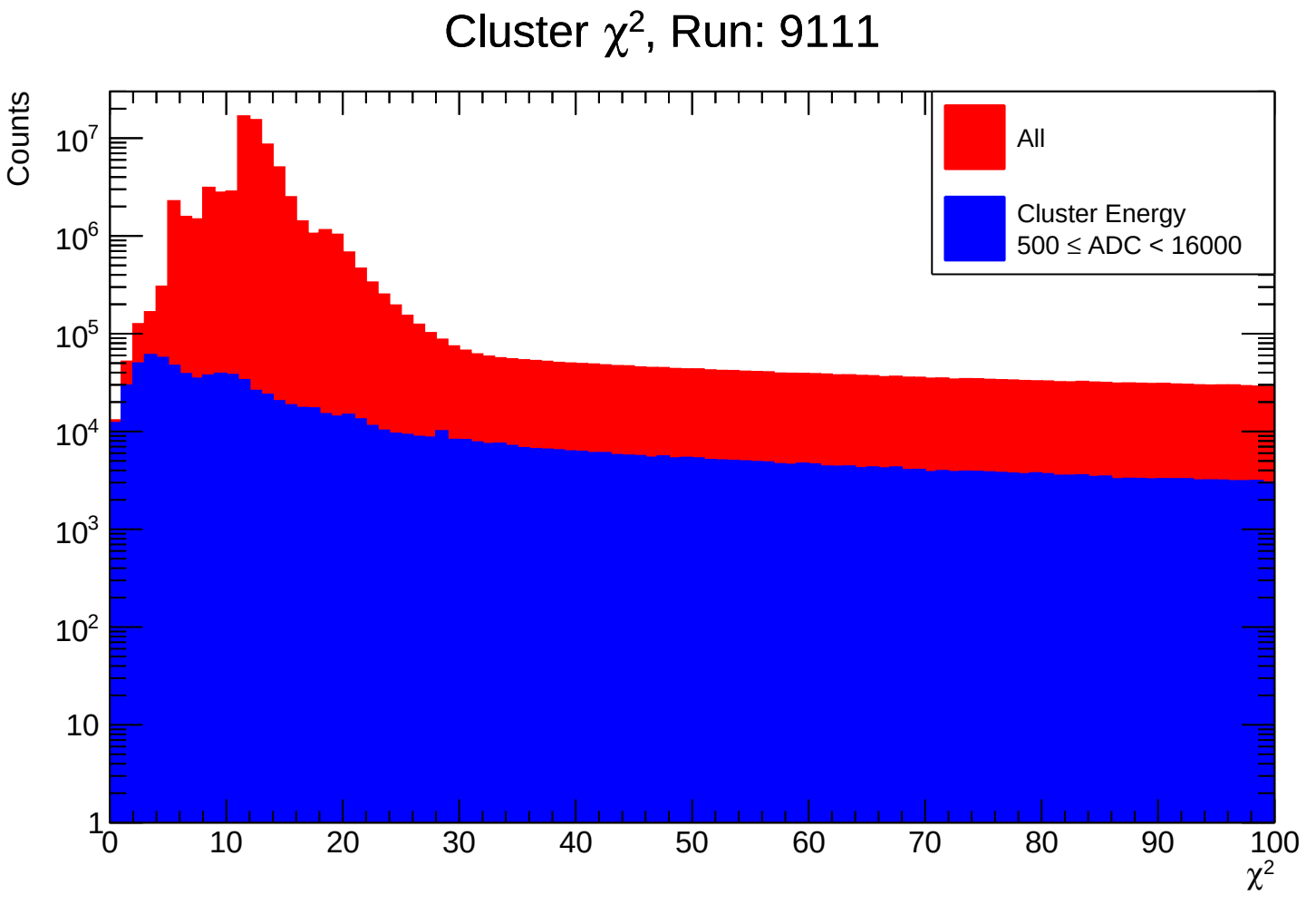

Cluster Energy, Run: 9111
Counts
10^7
10^6
10^5
10^4
10^3
10^2
10
1
0
5000
10000
15000
20000
25000
30000
35000
40000
45000
50000
ADC
All
$\chi^2 < 10$

