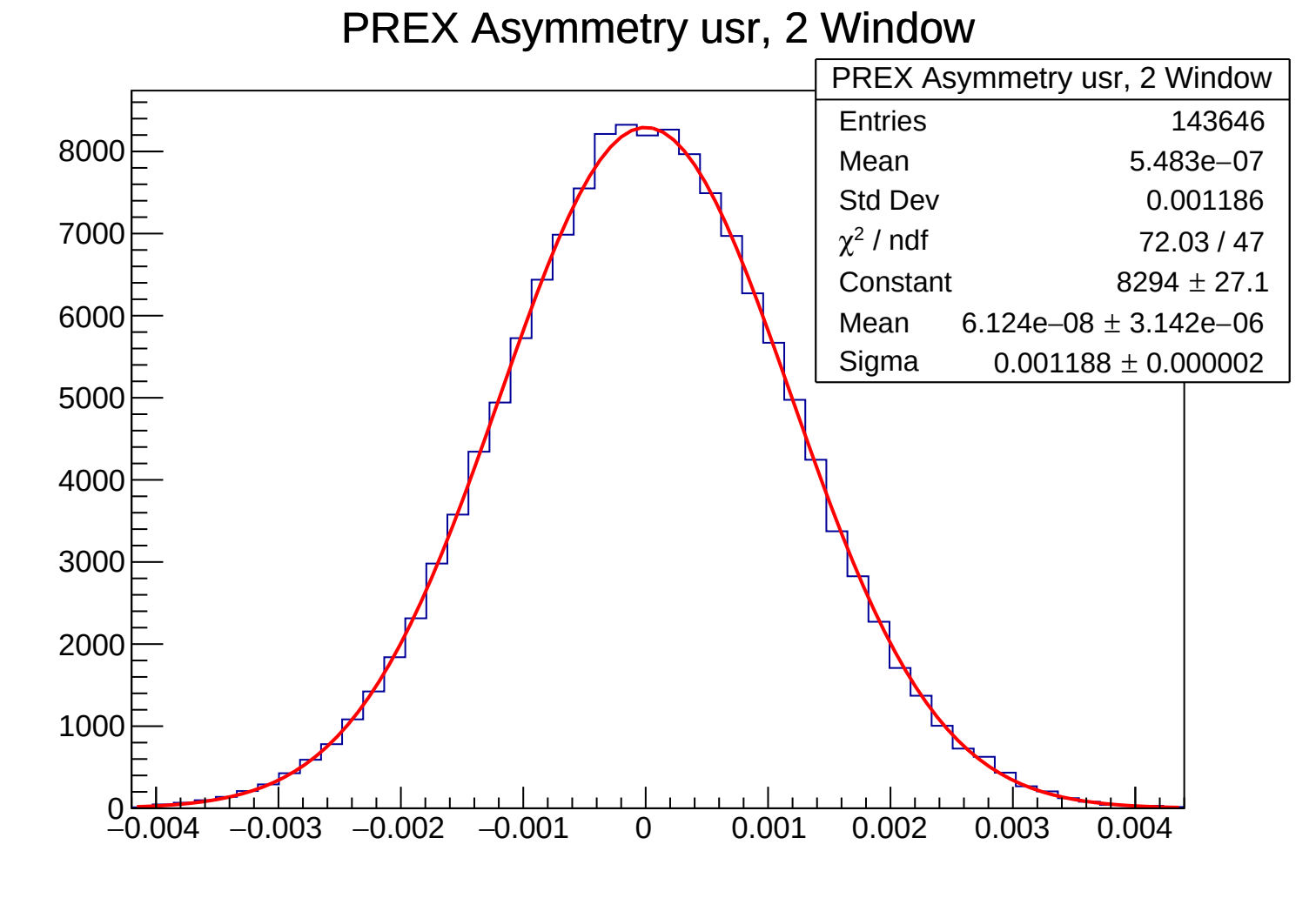
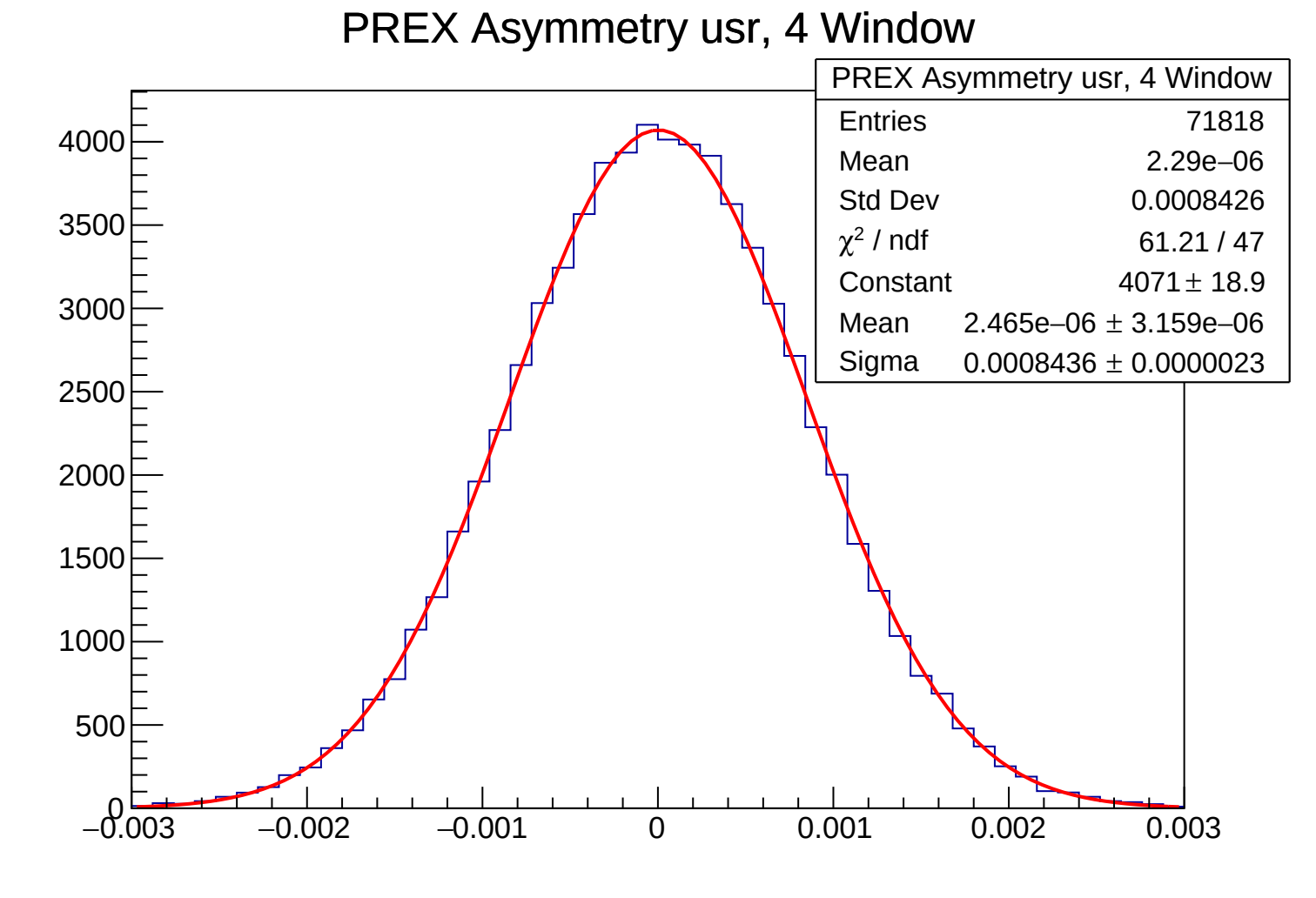
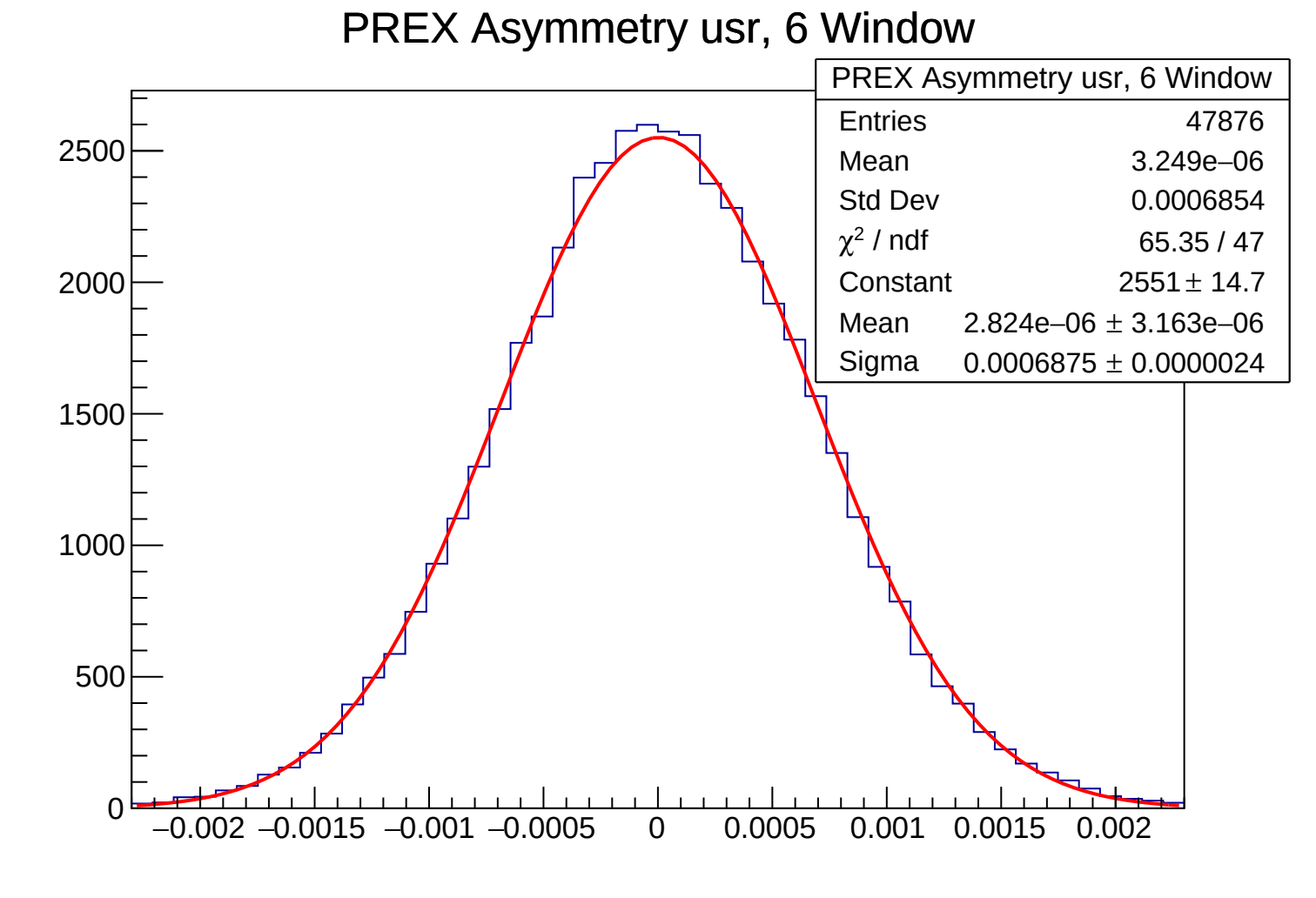
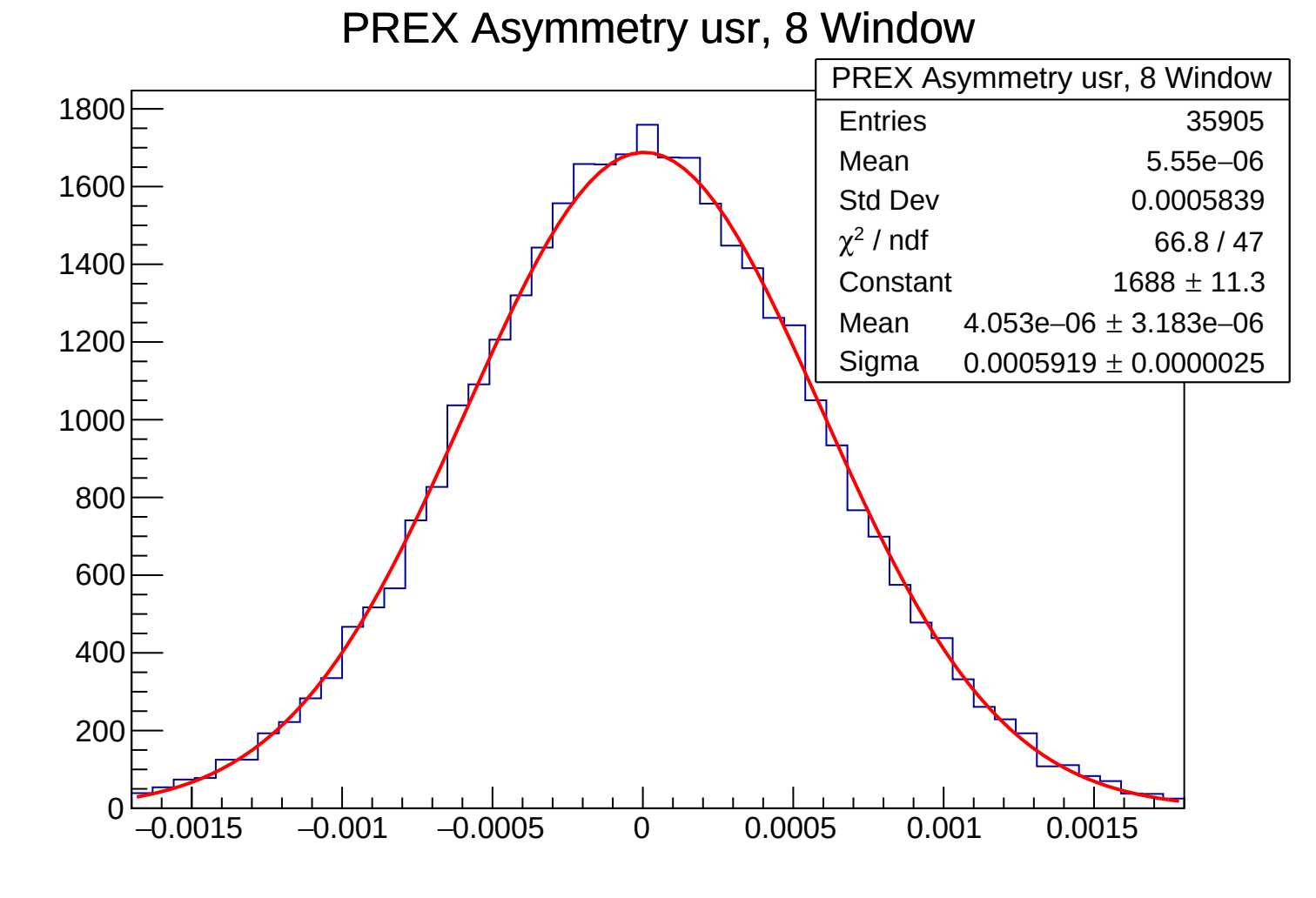
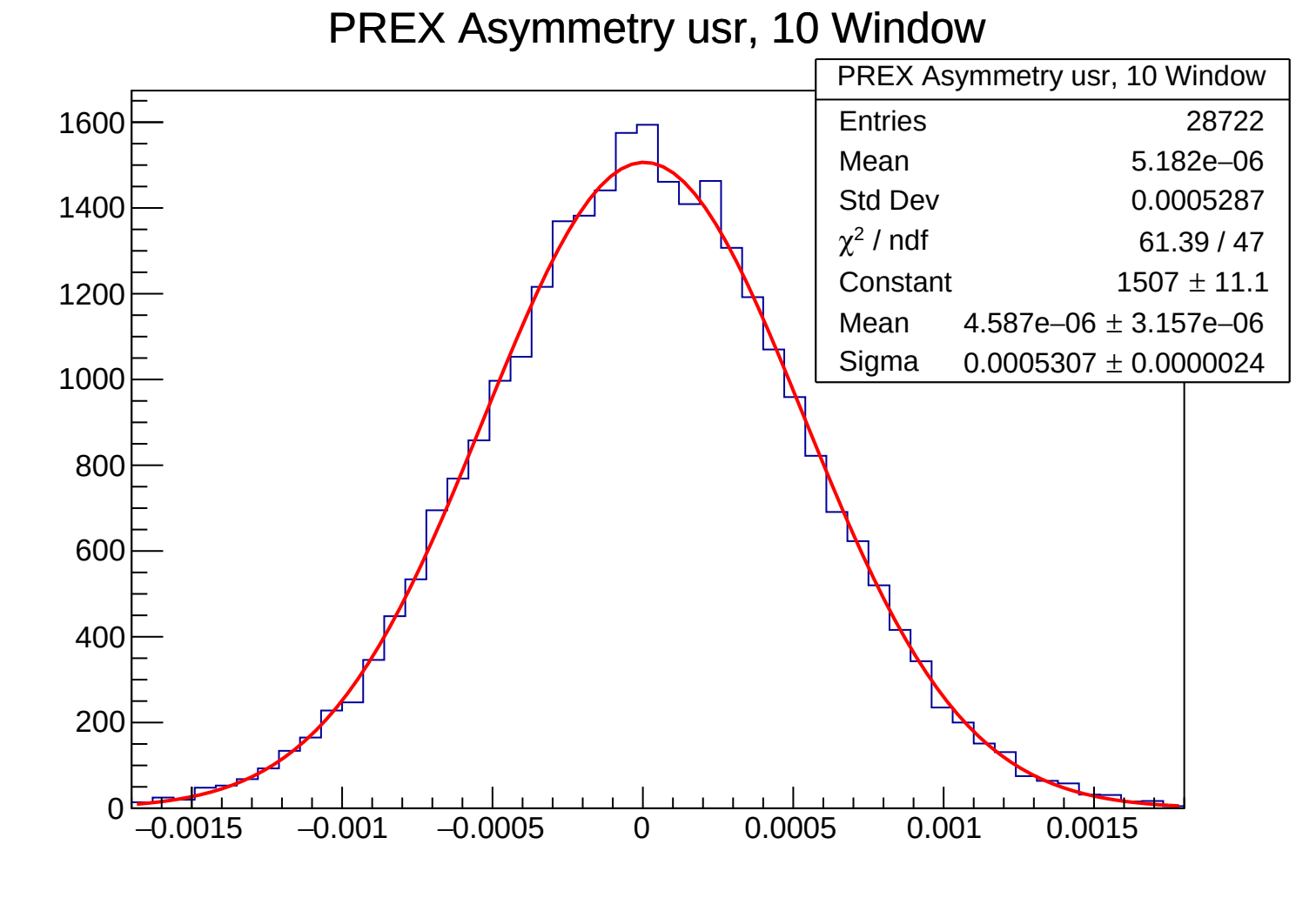
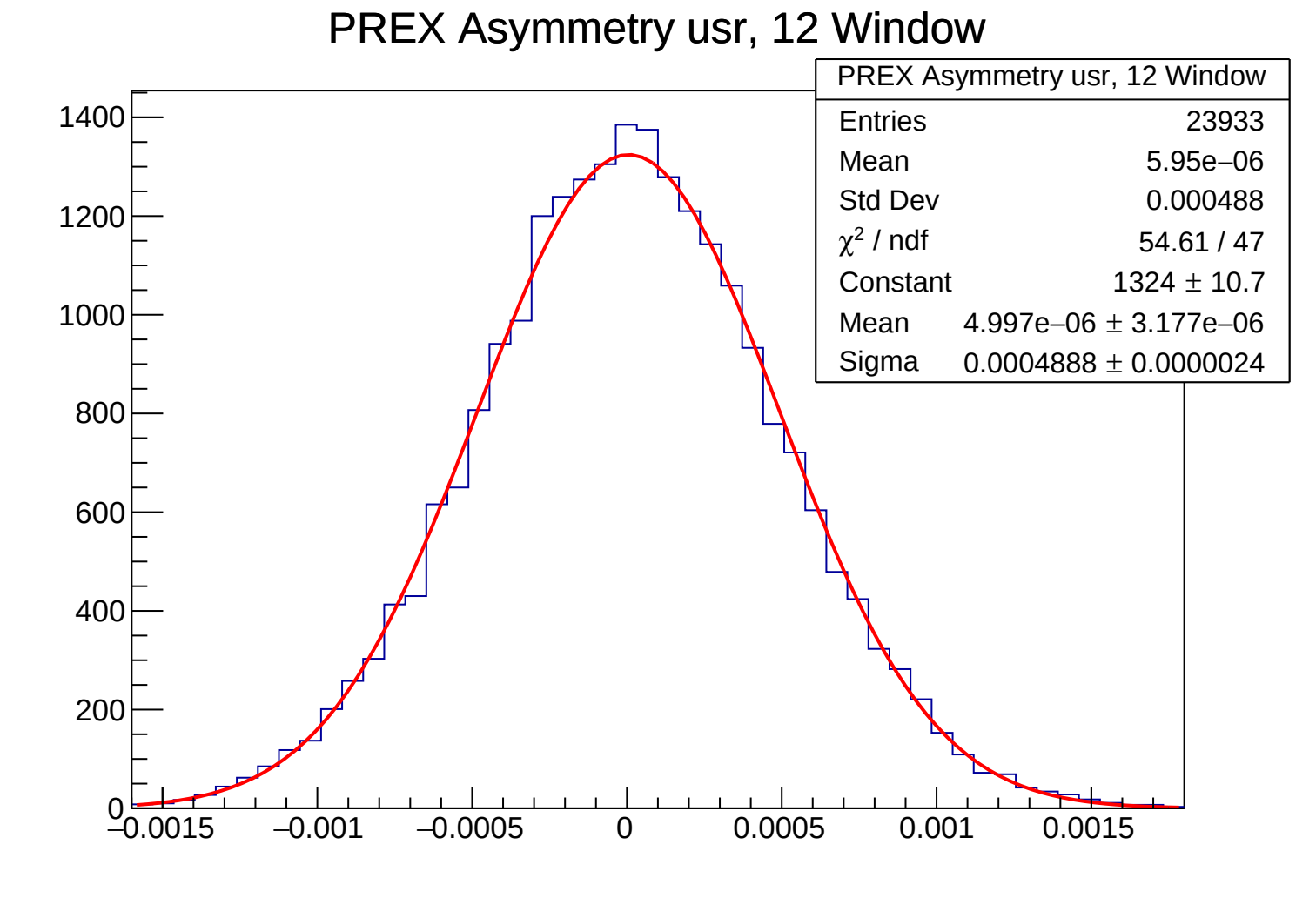

