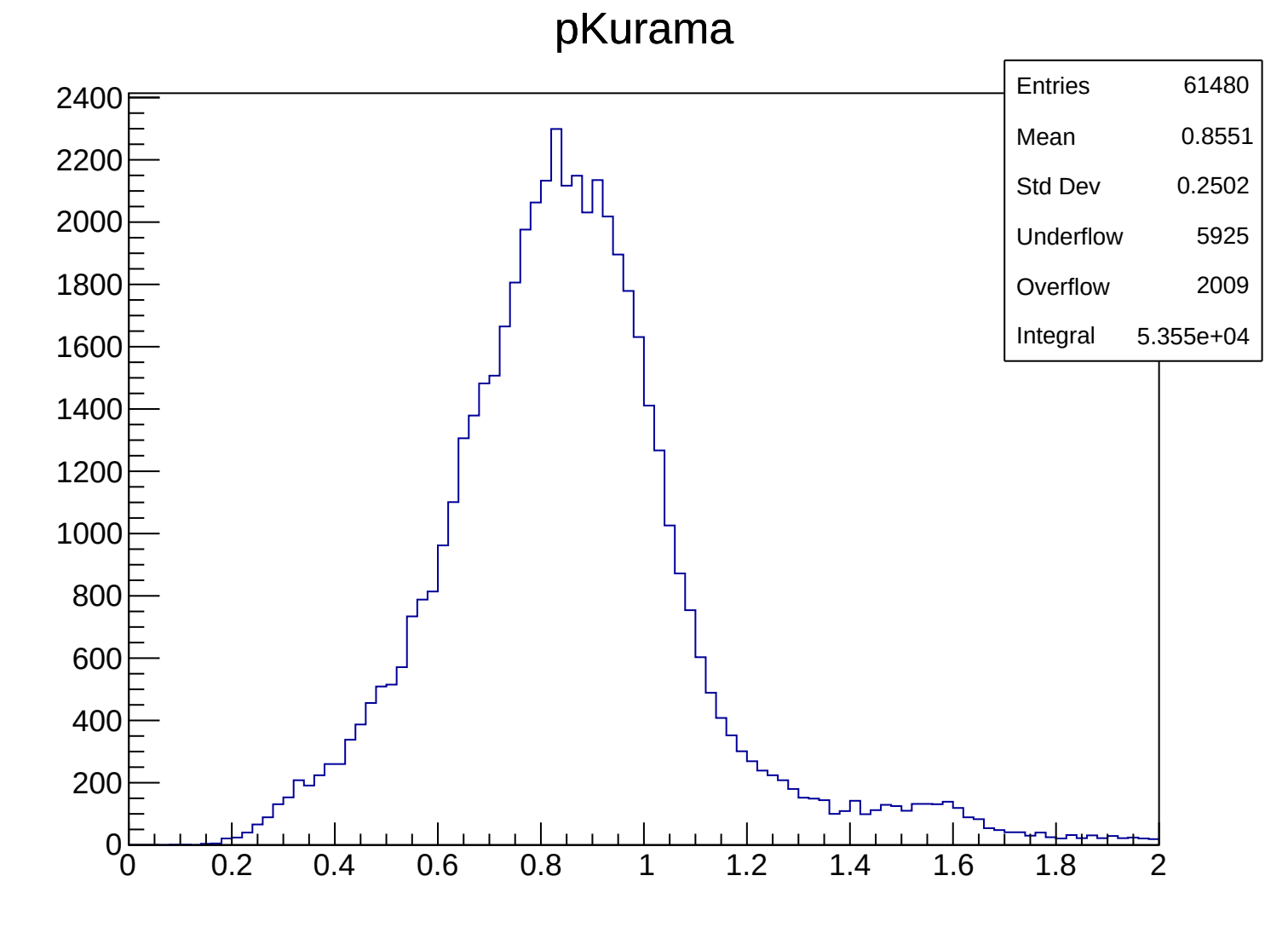
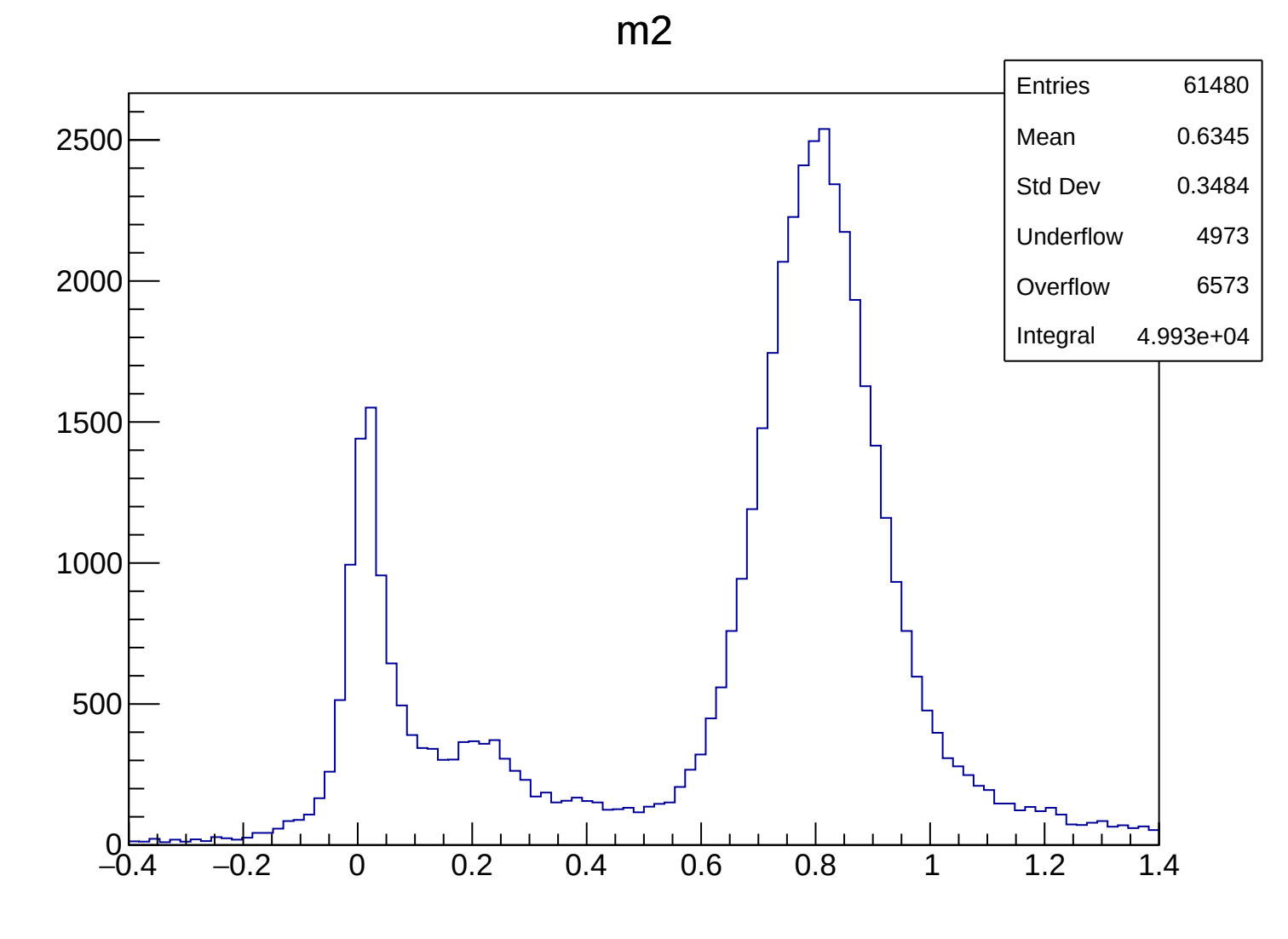
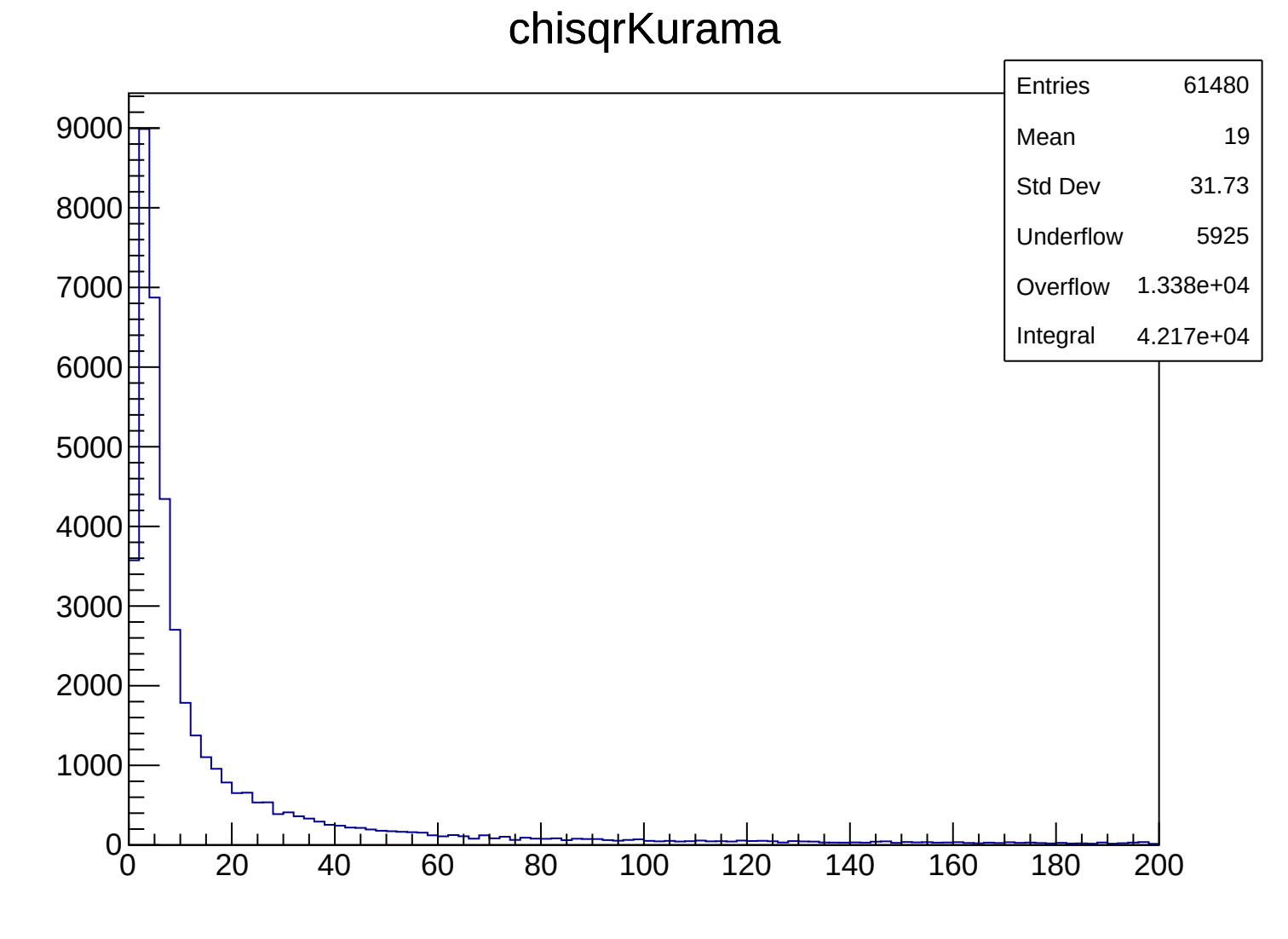
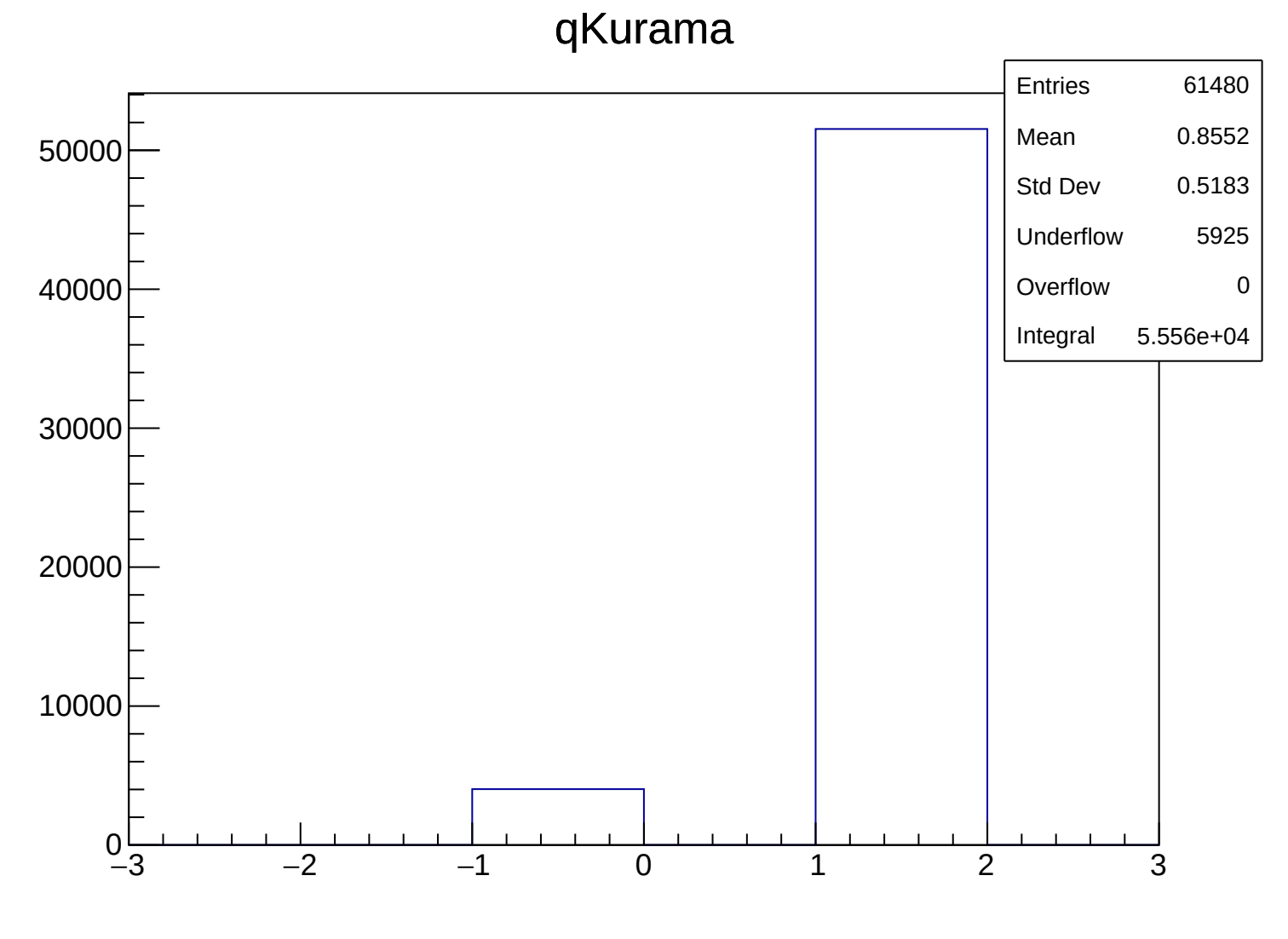
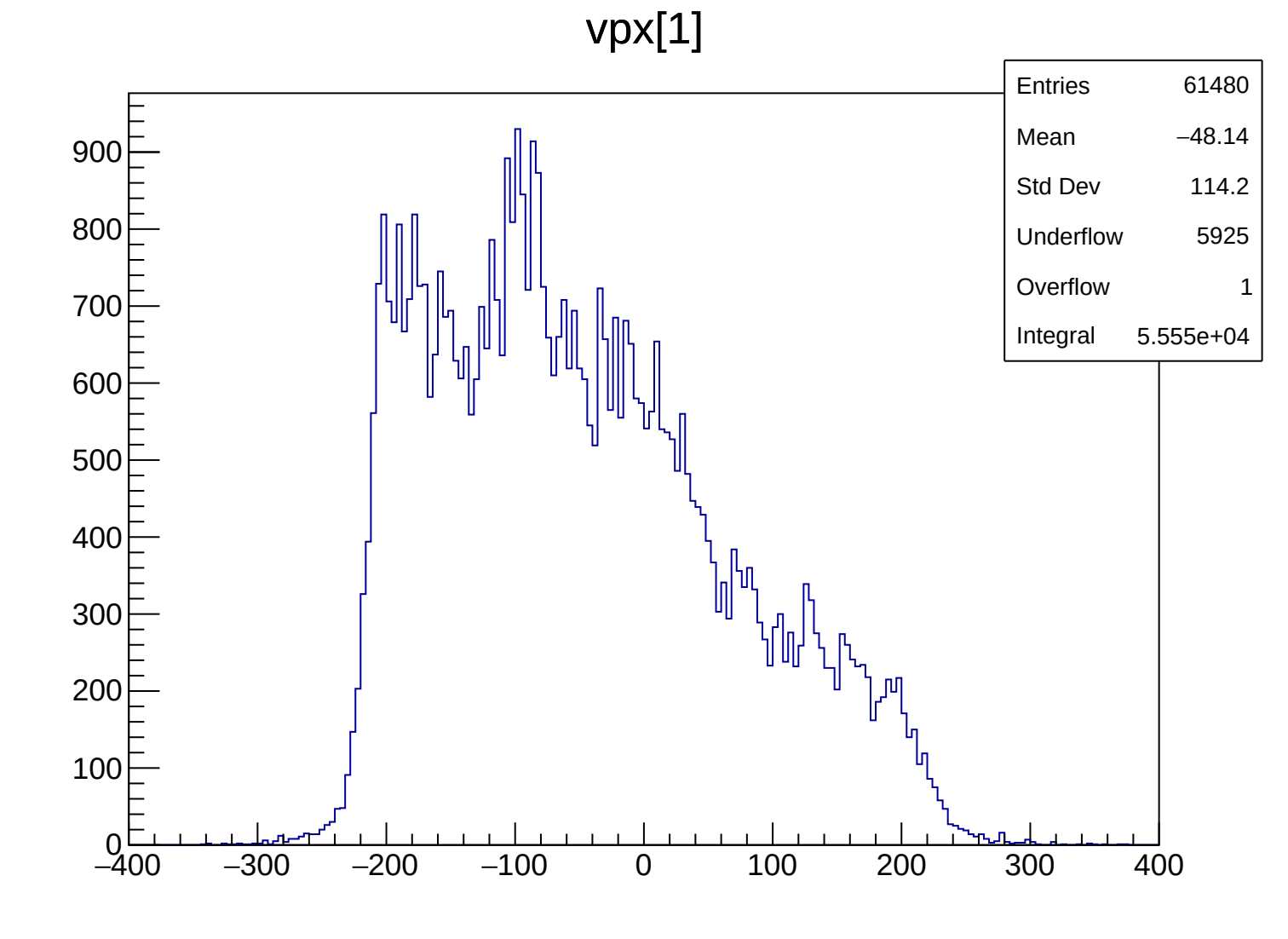
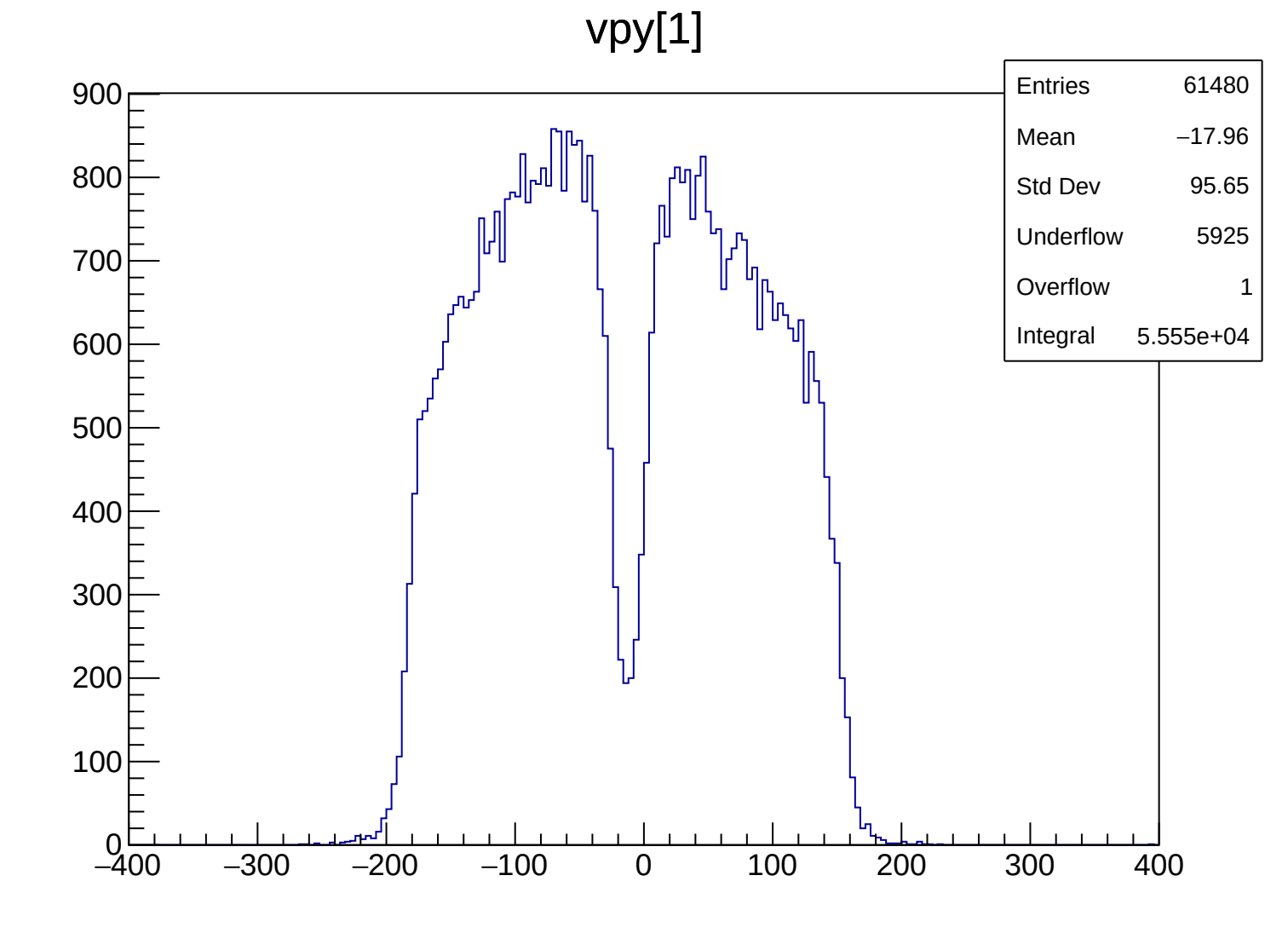

pKurama
Entries 61480
Mean 0.8551
Std Dev 0.2502
Underflow 5925
Overflow 2009
Integral 5.355e+04
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

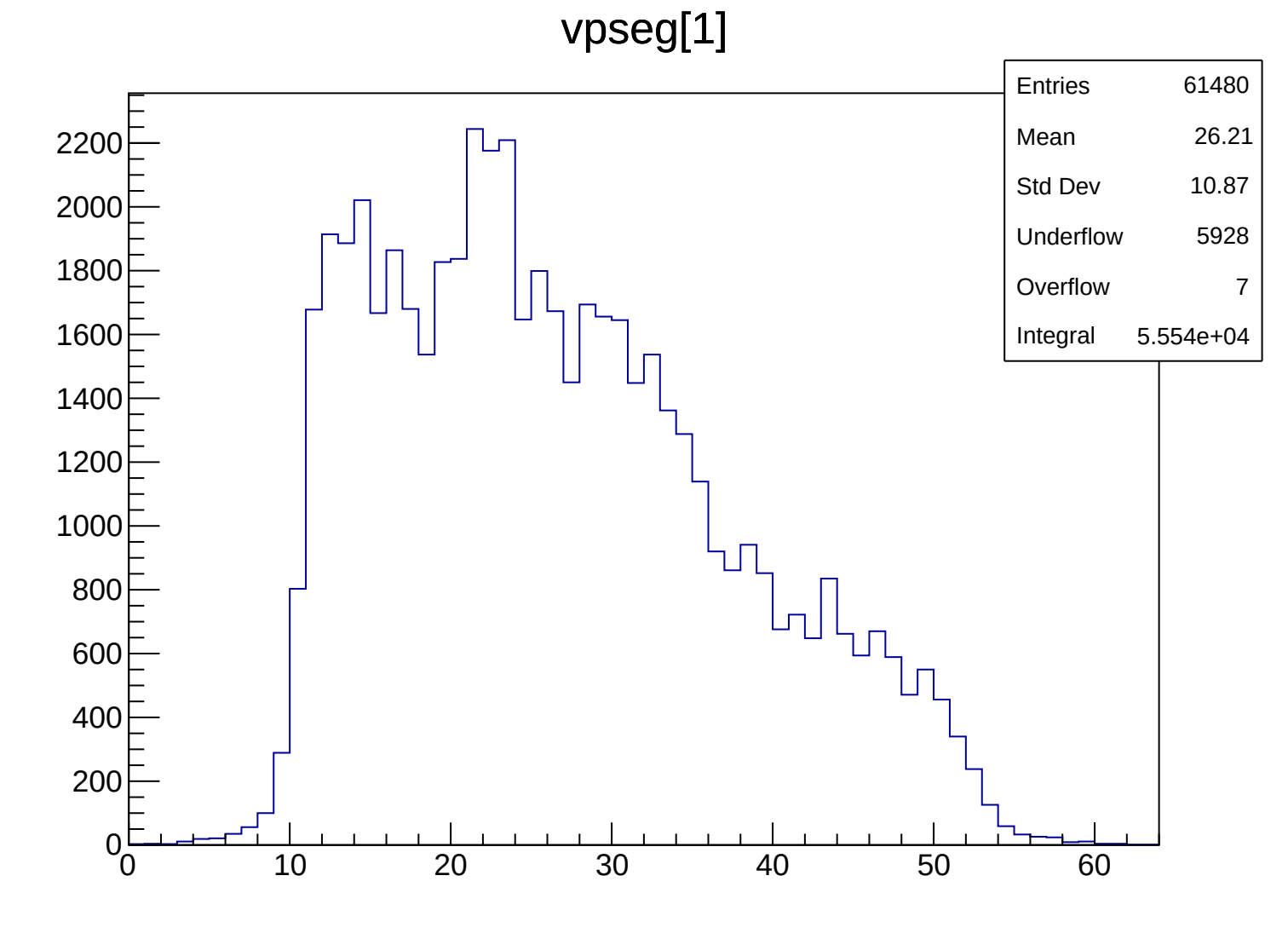

m2
Entries 61480
Mean 0.6345
Std Dev 0.3484
Underflow 4973
Overflow 6573
Integral 4.993e+04
2500
2000
1500
1000
500
0
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

