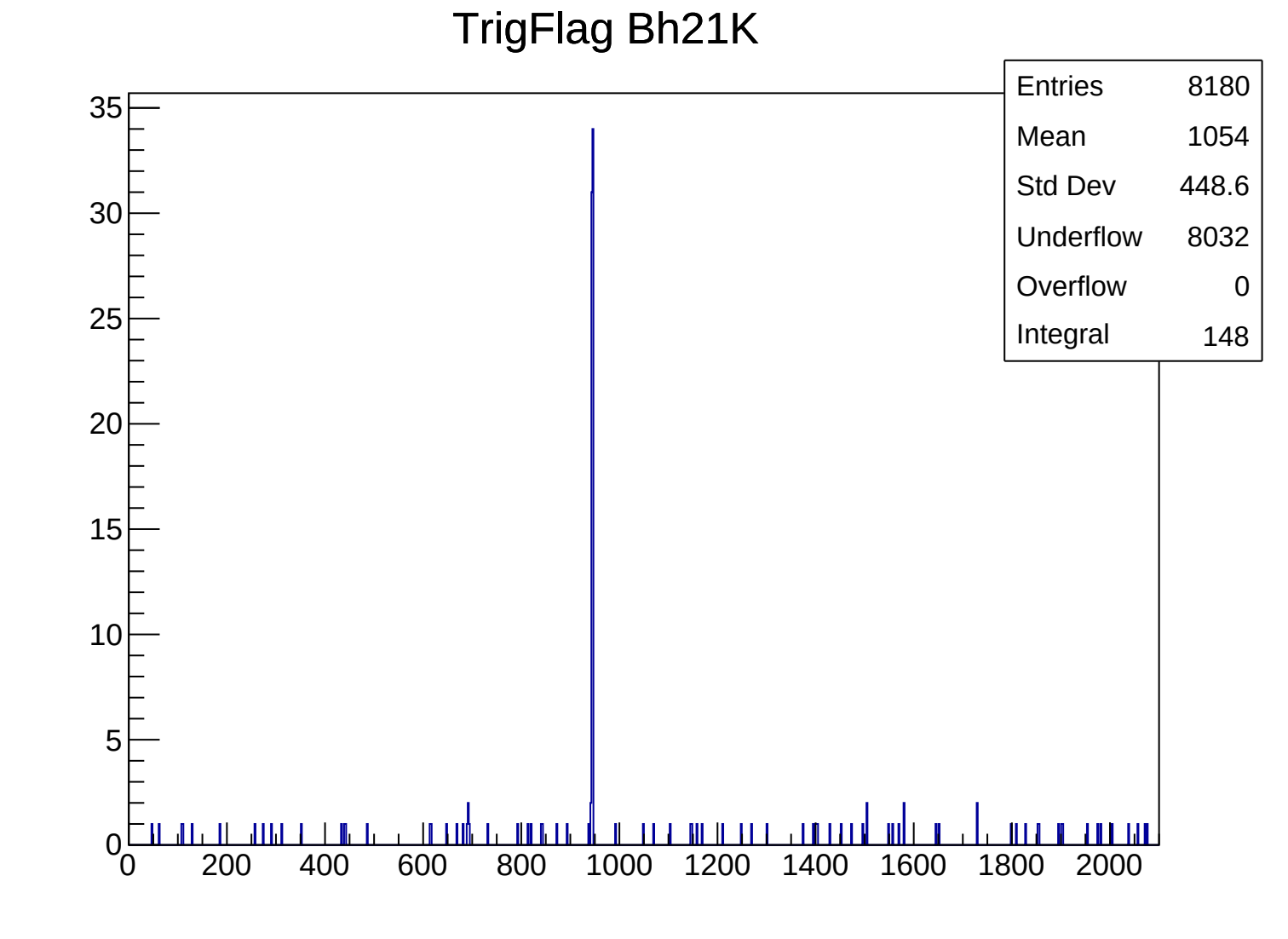
TrigFlag Bh21K
Entries 8180
Mean 1054
Std Dev 448.6
Underflow 8032
Overflow 0
Integral 148
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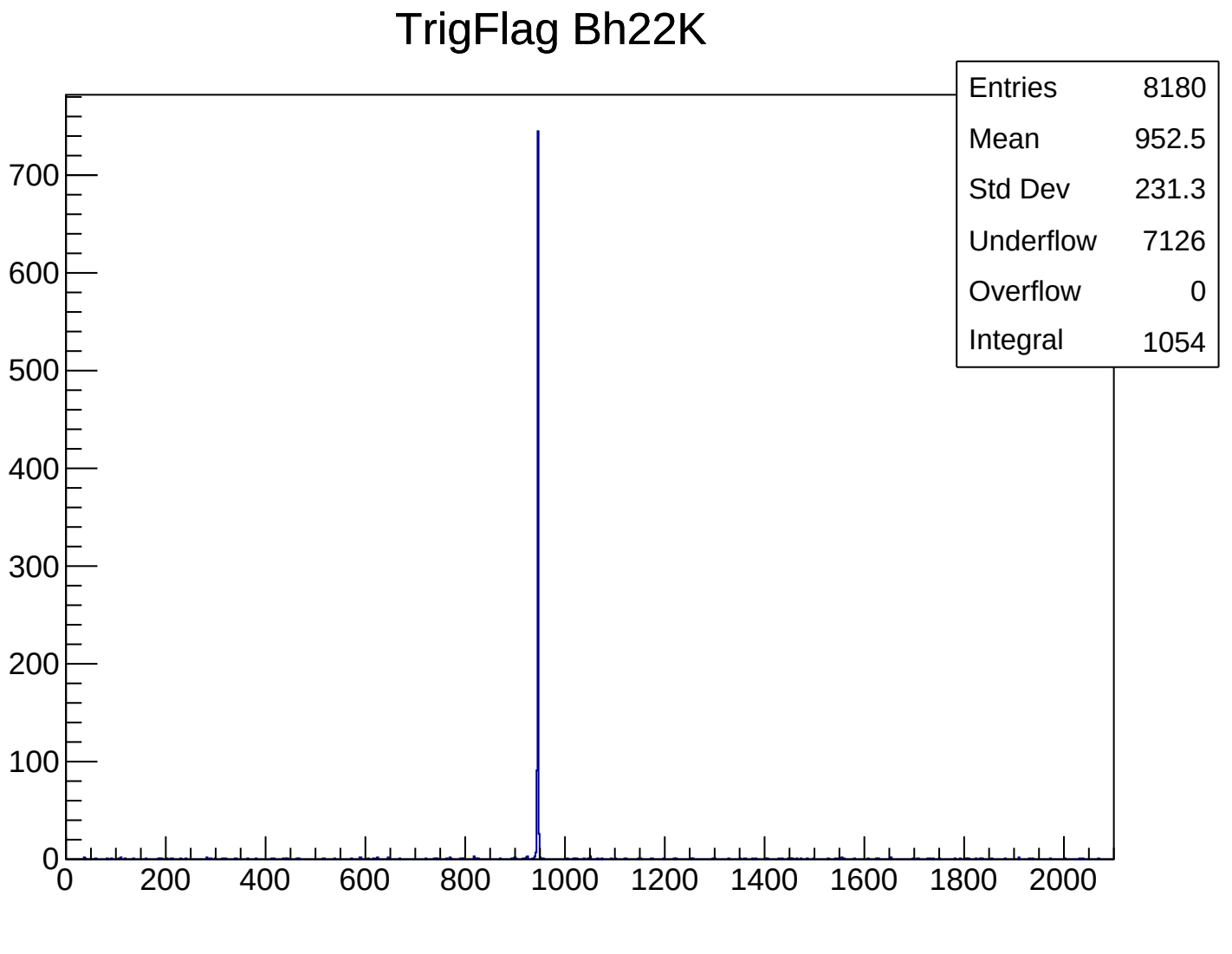
TrigFlag Bh22K
Entries 8180
Mean 952.5
Std Dev 231.3
Underflow 7126
Overflow 0
Integral 1054
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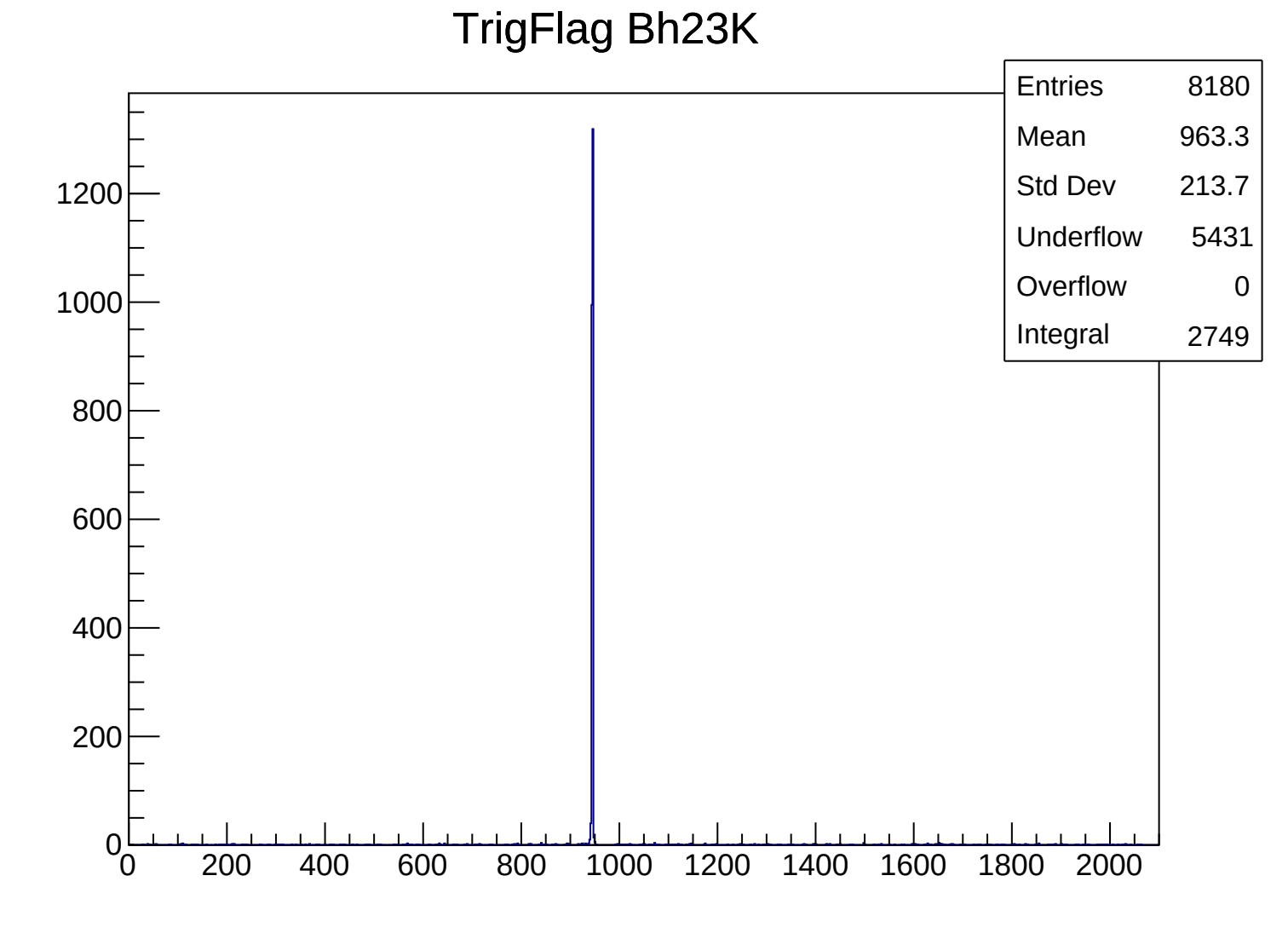
TrigFlag Bh23K
Entries 8180
Mean 963.3
Std Dev 213.7
Underflow 5431
Overflow 0
Integral 2749
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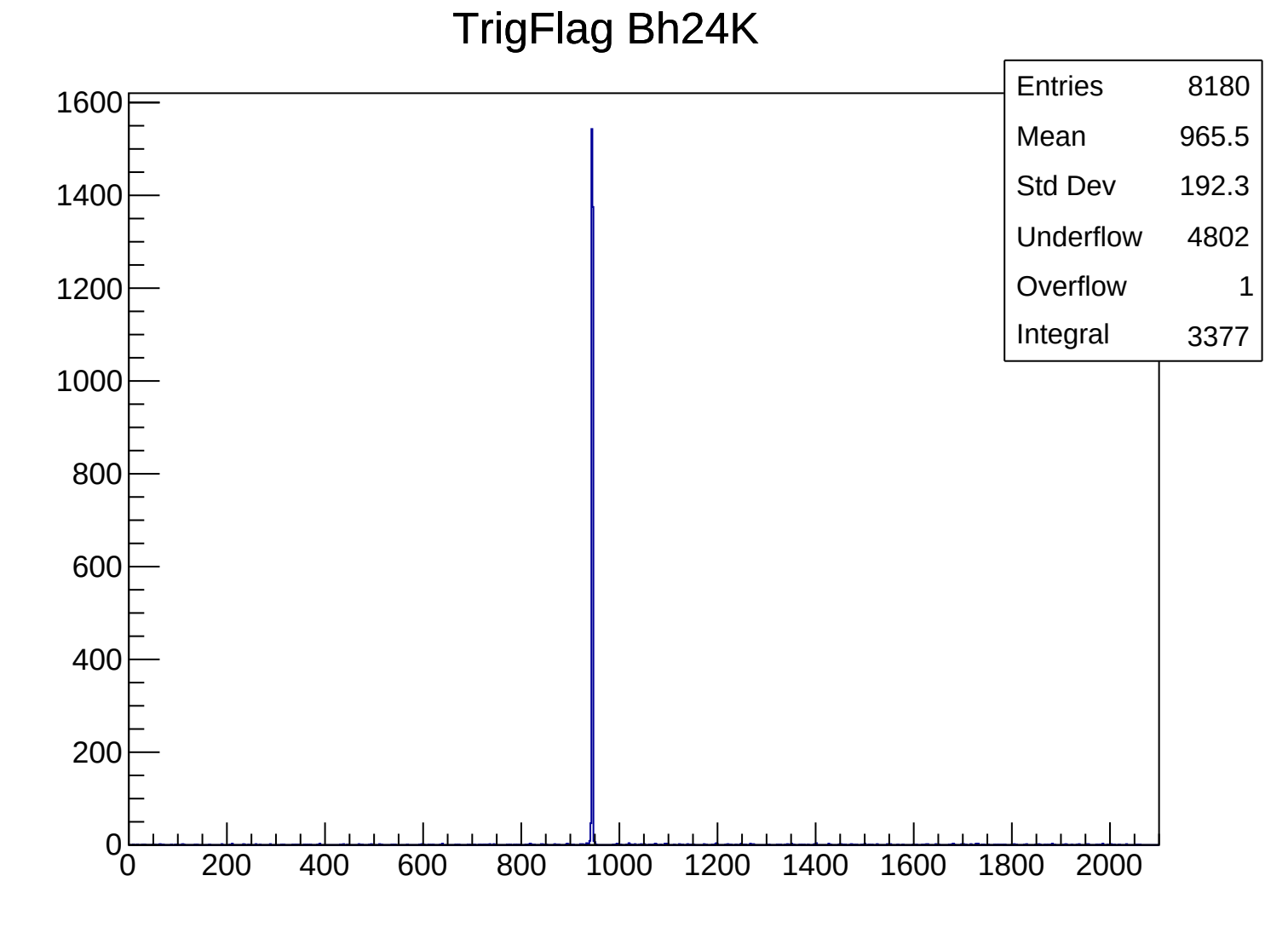
TrigFlag Bh24K
Entries 8180
Mean 965.5
Std Dev 192.3
Underflow 4802
Overflow 1
Integral 3377
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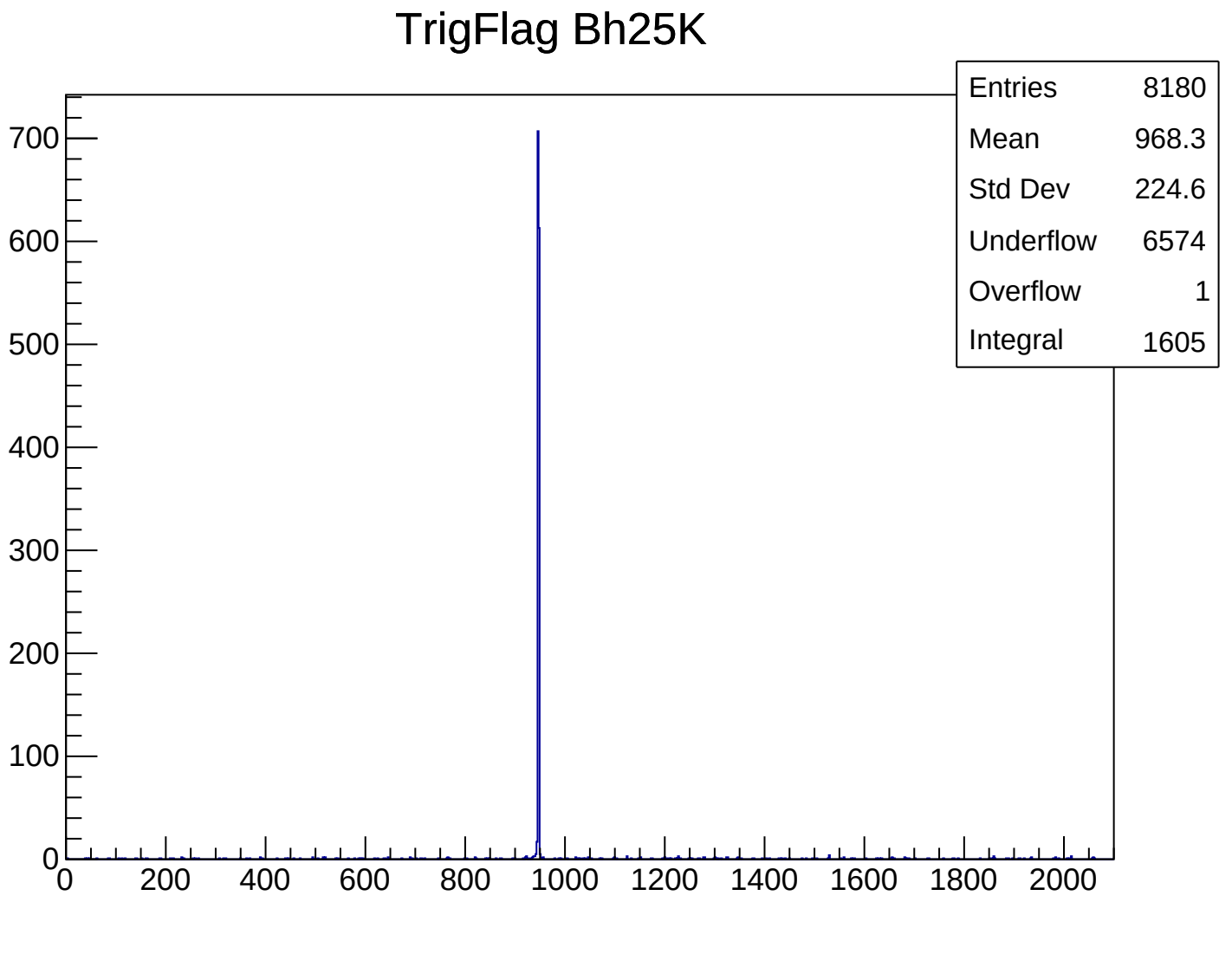
TrigFlag Bh25K
Entries 8180
Mean 968.3
Std Dev 224.6
Underflow 6574
Overflow 1
Integral 1605
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200
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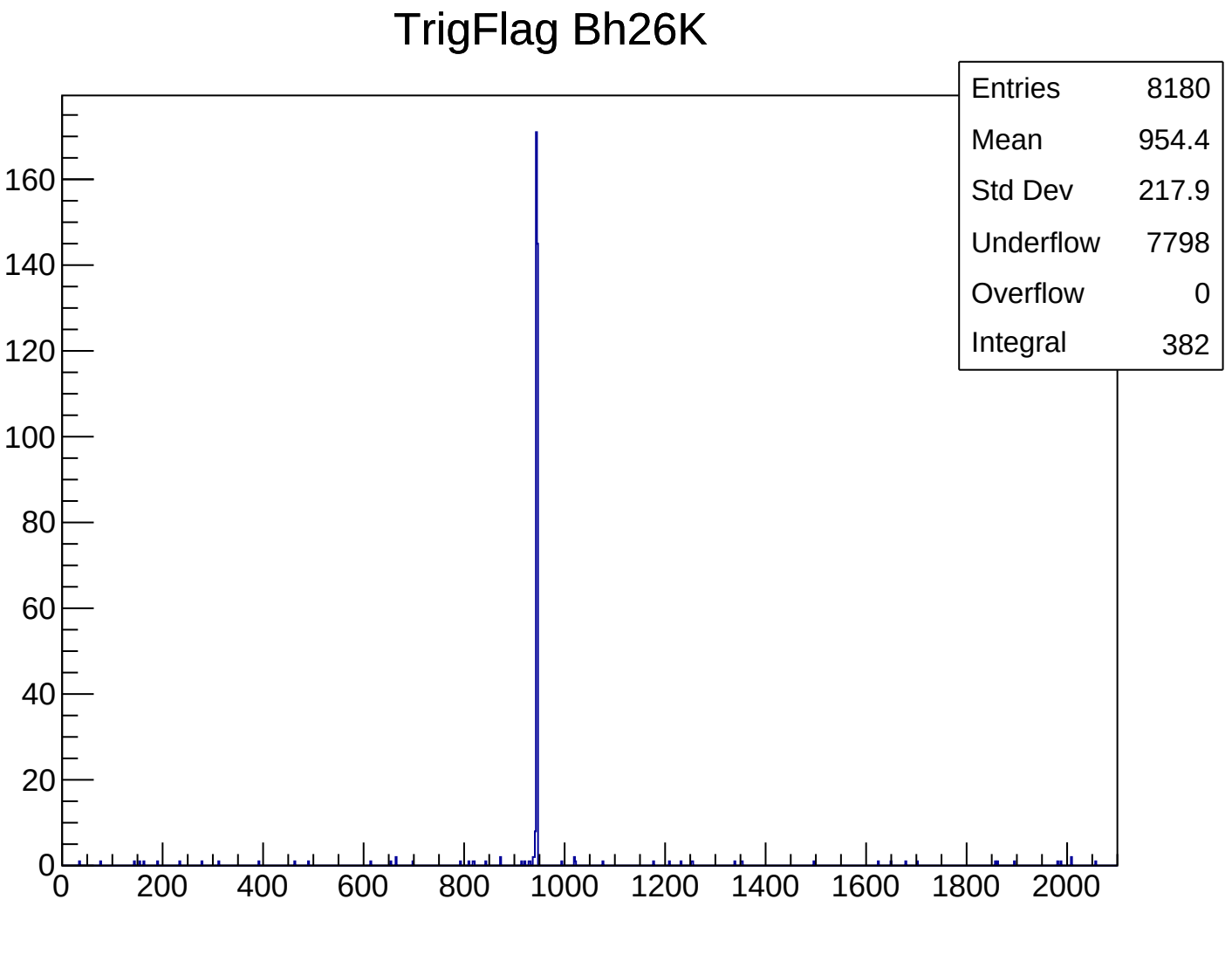
TrigFlag Bh26K
Entries 8180
Mean 954.4
Std Dev 217.9
Underflow 7798
Overflow 0
Integral 382
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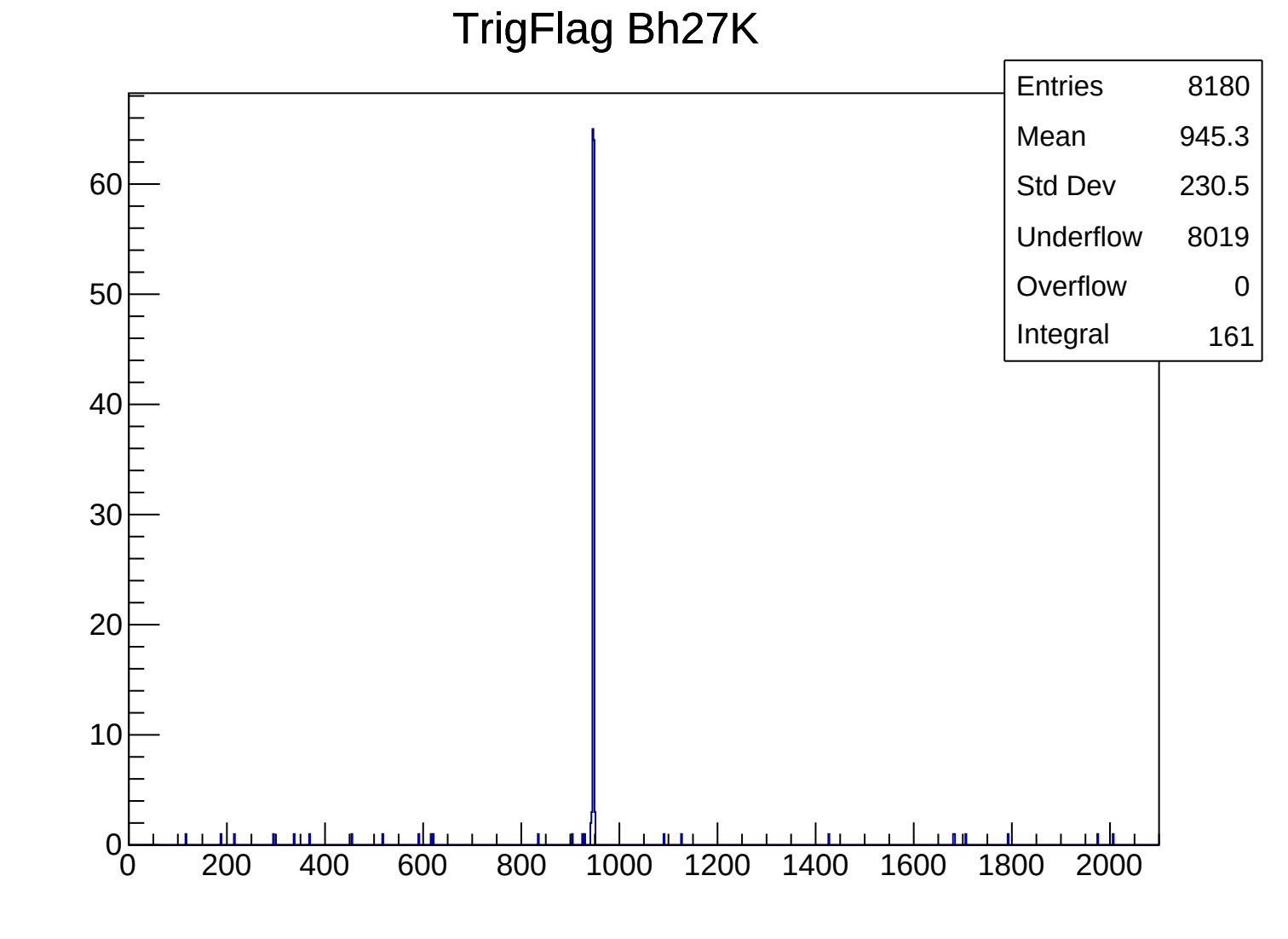
TrigFlag Bh27K
Entries 8180
Mean 945.3
Std Dev 230.5
Underflow 8019
Overflow 0
Integral 161
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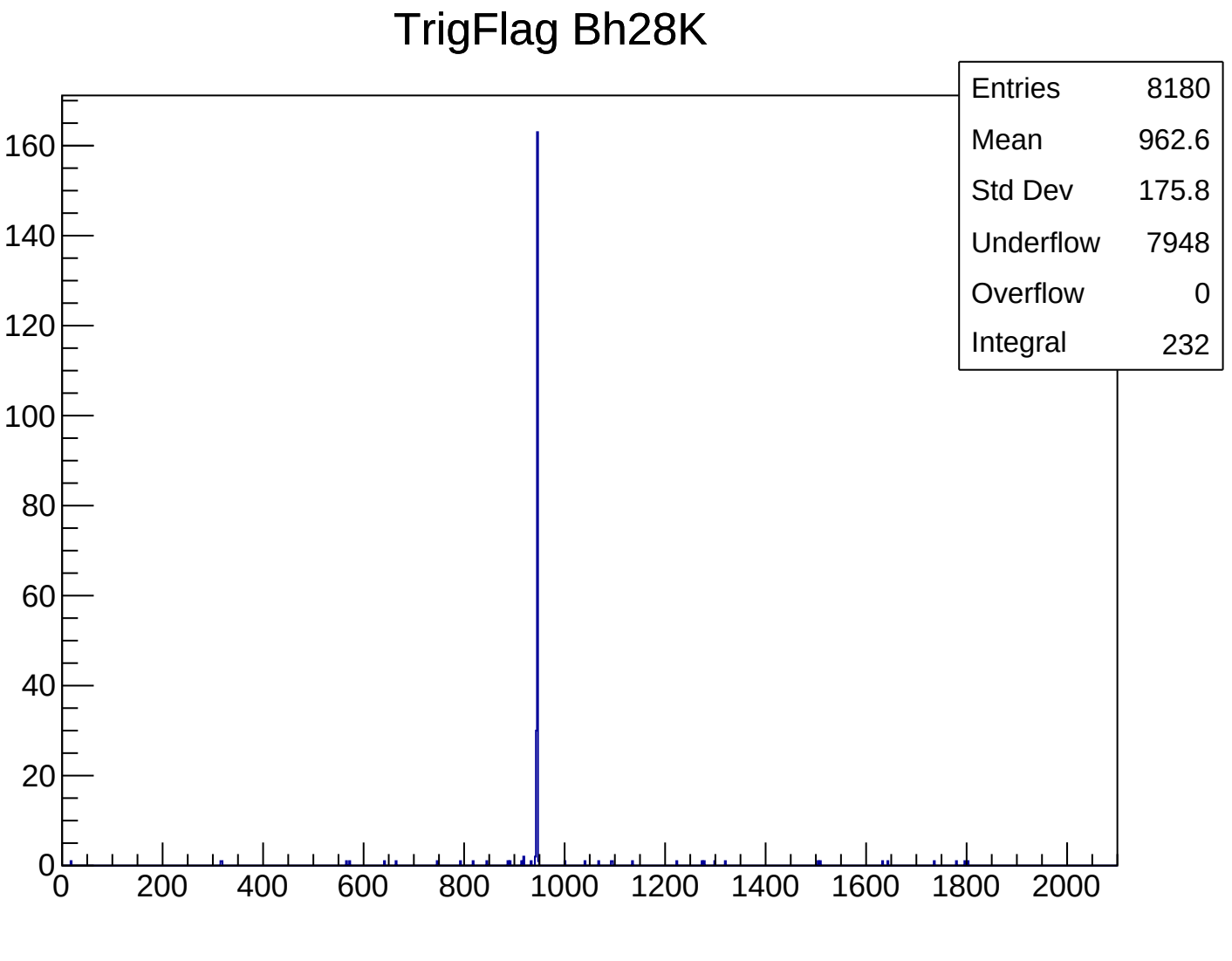
TrigFlag Bh28K
Entries 8180
Mean 962.6
Std Dev 175.8
Underflow 7948
Overflow 0
Integral 232
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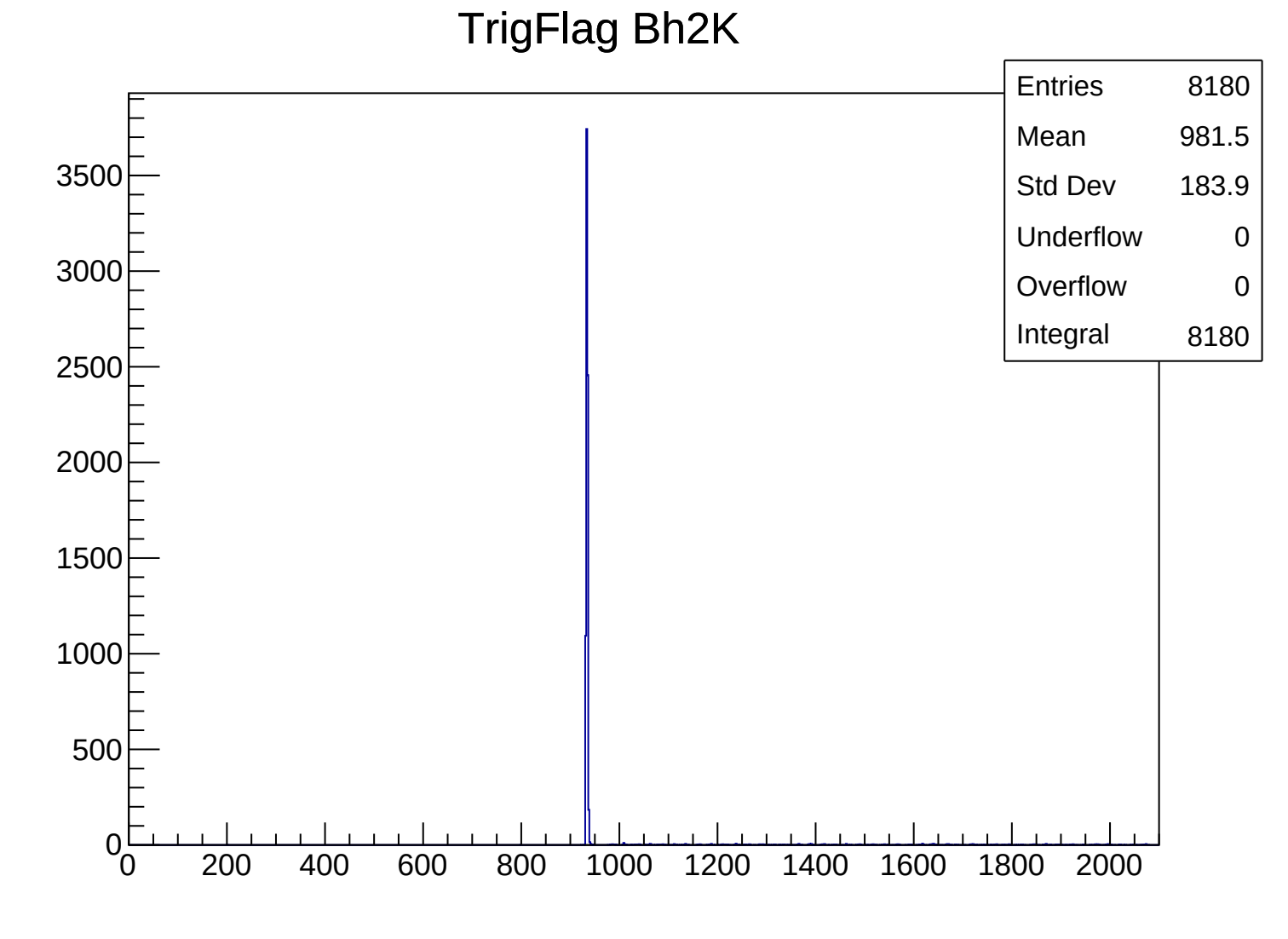
TrigFlag Bh2K
Entries 8180
Mean 981.5
Std Dev 183.9
Underflow 0
Overflow 0
Integral 8180
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1000
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0
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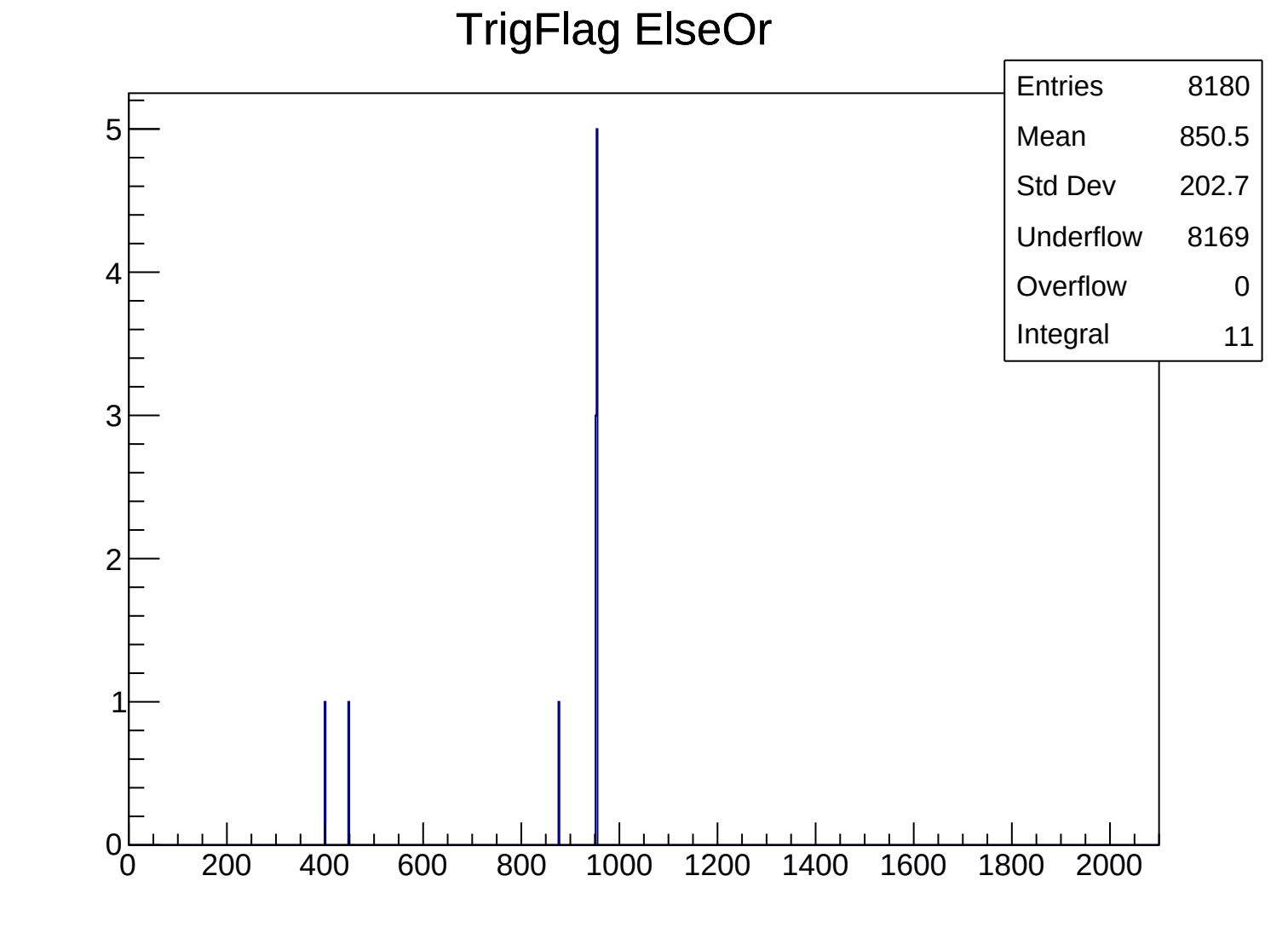
TrigFlag ElseOr
Entries 8180
Mean 850.5
Std Dev 202.7
Underflow 8169
Overflow 0
Integral 11
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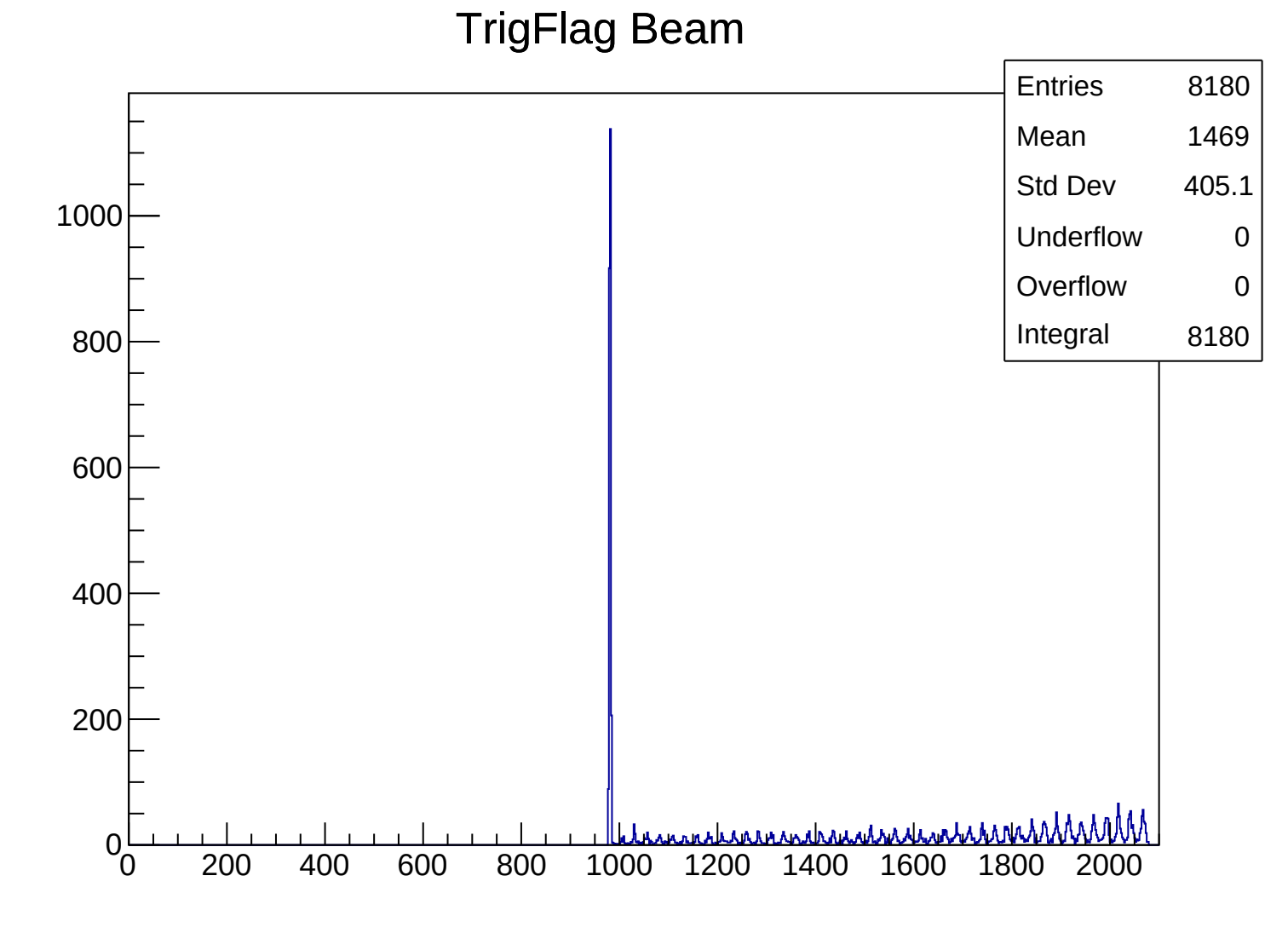
TrigFlag Beam
Entries 8180
Mean 1469
Std Dev 405.1
Underflow 0
Overflow 0
Integral 8180
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400
