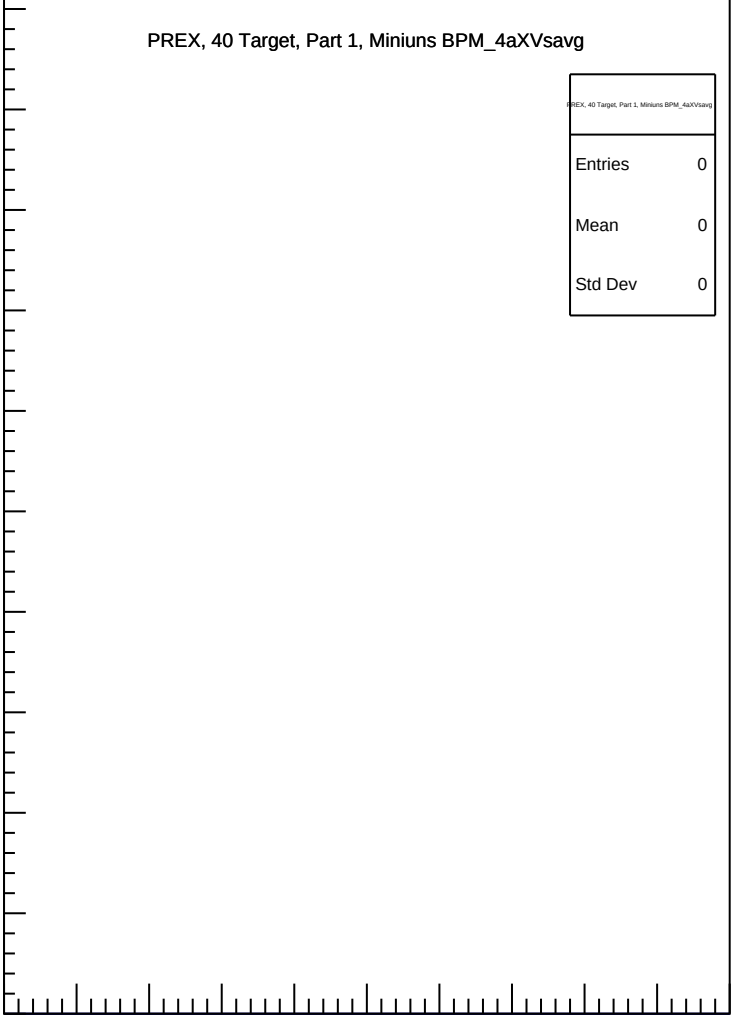
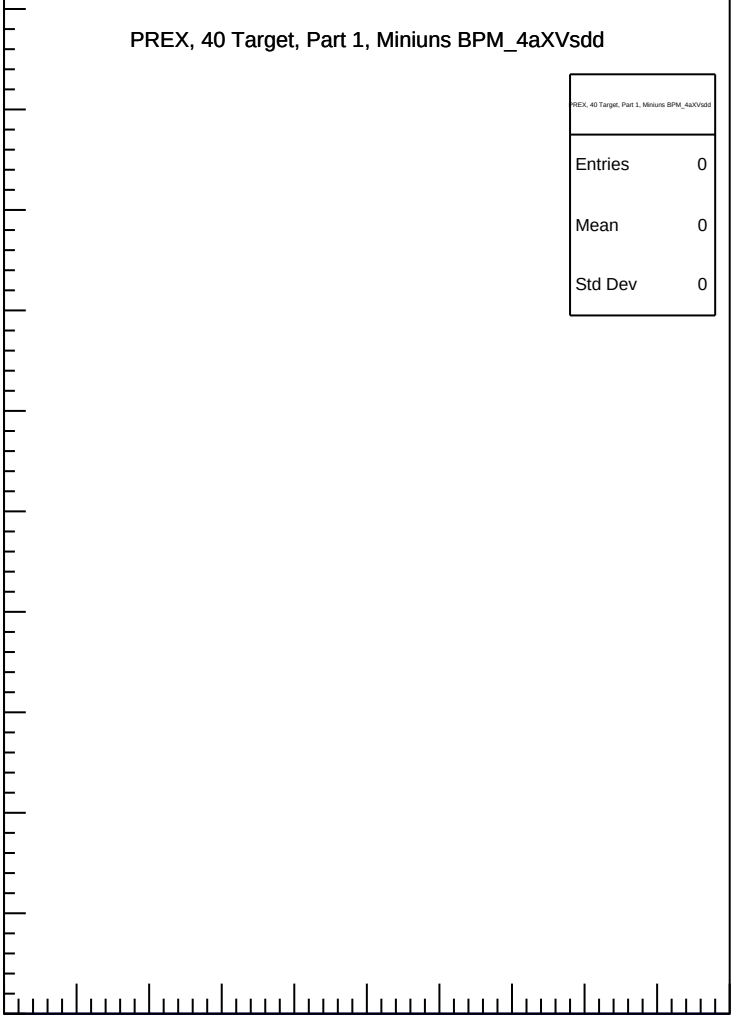

PREX, 40 Target, Part 1, Miniuns BPM_4aXVsavg
PREX, 40 Target, Part 1, Miniuns BPM_4aXVsavg
Entries 0
Mean 0
Std Dev 0


PREX, 40 Target, Part 1, Miniuns BPM_4aXVsdd
PREX, 40 Target, Part 1, Miniuns BPM_4aXVsdd
Entries 0
Mean 0
Std Dev 0

PREX, 40 Target, Part 1, Miniuns BPM_4aXVsusl

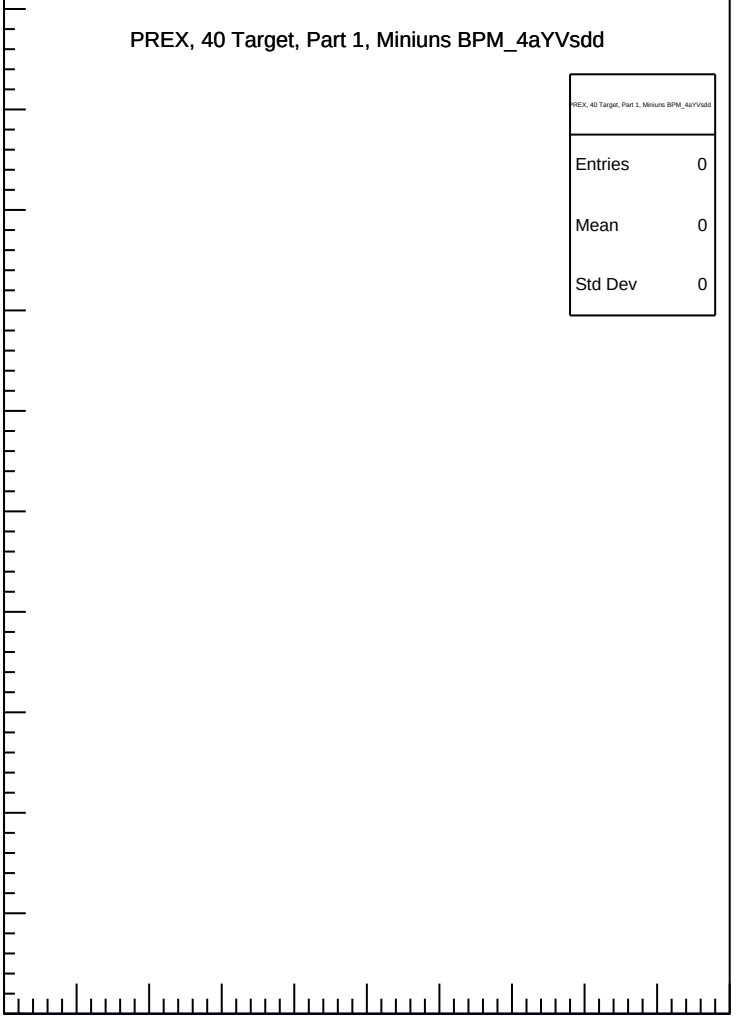
PREX, 40 Target, Part 1, Miniuns BPM_4aXVsusl	
Entries	0
Mean	0
Std Dev	0

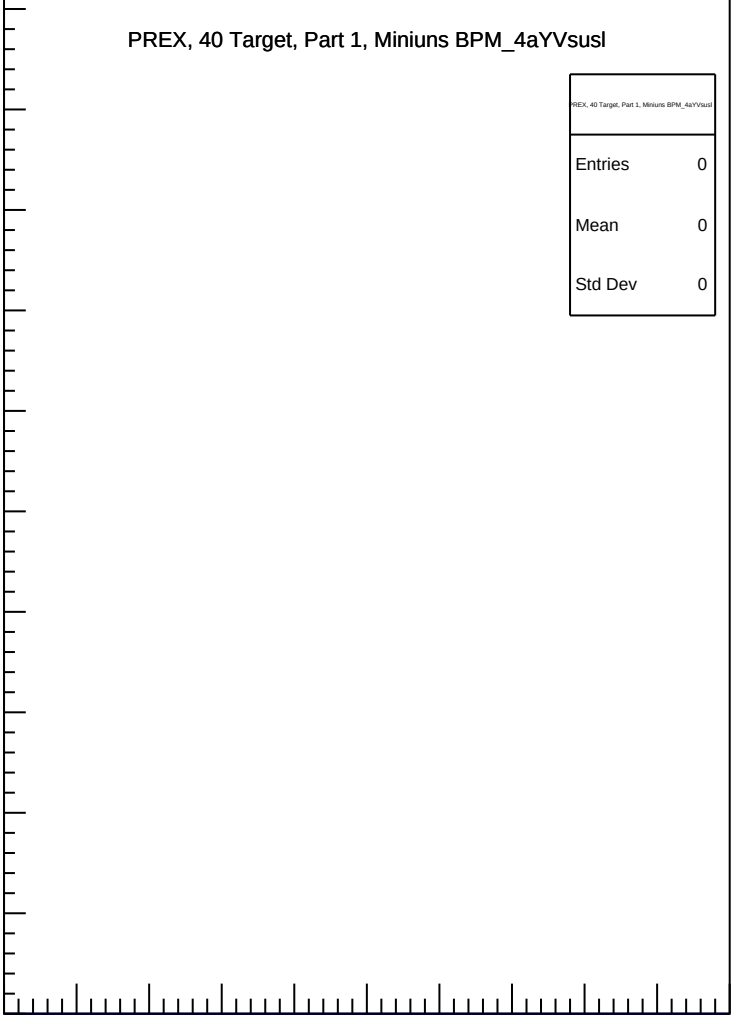
PREX, 40 Target, Part 1, Miniuns BPM_4aXVsusr

PREX, 40 Target, Part 1, Miniuns BPM_4aXVsusr	
Entries	0
Mean	0
Std Dev	0

PREX, 40 Target, Part 1, Miniuns BPM_4aYVsavg

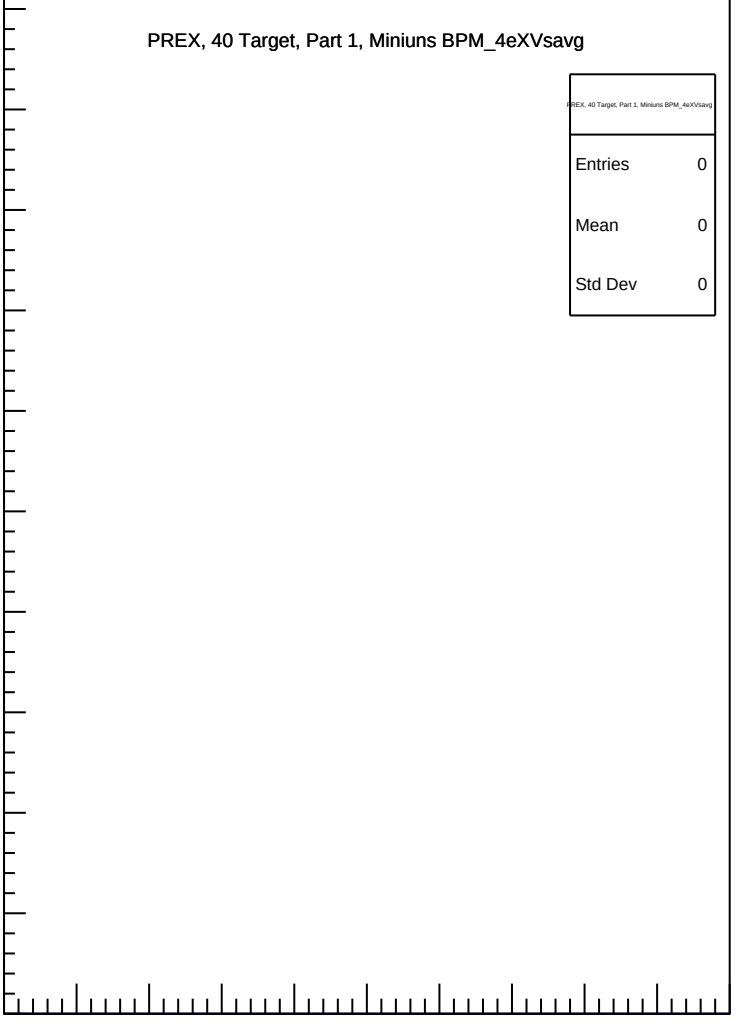
PREX, 40 Target, Part 1, Miniuns BPM_4aYVsavg	
Entries	0
Mean	0
Std Dev	0

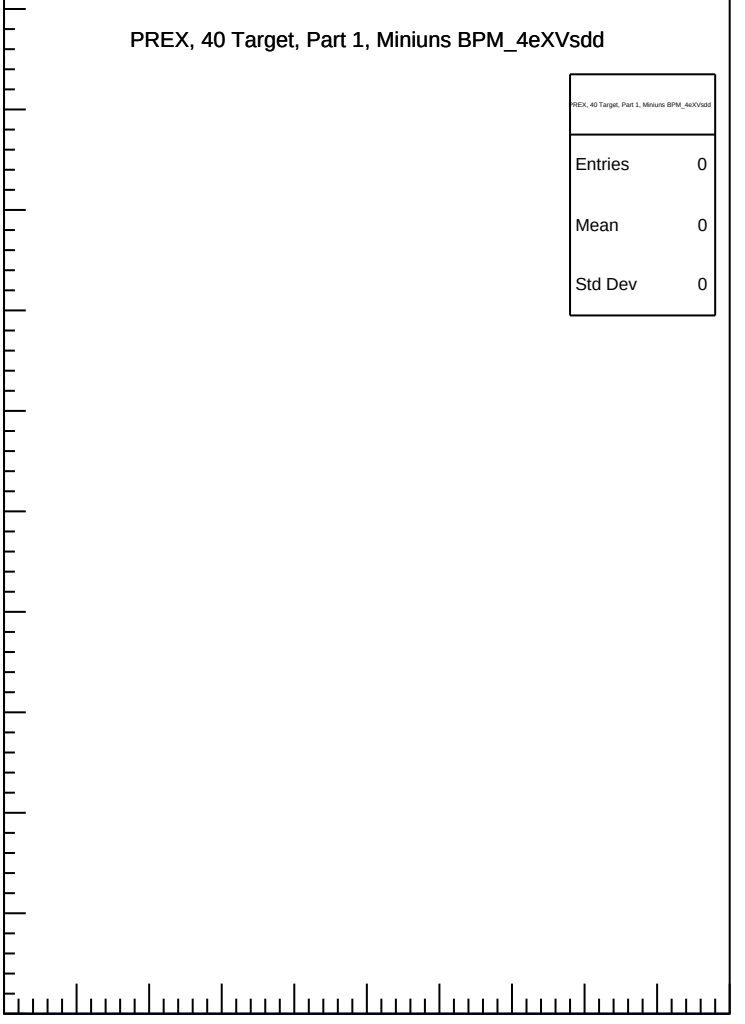

PREX, 40 Target, Part 1, Miniuns BPM_4aYVsdd
PREX, 40 Target, Part 1, Miniuns BPM_4aYVsdd
Entries 0
Mean 0
Std Dev 0


PREX, 40 Target, Part 1, Miniuns BPM_4aYVsusl
PREX, 40 Target, Part 1, Miniuns BPM_4aYVsusl
Entries 0
Mean 0
Std Dev 0

PREX, 40 Target, Part 1, Miniuns BPM_4aYVsusr

PREX, 40 Target, Part 1, Miniuns BPM_4aYVsusr	
Entries	0
Mean	0
Std Dev	0


PREX, 40 Target, Part 1, Miniuns BPM_4eXVsavg
PREX, 40 Target, Part 1, Miniuns BPM_4eXVsavg
Entries 0
Mean 0
Std Dev 0

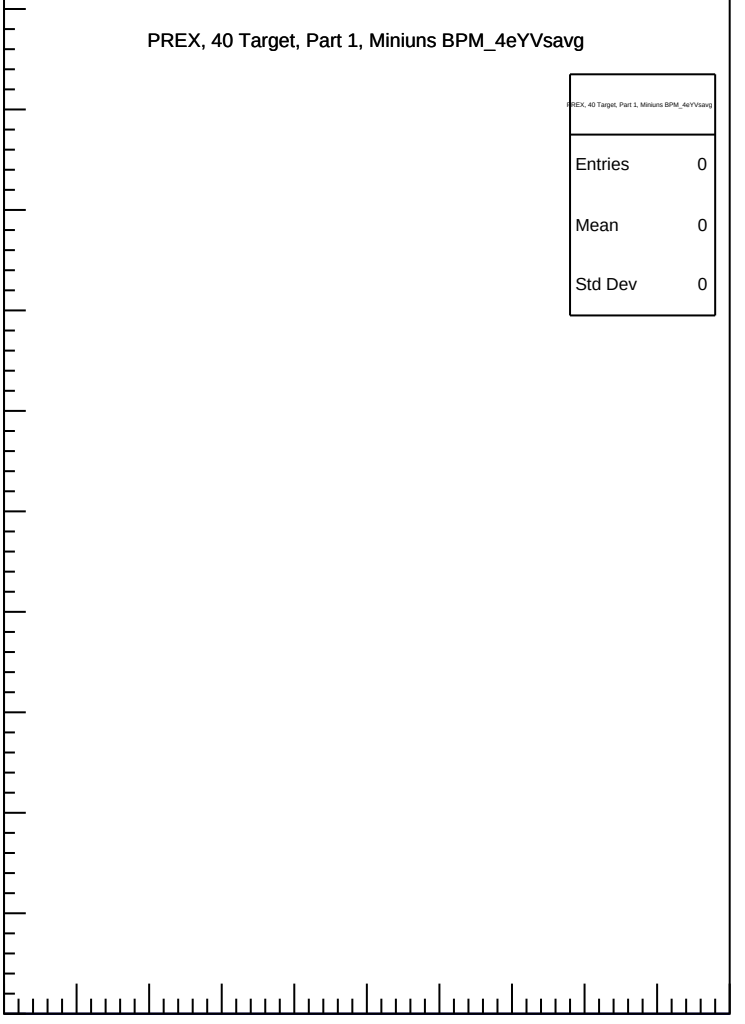

PREX, 40 Target, Part 1, Miniuns BPM_4eXVsdd
PREX, 40 Target, Part 1, Miniuns BPM_4eXVsdd
Entries 0
Mean 0
Std Dev 0

PREX, 40 Target, Part 1, Miniuns BPM_4eXVsusl

PREX, 40 Target, Part 1, Miniuns BPM_4eXVsusl	
Entries	0
Mean	0
Std Dev	0

PREX, 40 Target, Part 1, Miniuns BPM_4eXVsusr

PREX, 40 Target, Part 1, Miniuns BPM_4eXVsusr	
Entries	0
Mean	0
Std Dev	0


PREX, 40 Target, Part 1, Miniuns BPM_4eYVsavg
PREX, 40 Target, Part 1, Miniuns BPM_4eYVsavg
Entries 0
Mean 0
Std Dev 0

PREX, 40 Target, Part 1, Miniuns BPM_4eYVsdd

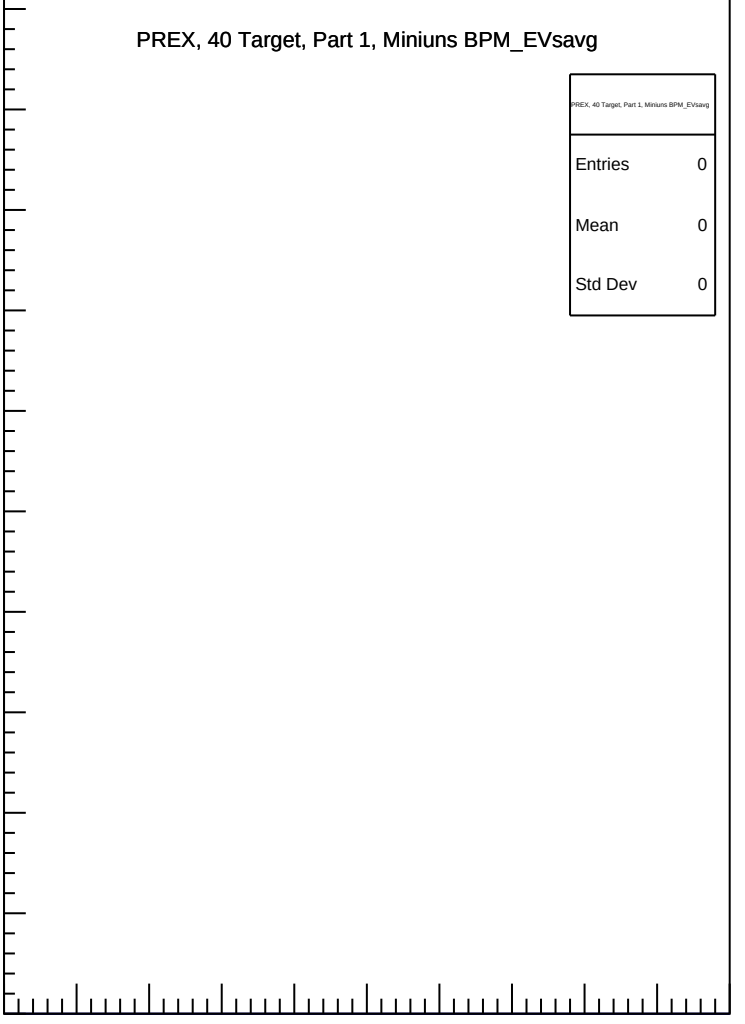
PREX, 40 Target, Part 1, Miniuns BPM_4eYVsdd	
Entries	0
Mean	0
Std Dev	0

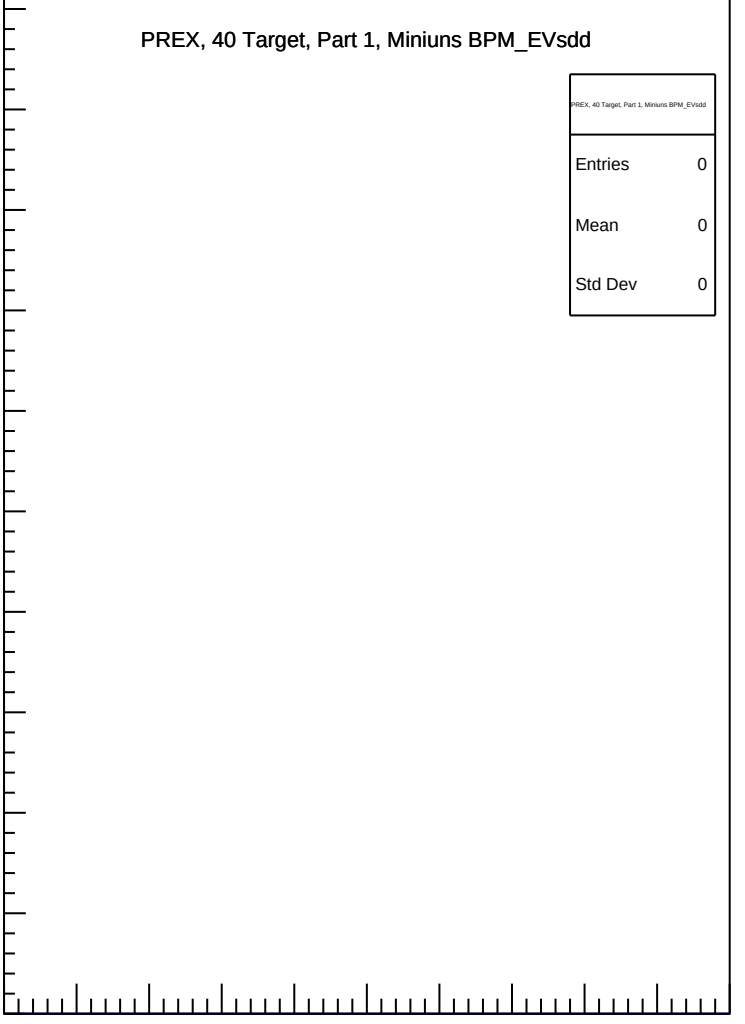
PREX, 40 Target, Part 1, Miniuns BPM_4eYVsusl

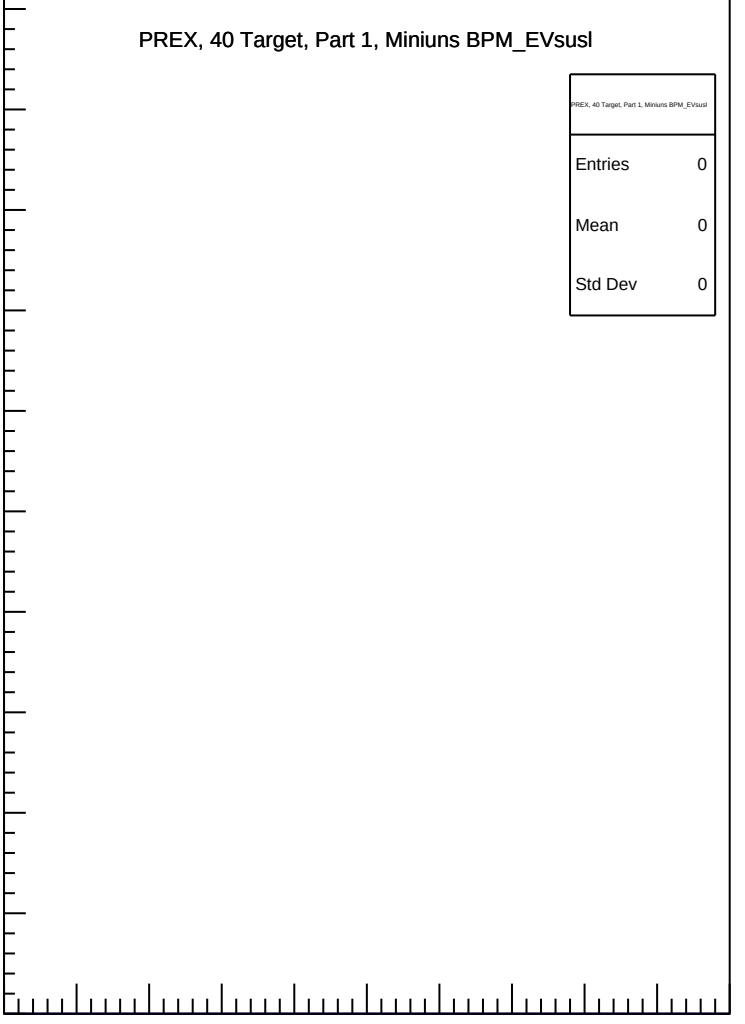
PREX, 40 Target, Part 1, Miniuns BPM_4eYVsusl	
Entries	0
Mean	0
Std Dev	0

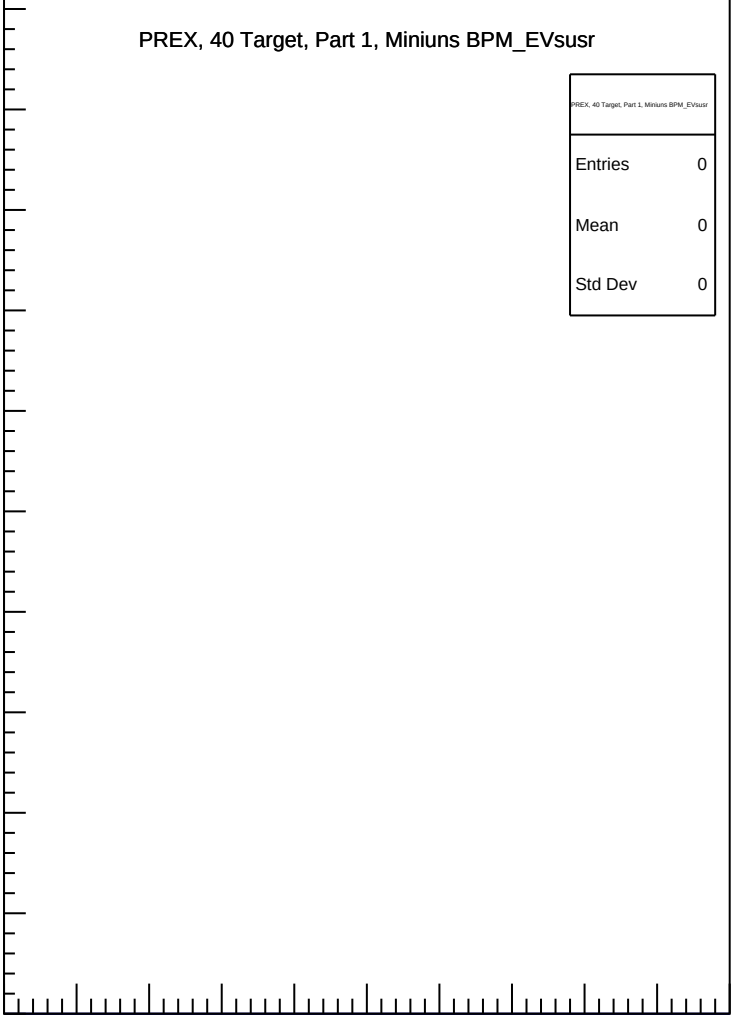
PREX, 40 Target, Part 1, Miniuns BPM_4eYVsusr

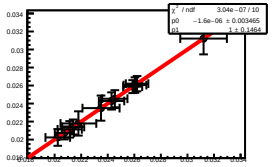
PREX, 40 Target, Part 1, Miniuns BPM_4eYVsusr	
Entries	0
Mean	0
Std Dev	0

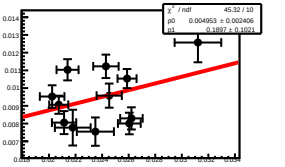

PREX, 40 Target, Part 1, Miniuns BPM_EVsavg
PREX, 40 Target, Part 1, Miniuns BPM_EVsavg
Entries 0
Mean 0
Std Dev 0

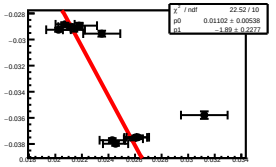

PREX, 40 Target, Part 1, Miniuns BPM_EVsdd
PREX, 40 Target, Part 1, Miniuns BPM_EVsdd
Entries 0
Mean 0
Std Dev 0

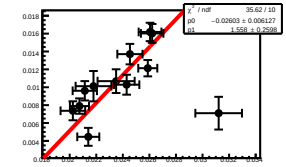

PREX, 40 Target, Part 1, Miniuns BPM_EVsusl
PREX, 40 Target, Part 1, Miniuns BPM_EVsusl
Entries 0
Mean 0
Std Dev 0

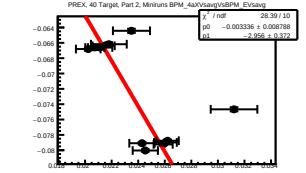

PREX, 40 Target, Part 1, Miniuns BPM_EVsusr
PREX, 40 Target, Part 1, Miniuns BPM_EVsusr
Entries 0
Mean 0
Std Dev 0

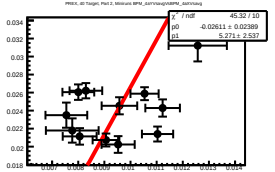

PREX, 4D Target, Part 2, Minirunsβ_daYVsavgVsBPM_daXVsavg
χ² / ndf 3.04e - 07 / 10
p0 −1.6e−06 ± 0.003465
p1 1 ± 0.1464

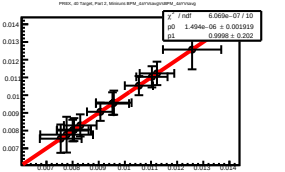

PREX, 4D Target, Part 2, Minirunsβ_daXVsavgVsBPM_daYVsavg
χ² / ndf 45.32 / 10
p0 0.004953 ± 0.002406
p1 0.1897 ± 0.1021

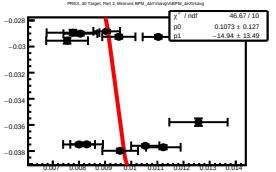

PREX, 4D Target, Part 2, Minirunsβ_daYVsavgVsBPM_daXVsavg
χ² / ndf 22.52 / 10
p0 0.01102 ± 0.00538
p1 −1.89 ± 0.3277

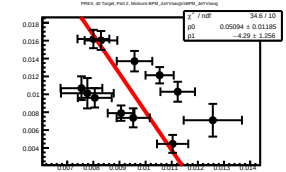

PREX, 4D Target, Part 2, Minirunsβ_daXVsavgVsBPM_daYVsavg
χ² / ndf 35.62 / 10
p0 −0.02603 ± 0.006127
p1 1.558 ± 0.2598

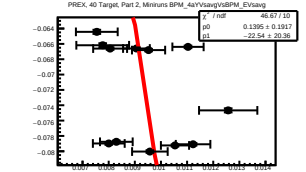

PREX, 40 Target, Part 2, Minirunsβ BPM_4aXVsavgVsBPM_EVsavg
χ² / ndf 26.39 / 10
p0 −0.003336 ± 0.008788
p1 −2.956 ± 0.372

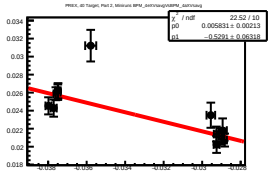

PREX, 4D Target, Part 2, Minirunsβ_daYVsavgVsBPM_daXVsavg
χ² / ndf 45.32 / 10
p0 −0.02611 ± 0.02389
p1 5.271 ± 2.537

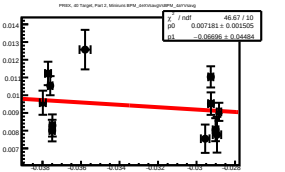

PREX, 4D Target, Part 2, Minirunsβ_daXVsavgVsBPM_daYVsavg
χ² / ndf 6.069e−07 / 10
p0 1.494e−06 ± 0.001919
p1 0.9998 ± 0.202

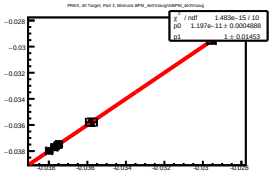

PREX, 4D Target, Part 2, Minirunsβ_daYVsavgVsBPM_daXVsavg
χ² / ndf 46.67 / 10
p0 0.1073 ± 0.127
p1 −14.94 ± 13.49

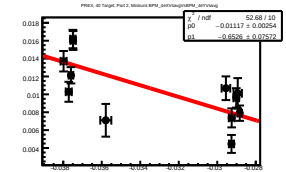

PREX, 4D Target, Part 2, Minirunsβ_daXVsavgVsBPM_daYVsavg
χ² / ndf 34.6 / 10
p0 0.05094 ± 0.01185
p1 −4.29 ± 1.256

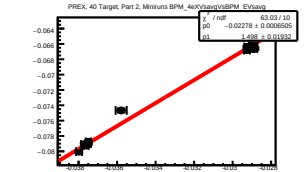

PREX, 40 Target, Part 2, Minirunsβ BPM_4aYVsavgVsBPM_EVsavg
χ² / ndf 46.67 / 10
p0 0.1395 ± 0.1917
p1 −22.54 ± 20.36

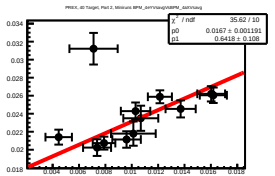

PREX, 4D Target, Part 2, Minirunsβ_daXVsavgVsBPM_daXVsavg
χ² / ndf 22.52 / 10
p0 0.005831 ± 0.00213
p1 −0.5291 ± 0.06318

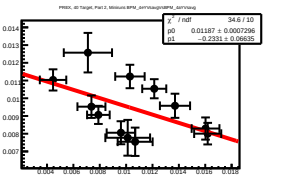

PREX, 4D Target, Part 2, Minirunsβ_daYVsavgVsBPM_daYVsavg
χ² / ndf 46.67 / 10
p0 −0.007181 ± 0.001505
p1 −0.06696 ± 0.04484

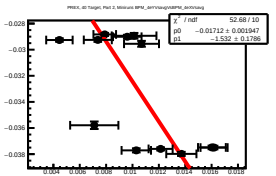

PREX, 4D Target, Part 2, Minirunsβ_daXVsavgVsBPM_daXVsavg
χ² / ndf 1.483e−15 / 10
p0 1.197e−11 ± 0.0004888
p1 1 ± 0.01453

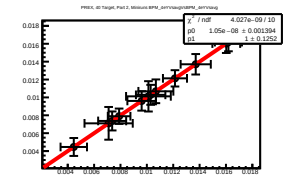

PREX, 4D Target, Part 2, Minirunsβ_daXVsavgVsBPM_daYVsavg
χ² / ndf 52.68 / 10
p0 −0.01117 ± 0.00254
p1 −0.6526 ± 0.07572

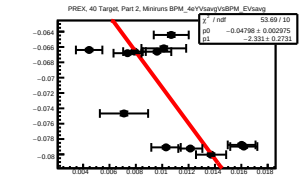

PREX, 40 Target, Part 2, Minirunsβ BPM_4aXVsavgVsBPM_EVsavg
χ² / ndf 63.03 / 10
p0 −0.02278 ± 0.0006505
p1 1.498 ± 0.01932

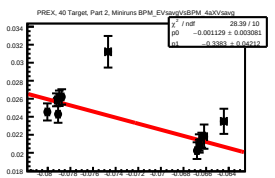

PREX, 4D Target, Part 2, Minirunsβ_daYVsavgVsBPM_daXVsavg
χ² / ndf 35.62 / 10
p0 0.0167 ± 0.001191
p1 0.6418 ± 0.108

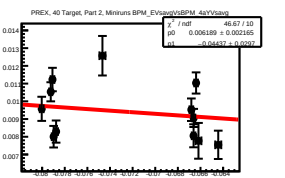

PREX, 4D Target, Part 2, Minirunsβ_daXVsavgVsBPM_daYVsavg
χ² / ndf 34.6 / 10
p0 0.01187 ± 0.0007296
p1 −0.2331 ± 0.06635

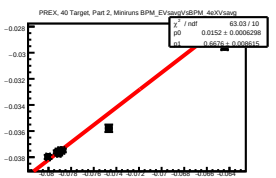

PREX, 4D Target, Part 2, Minirunsβ_daYVsavgVsBPM_daXVsavg
χ² / ndf 52.68 / 10
p0 −0.01712 ± 0.001947
p1 −1.532 ± 0.1786

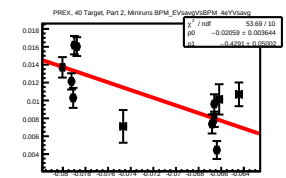

PREX, 4D Target, Part 2, Minirunsβ_daXVsavgVsBPM_daYVsavg
χ² / ndf 4.027e−09 / 10
p0 1.05e−08 ± 0.001394
p1 1 ± 0.1252

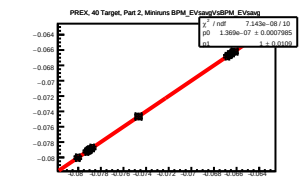

PREX, 40 Target, Part 2, Minirunsβ BPM_4aYVsavgVsBPM_EVsavg
χ² / ndf 53.69 / 10
p0 −0.04798 ± 0.002975
p1 −2.331 ± 0.2731

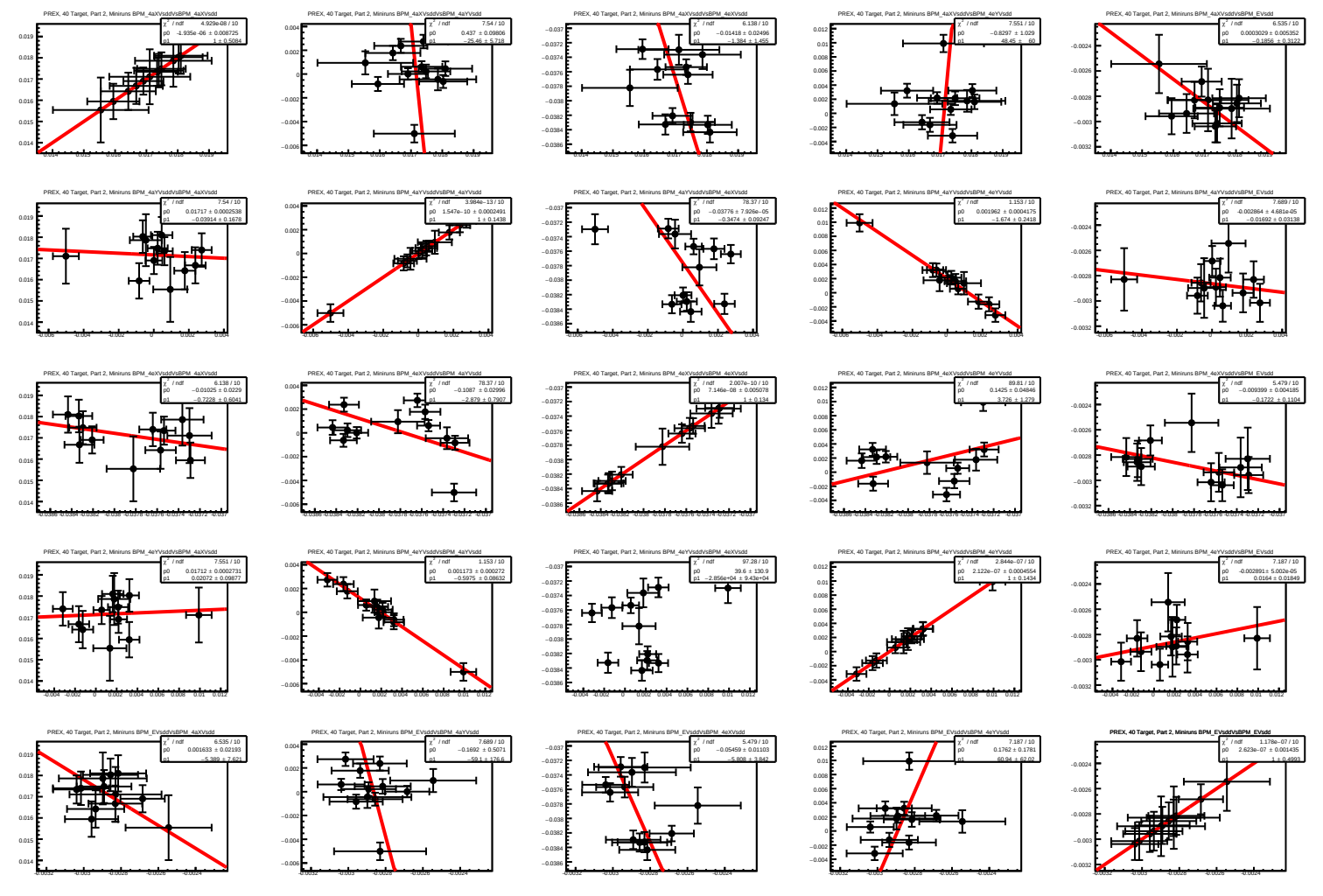

PREX, 40 Target, Part 2, Minirunsβ BPM_EVsavgVsBPM_4aXVsavg
χ² / ndf 28.39 / 10
p0 −0.001129 ± 0.003081
p1 −0.9383 ± 0.04212

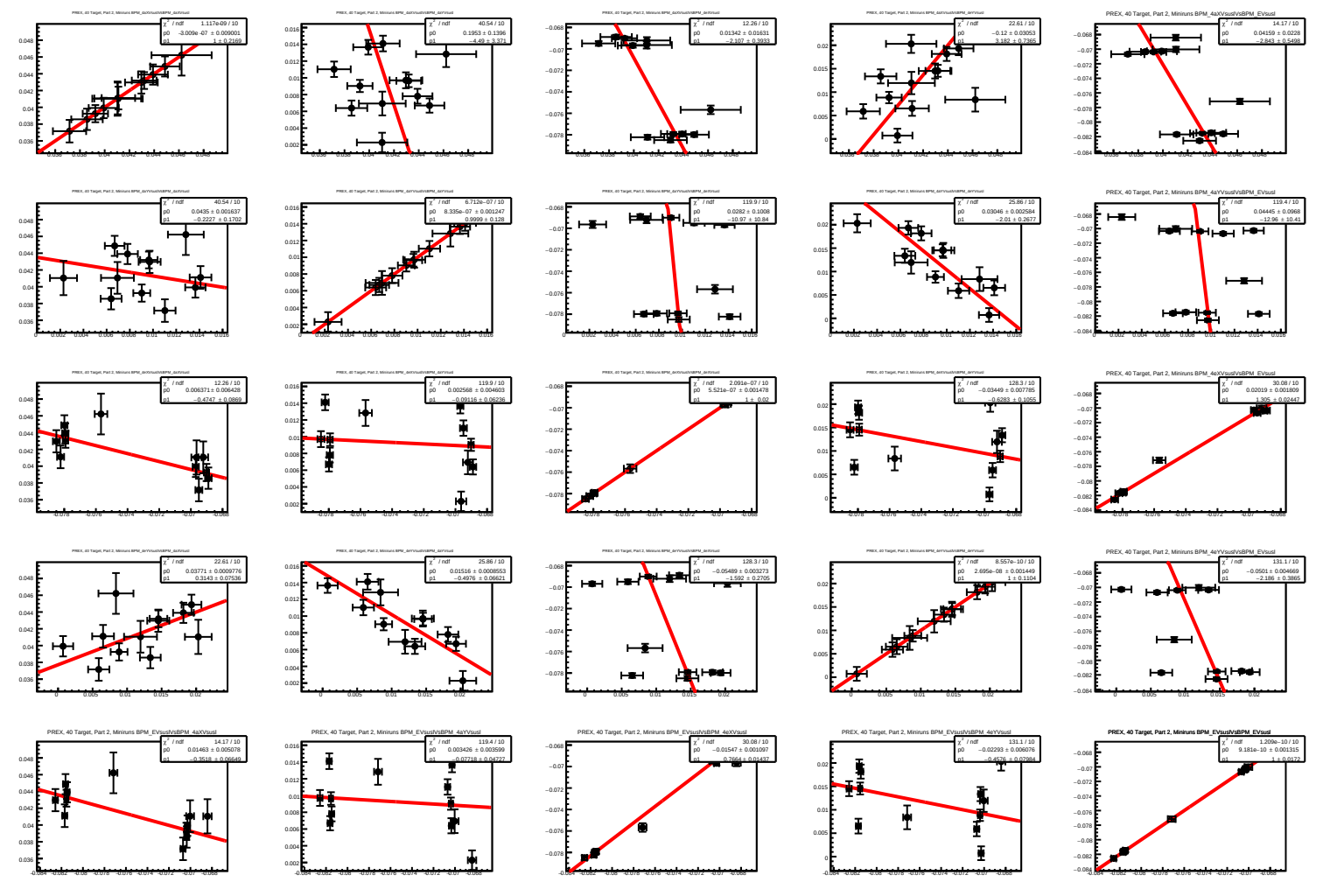

PREX, 40 Target, Part 2, Minirunsβ BPM_EVsavgVsBPM_4aYVsavg
χ² / ndf 46.67 / 10
p0 0.006189 ± 0.002165
p1 −0.04437 ± 0.0097

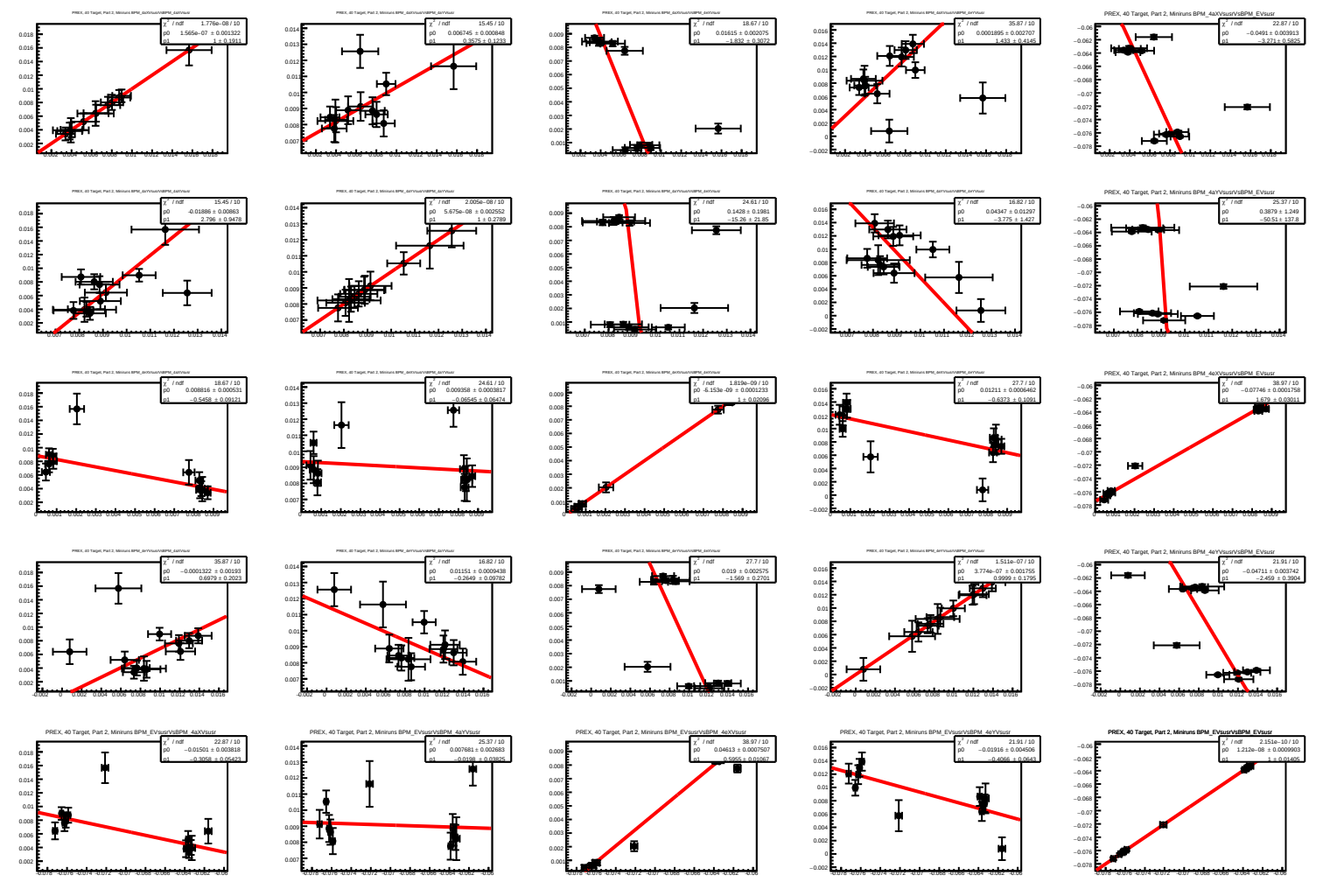

PREX, 40 Target, Part 2, Minirunsβ BPM_EVsavgVsBPM_4aXVsavg
χ² / ndf 63.03 / 10
p0 0.0152 ± 0.0006298
p1 0.6278 ± 0.03815


PREX, 40 Target, Part 2, Minirunsβ BPM_EVsavgVsBPM_4aYVsavg
χ² / ndf 53.69 / 10
p0 −0.02059 ± 0.003644
p1 −0.4291 ± 0.05602

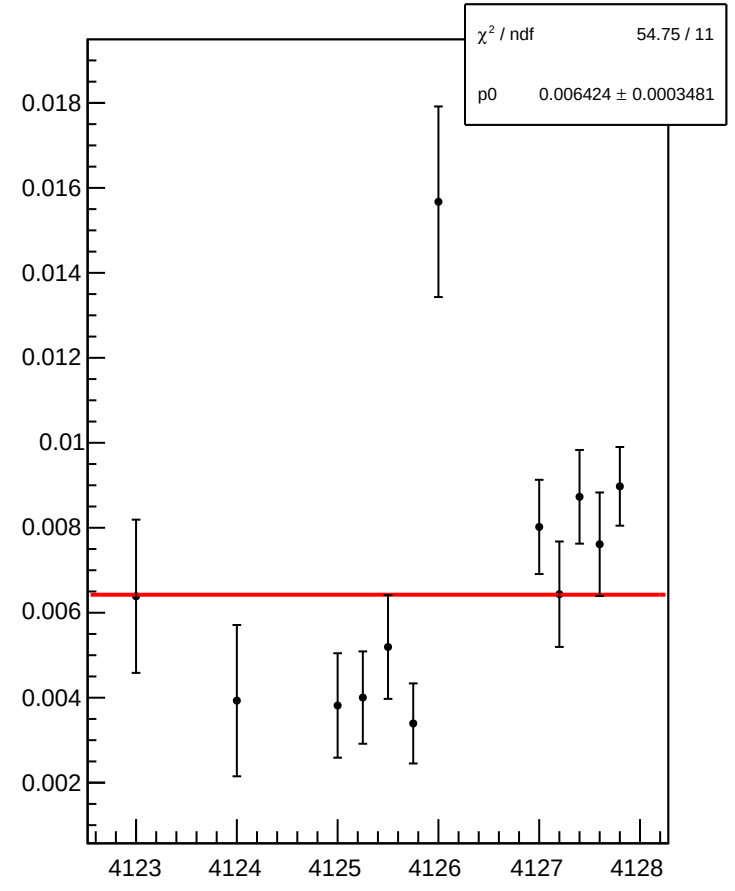

PREX, 40 Target, Part 2, Minirunsβ BPM_EVsavgVsBPM_EVsavg
χ² / ndf 7.143e−08 / 10
p0 1.369e−07 ± 0.0007985
p1 1 ± 0.0109


PREX, 40 Target, Part 2, Mininuns BPM_4aXVsddVsBPM_4aXVsdd
χ² / ndf 4.929e-08 / 10
p0 -4.935e-06 ± 0.008725
p1 1 ± 0.5084
PREX, 40 Target, Part 2, Mininuns BPM_4aXVsddVsBPM_4aYVsdd
χ² / ndf 7.54 / 10
p0 0.437 ± 0.09806
p1 -25.46 ± 5.718
PREX, 40 Target, Part 2, Mininuns BPM_4aXVsddVsBPM_4eXVsdd
χ² / ndf 6.138 / 10
p0 -0.01418 ± 0.02496
p1 -1.384 ± 1.455
PREX, 40 Target, Part 2, Mininuns BPM_4aXVsddVsBPM_4eYVsdd
χ² / ndf 7.551 / 10
p0 -0.8297 ± 1.029
p1 48.45 ± 60
PREX, 40 Target, Part 2, Mininuns BPM_4aXVsddVsBPM_EVsdd
χ² / ndf 8.535 / 10
p0 0.0003029 ± 0.005352
p1 -0.1856 ± 0.3122
PREX, 40 Target, Part 2, Mininuns BPM_4aYVsddVsBPM_4aXVsdd
χ² / ndf 7.54 / 10
p0 0.01717 ± 0.0002538
p1 -0.03914 ± 0.1678
PREX, 40 Target, Part 2, Mininuns BPM_4aYVsddVsBPM_4aYVsdd
χ² / ndf 3.984e-13 / 10
p0 1.547e-10 ± 0.0002491
p1 1 ± 0.1438
PREX, 40 Target, Part 2, Mininuns BPM_4aYVsddVsBPM_4eXVsdd
χ² / ndf 78.37 / 10
p0 -0.03776 ± 7.926e-05
p1 -0.3474 ± 0.00247
PREX, 40 Target, Part 2, Mininuns BPM_4aYVsddVsBPM_4eYVsdd
χ² / ndf 1.153 / 10
p0 0.001962 ± 0.0004175
p1 -1.674 ± 0.2418
PREX, 40 Target, Part 2, Mininuns BPM_4aYVsddVsBPM_EVsdd
χ² / ndf 7.689 / 10
p0 -0.002864 ± 4.681e-05
p1 -0.01692 ± 0.03138
PREX, 40 Target, Part 2, Mininuns BPM_4eXVsddVsBPM_4aXVsdd
χ² / ndf 6.138 / 10
p0 -0.01025 ± 0.0229
p1 -0.7228 ± 0.6041
PREX, 40 Target, Part 2, Mininuns BPM_4eXVsddVsBPM_4aYVsdd
χ² / ndf 78.37 / 10
p0 -0.1087 ± 0.02996
p1 -2.879 ± 0.7907
PREX, 40 Target, Part 2, Mininuns BPM_4eXVsddVsBPM_4eXVsdd
χ² / ndf 2.007e-10 / 10
p0 7.146e-08 ± 0.005078
p1 1 ± 0.134
PREX, 40 Target, Part 2, Mininuns BPM_4eXVsddVsBPM_4eYVsdd
χ² / ndf 89.81 / 10
p0 0.1425 ± 0.04846
p1 3.726 ± 1.279
PREX, 40 Target, Part 2, Mininuns BPM_4eXVsddVsBPM_EVsdd
χ² / ndf 5.479 / 10
p0 -0.009399 ± 0.004185
p1 -0.1722 ± 0.1104
PREX, 40 Target, Part 2, Mininuns BPM_4eYVsddVsBPM_4aXVsdd
χ² / ndf 7.551 / 10
p0 0.01712 ± 0.0002731
p1 0.02072 ± 0.09877
PREX, 40 Target, Part 2, Mininuns BPM_4eYVsddVsBPM_4aYVsdd
χ² / ndf 1.153 / 10
p0 0.001173 ± 0.000272
p1 -0.5975 ± 0.08632
PREX, 40 Target, Part 2, Mininuns BPM_4eYVsddVsBPM_4eXVsdd
χ² / ndf 97.28 / 10
p0 39.6 ± 130.9
p1 -2.856e+04 ± 9.43e+04
PREX, 40 Target, Part 2, Mininuns BPM_4eYVsddVsBPM_4eYVsdd
χ² / ndf 2.844e-07 / 10
p0 2.122e-07 ± 0.0004554
p1 1 ± 0.1434
PREX, 40 Target, Part 2, Mininuns BPM_4eYVsddVsBPM_EVsdd
χ² / ndf 7.187 / 10
p0 -0.002891 ± 5.002e-05
p1 0.0164 ± 0.01849
PREX, 40 Target, Part 2, Mininuns BPM_EVsddVsBPM_4aXVsdd
χ² / ndf 6.535 / 10
p0 0.001633 ± 0.02193
p1 -5.389 ± 7.821
PREX, 40 Target, Part 2, Mininuns BPM_EVsddVsBPM_4aYVsdd
χ² / ndf 7.689 / 10
p0 -0.1692 ± 0.5071
p1 -59.1 ± 176.6
PREX, 40 Target, Part 2, Mininuns BPM_EVsddVsBPM_4eXVsdd
χ² / ndf 5.479 / 10
p0 -0.05459 ± 0.01103
p1 -5.808 ± 2.842
PREX, 40 Target, Part 2, Mininuns BPM_EVsddVsBPM_4eYVsdd
χ² / ndf 7.187 / 10
p0 0.1762 ± 0.1781
p1 60.94 ± 63.02
PREX, 40 Target, Part 2, Mininuns BPM_EVsddVsBPM_EVsdd
χ² / ndf 1.178e-07 / 10
p0 2.623e-07 ± 0.001435
p1 1 ± 0.4997

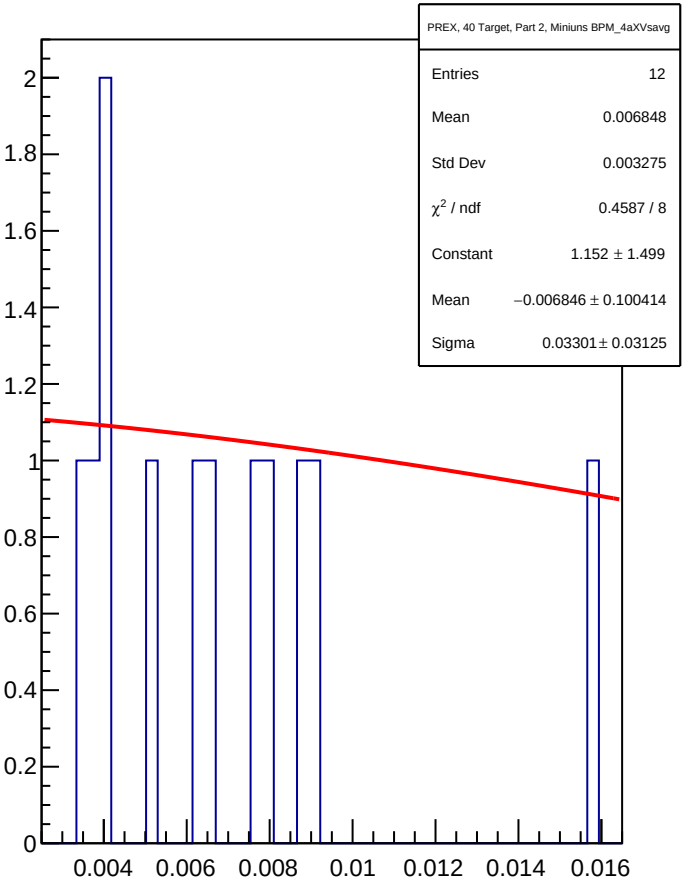


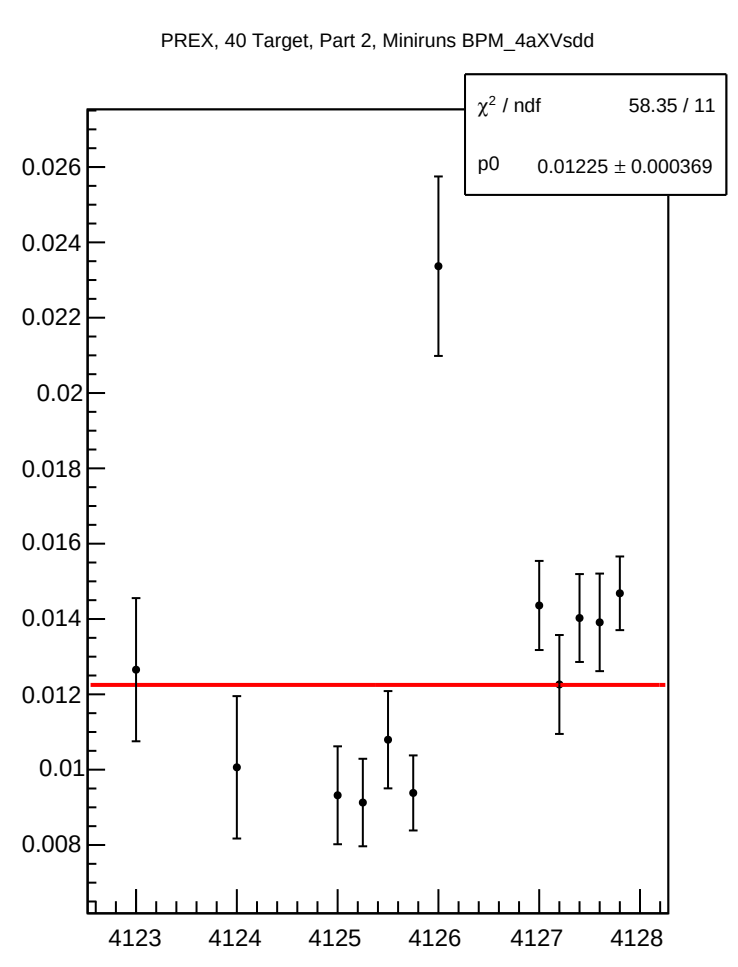


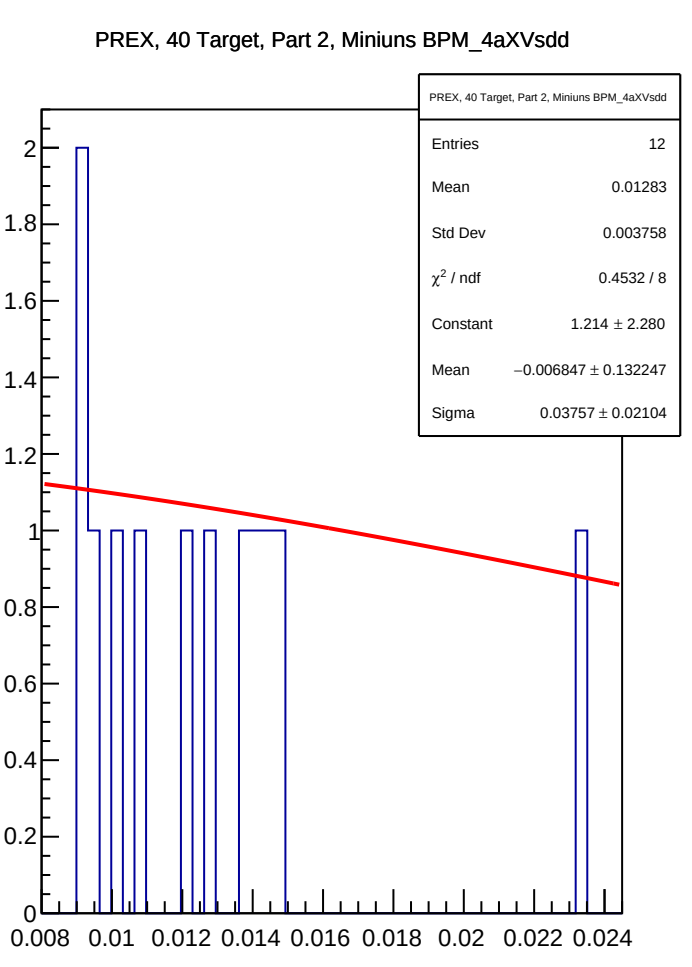
PREX, 40 Target, Part 2, Miniruns BPM_4aXVsavg

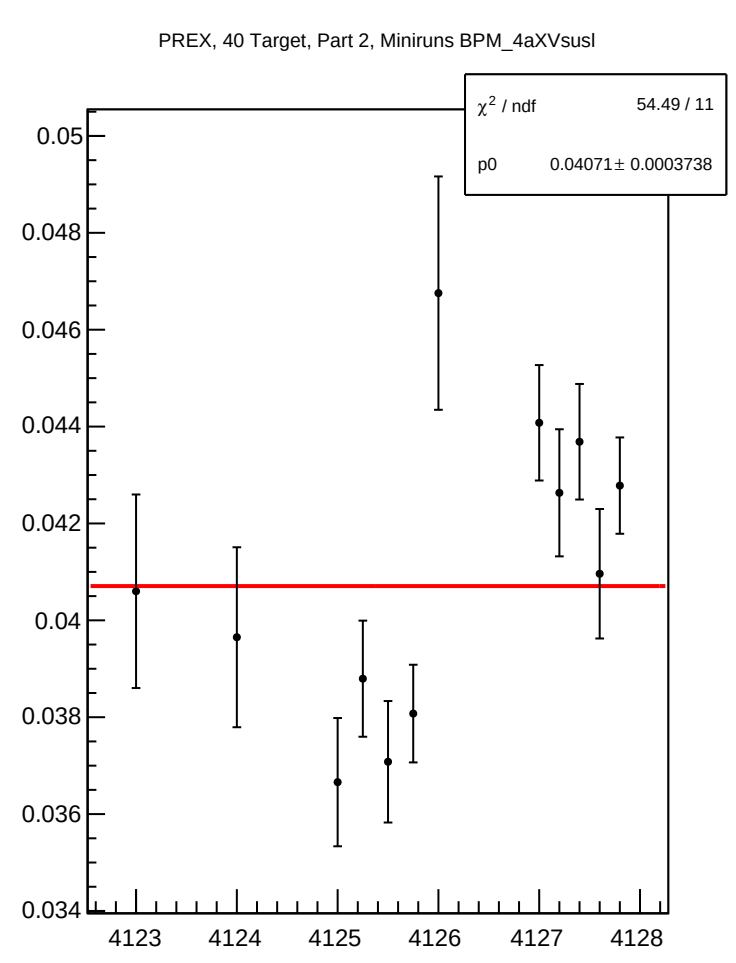


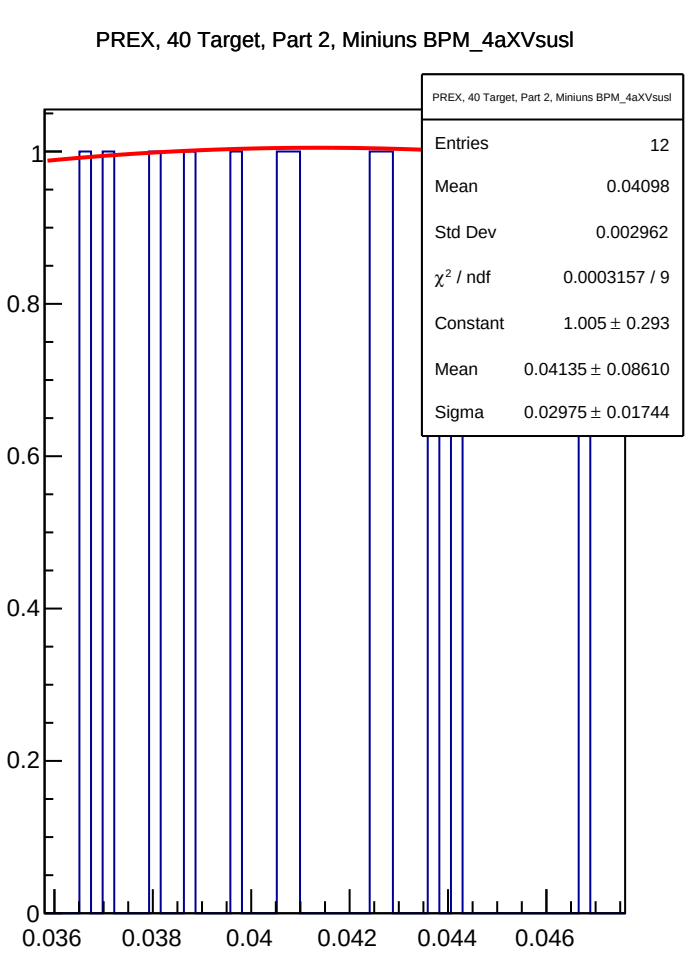
PREX, 40 Target, Part 2, Miniuns BPM_4aXVsavg

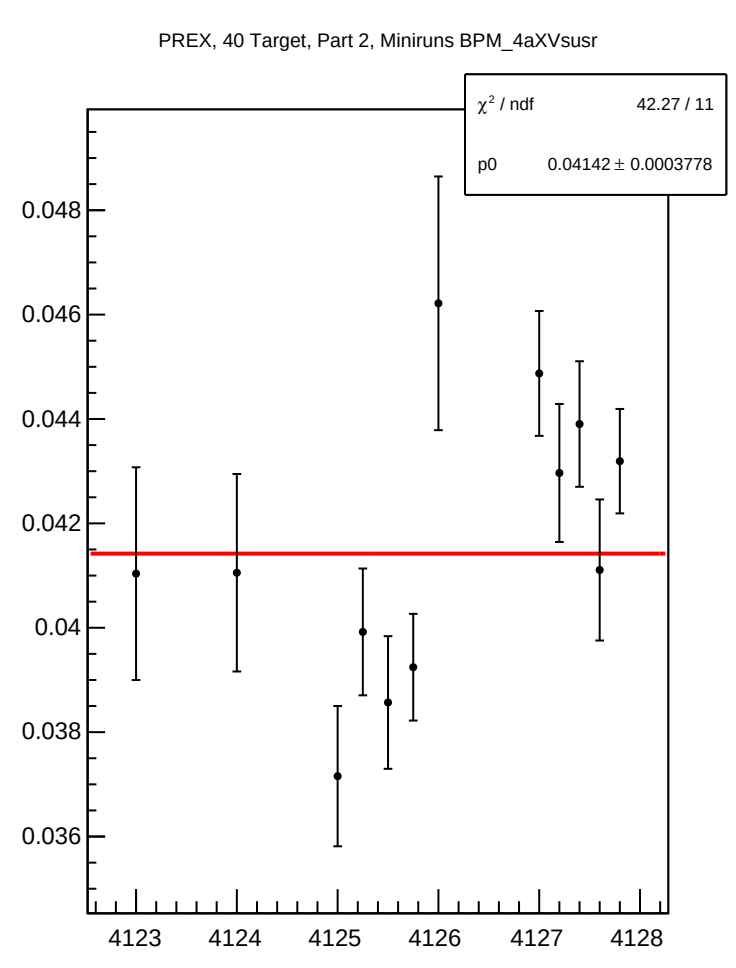


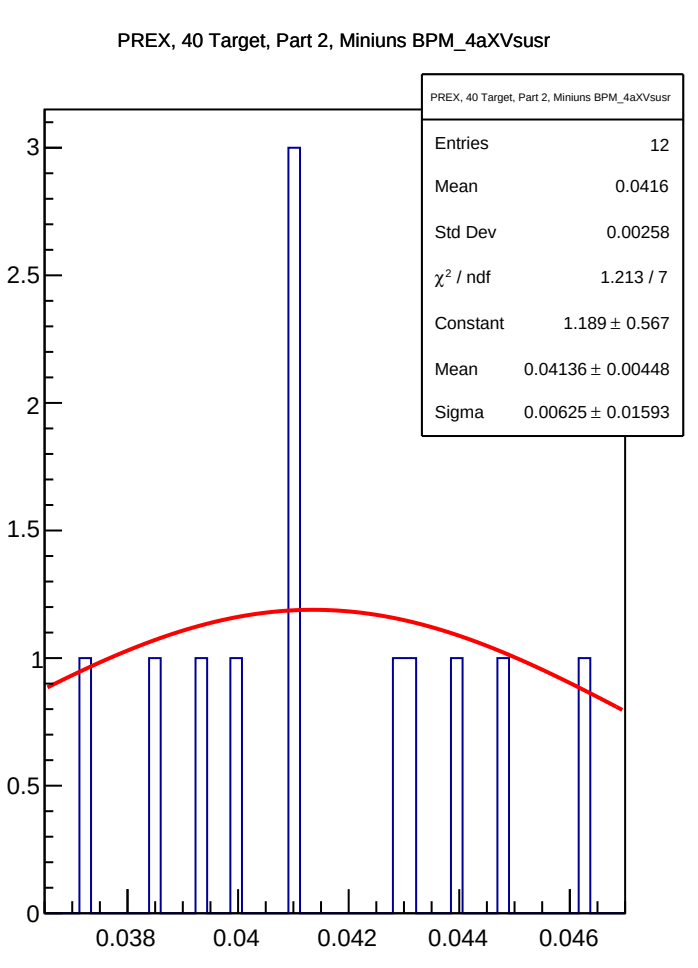

PREX, 40 Target, Part 2, Miniruns BPM_4aXVsdd
χ² / ndf 58.35 / 11
p0 0.01225 ± 0.000369
0.026
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
4123
4124
4125
4126
4127
4128

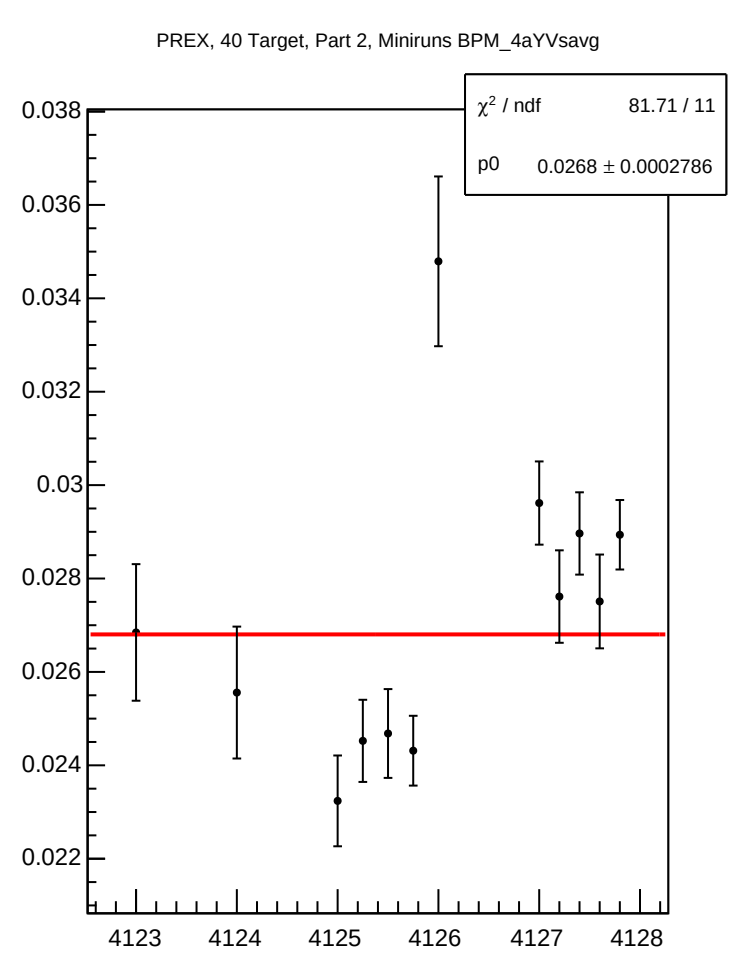

PREX, 40 Target, Part 2, Miniuns BPM_4aXVsdd
PREX, 40 Target, Part 2, Miniuns BPM_4aXVsdd
Entries 12
Mean 0.01283
Std Dev 0.003758
χ² / ndf 0.4532 / 8
Constant 1.214 ± 2.280
Mean −0.006847 ± 0.132247
Sigma 0.03757 ± 0.02104
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.008
0.01
0.012
0.014
0.016
0.018
0.02
0.022
0.024

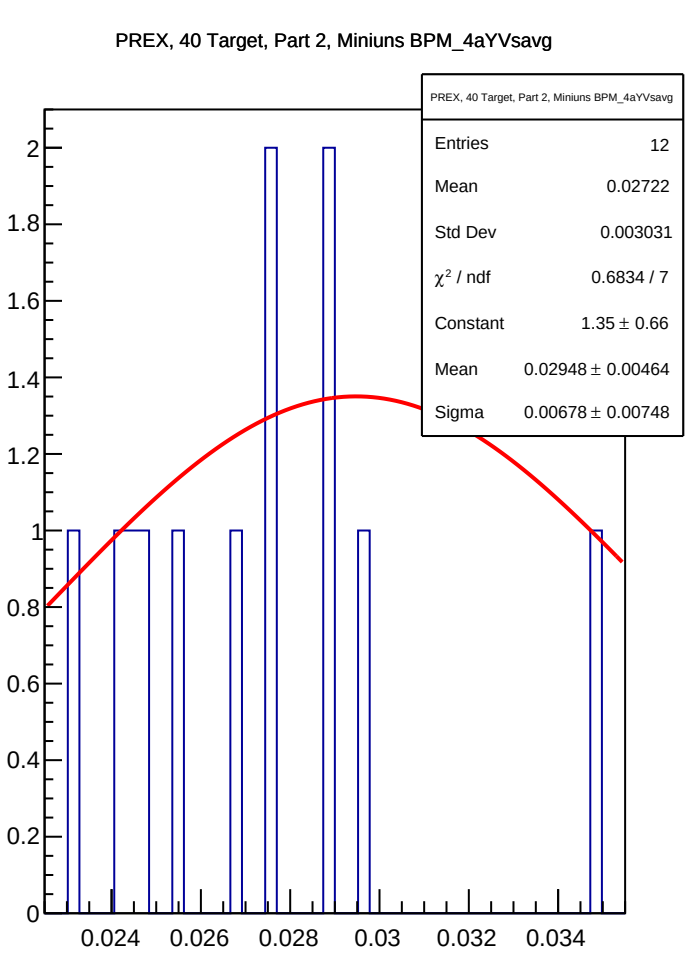

PREX, 40 Target, Part 2, Miniruns BPM_4aXVsusl
χ² / ndf 54.49 / 11
p0 0.04071 ± 0.0003738
0.05
0.048
0.046
0.044
0.042
0.04
0.038
0.036
0.034
4123
4124
4125
4126
4127
4128

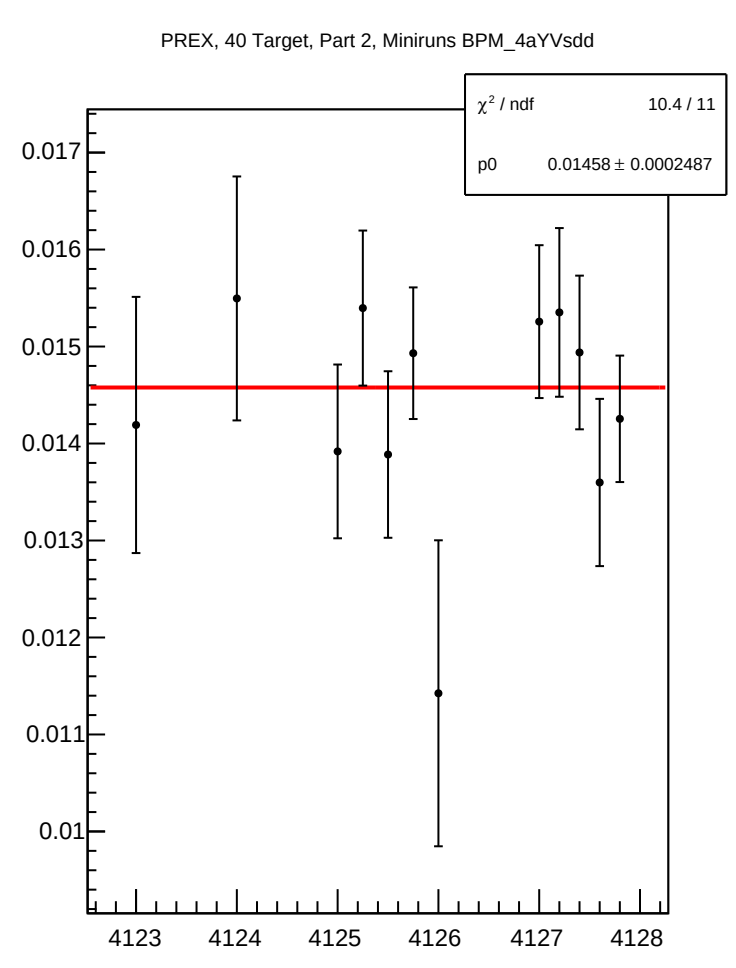

PREX, 40 Target, Part 2, Miniuns BPM_4aXVsusl
PREX, 40 Target, Part 2, Miniuns BPM_4aXVsusl
Entries 12
Mean 0.04098
Std Dev 0.002962
χ² / ndf 0.0003157 / 9
Constant 1.005 ± 0.293
Mean 0.04135 ± 0.08610
Sigma 0.02975 ± 0.01744
1
0.8
0.6
0.4
0.2
0
0.036
0.038
0.04
0.042
0.044
0.046

