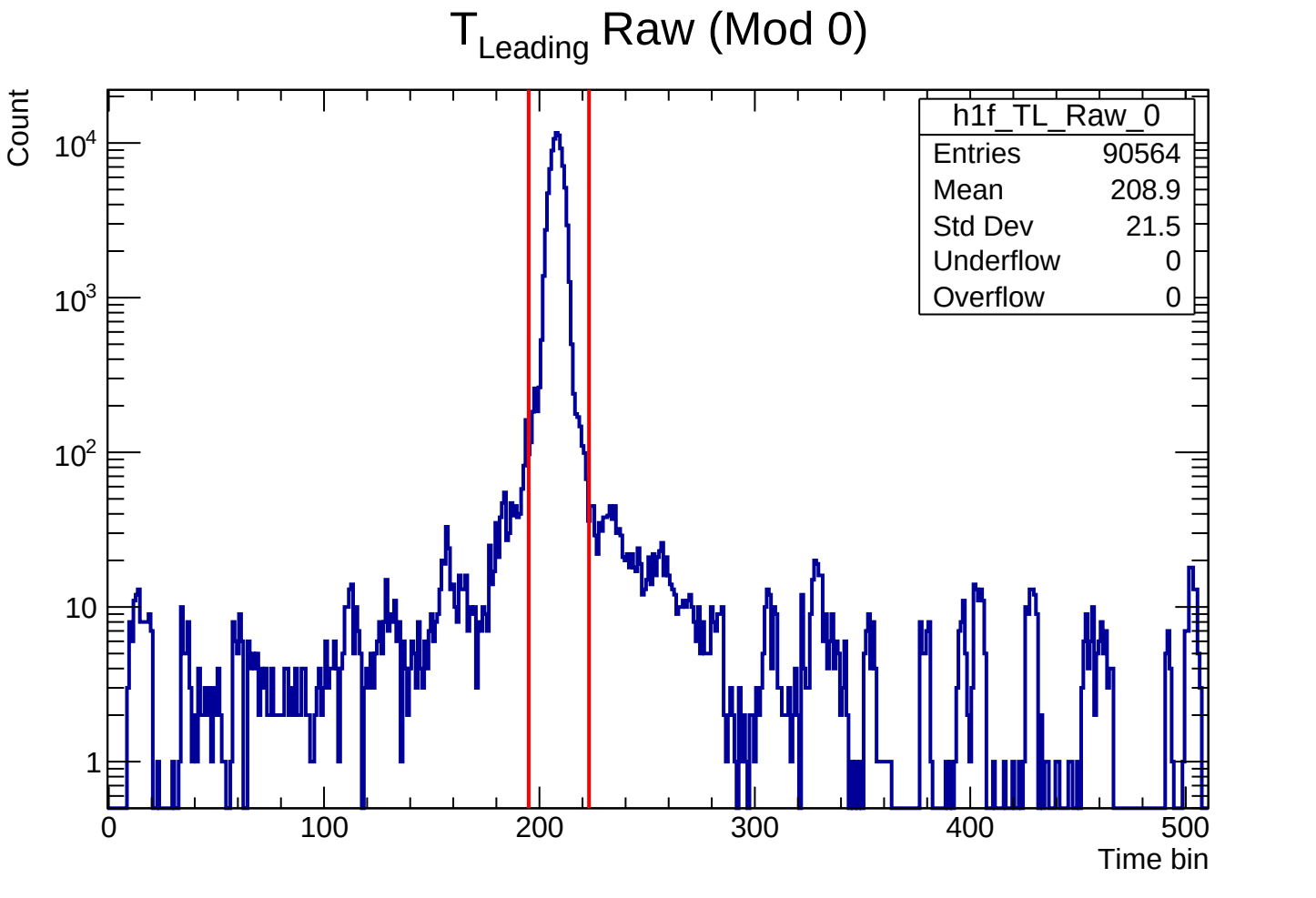
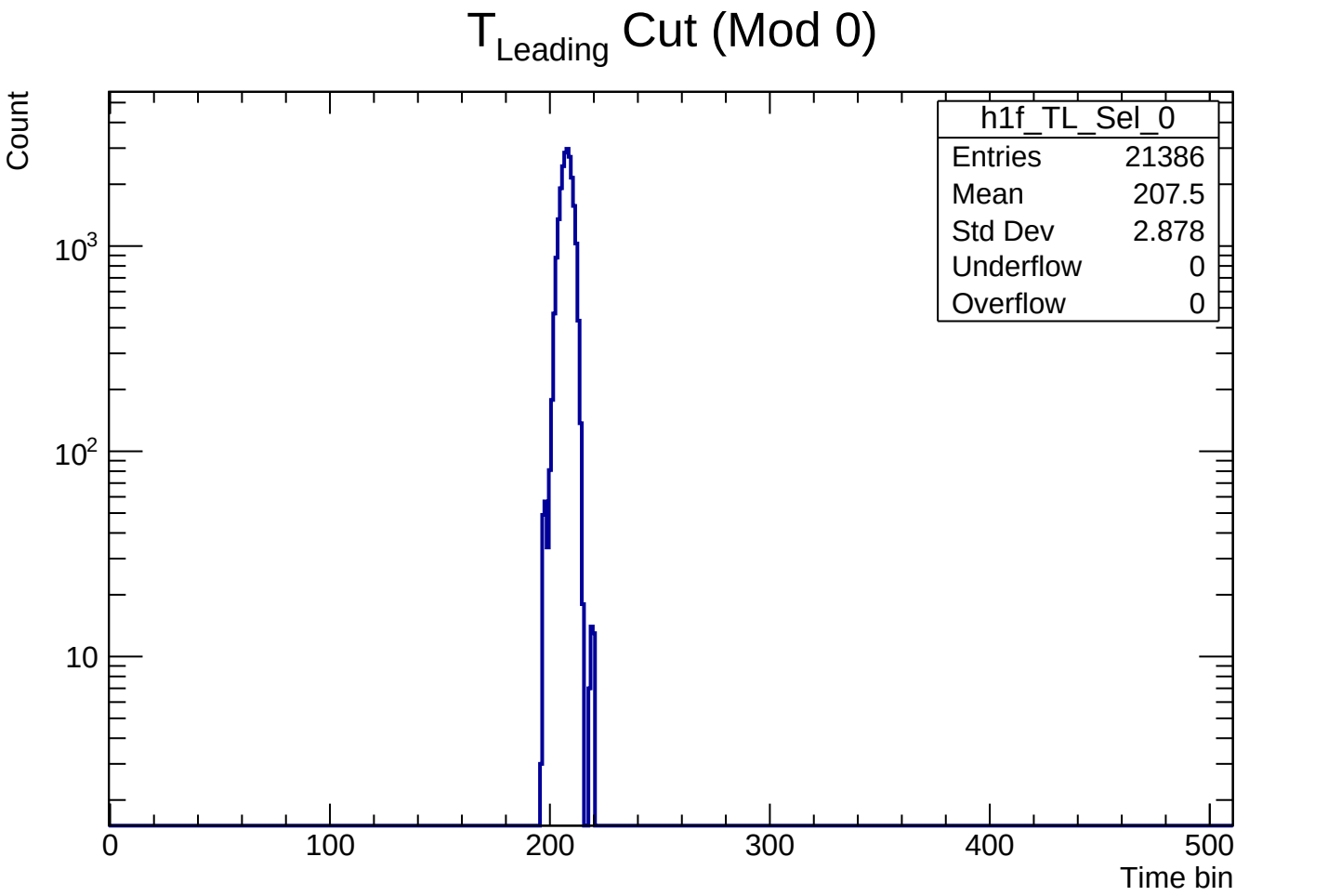
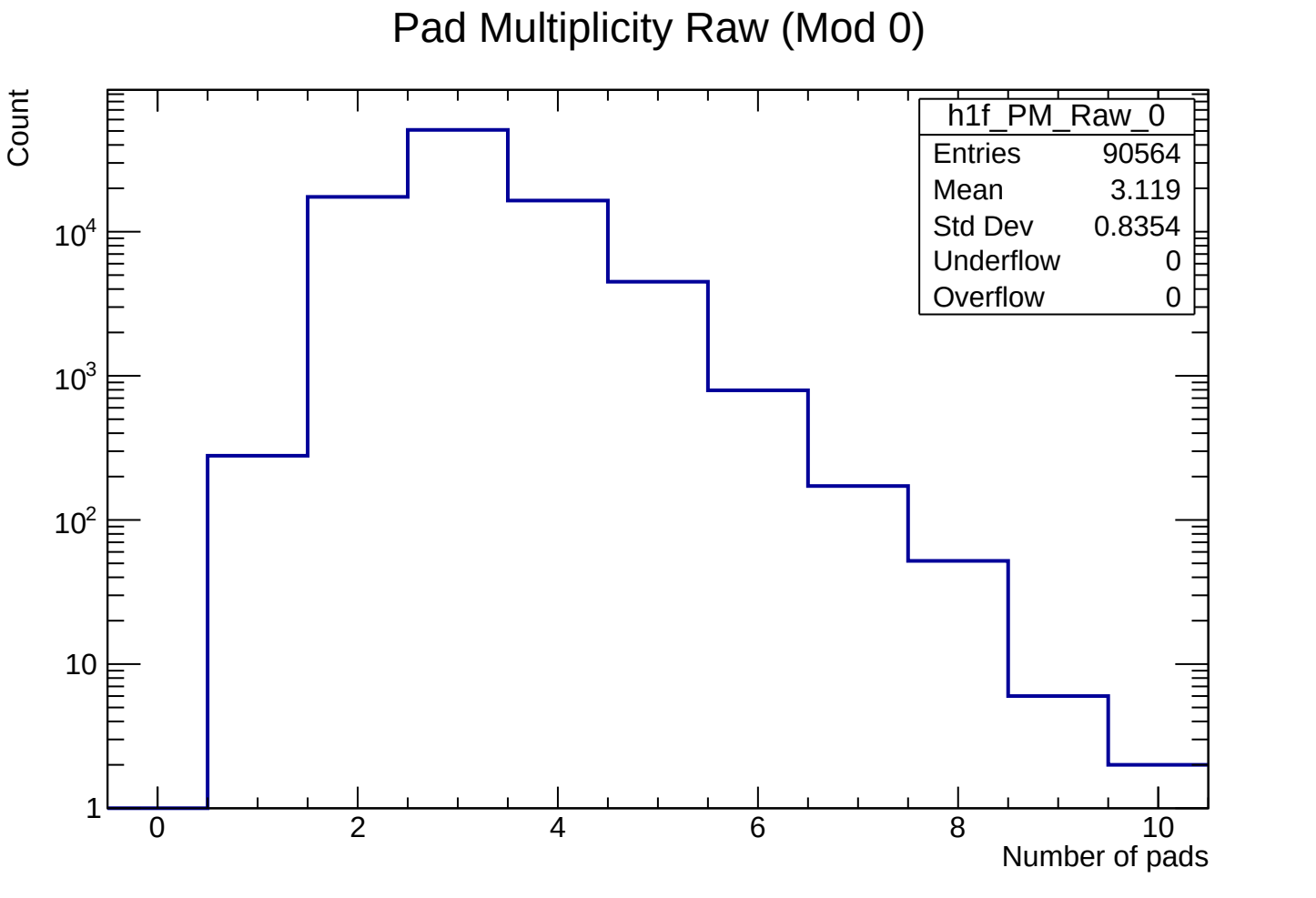
