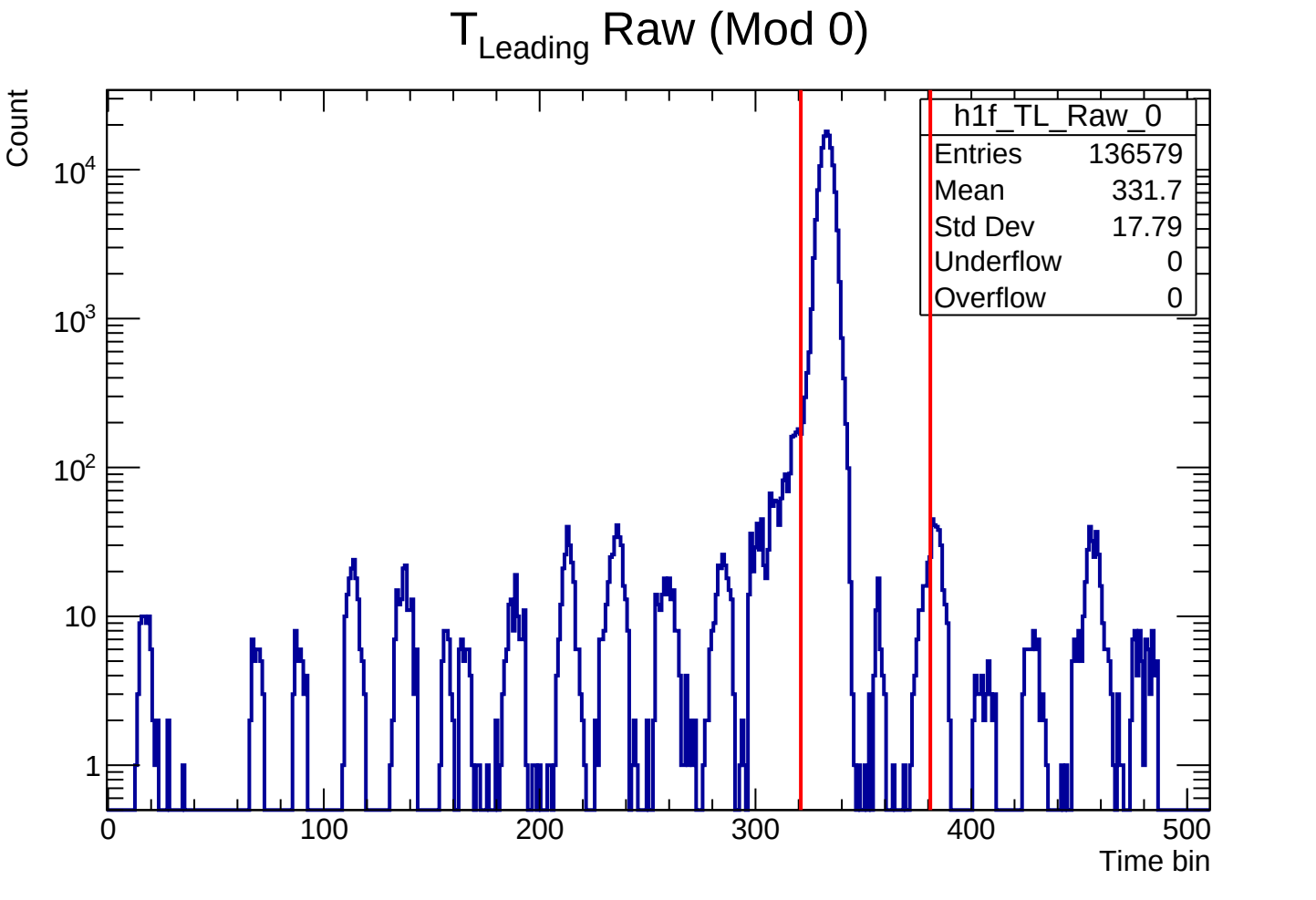
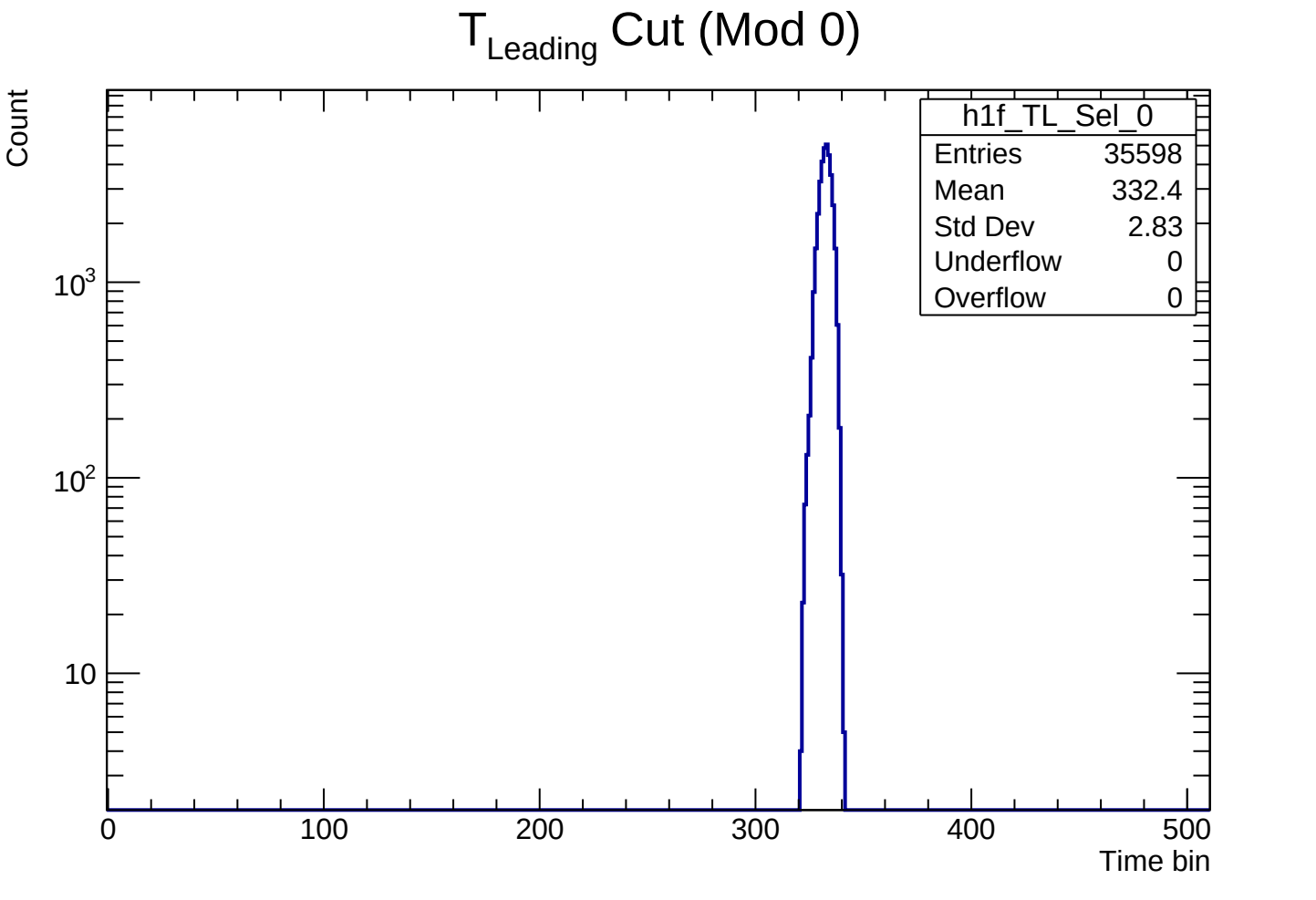
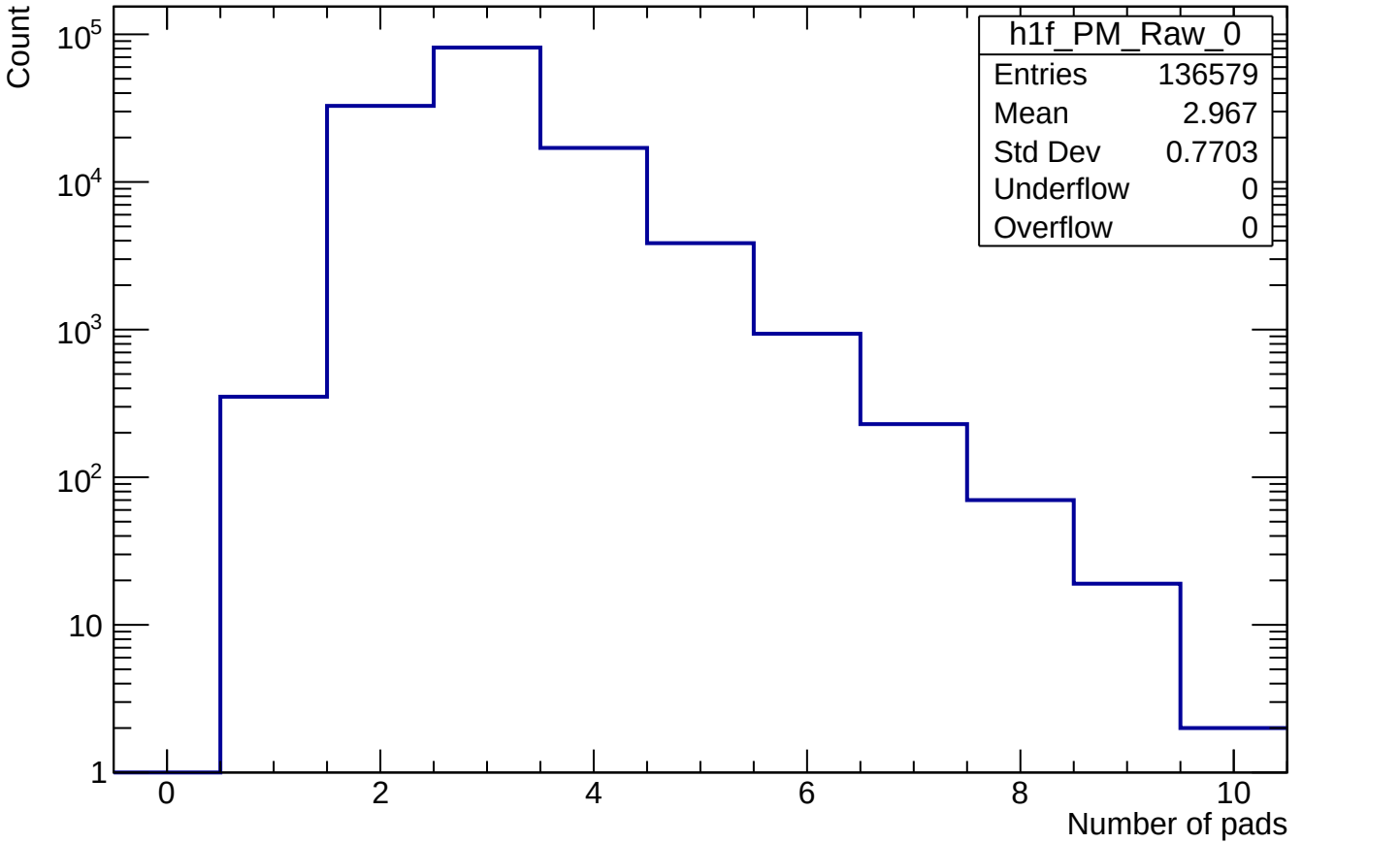
