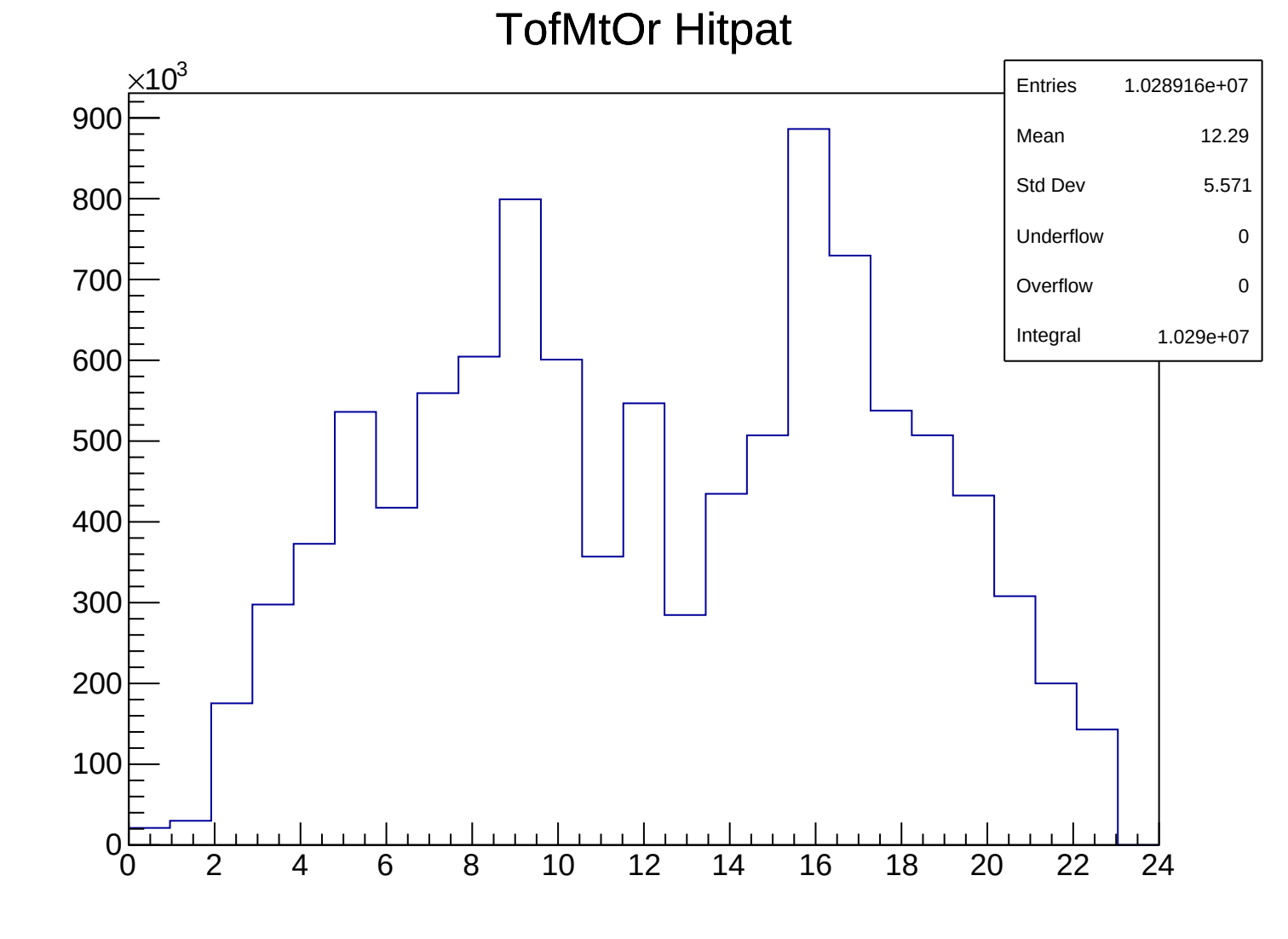
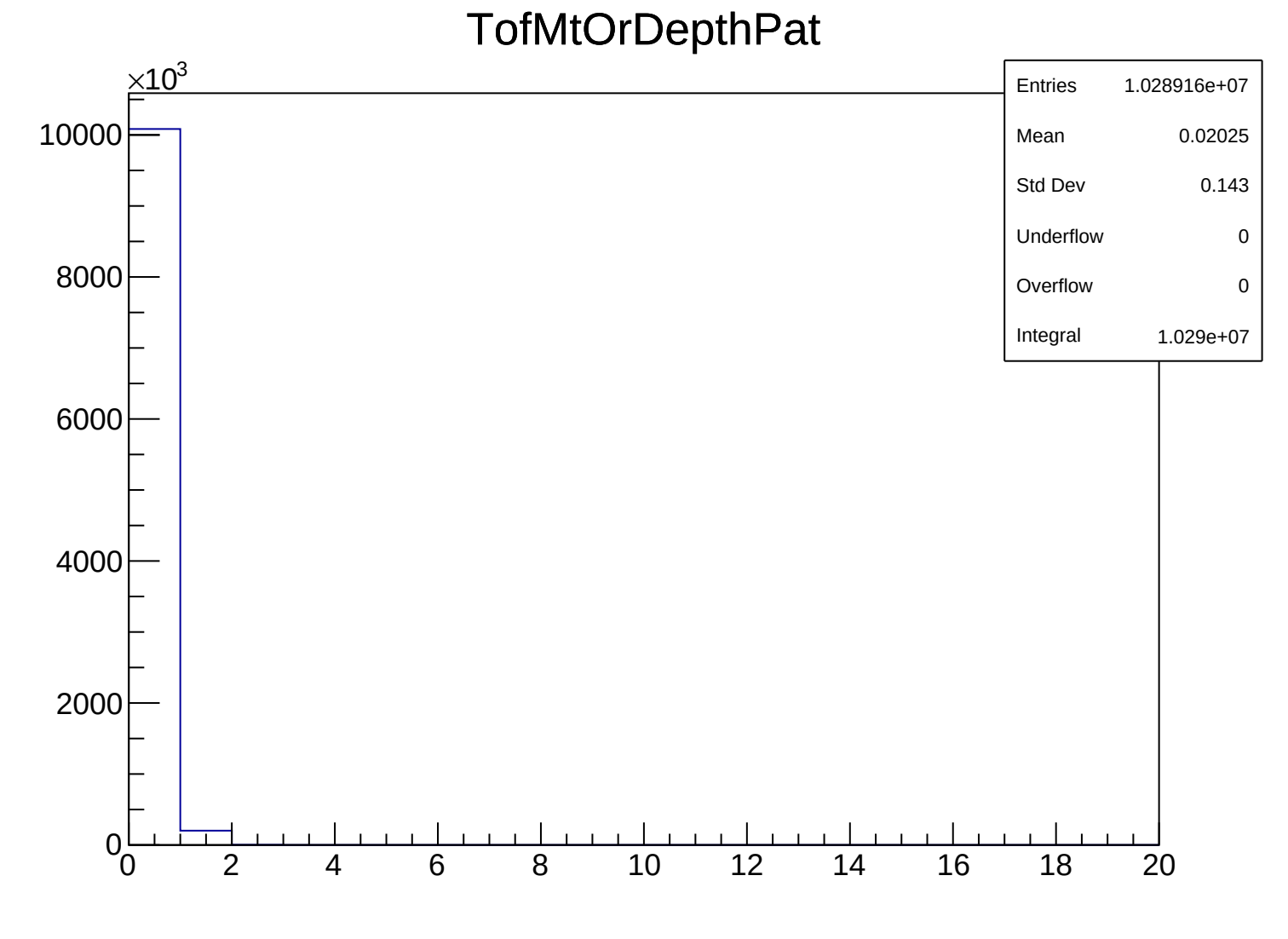
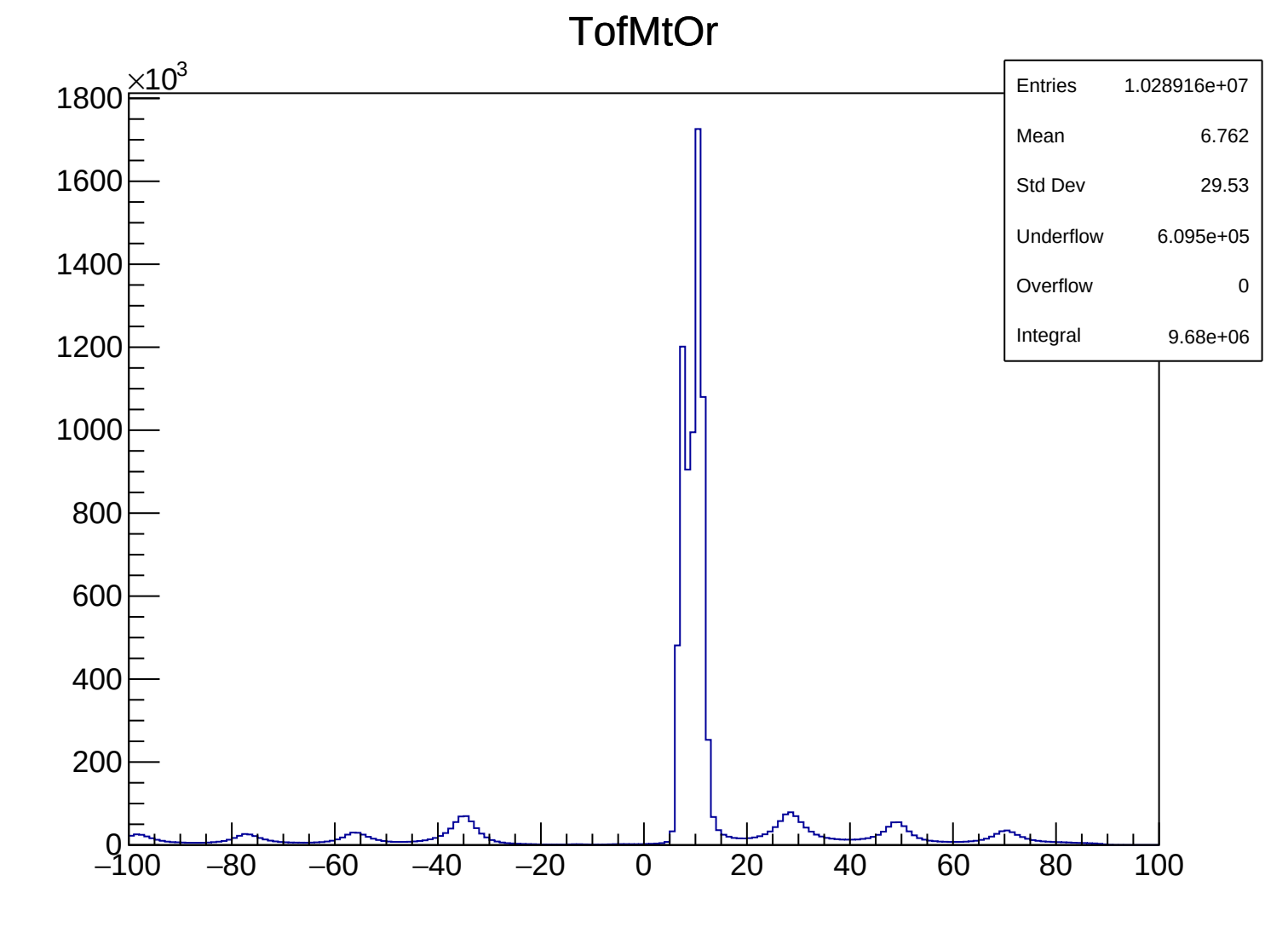
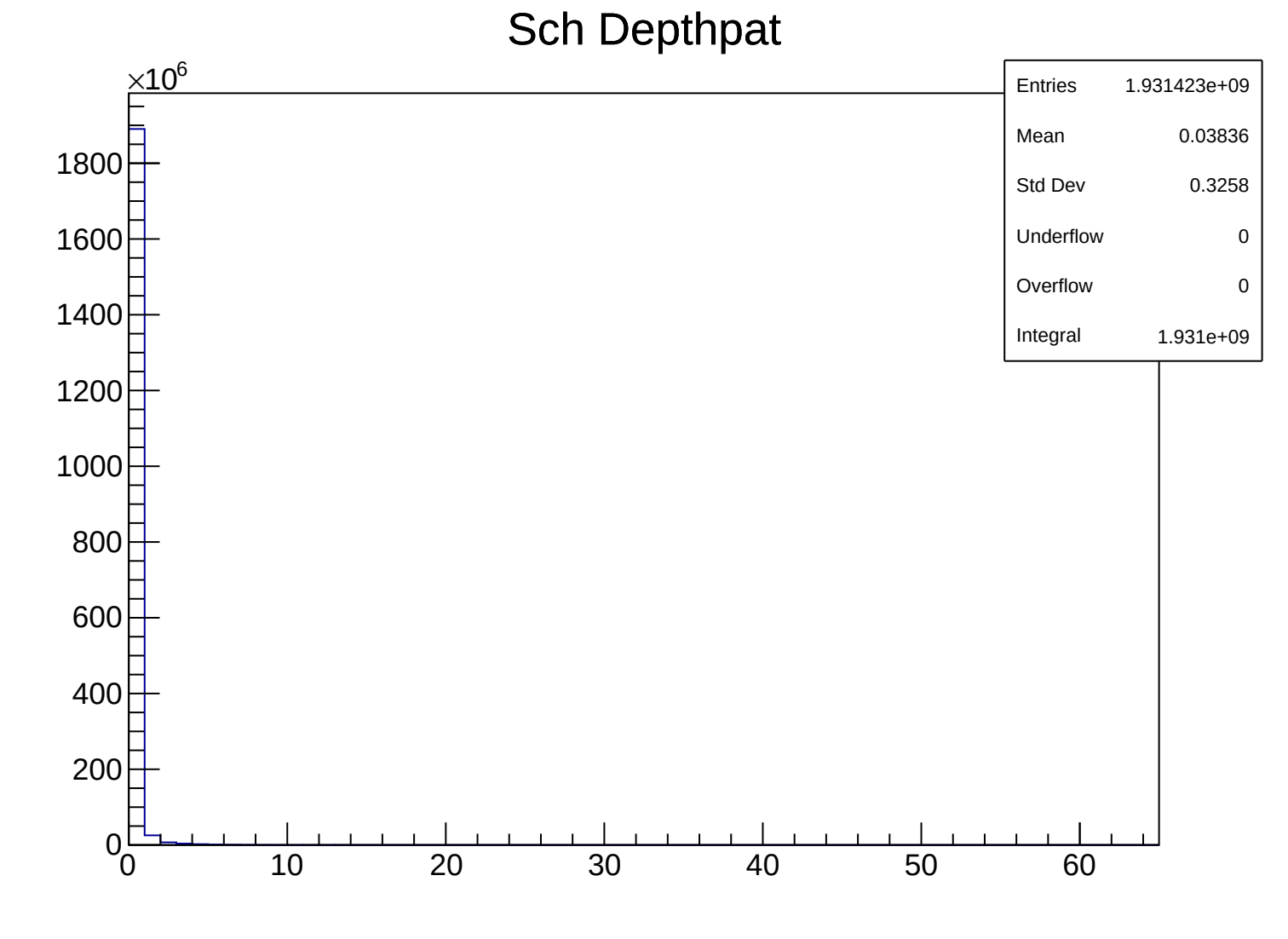
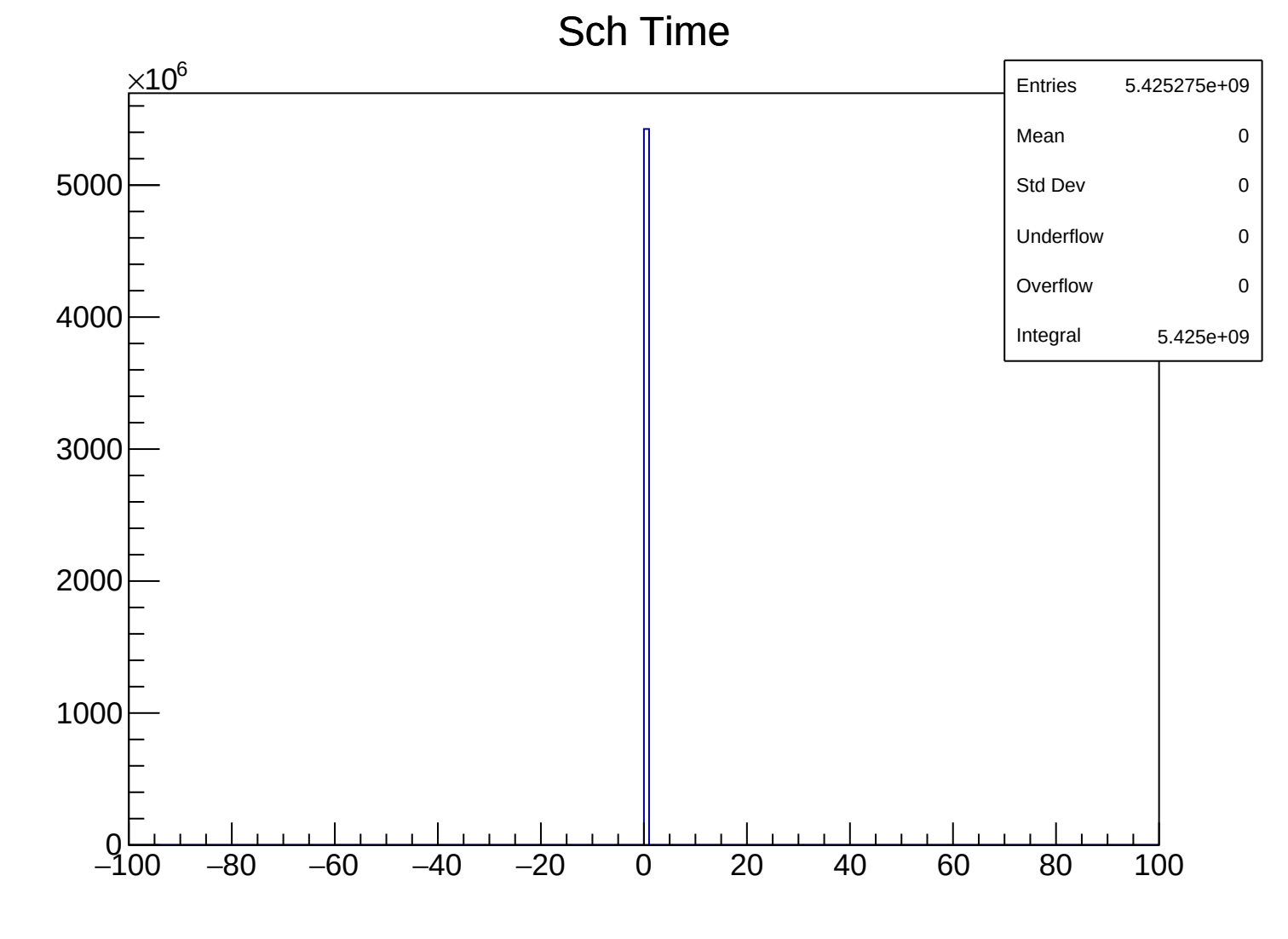
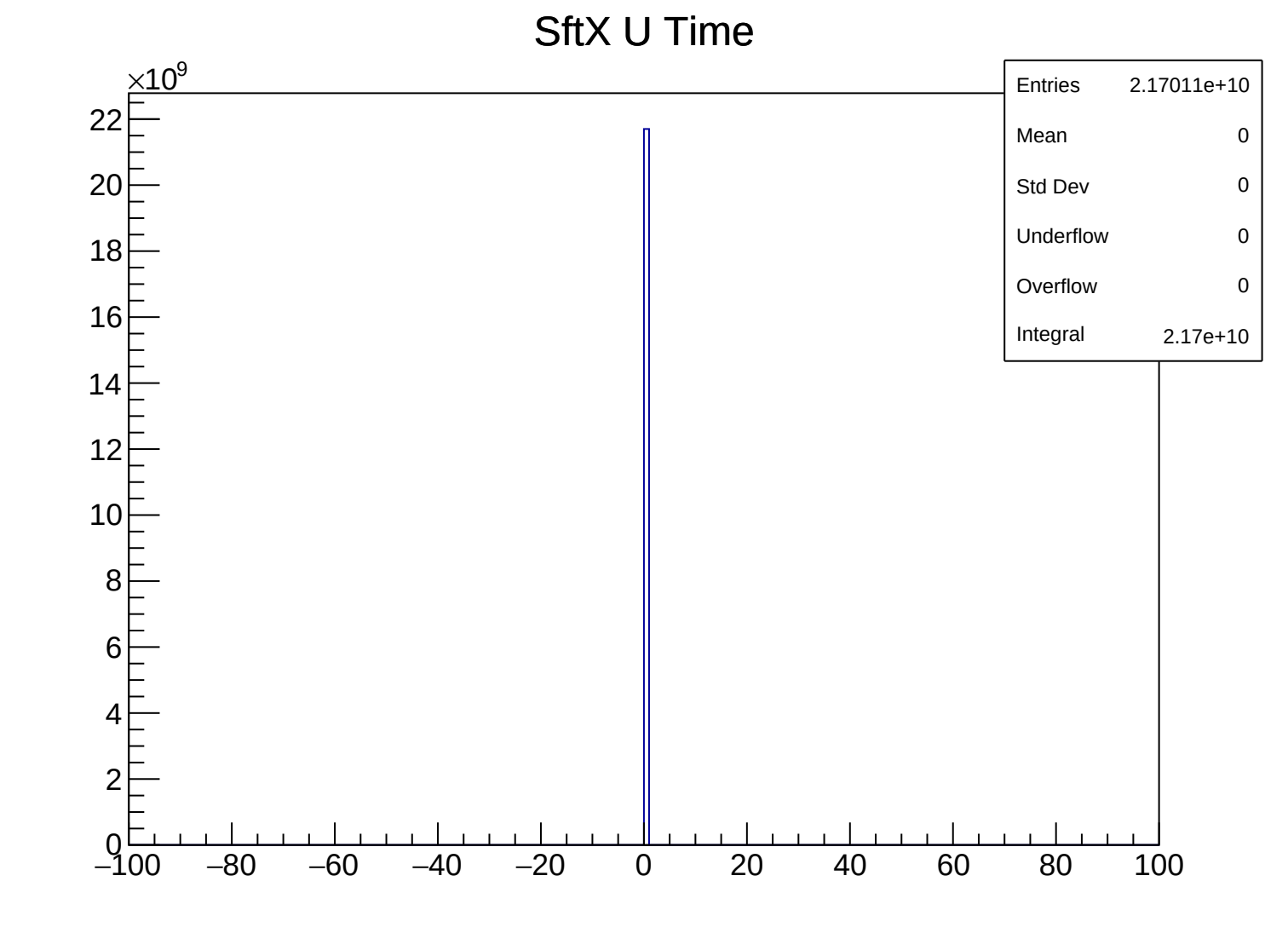