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0
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600
800
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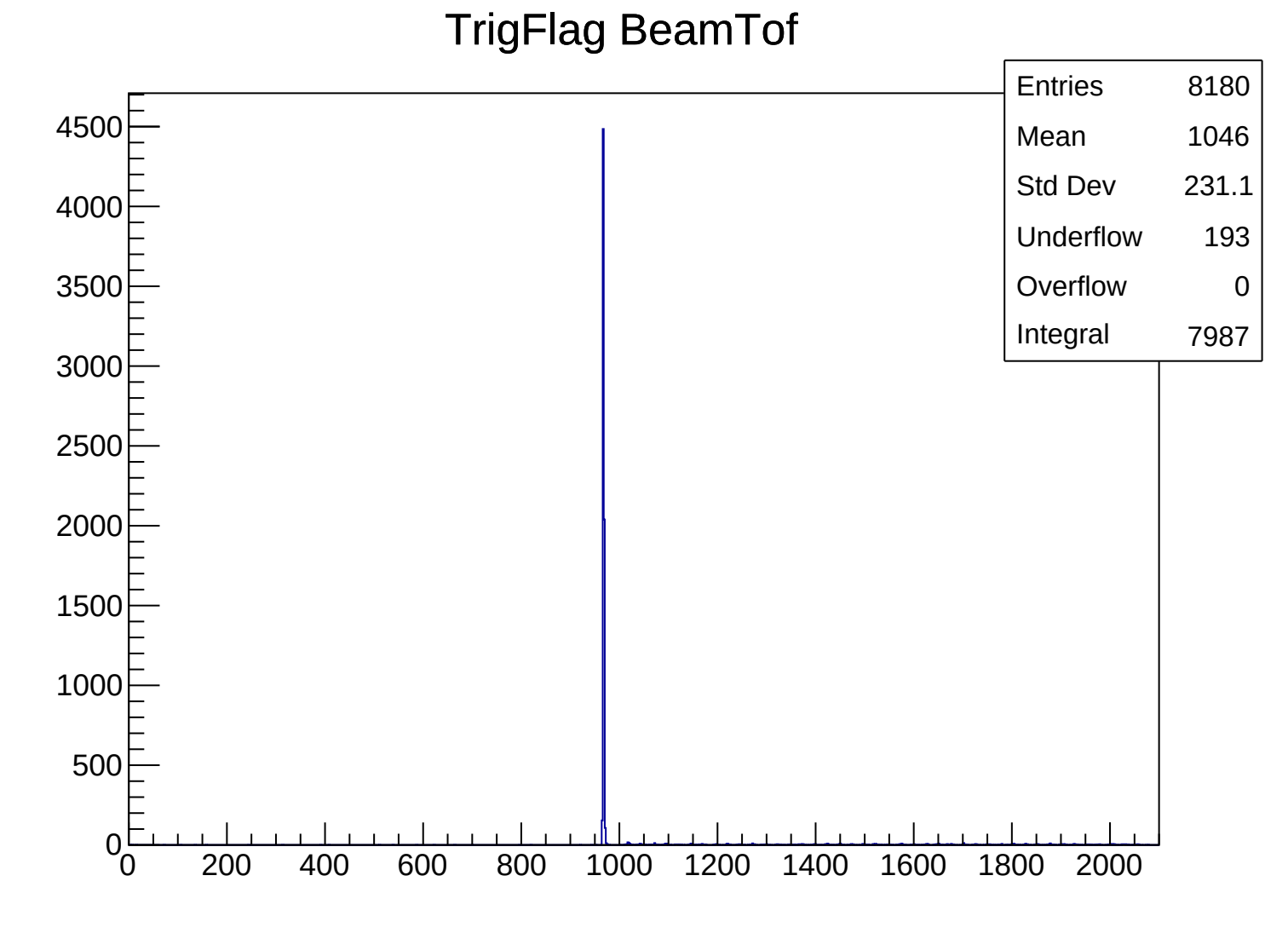
TrigFlag BeamTof
Entries 8180
Mean 1046
Std Dev 231.1
Underflow 193
Overflow 0
Integral 7987
4500
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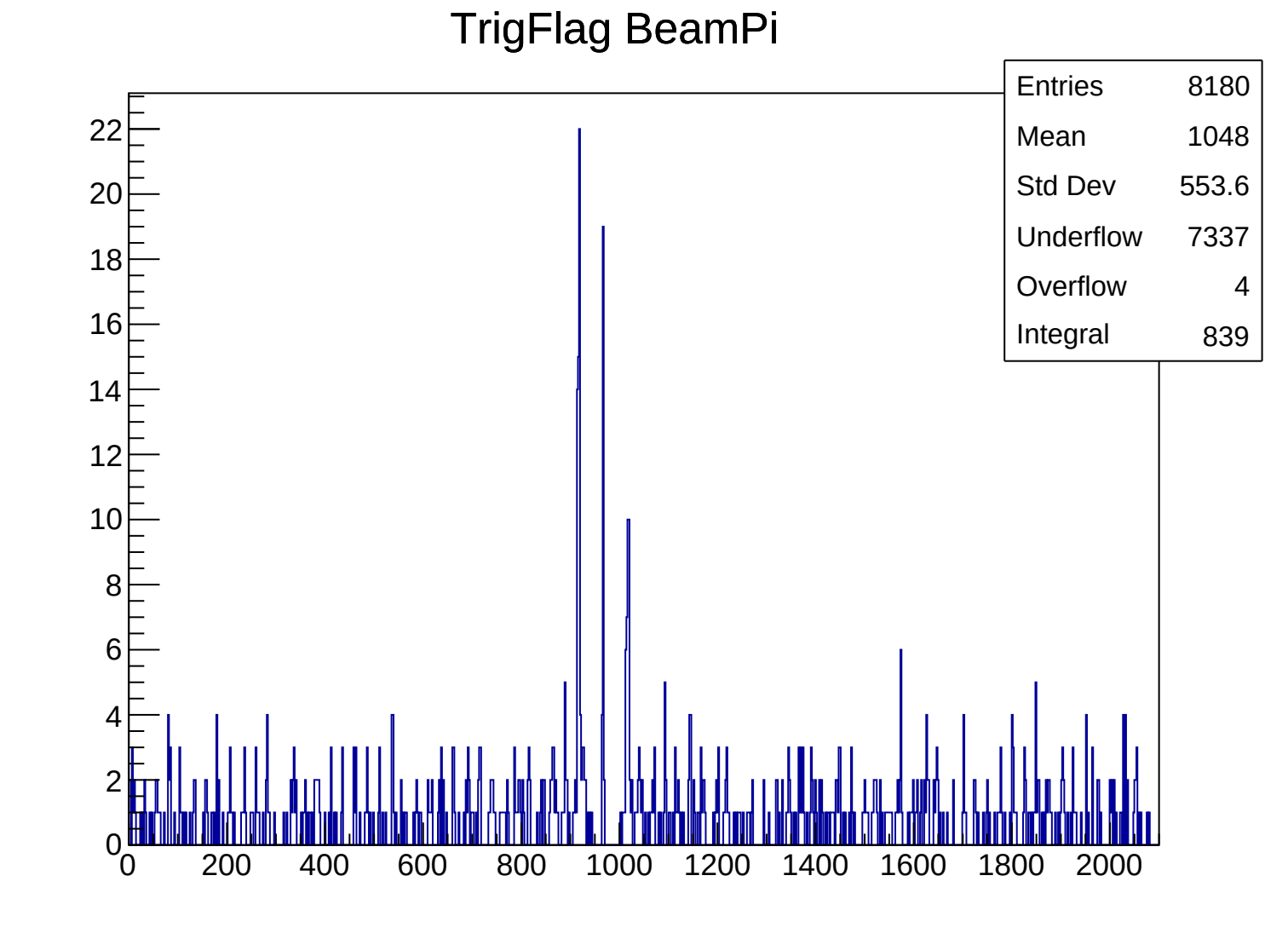
TrigFlag BeamPi
Entries 8180
Mean 1048
Std Dev 553.6
Underflow 7337
Overflow 4
Integral 839
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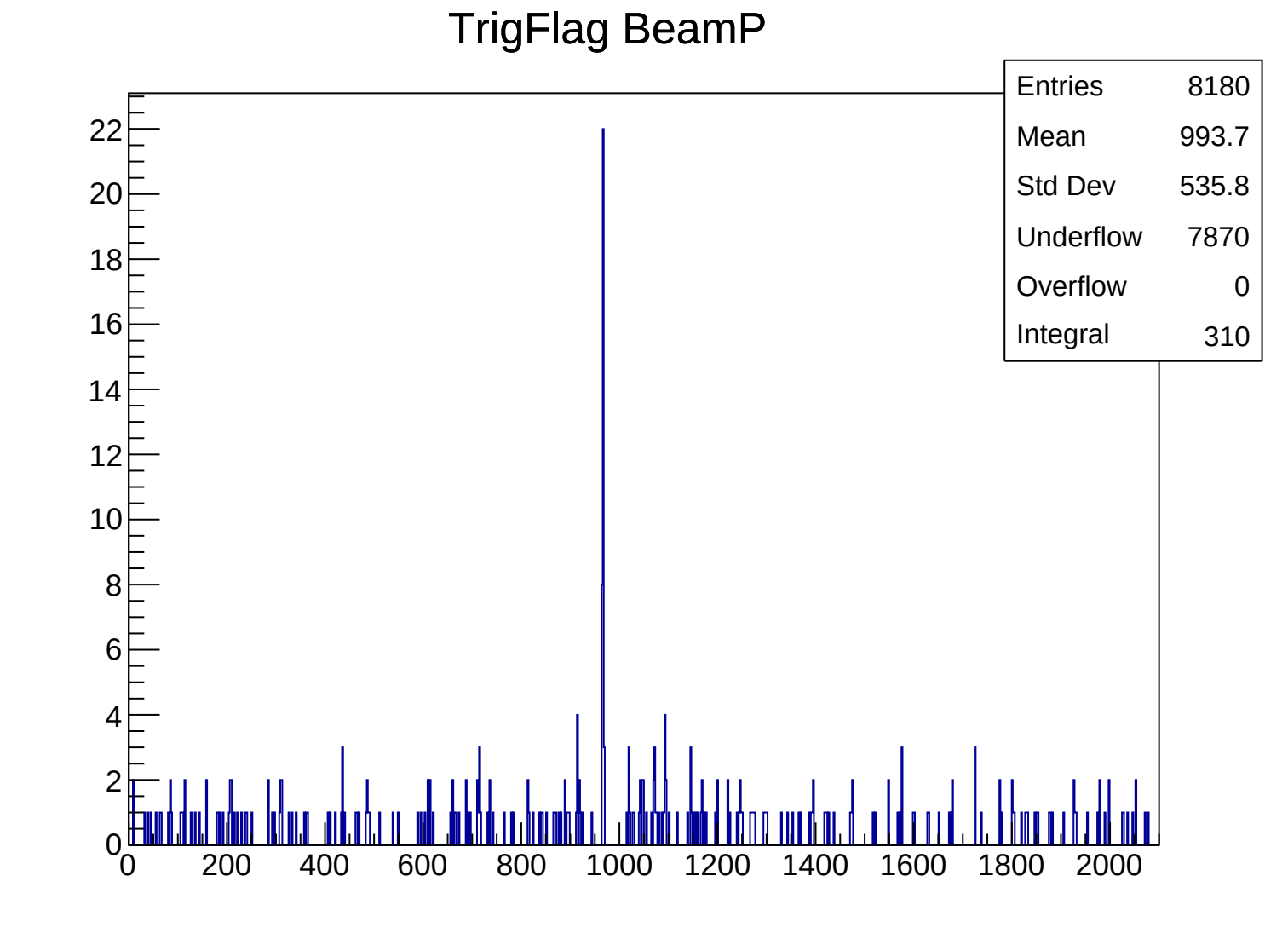
TrigFlag BeamP
Entries 8180
Mean 993.7
Std Dev 535.8
Underflow 7870
Overflow 0
Integral 310
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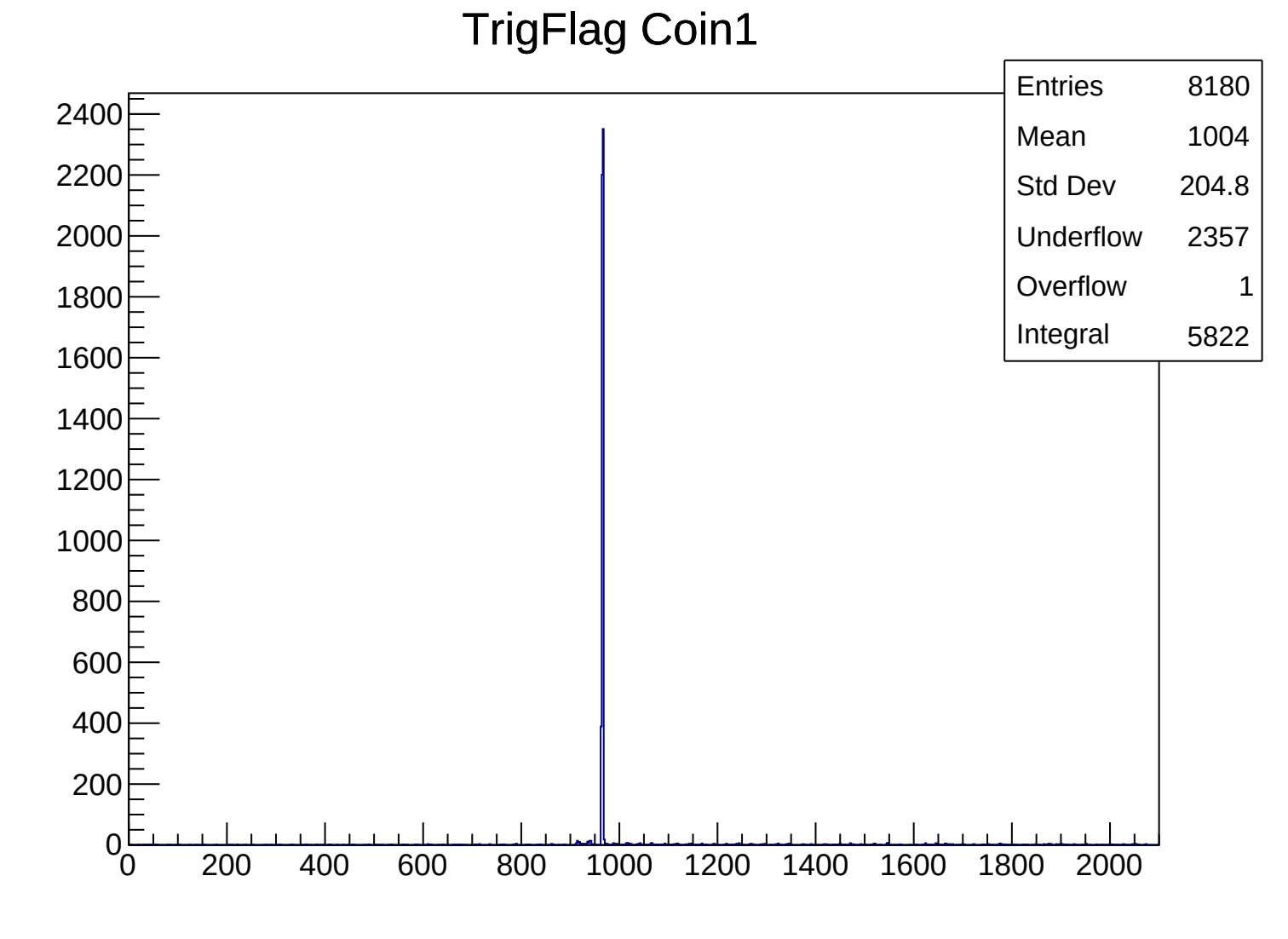
TrigFlag Coin1
Entries 8180
Mean 1004
Std Dev 204.8
Underflow 2357
Overflow 1
Integral 5822
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2200
2000
1800
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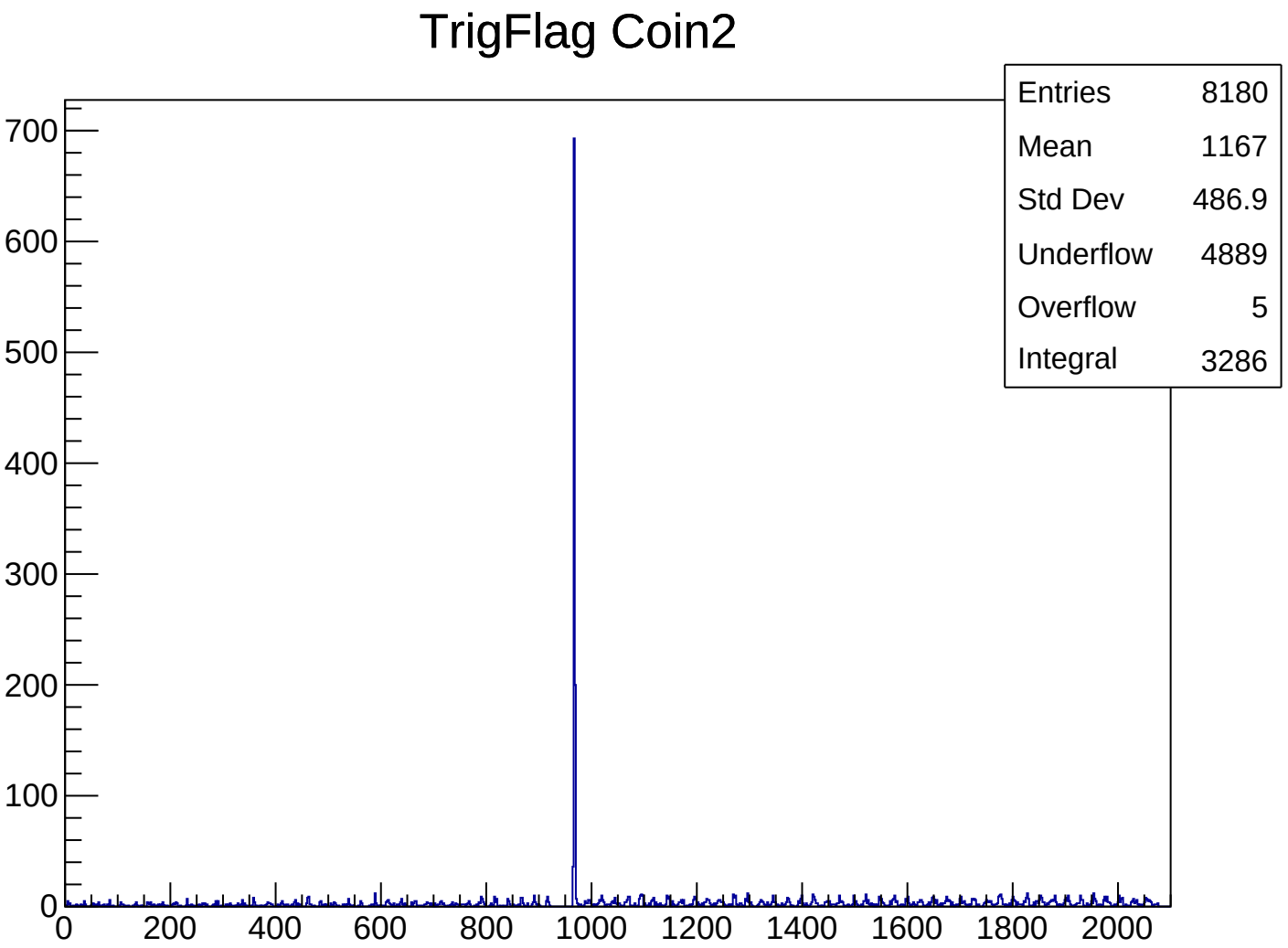
TrigFlag Coin2
Entries 8180
Mean 1167
Std Dev 486.9
Underflow 4889
Overflow 5
Integral 3286
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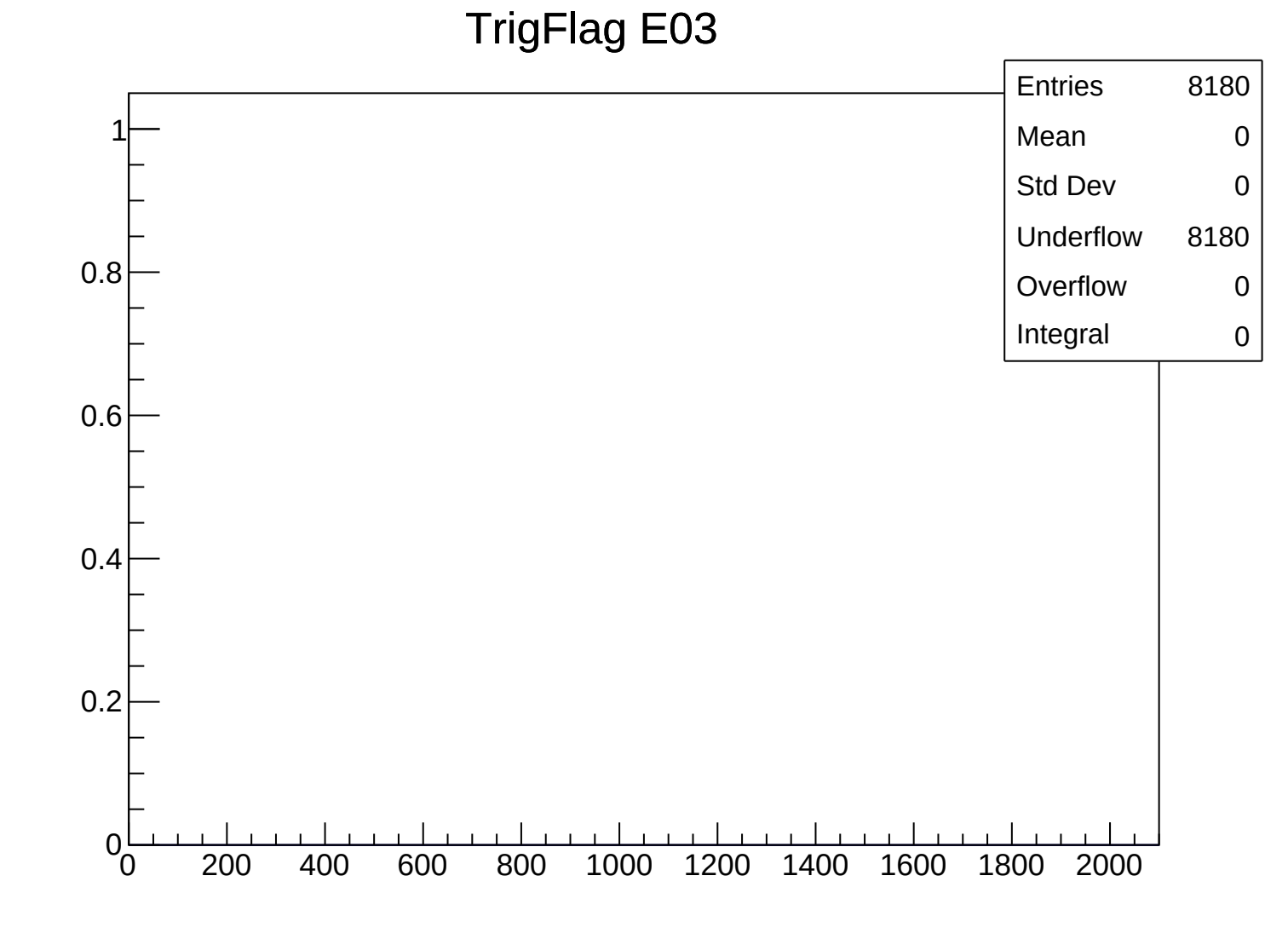
TrigFlag E03
Entries 8180
Mean 0
Std Dev 0
Underflow 8180
Overflow 0
Integral 0
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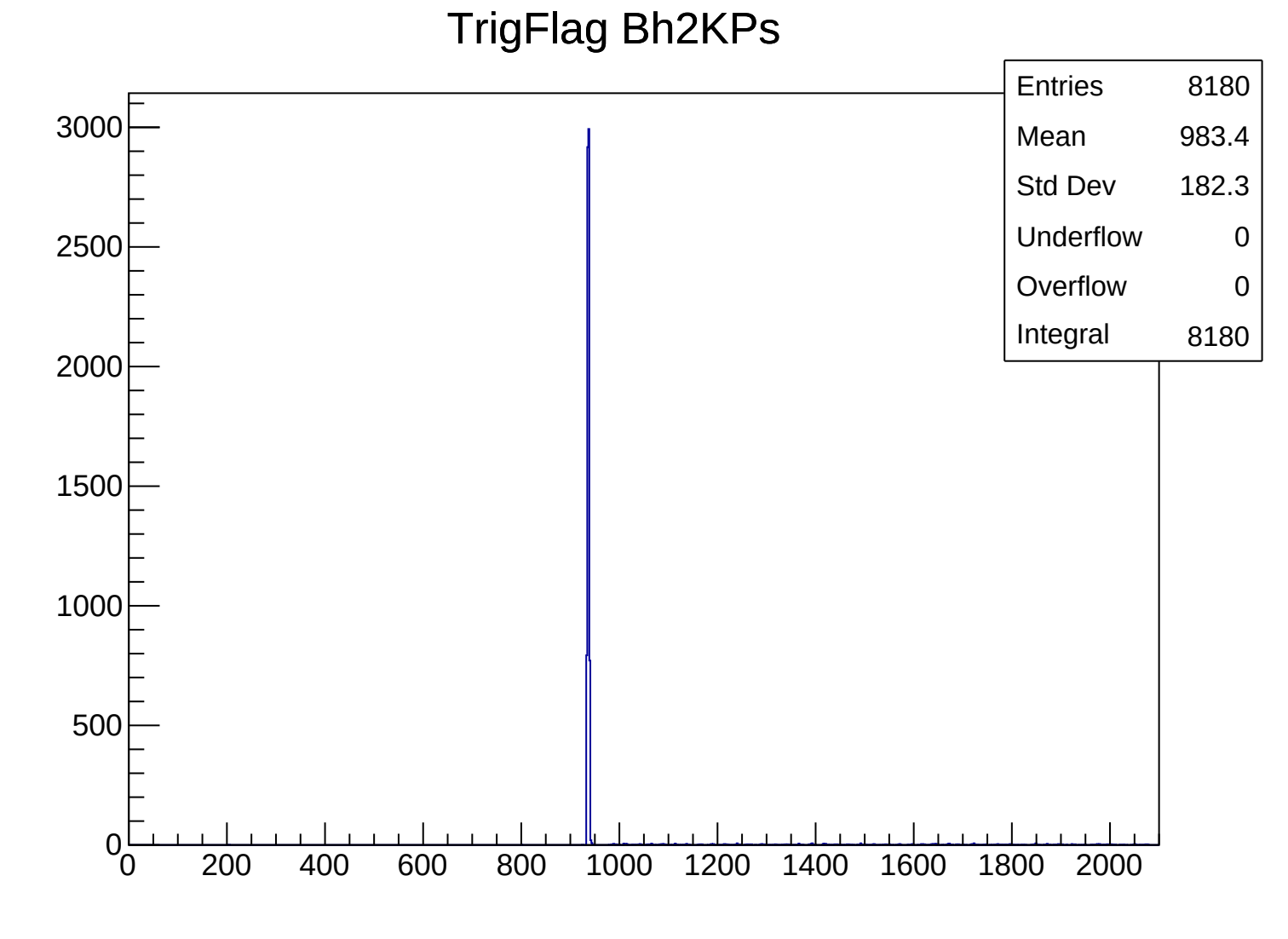
TrigFlag Bh2KPs
Entries 8180
Mean 983.4
Std Dev 182.3
Underflow 0
Overflow 0
Integral 8180
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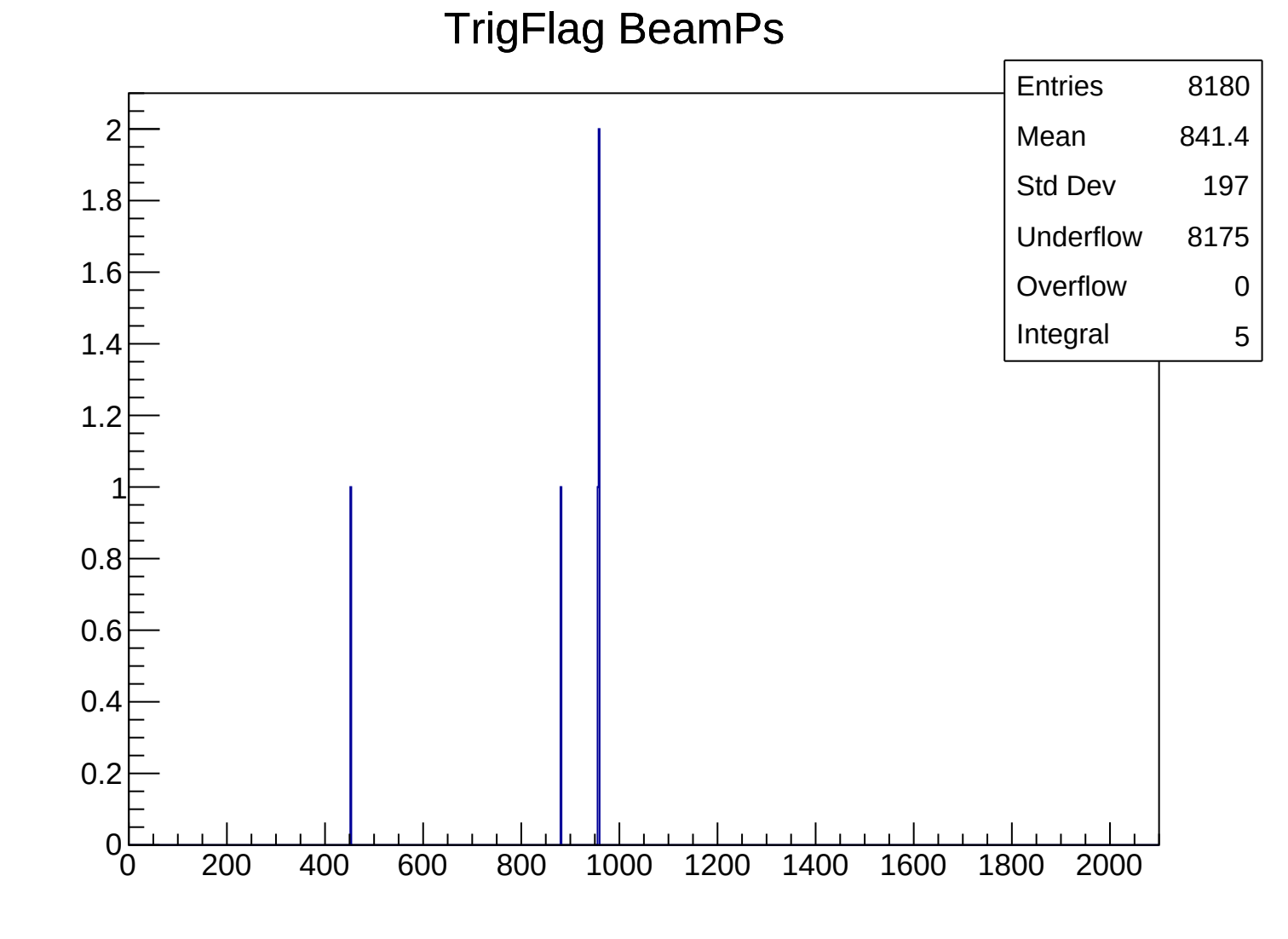
TrigFlag BeamPs
Entries 8180
Mean 841.4
Std Dev 197
Underflow 8175
Overflow 0
Integral 5
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0.2
0.4
0.6
0.8
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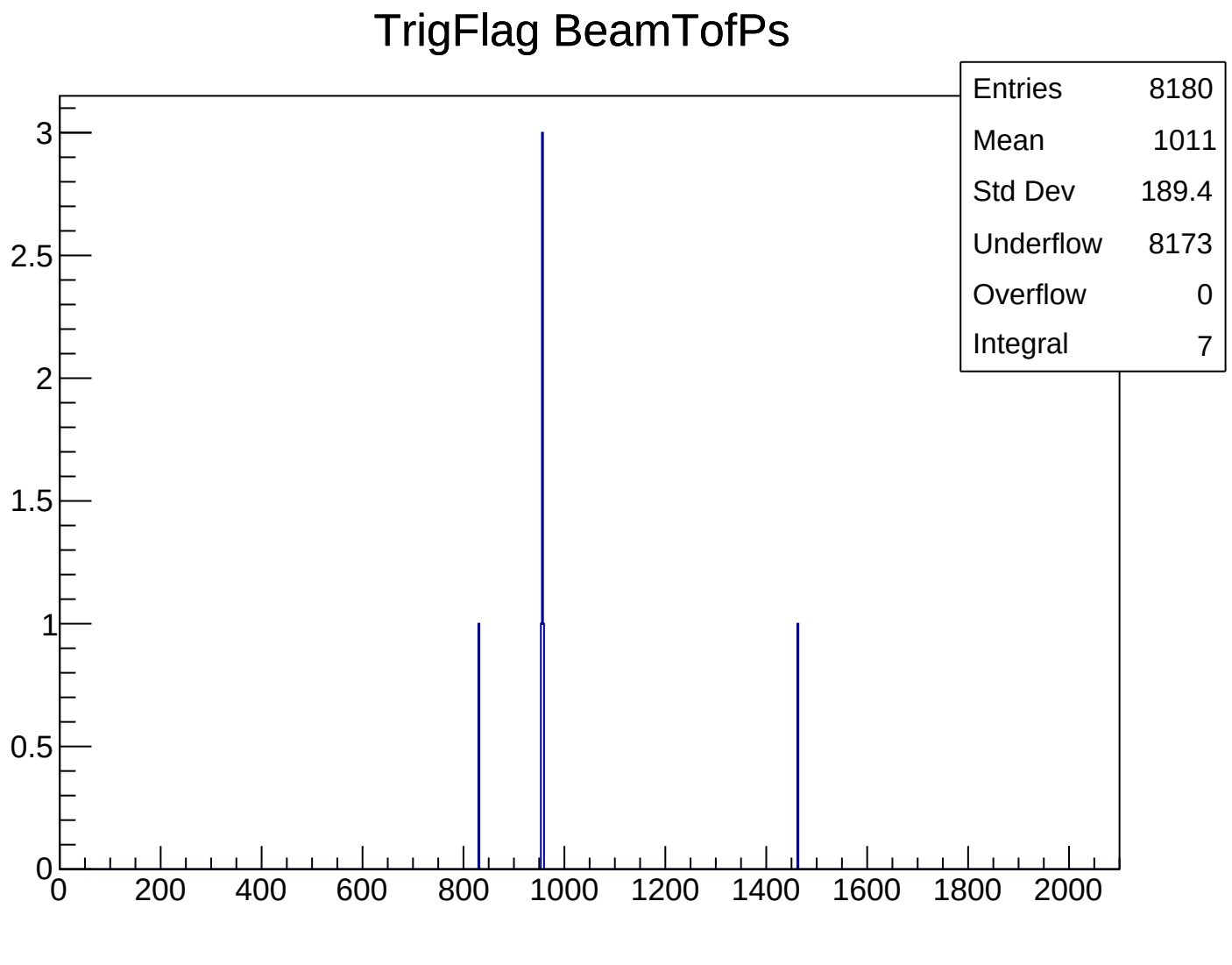
TrigFlag BeamTofPs
Entries 8180
Mean 1011
Std Dev 189.4
Underflow 8173
Overflow 0
Integral 7
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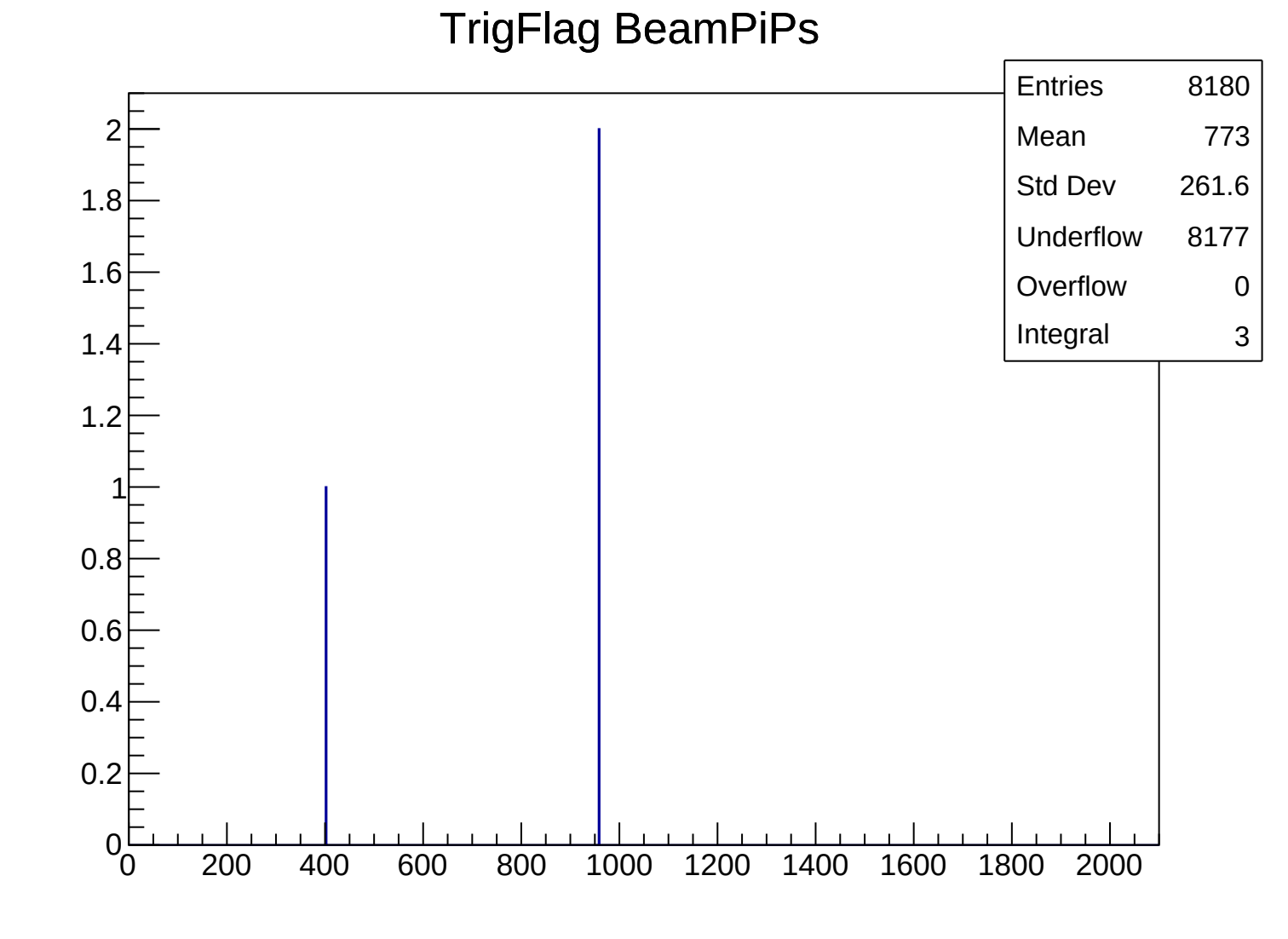
TrigFlag BeamPiPs
Entries 8180
Mean 773
Std Dev 261.6
Underflow 8177
Overflow 0
Integral 3
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0.4
0.6
0.8
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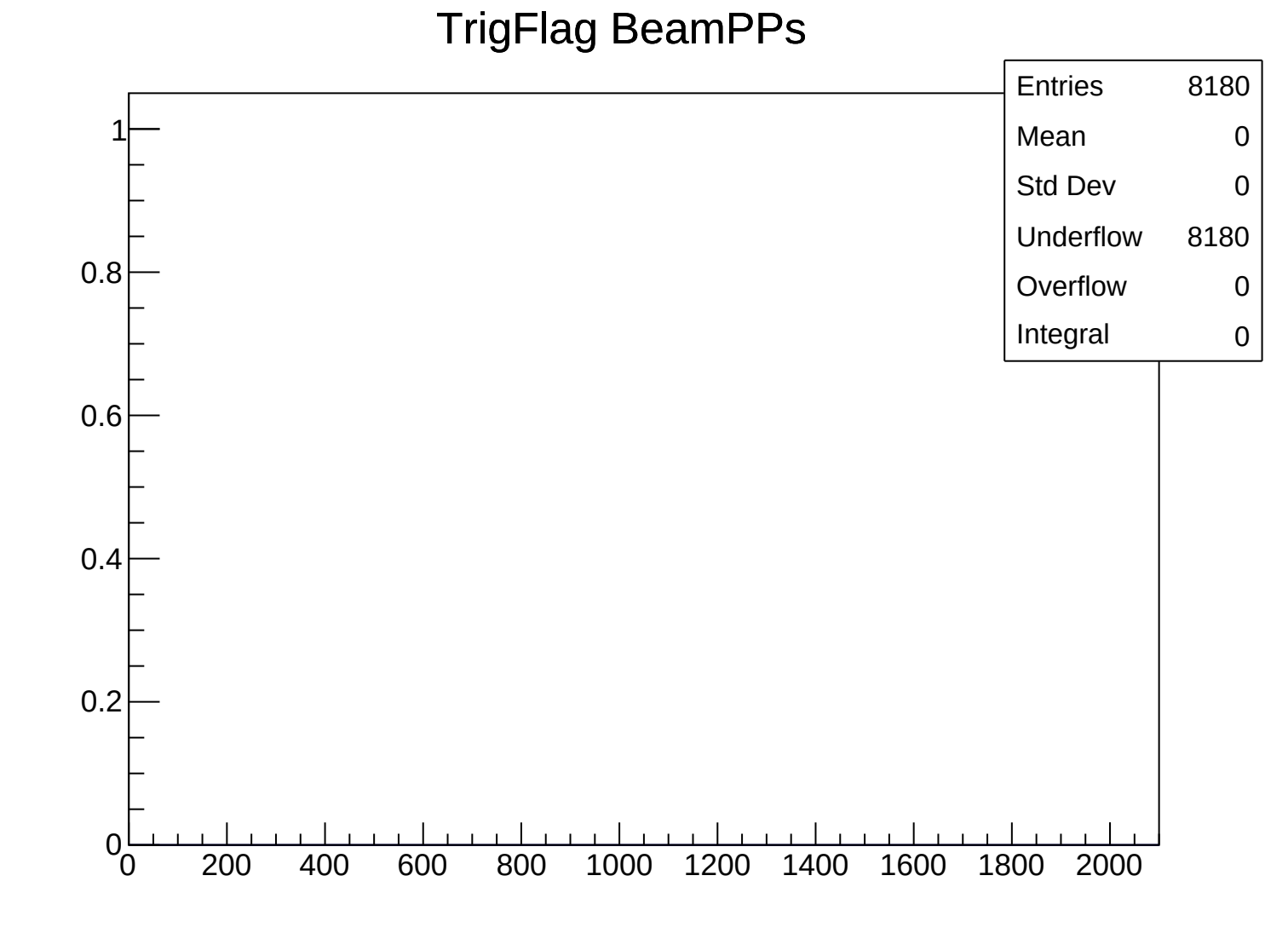