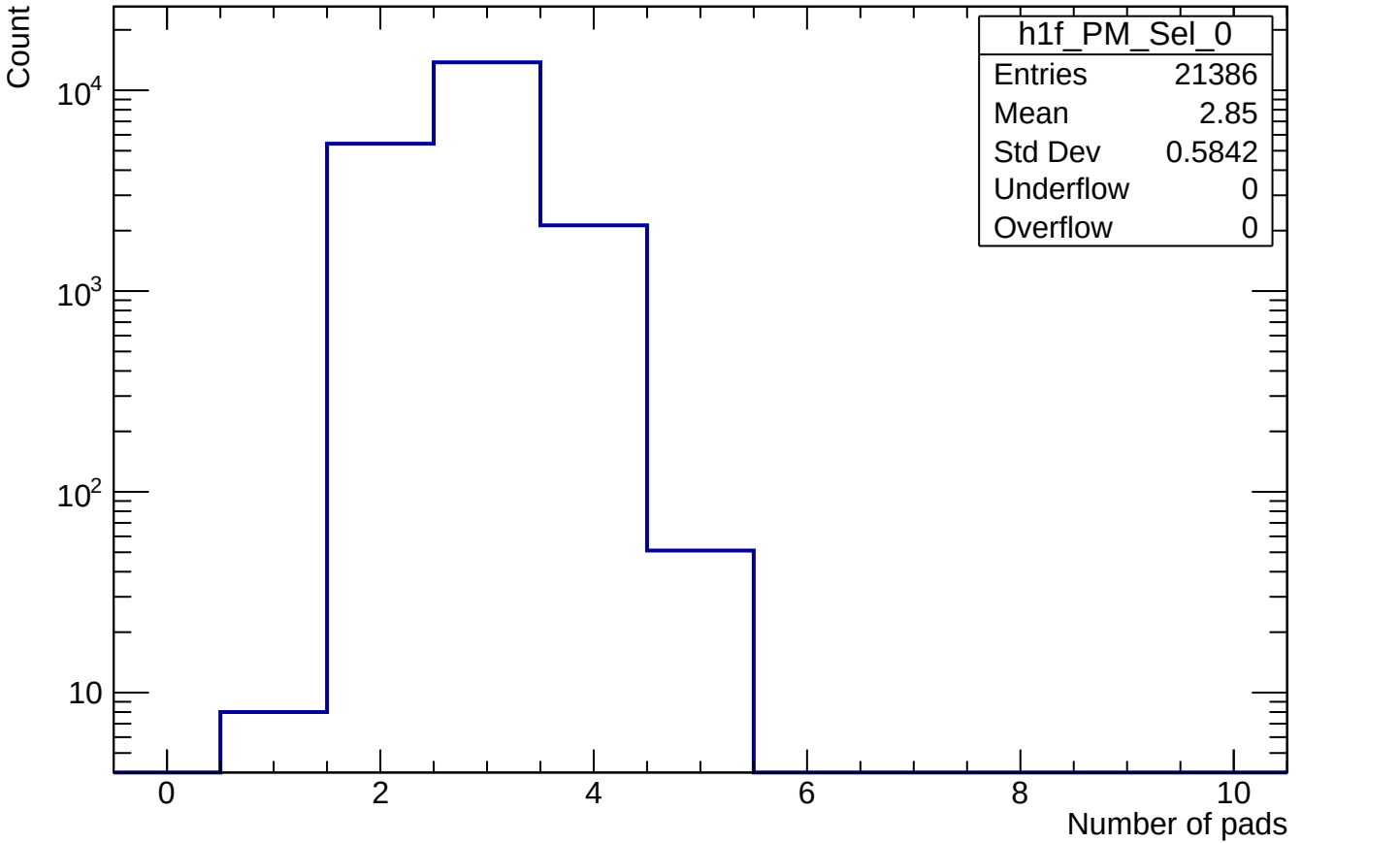
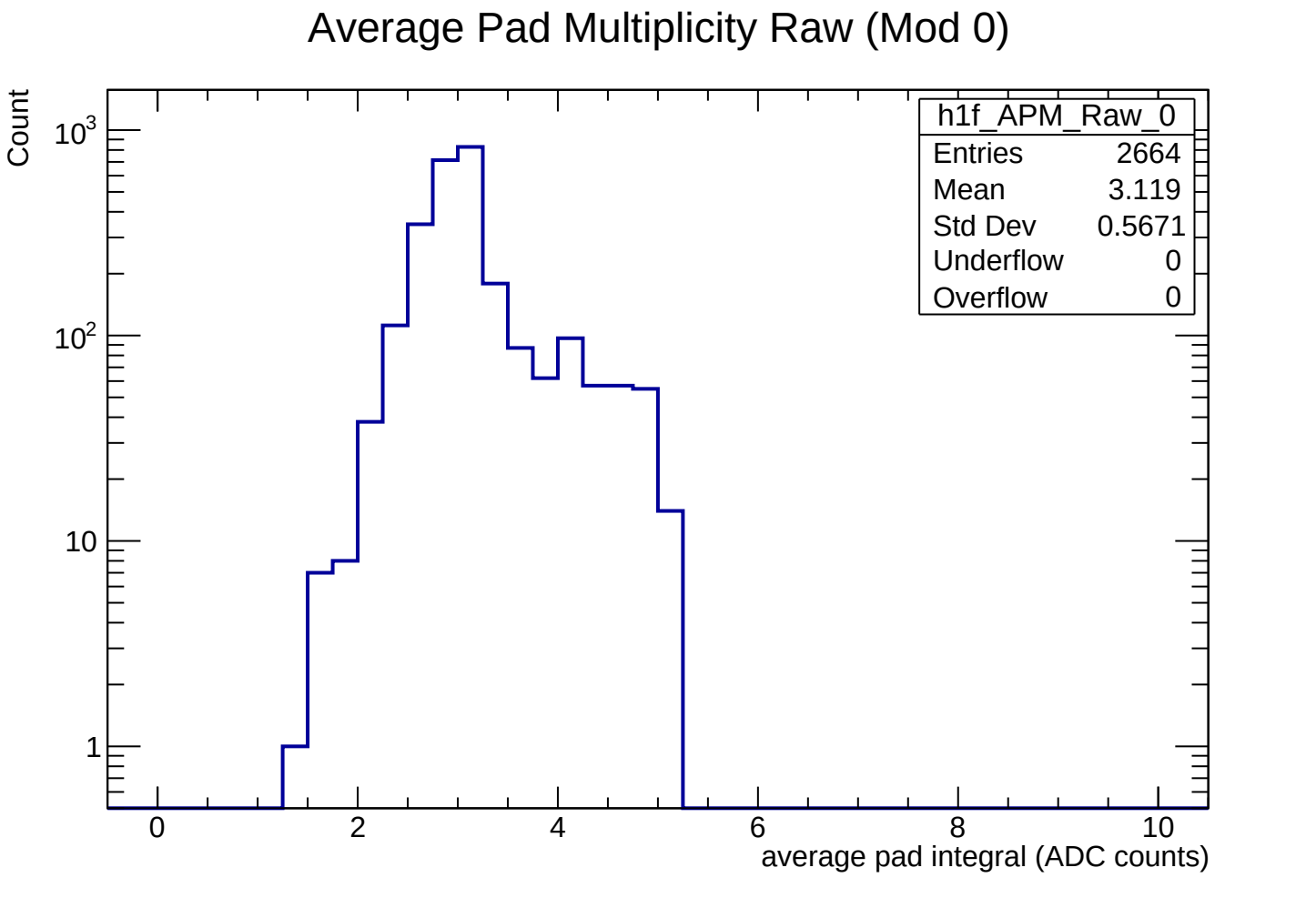
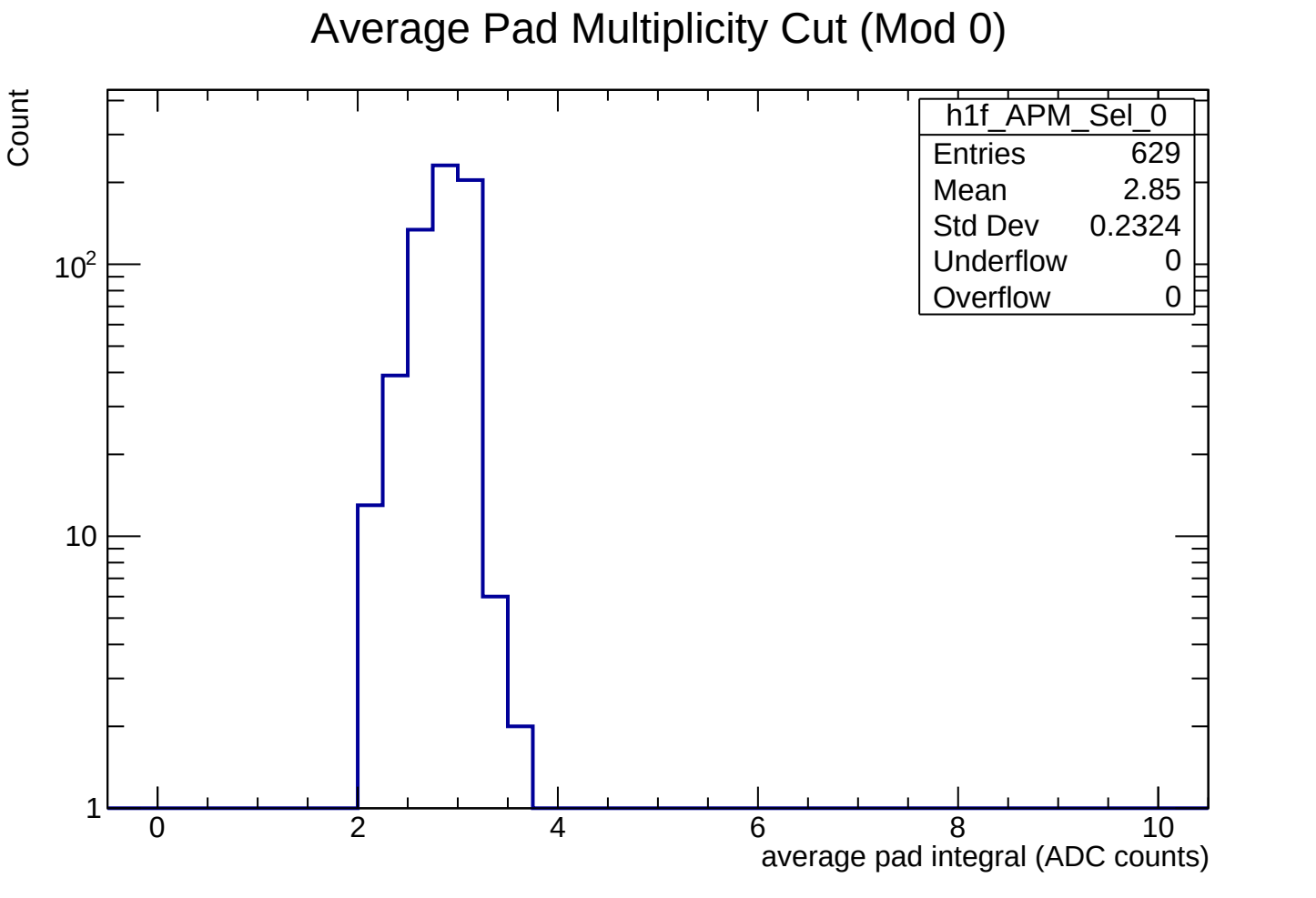

