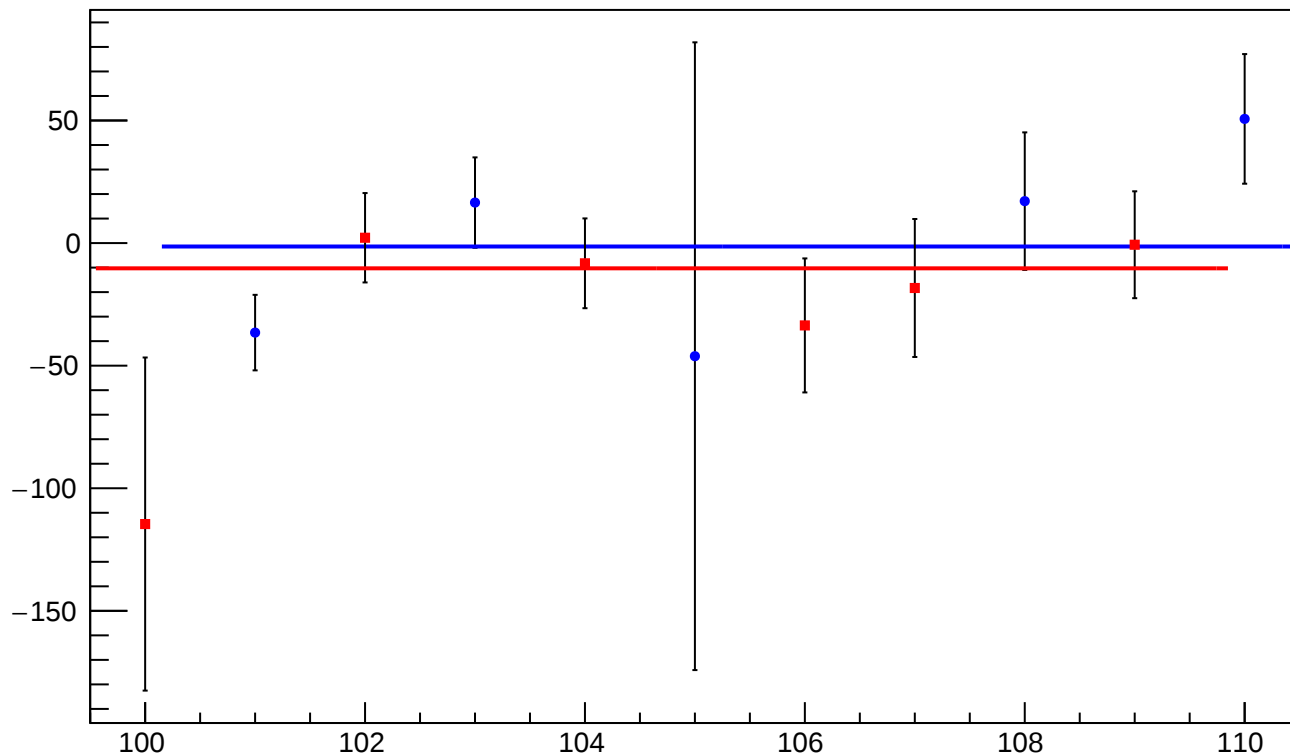


diff_bpm4aX_mean vs slug



Right In: -1.396+/-10.038

χ^2/NDF : 10.6/4

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: -10.299+/-9.572

χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

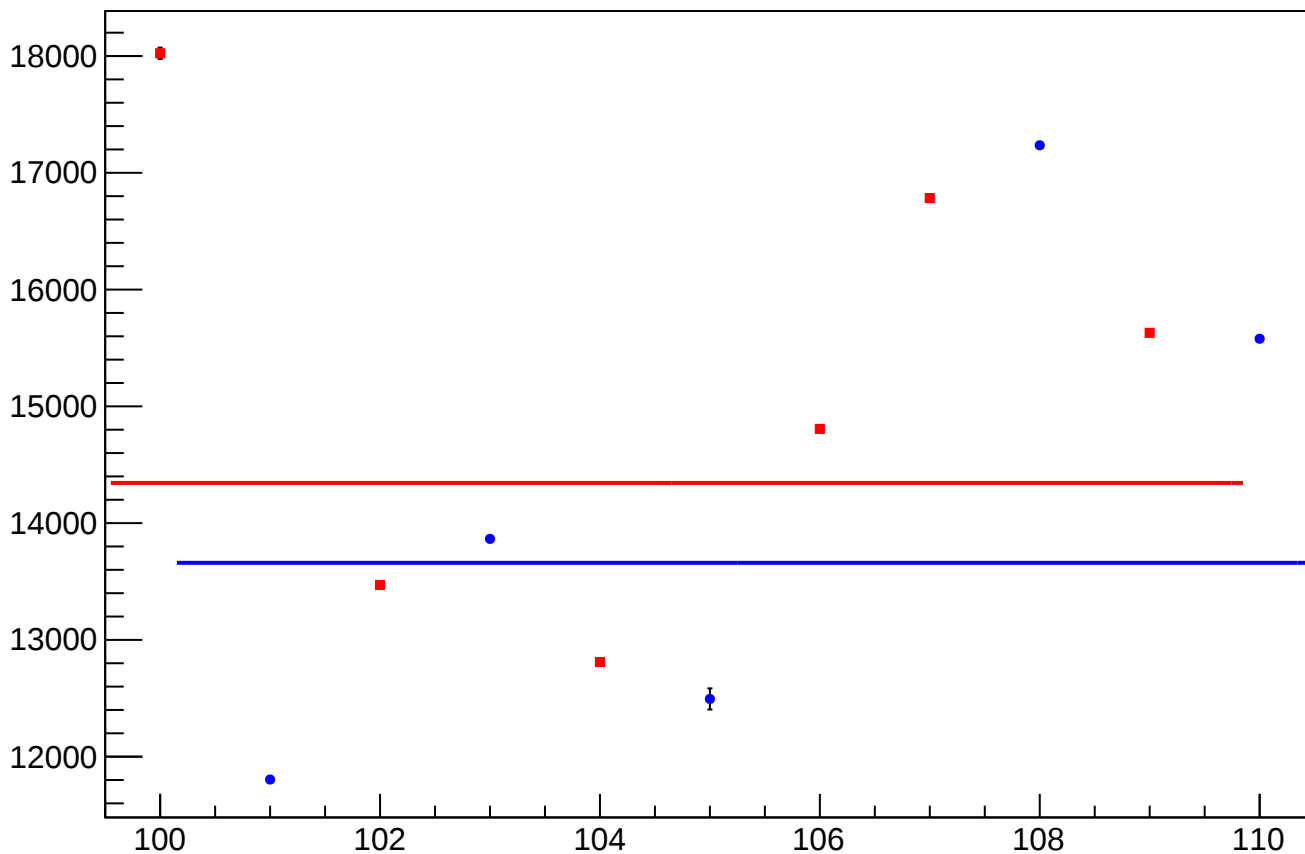
-1.396+/-10.038

χ^2/NDF : 10.6/4

-10.299+/-9.572

χ^2/NDF : 3.8/5

diff_bpm4aX_rms vs slug



Right In: 13660.170+/-7.098 χ^2/NDF : 72499.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

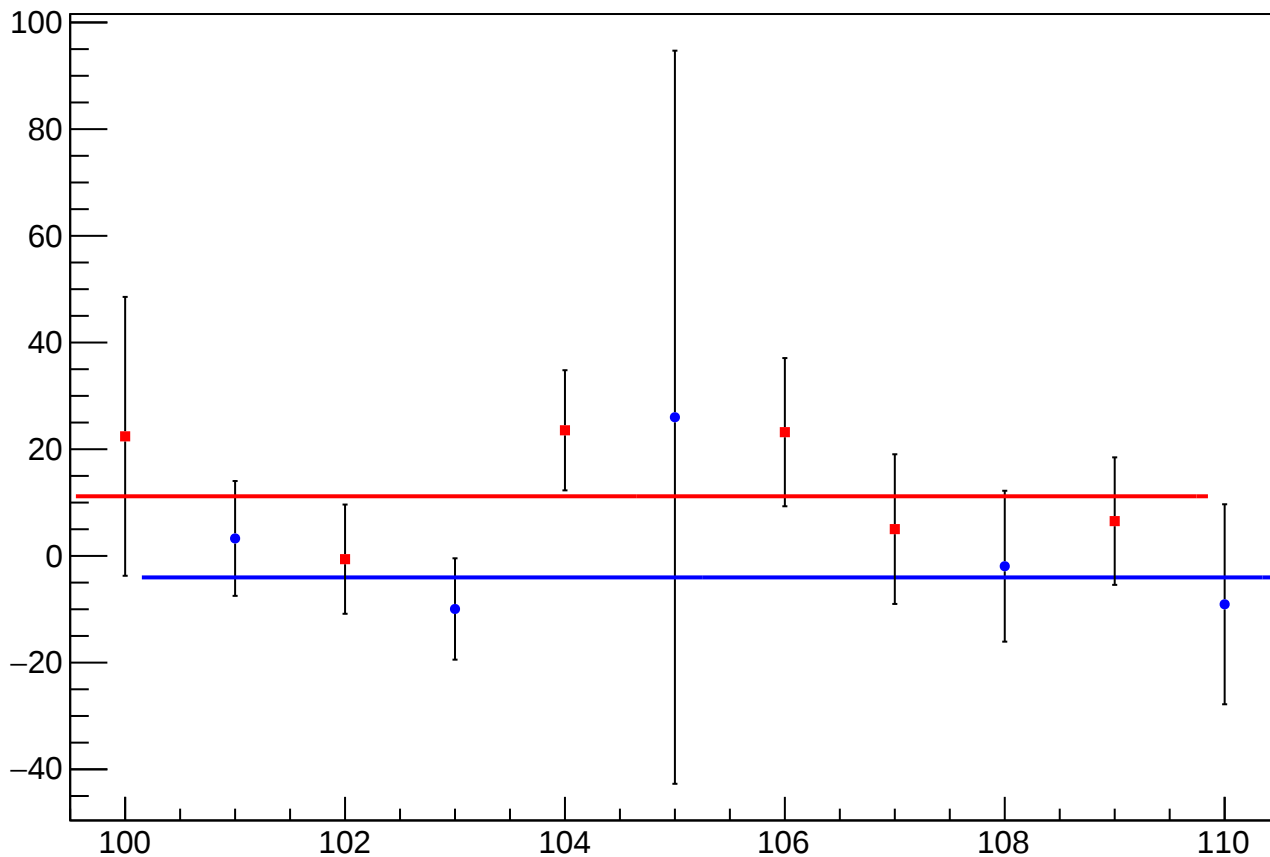
Right Out: 14344.204+/-6.768 χ^2/NDF : 47049.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13660.170+/-7.098 χ^2/NDF : 72499.4/4

14344.204+/-6.768 χ^2/NDF : 47049.3/5

diff_bpm4aY_mean vs slug



Right In: -4.027+/-6.001 χ^2/NDF : 1.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

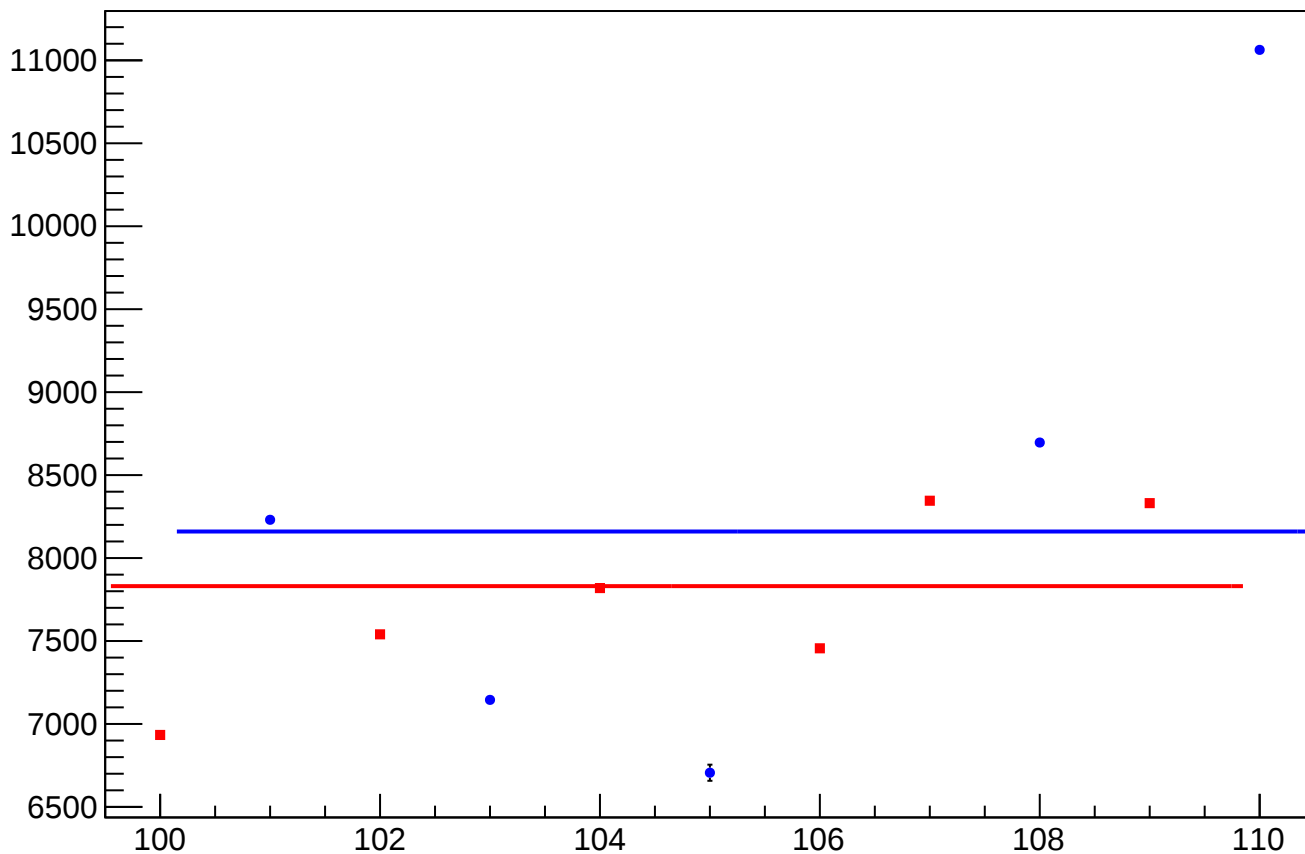
Right Out: 11.179+/-5.259 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.027+/-6.001 χ^2/NDF : 1.1/4

11.179+/-5.259 χ^2/NDF : 3.8/5

diff_bpm4aY_rms vs slug



Right In: 8160.005 $\pm$ 4.243 χ^2 /NDF: 74648.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

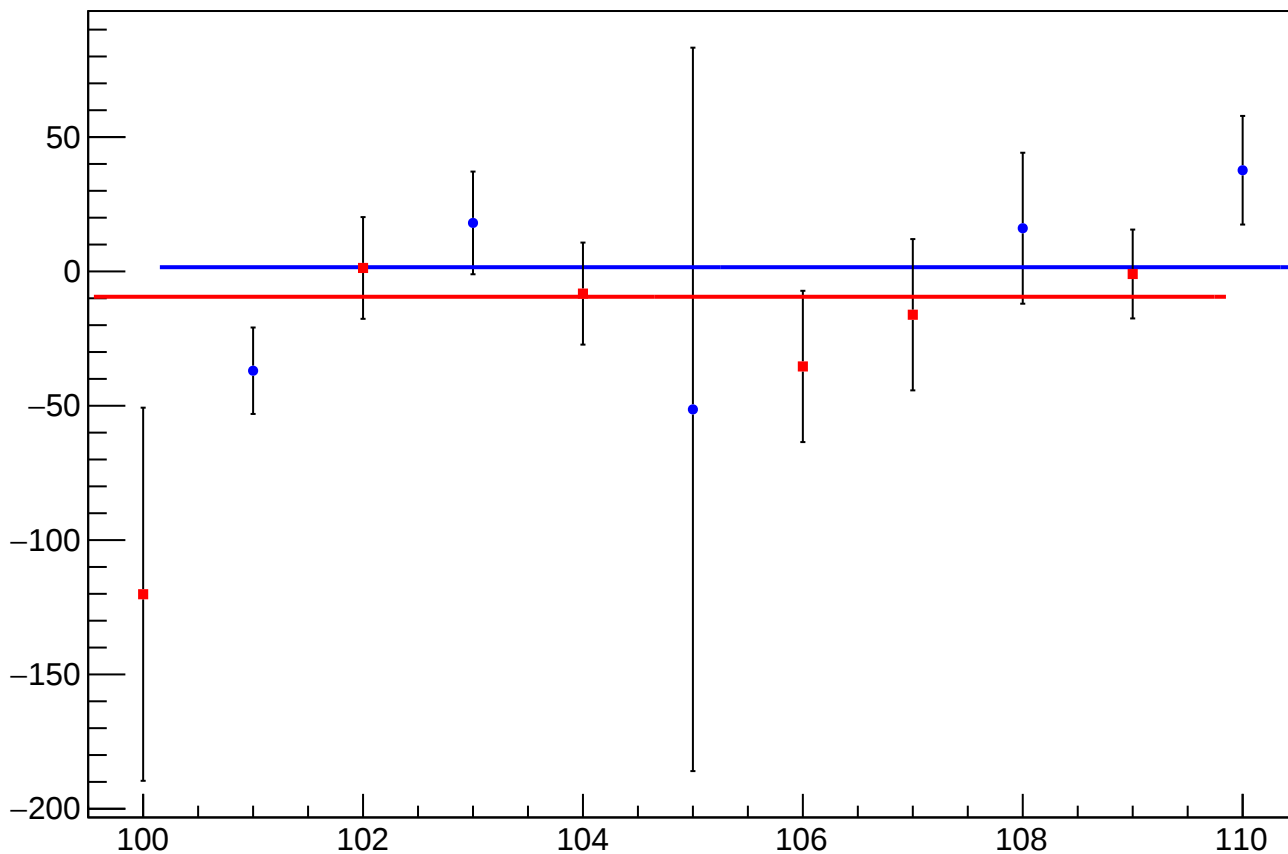
Right Out: 7830.758 $\pm$ 3.719 χ^2 /NDF: 11621.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8160.005 $\pm$ 4.243 χ^2 /NDF: 74648.0/4

7830.758 $\pm$ 3.719 χ^2 /NDF: 11621.7/5

diff_bpm4eX_mean vs slug



Right In: 1.571+/-9.820 χ^2/NDF : 10.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

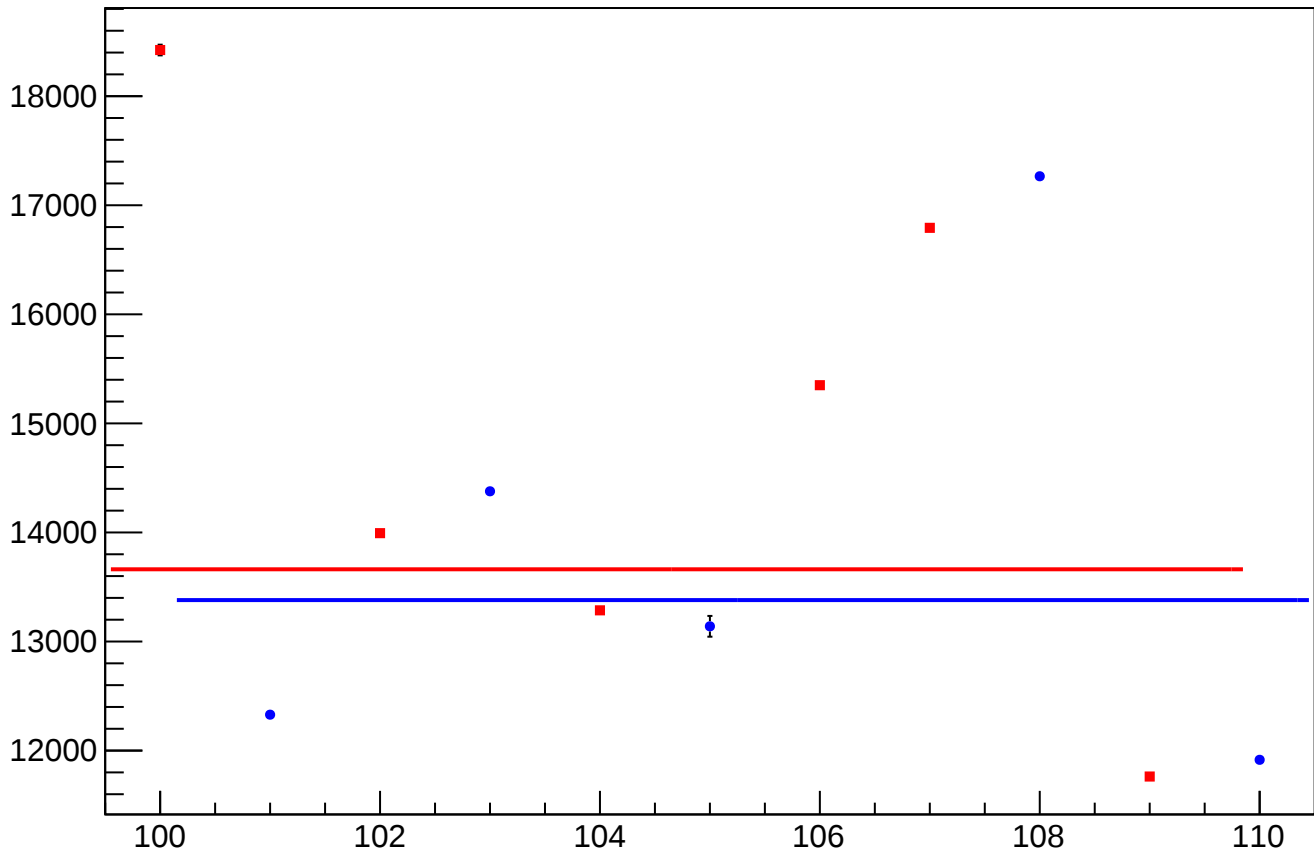
Right Out: -9.432+/-9.148 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.571+/-9.820 χ^2/NDF : 10.1/4

-9.432+/-9.148 χ^2/NDF : 4.0/5

diff_bpm4eX_rms vs slug



Right In: 13379.869 $\pm$ 6.943 χ^2 /NDF: 62741.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

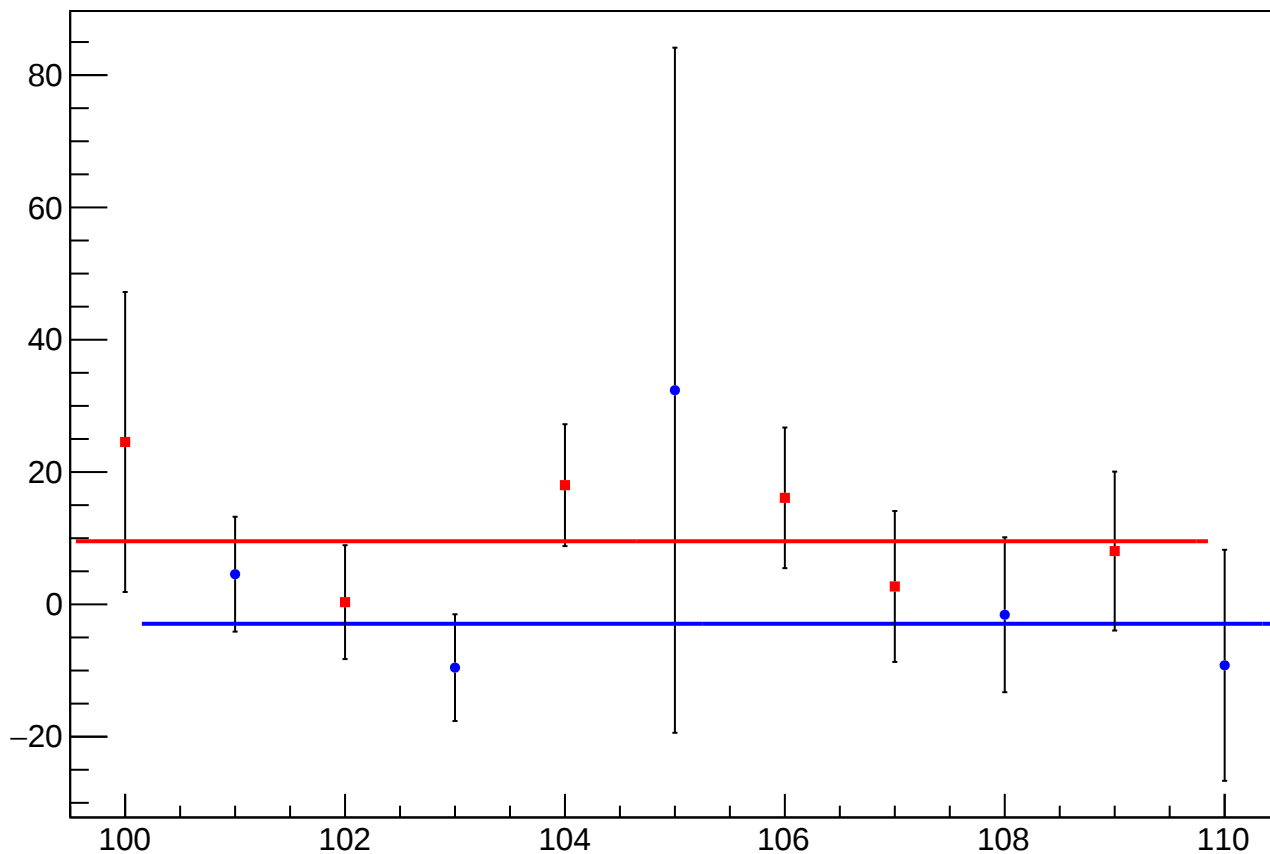
13379.869 $\pm$ 6.943 χ^2 /NDF: 62741.7/4

Right Out: 13662.218 $\pm$ 6.469 χ^2 /NDF: 69116.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

13662.218 $\pm$ 6.469 χ^2 /NDF: 69116.2/5

diff_bpm4eY_mean vs slug



Right In: -2.930+/-5.026 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

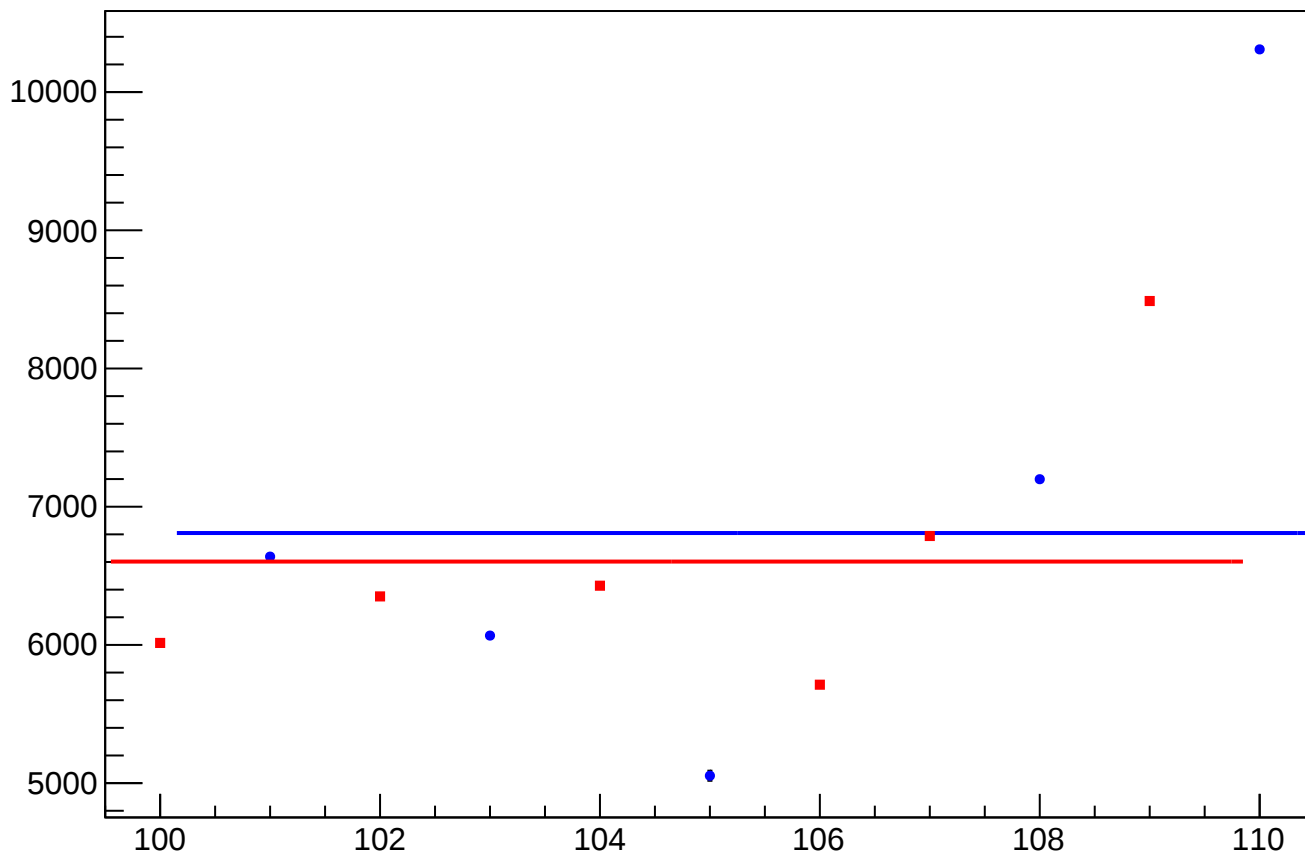
Right Out: 9.541+/-4.441 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.930+/-5.026 χ^2/NDF : 2.0/4

9.541+/-4.441 χ^2/NDF : 3.2/5

diff_bpm4eY_rms vs slug



Right In: 6809.626 $\pm$ 3.554 χ^2 /NDF: 102567.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

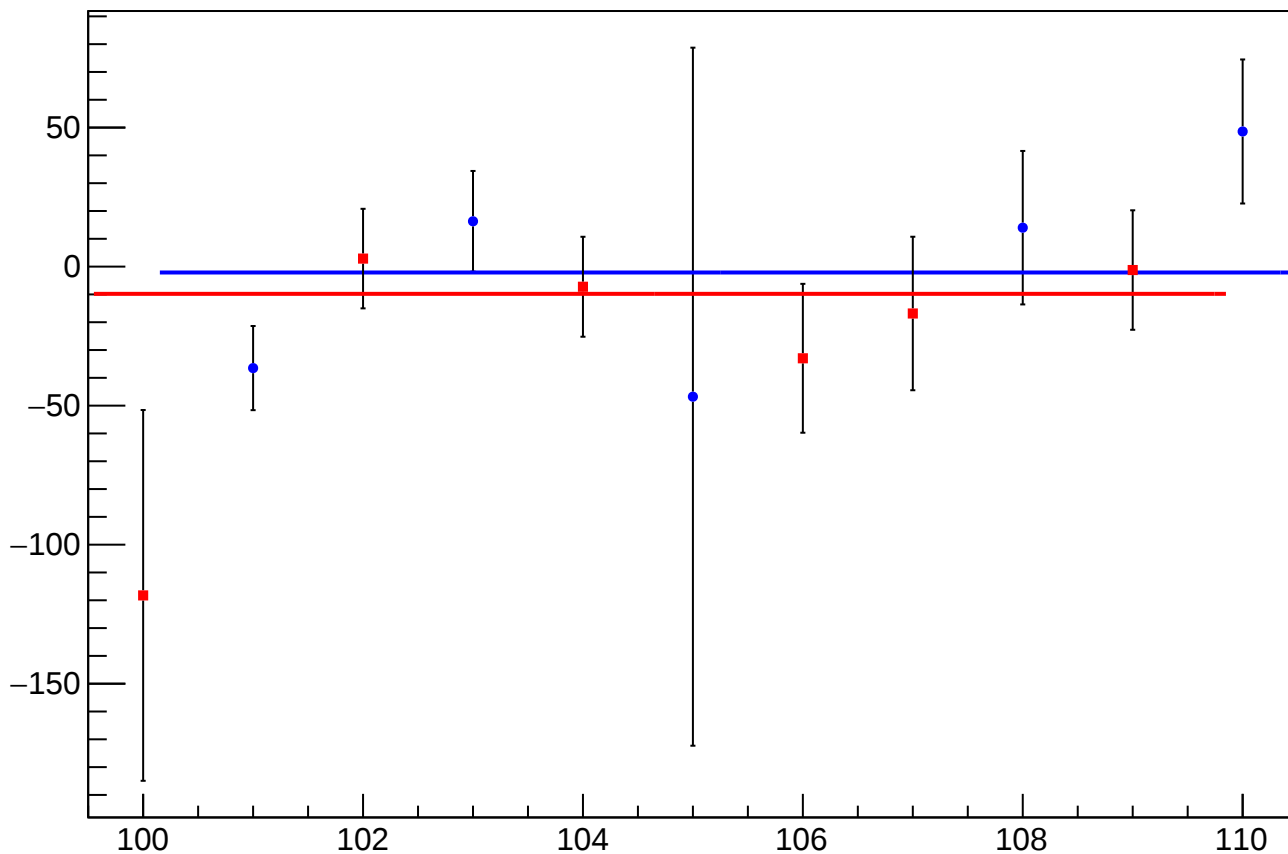
Right Out: 6603.106 $\pm$ 3.140 χ^2 /NDF: 67642.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6809.626 $\pm$ 3.554 χ^2 /NDF: 102567.0/4

6603.106 $\pm$ 3.140 χ^2 /NDF: 67642.4/5

diff_bpm4acX_mean vs slug



Right In: -2.117+/-9.859 χ^2/NDF : 10.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

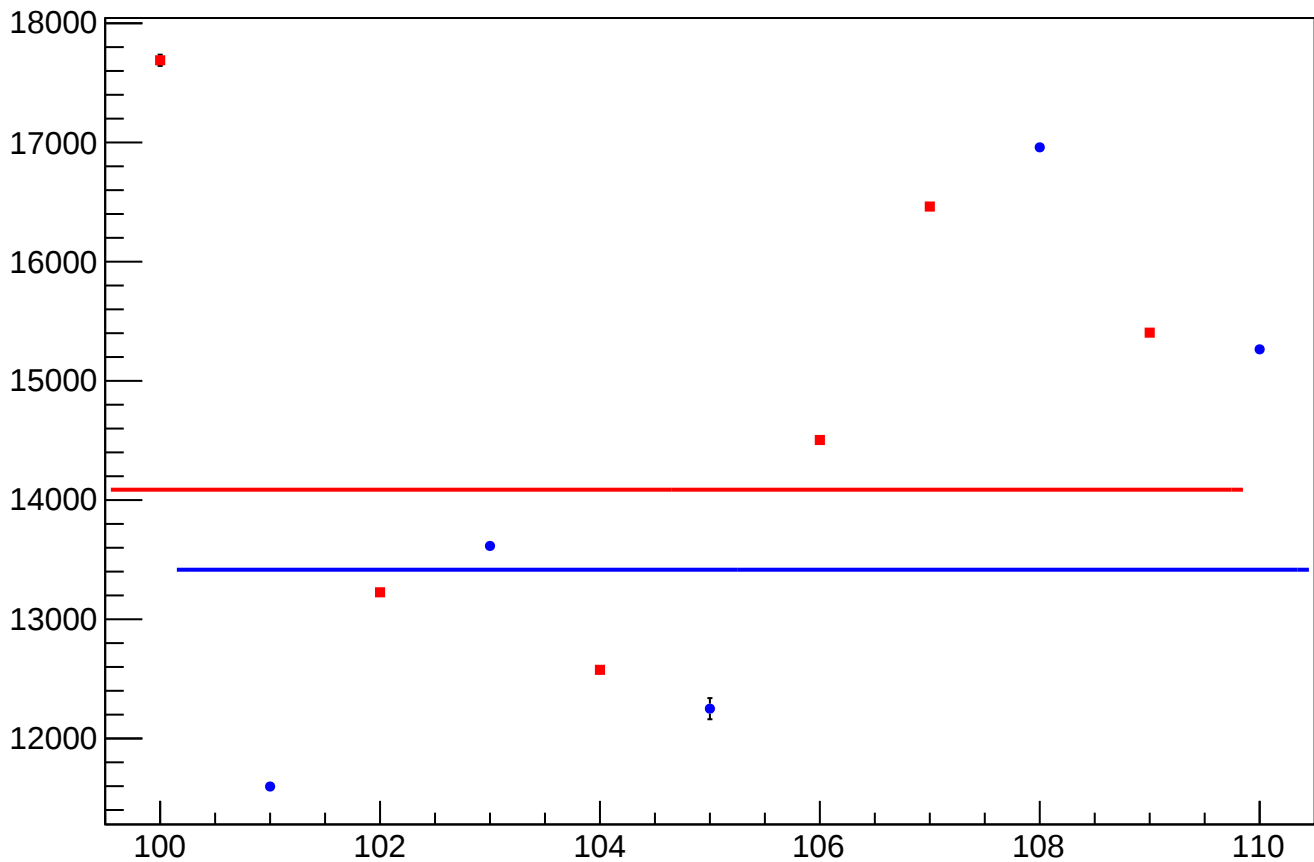
Right Out: -9.795+/-9.401 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.117+/-9.859 χ^2/NDF : 10.5/4

-9.795+/-9.401 χ^2/NDF : 4.1/5

diff_bpm4acX_rms vs slug



Right In: 13415.721+/-6.971 χ^2/NDF : 72474.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

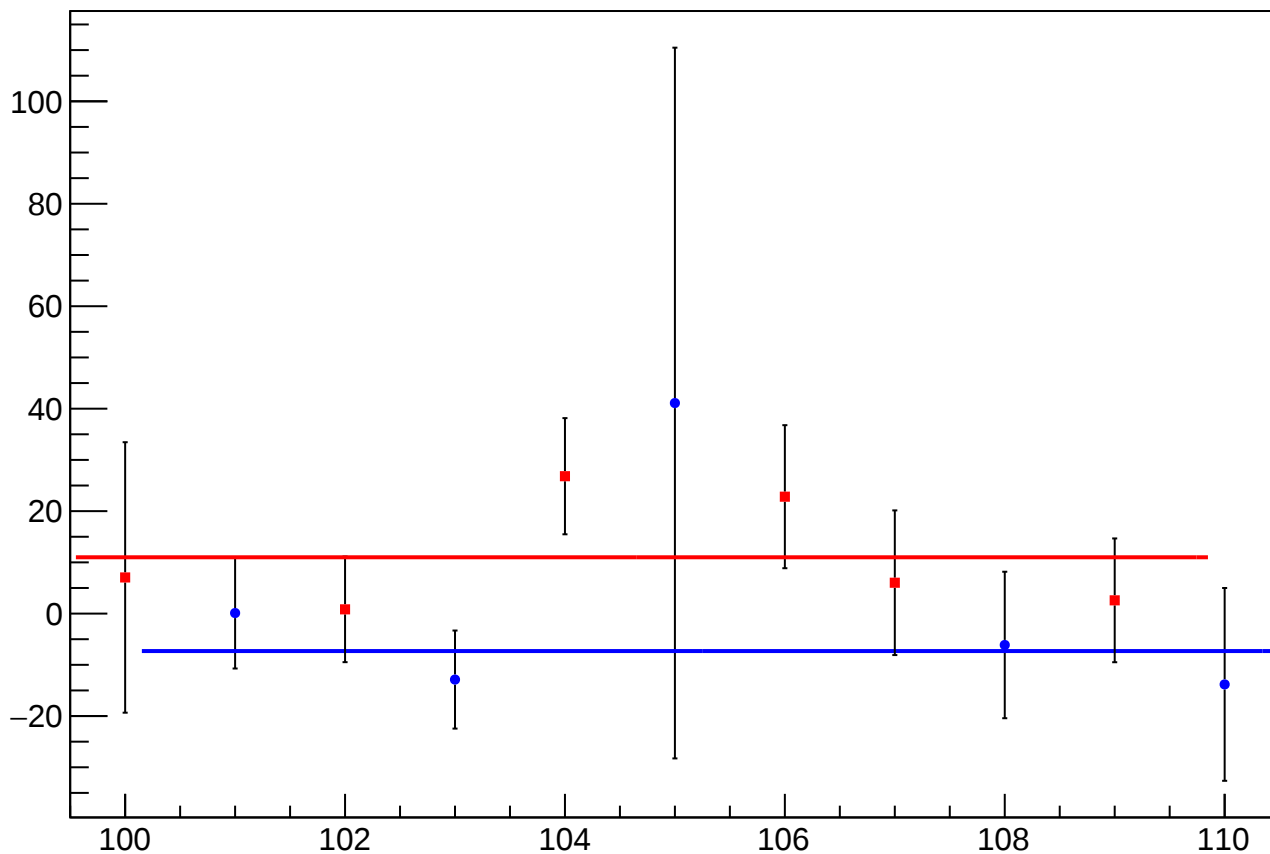
13415.721+/-6.971 χ^2/NDF : 72474.4/4

Right Out: 14087.111+/-6.647 χ^2/NDF : 47418.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14087.111+/-6.647 χ^2/NDF : 47418.8/5

diff_bpm4acY_mean vs slug



Right In: -7.312 $\pm$ 6.045 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

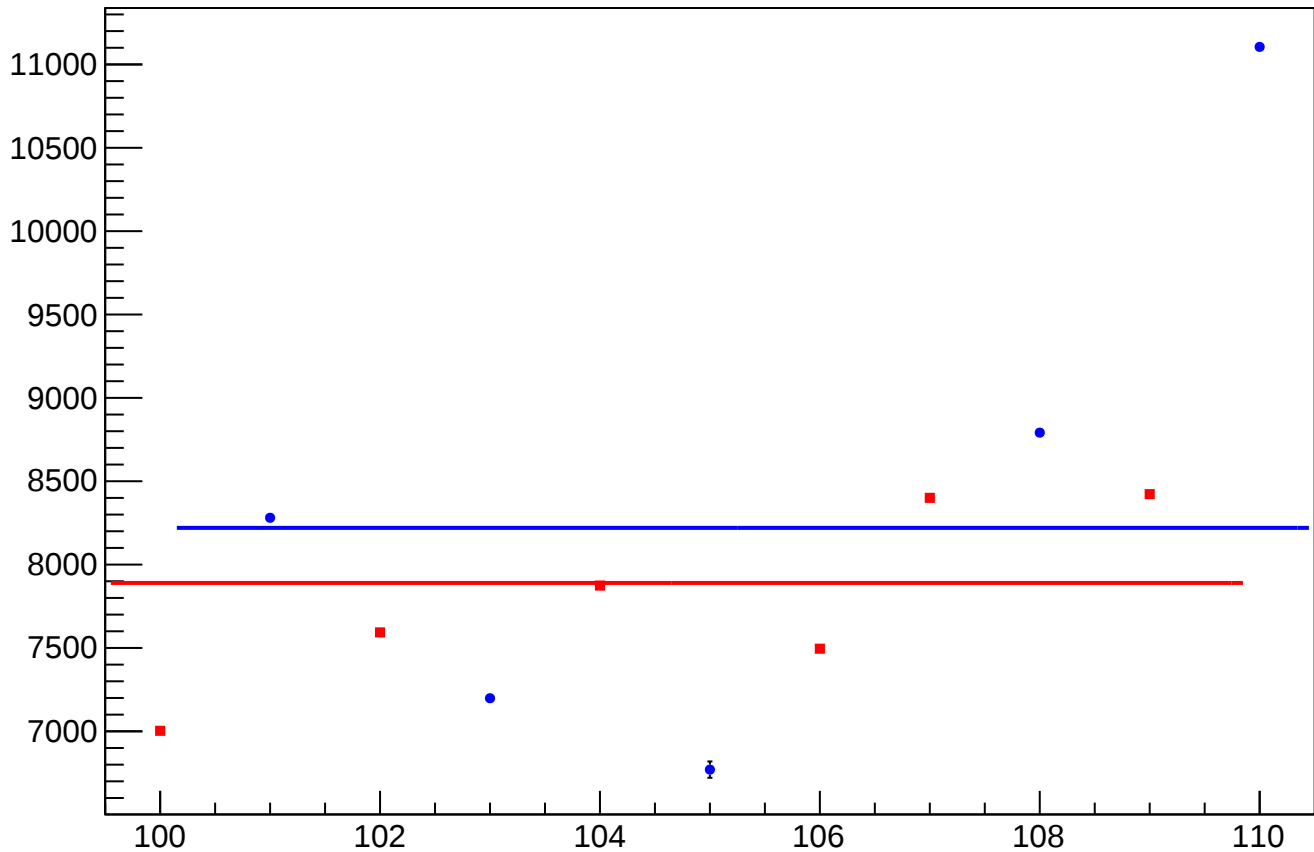
Right Out: 10.993 $\pm$ 5.299 χ^2 /NDF: 4.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-7.312 $\pm$ 6.045 χ^2 /NDF: 1.4/4

10.993 $\pm$ 5.299 χ^2 /NDF: 4.3/5

diff_bpm4acY_rms vs slug



Right In: 8220.307 $\pm$ 4.274 χ^2 /NDF: 73934.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

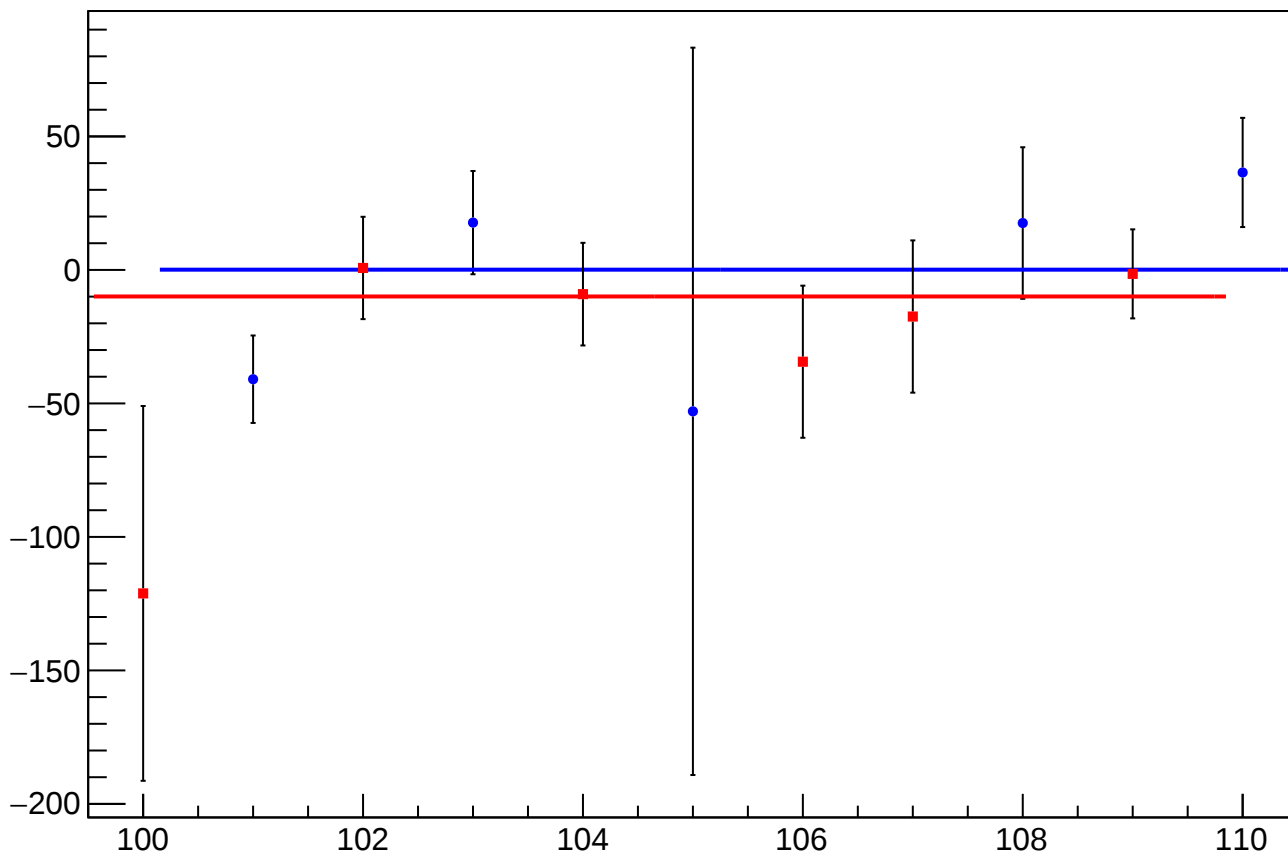
8220.307 $\pm$ 4.274 χ^2 /NDF: 73934.5/4

Right Out: 7889.954 $\pm$ 3.747 χ^2 /NDF: 12014.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7889.954 $\pm$ 3.747 χ^2 /NDF: 12014.4/5

diff_bpm4ecX_mean vs slug



Right In: 0.097+/-9.956 χ^2/NDF : 10.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

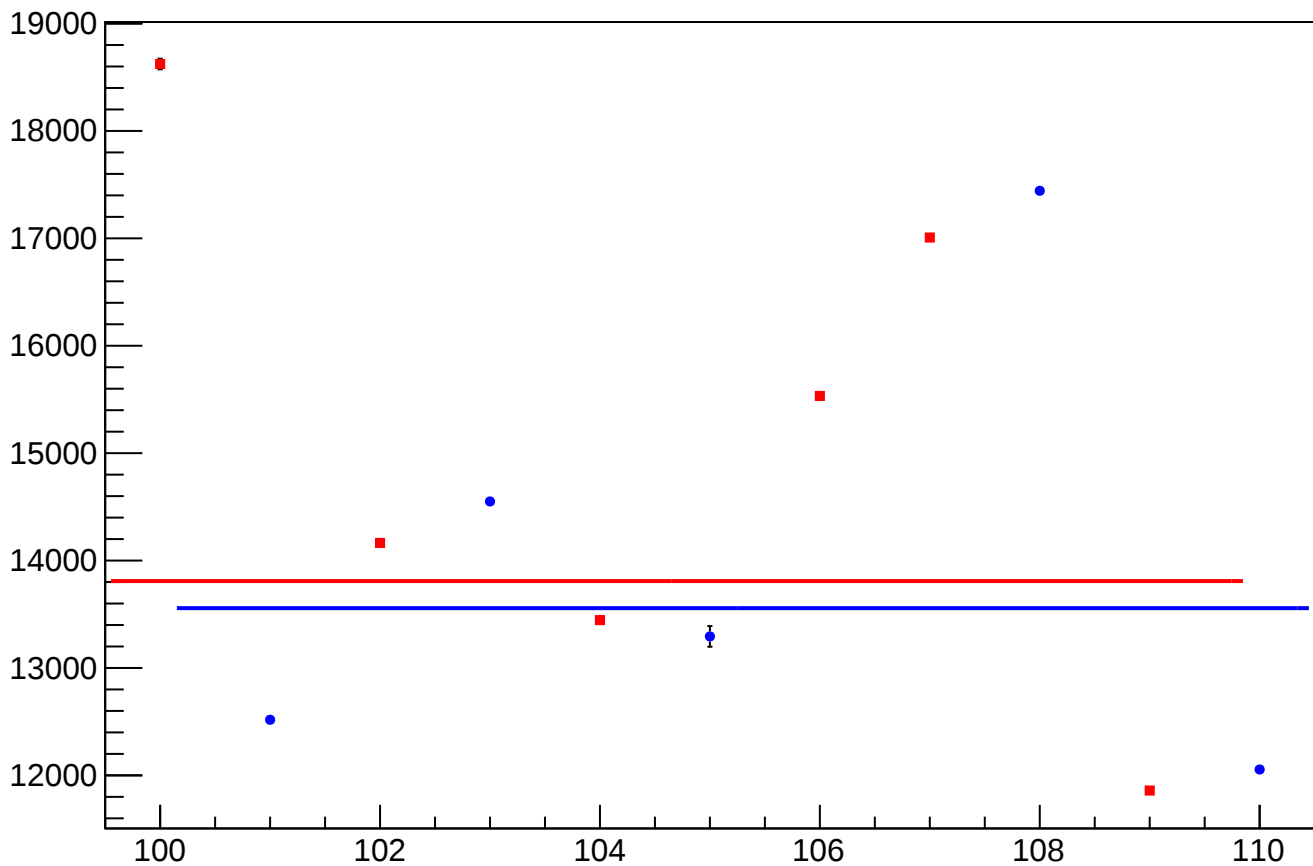
Right Out: -9.945+/-9.248 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.097+/-9.956 χ^2/NDF : 10.8/4

-9.945+/-9.248 χ^2/NDF : 3.9/5

diff_bpm4ecX_rms vs slug



Right In: 13557.000+/-7.040 χ^2/NDF : 61617.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

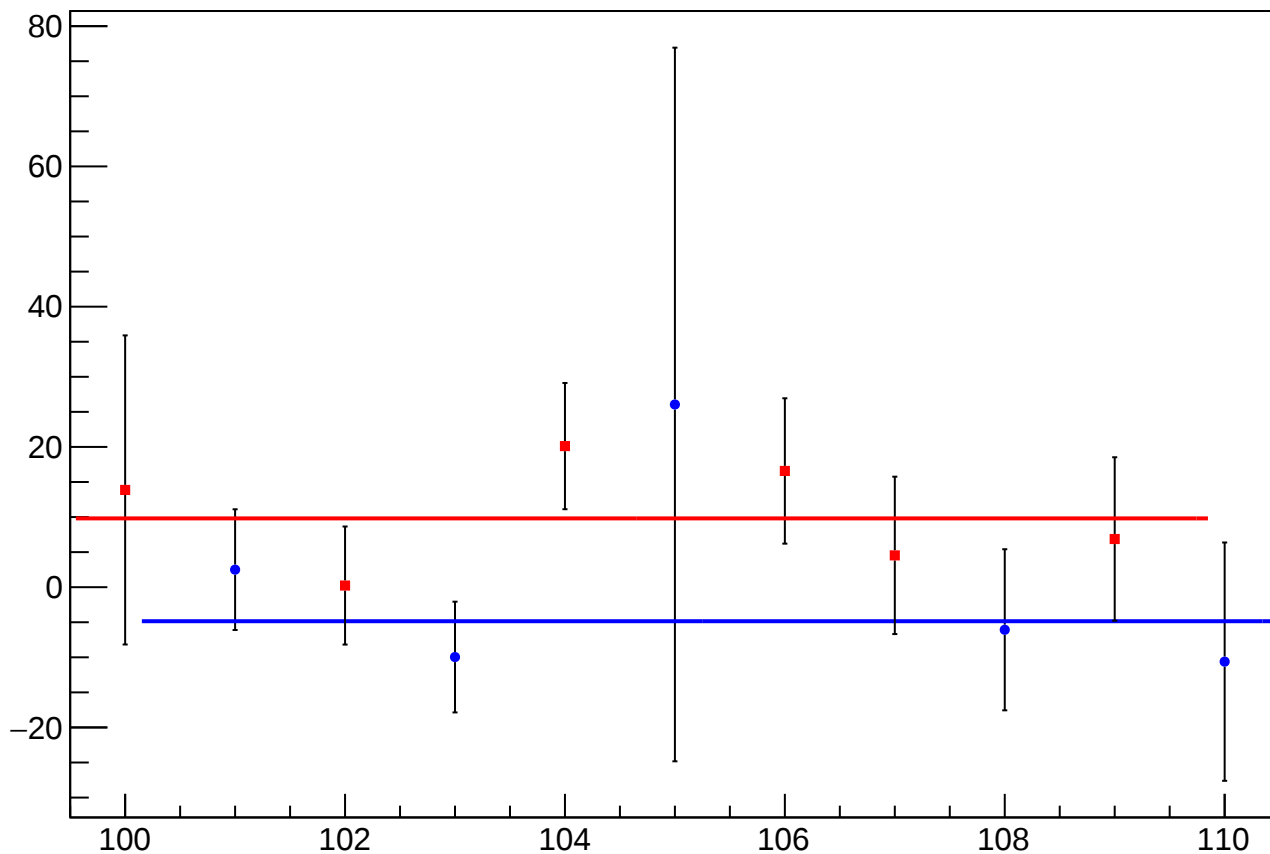
Right Out: 13809.205+/-6.539 χ^2/NDF : 70655.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13557.000+/-7.040 χ^2/NDF : 61617.9/4

13809.205+/-6.539 χ^2/NDF : 70655.6/5

diff_bpm4ecY_mean vs slug



Right In: -4.852+/-4.940 χ^2 /NDF: 1.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

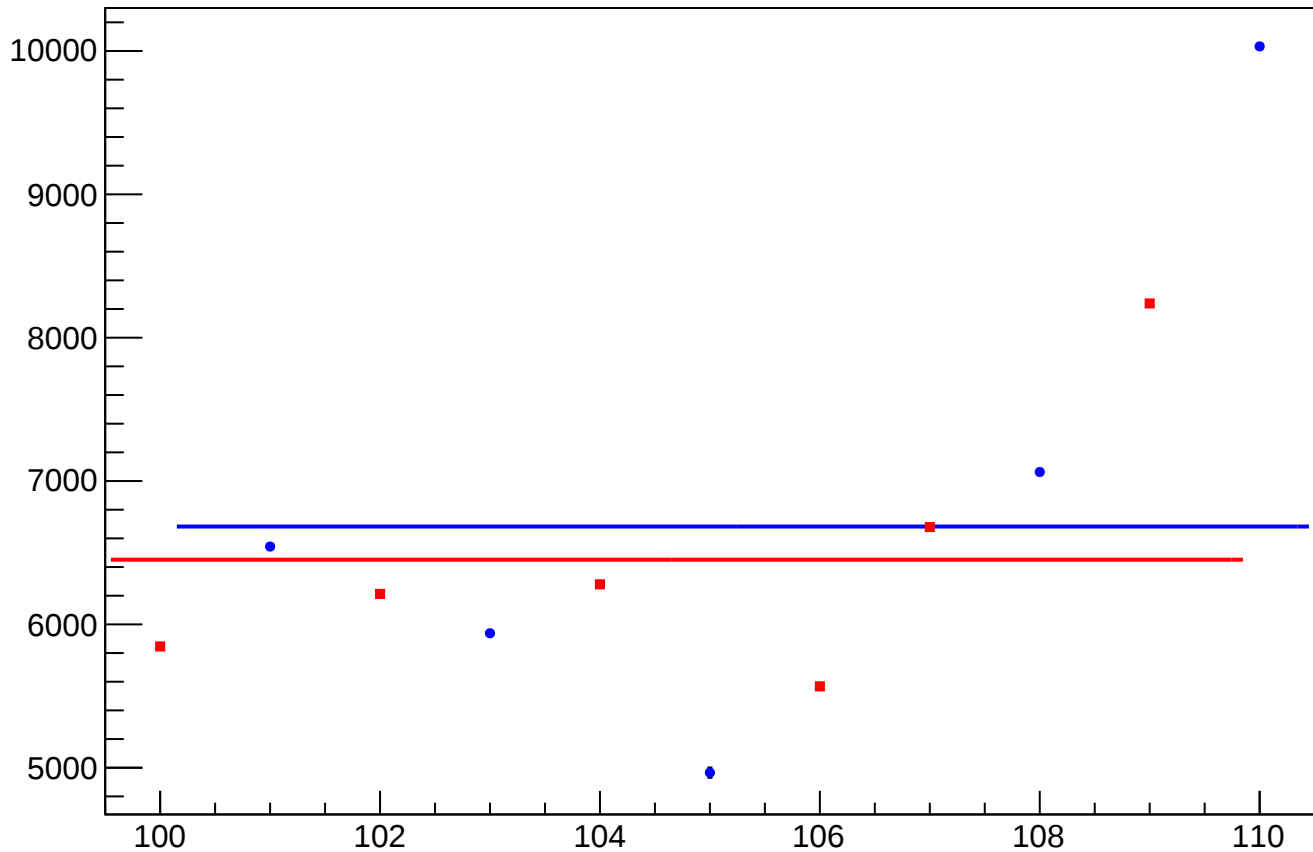
Right Out: 9.808+/-4.338 χ^2 /NDF: 3.3/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4.852+/-4.940 χ^2 /NDF: 1.6/4

9.808+/-4.338 χ^2 /NDF: 3.3/5

diff_bpm4ecY_rms vs slug



Right In: 6682.528 $\pm$ 3.493 χ^2 /NDF: 100513.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

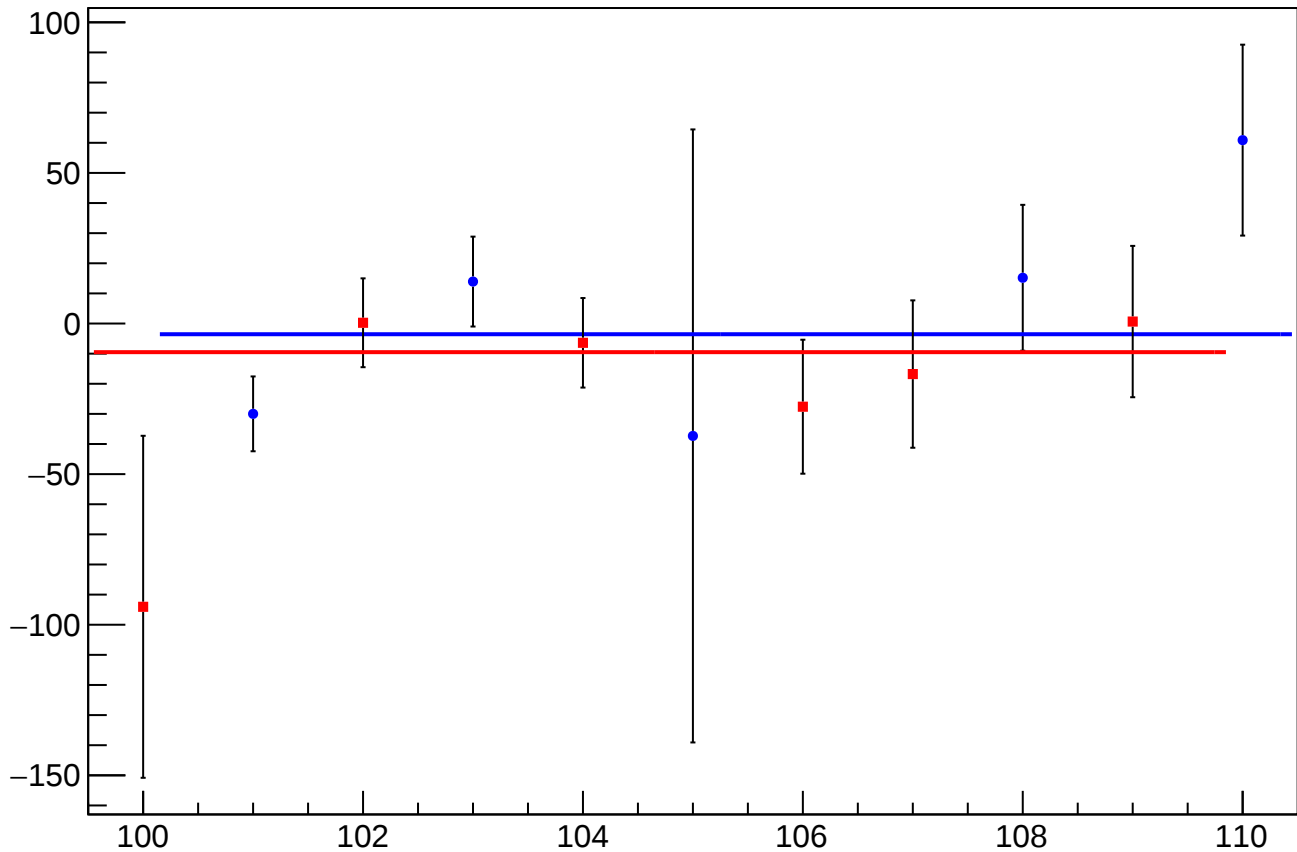
6682.528 $\pm$ 3.493 χ^2 /NDF: 100513.0/4

Right Out: 6451.314 $\pm$ 3.068 χ^2 /NDF: 66239.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6451.314 $\pm$ 3.068 χ^2 /NDF: 66239.0/5

diff_bpm1X_mean vs slug



Right In: -3.553+/-8.522 χ^2/NDF : 10.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

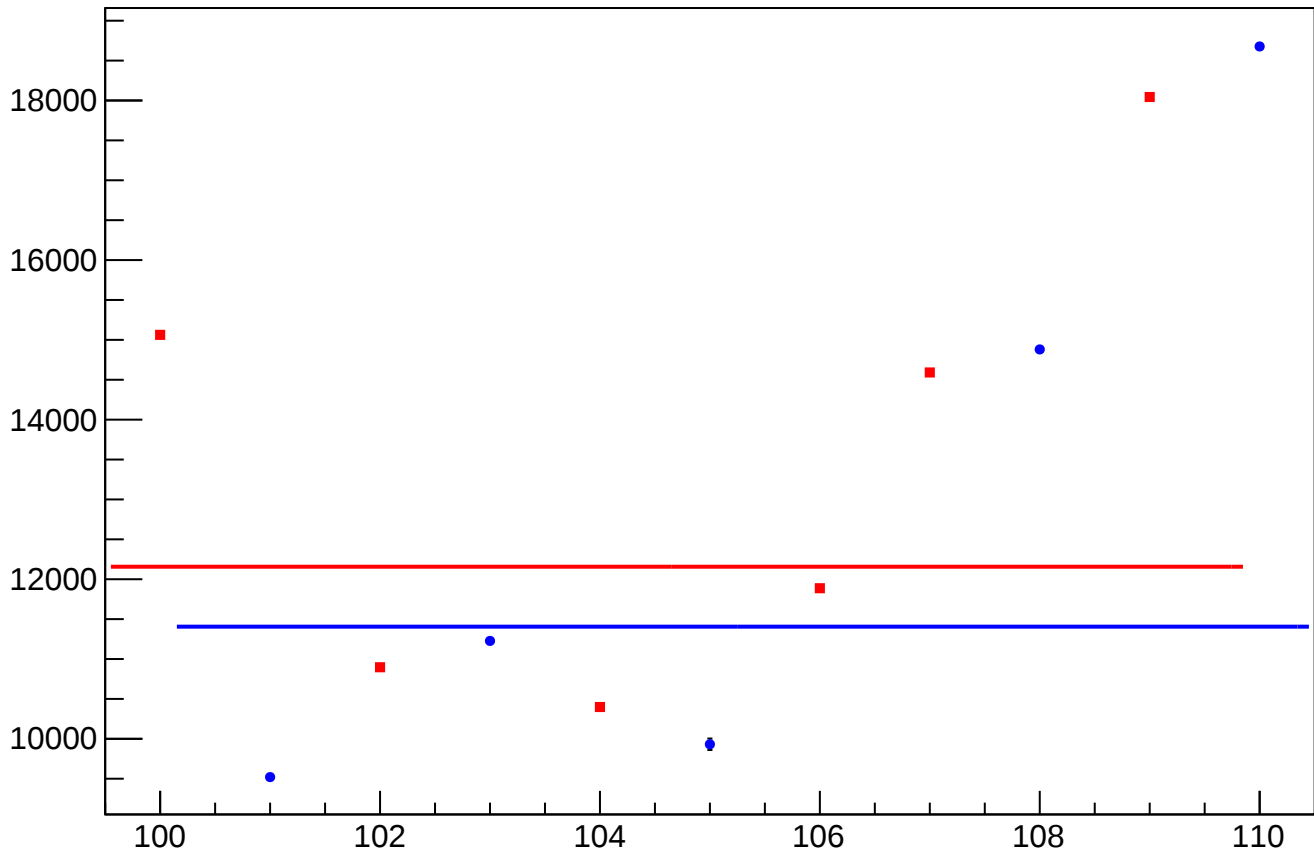
Right Out: -9.505+/-8.245 χ^2/NDF : 3.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.553+/-8.522 χ^2/NDF : 10.7/4

-9.505+/-8.245 χ^2/NDF : 3.6/5

diff_bpm1X_rms vs slug



Right In: 11405.559+/-6.026 χ^2/NDF : 193254.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

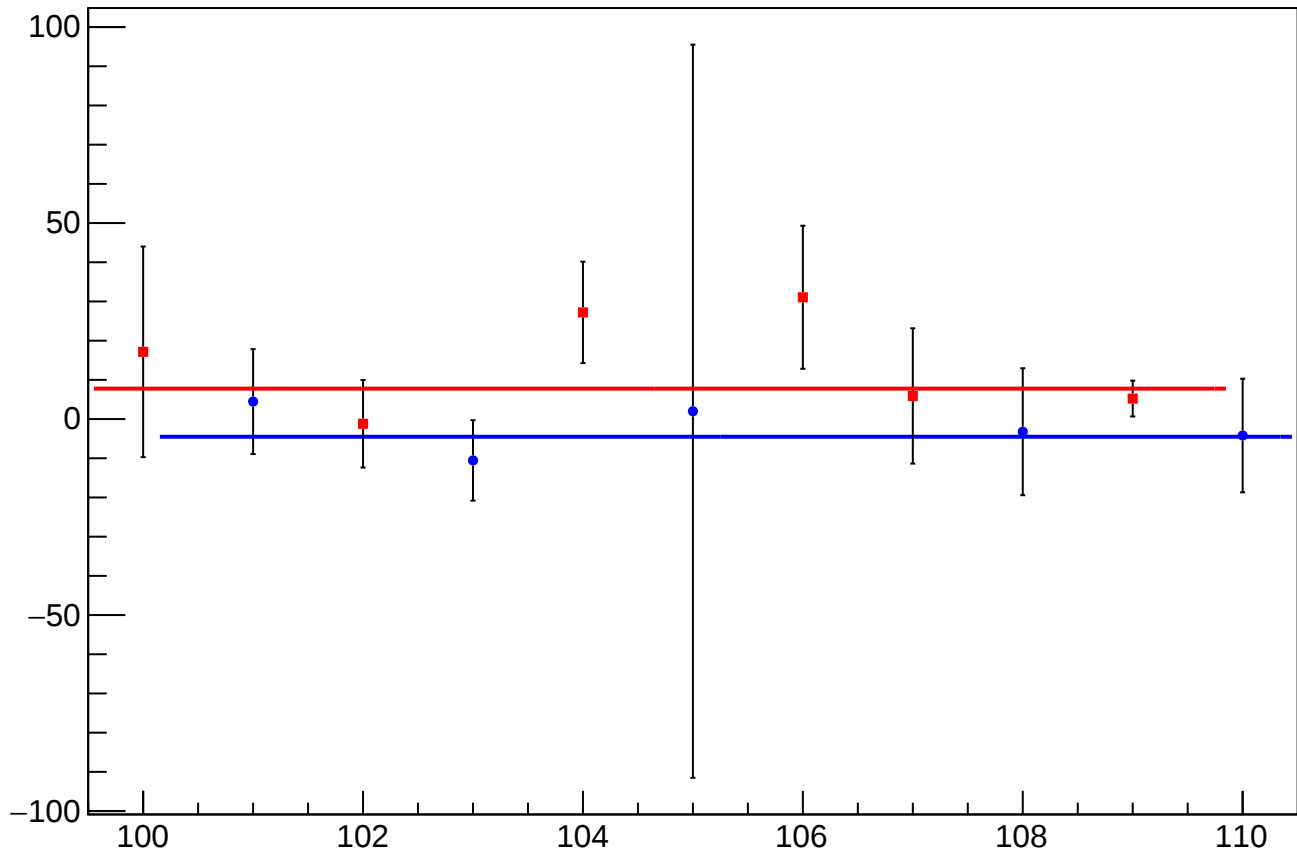
11405.559+/-6.026 χ^2/NDF : 193254.0/4

Right Out: 12156.845+/-5.830 χ^2/NDF : 177730.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12156.845+/-5.830 χ^2/NDF : 177730.7/5

diff_bpm1Y_mean vs slug



Right In: -4.512+/-6.485 χ^2/NDF : 0.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

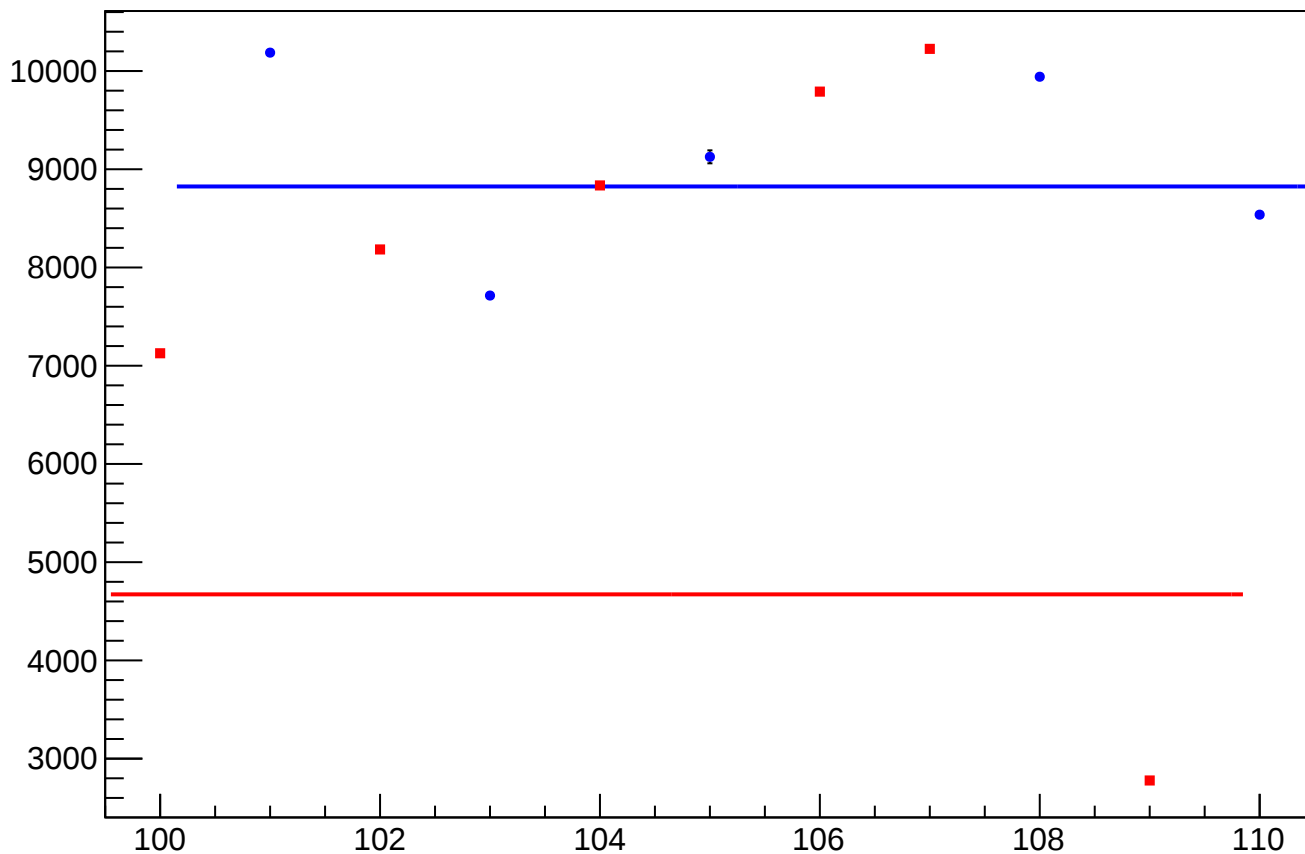
Right Out: 7.766+/-3.794 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.512+/-6.485 χ^2/NDF : 0.8/4

7.766+/-3.794 χ^2/NDF : 5.0/5

diff_bpm1Y_rms vs slug



Right In: 8824.744+/-4.586 χ^2/NDF : 54506.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

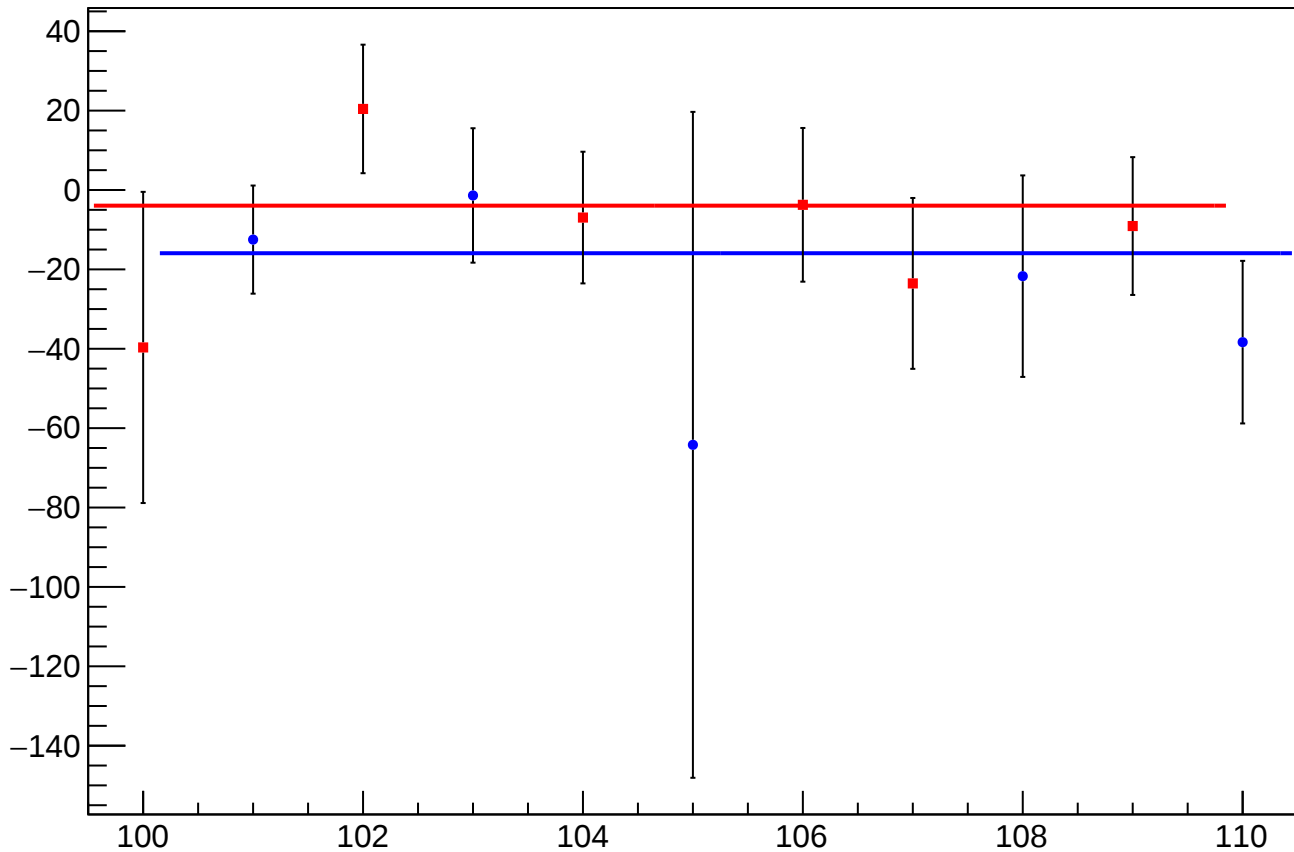
Right Out: 4672.412+/-2.683 χ^2/NDF : 1128428.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8824.744+/-4.586 χ^2/NDF : 54506.4/4

4672.412+/-2.683 χ^2/NDF : 1128428.4/5

diff_bpm11X_mean vs slug



Right In: -15.927 $\pm$ 8.786 χ^2 /NDF: 2.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

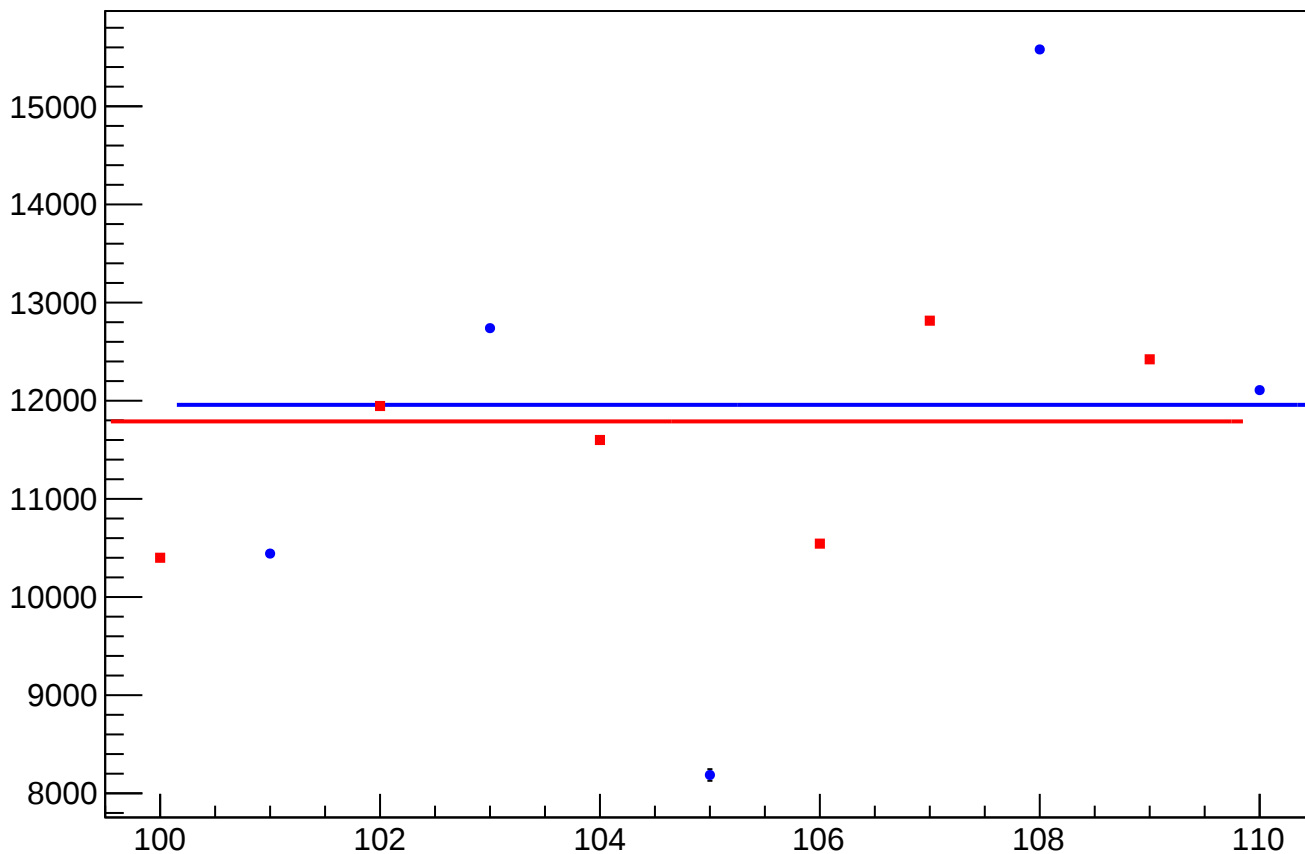
Right Out: -3.944 $\pm$ 7.846 χ^2 /NDF: 4.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-15.927 $\pm$ 8.786 χ^2 /NDF: 2.4/4

-3.944 $\pm$ 7.846 χ^2 /NDF: 4.0/5

diff_bpm11X_rms vs slug



Right In: 11958.060 $\pm$ 6.212 χ^2 /NDF: 73863.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

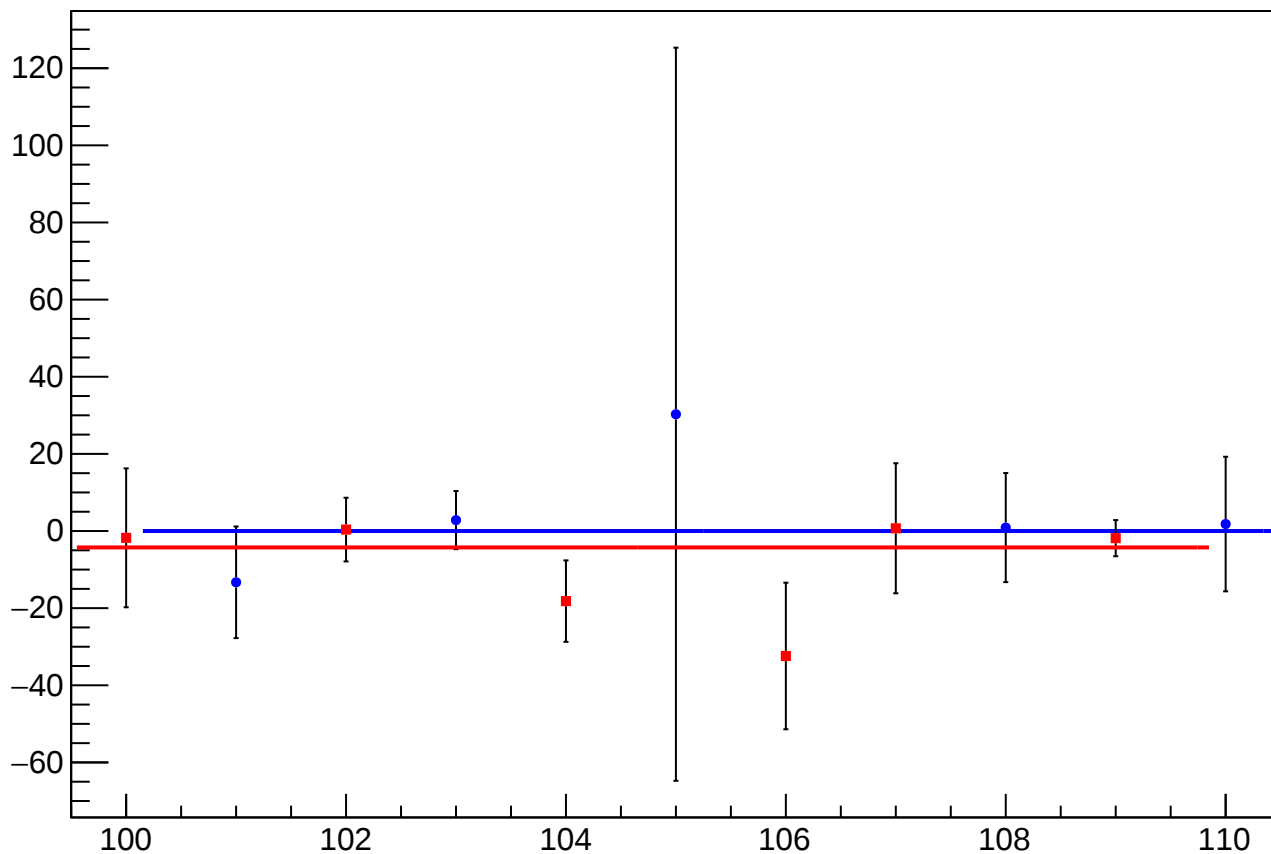
Right Out: 11789.310 $\pm$ 5.548 χ^2 /NDF: 18437.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11958.060 $\pm$ 6.212 χ^2 /NDF: 73863.2/4

11789.310 $\pm$ 5.548 χ^2 /NDF: 18437.5/5

diff_bpm11Y_mean vs slug



Right In: 0.001 $\pm$ 5.701 χ^2 /NDF: 1.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

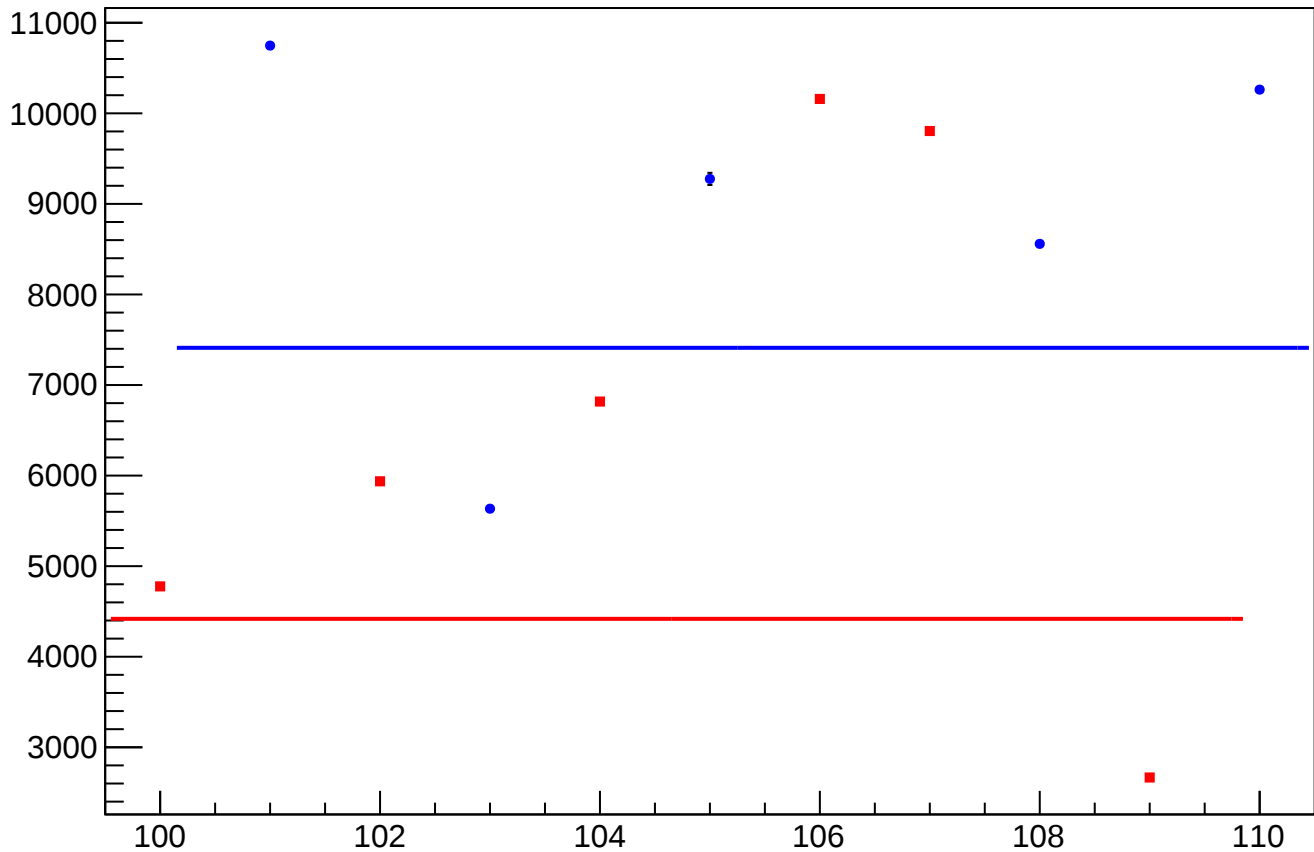
Right Out: -4.258 $\pm$ 3.569 χ^2 /NDF: 4.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.001 $\pm$ 5.701 χ^2 /NDF: 1.1/4

-4.258 $\pm$ 3.569 χ^2 /NDF: 4.6/5

diff_bpm11Y_rms vs slug



Right In: 7410.919+/-4.031 χ^2/NDF : 284819.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

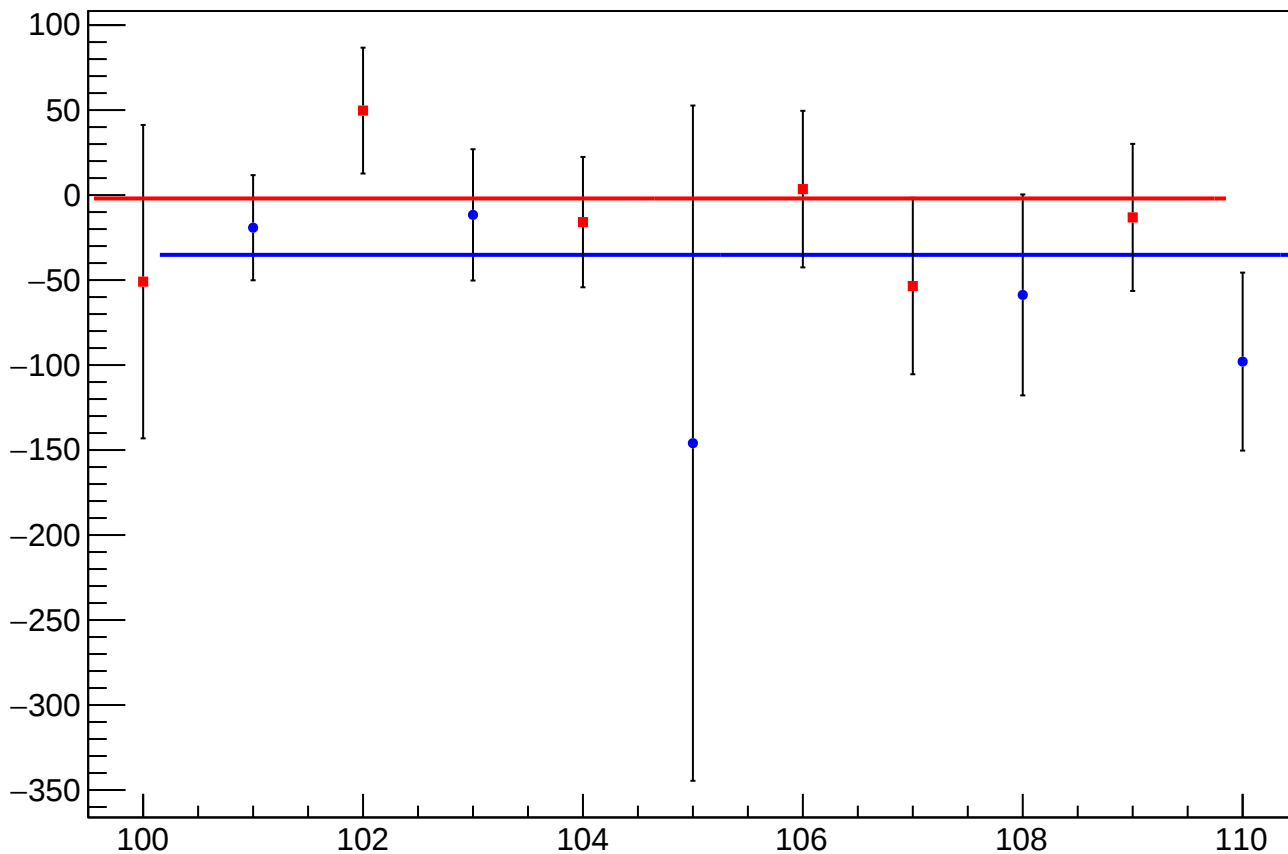
7410.919+/-4.031 χ^2/NDF : 284819.9/4

Right Out: 4418.355+/-2.524 χ^2/NDF : 837588.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4418.355+/-2.524 χ^2/NDF : 837588.5/5

diff_bpm12X_mean vs slug



Right In: -35.174 ± 20.445 χ^2/NDF : 2.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

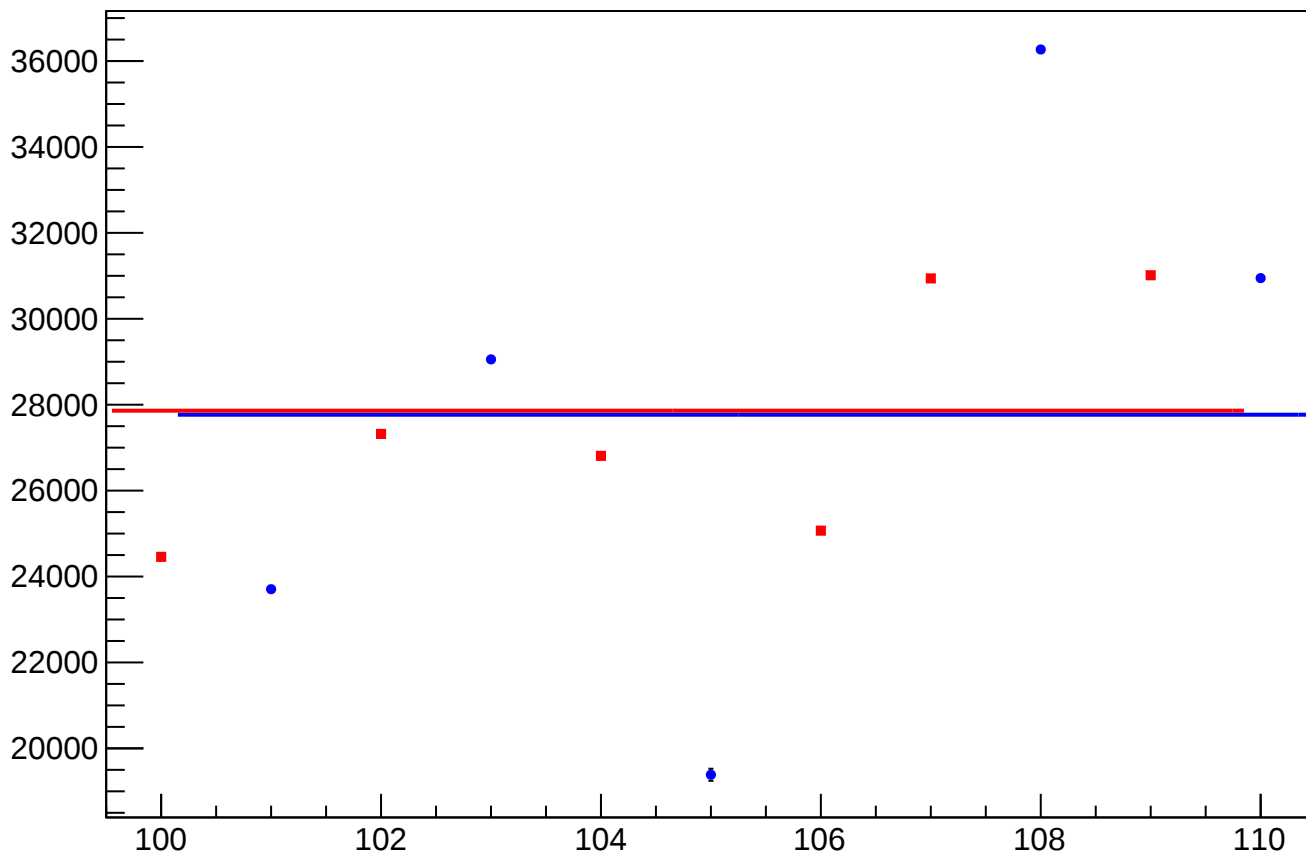
Right Out: -1.993 ± 18.554 χ^2/NDF : 3.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-35.174 ± 20.445 χ^2/NDF : 2.5/4

-1.993 ± 18.554 χ^2/NDF : 3.4/5

diff_bpm12X_rms vs slug



Right In: 27767.009 $\pm$ 14.457 χ^2 /NDF: 89037.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

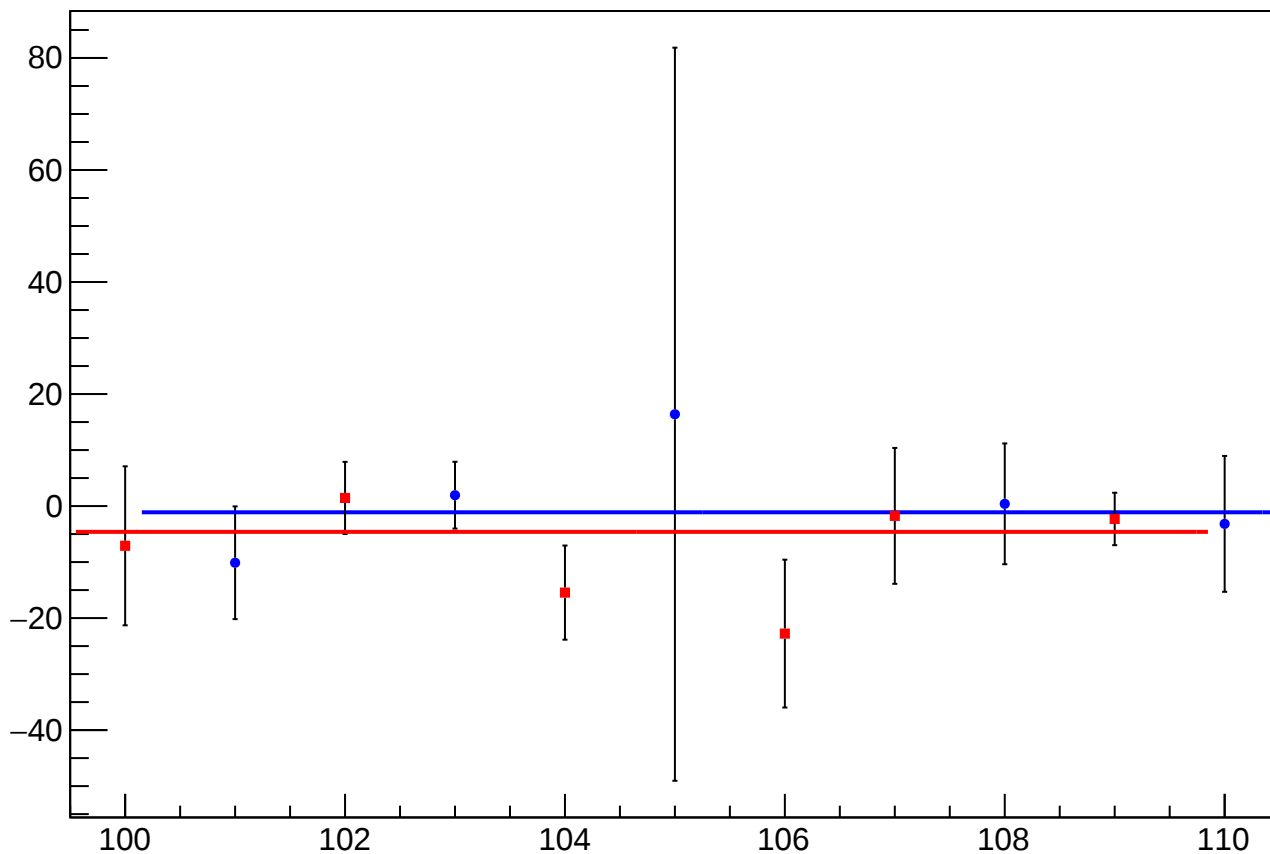
Right Out: 27860.902 $\pm$ 13.120 χ^2 /NDF: 29672.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

27767.009 $\pm$ 14.457 χ^2 /NDF: 89037.2/4

27860.902 $\pm$ 13.120 χ^2 /NDF: 29672.9/5

diff_bpm12Y_mean vs slug



Right In: -1.112 $\pm$ 4.318 χ^2 /NDF: 1.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

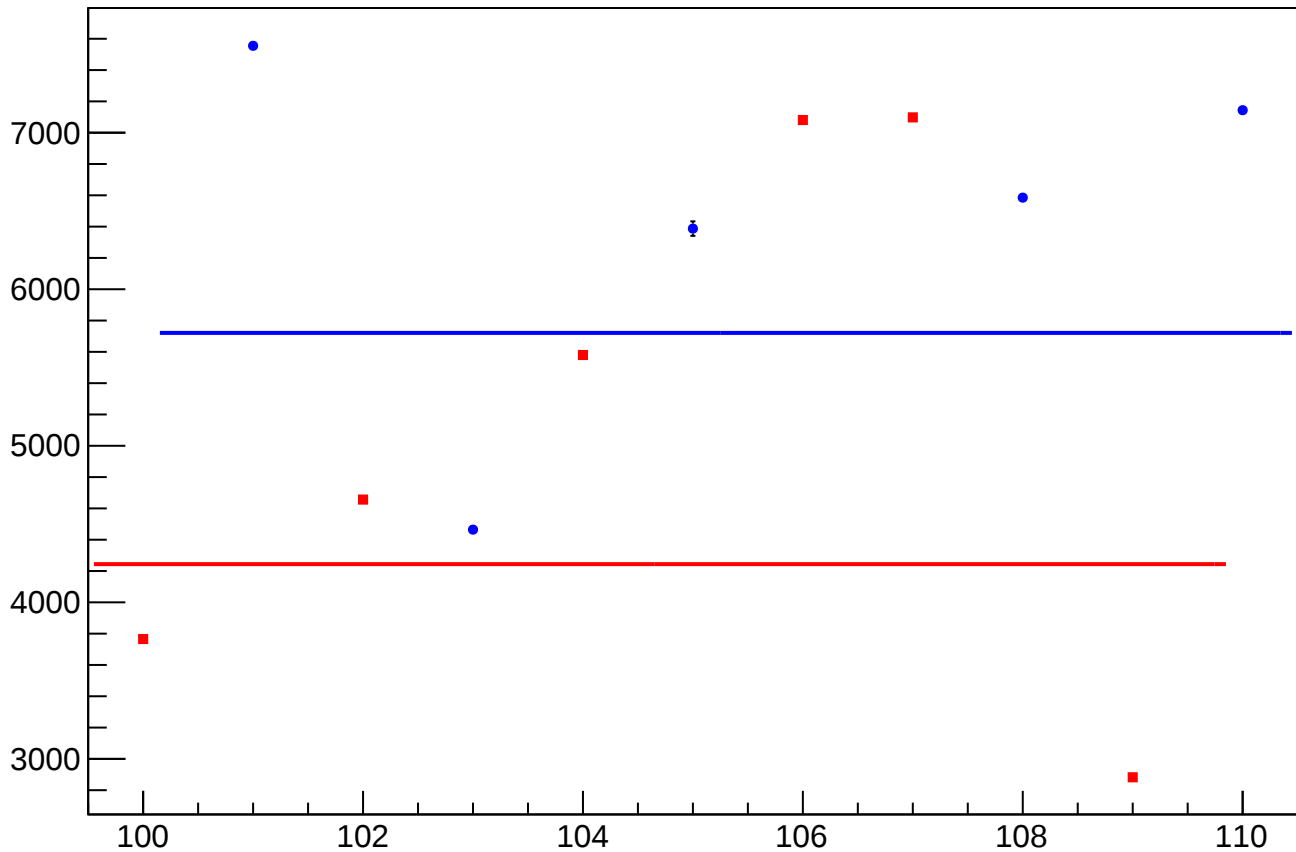
Right Out: -4.606 $\pm$ 3.140 χ^2 /NDF: 4.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1.112 $\pm$ 4.318 χ^2 /NDF: 1.2/4

-4.606 $\pm$ 3.140 χ^2 /NDF: 4.8/5

diff_bpm12Y_rms vs slug



Right In: 5721.134+/-3.053 χ^2/NDF : 195859.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

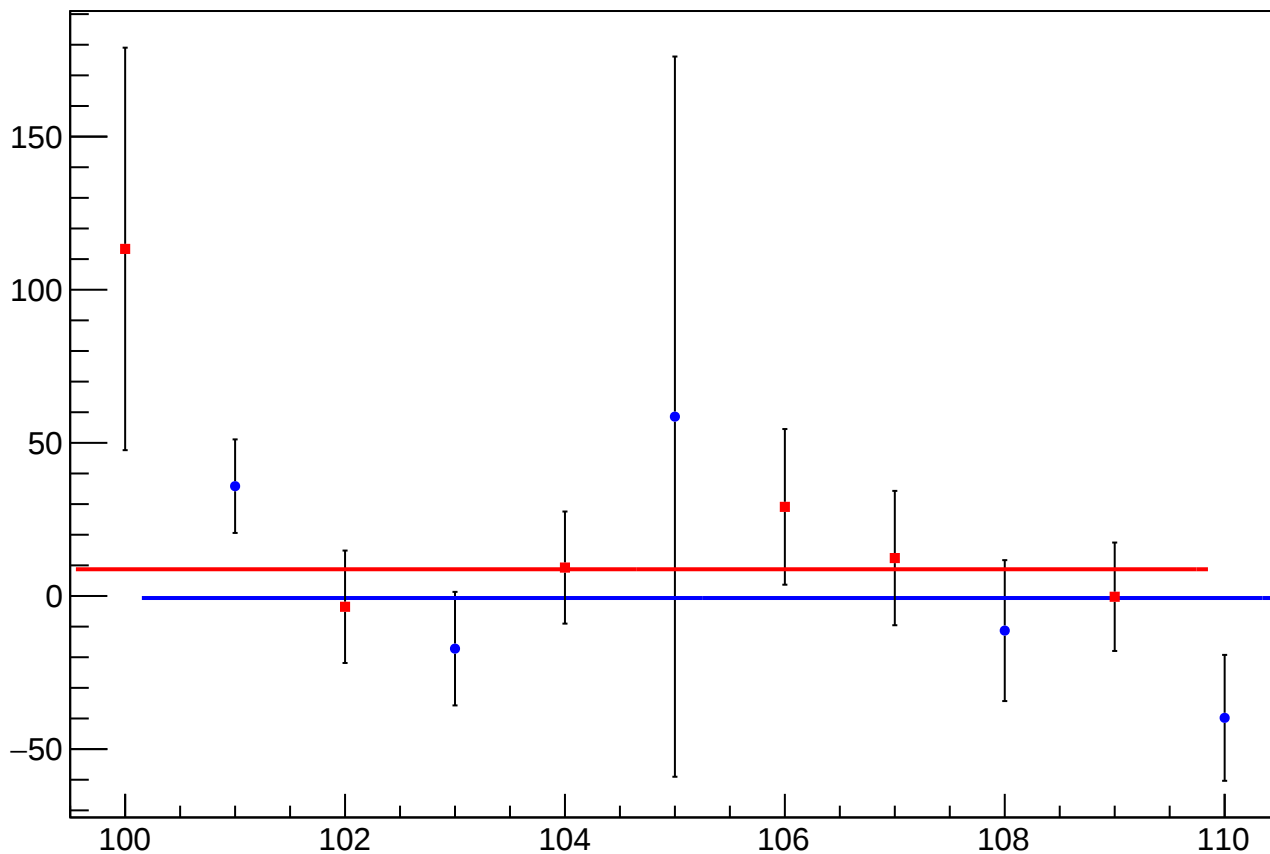
5721.134+/-3.053 χ^2/NDF : 195859.2/4

Right Out: 4244.022+/-2.220 χ^2/NDF : 433433.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4244.022+/-2.220 χ^2/NDF : 433433.5/5

diff_bpm16X_mean vs slug



Right In: -0.663+/-9.315 χ^2 /NDF: 10.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

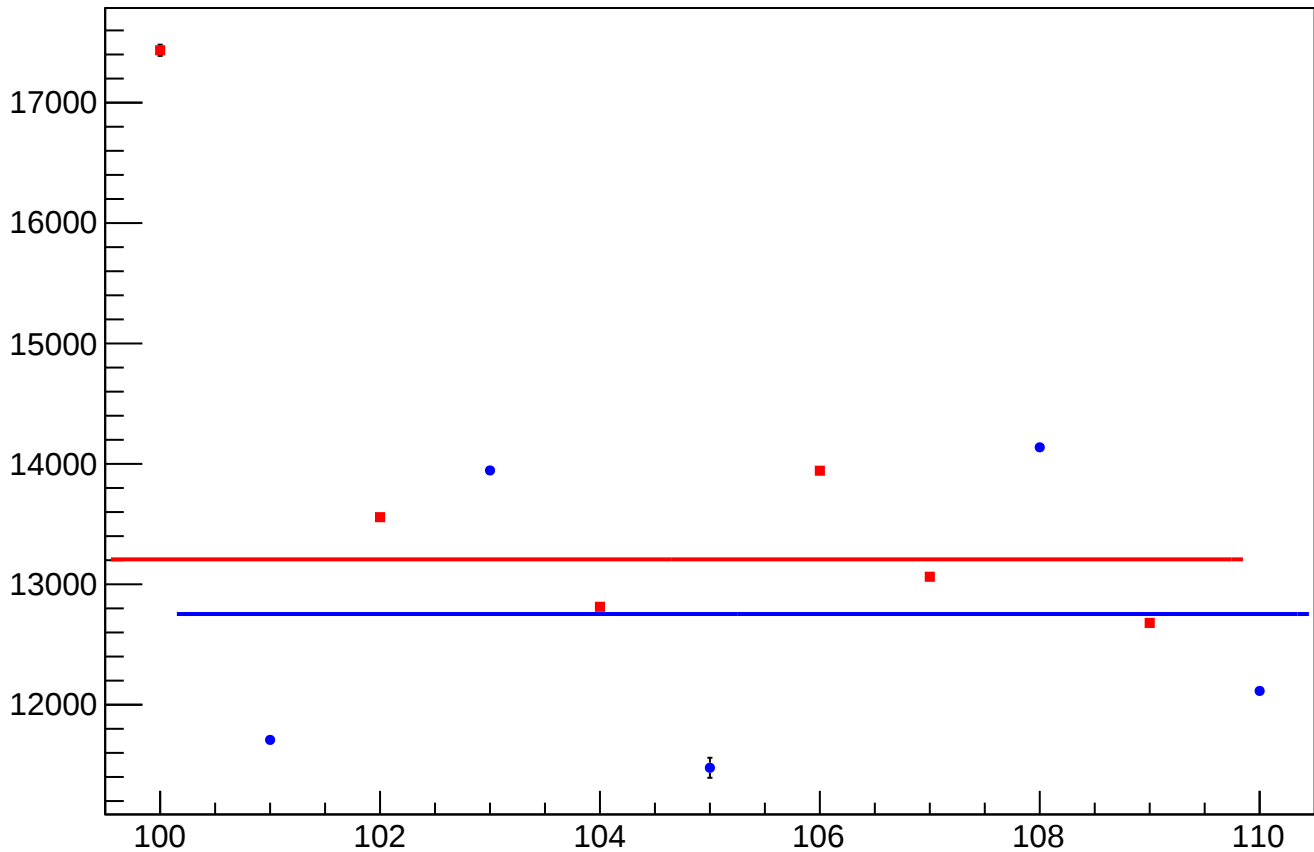
Right Out: 8.726+/-8.769 χ^2 /NDF: 3.9/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.663+/-9.315 χ^2 /NDF: 10.6/4

8.726+/-8.769 χ^2 /NDF: 3.9/5

diff_bpm16X_rms vs slug



Right In: 12753.297+/-6.587 χ^2/NDF : 27052.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

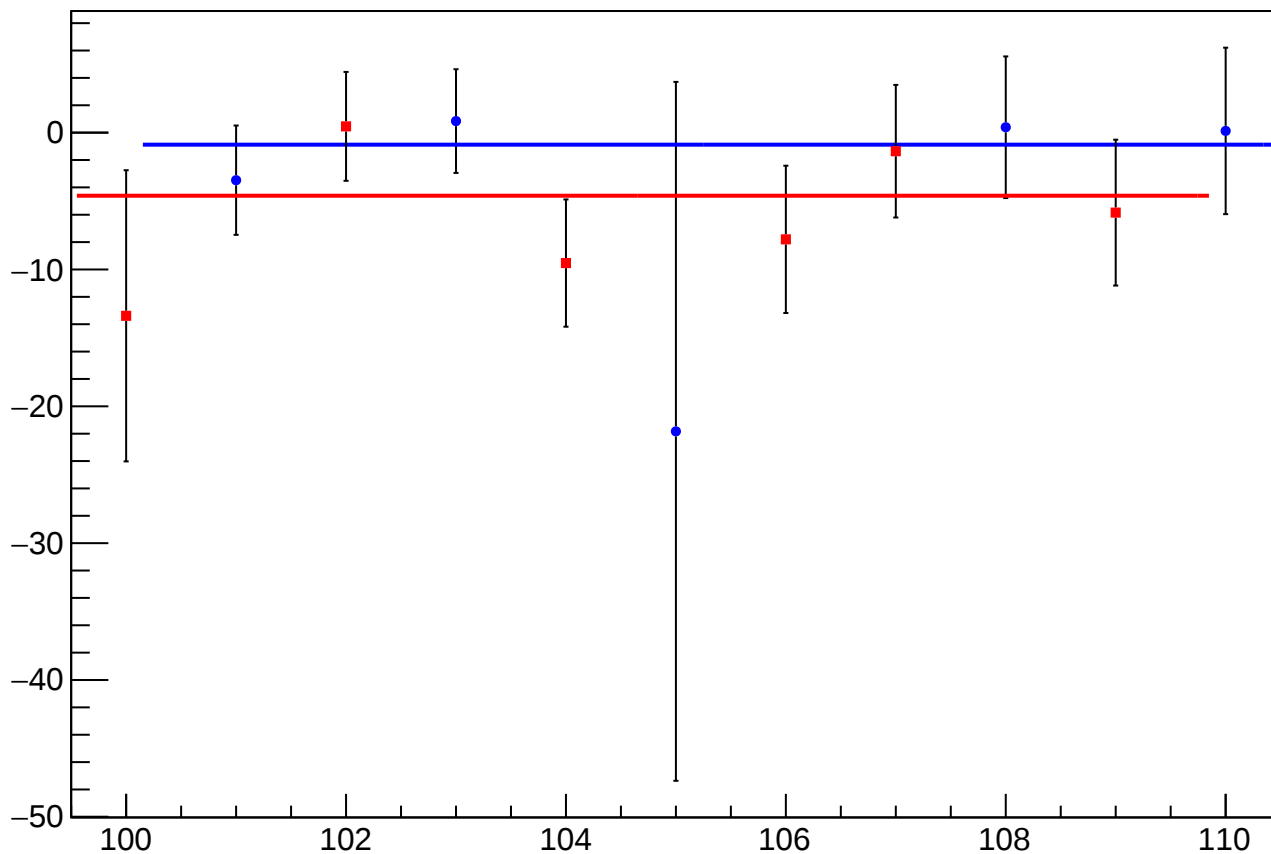
12753.297+/-6.587 χ^2/NDF : 27052.2/4

Right Out: 13207.024+/-6.201 χ^2/NDF : 13476.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13207.024+/-6.201 χ^2/NDF : 13476.2/5

diff_bpm16Y_mean vs slug



Right In: -0.879 ± 2.246 χ^2/NDF : 1.4/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

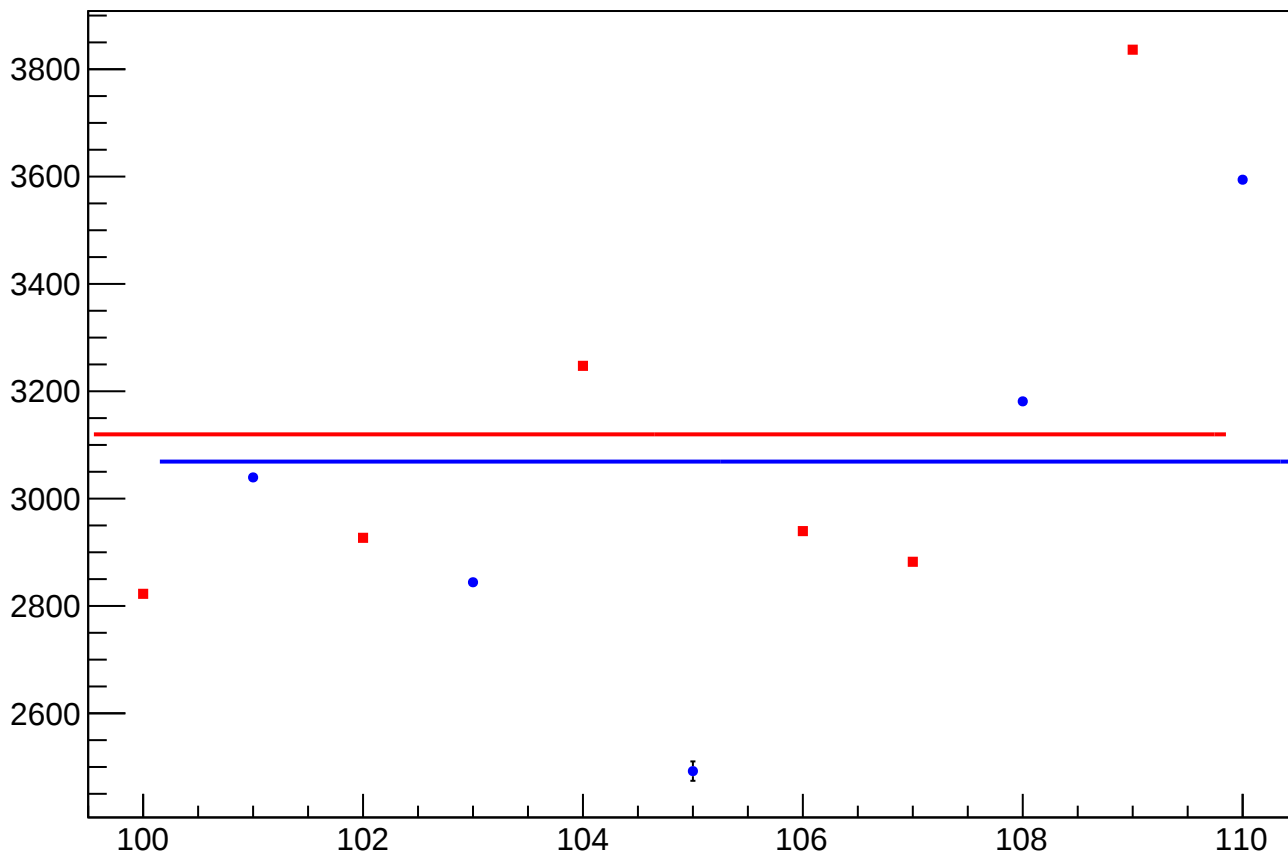
Right Out: -4.610 ± 2.083 χ^2/NDF : 4.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.879 ± 2.246 χ^2/NDF : 1.4/4