TrigFlag BeamPPs
Entries 8180
Mean 0
Std Dev 0
Underflow 8180
Overflow 0
Integral 0
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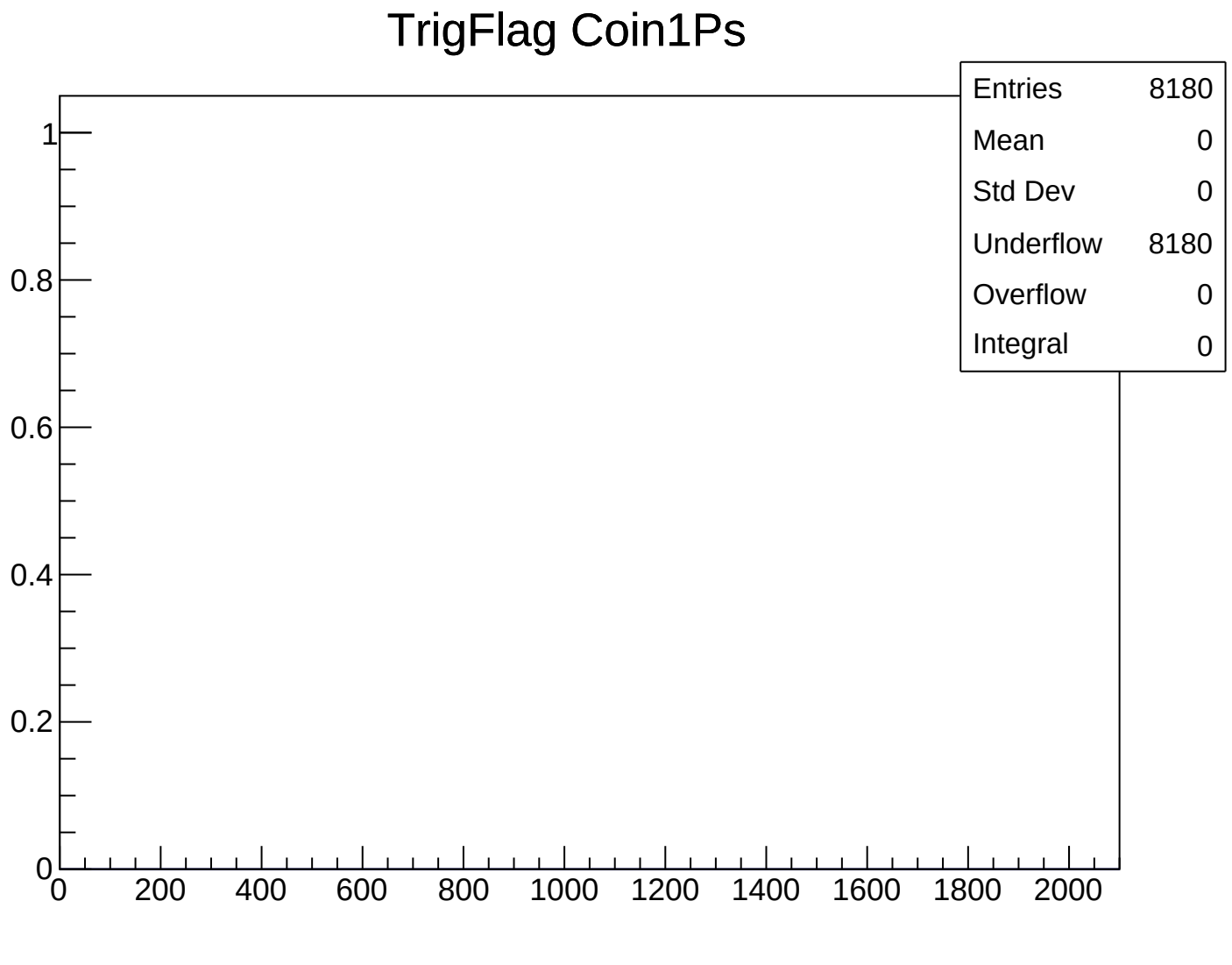
TrigFlag Coin1Ps
Entries 8180
Mean 0
Std Dev 0
Underflow 8180
Overflow 0
Integral 0
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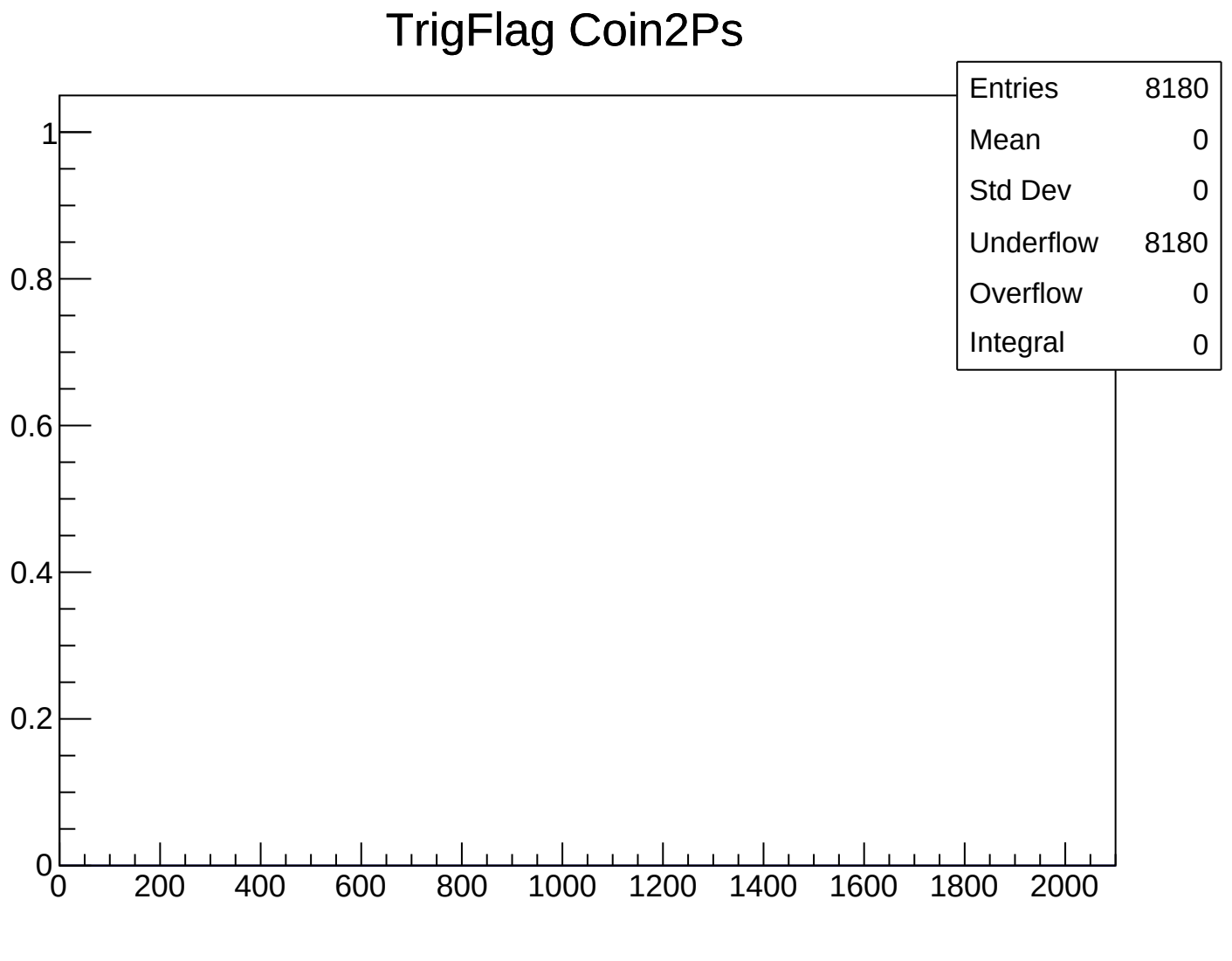
TrigFlag Coin2Ps
Entries 8180
Mean 0
Std Dev 0
Underflow 8180
Overflow 0
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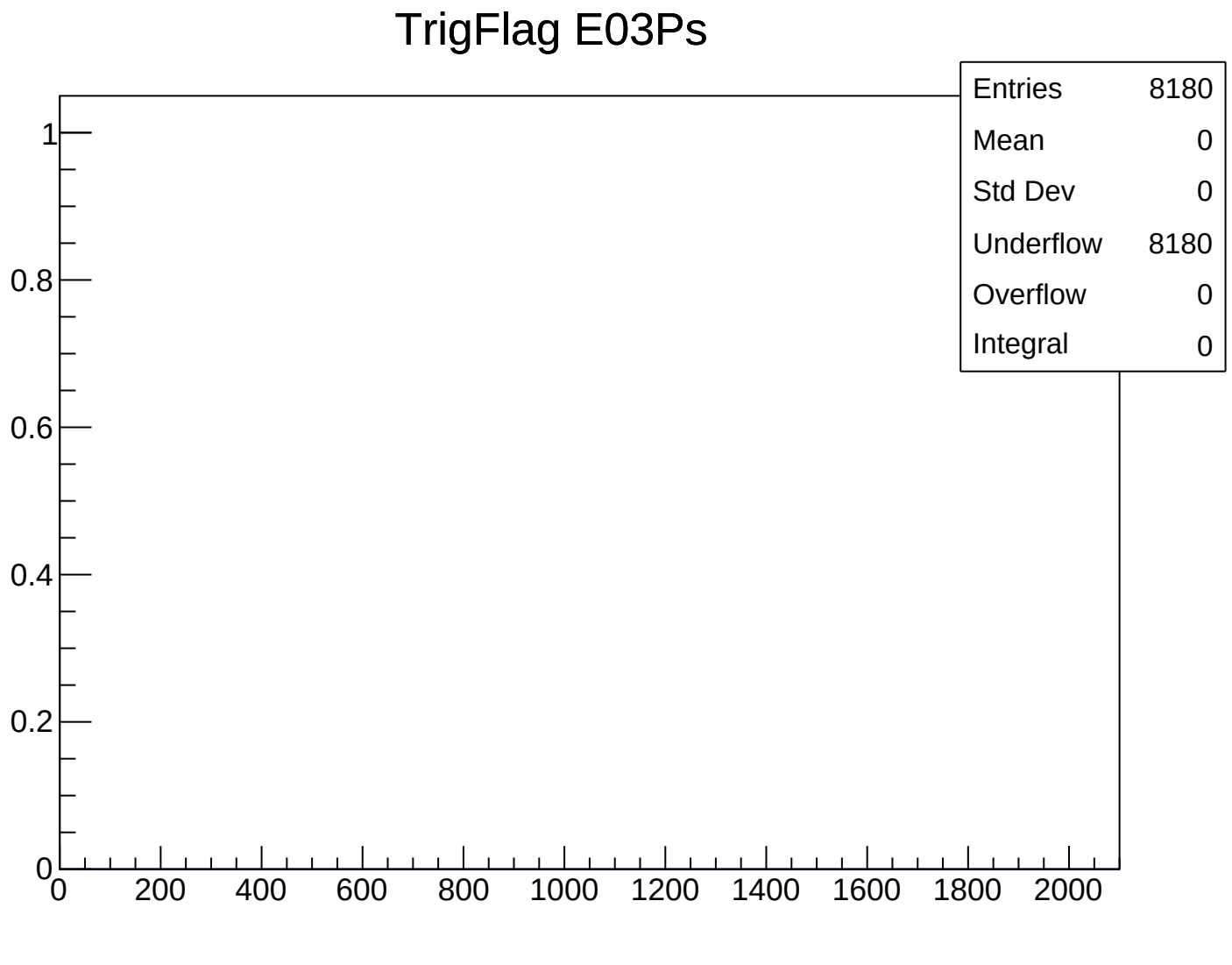
TrigFlag E03Ps
Entries 8180
Mean 0
Std Dev 0
Underflow 8180
Overflow 0
Integral 0
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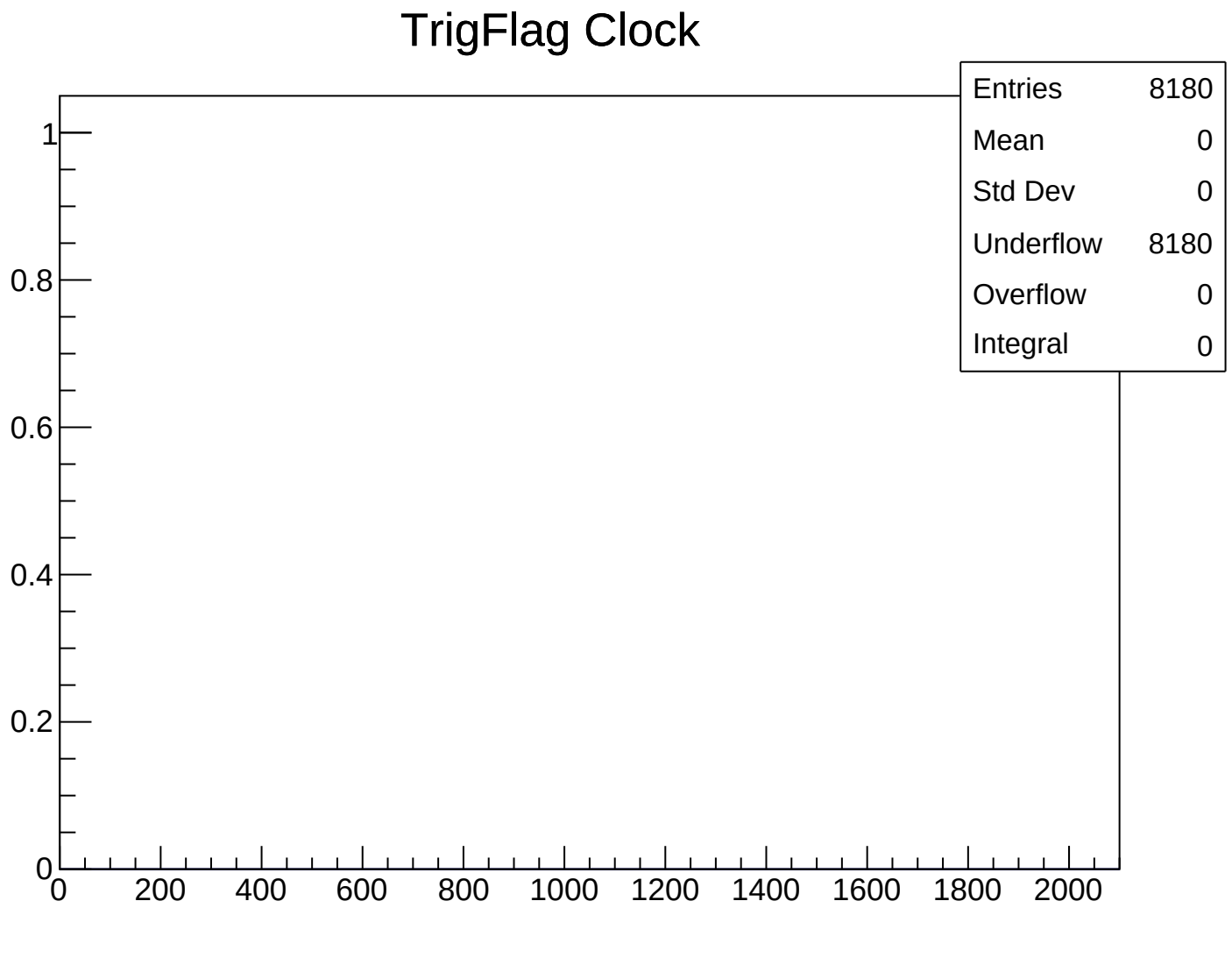
TrigFlag Clock
Entries 8180
Mean 0
Std Dev 0
Underflow 8180
Overflow 0
Integral 0
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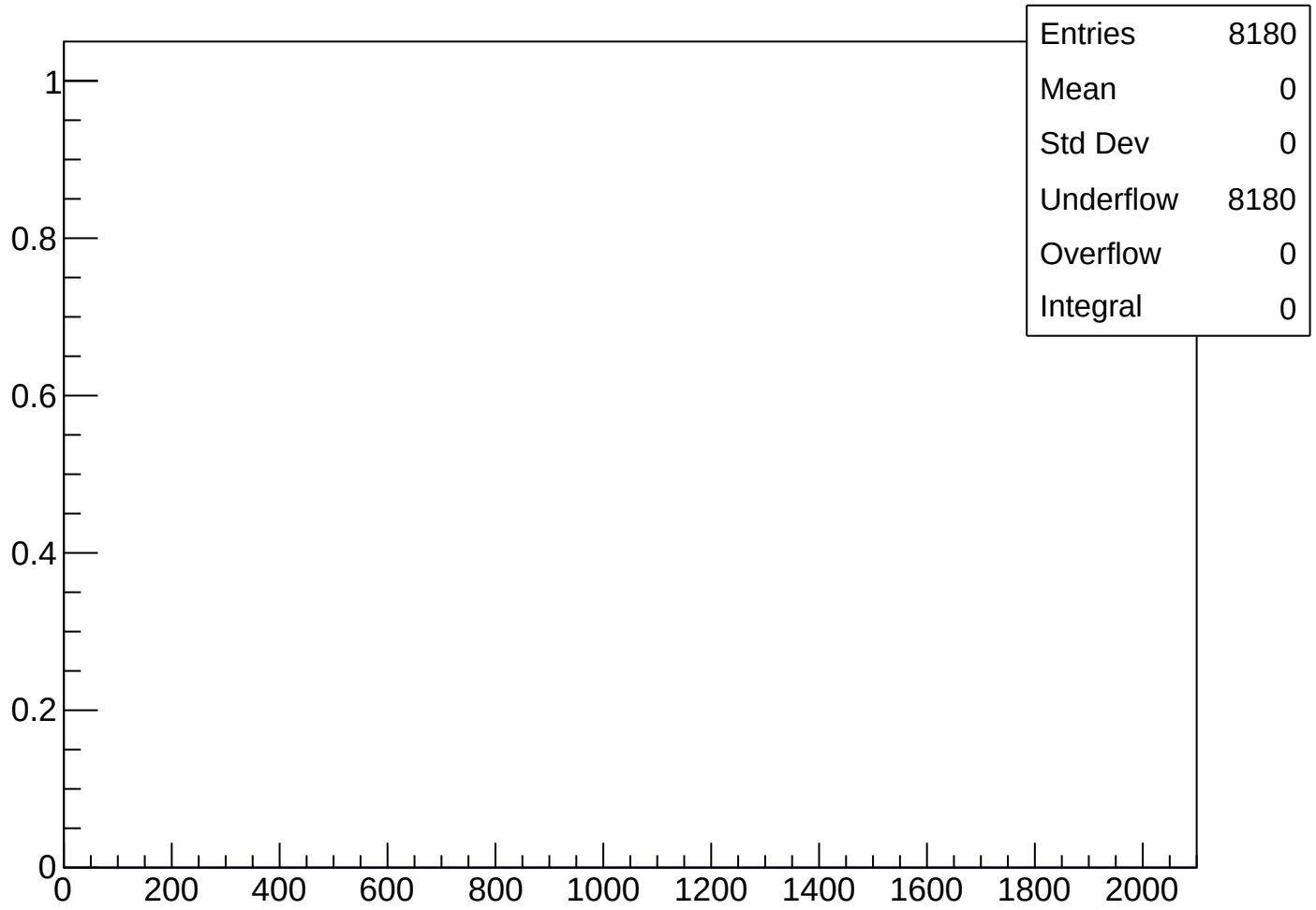
TrigFlag Reserve2
Entries 8180
Mean 0
Std Dev 0
Underflow 8180
Overflow 0
Integral 0
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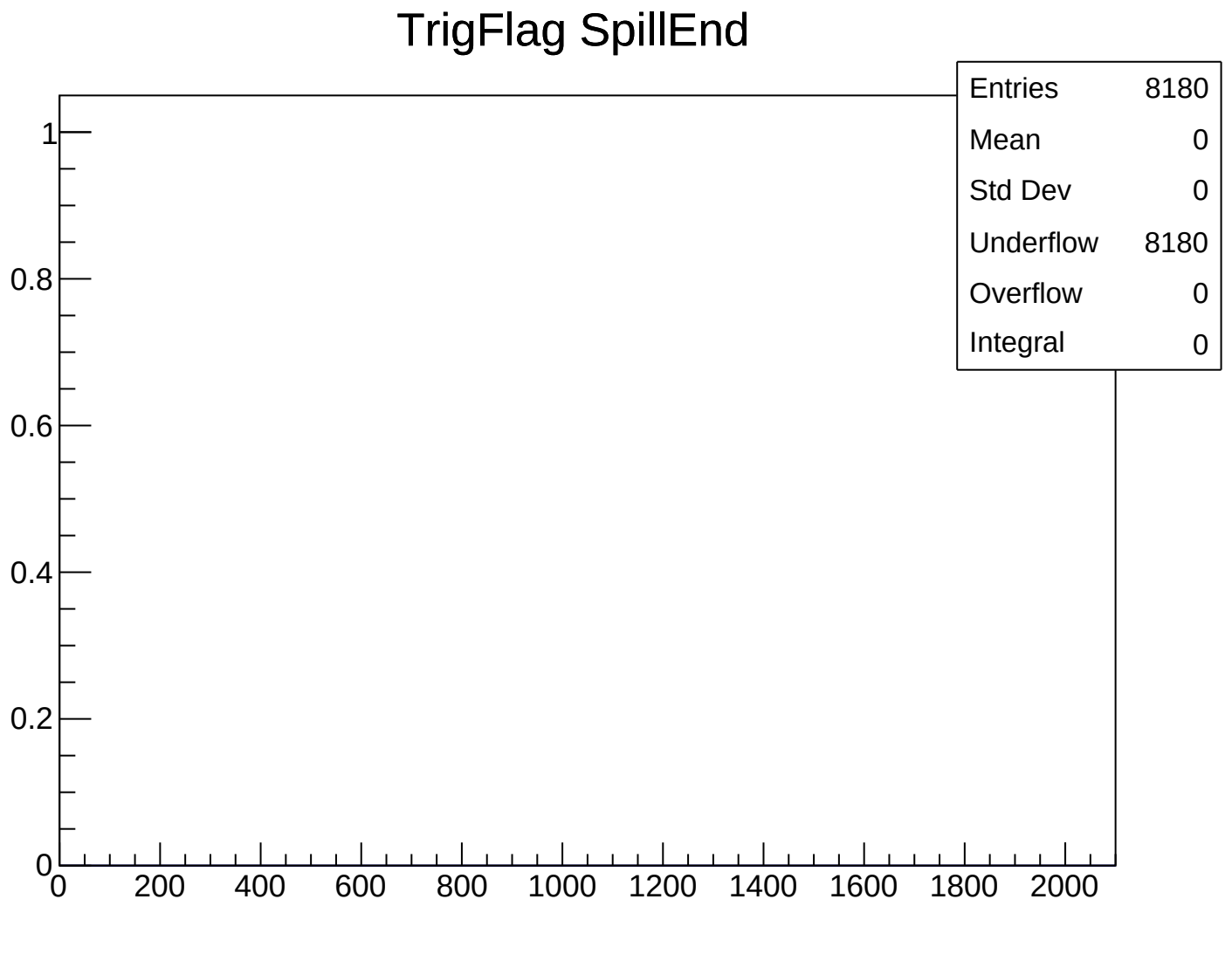
TrigFlag SpillEnd
Entries 8180
Mean 0
Std Dev 0
Underflow 8180
Overflow 0
Integral 0
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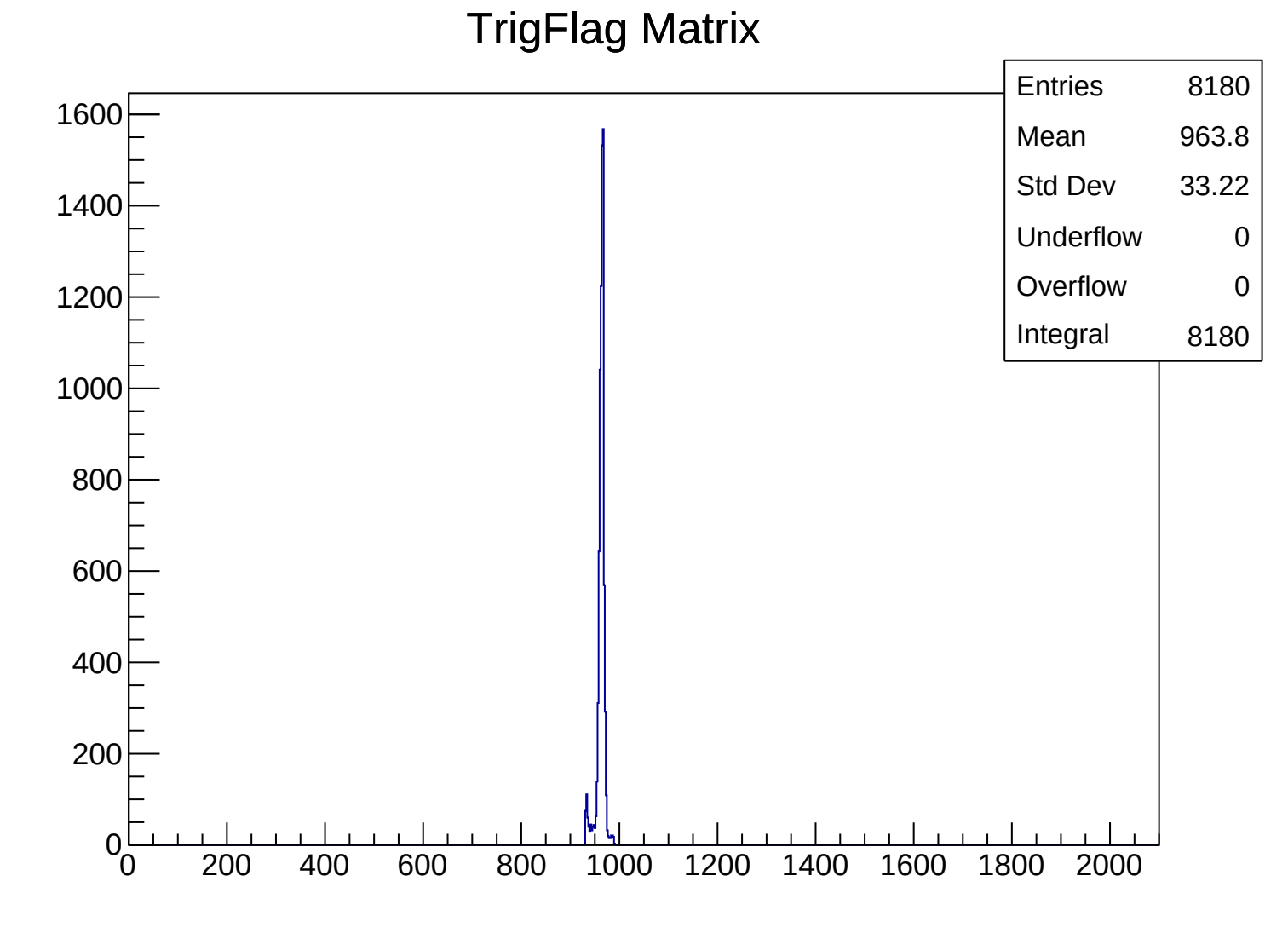
TrigFlag Matrix
Entries 8180
Mean 963.8
Std Dev 33.22
Underflow 0
Overflow 0
Integral 8180
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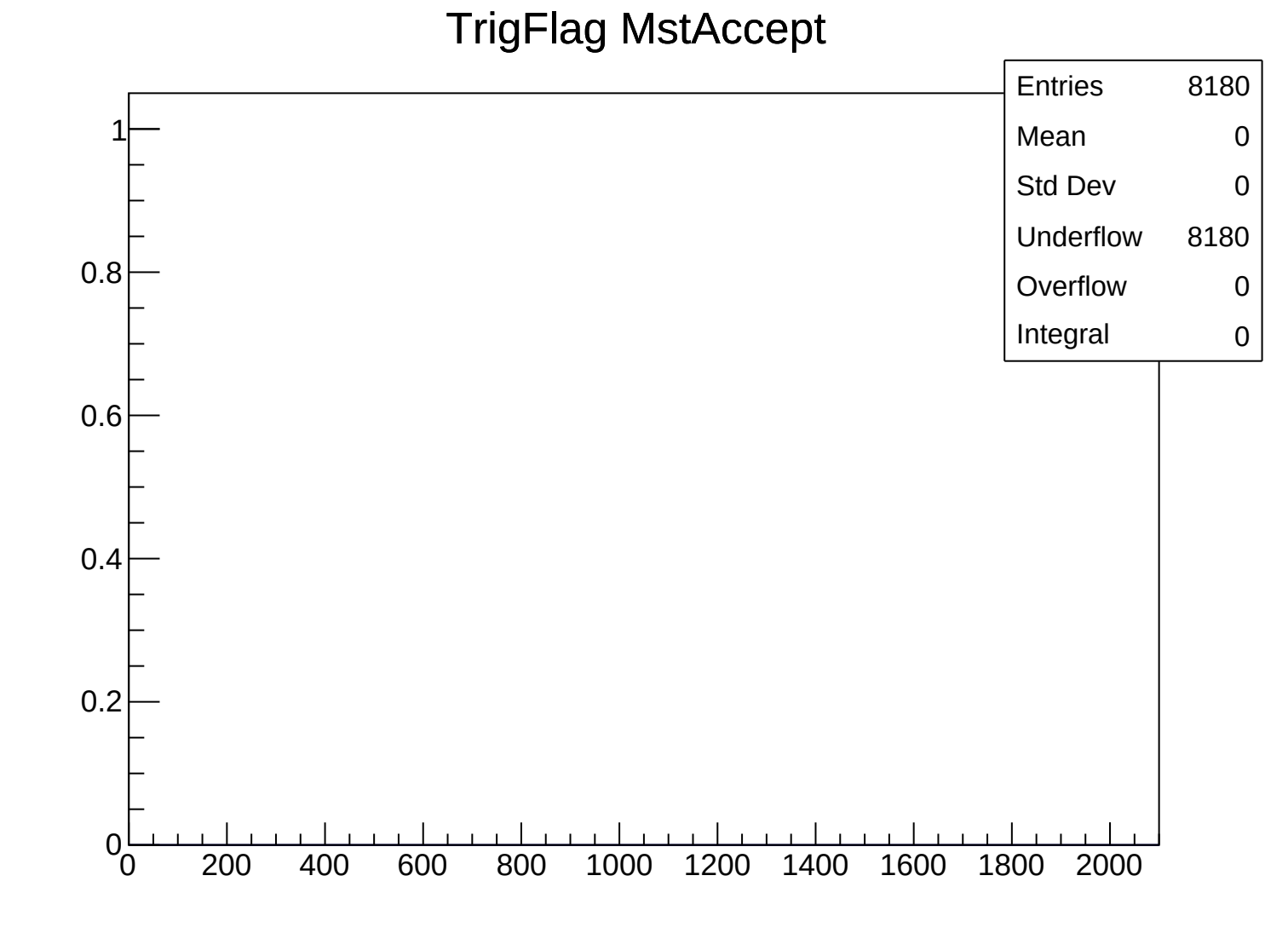
TrigFlag MstAccept
Entries 8180
Mean 0
Std Dev 0
Underflow 8180
Overflow 0
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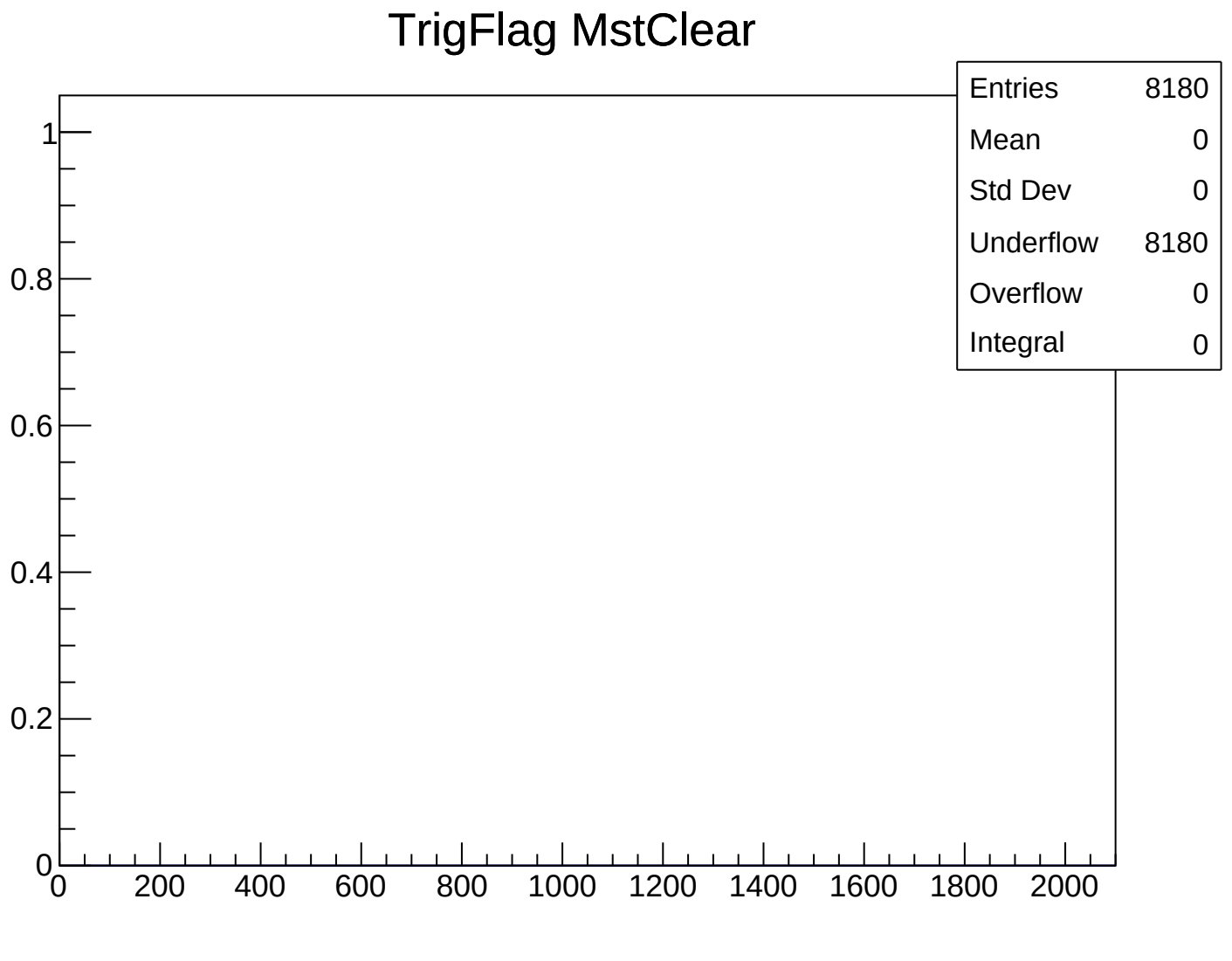
TrigFlag MstClear
Entries 8180
Mean 0
Std Dev 0
Underflow 8180
Overflow 0
Integral 0
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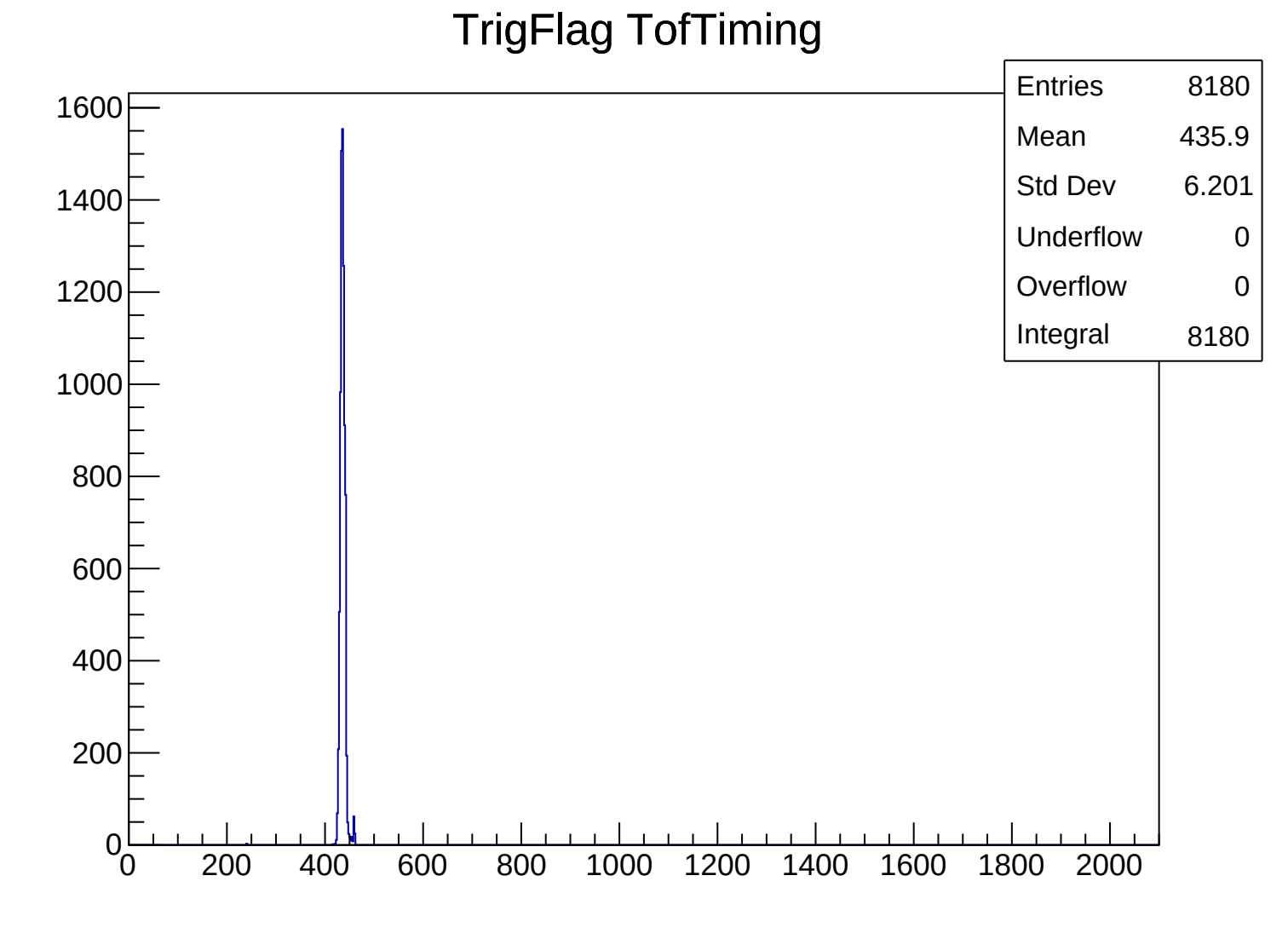
TrigFlag TofTiming
Entries 8180
Mean 435.9
Std Dev 6.201
Underflow 0
Overflow 0
Integral 8180
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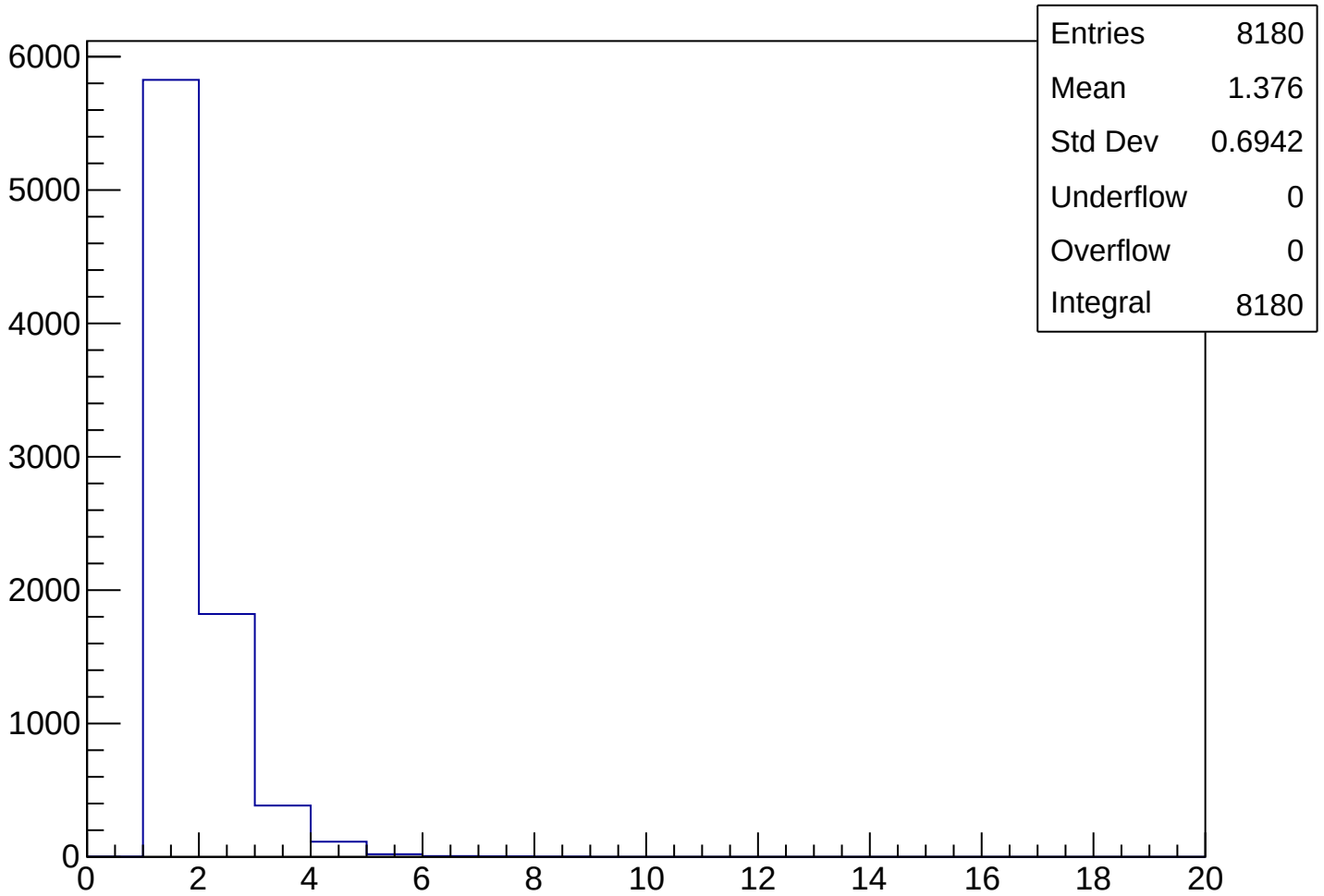
TofMtOr Nhits
Entries 8180
Mean 1.376
Std Dev 0.6942
Underflow 0
Overflow 0
Integral 8180
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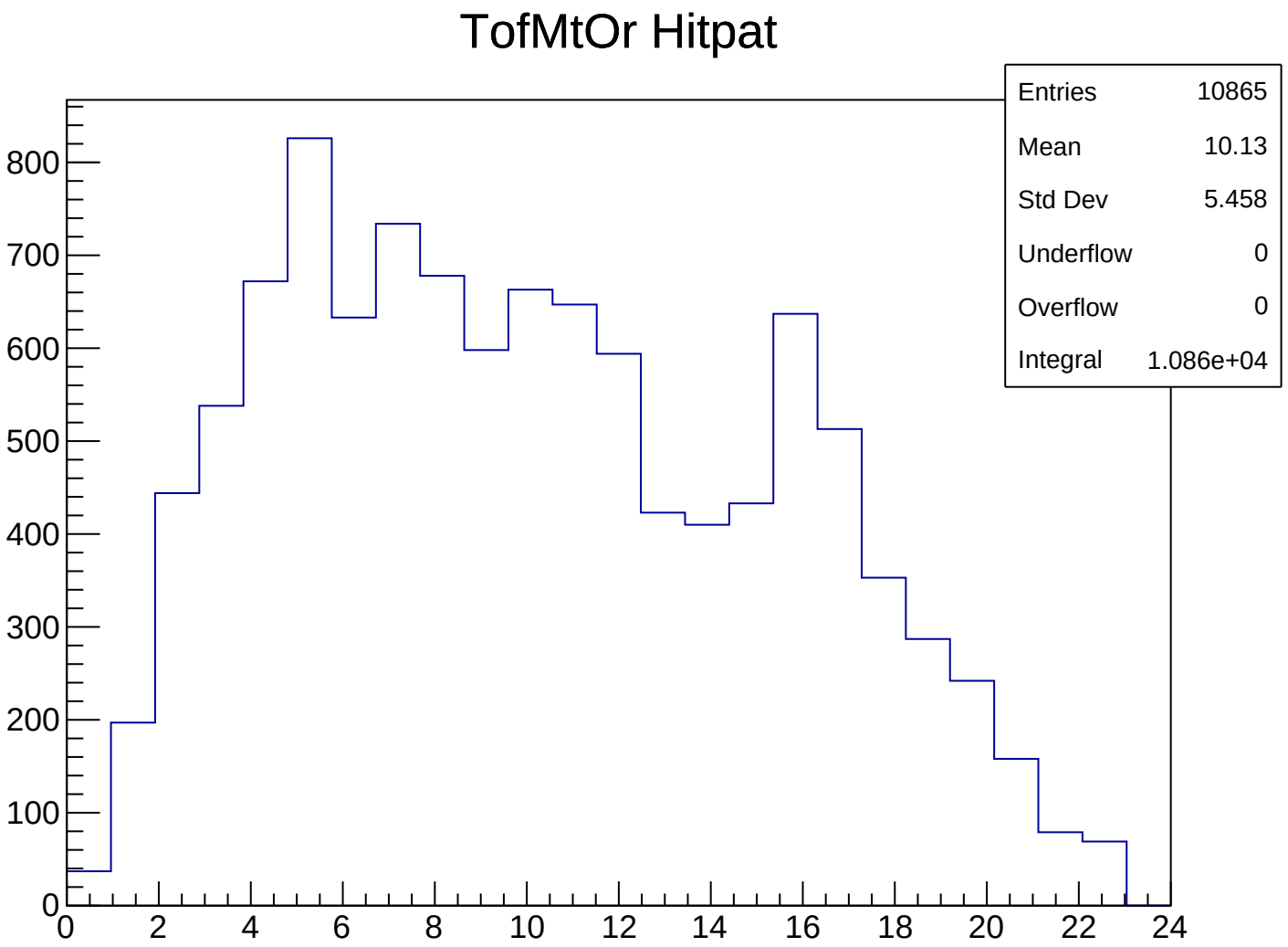
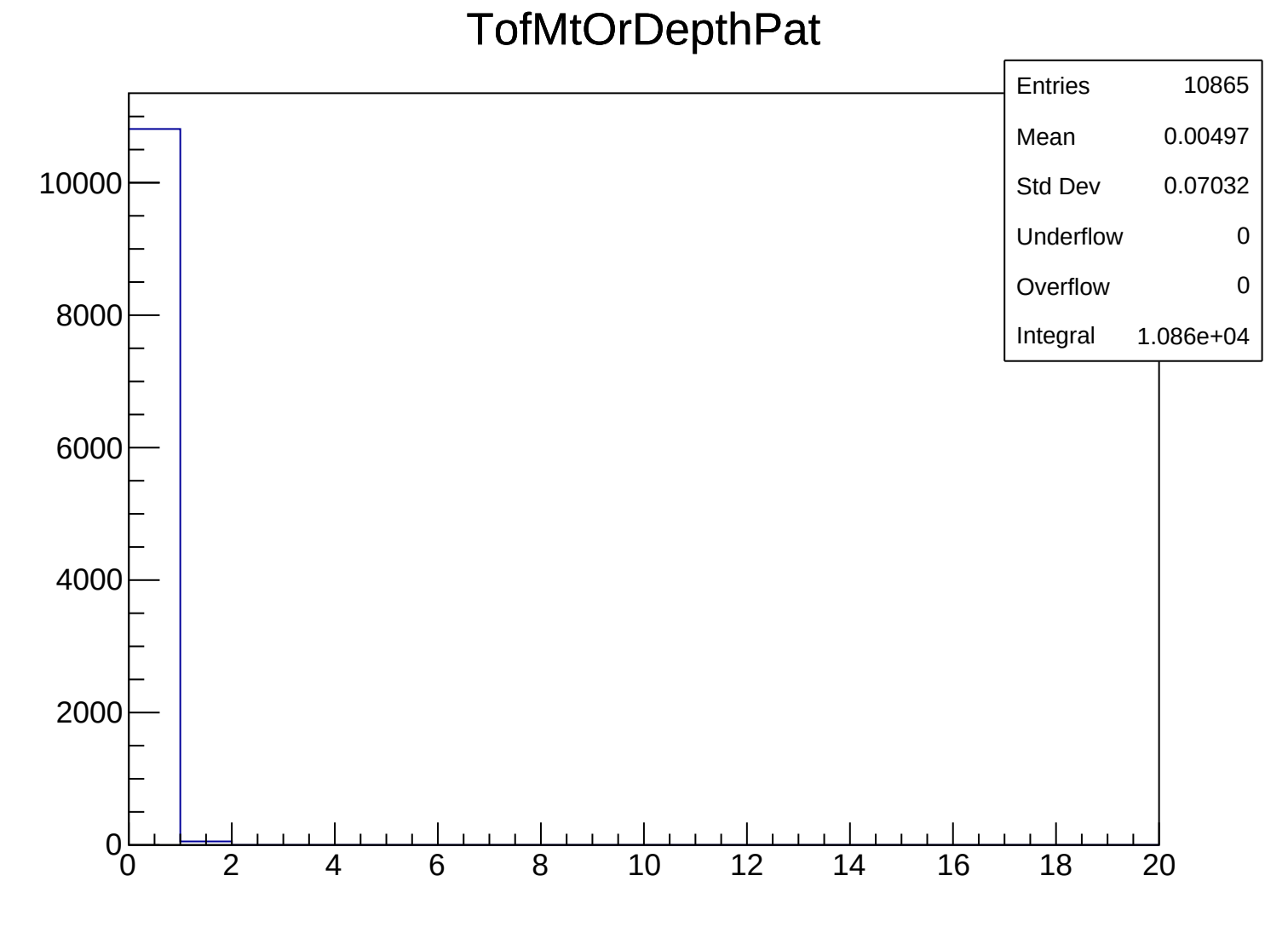
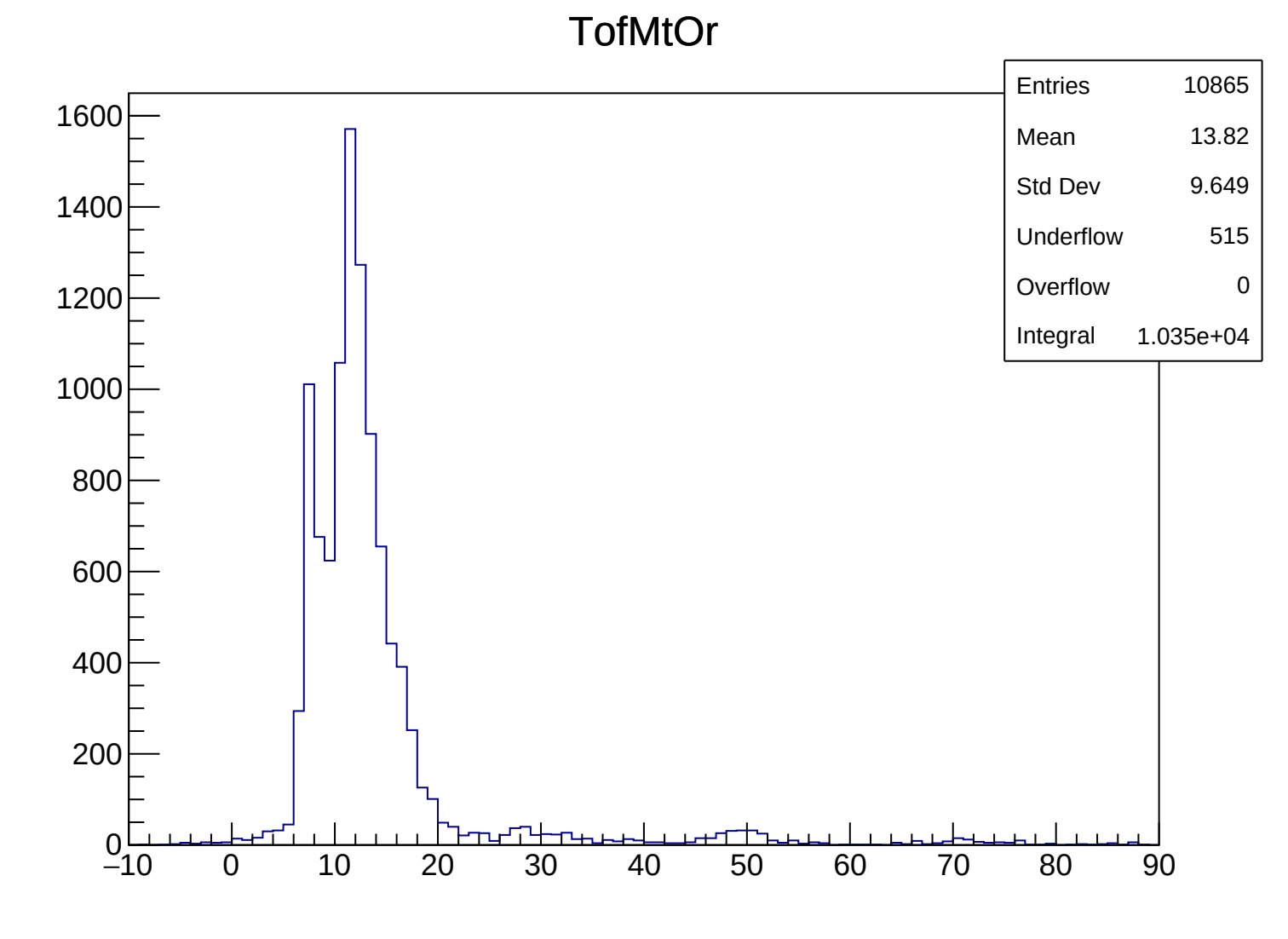