T Leading Raw (Mod 0)
Count
h1f_TL_Raw_0
Entries 90564
Mean 208.9
Std Dev 21.5
Underflow 0
Overflow 0
Time bin

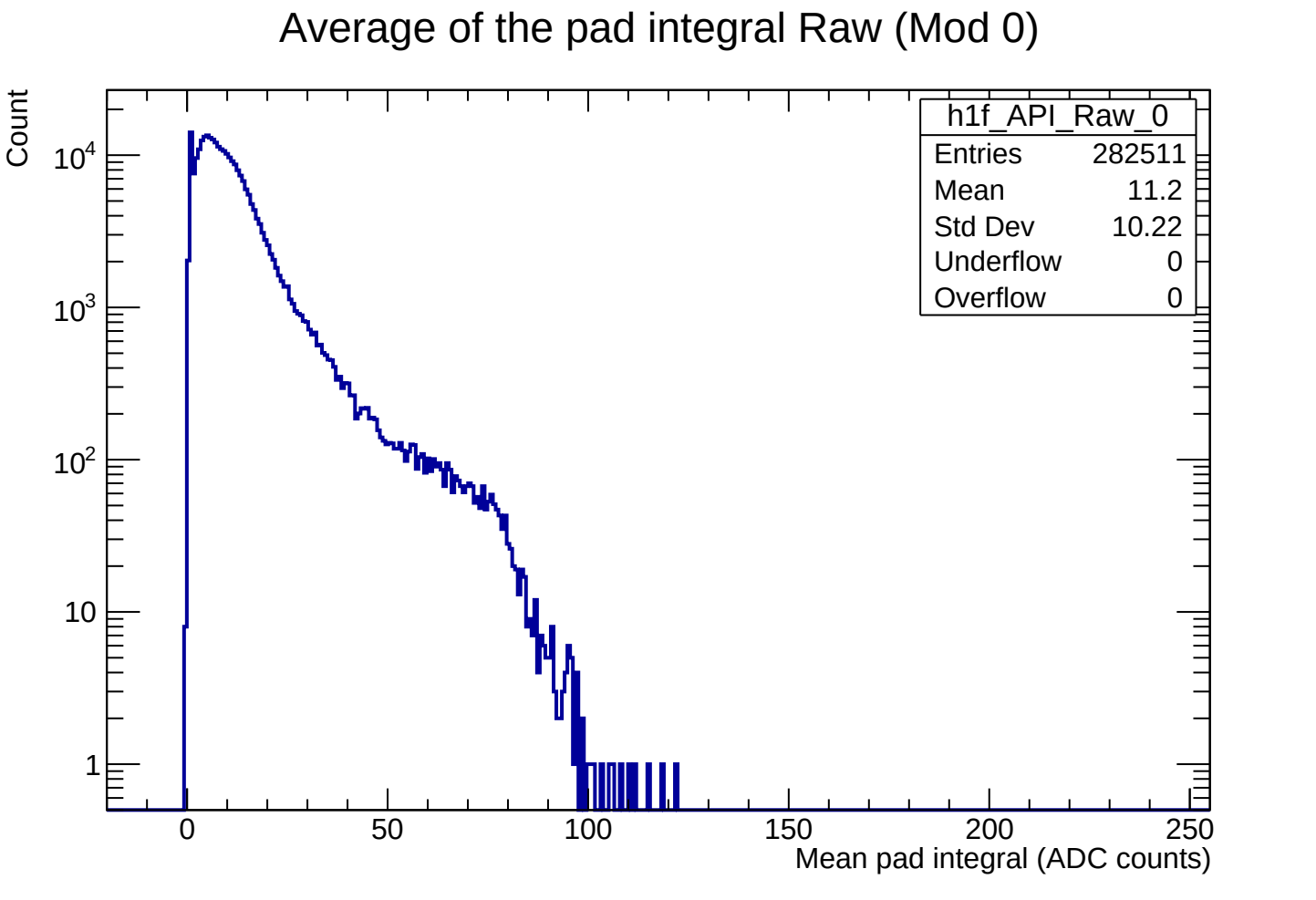

T Leading Cut (Mod 0)
Count
h1f_TL_Sel_0
Entries 21386
Mean 207.5
Std Dev 2.878
Underflow 0
Overflow 0
10^3
10^2
10
0
100
200
300
400
500
Time bin

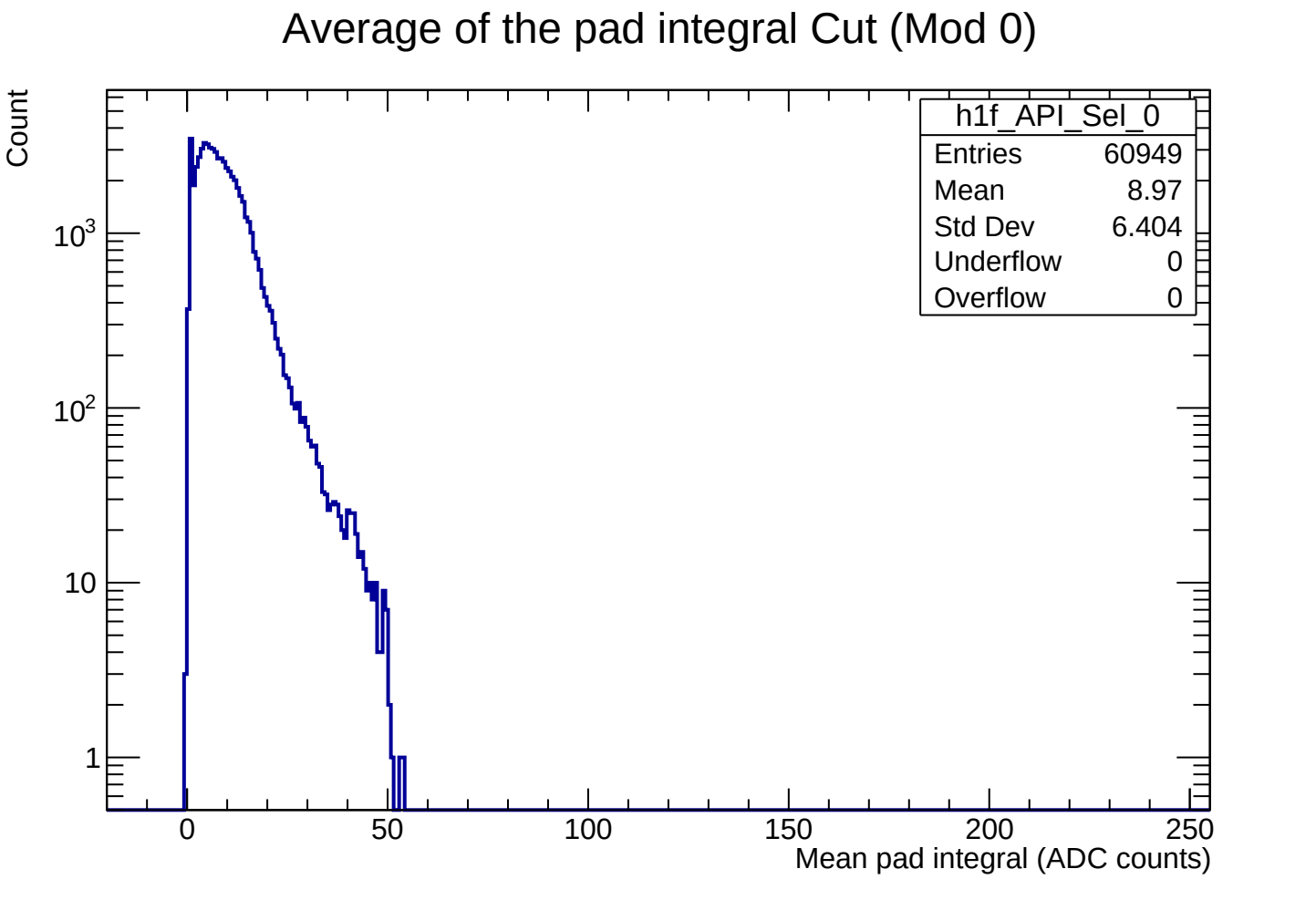

Pad Multiplicity Raw (Mod 0)
Count
h1f_PM_Raw_0
Entries 90564
Mean 3.119
Std Dev 0.8354
Underflow 0
Overflow 0
10^4
10^3
10^2
10
1
0
2
4
6
8
10
Number of pads

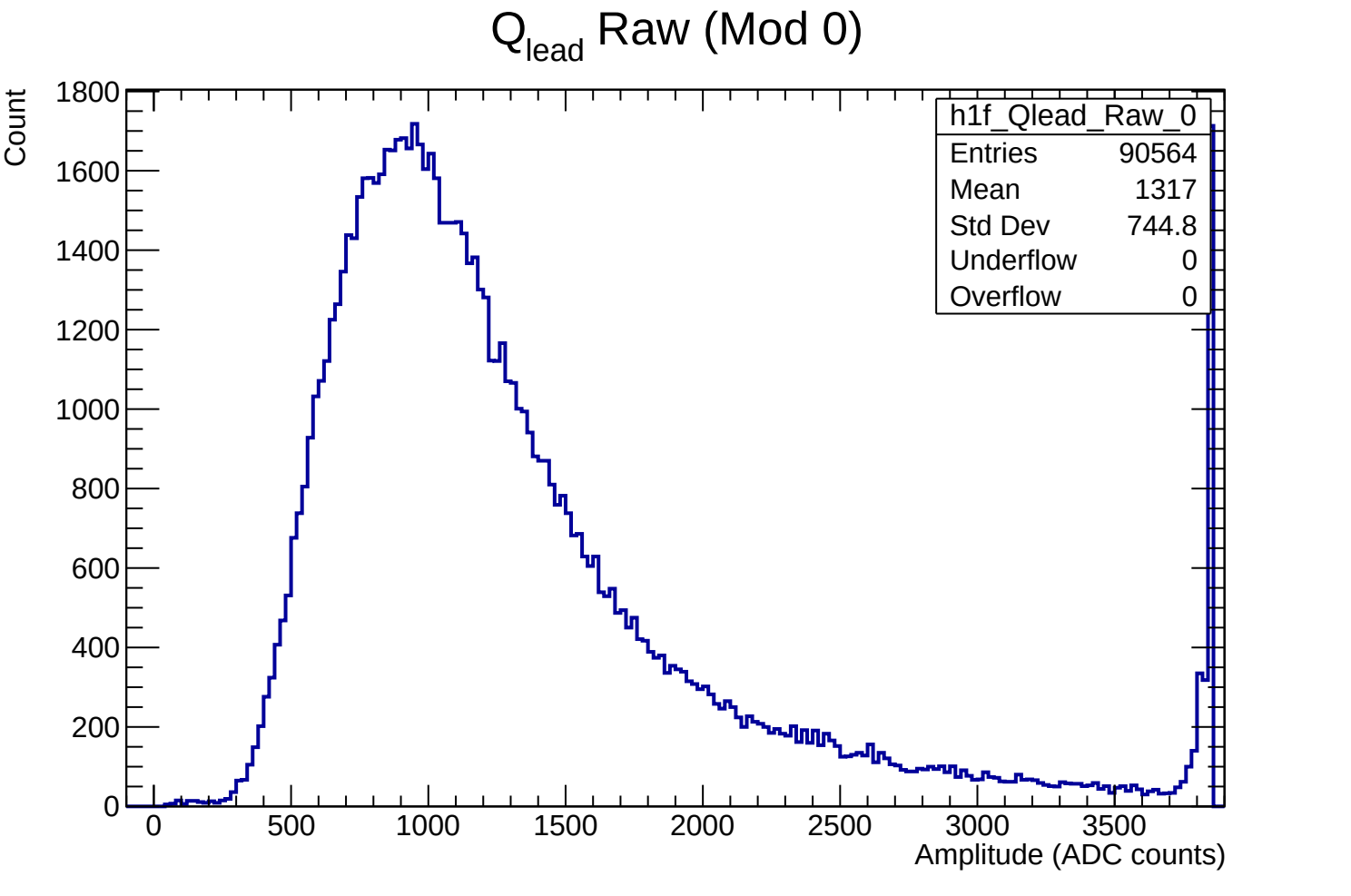

Pad Multiplicity Cut (Mod 0)
Count
10^4
10^3
10^2
10
0
2
4
6
8
10
Number of pads
h1f_PM_Sel_0
Entries 21386
Mean 2.85
Std Dev 0.5842
Underflow 0
Overflow 0