TofMtOr Hitpat
×10^3
900
800
700
600
500
400
300
200
100
0
0
2
4
6
8
10
12
14
16
18
20
22
24
Entries 1.028916e+07
Mean 12.29
Std Dev 5.571
Underflow 0
Overflow 0
Integral 1.029e+07

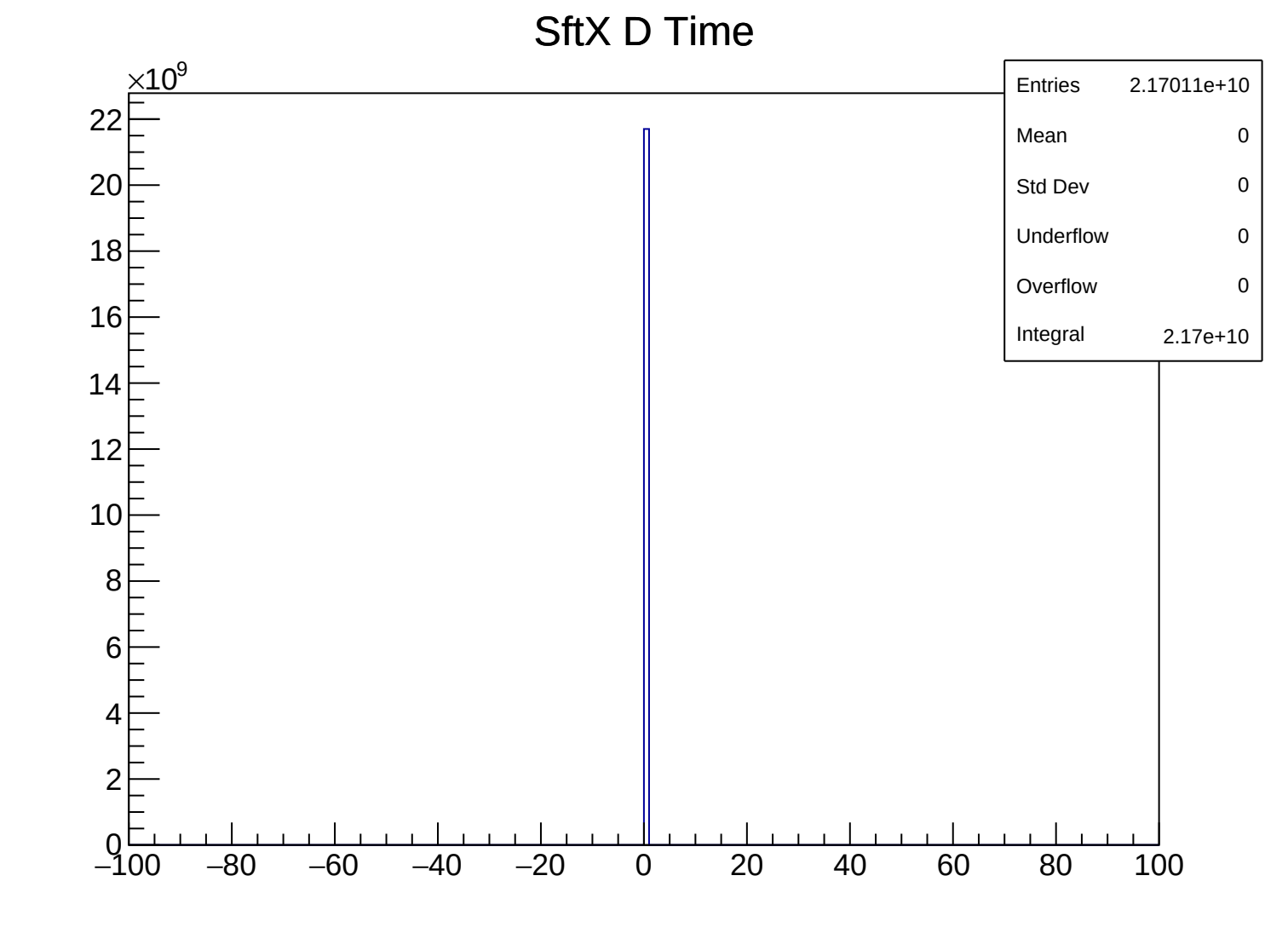

TofMtOrDepthPat
×10^3
10000
8000
6000
4000
2000
0
0
2
4
6
8
10
12
14
16
18
20
Entries 1.028916e+07
Mean 0.02025
Std Dev 0.143
Underflow 0
Overflow 0
Integral 1.029e+07

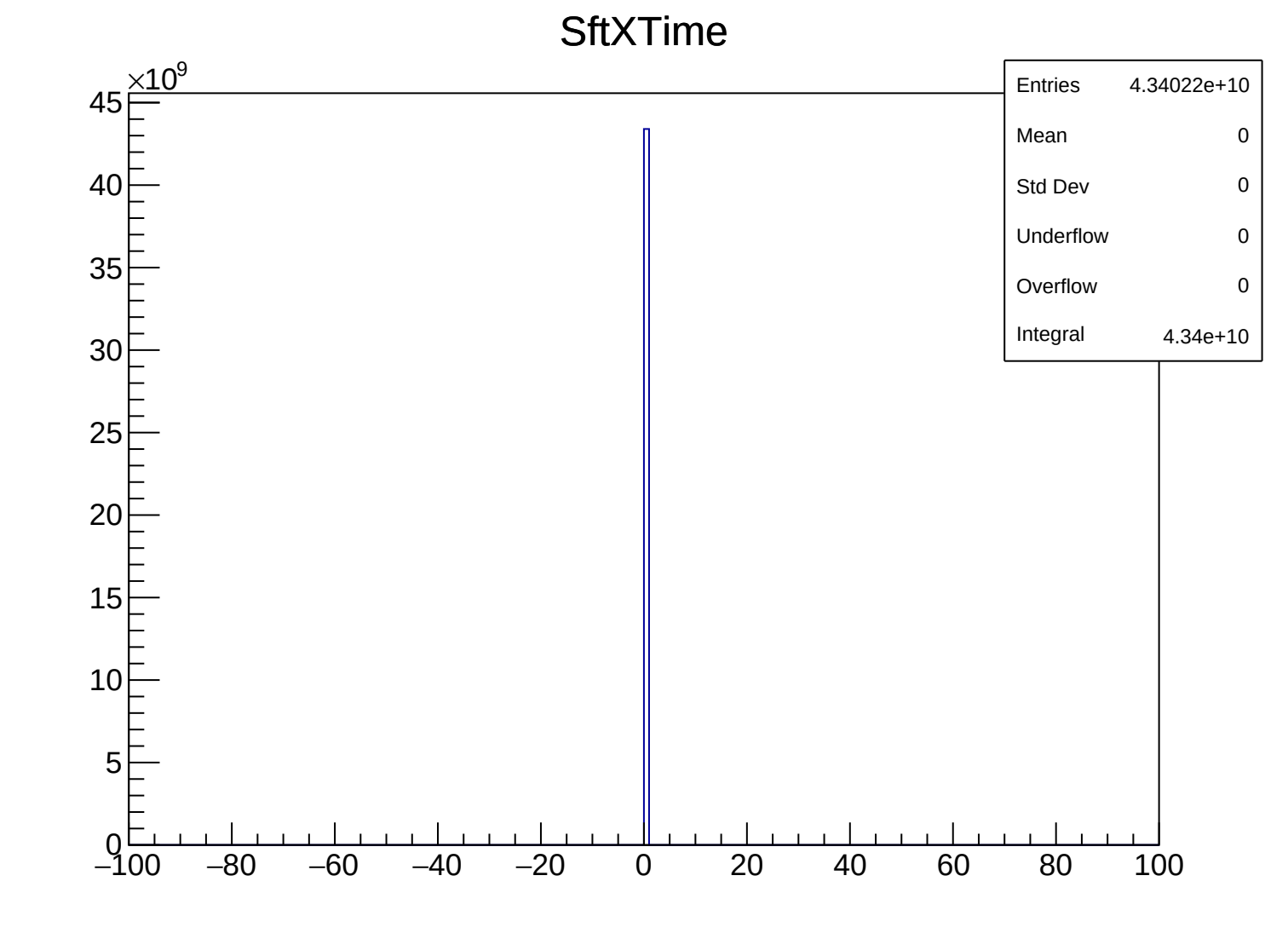

TofMtOr
×10^3
1800
1600
1400
1200
1000
800
600
400
200
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 1.028916e+07
Mean 6.762
Std Dev 29.53
Underflow 6.095e+05
Overflow 0
Integral 9.68e+06