-4.610 ± 2.083 χ^2/NDF : 4.3/5

diff_bpm16Y_rms vs slug



Right In: 3069.002 $\pm$ 1.588 χ^2 /NDF: 24018.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

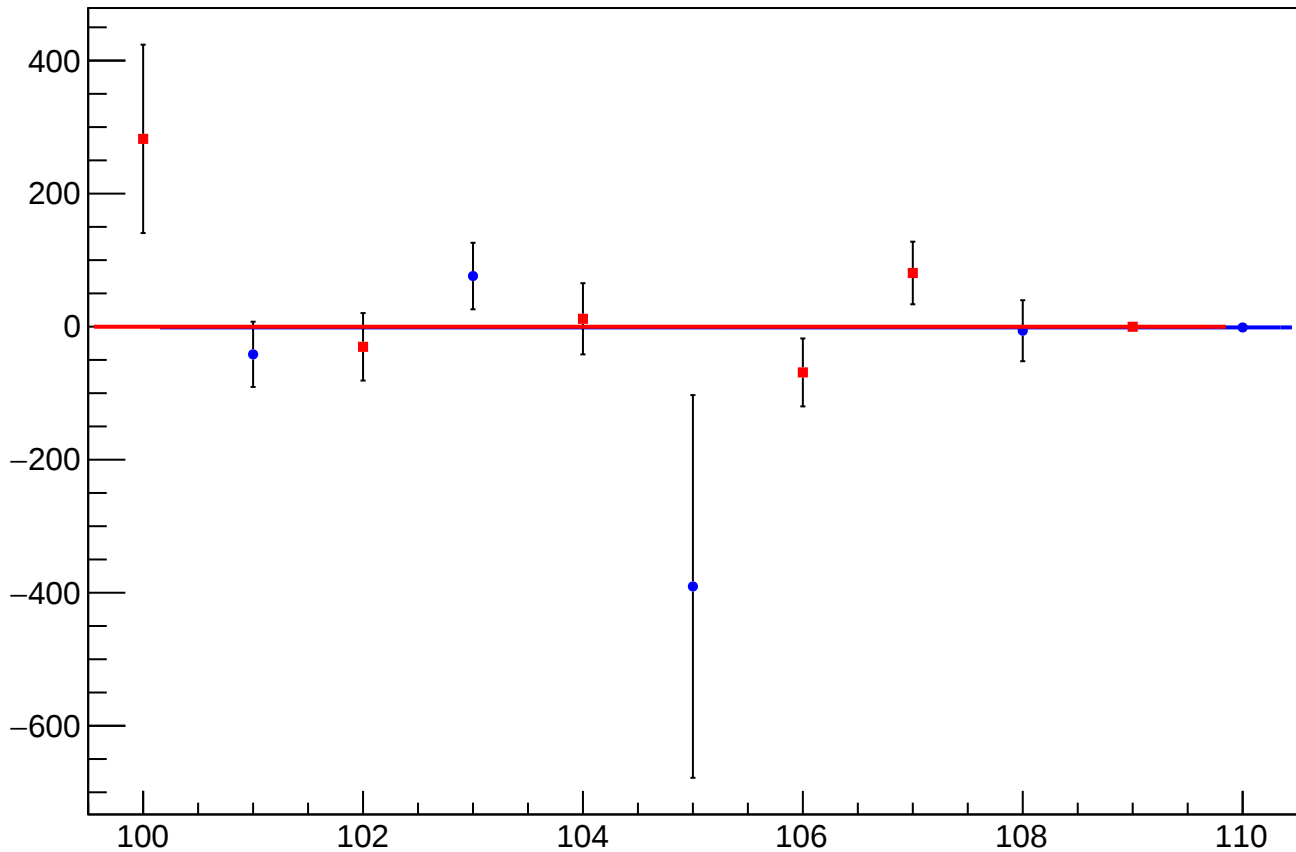
Right Out: 3119.729 $\pm$ 1.473 χ^2 /NDF: 50968.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3069.002 $\pm$ 1.588 χ^2 /NDF: 24018.7/4

3119.729 $\pm$ 1.473 χ^2 /NDF: 50968.9/5

diff_bpm1p02bX_mean vs slug



Right In: -1.143+/-3.101 χ^2 /NDF: 4.9/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

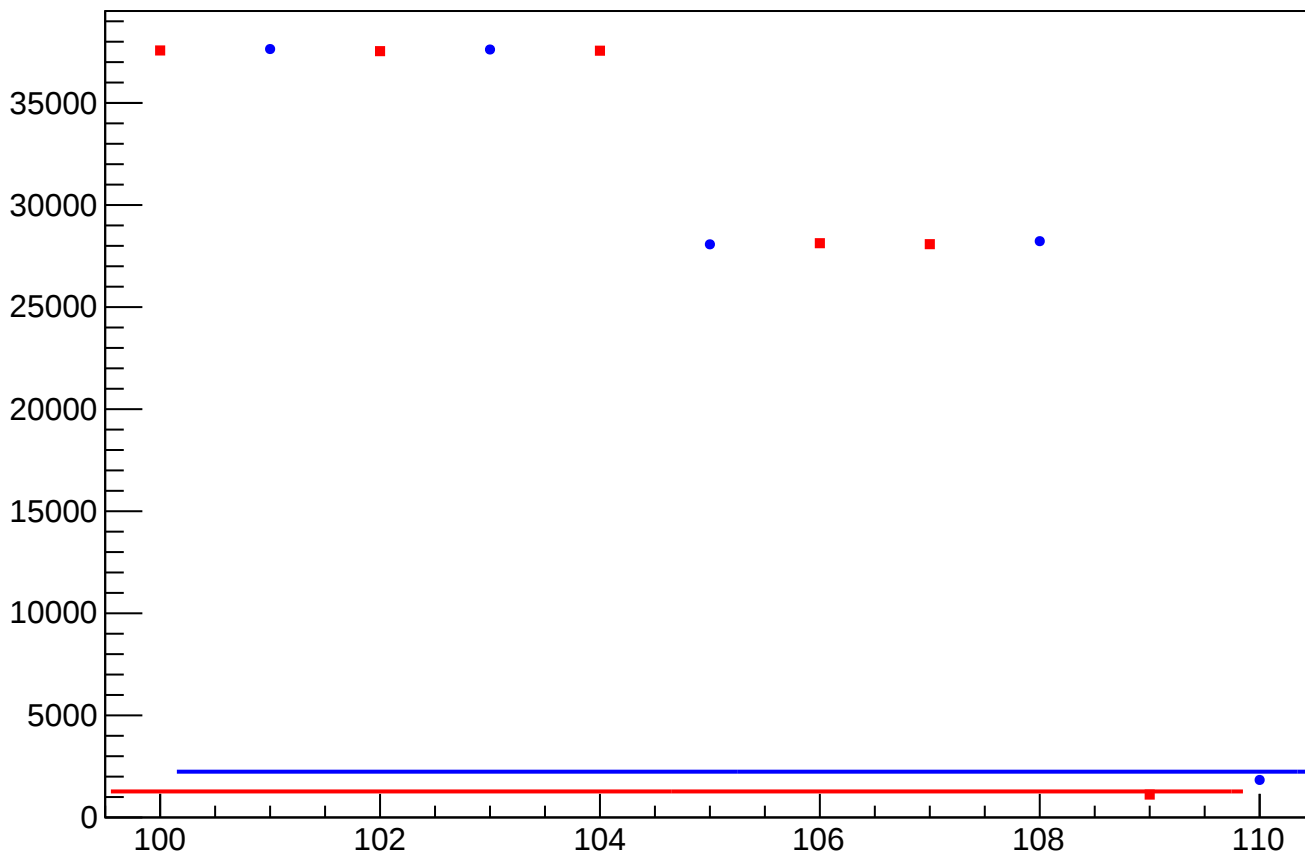
Right Out: -0.106+/-1.726 χ^2 /NDF: 9.1/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.143+/-3.101 χ^2 /NDF: 4.9/4

-0.106+/-1.726 χ^2 /NDF: 9.1/5

diff_bpm1p02bX_rms vs slug



Right In: 2242.248+/-2.193 χ^2/NDF : 2735223.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

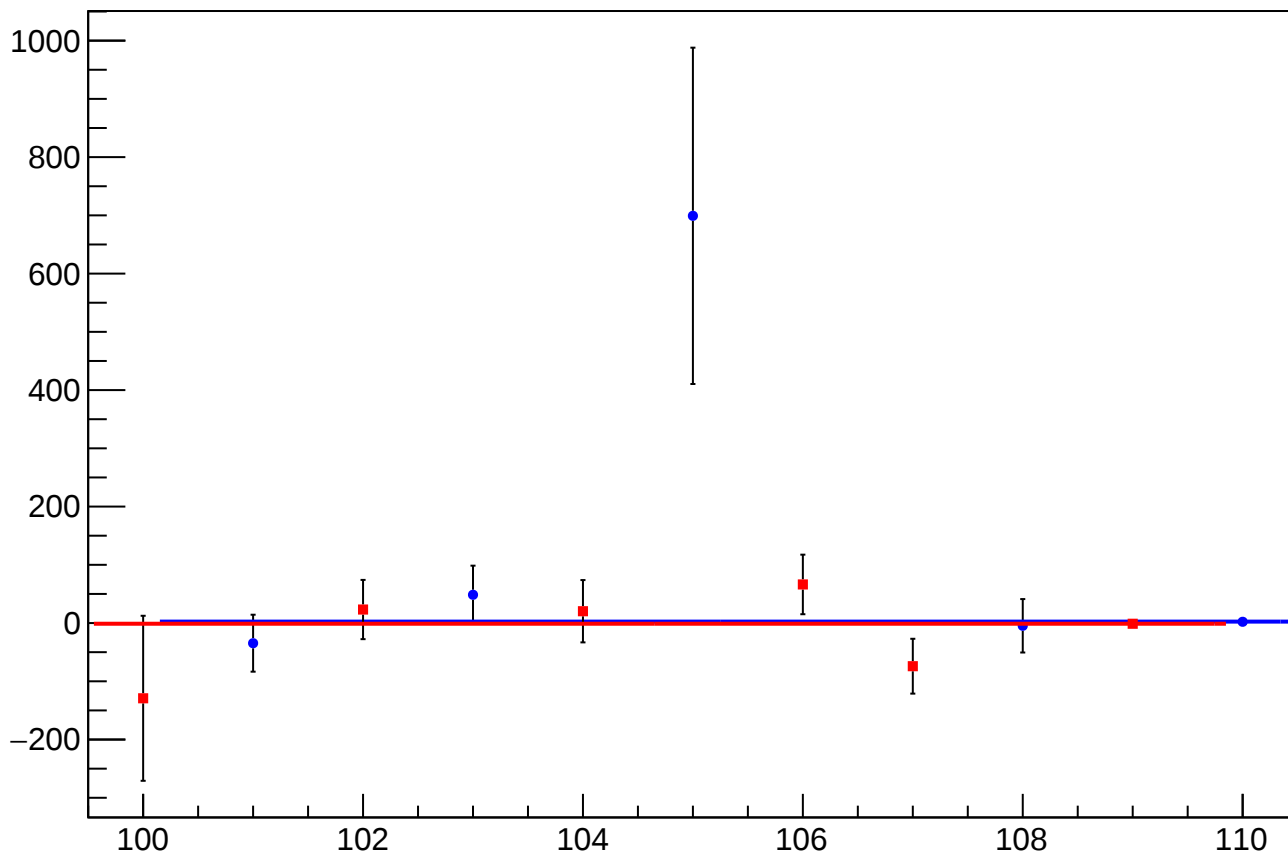
Right Out: 1273.920+/-1.221 χ^2/NDF : 3290516.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2242.248+/-2.193 χ^2/NDF : 2735223.3/4

1273.920+/-1.221 χ^2/NDF : 3290516.0/5

diff_bpm1p02bY_mean vs slug



Right In: 2.491+/-6.055 χ^2/NDF : 7.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

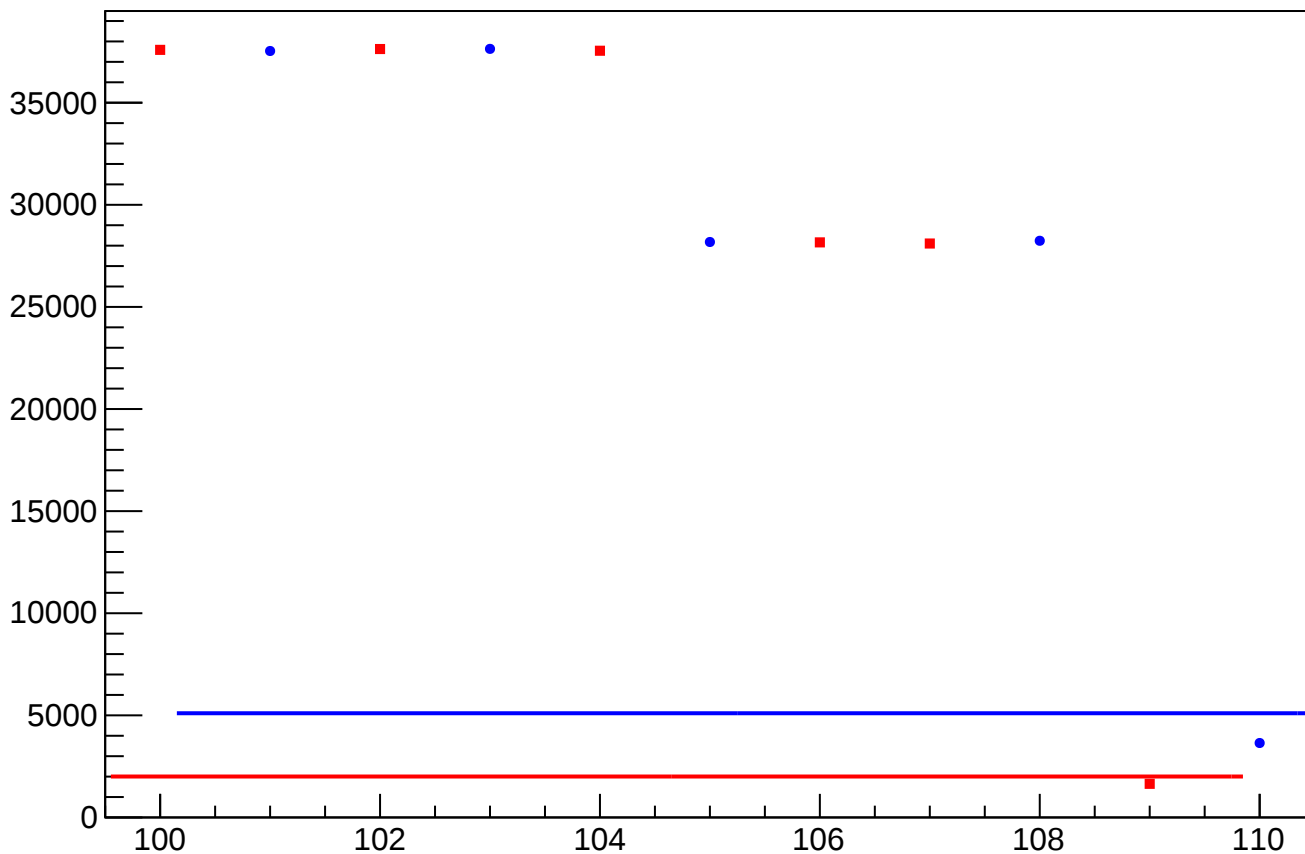
Right Out: -1.166+/-2.668 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.491+/-6.055 χ^2/NDF : 7.3/4

-1.166+/-2.668 χ^2/NDF : 5.3/5

diff_bpm1p02bY_rms vs slug



Right In: 5102.918+/-4.282 χ^2/NDF : 2357296.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

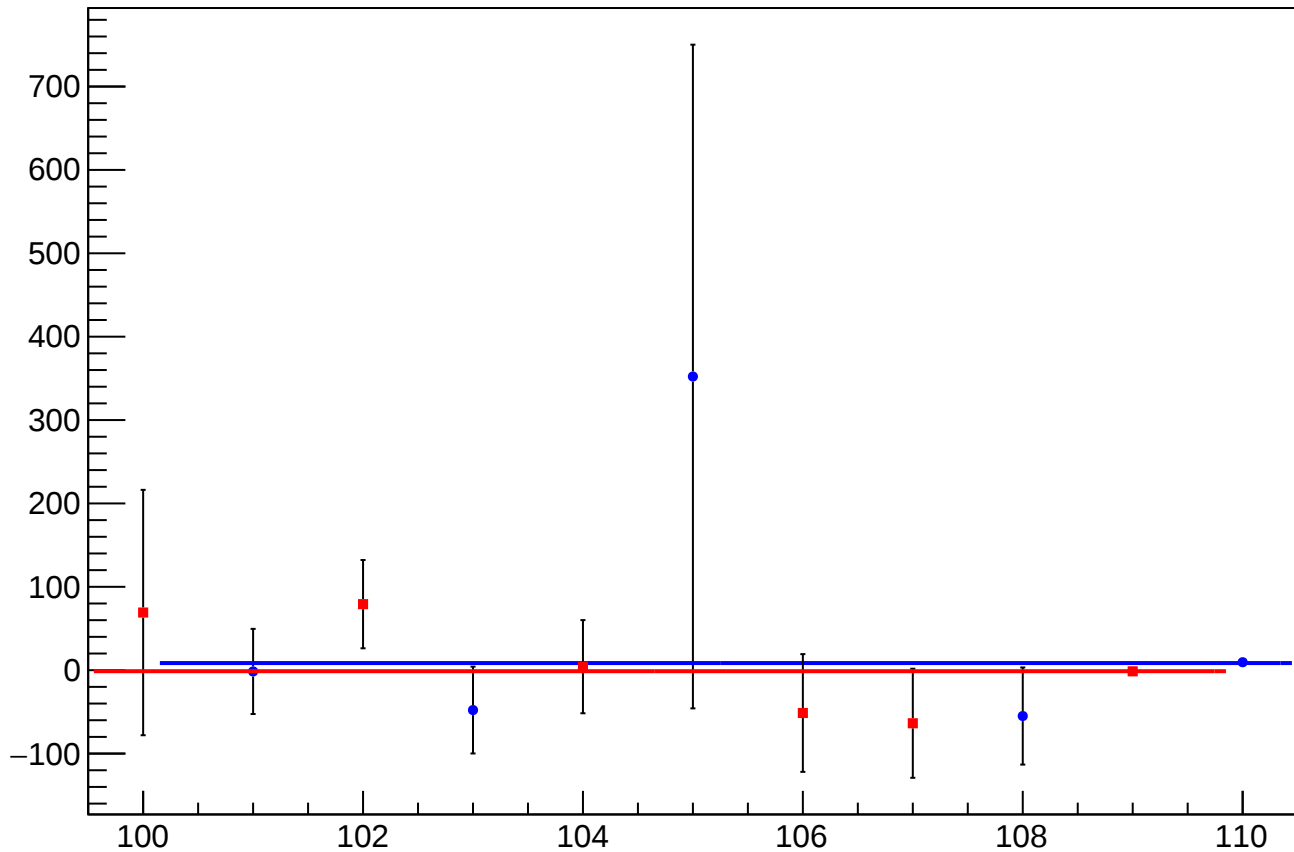
Right Out: 2004.828+/-1.886 χ^2/NDF : 3163654.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5102.918+/-4.282 χ^2/NDF : 2357296.9/4

2004.828+/-1.886 χ^2/NDF : 3163654.4/5

diff_bpm1p03aX_mean vs slug



Right In: 8.555+/-4.868 χ^2/NDF : 3.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

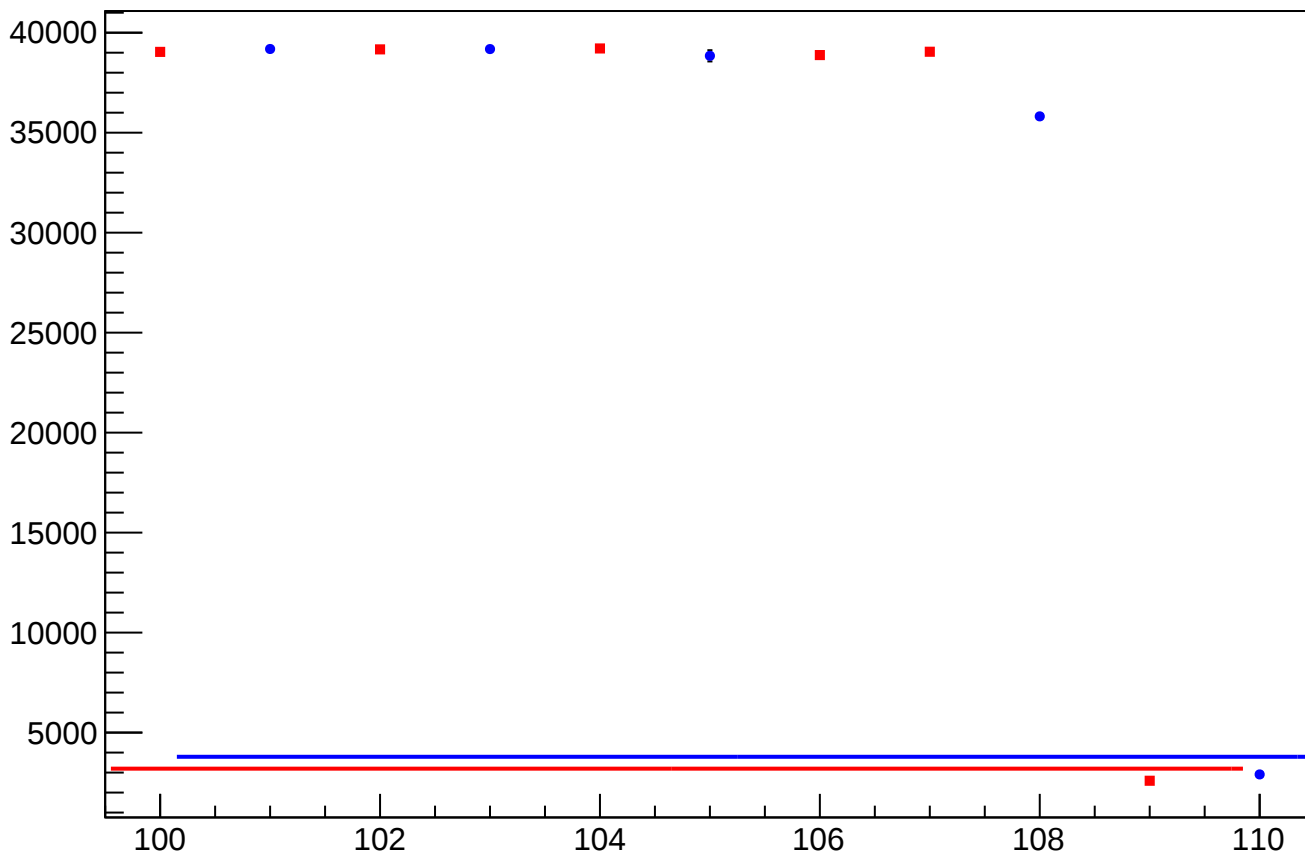
Right Out: -1.213+/-3.782 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.555+/-4.868 χ^2/NDF : 3.2/4

-1.213+/-3.782 χ^2/NDF : 4.0/5

diff_bpm1p03aX_rms vs slug



Right In: 3789.838+/-3.442 χ^2/NDF : 2569494.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

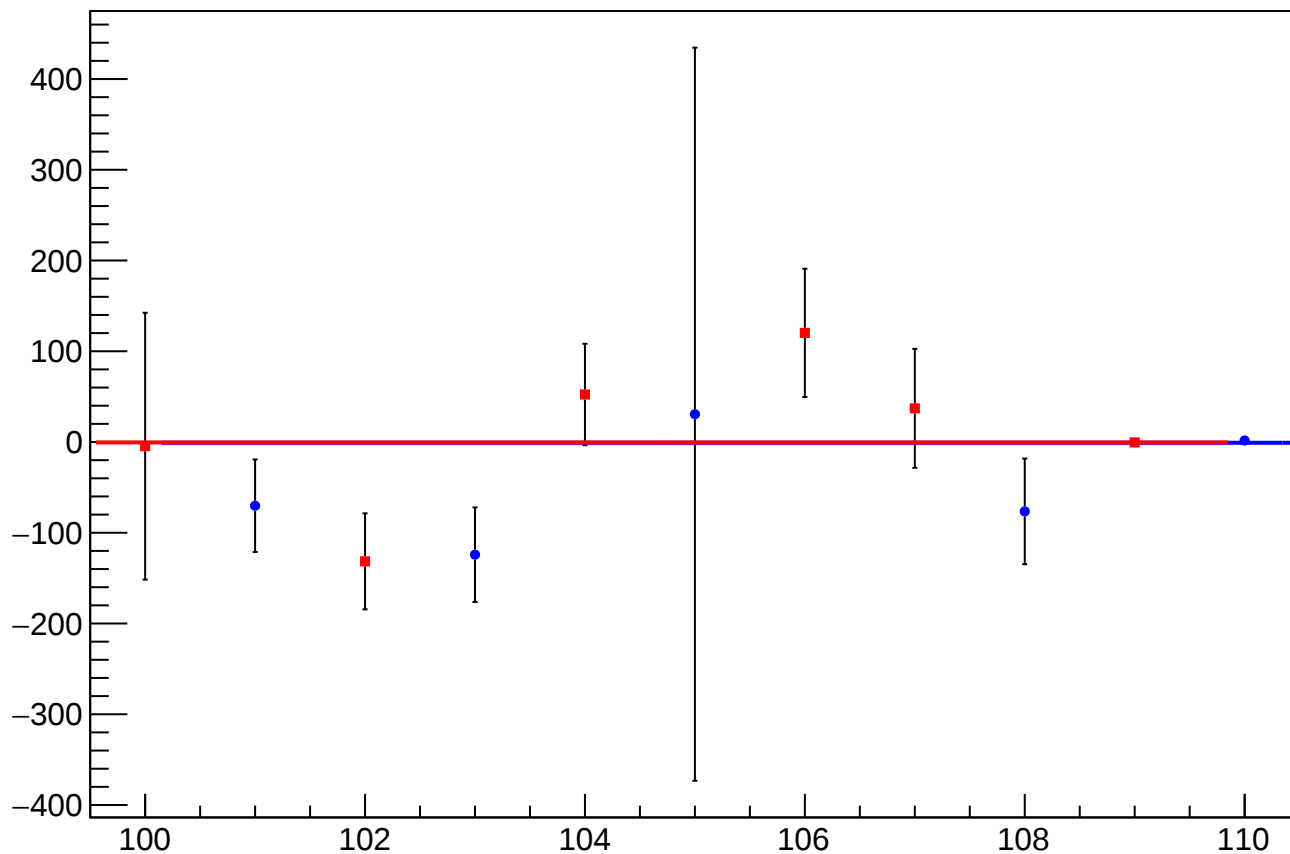
3789.838+/-3.442 χ^2/NDF : 2569494.8/4

Right Out: 3196.185+/-2.675 χ^2/NDF : 3035165.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3196.185+/-2.675 χ^2/NDF : 3035165.1/5

diff_bpm1p03aY_mean vs slug



Right In: -0.822+/-5.055 χ^2 /NDF: 9.4/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

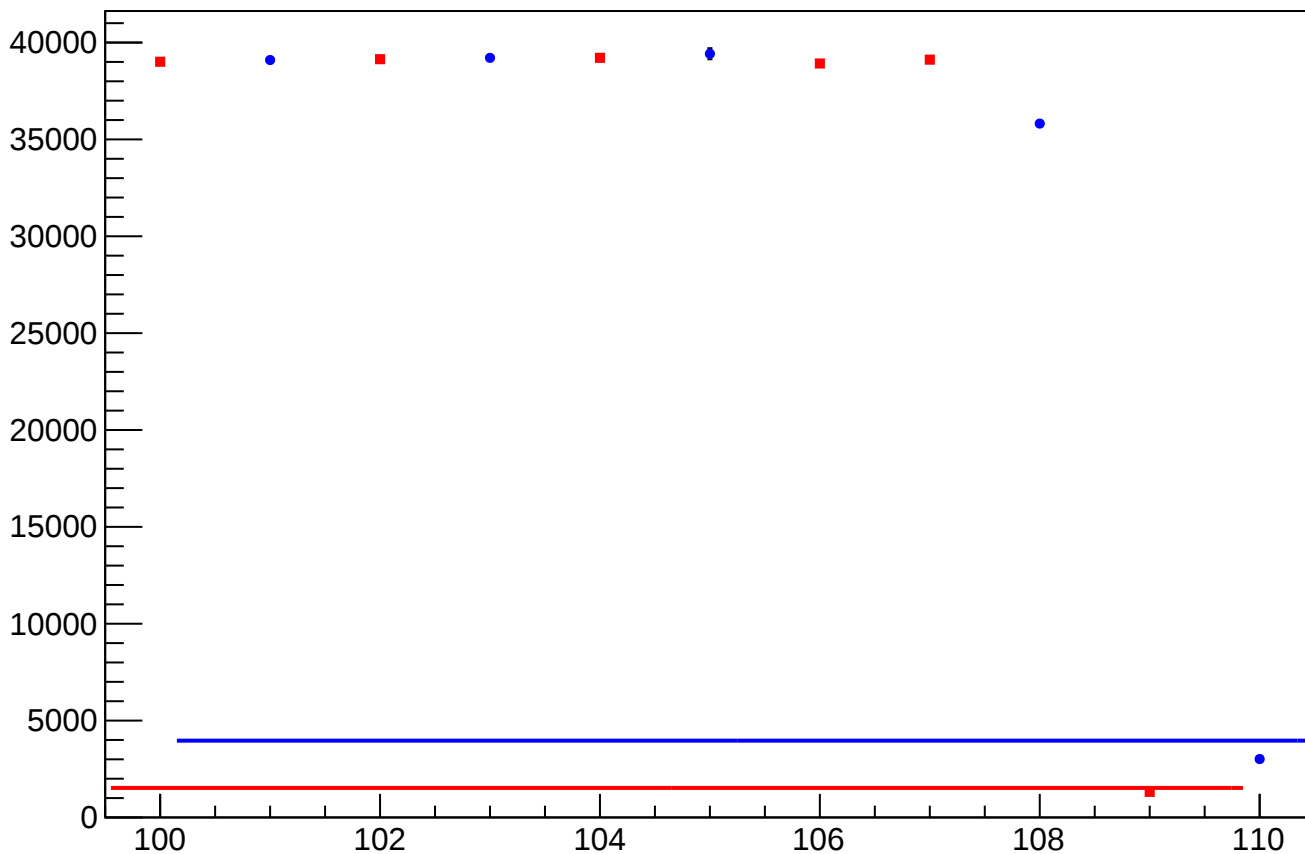
Right Out: -0.426+/-2.160 χ^2 /NDF: 10.3/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.822+/-5.055 χ^2 /NDF: 9.4/4

-0.426+/-2.160 χ^2 /NDF: 10.3/5

diff_bpm1p03aY_rms vs slug



Right In: 3964.405+/-3.575 χ^2/NDF : 2548546.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

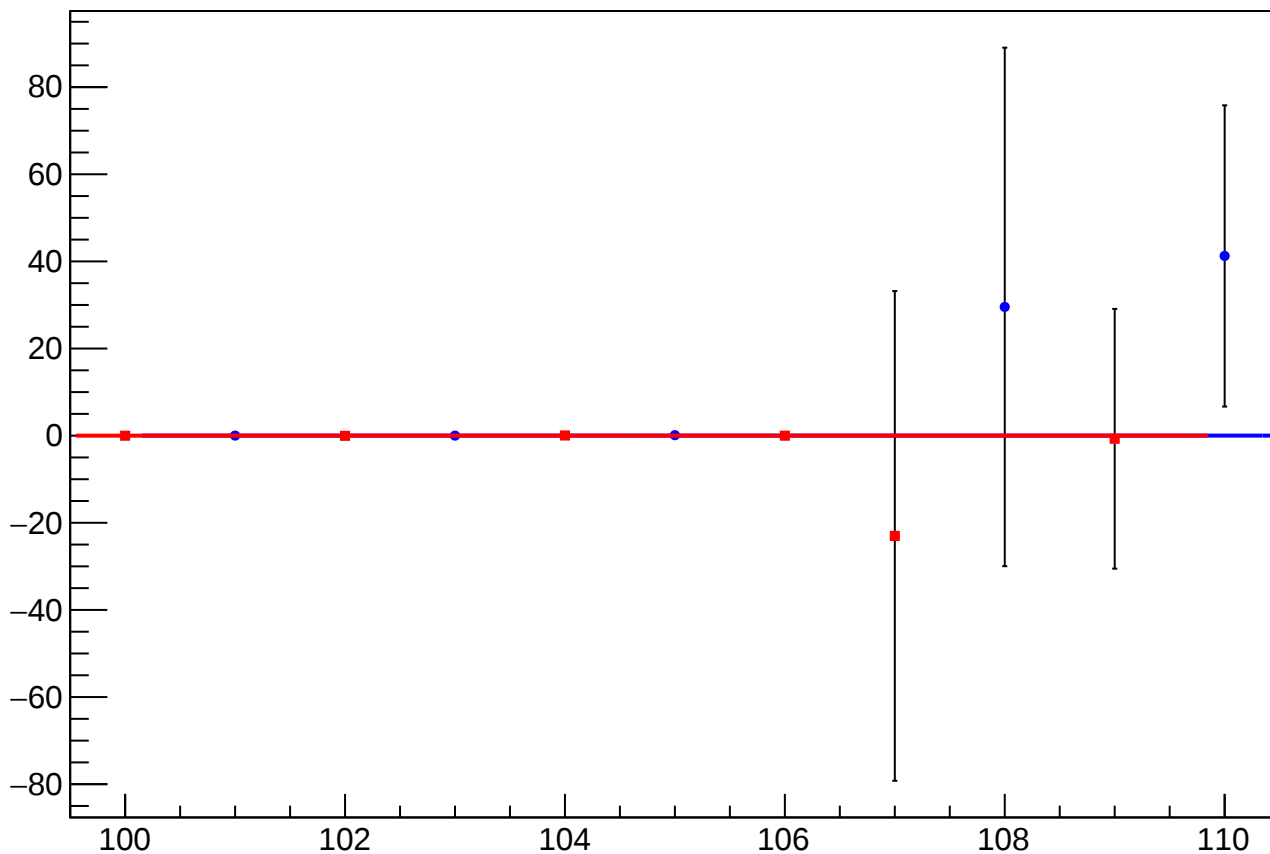
3964.405+/-3.575 χ^2/NDF : 2548546.1/4

Right Out: 1524.382+/-1.527 χ^2/NDF : 3287082.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1524.382+/-1.527 χ^2/NDF : 3287082.9/5

diff_cav4bX_mean vs slug



Right In: 0.015 $\pm$ 0.017 χ^2 /NDF: 2.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

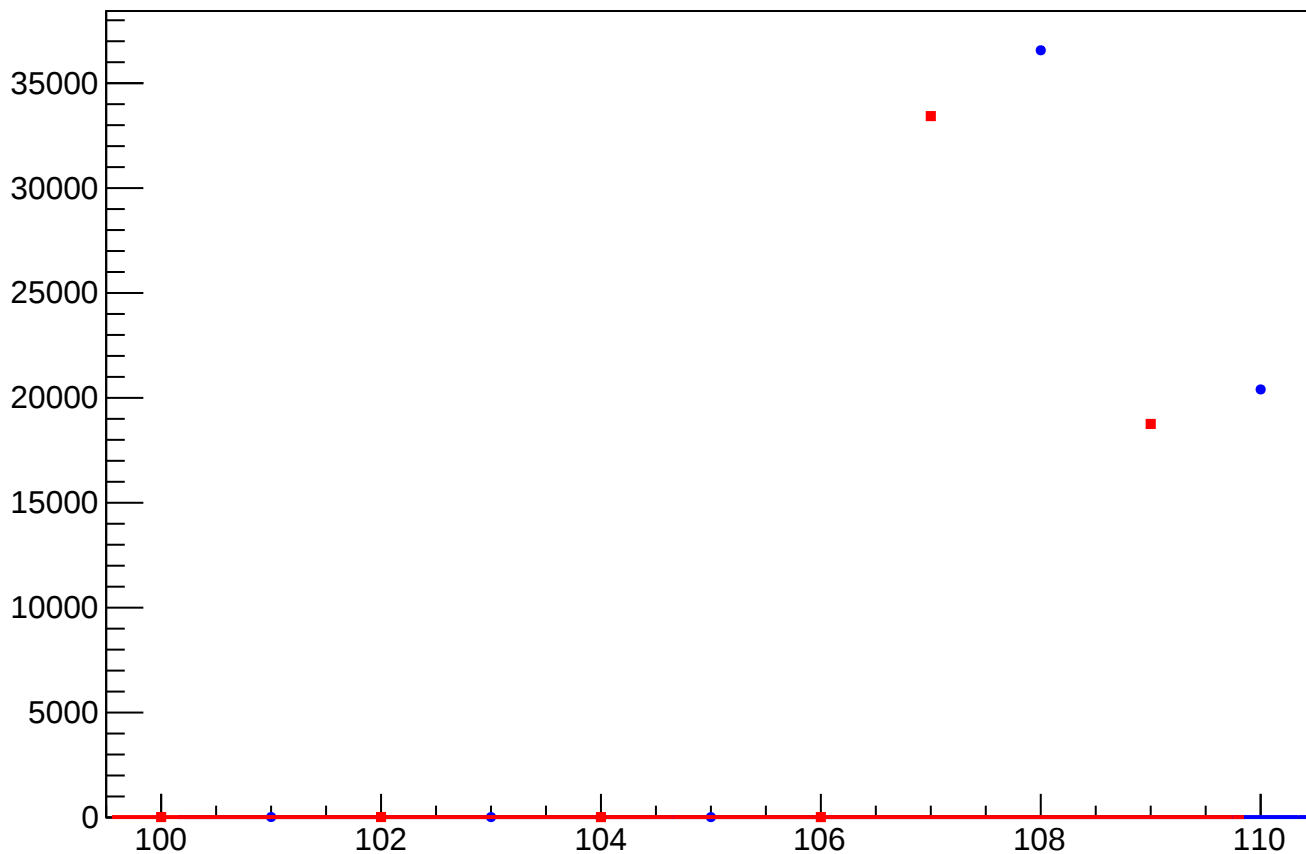
Right Out: 0.003 $\pm$ 0.016 χ^2 /NDF: 5.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.015 $\pm$ 0.017 χ^2 /NDF: 2.2/4

0.003 $\pm$ 0.016 χ^2 /NDF: 5.0/5

diff_cav4bX_rms vs slug



Right In: 18.534+/-0.012 χ^2/NDF : 1462186.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

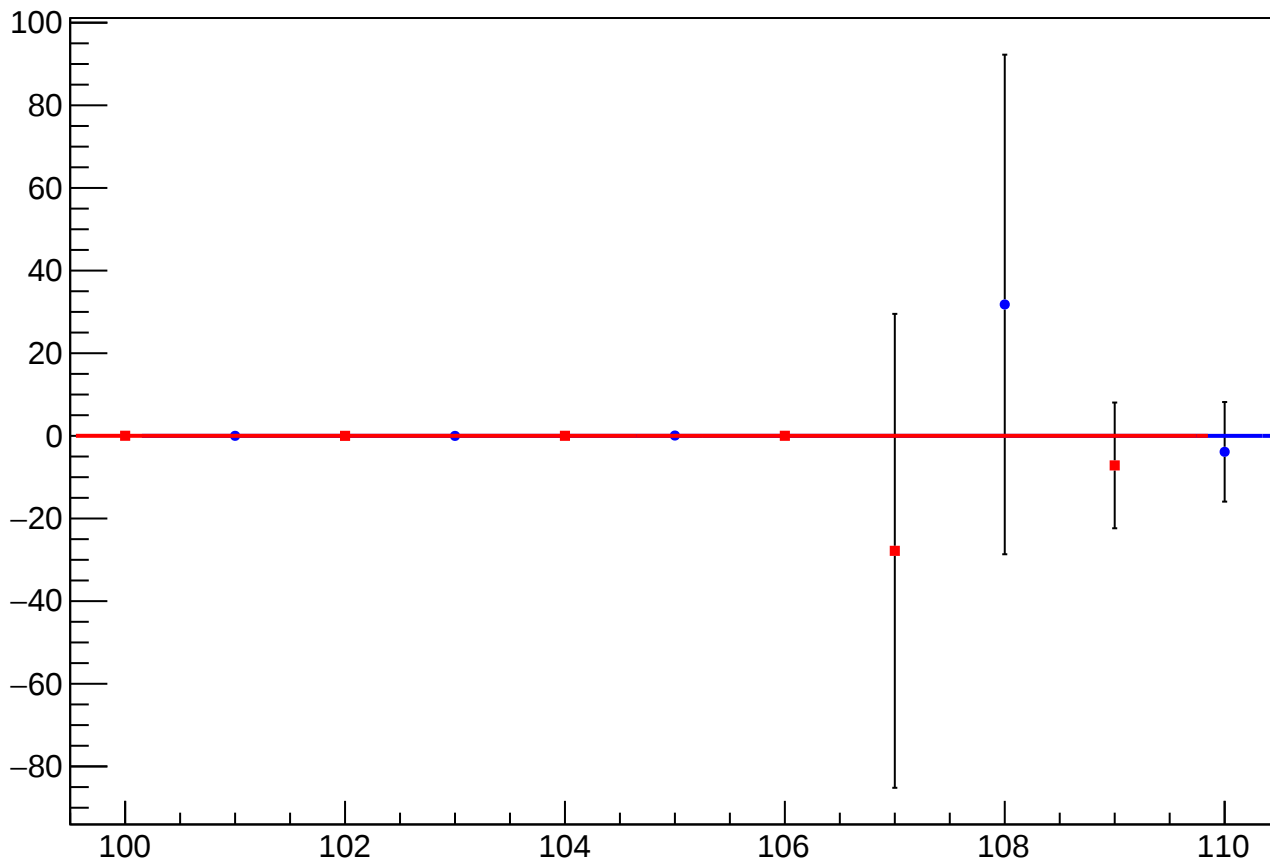
Right Out: 18.250+/-0.011 χ^2/NDF : 1509601.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.534+/-0.012 χ^2/NDF : 1462186.4/4

18.250+/-0.011 χ^2/NDF : 1509601.8/5

diff_cav4bY_mean vs slug



Right In: 0.002 $\pm$ 0.009 χ^2 /NDF: 2.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

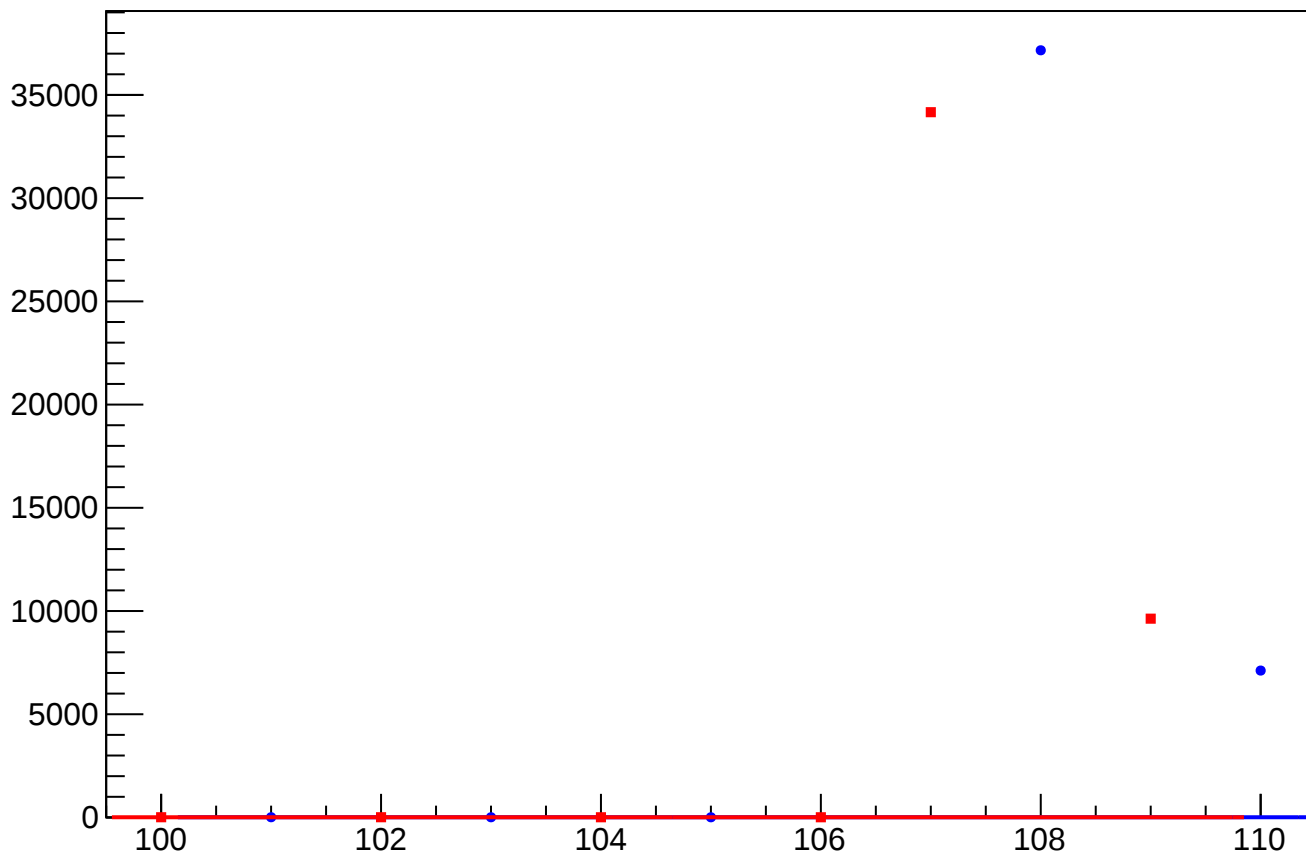
Right Out: 0.014 $\pm$ 0.009 χ^2 /NDF: 1.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.002 $\pm$ 0.009 χ^2 /NDF: 2.4/4

0.014 $\pm$ 0.009 χ^2 /NDF: 1.2/5

diff_cav4bY_rms vs slug



Right In: 9.840+/-0.006 χ^2/NDF : 1462104.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

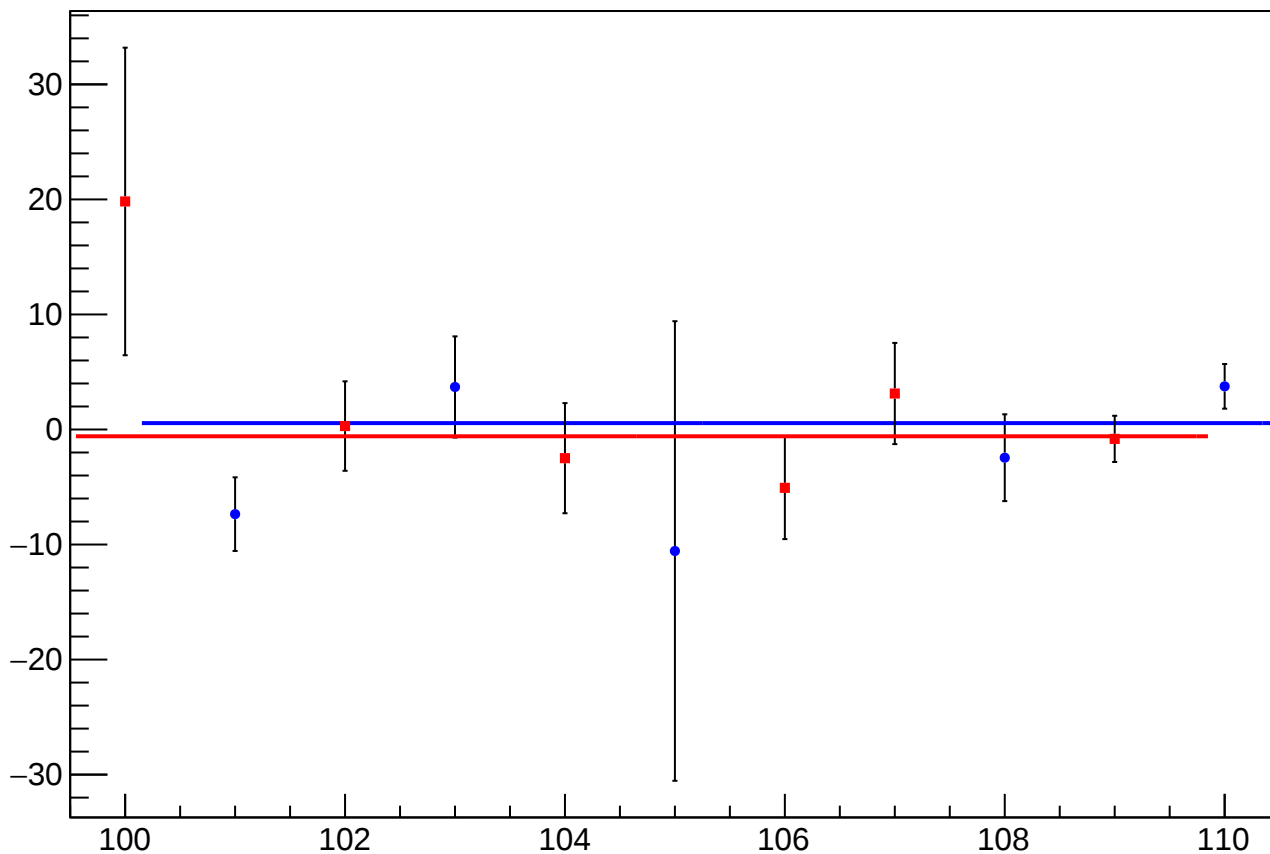
Right Out: 9.784+/-0.006 χ^2/NDF : 1522812.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.840+/-0.006 χ^2/NDF : 1462104.2/4

9.784+/-0.006 χ^2/NDF : 1522812.7/5

diff_cav4cX_mean vs slug



Right In: 0.555 $\pm$ 1.432 χ^2 /NDF: 10.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

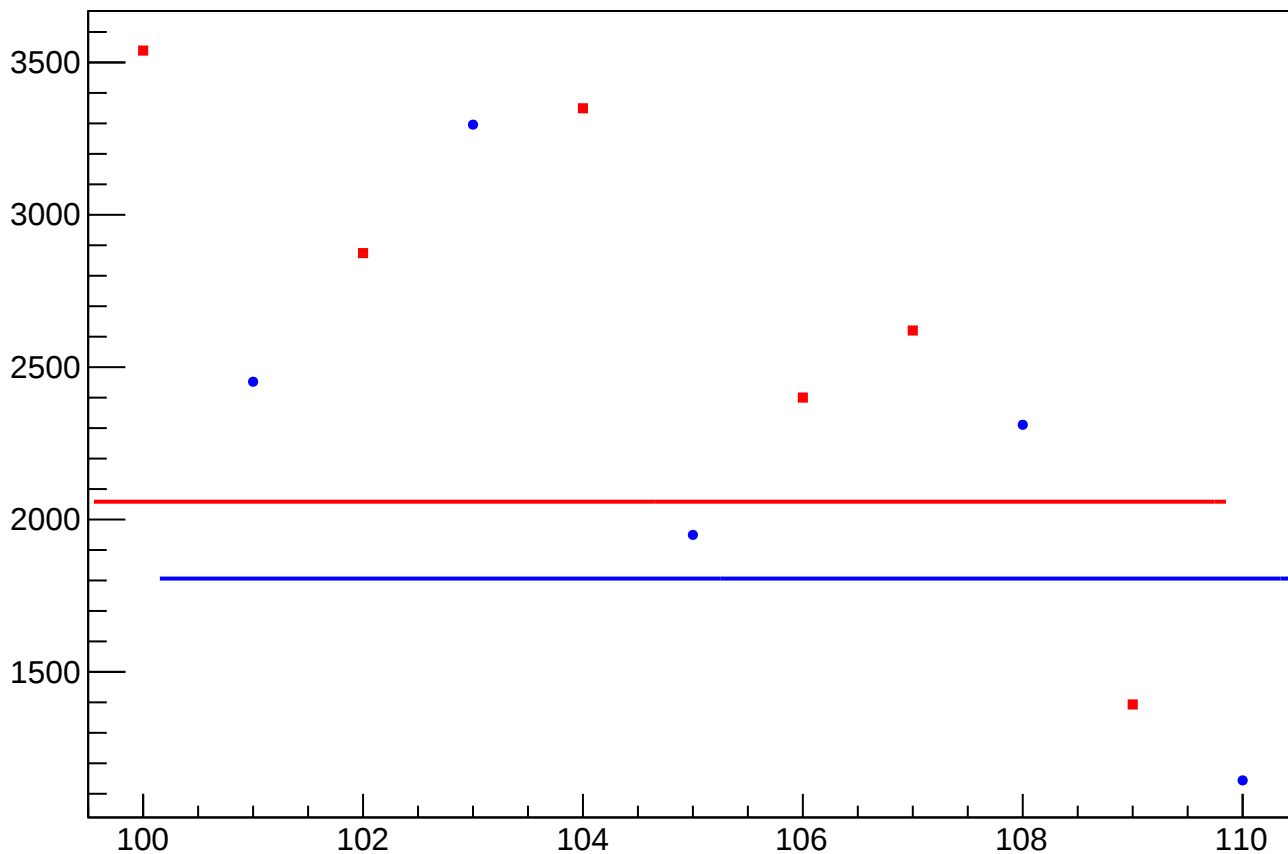
Right Out: -0.590 $\pm$ 1.466 χ^2 /NDF: 4.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.555 $\pm$ 1.432 χ^2 /NDF: 10.3/4

-0.590 $\pm$ 1.466 χ^2 /NDF: 4.3/5

diff_cav4cX_rms vs slug



Right In: 1806.245+/-1.013 χ^2/NDF : 579600.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

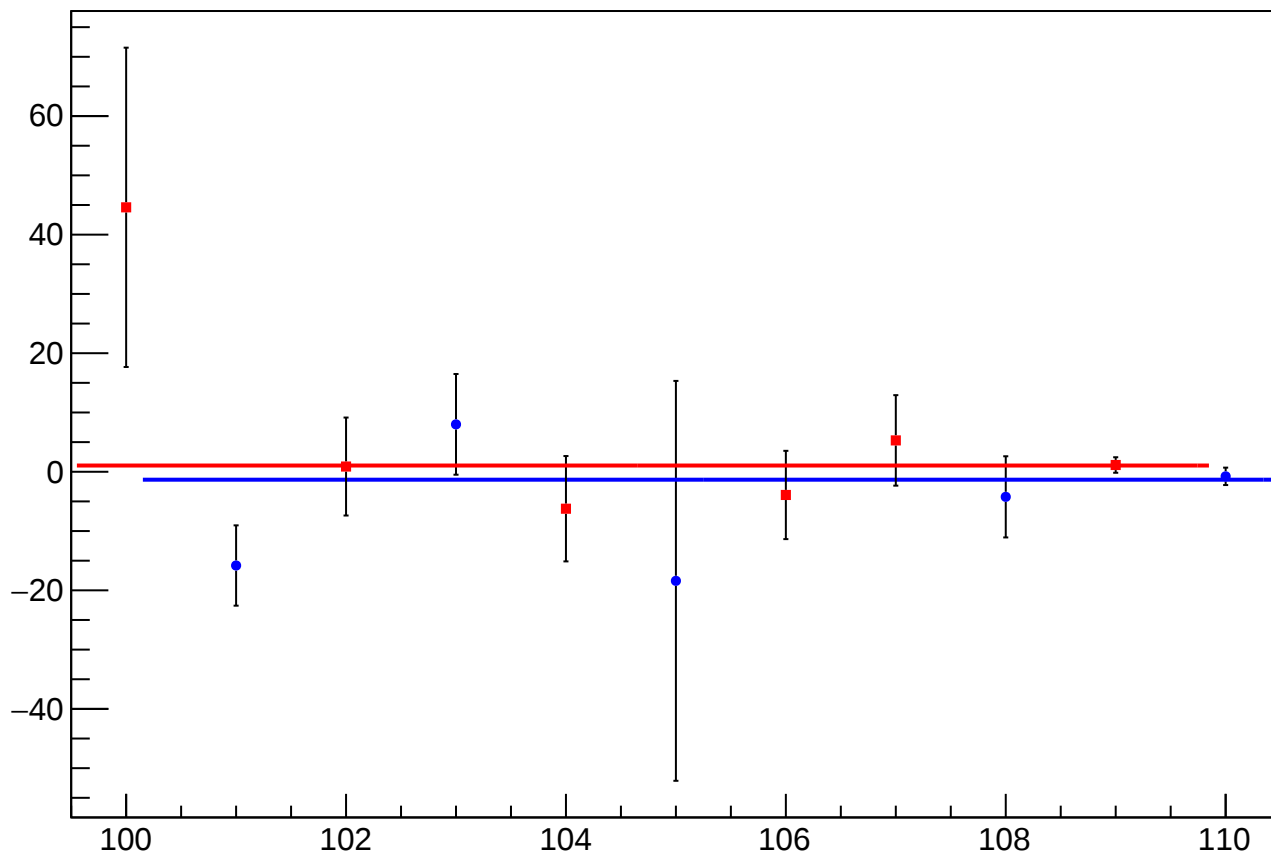
Right Out: 2058.531+/-1.037 χ^2/NDF : 521770.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1806.245+/-1.013 χ^2/NDF : 579600.7/4

2058.531+/-1.037 χ^2/NDF : 521770.7/5

diff_cav4cY_mean vs slug



Right In: -1.338+/-1.384 χ^2/NDF : 6.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

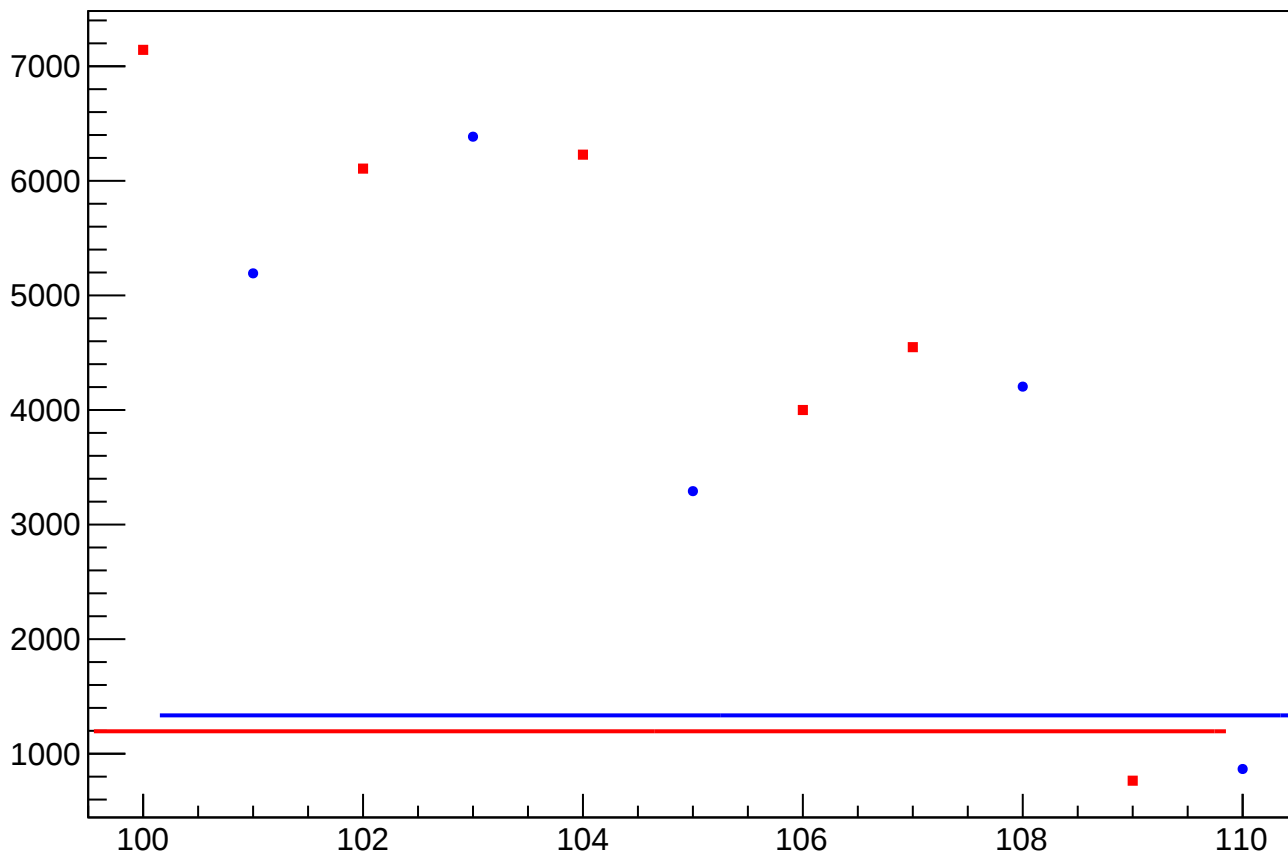
Right Out: 1.053+/-1.242 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.338+/-1.384 χ^2/NDF : 6.4/4

1.053+/-1.242 χ^2/NDF : 4.0/5

diff_cav4cY_rms vs slug



Right In: 1334.749 $\pm$ 0.979 χ^2 /NDF: 1917037.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

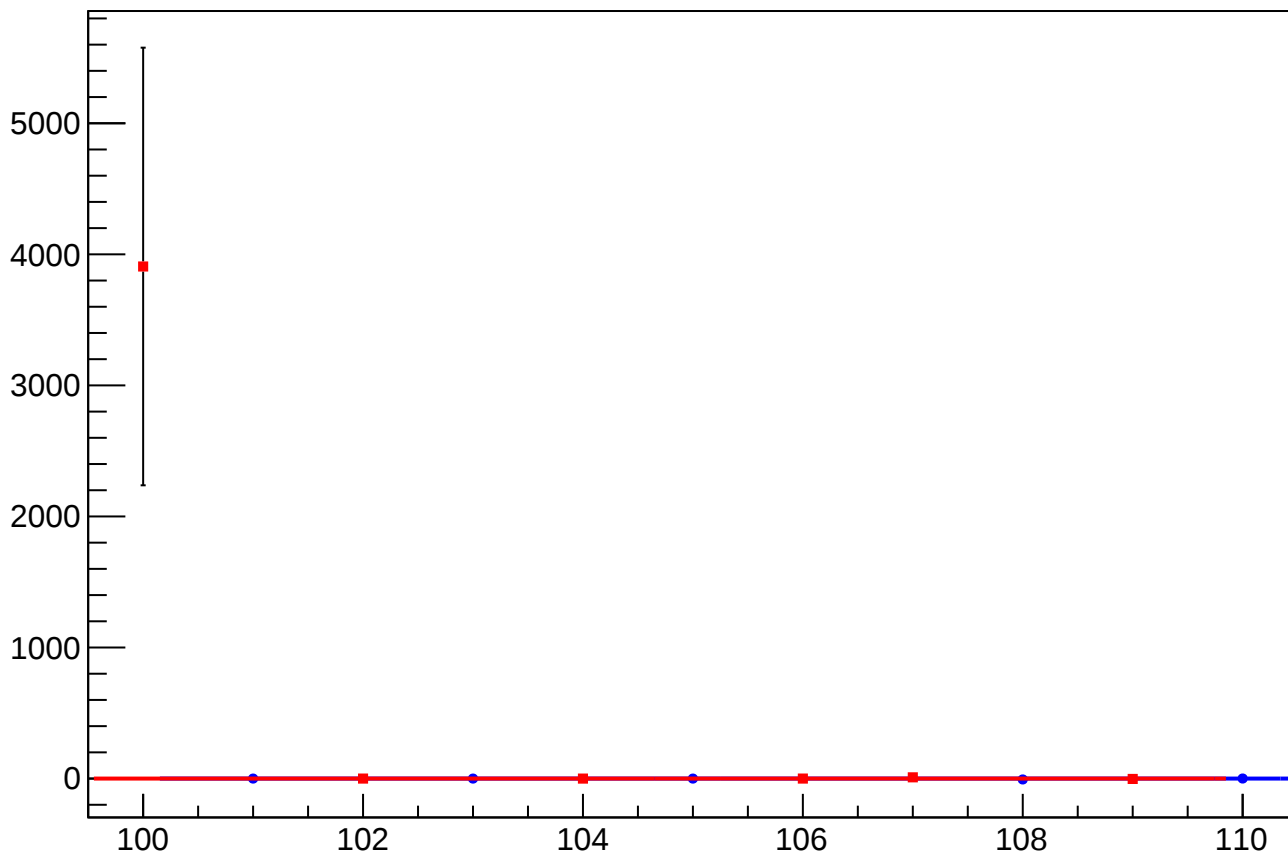
Right Out: 1195.900 $\pm$ 0.878 χ^2 /NDF: 2332196.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1334.749 $\pm$ 0.979 χ^2 /NDF: 1917037.2/4

1195.900 $\pm$ 0.878 χ^2 /NDF: 2332196.1/5

diff_cav4dX_mean vs slug



Right In: -0.023+/-0.021 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

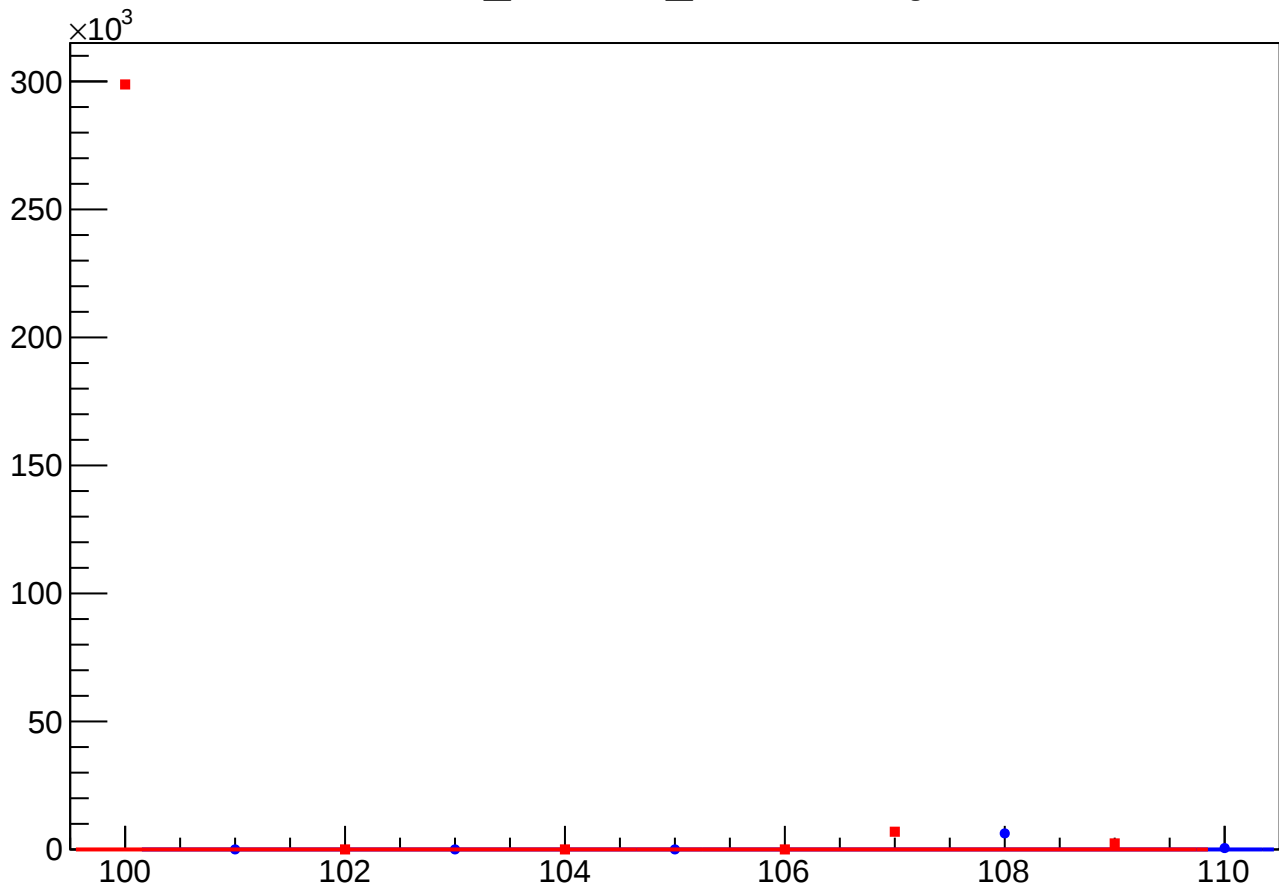
Right Out: -0.027+/-0.020 χ^2/NDF : 7.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.023+/-0.021 χ^2/NDF : 1.5/4

-0.027+/-0.020 χ^2/NDF : 7.3/5

diff_cav4dX_rms vs slug



Right In: 17.020 $\pm$ 0.015 χ^2/NDF : 993968.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

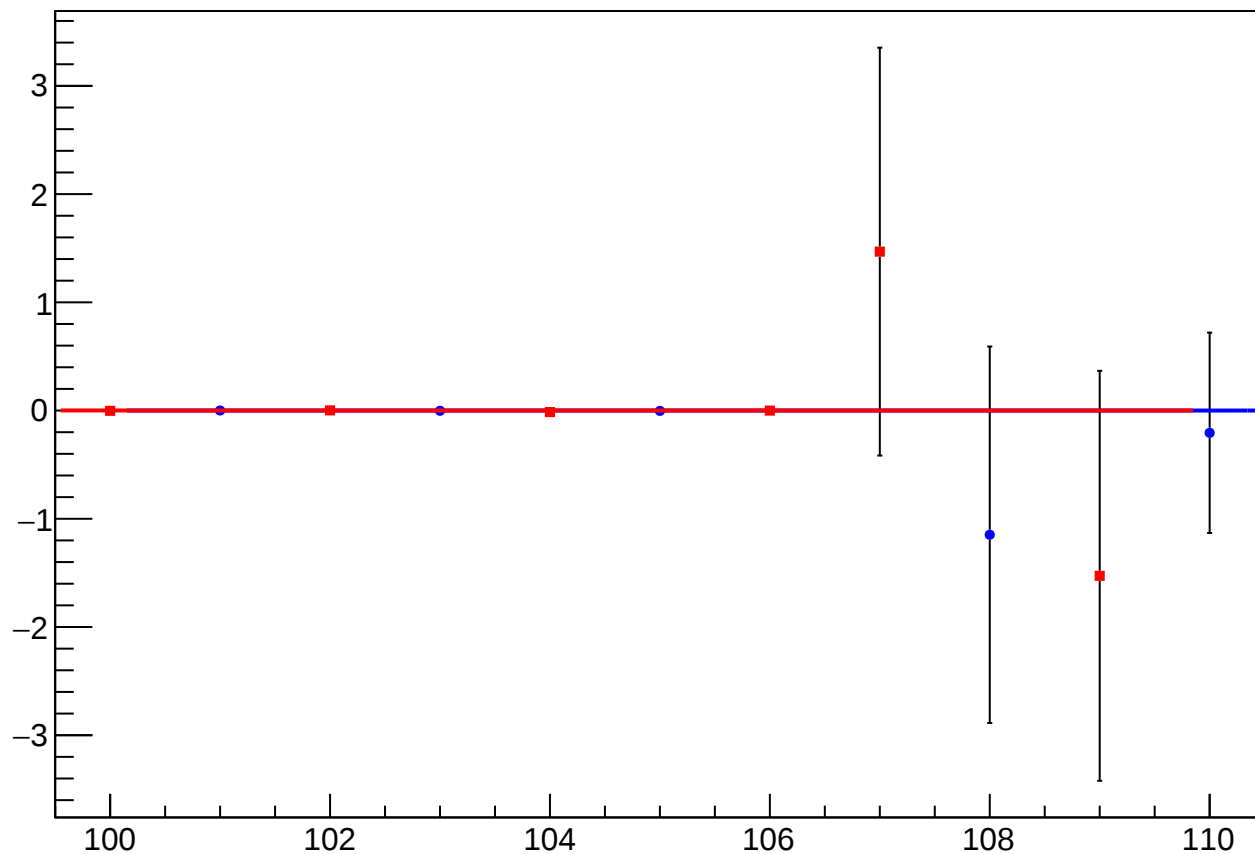
Right Out: 16.992 $\pm$ 0.014 χ^2/NDF : 1248480.4/5

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

17.020 $\pm$ 0.015 χ^2/NDF : 993968.7/4

16.992 $\pm$ 0.014 χ^2/NDF : 1248480.4/5

diff_cav4dY_mean vs slug



Right In: 0.000+/-0.002 χ^2/NDF : 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

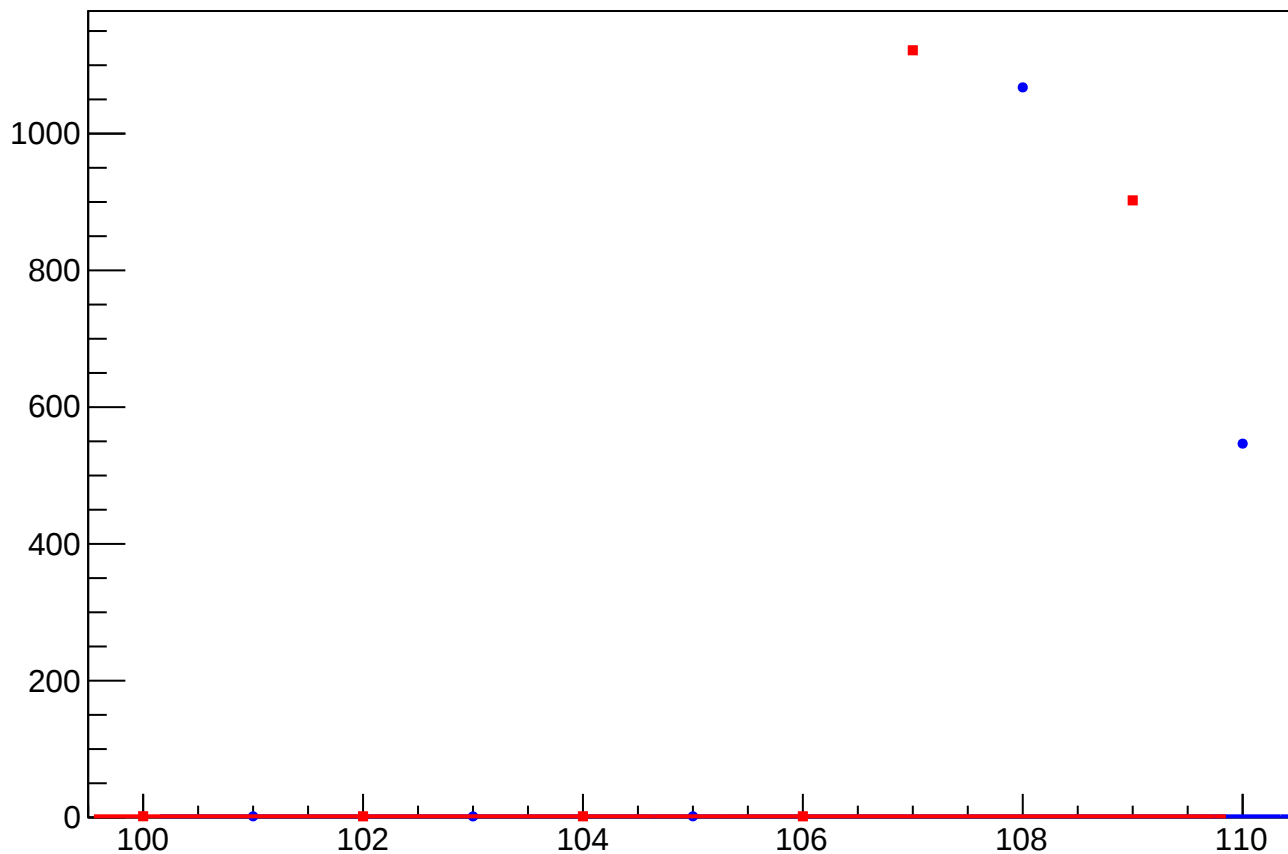
Right Out: 0.001+/-0.002 χ^2/NDF : 2.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.002 χ^2/NDF : 0.7/4

0.001+/-0.002 χ^2/NDF : 2.2/5

diff_cav4dY_rms vs slug



Right In: 1.649 $\pm$ 0.001 χ^2 /NDF: 1445161.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

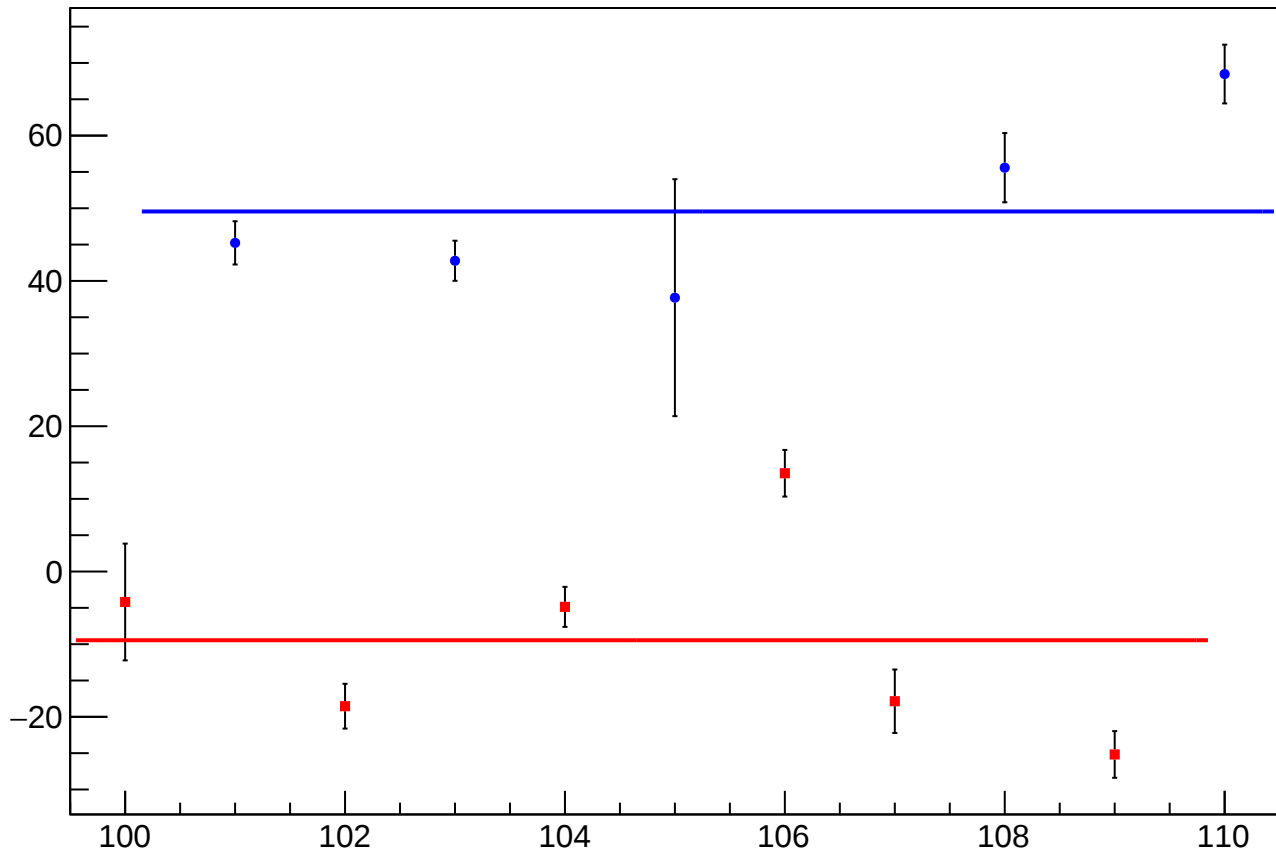
Right Out: 1.682 $\pm$ 0.001 χ^2 /NDF: 1159071.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.649 $\pm$ 0.001 χ^2 /NDF: 1445161.2/4

1.682 $\pm$ 0.001 χ^2 /NDF: 1159071.5/5

diff_bpm0i01X_mean vs slug



Right In: 49.557+/-1.683 χ^2/NDF : 32.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

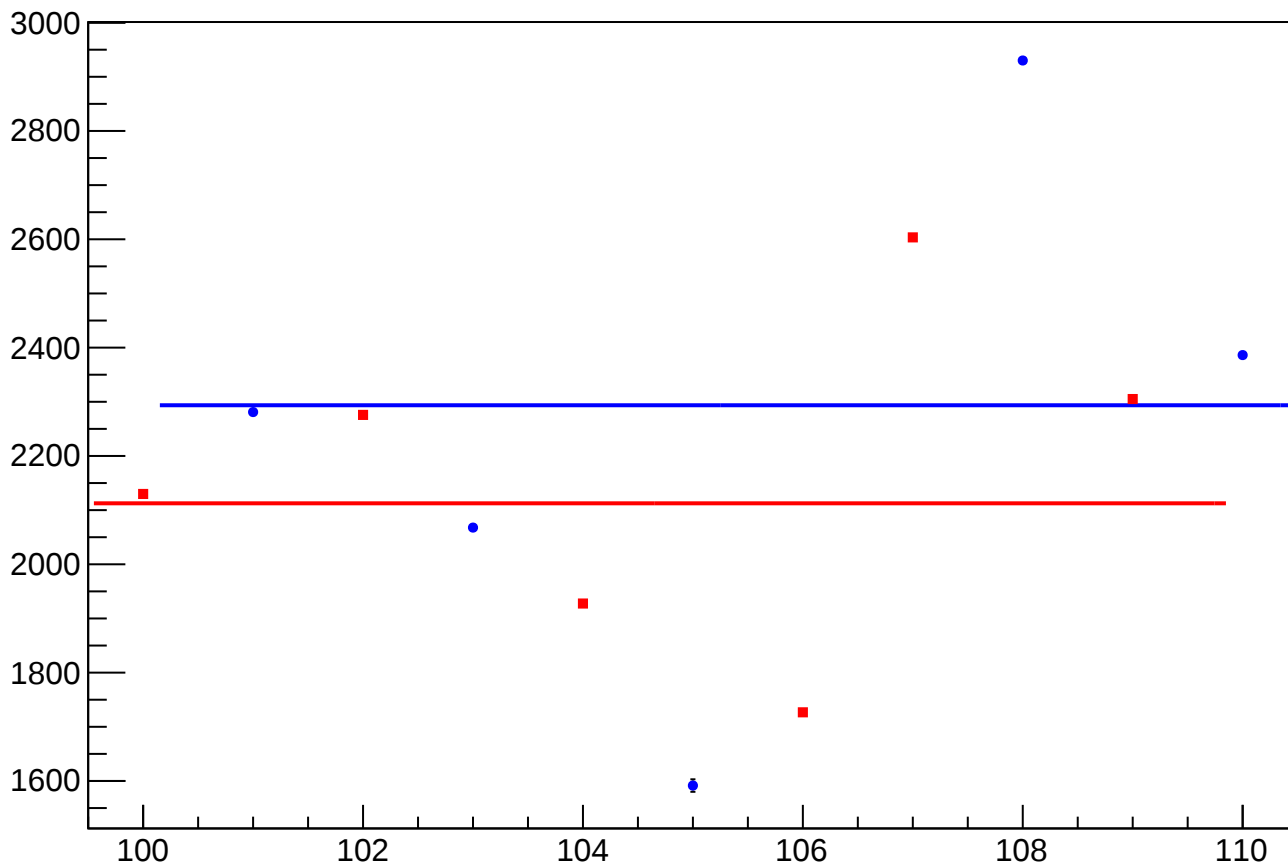
Right Out: -9.458+/-1.416 χ^2/NDF : 90.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

49.557+/-1.683 χ^2/NDF : 32.2/4

-9.458+/-1.416 χ^2/NDF : 90.8/5

diff_bpm0i01X_rms vs slug



Right In: 2293.611+/-1.190 χ^2/NDF : 53852.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

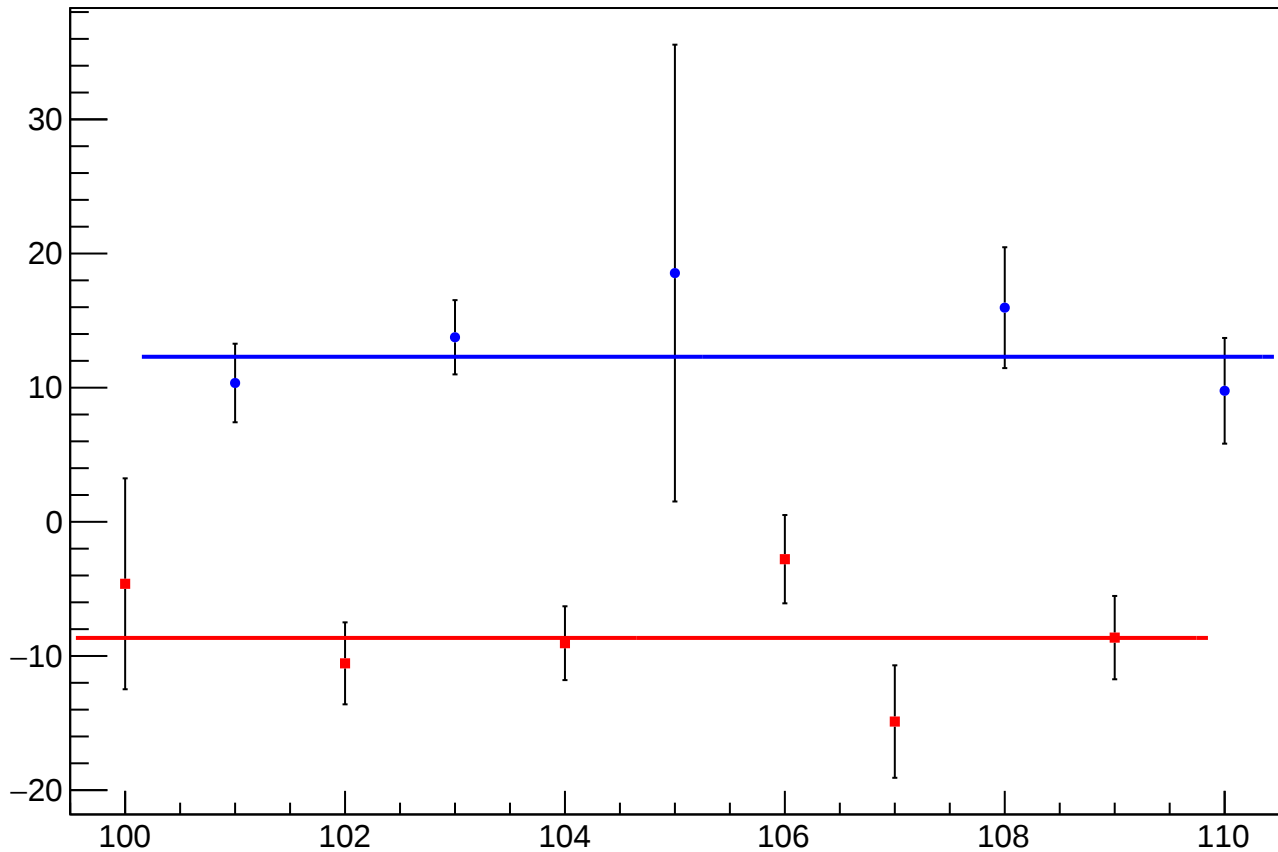
Right Out: 2112.585+/-1.001 χ^2/NDF : 75981.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2293.611+/-1.190 χ^2/NDF : 53852.2/4

2112.585+/-1.001 χ^2/NDF : 75981.2/5

diff_bpm0i01Y_mean vs slug



Right In: 12.305+/-1.657 χ^2/NDF : 1.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

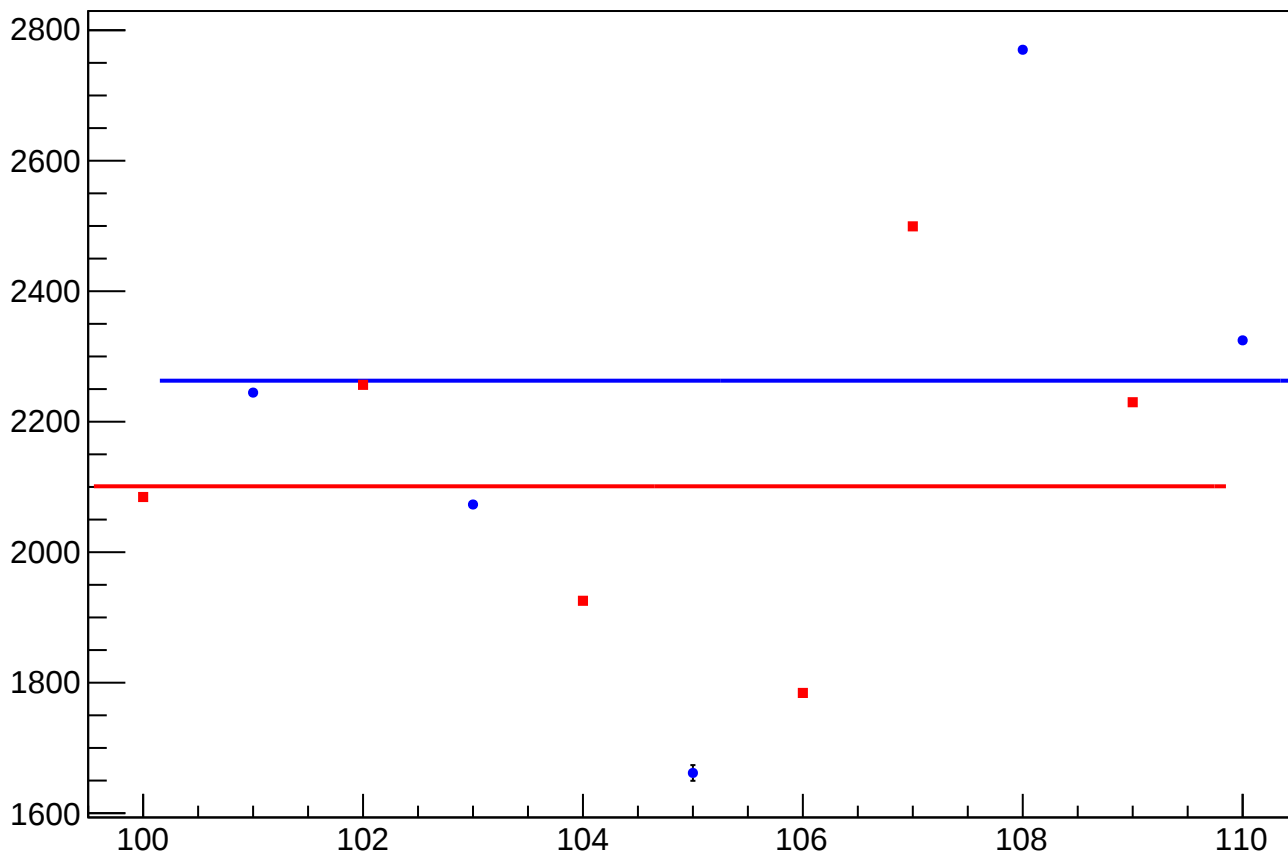
Right Out: -8.654+/-1.403 χ^2/NDF : 6.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.305+/-1.657 χ^2/NDF : 1.9/4

-8.654+/-1.403 χ^2/NDF : 6.1/5

diff_bpm0i01Y_rms vs slug



Right In: 2262.874+/-1.171 χ^2/NDF : 37823.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

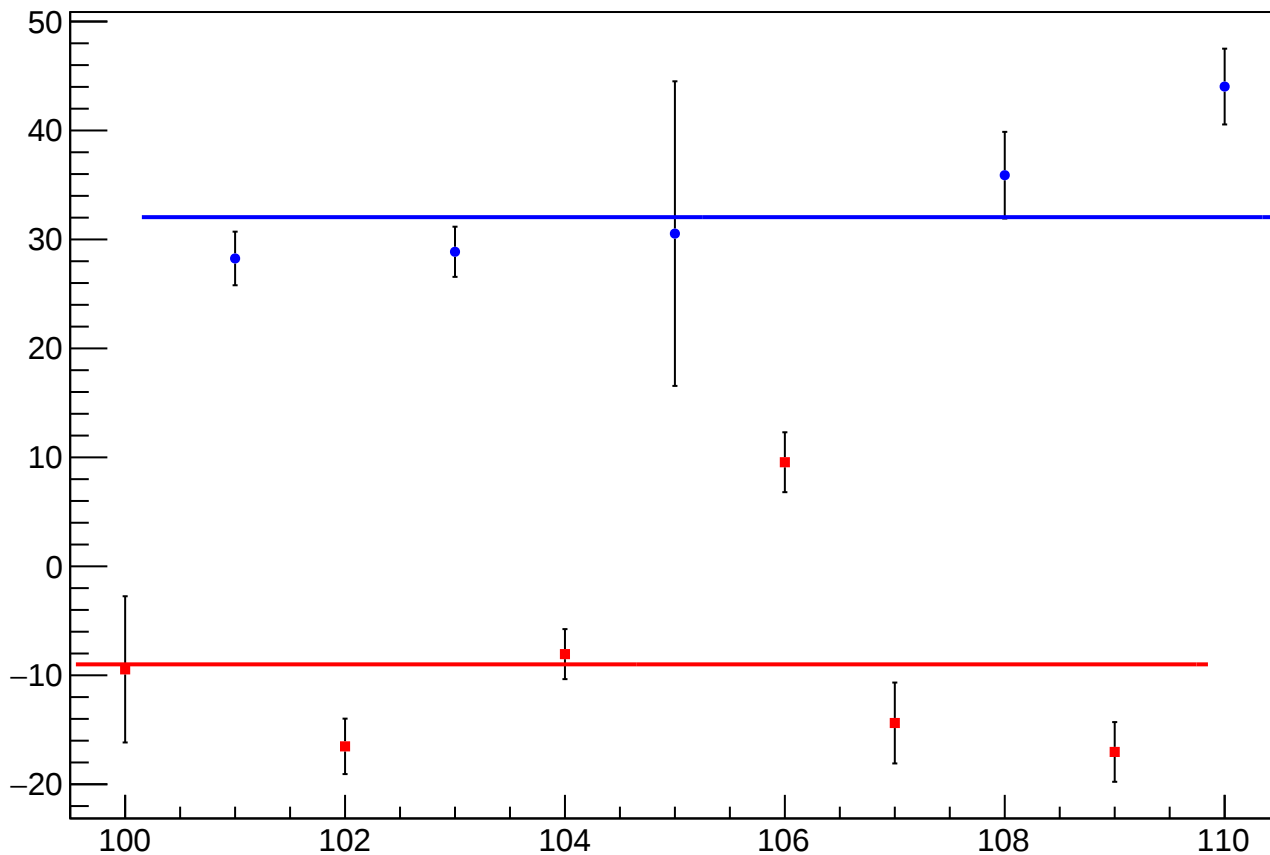
Right Out: 2101.015+/-0.992 χ^2/NDF : 53345.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2262.874+/-1.171 χ^2/NDF : 37823.5/4

2101.015+/-0.992 χ^2/NDF : 53345.1/5

diff_bpm0i01aX_mean vs slug



Right In: 32.046+/-1.407 χ^2/NDF : 17.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

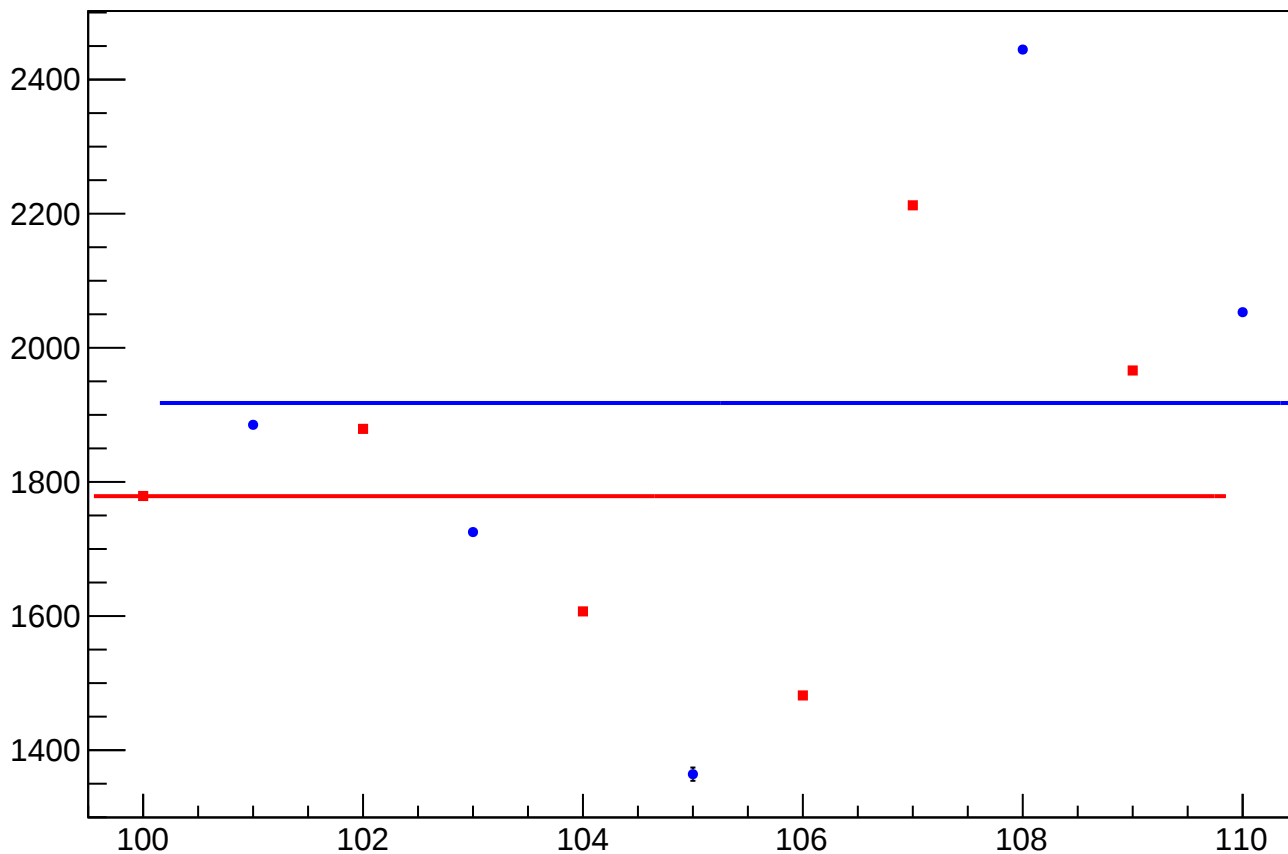
Right Out: -8.996+/-1.191 χ^2/NDF : 65.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.046+/-1.407 χ^2/NDF : 17.1/4

-8.996+/-1.191 χ^2/NDF : 65.2/5

diff_bpm0i01aX_rms vs slug



Right In: 1917.730+/-0.995 χ^2/NDF : 55639.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

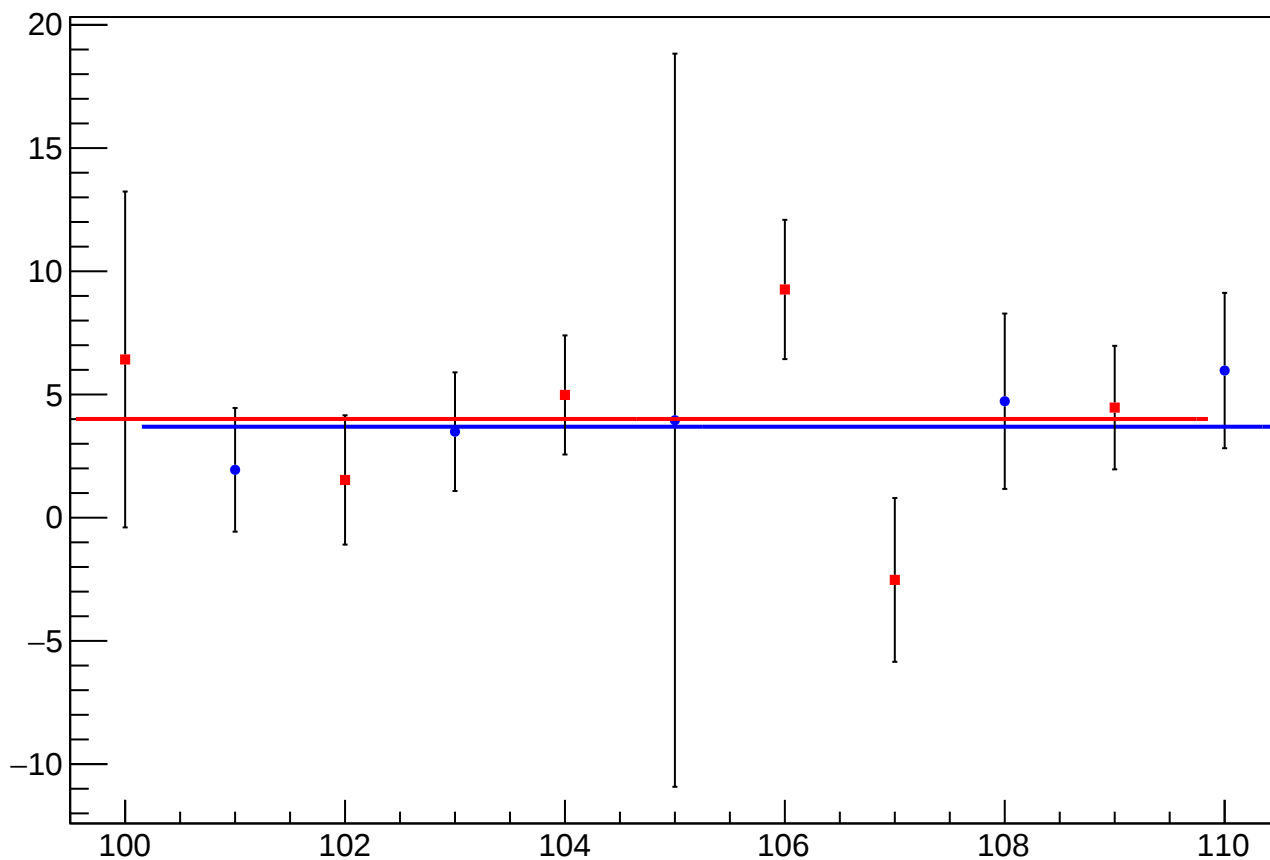
Right Out: 1778.783+/-0.842 χ^2/NDF : 74363.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1917.730+/-0.995 χ^2/NDF : 55639.4/4

1778.783+/-0.842 χ^2/NDF : 74363.7/5

diff_bpm0i01aY_mean vs slug



Right In: 3.692+/-1.393 χ^2/NDF : 1.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

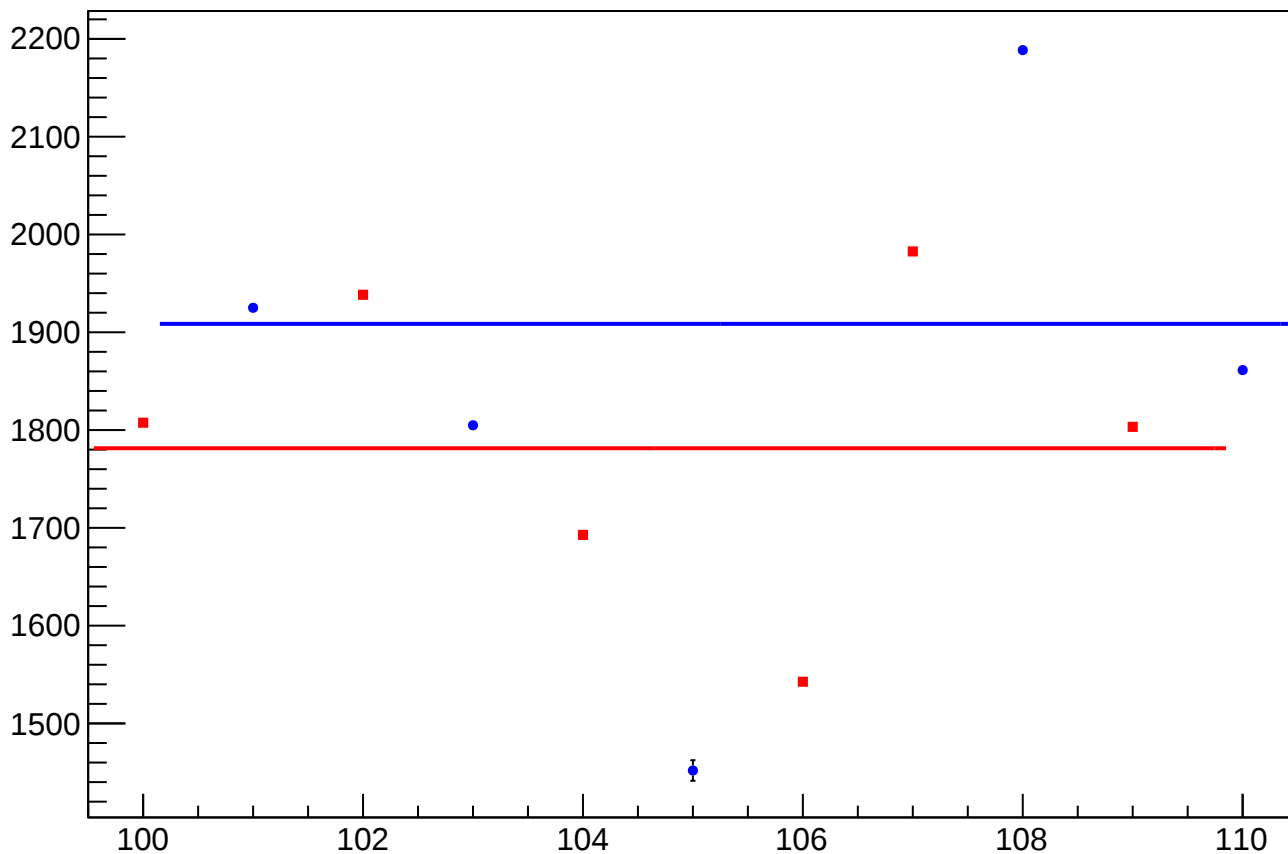
Right Out: 4.007+/-1.184 χ^2/NDF : 8.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.692+/-1.393 χ^2/NDF : 1.1/4

4.007+/-1.184 χ^2/NDF : 8.5/5

diff_bpm0i01aY_rms vs slug



Right In: 1908.607 $\pm$ 0.985 χ^2 /NDF: 18509.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

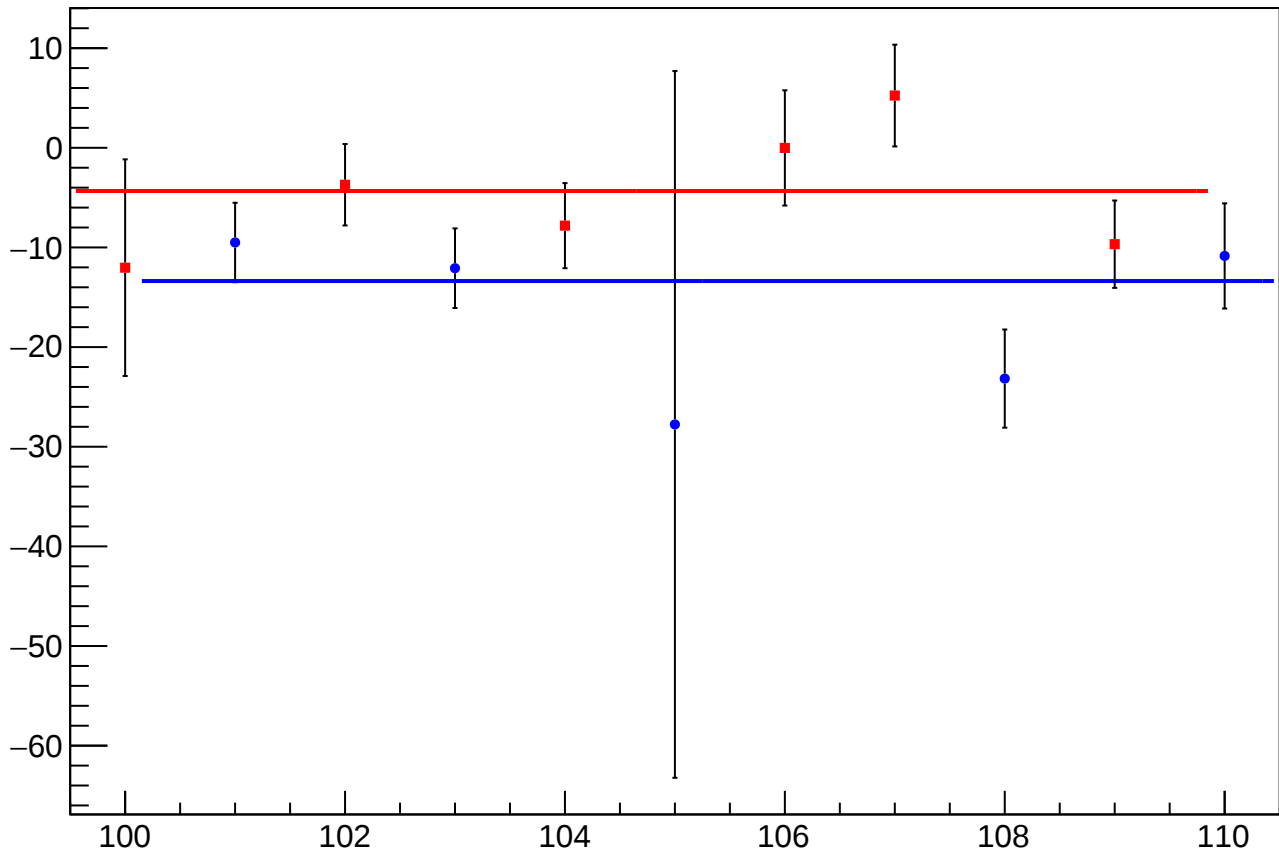
Right Out: 1781.397 $\pm$ 0.838 χ^2 /NDF: 31630.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1908.607 $\pm$ 0.985 χ^2 /NDF: 18509.9/4

1781.397 $\pm$ 0.838 χ^2 /NDF: 31630.1/5

diff_bpm0l01X_mean vs slug



Right In: -13.371+/-2.217 χ^2/NDF : 5.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

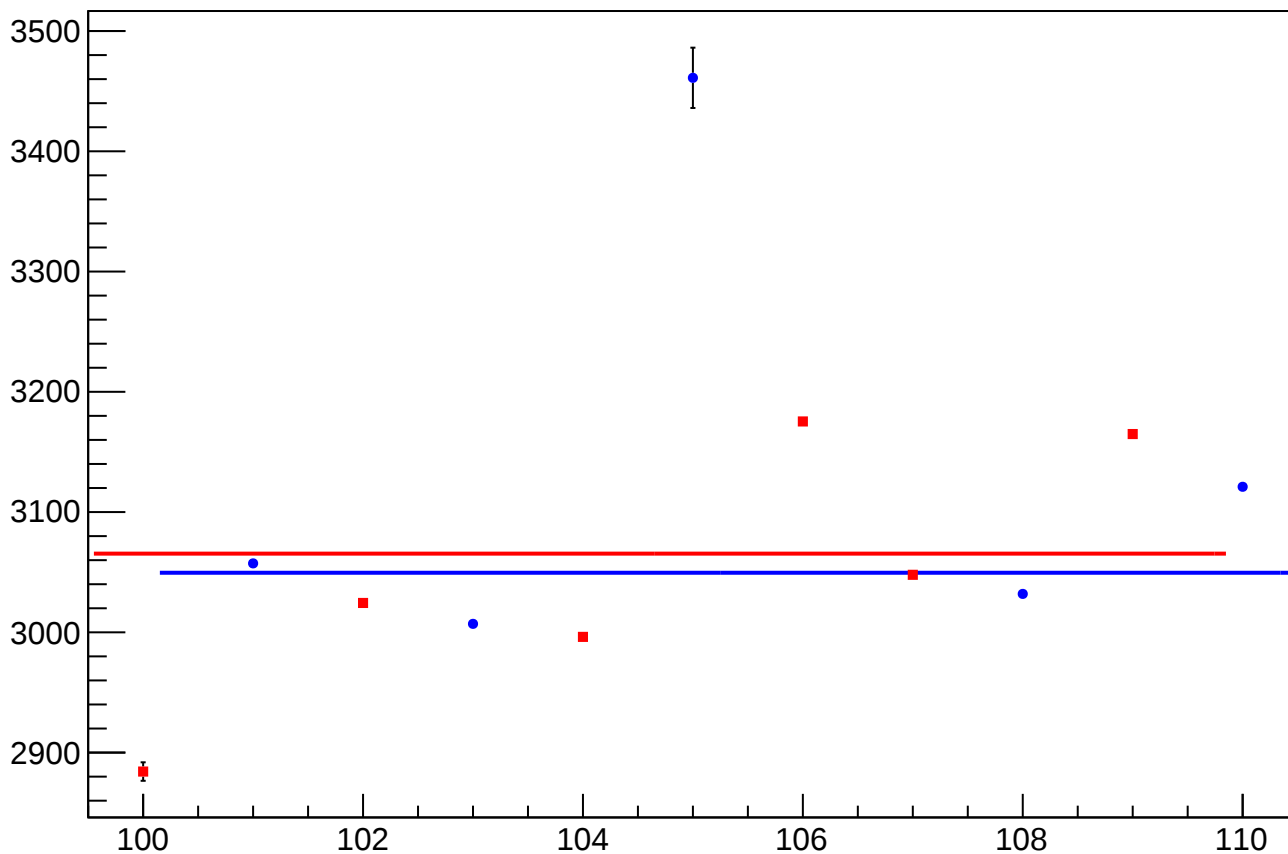
Right Out: -4.333+/-2.027 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-13.371+/-2.217 χ^2/NDF : 5.4/4

-4.333+/-2.027 χ^2/NDF : 6.7/5

diff_bpm0l01X_rms vs slug



Right In: 3049.537+/-1.567 χ^2 /NDF: 895.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

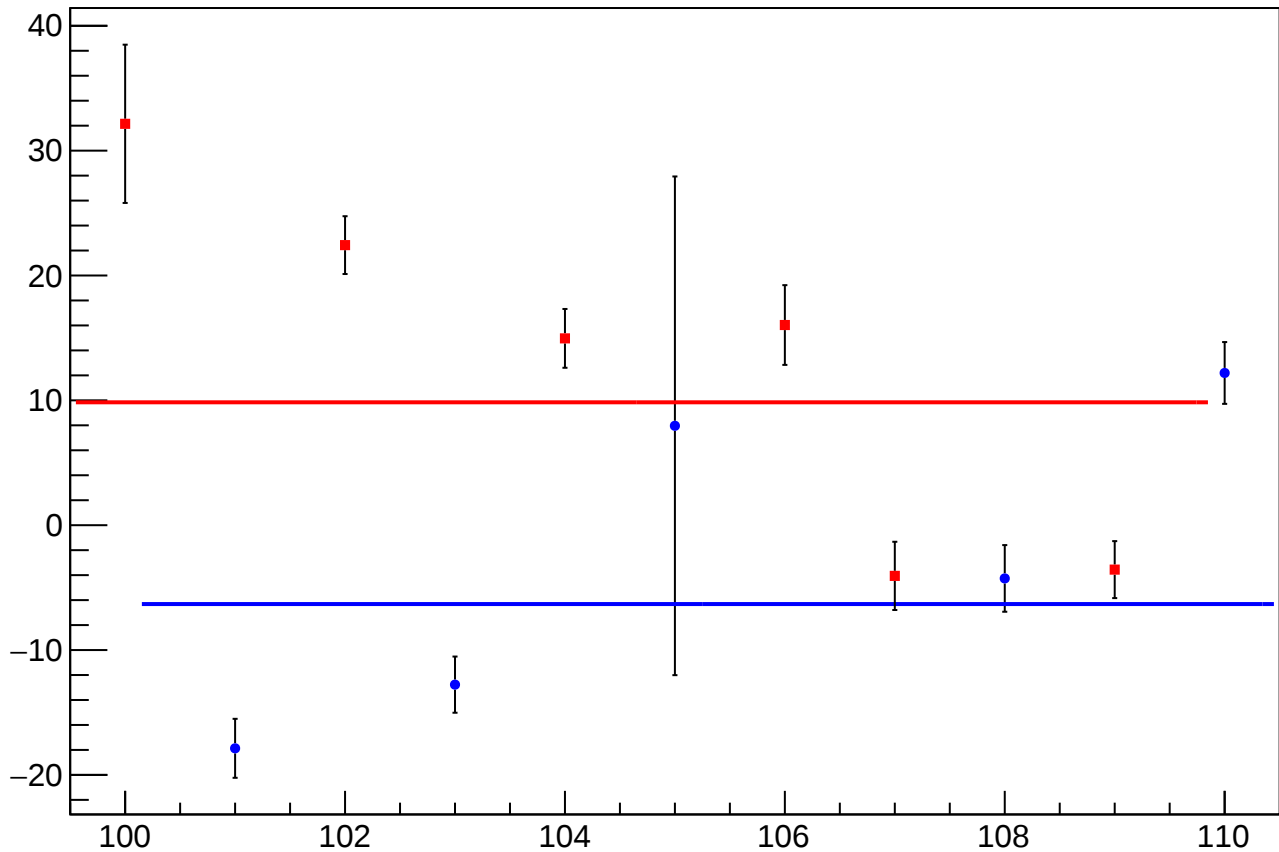
Right Out: 3065.441+/-1.433 χ^2 /NDF: 3058.7/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

3049.537+/-1.567 χ^2 /NDF: 895.6/4

3065.441+/-1.433 χ^2 /NDF: 3058.7/5

diff_bpm0l01Y_mean vs slug



Right In: -6.316+/-1.210 χ^2/NDF : 89.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

