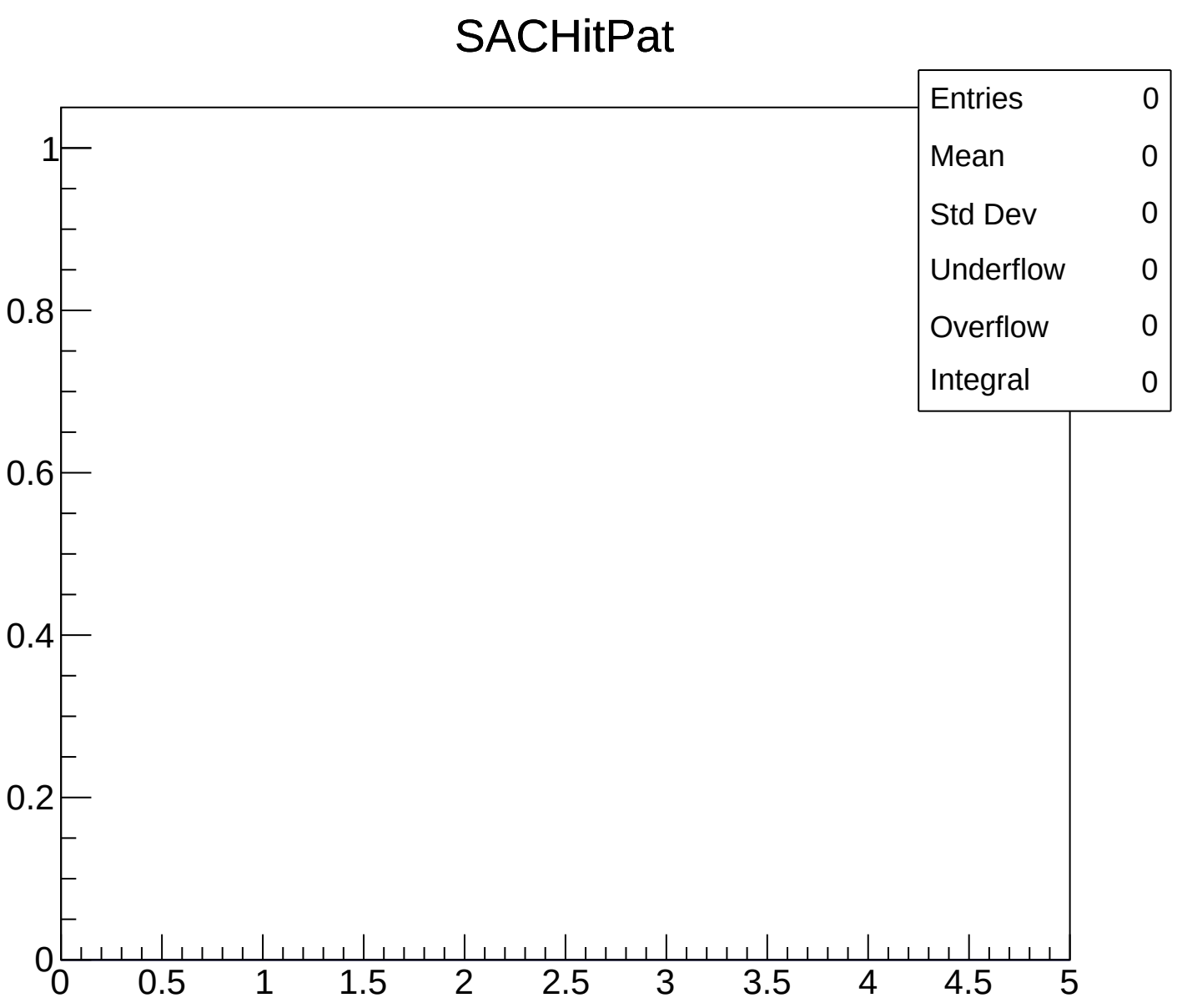
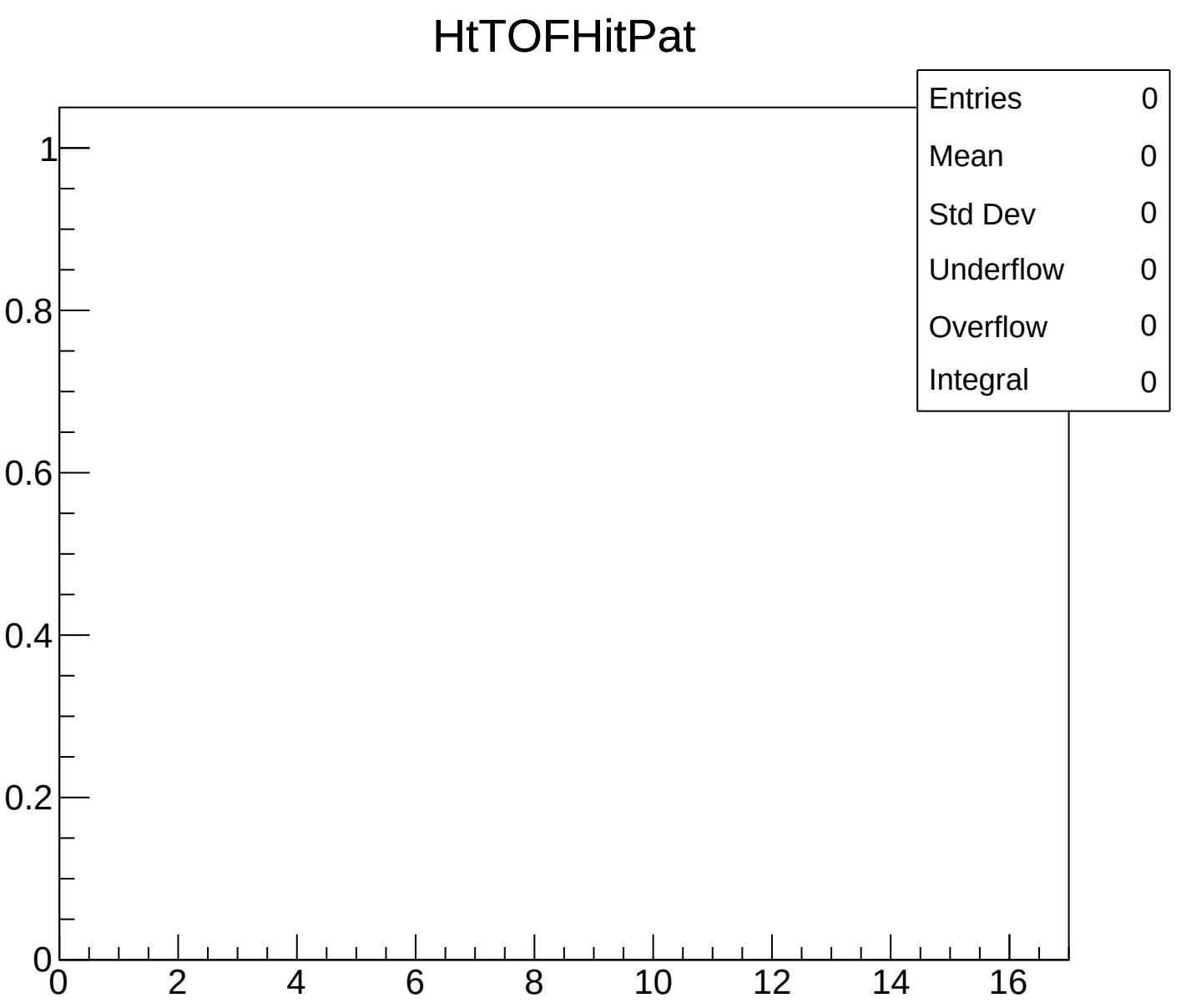
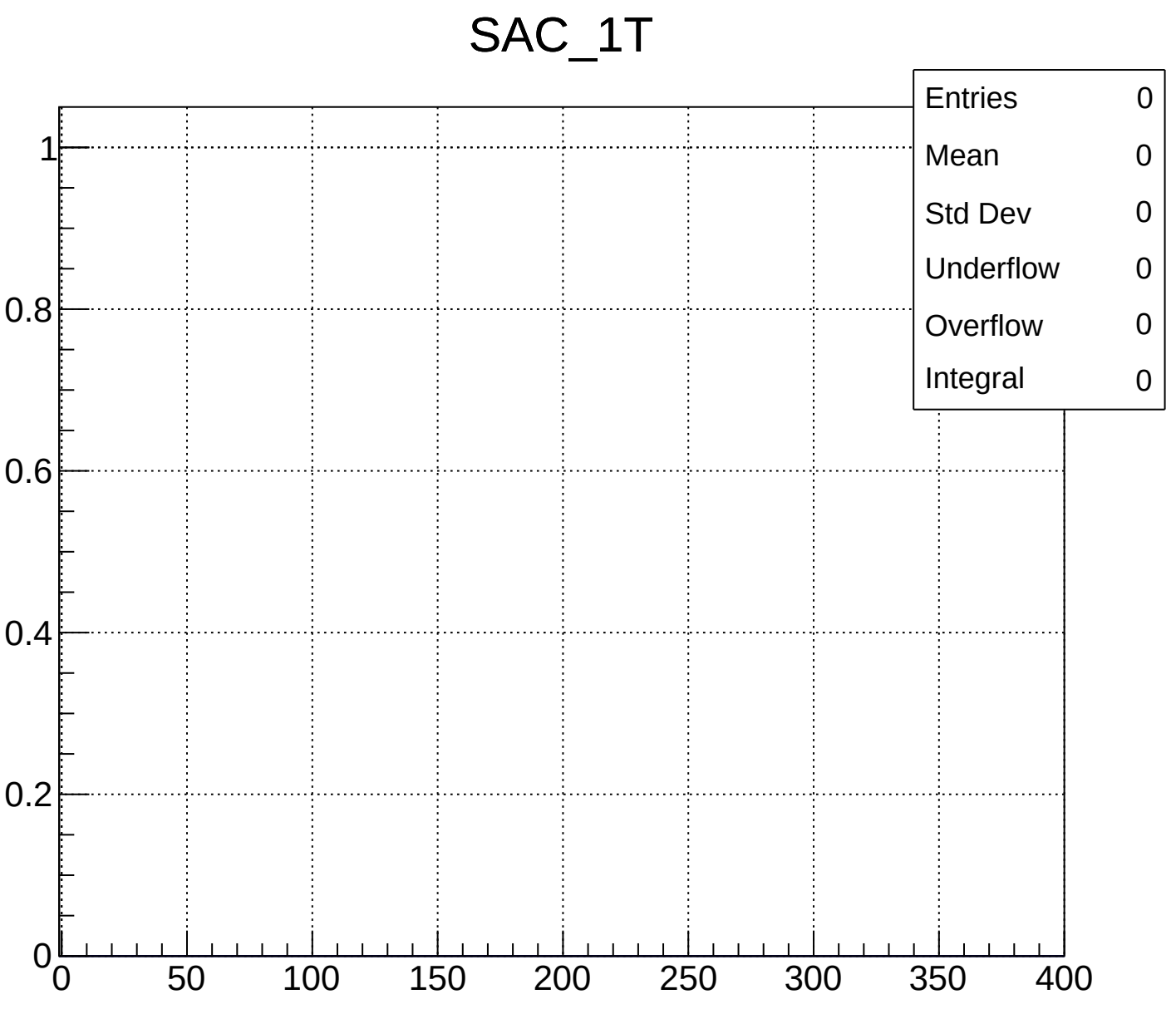
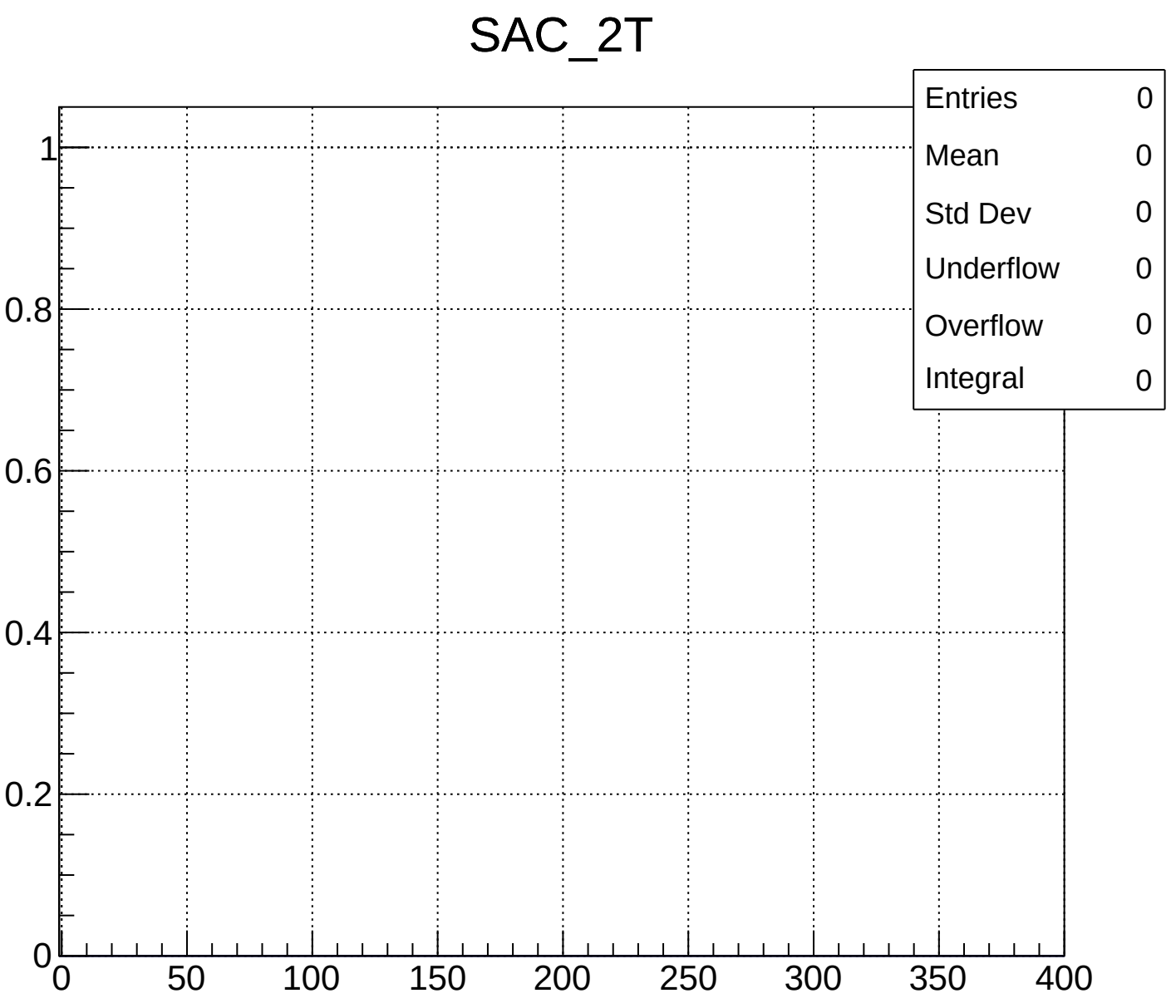
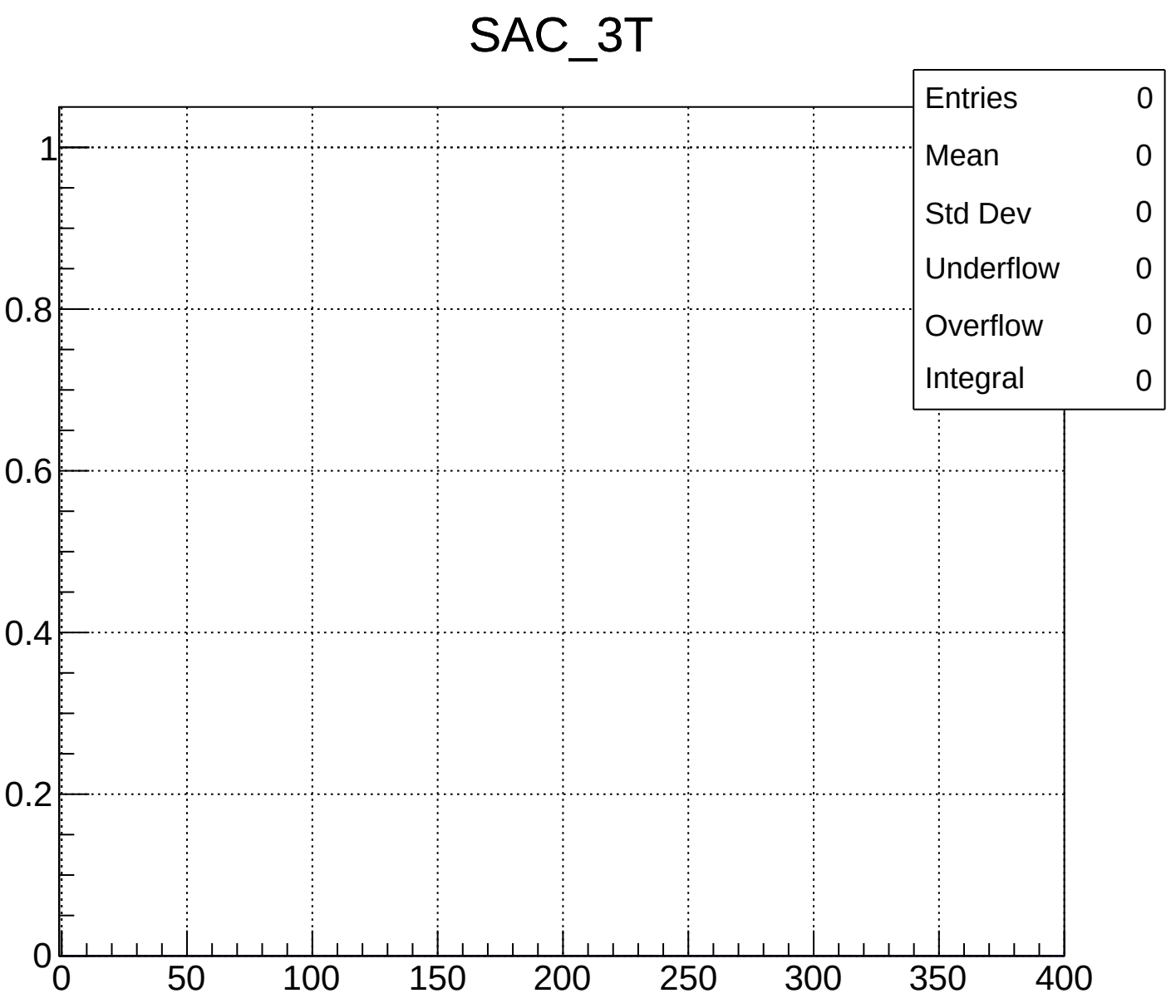
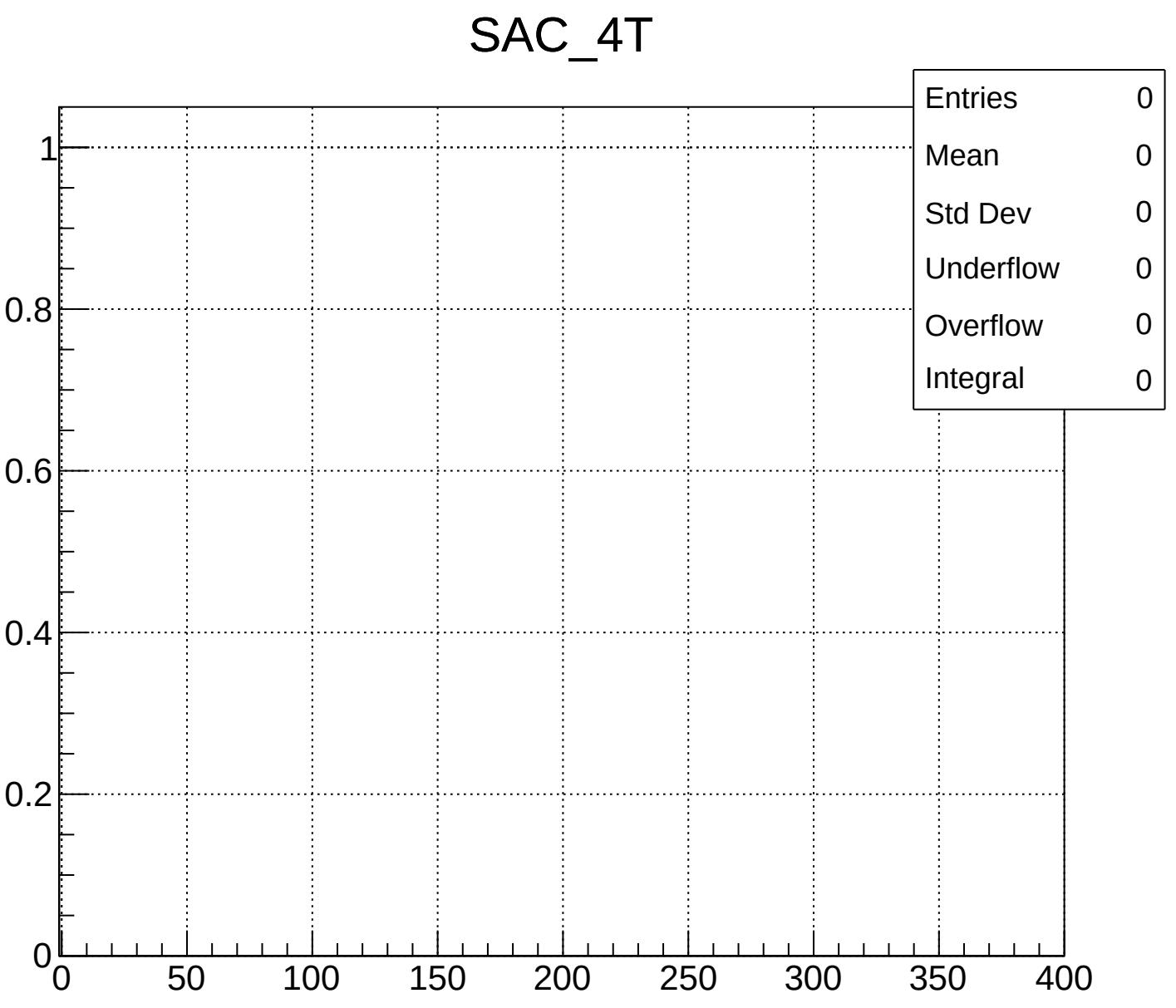

SACHitPat
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5

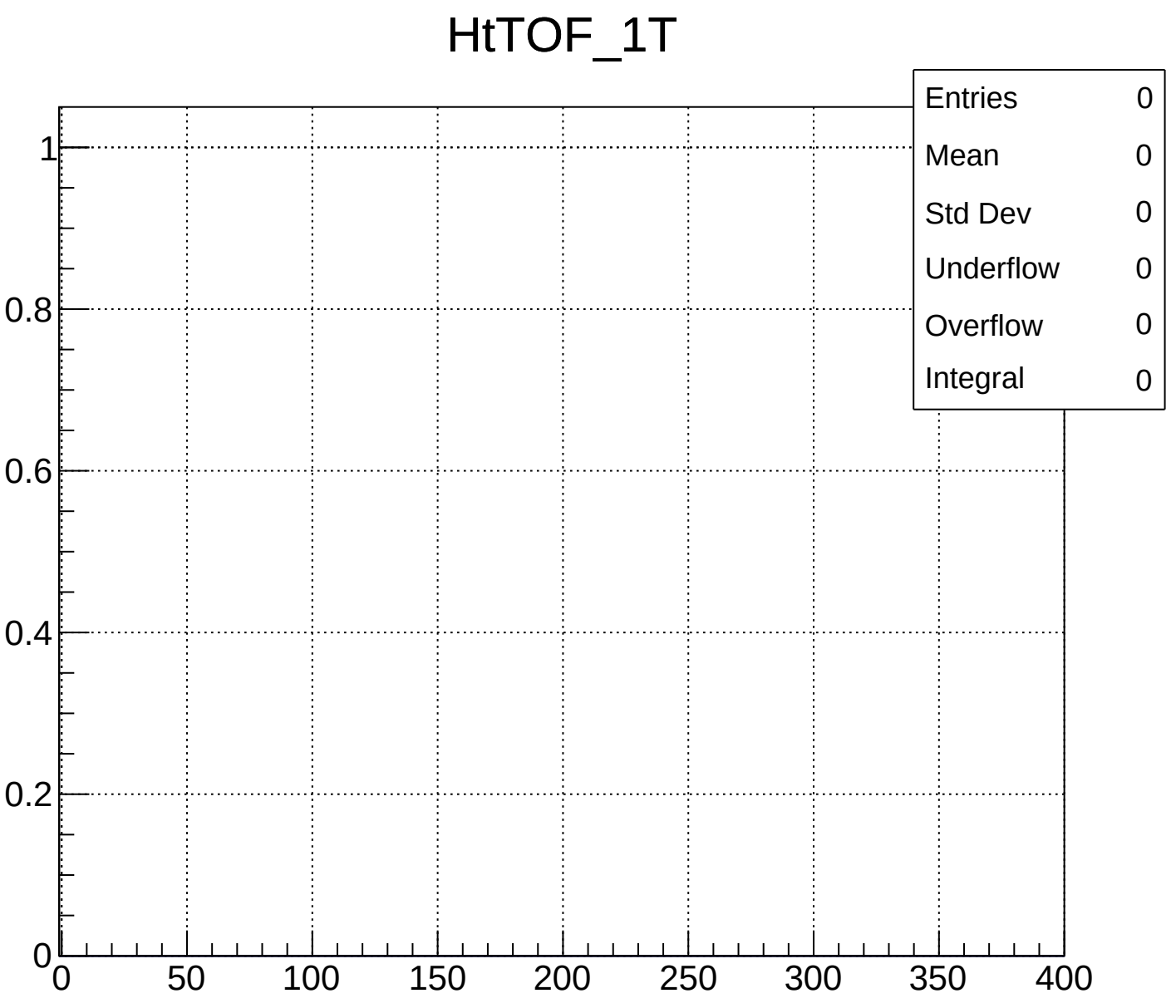

HtTOFHitPat
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
2
4
6
8
10
12
14
16