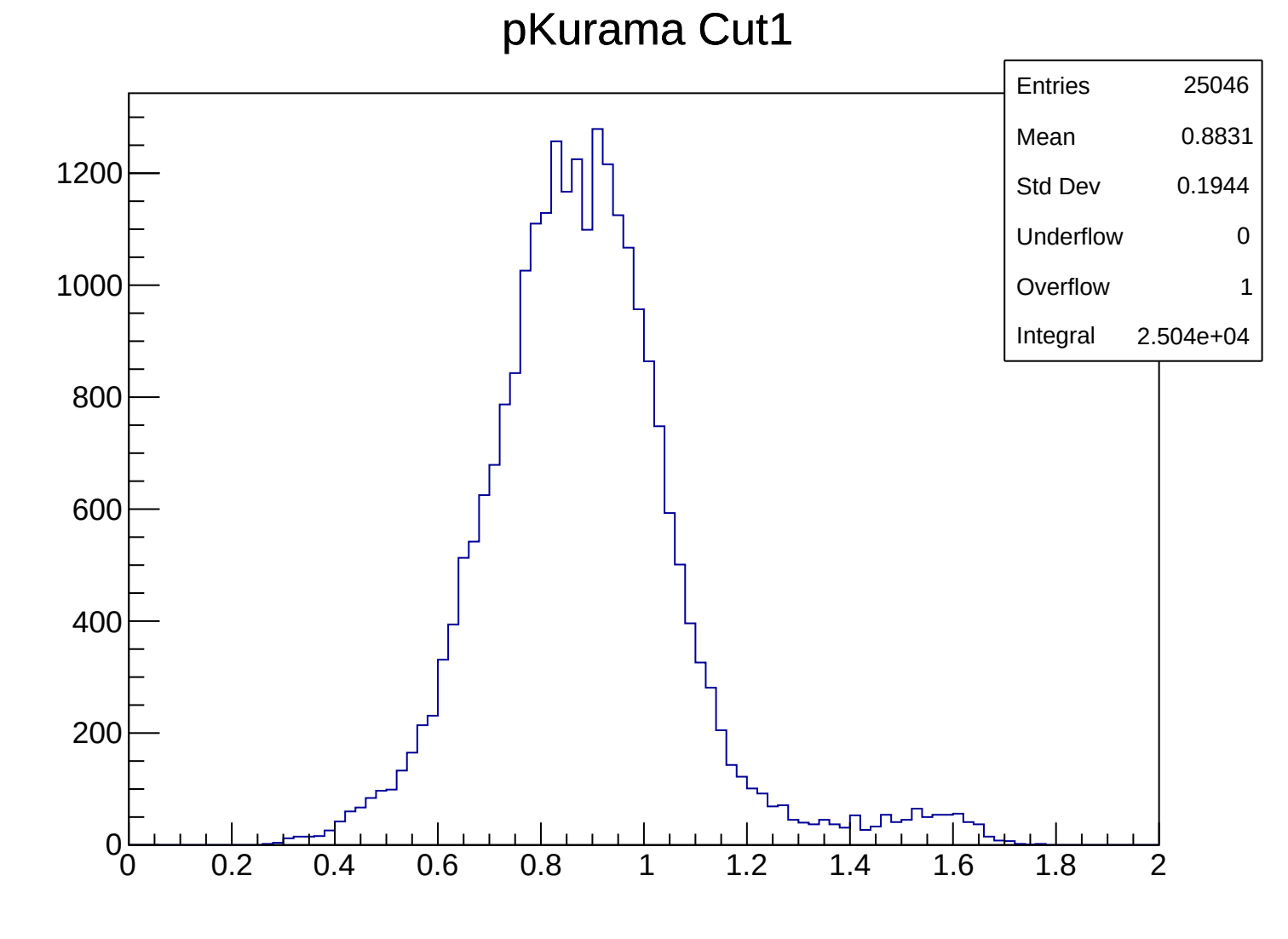

chisqrKurama
Entries 61480
Mean 19
Std Dev 31.73
Underflow 5925
Overflow 1.338e+04
Integral 4.217e+04
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
20
40
60
80
100
120
140
160
180
200

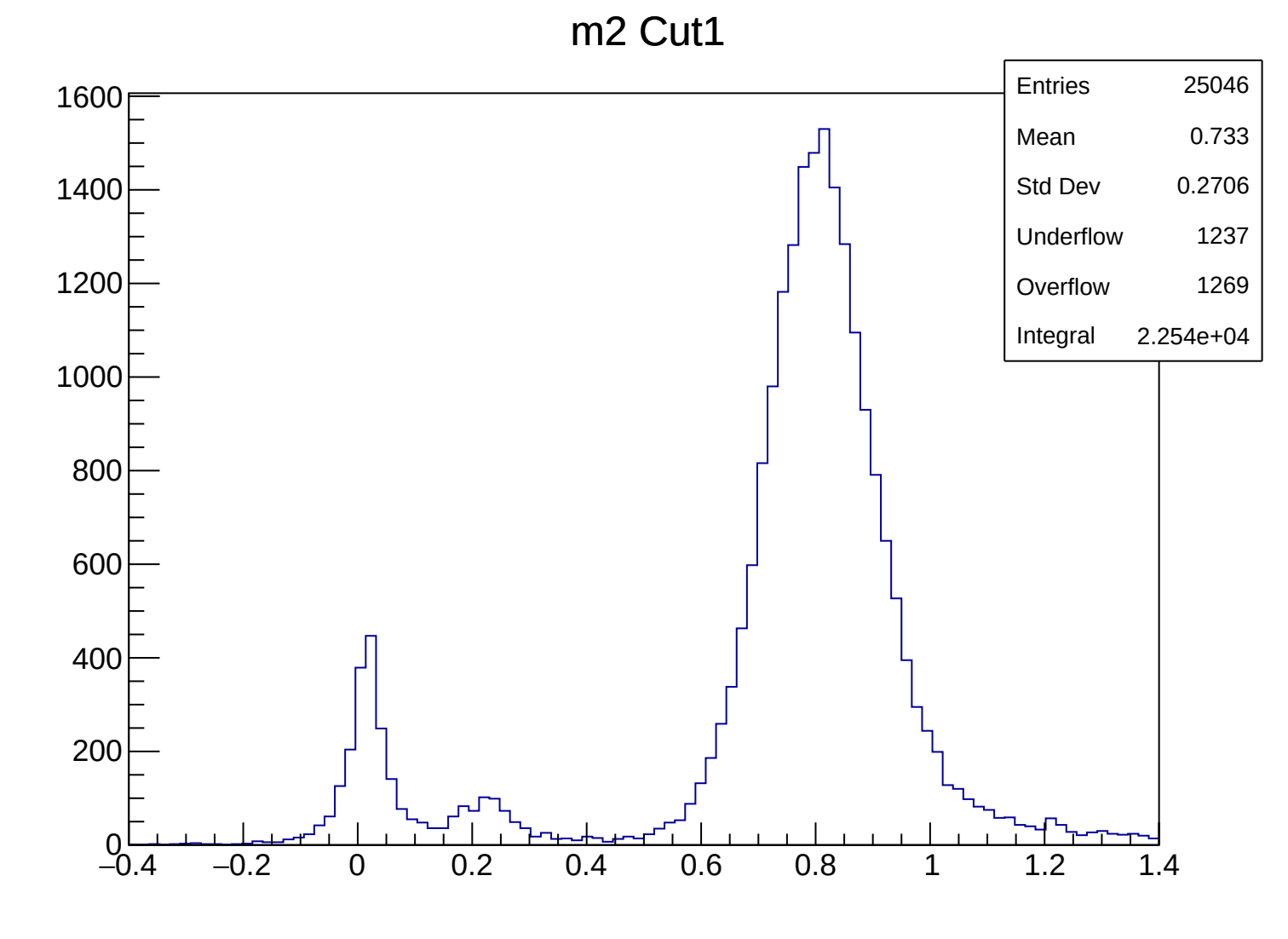

qKurama
Entries 61480
Mean 0.8552
Std Dev 0.5183
Underflow 5925
Overflow 0
Integral 5.556e+04
50000
40000
30000
20000
10000
0
−3
−2
−1
0
1
2
3

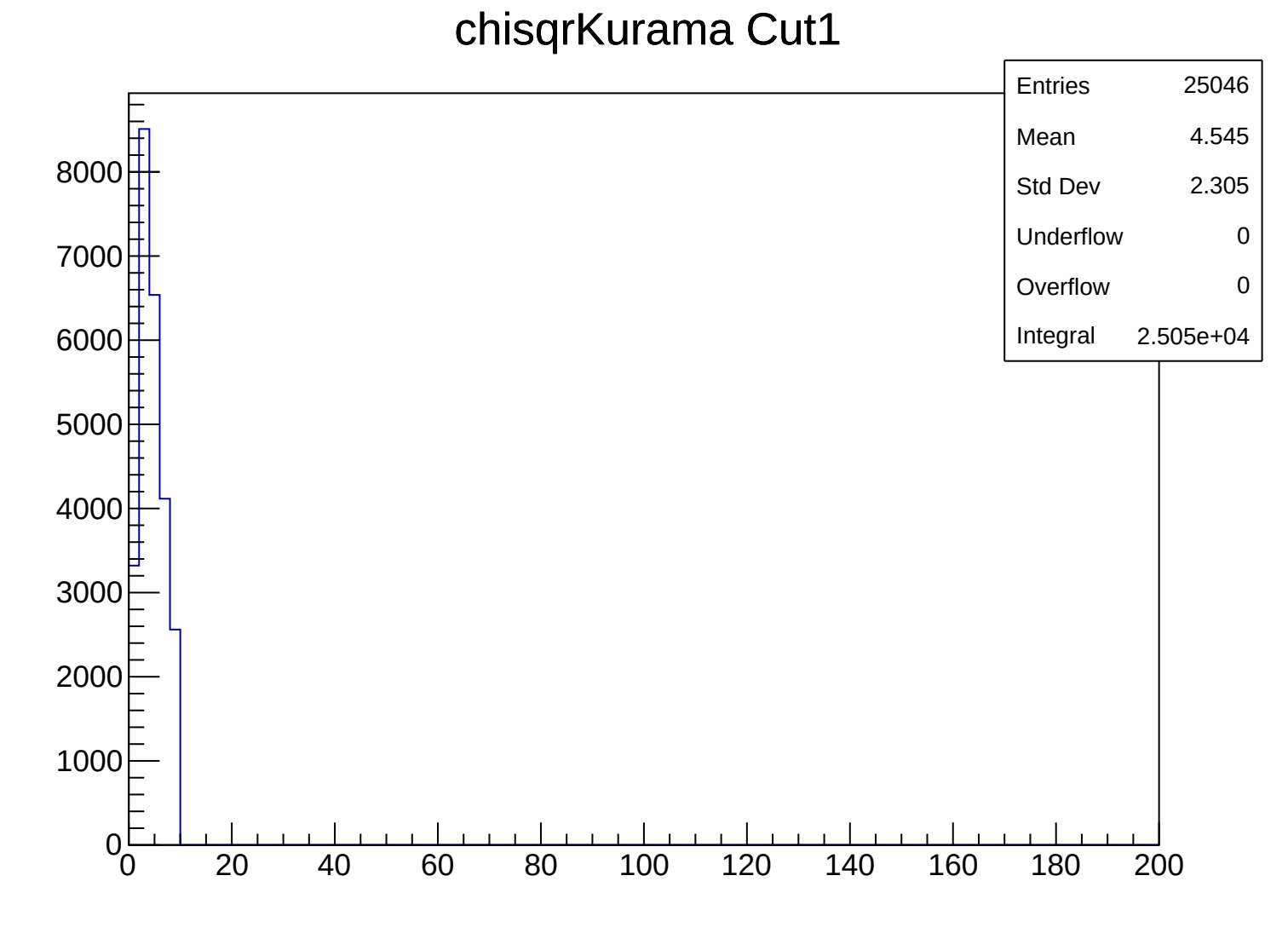

vpx[1]
Entries 61480
Mean −48.14
Std Dev 114.2
Underflow 5925
Overflow 1
Integral 5.555e+04
900
800
700
600
500
400
300
200
100
0
−400
−300
−200
−100
0
100
200
300
400

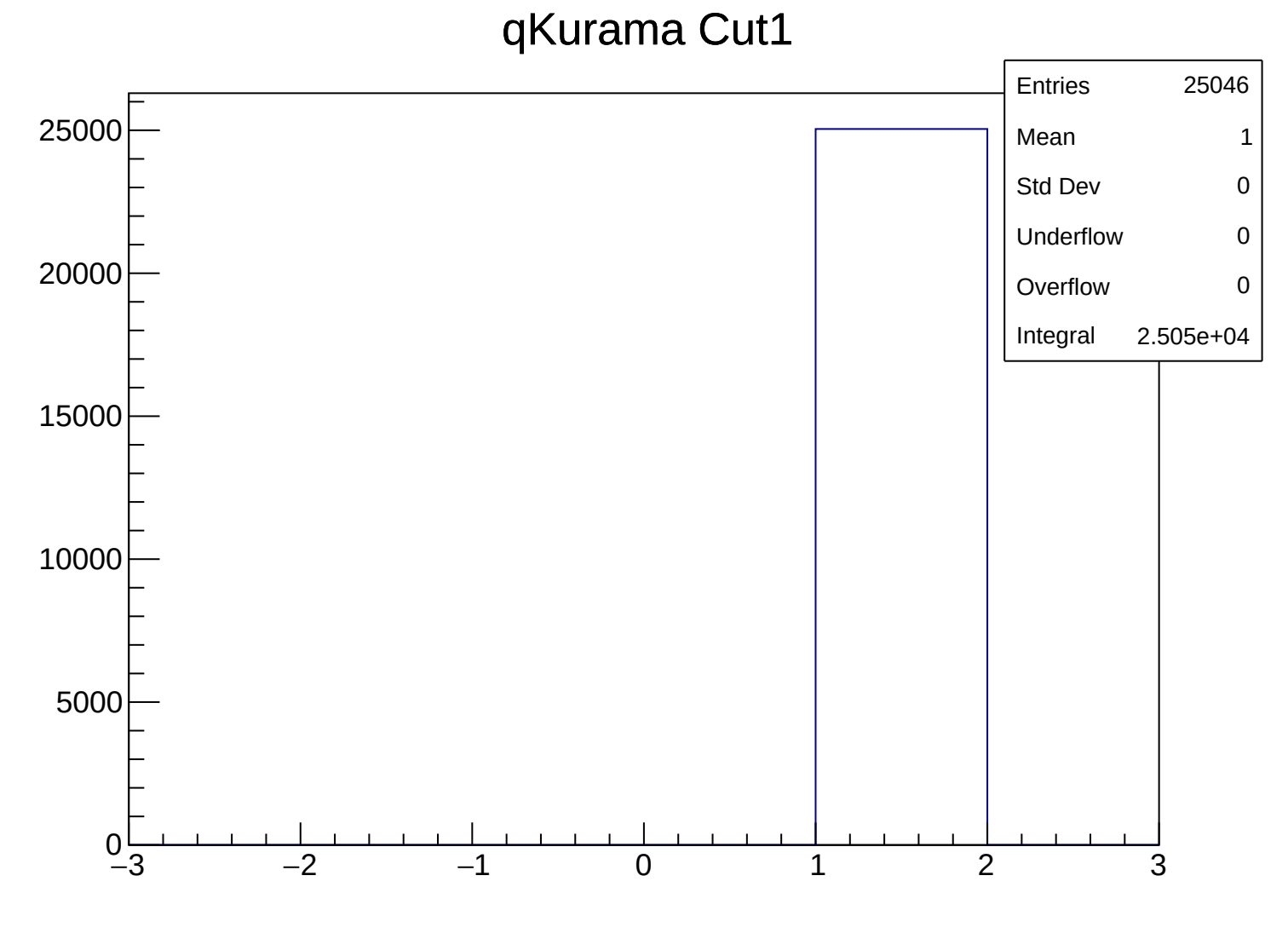

vpy[1]
Entries 61480
Mean –17.96
Std Dev 95.65
Underflow 5925
Overflow 1
Integral 5.555e+04
900
800
700
600
500
400
300
200
100
0
–400
–300
–200
–100
0
100
200
300
400

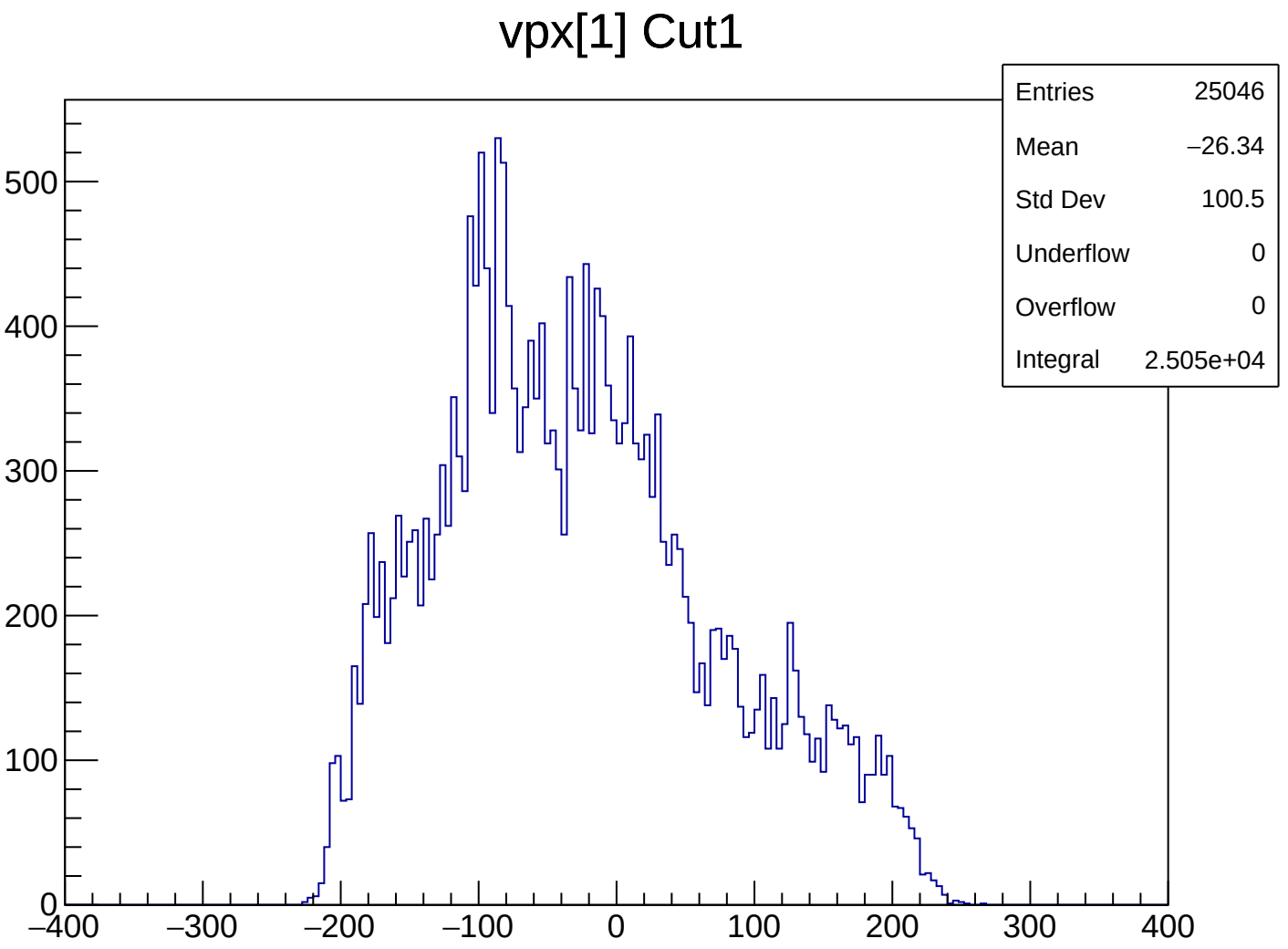

vpseg[1]
Entries 61480
Mean 26.21
Std Dev 10.87
Underflow 5928
Overflow 7
Integral 5.554e+04
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
10
20
30
40
50
60

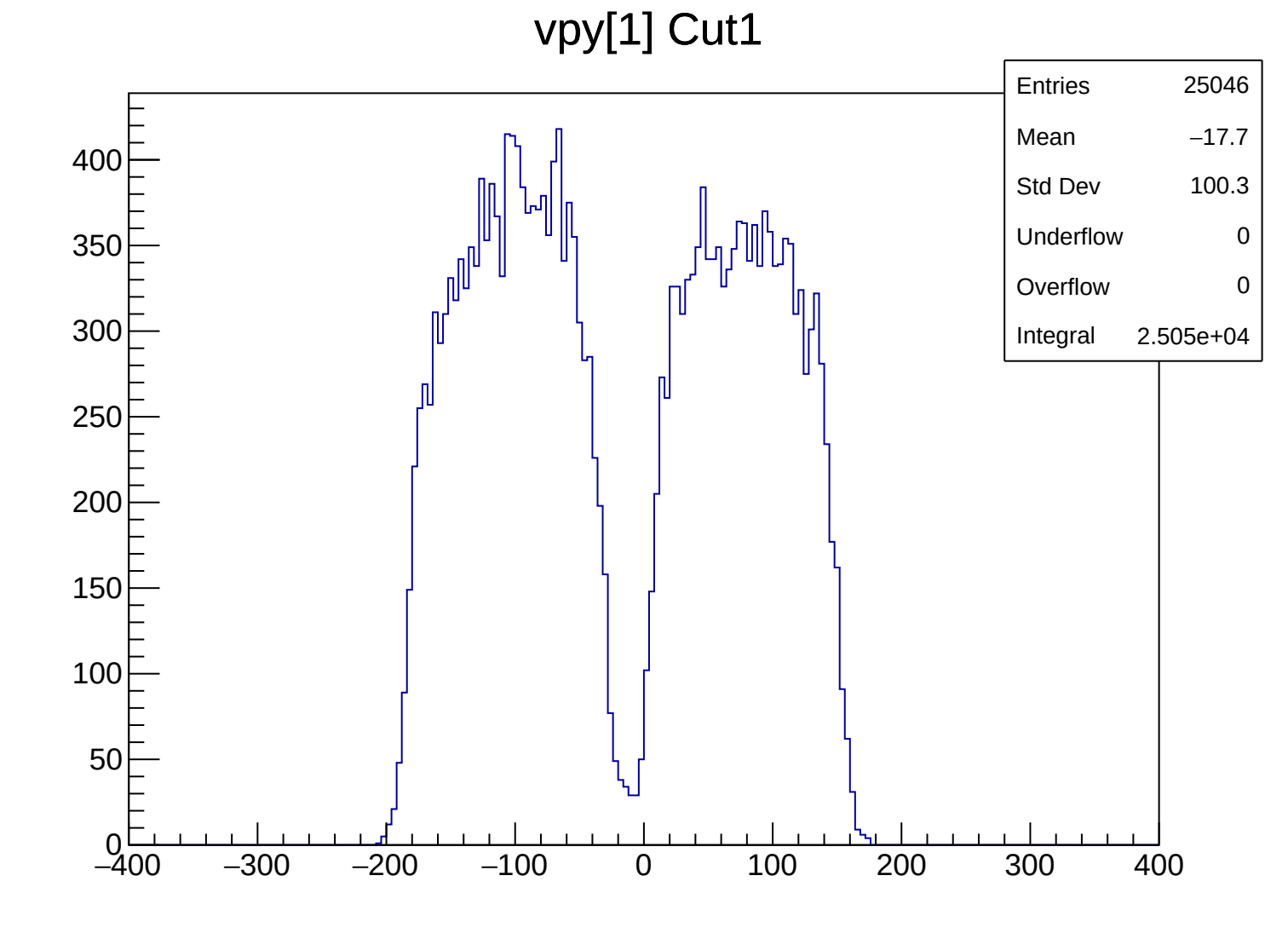

pKurama Cut1
Entries 25046
Mean 0.8831
Std Dev 0.1944
Underflow 0
Overflow 1
Integral 2.504e+04
0
200
400
600
800
1000
1200
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

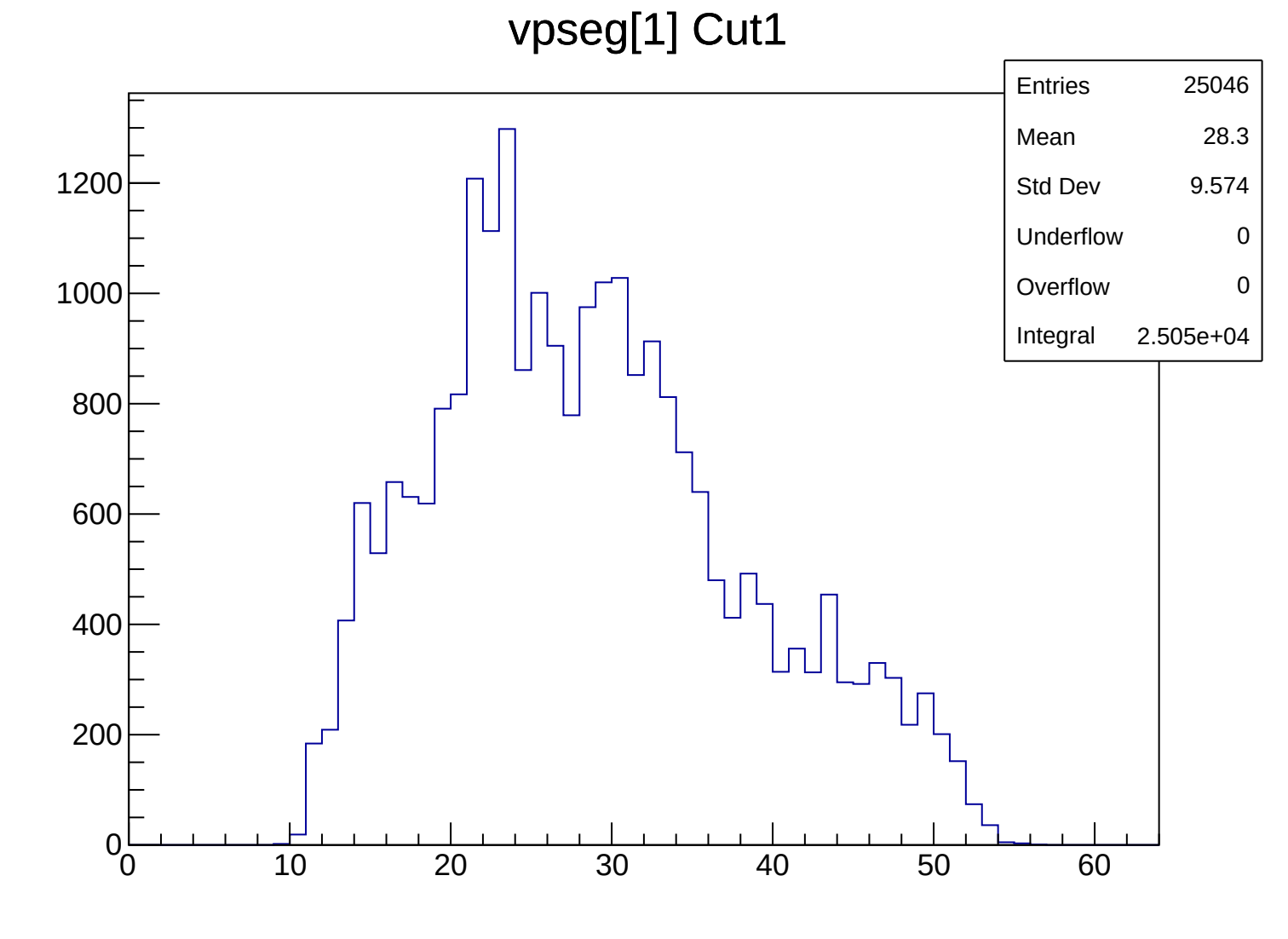

m2 Cut1
Entries 25046
Mean 0.733
Std Dev 0.2706
Underflow 1237
Overflow 1269
Integral 2.254e+04
1600
1400
1200
1000
800
600
400
200
0
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