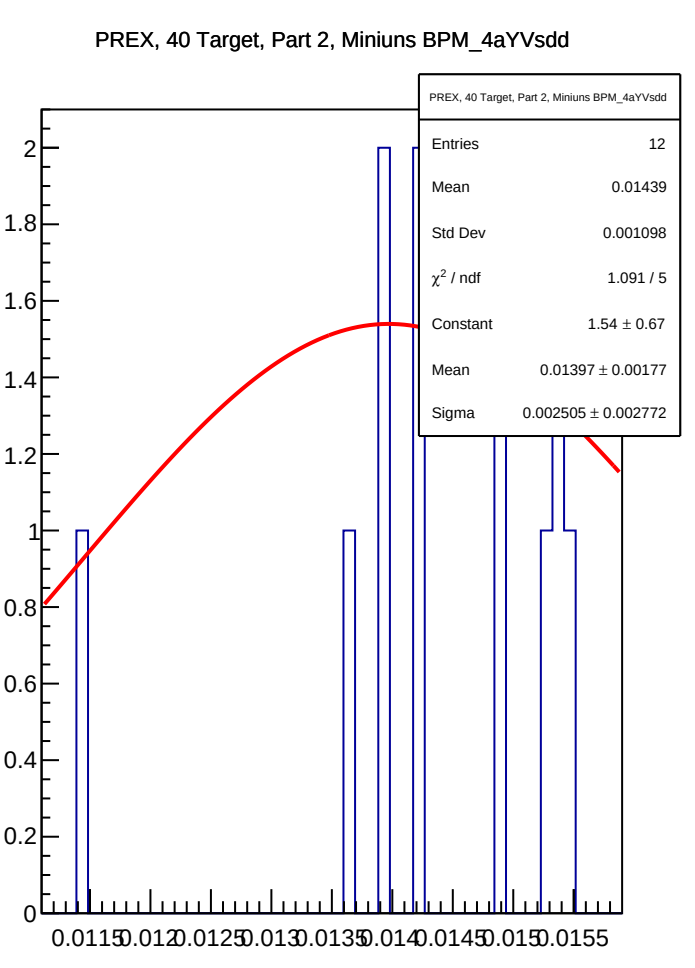

PREX, 40 Target, Part 2, Miniruns BPM_4aXVsusr
χ² / ndf 42.27 / 11
p0 0.04142 ± 0.0003778
0.048
0.046
0.044
0.042
0.04
0.038
0.036
4123
4124
4125
4126
4127
4128

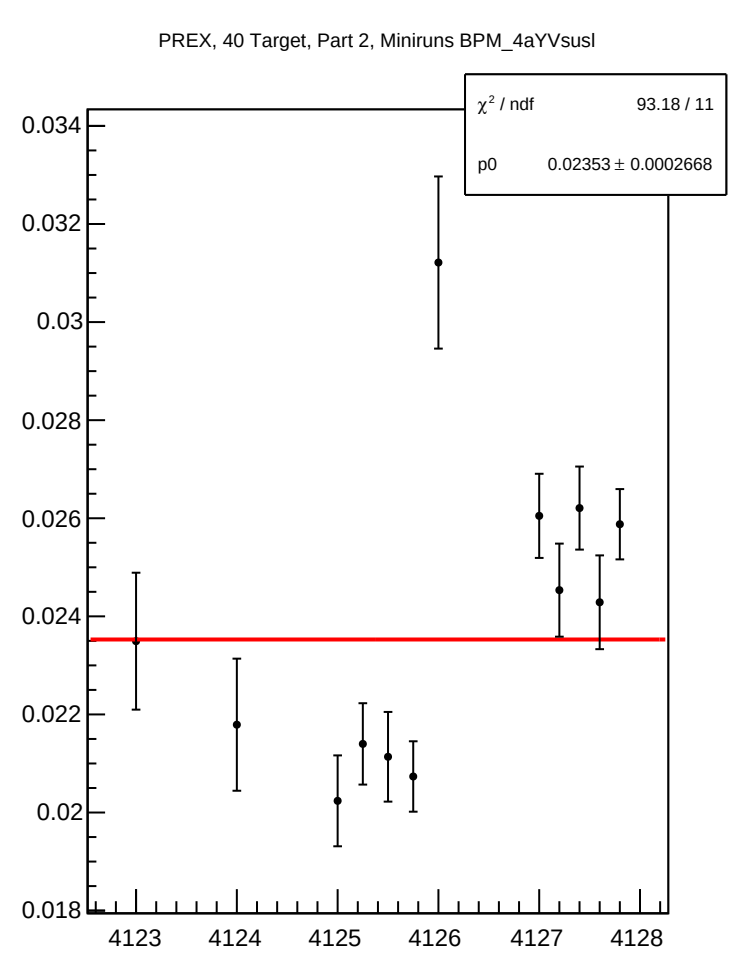

PREX, 40 Target, Part 2, Miniuns BPM_4aXVsusr
PREX, 40 Target, Part 2, Miniuns BPM_4aXVsusr
Entries 12
Mean 0.0416
Std Dev 0.00258
χ² / ndf 1.213 / 7
Constant 1.189 ± 0.567
Mean 0.04136 ± 0.00448
Sigma 0.00625 ± 0.01593
3
2.5
2
1.5
1
0.5
0
0.038
0.04
0.042
0.044
0.046

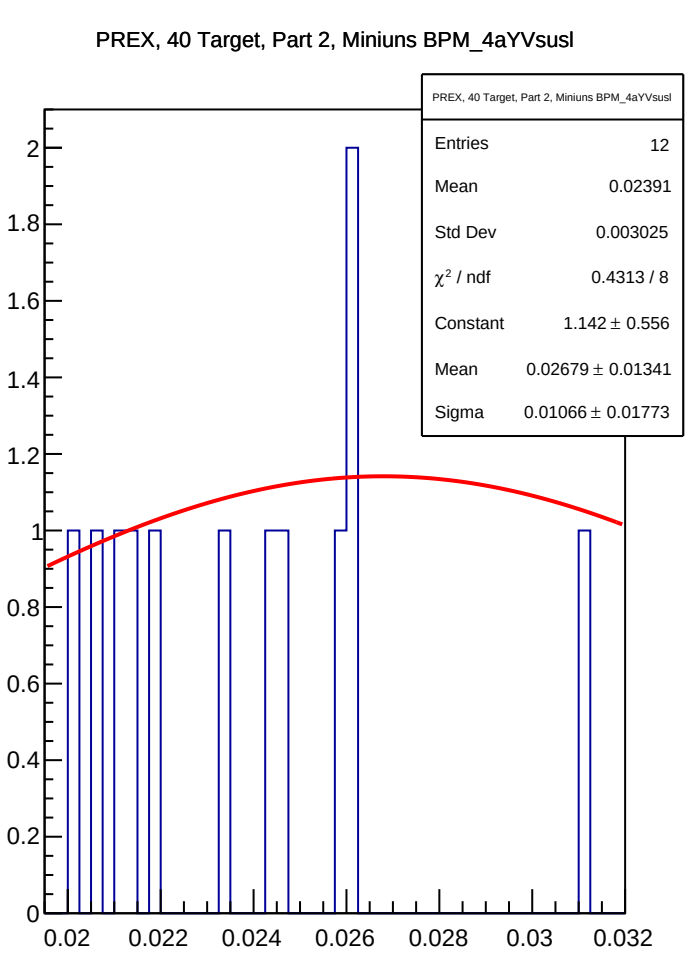

PREX, 40 Target, Part 2, Miniruns BPM_4aYVsavg
χ² / ndf 81.71 / 11
p0 0.0268 ± 0.0002786
0.038
0.036
0.034
0.032
0.03
0.028
0.026
0.024
0.022
4123
4124
4125
4126
4127
4128

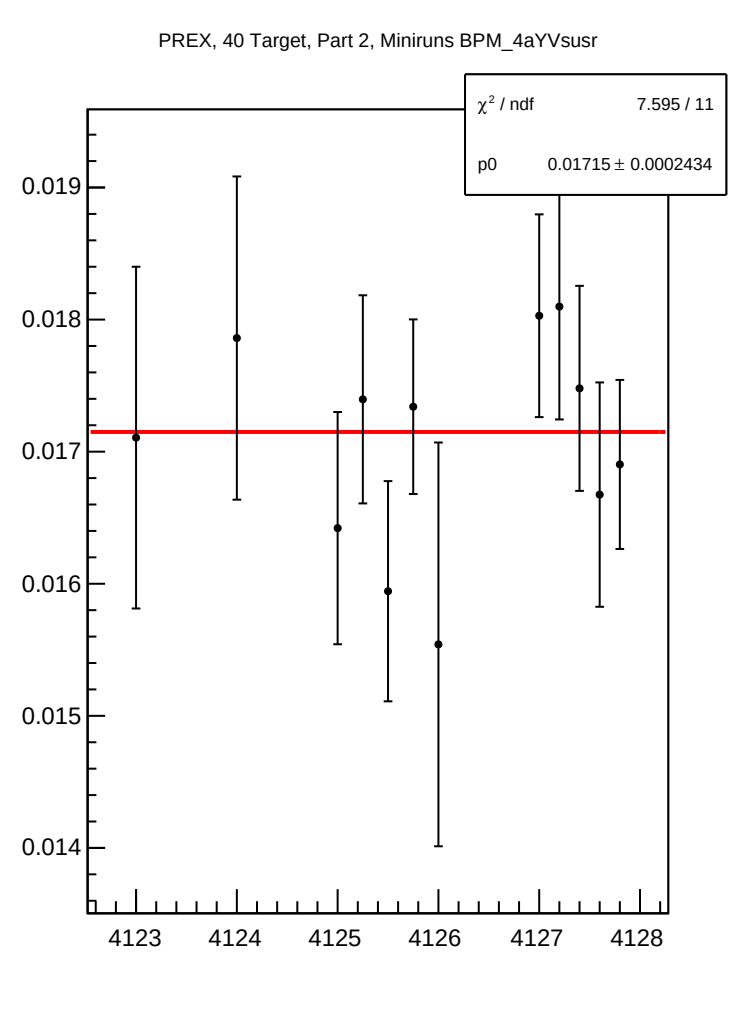

PREX, 40 Target, Part 2, Miniuns BPM_4aYVsavg
PREX, 40 Target, Part 2, Miniuns BPM_4aYVsavg
Entries 12
Mean 0.02722
Std Dev 0.003031
χ² / ndf 0.6834 / 7
Constant 1.35 ± 0.66
Mean 0.02948 ± 0.00464
Sigma 0.00678 ± 0.00748
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.024
0.026
0.028
0.03
0.032
0.034

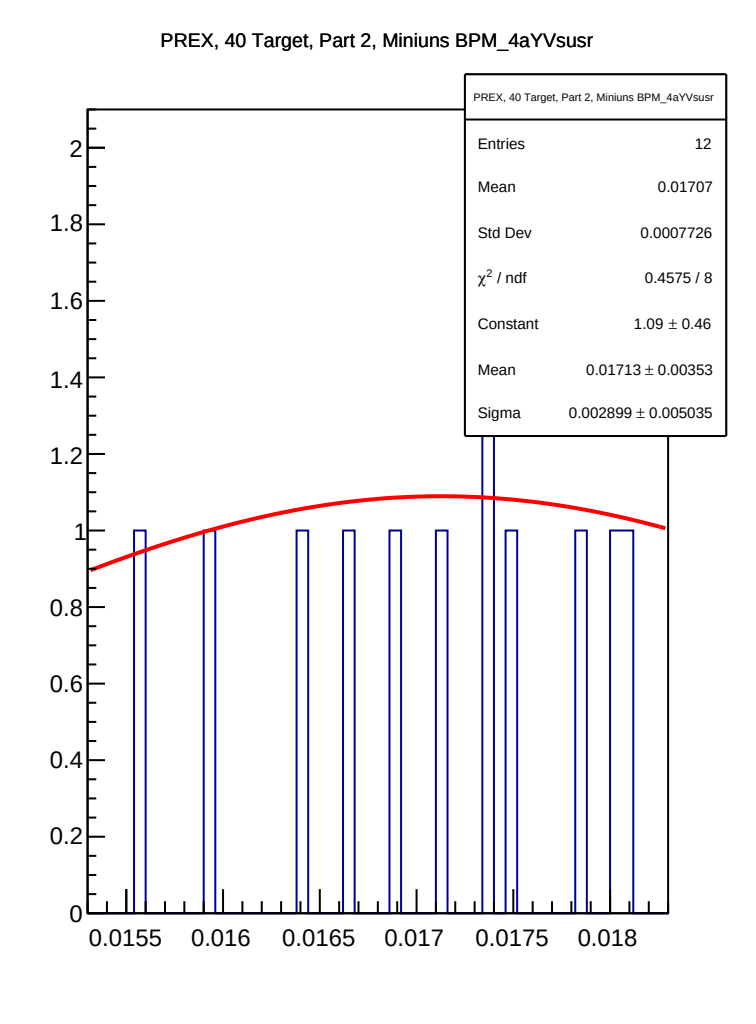

PREX, 40 Target, Part 2, Miniruns BPM_4aYVsdd
χ² / ndf 10.4 / 11
p0 0.01458 ± 0.0002487
0.017
0.016
0.015
0.014
0.013
0.012
0.011
0.01
4123
4124
4125
4126
4127
4128

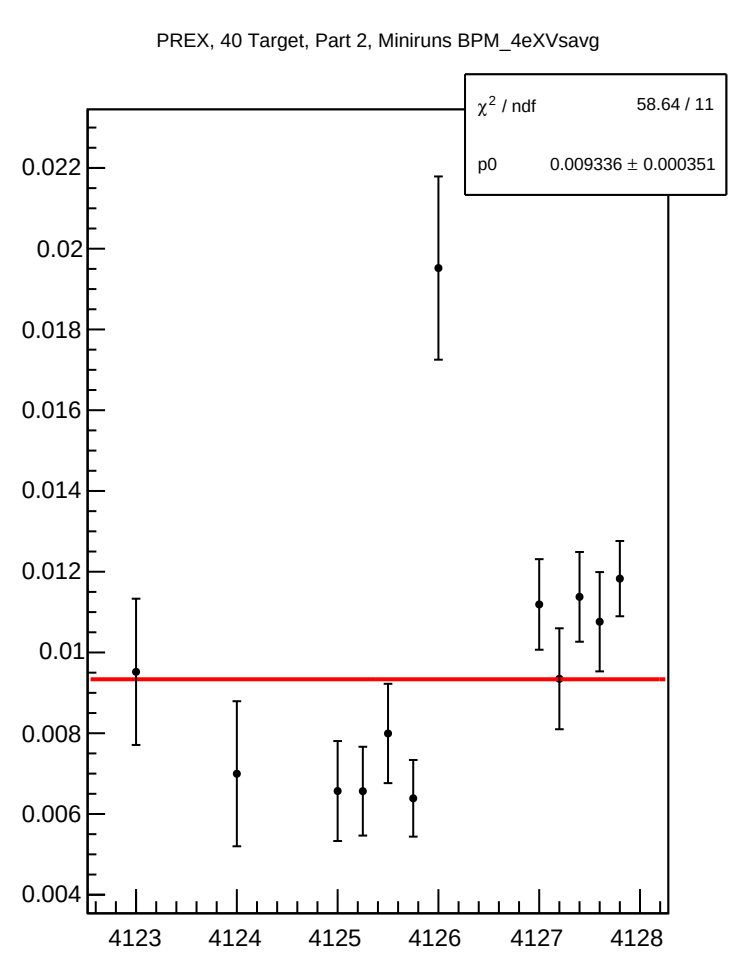

PREX, 40 Target, Part 2, Miniuns BPM_4aYVsdd
PREX, 40 Target, Part 2, Miniuns BPM_4aYVsdd
Entries 12
Mean 0.01439
Std Dev 0.001098
χ² / ndf 1.091 / 5
Constant 1.54 ± 0.67
Mean 0.01397 ± 0.00177
Sigma 0.002505 ± 0.002772
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.0115
0.012
0.0125
0.013
0.0135
0.014
0.0145
0.015
0.0155

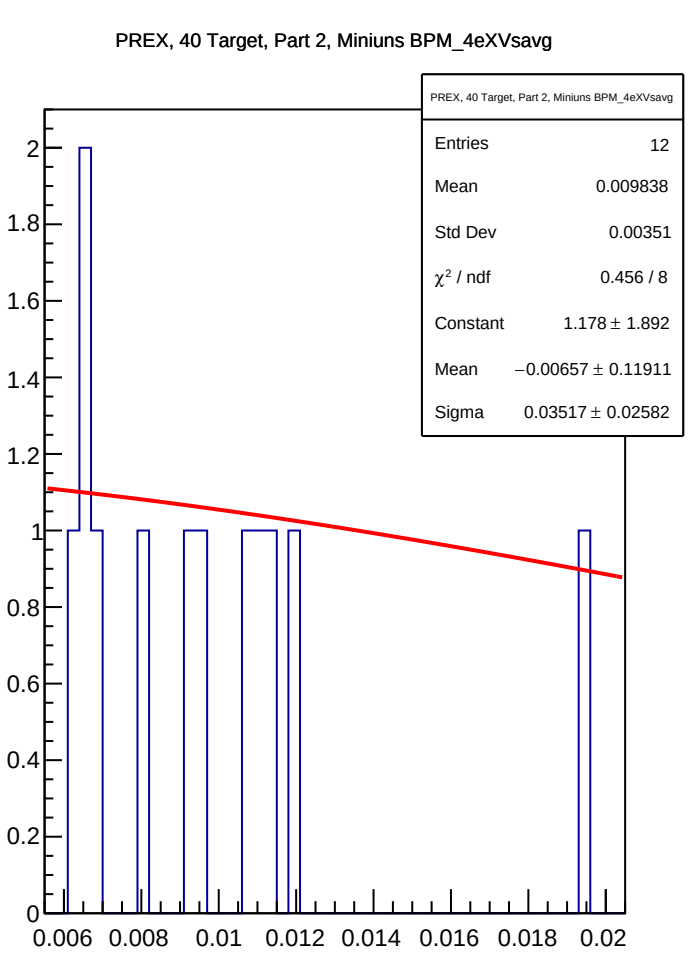

PREX, 40 Target, Part 2, Miniruns BPM_4aYVsusl
χ² / ndf 93.18 / 11
p0 0.02353 ± 0.0002668
0.034
0.032
0.03
0.028
0.026
0.024
0.022
0.02
0.018
4123
4124
4125
4126
4127
4128

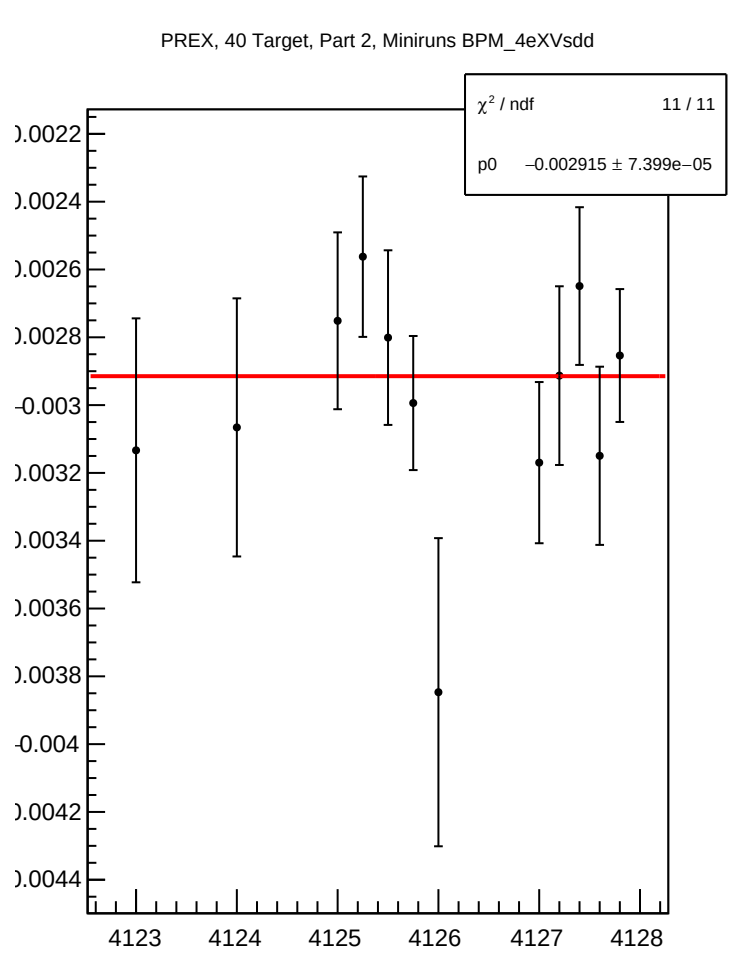

PREX, 40 Target, Part 2, Miniuns BPM_4aYVsusl
PREX, 40 Target, Part 2, Miniuns BPM_4aYVsusl
Entries 12
Mean 0.02391
Std Dev 0.003025
χ² / ndf 0.4313 / 8
Constant 1.142 ± 0.556
Mean 0.02679 ± 0.01341
Sigma 0.01066 ± 0.01773
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.02
0.022
0.024
0.026
0.028
0.03
0.032

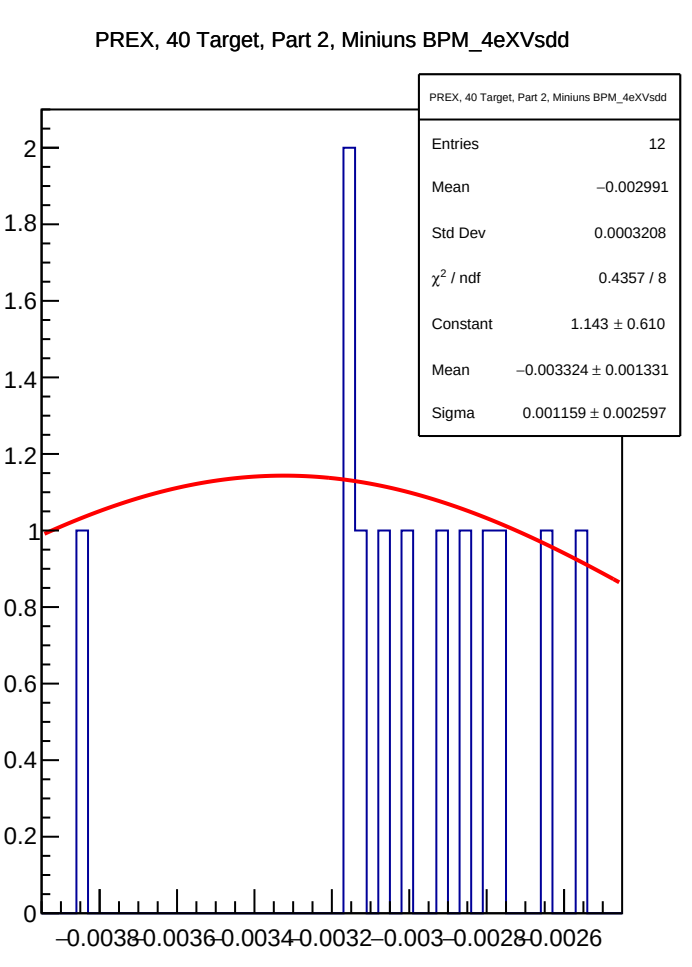

PREX, 40 Target, Part 2, Miniruns BPM_4aYVsusr
χ² / ndf 7.595 / 11
p0 0.01715 ± 0.0002434
0.019
0.018
0.017
0.016
0.015
0.014
4123
4124
4125
4126
4127
4128


PREX, 40 Target, Part 2, Miniuns BPM_4aYVsusr
PREX, 40 Target, Part 2, Miniuns BPM_4aYVsusr
Entries 12
Mean 0.01707
Std Dev 0.0007726
χ² / ndf 0.4575 / 8
Constant 1.09 ± 0.46
Mean 0.01713 ± 0.00353
Sigma 0.002899 ± 0.005035
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.0155
0.016
0.0165
0.017
0.0175
0.018

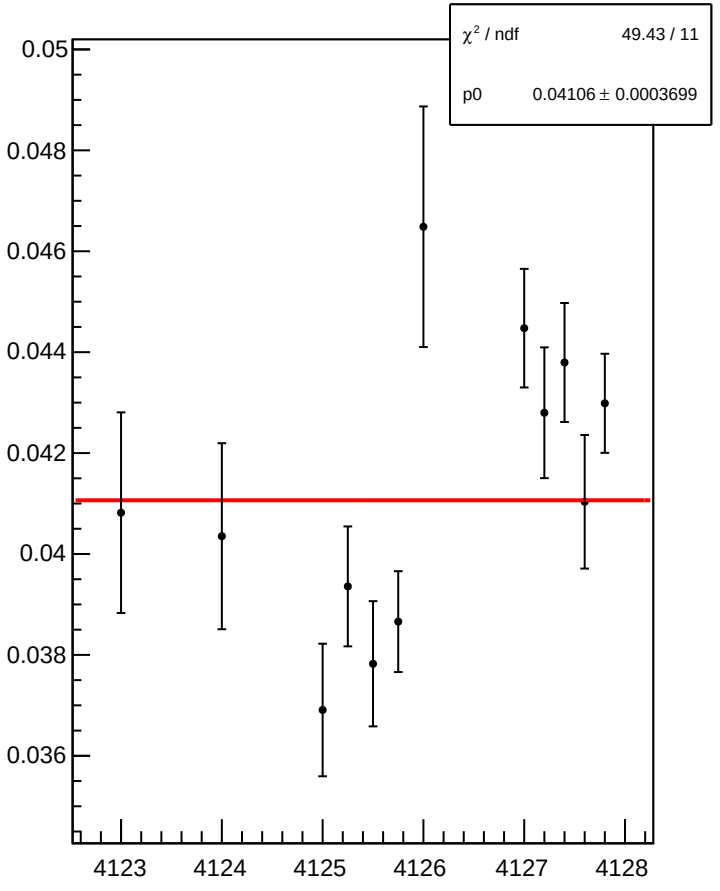

PREX, 40 Target, Part 2, Miniruns BPM_4eXVsavg
χ² / ndf 58.64 / 11
p0 0.009336 ± 0.000351
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
4123
4124
4125
4126
4127
4128


PREX, 40 Target, Part 2, Miniuns BPM_4eXVsavg
PREX, 40 Target, Part 2, Miniuns BPM_4eXVsavg
Entries 12
Mean 0.009838
Std Dev 0.00351
χ² / ndf 0.456 / 8
Constant 1.178 ± 1.892
Mean −0.00657 ± 0.11911
Sigma 0.03517 ± 0.02582
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.006
0.008
0.01
0.012
0.014
0.016
0.018
0.02

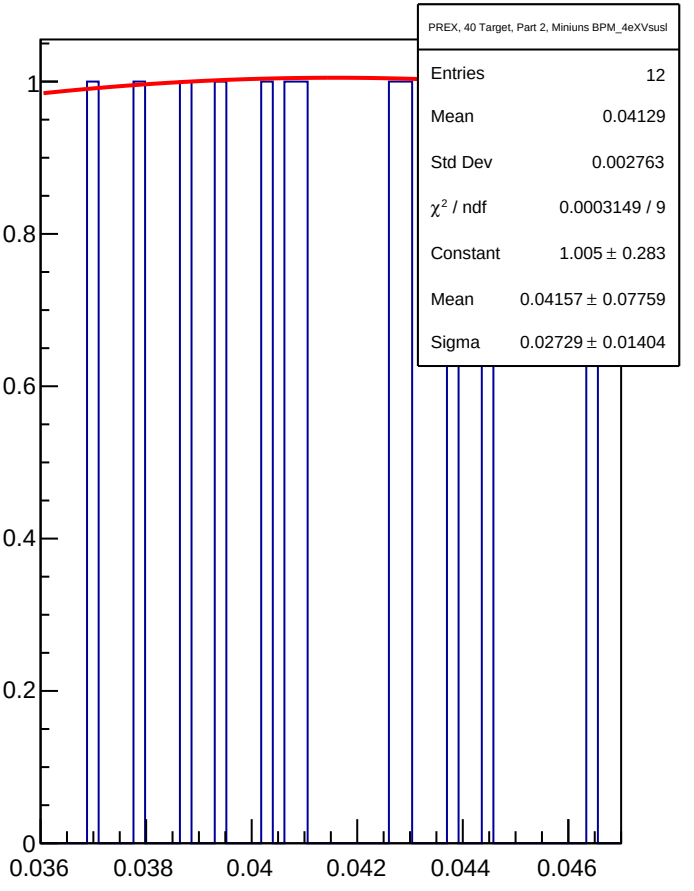

PREX, 40 Target, Part 2, Miniruns BPM_4eXVsdd
χ² / ndf 11 / 11
p0 −0.002915 ± 7.399e−05
0.0022
0.0024
0.0026
0.0028
-0.003
0.0032
0.0034
0.0036
0.0038
-0.004
0.0042
0.0044
4123
4124
4125
4126
4127
4128

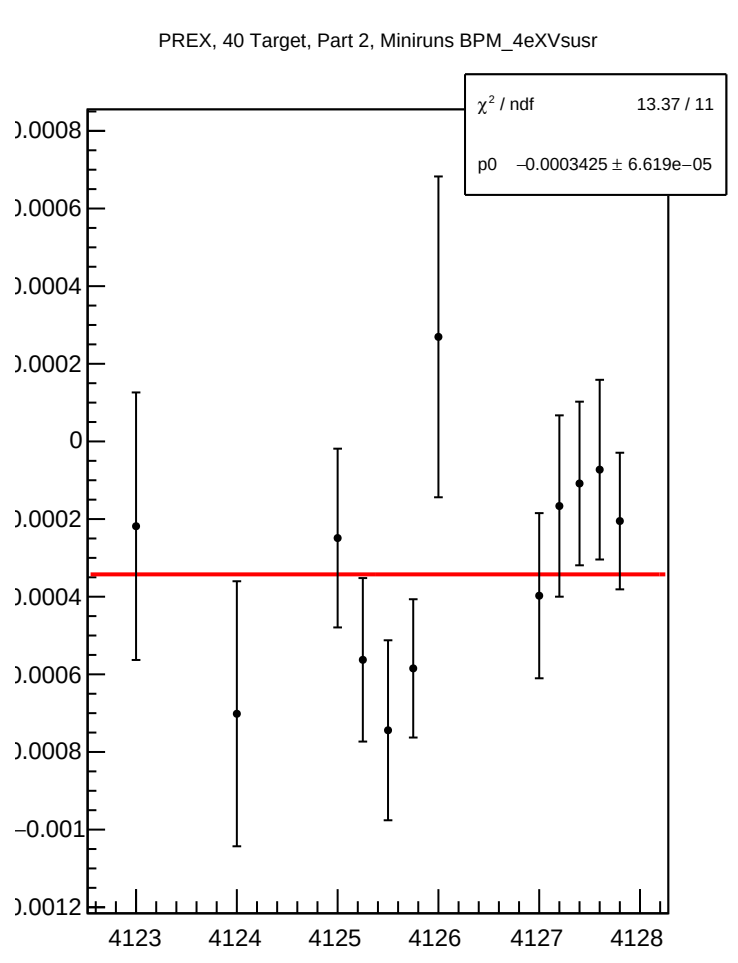

PREX, 40 Target, Part 2, Miniuns BPM_4eXVsdd
PREX, 40 Target, Part 2, Miniuns BPM_4eXVsdd
Entries 12
Mean −0.002991
Std Dev 0.0003208
χ² / ndf 0.4357 / 8
Constant 1.143 ± 0.610
Mean −0.003324 ± 0.001331
Sigma 0.001159 ± 0.002597
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.0038
−0.0036
−0.0034
−0.0032
−0.003
−0.0028
−0.0026

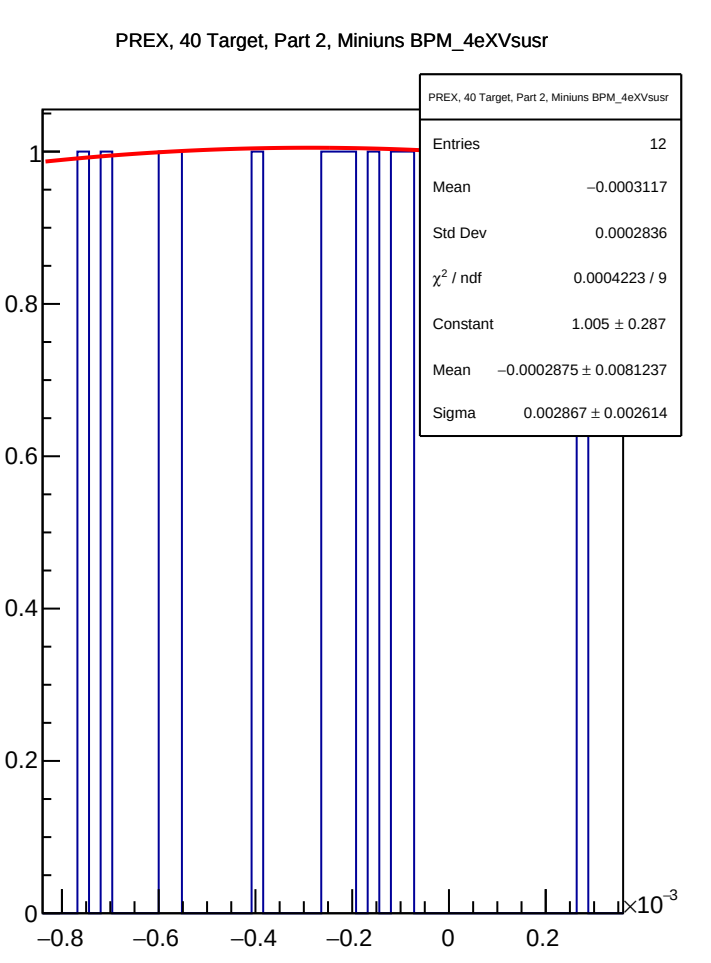
PREX, 40 Target, Part 2, Miniruns BPM_4eXVsusl

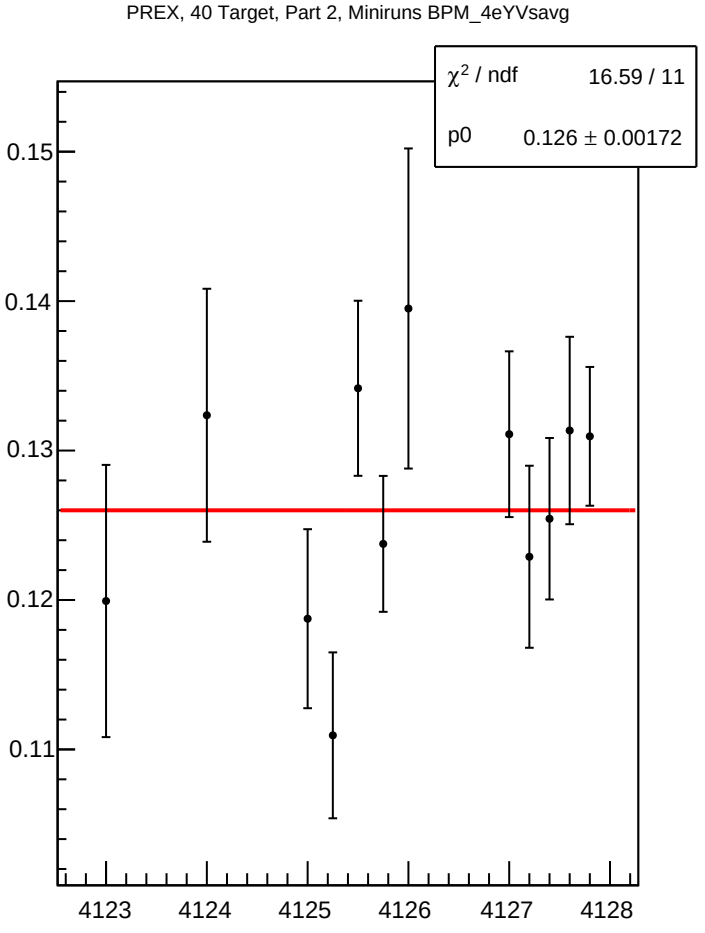


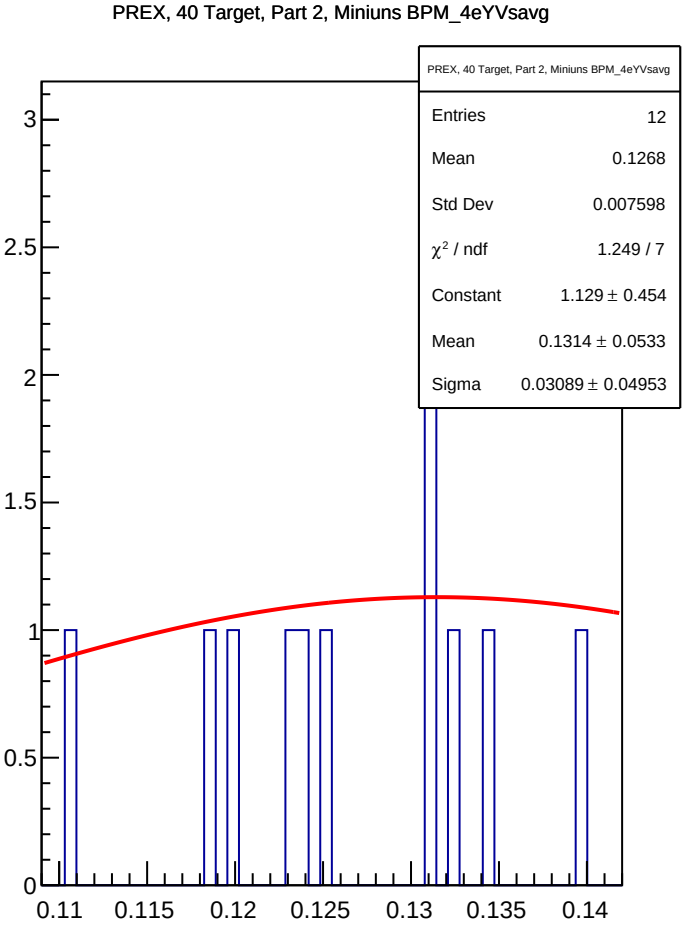
PREX, 40 Target, Part 2, Miniuns BPM_4eXVsusl

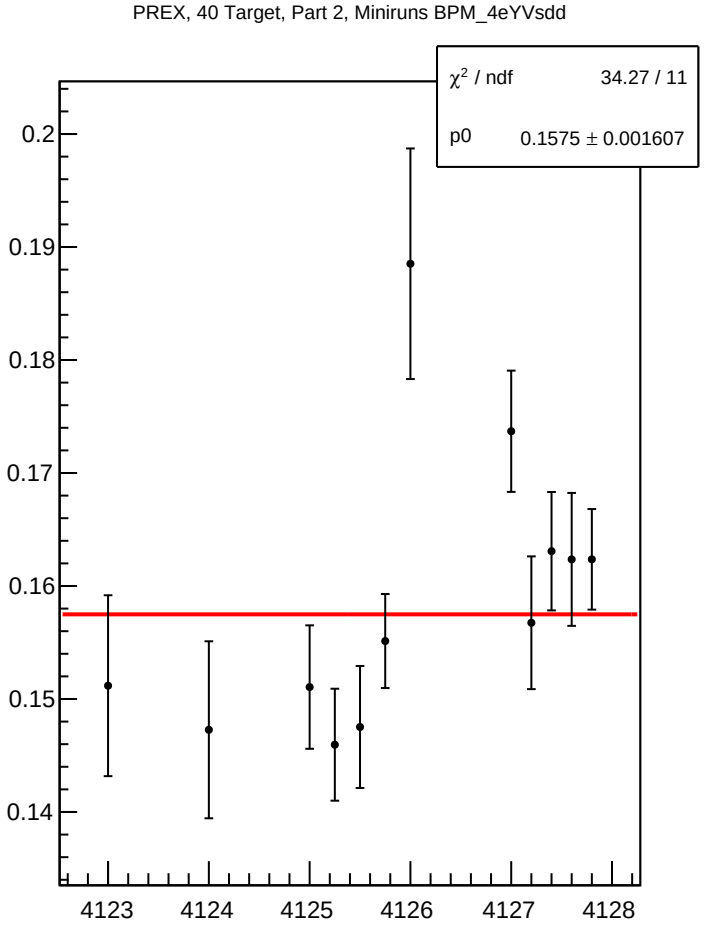


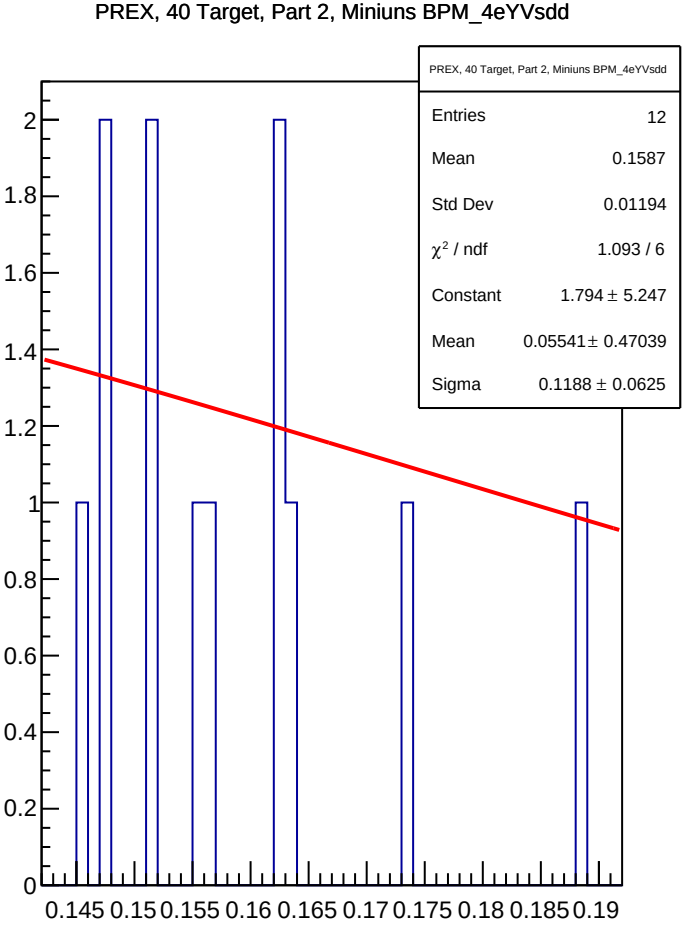

PREX, 40 Target, Part 2, Miniruns BPM_4eXVsusr
χ² / ndf 13.37 / 11
p0 −0.0003425 ± 6.619e−05
0.0008
0.0006
0.0004
0.0002
0
0.0002
0.0004
0.0006
0.0008
−0.001
0.0012
4123
4124
4125
4126
4127
4128

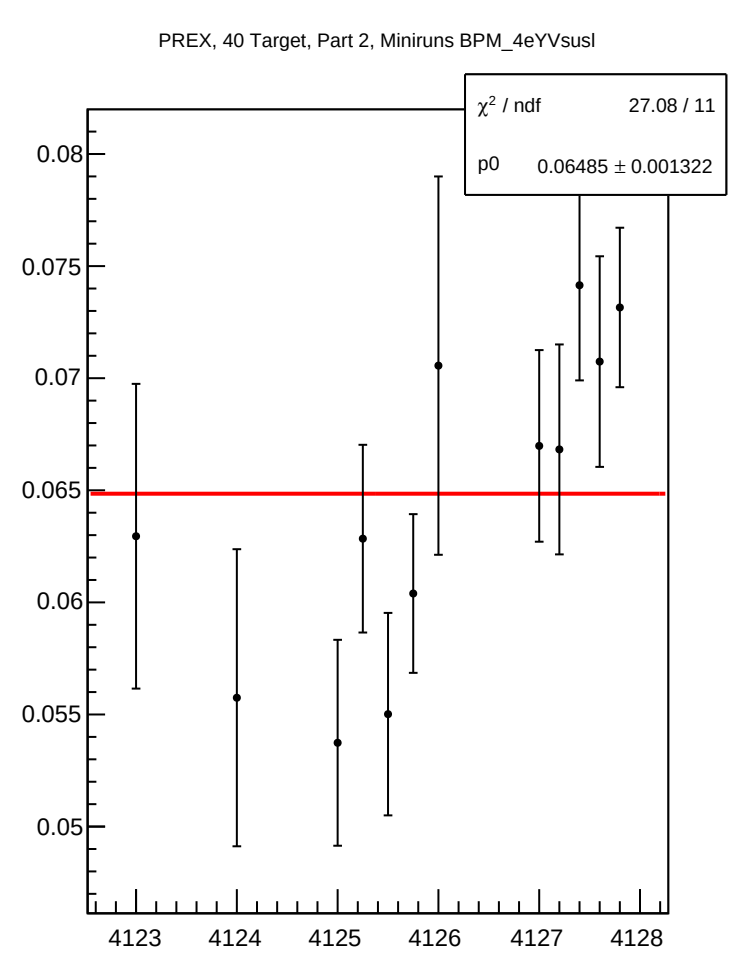

PREX, 40 Target, Part 2, Miniuns BPM_4eXVsusr
PREX, 40 Target, Part 2, Miniuns BPM_4eXVsusr
Entries 12
Mean −0.0003117
Std Dev 0.0002836
χ² / ndf 0.0004223 / 9
Constant 1.005 ± 0.287
Mean −0.0002875 ± 0.0081237
Sigma 0.002867 ± 0.002614
1
0.8
0.6
0.4
0.2
0
−0.8
−0.6
−0.4
−0.2
0
0.2
×10⁻³

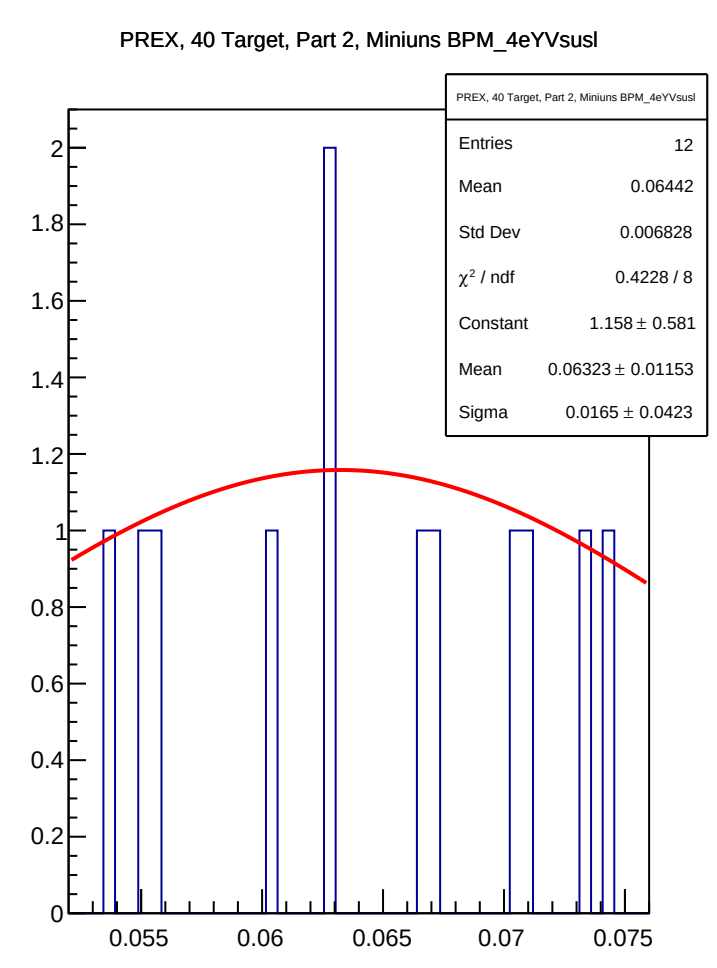

PREX, 40 Target, Part 2, Miniruns BPM_4eYVsavg
χ² / ndf 16.59 / 11
p0 0.126 ± 0.00172
0.15
0.14
0.13
0.12
0.11
4123
4124
4125
4126
4127
4128

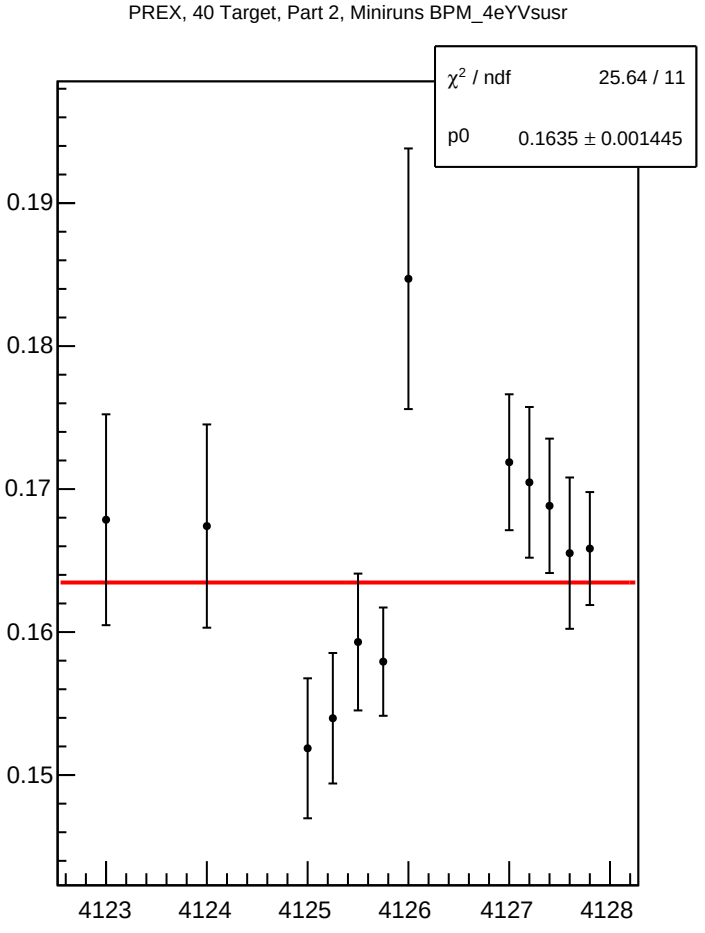

PREX, 40 Target, Part 2, Miniuns BPM_4eYVsavg
PREX, 40 Target, Part 2, Miniuns BPM_4eYVsavg
Entries 12
Mean 0.1268
Std Dev 0.007598
χ² / ndf 1.249 / 7
Constant 1.129 ± 0.454
Mean 0.1314 ± 0.0533
Sigma 0.03089 ± 0.04953
3
2.5
2
1.5
1
0.5
0
0.11
0.115
0.12
0.125
0.13
0.135
0.14

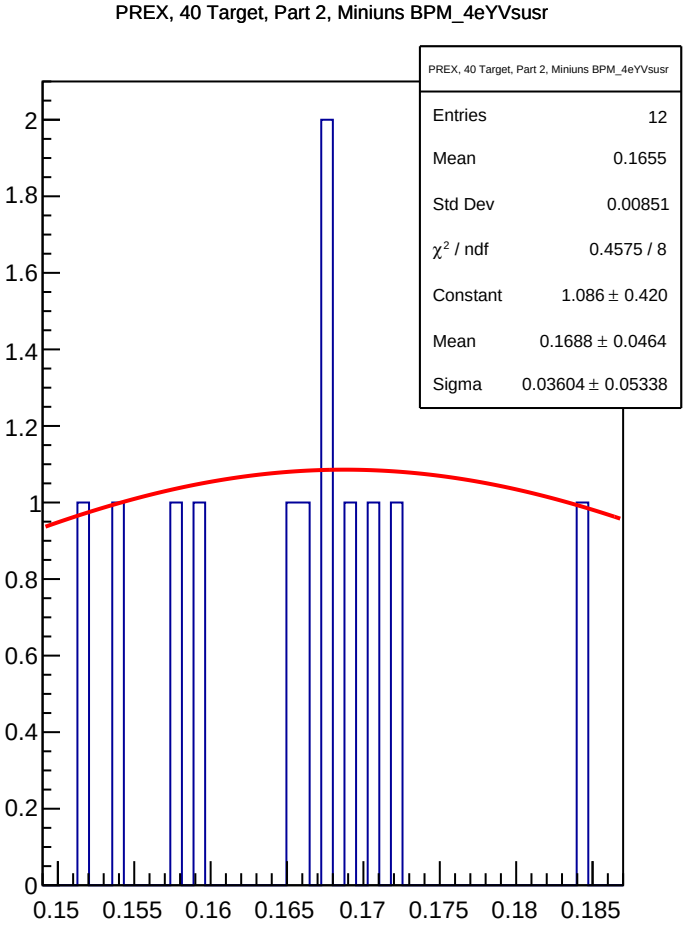

PREX, 40 Target, Part 2, Miniruns BPM_4eYVsdd
χ² / ndf 34.27 / 11
p0 0.1575 ± 0.001607
0.2
0.19
0.18
0.17
0.16
0.15
0.14
4123
4124
4125
4126
4127
4128

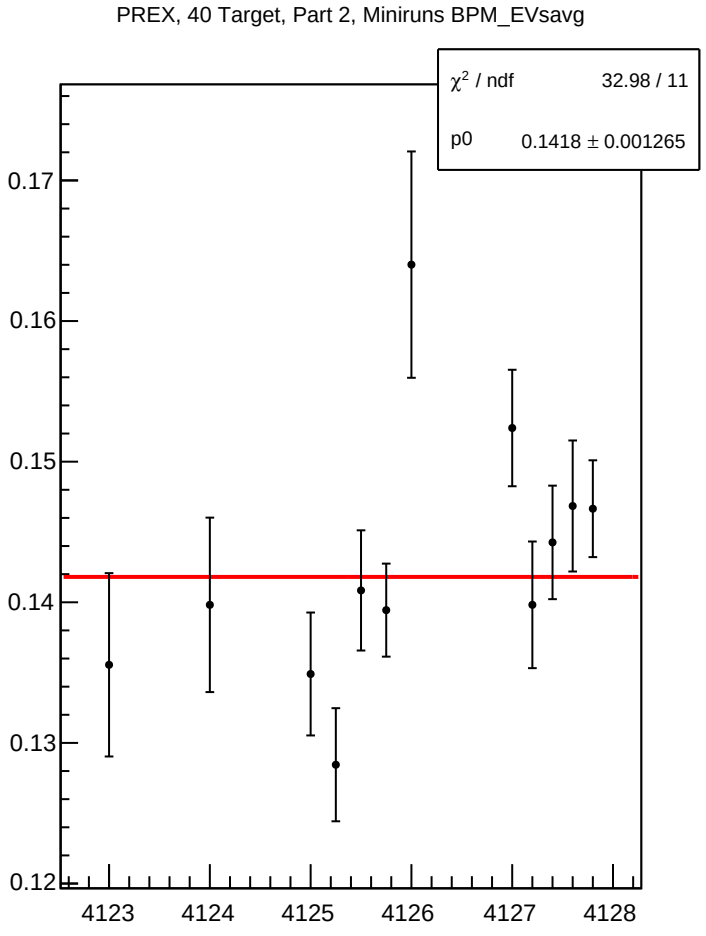

PREX, 40 Target, Part 2, Miniuns BPM_4eYVsdd
PREX, 40 Target, Part 2, Miniuns BPM_4eYVsdd
Entries 12
Mean 0.1587
Std Dev 0.01194
χ² / ndf 1.093 / 6
Constant 1.794 ± 5.247
Mean 0.05541 ± 0.47039
Sigma 0.1188 ± 0.0625
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.145
0.15
0.155
0.16
0.165
0.17
0.175
0.18
0.185
0.19

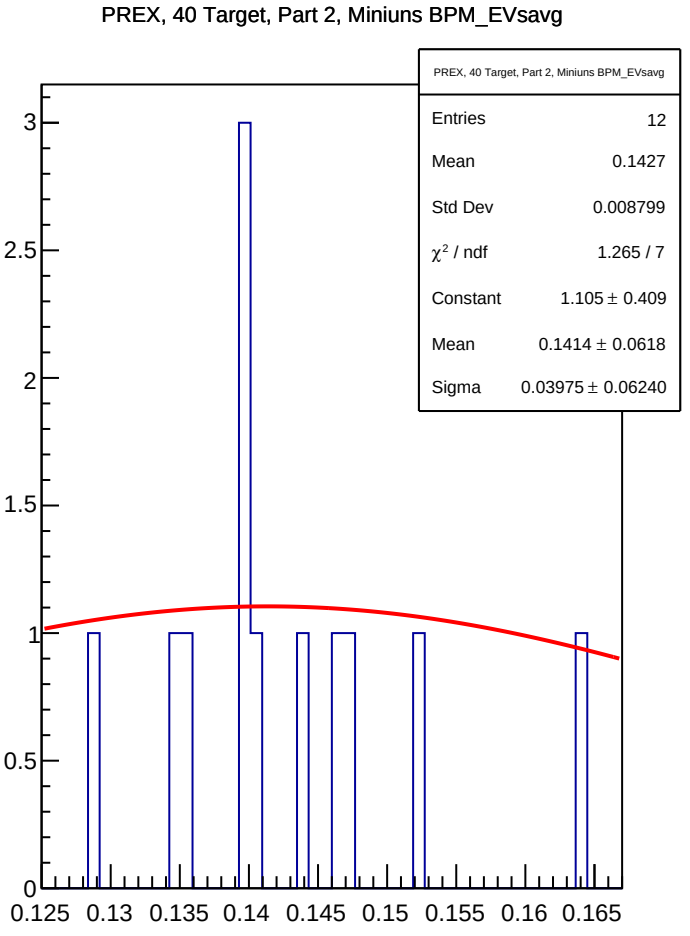

PREX, 40 Target, Part 2, Miniruns BPM_4eYVsusl
χ² / ndf 27.08 / 11
p0 0.06485 ± 0.001322
0.08
0.075
0.07
0.065
0.06
0.055
0.05
4123
4124
4125
4126
4127
4128

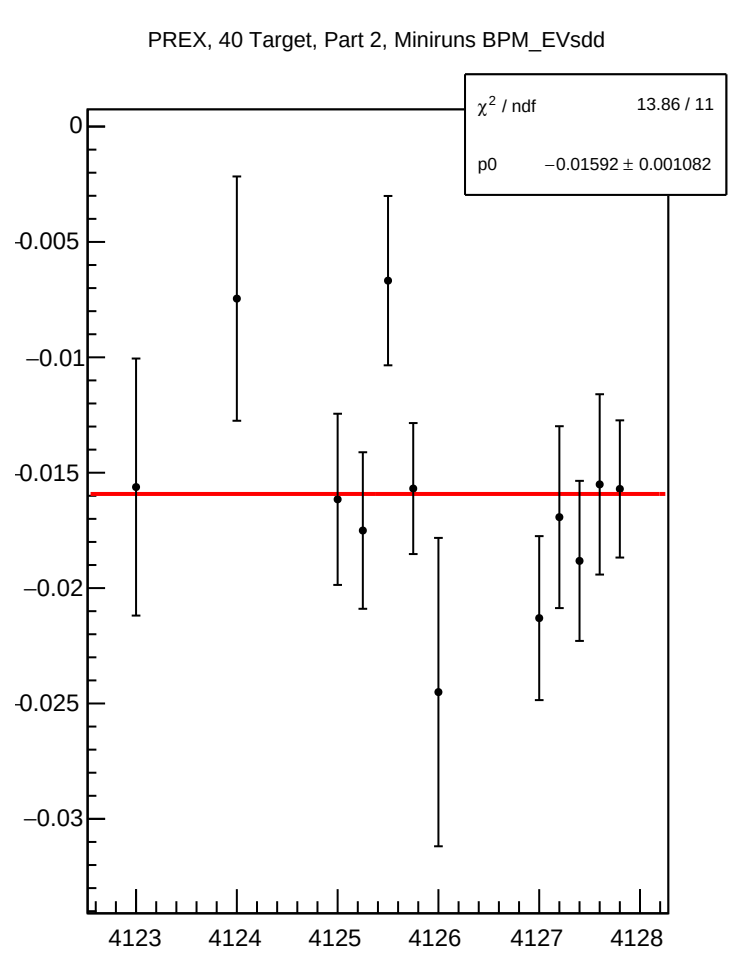

PREX, 40 Target, Part 2, Miniuns BPM_4eYVsusl
PREX, 40 Target, Part 2, Miniuns BPM_4eYVsusl
Entries 12
Mean 0.06442
Std Dev 0.006828
χ² / ndf 0.4228 / 8
Constant 1.158 ± 0.581
Mean 0.06323 ± 0.01153
Sigma 0.0165 ± 0.0423
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.055
0.06
0.065
0.07
0.075

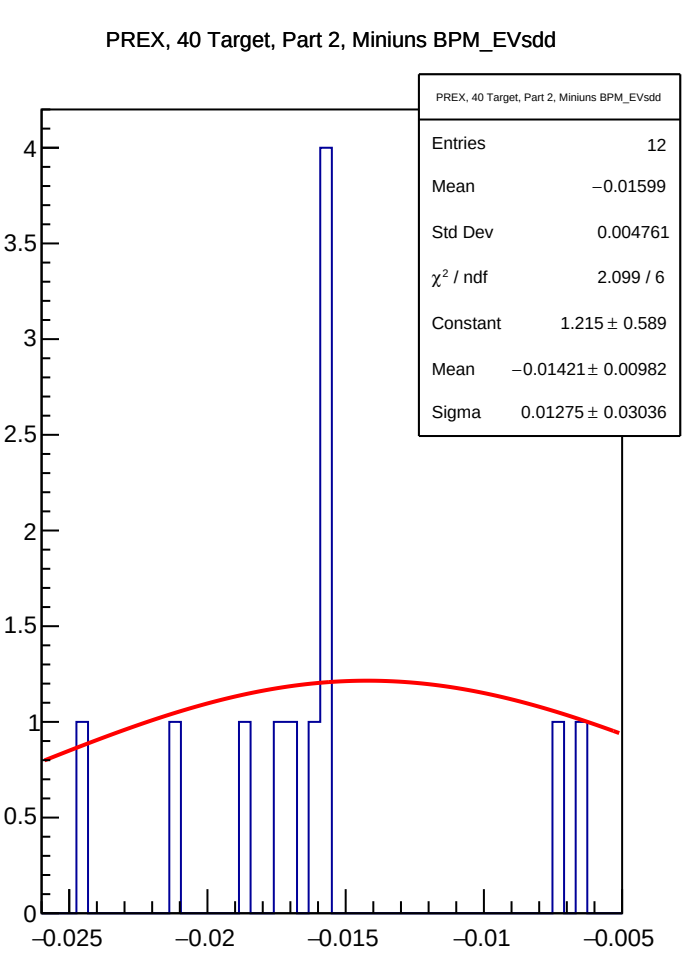

PREX, 40 Target, Part 2, Miniruns BPM_4eYVsusr
χ² / ndf 25.64 / 11
p0 0.1635 ± 0.001445
0.19
0.18
0.17
0.16
0.15
4123
4124
4125
4126
4127
4128

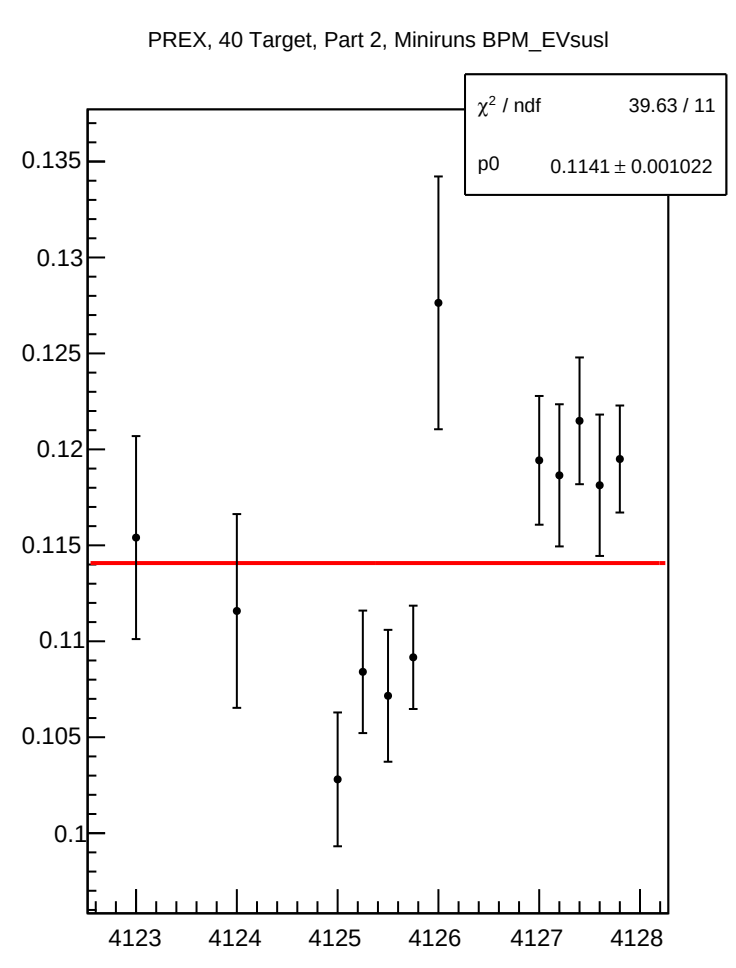

PREX, 40 Target, Part 2, Miniuns BPM_4eYVsusr
PREX, 40 Target, Part 2, Miniuns BPM_4eYVsusr
Entries 12
Mean 0.1655
Std Dev 0.00851
χ² / ndf 0.4575 / 8
Constant 1.086 ± 0.420
Mean 0.1688 ± 0.0464
Sigma 0.03604 ± 0.05338
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.15
0.155
0.16
0.165
0.17
0.175
0.18
0.185

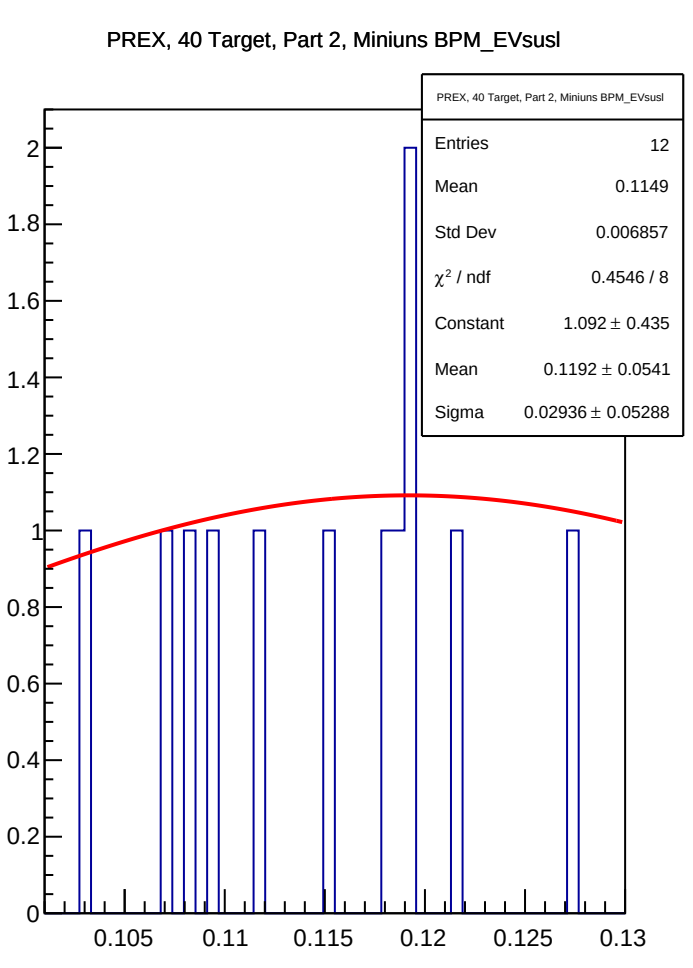

PREX, 40 Target, Part 2, Miniruns BPM_EVsavg
χ² / ndf 32.98 / 11
p0 0.1418 ± 0.001265
0.17
0.16
0.15
0.14
0.13
0.12
4123
4124
4125
4126
4127
4128

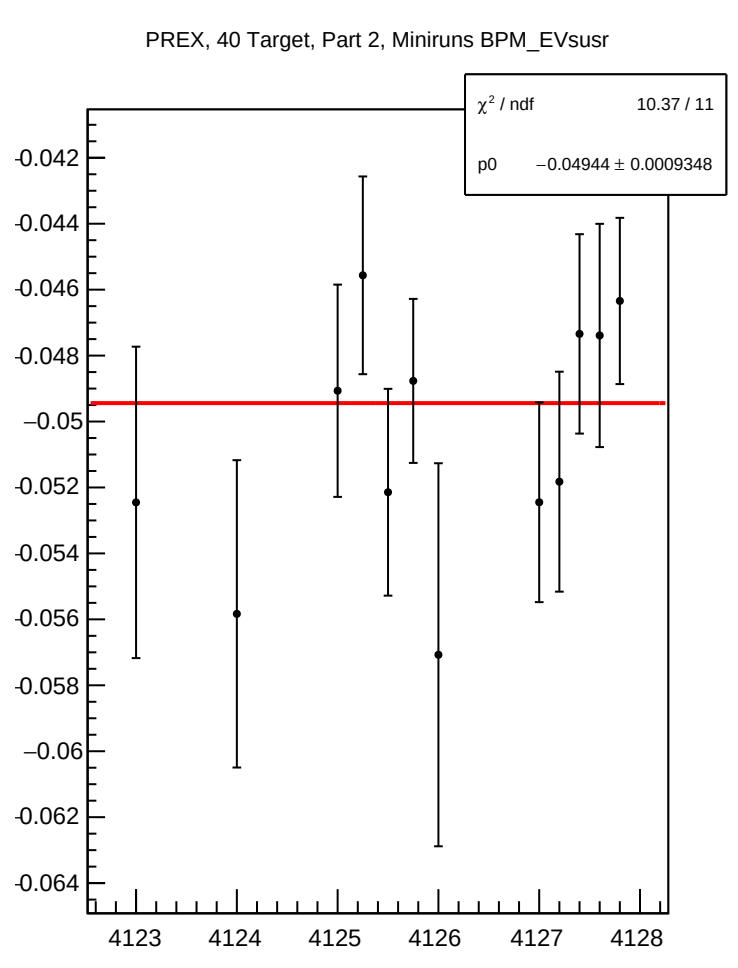

PREX, 40 Target, Part 2, Miniuns BPM_EVsavg
PREX, 40 Target, Part 2, Miniuns BPM_EVsavg
Entries 12
Mean 0.1427
Std Dev 0.008799
χ² / ndf 1.265 / 7
Constant 1.105 ± 0.409
Mean 0.1414 ± 0.0618
Sigma 0.03975 ± 0.06240
3
2.5
2
1.5
1
0.5
0
0.125
0.13
0.135
0.14
0.145
0.15
0.155
0.16
0.165

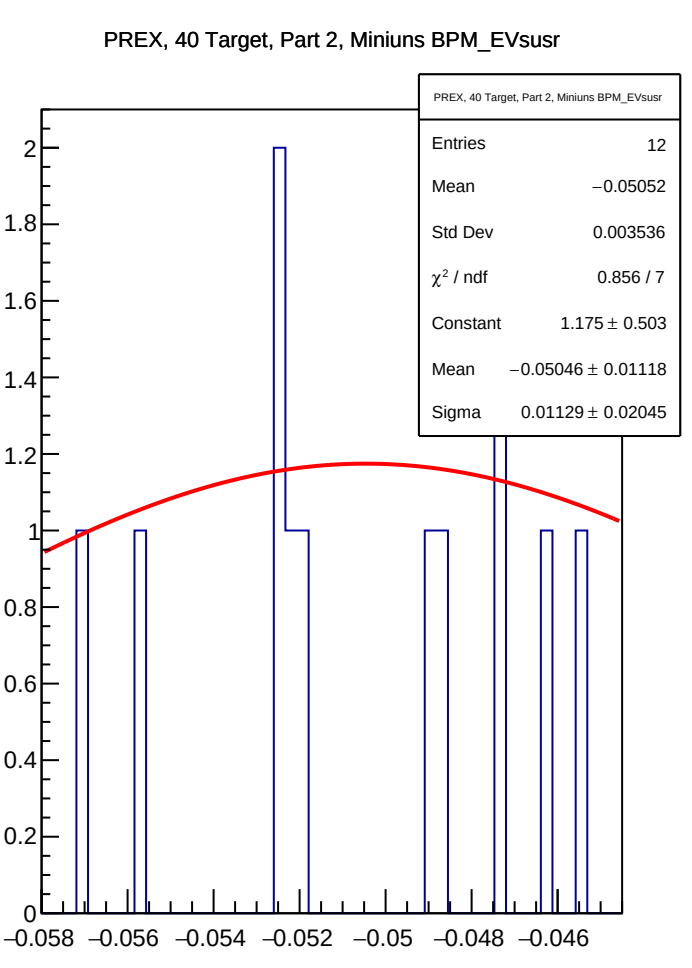

PREX, 40 Target, Part 2, Miniruns BPM_EVsdd
χ² / ndf 13.86 / 11
p0 −0.01592 ± 0.001082
0
-0.005
−0.01
-0.015
−0.02
-0.025
−0.03
4123
4124
4125
4126
4127
4128

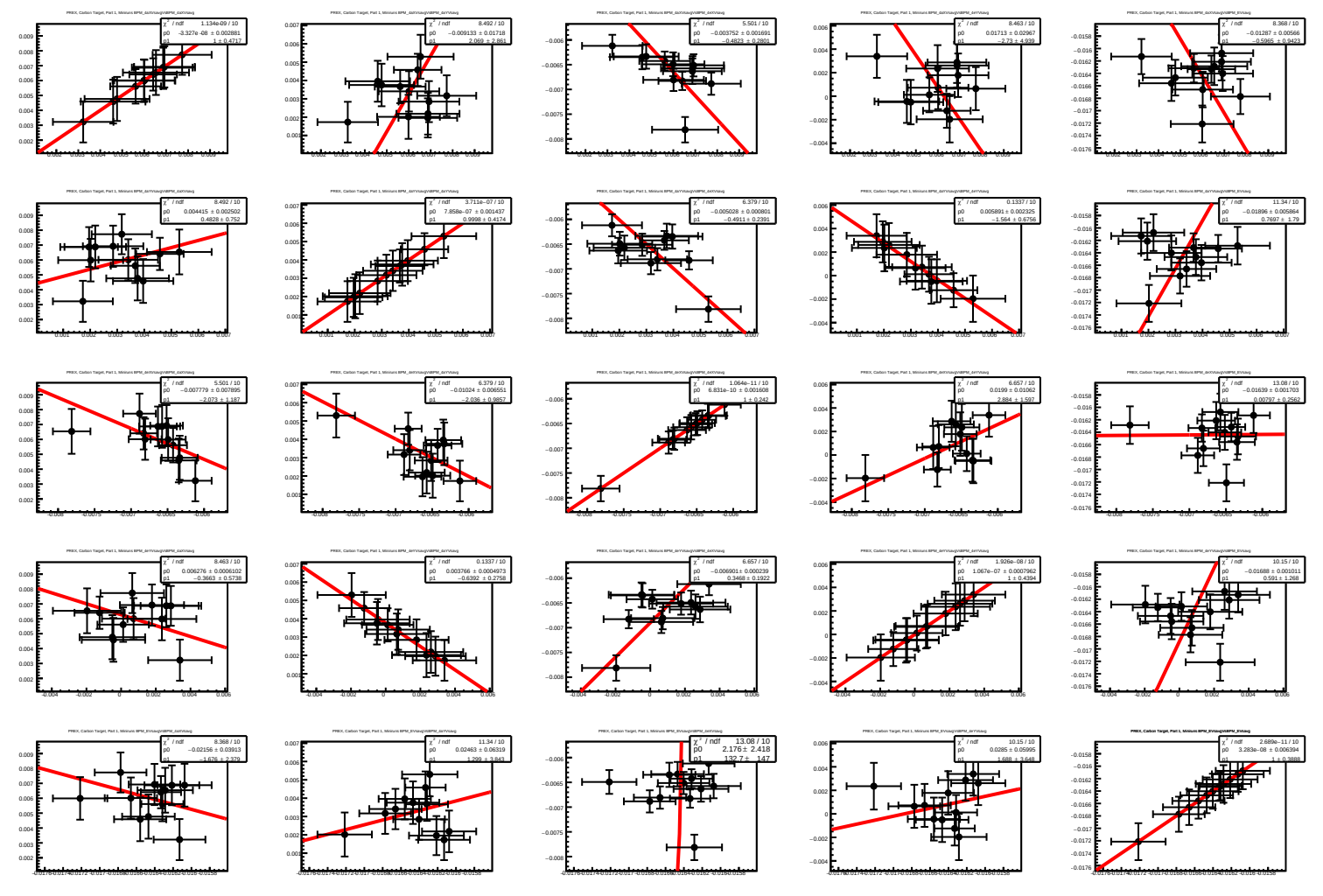

PREX, 40 Target, Part 2, Miniuns BPM_EVsdd
PREX, 40 Target, Part 2, Miniuns BPM_EVsdd
Entries 12
Mean −0.01599
Std Dev 0.004761
χ² / ndf 2.099 / 6
Constant 1.215 ± 0.589
Mean −0.01421 ± 0.00982
Sigma 0.01275 ± 0.03036
4
3.5
3
2.5
2
1.5
1
0.5
0
−0.025
−0.02
−0.015
−0.01
−0.005

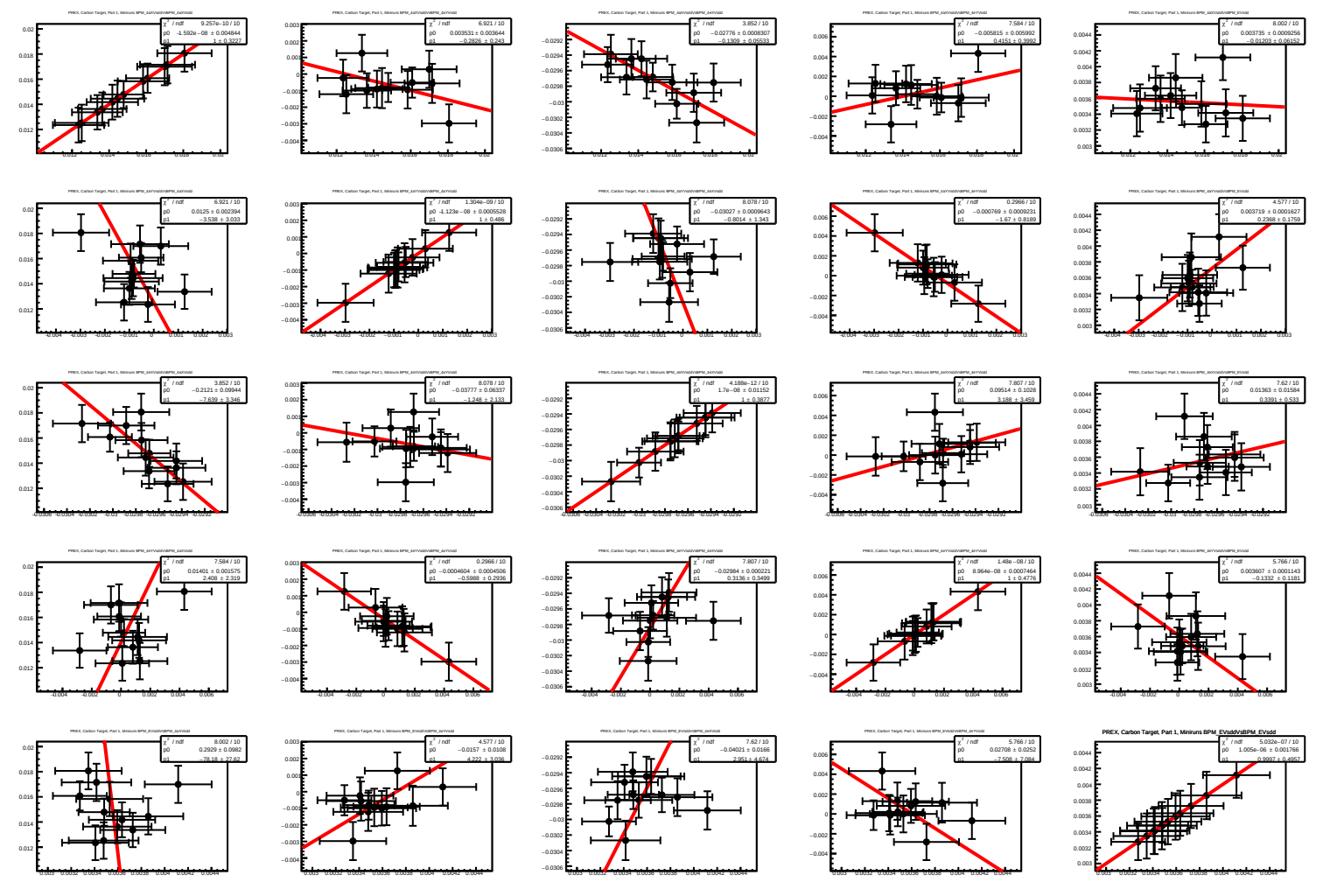

PREX, 40 Target, Part 2, Miniruns BPM_EVsusl
χ² / ndf 39.63 / 11
p0 0.1141 ± 0.001022
0.135
0.13
0.125
0.12
0.115
0.11
0.105
0.1
4123
4124
4125
4126
4127
4128

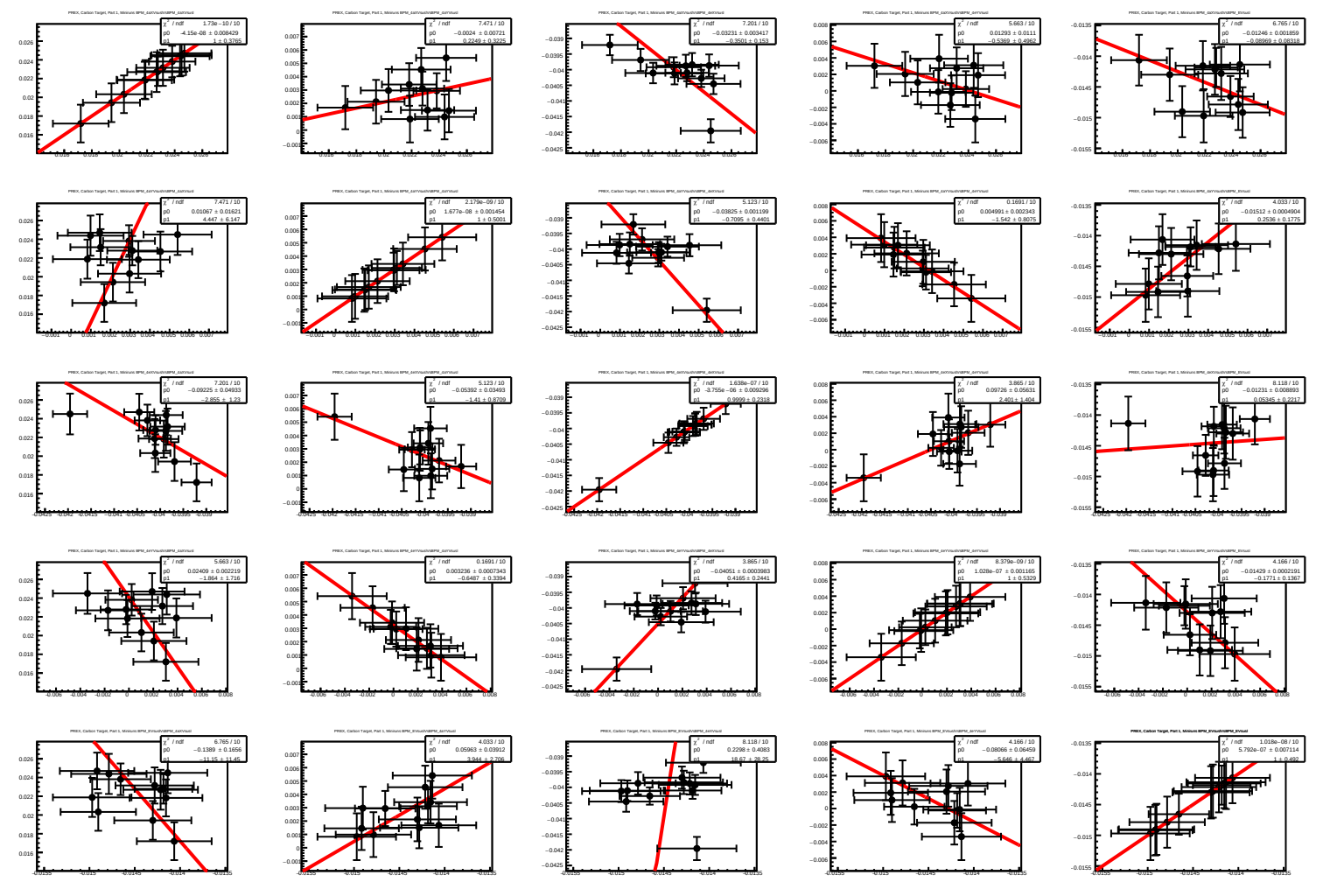

PREX, 40 Target, Part 2, Miniuns BPM_EVsusl
PREX, 40 Target, Part 2, Miniuns BPM_EVsusl
Entries 12
Mean 0.1149
Std Dev 0.006857
χ² / ndf 0.4546 / 8
Constant 1.092 ± 0.435
Mean 0.1192 ± 0.0541
Sigma 0.02936 ± 0.05288
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.105
0.11
0.115
0.12
0.125
0.13