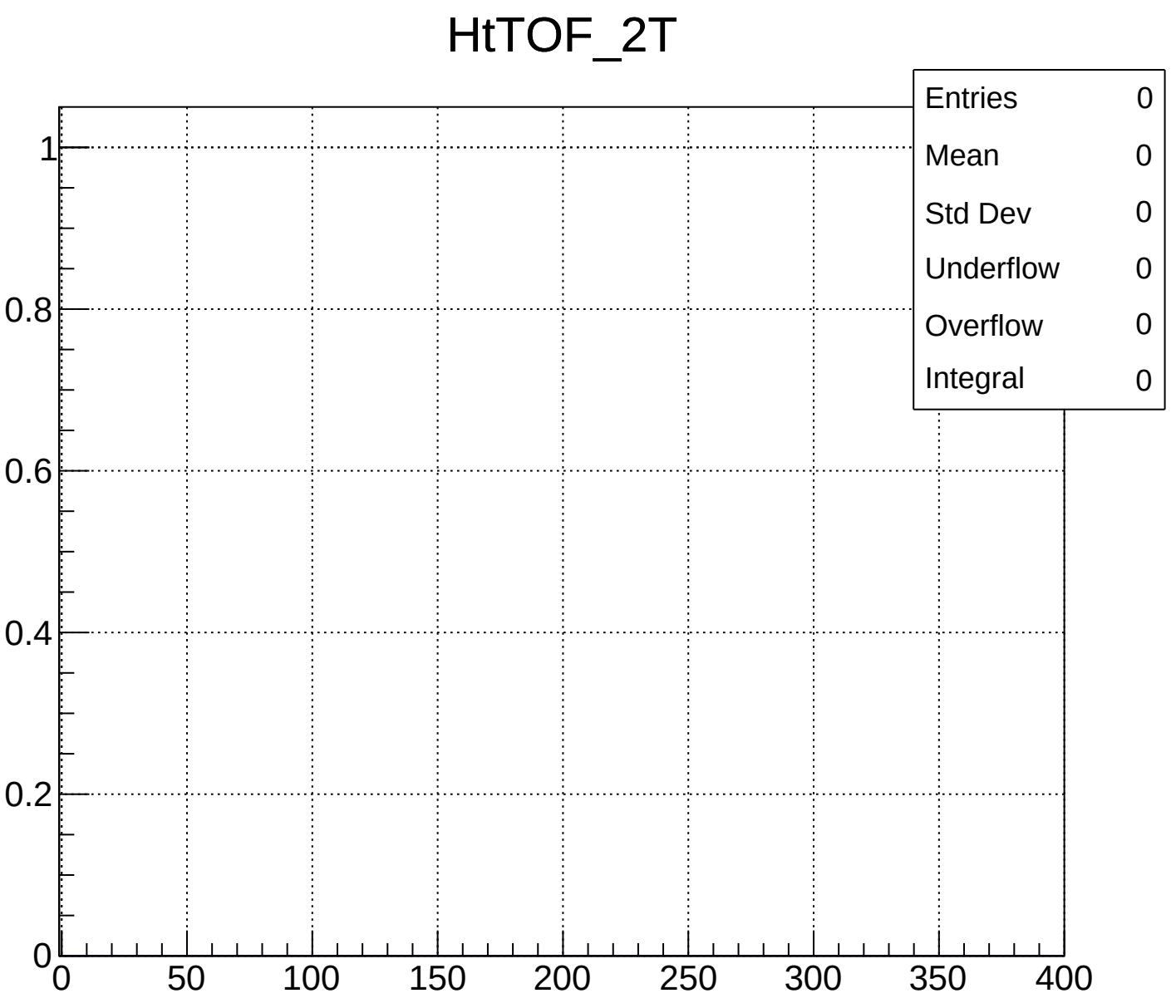

SAC_1T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

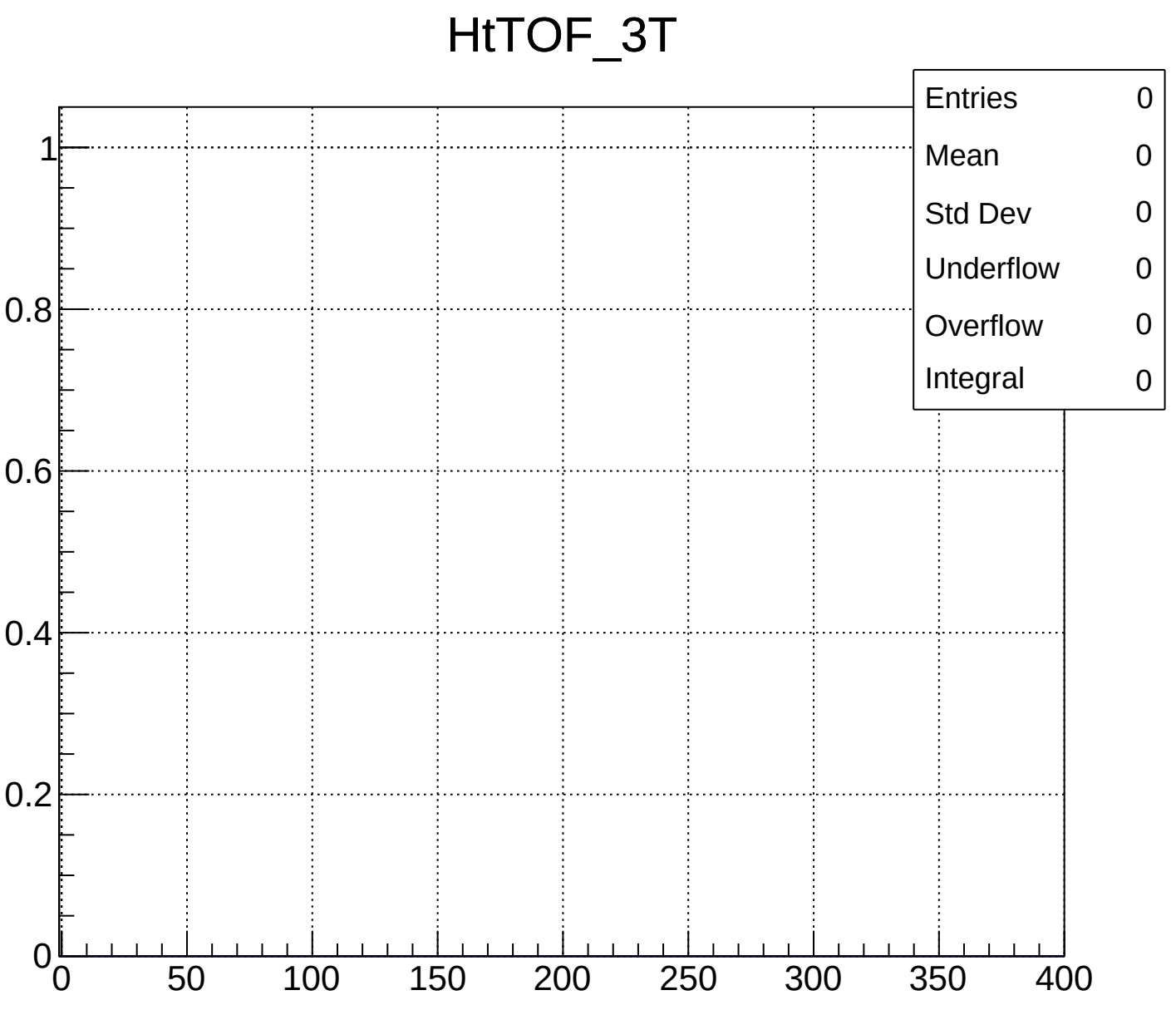

SAC_2T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

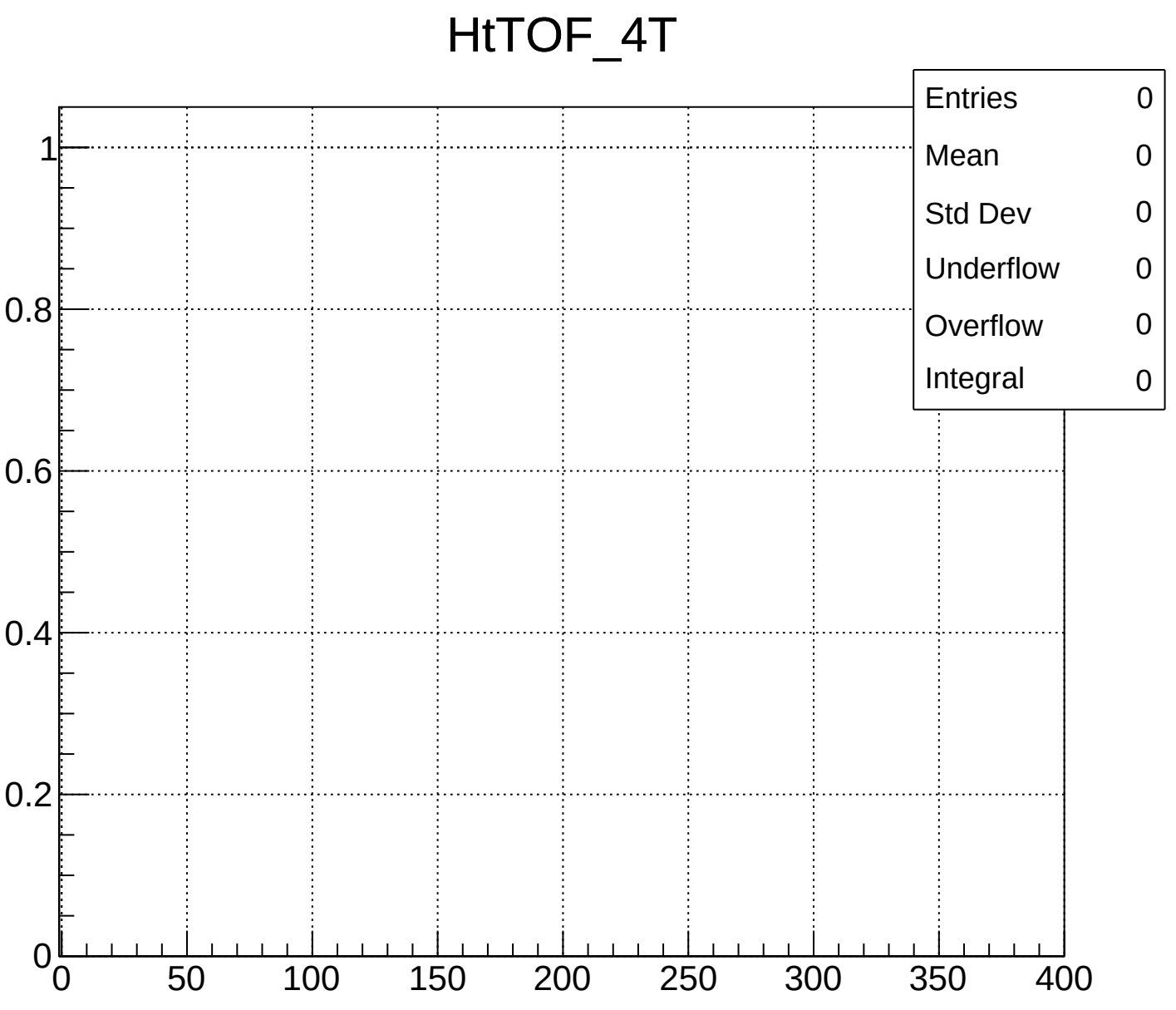

SAC_3T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

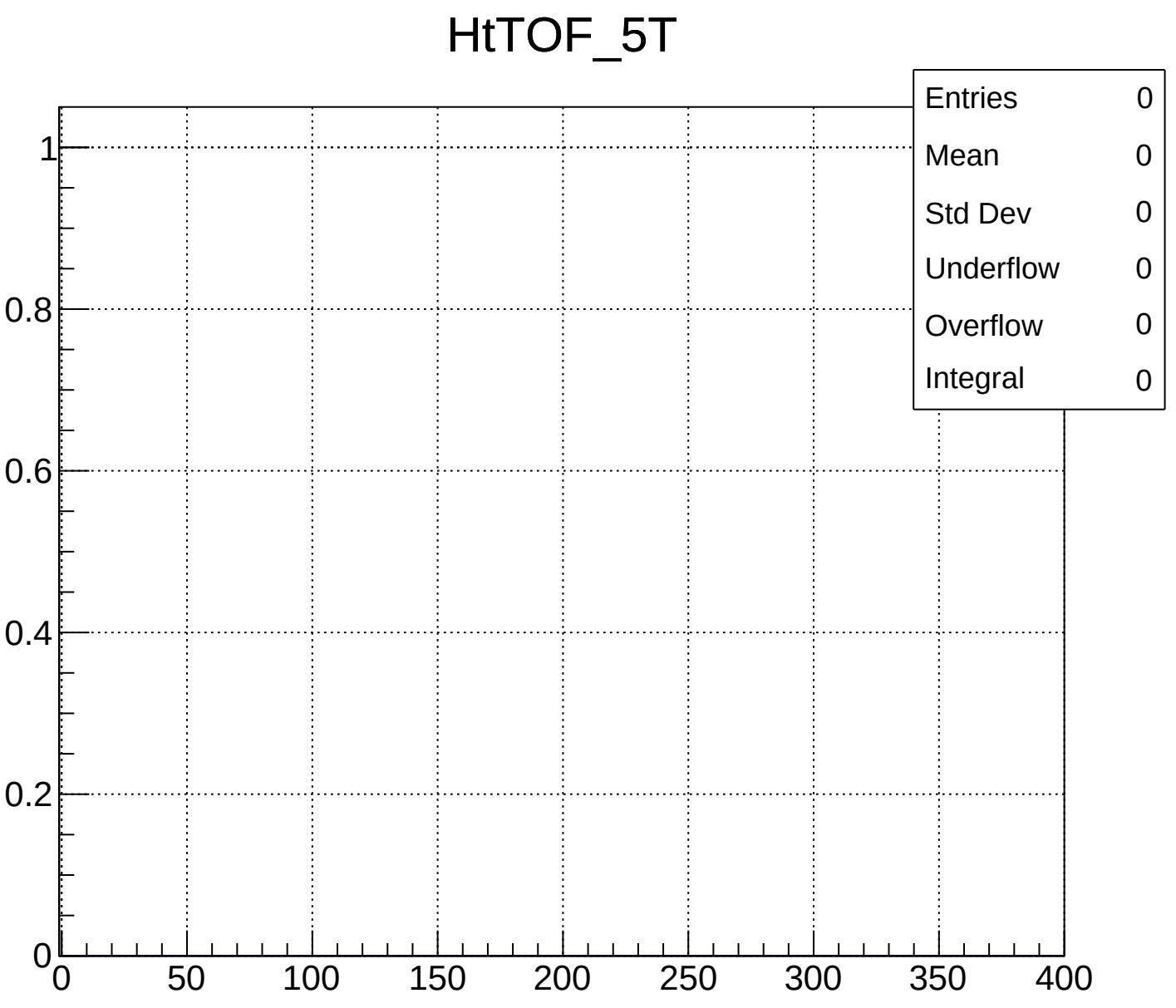

SAC_4T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

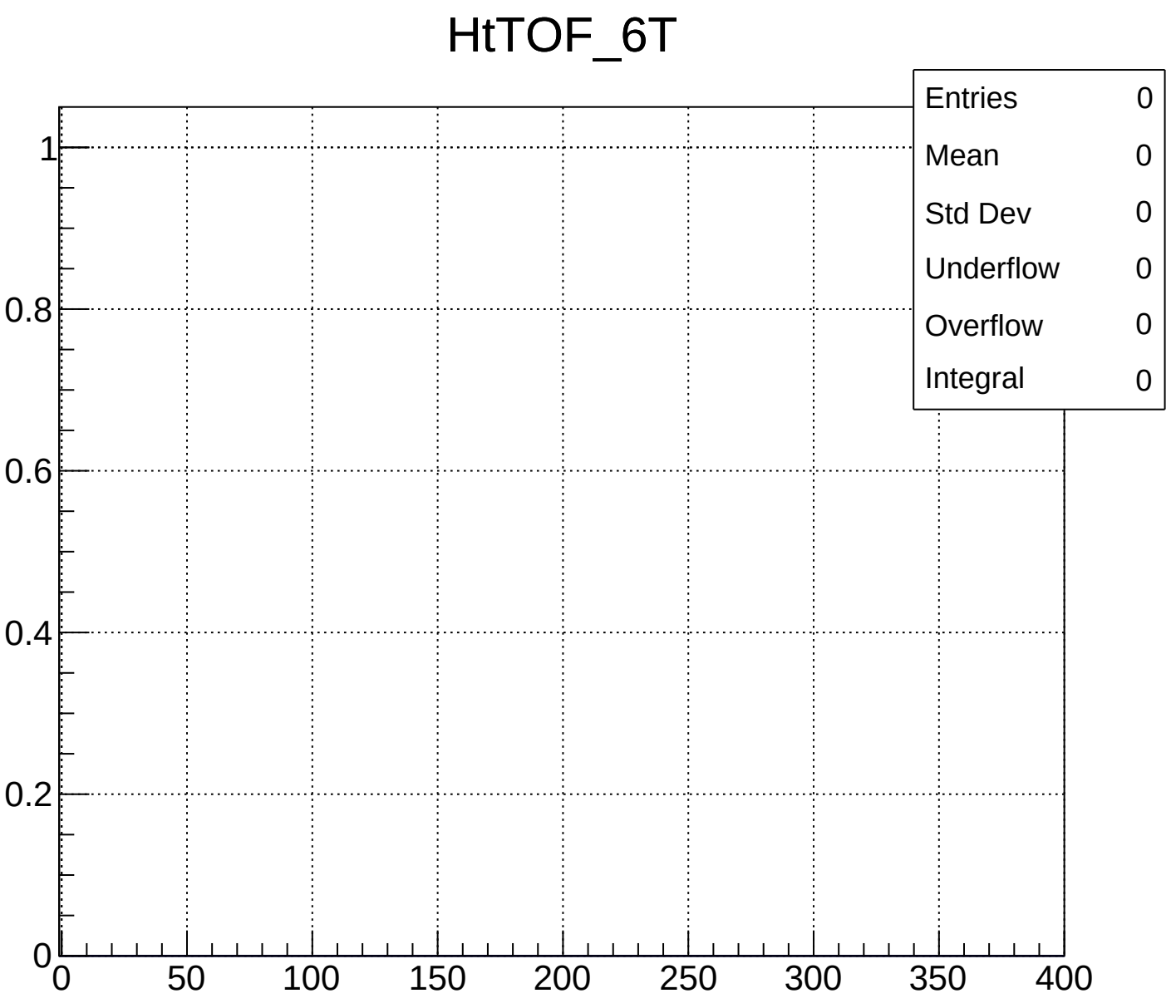

HtTOF_1T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

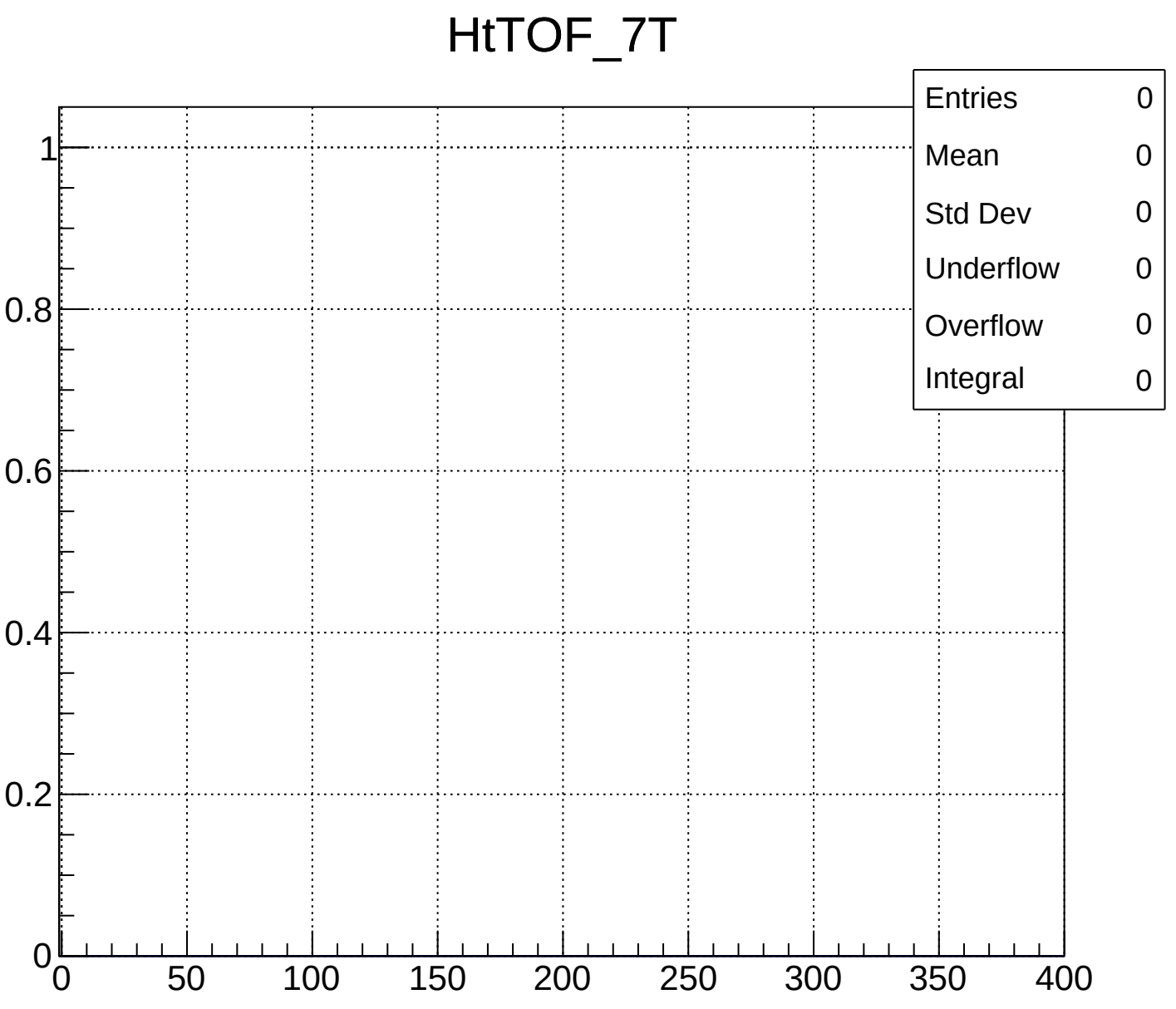

HtTOF_2T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

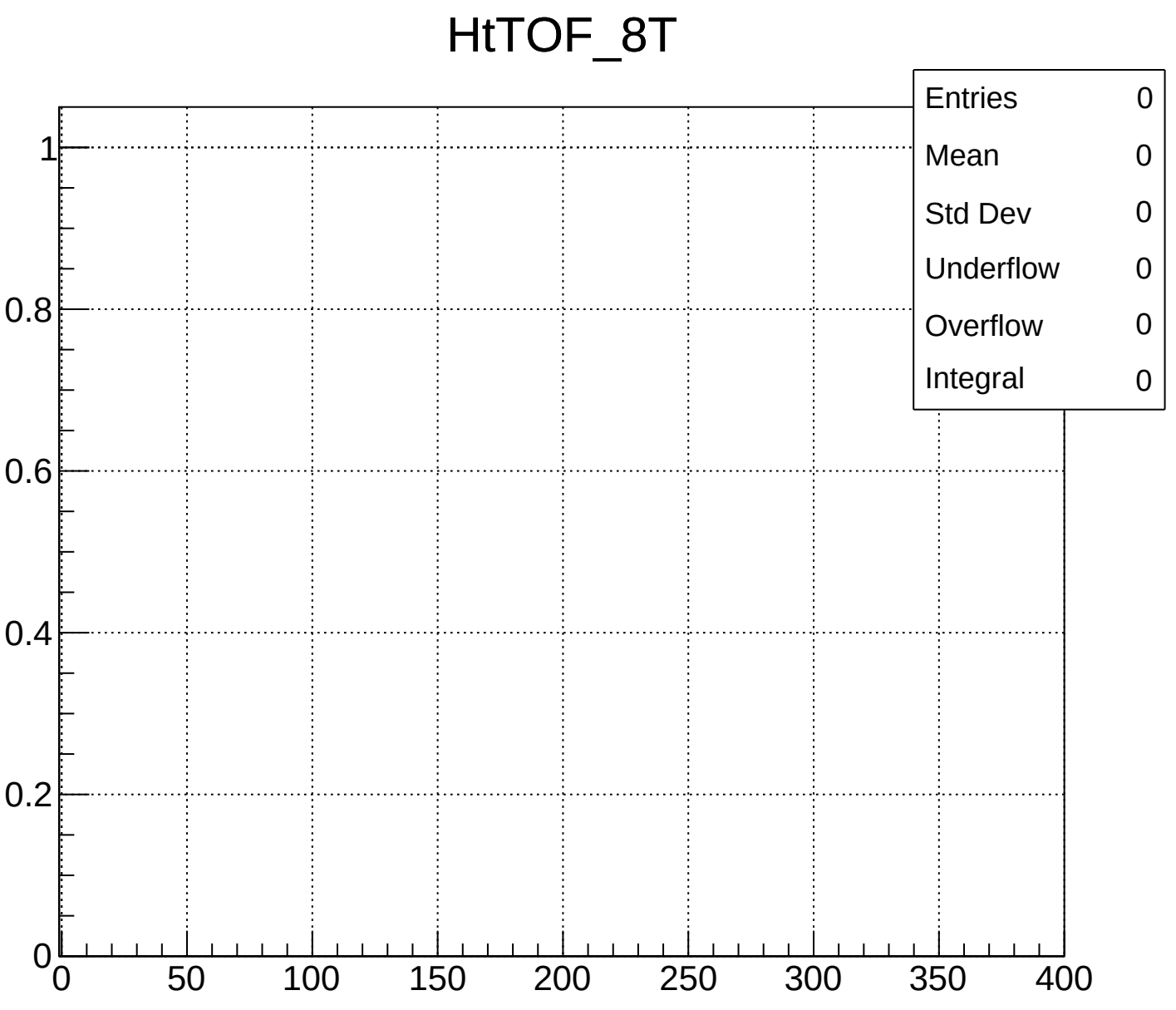

HtTOF_3T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

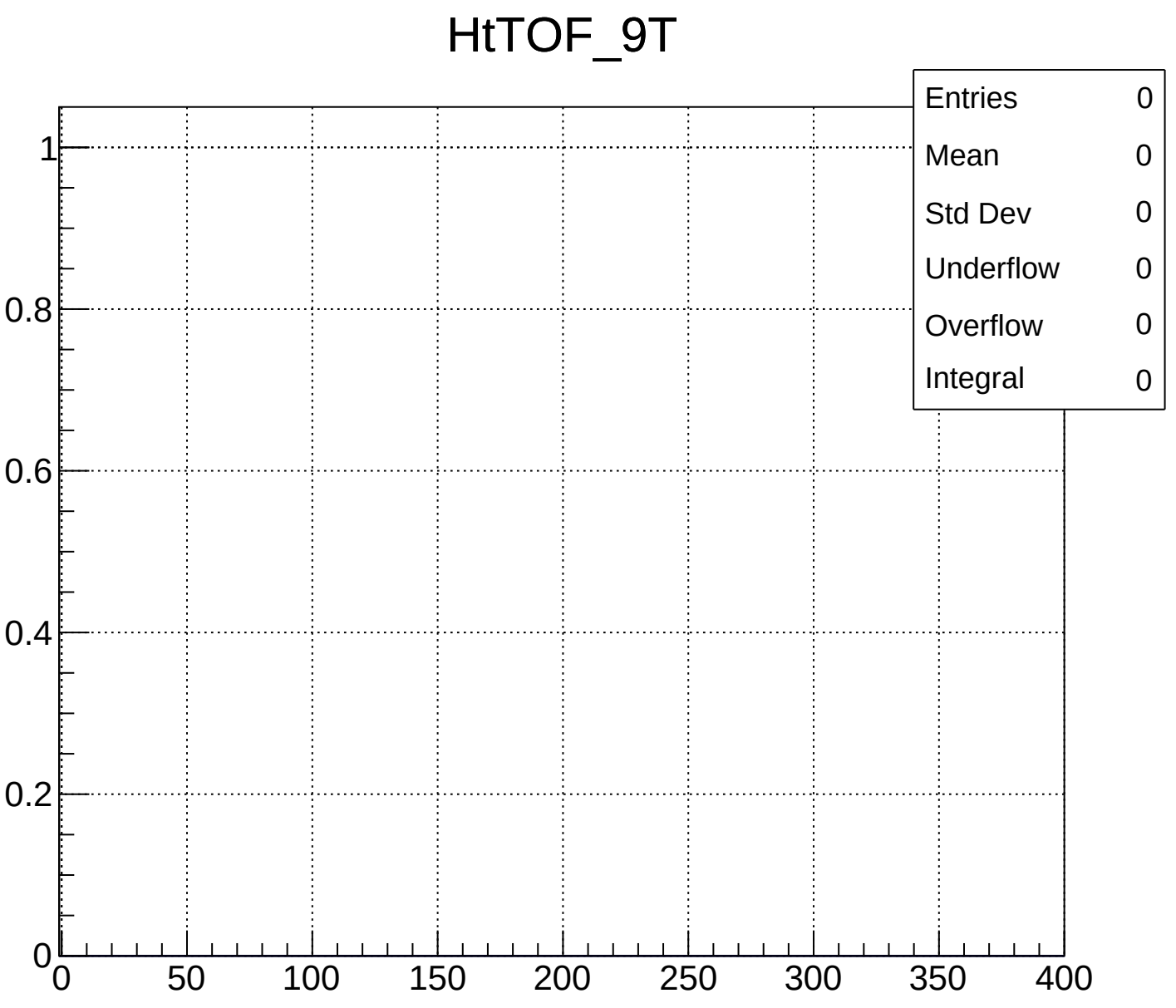

HtTOF_4T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

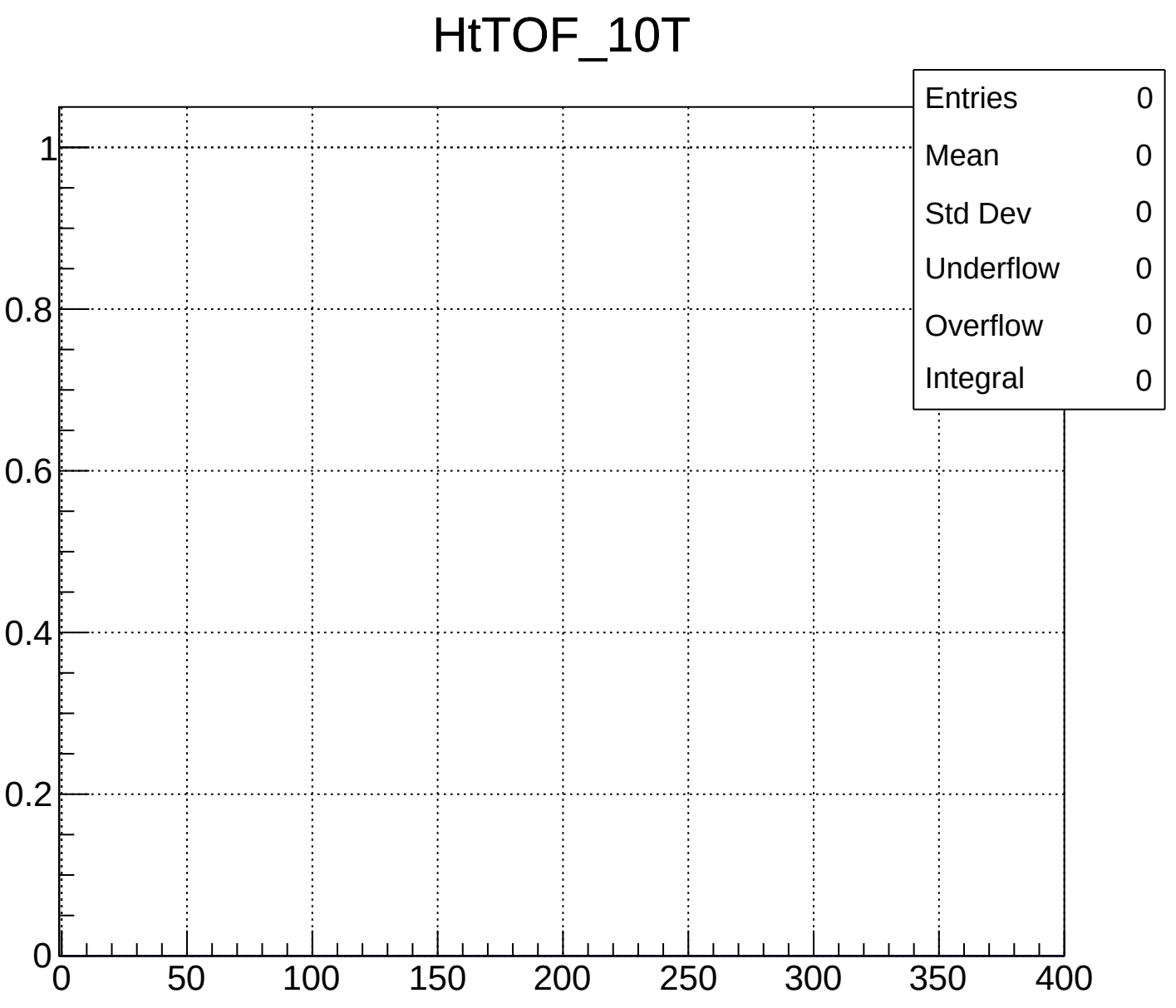

HtTOF_5T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

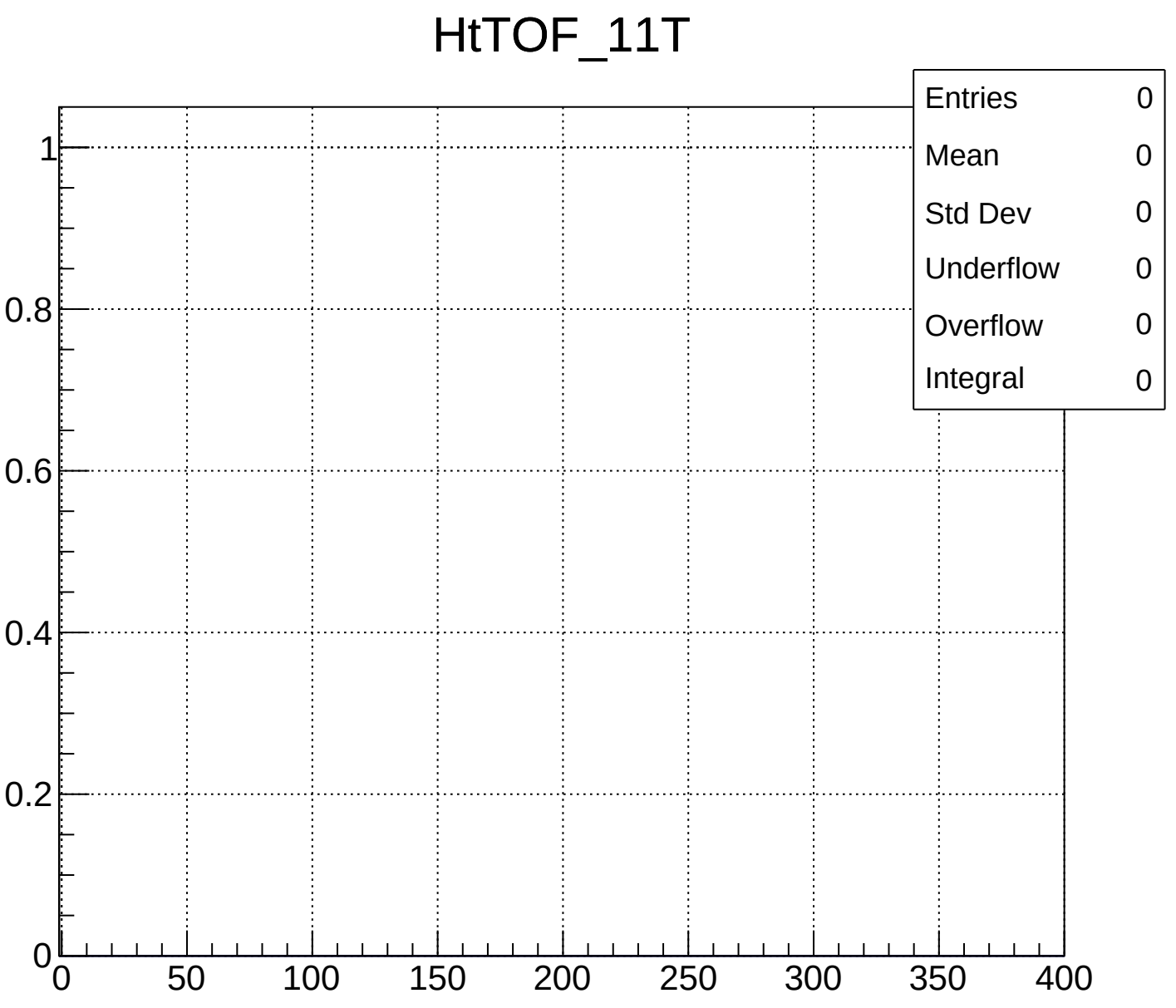

HtTOF_6T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