TofMtOr Hitpat
Entries 10865
Mean 10.13
Std Dev 5.458
Underflow 0
Overflow 0
Integral 1.086e+04
800
700
600
500
400
300
200
100
0
0
2
4
6
8
10
12
14
16
18
20
22
24


TofMtOrDepthPat
Entries 10865
Mean 0.00497
Std Dev 0.07032
Underflow 0
Overflow 0
Integral 1.086e+04
10000
8000
6000
4000
2000
0
0
2
4
6
8
10
12
14
16
18
20


TofMtOr
Entries 10865
Mean 13.82
Std Dev 9.649
Underflow 515
Overflow 0
Integral 1.035e+04
1600
1400
1200
1000
800
600
400
200
0
−10
0
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20
30
40
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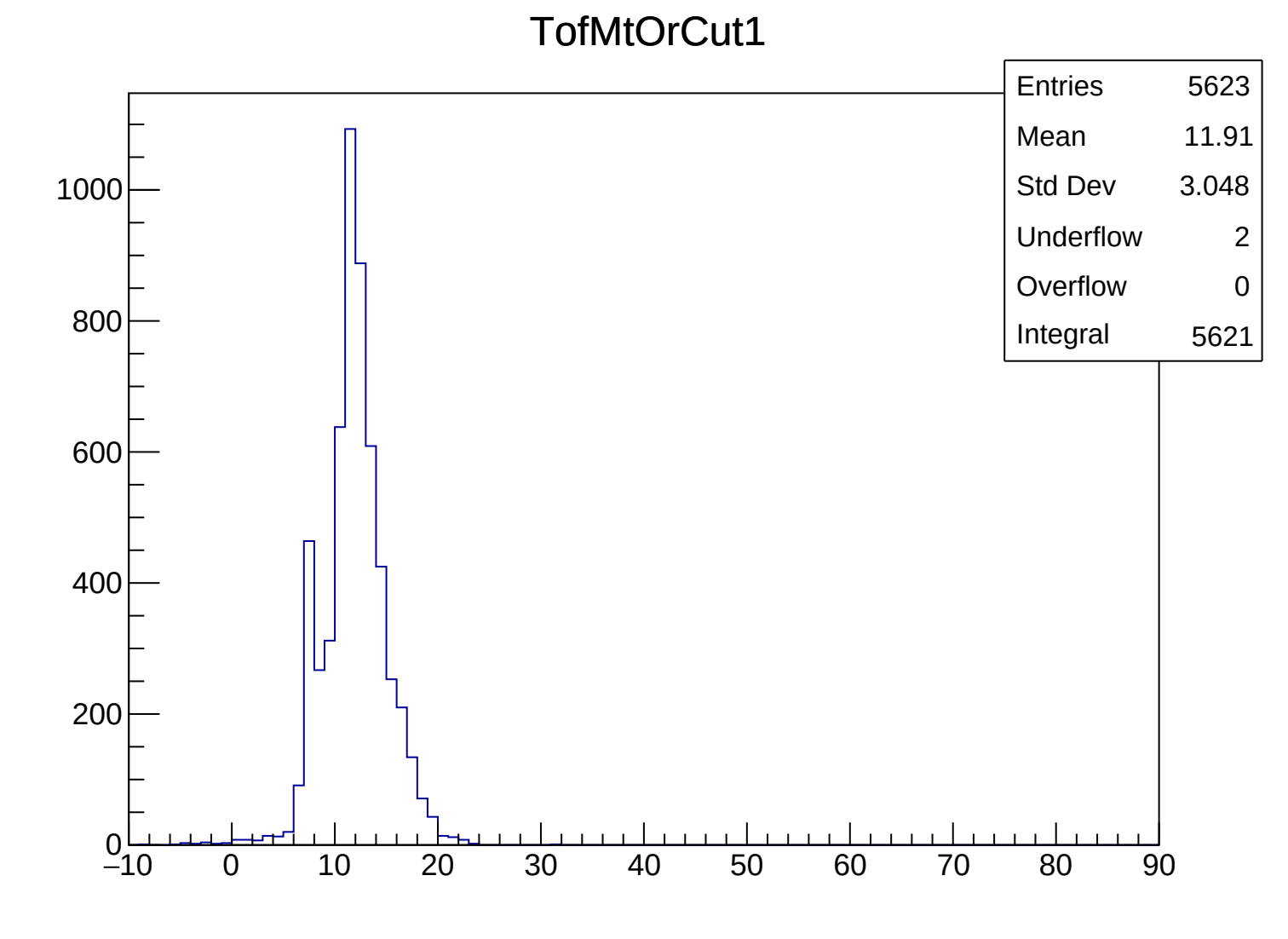
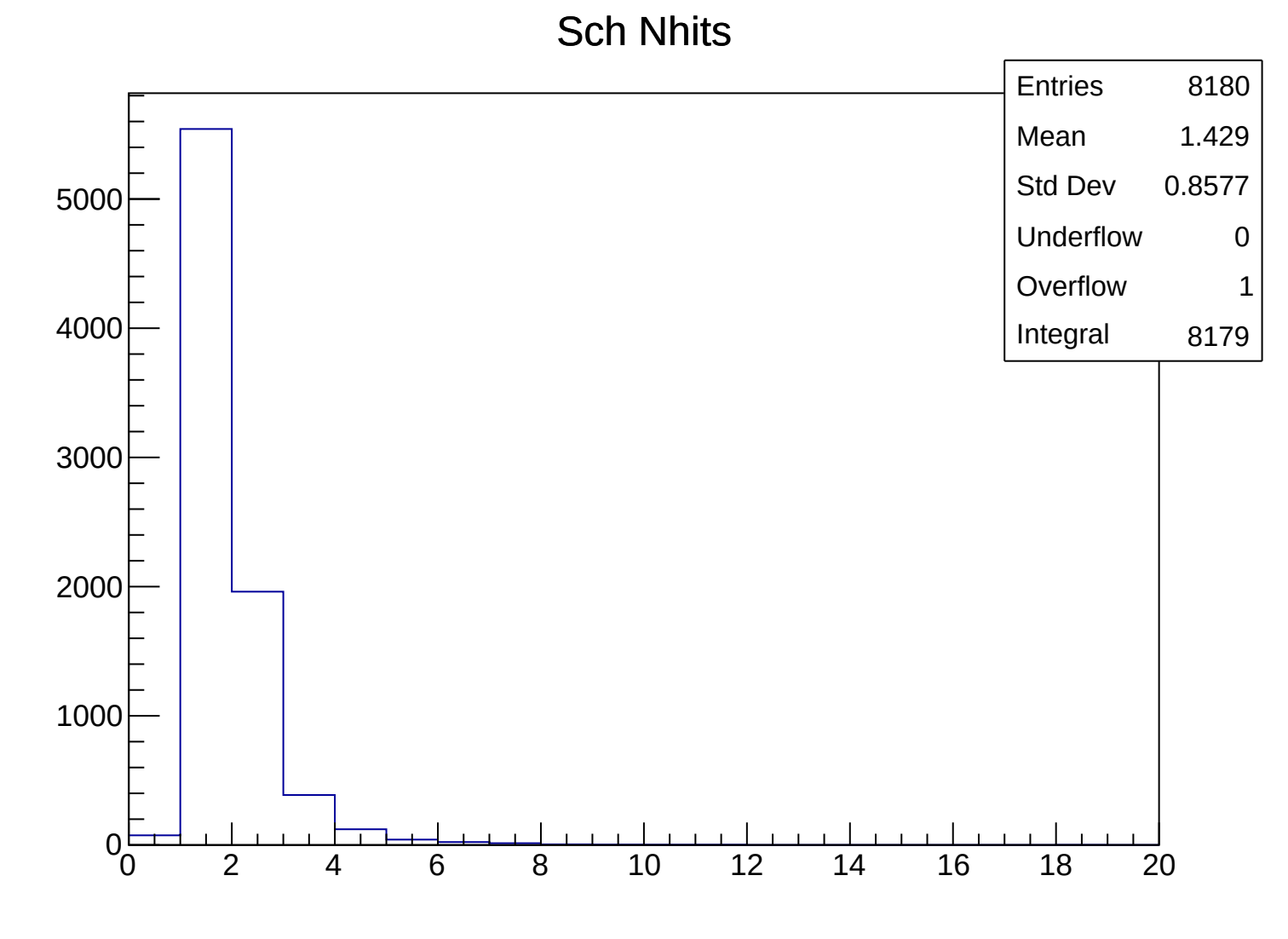
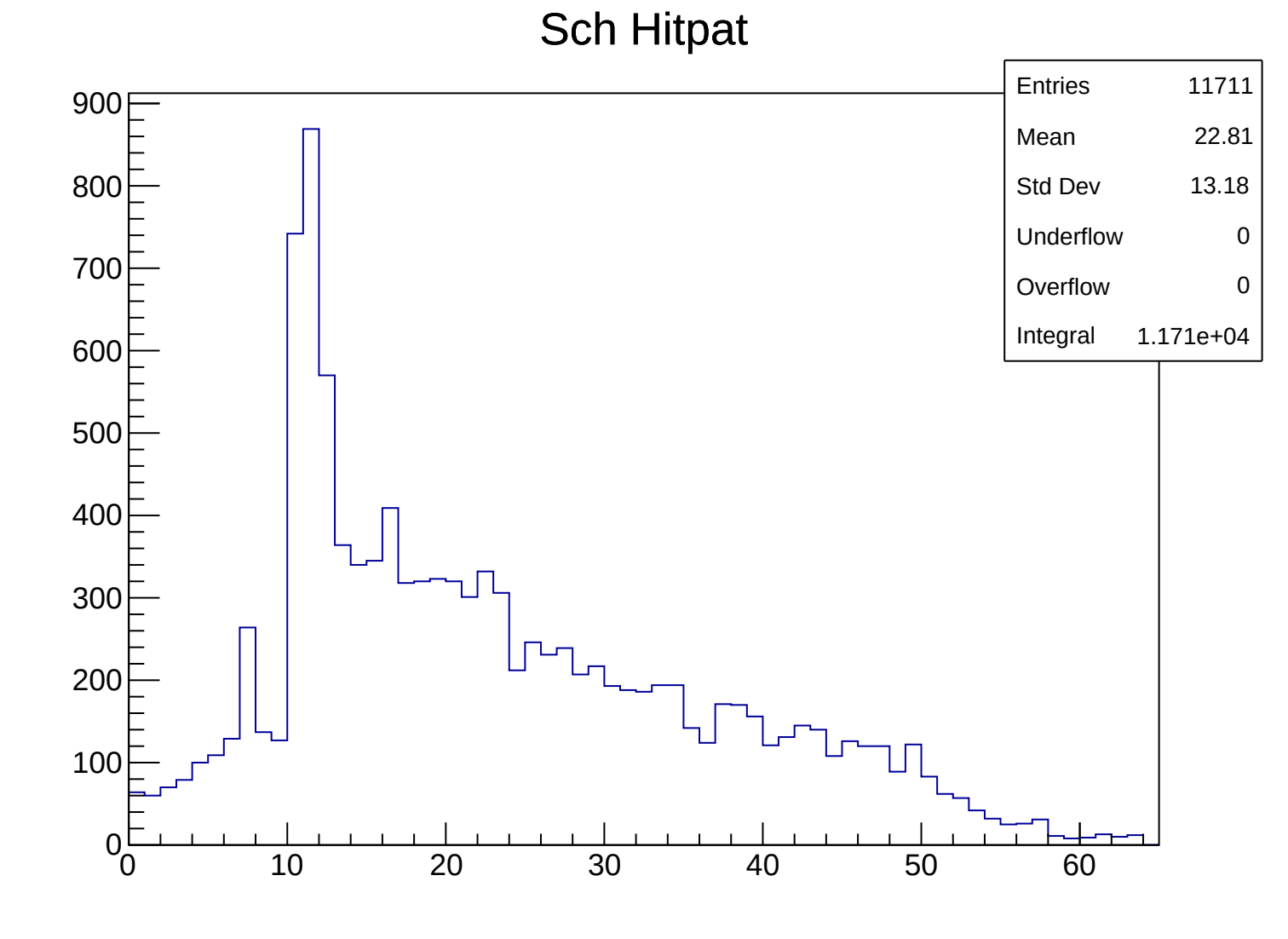
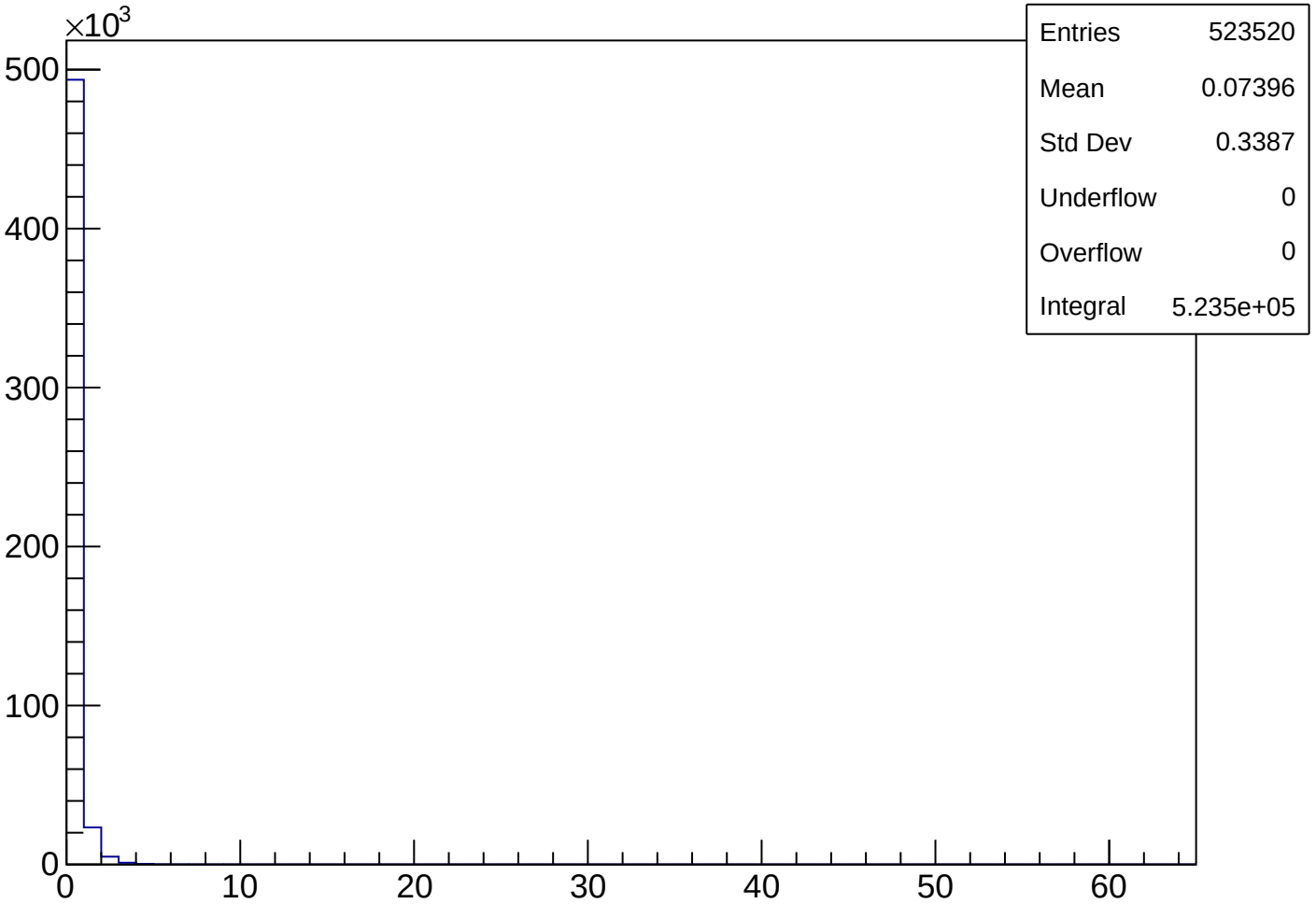
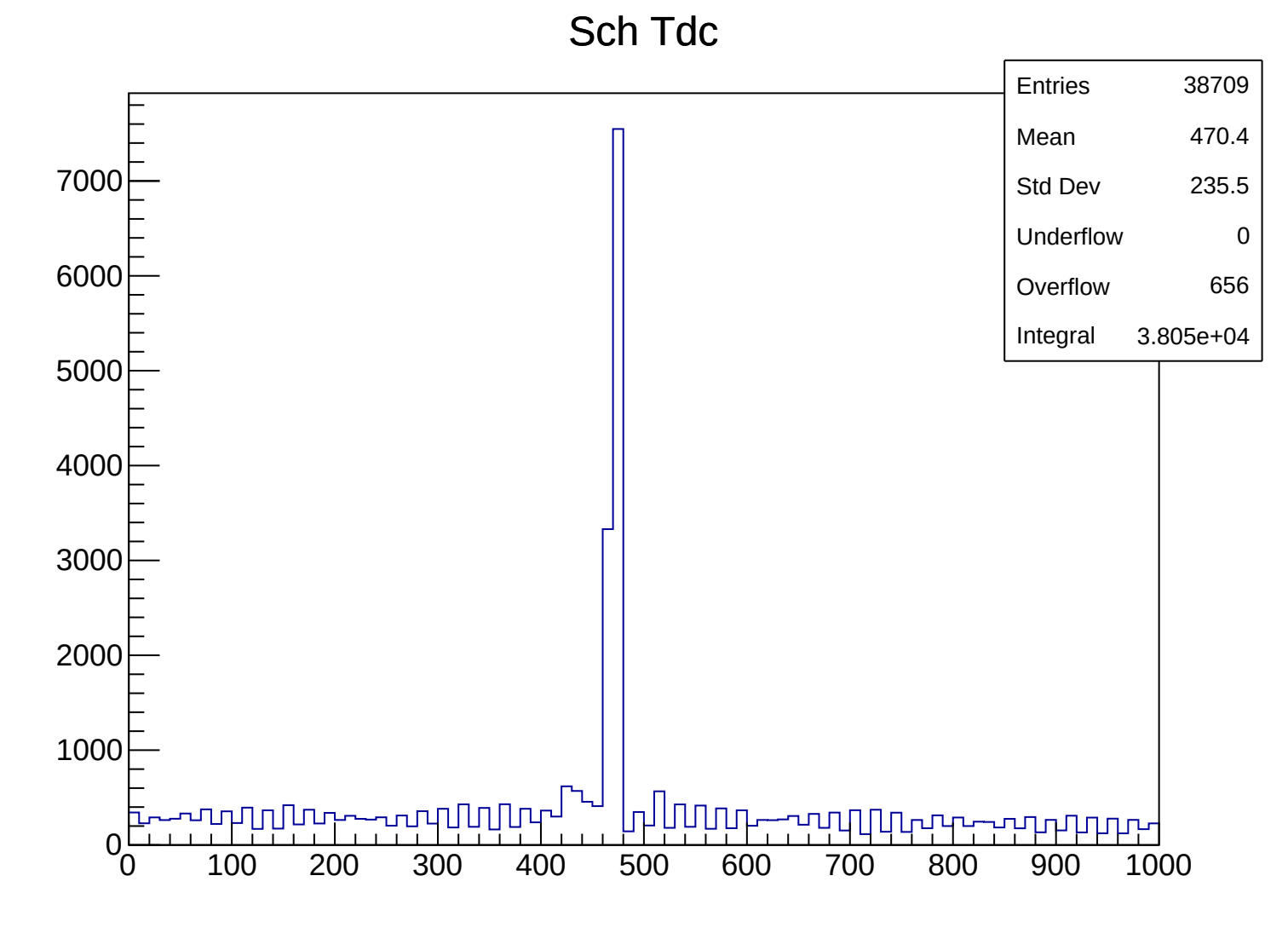
60
70
80
90