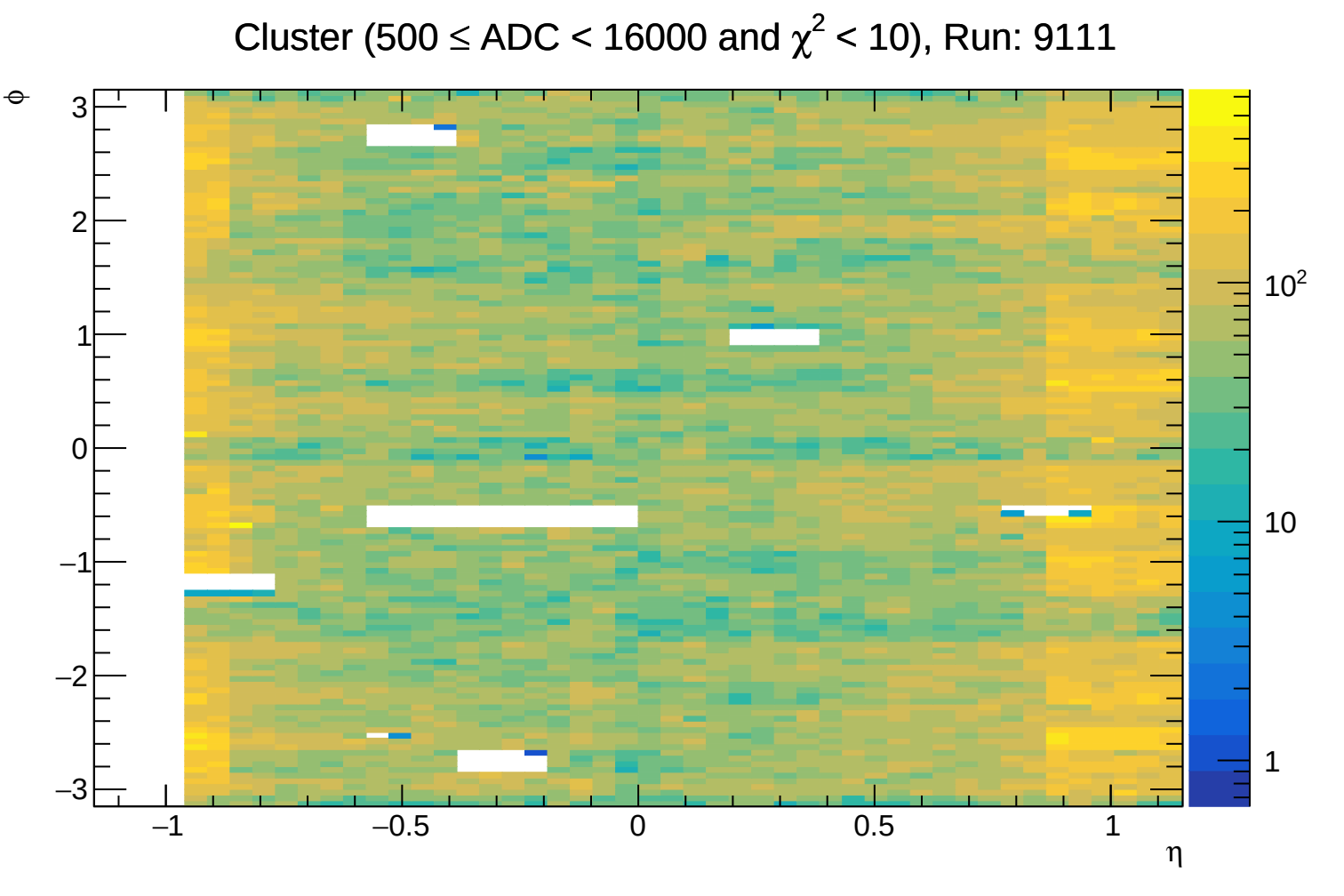

Cluster Energy, Run: 9111
Counts
10^7
10^6
10^5
10^4
10^3
10^2
10
1
0
2000
4000
6000
8000
10000
12000
14000
16000
ADC
All
$\chi^2 < 10$