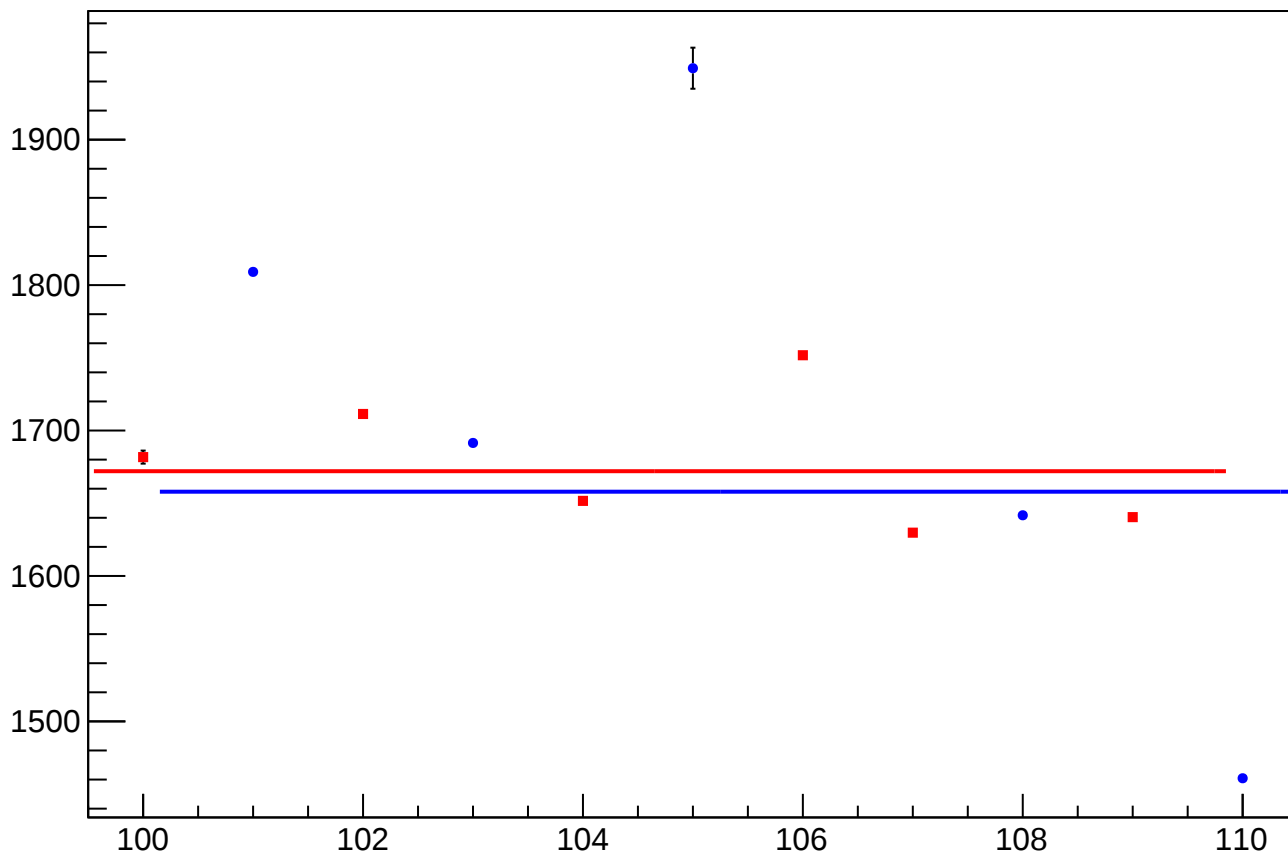
Right Out: 9.843+/-1.107 χ^2/NDF : 110.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.316+/-1.210 χ^2/NDF : 89.2/4

9.843+/-1.107 χ^2/NDF : 110.8/5

diff_bpm0l01Y_rms vs slug



Right In: 1657.941 $\pm$ 0.856 χ^2 /NDF: 21816.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

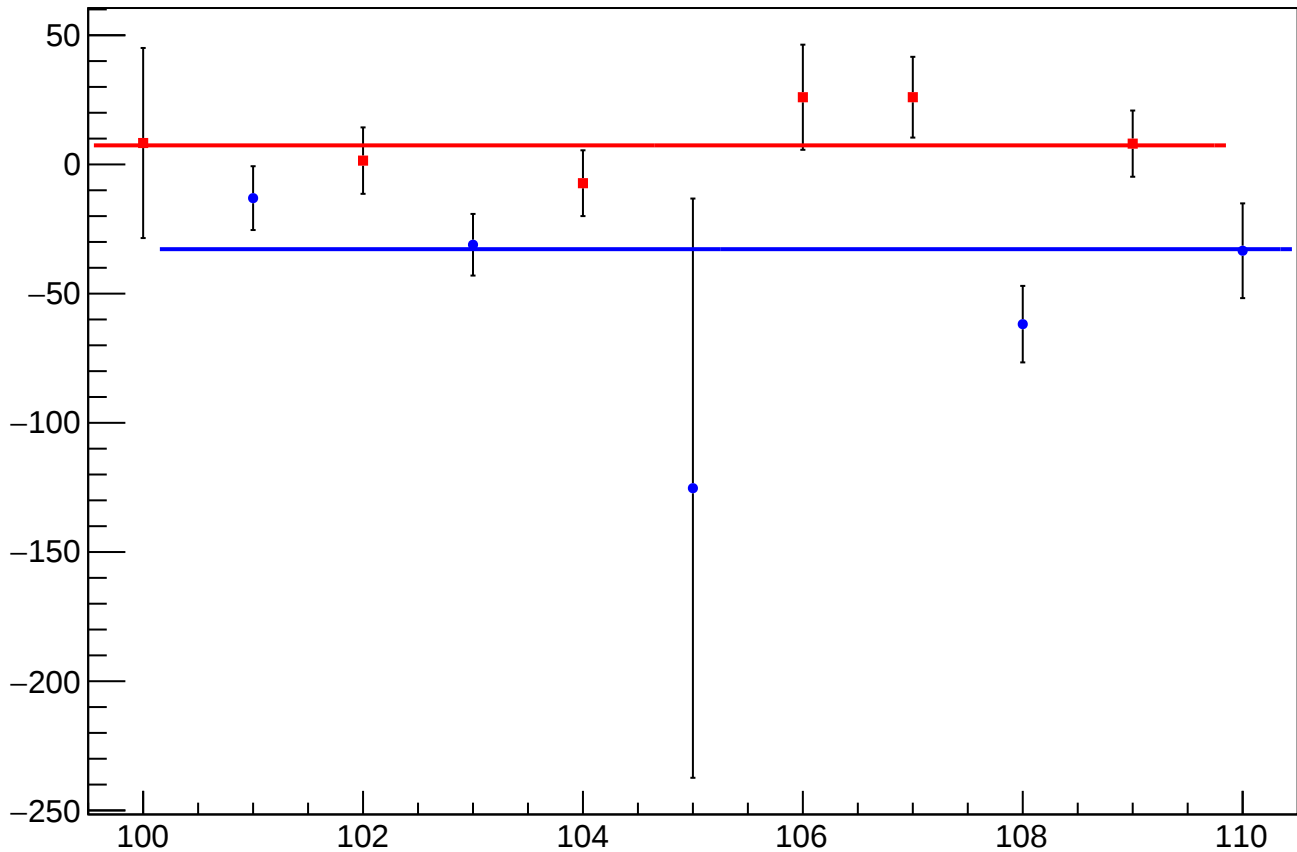
Right Out: 1672.035 $\pm$ 0.783 χ^2 /NDF: 2841.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1657.941 $\pm$ 0.856 χ^2 /NDF: 21816.6/4

1672.035 $\pm$ 0.783 χ^2 /NDF: 2841.3/5

diff_bpm0l02X_mean vs slug



Right In: -32.792 $\pm$ 6.868 χ^2 /NDF: 7.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

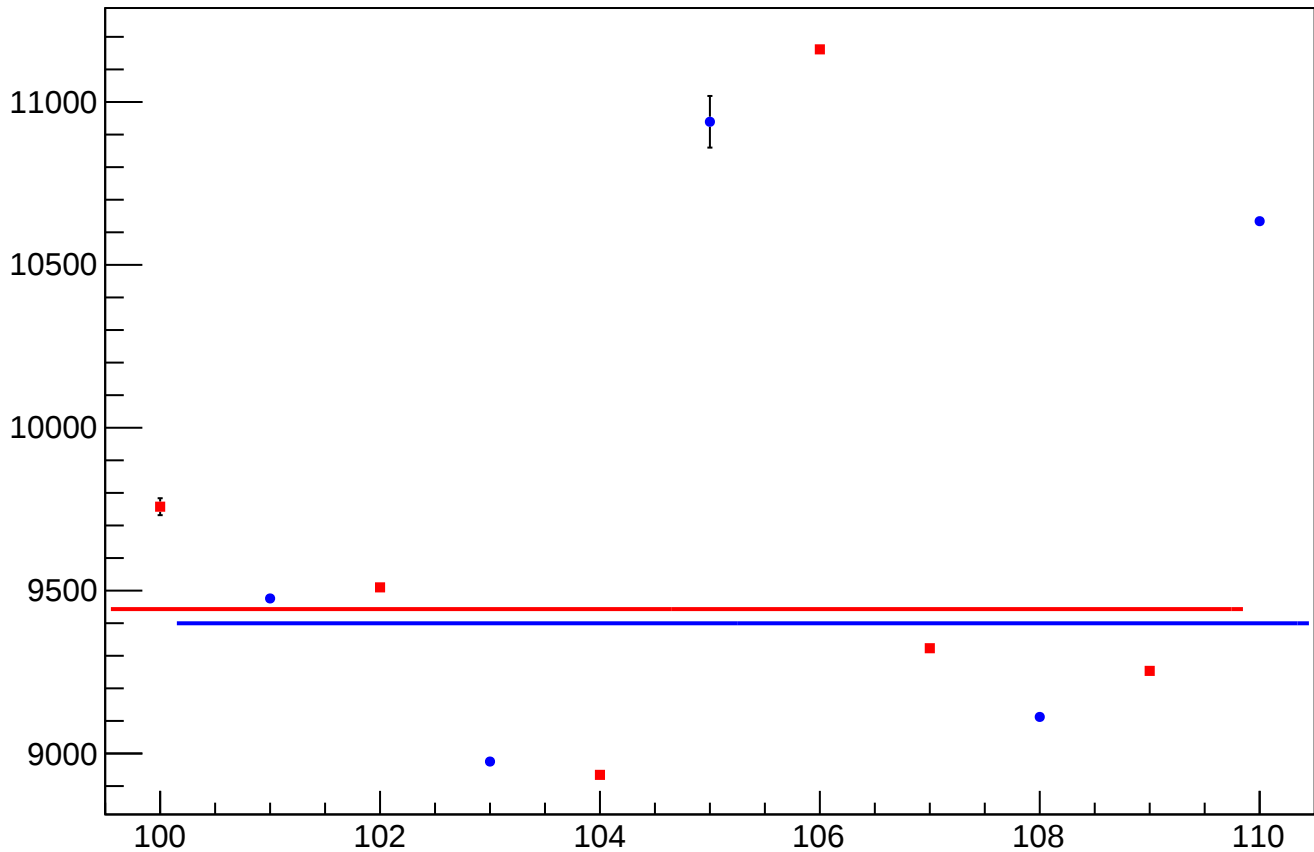
Right Out: 7.380 $\pm$ 6.254 χ^2 /NDF: 3.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-32.792 $\pm$ 6.868 χ^2 /NDF: 7.1/4

7.380 $\pm$ 6.254 χ^2 /NDF: 3.8/5

diff_bpm0l02X_rms vs slug



Right In: 9399.721+/-4.856 χ^2/NDF : 12806.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

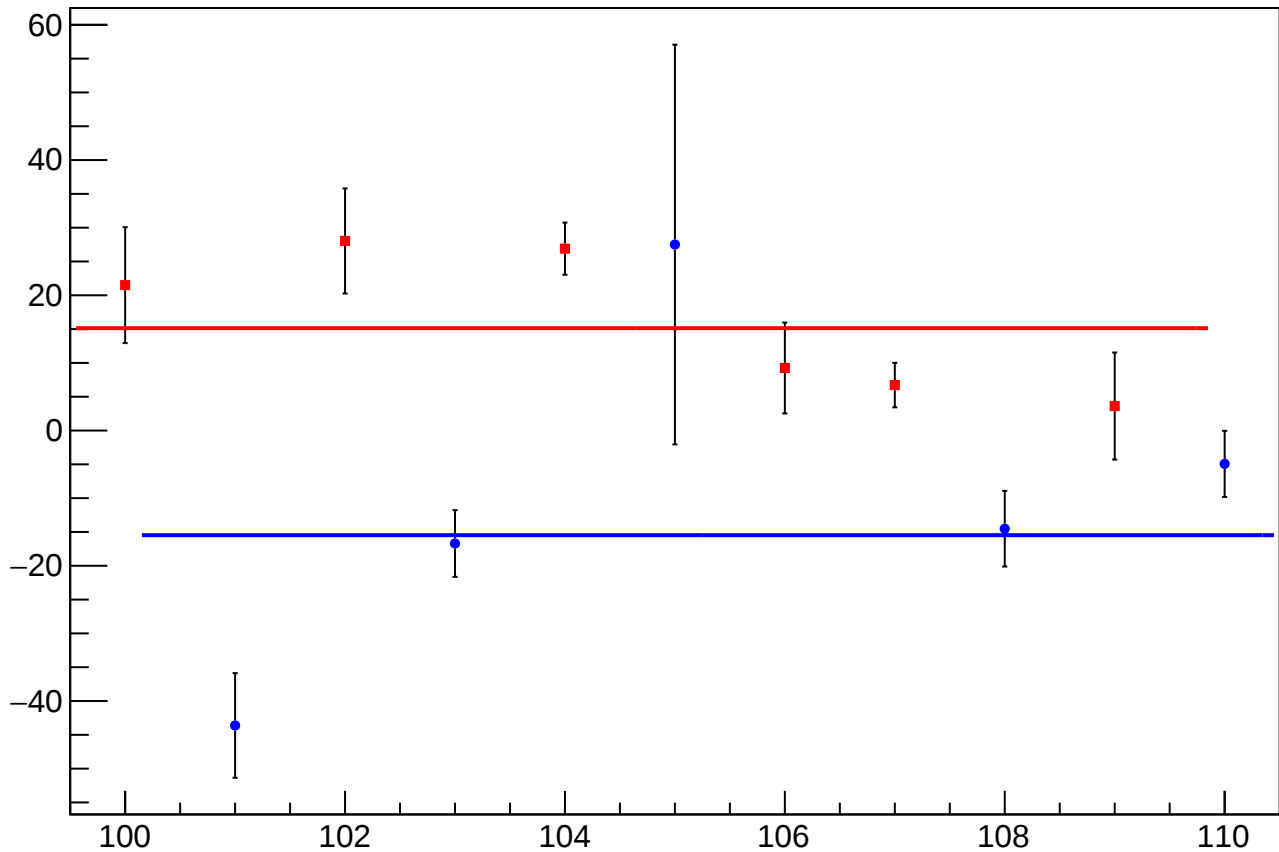
Right Out: 9443.296+/-4.423 χ^2/NDF : 18220.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9399.721+/-4.856 χ^2/NDF : 12806.1/4

9443.296+/-4.423 χ^2/NDF : 18220.3/5

diff_bpm0l02Y_mean vs slug



Right In: -15.472 $\pm$ 2.746 χ^2 /NDF: 20.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

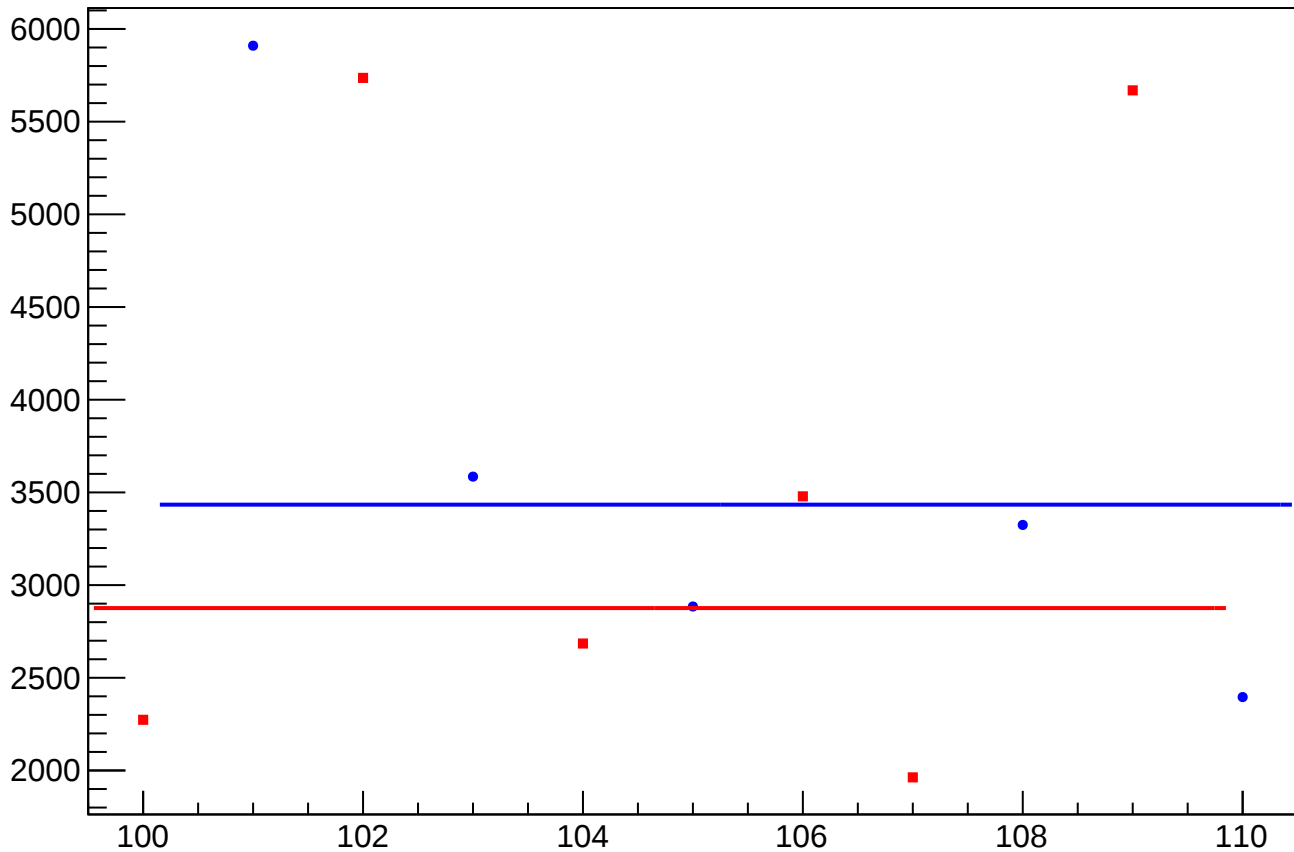
Right Out: 15.135 $\pm$ 2.096 χ^2 /NDF: 22.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-15.472 $\pm$ 2.746 χ^2 /NDF: 20.1/4

15.135 $\pm$ 2.096 χ^2 /NDF: 22.0/5

diff_bpm0l02Y_rms vs slug



Right In: 3433.992+/-1.942 χ^2/NDF : 298025.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

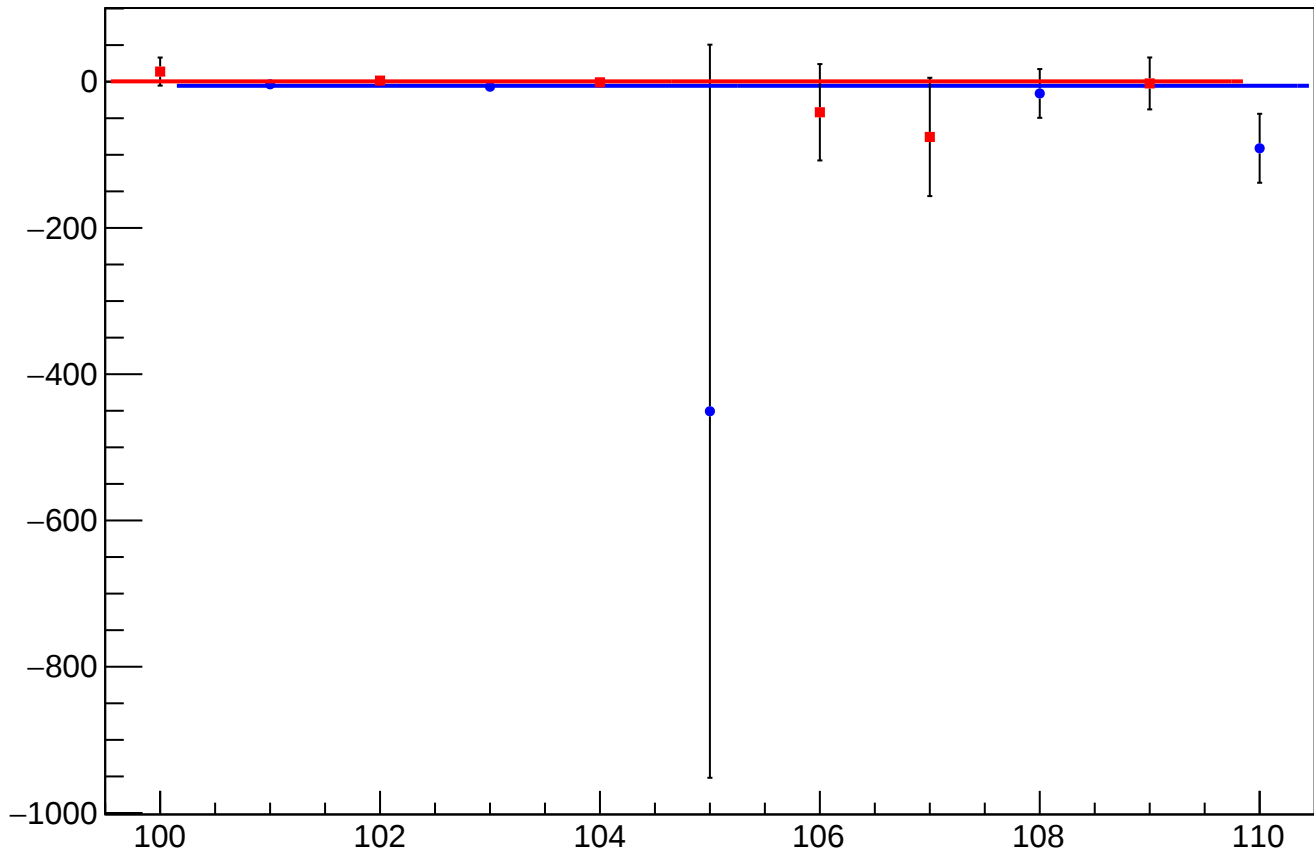
3433.992+/-1.942 χ^2/NDF : 298025.4/4

Right Out: 2876.070+/-1.482 χ^2/NDF : 704499.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2876.070+/-1.482 χ^2/NDF : 704499.2/5

diff_bpm0l03X_mean vs slug



Right In: -5.627+/-2.702 χ^2 /NDF: 4.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

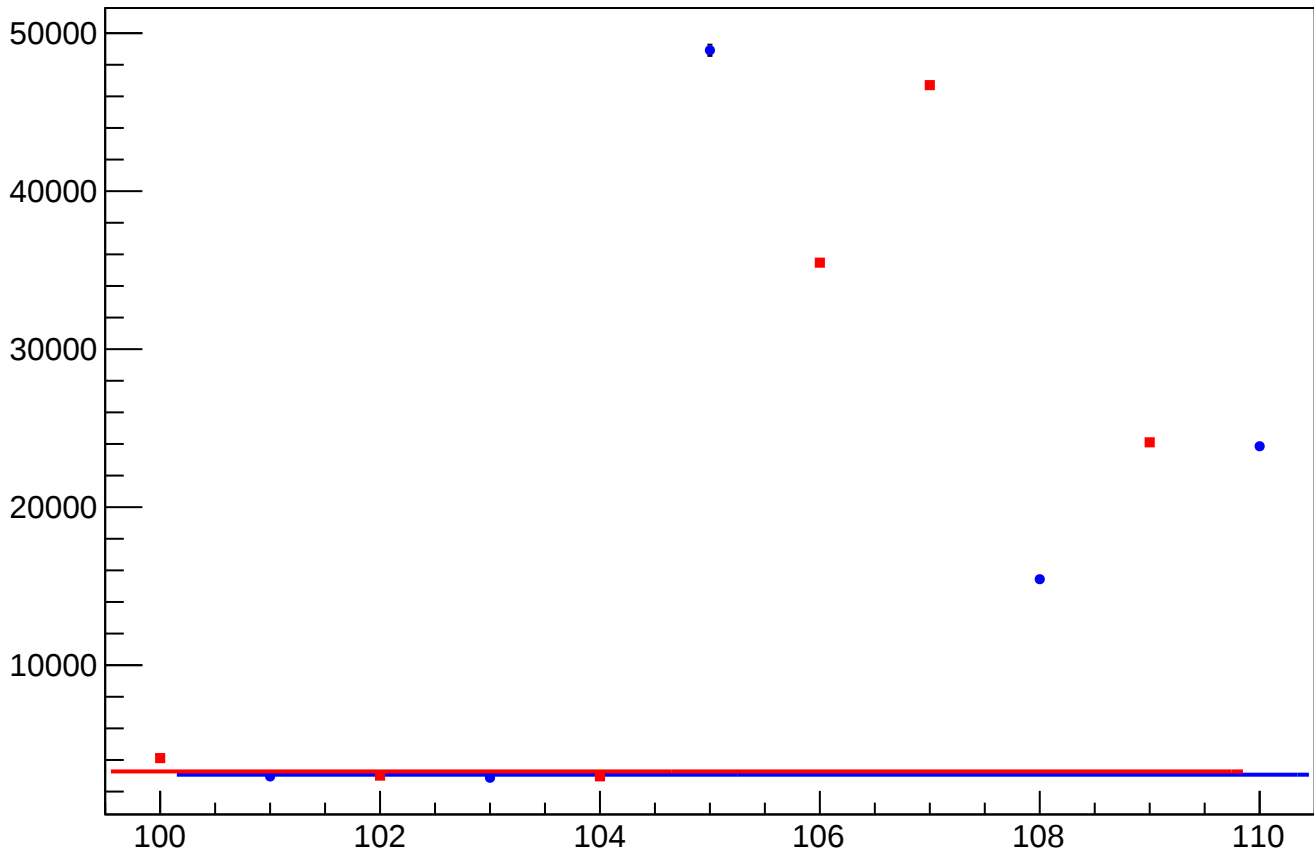
Right Out: 0.405+/-2.904 χ^2 /NDF: 1.9/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-5.627+/-2.702 χ^2 /NDF: 4.6/4

0.405+/-2.904 χ^2 /NDF: 1.9/5

diff_bpm0l03X_rms vs slug



Right In: 3068.127+/-1.910 χ^2/NDF : 687682.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

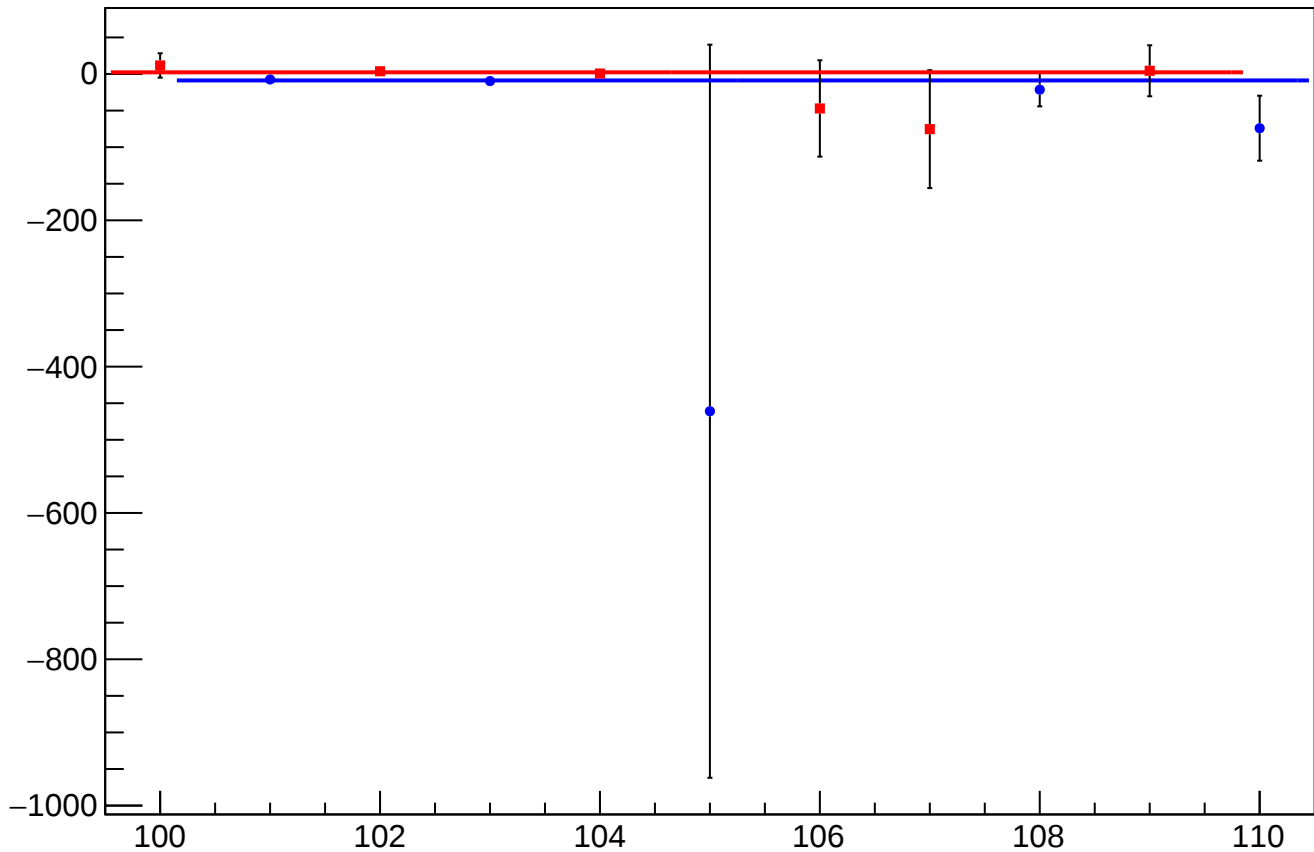
3068.127+/-1.910 χ^2/NDF : 687682.6/4

Right Out: 3274.806+/-2.053 χ^2/NDF : 1765671.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3274.806+/-2.053 χ^2/NDF : 1765671.9/5

diff_bpm0l03Y_mean vs slug



Right In: -8.784+/-1.849 χ^2 /NDF: 3.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

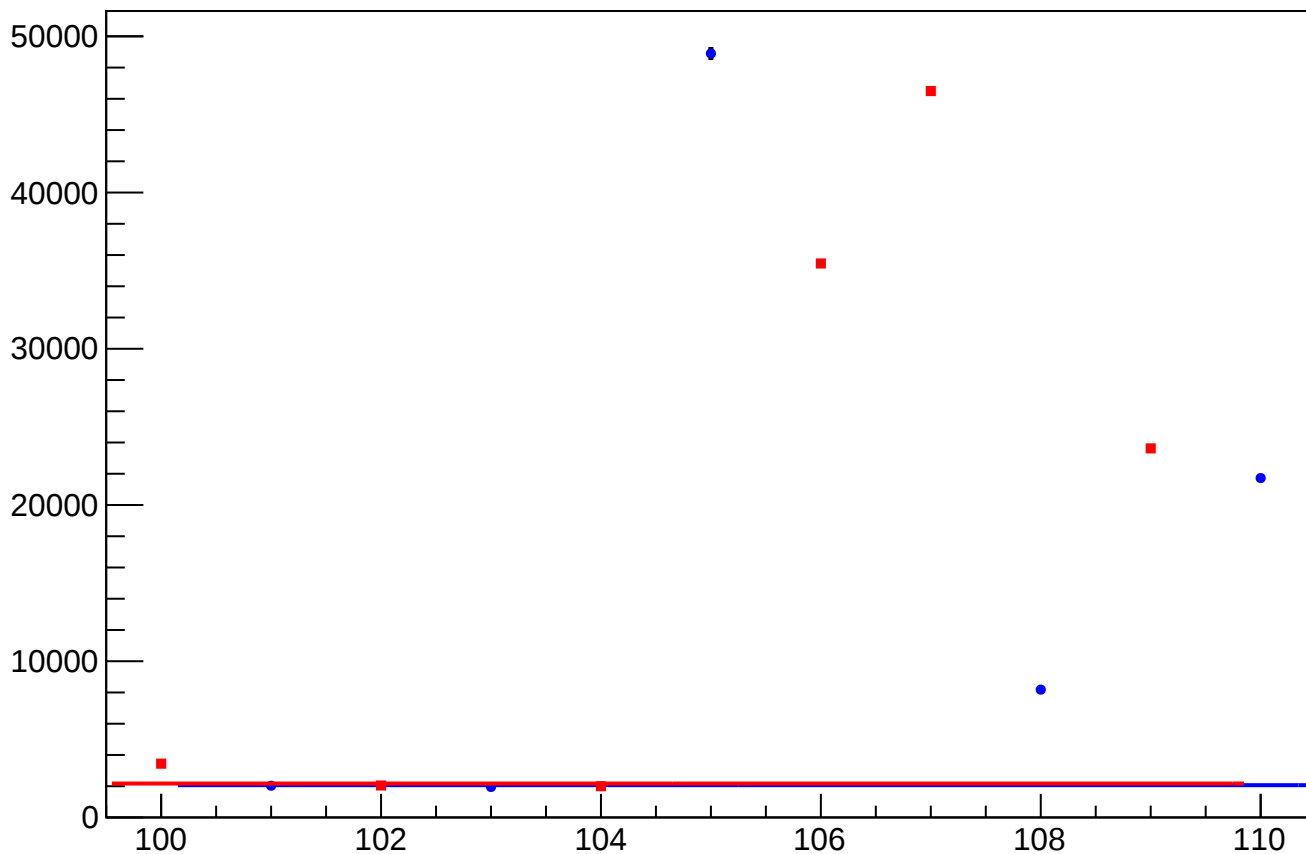
Right Out: 2.298+/-1.994 χ^2 /NDF: 2.4/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-8.784+/-1.849 χ^2 /NDF: 3.6/4

2.298+/-1.994 χ^2 /NDF: 2.4/5

diff_bpm0l03Y_rms vs slug



Right In: 2065.990+/-1.307 χ^2/NDF : 557610.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

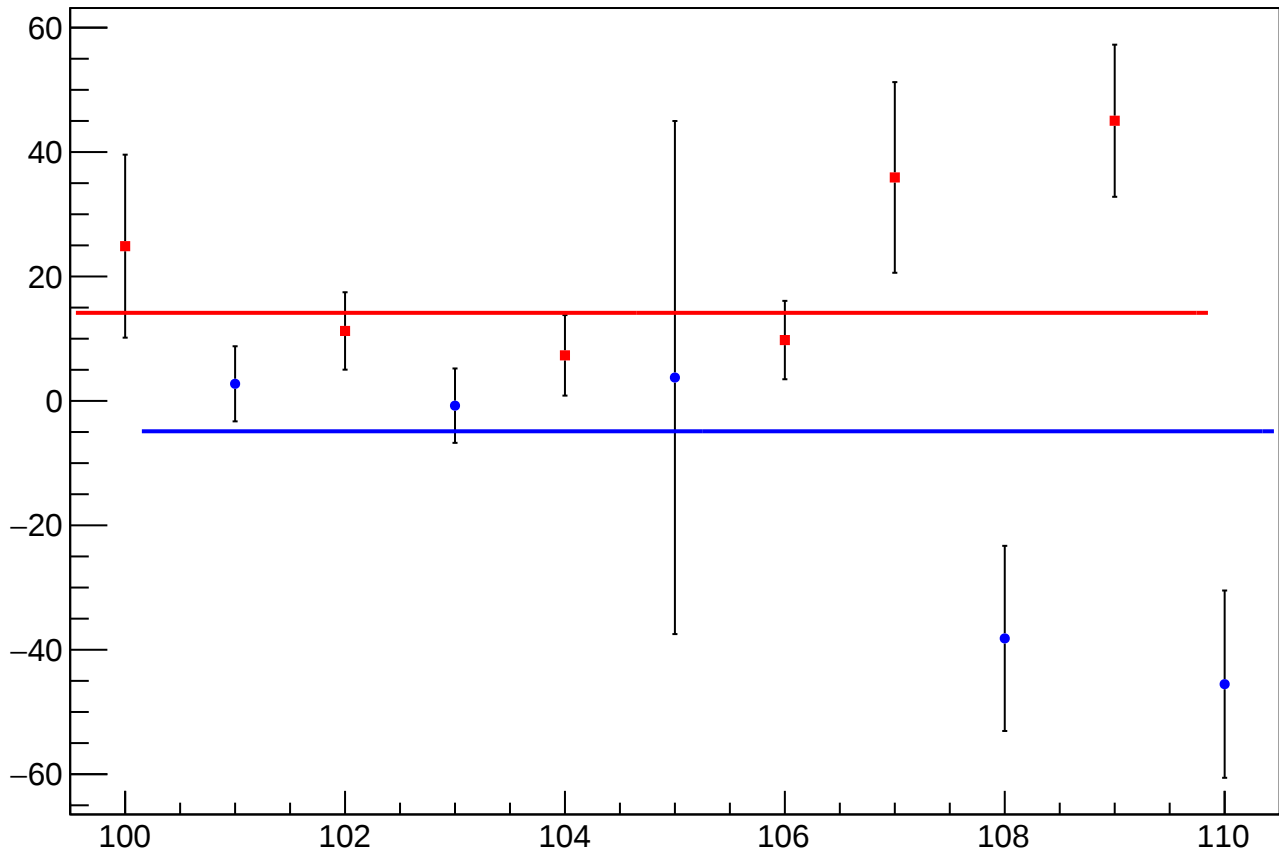
Right Out: 2171.933+/-1.410 χ^2/NDF : 1896291.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2065.990+/-1.307 χ^2/NDF : 557610.4/4

2171.933+/-1.410 χ^2/NDF : 1896291.4/5

diff_bpm0l04X_mean vs slug



Right In: -4.882 ± 3.924 $\chi^2/\text{NDF}: 14.4/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

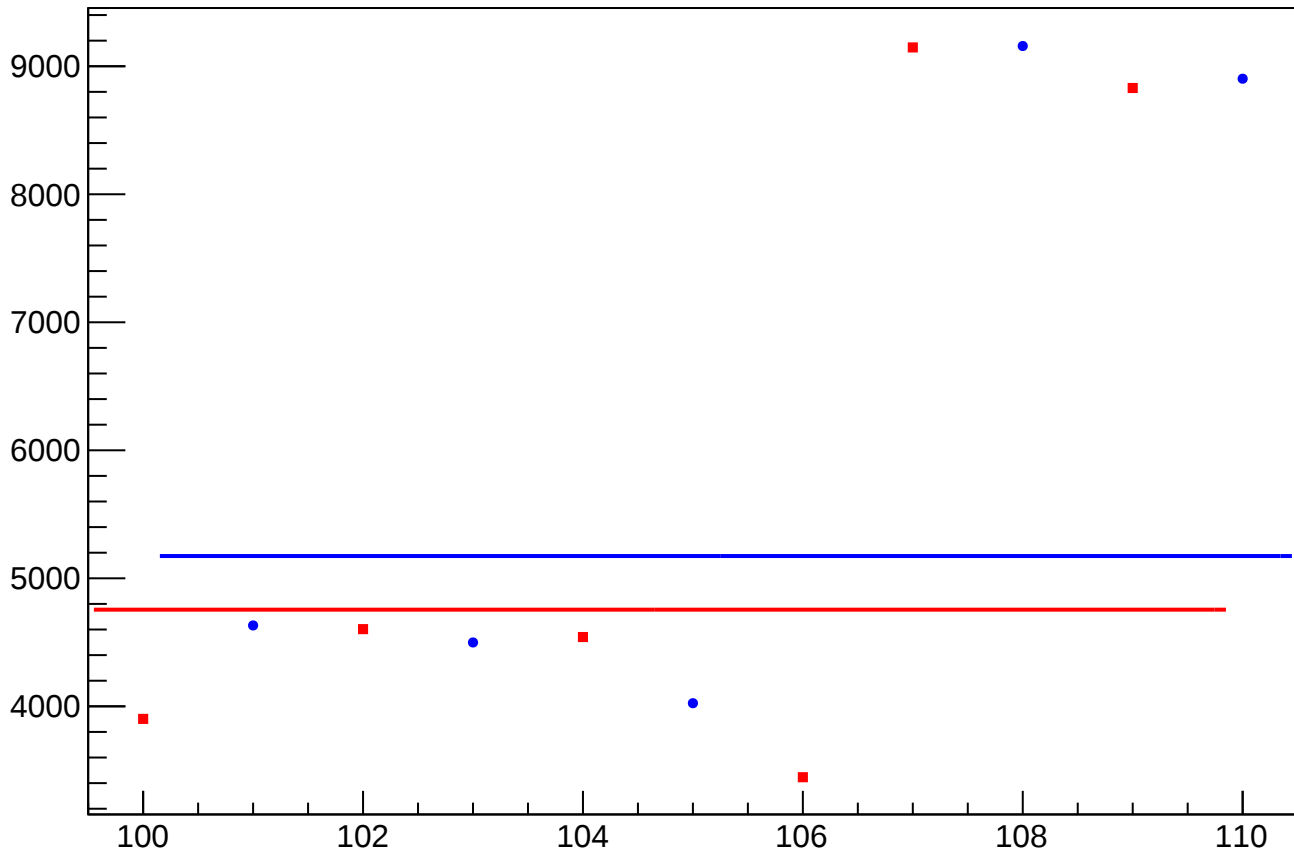
Right Out: 14.158 ± 3.324 $\chi^2/\text{NDF}: 10.7/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-4.882 ± 3.924 $\chi^2/\text{NDF}: 14.4/4$

14.158 ± 3.324 $\chi^2/\text{NDF}: 10.7/5$

diff_bpm0l04X_rms vs slug



Right In: 5174.055+/-2.775 χ^2/NDF : 309312.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

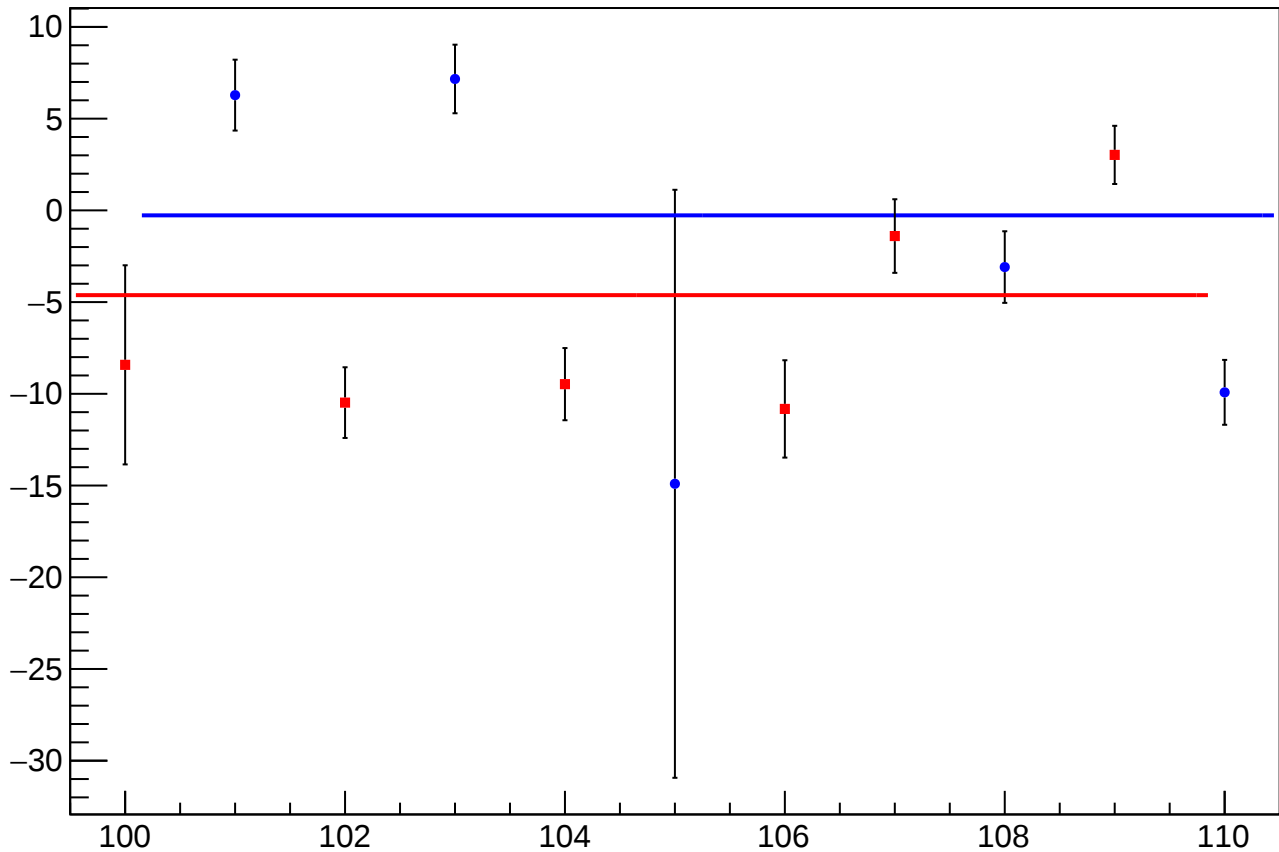
Right Out: 4755.068+/-2.351 χ^2/NDF : 482917.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5174.055+/-2.775 χ^2/NDF : 309312.6/4

4755.068+/-2.351 χ^2/NDF : 482917.1/5

diff_bpm0l04Y_mean vs slug



Right In: -0.272 $\pm$ 0.937 χ^2 /NDF: 60.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

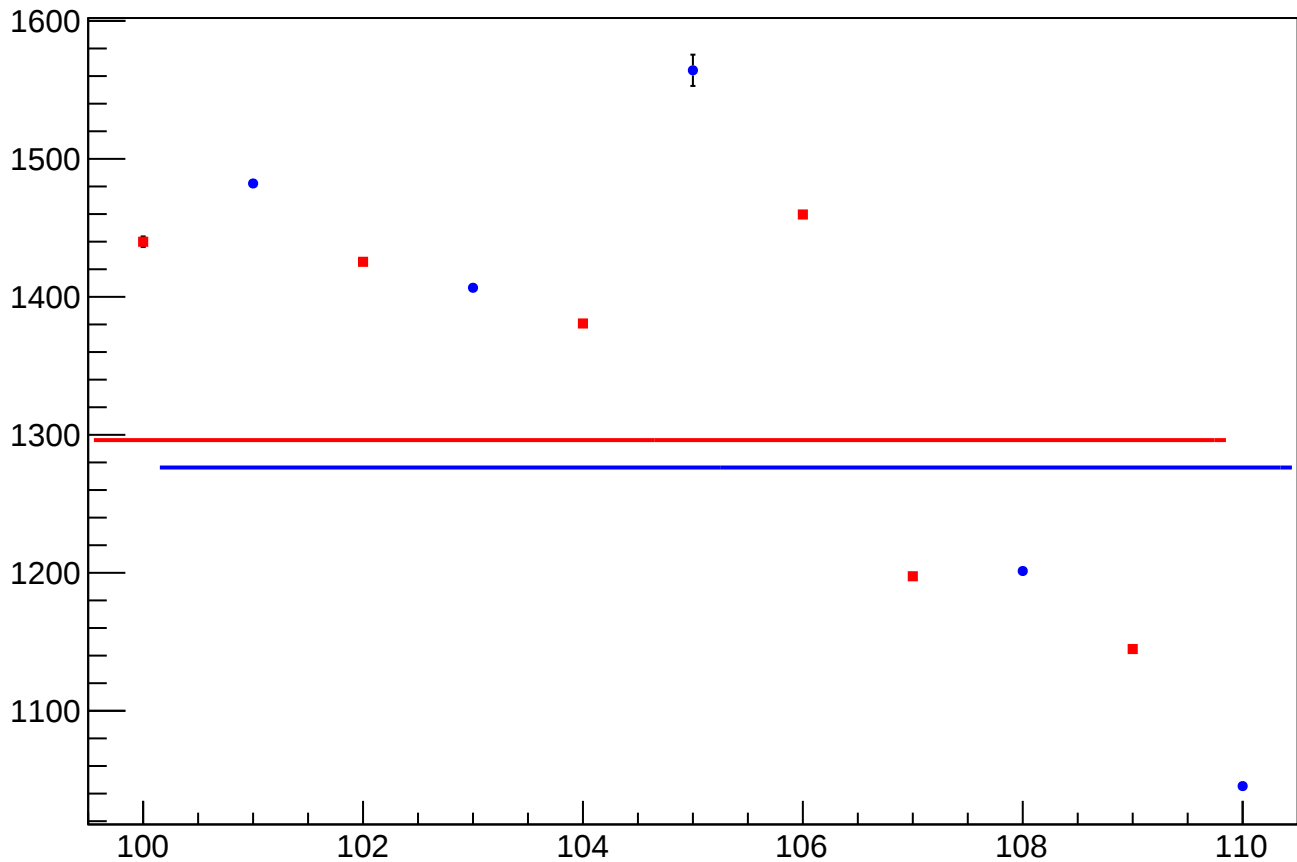
Right Out: -4.622 $\pm$ 0.861 χ^2 /NDF: 47.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.272 $\pm$ 0.937 χ^2 /NDF: 60.0/4

-4.622 $\pm$ 0.861 χ^2 /NDF: 47.1/5

diff_bpm0l04Y_rms vs slug



Right In: 1276.316 $\pm$ 0.662 χ^2 /NDF: 70095.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

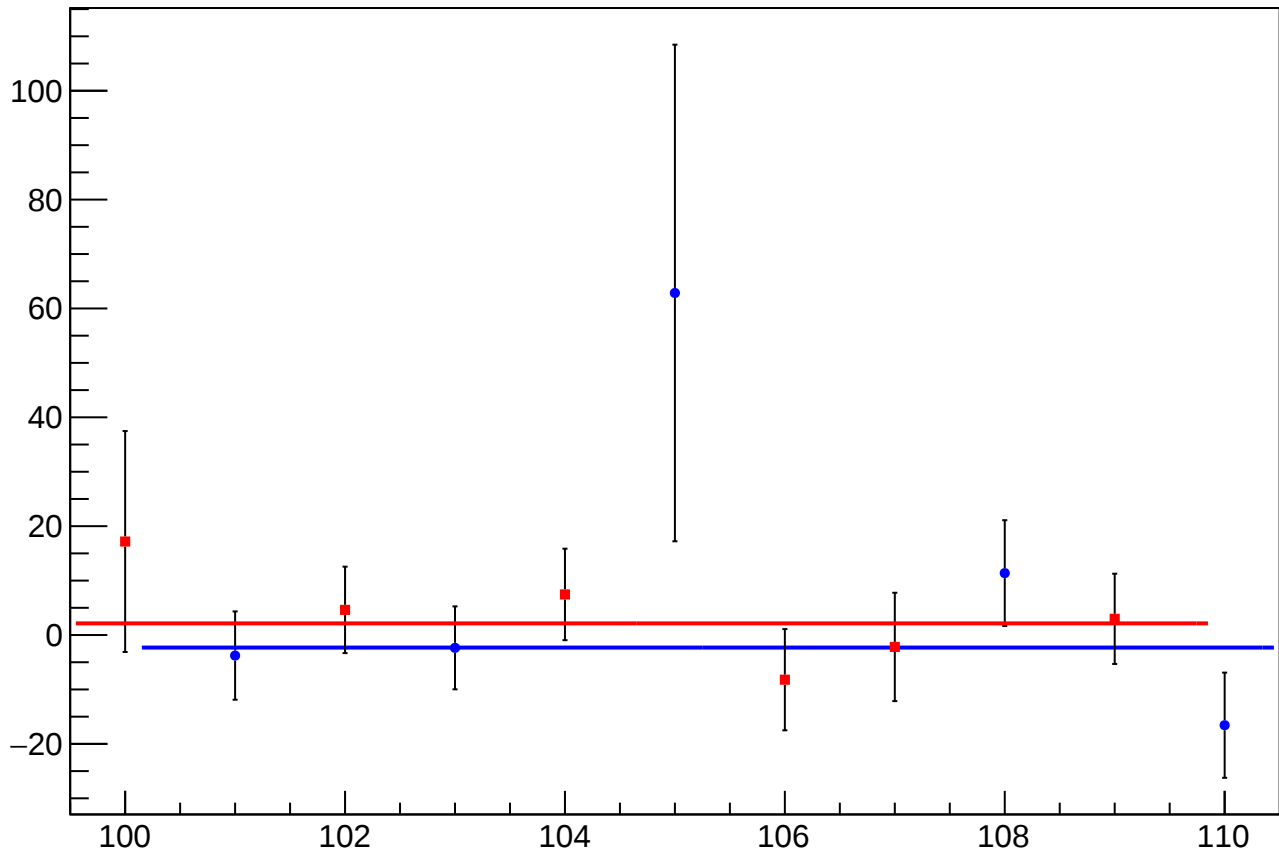
Right Out: 1296.184 $\pm$ 0.609 χ^2 /NDF: 44751.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1276.316 $\pm$ 0.662 χ^2 /NDF: 70095.9/4

1296.184 $\pm$ 0.609 χ^2 /NDF: 44751.8/5

diff_bpm0l05X_mean vs slug



Right In: -2.305+/-4.296 χ^2/NDF : 6.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

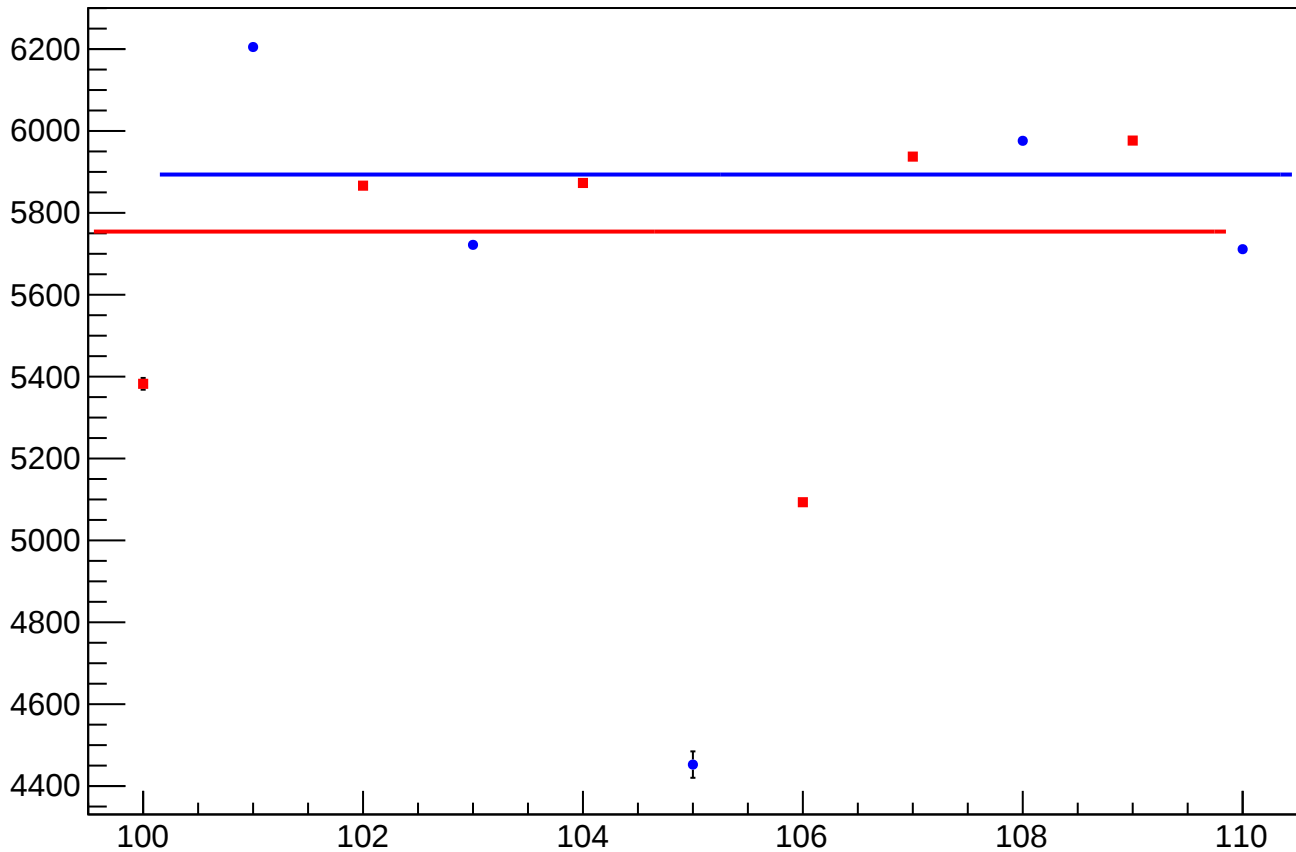
Right Out: 2.141+/-3.817 χ^2/NDF : 2.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.305+/-4.296 χ^2/NDF : 6.2/4

2.141+/-3.817 χ^2/NDF : 2.5/5

diff_bpm0l05X_rms vs slug



Right In: 5893.598 $\pm$ 3.038 χ^2 /NDF: 6814.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

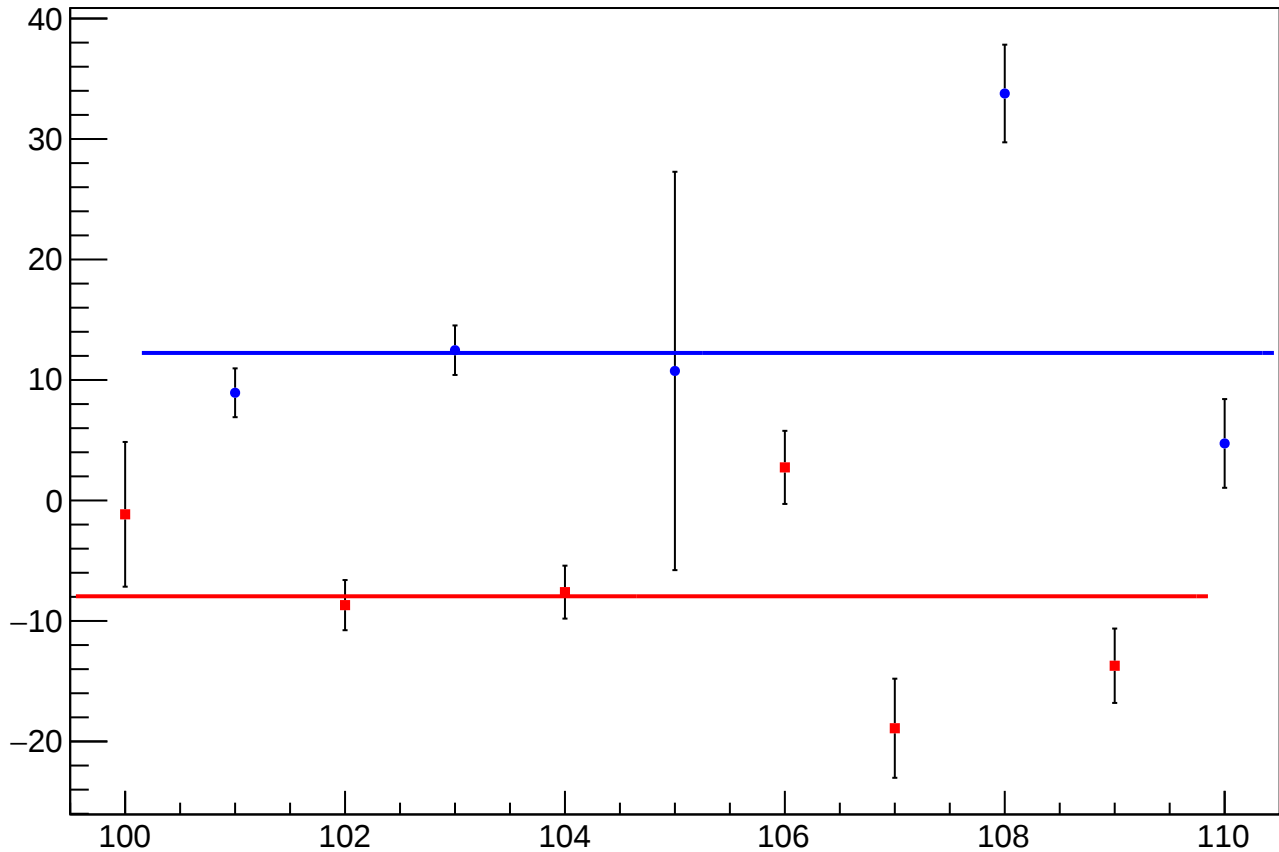
5893.598 $\pm$ 3.038 χ^2 /NDF: 6814.7/4

Right Out: 5754.277 $\pm$ 2.699 χ^2 /NDF: 13683.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5754.277 $\pm$ 2.699 χ^2 /NDF: 13683.2/5

diff_bpm0l05Y_mean vs slug



Right In: 12.245+/-1.271 χ^2/NDF : 35.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

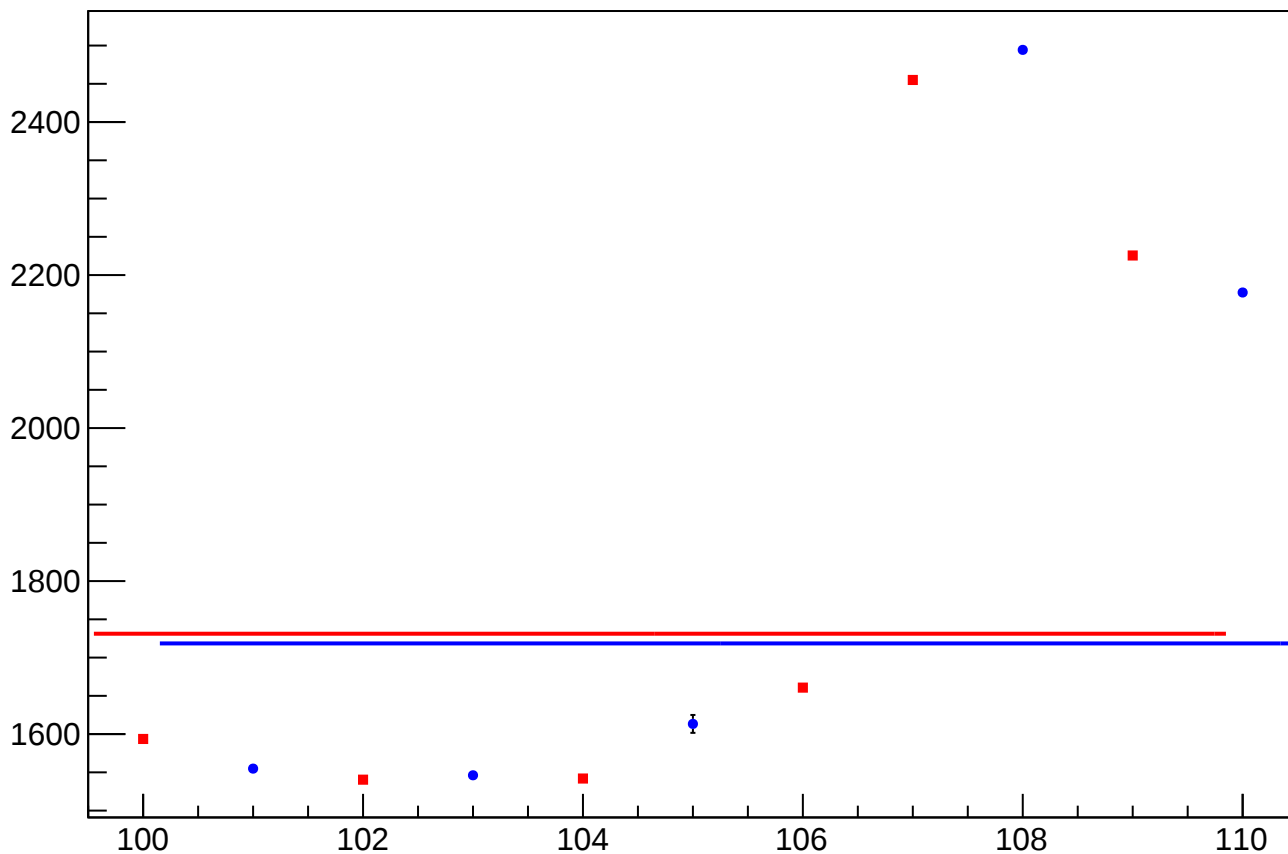
Right Out: -7.952+/-1.164 χ^2/NDF : 24.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.245+/-1.271 χ^2/NDF : 35.1/4

-7.952+/-1.164 χ^2/NDF : 24.4/5

diff_bpm0l05Y_rms vs slug



Right In: 1718.515 $\pm$ 0.899 χ^2 /NDF: 131532.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

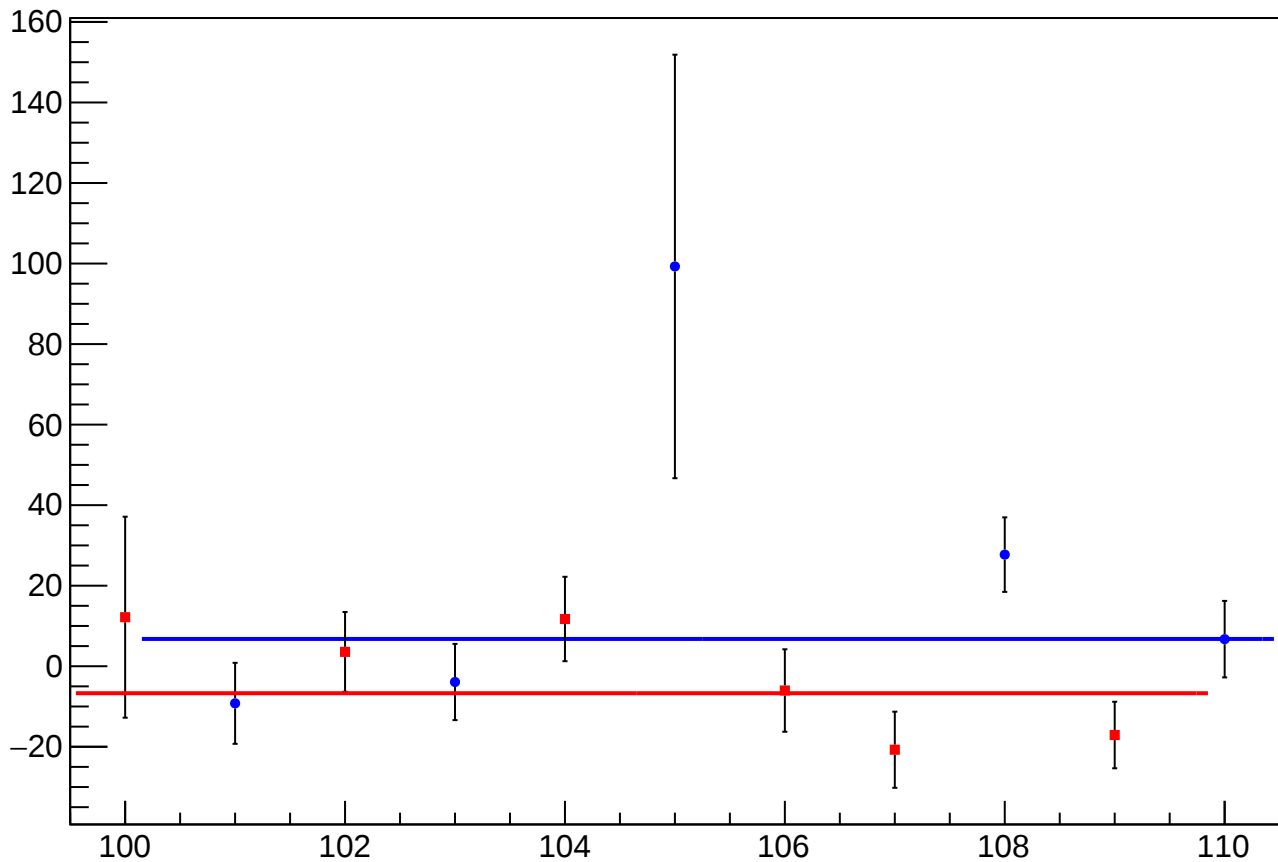
Right Out: 1731.198 $\pm$ 0.823 χ^2 /NDF: 147018.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1718.515 $\pm$ 0.899 χ^2 /NDF: 131532.5/4

1731.198 $\pm$ 0.823 χ^2 /NDF: 147018.1/5

diff_bpm0l06X_mean vs slug



Right In: 6.776+/-4.758 χ^2/NDF : 12.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

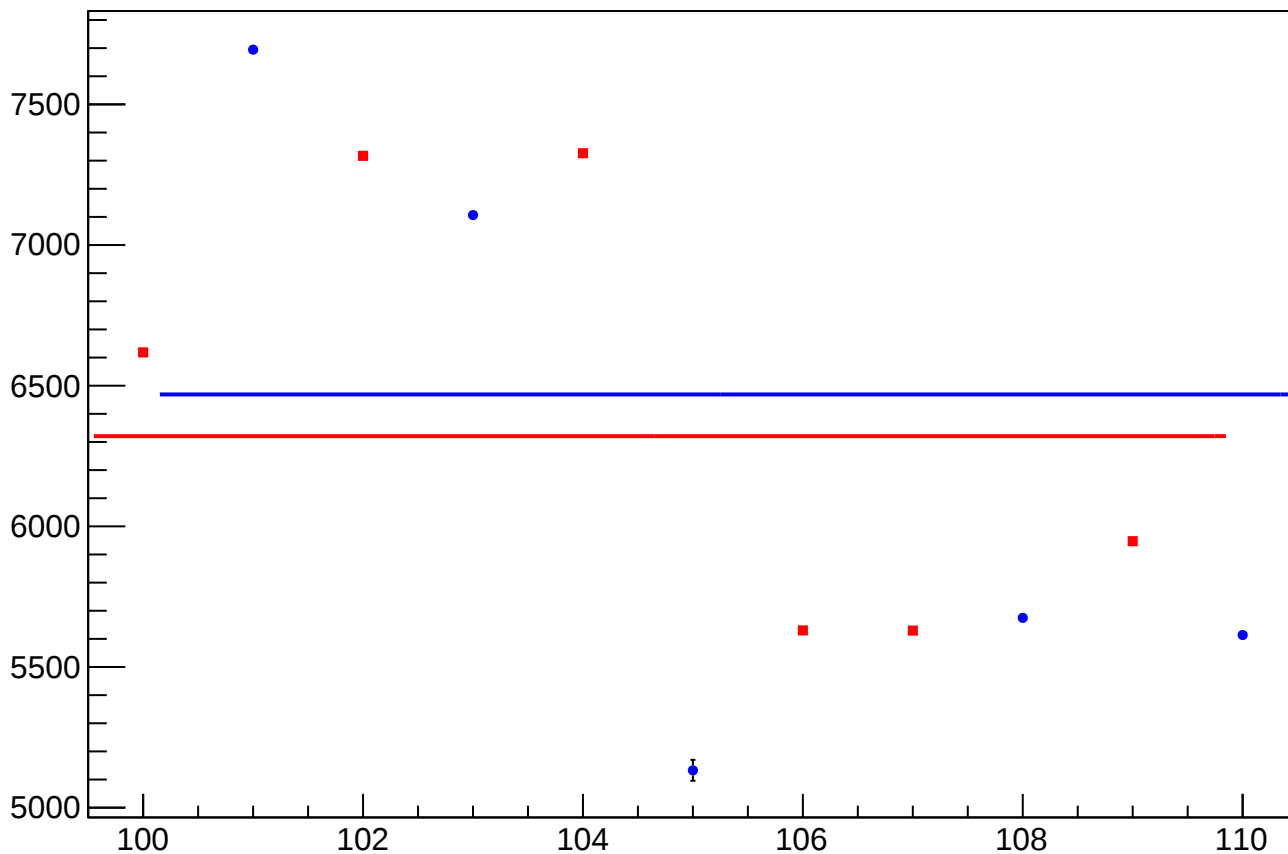
Right Out: -6.704+/-4.215 χ^2/NDF : 8.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.776+/-4.758 χ^2/NDF : 12.0/4

-6.704+/-4.215 χ^2/NDF : 8.5/5

diff_bpm0l06X_rms vs slug



Right In: 6468.890+/-3.365 χ^2/NDF : 70998.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

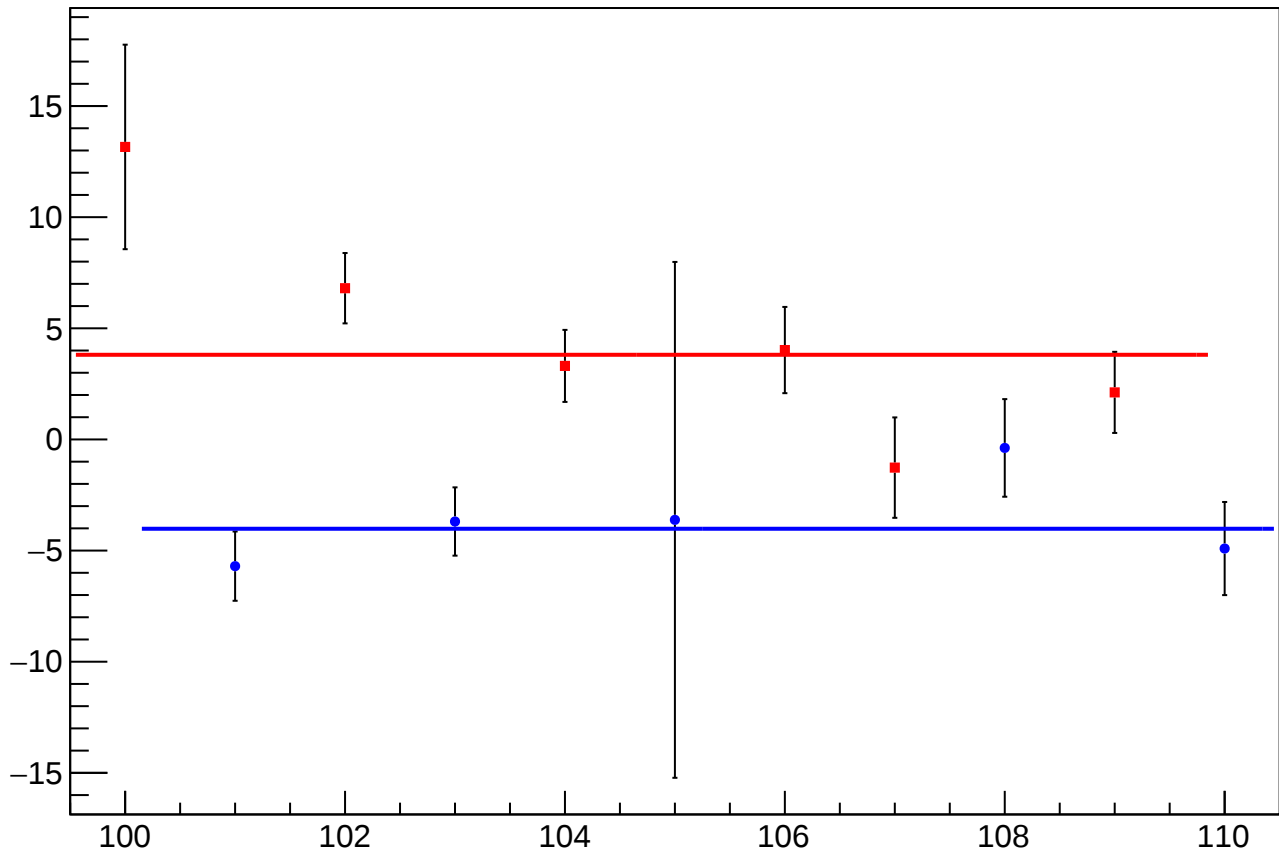
Right Out: 6320.582+/-2.980 χ^2/NDF : 62826.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6468.890+/-3.365 χ^2/NDF : 70998.7/4

6320.582+/-2.980 χ^2/NDF : 62826.8/5

diff_bpm0l06Y_mean vs slug



Right In: -4.018 $\pm$ 0.884 χ^2 /NDF: 4.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

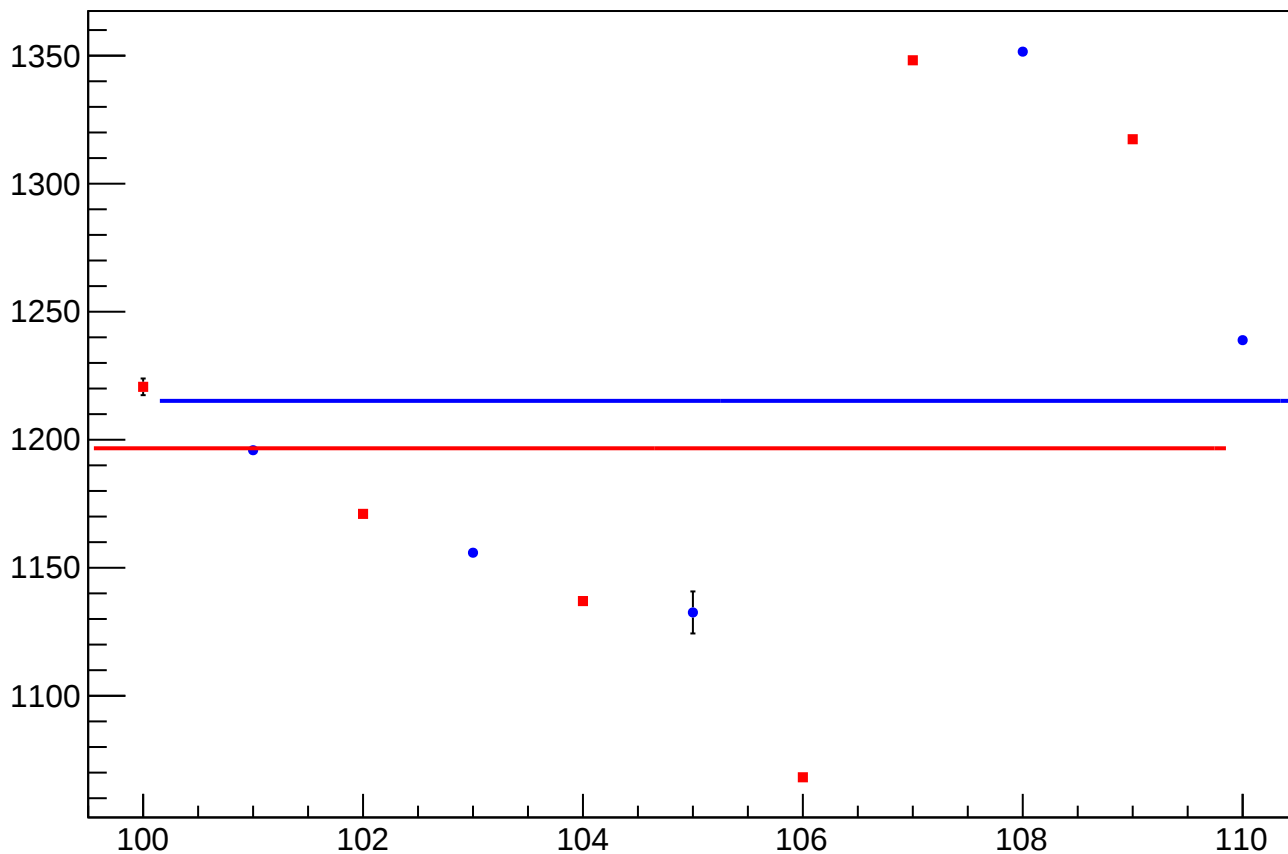
Right Out: 3.809 $\pm$ 0.793 χ^2 /NDF: 13.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-4.018 $\pm$ 0.884 χ^2 /NDF: 4.1/4

3.809 $\pm$ 0.793 χ^2 /NDF: 13.7/5

diff_bpm0l06Y_rms vs slug



Right In: 1215.186+/-0.625 χ^2/NDF : 11359.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

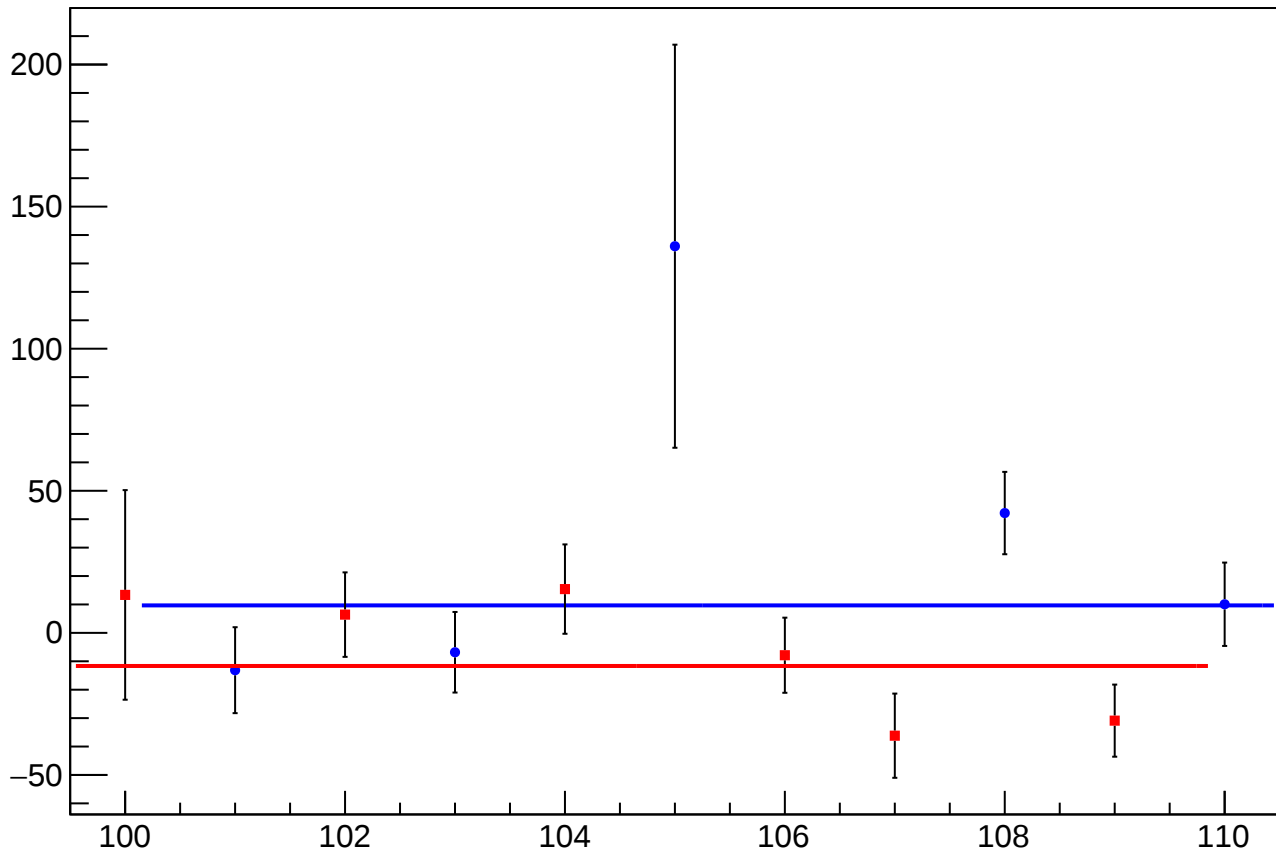
Right Out: 1196.665+/-0.561 χ^2/NDF : 29818.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1215.186+/-0.625 χ^2/NDF : 11359.7/4

1196.665+/-0.561 χ^2/NDF : 29818.5/5

diff_bpm0l07X_mean vs slug



Right In: 9.668+/-7.263 χ^2/NDF : 11.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

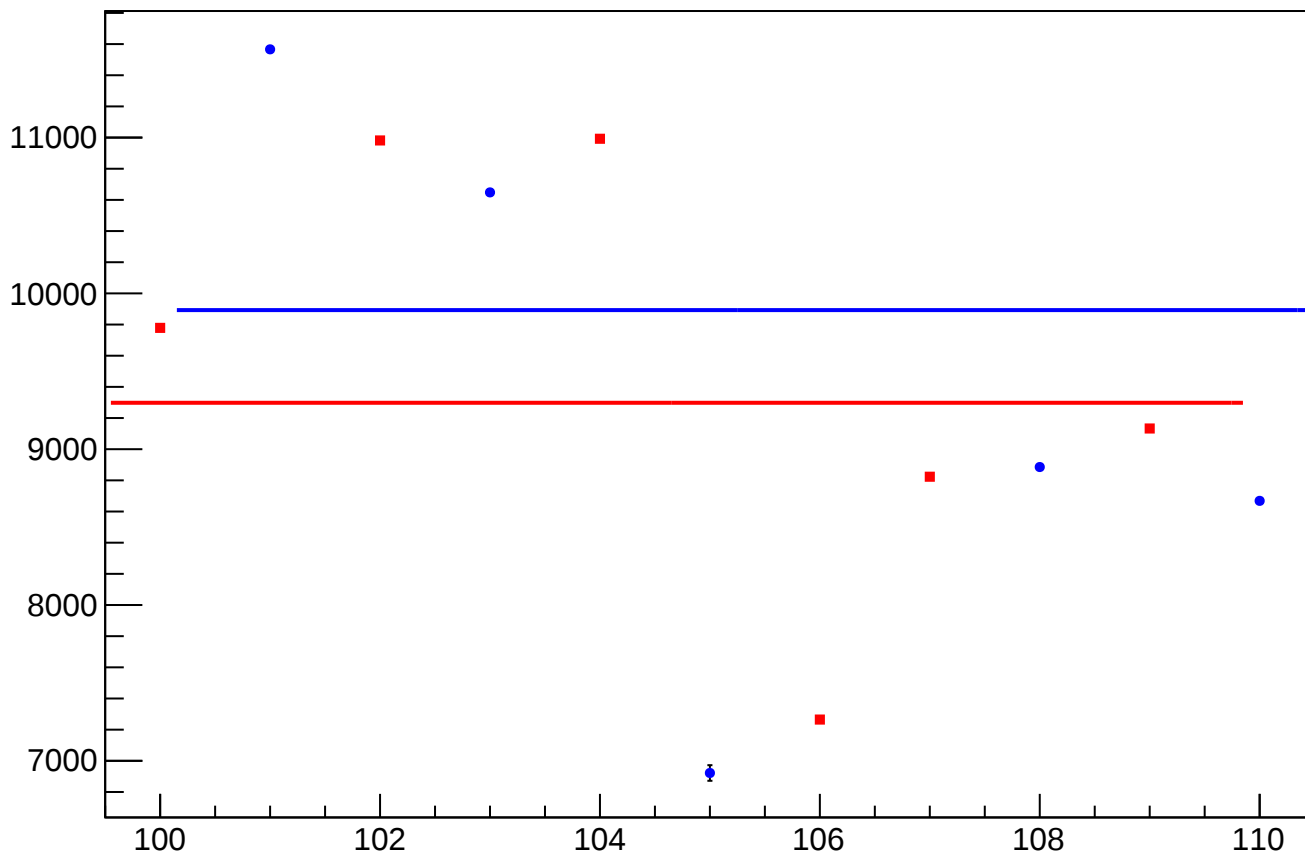
Right Out: -11.650+/-6.226 χ^2/NDF : 10.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.668+/-7.263 χ^2/NDF : 11.8/4

-11.650+/-6.226 χ^2/NDF : 10.0/5

diff_bpm0l07X_rms vs slug



Right In: 9892.732 $\pm$ 5.136 χ^2 /NDF: 57276.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

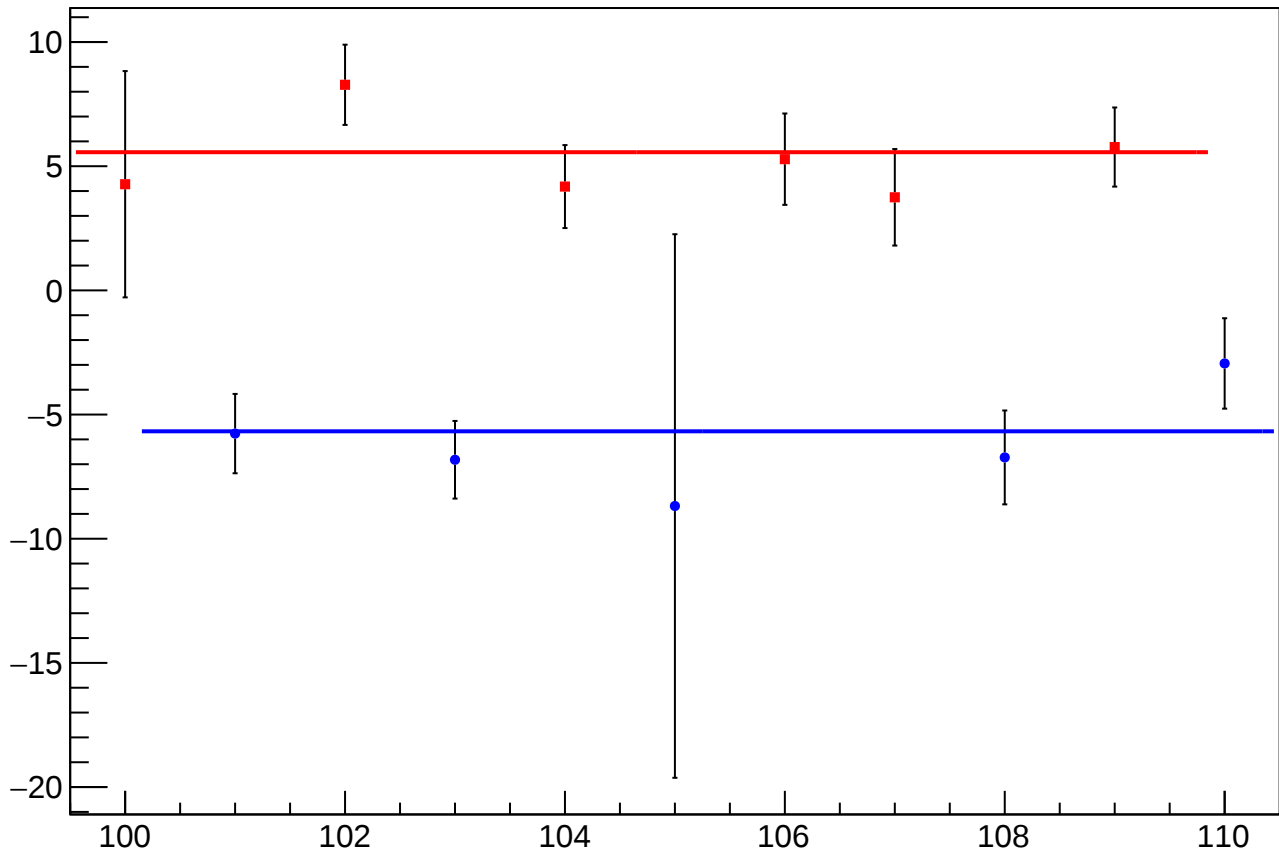
Right Out: 9297.945 $\pm$ 4.403 χ^2 /NDF: 98930.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9892.732 $\pm$ 5.136 χ^2 /NDF: 57276.6/4

9297.945 $\pm$ 4.403 χ^2 /NDF: 98930.6/5

diff_bpm0l07Y_mean vs slug



Right In: -5.675+/-0.848 χ^2/NDF : 3.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

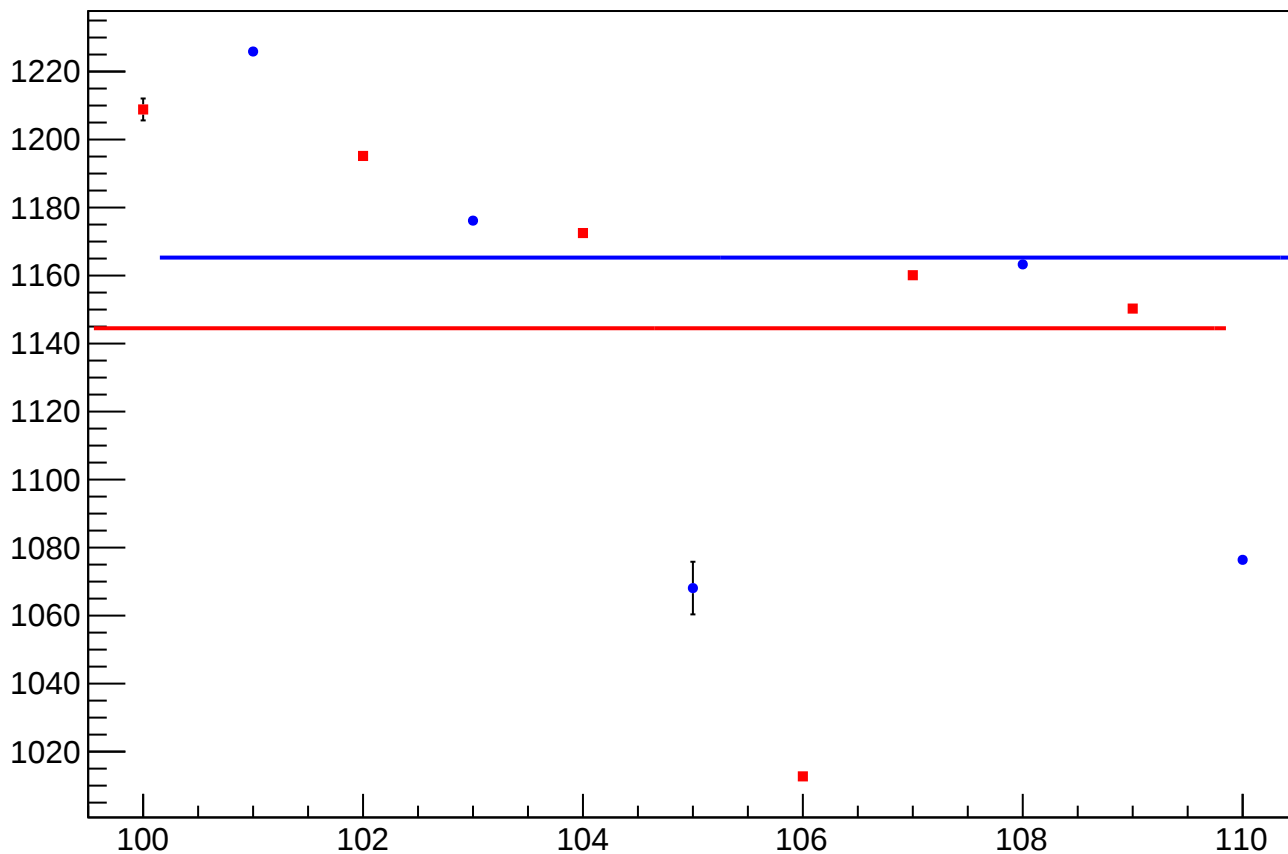
Right Out: 5.564+/-0.757 χ^2/NDF : 4.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.675+/-0.848 χ^2/NDF : 3.2/4

5.564+/-0.757 χ^2/NDF : 4.5/5

diff_bpm0l07Y_rms vs slug



Right In: 1165.286 $\pm$ 0.599 χ^2 /NDF: 7903.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

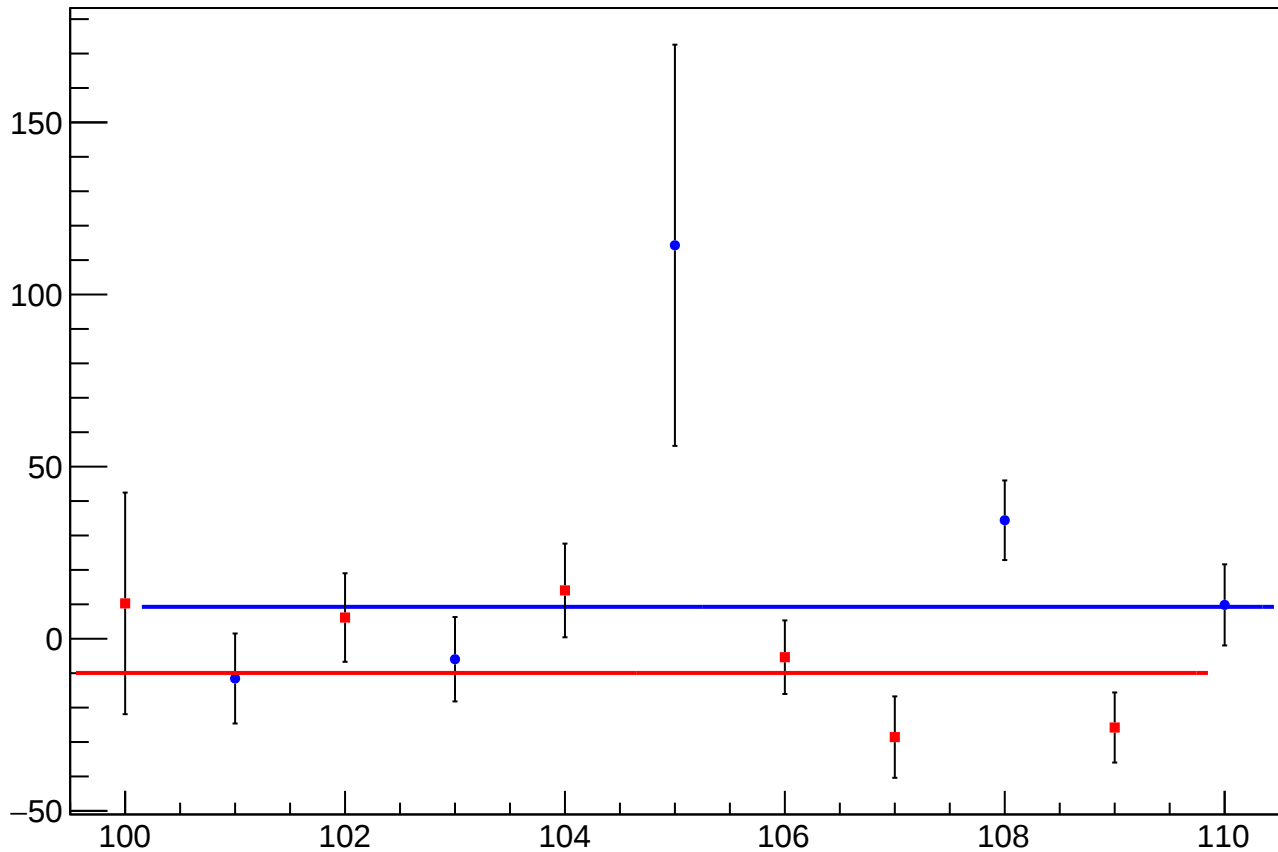
Right Out: 1144.504 $\pm$ 0.535 χ^2 /NDF: 13350.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1165.286 $\pm$ 0.599 χ^2 /NDF: 7903.6/4

1144.504 $\pm$ 0.535 χ^2 /NDF: 13350.0/5

diff_bpm0l08X_mean vs slug



Right In: 9.273+/-6.033 χ^2/NDF : 12.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

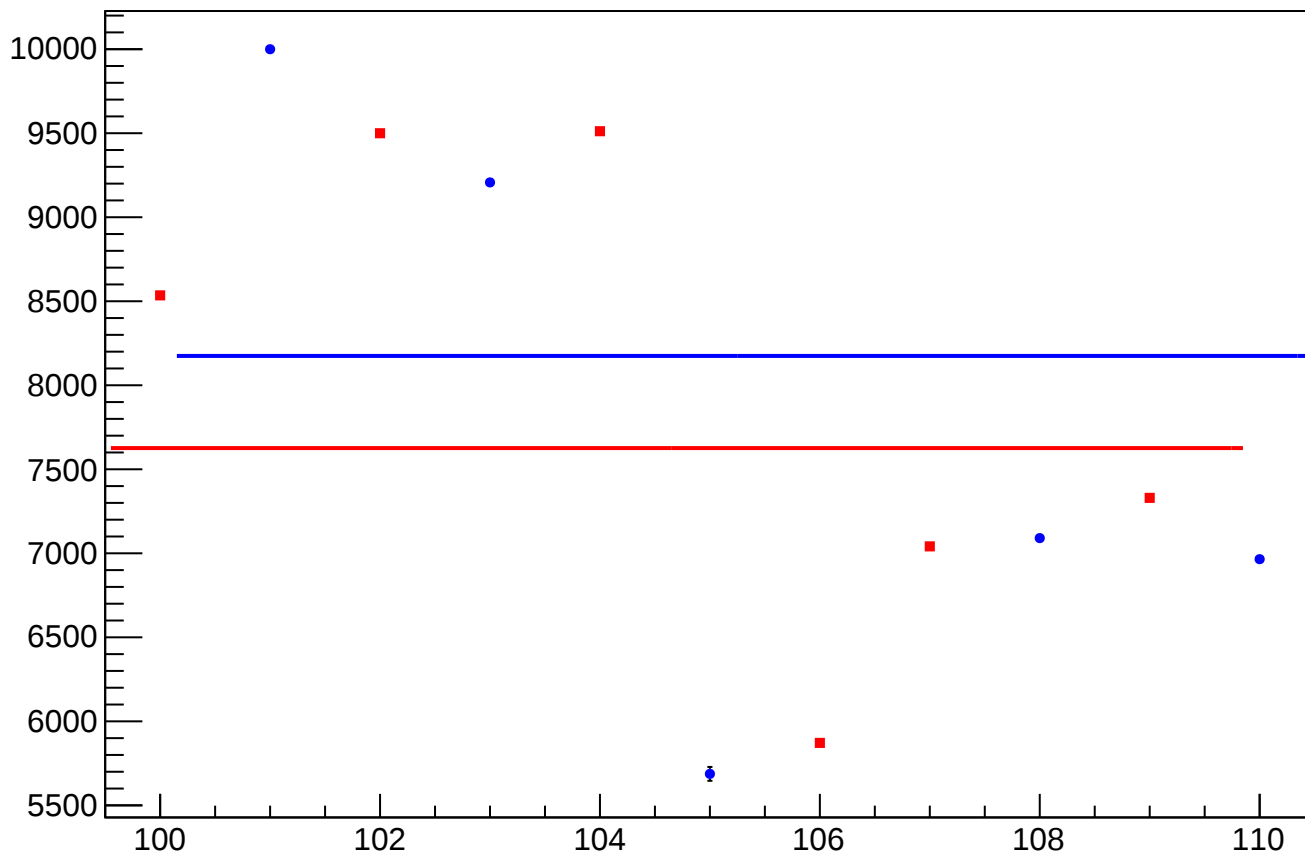
Right Out: -9.929+/-5.132 χ^2/NDF : 10.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.273+/-6.033 χ^2/NDF : 12.1/4

-9.929+/-5.132 χ^2/NDF : 10.2/5

diff_bpm0l08X_rms vs slug



Right In: 8174.611+/-4.266 χ^2/NDF : 95461.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

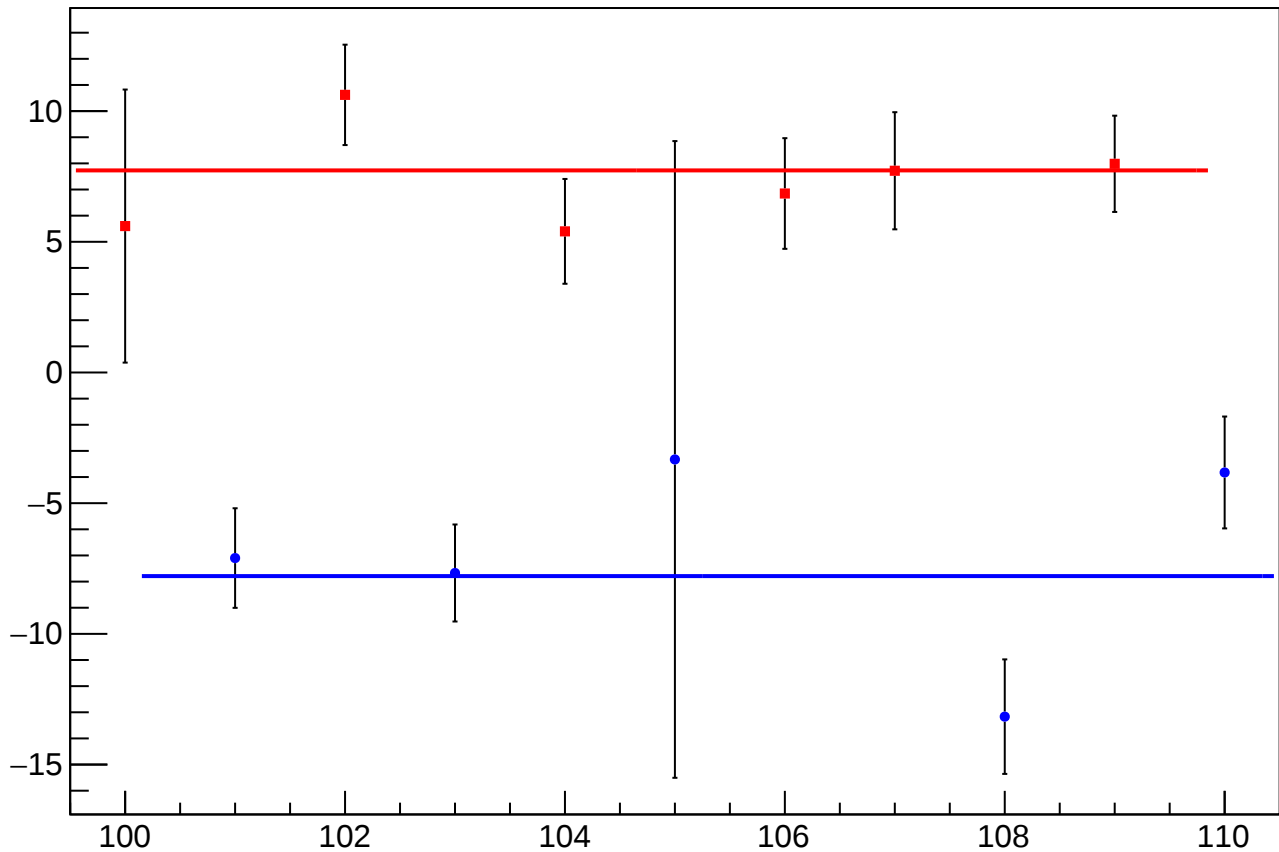
8174.611+/-4.266 χ^2/NDF : 95461.2/4

Right Out: 7626.205+/-3.629 χ^2/NDF : 142925.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7626.205+/-3.629 χ^2/NDF : 142925.4/5

diff_bpm0l08Y_mean vs slug



Right In: -7.790 $\pm$ 1.000 χ^2 /NDF: 9.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

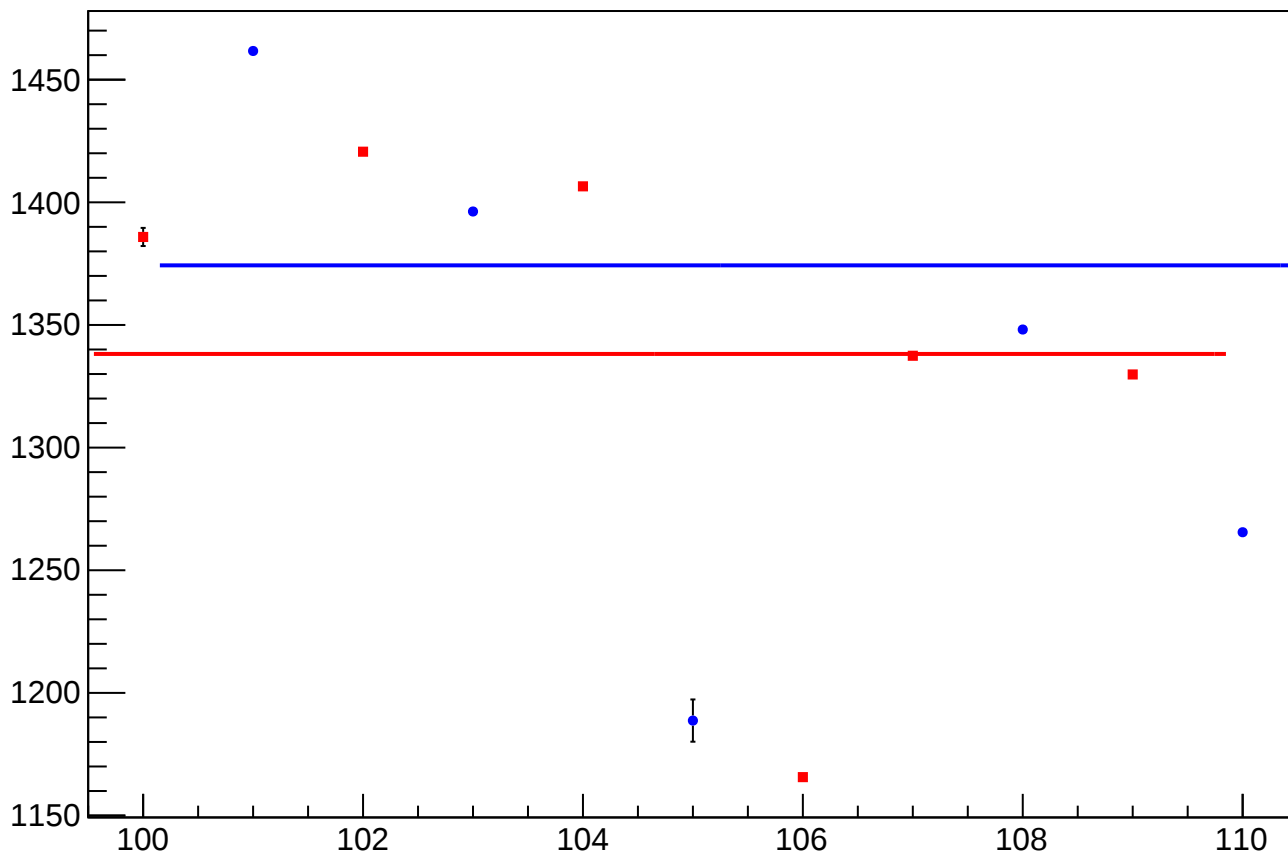
Right Out: 7.731 $\pm$ 0.886 χ^2 /NDF: 4.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-7.790 $\pm$ 1.000 χ^2 /NDF: 9.7/4

7.731 $\pm$ 0.886 χ^2 /NDF: 4.0/5

diff_bpm0l08Y_rms vs slug



Right In: 1374.301+/-0.707 χ^2/NDF : 10408.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

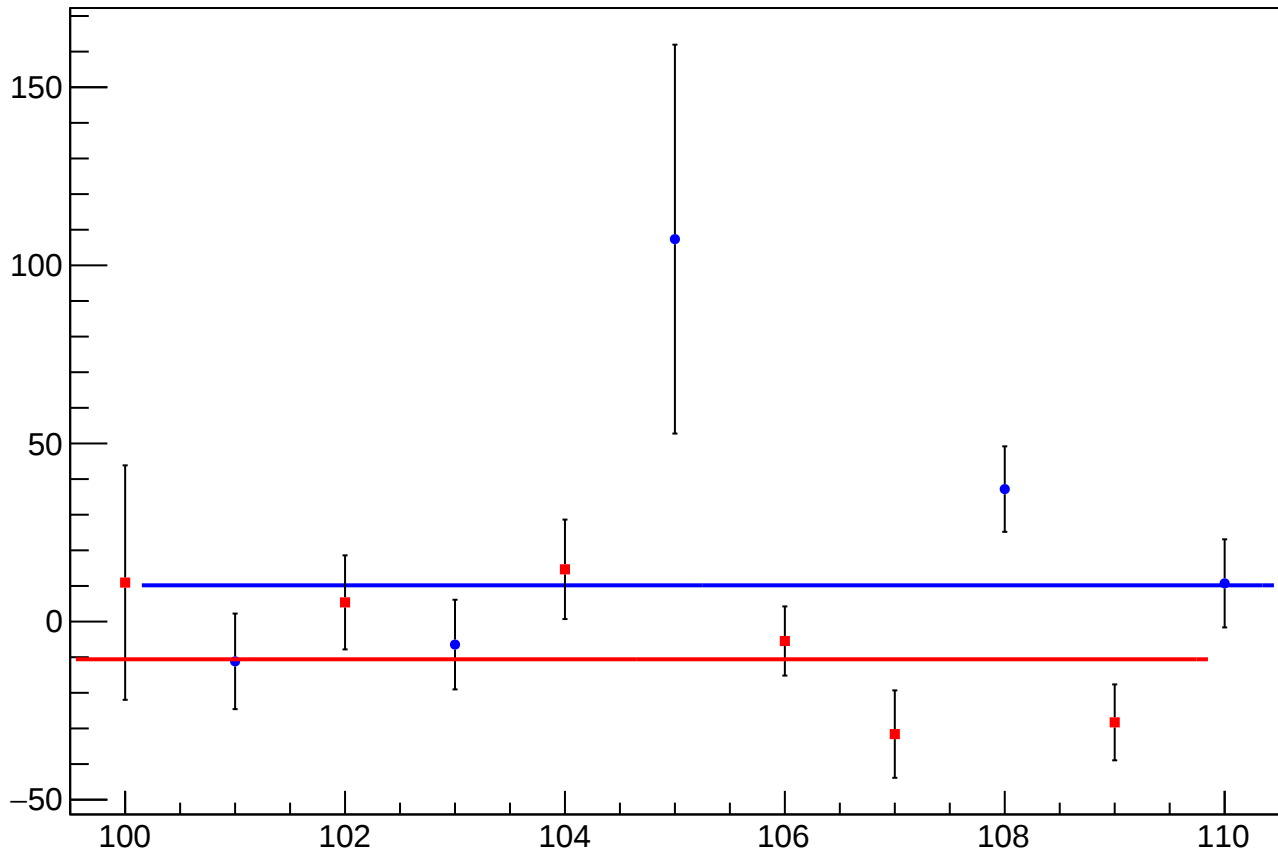
Right Out: 1338.185+/-0.627 χ^2/NDF : 19500.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1374.301+/-0.707 χ^2/NDF : 10408.7/4

1338.185+/-0.627 χ^2/NDF : 19500.8/5

diff_bpm0l09X_mean vs slug



Right In: 10.179+/-6.239 χ^2 /NDF: 12.5/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

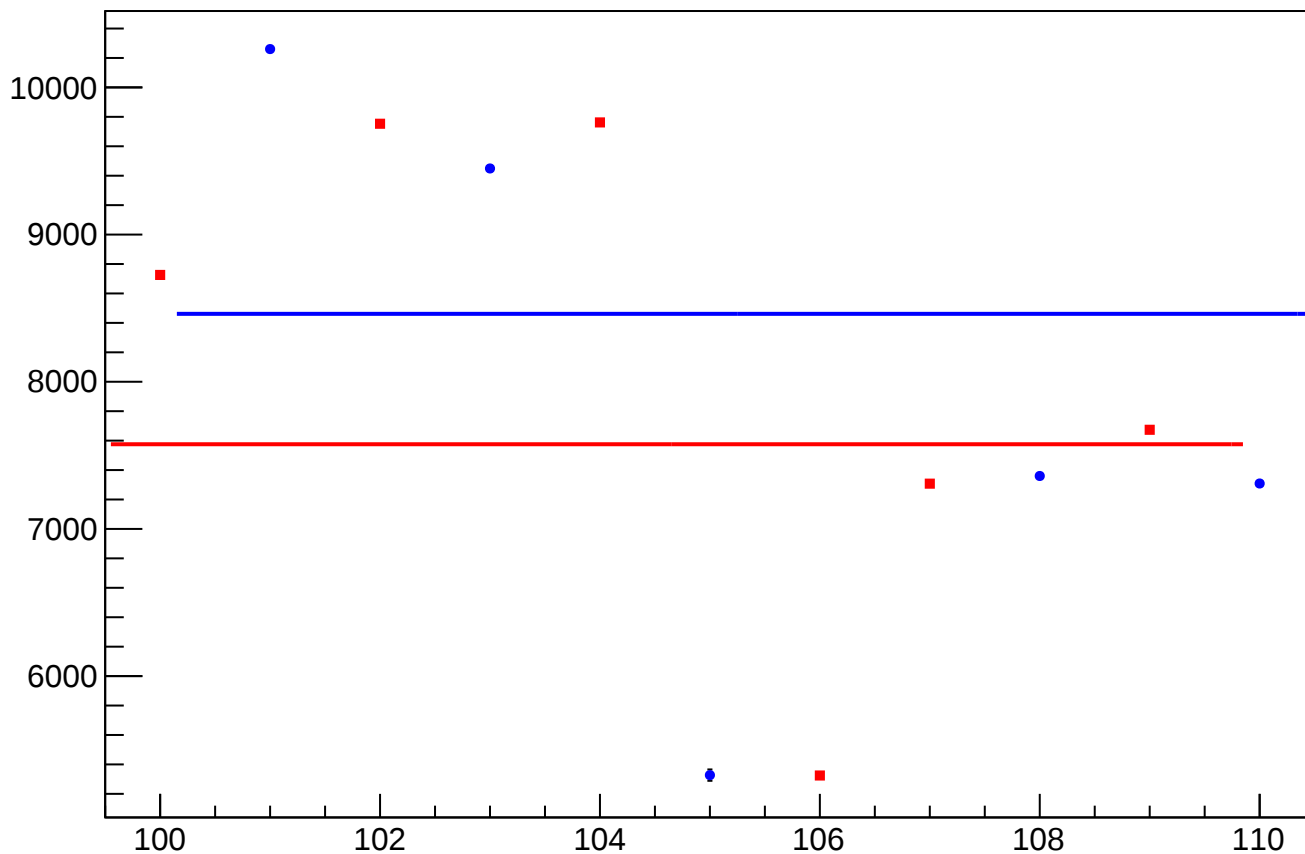
Right Out: -10.582+/-5.141 χ^2 /NDF: 11.1/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

10.179+/-6.239 χ^2 /NDF: 12.5/4

-10.582+/-5.141 χ^2 /NDF: 11.1/5

diff_bpm0l09X_rms vs slug



Right In: 8461.439+/-4.411 χ^2/NDF : 89132.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