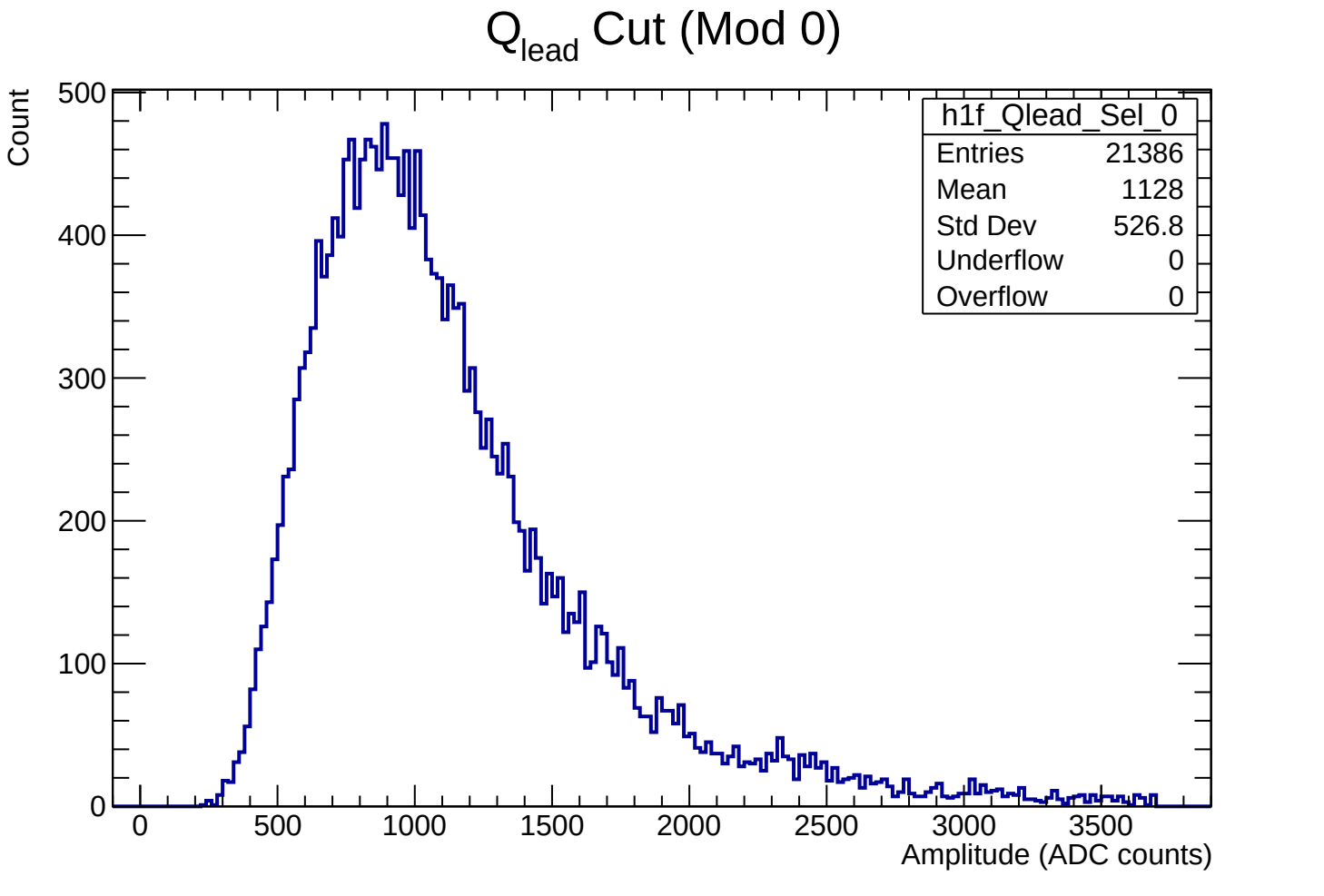

Average Pad Multiplicity Raw (Mod 0)
Count
10^3
10^2
10
1
0
2
4
6
8
10
average pad integral (ADC counts)
h1f_APM_Raw_0
Entries 2664
Mean 3.119
Std Dev 0.5671
Underflow 0
Overflow 0

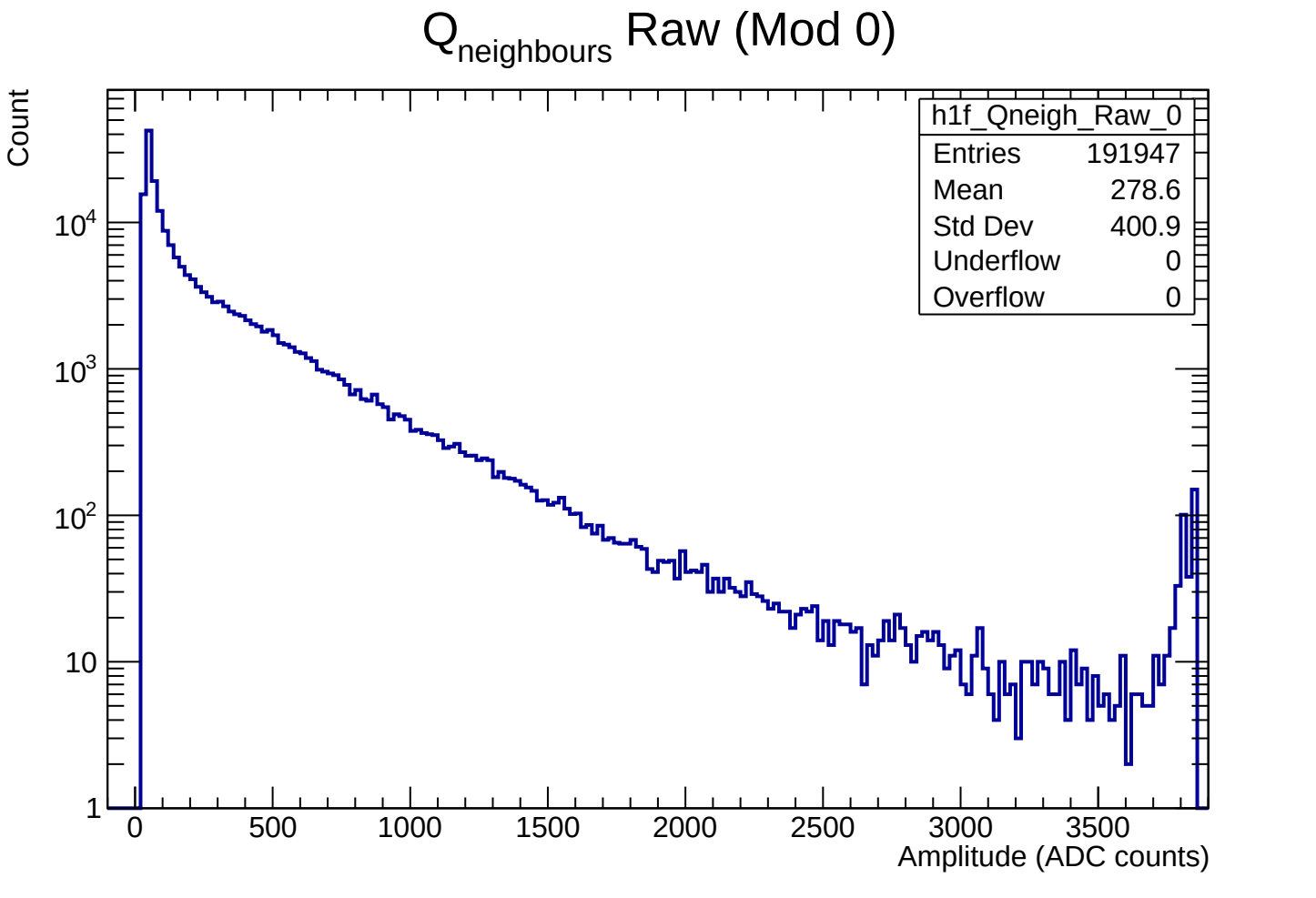

Average Pad Multiplicity Cut (Mod 0)
Count
10^2
10
1
0
2
4
6
8
10
average pad integral (ADC counts)
h1f_APM_Sel_0
Entries 629
Mean 2.85
Std Dev 0.2324
Underflow 0
Overflow 0