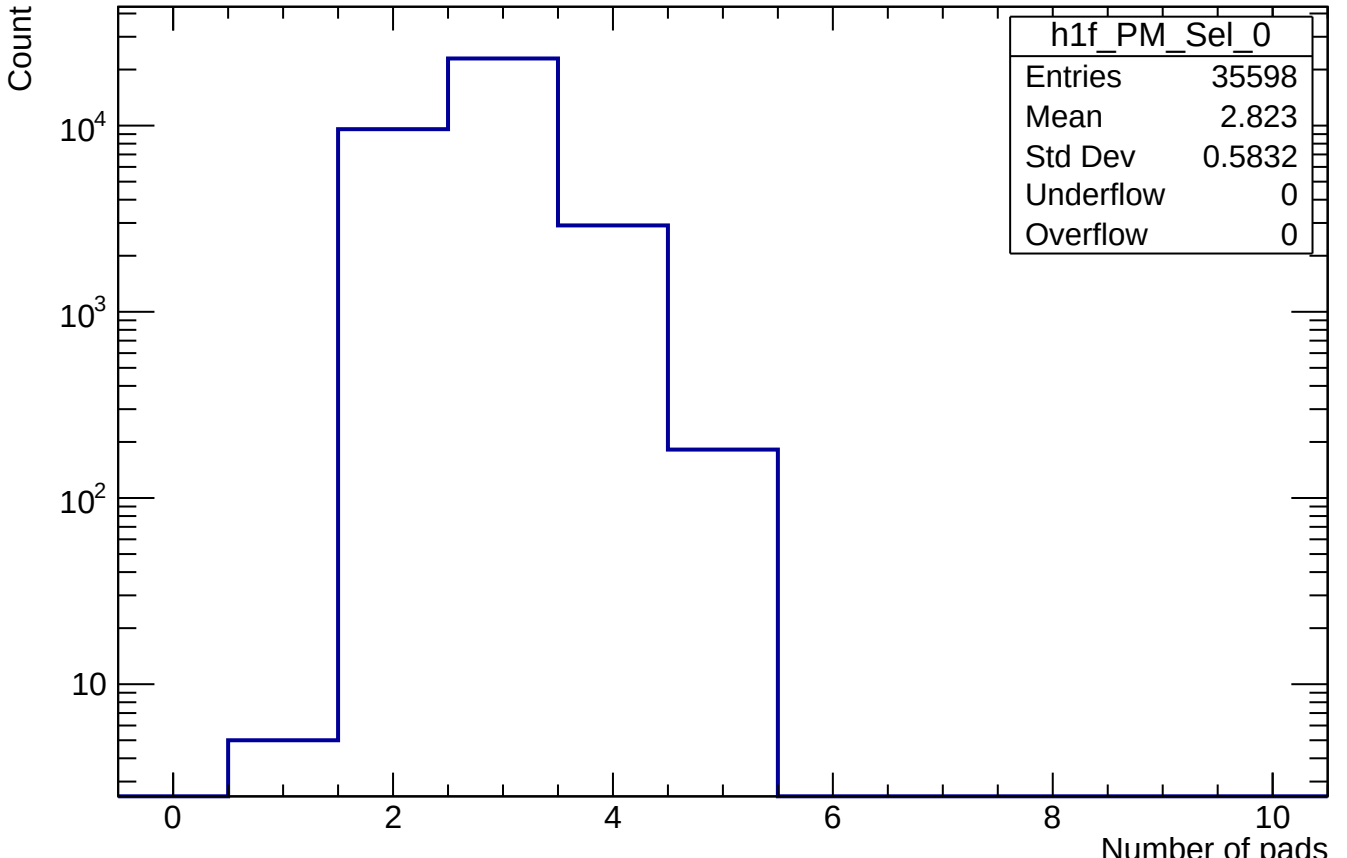
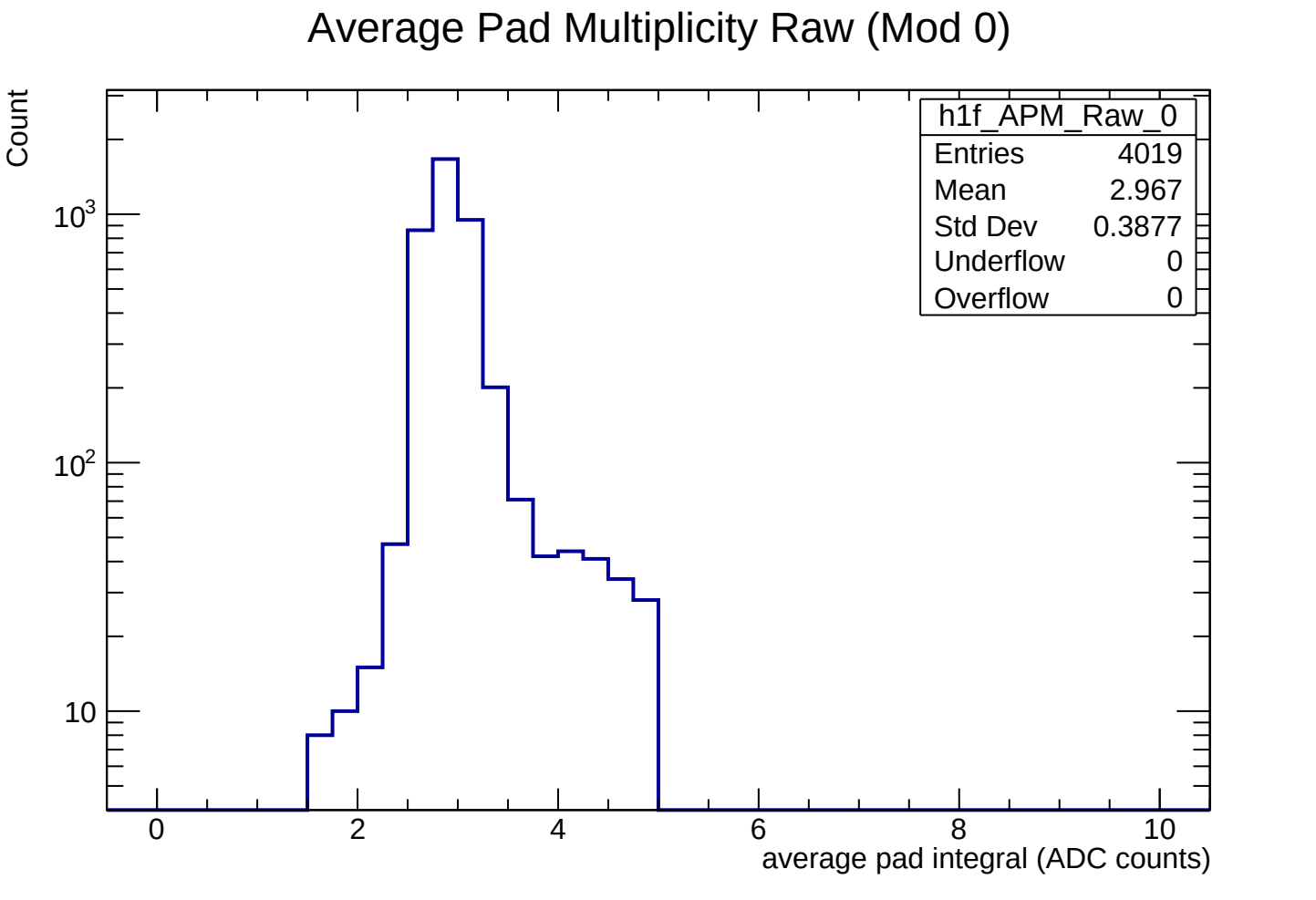
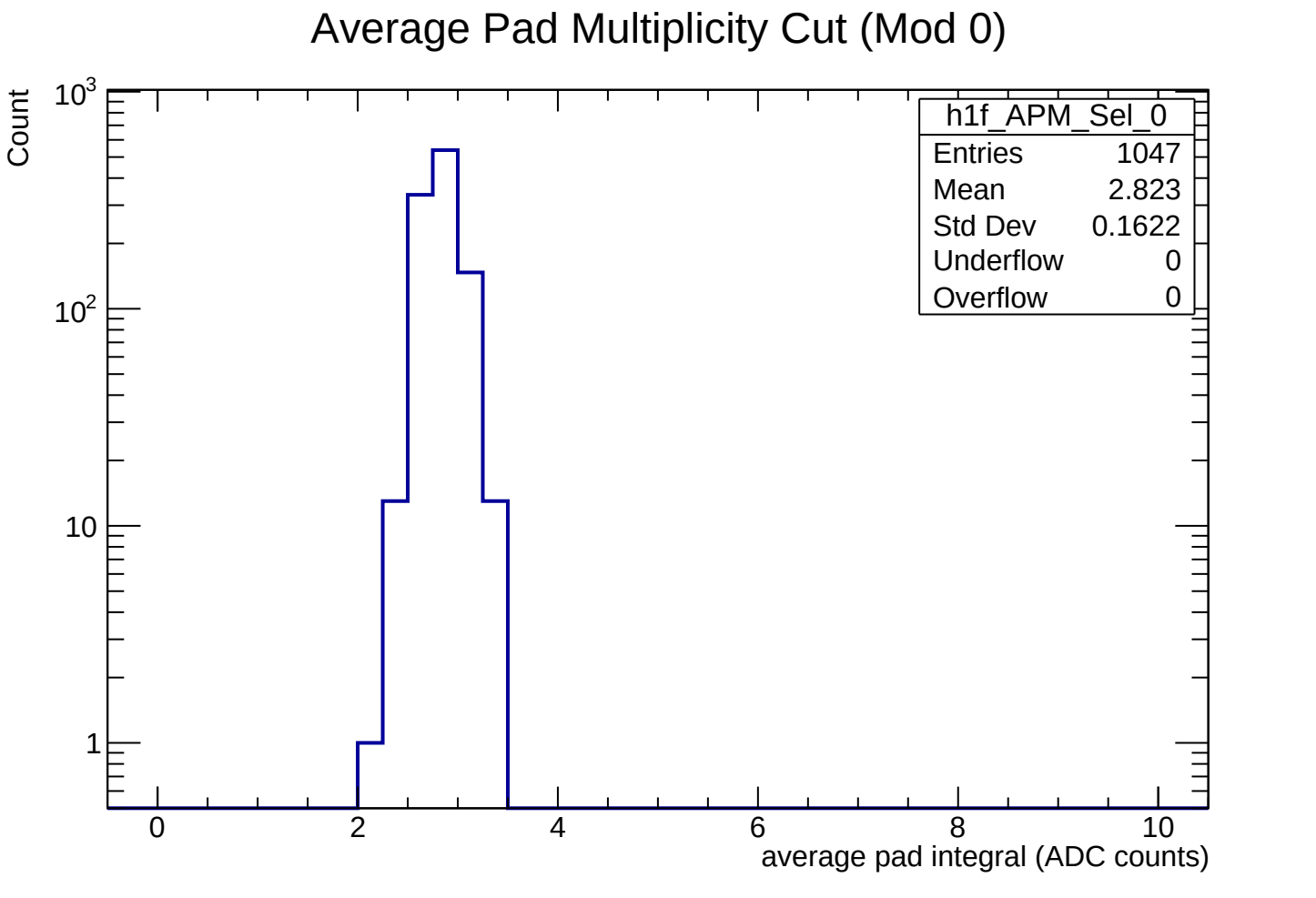

