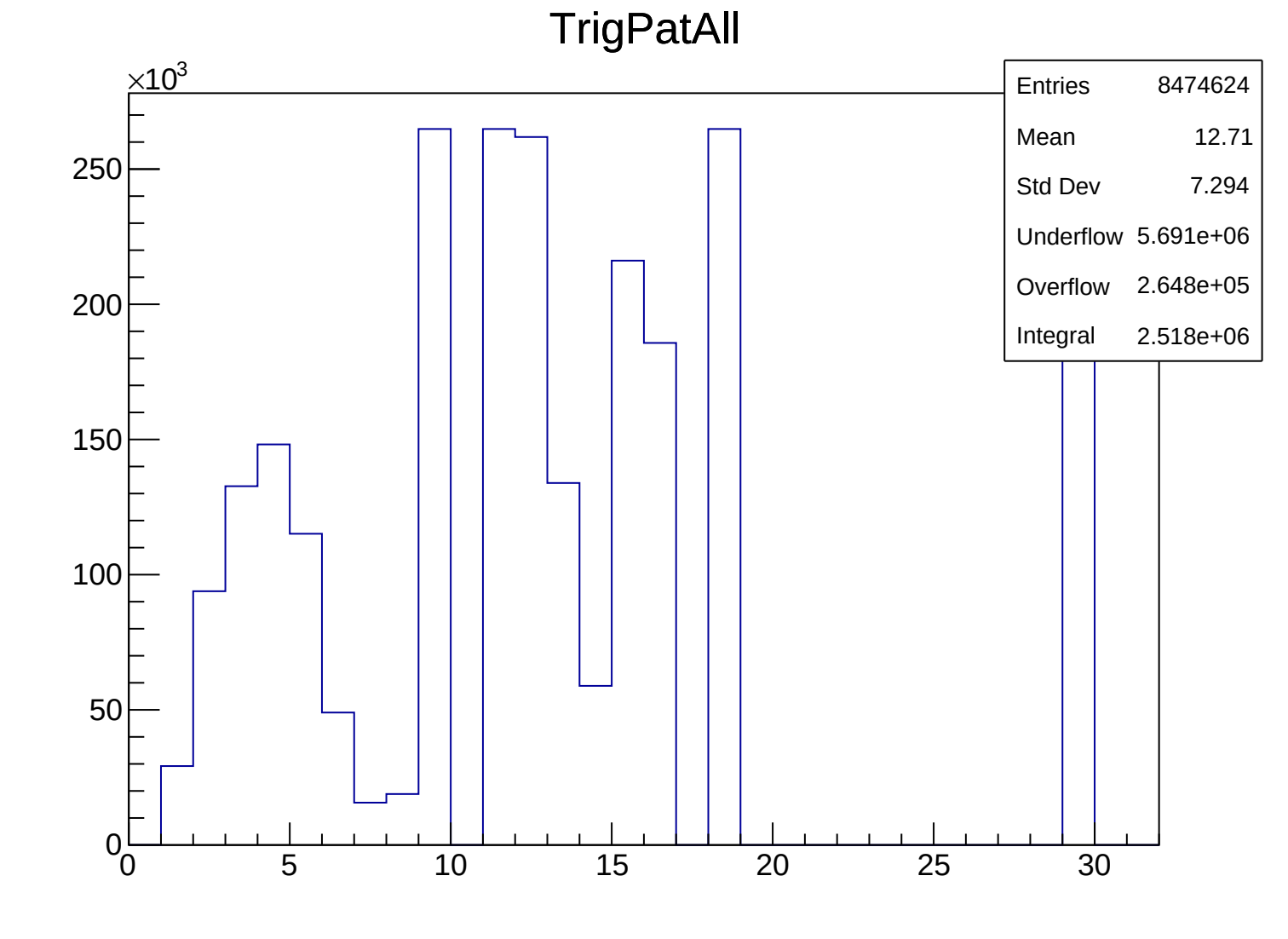
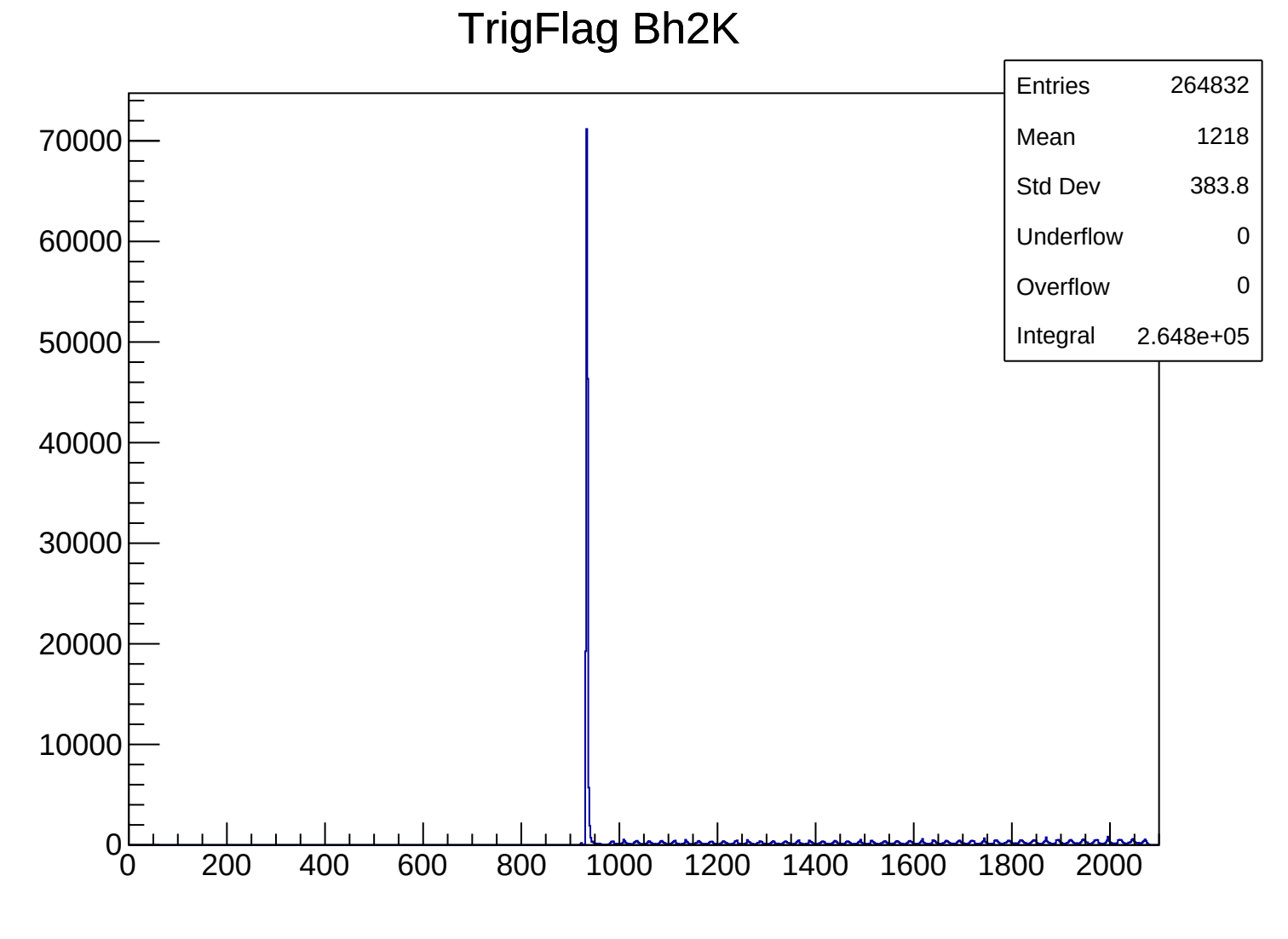
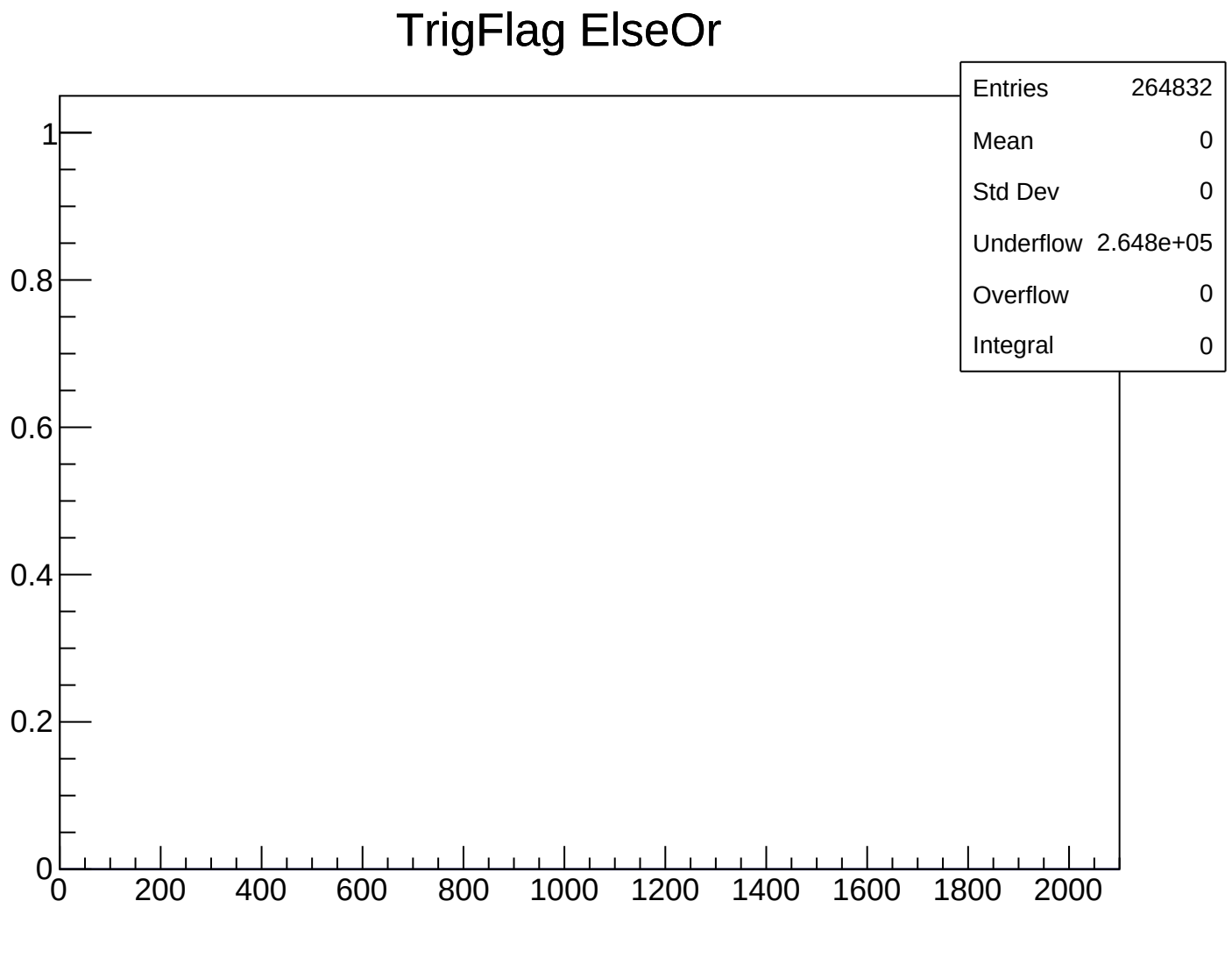
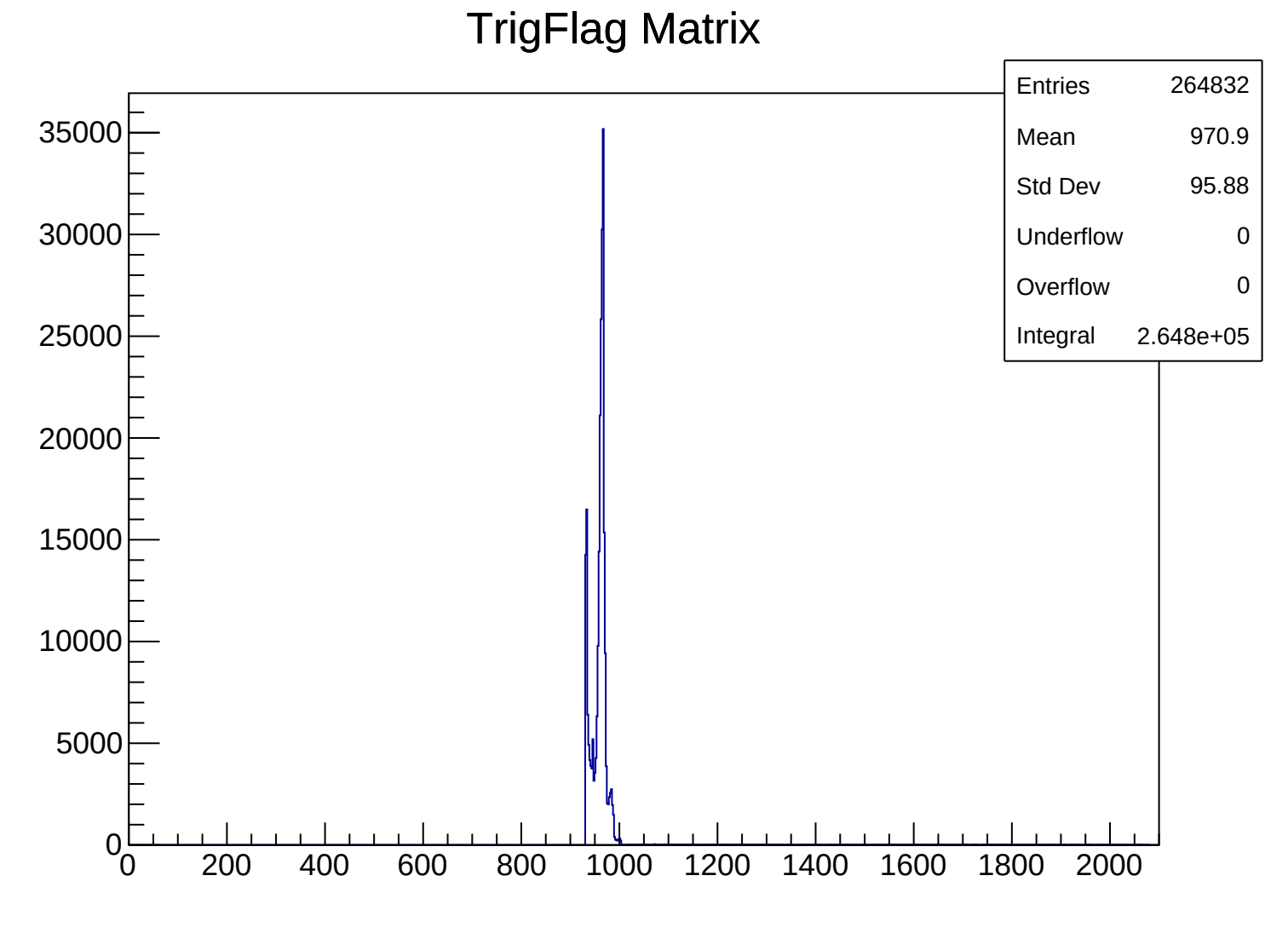

TrigPatAll
×10^3
250
200
150
100
50
0
0
5
10
15
20
25
30
Entries 8474624
Mean 12.71
Std Dev 7.294
Underflow 5.691e+06
Overflow 2.648e+05
Integral 2.518e+06


TrigFlag Bh2K
Entries 264832
Mean 1218
Std Dev 383.8
Underflow 0
Overflow 0
Integral 2.648e+05
70000
60000
50000
40000
30000
20000
10000
0
0
200
400
600
800
1000
1200
1400
1600
1800
2000


TrigFlag ElseOr
Entries 264832
Mean 0
Std Dev 0
Underflow 2.648e+05
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
200
400
600
800
1000
1200
1400
1600
1800
2000


TrigFlag Matrix
Entries 264832
Mean 970.9
Std Dev 95.88
Underflow 0
Overflow 0
Integral 2.648e+05
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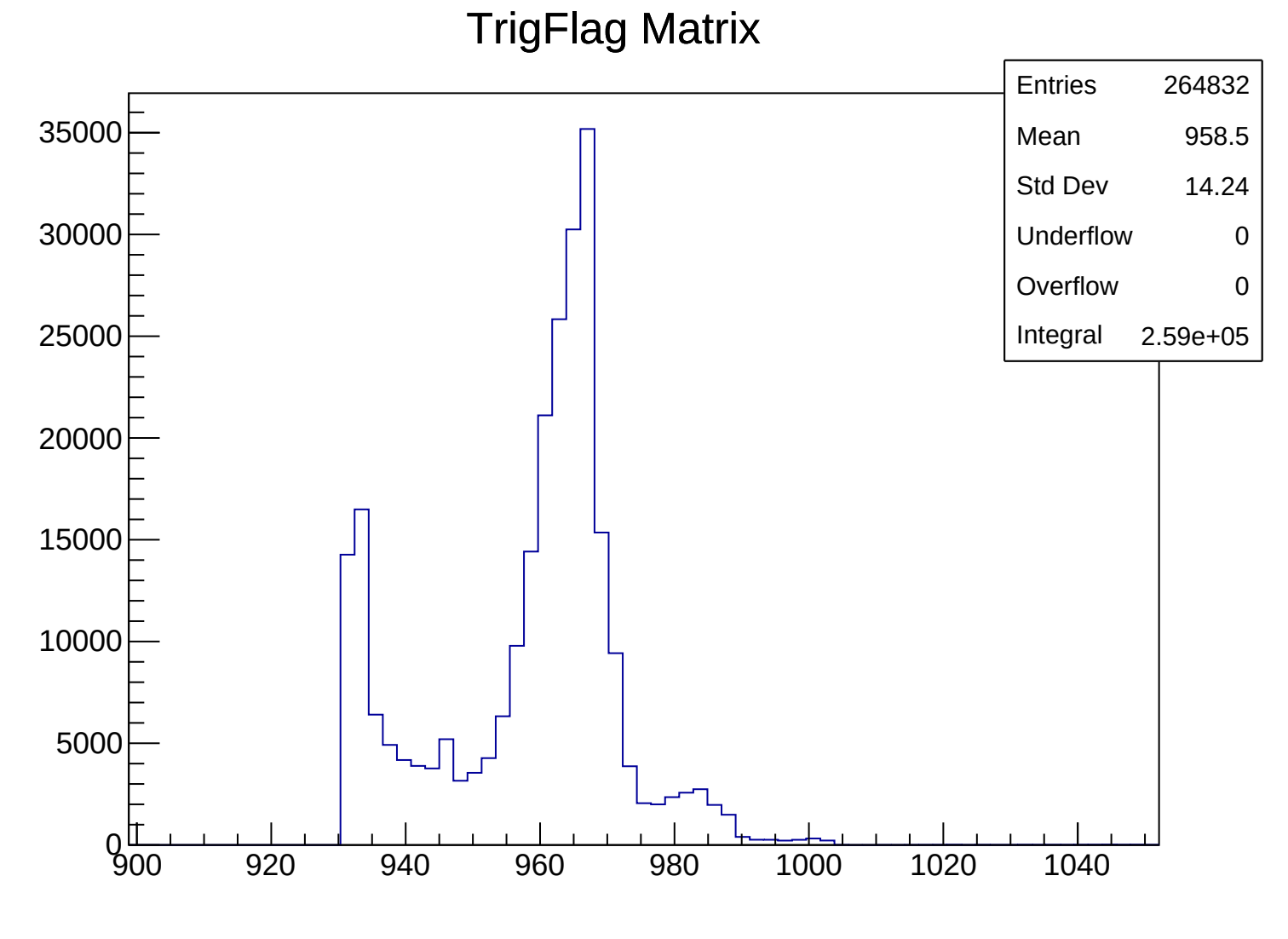
25000
20000
15000
10000
5000
0
0
200
400
600
800
1000
1200
1400
1600
1800
2000


TrigFlag Matrix
Entries 264832
Mean 958.5
Std Dev 14.24
Underflow 0
Overflow 0
Integral 2.59e+05
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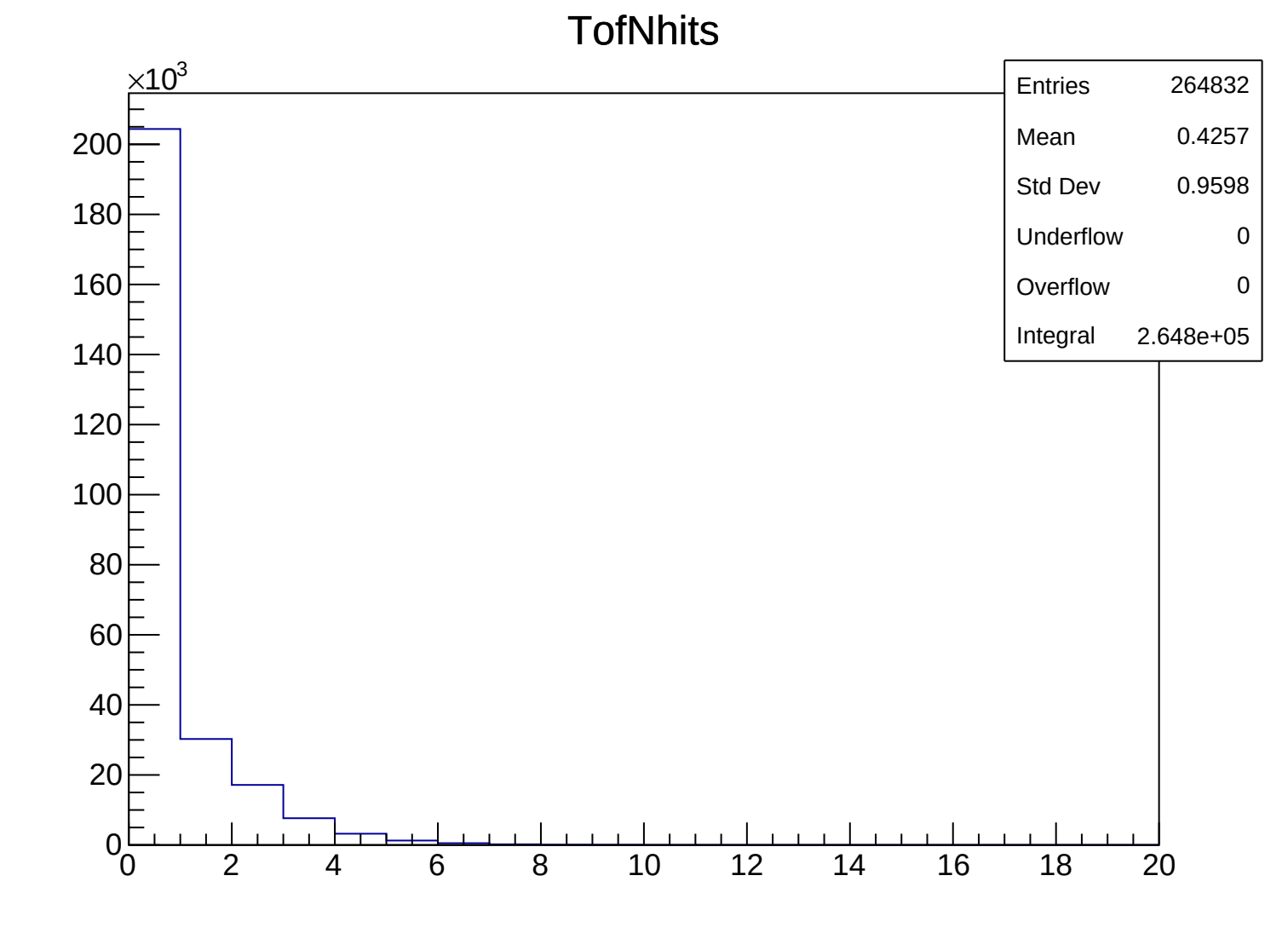
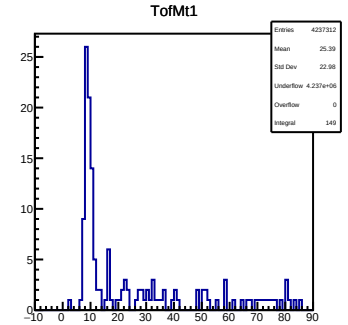
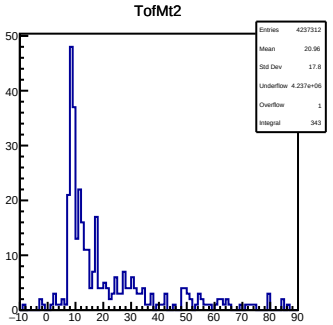
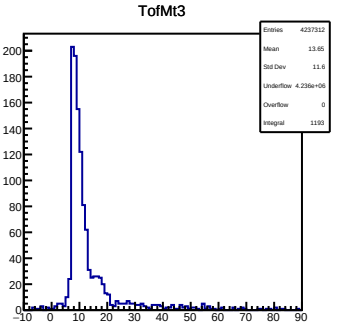
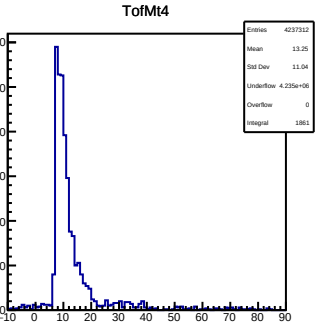
30000
25000
20000
15000
10000
5000
0
900
920
940
960
980
1000
1020
1040

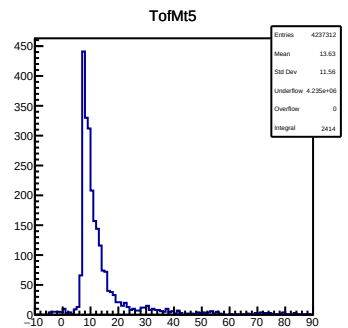

TofNhits
×10^3
200
180
160
140
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
18
20
Entries 264832
Mean 0.4257
Std Dev 0.9598
Underflow 0
Overflow 0
Integral 2.648e+05

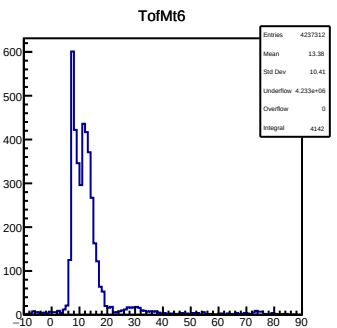

TofMt1
Entries 4237312
Mean 25.39
Std Dev 22.98
Underflow 4.237e+06
Overflow 0
Integral 149

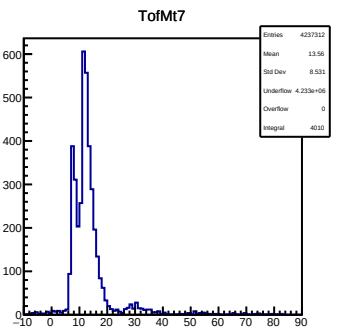

TofMt2
Entries 4237312
Mean 20.96
Std Dev 17.8
Underflow 4.237e+06
Overflow 1
Integral 343

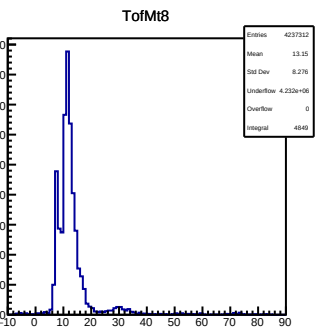

TofMt3
Entries 4237312
Mean 13.65
Std Dev 11.6
Underflow 4.236e+06
Overflow 0
Integral 1193

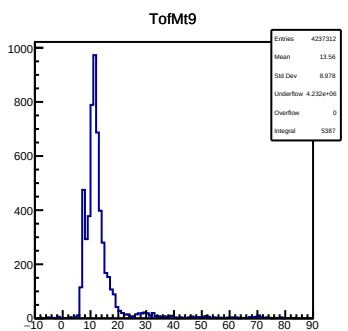

TofMt4
Entries 4237312
Mean 13.25
Std Dev 11.04
Underflow 4.235e+06
Overflow 0
Integral 1861

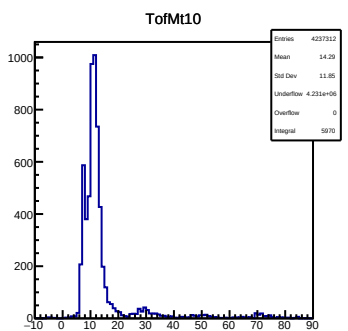

TofMt5
Entries 4237312
Mean 13.63
Std Dev 11.56
Underflow 4.235e+06
Overflow 0
Integral 2414

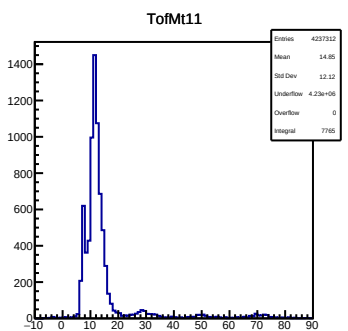

TofMt6
Entries 4237312
Mean 13.38
Std Dev 10.41
Underflow 4.233e+06
Overflow 0
Integral 4142

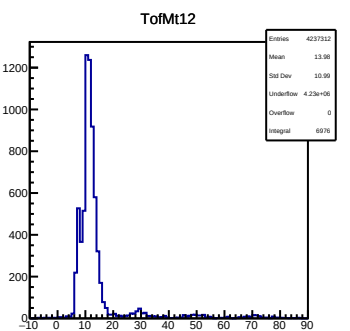

TofMt7
Entries 4237312
Mean 13.56
Std Dev 8.531
Underflow 4.233e+06
Overflow 0
Integral 4010

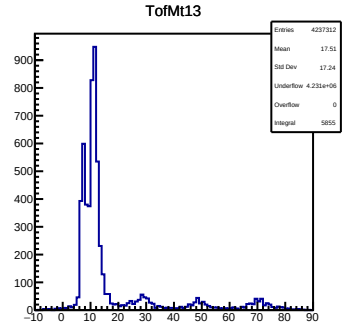

TofMt8
Entries 4237312
Mean 13.15
Std Dev 8.276
Underflow 4.232e+06
Overflow 0
Integral 4840

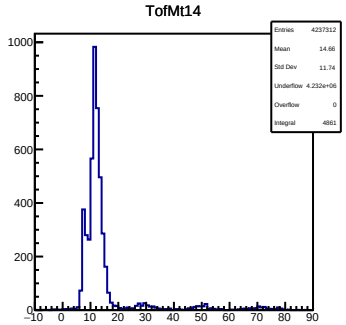

TofMt9
Entries 4237312
Mean 13.56
Std Dev 8.978
Underflow 4.232e+06
Overflow 0
Integral 5387

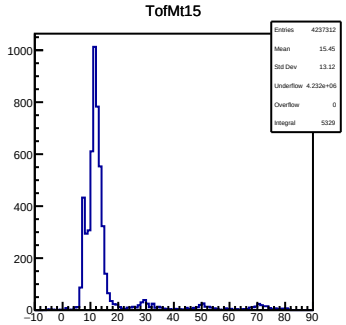

TofMt10
Entries 4237312
Mean 14.29
Std Dev 11.85
Underflow 4.231e+06
Overflow 0
Integral 5970

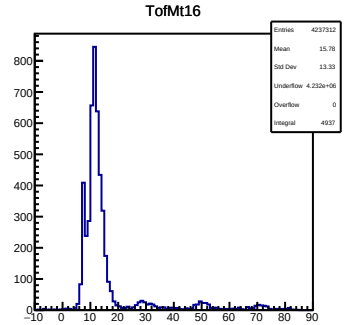

TofMt11
Entries 4237312
Mean 14.85
Std Dev 12.12
Underflow 4.23e+06
Overflow 0
Integral 7765

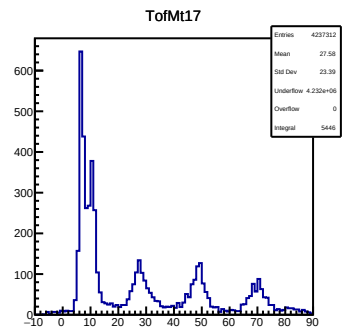

TofMt12
Entries 4237312
Mean 13.98
Std Dev 10.99
Underflow 4.23e+06
Overflow 0
Integral 6976

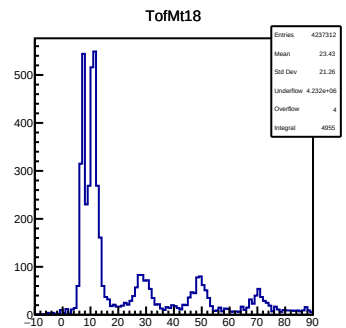

TofMt13
Entries 4237312
Mean 17.51
Std Dev 17.24
Underflow 4.231e+06
Overflow 0
Integral 5855

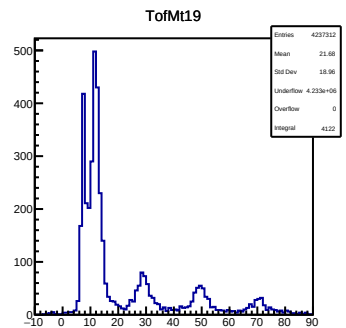

TofMt14
Entries 4237312
Mean 14.66
Std Dev 11.74
Underflow 4.232e+06
Overflow 0
Integral 4861

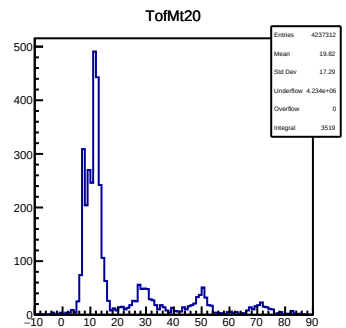

TofMt15
Entries 4237312
Mean 15.45
Std Dev 13.12
Underflow 4.232e+06
Overflow 0
Integral 5329

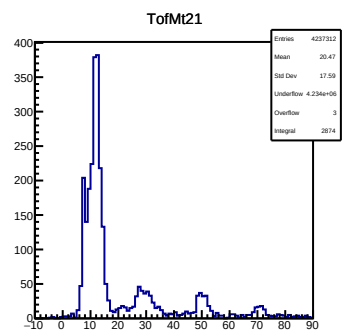

TofMt16
Entries 4237312
Mean 15.78
Std Dev 13.33
Underflow 4.232e+06
Overflow 0
Integral 4937

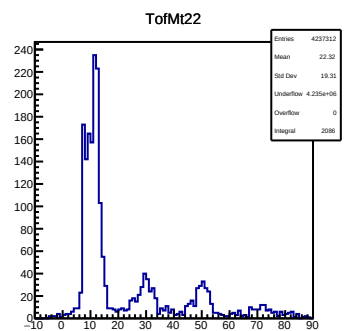

TofMt17
Entries 4237312
Mean 27.58
Std Dev 23.39
Underflow 4.232e+06
Overflow 0
Integral 5446

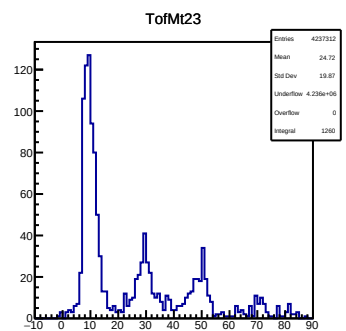

TofMt18
Entries 4237312
Mean 23.43
Std Dev 21.26
Underflow 4.232e+06
Overflow 4
Integral 4955

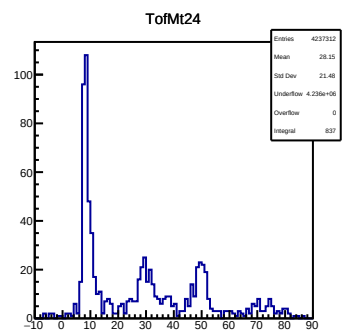

TofMt19
Entries 4237312
Mean 21.68
Std Dev 18.96
Underflow 4.233e+06
Overflow 0
Integral 4122

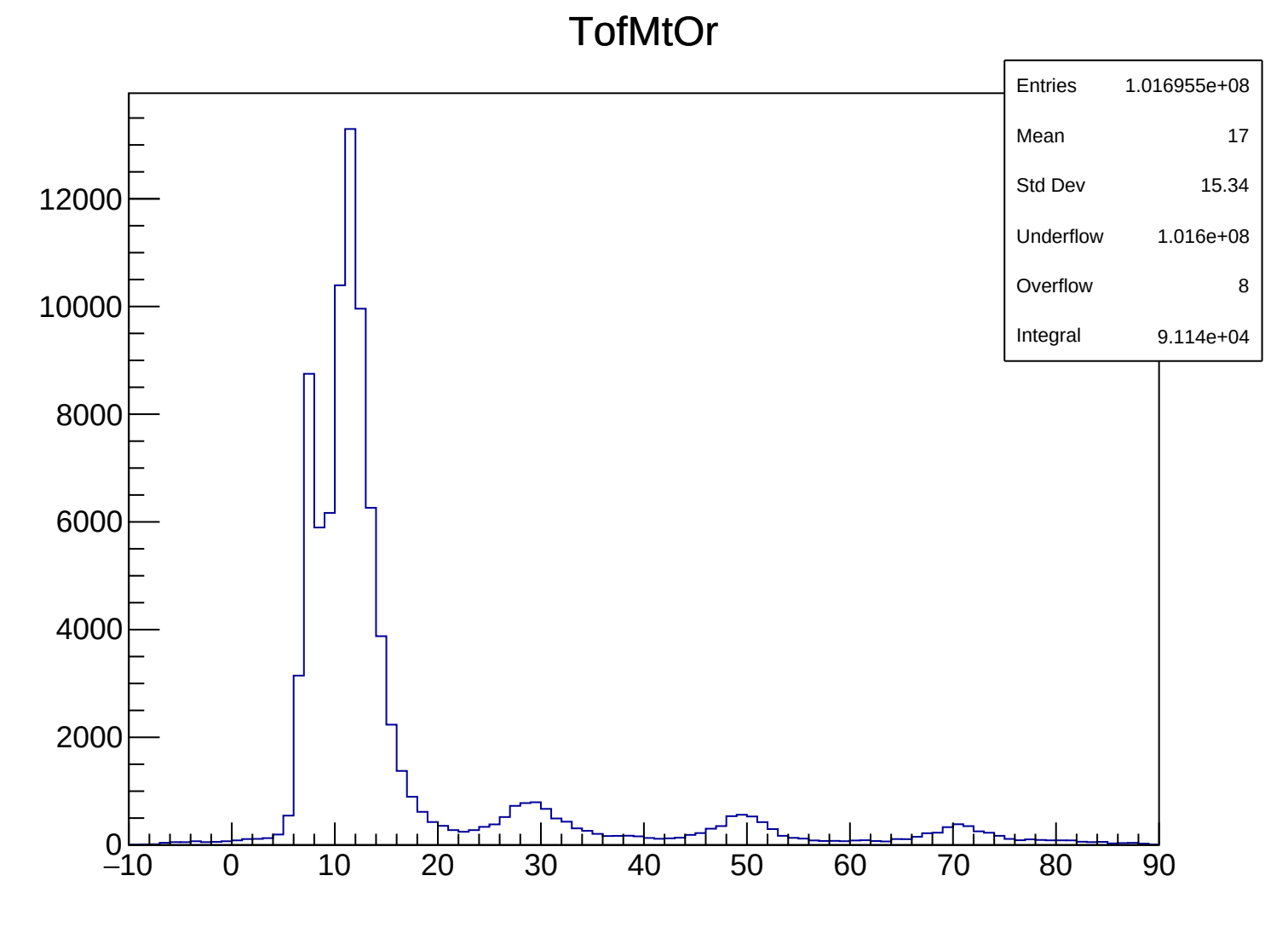

TofMt20
Entries 4237312
Mean 19.82
Std Dev 17.29
Underflow 4.234e+06
Overflow 0
Integral 3519