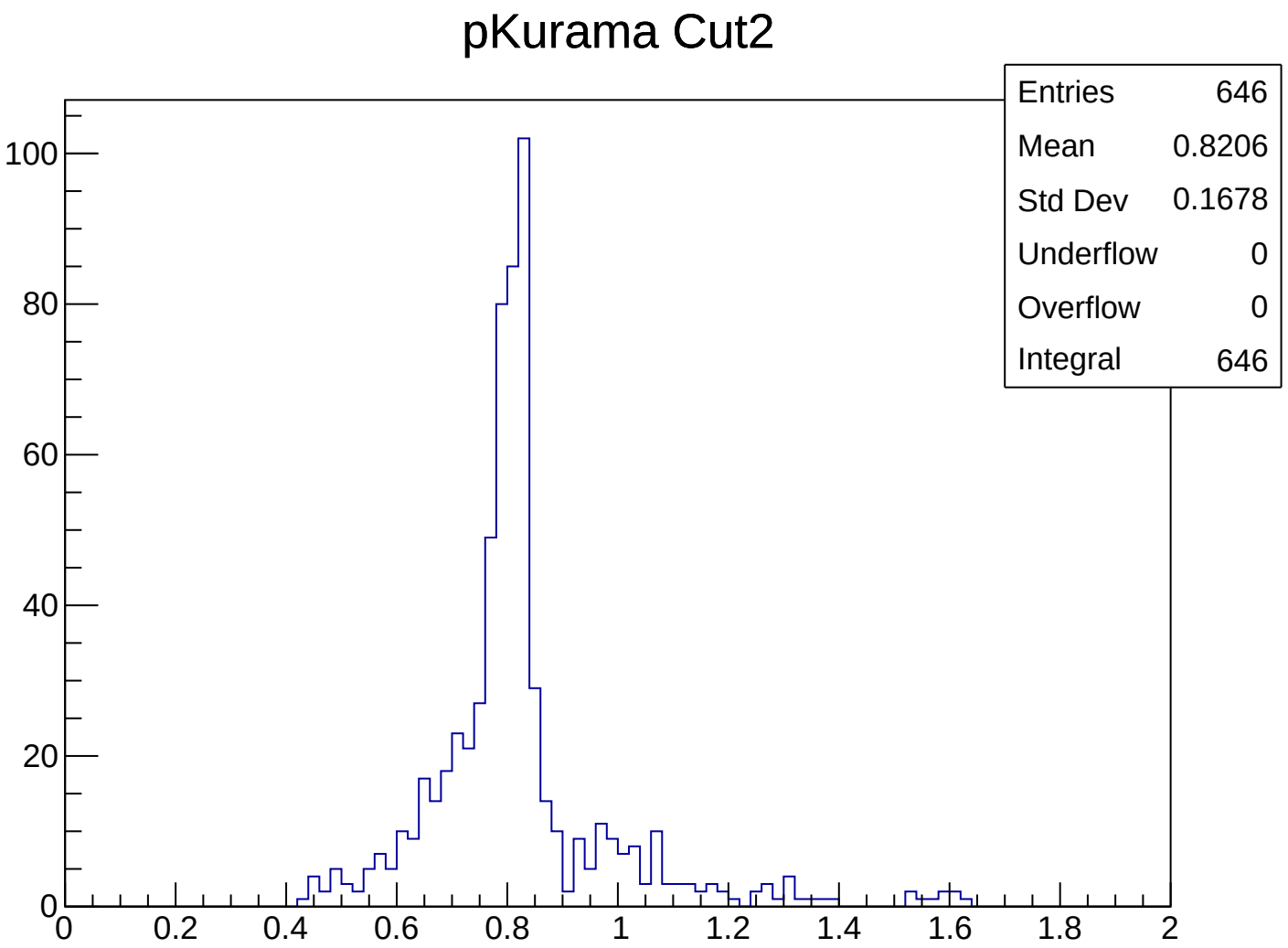

chisqrKurama Cut1
Entries 25046
Mean 4.545
Std Dev 2.305
Underflow 0
Overflow 0
Integral 2.505e+04
8000
7000
6000
5000
4000
3000
2000
1000
0
0
20
40
60
80
100
120
140
160
180
200

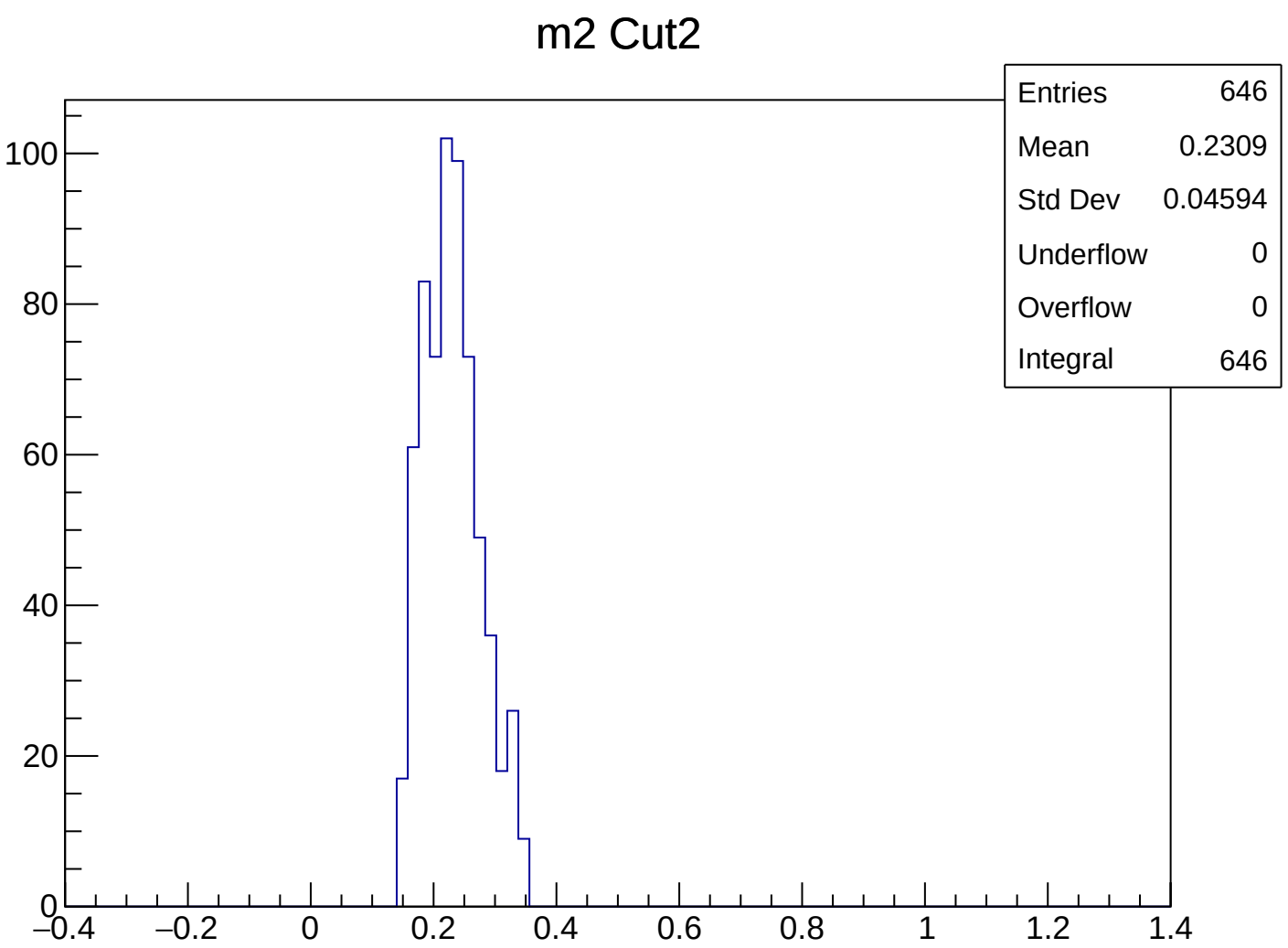

qKurama Cut1
Entries 25046
Mean 1
Std Dev 0
Underflow 0
Overflow 0
Integral 2.505e+04
25000
20000
15000
10000
5000
0
−3
−2
−1
0
1
2
3

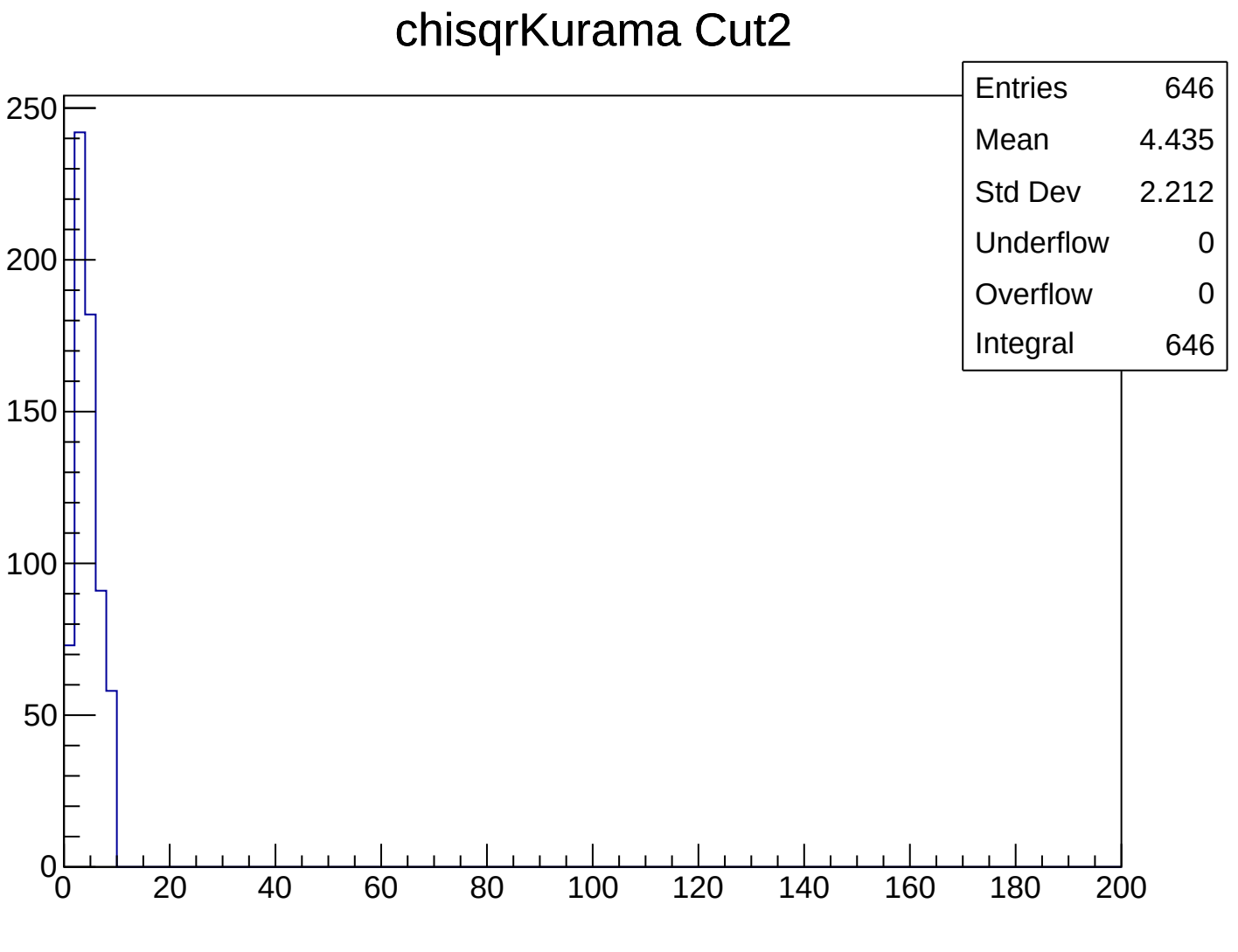

vpx[1] Cut1
Entries 25046
Mean −26.34
Std Dev 100.5
Underflow 0
Overflow 0
Integral 2.505e+04
500
400
300
200
100
0
−400
−300
−200
−100
0
100
200
300
400

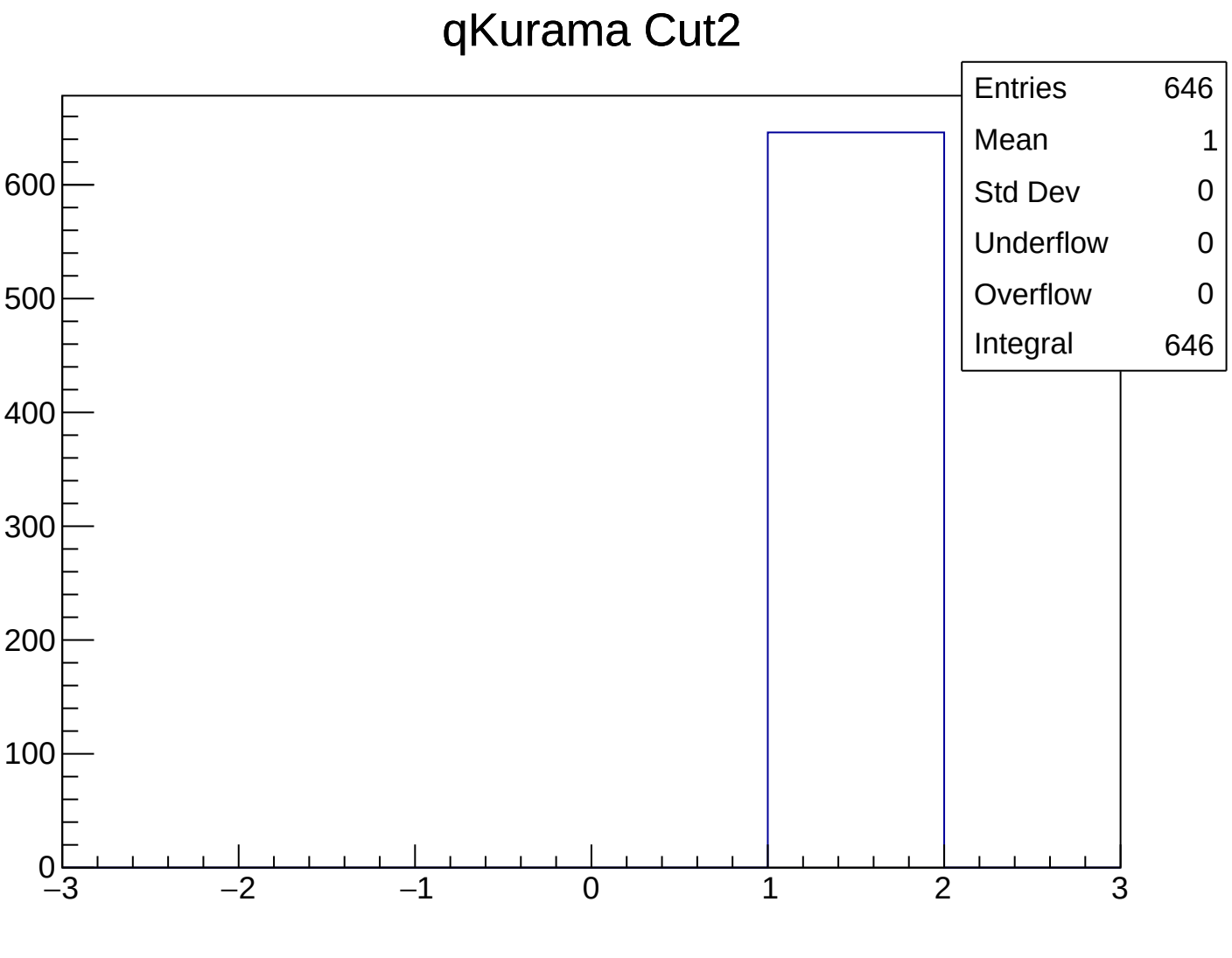

vpy[1] Cut1
Entries 25046
Mean −17.7
Std Dev 100.3
Underflow 0
Overflow 0
Integral 2.505e+04
400
350
300
250
200
150
100
50
0
−400
−300
−200
−100
0
100
200
300
400

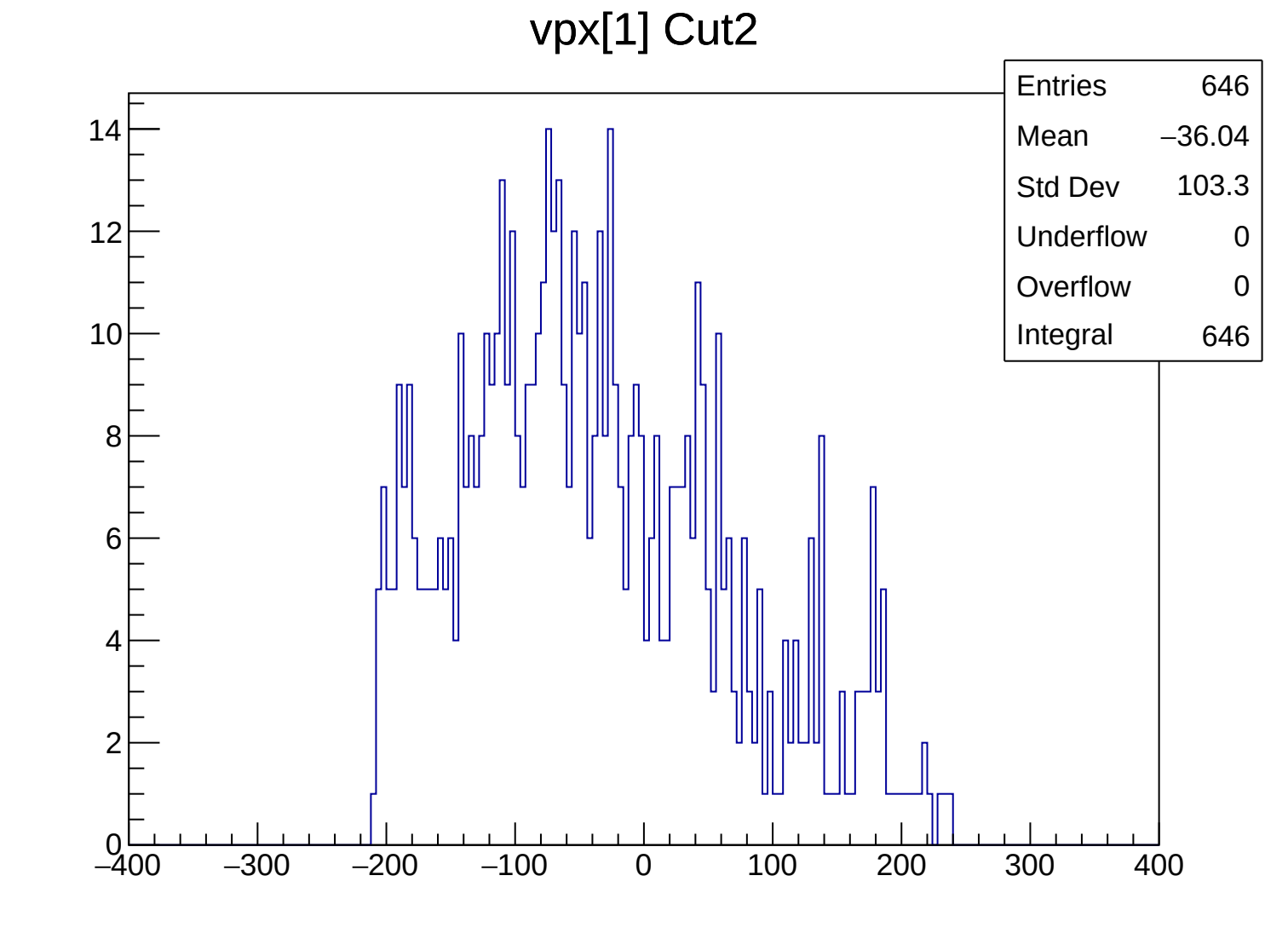

vpseg[1] Cut1
Entries 25046
Mean 28.3
Std Dev 9.574
Underflow 0
Overflow 0
Integral 2.505e+04
0
200
400
600
800
1000
1200
0
10
20
30
40
50
60

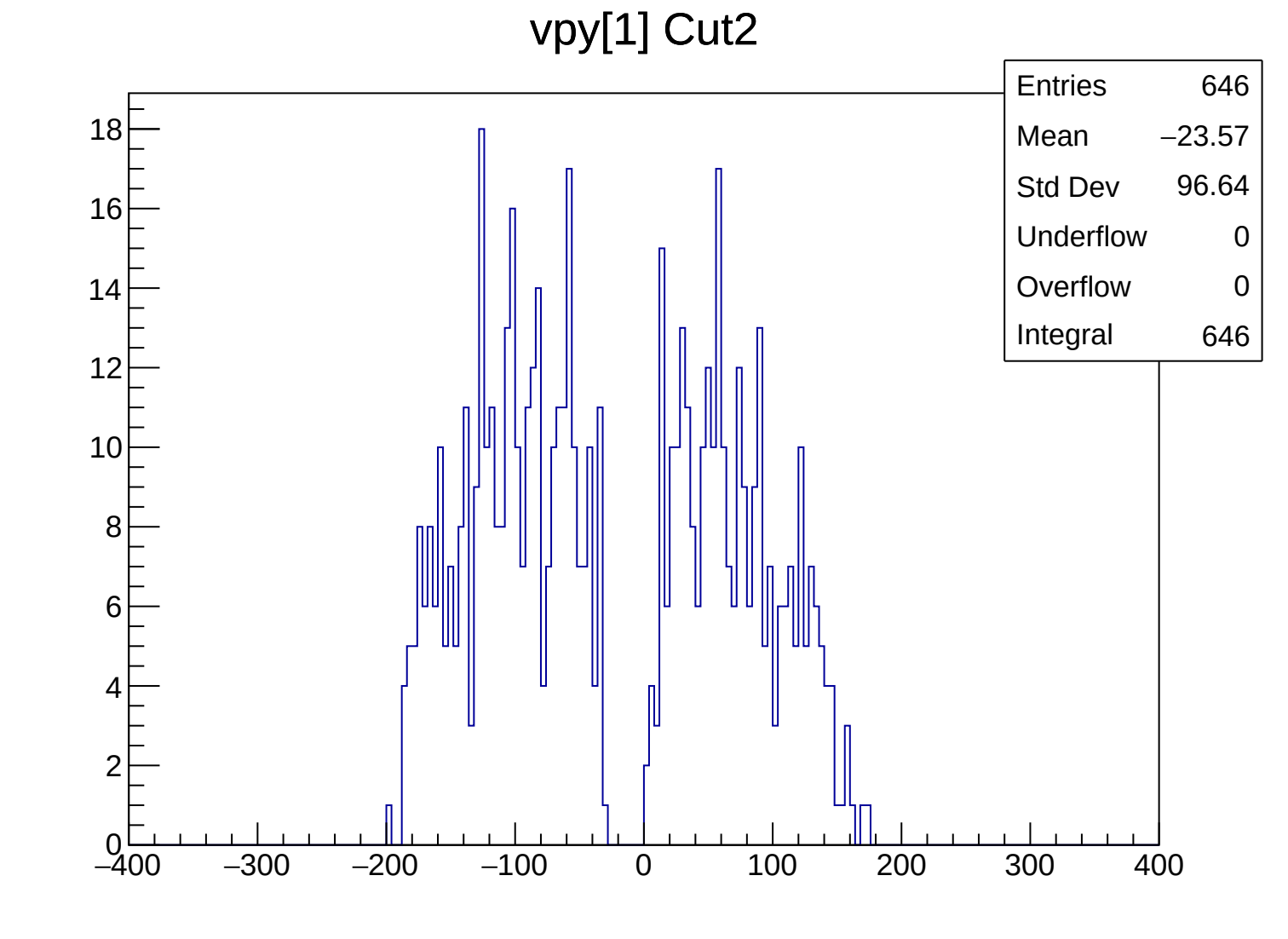

pKurama Cut2
Entries 646
Mean 0.8206
Std Dev 0.1678
Underflow 0
Overflow 0
Integral 646
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

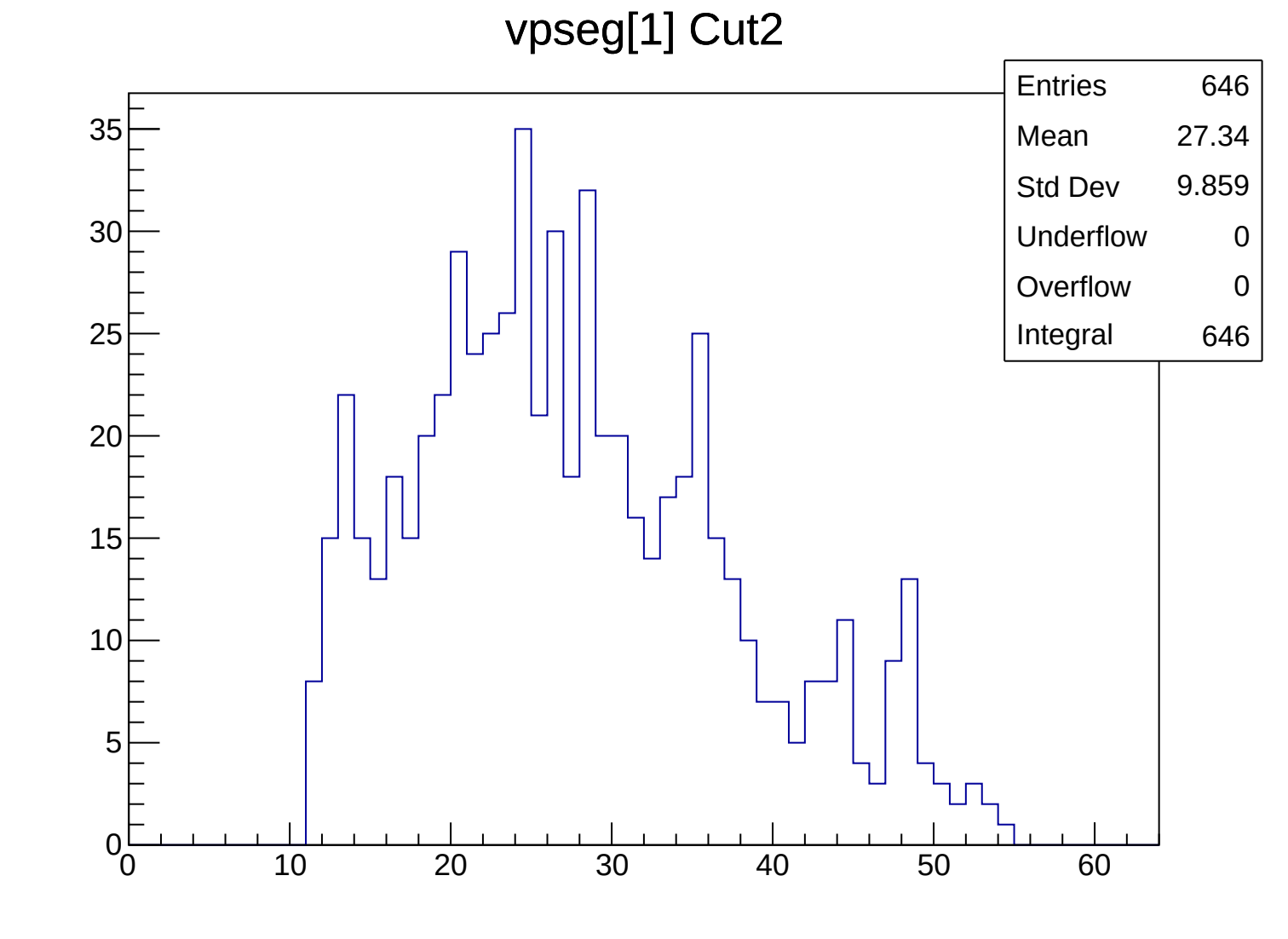

m2 Cut2
Entries 646
Mean 0.2309
Std Dev 0.04594
Underflow 0
Overflow 0
Integral 646
100
80
60
40
20
0
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