T Leading Raw (Mod 0)
Count
Time bin
h1f_TL_Raw_0
Entries 136579
Mean 331.7
Std Dev 17.79
Underflow 0
Overflow 0
10^4
10^3
10^2
10
1
0
100
200
300
400
500

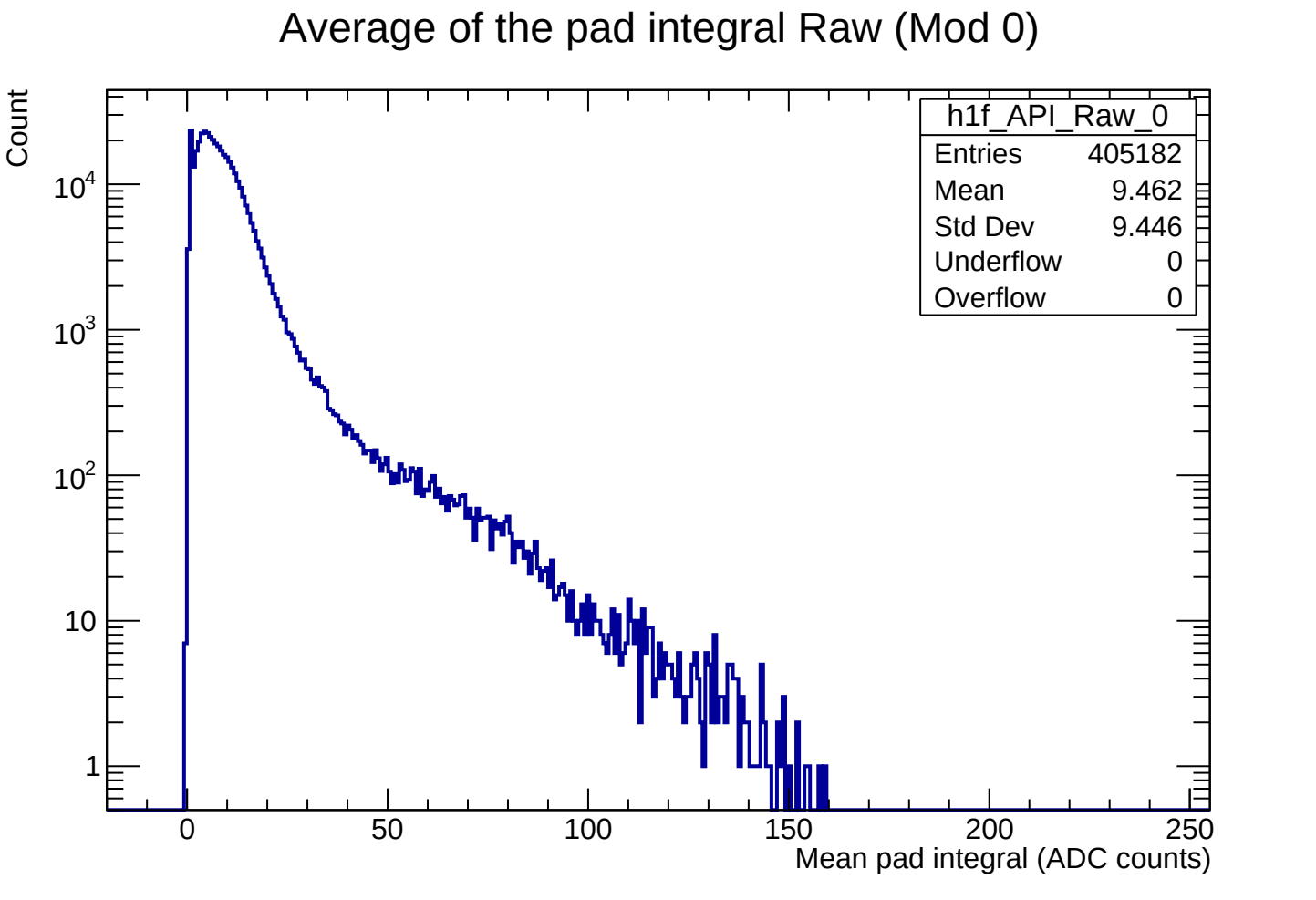

T Leading Cut (Mod 0)
Count
h1f_TL_Sel_0
Entries 35598
Mean 332.4
Std Dev 2.83
Underflow 0
Overflow 0
10^3
10^2
10
0
100
200
300
400
500
Time bin

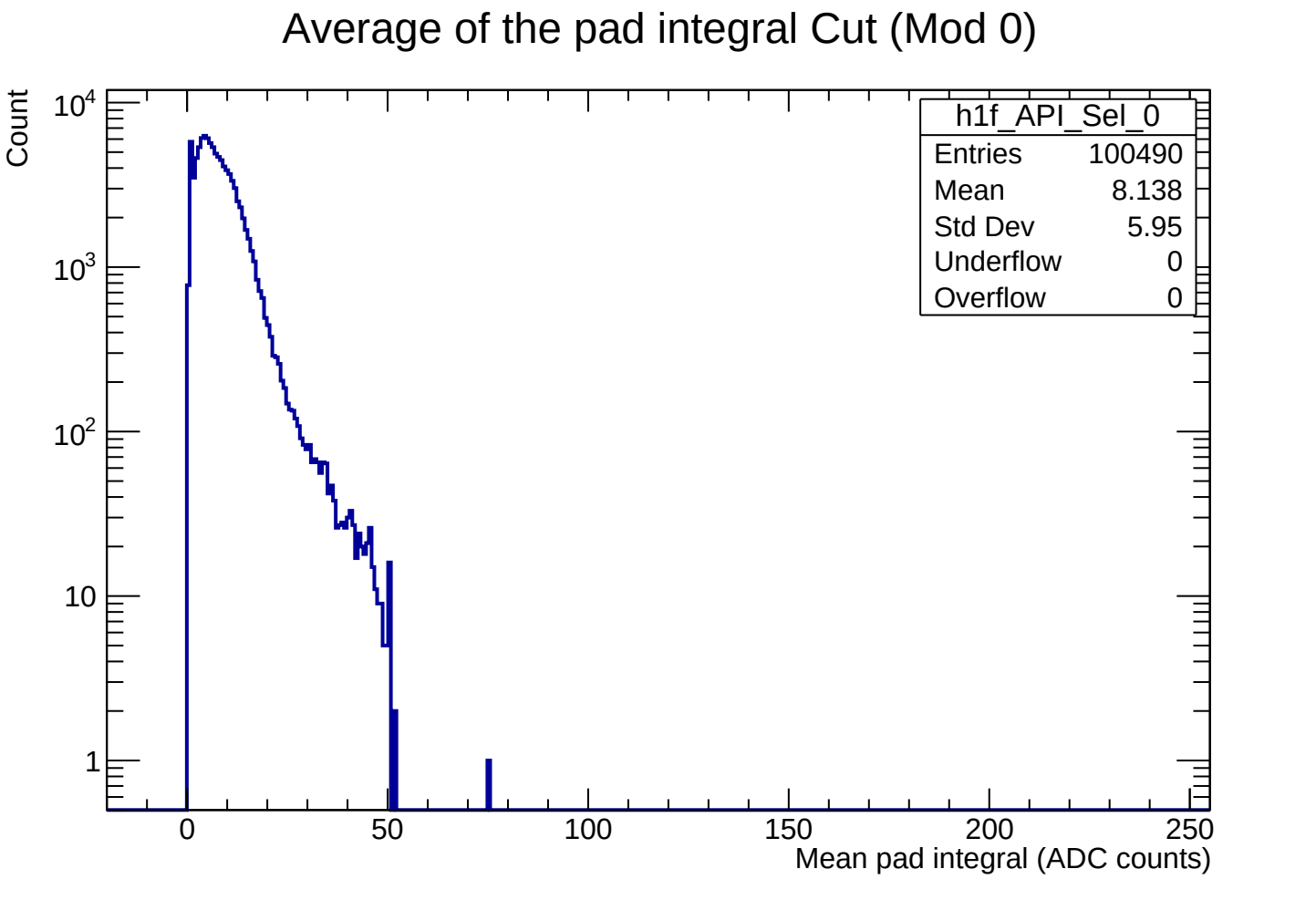

Pad Multiplicity Raw (Mod 0)
h1f_PM_Raw_0
Entries 136579
Mean 2.967
Std Dev 0.7703
Underflow 0
Overflow 0
Count
10^5
10^4
10^3
10^2
10
1
0
2
4
6
8
10
Number of pads