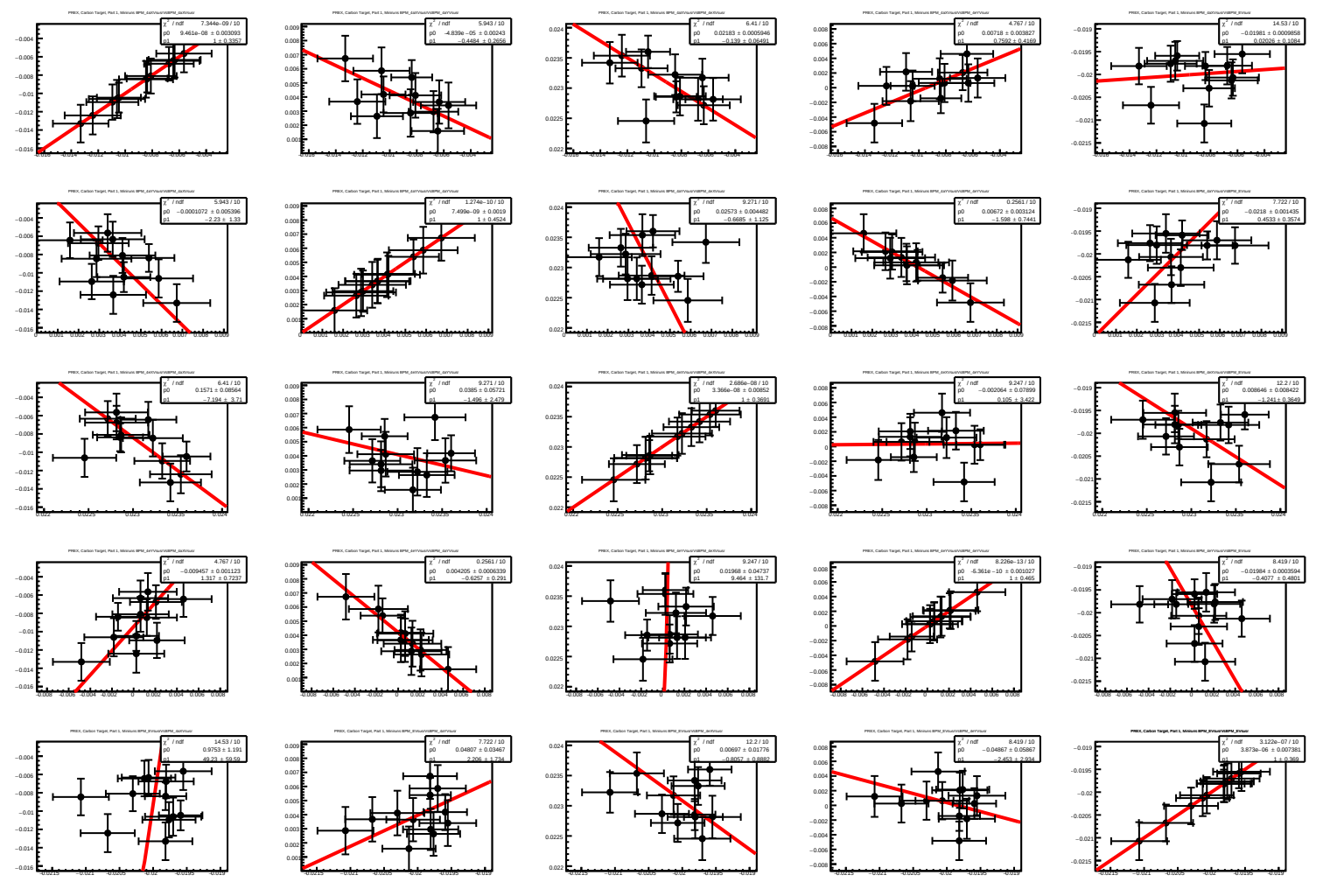

PREX, 40 Target, Part 2, Miniruns BPM_EVsusr
χ² / ndf 10.37 / 11
p0 −0.04944 ± 0.0009348
-0.042
-0.044
-0.046
-0.048
−0.05
-0.052
-0.054
-0.056
-0.058
−0.06
-0.062
-0.064
4123
4124
4125
4126
4127
4128

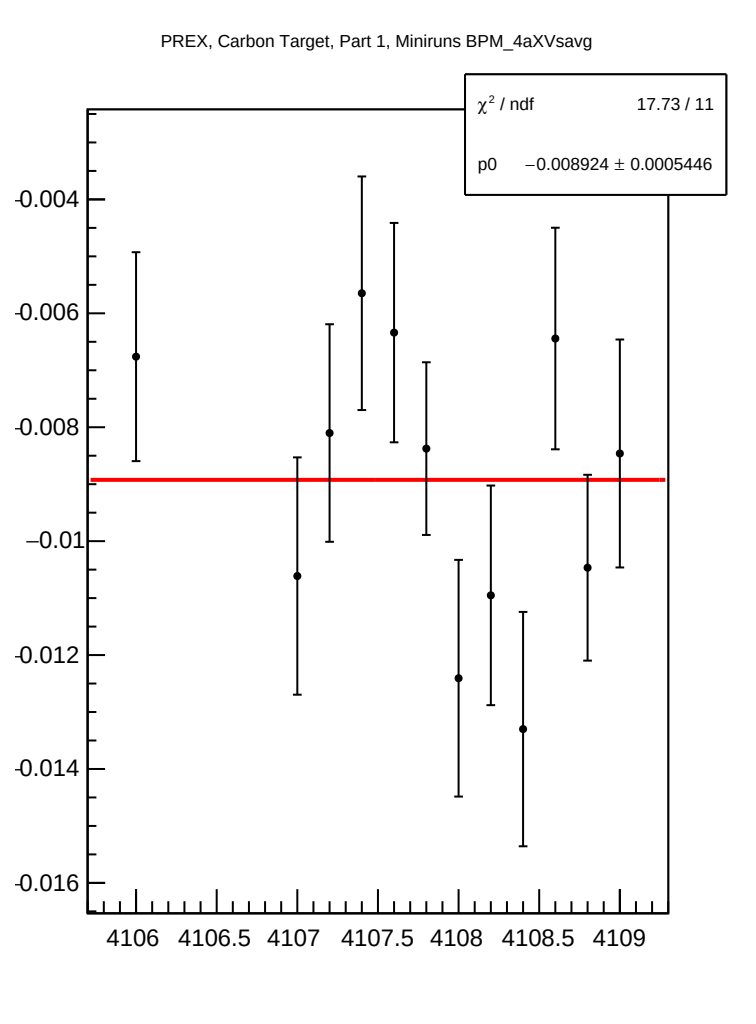

PREX, 40 Target, Part 2, Miniuns BPM_EVsusr
PREX, 40 Target, Part 2, Miniuns BPM_EVsusr
Entries 12
Mean −0.05052
Std Dev 0.003536
χ² / ndf 0.856 / 7
Constant 1.175 ± 0.503
Mean −0.05046 ± 0.01118
Sigma 0.01129 ± 0.02045
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.058
−0.056
−0.054
−0.052
−0.05
−0.048
−0.046

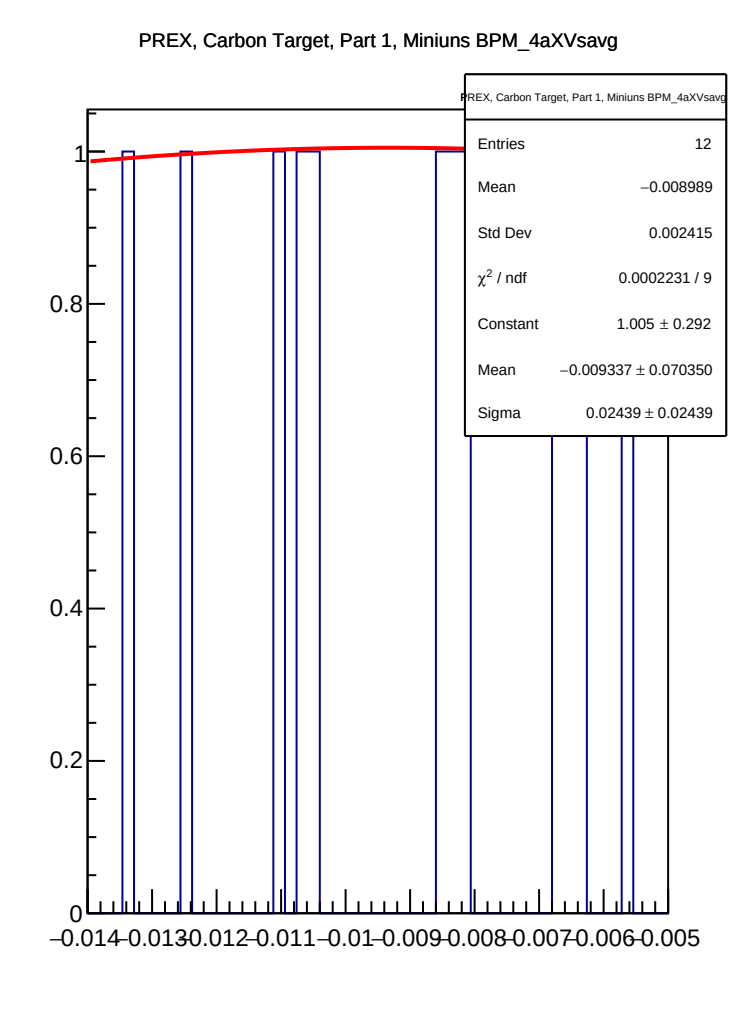


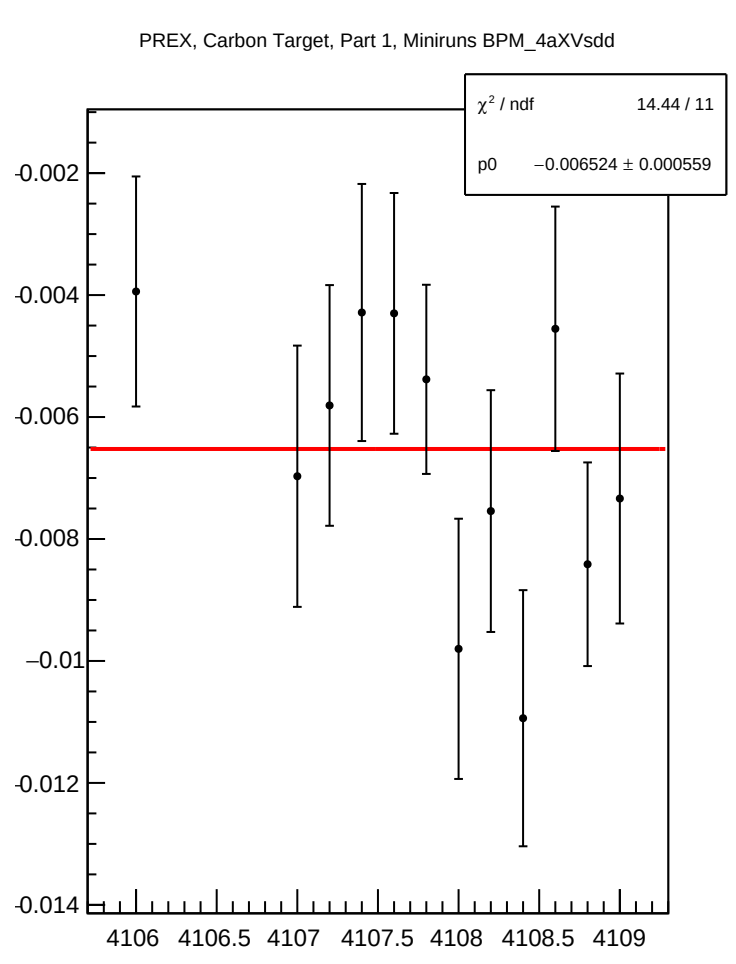

PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 9.257e-10 / 10
p0 −1.592e−08 ± 0.004844
p1 1 ± 0.3227
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 6.921 / 10
p0 0.003531 ± 0.003644
p1 −0.2826 ± 0.243
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 3.852 / 10
p0 −0.02776 ± 0.0008307
p1 −0.1309 ± 0.05533
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 7.584 / 10
p0 −0.005815 ± 0.005992
p1 0.4151 ± 0.3992
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 8.002 / 10
p0 0.003735 ± 0.0009256
p1 −0.01203 ± 0.06152
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 6.921 / 10
p0 0.0125 ± 0.002394
p1 −3.538 ± 3.033
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 1.304e−09 / 10
p0 -1.123e−08 ± 0.0005528
p1 1 ± 0.486
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 8.078 / 10
p0 −0.03027 ± 0.0009643
p1 −0.8014 ± 1.343
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 0.2966 / 10
p0 −0.000769 ± 0.0009231
p1 −1.67 ± 0.8189
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 4.577 / 10
p0 0.003719 ± 0.0001627
p1 0.2368 ± 0.1759
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 3.852 / 10
p0 −0.2121 ± 0.09944
p1 −7.639 ± 3.346
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 8.078 / 10
p0 −0.03777 ± 0.06337
p1 −1.248 ± 2.133
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 4.188e−12 / 10
p0 1.7e−08 ± 0.01152
p1 1 ± 0.3877
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 7.807 / 10
p0 0.09514 ± 0.1028
p1 3.188 ± 3.459
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 7.62 / 10
p0 0.01363 ± 0.01584
p1 0.3391 ± 0.533
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 7.584 / 10
p0 0.01401 ± 0.001575
p1 2.408 ± 2.319
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 0.2966 / 10
p0 −0.0004604 ± 0.0004506
p1 −0.5988 ± 0.2936
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 7.807 / 10
p0 −0.02984 ± 0.000221
p1 0.3136 ± 0.3499
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 1.48e−08 / 10
p0 8.964e−08 ± 0.0007464
p1 1 ± 0.4776
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 5.766 / 10
p0 0.003607 ± 0.0001143
p1 −1.332 ± 0.1181
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 8.002 / 10
p0 0.2929 ± 0.0982
p1 −78.18 ± 27.62
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 4.577 / 10
p0 −0.0157 ± 0.0108
p1 4.222 ± 3.036
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 7.62 / 10
p0 −0.04021 ± 0.0166
p1 2.951 ± 4.674
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 5.766 / 10
p0 0.02708 ± 0.0252
p1 −7.508 ± 7.084
PREX, Carbon Target, Part 1, Miniruns BPM_EdVsdXVsBPM_EdVsXdX
χ² / ndf 5.032e−07 / 10
p0 1.005e−06 ± 0.001766
p1 0.9997 ± 0.4957

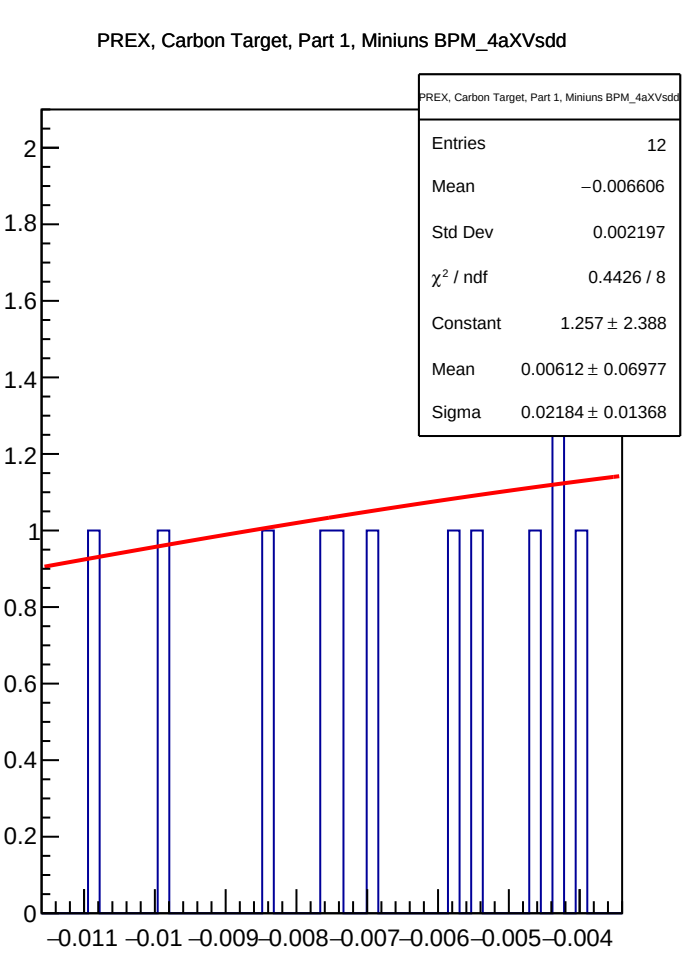


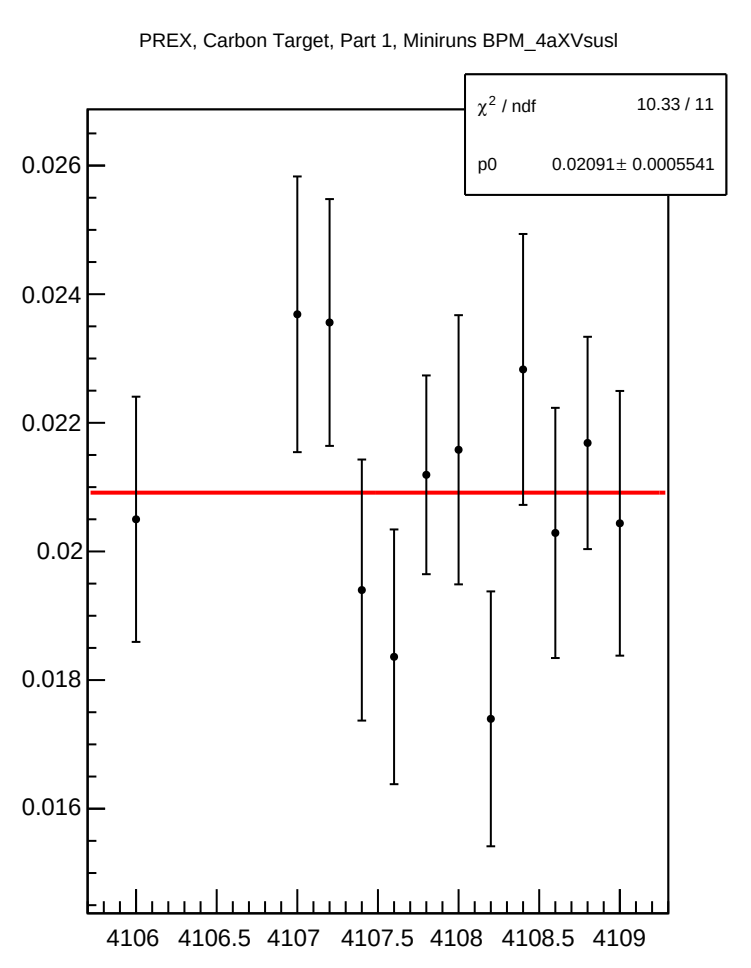


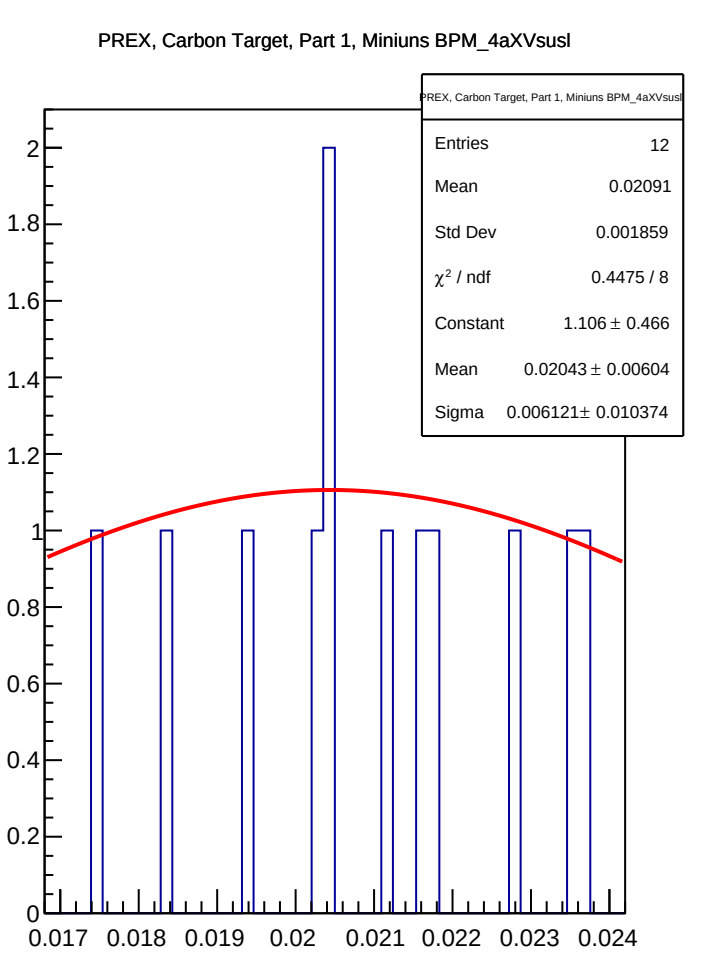

PREX, Carbon Target, Part 1, Miniruns BPM_4aXVsavg
χ² / ndf 17.73 / 11
p0 −0.008924 ± 0.0005446
-0.004
-0.006
-0.008
−0.01
-0.012
-0.014
-0.016
4106
4106.5
4107
4107.5
4108
4108.5
4109

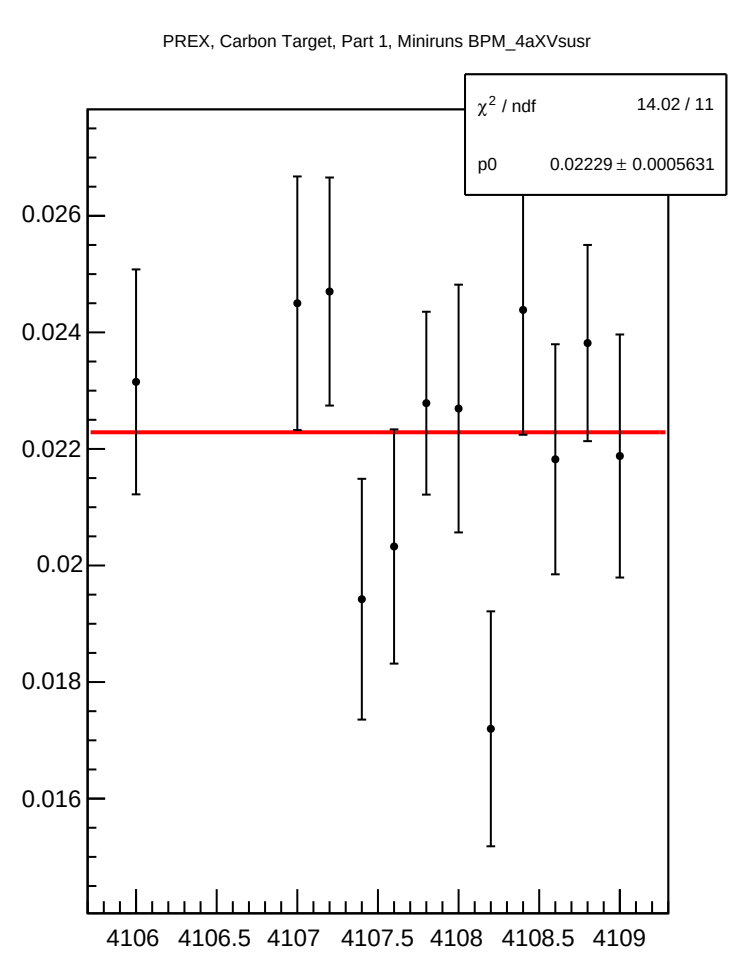

PREX, Carbon Target, Part 1, Miniuns BPM_4aXVsavg
PREX, Carbon Target, Part 1, Miniuns BPM_4aXVsavg
Entries 12
Mean −0.008989
Std Dev 0.002415
χ² / ndf 0.0002231 / 9
Constant 1.005 ± 0.292
Mean −0.009337 ± 0.070350
Sigma 0.02439 ± 0.02439
1
0.8
0.6
0.4
0.2
0
−0.014
−0.013
−0.012
−0.011
−0.01
−0.009
−0.008
−0.007
−0.006
−0.005

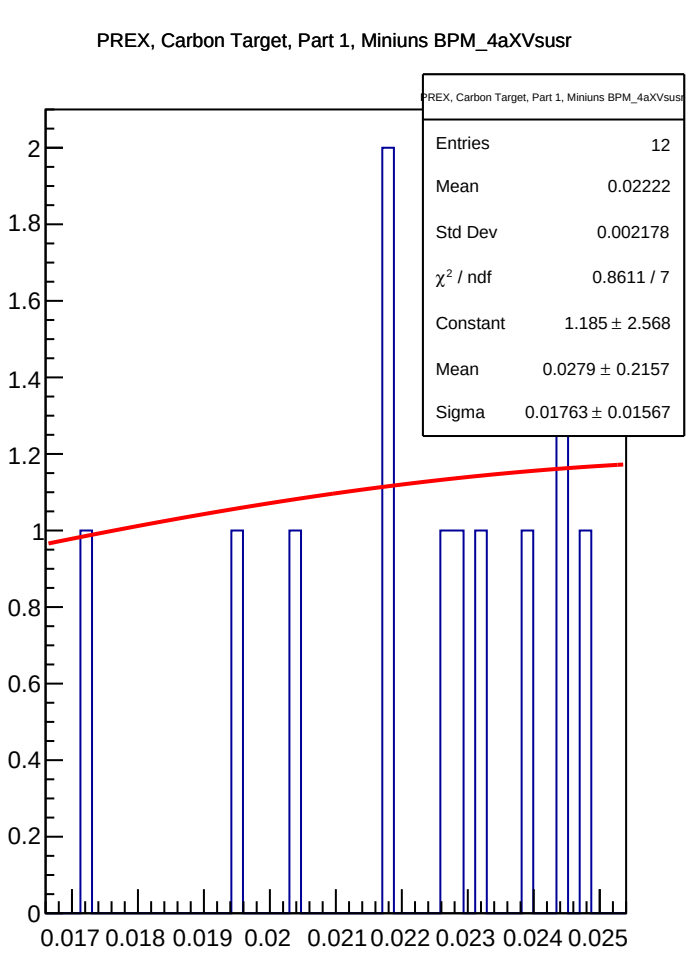

PREX, Carbon Target, Part 1, Miniruns BPM_4aXVsdd
χ² / ndf 14.44 / 11
p0 −0.006524 ± 0.000559
-0.002
-0.004
-0.006
-0.008
−0.01
-0.012
-0.014
4106
4106.5
4107
4107.5
4108
4108.5
4109

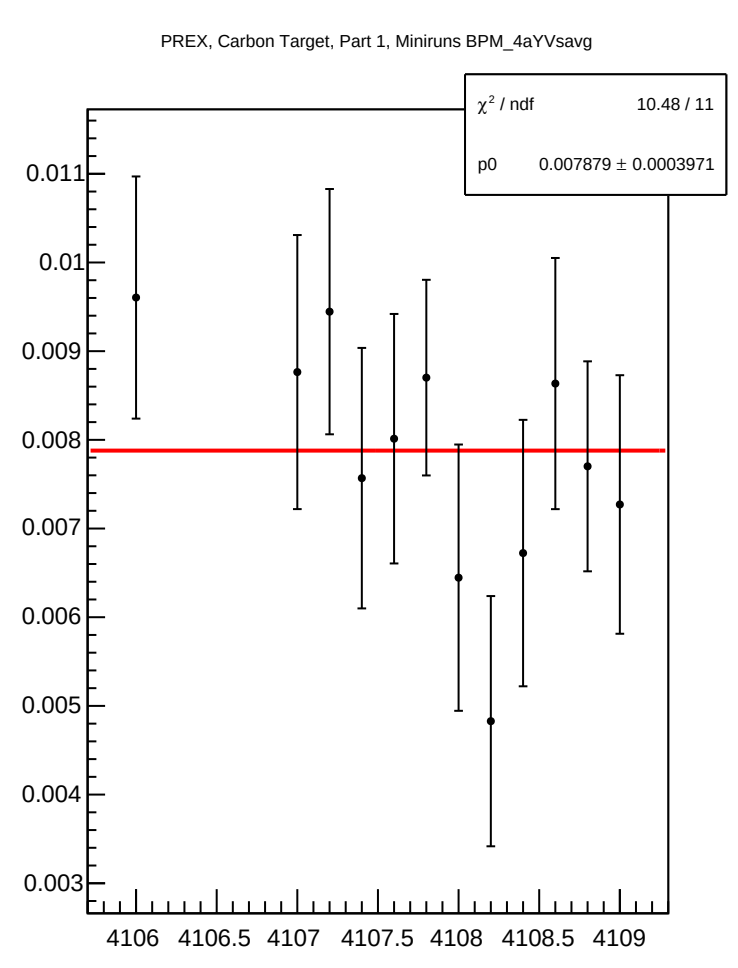

PREX, Carbon Target, Part 1, Miniuns BPM_4aXVsdd
PREX, Carbon Target, Part 1, Miniuns BPM_4aXVsdd
Entries 12
Mean −0.006606
Std Dev 0.002197
χ² / ndf 0.4426 / 8
Constant 1.257 ± 2.388
Mean 0.00612 ± 0.06977
Sigma 0.02184 ± 0.01368
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.011
−0.01
−0.009
−0.008
−0.007
−0.006
−0.005
−0.004

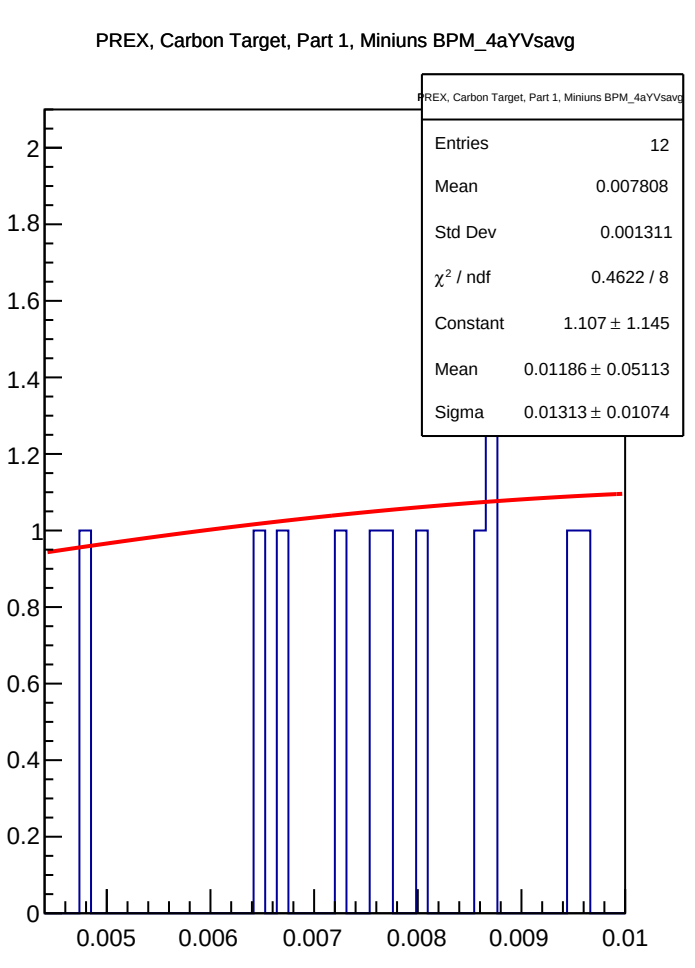

PREX, Carbon Target, Part 1, Miniruns BPM_4aXVsusl
χ² / ndf 10.33 / 11
p0 0.02091± 0.0005541
0.026
0.024
0.022
0.02
0.018
0.016
4106
4106.5
4107
4107.5
4108
4108.5
4109

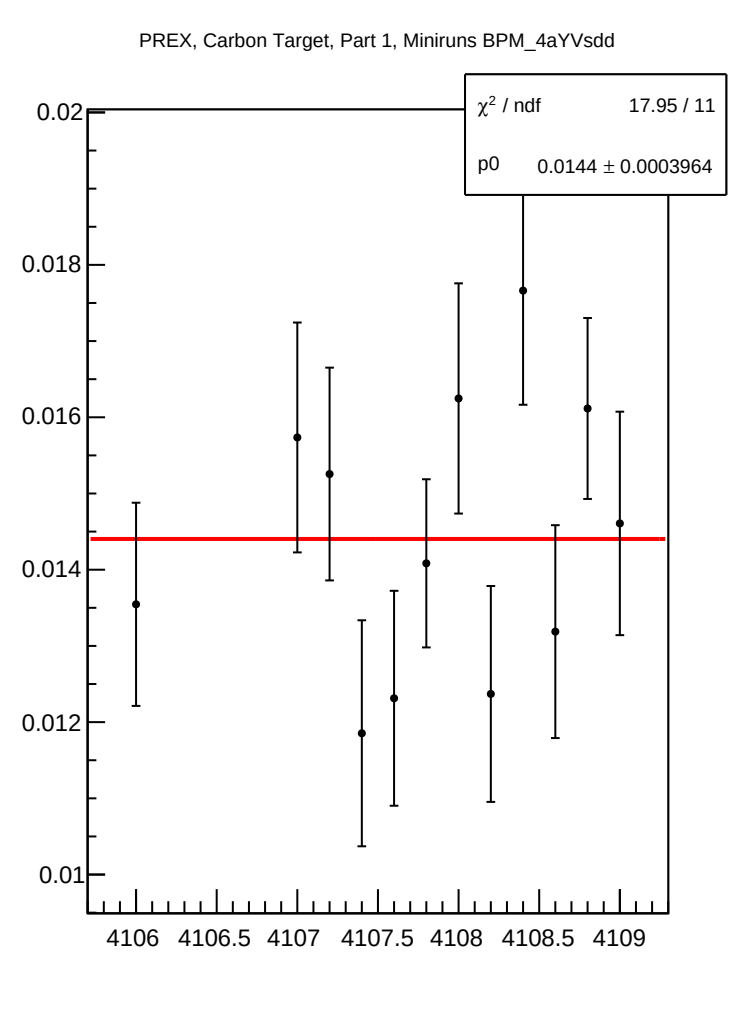

PREX, Carbon Target, Part 1, Miniuns BPM_4aXVsusl
PREX, Carbon Target, Part 1, Miniuns BPM_4aXVsusl
Entries 12
Mean 0.02091
Std Dev 0.001859
χ² / ndf 0.4475 / 8
Constant 1.106 ± 0.466
Mean 0.02043 ± 0.00604
Sigma 0.006121± 0.010374
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.017
0.018
0.019
0.02
0.021
0.022
0.023
0.024

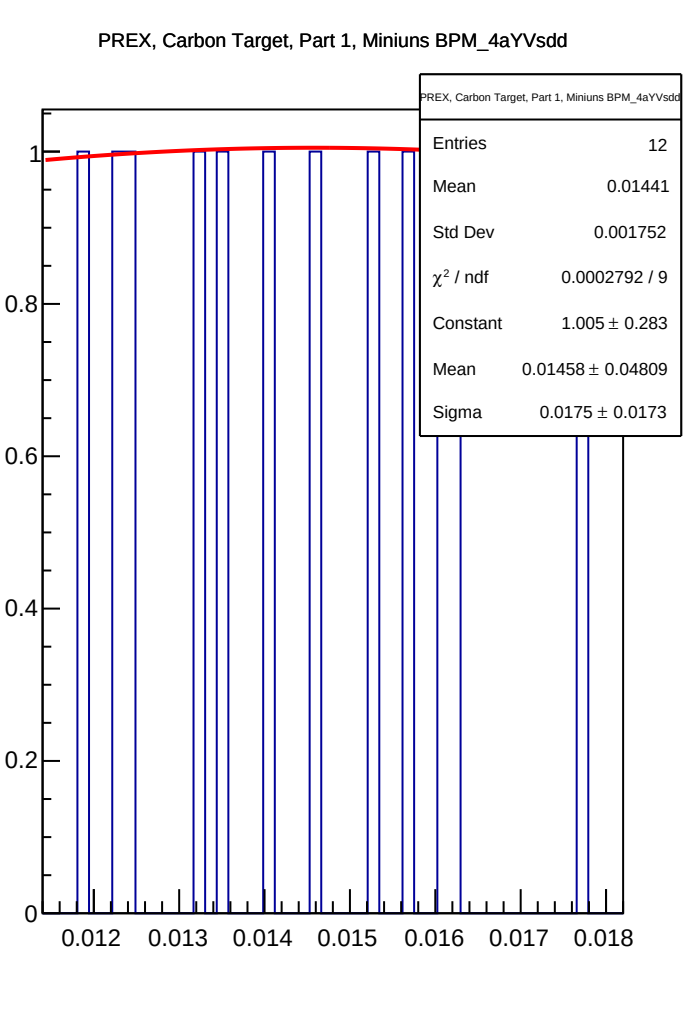

PREX, Carbon Target, Part 1, Miniruns BPM_4aXVsusr
χ² / ndf 14.02 / 11
p0 0.02229 ± 0.0005631
0.026
0.024
0.022
0.02
0.018
0.016
4106
4106.5
4107
4107.5
4108
4108.5
4109

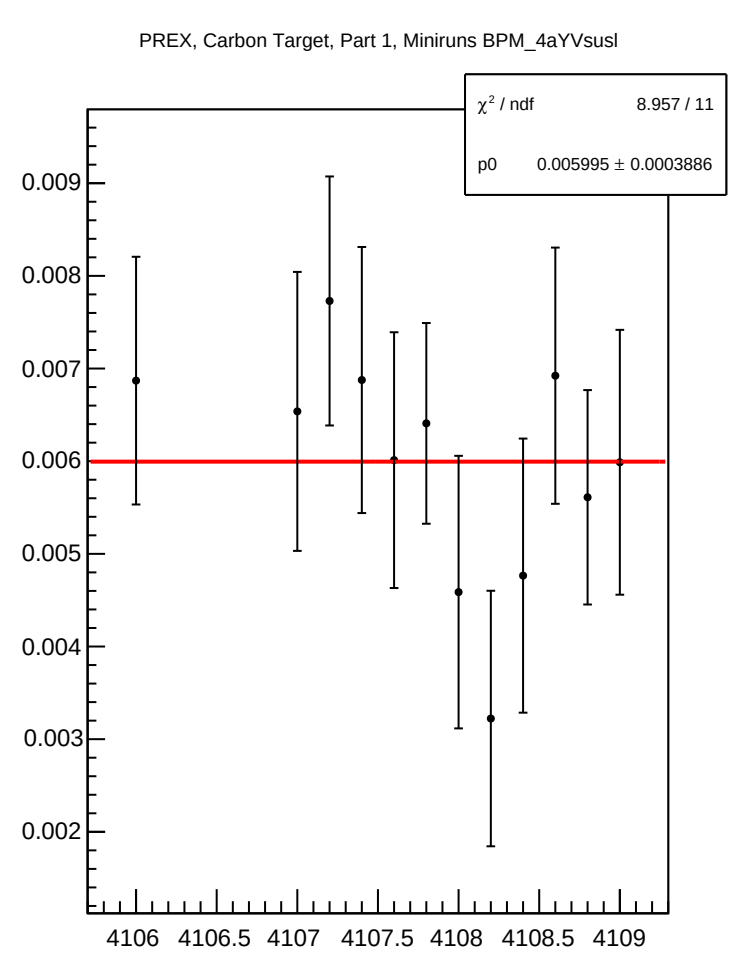

PREX, Carbon Target, Part 1, Miniuns BPM_4aXVsusr
PREX, Carbon Target, Part 1, Miniuns BPM_4aXVsusr
Entries 12
Mean 0.02222
Std Dev 0.002178
χ² / ndf 0.8611 / 7
Constant 1.185 ± 2.568
Mean 0.0279 ± 0.2157
Sigma 0.01763 ± 0.01567
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.017
0.018
0.019
0.02
0.021
0.022
0.023
0.024
0.025

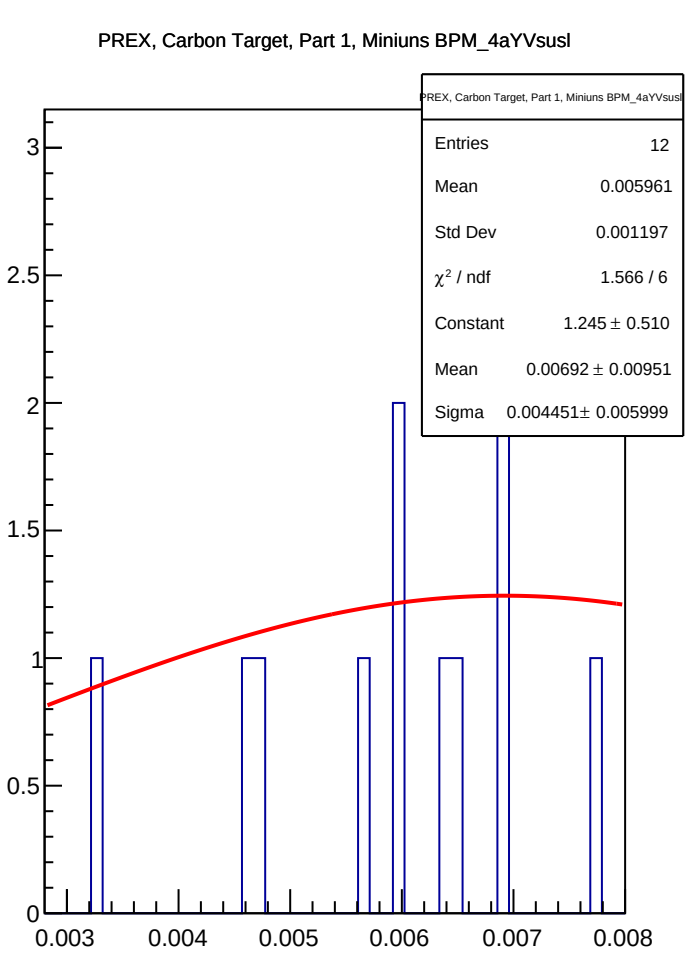

PREX, Carbon Target, Part 1, Miniruns BPM_4aYVsavg
χ² / ndf 10.48 / 11
p0 0.007879 ± 0.0003971
0.011
0.01
0.009
0.008
0.007
0.006
0.005
0.004
0.003
4106
4106.5
4107
4107.5
4108
4108.5
4109

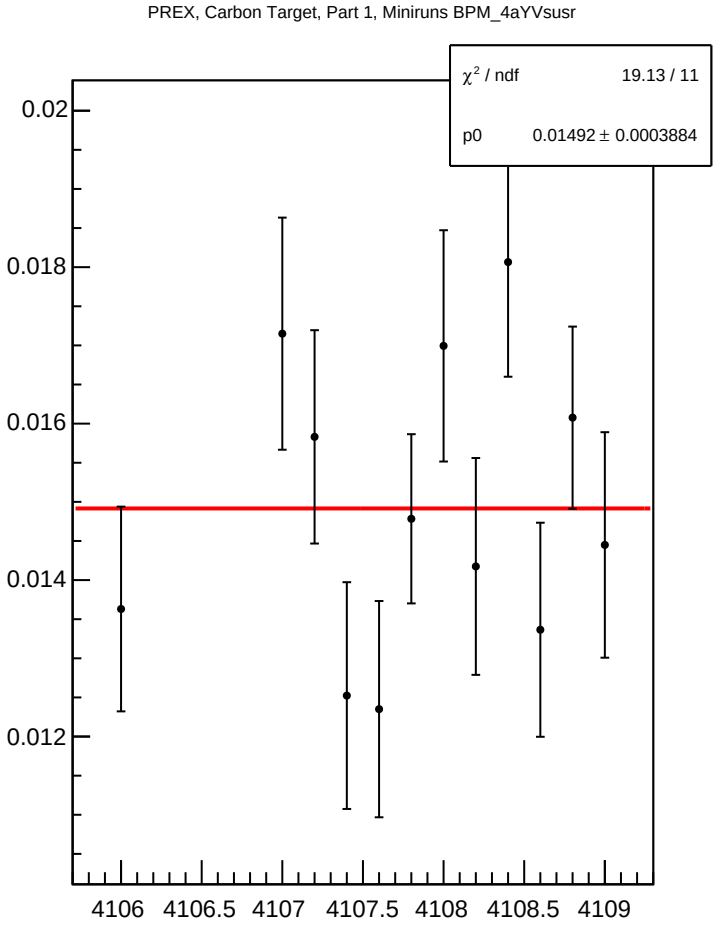

PREX, Carbon Target, Part 1, Miniuns BPM_4aYVsavg
PREX, Carbon Target, Part 1, Miniuns BPM_4aYVsavg
Entries 12
Mean 0.007808
Std Dev 0.001311
χ² / ndf 0.4622 / 8
Constant 1.107 ± 1.145
Mean 0.01186 ± 0.05113
Sigma 0.01313 ± 0.01074
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.005
0.006
0.007
0.008
0.009
0.01

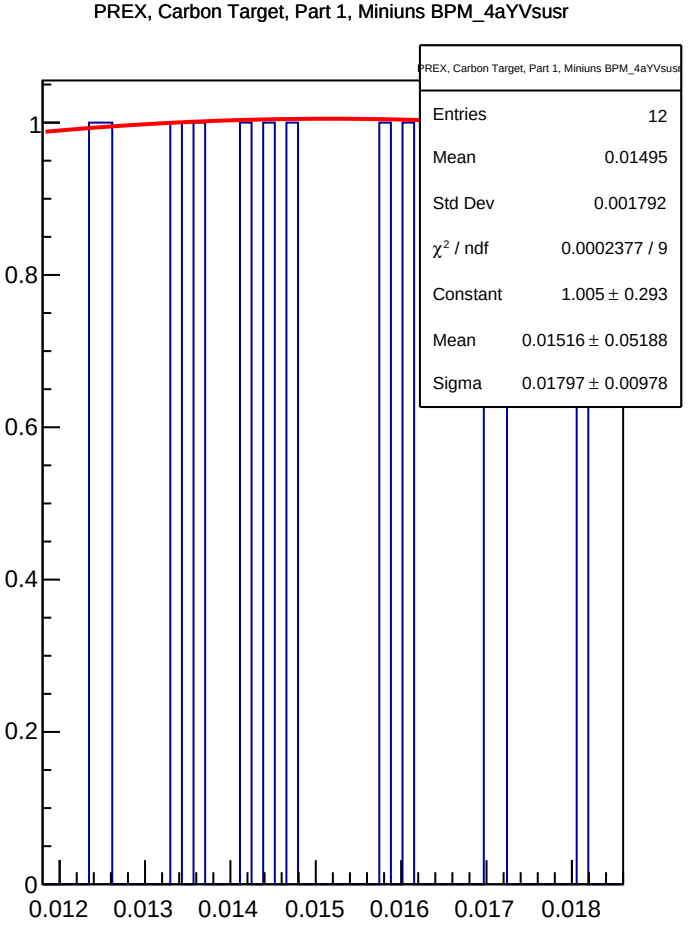

PREX, Carbon Target, Part 1, Miniruns BPM_4aYVsdd
χ² / ndf 17.95 / 11
p0 0.0144 ± 0.0003964
0.02
0.018
0.016
0.014
0.012
0.01
4106
4106.5
4107
4107.5
4108
4108.5
4109

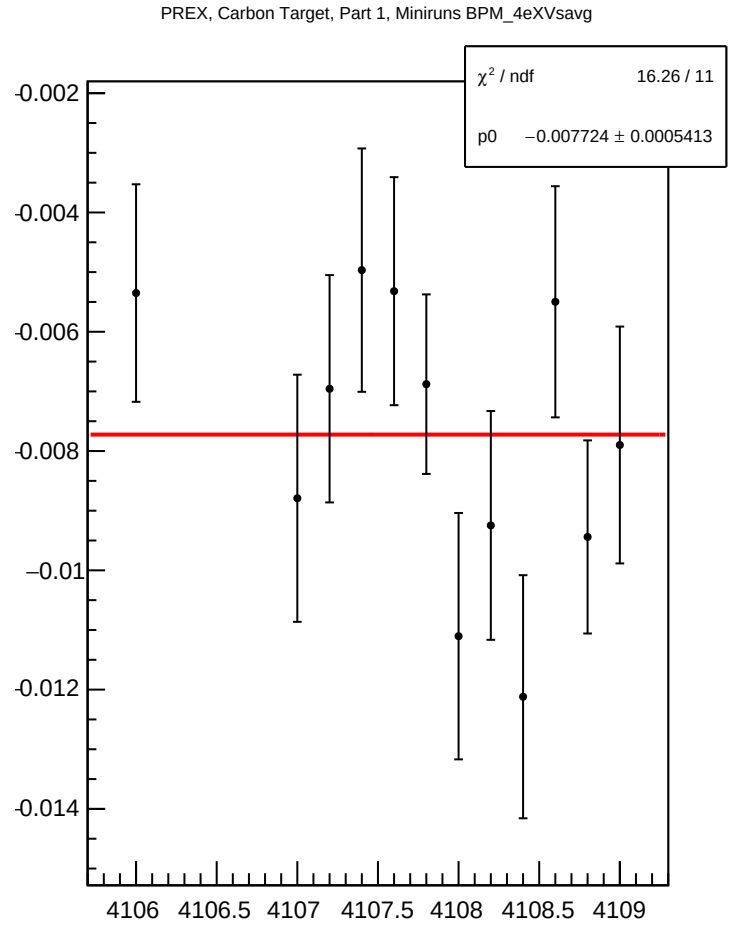

PREX, Carbon Target, Part 1, Miniuns BPM_4aYVsdd
PREX, Carbon Target, Part 1, Miniuns BPM_4aYVsdd
Entries 12
Mean 0.01441
Std Dev 0.001752
χ² / ndf 0.0002792 / 9
Constant 1.005 ± 0.283
Mean 0.01458 ± 0.04809
Sigma 0.0175 ± 0.0173
1
0.8
0.6
0.4
0.2
0
0.012
0.013
0.014
0.015
0.016
0.017
0.018

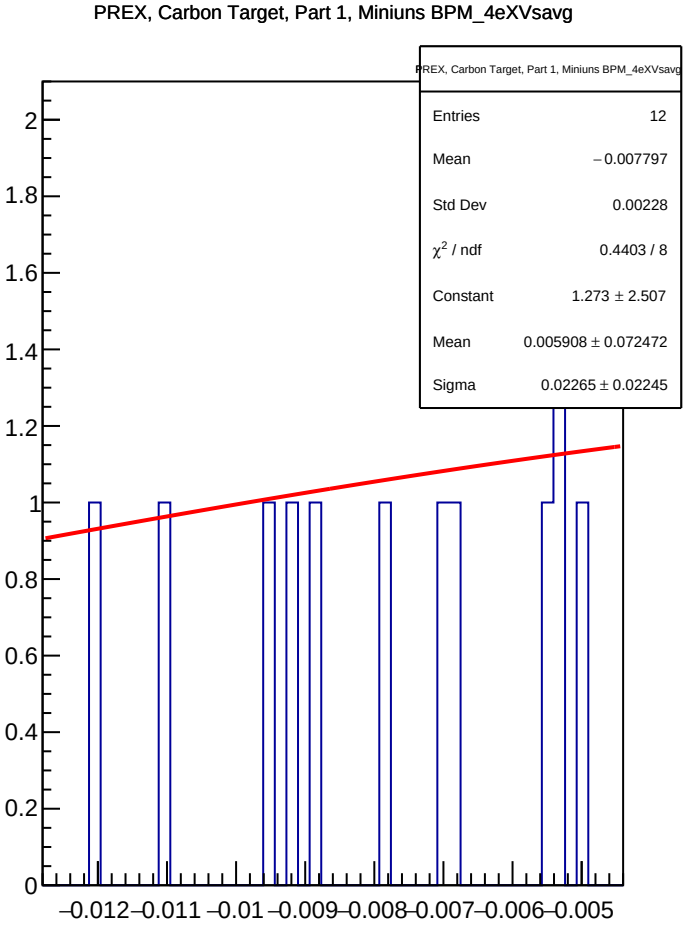

PREX, Carbon Target, Part 1, Miniruns BPM_4aYVsusl
χ² / ndf 8.957 / 11
p0 0.005995 ± 0.0003886
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
4106
4106.5
4107
4107.5
4108
4108.5
4109

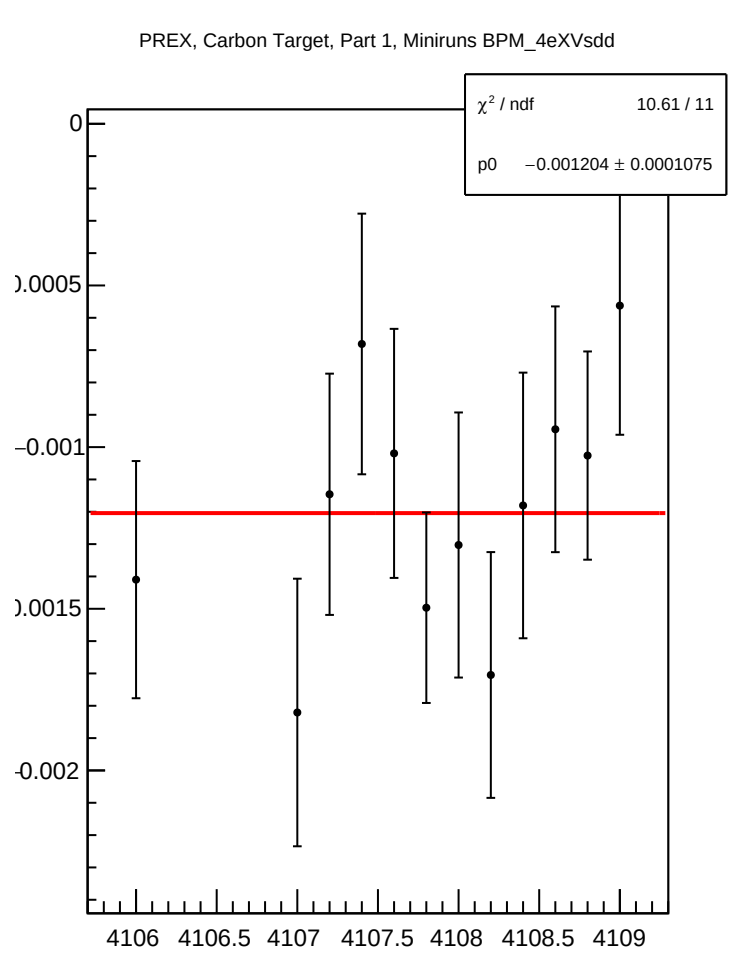

PREX, Carbon Target, Part 1, Miniuns BPM_4aYVsusl
PREX, Carbon Target, Part 1, Miniuns BPM_4aYVsusl
Entries 12
Mean 0.005961
Std Dev 0.001197
χ² / ndf 1.566 / 6
Constant 1.245 ± 0.510
Mean 0.00692 ± 0.00951
Sigma 0.004451± 0.005999
3
2.5
2
1.5
1
0.5
0
0.003
0.004
0.005
0.006
0.007
0.008

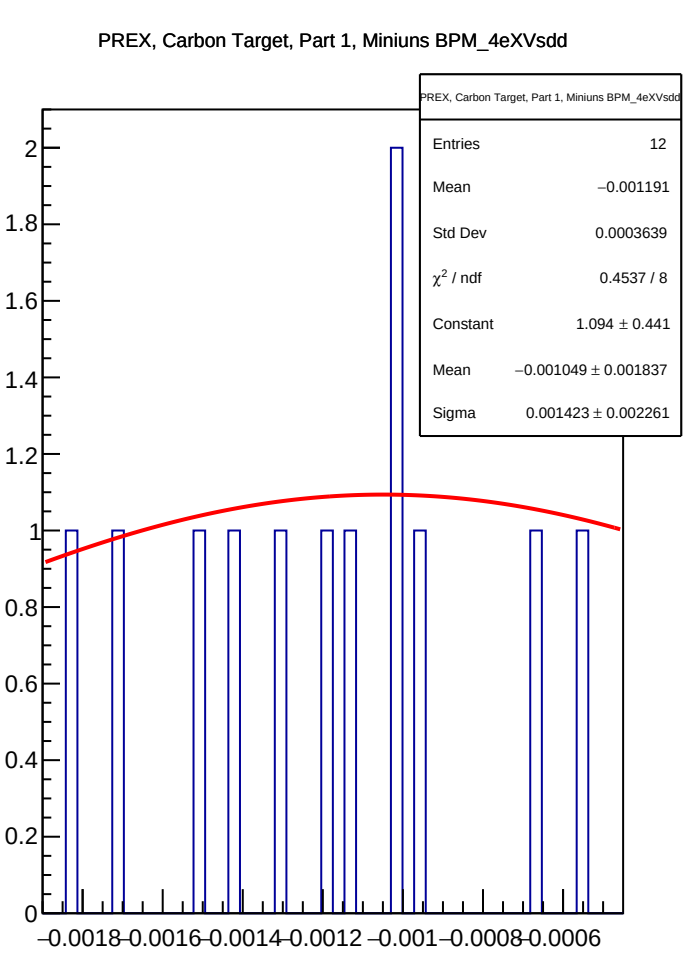

PREX, Carbon Target, Part 1, Miniruns BPM_4aYVsusr
χ² / ndf 19.13 / 11
p0 0.01492 ± 0.0003884
0.02
0.018
0.016
0.014
0.012
4106
4106.5
4107
4107.5
4108
4108.5
4109

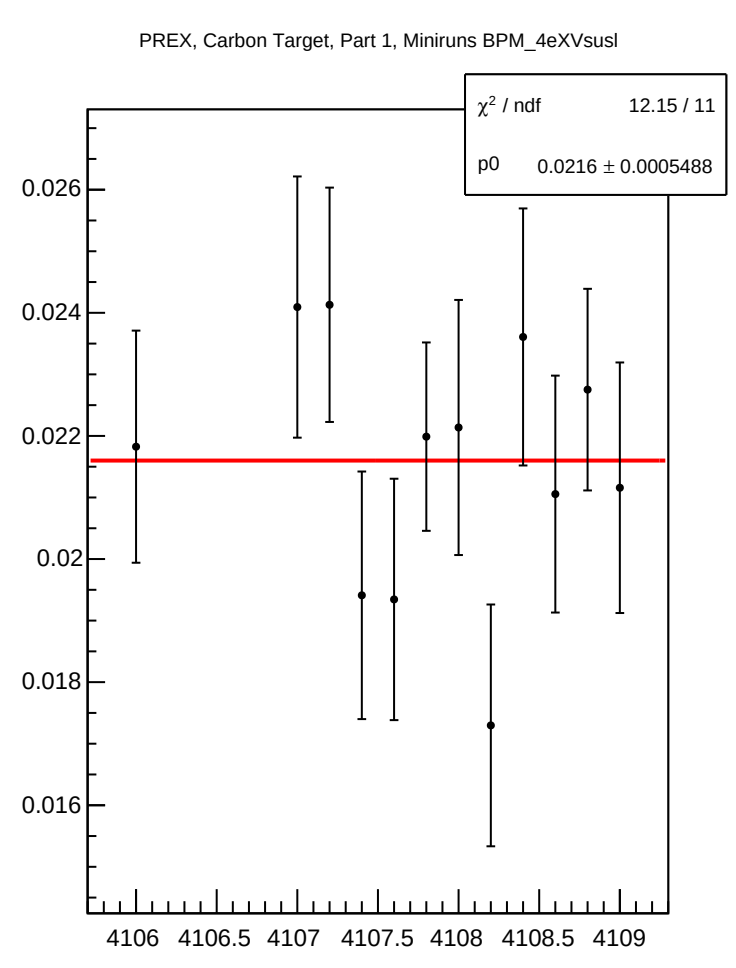

PREX, Carbon Target, Part 1, Miniuns BPM_4aYVsusr
PREX, Carbon Target, Part 1, Miniuns BPM_4aYVsusr
Entries 12
Mean 0.01495
Std Dev 0.001792
χ² / ndf 0.0002377 / 9
Constant 1.005 ± 0.293
Mean 0.01516 ± 0.05188
Sigma 0.01797 ± 0.00978
1
0.8
0.6
0.4
0.2
0
0.012
0.013
0.014
0.015
0.016
0.017
0.018

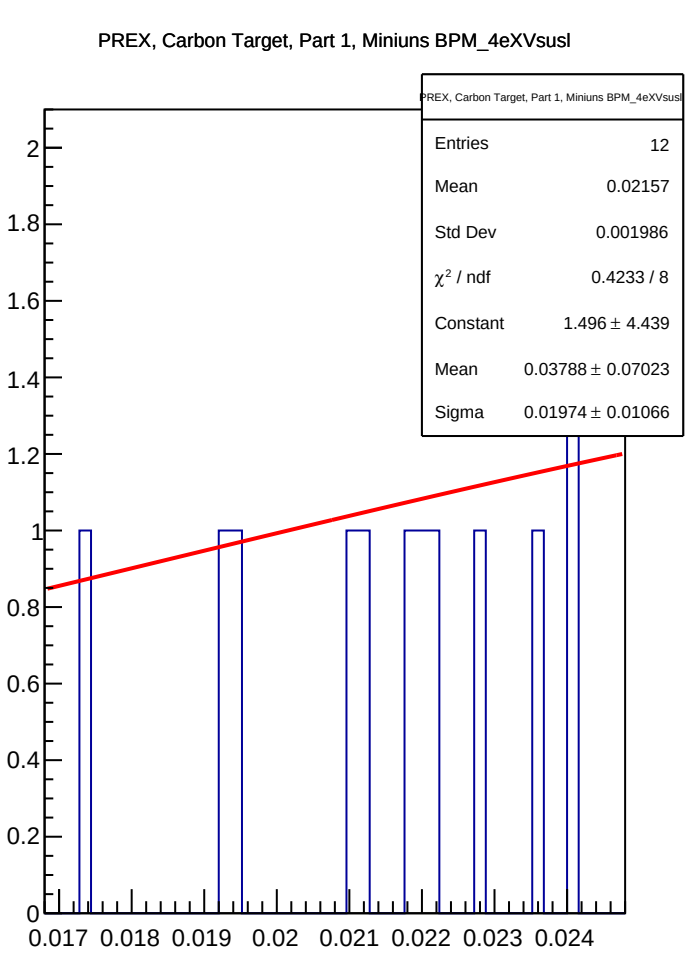

PREX, Carbon Target, Part 1, Miniruns BPM_4eXVsavg
χ² / ndf 16.26 / 11
p0 −0.007724 ± 0.0005413
-0.002
-0.004
-0.006
-0.008
−0.01
-0.012
-0.014
4106
4106.5
4107
4107.5
4108
4108.5
4109

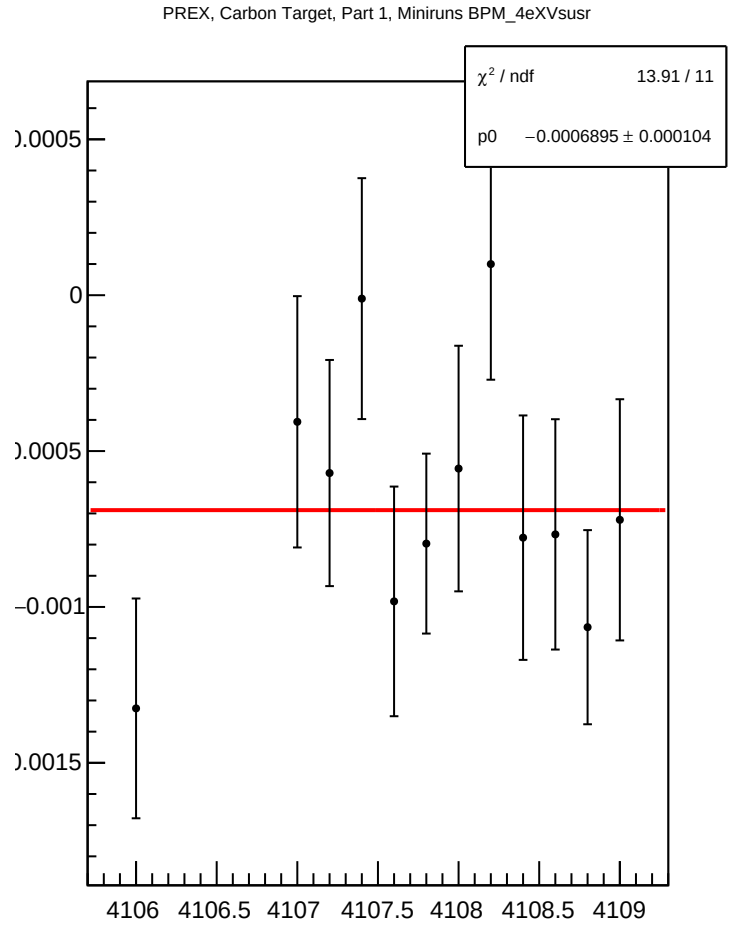

PREX, Carbon Target, Part 1, Miniuns BPM_4eXVsavg
PREX, Carbon Target, Part 1, Miniuns BPM_4eXVsavg
Entries 12
Mean −0.007797
Std Dev 0.00228
χ² / ndf 0.4403 / 8
Constant 1.273 ± 2.507
Mean 0.005908 ± 0.072472
Sigma 0.02265 ± 0.02245
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.012
−0.011
−0.01
−0.009
−0.008
−0.007
−0.006
−0.005

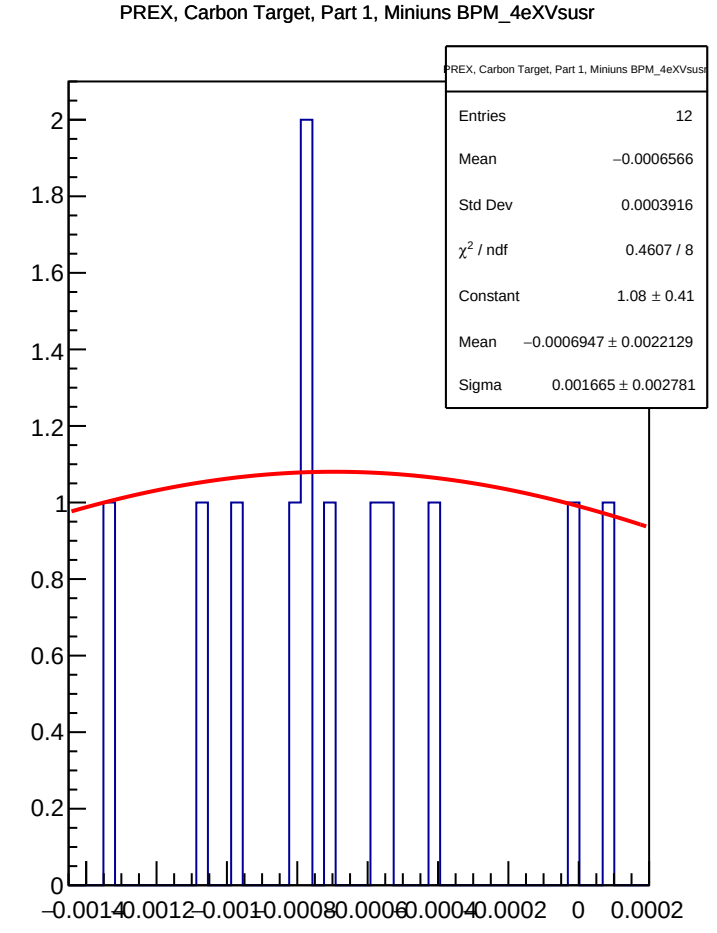

PREX, Carbon Target, Part 1, Miniruns BPM_4eXVsdd
χ² / ndf 10.61 / 11
p0 −0.001204 ± 0.0001075
0
0.0005
−0.001
0.0015
−0.002
4106
4106.5
4107
4107.5
4108
4108.5
4109

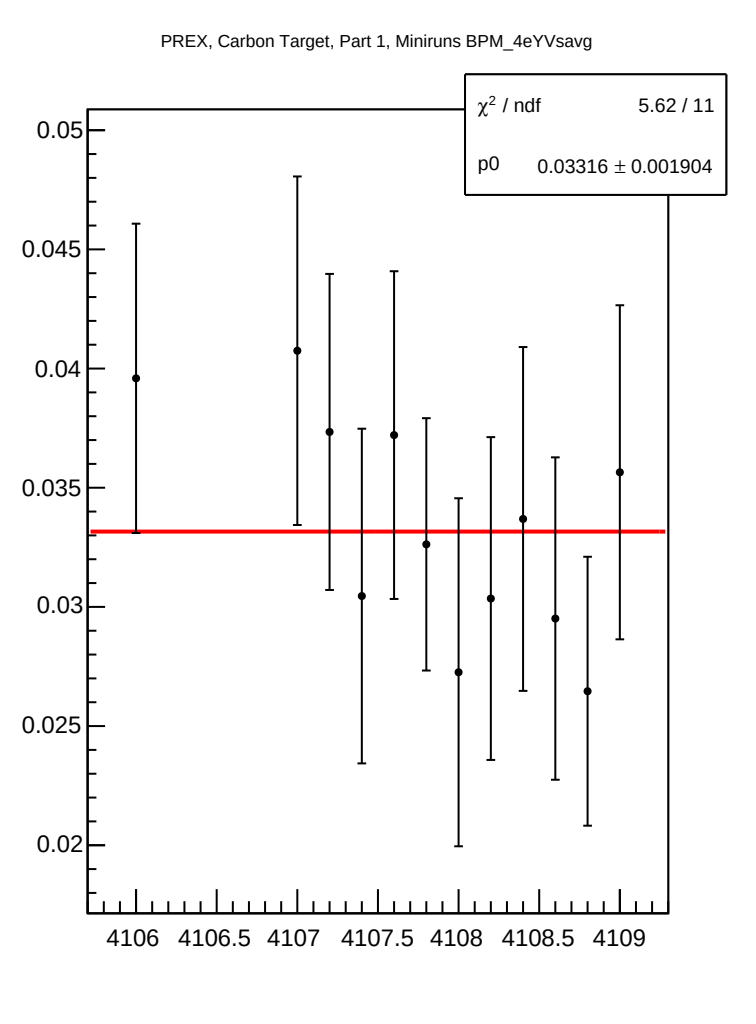

PREX, Carbon Target, Part 1, Miniuns BPM_4eXVsdd
PREX, Carbon Target, Part 1, Miniuns BPM_4eXVsdd
Entries 12
Mean −0.001191
Std Dev 0.0003639
χ² / ndf 0.4537 / 8
Constant 1.094 ± 0.441
Mean −0.001049 ± 0.001837
Sigma 0.001423 ± 0.002261
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.0018
−0.0016
−0.0014
−0.0012
−0.001
−0.0008
−0.0006

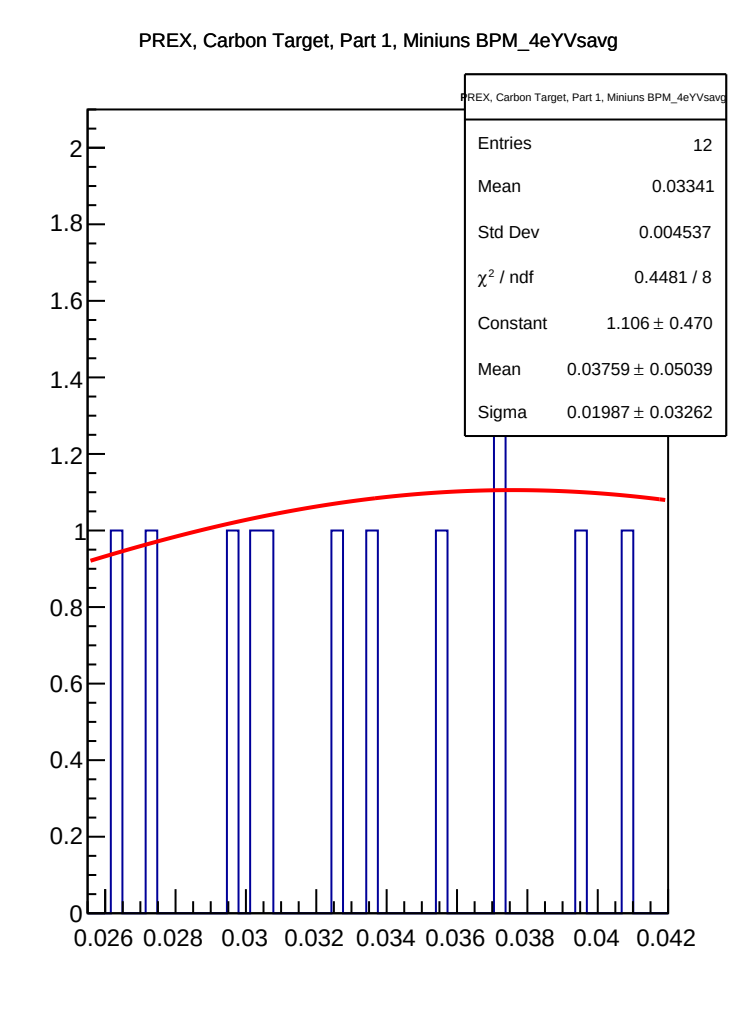

PREX, Carbon Target, Part 1, Miniruns BPM_4eXVsusl
χ² / ndf 12.15 / 11
p0 0.0216 ± 0.0005488
0.026
0.024
0.022
0.02
0.018
0.016
4106
4106.5
4107
4107.5
4108
4108.5
4109

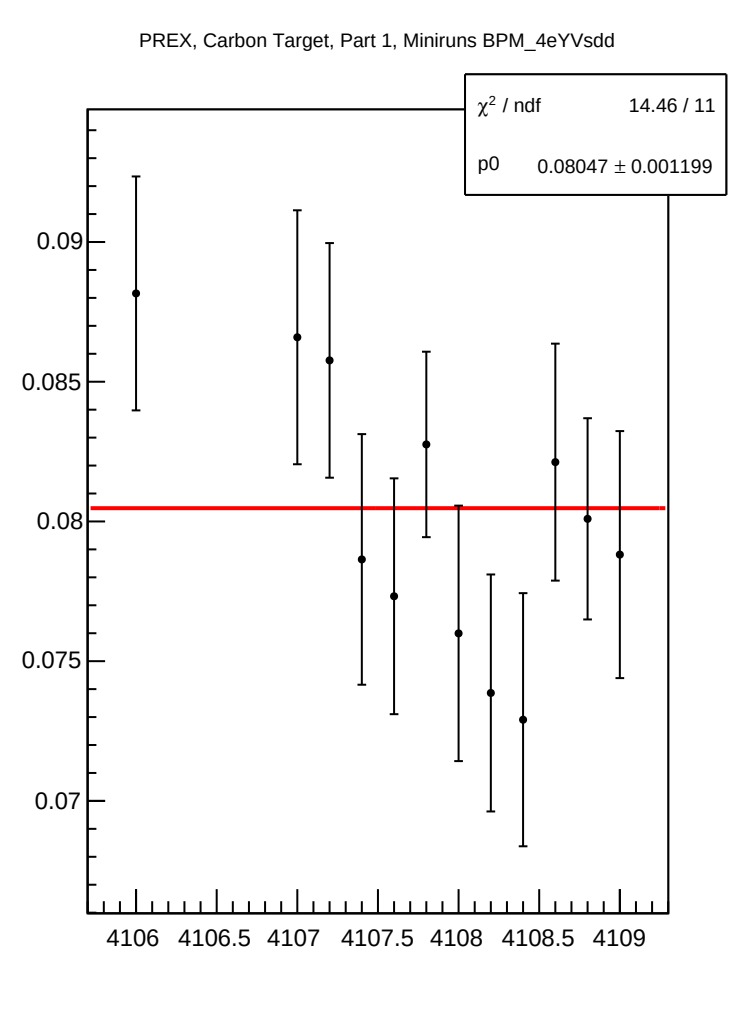

PREX, Carbon Target, Part 1, Miniuns BPM_4eXVsusl
PREX, Carbon Target, Part 1, Miniuns BPM_4eXVsusl
Entries 12
Mean 0.02157
Std Dev 0.001986
χ² / ndf 0.4233 / 8
Constant 1.496 ± 4.439
Mean 0.03788 ± 0.07023
Sigma 0.01974 ± 0.01066
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.017
0.018
0.019
0.02
0.021
0.022
0.023
0.024

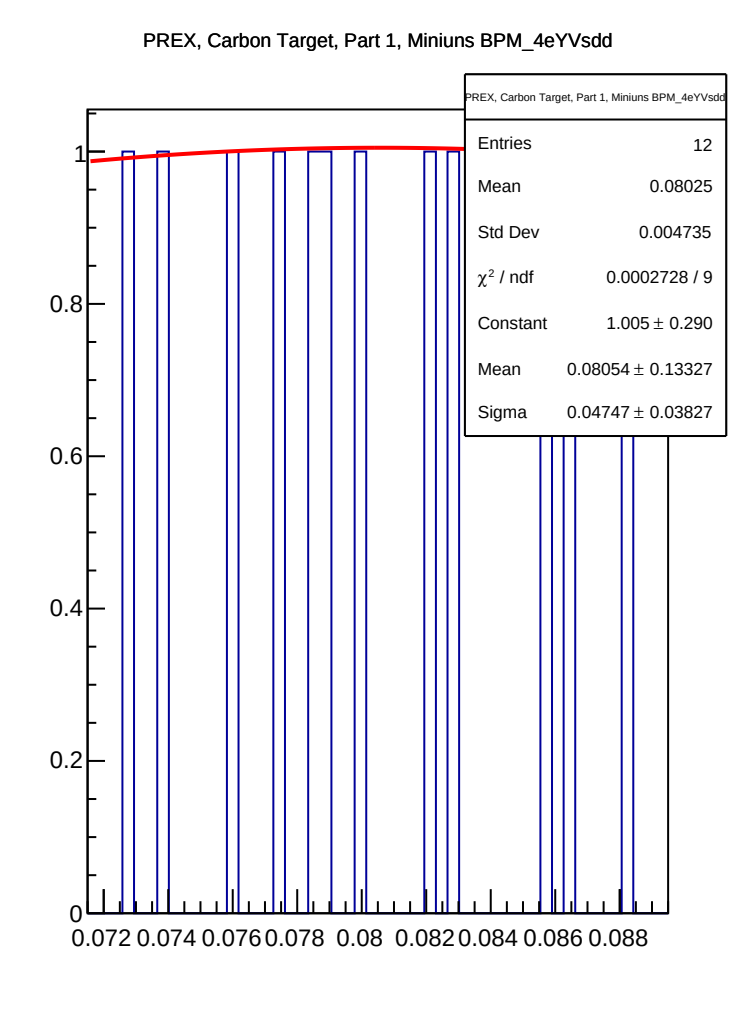

PREX, Carbon Target, Part 1, Miniruns BPM_4eXVsusr
χ² / ndf 13.91 / 11
p0 −0.0006895 ± 0.000104
0.0005
0
0.0005
−0.001
0.0015
4106
4106.5
4107
4107.5
4108
4108.5
4109

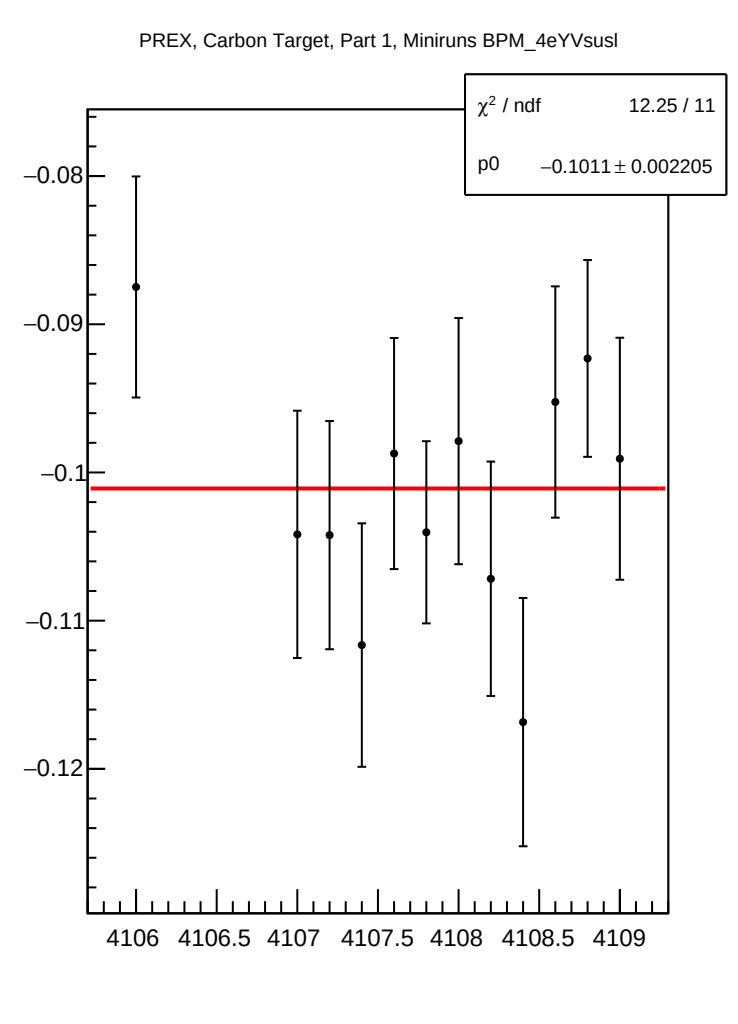

PREX, Carbon Target, Part 1, Miniuns BPM_4eXVsusr
PREX, Carbon Target, Part 1, Miniuns BPM_4eXVsusr
Entries 12
Mean −0.0006566
Std Dev 0.0003916
χ² / ndf 0.4607 / 8
Constant 1.08 ± 0.41
Mean −0.0006947 ± 0.0022129
Sigma 0.001665 ± 0.002781
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.0014
−0.0012
−0.001
−0.0008
−0.0006
−0.0004
−0.0002
0
0.0002

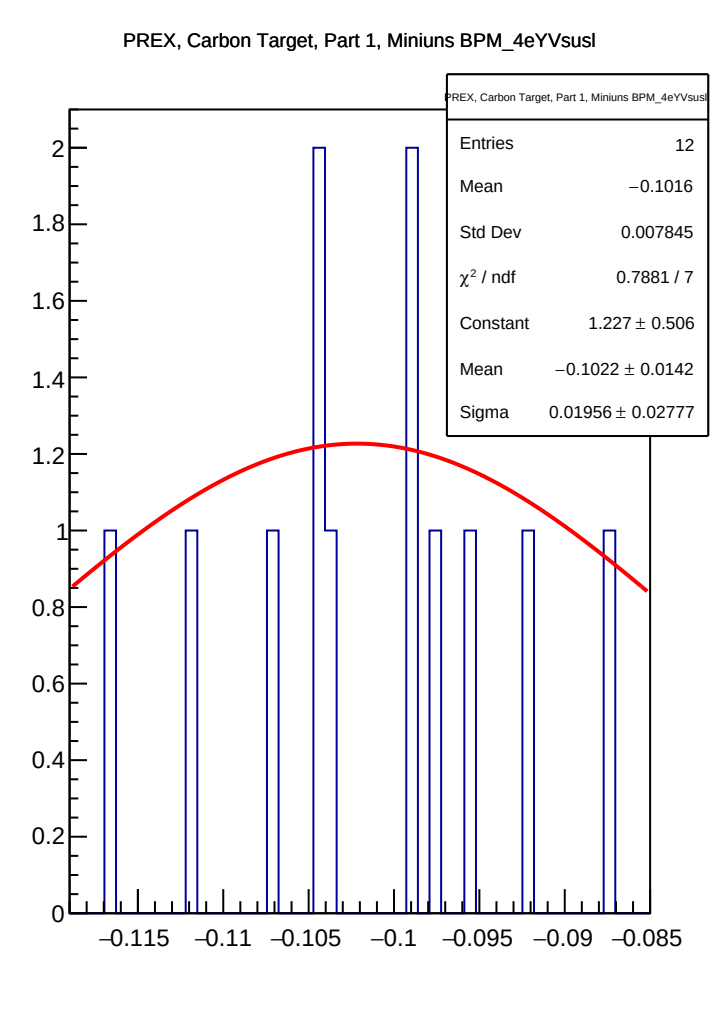

PREX, Carbon Target, Part 1, Miniruns BPM_4eYVsavg
χ² / ndf 5.62 / 11
p0 0.03316 ± 0.001904
0.05
0.045
0.04
0.035
0.03
0.025
0.02
4106
4106.5
4107
4107.5
4108
4108.5
4109