PREX Asymmetry usr, 2 Window
PREX Asymmetry usr, 2 Window
Entries 143646
Mean 5.483e−07
Std Dev 0.001186
χ² / ndf 72.03 / 47
Constant 8294 ± 27.1
Mean 6.124e−08 ± 3.142e−06
Sigma 0.001188 ± 0.000002
8000
7000
6000
5000
4000
3000
2000
1000
0
−0.004
−0.003
−0.002
−0.001
0
0.001
0.002
0.003
0.004

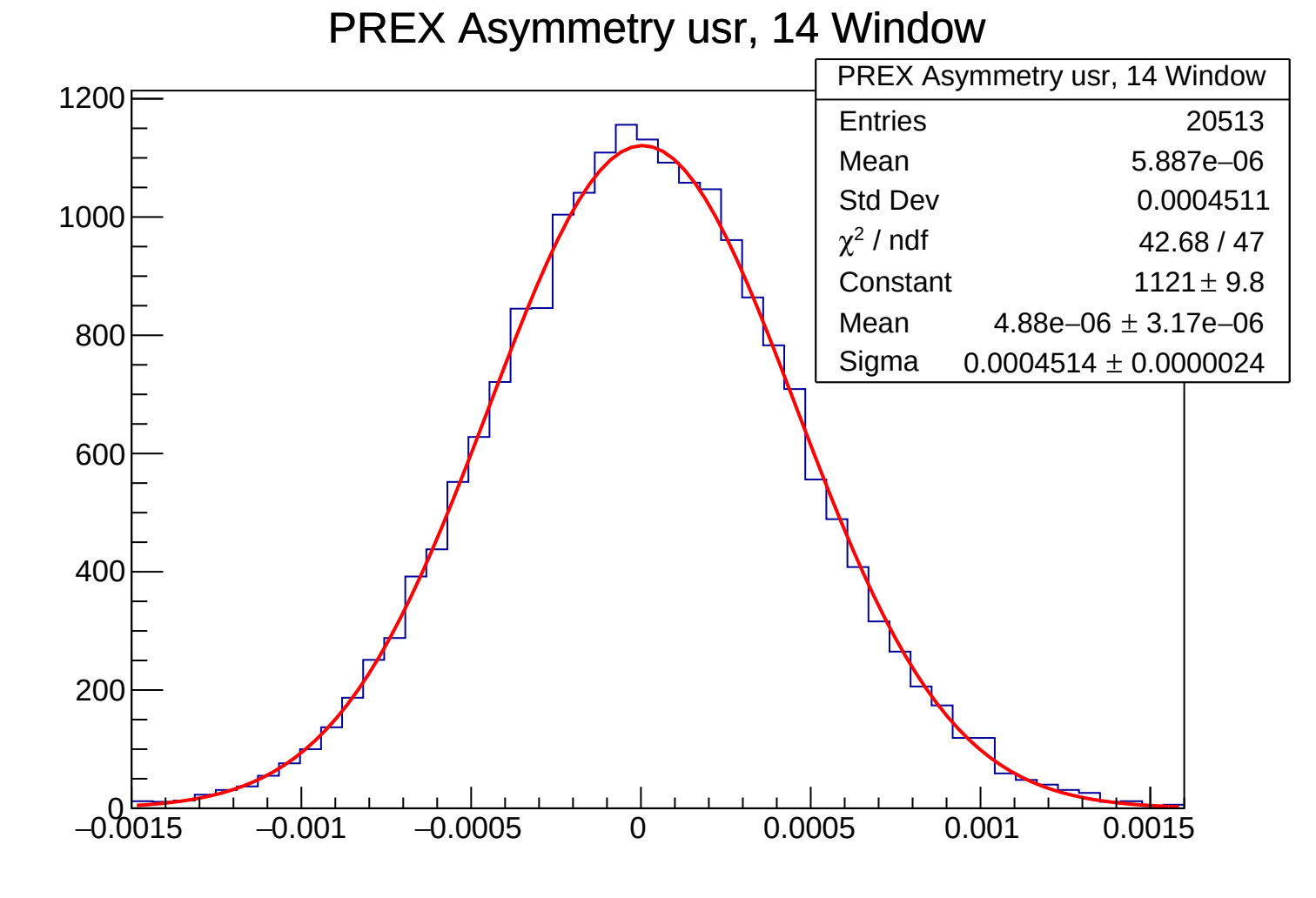

PREX Asymmetry usr, 4 Window
PREX Asymmetry usr, 4 Window
Entries 71818
Mean 2.29e–06
Std Dev 0.0008426
χ² / ndf 61.21 / 47
Constant 4071 ± 18.9
Mean 2.465e–06 ± 3.159e–06
Sigma 0.0008436 ± 0.0000023
4000
3500
3000
2500
2000
1500
1000
500
0
–0.003
–0.002
–0.001
0
0.001
0.002
0.003

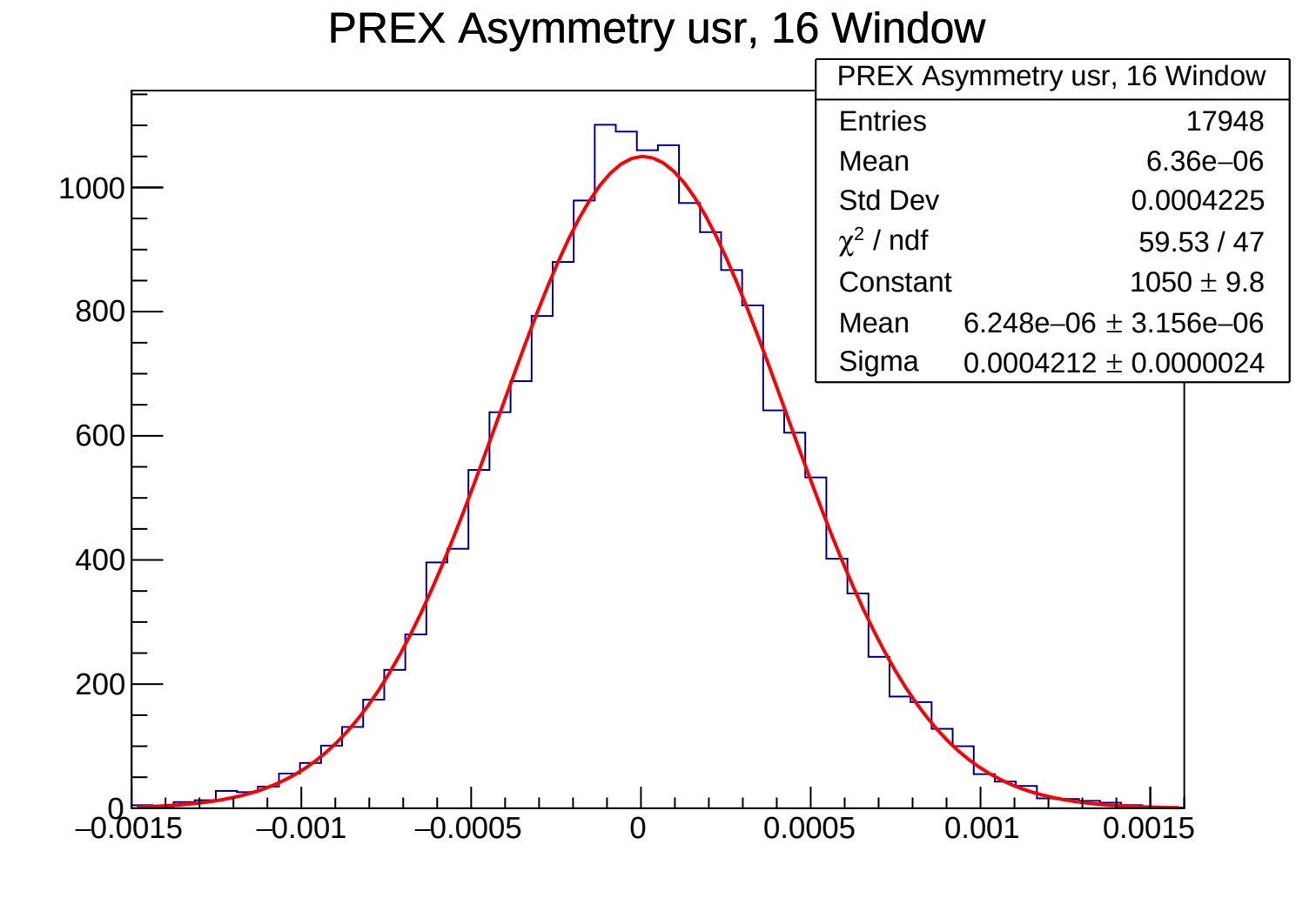

PREX Asymmetry usr, 6 Window
PREX Asymmetry usr, 6 Window
Entries 47876
Mean 3.249e–06
Std Dev 0.0006854
χ² / ndf 65.35 / 47
Constant 2551 ± 14.7
Mean 2.824e–06 ± 3.163e–06
Sigma 0.0006875 ± 0.0000024
2500
2000
1500
1000
500
0
–0.002
–0.0015
–0.001
–0.0005
0
0.0005
0.001
0.0015
0.002

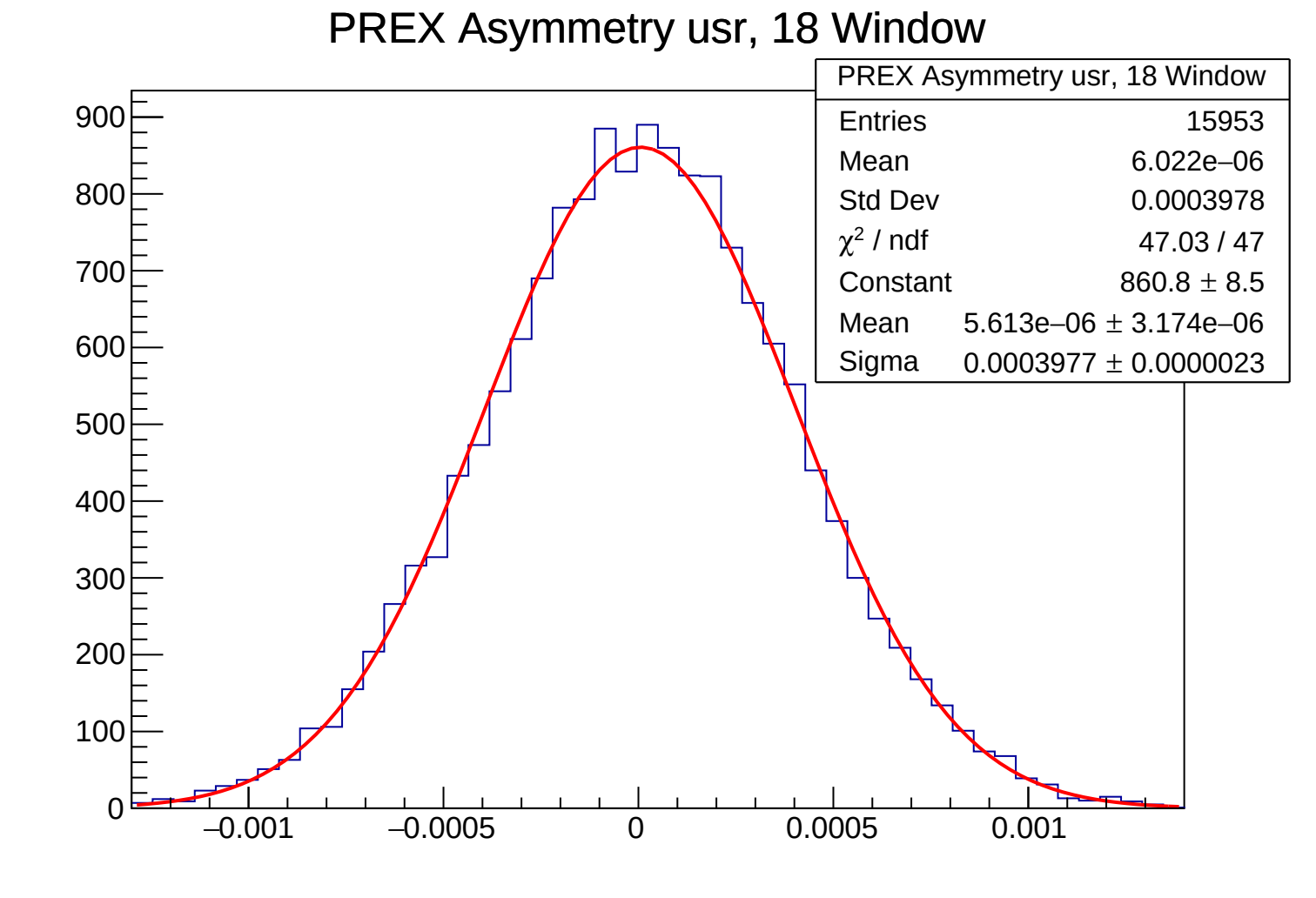

PREX Asymmetry usr, 8 Window
PREX Asymmetry usr, 8 Window
Entries 35905
Mean 5.55e–06
Std Dev 0.0005839
χ² / ndf 66.8 / 47
Constant 1688 ± 11.3
Mean 4.053e–06 ± 3.183e–06
Sigma 0.0005919 ± 0.0000025
1800
1600
1400
1200
1000
800
600
400
200
0
–0.0015
–0.001
–0.0005
0
0.0005
0.001
0.0015