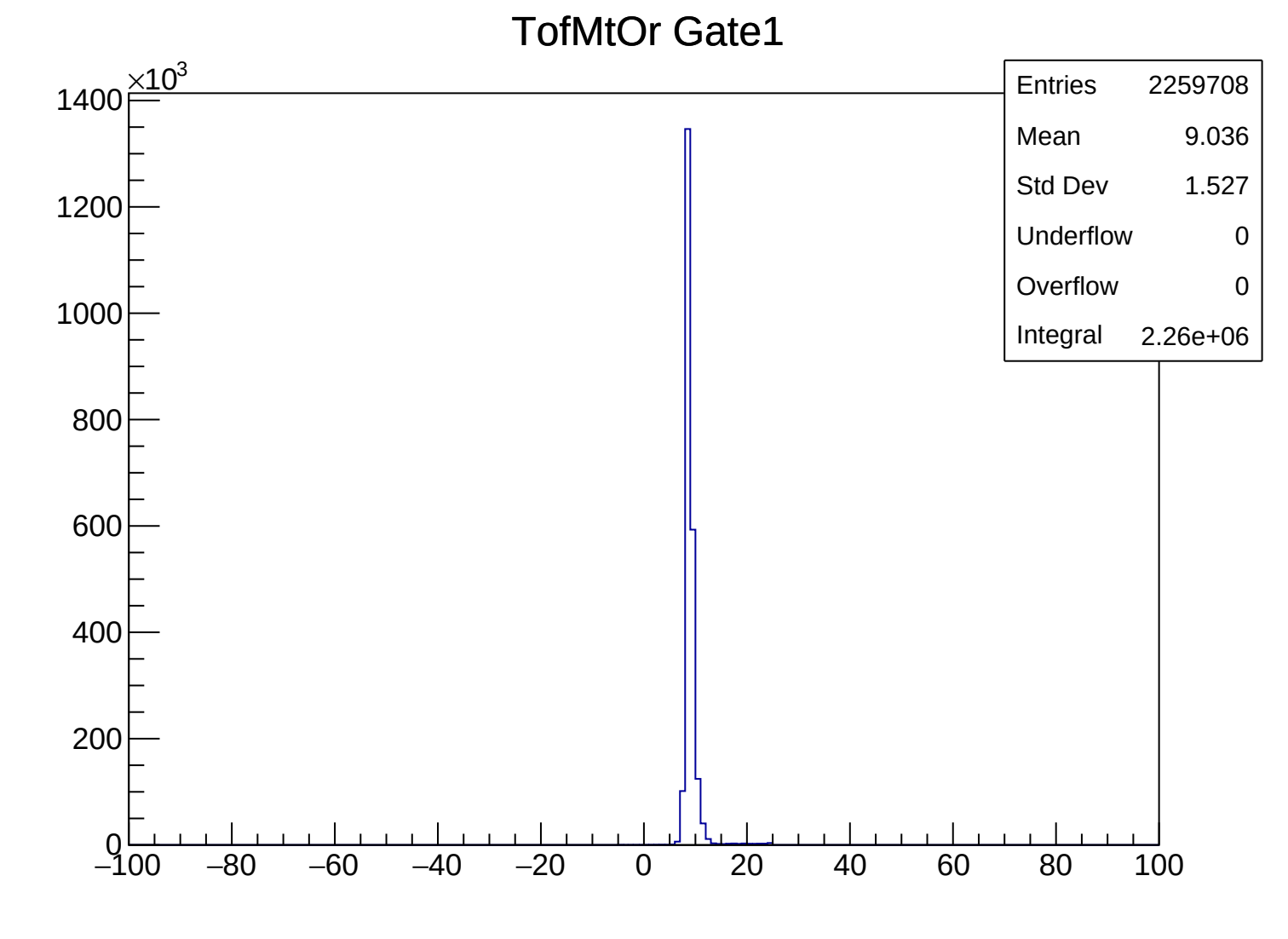

Sch Depthpat
×10^6
1800
1600
1400
1200
1000
800
600
400
200
0
0
10
20
30
40
50
60
Entries 1.931423e+09
Mean 0.03836
Std Dev 0.3258
Underflow 0
Overflow 0
Integral 1.931e+09

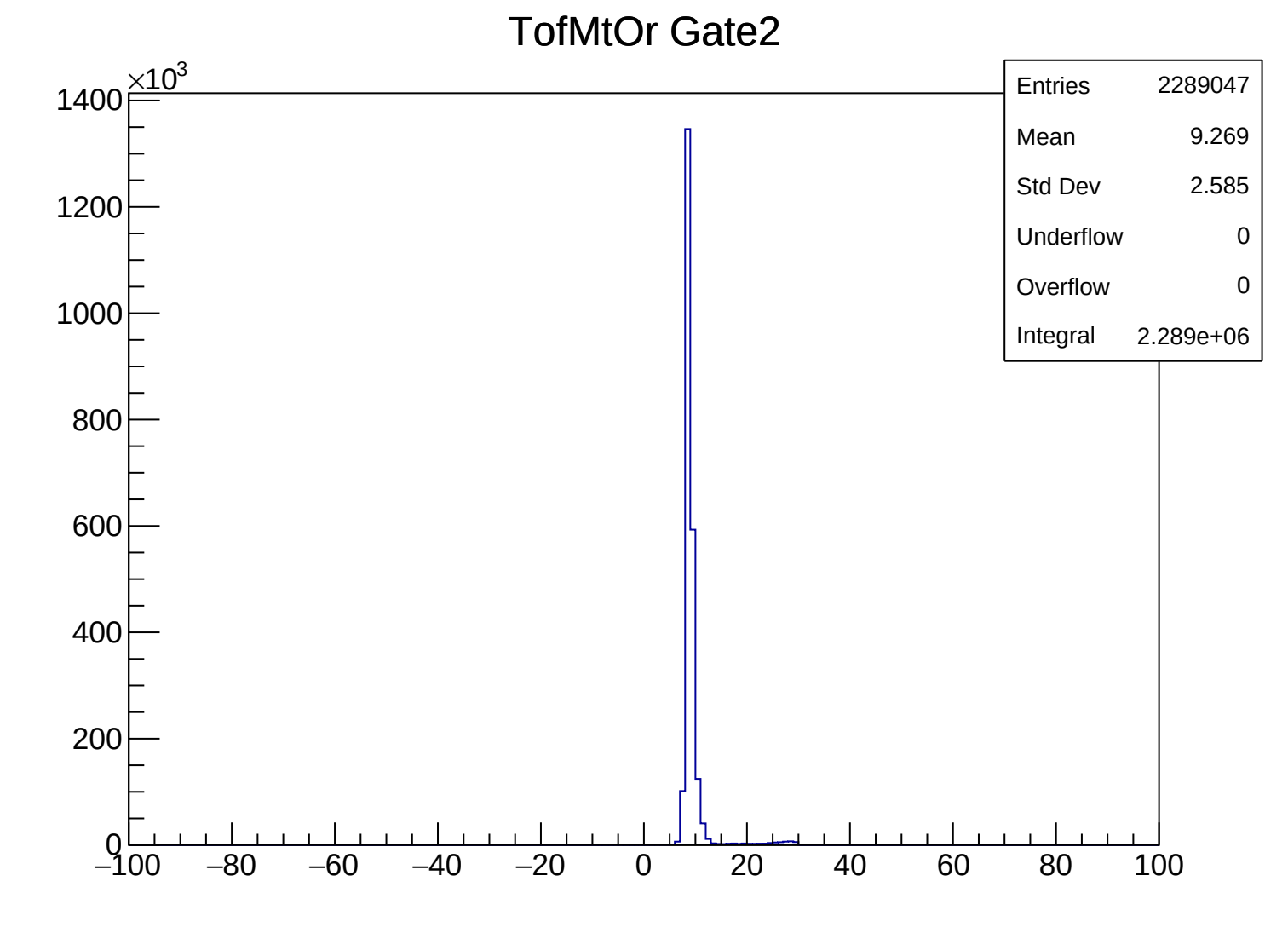

Sch Time
×10^6
5000
4000
3000
2000
1000
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 5.425275e+09
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 5.425e+09

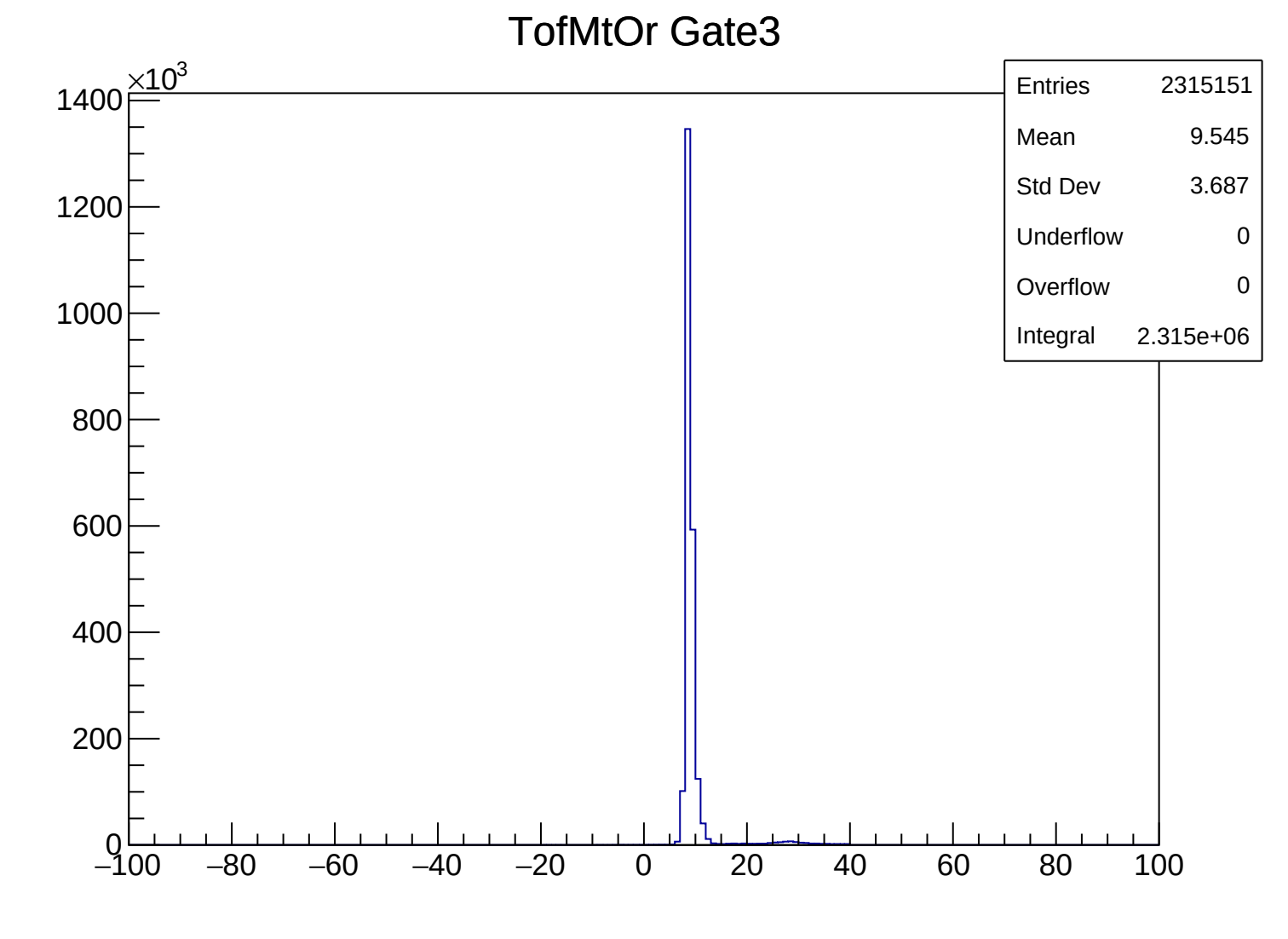

SftX U Time
×10^9
22
20
18
16
14
12
10
8
6
4
2
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 2.17011e+10
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 2.17e+10

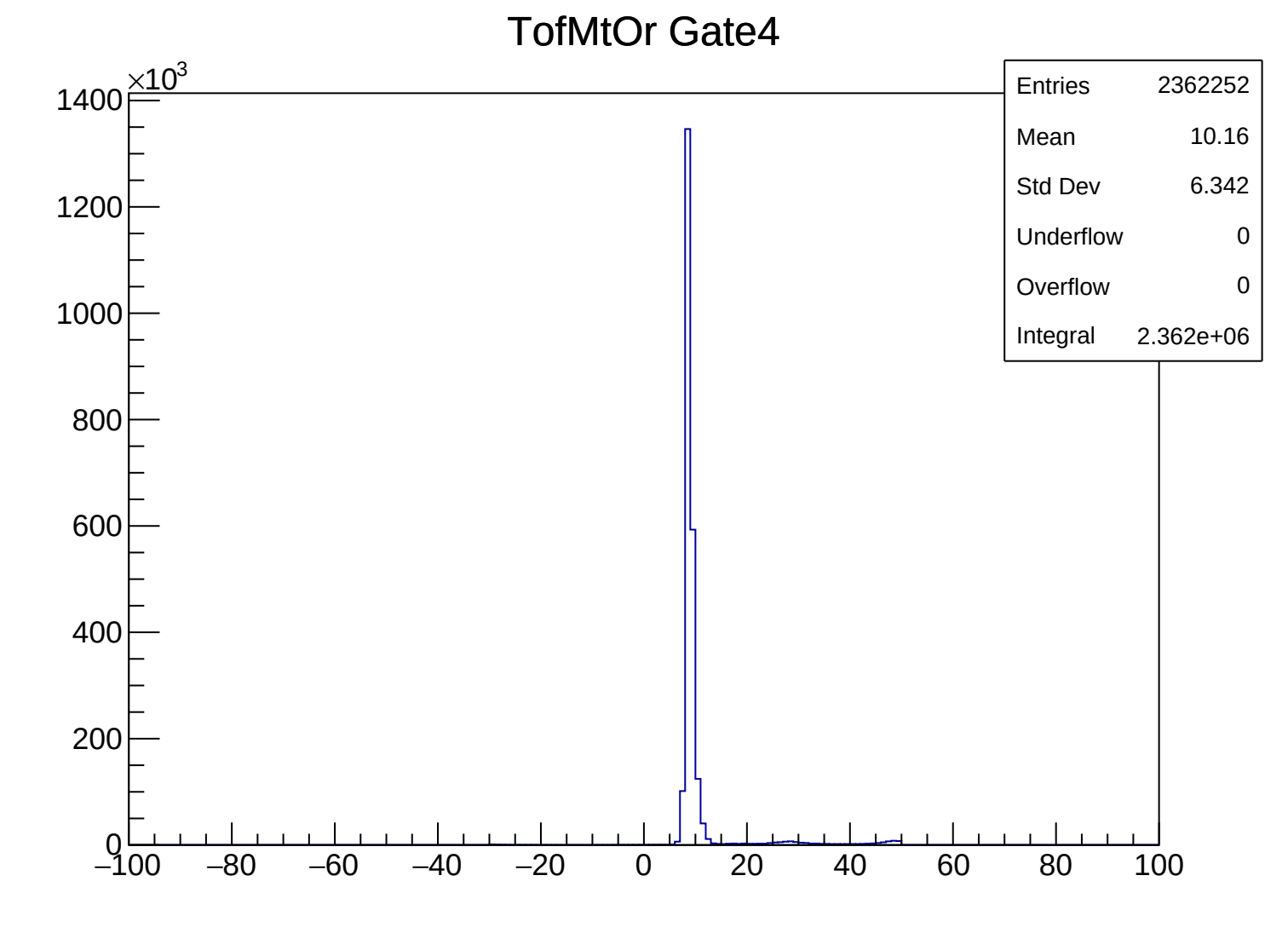

SftX D Time
×10^9
22
20
18
16
14
12
10
8
6
4
2
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 2.17011e+10
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 2.17e+10