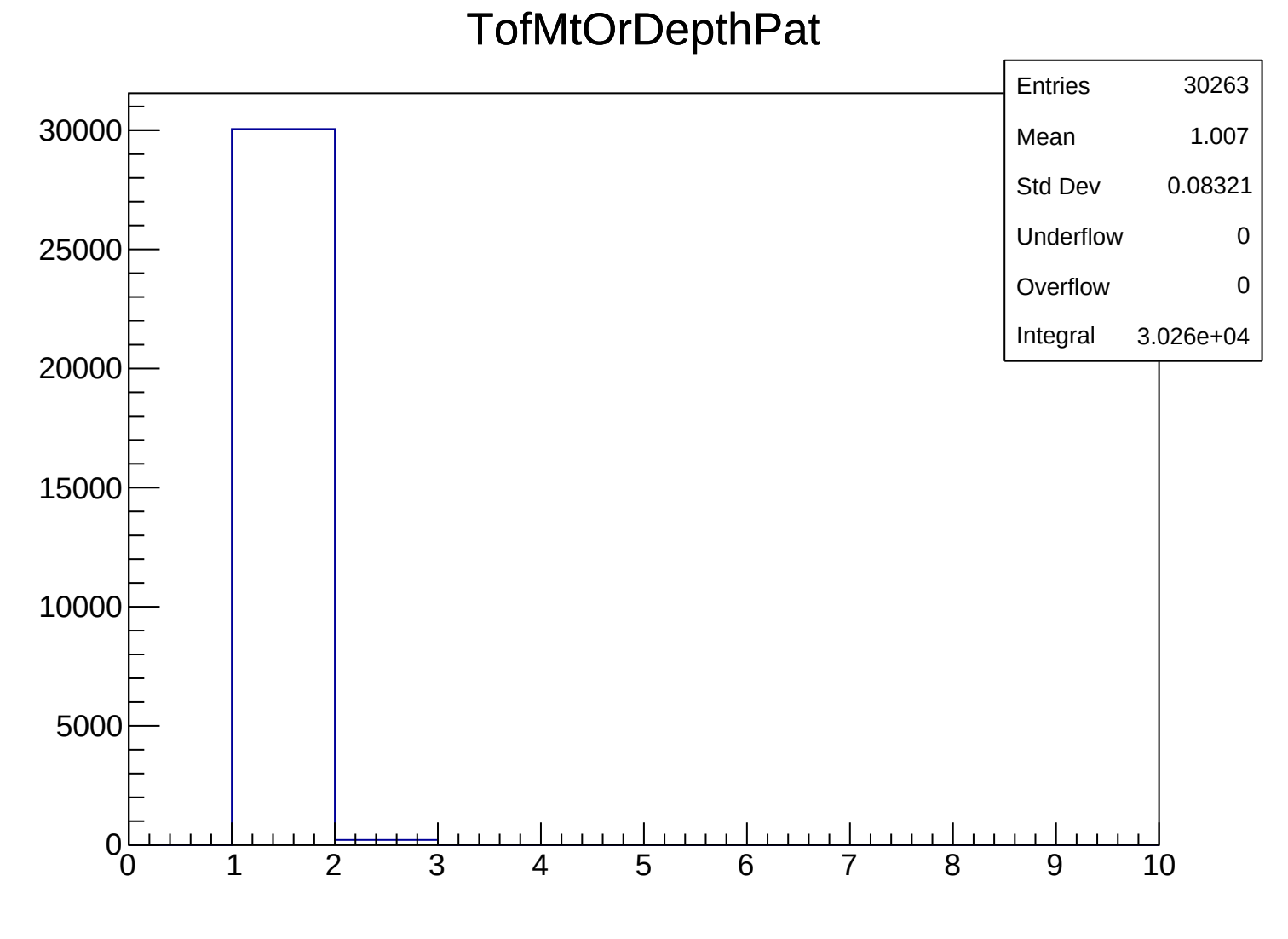

TofMt21
Entries 4237312
Mean 20.47
Std Dev 17.59
Underflow 4.234e+06
Overflow 3
Integral 2874


TofMt22
Entries 4237312
Mean 22.32
Std Dev 19.31
Underflow 4.235e+06
Overflow 0
Integral 2086


TofMt23
Entries 4237312
Mean 24.72
Std Dev 19.87
Underflow 4.236e+06
Overflow 0
Integral 1260


TofMt24
Entries 4237312
Mean 28.15
Std Dev 21.48
Underflow 4.236e+06
Overflow 0
Integral 837


TofMtOr
Entries 1.016955e+08
Mean 17
Std Dev 15.34
Underflow 1.016e+08
Overflow 8
Integral 9.114e+04
12000
10000
8000
6000
4000
2000
0
−10
0
10
20
30
40
50
60
70
80
90


TofMtOrDepthPat
Entries 30263
Mean 1.007
Std Dev 0.08321
Underflow 0
Overflow 0
Integral 3.026e+04
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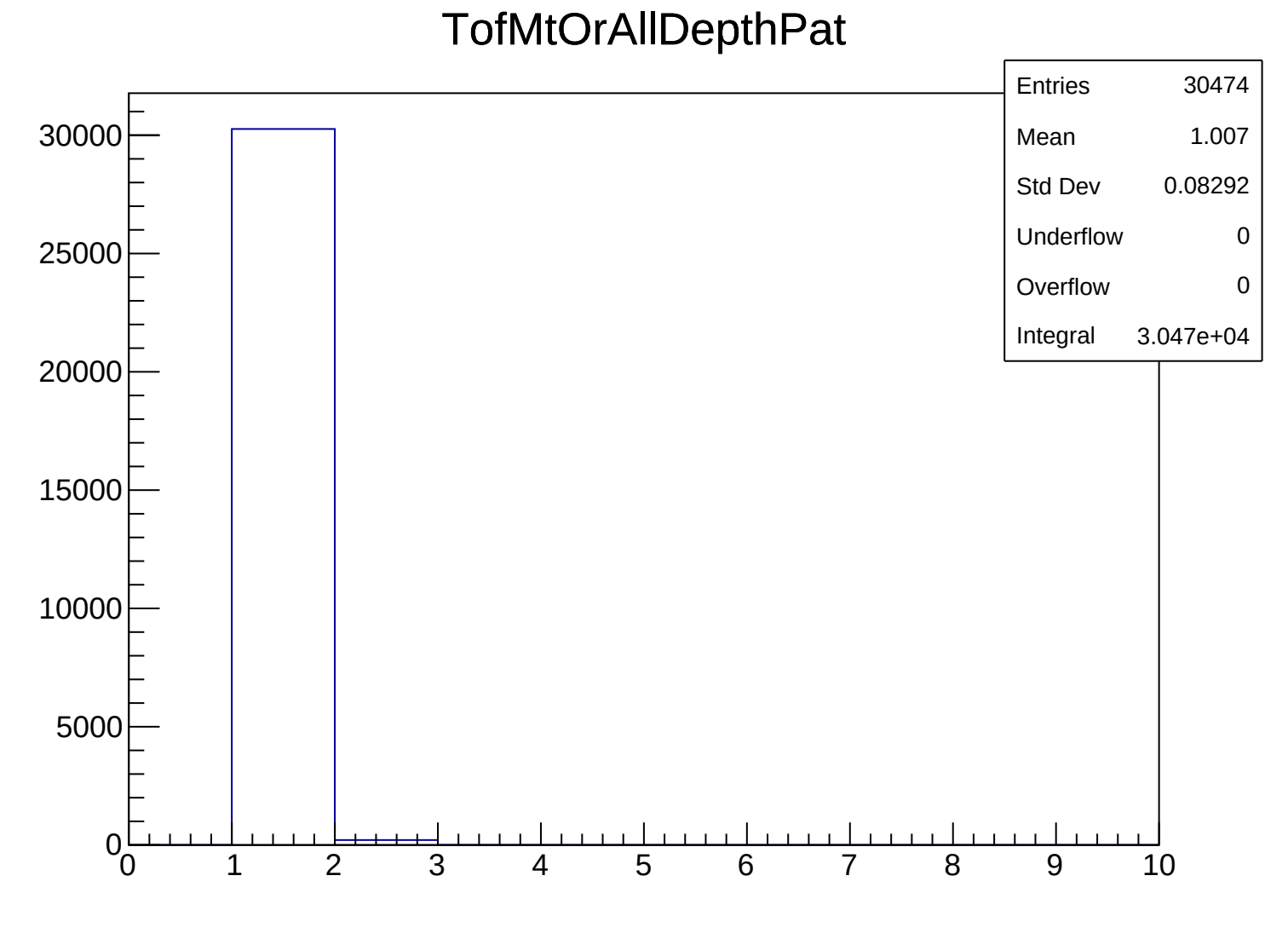
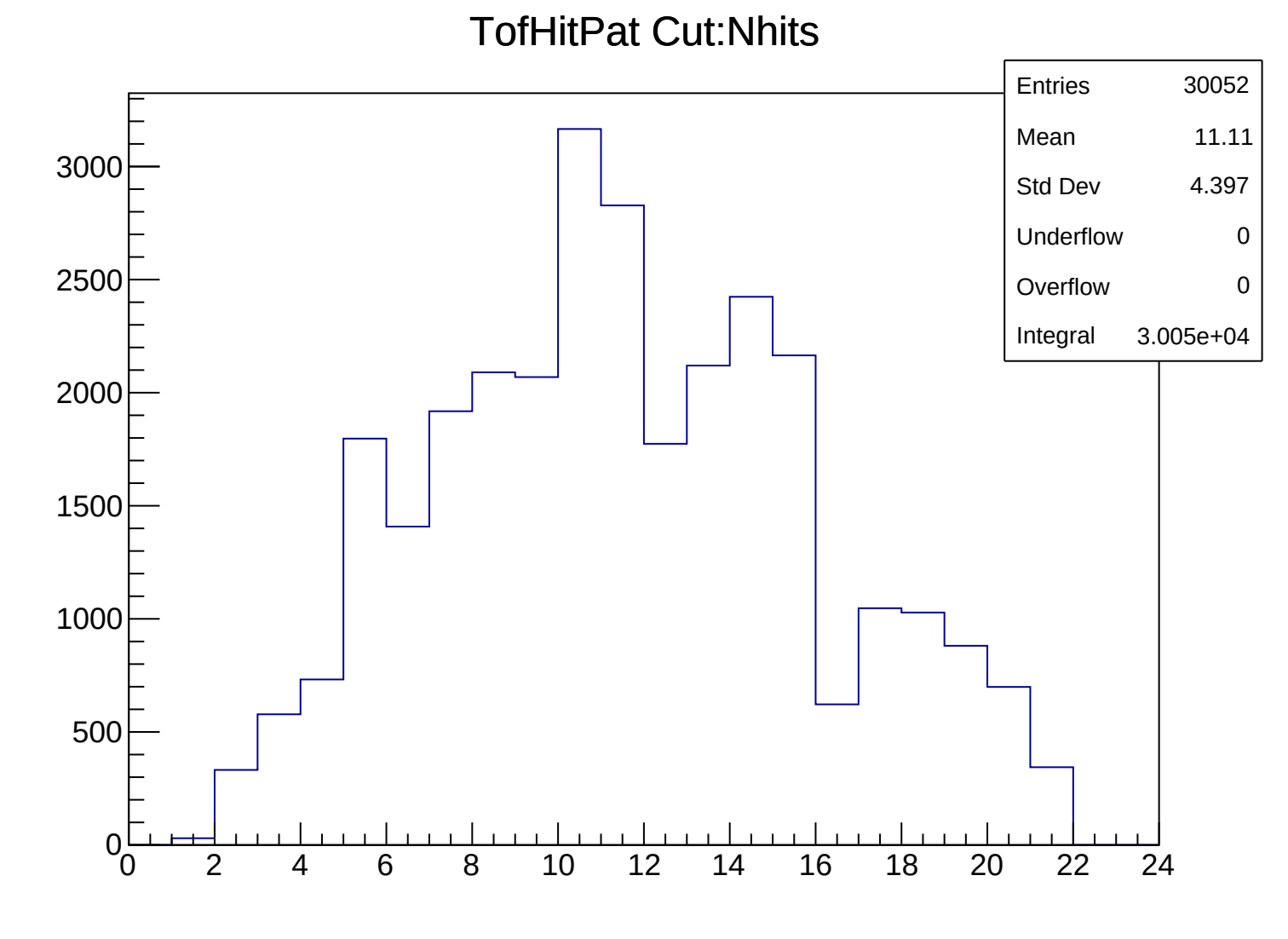
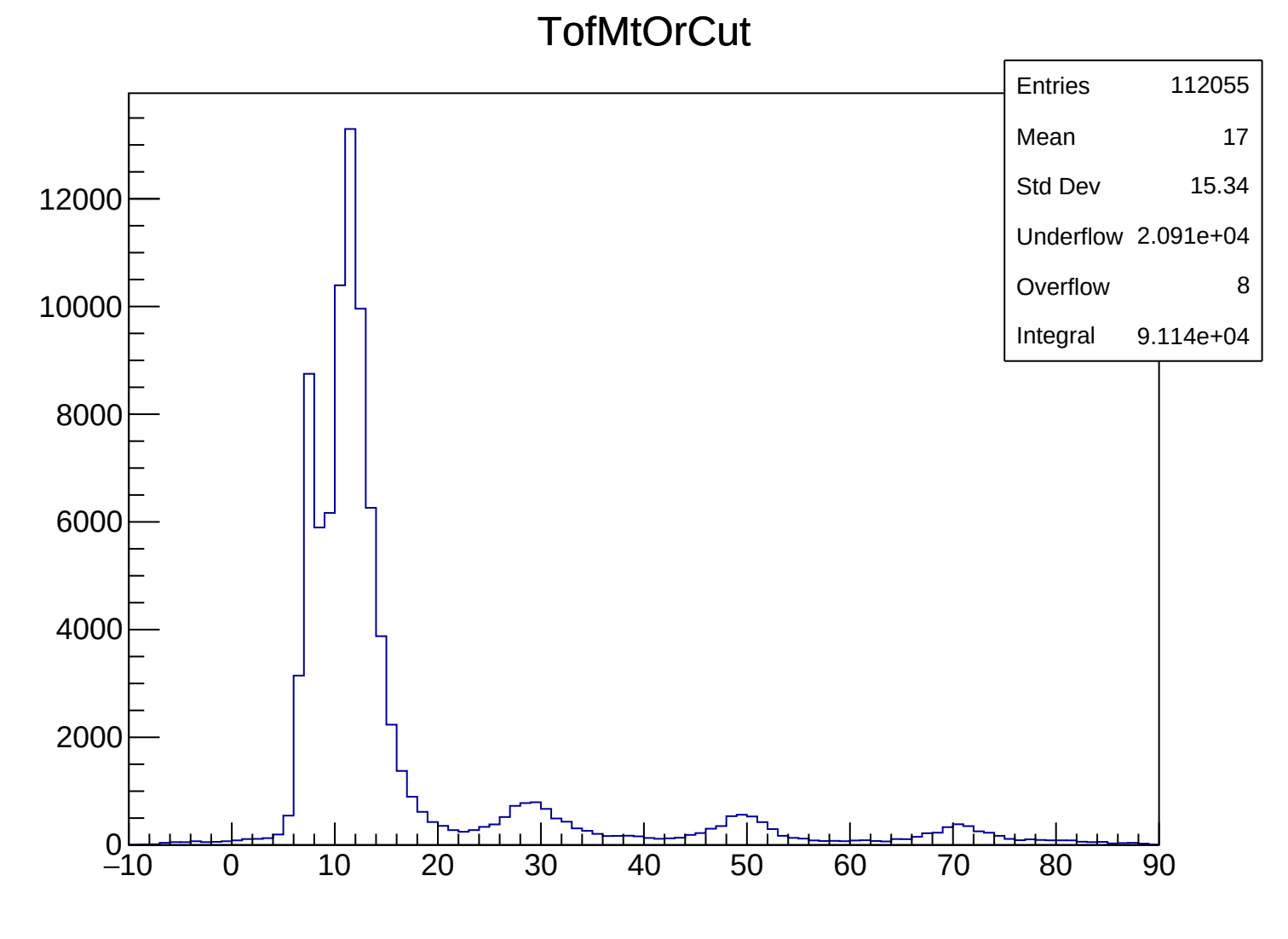
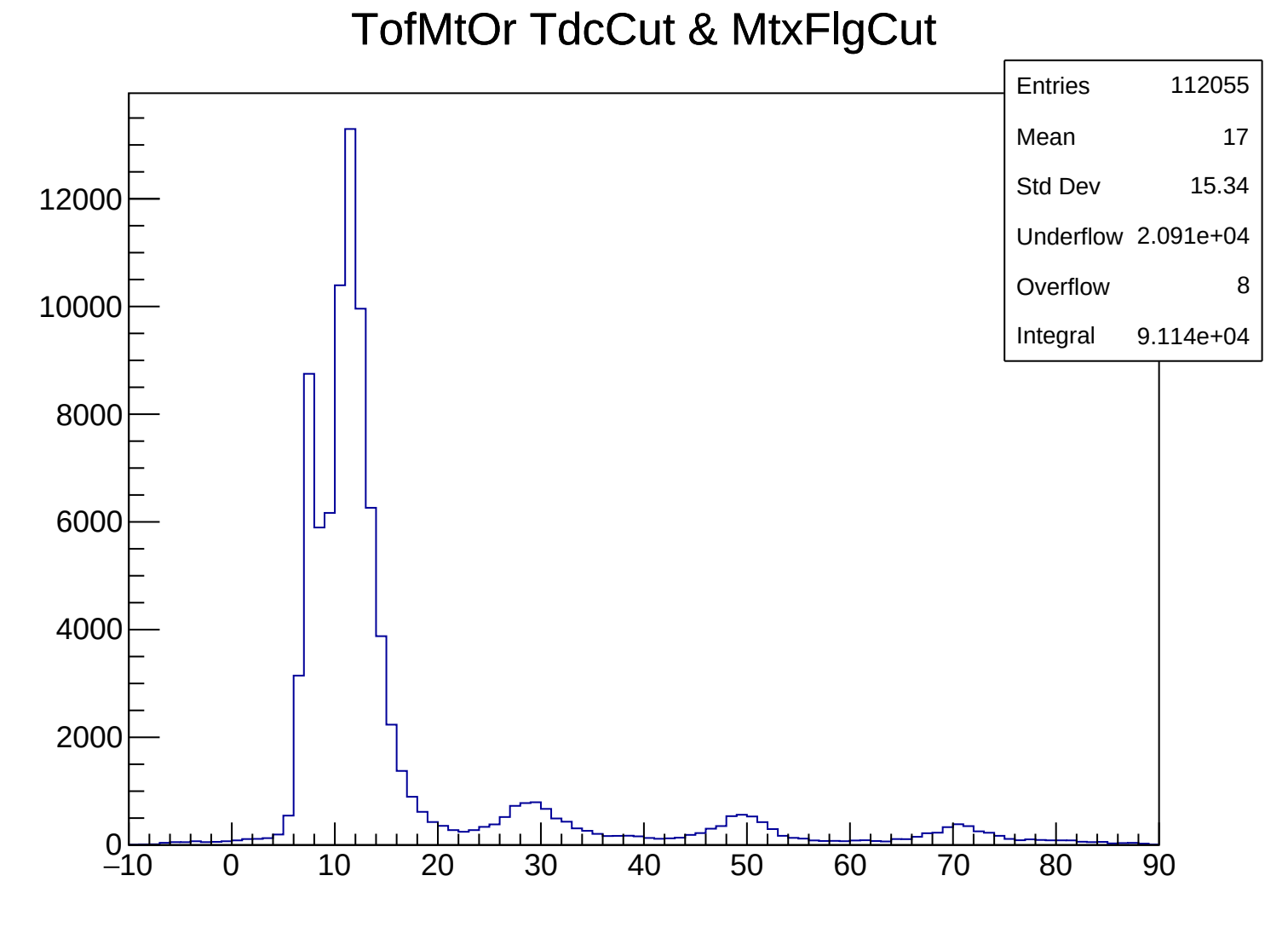
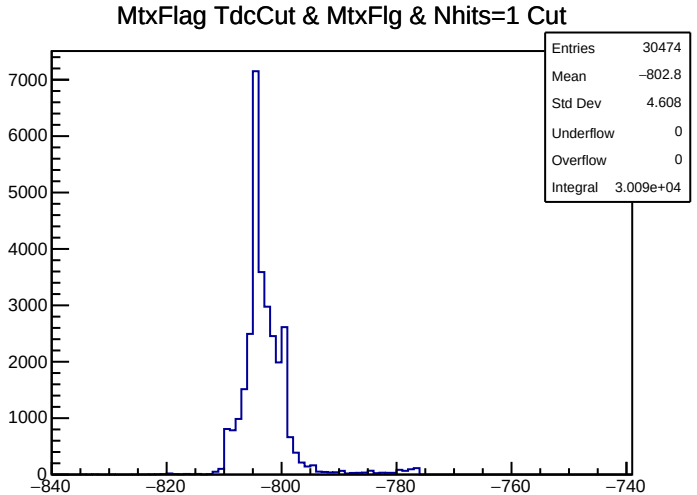
20000
15000
10000
5000
0
0
1
2
3
4
5
6
7
8
9
10

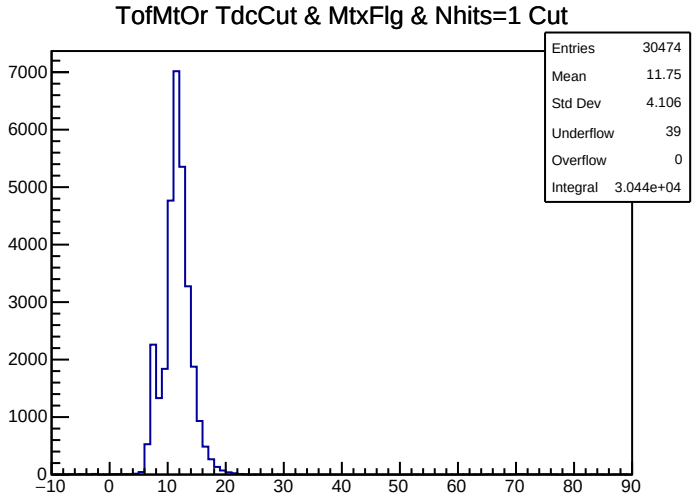

TofMtOrAllDepthPat
Entries 30474
Mean 1.007
Std Dev 0.08292
Underflow 0
Overflow 0
Integral 3.047e+04
30000
25000
20000
15000
10000
5000
0
0
1
2
3
4
5
6
7
8
9
10

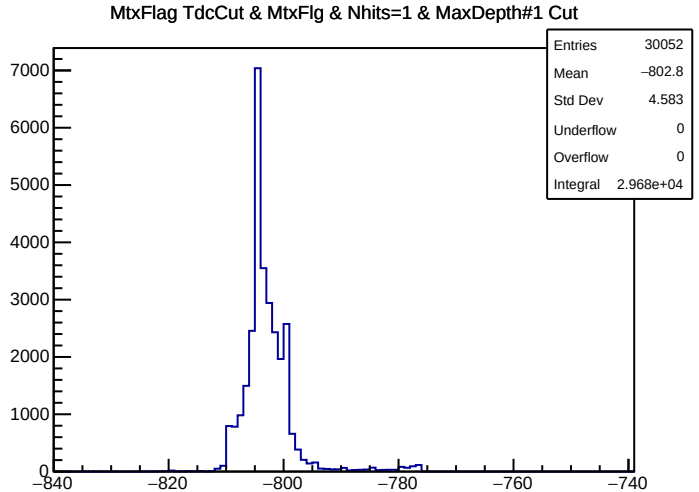

TofHitPat Cut:Nhits
Entries 30052
Mean 11.11
Std Dev 4.397
Underflow 0
Overflow 0
Integral 3.005e+04
3000
2500
2000
1500
1000
500
0
0
2
4
6
8
10
12
14
16
18
20
22
24

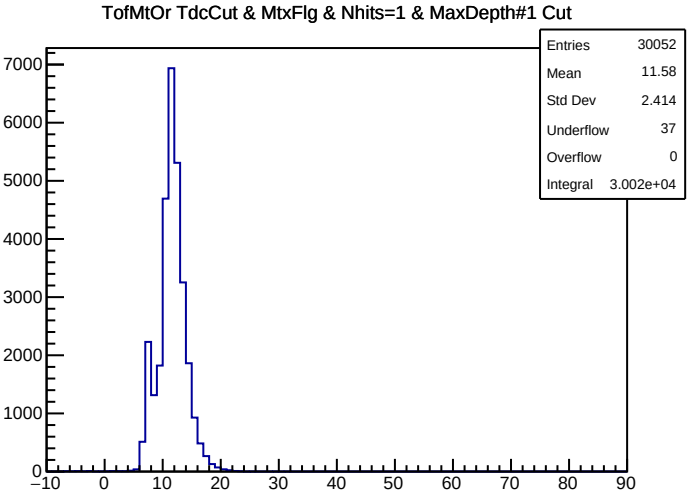

TofMtOrCut
Entries 112055
Mean 17
Std Dev 15.34
Underflow 2.091e+04
Overflow 8
Integral 9.114e+04
12000
10000
8000
6000
4000
2000
0
−10
0
10
20
30
40
50
60
70
80
90

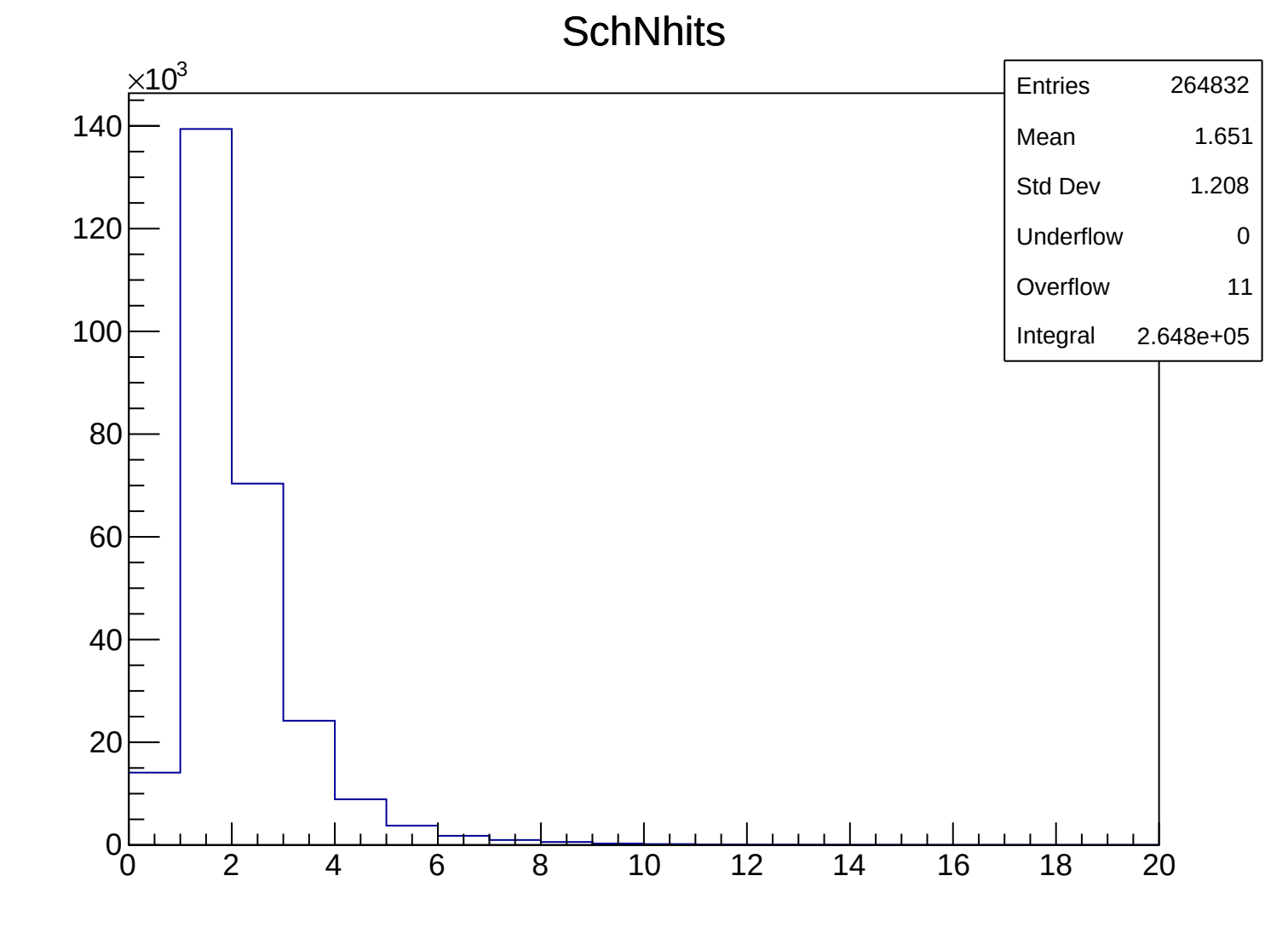

TofMtOr TdcCut & MtxFlgCut
Entries 112055
Mean 17
Std Dev 15.34
Underflow 2.091e+04
Overflow 8
Integral 9.114e+04
12000
10000
8000
6000
4000
2000
0
−10
0
10
20
30
40
50
60
70
80
90

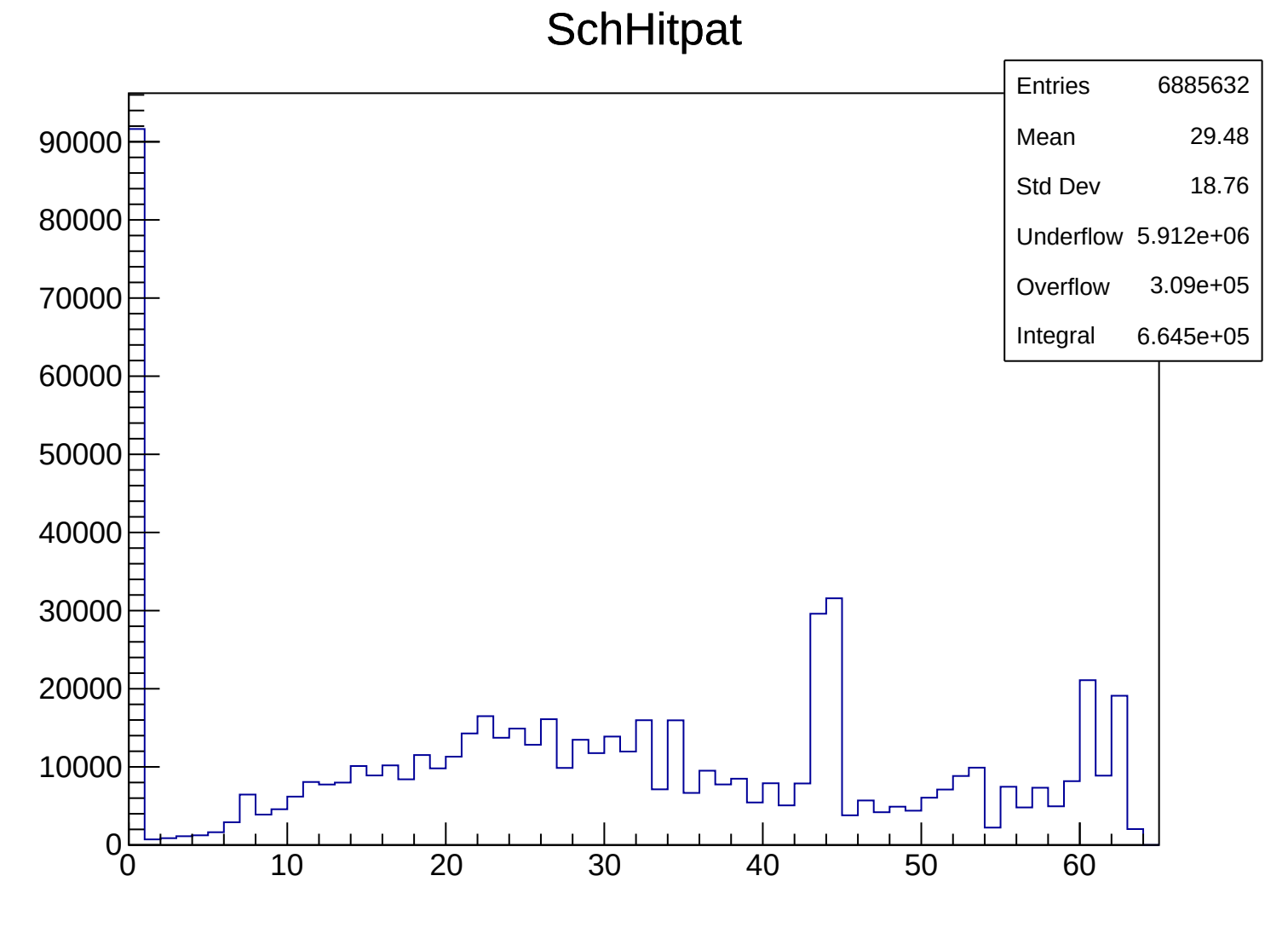

MtxFlag TdcCut & MtxFlg & Nhits=1 Cut
Entries 30474
Mean −802.8
Std Dev 4.608
Underflow 0
Overflow 0
Integral 3.009e+04
7000
6000
5000
4000
3000
2000
1000
0
−840
−820
−800
−780
−760
−740

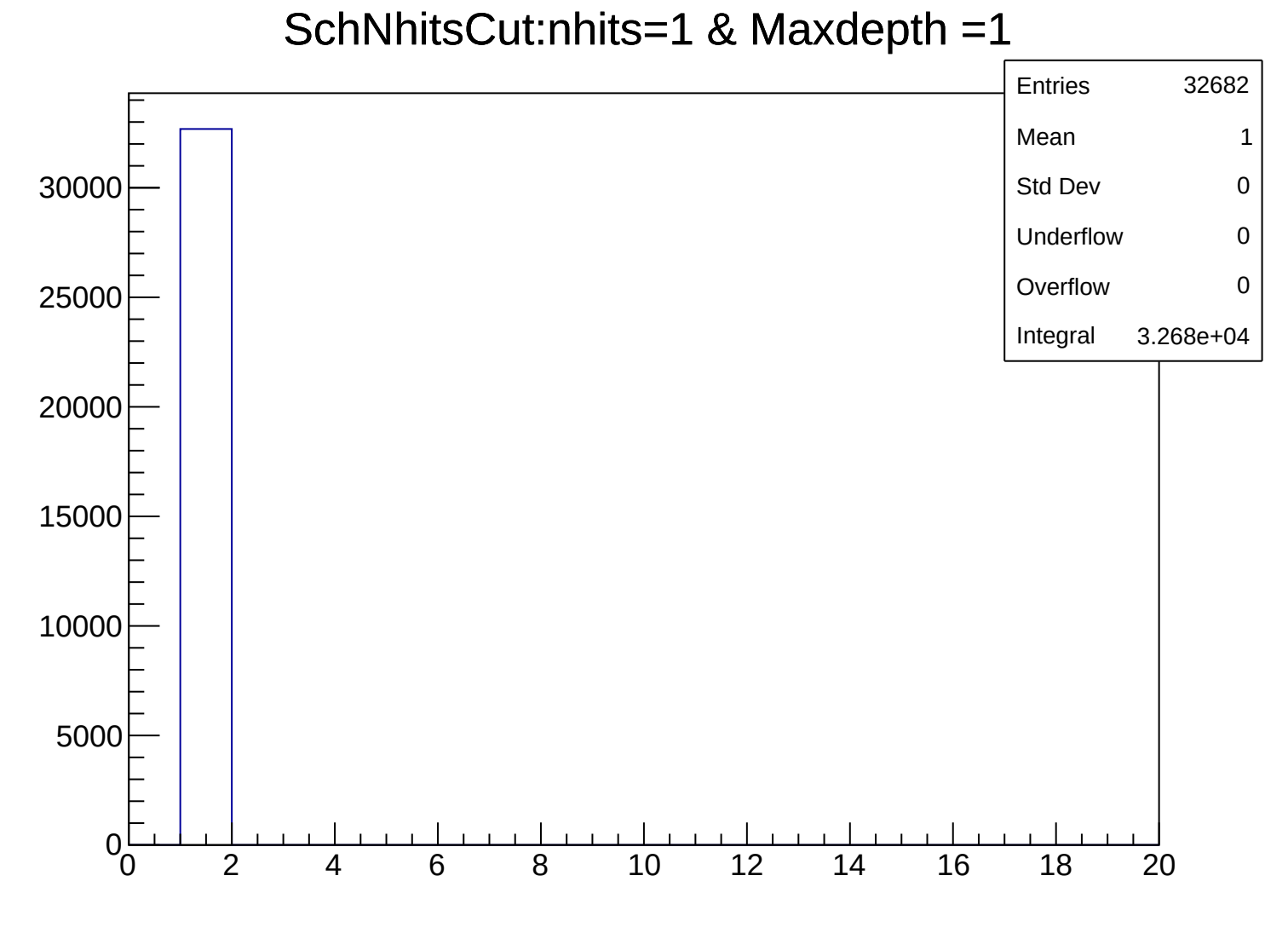

TofMtOr TdcCut & MtxFlg & Nhits=1 Cut
Entries 30474
Mean 11.75
Std Dev 4.106
Underflow 39
Overflow 0
Integral 3.044e+04
7000
6000
5000
4000
3000
2000
1000
0
−10
0
10
20
30
40
50
60
70
80
90

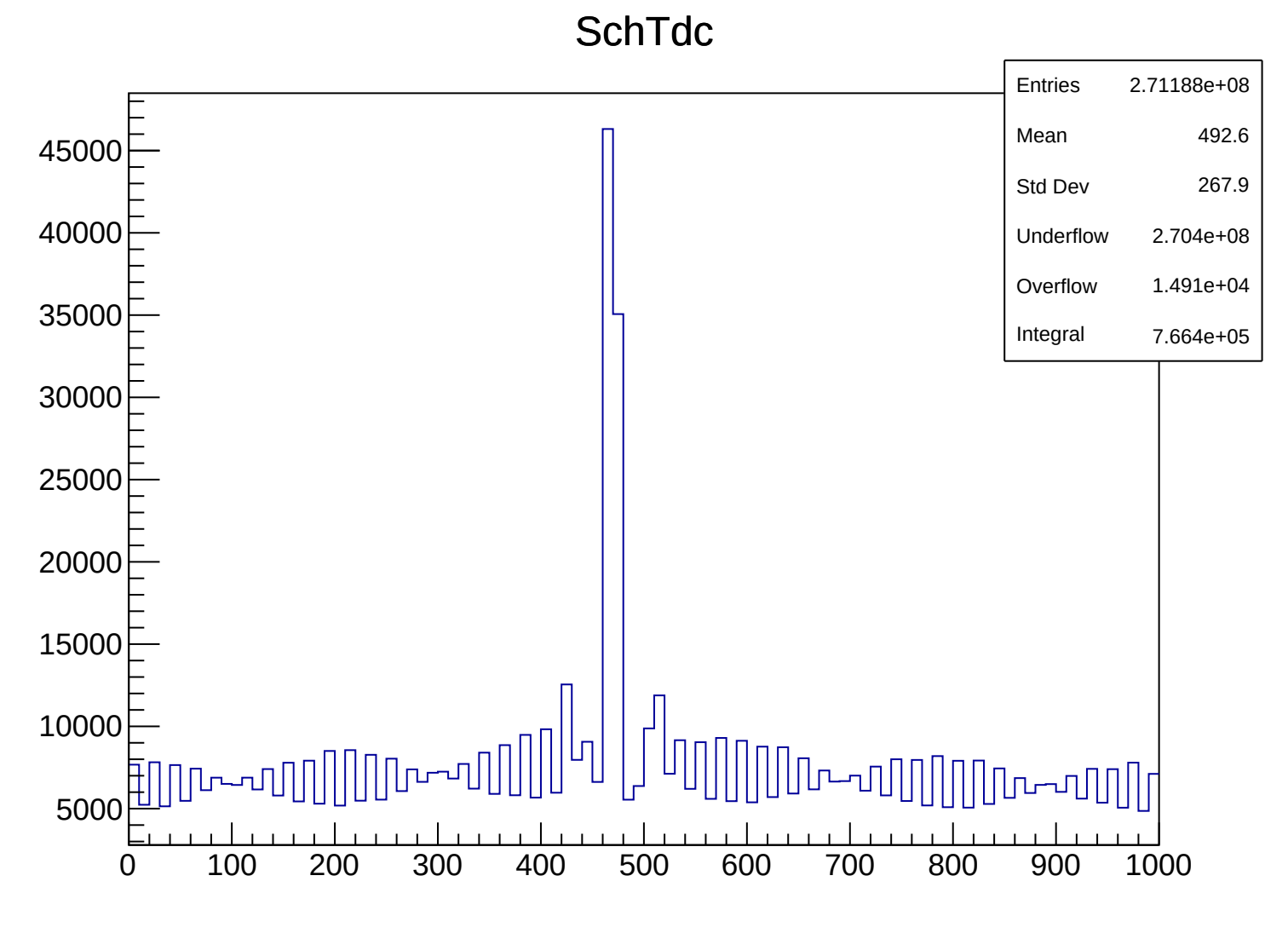

MtxFlag TdcCut & MtxFlg & Nhits=1 & MaxDepth#1 Cut
Entries 30052
Mean −802.8
Std Dev 4.583
Underflow 0
Overflow 0
Integral 2.968e+04
7000
6000
5000
4000
3000
2000
1000
0
−840
−820
−800
−780
−760
−740