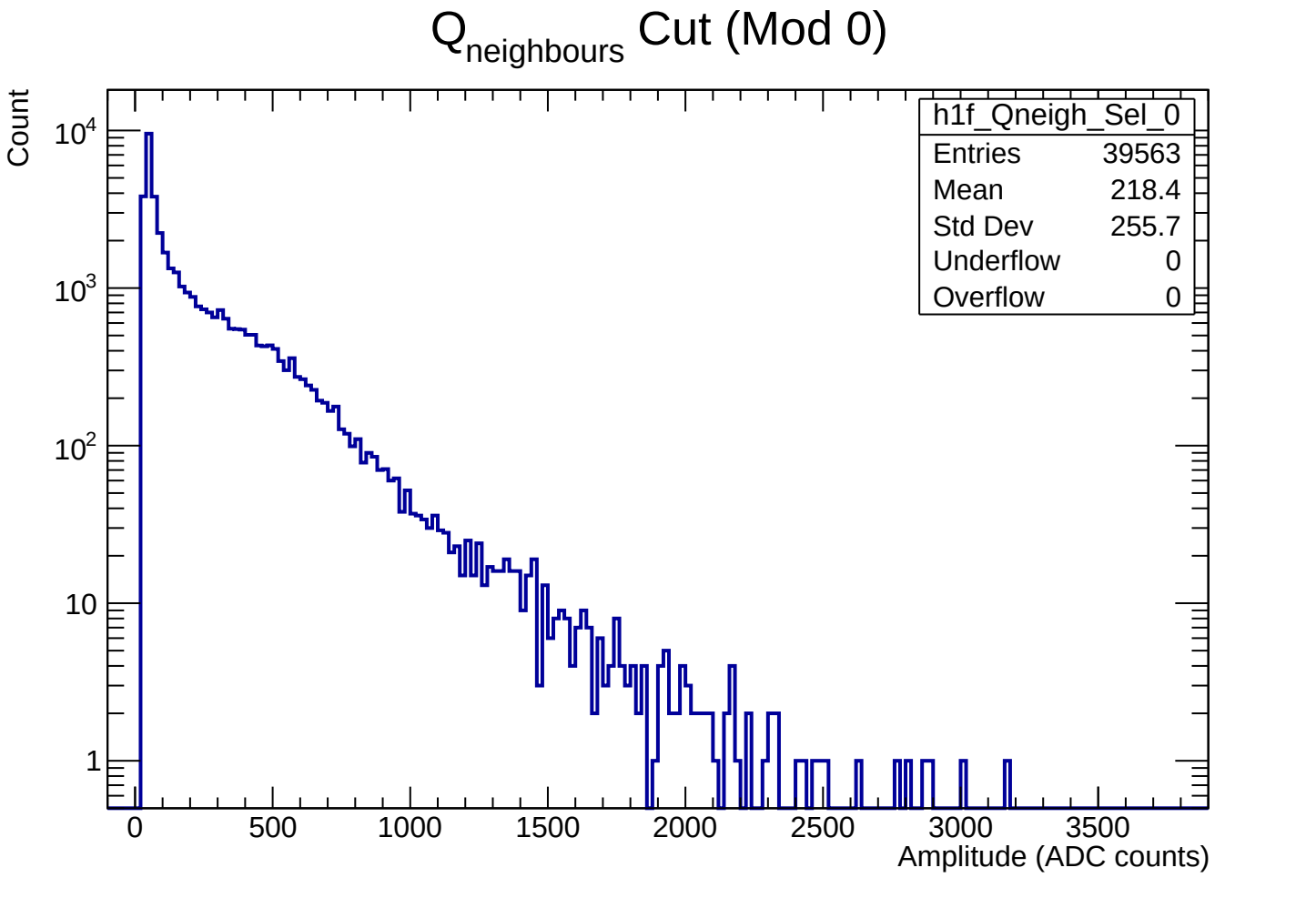

Average of the pad integral Raw (Mod 0)
Count
10^4
10^3
10^2
10
1
0
50
100
150
200
250
Mean pad integral (ADC counts)
h1f_API_Raw_0
Entries 282511
Mean 11.2
Std Dev 10.22
Underflow 0
Overflow 0

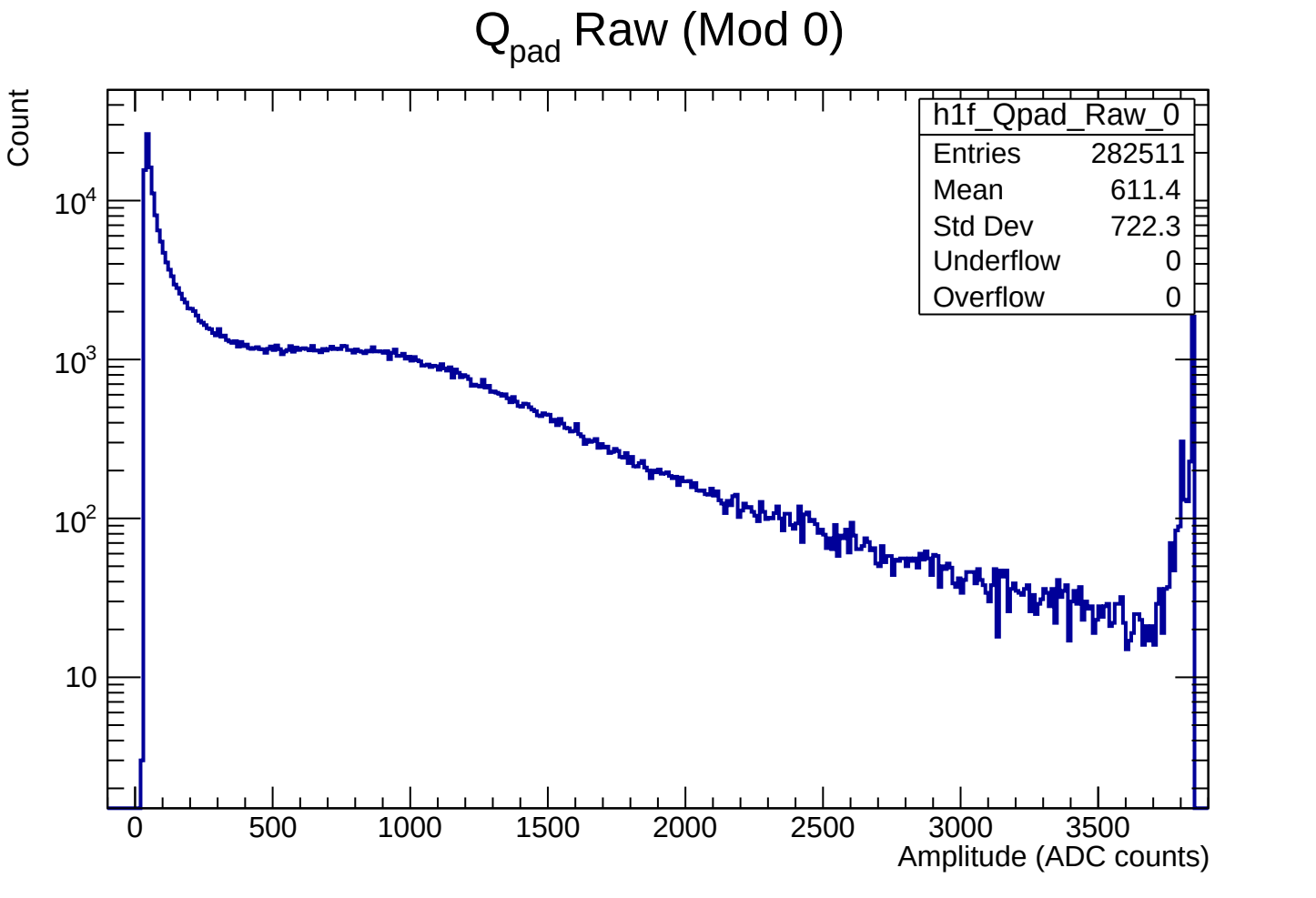

Average of the pad integral Cut (Mod 0)
Count
h1f_API_Sel_0
Entries 60949
Mean 8.97
Std Dev 6.404
Underflow 0
Overflow 0
10^3
10^2
10
1
0
50
100
150
200
250
Mean pad integral (ADC counts)

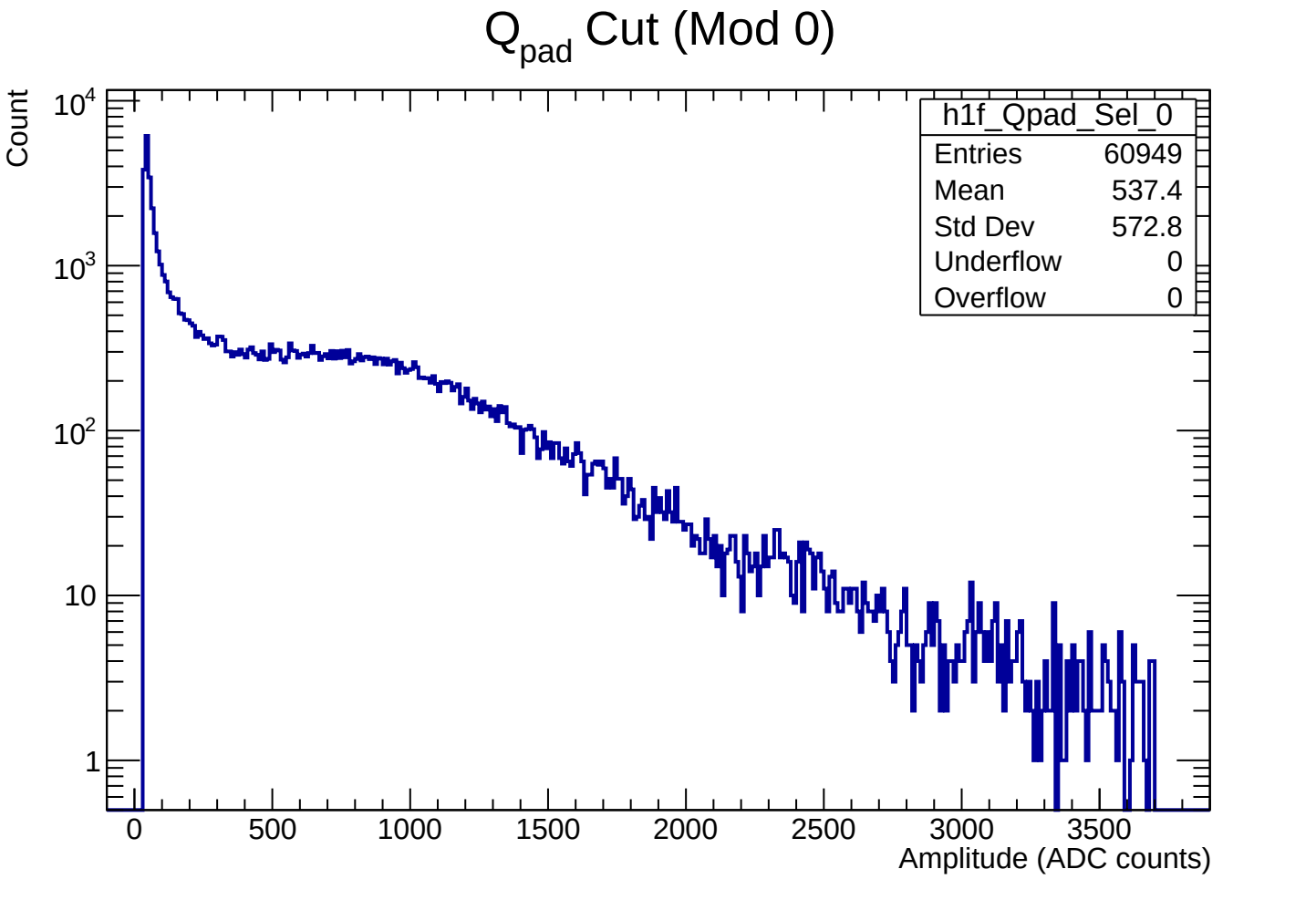

Q_{lead} Raw (Mod 0)
Count
Amplitude (ADC counts)
h1f_Qlead_Raw_0
Entries 90564
Mean 1317
Std Dev 744.8
Underflow 0
Overflow 0
0
200
400
600
800
1000
1200
1400
1600
1800
0
500
1000
1500
2000
2500
3000
3500