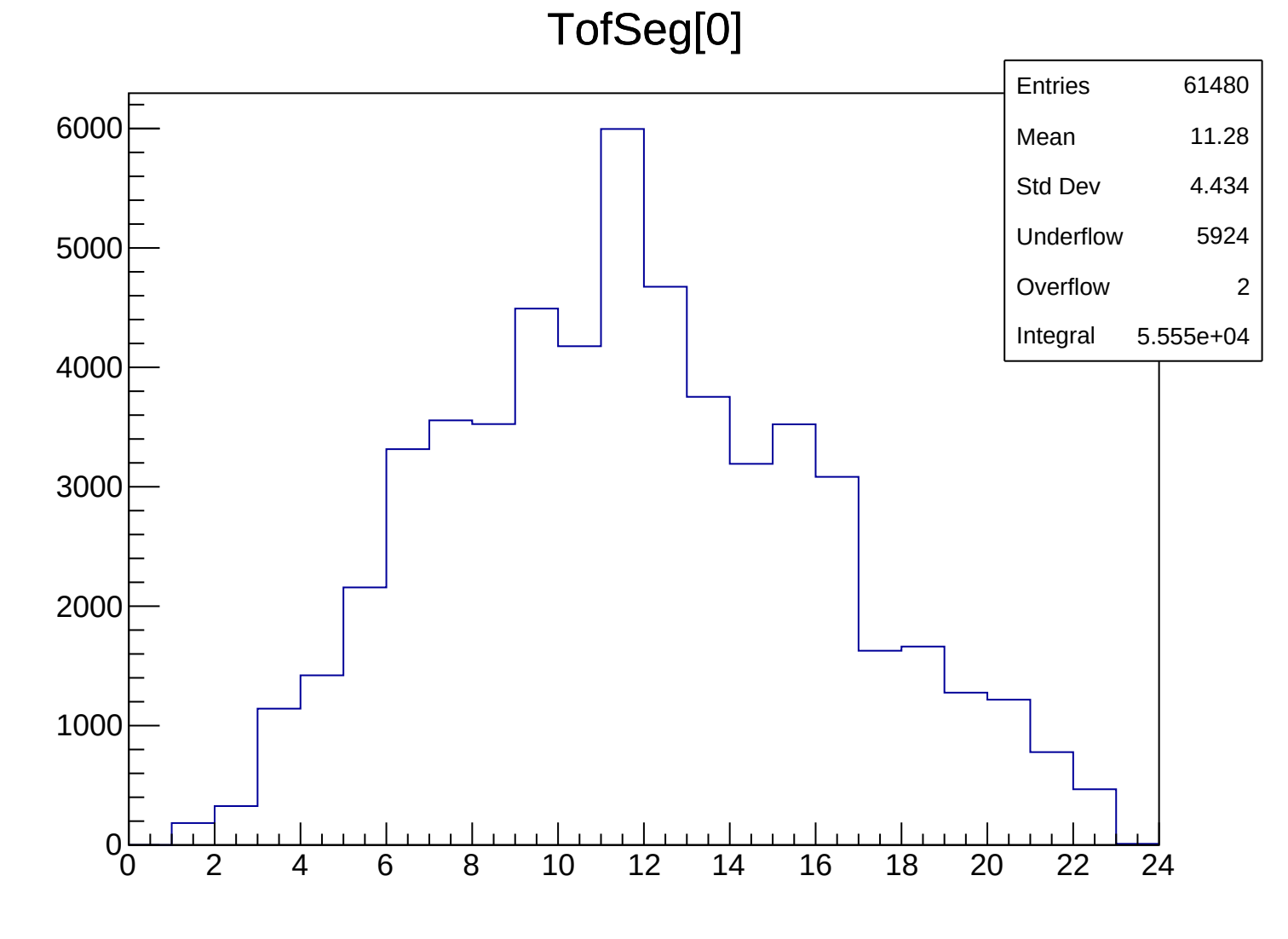

chisqrKurama Cut2
Entries 646
Mean 4.435
Std Dev 2.212
Underflow 0
Overflow 0
Integral 646
250
200
150
100
50
0
0
20
40
60
80
100
120
140
160
180
200

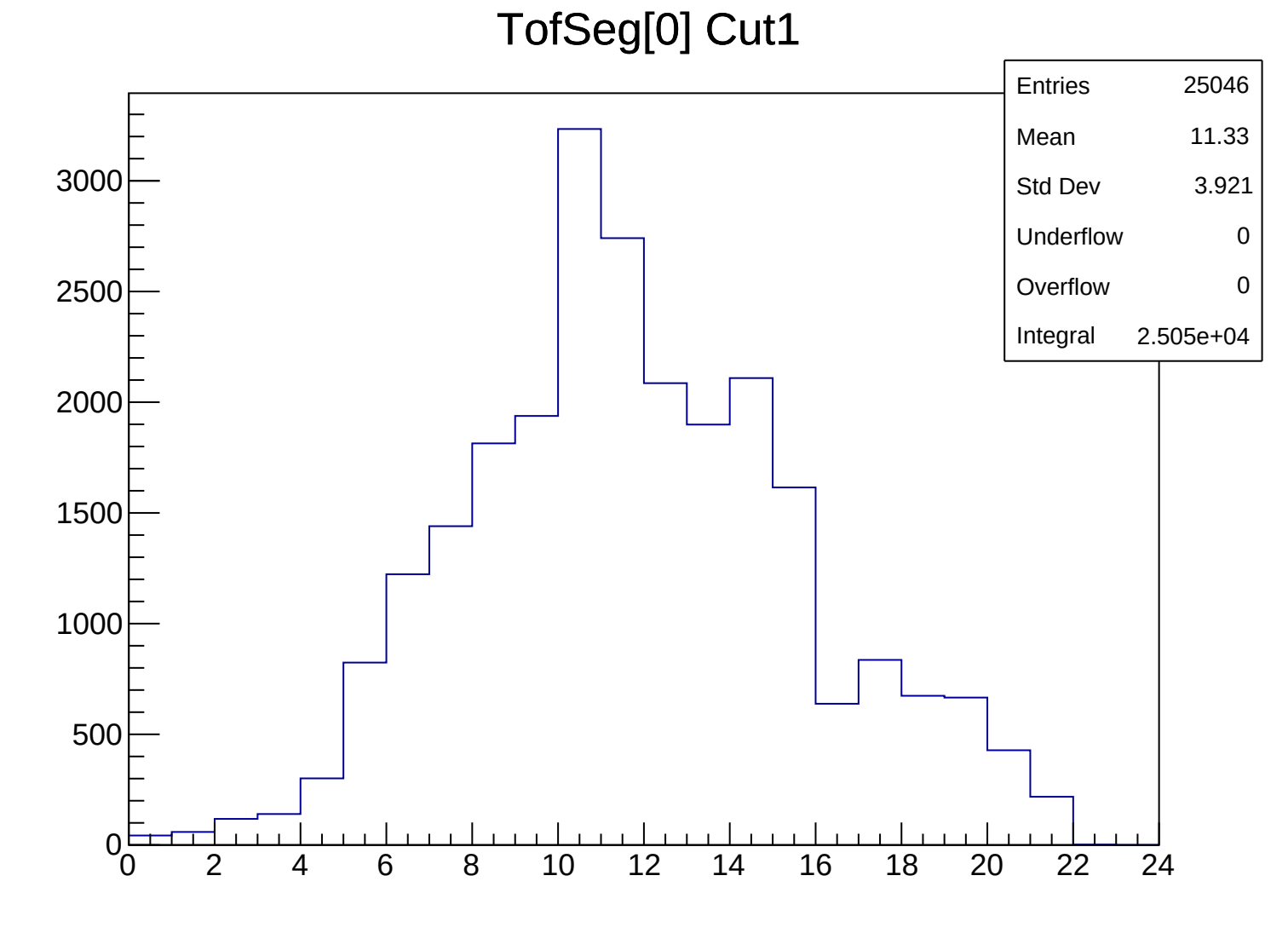

qKurama Cut2
Entries 646
Mean 1
Std Dev 0
Underflow 0
Overflow 0
Integral 646
600
500
400
300
200
100
0
−3
−2
−1
0
1
2
3

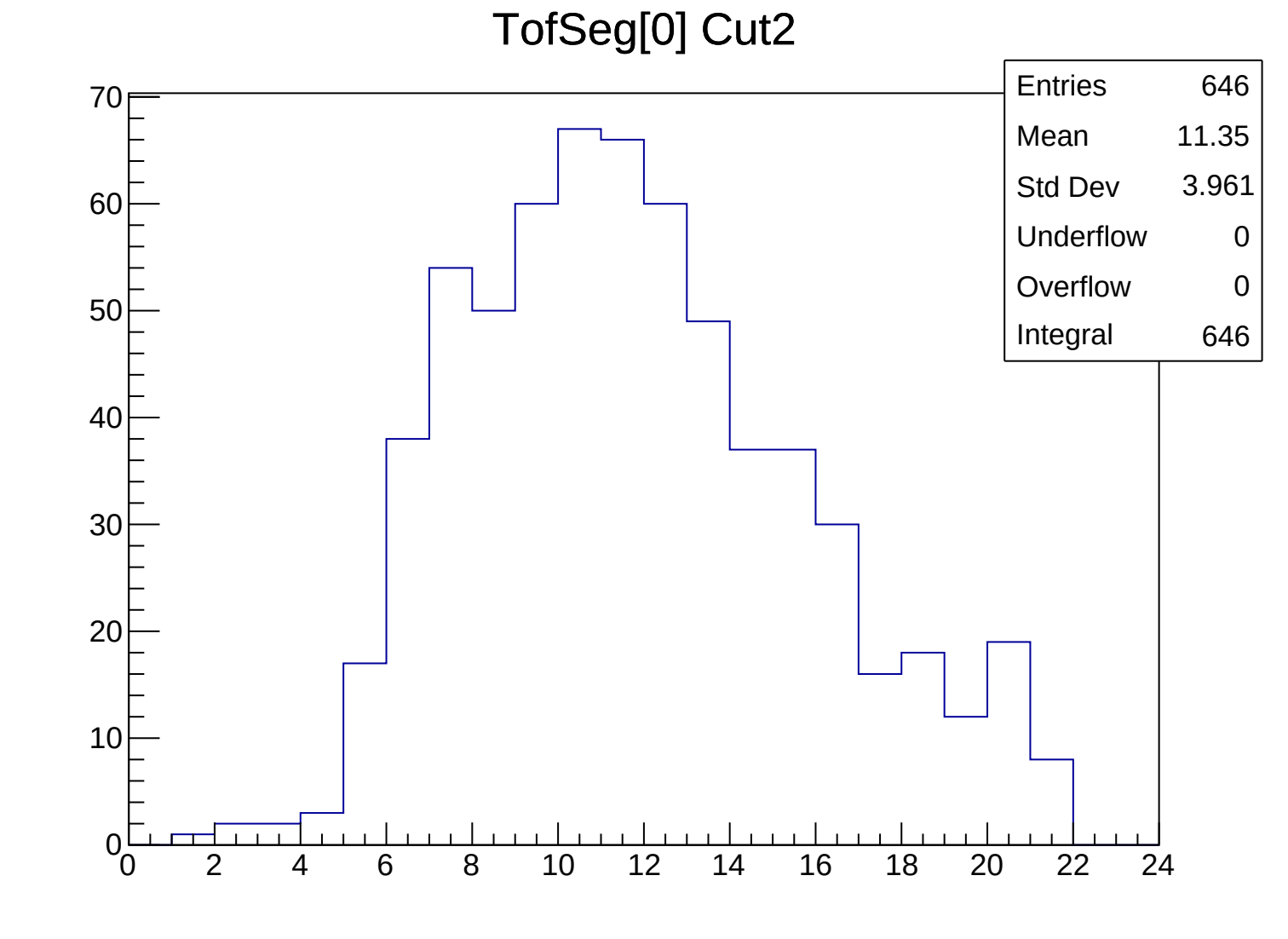

vpx[1] Cut2
Entries 646
Mean –36.04
Std Dev 103.3
Underflow 0
Overflow 0
Integral 646
14
12
10
8
6
4
2
0
–400
–300
–200
–100
0
100
200
300
400

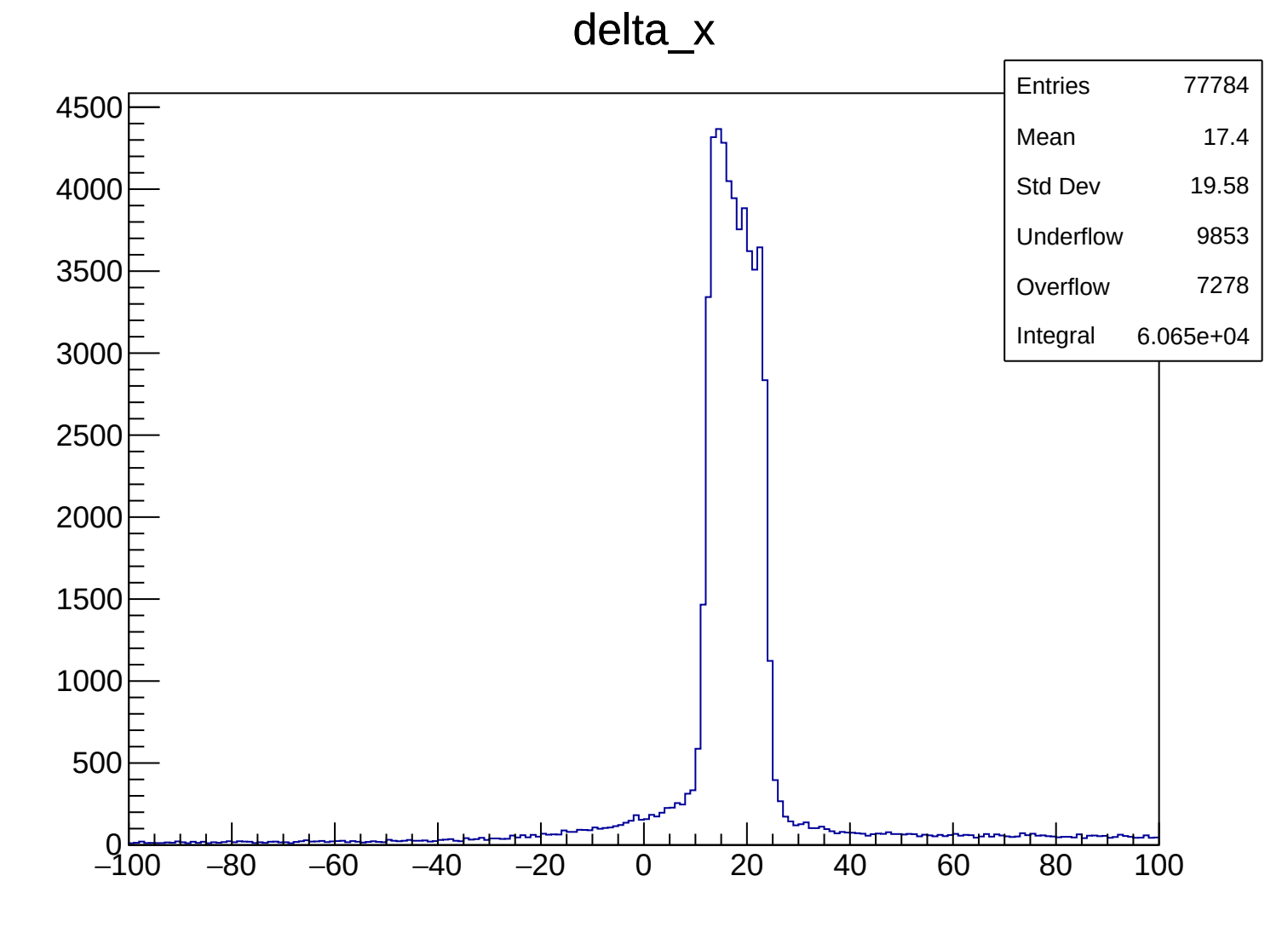

vpy[1] Cut2
Entries 646
Mean −23.57
Std Dev 96.64
Underflow 0
Overflow 0
Integral 646
18
16
14
12
10
8
6
4
2
0
−400
−300
−200
−100
0
100
200
300
400

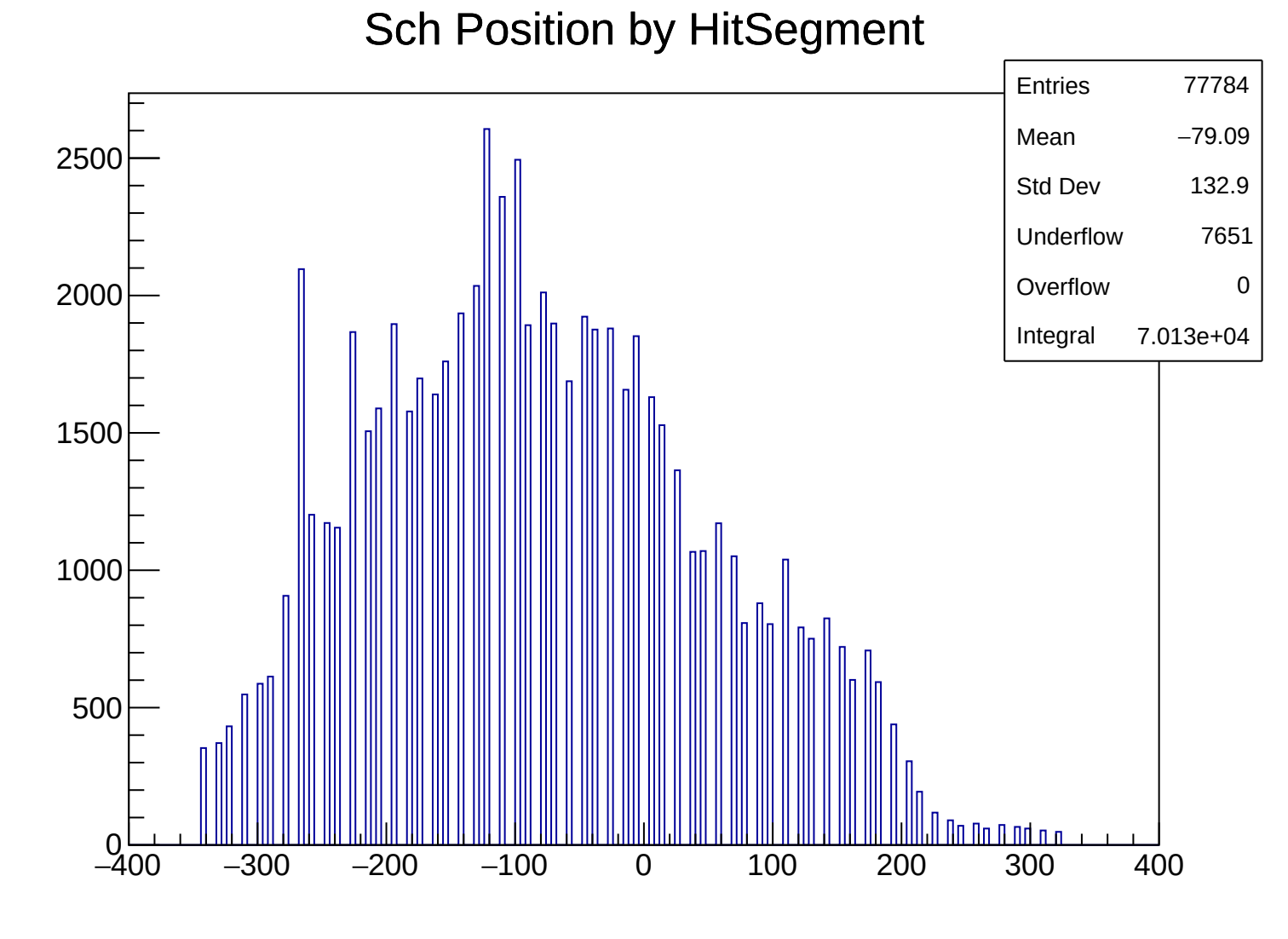

vpseg[1] Cut2
Entries 646
Mean 27.34
Std Dev 9.859
Underflow 0
Overflow 0
Integral 646
0
5
10
15
20
25
30
35
0
10
20
30
40
50
60

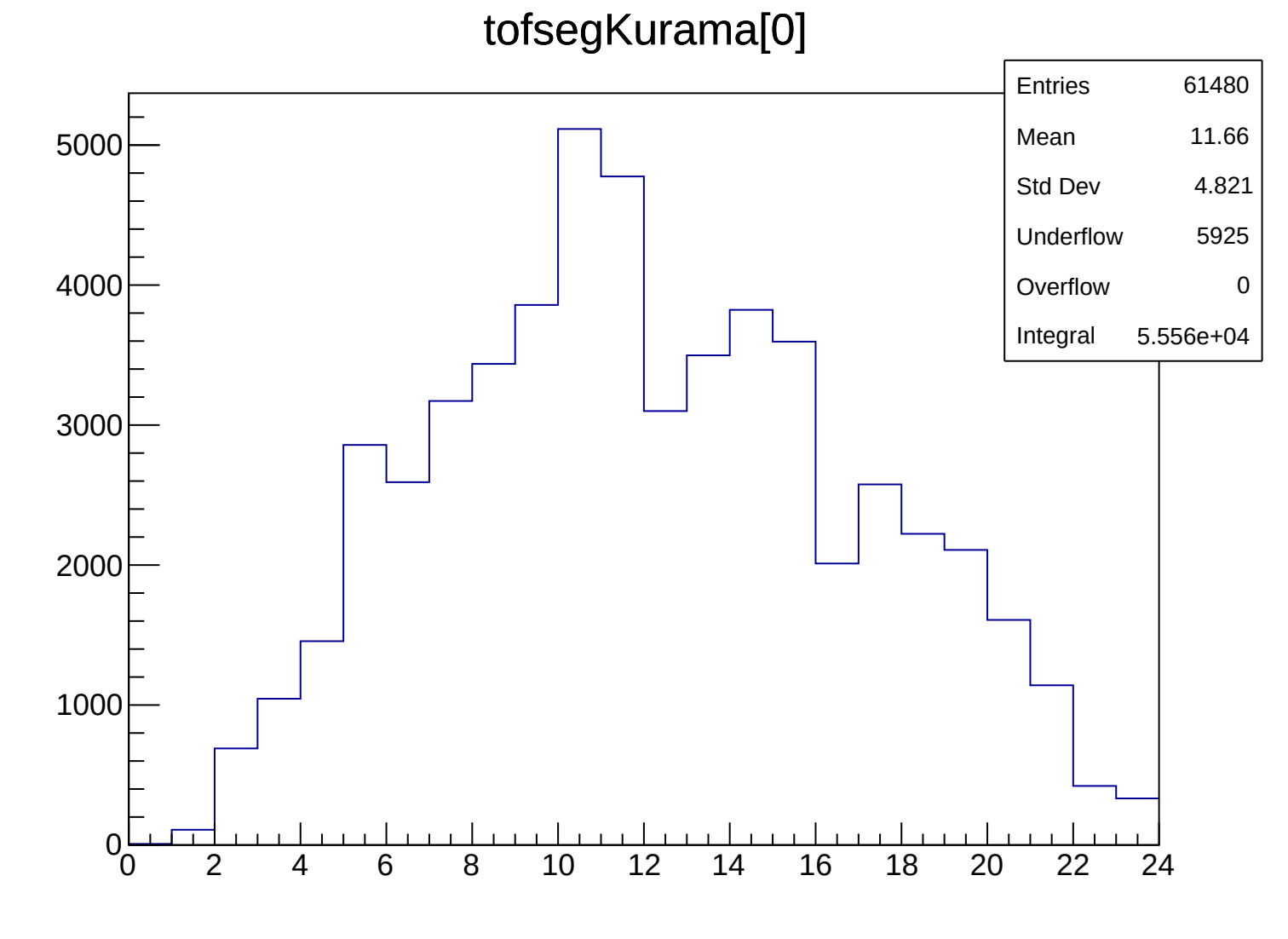

TofSeg[0]
Entries 61480
Mean 11.28
Std Dev 4.434
Underflow 5924
Overflow 2
Integral 5.555e+04
6000
5000
4000
3000
2000
1000
0
0
2
4
6
8
10
12
14
16
18
20
22
24

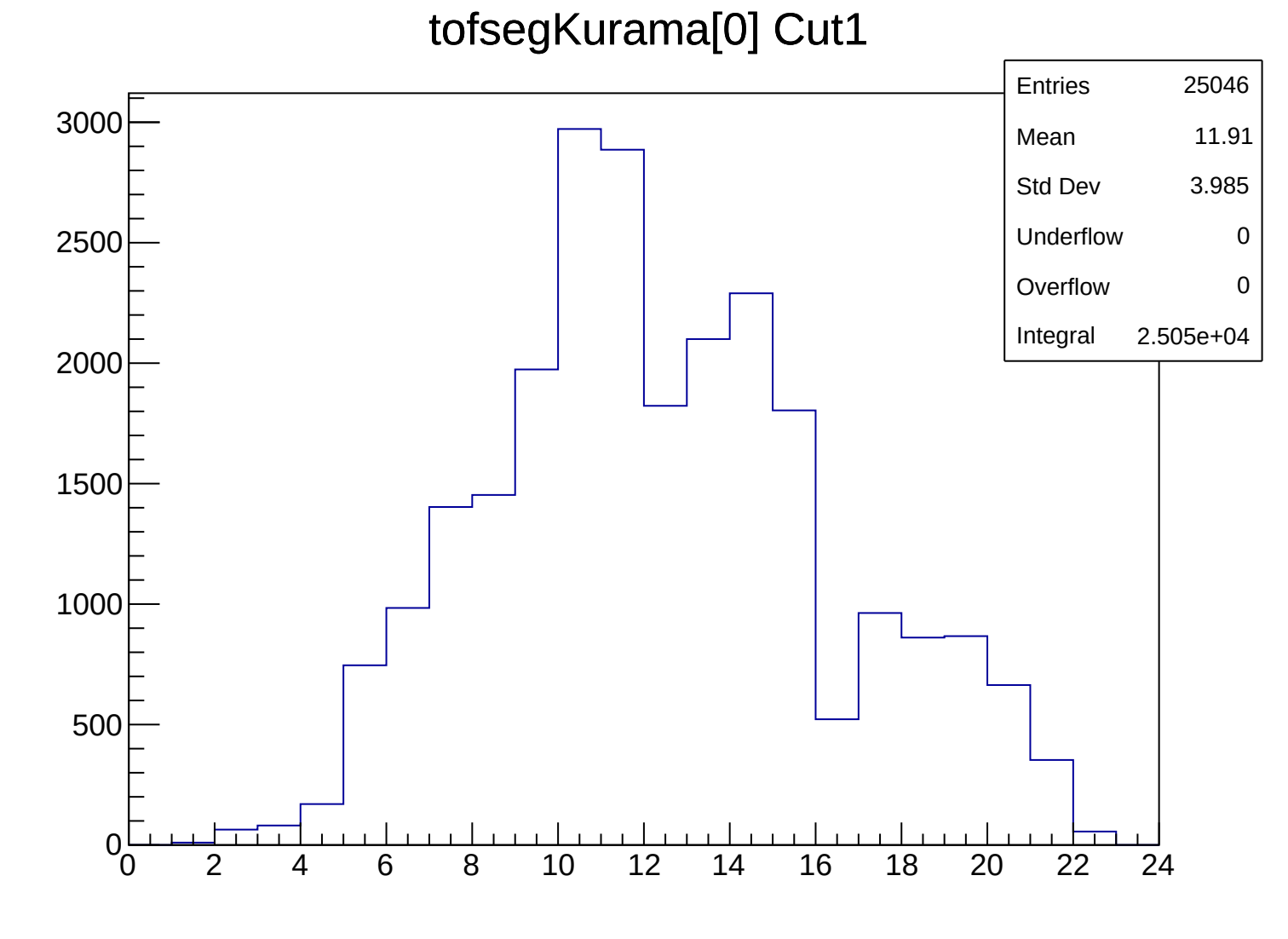

TofSeg[0] Cut1
Entries 25046
Mean 11.33
Std Dev 3.921
Underflow 0
Overflow 0
Integral 2.505e+04
3000
2500
2000
1500
1000
500
0
0
2
4
6
8
10
12
14
16
18
20
22
24