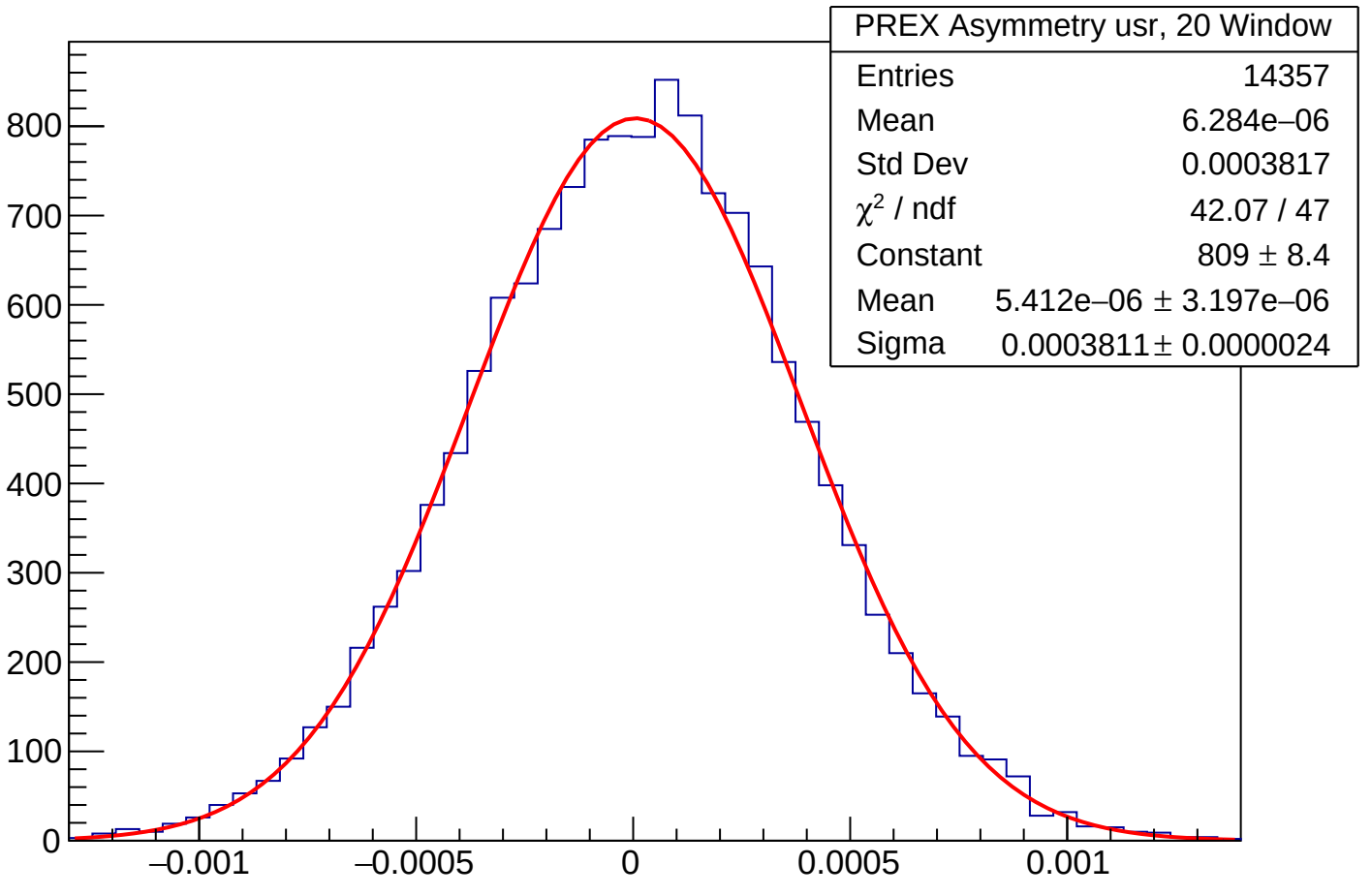

PREX Asymmetry usr, 10 Window
PREX Asymmetry usr, 10 Window
Entries 28722
Mean 5.182e–06
Std Dev 0.0005287
χ² / ndf 61.39 / 47
Constant 1507 ± 11.1
Mean 4.587e–06 ± 3.157e–06
Sigma 0.0005307 ± 0.0000024
1600
1400
1200
1000
800
600
400
200
0
–0.0015
–0.001
–0.0005
0
0.0005
0.001
0.0015

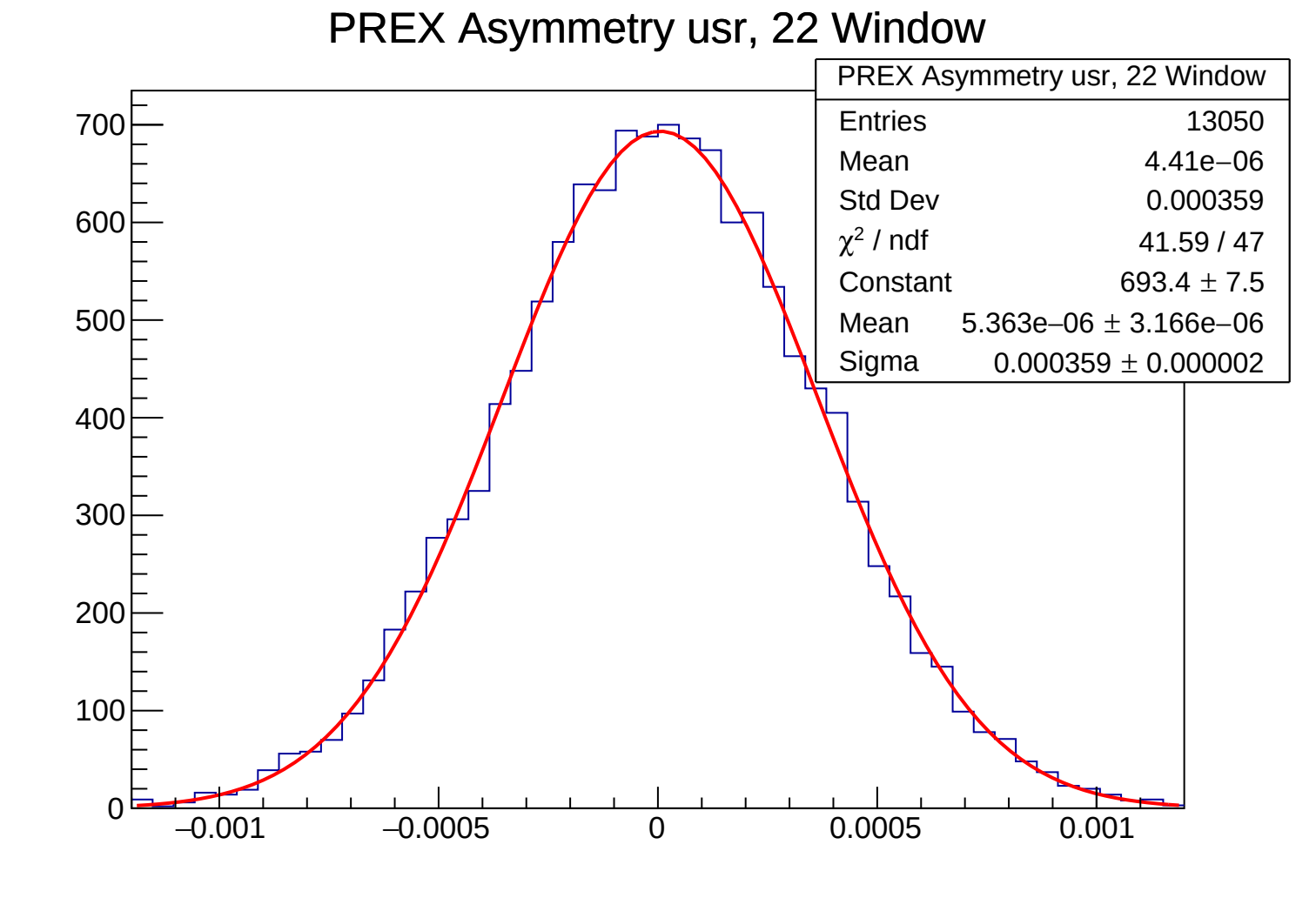

PREX Asymmetry usr, 12 Window
PREX Asymmetry usr, 12 Window
Entries 23933
Mean 5.95e–06
Std Dev 0.000488
χ² / ndf 54.61 / 47
Constant 1324 ± 10.7
Mean 4.997e–06 ± 3.177e–06
Sigma 0.0004888 ± 0.0000024
1400
1200
1000
800
600
400
200
0
–0.0015
–0.001
–0.0005
0
0.0005
0.001
0.0015

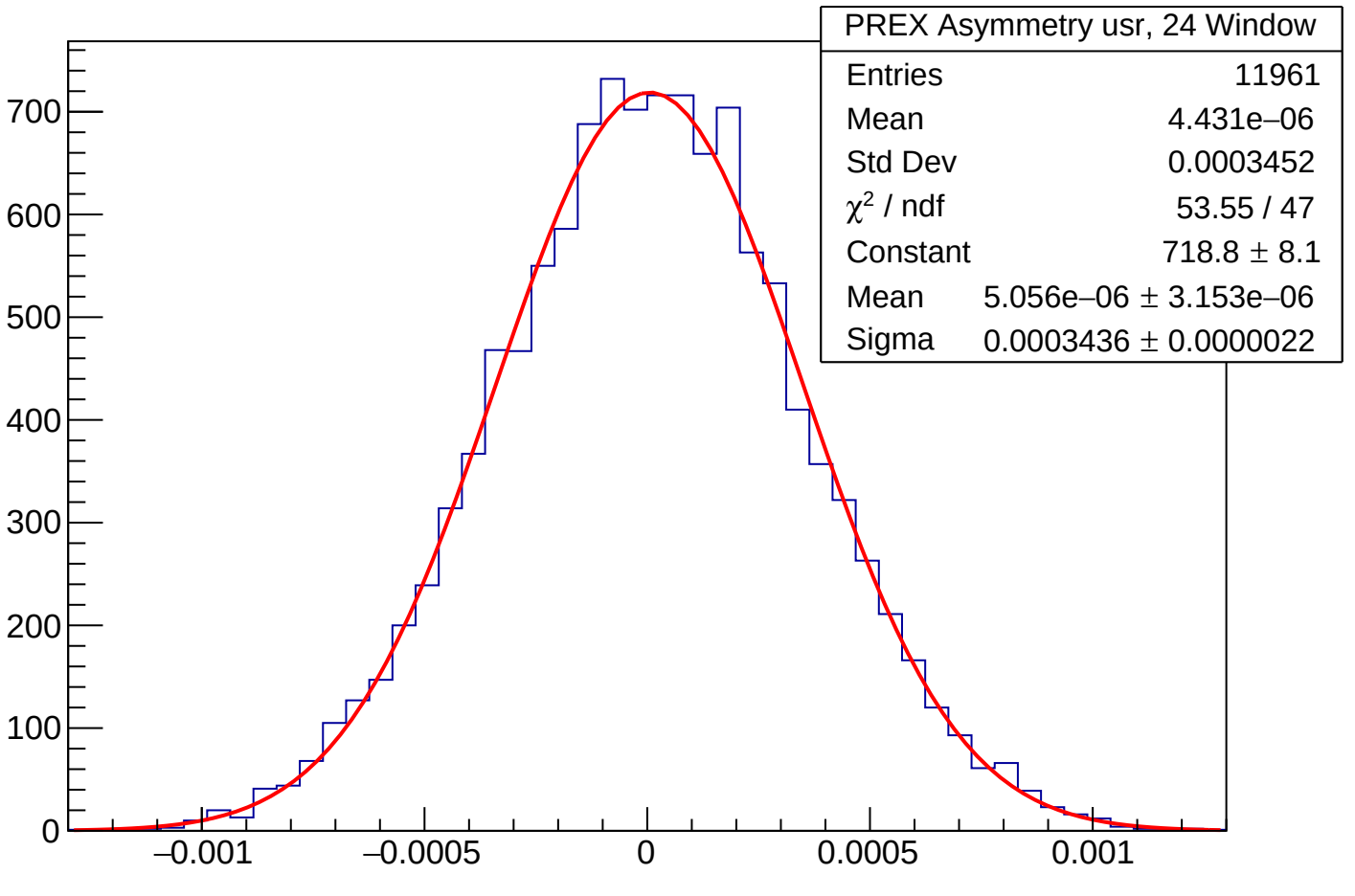

PREX Asymmetry usr, 14 Window
PREX Asymmetry usr, 14 Window
Entries 20513
Mean 5.887e–06
Std Dev 0.0004511
χ² / ndf 42.68 / 47
Constant 1121 ± 9.8
Mean 4.88e–06 ± 3.17e–06
Sigma 0.0004514 ± 0.0000024
1200
1000
800
600
400
200
0
–0.0015
–0.001
–0.0005
0
0.0005
0.001
0.0015

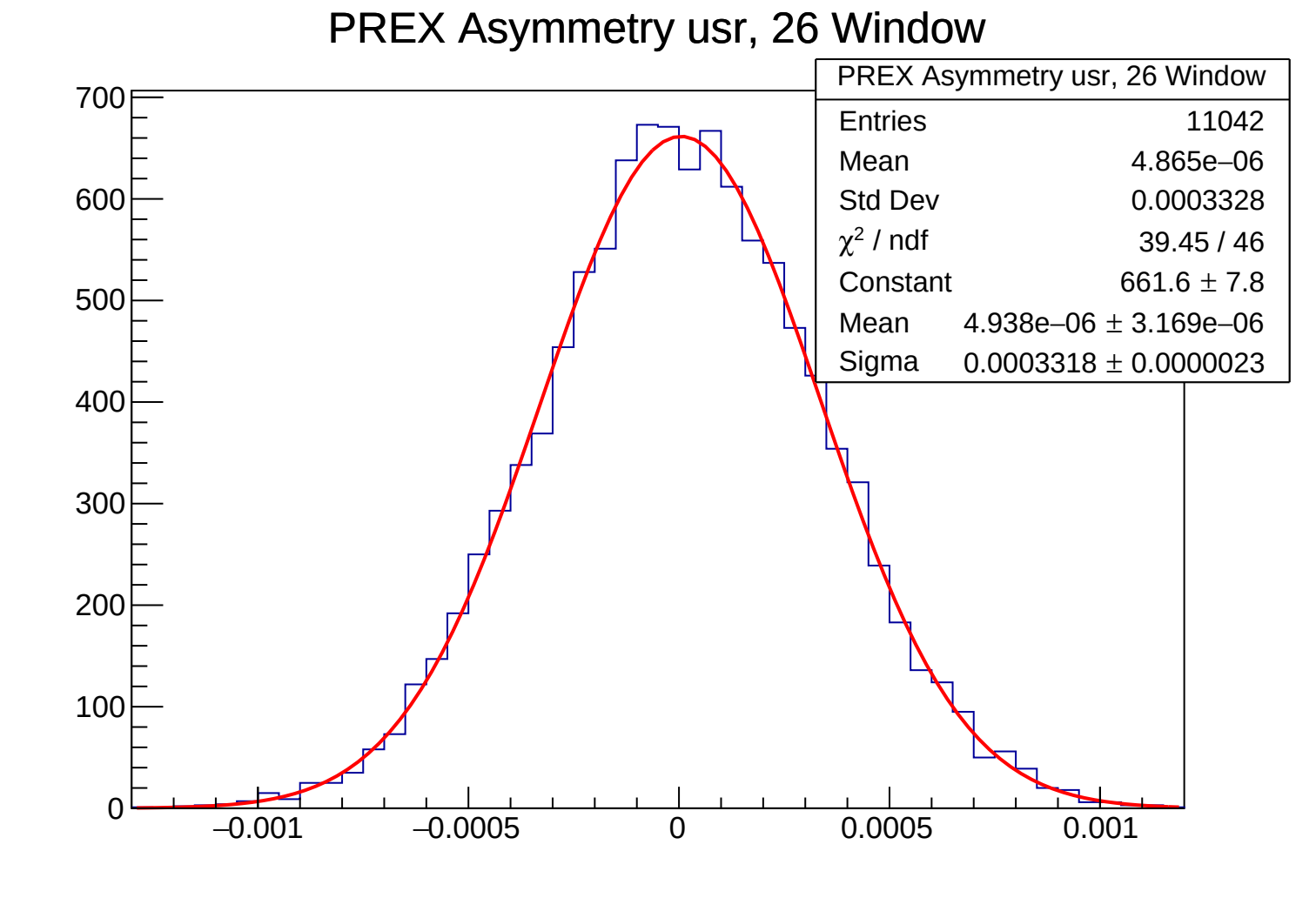

PREX Asymmetry usr, 16 Window
PREX Asymmetry usr, 16 Window
Entries 17948
Mean 6.36e–06
Std Dev 0.0004225
χ² / ndf 59.53 / 47
Constant 1050 ± 9.8
Mean 6.248e–06 ± 3.156e–06
Sigma 0.0004212 ± 0.0000024
1000
800
600
400
200
0
–0.0015
–0.001
–0.0005
0
0.0005
0.001
0.0015