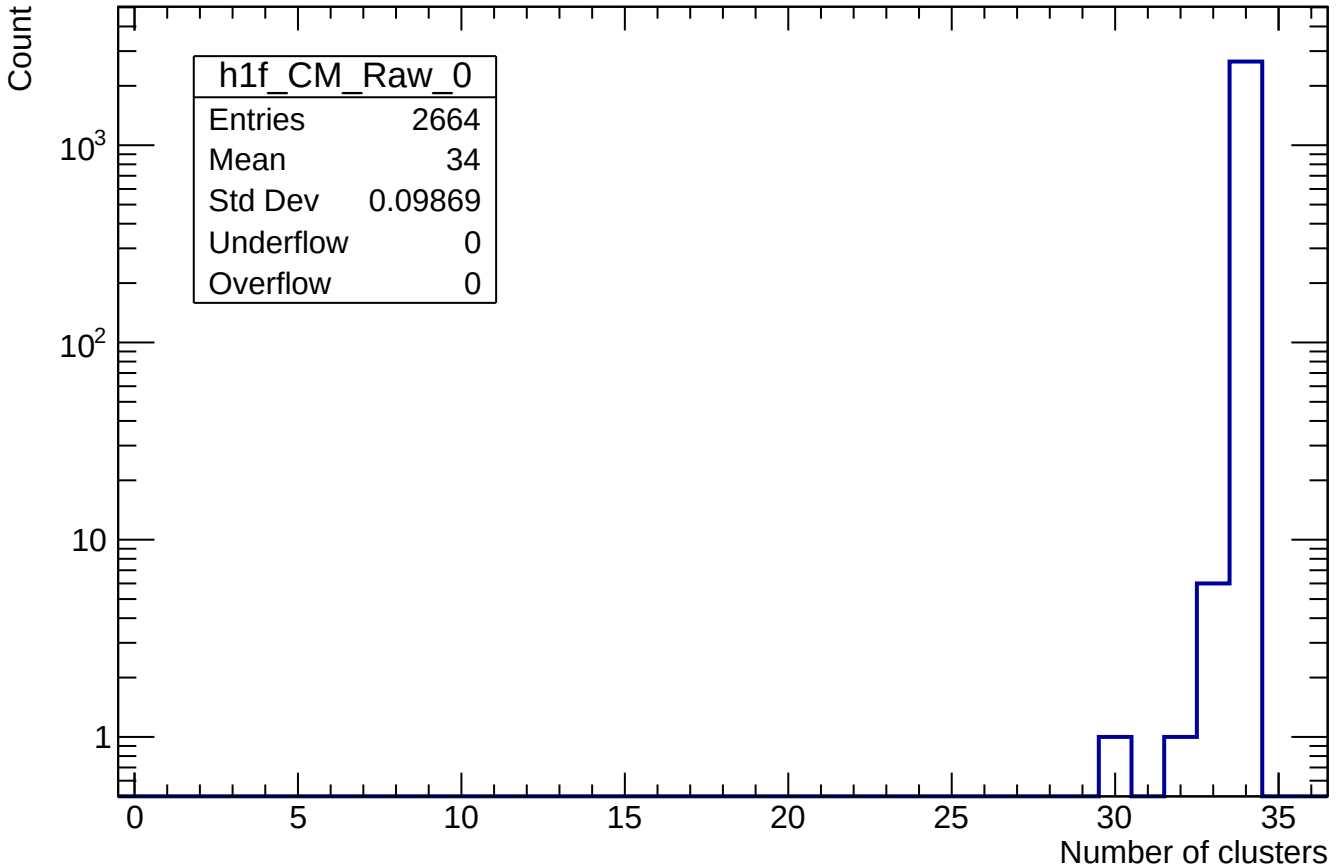

Q_{lead} Cut (Mod 0)
Count
500
400
300
200
100
0
0
500
1000
1500
2000
2500
3000
3500
Amplitude (ADC counts)
h1f_Qlead_Sel_0
Entries 21386
Mean 1128
Std Dev 526.8
Underflow 0
Overflow 0

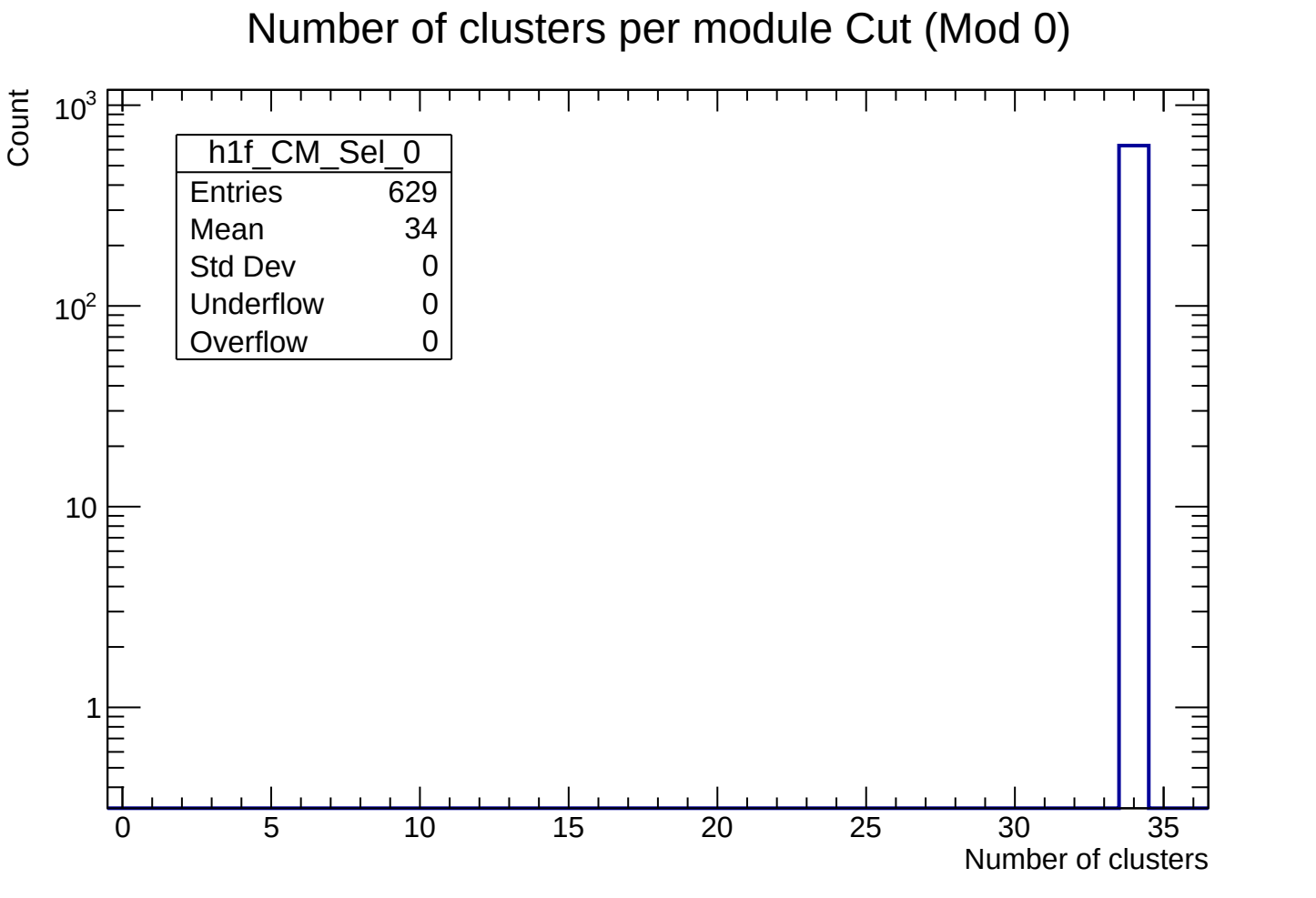

$Q_{neighbours}$ Raw (Mod 0)
Count
h1f_Qneigh_Raw_0
Entries 191947
Mean 278.6
Std Dev 400.9
Underflow 0
Overflow 0
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
Amplitude (ADC counts)

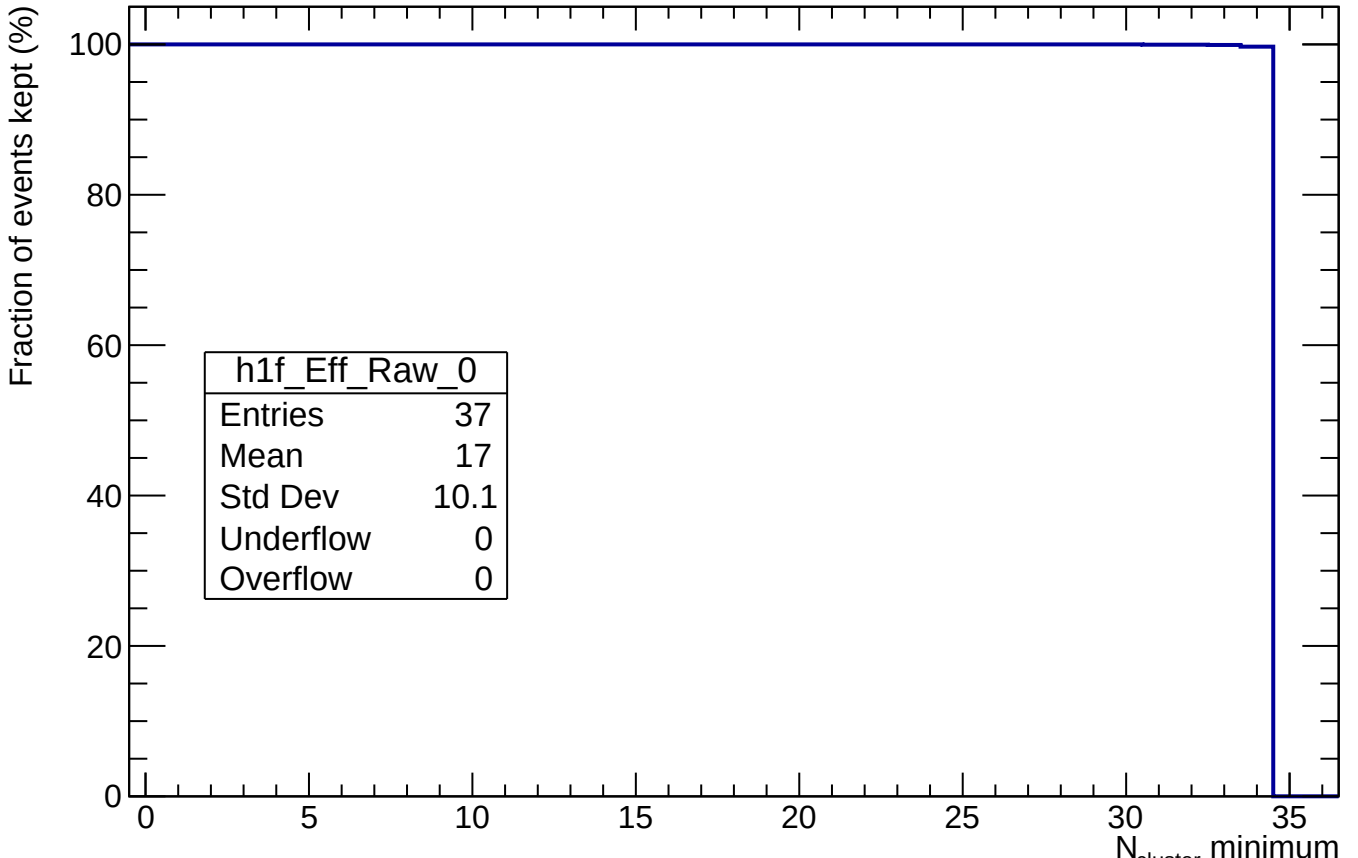

$Q_{neighbours}$ Cut (Mod 0)
Count
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
Amplitude (ADC counts)
h1f_Qneigh_Sel_0
Entries 39563
Mean 218.4
Std Dev 255.7
Underflow 0
Overflow 0