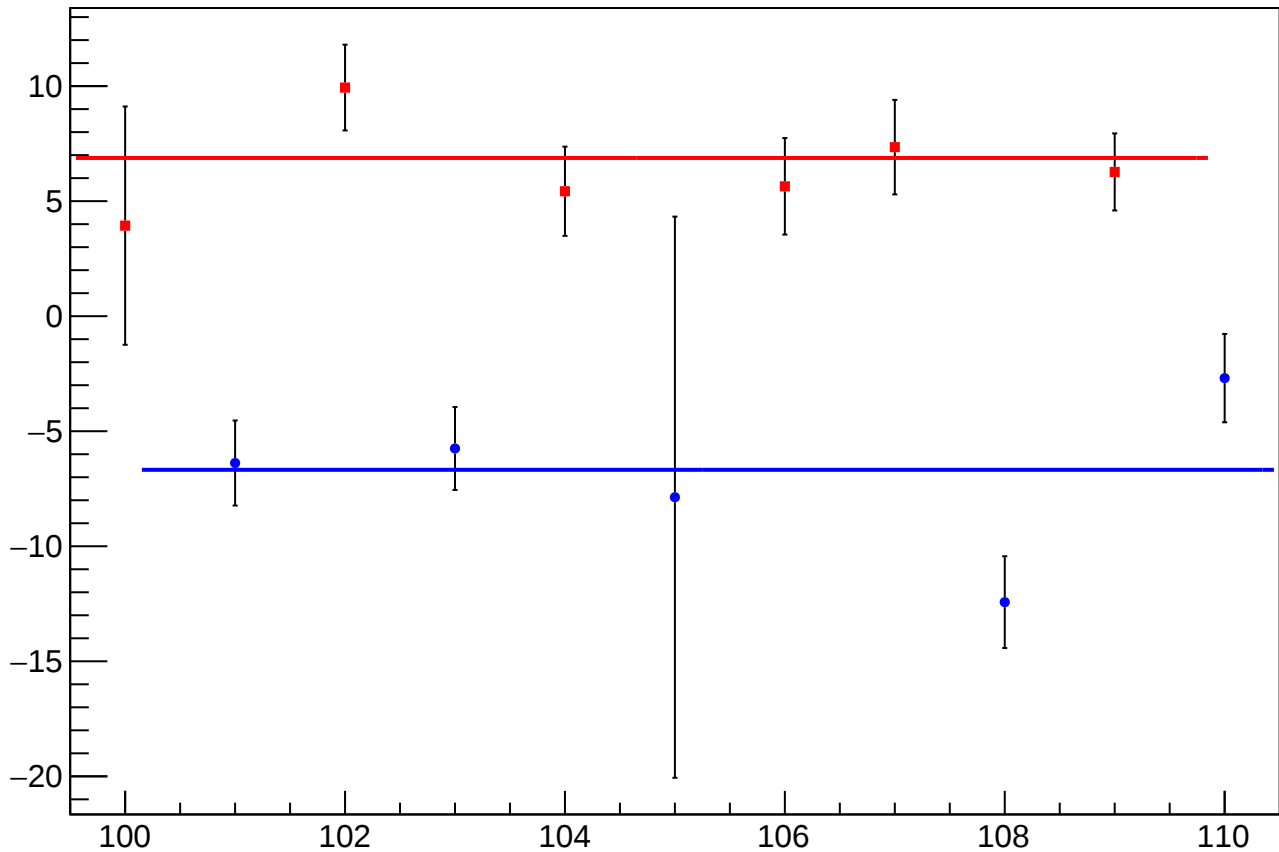
Right Out: 7575.410+/-3.635 χ^2/NDF : 214440.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8461.439+/-4.411 χ^2/NDF : 89132.6/4

7575.410+/-3.635 χ^2/NDF : 214440.5/5

diff_bpm0l09Y_mean vs slug



Right In: -6.677+/-0.941 χ^2/NDF : 12.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

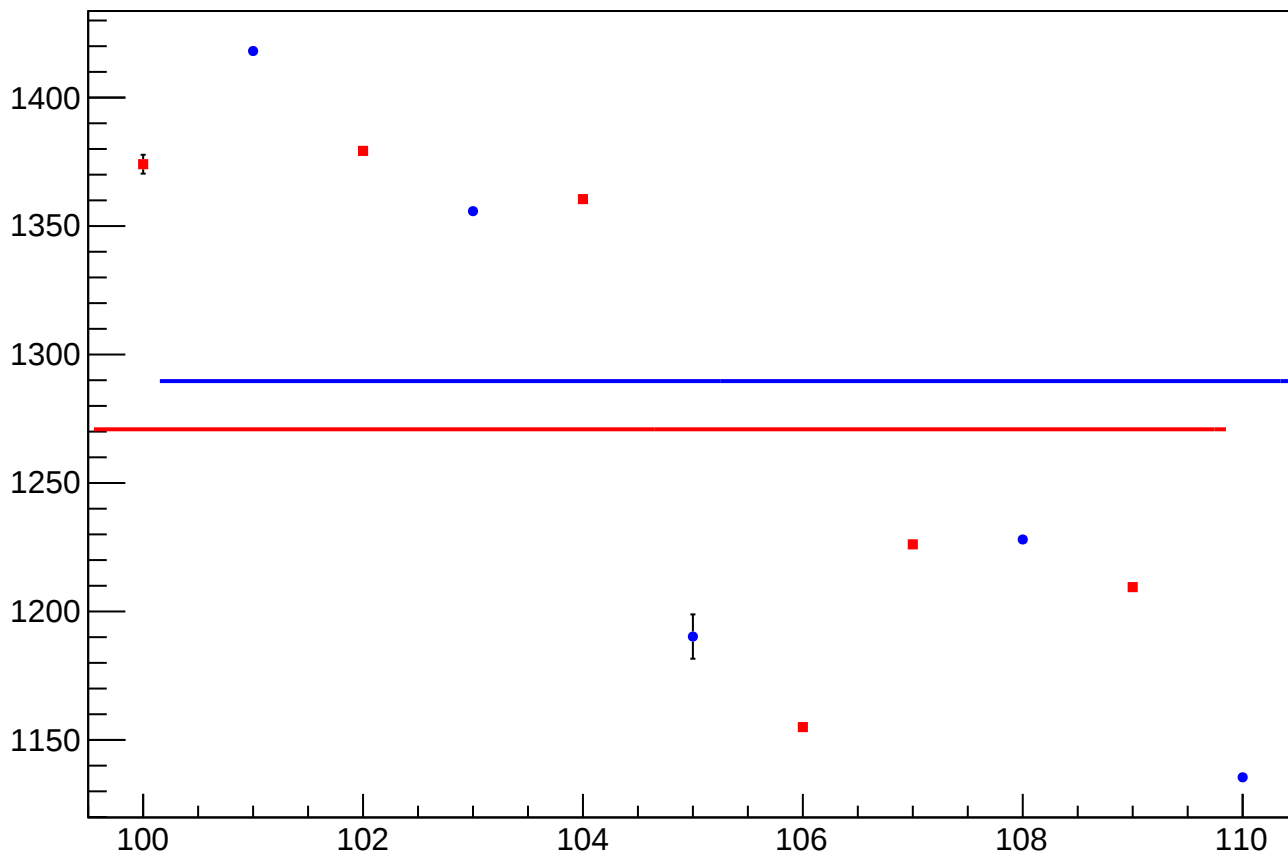
Right Out: 6.877+/-0.842 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.677+/-0.941 χ^2/NDF : 12.9/4

6.877+/-0.842 χ^2/NDF : 4.1/5

diff_bpm0l09Y_rms vs slug



Right In: 1289.658 $\pm$ 0.665 χ^2 /NDF: 27296.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

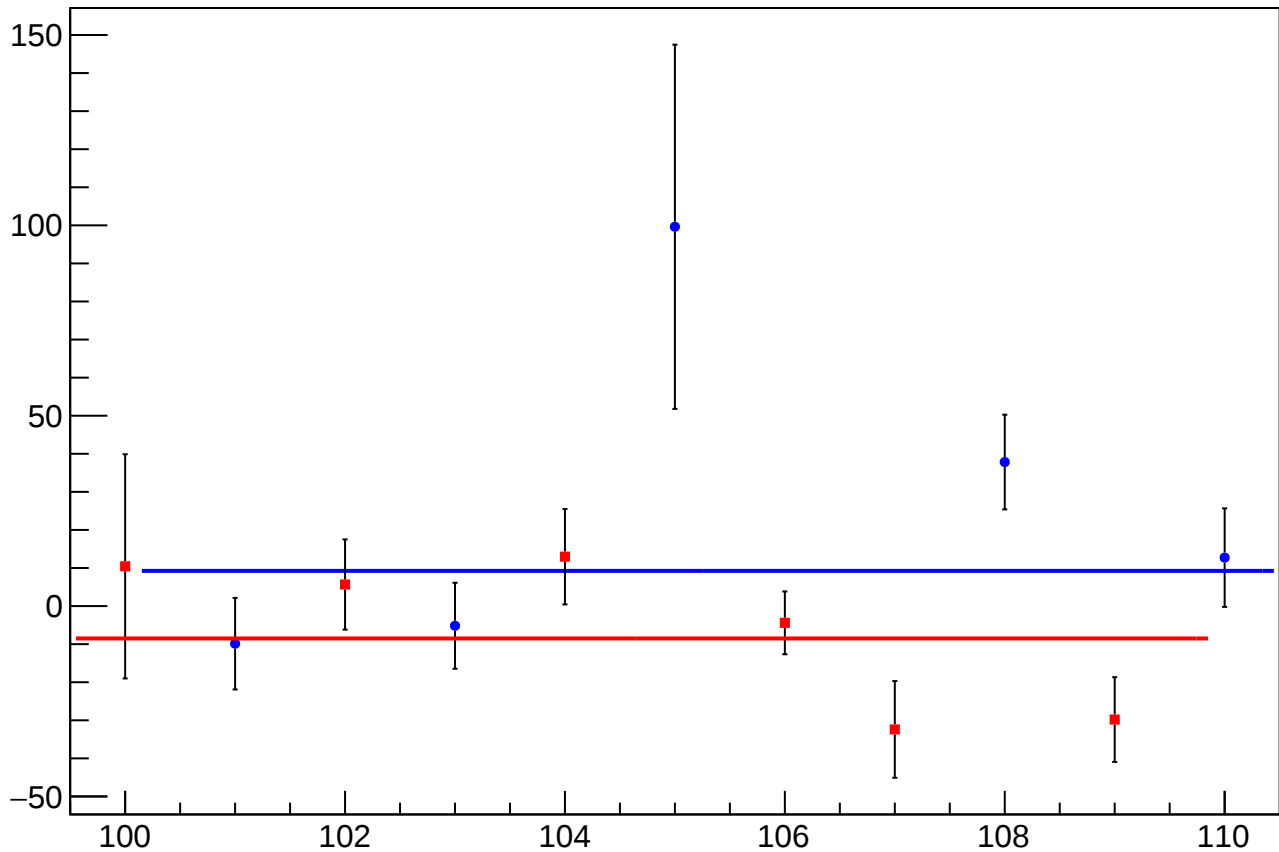
Right Out: 1270.898 $\pm$ 0.595 χ^2 /NDF: 21563.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1289.658 $\pm$ 0.665 χ^2 /NDF: 27296.7/4

1270.898 $\pm$ 0.595 χ^2 /NDF: 21563.9/5

diff_bpm0l10X_mean vs slug



Right In: 9.247+/-6.016 χ^2/NDF : 13.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

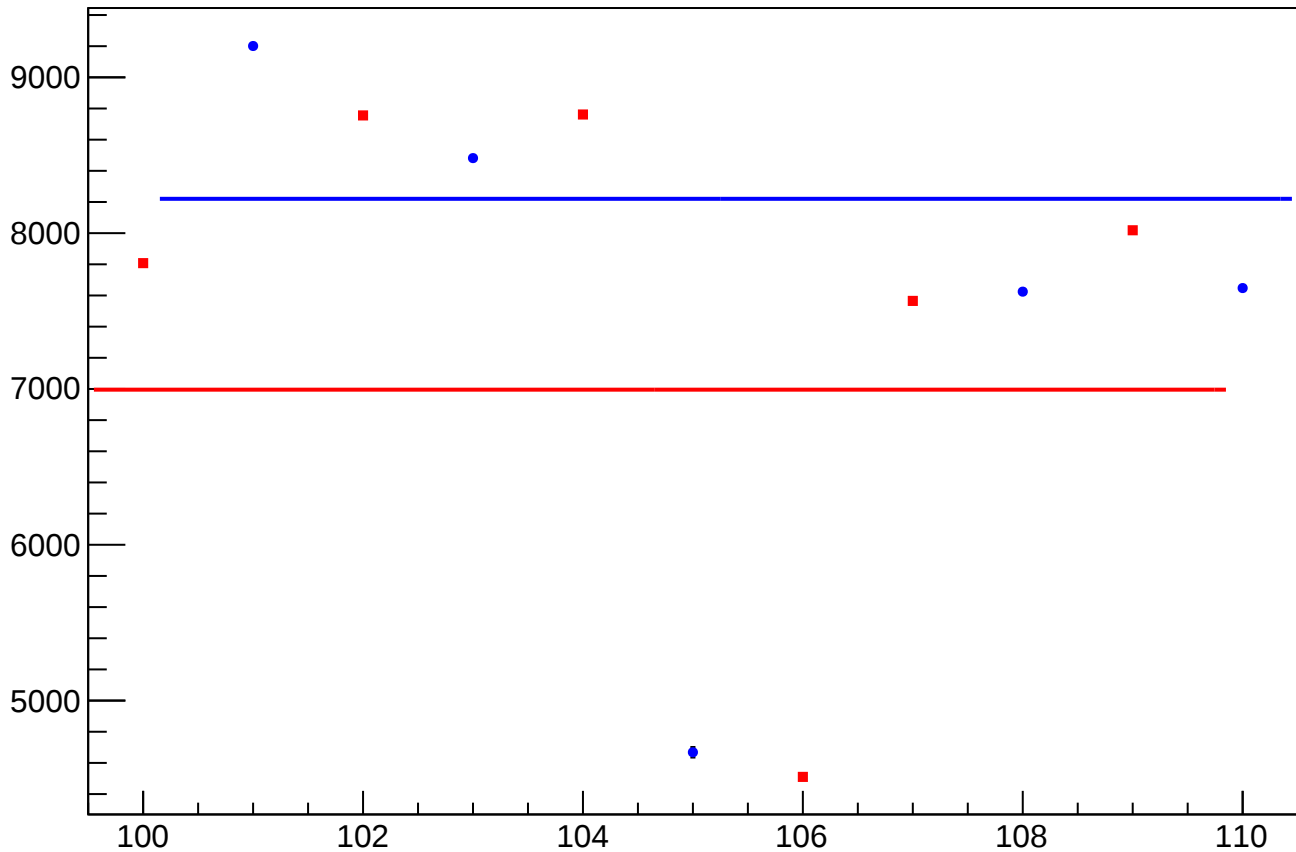
Right Out: -8.507+/-4.790 χ^2/NDF : 12.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.247+/-6.016 χ^2/NDF : 13.1/4

-8.507+/-4.790 χ^2/NDF : 12.2/5

diff_bpm0l10X_rms vs slug



Right In: 8220.395+/-4.254 χ^2/NDF : 33913.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

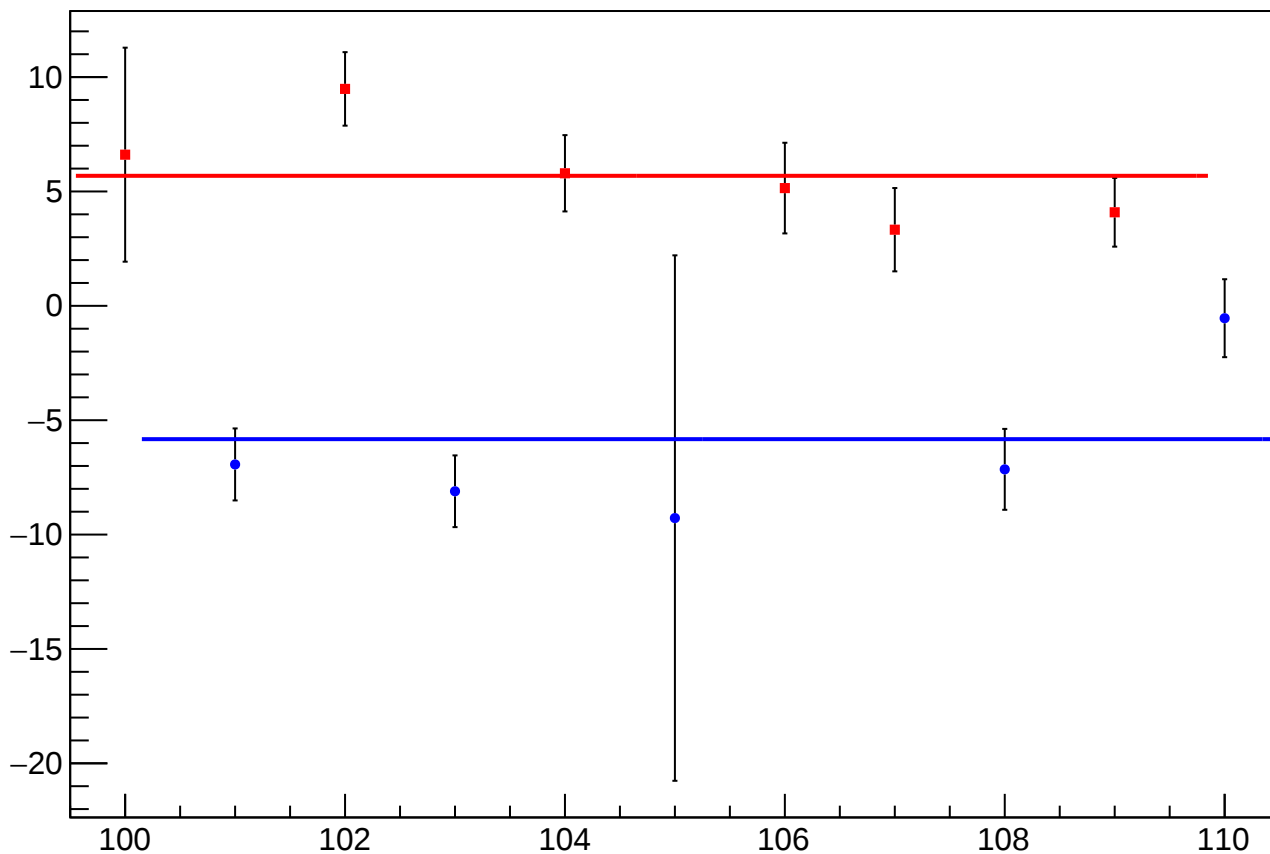
8220.395+/-4.254 χ^2/NDF : 33913.1/4

Right Out: 6995.513+/-3.387 χ^2/NDF : 287681.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6995.513+/-3.387 χ^2/NDF : 287681.6/5

diff_bpm0l10Y_mean vs slug



Right In: -5.828+/-0.821 χ^2/NDF : 12.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

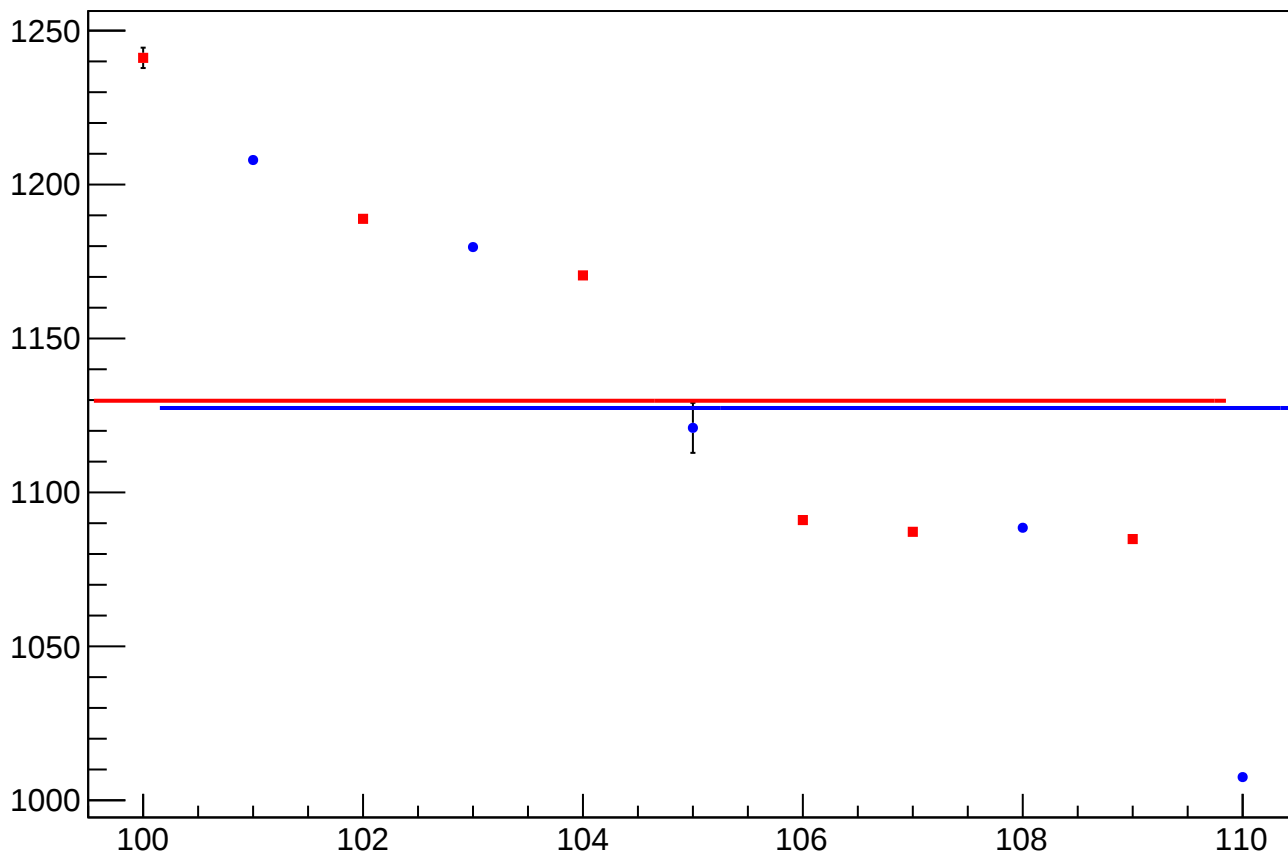
Right Out: 5.684+/-0.747 χ^2/NDF : 8.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.828+/-0.821 χ^2/NDF : 12.9/4

5.684+/-0.747 χ^2/NDF : 8.5/5

diff_bpm0l10Y_rms vs slug



Right In: 1127.423+/-0.581 χ^2 /NDF: 18329.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

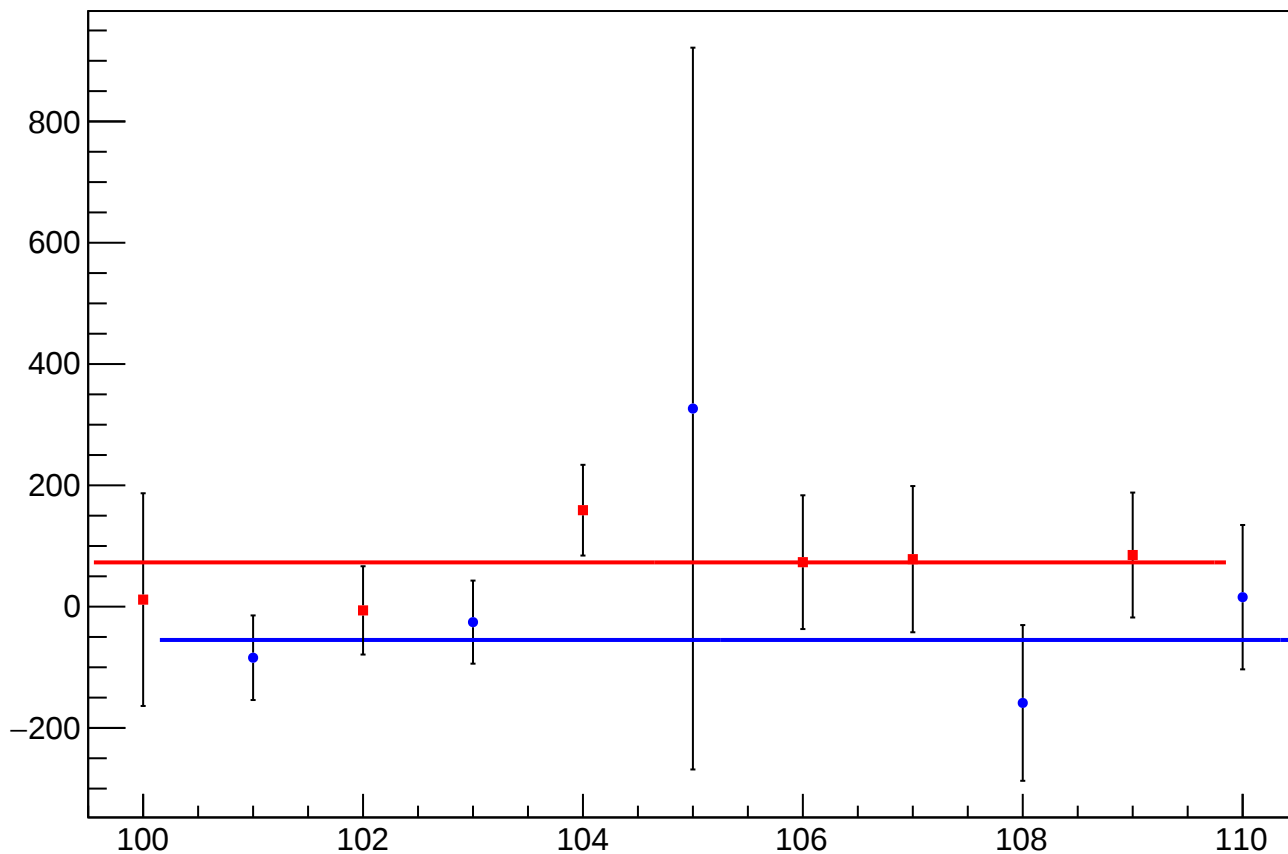
Right Out: 1129.777+/-0.528 χ^2 /NDF: 8676.3/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1127.423+/-0.581 χ^2 /NDF: 18329.1/4

1129.777+/-0.528 χ^2 /NDF: 8676.3/5

diff_bpm0r03X_mean vs slug



Right In: -54.936 $\pm$ 42.528 χ^2 /NDF: 1.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

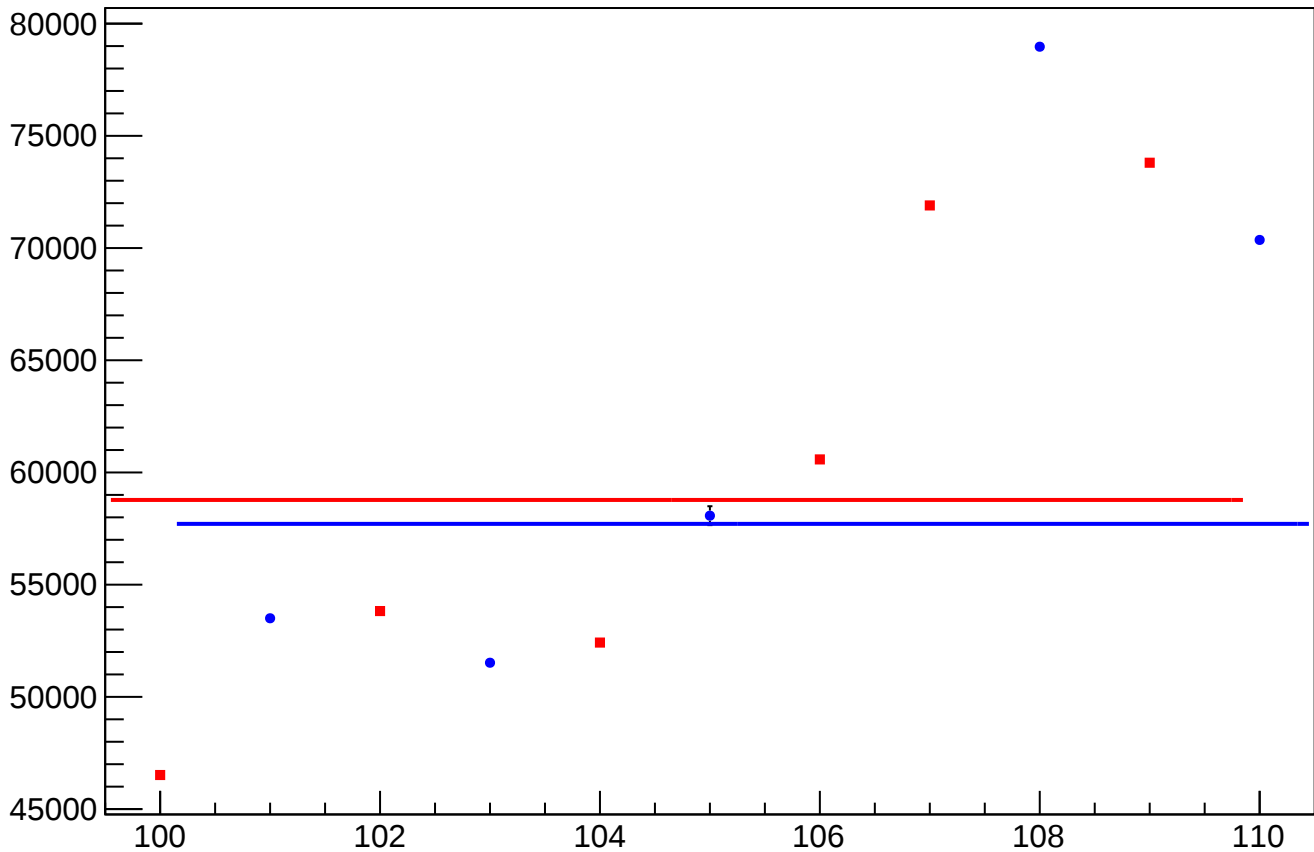
Right Out: 72.954 $\pm$ 39.365 χ^2 /NDF: 2.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-54.936 $\pm$ 42.528 χ^2 /NDF: 1.8/4

72.954 $\pm$ 39.365 χ^2 /NDF: 2.6/5

diff_bpm0r03X_rms vs slug



Right In: 57709.351+/-30.072 χ^2/NDF : 101056.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

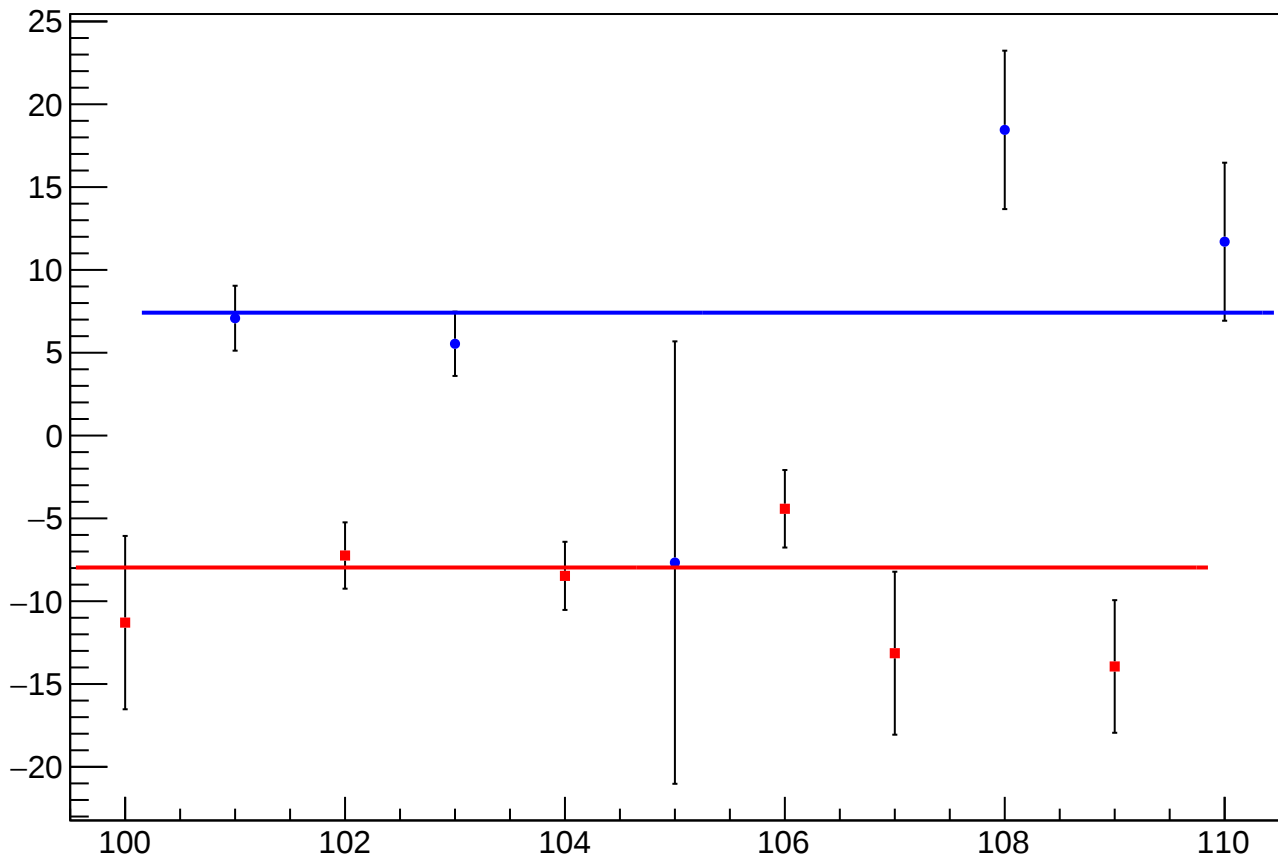
57709.351+/-30.072 χ^2/NDF : 101056.4/4

Right Out: 58775.392+/-27.835 χ^2/NDF : 100290.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

58775.392+/-27.835 χ^2/NDF : 100290.5/5

diff_bpm0r03Y_mean vs slug



Right In: 7.418 $\pm$ 1.271 χ^2 /NDF: 8.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

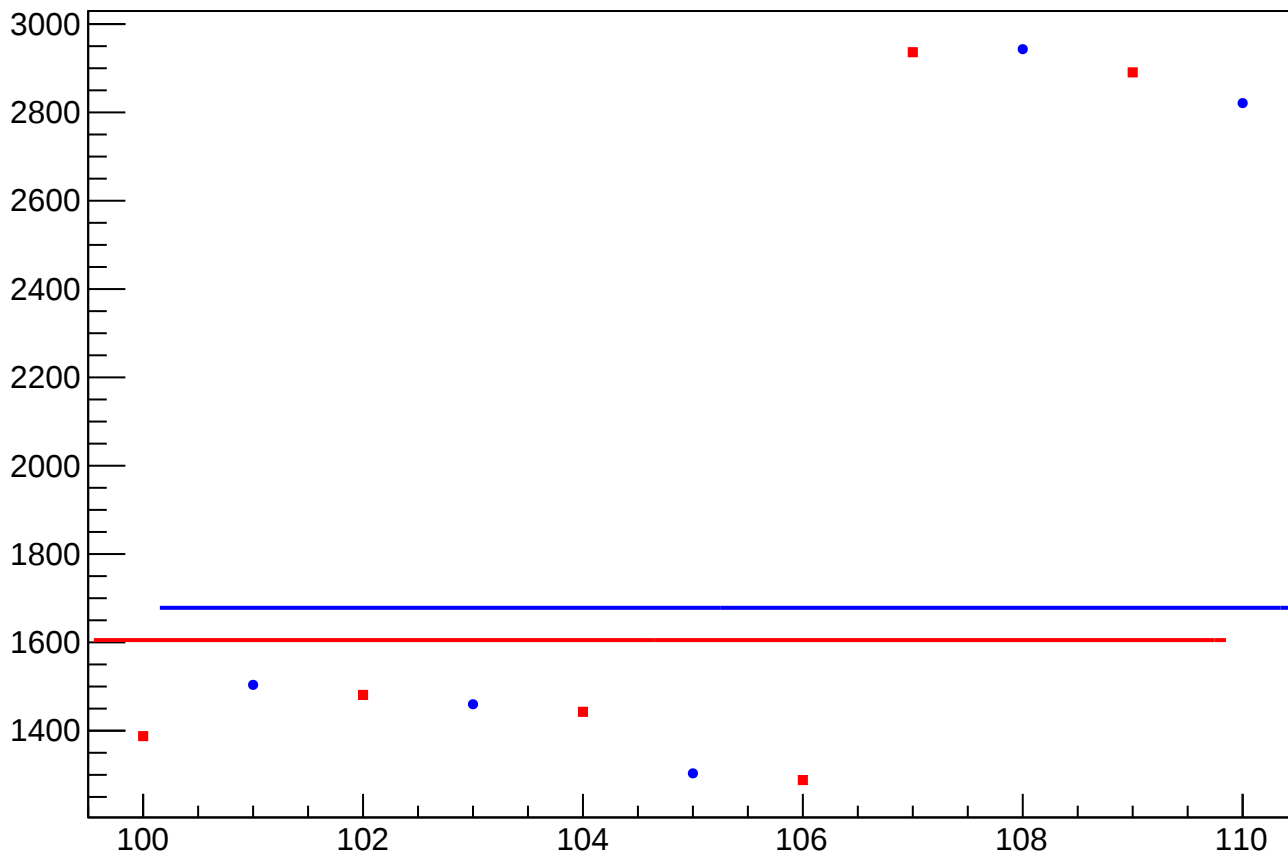
Right Out: -7.965 $\pm$ 1.112 χ^2 /NDF: 6.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.418 $\pm$ 1.271 χ^2 /NDF: 8.4/4

-7.965 $\pm$ 1.112 χ^2 /NDF: 6.2/5

diff_bpm0r03Y_rms vs slug



Right In: 1678.284+/-0.899 χ^2/NDF : 297501.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

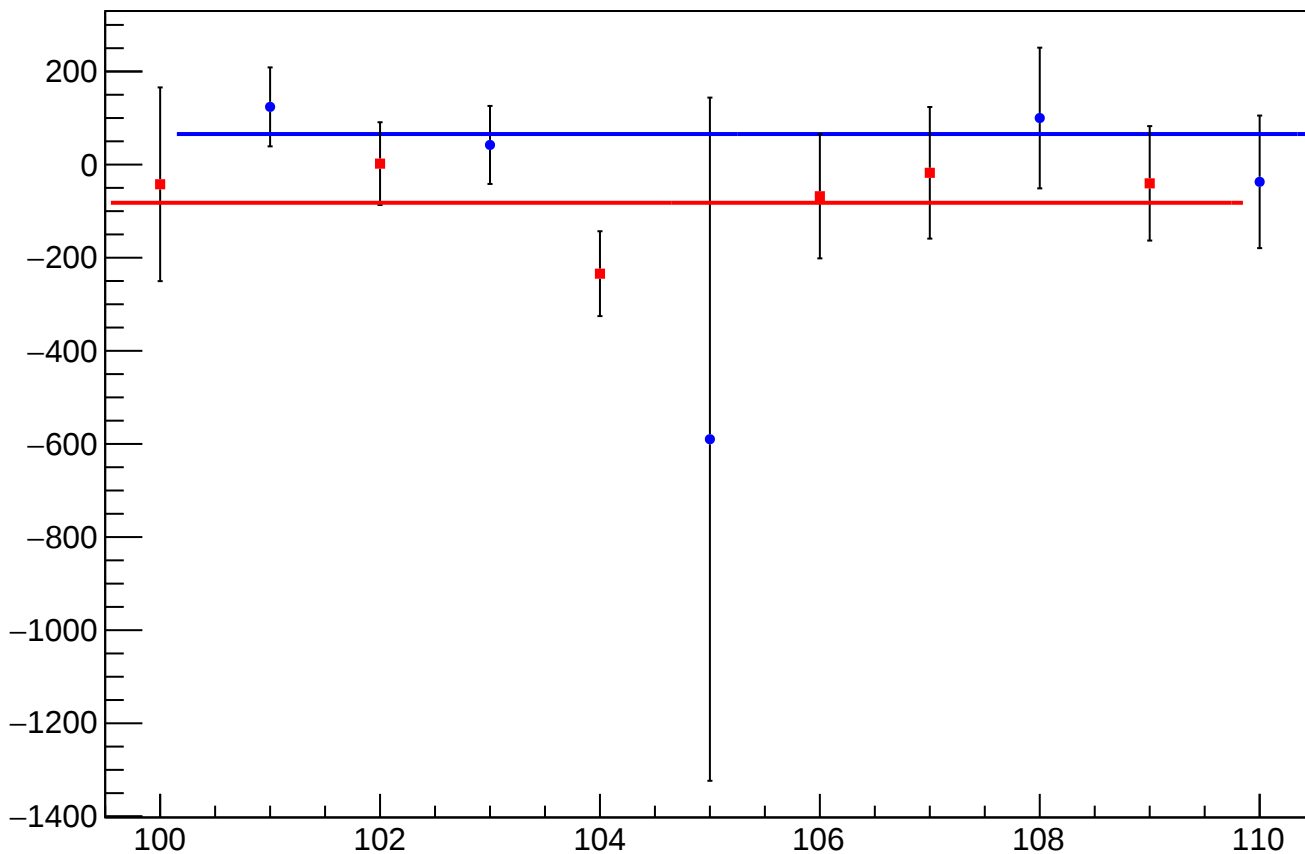
Right Out: 1605.152+/-0.786 χ^2/NDF : 412982.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1678.284+/-0.899 χ^2/NDF : 297501.6/4

1605.152+/-0.786 χ^2/NDF : 412982.0/5

diff_bpm0r05X_mean vs slug



Right In: 65.629+/-51.535 χ^2/NDF : 1.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

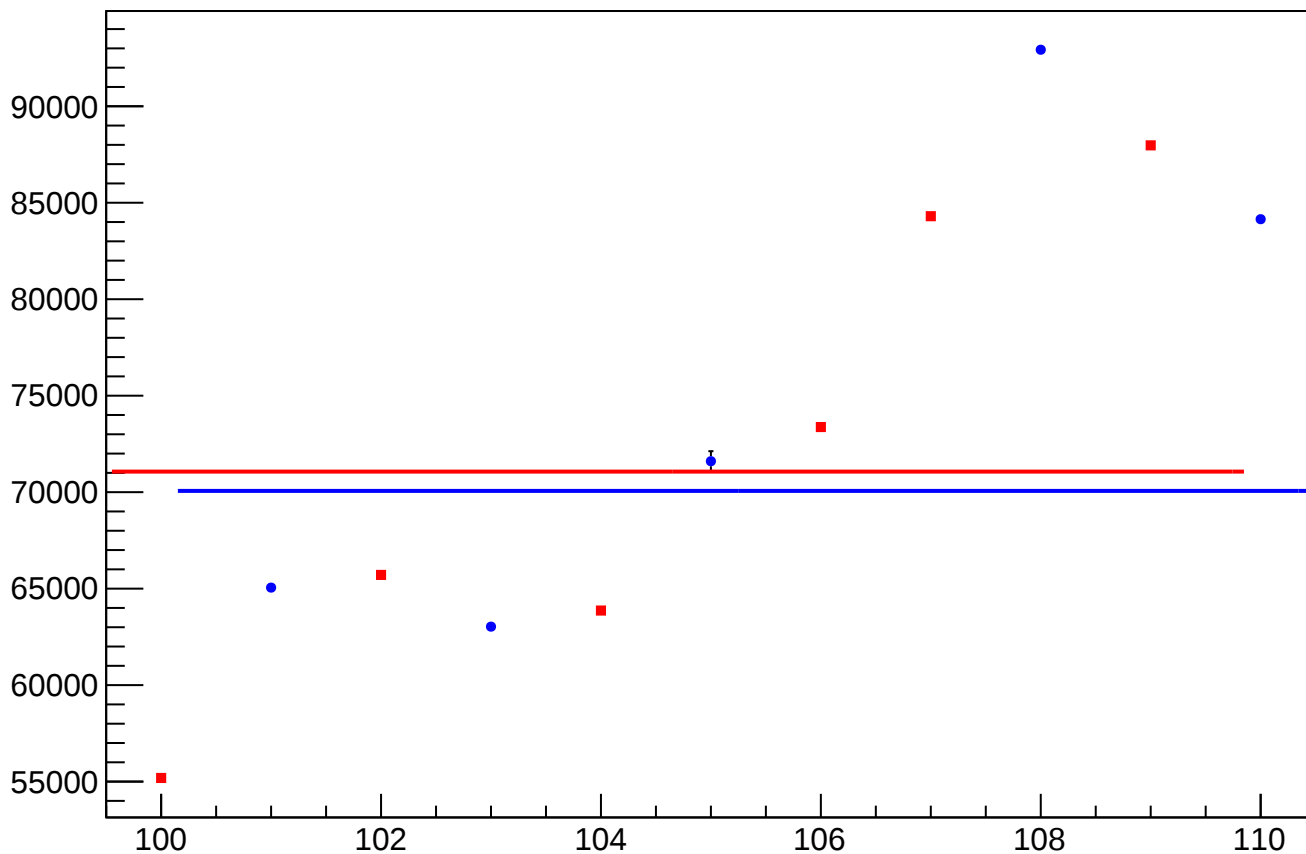
Right Out: -82.006+/-47.538 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

65.629+/-51.535 χ^2/NDF : 1.9/4

-82.006+/-47.538 χ^2/NDF : 4.1/5

diff_bpm0r05X_rms vs slug



Right In: 70065.652 $\pm$ 36.441 χ^2 /NDF: 86460.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

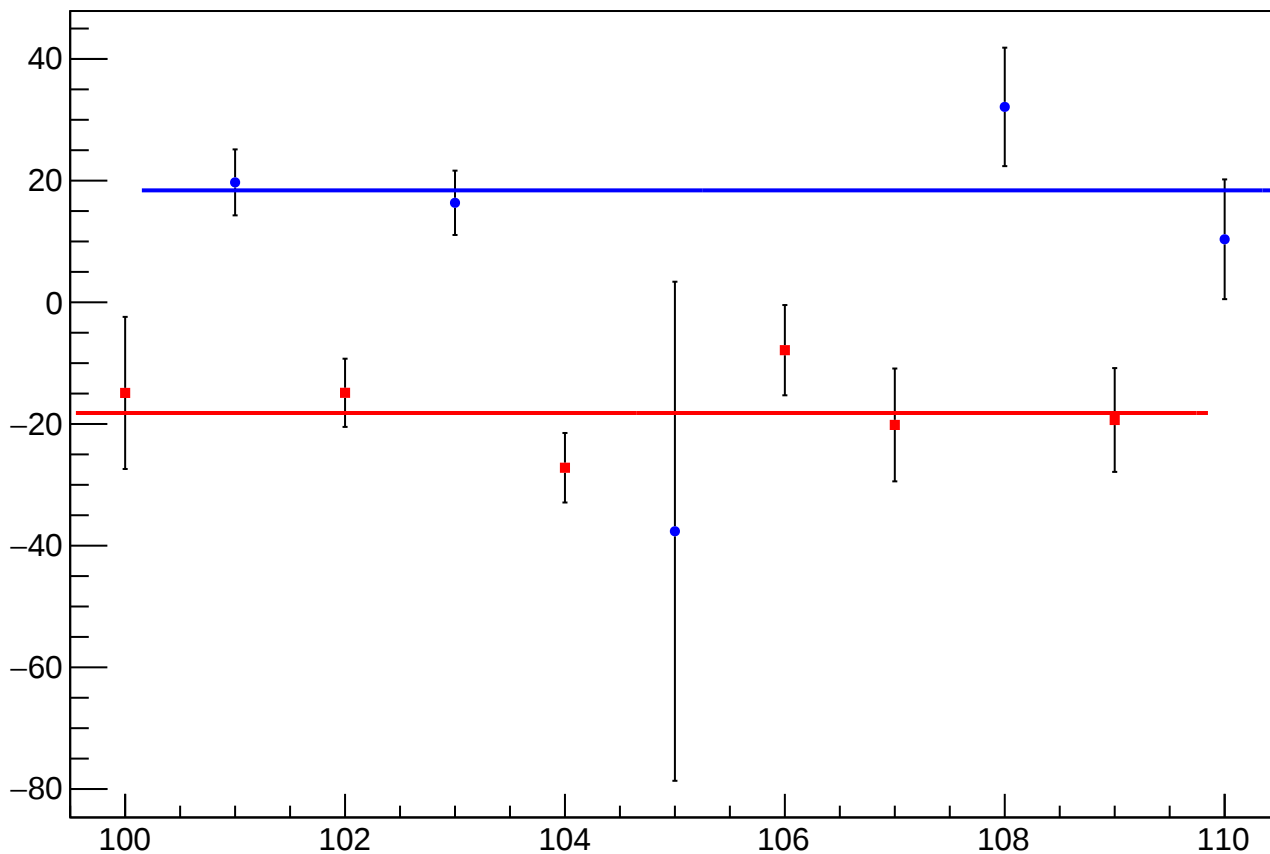
Right Out: 71065.757 $\pm$ 33.614 χ^2 /NDF: 87379.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

70065.652 $\pm$ 36.441 χ^2 /NDF: 86460.3/4

71065.757 $\pm$ 33.614 χ^2 /NDF: 87379.9/5

diff_bpm0r05Y_mean vs slug



Right In: 18.400+/-3.310 χ^2 /NDF: 4.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

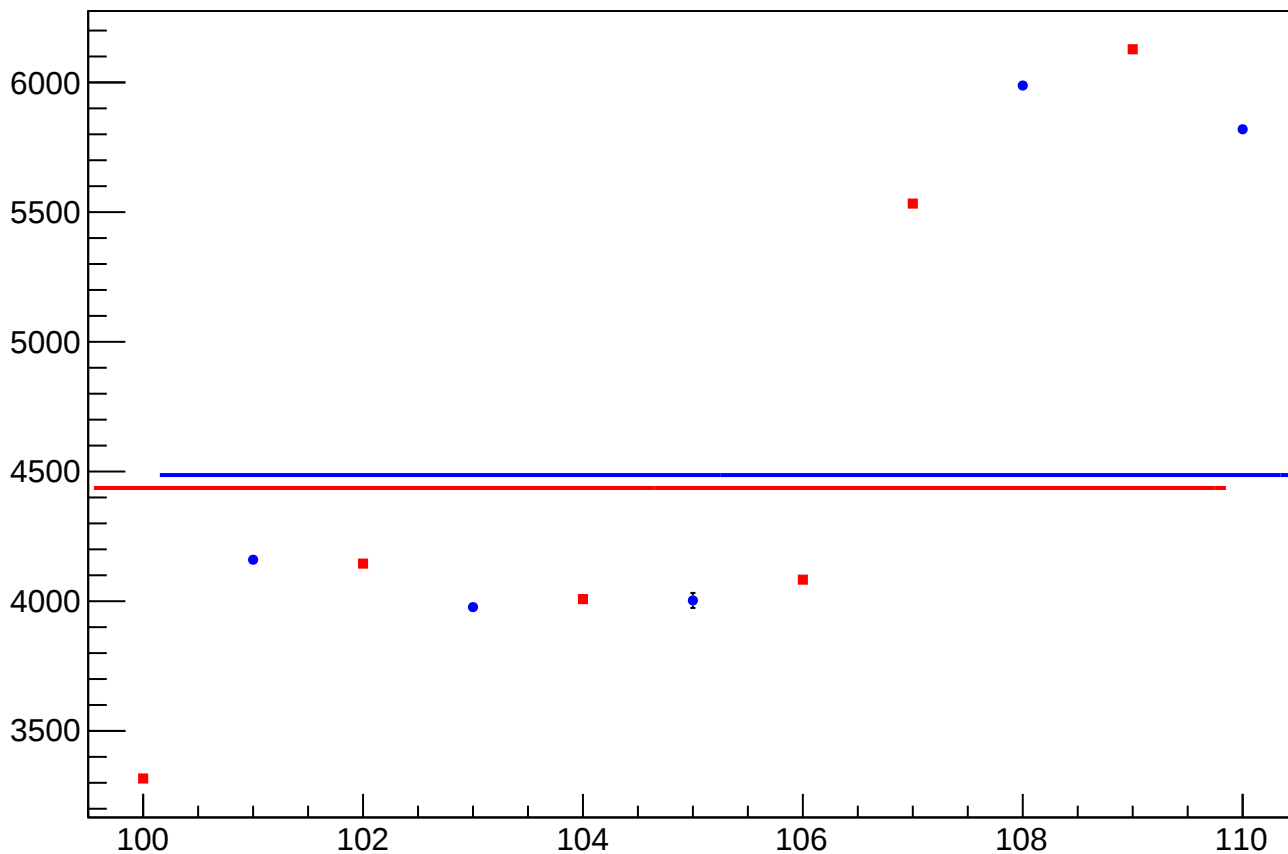
Right Out: -18.193+/-2.983 χ^2 /NDF: 4.9/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

18.400+/-3.310 χ^2 /NDF: 4.7/4

-18.193+/-2.983 χ^2 /NDF: 4.9/5

diff_bpm0r05Y_rms vs slug



Right In: 4486.390+/-2.341 χ^2/NDF : 110353.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

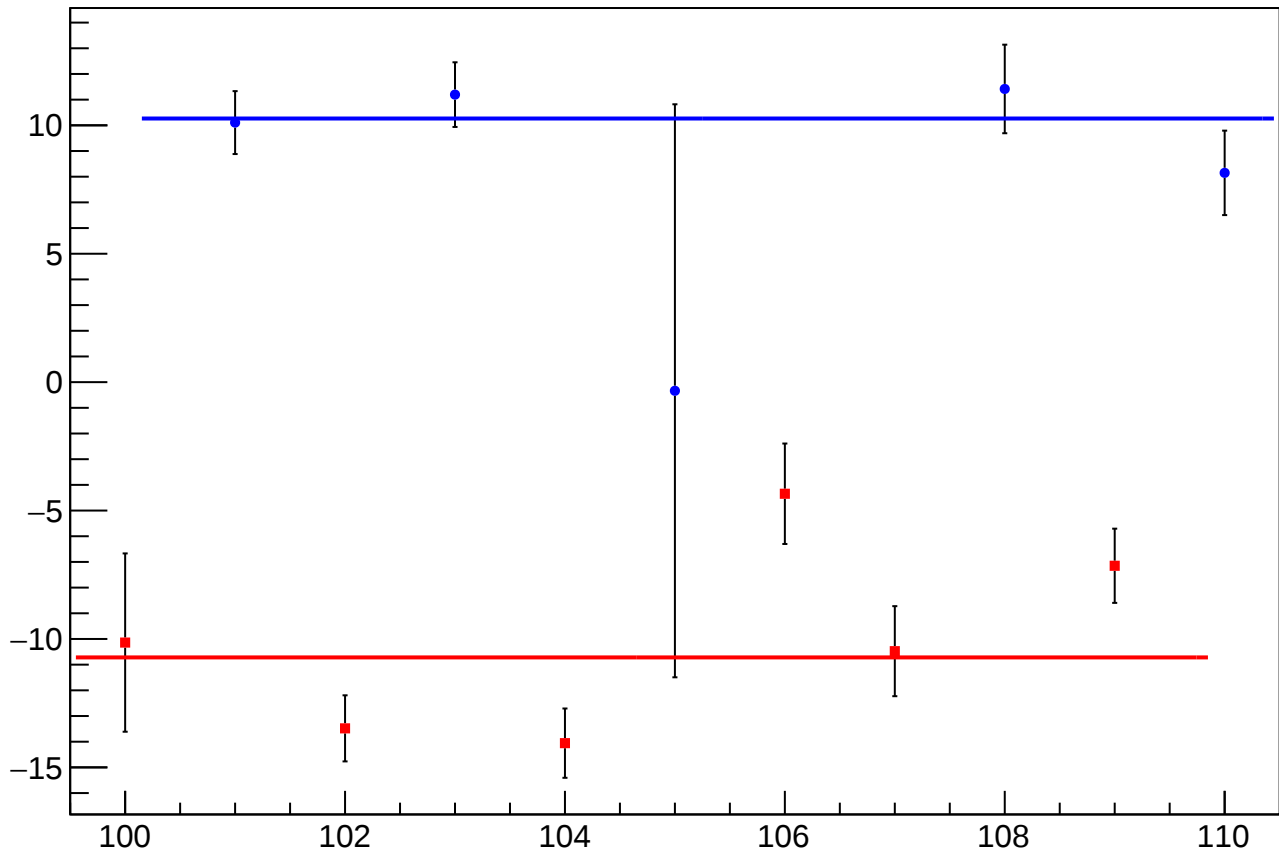
Right Out: 4436.572+/-2.109 χ^2/NDF : 143812.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4486.390+/-2.341 χ^2/NDF : 110353.5/4

4436.572+/-2.109 χ^2/NDF : 143812.4/5

diff_bpm2i01X_mean vs slug



Right In: 10.265+/-0.705 χ^2 /NDF: 3.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

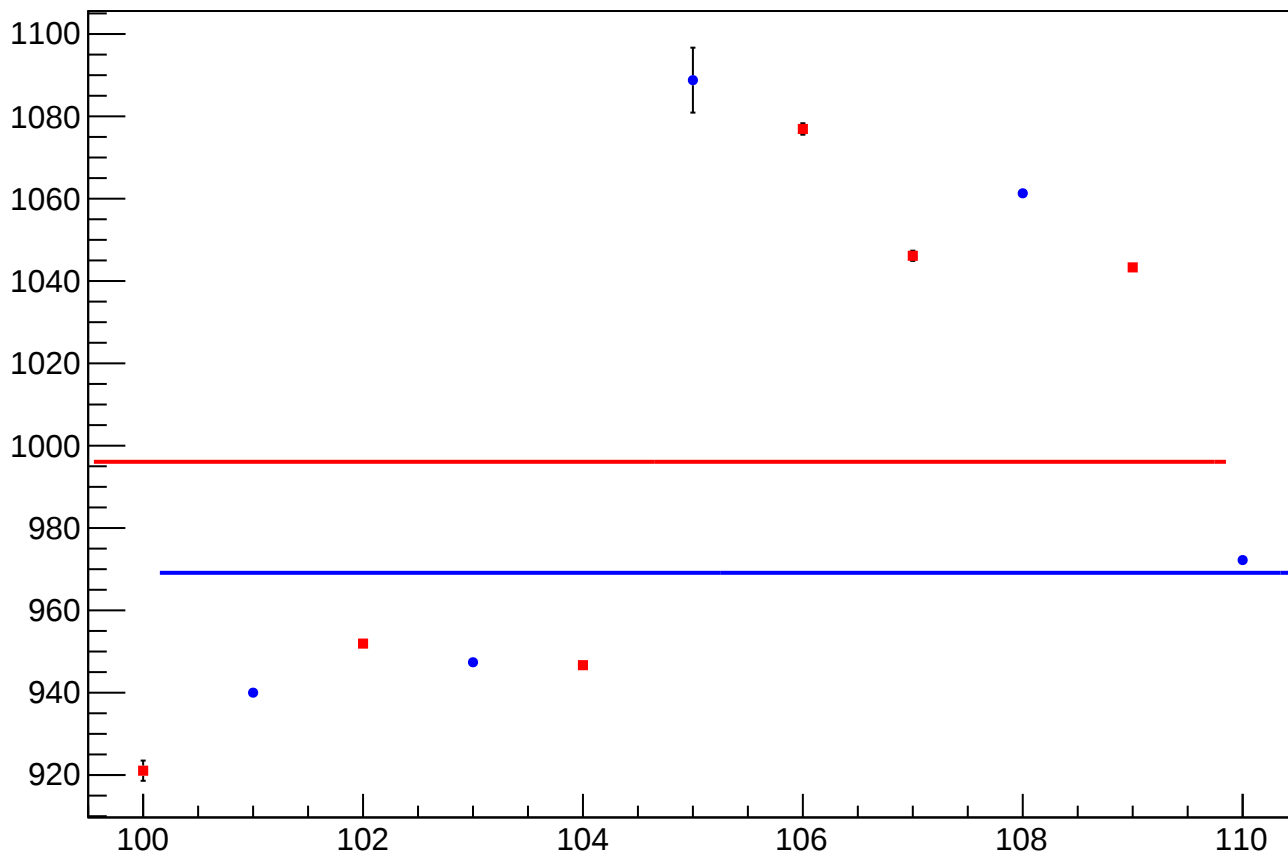
Right Out: -10.718+/-0.659 χ^2 /NDF: 27.5/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

10.265+/-0.705 χ^2 /NDF: 3.6/4

-10.718+/-0.659 χ^2 /NDF: 27.5/5

diff_bpm2i01X_rms vs slug



Right In: 969.123 $\pm$ 0.499 χ^2 /NDF: 7679.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

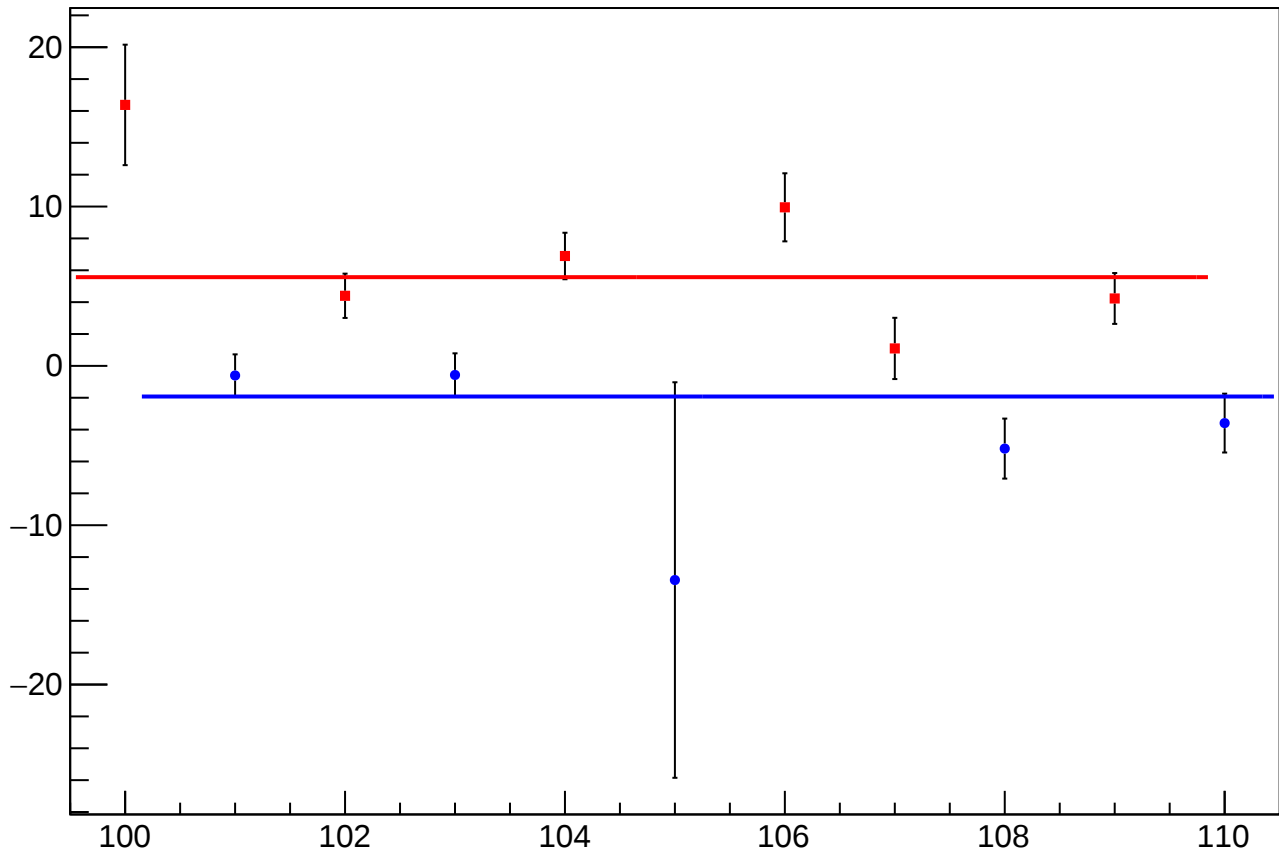
Right Out: 996.088 $\pm$ 0.466 χ^2 /NDF: 13156.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

969.123 $\pm$ 0.499 χ^2 /NDF: 7679.6/4

996.088 $\pm$ 0.466 χ^2 /NDF: 13156.8/5

diff_bpm2i01Y_mean vs slug



Right In: -1.923+/-0.768 χ^2 /NDF: 6.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

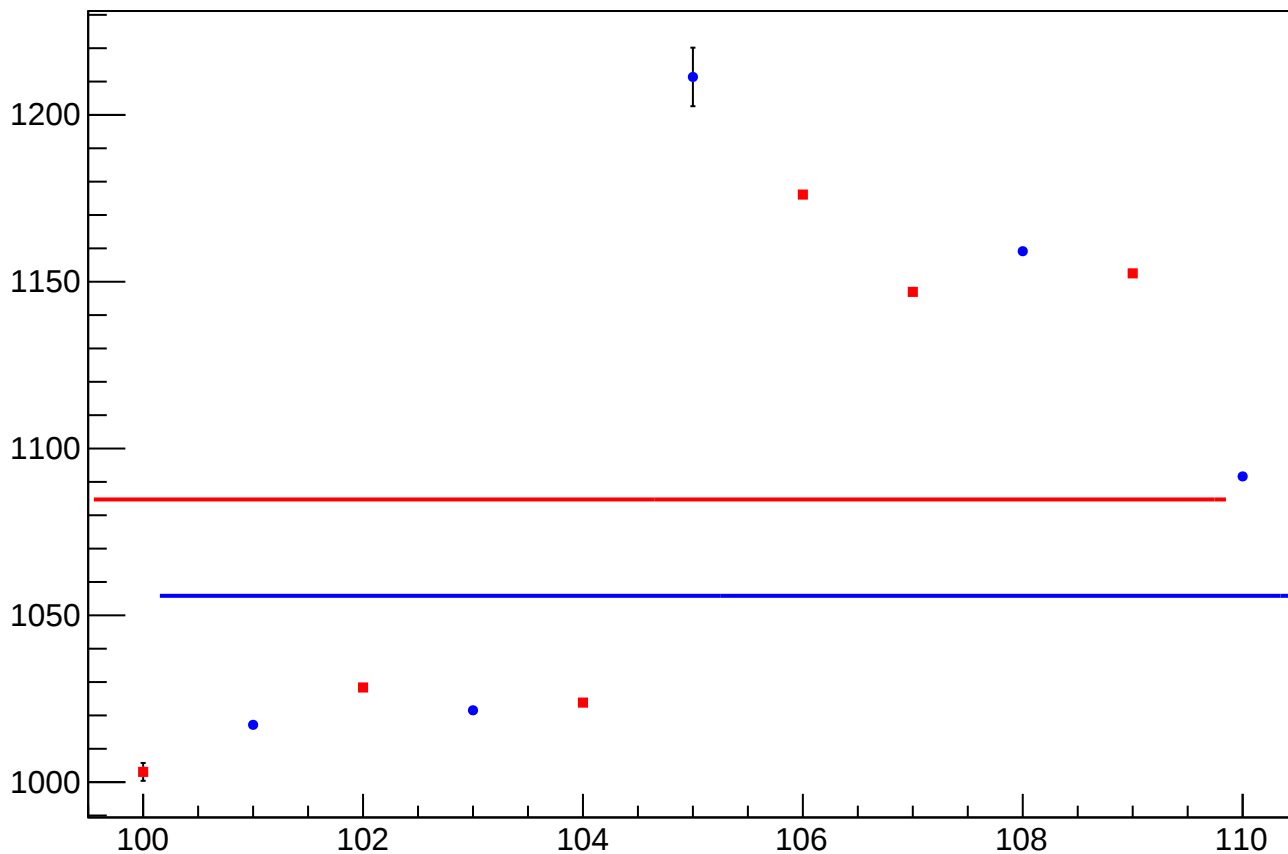
Right Out: 5.568+/-0.718 χ^2 /NDF: 20.0/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.923+/-0.768 χ^2 /NDF: 6.7/4

5.568+/-0.718 χ^2 /NDF: 20.0/5

diff_bpm2i01Y_rms vs slug



Right In: 1055.852 $\pm$ 0.543 χ^2 /NDF: 10061.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

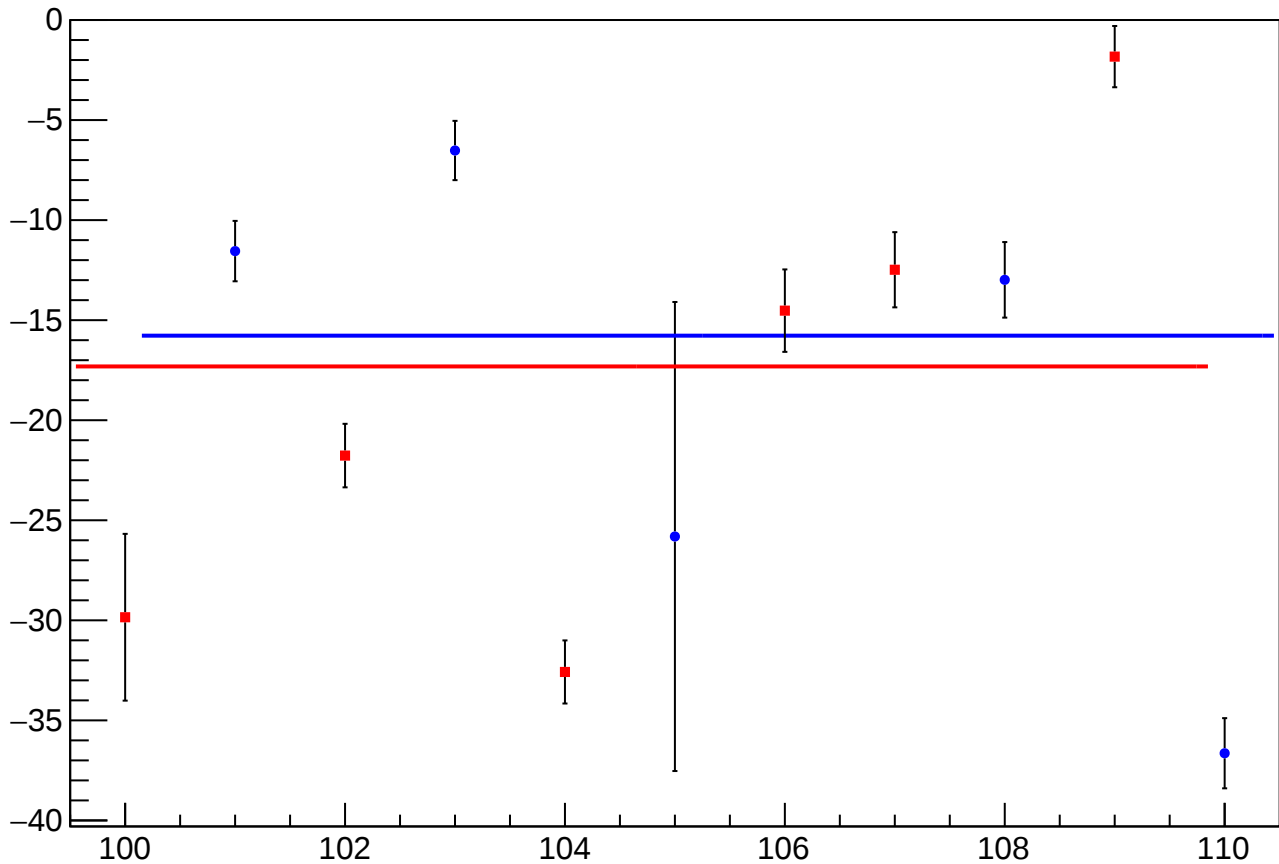
Right Out: 1084.735 $\pm$ 0.508 χ^2 /NDF: 17068.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1055.852 $\pm$ 0.543 χ^2 /NDF: 10061.7/4

1084.735 $\pm$ 0.508 χ^2 /NDF: 17068.4/5

diff_bpm2i02X_mean vs slug



Right In: -15.774+/-0.814 χ^2/NDF : 191.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

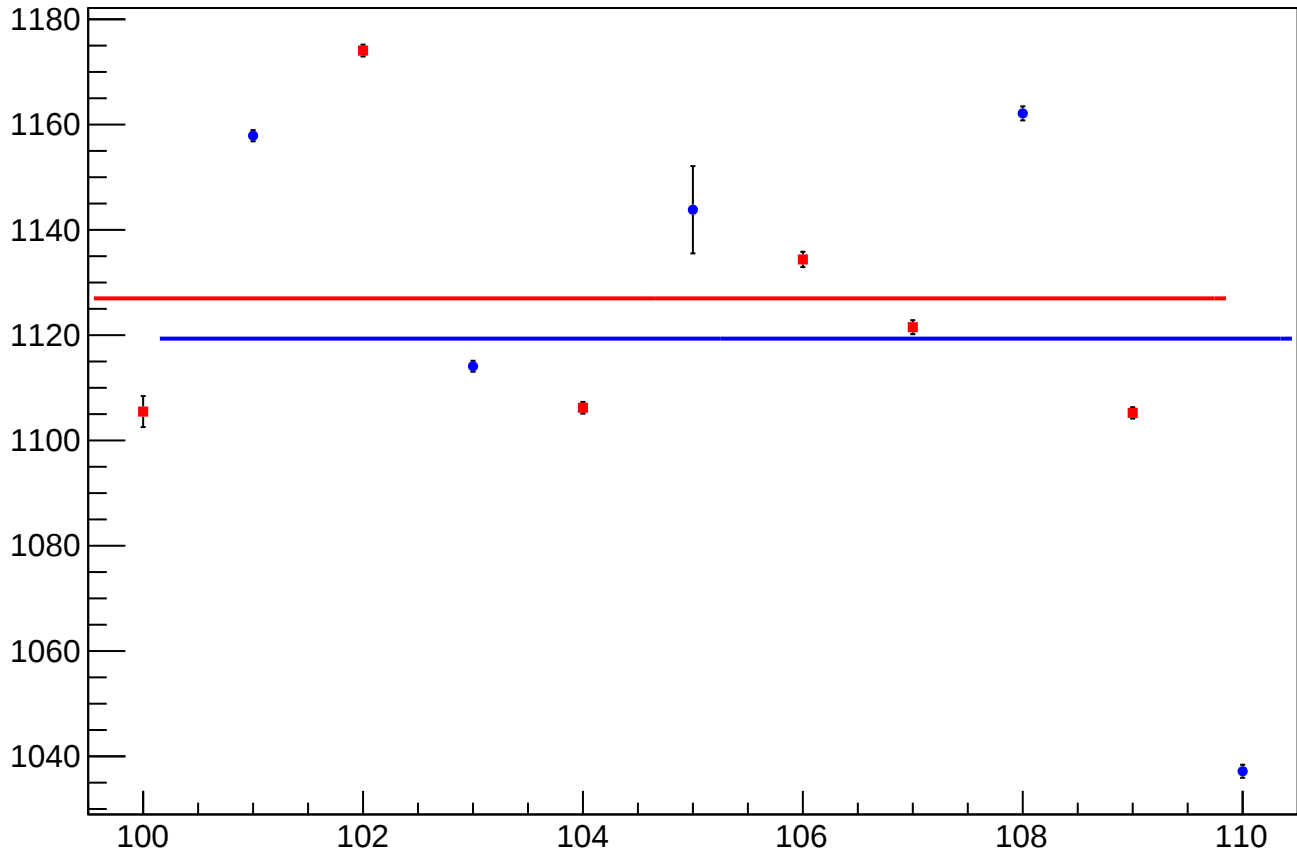
-15.774+/-0.814 χ^2/NDF : 191.4/4

Right Out: -17.312+/-0.745 χ^2/NDF : 221.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-17.312+/-0.745 χ^2/NDF : 221.5/5

diff_bpm2i02X_rms vs slug



Right In: 1119.341 $\pm$ 0.576 χ^2 /NDF: 6757.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

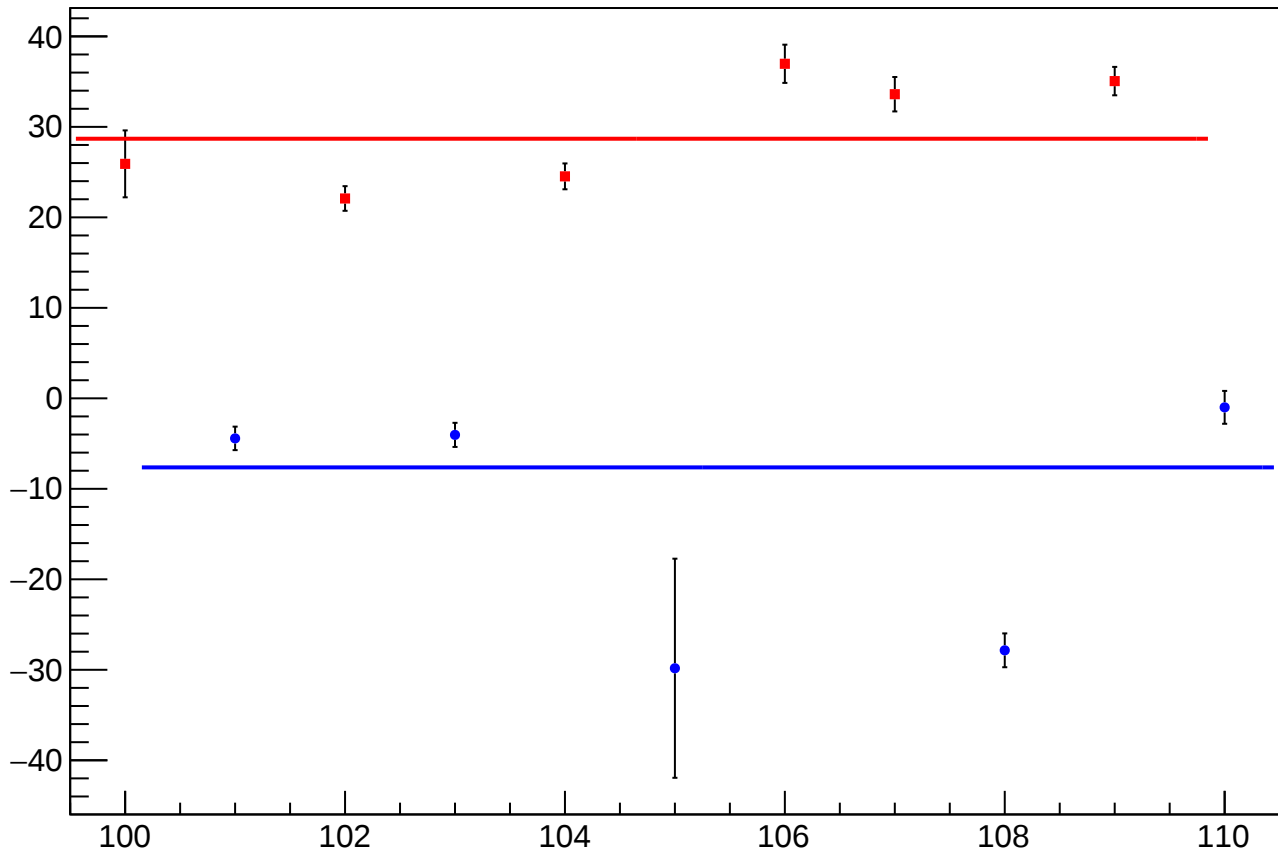
Right Out: 1126.986 $\pm$ 0.527 χ^2 /NDF: 2606.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1119.341 $\pm$ 0.576 χ^2 /NDF: 6757.1/4

1126.986 $\pm$ 0.527 χ^2 /NDF: 2606.0/5

diff_bpm2i02Y_mean vs slug



Right In: -7.631+/-0.755 χ^2/NDF : 147.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

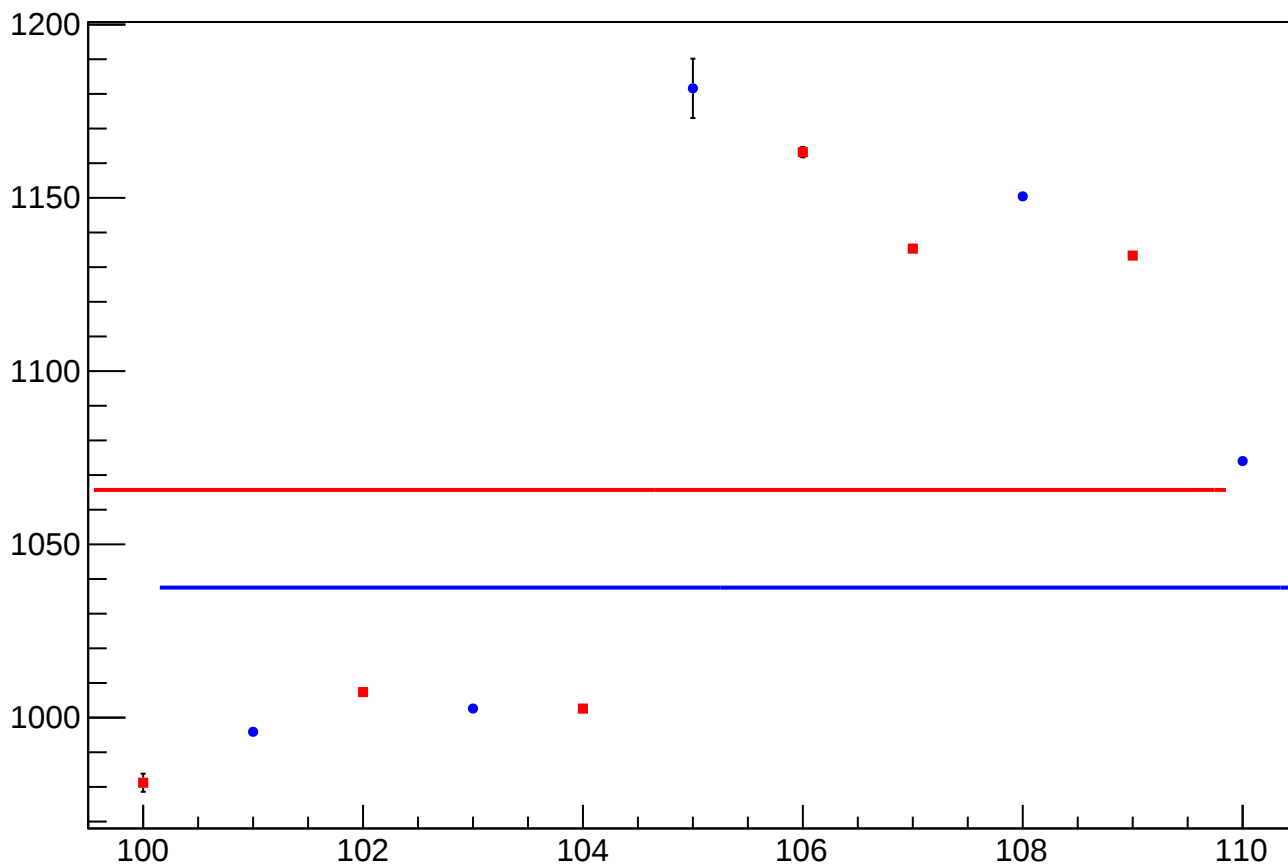
Right Out: 28.689+/-0.706 χ^2/NDF : 71.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.631+/-0.755 χ^2/NDF : 147.1/4

28.689+/-0.706 χ^2/NDF : 71.1/5

diff_bpm2i02Y_rms vs slug



Right In: 1037.524 $\pm$ 0.534 χ^2 /NDF: 11818.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

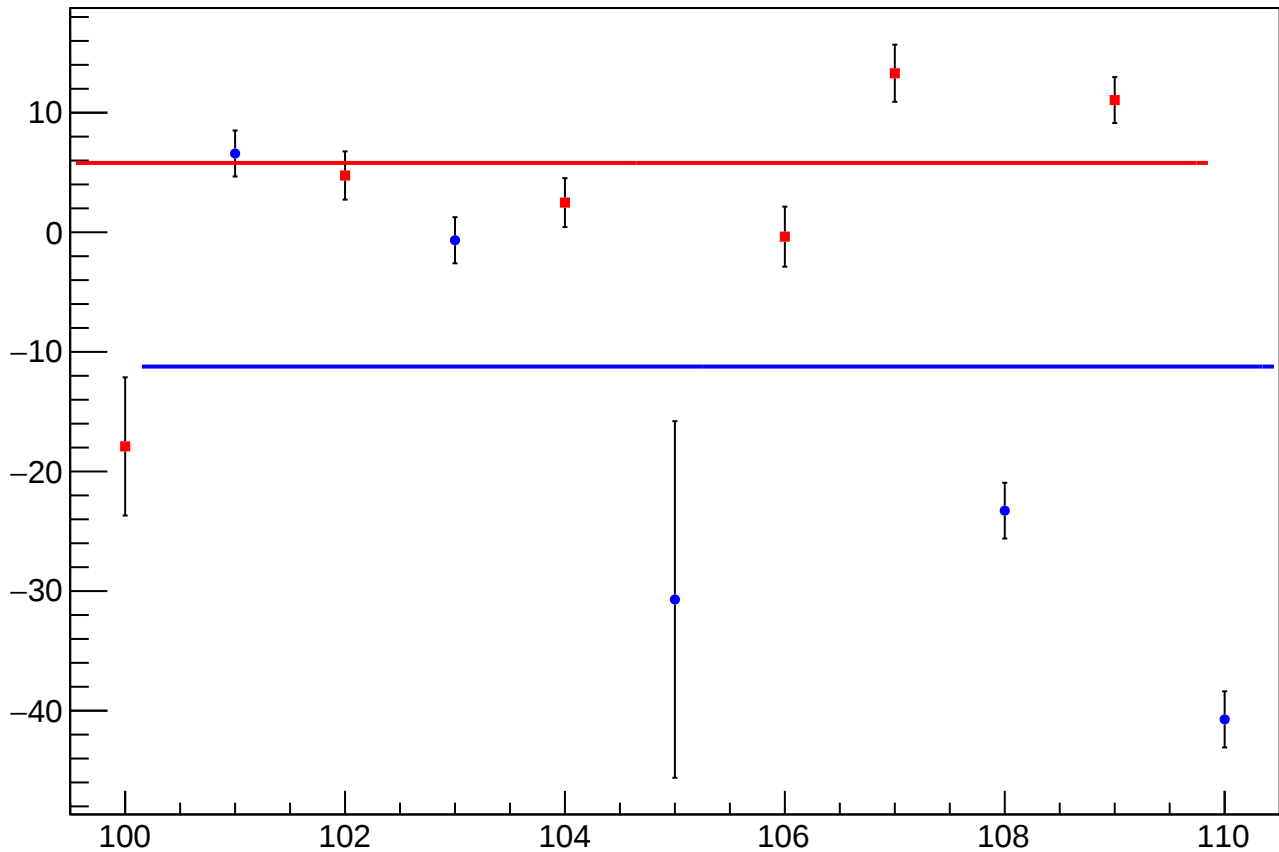
Right Out: 1065.712 $\pm$ 0.499 χ^2 /NDF: 19272.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1037.524 $\pm$ 0.534 χ^2 /NDF: 11818.5/4

1065.712 $\pm$ 0.499 χ^2 /NDF: 19272.0/5

diff_bpm0i02X_mean vs slug



Right In: -11.227 ± 1.049 χ^2/NDF : 302.1/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

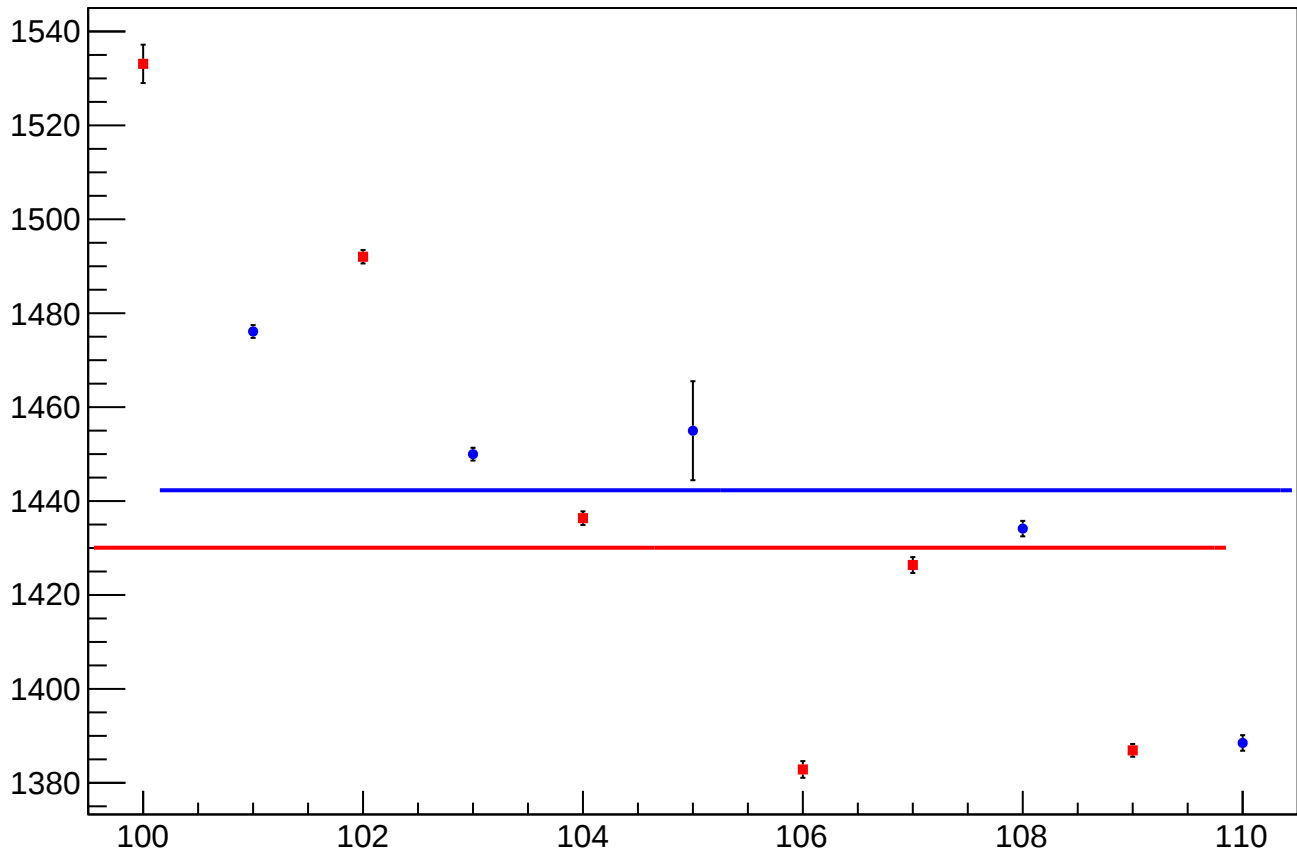
Right Out: 5.799 ± 0.945 χ^2/NDF : 43.1/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-11.227 ± 1.049 χ^2/NDF : 302.1/4

5.799 ± 0.945 χ^2/NDF : 43.1/5

diff_bpm0i02X_rms vs slug



Right In: 1442.300+/-0.741 χ^2 /NDF: 1726.3/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

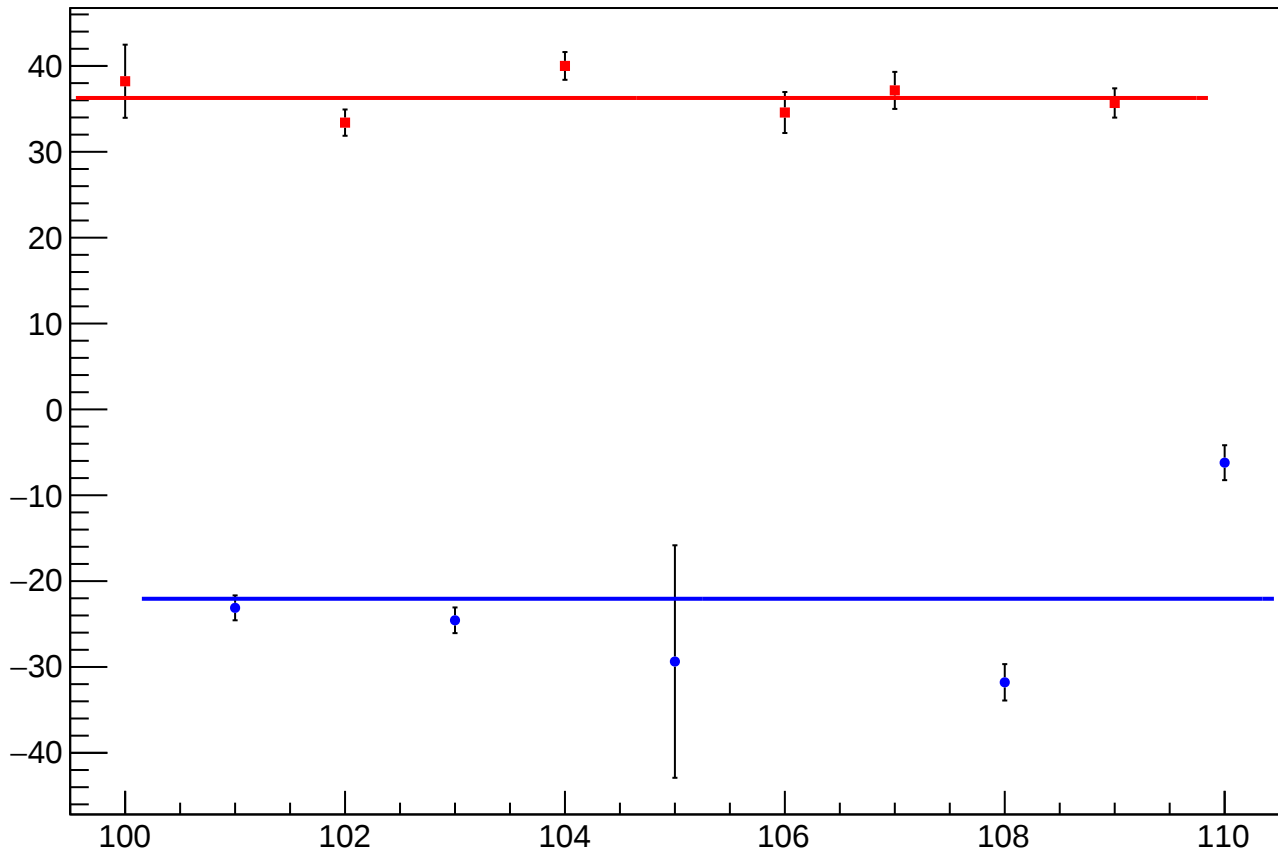
Right Out: 1430.065+/-0.668 χ^2 /NDF: 4263.3/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1442.300+/-0.741 χ^2 /NDF: 1726.3/4

1430.065+/-0.668 χ^2 /NDF: 4263.3/5

diff_bpm0i02Y_mean vs slug



Right In: -22.056 $\pm$ 0.847 χ^2 /NDF: 85.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

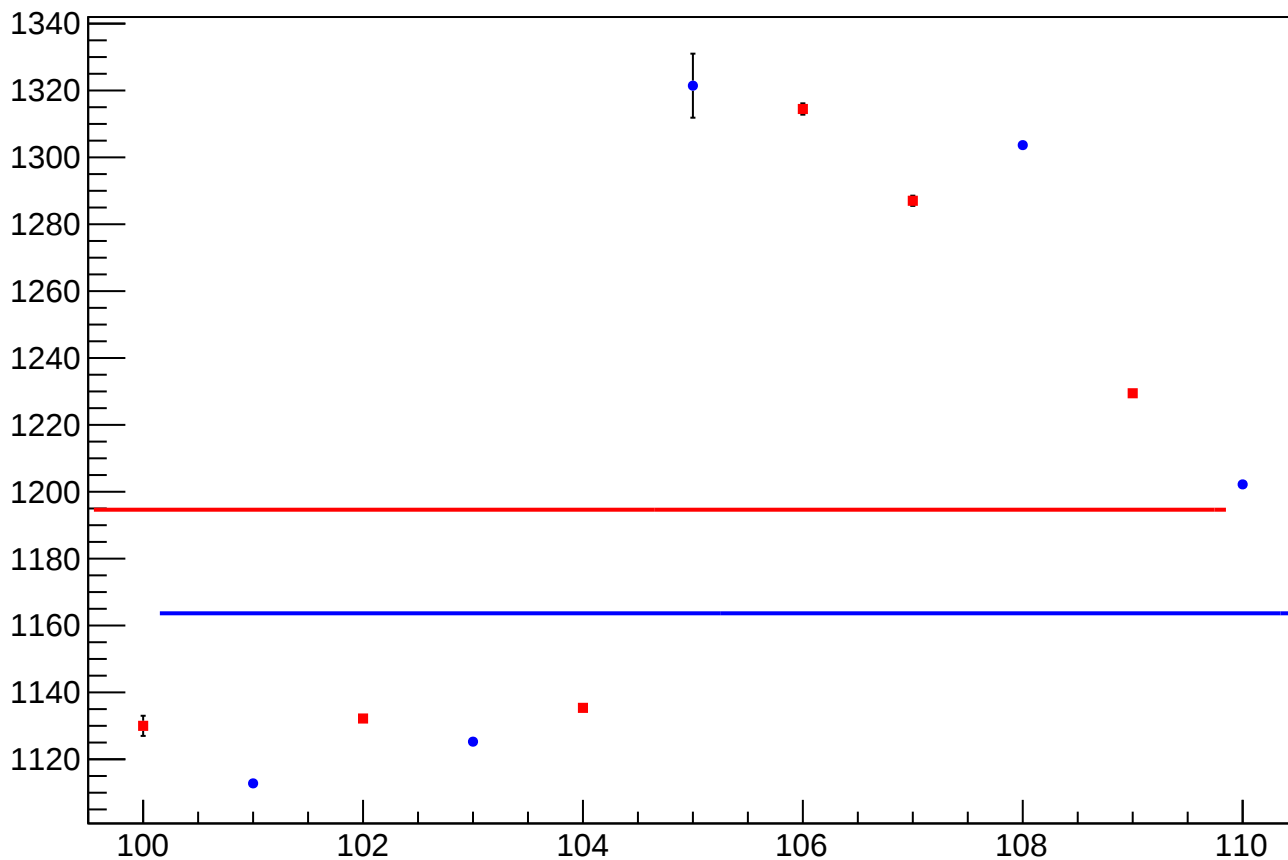
Right Out: 36.270 $\pm$ 0.791 χ^2 /NDF: 9.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-22.056 $\pm$ 0.847 χ^2 /NDF: 85.4/4

36.270 $\pm$ 0.791 χ^2 /NDF: 9.8/5

diff_bpm0i02Y_rms vs slug



Right In: 1163.651+/-0.599 χ^2/NDF : 13498.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

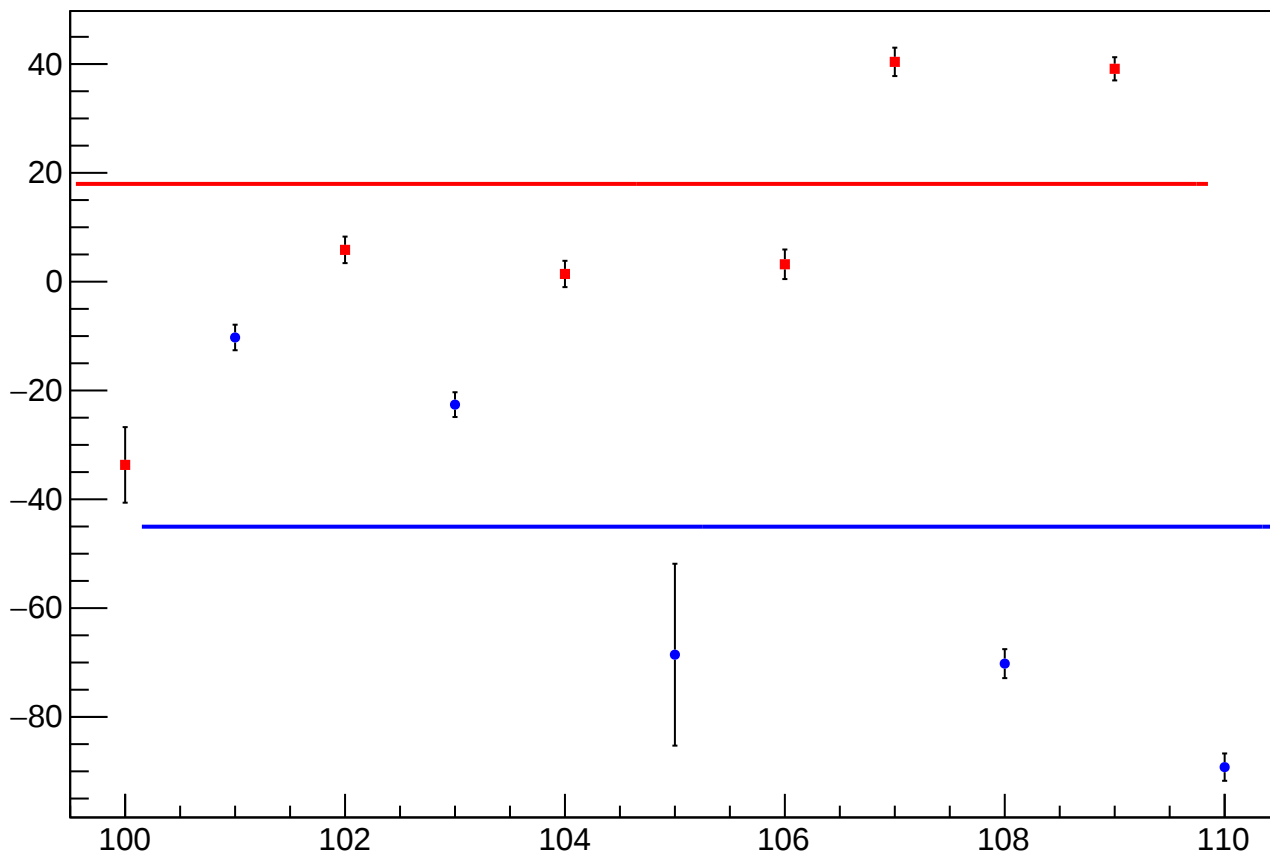
Right Out: 1194.631+/-0.559 χ^2/NDF : 16018.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1163.651+/-0.599 χ^2/NDF : 13498.9/4

1194.631+/-0.559 χ^2/NDF : 16018.3/5

diff_bpm0i02aX_mean vs slug



Right In: -45.031+/-1.215 χ^2/NDF : 717.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

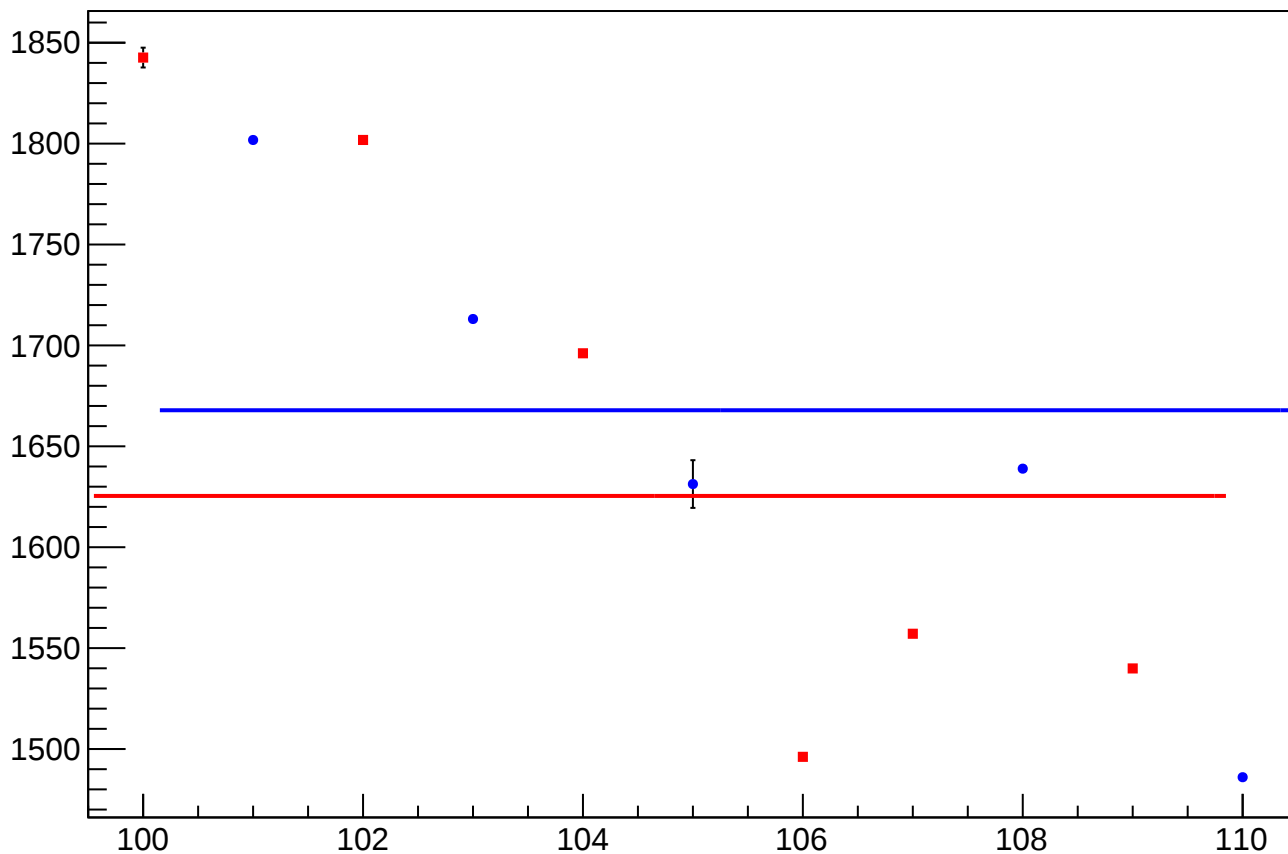
Right Out: 17.969+/-1.077 χ^2/NDF : 328.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-45.031+/-1.215 χ^2/NDF : 717.0/4

17.969+/-1.077 χ^2/NDF : 328.8/5

diff_bpm0i02aX_rms vs slug



Right In: 1667.871+/-0.859 χ^2/NDF : 18015.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

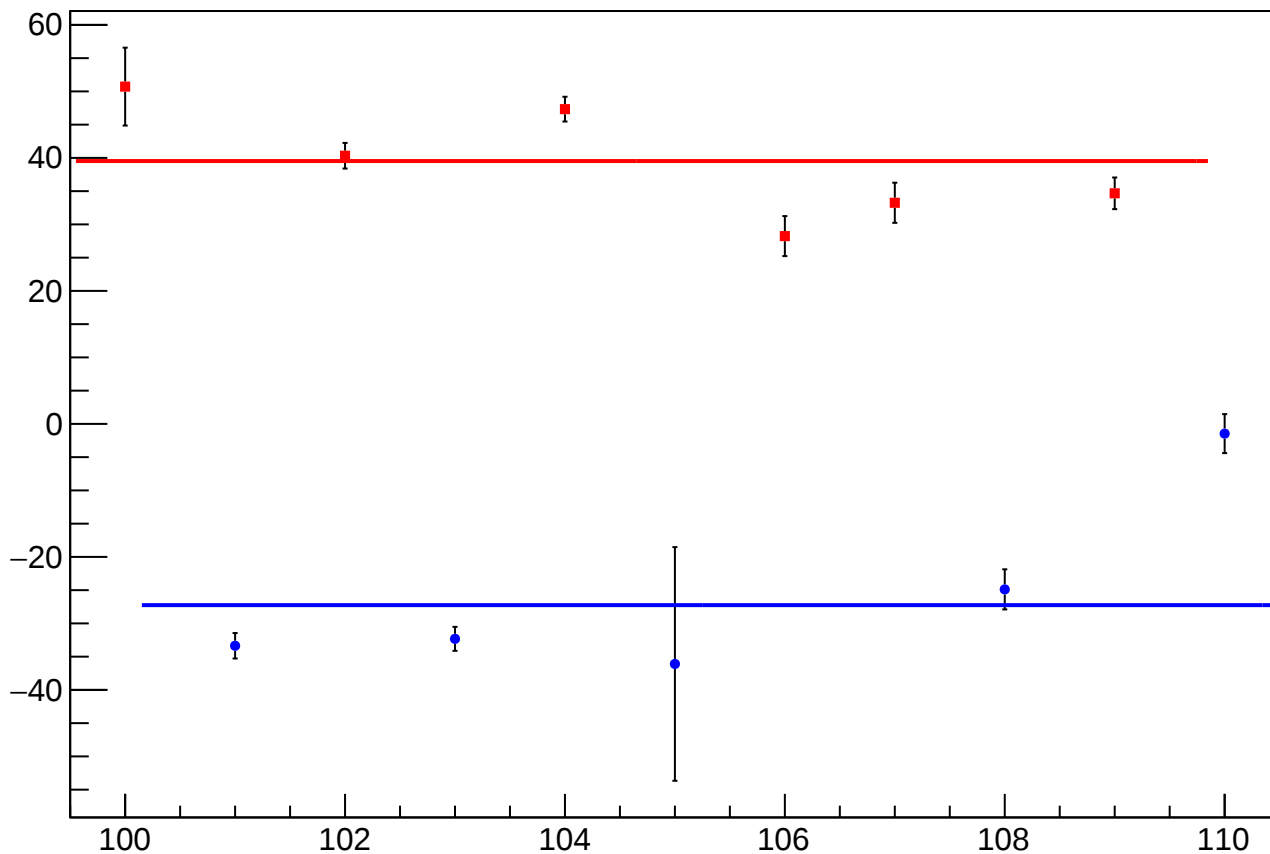
Right Out: 1625.414+/-0.761 χ^2/NDF : 23260.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1667.871+/-0.859 χ^2/NDF : 18015.0/4

1625.414+/-0.761 χ^2/NDF : 23260.9/5

diff_bpm0i02aY_mean vs slug



Right In: -27.254+/-1.111 χ^2/NDF : 96.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

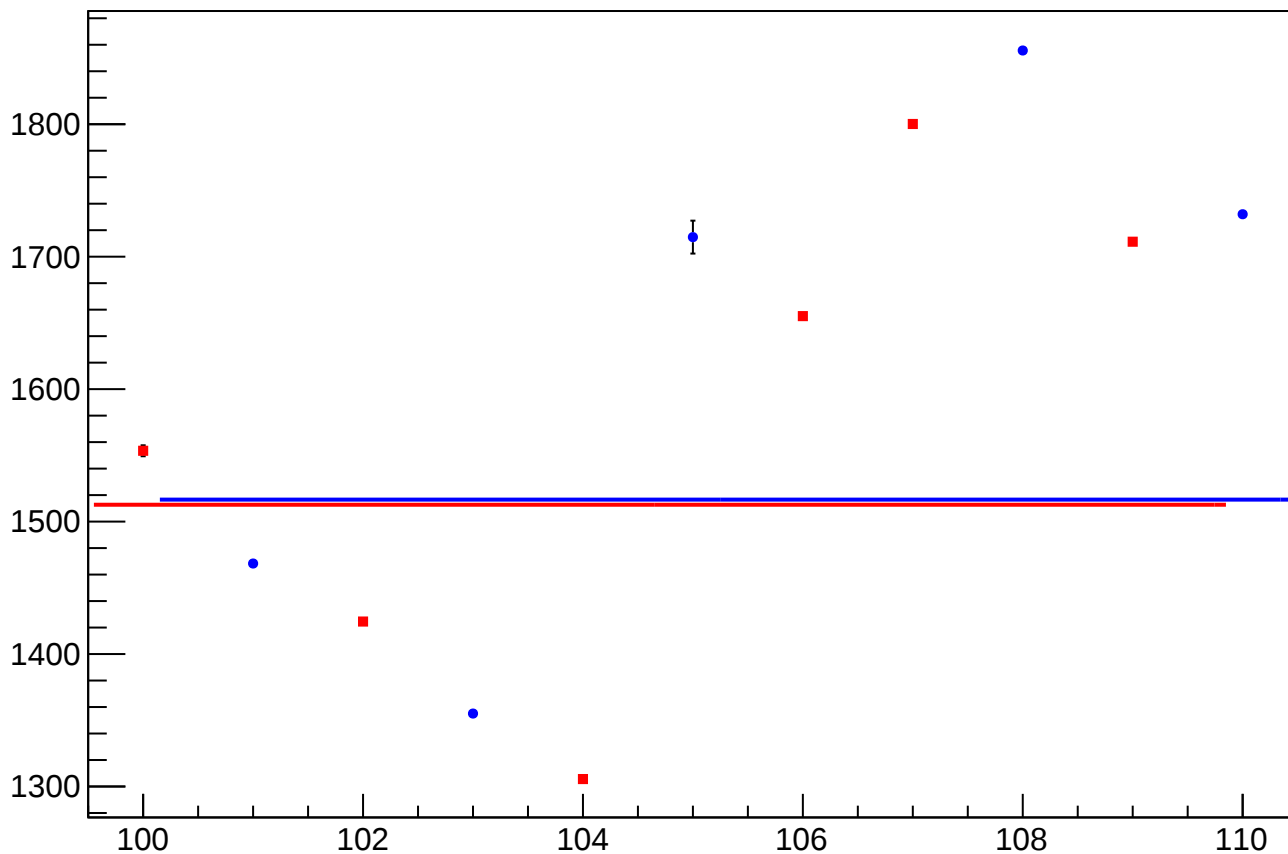
Right Out: 39.528+/-1.008 χ^2/NDF : 44.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-27.254+/-1.111 χ^2/NDF : 96.3/4

39.528+/-1.008 χ^2/NDF : 44.0/5

diff_bpm0i02aY_rms vs slug



Right In: 1516.592+/-0.785 χ^2/NDF : 53650.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

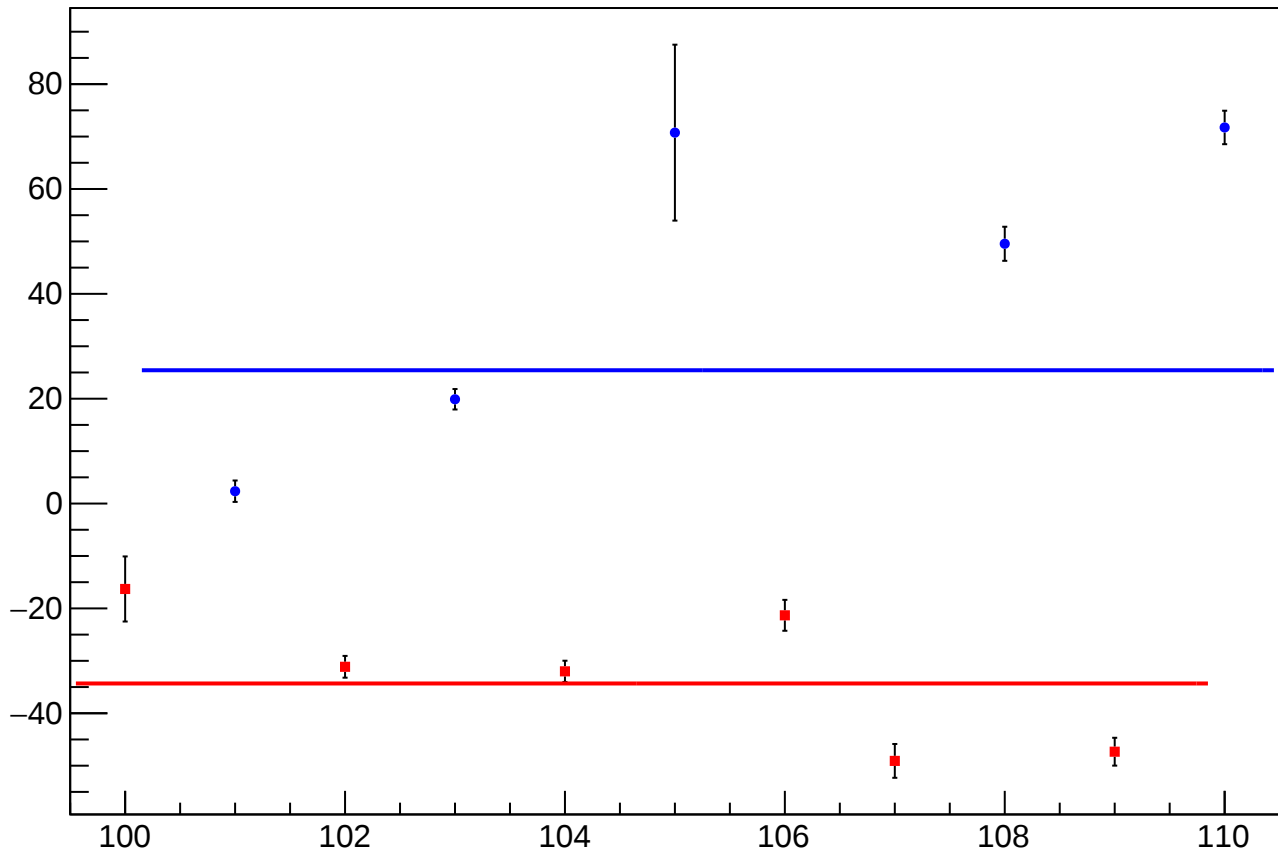
Right Out: 1512.725+/-0.713 χ^2/NDF : 65609.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1516.592+/-0.785 χ^2/NDF : 53650.1/4

1512.725+/-0.713 χ^2/NDF : 65609.8/5

diff_bpm0i05X_mean vs slug



Right In: 25.427+/-1.196 χ^2 /NDF: 408.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

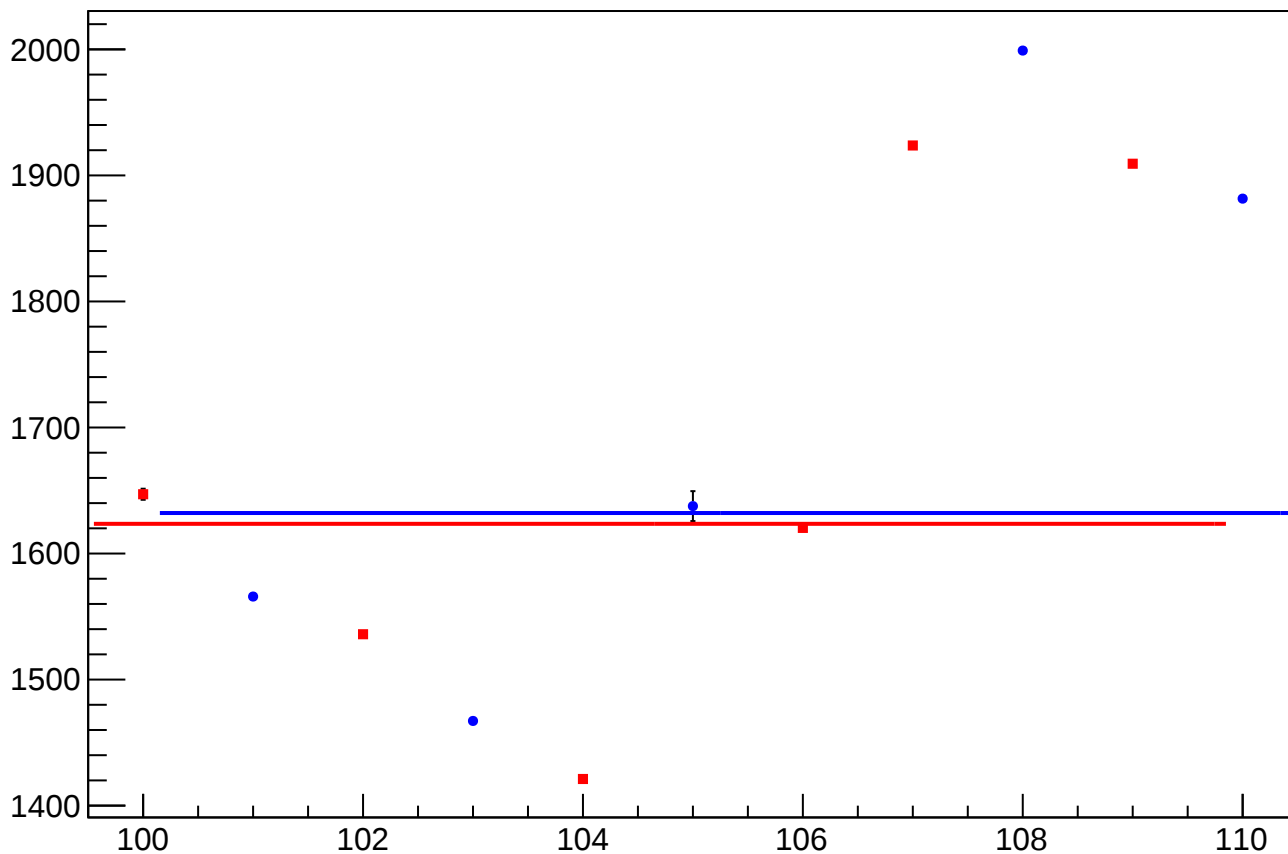
Right Out: -34.319+/-1.082 χ^2 /NDF: 76.5/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