TofMtOrCut1
Entries 5623
Mean 11.91
Std Dev 3.048
Underflow 2
Overflow 0
Integral 5621
1000
800
600
400
200
0
−10
0
10
20
30
40
50
60
70
80
90


Sch Nhits
Entries 8180
Mean 1.429
Std Dev 0.8577
Underflow 0
Overflow 1
Integral 8179
5000
4000
3000
2000
1000
0
0
2
4
6
8
10
12
14
16
18
20


Sch Hitpat
Entries 11711
Mean 22.81
Std Dev 13.18
Underflow 0
Overflow 0
Integral 1.171e+04
900
800
700
600
500
400
300
200
100
0
0
10
20
30
40
50
60


Sch Depthpat
×10^3
500
400
300
200
100
0
0
10
20
30
40
50
60
Entries 523520
Mean 0.07396
Std Dev 0.3387
Underflow 0
Overflow 0
Integral 5.235e+05


Sch Tdc
Entries 38709
Mean 470.4
Std Dev 235.5
Underflow 0
Overflow 656
Integral 3.805e+04
7000
6000
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4000
3000
2000
1000
0
0
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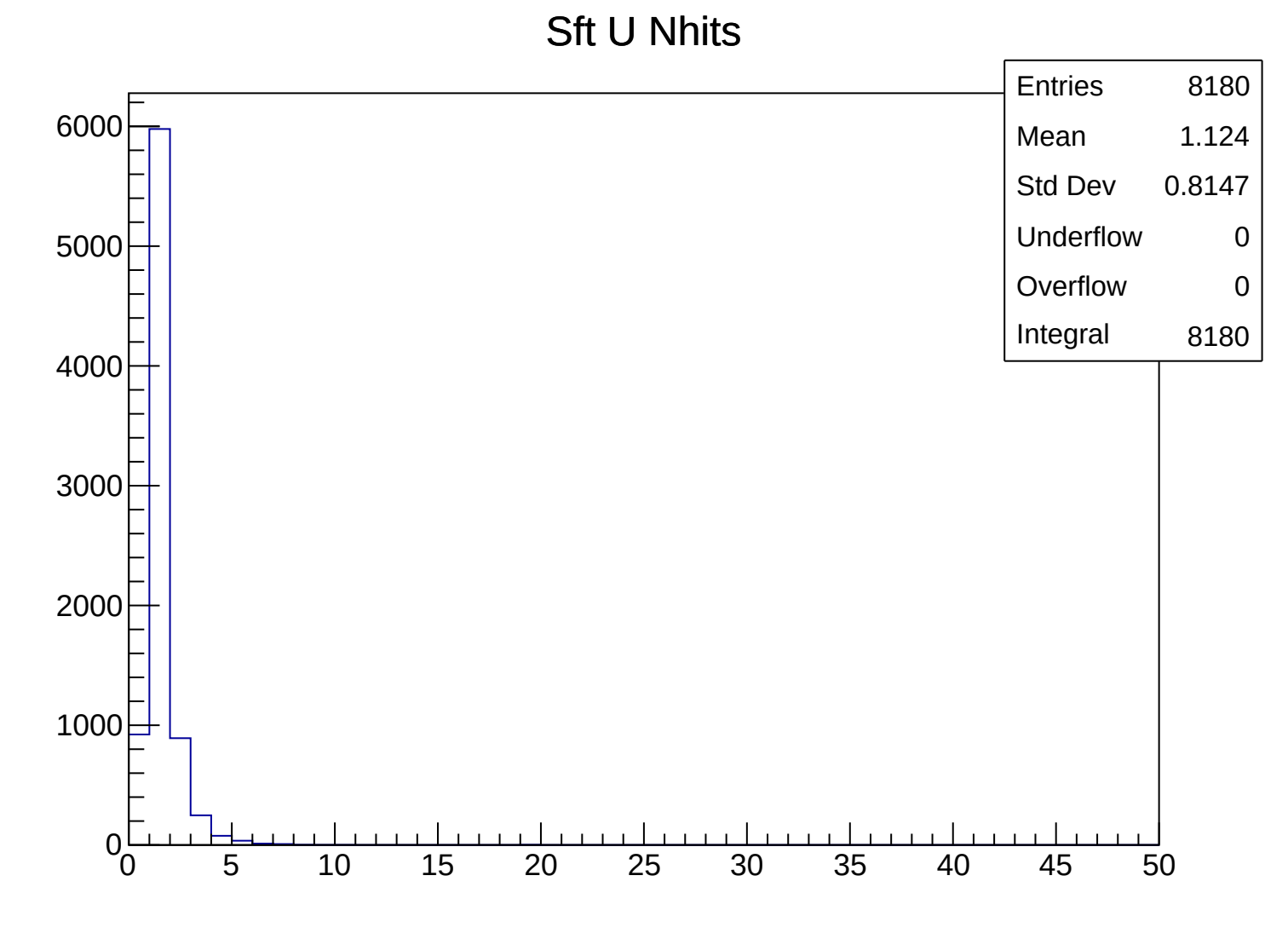
200
300
400
500
600
700
800
900
1000