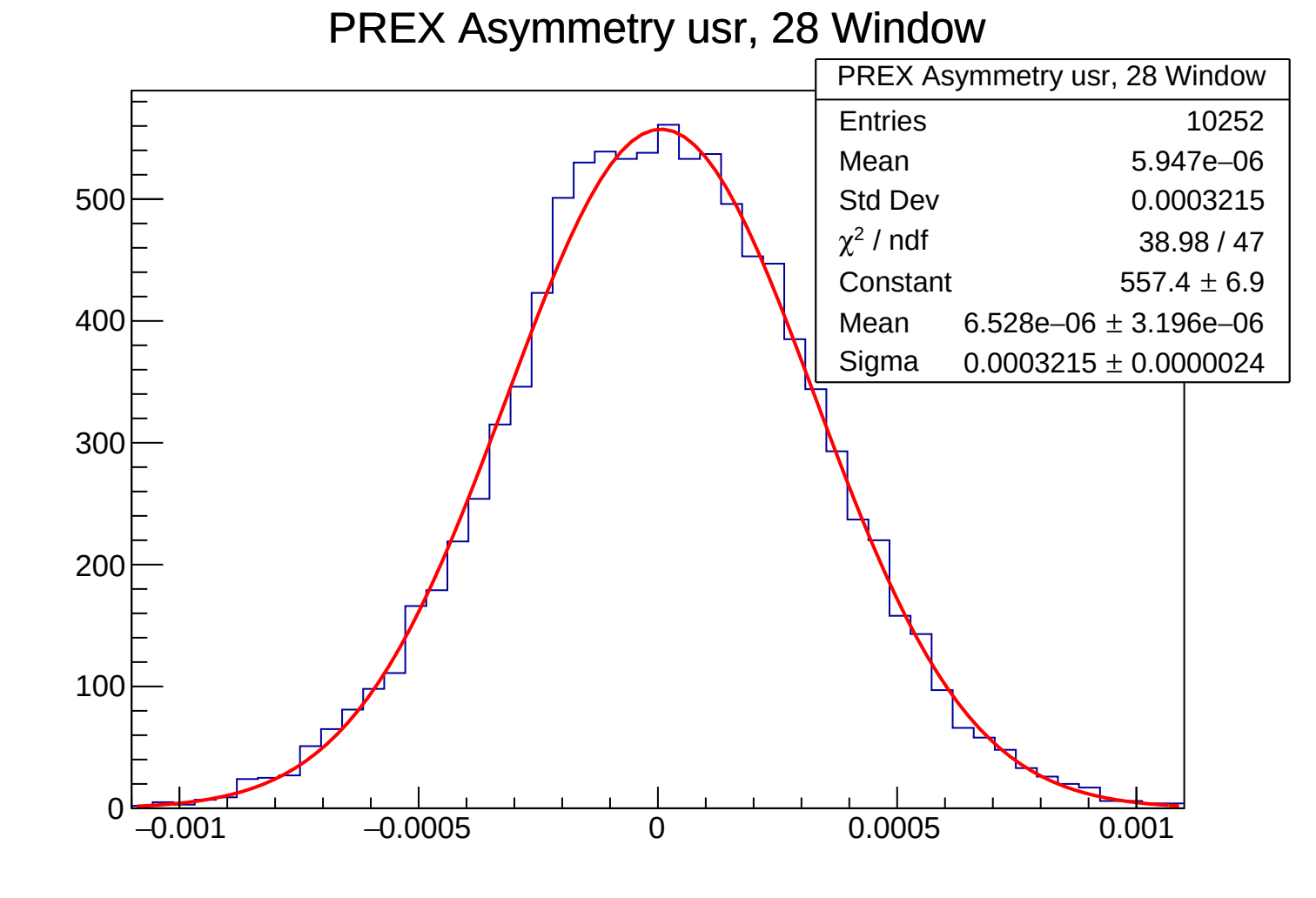

PREX Asymmetry usr, 18 Window
PREX Asymmetry usr, 18 Window
Entries 15953
Mean 6.022e–06
Std Dev 0.0003978
χ² / ndf 47.03 / 47
Constant 860.8 ± 8.5
Mean 5.613e–06 ± 3.174e–06
Sigma 0.0003977 ± 0.0000023
900
800
700
600
500
400
300
200
100
0
–0.001
–0.0005
0
0.0005
0.001

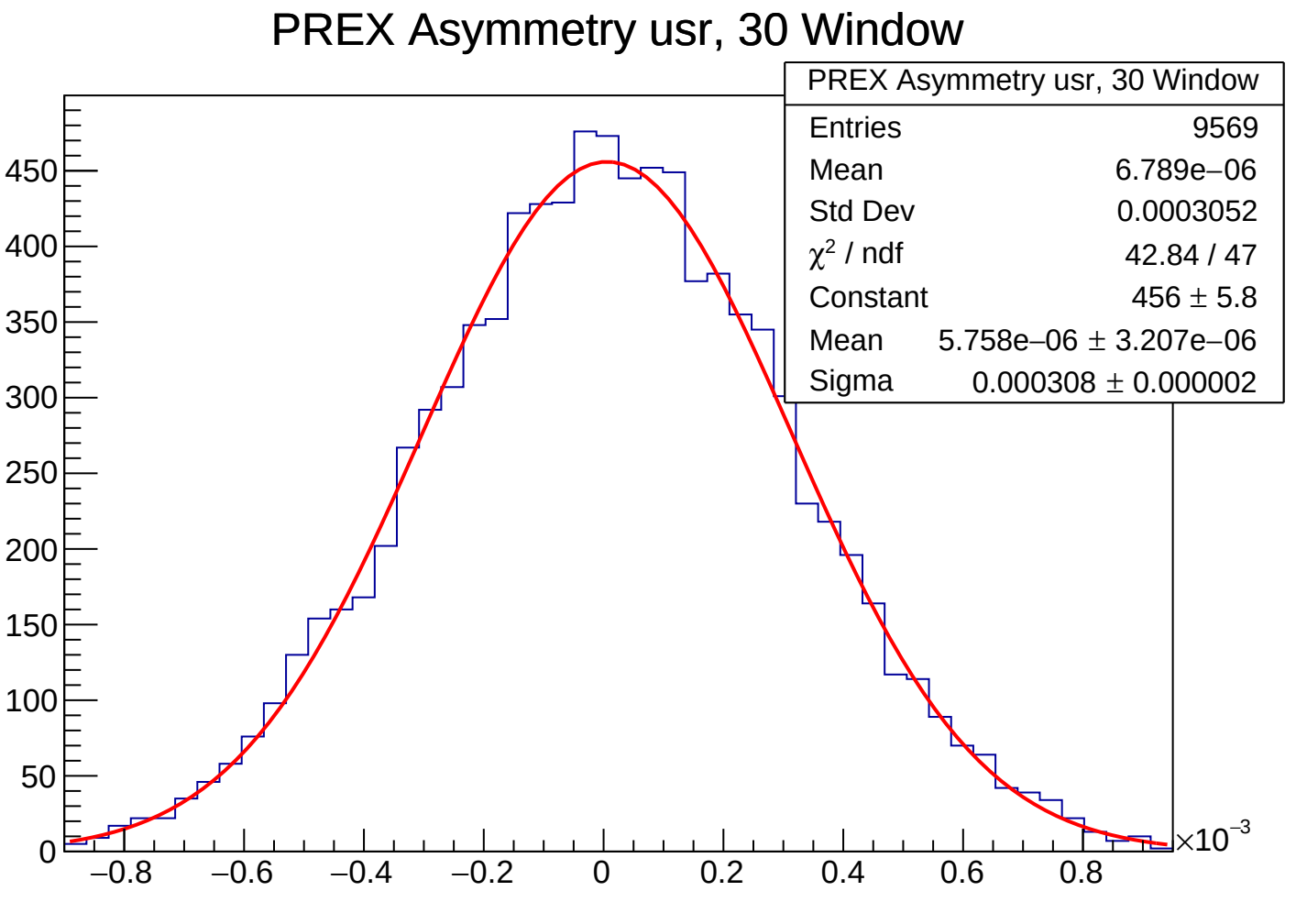

PREX Asymmetry usr, 20 Window
PREX Asymmetry usr, 20 Window
Entries 14357
Mean 6.284e–06
Std Dev 0.0003817
χ² / ndf 42.07 / 47
Constant 809 ± 8.4
Mean 5.412e–06 ± 3.197e–06
Sigma 0.0003811 ± 0.0000024
800
700
600
500
400
300
200
100
0
–0.001
–0.0005
0
0.0005
0.001

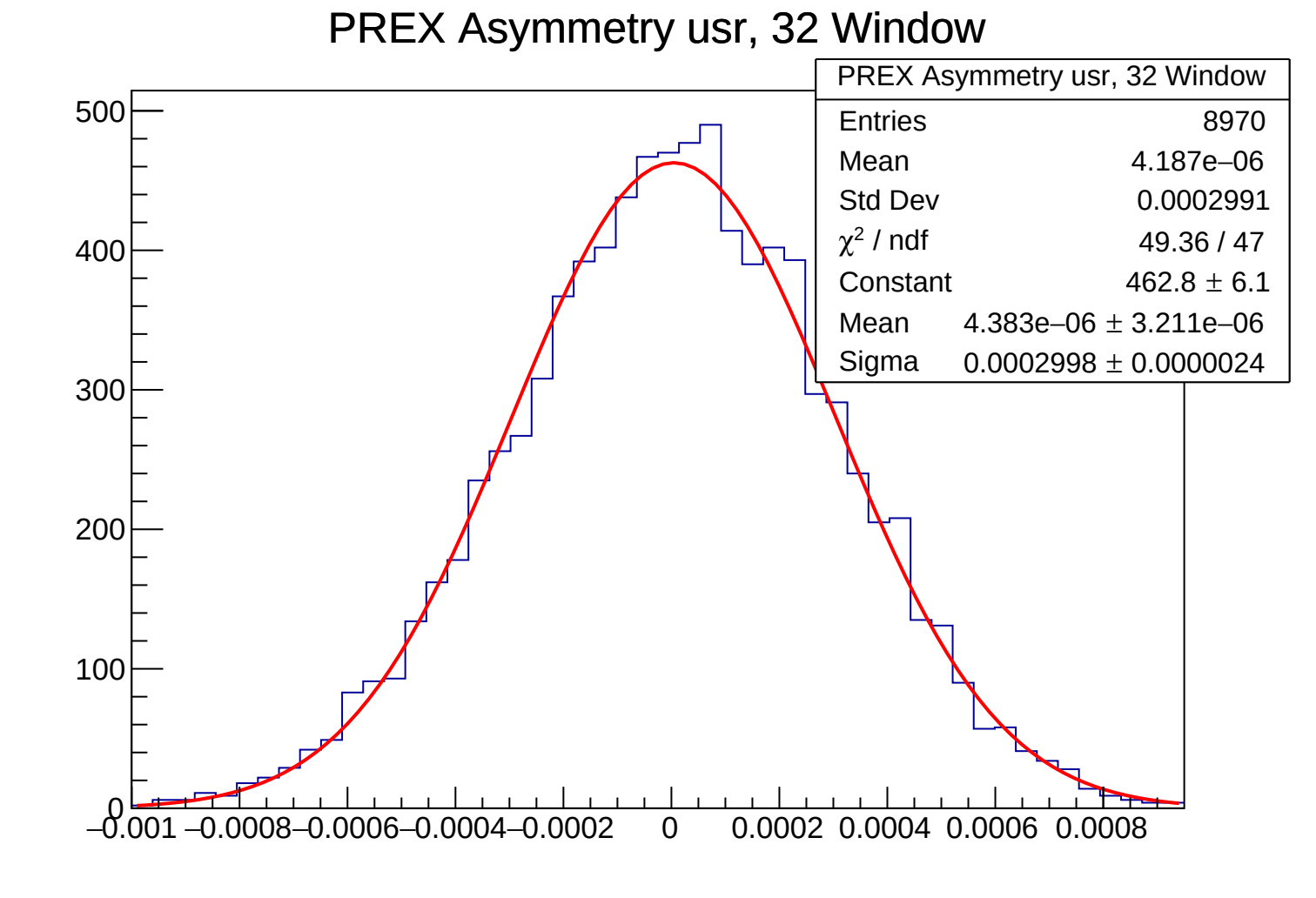

PREX Asymmetry usr, 22 Window
PREX Asymmetry usr, 22 Window
Entries 13050
Mean 4.41e−06
Std Dev 0.000359
χ² / ndf 41.59 / 47
Constant 693.4 ± 7.5
Mean 5.363e−06 ± 3.166e−06
Sigma 0.000359 ± 0.000002
700
600
500
400
300
200
100
0
−0.001
−0.0005
0
0.0005
0.001

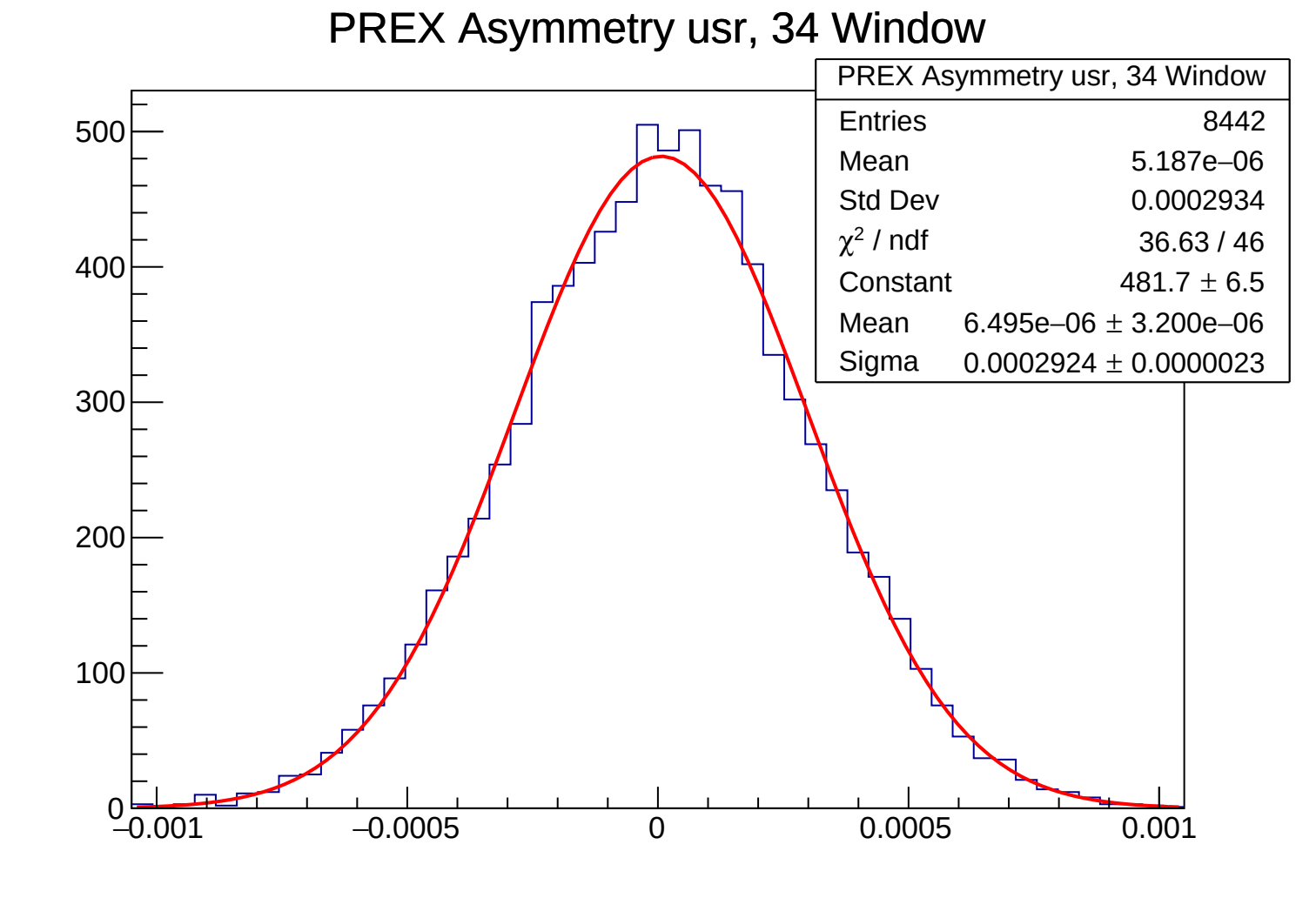

PREX Asymmetry usr, 24 Window
PREX Asymmetry usr, 24 Window
Entries 11961
Mean 4.431e–06
Std Dev 0.0003452
χ² / ndf 53.55 / 47
Constant 718.8 ± 8.1
Mean 5.056e–06 ± 3.153e–06
Sigma 0.0003436 ± 0.0000022
700
600
500
400
300
200
100
0
–0.001
–0.0005
0
0.0005
0.001

