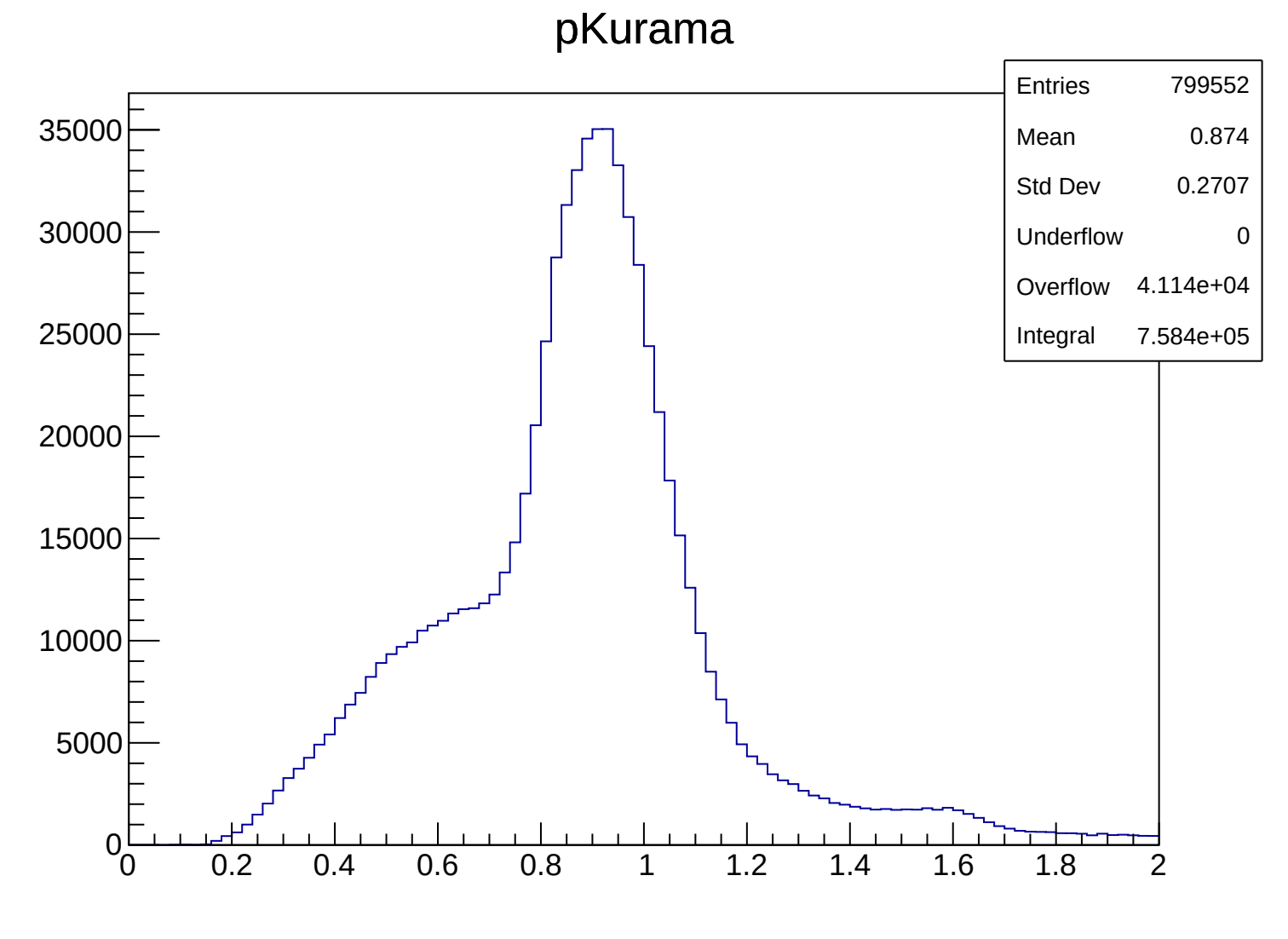
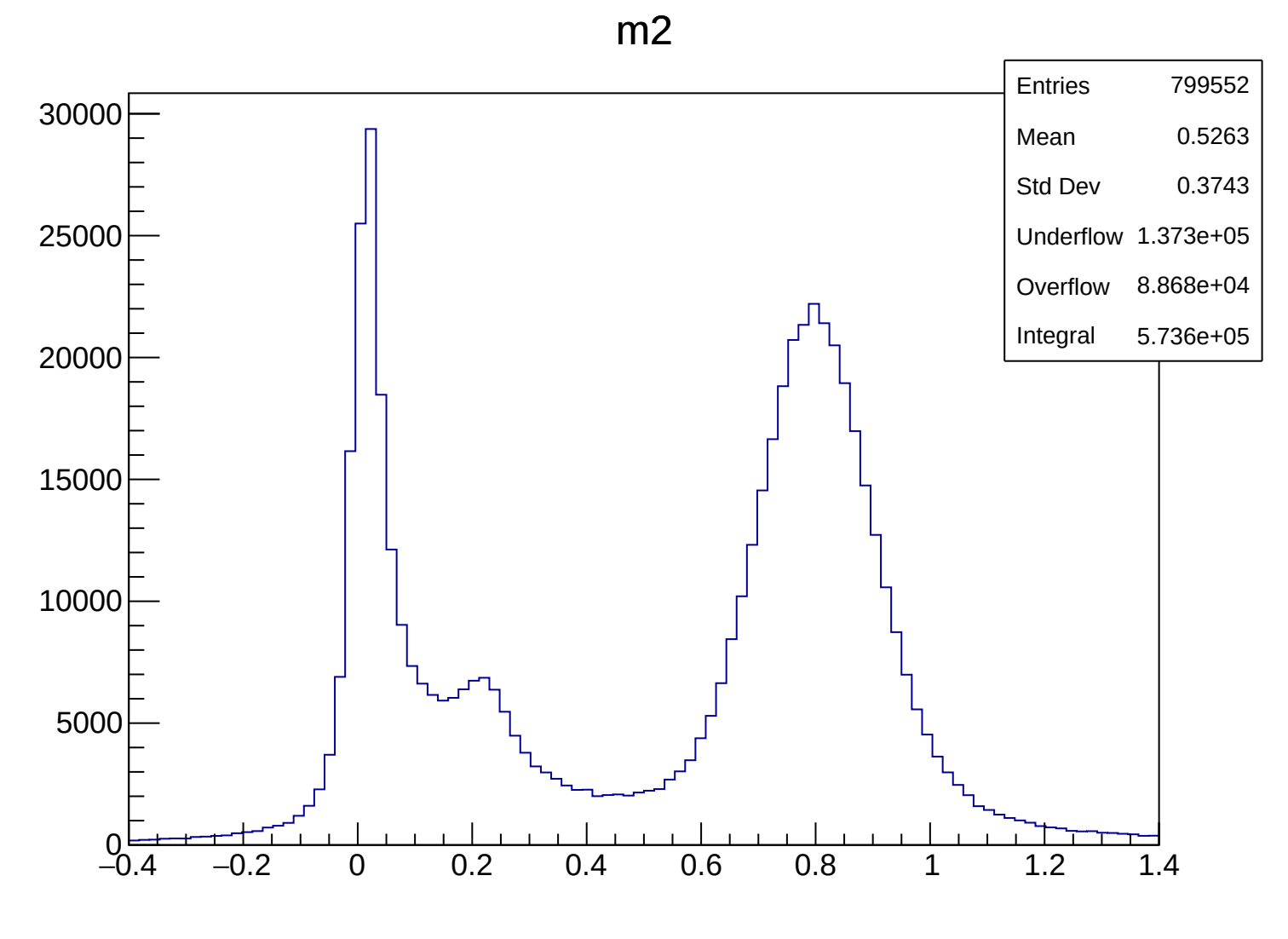
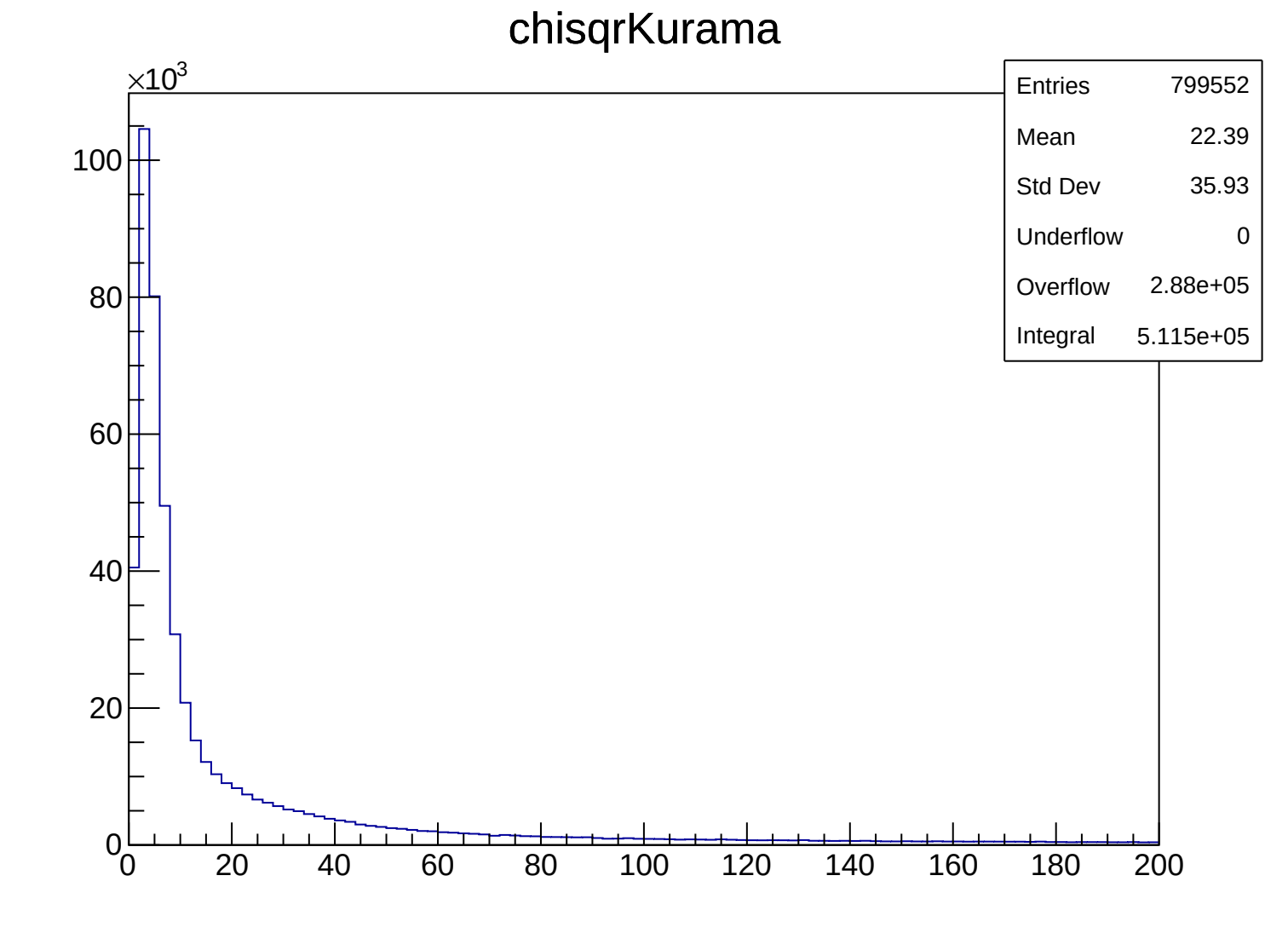
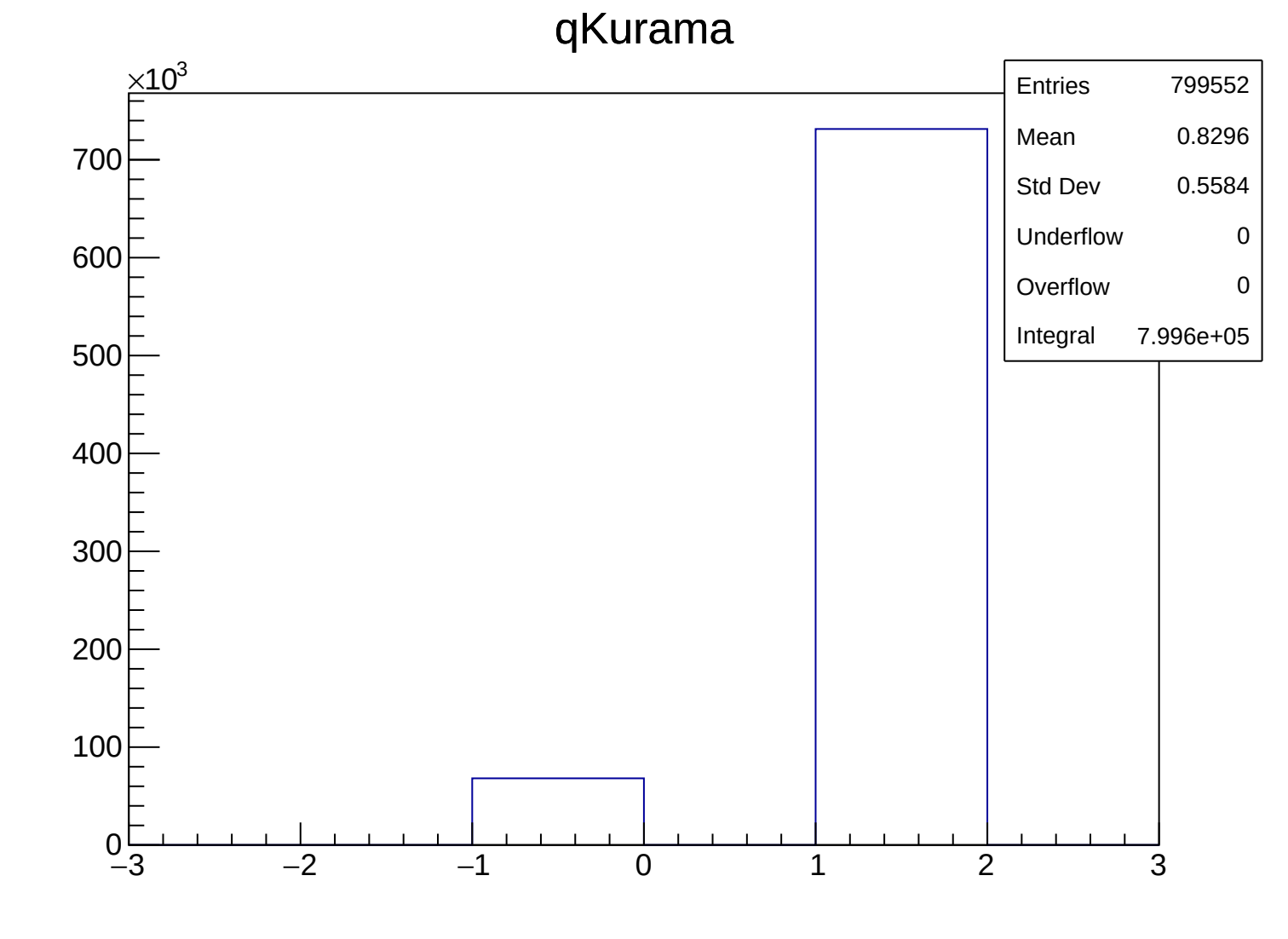
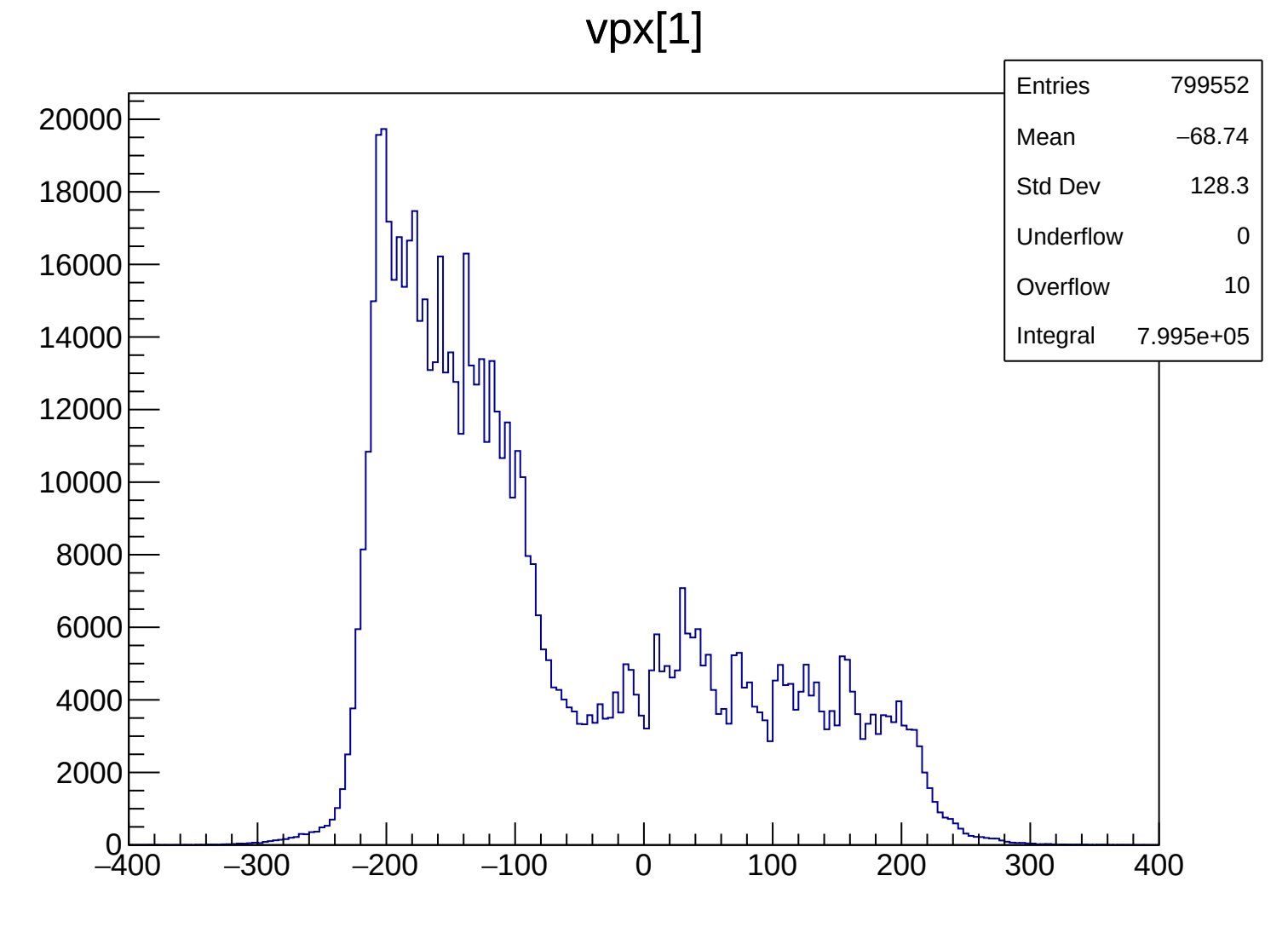
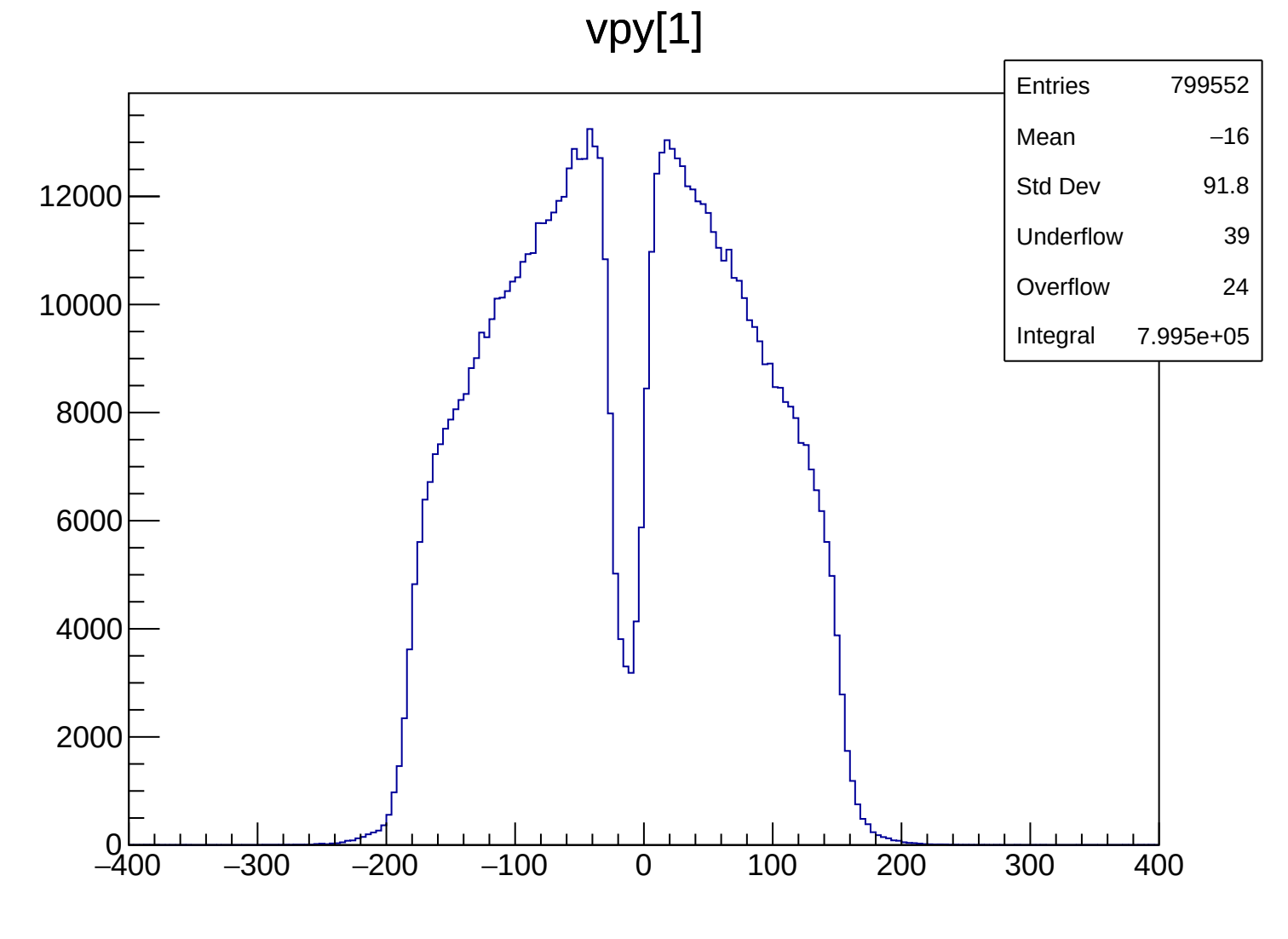