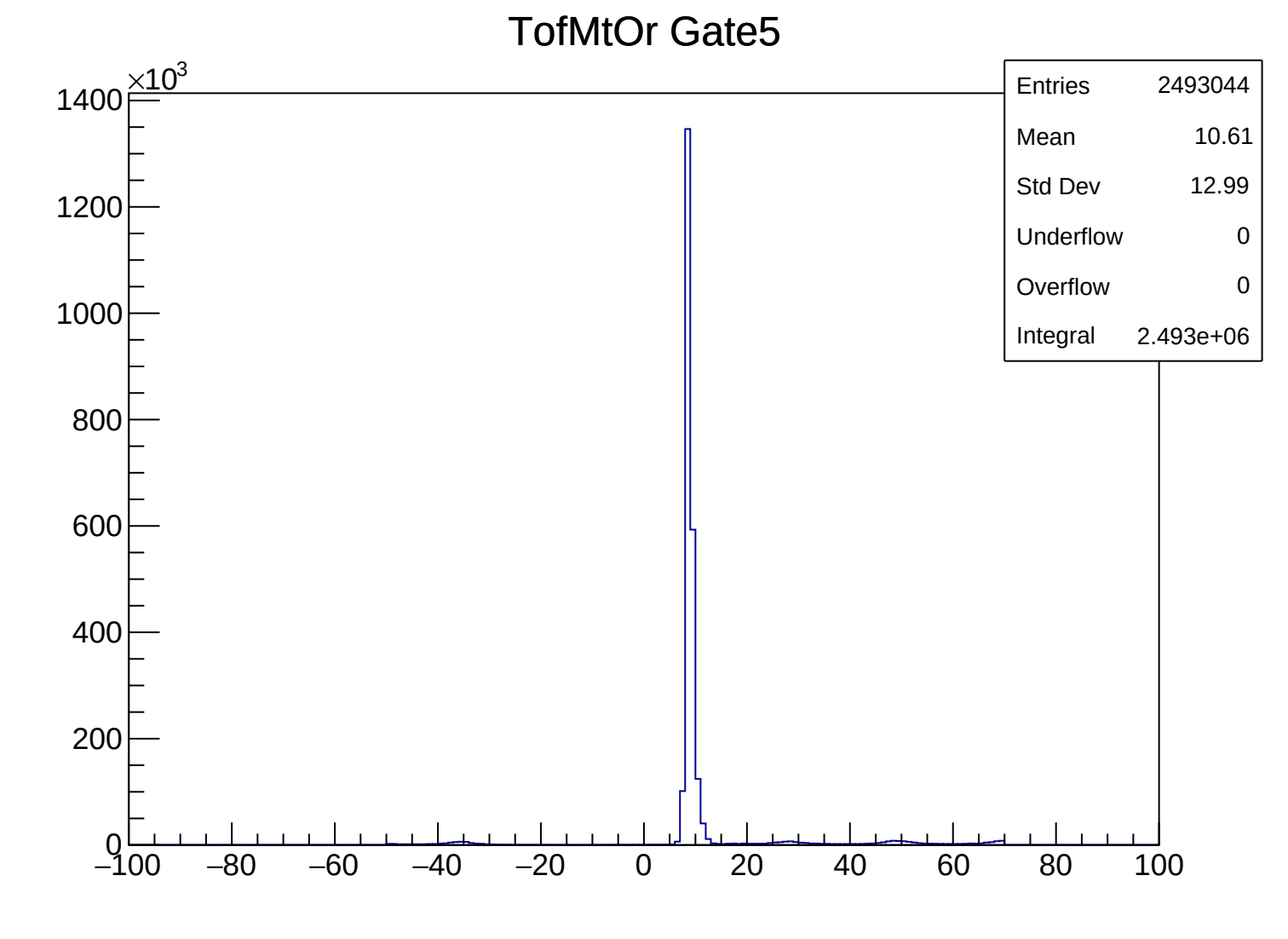

SftXTime
×10^9
45
40
35
30
25
20
15
10
5
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 4.34022e+10
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 4.34e+10

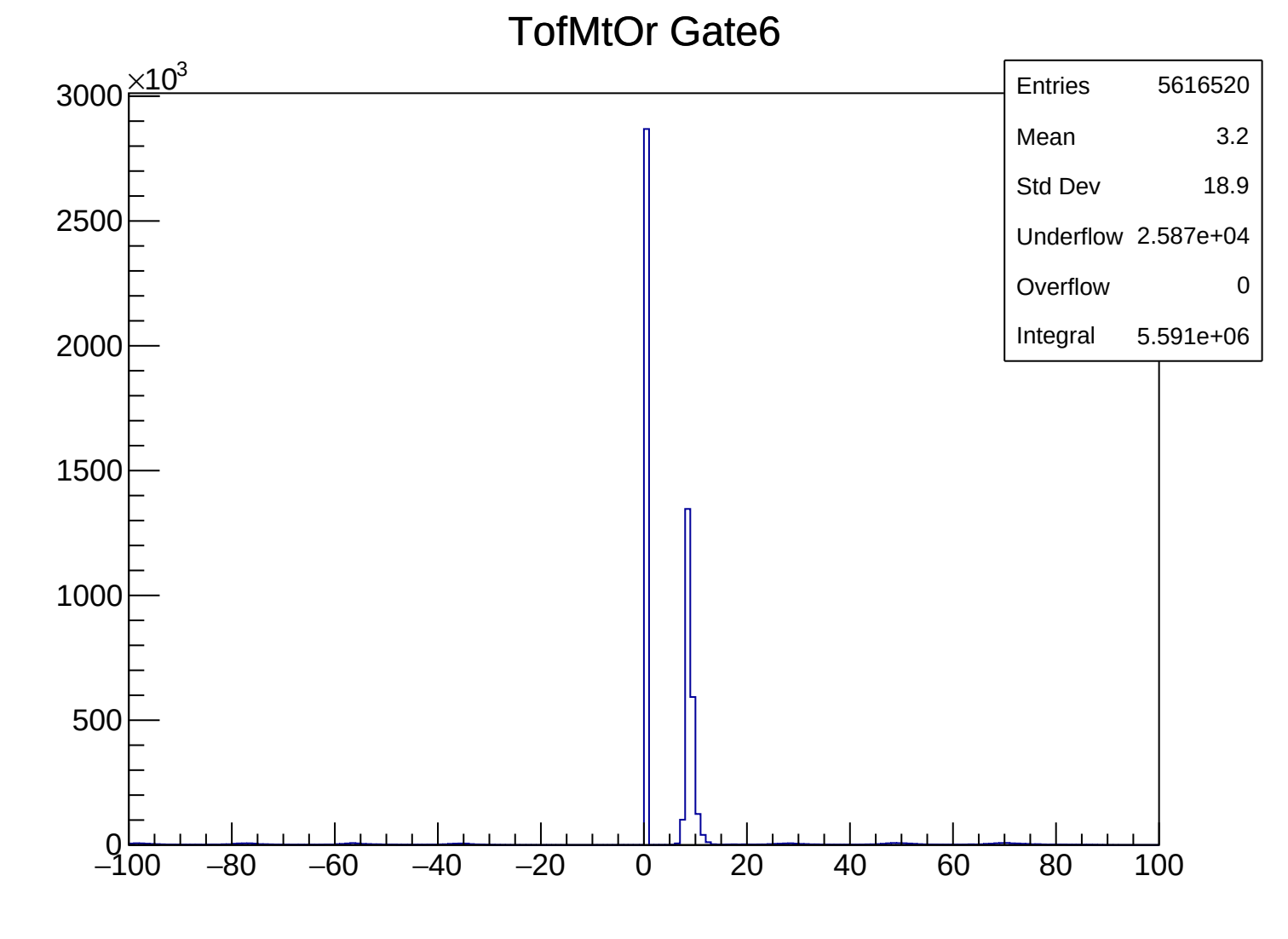

TofMtOr Gate1
×10^3
1400
1200
1000
800
600
400
200
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 2259708
Mean 9.036
Std Dev 1.527
Underflow 0
Overflow 0
Integral 2.26e+06

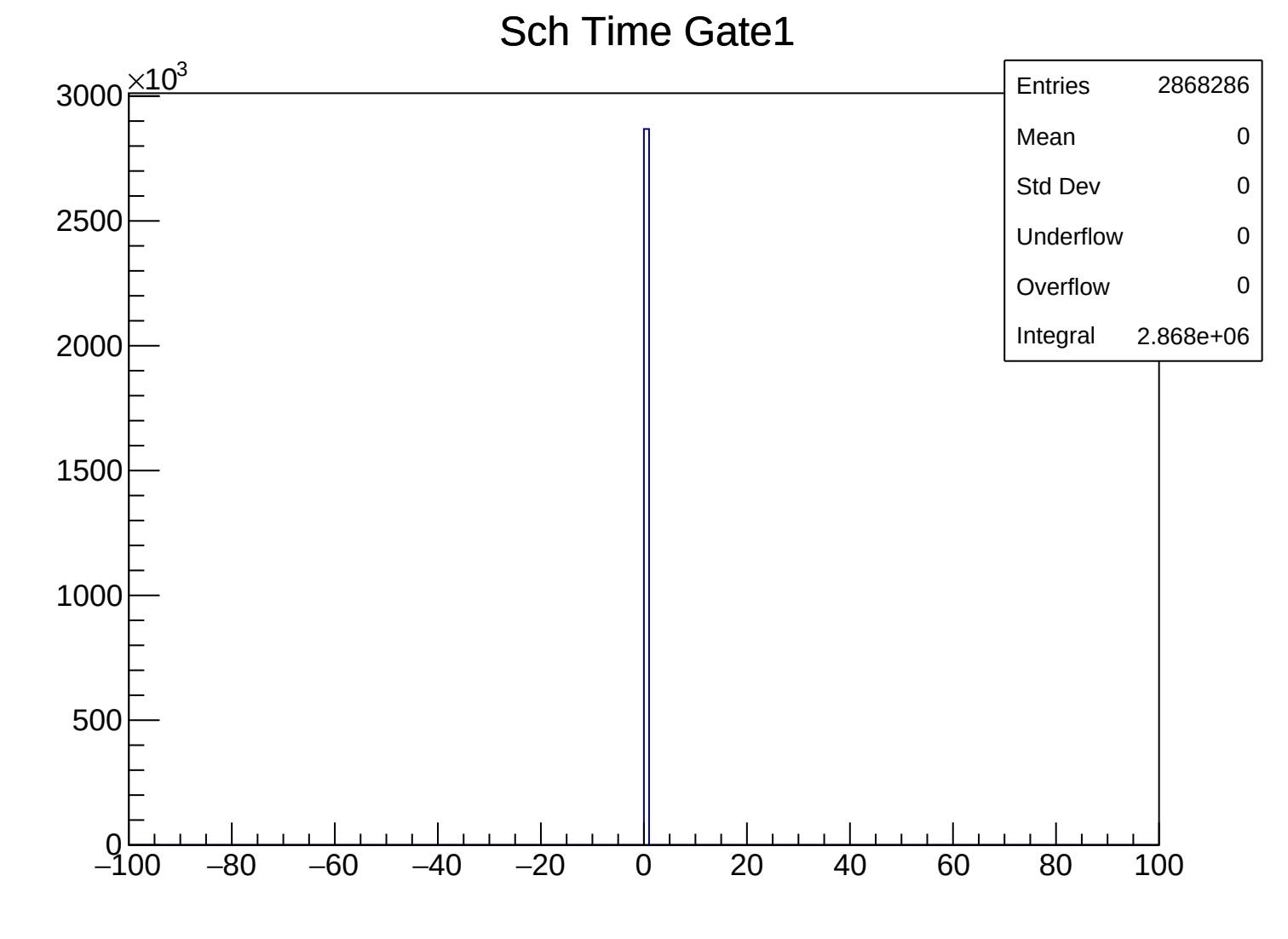

TofMtOr Gate2
×10^3
1400
1200
1000
800
600
400
200
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 2289047
Mean 9.269
Std Dev 2.585
Underflow 0
Overflow 0
Integral 2.289e+06

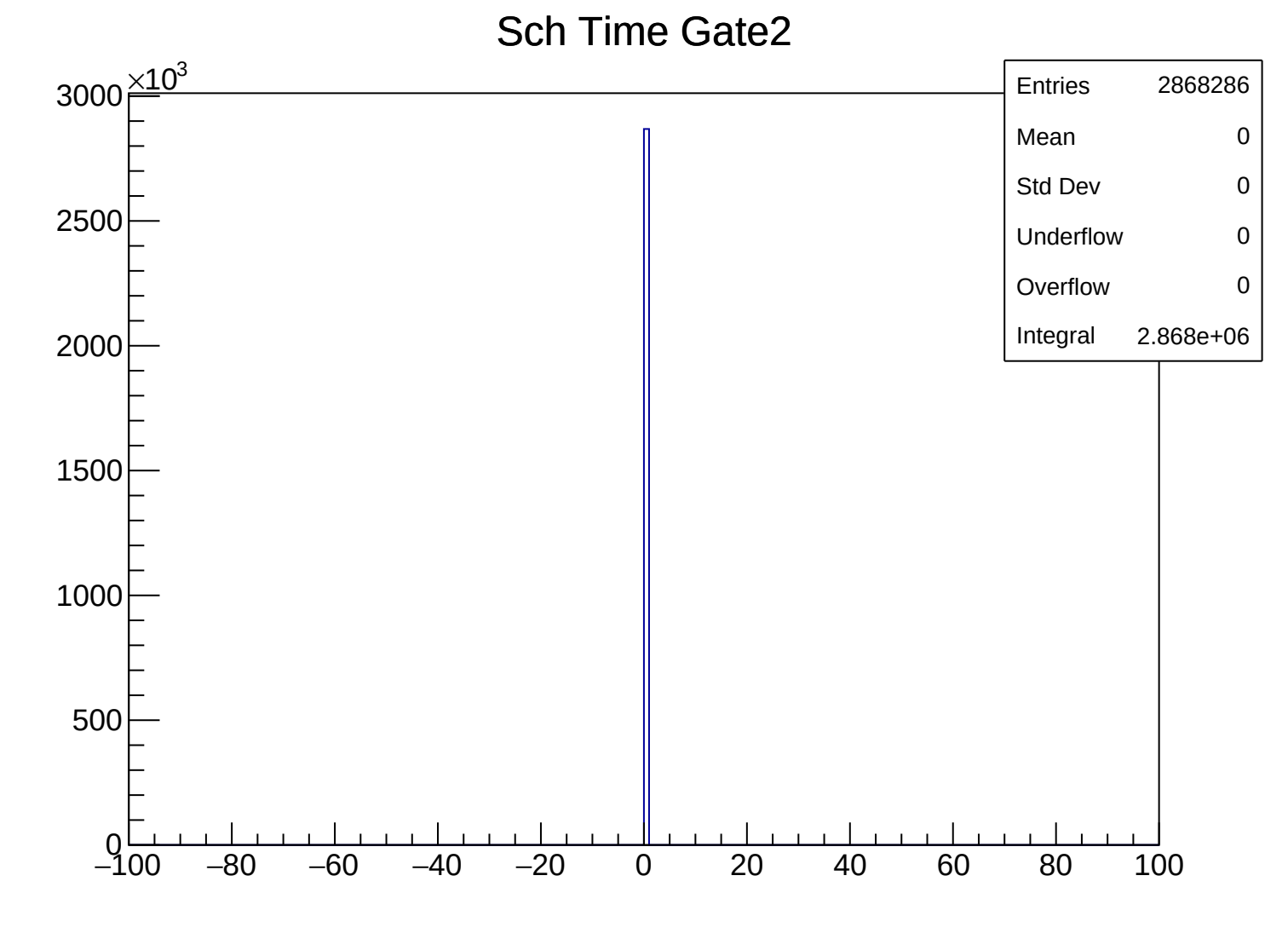

TofMtOr Gate3
×10^3
1400
1200
1000
800
600
400
200
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 2315151
Mean 9.545
Std Dev 3.687
Underflow 0
Overflow 0
Integral 2.315e+06