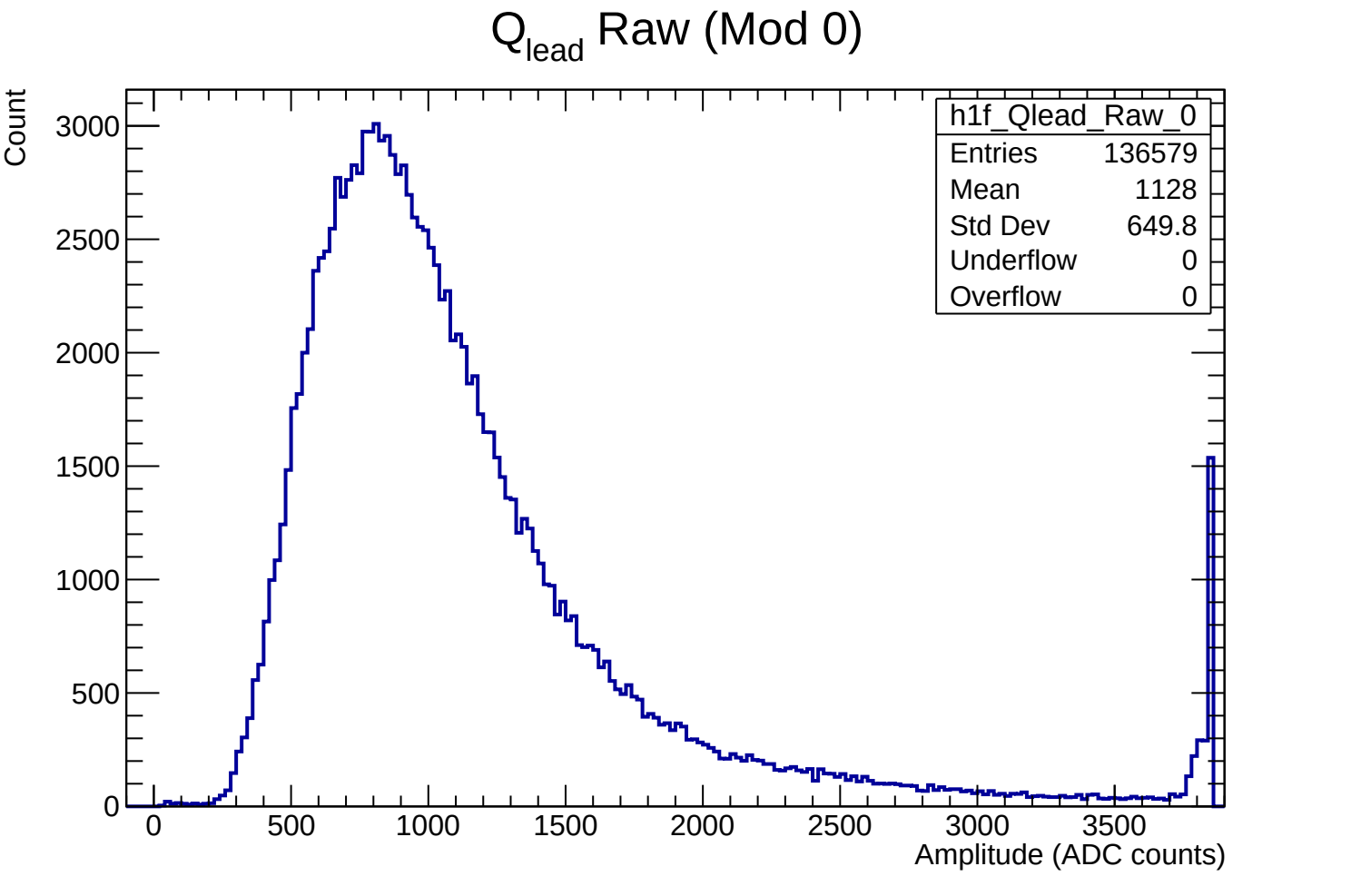

Pad Multiplicity Cut (Mod 0)
Count
10^4
10^3
10^2
10
0
2
4
6
8
10
Number of pads
h1f_PM_Sel_0
Entries 35598
Mean 2.823
Std Dev 0.5832
Underflow 0
Overflow 0

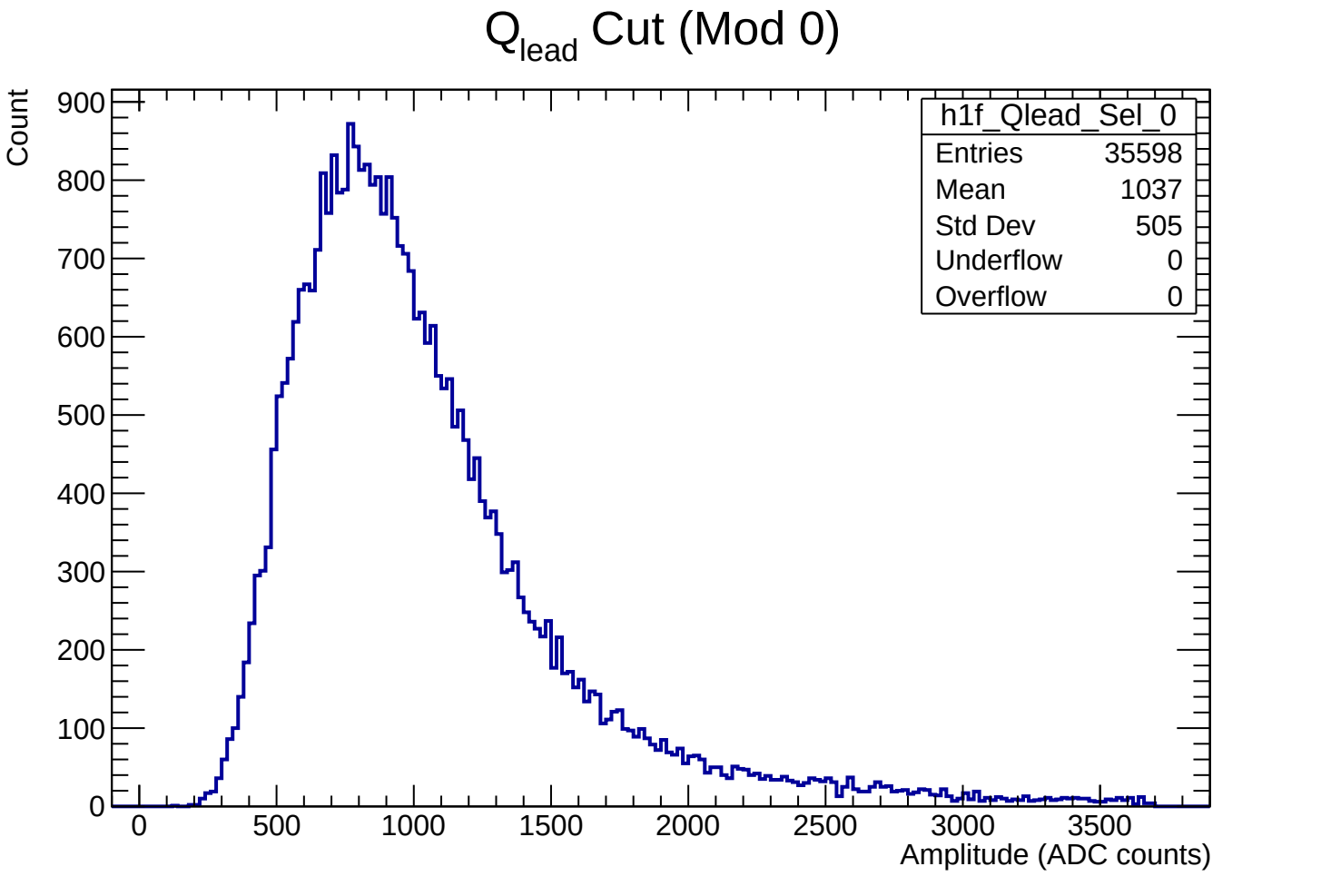

Average Pad Multiplicity Raw (Mod 0)
Count
10^3
10^2
10
0
2
4
6
8
10
average pad integral (ADC counts)
h1f_APM_Raw_0
Entries 4019
Mean 2.967
Std Dev 0.3877
Underflow 0
Overflow 0

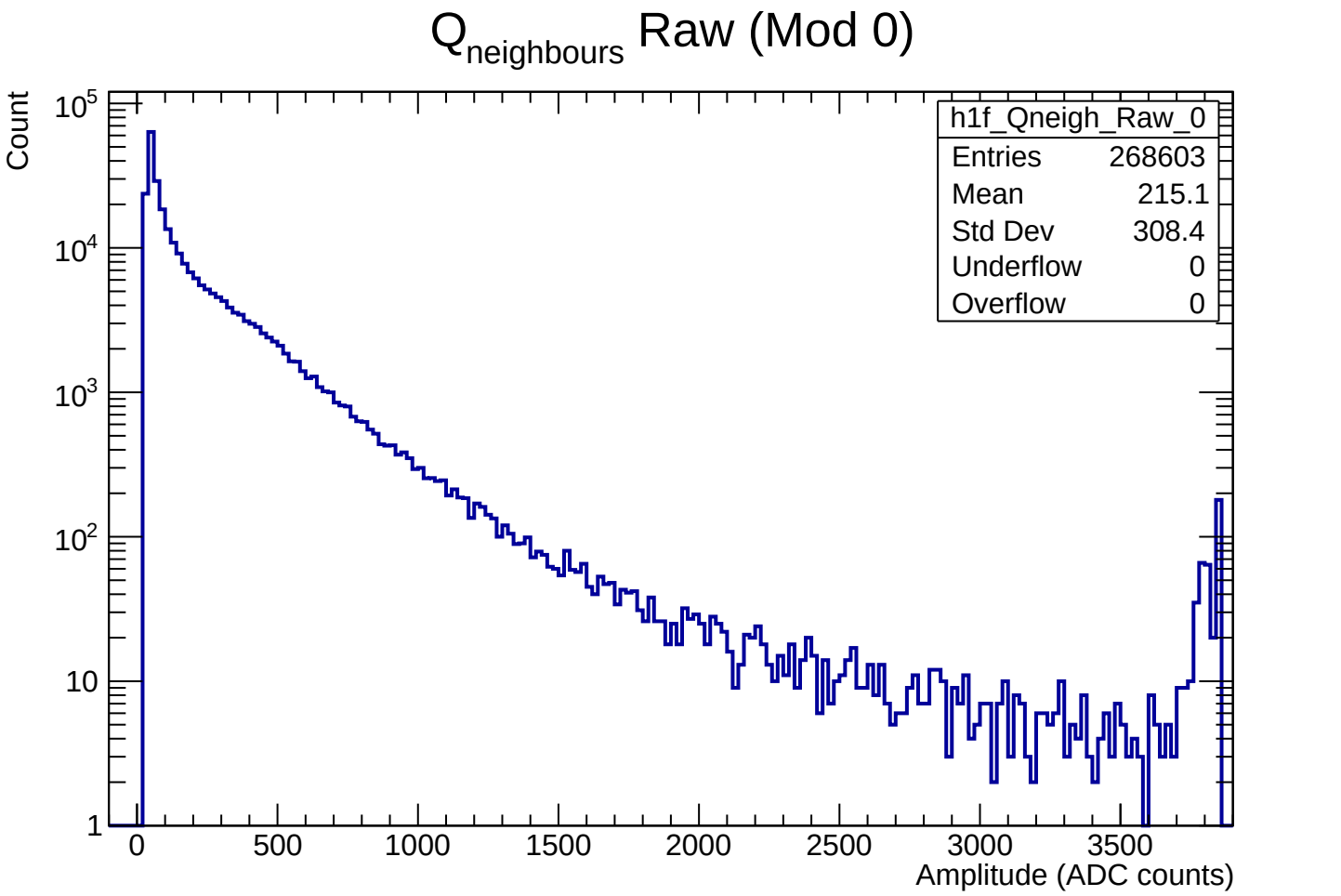

Average Pad Multiplicity Cut (Mod 0)
Count
10^3
10^2
10
1
0
2
4
6
8
10
average pad integral (ADC counts)
h1f_APM_Sel_0
Entries 1047
Mean 2.823
Std Dev 0.1622
Underflow 0
Overflow 0