25.427+/-1.196 χ^2 /NDF: 408.6/4

-34.319+/-1.082 χ^2 /NDF: 76.5/5

diff_bpm0i05X_rms vs slug



Right In: 1632.149 $\pm$ 0.846 χ^2 /NDF: 54112.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

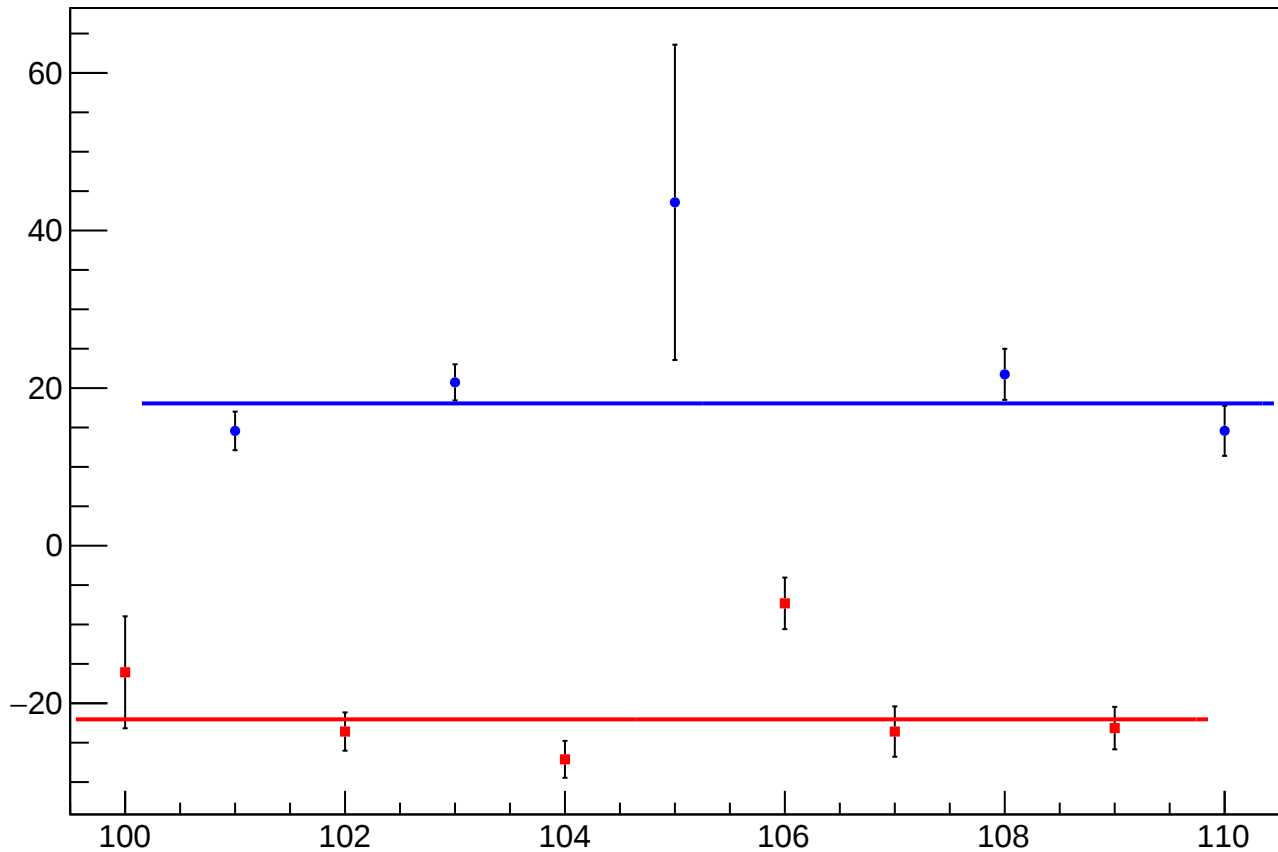
Right Out: 1623.572 $\pm$ 0.765 χ^2 /NDF: 64053.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1632.149 $\pm$ 0.846 χ^2 /NDF: 54112.8/4

1623.572 $\pm$ 0.765 χ^2 /NDF: 64053.0/5

diff_bpm0i05Y_mean vs slug



Right In: 18.057+/-1.344 χ^2/NDF : 7.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

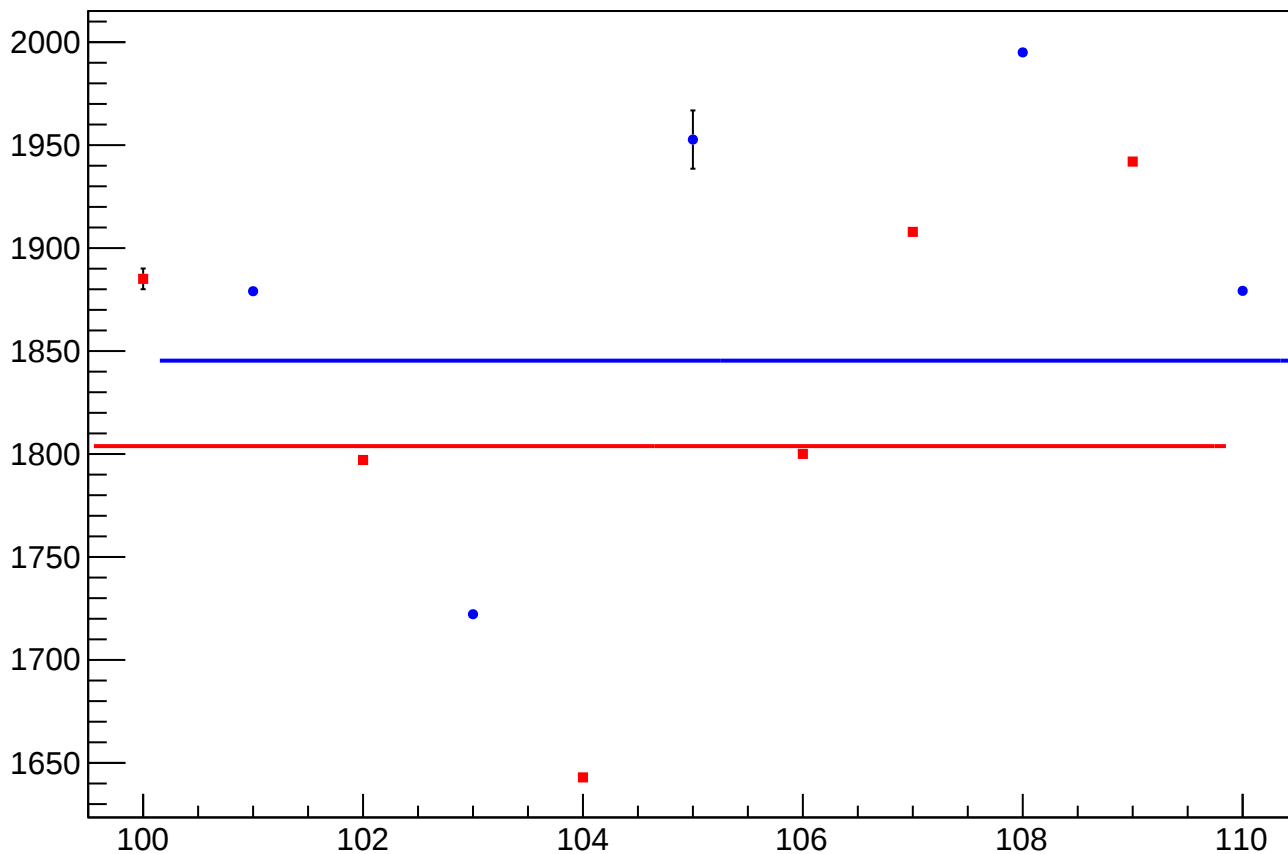
Right Out: -22.040+/-1.195 χ^2/NDF : 26.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.057+/-1.344 χ^2/NDF : 7.5/4

-22.040+/-1.195 χ^2/NDF : 26.4/5

diff_bpm0i05Y_rms vs slug



Right In: 1845.342 $\pm$ 0.950 χ^2 /NDF: 10707.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

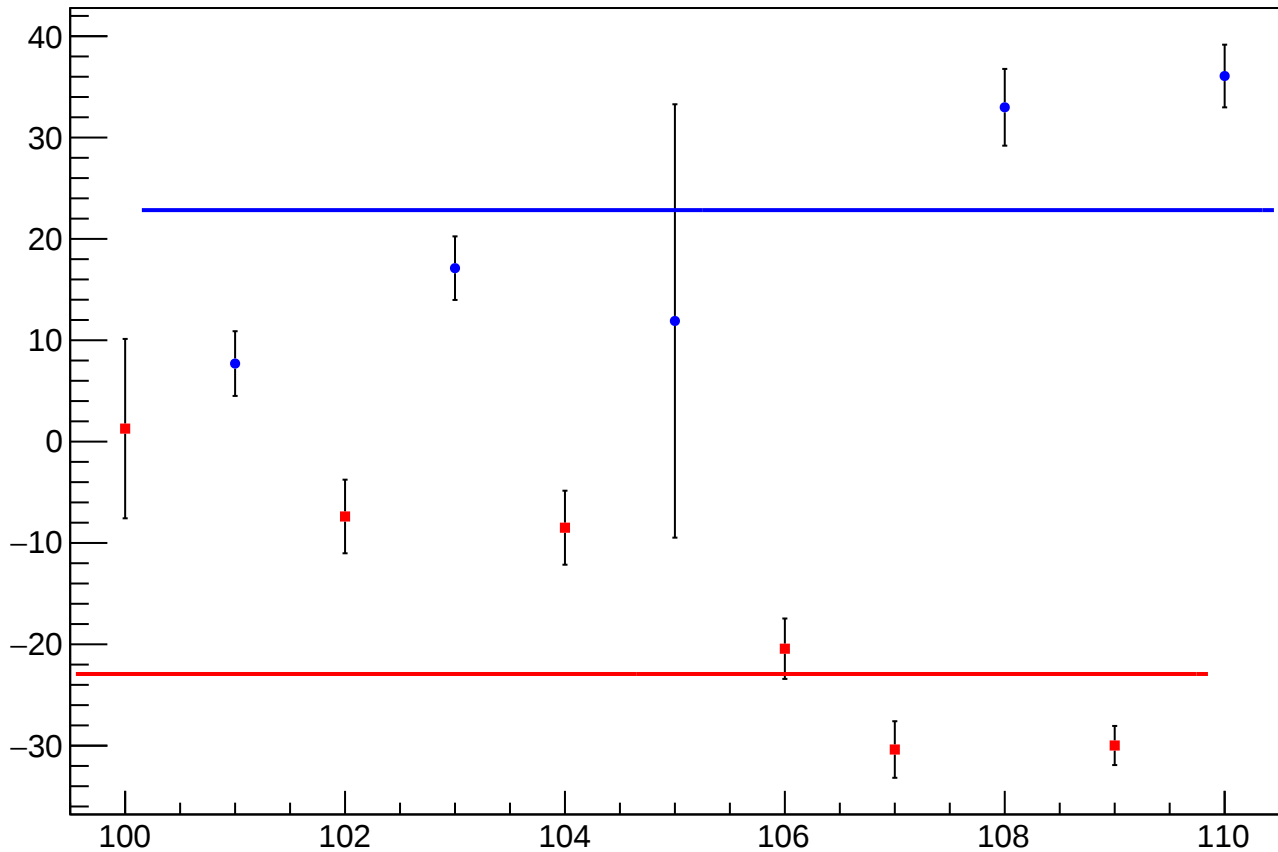
Right Out: 1803.835 $\pm$ 0.845 χ^2 /NDF: 17092.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1845.342 $\pm$ 0.950 χ^2 /NDF: 10707.8/4

1803.835 $\pm$ 0.845 χ^2 /NDF: 17092.2/5

diff_bpm0i07X_mean vs slug



Right In: 22.840+/-1.630 χ^2/NDF : 51.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

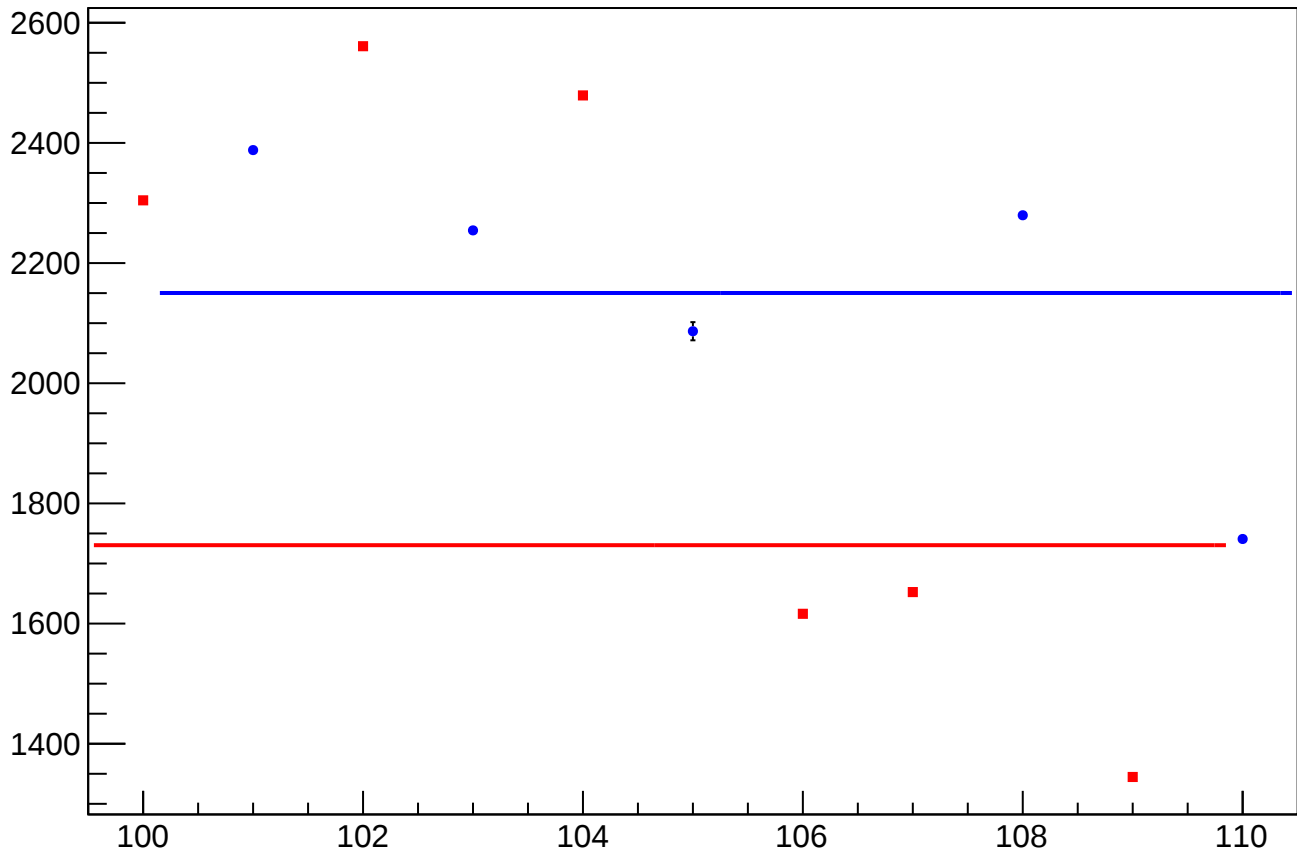
22.840+/-1.630 χ^2/NDF : 51.6/4

Right Out: -22.927+/-1.219 χ^2/NDF : 62.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-22.927+/-1.219 χ^2/NDF : 62.6/5

diff_bpm0i07X_rms vs slug



Right In: 2150.230+/-1.153 χ^2/NDF : 50711.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

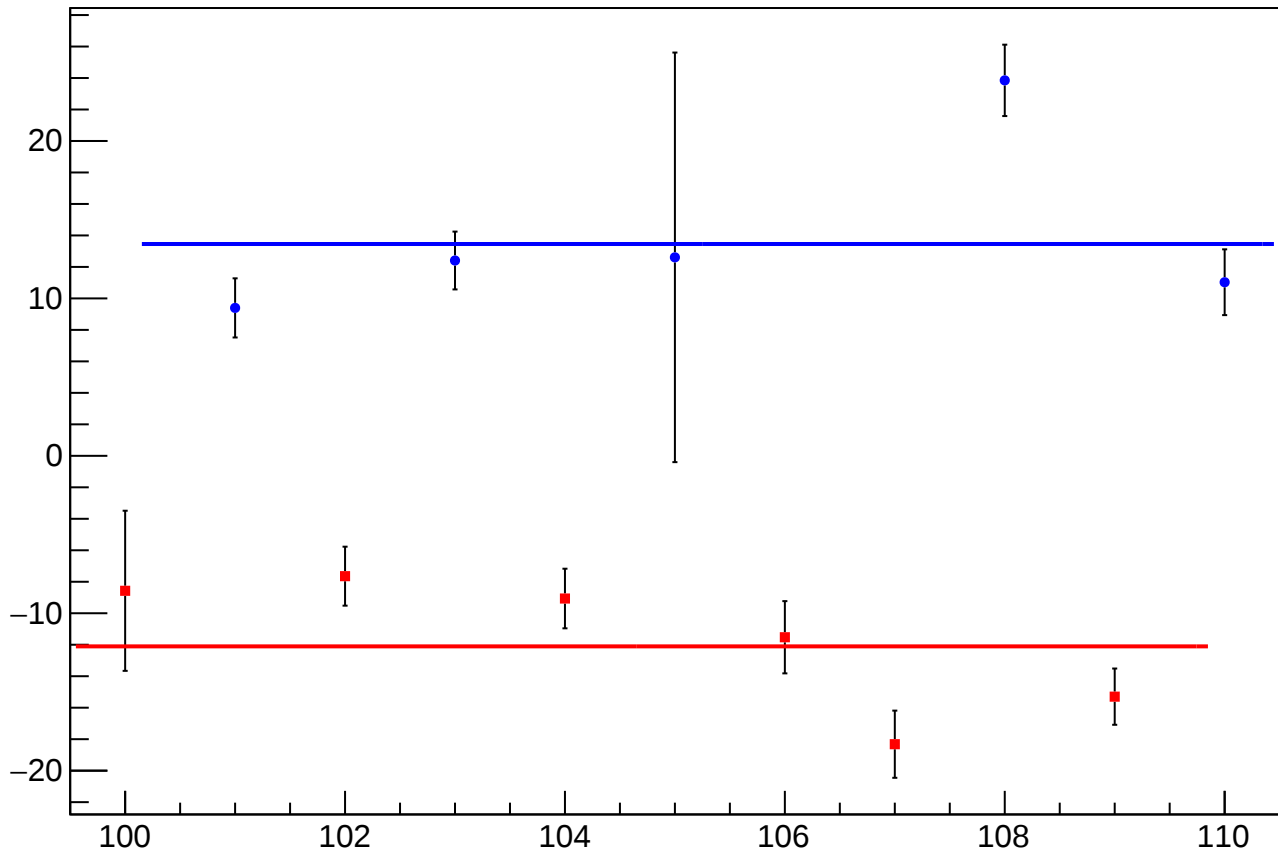
2150.230+/-1.153 χ^2/NDF : 50711.0/4

Right Out: 1730.469+/-0.862 χ^2/NDF : 281502.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1730.469+/-0.862 χ^2/NDF : 281502.4/5

diff_bpm0i07Y_mean vs slug



Right In: 13.456+/-0.995 χ^2/NDF : 27.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

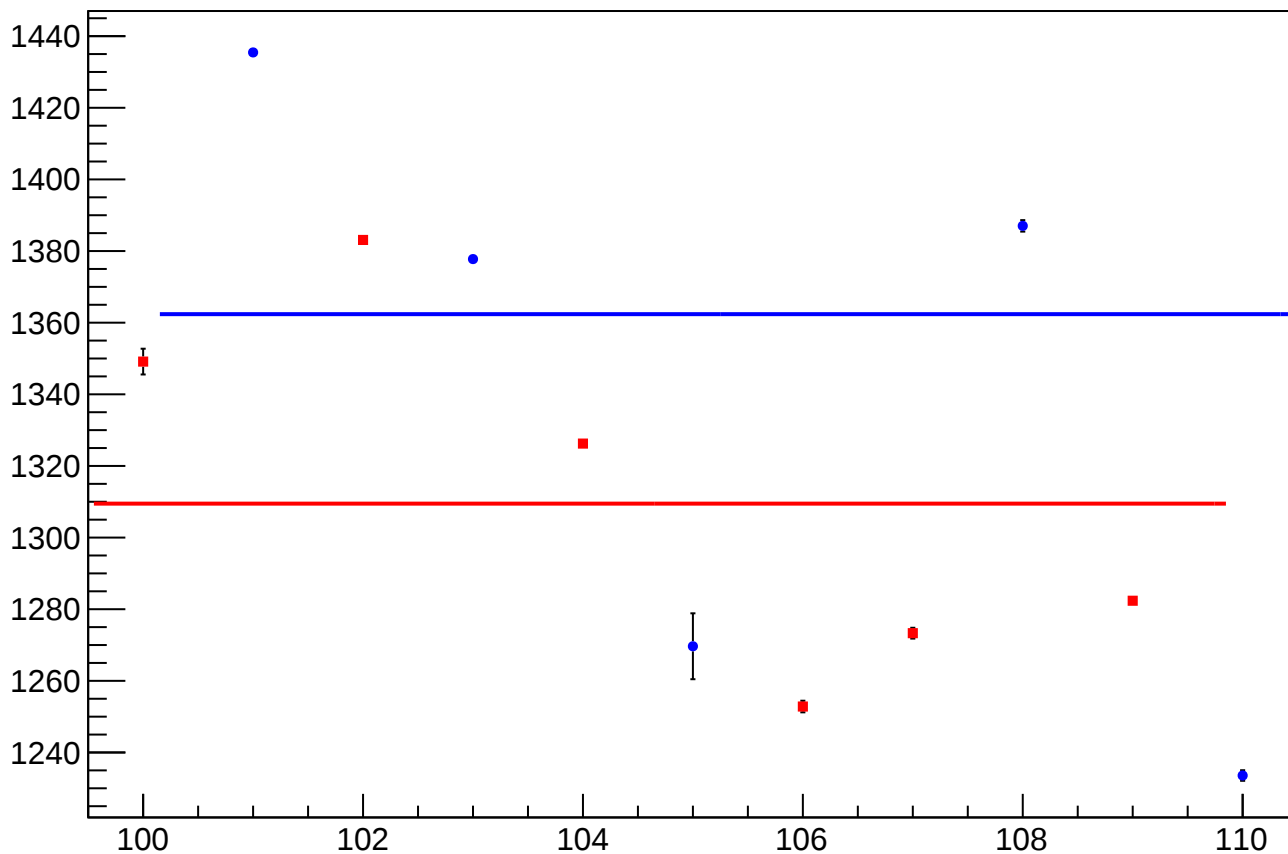
Right Out: -12.104+/-0.869 χ^2/NDF : 20.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13.456+/-0.995 χ^2/NDF : 27.4/4

-12.104+/-0.869 χ^2/NDF : 20.5/5

diff_bpm0i07Y_rms vs slug



Right In: 1362.380+/-0.704 χ^2/NDF : 11107.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

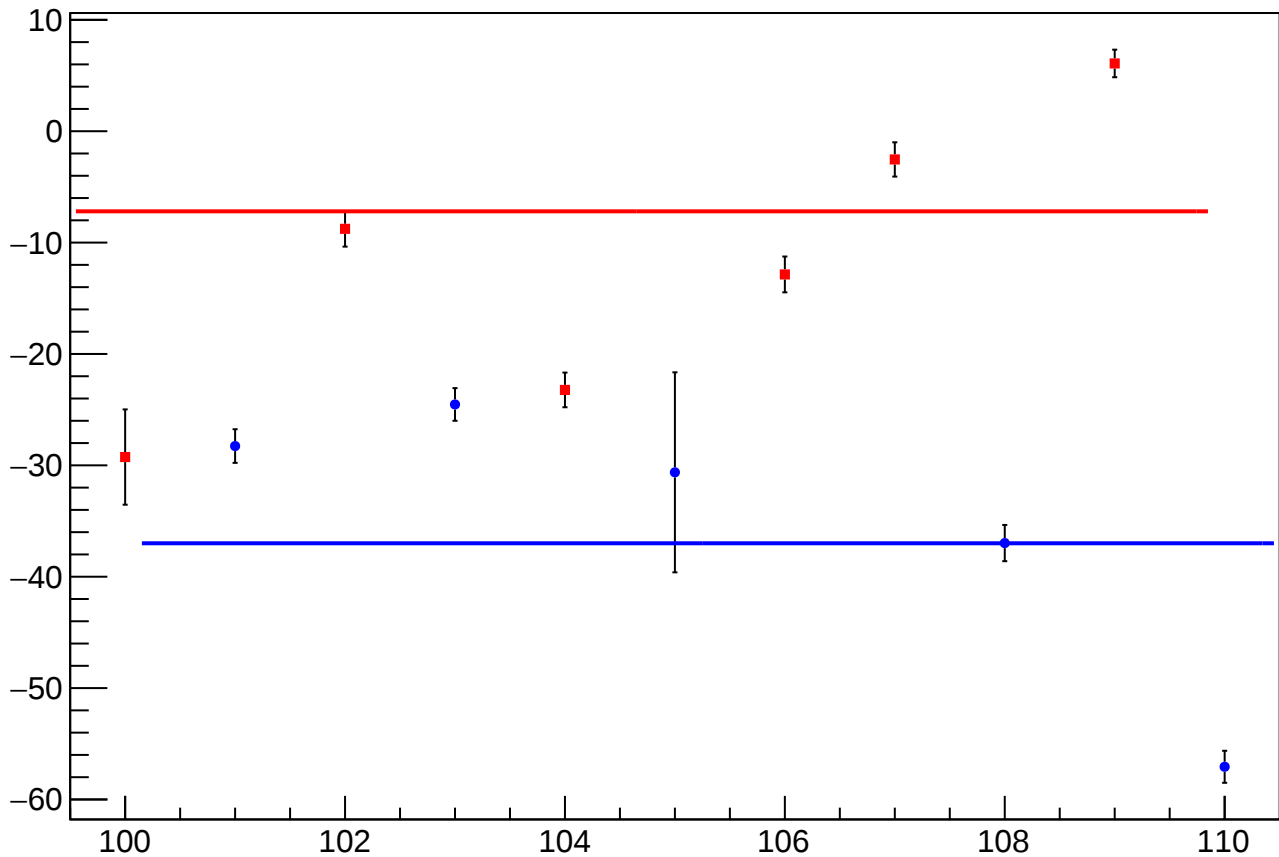
Right Out: 1309.478+/-0.614 χ^2/NDF : 5622.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1362.380+/-0.704 χ^2/NDF : 11107.6/4

1309.478+/-0.614 χ^2/NDF : 5622.4/5

diff_bpm1i02X_mean vs slug



Right In: -36.997 $\pm$ 0.750 χ^2 /NDF: 300.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

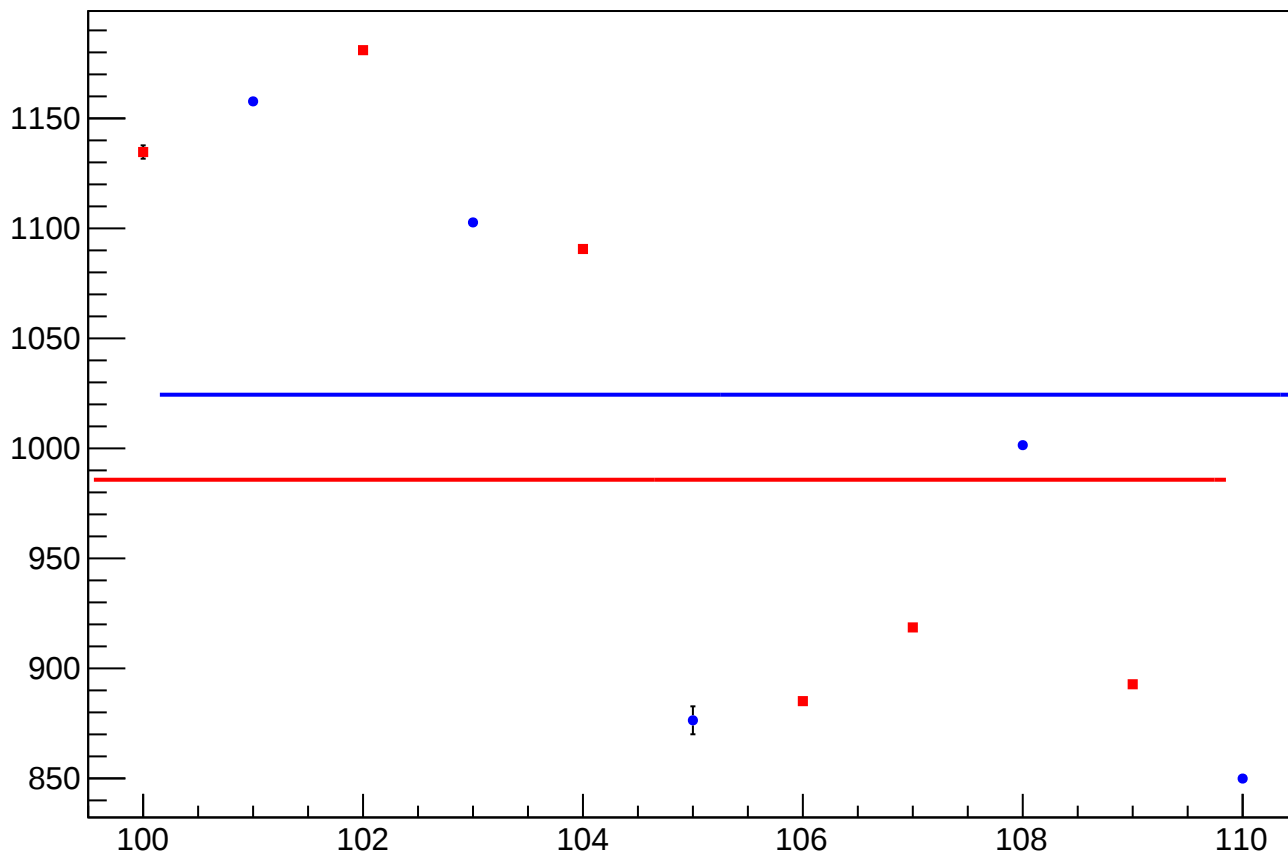
Right Out: -7.193 $\pm$ 0.656 χ^2 /NDF: 270.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-36.997 $\pm$ 0.750 χ^2 /NDF: 300.9/4

-7.193 $\pm$ 0.656 χ^2 /NDF: 270.5/5

diff_bpm1i02X_rms vs slug



Right In: 1024.400+/-0.530 χ^2/NDF : 51689.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

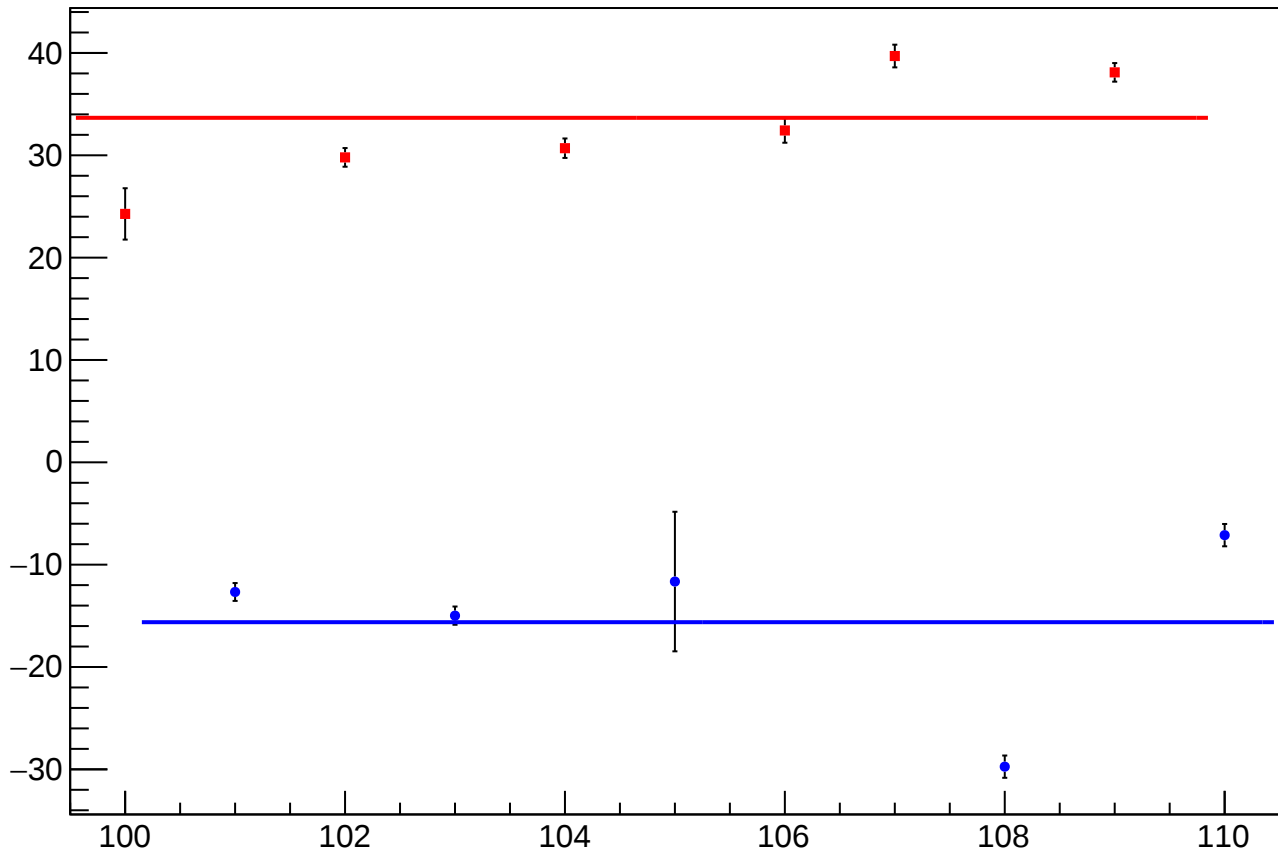
Right Out: 985.748+/-0.464 χ^2/NDF : 64313.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1024.400+/-0.530 χ^2/NDF : 51689.1/4

985.748+/-0.464 χ^2/NDF : 64313.6/5

diff_bpm1i02Y_mean vs slug



Right In: -15.621 ± 0.483 χ^2/NDF : 241.4/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

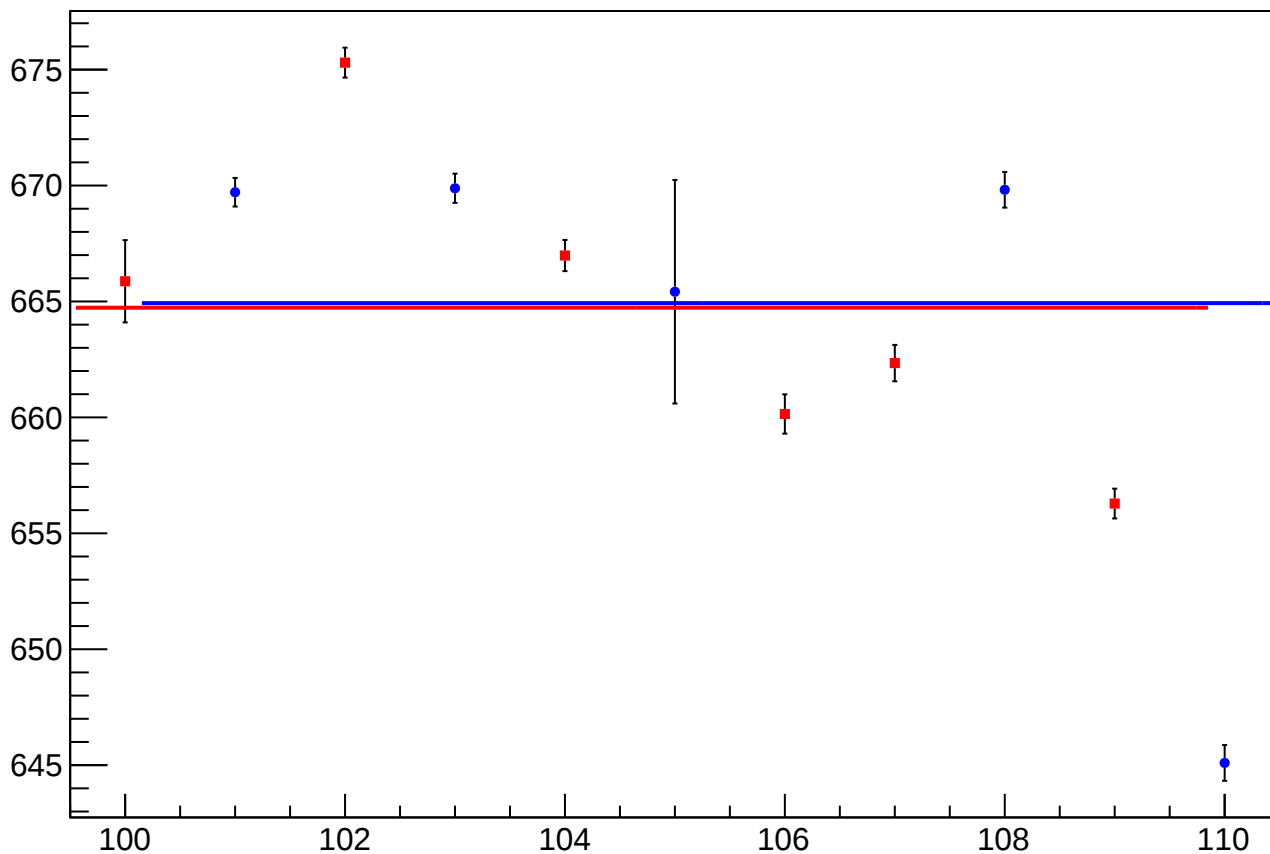
Right Out: 33.664 ± 0.439 χ^2/NDF : 96.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-15.621 ± 0.483 χ^2/NDF : 241.4/4

33.664 ± 0.439 χ^2/NDF : 96.3/5

diff_bpm1i02Y_rms vs slug



Right In: 664.929 $\pm$ 0.342 χ^2 /NDF: 823.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

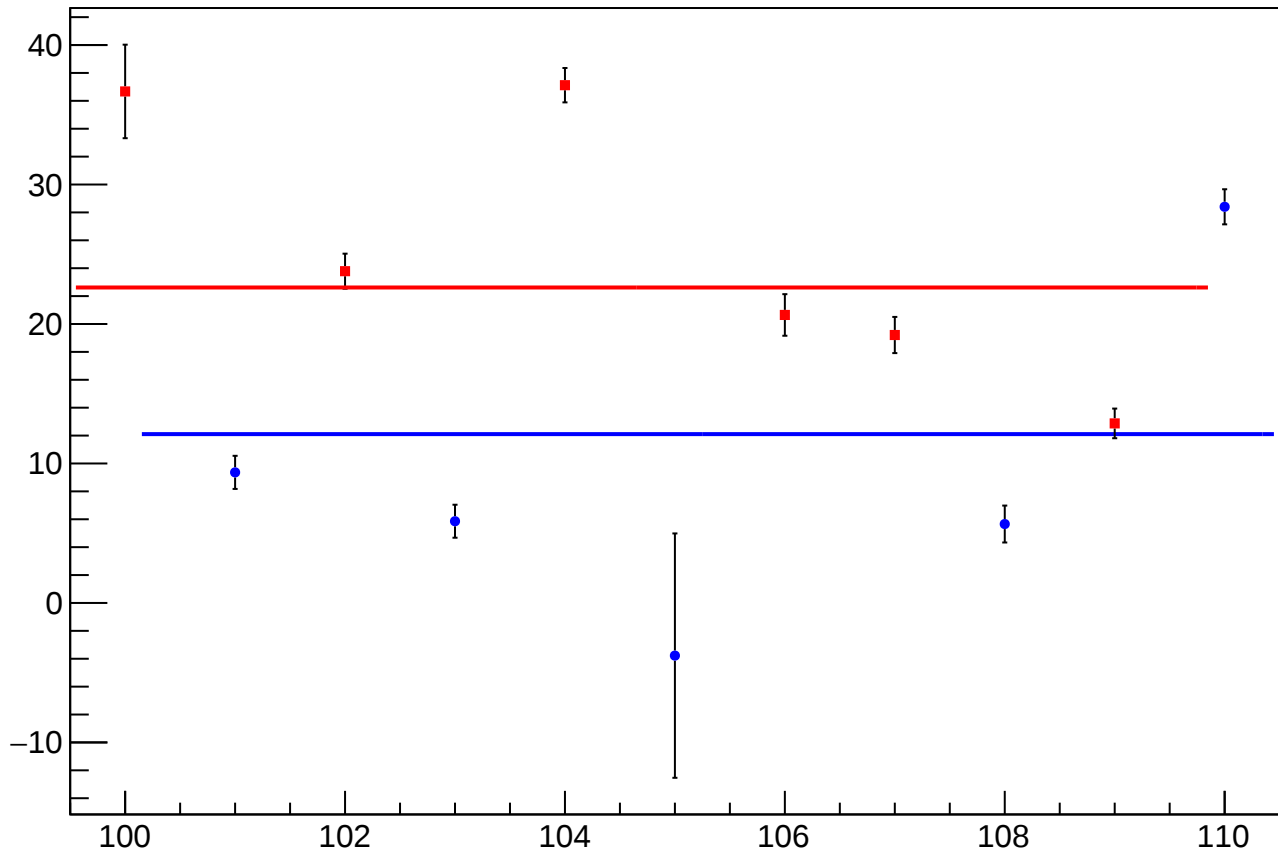
Right Out: 664.731 $\pm$ 0.311 χ^2 /NDF: 491.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

664.929 $\pm$ 0.342 χ^2 /NDF: 823.6/4

664.731 $\pm$ 0.311 χ^2 /NDF: 491.2/5

diff_bpm1i04X_mean vs slug



Right In: 12.105 $\pm$ 0.615 χ^2 /NDF: 228.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

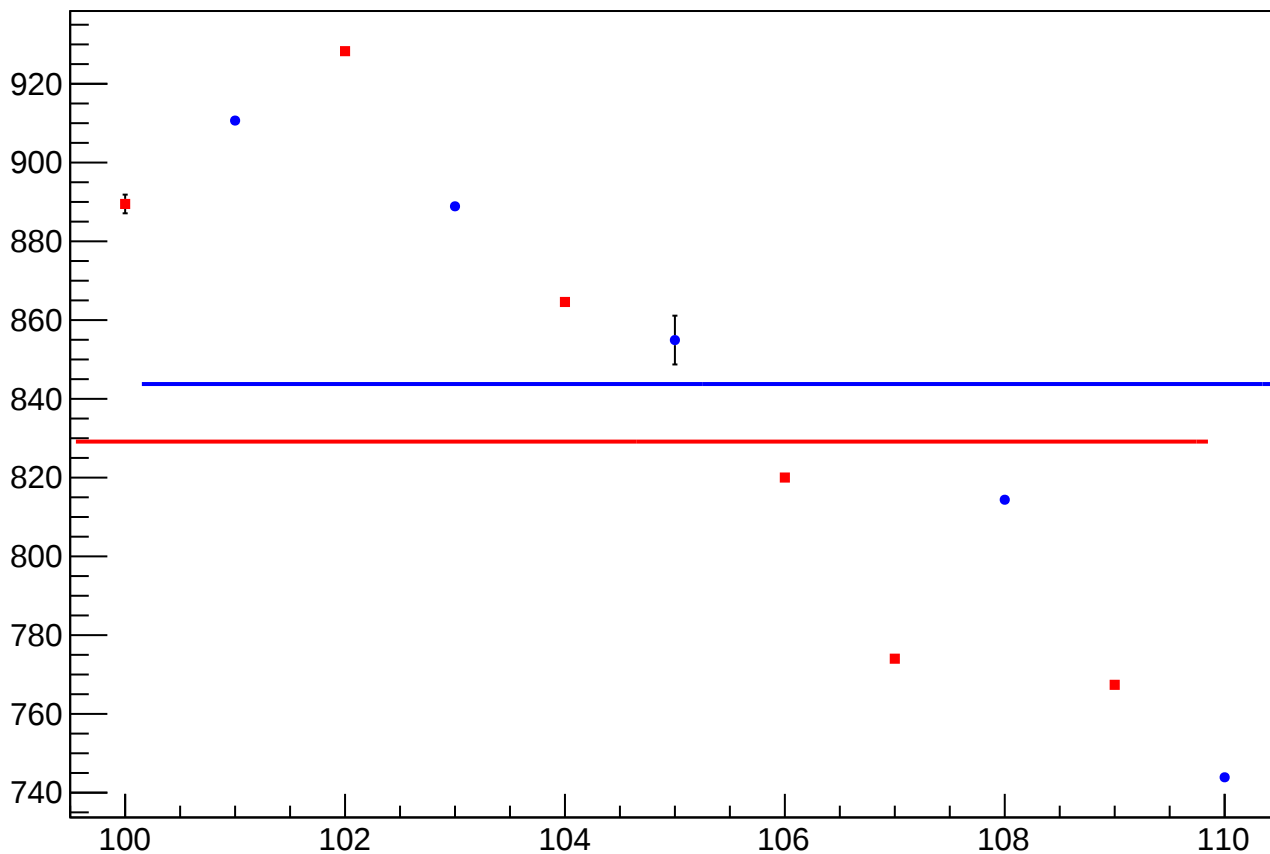
Right Out: 22.617 $\pm$ 0.550 χ^2 /NDF: 249.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

12.105 $\pm$ 0.615 χ^2 /NDF: 228.1/4

22.617 $\pm$ 0.550 χ^2 /NDF: 249.7/5

diff_bpm1i04X_rms vs slug



Right In: 843.763 $\pm$ 0.435 χ^2 /NDF: 22855.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

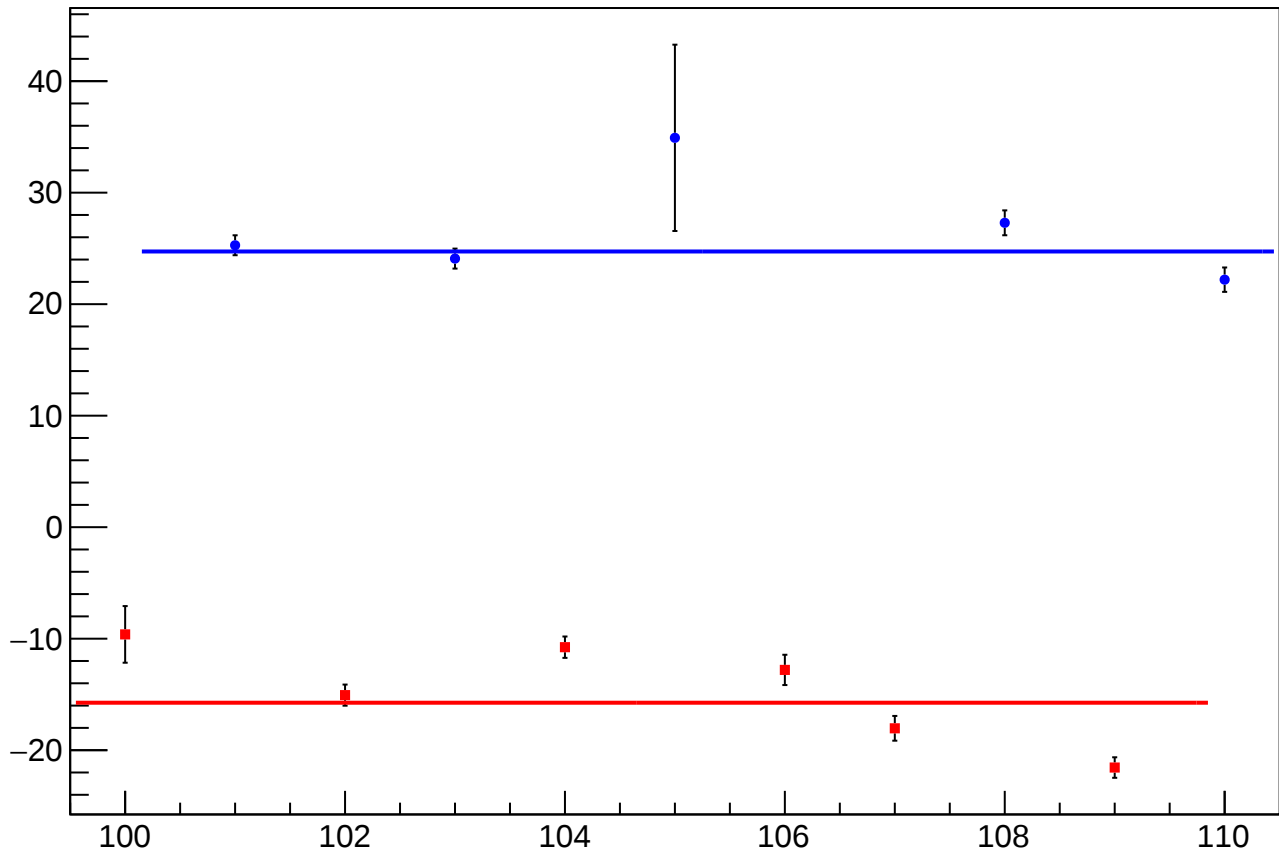
Right Out: 829.147 $\pm$ 0.389 χ^2 /NDF: 25210.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

843.763 $\pm$ 0.435 χ^2 /NDF: 22855.3/4

829.147 $\pm$ 0.389 χ^2 /NDF: 25210.6/5

diff_bpm1i04Y_mean vs slug



Right In: 24.725 $\pm$ 0.491 χ^2 /NDF: 13.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

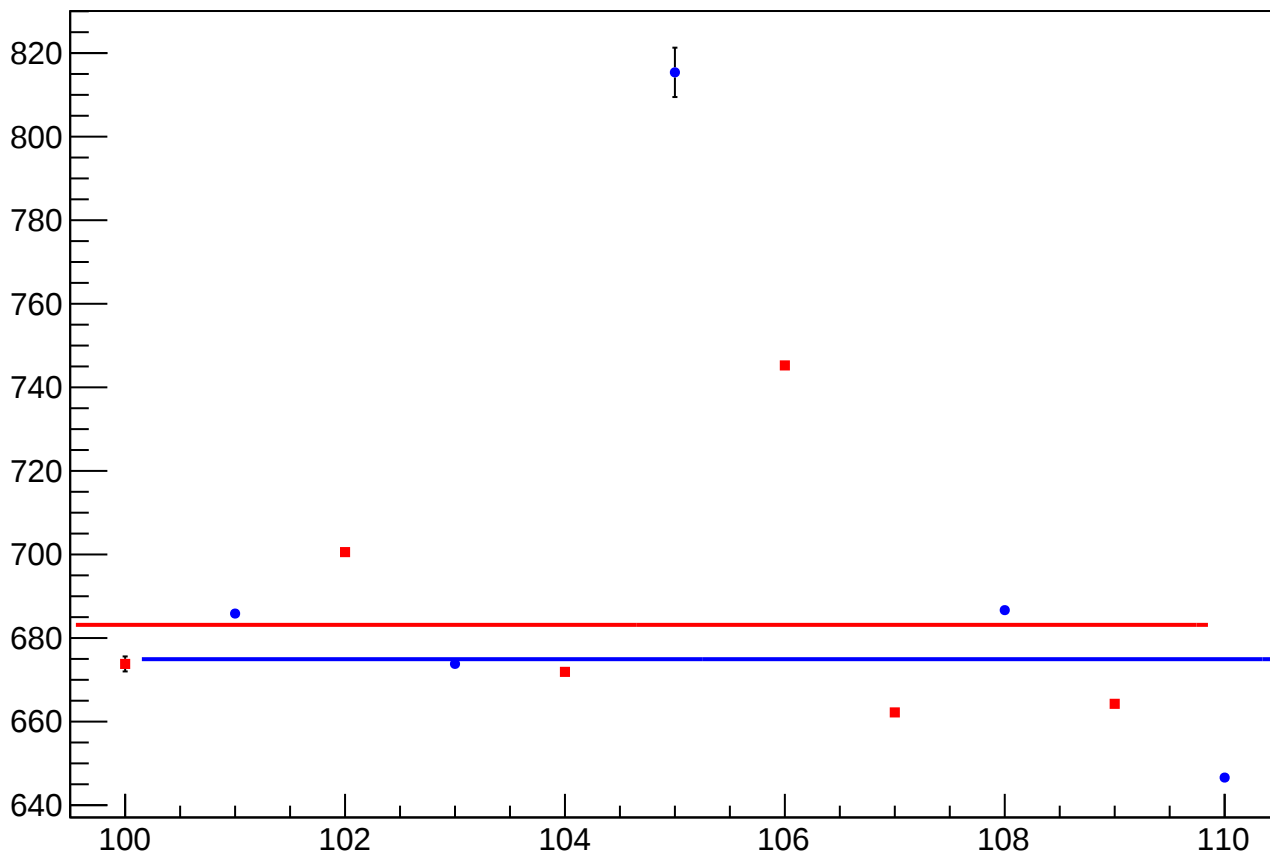
Right Out: -15.742 $\pm$ 0.452 χ^2 /NDF: 82.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

24.725 $\pm$ 0.491 χ^2 /NDF: 13.0/4

-15.742 $\pm$ 0.452 χ^2 /NDF: 82.3/5

diff_bpm1i04Y_rms vs slug



Right In: 674.940 $\pm$ 0.347 χ^2 /NDF: 2431.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

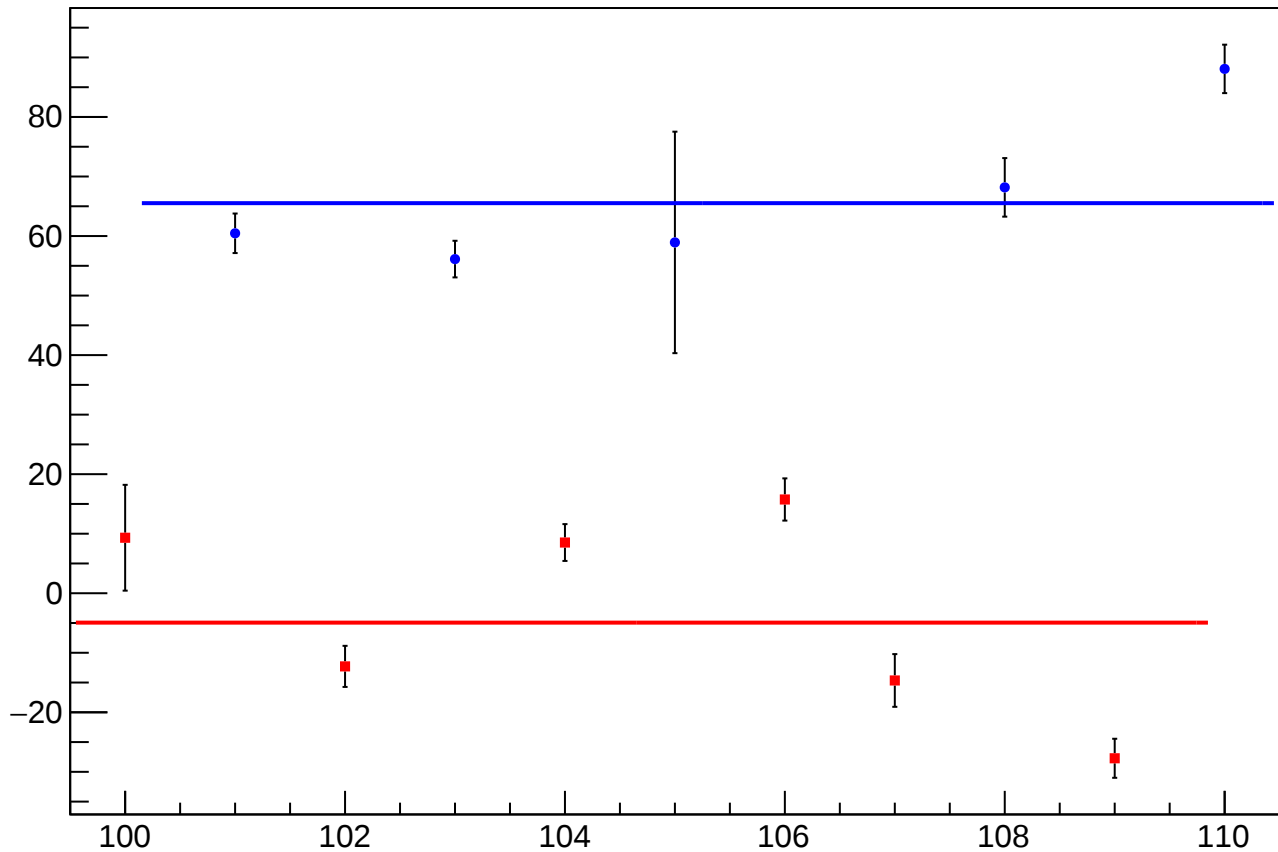
Right Out: 683.154 $\pm$ 0.320 χ^2 /NDF: 6717.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

674.940 $\pm$ 0.347 χ^2 /NDF: 2431.3/4

683.154 $\pm$ 0.320 χ^2 /NDF: 6717.0/5

diff_bpm1i06X_mean vs slug



Right In: 65.524 $\pm$ 1.823 χ^2 /NDF: 42.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

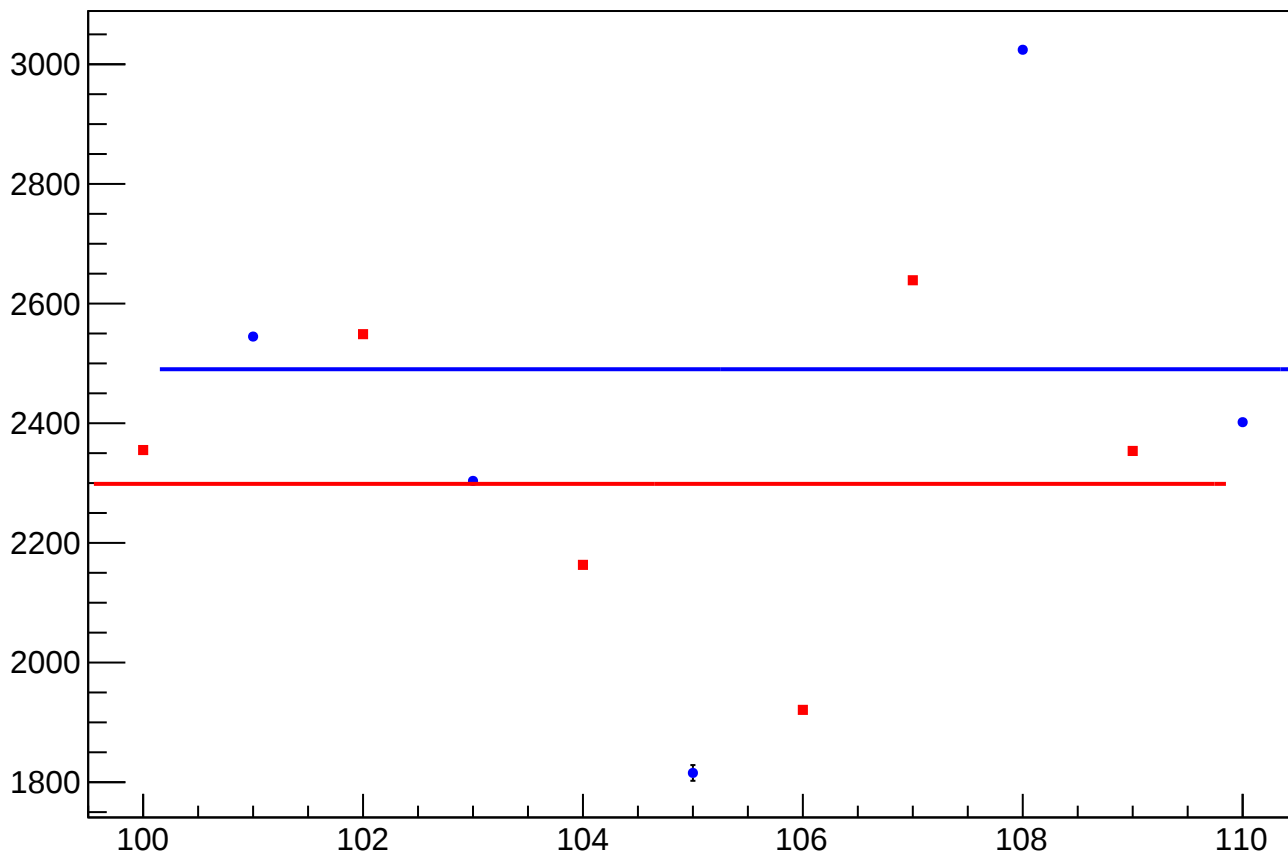
Right Out: -4.936 $\pm$ 1.535 χ^2 /NDF: 113.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

65.524 $\pm$ 1.823 χ^2 /NDF: 42.8/4

-4.936 $\pm$ 1.535 χ^2 /NDF: 113.2/5

diff_bpm1i06X_rms vs slug



Right In: 2490.269+/-1.289 χ^2/NDF : 35056.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

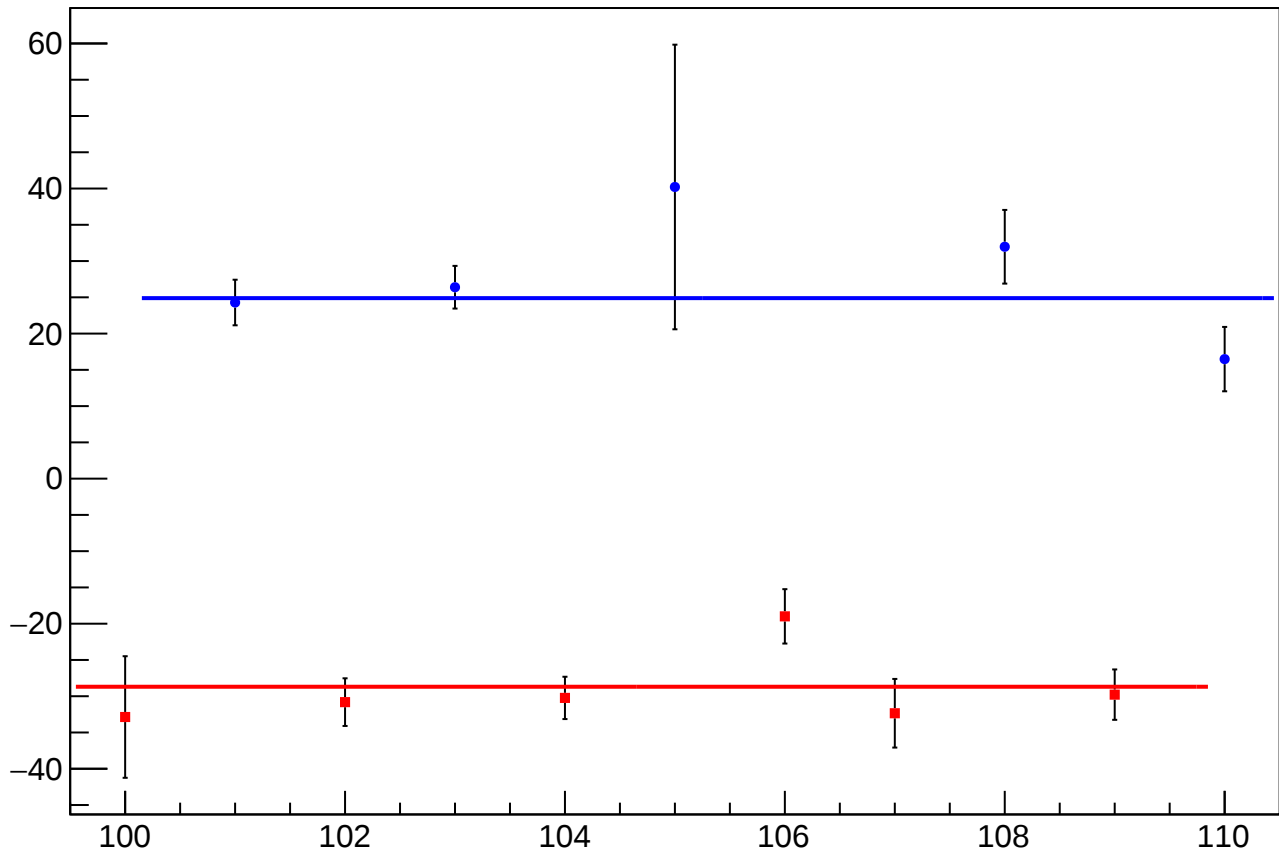
Right Out: 2298.656+/-1.085 χ^2/NDF : 49496.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2490.269+/-1.289 χ^2/NDF : 35056.4/4

2298.656+/-1.085 χ^2/NDF : 49496.1/5

diff_bpm1i06Y_mean vs slug



Right In: 24.888+/-1.799 χ^2 /NDF: 6.4/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

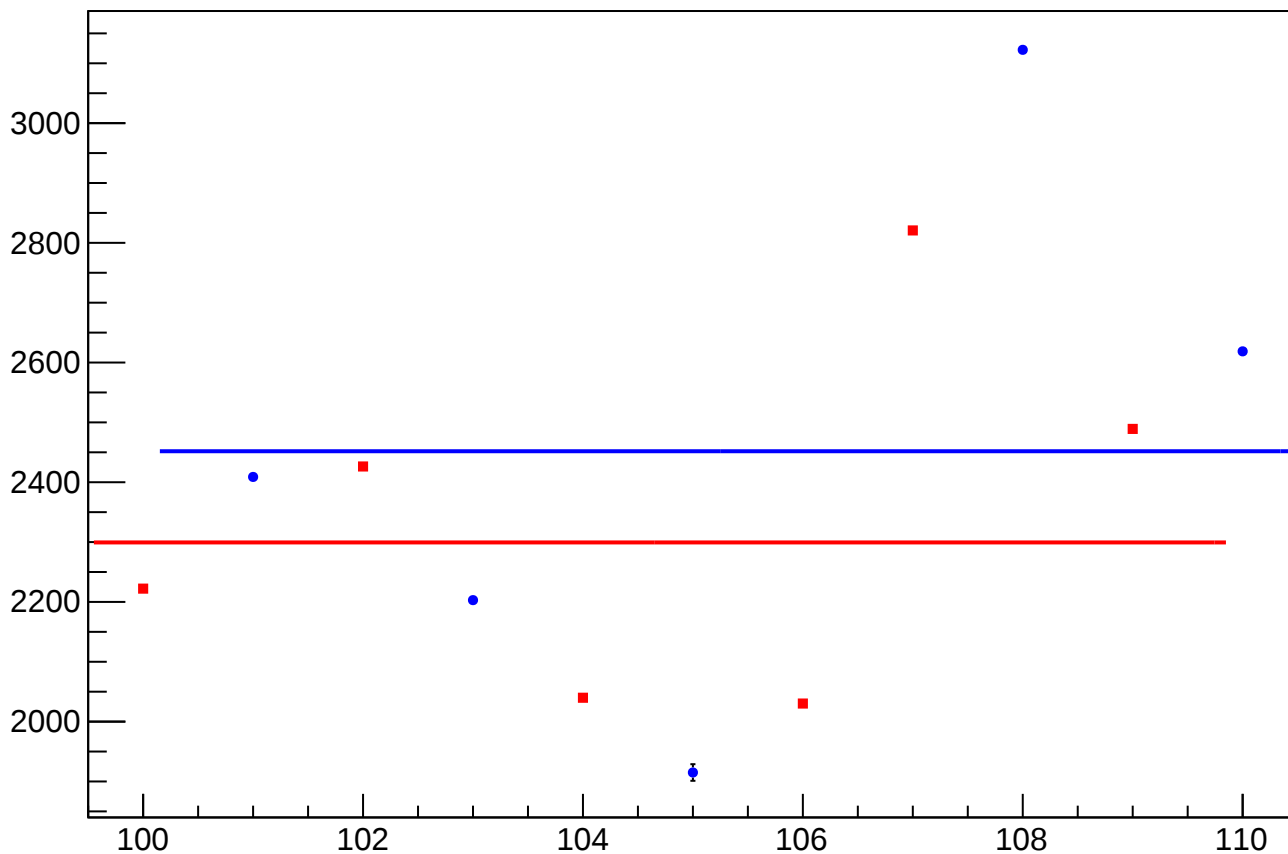
Right Out: -28.693+/-1.537 χ^2 /NDF: 8.3/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

24.888+/-1.799 χ^2 /NDF: 6.4/4

-28.693+/-1.537 χ^2 /NDF: 8.3/5

diff_bpm1i06Y_rms vs slug



Right In: 2451.790+/-1.272 χ^2/NDF : 53875.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

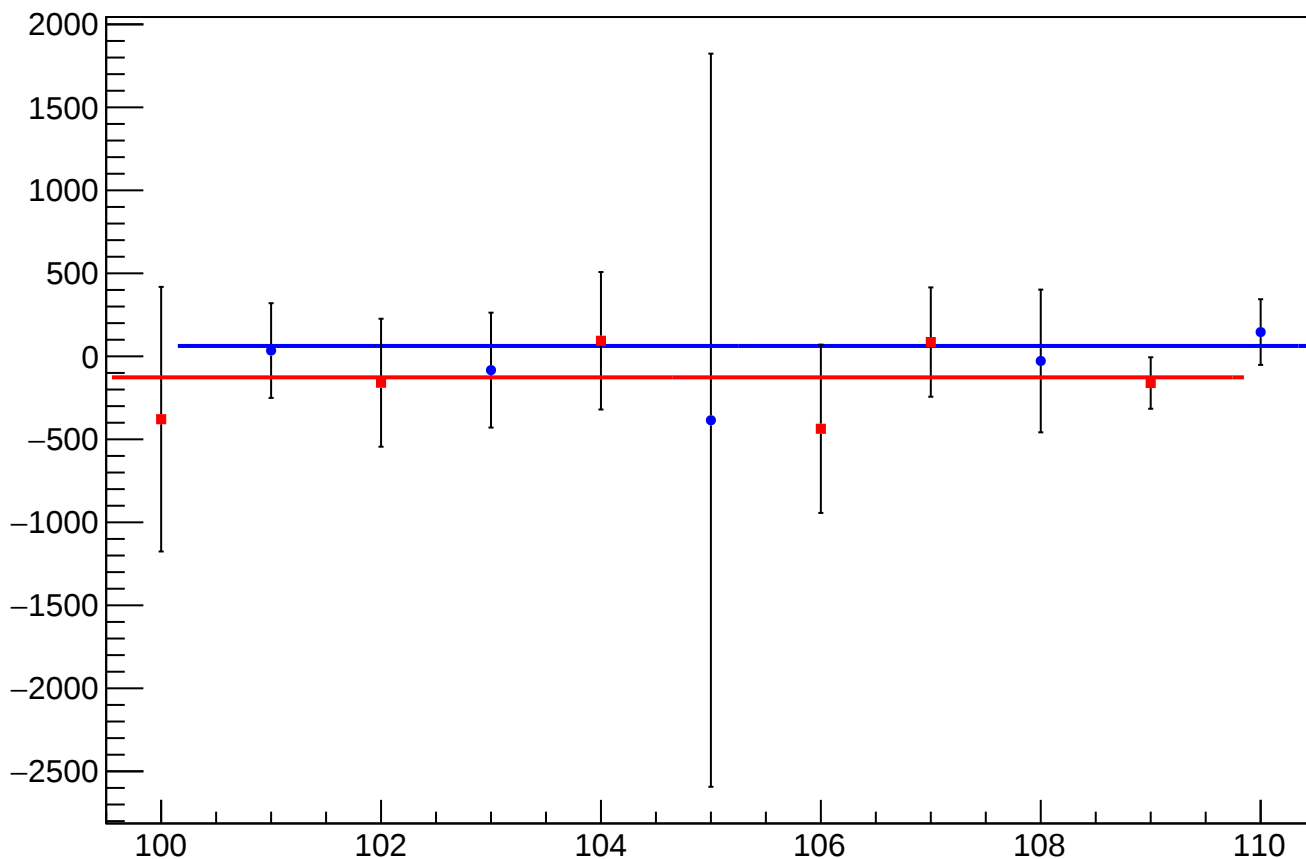
Right Out: 2299.403+/-1.087 χ^2/NDF : 59537.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2451.790+/-1.272 χ^2/NDF : 53875.3/4

2299.403+/-1.087 χ^2/NDF : 59537.0/5

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 62.548+/-138.954 χ^2/NDF : 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

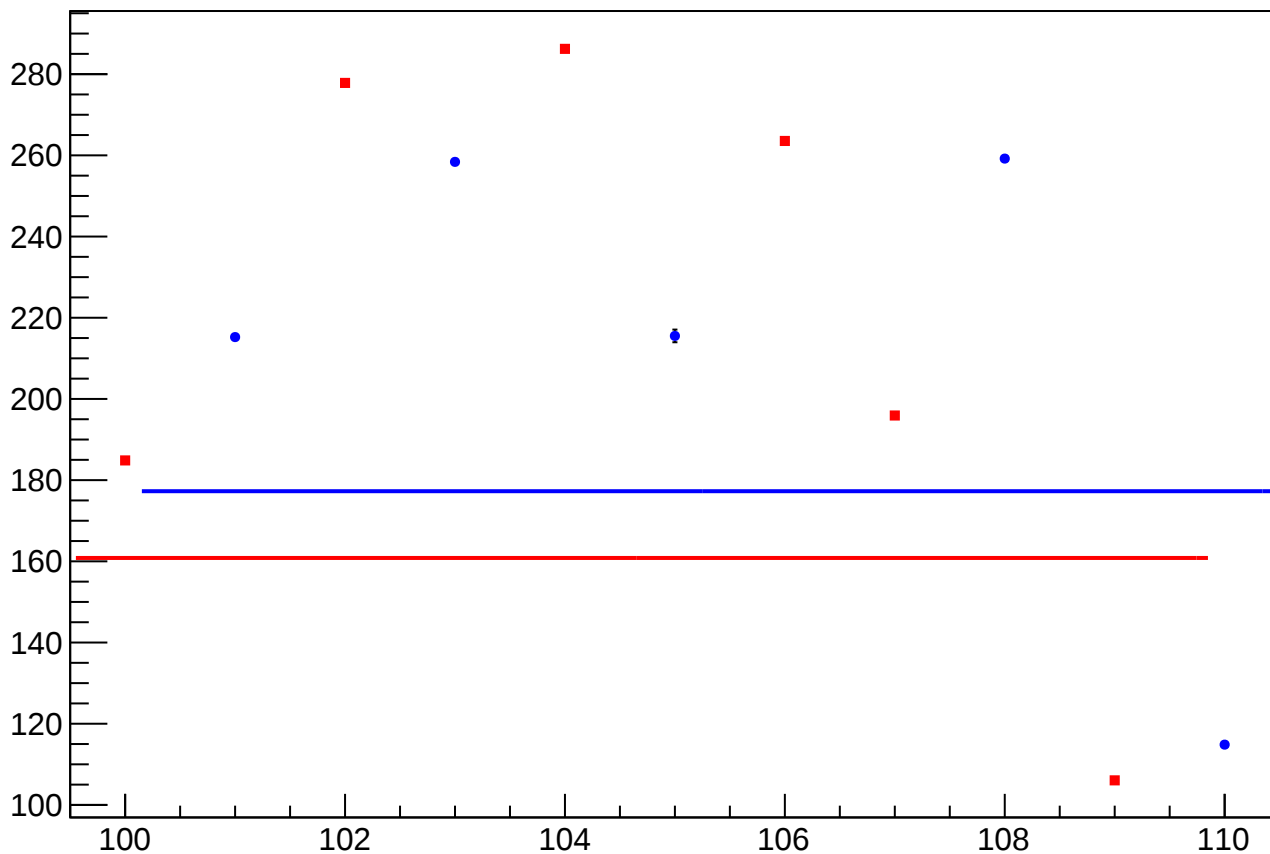
Right Out: -126.525+/-120.507 χ^2/NDF : 1.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

62.548+/-138.954 χ^2/NDF : 0.5/4

-126.525+/-120.507 χ^2/NDF : 1.2/5

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 177.274 $\pm$ 0.098 χ^2 /NDF: 417586.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

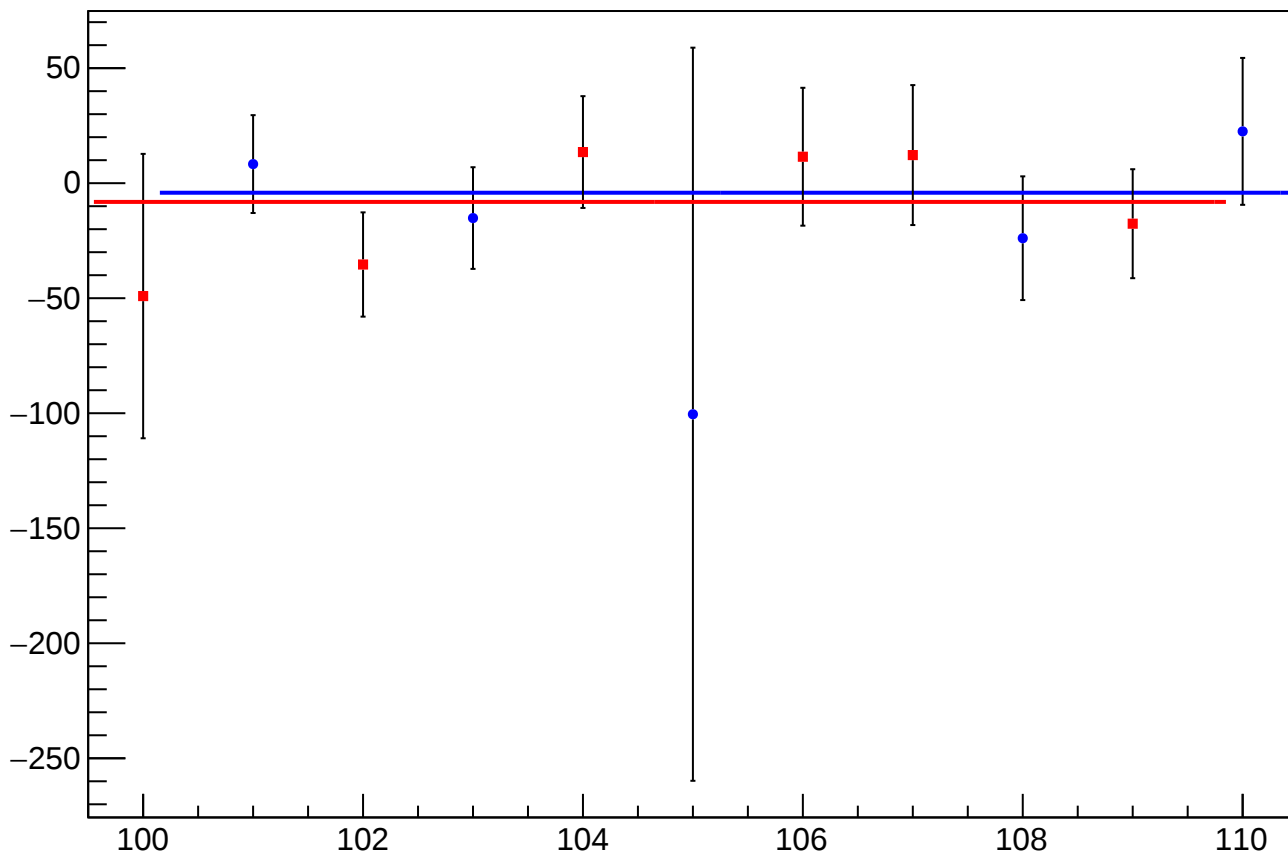
177.274 $\pm$ 0.098 χ^2 /NDF: 417586.9/4

Right Out: 160.832 $\pm$ 0.085 χ^2 /NDF: 724033.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

160.832 $\pm$ 0.085 χ^2 /NDF: 724033.5/5

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs slug



Right In: -4.149+/-12.252 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

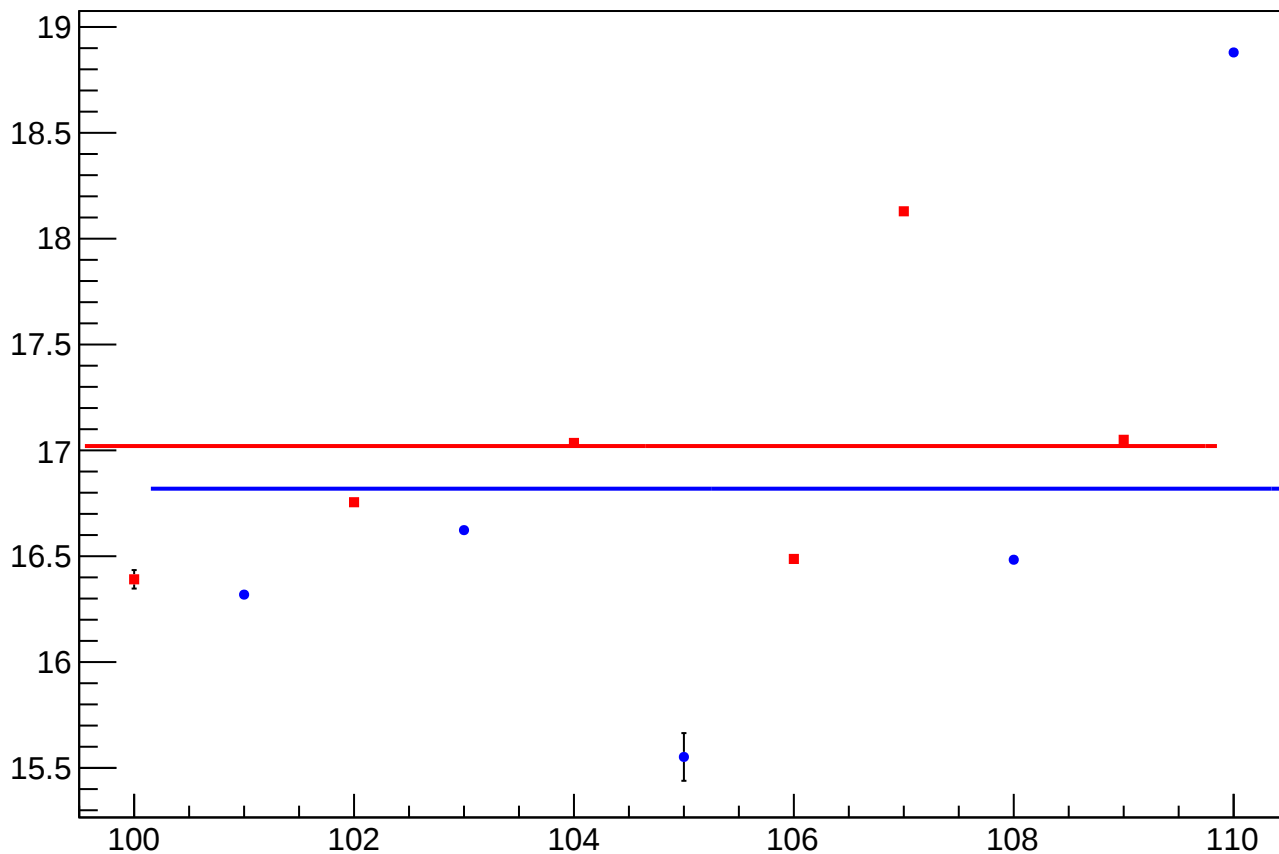
Right Out: -8.141+/-11.266 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.149+/-12.252 χ^2/NDF : 2.2/4

-8.141+/-11.266 χ^2/NDF : 3.7/5

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs slug



Right In: 16.819+/-0.009 χ^2/NDF : 10031.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

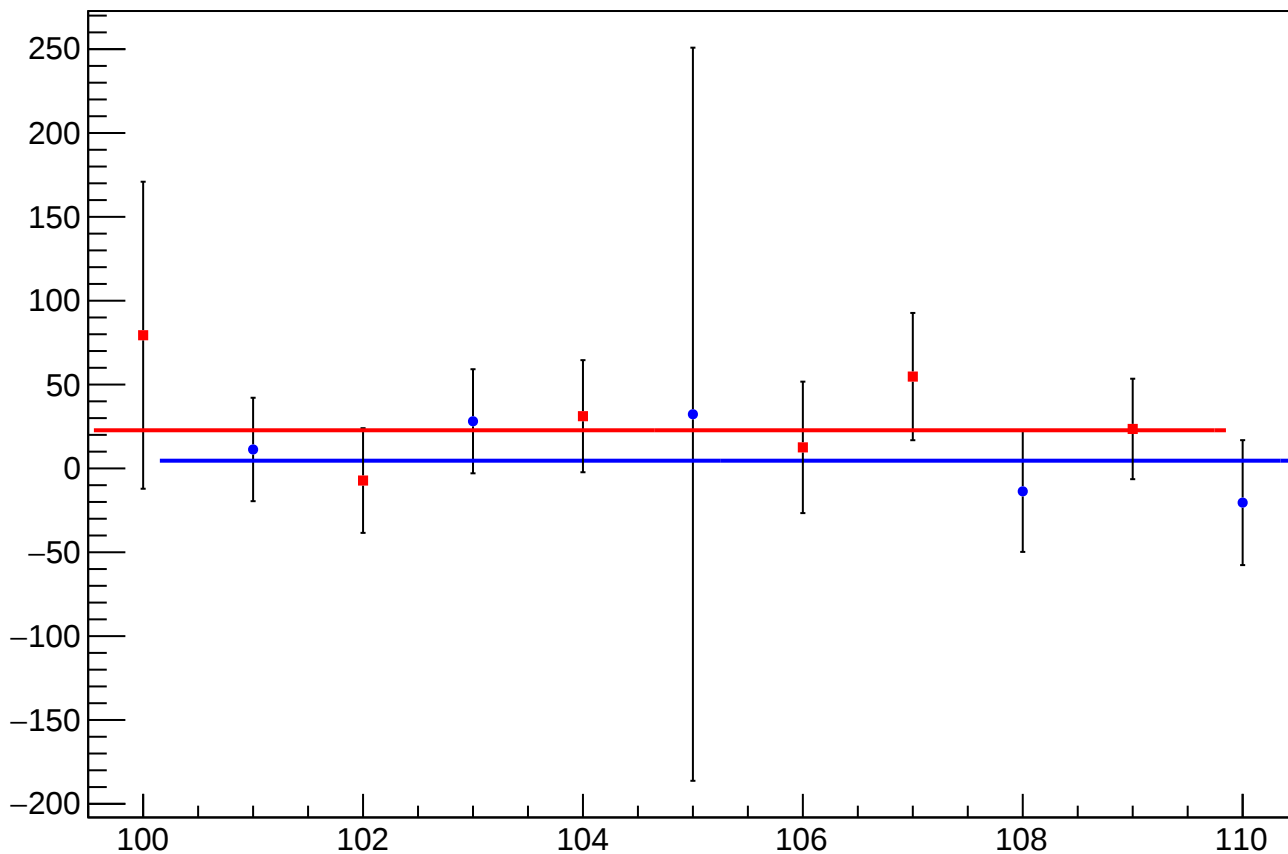
Right Out: 17.020+/-0.008 χ^2/NDF : 3776.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.819+/-0.009 χ^2/NDF : 10031.0/4

17.020+/-0.008 χ^2/NDF : 3776.5/5

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs slug



Right In: 4.605 $\pm$ 16.670 χ^2 /NDF: 1.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

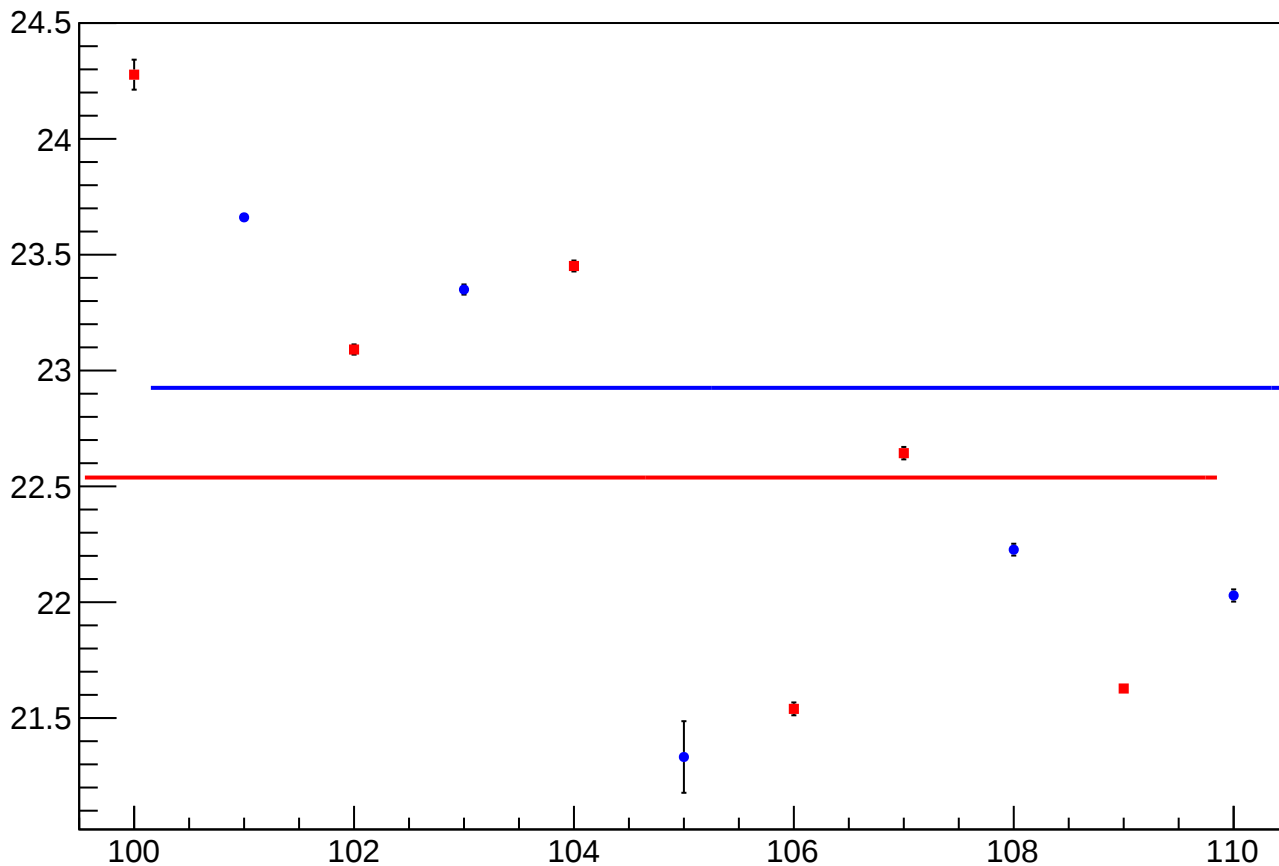
Right Out: 22.745 $\pm$ 14.905 χ^2 /NDF: 2.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.605 $\pm$ 16.670 χ^2 /NDF: 1.3/4

22.745 $\pm$ 14.905 χ^2 /NDF: 2.1/5

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs slug



Right In: 22.925+/-0.012 χ^2/NDF : 3525.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

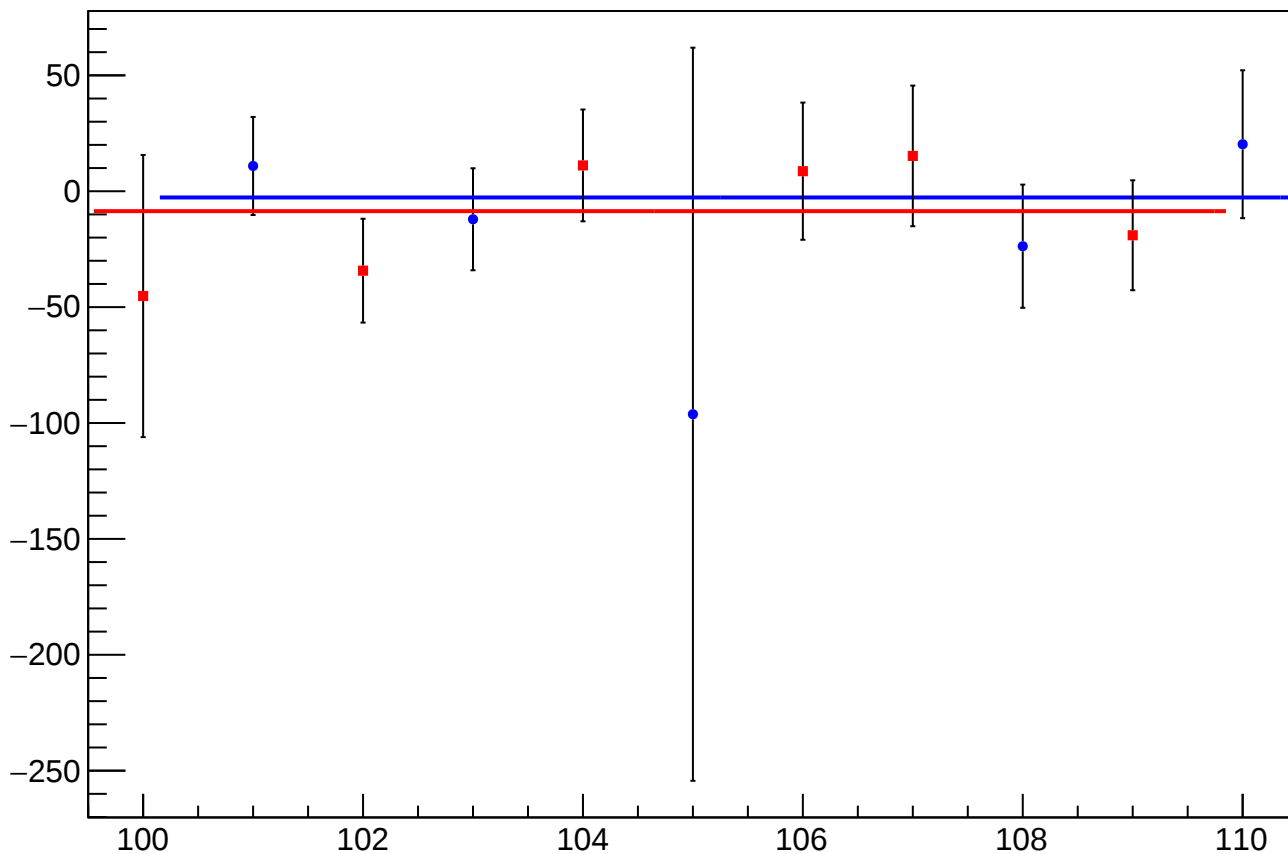
Right Out: 22.538+/-0.011 χ^2/NDF : 6005.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.925+/-0.012 χ^2/NDF : 3525.8/4

22.538+/-0.011 χ^2/NDF : 6005.0/5

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs slug



Right In: -2.686+/-12.181 χ^2 /NDF: 2.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

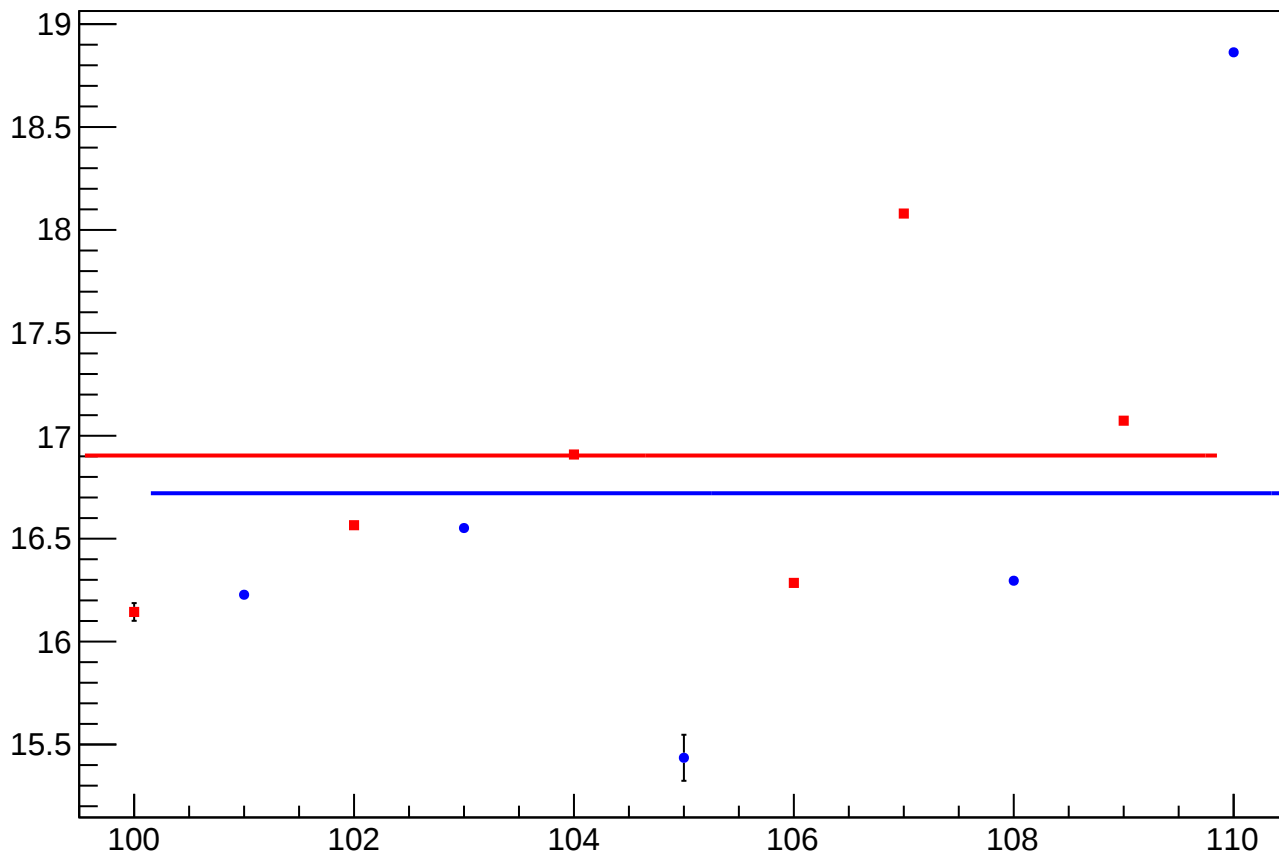
Right Out: -8.595+/-11.189 χ^2 /NDF: 3.5/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-2.686+/-12.181 χ^2 /NDF: 2.1/4

-8.595+/-11.189 χ^2 /NDF: 3.5/5

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs slug



Right In: 16.721+/-0.009 χ^2/NDF : 10866.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

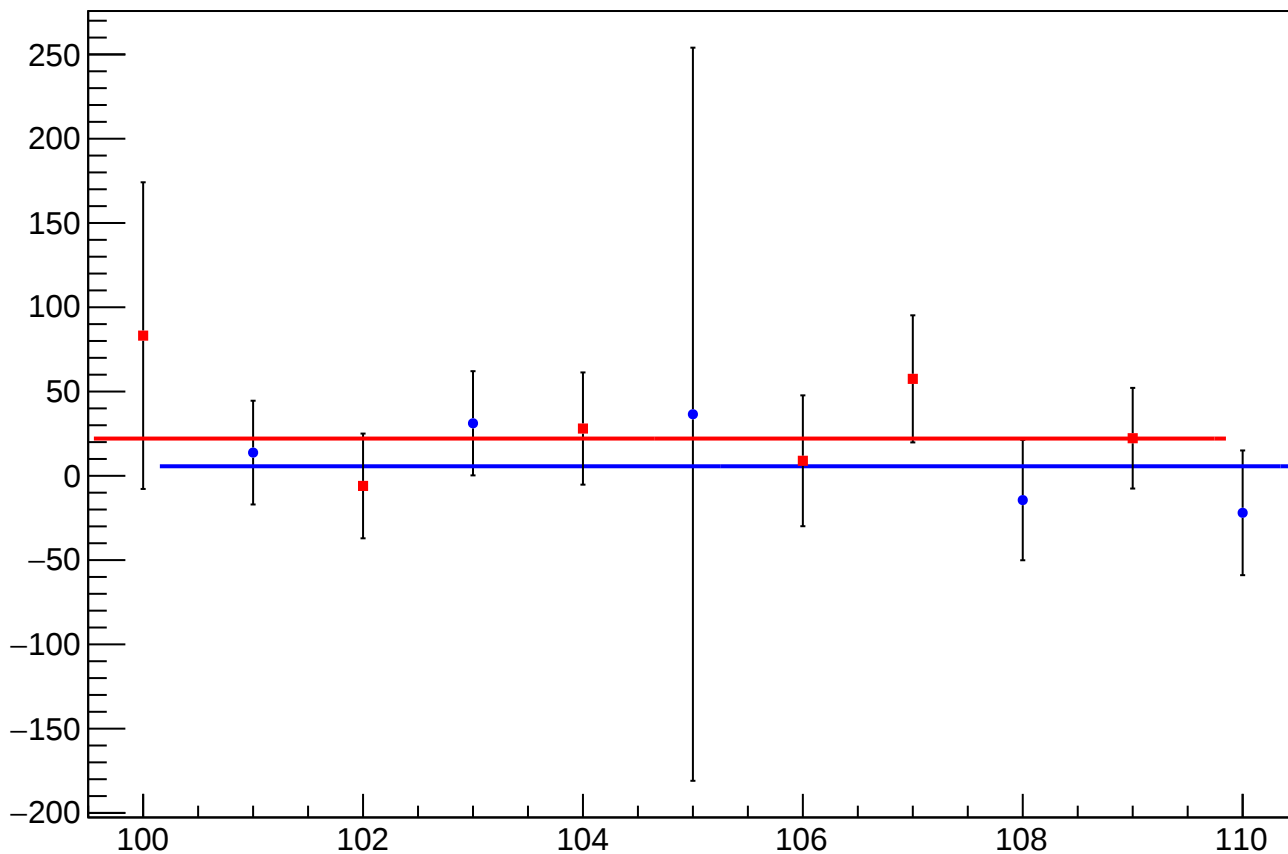
Right Out: 16.904+/-0.008 χ^2/NDF : 4748.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.721+/-0.009 χ^2/NDF : 10866.8/4

16.904+/-0.008 χ^2/NDF : 4748.9/5

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs slug



Right In: 5.664+/-16.578 χ^2 /NDF: 1.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

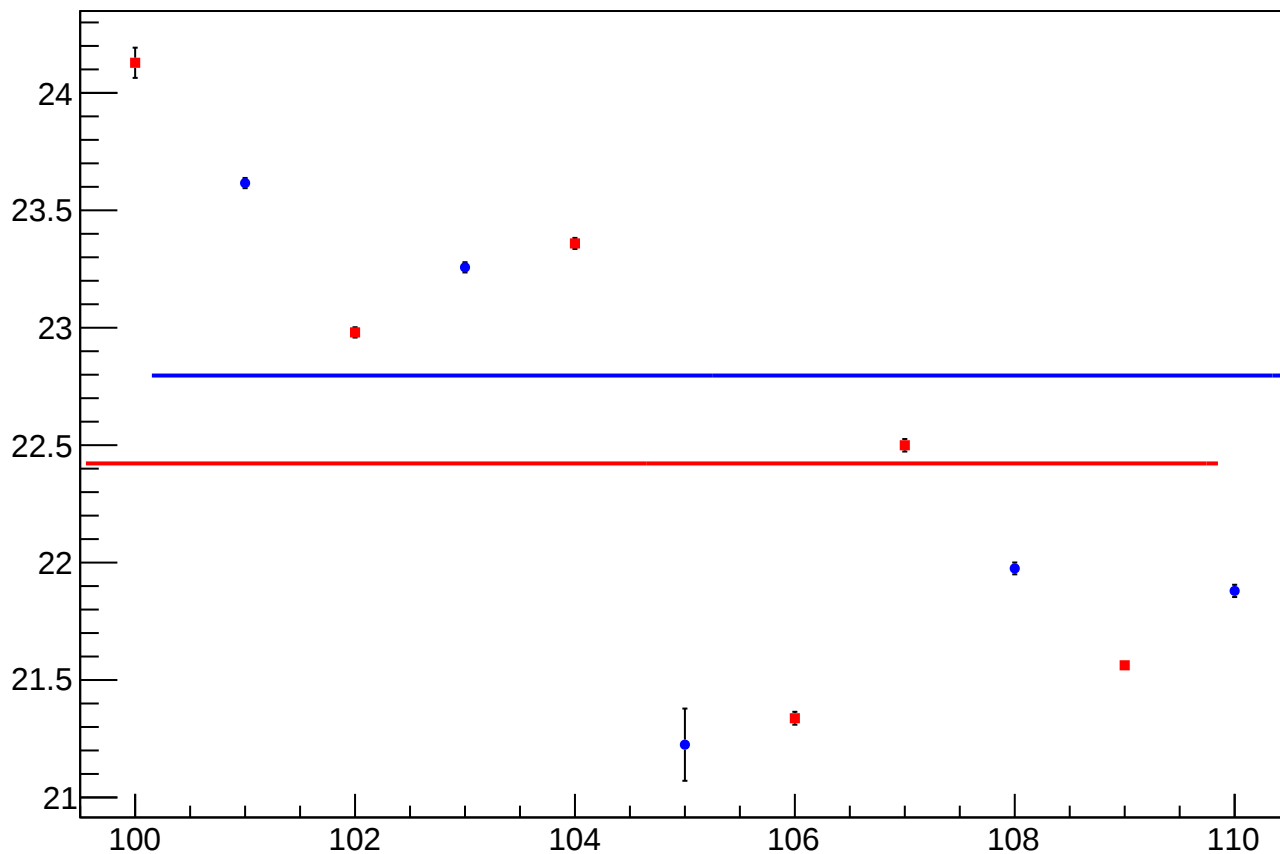
Right Out: 22.104+/-14.828 χ^2 /NDF: 2.3/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

5.664+/-16.578 χ^2 /NDF: 1.6/4

22.104+/-14.828 χ^2 /NDF: 2.3/5

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs slug



Right In: 22.797 $\pm$ 0.012 χ^2 /NDF: 4254.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

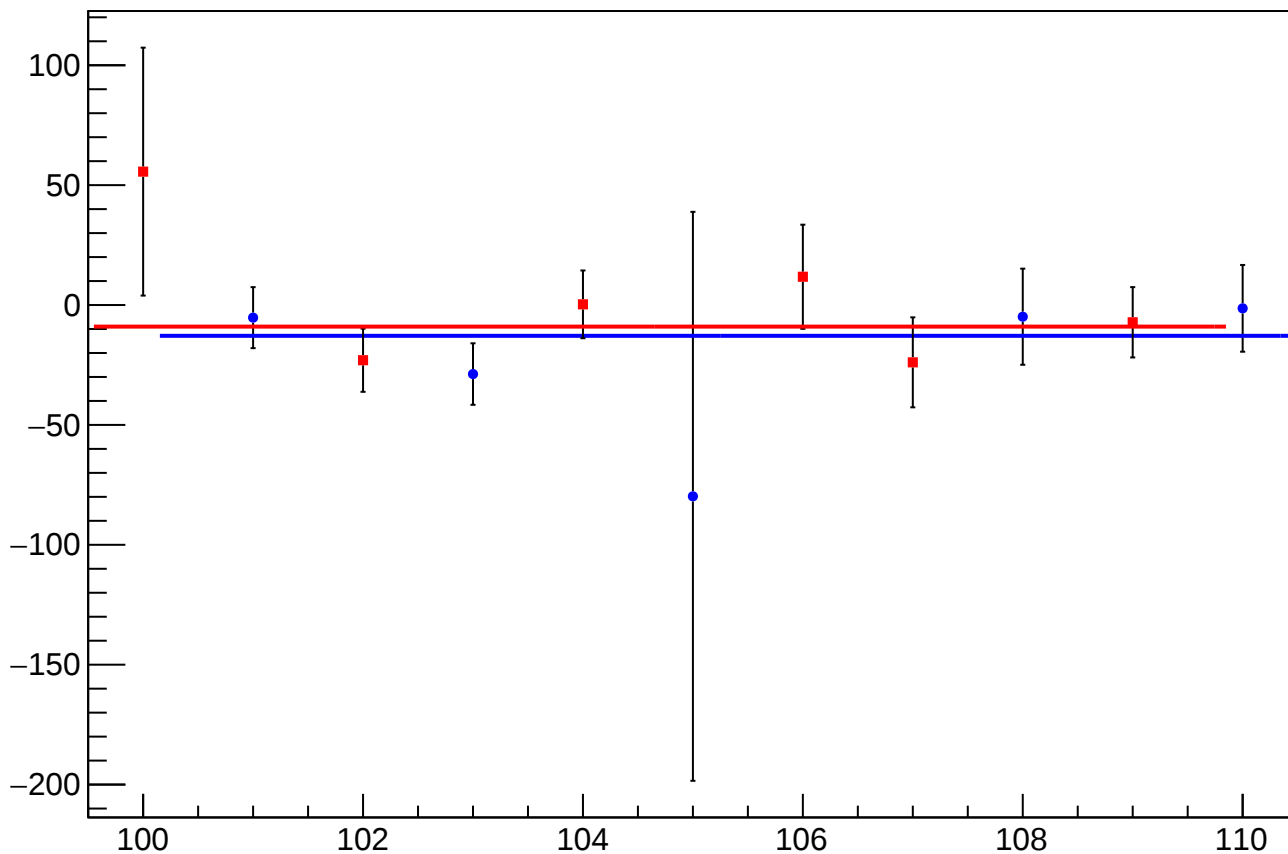
Right Out: 22.422 $\pm$ 0.010 χ^2 /NDF: 6161.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

22.797 $\pm$ 0.012 χ^2 /NDF: 4254.5/4

22.422 $\pm$ 0.010 χ^2 /NDF: 6161.2/5

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -12.843+/-7.479 χ^2/NDF : 2.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

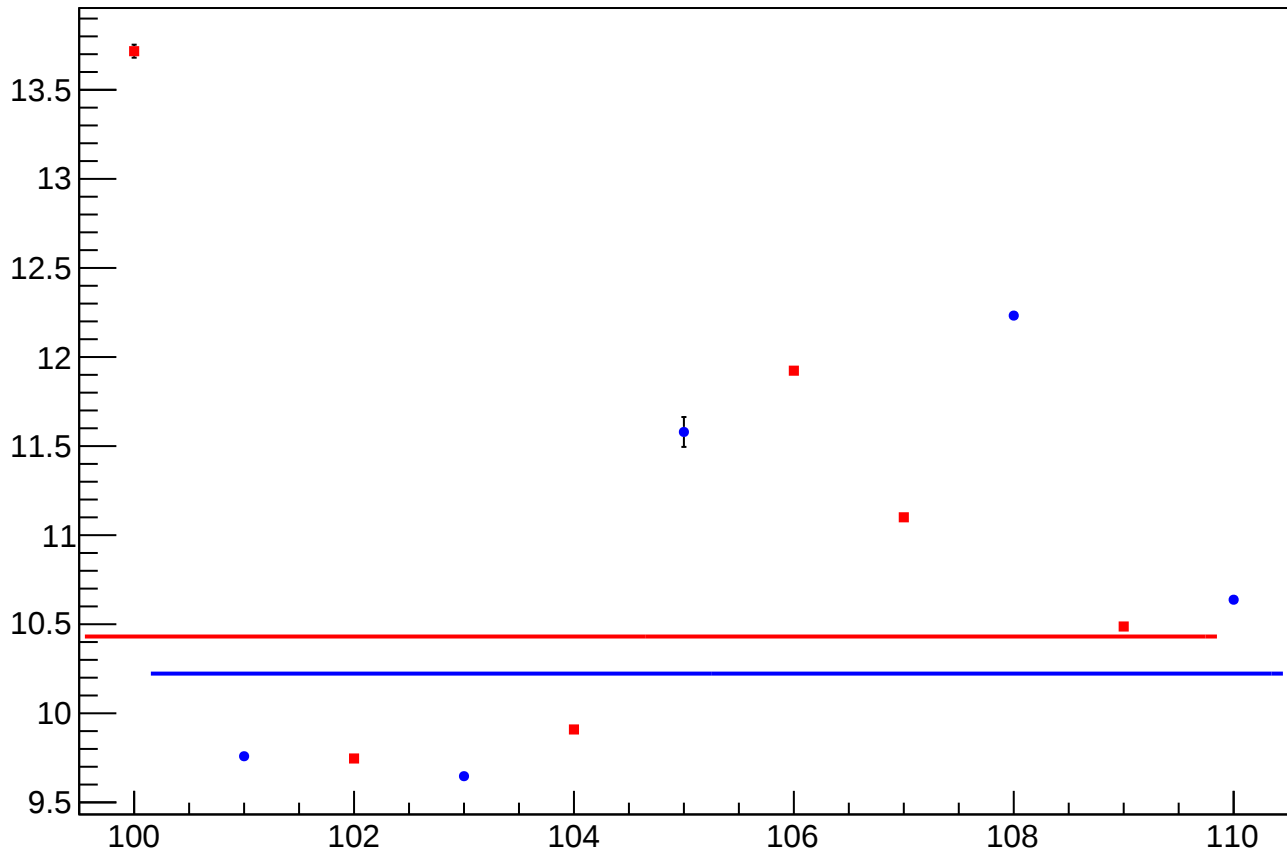
Right Out: -8.996+/-6.941 χ^2/NDF : 4.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.843+/-7.479 χ^2/NDF : 2.8/4

-8.996+/-6.941 χ^2/NDF : 4.7/5

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 10.223+/-0.005 χ^2/NDF : 28116.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

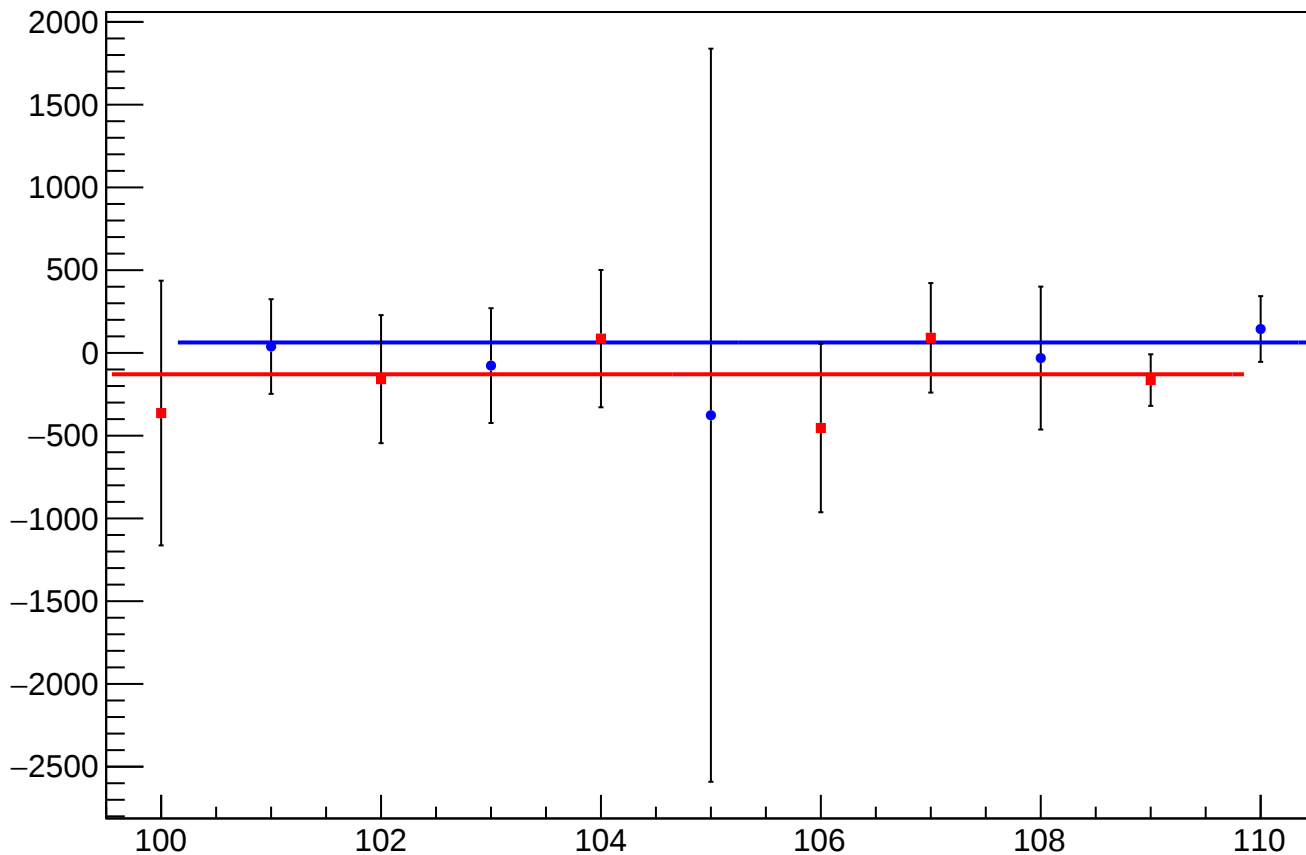
10.223+/-0.005 χ^2/NDF : 28116.3/4

Right Out: 10.431+/-0.005 χ^2/NDF : 28228.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.431+/-0.005 χ^2/NDF : 28228.0/5

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 63.248+/-139.383 χ^2/NDF : 0.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

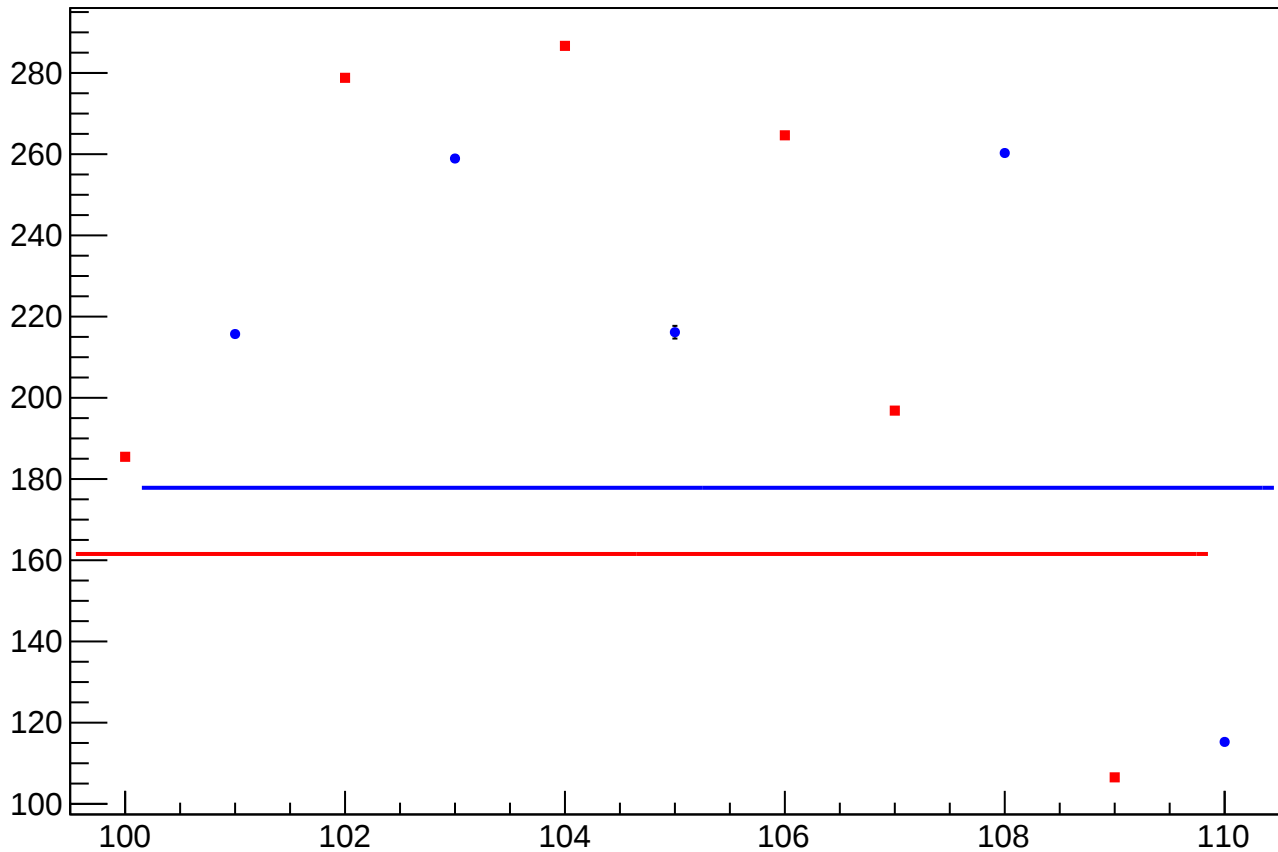
Right Out: -128.963+/-121.008 χ^2/NDF : 1.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.248+/-139.383 χ^2/NDF : 0.4/4