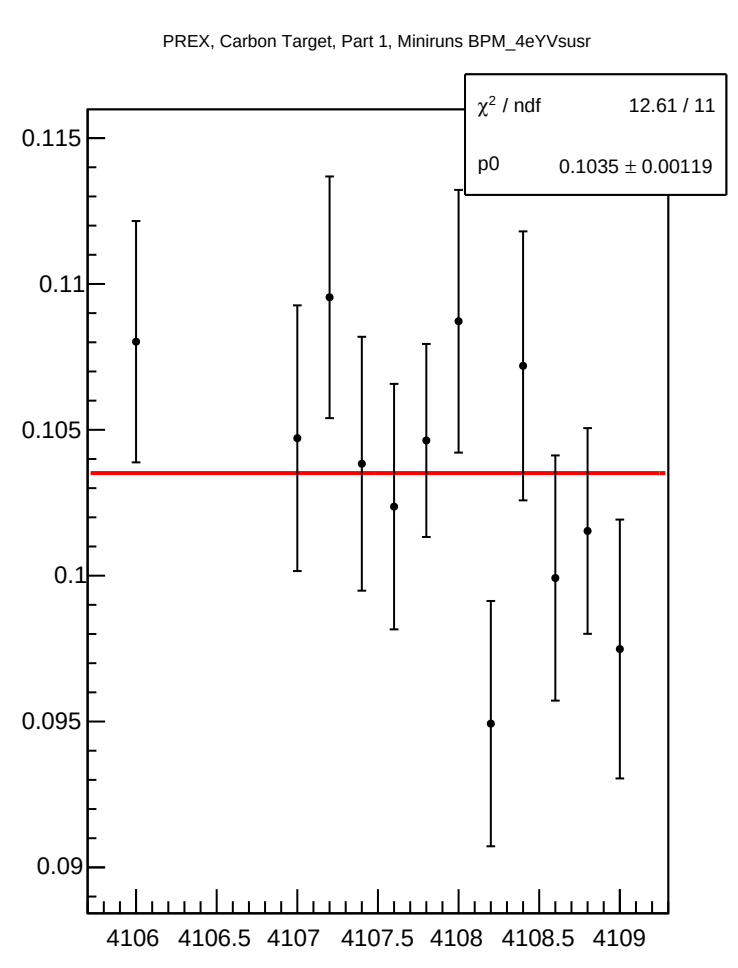

PREX, Carbon Target, Part 1, Miniuns BPM_4eYVsavg
PREX, Carbon Target, Part 1, Miniuns BPM_4eYVsavg
Entries 12
Mean 0.03341
Std Dev 0.004537
χ² / ndf 0.4481 / 8
Constant 1.106 ± 0.470
Mean 0.03759 ± 0.05039
Sigma 0.01987 ± 0.03262
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.026
0.028
0.03
0.032
0.034
0.036
0.038
0.04
0.042

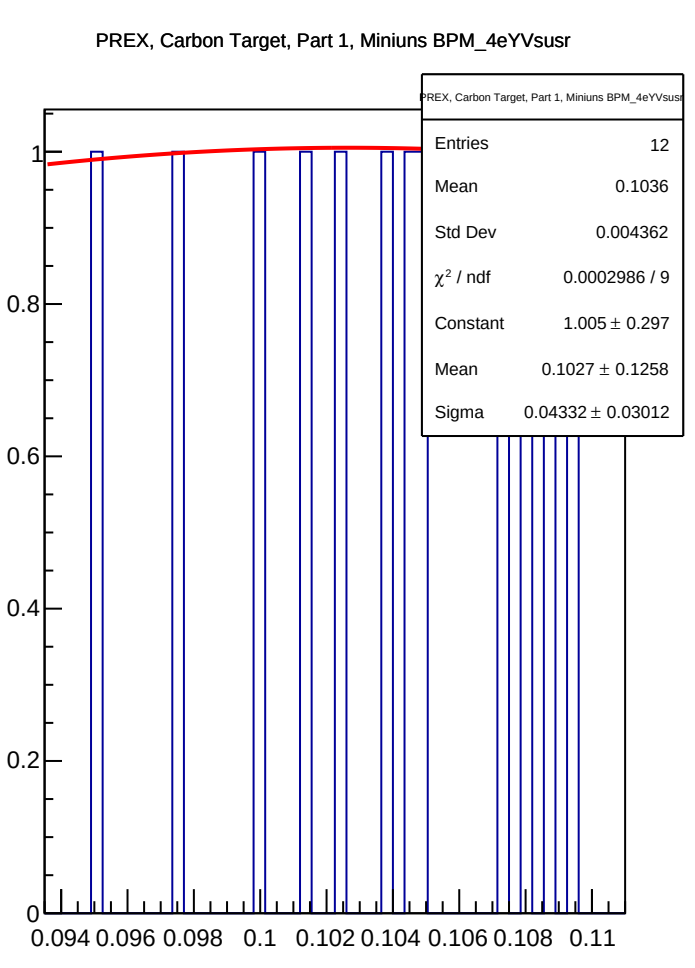

PREX, Carbon Target, Part 1, Miniruns BPM_4eYVsdd
χ² / ndf 14.46 / 11
p0 0.08047 ± 0.001199
0.09
0.085
0.08
0.075
0.07
4106
4106.5
4107
4107.5
4108
4108.5
4109

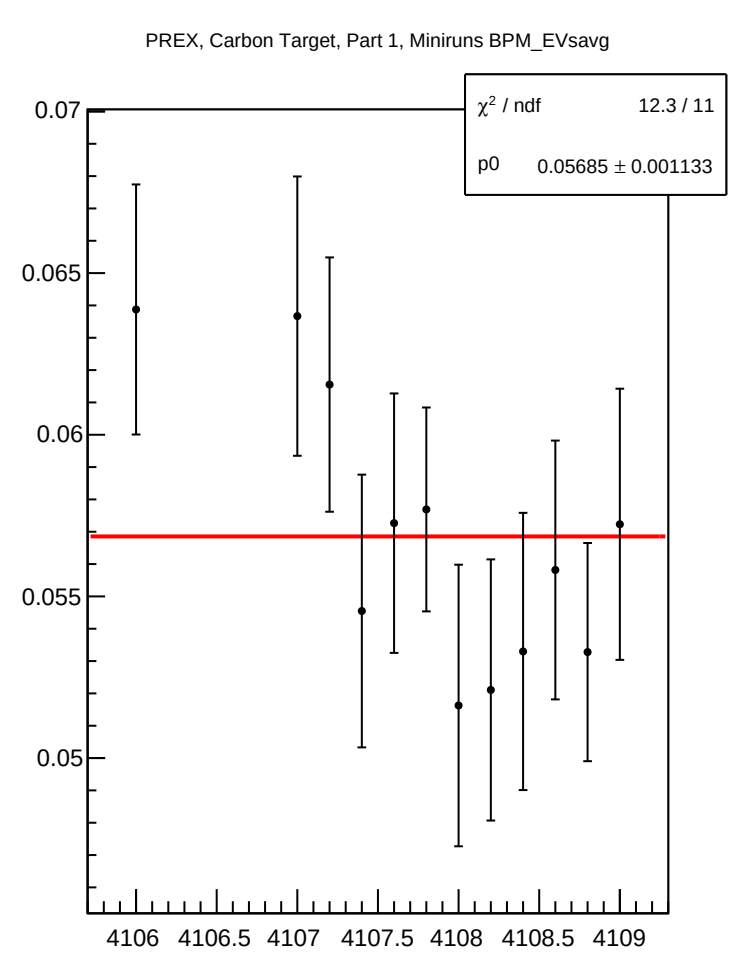

PREX, Carbon Target, Part 1, Miniuns BPM_4eYVsdd
PREX, Carbon Target, Part 1, Miniuns BPM_4eYVsdd
Entries 12
Mean 0.08025
Std Dev 0.004735
χ² / ndf 0.0002728 / 9
Constant 1.005 ± 0.290
Mean 0.08054 ± 0.13327
Sigma 0.04747 ± 0.03827
1
0.8
0.6
0.4
0.2
0
0.072
0.074
0.076
0.078
0.08
0.082
0.084
0.086
0.088

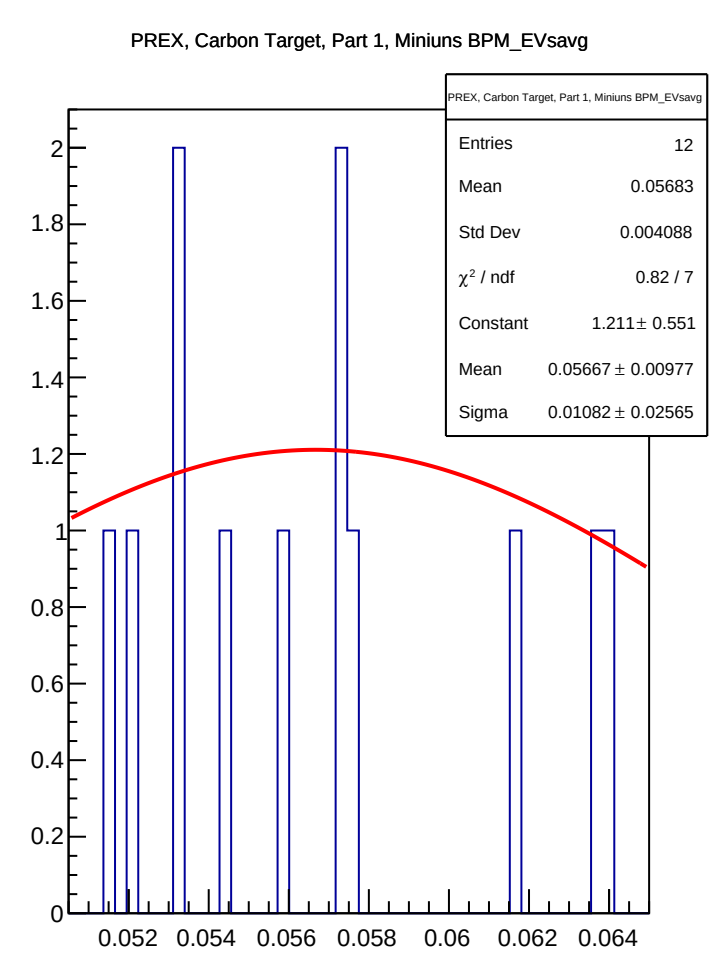

PREX, Carbon Target, Part 1, Miniruns BPM_4eYVsusl
χ² / ndf 12.25 / 11
p0 −0.1011 ± 0.002205
−0.08
−0.09
−0.1
−0.11
−0.12
4106
4106.5
4107
4107.5
4108
4108.5
4109

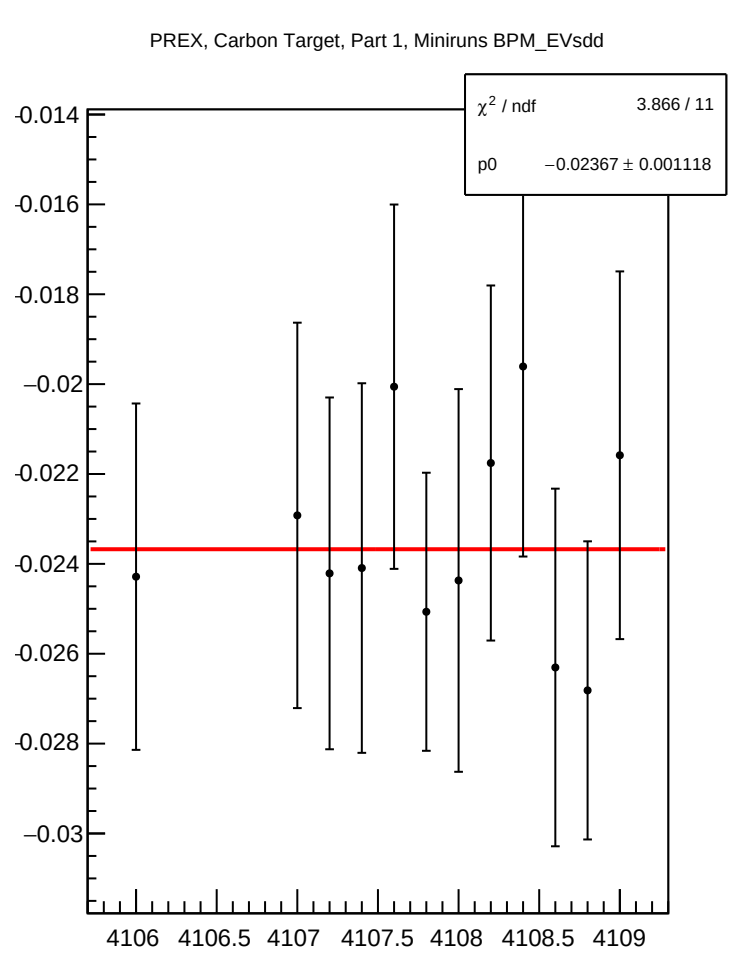

PREX, Carbon Target, Part 1, Miniuns BPM_4eYVsusl
PREX, Carbon Target, Part 1, Miniuns BPM_4eYVsusl
Entries 12
Mean −0.1016
Std Dev 0.007845
χ² / ndf 0.7881 / 7
Constant 1.227 ± 0.506
Mean −0.1022 ± 0.0142
Sigma 0.01956 ± 0.02777
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.115
−0.11
−0.105
−0.1
−0.095
−0.09
−0.085

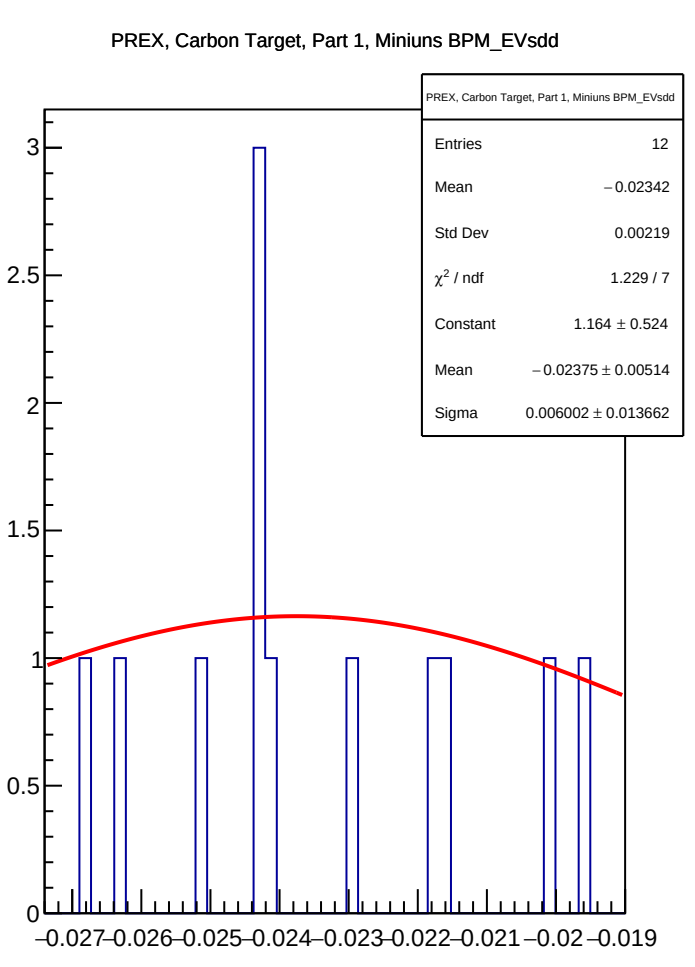

PREX, Carbon Target, Part 1, Miniruns BPM_4eYVsusr
χ² / ndf 12.61 / 11
p0 0.1035 ± 0.00119
0.115
0.11
0.105
0.1
0.095
0.09
4106
4106.5
4107
4107.5
4108
4108.5
4109

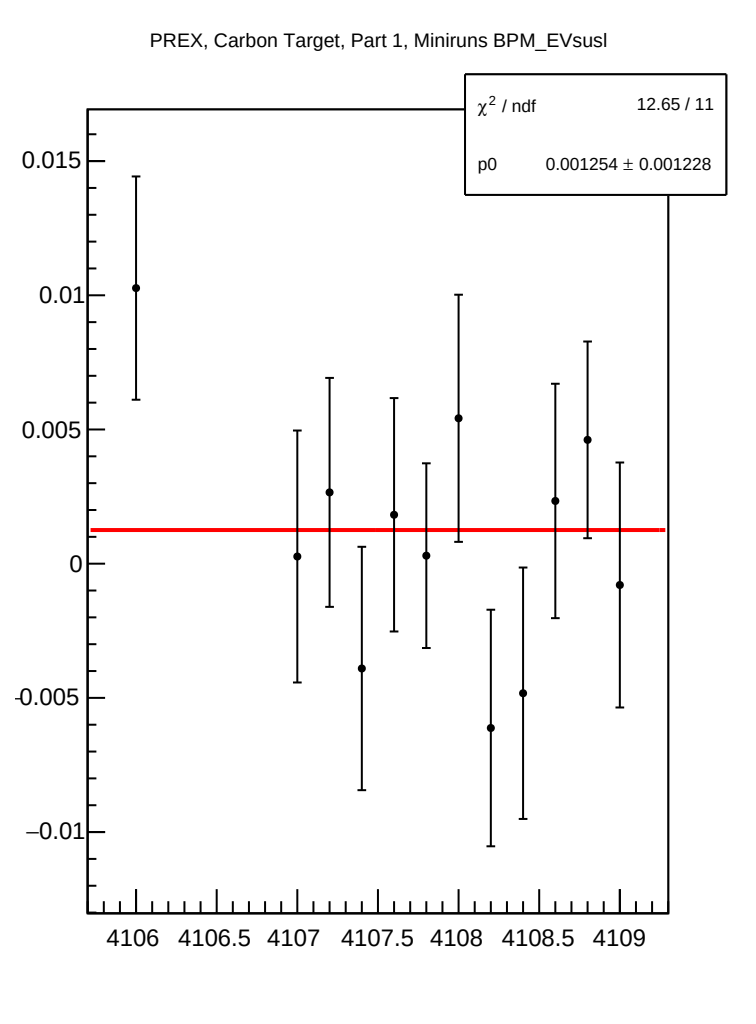

PREX, Carbon Target, Part 1, Miniuns BPM_4eYVsusr
PREX, Carbon Target, Part 1, Miniuns BPM_4eYVsusr
Entries 12
Mean 0.1036
Std Dev 0.004362
χ² / ndf 0.0002986 / 9
Constant 1.005 ± 0.297
Mean 0.1027 ± 0.1258
Sigma 0.04332 ± 0.03012
1
0.8
0.6
0.4
0.2
0
0.094
0.096
0.098
0.1
0.102
0.104
0.106
0.108
0.11

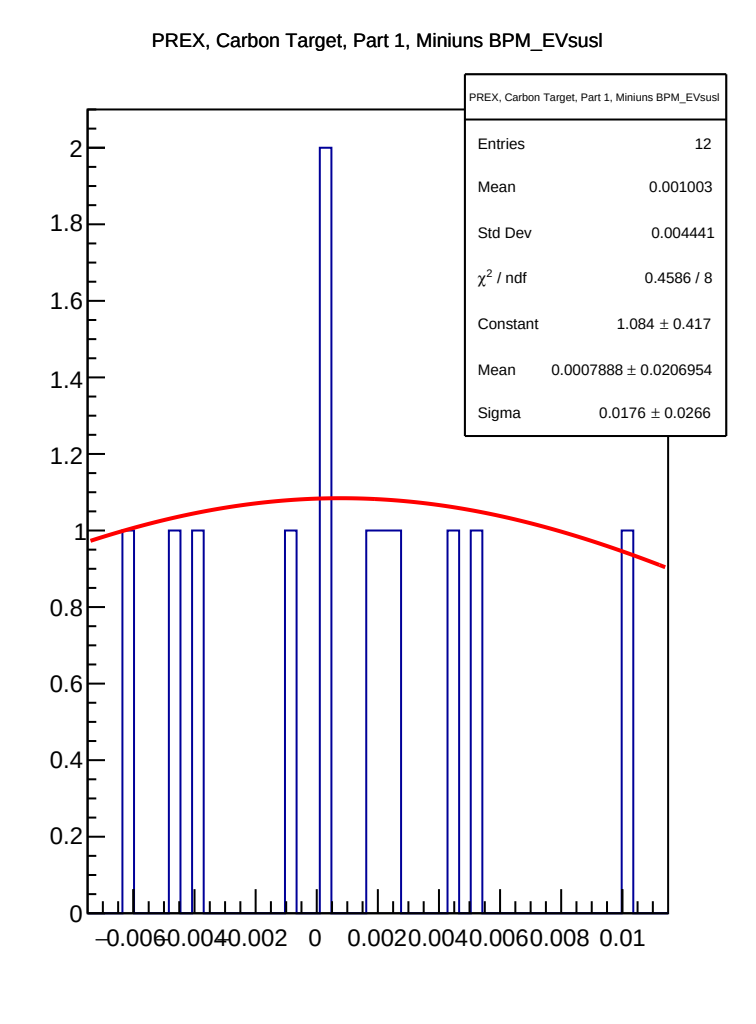

PREX, Carbon Target, Part 1, Miniruns BPM_EVsavg
χ² / ndf 12.3 / 11
p0 0.05685 ± 0.001133
0.07
0.065
0.06
0.055
0.05
4106
4106.5
4107
4107.5
4108
4108.5
4109

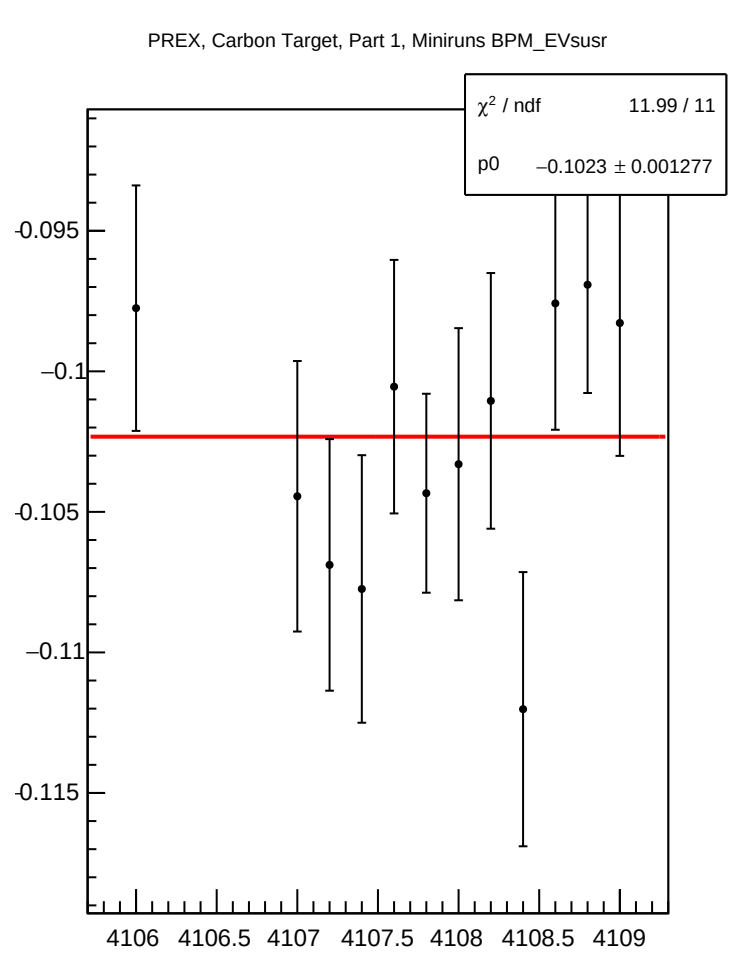

PREX, Carbon Target, Part 1, Miniuns BPM_EVsavg
PREX, Carbon Target, Part 1, Miniuns BPM_EVsavg
Entries 12
Mean 0.05683
Std Dev 0.004088
χ² / ndf 0.82 / 7
Constant 1.211± 0.551
Mean 0.05667 ± 0.00977
Sigma 0.01082 ± 0.02565
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.052
0.054
0.056
0.058
0.06
0.062
0.064

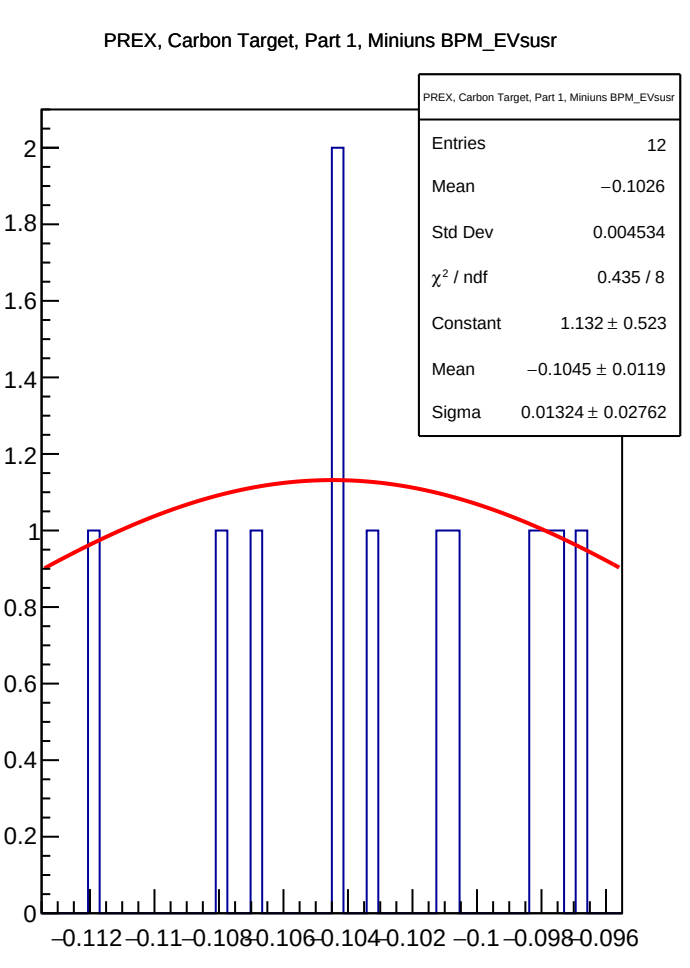

PREX, Carbon Target, Part 1, Miniruns BPM_EVsdd
χ² / ndf 3.866 / 11
p0 −0.02367 ± 0.001118
-0.014
-0.016
-0.018
−0.02
-0.022
-0.024
-0.026
-0.028
−0.03
4106
4106.5
4107
4107.5
4108
4108.5
4109

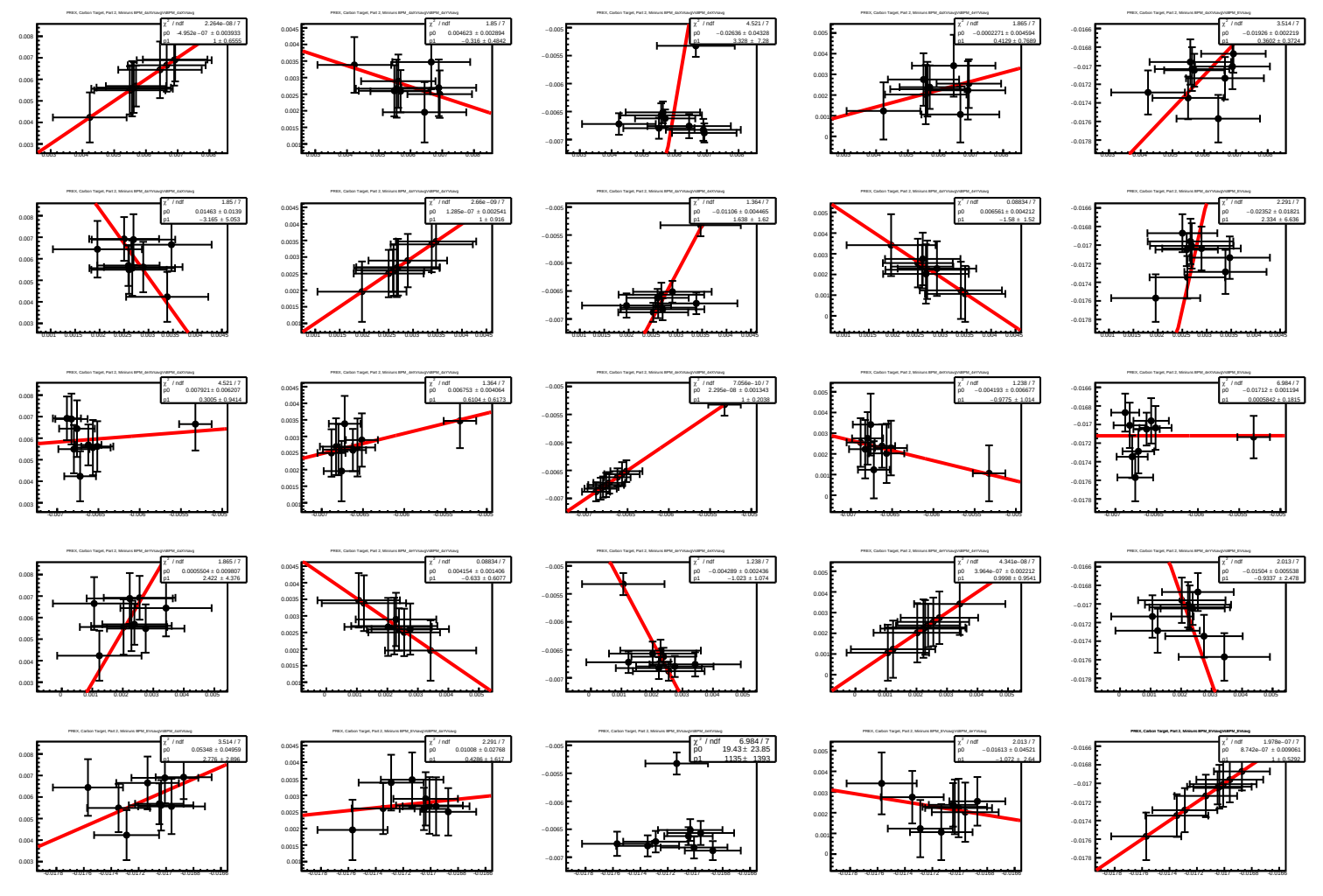

PREX, Carbon Target, Part 1, Miniuns BPM_EVsdd
PREX, Carbon Target, Part 1, Miniuns BPM_EVsdd
Entries 12
Mean −0.02342
Std Dev 0.00219
χ² / ndf 1.229 / 7
Constant 1.164 ± 0.524
Mean −0.02375 ± 0.00514
Sigma 0.006002 ± 0.013662
3
2.5
2
1.5
1
0.5
0
−0.027
−0.026
−0.025
−0.024
−0.023
−0.022
−0.021
−0.02
−0.019

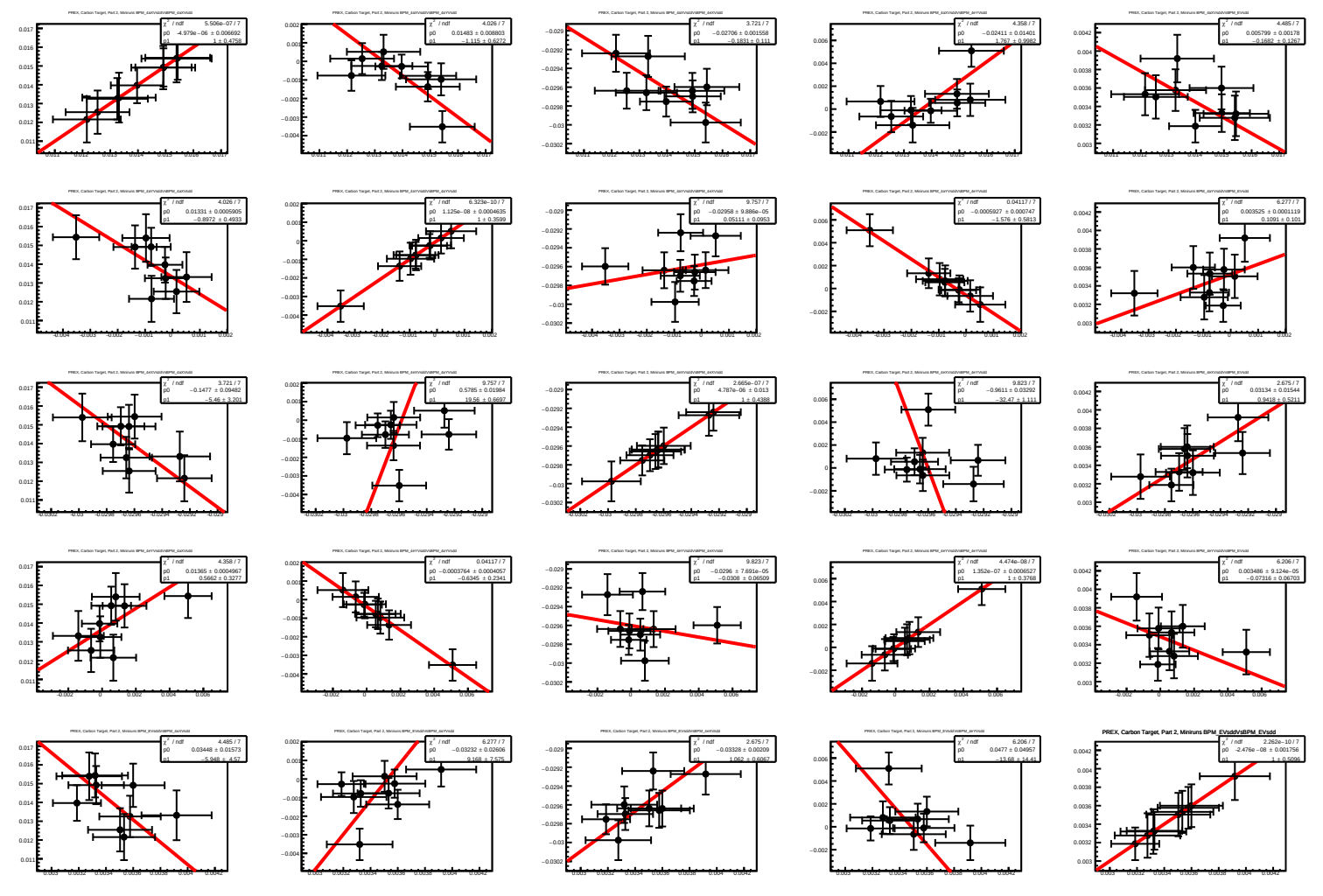

PREX, Carbon Target, Part 1, Miniruns BPM_EVsusl
χ² / ndf 12.65 / 11
p0 0.001254 ± 0.001228
0.015
0.01
0.005
0
-0.005
−0.01
4106
4106.5
4107
4107.5
4108
4108.5
4109

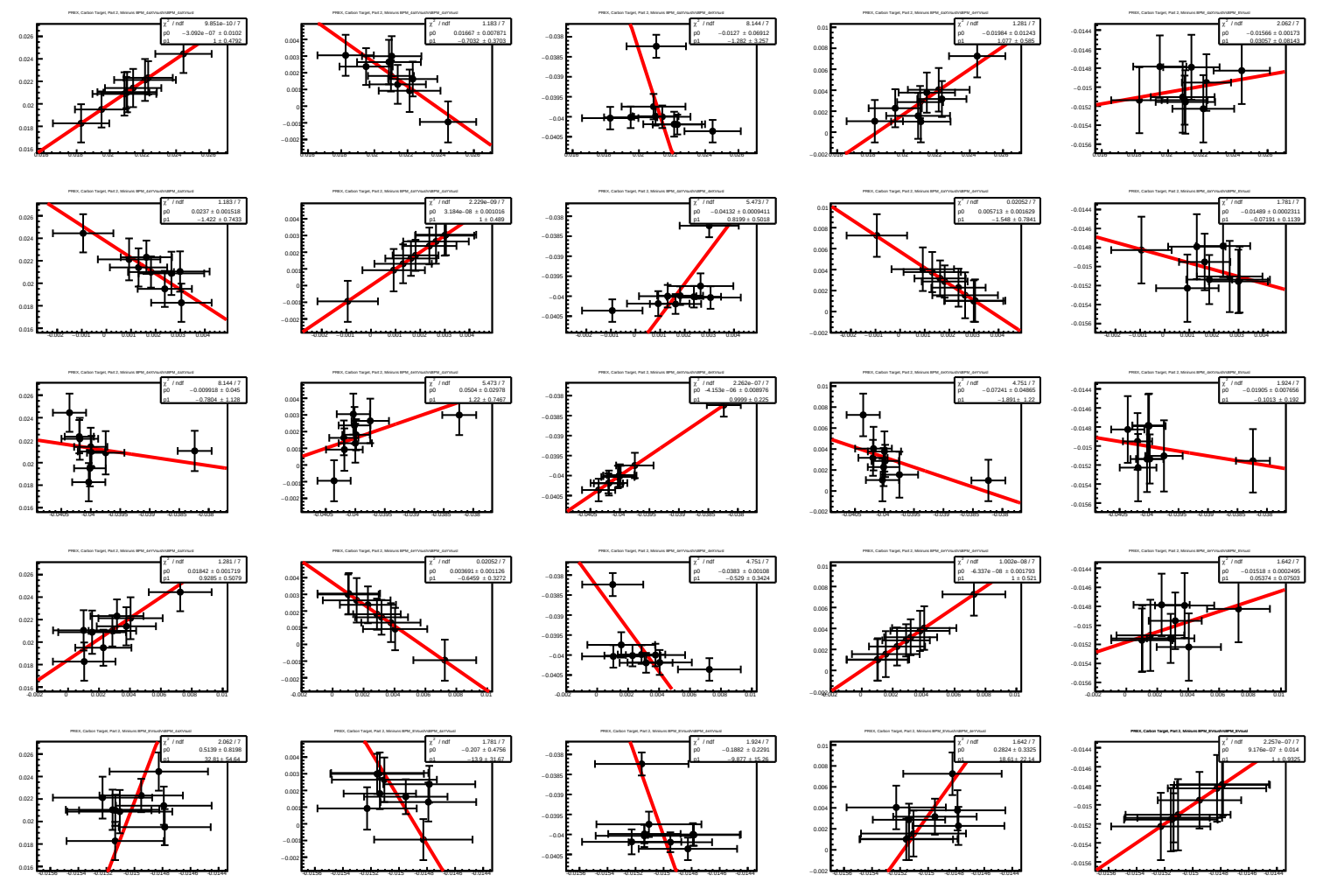

PREX, Carbon Target, Part 1, Miniuns BPM_EVsusl
PREX, Carbon Target, Part 1, Miniuns BPM_EVsusl
Entries 12
Mean 0.001003
Std Dev 0.004441
χ² / ndf 0.4586 / 8
Constant 1.084 ± 0.417
Mean 0.0007888 ± 0.0206954
Sigma 0.0176 ± 0.0266
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.006
−0.004
−0.002
0
0.002
0.004
0.006
0.008
0.01

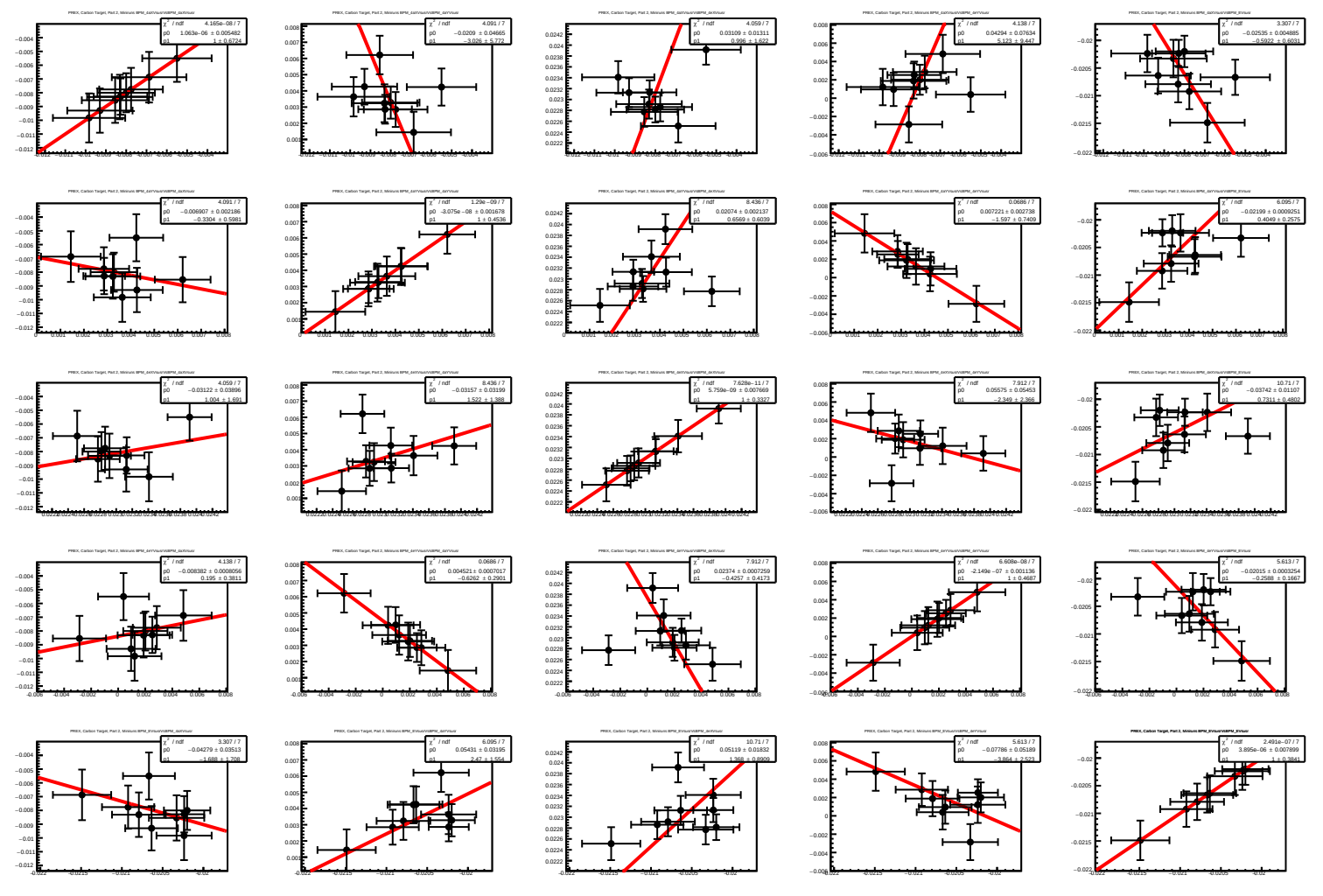

PREX, Carbon Target, Part 1, Miniruns BPM_EVsusr
χ² / ndf 11.99 / 11
p0 −0.1023 ± 0.001277
-0.095
−0.1
-0.105
−0.11
-0.115
4106
4106.5
4107
4107.5
4108
4108.5
4109

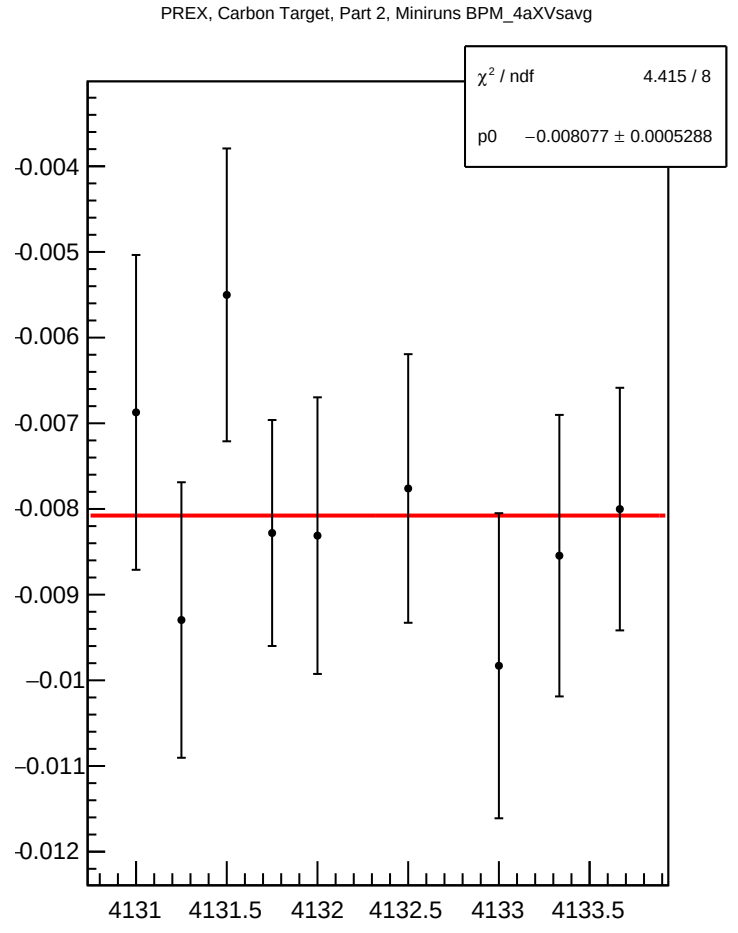

PREX, Carbon Target, Part 1, Miniuns BPM_EVsusr
PREX, Carbon Target, Part 1, Miniuns BPM_EVsusr
Entries 12
Mean −0.1026
Std Dev 0.004534
χ² / ndf 0.435 / 8
Constant 1.132 ± 0.523
Mean −0.1045 ± 0.0119
Sigma 0.01324 ± 0.02762
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.112
−0.11
−0.108
−0.106
−0.104
−0.102
−0.1
−0.098
−0.096

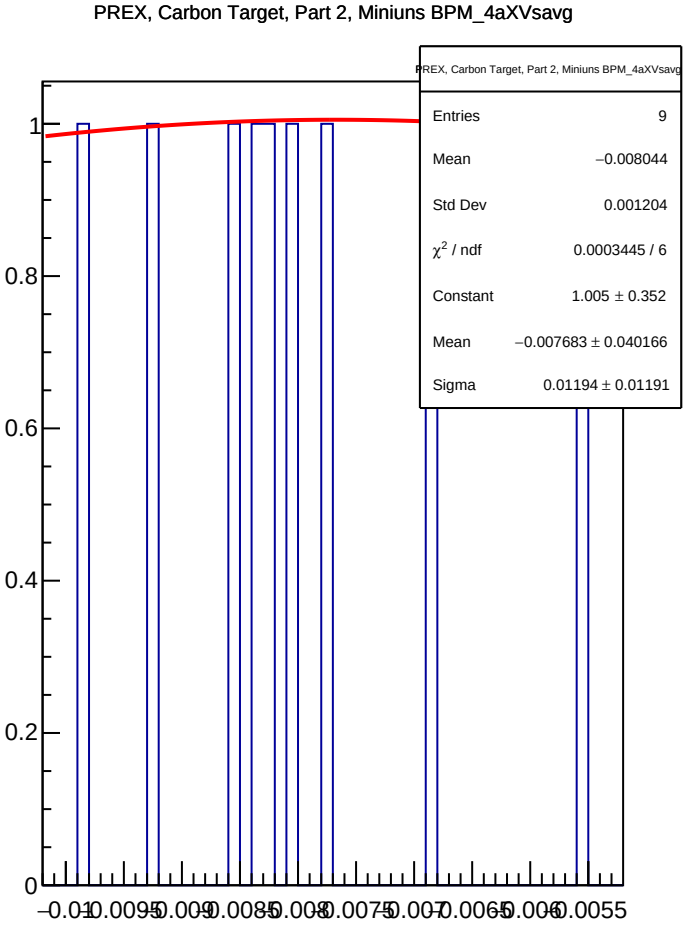


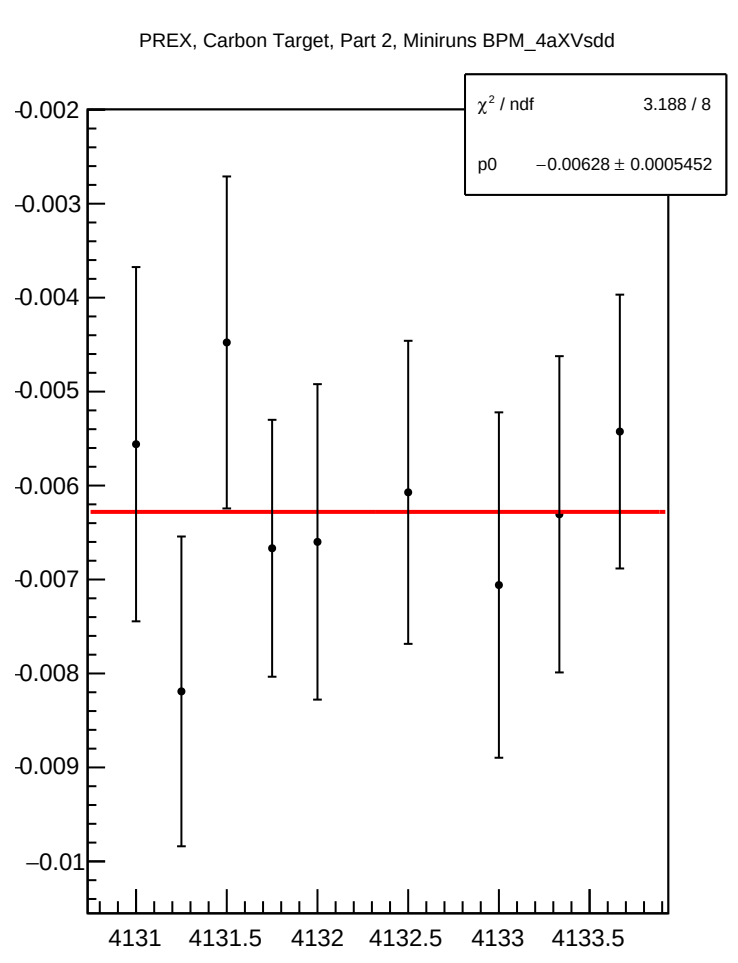

PREX, Carbon Target, Part 2, Miniruns BPM_EvVsddVsBPM_EvVsdd
χ² / ndf 5.506e−07 / 7
p0 −4.979e−06 ± 0.006692
p1 1 ± 0.4758
χ² / ndf 4.026 / 7
p0 0.01483 ± 0.008803
p1 −1.115 ± 0.6272
χ² / ndf 3.721 / 7
p0 −0.02706 ± 0.001558
p1 −0.1831 ± 0.111
χ² / ndf 4.358 / 7
p0 −0.02411 ± 0.01401
p1 1.767 ± 0.9982
χ² / ndf 4.485 / 7
p0 0.005799 ± 0.00178
p1 −0.1682 ± 0.1267
χ² / ndf 4.026 / 7
p0 0.01331 ± 0.0005905
p1 −0.8972 ± 0.4933
χ² / ndf 6.323e−10 / 7
p0 1.125e−08 ± 0.0004635
p1 1 ± 0.3599
χ² / ndf 9.757 / 7
p0 −0.02958 ± 9.886e−05
p1 0.05111 ± 0.0953
χ² / ndf 0.04117 / 7
p0 −0.0005927 ± 0.000747
p1 −1.576 ± 0.5813
χ² / ndf 6.277 / 7
p0 0.003525 ± 0.0001119
p1 0.1091 ± 0.101
χ² / ndf 3.721 / 7
p0 −0.1477 ± 0.09482
p1 −5.46 ± 3.201
χ² / ndf 9.757 / 7
p0 0.5785 ± 0.01984
p1 19.56 ± 0.6697
χ² / ndf 2.665e−07 / 7
p0 4.787e−06 ± 0.013
p1 1 ± 0.4388
χ² / ndf 9.823 / 7
p0 −0.9611 ± 0.03292
p1 −32.47 ± 1.111
χ² / ndf 2.675 / 7
p0 0.03134 ± 0.01544
p1 0.9418 ± 0.5211
χ² / ndf 4.358 / 7
p0 0.01365 ± 0.0004967
p1 0.5662 ± 0.3277
χ² / ndf 0.04117 / 7
p0 −0.0003764 ± 0.0004057
p1 −0.6345 ± 0.2341
χ² / ndf 9.823 / 7
p0 −0.0296 ± 7.691e−05
p1 −0.0308 ± 0.06509
χ² / ndf 4.474e−08 / 7
p0 1.352e−07 ± 0.0006527
p1 1 ± 0.3768
χ² / ndf 6.206 / 7
p0 0.003486 ± 9.124e−05
p1 −0.07316 ± 0.06703
χ² / ndf 4.485 / 7
p0 0.03448 ± 0.01573
p1 −5.948 ± 4.57
χ² / ndf 6.277 / 7
p0 −0.03232 ± 0.02606
p1 9.168 ± 7.575
χ² / ndf 2.675 / 7
p0 −0.03328 ± 0.00209
p1 1.062 ± 0.6067
χ² / ndf 6.206 / 7
p0 0.0477 ± 0.04957
p1 −13.68 ± 14.41
PREX, Carbon Target, Part 2, Miniruns BPM_EVsddVsBPM_EVsdd
χ² / ndf 2.262e−10 / 7
p0 −2.476e−08 ± 0.001756
p1 1 ± 0.5096

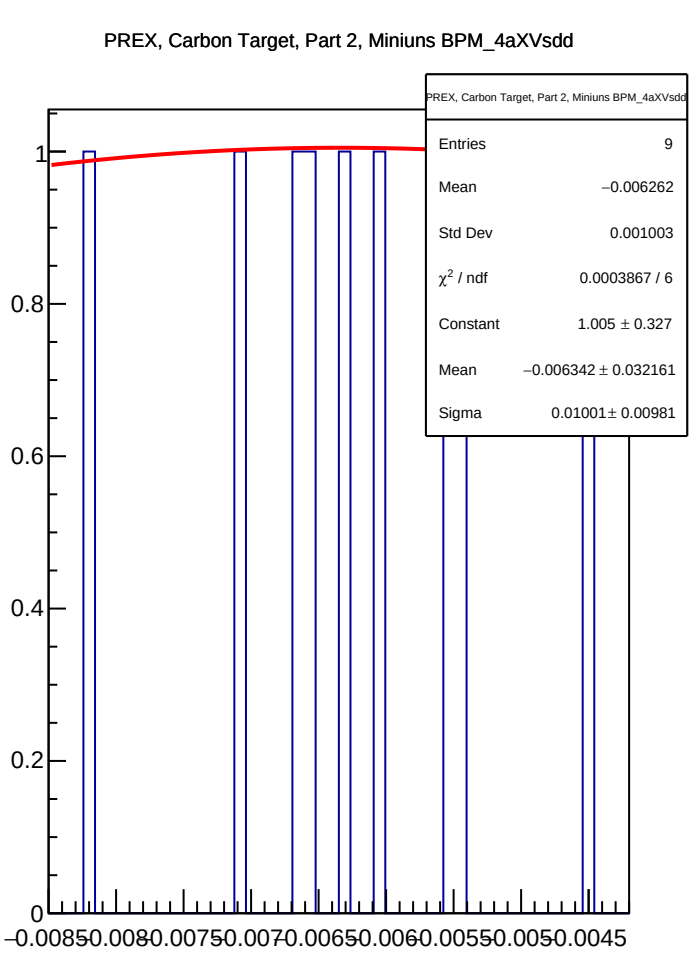


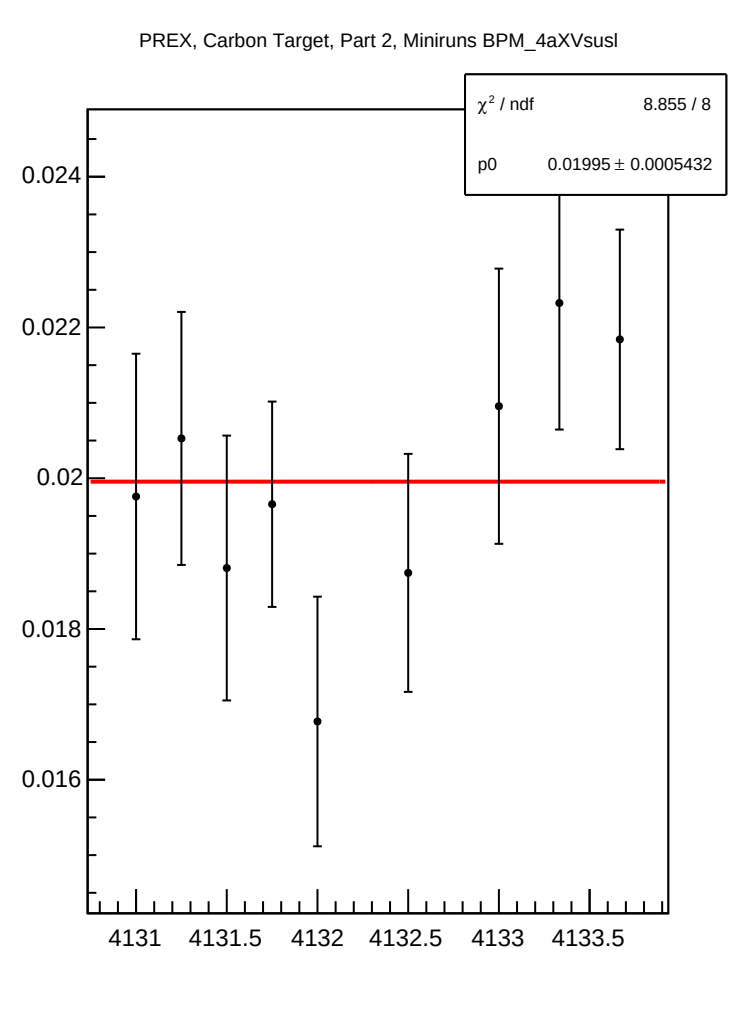


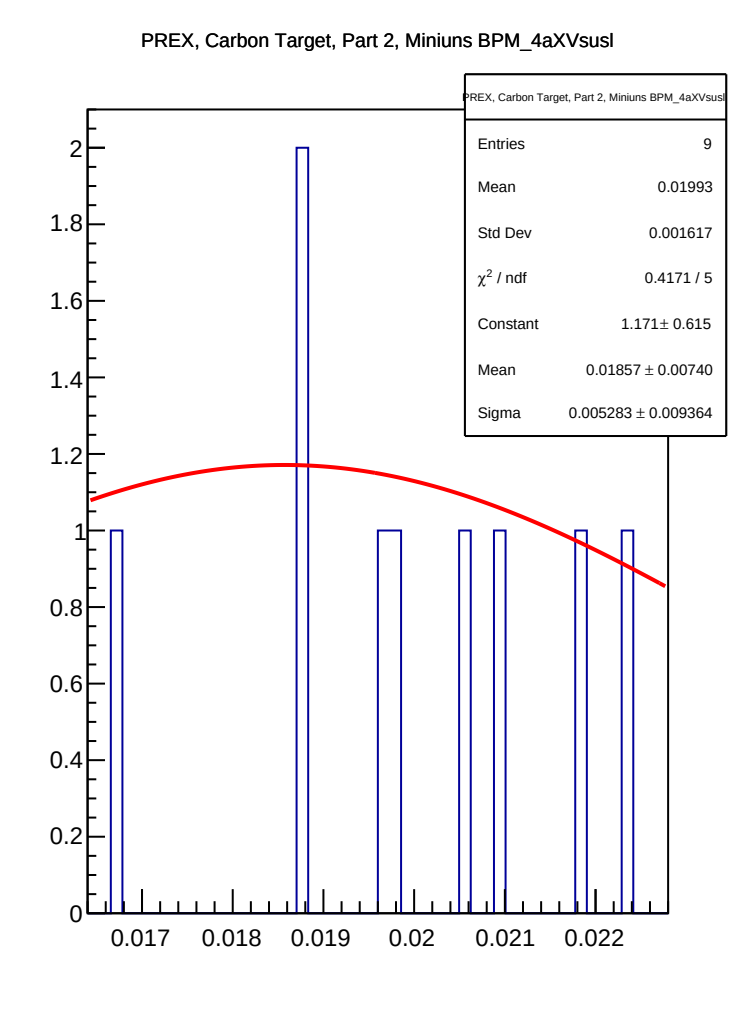

PREX, Carbon Target, Part 2, Miniruns BPM_4aXVsavg
χ² / ndf 4.415 / 8
p0 −0.008077 ± 0.0005288
-0.004
-0.005
-0.006
-0.007
-0.008
-0.009
−0.01
−0.011
-0.012
4131
4131.5
4132
4132.5
4133
4133.5

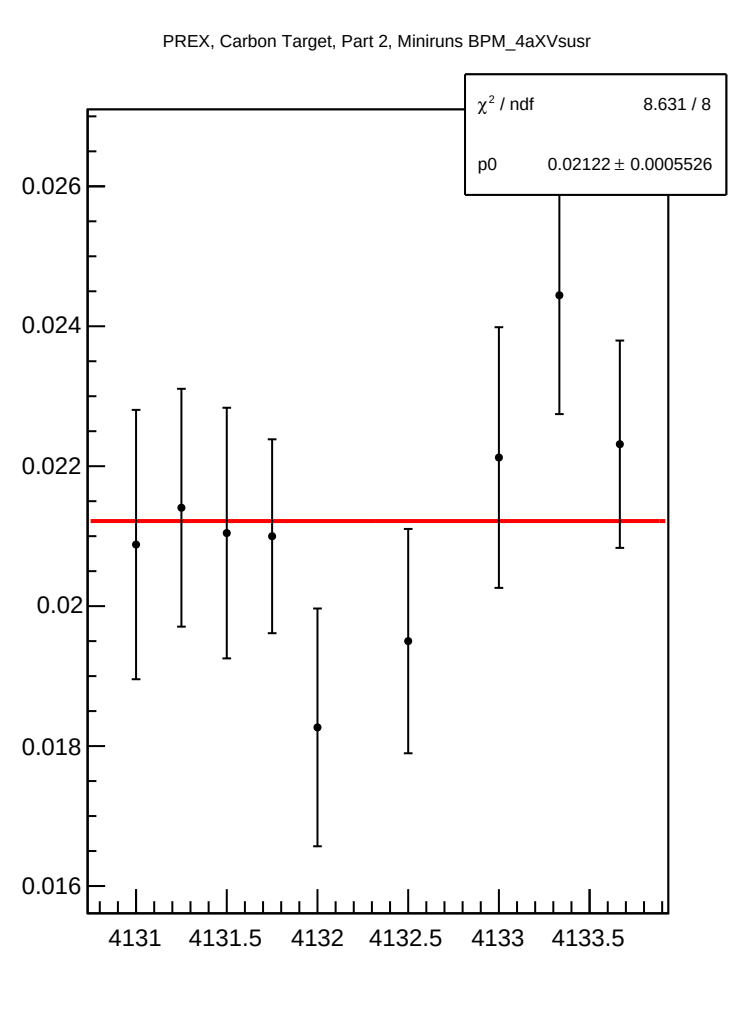

PREX, Carbon Target, Part 2, Miniuns BPM_4aXVsavg
PREX, Carbon Target, Part 2, Miniuns BPM_4aXVsavg
Entries 9
Mean −0.008044
Std Dev 0.001204
χ² / ndf 0.0003445 / 6
Constant 1.005 ± 0.352
Mean −0.007683 ± 0.040166
Sigma 0.01194 ± 0.01191
1
0.8
0.6
0.4
0.2
0
−0.01
−0.0095
−0.009
−0.0085
−0.008
−0.0075
−0.007
−0.0065
−0.006
−0.0055

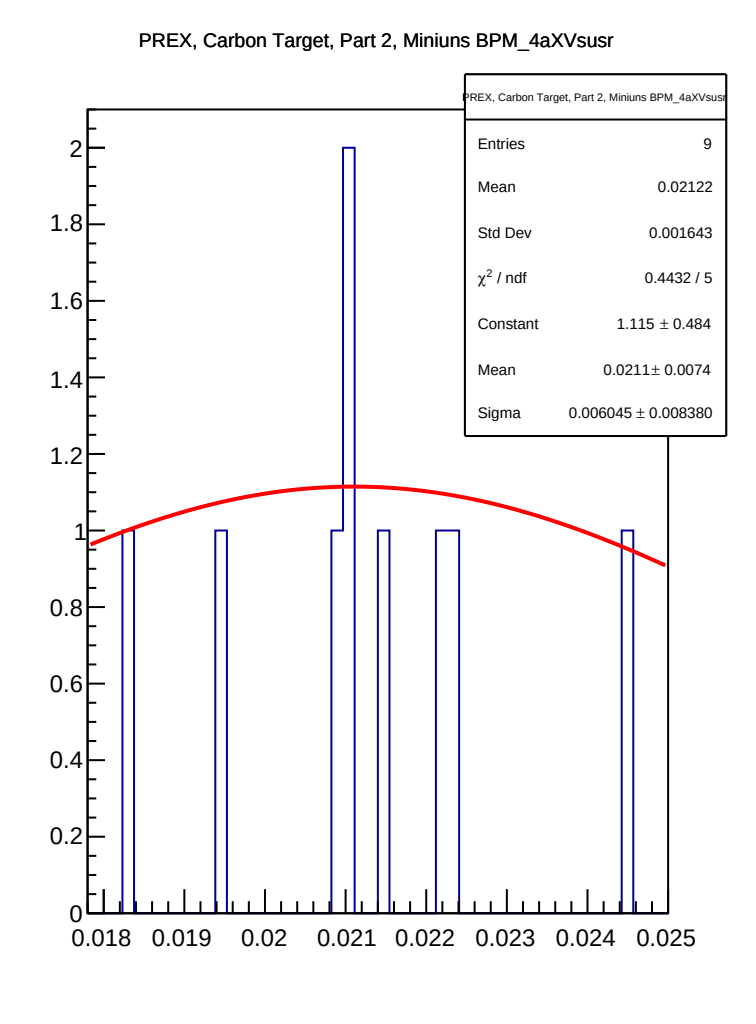

PREX, Carbon Target, Part 2, Miniruns BPM_4aXVsdd
χ² / ndf 3.188 / 8
p0 −0.00628 ± 0.0005452
-0.002
-0.003
-0.004
-0.005
-0.006
-0.007
-0.008
-0.009
−0.01
4131
4131.5
4132
4132.5
4133
4133.5

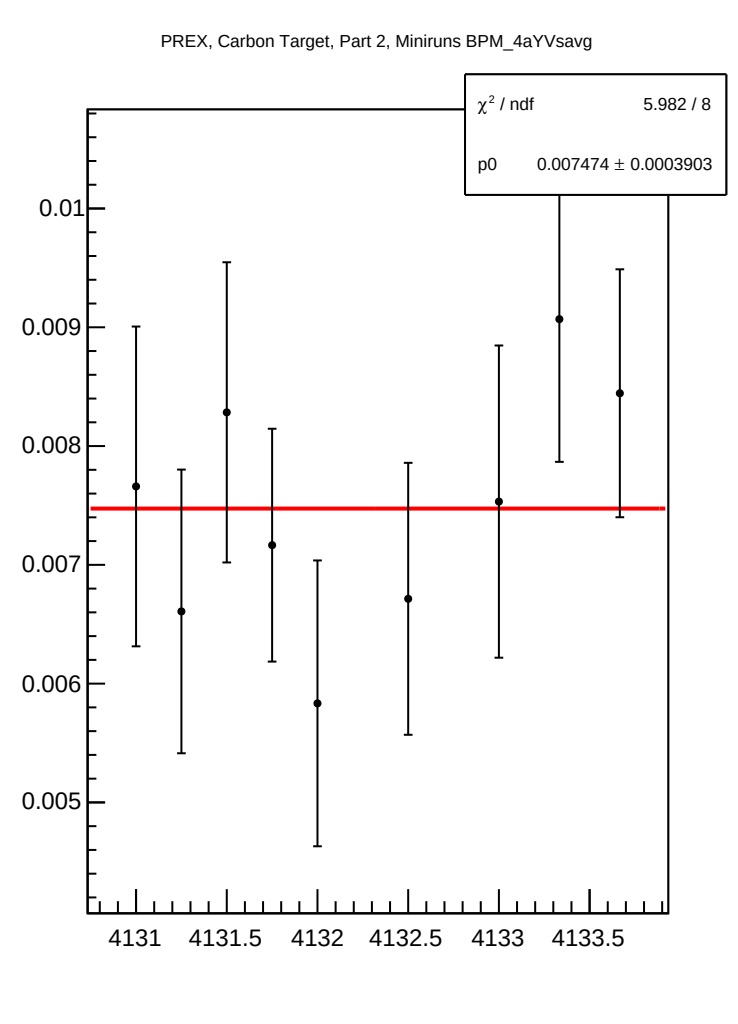

PREX, Carbon Target, Part 2, Miniuns BPM_4aXVsdd
PREX, Carbon Target, Part 2, Miniuns BPM_4aXVsdd
Entries 9
Mean −0.006262
Std Dev 0.001003
χ² / ndf 0.0003867 / 6
Constant 1.005 ± 0.327
Mean −0.006342 ± 0.032161
Sigma 0.01001± 0.00981
1
0.8
0.6
0.4
0.2
0
−0.0085
−0.008
−0.0075
−0.007
−0.0065
−0.006
−0.0055
−0.005
−0.0045

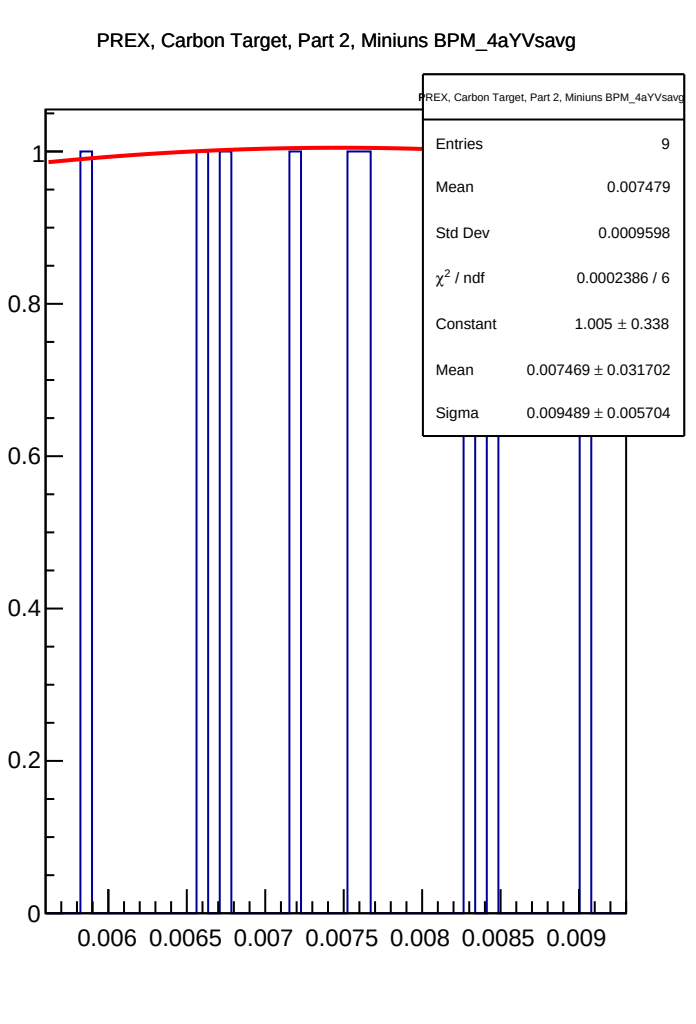

PREX, Carbon Target, Part 2, Miniruns BPM_4aXVsusl
χ² / ndf 8.855 / 8
p0 0.01995 ± 0.0005432
0.024
0.022
0.02
0.018
0.016
4131
4131.5
4132
4132.5
4133
4133.5

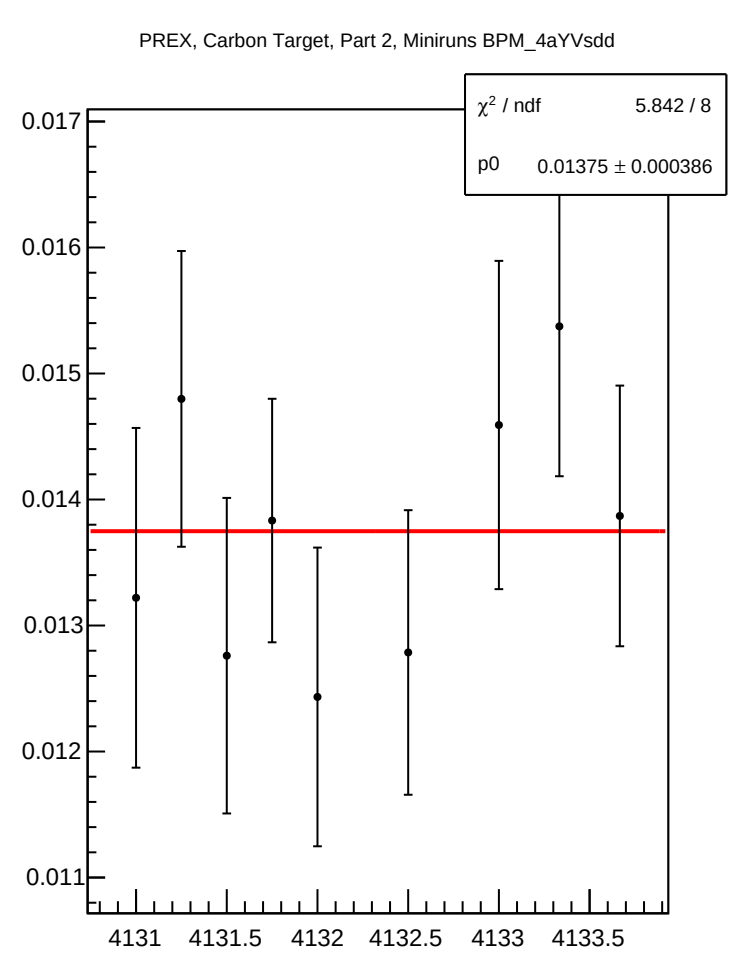

PREX, Carbon Target, Part 2, Miniuns BPM_4aXVsusl
PREX, Carbon Target, Part 2, Miniuns BPM_4aXVsusl
Entries 9
Mean 0.01993
Std Dev 0.001617
χ² / ndf 0.4171 / 5
Constant 1.171± 0.615
Mean 0.01857 ± 0.00740
Sigma 0.005283 ± 0.009364
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.017
0.018
0.019
0.02
0.021
0.022

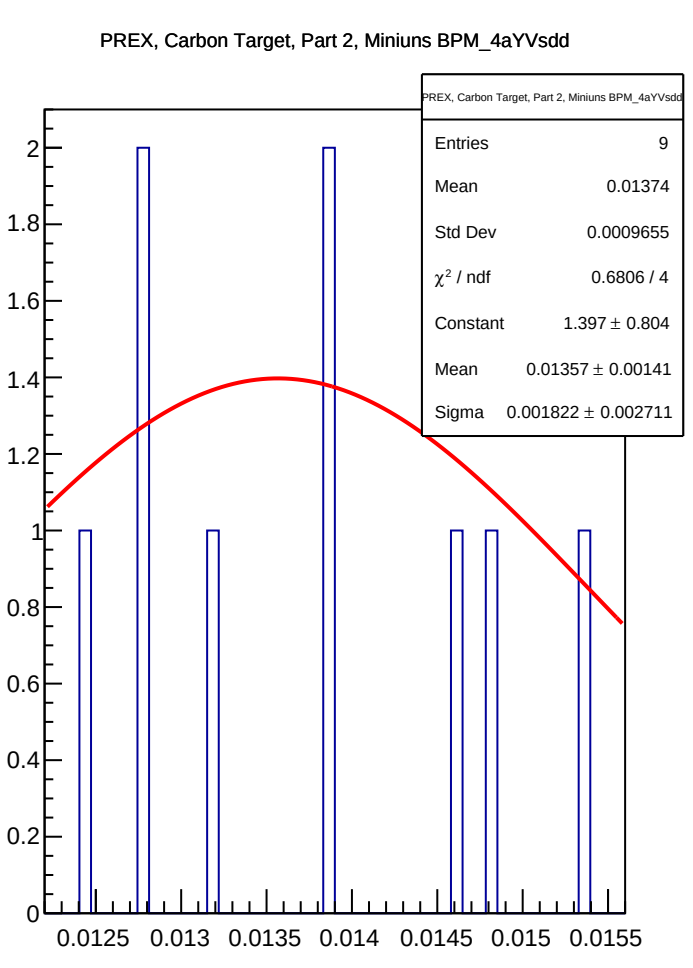

PREX, Carbon Target, Part 2, Miniruns BPM_4aXVsusr
χ² / ndf 8.631 / 8
p0 0.02122 ± 0.0005526
0.026
0.024
0.022
0.02
0.018
0.016
4131
4131.5
4132
4132.5
4133
4133.5

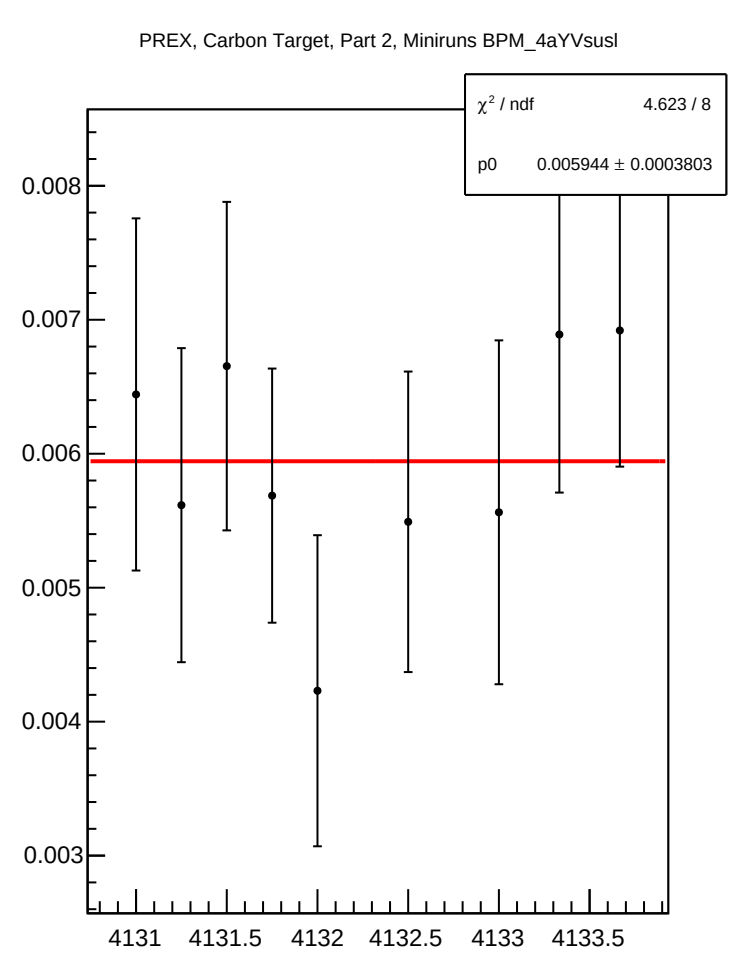

PREX, Carbon Target, Part 2, Miniuns BPM_4aXVsusr
PREX, Carbon Target, Part 2, Miniuns BPM_4aXVsusr
Entries 9
Mean 0.02122
Std Dev 0.001643
χ² / ndf 0.4432 / 5
Constant 1.115 ± 0.484
Mean 0.0211± 0.0074
Sigma 0.006045 ± 0.008380
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.018
0.019
0.02
0.021
0.022
0.023
0.024
0.025

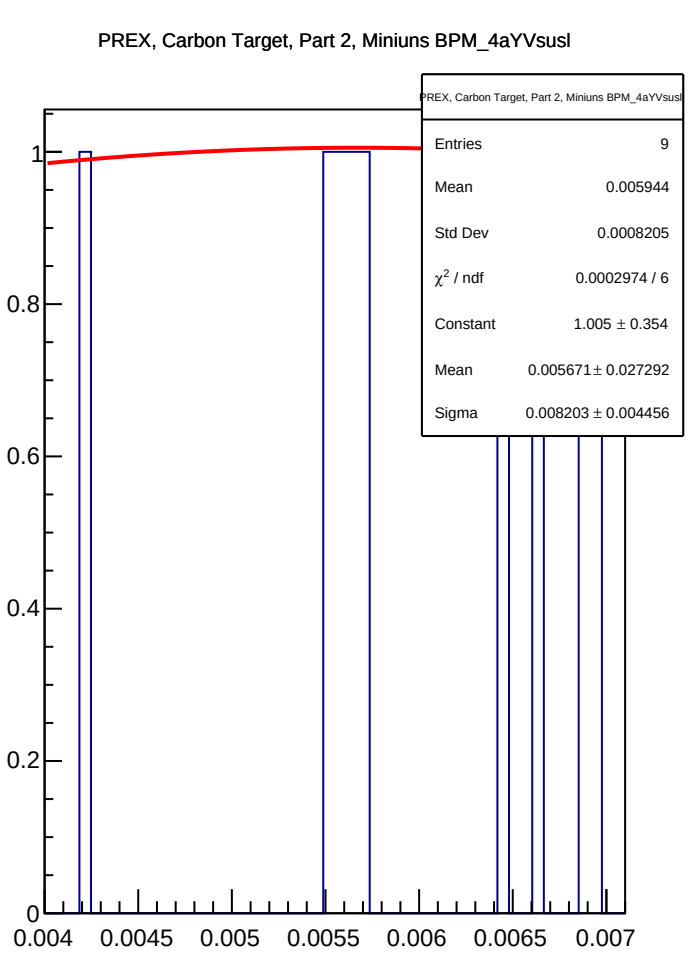

PREX, Carbon Target, Part 2, Miniruns BPM_4aYVsavg
χ² / ndf 5.982 / 8
p0 0.007474 ± 0.0003903
0.01
0.009
0.008
0.007
0.006
0.005
4131
4131.5
4132
4132.5
4133
4133.5