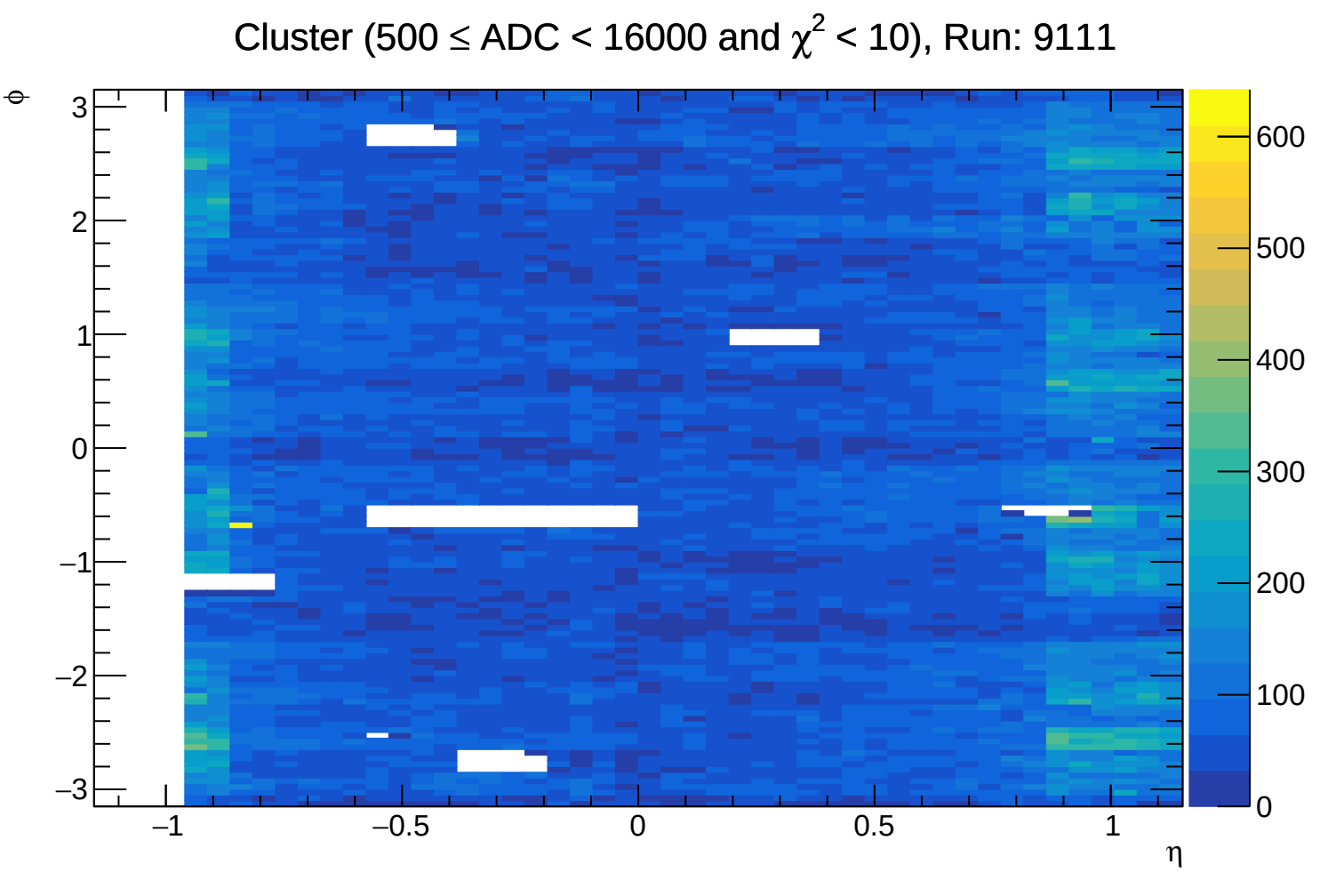

Cluster p_T, Run: 9111
Counts
10^7
10^6
10^5
10^4
10^3
10^2
10
1
0
5000
10000
15000
20000
25000
30000
35000
40000
45000
50000
ADC


Cluster p_T, Run: 9111
Counts
10^7
10^6
10^5
10^4
10^3
10^2
10
1
0
2000
4000
6000
8000
10000
12000
14000
16000
ADC


Cluster χ^2, Run: 9111
Counts
10^7
10^6
10^5
10^4
10^3
10^2
10
1
0
50
100
150
200
250
300
350
400
450
500
$\times 10^3$
χ^2


Cluster χ^2, Run: 9111
Counts
10^7
10^6
10^5
10^4
10^3
10^2
10
1
0
10
20
30
40
50
60
70
80
90
100
χ^2
All
Cluster Energy
500 ≤ ADC < 16000


Cluster (500 ≤ ADC < 16000 and χ^2 < 10), Run: 9111
ϕ
3
2
1
0
−1
−2
−3
−1
−0.5
0
0.5
1
η
10^2
10
1


Cluster (500 ≤ ADC < 16000 and χ^2 < 10), Run: 9111
ϕ
3
2
1
0
−1
−2
−3
−1
−0.5
0
0.5
1
η
600
500
400
300
200
100
0