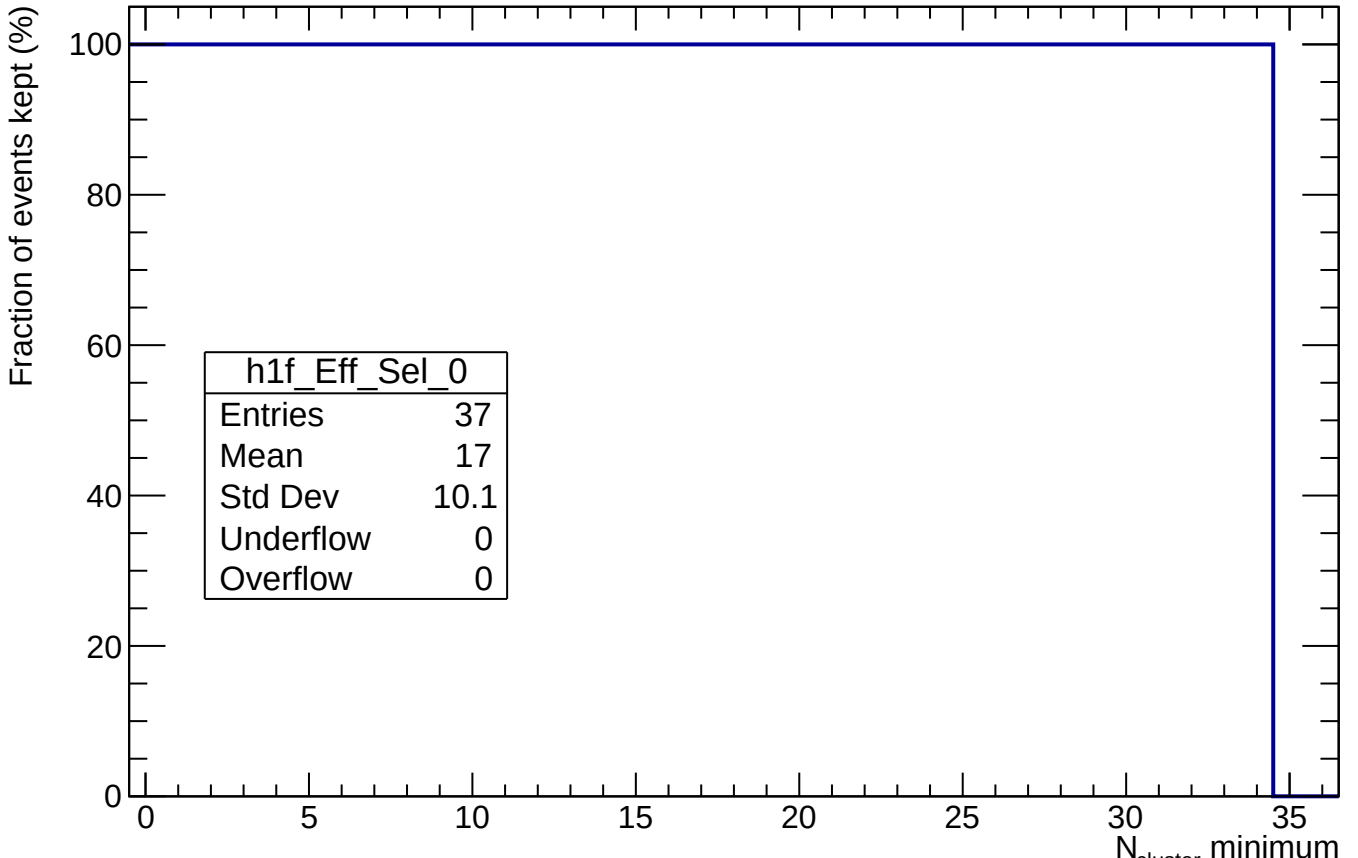

Q_{pad} Raw (Mod 0)
Count
10^4
10^3
10^2
10
h1f_Qpad_Raw_0
Entries 282511
Mean 611.4
Std Dev 722.3
Underflow 0
Overflow 0
0
500
1000
1500
2000
2500
3000
3500
Amplitude (ADC counts)

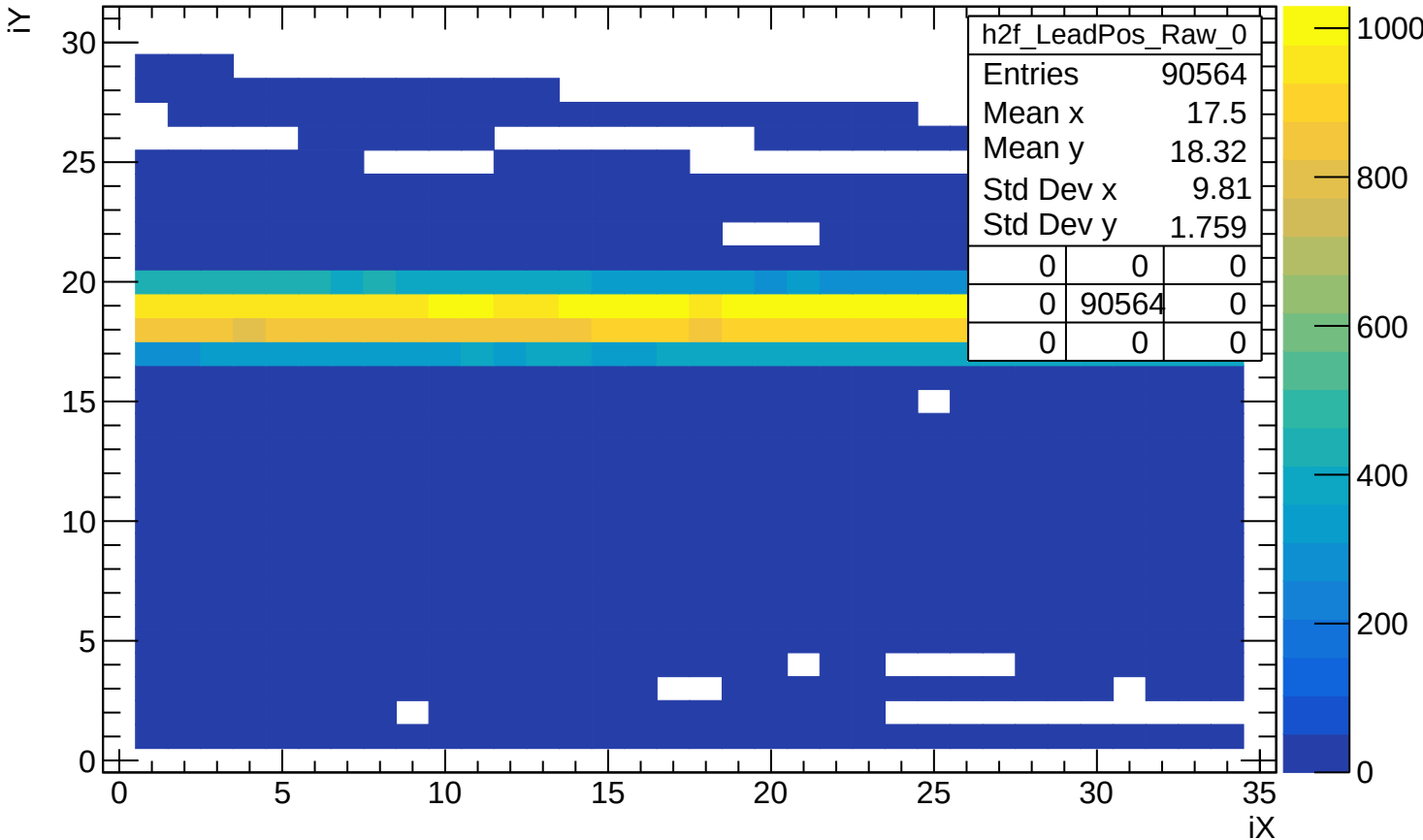

Q_{pad} Cut (Mod 0)
Count
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
Amplitude (ADC counts)
h1f_Qpad_Sel_0
Entries 60949
Mean 537.4
Std Dev 572.8
Underflow 0
Overflow 0

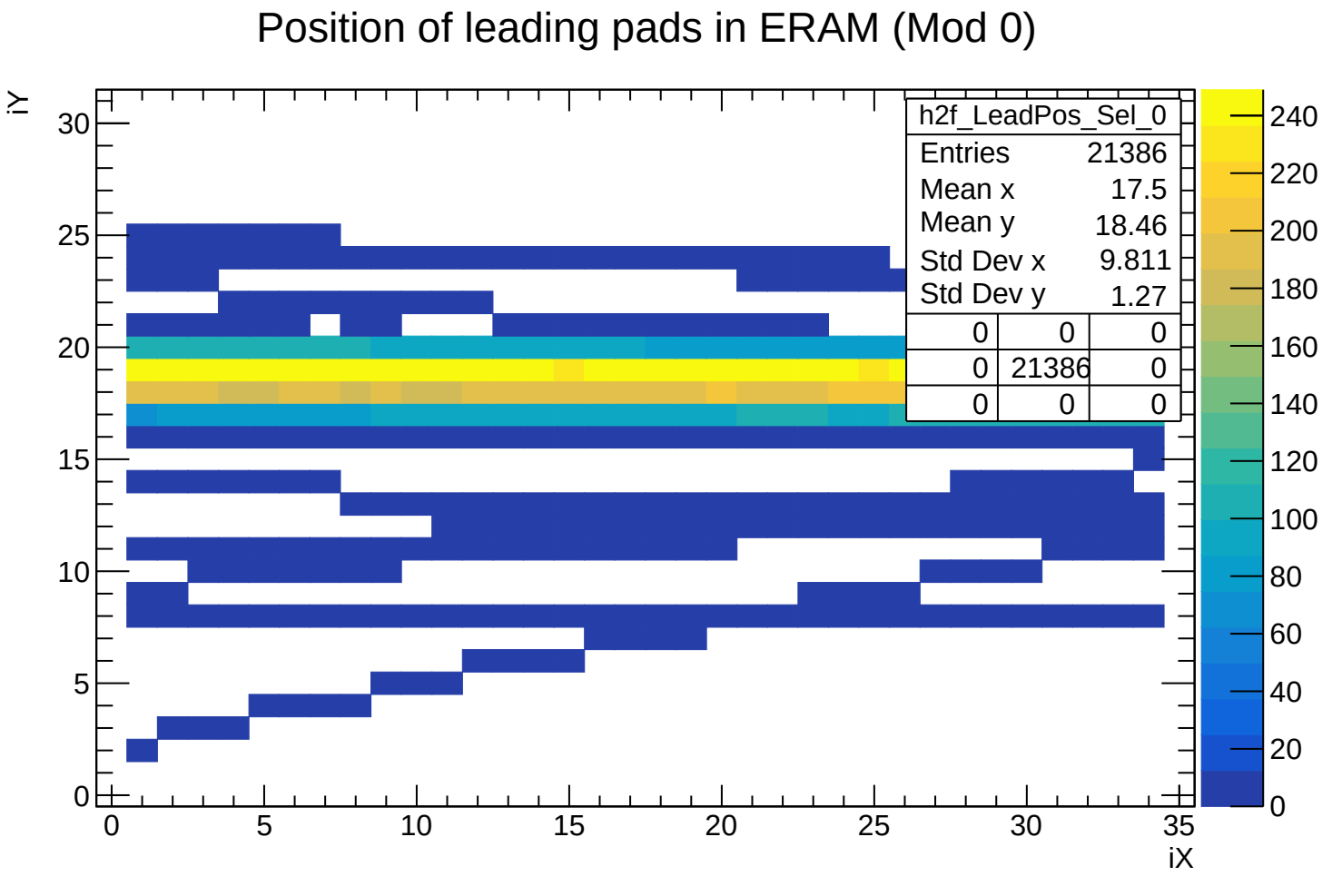

Number of clusters per module Raw (Mod 0)
Count
h1f_CM_Raw_0
Entries 2664
Mean 34
Std Dev 0.09869
Underflow 0
Overflow 0
10^3
10^2
10
1
0
5
10
15
20
25
30
35
Number of clusters