pKurama
Entries 799552
Mean 0.874
Std Dev 0.2707
Underflow 0
Overflow 4.114e+04
Integral 7.584e+05
35000
30000
25000
20000
15000
10000
5000
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

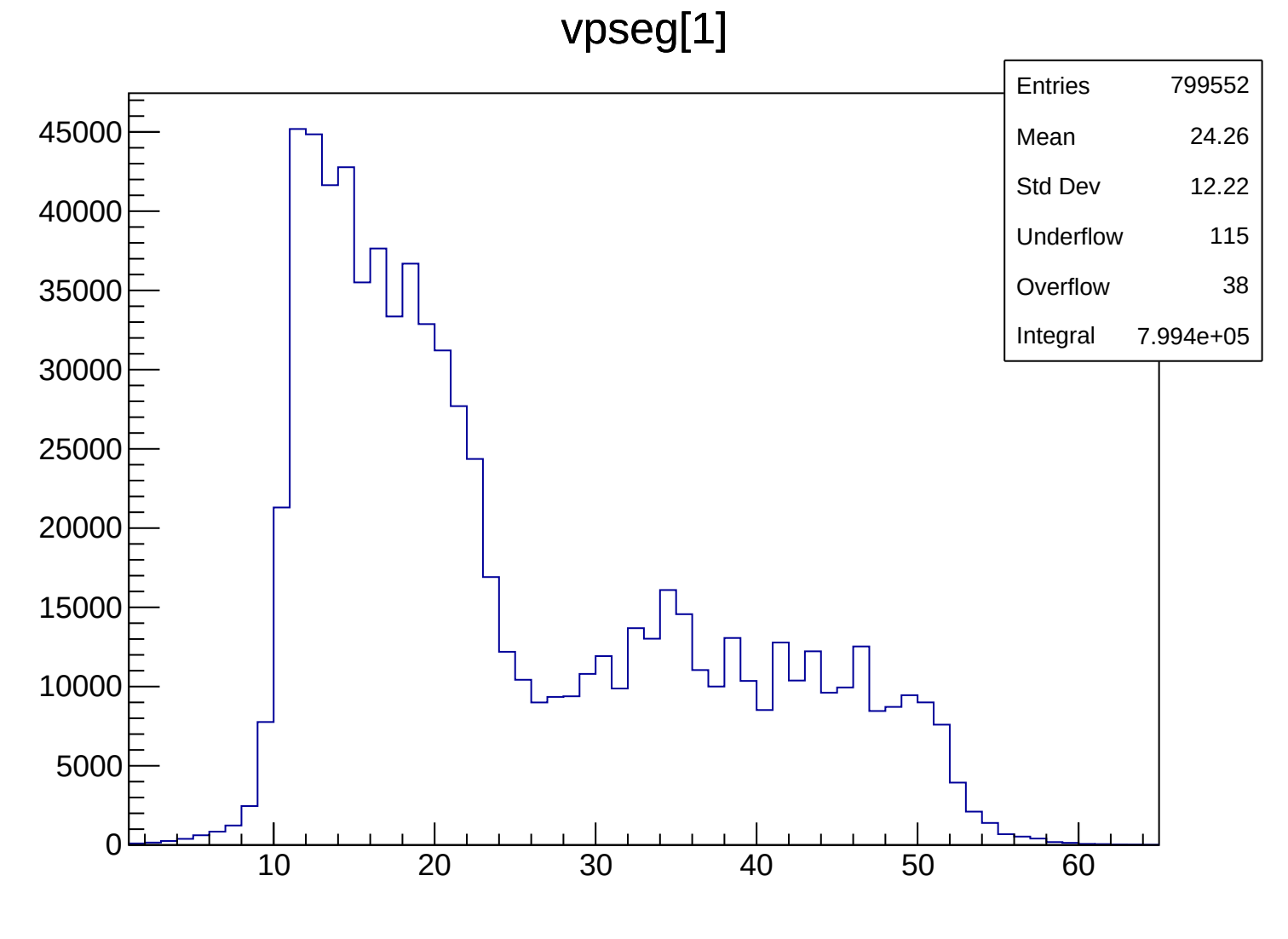

m2
Entries 799552
Mean 0.5263
Std Dev 0.3743
Underflow 1.373e+05
Overflow 8.868e+04
Integral 5.736e+05
30000
25000
20000
15000
10000
5000
0
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

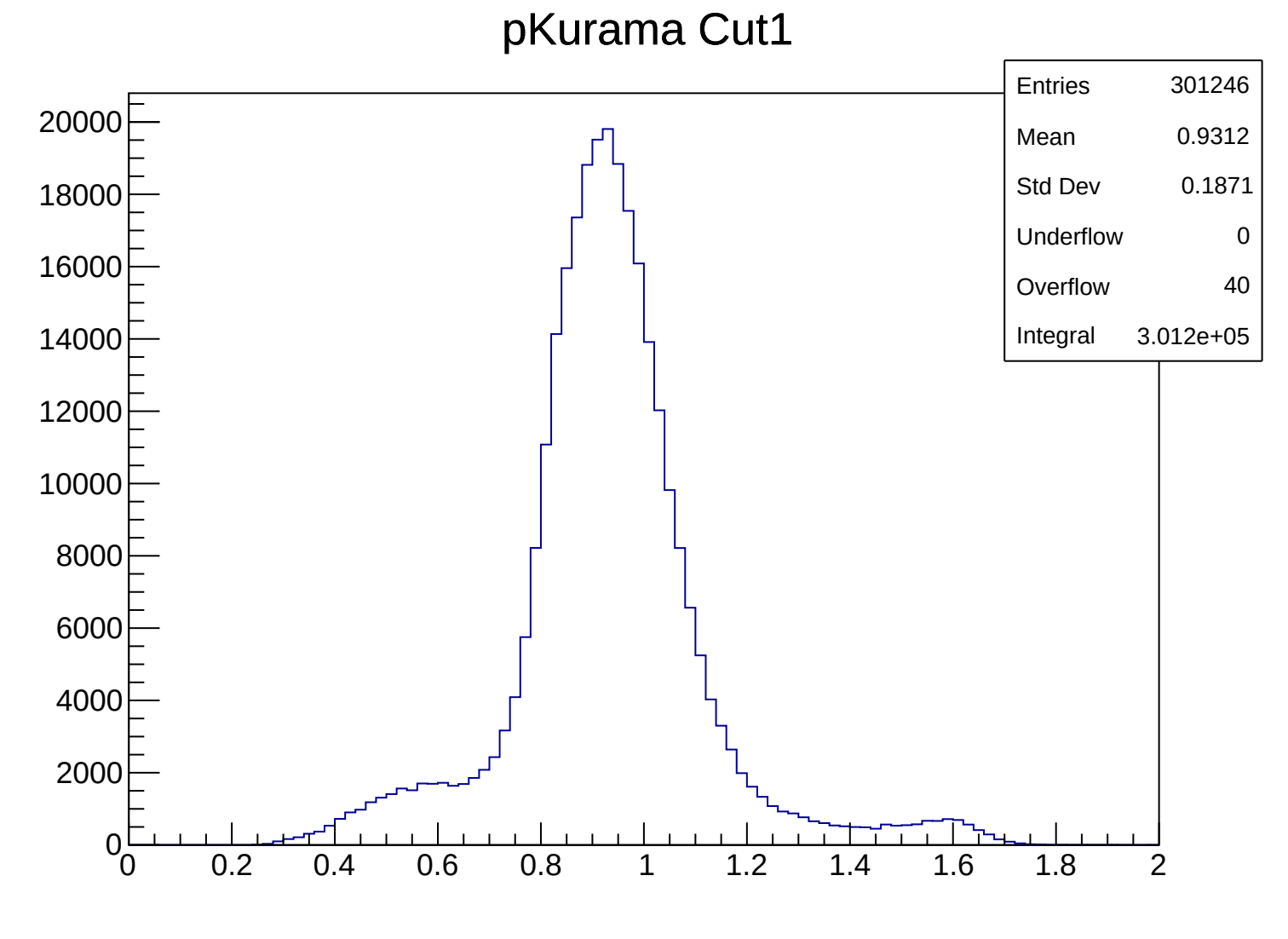

chisqrKurama
×10^3
100
80
60
40
20
0
0
20
40
60
80
100
120
140
160
180
200
Entries 799552
Mean 22.39
Std Dev 35.93
Underflow 0
Overflow 2.88e+05
Integral 5.115e+05

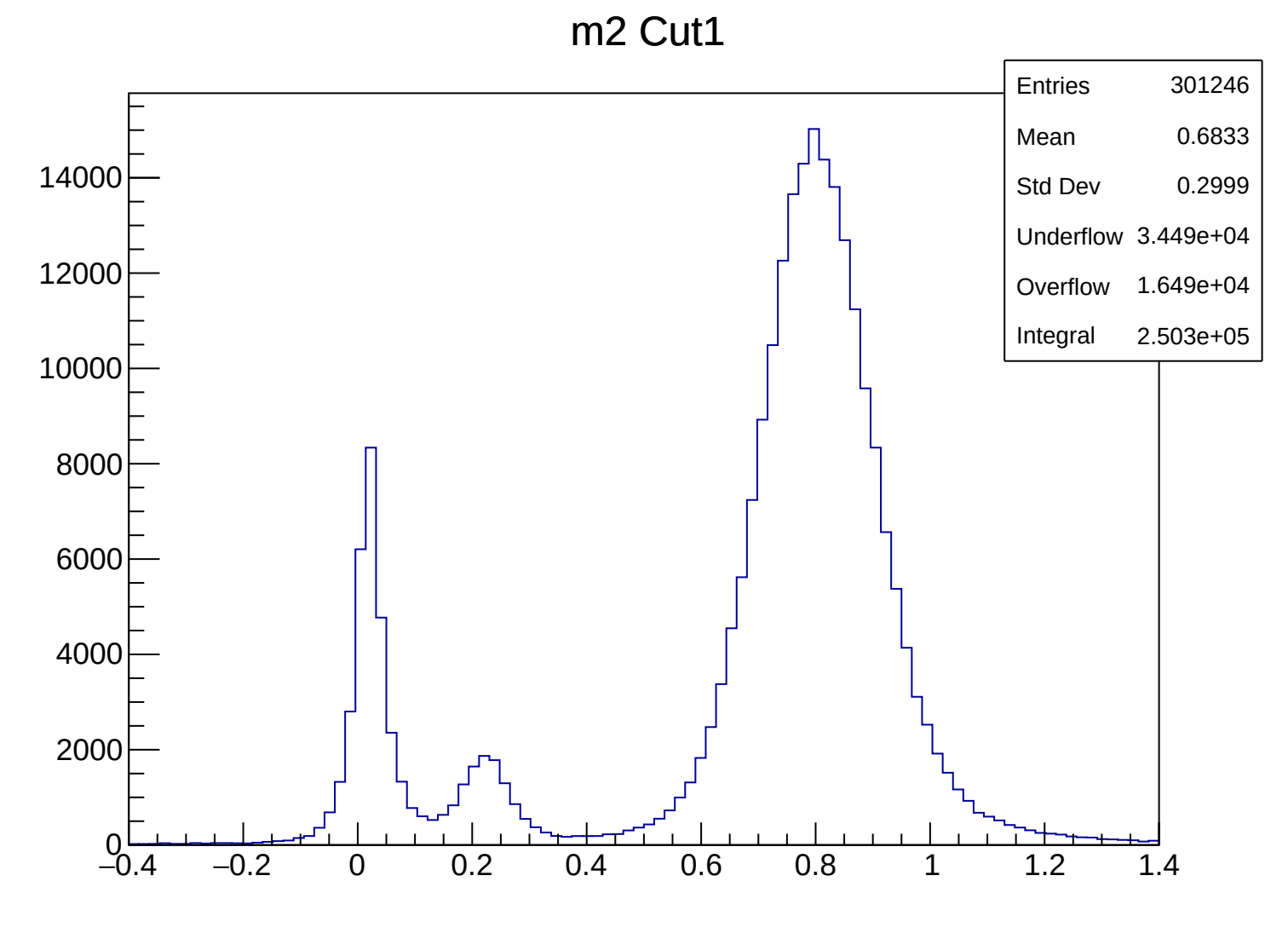

qKurama
×10^3
700
600
500
400
300
200
100
0
−3
−2
−1
0
1
2
3
Entries 799552
Mean 0.8296
Std Dev 0.5584
Underflow 0
Overflow 0
Integral 7.996e+05