-128.963+/-121.008 χ^2/NDF : 1.3/5

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 177.843+/-0.099 χ^2/NDF : 416604.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

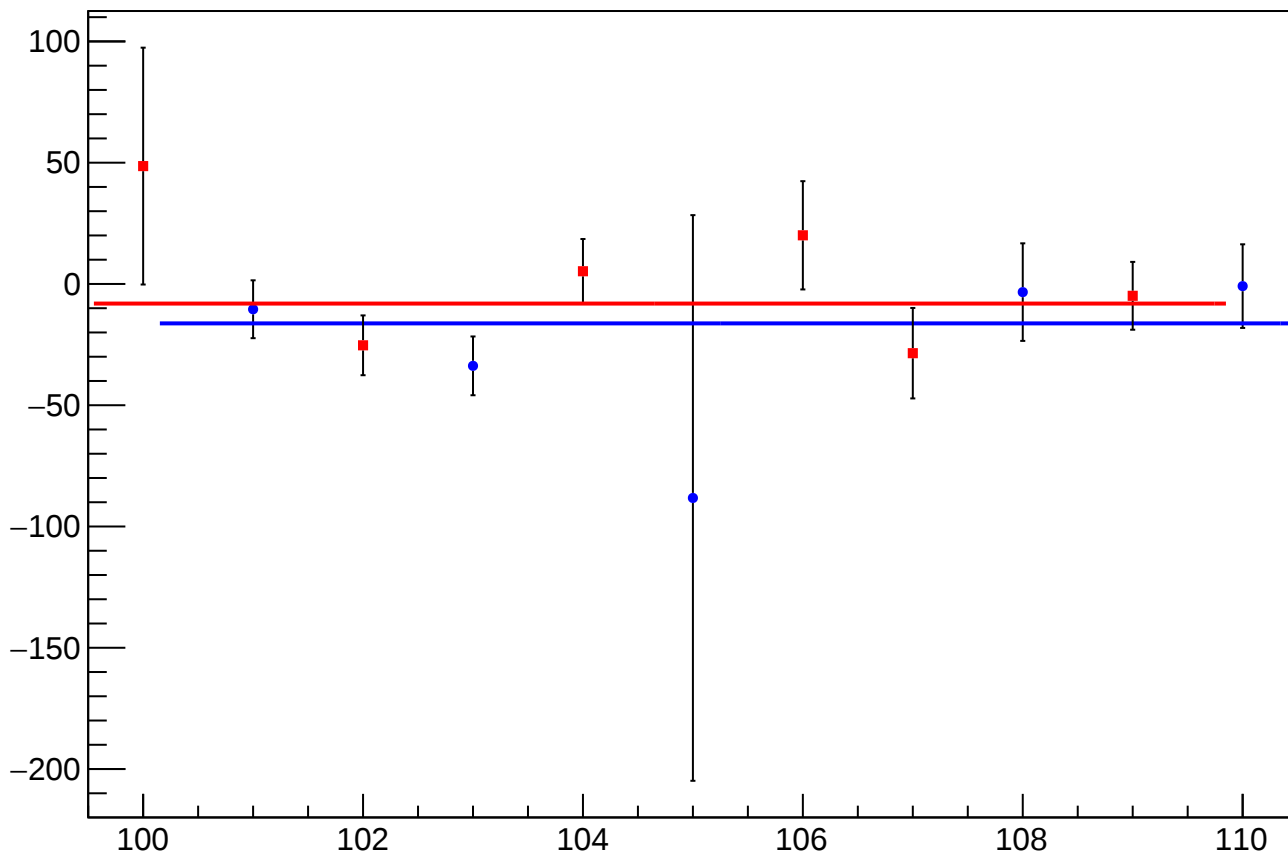
177.843+/-0.099 χ^2/NDF : 416604.0/4

Right Out: 161.544+/-0.086 χ^2/NDF : 722017.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

161.544+/-0.086 χ^2/NDF : 722017.9/5

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -16.257 $\pm$ 7.116 χ^2 /NDF: 3.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

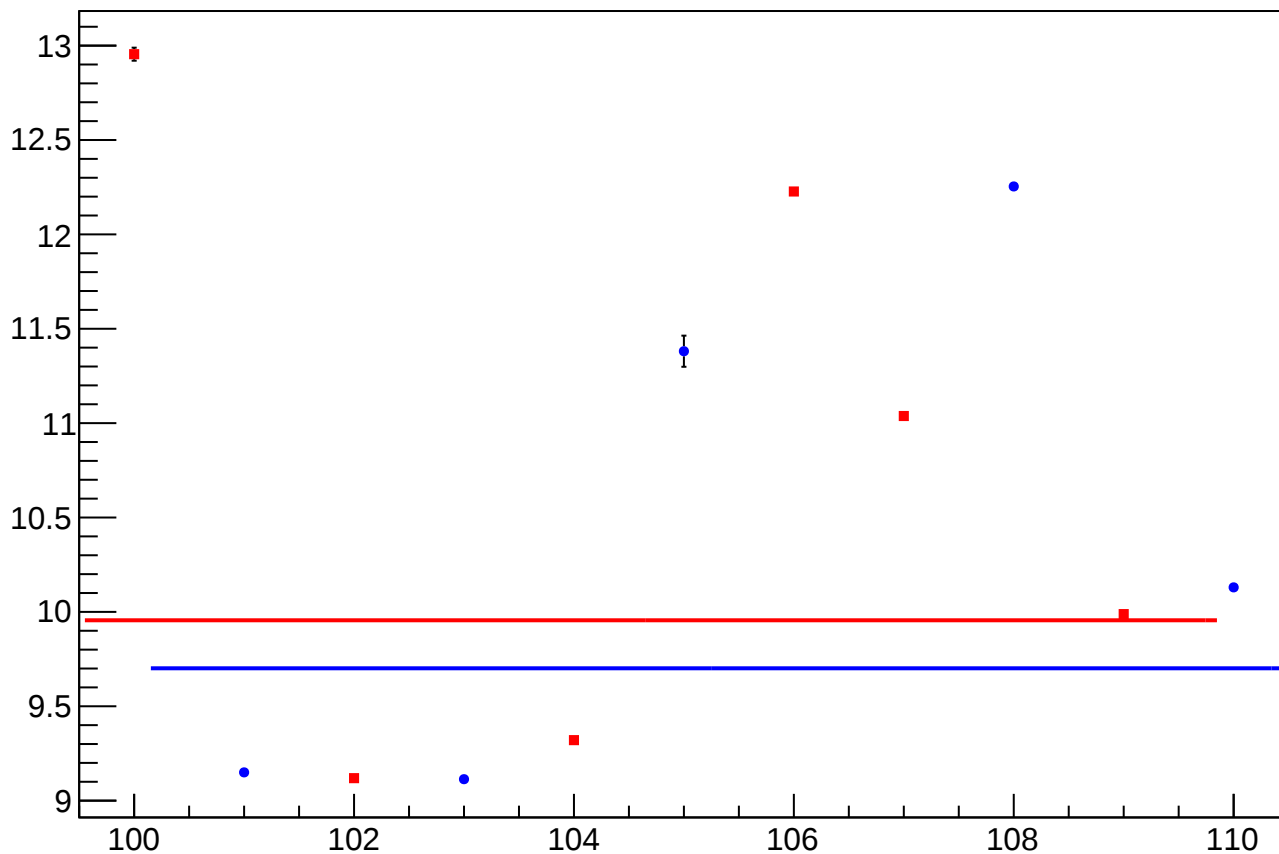
Right Out: -8.084 $\pm$ 6.643 χ^2 /NDF: 7.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-16.257 $\pm$ 7.116 χ^2 /NDF: 3.9/4

-8.084 $\pm$ 6.643 χ^2 /NDF: 7.1/5

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 9.701+/-0.005 χ^2/NDF : 42846.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

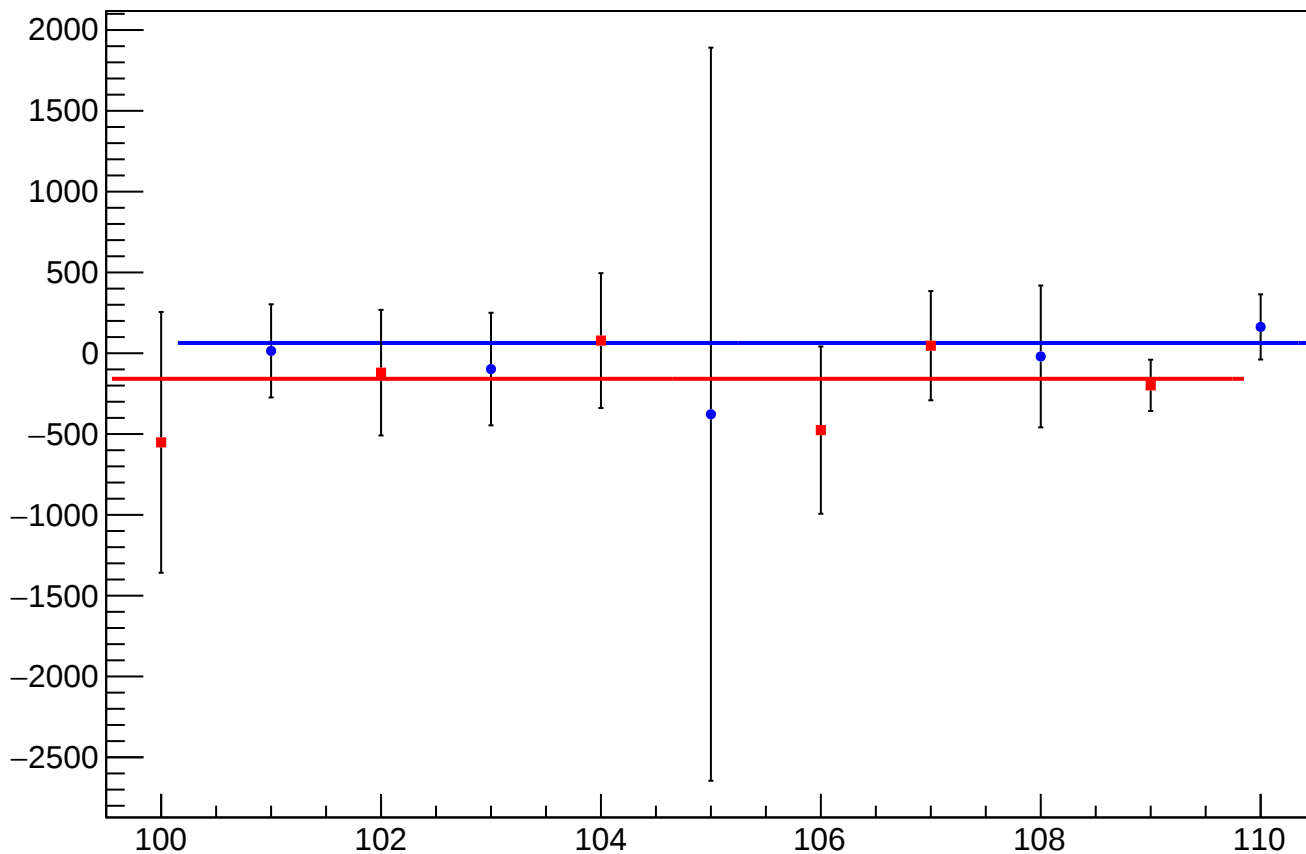
Right Out: 9.956+/-0.005 χ^2/NDF : 48780.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.701+/-0.005 χ^2/NDF : 42846.9/4

9.956+/-0.005 χ^2/NDF : 48780.2/5

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 63.619+/-141.056 χ^2/NDF : 0.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

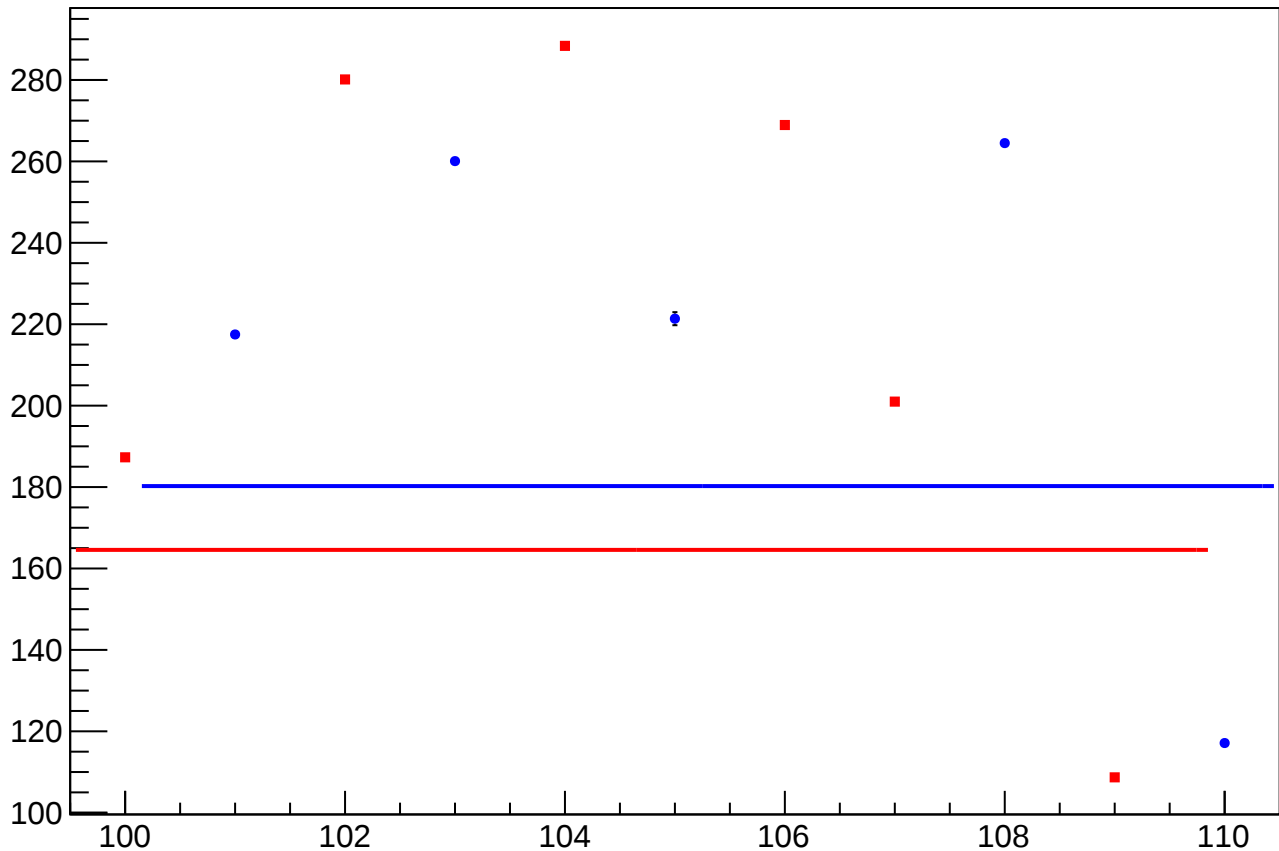
Right Out: -158.098+/-122.957 χ^2/NDF : 1.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.619+/-141.056 χ^2/NDF : 0.6/4

-158.098+/-122.957 χ^2/NDF : 1.4/5

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 180.241+/-0.100 χ^2/NDF : 408822.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

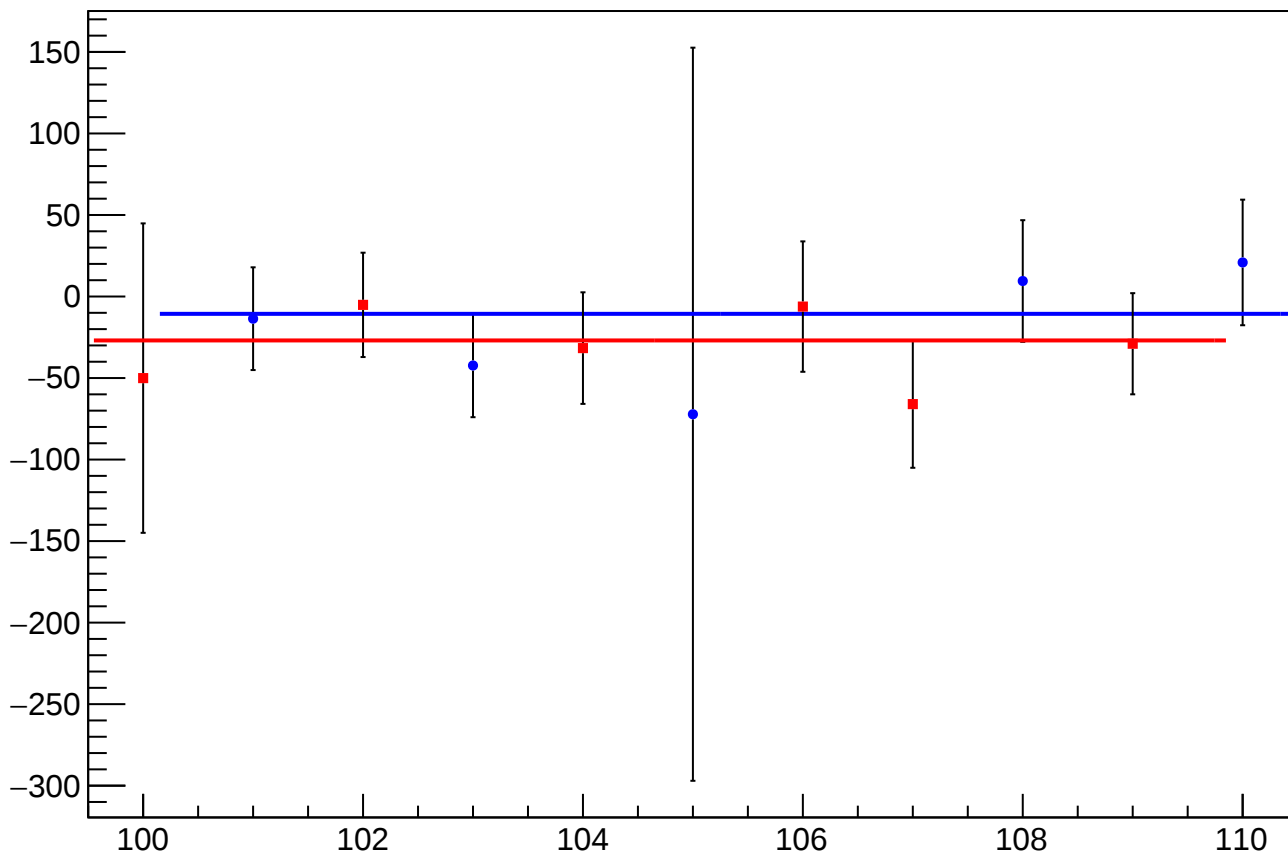
180.241+/-0.100 χ^2/NDF : 408822.5/4

Right Out: 164.569+/-0.087 χ^2/NDF : 707422.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

164.569+/-0.087 χ^2/NDF : 707422.7/5

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -10.627 ± 17.112 χ^2/NDF : 2.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

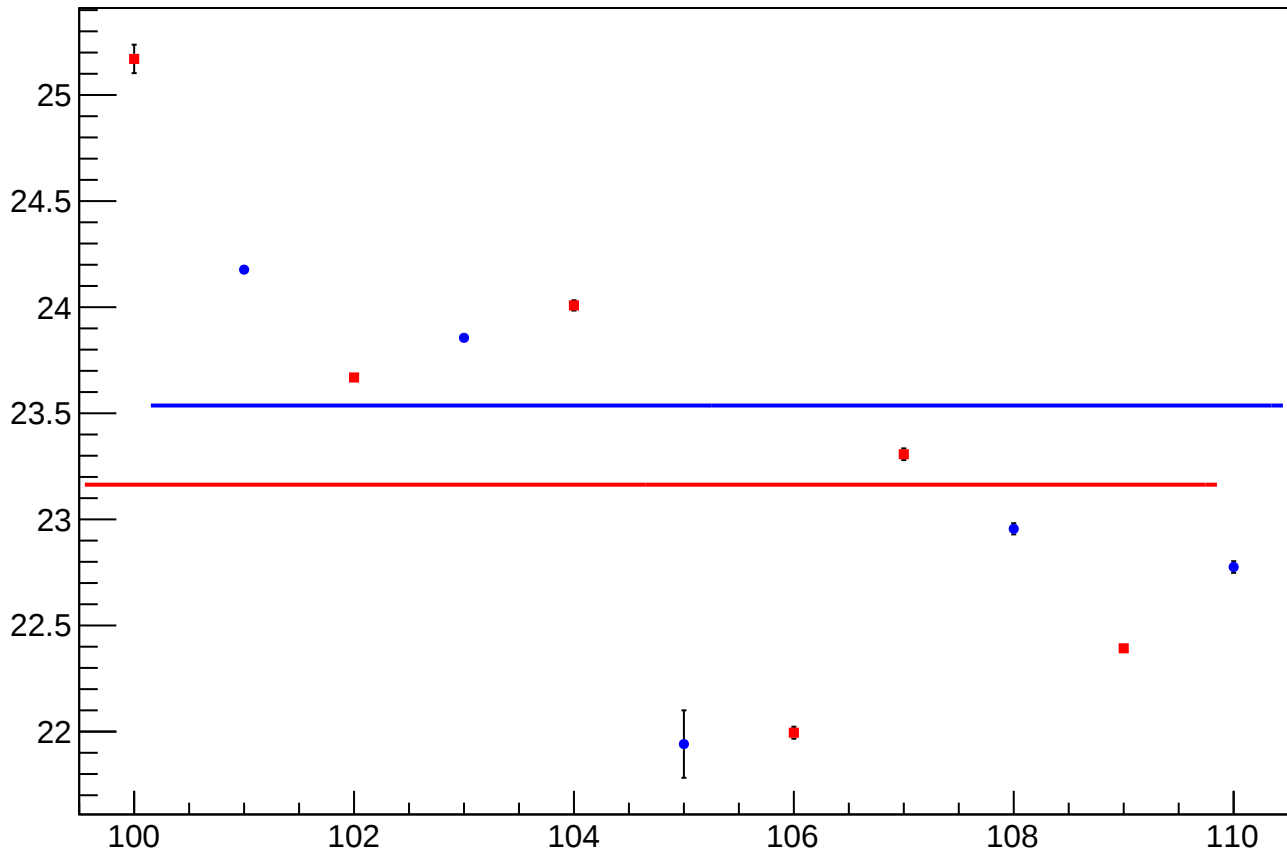
Right Out: -26.938 ± 15.317 χ^2/NDF : 1.8/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-10.627 ± 17.112 χ^2/NDF : 2.0/4

-26.938 ± 15.317 χ^2/NDF : 1.8/5

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 23.537+/-0.012 χ^2/NDF : 2395.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

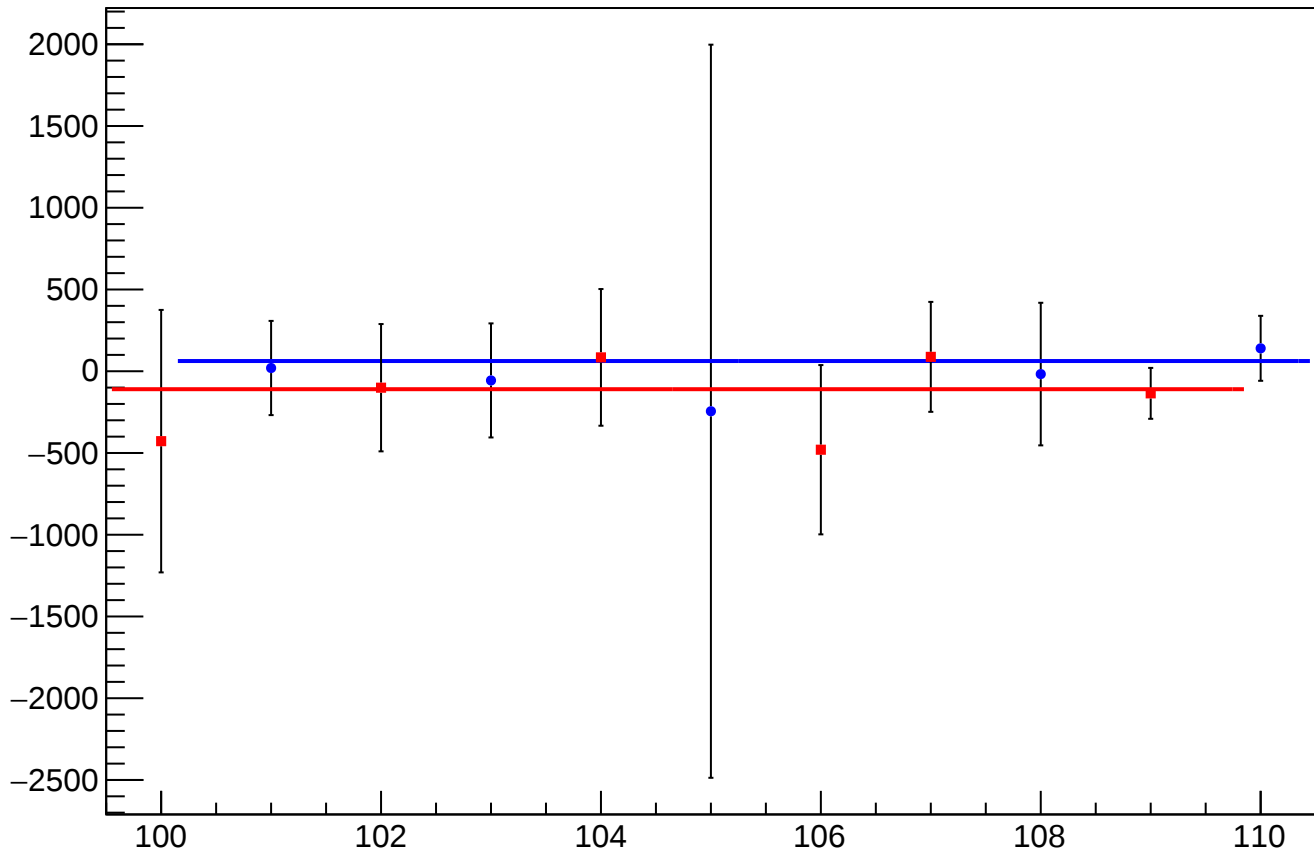
Right Out: 23.163+/-0.011 χ^2/NDF : 5583.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

23.537+/-0.012 χ^2/NDF : 2395.5/4

23.163+/-0.011 χ^2/NDF : 5583.7/5

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 62.472+/-139.950 χ^2/NDF : 0.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

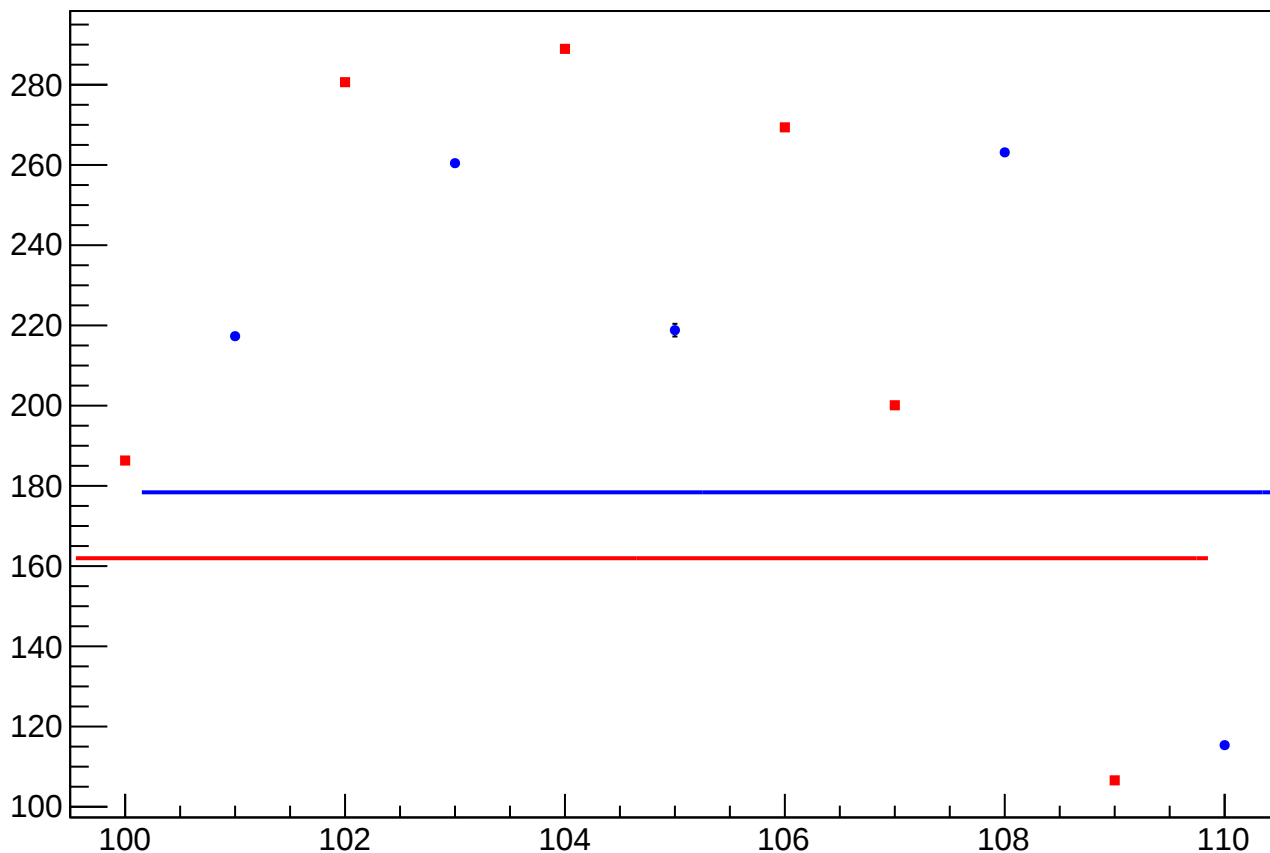
Right Out: -109.826+/-121.522 χ^2/NDF : 1.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

62.472+/-139.950 χ^2/NDF : 0.3/4

-109.826+/-121.522 χ^2/NDF : 1.3/5

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 178.395+/-0.099 χ^2/NDF : 424652.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

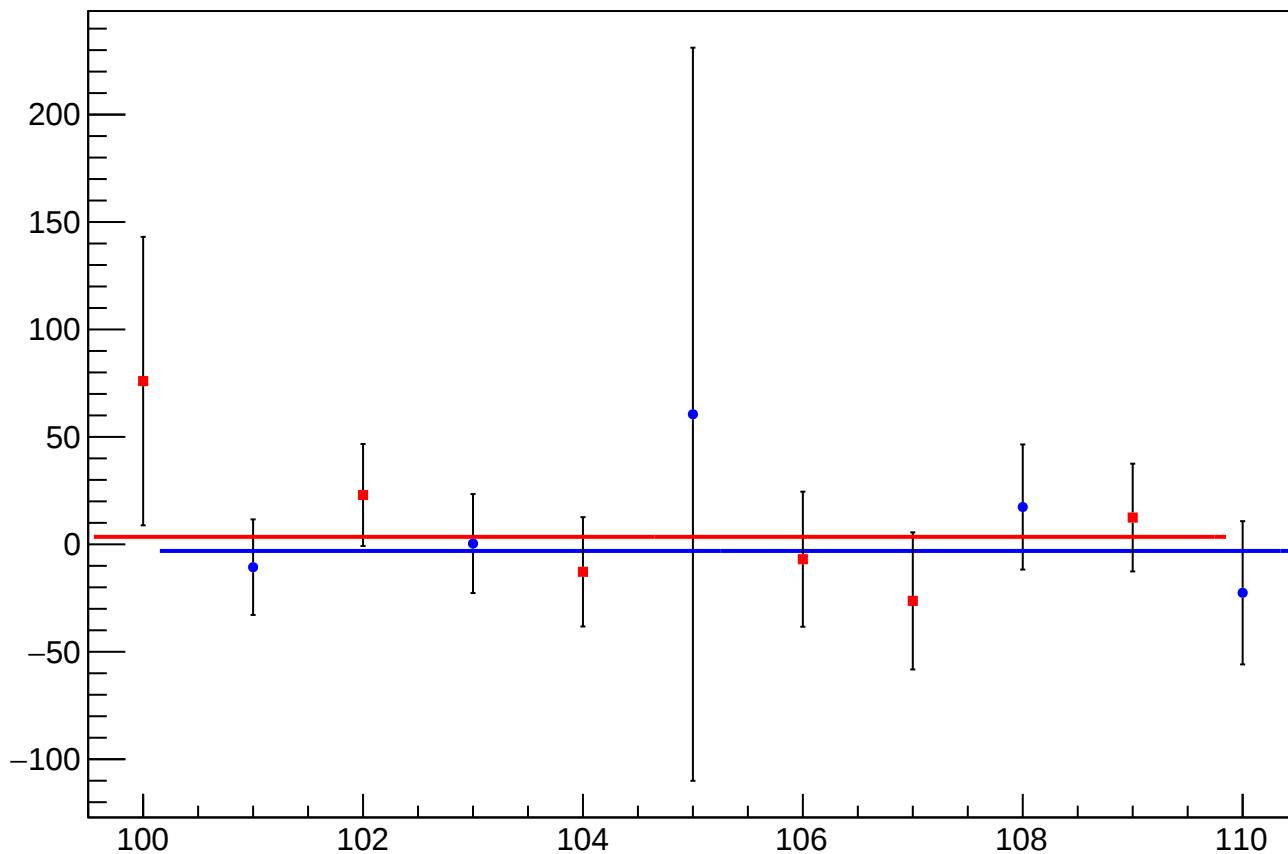
178.395+/-0.099 χ^2/NDF : 424652.0/4

Right Out: 161.964+/-0.086 χ^2/NDF : 737151.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

161.964+/-0.086 χ^2/NDF : 737151.1/5

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -3.073+/-12.887 χ^2/NDF : 1.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

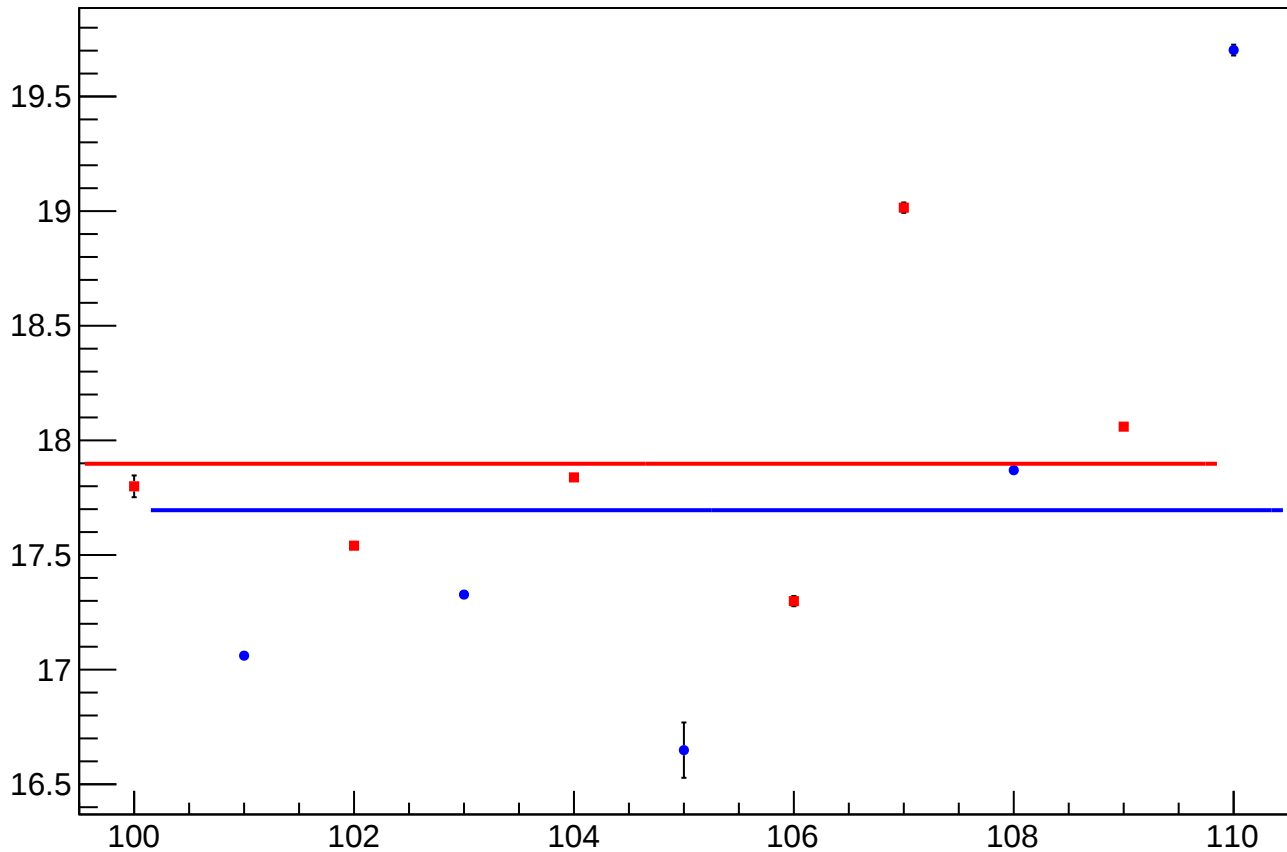
Right Out: 3.488+/-11.844 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.073+/-12.887 χ^2/NDF : 1.1/4

3.488+/-11.844 χ^2/NDF : 3.4/5

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 17.695+/-0.009 χ^2/NDF : 9538.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

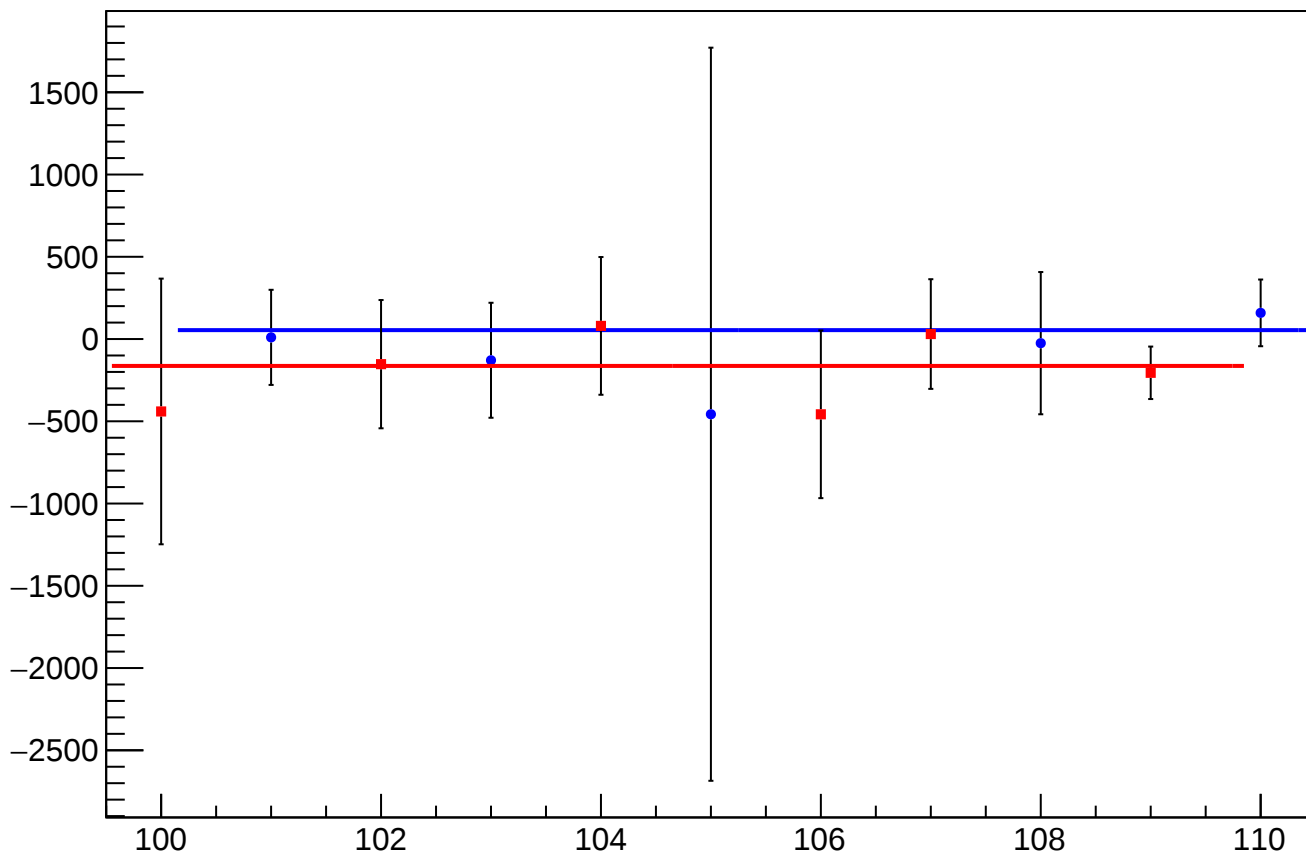
Right Out: 17.898+/-0.008 χ^2/NDF : 3731.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.695+/-0.009 χ^2/NDF : 9538.9/4

17.898+/-0.008 χ^2/NDF : 3731.1/5

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 54.122+/-141.367 χ^2 /NDF: 0.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

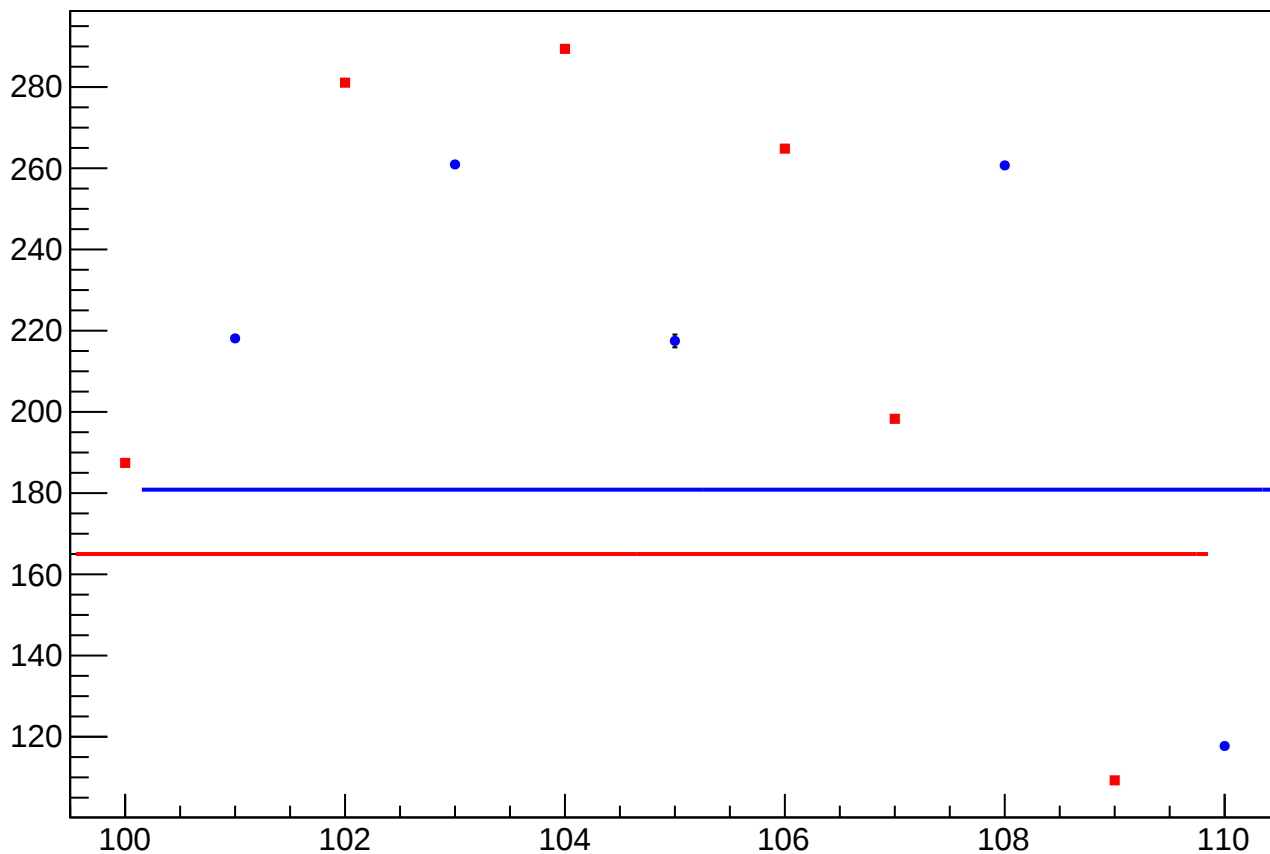
Right Out: -163.453+/-123.091 χ^2 /NDF: 1.2/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

54.122+/-141.367 χ^2 /NDF: 0.7/4

-163.453+/-123.091 χ^2 /NDF: 1.2/5

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 180.854 $\pm$ 0.100 χ^2 /NDF: 400892.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

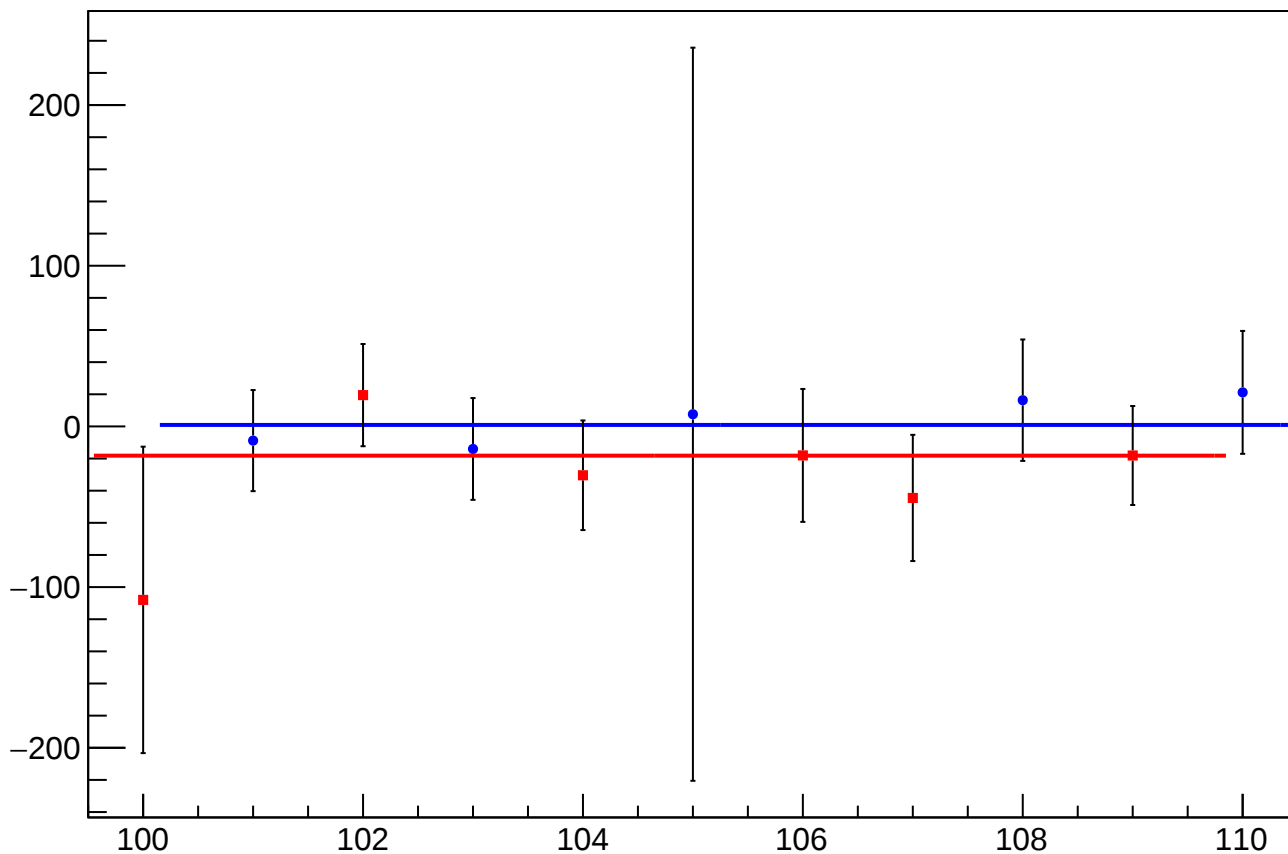
180.854 $\pm$ 0.100 χ^2 /NDF: 400892.4/4

Right Out: 164.998 $\pm$ 0.087 χ^2 /NDF: 696423.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

164.998 $\pm$ 0.087 χ^2 /NDF: 696423.6/5

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: 0.926+/-17.125 χ^2 /NDF: 0.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

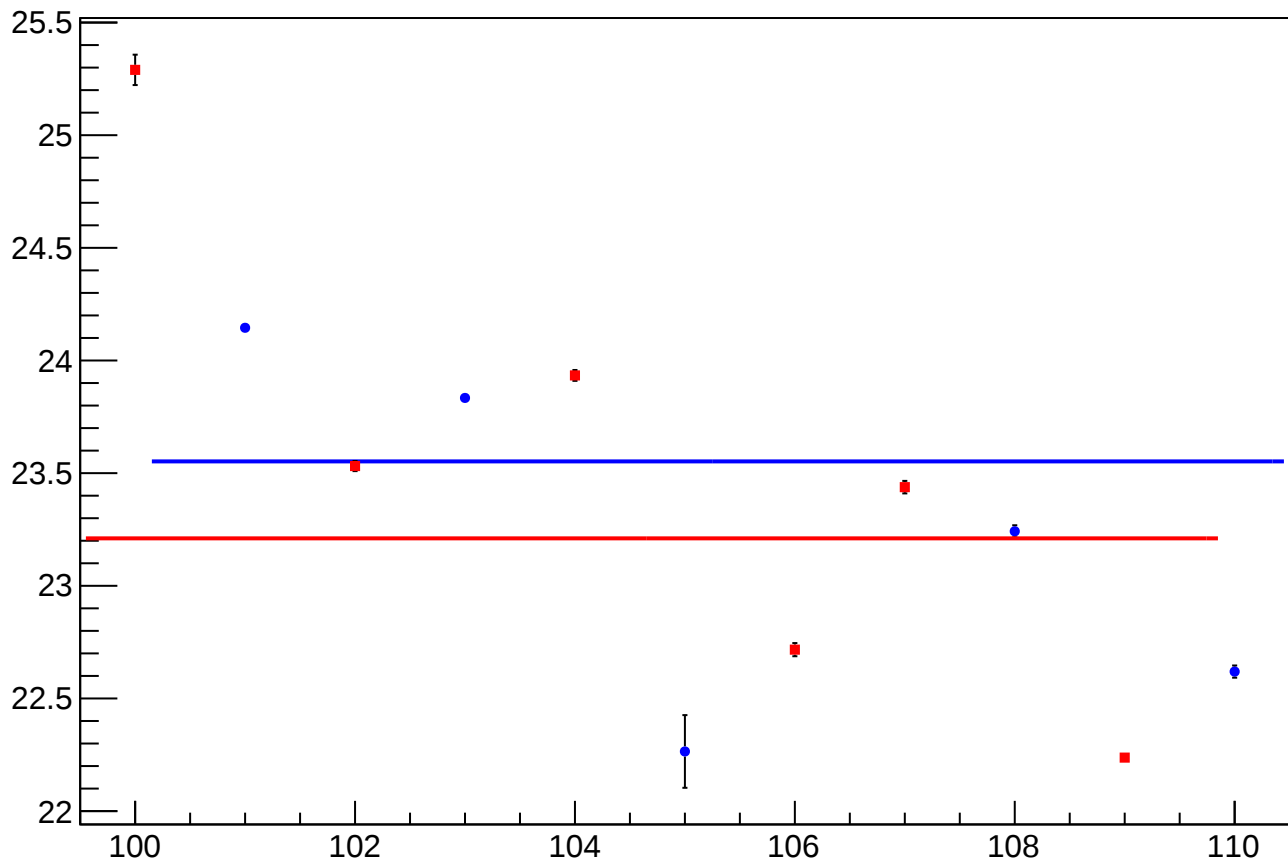
Right Out: -18.199+/-15.348 χ^2 /NDF: 2.9/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.926+/-17.125 χ^2 /NDF: 0.8/4

-18.199+/-15.348 χ^2 /NDF: 2.9/5

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 23.552+/-0.012 χ^2 /NDF: 2257.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

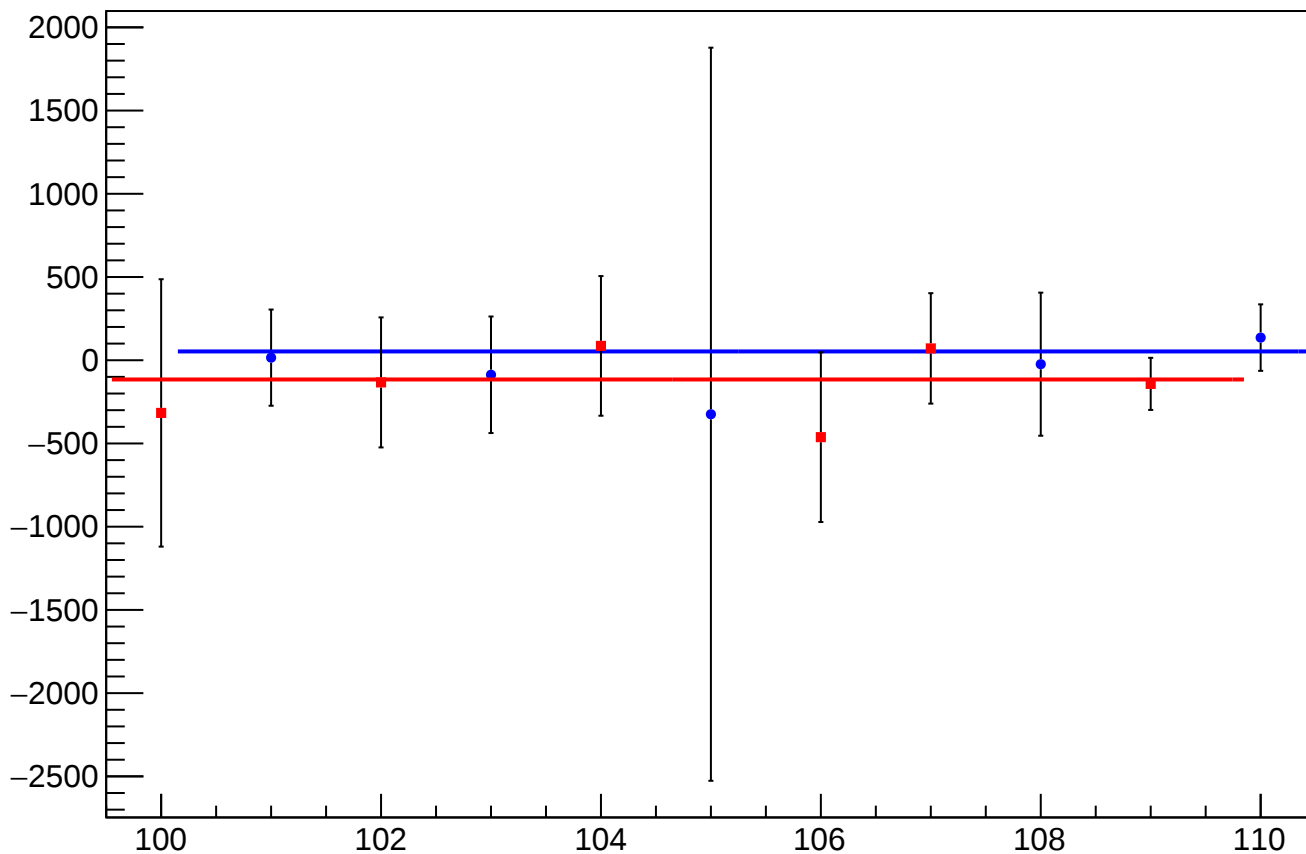
Right Out: 23.211+/-0.011 χ^2 /NDF: 4403.0/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

23.552+/-0.012 χ^2 /NDF: 2257.2/4

23.211+/-0.011 χ^2 /NDF: 4403.0/5

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 52.886+/-140.266 χ^2 /NDF: 0.4/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

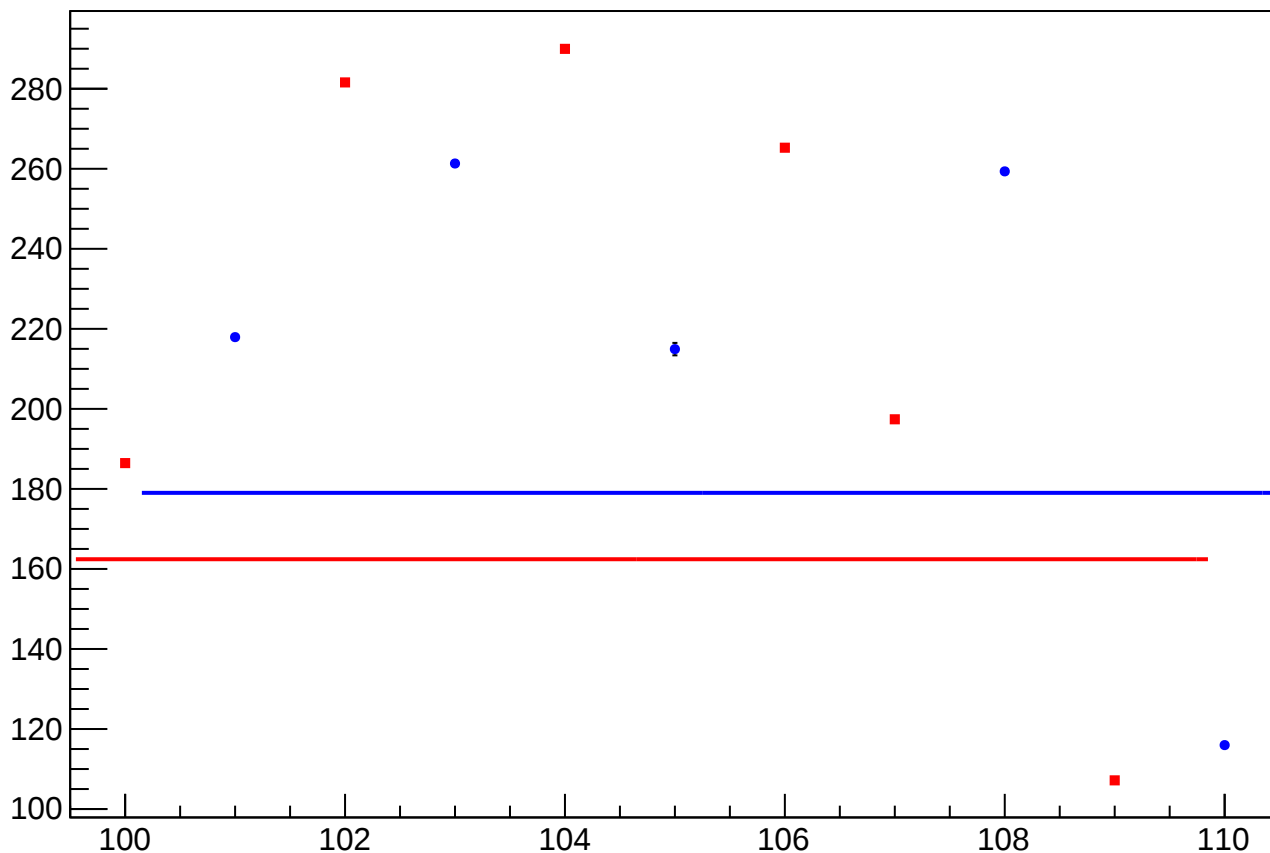
Right Out: -115.545+/-121.672 χ^2 /NDF: 1.1/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

52.886+/-140.266 χ^2 /NDF: 0.4/4

-115.545+/-121.672 χ^2 /NDF: 1.1/5

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 179.017 $\pm$ 0.099 χ^2 /NDF: 416480.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

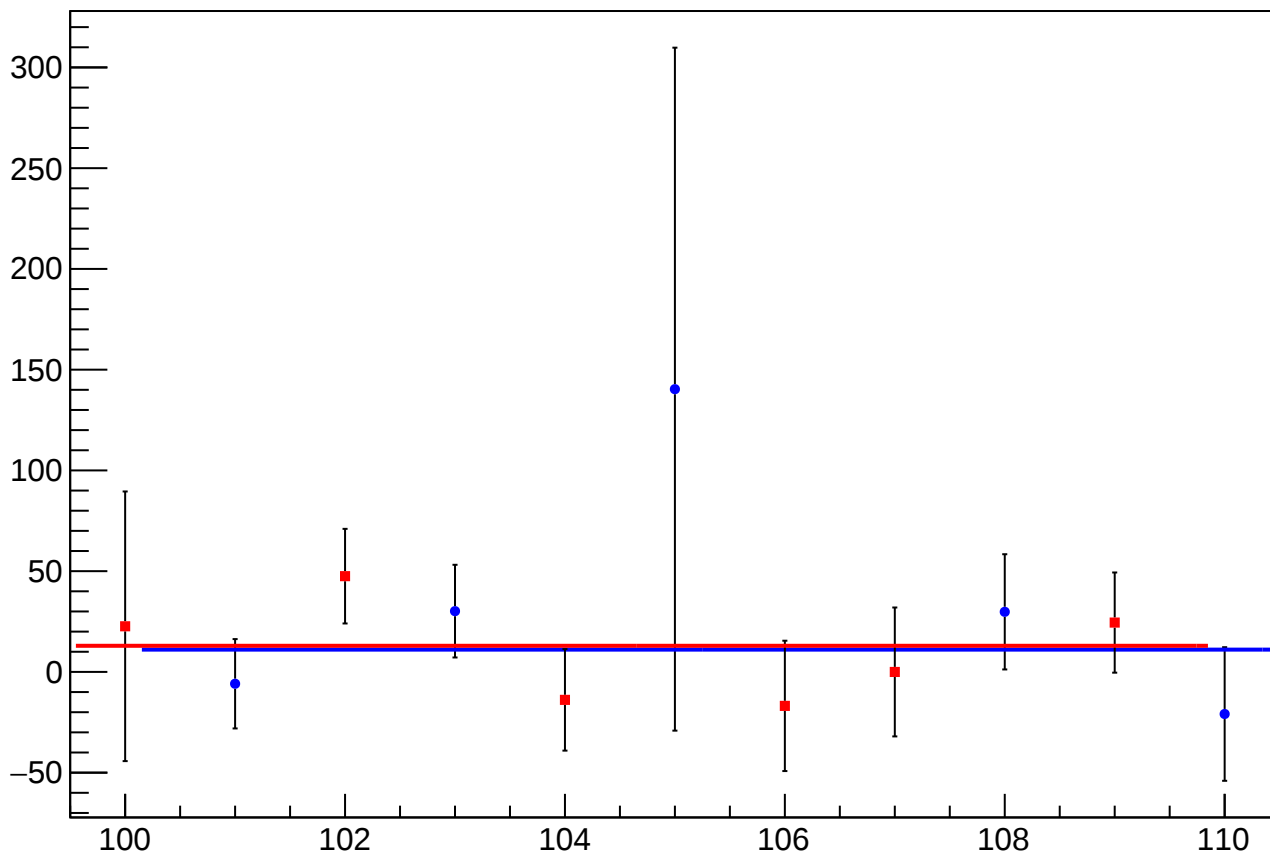
179.017 $\pm$ 0.099 χ^2 /NDF: 416480.9/4

Right Out: 162.426 $\pm$ 0.086 χ^2 /NDF: 725643.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

162.426 $\pm$ 0.086 χ^2 /NDF: 725643.1/5

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: 11.062+/-12.811 χ^2/NDF : 3.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

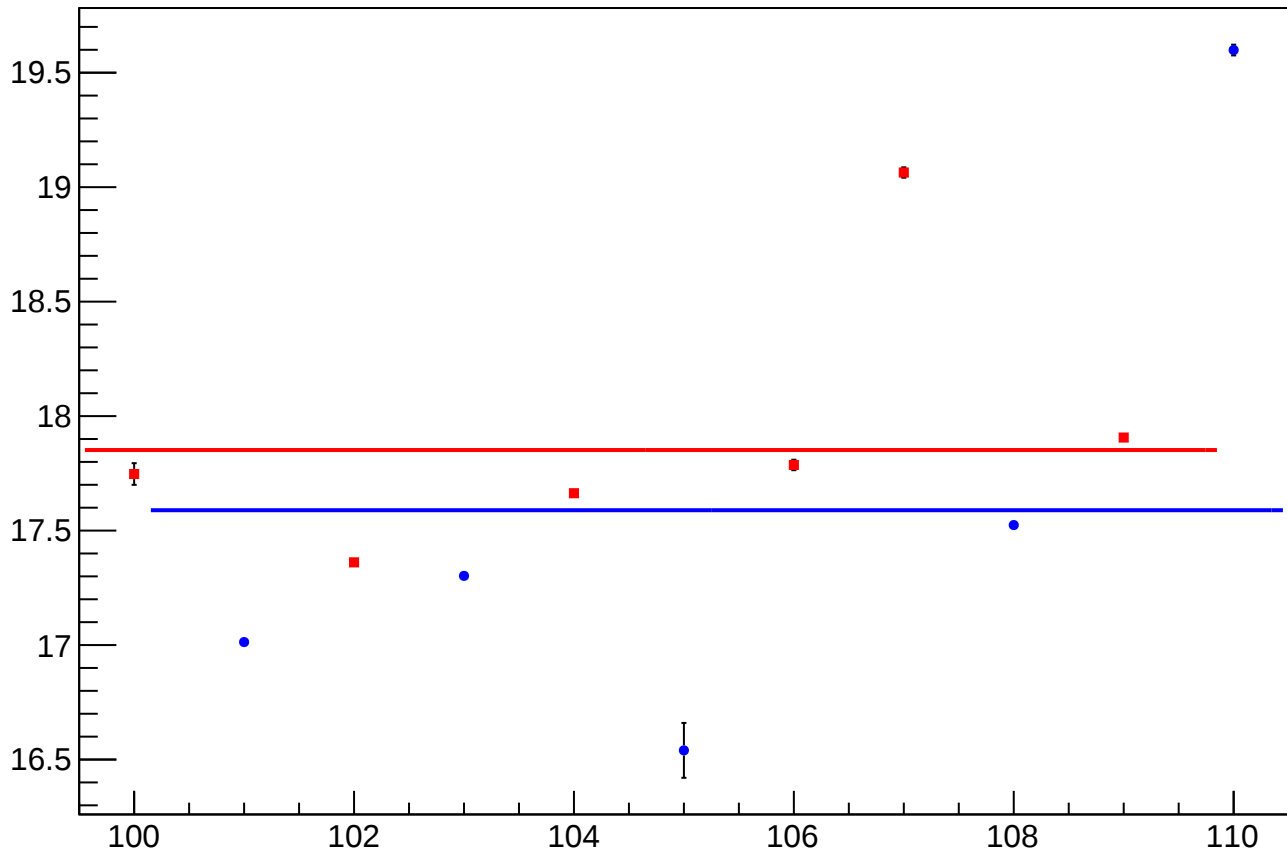
Right Out: 12.966+/-11.814 χ^2/NDF : 4.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.062+/-12.811 χ^2/NDF : 3.2/4

12.966+/-11.814 χ^2/NDF : 4.6/5

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 17.589 $\pm$ 0.009 χ^2 /NDF: 9100.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

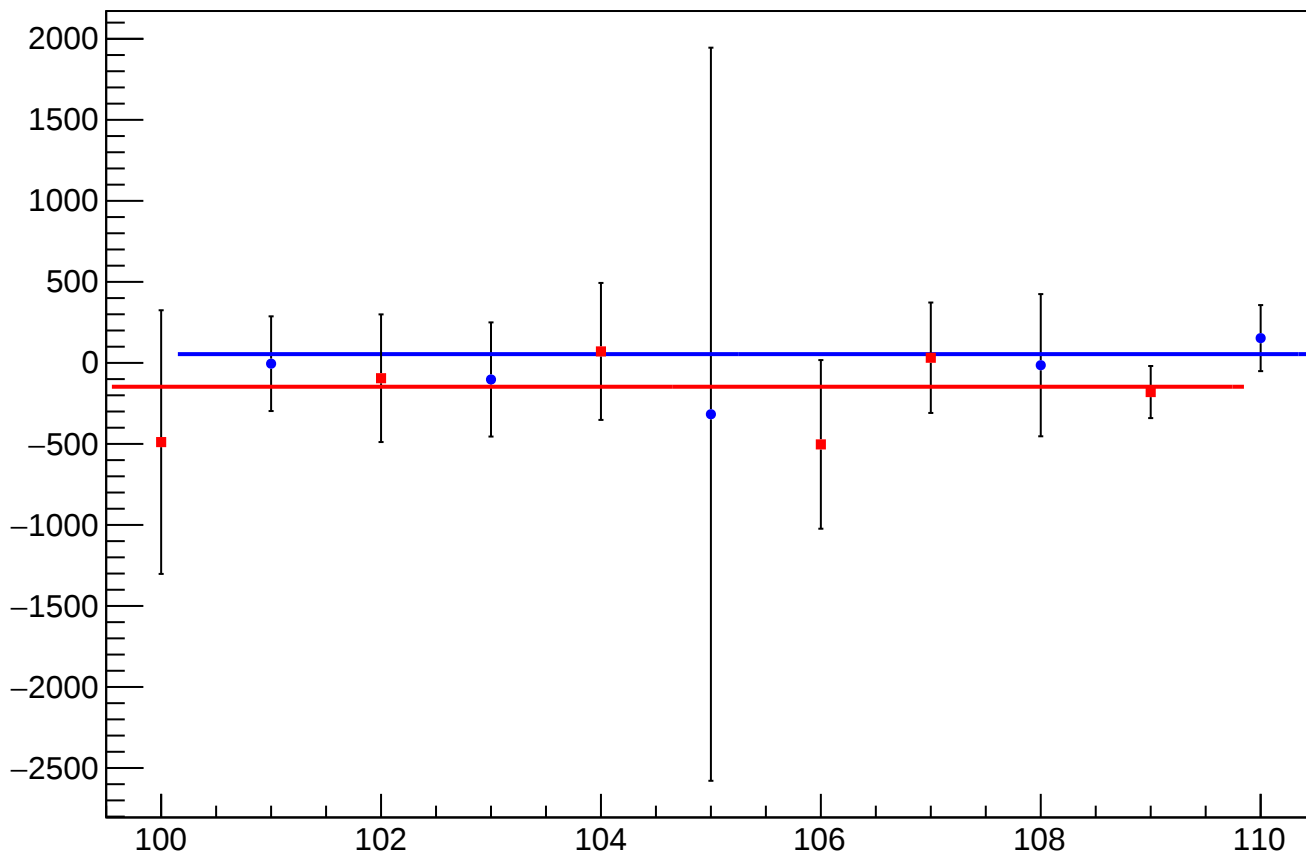
Right Out: 17.852 $\pm$ 0.008 χ^2 /NDF: 3880.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.589 $\pm$ 0.009 χ^2 /NDF: 9100.2/4

17.852 $\pm$ 0.008 χ^2 /NDF: 3880.0/5

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 54.147+/-142.534 χ^2/NDF : 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

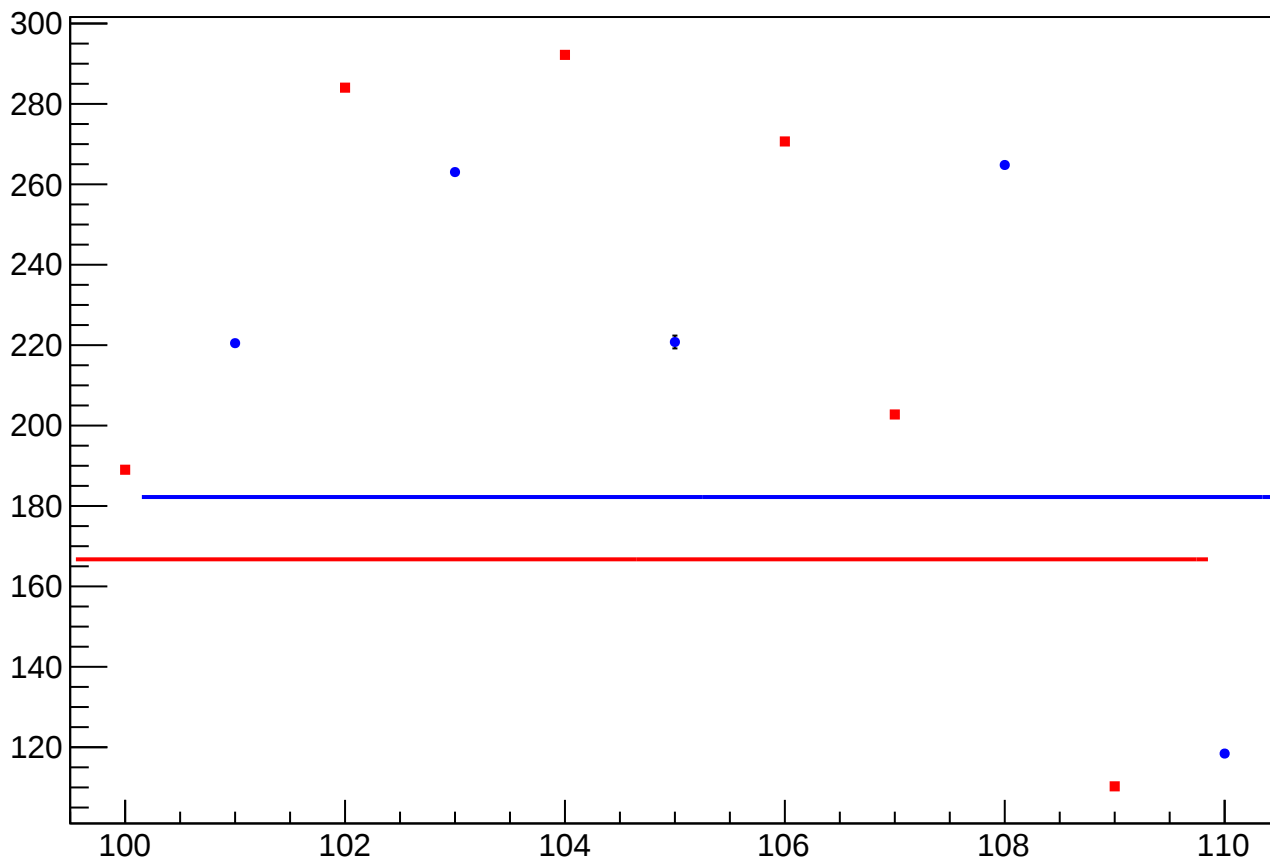
Right Out: -147.121+/-124.444 χ^2/NDF : 1.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.147+/-142.534 χ^2/NDF : 0.5/4

-147.121+/-124.444 χ^2/NDF : 1.2/5

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 182.228 $\pm$ 0.101 χ^2 /NDF: 406925.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

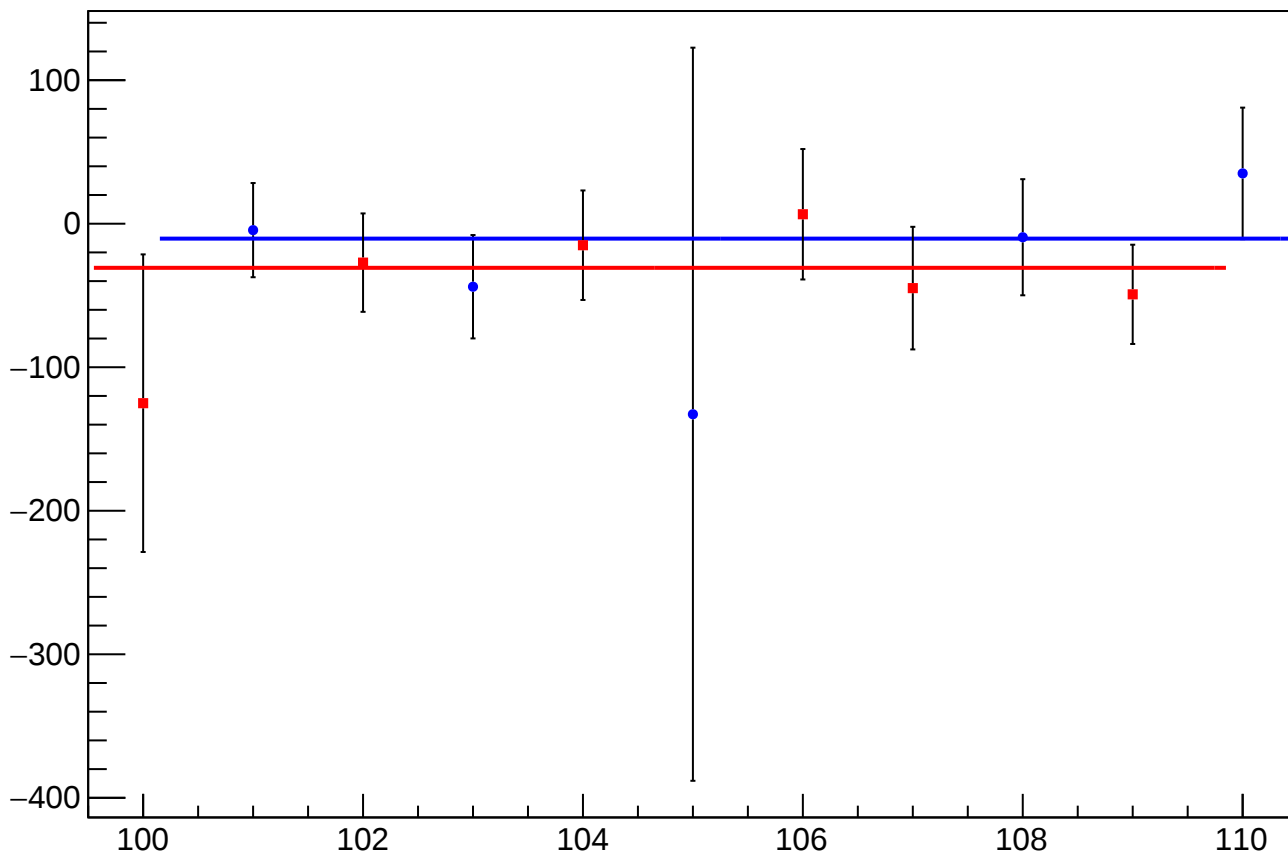
Right Out: 166.733 $\pm$ 0.088 χ^2 /NDF: 704007.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

182.228 $\pm$ 0.101 χ^2 /NDF: 406925.0/4

166.733 $\pm$ 0.088 χ^2 /NDF: 704007.8/5

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: -10.390+/-18.891 χ^2 /NDF: 2.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

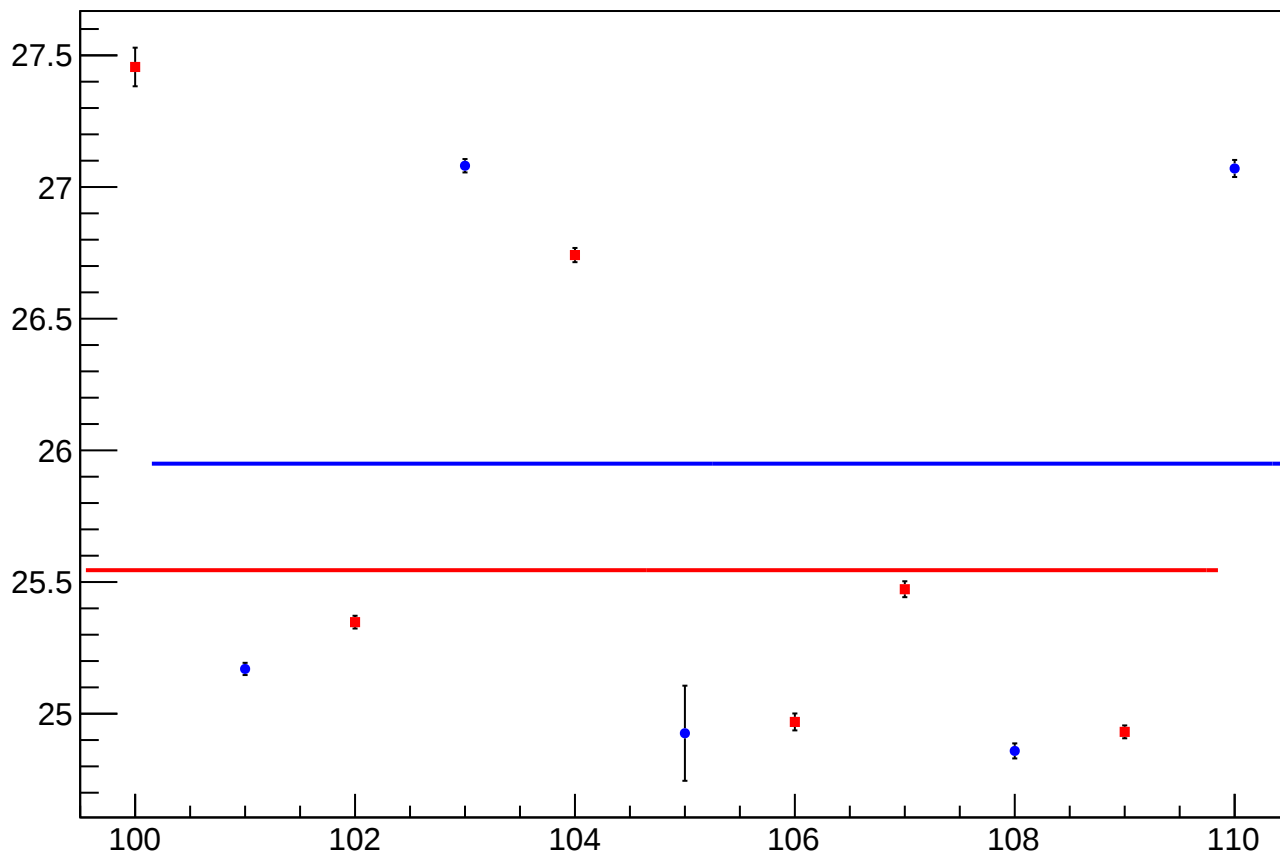
Right Out: -30.738+/-16.904 χ^2 /NDF: 2.1/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-10.390+/-18.891 χ^2 /NDF: 2.1/4

-30.738+/-16.904 χ^2 /NDF: 2.1/5

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 25.950 ± 0.013 $\chi^2/\text{NDF}: 5784.8/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

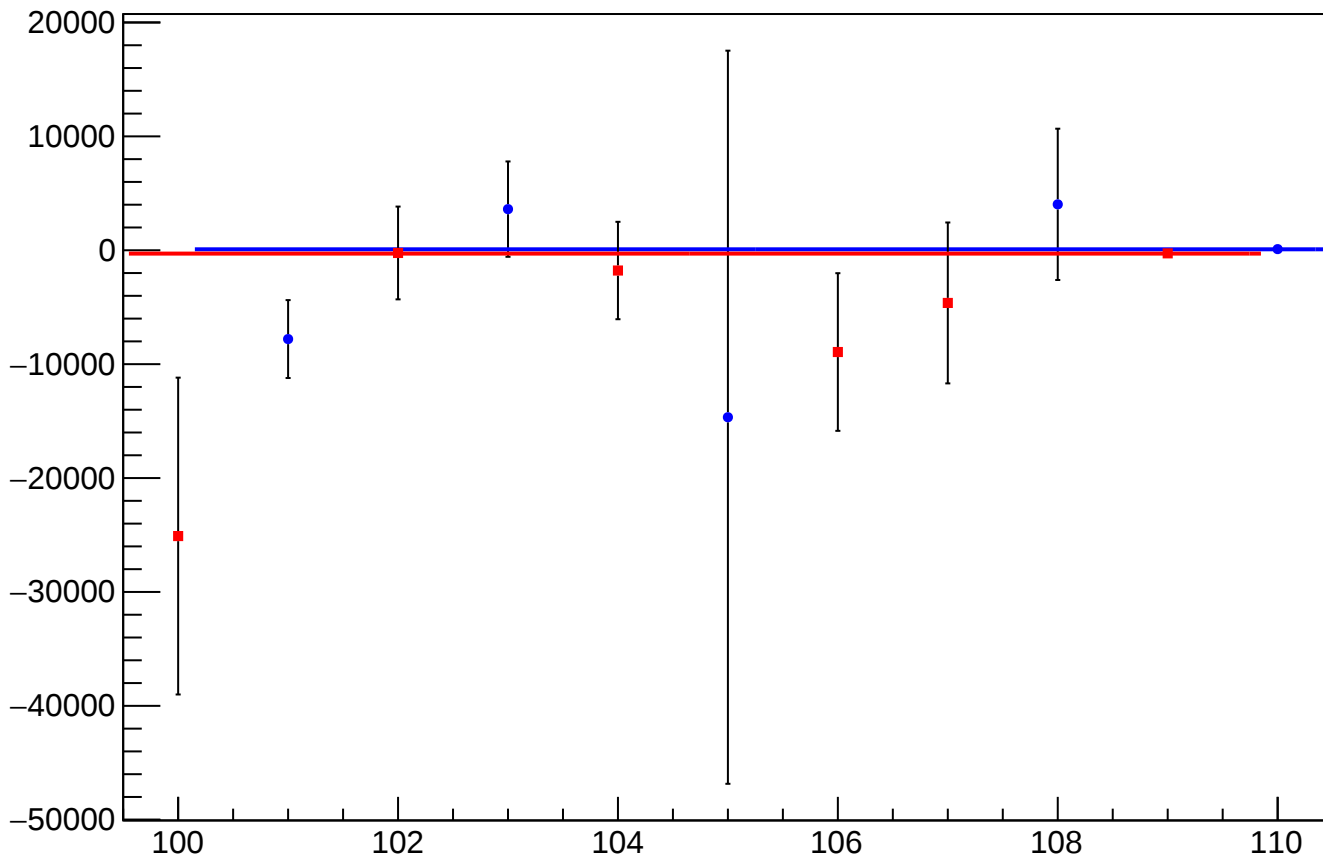
Right Out: 25.545 ± 0.012 $\chi^2/\text{NDF}: 3671.0/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

25.950 ± 0.013 $\chi^2/\text{NDF}: 5784.8/4$

25.545 ± 0.012 $\chi^2/\text{NDF}: 3671.0/5$

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 84.362+/-199.992 χ^2/NDF : 6.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

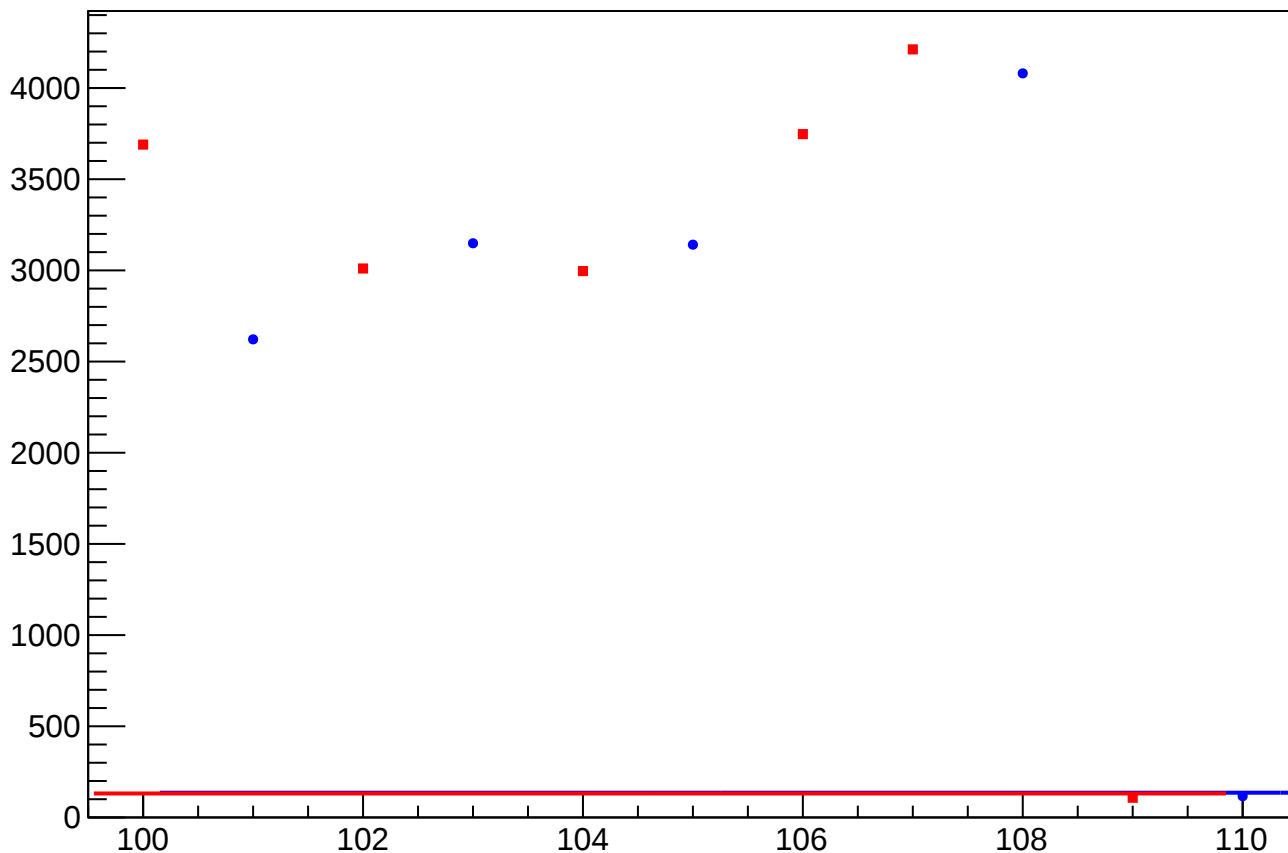
Right Out: -292.966+/-214.767 χ^2/NDF : 5.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

84.362+/-199.992 χ^2/NDF : 6.6/4

-292.966+/-214.767 χ^2/NDF : 5.2/5

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 135.754+/-0.141 χ^2/NDF : 2833899.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

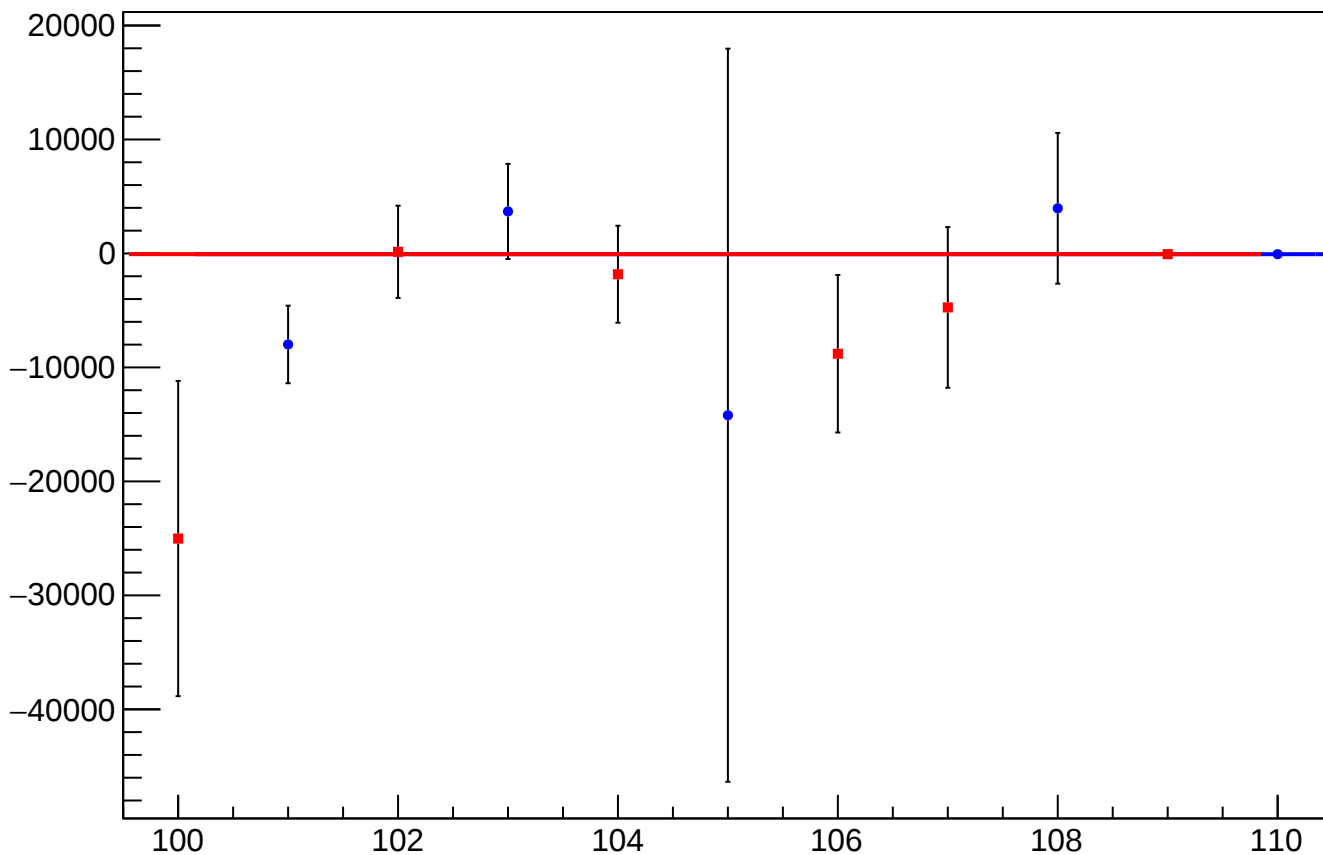
135.754+/-0.141 χ^2/NDF : 2833899.9/4

Right Out: 131.541+/-0.152 χ^2/NDF : 3264854.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

131.541+/-0.152 χ^2/NDF : 3264854.3/5

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -64.626+/-45.132 χ^2 /NDF: 6.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

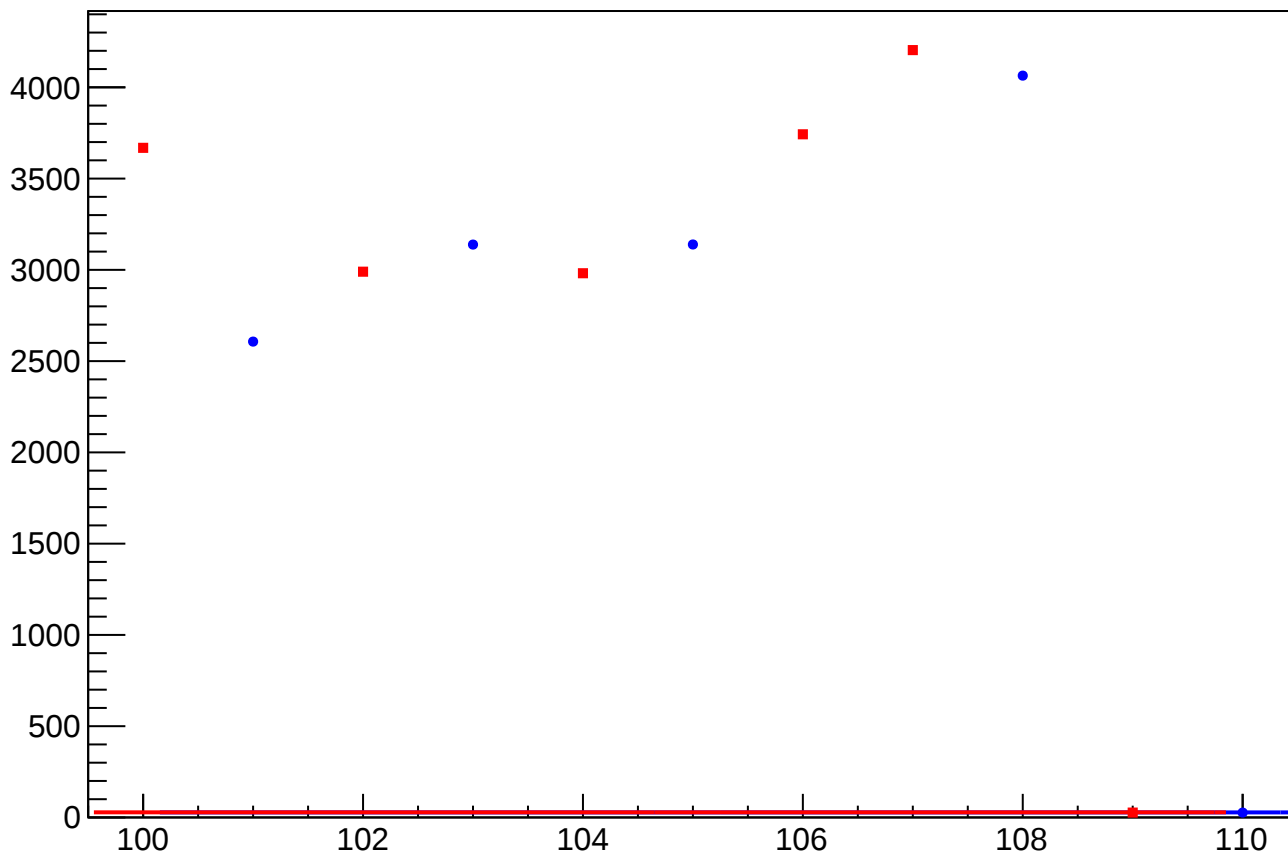
Right Out: -61.801+/-52.104 χ^2 /NDF: 5.5/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-64.626+/-45.132 χ^2 /NDF: 6.8/4

-61.801+/-52.104 χ^2 /NDF: 5.5/5

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 27.683+/-0.032 χ^2/NDF : 3026478.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

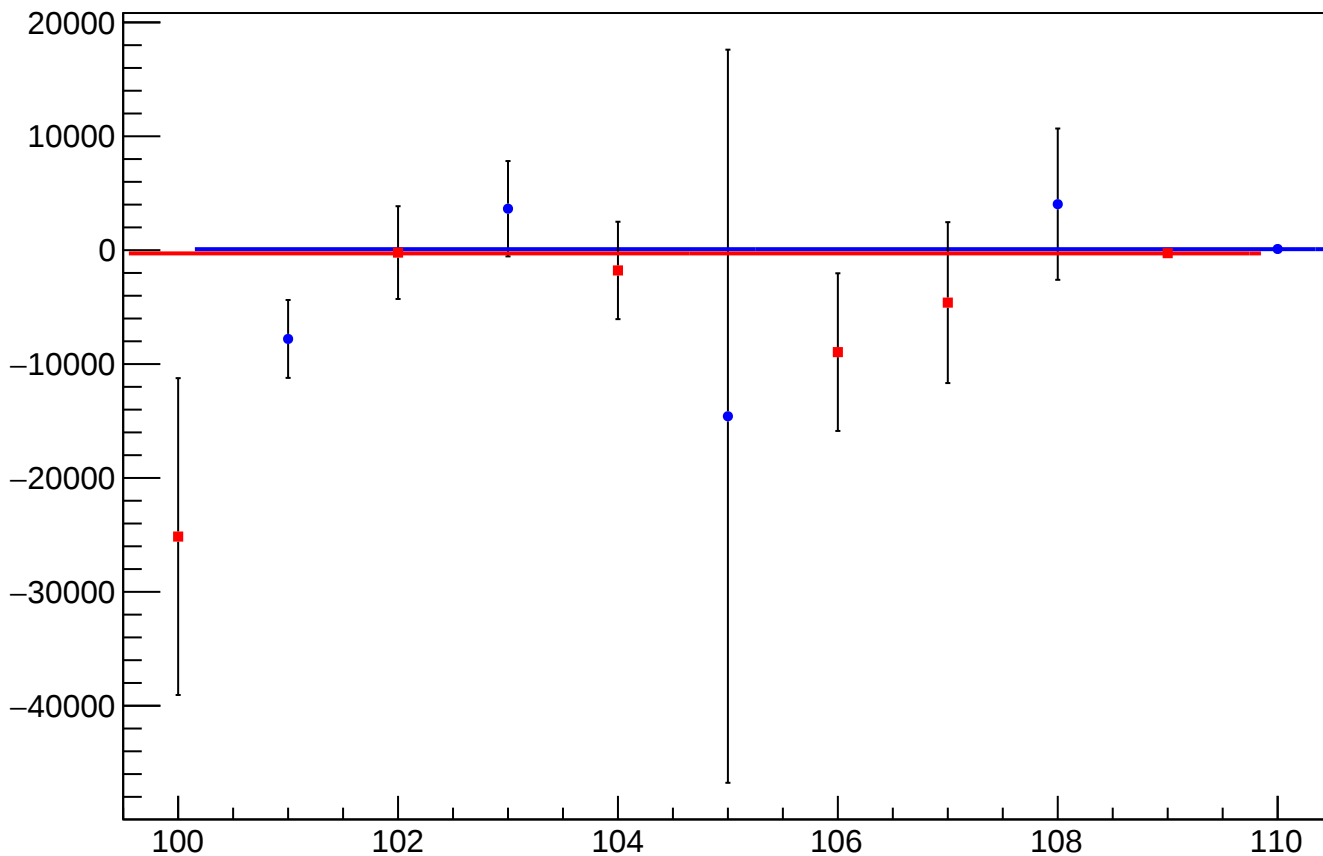
Right Out: 28.072+/-0.037 χ^2/NDF : 3455334.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.683+/-0.032 χ^2/NDF : 3026478.5/4

28.072+/-0.037 χ^2/NDF : 3455334.2/5

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 88.398+/-198.946 χ^2/NDF : 6.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

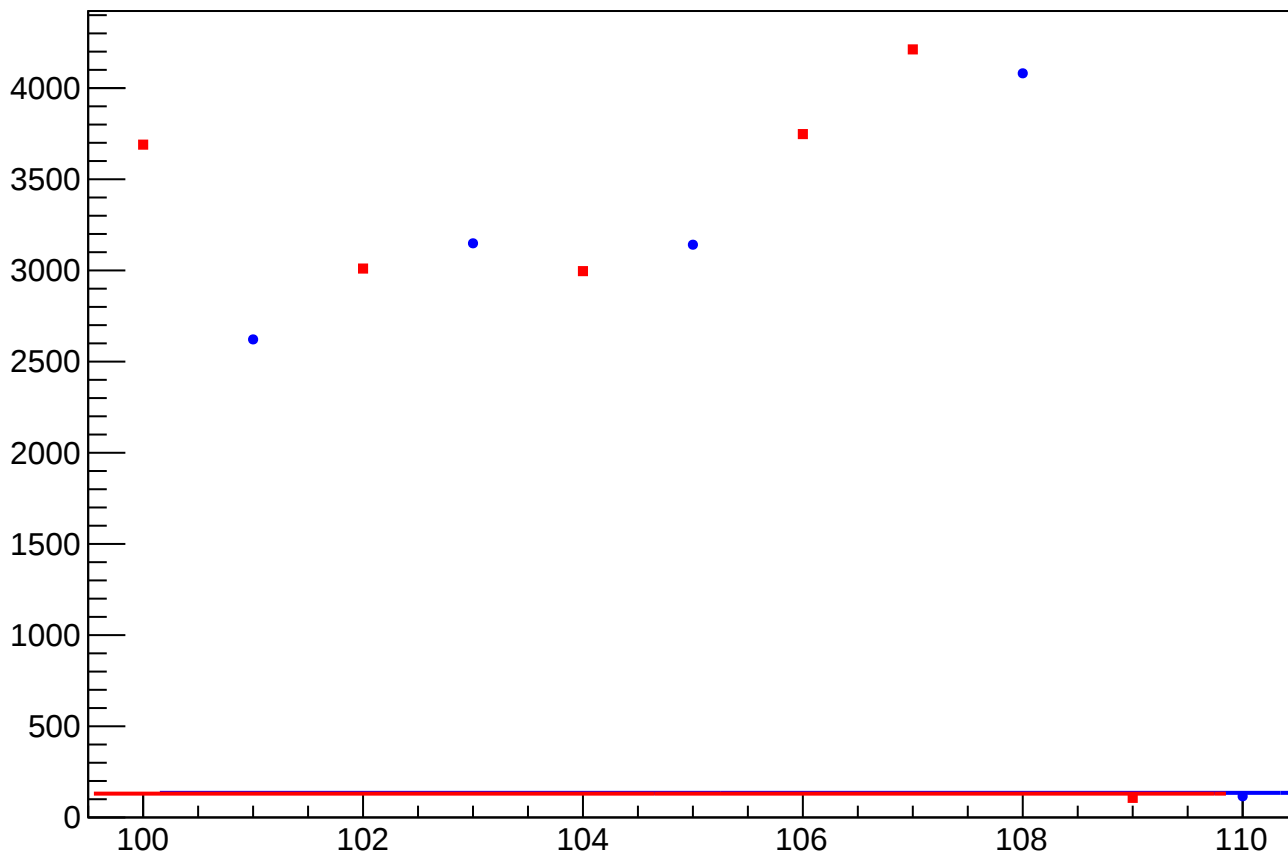
Right Out: -282.672+/-213.585 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

88.398+/-198.946 χ^2/NDF : 6.6/4

-282.672+/-213.585 χ^2/NDF : 5.3/5

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 134.944+/-0.141 χ^2/NDF : 2835271.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

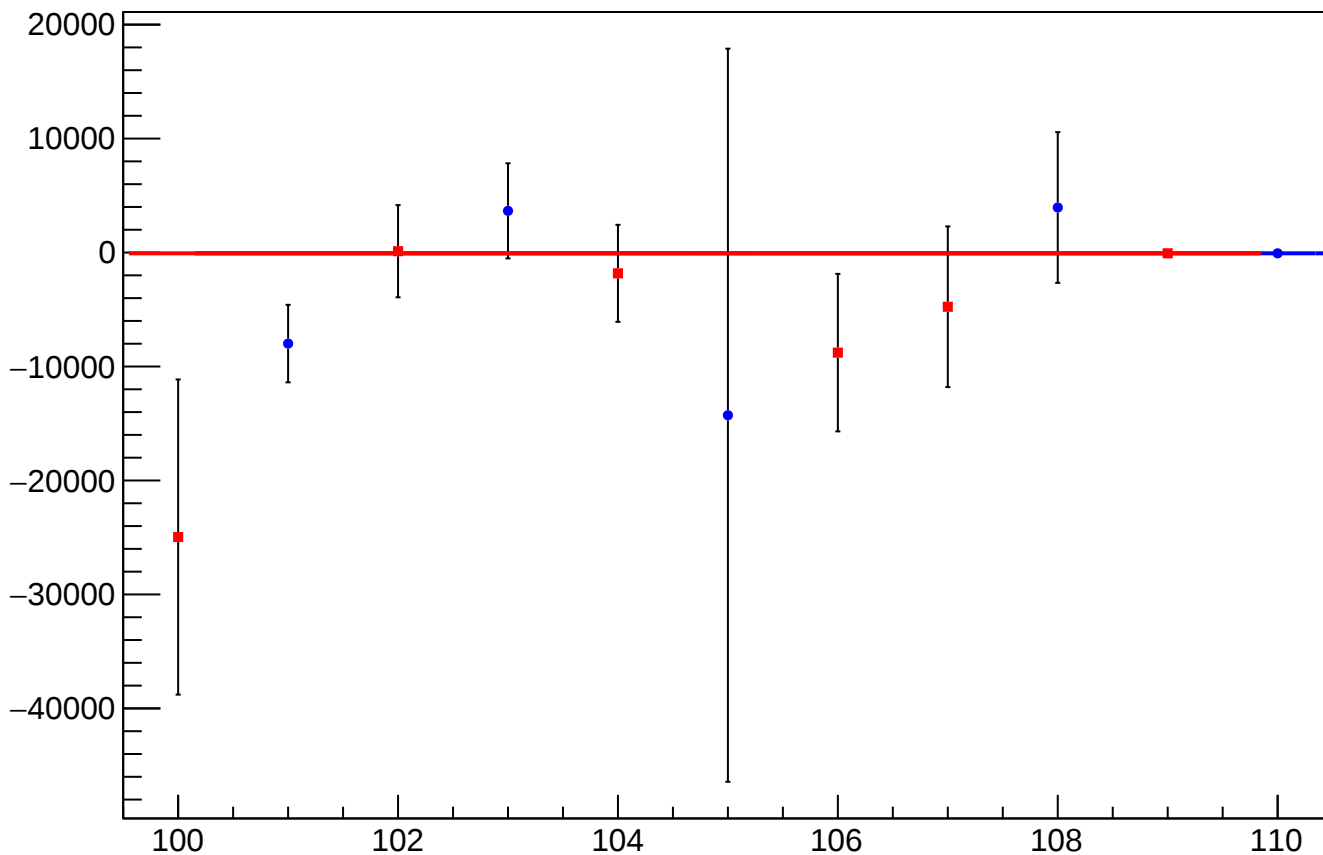
134.944+/-0.141 χ^2/NDF : 2835271.2/4

Right Out: 130.661+/-0.151 χ^2/NDF : 3266386.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

130.661+/-0.151 χ^2/NDF : 3266386.9/5

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -67.343+/-45.256 χ^2 /NDF: 6.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

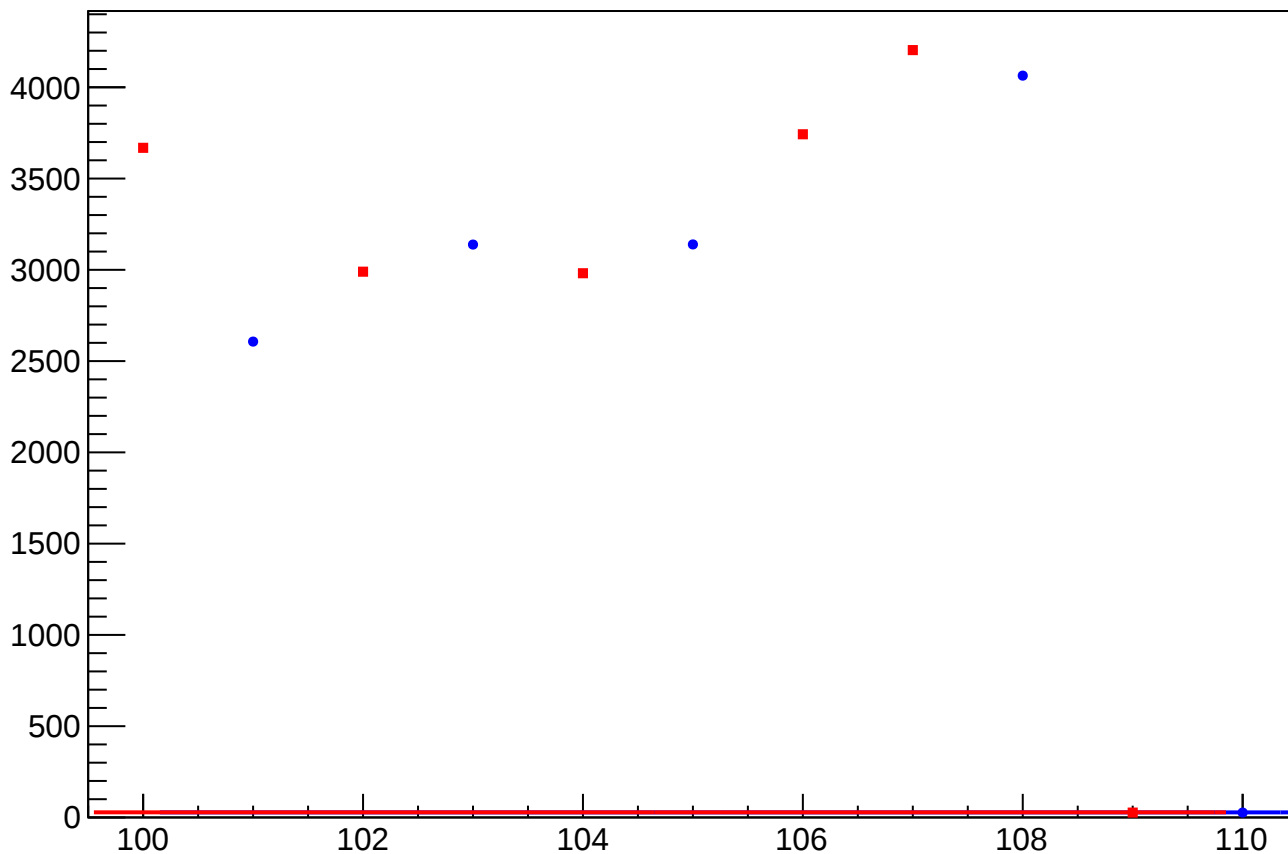
Right Out: -67.775+/-52.102 χ^2 /NDF: 5.4/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-67.343+/-45.256 χ^2 /NDF: 6.8/4

-67.775+/-52.102 χ^2 /NDF: 5.4/5

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 27.761+/-0.032 χ^2/NDF : 3026325.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

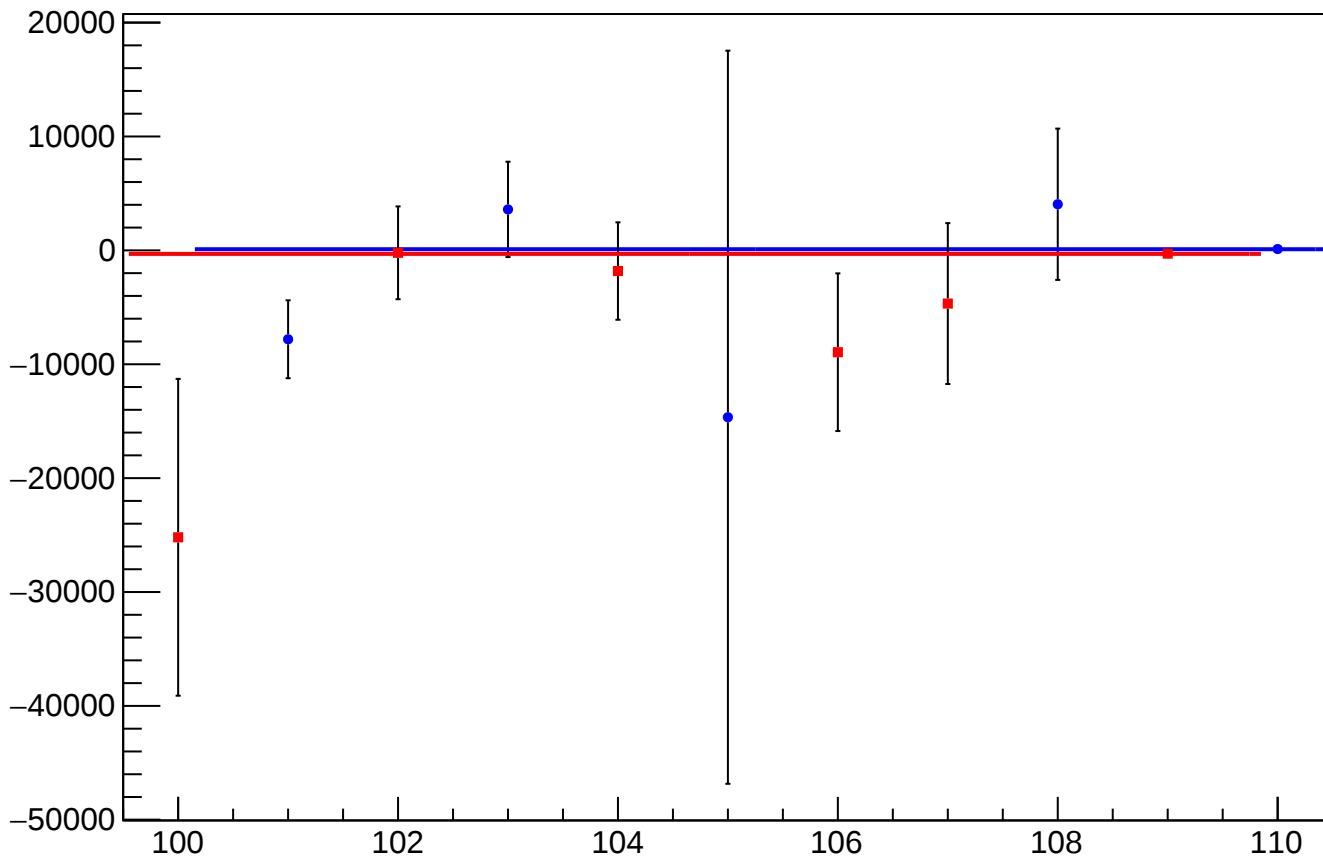
27.761+/-0.032 χ^2/NDF : 3026325.1/4

Right Out: 28.068+/-0.037 χ^2/NDF : 3455342.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28.068+/-0.037 χ^2/NDF : 3455342.1/5

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 100.338+/-203.739 χ^2/NDF : 6.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