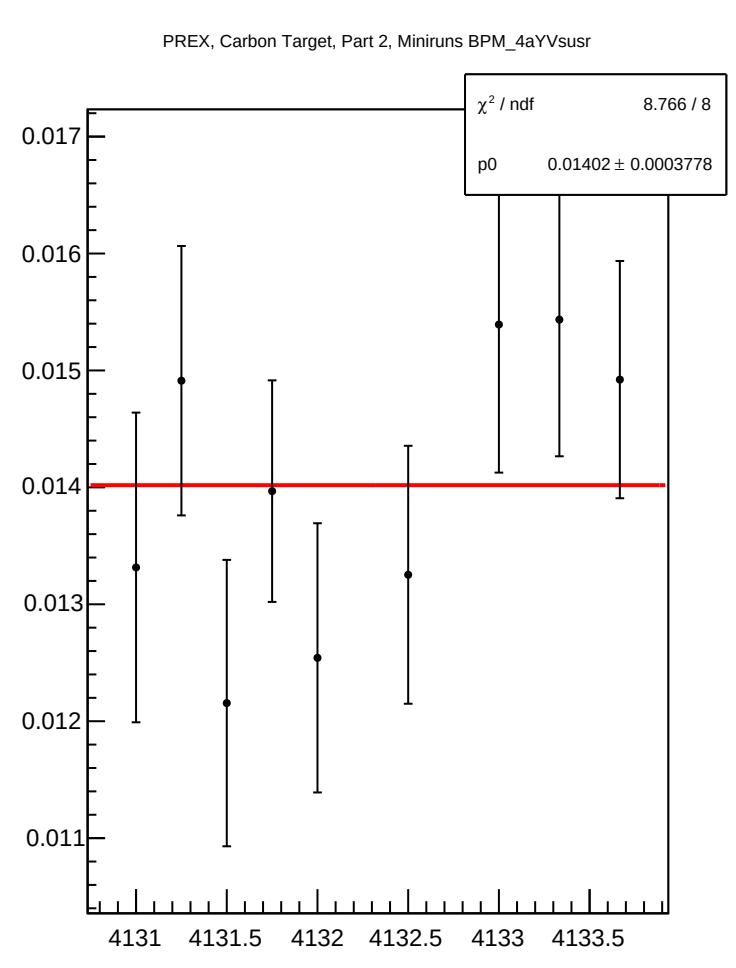

PREX, Carbon Target, Part 2, Miniuns BPM_4aYVsavg
PREX, Carbon Target, Part 2, Miniuns BPM_4aYVsavg
Entries 9
Mean 0.007479
Std Dev 0.0009598
χ² / ndf 0.0002386 / 6
Constant 1.005 ± 0.338
Mean 0.007469 ± 0.031702
Sigma 0.009489 ± 0.005704
1
0.8
0.6
0.4
0.2
0
0.006
0.0065
0.007
0.0075
0.008
0.0085
0.009

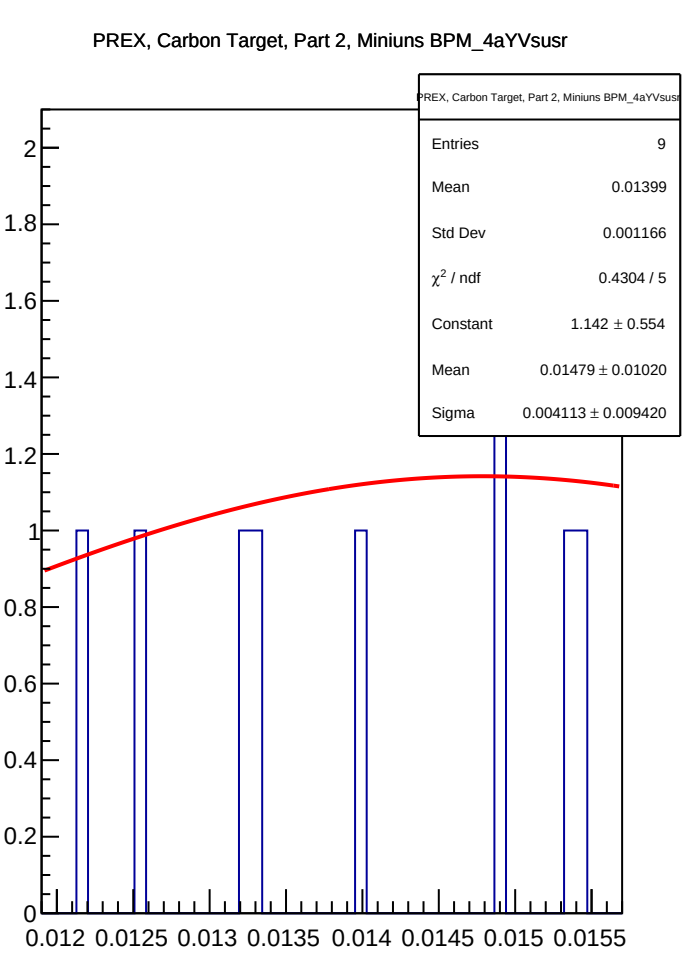

PREX, Carbon Target, Part 2, Miniruns BPM_4aYVsdd
χ² / ndf 5.842 / 8
p0 0.01375 ± 0.000386
0.017
0.016
0.015
0.014
0.013
0.012
0.011
4131
4131.5
4132
4132.5
4133
4133.5

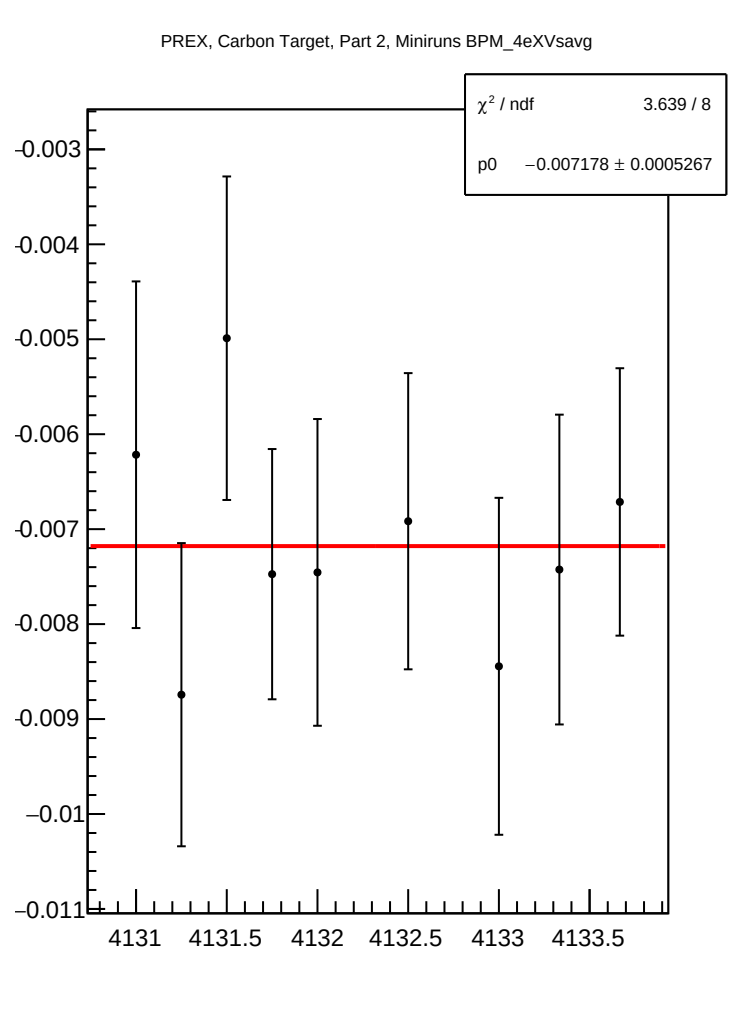

PREX, Carbon Target, Part 2, Miniuns BPM_4aYVsdd
PREX, Carbon Target, Part 2, Miniuns BPM_4aYVsdd
Entries 9
Mean 0.01374
Std Dev 0.0009655
χ² / ndf 0.6806 / 4
Constant 1.397 ± 0.804
Mean 0.01357 ± 0.00141
Sigma 0.001822 ± 0.002711
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.0125
0.013
0.0135
0.014
0.0145
0.015
0.0155

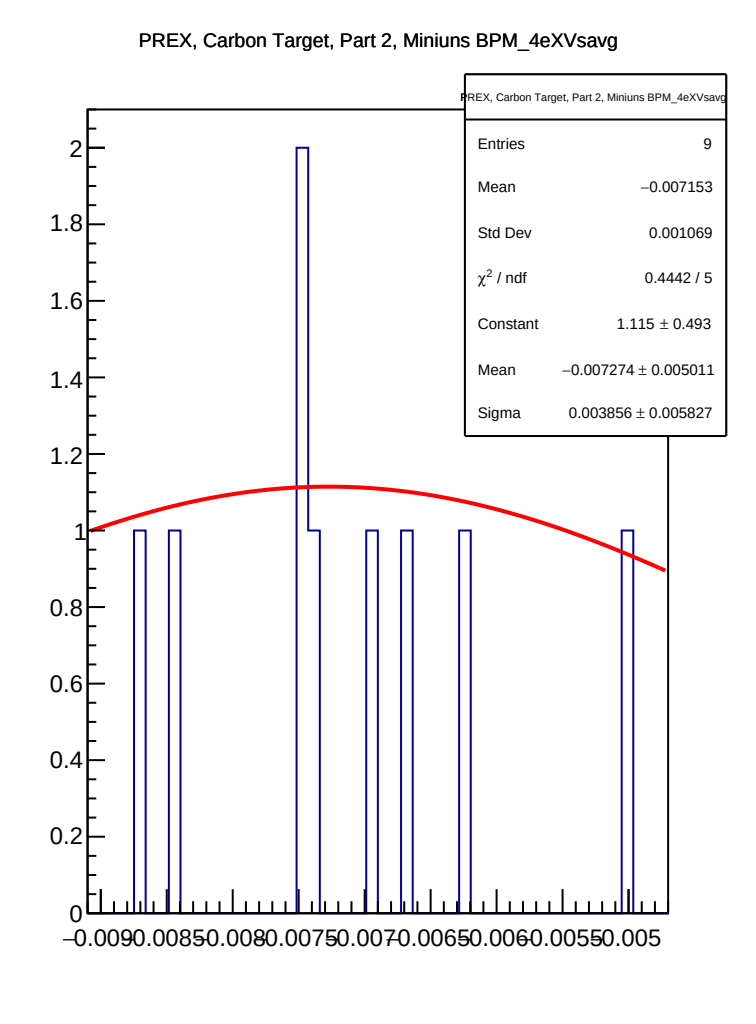

PREX, Carbon Target, Part 2, Miniruns BPM_4aYVsusl
χ² / ndf 4.623 / 8
p0 0.005944 ± 0.0003803
0.008
0.007
0.006
0.005
0.004
0.003
4131
4131.5
4132
4132.5
4133
4133.5


PREX, Carbon Target, Part 2, Miniuns BPM_4aYVsusl
PREX, Carbon Target, Part 2, Miniuns BPM_4aYVsusl
Entries 9
Mean 0.005944
Std Dev 0.0008205
χ² / ndf 0.0002974 / 6
Constant 1.005 ± 0.354
Mean 0.005671 ± 0.027292
Sigma 0.008203 ± 0.004456
1
0.8
0.6
0.4
0.2
0
0.004
0.0045
0.005
0.0055
0.006
0.0065
0.007

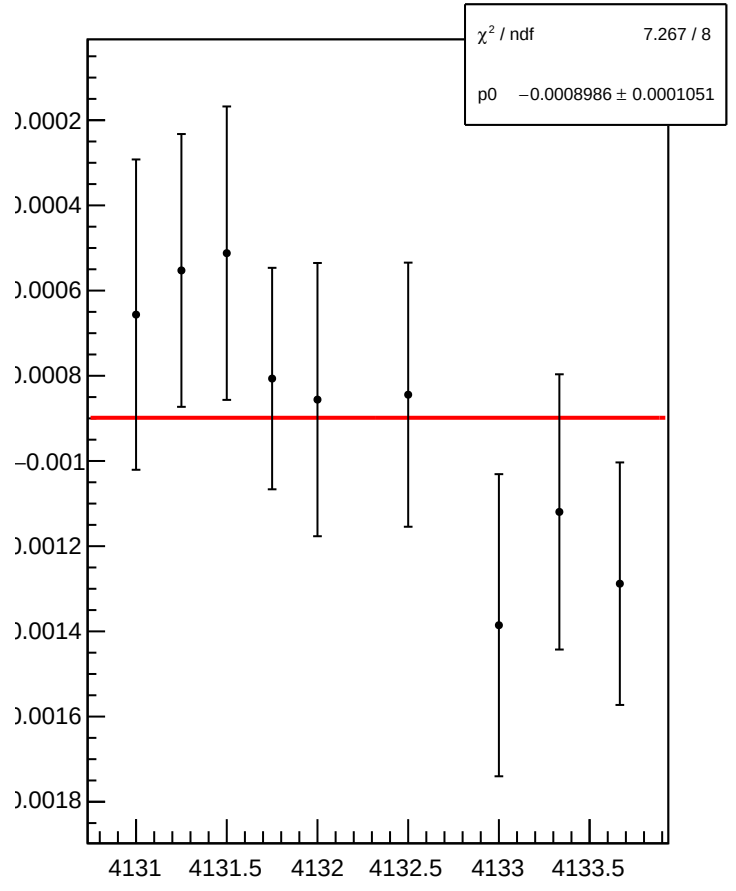

PREX, Carbon Target, Part 2, Miniruns BPM_4aYVsusr
χ² / ndf 8.766 / 8
p0 0.01402 ± 0.0003778
0.017
0.016
0.015
0.014
0.013
0.012
0.011
4131
4131.5
4132
4132.5
4133
4133.5


PREX, Carbon Target, Part 2, Miniuns BPM_4aYVsusr
PREX, Carbon Target, Part 2, Miniuns BPM_4aYVsusr
Entries 9
Mean 0.01399
Std Dev 0.001166
χ² / ndf 0.4304 / 5
Constant 1.142 ± 0.554
Mean 0.01479 ± 0.01020
Sigma 0.004113 ± 0.009420
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.012
0.0125
0.013
0.0135
0.014
0.0145
0.015
0.0155

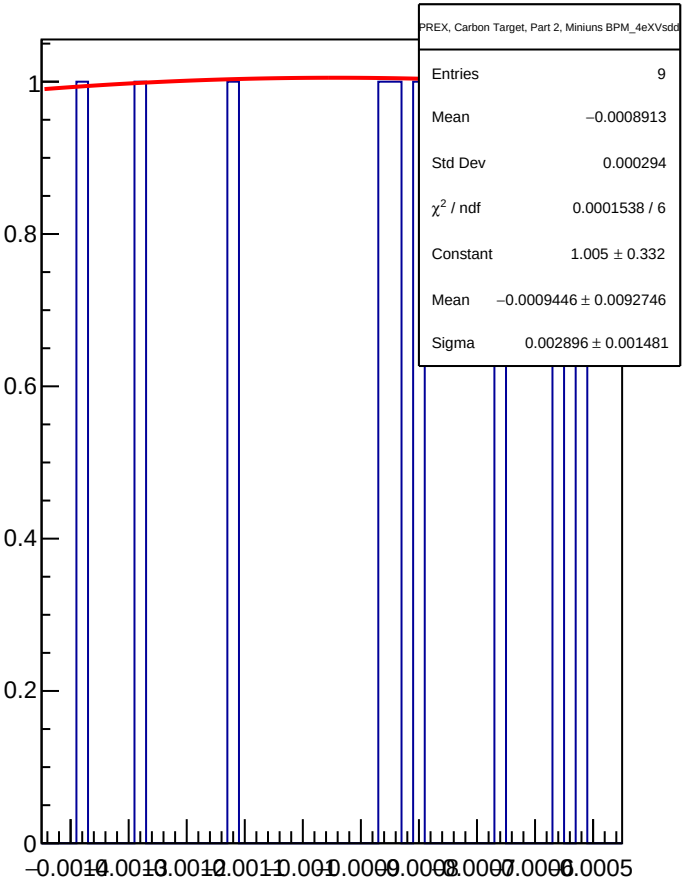

PREX, Carbon Target, Part 2, Miniruns BPM_4eXVsavg
χ² / ndf 3.639 / 8
p0 −0.007178 ± 0.0005267
-0.003
-0.004
-0.005
-0.006
-0.007
-0.008
-0.009
−0.01
−0.011
4131
4131.5
4132
4132.5
4133
4133.5


PREX, Carbon Target, Part 2, Miniuns BPM_4eXVsavg
PREX, Carbon Target, Part 2, Miniuns BPM_4eXVsavg
Entries 9
Mean −0.007153
Std Dev 0.001069
χ² / ndf 0.4442 / 5
Constant 1.115 ± 0.493
Mean −0.007274 ± 0.005011
Sigma 0.003856 ± 0.005827
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.009
0.0085
0.008
0.0075
0.007
0.0065
0.006
0.0055
0.005

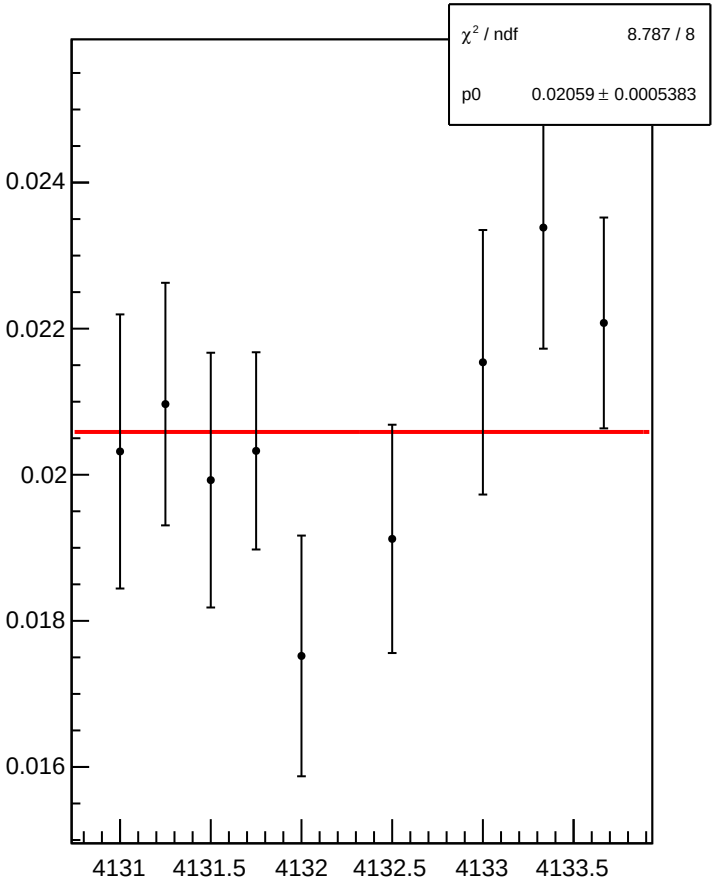
PREX, Carbon Target, Part 2, Miniruns BPM_4eXVsdd



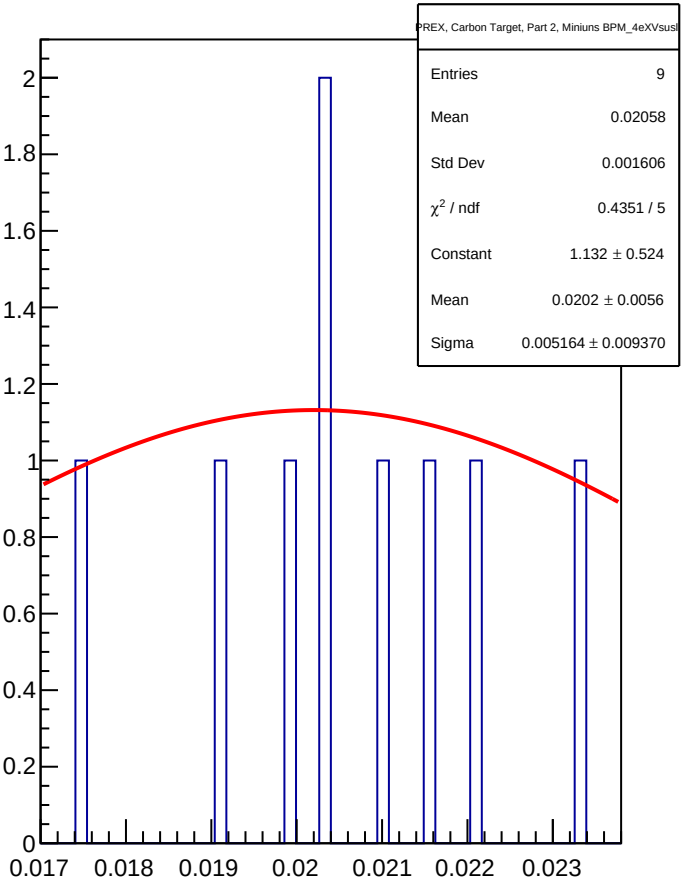
PREX, Carbon Target, Part 2, Miniuns BPM_4eXVsdd

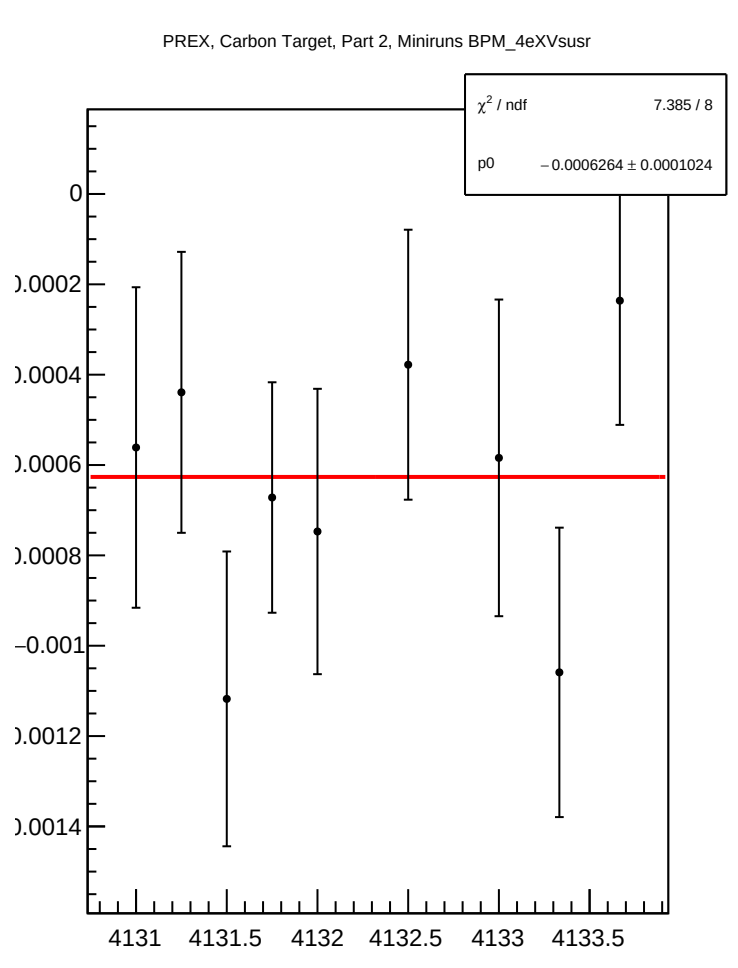


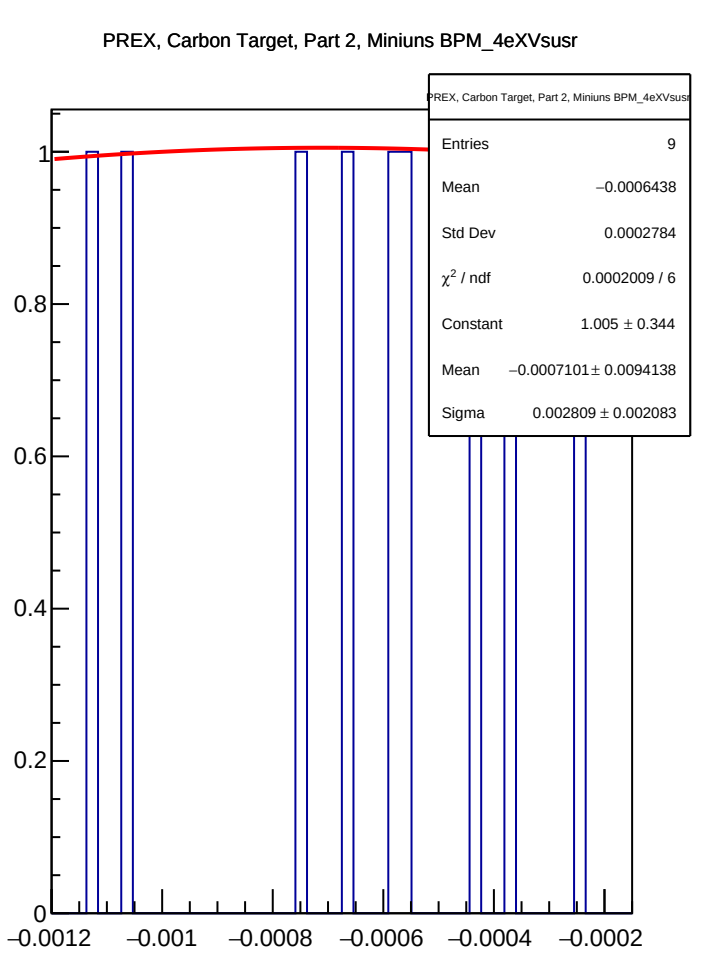
PREX, Carbon Target, Part 2, Miniruns BPM_4eXVsusl

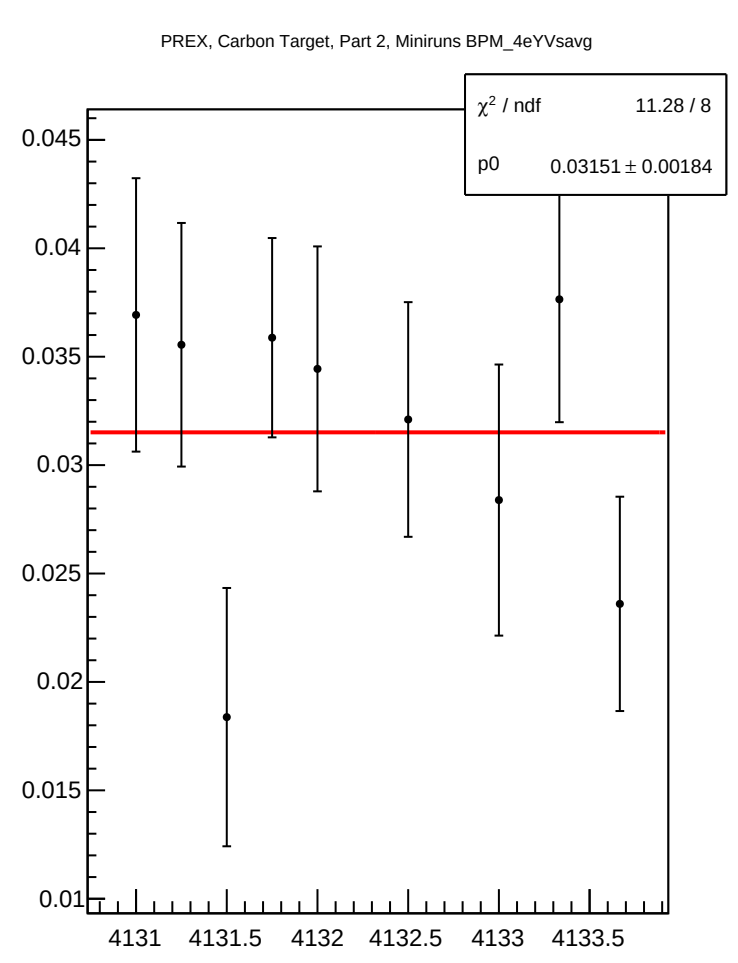


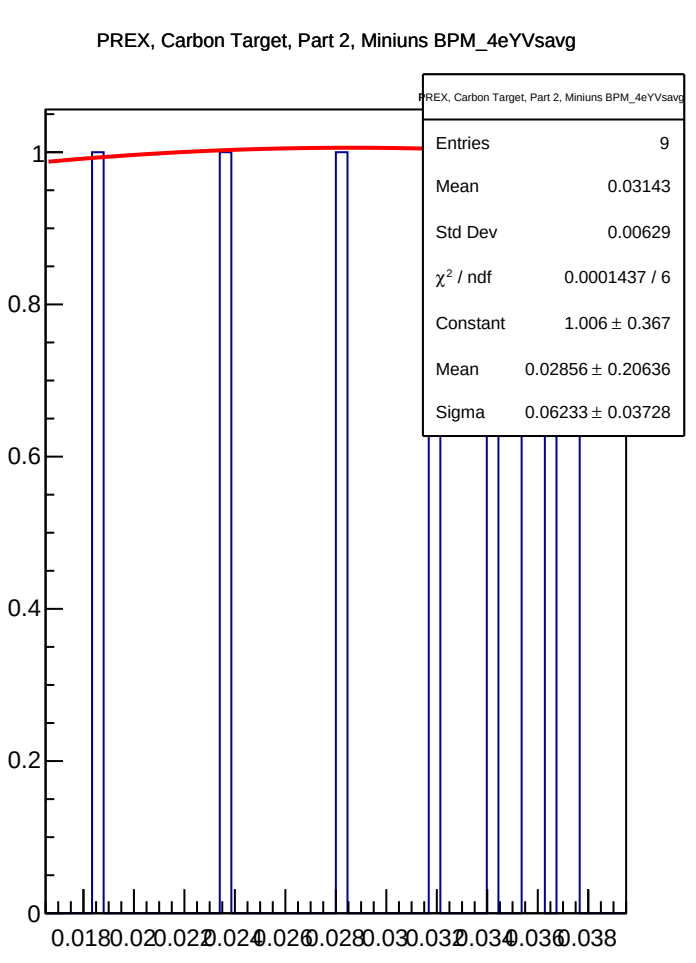
PREX, Carbon Target, Part 2, Miniuns BPM_4eXVsusl

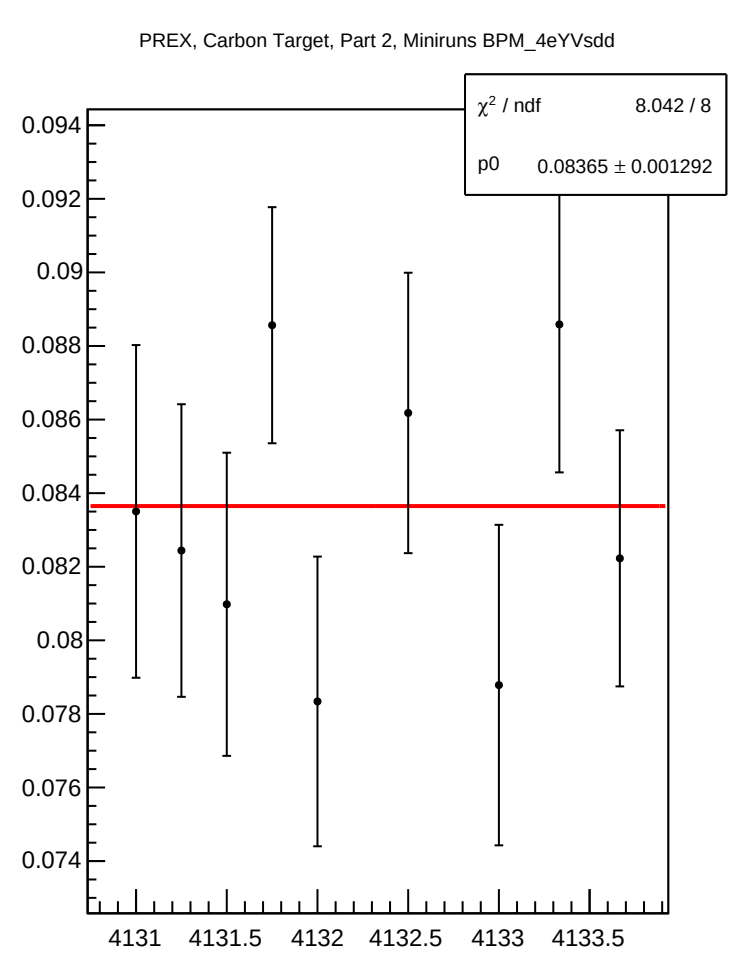


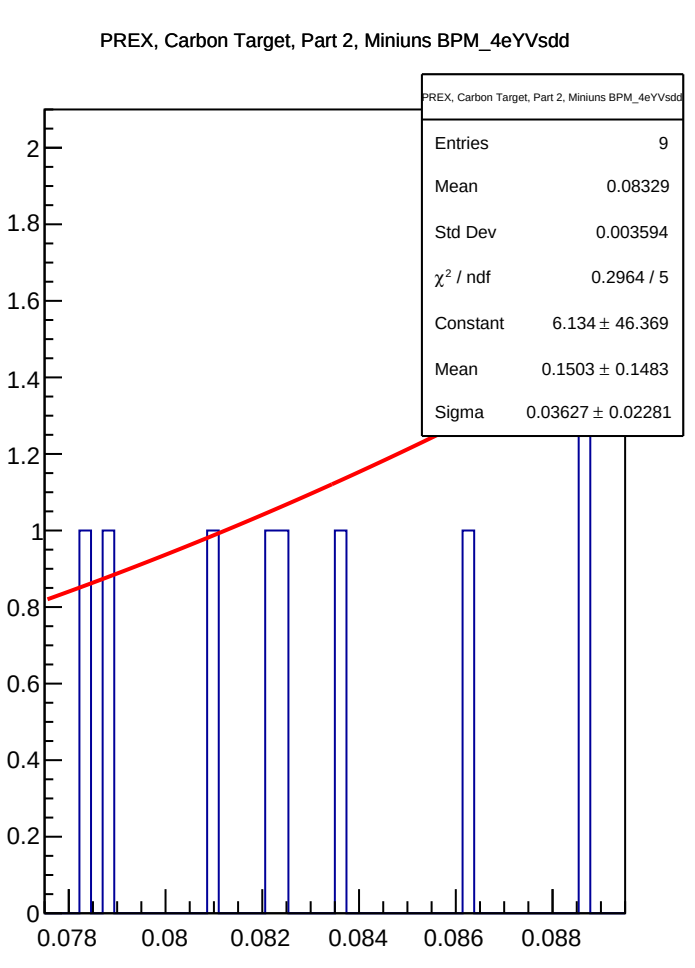

PREX, Carbon Target, Part 2, Miniruns BPM_4eXVsusr
χ² / ndf 7.385 / 8
p0 −0.0006264 ± 0.0001024
0
0.0002
0.0004
0.0006
0.0008
−0.001
0.0012
0.0014
4131
4131.5
4132
4132.5
4133
4133.5

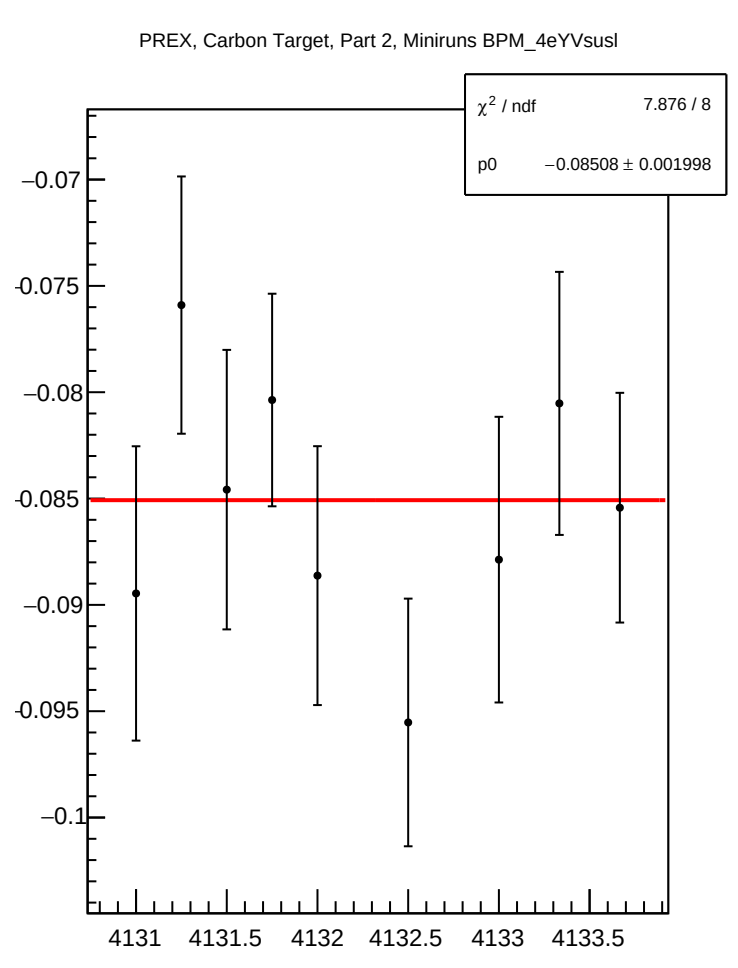

PREX, Carbon Target, Part 2, Miniuns BPM_4eXVsusr
PREX, Carbon Target, Part 2, Miniuns BPM_4eXVsusr
Entries 9
Mean −0.0006438
Std Dev 0.0002784
χ² / ndf 0.0002009 / 6
Constant 1.005 ± 0.344
Mean −0.0007101 ± 0.0094138
Sigma 0.002809 ± 0.002083
1
0.8
0.6
0.4
0.2
0
−0.0012
−0.001
−0.0008
−0.0006
−0.0004
−0.0002

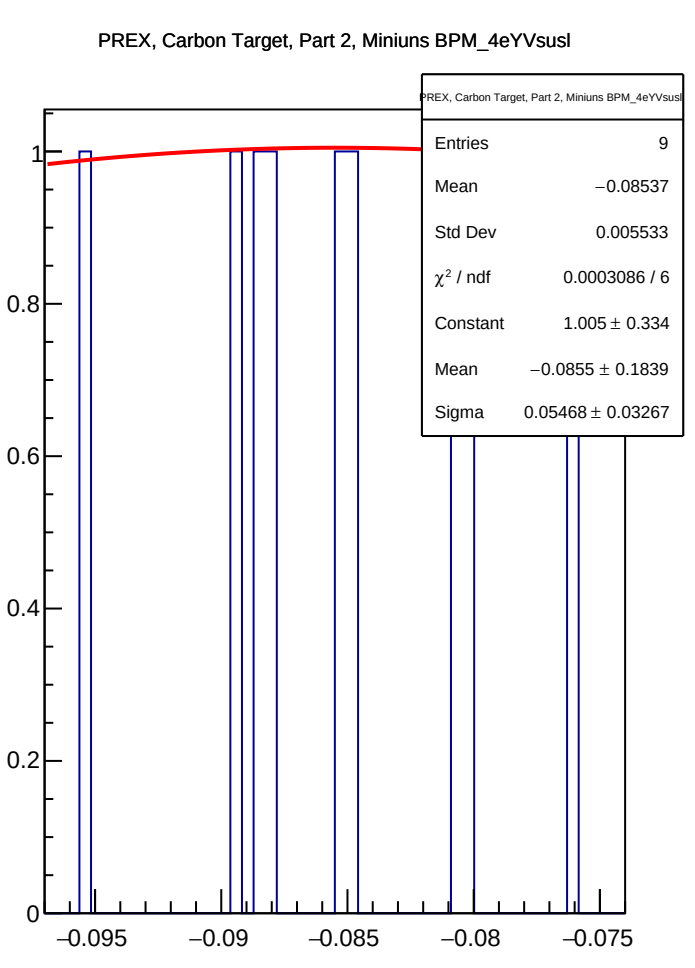

PREX, Carbon Target, Part 2, Miniruns BPM_4eYVsavg
χ² / ndf 11.28 / 8
p0 0.03151 ± 0.00184
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
4131
4131.5
4132
4132.5
4133
4133.5

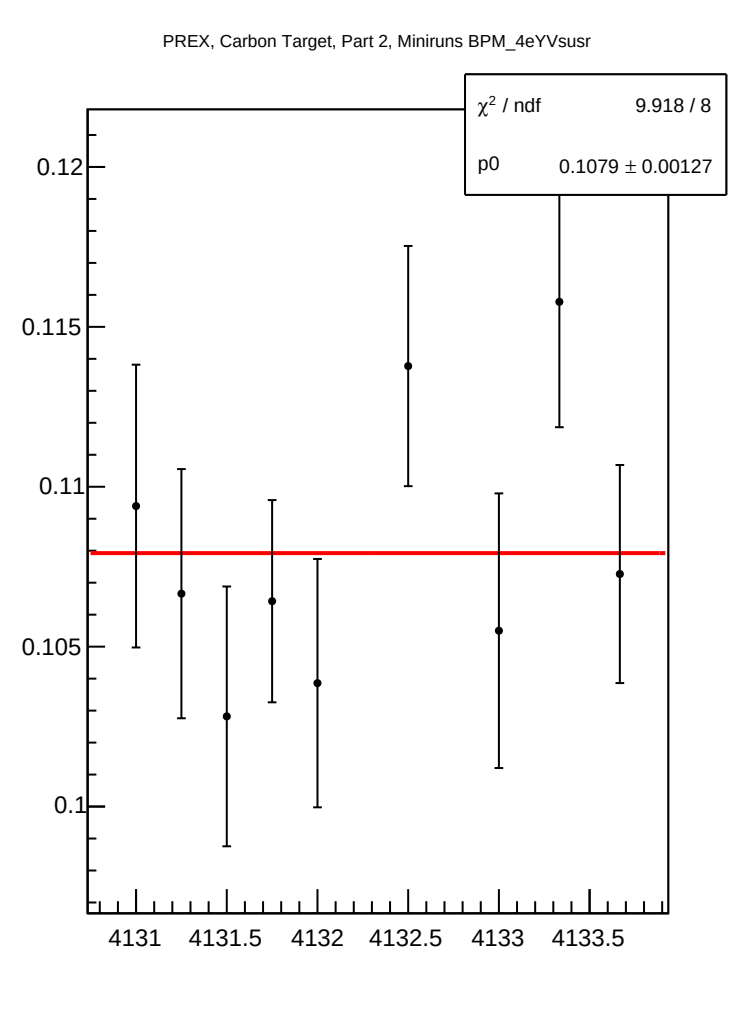

PREX, Carbon Target, Part 2, Miniuns BPM_4eYVsavg
PREX, Carbon Target, Part 2, Miniuns BPM_4eYVsavg
Entries 9
Mean 0.03143
Std Dev 0.00629
χ² / ndf 0.0001437 / 6
Constant 1.006 ± 0.367
Mean 0.02856 ± 0.20636
Sigma 0.06233 ± 0.03728
1
0.8
0.6
0.4
0.2
0
0.018
0.02
0.022
0.024
0.026
0.028
0.03
0.032
0.034
0.036
0.038

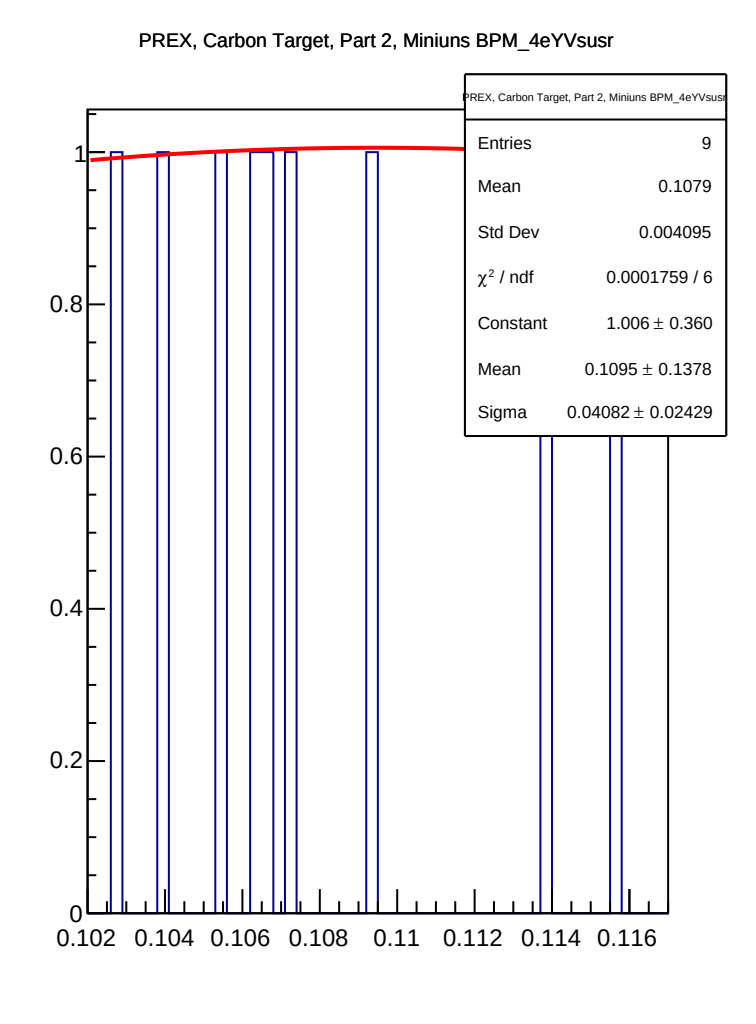

PREX, Carbon Target, Part 2, Miniruns BPM_4eYVsdd
χ² / ndf 8.042 / 8
p0 0.08365 ± 0.001292
0.094
0.092
0.09
0.088
0.086
0.084
0.082
0.08
0.078
0.076
0.074
4131
4131.5
4132
4132.5
4133
4133.5

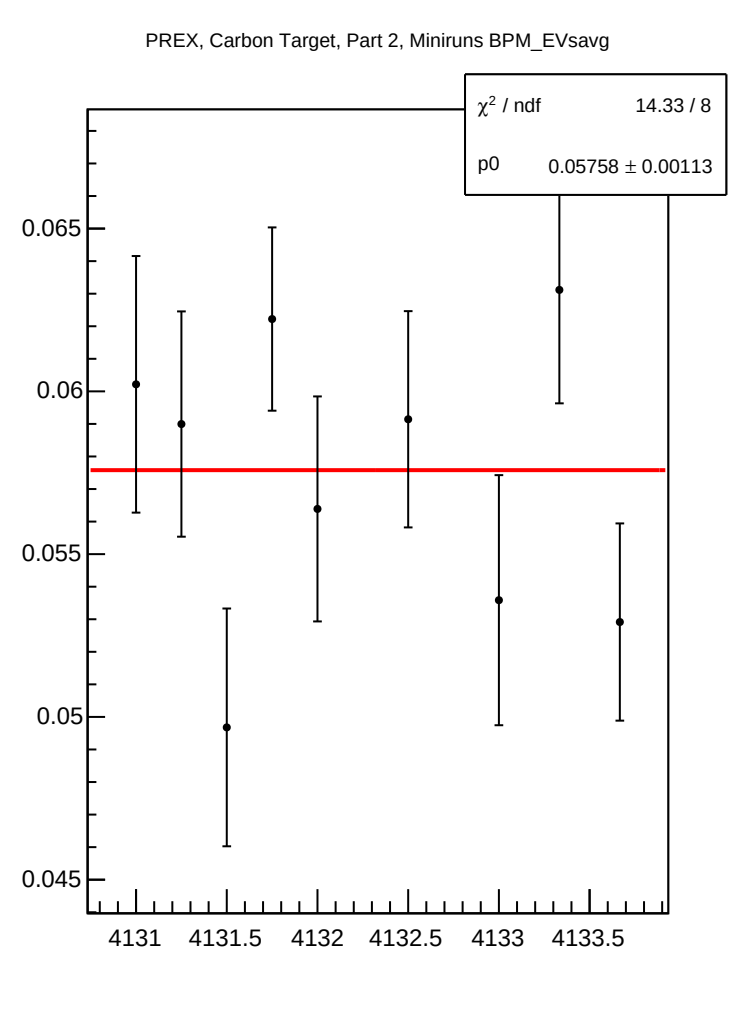

PREX, Carbon Target, Part 2, Miniuns BPM_4eYVsdd
PREX, Carbon Target, Part 2, Miniuns BPM_4eYVsdd
Entries 9
Mean 0.08329
Std Dev 0.003594
χ² / ndf 0.2964 / 5
Constant 6.134 ± 46.369
Mean 0.1503 ± 0.1483
Sigma 0.03627 ± 0.02281
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.078
0.08
0.082
0.084
0.086
0.088

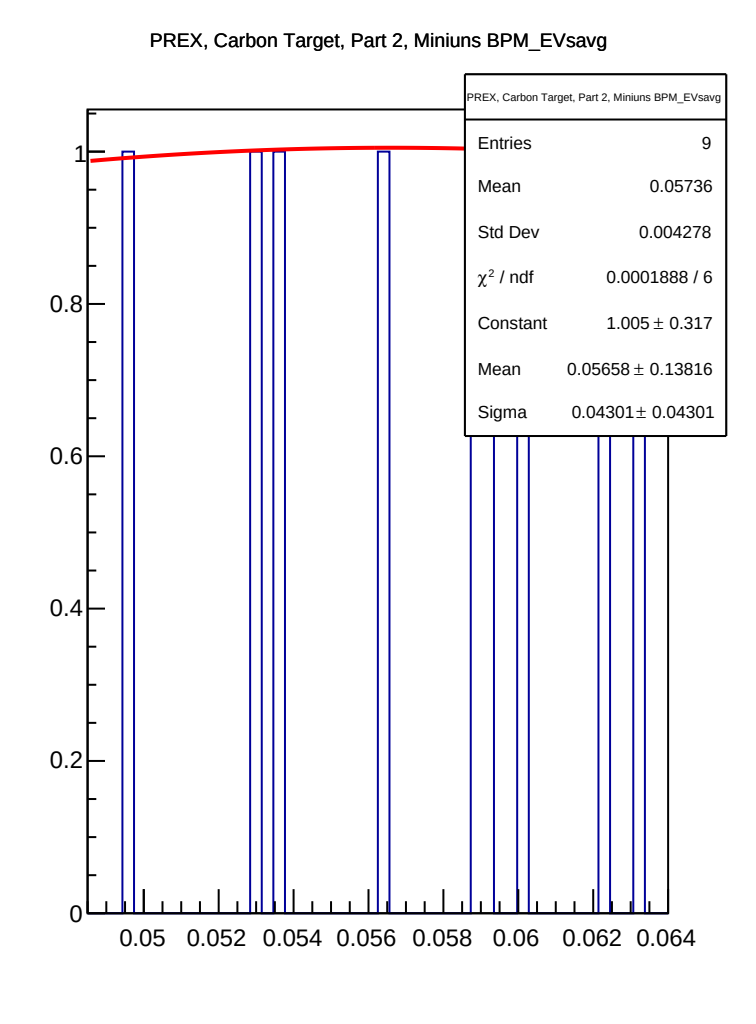

PREX, Carbon Target, Part 2, Miniruns BPM_4eYVsusl
χ² / ndf 7.876 / 8
p0 −0.08508 ± 0.001998
−0.07
−0.075
−0.08
−0.085
−0.09
−0.095
−0.1
4131
4131.5
4132
4132.5
4133
4133.5

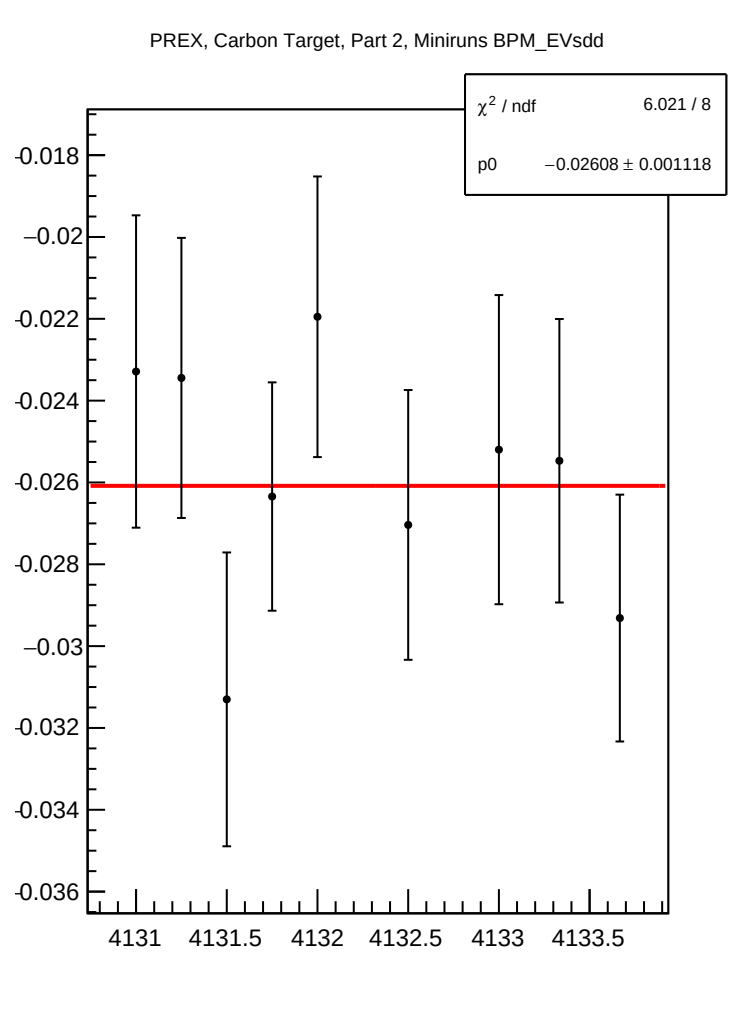

PREX, Carbon Target, Part 2, Miniuns BPM_4eYVsusl
PREX, Carbon Target, Part 2, Miniuns BPM_4eYVsusl
Entries 9
Mean −0.08537
Std Dev 0.005533
χ² / ndf 0.0003086 / 6
Constant 1.005 ± 0.334
Mean −0.0855 ± 0.1839
Sigma 0.05468 ± 0.03267
1
0.8
0.6
0.4
0.2
0
−0.095
−0.09
−0.085
−0.08
−0.075

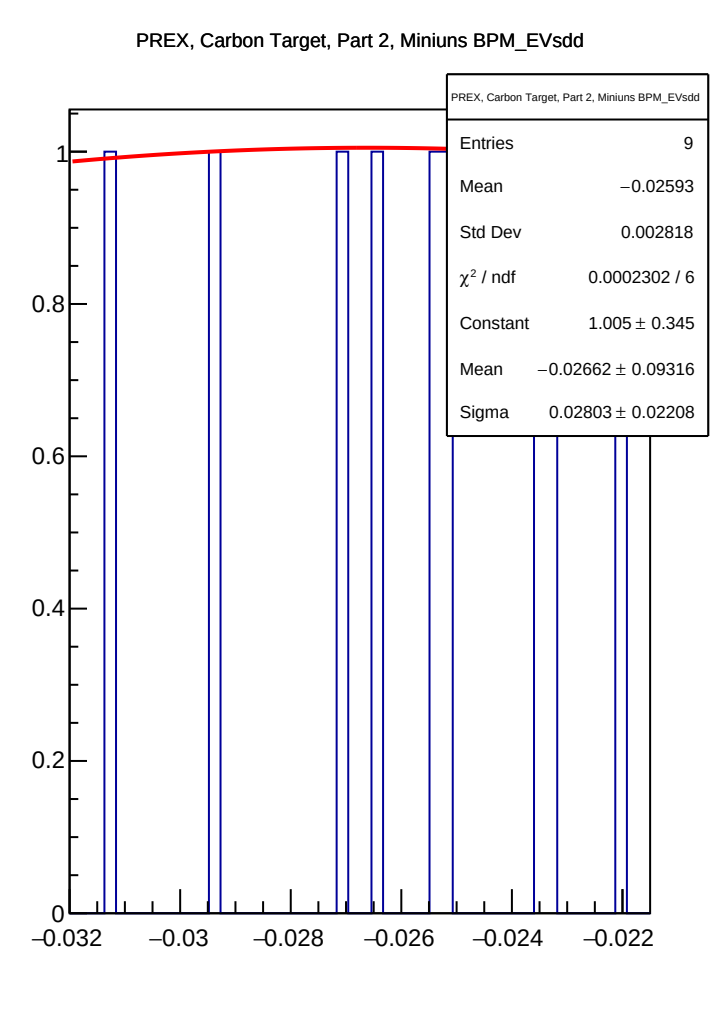

PREX, Carbon Target, Part 2, Miniruns BPM_4eYVsusr
χ² / ndf 9.918 / 8
p0 0.1079 ± 0.00127
0.12
0.115
0.11
0.105
0.1
4131
4131.5
4132
4132.5
4133
4133.5

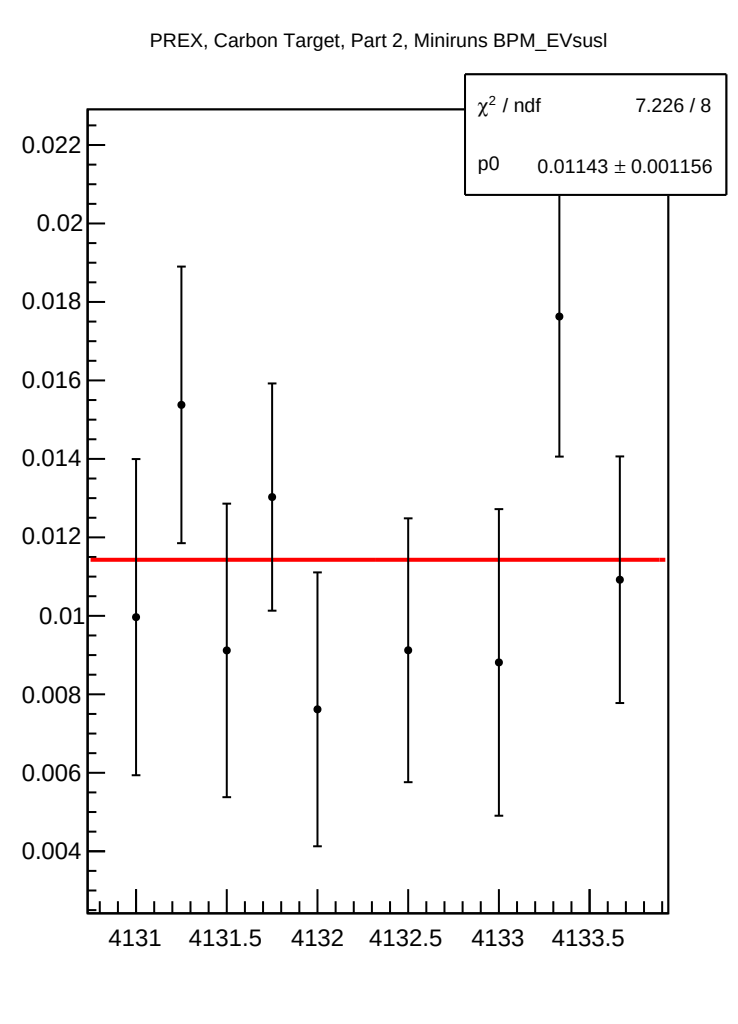

PREX, Carbon Target, Part 2, Miniuns BPM_4eYVsusr
PREX, Carbon Target, Part 2, Miniuns BPM_4eYVsusr
Entries 9
Mean 0.1079
Std Dev 0.004095
χ² / ndf 0.0001759 / 6
Constant 1.006 ± 0.360
Mean 0.1095 ± 0.1378
Sigma 0.04082 ± 0.02429
1
0.8
0.6
0.4
0.2
0
0.102
0.104
0.106
0.108
0.11
0.112
0.114
0.116

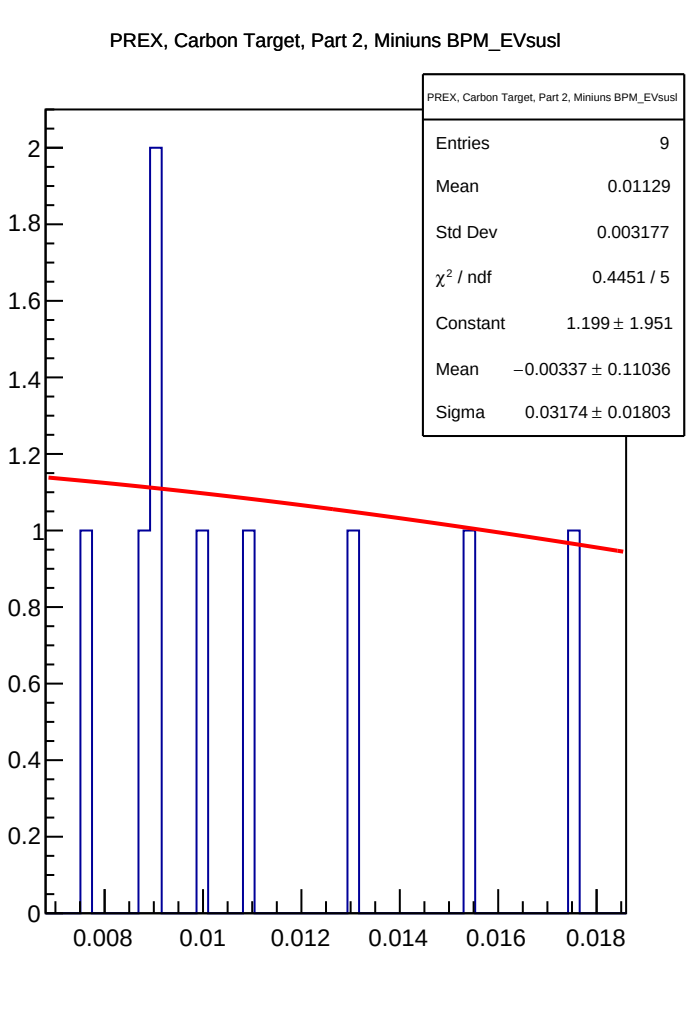

PREX, Carbon Target, Part 2, Miniruns BPM_EVsavg
χ² / ndf 14.33 / 8
p0 0.05758 ± 0.00113
0.065
0.06
0.055
0.05
0.045
4131
4131.5
4132
4132.5
4133
4133.5

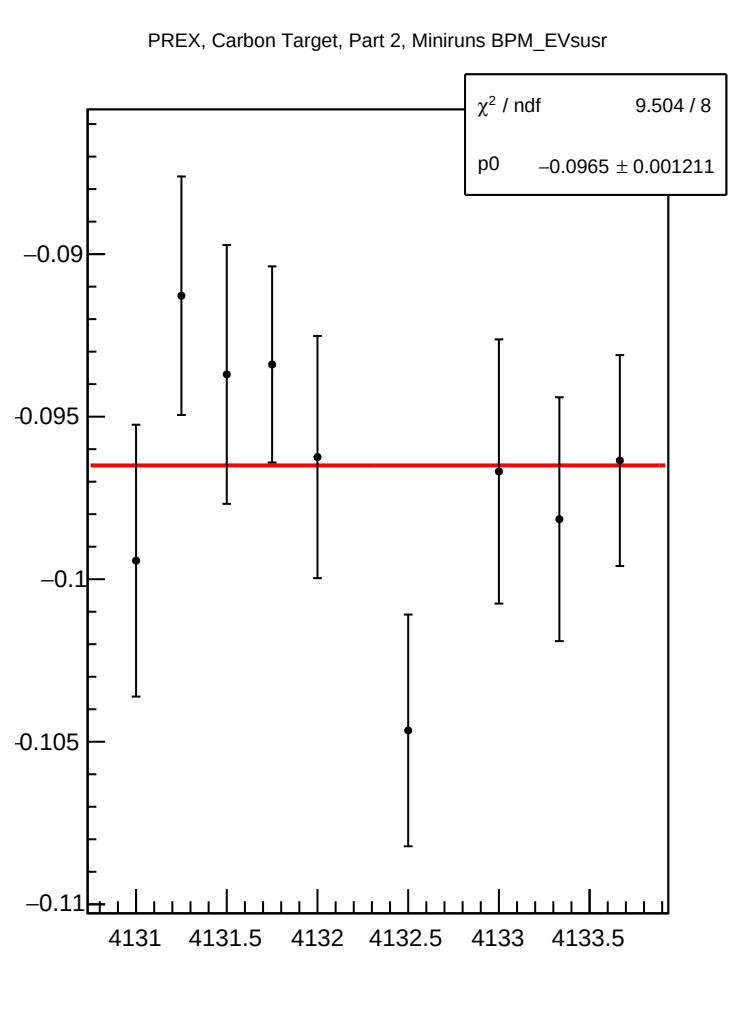

PREX, Carbon Target, Part 2, Miniuns BPM_EVsavg
PREX, Carbon Target, Part 2, Miniuns BPM_EVsavg
Entries 9
Mean 0.05736
Std Dev 0.004278
χ² / ndf 0.0001888 / 6
Constant 1.005 ± 0.317
Mean 0.05658 ± 0.13816
Sigma 0.04301 ± 0.04301
1
0.8
0.6
0.4
0.2
0
0.05
0.052
0.054
0.056
0.058
0.06
0.062
0.064

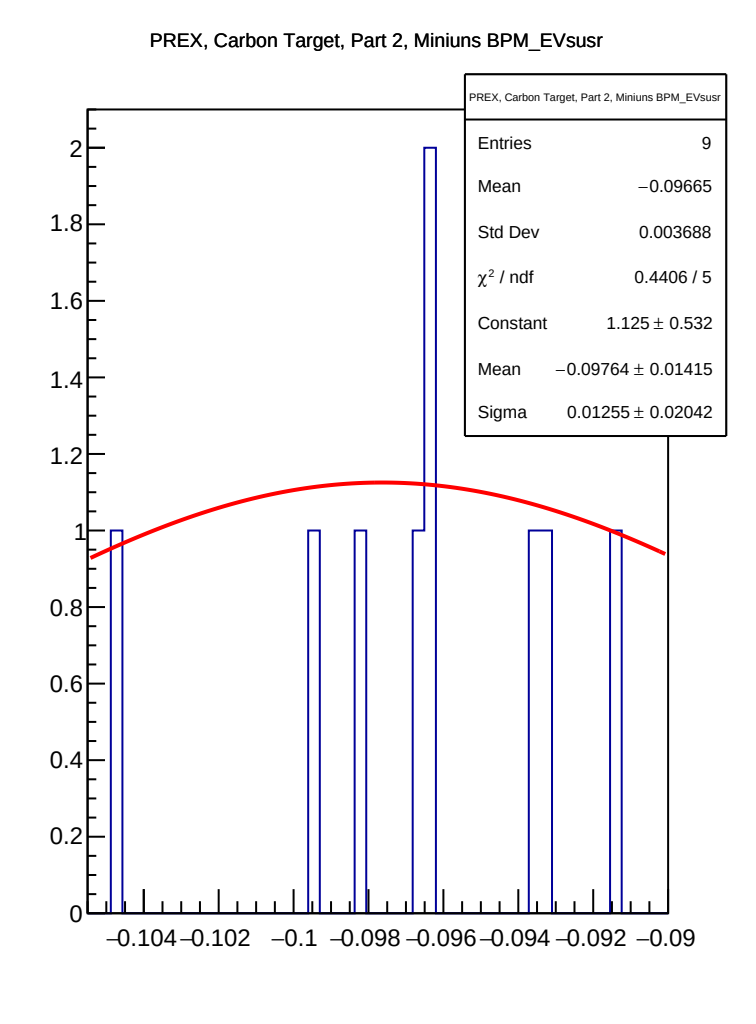

PREX, Carbon Target, Part 2, Miniruns BPM_EVsdd
χ² / ndf 6.021 / 8
p0 −0.02608 ± 0.001118
-0.018
-0.02
-0.022
-0.024
-0.026
-0.028
-0.03
-0.032
-0.034
-0.036
4131
4131.5
4132
4132.5
4133
4133.5

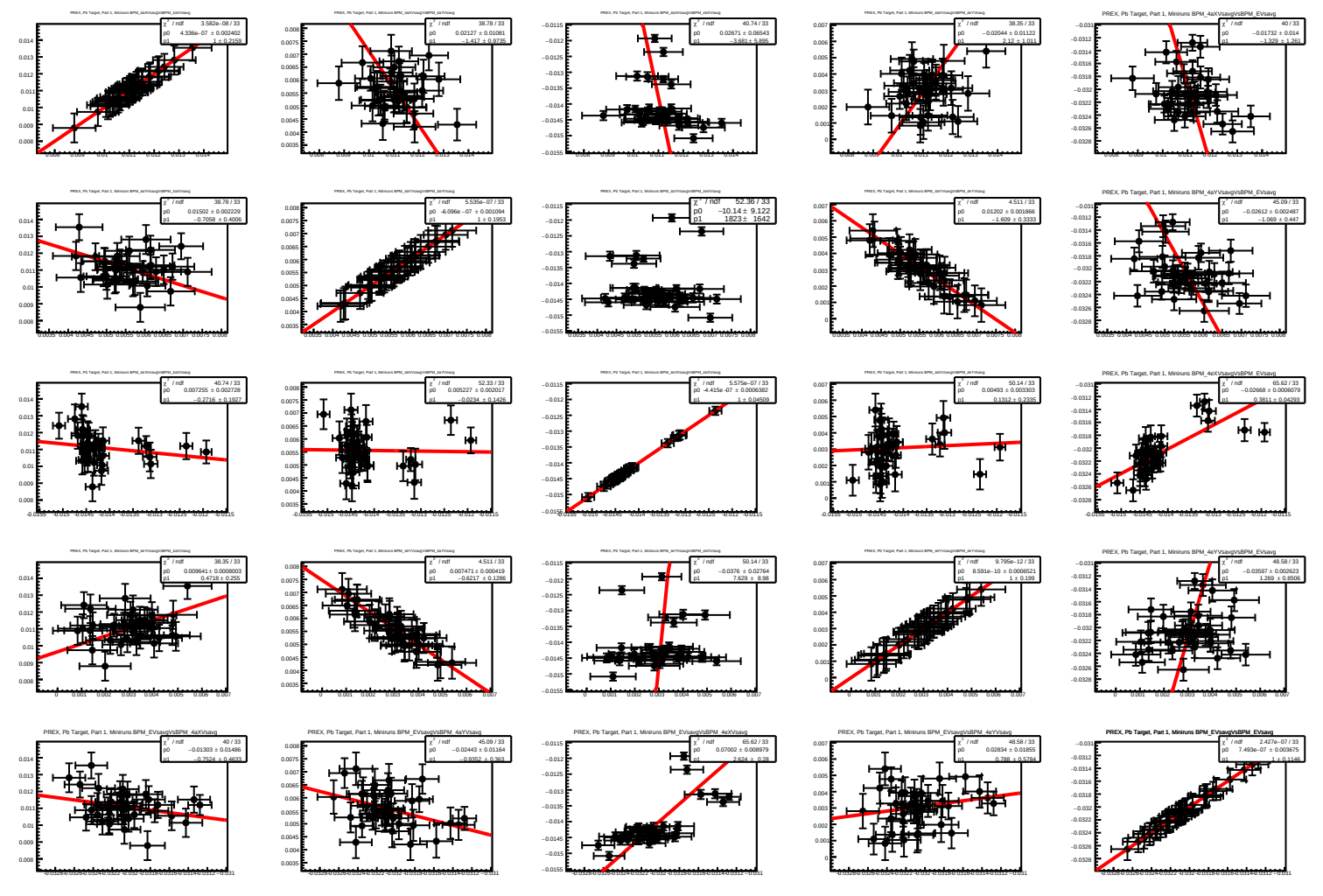

PREX, Carbon Target, Part 2, Miniuns BPM_EVsdd
PREX, Carbon Target, Part 2, Miniuns BPM_EVsdd
Entries 9
Mean −0.02593
Std Dev 0.002818
χ² / ndf 0.0002302 / 6
Constant 1.005 ± 0.345
Mean −0.02662 ± 0.09316
Sigma 0.02803 ± 0.02208
1
0.8
0.6
0.4
0.2
0
−0.032
−0.03
−0.028
−0.026
−0.024
−0.022

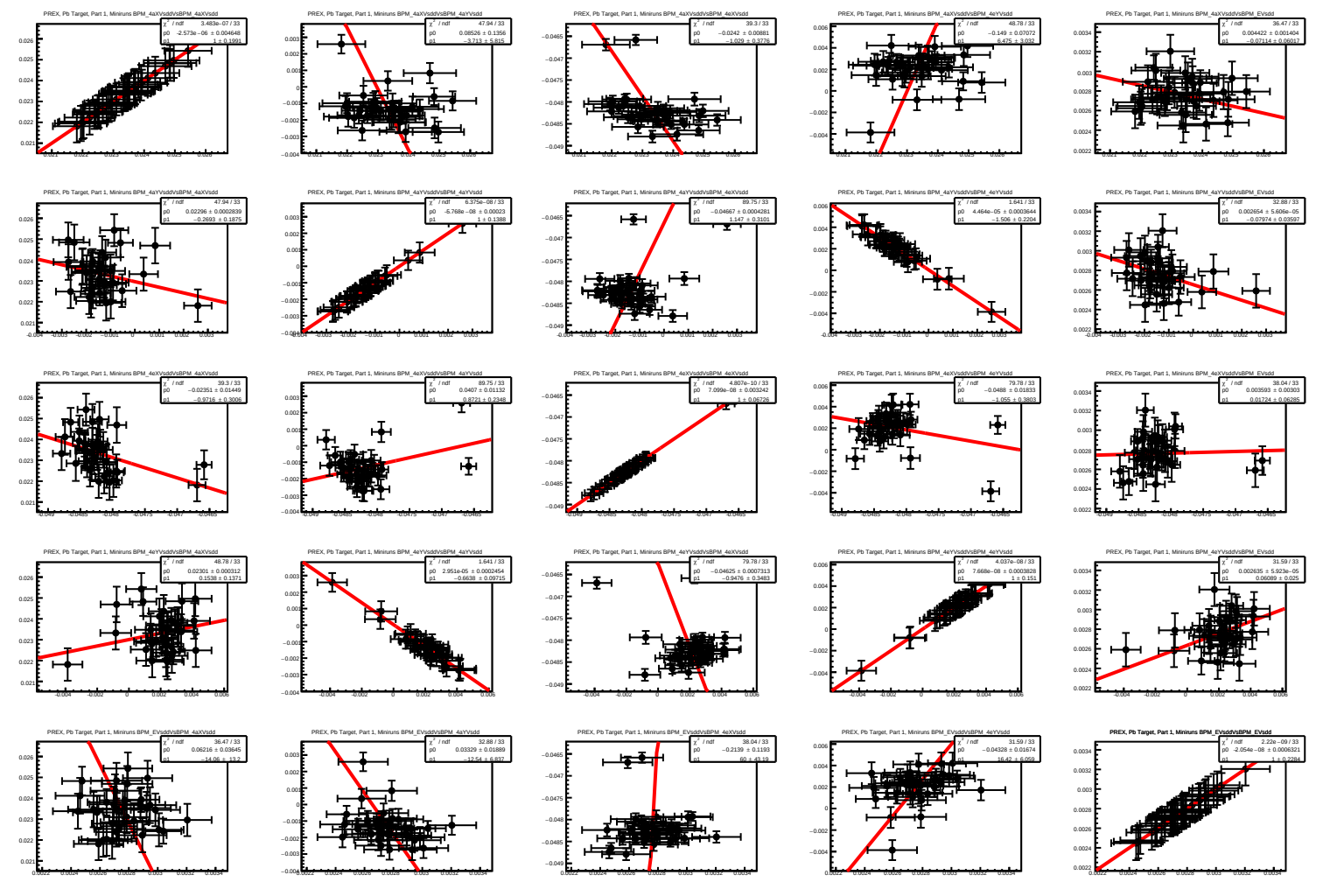

PREX, Carbon Target, Part 2, Miniruns BPM_EVsusl
χ² / ndf 7.226 / 8
p0 0.01143 ± 0.001156
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
4131
4131.5
4132
4132.5
4133
4133.5

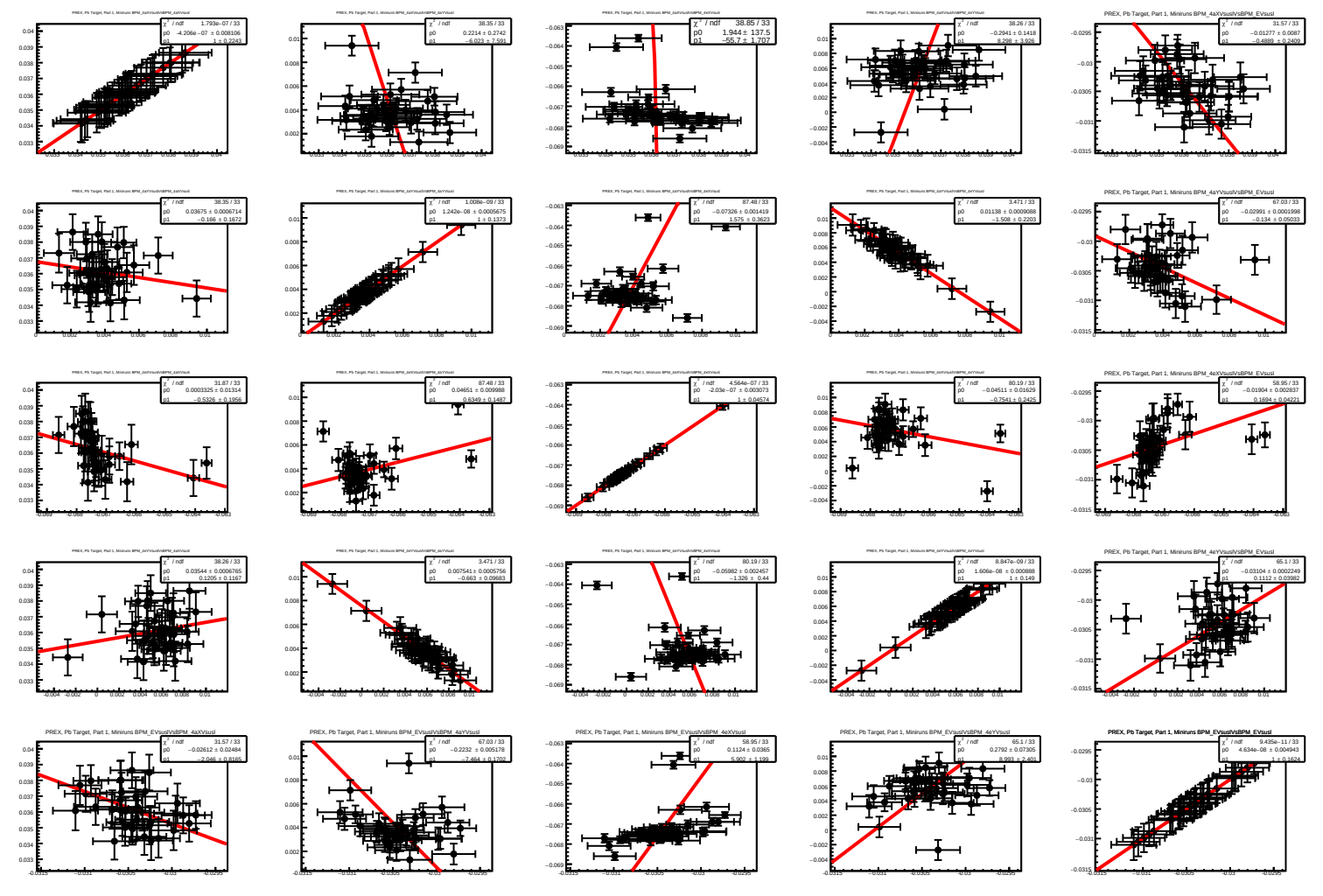

PREX, Carbon Target, Part 2, Miniuns BPM_EVsusl
PREX, Carbon Target, Part 2, Miniuns BPM_EVsusl
Entries 9
Mean 0.01129
Std Dev 0.003177
χ² / ndf 0.4451 / 5
Constant 1.199 ± 1.951
Mean −0.00337 ± 0.11036
Sigma 0.03174 ± 0.01803
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.008
0.01
0.012
0.014
0.016
0.018

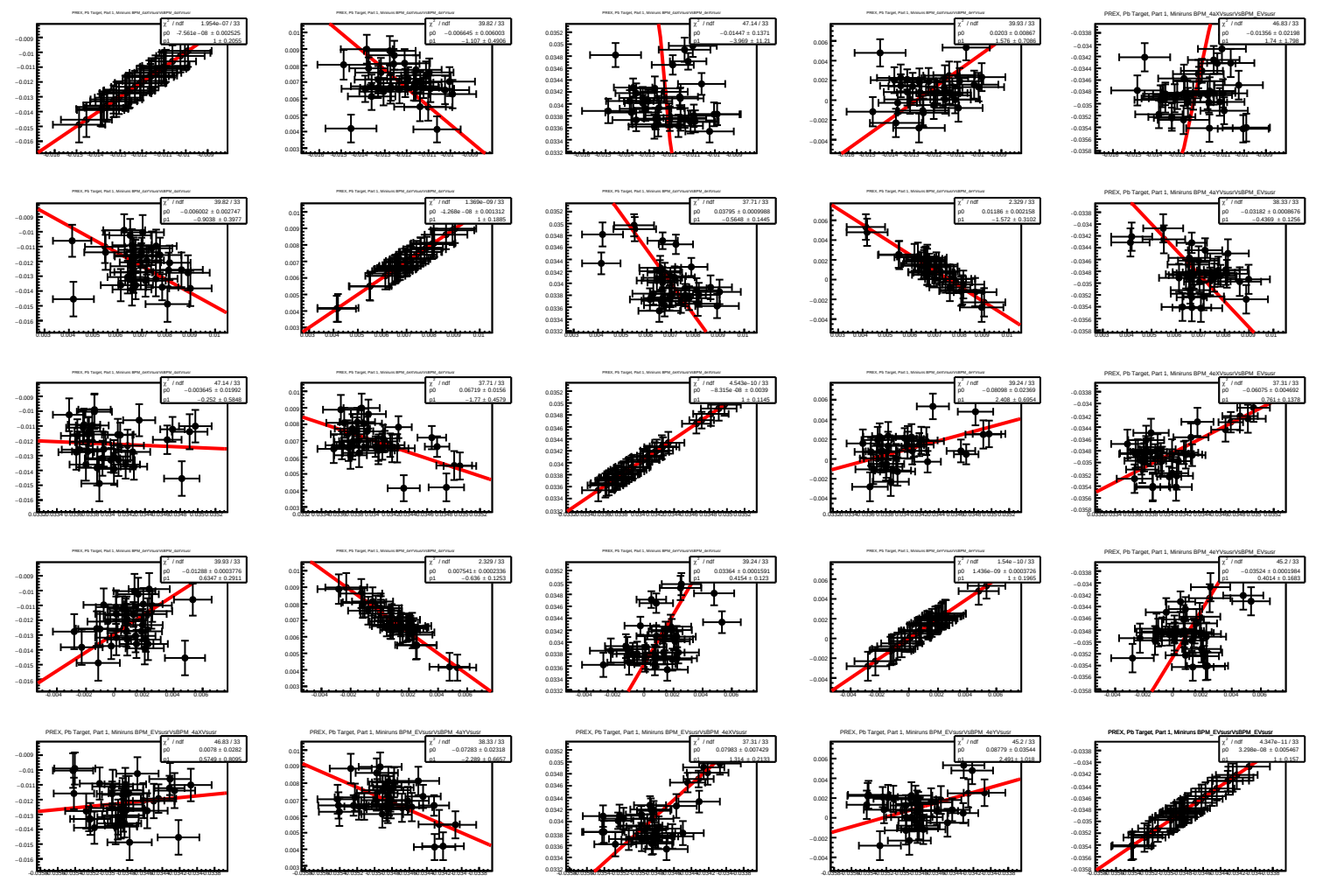

PREX, Carbon Target, Part 2, Miniruns BPM_EVsusr
χ² / ndf 9.504 / 8
p0 −0.0965 ± 0.001211
−0.09
−0.095
−0.1
−0.105
−0.11
4131
4131.5
4132
4132.5
4133
4133.5