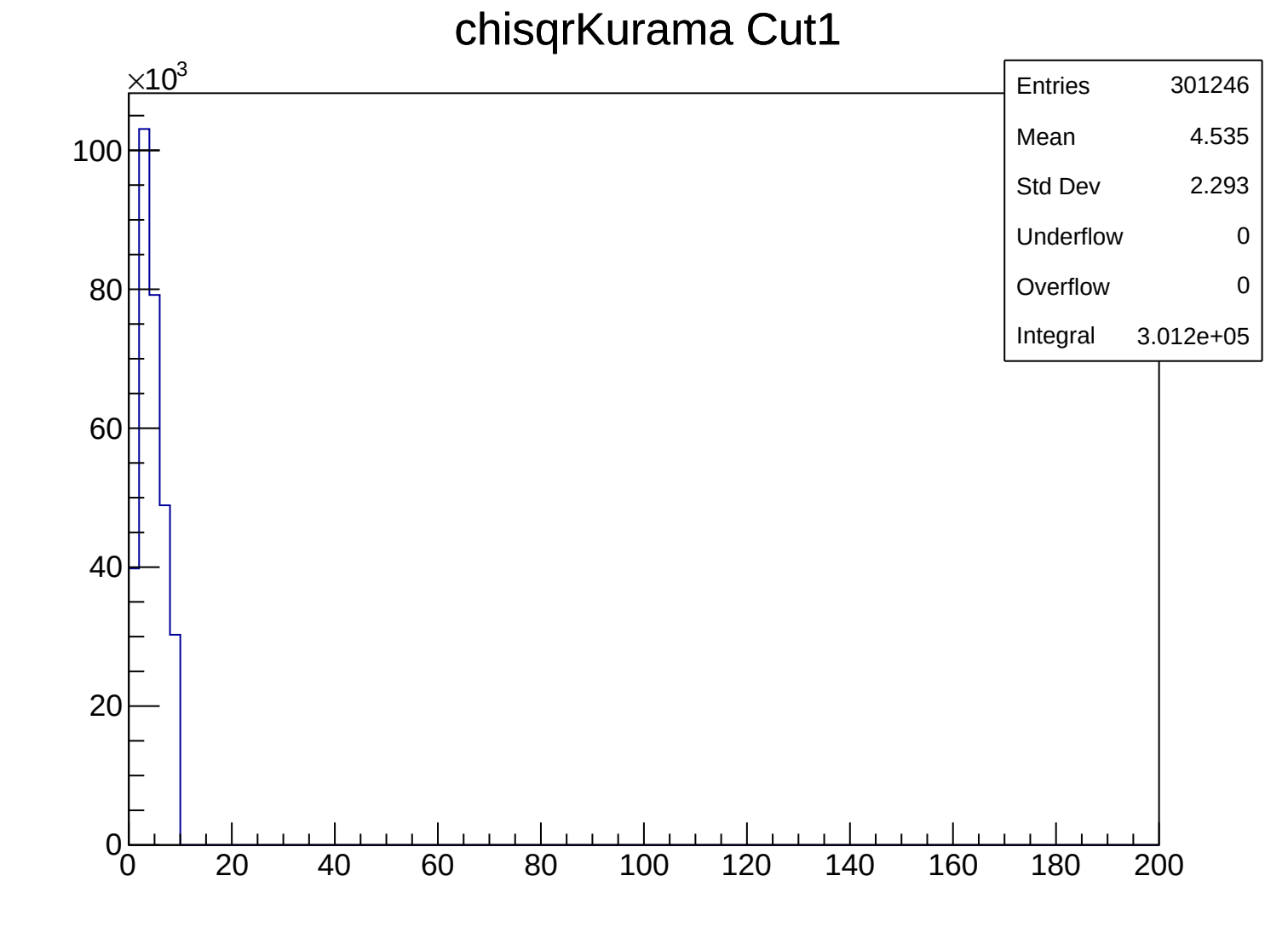

vpx[1]
Entries 799552
Mean −68.74
Std Dev 128.3
Underflow 0
Overflow 10
Integral 7.995e+05
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
−400
−300
−200
−100
0
100
200
300
400

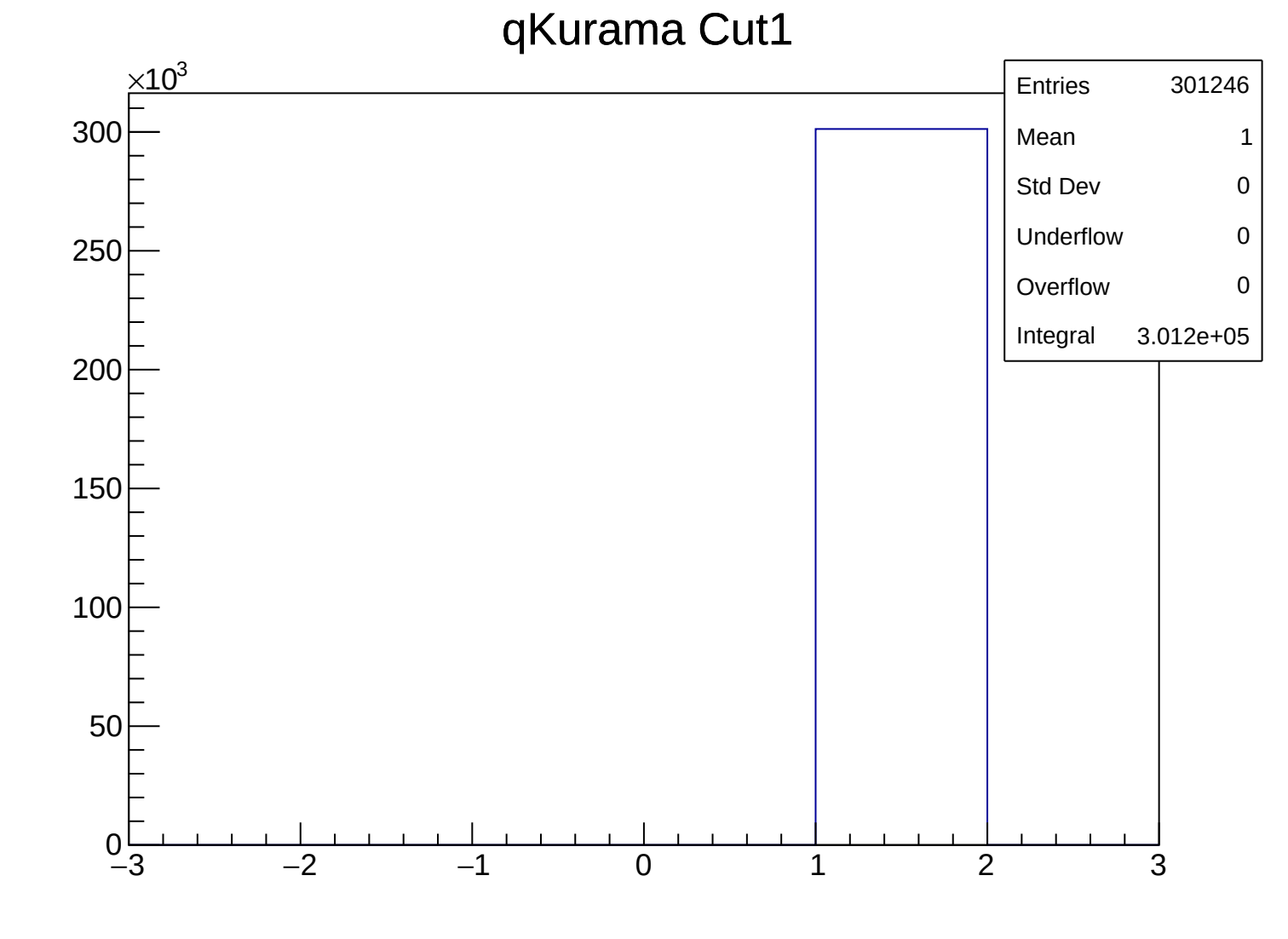

vpy[1]
Entries 799552
Mean −16
Std Dev 91.8
Underflow 39
Overflow 24
Integral 7.995e+05
12000
10000
8000
6000
4000
2000
0
−400
−300
−200
−100
0
100
200
300
400

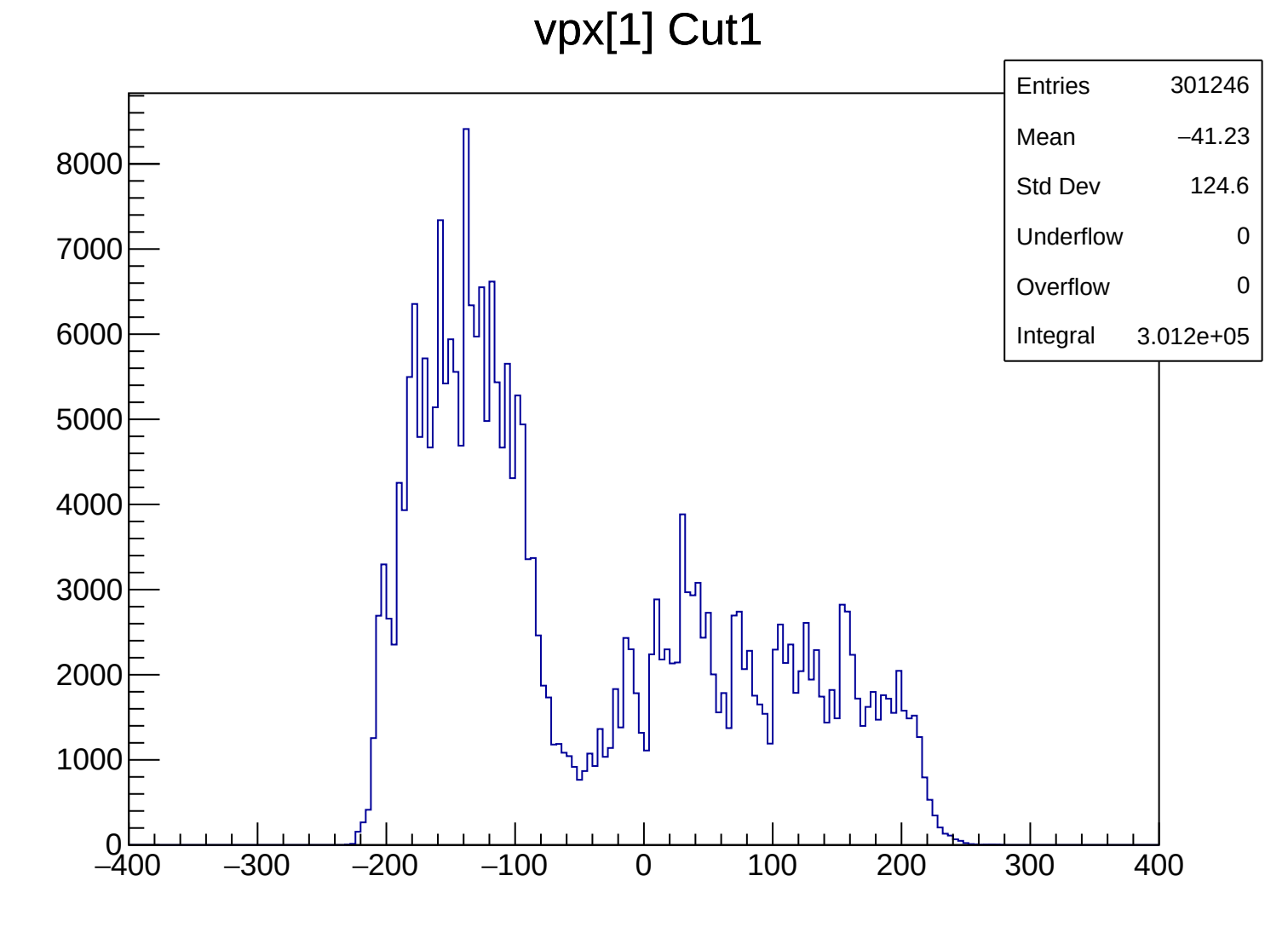

vpseg[1]
Entries 799552
Mean 24.26
Std Dev 12.22
Underflow 115
Overflow 38
Integral 7.994e+05
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
10
20
30
40
50
60

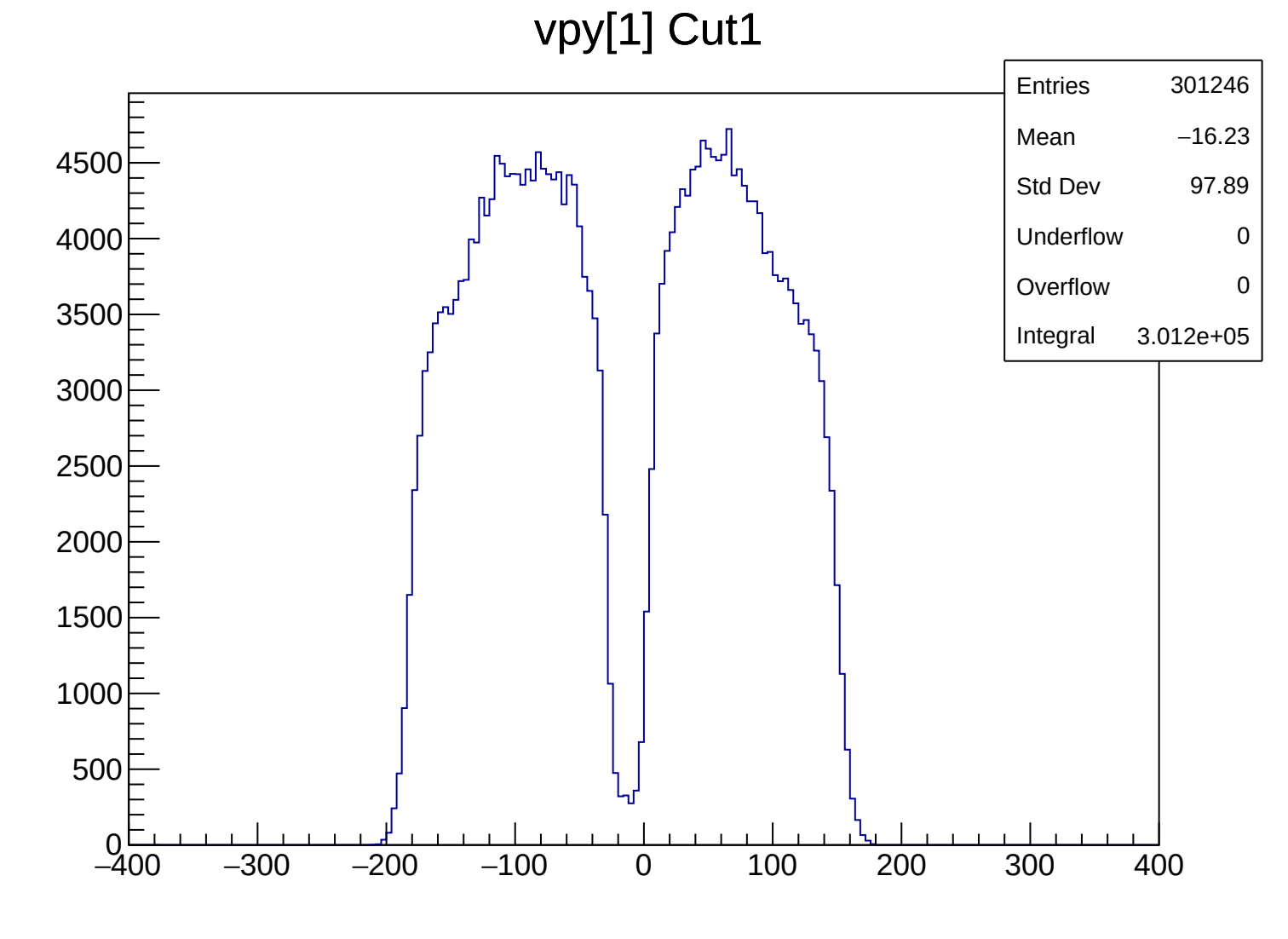

pKurama Cut1
Entries 301246
Mean 0.9312
Std Dev 0.1871
Underflow 0
Overflow 40
Integral 3.012e+05
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