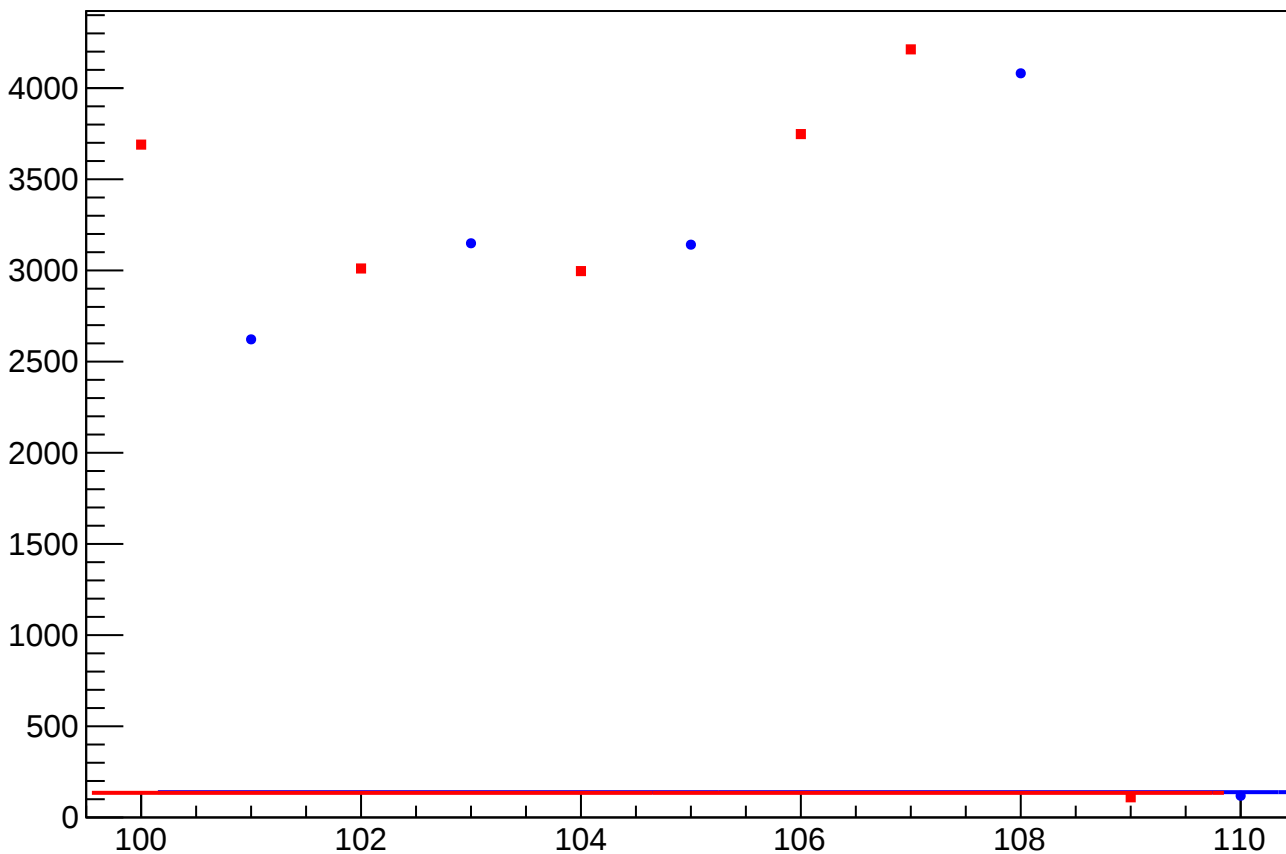
100.338+/-203.739 χ^2/NDF : 6.6/4

Right Out: -310.787+/-219.315 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-310.787+/-219.315 χ^2/NDF : 5.3/5

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 138.718+/-0.144 χ^2/NDF : 2828932.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

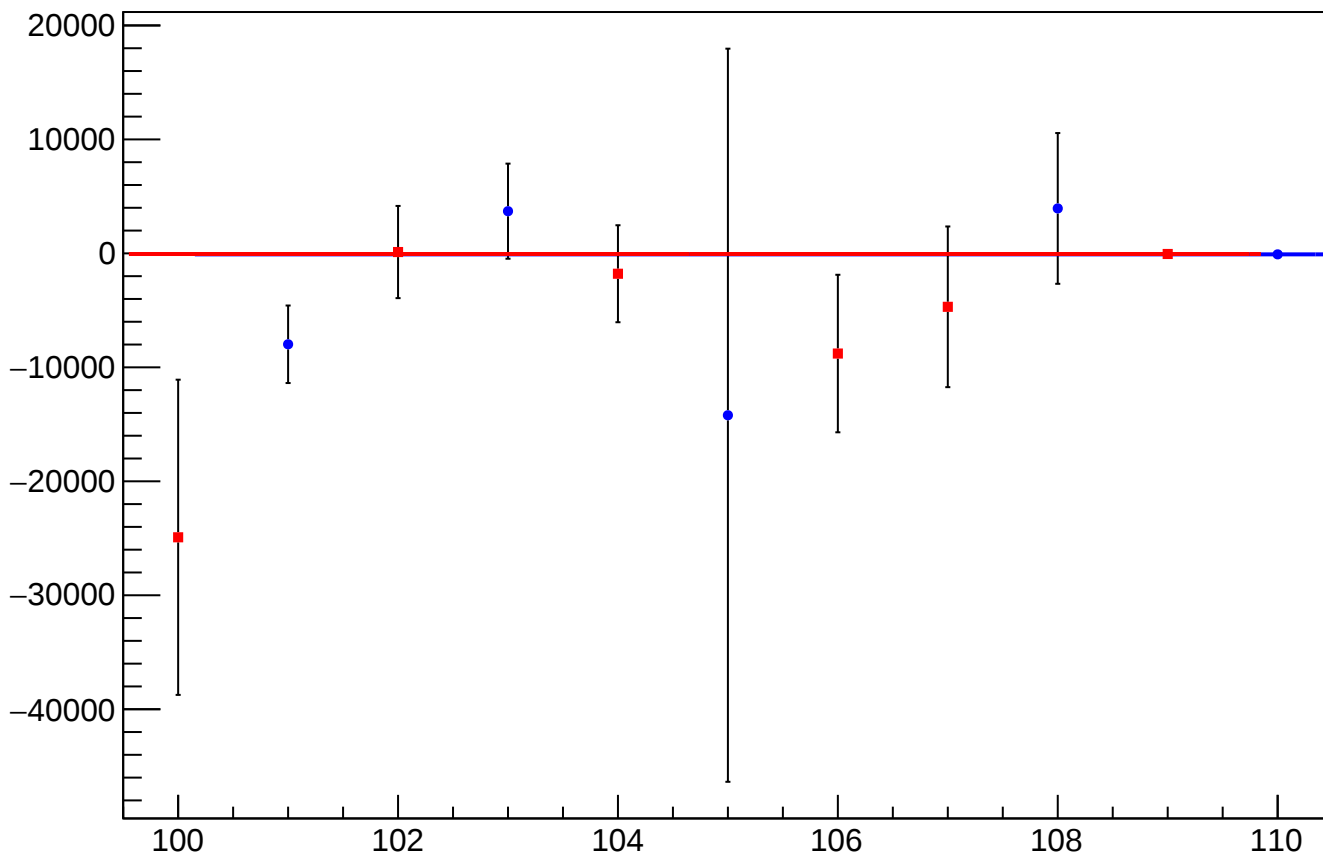
138.718+/-0.144 χ^2/NDF : 2828932.6/4

Right Out: 135.053+/-0.155 χ^2/NDF : 3258738.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.053+/-0.155 χ^2/NDF : 3258738.4/5

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -86.681+/-56.336 χ^2 /NDF: 6.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

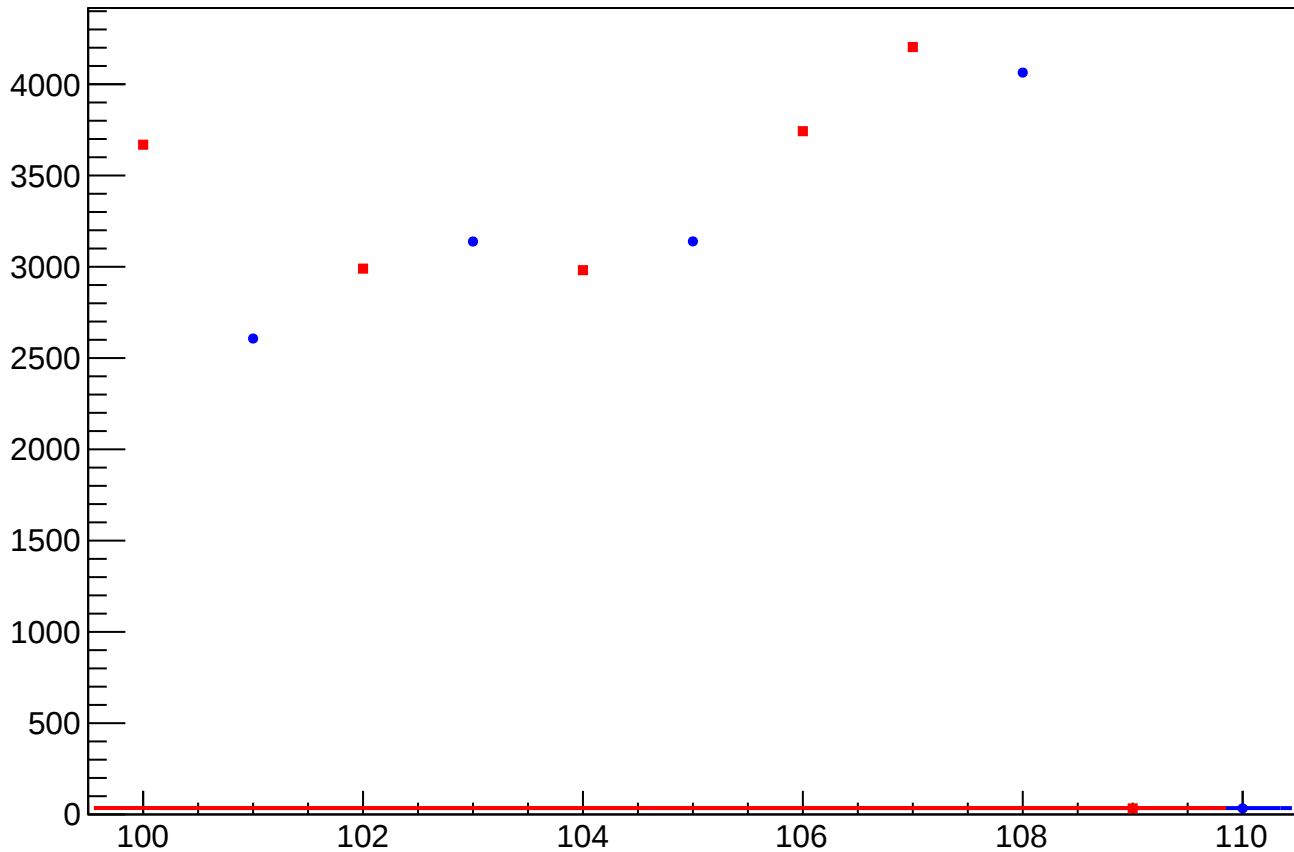
Right Out: -55.690+/-64.776 χ^2 /NDF: 5.4/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-86.681+/-56.336 χ^2 /NDF: 6.8/4

-55.690+/-64.776 χ^2 /NDF: 5.4/5

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 34.891+/-0.040 χ^2/NDF : 3012720.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

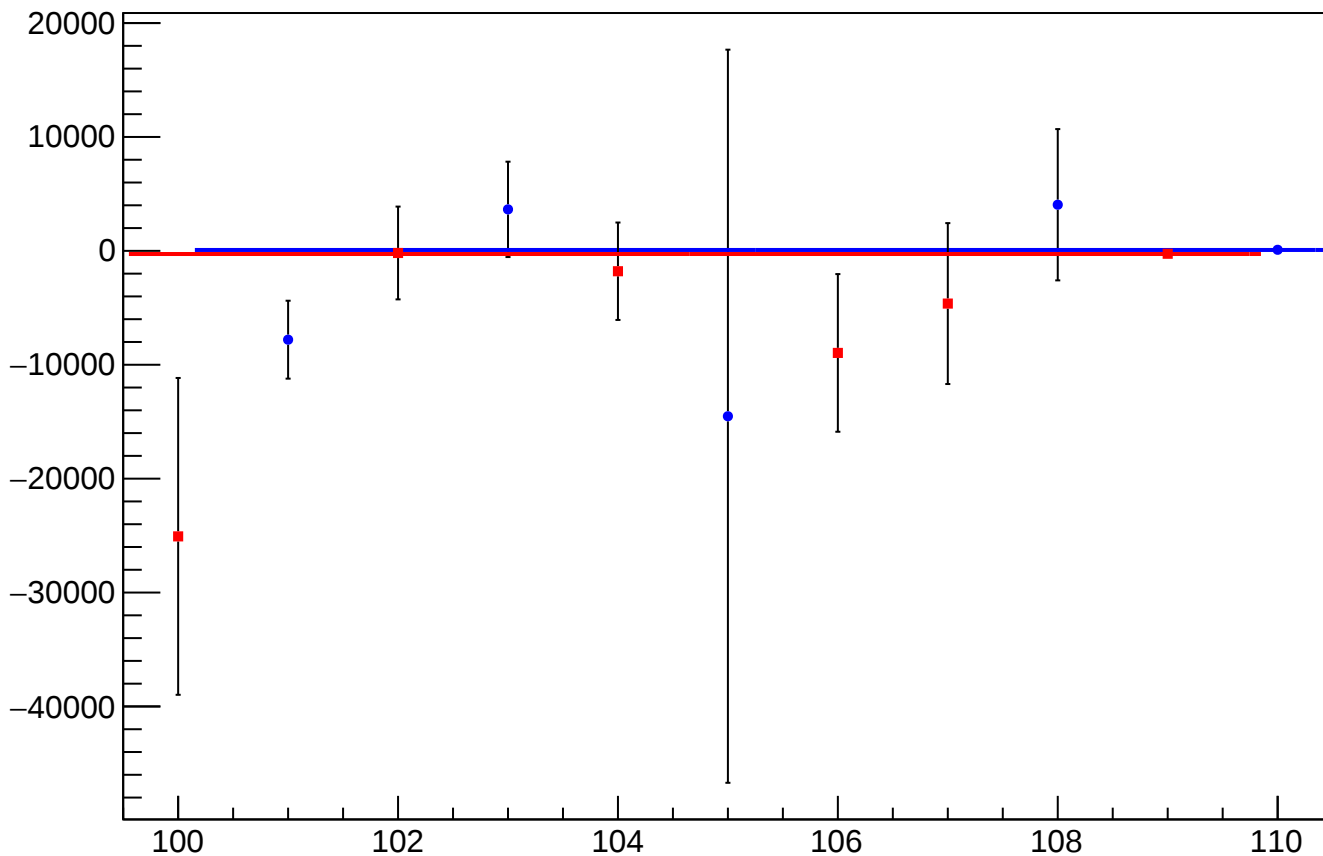
34.891+/-0.040 χ^2/NDF : 3012720.2/4

Right Out: 35.383+/-0.046 χ^2/NDF : 3440805.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.383+/-0.046 χ^2/NDF : 3440805.5/5

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 78.354+/-200.874 χ^2/NDF : 6.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

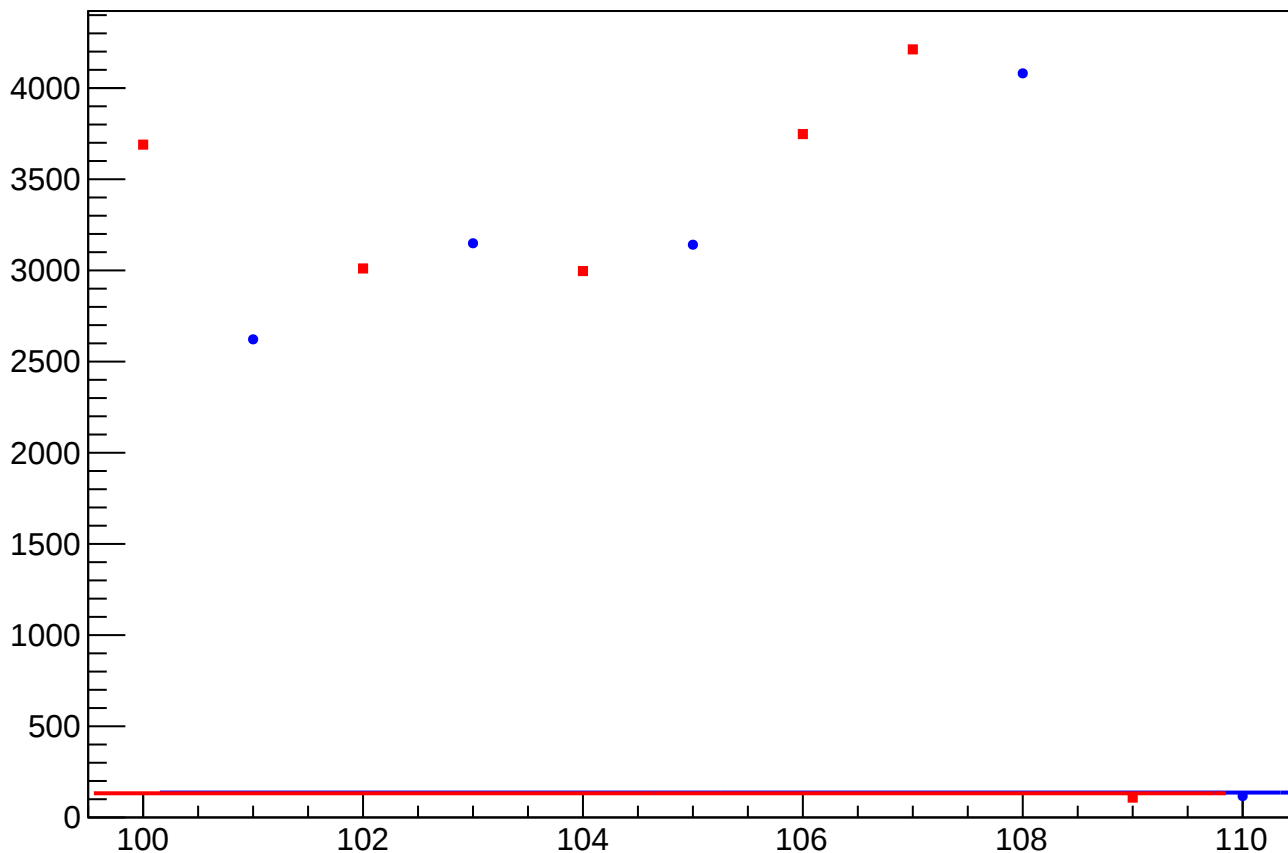
Right Out: -276.484+/-215.958 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

78.354+/-200.874 χ^2/NDF : 6.6/4

-276.484+/-215.958 χ^2/NDF : 5.3/5

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 136.474 $\pm$ 0.142 χ^2 /NDF: 2832696.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

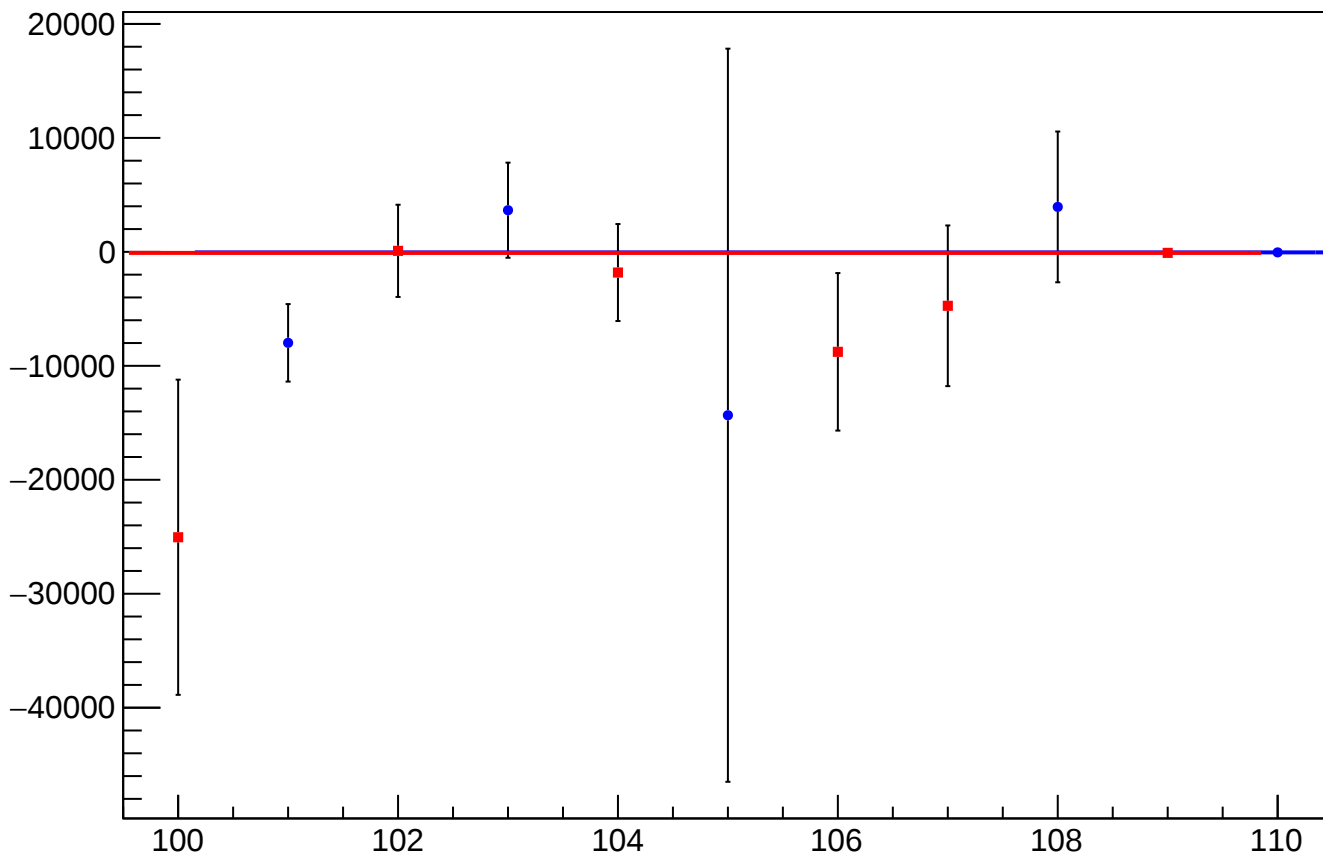
136.474 $\pm$ 0.142 χ^2 /NDF: 2832696.4/4

Right Out: 132.522 $\pm$ 0.153 χ^2 /NDF: 3263140.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132.522 $\pm$ 0.153 χ^2 /NDF: 3263140.9/5

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: -45.913+/-52.687 χ^2 /NDF: 6.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

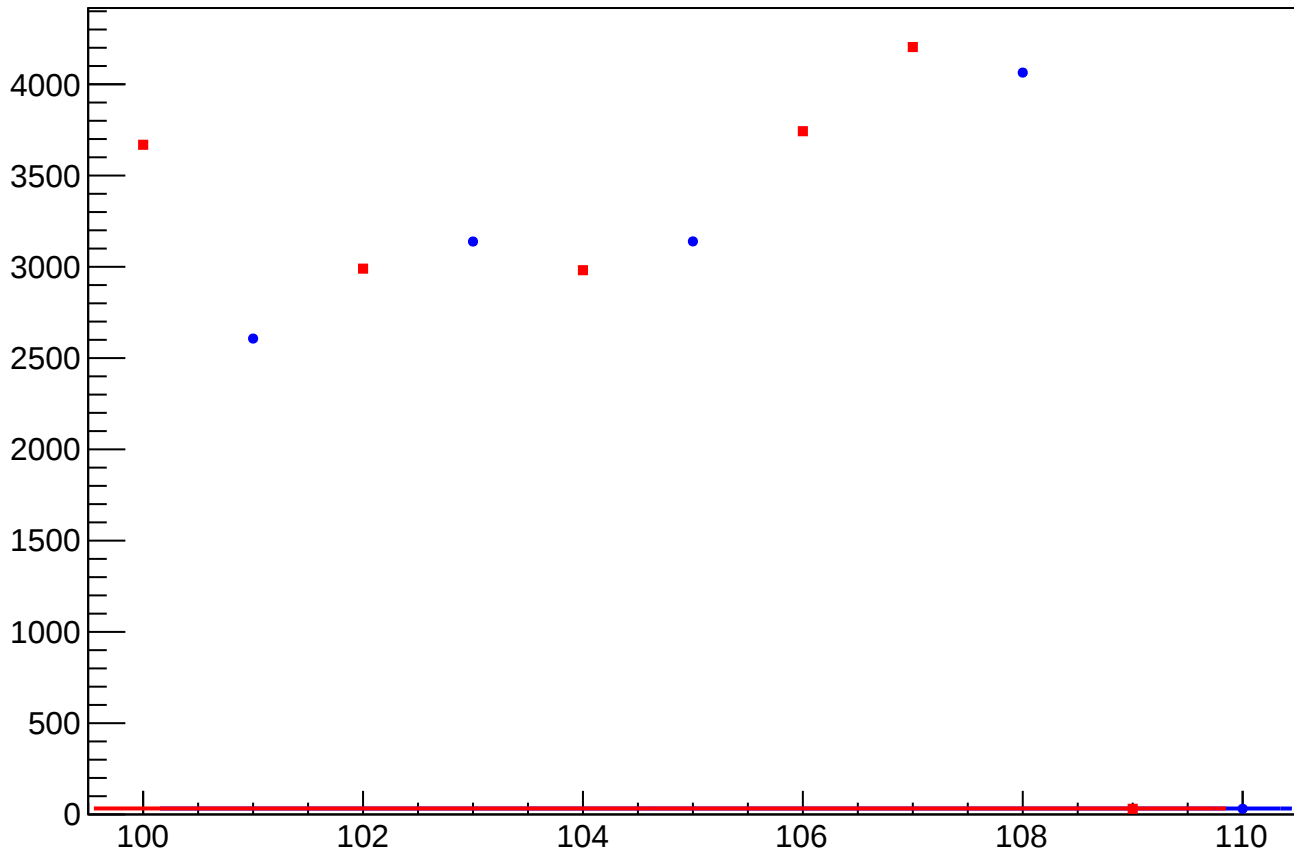
Right Out: -89.875+/-60.442 χ^2 /NDF: 5.4/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-45.913+/-52.687 χ^2 /NDF: 6.8/4

-89.875+/-60.442 χ^2 /NDF: 5.4/5

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 32.535+/-0.037 χ^2/NDF : 3017203.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

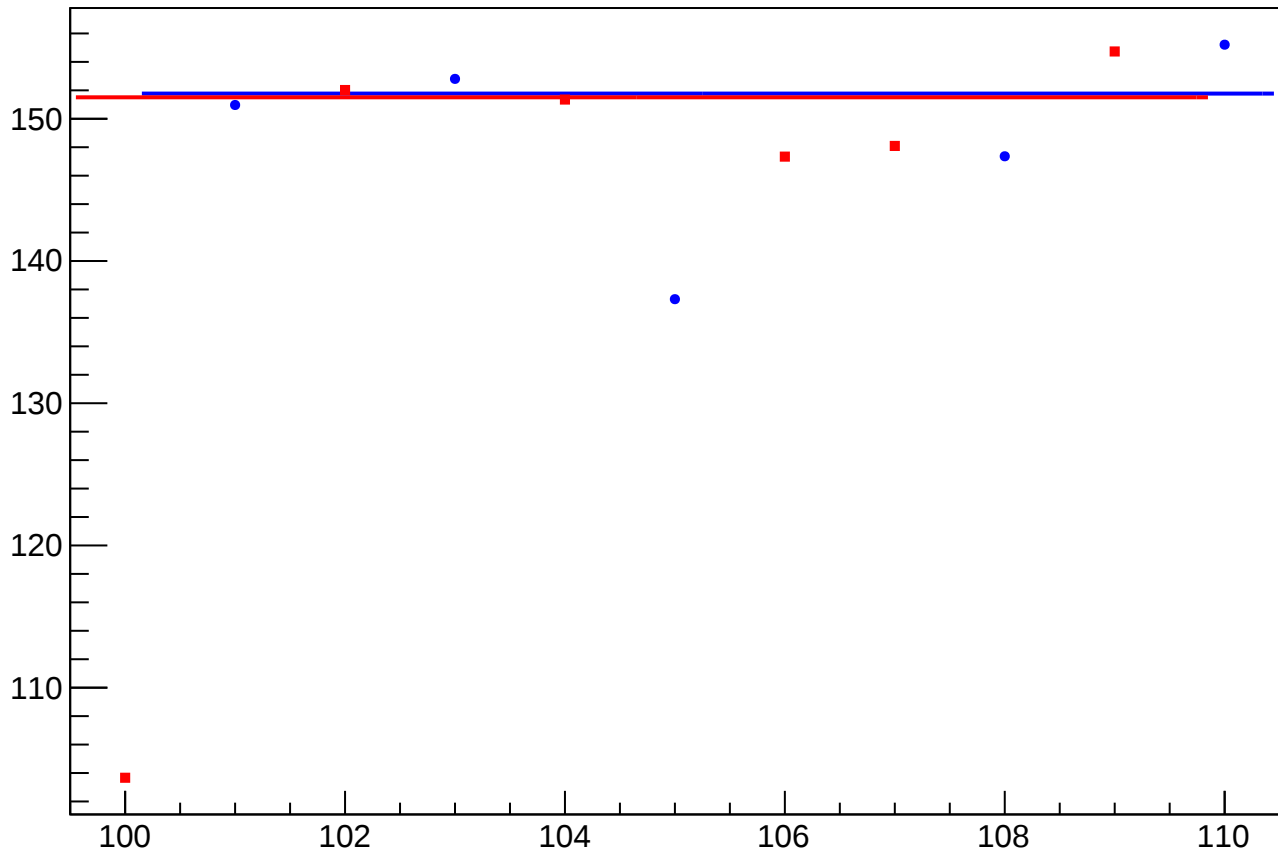
32.535+/-0.037 χ^2/NDF : 3017203.5/4

Right Out: 32.856+/-0.043 χ^2/NDF : 3445809.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.856+/-0.043 χ^2/NDF : 3445809.4/5

yield_bcm_an_ds_mean vs slug



Right In: 151.771+/-0.000 χ^2/NDF : 98485570.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

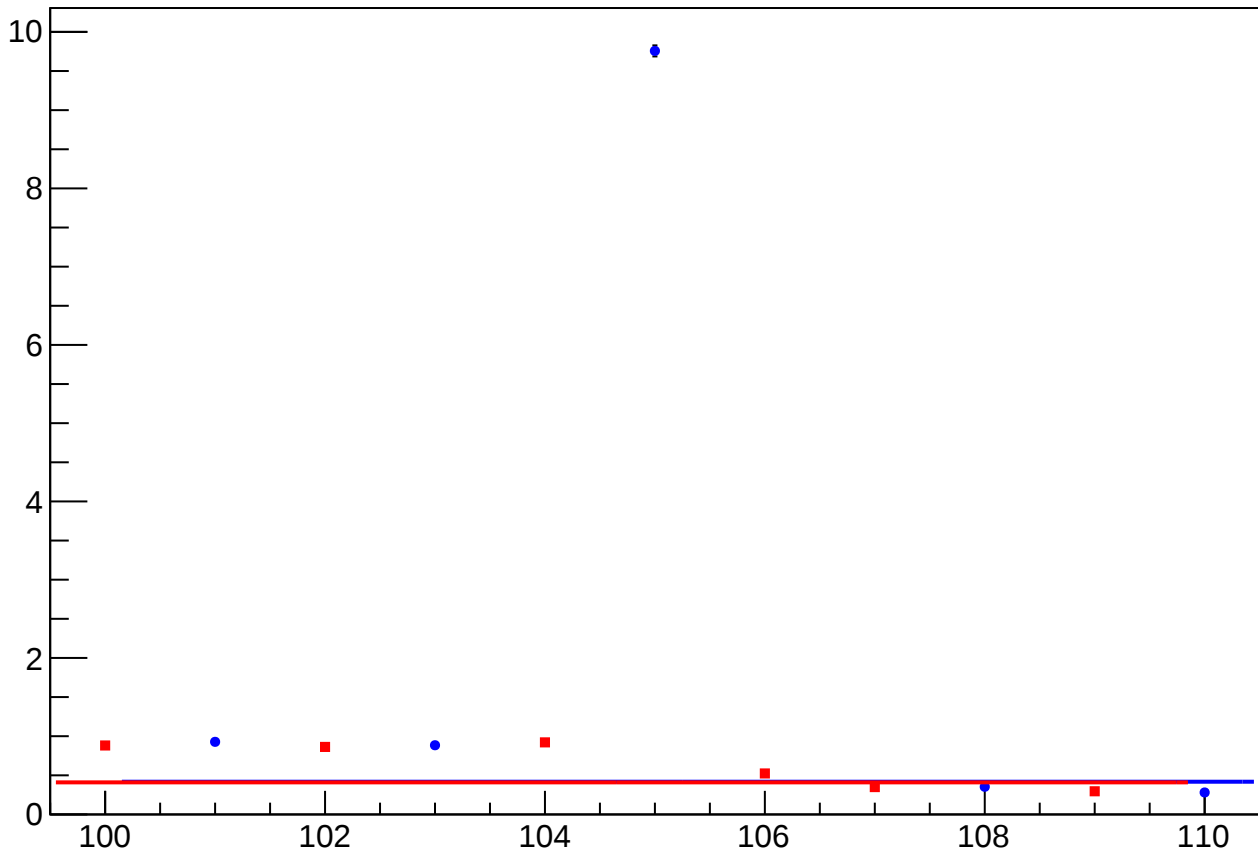
151.771+/-0.000 χ^2/NDF : 98485570.7/4

Right Out: 151.510+/-0.000 χ^2/NDF : 307727250.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

151.510+/-0.000 χ^2/NDF : 307727250.5/5

yield_bcm_an_ds_rms vs slug



Right In: 0.418+/-0.000 χ^2/NDF : 831679.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

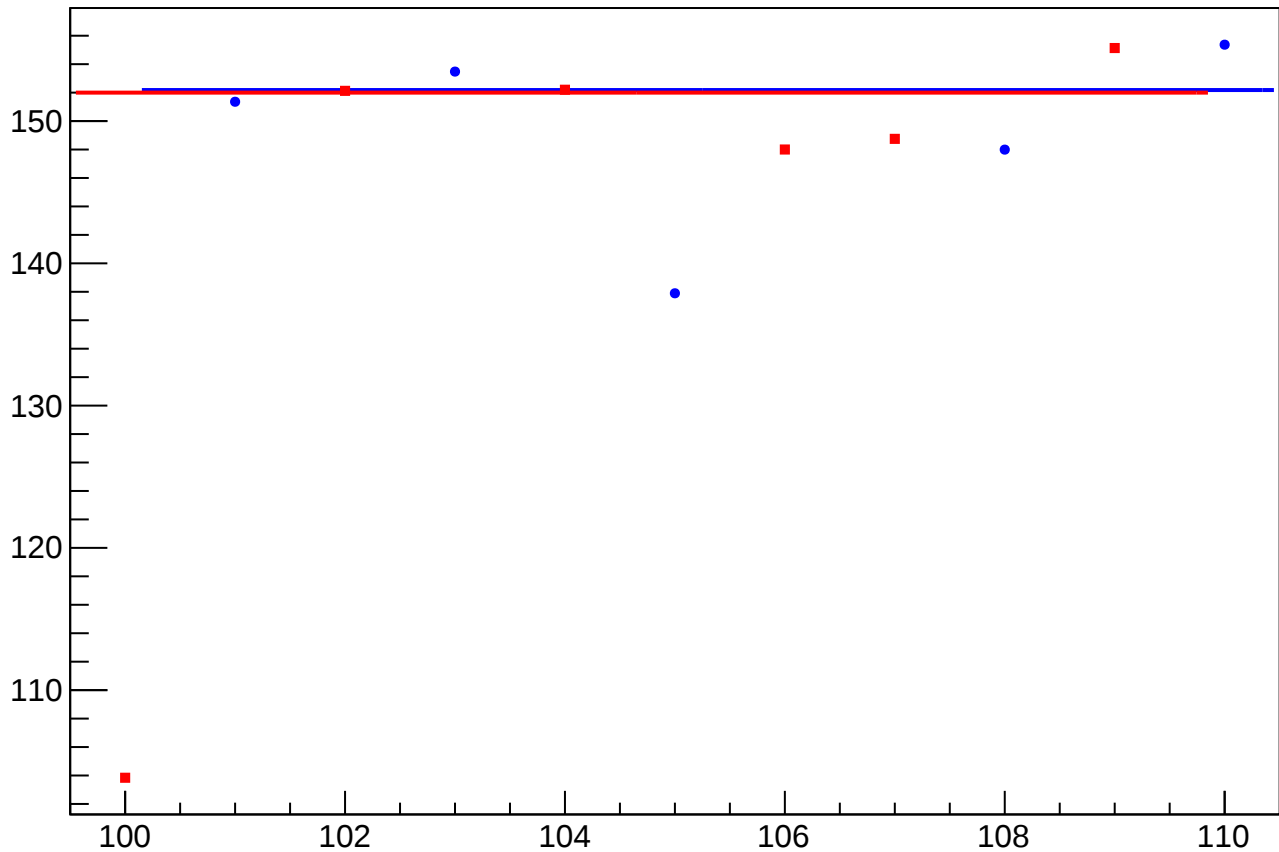
Right Out: 0.410+/-0.000 χ^2/NDF : 803868.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.418+/-0.000 χ^2/NDF : 831679.1/4

0.410+/-0.000 χ^2/NDF : 803868.6/5

yield_bcm_an_ds3_mean vs slug



Right In: 152.182+/-0.000 χ^2/NDF : 86076925.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

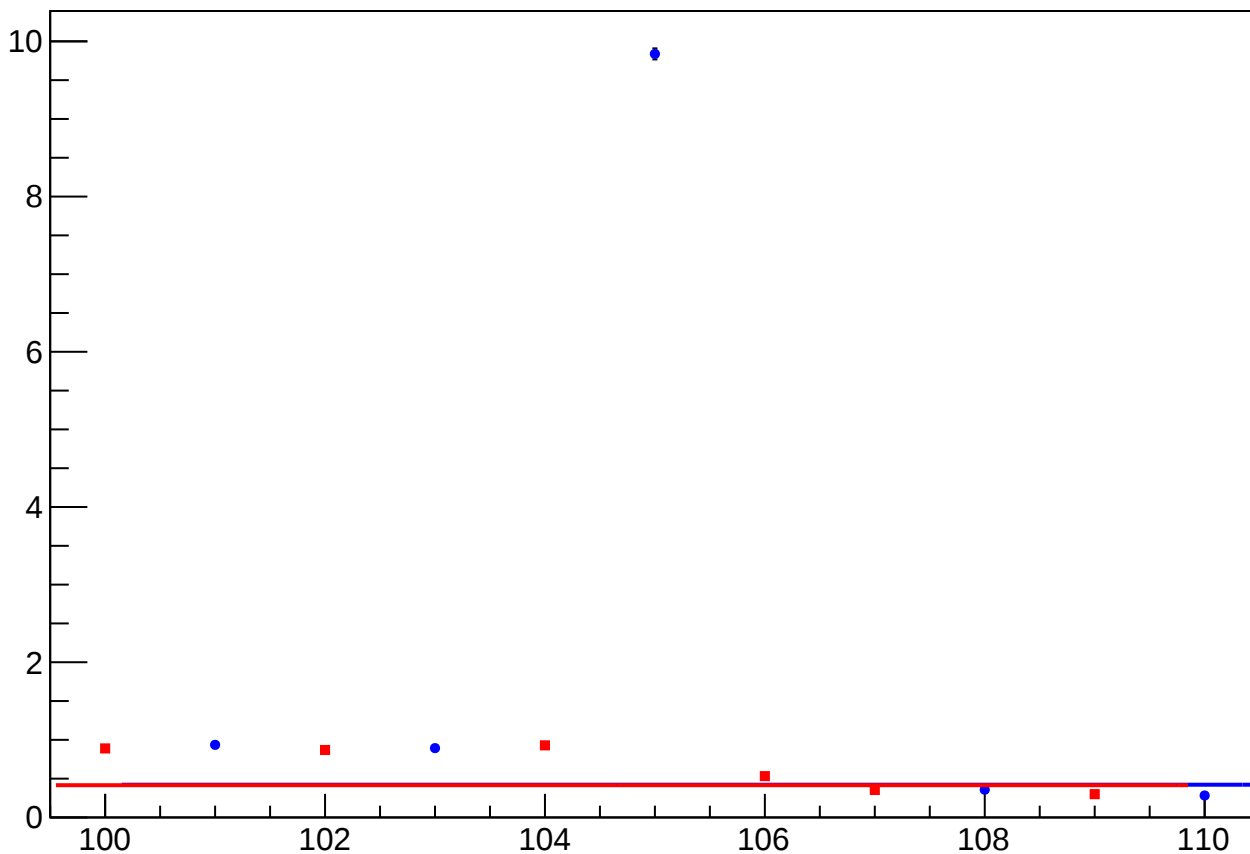
Right Out: 152.000+/-0.000 χ^2/NDF : 296810546.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

152.182+/-0.000 χ^2/NDF : 86076925.8/4

152.000+/-0.000 χ^2/NDF : 296810546.4/5

yield_bcm_an_ds3_rms vs slug



Right In: 0.422+/-0.000 χ^2/NDF : 833018.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

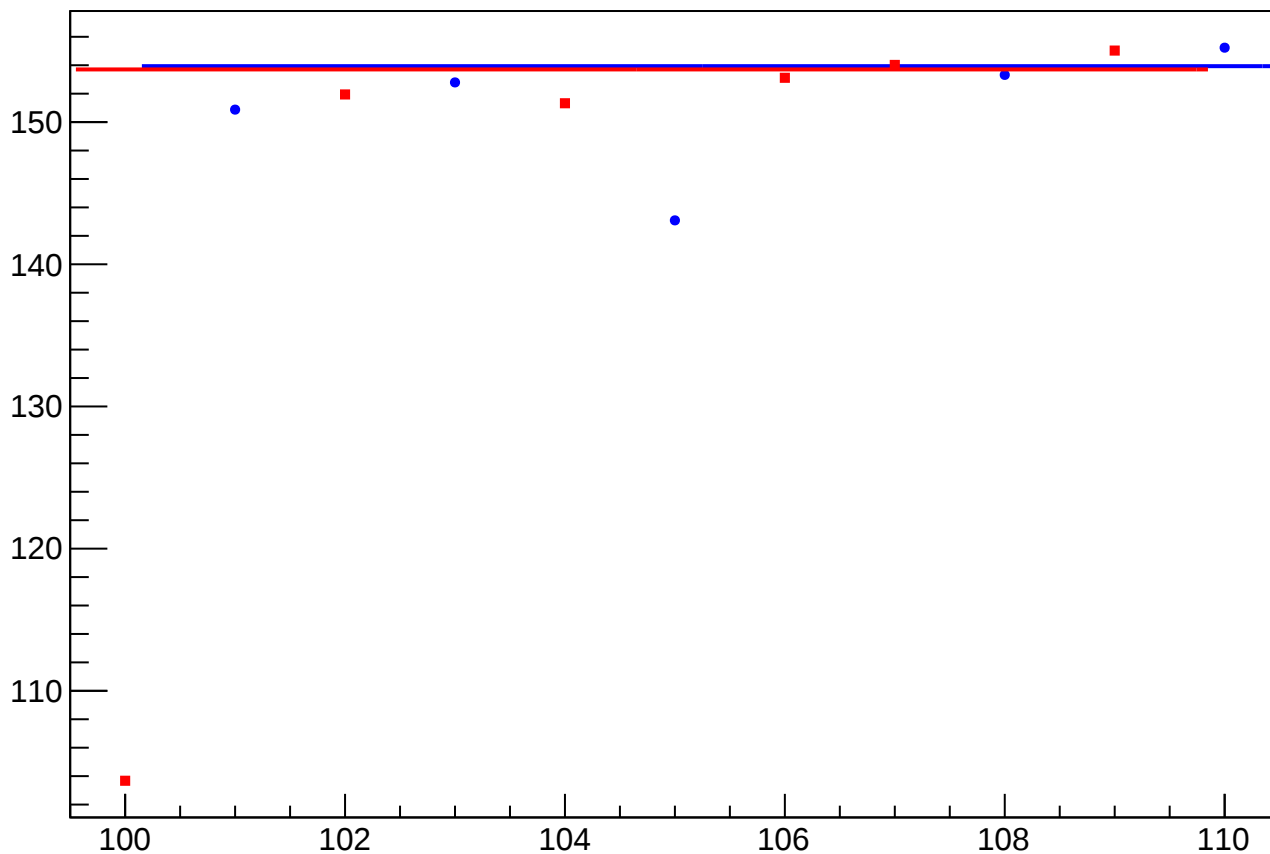
Right Out: 0.416+/-0.000 χ^2/NDF : 798480.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.422+/-0.000 χ^2/NDF : 833018.6/4

0.416+/-0.000 χ^2/NDF : 798480.0/5

yield_bcm_an_us_mean vs slug



Right In: 153.934+/-0.000 χ^2/NDF : 13952271.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

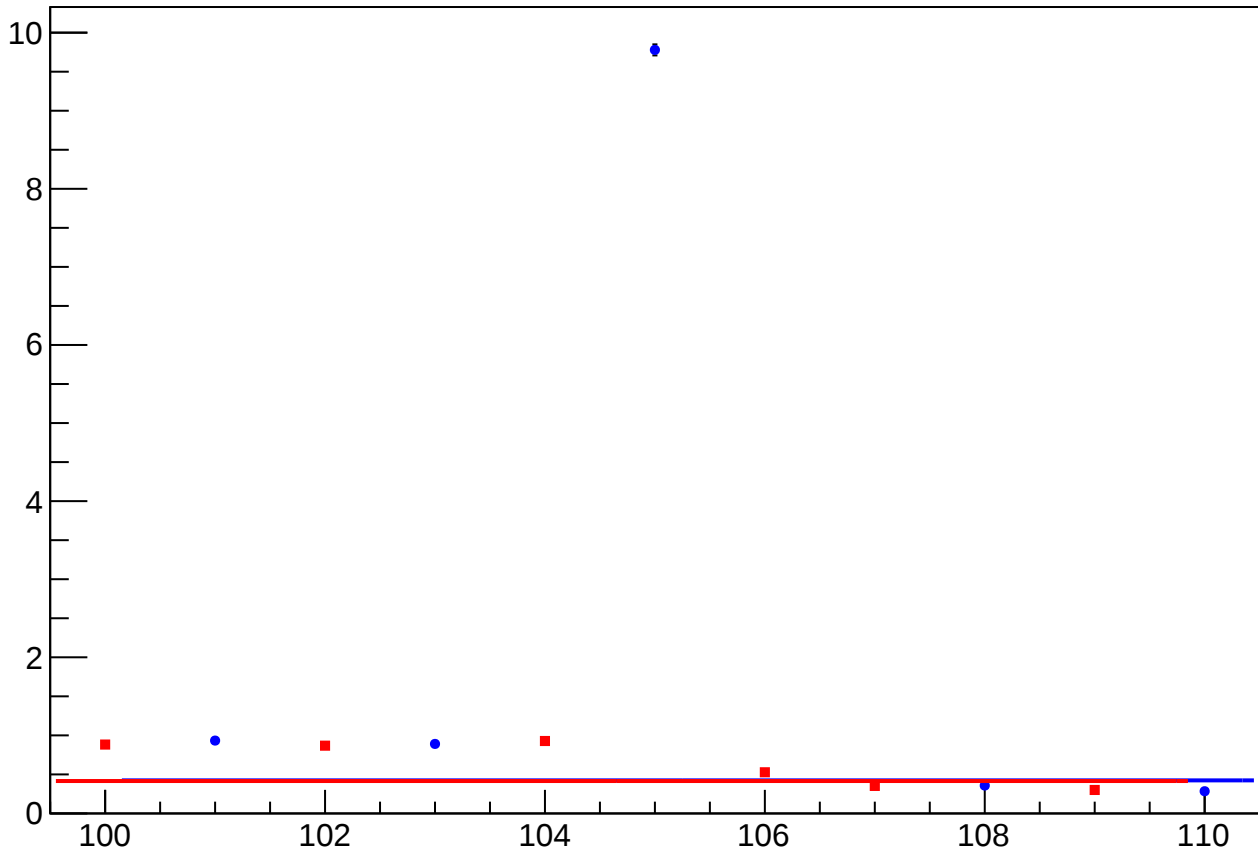
Right Out: 153.704+/-0.000 χ^2/NDF : 239676135.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

153.934+/-0.000 χ^2/NDF : 13952271.5/4

153.704+/-0.000 χ^2/NDF : 239676135.7/5

yield_bcm_an_us_rms vs slug



Right In: 0.424+/-0.000 χ^2/NDF : 824257.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

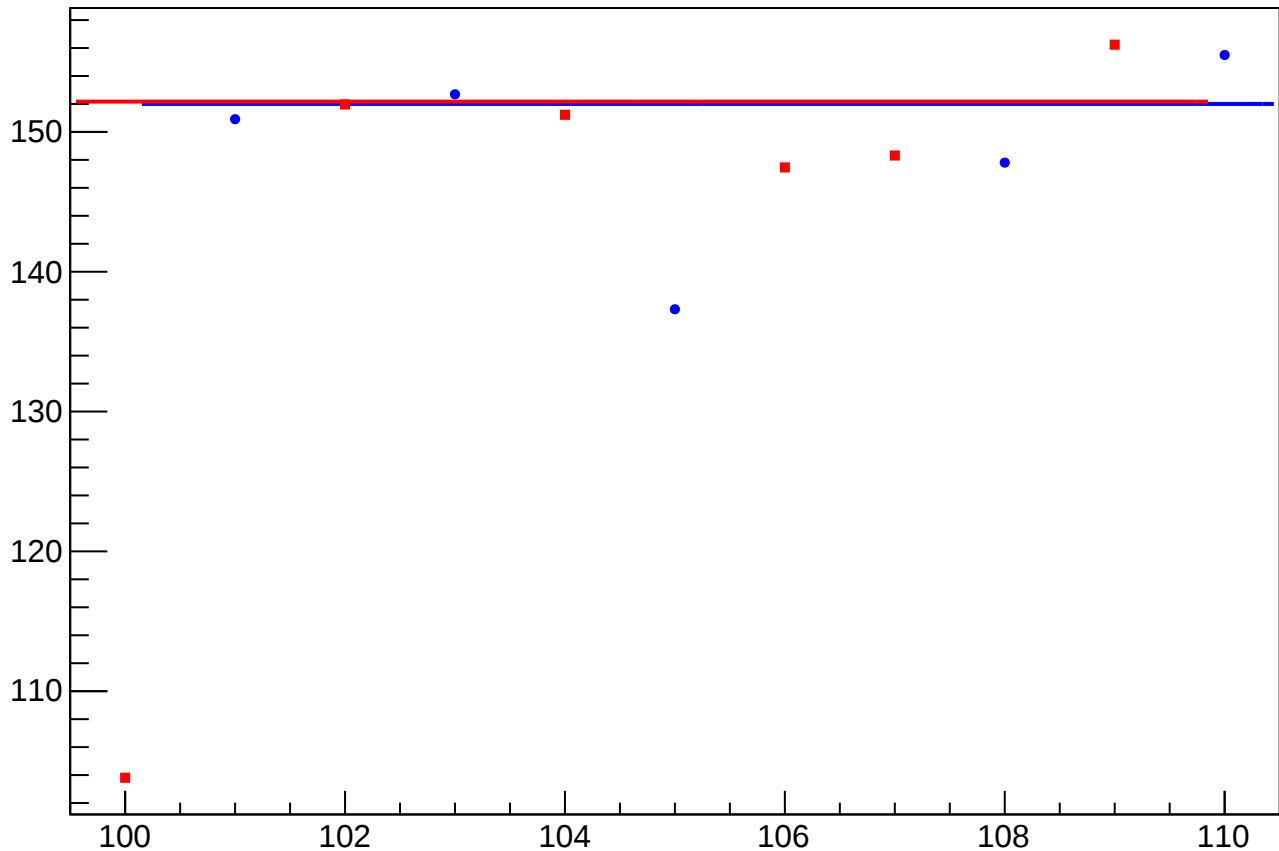
Right Out: 0.415+/-0.000 χ^2/NDF : 794274.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.424+/-0.000 χ^2/NDF : 824257.6/4

0.415+/-0.000 χ^2/NDF : 794274.3/5

yield_bcm_dg_us_mean vs slug



Right In: 152.001 $\pm$ 0.000 χ^2 /NDF: 91283825.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

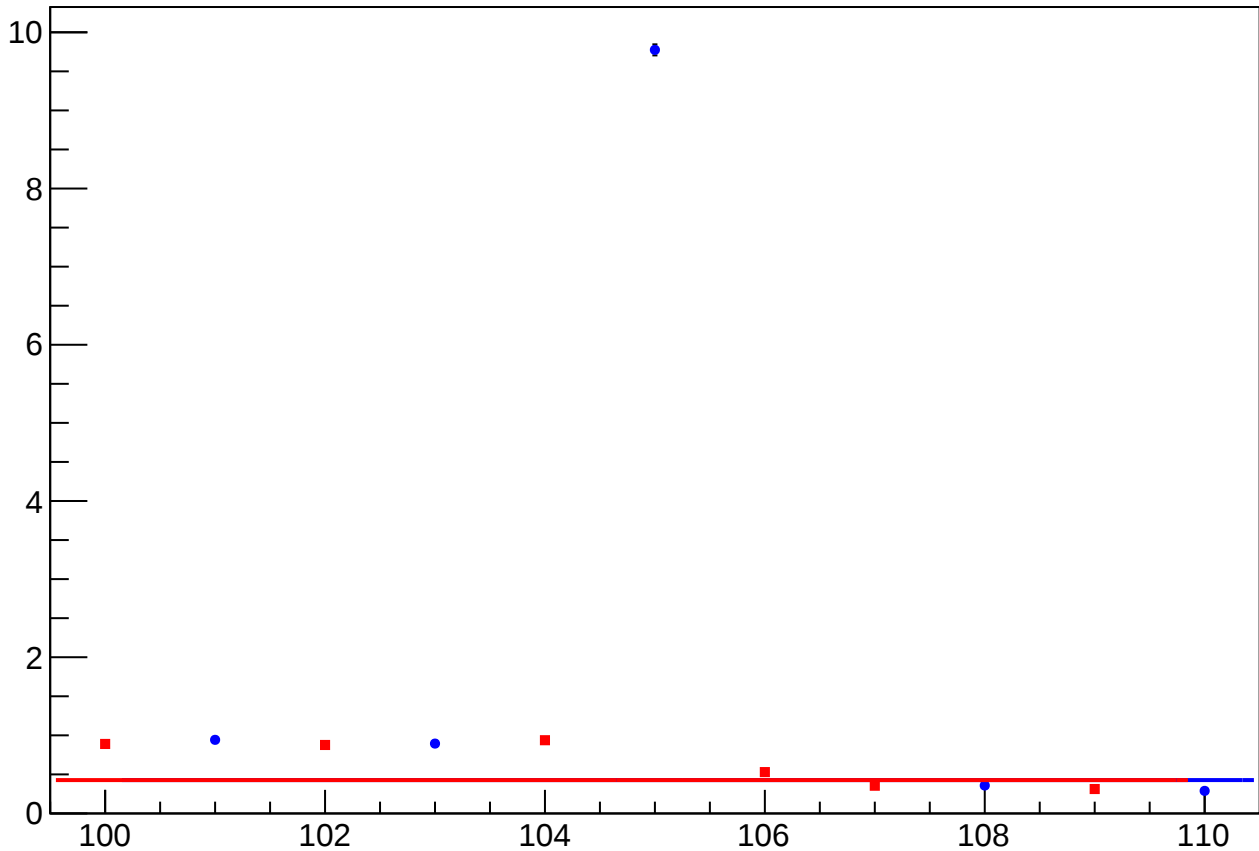
152.001 $\pm$ 0.000 χ^2 /NDF: 91283825.9/4

Right Out: 152.168 $\pm$ 0.000 χ^2 /NDF: 342639411.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

152.168 $\pm$ 0.000 χ^2 /NDF: 342639411.3/5

yield_bcm_dg_us_rms vs slug



Right In: 0.427+/-0.000 χ^2/NDF : 820213.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

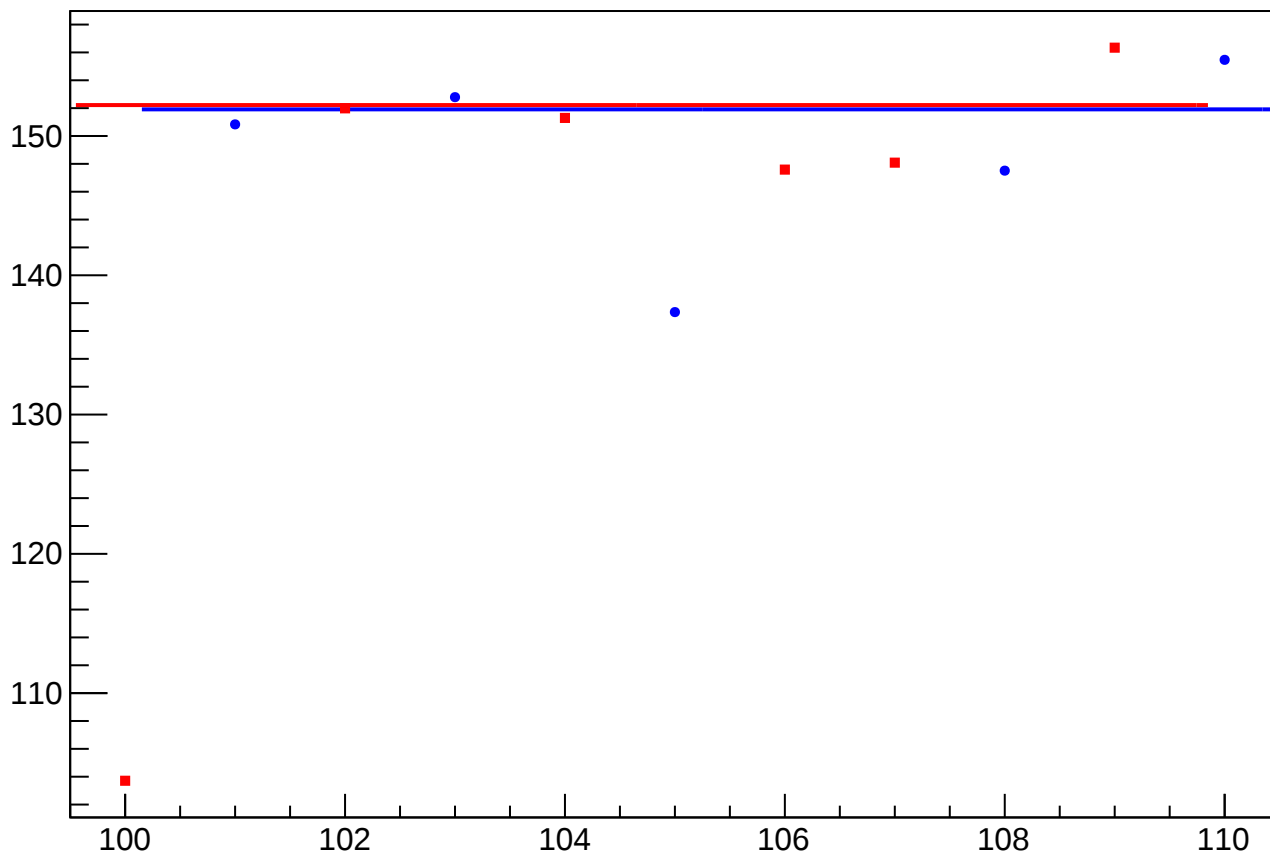
0.427+/-0.000 χ^2/NDF : 820213.5/4

Right Out: 0.427+/-0.000 χ^2/NDF : 766070.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.427+/-0.000 χ^2/NDF : 766070.8/5

yield_bcm_dg_ds_mean vs slug



Right In: 151.912 $\pm$ 0.000 χ^2 /NDF: 102316033.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

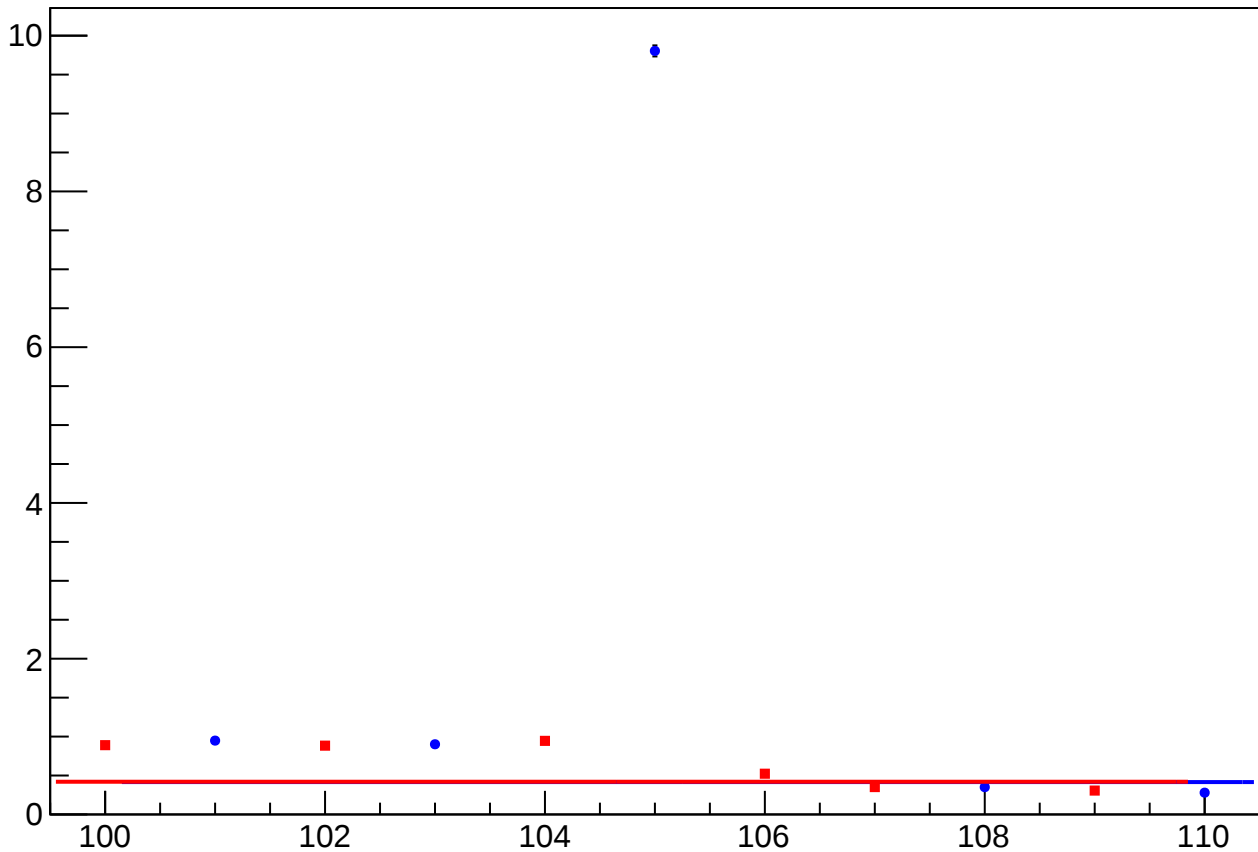
Right Out: 152.220 $\pm$ 0.000 χ^2 /NDF: 355408259.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

151.912 $\pm$ 0.000 χ^2 /NDF: 102316033.5/4

152.220 $\pm$ 0.000 χ^2 /NDF: 355408259.6/5

yield_bcm_dg_ds_rms vs slug



Right In: 0.416+/-0.000 χ^2/NDF : 859630.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

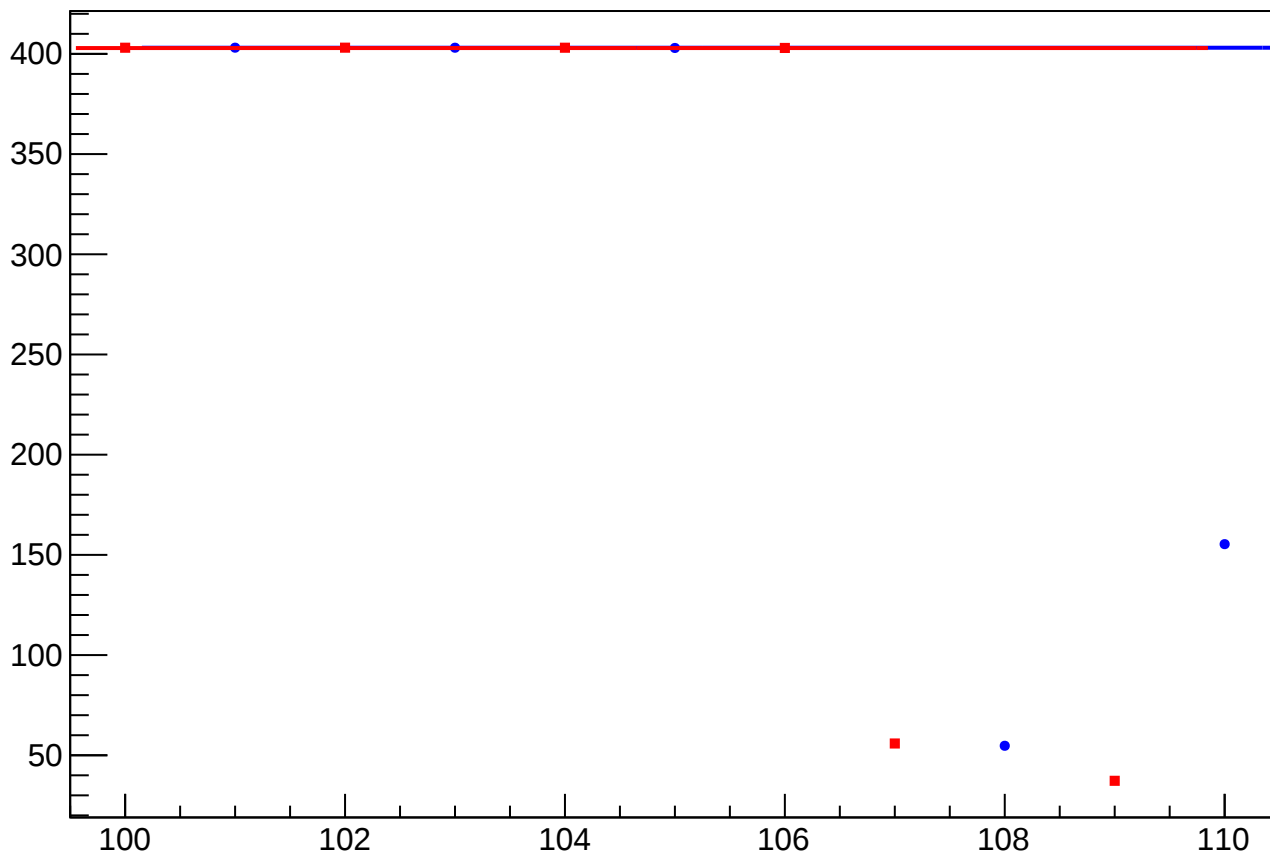
0.416+/-0.000 χ^2/NDF : 859630.0/4

Right Out: 0.420+/-0.000 χ^2/NDF : 793221.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.420+/-0.000 χ^2/NDF : 793221.9/5

yield_cav4bQ_mean vs slug



Right In: 403.072 $\pm$ 0.000 χ^2 /NDF: 163671126515.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

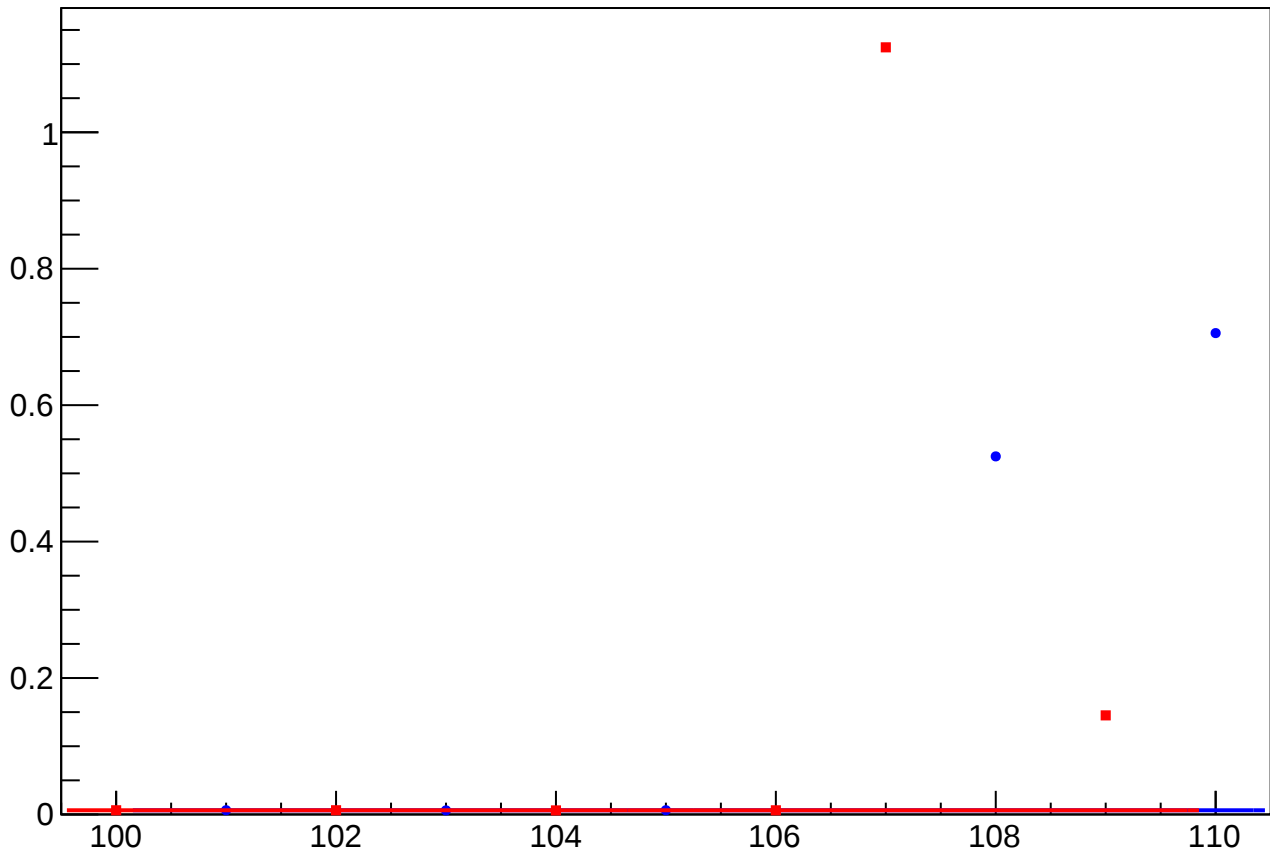
Right Out: 402.908 $\pm$ 0.000 χ^2 /NDF: 2091714033205.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

403.072 $\pm$ 0.000 χ^2 /NDF: 163671126515.1/4

402.908 $\pm$ 0.000 χ^2 /NDF: 2091714033205.8/5

yield_cav4bQ_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 1156735.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

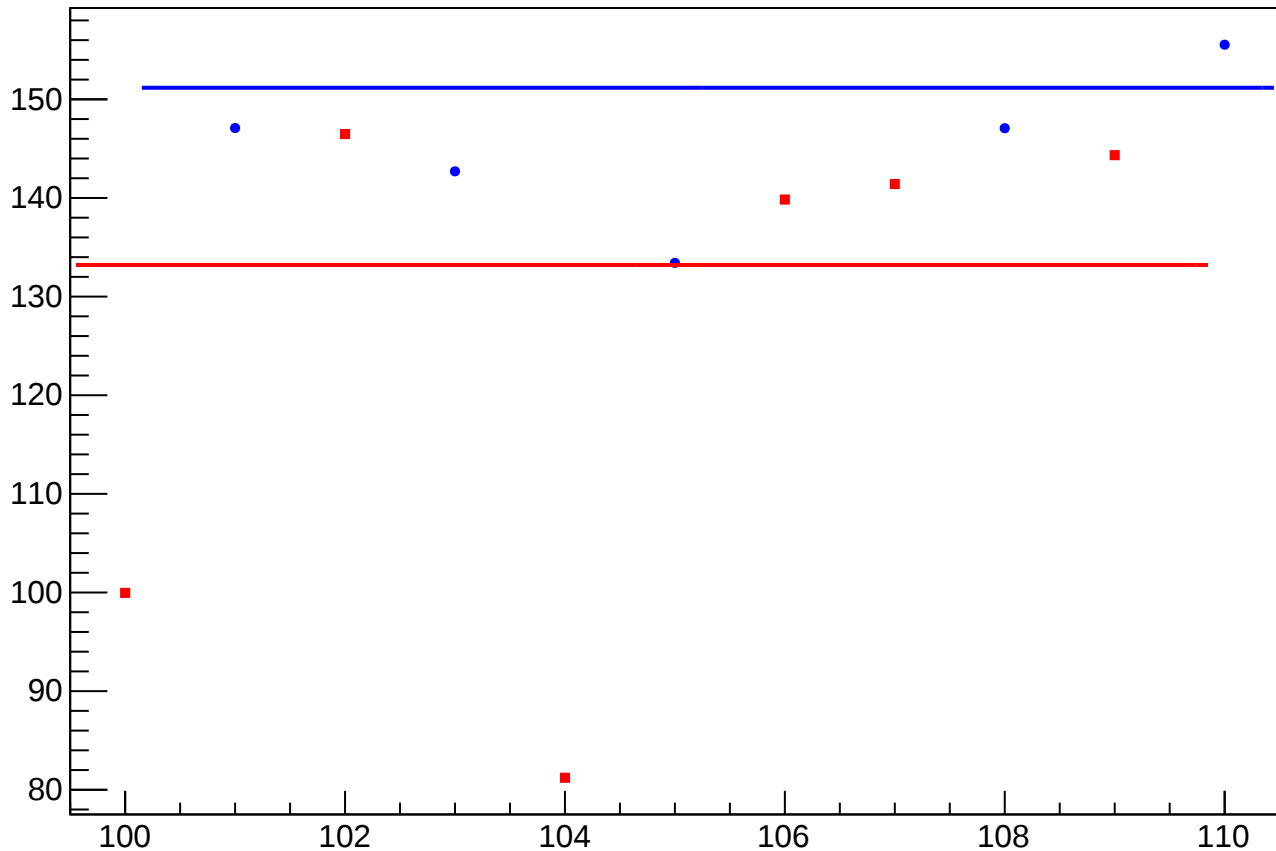
0.006+/-0.000 χ^2/NDF : 1156735.7/4

Right Out: 0.006+/-0.000 χ^2/NDF : 1075163.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1075163.0/5

yield_cav4cQ_mean vs slug



Right In: 151.173+/-0.002 χ^2/NDF : 6560582.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

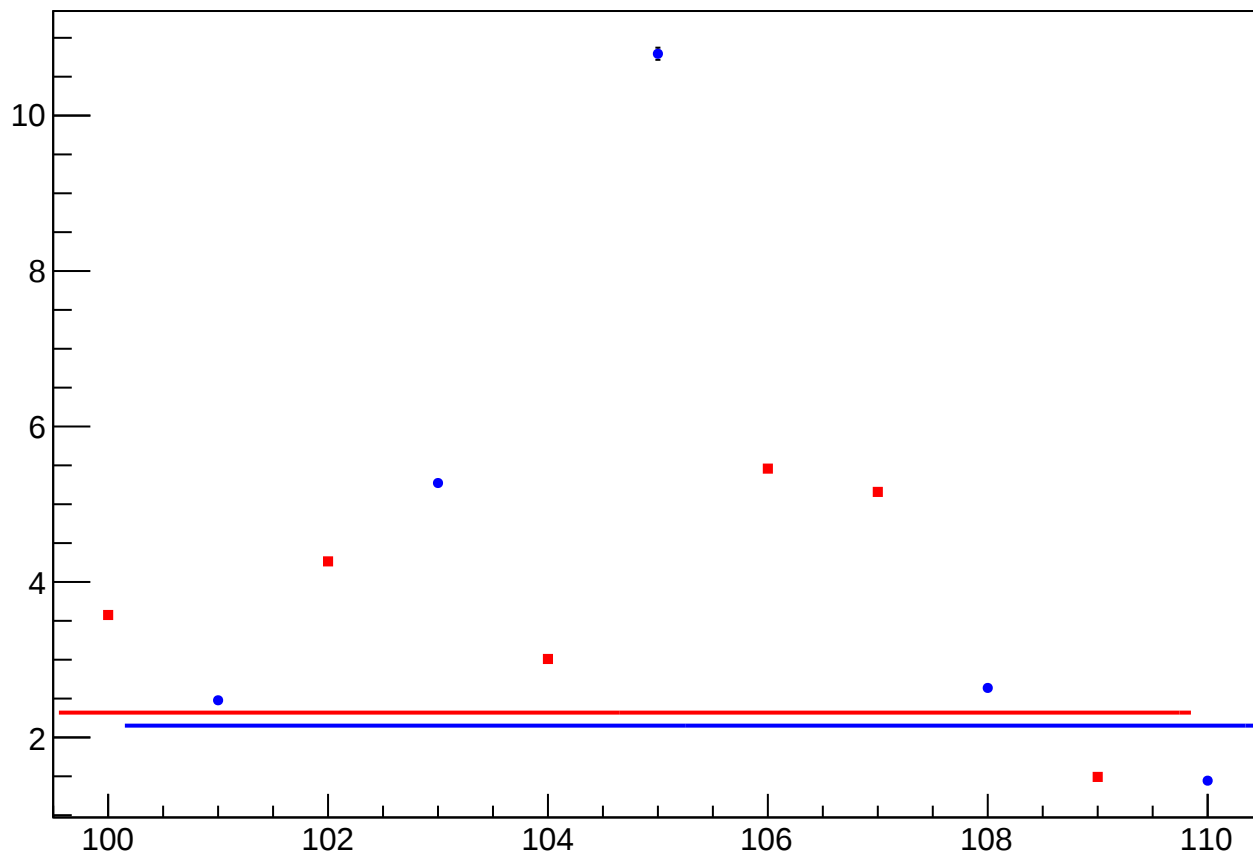
151.173+/-0.002 χ^2/NDF : 6560582.5/4

Right Out: 133.204+/-0.002 χ^2/NDF : 164838574.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

133.204+/-0.002 χ^2/NDF : 164838574.9/5

yield_cav4cQ_rms vs slug



Right In: 2.152+/-0.001 χ^2/NDF : 598067.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

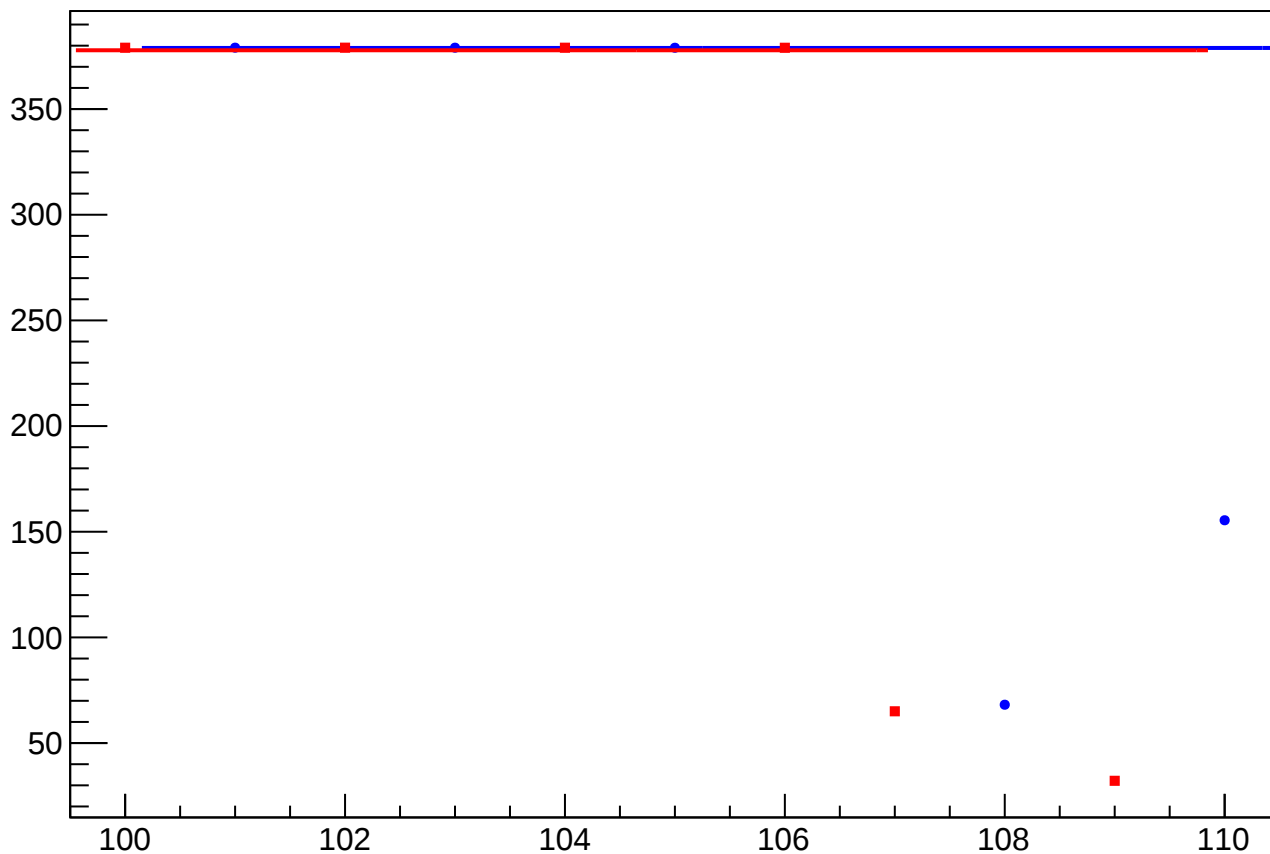
Right Out: 2.319+/-0.001 χ^2/NDF : 914720.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.152+/-0.001 χ^2/NDF : 598067.2/4

2.319+/-0.001 χ^2/NDF : 914720.7/5

yield_cav4dQ_mean vs slug



Right In: 378.921+/-0.000 χ^2/NDF : 510516121988.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

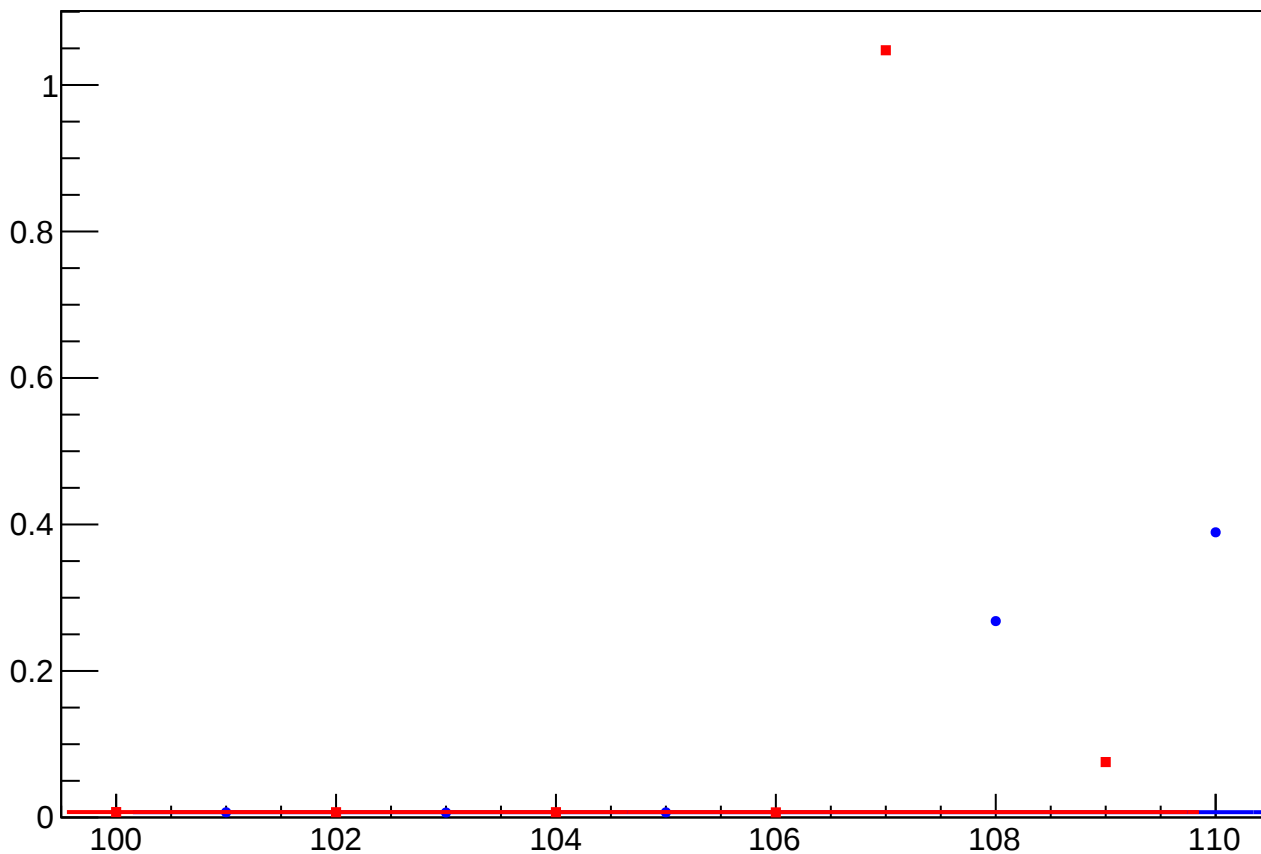
378.921+/-0.000 χ^2/NDF : 510516121988.5/4

Right Out: 377.826+/-0.000 χ^2/NDF : 6370120494636.0/5

377.826+/-0.000 χ^2/NDF : 6370120494636.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 1166355.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

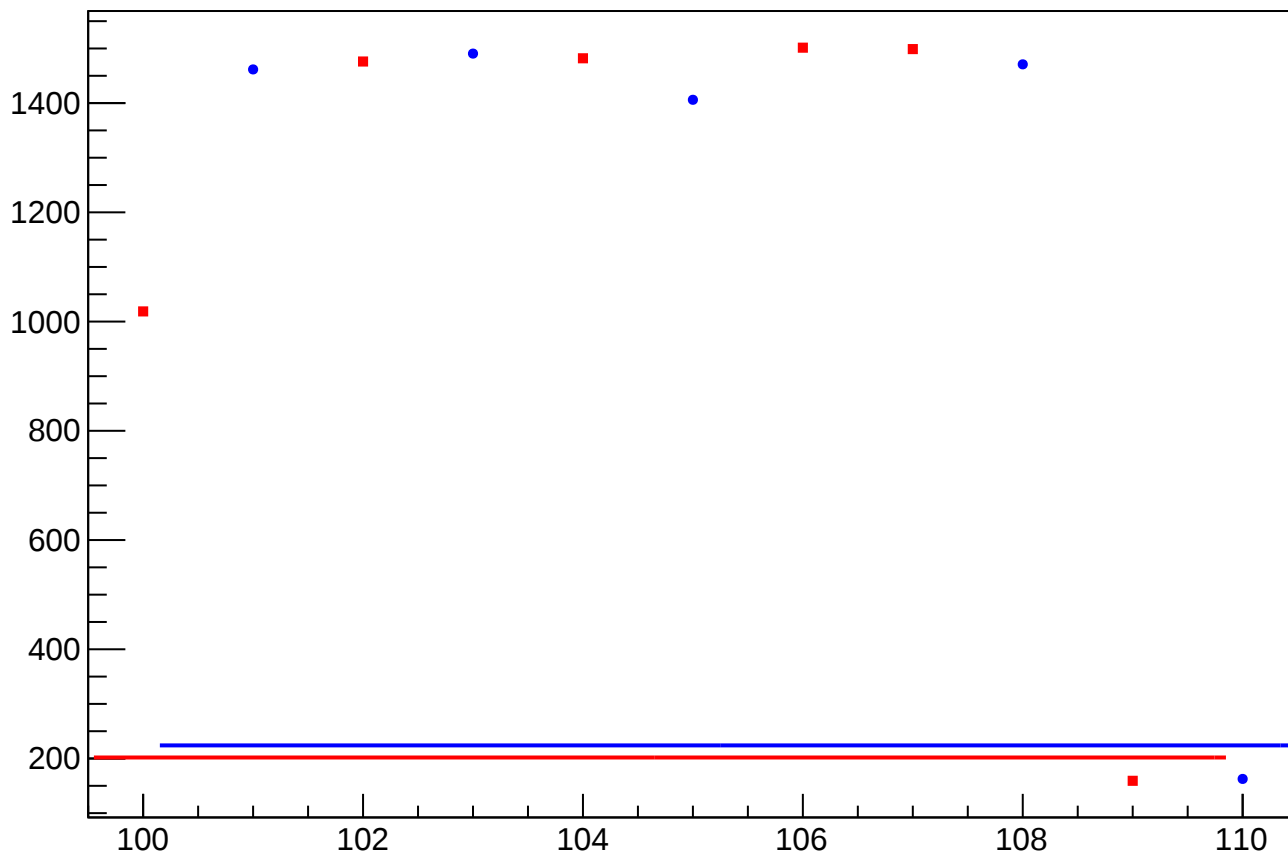
Right Out: 0.007+/-0.000 χ^2/NDF : 994101.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 1166355.5/4

0.007+/-0.000 χ^2/NDF : 994101.9/5

yield_bcm0l02_mean vs slug



Right In: 224.013+/-0.002 χ^2/NDF : 22263380968.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

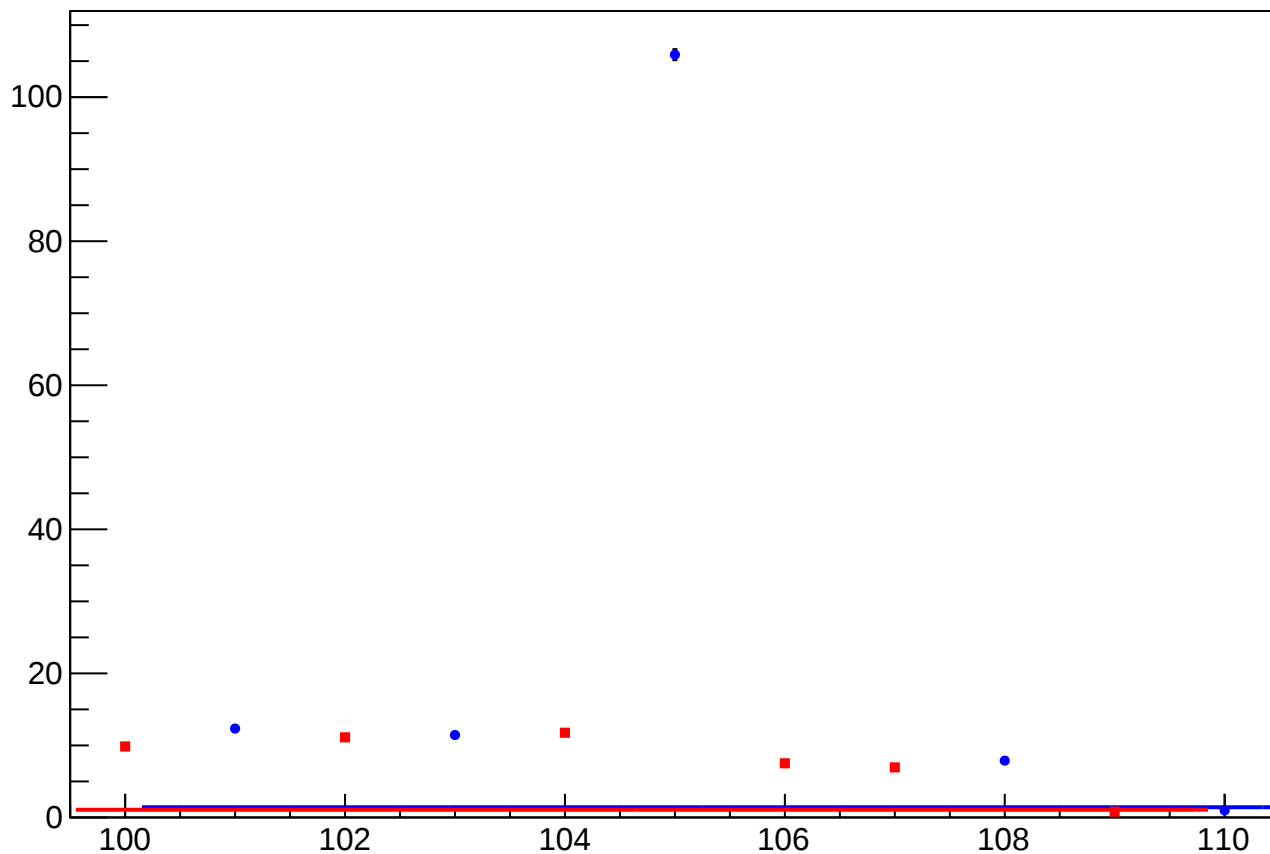
Right Out: 201.868+/-0.001 χ^2/NDF : 31568157246.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

224.013+/-0.002 χ^2/NDF : 22263380968.6/4

201.868+/-0.001 χ^2/NDF : 31568157246.7/5

yield_bcm0l02_rms vs slug



Right In: 1.417+/-0.001 χ^2/NDF : 2315901.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

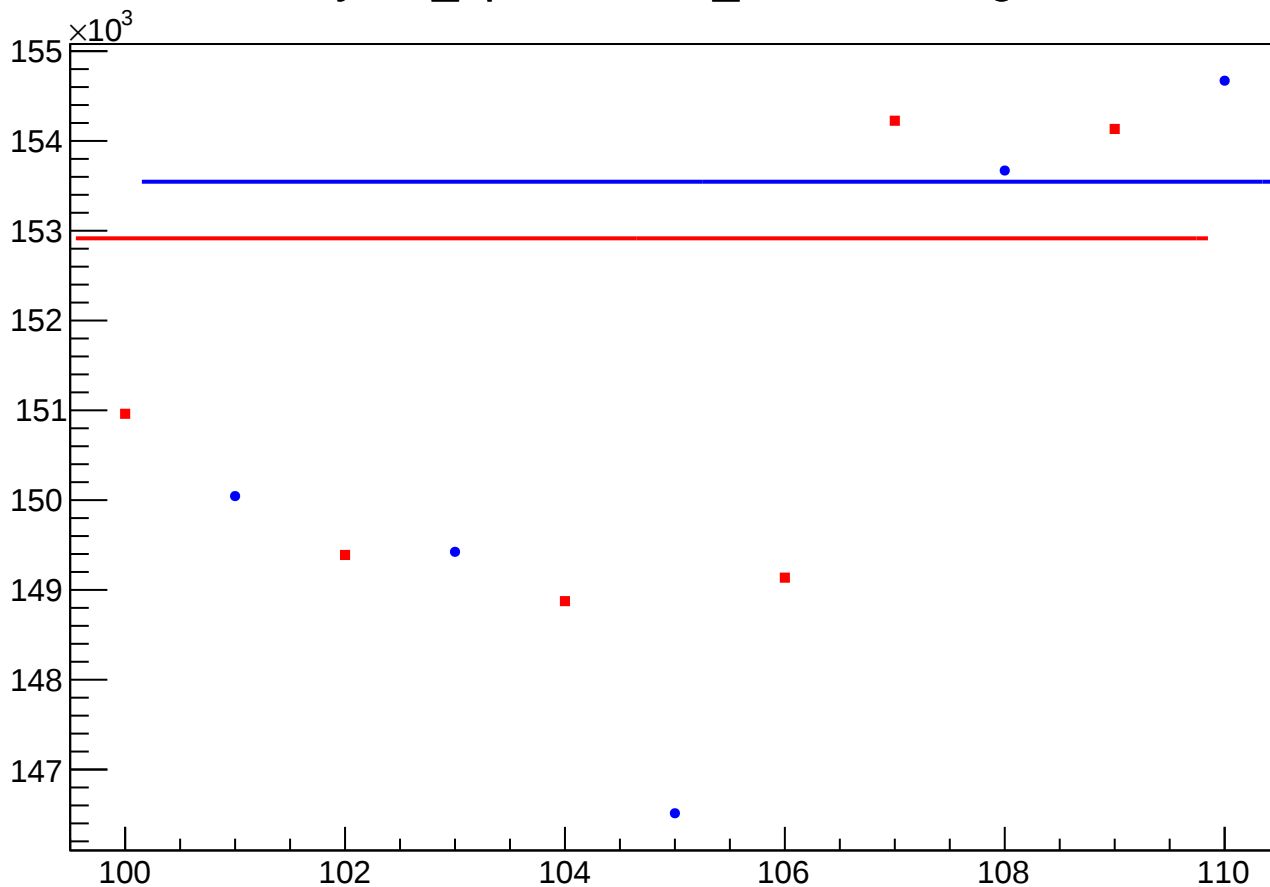
Right Out: 1.070+/-0.001 χ^2/NDF : 2591366.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.417+/-0.001 χ^2/NDF : 2315901.4/4

1.070+/-0.001 χ^2/NDF : 2591366.3/5

yield_bpm0i01WS_mean vs slug



Right In: 153545.889 $\pm$ 0.145 χ^2 /NDF: 135762602.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

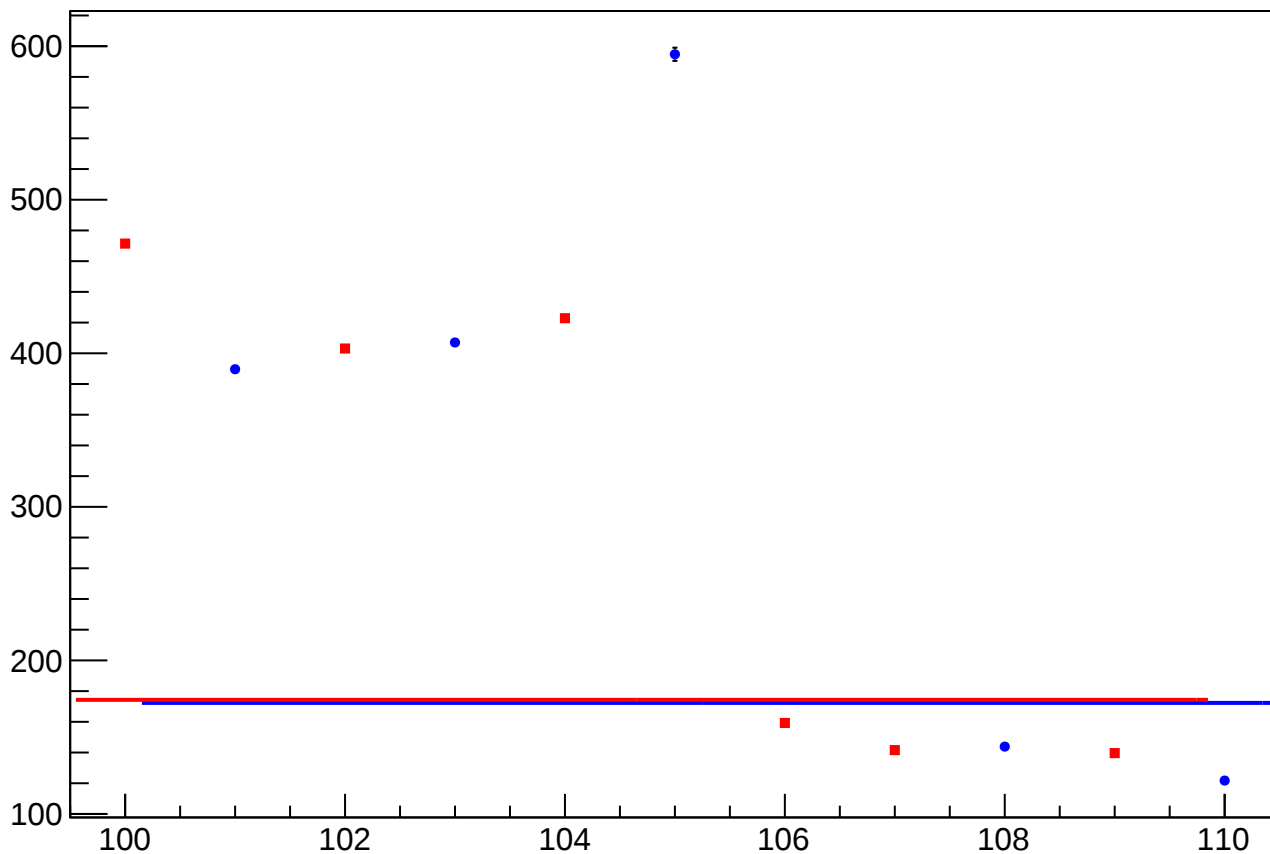
Right Out: 152915.413 $\pm$ 0.133 χ^2 /NDF: 265425808.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

153545.889 $\pm$ 0.145 χ^2 /NDF: 135762602.2/4

152915.413 $\pm$ 0.133 χ^2 /NDF: 265425808.9/5

yield_bpm0i01WS_rms vs slug



Right In: 172.327+/-0.102 χ^2/NDF : 895878.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

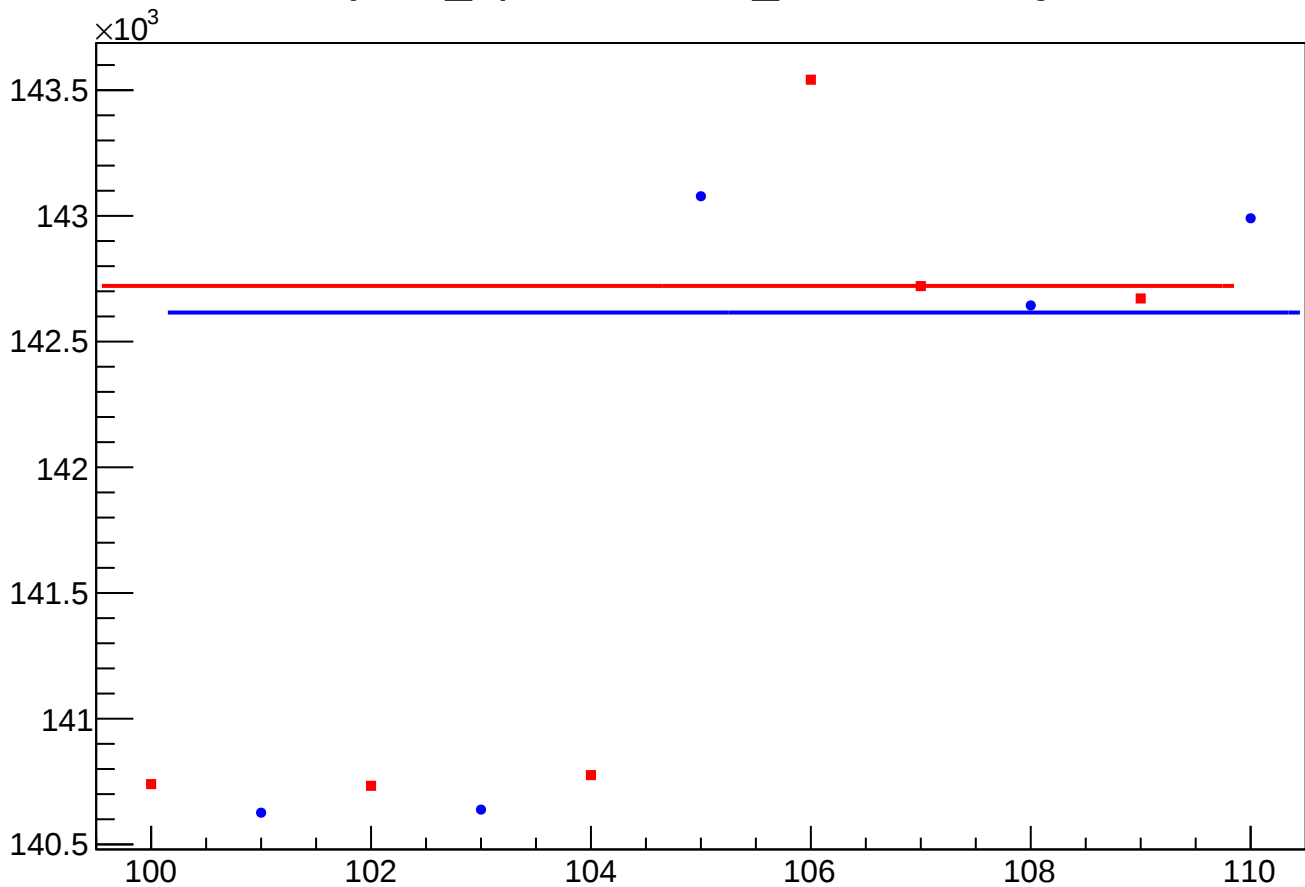
Right Out: 174.325+/-0.094 χ^2/NDF : 847398.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

172.327+/-0.102 χ^2/NDF : 895878.4/4

174.325+/-0.094 χ^2/NDF : 847398.5/5

yield_bpm0i01aWS_mean vs slug



Right In: 142615.530 $\pm$ 0.112 χ^2 /NDF: 39198957.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

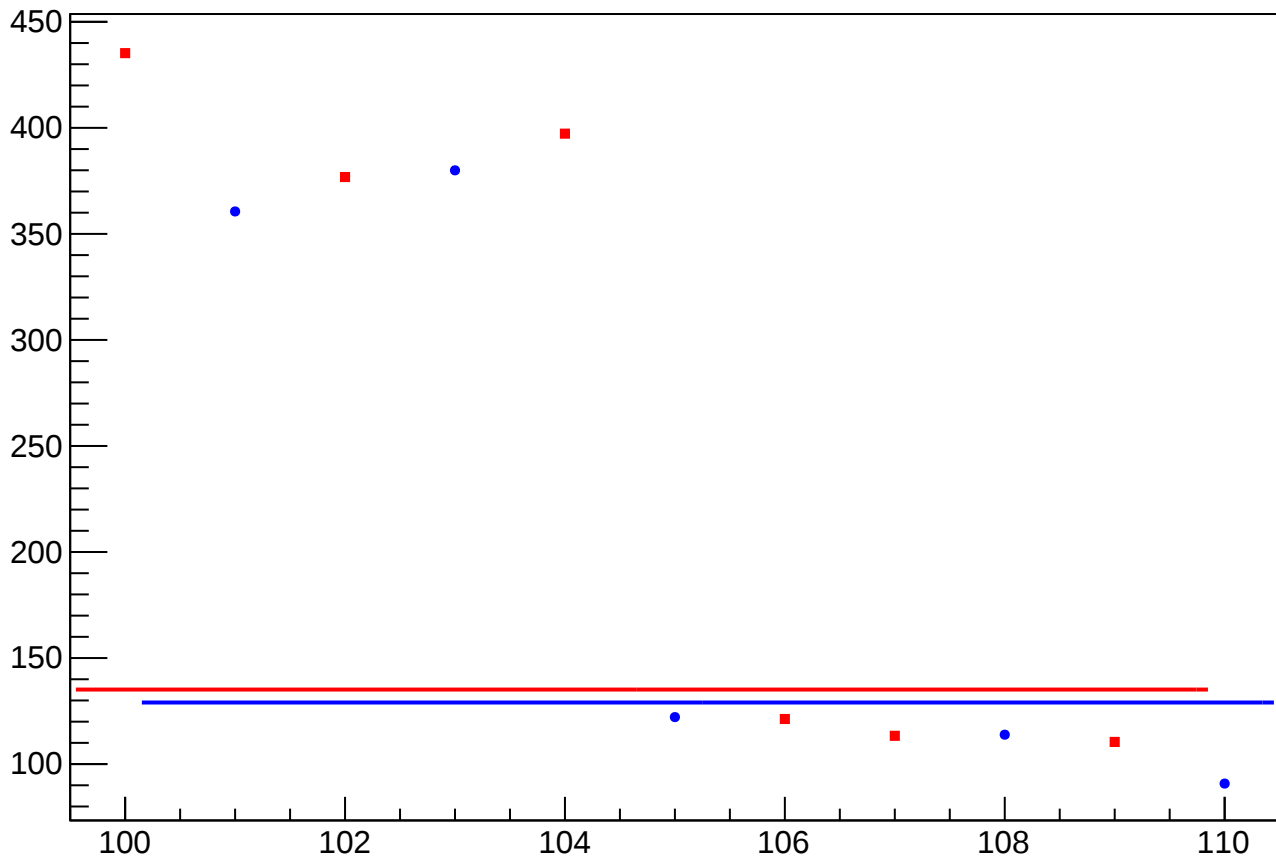
142615.530 $\pm$ 0.112 χ^2 /NDF: 39198957.3/4

Right Out: 142721.439 $\pm$ 0.103 χ^2 /NDF: 42020010.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

142721.439 $\pm$ 0.103 χ^2 /NDF: 42020010.2/5

yield_bpm0i01aWS_rms vs slug



Right In: 129.034+/-0.079 χ^2/NDF : 1112249.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

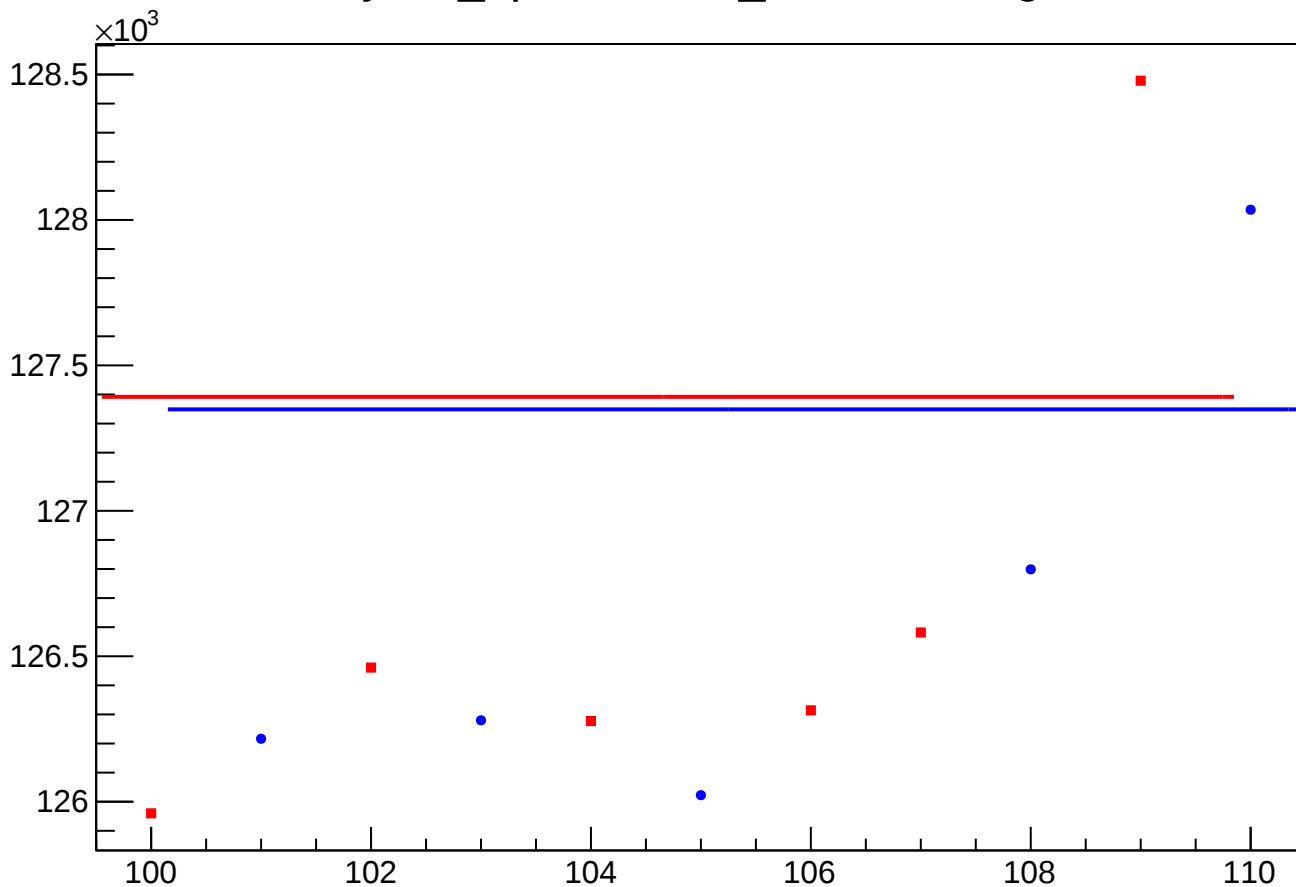
129.034+/-0.079 χ^2/NDF : 1112249.1/4

Right Out: 135.141+/-0.073 χ^2/NDF : 1025887.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.141+/-0.073 χ^2/NDF : 1025887.6/5

yield_bpm0l01WS_mean vs slug



Right In: 127348.828 $\pm$ 0.128 χ^2 /NDF: 35351902.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

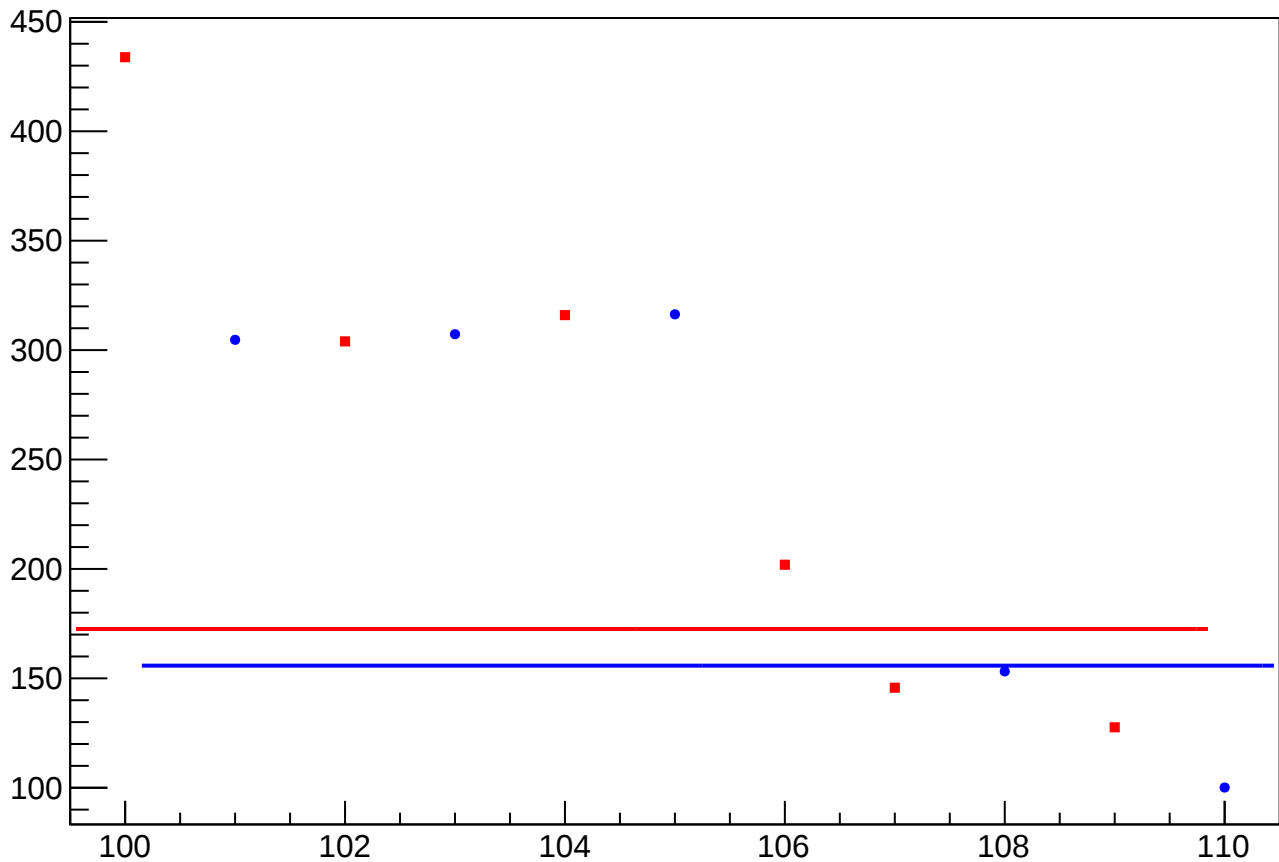
Right Out: 127391.919 $\pm$ 0.125 χ^2 /NDF: 64876178.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127348.828 $\pm$ 0.128 χ^2 /NDF: 35351902.2/4

127391.919 $\pm$ 0.125 χ^2 /NDF: 64876178.0/5

yield_bpm0l01WS_rms vs slug



Right In: 155.802 $\pm$ 0.090 χ^2 /NDF: 763410.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

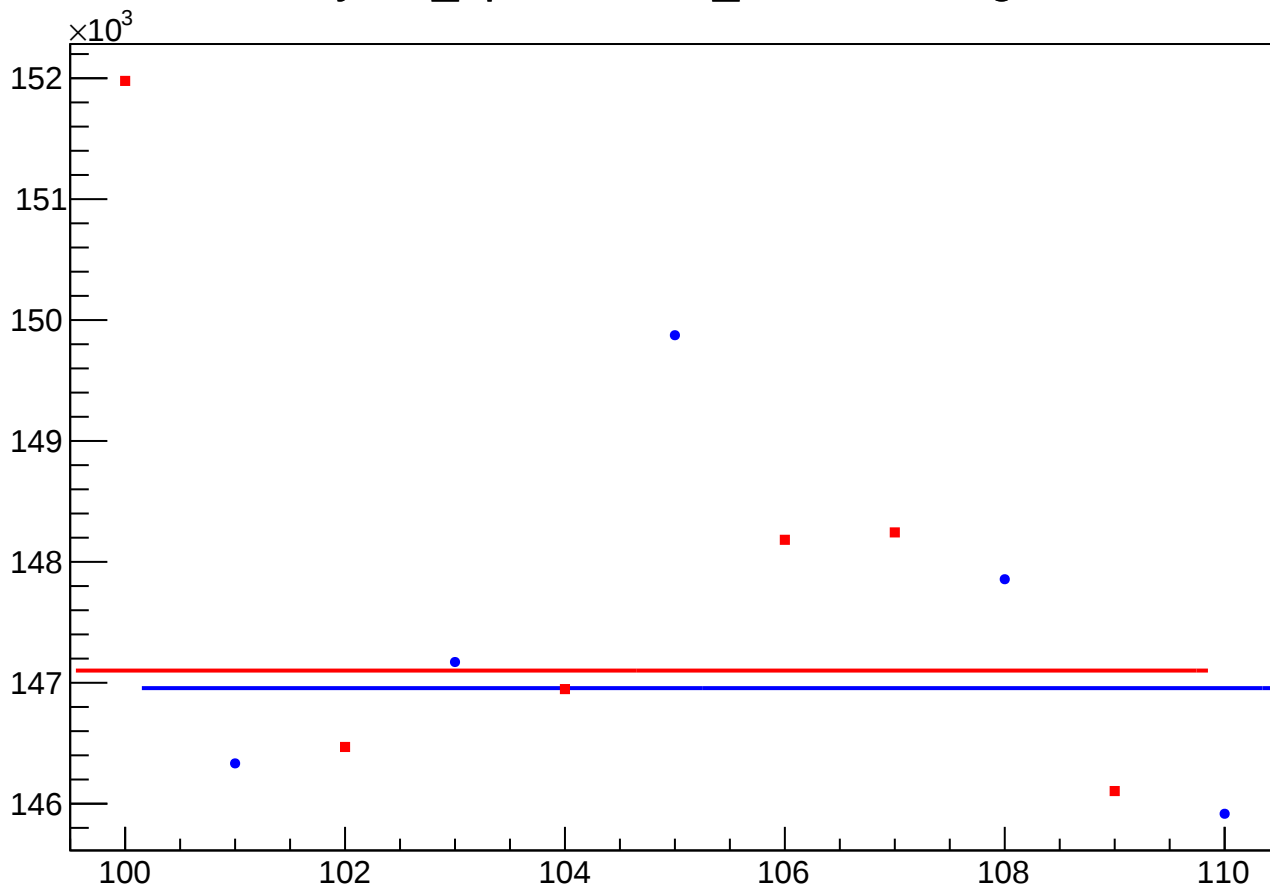
155.802 $\pm$ 0.090 χ^2 /NDF: 763410.8/4

Right Out: 172.552 $\pm$ 0.089 χ^2 /NDF: 610579.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

172.552 $\pm$ 0.089 χ^2 /NDF: 610579.4/5

yield_bpm0l02WS_mean vs slug



Right In: 146955.844 $\pm$ 0.191 χ^2 /NDF: 20997185.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