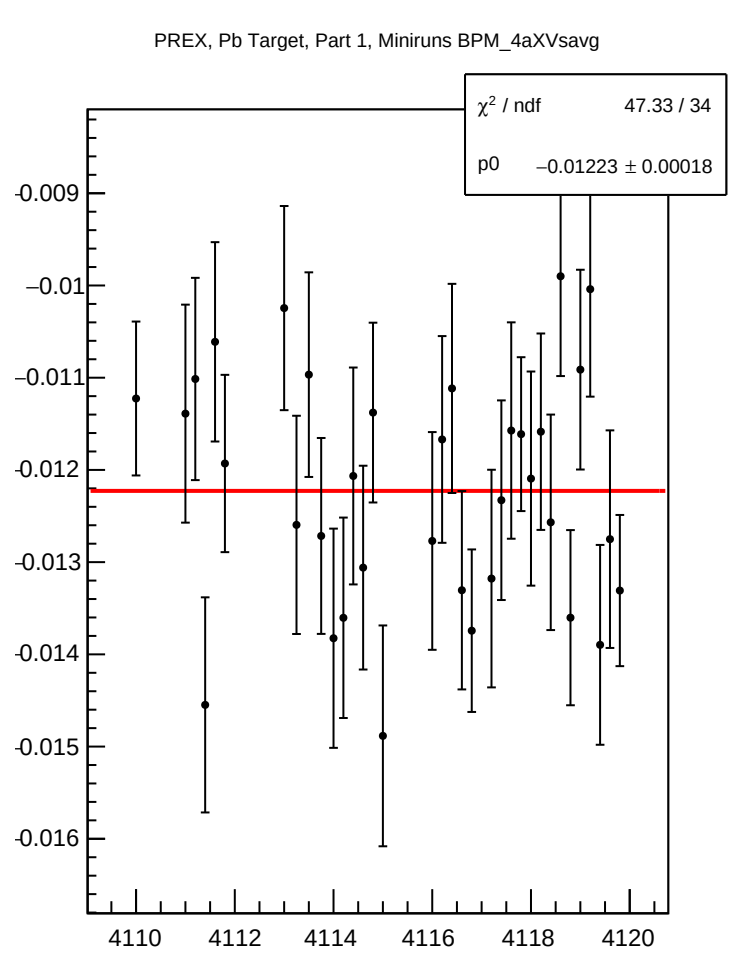

PREX, Carbon Target, Part 2, Miniuns BPM_EVsusr
PREX, Carbon Target, Part 2, Miniuns BPM_EVsusr
Entries 9
Mean −0.09665
Std Dev 0.003688
χ² / ndf 0.4406 / 5
Constant 1.125 ± 0.532
Mean −0.09764 ± 0.01415
Sigma 0.01255 ± 0.02042
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.104
−0.102
−0.1
−0.098
−0.096
−0.094
−0.092
−0.09

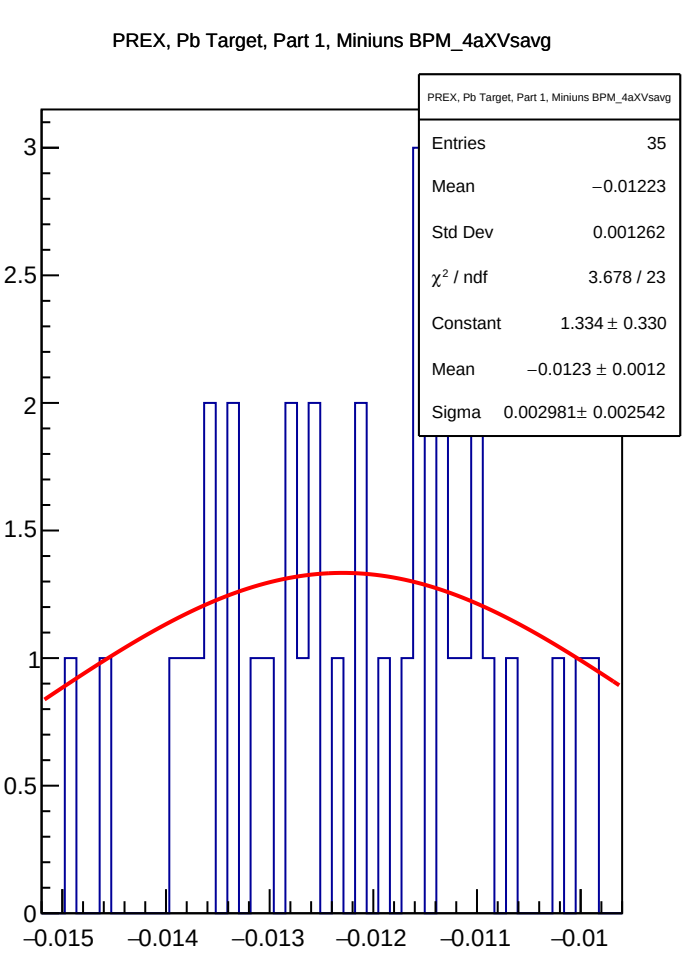

PREX, Pb Target, Part 1, Minirunx BPM_4aXVsavgVsBPM_4aXVsavg
χ² / ndf 3.582e-08 / 33
p0 4.336e−07 ± 0.002402
p1 1 ± 0.2159
PREX, Pb Target, Part 1, Minirunx BPM_4aYVsavgVsBPM_4aXVsavg
χ² / ndf 38.78 / 33
p0 0.02127 ± 0.01081
p1 −1.417 ± 0.9735
PREX, Pb Target, Part 1, Minirunx BPM_4aXVsavgVsBPM_4aYVsavg
χ² / ndf 40.74 / 33
p0 0.02671 ± 0.06543
p1 −3.681 ± 5.895
PREX, Pb Target, Part 1, Minirunx BPM_4aYVsavgVsBPM_4aYVsavg
χ² / ndf 38.35 / 33
p0 −0.02044 ± 0.01122
p1 2.12 ± 1.011
PREX, Pb Target, Part 1, Minirunx BPM_4aXVsavgVsBPM_EVsavg
χ² / ndf 40 / 33
p0 −0.01732 ± 0.014
p1 −1.329 ± 1.261
PREX, Pb Target, Part 1, Minirunx BPM_4aXVsavgVsBPM_4aXVsavg
χ² / ndf 38.78 / 33
p0 0.01502 ± 0.002229
p1 −0.7058 ± 0.4006
PREX, Pb Target, Part 1, Minirunx BPM_4aYVsavgVsBPM_4aXVsavg
χ² / ndf 5.535e−07 / 33
p0 -6.096e−07 ± 0.001094
p1 1 ± 0.1953
PREX, Pb Target, Part 1, Minirunx BPM_4aXVsavgVsBPM_4aYVsavg
χ² / ndf 52.36 / 33
p0 −10.14 ± 9.122
p1 1823 ± 1642
PREX, Pb Target, Part 1, Minirunx BPM_4aYVsavgVsBPM_4aYVsavg
χ² / ndf 4.511 / 33
p0 0.01202 ± 0.001866
p1 −1.609 ± 0.3333
PREX, Pb Target, Part 1, Minirunx BPM_4aYVsavgVsBPM_EVsavg
χ² / ndf 45.09 / 33
p0 −0.02612 ± 0.002487
p1 −1.069 ± 0.447
PREX, Pb Target, Part 1, Minirunx BPM_4aXVsavgVsBPM_4aXVsavg
χ² / ndf 40.74 / 33
p0 0.007255 ± 0.002728
p1 −0.2716 ± 0.1927
PREX, Pb Target, Part 1, Minirunx BPM_4aYVsavgVsBPM_4aXVsavg
χ² / ndf 52.33 / 33
p0 0.005227 ± 0.002017
p1 −0.0234 ± 0.1426
PREX, Pb Target, Part 1, Minirunx BPM_4aXVsavgVsBPM_4aYVsavg
χ² / ndf 5.575e−07 / 33
p0 -4.415e−07 ± 0.0006382
p1 1 ± 0.04509
PREX, Pb Target, Part 1, Minirunx BPM_4aYVsavgVsBPM_4aYVsavg
χ² / ndf 50.14 / 33
p0 0.00493 ± 0.003303
p1 0.1312 ± 0.2335
PREX, Pb Target, Part 1, Minirunx BPM_4aYVsavgVsBPM_EVsavg
χ² / ndf 65.62 / 33
p0 −0.02668 ± 0.0006079
p1 0.3811 ± 0.04293
PREX, Pb Target, Part 1, Minirunx BPM_4aXVsavgVsBPM_4aXVsavg
χ² / ndf 38.35 / 33
p0 0.009641 ± 0.0008003
p1 0.4718 ± 0.255
PREX, Pb Target, Part 1, Minirunx BPM_4aYVsavgVsBPM_4aXVsavg
χ² / ndf 4.511 / 33
p0 0.007471 ± 0.000419
p1 −0.6217 ± 0.1286
PREX, Pb Target, Part 1, Minirunx BPM_4aXVsavgVsBPM_4aYVsavg
χ² / ndf 50.14 / 33
p0 −0.0376 ± 0.02764
p1 7.629 ± 8.98
PREX, Pb Target, Part 1, Minirunx BPM_4aYVsavgVsBPM_4aYVsavg
χ² / ndf 9.795e−12 / 33
p0 8.591e−10 ± 0.0006521
p1 1 ± 0.199
PREX, Pb Target, Part 1, Minirunx BPM_4aYVsavgVsBPM_EVsavg
χ² / ndf 48.58 / 33
p0 −0.03597 ± 0.002623
p1 1.269 ± 0.8506
PREX, Pb Target, Part 1, Minirunx BPM_EVsavgVsBPM_4aXVsavg
χ² / ndf 40 / 33
p0 −0.01303 ± 0.01486
p1 −0.7524 ± 0.4633
PREX, Pb Target, Part 1, Minirunx BPM_EVsavgVsBPM_4aYVsavg
χ² / ndf 45.09 / 33
p0 −0.02443 ± 0.01164
p1 −0.9352 ± 0.363
PREX, Pb Target, Part 1, Minirunx BPM_EVsavgVsBPM_4aXVsavg
χ² / ndf 65.62 / 33
p0 0.07002 ± 0.008979
p1 2.624 ± 0.28
PREX, Pb Target, Part 1, Minirunx BPM_EVsavgVsBPM_4aYVsavg
χ² / ndf 48.58 / 33
p0 0.02834 ± 0.01855
p1 0.288 ± 0.5784
PREX, Pb Target, Part 1, Minirunx BPM_EVsavgVsBPM_EVsavg
χ² / ndf 2.427e−07 / 33
p0 7.493e−07 ± 0.003675
p1 1 ± 0.1148

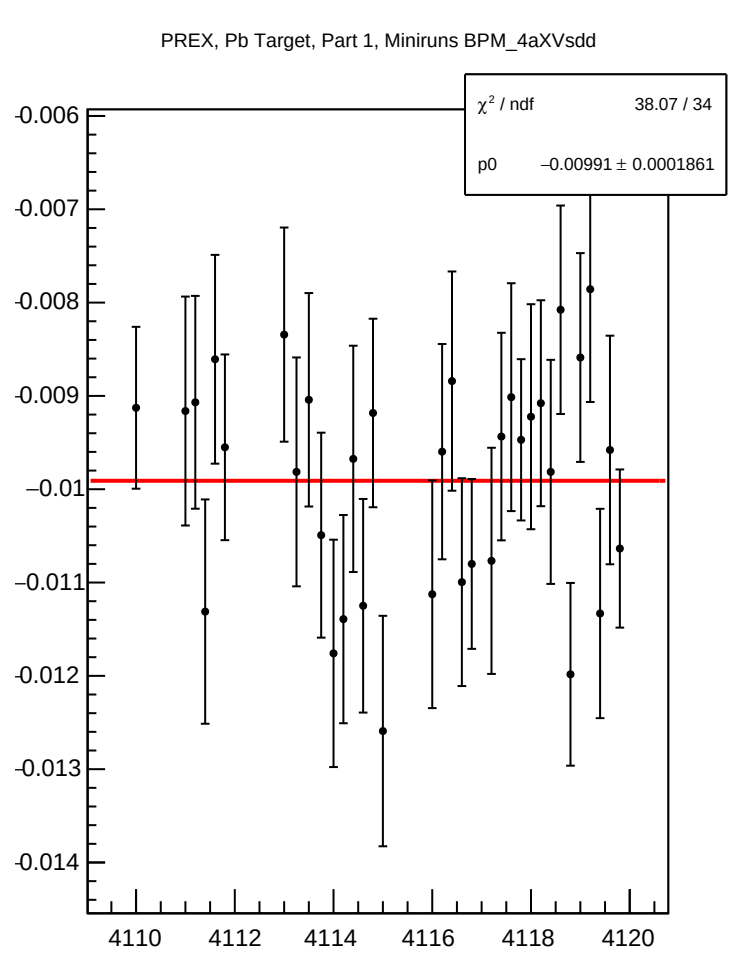

PREX, Pb Target, Part 1, Minirun BPM_4aXVsdd VsBPM_4aXVsdd
PREX, Pb Target, Part 1, Minirun BPM_4aXVsddVsBPM_4aYVsdd
PREX, Pb Target, Part 1, Minirun BPM_4aXVsddVsBPM_4eXVsdd
PREX, Pb Target, Part 1, Minirun BPM_4aXVsddVsBPM_4eYVsdd
PREX, Pb Target, Part 1, Minirun BPM_4aXVsddVsBPM_EVsdd
PREX, Pb Target, Part 1, Minirun BPM_4aYVsddVsBPM_4aXVsdd
PREX, Pb Target, Part 1, Minirun BPM_4aYVsddVsBPM_4aYVsdd
PREX, Pb Target, Part 1, Minirun BPM_4aYVsddVsBPM_4eXVsdd
PREX, Pb Target, Part 1, Minirun BPM_4aYVsddVsBPM_4eYVsdd
PREX, Pb Target, Part 1, Minirun BPM_4aYVsddVsBPM_EVsdd
PREX, Pb Target, Part 1, Minirun BPM_4eXVsddVsBPM_4aXVsdd
PREX, Pb Target, Part 1, Minirun BPM_4eXVsddVsBPM_4aYVsdd
PREX, Pb Target, Part 1, Minirun BPM_4eXVsddVsBPM_4eXVsdd
PREX, Pb Target, Part 1, Minirun BPM_4eXVsddVsBPM_4eYVsdd
PREX, Pb Target, Part 1, Minirun BPM_4eXVsddVsBPM_EVsdd
PREX, Pb Target, Part 1, Minirun BPM_4eYVsddVsBPM_4aXVsdd
PREX, Pb Target, Part 1, Minirun BPM_4eYVsddVsBPM_4aYVsdd
PREX, Pb Target, Part 1, Minirun BPM_4eYVsddVsBPM_4eXVsdd
PREX, Pb Target, Part 1, Minirun BPM_4eYVsddVsBPM_4eYVsdd
PREX, Pb Target, Part 1, Minirun BPM_4eYVsddVsBPM_EVsdd
PREX, Pb Target, Part 1, Minirun BPM_EVsddVsBPM_4aXVsdd
PREX, Pb Target, Part 1, Minirun BPM_EVsddVsBPM_4aYVsdd
PREX, Pb Target, Part 1, Minirun BPM_EVsddVsBPM_4eXVsdd
PREX, Pb Target, Part 1, Minirun BPM_EVsddVsBPM_4eYVsdd
PREX, Pb Target, Part 1, Minirun BPM_EVsddVsBPM_EVsdd

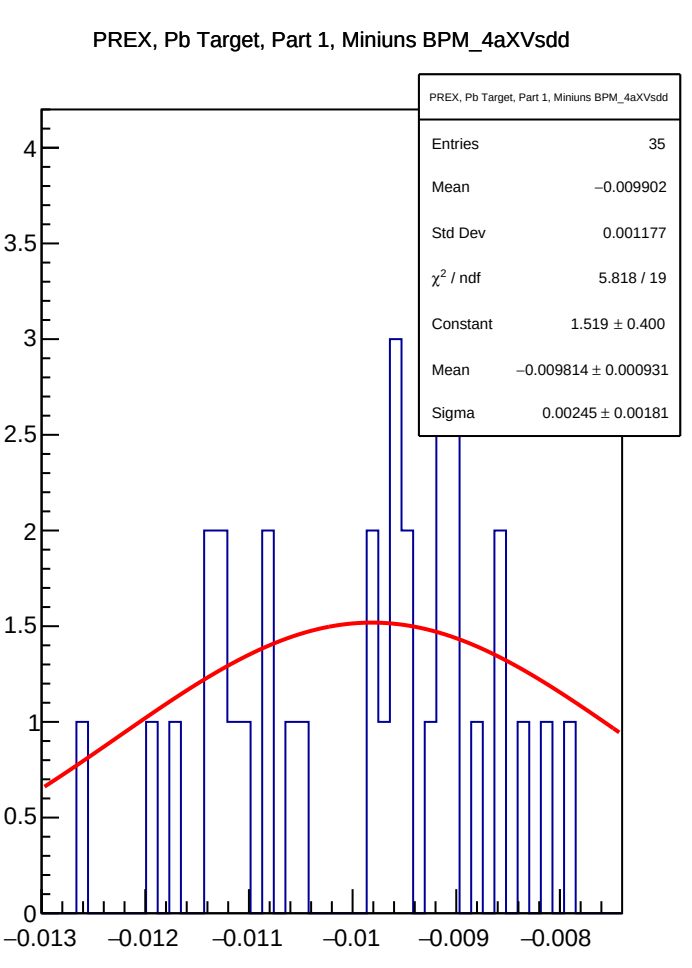

PREX, Pb Target, Part 1, Miniruns BPM_4aXVsusIVsBPM_EVsusI
χ² / ndf 1.793e−07 / 33
p0 −4.206e−07 ± 0.008106
p1 1 ± 0.2243
χ² / ndf 38.35 / 33
p0 0.2214 ± 0.2742
p1 −6.023 ± 7.591
χ² / ndf 38.85 / 33
p0 1.944 ± 137.5
p1 −55.7 ± 1.707
χ² / ndf 38.26 / 33
p0 −0.2941 ± 0.1418
p1 8.298 ± 3.926
χ² / ndf 31.57 / 33
p0 −0.01277 ± 0.0087
p1 −0.4889 ± 0.2409
χ² / ndf 38.35 / 33
p0 0.03675 ± 0.0006714
p1 −0.166 ± 0.1672
χ² / ndf 1.008e−09 / 33
p0 1.242e−08 ± 0.0005675
p1 1 ± 0.1373
χ² / ndf 87.48 / 33
p0 −0.07326 ± 0.001419
p1 1.575 ± 0.3623
χ² / ndf 3.471 / 33
p0 0.01138 ± 0.0009088
p1 −1.508 ± 0.2203
χ² / ndf 67.03 / 33
p0 −0.02991 ± 0.0001998
p1 −0.134 ± 0.05033
χ² / ndf 31.87 / 33
p0 0.0003325 ± 0.01314
p1 −0.5326 ± 0.1956
χ² / ndf 87.48 / 33
p0 0.04651 ± 0.009988
p1 0.6349 ± 0.1487
χ² / ndf 4.564e−07 / 33
p0 −2.03e−07 ± 0.003073
p1 1 ± 0.04574
χ² / ndf 80.19 / 33
p0 −0.04511 ± 0.01629
p1 −0.7541 ± 0.2425
χ² / ndf 58.95 / 33
p0 −0.01904 ± 0.002837
p1 0.1694 ± 0.04221
χ² / ndf 38.26 / 33
p0 0.03544 ± 0.0006765
p1 0.1205 ± 0.1167
χ² / ndf 3.471 / 33
p0 0.007541 ± 0.0005756
p1 −0.663 ± 0.09683
χ² / ndf 80.19 / 33
p0 −0.05982 ± 0.002457
p1 −1.326 ± 0.44
χ² / ndf 8.847e−09 / 33
p0 1.606e−08 ± 0.000888
p1 1 ± 0.149
χ² / ndf 65.1 / 33
p0 −0.03104 ± 0.0002249
p1 0.1112 ± 0.03982
χ² / ndf 31.57 / 33
p0 −0.02612 ± 0.02484
p1 −2.046 ± 0.8165
χ² / ndf 67.03 / 33
p0 −0.2232 ± 0.005178
p1 −7.464 ± 0.1702
χ² / ndf 58.95 / 33
p0 0.1124 ± 0.0365
p1 5.902 ± 1.199
χ² / ndf 65.1 / 33
p0 0.2792 ± 0.07305
p1 8.993 ± 2.401
χ² / ndf 9.435e−11 / 33
p0 4.634e−08 ± 0.004943
p1 1 ± 0.1624

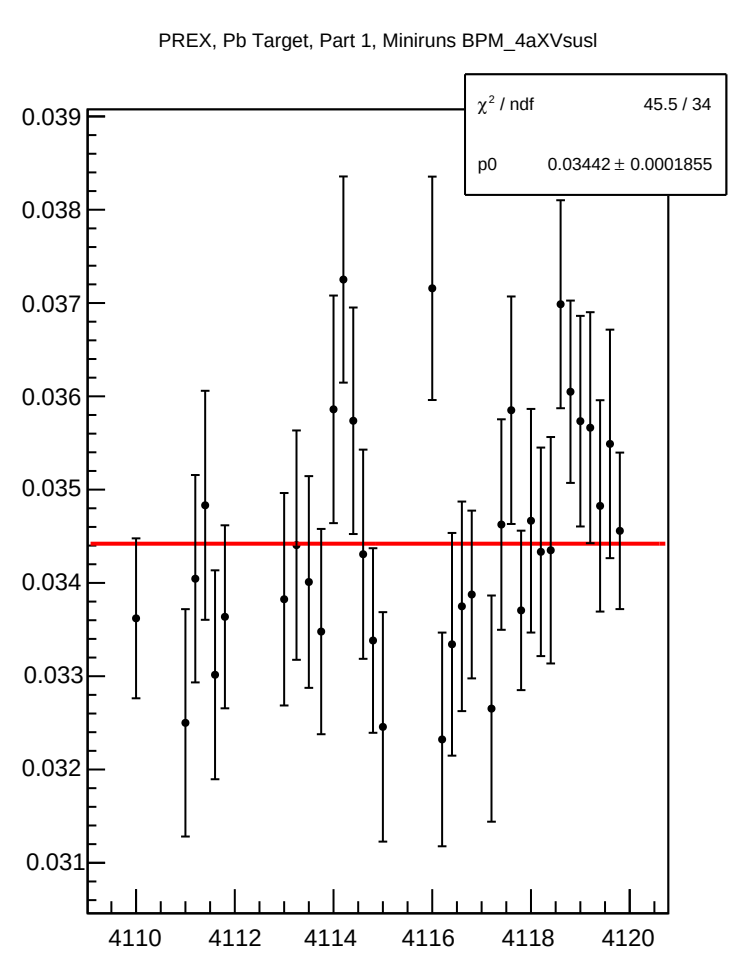

PREX, Pb Target, Part 1, Minirun BPM_4aXVusr/VsBPM_4aXVusr
χ² / ndf 1.954e−07 / 33
p0 −7.561e−08 ± 0.002525
p1 1 ± 0.2055
PREX, Pb Target, Part 1, Minirun BPM_4aXVusr/VsBPM_4eYVusr
χ² / ndf 39.82 / 33
p0 −0.006645 ± 0.006003
p1 −1.107 ± 0.4906
PREX, Pb Target, Part 1, Minirun BPM_4aXVusr/VsBPM_4eXVusr
χ² / ndf 47.14 / 33
p0 −0.01447 ± 0.1371
p1 −3.969 ± 11.21
PREX, Pb Target, Part 1, Minirun BPM_4aXVusr/VsBPM_4aYVusr
χ² / ndf 39.93 / 33
p0 0.0203 ± 0.00867
p1 1.576 ± 0.7086
PREX, Pb Target, Part 1, Minirun BPM_4aXVusr/VsBPM_EVusr
χ² / ndf 46.83 / 33
p0 −0.01356 ± 0.02198
p1 1.74 ± 1.798
PREX, Pb Target, Part 1, Minirun BPM_4aYVusr/VsBPM_4aXVusr
χ² / ndf 39.82 / 33
p0 −0.006002 ± 0.002747
p1 −0.9038 ± 0.3977
PREX, Pb Target, Part 1, Minirun BPM_4aYVusr/VsBPM_4eYVusr
χ² / ndf 1.369e−09 / 33
p0 −1.268e−08 ± 0.001312
p1 1 ± 0.1885
PREX, Pb Target, Part 1, Minirun BPM_4aYVusr/VsBPM_4eXVusr
χ² / ndf 37.71 / 33
p0 0.03795 ± 0.0009988
p1 −0.5648 ± 0.1445
PREX, Pb Target, Part 1, Minirun BPM_4aYVusr/VsBPM_4aYVusr
χ² / ndf 2.329 / 33
p0 0.01186 ± 0.002158
p1 −1.572 ± 0.3102
PREX, Pb Target, Part 1, Minirun BPM_4aYVusr/VsBPM_EVusr
χ² / ndf 38.33 / 33
p0 −0.03182 ± 0.0008676
p1 −0.4369 ± 0.1256
PREX, Pb Target, Part 1, Minirun BPM_4eXVusr/VsBPM_4aXVusr
χ² / ndf 47.14 / 33
p0 −0.003645 ± 0.01992
p1 −0.252 ± 0.5848
PREX, Pb Target, Part 1, Minirun BPM_4eXVusr/VsBPM_4eYVusr
χ² / ndf 37.71 / 33
p0 0.06719 ± 0.0158
p1 −1.77 ± 0.4579
PREX, Pb Target, Part 1, Minirun BPM_4eXVusr/VsBPM_4eXVusr
χ² / ndf 4.543e−10 / 33
p0 −8.315e−08 ± 0.0039
p1 1 ± 0.1145
PREX, Pb Target, Part 1, Minirun BPM_4eXVusr/VsBPM_4aYVusr
χ² / ndf 39.24 / 33
p0 −0.08098 ± 0.02369
p1 2.408 ± 0.6954
PREX, Pb Target, Part 1, Minirun BPM_4eXVusr/VsBPM_EVusr
χ² / ndf 37.31 / 33
p0 −0.06075 ± 0.004992
p1 0.761 ± 0.1378
PREX, Pb Target, Part 1, Minirun BPM_4eYVusr/VsBPM_4aXVusr
χ² / ndf 39.93 / 33
p0 −0.01288 ± 0.0003776
p1 0.6347 ± 0.2911
PREX, Pb Target, Part 1, Minirun BPM_4eYVusr/VsBPM_4eYVusr
χ² / ndf 2.329 / 33
p0 0.007541 ± 0.0002336
p1 −0.636 ± 0.1253
PREX, Pb Target, Part 1, Minirun BPM_4eYVusr/VsBPM_4eXVusr
χ² / ndf 39.24 / 33
p0 0.03364 ± 0.0001591
p1 0.4154 ± 0.123
PREX, Pb Target, Part 1, Minirun BPM_4eYVusr/VsBPM_4aYVusr
χ² / ndf 1.54e−10 / 33
p0 1.436e−09 ± 0.0003726
p1 1 ± 0.1995
PREX, Pb Target, Part 1, Minirun BPM_4eYVusr/VsBPM_EVusr
χ² / ndf 45.2 / 33
p0 −0.03524 ± 0.0001984
p1 0.4014 ± 0.1683
PREX, Pb Target, Part 1, Minirun BPM_EVusr/VsBPM_4aXVusr
χ² / ndf 46.83 / 33
p0 0.0078 ± 0.0282
p1 0.5749 ± 0.8095
PREX, Pb Target, Part 1, Minirun BPM_EVusr/VsBPM_4aYVusr
χ² / ndf 38.33 / 33
p0 −0.07283 ± 0.02318
p1 −2.288 ± 0.6657
PREX, Pb Target, Part 1, Minirun BPM_EVusr/VsBPM_4eXVusr
χ² / ndf 37.31 / 33
p0 0.07983 ± 0.007429
p1 1.914 ± 0.2133
PREX, Pb Target, Part 1, Minirun BPM_EVusr/VsBPM_4eYVusr
χ² / ndf 45.2 / 33
p0 0.08779 ± 0.03544
p1 2.491 ± 1.018
PREX, Pb Target, Part 1, Minirun BPM_EVusr/VsBPM_EVusr
χ² / ndf 4.347e−11 / 33
p0 3.298e−08 ± 0.005467
p1 1 ± 0.1572

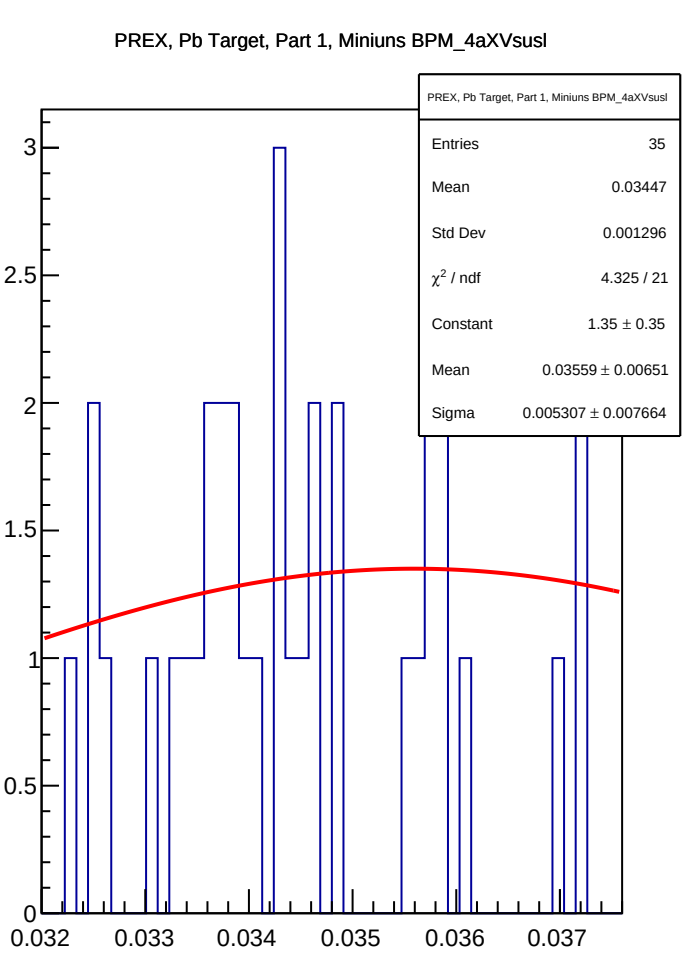

PREX, Pb Target, Part 1, Miniruns BPM_4aXVsavg
χ² / ndf 47.33 / 34
p0 −0.01223 ± 0.00018
-0.009
−0.01
−0.011
-0.012
-0.013
-0.014
-0.015
-0.016
4110
4112
4114
4116
4118
4120

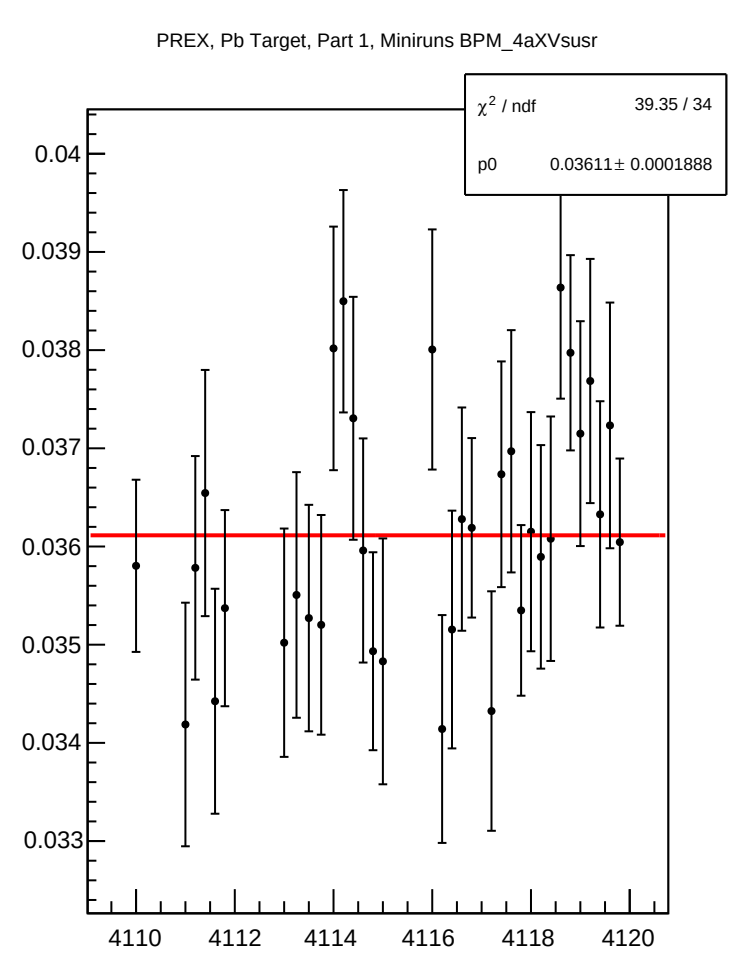

PREX, Pb Target, Part 1, Miniuns BPM_4aXVsavg
PREX, Pb Target, Part 1, Miniuns BPM_4aXVsavg
Entries 35
Mean −0.01223
Std Dev 0.001262
χ² / ndf 3.678 / 23
Constant 1.334 ± 0.330
Mean −0.0123 ± 0.0012
Sigma 0.002981± 0.002542
3
2.5
2
1.5
1
0.5
0
−0.015
−0.014
−0.013
−0.012
−0.011
−0.01

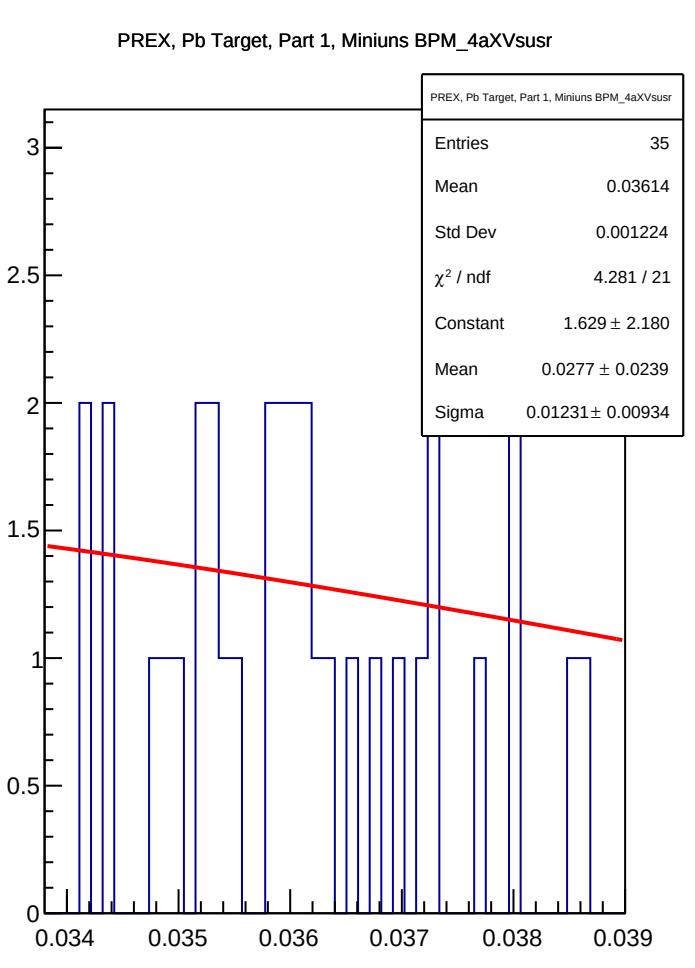

PREX, Pb Target, Part 1, Miniruns BPM_4aXVsdd
χ² / ndf 38.07 / 34
p0 −0.00991 ± 0.0001861
-0.006
-0.007
-0.008
-0.009
−0.01
-0.011
-0.012
-0.013
-0.014
4110
4112
4114
4116
4118
4120

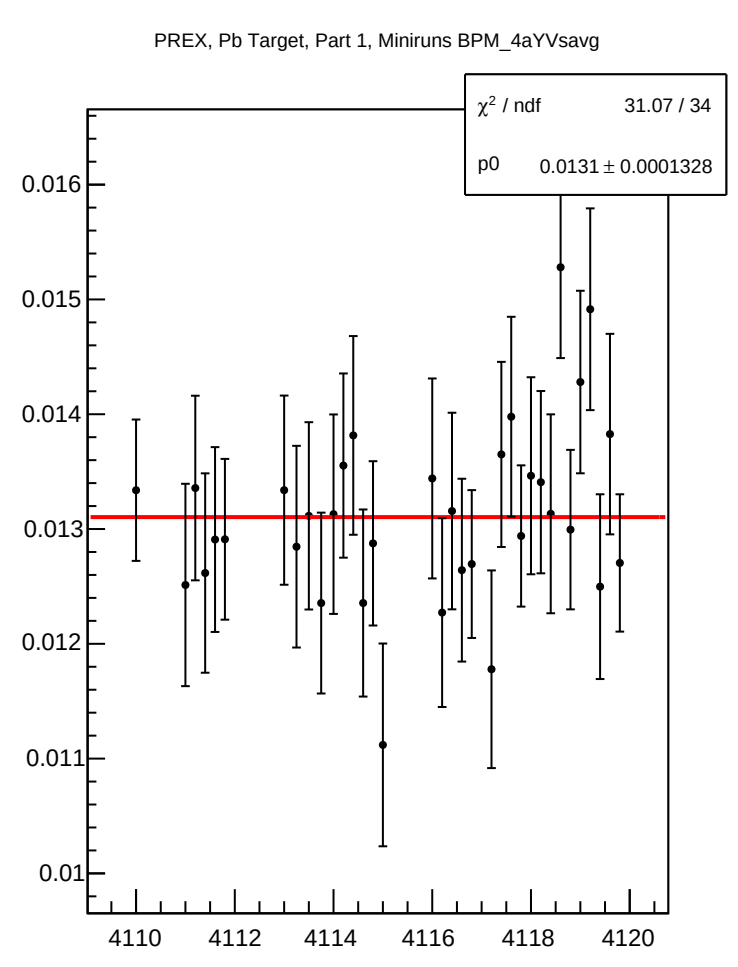

PREX, Pb Target, Part 1, Miniuns BPM_4aXVsdd
PREX, Pb Target, Part 1, Miniuns BPM_4aXVsdd
Entries 35
Mean −0.009902
Std Dev 0.001177
χ² / ndf 5.818 / 19
Constant 1.519 ± 0.400
Mean −0.009814 ± 0.000931
Sigma 0.00245 ± 0.00181
4
3.5
3
2.5
2
1.5
1
0.5
0
−0.013
−0.012
−0.011
−0.01
−0.009
−0.008

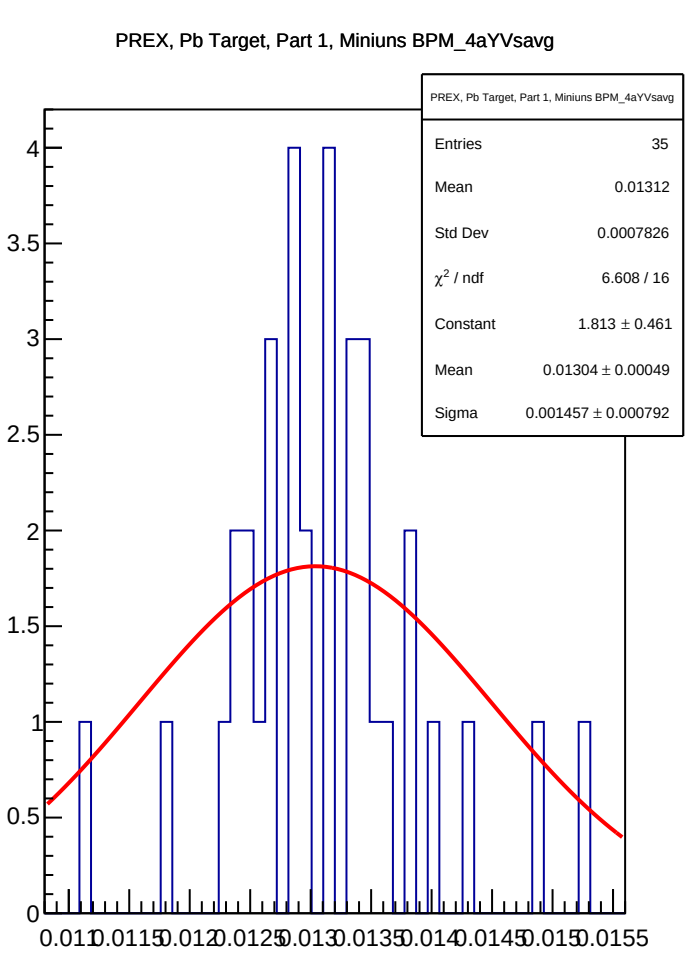

PREX, Pb Target, Part 1, Miniruns BPM_4aXVsusl
χ² / ndf 45.5 / 34
p0 0.03442 ± 0.0001855
0.039
0.038
0.037
0.036
0.035
0.034
0.033
0.032
0.031
4110
4112
4114
4116
4118
4120

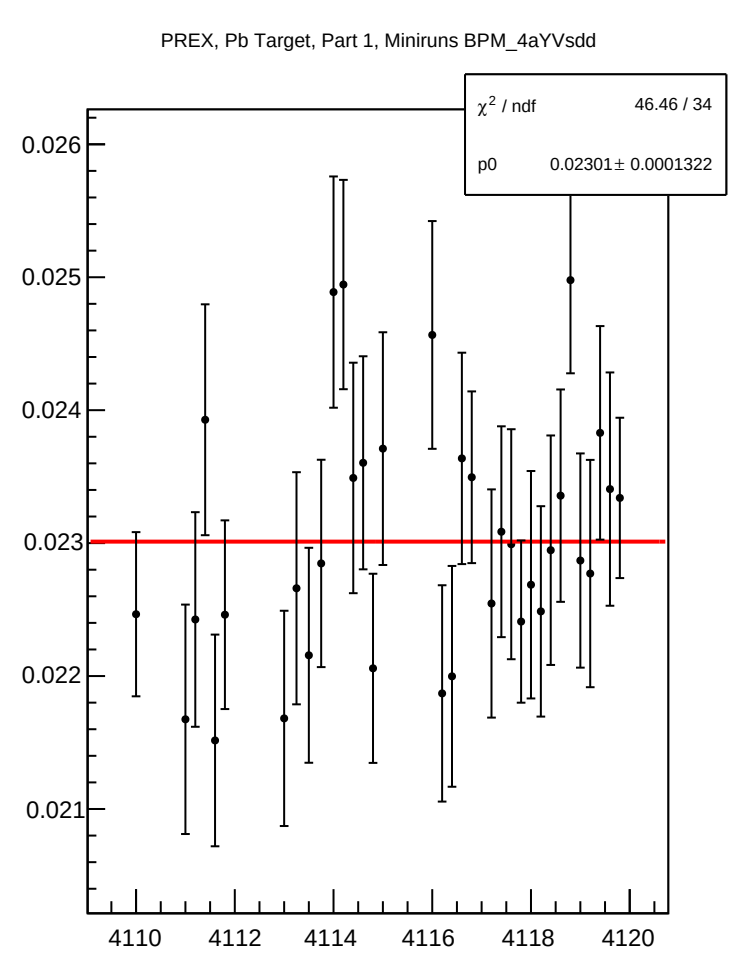

PREX, Pb Target, Part 1, Miniuns BPM_4aXVsusl
PREX, Pb Target, Part 1, Miniuns BPM_4aXVsusl
Entries 35
Mean 0.03447
Std Dev 0.001296
χ² / ndf 4.325 / 21
Constant 1.35 ± 0.35
Mean 0.03559 ± 0.00651
Sigma 0.005307 ± 0.007664
3
2.5
2
1.5
1
0.5
0
0.032
0.033
0.034
0.035
0.036
0.037

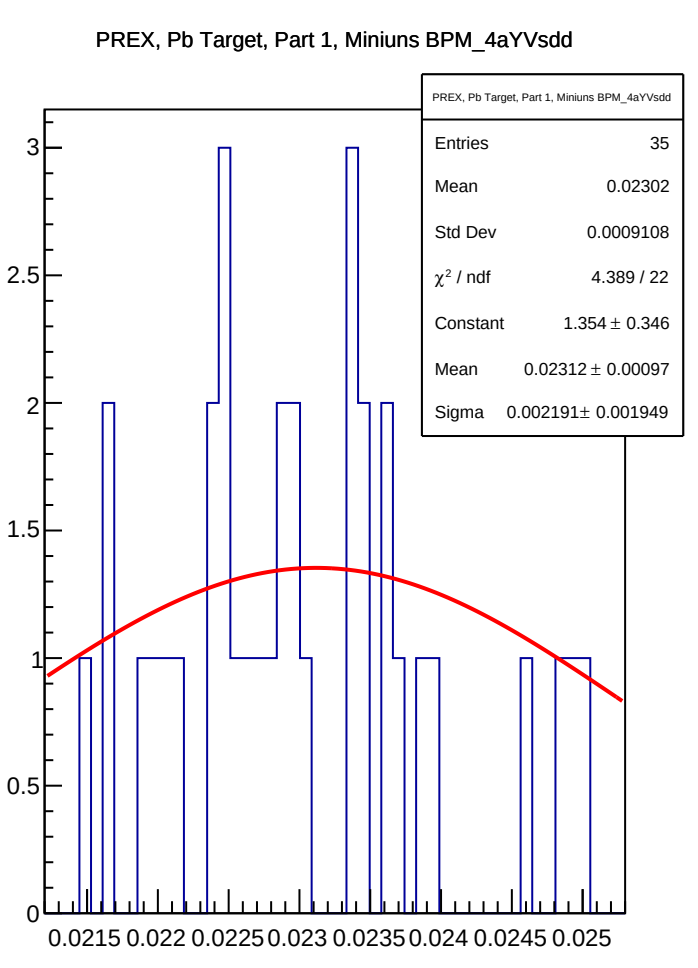

PREX, Pb Target, Part 1, Miniruns BPM_4aXVsusr
χ² / ndf 39.35 / 34
p0 0.03611± 0.0001888
0.04
0.039
0.038
0.037
0.036
0.035
0.034
0.033
4110
4112
4114
4116
4118
4120

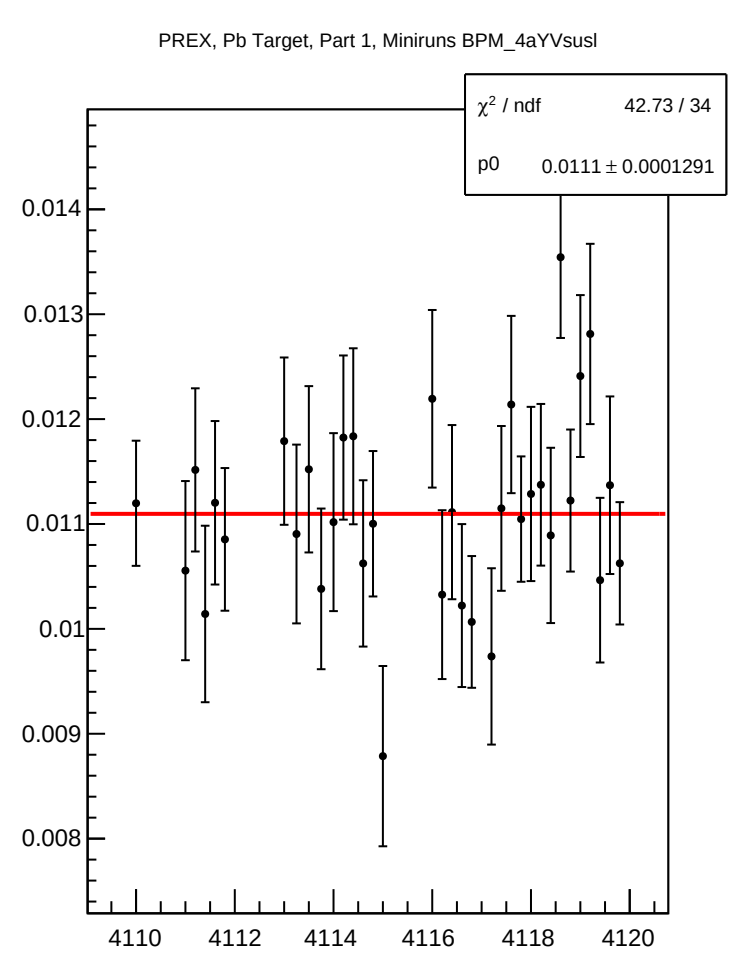

PREX, Pb Target, Part 1, Miniuns BPM_4aXVsusr
PREX, Pb Target, Part 1, Miniuns BPM_4aXVsusr
Entries 35
Mean 0.03614
Std Dev 0.001224
χ² / ndf 4.281 / 21
Constant 1.629 ± 2.180
Mean 0.0277 ± 0.0239
Sigma 0.01231± 0.00934
3
2.5
2
1.5
1
0.5
0
0.034
0.035
0.036
0.037
0.038
0.039

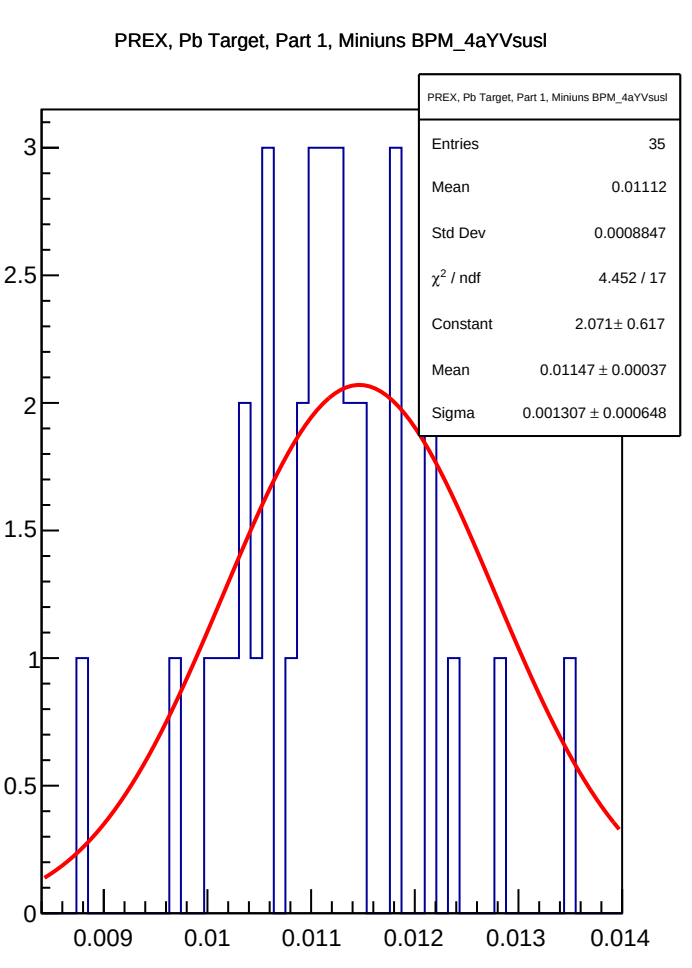

PREX, Pb Target, Part 1, Miniruns BPM_4aYVsavg
χ² / ndf 31.07 / 34
p0 0.0131 ± 0.0001328
0.016
0.015
0.014
0.013
0.012
0.011
0.01
4110
4112
4114
4116
4118
4120

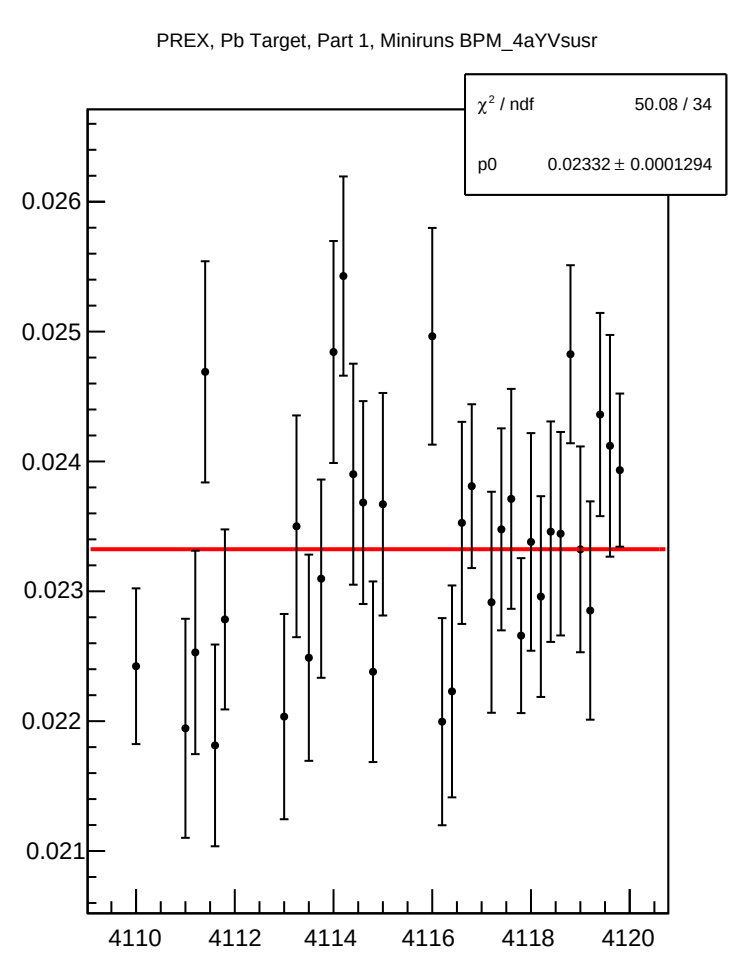

PREX, Pb Target, Part 1, Miniuns BPM_4aYVsavg
PREX, Pb Target, Part 1, Miniuns BPM_4aYVsavg
Entries 35
Mean 0.01312
Std Dev 0.0007826
χ² / ndf 6.608 / 16
Constant 1.813 ± 0.461
Mean 0.01304 ± 0.00049
Sigma 0.001457 ± 0.000792
4
3.5
3
2.5
2
1.5
1
0.5
0
0.011
0.0115
0.012
0.0125
0.013
0.0135
0.014
0.0145
0.015
0.0155

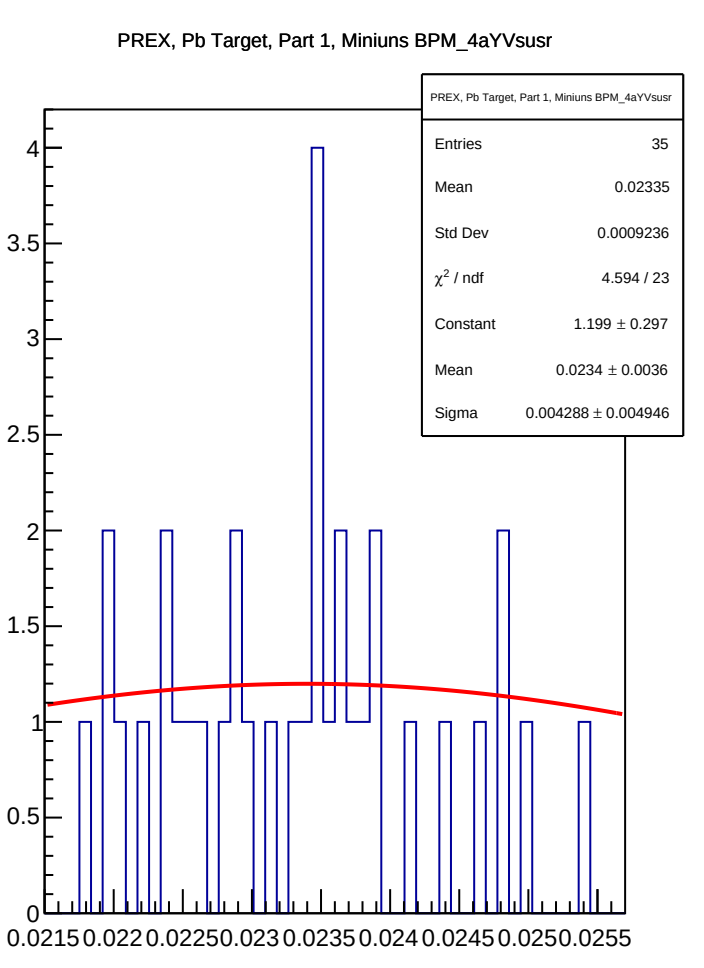

PREX, Pb Target, Part 1, Miniruns BPM_4aYVsdd
χ² / ndf 46.46 / 34
p0 0.02301 ± 0.0001322
0.026
0.025
0.024
0.023
0.022
0.021
4110
4112
4114
4116
4118
4120

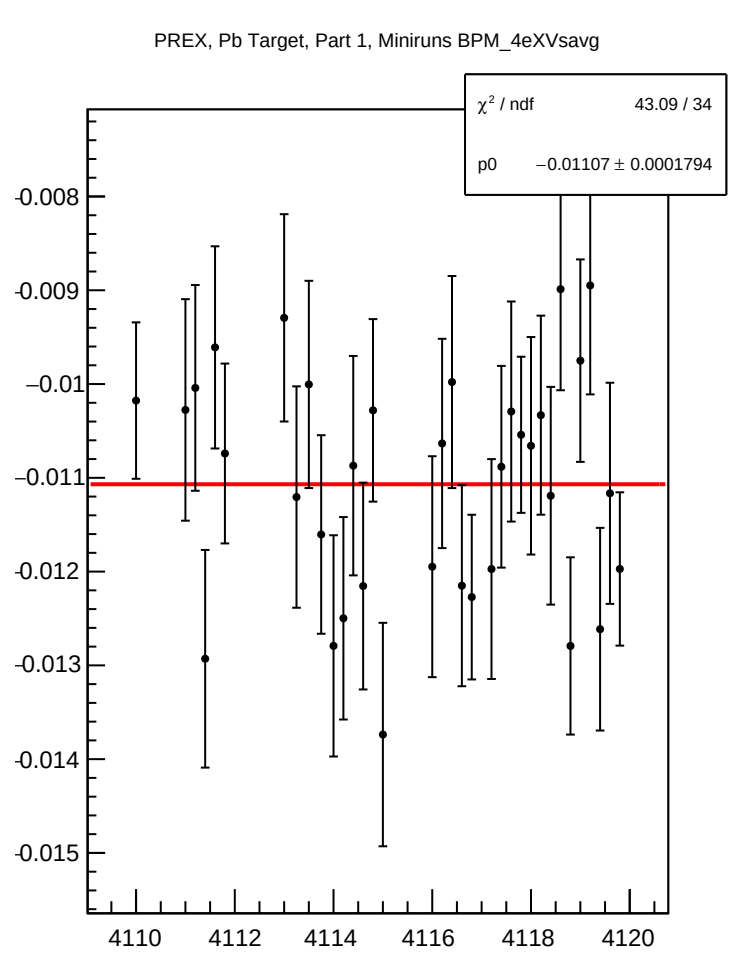

PREX, Pb Target, Part 1, Miniuns BPM_4aYVsdd
PREX, Pb Target, Part 1, Miniuns BPM_4aYVsdd
Entries 35
Mean 0.02302
Std Dev 0.0009108
χ² / ndf 4.389 / 22
Constant 1.354 ± 0.346
Mean 0.02312 ± 0.00097
Sigma 0.002191 ± 0.001949
3
2.5
2
1.5
1
0.5
0
0.0215
0.022
0.0225
0.023
0.0235
0.024
0.0245
0.025

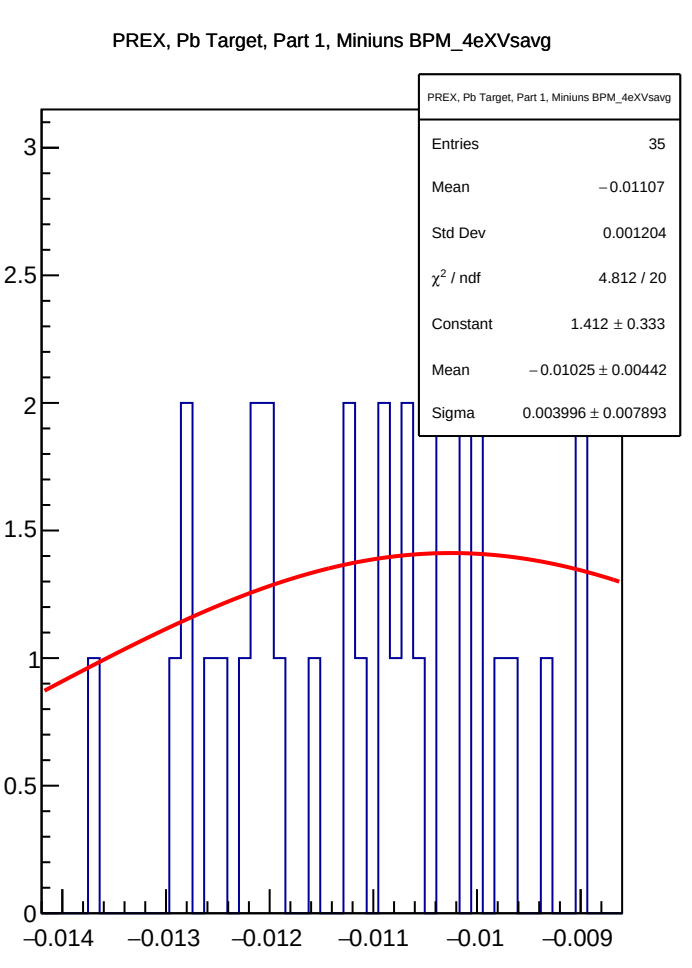

PREX, Pb Target, Part 1, Miniruns BPM_4aYVsusl
χ² / ndf 42.73 / 34
p0 0.0111 ± 0.0001291
0.014
0.013
0.012
0.011
0.01
0.009
0.008
4110
4112
4114
4116
4118
4120

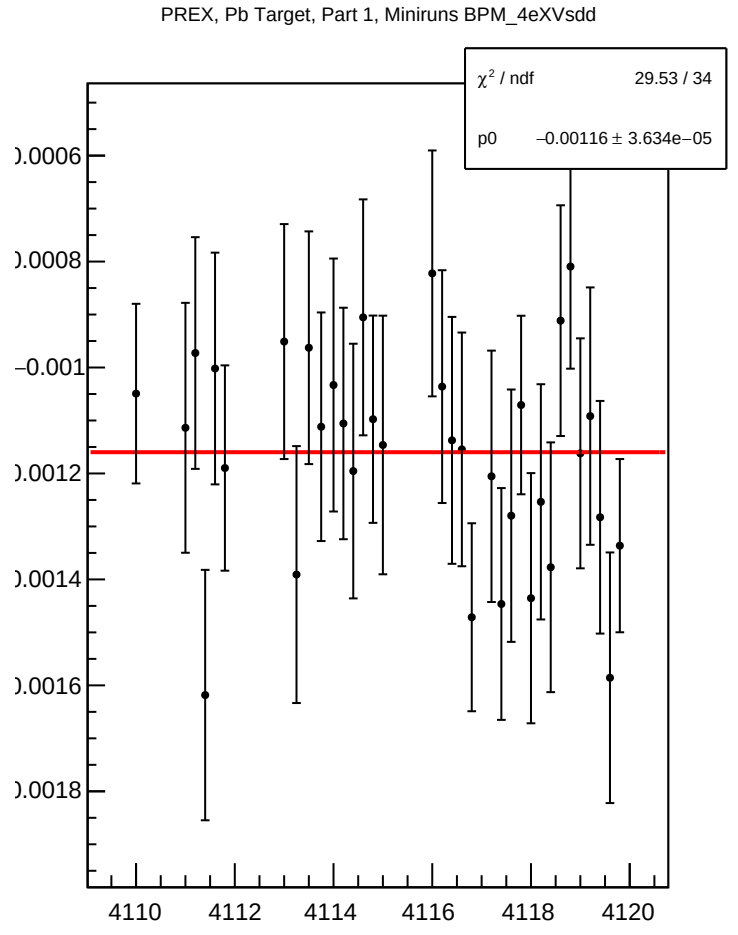

PREX, Pb Target, Part 1, Miniuns BPM_4aYVsusl
PREX, Pb Target, Part 1, Miniuns BPM_4aYVsusl
Entries 35
Mean 0.01112
Std Dev 0.0008847
χ² / ndf 4.452 / 17
Constant 2.071± 0.617
Mean 0.01147 ± 0.00037
Sigma 0.001307 ± 0.000648
3
2.5
2
1.5
1
0.5
0
0.009
0.01
0.011
0.012
0.013
0.014

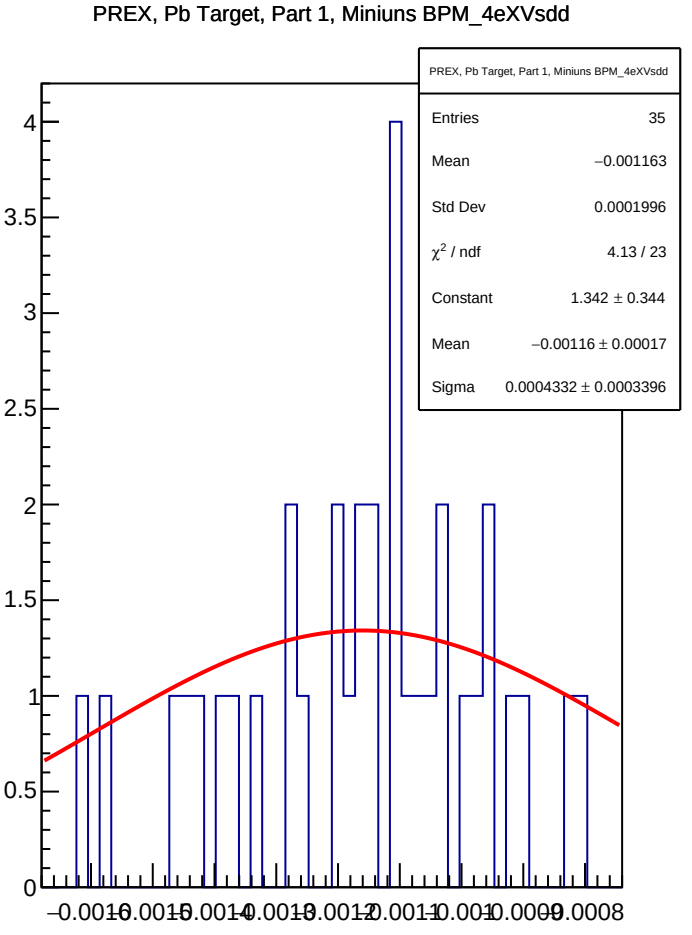

PREX, Pb Target, Part 1, Miniruns BPM_4aYVsusr
χ² / ndf 50.08 / 34
p0 0.02332 ± 0.0001294
0.026
0.025
0.024
0.023
0.022
0.021
4110
4112
4114
4116
4118
4120

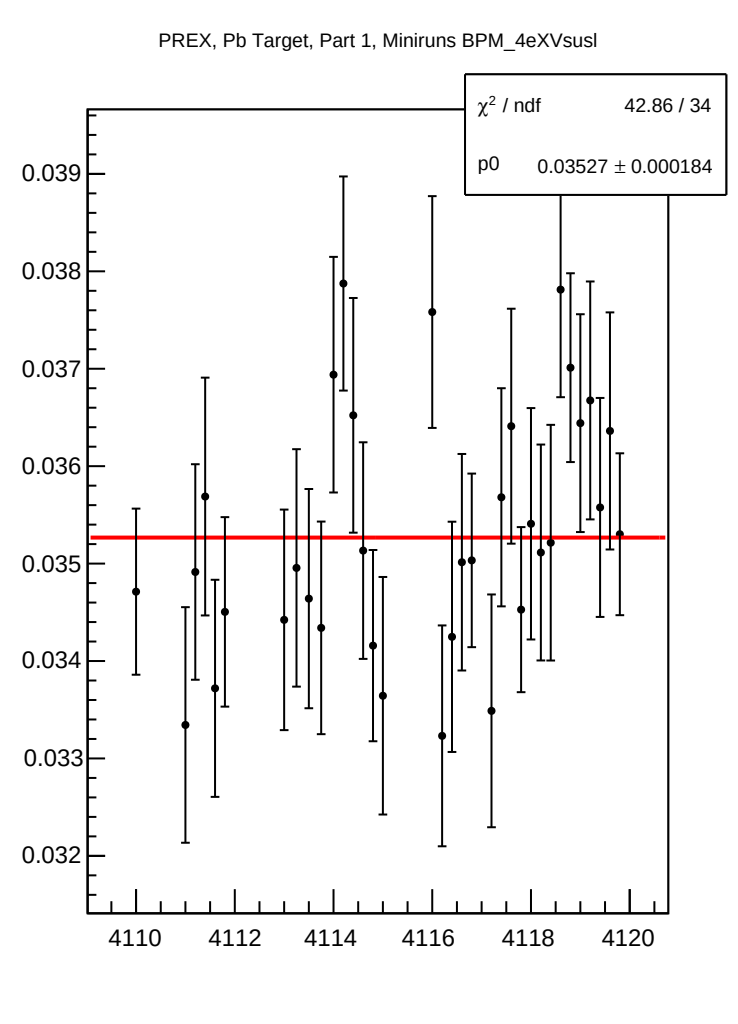

PREX, Pb Target, Part 1, Miniuns BPM_4aYVsusr
PREX, Pb Target, Part 1, Miniuns BPM_4aYVsusr
Entries 35
Mean 0.02335
Std Dev 0.0009236
χ² / ndf 4.594 / 23
Constant 1.199 ± 0.297
Mean 0.0234 ± 0.0036
Sigma 0.004288 ± 0.004946
4
3.5
3
2.5
2
1.5
1
0.5
0
0.0215
0.022
0.0225
0.023
0.0235
0.024
0.0245
0.025
0.0255

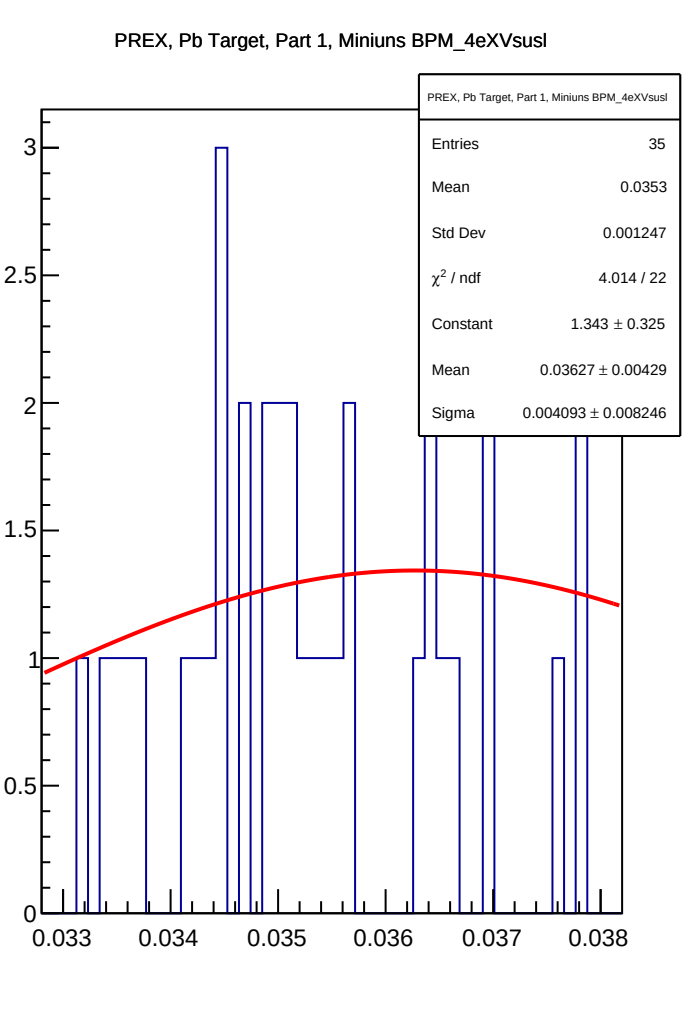

PREX, Pb Target, Part 1, Miniruns BPM_4eXVsavg
χ² / ndf 43.09 / 34
p0 −0.01107 ± 0.0001794
-0.008
-0.009
−0.01
-0.011
-0.012
-0.013
-0.014
-0.015
4110
4112
4114
4116
4118
4120

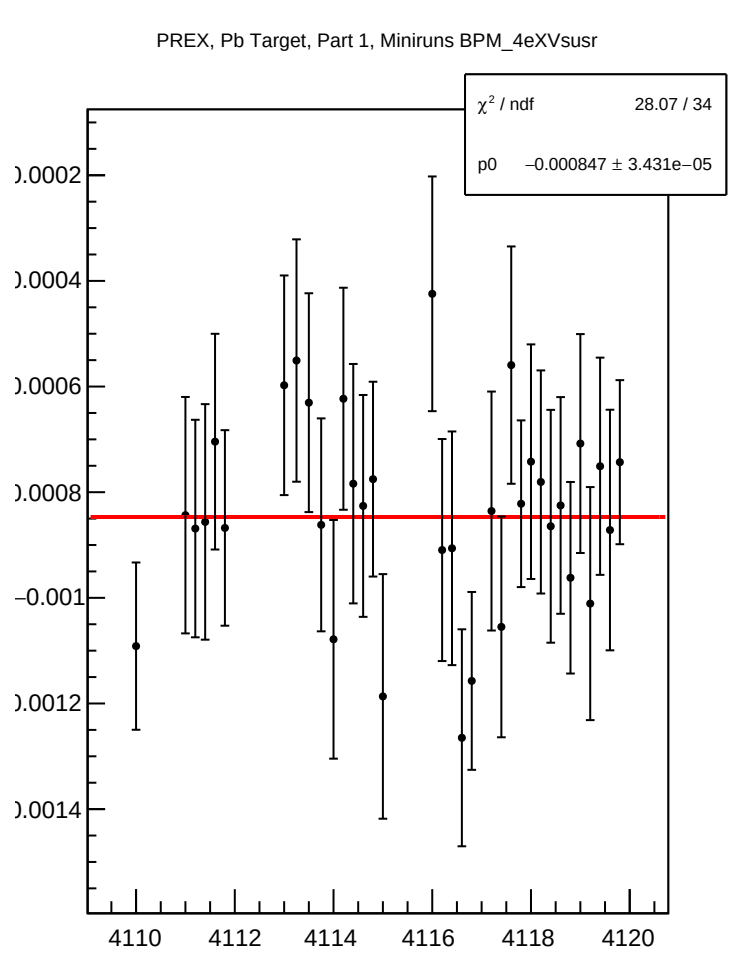

PREX, Pb Target, Part 1, Miniuns BPM_4eXVsavg
PREX, Pb Target, Part 1, Miniuns BPM_4eXVsavg
Entries 35
Mean −0.01107
Std Dev 0.001204
χ² / ndf 4.812 / 20
Constant 1.412 ± 0.333
Mean −0.01025 ± 0.00442
Sigma 0.003996 ± 0.007893
3
2.5
2
1.5
1
0.5
0
−0.014
−0.013
−0.012
−0.011
−0.01
−0.009

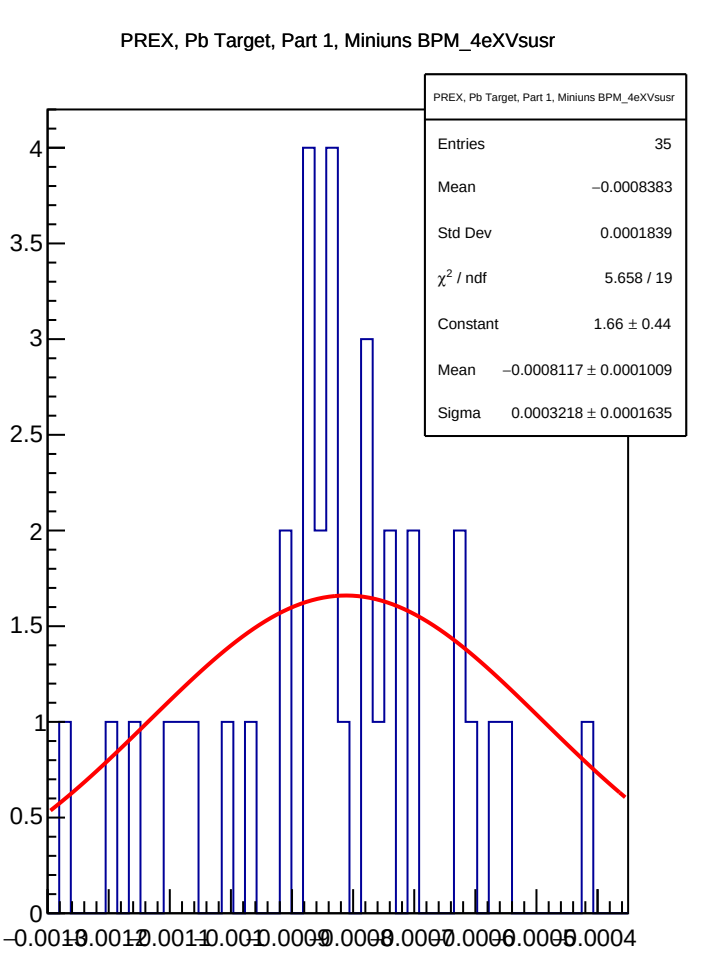

PREX, Pb Target, Part 1, Miniruns BPM_4eXVsdd
χ² / ndf 29.53 / 34
p0 −0.00116 ± 3.634e−05
0.0006
0.0008
−0.001
0.0012
0.0014
0.0016
0.0018
4110
4112
4114
4116
4118
4120

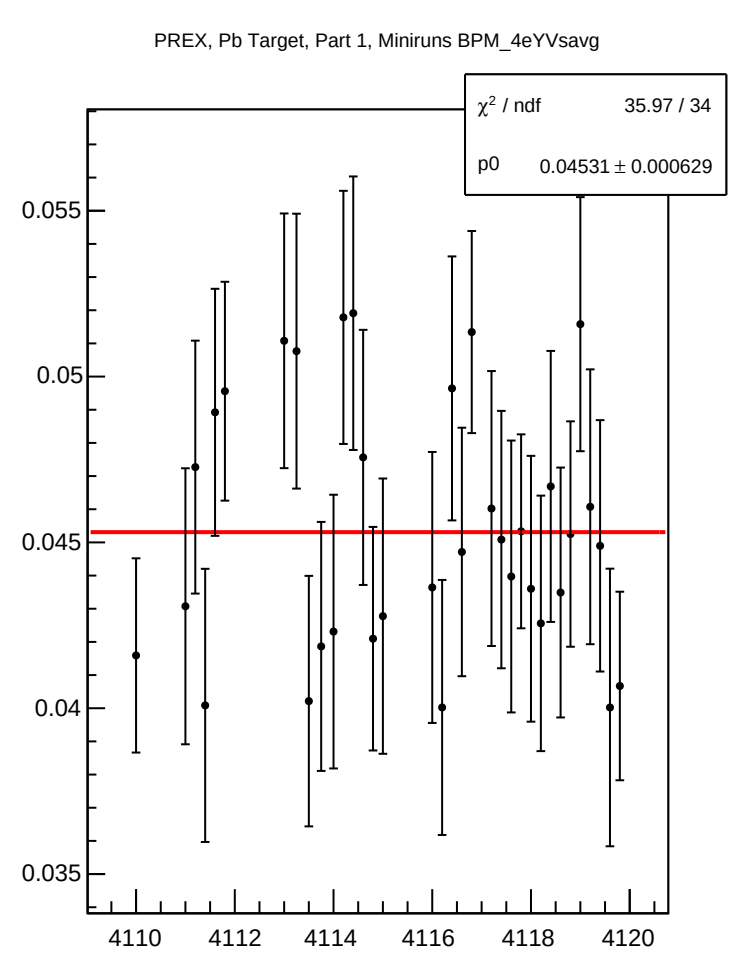

PREX, Pb Target, Part 1, Miniuns BPM_4eXVsdd
PREX, Pb Target, Part 1, Miniuns BPM_4eXVsdd
Entries 35
Mean −0.001163
Std Dev 0.0001996
χ² / ndf 4.13 / 23
Constant 1.342 ± 0.344
Mean −0.00116 ± 0.00017
Sigma 0.0004332 ± 0.0003396
4
3.5
3
2.5
2
1.5
1
0.5
0
−0.0016
−0.0015
−0.0014
−0.0013
−0.0012
−0.0011
−0.001
−0.0009
−0.0008

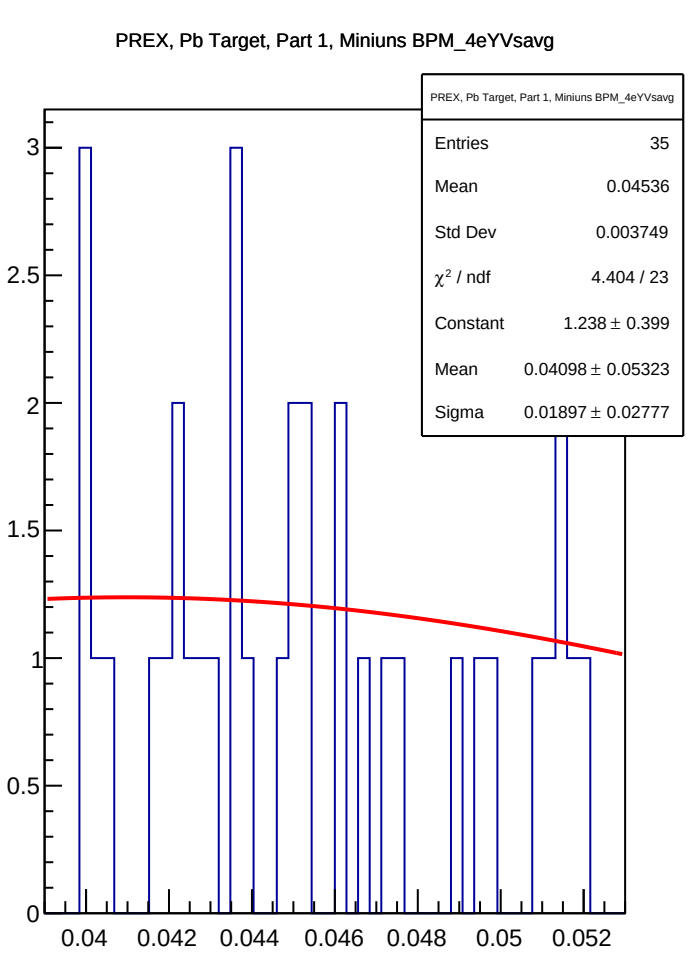

PREX, Pb Target, Part 1, Miniruns BPM_4eXVsusl
χ² / ndf 42.86 / 34
p0 0.03527 ± 0.000184
0.039
0.038
0.037
0.036
0.035
0.034
0.033
0.032
4110
4112
4114
4116
4118
4120

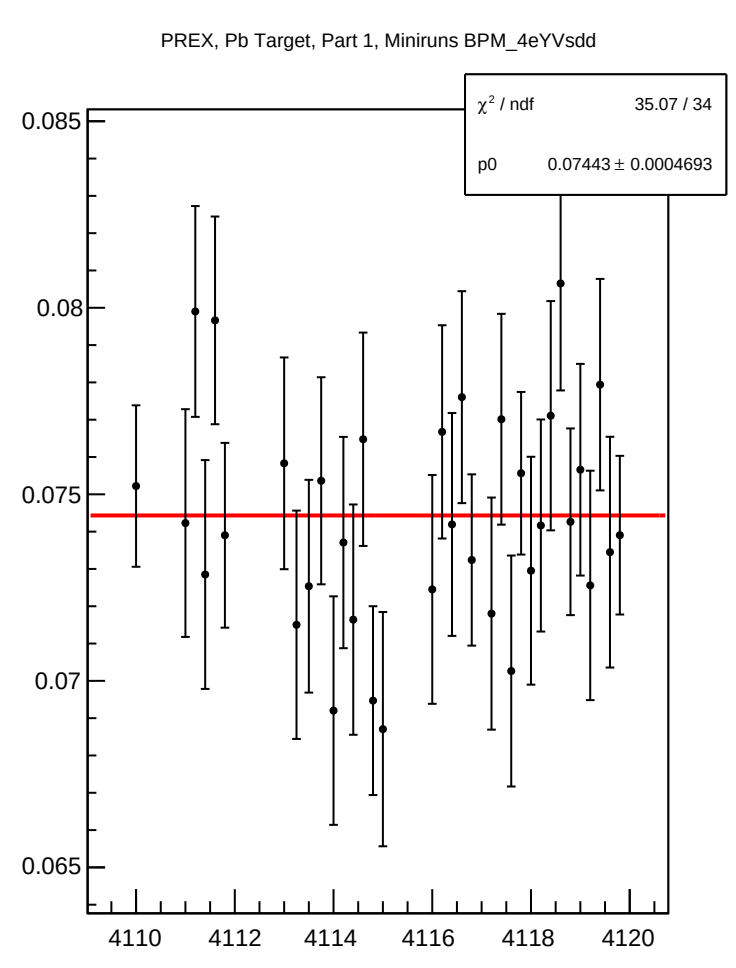

PREX, Pb Target, Part 1, Miniuns BPM_4eXVsusl
PREX, Pb Target, Part 1, Miniuns BPM_4eXVsusl
Entries 35
Mean 0.0353
Std Dev 0.001247
χ² / ndf 4.014 / 22
Constant 1.343 ± 0.325
Mean 0.03627 ± 0.00429
Sigma 0.004093 ± 0.008246
3
2.5
2
1.5
1
0.5
0
0.033
0.034
0.035
0.036
0.037
0.038