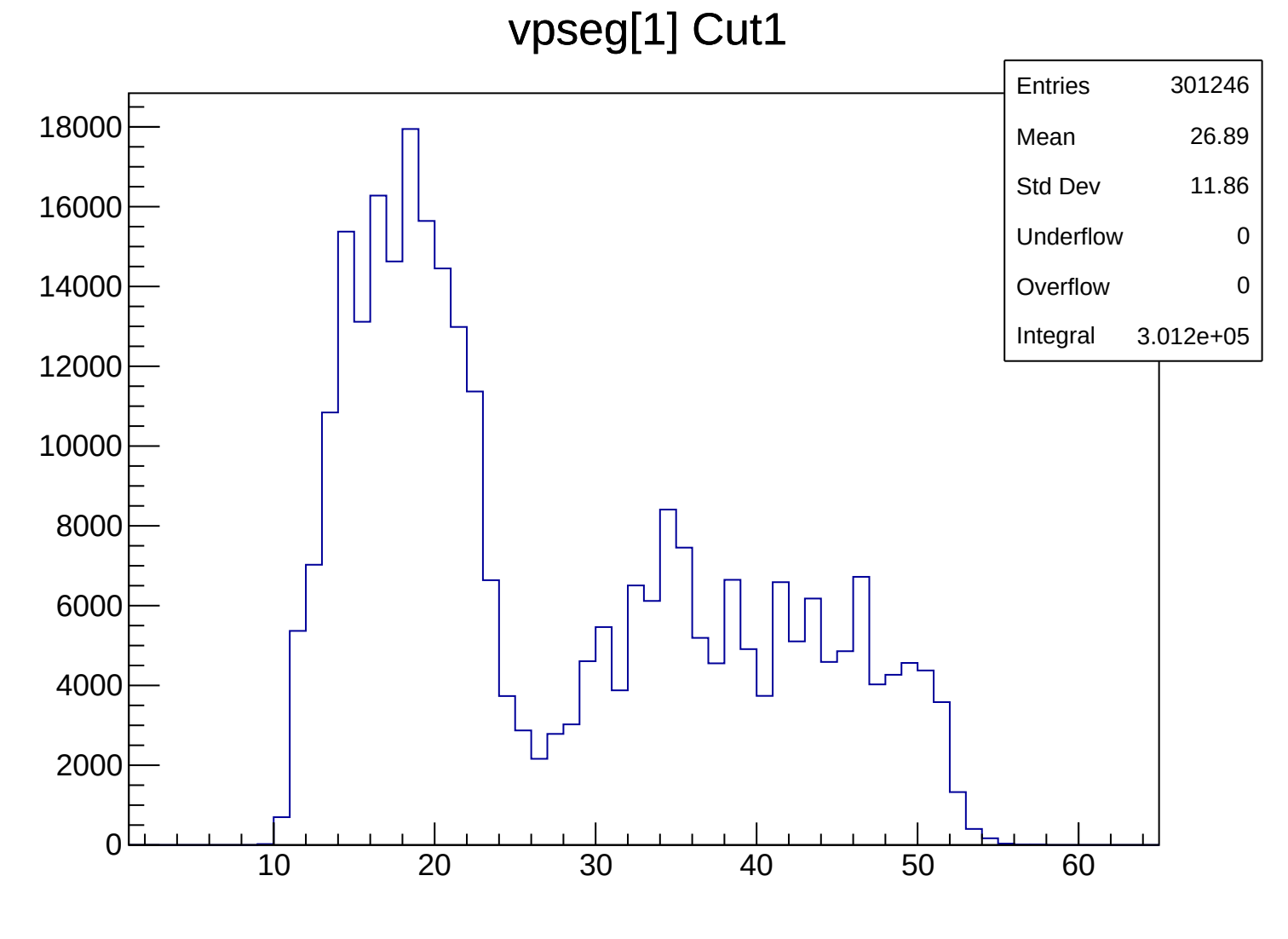

m2 Cut1
Entries 301246
Mean 0.6833
Std Dev 0.2999
Underflow 3.449e+04
Overflow 1.649e+04
Integral 2.503e+05
14000
12000
10000
8000
6000
4000
2000
0
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

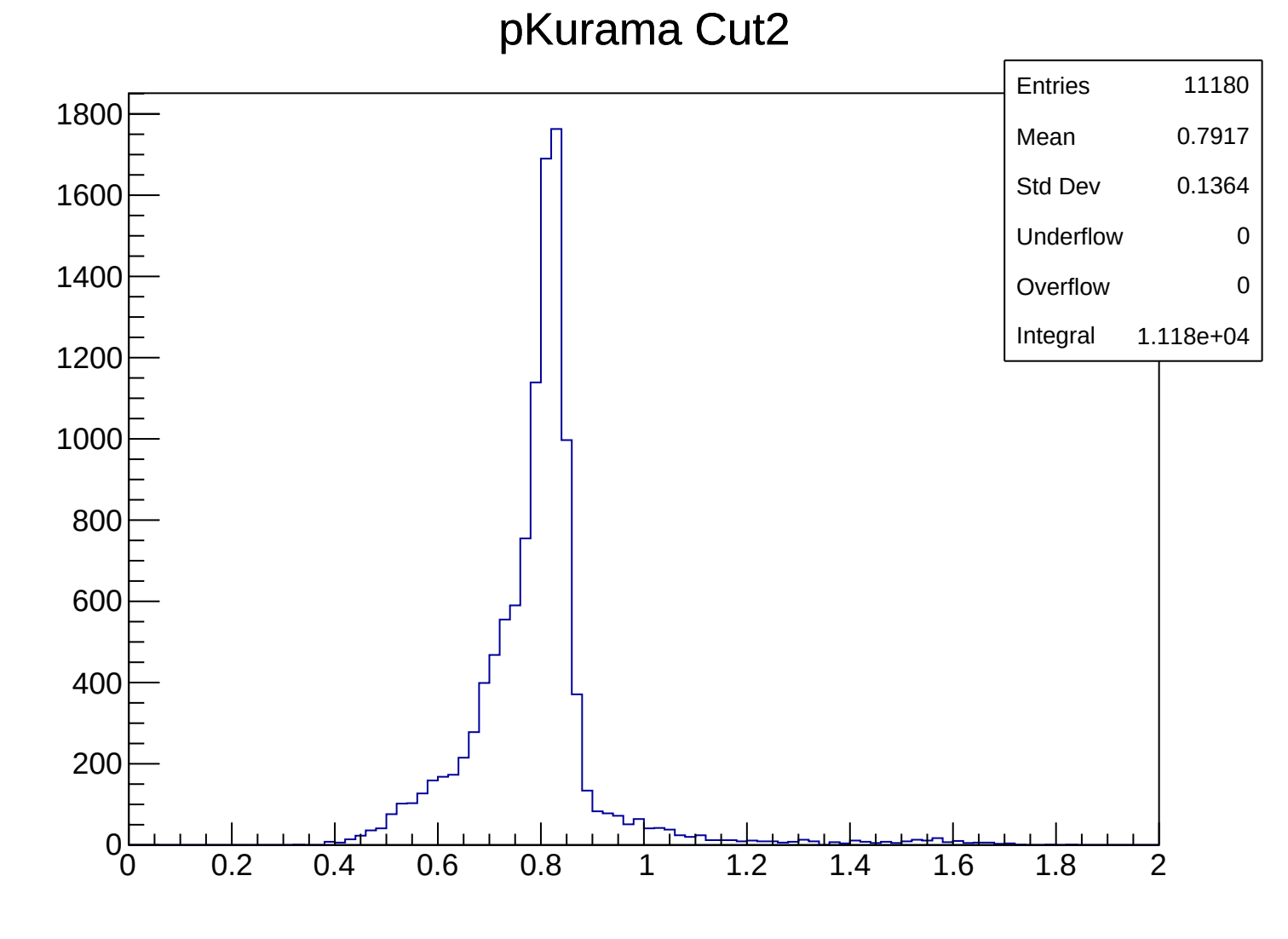

chisqrKurama Cut1
×10^3
100
80
60
40
20
0
0
20
40
60
80
100
120
140
160
180
200
Entries 301246
Mean 4.535
Std Dev 2.293
Underflow 0
Overflow 0
Integral 3.012e+05

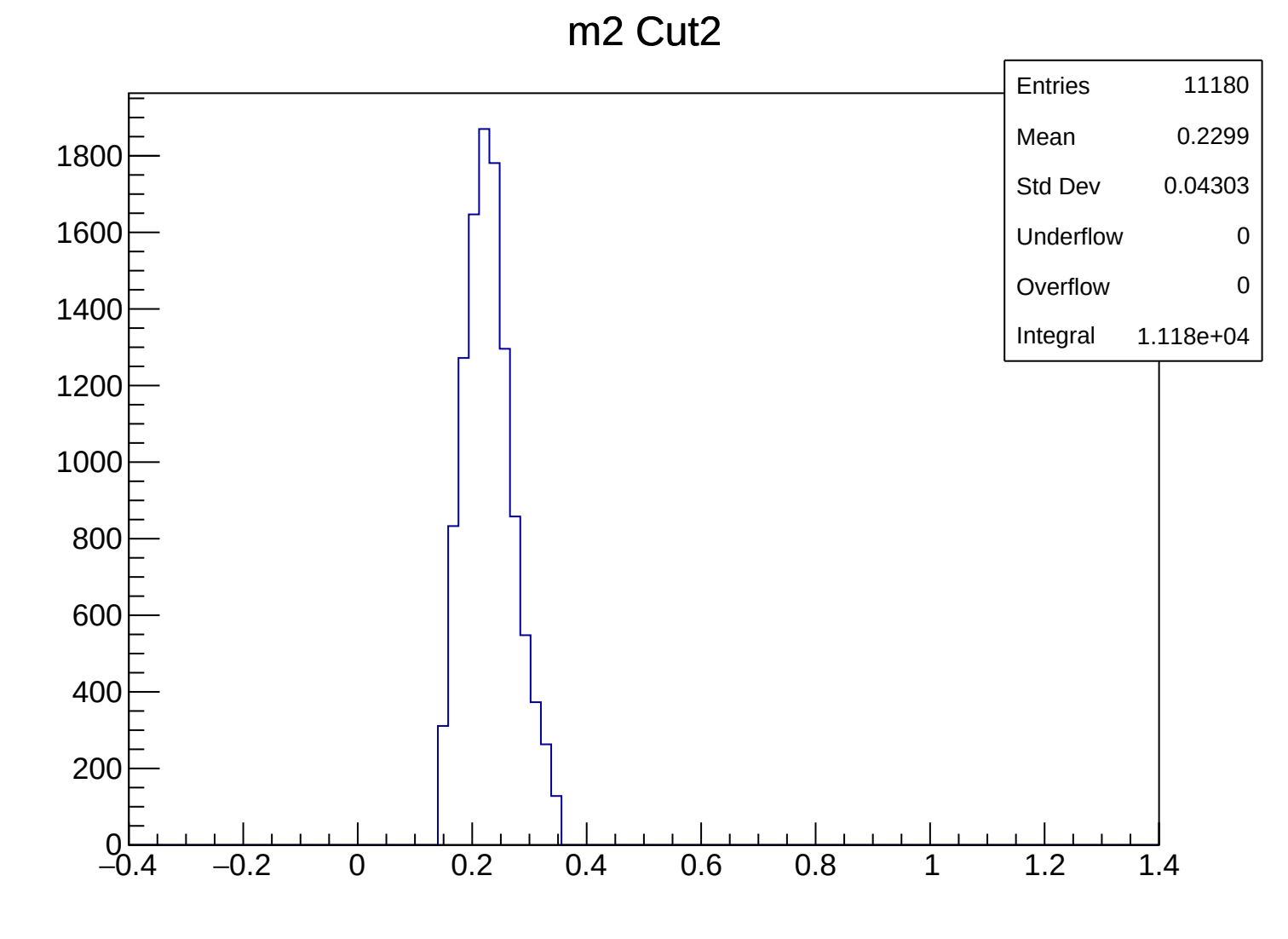

qKurama Cut1
×10^3
300
250
200
150
100
50
0
−3
−2
−1
0
1
2
3
Entries 301246
Mean 1
Std Dev 0
Underflow 0
Overflow 0
Integral 3.012e+05

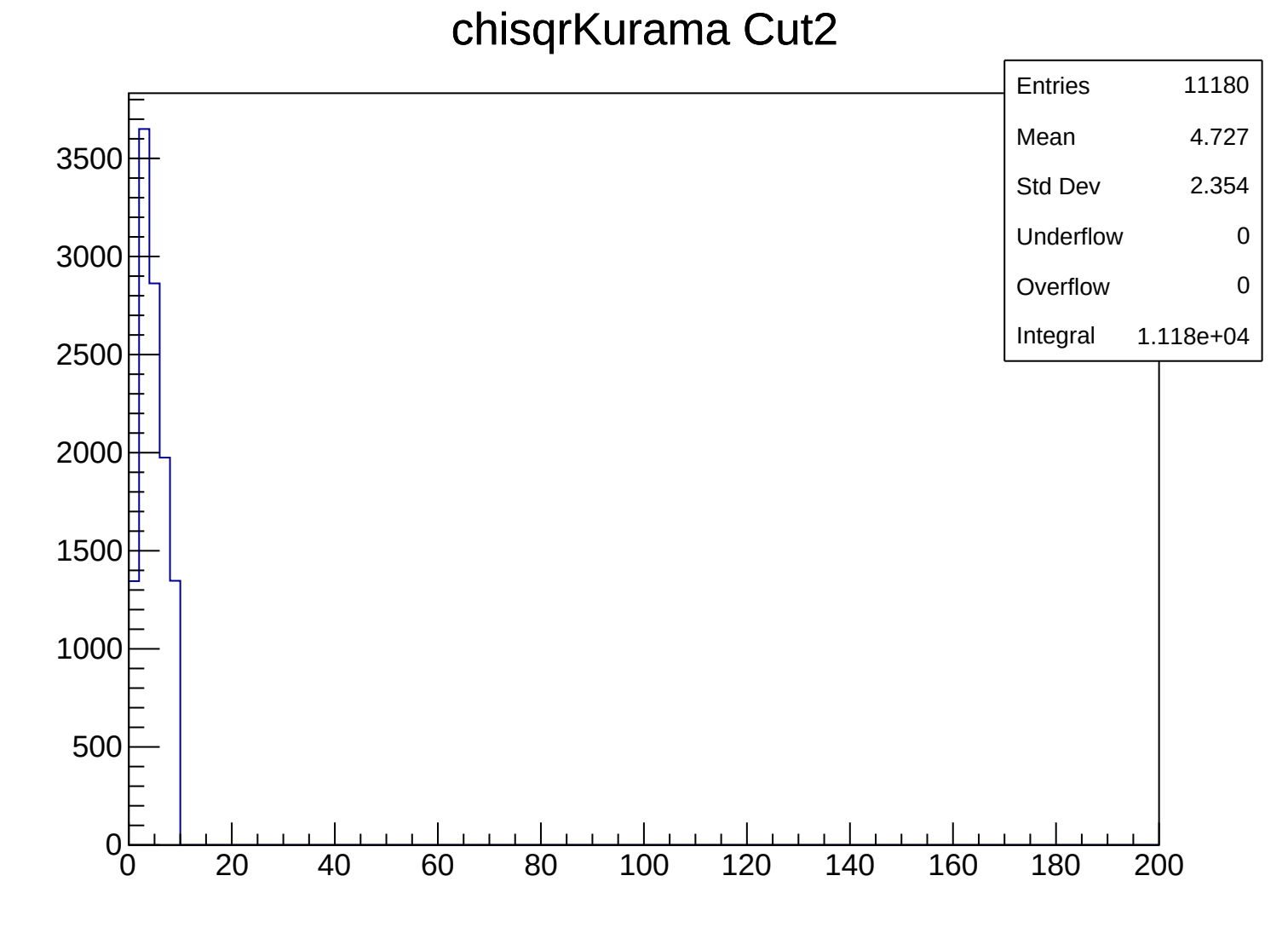

vpx[1] Cut1
Entries 301246
Mean –41.23
Std Dev 124.6
Underflow 0
Overflow 0
Integral 3.012e+05
8000
7000
6000
5000
4000
3000
2000
1000
0
–400
–300
–200
–100
0
100
200
300
400