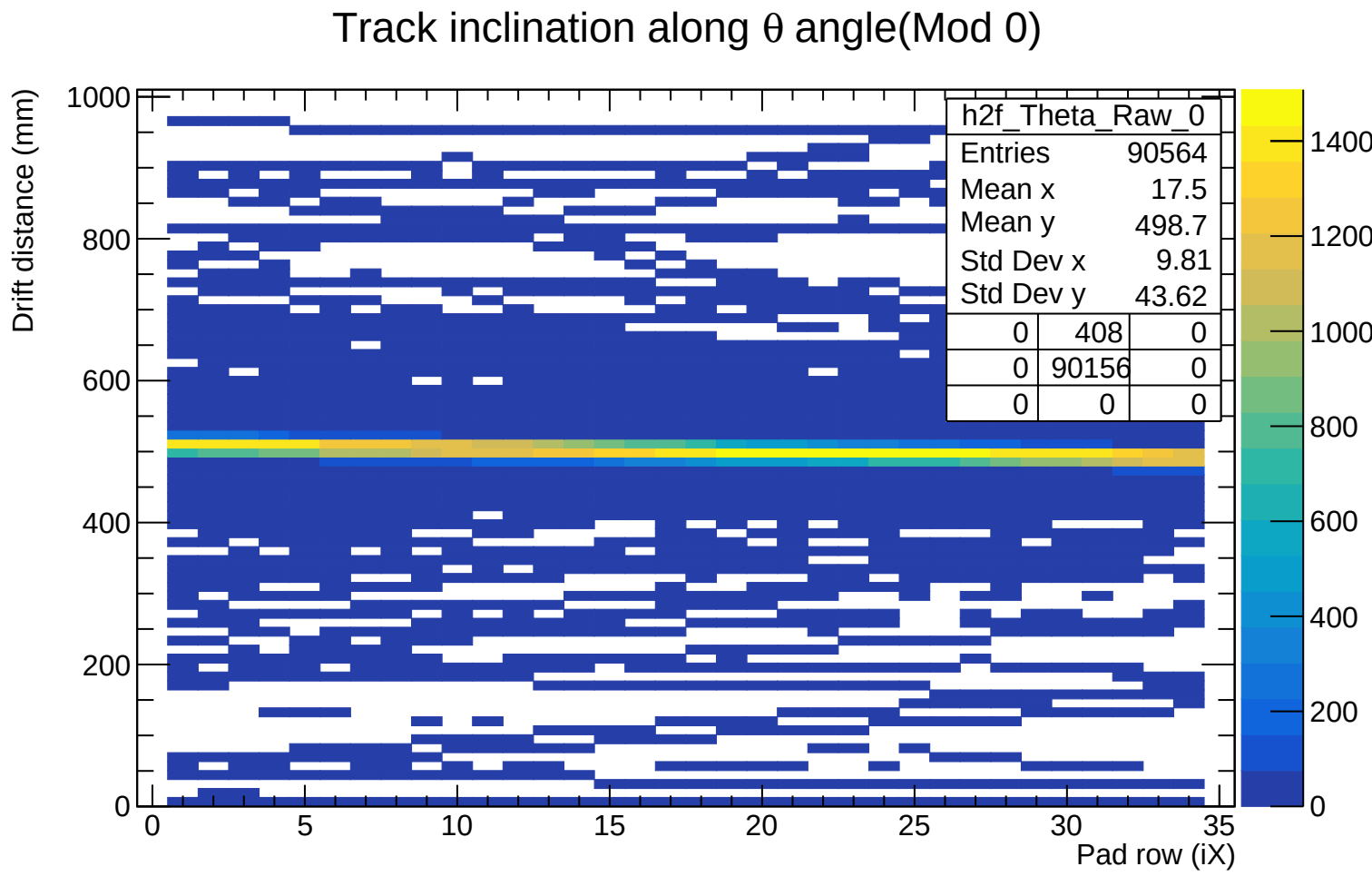

Number of clusters per module Cut (Mod 0)
Count
h1f_CM_Sel_0
Entries 629
Mean 34
Std Dev 0
Underflow 0
Overflow 0
10^3
10^2
10
1
0
5
10
15
20
25
30
35
Number of clusters

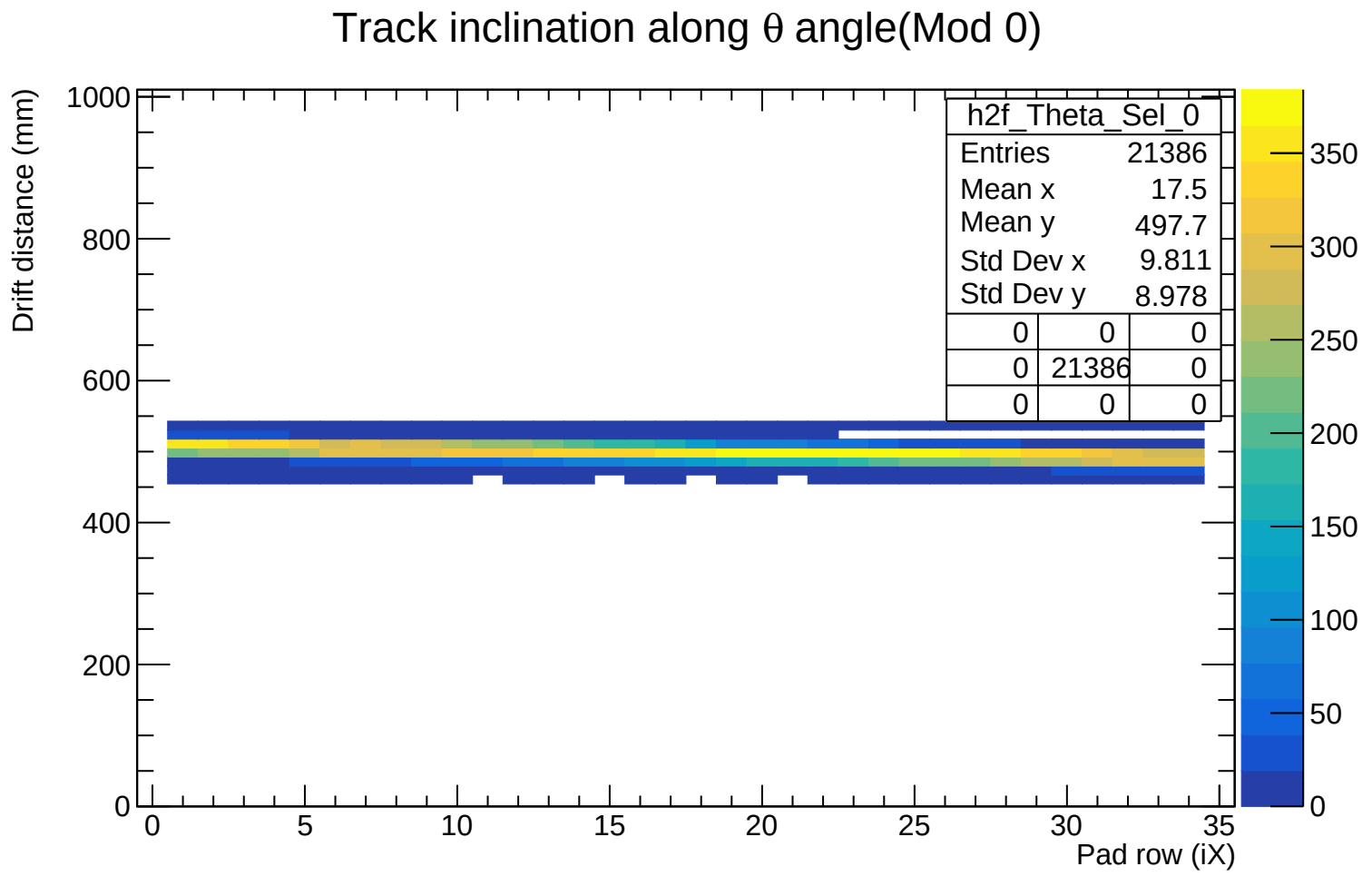

Efficiency : final fraction of events Raw (Mod 0)
Fraction of events kept (%)
100
80
60
40
20
0
0
5
10
15
20
25
30
35
N cluster minimum
h1f_Eff_Raw_0
Entries 37
Mean 17
Std Dev 10.1
Underflow 0
Overflow 0


Efficiency : final fraction of events Cut (Mod 0)
Fraction of events kept (%)
100
80
60
40
20
0
0
5
10
15
20
25
30
35
N cluster minimum
h1f_Eff_Sel_0
Entries 37
Mean 17
Std Dev 10.1
Underflow 0
Overflow 0


Position of leading pads in ERAM (Mod 0)
iY
iX
h2f_LeadPos_Raw_0
Entries 90564
Mean x 17.5
Mean y 18.32
Std Dev x 9.81
Std Dev y 1.759
0 0 0
0 90564 0
0 0 0
0
5
10
15
20
25
30
35
0
200
400
600
800
1000


Position of leading pads in ERAM (Mod 0)
h2f_LeadPos_Sel_0
Entries 21386
Mean x 17.5
Mean y 18.46
Std Dev x 9.811
Std Dev y 1.27
0 0 0
0 21386 0
0 0 0
iY
iX
0
5
10
15
20
25
30
35
0
20
40
60
80
100
120
140
160
180
200
220
240


Track inclination along θ angle(Mod 0)
Drift distance (mm)
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
Pad row (iX)
h2f_Theta_Raw_0
Entries 90564
Mean x 17.5
Mean y 498.7
Std Dev x 9.81
Std Dev y 43.62
0 408 0
0 90156 0
0 0 0
1400
1200
1000
800
600
400
200
0


Track inclination along θ angle(Mod 0)
h2f_Theta_Sel_0
Entries 21386
Mean x 17.5
Mean y 497.7
Std Dev x 9.811
Std Dev y 8.978
0 0 0
0 21386 0
0 0 0
Drift distance (mm)
Pad row (iX)
0
200
400
600
800
1000
0
5
10
15
20
25
30
35
0
50
100
150
200
250
300
350