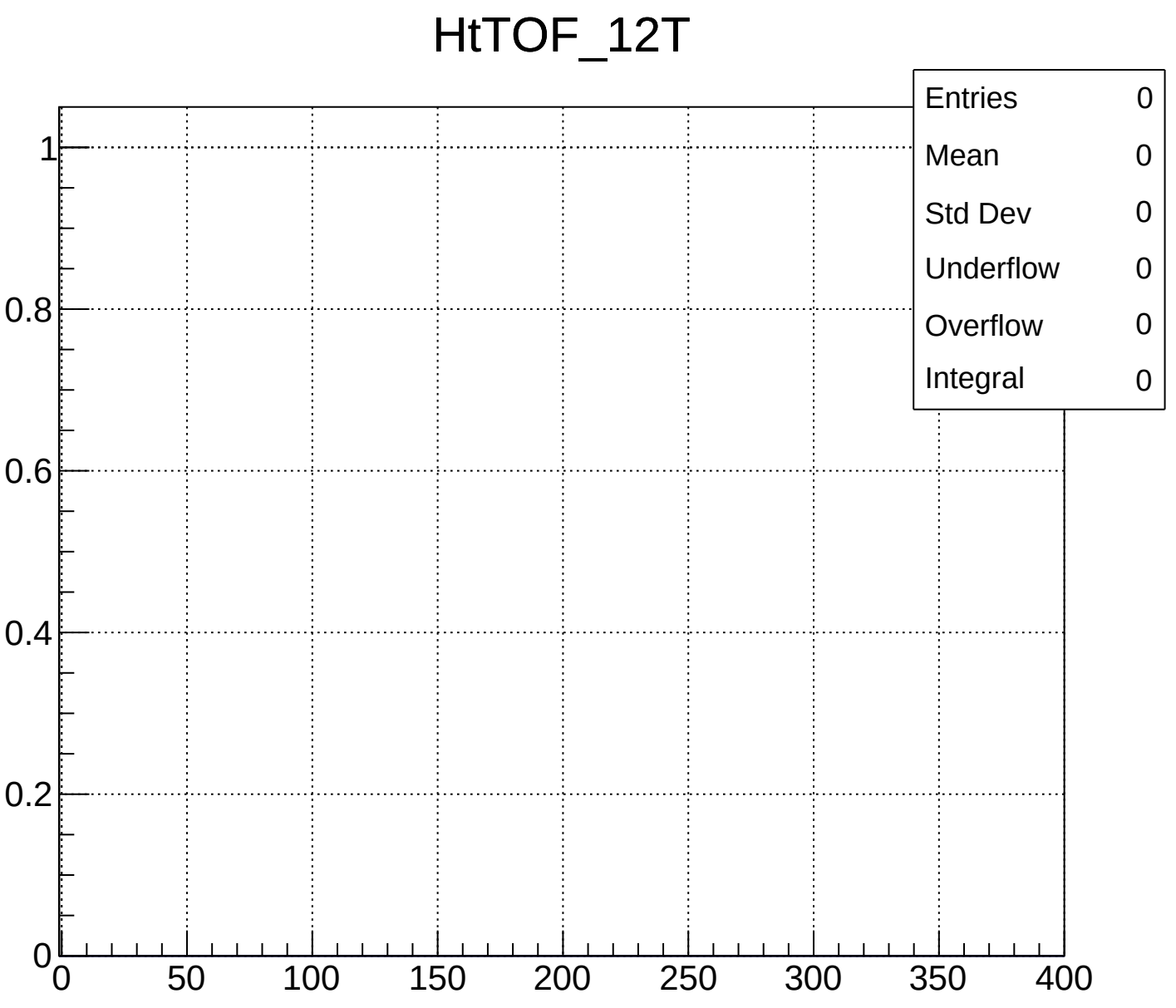

HtTOF_7T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

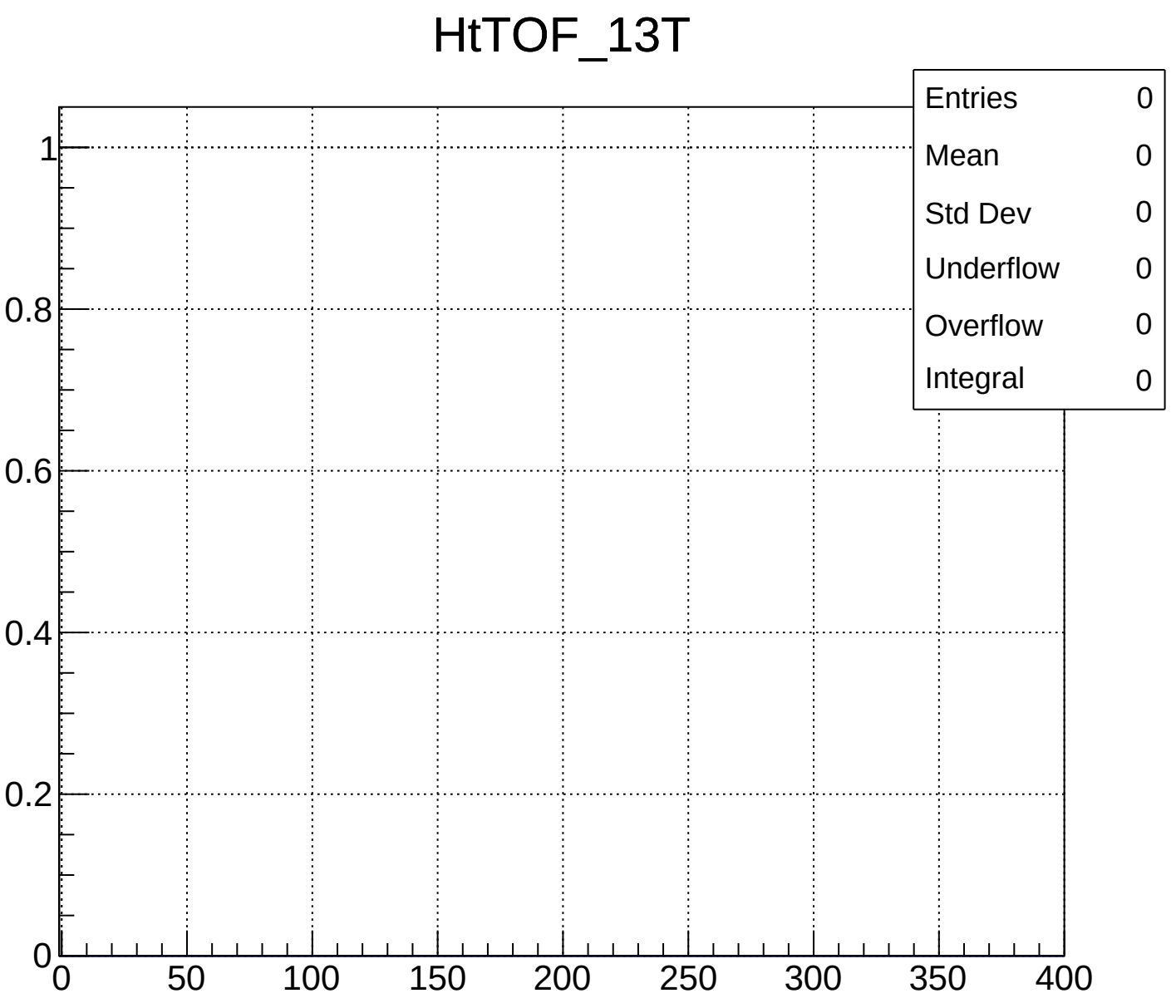

HtTOF_8T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

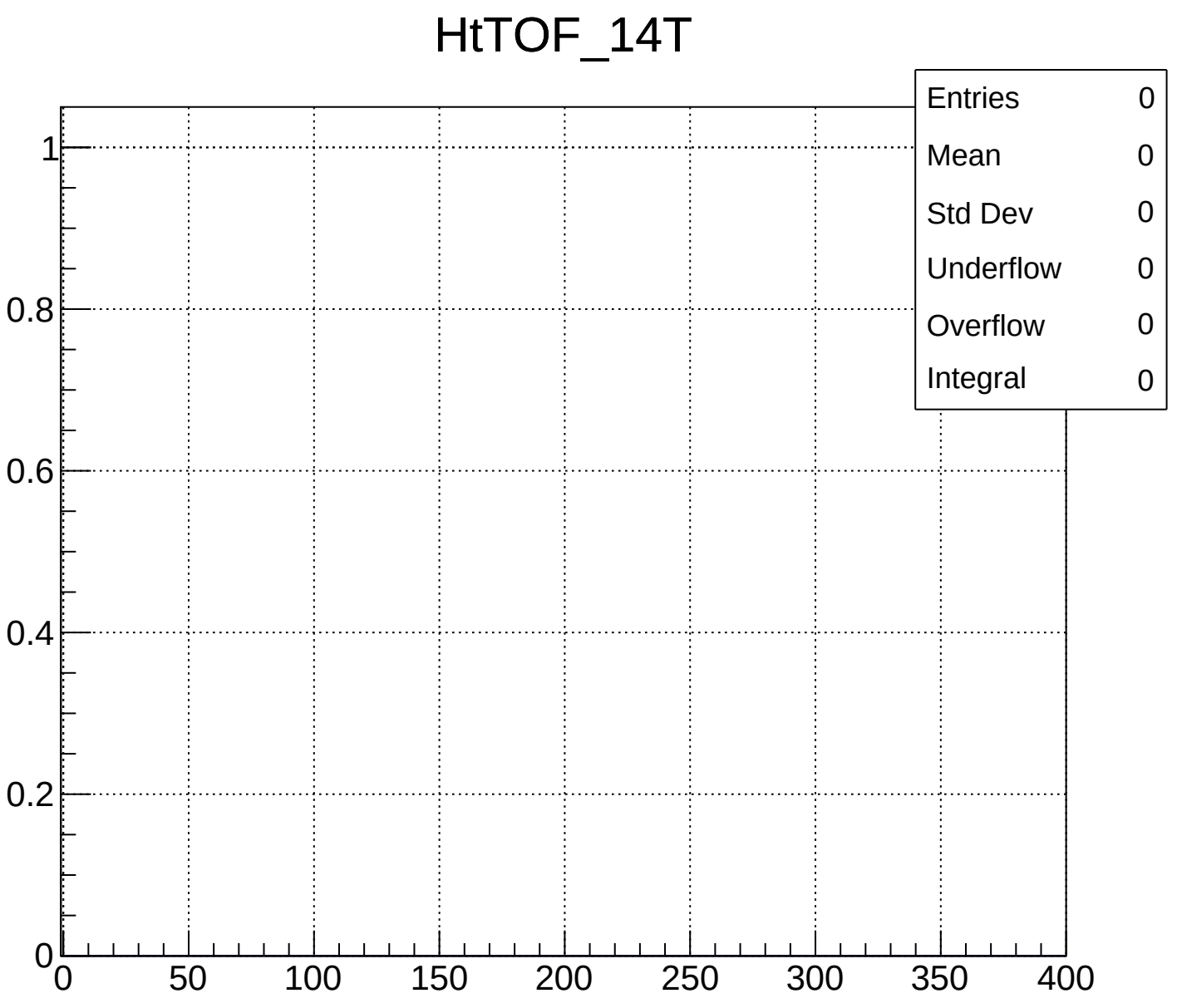

HtTOF_9T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

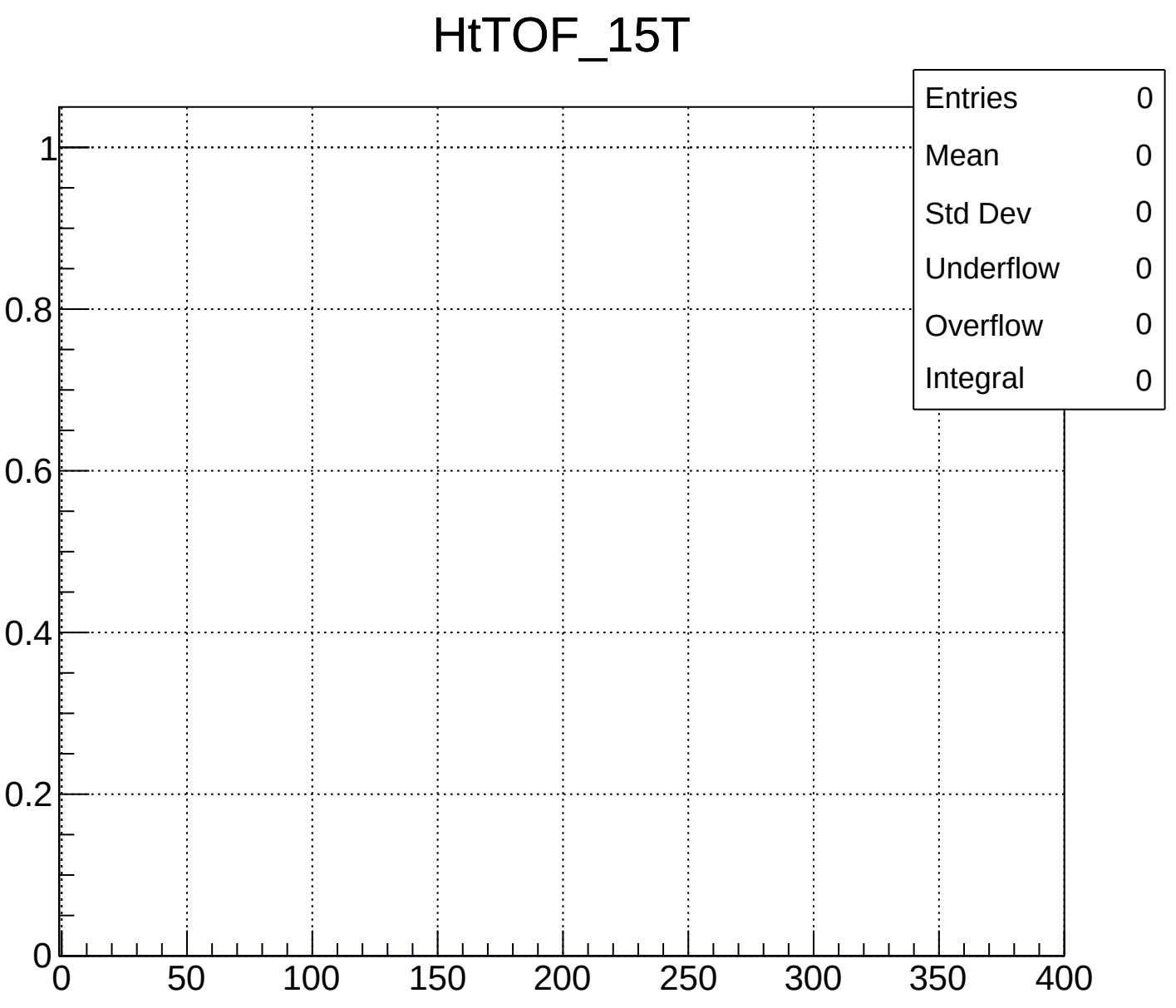

HtTOF_10T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

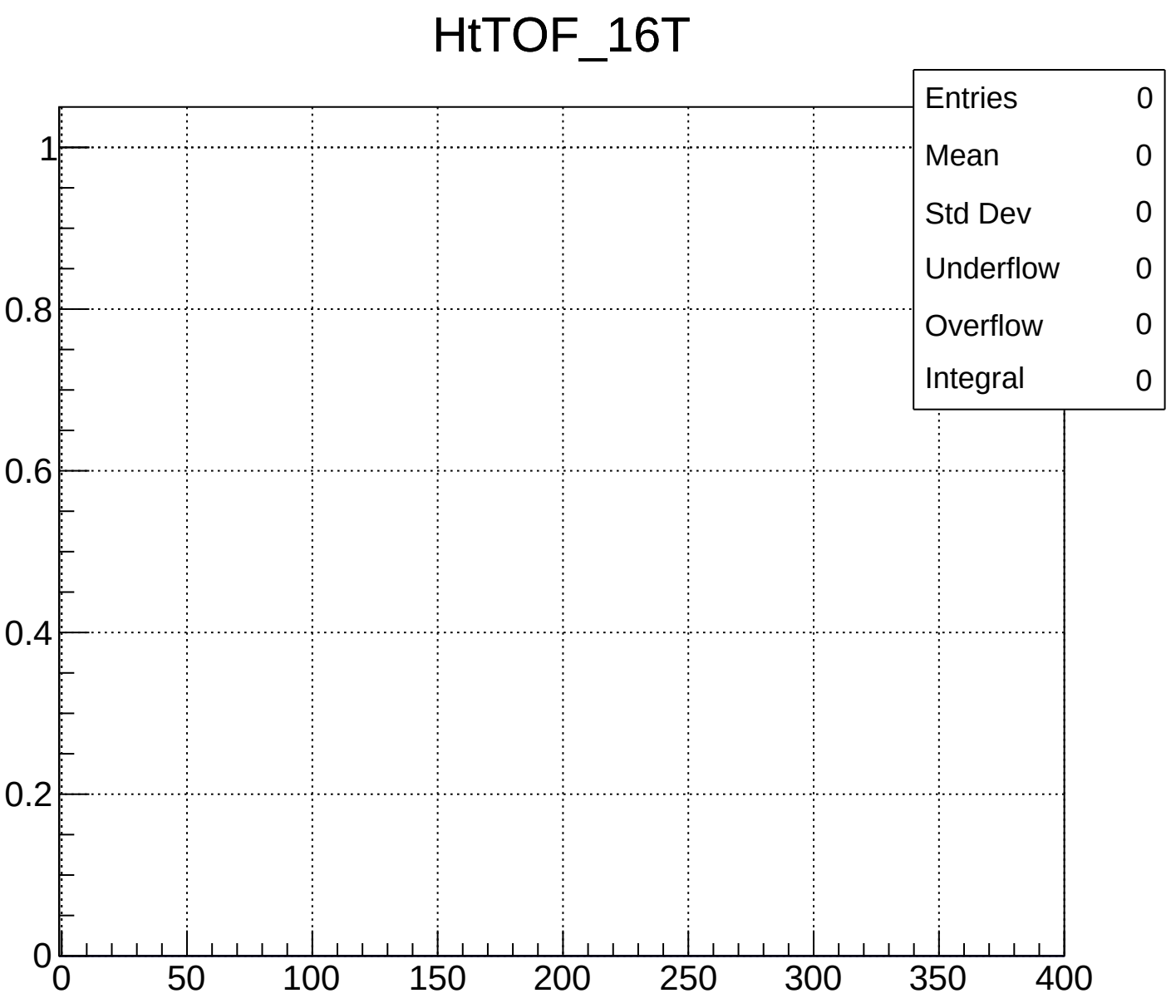

HtTOF_11T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

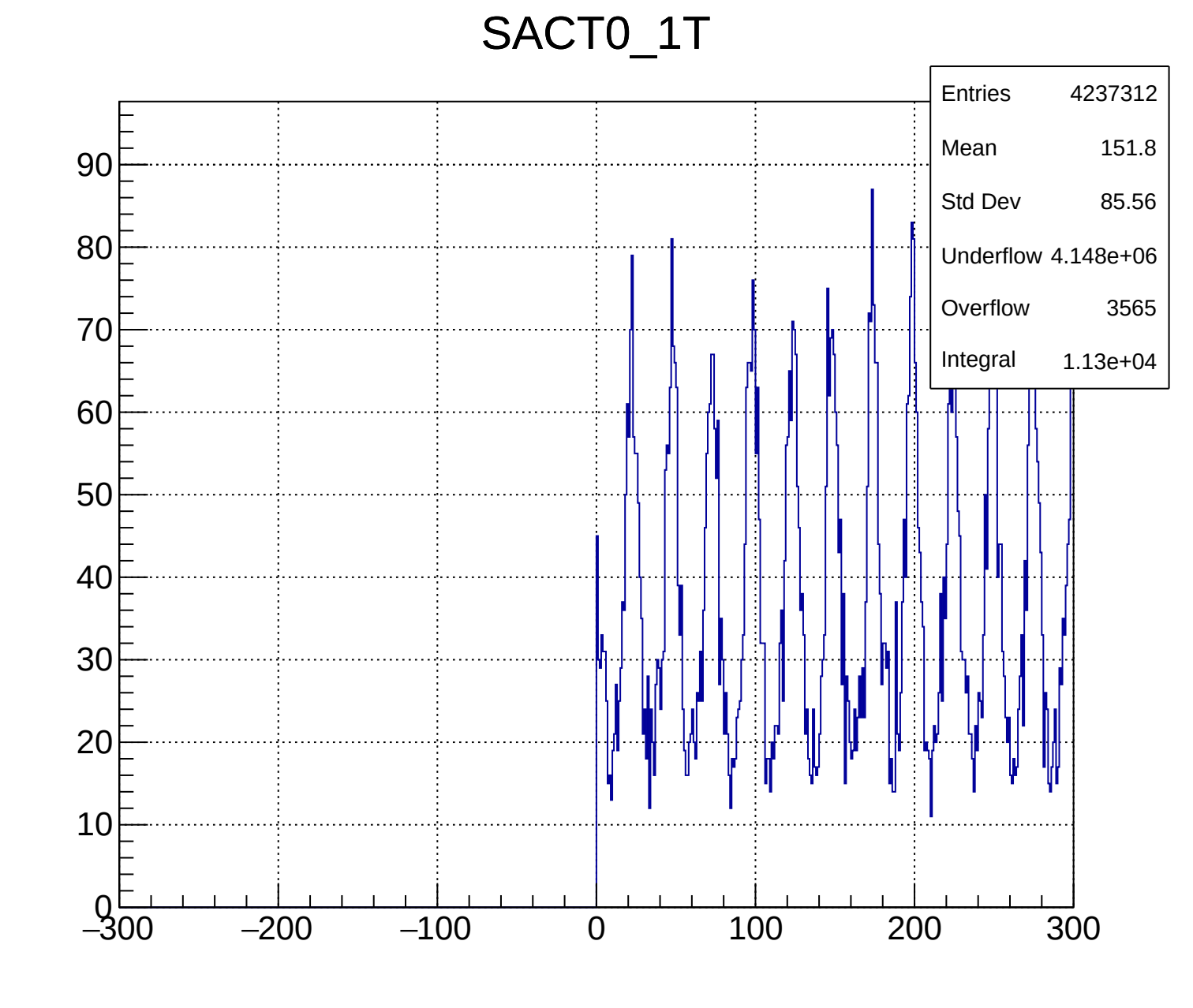

HtTOF_12T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

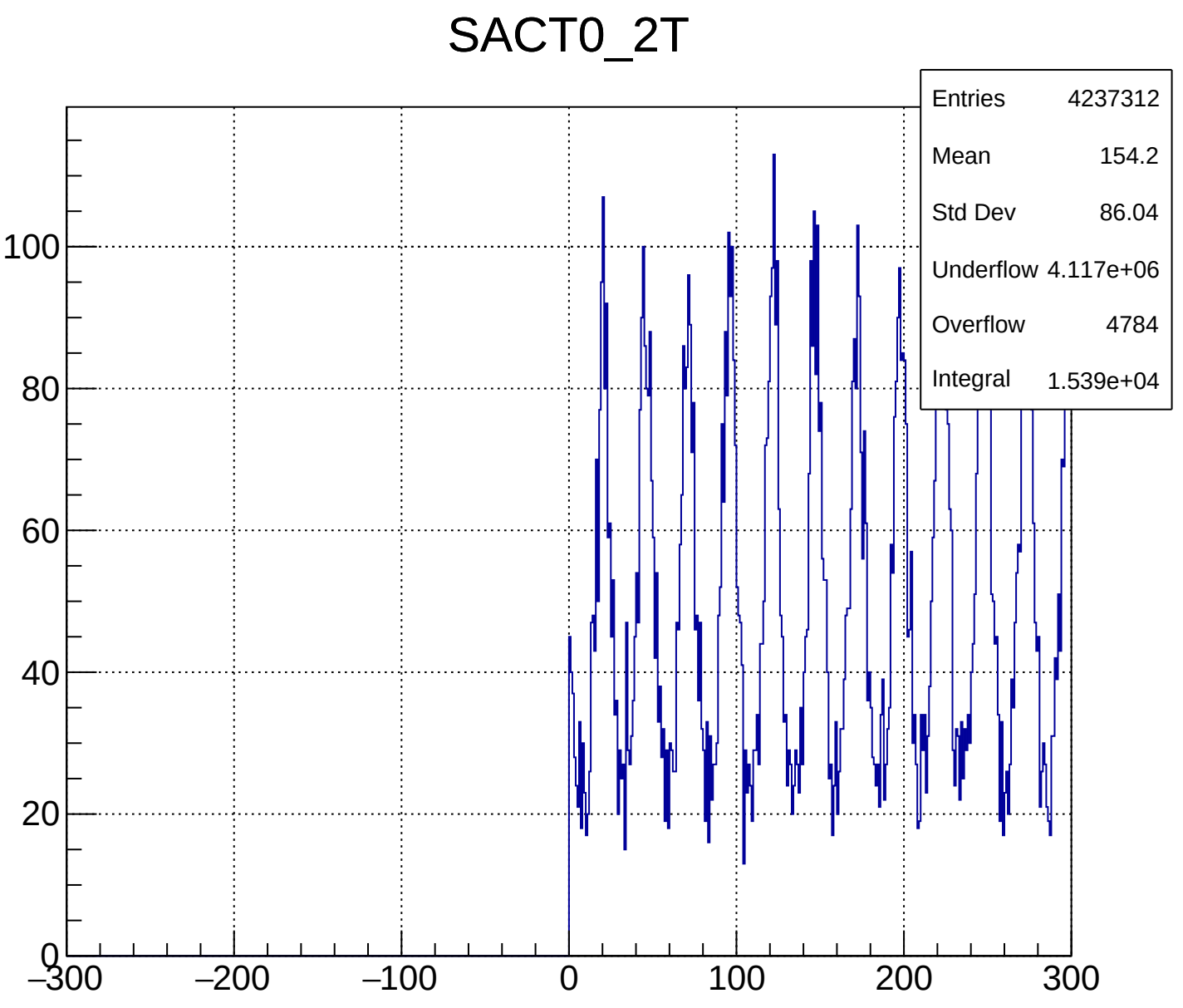

HtTOF_13T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

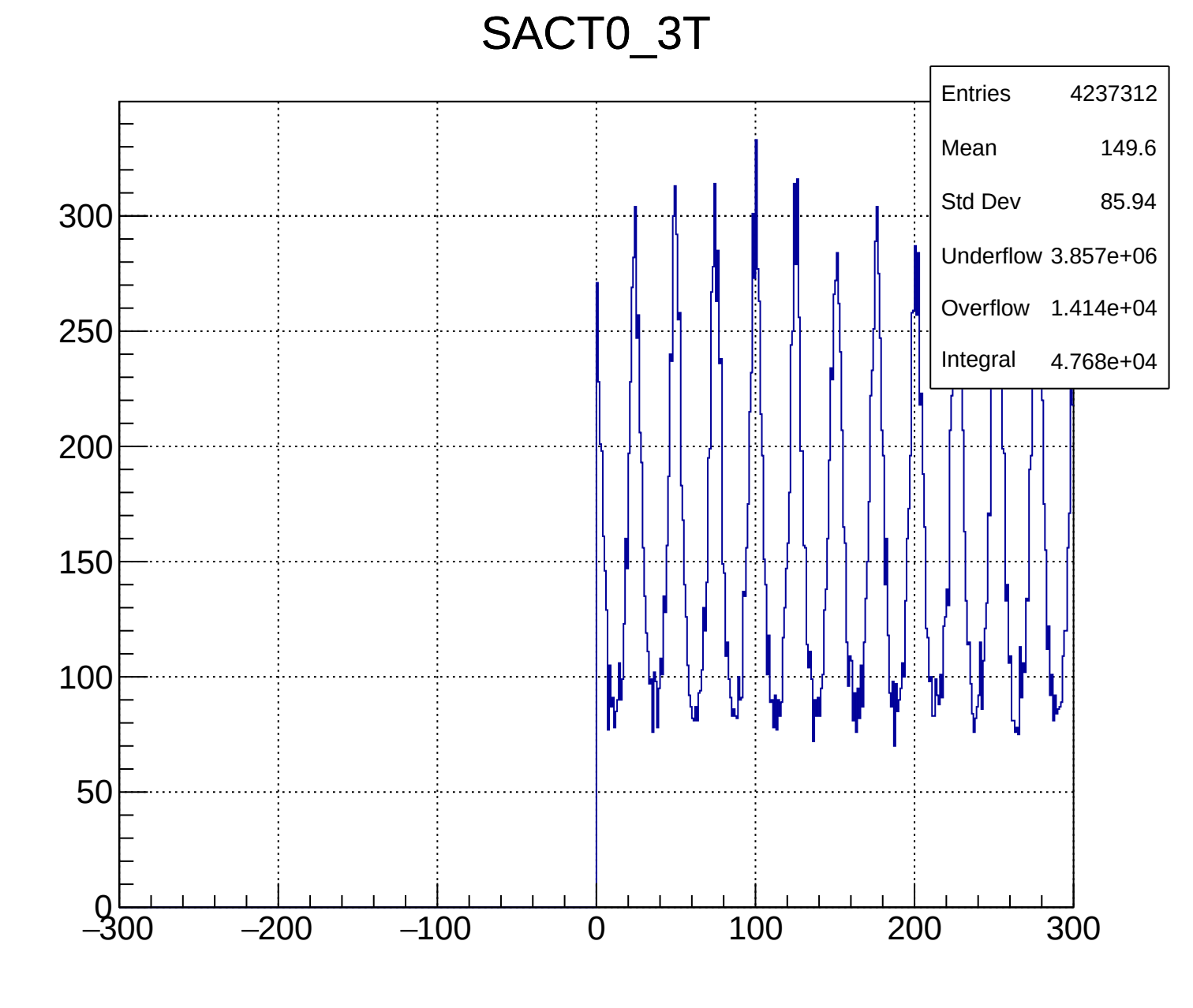

HtTOF_14T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

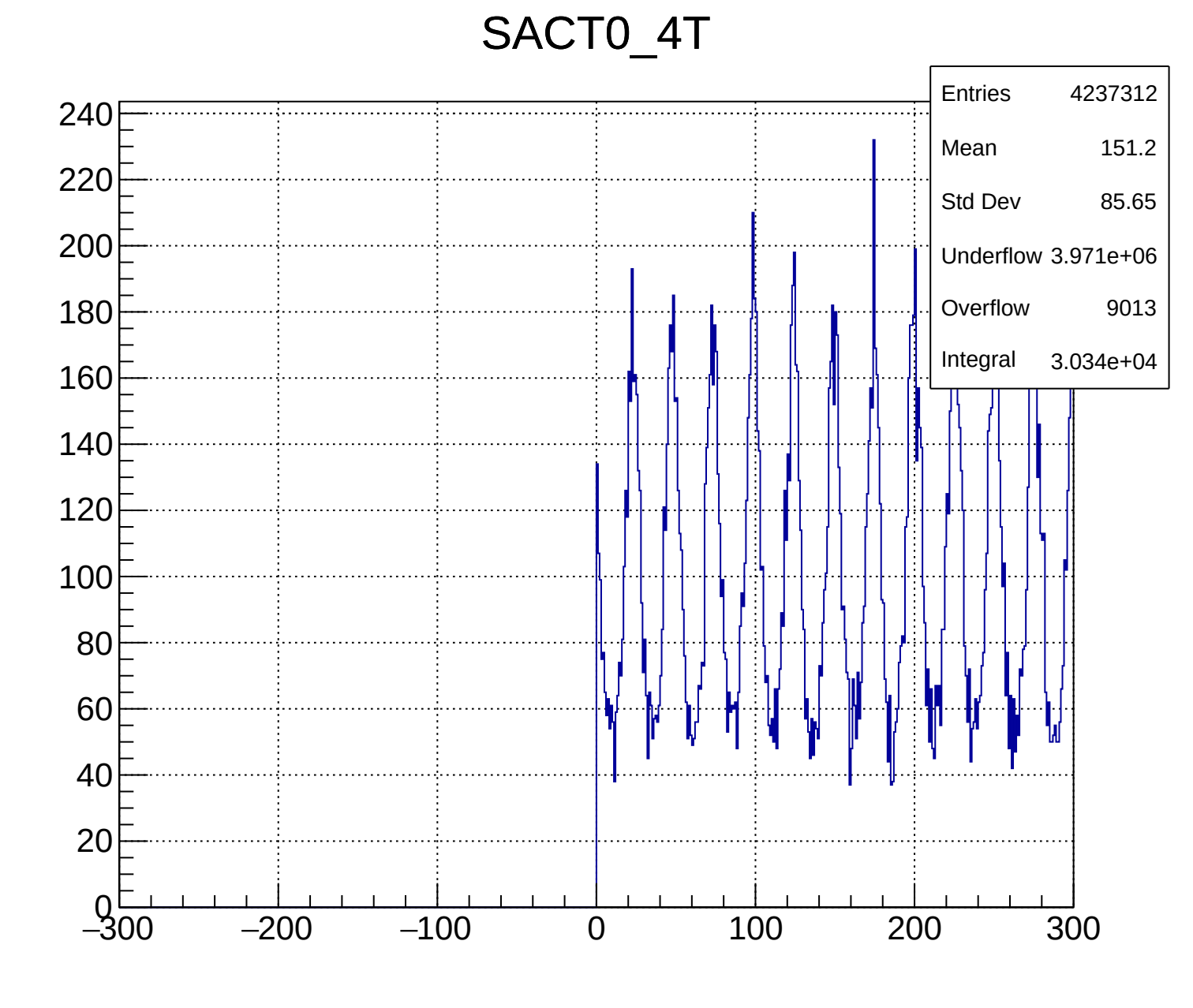

HtTOF_15T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

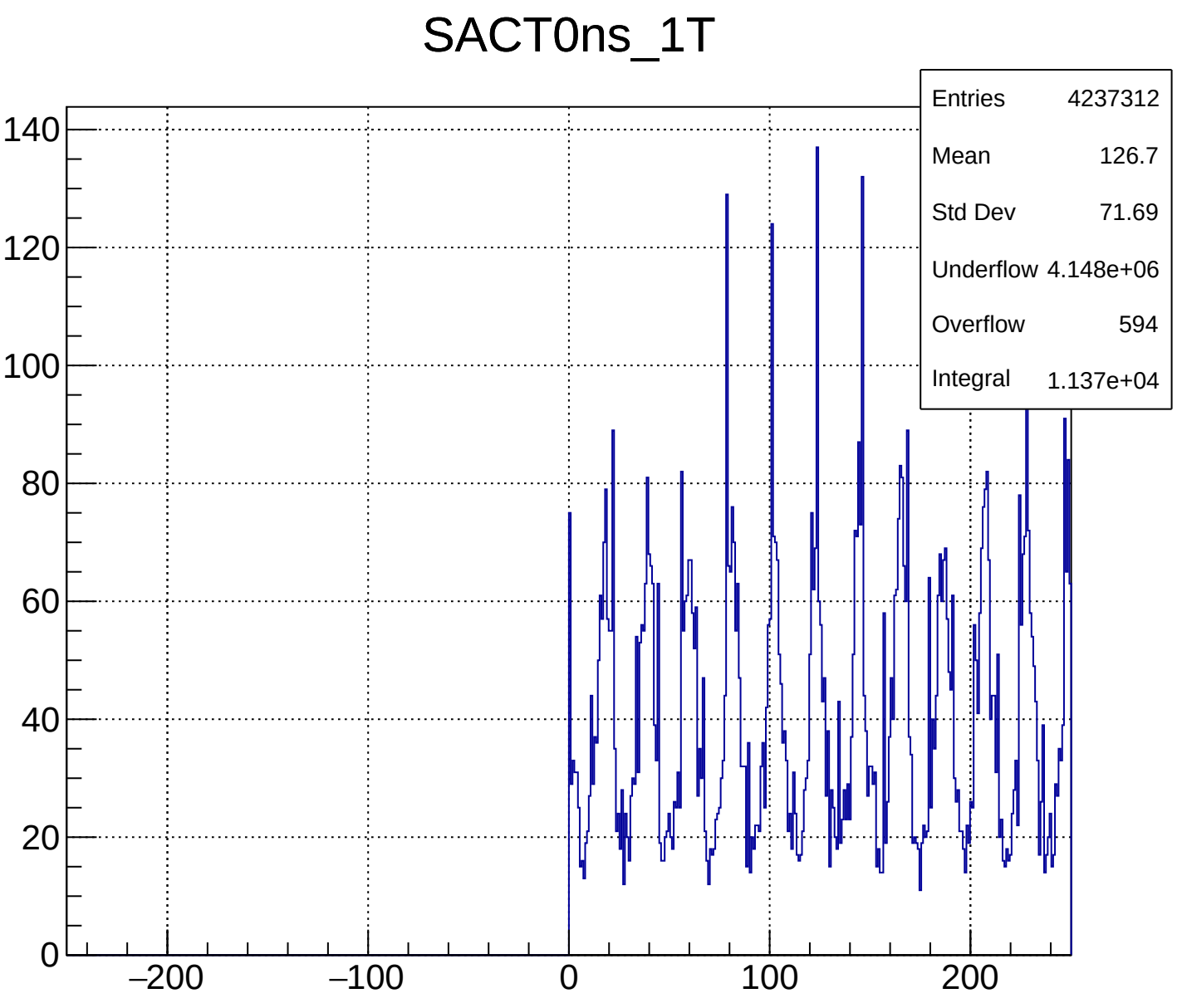

HtTOF_16T
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400