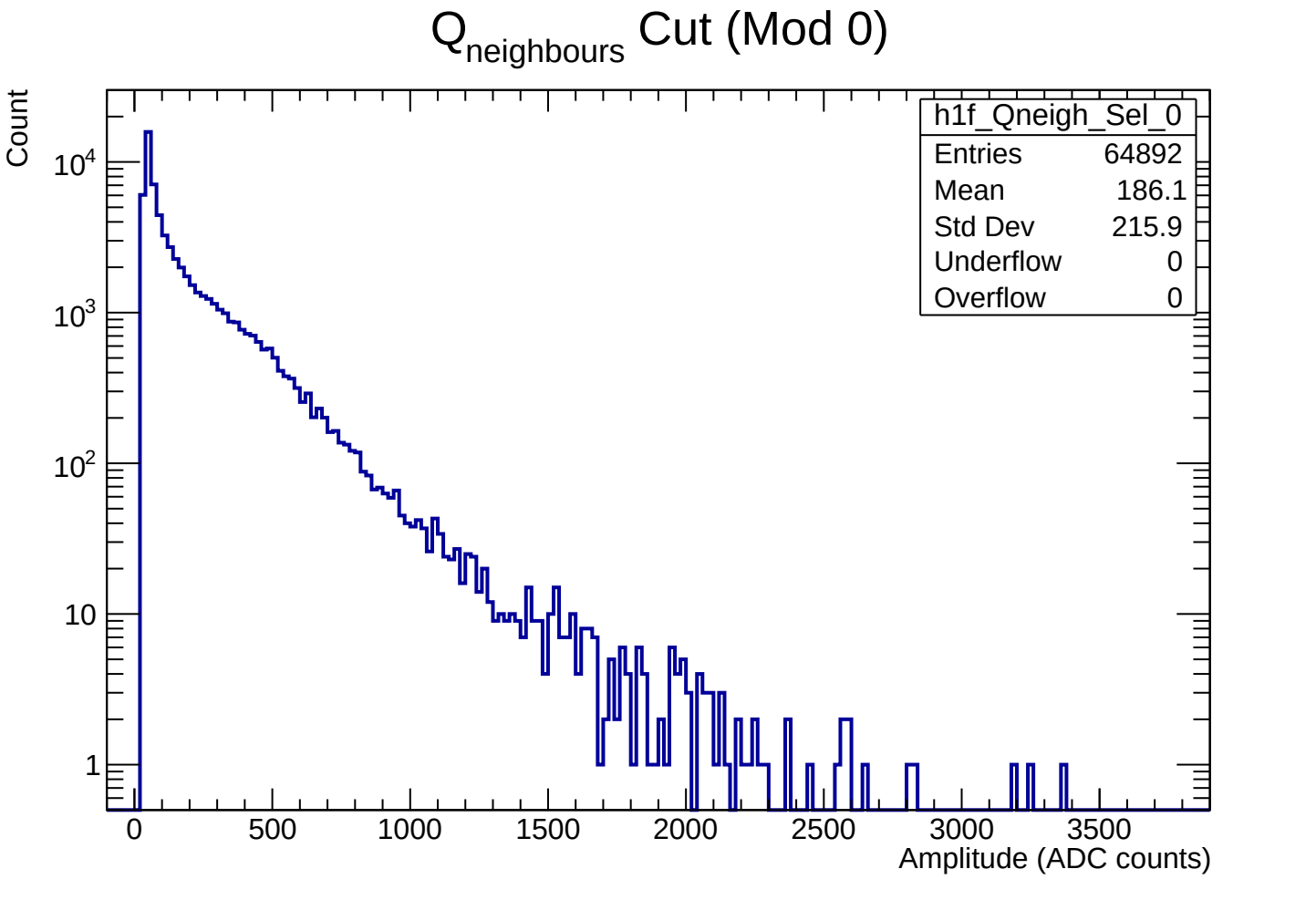

Average of the pad integral Raw (Mod 0)
Count
h1f_API_Raw_0
Entries 405182
Mean 9.462
Std Dev 9.446
Underflow 0
Overflow 0
10^4
10^3
10^2
10
1
0
50
100
150
200
250
Mean pad integral (ADC counts)

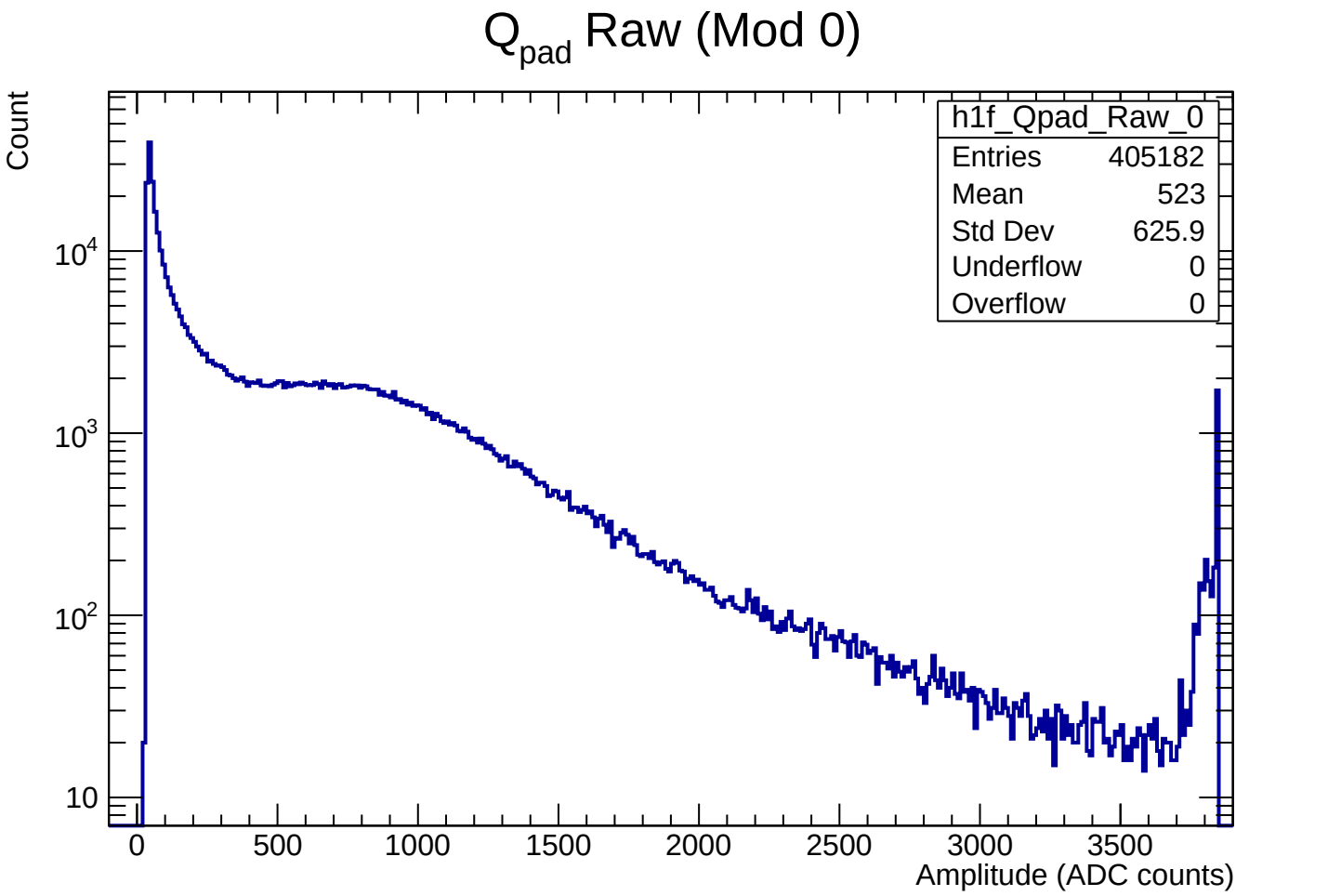

Average of the pad integral Cut (Mod 0)
Count
10^4
10^3
10^2
10
1
0
50
100
150
200
250
Mean pad integral (ADC counts)
h1f_API_Sel_0
Entries 100490
Mean 8.138
Std Dev 5.95
Underflow 0
Overflow 0

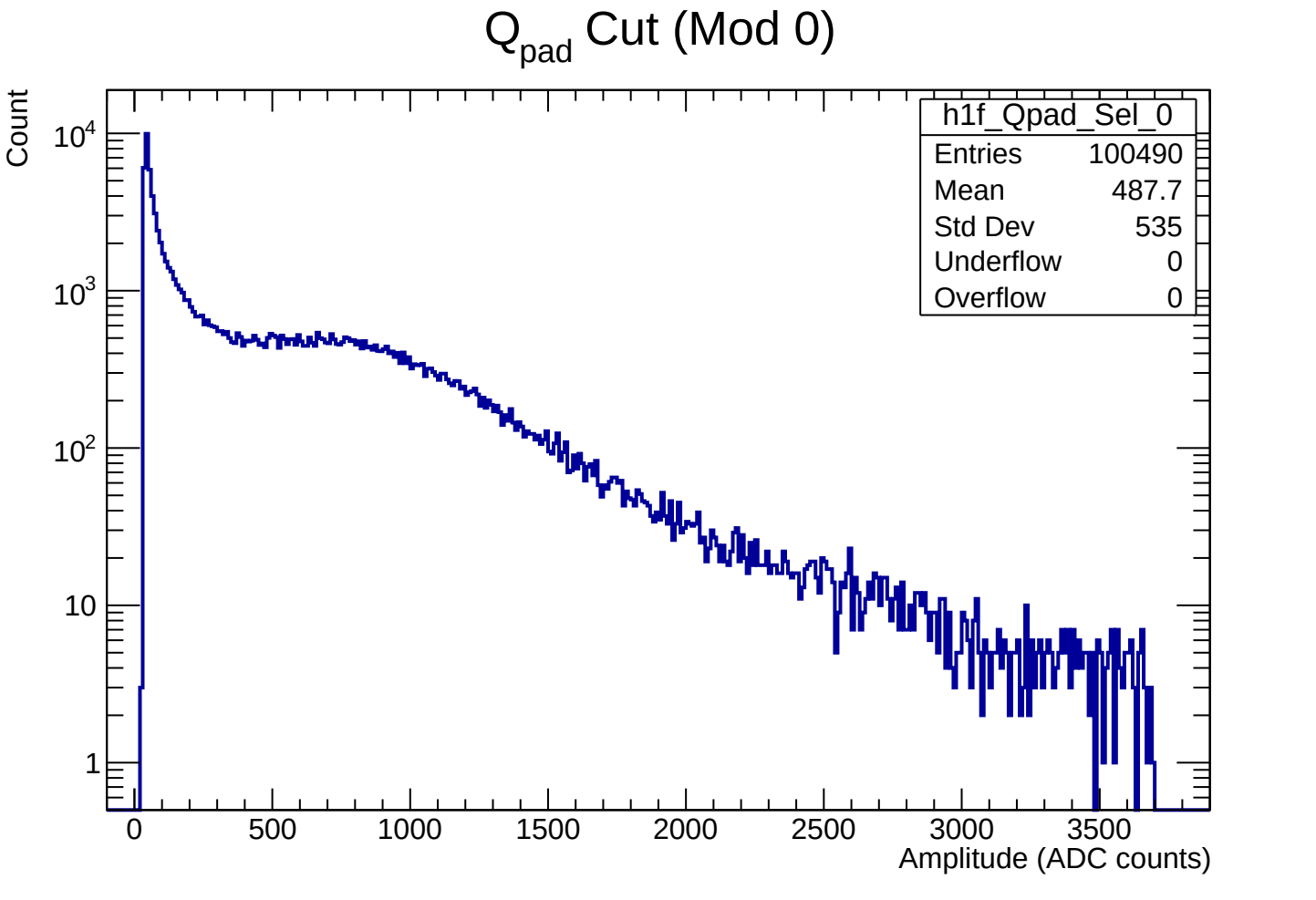

Q_{lead} Raw (Mod 0)
Count
3000
2500
2000
1500
1000
500
0
0
500
1000
1500
2000
2500
3000
3500
Amplitude (ADC counts)
h1f_Qlead_Raw_0
Entries 136579
Mean 1128
Std Dev 649.8
Underflow 0
Overflow 0