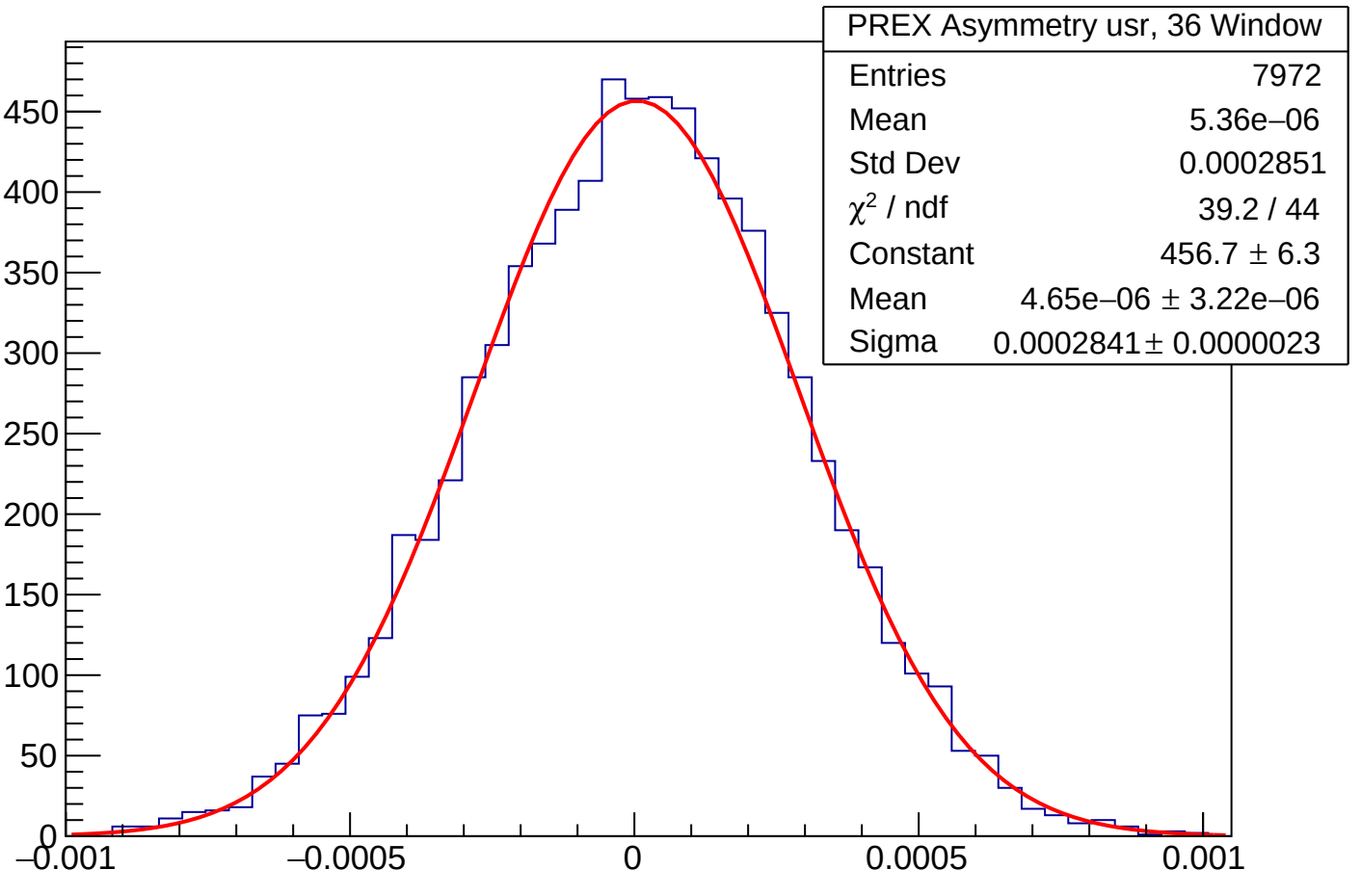

PREX Asymmetry usr, 26 Window
PREX Asymmetry usr, 26 Window
Entries 11042
Mean 4.865e–06
Std Dev 0.0003328
χ² / ndf 39.45 / 46
Constant 661.6 ± 7.8
Mean 4.938e–06 ± 3.169e–06
Sigma 0.0003318 ± 0.0000023
700
600
500
400
300
200
100
0
–0.001
–0.0005
0
0.0005
0.001

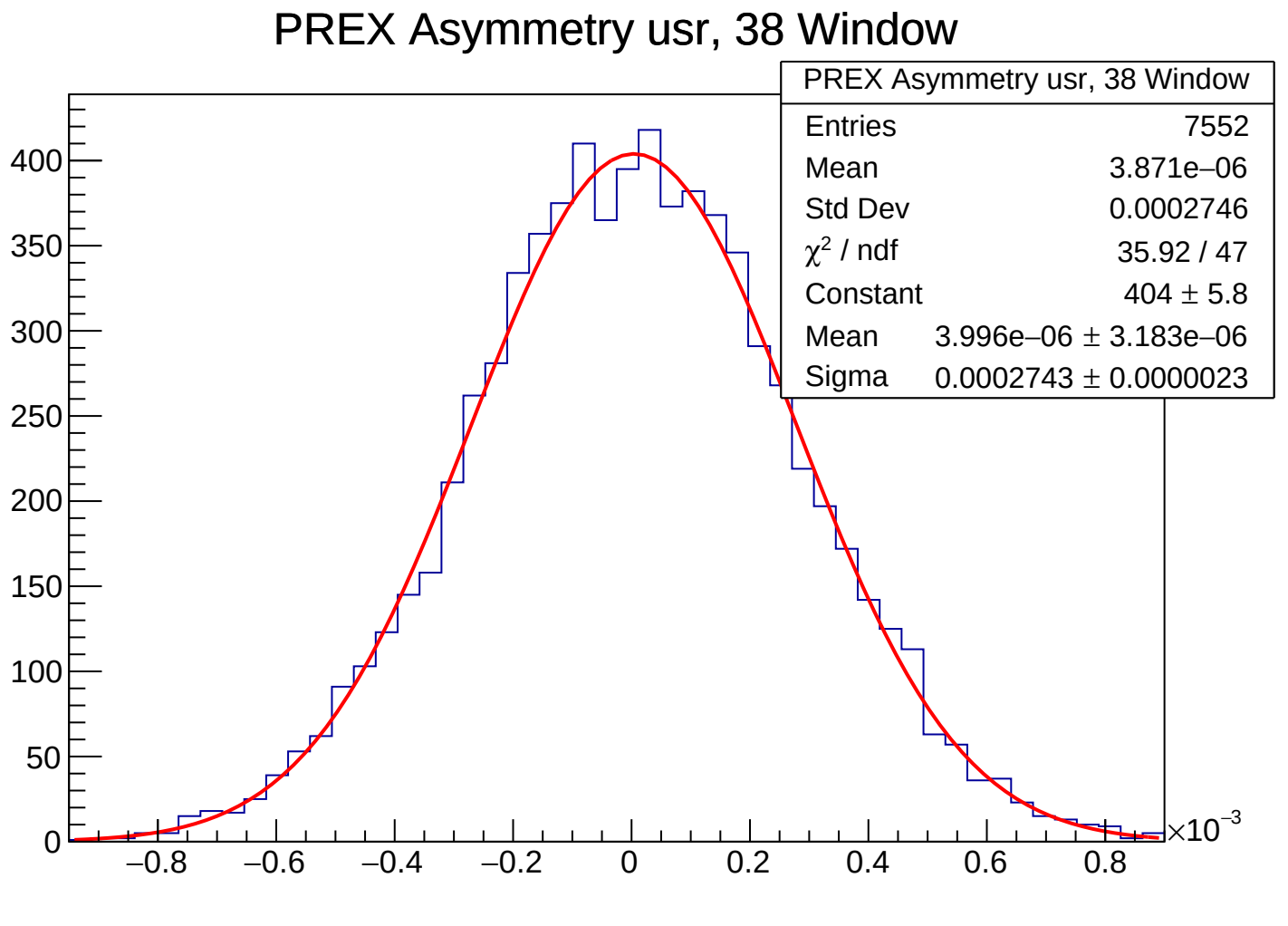

PREX Asymmetry usr, 28 Window
PREX Asymmetry usr, 28 Window
Entries 10252
Mean 5.947e–06
Std Dev 0.0003215
χ² / ndf 38.98 / 47
Constant 557.4 ± 6.9
Mean 6.528e–06 ± 3.196e–06
Sigma 0.0003215 ± 0.0000024
500
400
300
200
100
0
–0.001
–0.0005
0
0.0005
0.001

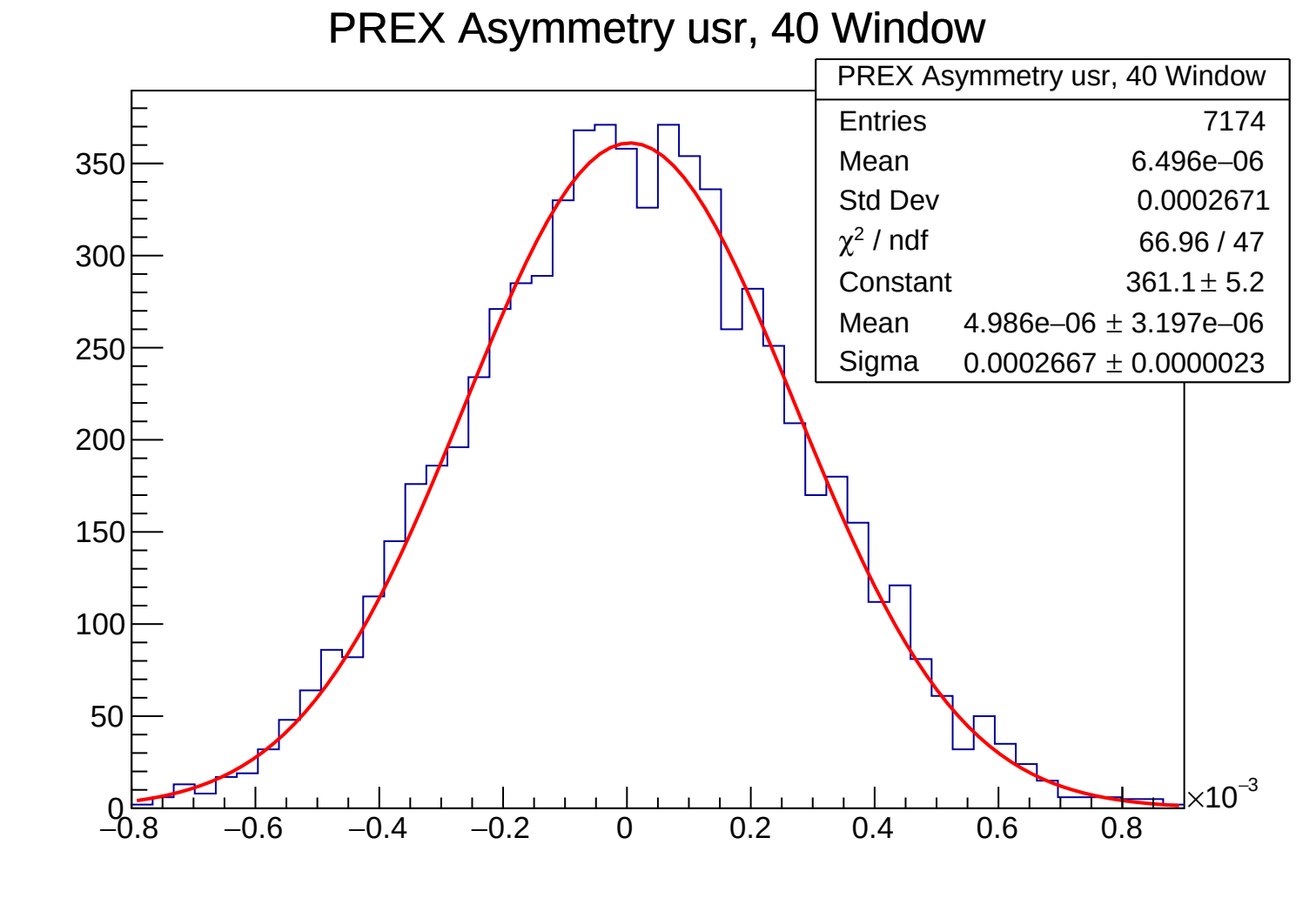

PREX Asymmetry usr, 30 Window
PREX Asymmetry usr, 30 Window
Entries 9569
Mean 6.789e−06
Std Dev 0.0003052
χ² / ndf 42.84 / 47
Constant 456 ± 5.8
Mean 5.758e−06 ± 3.207e−06
Sigma 0.000308 ± 0.000002
450
400
350
300
250
200
150
100
50
0
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
×10⁻³

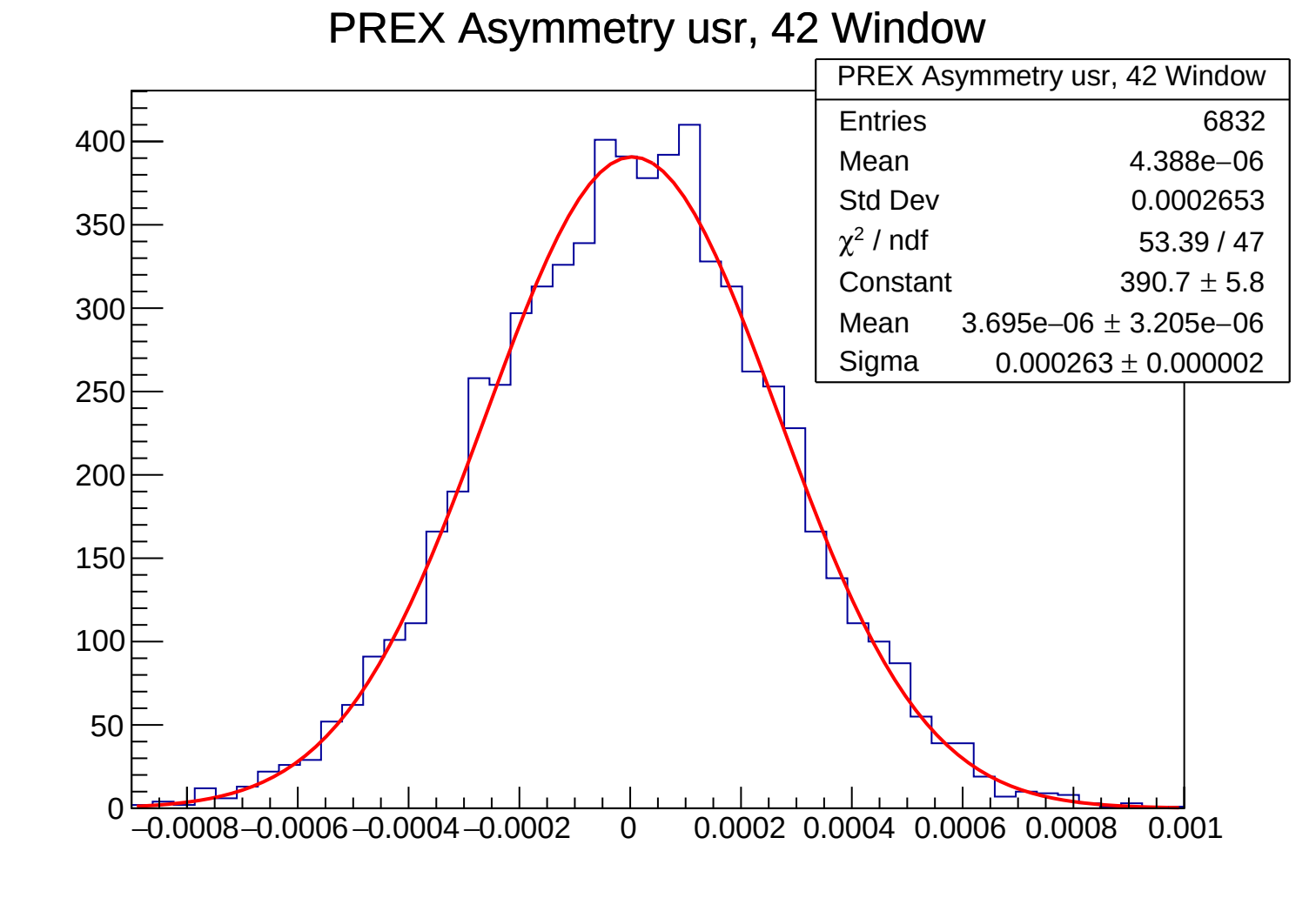

PREX Asymmetry usr, 32 Window
PREX Asymmetry usr, 32 Window
Entries 8970
Mean 4.187e–06
Std Dev 0.0002991
χ² / ndf 49.36 / 47
Constant 462.8 ± 6.1
Mean 4.383e–06 ± 3.211e–06
Sigma 0.0002998 ± 0.0000024
500
400
300
200
100
0
–0.001 –0.0008 –0.0006 –0.0004 –0.0002 0 0.0002 0.0004 0.0006 0.0008

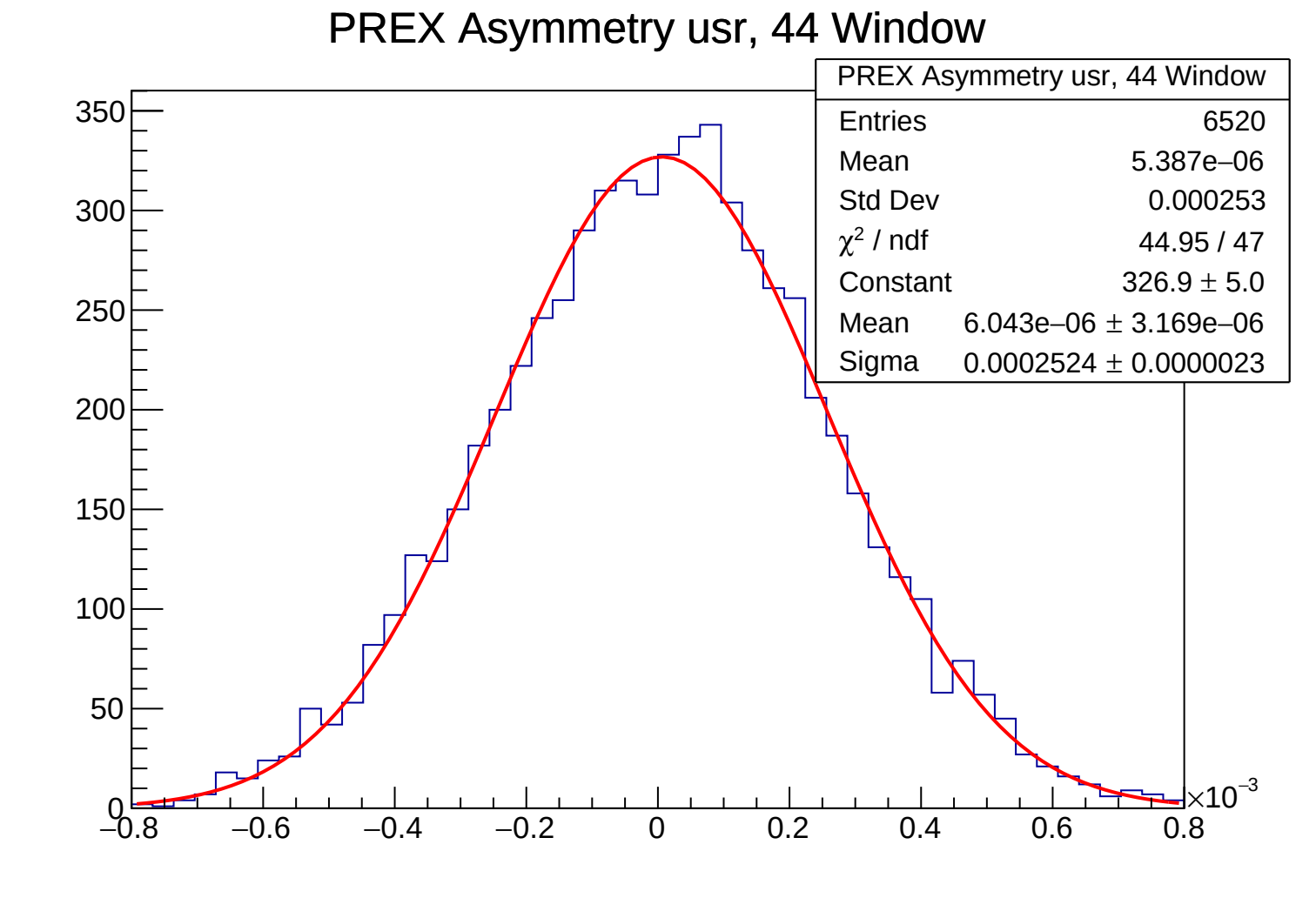

PREX Asymmetry usr, 34 Window
PREX Asymmetry usr, 34 Window
Entries 8442
Mean 5.187e–06
Std Dev 0.0002934
χ² / ndf 36.63 / 46
Constant 481.7 ± 6.5
Mean 6.495e–06 ± 3.200e–06
Sigma 0.0002924 ± 0.0000023
500
400
300
200
100
0
–0.001
–0.0005
0
0.0005
0.001