Sft U Nhits
Entries 8180
Mean 1.124
Std Dev 0.8147
Underflow 0
Overflow 0
Integral 8180
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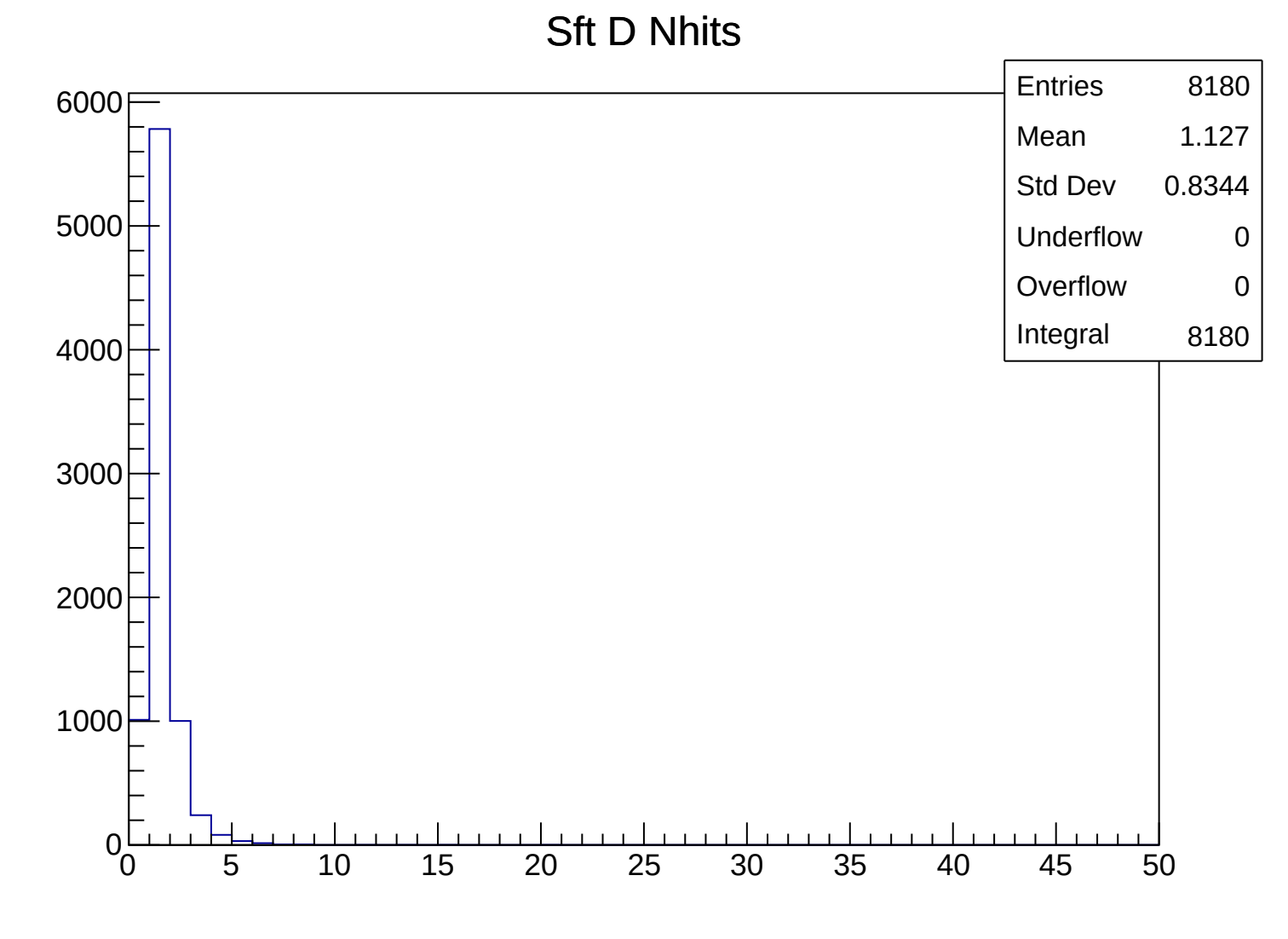
5000
4000
3000
2000
1000
0
0
5
10
15
20
25
30
35
40
45
50


Sft D Nhits
Entries 8180
Mean 1.127
Std Dev 0.8344
Underflow 0
Overflow 0
Integral 8180
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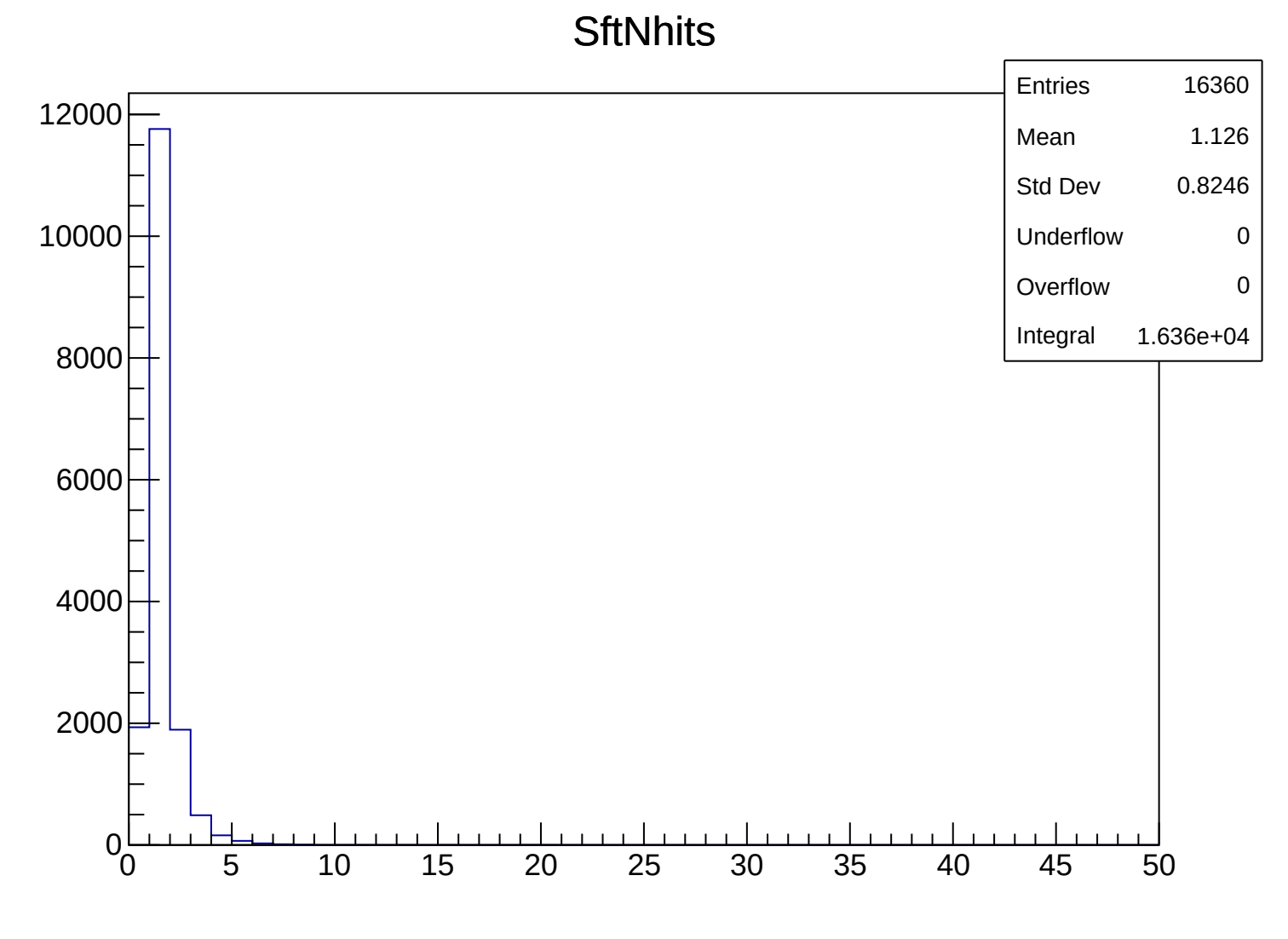
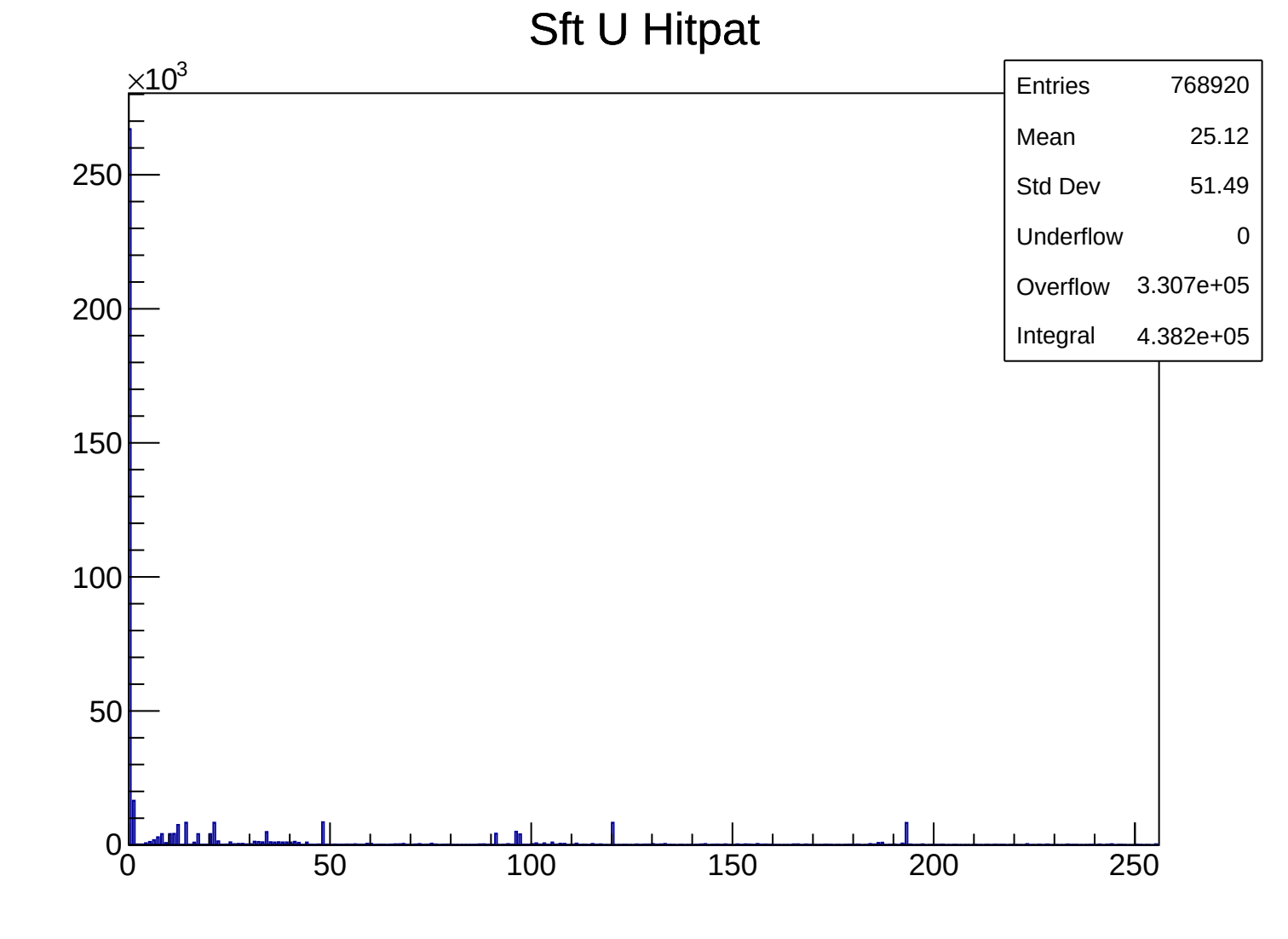
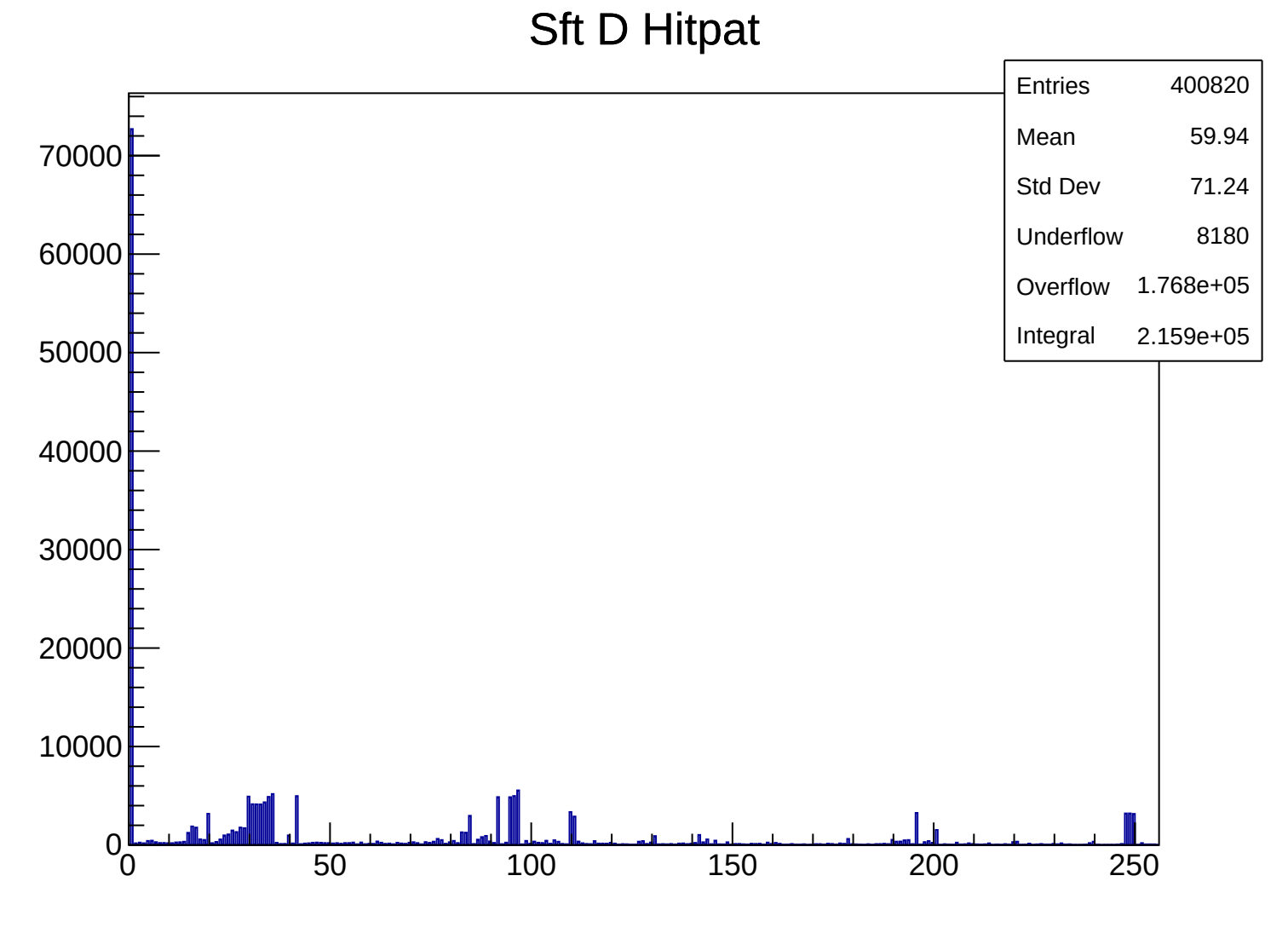
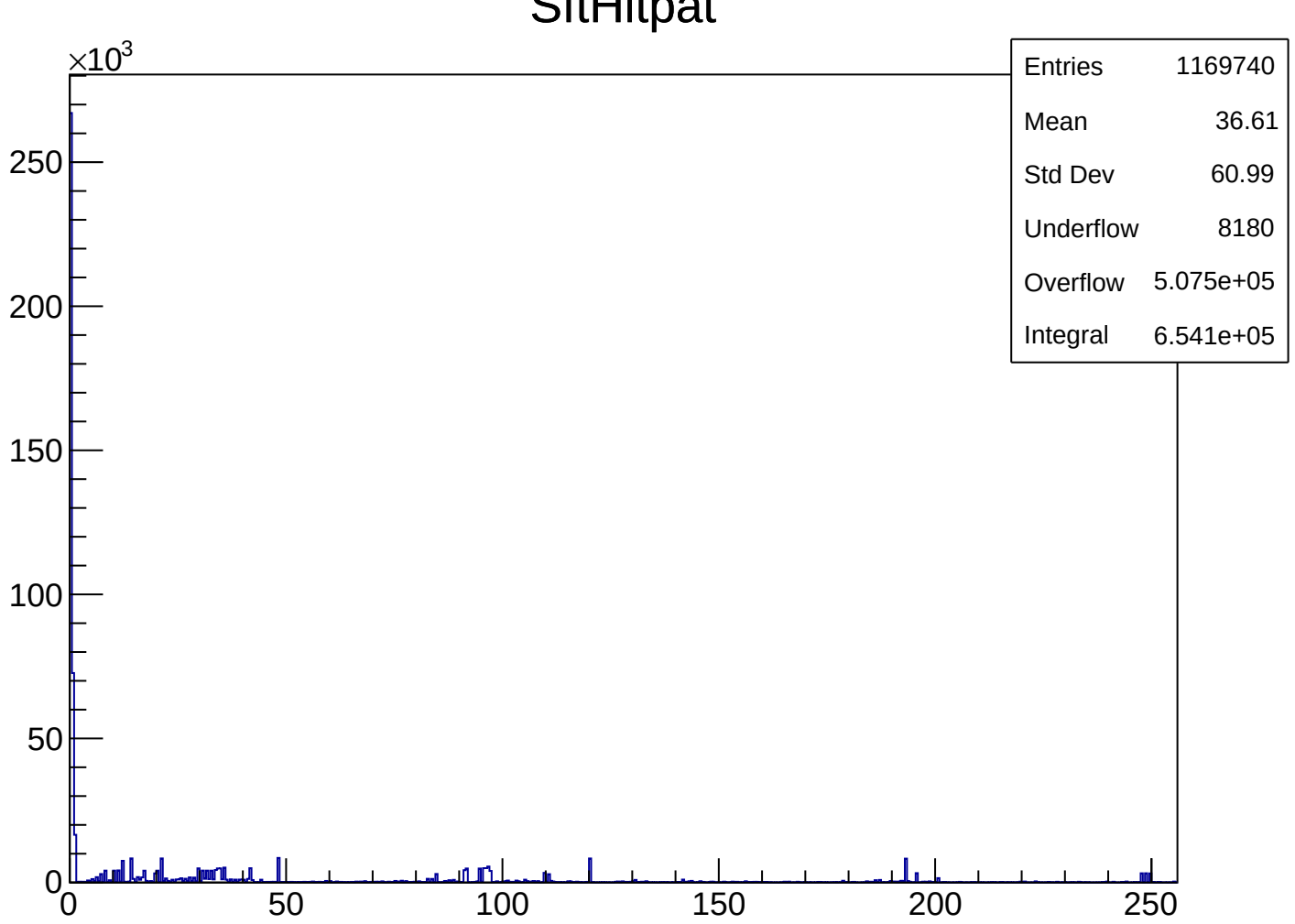
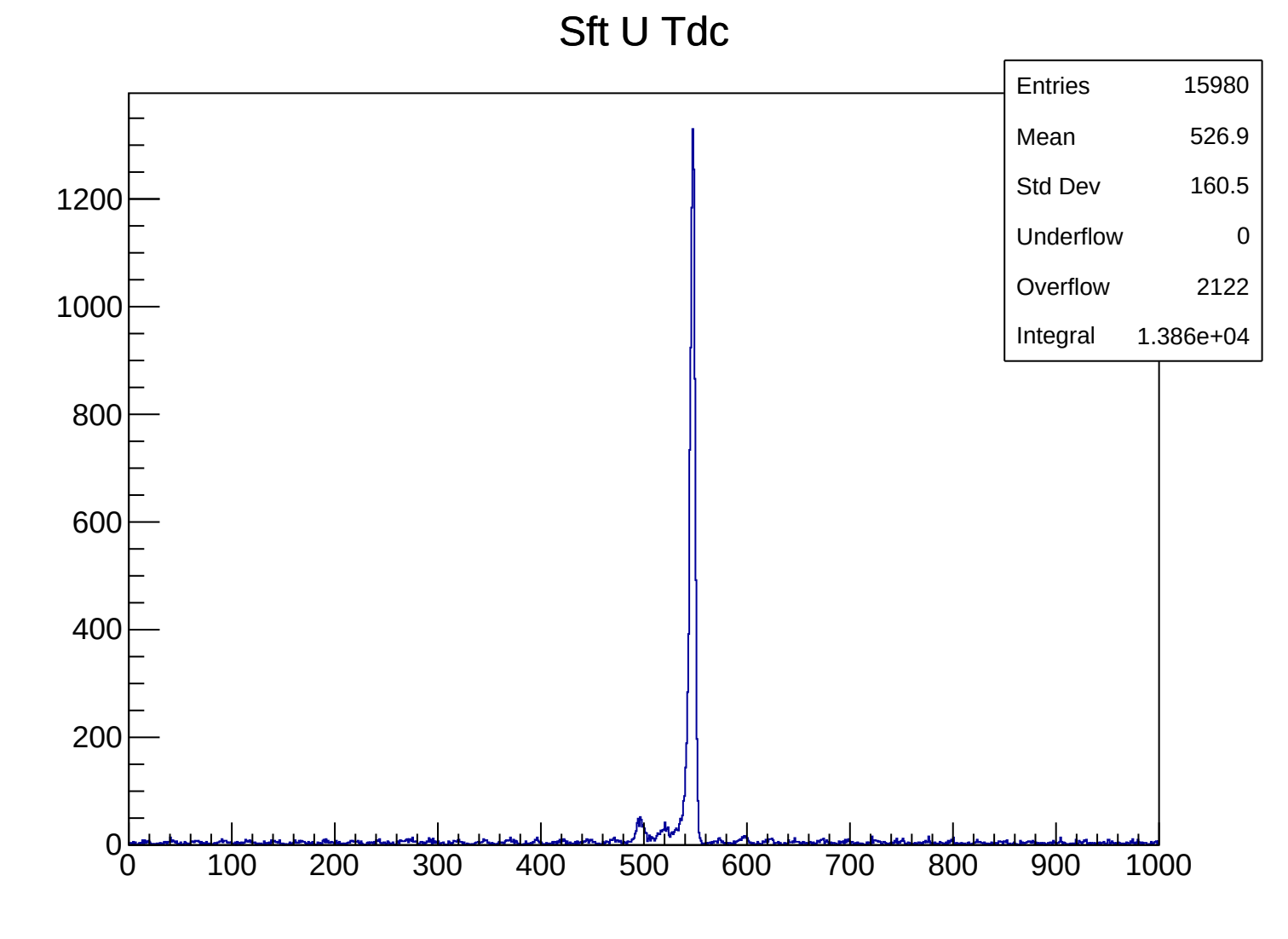
5000
4000
3000
2000
1000
0
0
5
10
15
20
25
30
35
40
45
50

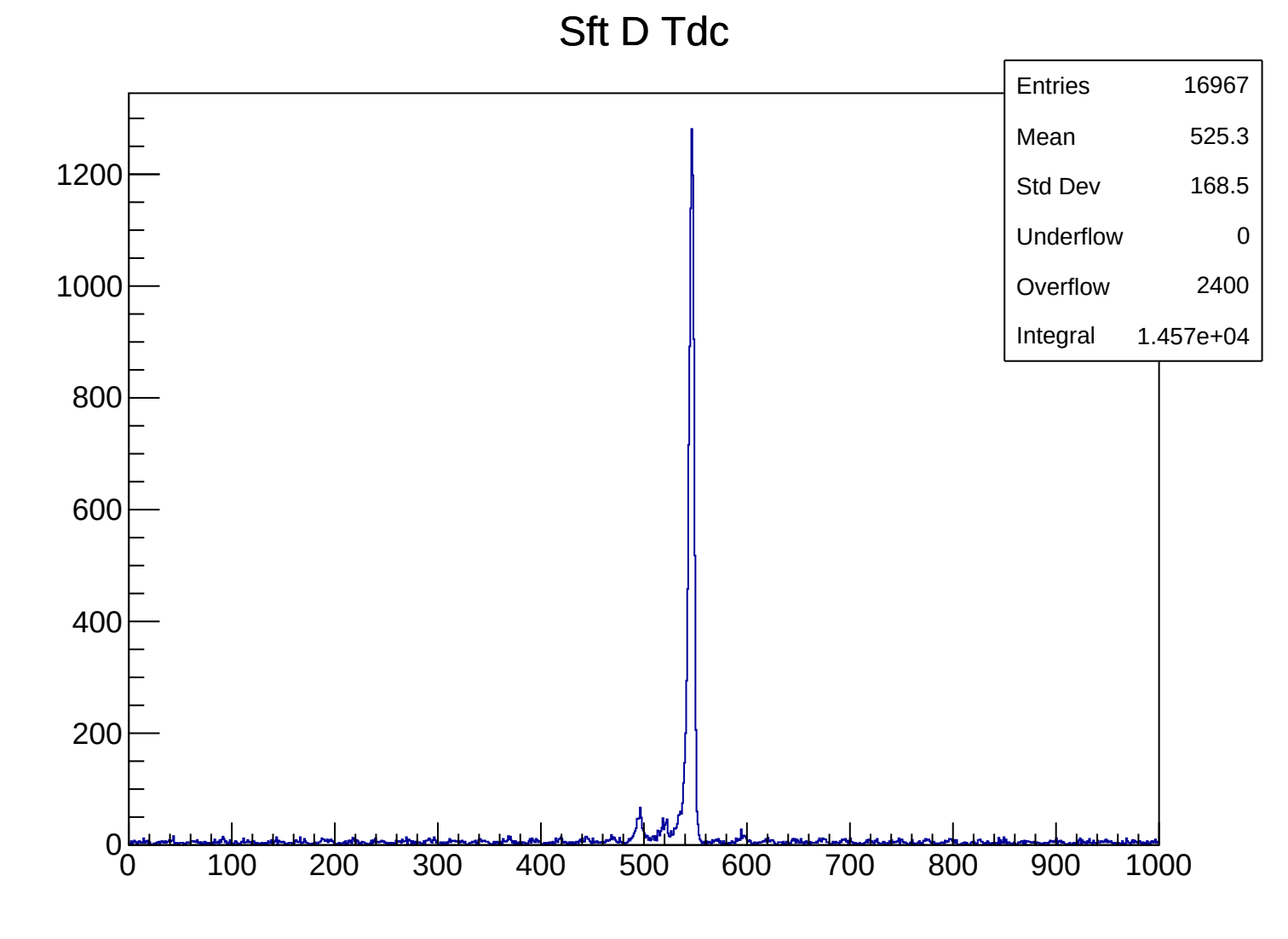

SftNhits
Entries 16360
Mean 1.126
Std Dev 0.8246
Underflow 0
Overflow 0
Integral 1.636e+04
12000
10000
8000
6000
4000
2000
0
0
5
10
15
20
25
30
35
40
45
50

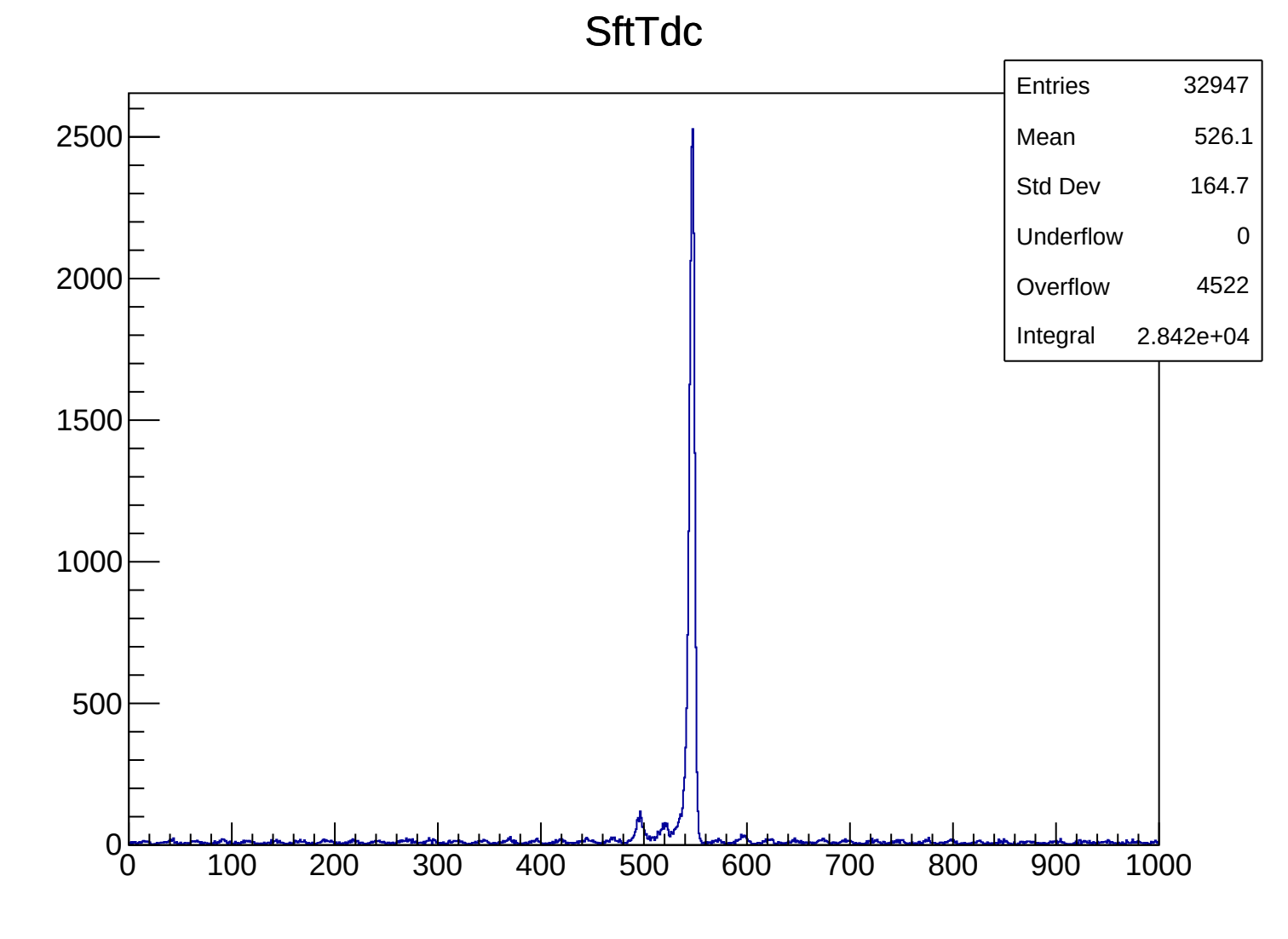

Sft U Hitpat
×10^3
250
200
150
100
50
0
0
50
100
150
200
250
Entries 768920
Mean 25.12
Std Dev 51.49
Underflow 0
Overflow 3.307e+05
Integral 4.382e+05

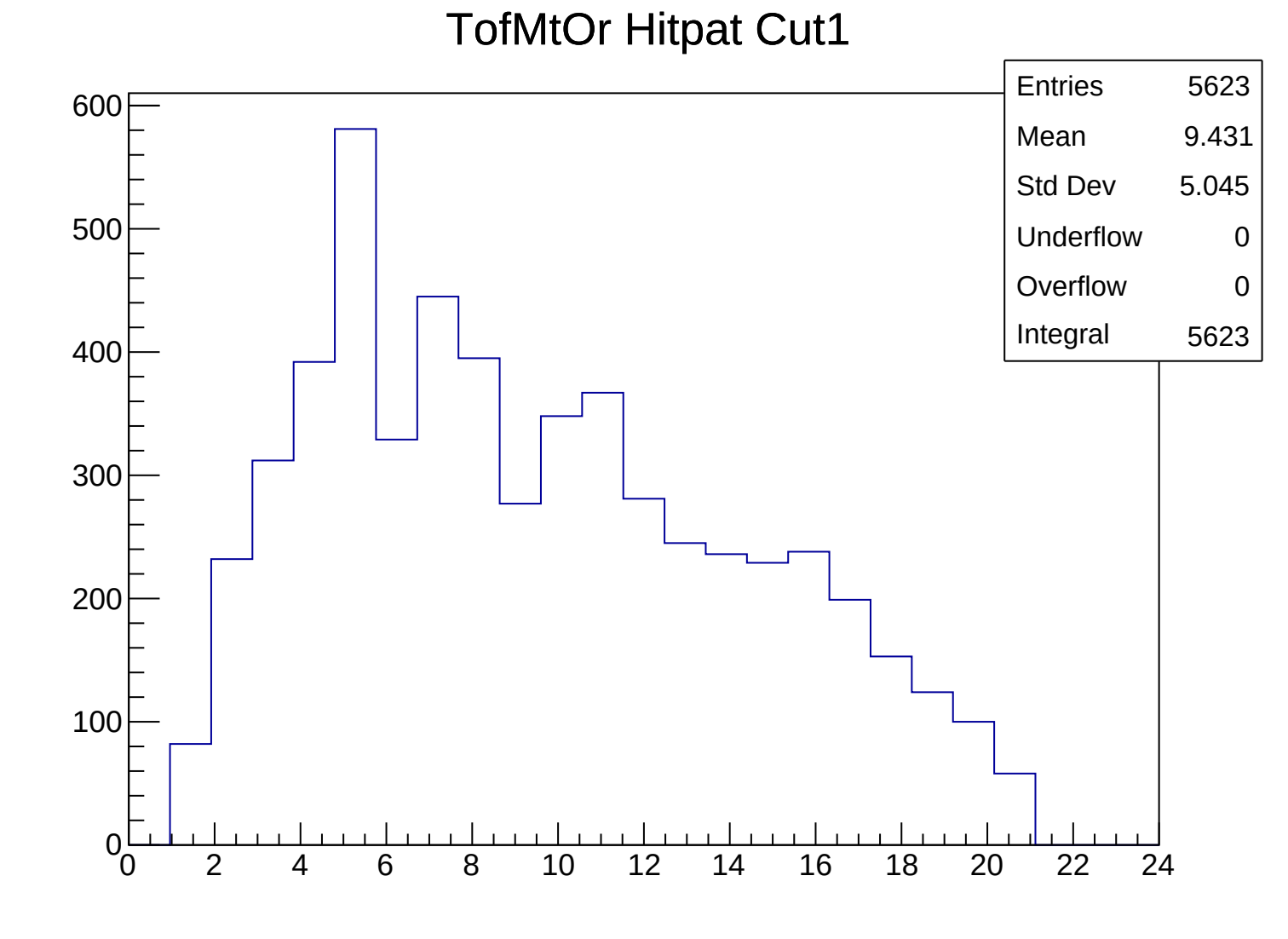

Sft D Hitpat
Entries 400820
Mean 59.94
Std Dev 71.24
Underflow 8180
Overflow 1.768e+05
Integral 2.159e+05
70000
60000
50000
40000
30000
20000
10000
0
0
50
100
150
200
250