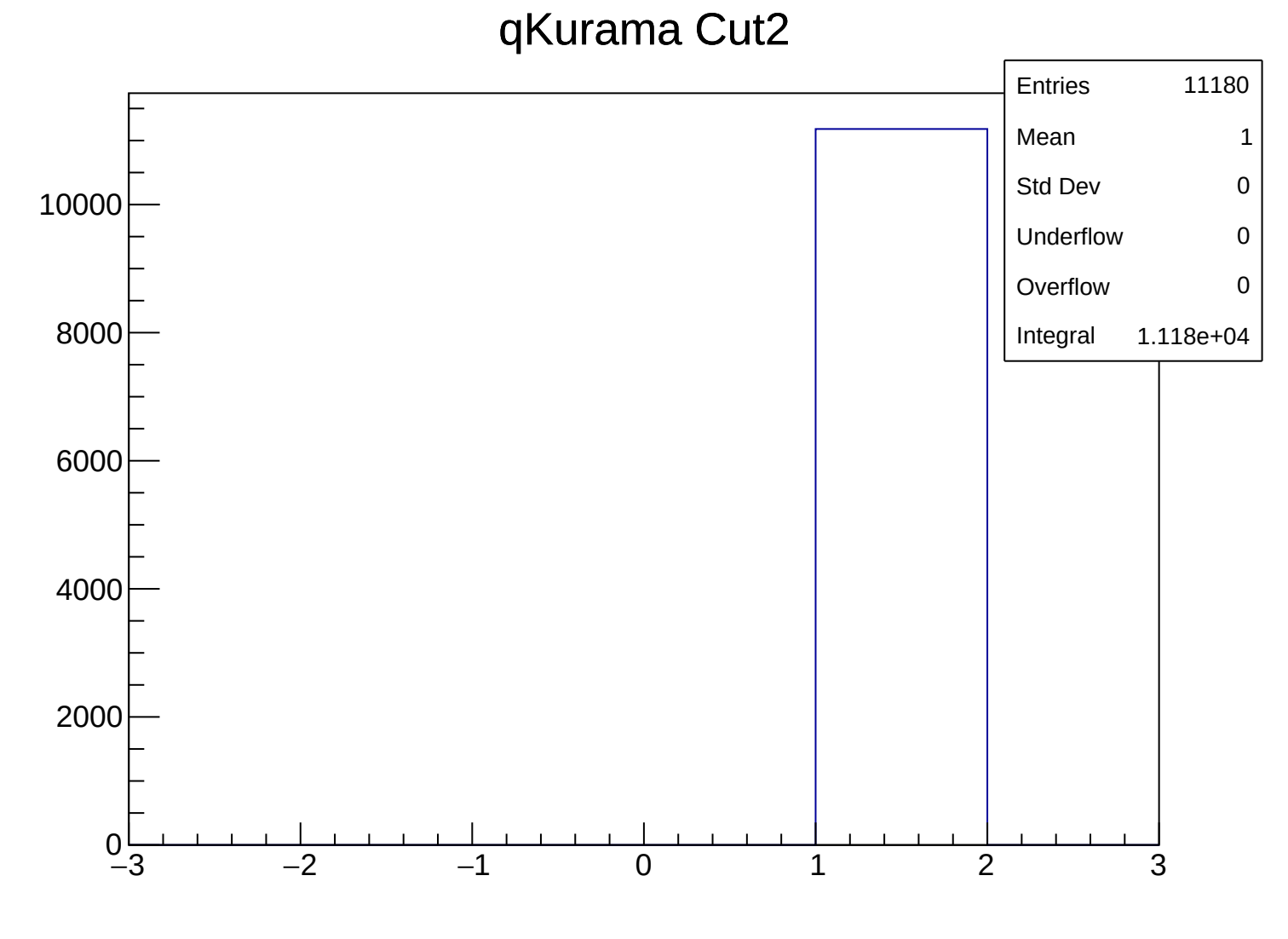

vpy[1] Cut1
Entries 301246
Mean −16.23
Std Dev 97.89
Underflow 0
Overflow 0
Integral 3.012e+05
4500
4000
3500
3000
2500
2000
1500
1000
500
0
−400
−300
−200
−100
0
100
200
300
400

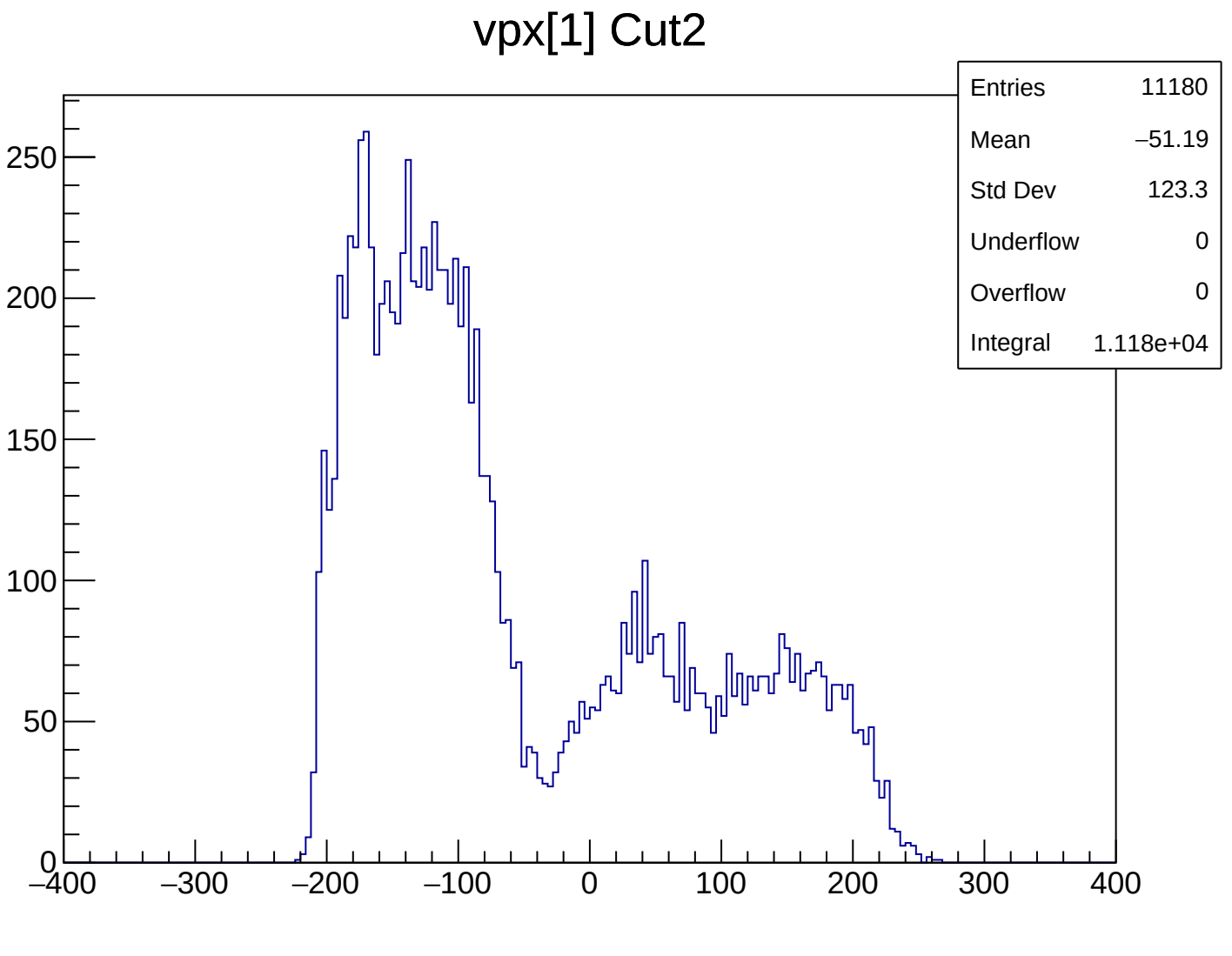

vpseg[1] Cut1
Entries 301246
Mean 26.89
Std Dev 11.86
Underflow 0
Overflow 0
Integral 3.012e+05
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
10
20
30
40
50
60

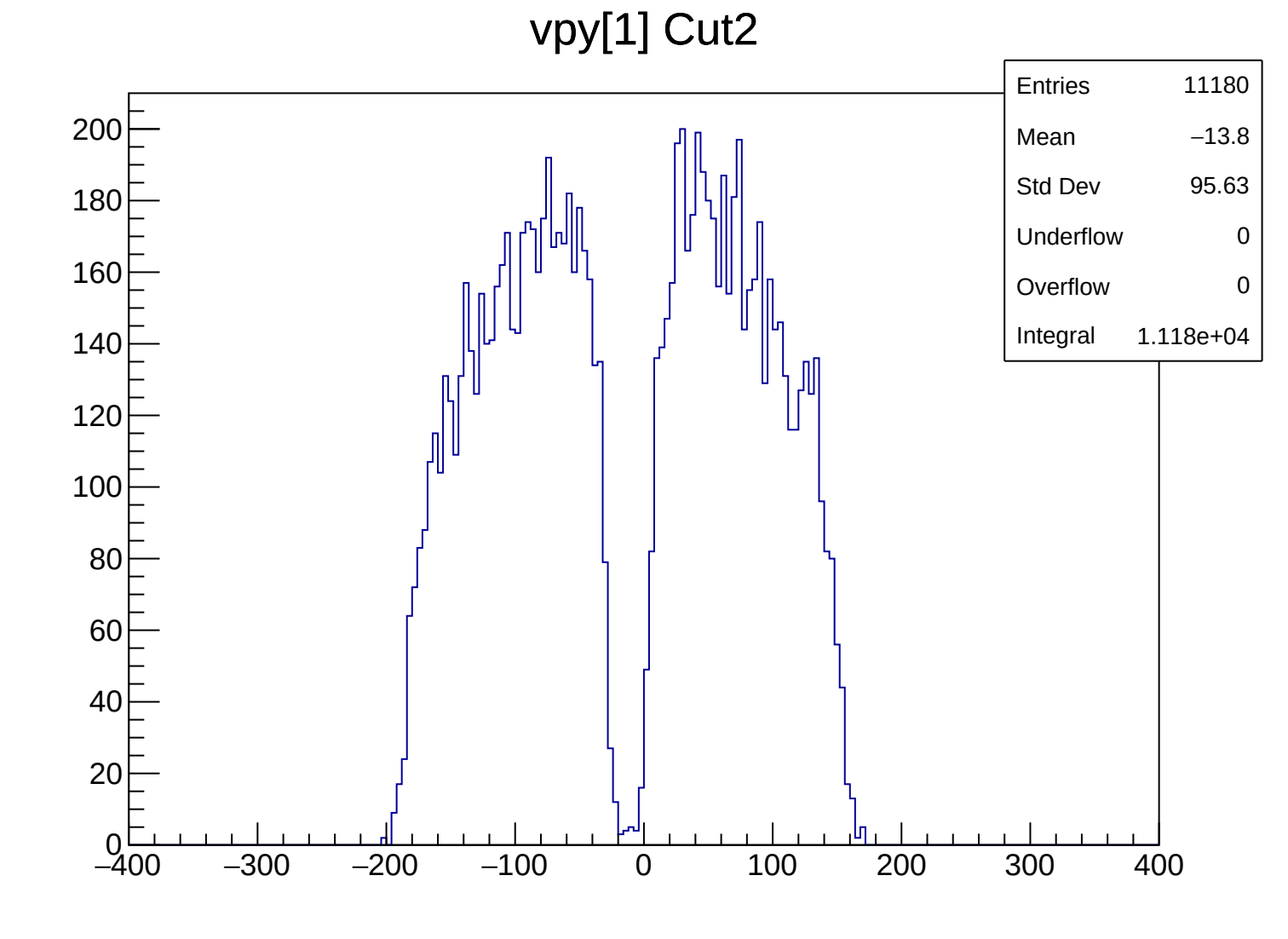

pKurama Cut2
Entries 11180
Mean 0.7917
Std Dev 0.1364
Underflow 0
Overflow 0
Integral 1.118e+04
1800
1600
1400
1200
1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

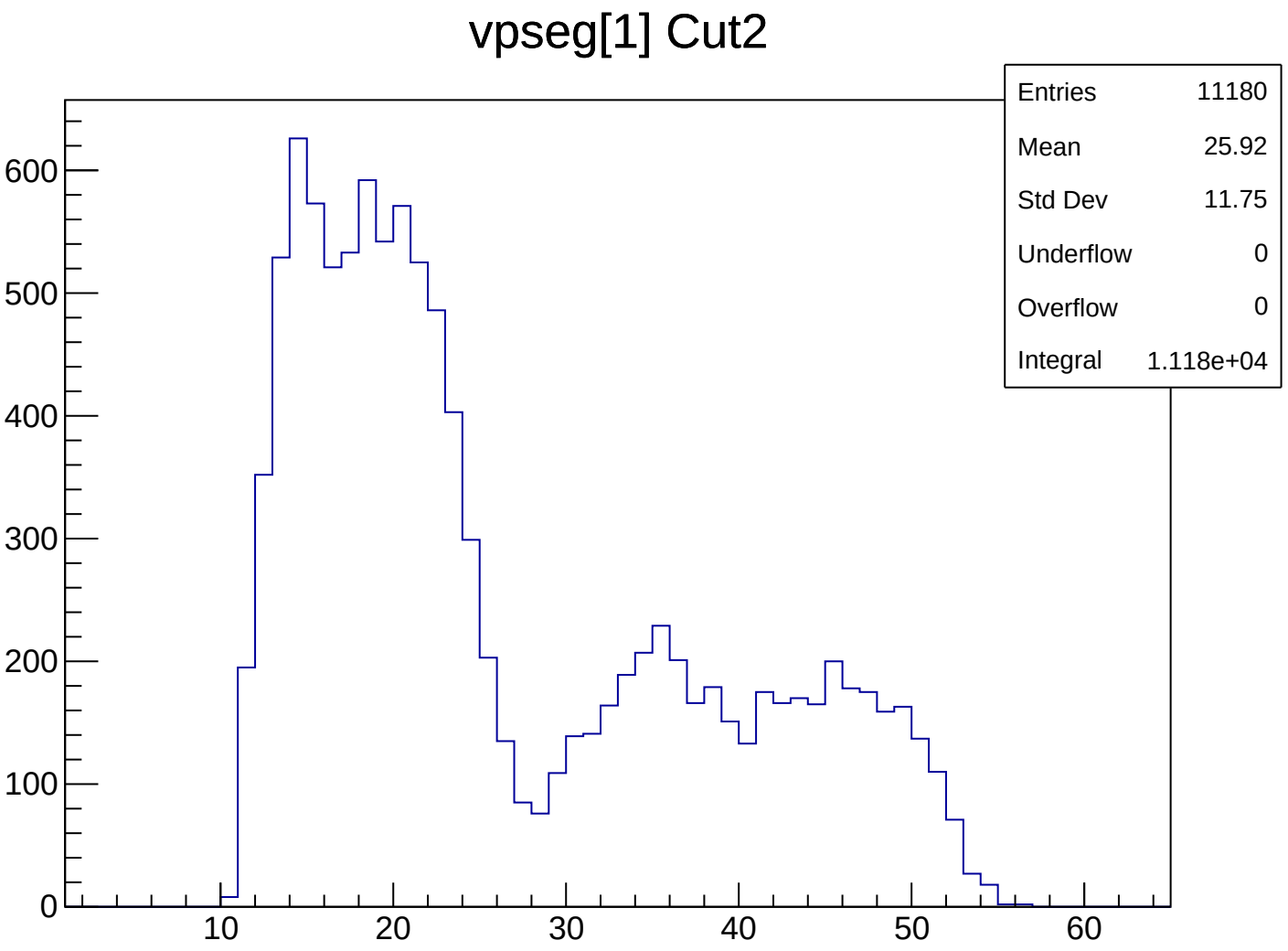

m2 Cut2
Entries 11180
Mean 0.2299
Std Dev 0.04303
Underflow 0
Overflow 0
Integral 1.118e+04
1800
1600
1400
1200
1000
800
600
400
200
0
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