TofSeg[0] Cut2
Entries 646
Mean 11.35
Std Dev 3.961
Underflow 0
Overflow 0
Integral 646
70
60
50
40
30
20
10
0
0
2
4
6
8
10
12
14
16
18
20
22
24


delta_x
Entries 77784
Mean 17.4
Std Dev 19.58
Underflow 9853
Overflow 7278
Integral 6.065e+04
4500
4000
3500
3000
2500
2000
1500
1000
500
0
–100
–80
–60
–40
–20
0
20
40
60
80
100


Sch Position by HitSegment
Entries 77784
Mean −79.09
Std Dev 132.9
Underflow 7651
Overflow 0
Integral 7.013e+04
2500
2000
1500
1000
500
0
−400
−300
−200
−100
0
100
200
300
400


tofsegKurama[0]
Entries 61480
Mean 11.66
Std Dev 4.821
Underflow 5925
Overflow 0
Integral 5.556e+04
5000
4000
3000
2000
1000
0
0
2
4
6
8
10
12
14
16
18
20
22
24


tofsegKurama[0] Cut1
Entries 25046
Mean 11.91
Std Dev 3.985
Underflow 0
Overflow 0
Integral 2.505e+04
3000
2500
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1500
1000
500
0
0
2
4
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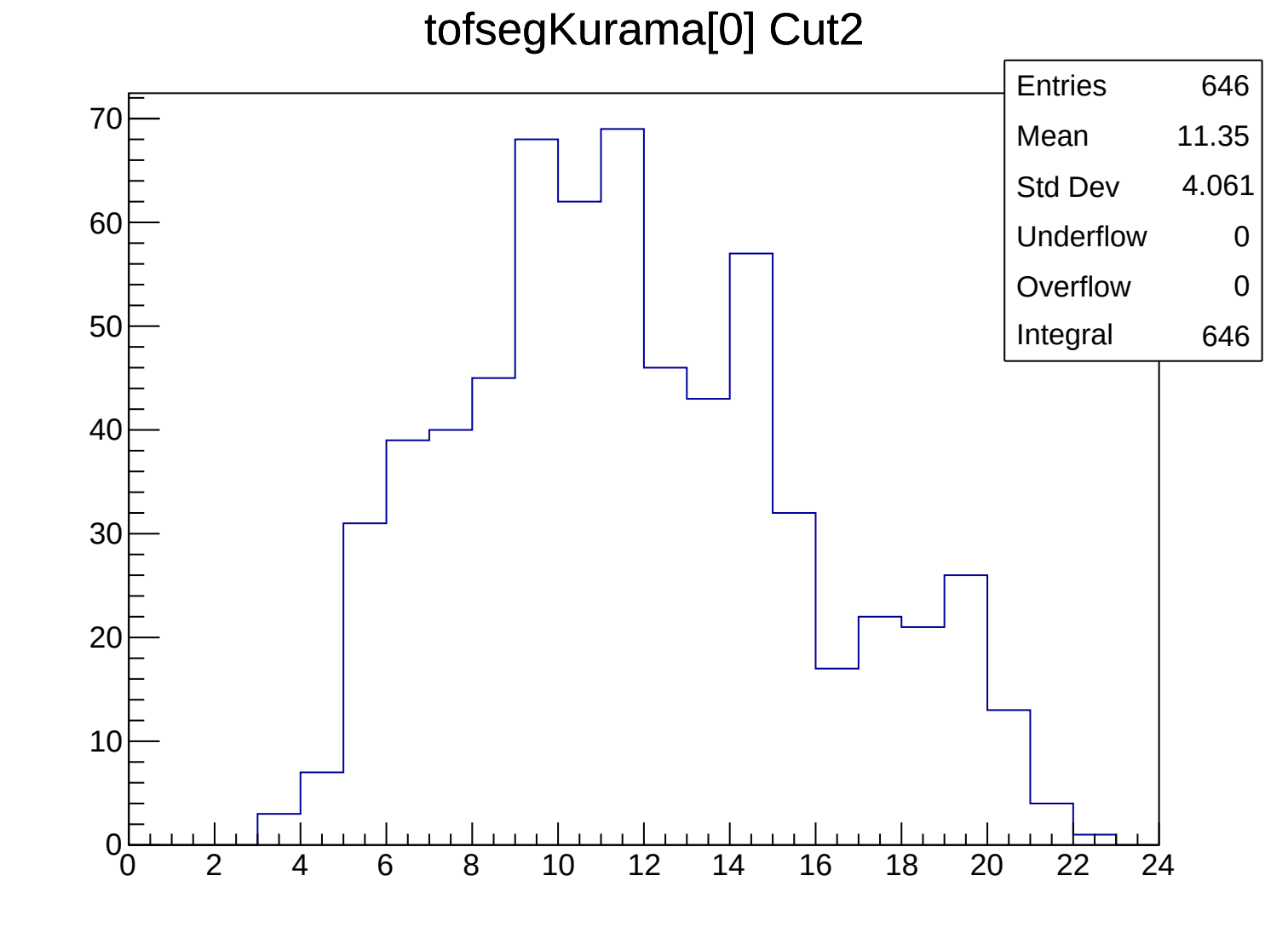
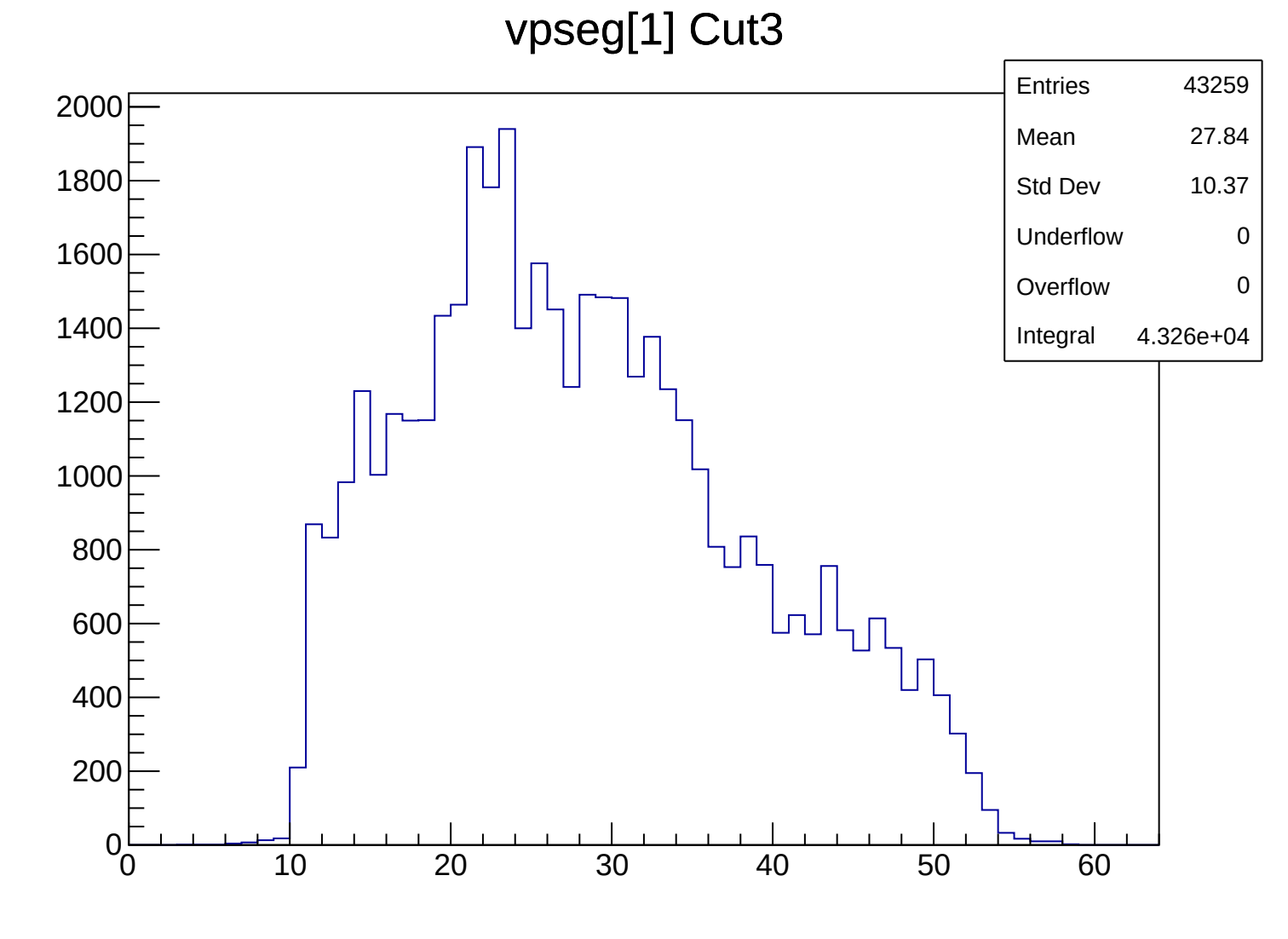
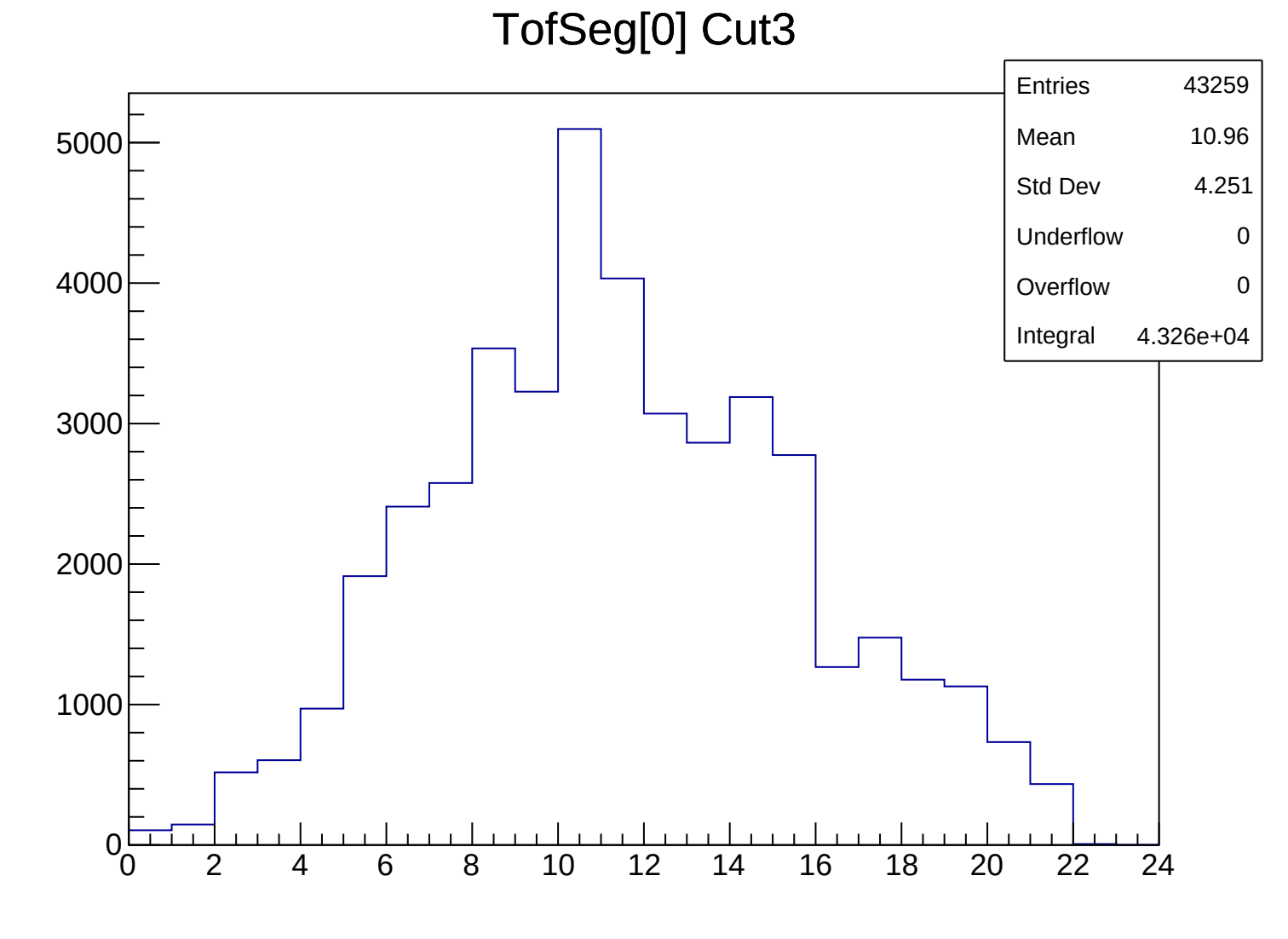
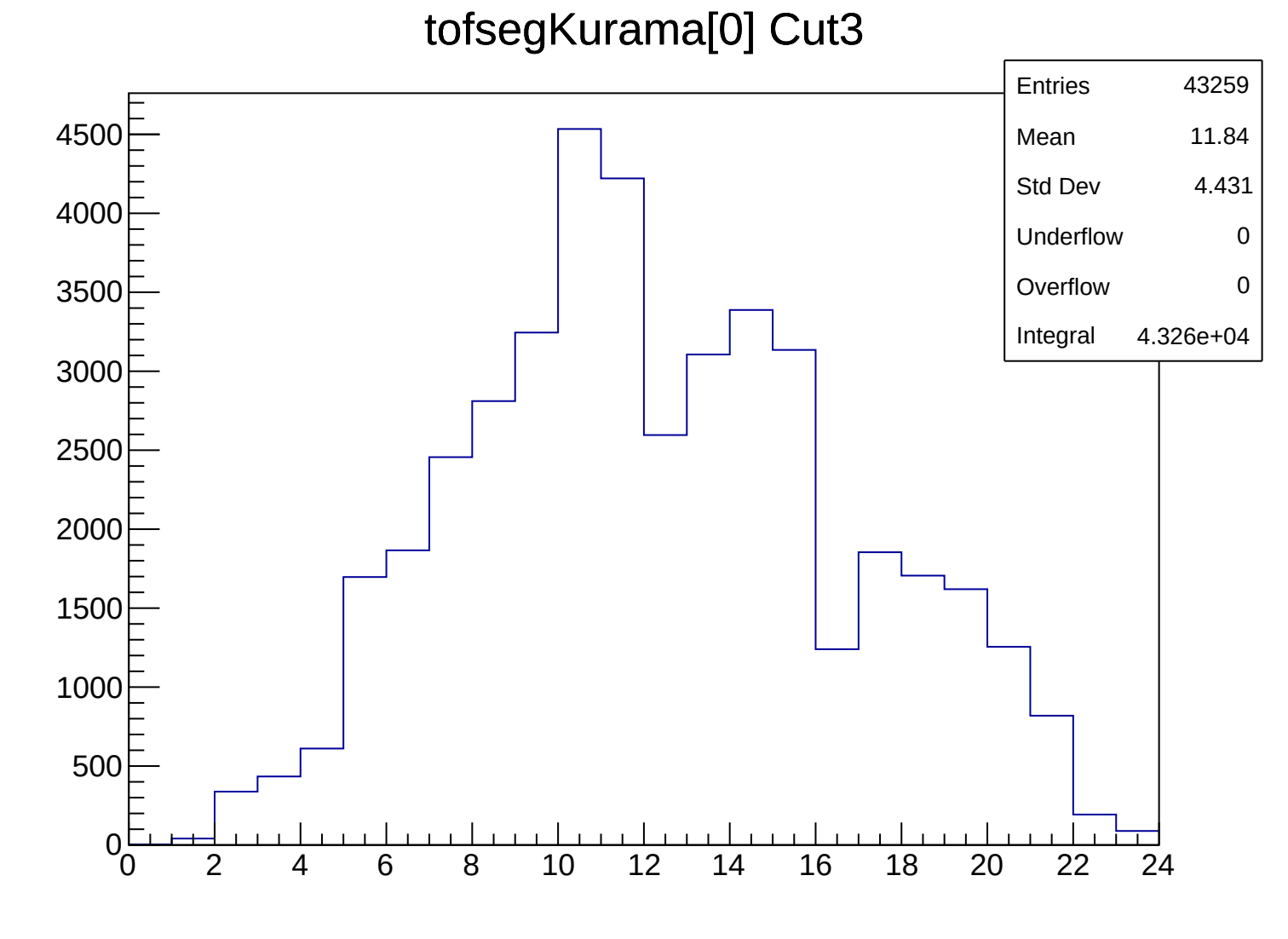
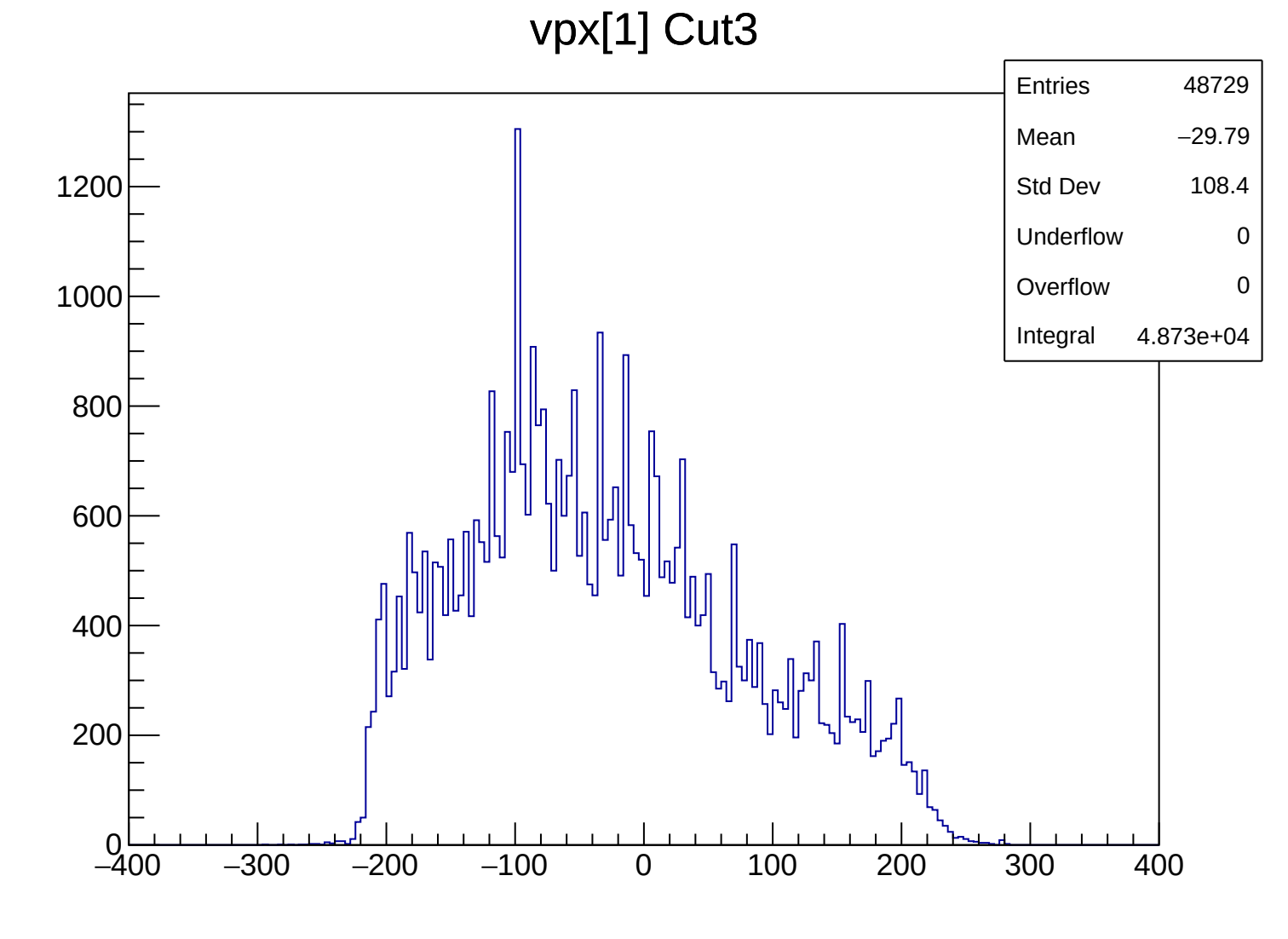
8
10
12
14
16
18
20
22
24

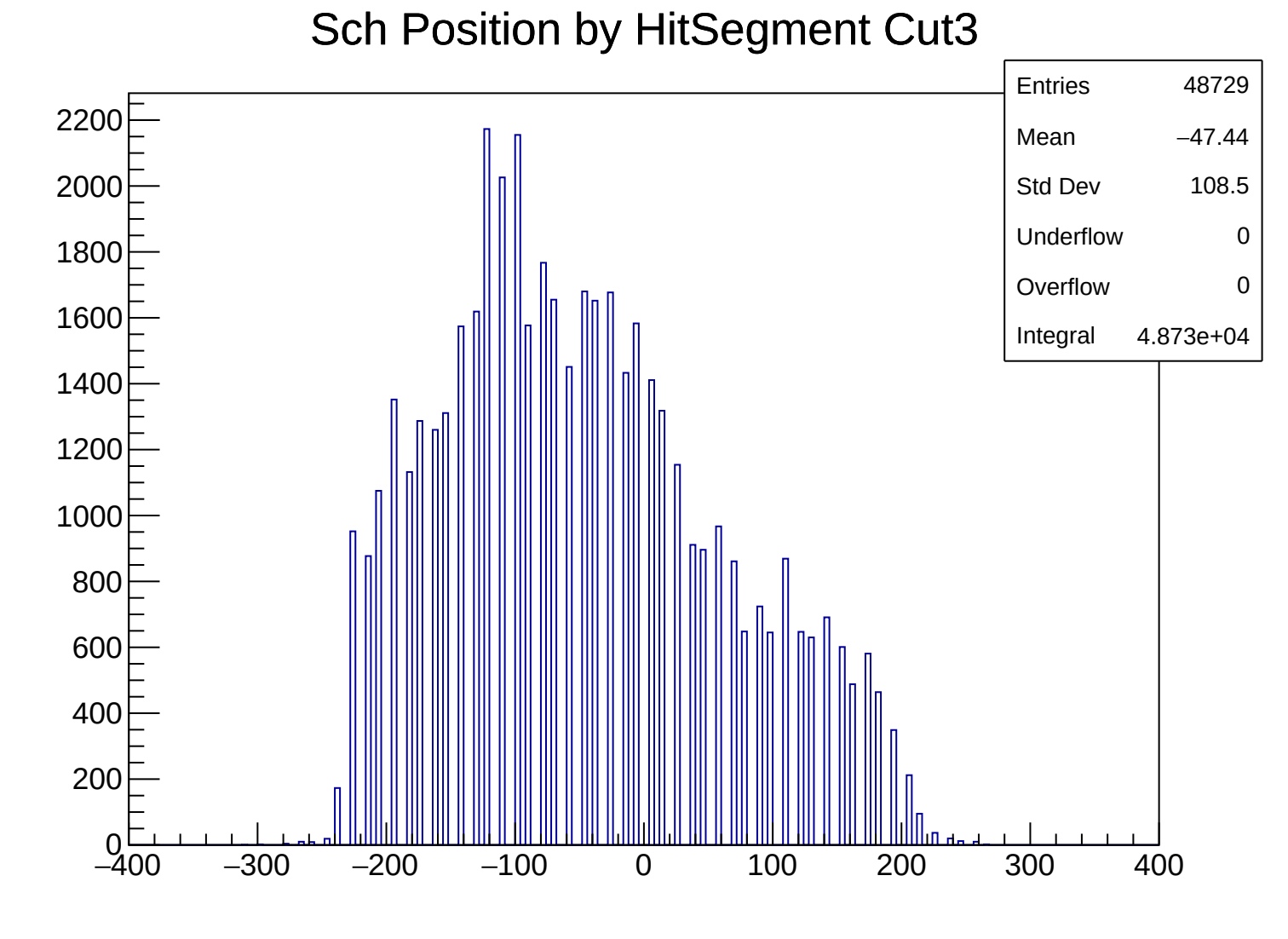

tofsegKurama[0] Cut2
Entries 646
Mean 11.35
Std Dev 4.061
Underflow 0
Overflow 0
Integral 646
0
10
20
30
40
50
60
70
0
2
4
6
8
10
12
14
16
18
20
22
24