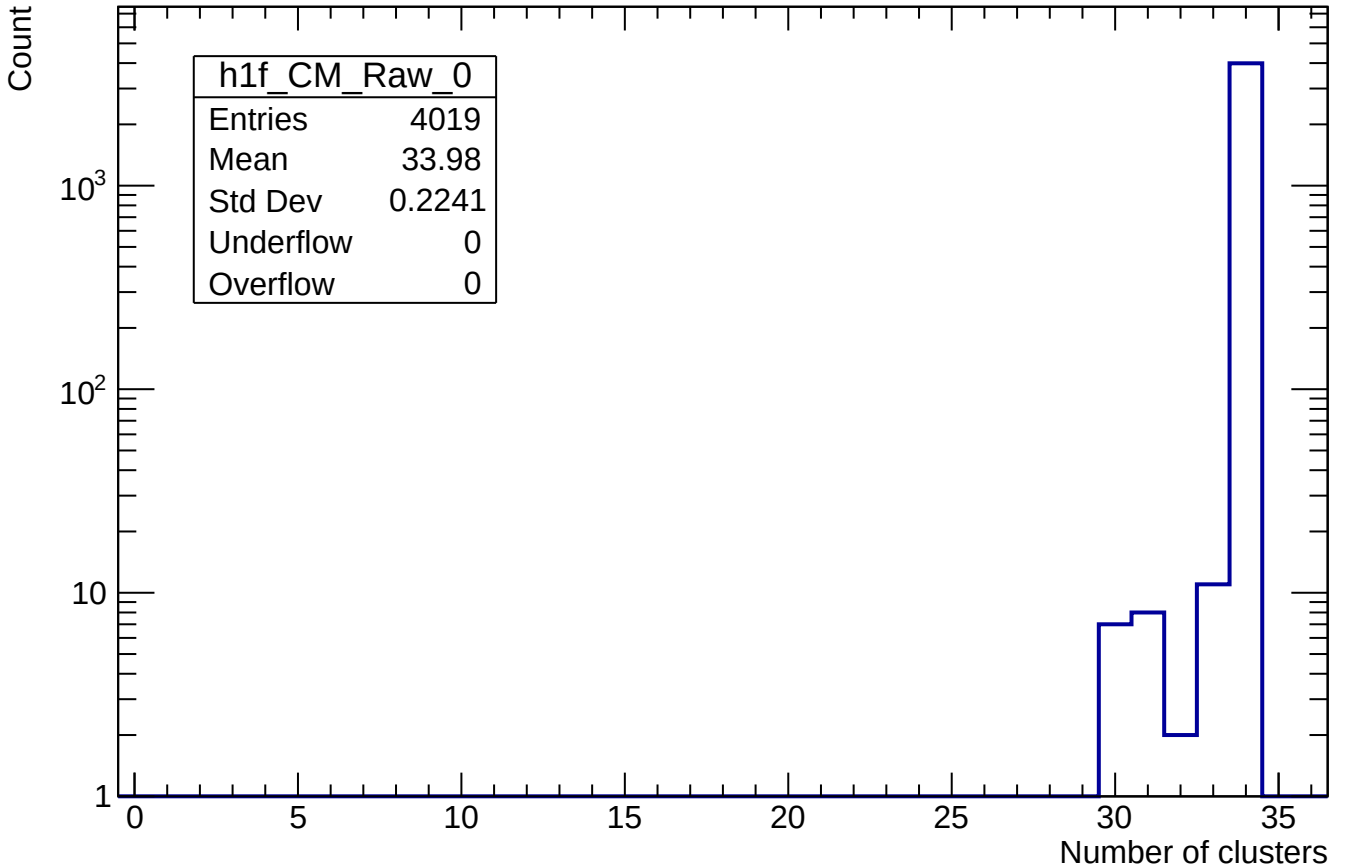

Q_{lead} Cut (Mod 0)
Count
900
800
700
600
500
400
300
200
100
0
0
500
1000
1500
2000
2500
3000
3500
Amplitude (ADC counts)
h1f_Qlead_Sel_0
Entries 35598
Mean 1037
Std Dev 505
Underflow 0
Overflow 0

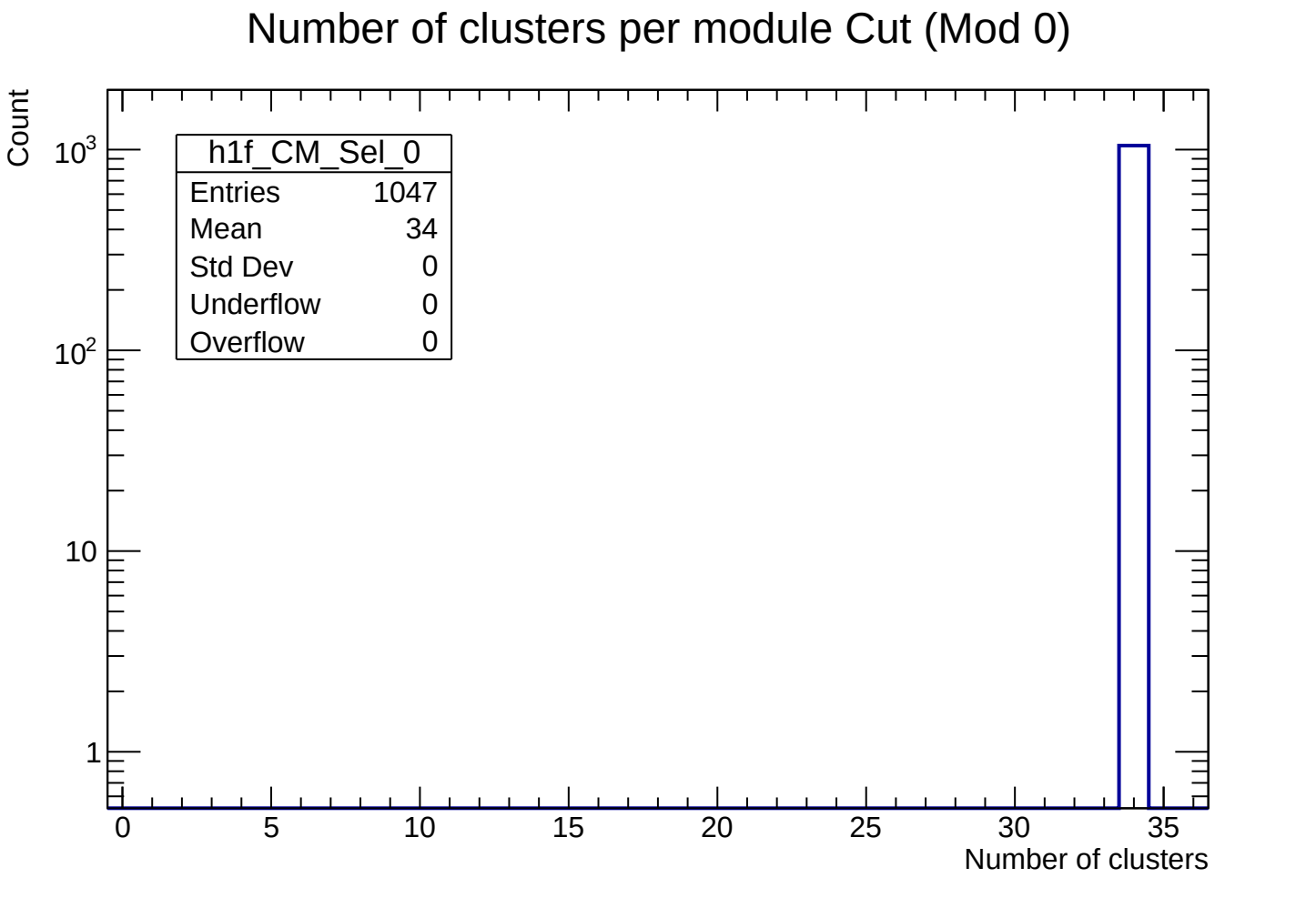

$Q_{neighbours}$ Raw (Mod 0)
Count
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
Amplitude (ADC counts)
h1f_Qneigh_Raw_0
Entries 268603
Mean 215.1
Std Dev 308.4
Underflow 0
Overflow 0

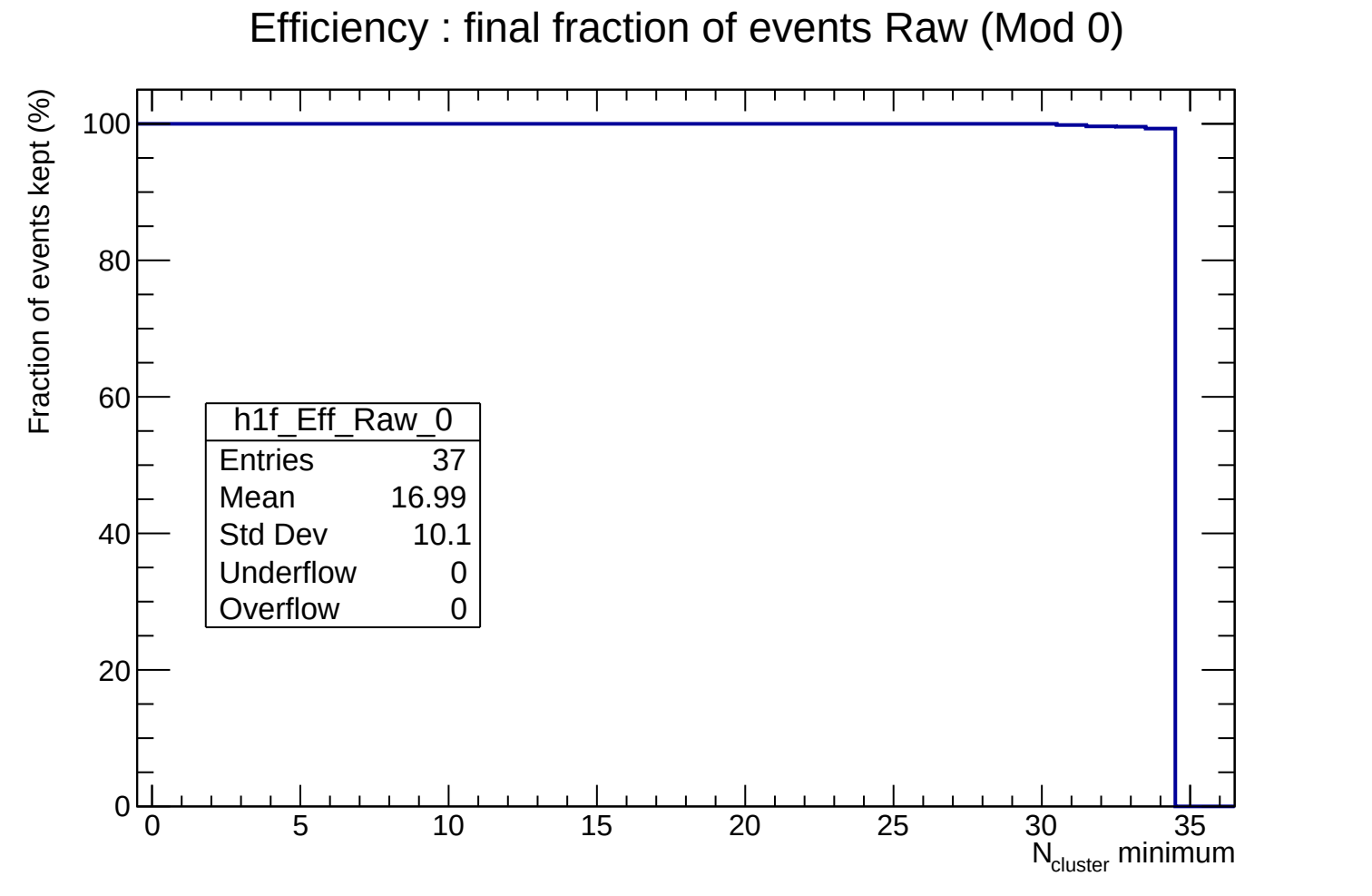

$Q_{neighbours}$ Cut (Mod 0)
Count
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
Amplitude (ADC counts)
h1f_Qneigh_Sel_0
Entries 64892
Mean 186.1
Std Dev 215.9
Underflow 0
Overflow 0