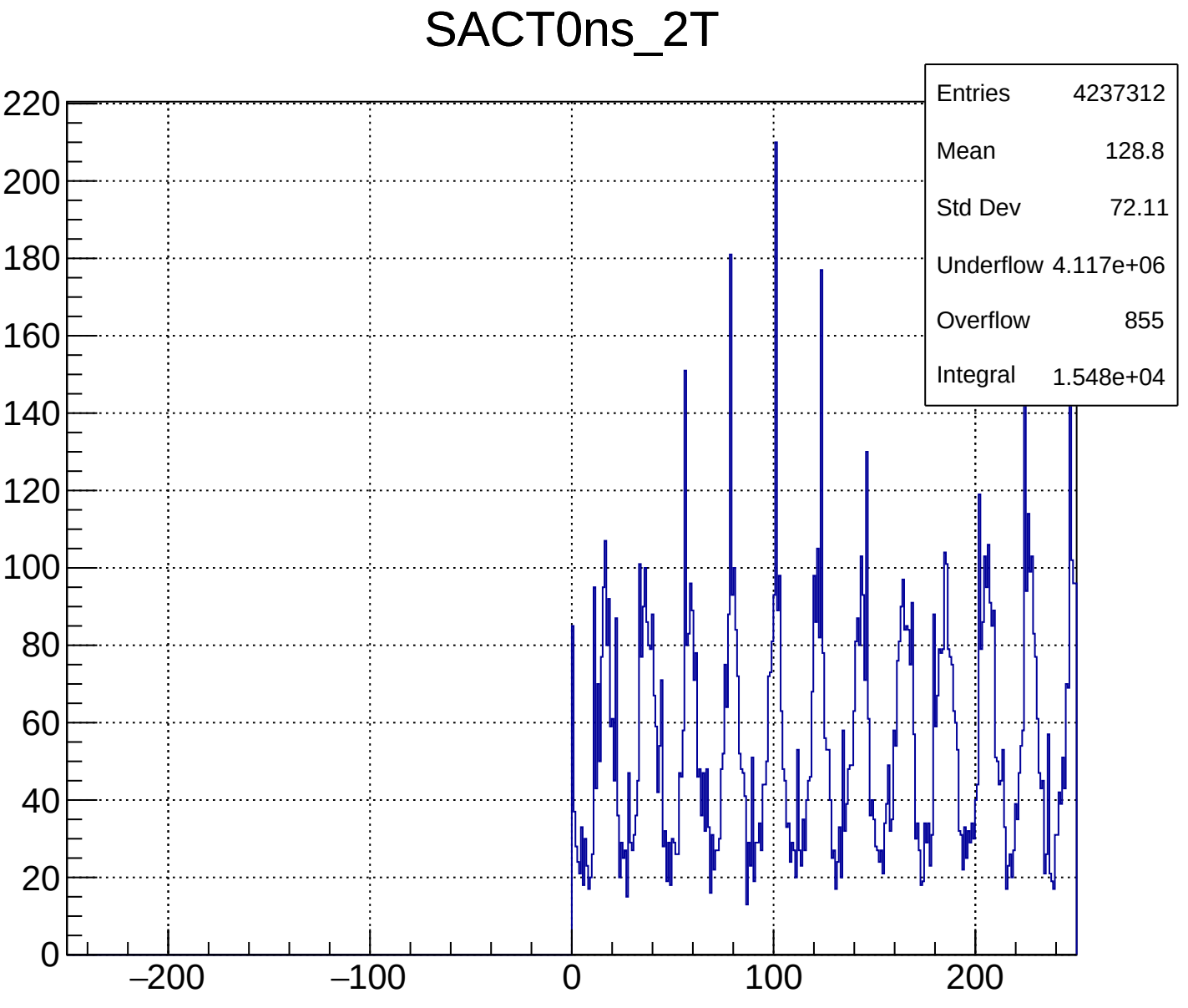

SACT0_1T
Entries 4237312
Mean 151.8
Std Dev 85.56
Underflow 4.148e+06
Overflow 3565
Integral 1.13e+04
90
80
70
60
50
40
30
20
10
0
–300
–200
–100
0
100
200
300

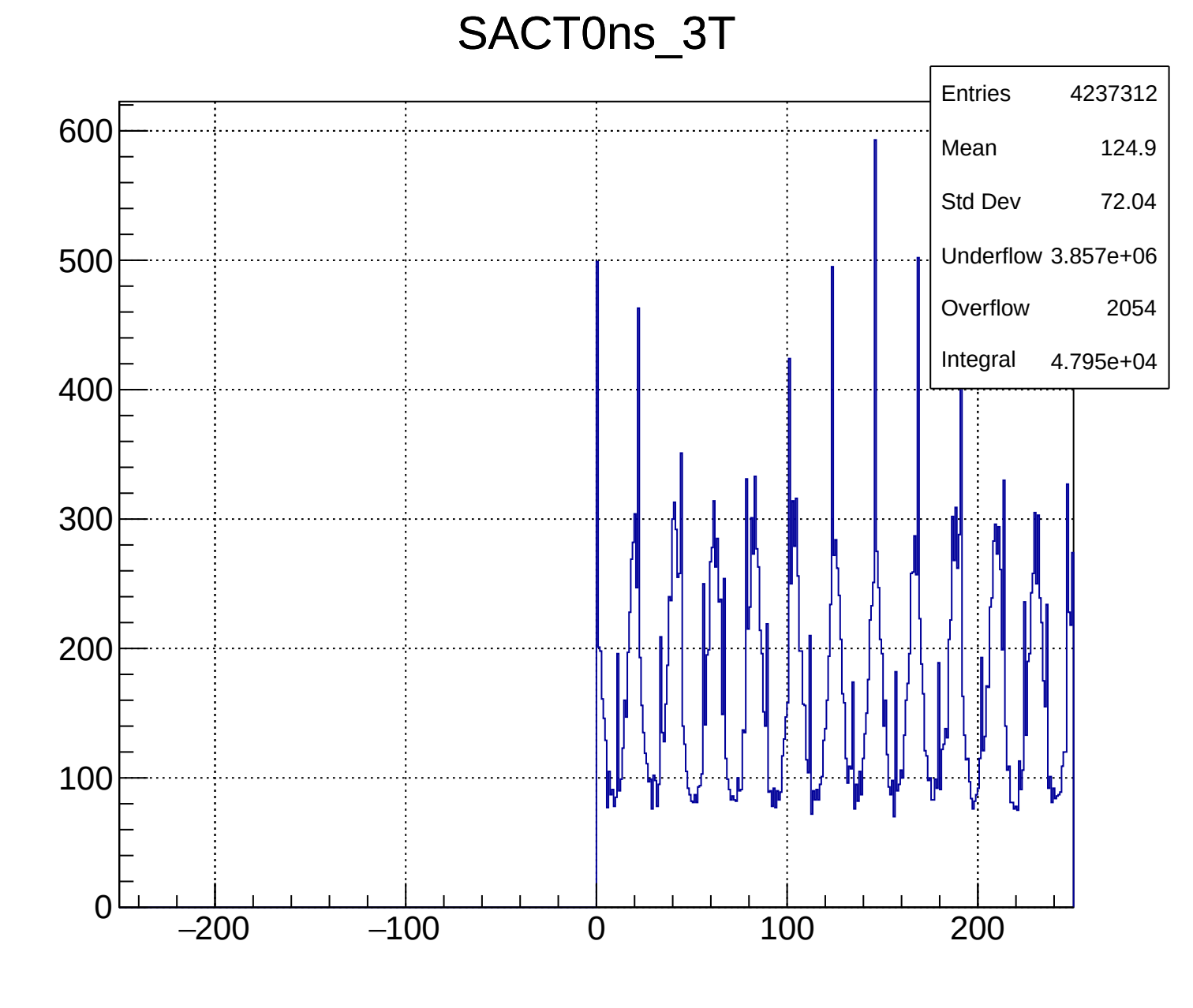

SACT0_2T
Entries 4237312
Mean 154.2
Std Dev 86.04
Underflow 4.117e+06
Overflow 4784
Integral 1.539e+04
100
80
60
40
20
0
–300
–200
–100
0
100
200
300

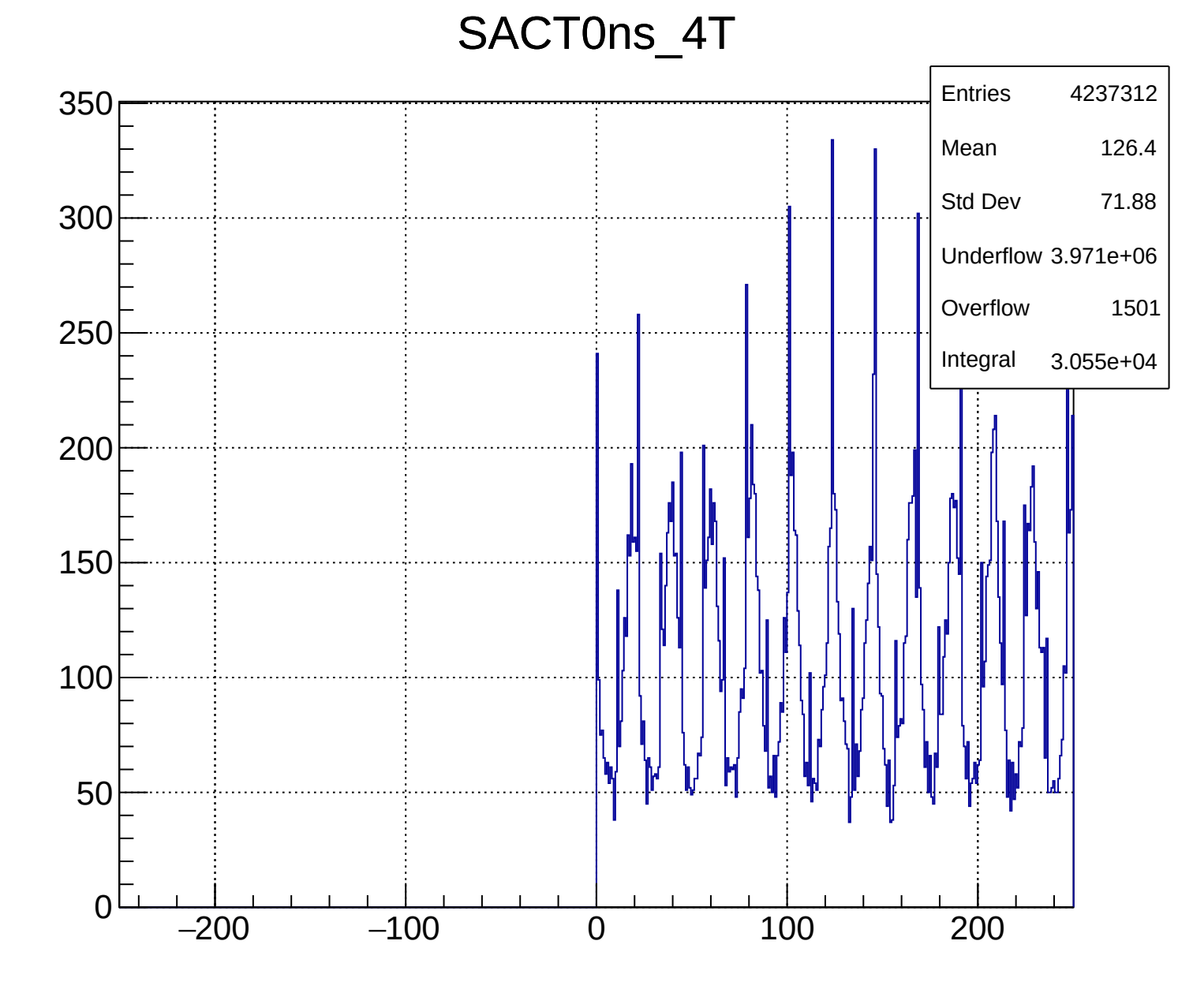

SACT0_3T
Entries 4237312
Mean 149.6
Std Dev 85.94
Underflow 3.857e+06
Overflow 1.414e+04
Integral 4.768e+04
300
250
200
150
100
50
0
–300
–200
–100
0
100
200
300

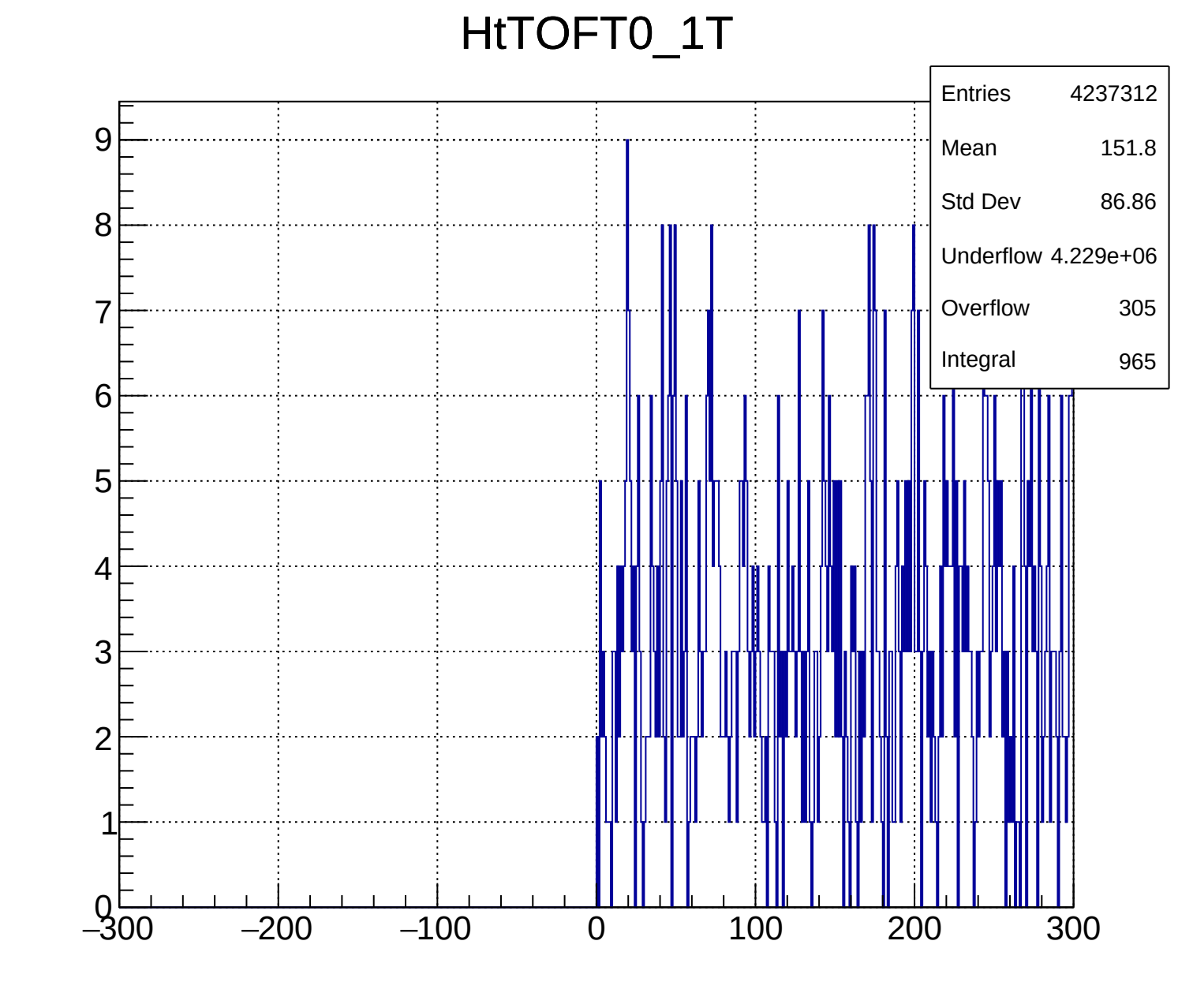

SACT0_4T
Entries 4237312
Mean 151.2
Std Dev 85.65
Underflow 3.971e+06
Overflow 9013
Integral 3.034e+04
240
220
200
180
160
140
120
100
80
60
40
20
0
–300
–200
–100
0
100
200
300

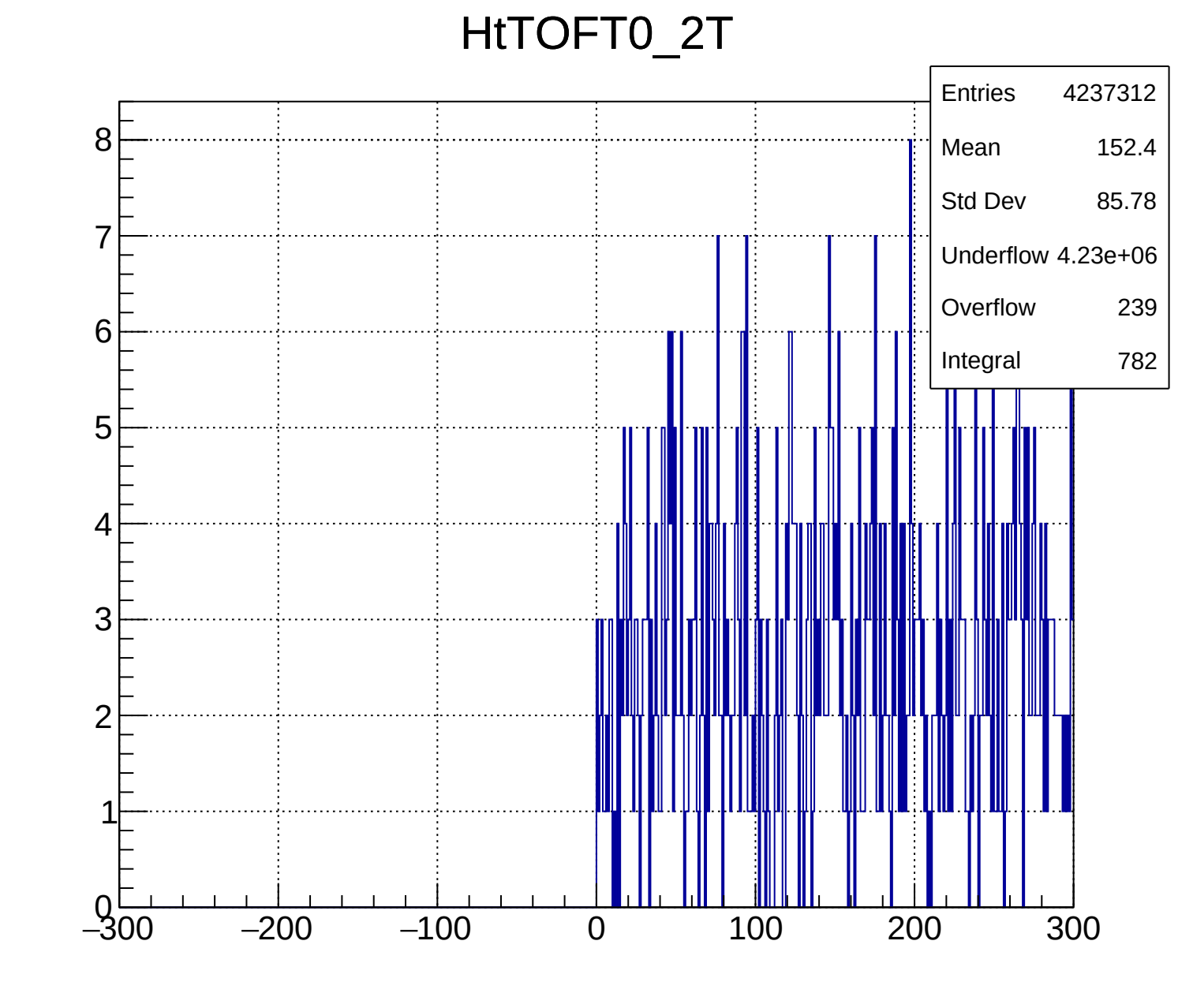

SACT0ns_1T
Entries 4237312
Mean 126.7
Std Dev 71.69
Underflow 4.148e+06
Overflow 594
Integral 1.137e+04
140
120
100
80
60
40
20
0
–200
–100
0
100
200