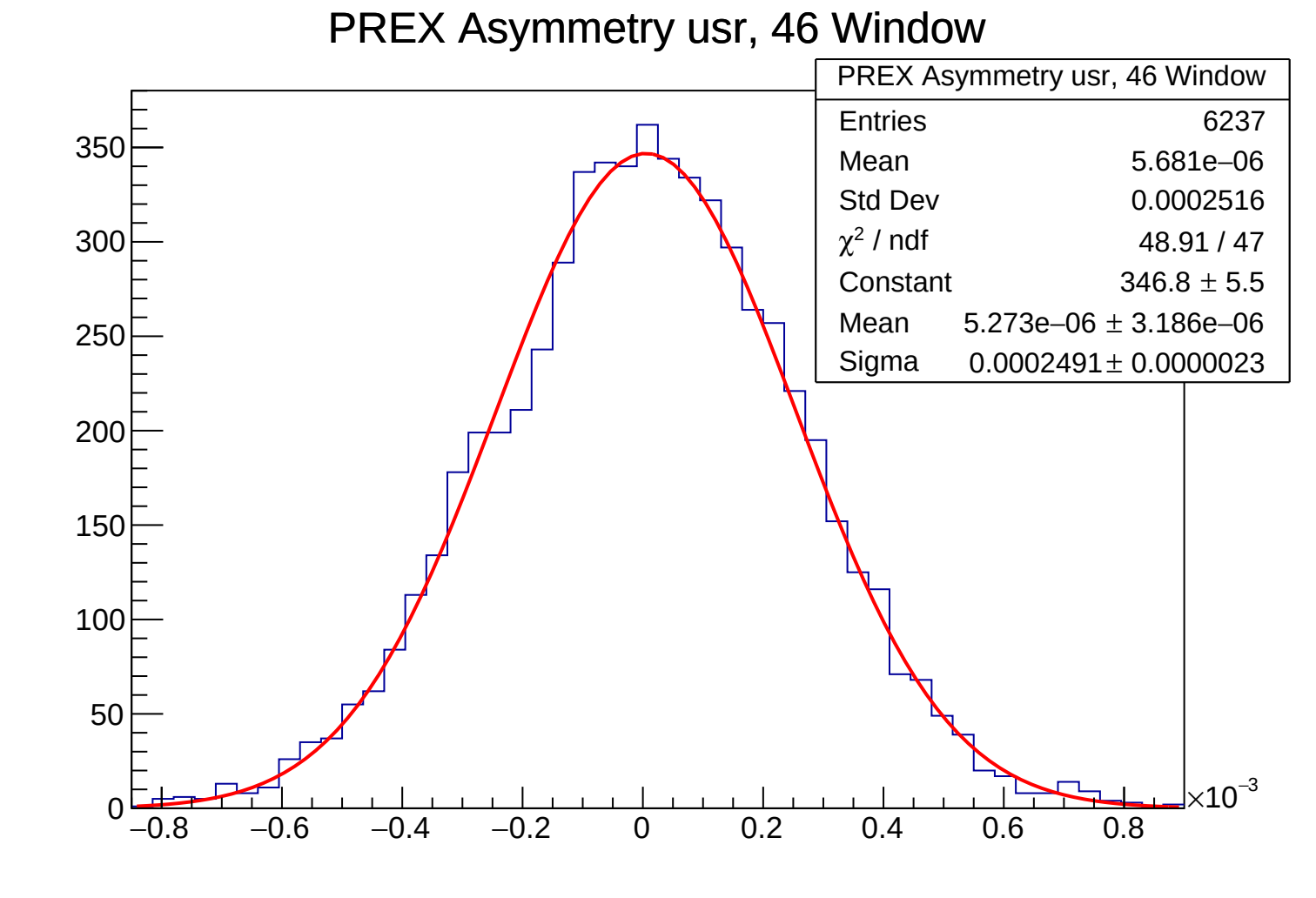

PREX Asymmetry usr, 36 Window
PREX Asymmetry usr, 36 Window
Entries 7972
Mean 5.36e−06
Std Dev 0.0002851
χ² / ndf 39.2 / 44
Constant 456.7 ± 6.3
Mean 4.65e−06 ± 3.22e−06
Sigma 0.0002841 ± 0.0000023
450
400
350
300
250
200
150
100
50
0
−0.001
−0.0005
0
0.0005
0.001


PREX Asymmetry usr, 38 Window
PREX Asymmetry usr, 38 Window
Entries 7552
Mean 3.871e–06
Std Dev 0.0002746
χ² / ndf 35.92 / 47
Constant 404 ± 5.8
Mean 3.996e–06 ± 3.183e–06
Sigma 0.0002743 ± 0.0000023
400
350
300
250
200
150
100
50
0
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
×10⁻³


PREX Asymmetry usr, 40 Window
PREX Asymmetry usr, 40 Window
Entries 7174
Mean 6.496e–06
Std Dev 0.0002671
χ² / ndf 66.96 / 47
Constant 361.1 ± 5.2
Mean 4.986e–06 ± 3.197e–06
Sigma 0.0002667 ± 0.0000023
350
300
250
200
150
100
50
0
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
×10⁻³


PREX Asymmetry usr, 42 Window
PREX Asymmetry usr, 42 Window
Entries 6832
Mean 4.388e−06
Std Dev 0.0002653
χ² / ndf 53.39 / 47
Constant 390.7 ± 5.8
Mean 3.695e−06 ± 3.205e−06
Sigma 0.000263 ± 0.000002
400
350
300
250
200
150
100
50
0
−0.0008 −0.0006 −0.0004 −0.0002 0 0.0002 0.0004 0.0006 0.0008 0.001


PREX Asymmetry usr, 44 Window
PREX Asymmetry usr, 44 Window
Entries 6520
Mean 5.387e–06
Std Dev 0.000253
χ² / ndf 44.95 / 47
Constant 326.9 ± 5.0
Mean 6.043e–06 ± 3.169e–06
Sigma 0.0002524 ± 0.0000023
350
300
250
200
150
100
50
0
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
×10⁻³


PREX Asymmetry usr, 46 Window
PREX Asymmetry usr, 46 Window
Entries 6237
Mean 5.681e–06
Std Dev 0.0002516
χ² / ndf 48.91 / 47
Constant 346.8 ± 5.5
Mean 5.273e–06 ± 3.186e–06
Sigma 0.0002491 ± 0.0000023
350
300
250
200
150
100
50
0
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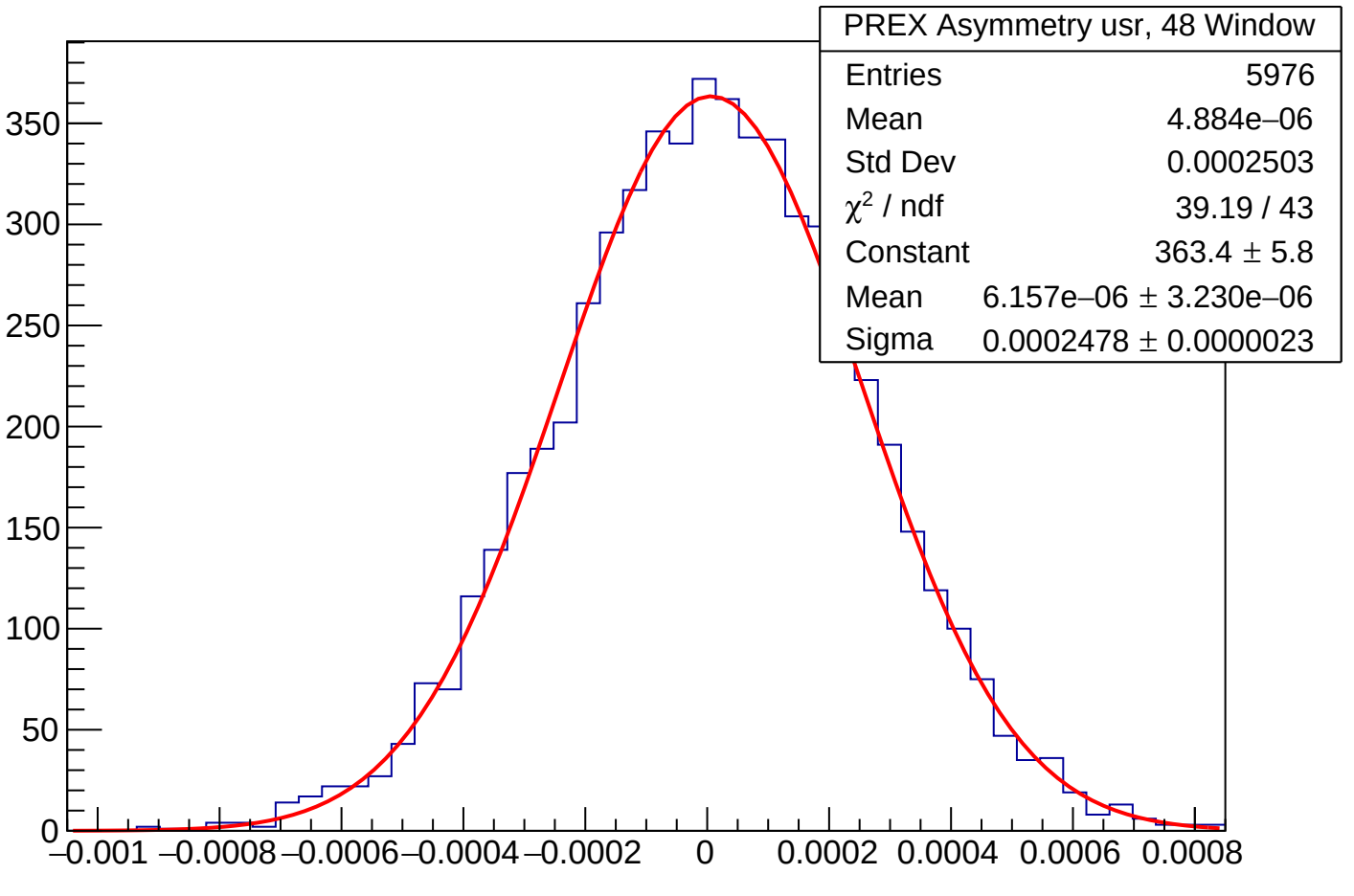
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
×10⁻³