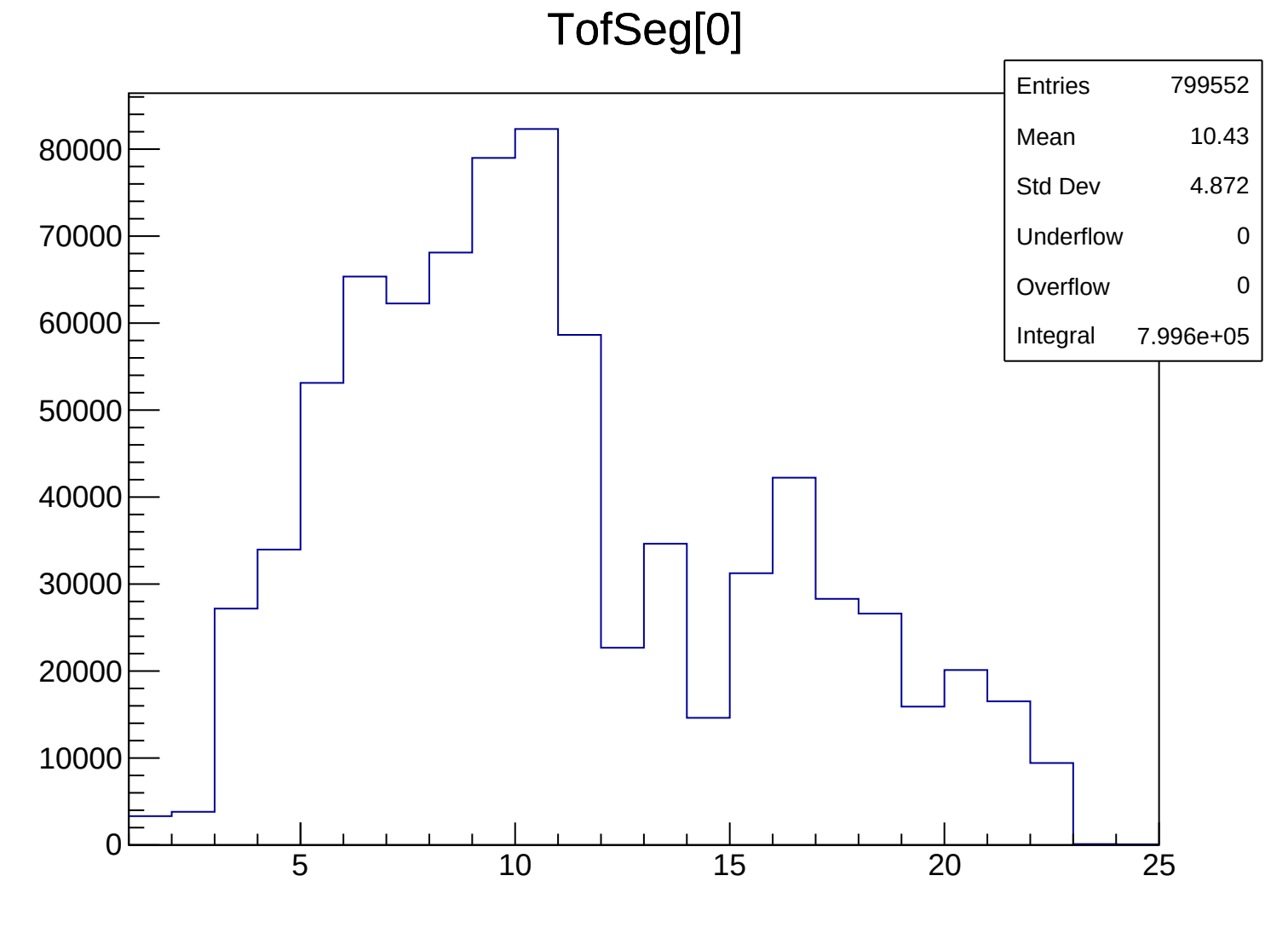

chisqrKurama Cut2
Entries 11180
Mean 4.727
Std Dev 2.354
Underflow 0
Overflow 0
Integral 1.118e+04
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
140
160
180
200

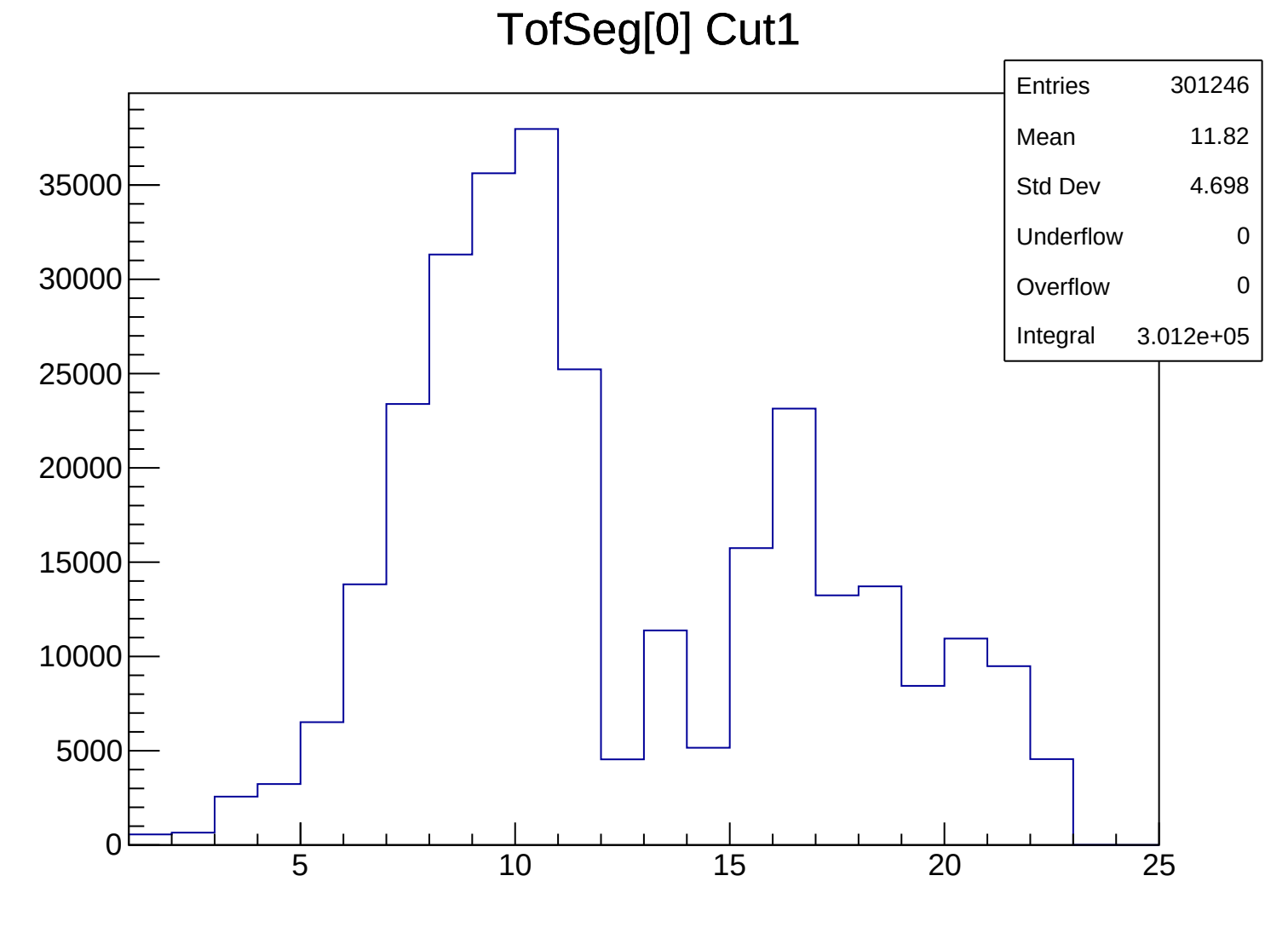

qKurama Cut2
Entries 11180
Mean 1
Std Dev 0
Underflow 0
Overflow 0
Integral 1.118e+04
10000
8000
6000
4000
2000
0
−3
−2
−1
0
1
2
3

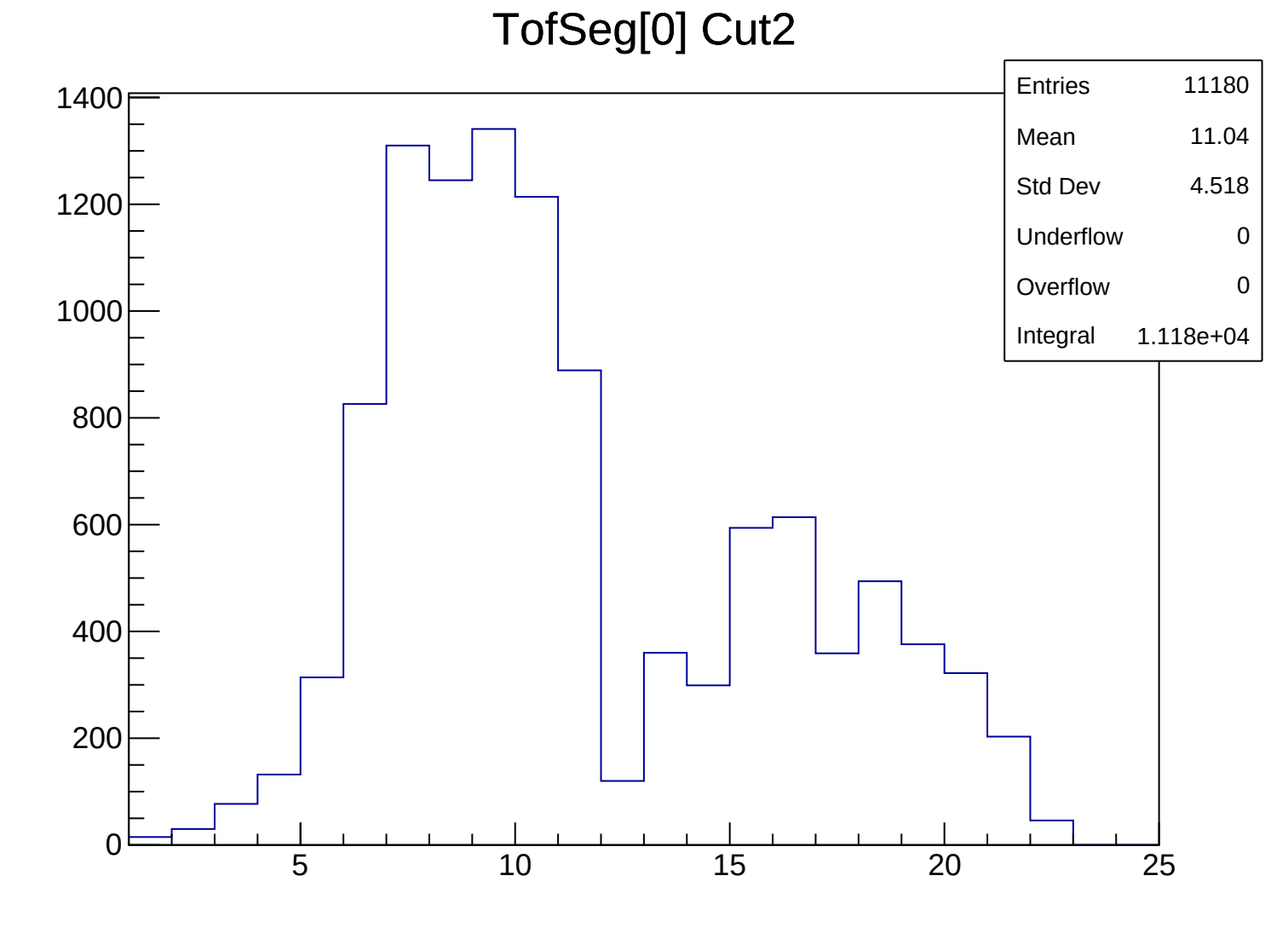

vpx[1] Cut2
Entries 11180
Mean –51.19
Std Dev 123.3
Underflow 0
Overflow 0
Integral 1.118e+04
250
200
150
100
50
0
–400
–300
–200
–100
0
100
200
300
400

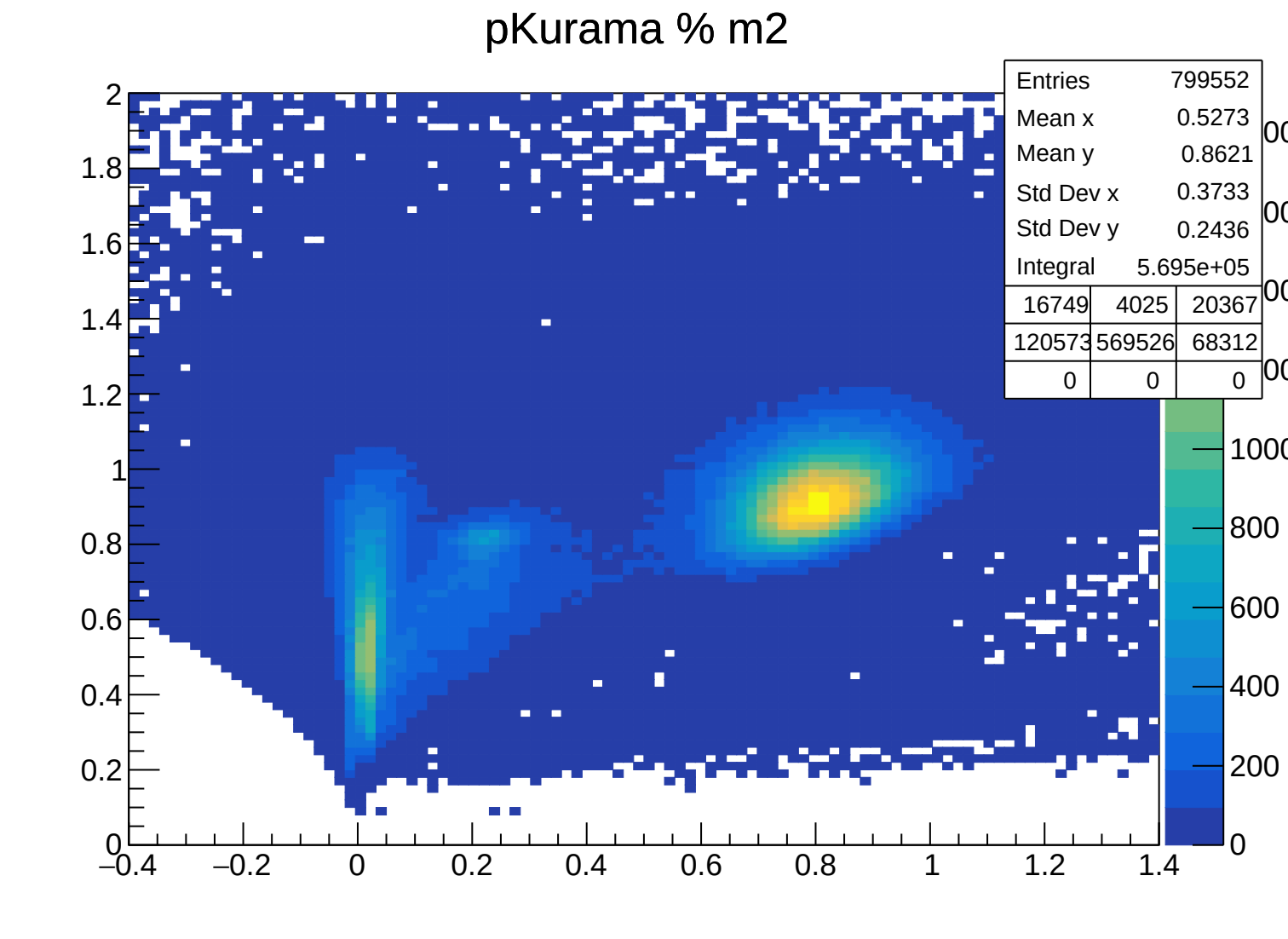

vpy[1] Cut2
Entries 11180
Mean −13.8
Std Dev 95.63
Underflow 0
Overflow 0
Integral 1.118e+04
200
180
160
140
120
100
80
60
40
20
0
−400
−300
−200
−100
0
100
200
300
400