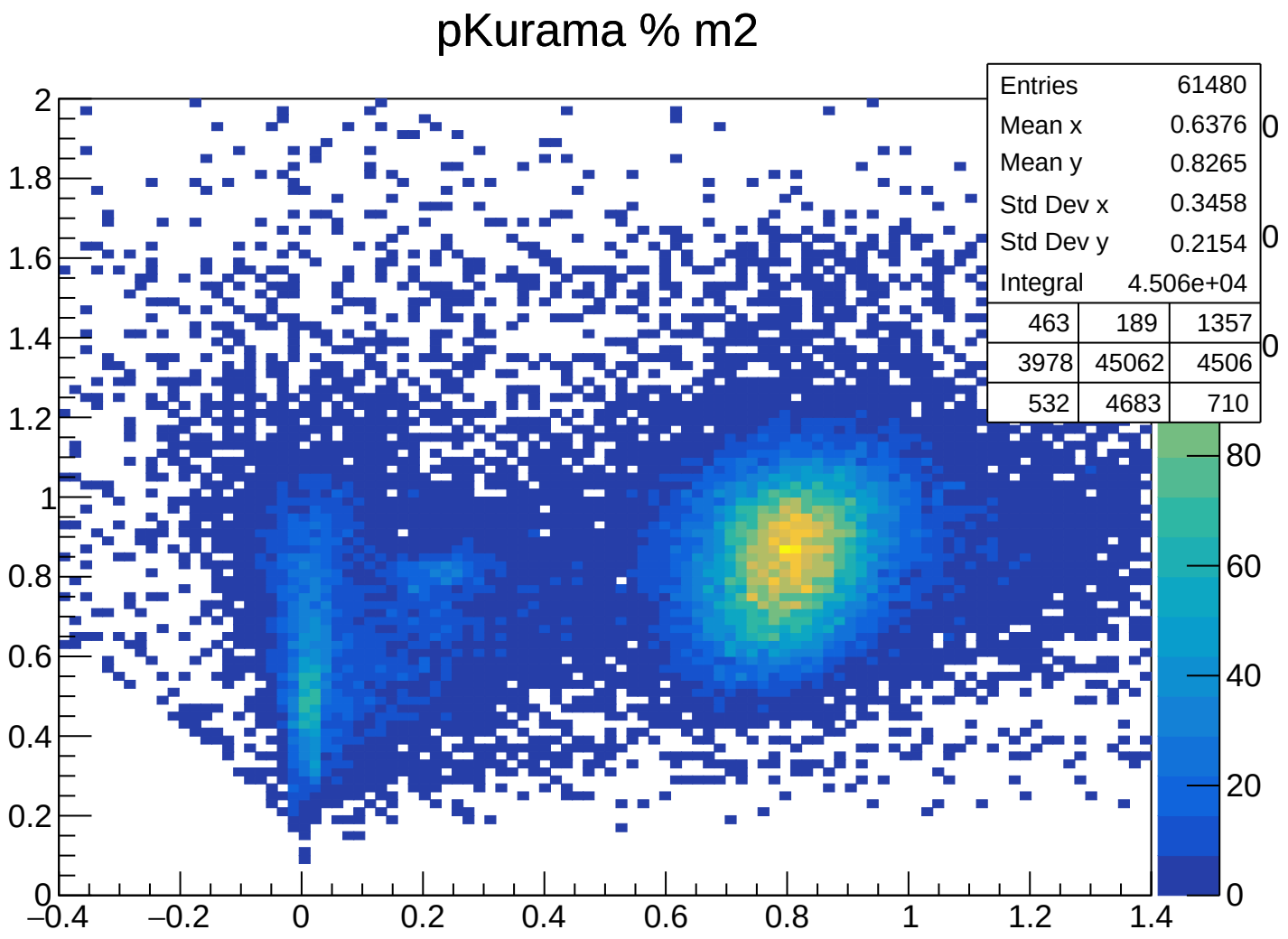

vpseg[1] Cut3
Entries 43259
Mean 27.84
Std Dev 10.37
Underflow 0
Overflow 0
Integral 4.326e+04
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
10
20
30
40
50
60

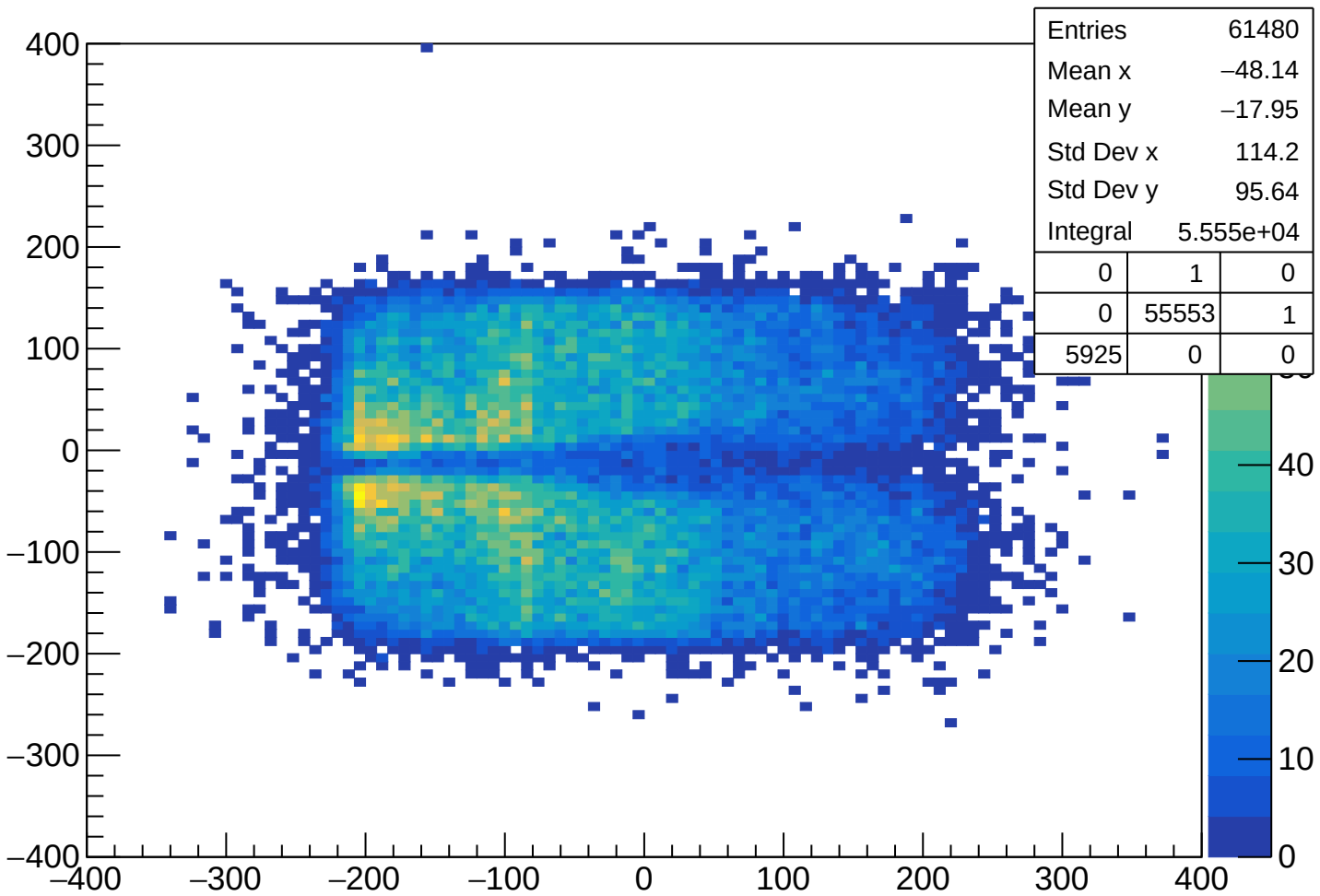

TofSeg[0] Cut3
Entries 43259
Mean 10.96
Std Dev 4.251
Underflow 0
Overflow 0
Integral 4.326e+04
5000
4000
3000
2000
1000
0
0
2
4
6
8
10
12
14
16
18
20
22
24

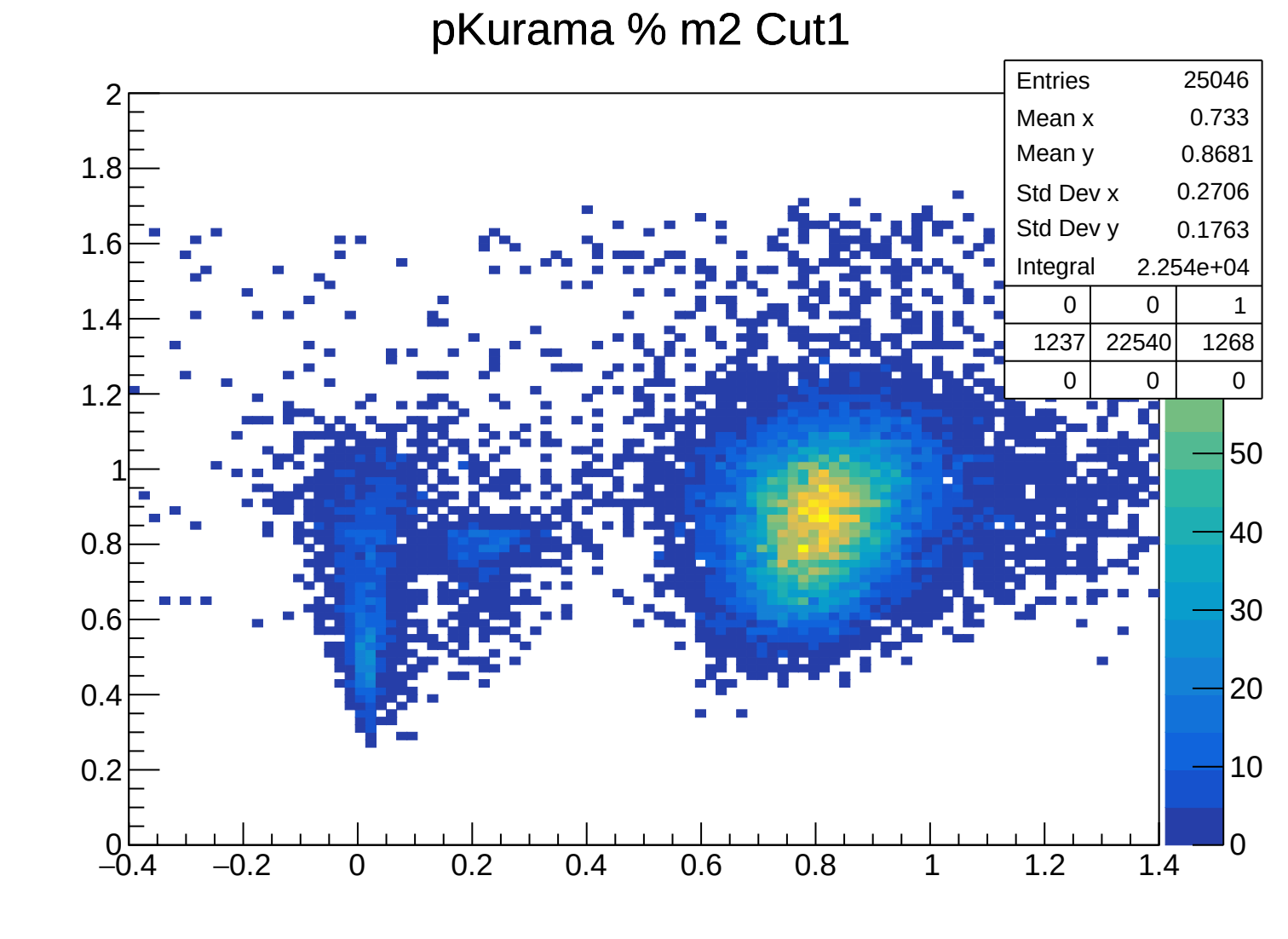

tofsegKurama[0] Cut3
Entries 43259
Mean 11.84
Std Dev 4.431
Underflow 0
Overflow 0
Integral 4.326e+04
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
2
4
6
8
10
12
14
16
18
20
22
24

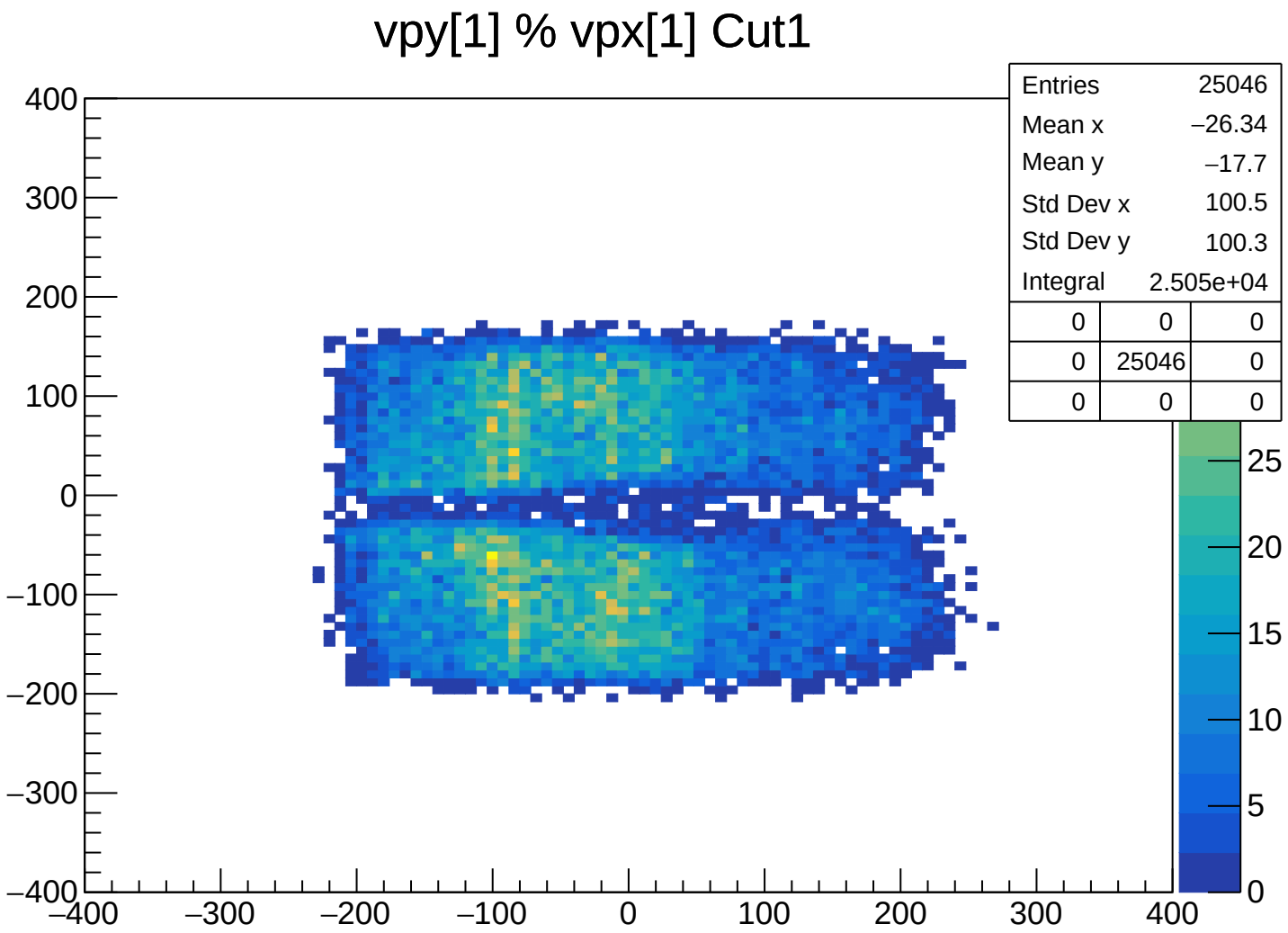

vpx[1] Cut3
Entries 48729
Mean –29.79
Std Dev 108.4
Underflow 0
Overflow 0
Integral 4.873e+04
1200
1000
800
600
400
200
0
–400
–300
–200
–100
0
100
200
300
400

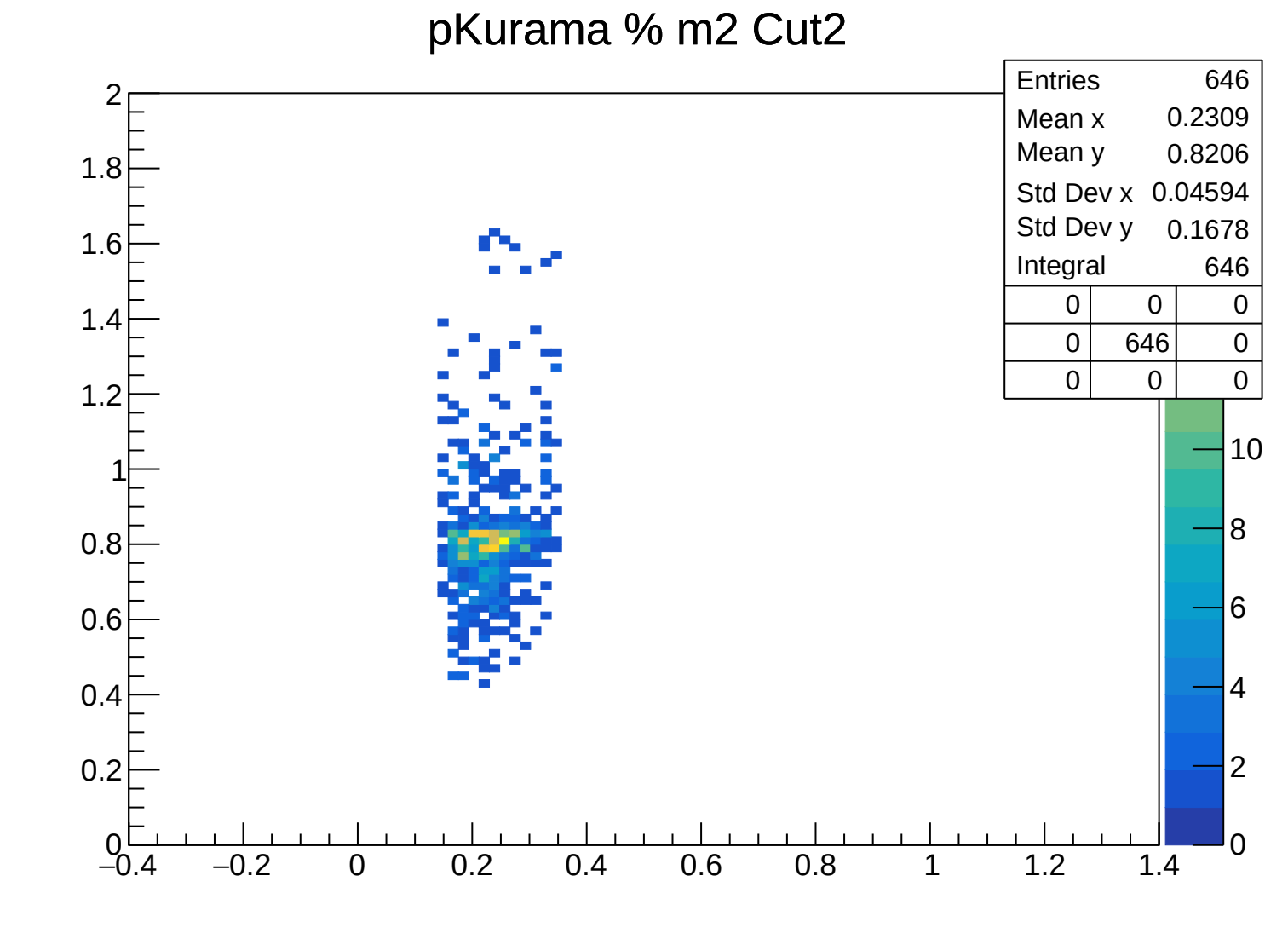

Sch Position by HitSegment Cut3
Entries 48729
Mean –47.44
Std Dev 108.5
Underflow 0
Overflow 0
Integral 4.873e+04
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
–400
–300
–200
–100
0
100
200
300
400

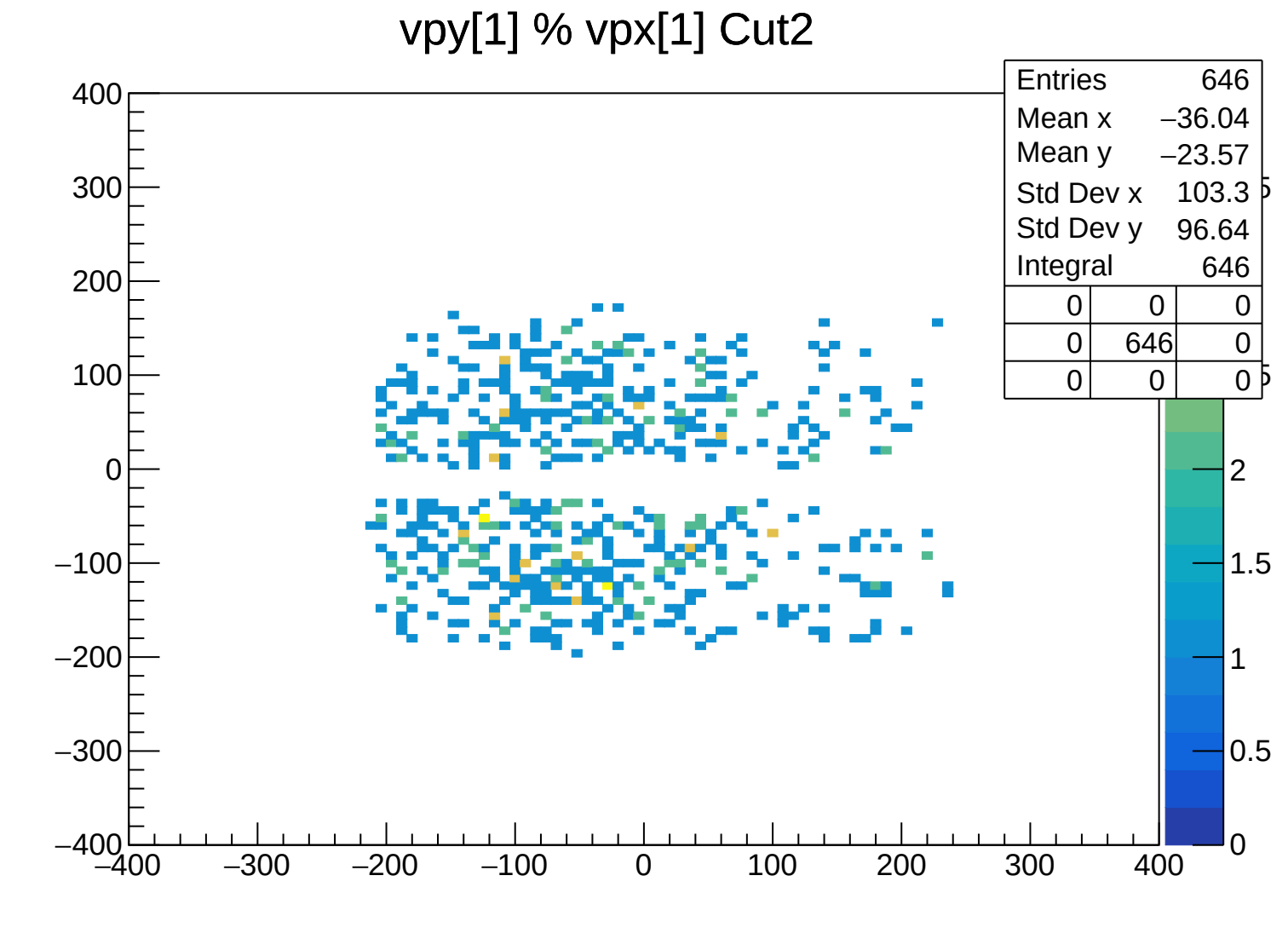

pKurama % m2
Entries 61480
Mean x 0.6376
Mean y 0.8265
Std Dev x 0.3458
Std Dev y 0.2154
Integral 4.506e+04
463 189 1357
3978 45062 4506
532 4683 710
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4
80
60
40
20
0

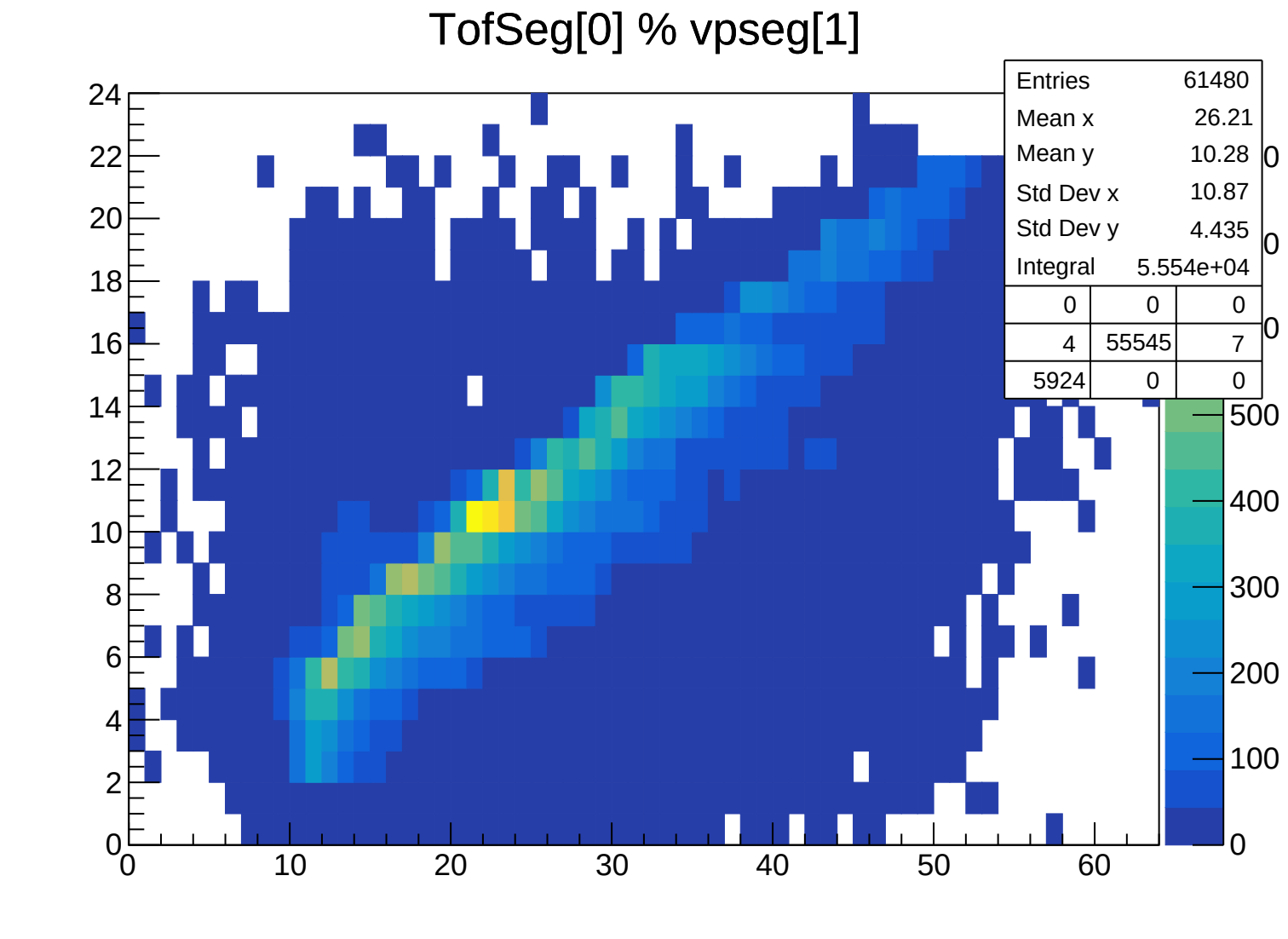

vpy[1] % vpx[1]
Entries 61480
Mean x −48.14
Mean y −17.95
Std Dev x 114.2
Std Dev y 95.64
Integral 5.555e+04
0 1 0
0 55553 1
5925 0 0
400
300
200
100
0
−100
−200
−300
−400
−400 −300 −200 −100 0 100 200 300 400
40
30
20
10
0