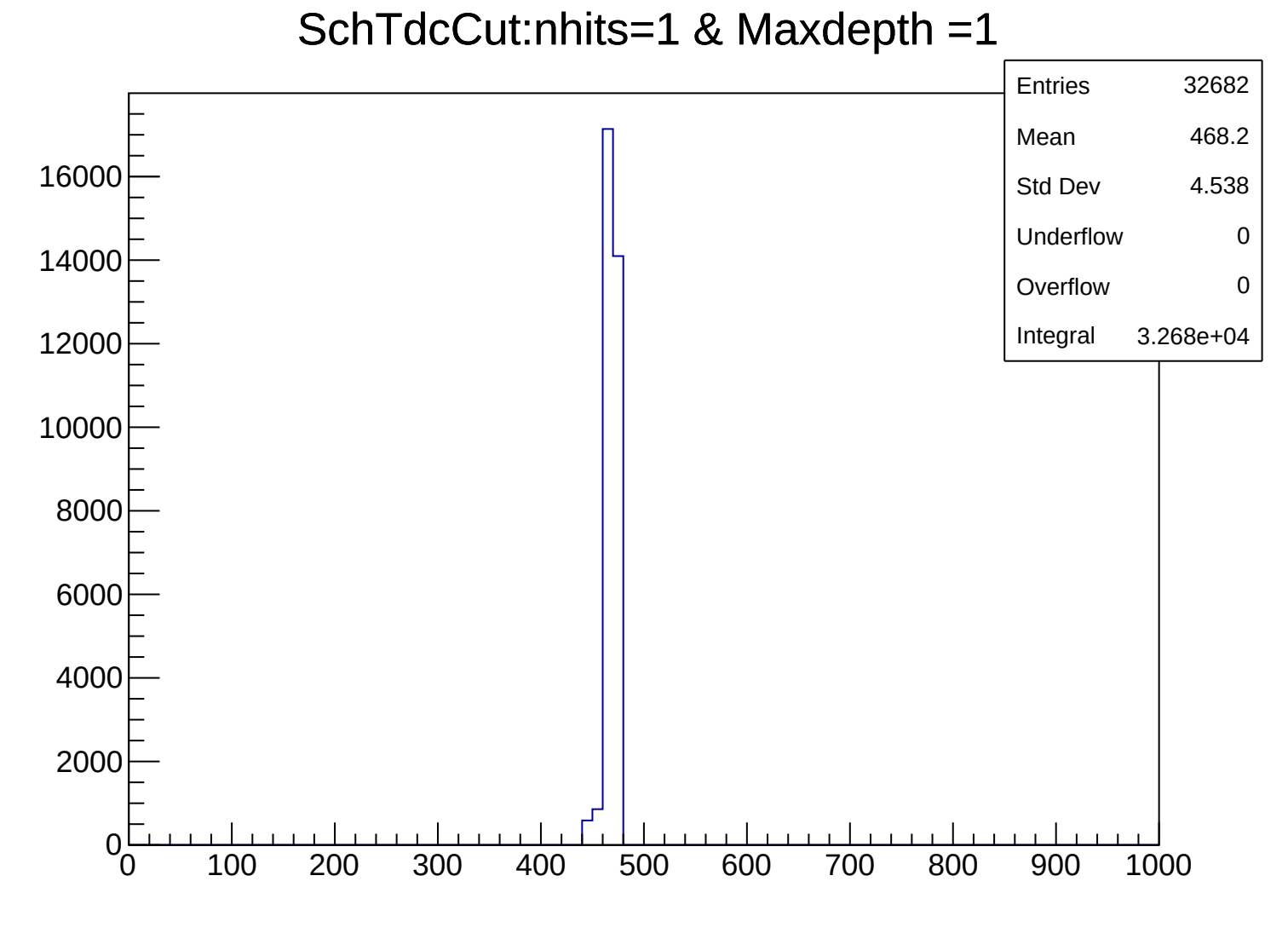

TofMtOr TdcCut & MtxFlg & Nhits=1 & MaxDepth#1 Cut
Entries 30052
Mean 11.58
Std Dev 2.414
Underflow 37
Overflow 0
Integral 3.002e+04
7000
6000
5000
4000
3000
2000
1000
0
−10
0
10
20
30
40
50
60
70
80
90

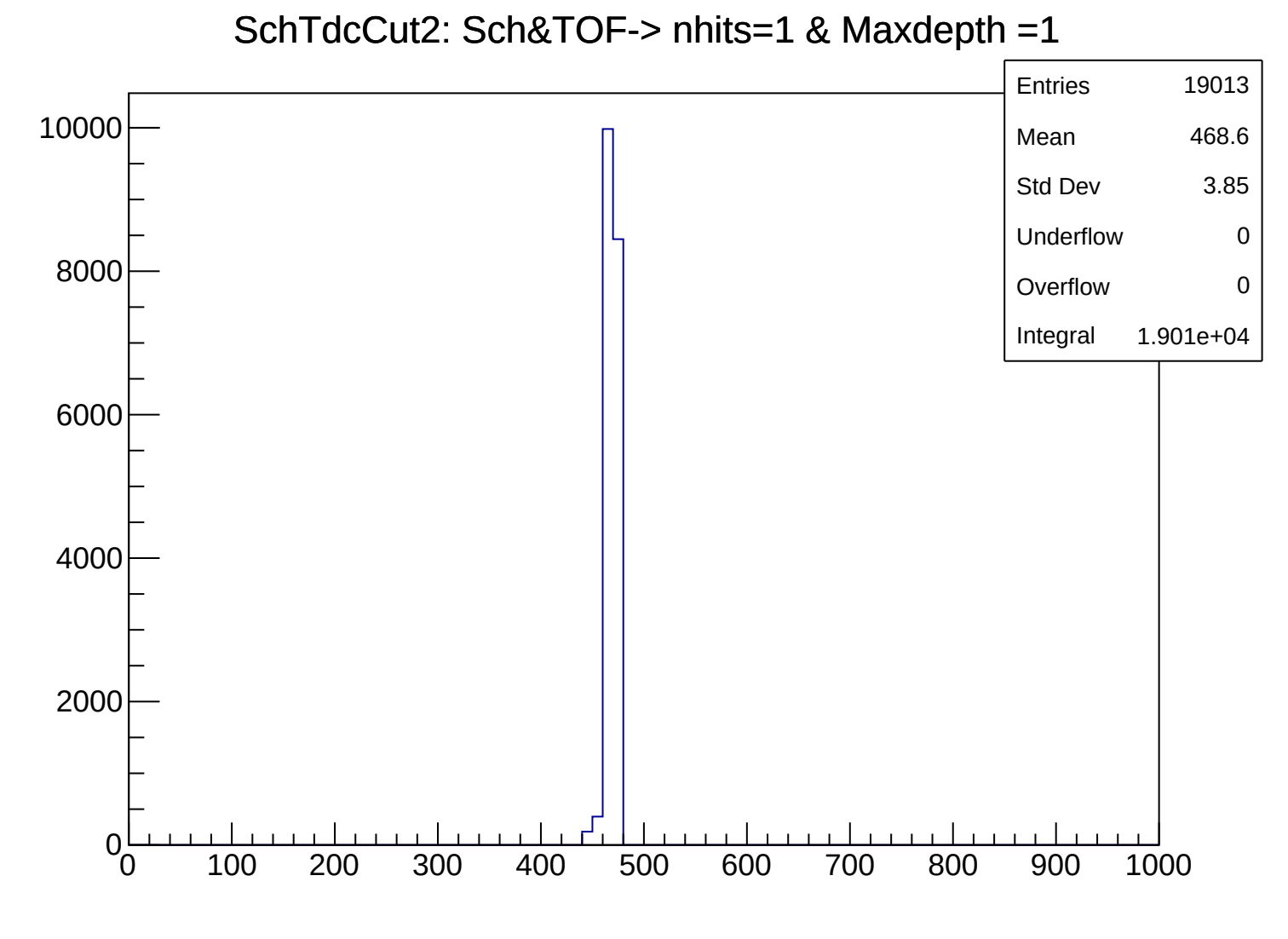

SchNhits
×10^3
140
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
18
20
Entries 264832
Mean 1.651
Std Dev 1.208
Underflow 0
Overflow 11
Integral 2.648e+05

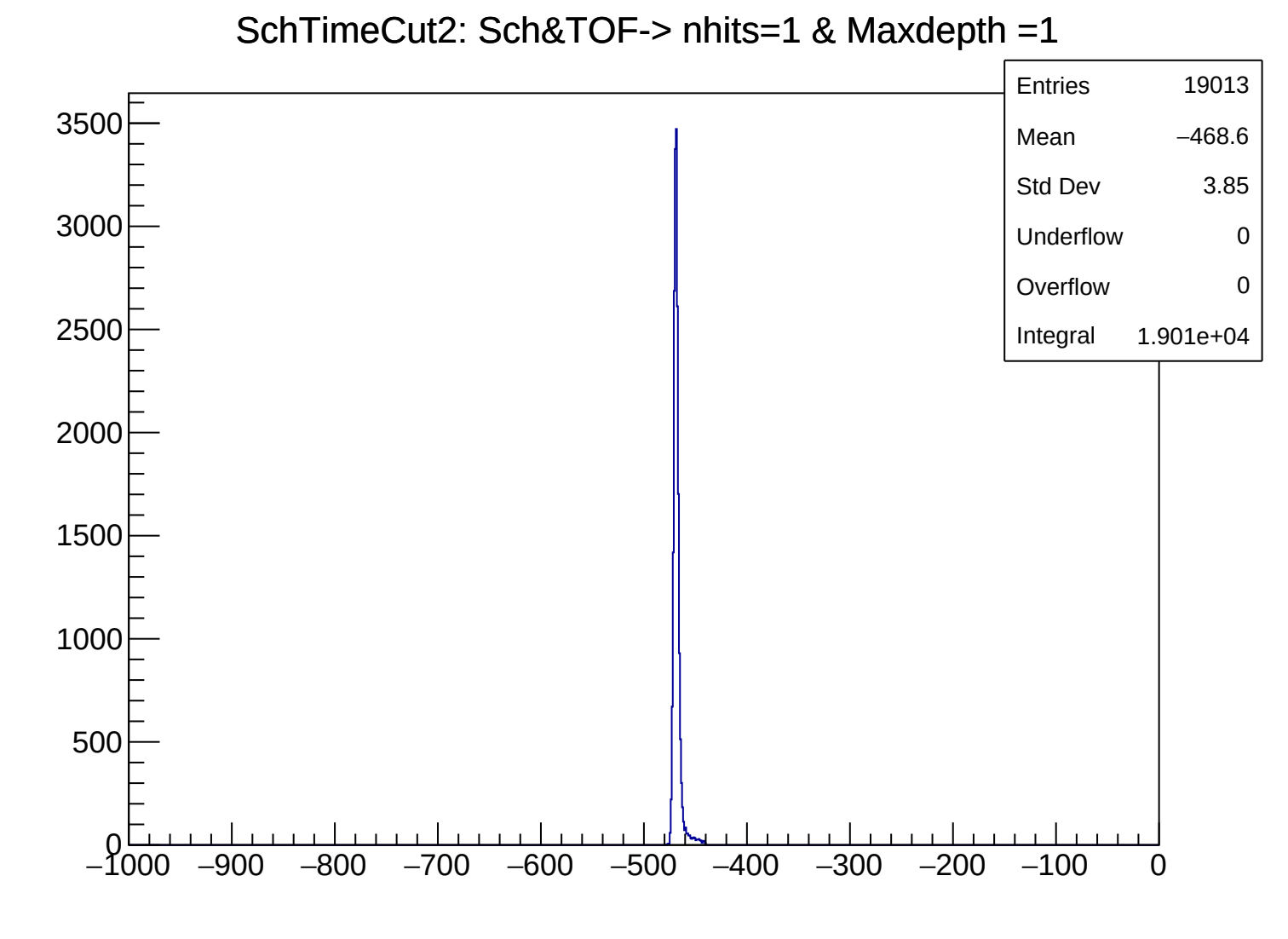

SchHitpat
Entries 6885632
Mean 29.48
Std Dev 18.76
Underflow 5.912e+06
Overflow 3.09e+05
Integral 6.645e+05
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
0
10
20
30
40
50
60

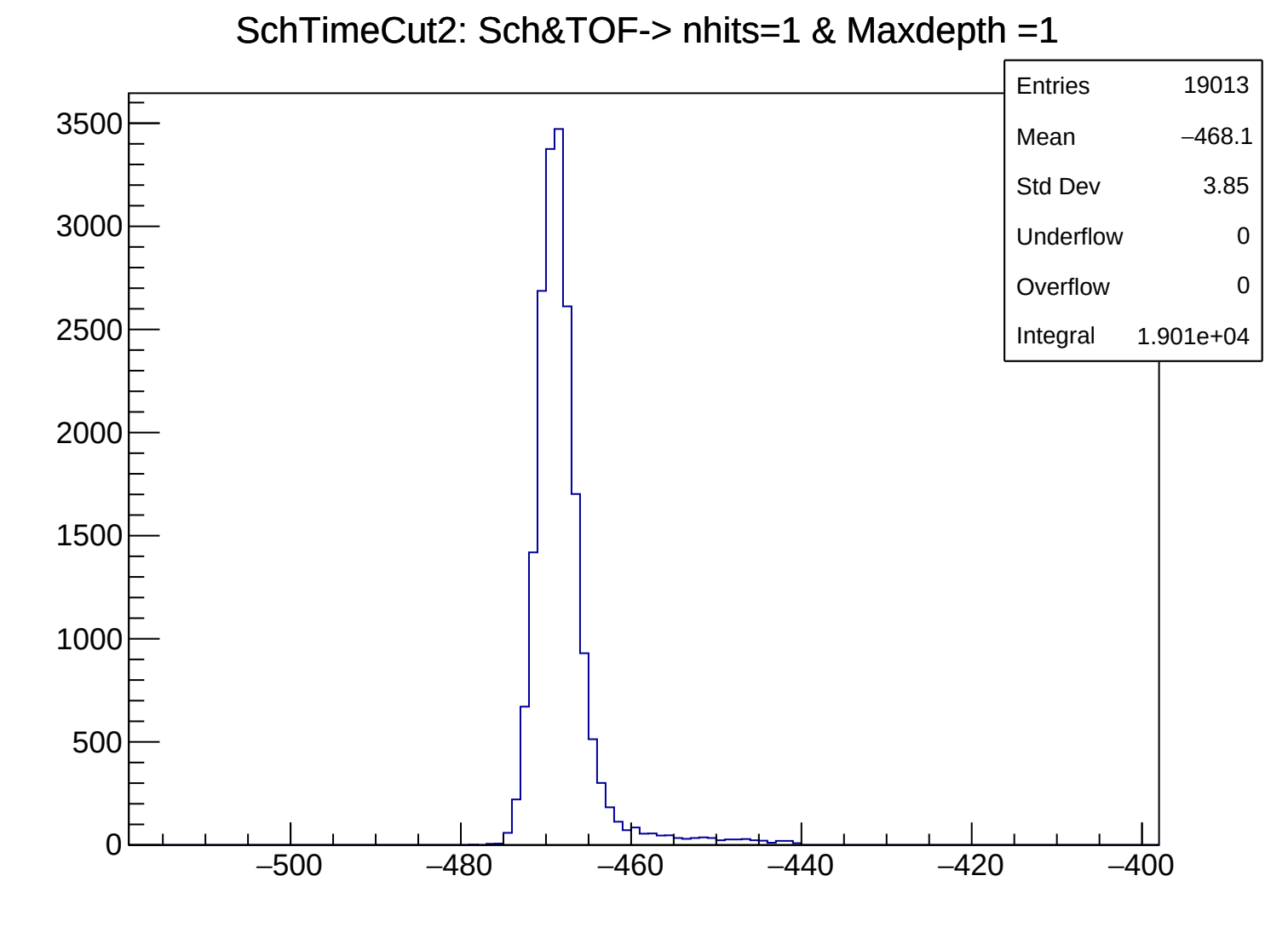

SchNhitsCut:nhits=1 & Maxdepth =1
Entries 32682
Mean 1
Std Dev 0
Underflow 0
Overflow 0
Integral 3.268e+04
30000
25000
20000
15000
10000
5000
0
0
2
4
6
8
10
12
14
16
18
20

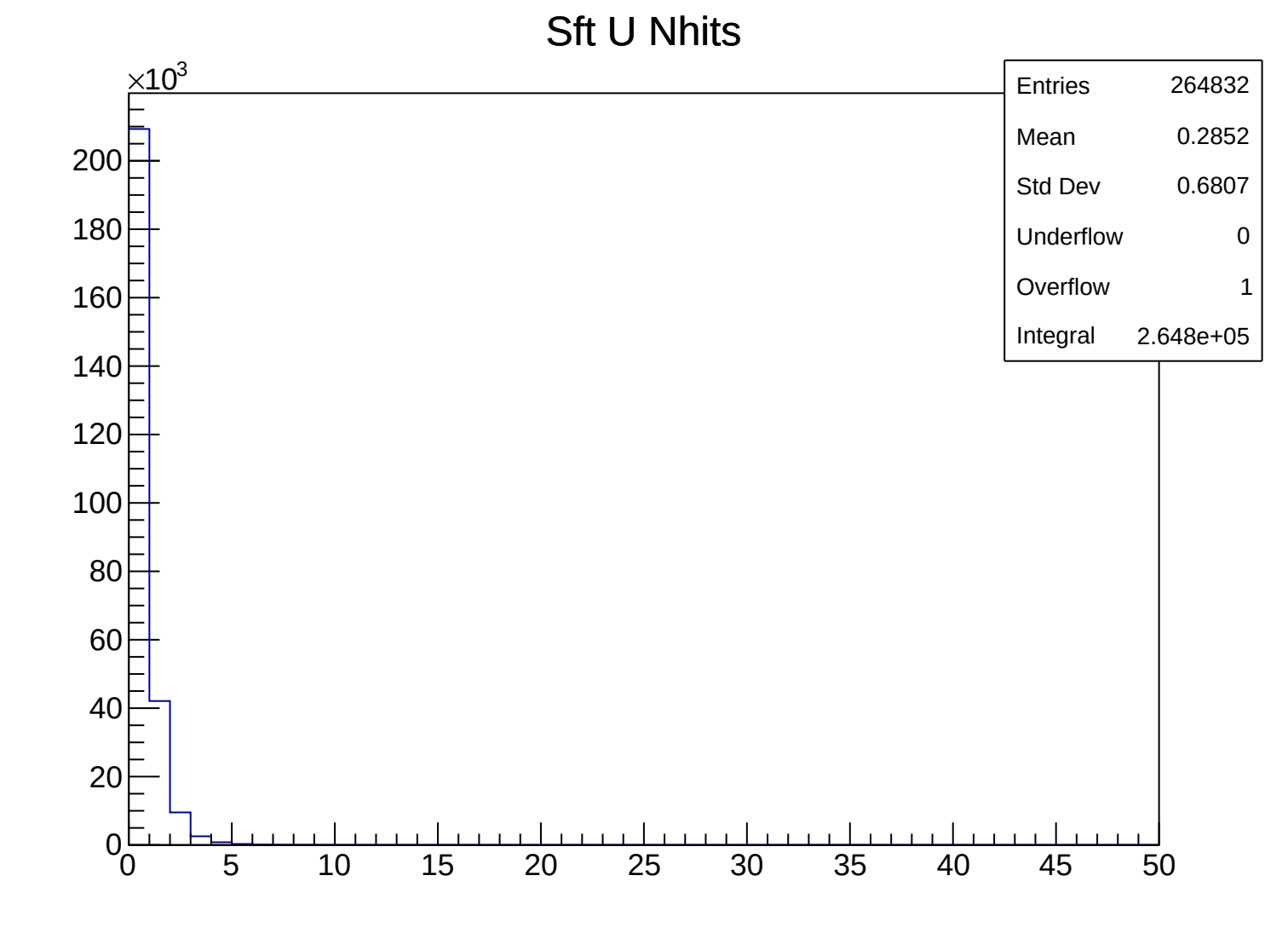

SchTdc
Entries 2.71188e+08
Mean 492.6
Std Dev 267.9
Underflow 2.704e+08
Overflow 1.491e+04
Integral 7.664e+05
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
100
200
300
400
500
600
700
800
900
1000

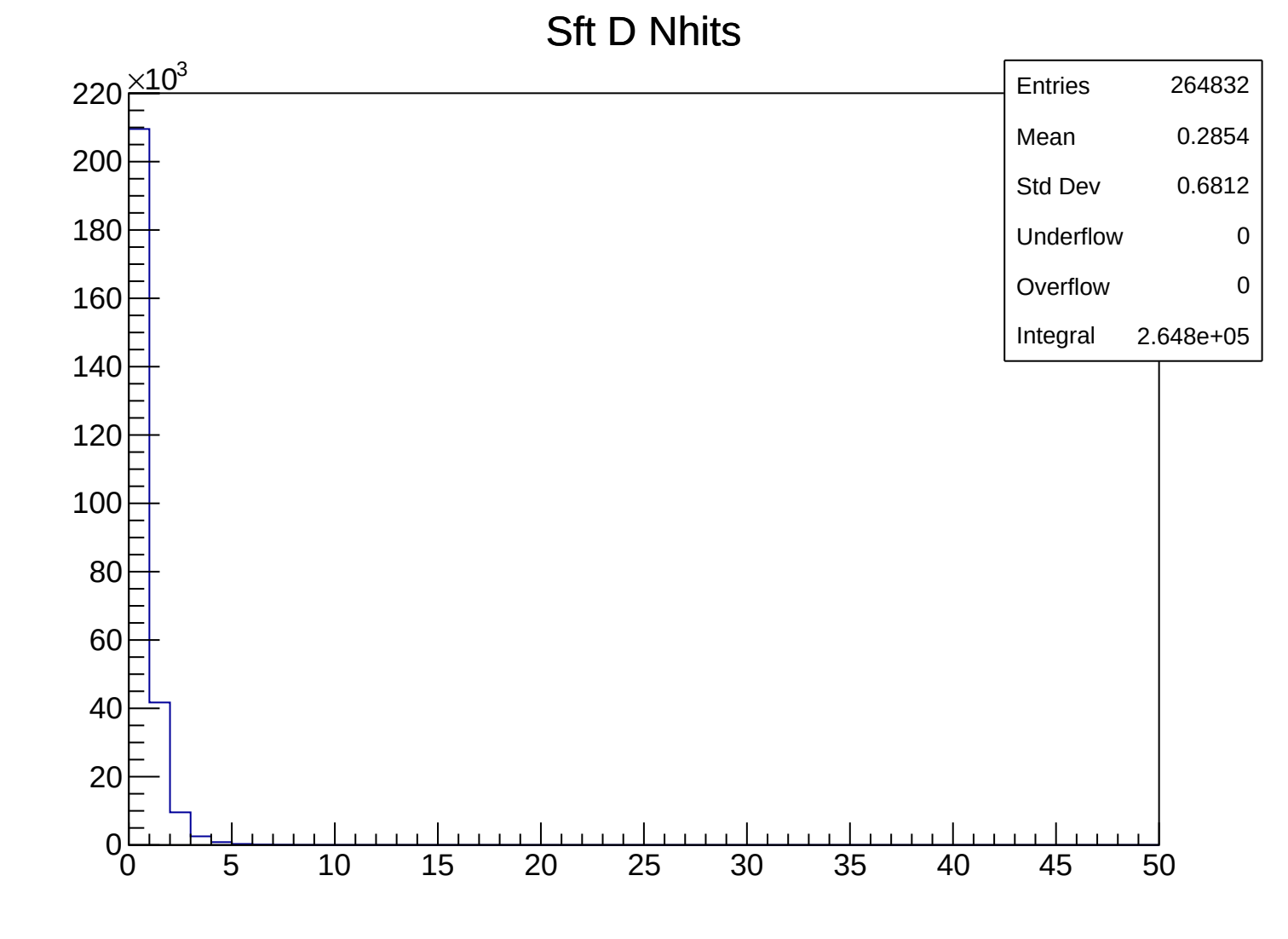

SchTdcCut:nhits=1 & Maxdepth =1
Entries 32682
Mean 468.2
Std Dev 4.538
Underflow 0
Overflow 0
Integral 3.268e+04
16000
14000
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
600
700
800
900
1000

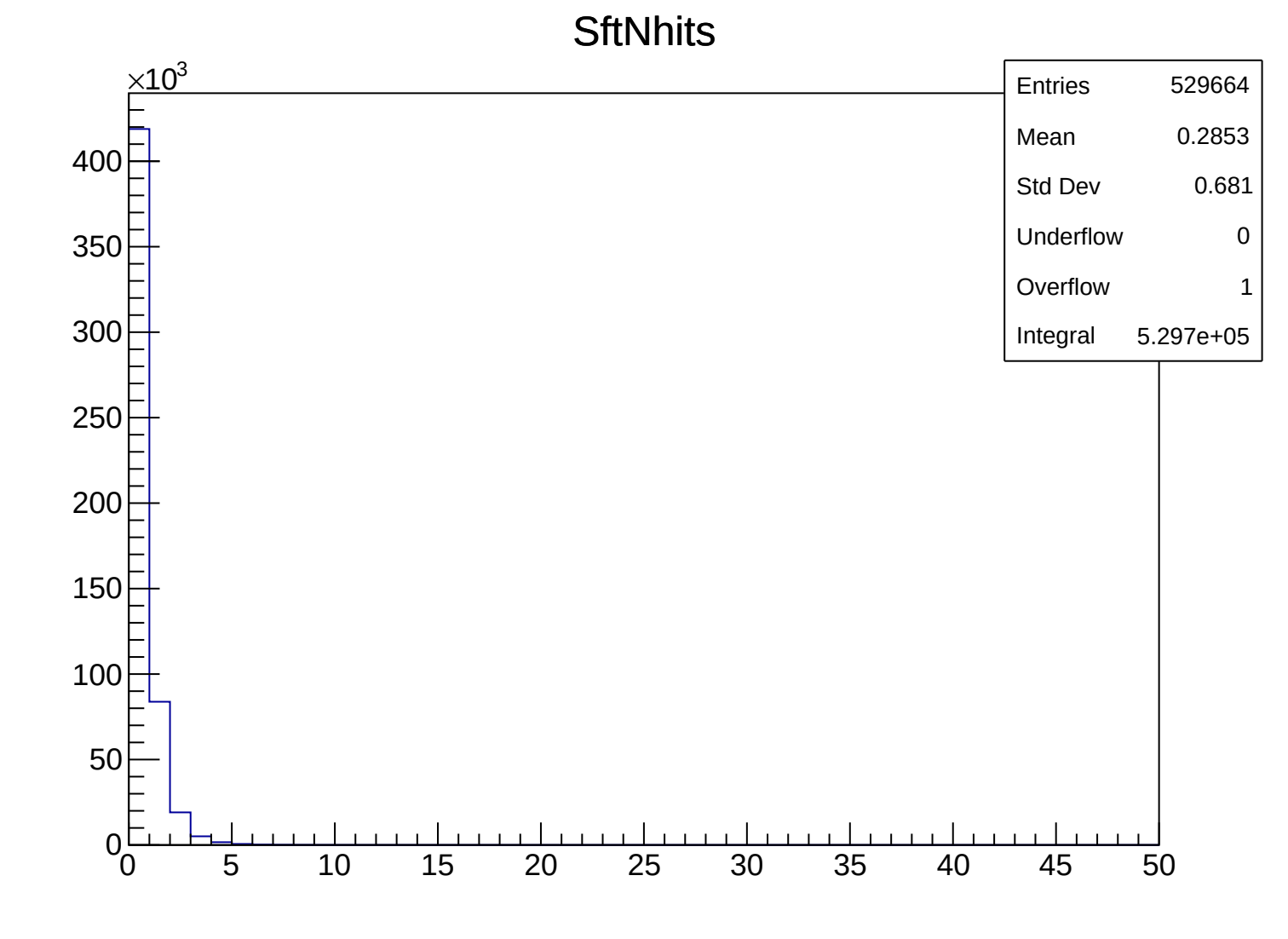

SchTdcCut2: Sch&TOF-> nhits=1 & Maxdepth =1
Entries 19013
Mean 468.6
Std Dev 3.85
Underflow 0
Overflow 0
Integral 1.901e+04
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
600
700
800
900
1000


SchTimeCut2: Sch&TOF-> nhits=1 & Maxdepth =1
Entries 19013
Mean −468.6
Std Dev 3.85
Underflow 0
Overflow 0
Integral 1.901e+04
3500
3000
2500
2000
1500
1000
500
0
−1000
−900
−800
−700
−600
−500
−400
−300
−200
−100
0

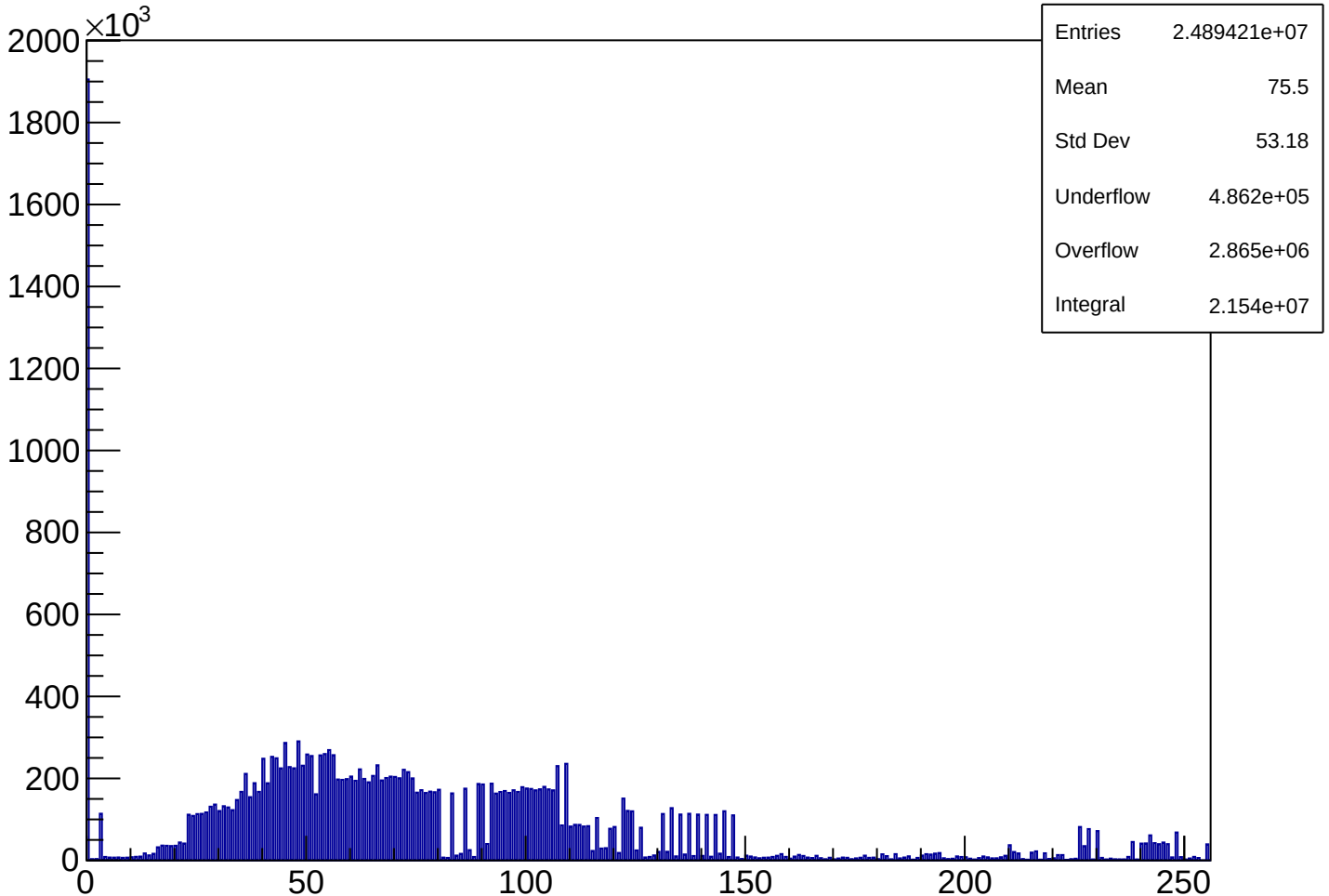

SchTimeCut2: Sch&TOF-> nhits=1 & Maxdepth =1
Entries 19013
Mean –468.1
Std Dev 3.85
Underflow 0
Overflow 0
Integral 1.901e+04
3500
3000
2500
2000
1500
1000
500
0
–500
–480
–460
–440
–420
–400

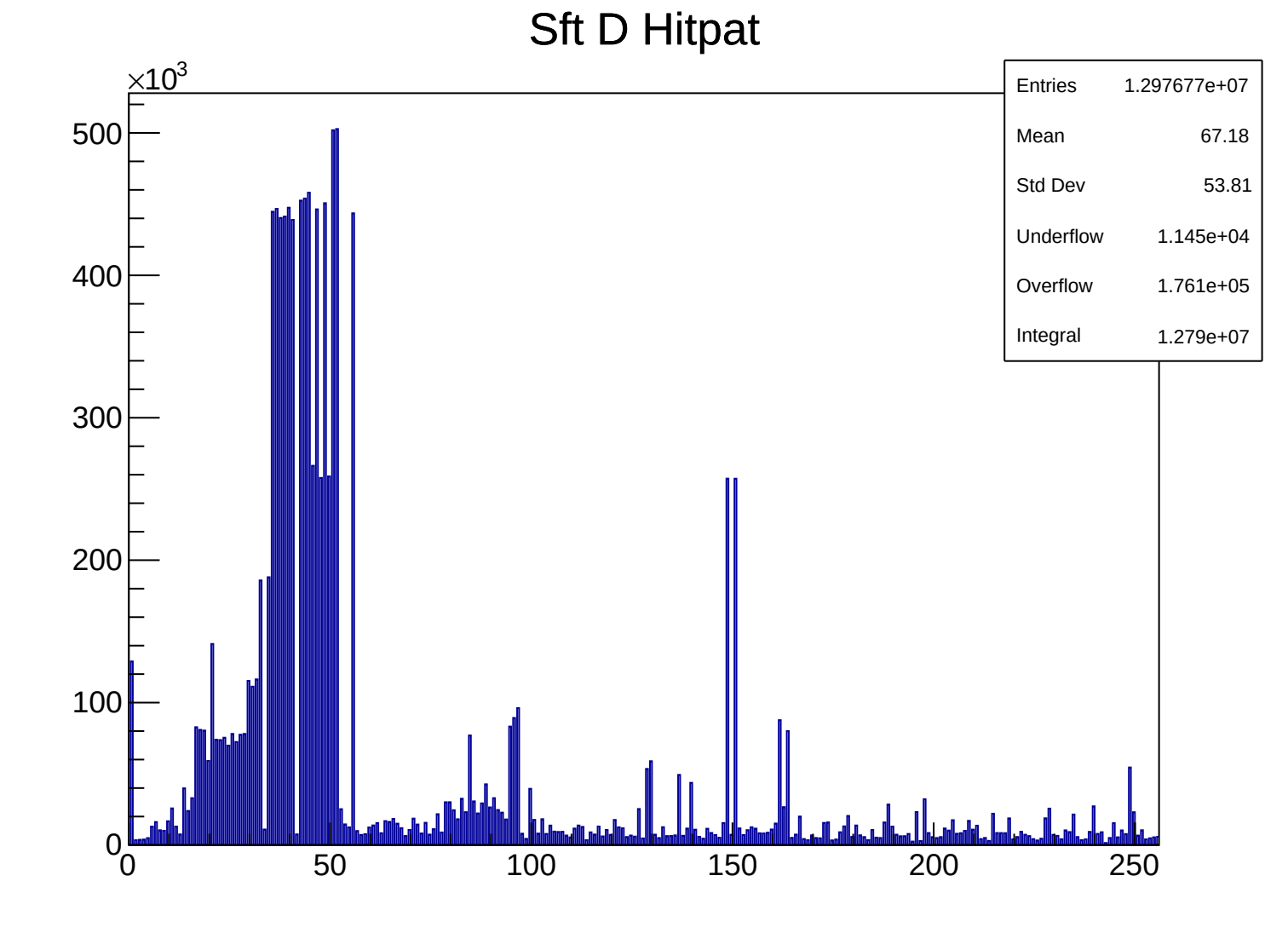

Sft U Nhits
×10^3
200
180
160
140
120
100
80
60
40
20
0
0
5
10
15
20
25
30
35
40
45
50
Entries 264832
Mean 0.2852
Std Dev 0.6807
Underflow 0
Overflow 1
Integral 2.648e+05

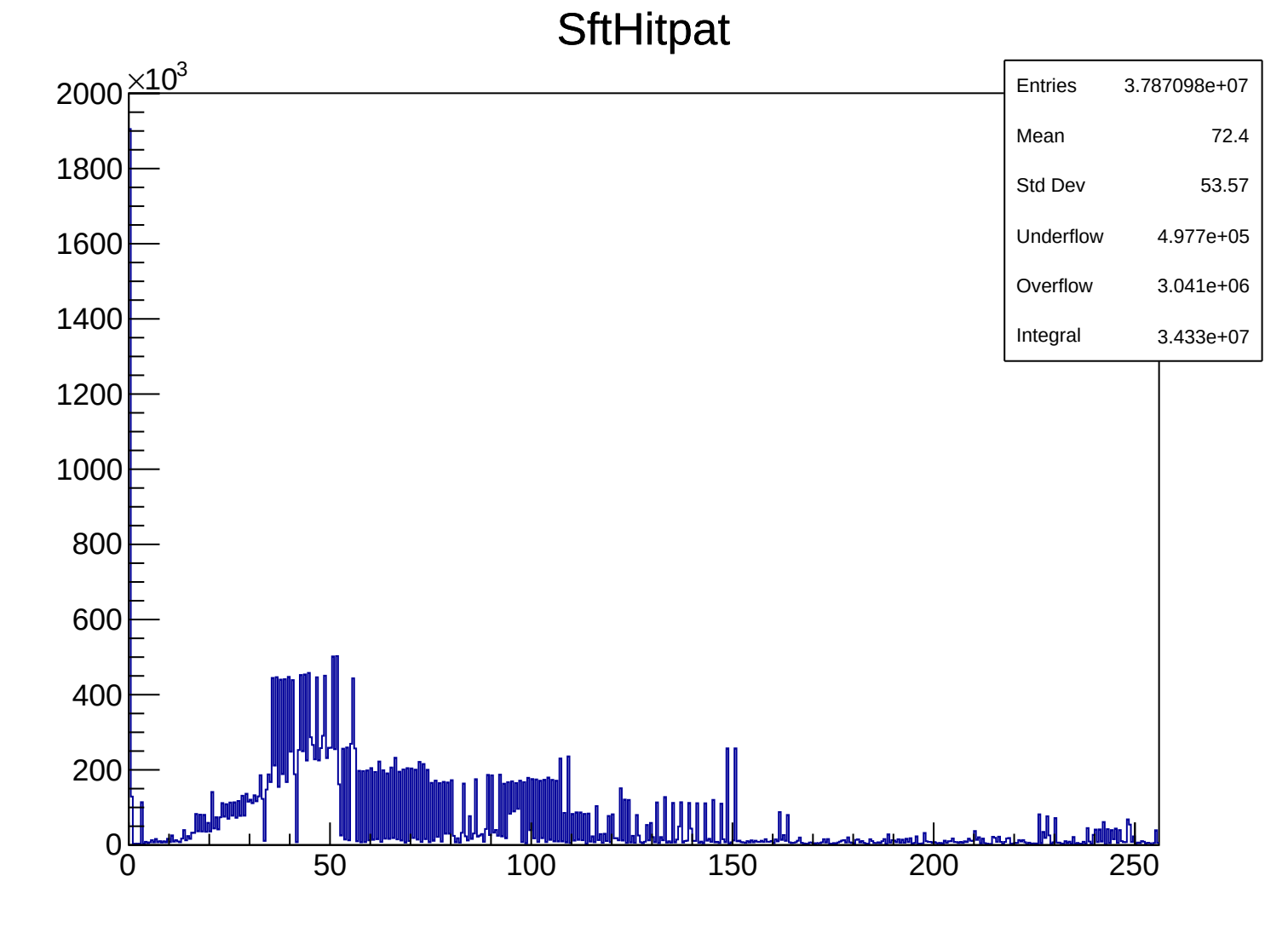

Sft D Nhits
×10^3
220
200
180
160
140
120
100
80
60
40
20
0
0
5
10
15
20
25
30
35
40
45
50
Entries 264832
Mean 0.2854
Std Dev 0.6812
Underflow 0
Overflow 0
Integral 2.648e+05