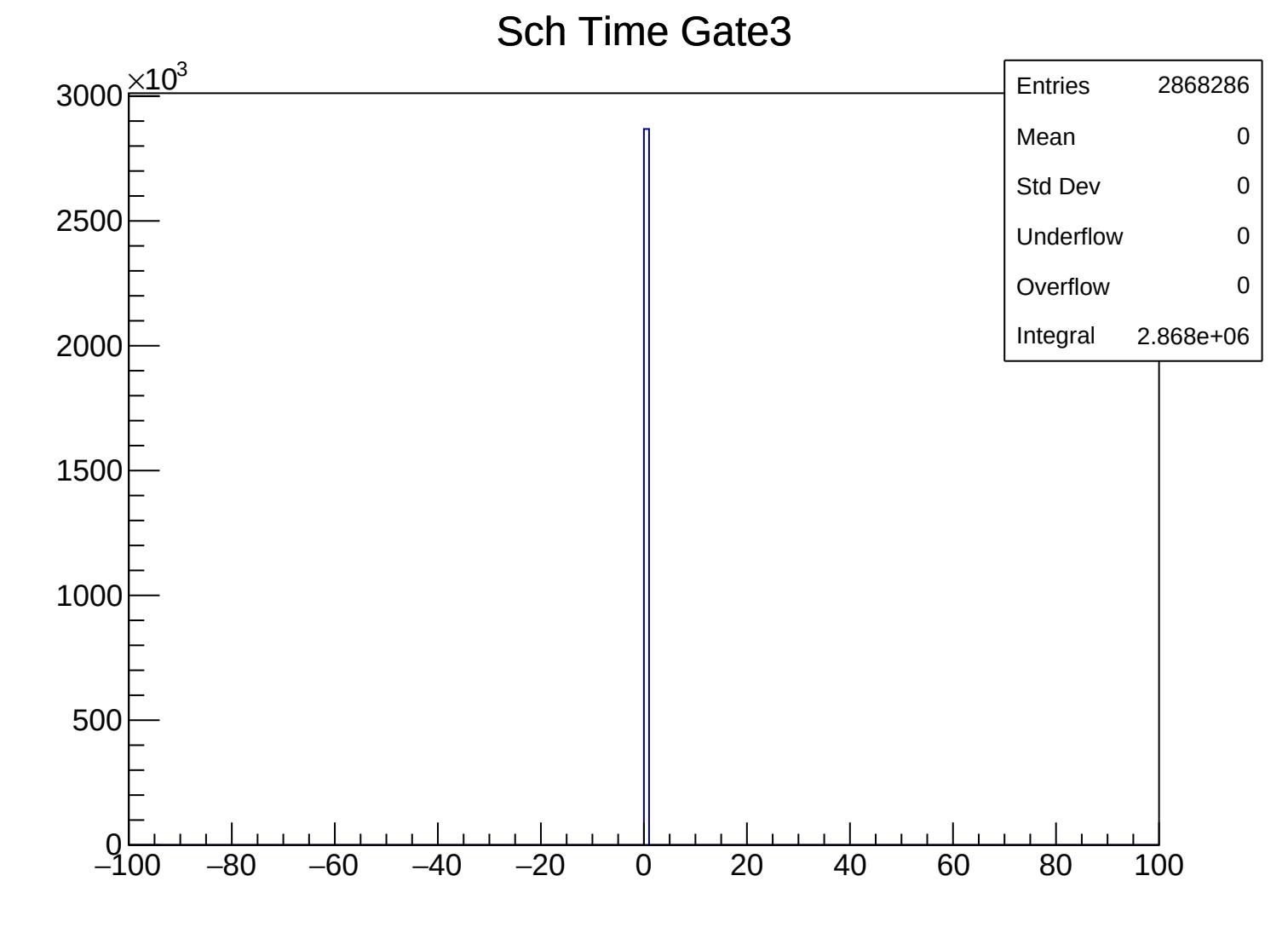

TofMtOr Gate4
×10^3
1400
1200
1000
800
600
400
200
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 2362252
Mean 10.16
Std Dev 6.342
Underflow 0
Overflow 0
Integral 2.362e+06

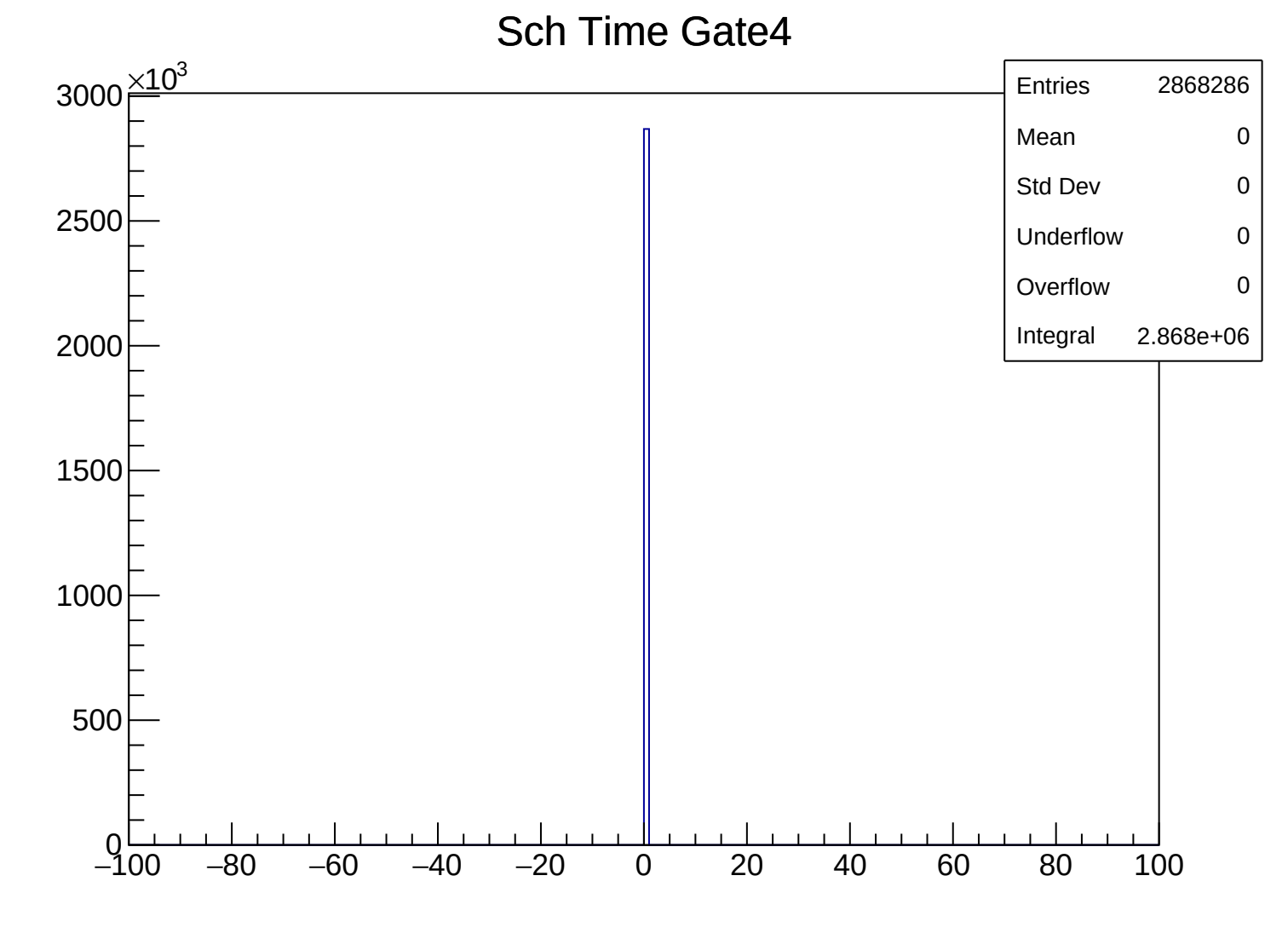

TofMtOr Gate5
×10^3
1400
1200
1000
800
600
400
200
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 2493044
Mean 10.61
Std Dev 12.99
Underflow 0
Overflow 0
Integral 2.493e+06

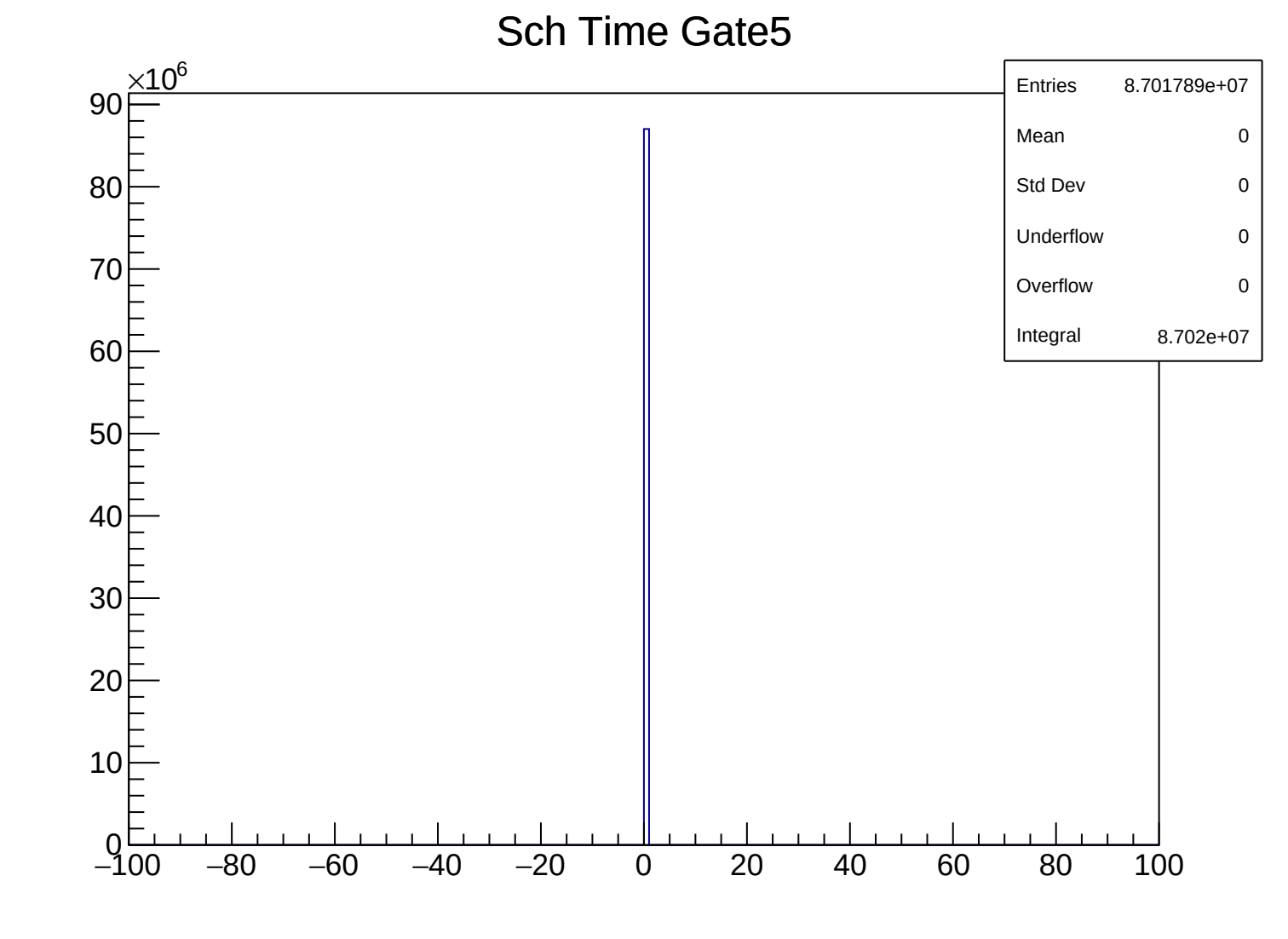

TofMtOr Gate6
×10^3
3000
2500
2000
1500
1000
500
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 5616520
Mean 3.2
Std Dev 18.9
Underflow 2.587e+04
Overflow 0
Integral 5.591e+06