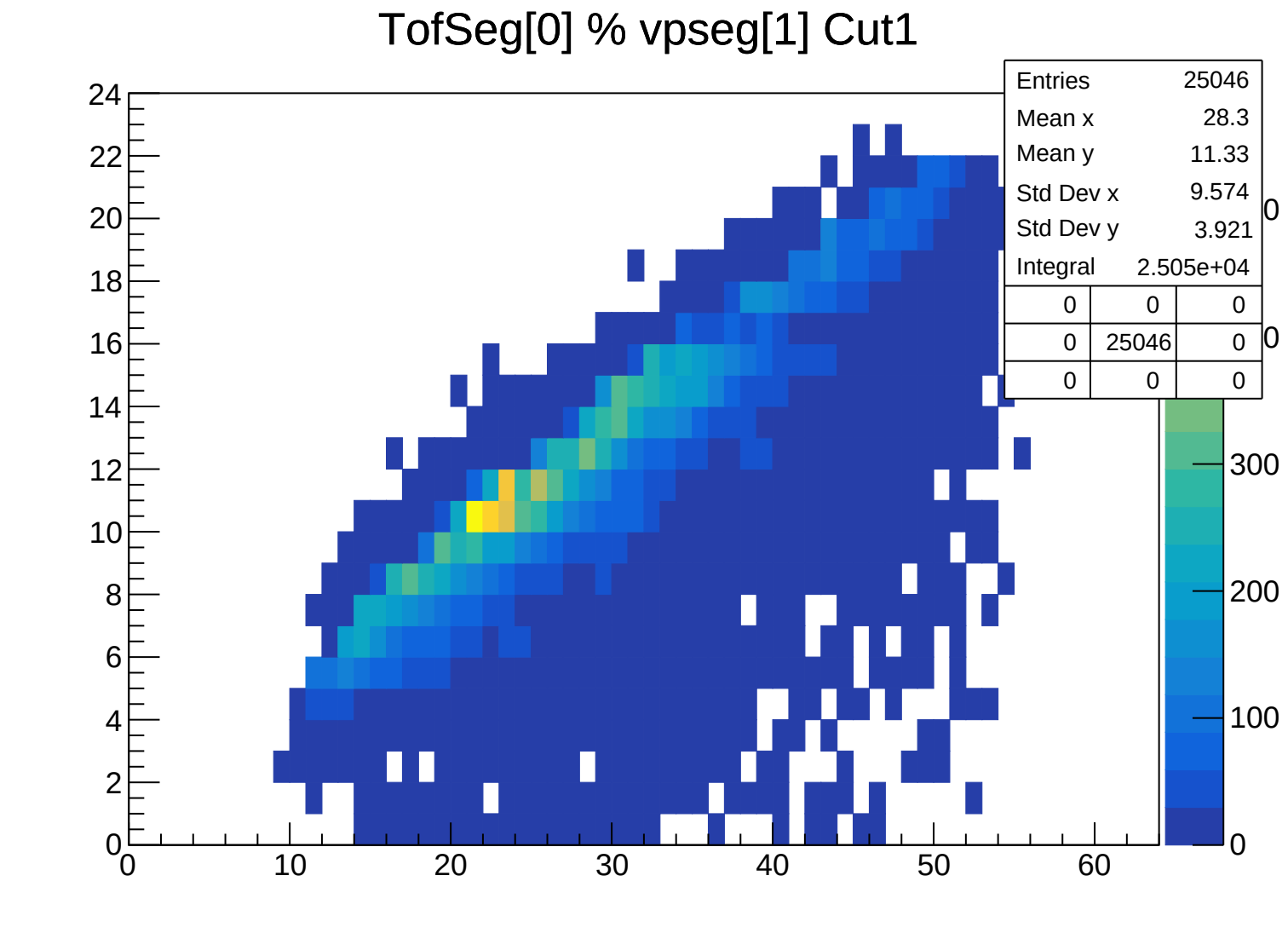

pKurama % m2 Cut1
Entries 25046
Mean x 0.733
Mean y 0.8681
Std Dev x 0.2706
Std Dev y 0.1763
Integral 2.254e+04
0 0 1
1237 22540 1268
0 0 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4
50
40
30
20
10
0

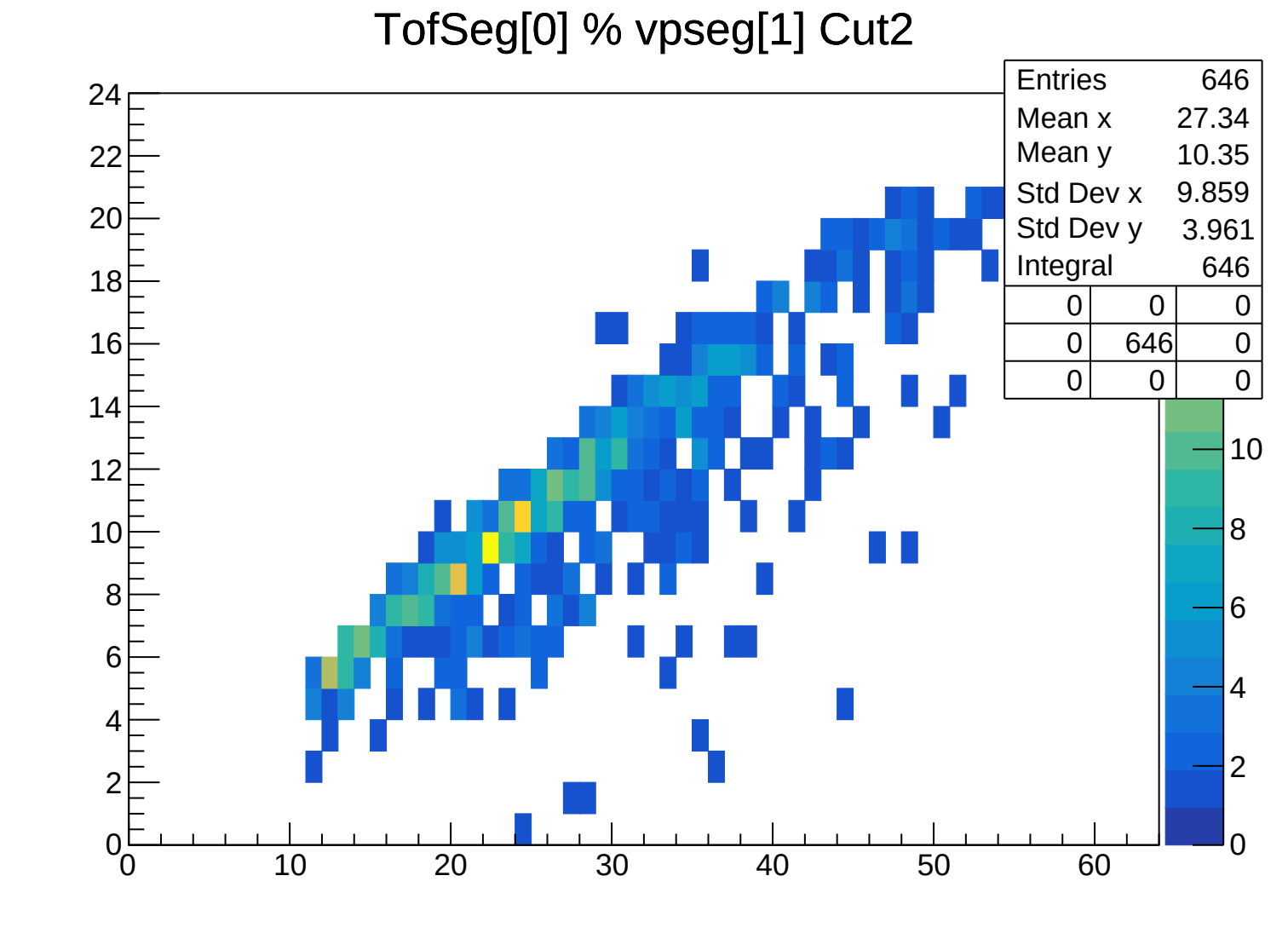

vpy[1] % vpx[1] Cut1
Entries 25046
Mean x −26.34
Mean y −17.7
Std Dev x 100.5
Std Dev y 100.3
Integral 2.505e+04
0 0 0
0 25046 0
0 0 0
400
300
200
100
0
−100
−200
−300
−400
−400 −300 −200 −100 0 100 200 300 400
25
20
15
10
5
0

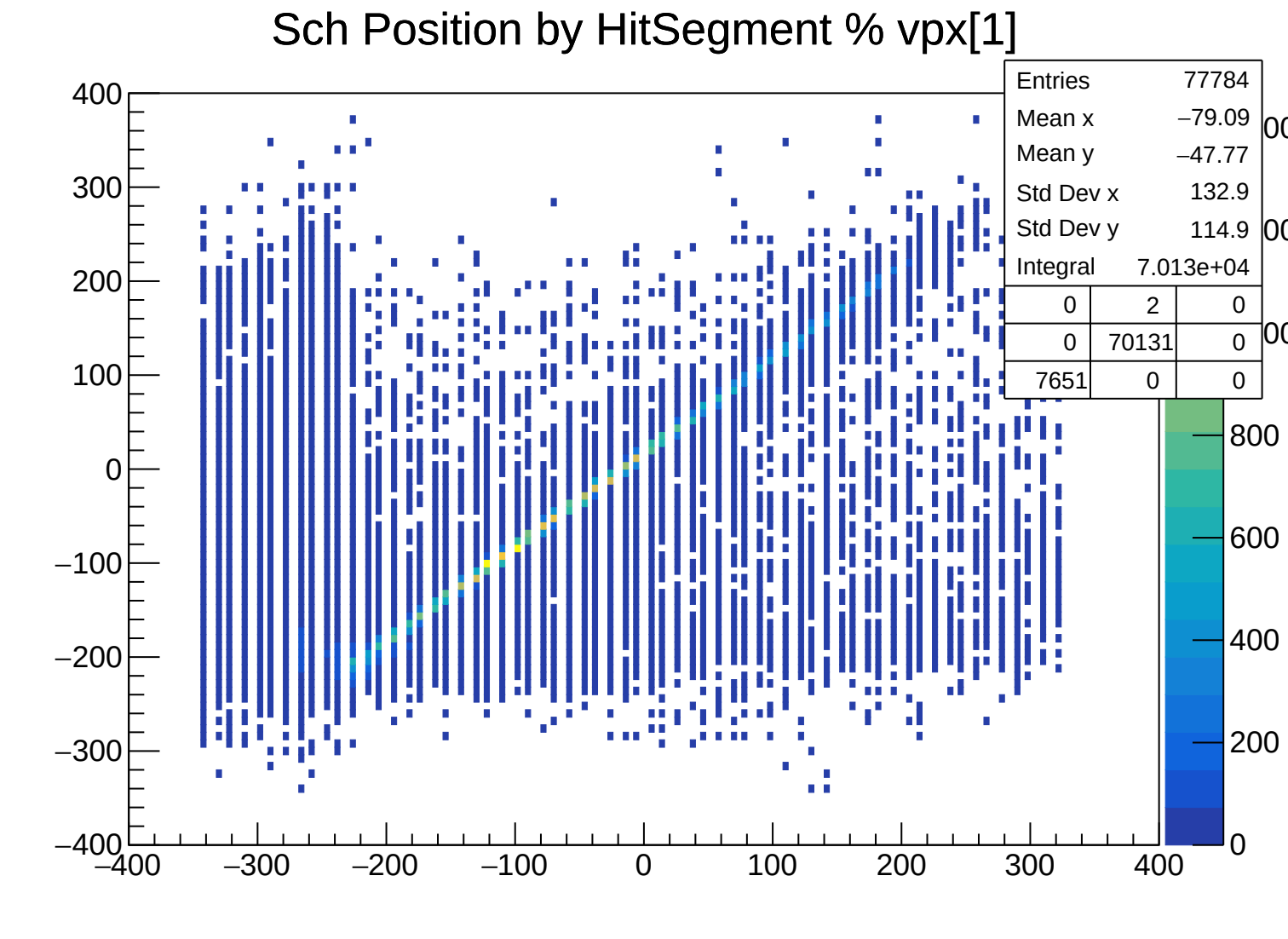

pKurama % m2 Cut2
Entries 646
Mean x 0.2309
Mean y 0.8206
Std Dev x 0.04594
Std Dev y 0.1678
Integral 646
0 0 0
0 646 0
0 0 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4
10
8
6
4
2
0

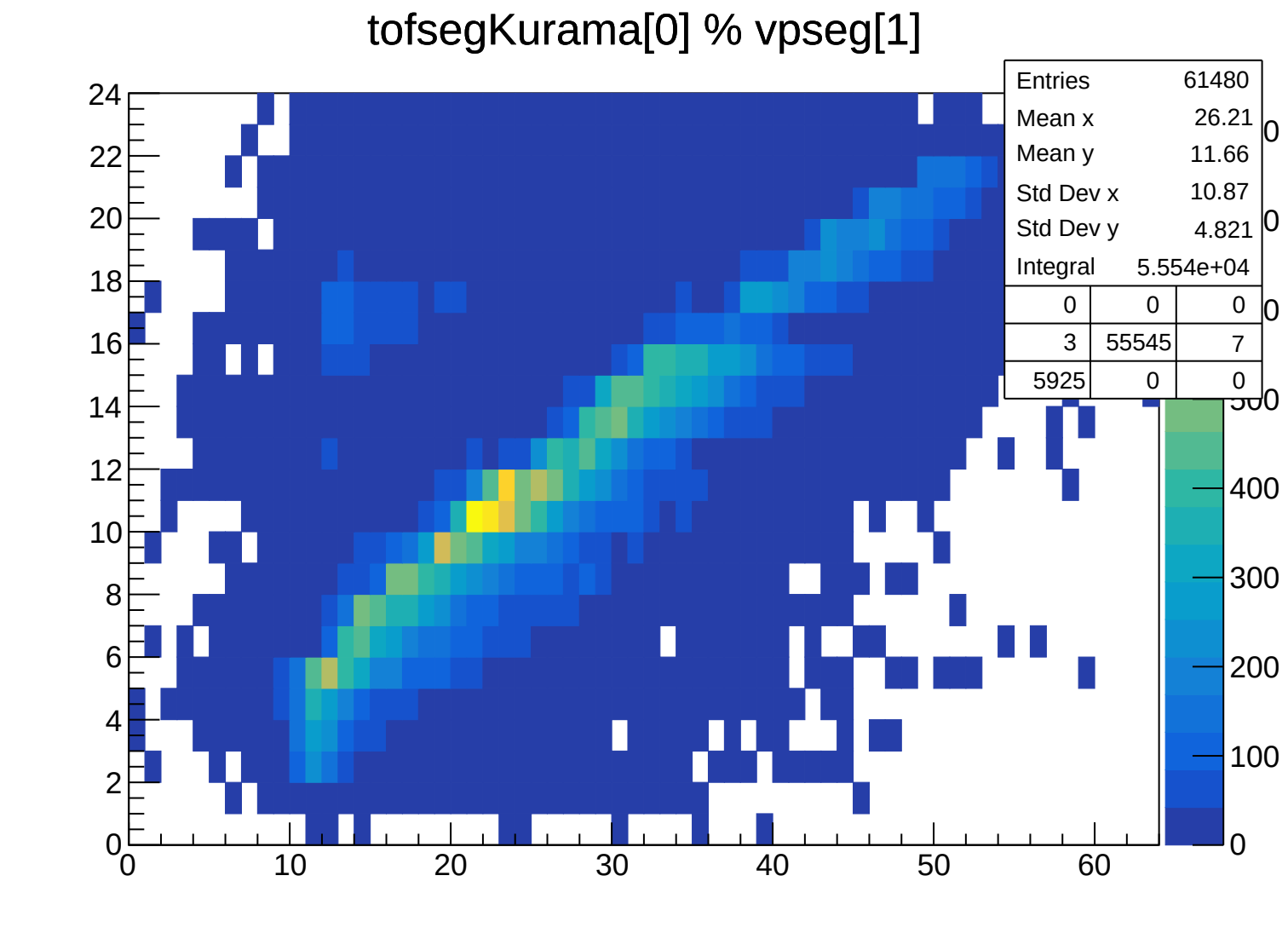

vpy[1] % vpx[1] Cut2
Entries 646
Mean x −36.04
Mean y −23.57
Std Dev x 103.3
Std Dev y 96.64
Integral 646
0 0 0
0 646 0
0 0 0
400
300
200
100
0
−100
−200
−300
−400
−400
−300
−200
−100
0
100
200
300
400
2
1.5
1
0.5
0

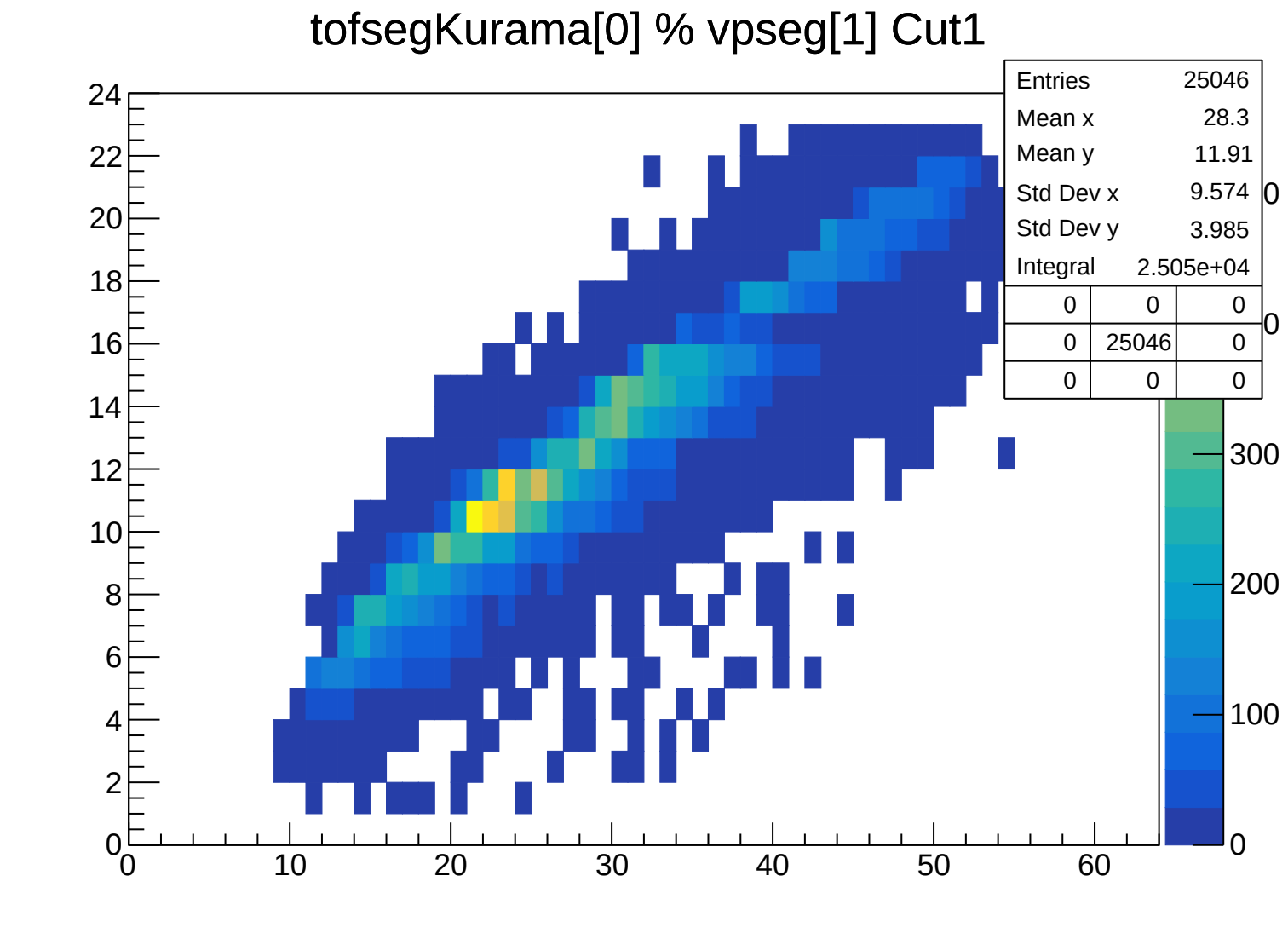

TofSeg[0] % vpseg[1]
Entries 61480
Mean x 26.21
Mean y 10.28
Std Dev x 10.87
Std Dev y 4.435
Integral 5.554e+04
0 0 0
4 55545 7
5924 0 0
0 10 20 30 40 50 60
0 2 4 6 8 10 12 14 16 18 20 22 24
0 100 200 300 400 500

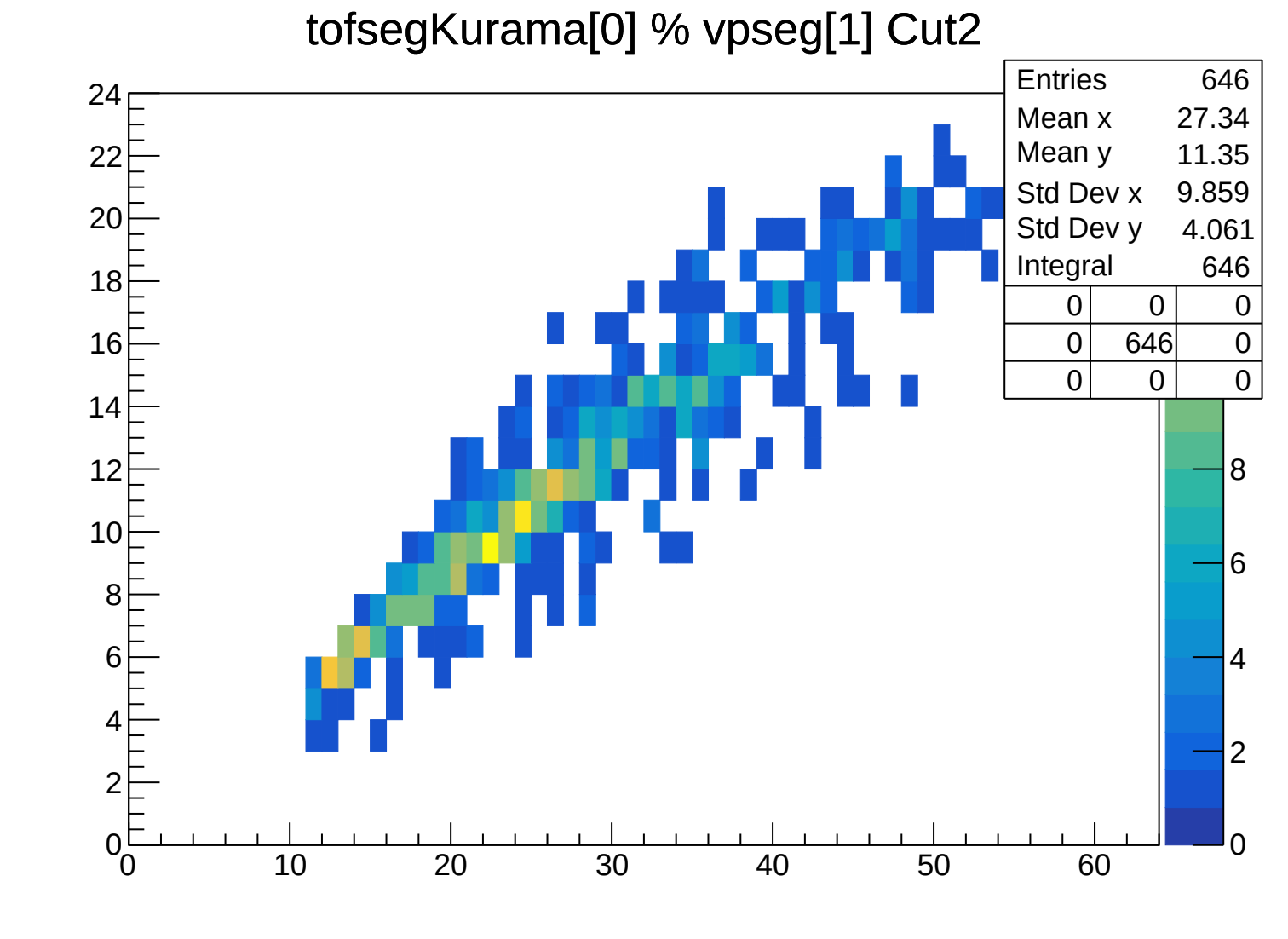

TofSeg[0] % vpseg[1] Cut1
Entries 25046
Mean x 28.3
Mean y 11.33
Std Dev x 9.574
Std Dev y 3.921
Integral 2.505e+04
0 0 0
0 25046 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60
0 100 200 300

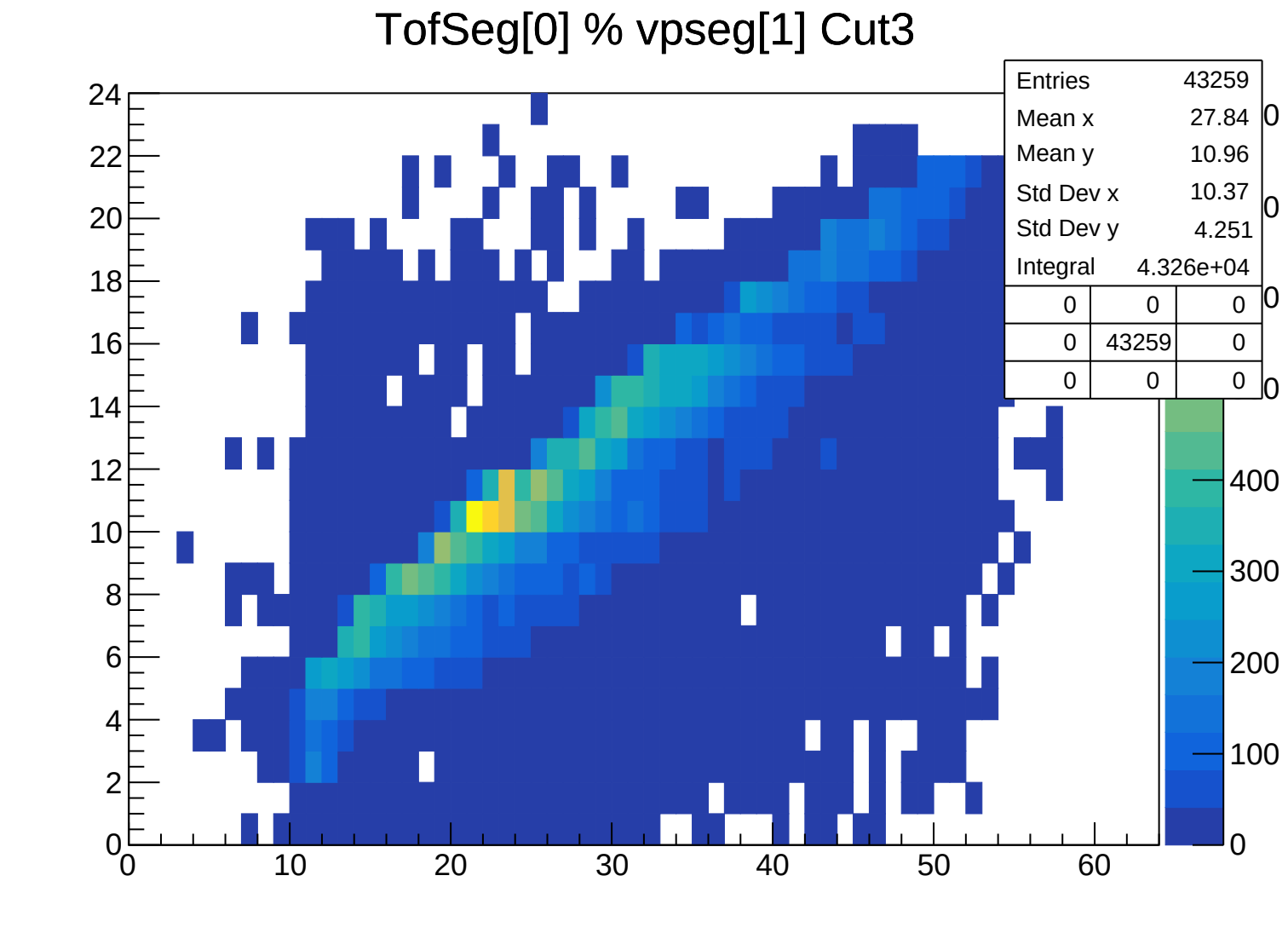

TofSeg[0] % vpseg[1] Cut2
Entries 646
Mean x 27.34
Mean y 10.35
Std Dev x 9.859
Std Dev y 3.961
Integral 646
0 0 0
0 646 0
0 0 0
0 10 20 30 40 50 60
0 2 4 6 8 10 12 14 16 18 20 22 24
0 2 4 6 8 10