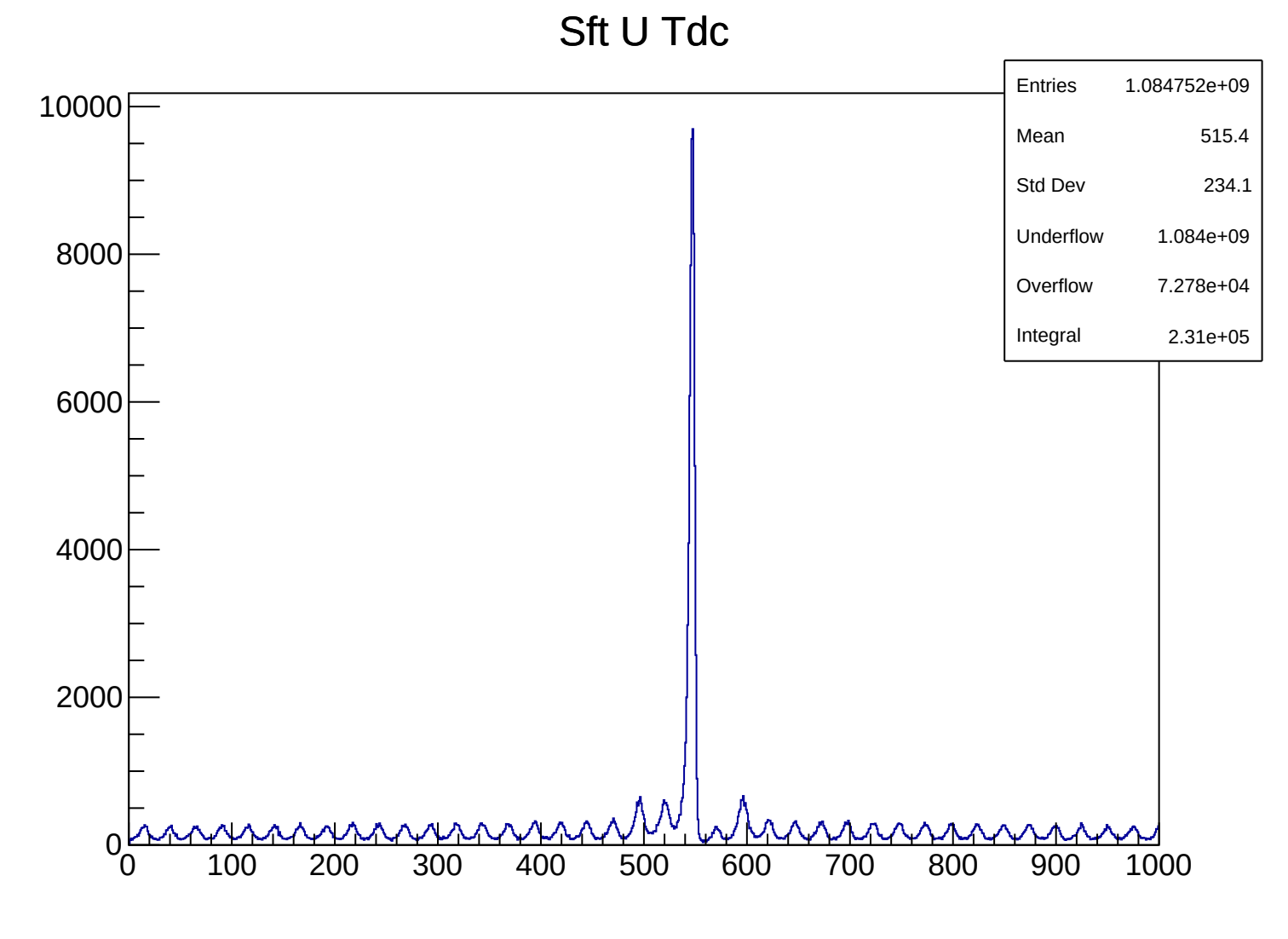

SftNhits
×10^3
400
350
300
250
200
150
100
50
0
0
5
10
15
20
25
30
35
40
45
50
Entries 529664
Mean 0.2853
Std Dev 0.681
Underflow 0
Overflow 1
Integral 5.297e+05

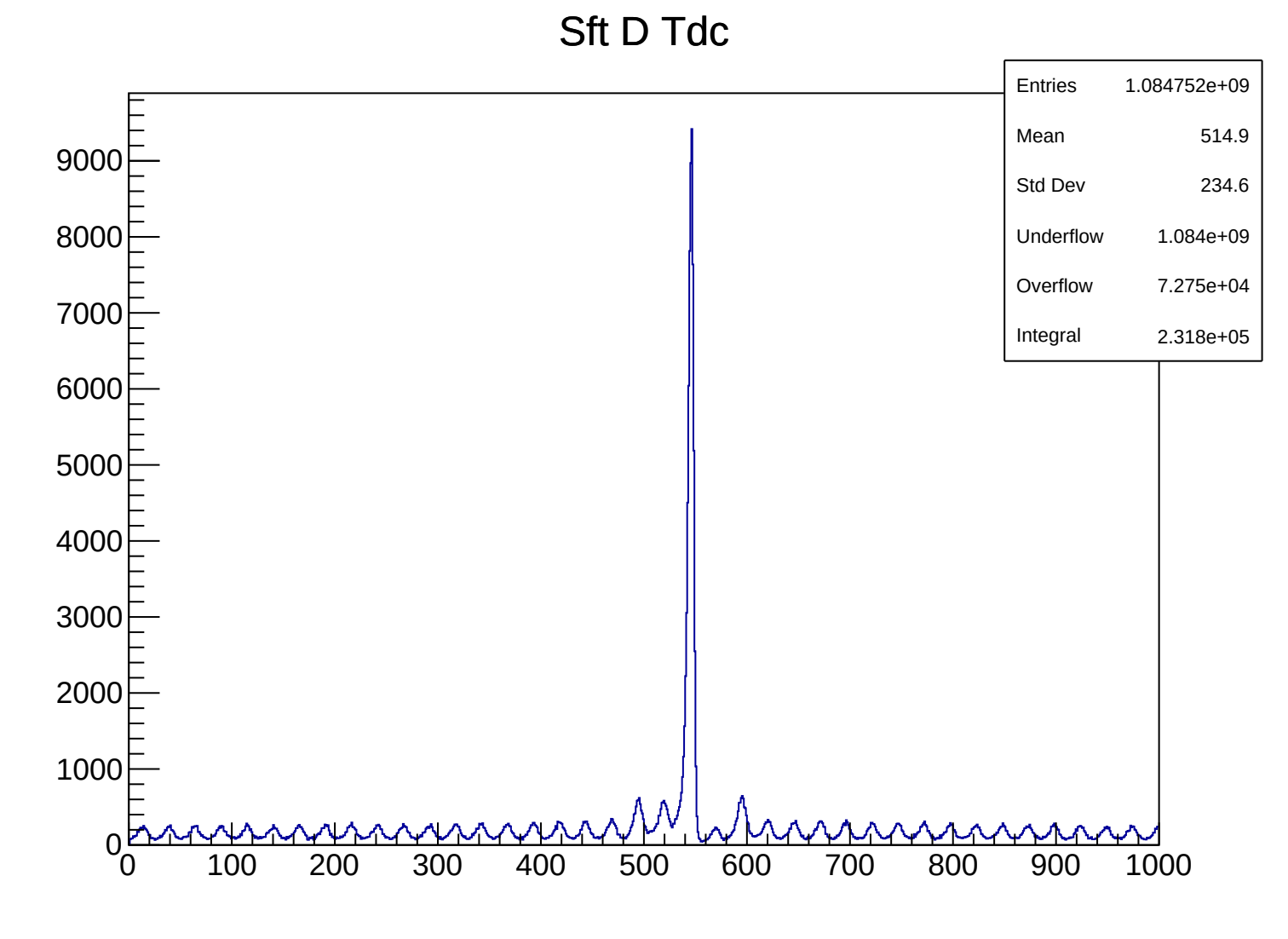
Sft U Hitpat

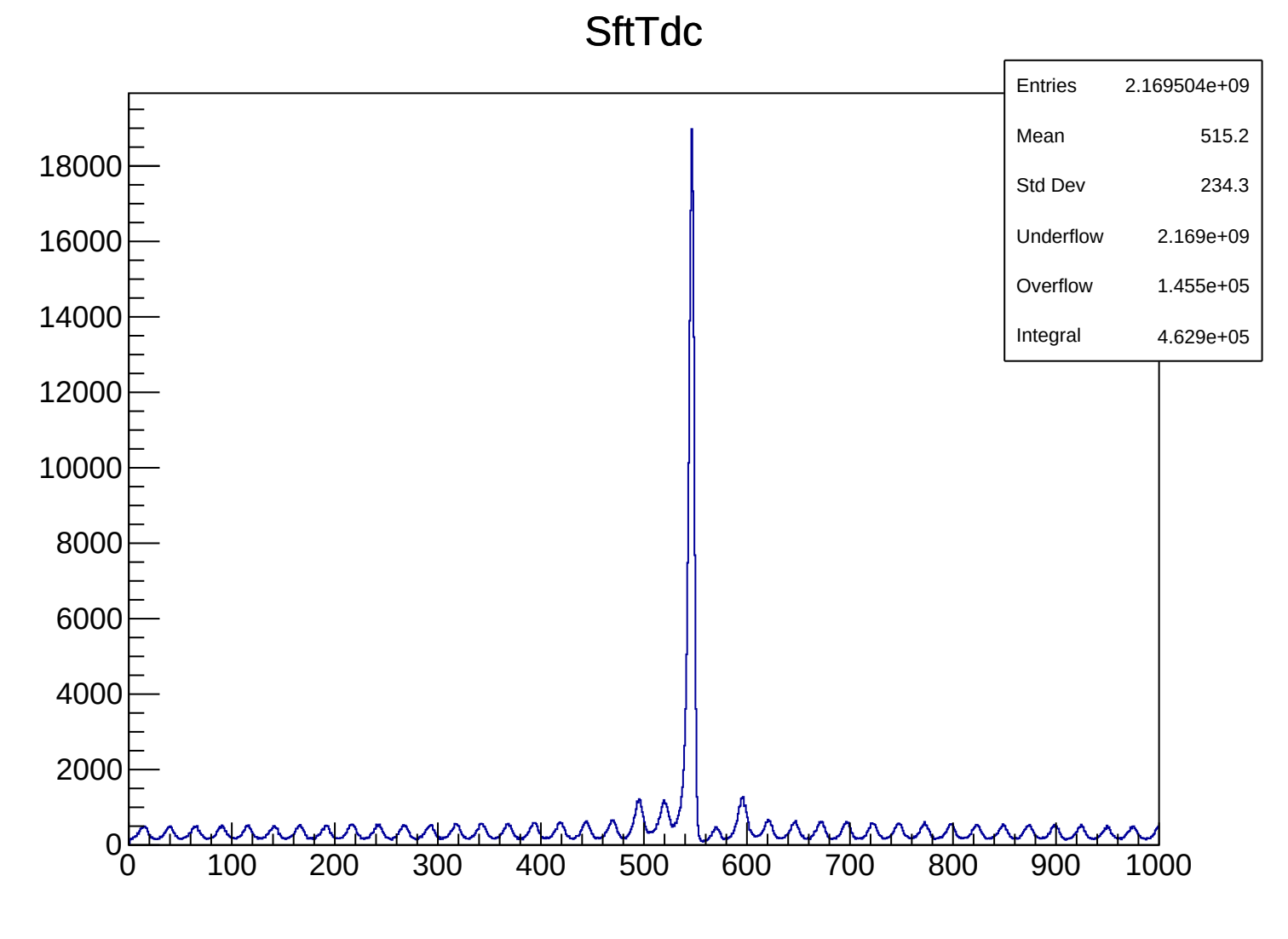

×10^3
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
50
100
150
200
250
Entries 2.489421e+07
Mean 75.5
Std Dev 53.18
Underflow 4.862e+05
Overflow 2.865e+06
Integral 2.154e+07

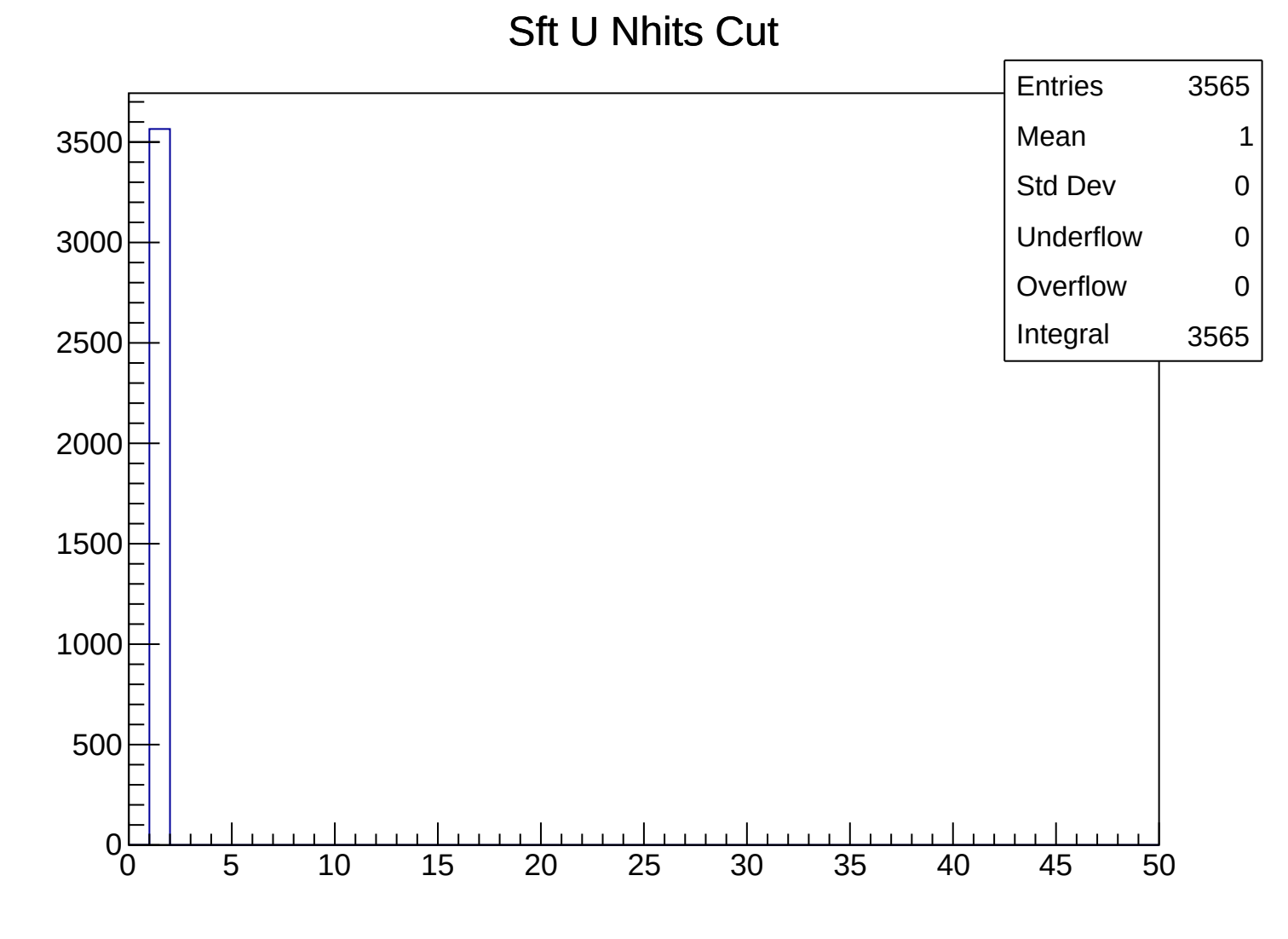

Sft D Hitpat
×10^3
500
400
300
200
100
0
0
50
100
150
200
250
Entries 1.297677e+07
Mean 67.18
Std Dev 53.81
Underflow 1.145e+04
Overflow 1.761e+05
Integral 1.279e+07

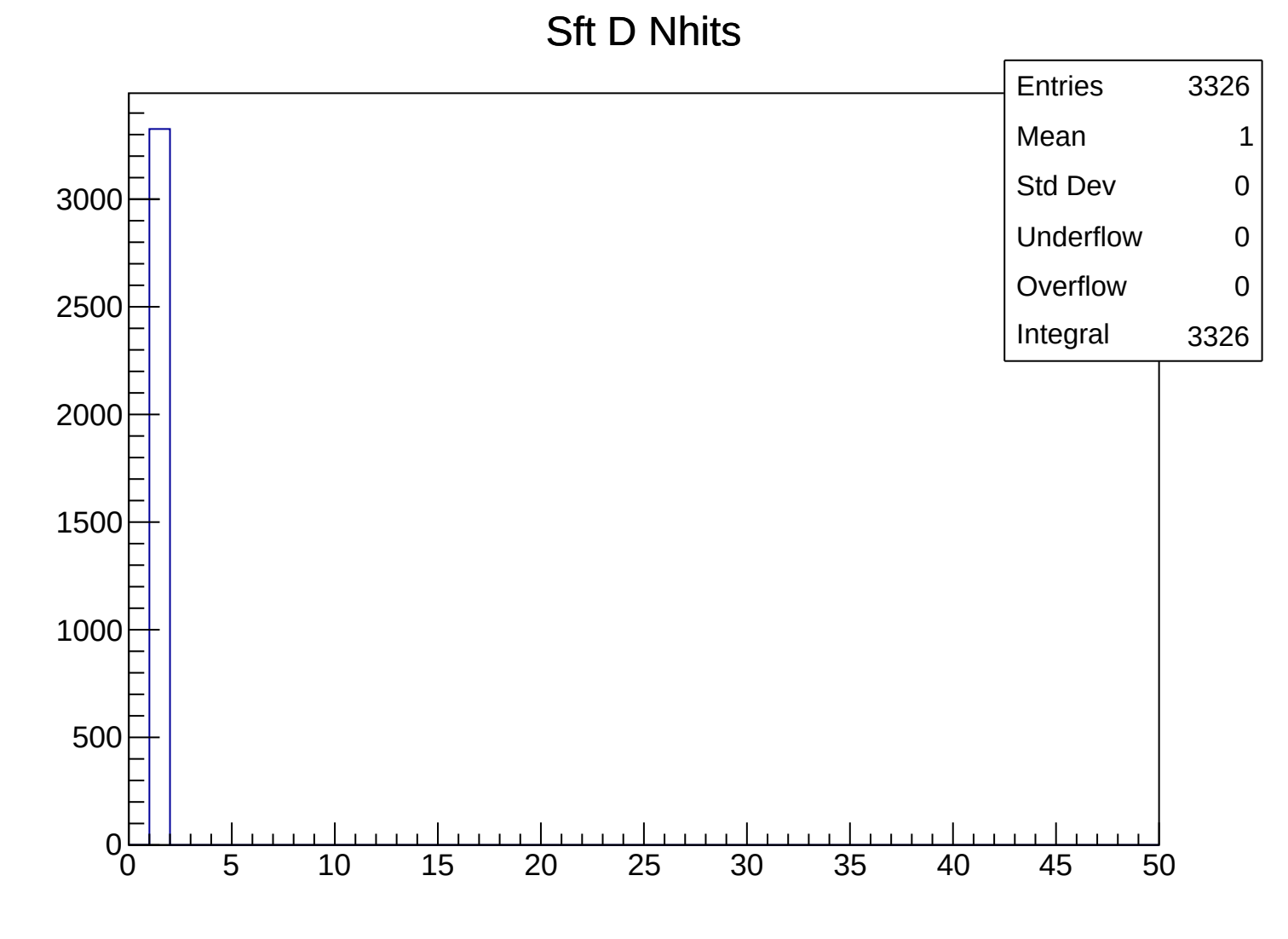

SftHitpat
×10^3
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
50
100
150
200
250
Entries 3.787098e+07
Mean 72.4
Std Dev 53.57
Underflow 4.977e+05
Overflow 3.041e+06
Integral 3.433e+07


Sft U Tdc
Entries 1.084752e+09
Mean 515.4
Std Dev 234.1
Underflow 1.084e+09
Overflow 7.278e+04
Integral 2.31e+05
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
600
700
800
900
1000


Sft D Tdc
Entries 1.084752e+09
Mean 514.9
Std Dev 234.6
Underflow 1.084e+09
Overflow 7.275e+04
Integral 2.318e+05
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
100
200
300
400
500
600
700
800
900
1000


SftTdc
Entries 2.169504e+09
Mean 515.2
Std Dev 234.3
Underflow 2.169e+09
Overflow 1.455e+05
Integral 4.629e+05
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
600
700
800
900
1000


Sft U Nhits Cut
Entries 3565
Mean 1
Std Dev 0
Underflow 0
Overflow 0
Integral 3565
3500
3000
2500
2000
1500
1000
500
0
0
5
10
15
20
25
30
35
40
45
50


Sft D Nhits
Entries 3326
Mean 1
Std Dev 0
Underflow 0
Overflow 0
Integral 3326
3000
2500
2000
1500
1000
500
0
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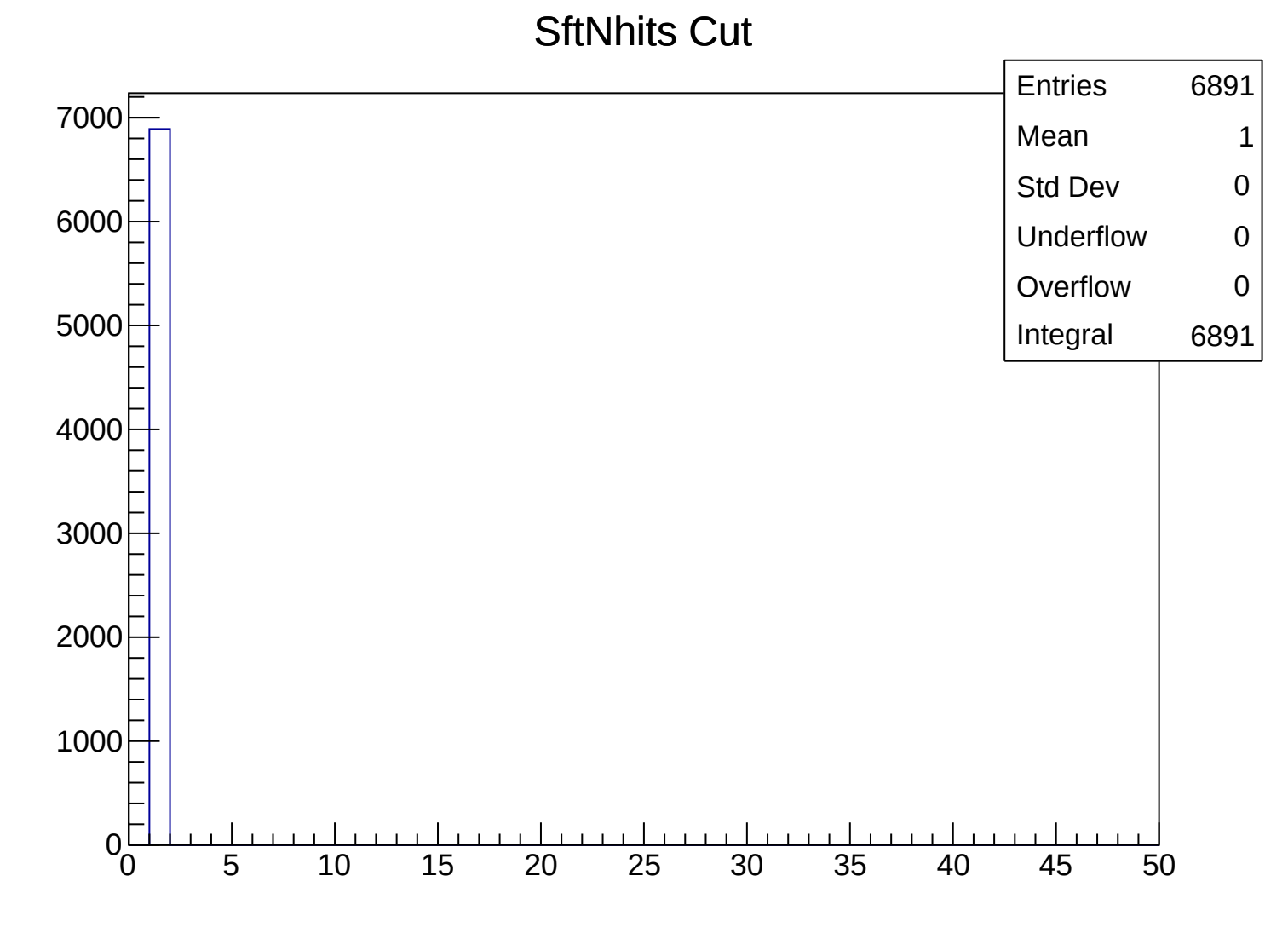
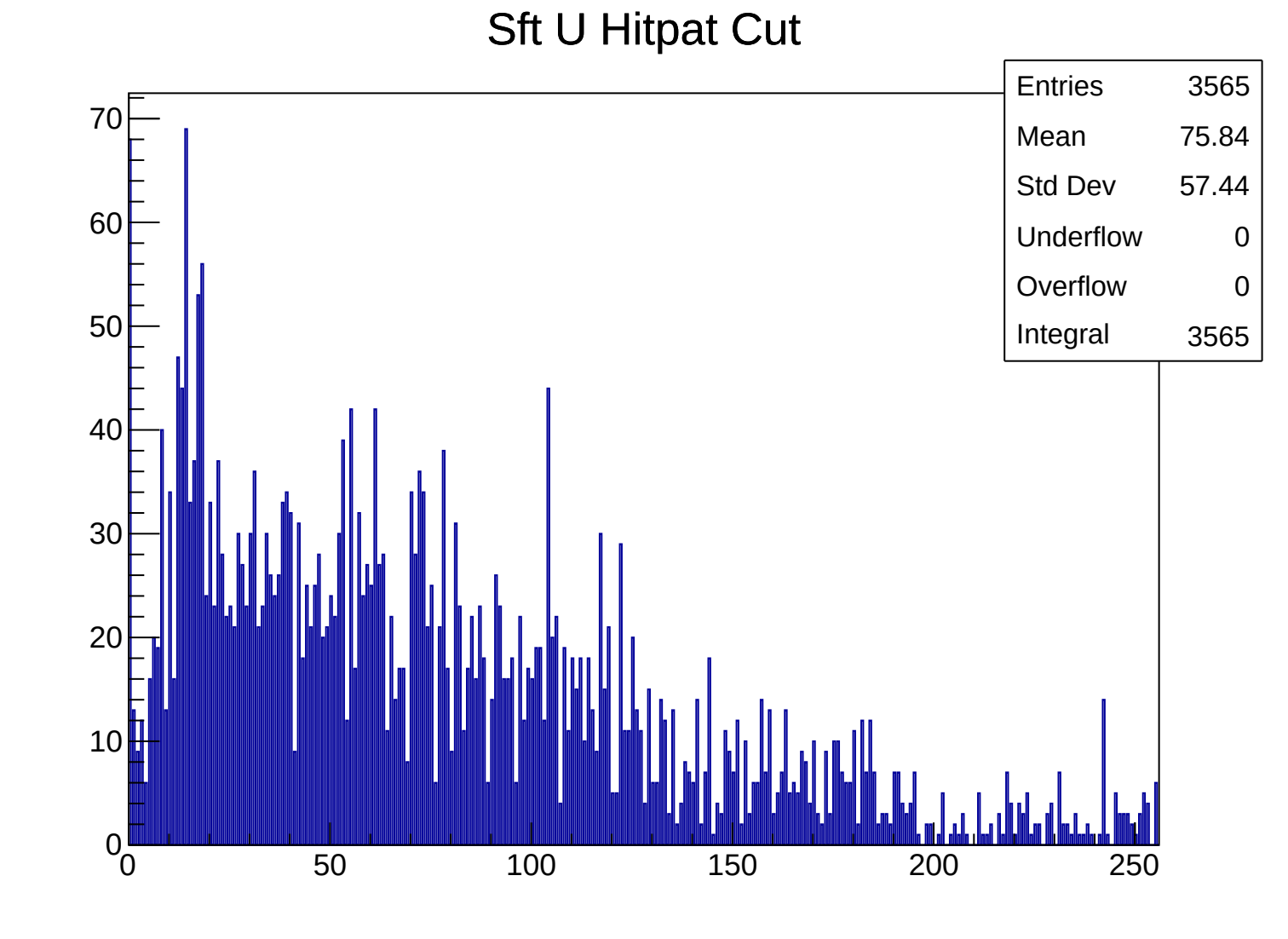
5
10
15
20
25
30
35
40
45
50


SftNhits Cut
Entries 6891
Mean 1
Std Dev 0
Underflow 0
Overflow 0
Integral 6891
7000
6000
5000
4000
3000
2000
1000
0
0
5
10
15
20
25
30
35
40
45
50


Sft U Hitpat Cut
Entries 3565
Mean 75.84
Std Dev 57.44
Underflow 0
Overflow 0
Integral 3565
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10
20
30
40
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60
70
0
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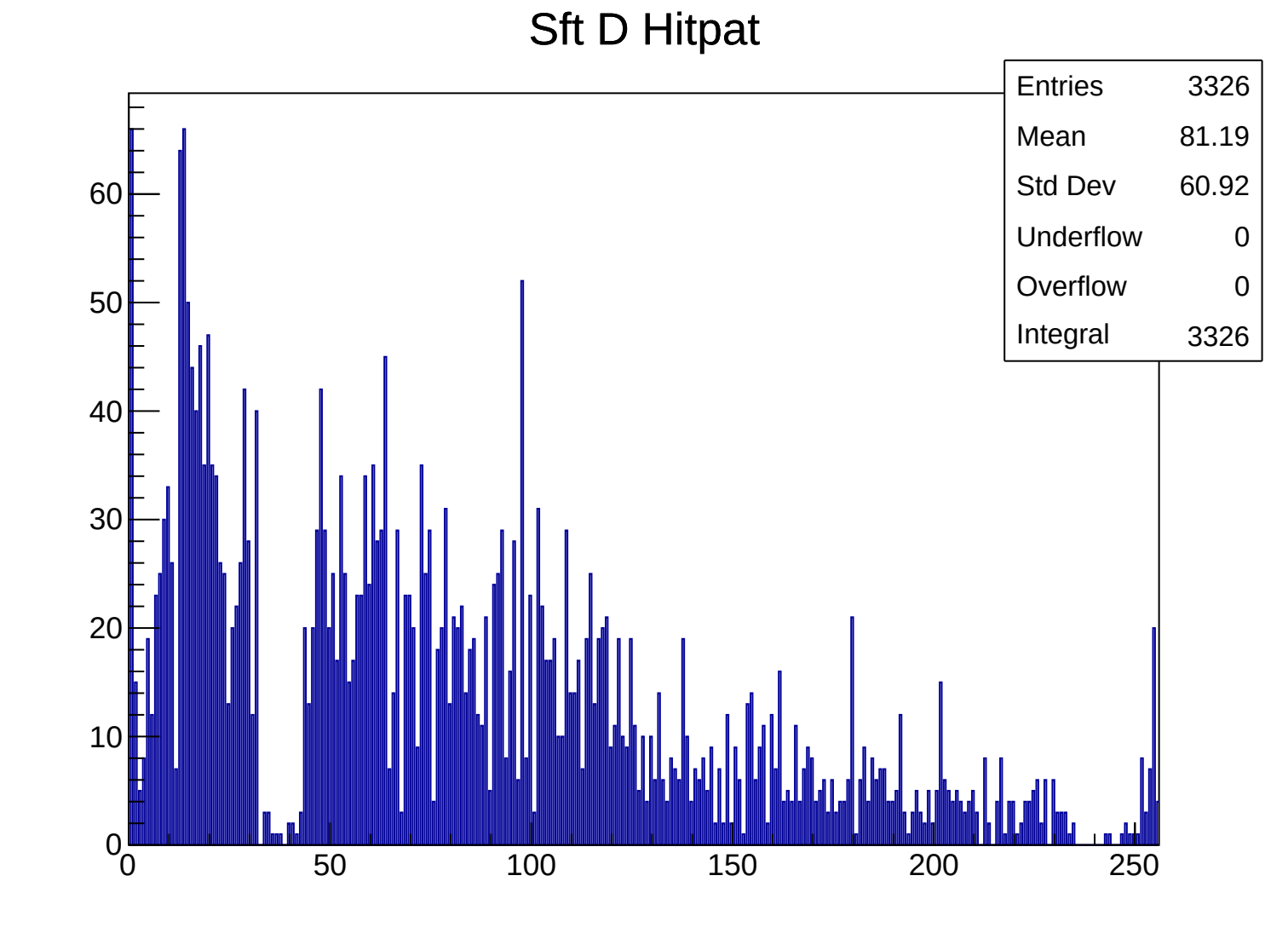
100
150
200
250


Sft D Hitpat
Entries 3326
Mean 81.19
Std Dev 60.92
Underflow 0
Overflow 0
Integral 3326
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20
30
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50
60
0
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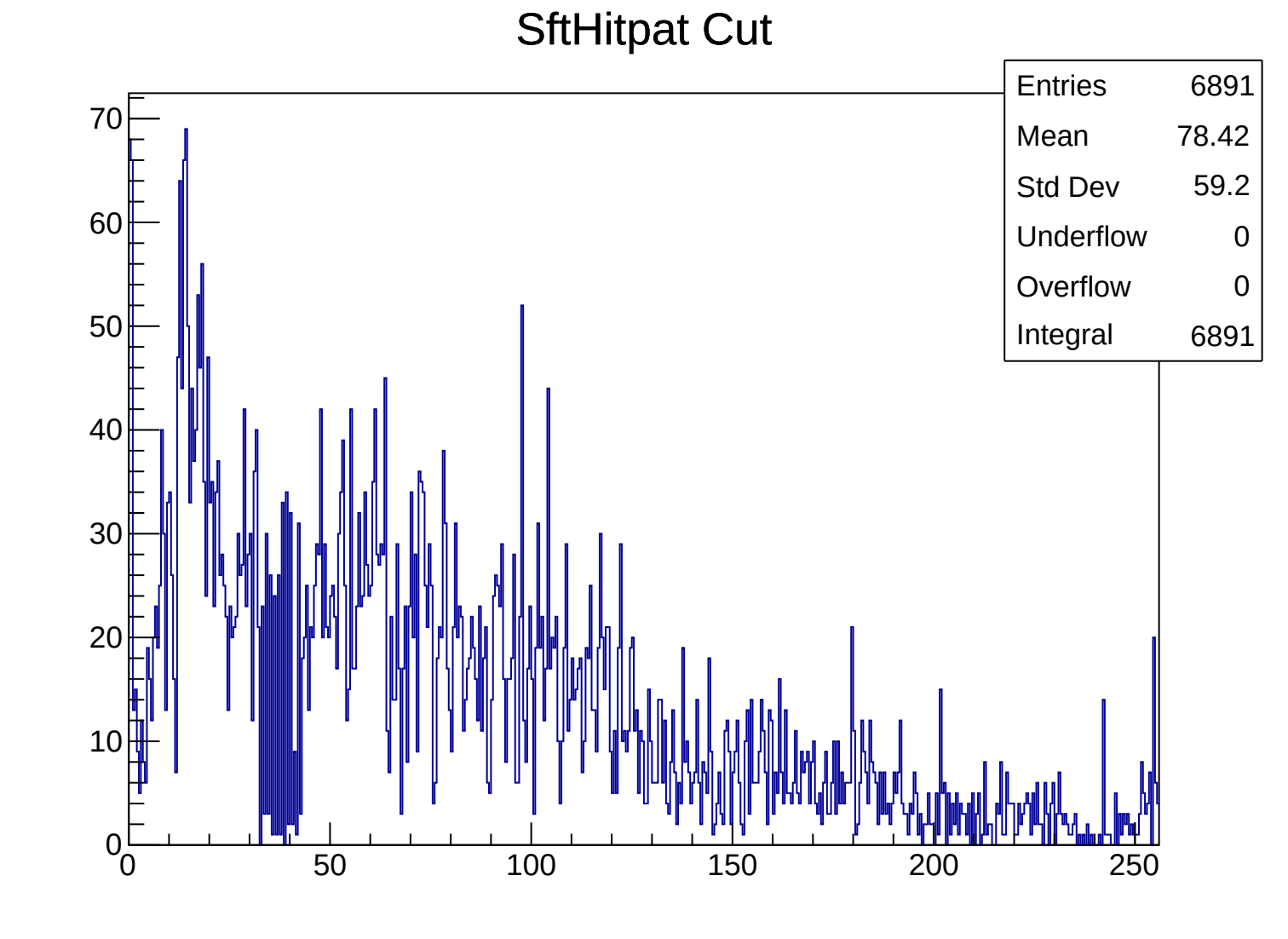
100
150
200
250