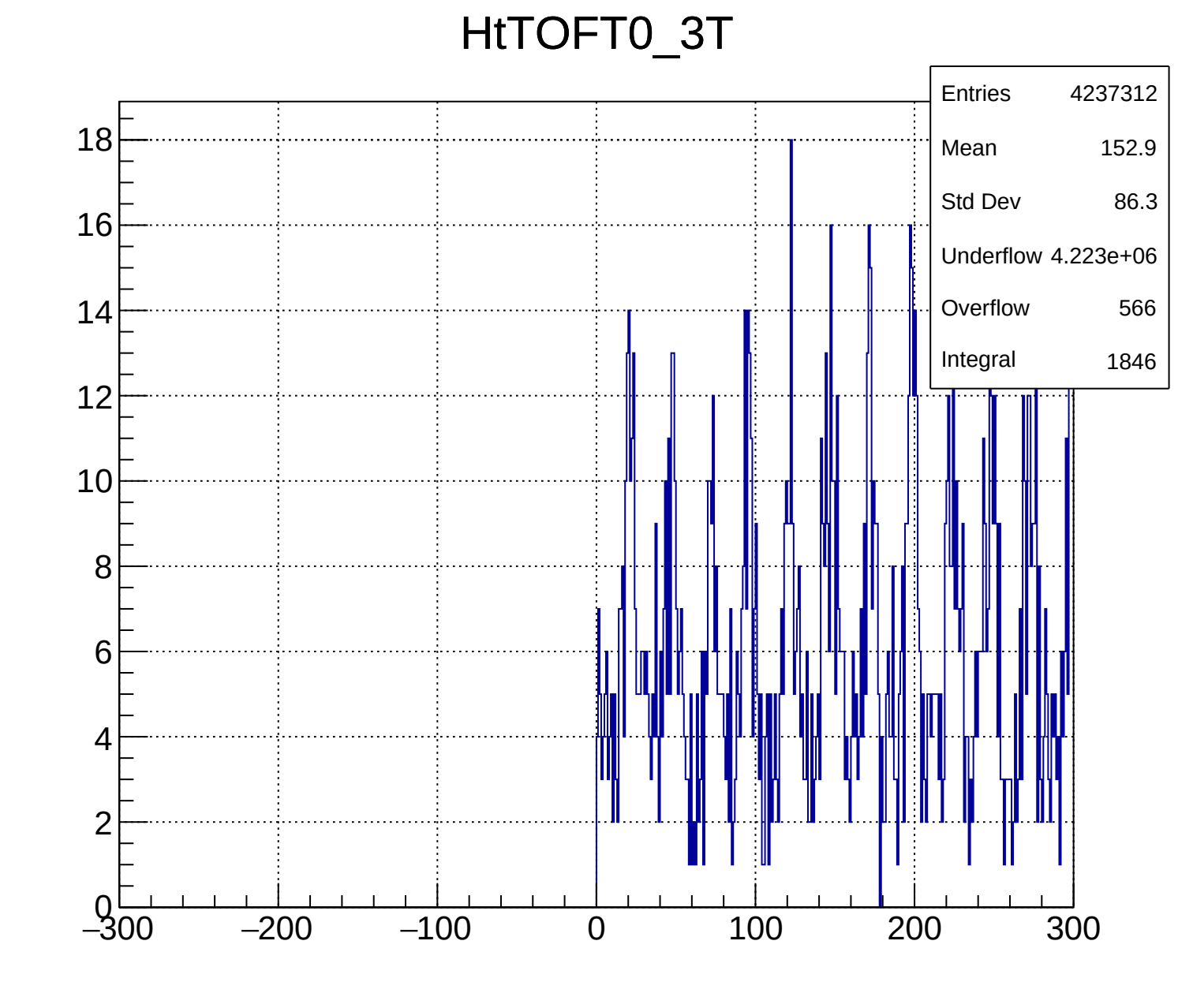

SACT0ns_2T
Entries 4237312
Mean 128.8
Std Dev 72.11
Underflow 4.117e+06
Overflow 855
Integral 1.548e+04
220
200
180
160
140
120
100
80
60
40
20
0
–200
–100
0
100
200

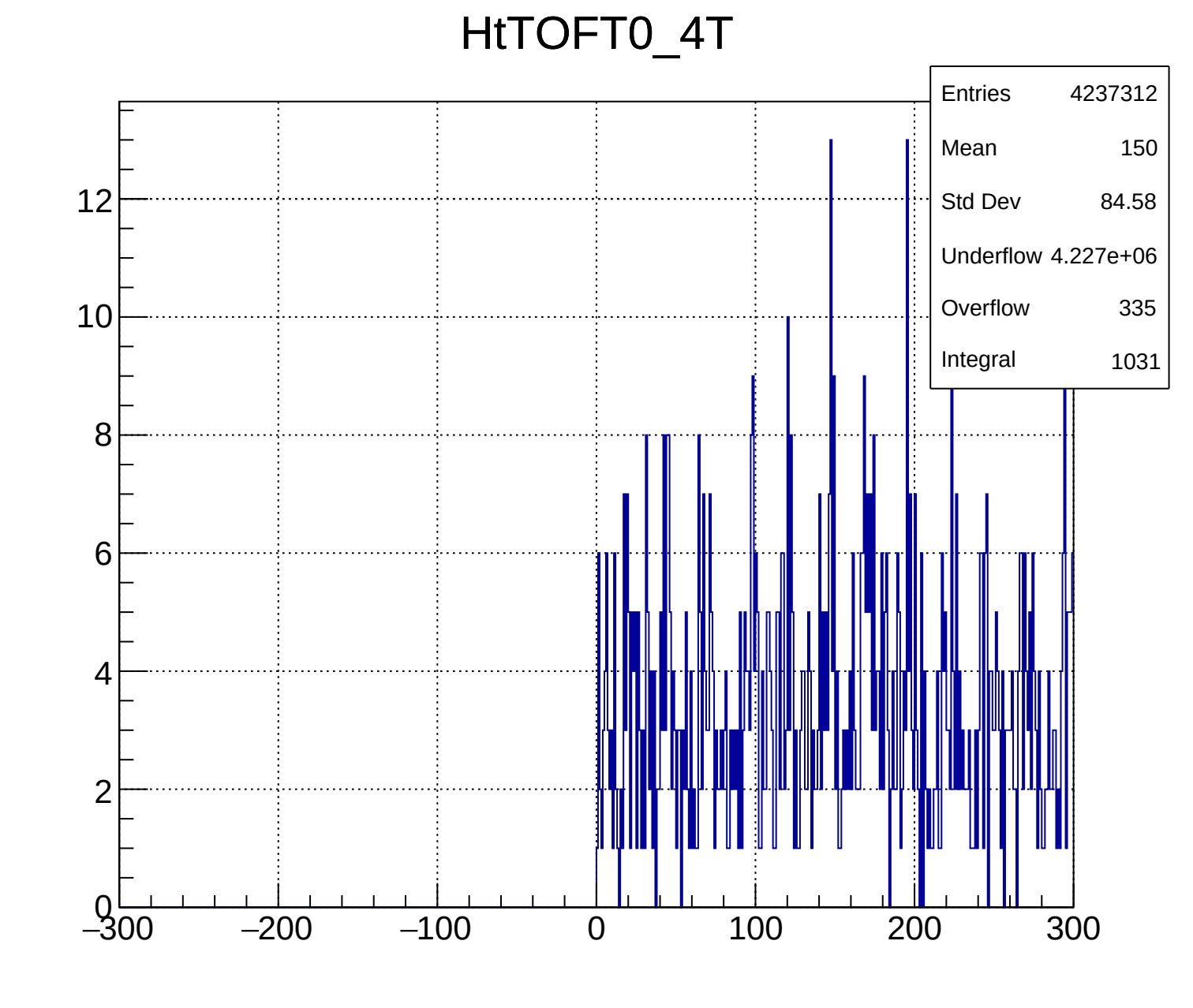

SACT0ns_3T
Entries 4237312
Mean 124.9
Std Dev 72.04
Underflow 3.857e+06
Overflow 2054
Integral 4.795e+04
600
500
400
300
200
100
0
–200
–100
0
100
200

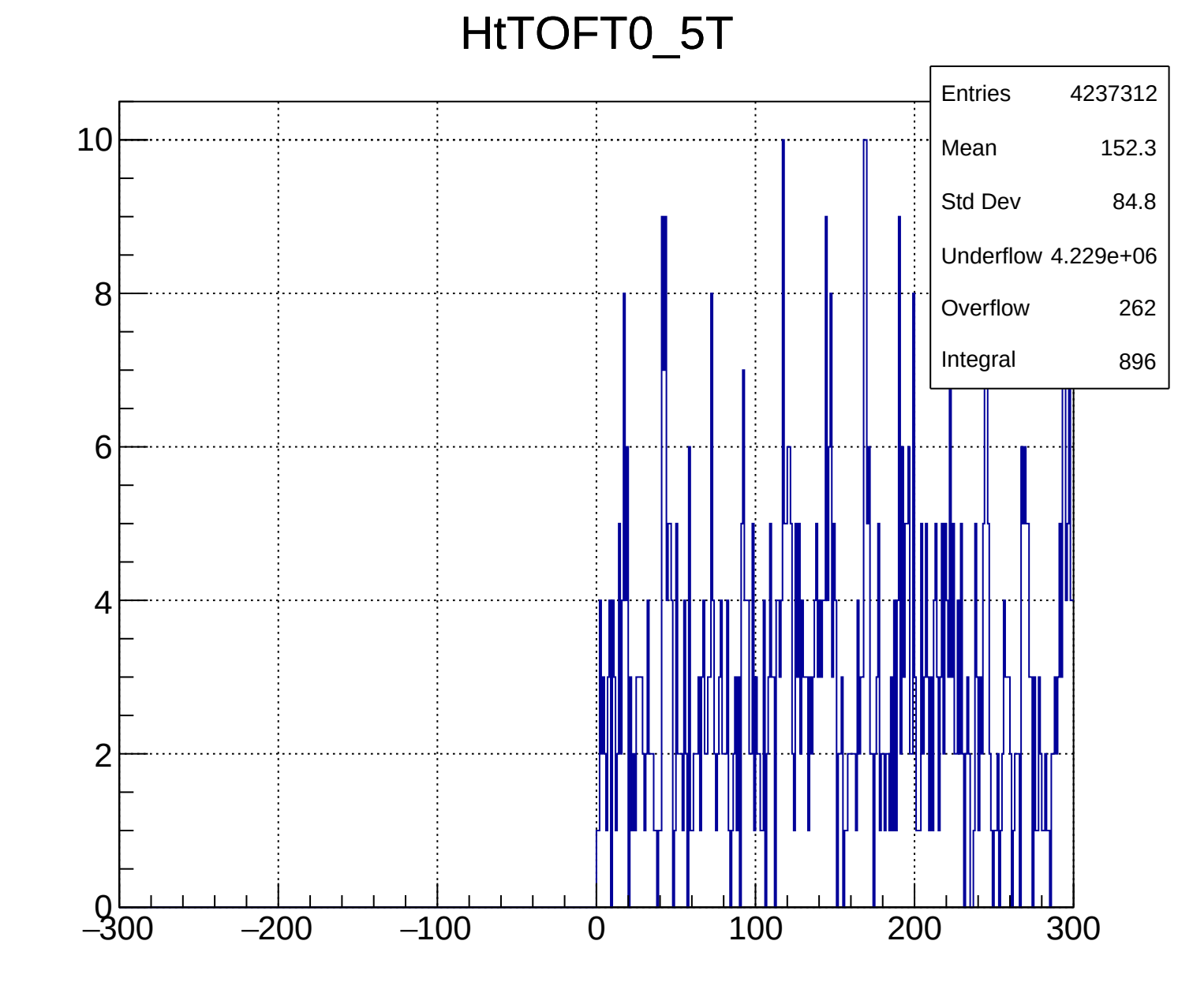

SACT0ns_4T
Entries 4237312
Mean 126.4
Std Dev 71.88
Underflow 3.971e+06
Overflow 1501
Integral 3.055e+04
350
300
250
200
150
100
50
0
–200
–100
0
100
200

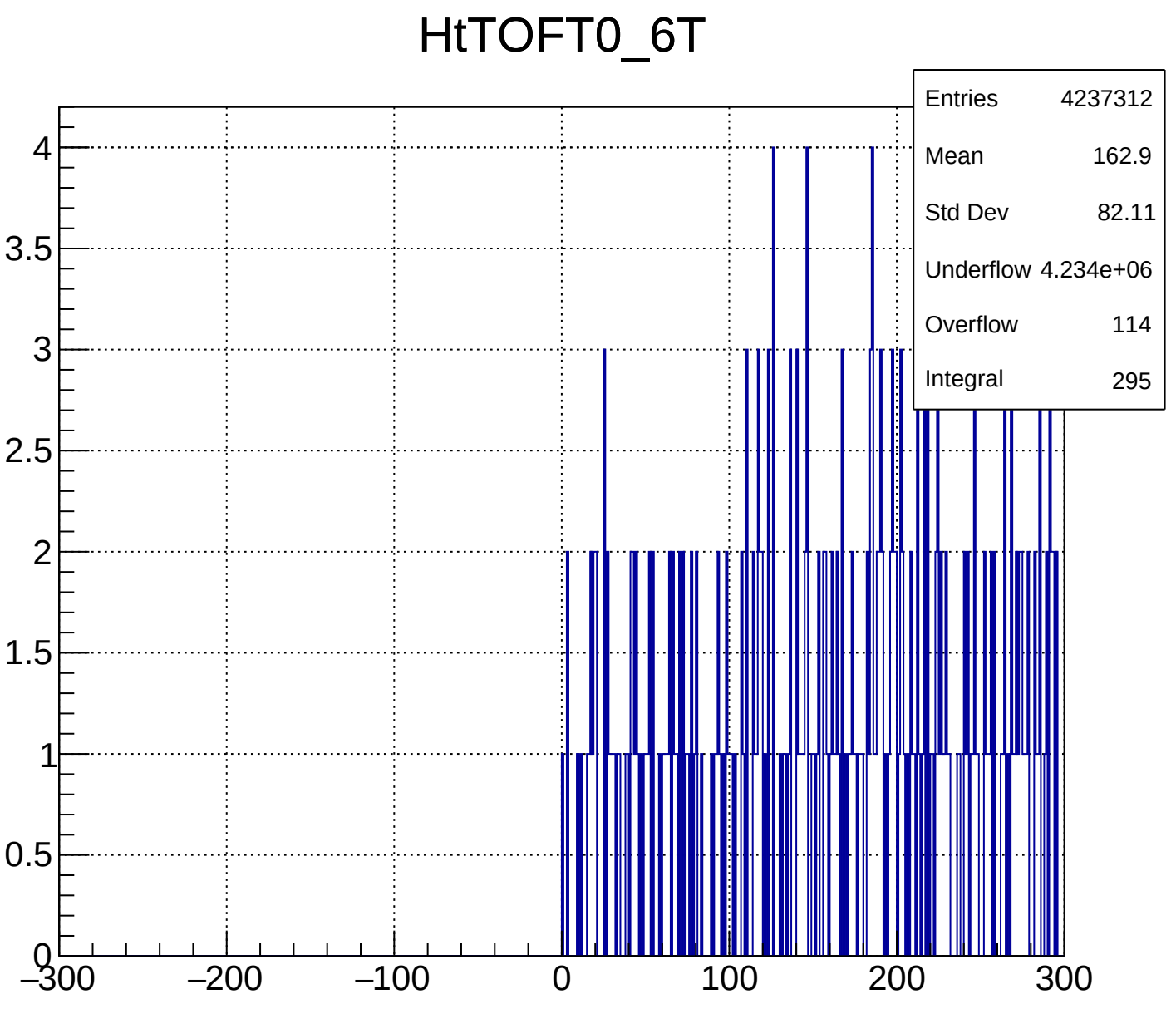

HtTOFT0_1T
Entries 4237312
Mean 151.8
Std Dev 86.86
Underflow 4.229e+06
Overflow 305
Integral 965
9
8
7
6
5
4
3
2
1
0
–300
–200
–100
0
100
200
300

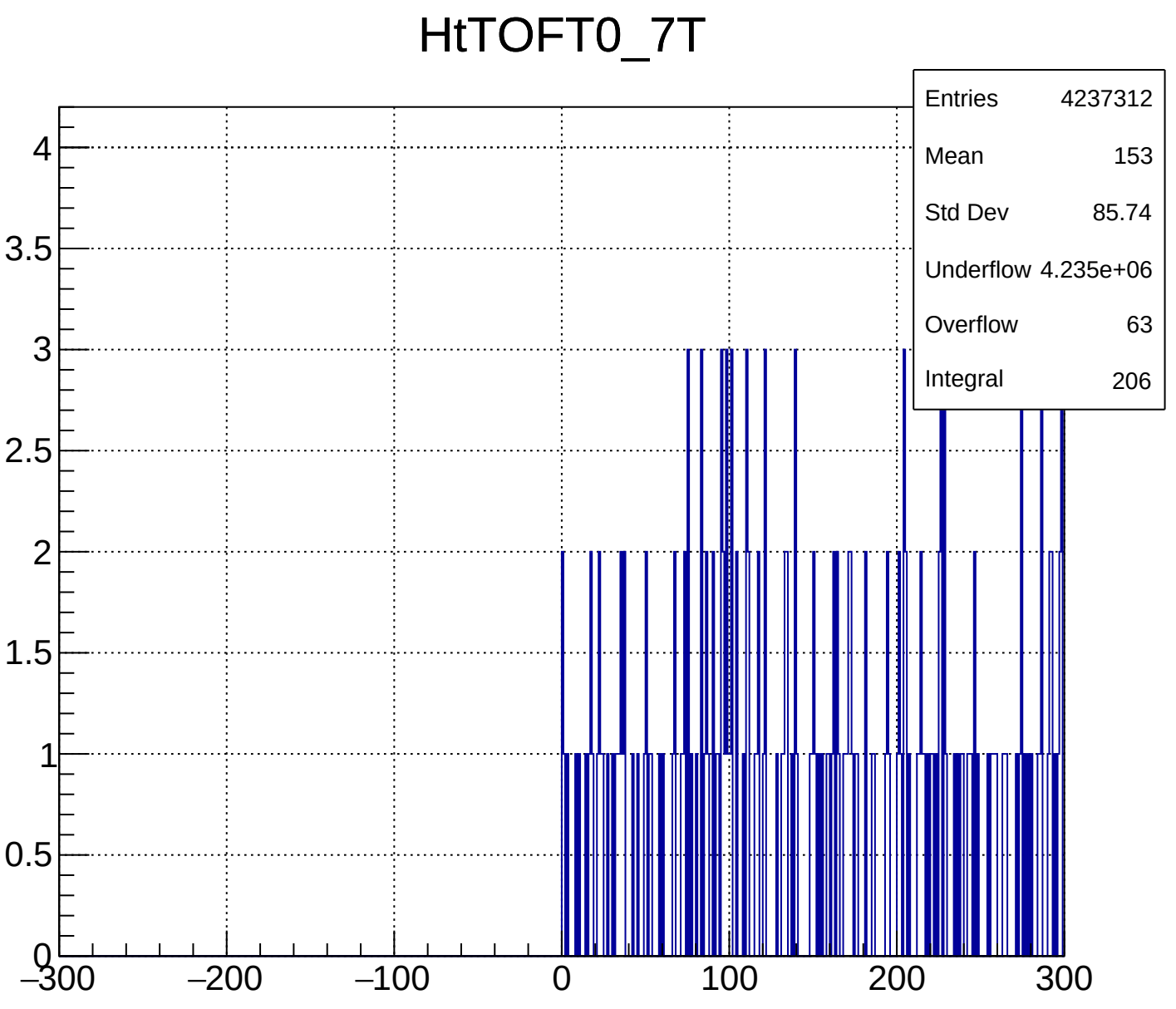

HtTOFT0_2T
Entries 4237312
Mean 152.4
Std Dev 85.78
Underflow 4.23e+06
Overflow 239
Integral 782
8
7
6
5
4
3
2
1
0
–300
–200
–100
0
100
200
300

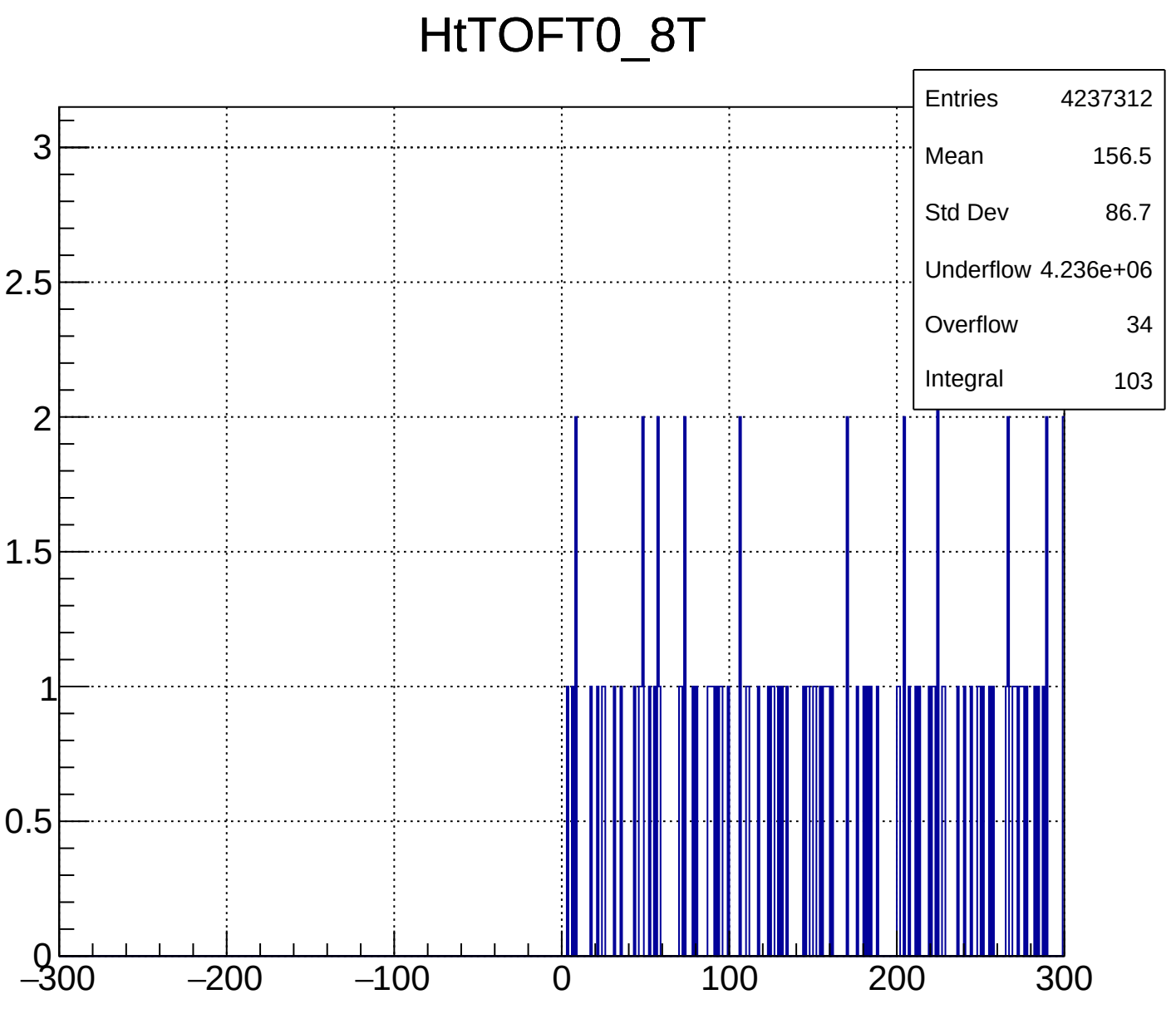

HtTOFT0_3T
Entries 4237312
Mean 152.9
Std Dev 86.3
Underflow 4.223e+06
Overflow 566
Integral 1846
18
16
14
12
10
8
6
4
2
0
–300
–200
–100
0
100
200
300

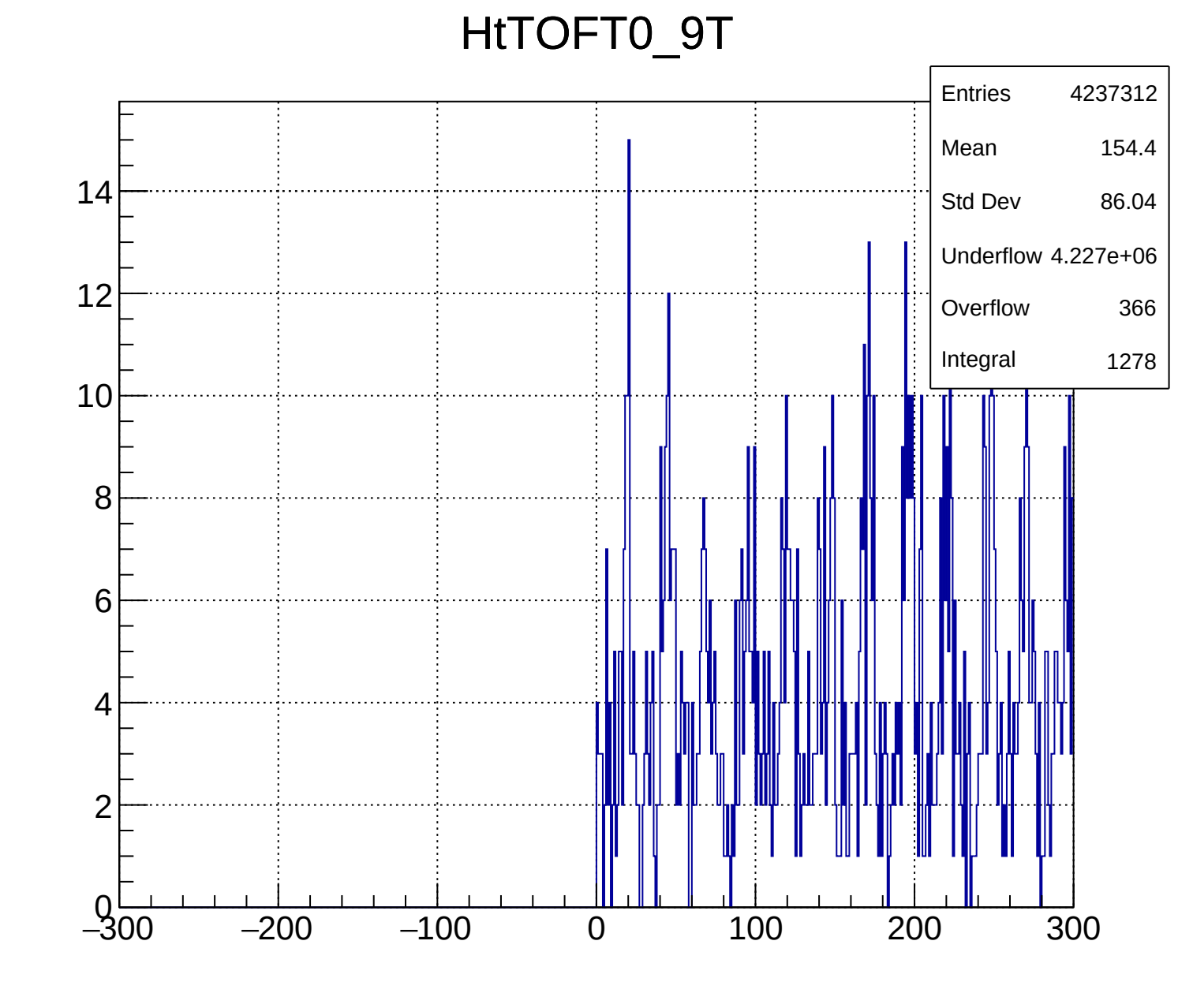

HtTOFT0_4T
Entries 4237312
Mean 150
Std Dev 84.58
Underflow 4.227e+06
Overflow 335
Integral 1031
0
2
4
6
8
10
12
–300
–200
–100
0
100
200
300

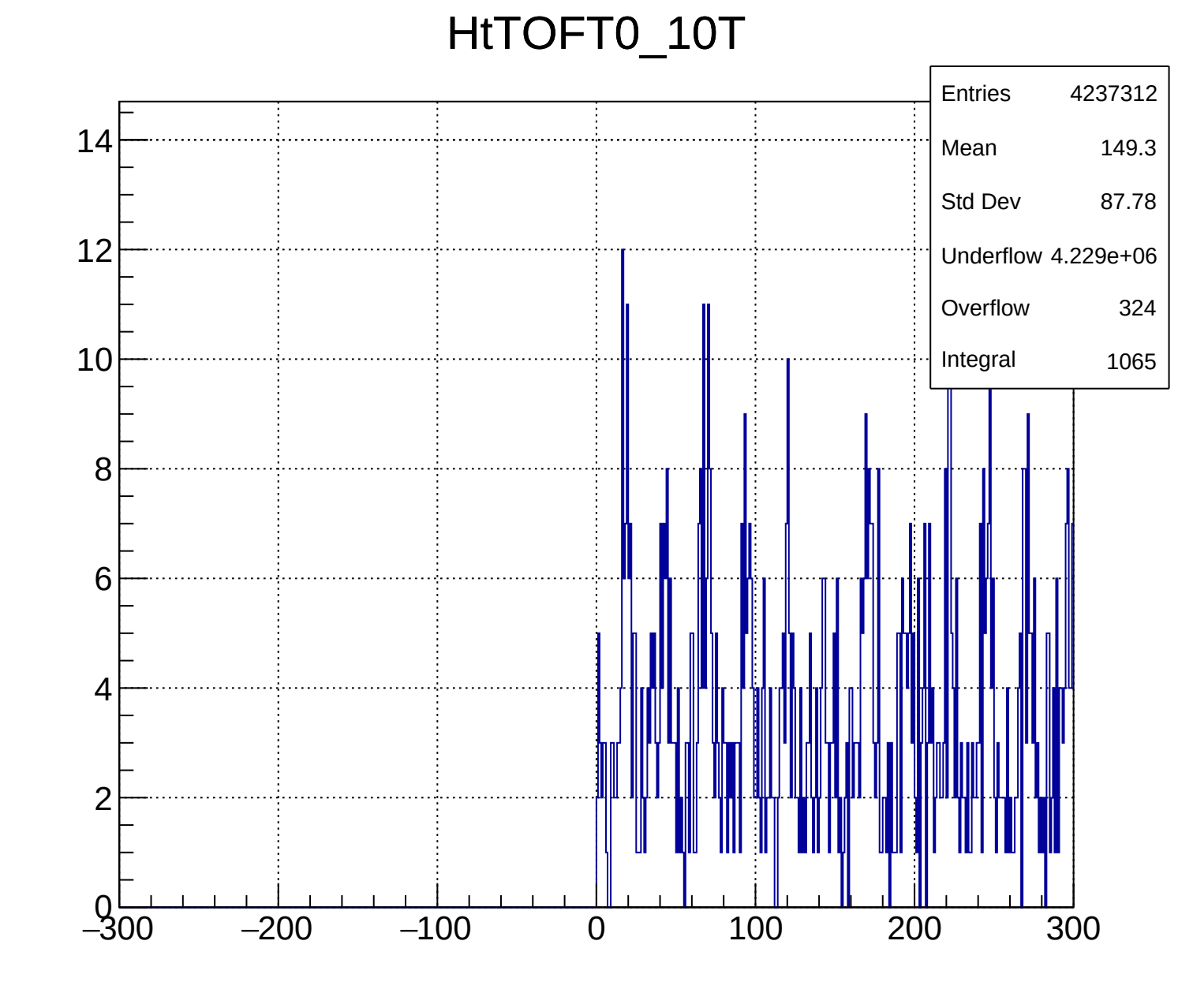

HtTOFT0_5T
Entries 4237312
Mean 152.3
Std Dev 84.8
Underflow 4.229e+06
Overflow 262
Integral 896
10
8
6
4
2
0
–300
–200
–100
0
100
200
300