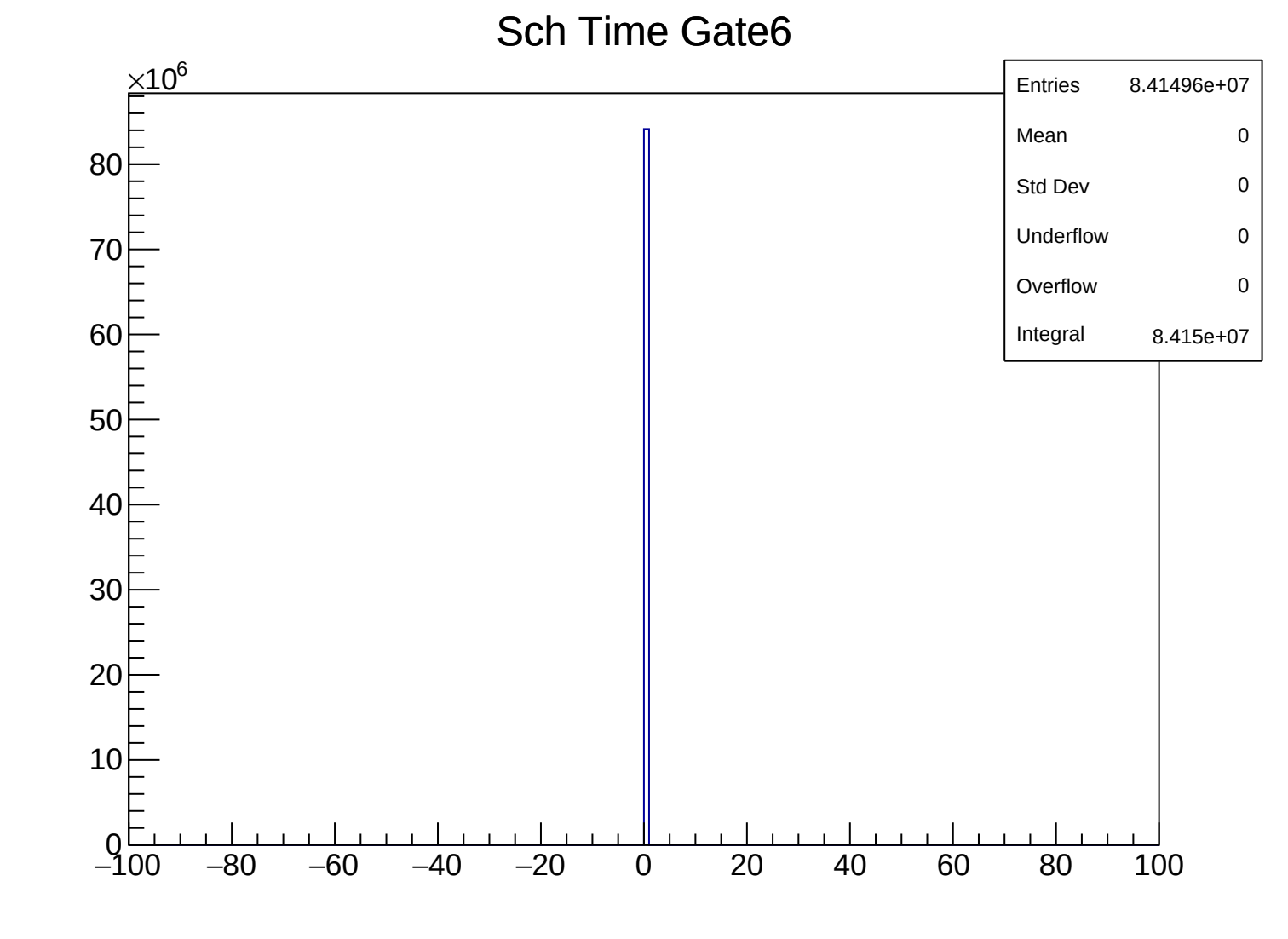

Sch Time Gate1
×10^3
3000
2500
2000
1500
1000
500
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 2868286
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 2.868e+06

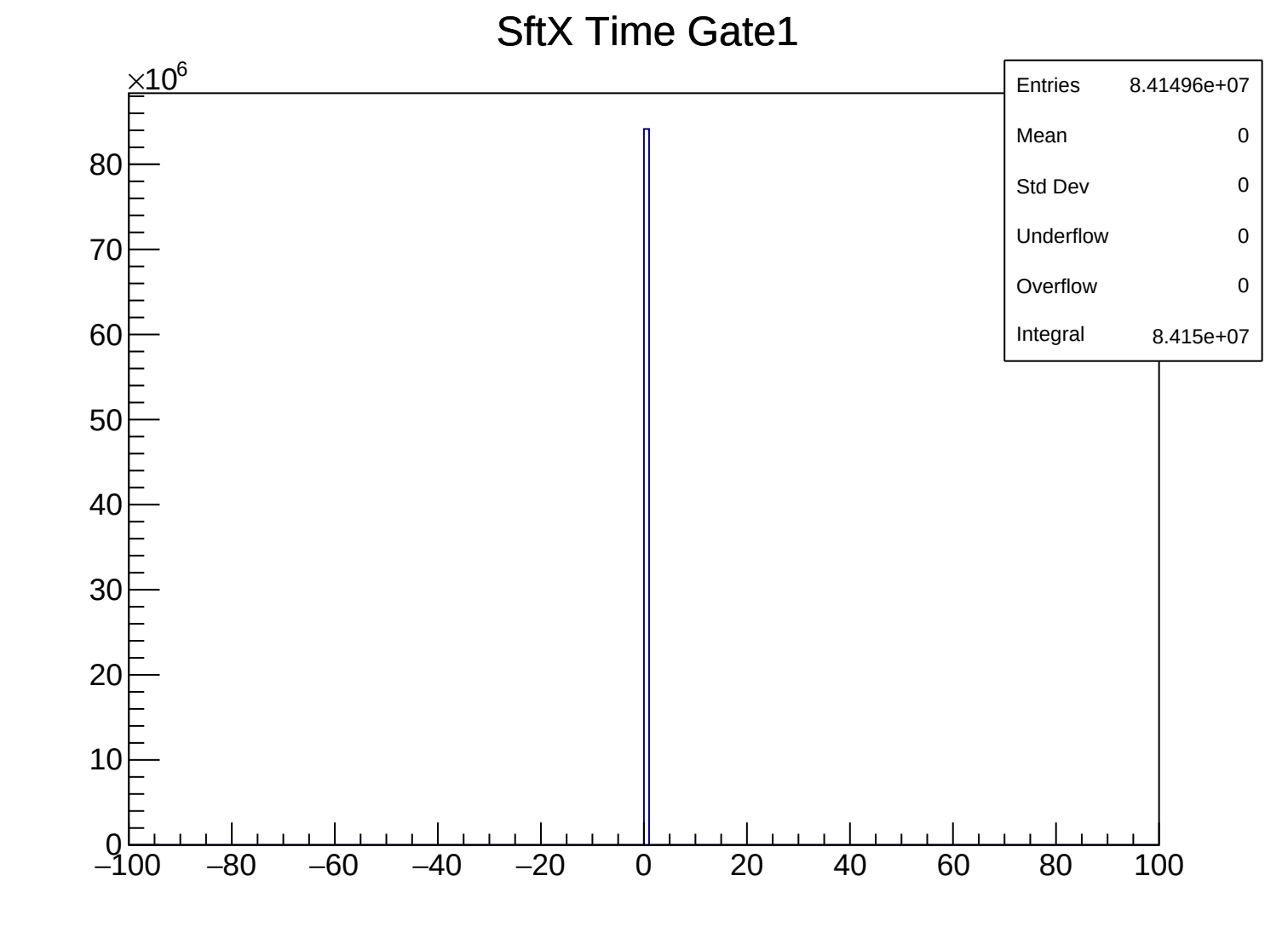

Sch Time Gate2
×10^3
3000
2500
2000
1500
1000
500
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 2868286
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 2.868e+06

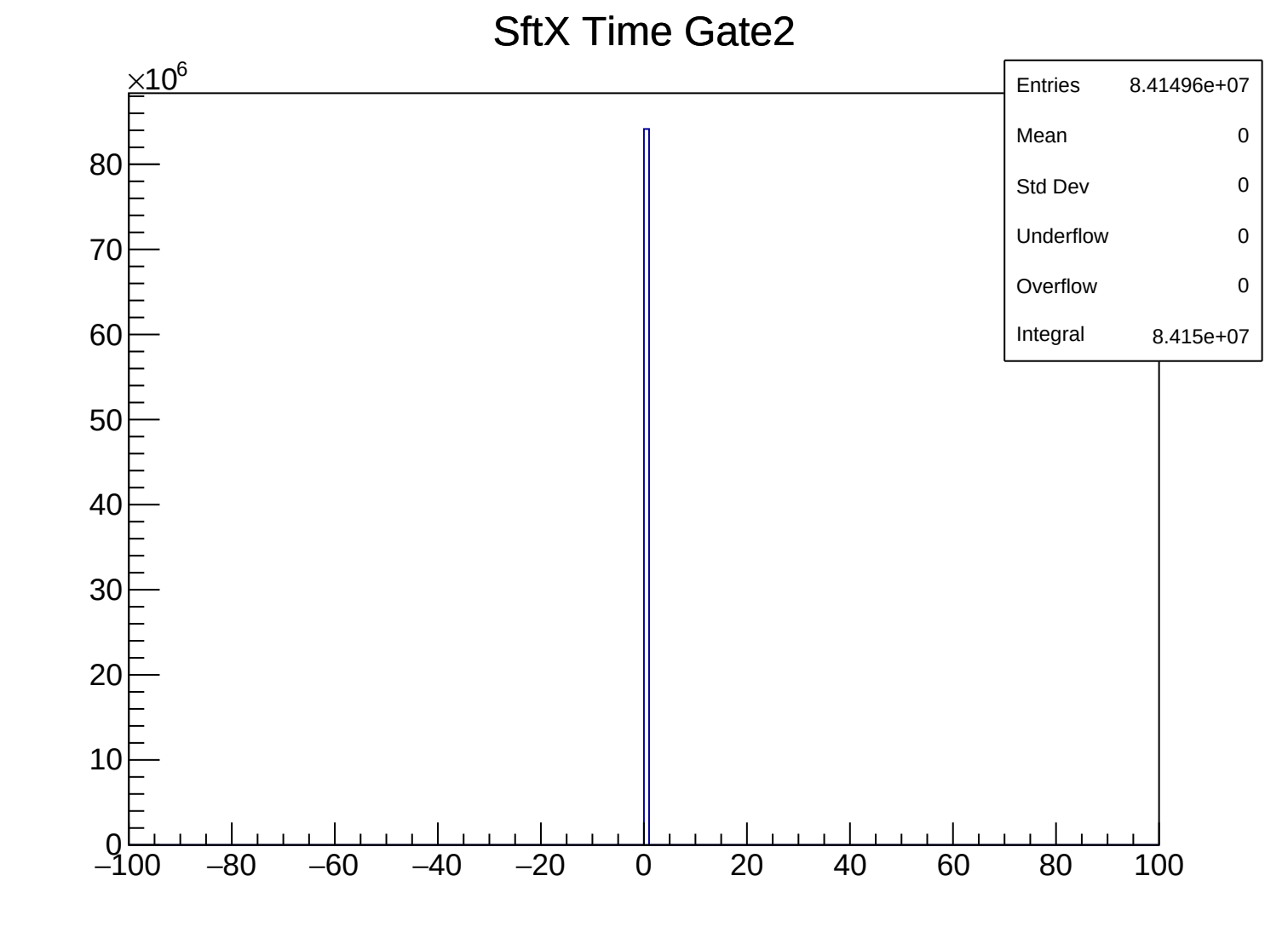

Sch Time Gate3
×10^3
3000
2500
2000
1500
1000
500
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 2868286
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 2.868e+06

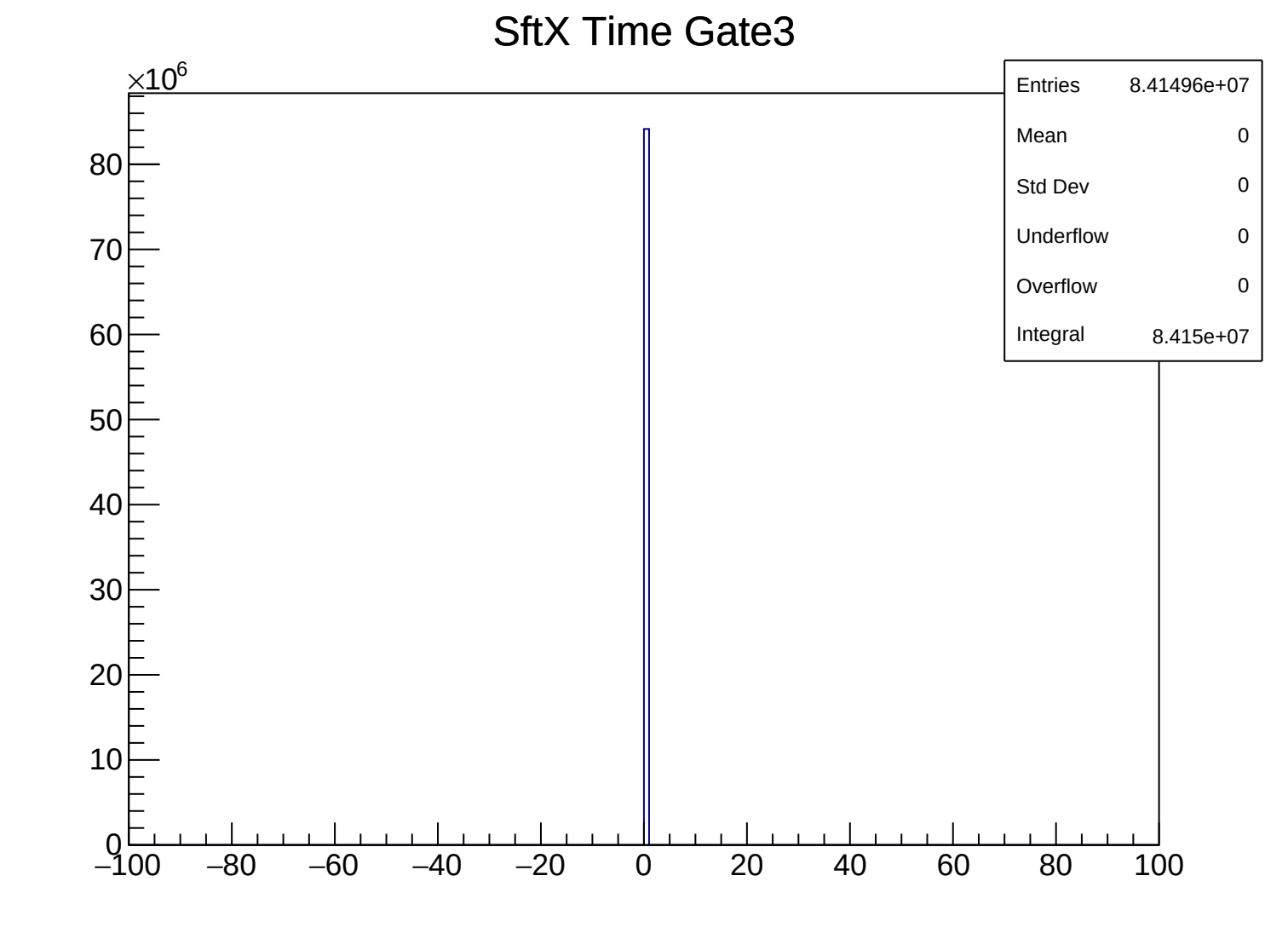

Sch Time Gate4
×10^3
3000
2500
2000
1500
1000
500
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 2868286
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 2.868e+06