SftHitpat
×10^3
250
200
150
100
50
0
0
50
100
150
200
250
Entries 1169740
Mean 36.61
Std Dev 60.99
Underflow 8180
Overflow 5.075e+05
Integral 6.541e+05


Sft U Tdc
Entries 15980
Mean 526.9
Std Dev 160.5
Underflow 0
Overflow 2122
Integral 1.386e+04
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000


Sft D Tdc
Entries 16967
Mean 525.3
Std Dev 168.5
Underflow 0
Overflow 2400
Integral 1.457e+04
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000


SftTdc
Entries 32947
Mean 526.1
Std Dev 164.7
Underflow 0
Overflow 4522
Integral 2.842e+04
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000


TofMtOr Hitpat Cut1
Entries 5623
Mean 9.431
Std Dev 5.045
Underflow 0
Overflow 0
Integral 5623
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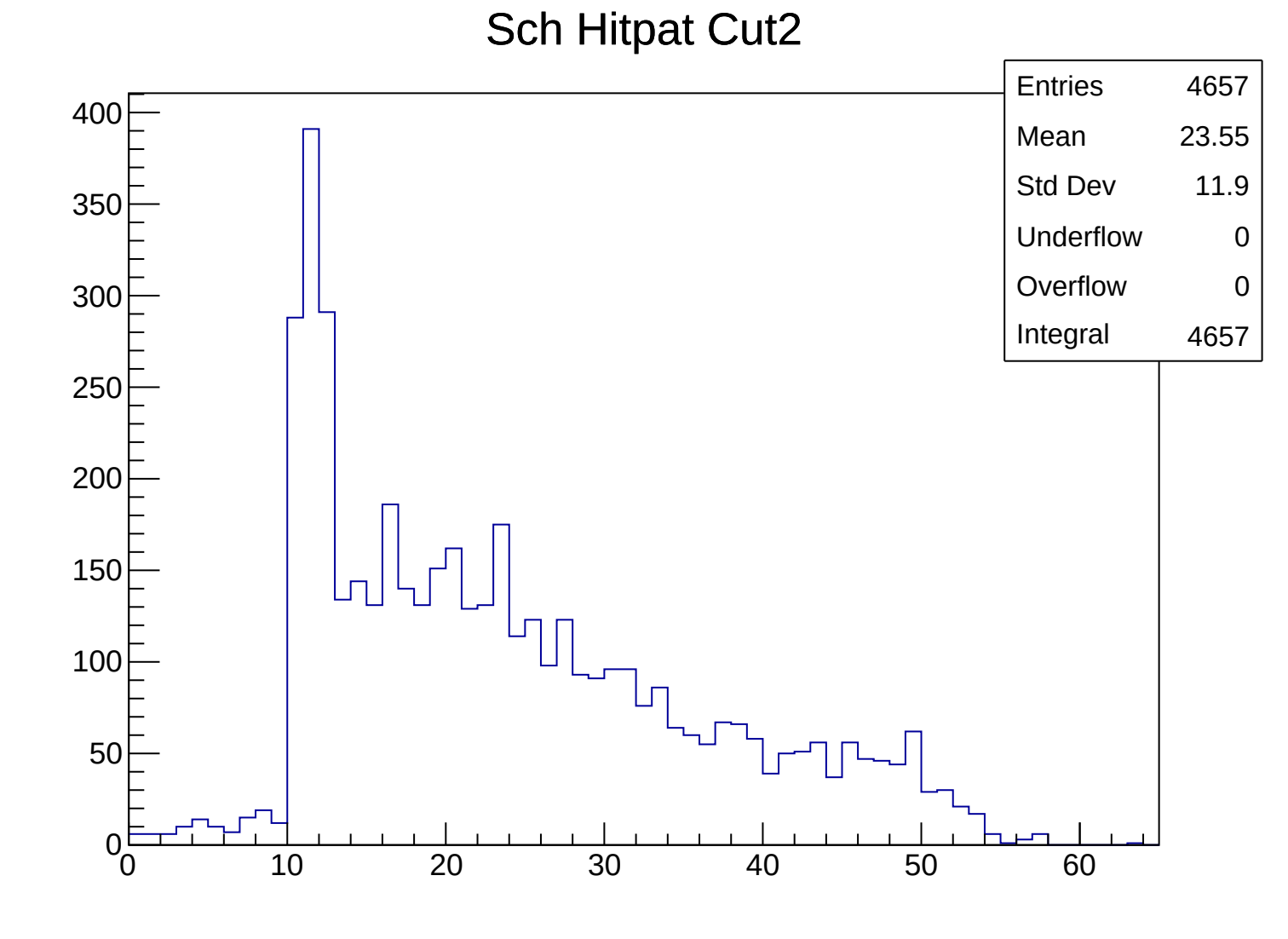
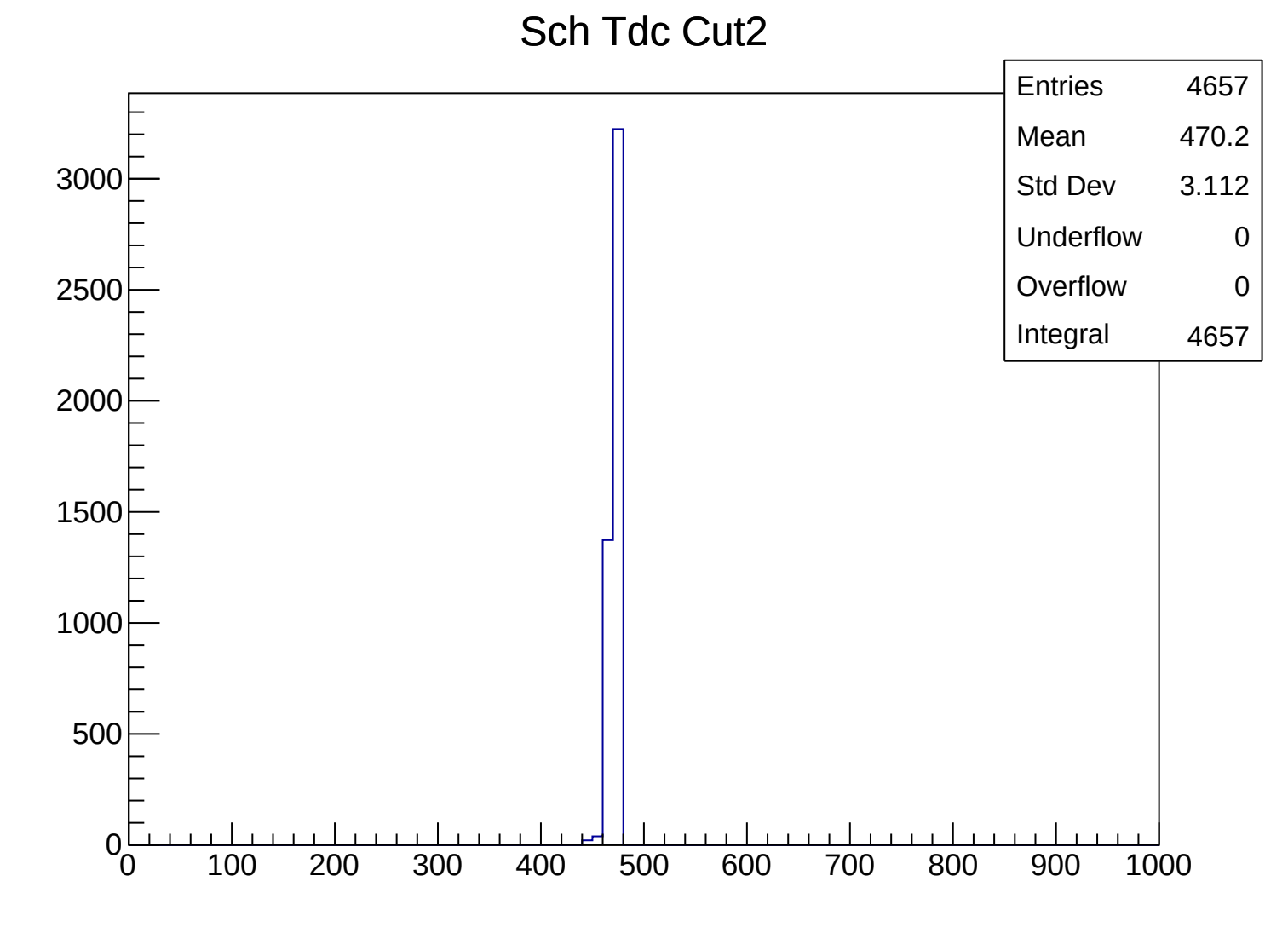
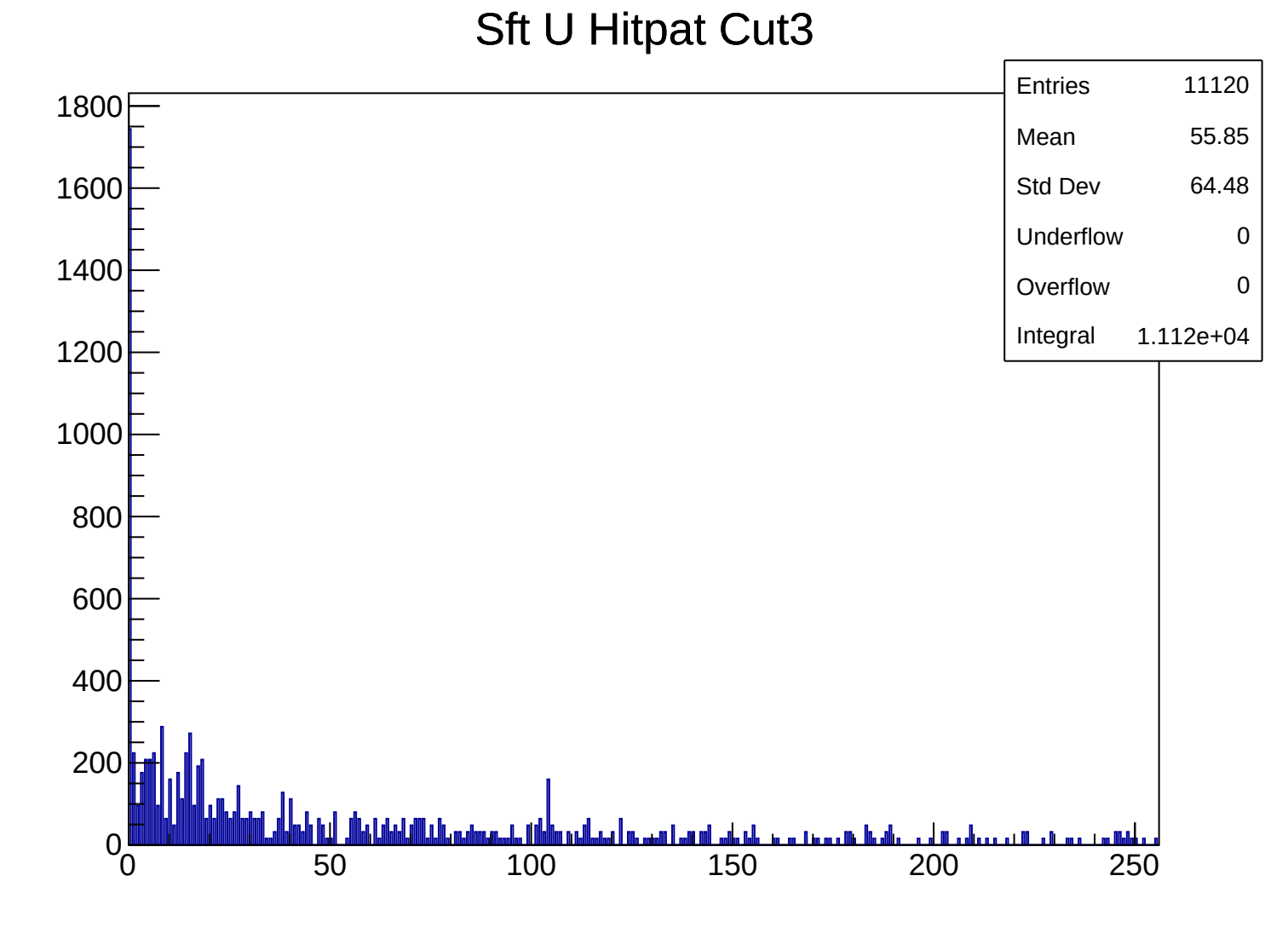
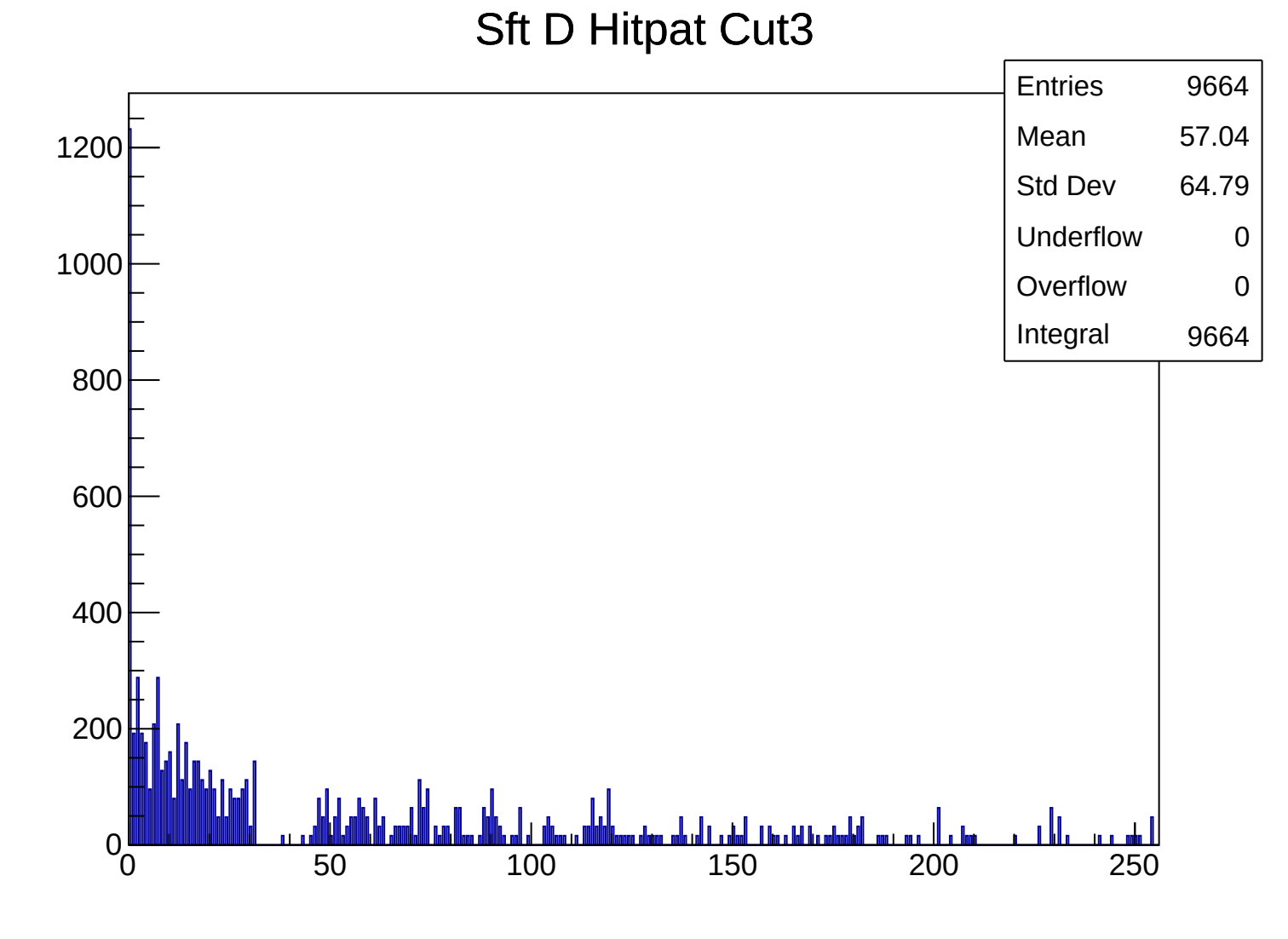
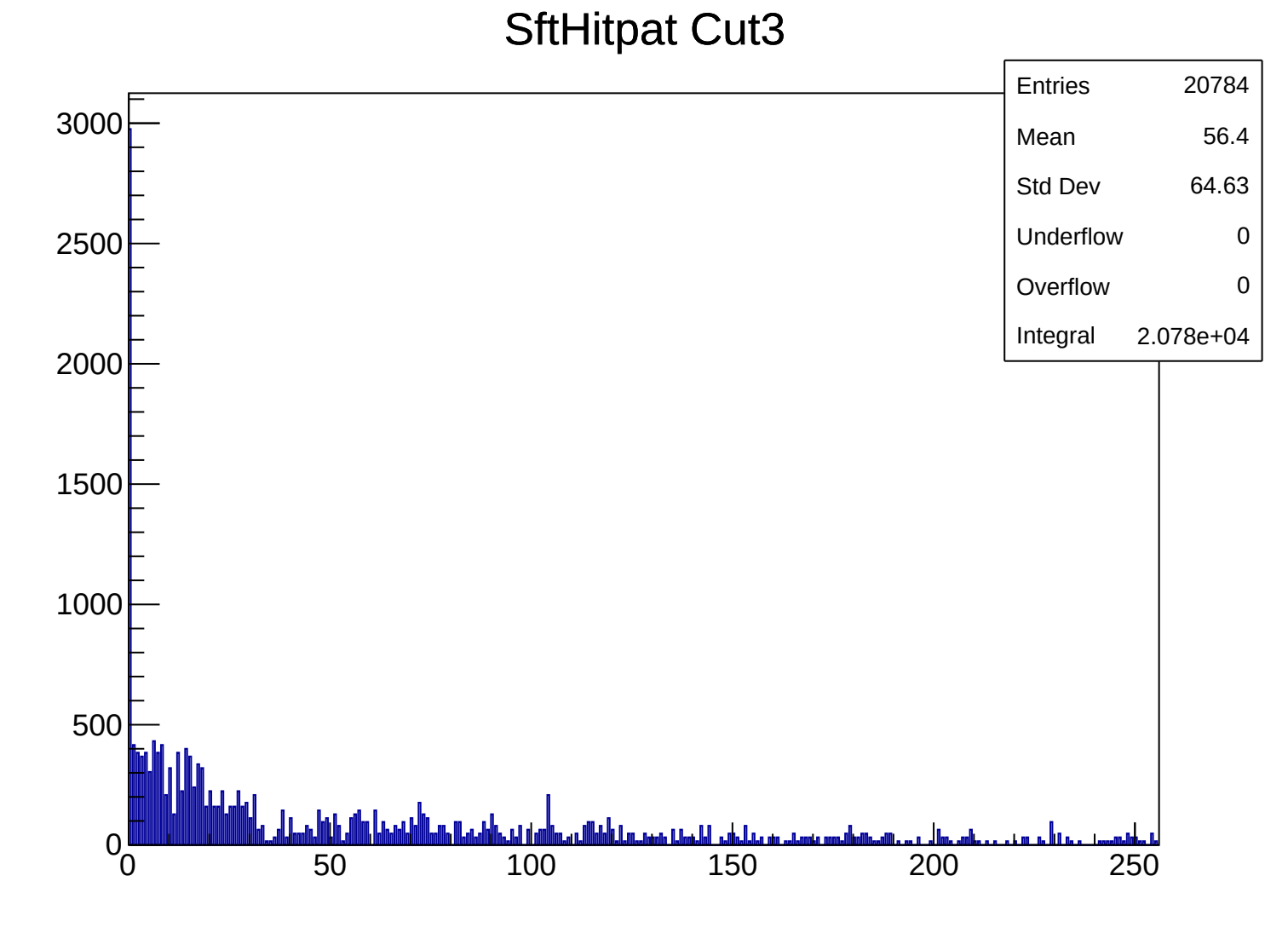
500
400
300
200
100
0
0
2
4
6
8
10
12
14
16
18
20
22
24


Sch Hitpat Cut2
Entries 4657
Mean 23.55
Std Dev 11.9
Underflow 0
Overflow 0
Integral 4657
400
350
300
250
200
150
100
50
0
0
10
20
30
40
50
60


Sch Tdc Cut2
Entries 4657
Mean 470.2
Std Dev 3.112
Underflow 0
Overflow 0
Integral 4657
3000
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000


Sft U Hitpat Cut3
Entries 11120
Mean 55.85
Std Dev 64.48
Underflow 0
Overflow 0
Integral 1.112e+04
1800
1600
1400
1200
1000
800
600
400
200
0
0
50
100
150
200
250


Sft D Hitpat Cut3
Entries 9664
Mean 57.04
Std Dev 64.79
Underflow 0
Overflow 0
Integral 9664
1200
1000
800
600
400
200
0
0
50
100
150
200
250


SftHitpat Cut3
Entries 20784
Mean 56.4
Std Dev 64.63
Underflow 0
Overflow 0
Integral 2.078e+04
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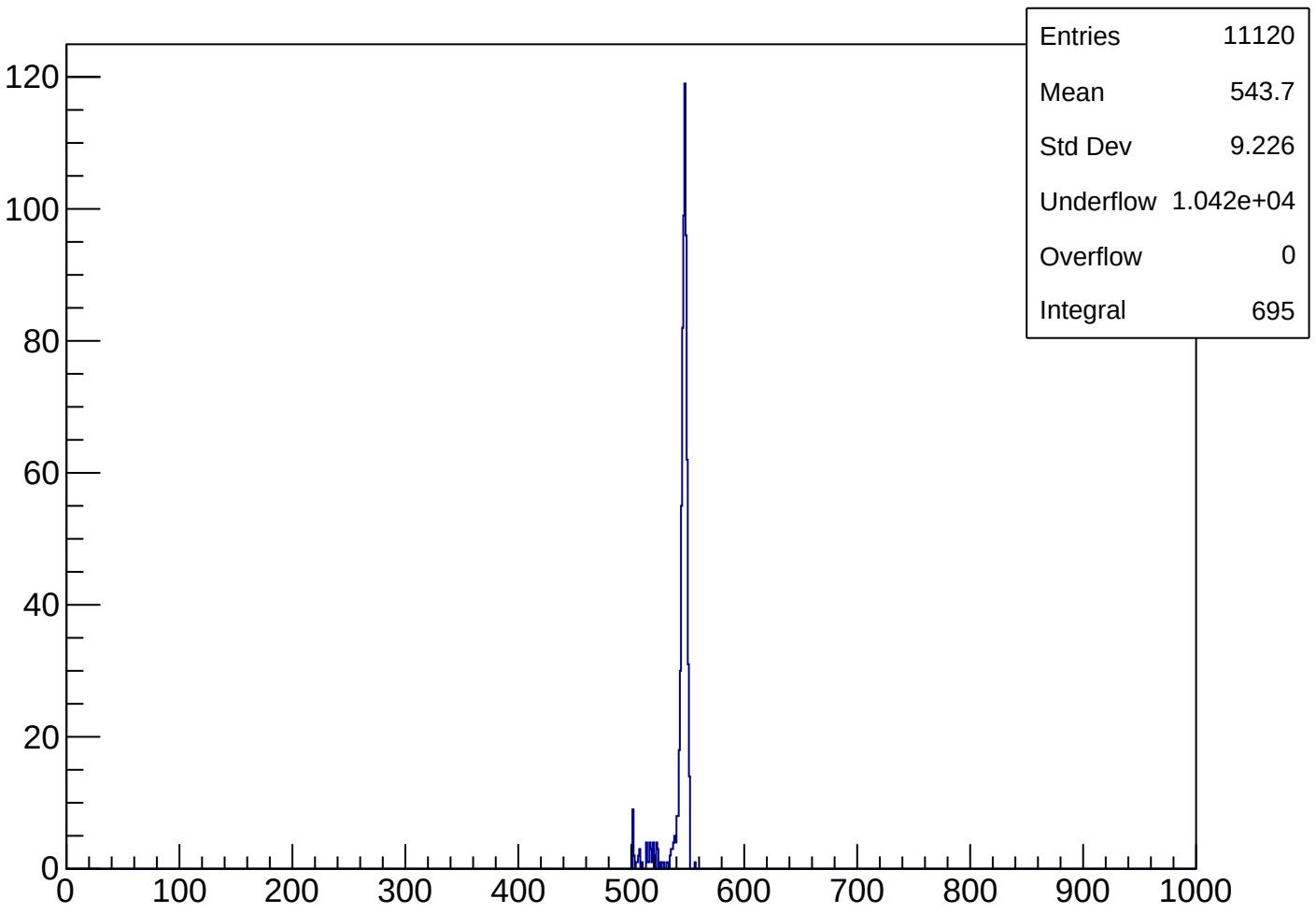
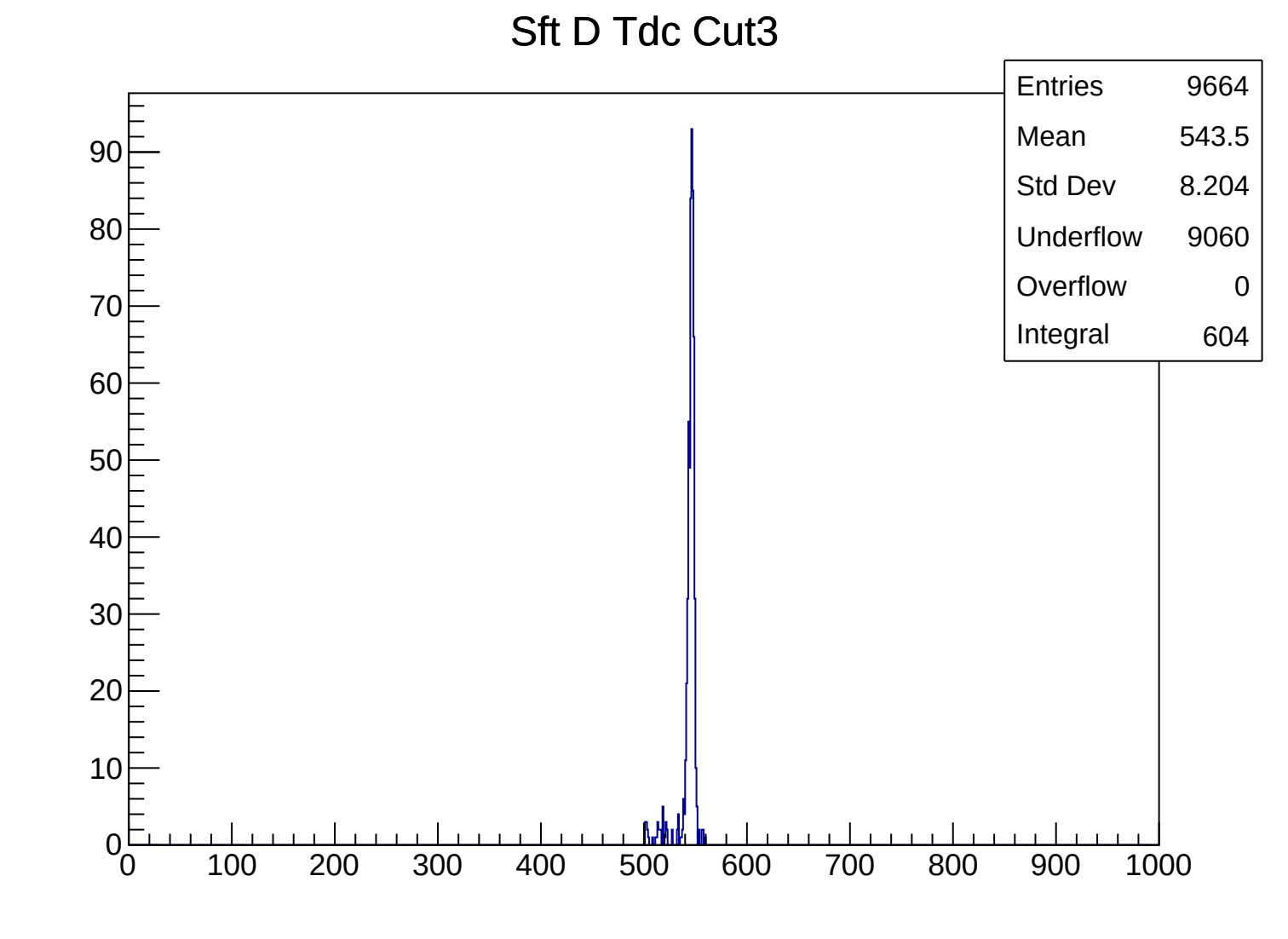
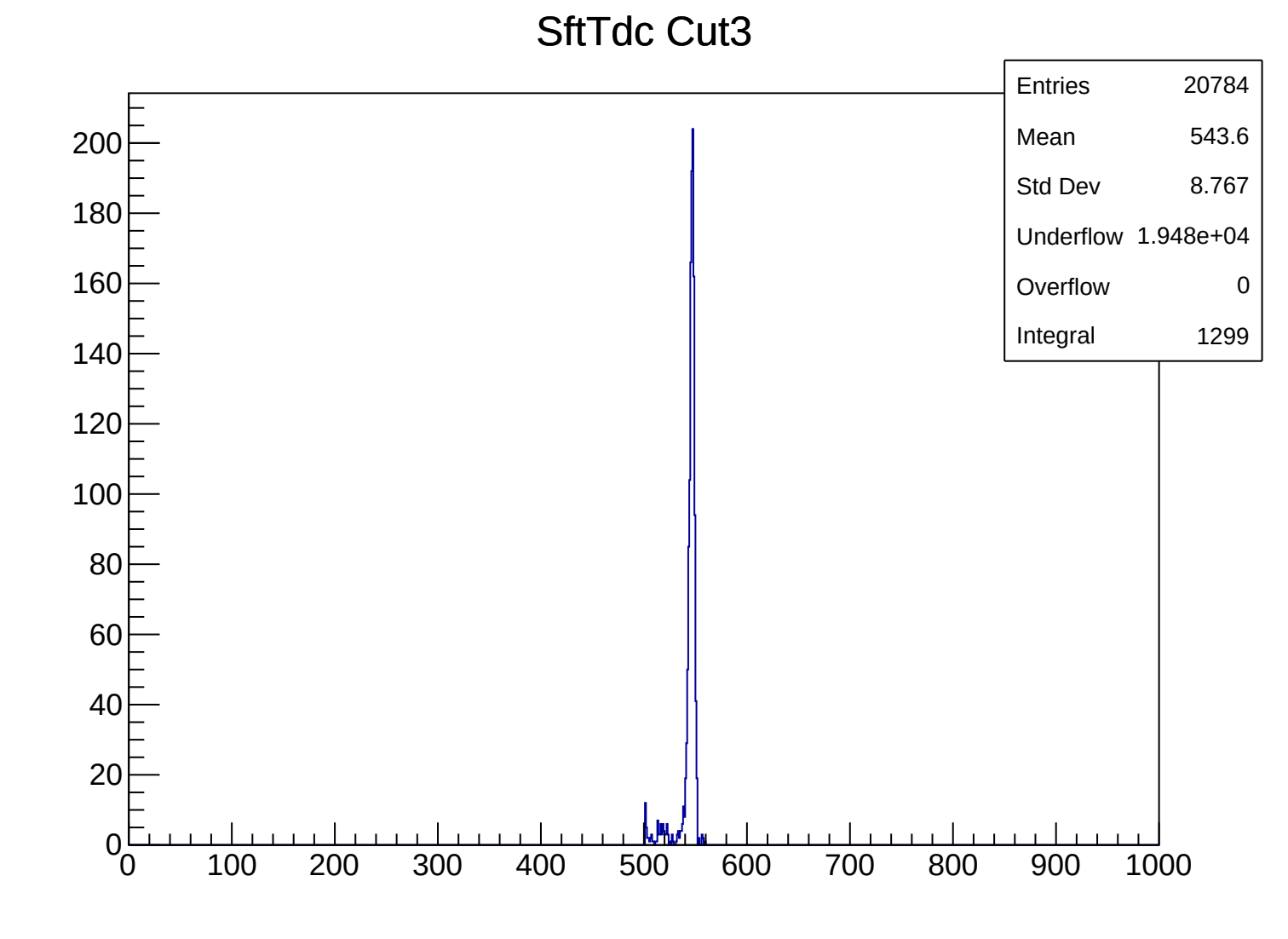
2500
2000
1500
1000
500
0
0
50
100
150
200
250