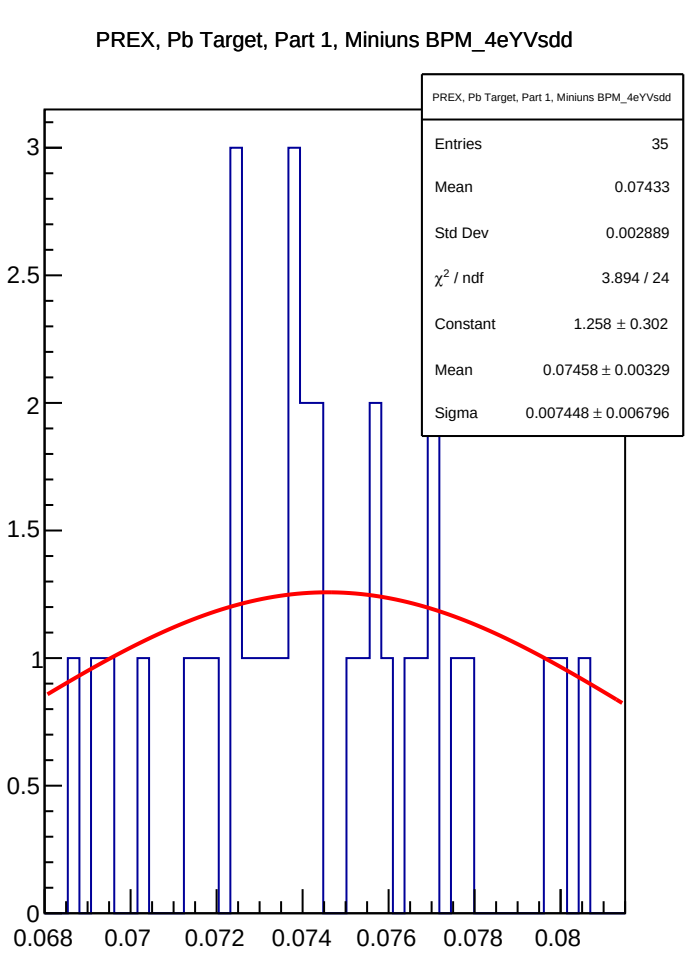

PREX, Pb Target, Part 1, Miniruns BPM_4eXVsusr
χ² / ndf 28.07 / 34
p0 −0.000847 ± 3.431e−05
0.0002
0.0004
0.0006
0.0008
−0.001
0.0012
0.0014
4110
4112
4114
4116
4118
4120

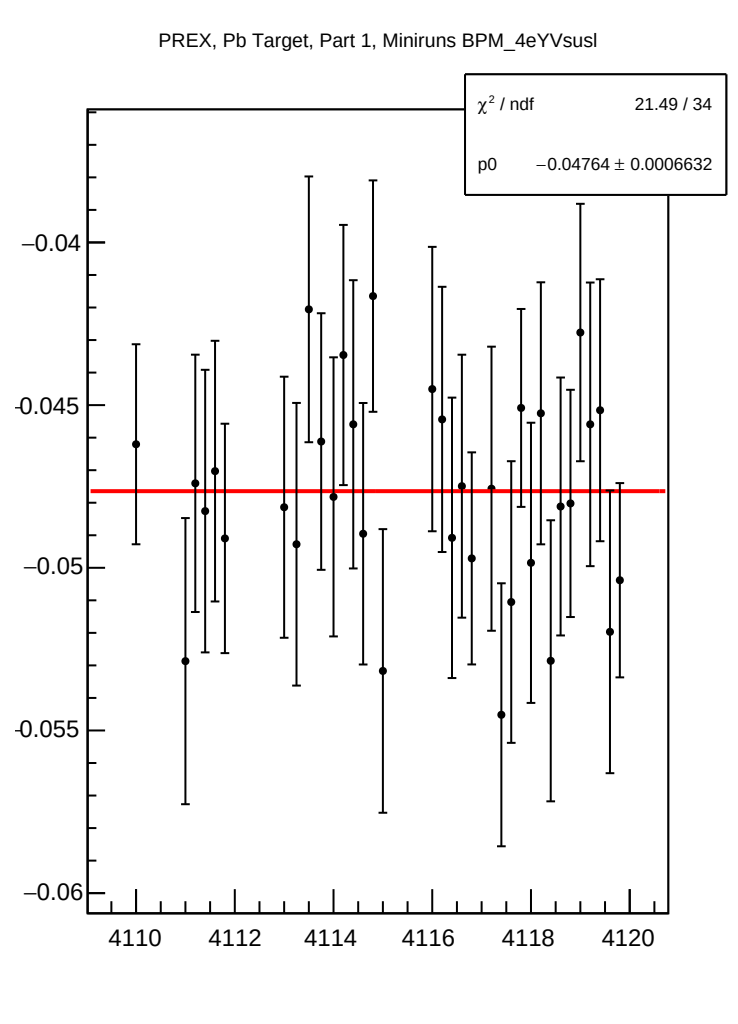

PREX, Pb Target, Part 1, Miniuns BPM_4eXVsusr
PREX, Pb Target, Part 1, Miniuns BPM_4eXVsusr
Entries 35
Mean −0.0008383
Std Dev 0.0001839
χ² / ndf 5.658 / 19
Constant 1.66 ± 0.44
Mean −0.0008117 ± 0.0001009
Sigma 0.0003218 ± 0.0001635
0
0.5
1
1.5
2
2.5
3
3.5
4
−0.0013
−0.0012
−0.0011
−0.001
−0.0009
−0.0008
−0.0007
−0.0006
−0.0005
−0.0004

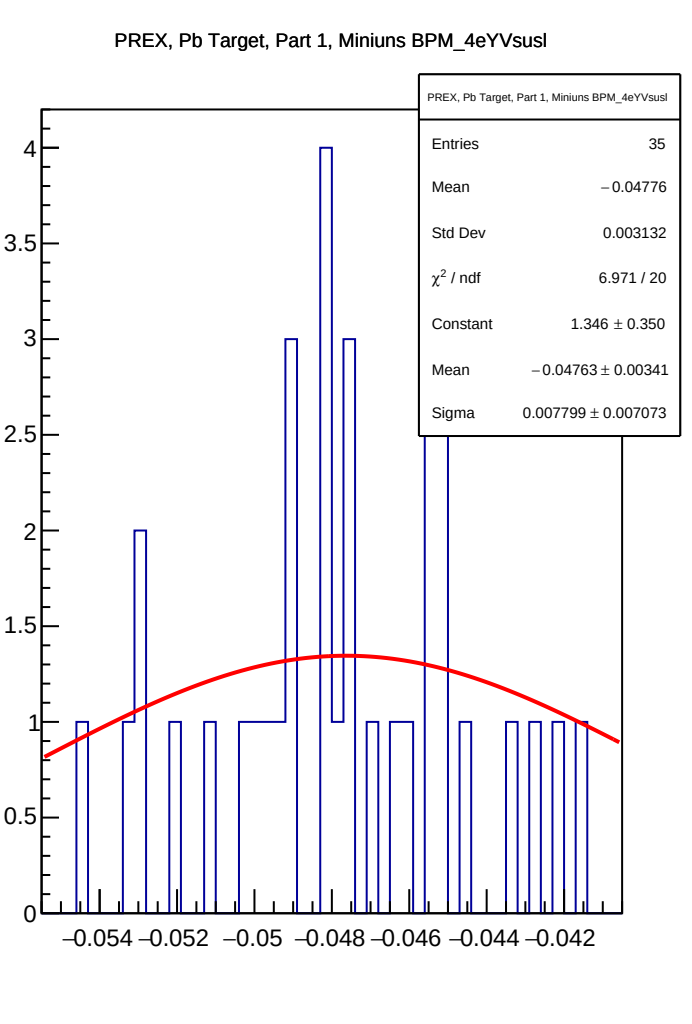

PREX, Pb Target, Part 1, Miniruns BPM_4eYVsavg
χ² / ndf 35.97 / 34
p0 0.04531 ± 0.000629
0.055
0.05
0.045
0.04
0.035
4110
4112
4114
4116
4118
4120

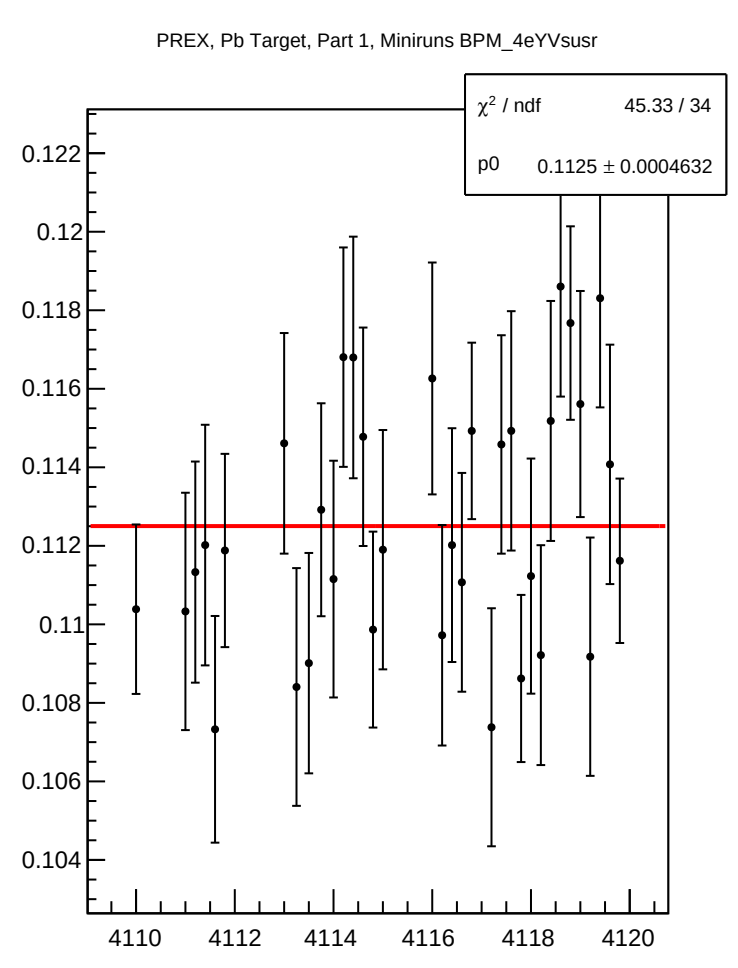

PREX, Pb Target, Part 1, Miniuns BPM_4eYVsavg
PREX, Pb Target, Part 1, Miniuns BPM_4eYVsavg
Entries 35
Mean 0.04536
Std Dev 0.003749
χ² / ndf 4.404 / 23
Constant 1.238 ± 0.399
Mean 0.04098 ± 0.05323
Sigma 0.01897 ± 0.02777
3
2.5
2
1.5
1
0.5
0
0.04
0.042
0.044
0.046
0.048
0.05
0.052

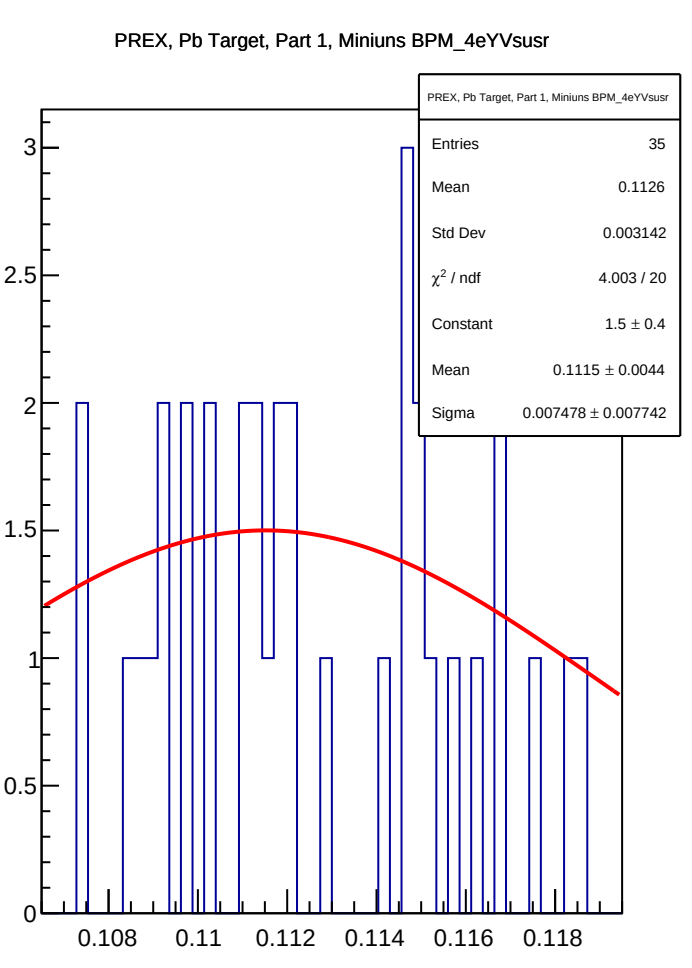

PREX, Pb Target, Part 1, Miniruns BPM_4eYVsdd
χ² / ndf 35.07 / 34
p0 0.07443 ± 0.0004693
0.085
0.08
0.075
0.07
0.065
4110
4112
4114
4116
4118
4120

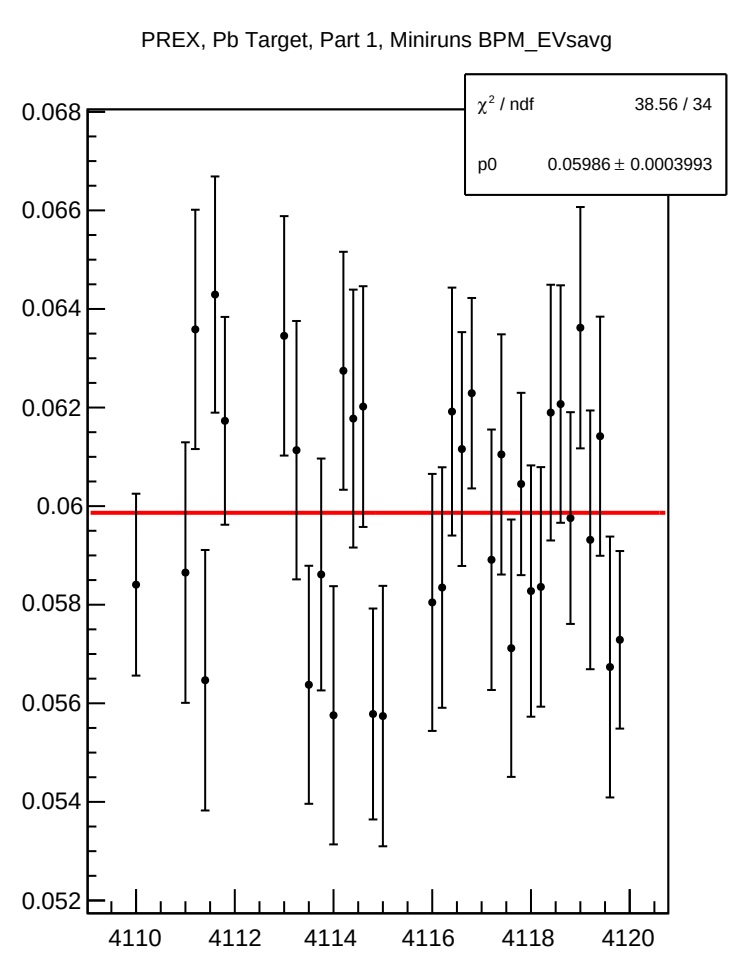

PREX, Pb Target, Part 1, Miniuns BPM_4eYVsdd
PREX, Pb Target, Part 1, Miniuns BPM_4eYVsdd
Entries 35
Mean 0.07433
Std Dev 0.002889
χ² / ndf 3.894 / 24
Constant 1.258 ± 0.302
Mean 0.07458 ± 0.00329
Sigma 0.007448 ± 0.006796
3
2.5
2
1.5
1
0.5
0
0.068
0.07
0.072
0.074
0.076
0.078
0.08

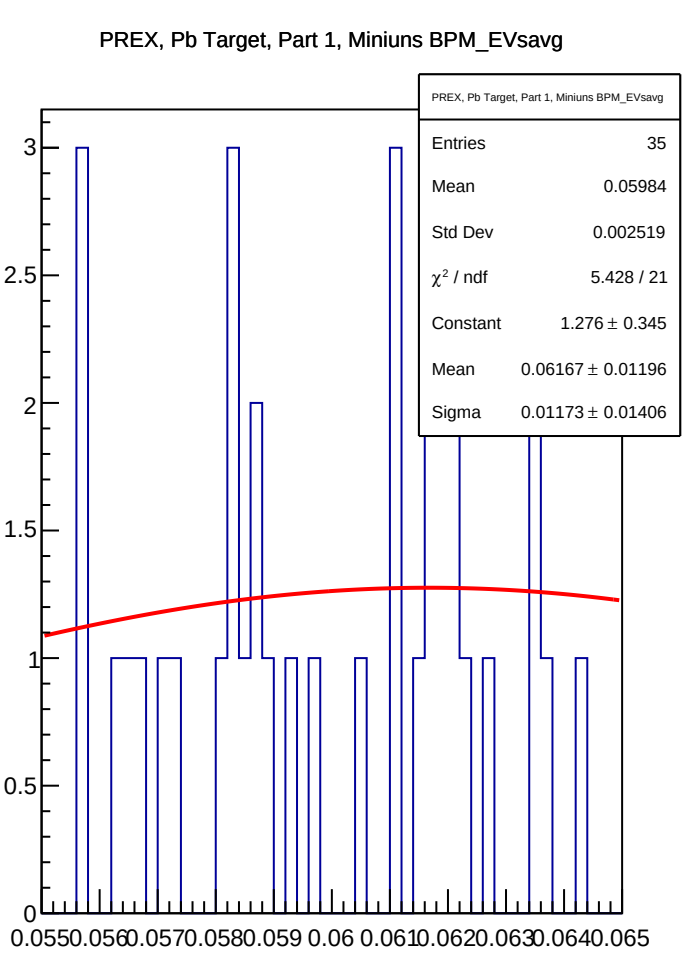

PREX, Pb Target, Part 1, Miniruns BPM_4eYVsusl
χ² / ndf 21.49 / 34
p0 −0.04764 ± 0.0006632
−0.04
−0.045
−0.05
−0.055
−0.06
4110
4112
4114
4116
4118
4120

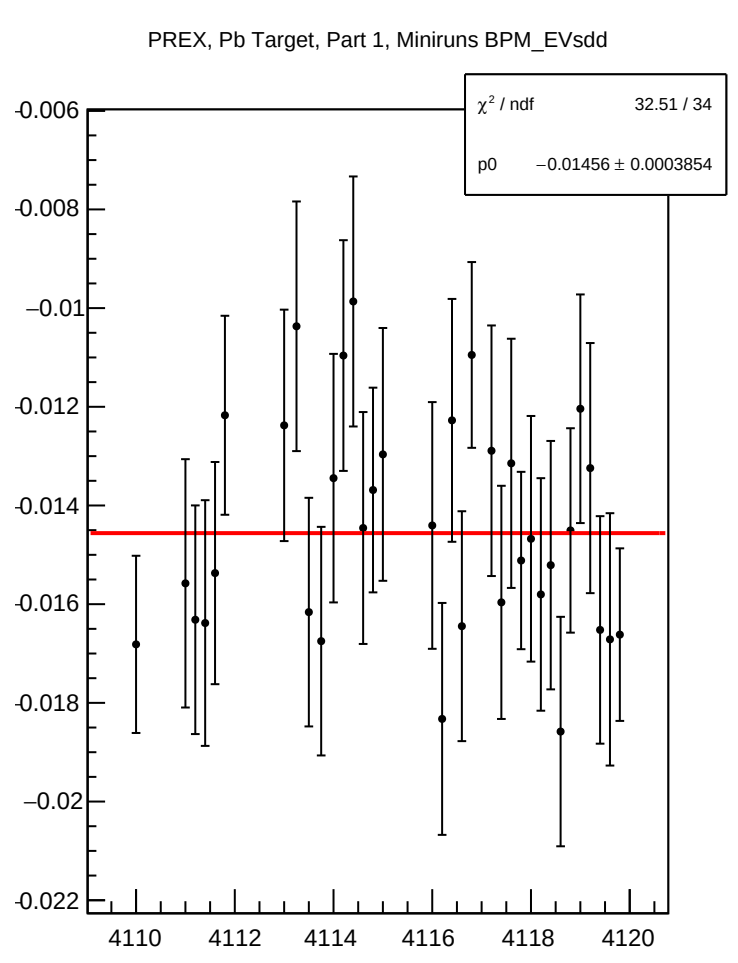

PREX, Pb Target, Part 1, Miniuns BPM_4eYVsusl
PREX, Pb Target, Part 1, Miniuns BPM_4eYVsusl
Entries 35
Mean −0.04776
Std Dev 0.003132
χ² / ndf 6.971 / 20
Constant 1.346 ± 0.350
Mean −0.04763 ± 0.00341
Sigma 0.007799 ± 0.007073
4
3.5
3
2.5
2
1.5
1
0.5
0
−0.054
−0.052
−0.05
−0.048
−0.046
−0.044
−0.042

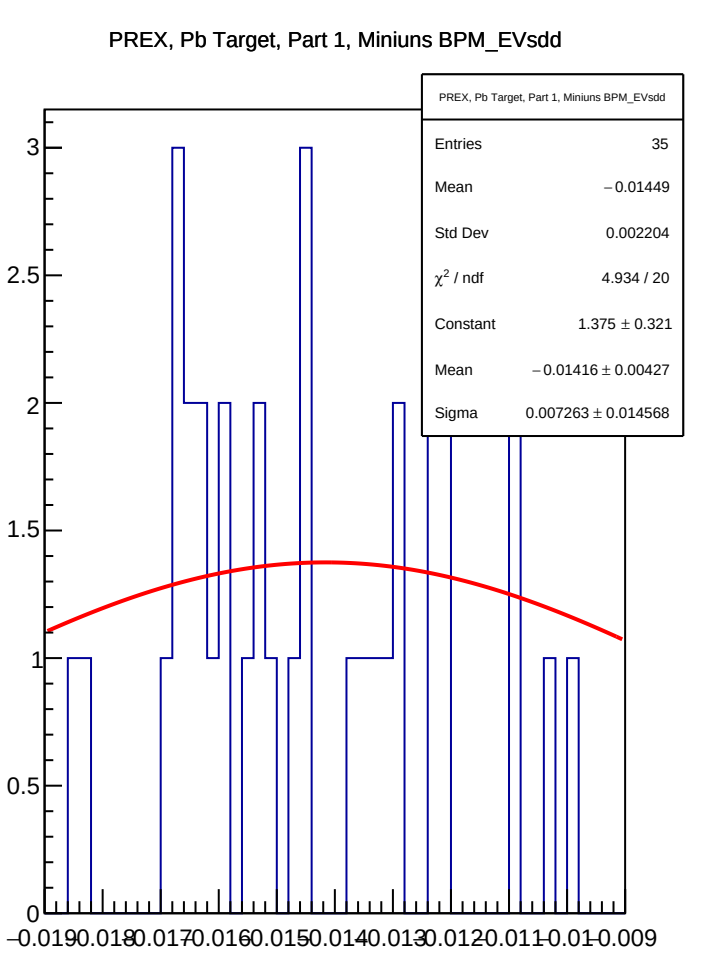

PREX, Pb Target, Part 1, Miniruns BPM_4eYVsusr
χ² / ndf 45.33 / 34
p0 0.1125 ± 0.0004632
0.122
0.12
0.118
0.116
0.114
0.112
0.11
0.108
0.106
0.104
4110
4112
4114
4116
4118
4120

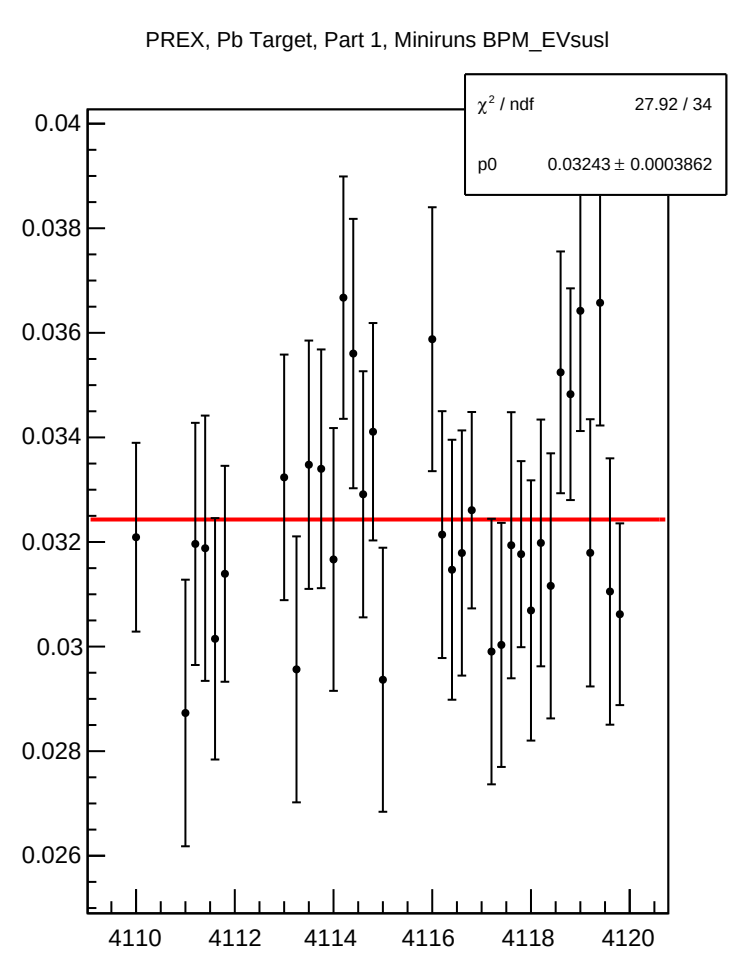

PREX, Pb Target, Part 1, Miniuns BPM_4eYVsusr
PREX, Pb Target, Part 1, Miniuns BPM_4eYVsusr
Entries 35
Mean 0.1126
Std Dev 0.003142
χ² / ndf 4.003 / 20
Constant 1.5 ± 0.4
Mean 0.1115 ± 0.0044
Sigma 0.007478 ± 0.007742
3
2.5
2
1.5
1
0.5
0
0.108
0.11
0.112
0.114
0.116
0.118

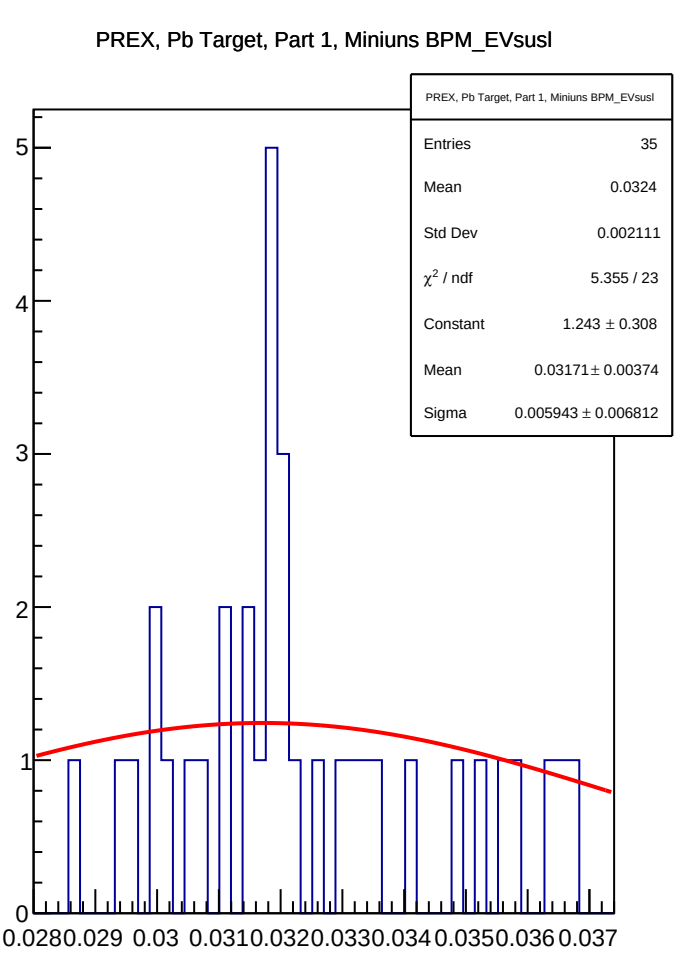

PREX, Pb Target, Part 1, Miniruns BPM_EVsavg
χ² / ndf 38.56 / 34
p0 0.05986 ± 0.0003993
0.068
0.066
0.064
0.062
0.06
0.058
0.056
0.054
0.052
4110
4112
4114
4116
4118
4120

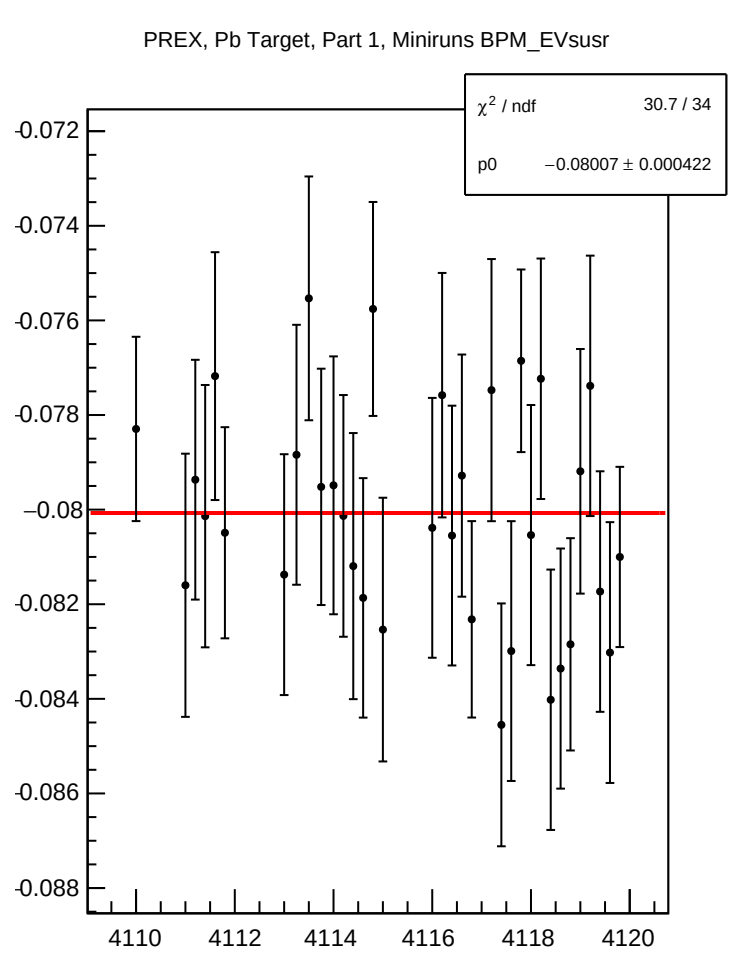

PREX, Pb Target, Part 1, Miniuns BPM_EVsavg
PREX, Pb Target, Part 1, Miniuns BPM_EVsavg
Entries 35
Mean 0.05984
Std Dev 0.002519
χ² / ndf 5.428 / 21
Constant 1.276 ± 0.345
Mean 0.06167 ± 0.01196
Sigma 0.01173 ± 0.01406
3
2.5
2
1.5
1
0.5
0
0.055
0.056
0.057
0.058
0.059
0.06
0.061
0.062
0.063
0.064
0.065

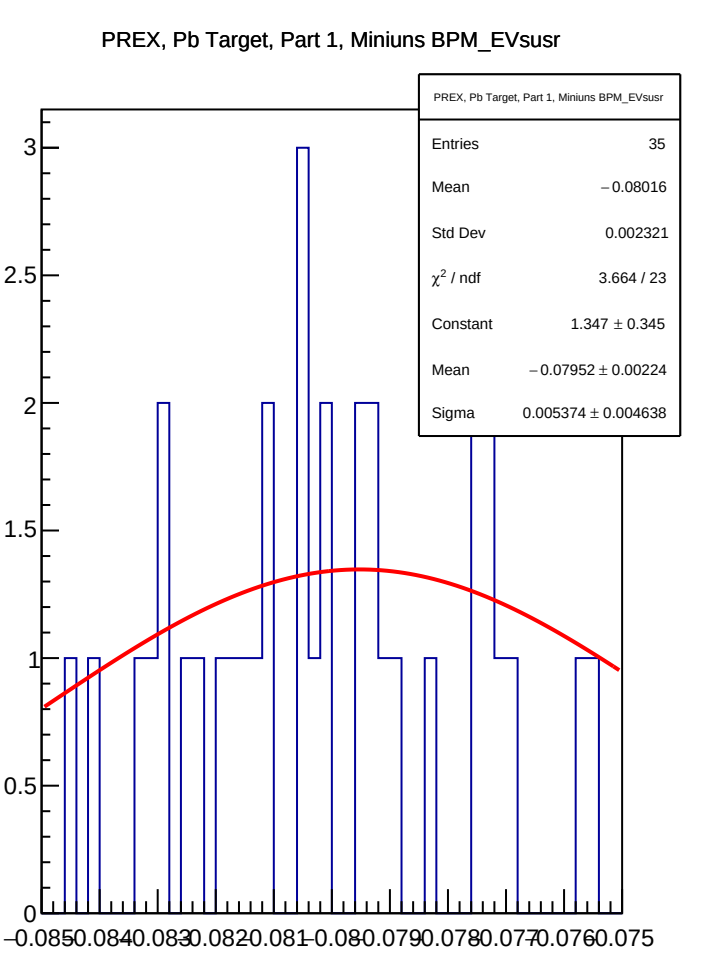

PREX, Pb Target, Part 1, Miniruns BPM_EVsdd
χ² / ndf 32.51 / 34
p0 −0.01456 ± 0.0003854
-0.006
-0.008
−0.01
-0.012
-0.014
-0.016
-0.018
−0.02
-0.022
4110
4112
4114
4116
4118
4120

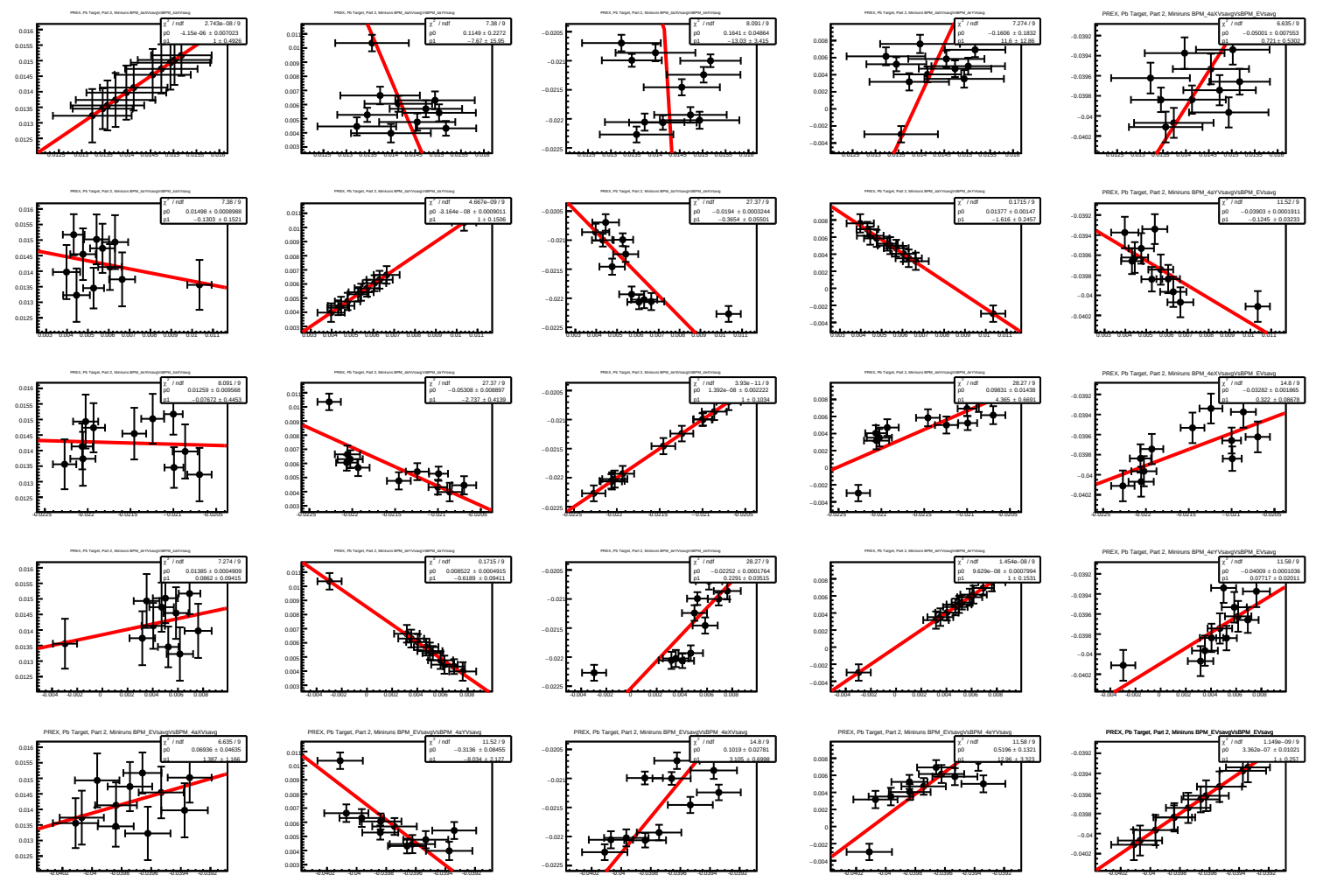

PREX, Pb Target, Part 1, Miniuns BPM_EVsdd
PREX, Pb Target, Part 1, Miniuns BPM_EVsdd
Entries 35
Mean −0.01449
Std Dev 0.002204
χ² / ndf 4.934 / 20
Constant 1.375 ± 0.321
Mean −0.01416 ± 0.00427
Sigma 0.007263 ± 0.014568
3
2.5
2
1.5
1
0.5
0
−0.019
−0.018
−0.017
−0.016
−0.015
−0.014
−0.013
−0.012
−0.011
−0.01
−0.009

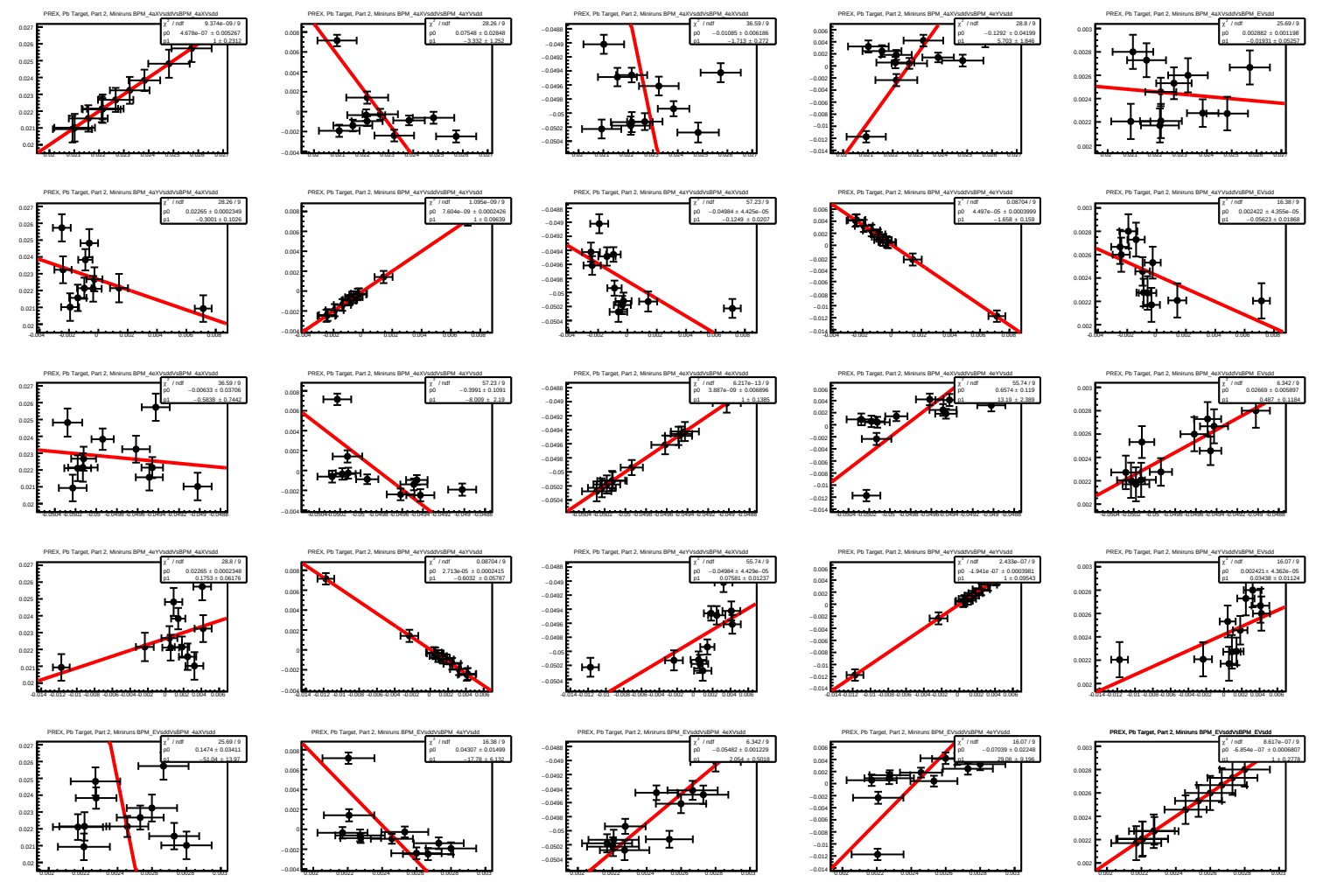

PREX, Pb Target, Part 1, Miniruns BPM_EVsusl
χ² / ndf 27.92 / 34
p0 0.03243 ± 0.0003862
0.04
0.038
0.036
0.034
0.032
0.03
0.028
0.026
4110
4112
4114
4116
4118
4120

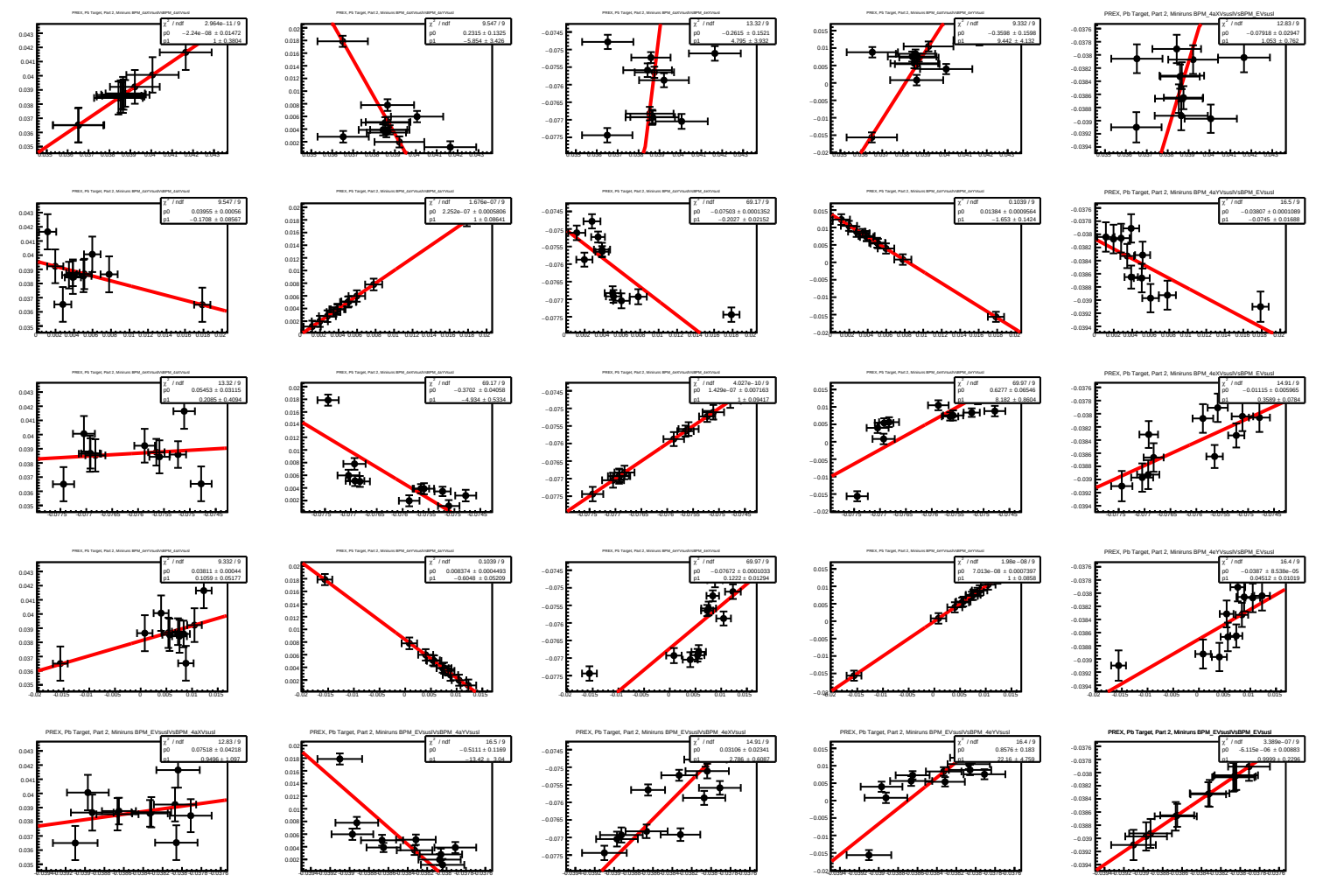

PREX, Pb Target, Part 1, Miniuns BPM_EVsusl
PREX, Pb Target, Part 1, Miniuns BPM_EVsusl
Entries 35
Mean 0.0324
Std Dev 0.002111
χ² / ndf 5.355 / 23
Constant 1.243 ± 0.308
Mean 0.03171 ± 0.00374
Sigma 0.005943 ± 0.006812
5
4
3
2
1
0
0.028
0.029
0.03
0.031
0.032
0.033
0.034
0.035
0.036
0.037

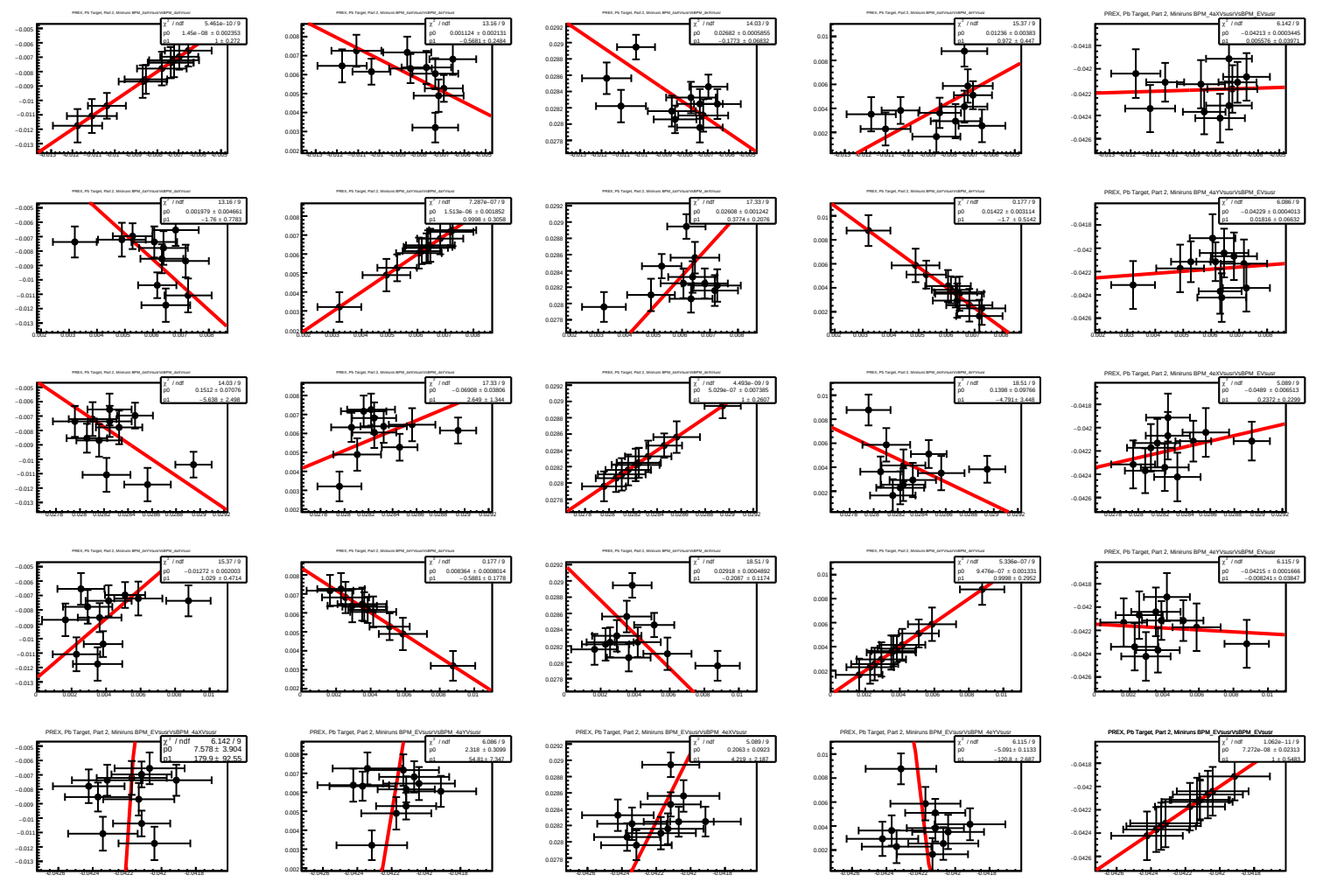

PREX, Pb Target, Part 1, Miniruns BPM_EVsusr
χ² / ndf 30.7 / 34
p0 −0.08007 ± 0.000422
-0.072
-0.074
-0.076
-0.078
−0.08
-0.082
-0.084
-0.086
-0.088
4110
4112
4114
4116
4118
4120

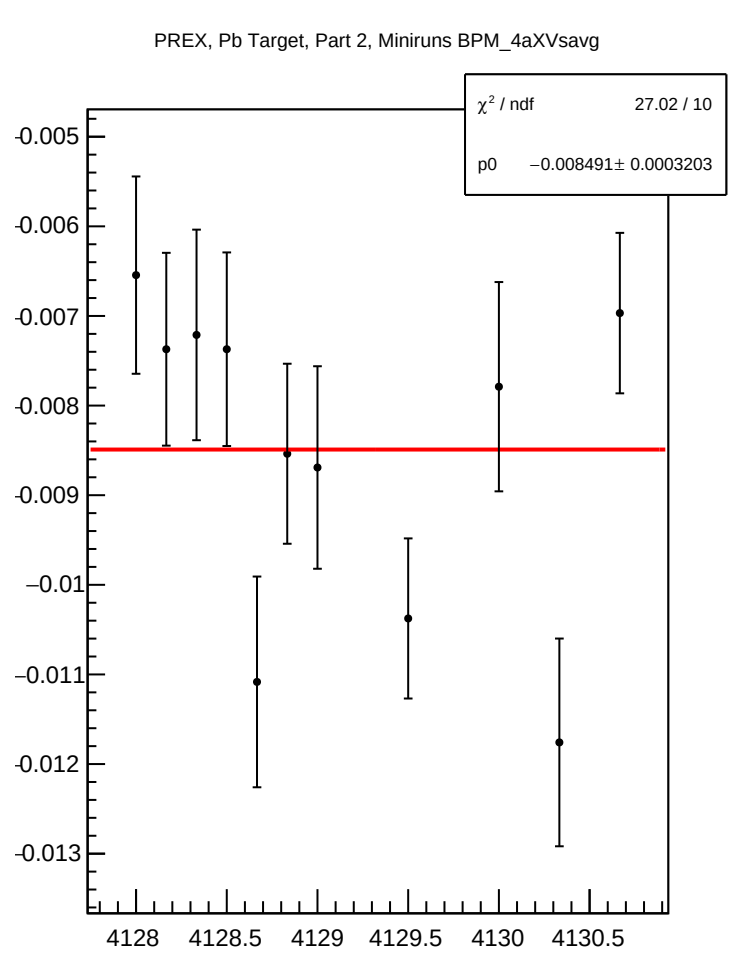

PREX, Pb Target, Part 1, Miniuns BPM_EVsusr
PREX, Pb Target, Part 1, Miniuns BPM_EVsusr
Entries 35
Mean −0.08016
Std Dev 0.002321
χ² / ndf 3.664 / 23
Constant 1.347 ± 0.345
Mean −0.07952 ± 0.00224
Sigma 0.005374 ± 0.004638
3
2.5
2
1.5
1
0.5
0
−0.085
−0.084
−0.083
−0.082
−0.081
−0.08
−0.079
−0.078
−0.077
−0.076
−0.075

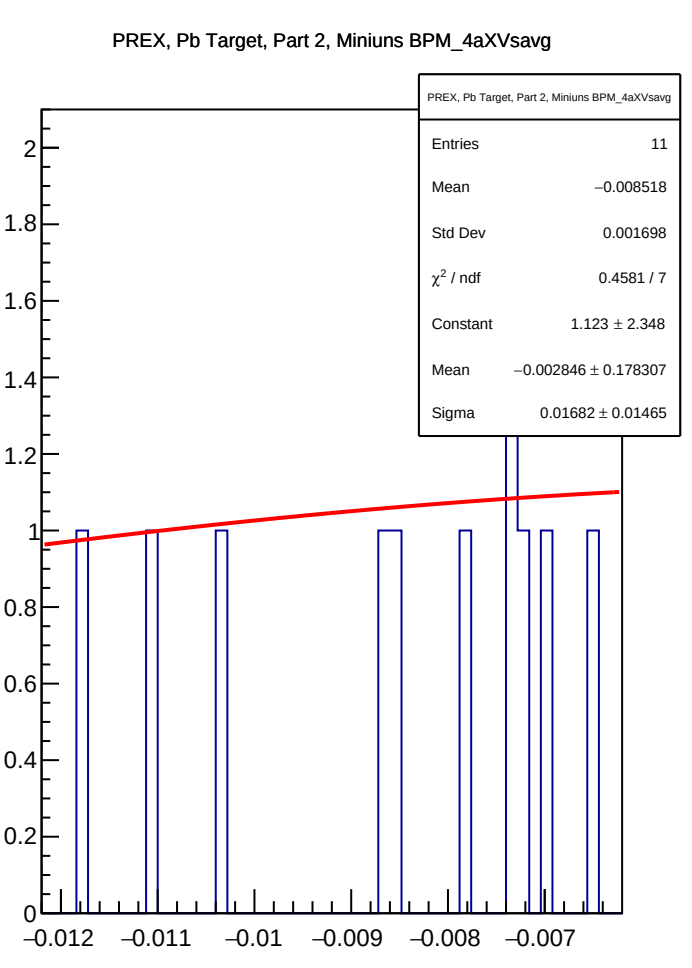


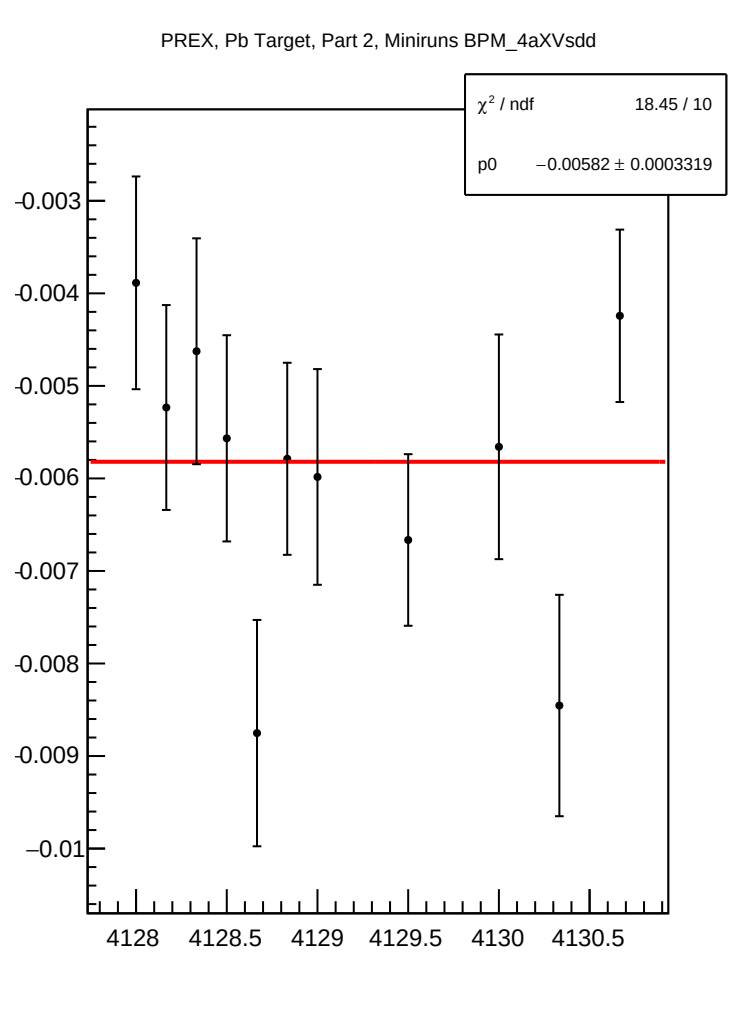

PREX, Pb Target, Part 2, Miniruns BPM_4aXVsddVsBPM_4aXVsdd
χ² / ndf 9.374e−09 / 9
p0 4.678e−07 ± 0.005267
p1 1 ± 0.2312
PREX, Pb Target, Part 2, Miniruns BPM_4aXVsddVsBPM_4aYVsdd
χ² / ndf 28.26 / 9
p0 0.07548 ± 0.02848
p1 −3.332 ± 1.252
PREX, Pb Target, Part 2, Miniruns BPM_4aXVsddVsBPM_4eXVsdd
χ² / ndf 36.59 / 9
p0 −0.01085 ± 0.006186
p1 −1.713 ± 0.272
PREX, Pb Target, Part 2, Miniruns BPM_4aXVsddVsBPM_4eYVsdd
χ² / ndf 28.8 / 9
p0 −0.1292 ± 0.04199
p1 5.703 ± 1.846
PREX, Pb Target, Part 2, Miniruns BPM_4aXVsddVsBPM_EVsdd
χ² / ndf 25.69 / 9
p0 0.002882 ± 0.001198
p1 −0.01931 ± 0.05257
PREX, Pb Target, Part 2, Miniruns BPM_4aYVsddVsBPM_4aXVsdd
χ² / ndf 28.26 / 9
p0 0.02265 ± 0.0002349
p1 −0.3001 ± 0.1026
PREX, Pb Target, Part 2, Miniruns BPM_4aYVsddVsBPM_4aYVsdd
χ² / ndf 1.095e−09 / 9
p0 7.604e−09 ± 0.0002426
p1 1 ± 0.09639
PREX, Pb Target, Part 2, Miniruns BPM_4aYVsddVsBPM_4eXVsdd
χ² / ndf 57.23 / 9
p0 −0.04984 ± 4.425e−05
p1 −0.1249 ± 0.0207
PREX, Pb Target, Part 2, Miniruns BPM_4aYVsddVsBPM_4eYVsdd
χ² / ndf 0.08704 / 9
p0 4.497e−05 ± 0.0003999
p1 −1.658 ± 0.159
PREX, Pb Target, Part 2, Miniruns BPM_4aYVsddVsBPM_EVsdd
χ² / ndf 16.38 / 9
p0 0.002422 ± 4.355e−05
p1 −0.05623 ± 0.01868
PREX, Pb Target, Part 2, Miniruns BPM_4eXVsddVsBPM_4aXVsdd
χ² / ndf 36.59 / 9
p0 −0.00633 ± 0.03706
p1 −0.5838 ± 0.7442
PREX, Pb Target, Part 2, Miniruns BPM_4eXVsddVsBPM_4aYVsdd
χ² / ndf 57.23 / 9
p0 −0.3991 ± 0.1091
p1 −8.009 ± 2.19
PREX, Pb Target, Part 2, Miniruns BPM_4eXVsddVsBPM_4eXVsdd
χ² / ndf 6.217e−13 / 9
p0 3.887e−09 ± 0.006896
p1 1 ± 0.1385
PREX, Pb Target, Part 2, Miniruns BPM_4eXVsddVsBPM_4eYVsdd
χ² / ndf 55.74 / 9
p0 0.6574 ± 0.119
p1 13.19 ± 2.389
PREX, Pb Target, Part 2, Miniruns BPM_4eXVsddVsBPM_EVsdd
χ² / ndf 6.342 / 9
p0 0.02669 ± 0.005897
p1 0.487 ± 0.1184
PREX, Pb Target, Part 2, Miniruns BPM_4eYVsddVsBPM_4aXVsdd
χ² / ndf 28.8 / 9
p0 0.02265 ± 0.0002348
p1 0.1753 ± 0.06176
PREX, Pb Target, Part 2, Miniruns BPM_4eYVsddVsBPM_4aYVsdd
χ² / ndf 0.08704 / 9
p0 2.713e−05 ± 0.0002415
p1 −0.6032 ± 0.05787
PREX, Pb Target, Part 2, Miniruns BPM_4eYVsddVsBPM_4eXVsdd
χ² / ndf 55.74 / 9
p0 −0.04984 ± 4.429e−05
p1 0.07581 ± 0.01237
PREX, Pb Target, Part 2, Miniruns BPM_4eYVsddVsBPM_4eYVsdd
χ² / ndf 2.433e−07 / 9
p0 −1.941e−07 ± 0.0003981
p1 1 ± 0.00543
PREX, Pb Target, Part 2, Miniruns BPM_4eYVsddVsBPM_EVsdd
χ² / ndf 16.07 / 9
p0 0.002421 ± 4.362e−05
p1 0.03438 ± 0.01124
PREX, Pb Target, Part 2, Miniruns BPM_EVsddVsBPM_4aXVsdd
χ² / ndf 25.69 / 9
p0 0.1474 ± 0.03411
p1 −51.04 ± 13.97
PREX, Pb Target, Part 2, Miniruns BPM_EVsddVsBPM_4aYVsdd
χ² / ndf 16.38 / 9
p0 0.04307 ± 0.01499
p1 −17.78 ± 4.193
PREX, Pb Target, Part 2, Miniruns BPM_EVsddVsBPM_4eXVsdd
χ² / ndf 6.342 / 9
p0 −0.05482 ± 0.001229
p1 2.454 ± 0.5018
PREX, Pb Target, Part 2, Miniruns BPM_EVsddVsBPM_4eYVsdd
χ² / ndf 16.07 / 9
p0 −0.07039 ± 0.02248
p1 29.08 ± 9.196
PREX, Pb Target, Part 2, Miniruns BPM_EVsddVsBPM_EVsdd
χ² / ndf 8.617e−07 / 9
p0 −5.854e−07 ± 0.0006807
p1 1 ± 0.2728

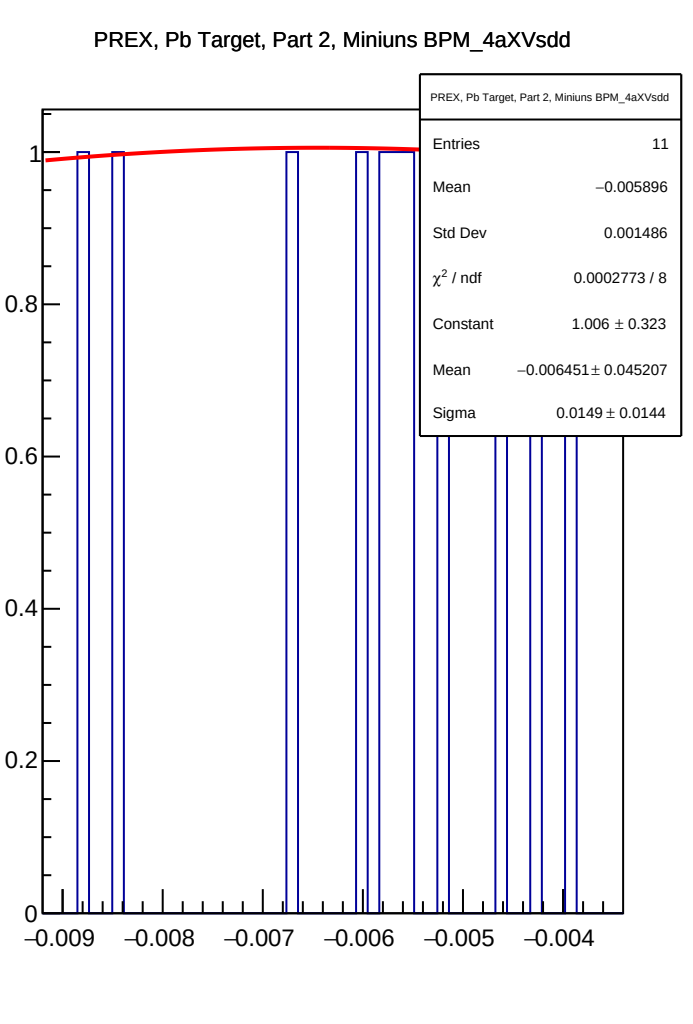

PREX, Pb Target, Part 2, Miniruns BPM_4aXVsusIVsBPM_EVsusI
χ² / ndf 2.964e−11 / 9
p0 −2.24e−08 ± 0.01472
p1 1 ± 0.3804
χ² / ndf 9.547 / 9
p0 0.2315 ± 0.1325
p1 −5.854 ± 3.426
χ² / ndf 13.32 / 9
p0 −0.2615 ± 0.1521
p1 4.795 ± 3.932
χ² / ndf 9.332 / 9
p0 −0.3598 ± 0.1598
p1 9.442 ± 4.132
χ² / ndf 12.83 / 9
p0 −0.07918 ± 0.02947
p1 1.053 ± 0.762
χ² / ndf 9.547 / 9
p0 0.03955 ± 0.00056
p1 −0.1708 ± 0.08567
χ² / ndf 1.676e−07 / 9
p0 2.252e−07 ± 0.0005806
p1 1 ± 0.08641
χ² / ndf 69.17 / 9
p0 −0.07503 ± 0.0001352
p1 −0.2027 ± 0.02152
χ² / ndf 0.1039 / 9
p0 0.01384 ± 0.0009564
p1 −1.653 ± 0.1424
χ² / ndf 16.5 / 9
p0 −0.03807 ± 0.0001089
p1 −0.0745 ± 0.01688
χ² / ndf 13.32 / 9
p0 0.05453 ± 0.03115
p1 0.2085 ± 0.4094
χ² / ndf 69.17 / 9
p0 −0.3702 ± 0.04058
p1 −4.934 ± 0.5334
χ² / ndf 4.027e−10 / 9
p0 1.429e−07 ± 0.007163
p1 1 ± 0.09417
χ² / ndf 69.97 / 9
p0 0.6277 ± 0.06546
p1 8.182 ± 0.8604
χ² / ndf 14.91 / 9
p0 −0.01115 ± 0.005965
p1 0.3589 ± 0.0784
χ² / ndf 9.332 / 9
p0 0.03811 ± 0.00044
p1 0.1059 ± 0.05177
χ² / ndf 0.1039 / 9
p0 0.008374 ± 0.0004493
p1 −0.6048 ± 0.05209
χ² / ndf 69.97 / 9
p0 −0.07672 ± 0.0001033
p1 0.1222 ± 0.01294
χ² / ndf 1.98e−08 / 9
p0 7.013e−08 ± 0.0007397
p1 1 ± 0.0858
χ² / ndf 16.4 / 9
p0 −0.0387 ± 8.538e−05
p1 0.04512 ± 0.01019
χ² / ndf 12.83 / 9
p0 0.07518 ± 0.04218
p1 0.9496 ± 1.097
χ² / ndf 16.5 / 9
p0 −0.5111 ± 0.1169
p1 −13.42 ± 3.04
χ² / ndf 14.91 / 9
p0 0.03106 ± 0.02341
p1 2.786 ± 0.6087
χ² / ndf 16.4 / 9
p0 0.8576 ± 0.183
p1 22.16 ± 4.759
χ² / ndf 3.389e−07 / 9
p0 −5.115e−06 ± 0.00883
p1 0.9999 ± 0.2296

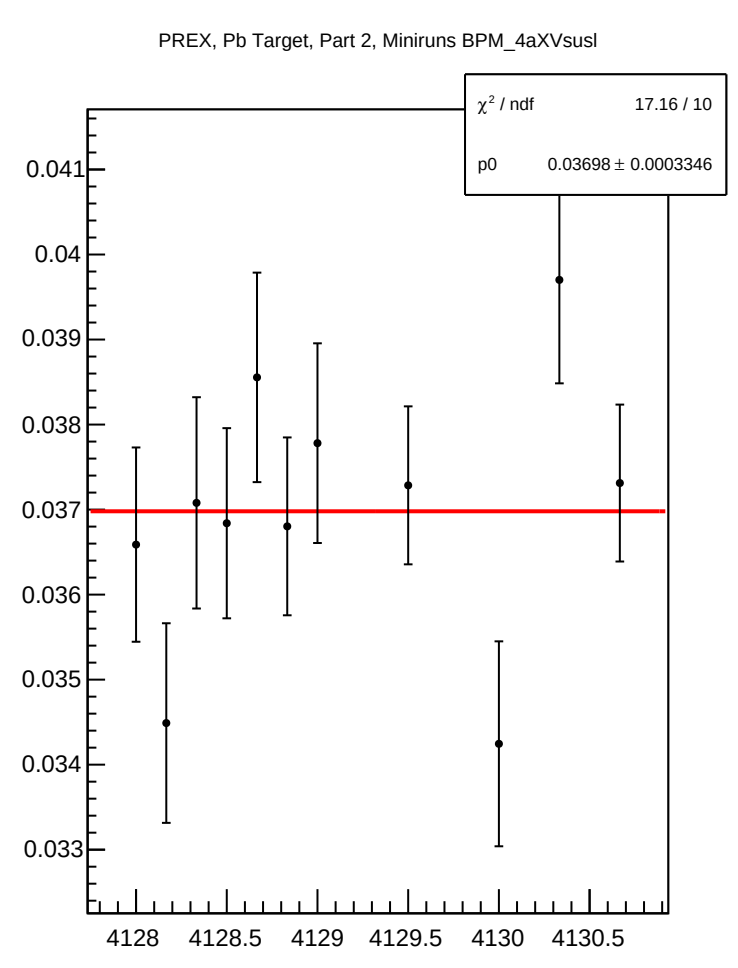

PREX, Pb Target, Part 2, Miniruns BPM_4aXVsusrVsBPM_EVsusr
χ² / ndf 5.461e−10 / 9
p0 1.45e−08 ± 0.002353
p1 1 ± 0.272
χ² / ndf 13.16 / 9
p0 0.001124 ± 0.002131
p1 −0.5681 ± 0.2484
χ² / ndf 14.03 / 9
p0 0.02682 ± 0.0005855
p1 −0.1773 ± 0.06832
χ² / ndf 15.37 / 9
p0 0.01236 ± 0.00383
p1 0.972 ± 0.447
χ² / ndf 6.142 / 9
p0 −0.04213 ± 0.0003445
p1 0.005576 ± 0.03971
χ² / ndf 13.16 / 9
p0 0.001979 ± 0.004661
p1 −1.76 ± 0.7783
χ² / ndf 7.287e−07 / 9
p0 1.513e−06 ± 0.001852
p1 0.9998 ± 0.3058
χ² / ndf 17.33 / 9
p0 0.02608 ± 0.001242
p1 0.3774 ± 0.2076
χ² / ndf 0.177 / 9
p0 0.01422 ± 0.003114
p1 −1.7 ± 0.5142
χ² / ndf 6.086 / 9
p0 −0.04229 ± 0.0004013
p1 0.01816 ± 0.06632
χ² / ndf 14.03 / 9
p0 0.1512 ± 0.07076
p1 −5.638 ± 2.498
χ² / ndf 17.33 / 9
p0 −0.06908 ± 0.03806
p1 2.649 ± 1.344
χ² / ndf 4.493e−09 / 9
p0 5.029e−07 ± 0.007385
p1 1 ± 0.2607
χ² / ndf 18.51 / 9
p0 0.1398 ± 0.09766
p1 −4.791 ± 3.448
χ² / ndf 5.089 / 9
p0 −0.0489 ± 0.006513
p1 0.2372 ± 0.2299
χ² / ndf 15.37 / 9
p0 −0.01272 ± 0.002003
p1 1.029 ± 0.4714
χ² / ndf 0.177 / 9
p0 0.008364 ± 0.0008014
p1 −0.5881 ± 0.1778
χ² / ndf 18.51 / 9
p0 0.02918 ± 0.0004892
p1 −0.2087 ± 0.1174
χ² / ndf 5.336e−07 / 9
p0 9.476e−07 ± 0.001331
p1 0.9998 ± 0.2952
χ² / ndf 6.115 / 9
p0 −0.04215 ± 0.0001666
p1 −0.008241 ± 0.03847
χ² / ndf 6.142 / 9
p0 7.578 ± 3.904
p1 179.9 ± 92.55
χ² / ndf 6.086 / 9
p0 2.318 ± 0.3099
p1 54.81 ± 7.347
χ² / ndf 5.089 / 9
p0 0.2063 ± 0.0923
p1 4.219 ± 2.187
χ² / ndf 6.115 / 9
p0 −5.091 ± 0.1133
p1 −120.8 ± 2.687
χ² / ndf 1.062e−11 / 9
p0 7.272e−08 ± 0.02313
p1 1 ± 0.5483

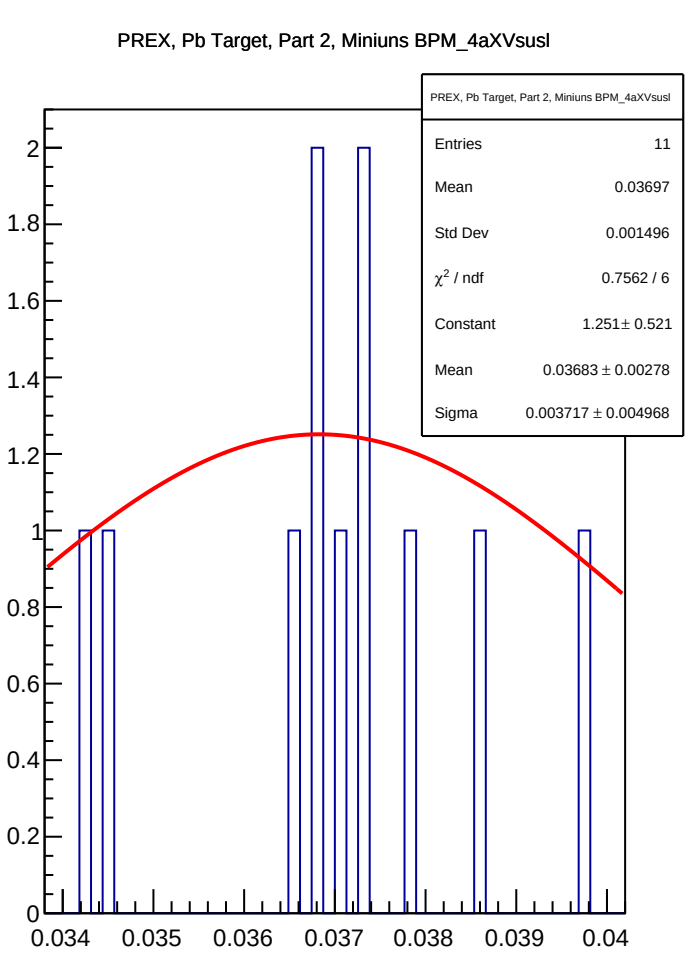

PREX, Pb Target, Part 2, Miniruns BPM_4aXVsavg
χ² / ndf 27.02 / 10
p0 −0.008491± 0.0003203
-0.005
-0.006
-0.007
-0.008
-0.009
−0.01
−0.011
-0.012
-0.013
4128
4128.5
4129
4129.5
4130
4130.5

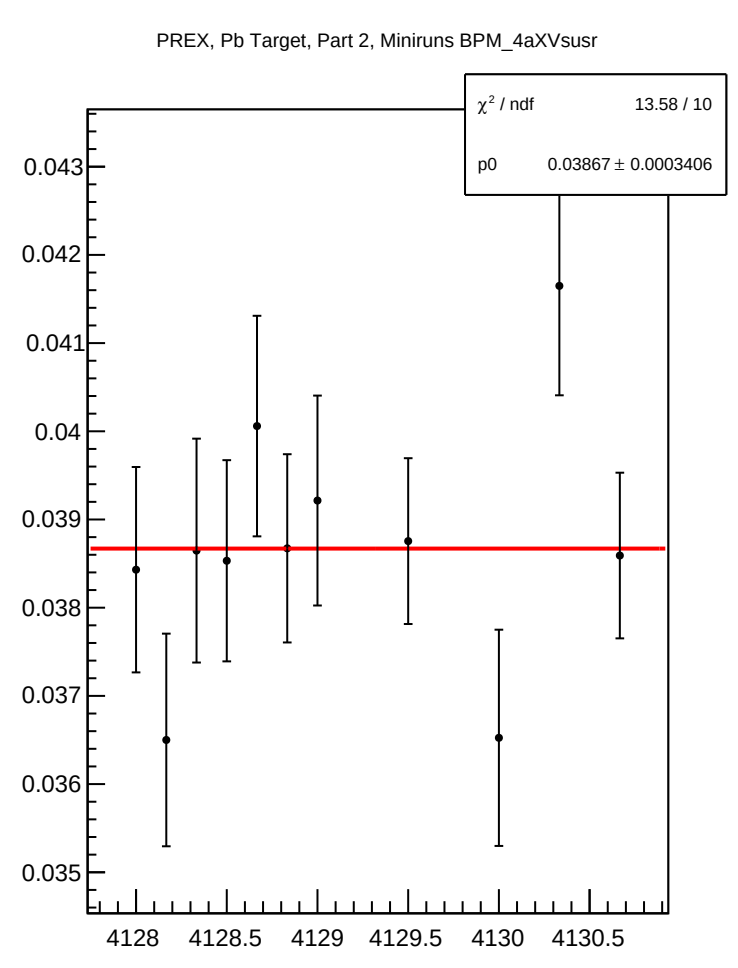

PREX, Pb Target, Part 2, Miniuns BPM_4aXVsavg
PREX, Pb Target, Part 2, Miniuns BPM_4aXVsavg
Entries 11
Mean −0.008518
Std Dev 0.001698
χ² / ndf 0.4581 / 7
Constant 1.123 ± 2.348
Mean −0.002846 ± 0.178307
Sigma 0.01682 ± 0.01465
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.012
−0.011
−0.01
−0.009
−0.008
−0.007

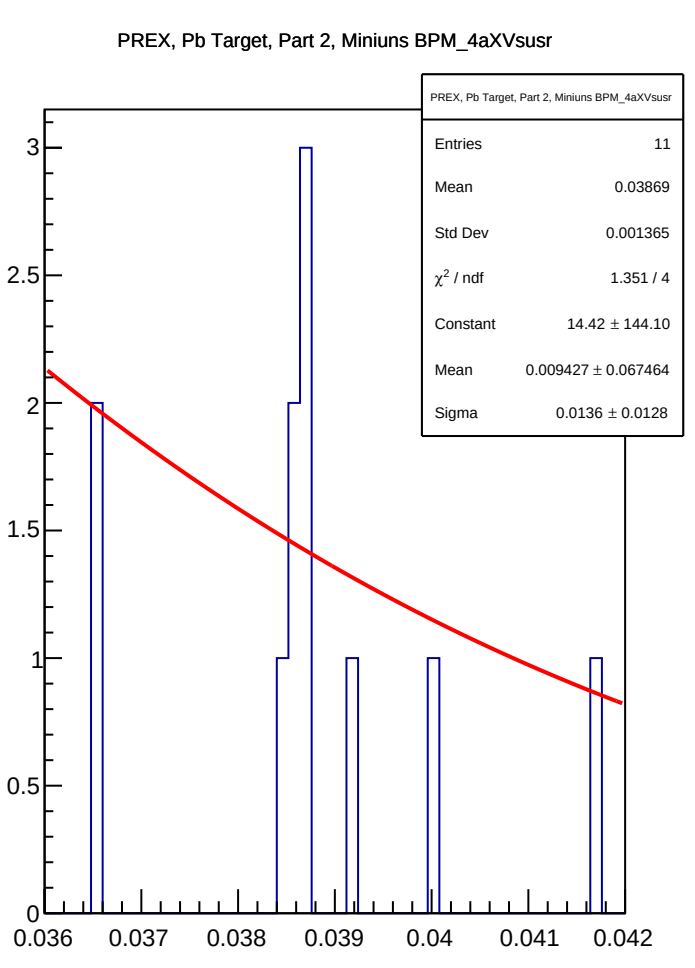

PREX, Pb Target, Part 2, Miniruns BPM_4aXVsdd
χ² / ndf 18.45 / 10
p0 −0.00582 ± 0.0003319
-0.003
-0.004
-0.005
-0.006
-0.007
-0.008
-0.009
−0.01
4128
4128.5
4129
4129.5
4130
4130.5

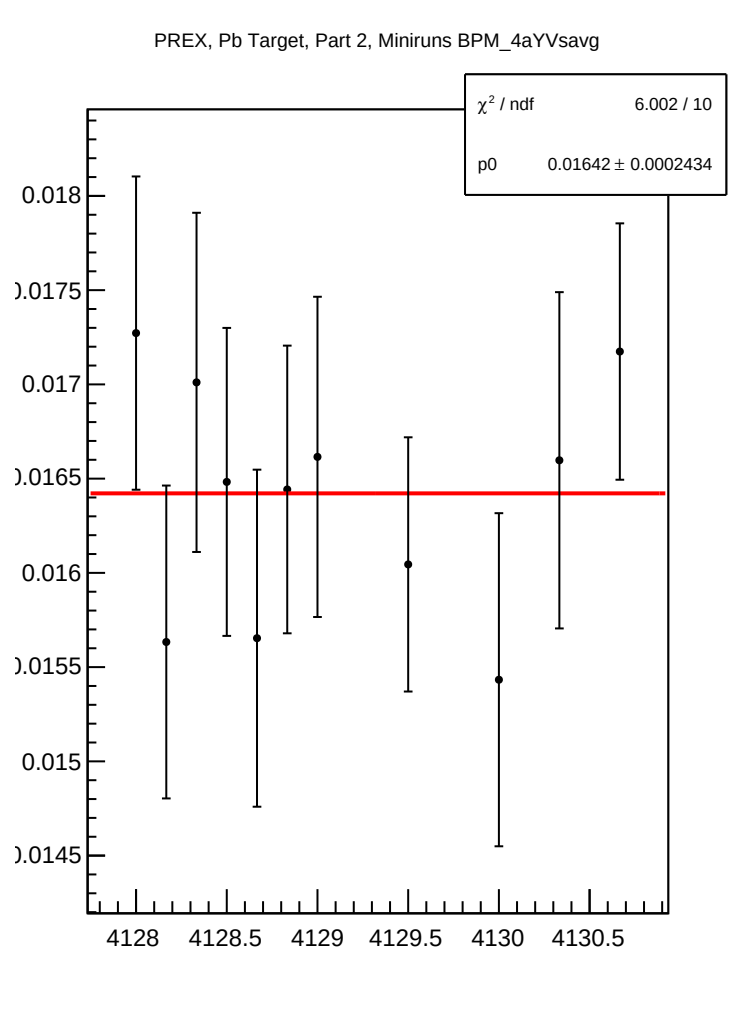

PREX, Pb Target, Part 2, Miniuns BPM_4aXVsdd
PREX, Pb Target, Part 2, Miniuns BPM_4aXVsdd
Entries 11
Mean −0.005896
Std Dev 0.001486
χ² / ndf 0.0002773 / 8
Constant 1.006 ± 0.323
Mean −0.006451 ± 0.045207
Sigma 0.0149 ± 0.0144
1
0.8
0.6
0.4
0.2
0
−0.009
−0.008
−0.007
−0.006
−0.005
−0.004