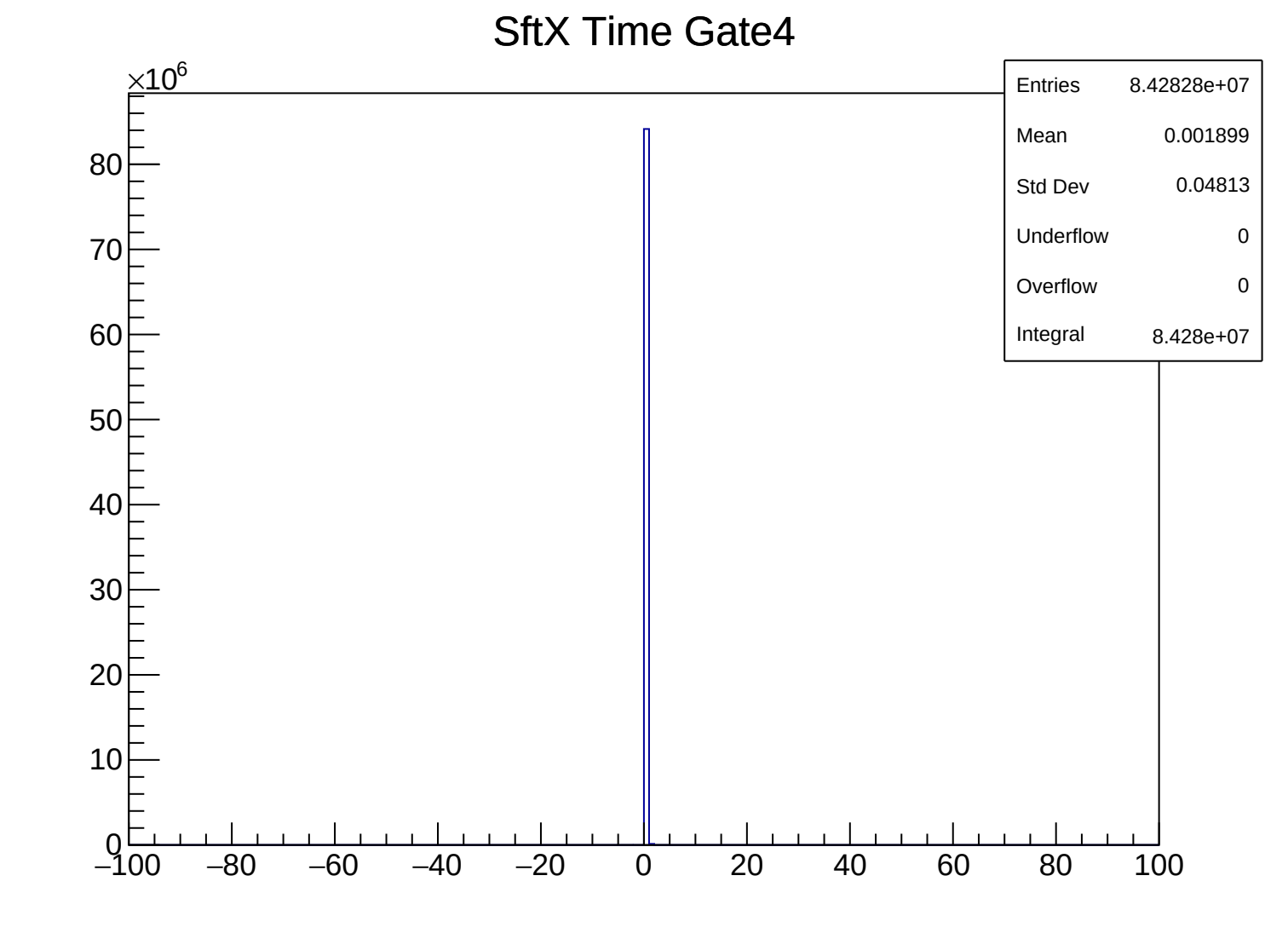

Sch Time Gate5
×10^6
90
80
70
60
50
40
30
20
10
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 8.701789e+07
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 8.702e+07

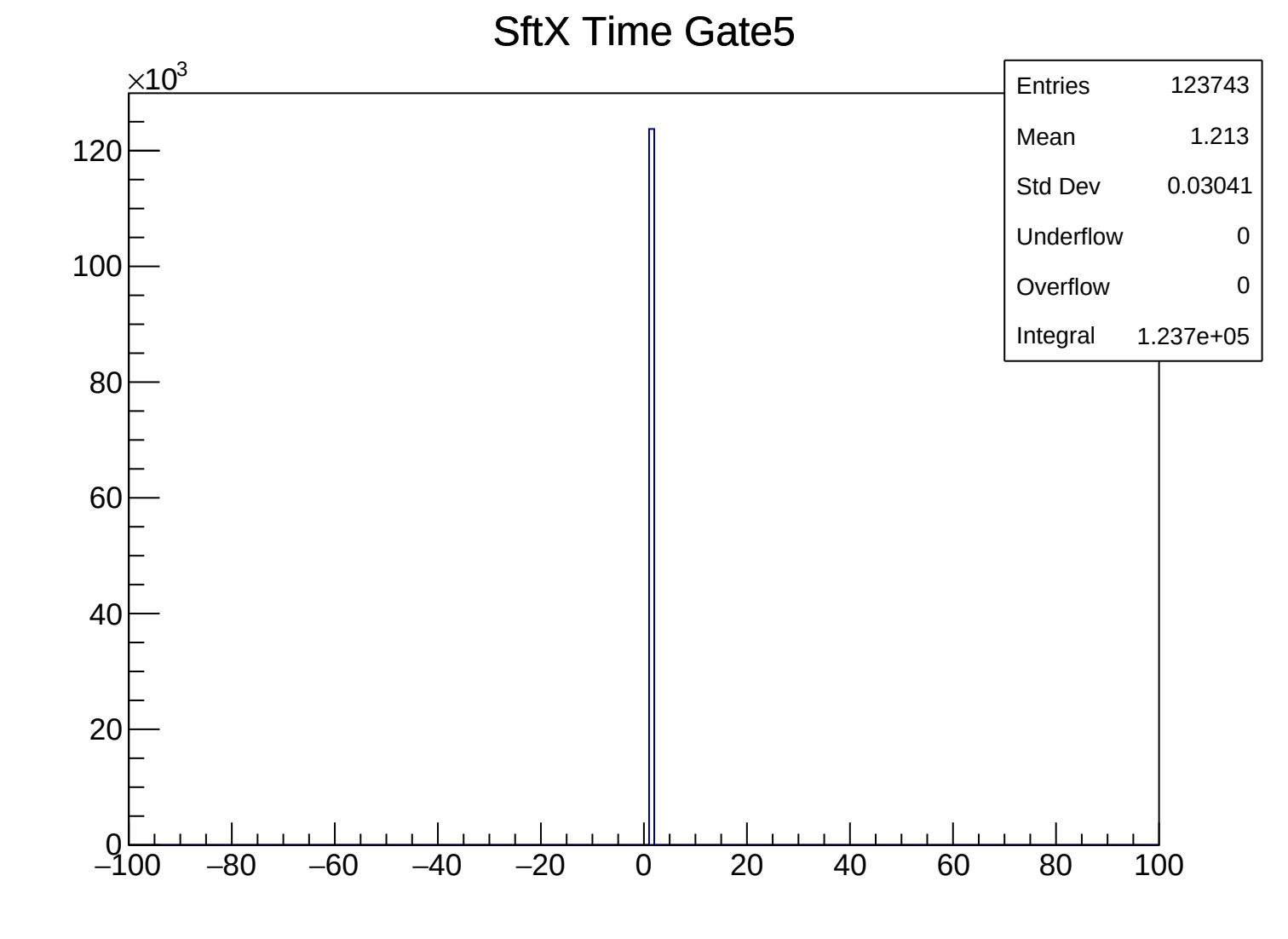

Sch Time Gate6
×10^6
80
70
60
50
40
30
20
10
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 8.41496e+07
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 8.415e+07

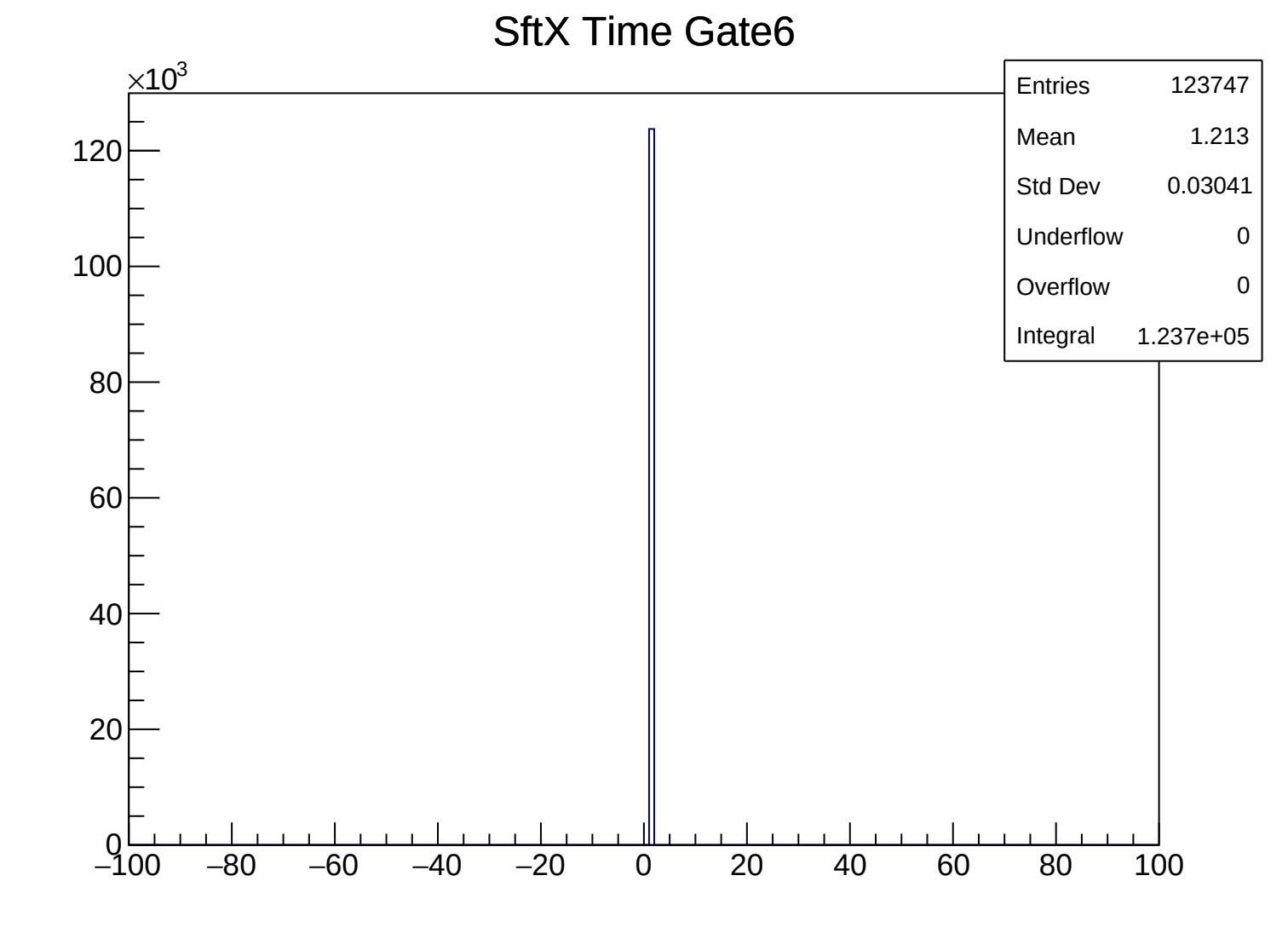

SftX Time Gate1
×10^6
80
70
60
50
40
30
20
10
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 8.41496e+07
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 8.415e+07

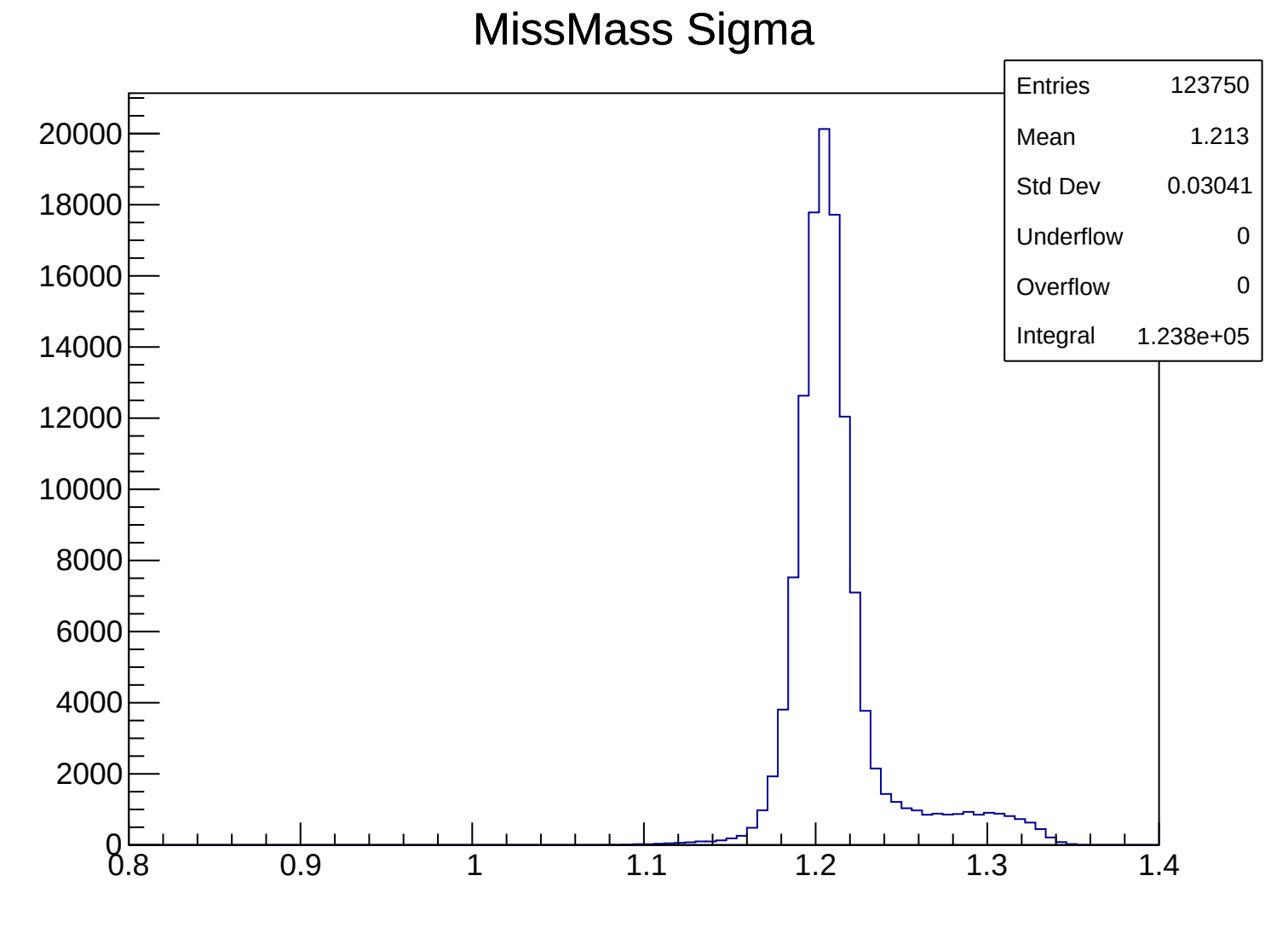

SftX Time Gate2
×10^6
80
70
60
50
40
30
20
10
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 8.41496e+07
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 8.415e+07