Sft U Tdc Cut3
Entries 11120
Mean 543.7
Std Dev 9.226
Underflow 1.042e+04
Overflow 0
Integral 695
120
100
80
60
40
20
0
0
100
200
300
400
500
600
700
800
900
1000


Sft D Tdc Cut3
Entries 9664
Mean 543.5
Std Dev 8.204
Underflow 9060
Overflow 0
Integral 604
0
10
20
30
40
50
60
70
80
90
0
100
200
300
400
500
600
700
800
900
1000


SftTdc Cut3
Entries 20784
Mean 543.6
Std Dev 8.767
Underflow 1.948e+04
Overflow 0
Integral 1299
0
20
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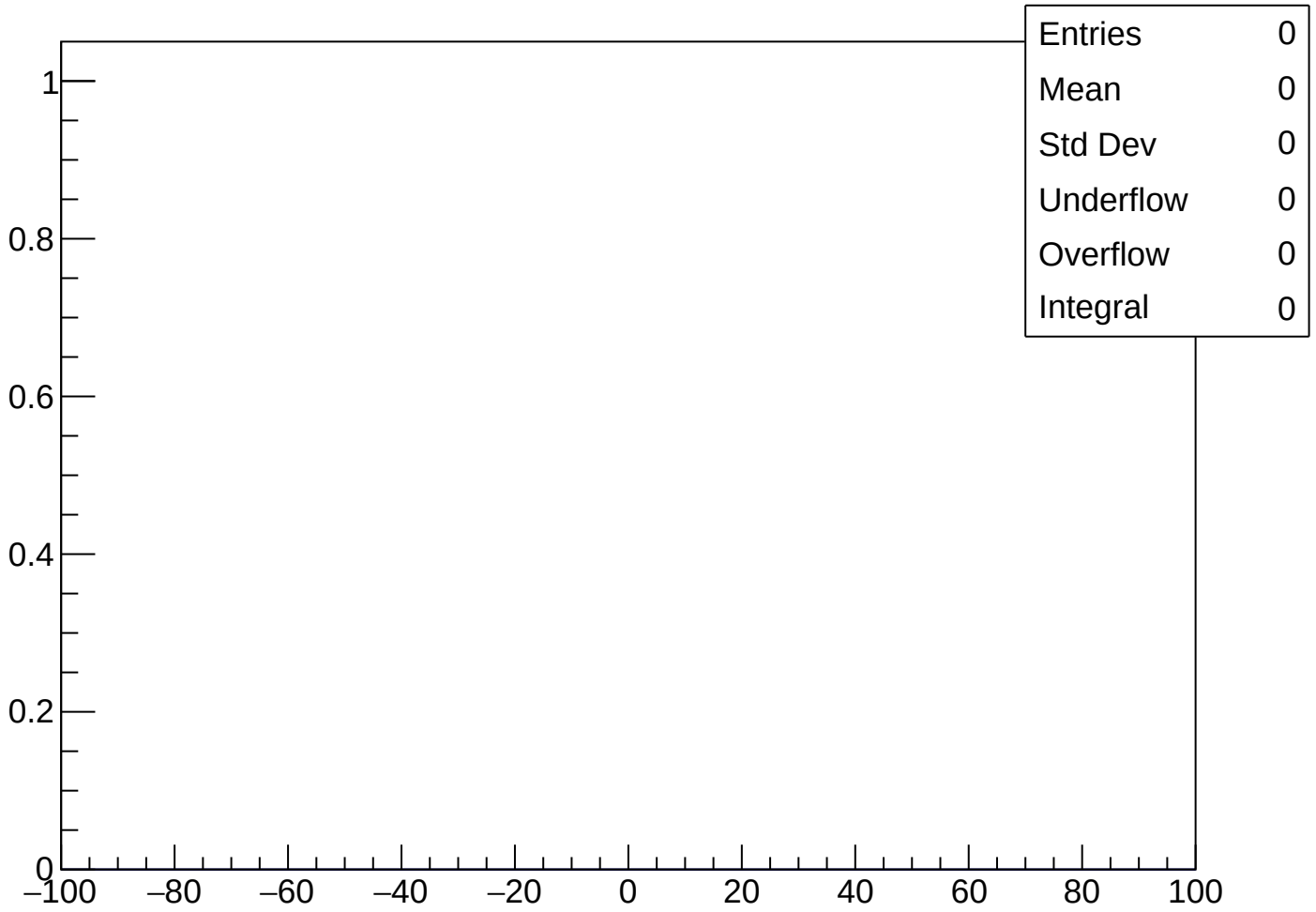
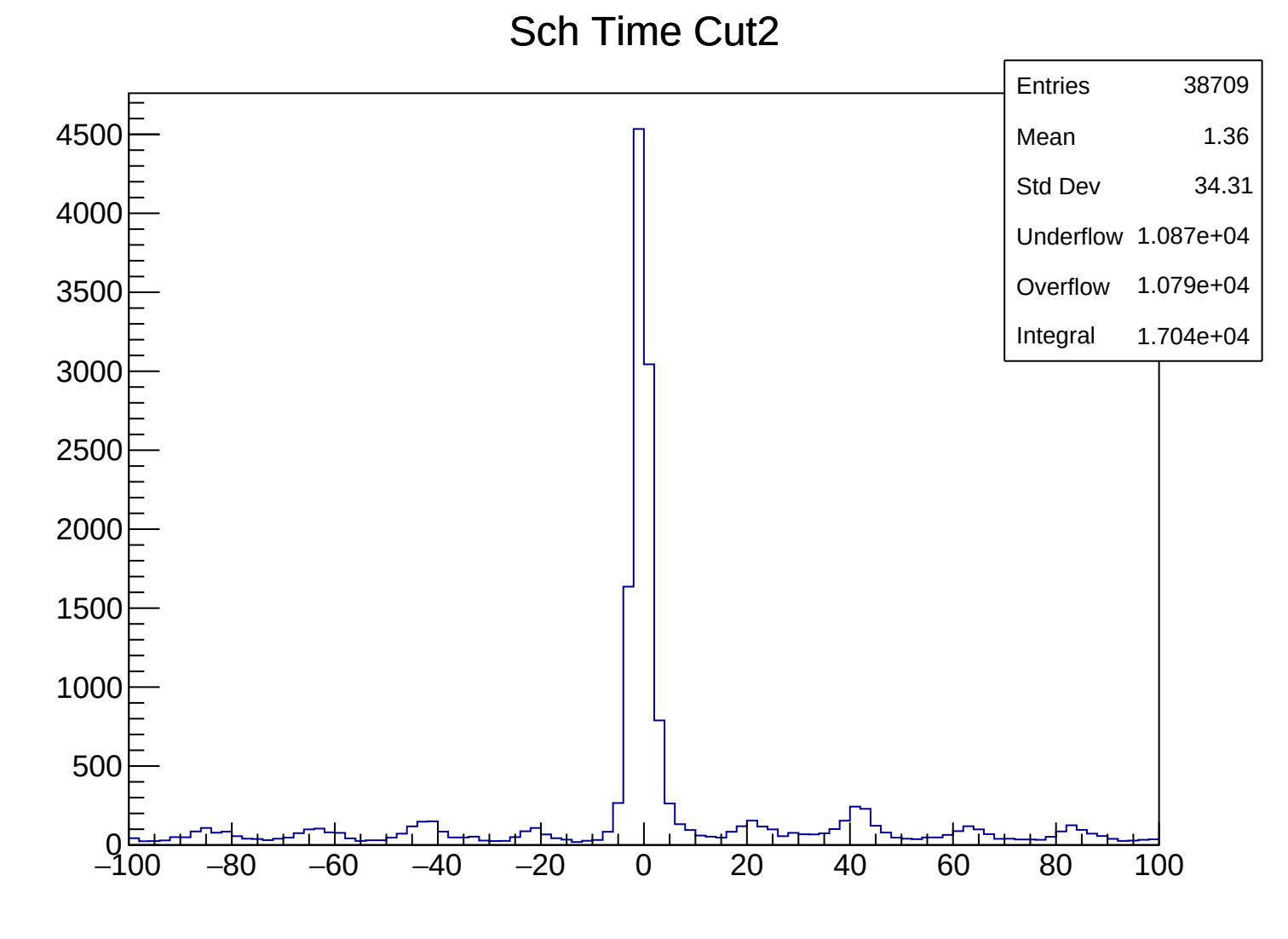
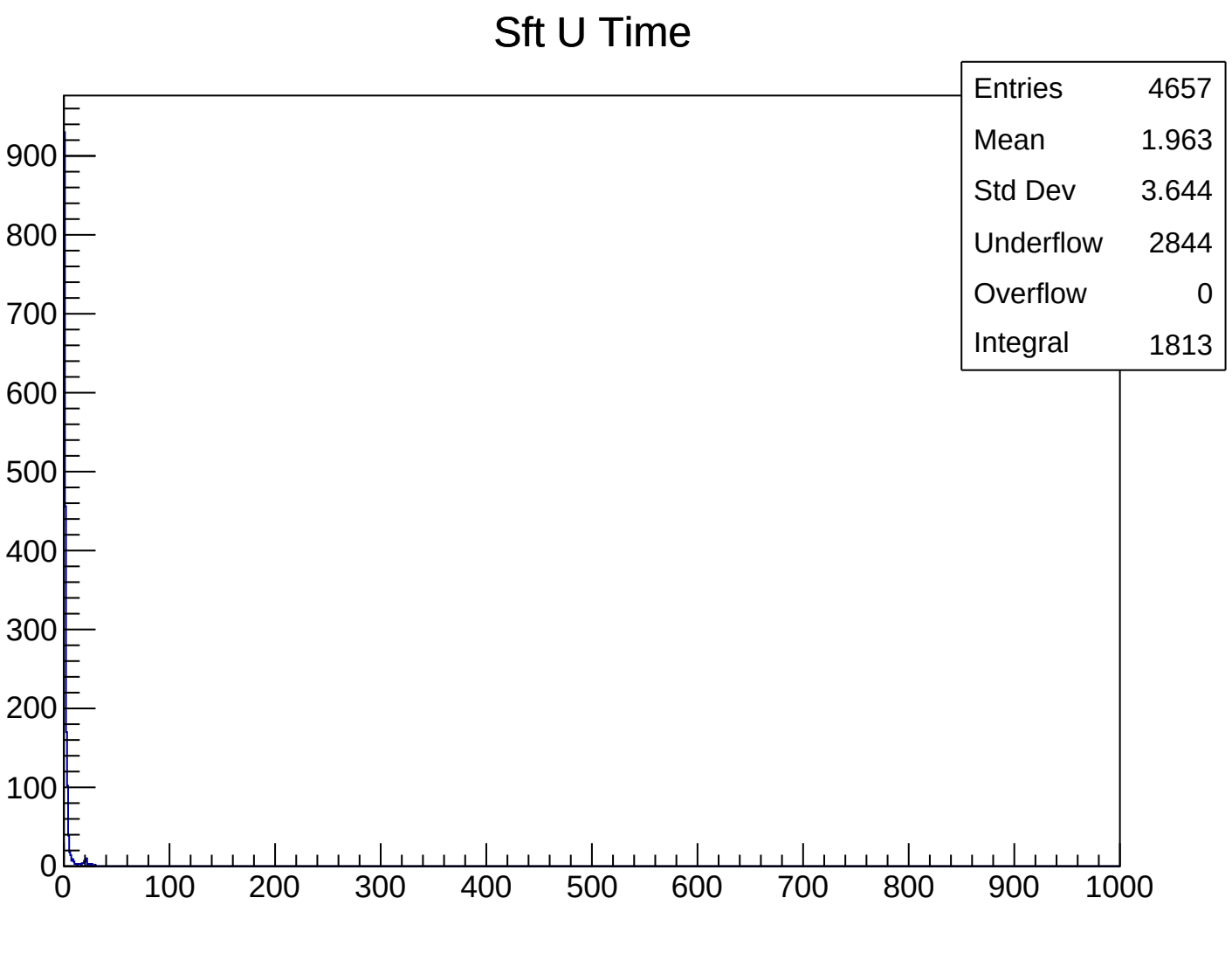
120
140
160
180
200
0
100
200
300
400
500
600
700
800
900
1000


Sch Time
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
–100
–80
–60
–40
–20
0
20
40
60
80
100


Sch Time Cut2
Entries 38709
Mean 1.36
Std Dev 34.31
Underflow 1.087e+04
Overflow 1.079e+04
Integral 1.704e+04
4500
4000
3500
3000
2500
2000
1500
1000
500
0
−100
−80
−60
−40
−20
0
20
40
60
80
100


Sft U Time
Entries 4657
Mean 1.963
Std Dev 3.644
Underflow 2844
Overflow 0
Integral 1813
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700
600
500
400
300
200
100
0
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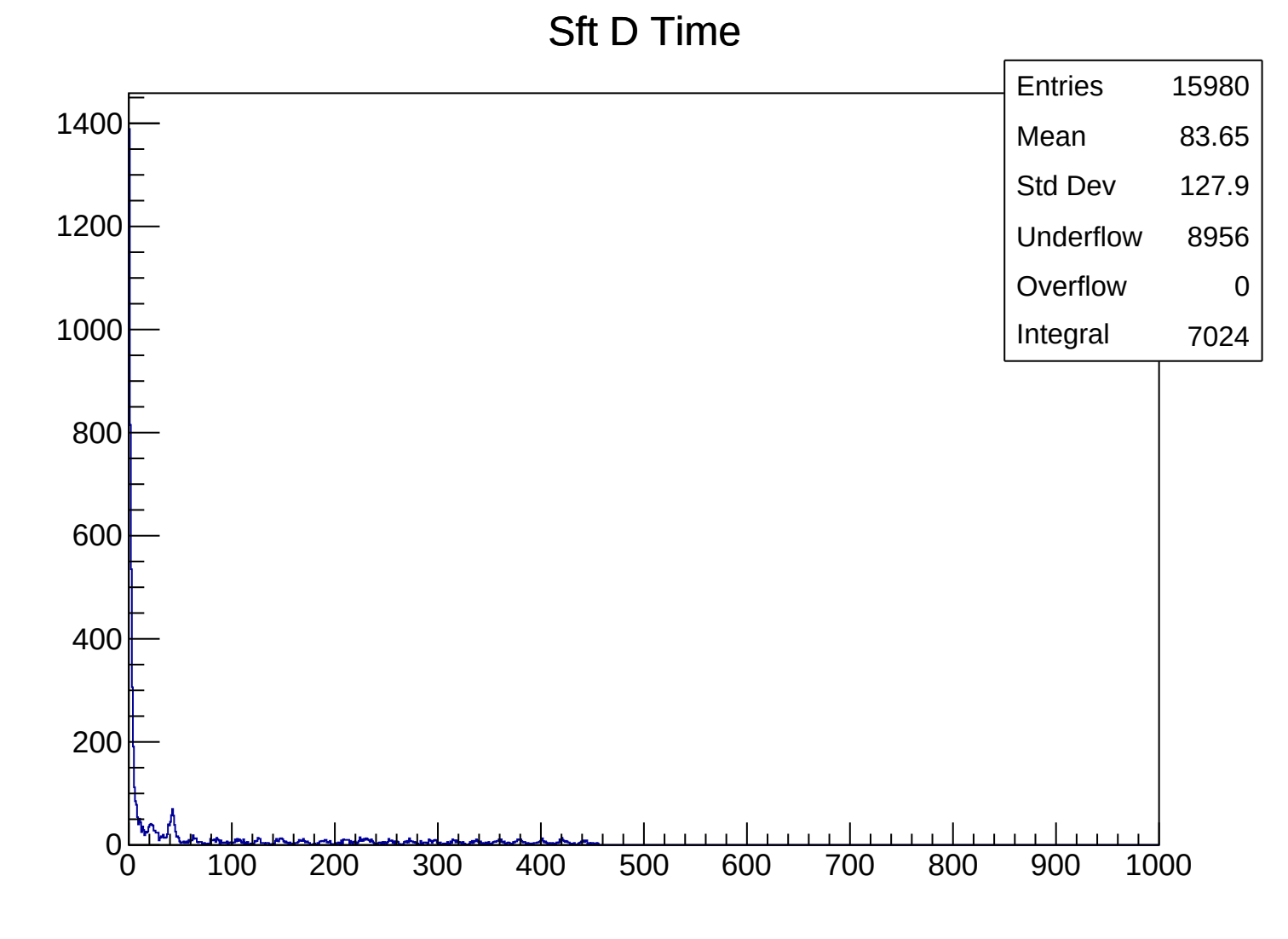
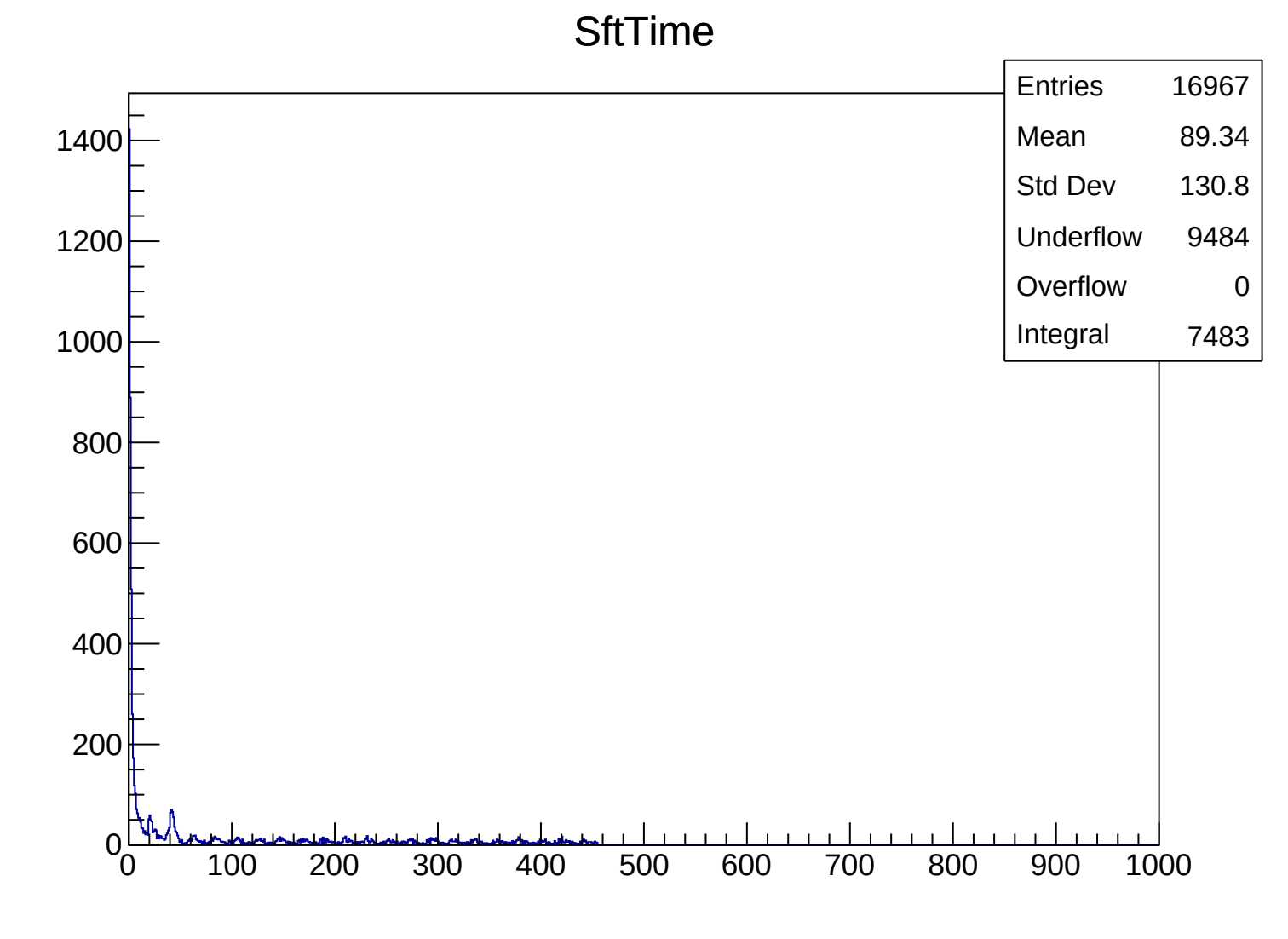
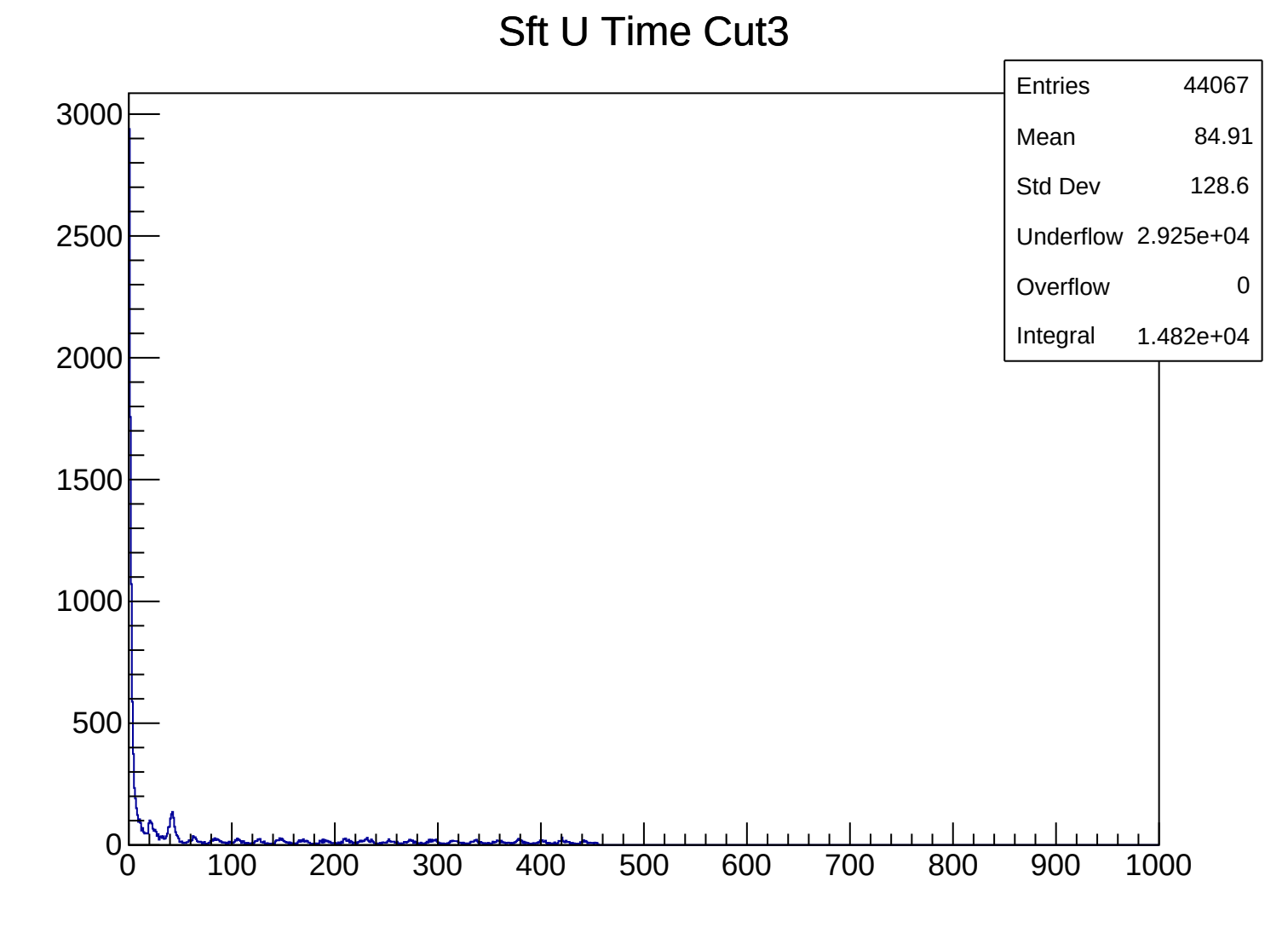
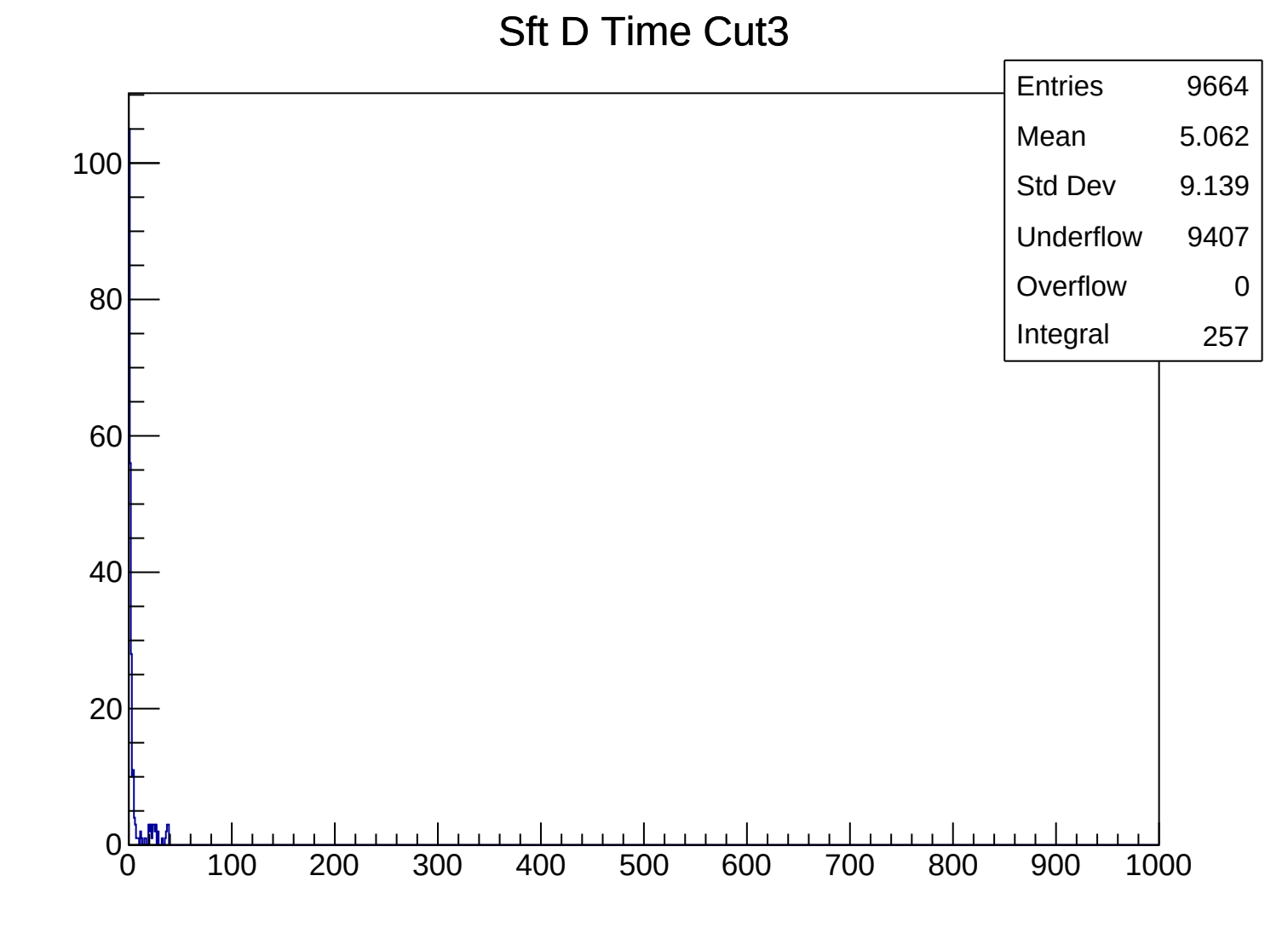
200
300
400
500
600
700
800
900
1000


Sft D Time
Entries 15980
Mean 83.65
Std Dev 127.9
Underflow 8956
Overflow 0
Integral 7024
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000


SftTime
Entries 16967
Mean 89.34
Std Dev 130.8
Underflow 9484
Overflow 0
Integral 7483
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000


Sft U Time Cut3
Entries 44067
Mean 84.91
Std Dev 128.6
Underflow 2.925e+04
Overflow 0
Integral 1.482e+04
3000
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000


Sft D Time Cut3
Entries 9664
Mean 5.062
Std Dev 9.139
Underflow 9407
Overflow 0
Integral 257
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60
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500
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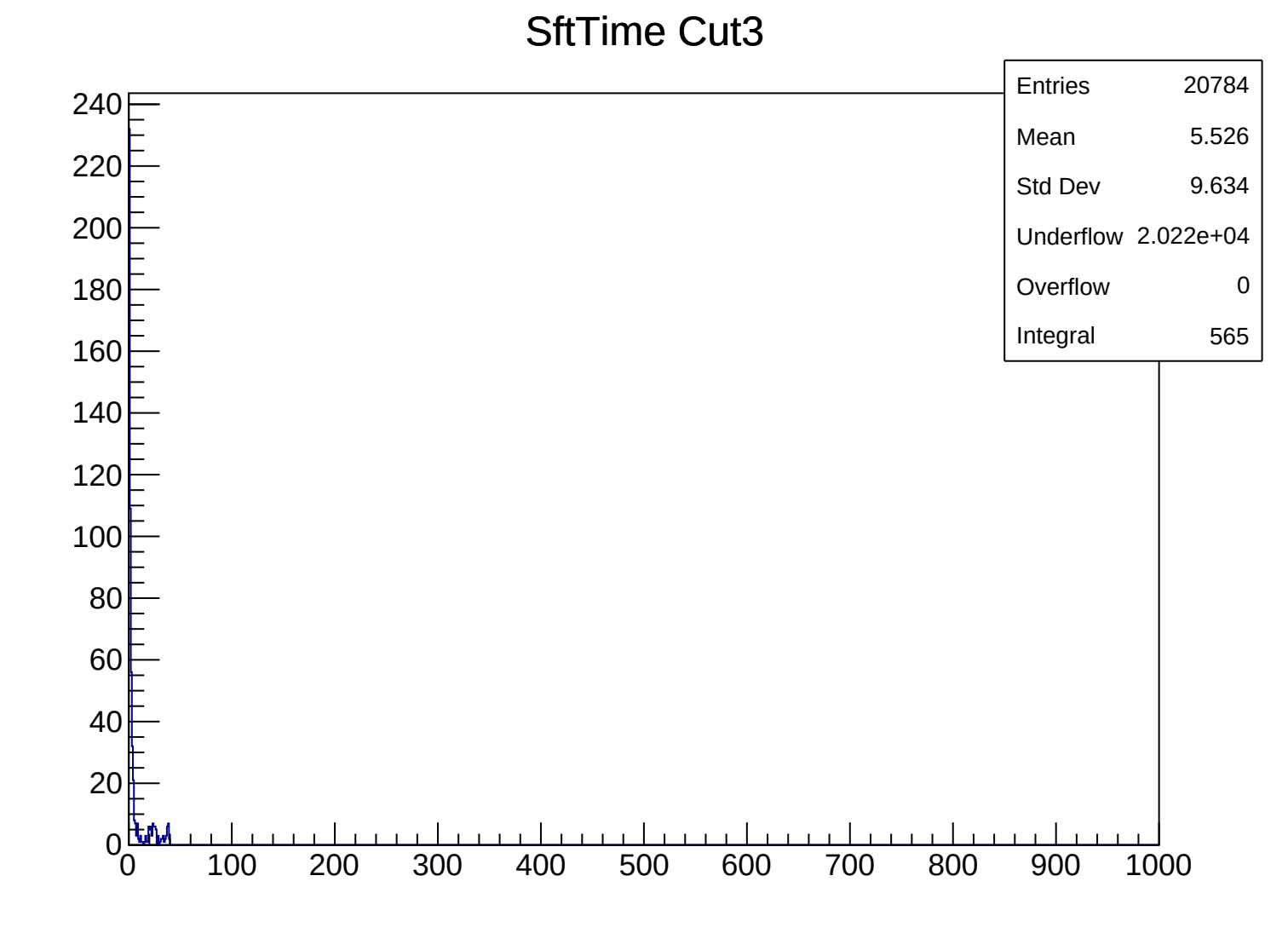
700
800
900
1000


SftTime Cut3
Entries 20784
Mean 5.526
Std Dev 9.634
Underflow 2.022e+04
Overflow 0
Integral 565
240
220
200
180
160
140
120
100
80
60
40
20
0
0
100
200
300
400
500
600
700
800
900
1000