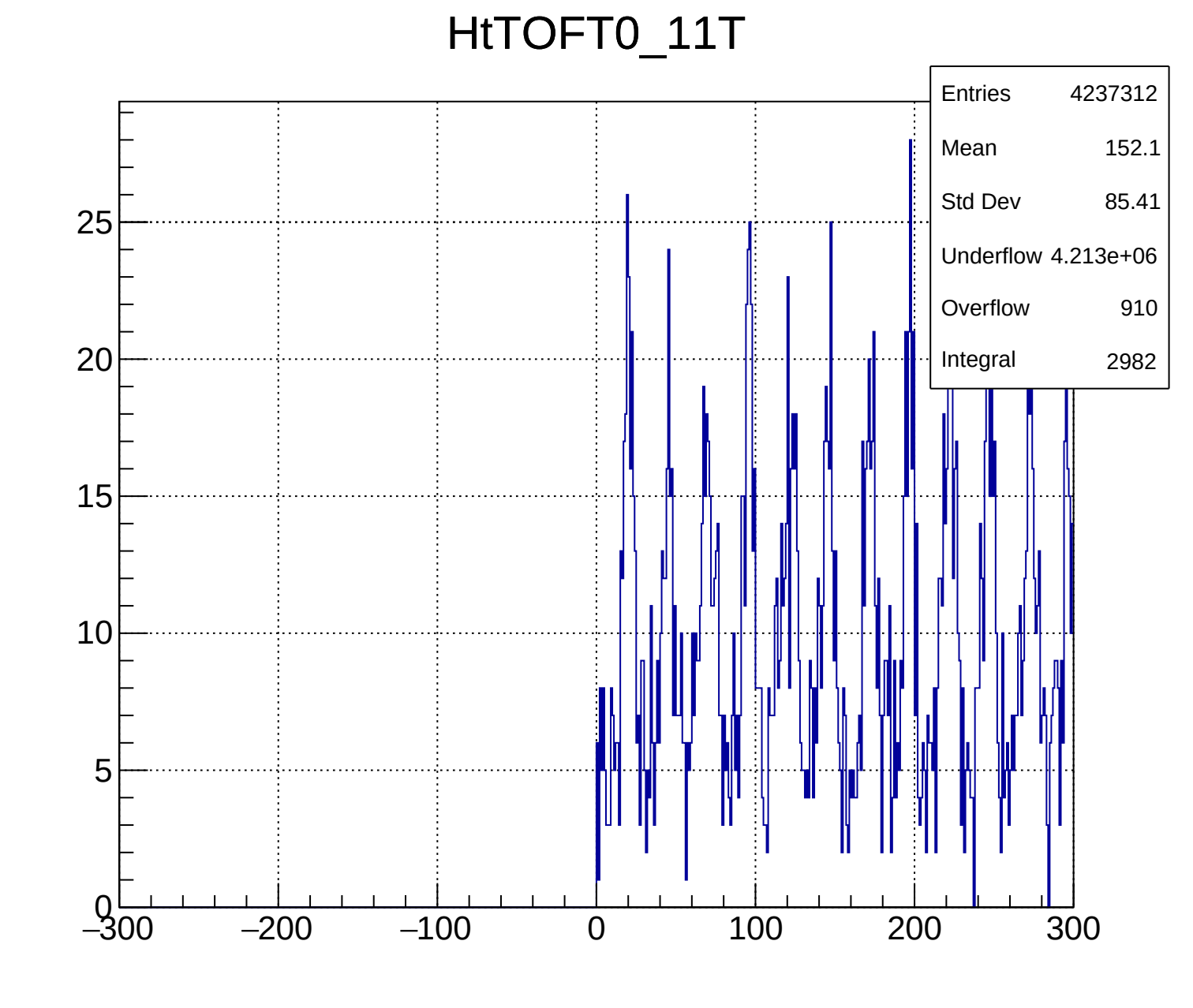

HtTOFT0_6T
Entries 4237312
Mean 162.9
Std Dev 82.11
Underflow 4.234e+06
Overflow 114
Integral 295
4
3.5
3
2.5
2
1.5
1
0.5
0
–300
–200
–100
0
100
200
300

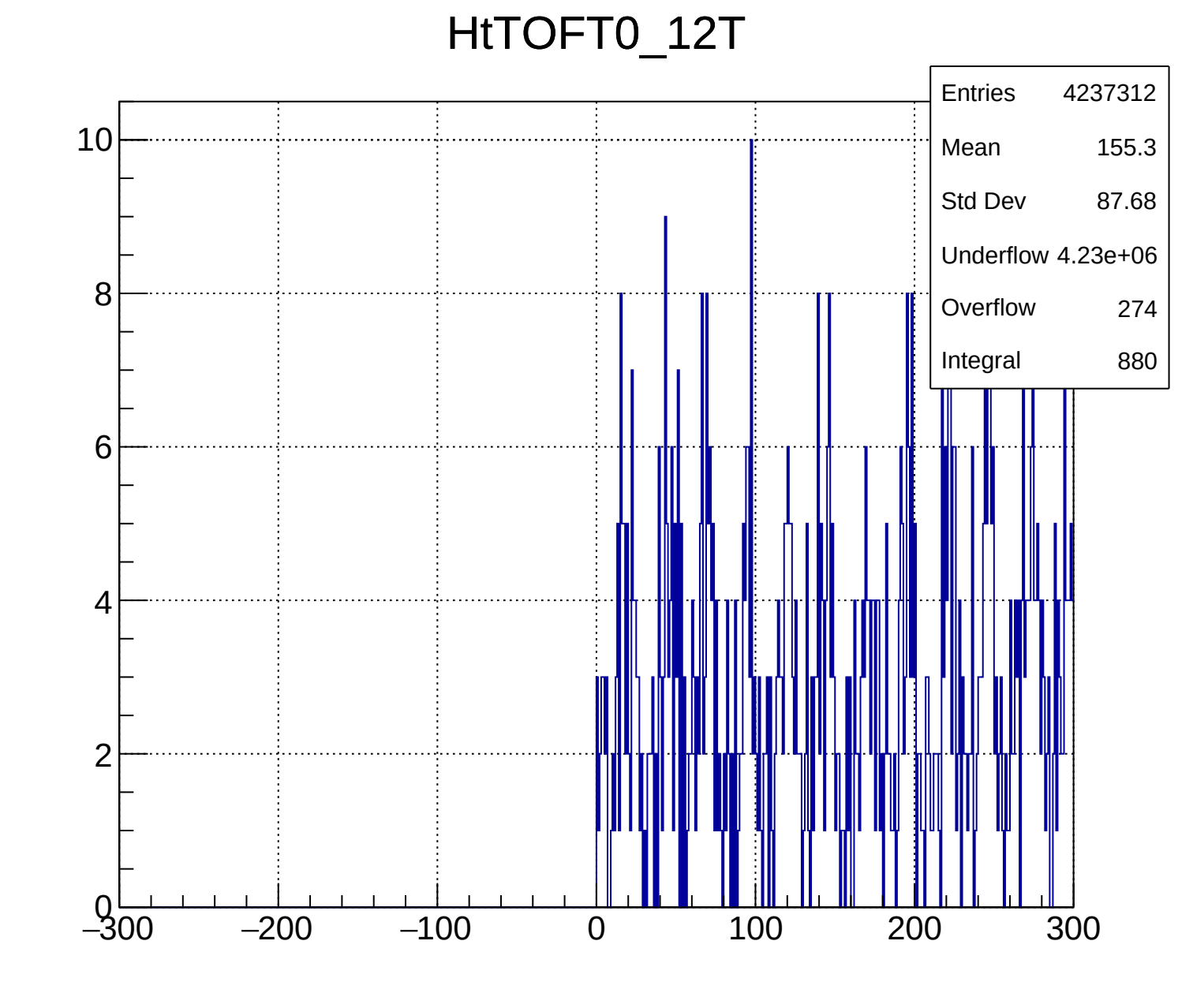

HtTOFT0_7T
Entries 4237312
Mean 153
Std Dev 85.74
Underflow 4.235e+06
Overflow 63
Integral 206
4
3.5
3
2.5
2
1.5
1
0.5
0
–300
–200
–100
0
100
200
300

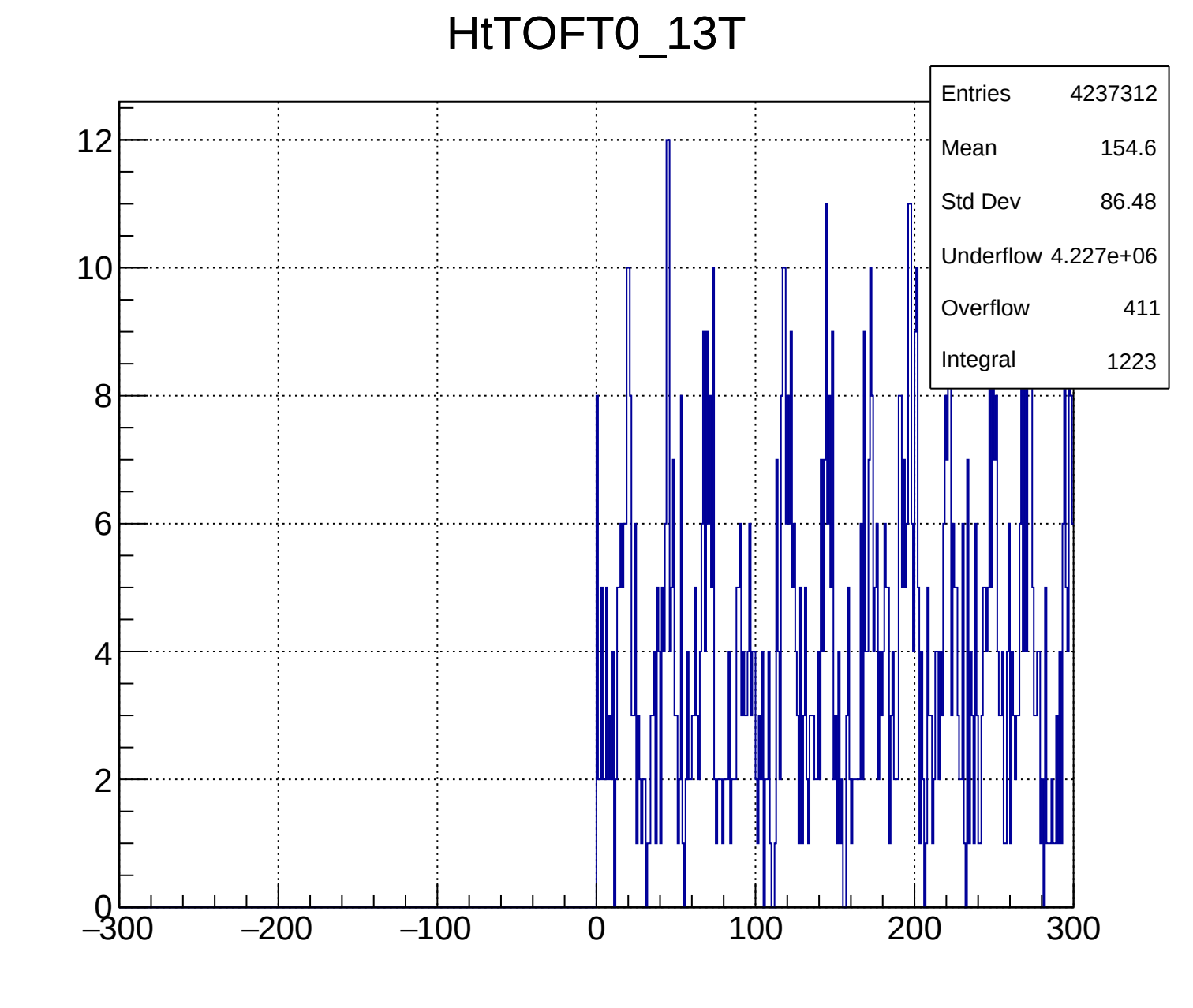

HtTOFT0_8T
Entries 4237312
Mean 156.5
Std Dev 86.7
Underflow 4.236e+06
Overflow 34
Integral 103
3
2.5
2
1.5
1
0.5
0
–300
–200
–100
0
100
200
300

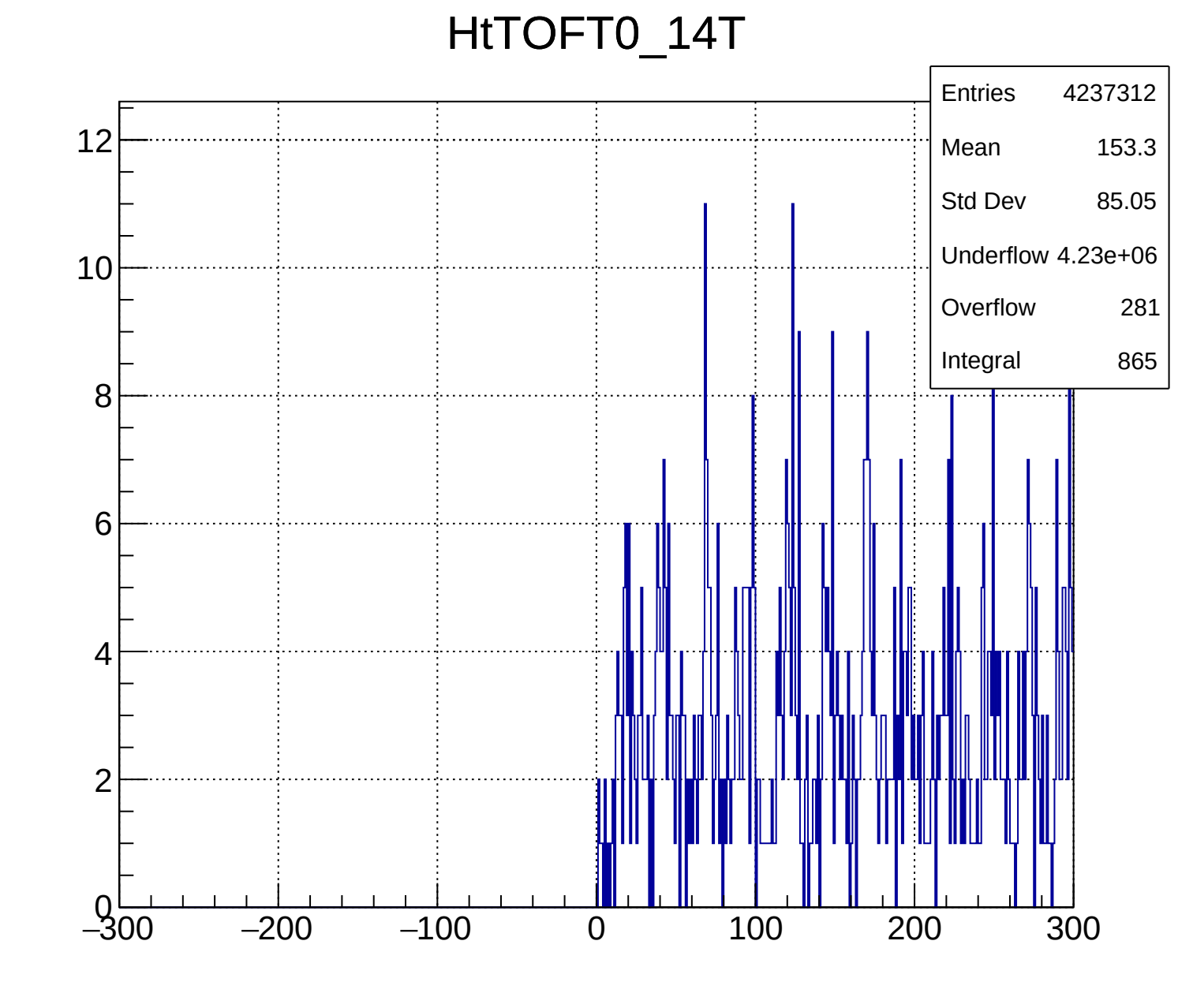

HtTOFT0_9T
Entries 4237312
Mean 154.4
Std Dev 86.04
Underflow 4.227e+06
Overflow 366
Integral 1278
0
2
4
6
8
10
12
14
–300
–200
–100
0
100
200
300

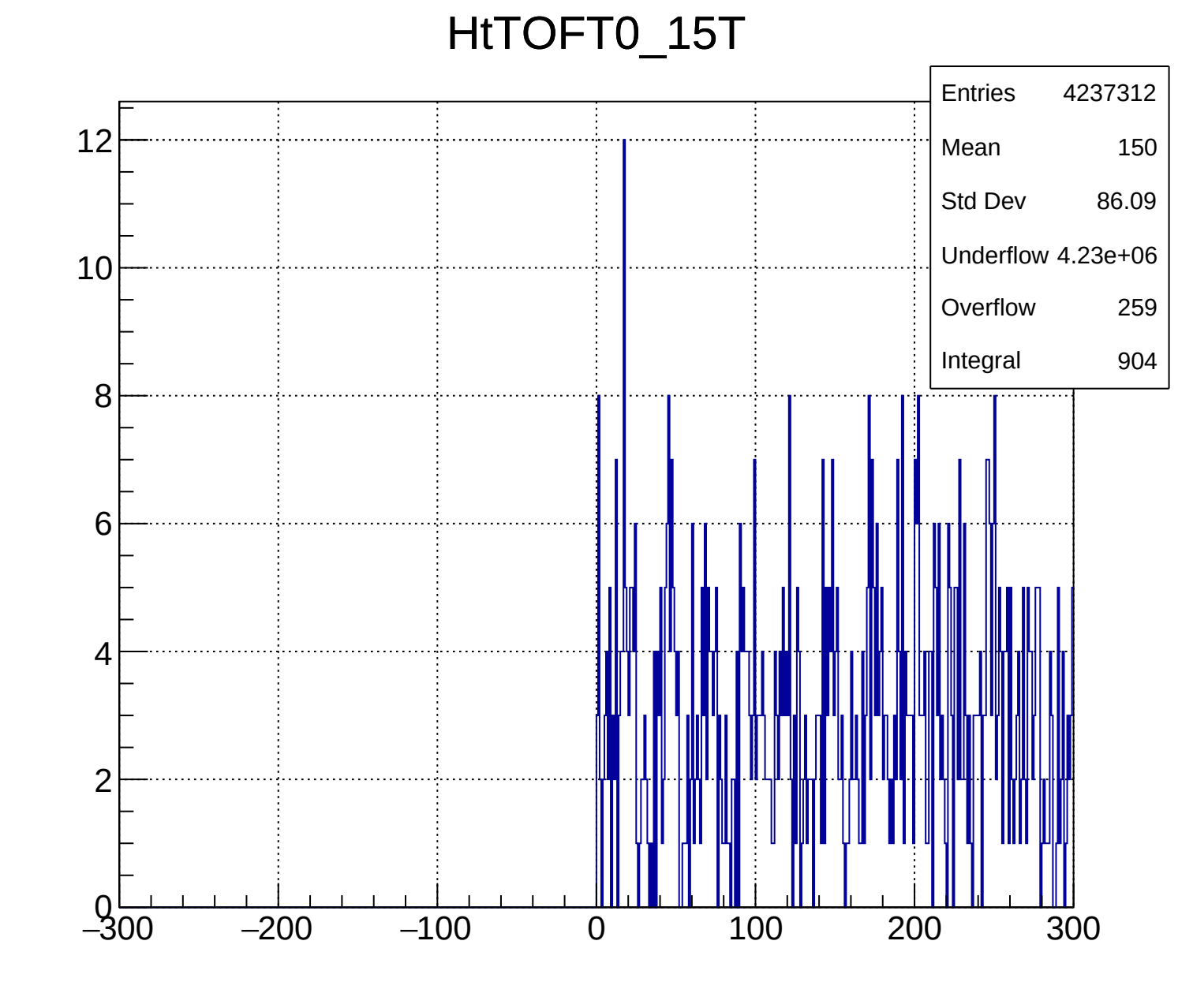

HtTOFT0_10T
Entries 4237312
Mean 149.3
Std Dev 87.78
Underflow 4.229e+06
Overflow 324
Integral 1065
14
12
10
8
6
4
2
0
–300
–200
–100
0
100
200
300

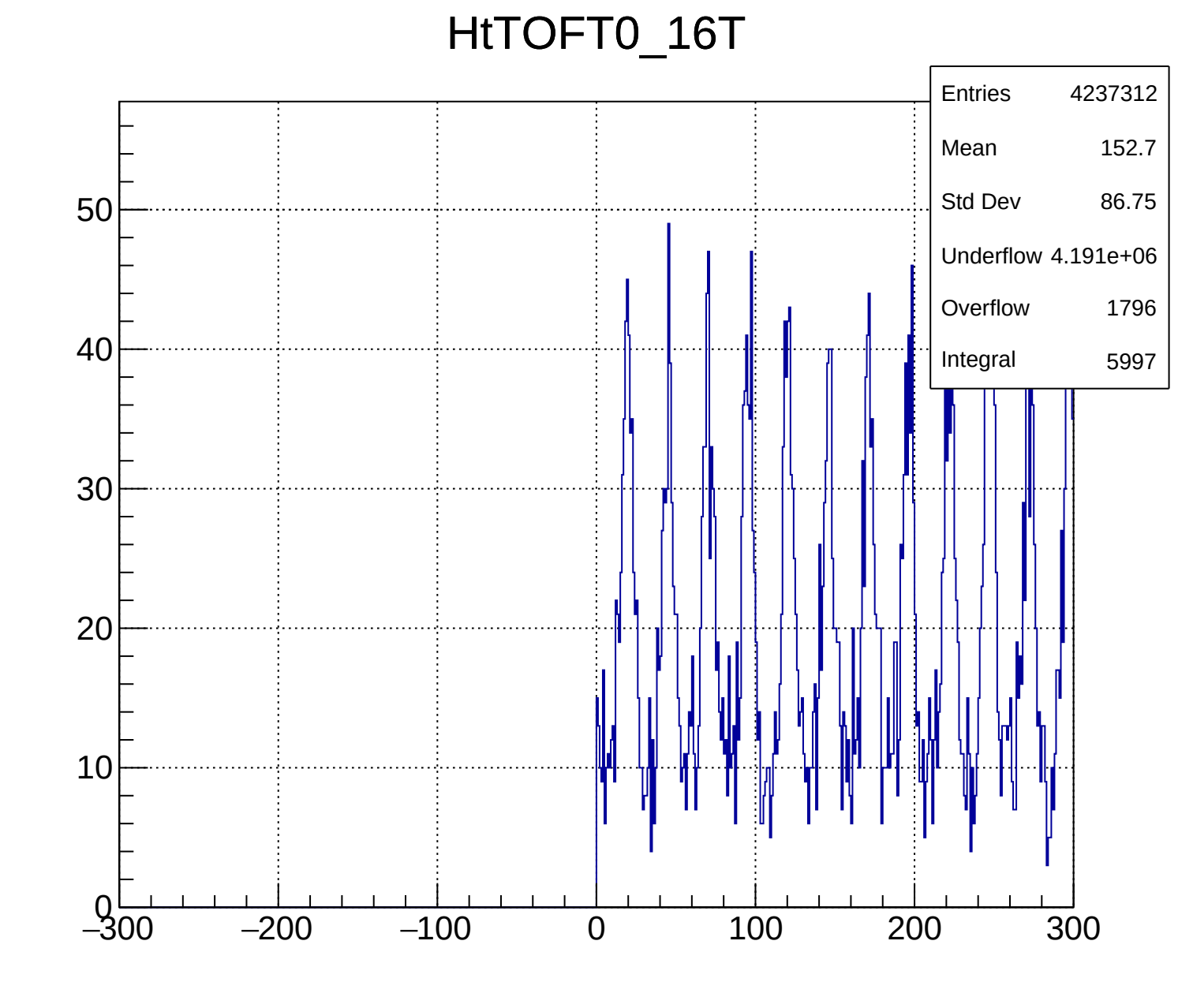

HtTOFT0_11T
Entries 4237312
Mean 152.1
Std Dev 85.41
Underflow 4.213e+06
Overflow 910
Integral 2982
25
20
15
10
5
0
–300
–200
–100
0
100
200
300

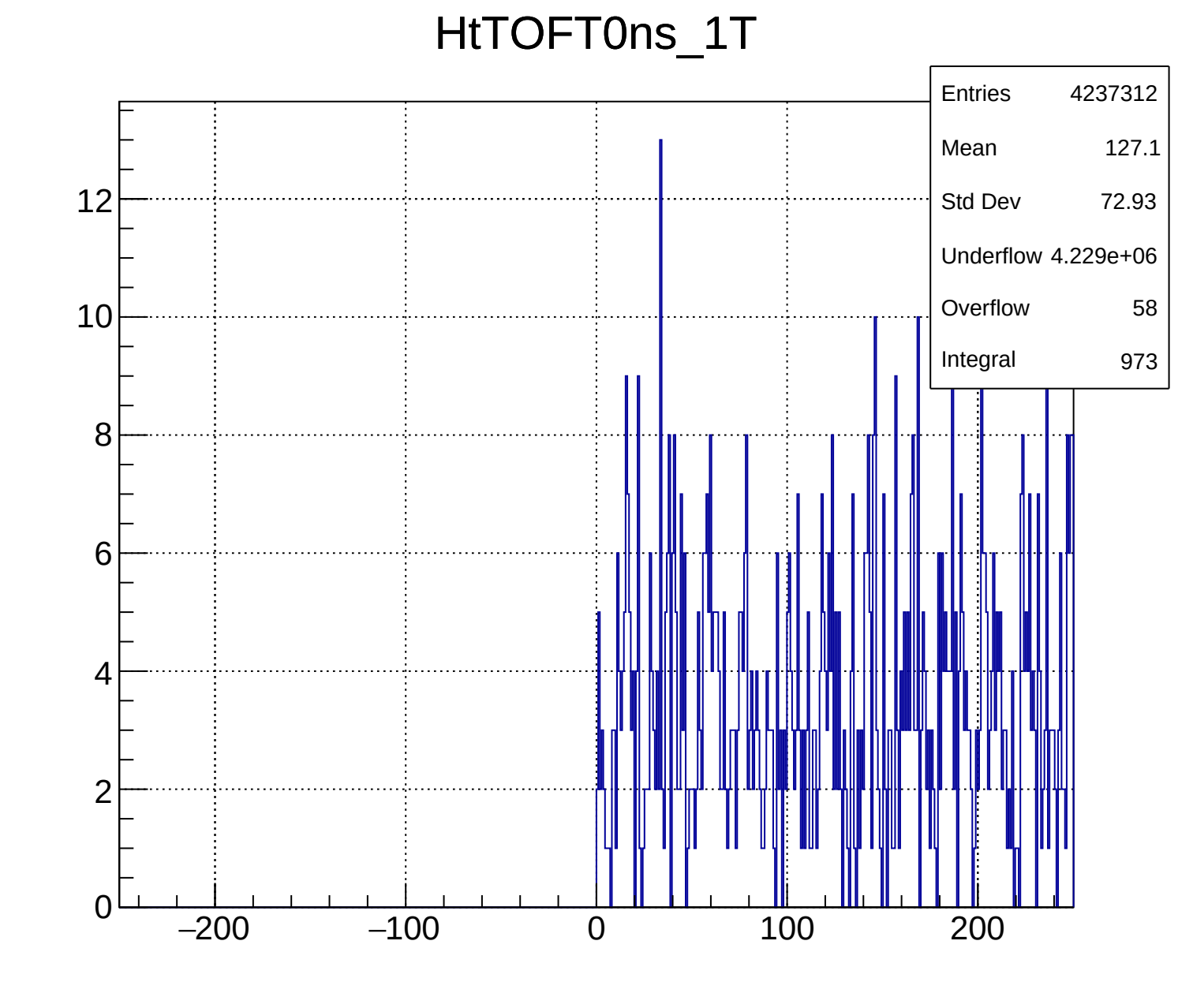

HtTOFT0_12T
Entries 4237312
Mean 155.3
Std Dev 87.68
Underflow 4.23e+06
Overflow 274
Integral 880
10
8
6
4
2
0
–300
–200
–100
0
100
200
300