SftHitpat Cut
Entries 6891
Mean 78.42
Std Dev 59.2
Underflow 0
Overflow 0
Integral 6891
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20
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40
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60
70
0
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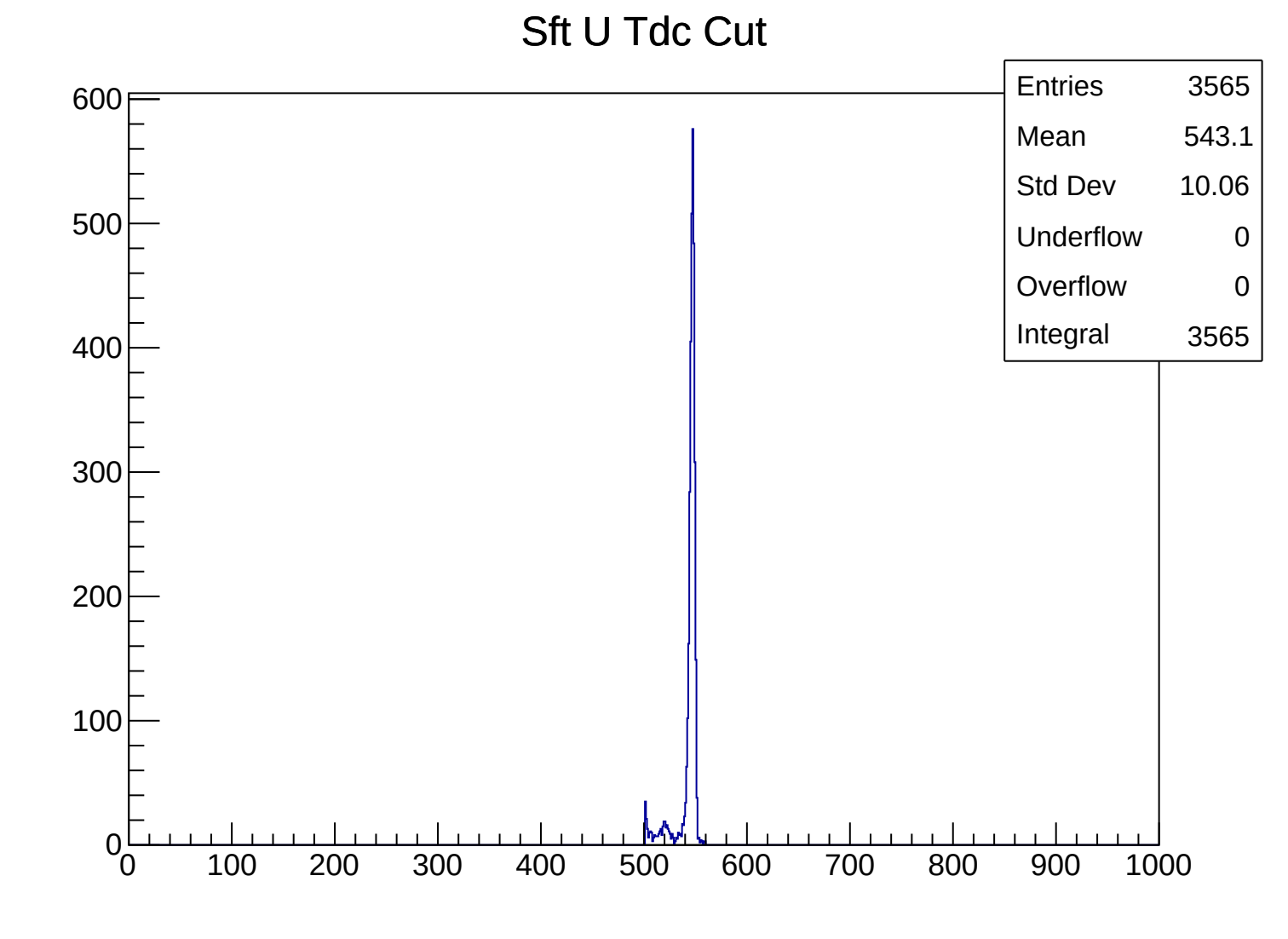
100
150
200
250


Sft U Tdc Cut
Entries 3565
Mean 543.1
Std Dev 10.06
Underflow 0
Overflow 0
Integral 3565
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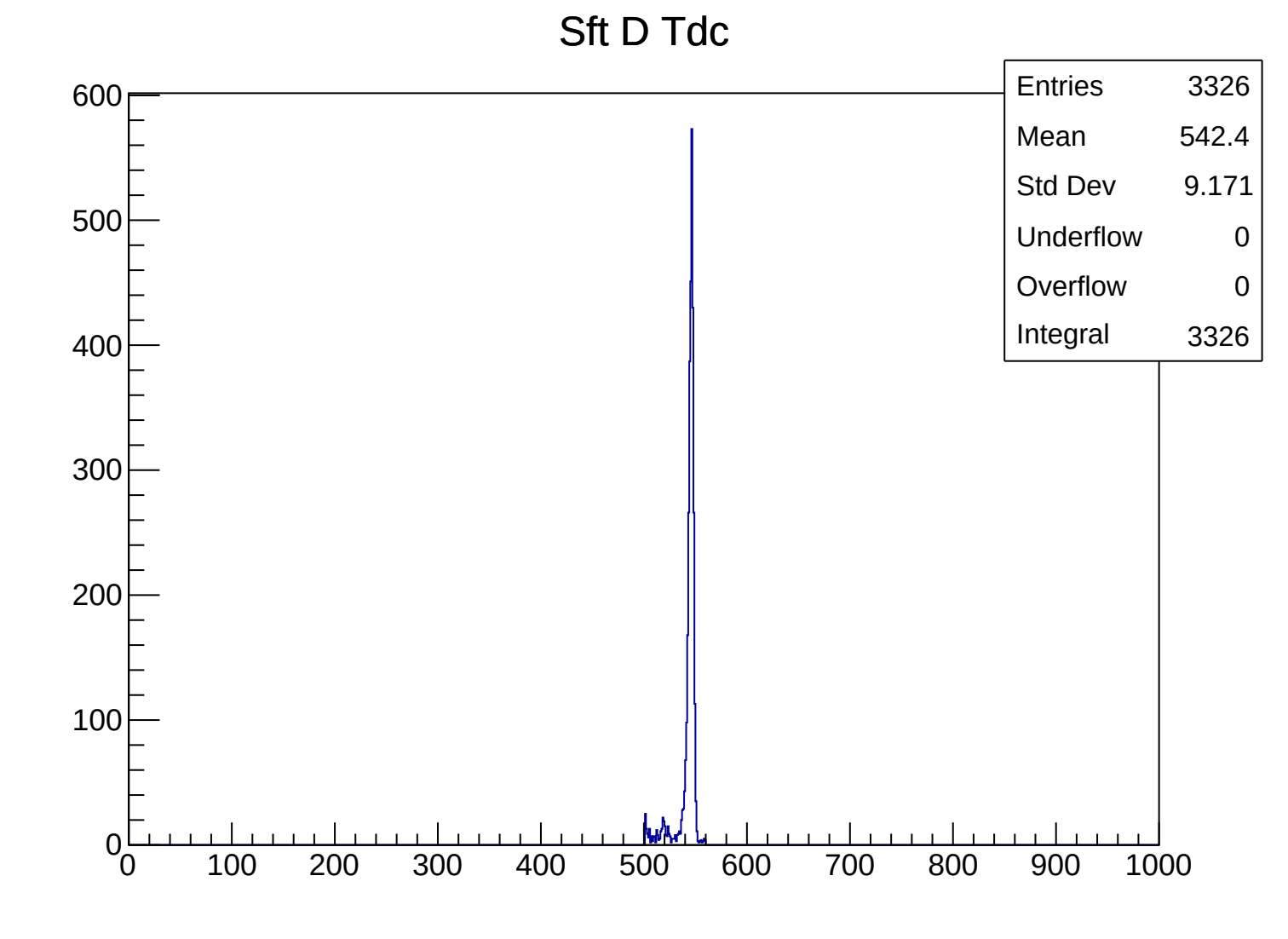
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000


Sft D Tdc
Entries 3326
Mean 542.4
Std Dev 9.171
Underflow 0
Overflow 0
Integral 3326
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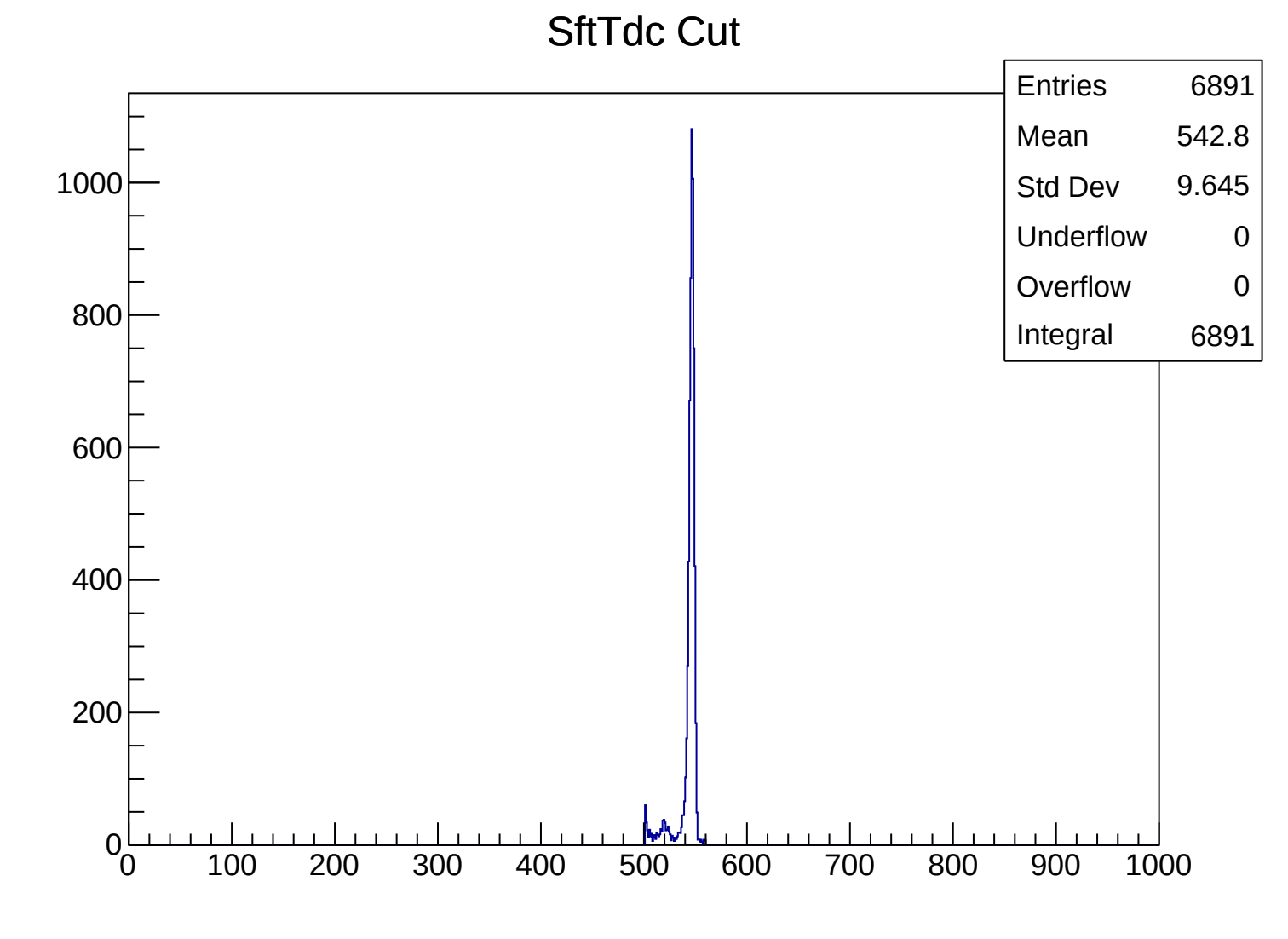
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000


SftTdc Cut
Entries 6891
Mean 542.8
Std Dev 9.645
Underflow 0
Overflow 0
Integral 6891
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400
600
800
1000
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300
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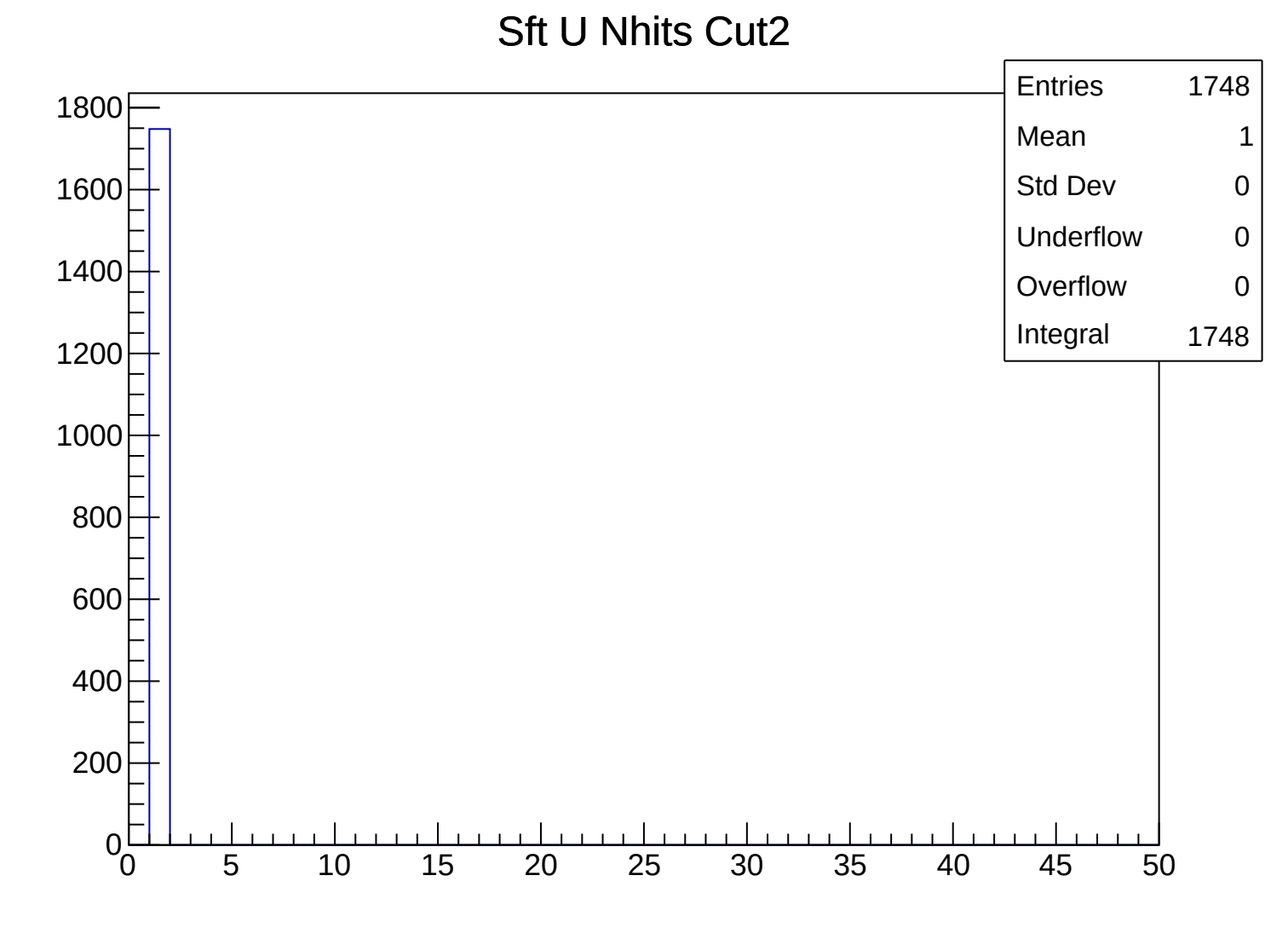
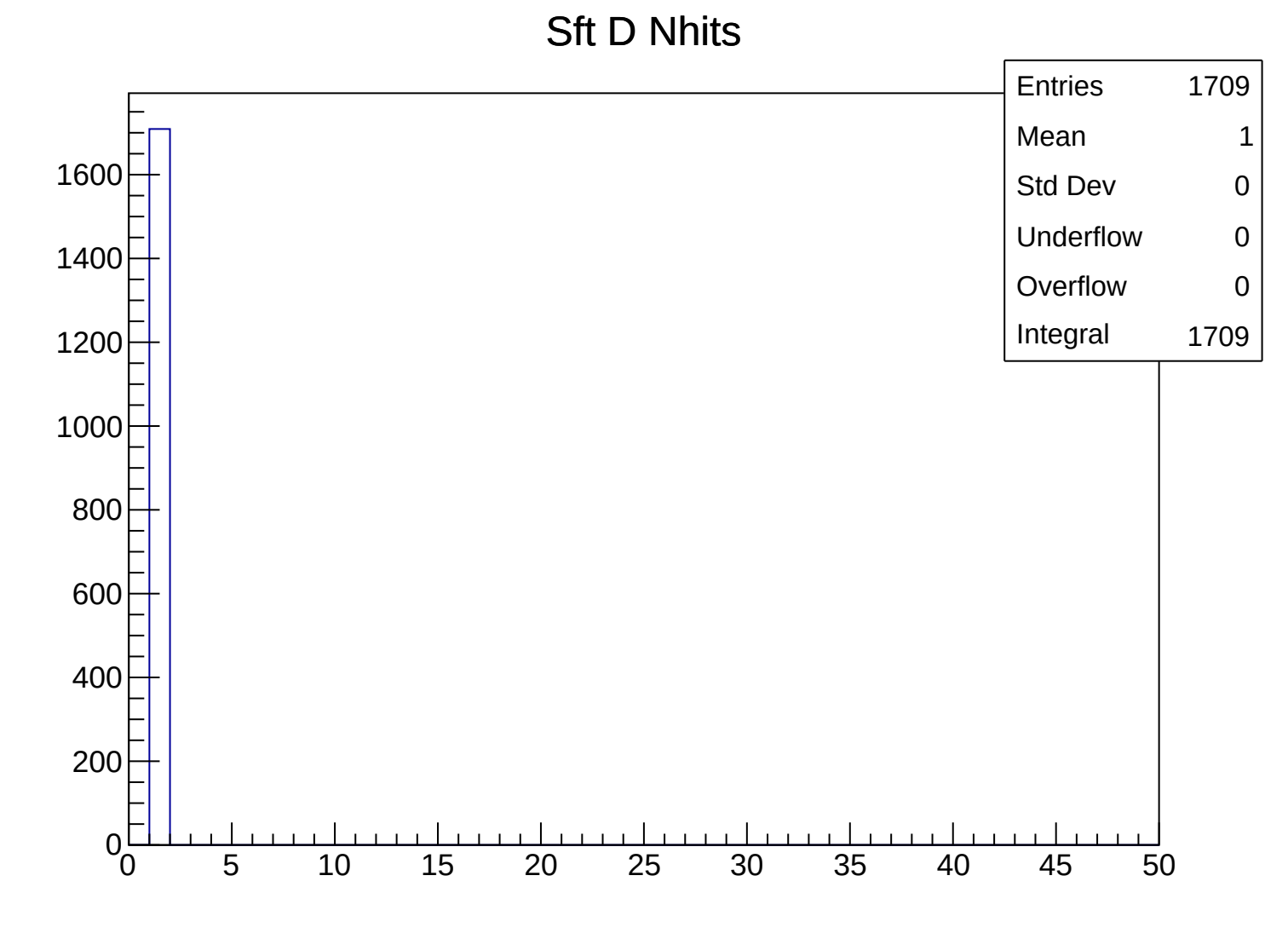
900
1000


Sft U Nhits Cut2
Entries 1748
Mean 1
Std Dev 0
Underflow 0
Overflow 0
Integral 1748
1800
1600
1400
1200
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
40
45
50


Sft D Nhits
Entries 1709
Mean 1
Std Dev 0
Underflow 0
Overflow 0
Integral 1709
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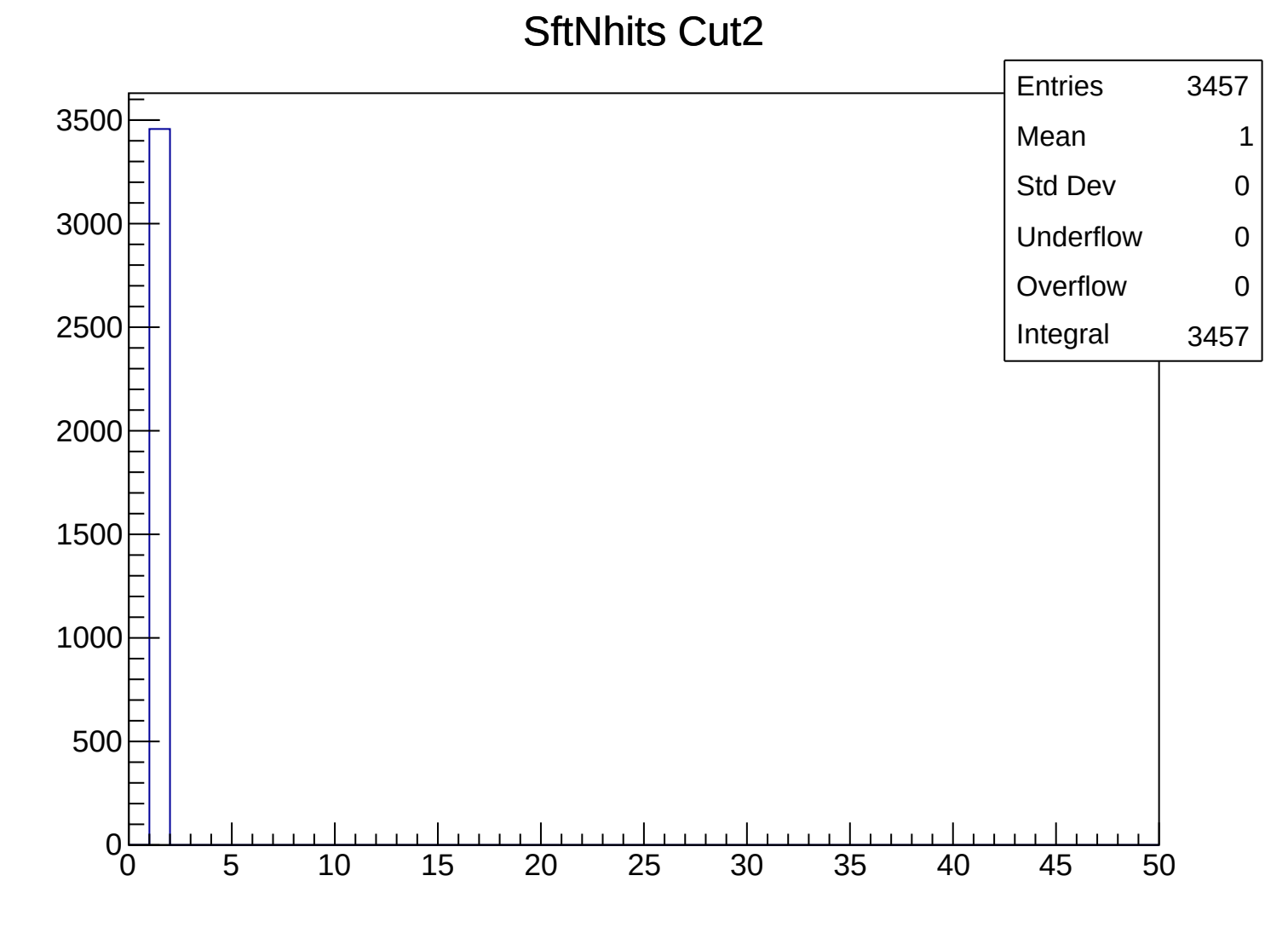
1400
1200
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
40
45
50


SftNhits Cut2
Entries 3457
Mean 1
Std Dev 0
Underflow 0
Overflow 0
Integral 3457
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2000
1500
1000
500
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0
5
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15
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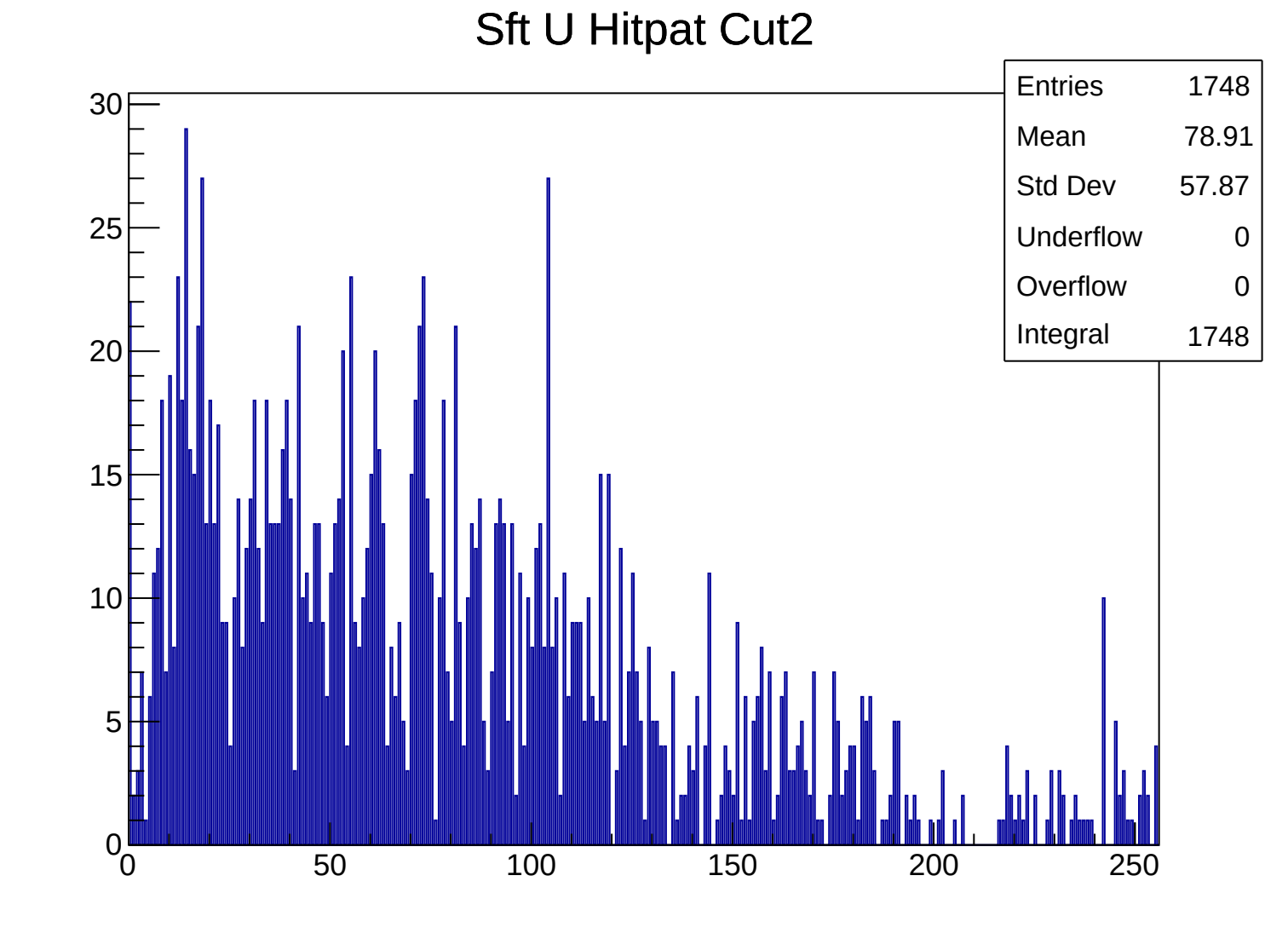
25
30
35
40
45
50


Sft U Hitpat Cut2
Entries 1748
Mean 78.91
Std Dev 57.87
Underflow 0
Overflow 0
Integral 1748
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25
20
15
10
5
0
0
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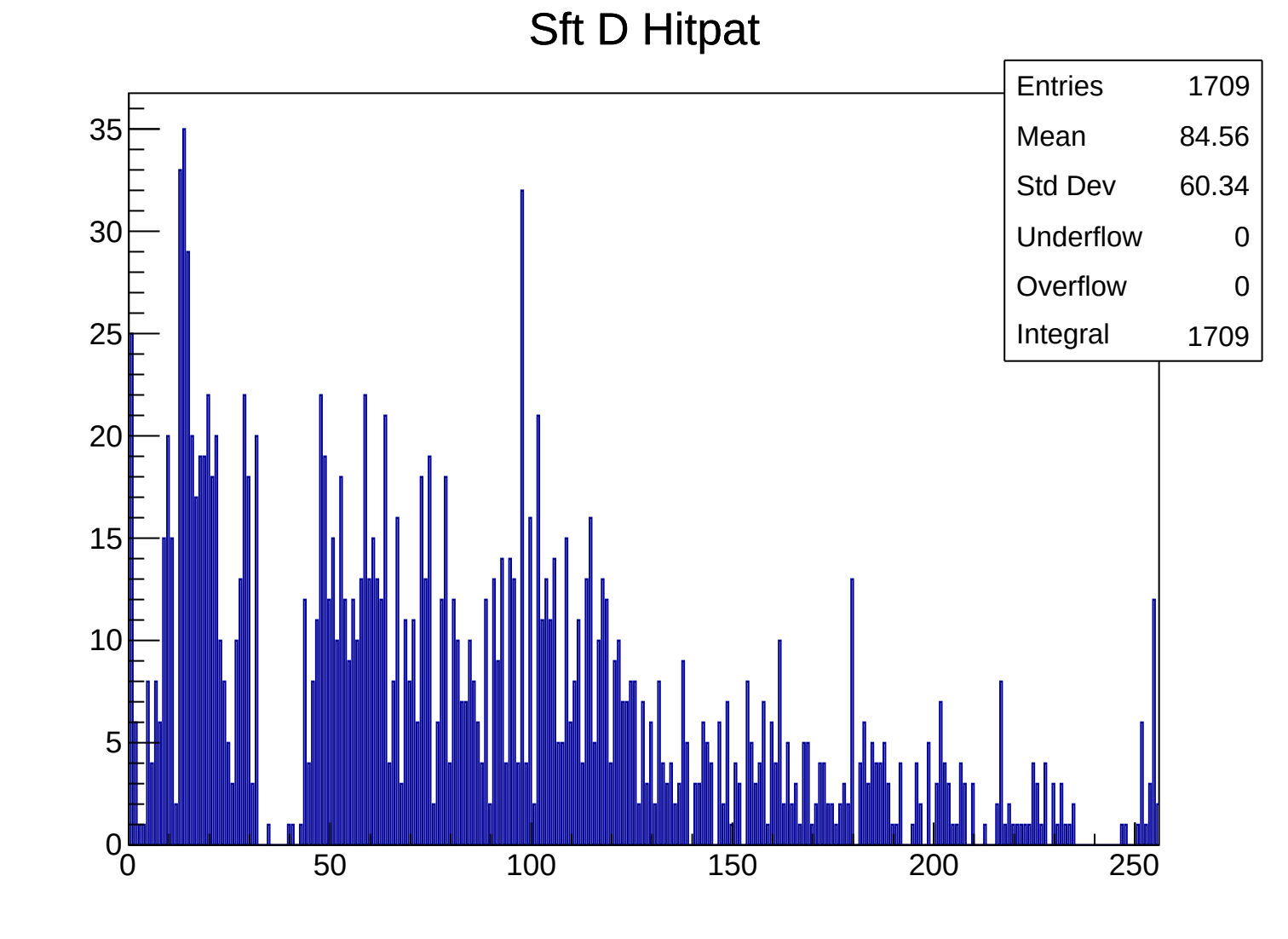
100
150
200
250


Sft D Hitpat
Entries 1709
Mean 84.56
Std Dev 60.34
Underflow 0
Overflow 0
Integral 1709
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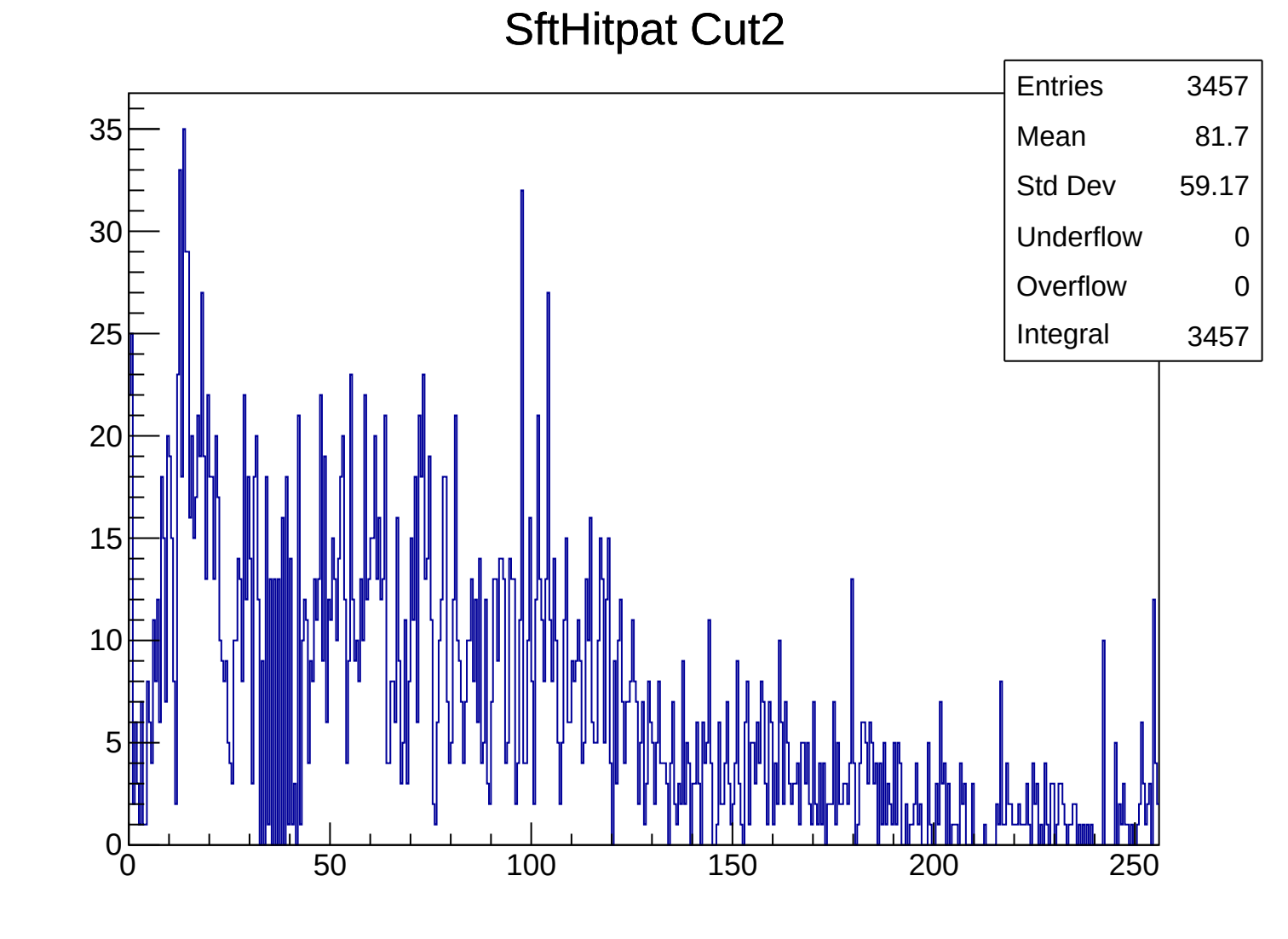
5
10
15
20
25
30
35
0
50
100
150
200
250


SftHitpat Cut2
Entries 3457
Mean 81.7
Std Dev 59.17
Underflow 0
Overflow 0
Integral 3457
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30
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0
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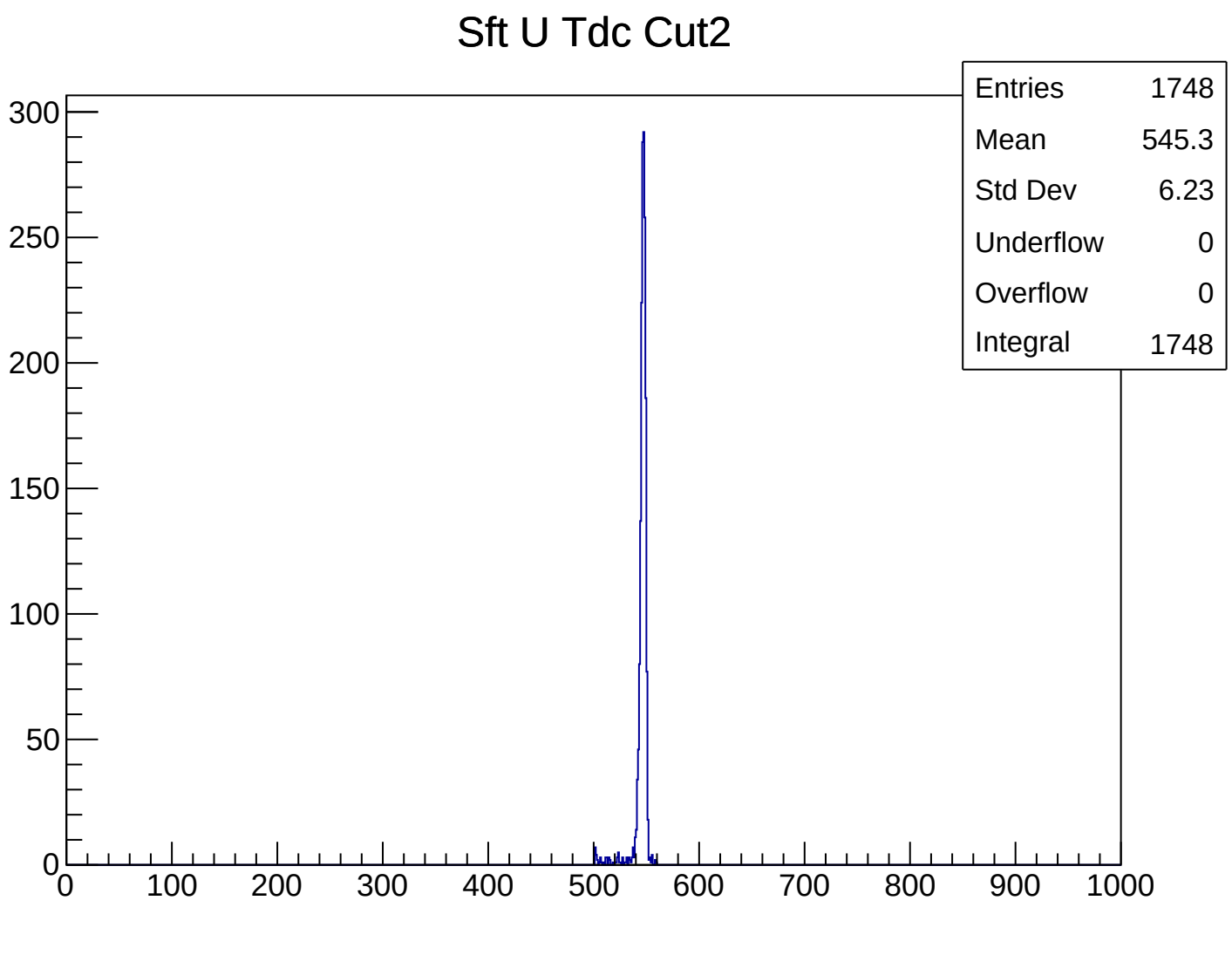
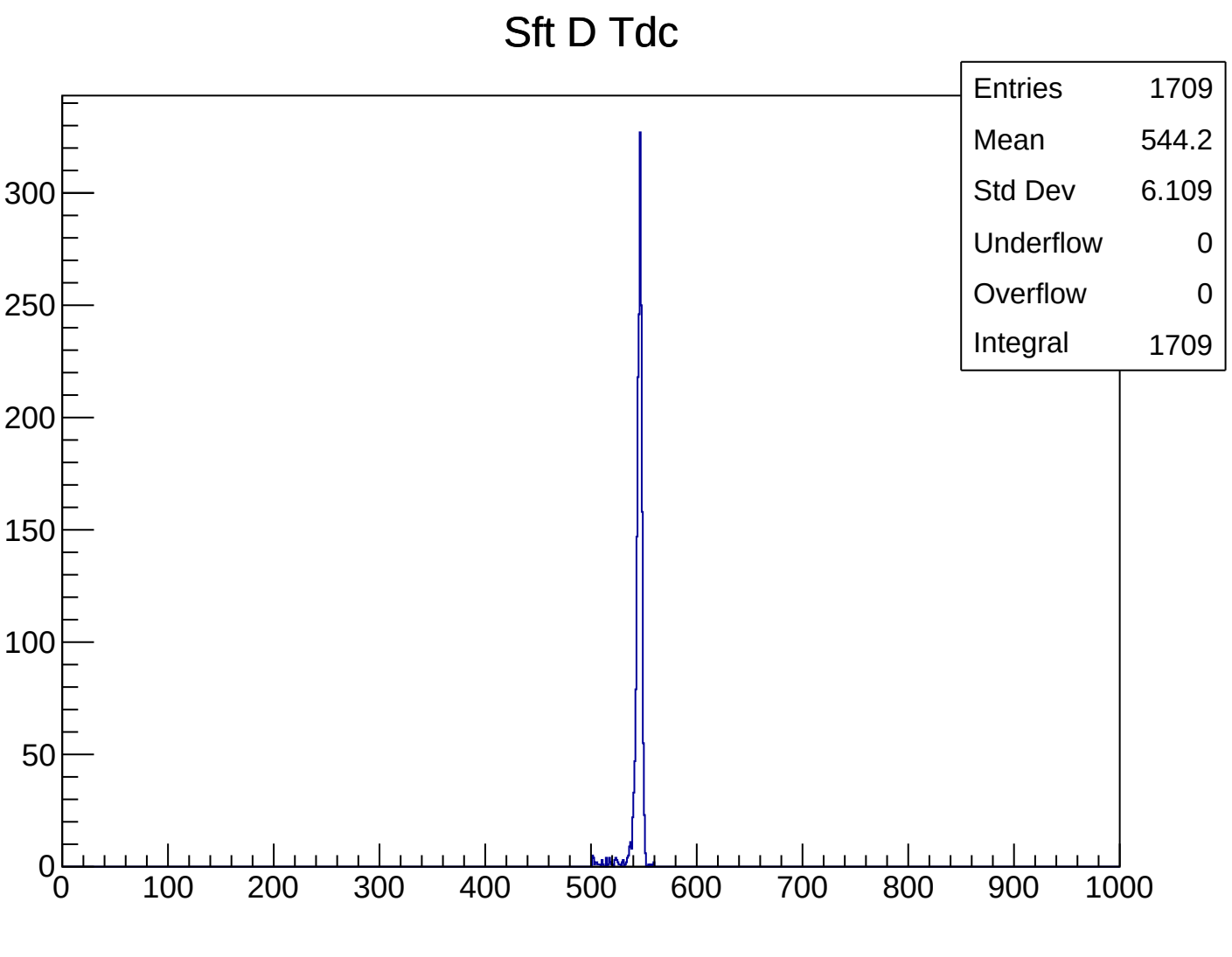
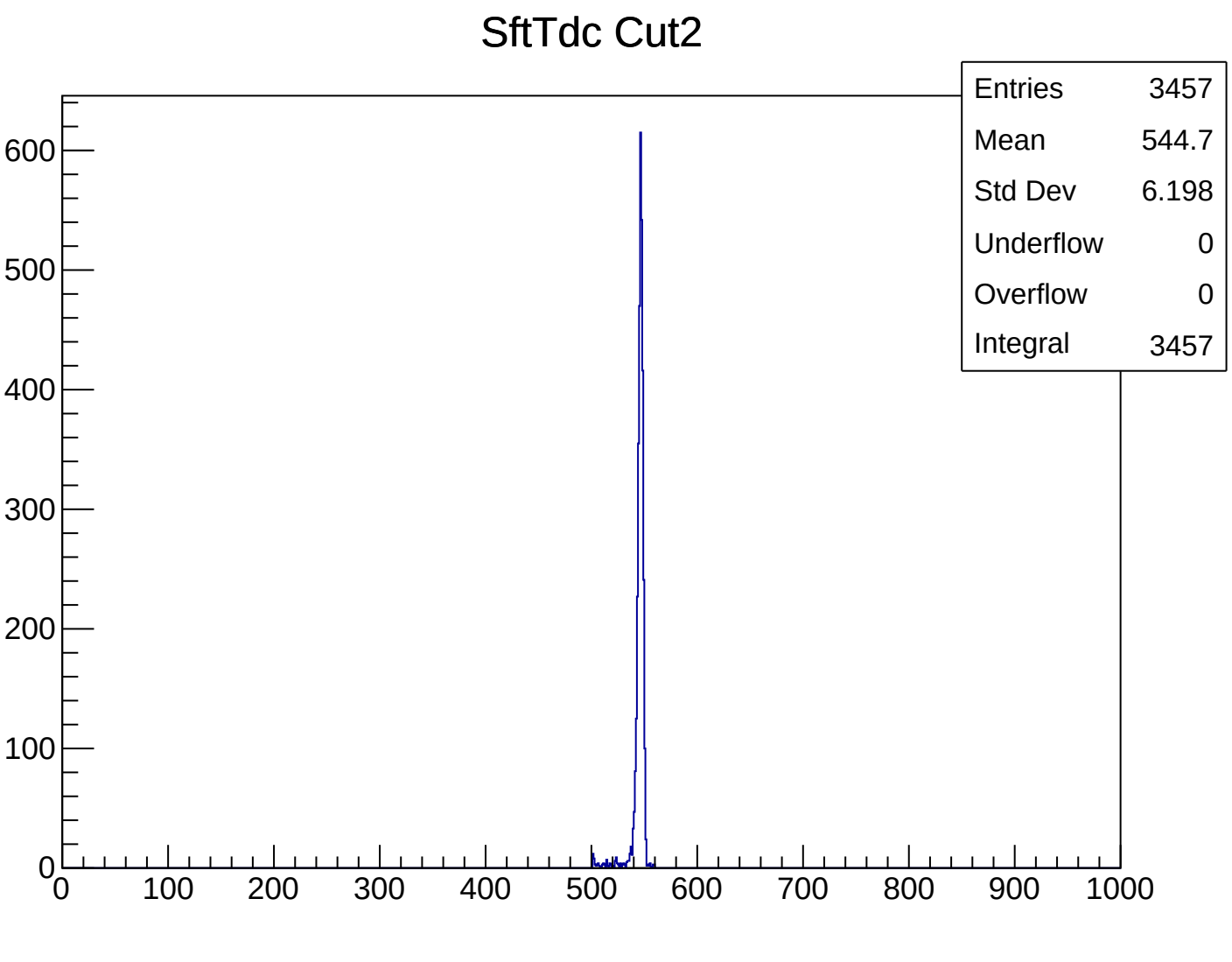
100
150
200
250