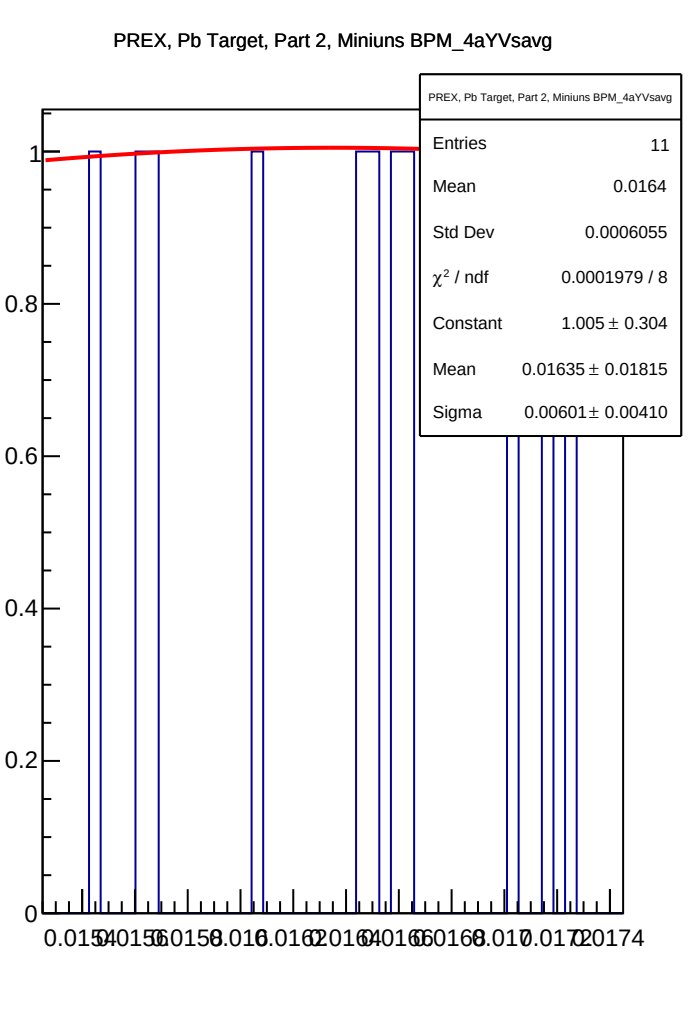

PREX, Pb Target, Part 2, Miniruns BPM_4aXVsusl
χ² / ndf 17.16 / 10
p0 0.03698 ± 0.0003346
0.041
0.04
0.039
0.038
0.037
0.036
0.035
0.034
0.033
4128
4128.5
4129
4129.5
4130
4130.5

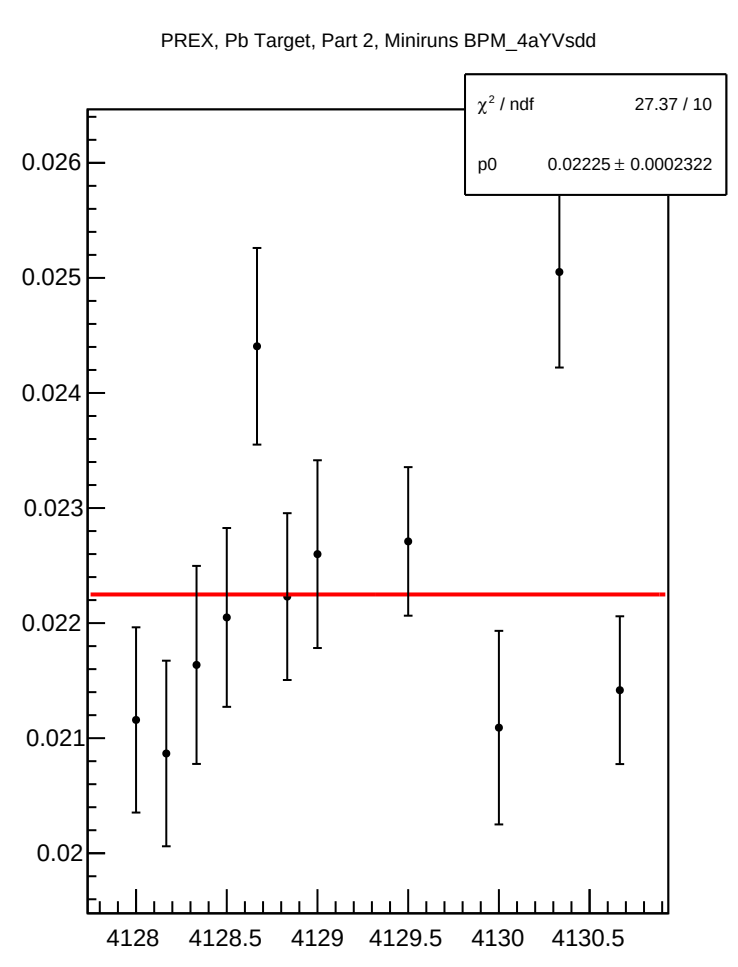

PREX, Pb Target, Part 2, Miniuns BPM_4aXVsusl
PREX, Pb Target, Part 2, Miniuns BPM_4aXVsusl
Entries 11
Mean 0.03697
Std Dev 0.001496
χ² / ndf 0.7562 / 6
Constant 1.251± 0.521
Mean 0.03683 ± 0.00278
Sigma 0.003717 ± 0.004968
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.034
0.035
0.036
0.037
0.038
0.039
0.04

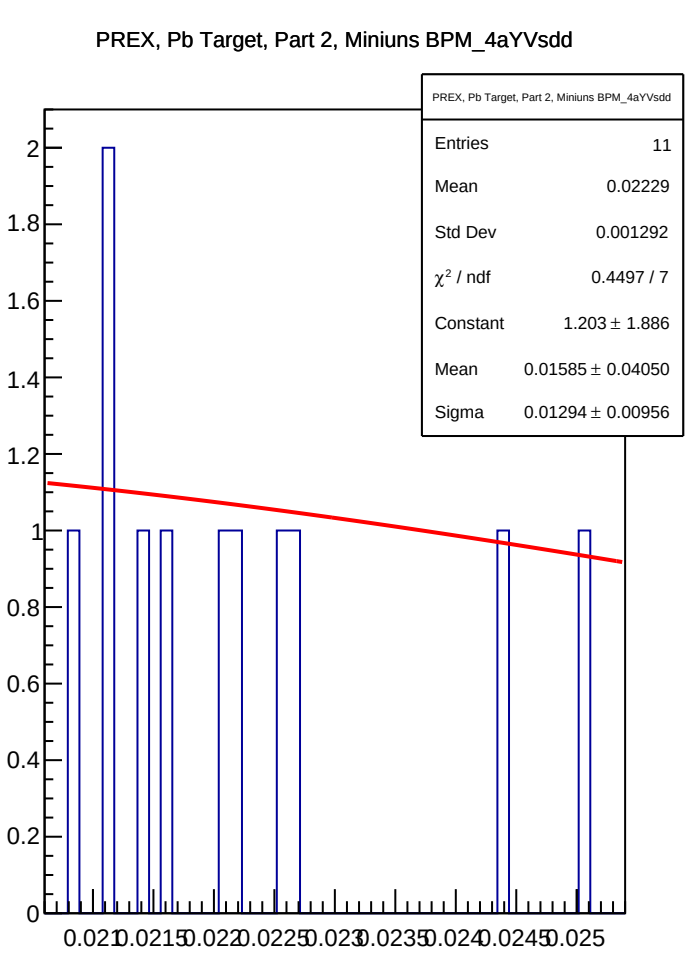

PREX, Pb Target, Part 2, Miniruns BPM_4aXVsusr
χ² / ndf 13.58 / 10
p0 0.03867 ± 0.0003406
0.043
0.042
0.041
0.04
0.039
0.038
0.037
0.036
0.035
4128
4128.5
4129
4129.5
4130
4130.5

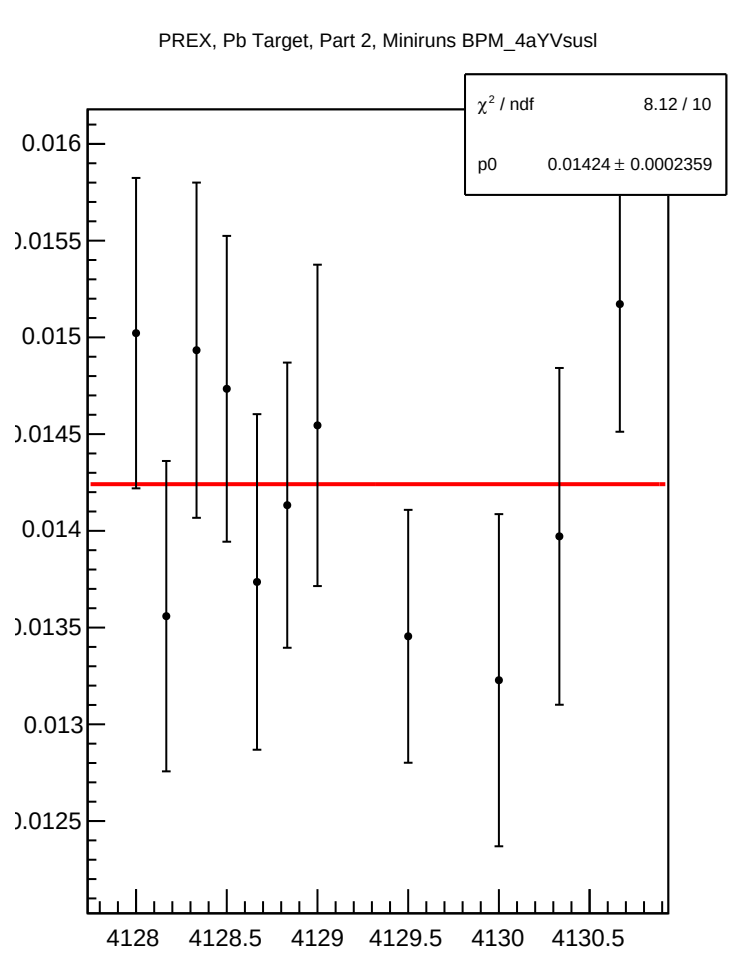

PREX, Pb Target, Part 2, Miniuns BPM_4aXVsusr
PREX, Pb Target, Part 2, Miniuns BPM_4aXVsusr
Entries 11
Mean 0.03869
Std Dev 0.001365
χ² / ndf 1.351 / 4
Constant 14.42 ± 144.10
Mean 0.009427 ± 0.067464
Sigma 0.0136 ± 0.0128
3
2.5
2
1.5
1
0.5
0
0.036
0.037
0.038
0.039
0.04
0.041
0.042

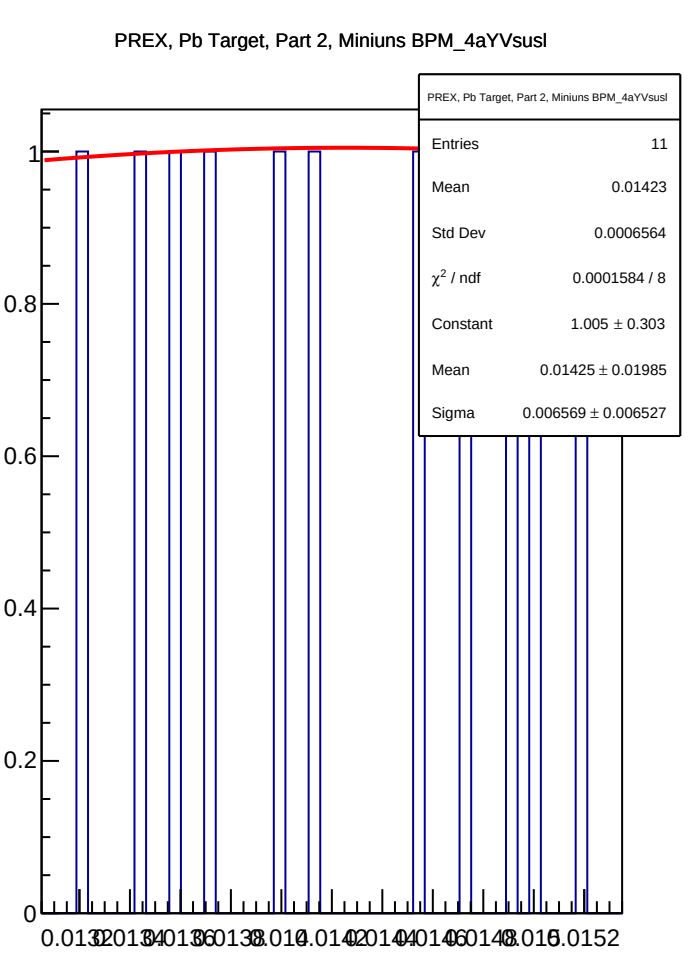

PREX, Pb Target, Part 2, Miniruns BPM_4aYVsavg
χ² / ndf 6.002 / 10
p0 0.01642 ± 0.0002434
0.018
0.0175
0.017
0.0165
0.016
0.0155
0.015
0.0145
4128
4128.5
4129
4129.5
4130
4130.5

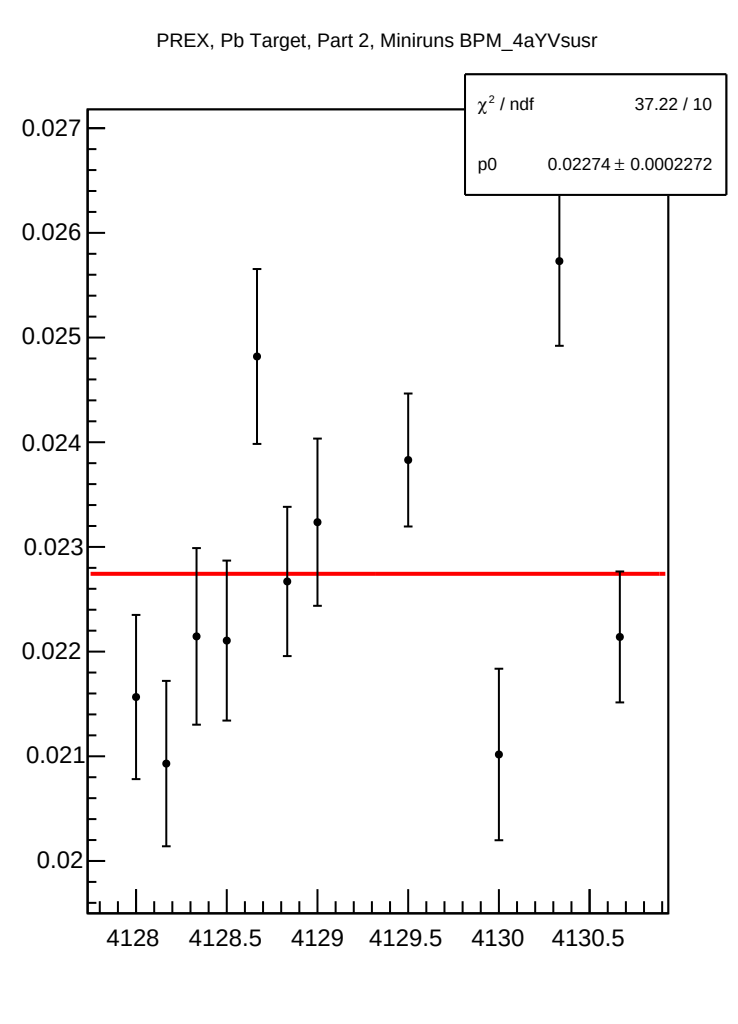

PREX, Pb Target, Part 2, Miniuns BPM_4aYVsavg
PREX, Pb Target, Part 2, Miniuns BPM_4aYVsavg
Entries 11
Mean 0.0164
Std Dev 0.0006055
χ² / ndf 0.0001979 / 8
Constant 1.005 ± 0.304
Mean 0.01635 ± 0.01815
Sigma 0.00601 ± 0.00410
1
0.8
0.6
0.4
0.2
0
0.015
0.016
0.017
0.0174

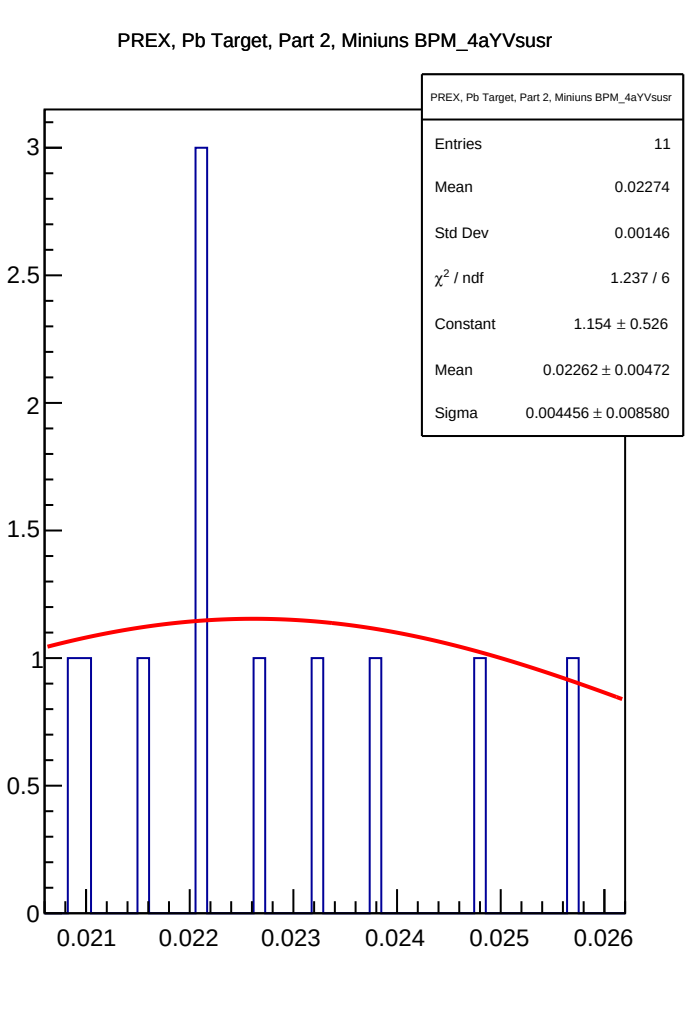

PREX, Pb Target, Part 2, Miniruns BPM_4aYVsdd
χ² / ndf 27.37 / 10
p0 0.02225 ± 0.0002322
0.026
0.025
0.024
0.023
0.022
0.021
0.02
4128
4128.5
4129
4129.5
4130
4130.5

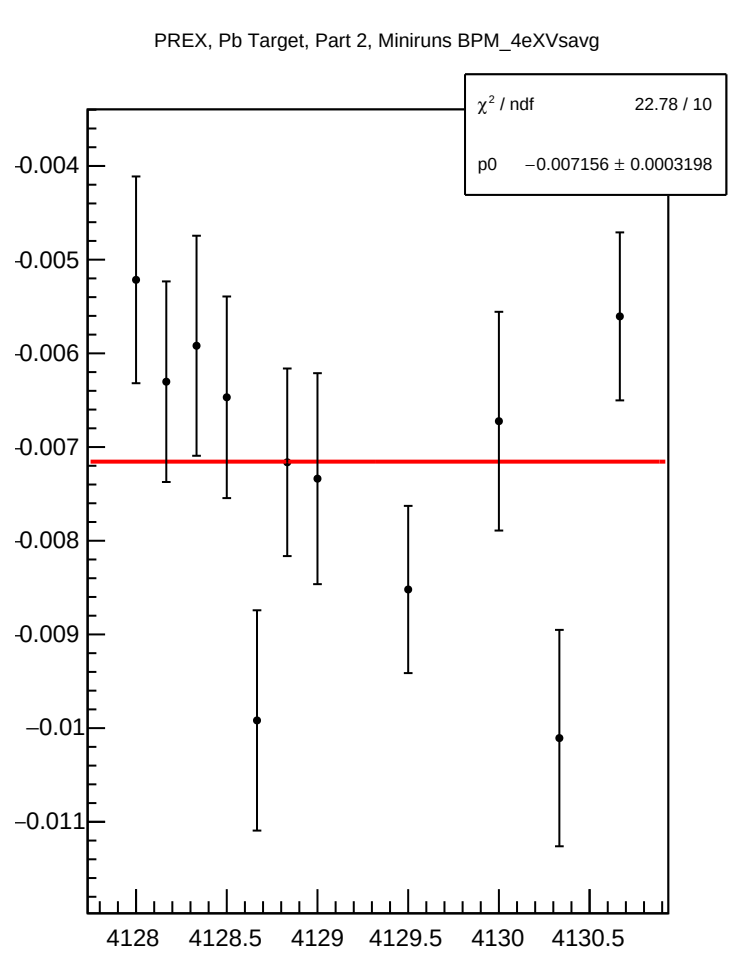

PREX, Pb Target, Part 2, Miniuns BPM_4aYVsdd
PREX, Pb Target, Part 2, Miniuns BPM_4aYVsdd
Entries 11
Mean 0.02229
Std Dev 0.001292
χ² / ndf 0.4497 / 7
Constant 1.203 ± 1.886
Mean 0.01585 ± 0.04050
Sigma 0.01294 ± 0.00956
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.021
0.0215
0.022
0.0225
0.023
0.0235
0.024
0.0245
0.025

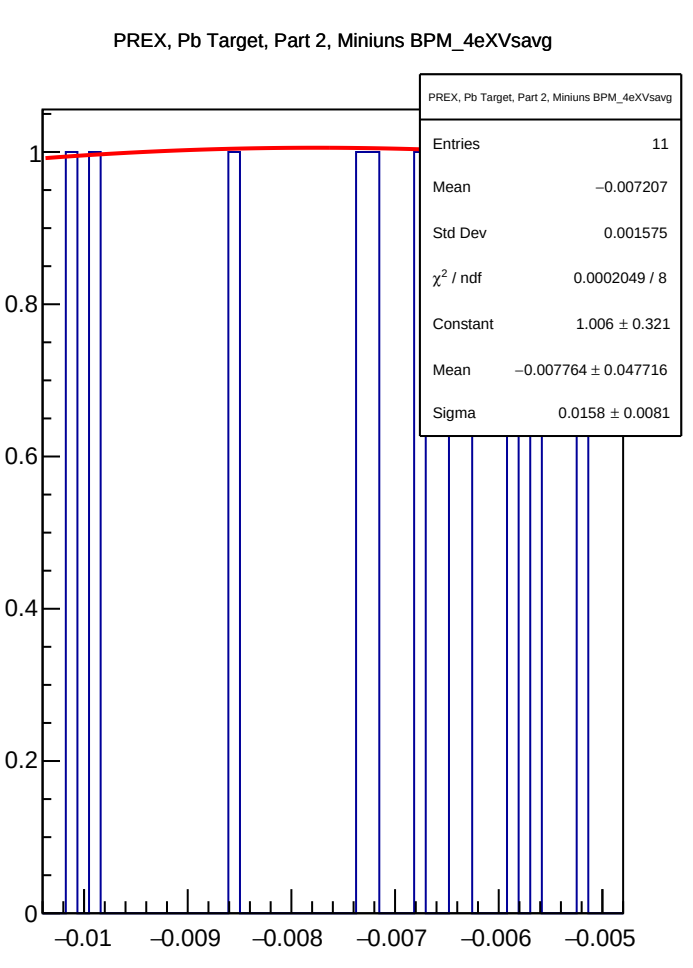

PREX, Pb Target, Part 2, Miniruns BPM_4aYVsusl
χ² / ndf 8.12 / 10
p0 0.01424 ± 0.0002359
0.016
0.0155
0.015
0.0145
0.014
0.0135
0.013
0.0125
4128
4128.5
4129
4129.5
4130
4130.5

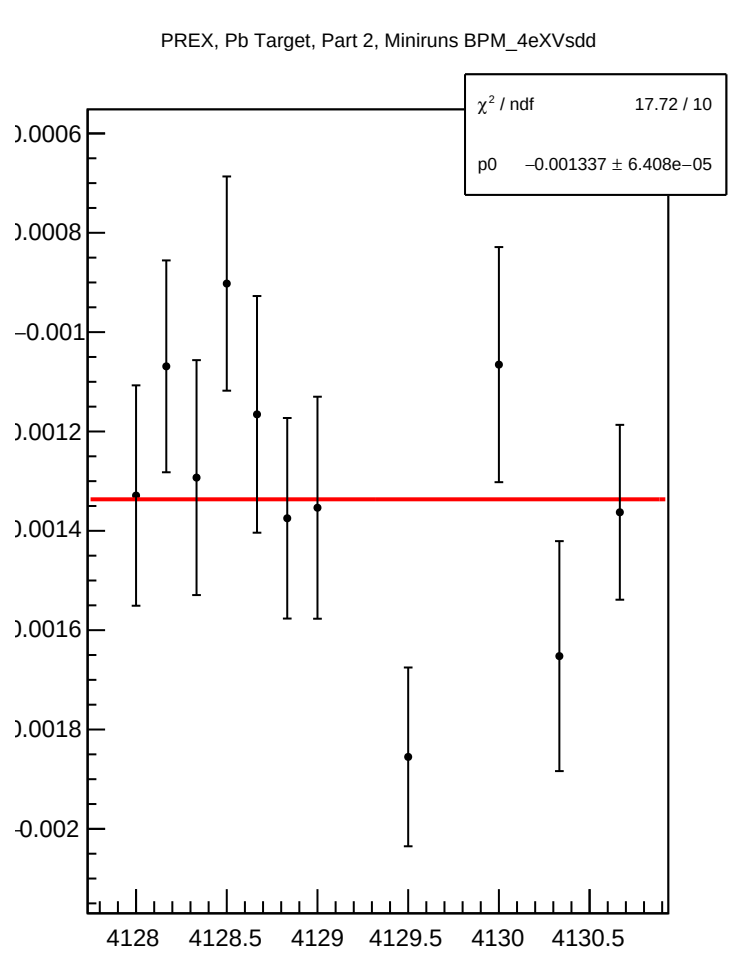

PREX, Pb Target, Part 2, Miniuns BPM_4aYVsusl
PREX, Pb Target, Part 2, Miniuns BPM_4aYVsusl
Entries 11
Mean 0.01423
Std Dev 0.0006564
χ² / ndf 0.0001584 / 8
Constant 1.005 ± 0.303
Mean 0.01425 ± 0.01985
Sigma 0.006569 ± 0.006527
1
0.8
0.6
0.4
0.2
0
0.0132
0.0134
0.0136
0.0138
0.014
0.0142
0.0144
0.0146
0.0148
0.015
0.0152

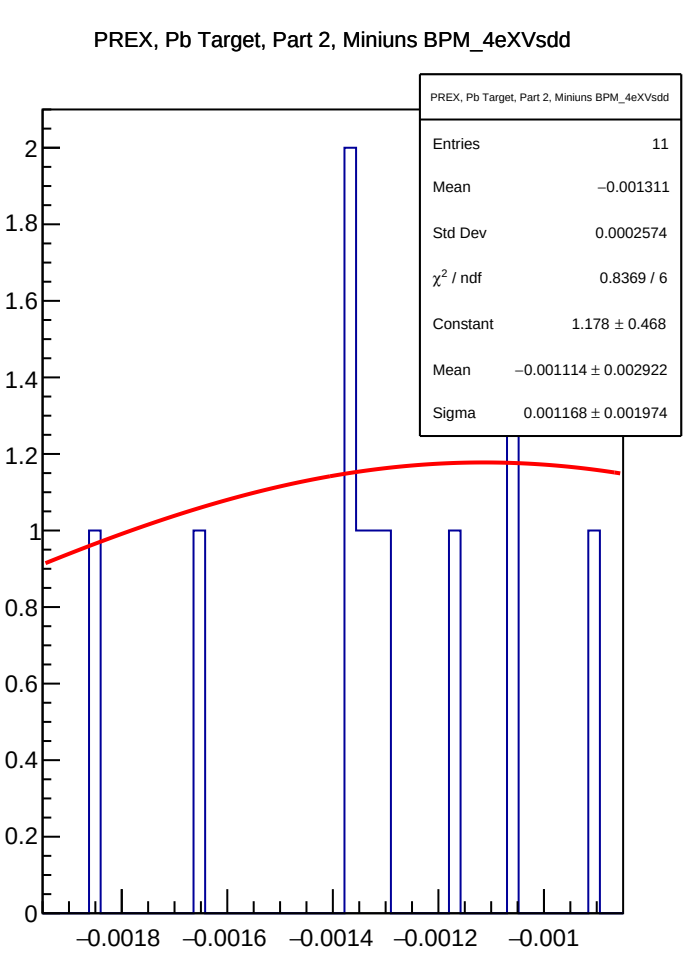

PREX, Pb Target, Part 2, Miniruns BPM_4aYVsusr
χ² / ndf 37.22 / 10
p0 0.02274 ± 0.0002272
0.027
0.026
0.025
0.024
0.023
0.022
0.021
0.02
4128
4128.5
4129
4129.5
4130
4130.5

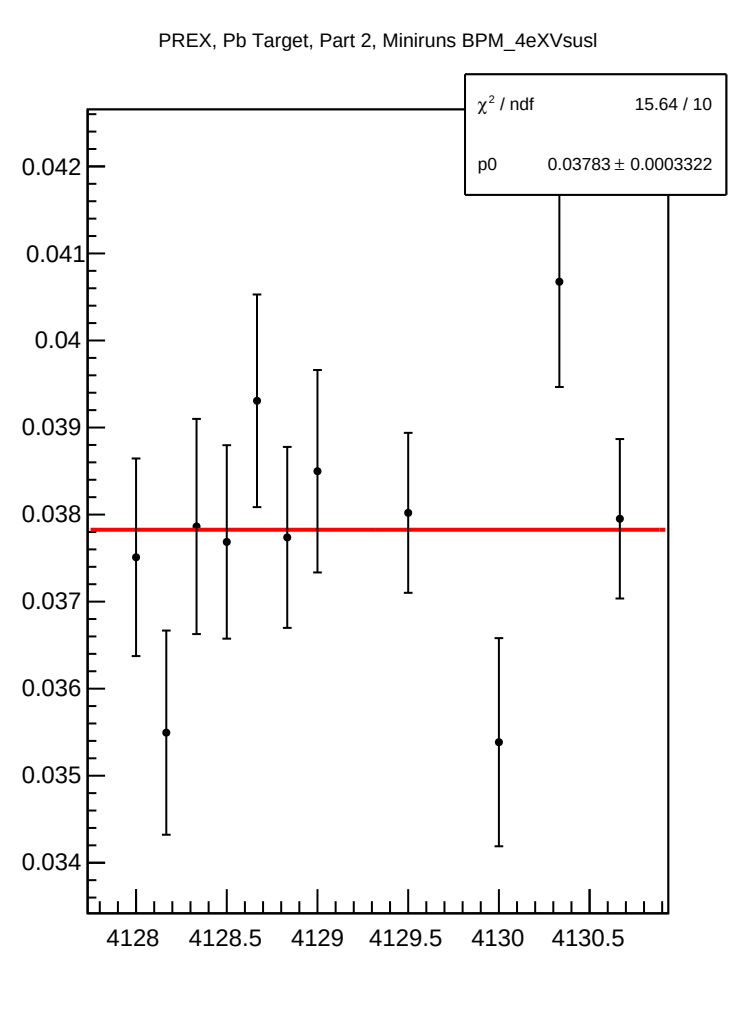

PREX, Pb Target, Part 2, Miniuns BPM_4aYVsusr
PREX, Pb Target, Part 2, Miniuns BPM_4aYVsusr
Entries 11
Mean 0.02274
Std Dev 0.00146
χ² / ndf 1.237 / 6
Constant 1.154 ± 0.526
Mean 0.02262 ± 0.00472
Sigma 0.004456 ± 0.008580
3
2.5
2
1.5
1
0.5
0
0.021
0.022
0.023
0.024
0.025
0.026

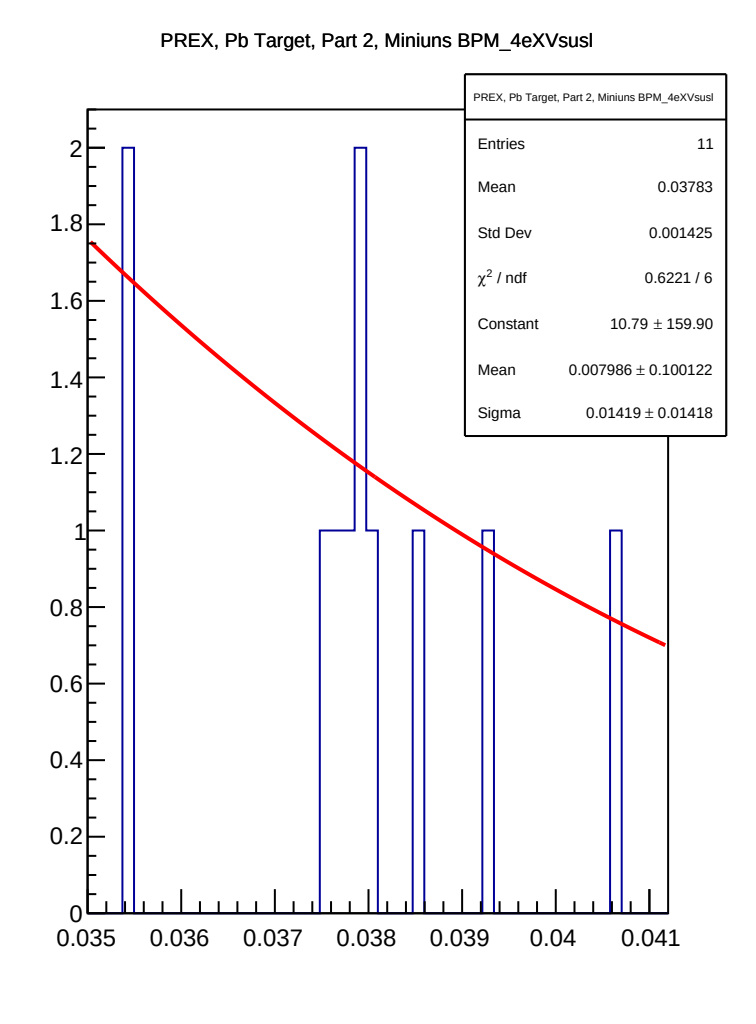

PREX, Pb Target, Part 2, Miniruns BPM_4eXVsavg
χ² / ndf 22.78 / 10
p0 −0.007156 ± 0.0003198
-0.004
-0.005
-0.006
-0.007
-0.008
-0.009
−0.01
−0.011
4128
4128.5
4129
4129.5
4130
4130.5

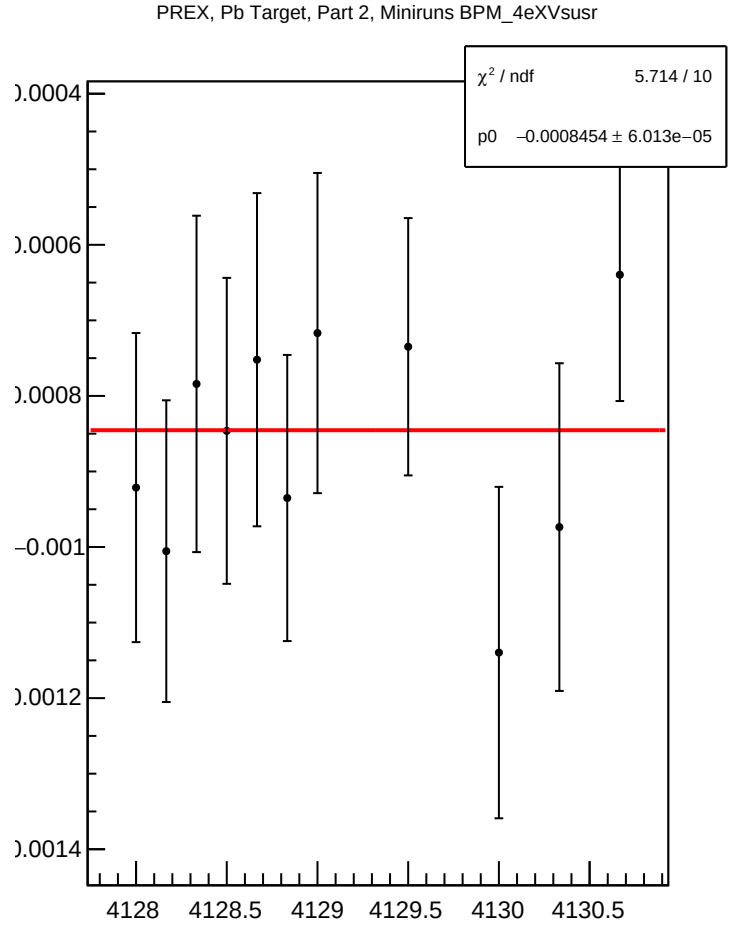

PREX, Pb Target, Part 2, Miniuns BPM_4eXVsavg
PREX, Pb Target, Part 2, Miniuns BPM_4eXVsavg
Entries 11
Mean −0.007207
Std Dev 0.001575
χ² / ndf 0.0002049 / 8
Constant 1.006 ± 0.321
Mean −0.007764 ± 0.047716
Sigma 0.0158 ± 0.0081
1
0.8
0.6
0.4
0.2
0
−0.01
−0.009
−0.008
−0.007
−0.006
−0.005

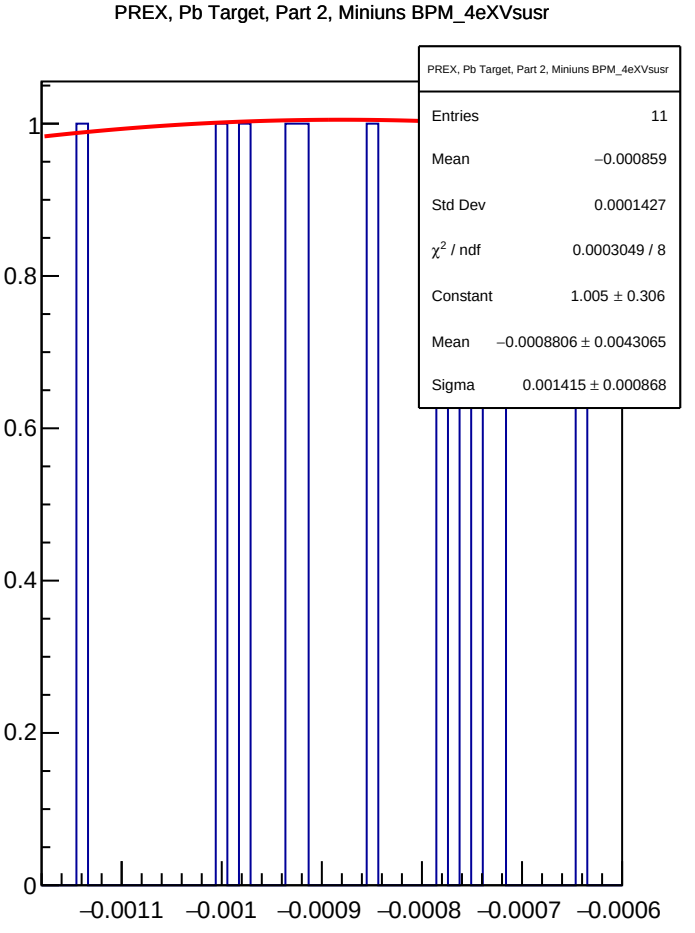

PREX, Pb Target, Part 2, Miniruns BPM_4eXVsdd
χ² / ndf 17.72 / 10
p0 −0.001337 ± 6.408e−05
0.0006
0.0008
−0.001
0.0012
0.0014
0.0016
0.0018
−0.002
4128
4128.5
4129
4129.5
4130
4130.5

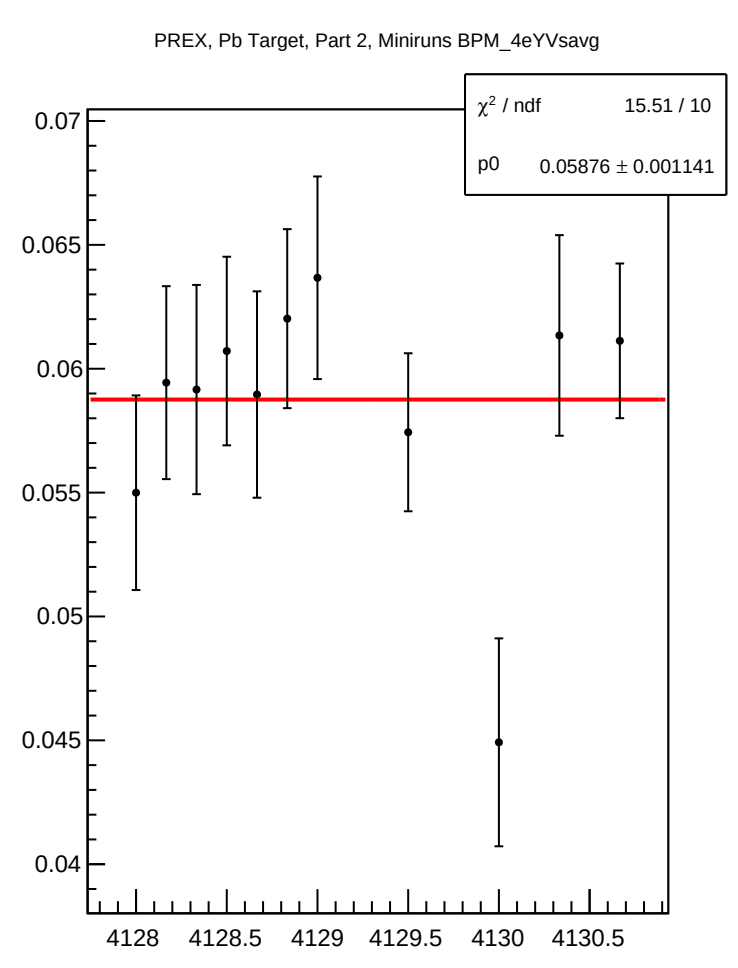

PREX, Pb Target, Part 2, Miniuns BPM_4eXVsdd
PREX, Pb Target, Part 2, Miniuns BPM_4eXVsdd
Entries 11
Mean −0.001311
Std Dev 0.0002574
χ² / ndf 0.8369 / 6
Constant 1.178 ± 0.468
Mean −0.001114 ± 0.002922
Sigma 0.001168 ± 0.001974
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.0018
−0.0016
−0.0014
−0.0012
−0.001

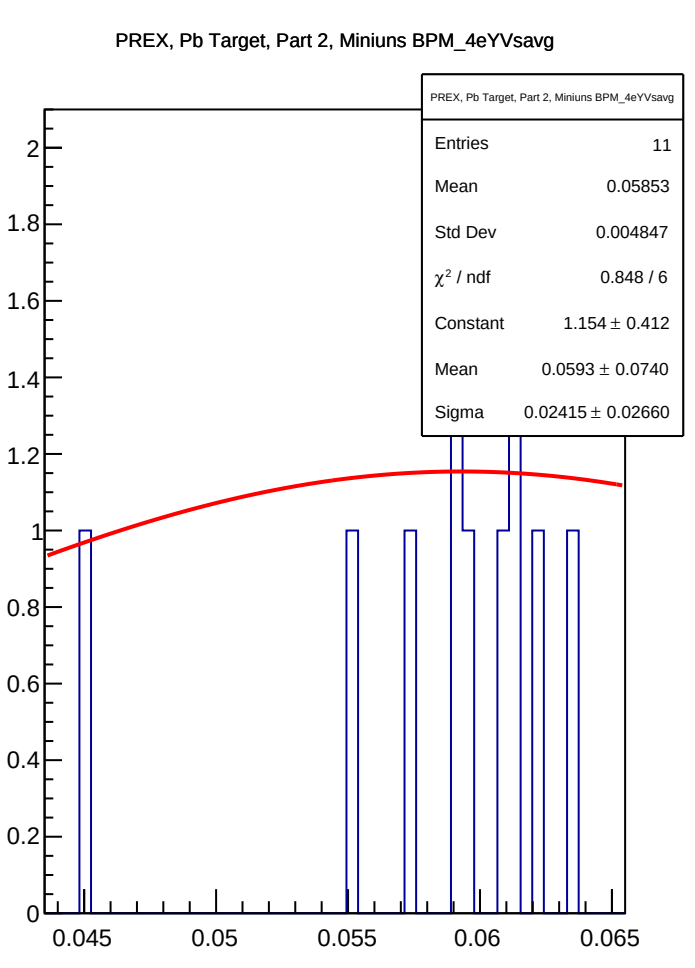

PREX, Pb Target, Part 2, Miniruns BPM_4eXVsusl
χ² / ndf 15.64 / 10
p0 0.03783 ± 0.0003322
0.042
0.041
0.04
0.039
0.038
0.037
0.036
0.035
0.034
4128
4128.5
4129
4129.5
4130
4130.5

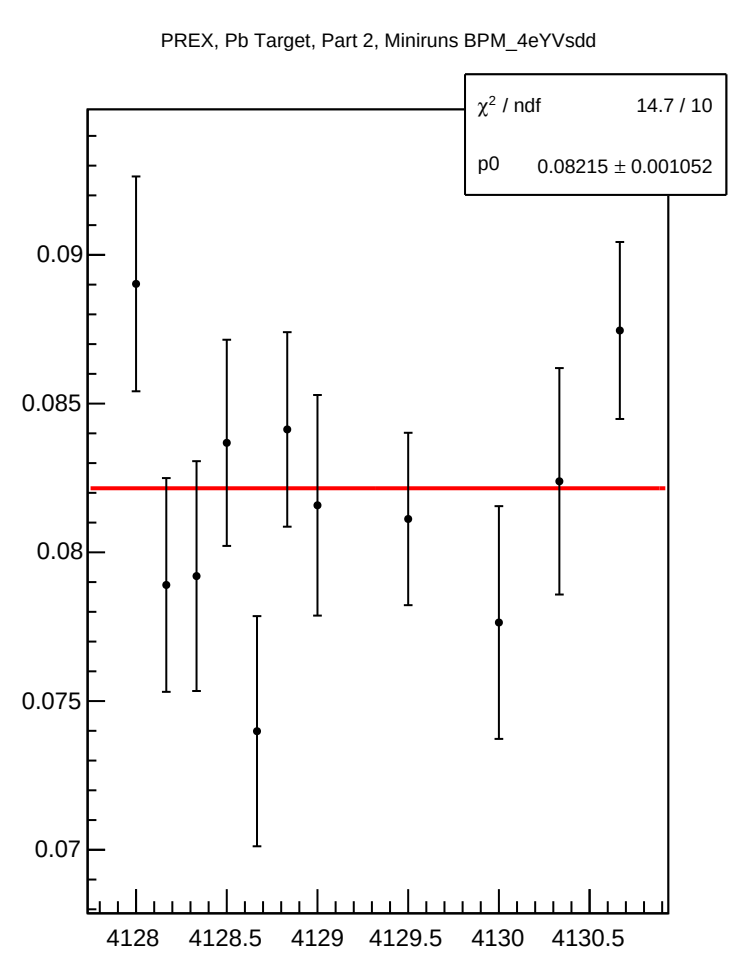

PREX, Pb Target, Part 2, Miniuns BPM_4eXVsusl
PREX, Pb Target, Part 2, Miniuns BPM_4eXVsusl
Entries 11
Mean 0.03783
Std Dev 0.001425
χ² / ndf 0.6221 / 6
Constant 10.79 ± 159.90
Mean 0.007986 ± 0.100122
Sigma 0.01419 ± 0.01418
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.035
0.036
0.037
0.038
0.039
0.04
0.041

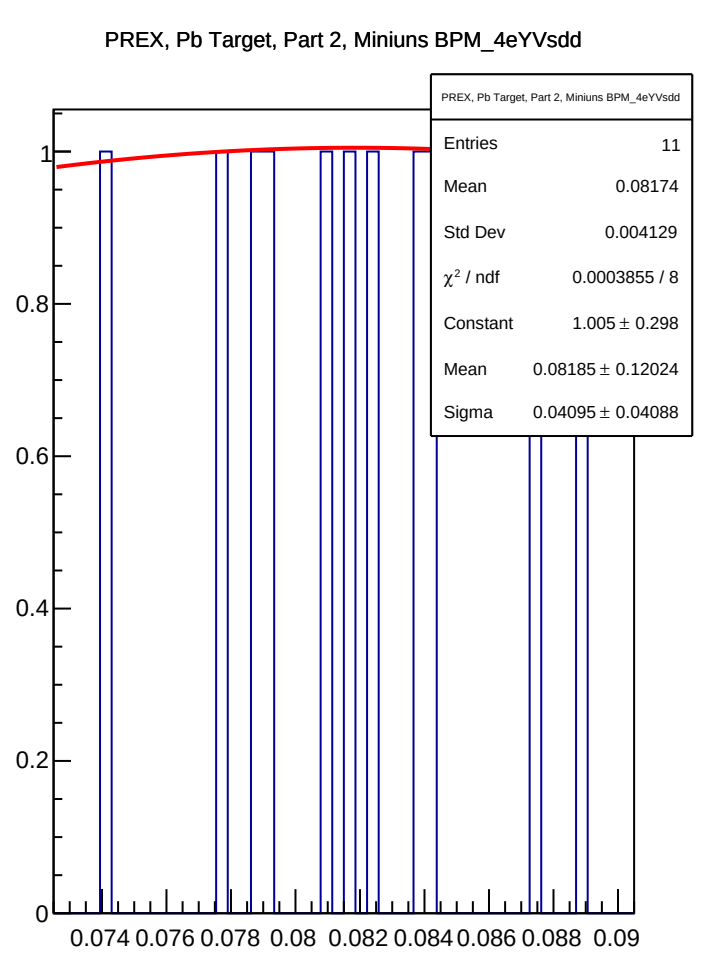

PREX, Pb Target, Part 2, Miniruns BPM_4eXVsusr
χ² / ndf 5.714 / 10
p0 −0.0008454 ± 6.013e−05
0.0004
0.0006
0.0008
−0.001
0.0012
0.0014
4128
4128.5
4129
4129.5
4130
4130.5

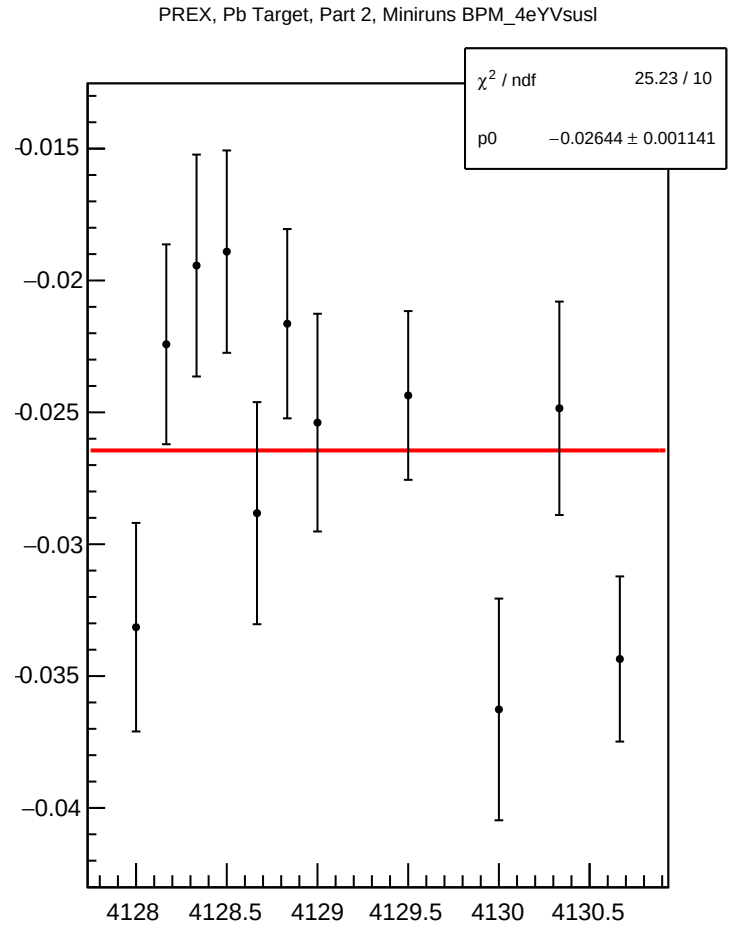

PREX, Pb Target, Part 2, Miniuns BPM_4eXVsusr
PREX, Pb Target, Part 2, Miniuns BPM_4eXVsusr
Entries 11
Mean −0.000859
Std Dev 0.0001427
χ² / ndf 0.0003049 / 8
Constant 1.005 ± 0.306
Mean −0.0008806 ± 0.0043065
Sigma 0.001415 ± 0.000868
1
0.8
0.6
0.4
0.2
0
−0.0011
−0.001
−0.0009
−0.0008
−0.0007
−0.0006

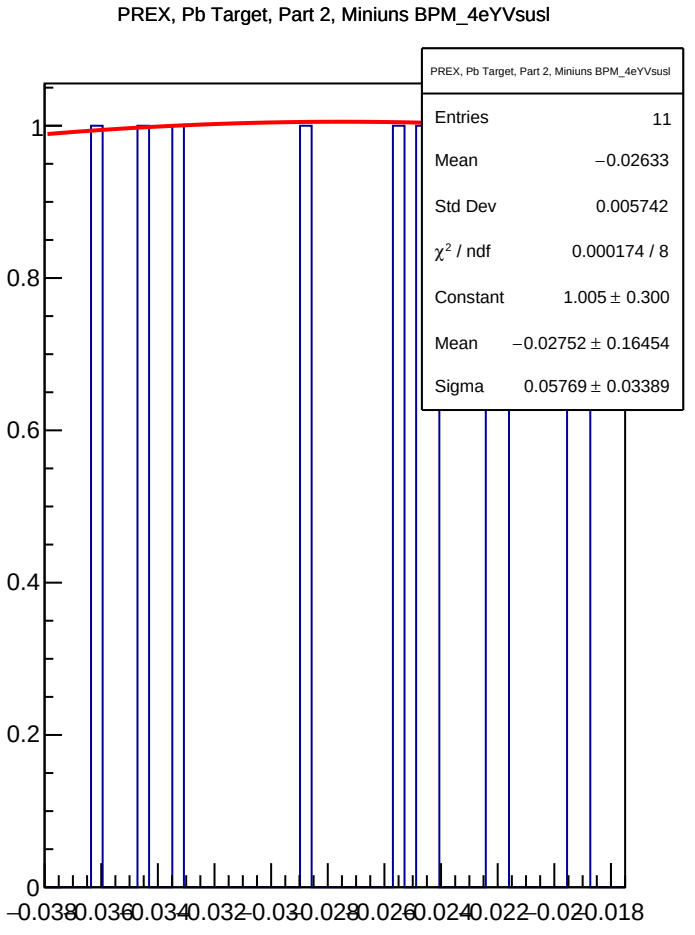

PREX, Pb Target, Part 2, Miniruns BPM_4eYVsavg
χ² / ndf 15.51 / 10
p0 0.05876 ± 0.001141
0.07
0.065
0.06
0.055
0.05
0.045
0.04
4128
4128.5
4129
4129.5
4130
4130.5

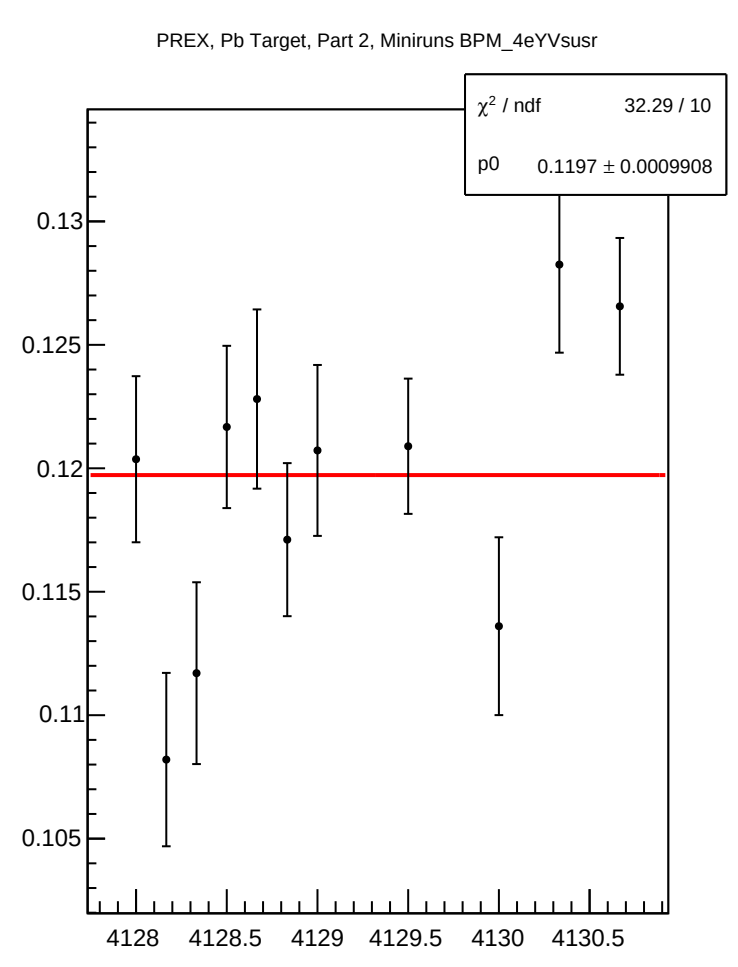

PREX, Pb Target, Part 2, Miniuns BPM_4eYVsavg
PREX, Pb Target, Part 2, Miniuns BPM_4eYVsavg
Entries 11
Mean 0.05853
Std Dev 0.004847
χ² / ndf 0.848 / 6
Constant 1.154 ± 0.412
Mean 0.0593 ± 0.0740
Sigma 0.02415 ± 0.02660
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.045
0.05
0.055
0.06
0.065

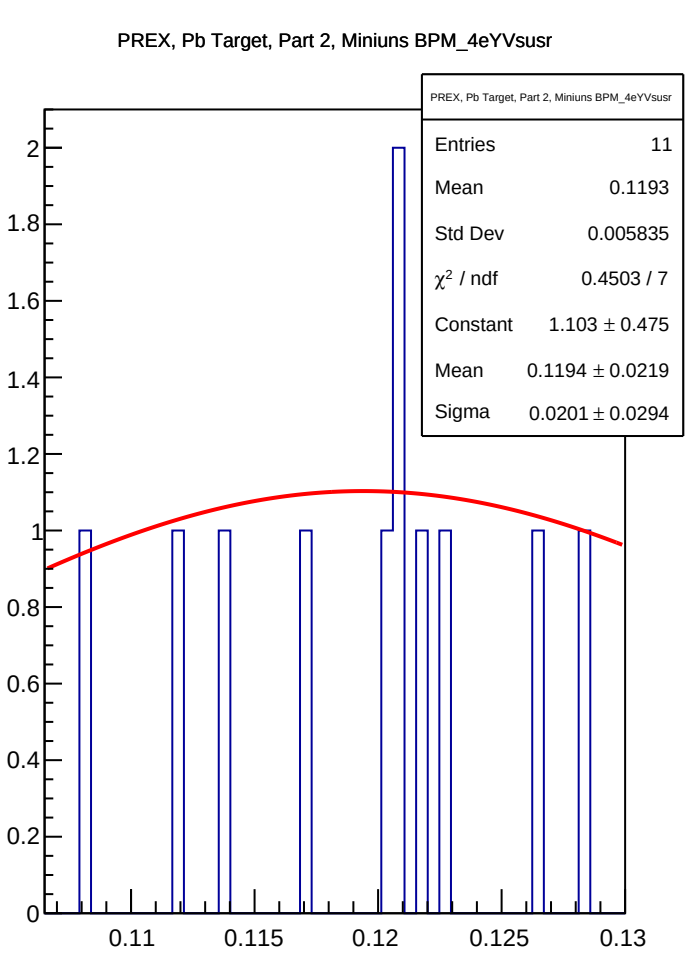

PREX, Pb Target, Part 2, Miniruns BPM_4eYVsdd
χ² / ndf 14.7 / 10
p0 0.08215 ± 0.001052
0.09
0.085
0.08
0.075
0.07
4128
4128.5
4129
4129.5
4130
4130.5

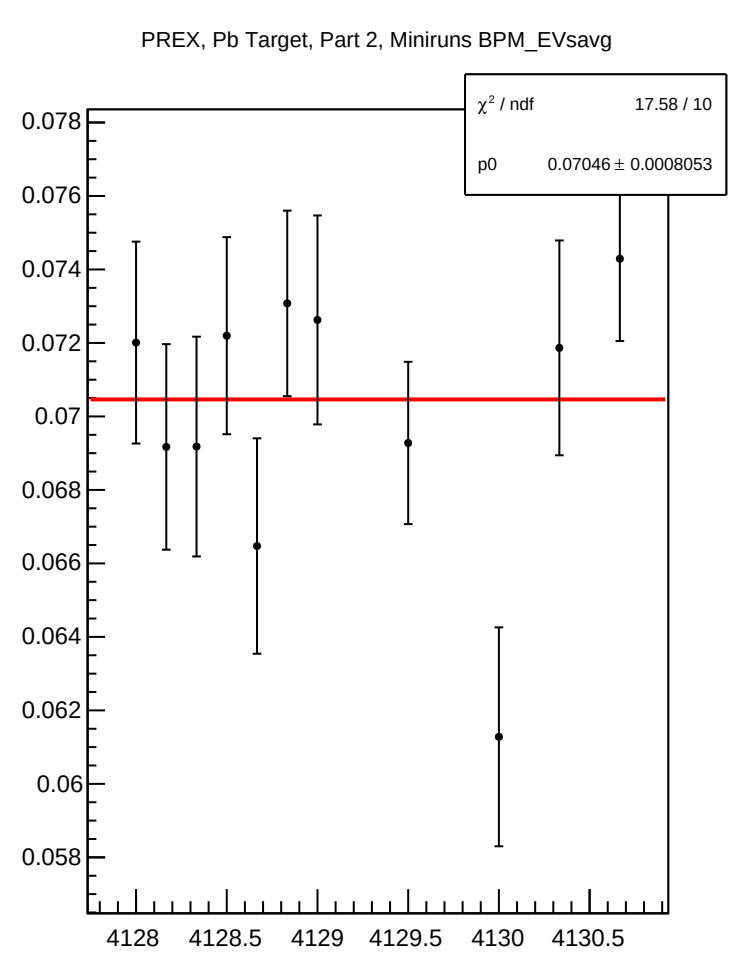

PREX, Pb Target, Part 2, Miniuns BPM_4eYVsdd
PREX, Pb Target, Part 2, Miniuns BPM_4eYVsdd
Entries 11
Mean 0.08174
Std Dev 0.004129
χ² / ndf 0.0003855 / 8
Constant 1.005 ± 0.298
Mean 0.08185 ± 0.12024
Sigma 0.04095 ± 0.04088
1
0.8
0.6
0.4
0.2
0
0.074
0.076
0.078
0.08
0.082
0.084
0.086
0.088
0.09

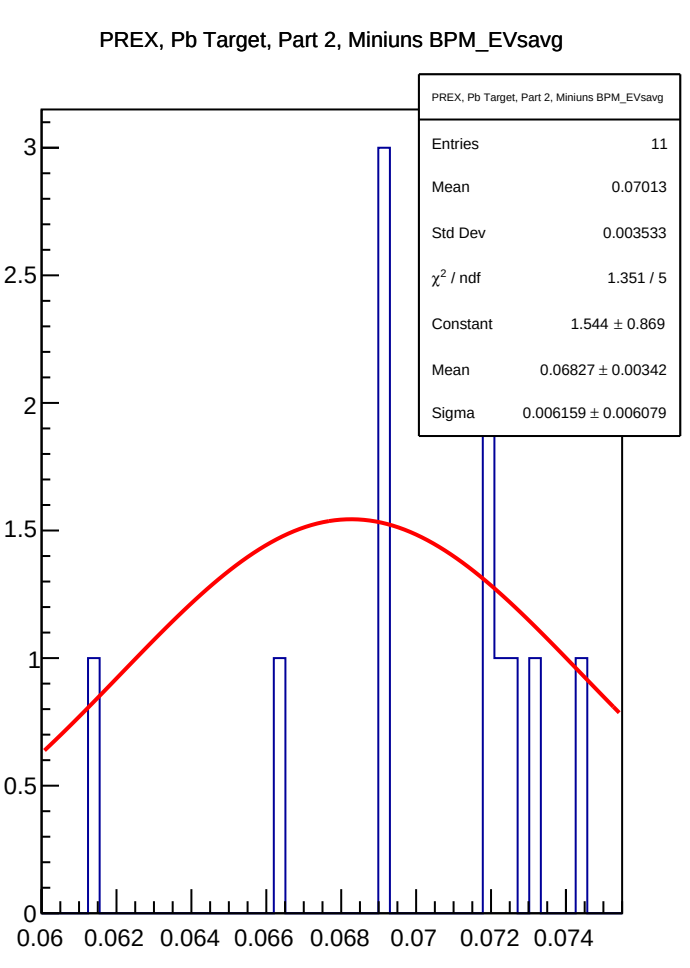

PREX, Pb Target, Part 2, Miniruns BPM_4eYVsusl
χ² / ndf 25.23 / 10
p0 −0.02644 ± 0.001141
-0.015
−0.02
-0.025
−0.03
-0.035
−0.04
4128
4128.5
4129
4129.5
4130
4130.5

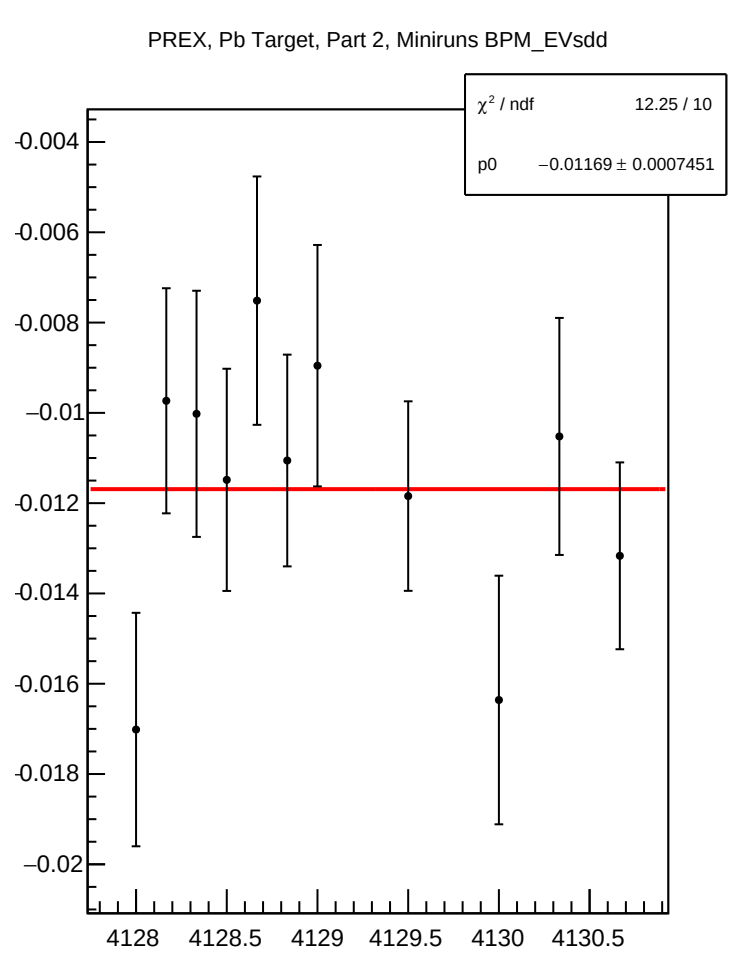

PREX, Pb Target, Part 2, Miniuns BPM_4eYVsusl
PREX, Pb Target, Part 2, Miniuns BPM_4eYVsusl
Entries 11
Mean −0.02633
Std Dev 0.005742
χ² / ndf 0.000174 / 8
Constant 1.005 ± 0.300
Mean −0.02752 ± 0.16454
Sigma 0.05769 ± 0.03389
1
0.8
0.6
0.4
0.2
0
−0.038
−0.036
−0.034
−0.032
−0.03
−0.028
−0.026
−0.024
−0.022
−0.02
−0.018

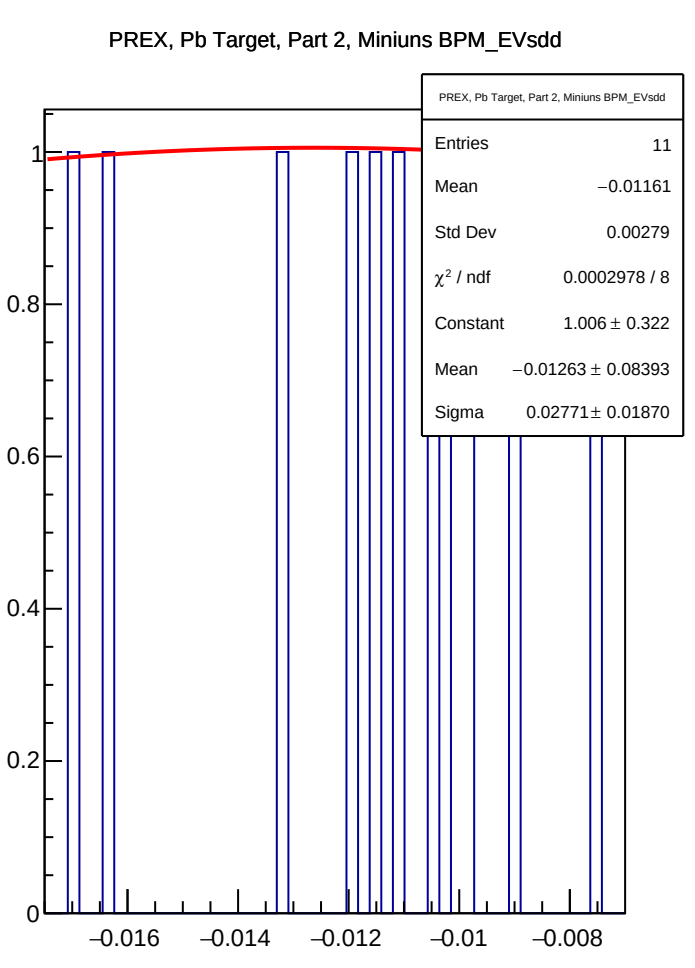

PREX, Pb Target, Part 2, Miniruns BPM_4eYVsusr
χ² / ndf 32.29 / 10
p0 0.1197 ± 0.0009908
0.13
0.125
0.12
0.115
0.11
0.105
4128
4128.5
4129
4129.5
4130
4130.5

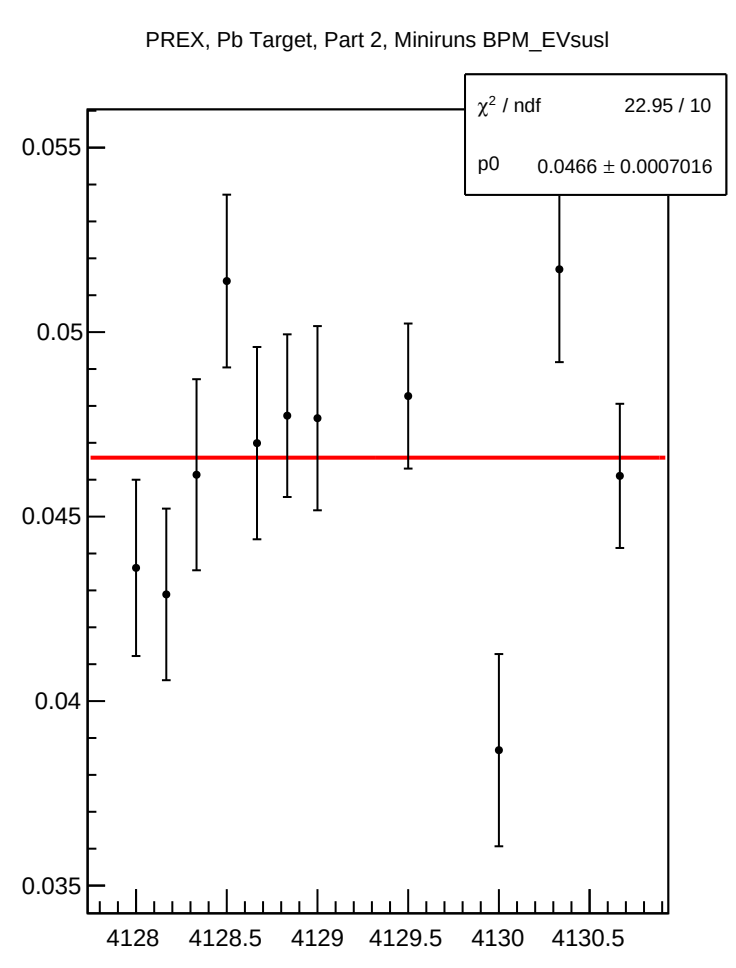

PREX, Pb Target, Part 2, Miniuns BPM_4eYVsusr
PREX, Pb Target, Part 2, Miniuns BPM_4eYVsusr
Entries 11
Mean 0.1193
Std Dev 0.005835
χ² / ndf 0.4503 / 7
Constant 1.103 ± 0.475
Mean 0.1194 ± 0.0219
Sigma 0.0201 ± 0.0294
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.11
0.115
0.12
0.125
0.13

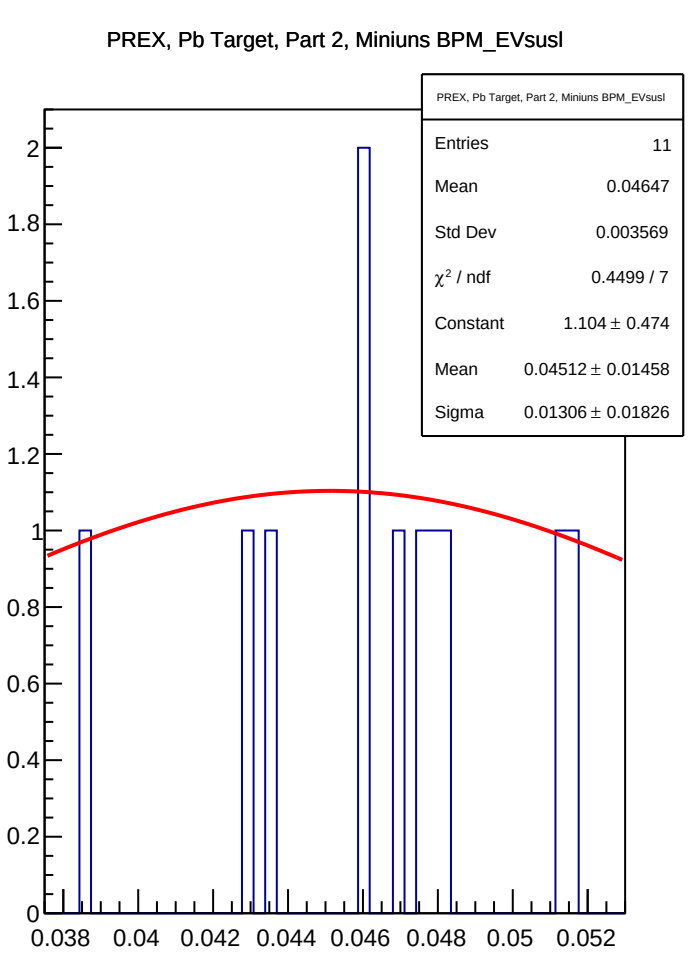

PREX, Pb Target, Part 2, Miniruns BPM_EVsavg
χ² / ndf 17.58 / 10
p0 0.07046 ± 0.0008053
0.078
0.076
0.074
0.072
0.07
0.068
0.066
0.064
0.062
0.06
0.058
4128
4128.5
4129
4129.5
4130
4130.5

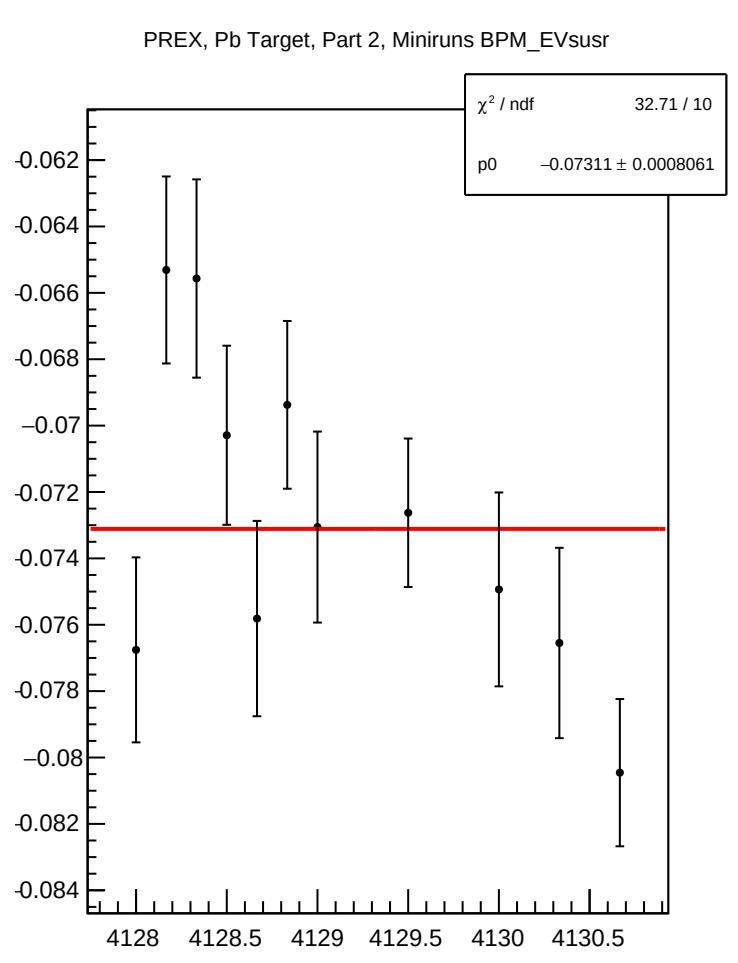

PREX, Pb Target, Part 2, Miniuns BPM_EVsavg
PREX, Pb Target, Part 2, Miniuns BPM_EVsavg
Entries 11
Mean 0.07013
Std Dev 0.003533
χ² / ndf 1.351 / 5
Constant 1.544 ± 0.869
Mean 0.06827 ± 0.00342
Sigma 0.006159 ± 0.006079
3
2.5
2
1.5
1
0.5
0
0.06
0.062
0.064
0.066
0.068
0.07
0.072
0.074

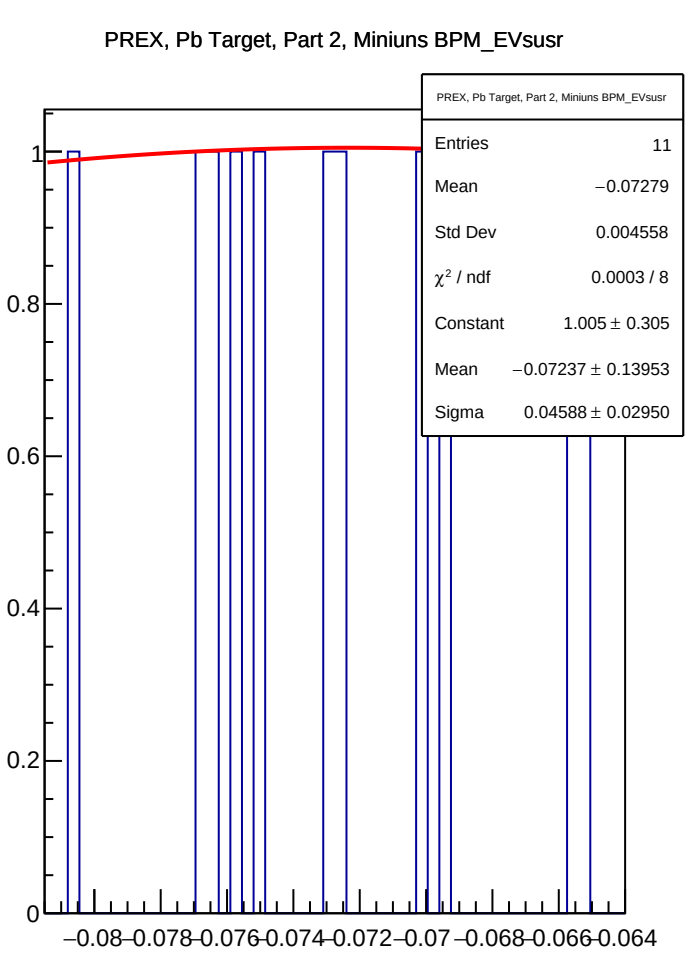

PREX, Pb Target, Part 2, Miniruns BPM_EVsdd
χ² / ndf 12.25 / 10
p0 −0.01169 ± 0.0007451
-0.004
-0.006
-0.008
−0.01
-0.012
-0.014
-0.016
-0.018
−0.02
4128
4128.5
4129
4129.5
4130
4130.5


PREX, Pb Target, Part 2, Miniuns BPM_EVsdd
PREX, Pb Target, Part 2, Miniuns BPM_EVsdd
Entries 11
Mean −0.01161
Std Dev 0.00279
χ² / ndf 0.0002978 / 8
Constant 1.006 ± 0.322
Mean −0.01263 ± 0.08393
Sigma 0.02771 ± 0.01870
1
0.8
0.6
0.4
0.2
0
−0.016
−0.014
−0.012
−0.01
−0.008


PREX, Pb Target, Part 2, Miniruns BPM_EVsusl
χ² / ndf 22.95 / 10
p0 0.0466 ± 0.0007016
0.055
0.05
0.045
0.04
0.035
4128
4128.5
4129
4129.5
4130
4130.5


PREX, Pb Target, Part 2, Miniuns BPM_EVsusl
PREX, Pb Target, Part 2, Miniuns BPM_EVsusl
Entries 11
Mean 0.04647
Std Dev 0.003569
χ² / ndf 0.4499 / 7
Constant 1.104 ± 0.474
Mean 0.04512 ± 0.01458
Sigma 0.01306 ± 0.01826
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.038
0.04
0.042
0.044
0.046
0.048
0.05
0.052


PREX, Pb Target, Part 2, Miniruns BPM_EVsusr
χ² / ndf 32.71 / 10
p0 −0.07311 ± 0.0008061
-0.062
-0.064
-0.066
-0.068
−0.07
-0.072
-0.074
-0.076
-0.078
−0.08
-0.082
-0.084
4128
4128.5
4129
4129.5
4130
4130.5


PREX, Pb Target, Part 2, Miniuns BPM_EVsusr
PREX, Pb Target, Part 2, Miniuns BPM_EVsusr
Entries 11
Mean −0.07279
Std Dev 0.004558
χ² / ndf 0.0003 / 8
Constant 1.005 ± 0.305
Mean −0.07237 ± 0.13953
Sigma 0.04588 ± 0.02950
1
0.8
0.6
0.4
0.2
0
−0.08
−0.078
−0.076
−0.074
−0.072
−0.07
−0.068
−0.066
−0.064