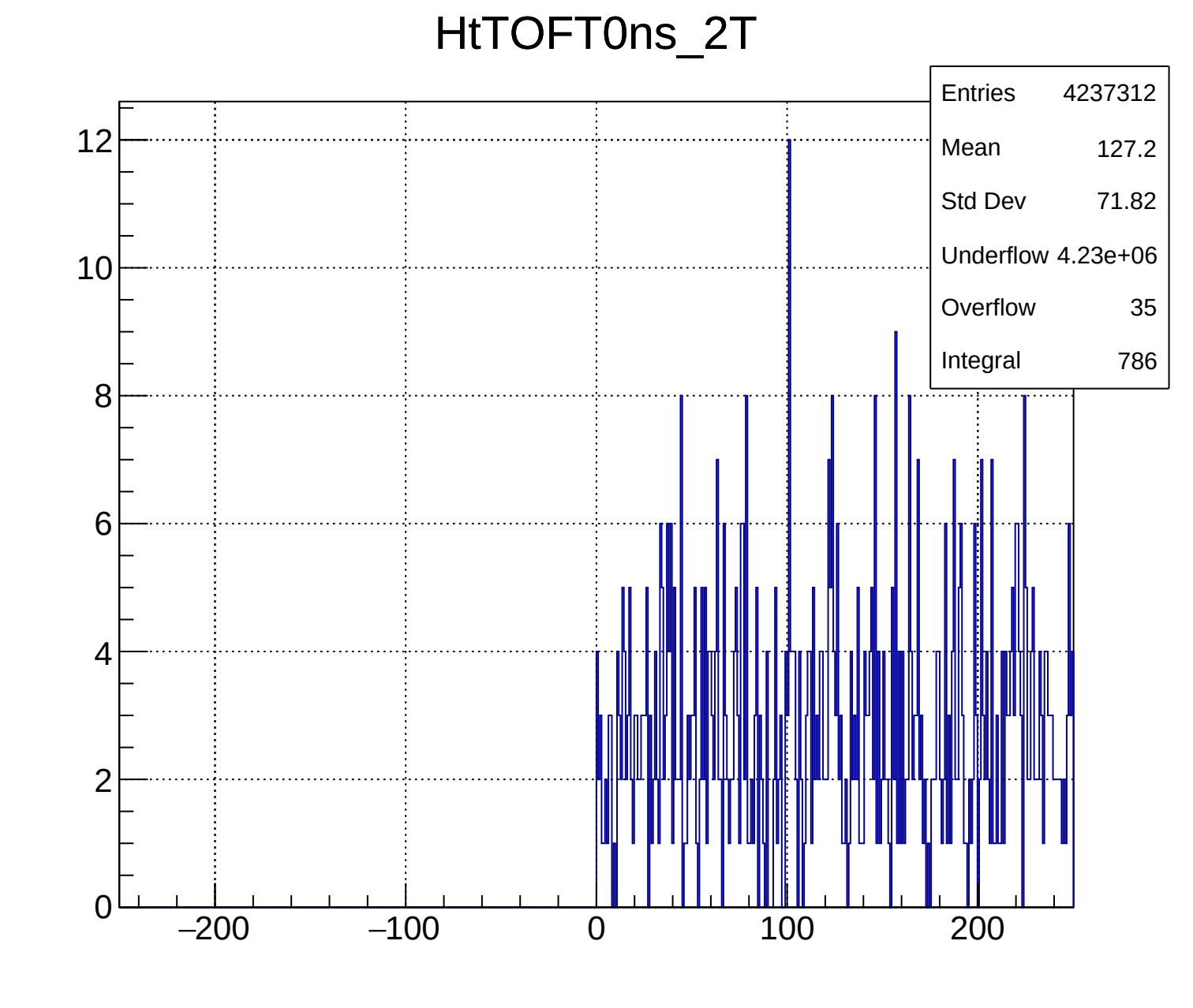

HtTOFT0_13T
Entries 4237312
Mean 154.6
Std Dev 86.48
Underflow 4.227e+06
Overflow 411
Integral 1223
12
10
8
6
4
2
0
–300
–200
–100
0
100
200
300

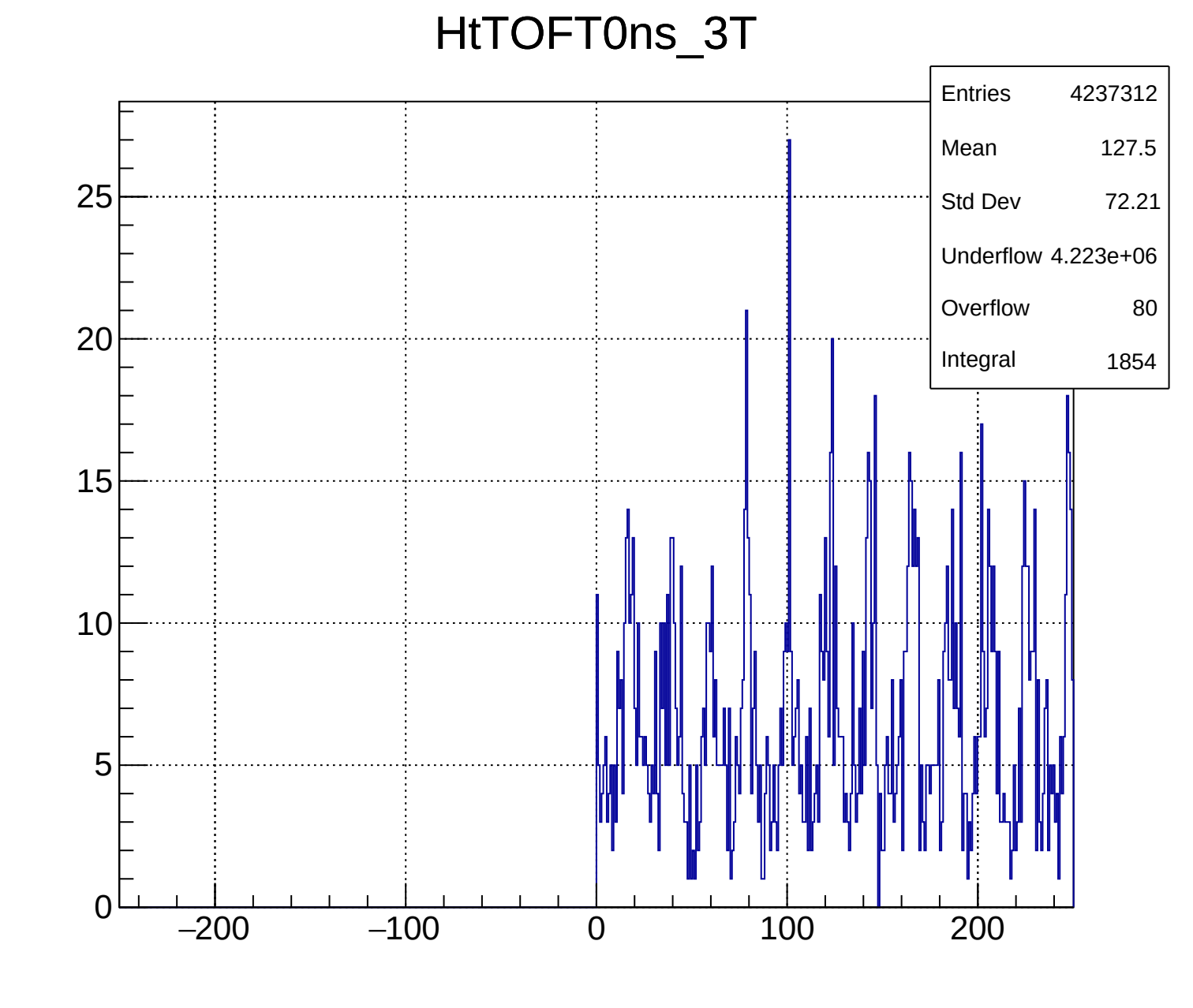

HtTOFT0_14T
Entries 4237312
Mean 153.3
Std Dev 85.05
Underflow 4.23e+06
Overflow 281
Integral 865
12
10
8
6
4
2
0
–300
–200
–100
0
100
200
300

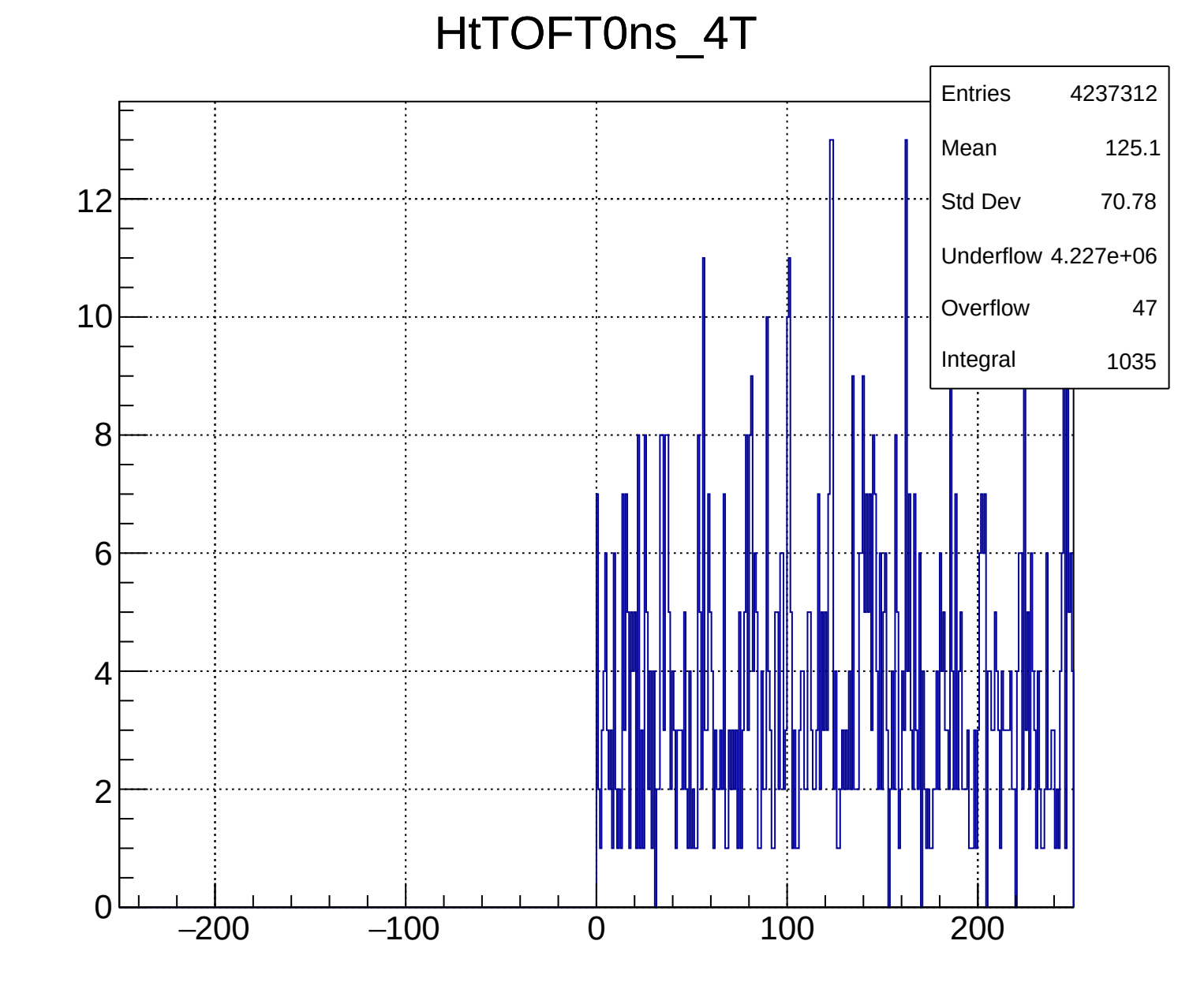

HtTOFT0_15T
Entries 4237312
Mean 150
Std Dev 86.09
Underflow 4.23e+06
Overflow 259
Integral 904
12
10
8
6
4
2
0
–300
–200
–100
0
100
200
300

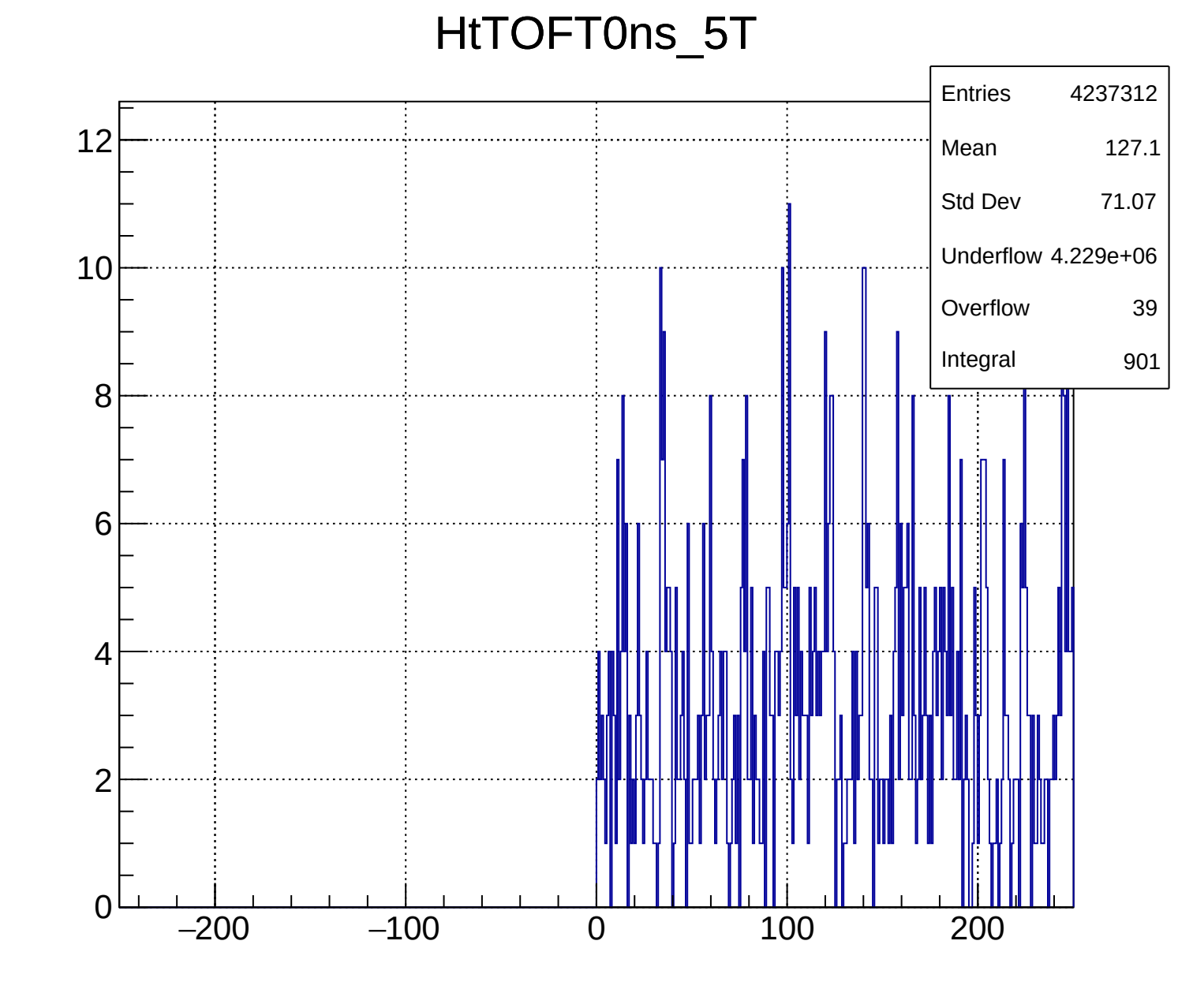

HtTOFT0_16T
Entries 4237312
Mean 152.7
Std Dev 86.75
Underflow 4.191e+06
Overflow 1796
Integral 5997
50
40
30
20
10
0
–300
–200
–100
0
100
200
300

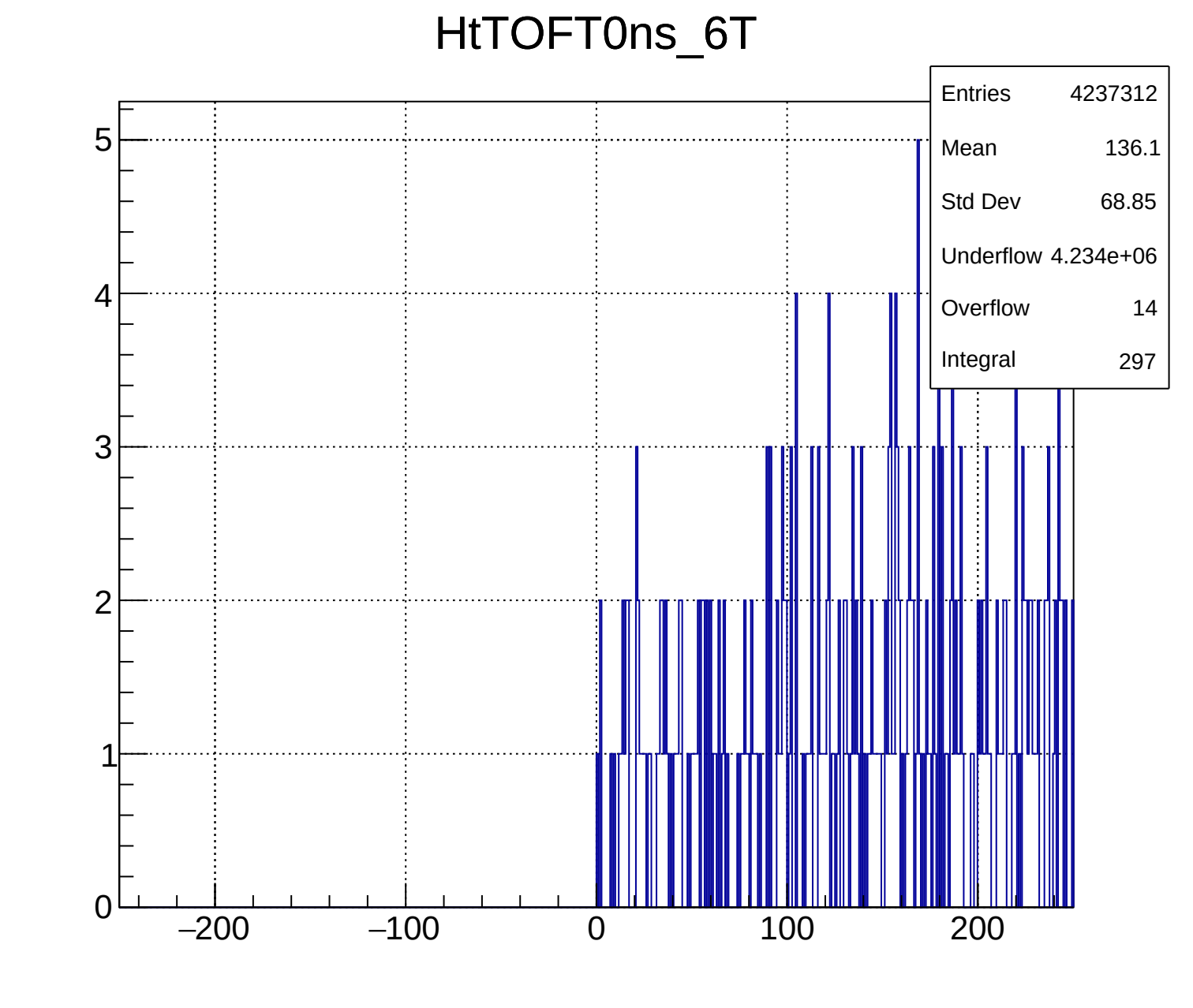

HtTOFT0ns_1T
Entries 4237312
Mean 127.1
Std Dev 72.93
Underflow 4.229e+06
Overflow 58
Integral 973
12
10
8
6
4
2
0
–200
–100
0
100
200

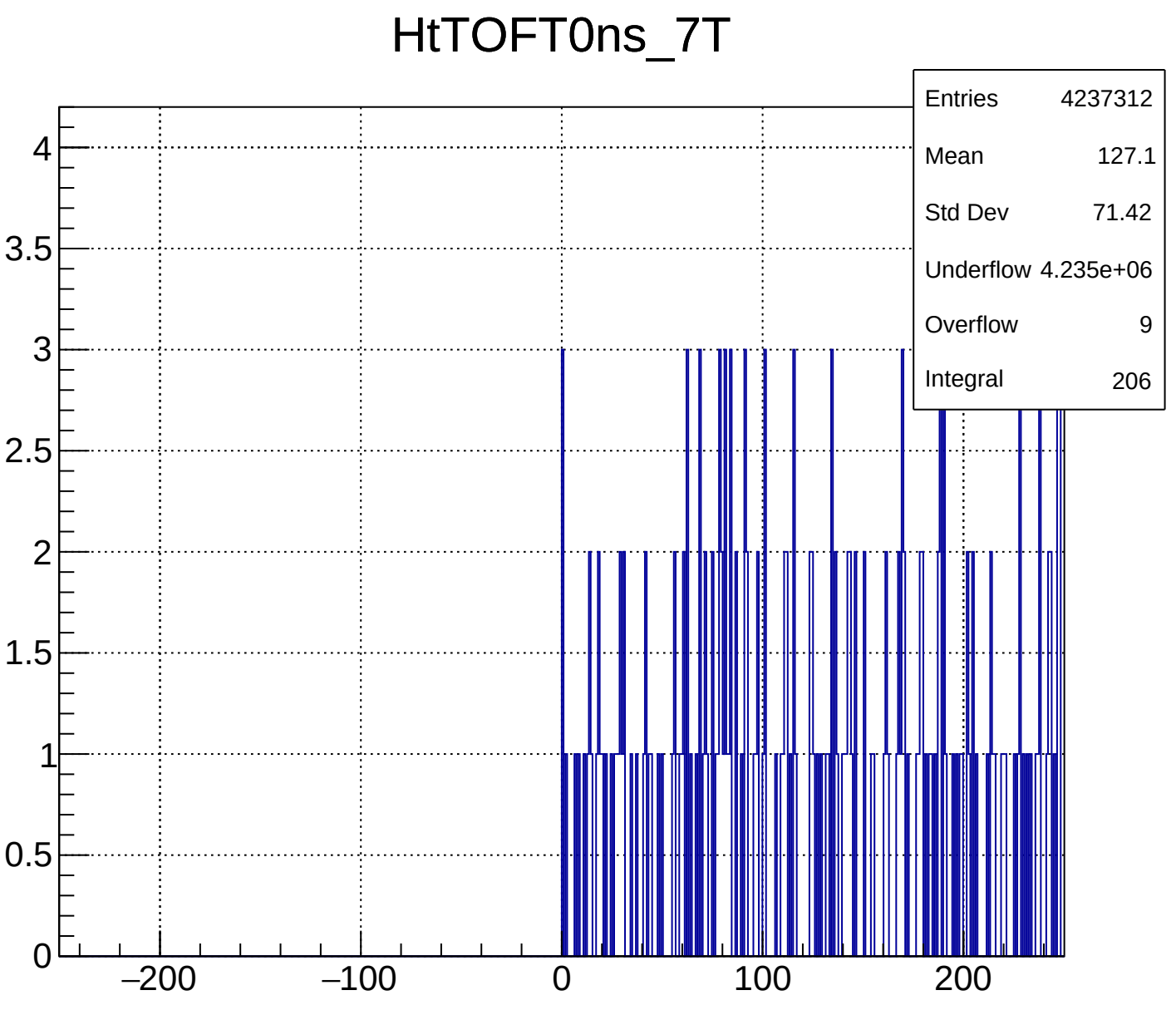

HtTOFT0ns_2T
Entries 4237312
Mean 127.2
Std Dev 71.82
Underflow 4.23e+06
Overflow 35
Integral 786
12
10
8
6
4
2
0
–200
–100
0
100
200

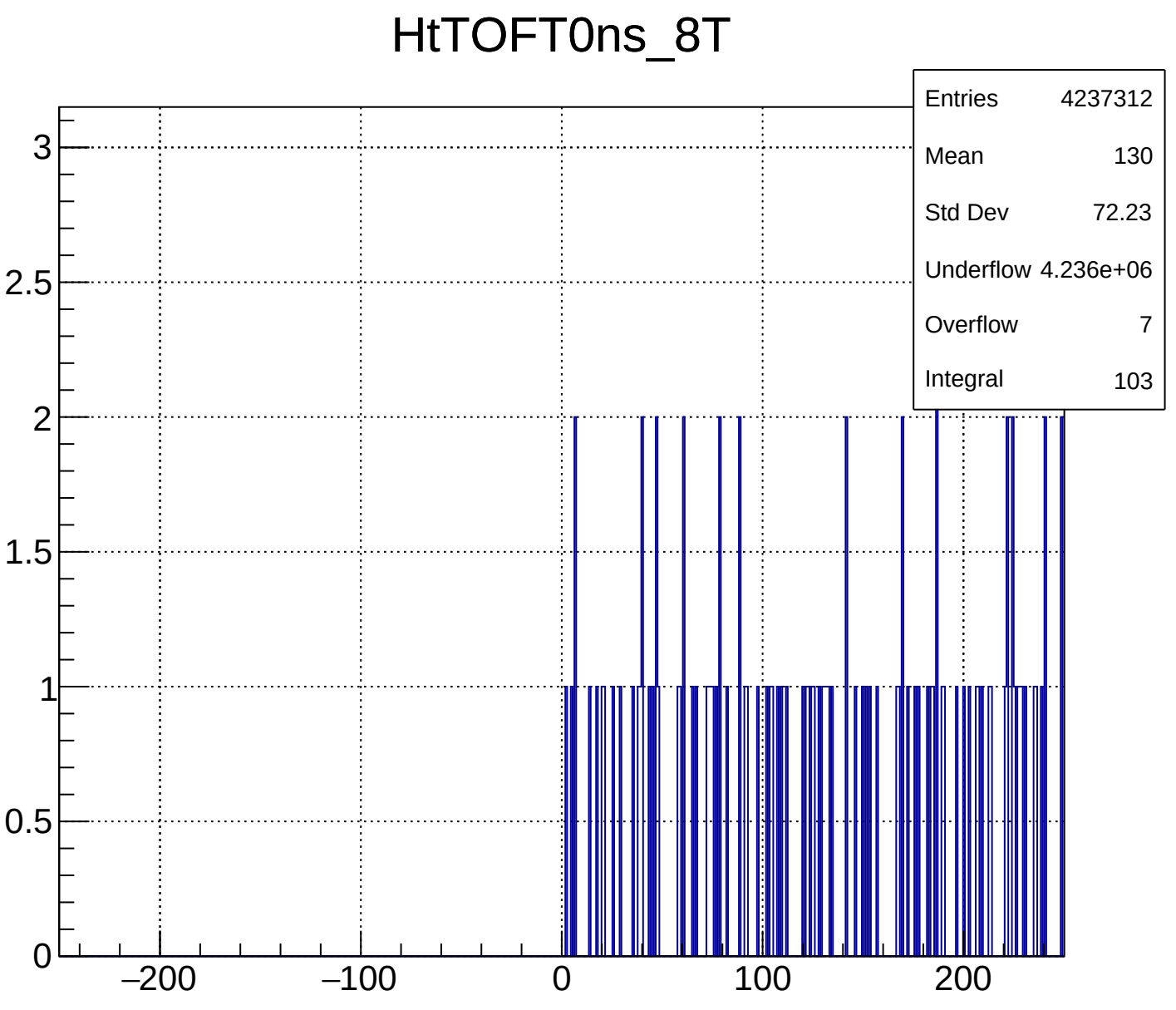

HtTOFT0ns_3T
Entries 4237312
Mean 127.5
Std Dev 72.21
Underflow 4.223e+06
Overflow 80
Integral 1854
25
20
15
10
5
0
–200
–100
0
100
200

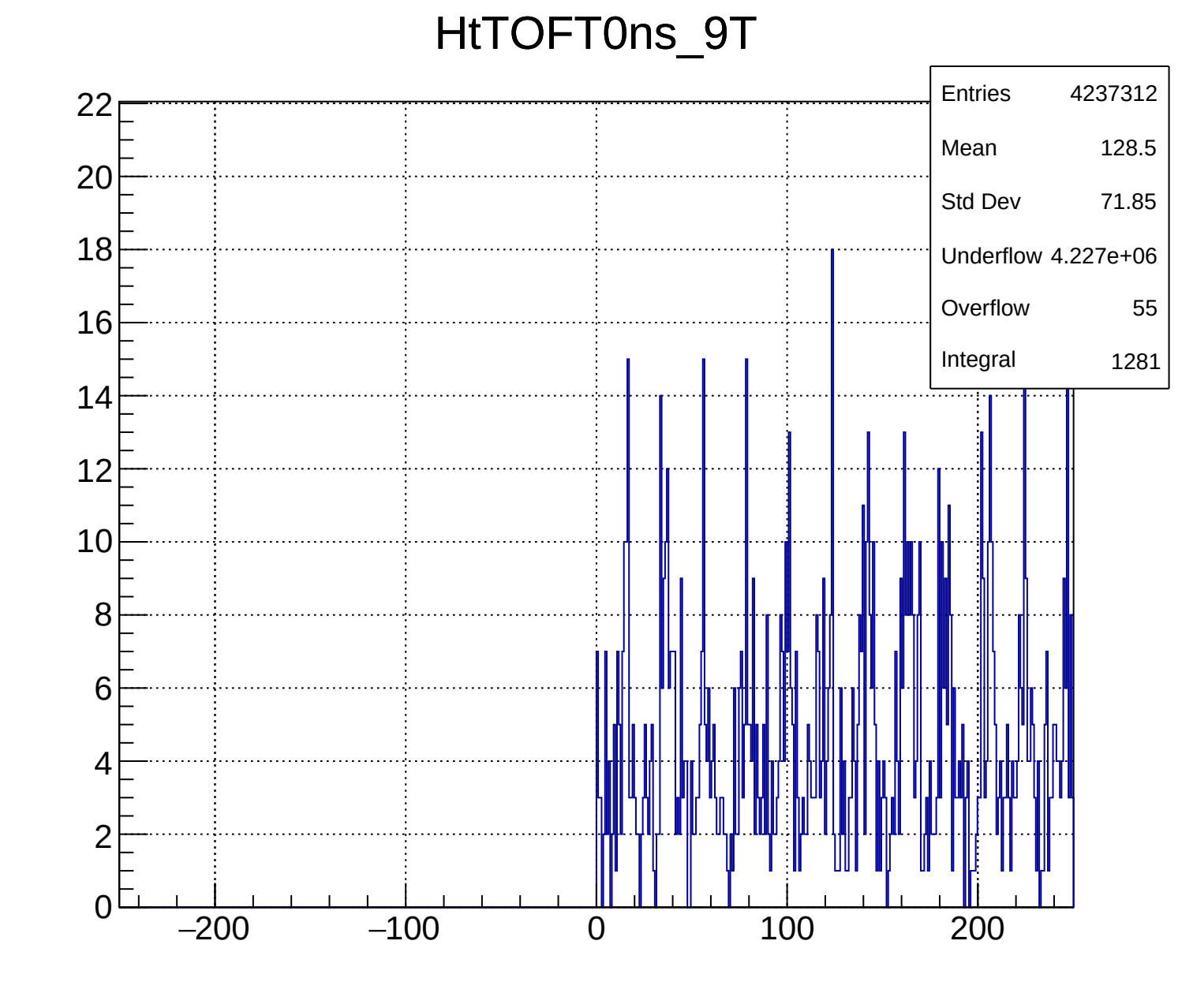

HtTOFT0ns_4T
Entries 4237312
Mean 125.1
Std Dev 70.78
Underflow 4.227e+06
Overflow 47
Integral 1035
0
2
4
6
8
10
12
–200
–100
0
100
200