Sft U Tdc Cut2
Entries 1748
Mean 545.3
Std Dev 6.23
Underflow 0
Overflow 0
Integral 1748
300
250
200
150
100
50
0
0
100
200
300
400
500
600
700
800
900
1000


Sft D Tdc
Entries 1709
Mean 544.2
Std Dev 6.109
Underflow 0
Overflow 0
Integral 1709
300
250
200
150
100
50
0
0
100
200
300
400
500
600
700
800
900
1000


SftTdc Cut2
Entries 3457
Mean 544.7
Std Dev 6.198
Underflow 0
Overflow 0
Integral 3457
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500
400
300
200
100
0
0
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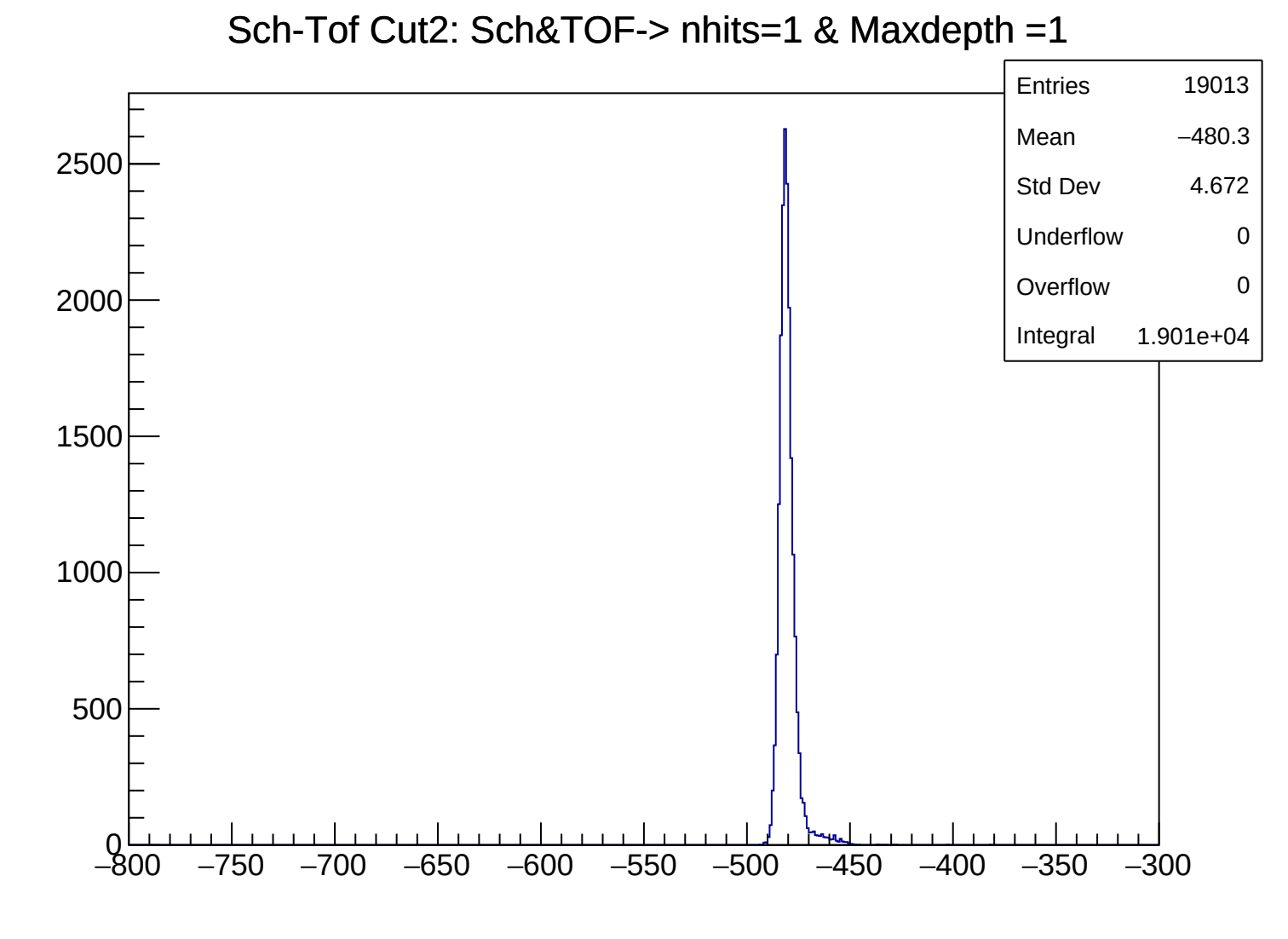
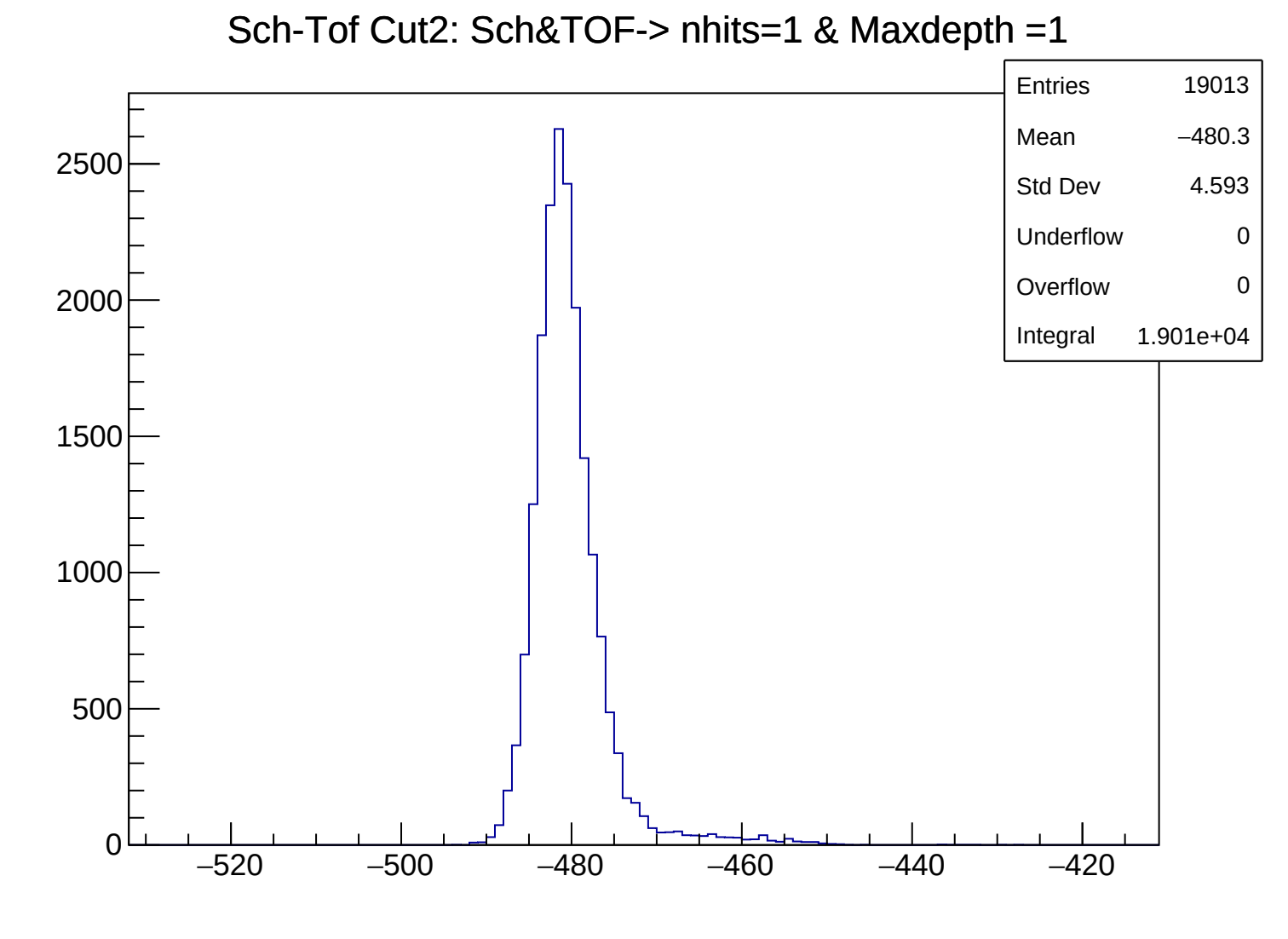
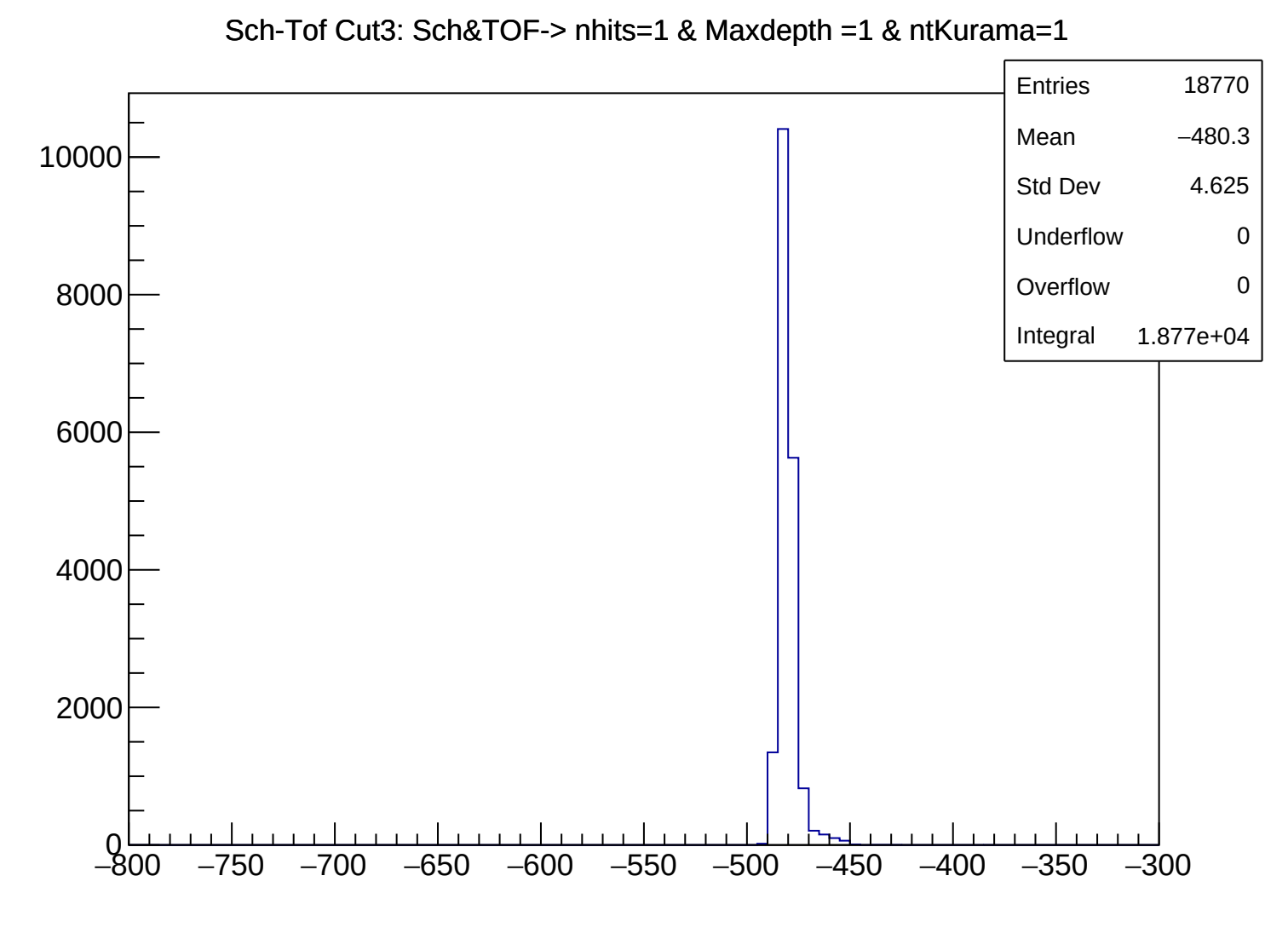
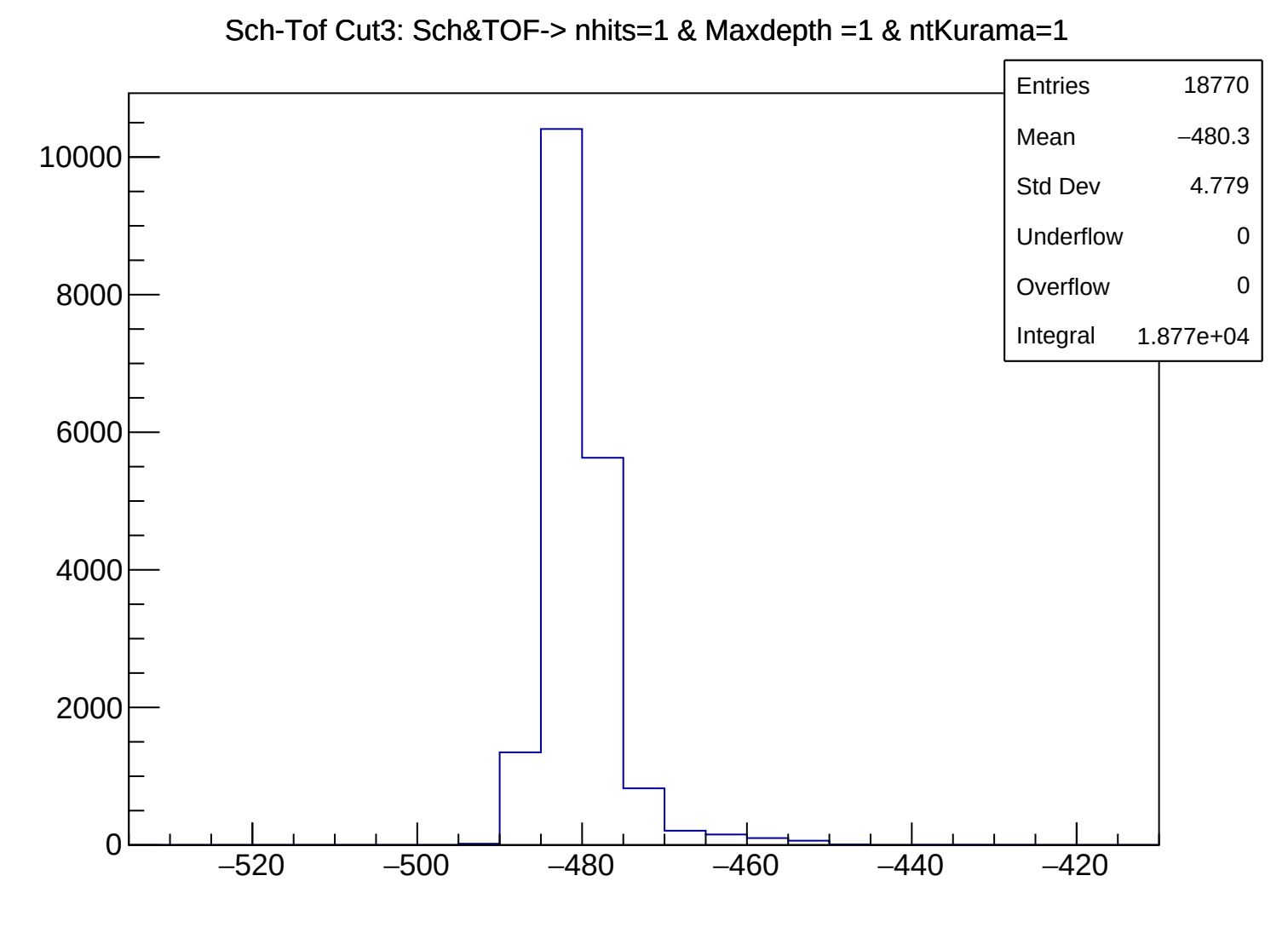
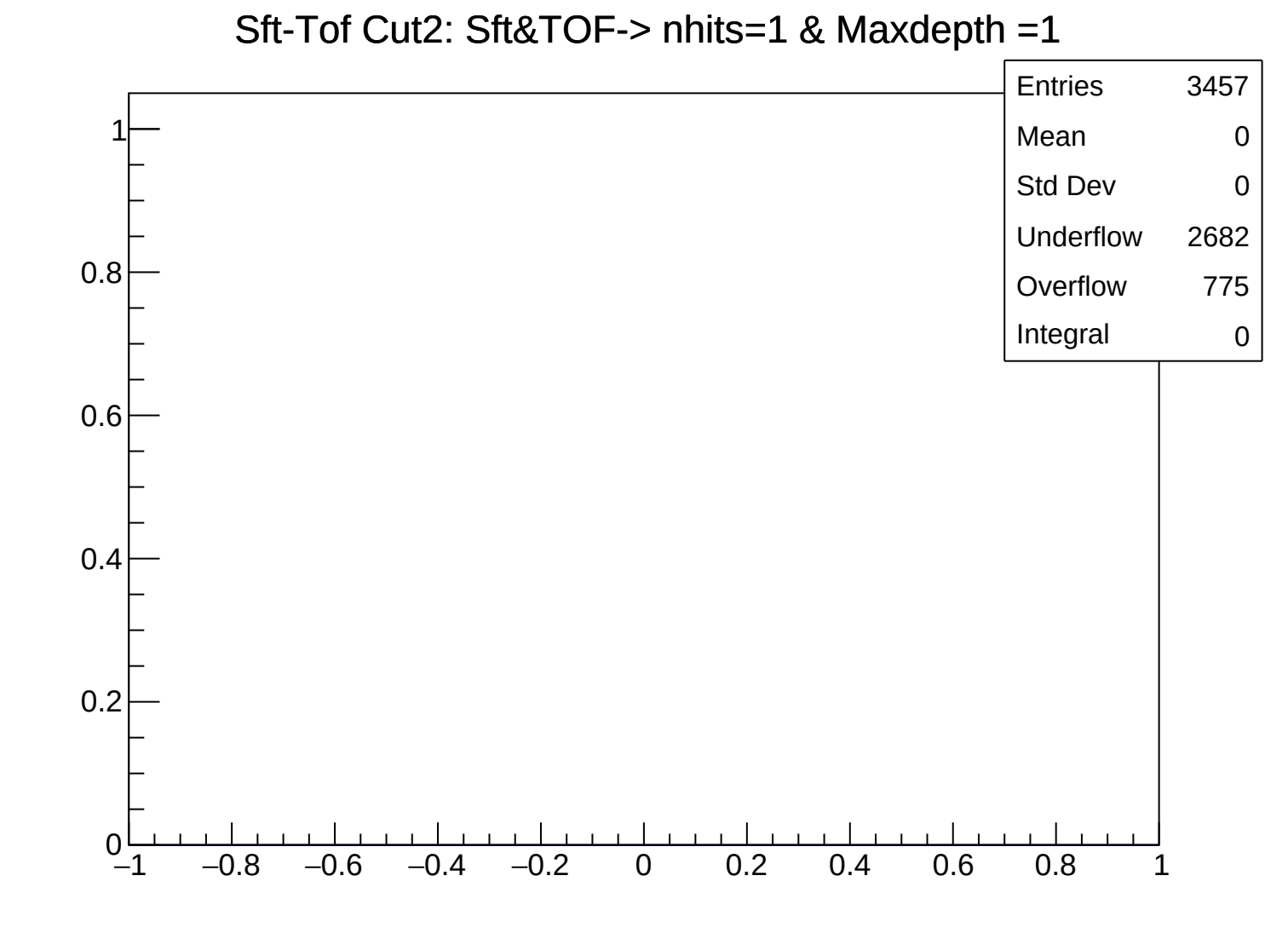
300
400
500
600
700
800
900
1000

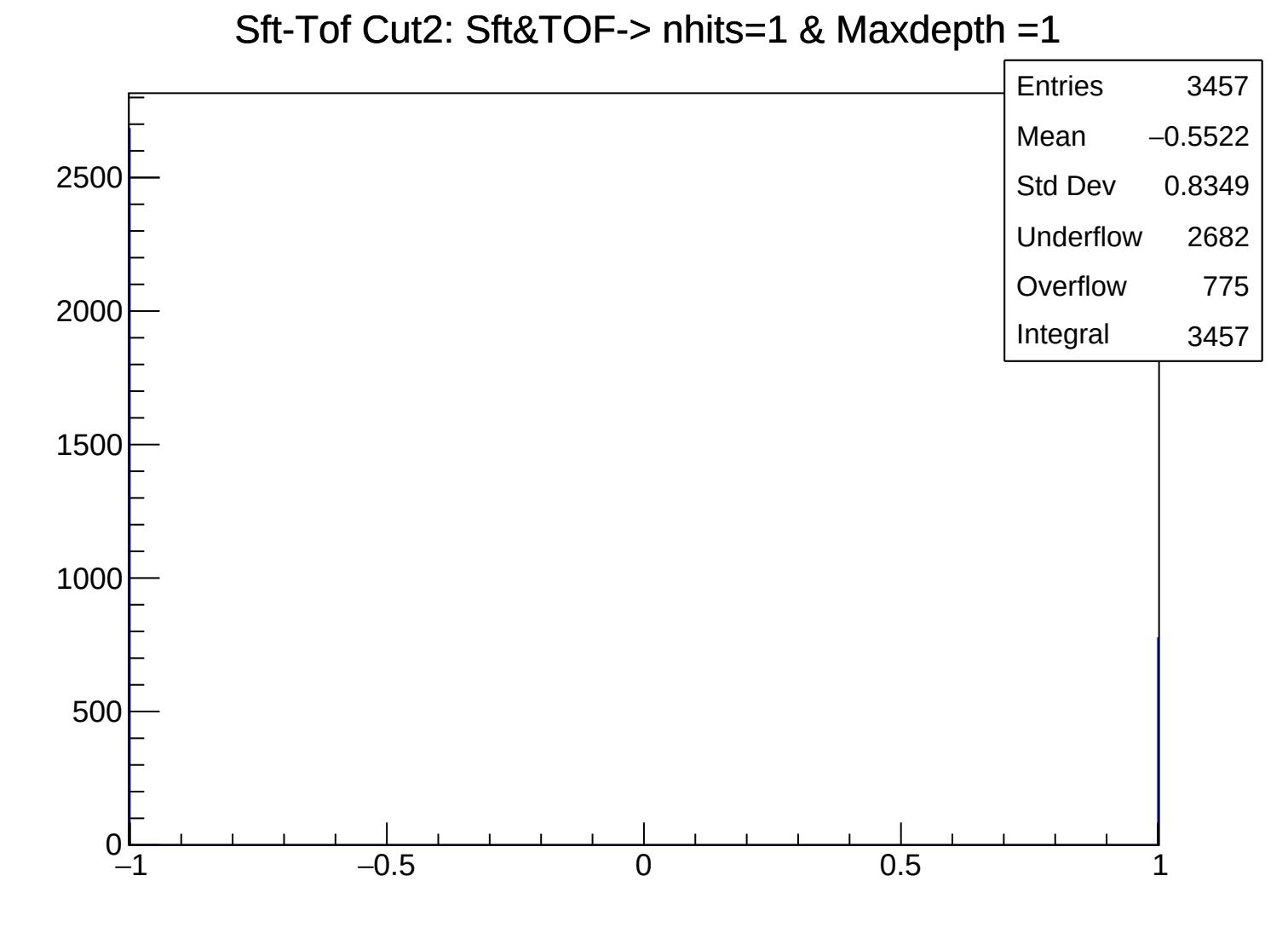

Sch-Tof Cut2: Sch&TOF-> nhits=1 & Maxdepth =1
Entries 19013
Mean −480.3
Std Dev 4.672
Underflow 0
Overflow 0
Integral 1.901e+04
2500
2000
1500
1000
500
0
−800
−750
−700
−650
−600
−550
−500
−450
−400
−350
−300

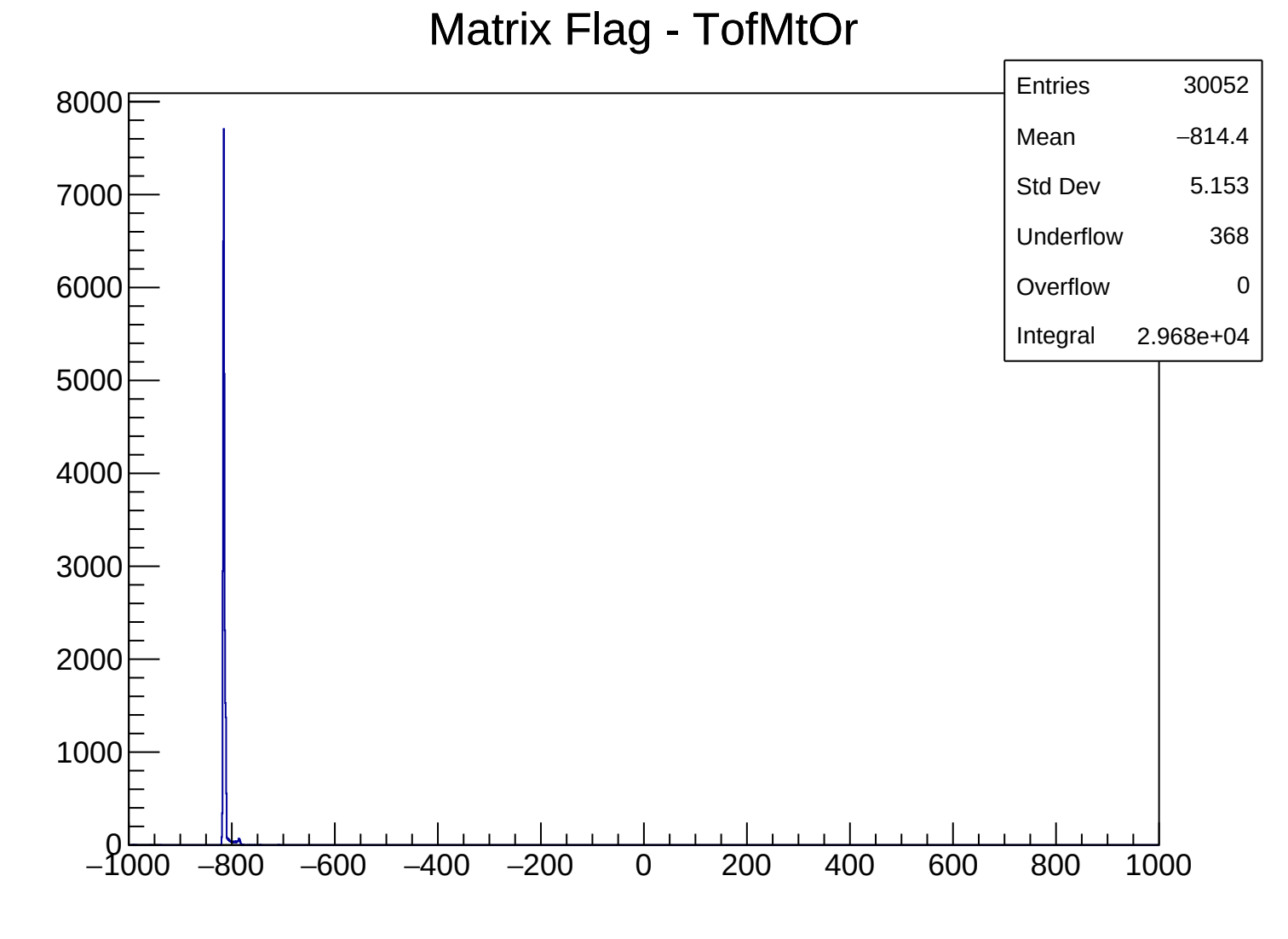

Sch-Tof Cut2: Sch&TOF-> nhits=1 & Maxdepth =1
Entries 19013
Mean −480.3
Std Dev 4.593
Underflow 0
Overflow 0
Integral 1.901e+04
2500
2000
1500
1000
500
0
−520
−500
−480
−460
−440
−420

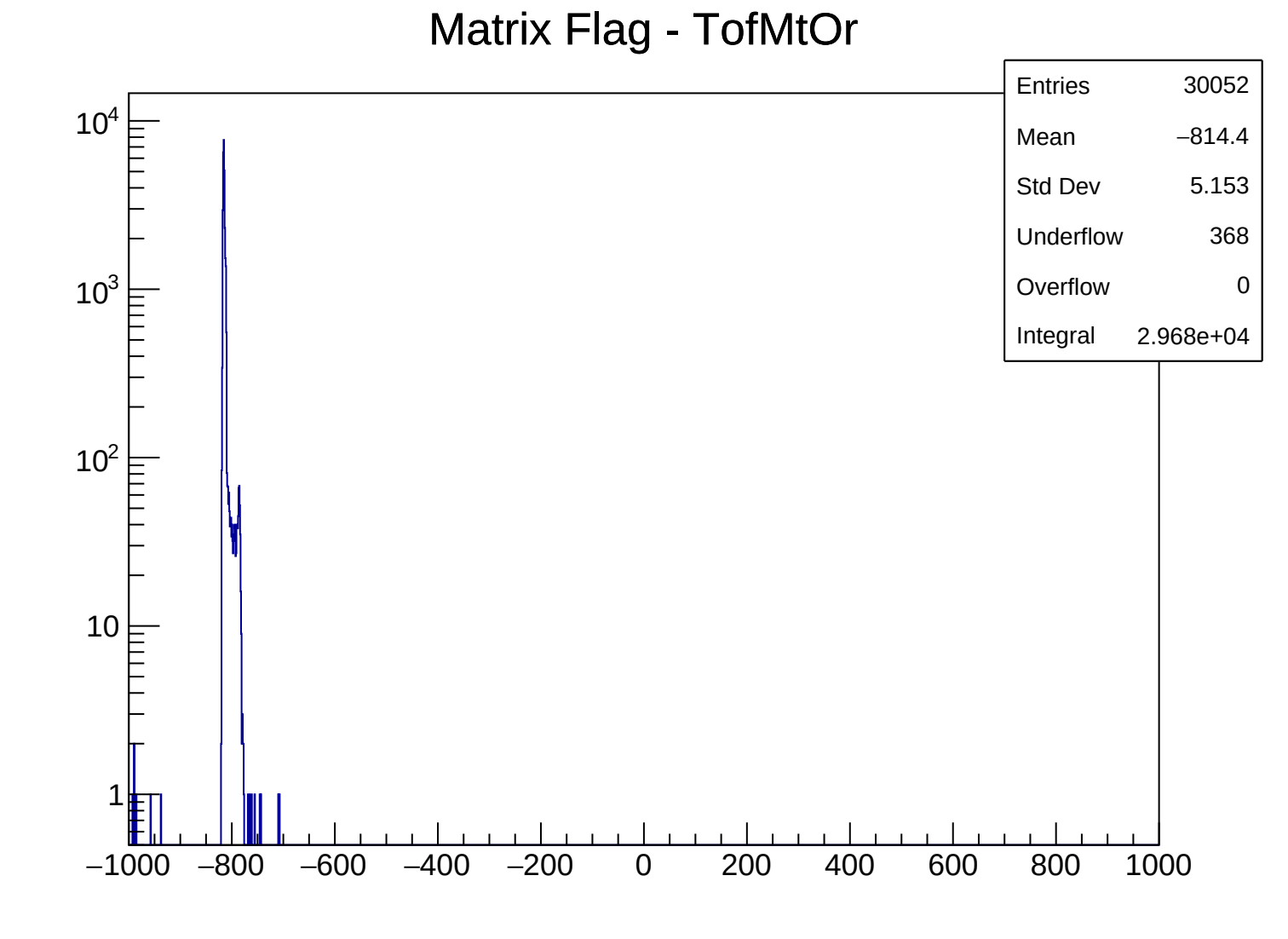

Sch-Tof Cut3: Sch&TOF-> nhits=1 & Maxdepth =1 & ntKurama=1
Entries 18770
Mean −480.3
Std Dev 4.625
Underflow 0
Overflow 0
Integral 1.877e+04
10000
8000
6000
4000
2000
0
−800
−750
−700
−650
−600
−550
−500
−450
−400
−350
−300

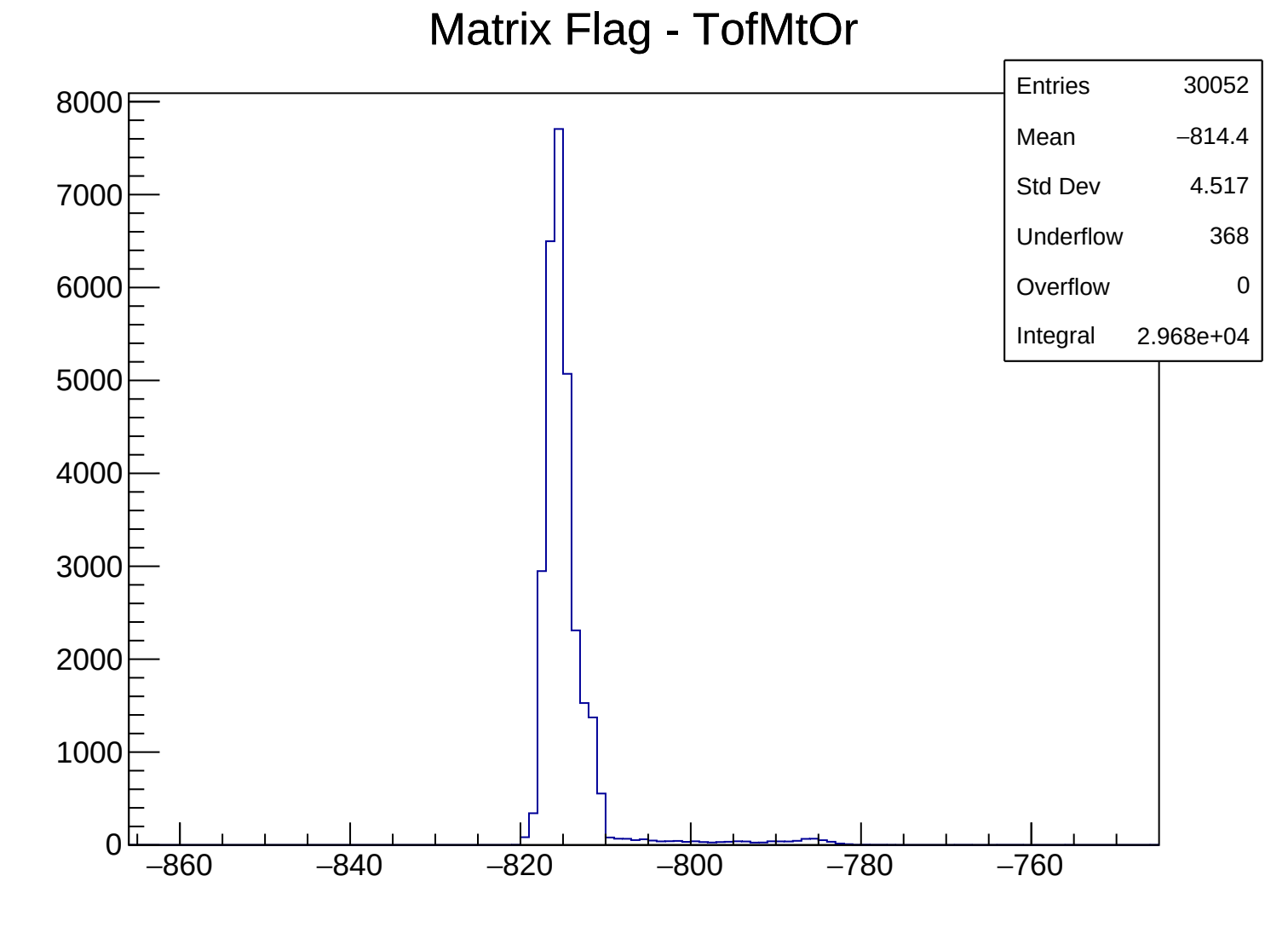

Sch-Tof Cut3: Sch&TOF-> nhits=1 & Maxdepth =1 & ntKurama=1
Entries 18770
Mean −480.3
Std Dev 4.779
Underflow 0
Overflow 0
Integral 1.877e+04
10000
8000
6000
4000
2000
0
−520
−500
−480
−460
−440
−420