PREX Asymmetry usr, 48 Window
PREX Asymmetry usr, 48 Window
Entries 5976
Mean 4.884e–06
Std Dev 0.0002503
χ² / ndf 39.19 / 43
Constant 363.4 ± 5.8
Mean 6.157e–06 ± 3.230e–06
Sigma 0.0002478 ± 0.0000023
350
300
250
200
150
100
50
0
–0.001
–0.0008
–0.0006
–0.0004
–0.0002
0
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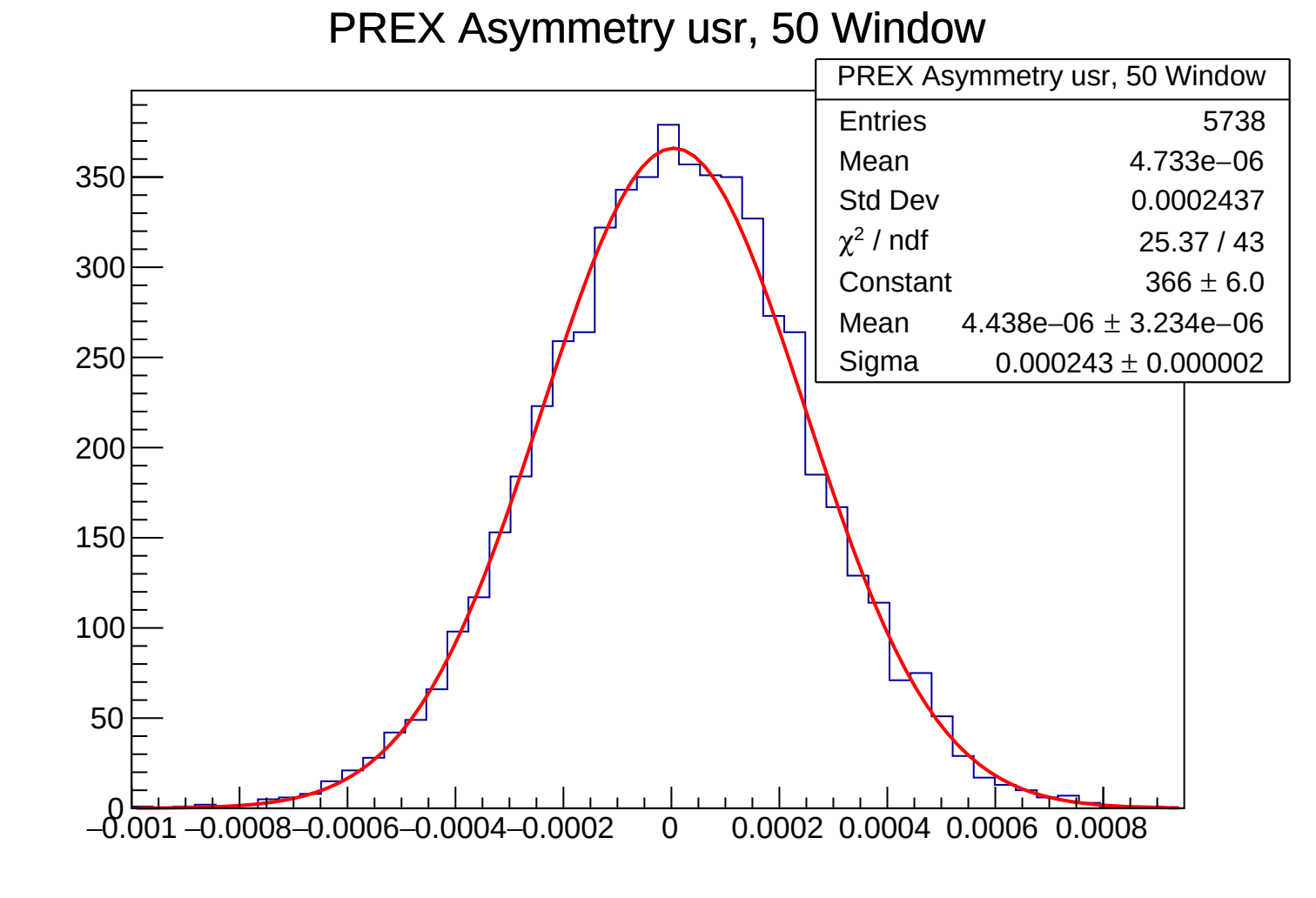
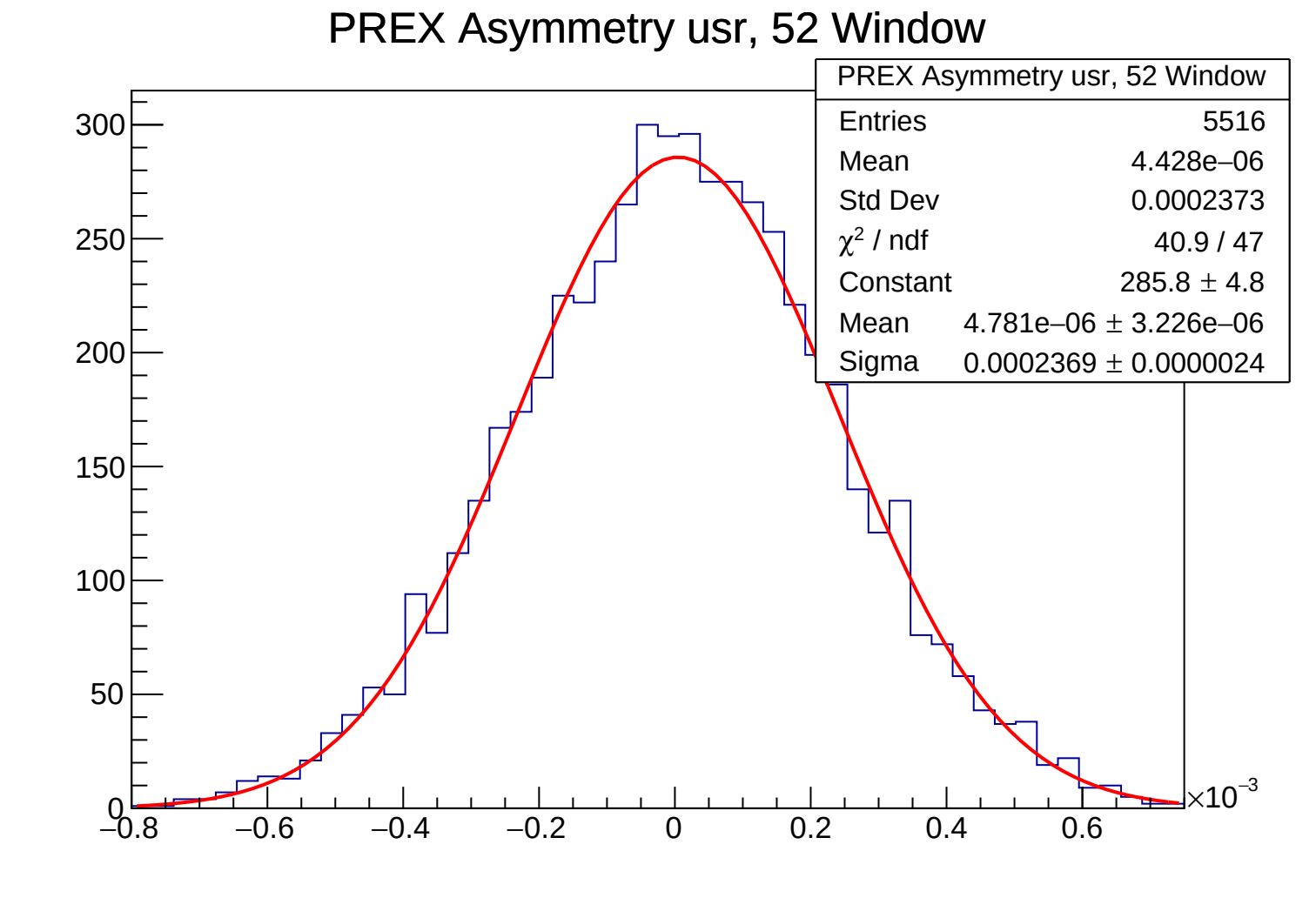
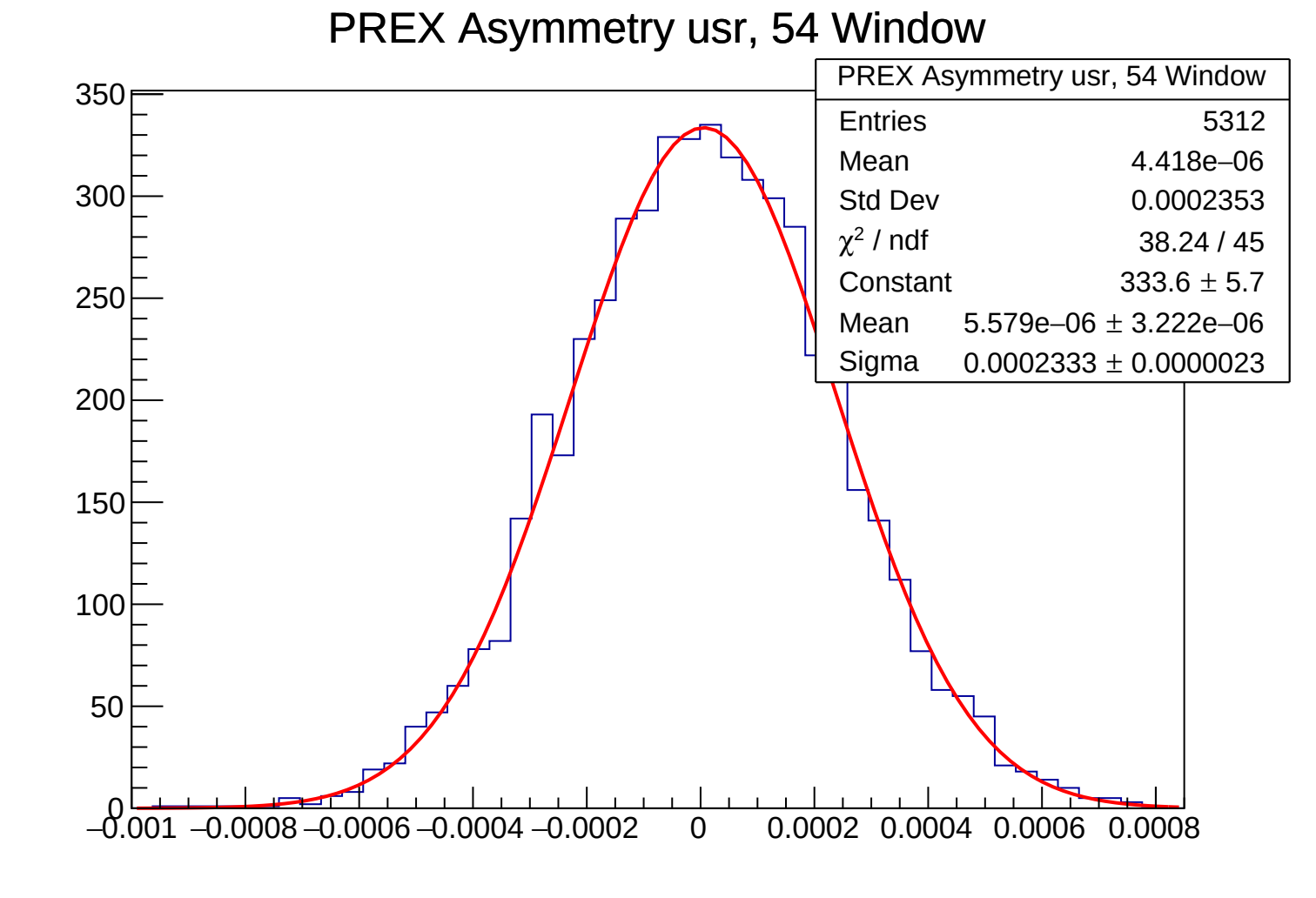
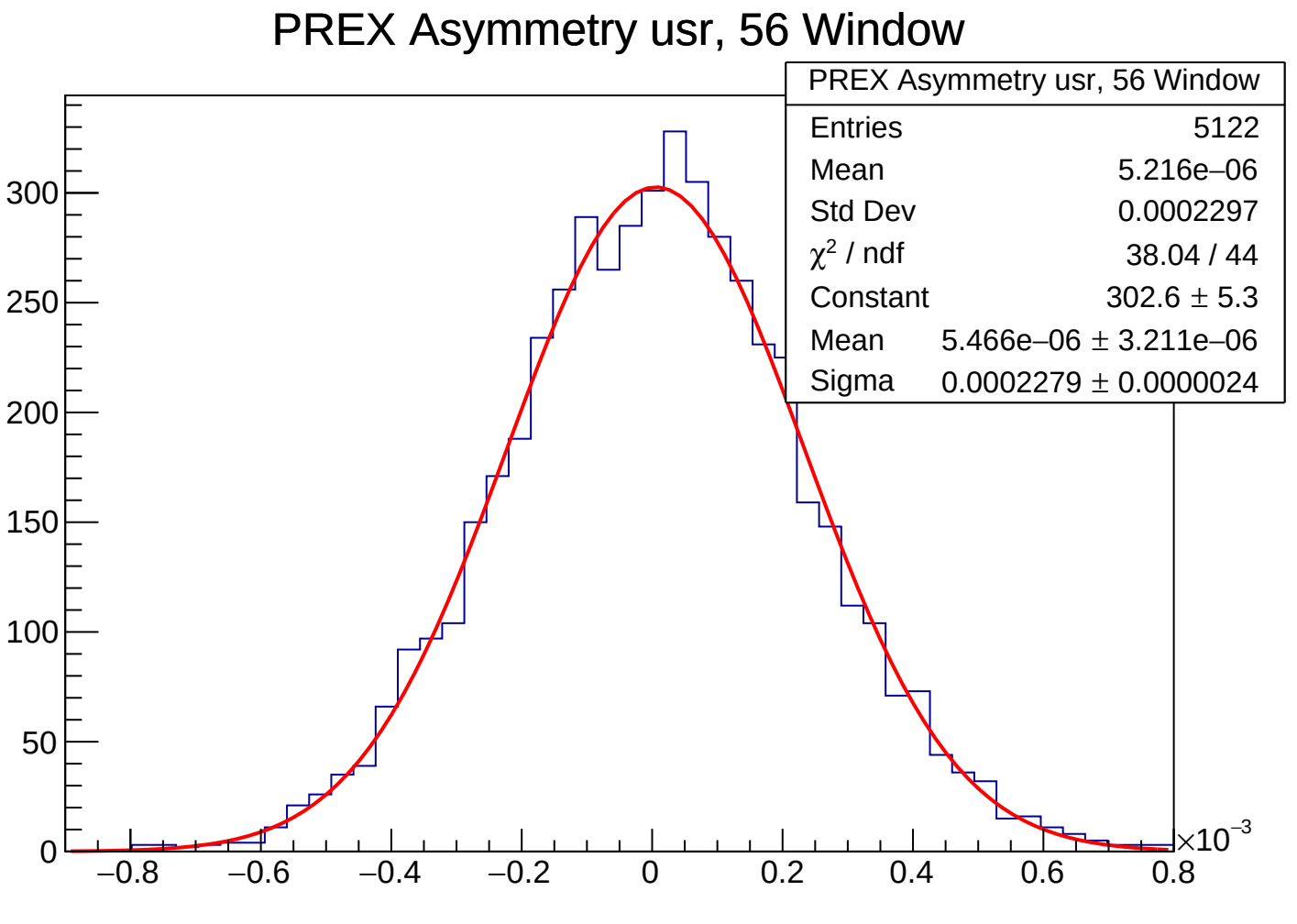
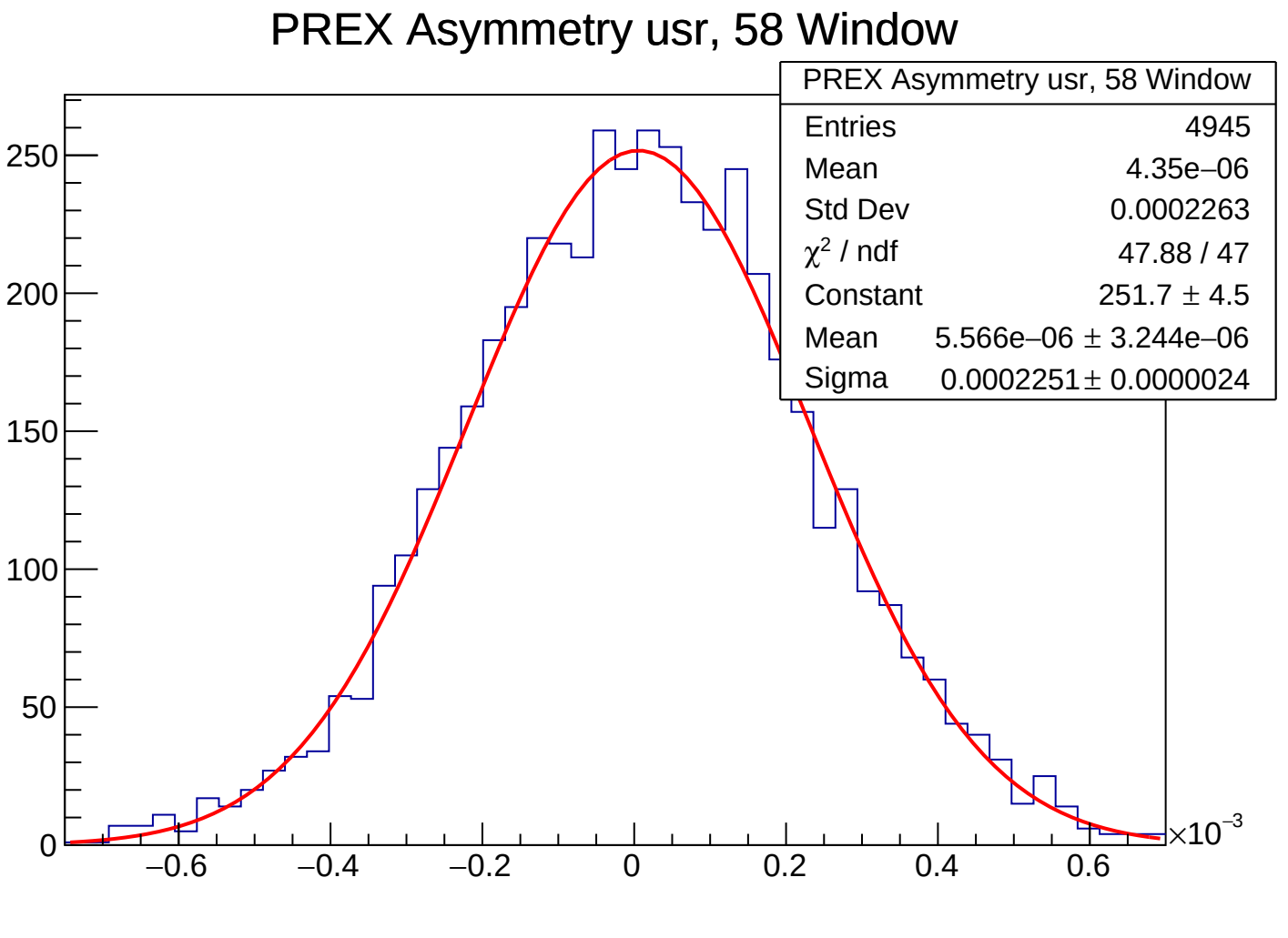
0.0004
0.0006
0.0008

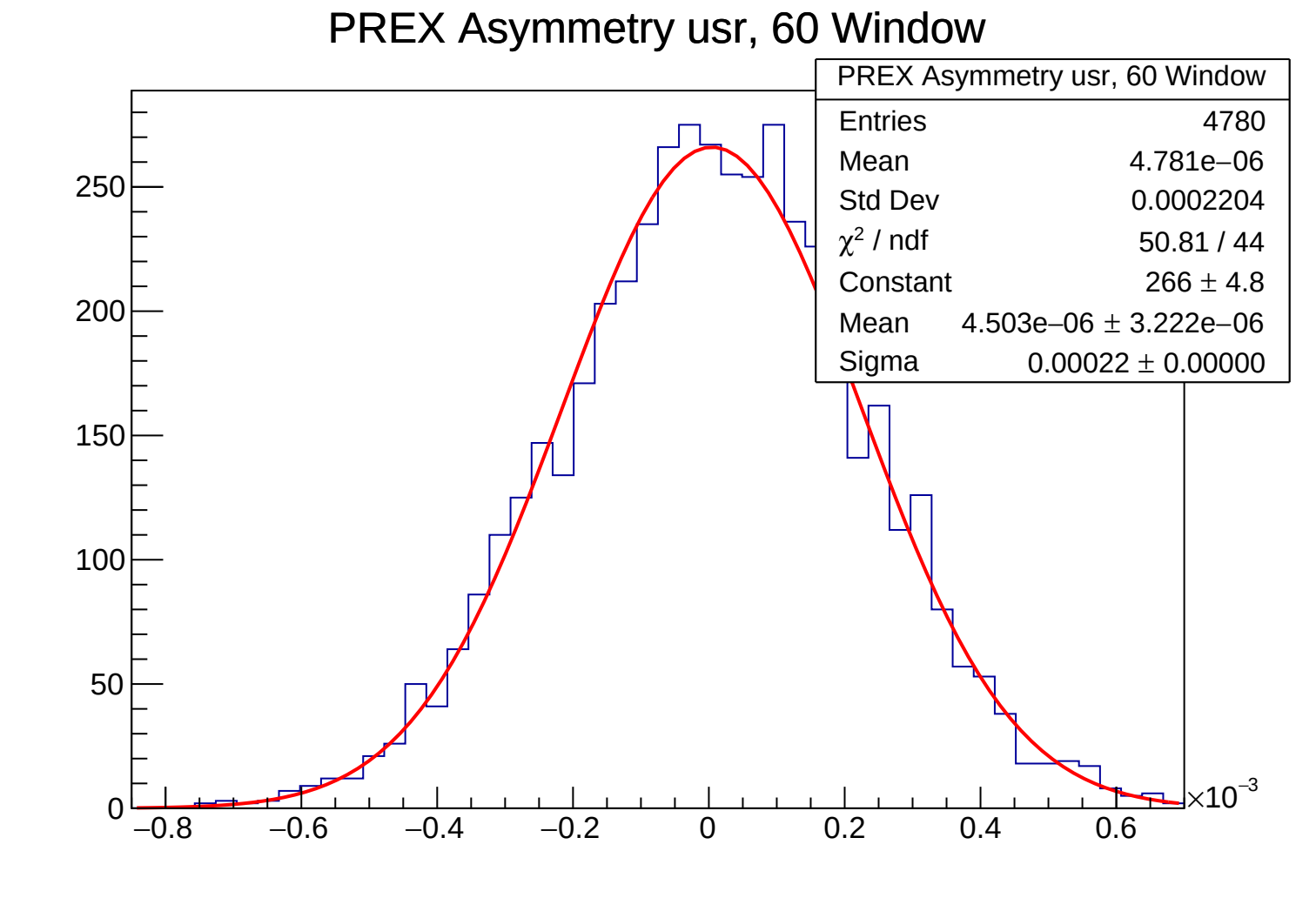

PREX Asymmetry usr, 50 Window
PREX Asymmetry usr, 50 Window
Entries 5738
Mean 4.733e−06
Std Dev 0.0002437
χ² / ndf 25.37 / 43
Constant 366 ± 6.0
Mean 4.438e−06 ± 3.234e−06
Sigma 0.000243 ± 0.000002
350
300
250
200
150
100
50
0
−0.001 −0.0008 −0.0006 −0.0004 −0.0002 0 0.0002 0.0004 0.0006 0.0008