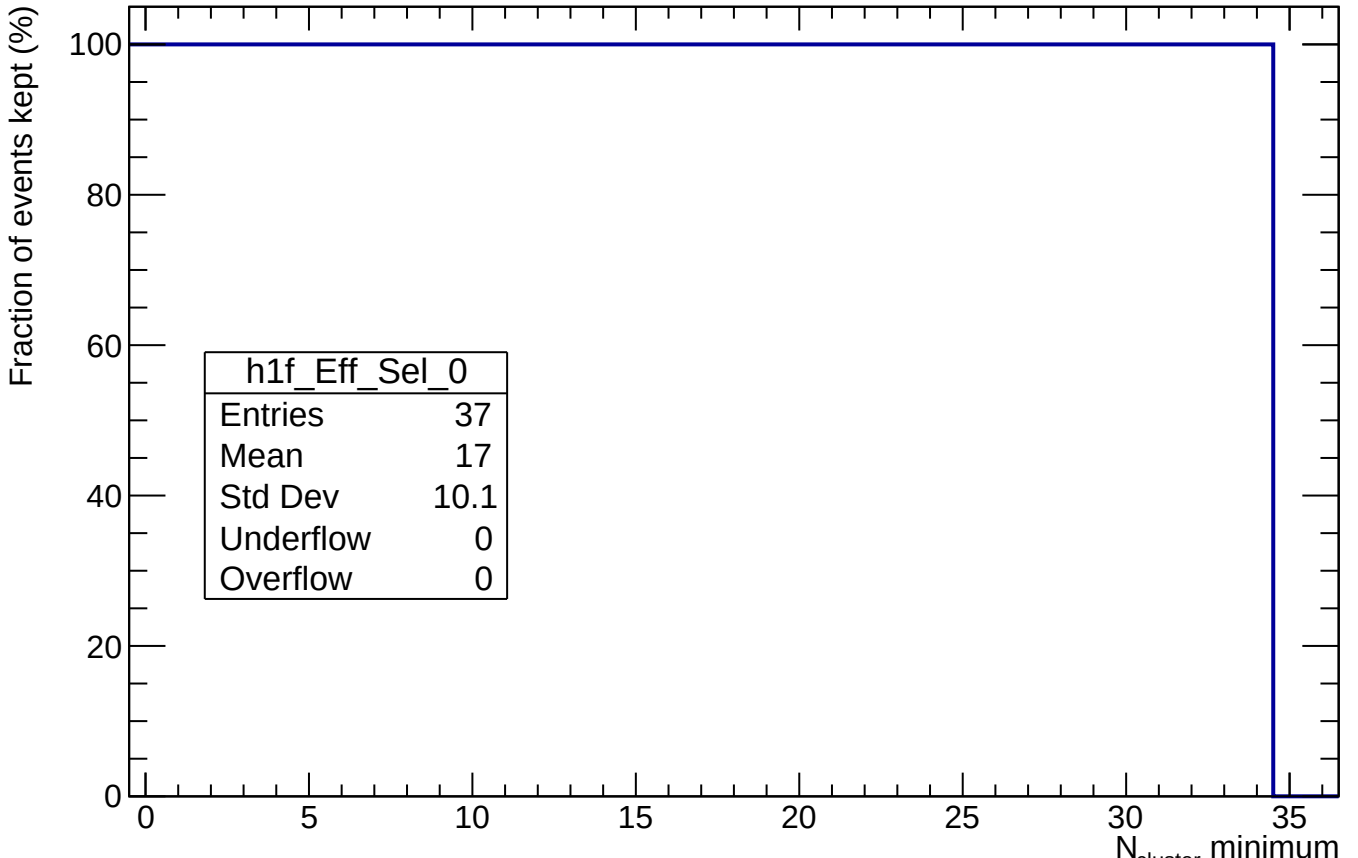

Q_{pad} Raw (Mod 0)
Count
10^4
10^3
10^2
10
0
500
1000
1500
2000
2500
3000
3500
Amplitude (ADC counts)
h1f_Qpad_Raw_0
Entries 405182
Mean 523
Std Dev 625.9
Underflow 0
Overflow 0

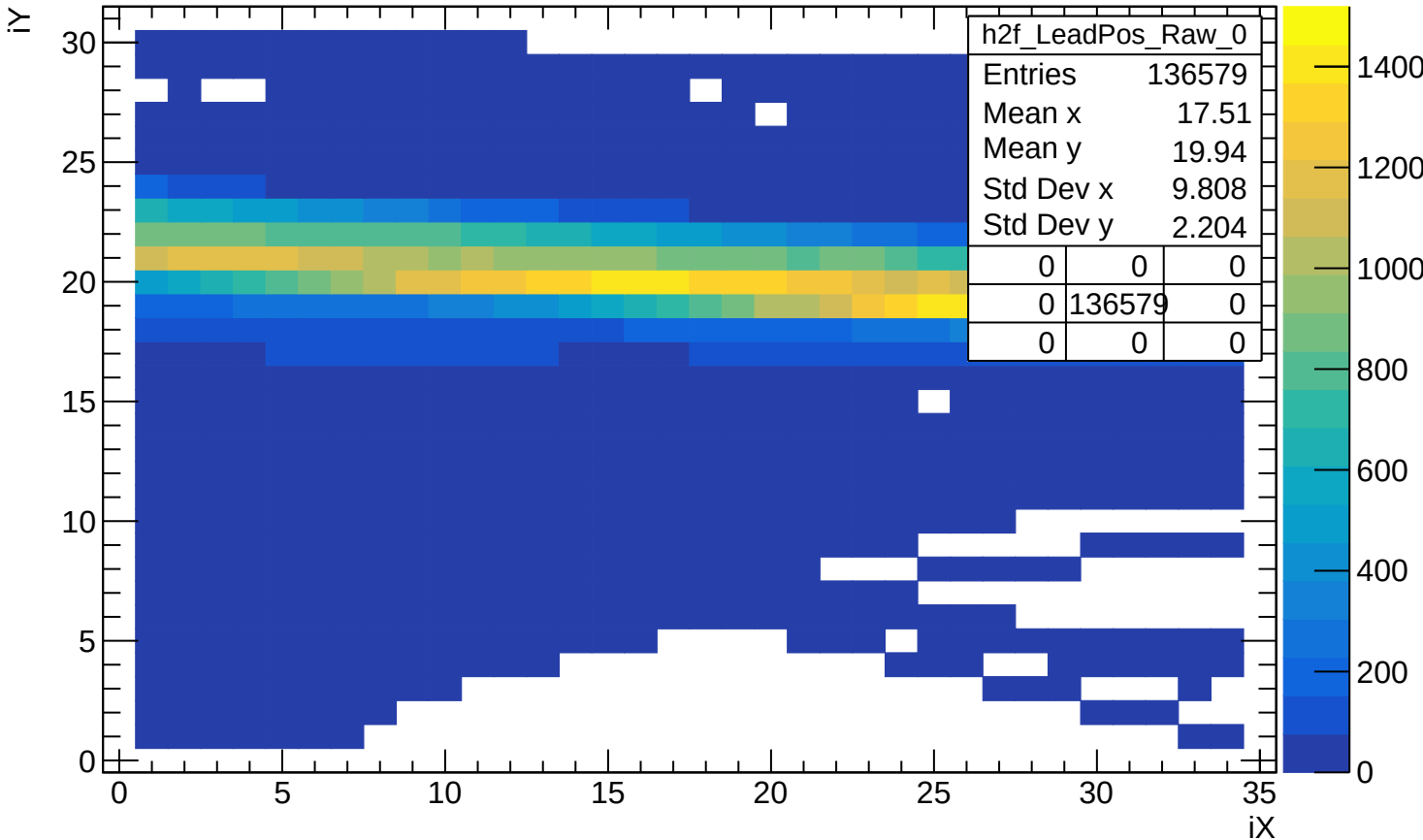

Q_{pad} Cut (Mod 0)
Count
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
Amplitude (ADC counts)
h1f_Qpad_Sel_0
Entries 100490
Mean 487.7
Std Dev 535
Underflow 0
Overflow 0