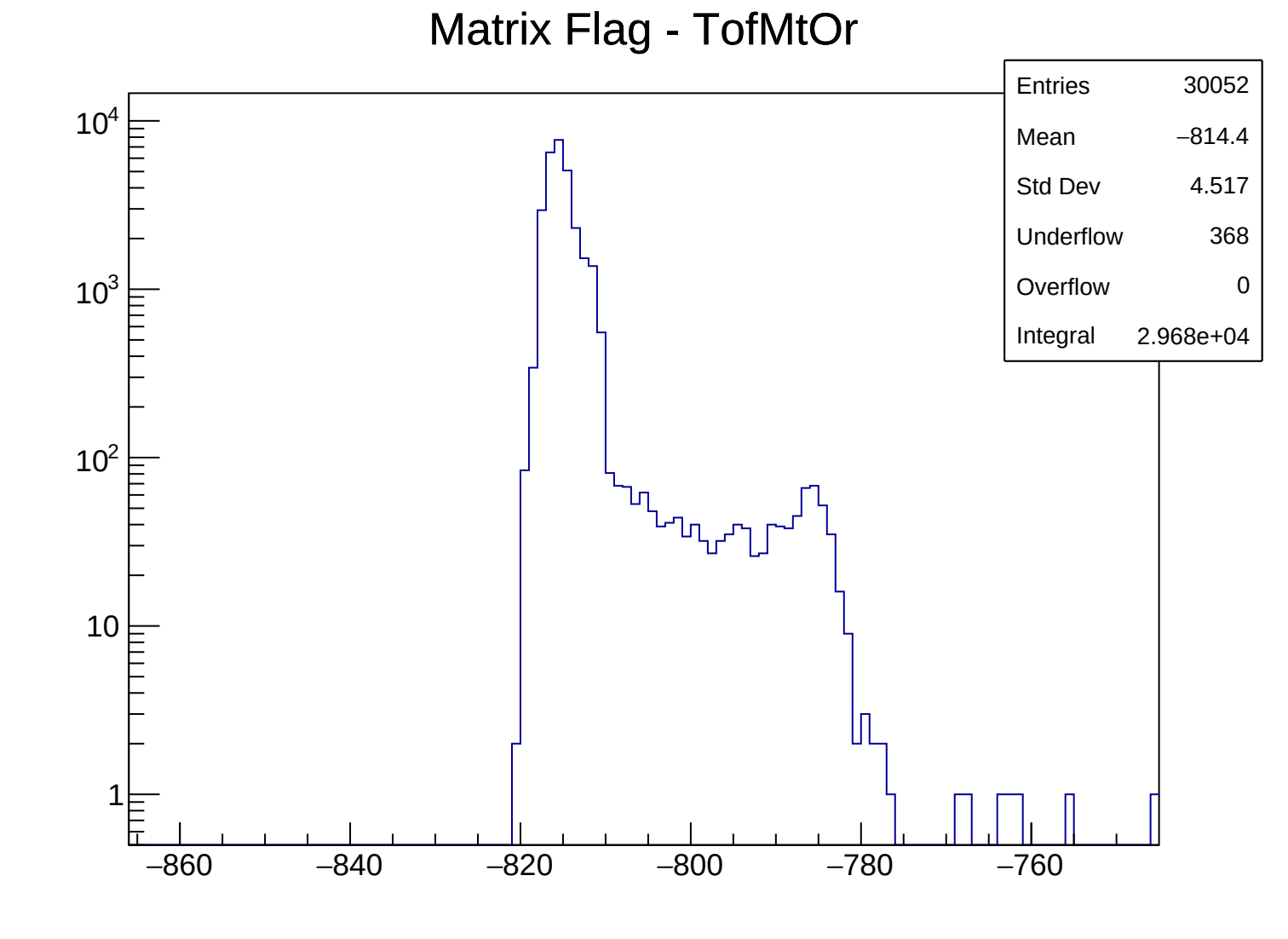

Sft-Tof Cut2: Sft&TOF-> nhits=1 & Maxdepth =1
Entries 3457
Mean 0
Std Dev 0
Underflow 2682
Overflow 775
Integral 0
1
0.8
0.6
0.4
0.2
0
–1
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1

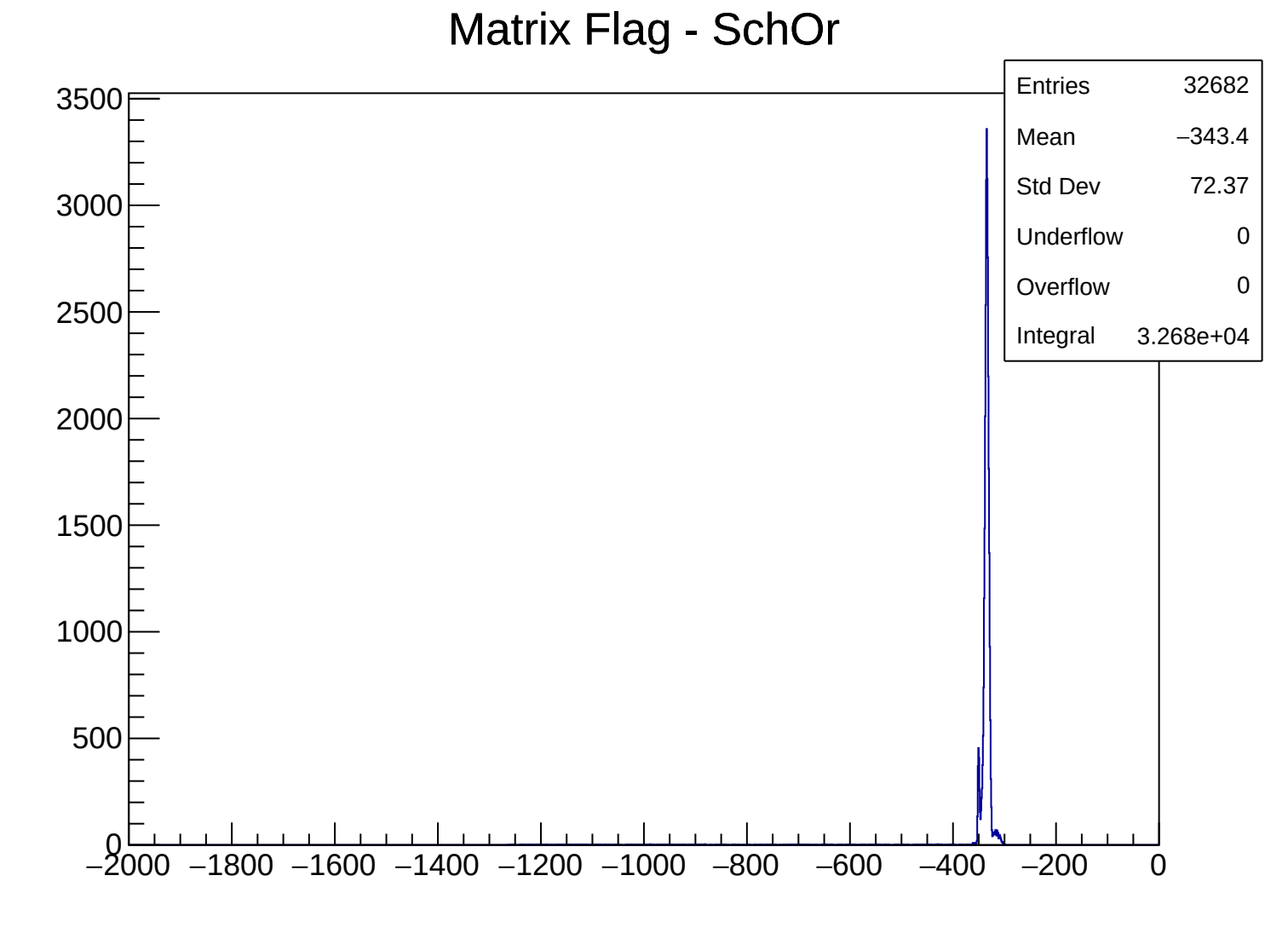

Sft-Tof Cut2: Sft&TOF-> nhits=1 & Maxdepth =1
Entries 3457
Mean –0.5522
Std Dev 0.8349
Underflow 2682
Overflow 775
Integral 3457
2500
2000
1500
1000
500
0
–1
–0.5
0
0.5
1

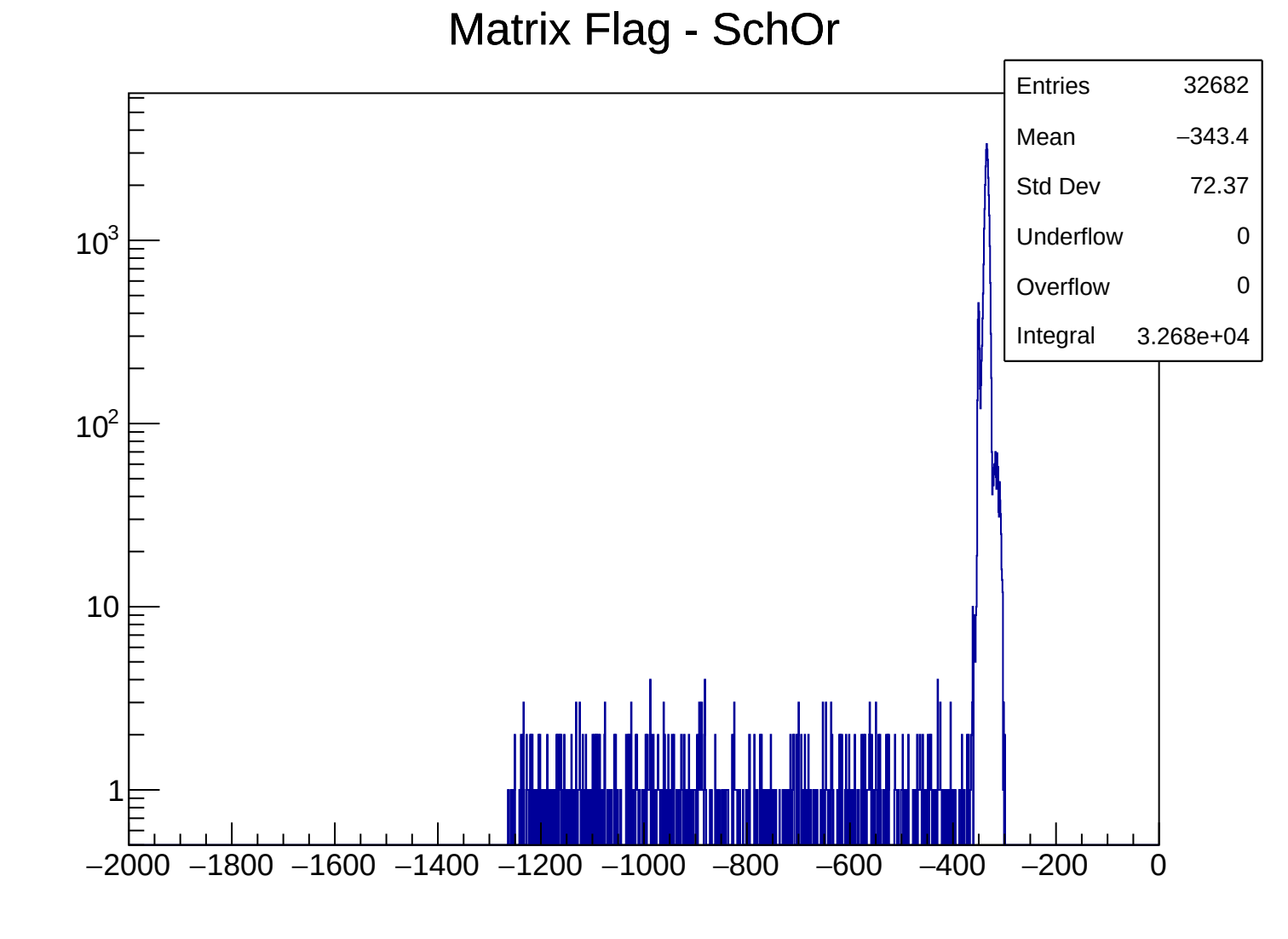

Matrix Flag - TofMtOr
Entries 30052
Mean −814.4
Std Dev 5.153
Underflow 368
Overflow 0
Integral 2.968e+04
8000
7000
6000
5000
4000
3000
2000
1000
0
−1000
−800
−600
−400
−200
0
200
400
600
800
1000

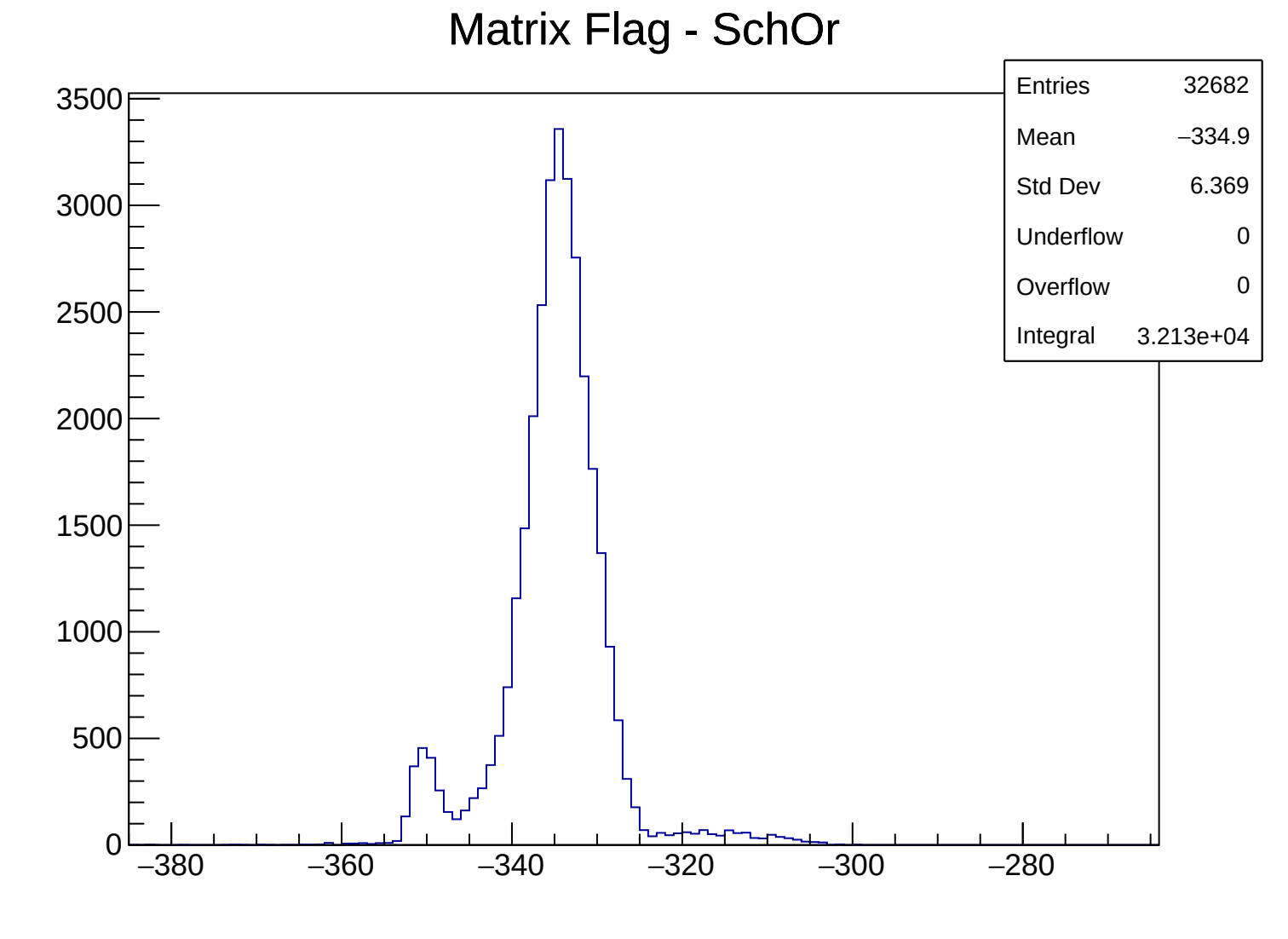

Matrix Flag - TofMtOr
Entries 30052
Mean −814.4
Std Dev 5.153
Underflow 368
Overflow 0
Integral 2.968e+04
10^4
10^3
10^2
10
1
−1000
−800
−600
−400
−200
0
200
400
600
800
1000

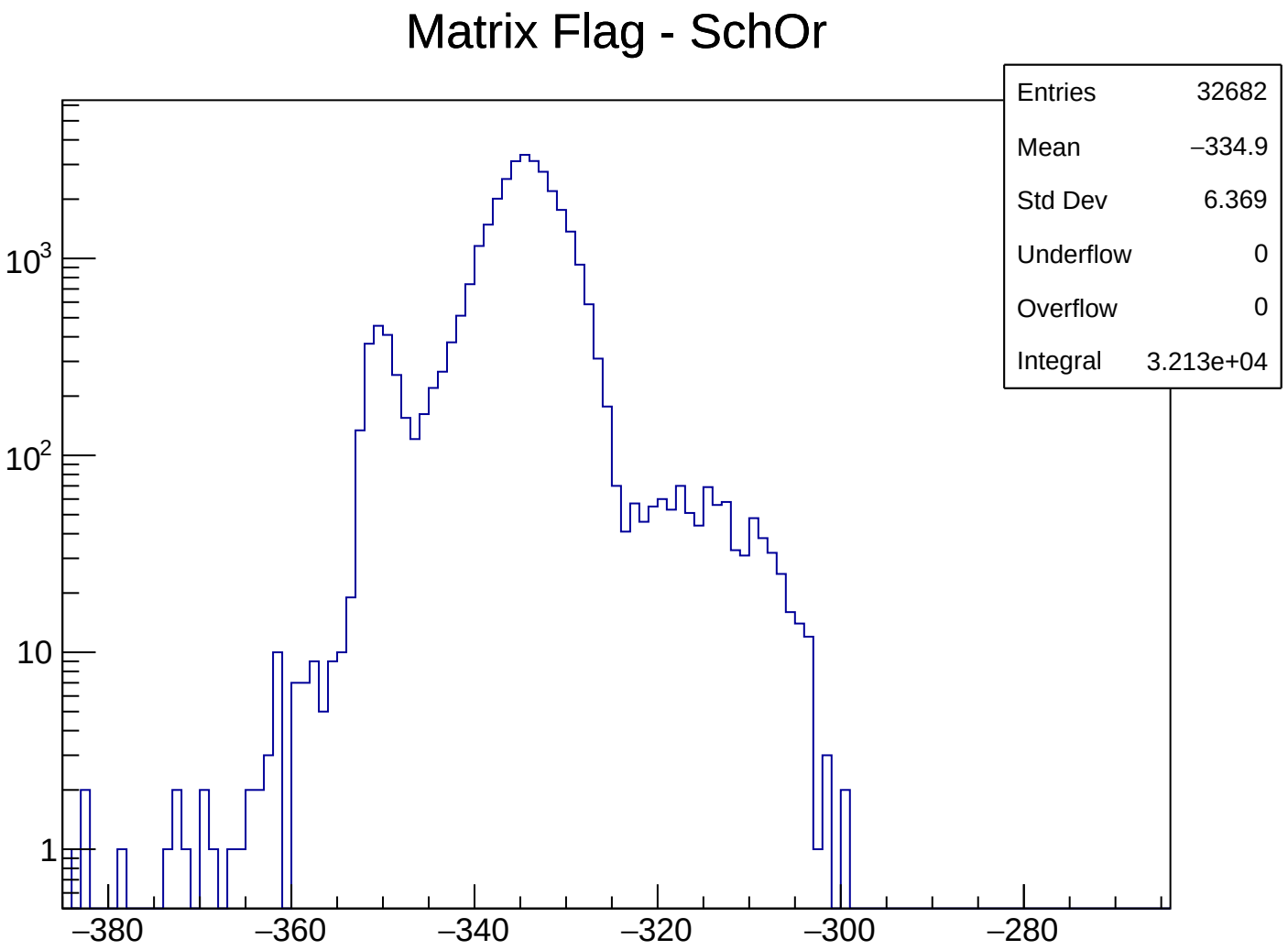

Matrix Flag - TofMtOr
Entries 30052
Mean −814.4
Std Dev 4.517
Underflow 368
Overflow 0
Integral 2.968e+04
8000
7000
6000
5000
4000
3000
2000
1000
0
−860
−840
−820
−800
−780
−760

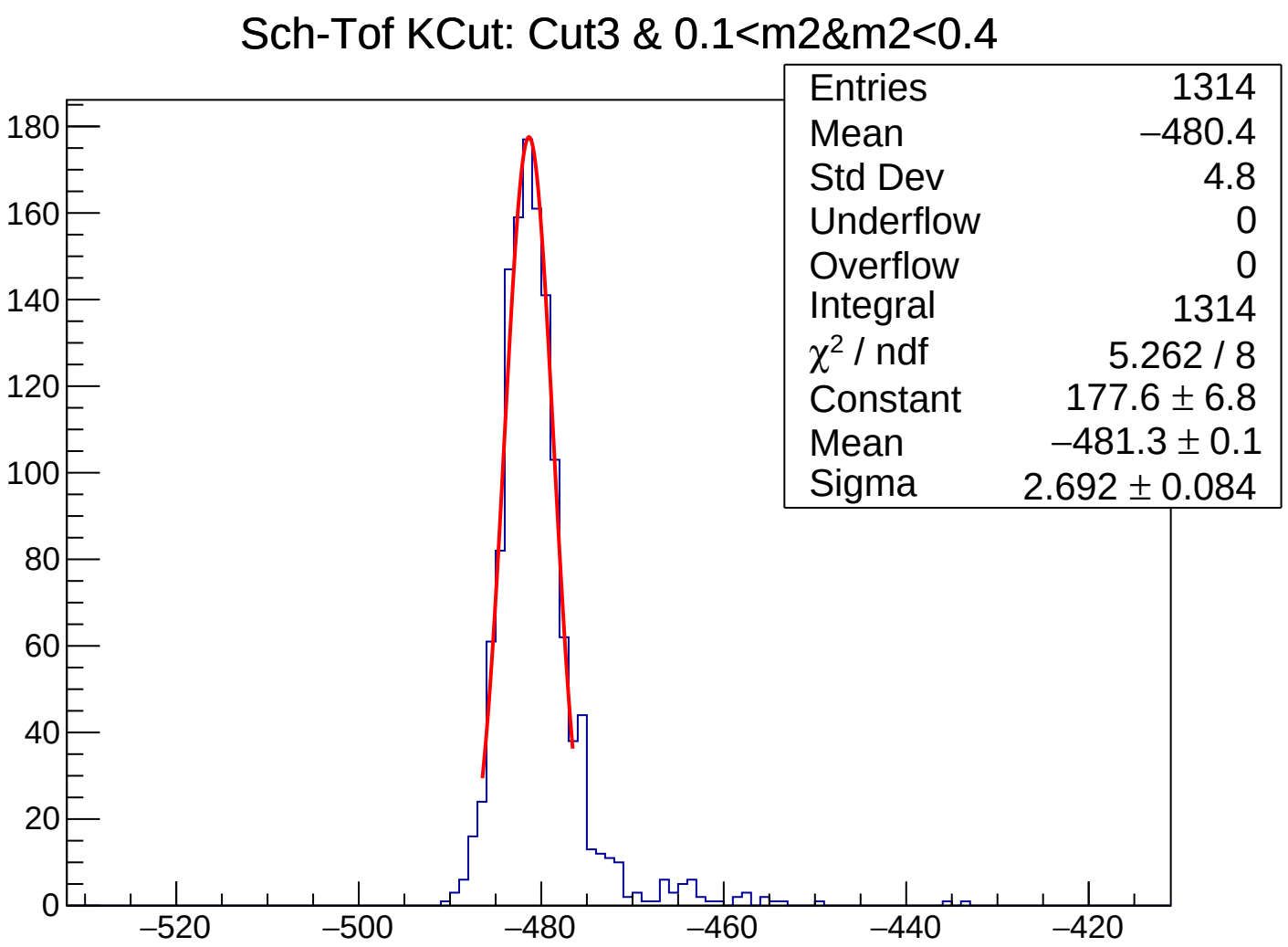

Matrix Flag - TofMtOr
Entries 30052
Mean −814.4
Std Dev 4.517
Underflow 368
Overflow 0
Integral 2.968e+04
10^4
10^3
10^2
10
1
−860
−840
−820
−800
−780
−760

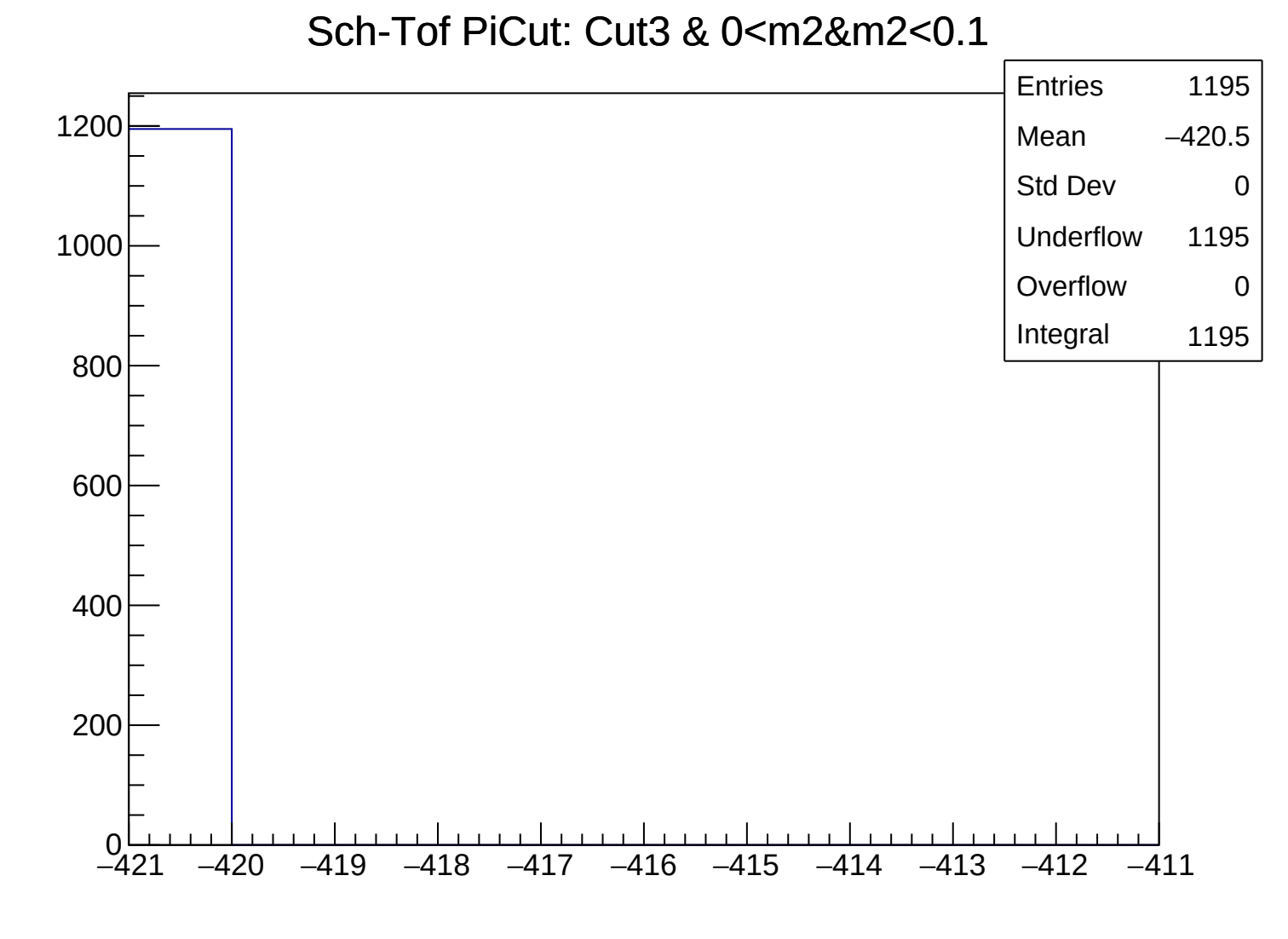

Matrix Flag - SchOr
Entries 32682
Mean −343.4
Std Dev 72.37
Underflow 0
Overflow 0
Integral 3.268e+04
3500
3000
2500
2000
1500
1000
500
0
−2000
−1800
−1600
−1400
−1200
−1000
−800
−600
−400
−200
0

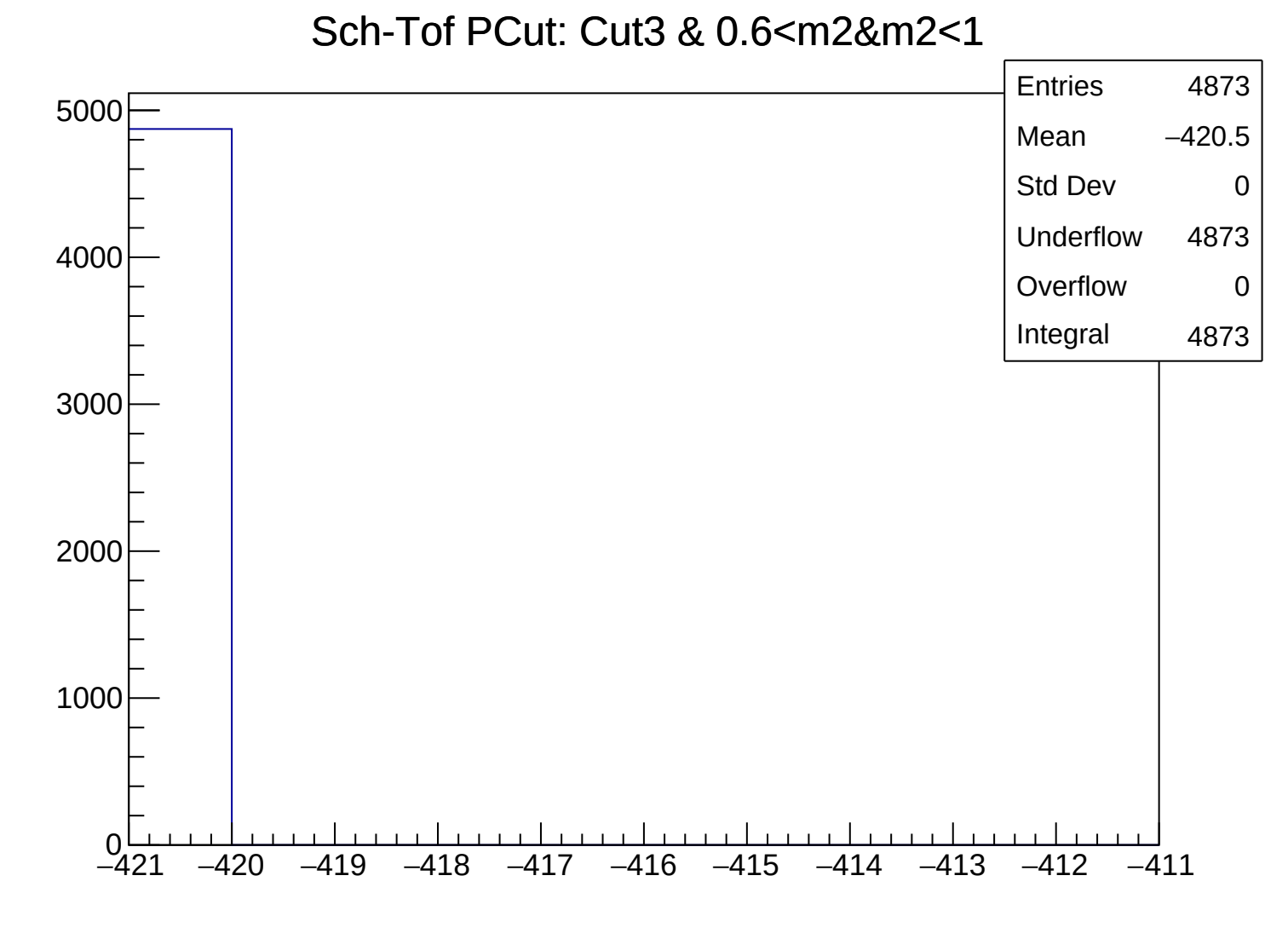

Matrix Flag - SchOr
Entries 32682
Mean −343.4
Std Dev 72.37
Underflow 0
Overflow 0
Integral 3.268e+04
10^3
10^2
10
1
−2000 −1800 −1600 −1400 −1200 −1000 −800 −600 −400 −200 0

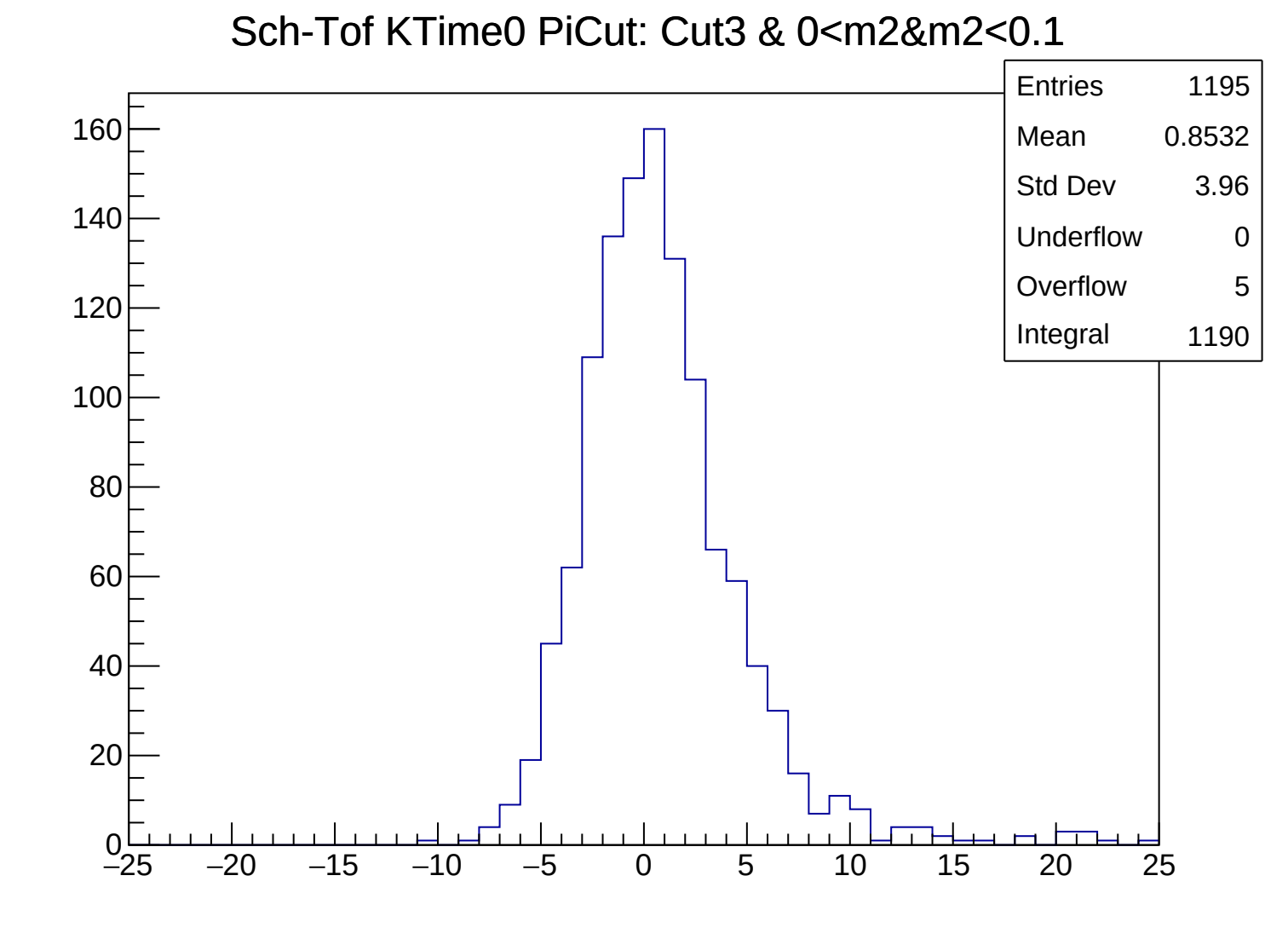

Matrix Flag - SchOr
Entries 32682
Mean −334.9
Std Dev 6.369
Underflow 0
Overflow 0
Integral 3.213e+04
3500
3000
2500
2000
1500
1000
500
0
−380
−360
−340
−320
−300
−280

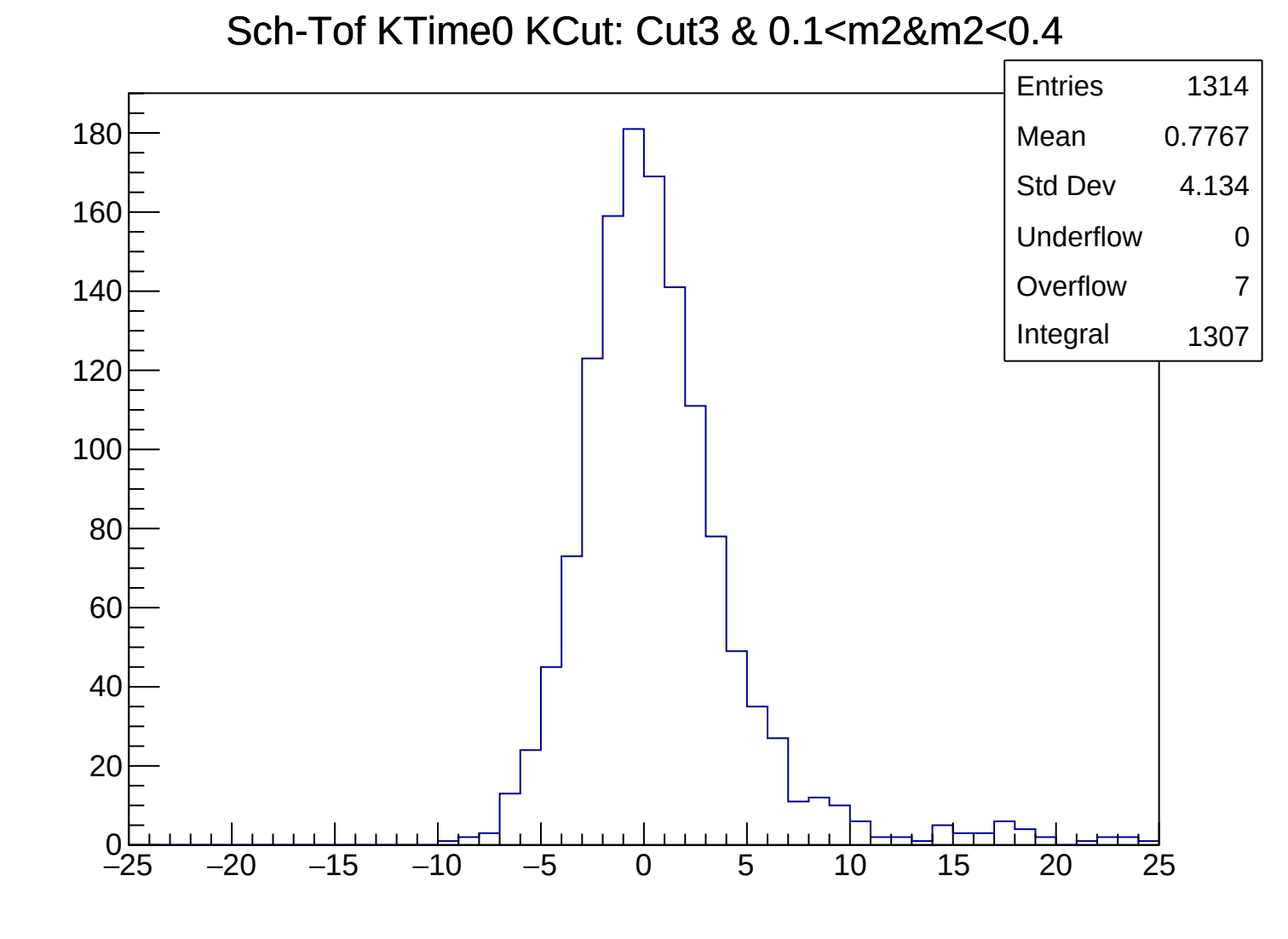

Matrix Flag - SchOr
Entries 32682
Mean −334.9
Std Dev 6.369
Underflow 0
Overflow 0
Integral 3.213e+04
10^3
10^2
10
1
−380
−360
−340
−320
−300
−280