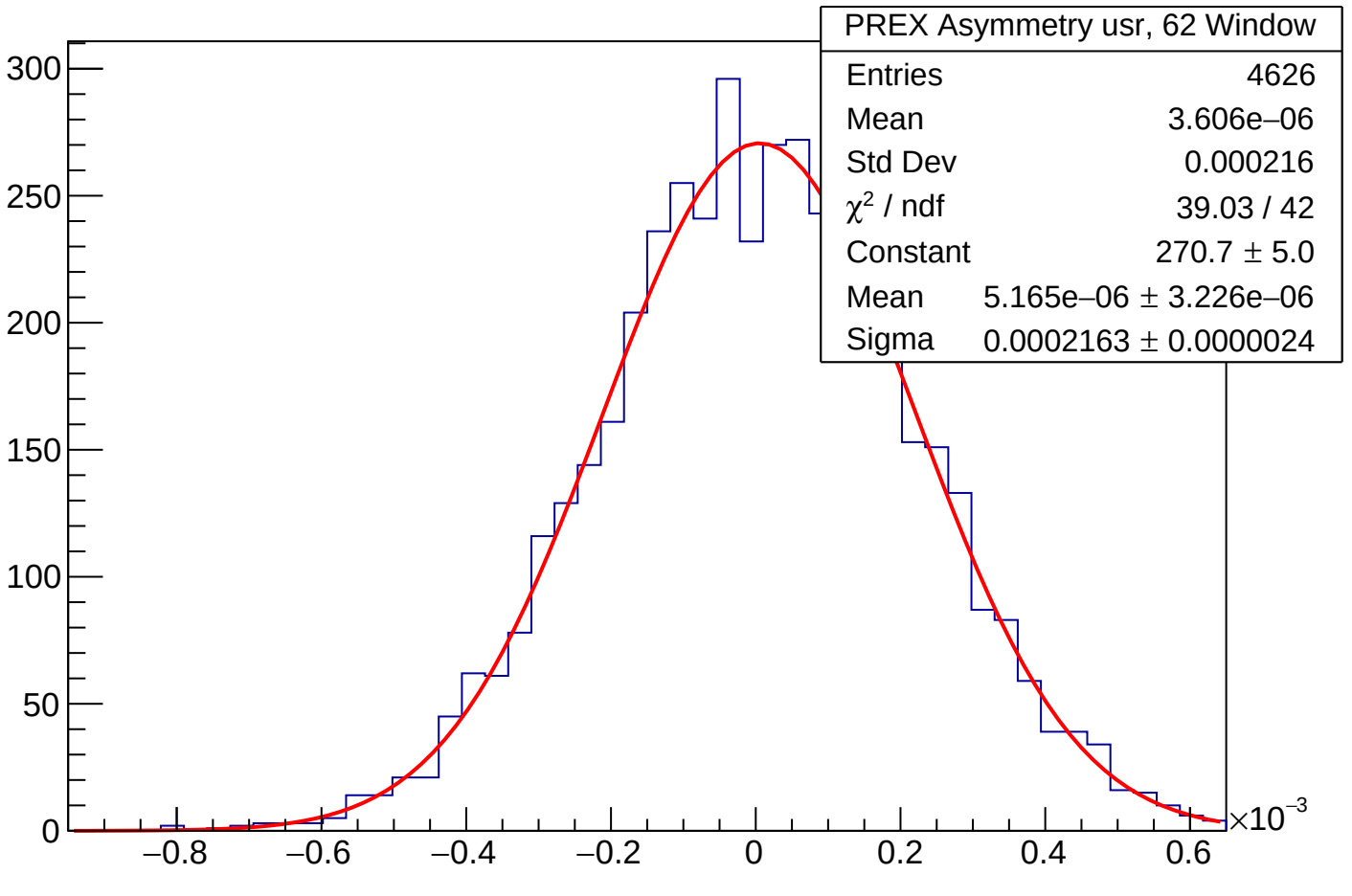

PREX Asymmetry usr, 52 Window
PREX Asymmetry usr, 52 Window
Entries 5516
Mean 4.428e–06
Std Dev 0.0002373
χ² / ndf 40.9 / 47
Constant 285.8 ± 4.8
Mean 4.781e–06 ± 3.226e–06
Sigma 0.0002369 ± 0.0000024
300
250
200
150
100
50
0
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
×10⁻³

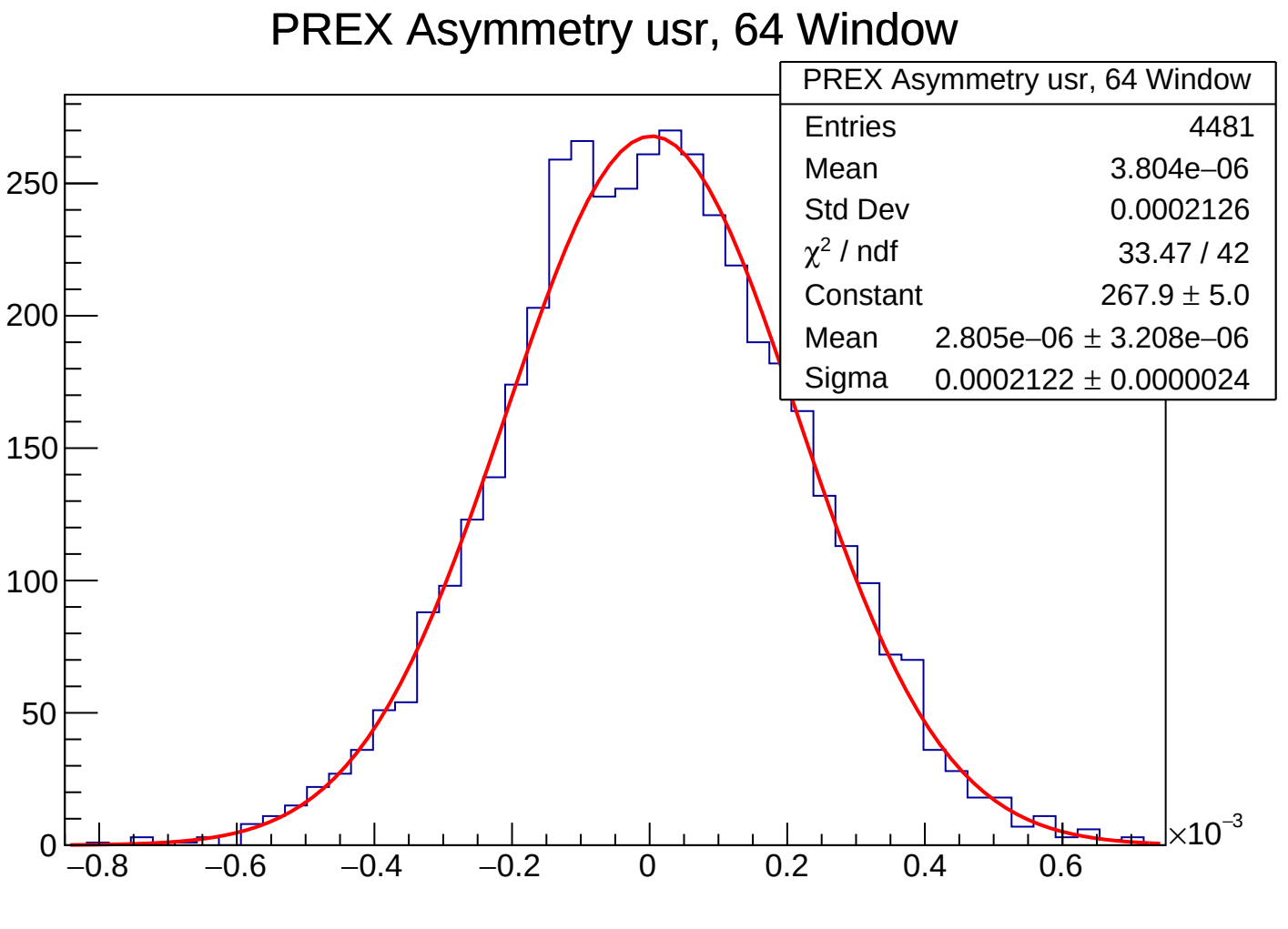

PREX Asymmetry usr, 54 Window
PREX Asymmetry usr, 54 Window
Entries 5312
Mean 4.418e–06
Std Dev 0.0002353
χ² / ndf 38.24 / 45
Constant 333.6 ± 5.7
Mean 5.579e–06 ± 3.222e–06
Sigma 0.0002333 ± 0.0000023
350
300
250
200
150
100
50
0
–0.001
–0.0008
–0.0006
–0.0004
–0.0002
0
0.0002
0.0004
0.0006
0.0008


PREX Asymmetry usr, 56 Window
PREX Asymmetry usr, 56 Window
Entries 5122
Mean 5.216e–06
Std Dev 0.0002297
χ² / ndf 38.04 / 44
Constant 302.6 ± 5.3
Mean 5.466e–06 ± 3.211e–06
Sigma 0.0002279 ± 0.0000024
300
250
200
150
100
50
0
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
×10⁻³

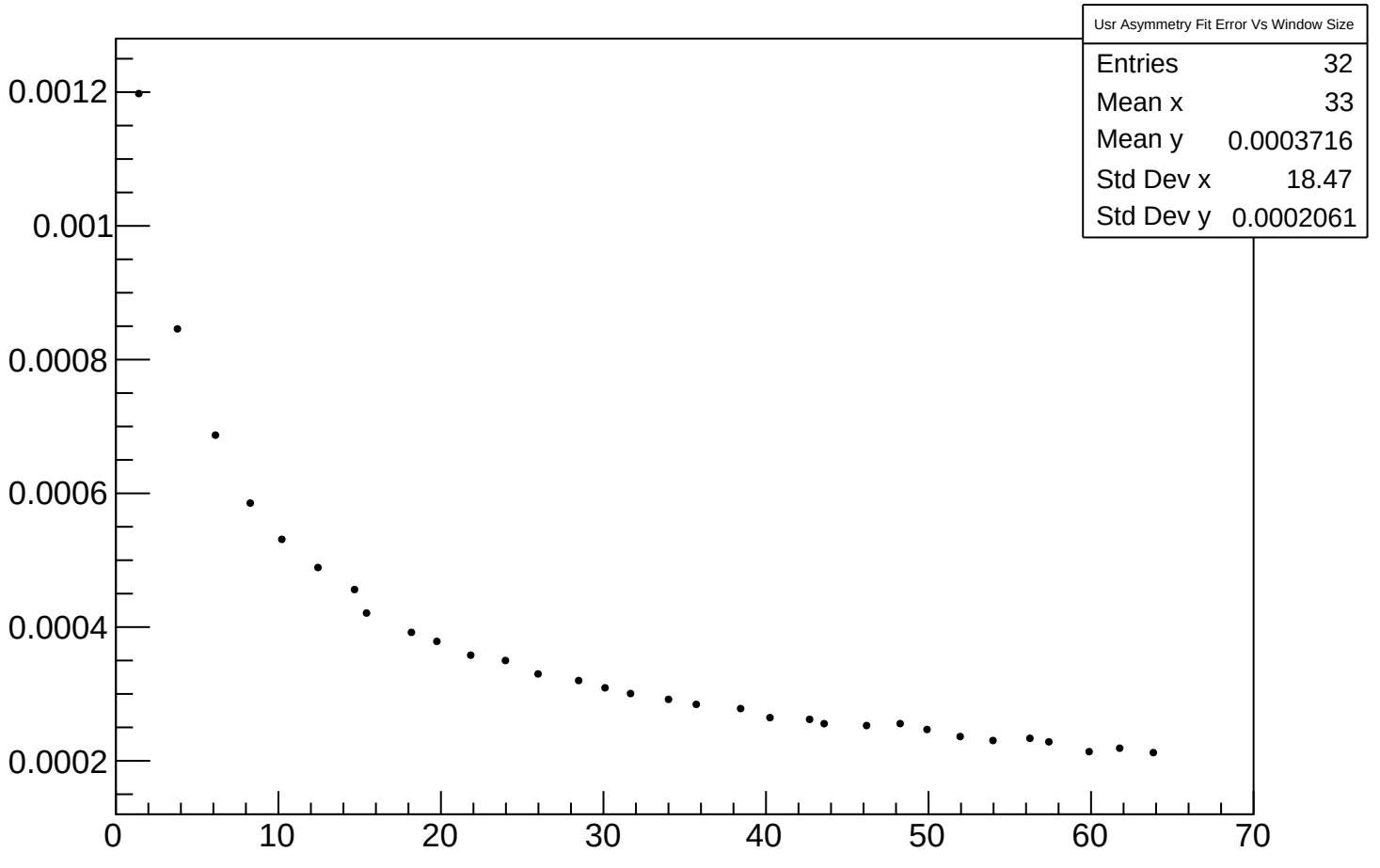
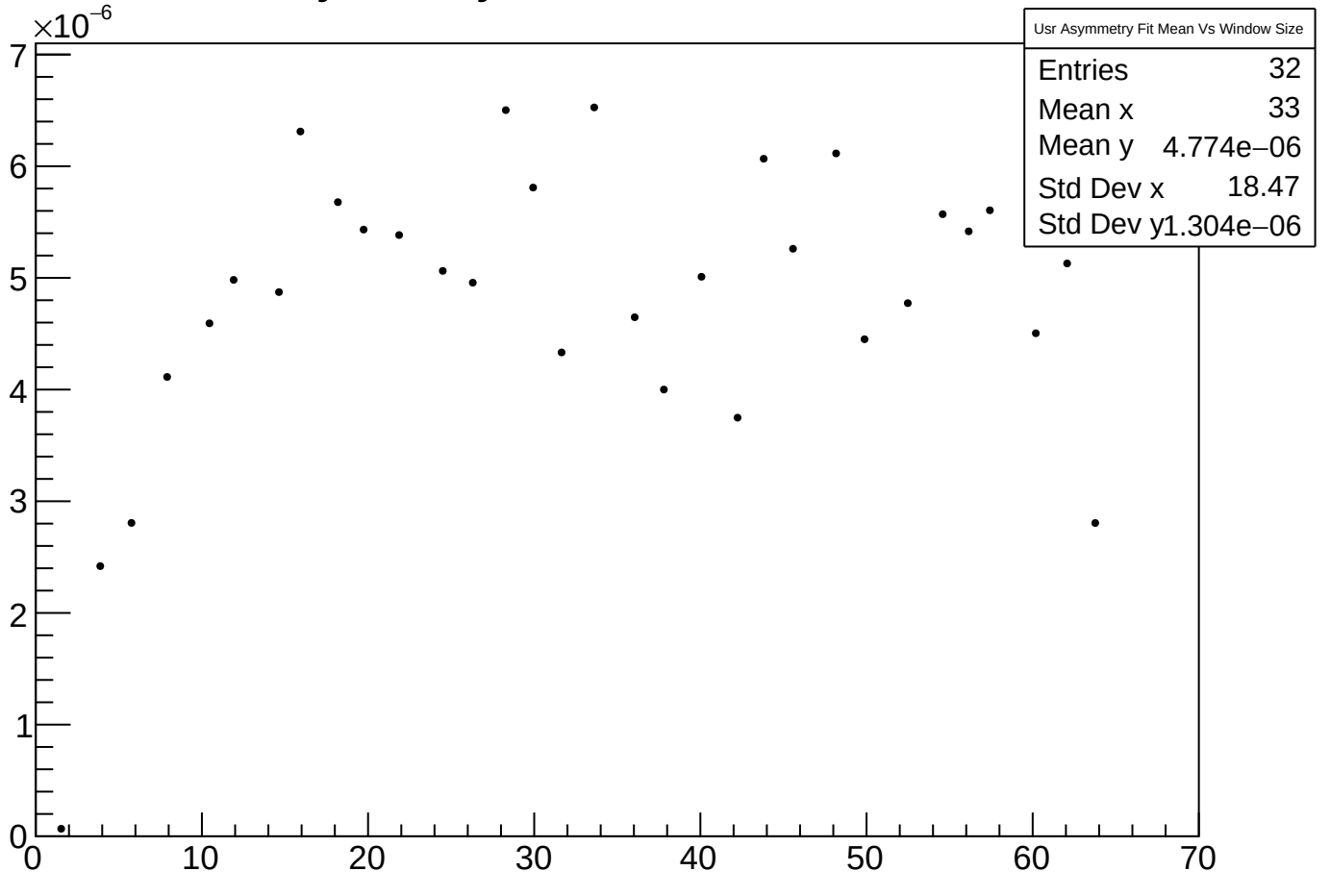

PREX Asymmetry usr, 58 Window
PREX Asymmetry usr, 58 Window
Entries 4945
Mean 4.35e−06
Std Dev 0.0002263
χ² / ndf 47.88 / 47
Constant 251.7 ± 4.5
Mean 5.566e−06 ± 3.244e−06
Sigma 0.0002251 ± 0.0000024
250
200
150
100
50
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
×10⁻³


PREX Asymmetry usr, 60 Window
PREX Asymmetry usr, 60 Window
Entries 4780
Mean 4.781e−06
Std Dev 0.0002204
χ² / ndf 50.81 / 44
Constant 266 ± 4.8
Mean 4.503e−06 ± 3.222e−06
Sigma 0.00022 ± 0.00000
250
200
150
100
50
0
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
×10⁻³


PREX Asymmetry usr, 62 Window
PREX Asymmetry usr, 62 Window
Entries 4626
Mean 3.606e–06
Std Dev 0.000216
χ² / ndf 39.03 / 42
Constant 270.7 ± 5.0
Mean 5.165e–06 ± 3.226e–06
Sigma 0.0002163 ± 0.0000024
300
250
200
150
100
50
0
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
×10⁻³


PREX Asymmetry usr, 64 Window
PREX Asymmetry usr, 64 Window
Entries 4481
Mean 3.804e–06
Std Dev 0.0002126
χ² / ndf 33.47 / 42
Constant 267.9 ± 5.0
Mean 2.805e–06 ± 3.208e–06
Sigma 0.0002122 ± 0.0000024
250
200
150
100
50
0
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
×10⁻³

Usr Asymmetry Fit Error Vs Window Size



Usr Asymmetry Fit Mean Vs Window Size