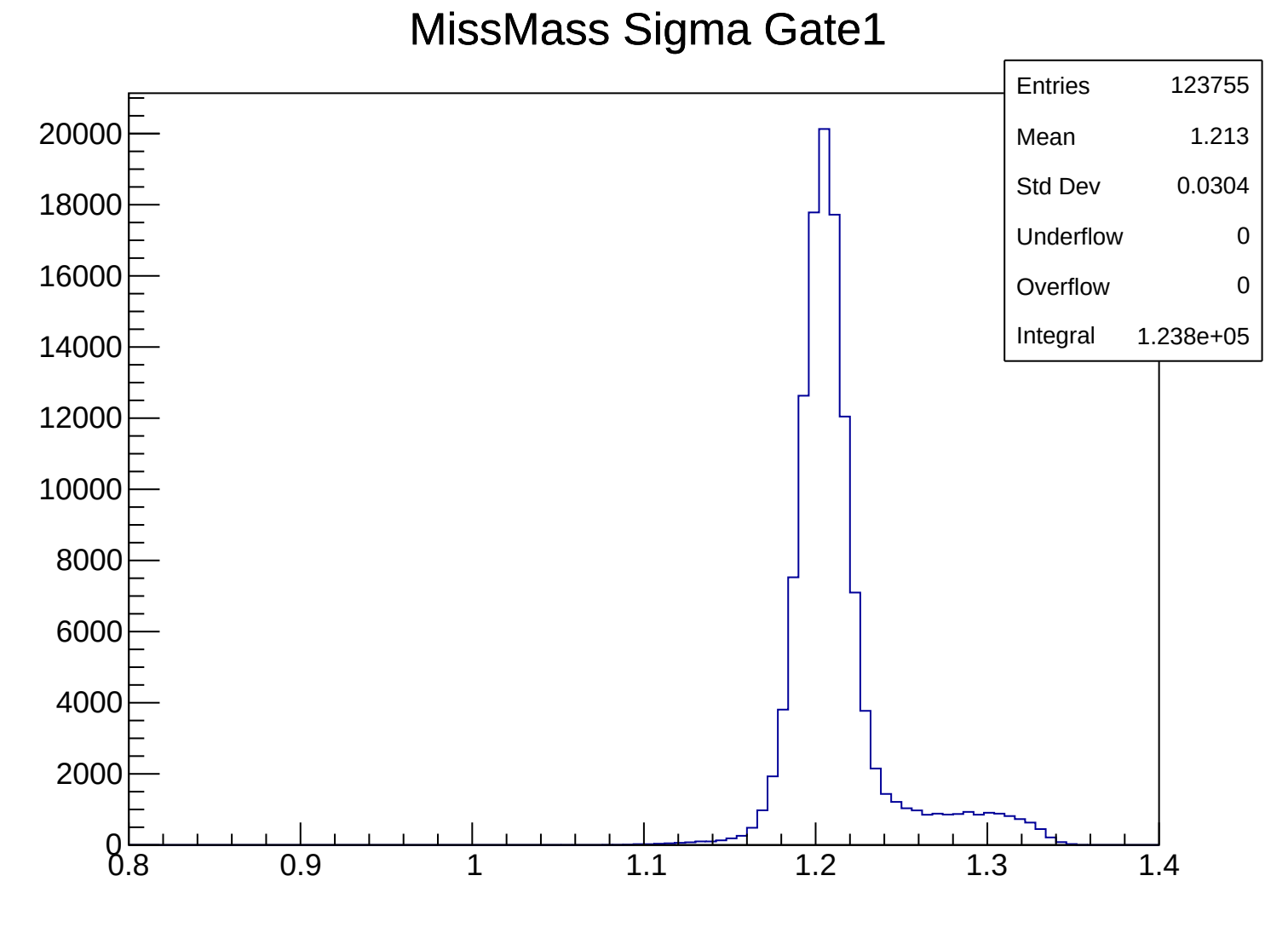

SftX Time Gate3
×10^6
80
70
60
50
40
30
20
10
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 8.41496e+07
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 8.415e+07

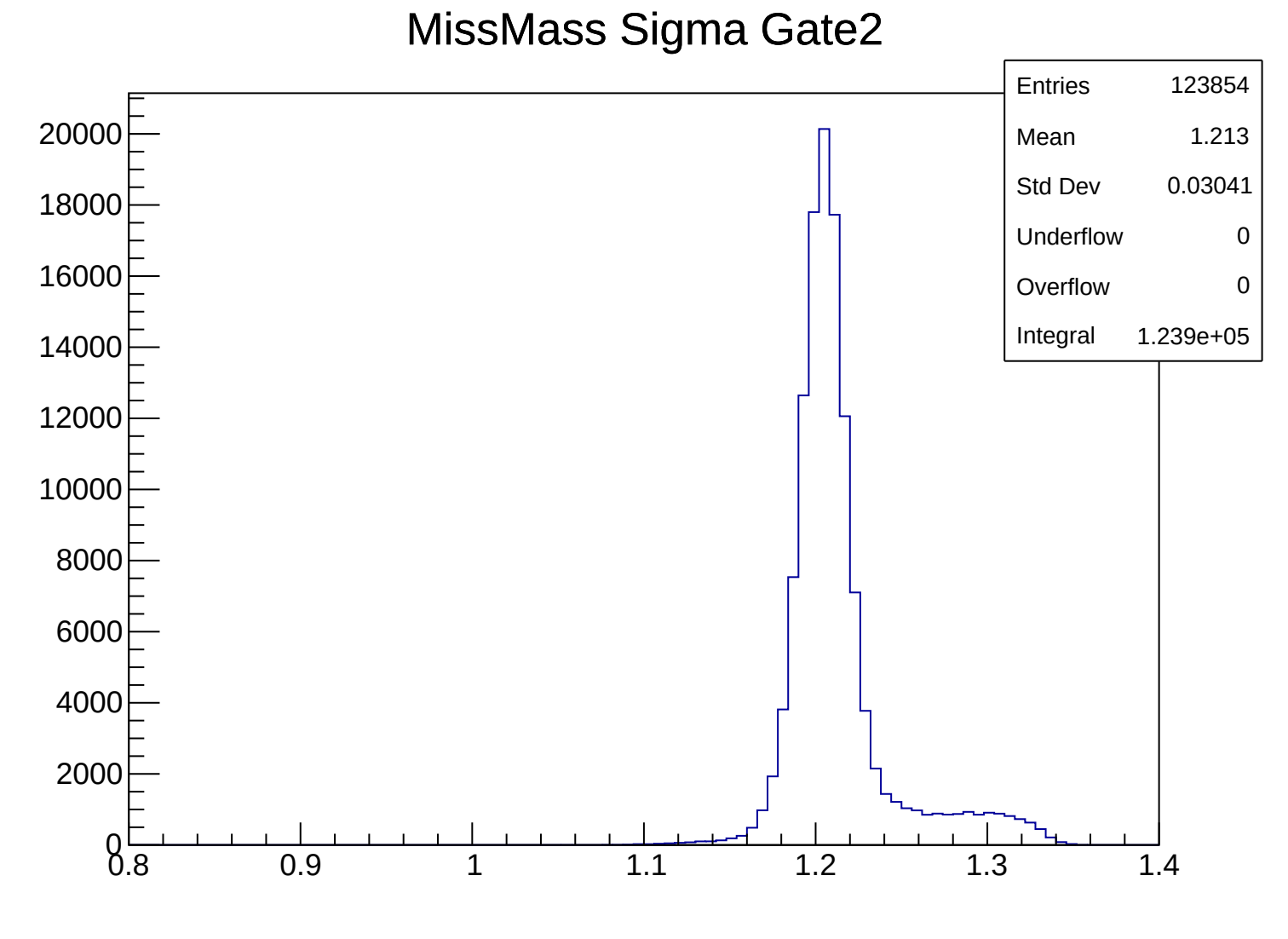

SftX Time Gate4
×10^6
80
70
60
50
40
30
20
10
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 8.42828e+07
Mean 0.001899
Std Dev 0.04813
Underflow 0
Overflow 0
Integral 8.428e+07

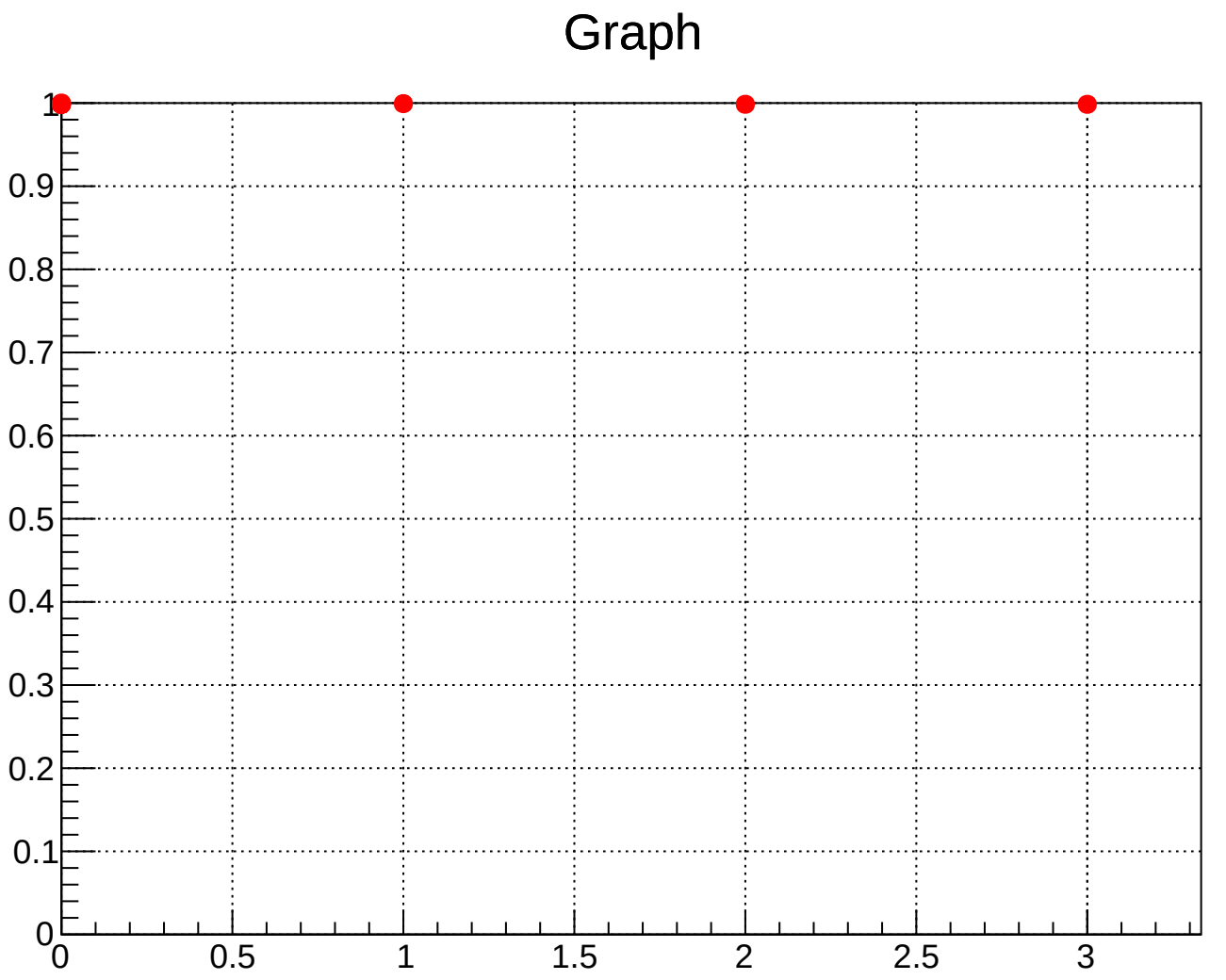

SftX Time Gate5
×10^3
120
100
80
60
40
20
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 123743
Mean 1.213
Std Dev 0.03041
Underflow 0
Overflow 0
Integral 1.237e+05

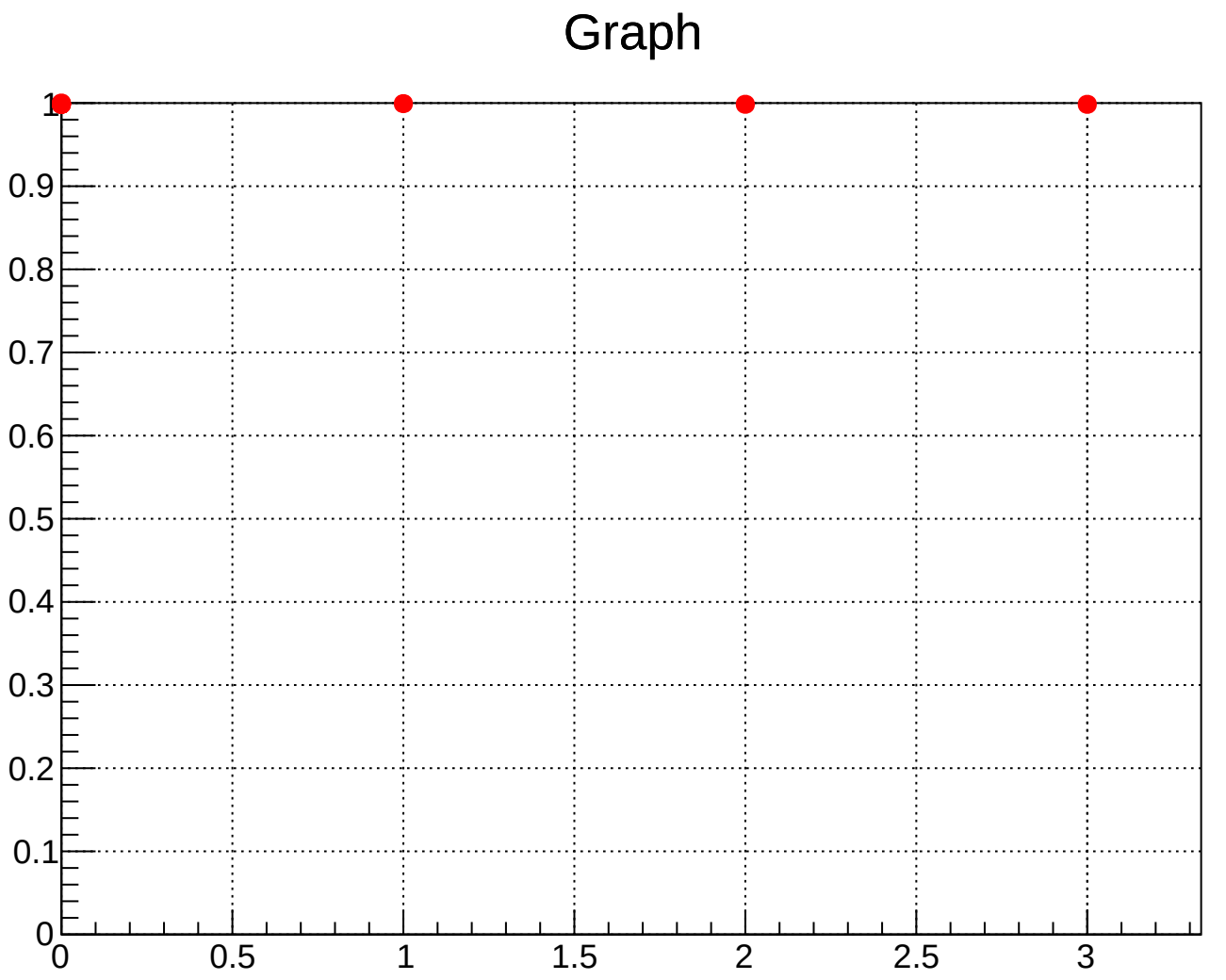

SftX Time Gate6
×10^3
120
100
80
60
40
20
0
–100
–80
–60
–40
–20
0
20
40
60
80
100
Entries 123747
Mean 1.213
Std Dev 0.03041
Underflow 0
Overflow 0
Integral 1.237e+05


MissMass Sigma
Entries 123750
Mean 1.213
Std Dev 0.03041
Underflow 0
Overflow 0
Integral 1.238e+05
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
0.8
0.9
1
1.1
1.2
1.3
1.4


MissMass Sigma Gate1
Entries 123755
Mean 1.213
Std Dev 0.0304
Underflow 0
Overflow 0
Integral 1.238e+05
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
0.8
0.9
1
1.1
1.2
1.3
1.4


MissMass Sigma Gate2
Entries 123854
Mean 1.213
Std Dev 0.03041
Underflow 0
Overflow 0
Integral 1.239e+05
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
0.8
0.9
1
1.1
1.2
1.3
1.4


Graph
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3


Graph
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3