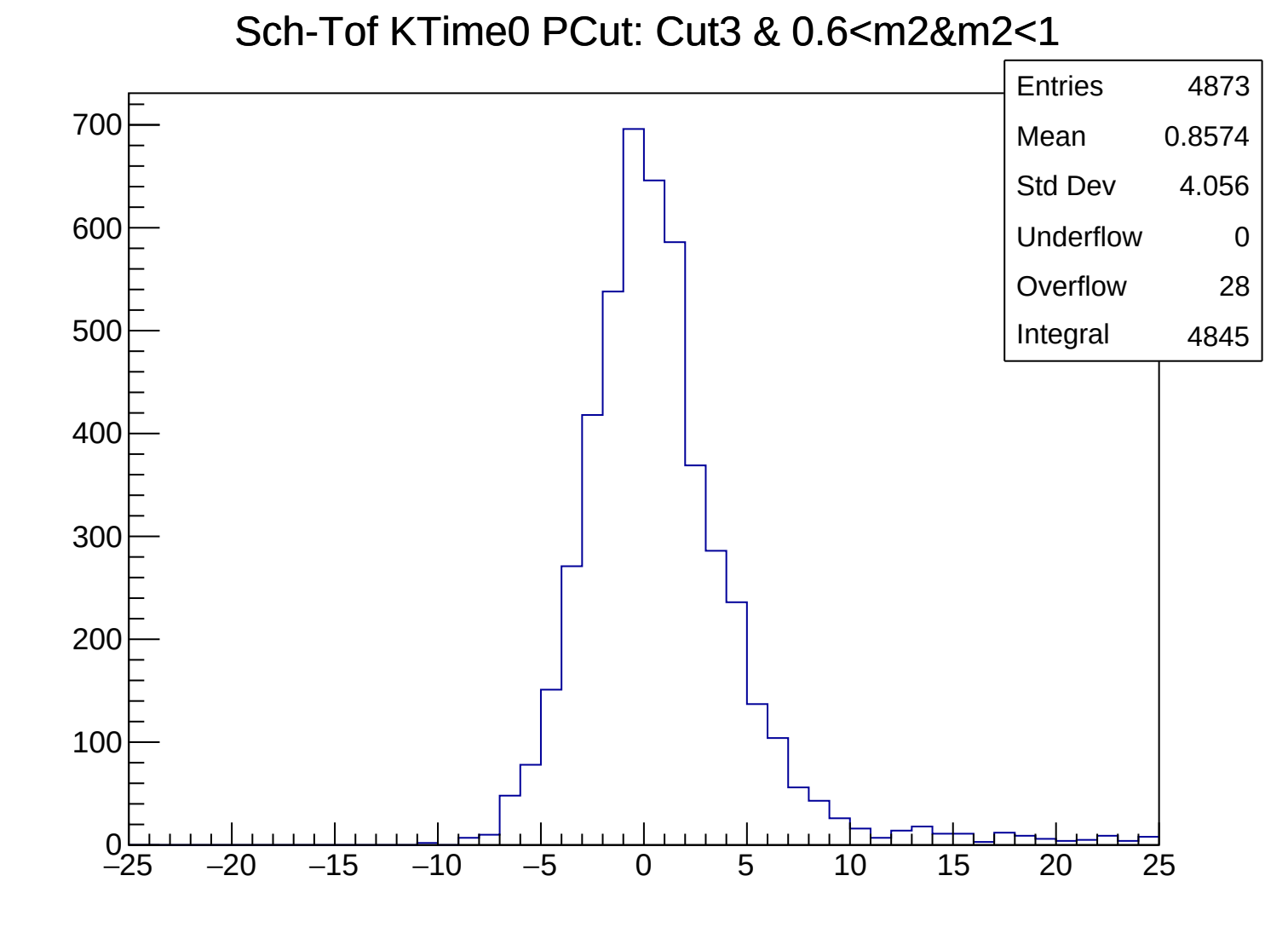

Sch-Tof KCut: Cut3 & 0.1<m2&m2<0.4
Entries 1314
Mean –480.4
Std Dev 4.8
Underflow 0
Overflow 0
Integral 1314
χ² / ndf 5.262 / 8
Constant 177.6 ± 6.8
Mean –481.3 ± 0.1
Sigma 2.692 ± 0.084
180
160
140
120
100
80
60
40
20
0
–520
–500
–480
–460
–440
–420

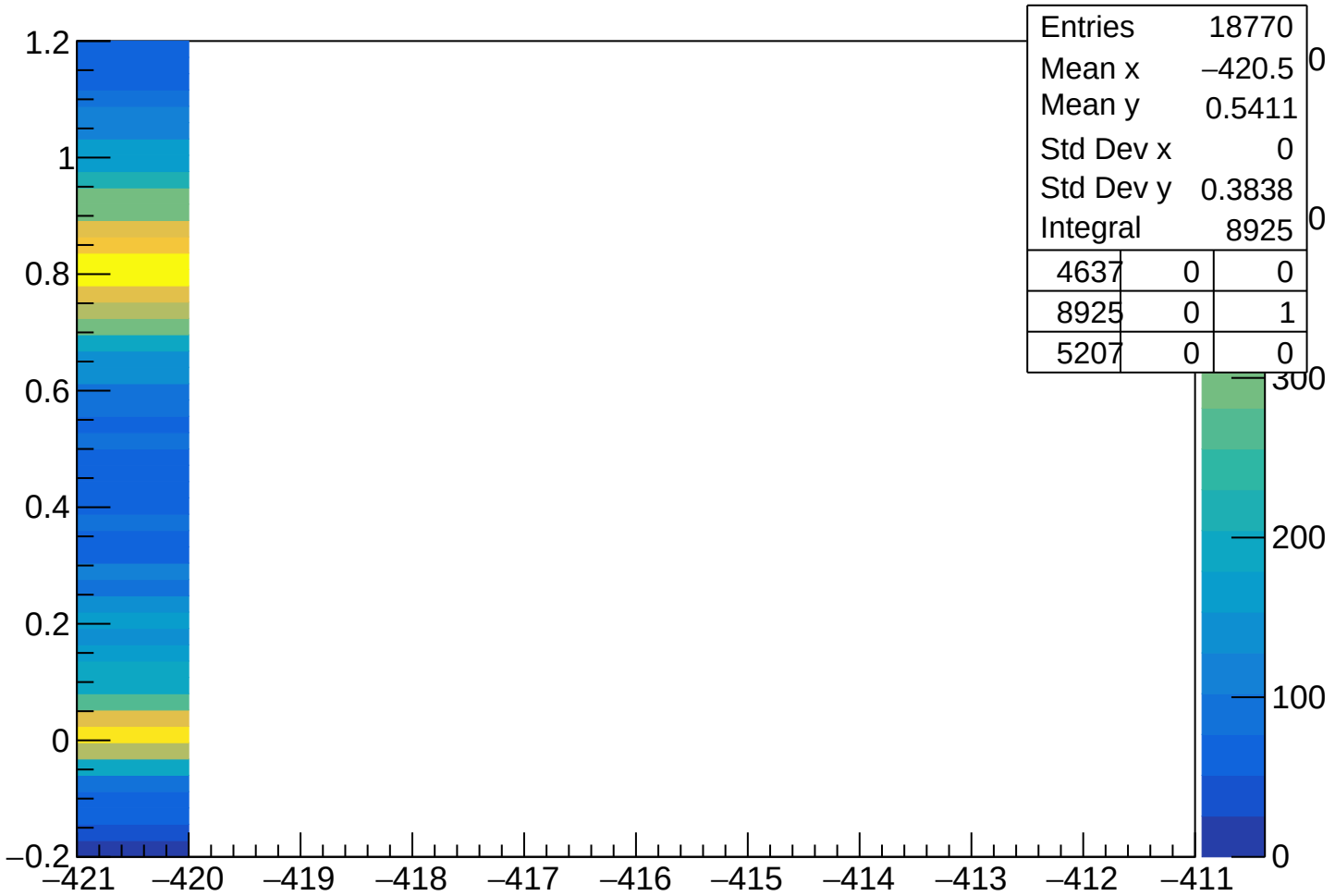

Sch-Tof PiCut: Cut3 & 0<m2&m2<0.1
Entries 1195
Mean –420.5
Std Dev 0
Underflow 1195
Overflow 0
Integral 1195
1200
1000
800
600
400
200
0
–421
–420
–419
–418
–417
–416
–415
–414
–413
–412
–411

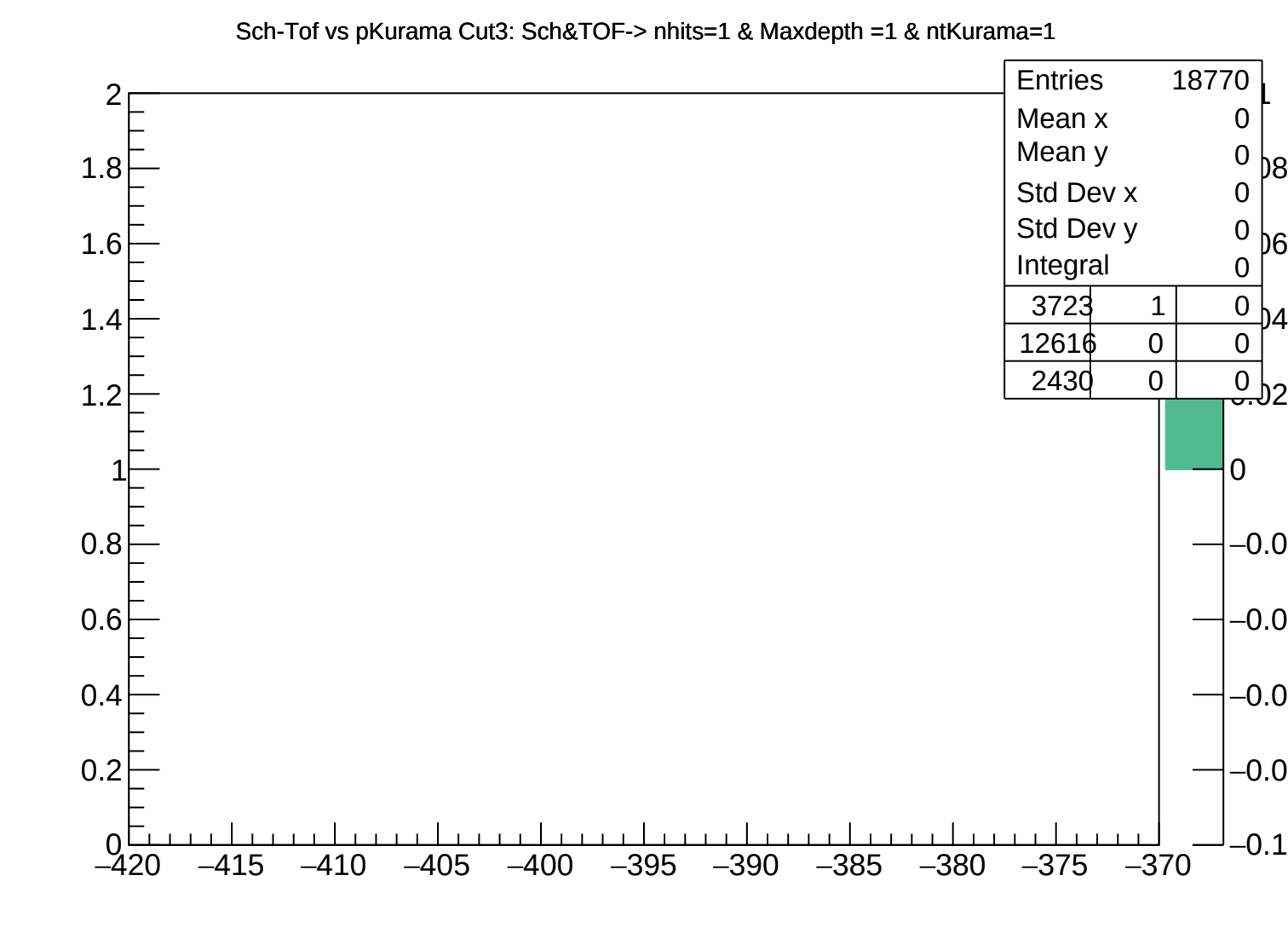

Sch-Tof PCut: Cut3 & 0.6<m2&m2<1
Entries 4873
Mean –420.5
Std Dev 0
Underflow 4873
Overflow 0
Integral 4873
5000
4000
3000
2000
1000
0
–421
–420
–419
–418
–417
–416
–415
–414
–413
–412
–411

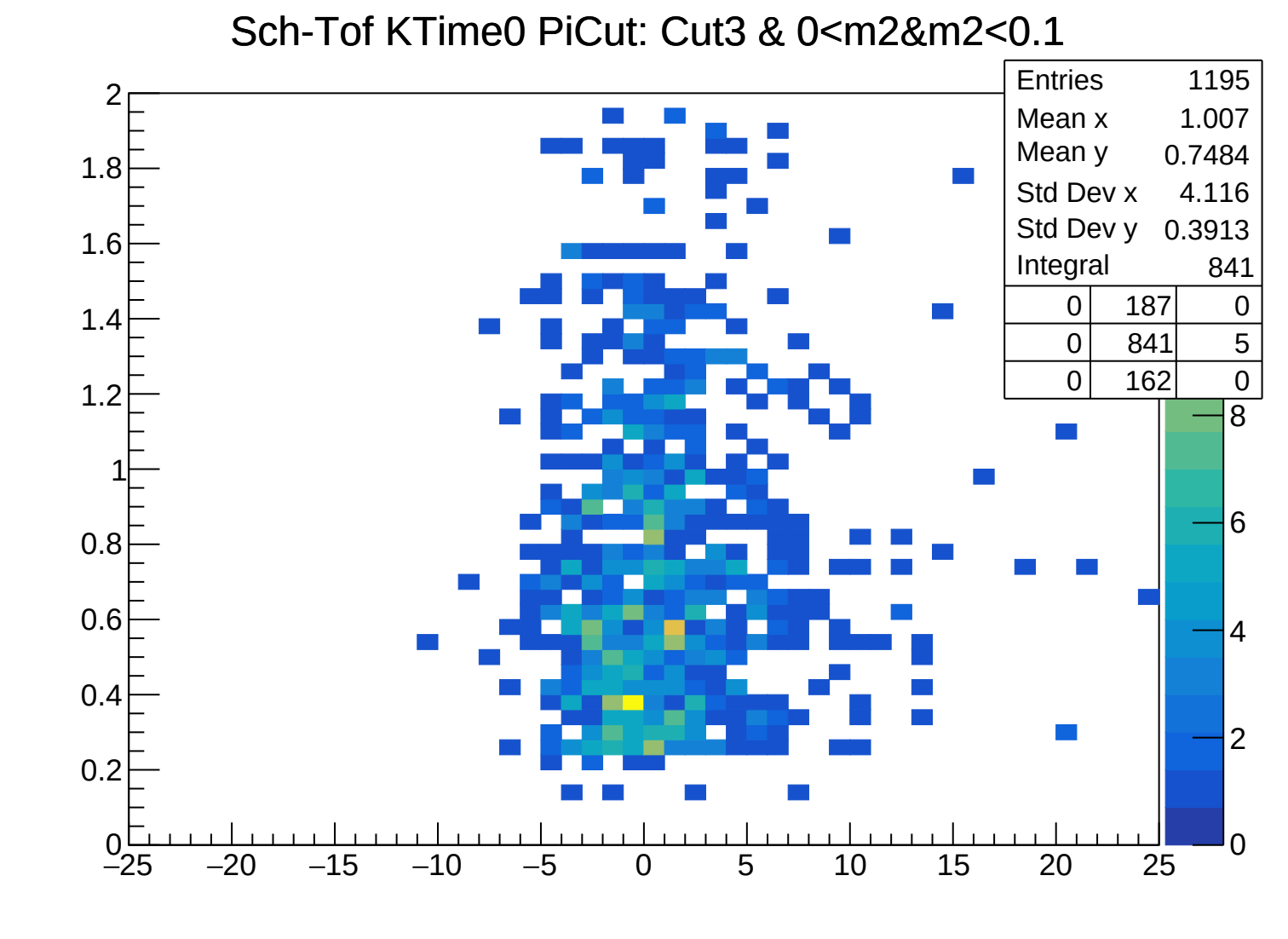

Sch-Tof KTime0 PiCut: Cut3 & 0<m2&m2<0.1
Entries 1195
Mean 0.8532
Std Dev 3.96
Underflow 0
Overflow 5
Integral 1190
160
140
120
100
80
60
40
20
0
–25
–20
–15
–10
–5
0
5
10
15
20
25

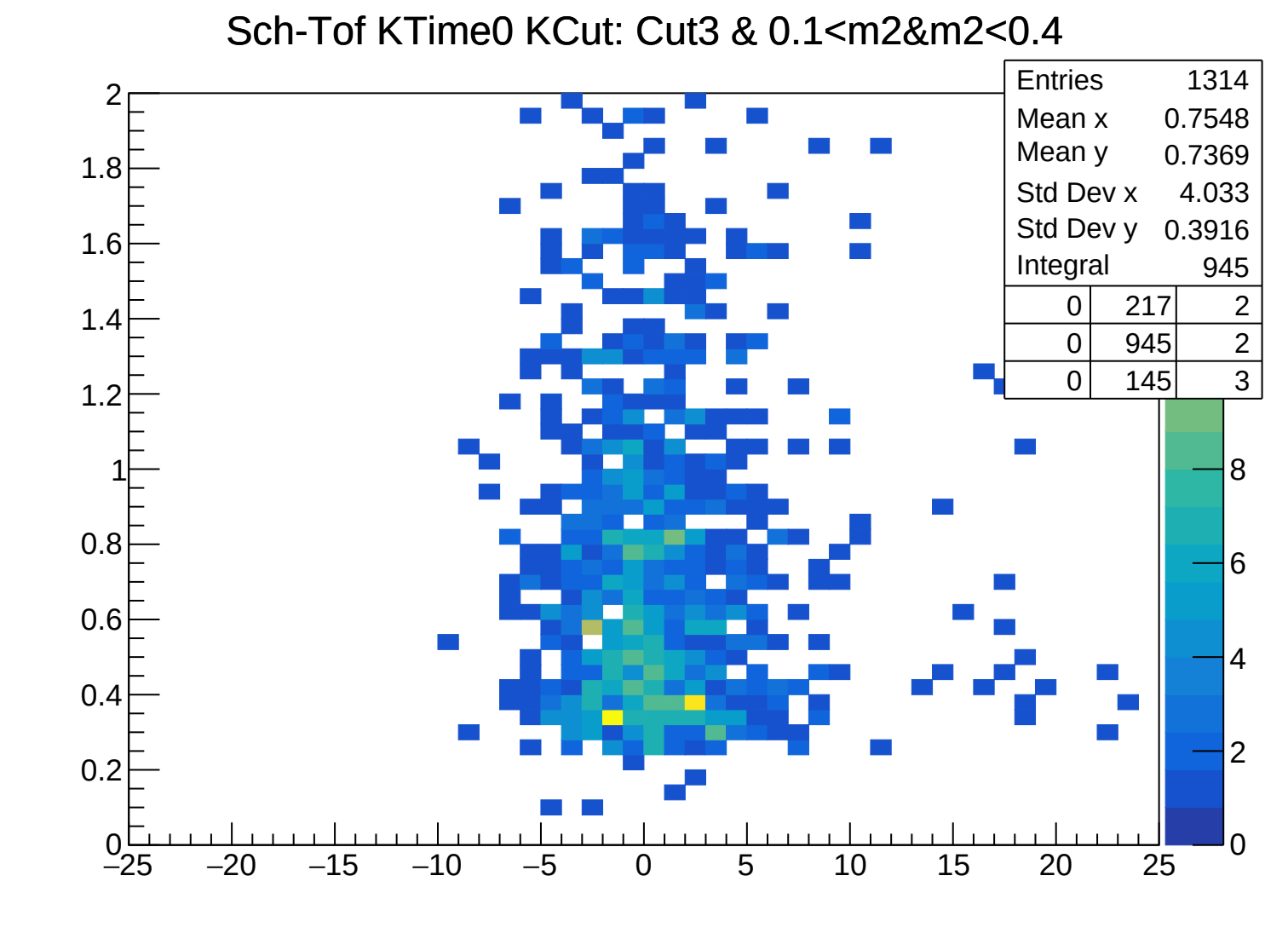

Sch-Tof KTime0 KCut: Cut3 & 0.1<m2&m2<0.4
Entries 1314
Mean 0.7767
Std Dev 4.134
Underflow 0
Overflow 7
Integral 1307
180
160
140
120
100
80
60
40
20
0
–25
–20
–15
–10
–5
0
5
10
15
20
25

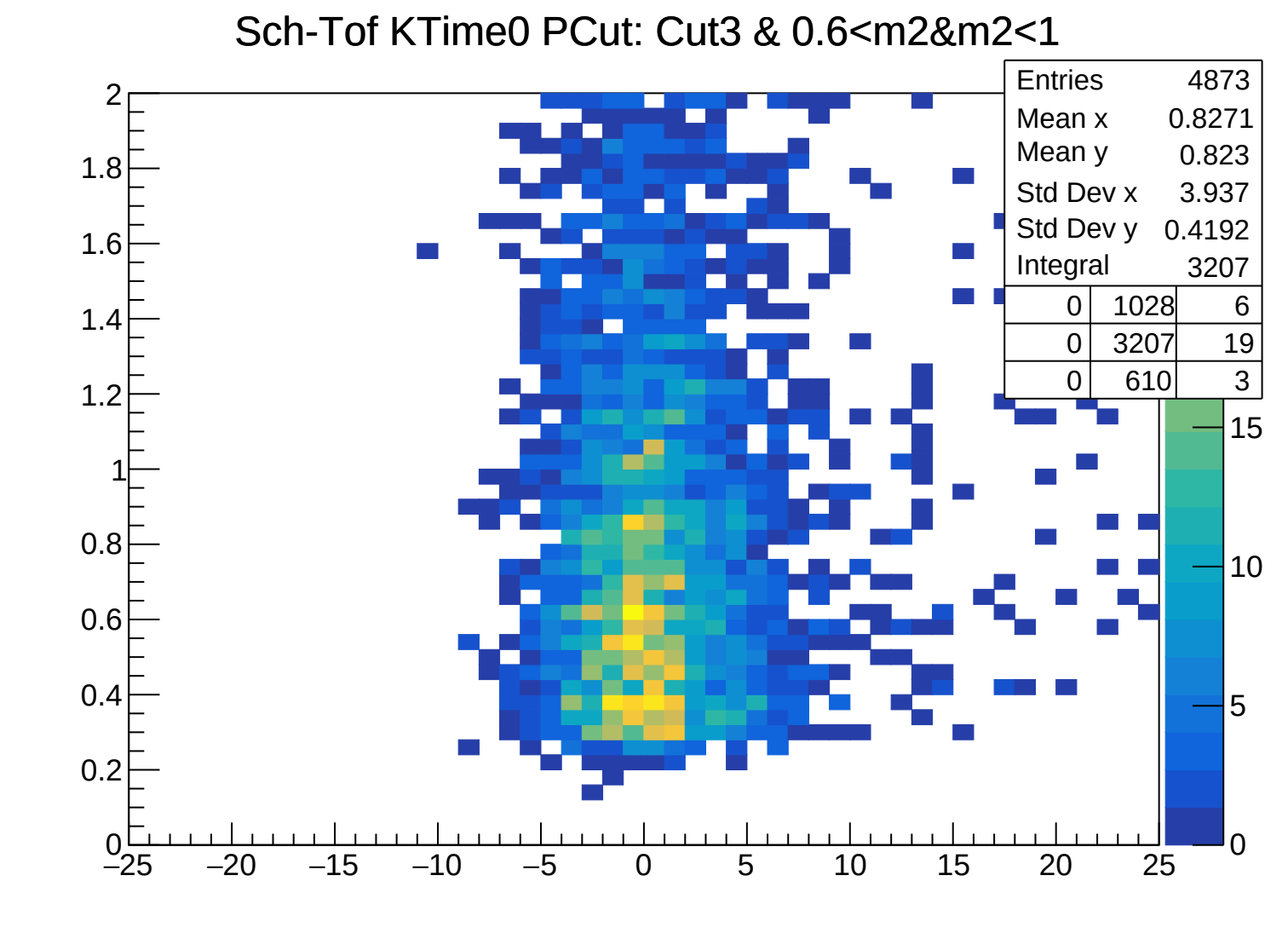

Sch-Tof KTime0 PCut: Cut3 & 0.6<m2&m2<1
Entries 4873
Mean 0.8574
Std Dev 4.056
Underflow 0
Overflow 28
Integral 4845
700
600
500
400
300
200
100
0
–25
–20
–15
–10
–5
0
5
10
15
20
25

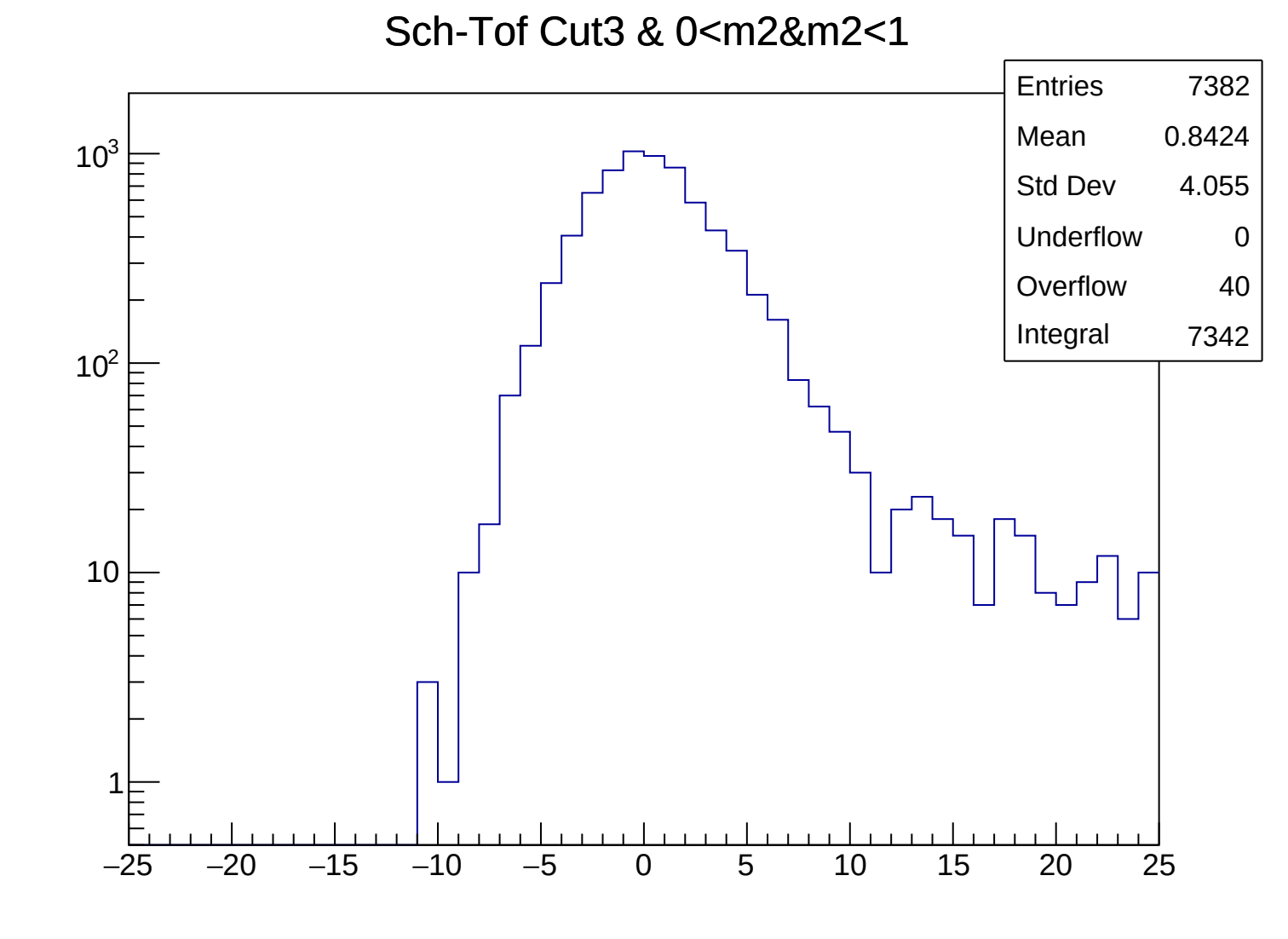

Sch-Tof vs m2 Cut3: Sch&TOF-> nhits=1 & Maxdepth =1 & ntKurama=1
Entries 18770
Mean x −420.5
Mean y 0.5411
Std Dev x 0
Std Dev y 0.3838
Integral 8925
4637 0 0
8925 0 1
5207 0 0
1.2
1
0.8
0.6
0.4
0.2
0
−0.2
−421
−420
−419
−418
−417
−416
−415
−414
−413
−412
−411
300
200
100
0

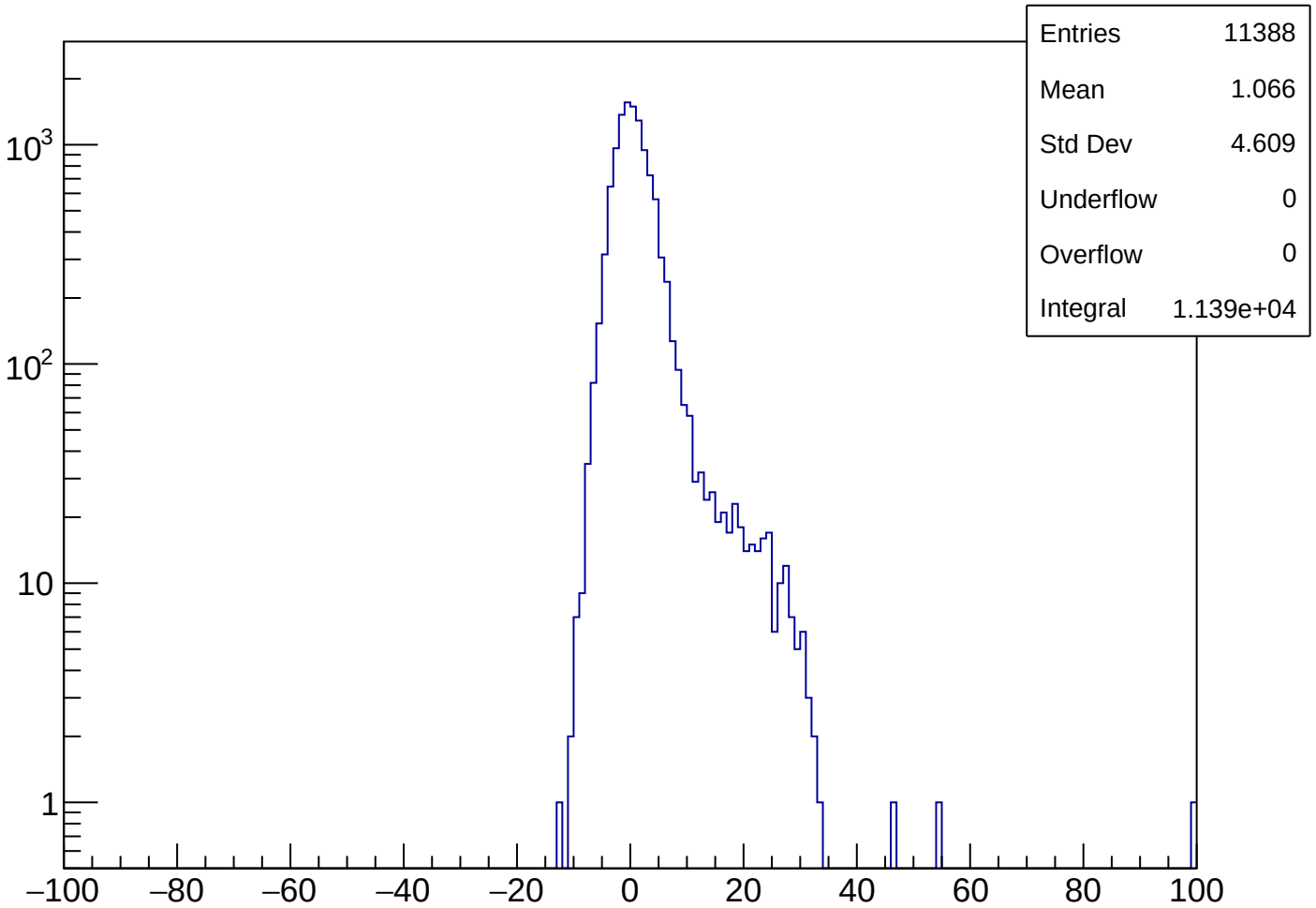

Sch-Tof vs pKurama Cut3: Sch&TOF-> nhits=1 & Maxdepth =1 & ntKurama=1
Entries 18770
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
Integral 0
3723 1 0
12616 0 0
2430 0 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
–420
–415
–410
–405
–400
–395
–390
–385
–380
–375
–370
0
–0.0
–0.0
–0.0
–0.0
–0.1

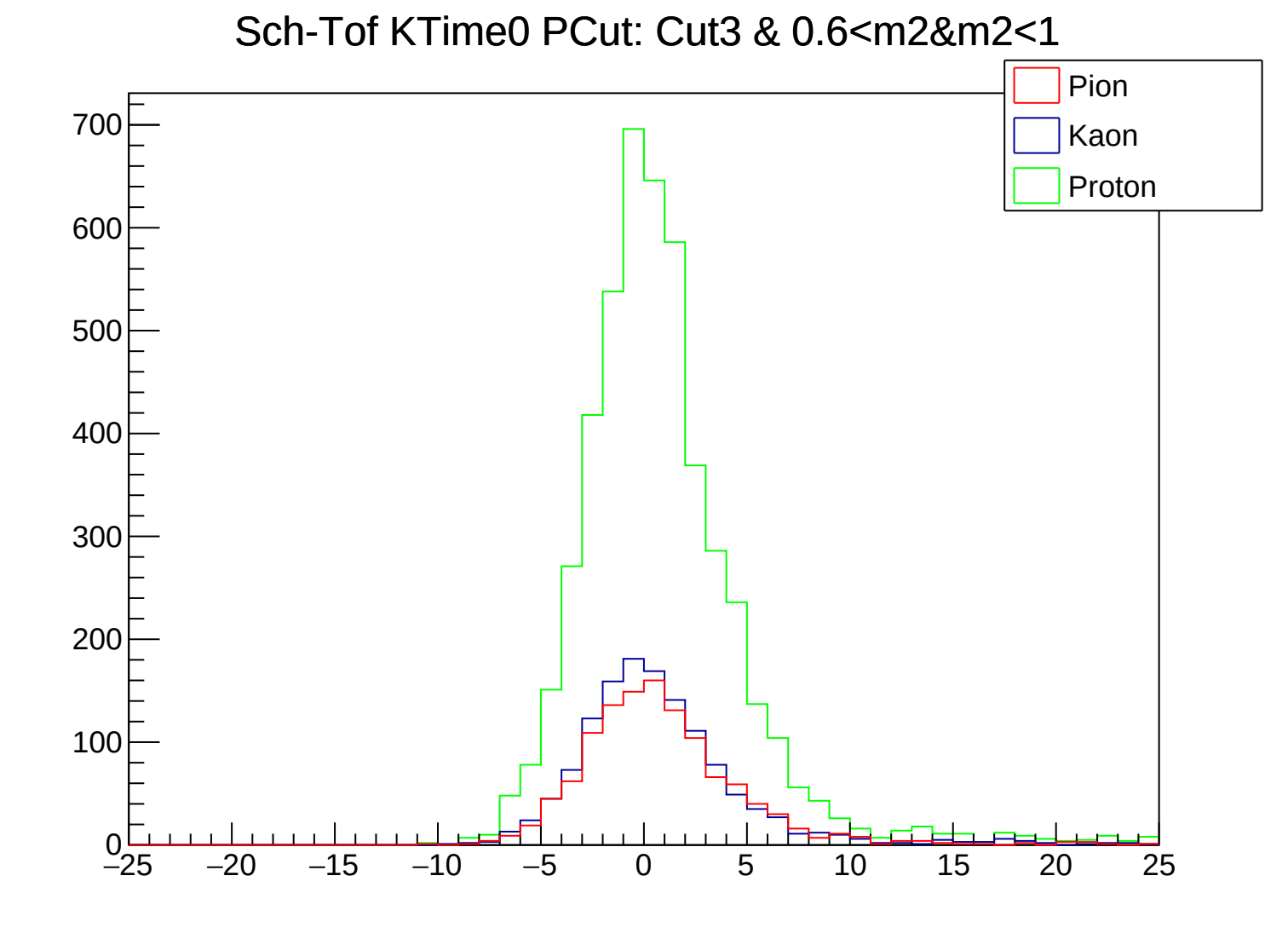

Sch-Tof KTime0 PiCut: Cut3 & 0<m2&m2<0.1
Entries 1195
Mean x 1.007
Mean y 0.7484
Std Dev x 4.116
Std Dev y 0.3913
Integral 841
0 187 0
0 841 5
0 162 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−25
−20
−15
−10
−5
0
5
10
15
20
25
8
6
4
2
0


Sch-Tof KTime0 KCut: Cut3 & 0.1<m2&m2<0.4
Entries 1314
Mean x 0.7548
Mean y 0.7369
Std Dev x 4.033
Std Dev y 0.3916
Integral 945
0 217 2
0 945 2
0 145 3
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
–25
–20
–15
–10
–5
0
5
10
15
20
25
8
6
4
2
0


Sch-Tof KTime0 PCut: Cut3 & 0.6<m2&m2<1
Entries 4873
Mean x 0.8271
Mean y 0.823
Std Dev x 3.937
Std Dev y 0.4192
Integral 3207
0 1028 6
0 3207 19
0 610 3
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
–25
–20
–15
–10
–5
0
5
10
15
20
25
15
10
5
0


Sch-Tof Cut3 & 0<m2&m2<1
Entries 7382
Mean 0.8424
Std Dev 4.055
Underflow 0
Overflow 40
Integral 7342
10^3
10^2
10
1
–25
–20
–15
–10
–5
0
5
10
15
20
25


Sch-Tof Cut3 & 1<m2&m2<0
Entries 11388
Mean 1.066
Std Dev 4.609
Underflow 0
Overflow 0
Integral 1.139e+04
10^3
10^2
10
1
–100
–80
–60
–40
–20
0
20
40
60
80
100


Sch-Tof KTime0 PCut: Cut3 & 0.6<m2&m2<1
Pion
Kaon
Proton
700
600
500
400
300
200
100
0
–25
–20
–15
–10
–5
0
5
10
15
20
25