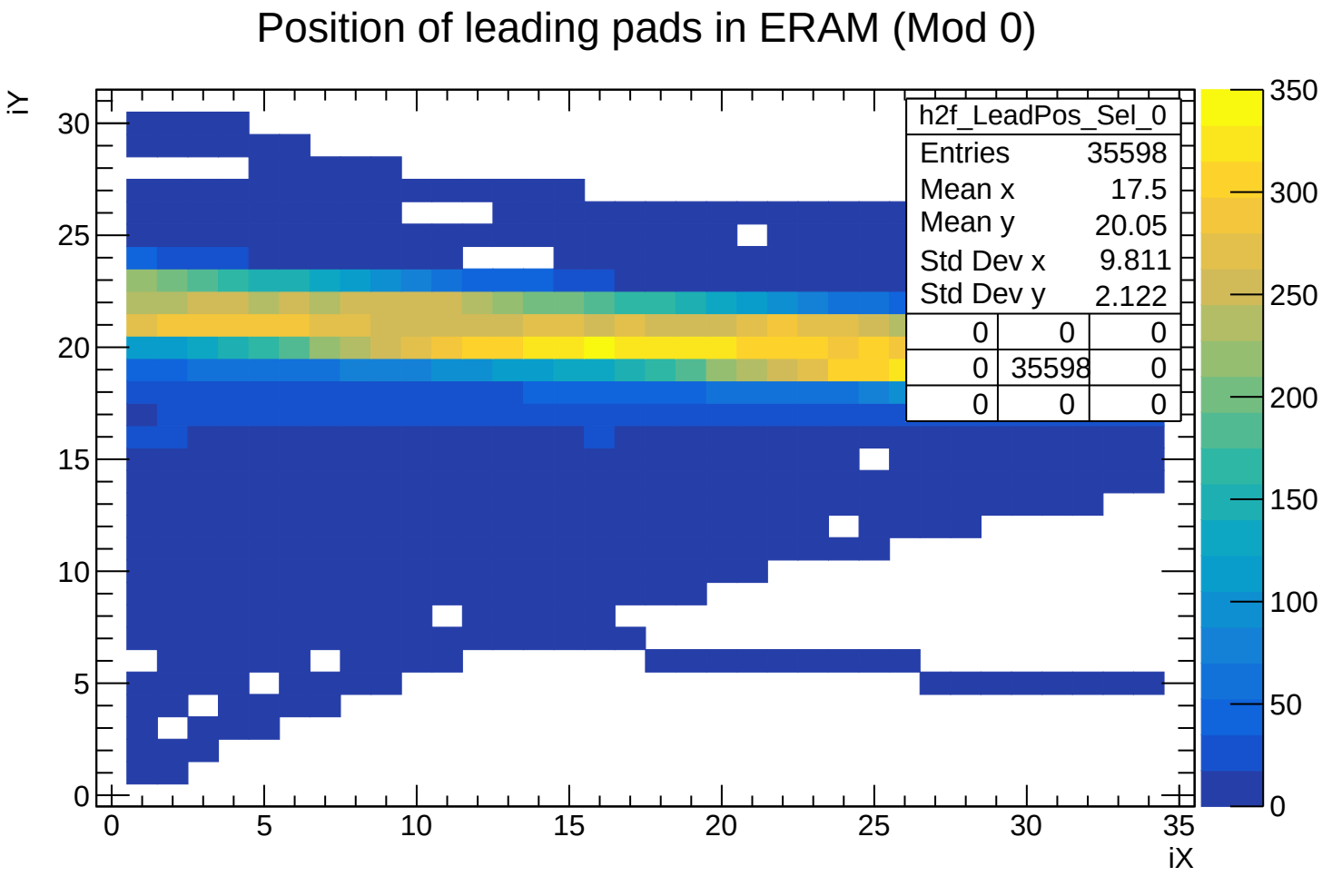

Number of clusters per module Raw (Mod 0)
h1f_CM_Raw_0
Entries 4019
Mean 33.98
Std Dev 0.2241
Underflow 0
Overflow 0
Count
10^3
10^2
10
1
0
5
10
15
20
25
30
35
Number of clusters

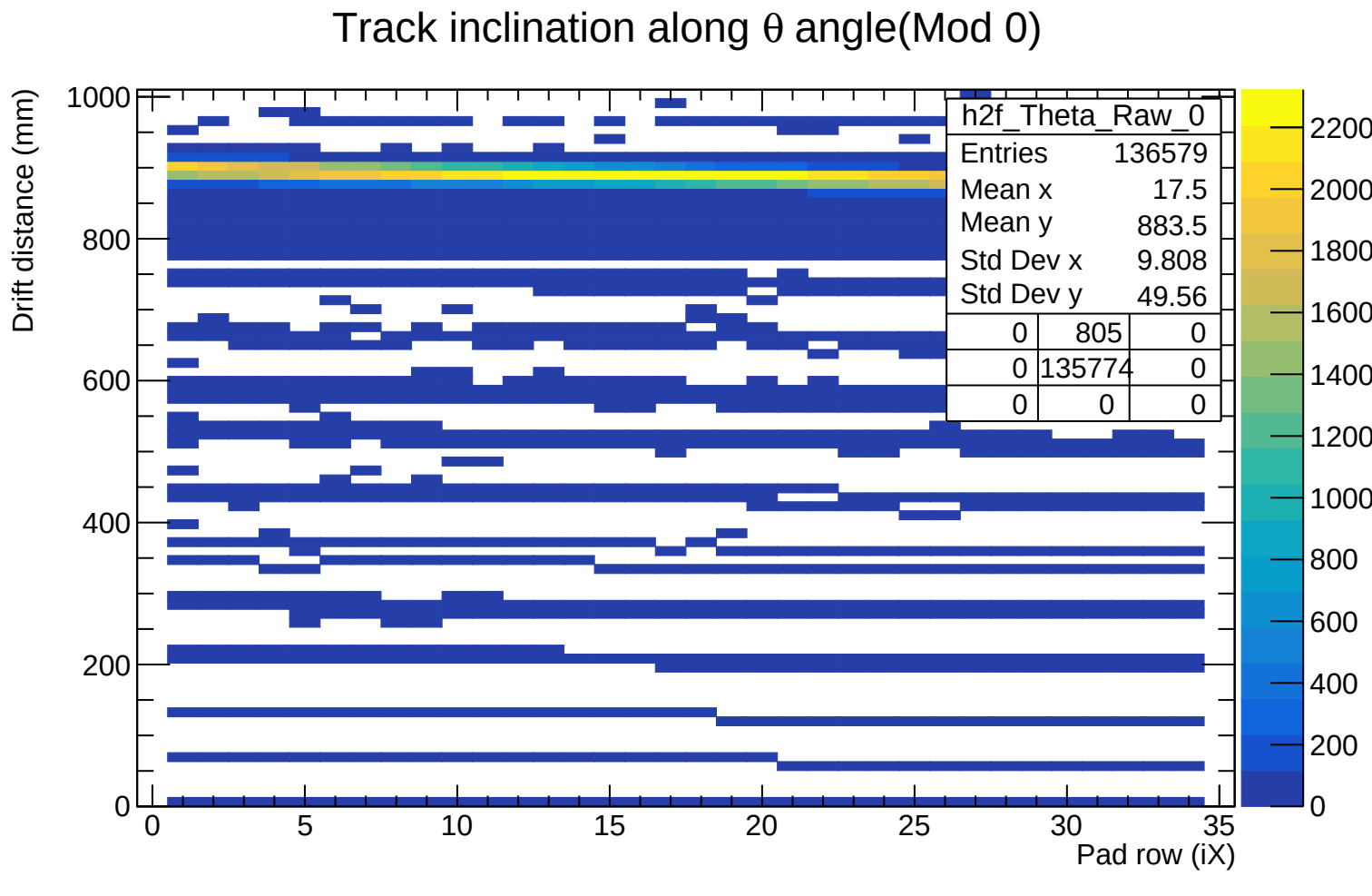

Number of clusters per module Cut (Mod 0)
Count
h1f_CM_Sel_0
Entries 1047
Mean 34
Std Dev 0
Underflow 0
Overflow 0
10^3
10^2
10
1
0
5
10
15
20
25
30
35
Number of clusters

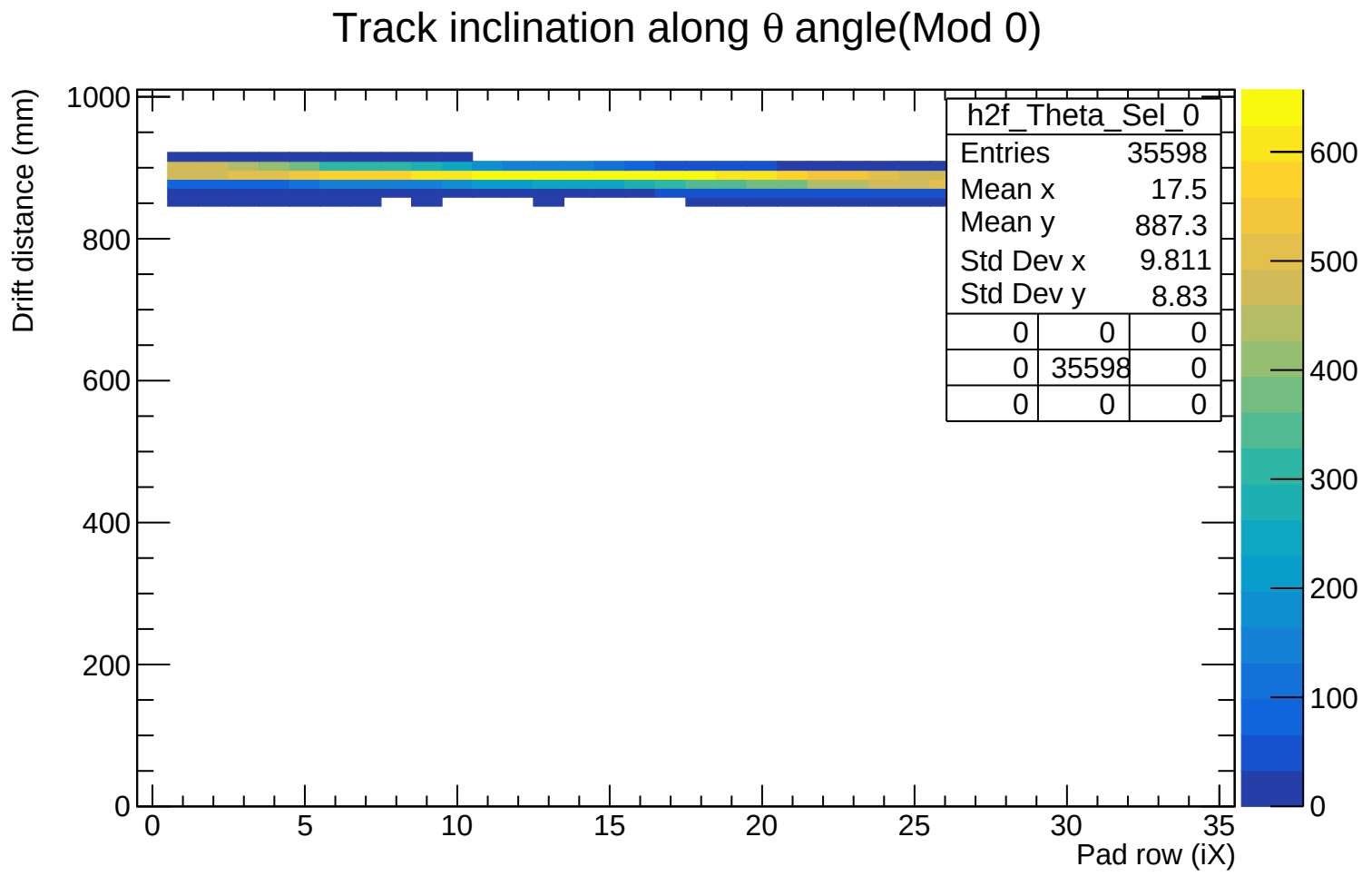

Efficiency : final fraction of events Raw (Mod 0)
Fraction of events kept (%)
100
80
60
40
20
0
0
5
10
15
20
25
30
35
N cluster minimum
h1f_Eff_Raw_0
Entries 37
Mean 16.99
Std Dev 10.1
Underflow 0
Overflow 0


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)
h2f_LeadPos_Raw_0
Entries 136579
Mean x 17.51
Mean y 19.94
Std Dev x 9.808
Std Dev y 2.204
0 0 0
0 136579 0
0 0 0
iY
iX
0
5
10
15
20
25
30
35
200
400
600
800
1000
1200
1400


Position of leading pads in ERAM (Mod 0)
h2f_LeadPos_Sel_0
Entries 35598
Mean x 17.5
Mean y 20.05
Std Dev x 9.811
Std Dev y 2.122
0 0 0
0 35598 0
0 0 0
iY
iX
0
5
10
15
20
25
30
35
50
100
150
200
250
300
350


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 136579
Mean x 17.5
Mean y 883.5
Std Dev x 9.808
Std Dev y 49.56
0 805 0
0 135774 0
0 0 0
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0


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)
600
500
400
300
200
100
0
h2f_Theta_Sel_0
Entries 35598
Mean x 17.5
Mean y 887.3
Std Dev x 9.811
Std Dev y 8.83
0 0 0
0 35598 0
0 0 0