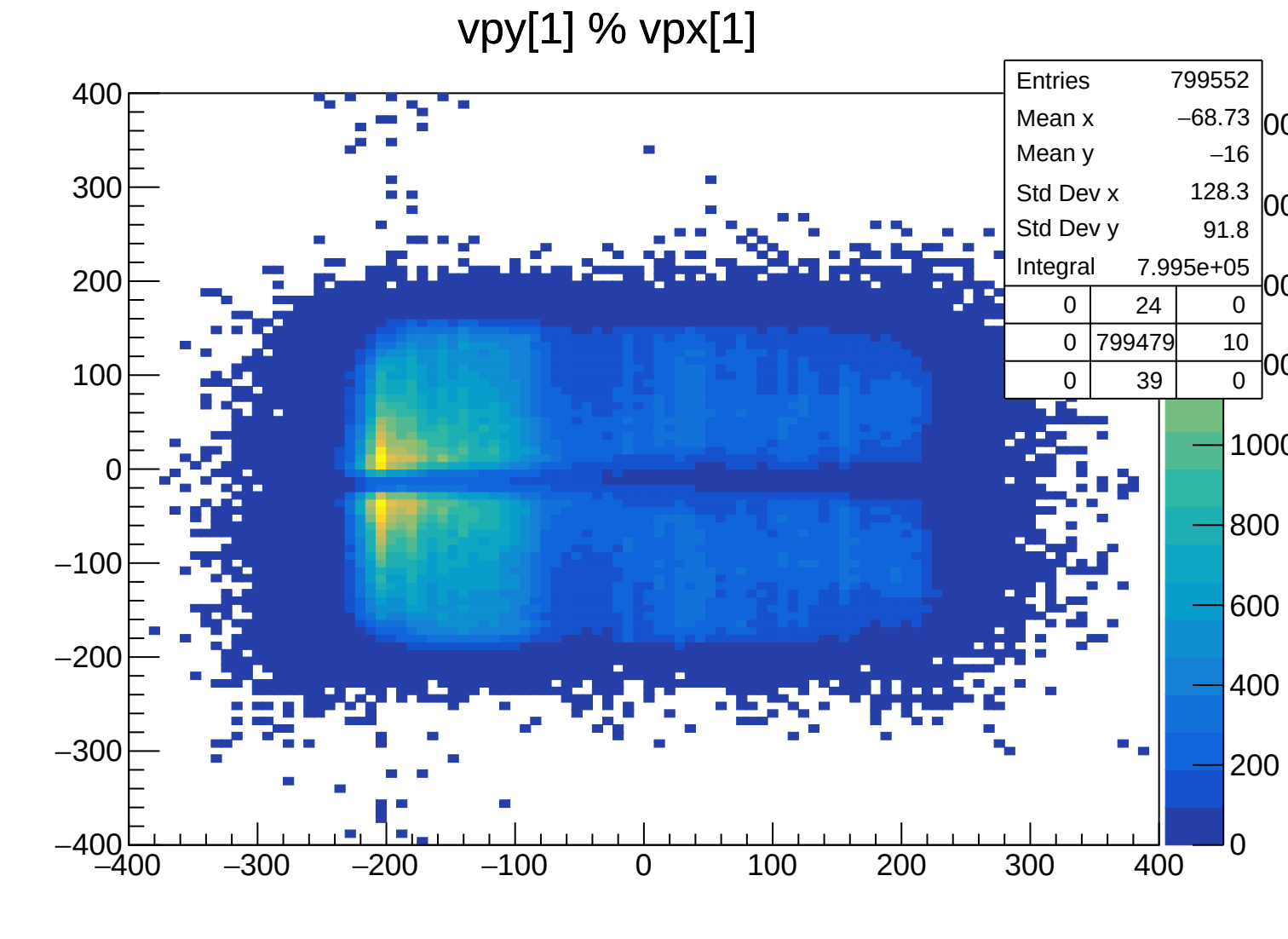

vpseg[1] Cut2
Entries 11180
Mean 25.92
Std Dev 11.75
Underflow 0
Overflow 0
Integral 1.118e+04
600
500
400
300
200
100
0
10
20
30
40
50
60

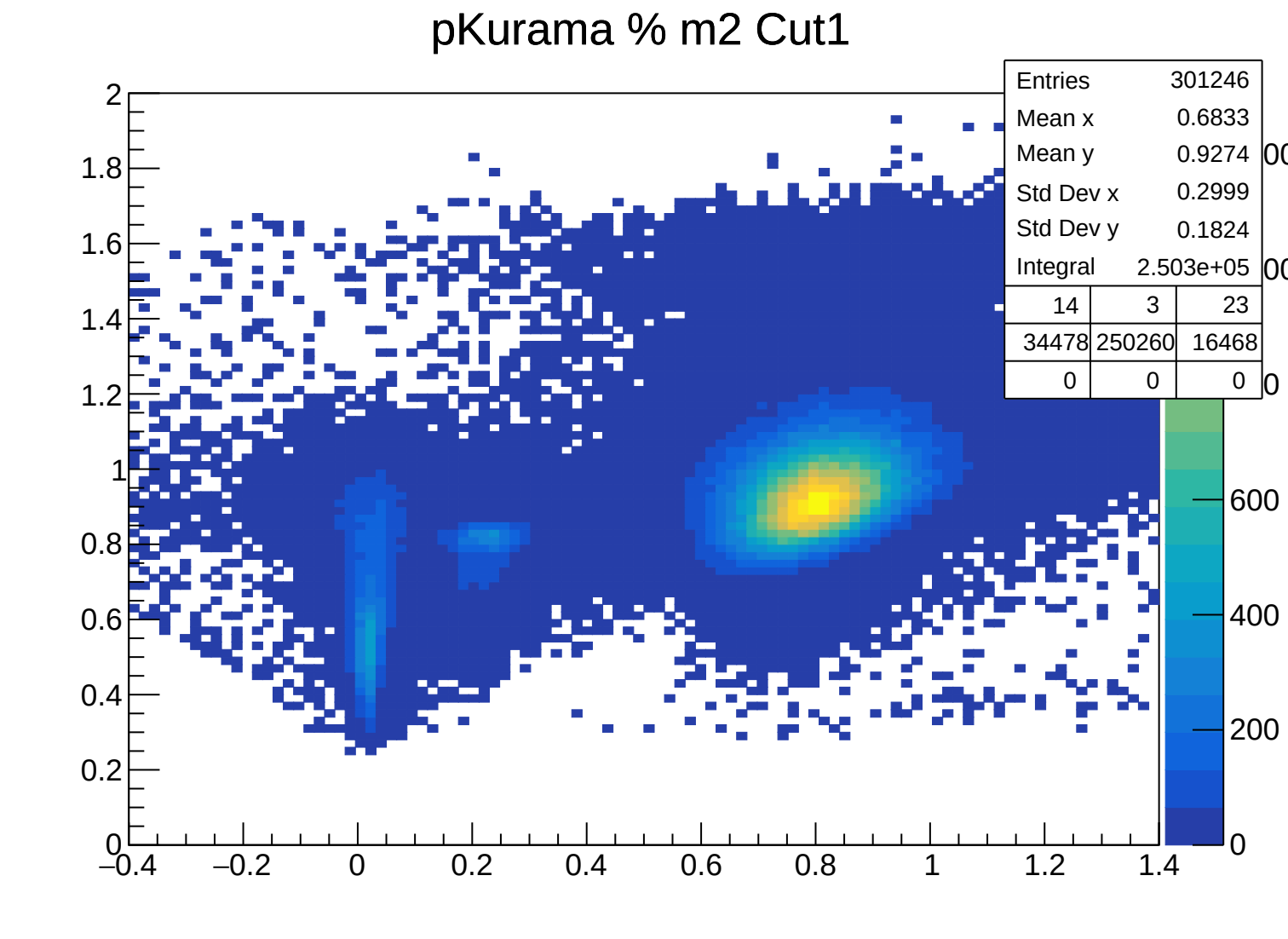

TofSeg[0]
Entries 799552
Mean 10.43
Std Dev 4.872
Underflow 0
Overflow 0
Integral 7.996e+05
80000
70000
60000
50000
40000
30000
20000
10000
0
5
10
15
20
25

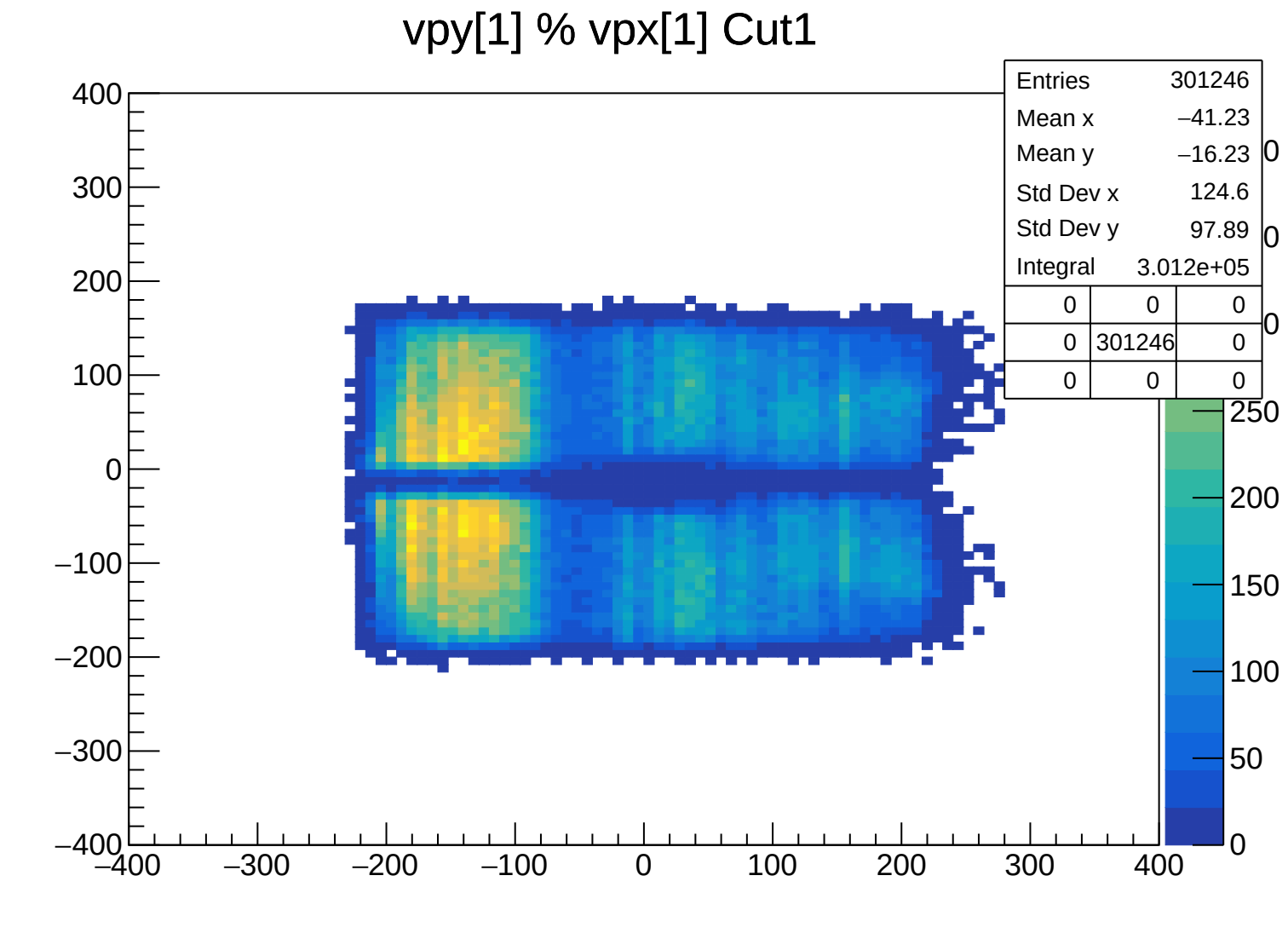

TofSeg[0] Cut1
Entries 301246
Mean 11.82
Std Dev 4.698
Underflow 0
Overflow 0
Integral 3.012e+05
35000
30000
25000
20000
15000
10000
5000
0
5
10
15
20
25

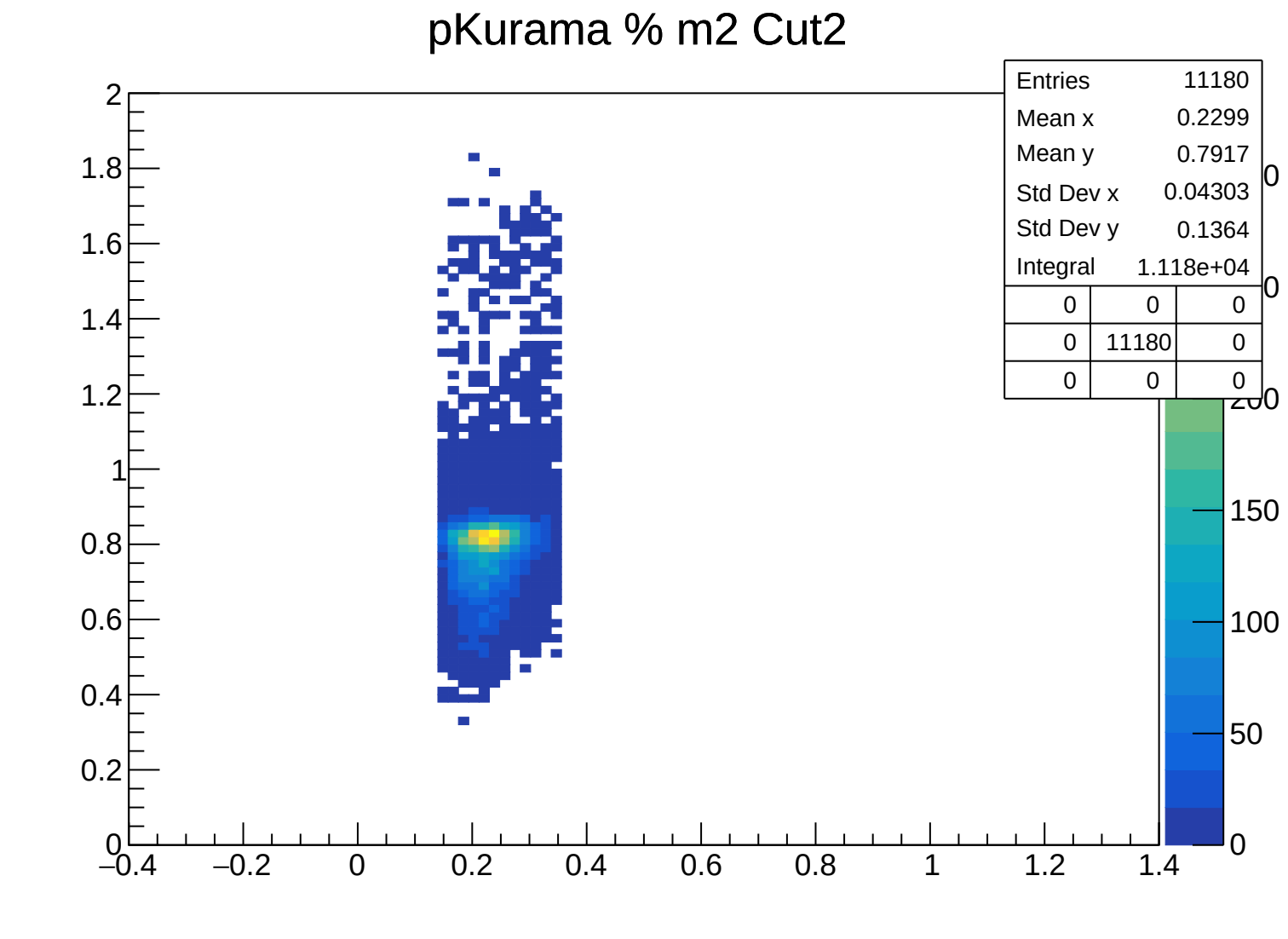

TofSeg[0] Cut2
Entries 11180
Mean 11.04
Std Dev 4.518
Underflow 0
Overflow 0
Integral 1.118e+04
1400
1200
1000
800
600
400
200
0
5
10
15
20
25