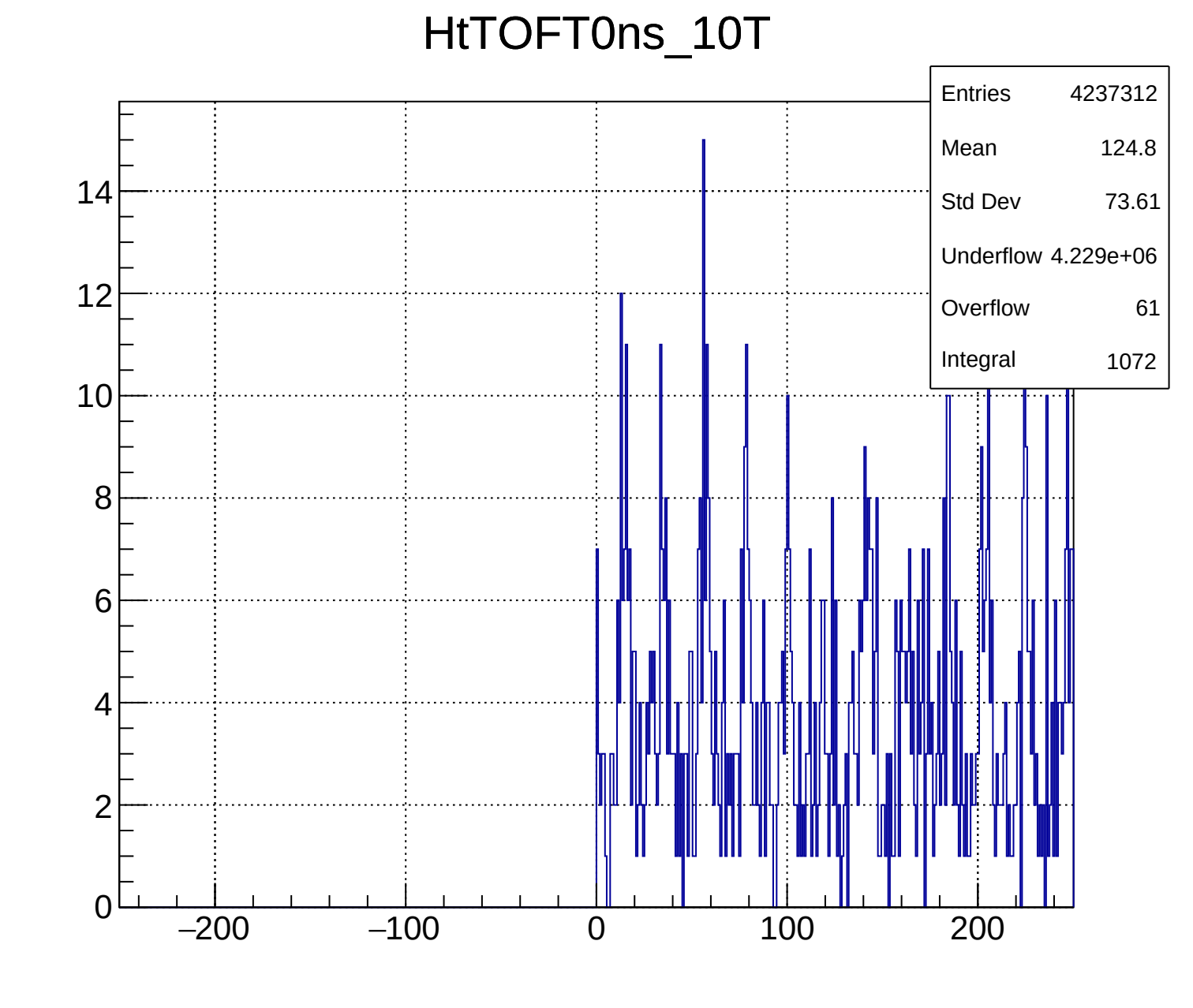

HtTOFT0ns_5T
Entries 4237312
Mean 127.1
Std Dev 71.07
Underflow 4.229e+06
Overflow 39
Integral 901
12
10
8
6
4
2
0
–200
–100
0
100
200

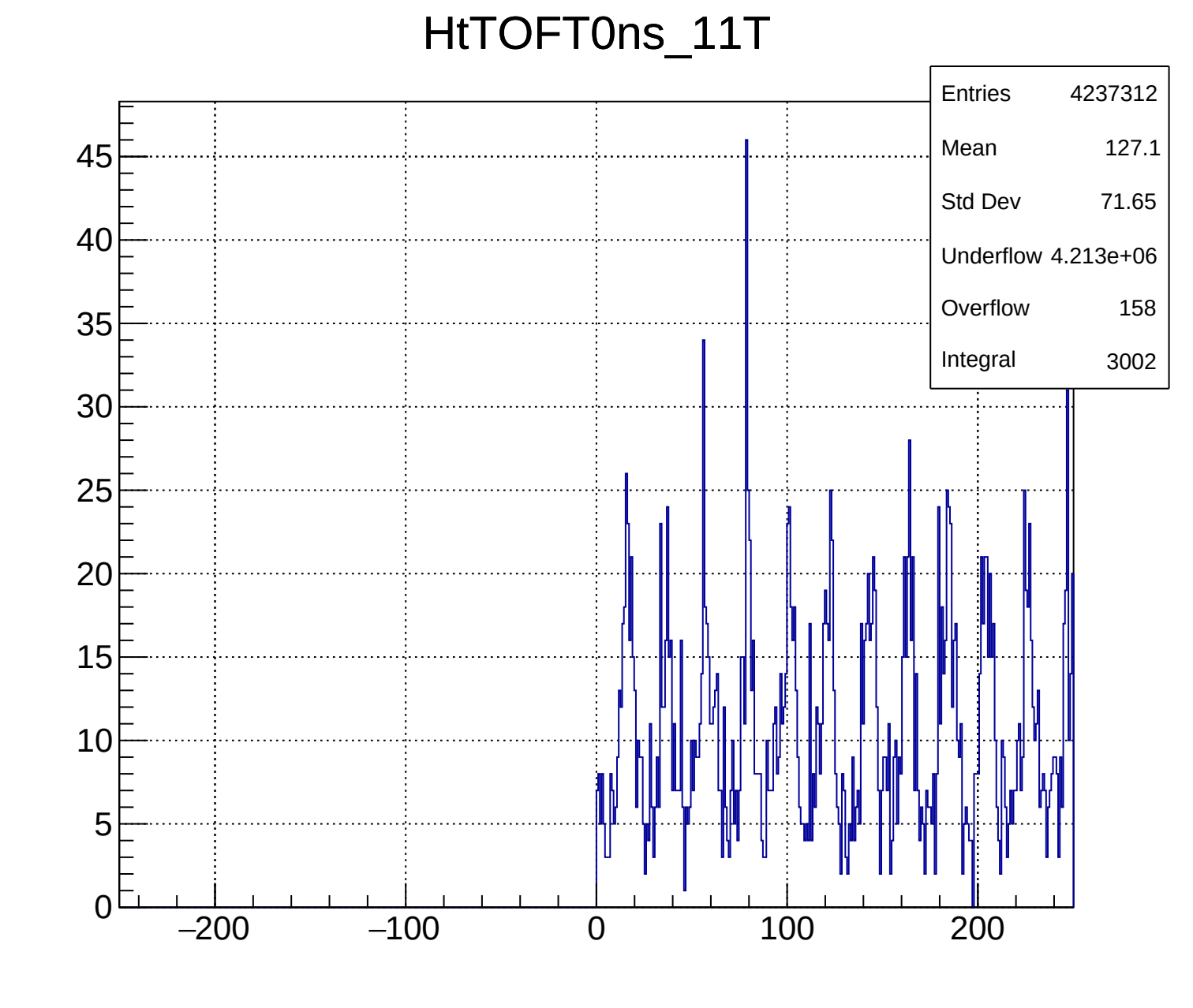

HtTOFT0ns_6T
Entries 4237312
Mean 136.1
Std Dev 68.85
Underflow 4.234e+06
Overflow 14
Integral 297
0
1
2
3
4
5
–200
–100
0
100
200

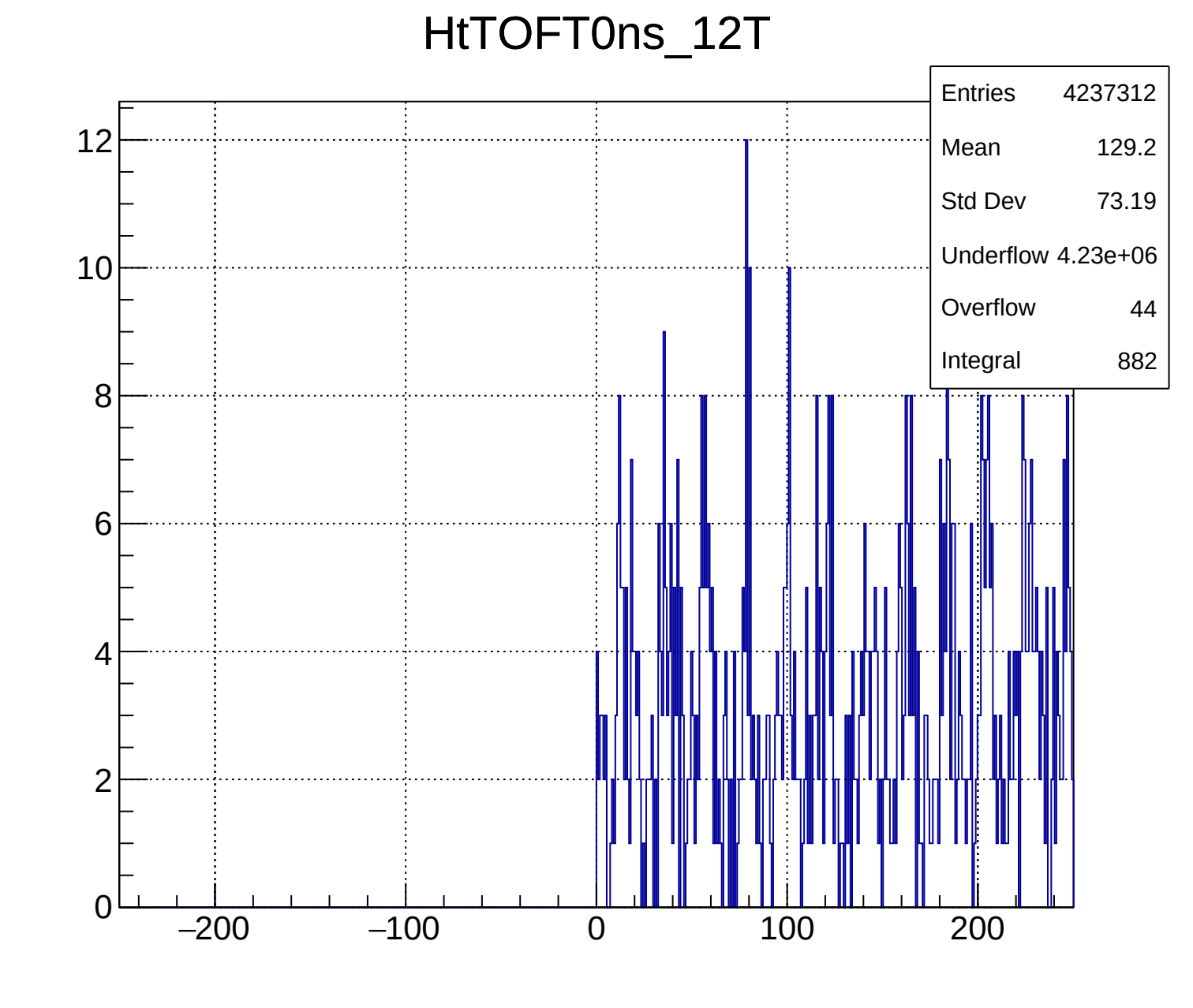

HtTOFT0ns_7T
Entries 4237312
Mean 127.1
Std Dev 71.42
Underflow 4.235e+06
Overflow 9
Integral 206
4
3.5
3
2.5
2
1.5
1
0.5
0
–200
–100
0
100
200

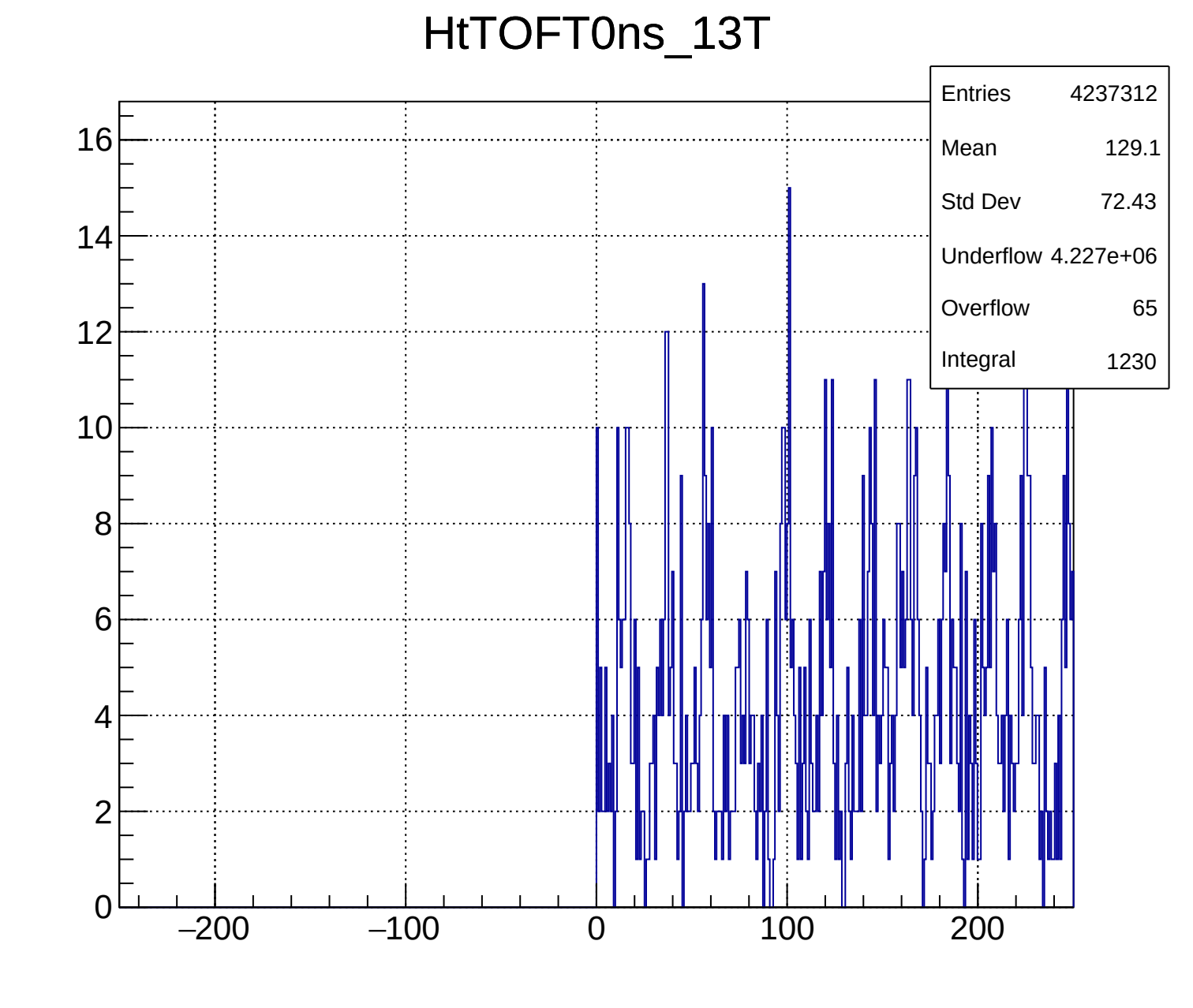

HtTOFT0ns_8T
Entries 4237312
Mean 130
Std Dev 72.23
Underflow 4.236e+06
Overflow 7
Integral 103
3
2.5
2
1.5
1
0.5
0
–200
–100
0
100
200

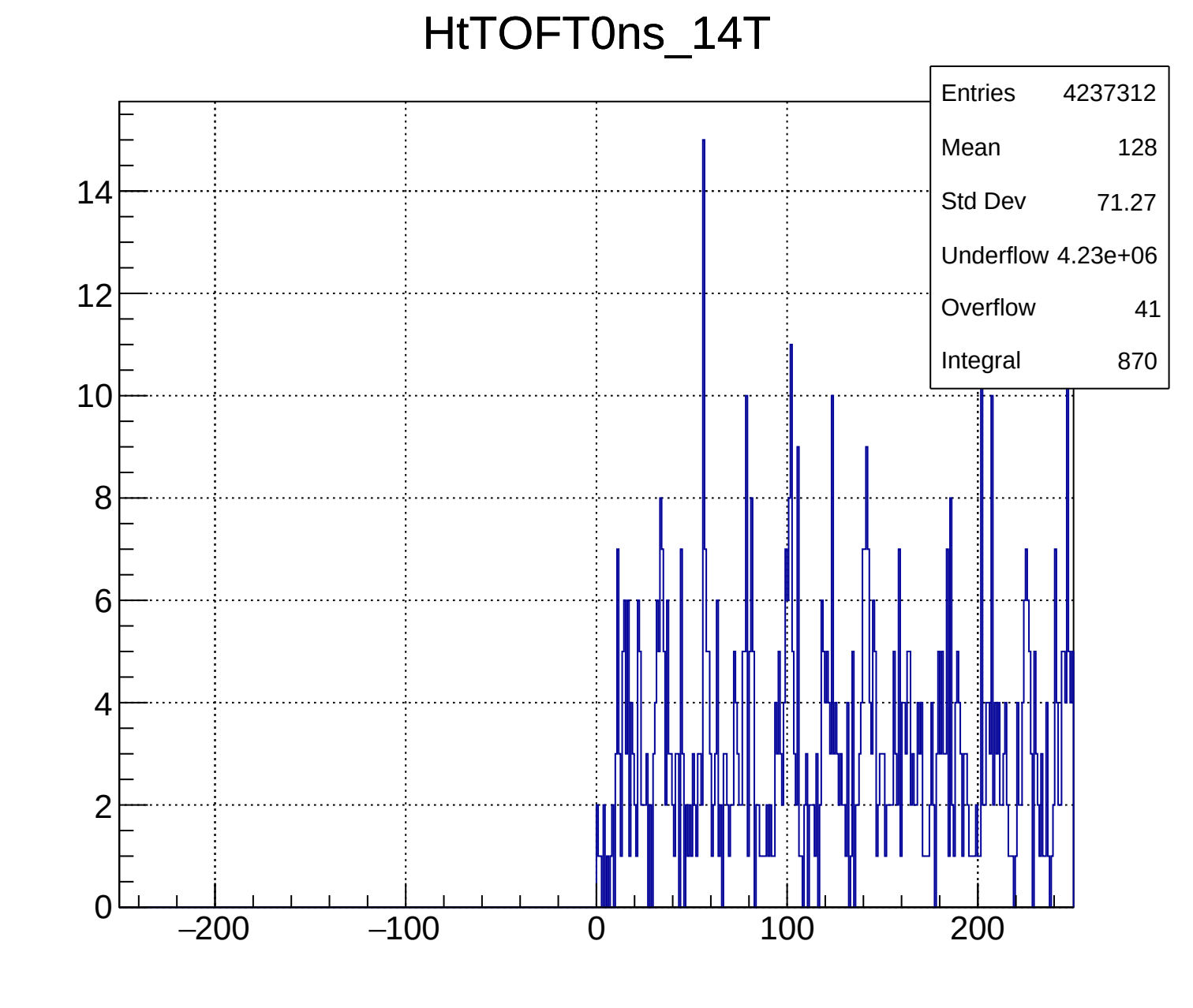

HtTOFT0ns_9T
Entries 4237312
Mean 128.5
Std Dev 71.85
Underflow 4.227e+06
Overflow 55
Integral 1281
22
20
18
16
14
12
10
8
6
4
2
0
–200
–100
0
100
200

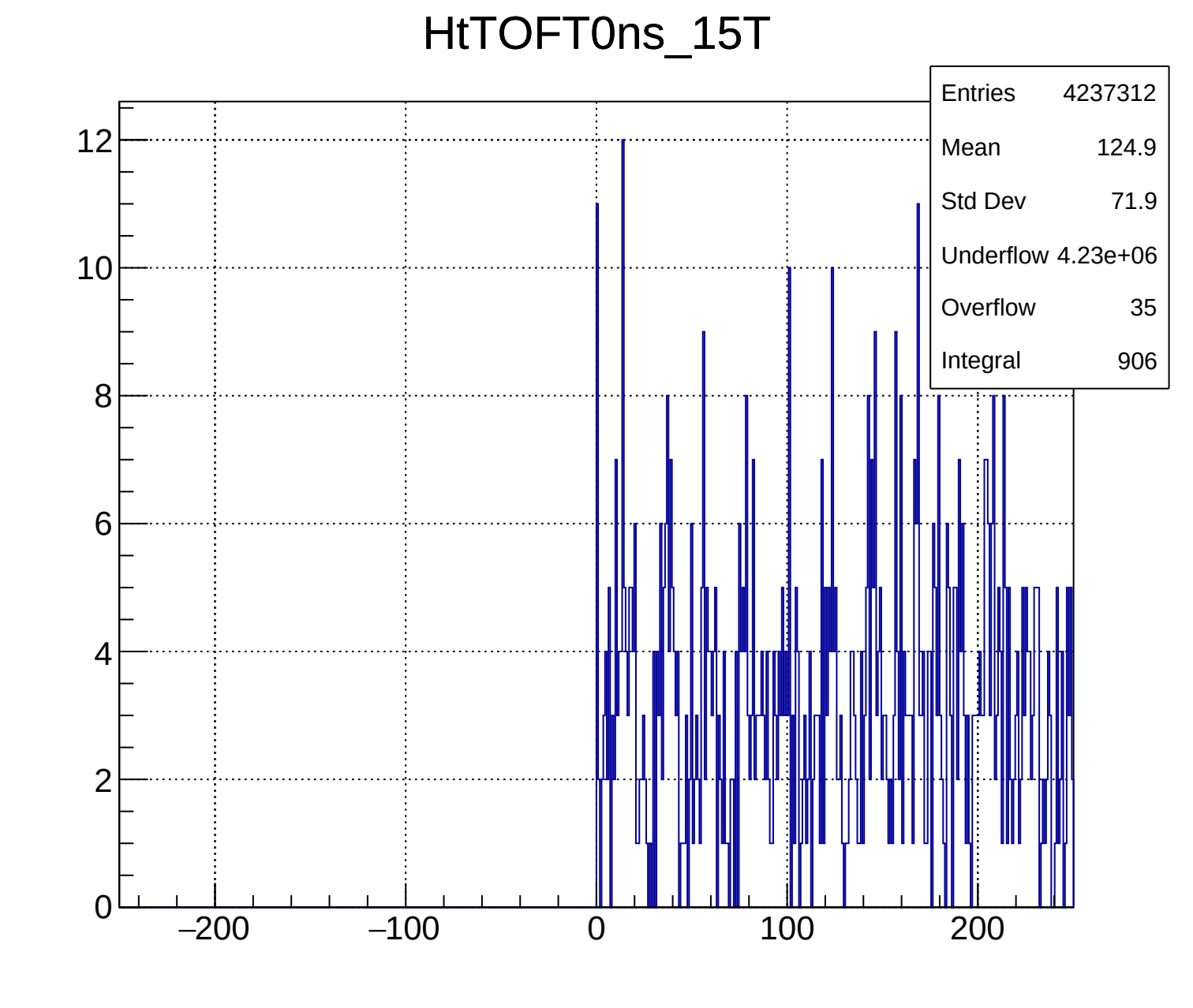

HtTOFT0ns_10T
Entries 4237312
Mean 124.8
Std Dev 73.61
Underflow 4.229e+06
Overflow 61
Integral 1072
0
2
4
6
8
10
12
14
–200
–100
0
100
200

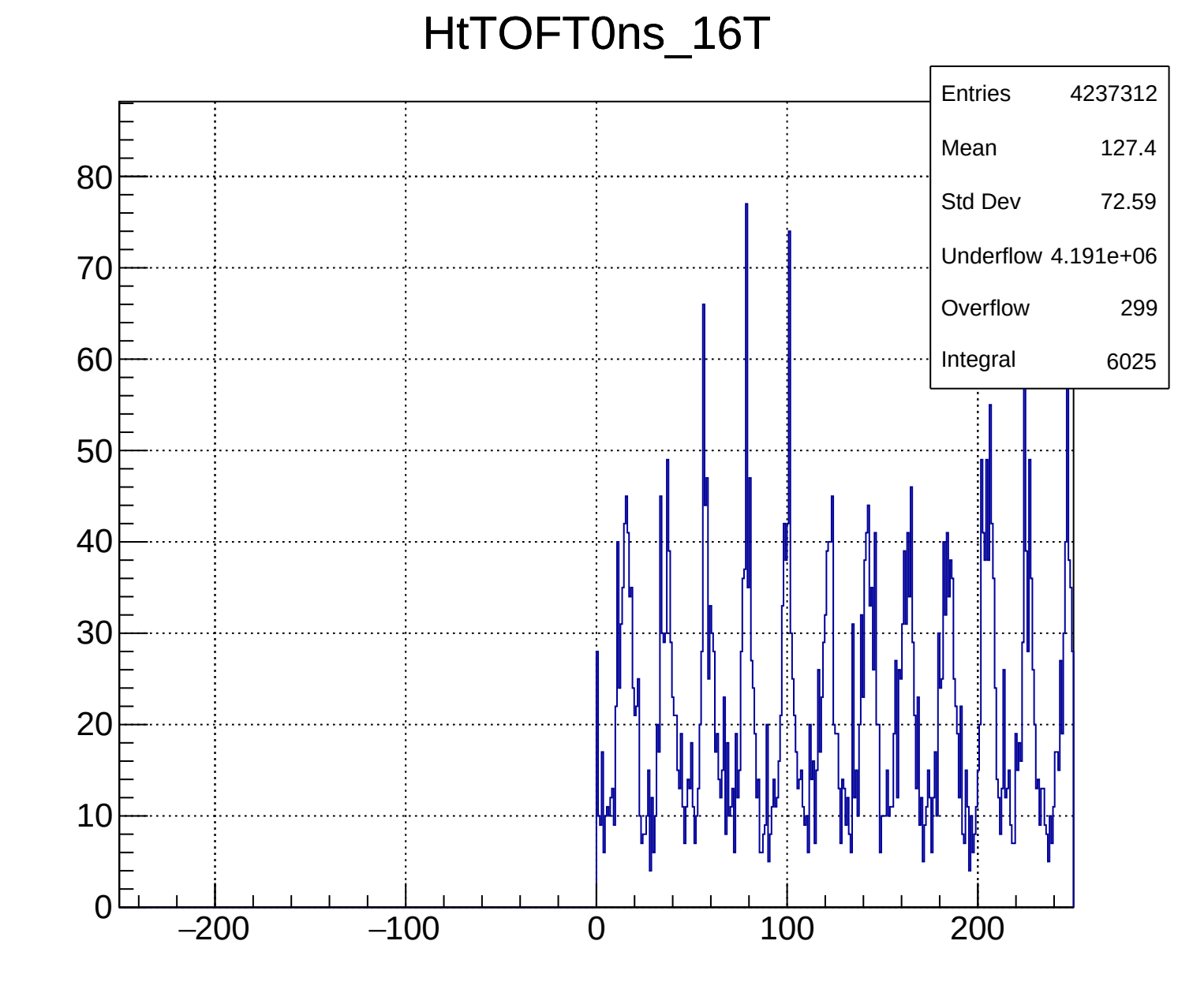

HtTOFT0ns_11T
Entries 4237312
Mean 127.1
Std Dev 71.65
Underflow 4.213e+06
Overflow 158
Integral 3002
45
40
35
30
25
20
15
10
5
0
–200
–100
0
100
200


HtTOFT0ns_12T
Entries 4237312
Mean 129.2
Std Dev 73.19
Underflow 4.23e+06
Overflow 44
Integral 882
12
10
8
6
4
2
0
–200
–100
0
100
200


HtTOFT0ns_13T
Entries 4237312
Mean 129.1
Std Dev 72.43
Underflow 4.227e+06
Overflow 65
Integral 1230
16
14
12
10
8
6
4
2
0
–200
–100
0
100
200


HtTOFT0ns_14T
Entries 4237312
Mean 128
Std Dev 71.27
Underflow 4.23e+06
Overflow 41
Integral 870
0
2
4
6
8
10
12
14
–200
–100
0
100
200


HtTOFT0ns_15T
Entries 4237312
Mean 124.9
Std Dev 71.9
Underflow 4.23e+06
Overflow 35
Integral 906
12
10
8
6
4
2
0
–200
–100
0
100
200


HtTOFT0ns_16T
Entries 4237312
Mean 127.4
Std Dev 72.59
Underflow 4.191e+06
Overflow 299
Integral 6025
80
70
60
50
40
30
20
10
0
–200
–100
0
100
200