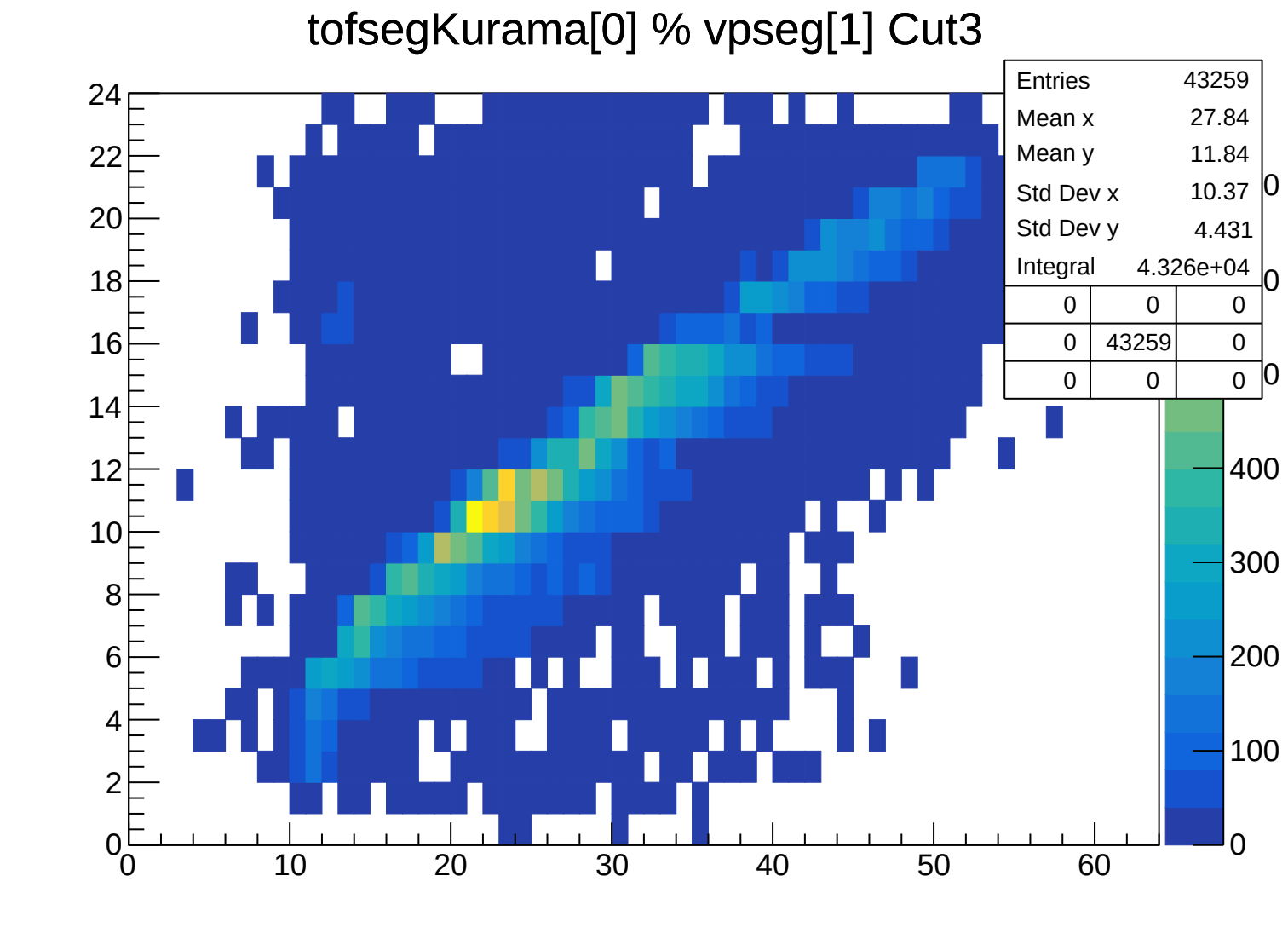

Sch Position by HitSegment % vpx[1]
Entries 77784
Mean x −79.09
Mean y −47.77
Std Dev x 132.9
Std Dev y 114.9
Integral 7.013e+04
0 2 0
0 70131 0
7651 0 0
400
300
200
100
0
−100
−200
−300
−400
−400 −300 −200 −100 0 100 200 300 400
800
600
400
200
0

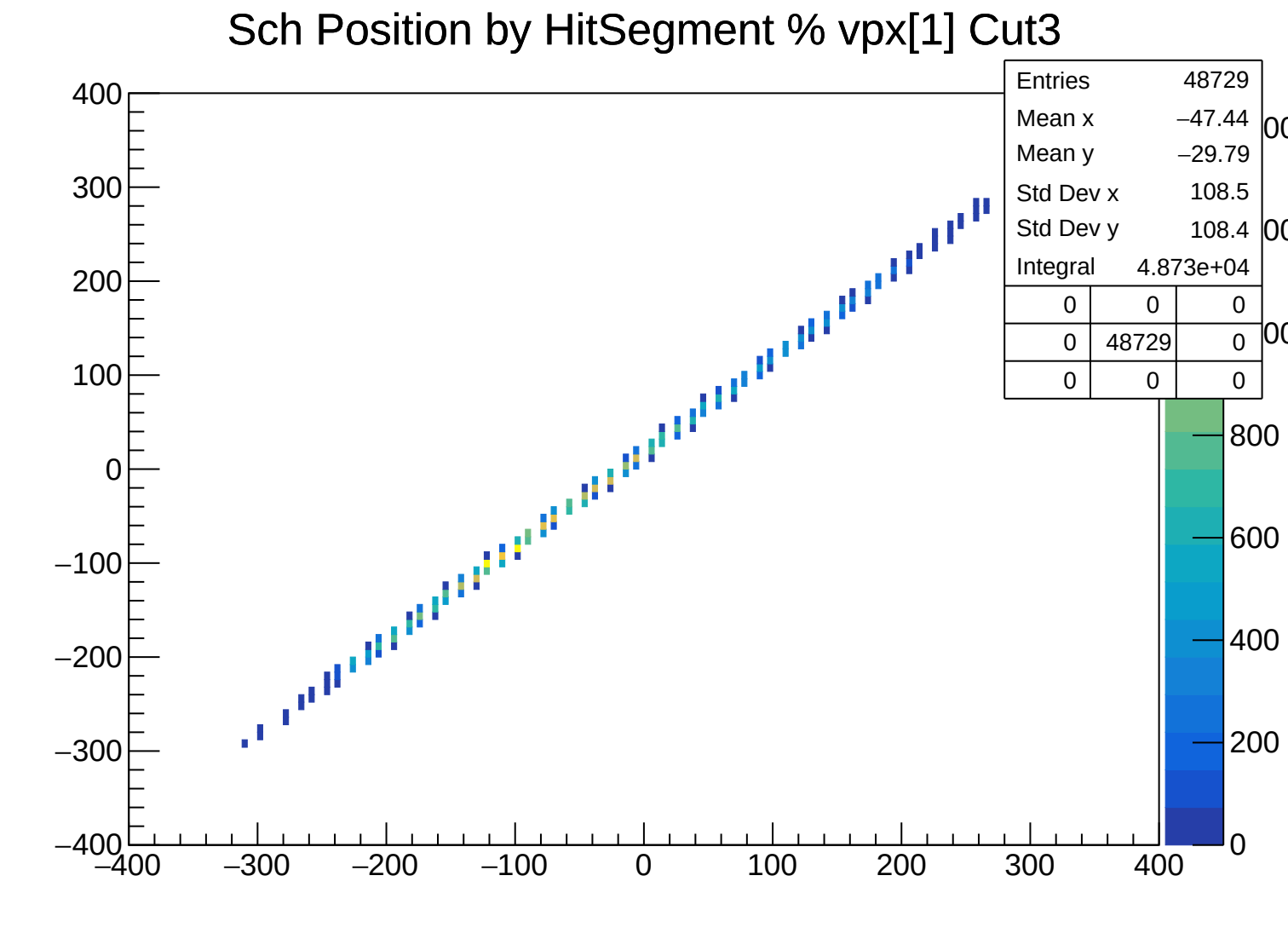

tofsegKurama[0] % vpseg[1]
Entries 61480
Mean x 26.21
Mean y 11.66
Std Dev x 10.87
Std Dev y 4.821
Integral 5.554e+04
0 0 0
3 55545 7
5925 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60
0 100 200 300 400 500

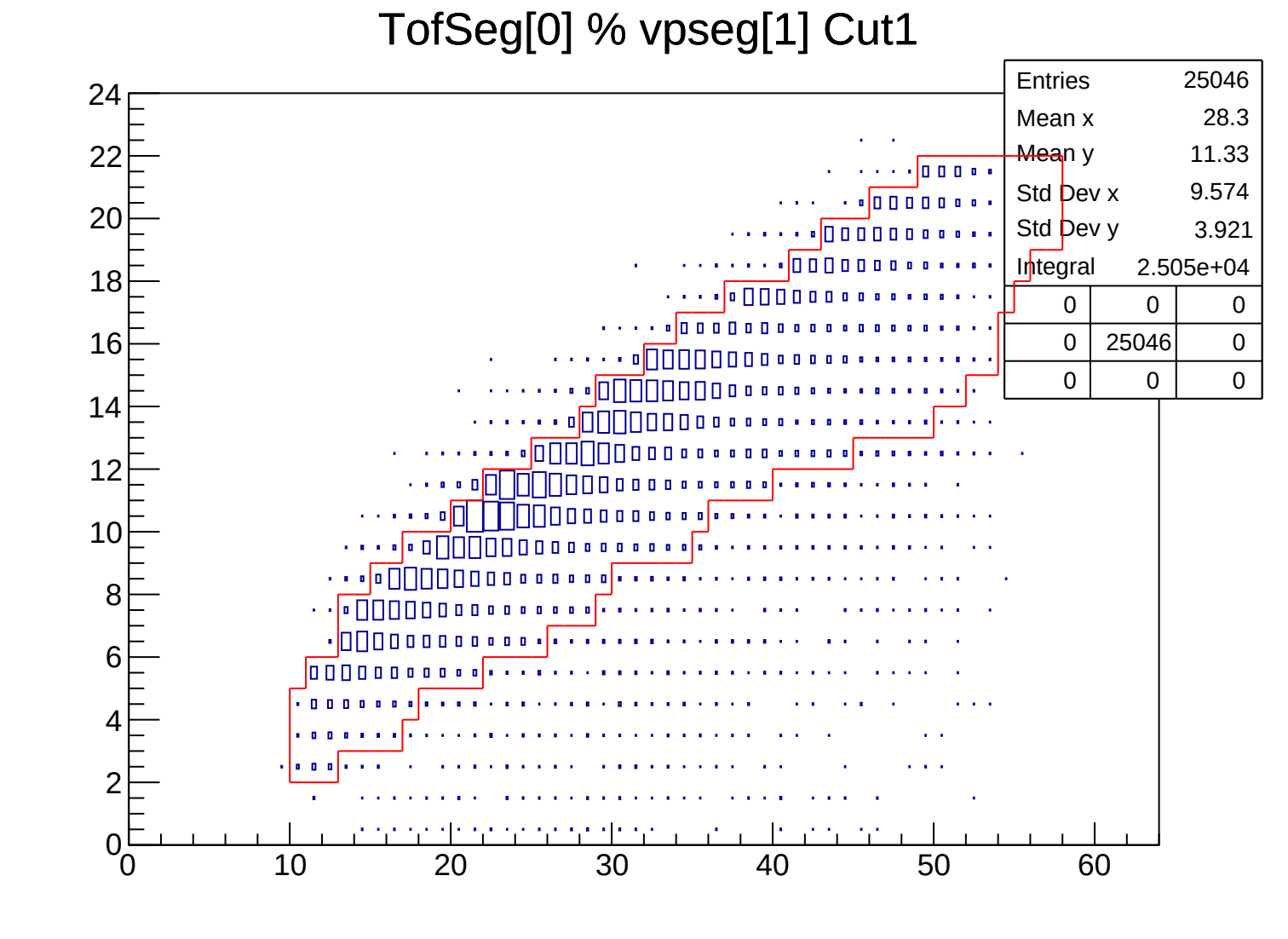

tofsegKurama[0] % vpseg[1] Cut1
Entries 25046
Mean x 28.3
Mean y 11.91
Std Dev x 9.574
Std Dev y 3.985
Integral 2.505e+04
0 0 0
0 25046 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60
0 100 200 300

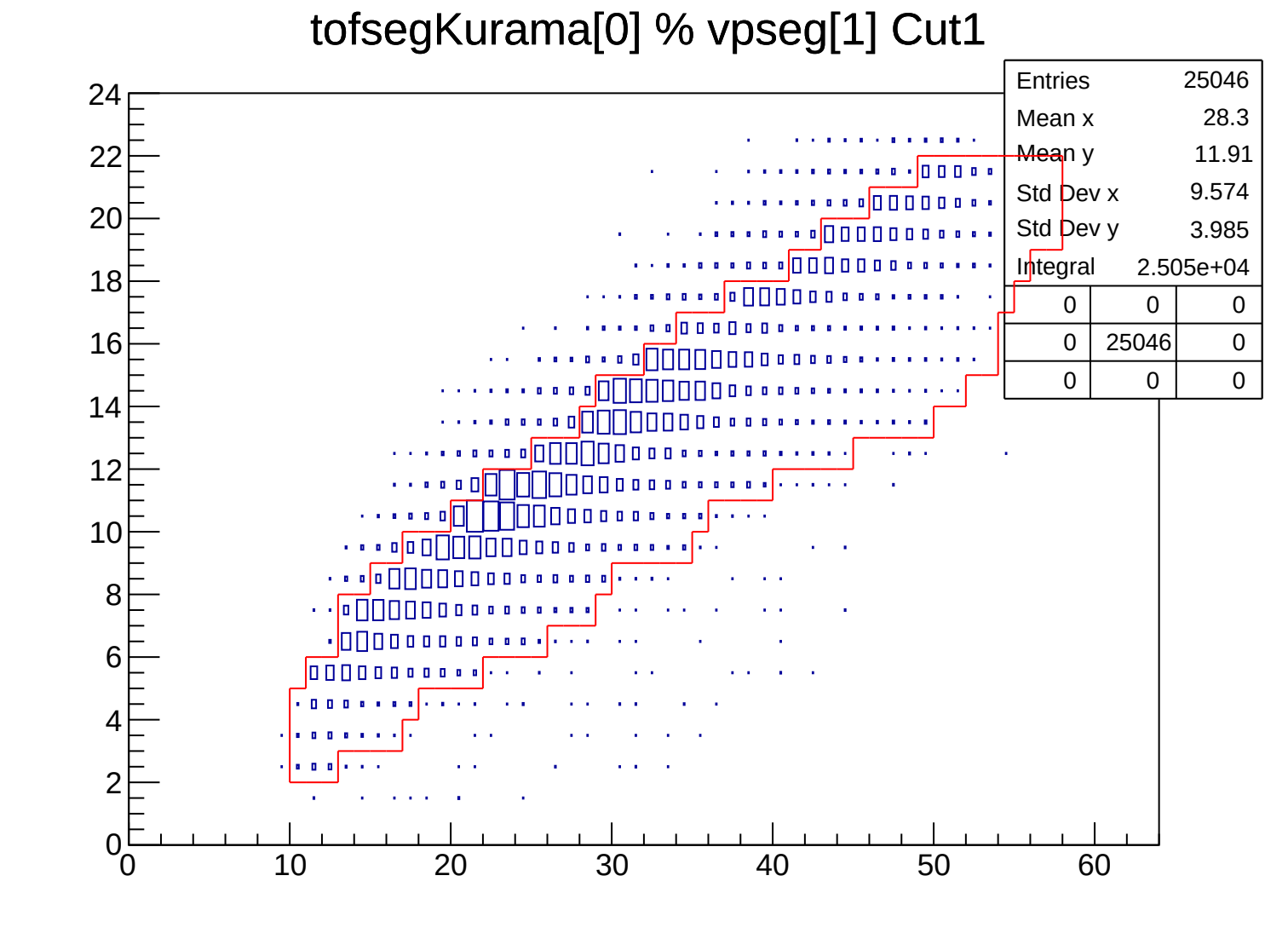

tofsegKurama[0] % vpseg[1] Cut2
Entries 646
Mean x 27.34
Mean y 11.35
Std Dev x 9.859
Std Dev y 4.061
Integral 646
0 0 0
0 646 0
0 0 0
24
22
20
18
16
14
12
10
8
6
4
2
0
0
10
20
30
40
50
60
8
6
4
2
0

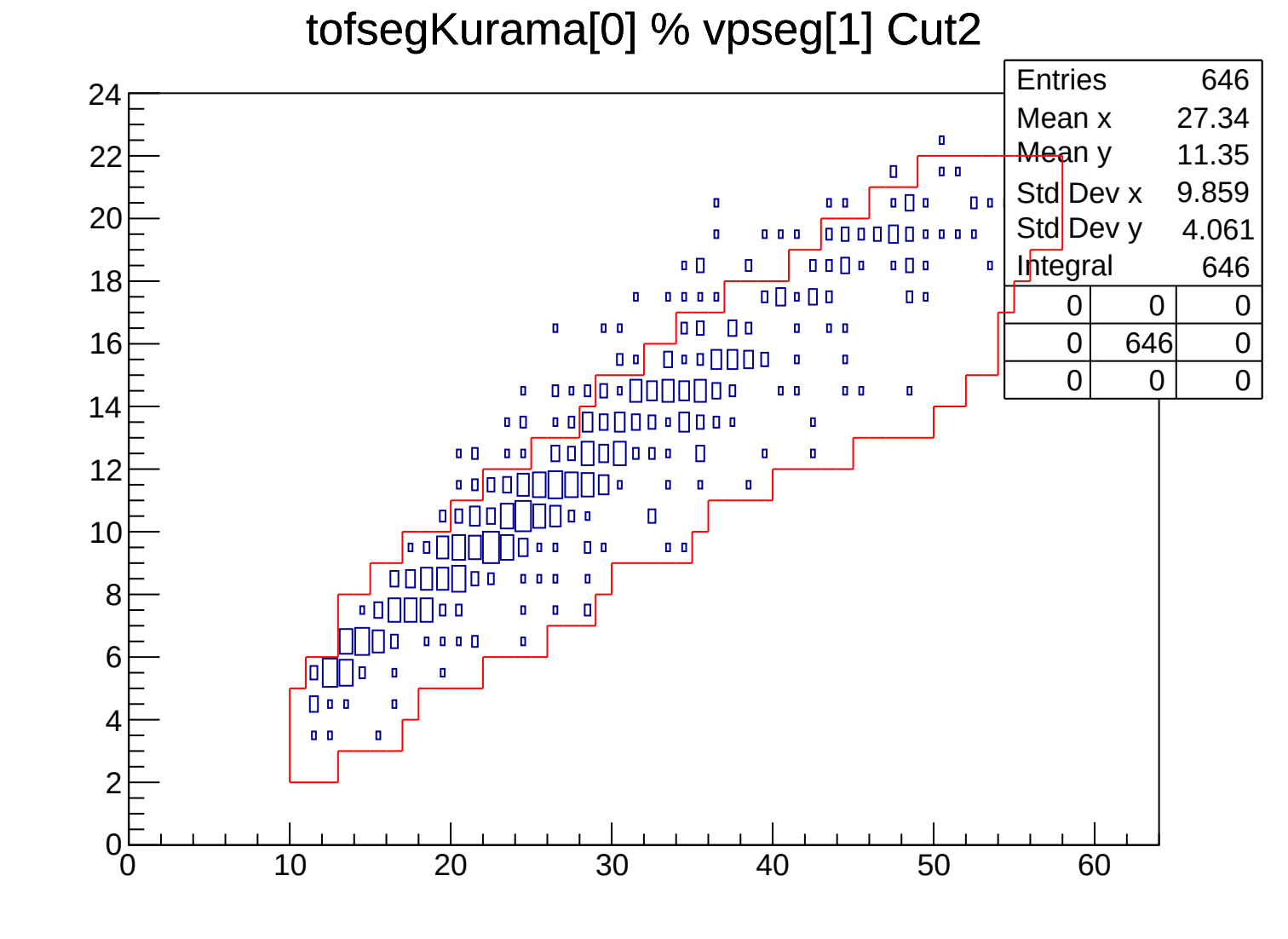

TofSeg[0] % vpseg[1] Cut3
Entries 43259
Mean x 27.84
Mean y 10.96
Std Dev x 10.37
Std Dev y 4.251
Integral 4.326e+04
0 0 0
0 43259 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60
0 100 200 300 400

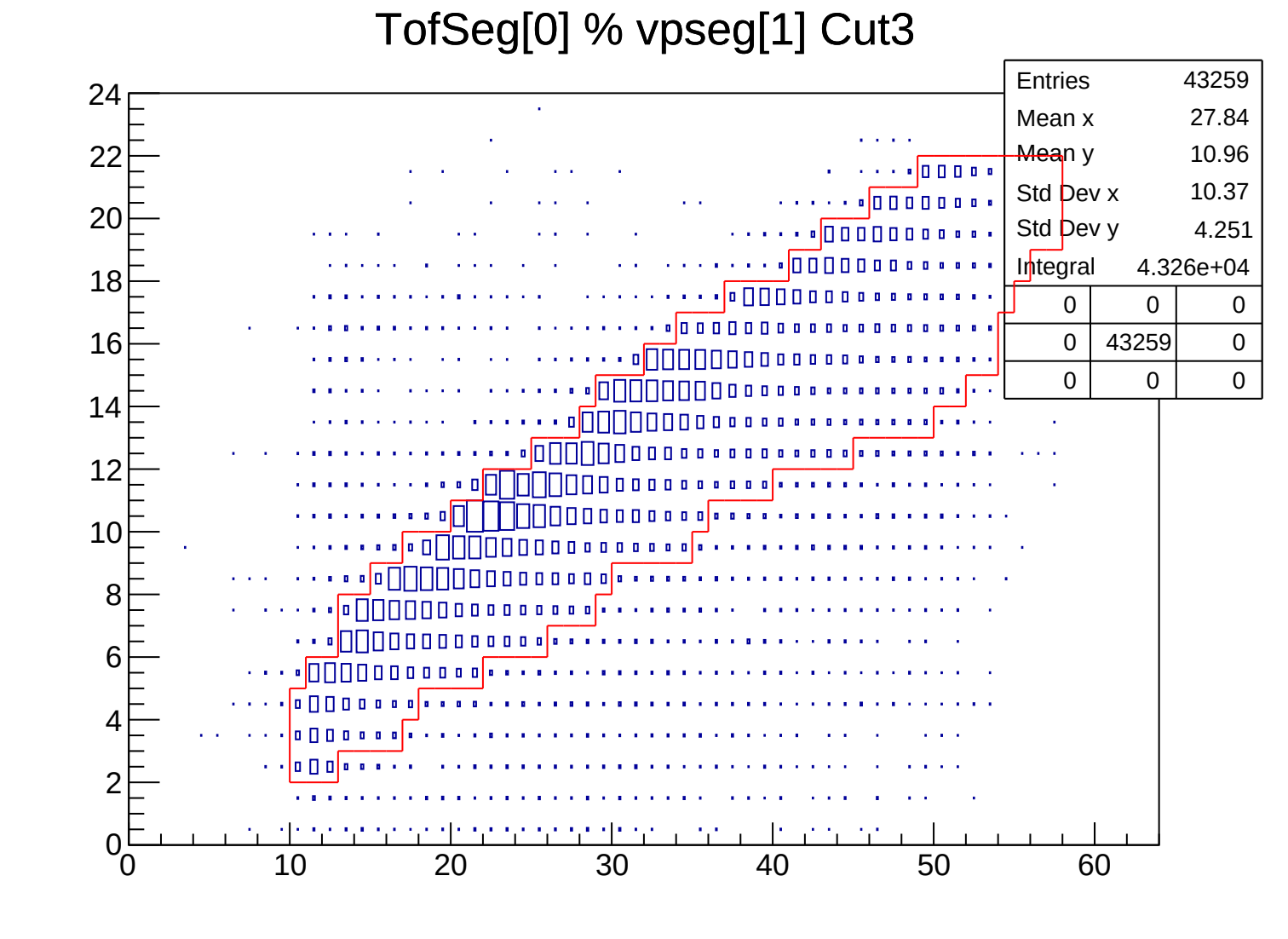

tofsegKurama[0] % vpseg[1] Cut3
Entries 43259
Mean x 27.84
Mean y 11.84
Std Dev x 10.37
Std Dev y 4.431
Integral 4.326e+04
0 0 0
0 43259 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60
0 100 200 300 400


Sch Position by HitSegment % vpx[1] Cut3
Entries 48729
Mean x −47.44
Mean y −29.79
Std Dev x 108.5
Std Dev y 108.4
Integral 4.873e+04
0 0 0
0 48729 0
0 0 0
400
300
200
100
0
−100
−200
−300
−400
−400 −300 −200 −100 0 100 200 300 400
800
600
400
200
0


TofSeg[0] % vpseg[1] Cut1
Entries 25046
Mean x 28.3
Mean y 11.33
Std Dev x 9.574
Std Dev y 3.921
Integral 2.505e+04
0 0 0
0 25046 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60


tofsegKurama[0] % vpseg[1] Cut1
Entries 25046
Mean x 28.3
Mean y 11.91
Std Dev x 9.574
Std Dev y 3.985
Integral 2.505e+04
0 0 0
0 25046 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60


tofsegKurama[0] % vpseg[1] Cut2
Entries 646
Mean x 27.34
Mean y 11.35
Std Dev x 9.859
Std Dev y 4.061
Integral 646
0 0 0
0 646 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60


TofSeg[0] % vpseg[1] Cut3
Entries 43259
Mean x 27.84
Mean y 10.96
Std Dev x 10.37
Std Dev y 4.251
Integral 4.326e+04
0 0 0
0 43259 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60