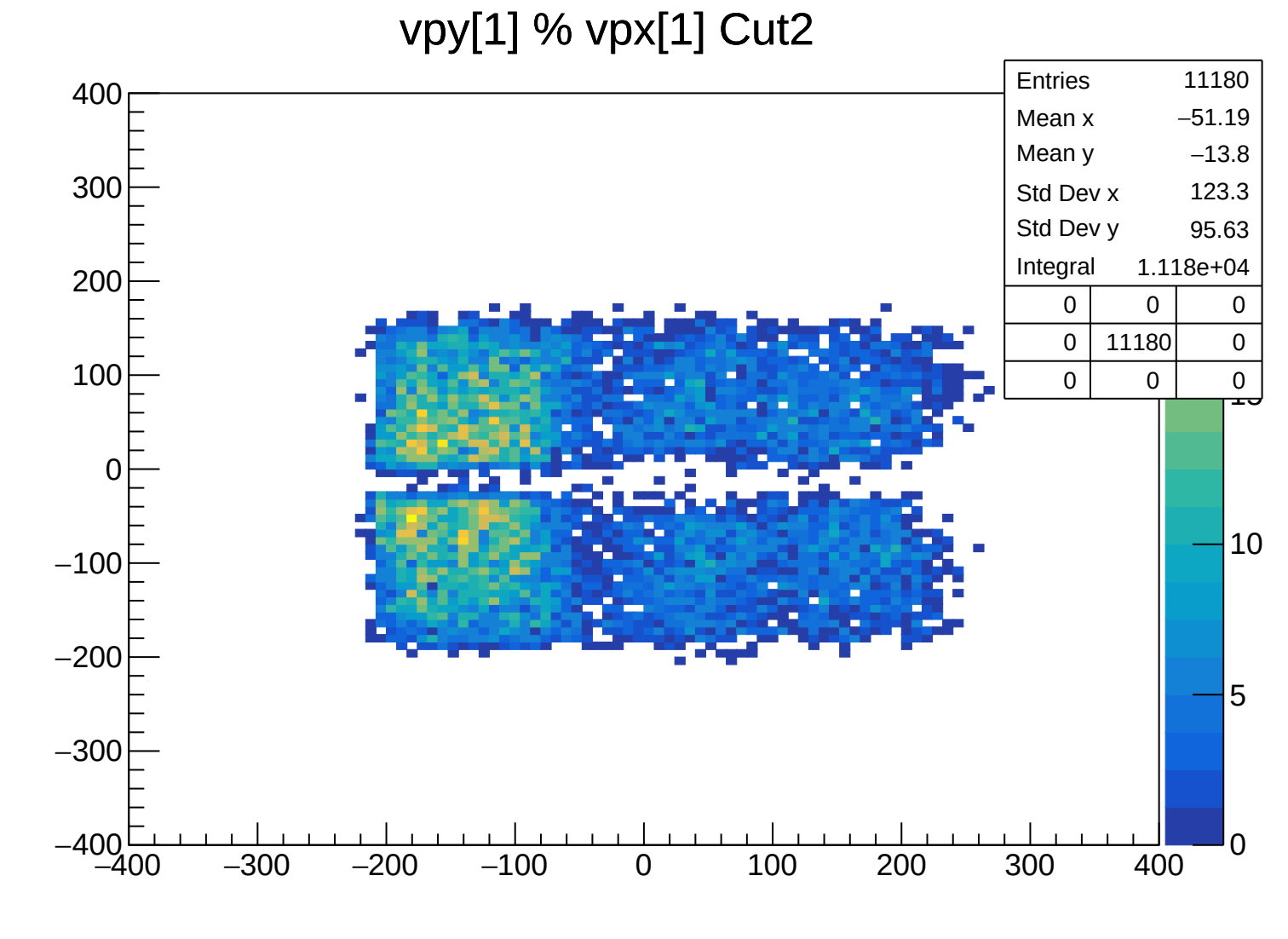

pKurama % m2
Entries 799552
Mean x 0.5273
Mean y 0.8621
Std Dev x 0.3733
Std Dev y 0.2436
Integral 5.695e+05
16749 4025 20367
120573 569526 68312
0 0 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1000
800
600
400
200
0

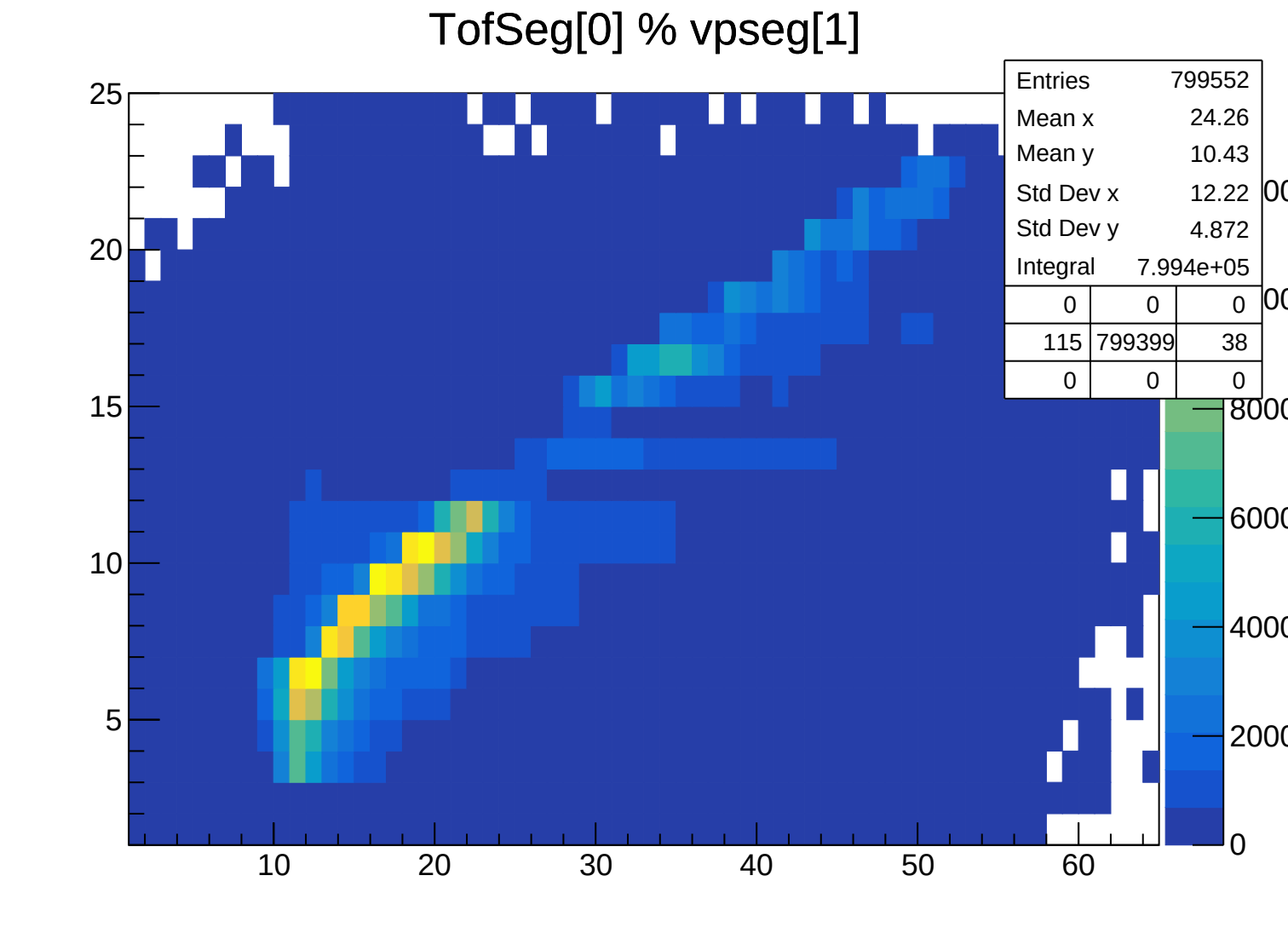

vpy[1] % vpx[1]
Entries 799552
Mean x −68.73
Mean y −16
Std Dev x 128.3
Std Dev y 91.8
Integral 7.995e+05
0 24 0
0 799479 10
0 39 0
400
300
200
100
0
−100
−200
−300
−400
−400 −300 −200 −100 0 100 200 300 400
1000
800
600
400
200
0

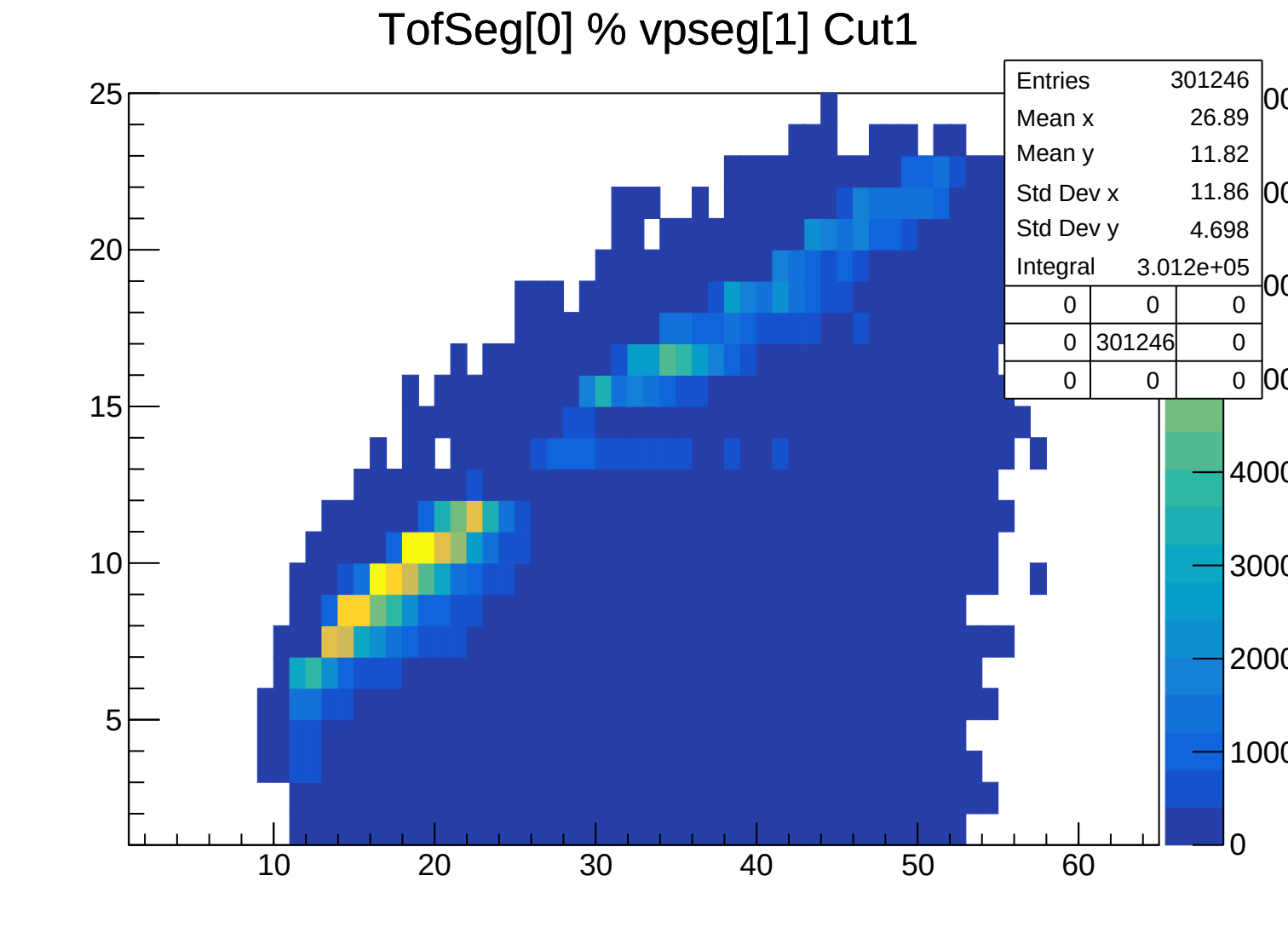

pKurama % m2 Cut1
Entries 301246
Mean x 0.6833
Mean y 0.9274
Std Dev x 0.2999
Std Dev y 0.1824
Integral 2.503e+05
14 3 23
34478 250260 16468
0 0 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4
600
400
200
0

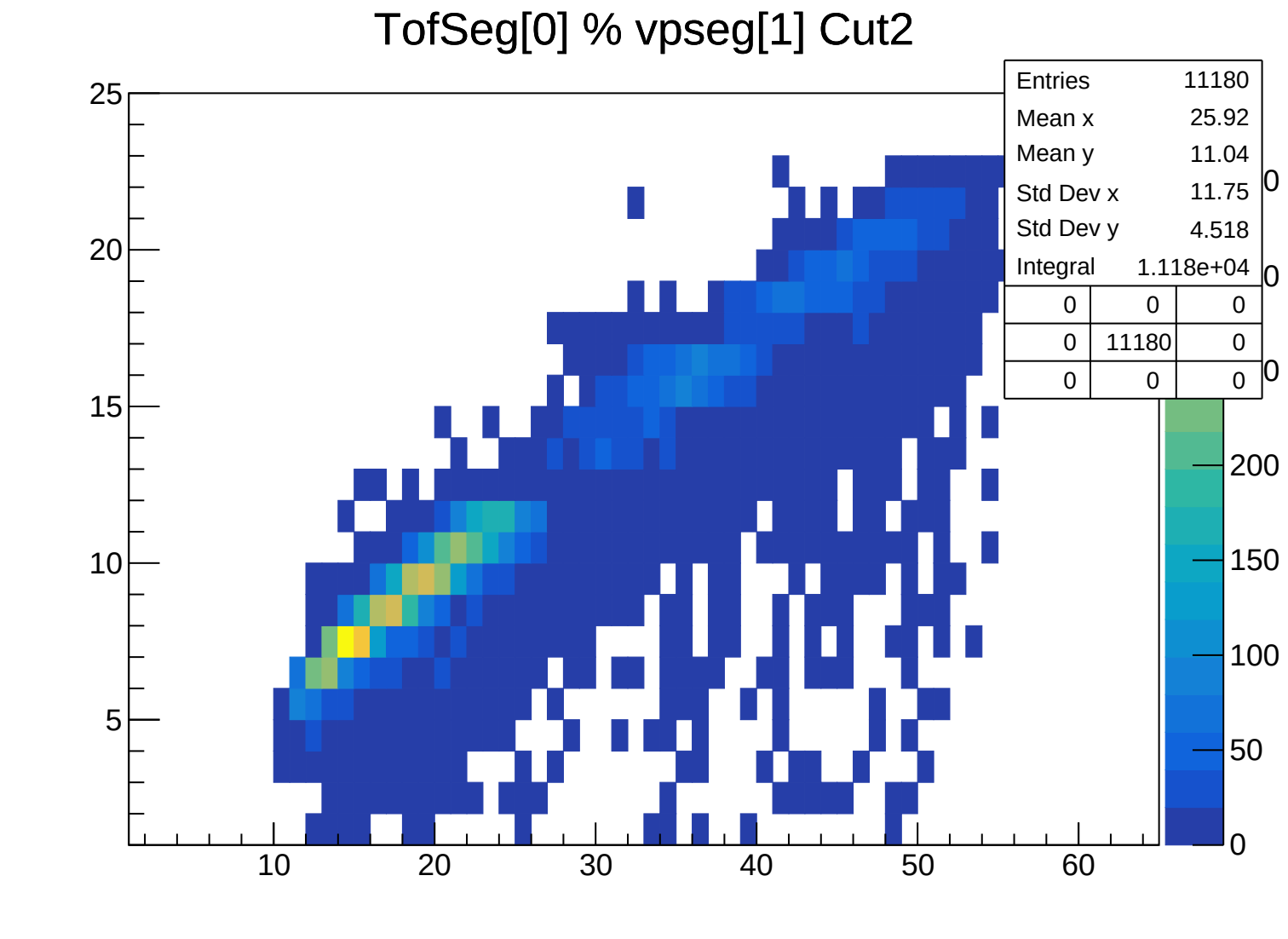

vpy[1] % vpx[1] Cut1
Entries 301246
Mean x −41.23
Mean y −16.23
Std Dev x 124.6
Std Dev y 97.89
Integral 3.012e+05
0 0 0
0 301246 0
0 0 0
400
300
200
100
0
−100
−200
−300
−400
−400 −300 −200 −100 0 100 200 300 400
250
200
150
100
50
0


pKurama % m2 Cut2
Entries 11180
Mean x 0.2299
Mean y 0.7917
Std Dev x 0.04303
Std Dev y 0.1364
Integral 1.118e+04
0 0 0
0 11180 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
200
150
100
50
0


vpy[1] % vpx[1] Cut2
Entries 11180
Mean x −51.19
Mean y −13.8
Std Dev x 123.3
Std Dev y 95.63
Integral 1.118e+04
0 0 0
0 11180 0
0 0 0
400
300
200
100
0
−100
−200
−300
−400
−400 −300 −200 −100 0 100 200 300 400
10
5
0


TofSeg[0] % vpseg[1]
Entries 799552
Mean x 24.26
Mean y 10.43
Std Dev x 12.22
Std Dev y 4.872
Integral 7.994e+05
0 0 0
115 799399 38
0 0 0
25
20
15
10
5
10
20
30
40
50
60
8000
6000
4000
2000
0


TofSeg[0] % vpseg[1] Cut1
Entries 301246
Mean x 26.89
Mean y 11.82
Std Dev x 11.86
Std Dev y 4.698
Integral 3.012e+05
0 0 0
0 301246 0
0 0 0
25
20
15
10
5
10
20
30
40
50
60
4000
3000
2000
1000
0


TofSeg[0] % vpseg[1] Cut2
Entries 11180
Mean x 25.92
Mean y 11.04
Std Dev x 11.75
Std Dev y 4.518
Integral 1.118e+04
0 0 0
0 11180 0
0 0 0
25
20
15
10
5
10
20
30
40
50
60
200
150
100
50
0