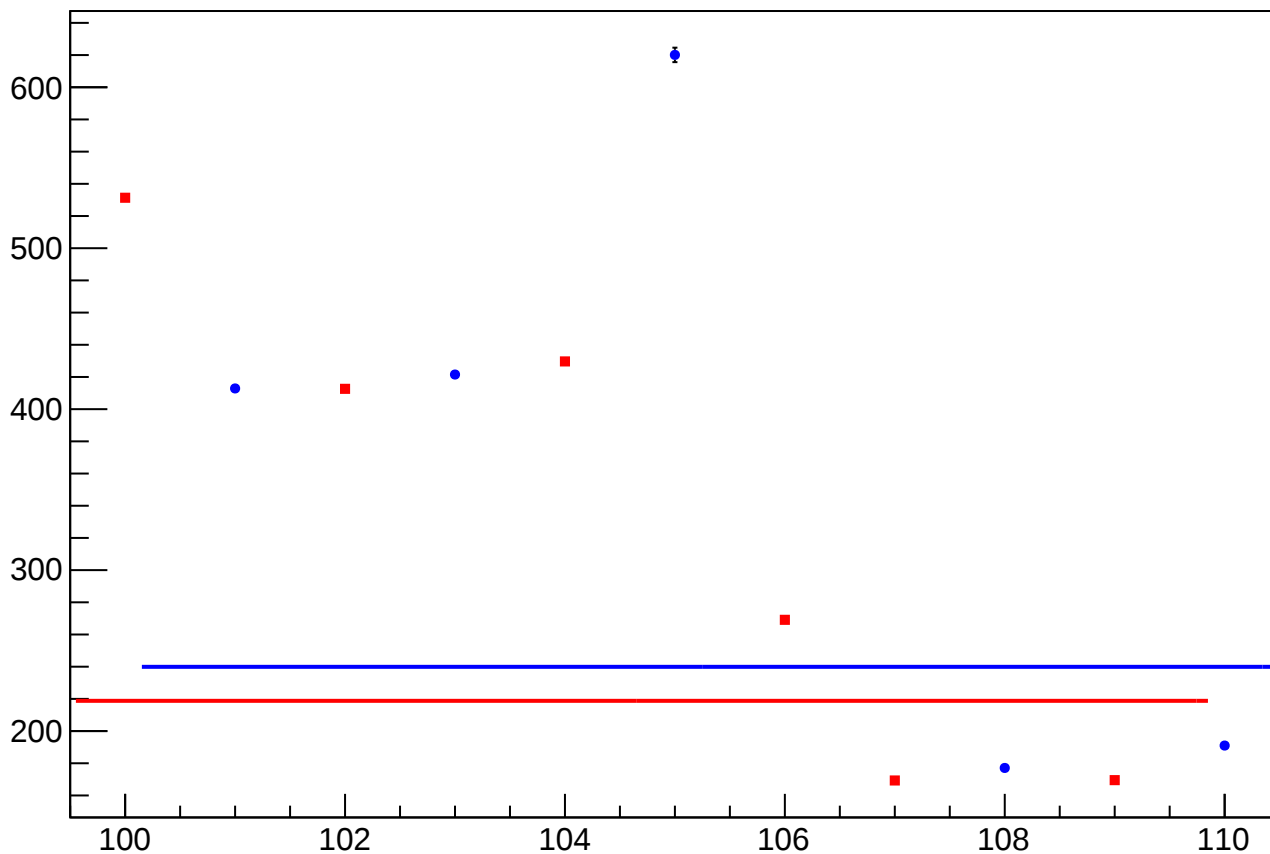
Right Out: 147101.046 $\pm$ 0.162 χ^2 /NDF: 43449398.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

146955.844 $\pm$ 0.191 χ^2 /NDF: 20997185.4/4

147101.046 $\pm$ 0.162 χ^2 /NDF: 43449398.8/5

yield_bpm0l02WS_rms vs slug



Right In: 239.920 $\pm$ 0.135 χ^2 /NDF: 560033.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

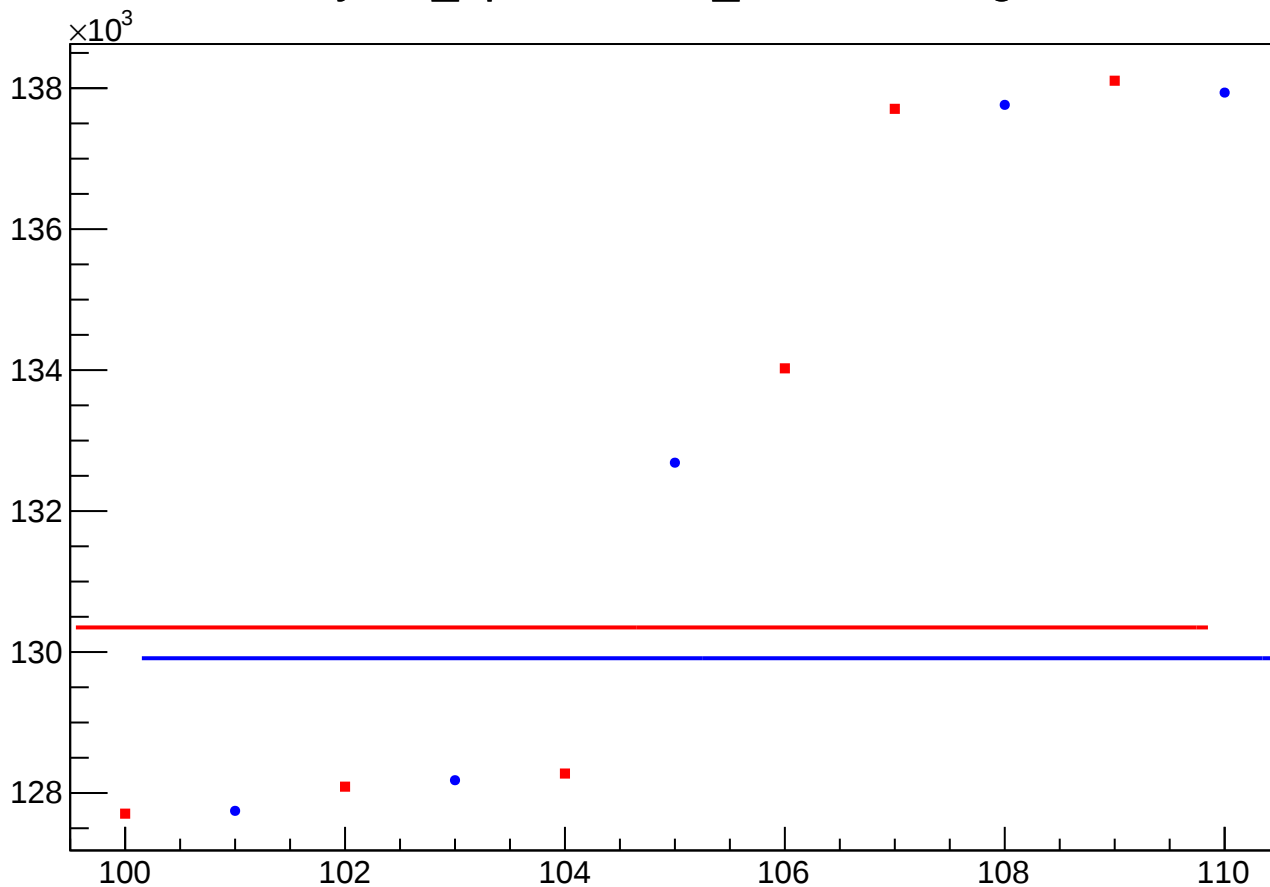
Right Out: 218.794 $\pm$ 0.115 χ^2 /NDF: 682908.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

239.920 $\pm$ 0.135 χ^2 /NDF: 560033.8/4

218.794 $\pm$ 0.115 χ^2 /NDF: 682908.9/5

yield_bpm0l03WS_mean vs slug



Right In: 129912.022 $\pm$ 0.263 χ^2 /NDF: 223714785.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

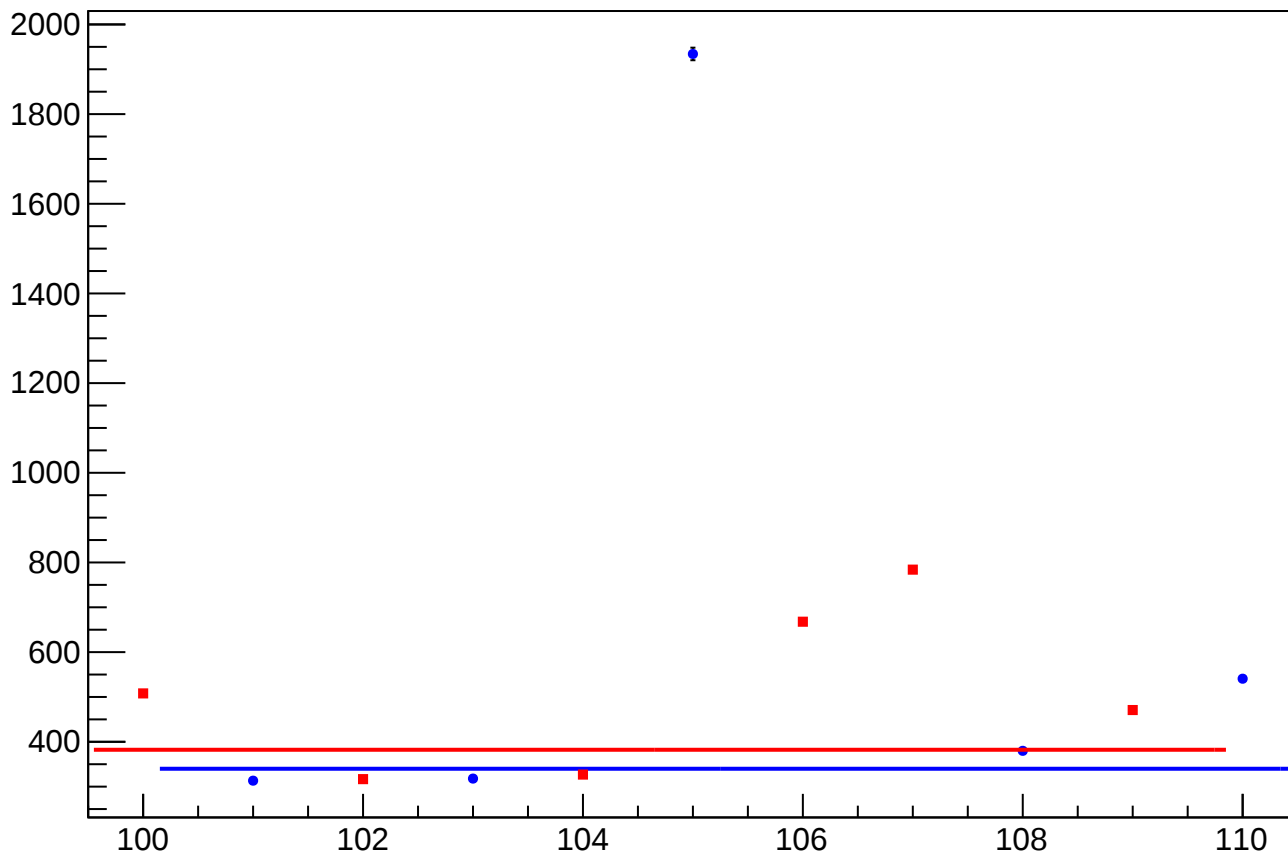
129912.022 $\pm$ 0.263 χ^2 /NDF: 223714785.7/4

Right Out: 130348.969 $\pm$ 0.272 χ^2 /NDF: 212171452.8/5

130348.969 $\pm$ 0.272 χ^2 /NDF: 212171452.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03WS_rms vs slug



Right In: 339.885+/-0.186 χ^2/NDF : 114480.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

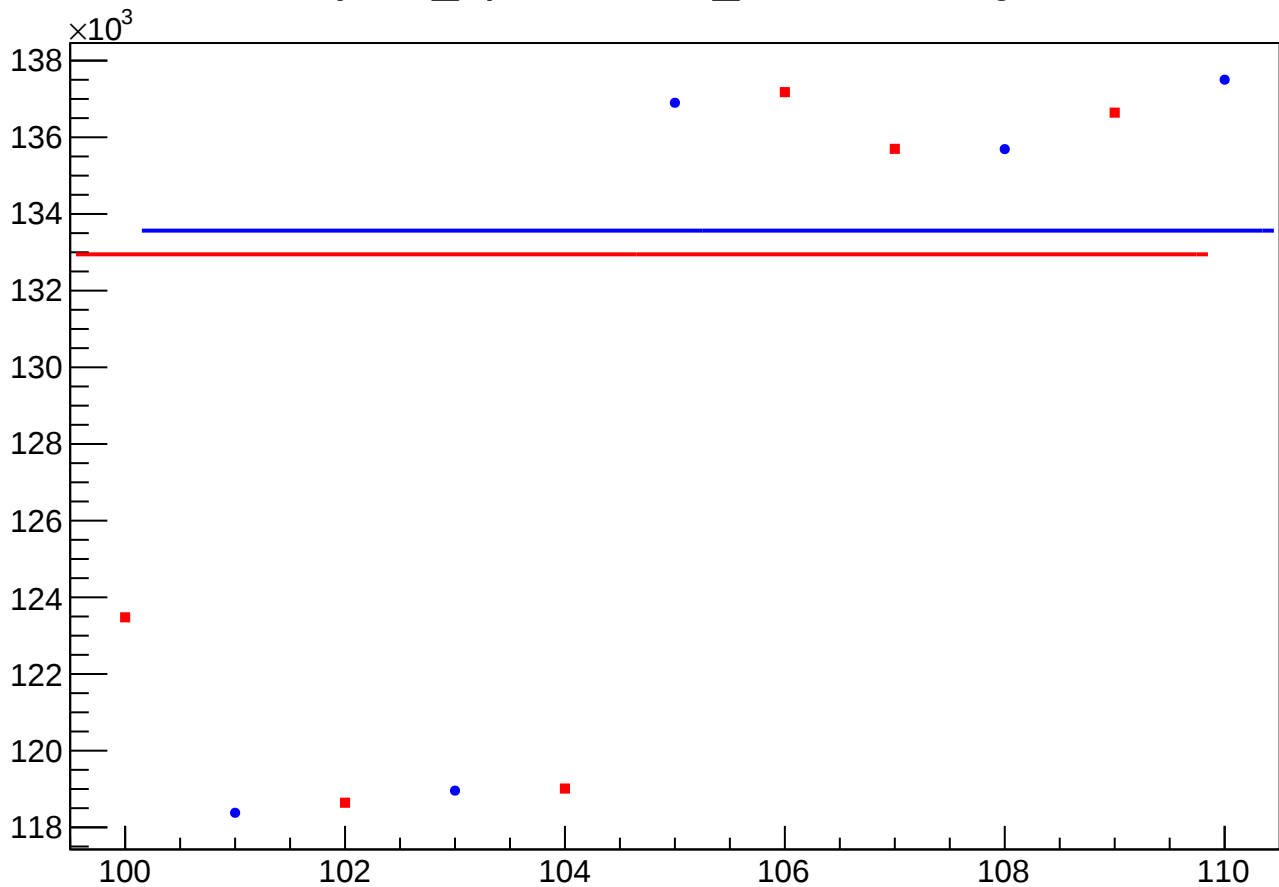
Right Out: 382.232+/-0.192 χ^2/NDF : 386811.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

339.885+/-0.186 χ^2/NDF : 114480.2/4

382.232+/-0.192 χ^2/NDF : 386811.0/5

yield_bpm0l04WS_mean vs slug



Right In: 133565.287 $\pm$ 0.133 χ^2 /NDF: 2844304831.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

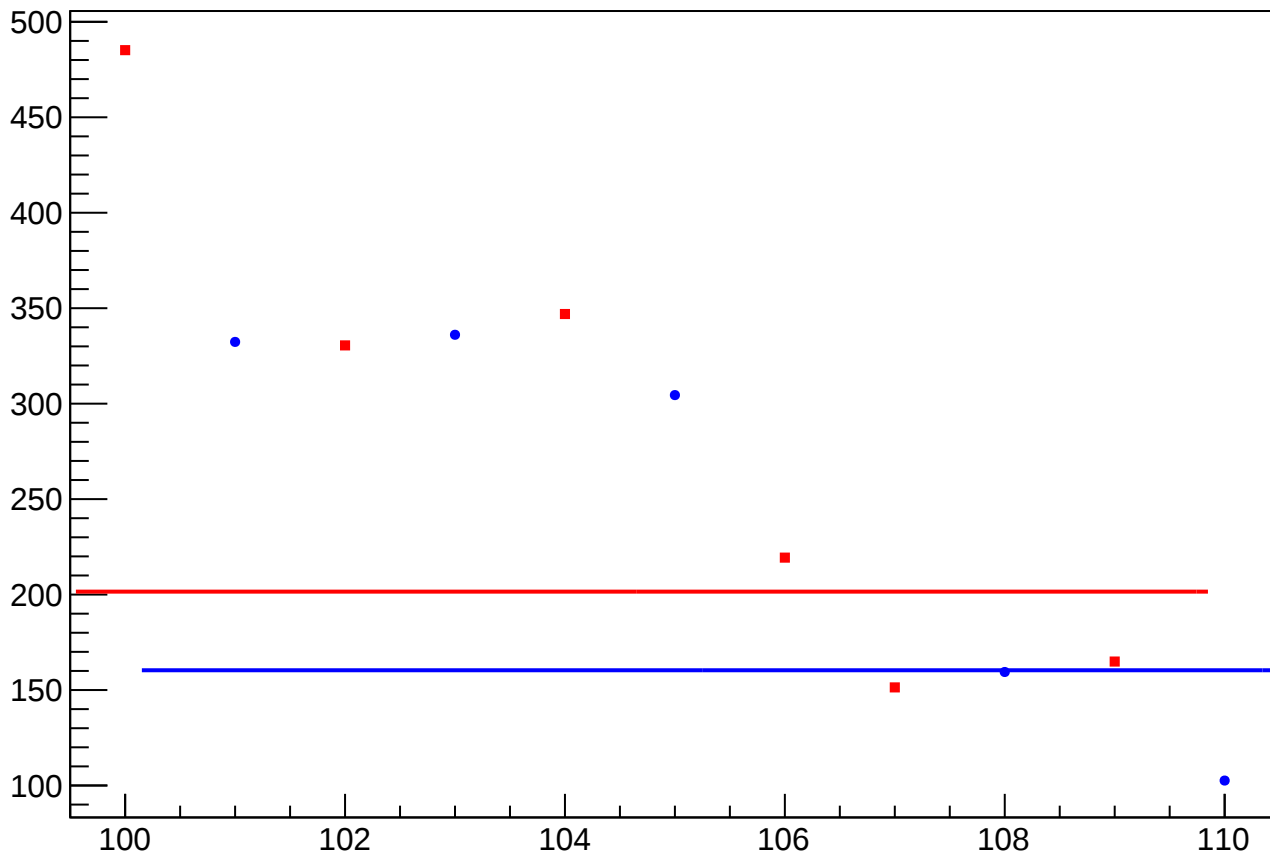
133565.287 $\pm$ 0.133 χ^2 /NDF: 2844304831.9/4

Right Out: 132946.589 $\pm$ 0.144 χ^2 /NDF: 2299743872.6/5

132946.589 $\pm$ 0.144 χ^2 /NDF: 2299743872.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l04WS_rms vs slug



Right In: 160.358 $\pm$ 0.094 χ^2 /NDF: 835707.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

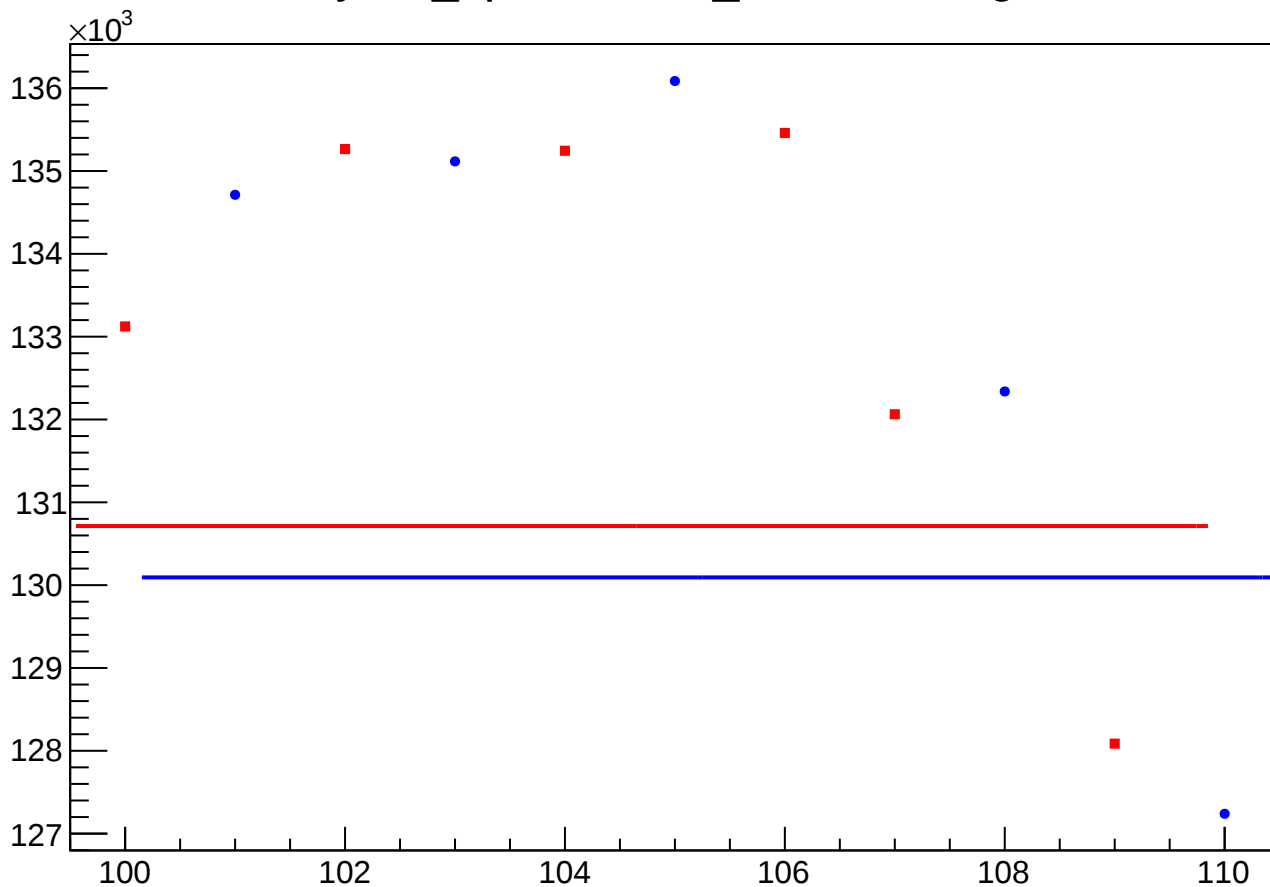
160.358 $\pm$ 0.094 χ^2 /NDF: 835707.8/4

Right Out: 201.543 $\pm$ 0.102 χ^2 /NDF: 515567.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

201.543 $\pm$ 0.102 χ^2 /NDF: 515567.1/5

yield_bpm0l05WS_mean vs slug



Right In: 130093.453 $\pm$ 0.146 χ^2 /NDF: 473742621.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

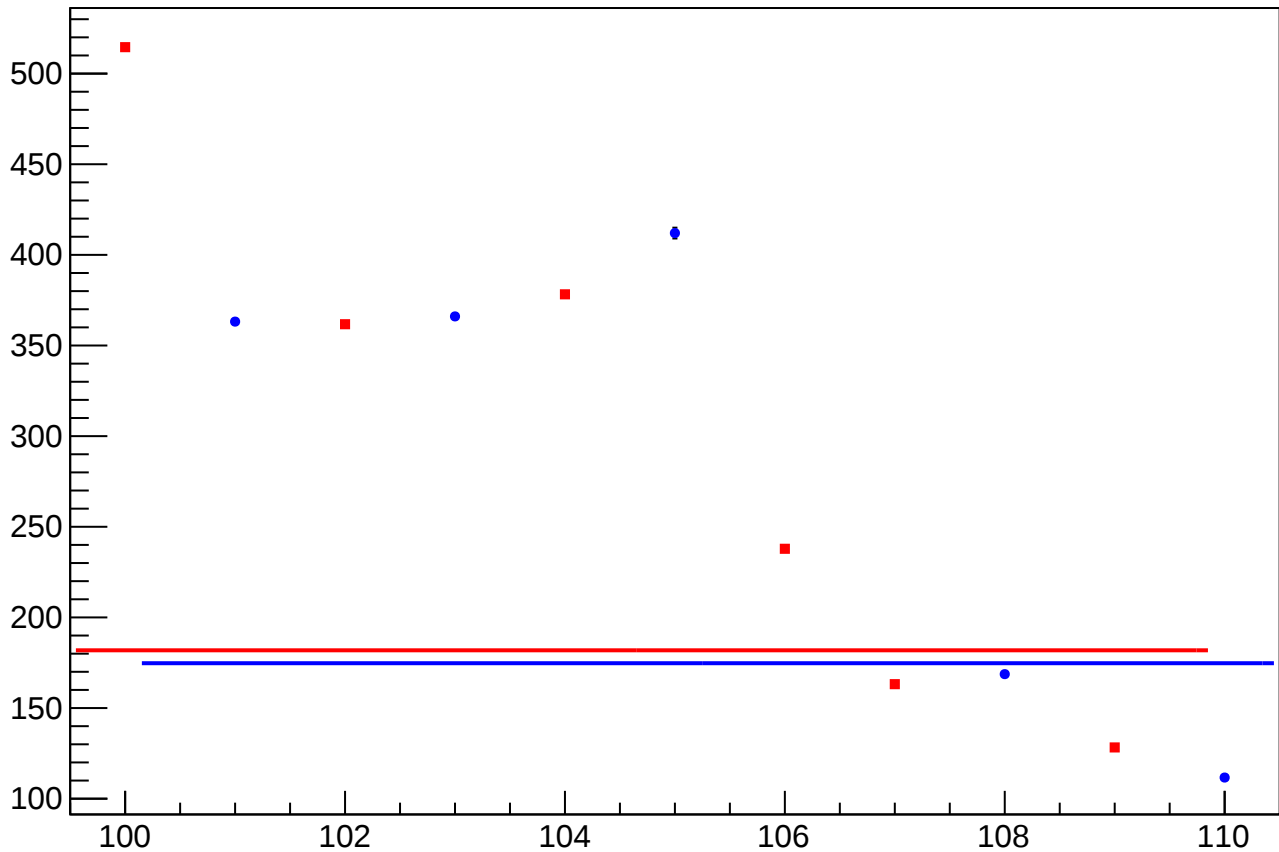
Right Out: 130713.514 $\pm$ 0.136 χ^2 /NDF: 477571253.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

130093.453 $\pm$ 0.146 χ^2 /NDF: 473742621.2/4

130713.514 $\pm$ 0.136 χ^2 /NDF: 477571253.6/5

yield_bpm0l05WS_rms vs slug



Right In: 174.734+/-0.103 χ^2/NDF : 831892.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

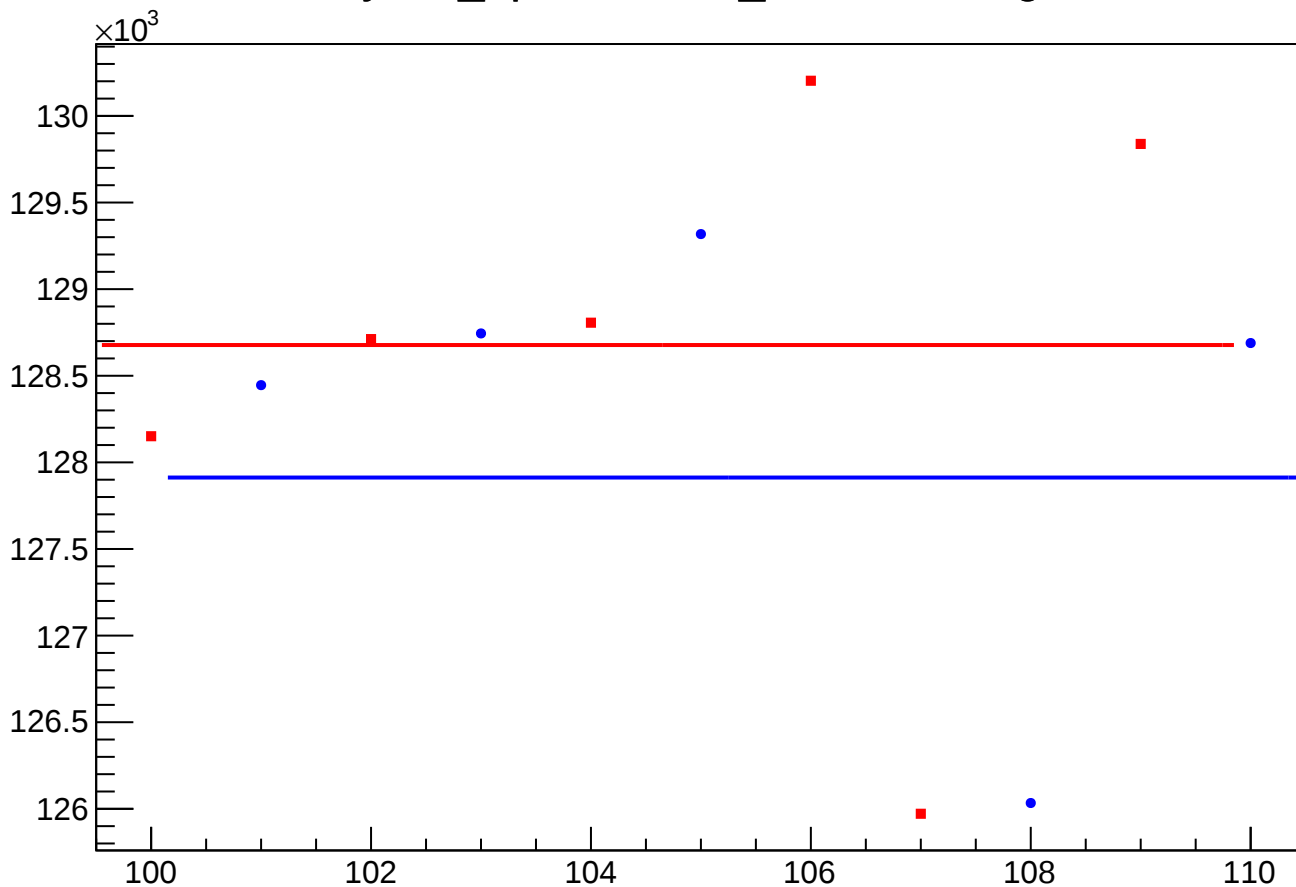
174.734+/-0.103 χ^2/NDF : 831892.4/4

Right Out: 181.855+/-0.096 χ^2/NDF : 792880.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

181.855+/-0.096 χ^2/NDF : 792880.8/5

yield_bpm0l06WS_mean vs slug



Right In: 127912.458 $\pm$ 0.130 χ^2 /NDF: 83942072.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

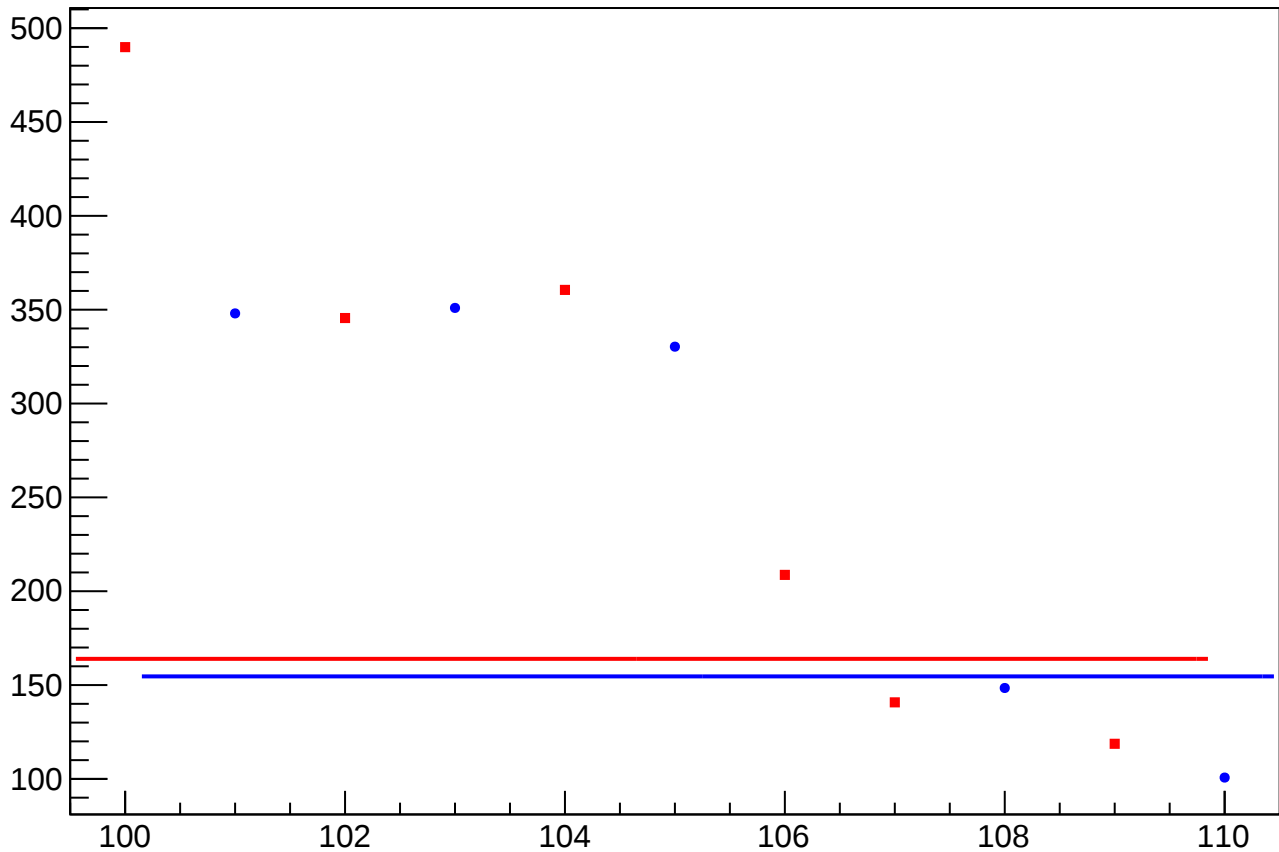
127912.458 $\pm$ 0.130 χ^2 /NDF: 83942072.4/4

Right Out: 128677.380 $\pm$ 0.123 χ^2 /NDF: 190161368.4/5

128677.380 $\pm$ 0.123 χ^2 /NDF: 190161368.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l06WS_rms vs slug



Right In: 154.619 $\pm$ 0.092 χ^2 /NDF: 912065.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

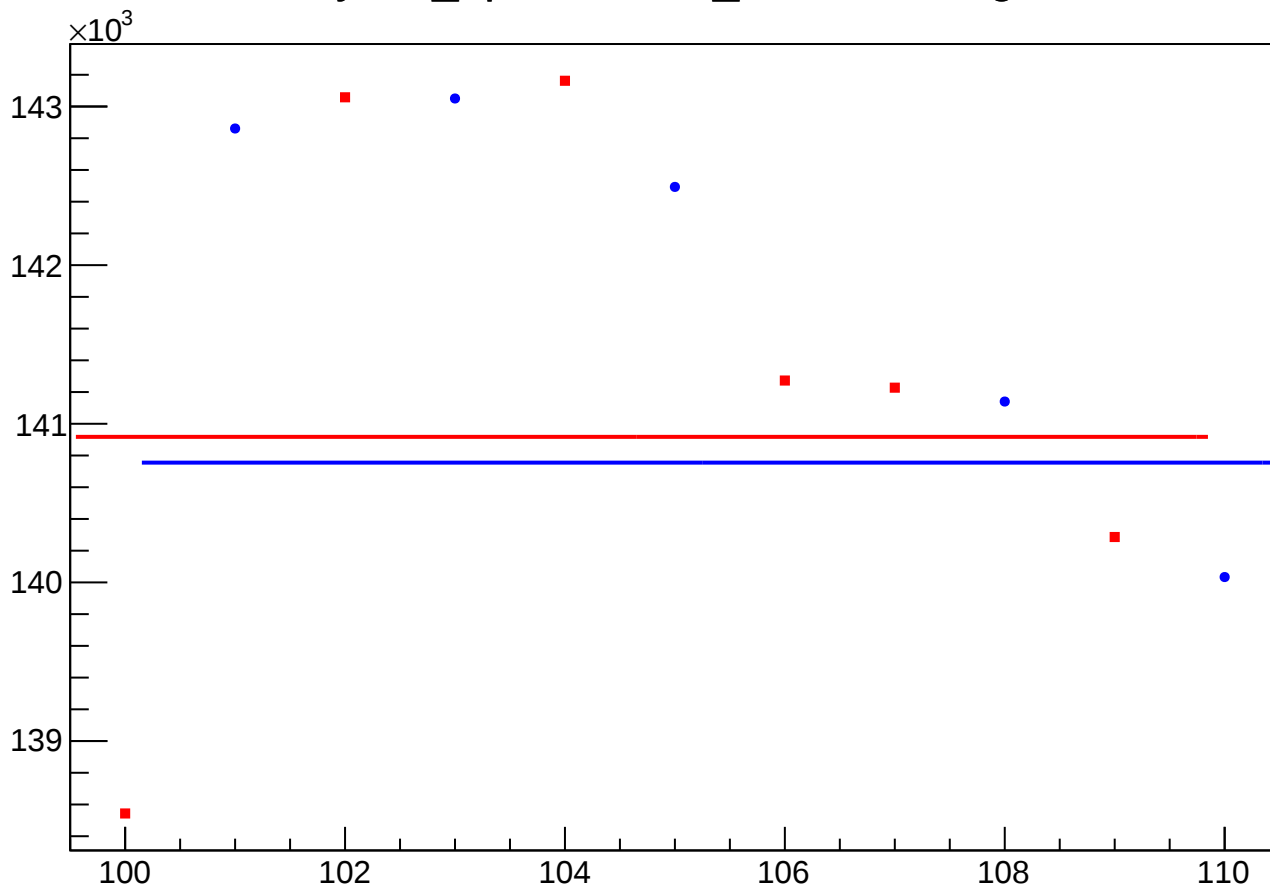
154.619 $\pm$ 0.092 χ^2 /NDF: 912065.5/4

Right Out: 163.968 $\pm$ 0.087 χ^2 /NDF: 836014.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

163.968 $\pm$ 0.087 χ^2 /NDF: 836014.3/5

yield_bpm0l07WS_mean vs slug



Right In: 140755.111 $\pm$ 0.140 χ^2 /NDF: 52756007.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

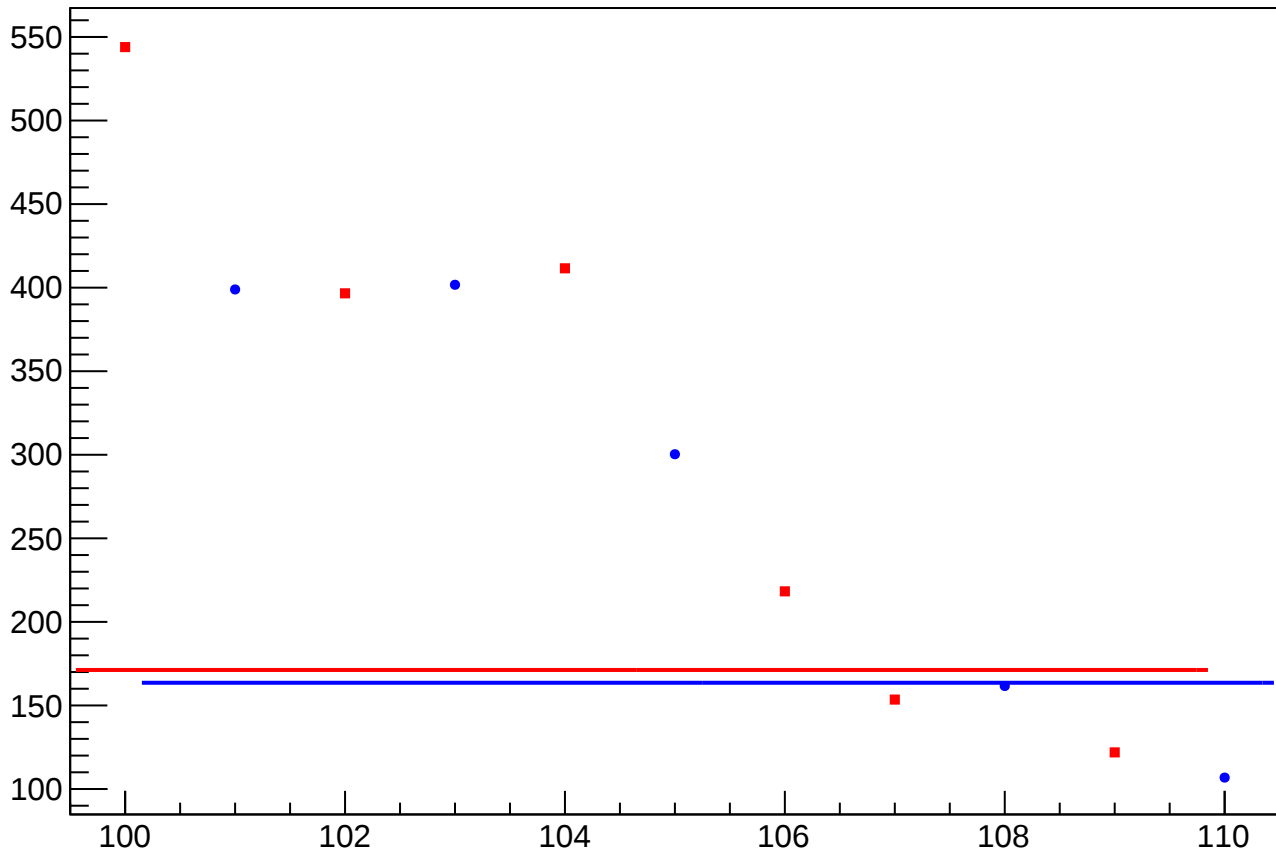
140755.111 $\pm$ 0.140 χ^2 /NDF: 52756007.2/4

Right Out: 140917.559 $\pm$ 0.130 χ^2 /NDF: 46686428.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140917.559 $\pm$ 0.130 χ^2 /NDF: 46686428.9/5

yield_bpm0l07WS_rms vs slug



Right In: 163.575+/-0.099 χ^2/NDF : 1002032.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

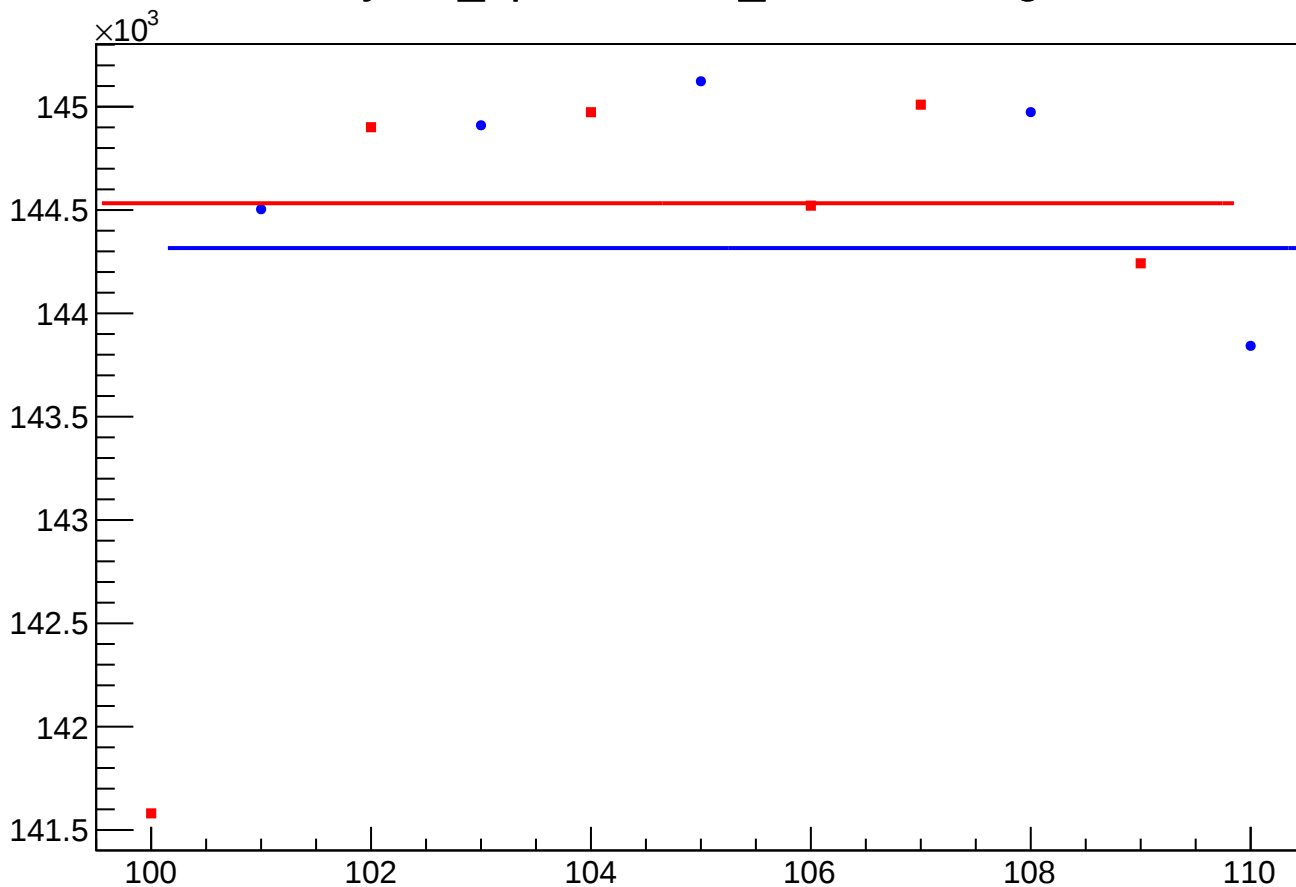
163.575+/-0.099 χ^2/NDF : 1002032.5/4

Right Out: 171.235+/-0.092 χ^2/NDF : 942714.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.235+/-0.092 χ^2/NDF : 942714.1/5

yield_bpm0l08WS_mean vs slug



Right In: 144315.997 $\pm$ 0.146 χ^2 /NDF: 13252390.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

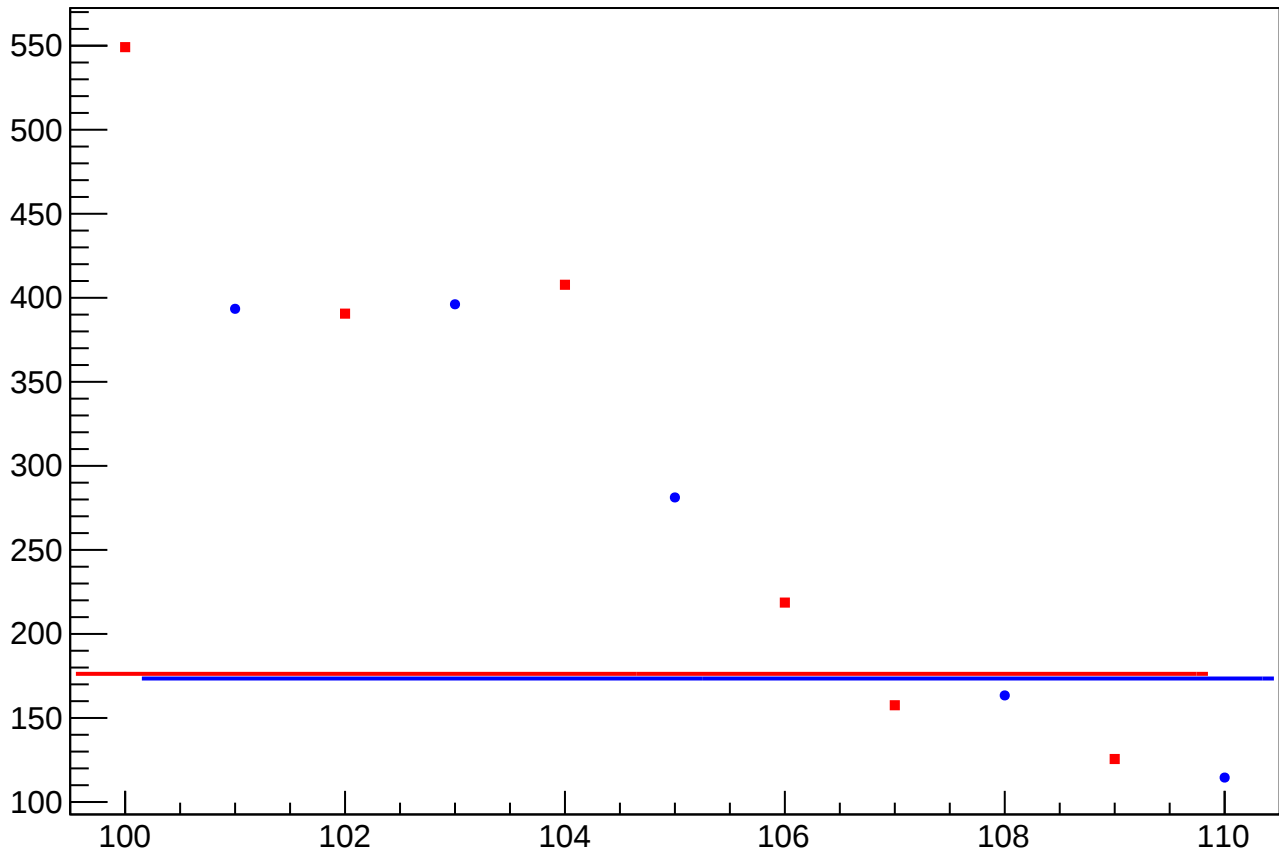
Right Out: 144532.897 $\pm$ 0.133 χ^2 /NDF: 8861897.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

144315.997 $\pm$ 0.146 χ^2 /NDF: 13252390.2/4

144532.897 $\pm$ 0.133 χ^2 /NDF: 8861897.8/5

yield_bpm0l08WS_rms vs slug



Right In: 173.480 $\pm$ 0.103 χ^2 /NDF: 908138.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

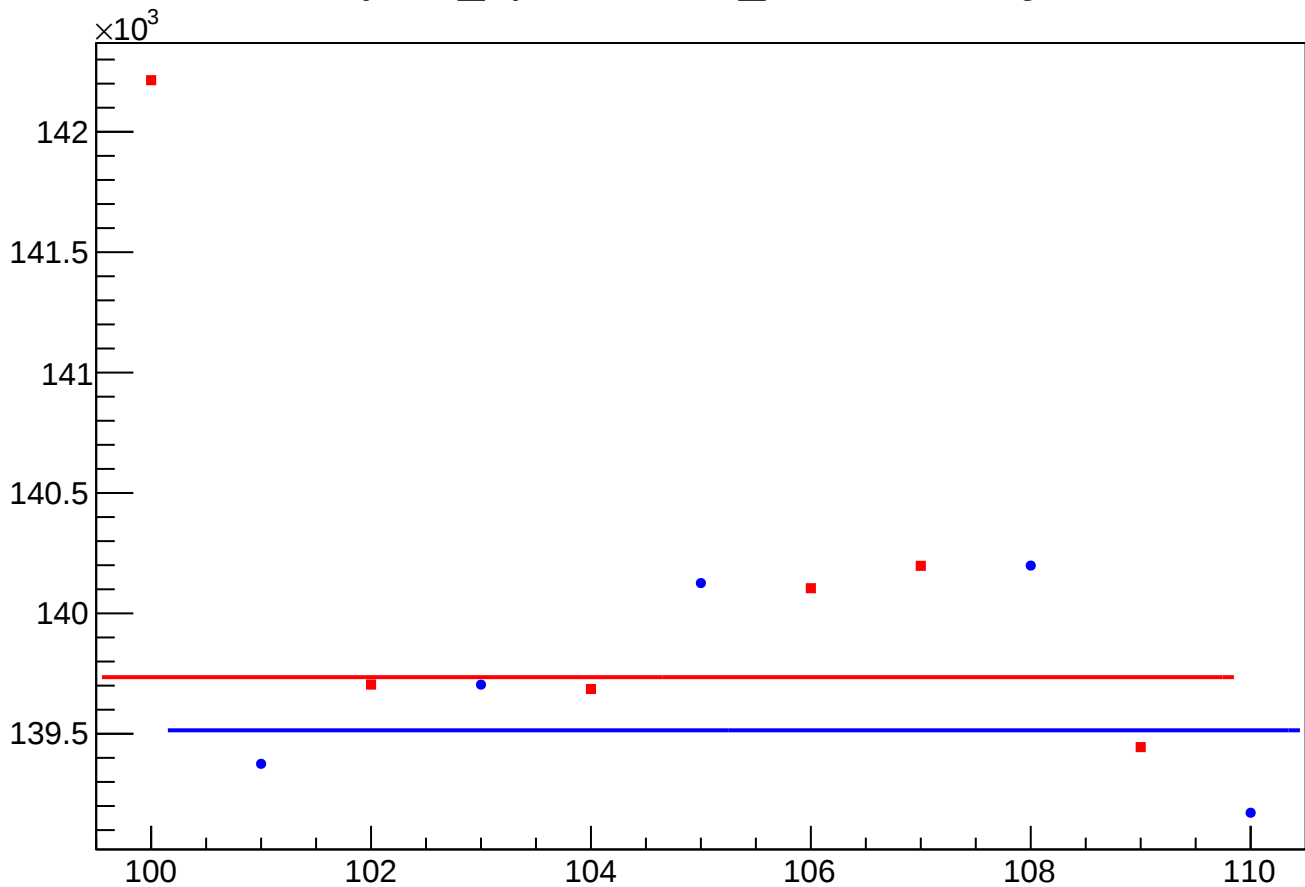
Right Out: 176.260 $\pm$ 0.094 χ^2 /NDF: 894410.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

173.480 $\pm$ 0.103 χ^2 /NDF: 908138.4/4

176.260 $\pm$ 0.094 χ^2 /NDF: 894410.8/5

yield_bpm0l09WS_mean vs slug



Right In: 139514.416 $\pm$ 0.146 χ^2 /NDF: 9338450.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

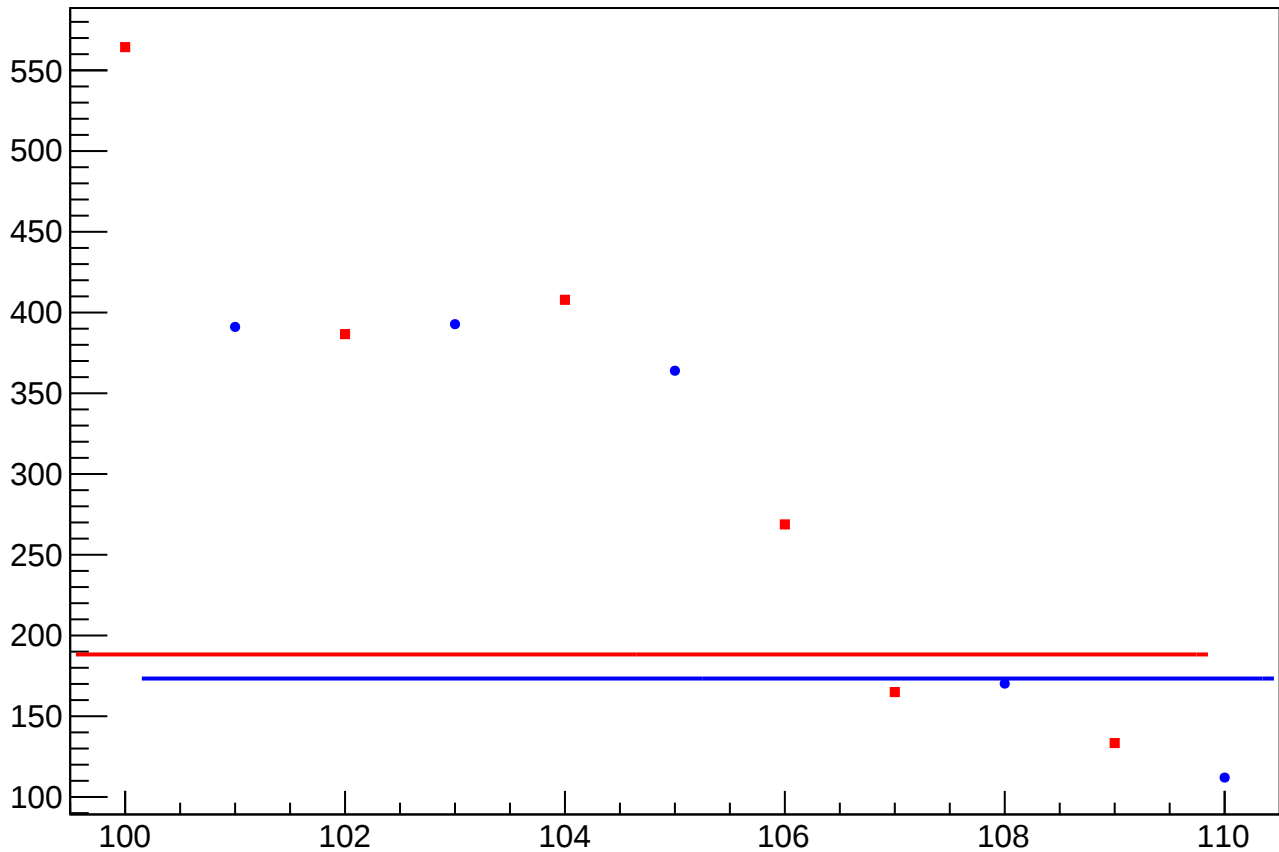
139514.416 $\pm$ 0.146 χ^2 /NDF: 9338450.9/4

Right Out: 139735.112 $\pm$ 0.141 χ^2 /NDF: 6888200.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139735.112 $\pm$ 0.141 χ^2 /NDF: 6888200.5/5

yield_bpm0l09WS_rms vs slug



Right In: 173.347 $\pm$ 0.103 χ^2 /NDF: 920266.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

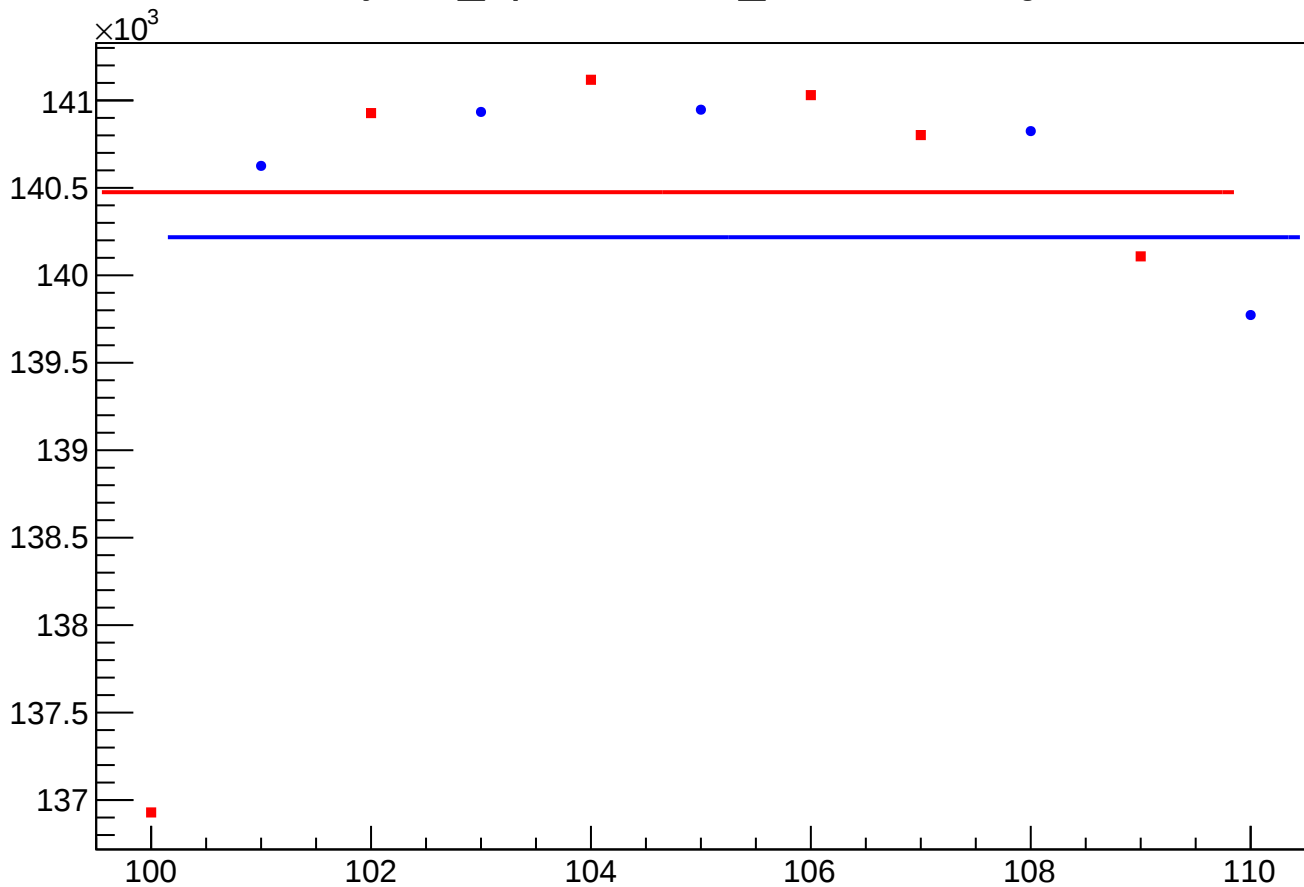
Right Out: 188.267 $\pm$ 0.100 χ^2 /NDF: 856033.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

173.347 $\pm$ 0.103 χ^2 /NDF: 920266.8/4

188.267 $\pm$ 0.100 χ^2 /NDF: 856033.6/5

yield_bpm0l10WS_mean vs slug



Right In: 140217.774 $\pm$ 0.144 χ^2 /NDF: 12894969.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

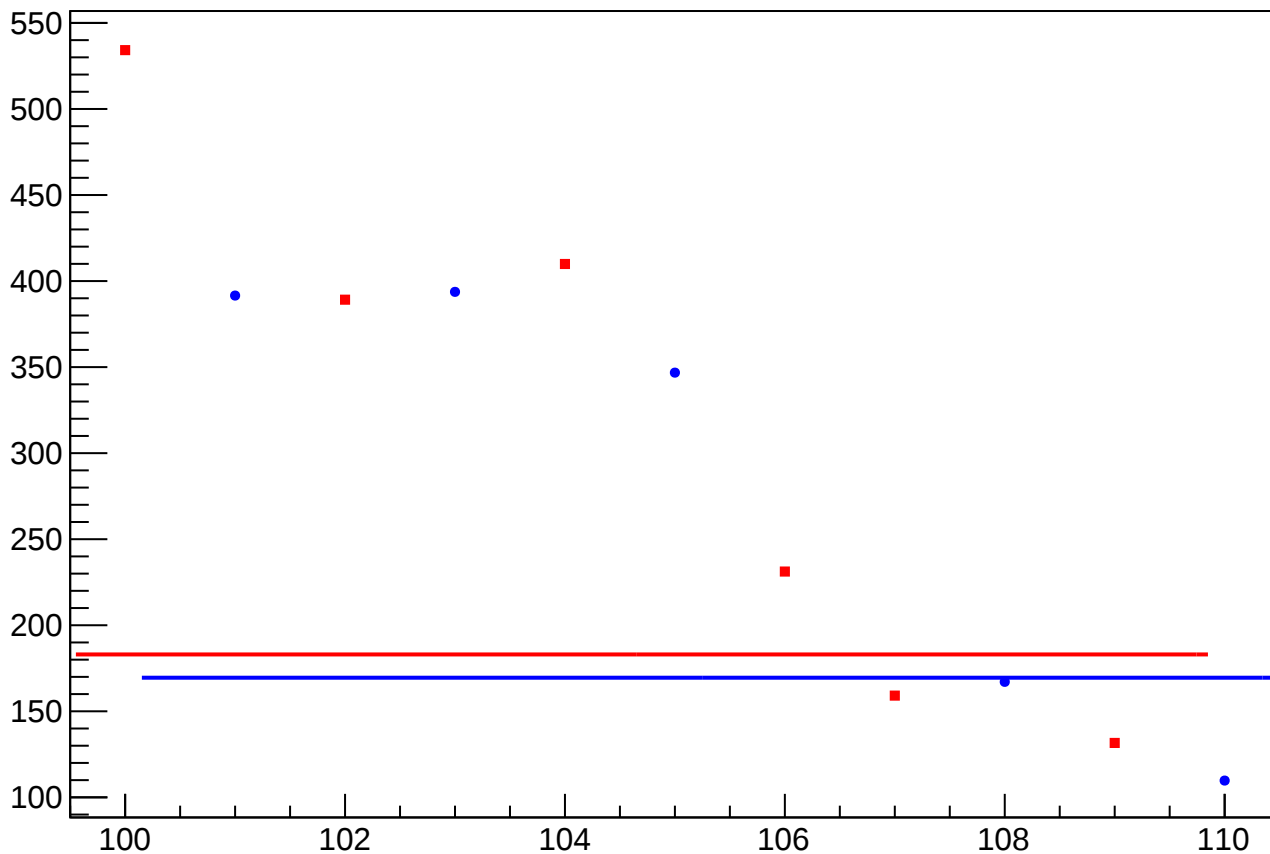
140217.774 $\pm$ 0.144 χ^2 /NDF: 12894969.6/4

Right Out: 140475.232 $\pm$ 0.138 χ^2 /NDF: 11681805.5/5

140475.232 $\pm$ 0.138 χ^2 /NDF: 11681805.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_rms vs slug



Right In: 169.517 $\pm$ 0.102 χ^2 /NDF: 946724.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

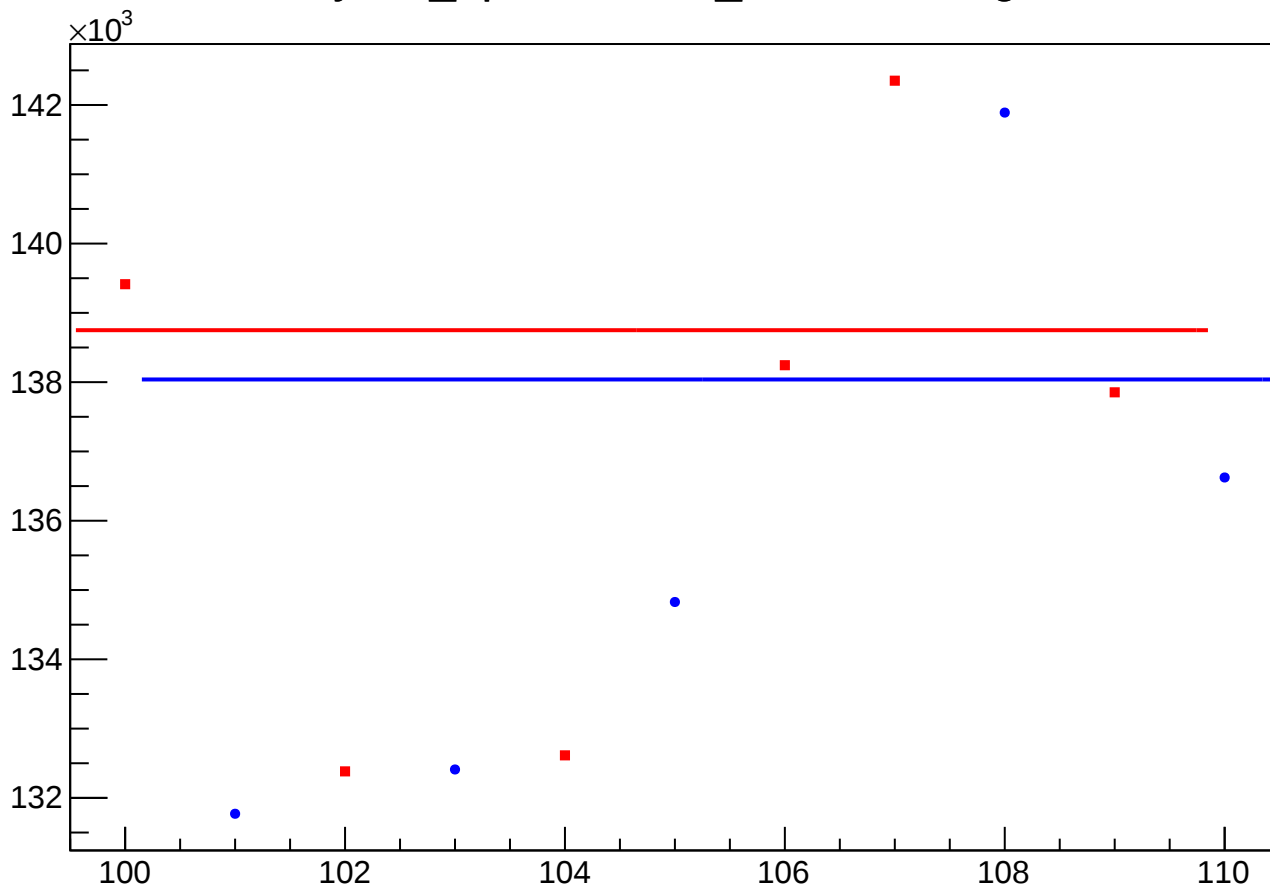
169.517 $\pm$ 0.102 χ^2 /NDF: 946724.4/4

Right Out: 183.037 $\pm$ 0.097 χ^2 /NDF: 848942.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

183.037 $\pm$ 0.097 χ^2 /NDF: 848942.0/5

yield_bpm0r03WS_mean vs slug



Right In: 138038.730 $\pm$ 0.233 χ^2 /NDF: 336919698.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

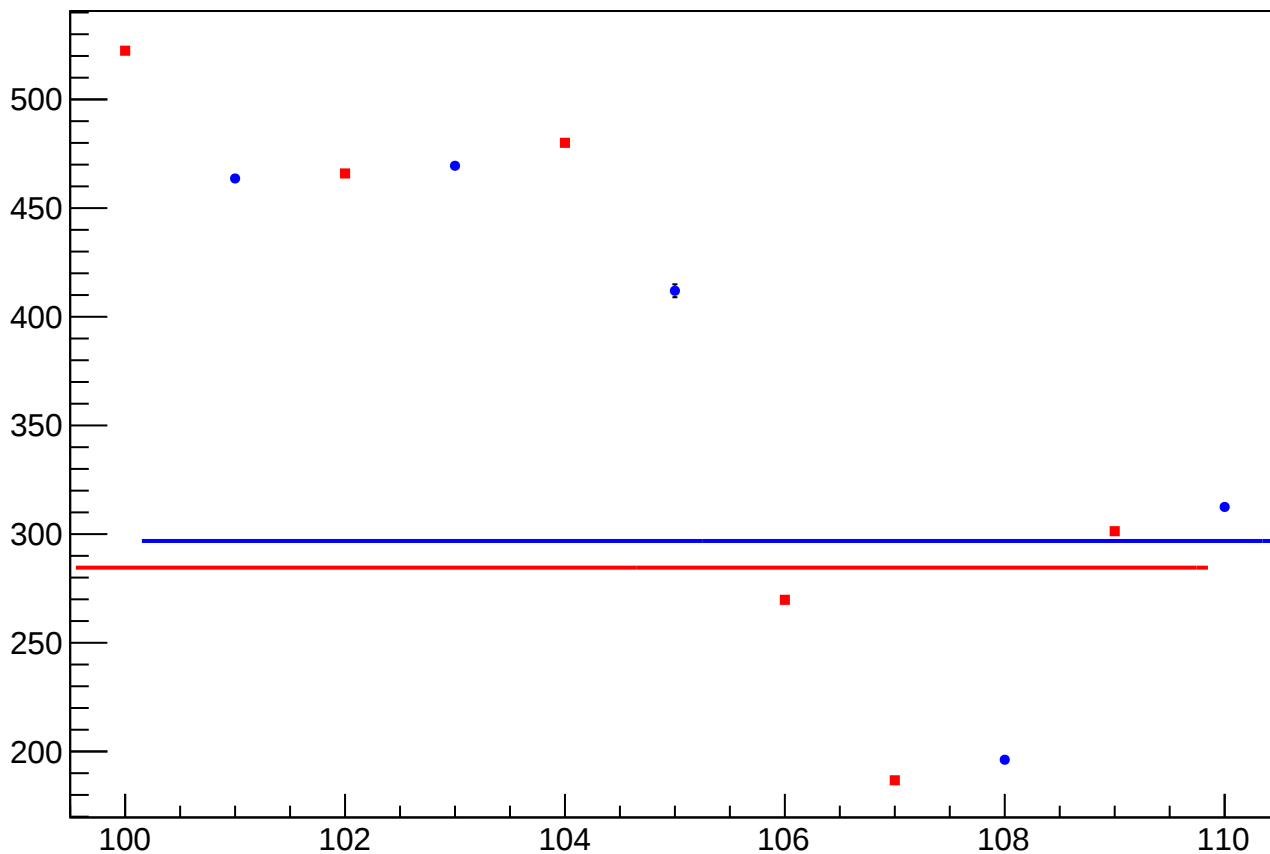
138038.730 $\pm$ 0.233 χ^2 /NDF: 336919698.4/4

Right Out: 138749.944 $\pm$ 0.206 χ^2 /NDF: 312160272.9/5

138749.944 $\pm$ 0.206 χ^2 /NDF: 312160272.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03WS_rms vs slug



Right In: 296.845 $\pm$ 0.165 χ^2 /NDF: 500184.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

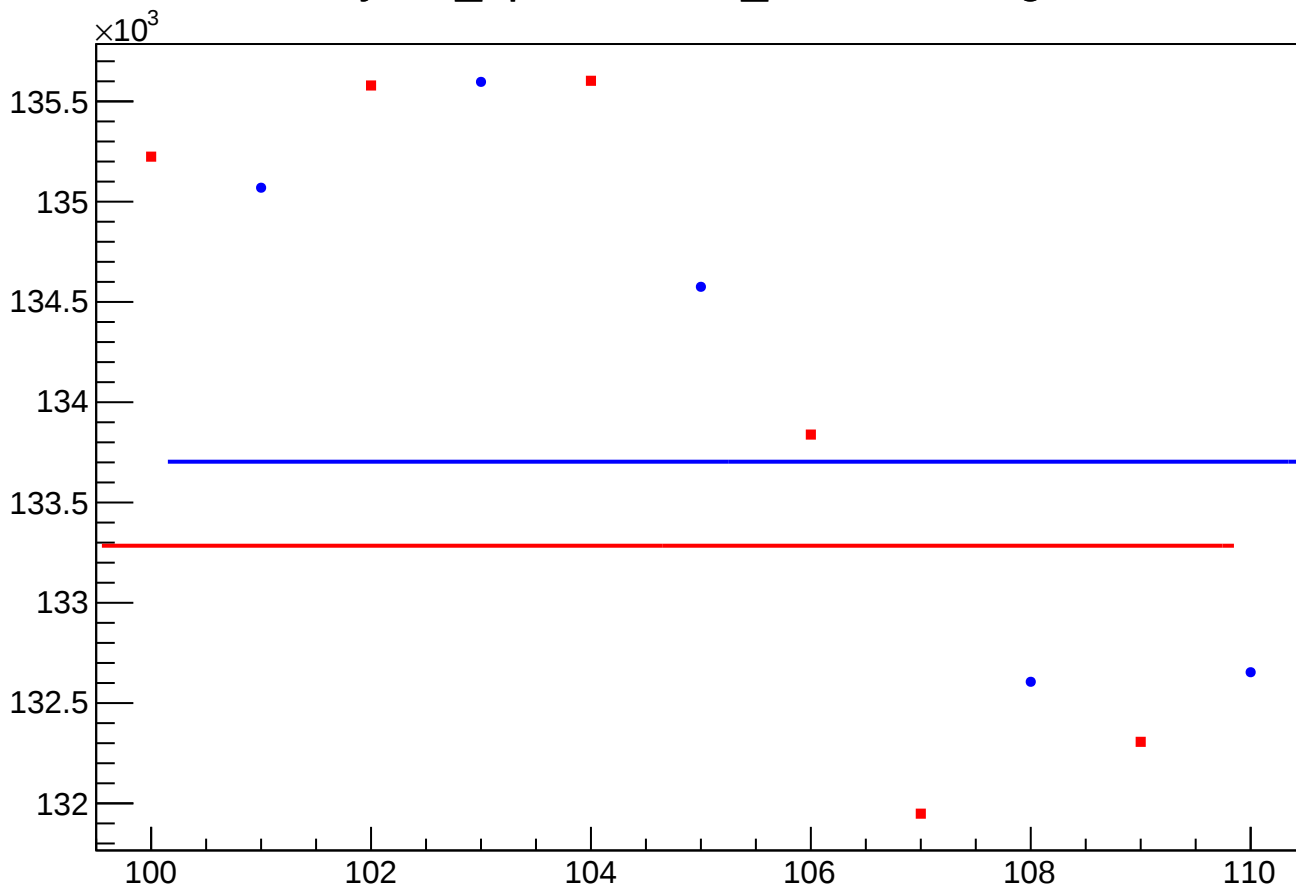
296.845 $\pm$ 0.165 χ^2 /NDF: 500184.8/4

Right Out: 284.572 $\pm$ 0.145 χ^2 /NDF: 544747.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

284.572 $\pm$ 0.145 χ^2 /NDF: 544747.9/5

yield_bpm0r05WS_mean vs slug



Right In: 133703.480 $\pm$ 0.217 χ^2 /NDF: 36986440.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

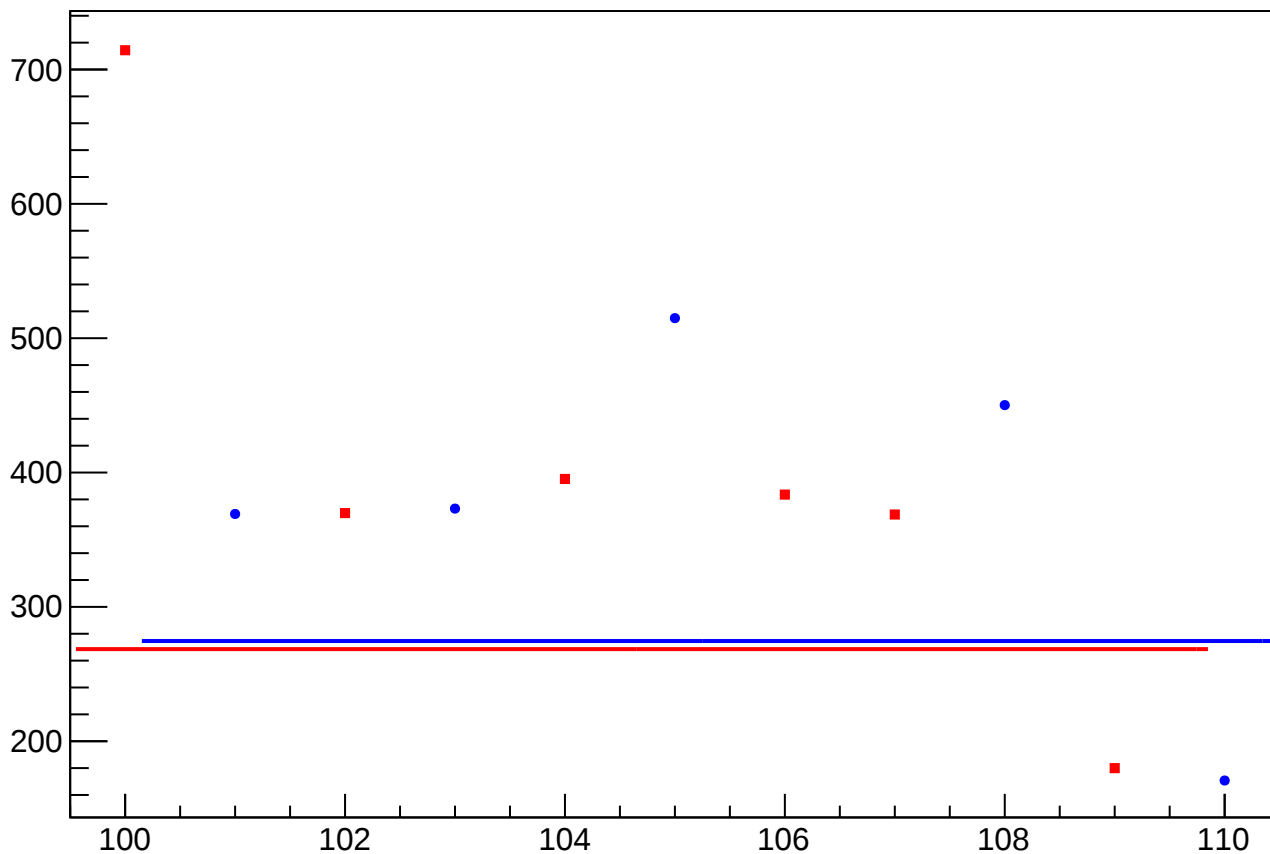
133703.480 $\pm$ 0.217 χ^2 /NDF: 36986440.5/4

Right Out: 133284.554 $\pm$ 0.197 χ^2 /NDF: 56923545.7/5

133284.554 $\pm$ 0.197 χ^2 /NDF: 56923545.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05WS_rms vs slug



Right In: 274.590+/-0.153 χ^2/NDF : 512220.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

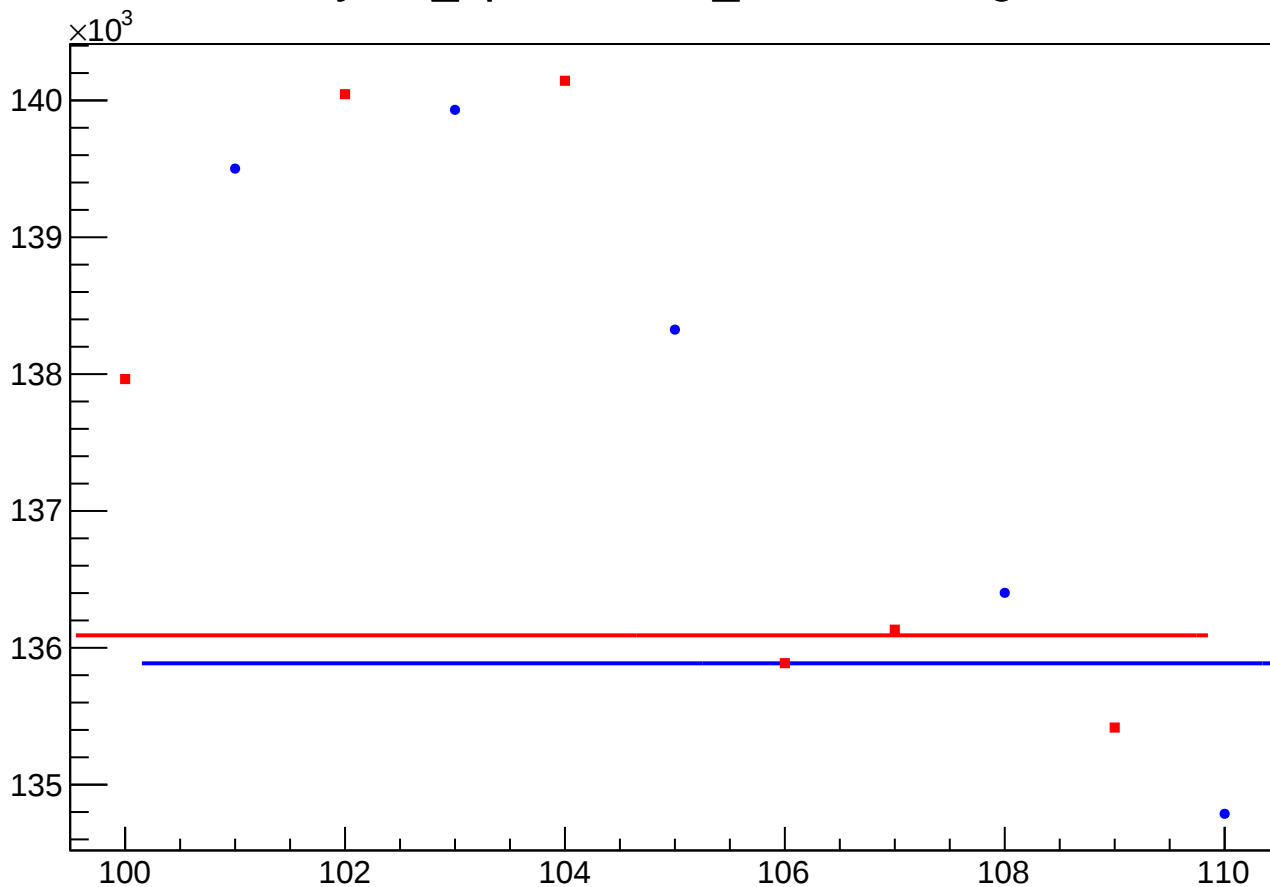
Right Out: 268.569+/-0.139 χ^2/NDF : 557061.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

274.590+/-0.153 χ^2/NDF : 512220.4/4

268.569+/-0.139 χ^2/NDF : 557061.7/5

yield_bpm0i02WS_mean vs slug



Right In: 135886.688 $\pm$ 0.116 χ^2 /NDF: 173662557.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

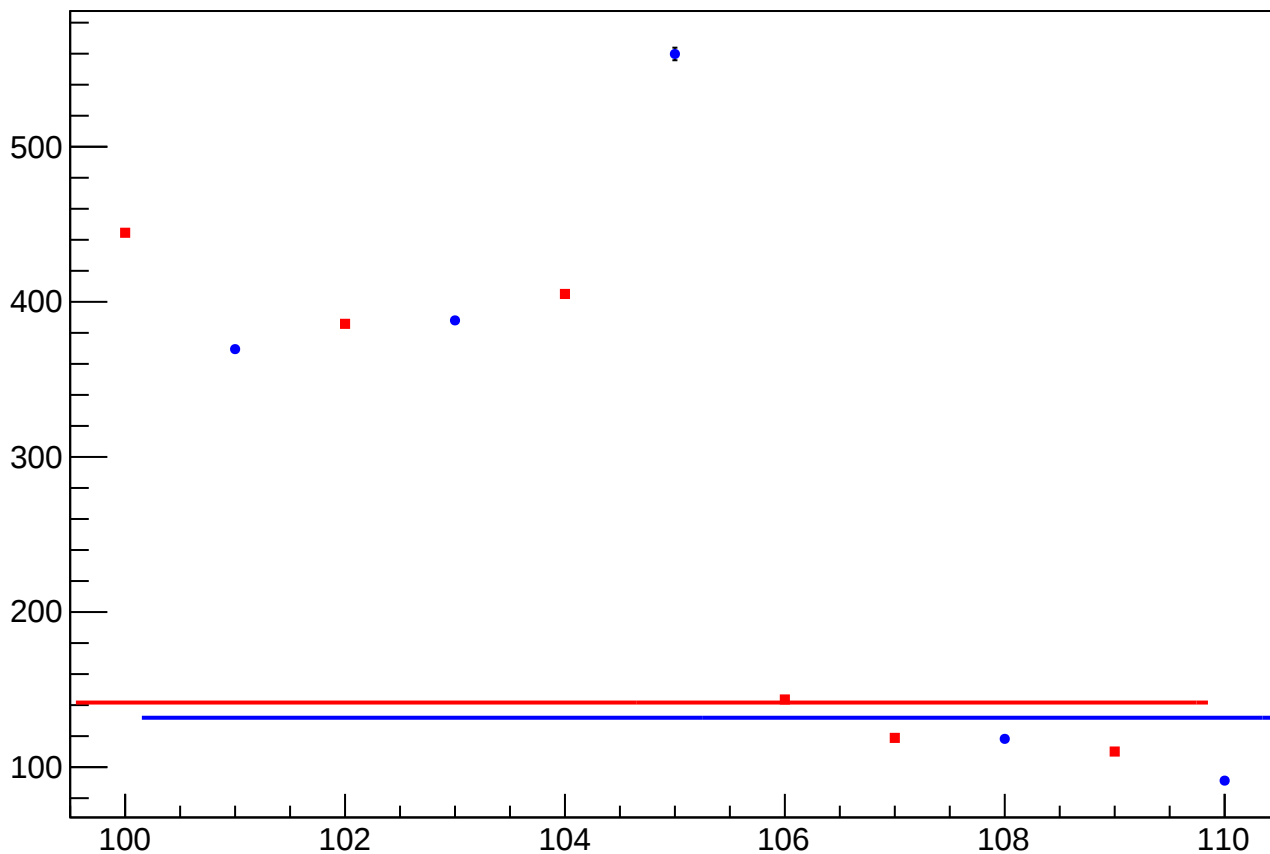
Right Out: 136091.145 $\pm$ 0.111 χ^2 /NDF: 126076127.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135886.688 $\pm$ 0.116 χ^2 /NDF: 173662557.9/4

136091.145 $\pm$ 0.111 χ^2 /NDF: 126076127.2/5

yield_bpm0i02WS_rms vs slug



Right In: 131.857+/-0.082 χ^2/NDF : 1132599.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

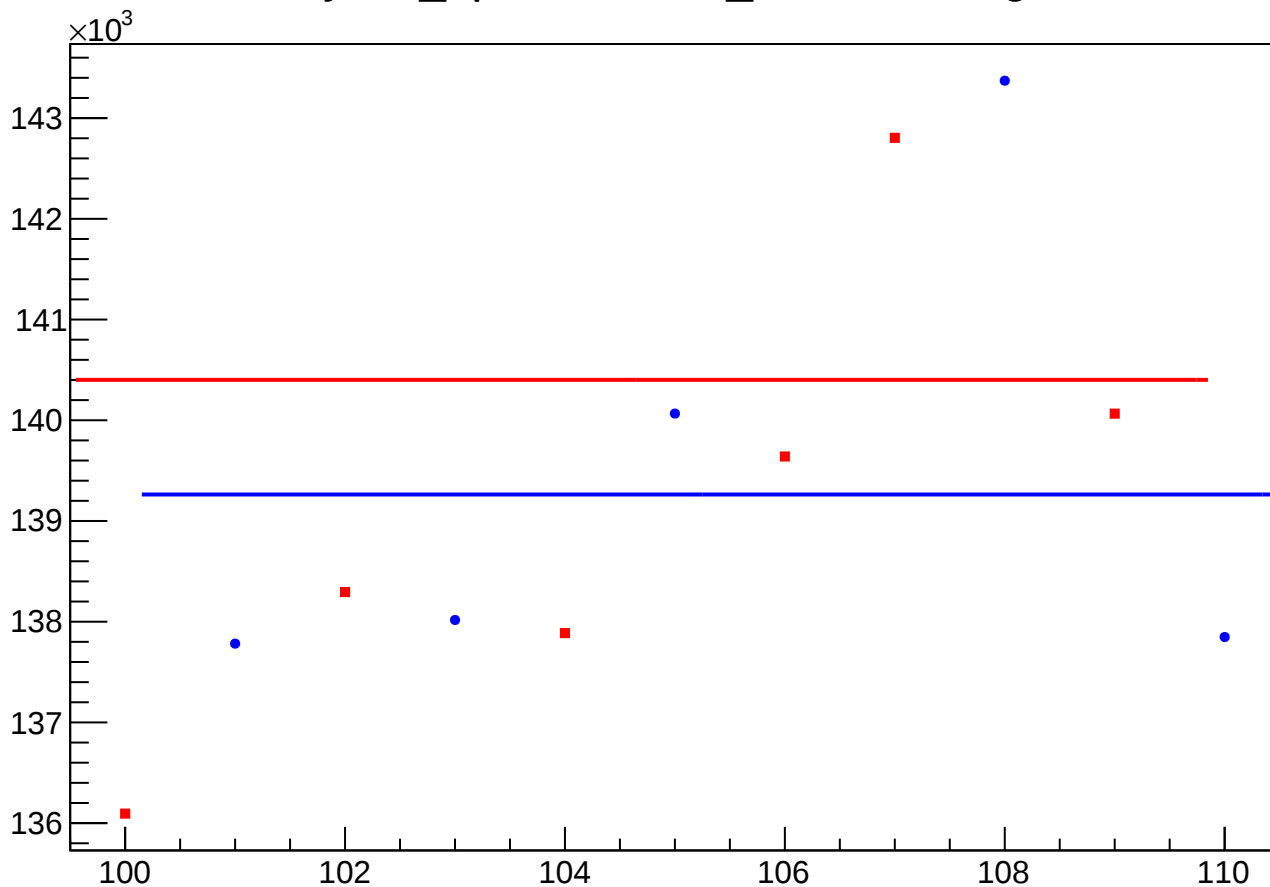
131.857+/-0.082 χ^2/NDF : 1132599.8/4

Right Out: 141.653+/-0.079 χ^2/NDF : 1022680.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.653+/-0.079 χ^2/NDF : 1022680.1/5

yield_bpm0i02aWS_mean vs slug



Right In: 139263.099 $\pm$ 0.138 χ^2 /NDF: 301442145.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

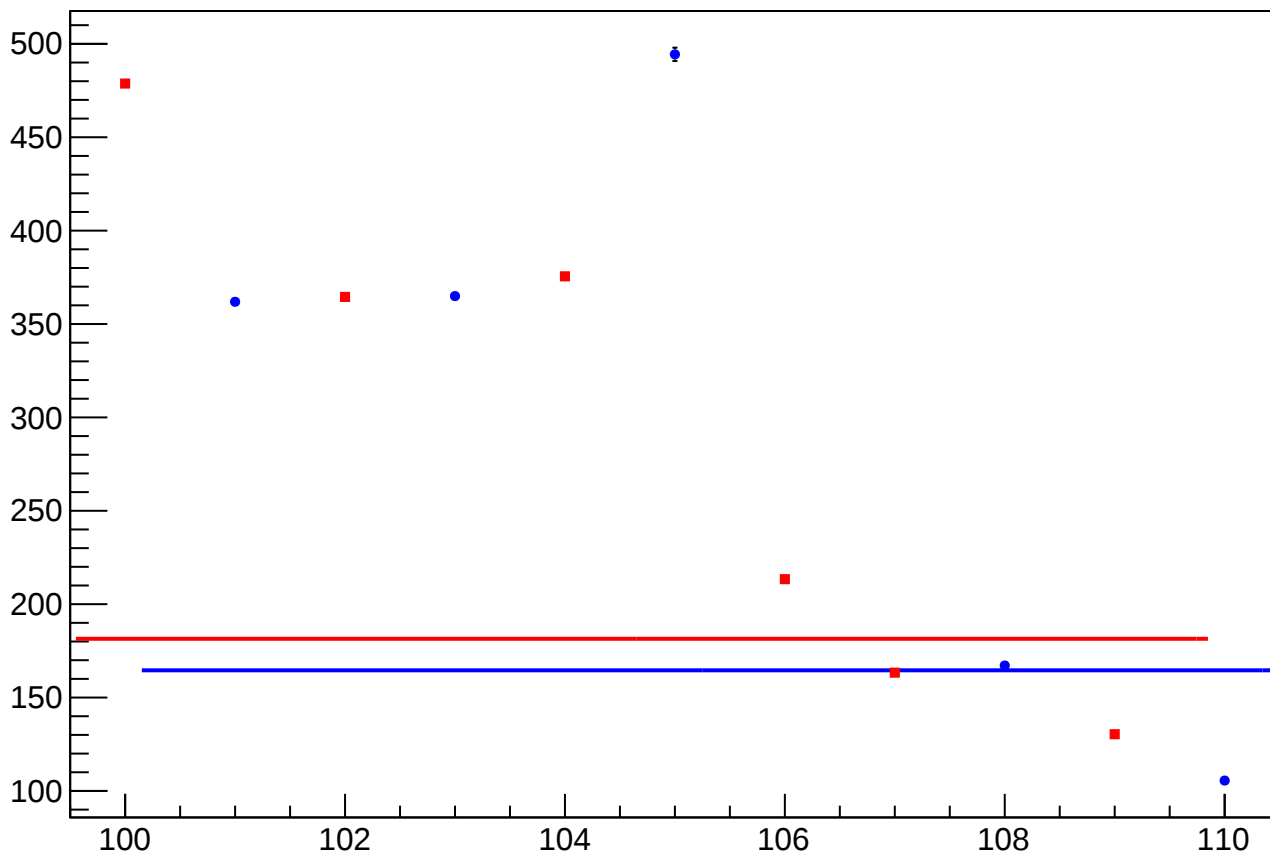
139263.099 $\pm$ 0.138 χ^2 /NDF: 301442145.3/4

Right Out: 140401.197 $\pm$ 0.136 χ^2 /NDF: 128105859.2/5

140401.197 $\pm$ 0.136 χ^2 /NDF: 128105859.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aWS_rms vs slug



Right In: 164.588+/-0.098 χ^2/NDF : 909268.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

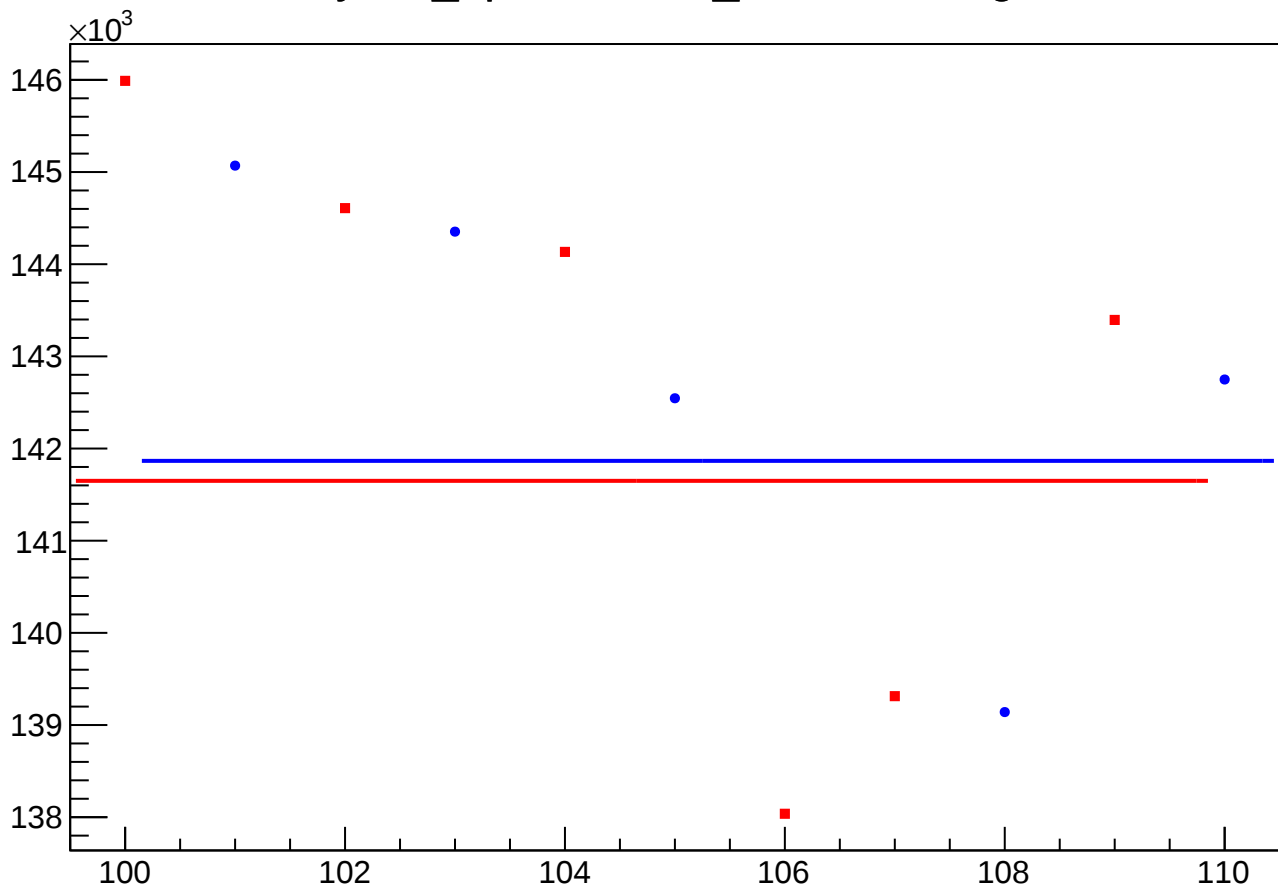
164.588+/-0.098 χ^2/NDF : 909268.2/4

Right Out: 181.467+/-0.096 χ^2/NDF : 756051.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

181.467+/-0.096 χ^2/NDF : 756051.4/5

yield_bpm0i05WS_mean vs slug



Right In: 141866.172 $\pm$ 0.141 χ^2 /NDF: 220030851.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

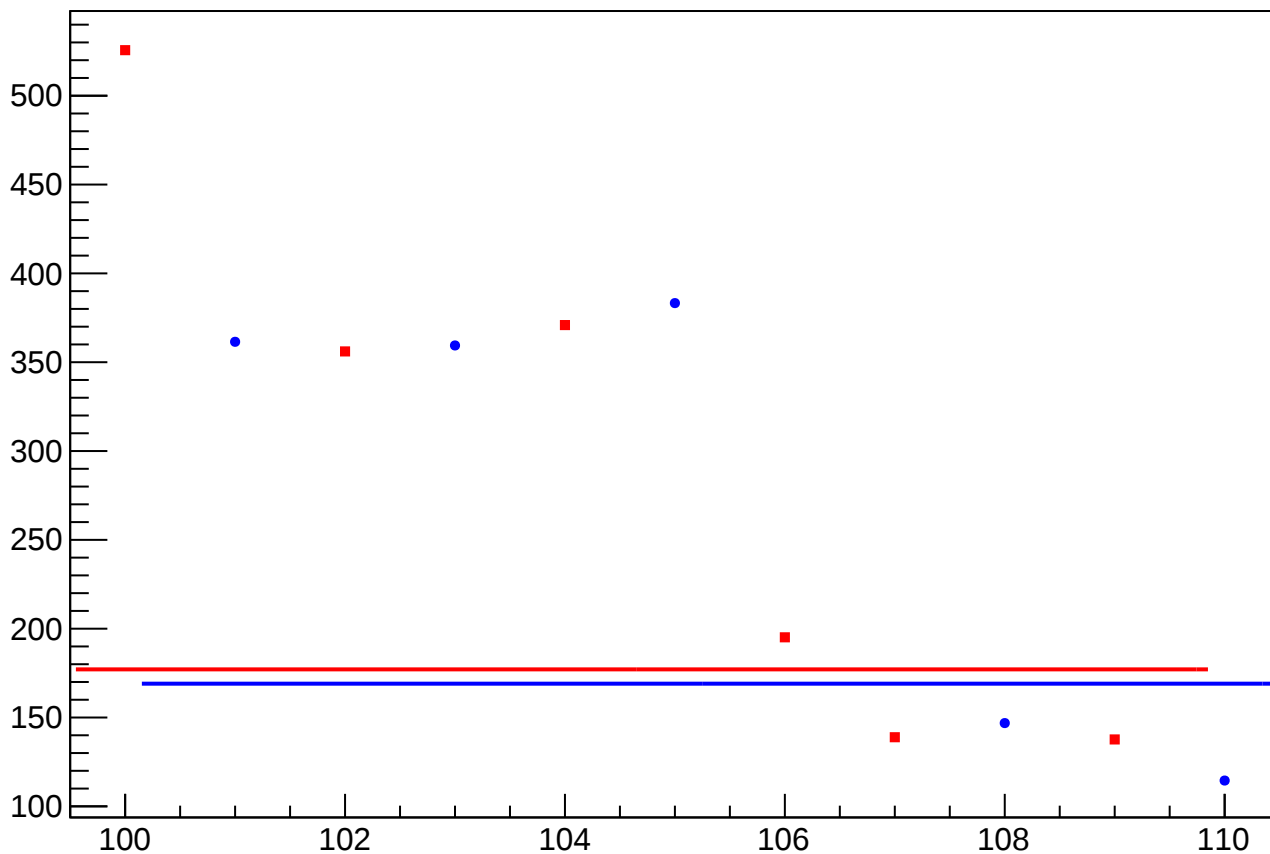
141866.172 $\pm$ 0.141 χ^2 /NDF: 220030851.3/4

Right Out: 141649.420 $\pm$ 0.132 χ^2 /NDF: 319116811.0/5

141649.420 $\pm$ 0.132 χ^2 /NDF: 319116811.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i05WS_rms vs slug



Right In: 169.048+/-0.099 χ^2/NDF : 818204.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

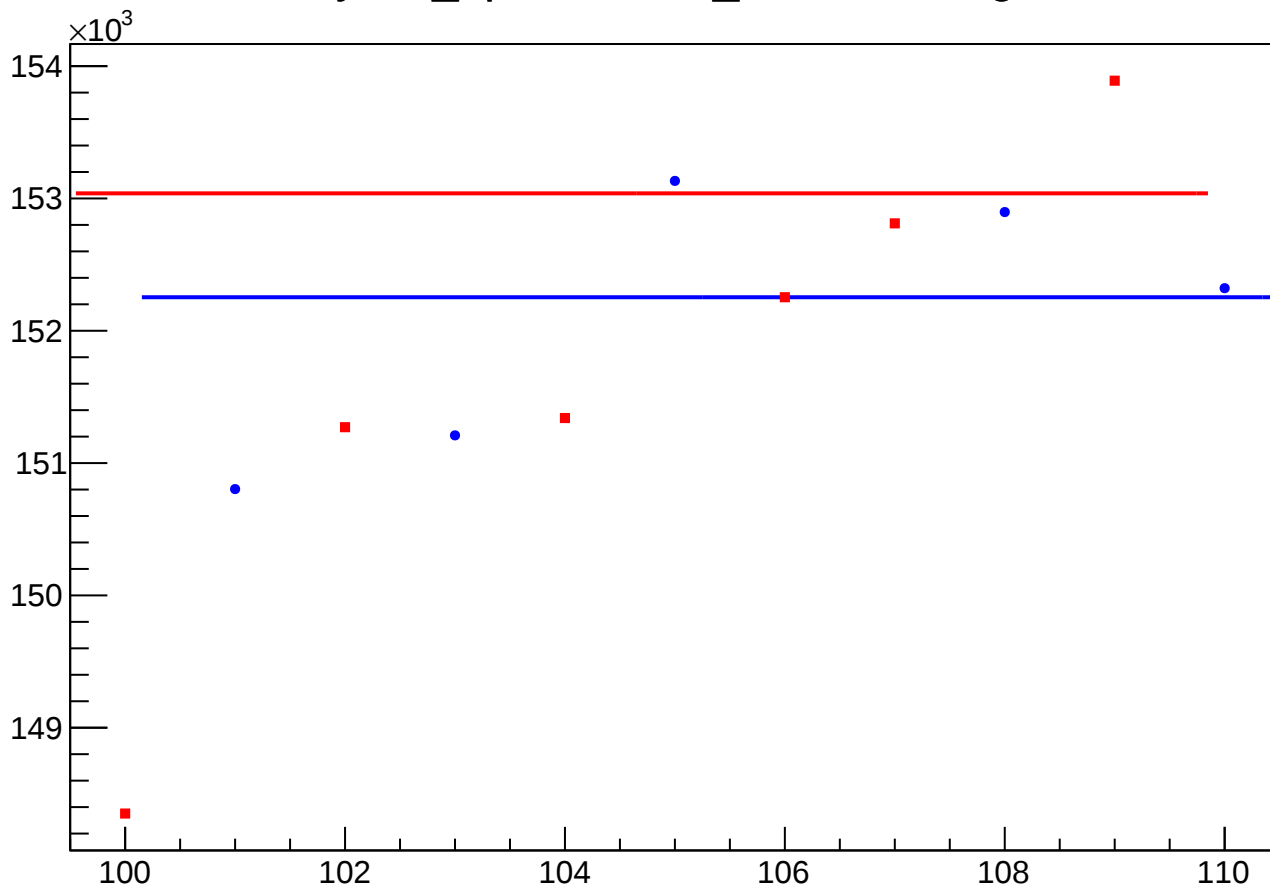
169.048+/-0.099 χ^2/NDF : 818204.9/4

Right Out: 177.098+/-0.094 χ^2/NDF : 738867.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

177.098+/-0.094 χ^2/NDF : 738867.8/5

yield_bpm0i07WS_mean vs slug



Right In: 152253.383 $\pm$ 0.154 χ^2 /NDF: 18669313.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

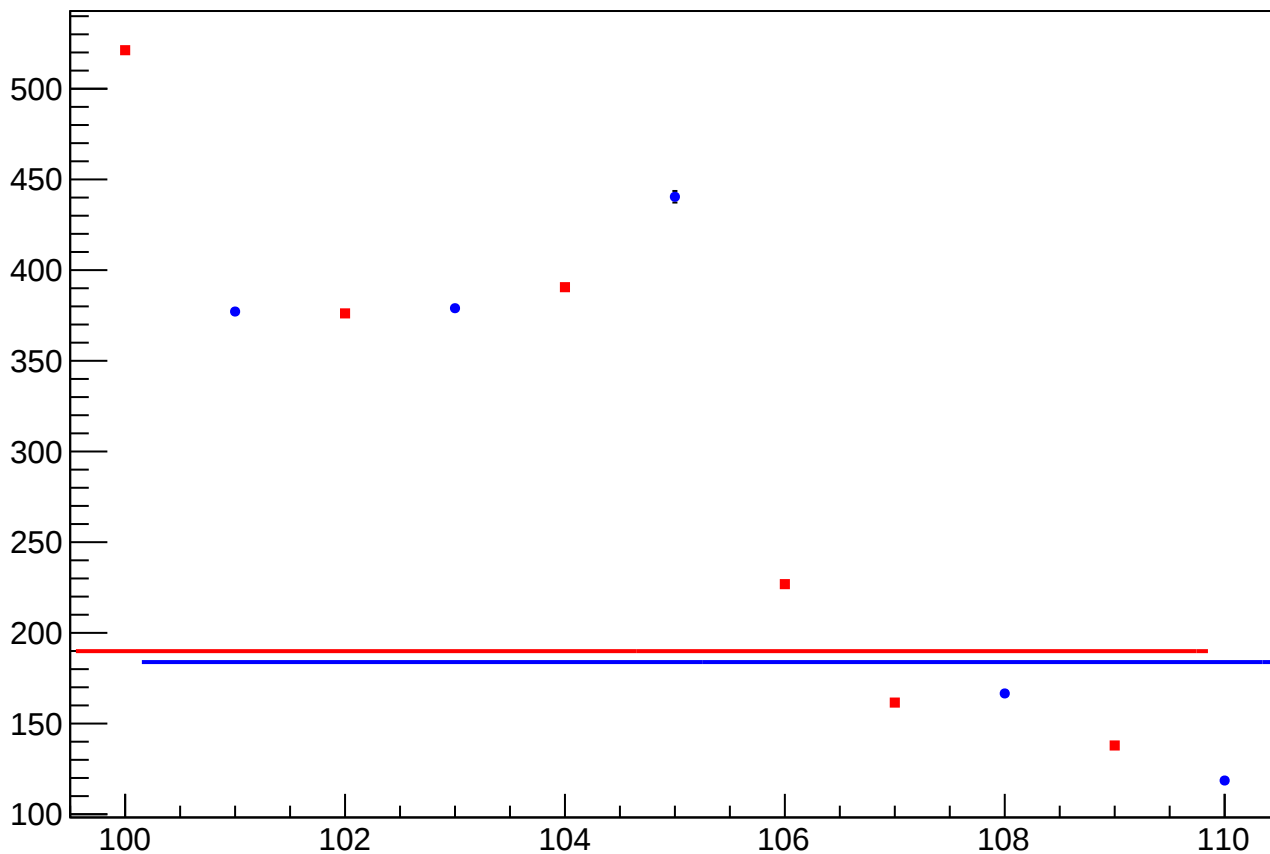
Right Out: 153038.608 $\pm$ 0.142 χ^2 /NDF: 47854702.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

152253.383 $\pm$ 0.154 χ^2 /NDF: 18669313.2/4

153038.608 $\pm$ 0.142 χ^2 /NDF: 47854702.2/5

yield_bpm0i07WS_rms vs slug



Right In: 183.900+/-0.109 χ^2/NDF : 798534.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

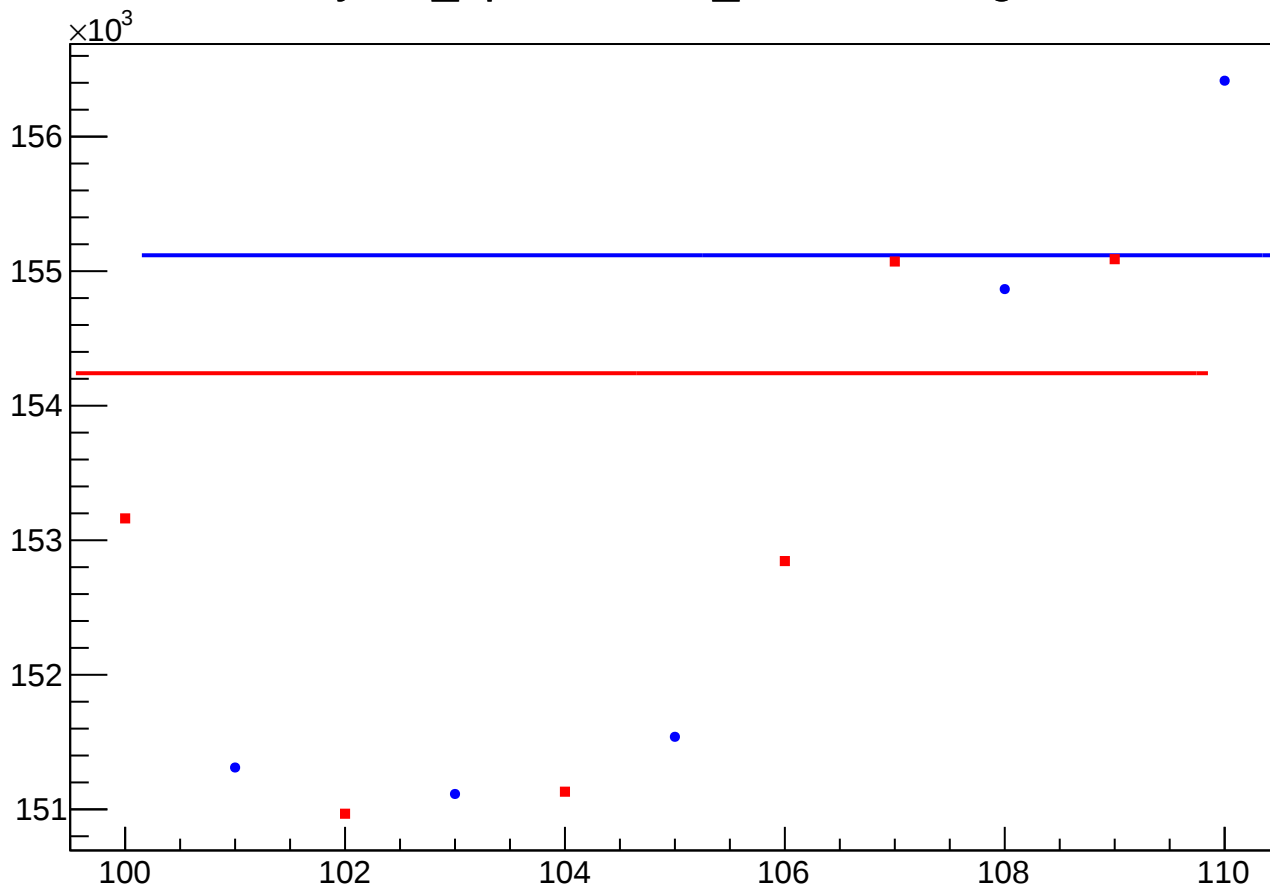
Right Out: 189.928+/-0.101 χ^2/NDF : 747170.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

183.900+/-0.109 χ^2/NDF : 798534.0/4

189.928+/-0.101 χ^2/NDF : 747170.2/5

yield_bpm1i02WS_mean vs slug



Right In: 155118.179 $\pm$ 0.140 χ^2 /NDF: 155713887.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

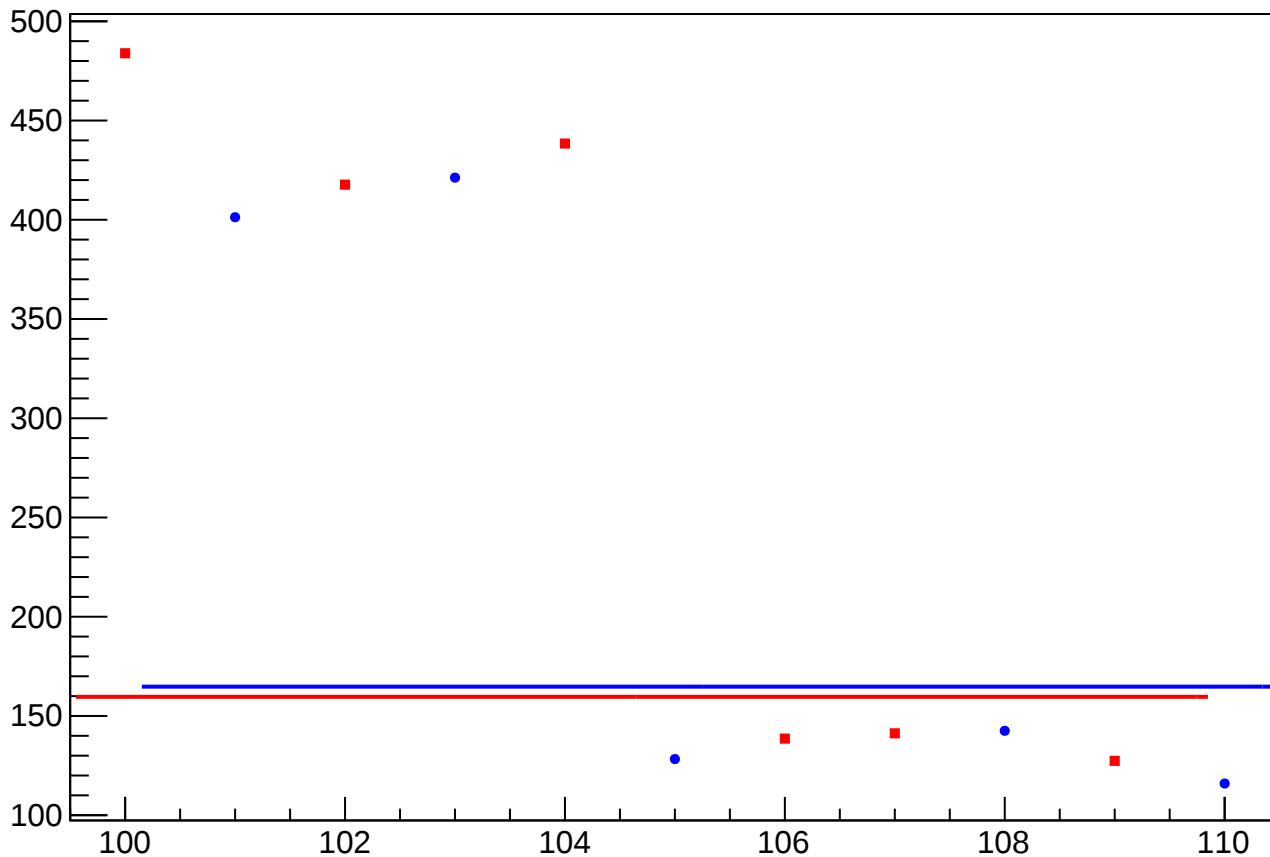
Right Out: 154241.498 $\pm$ 0.120 χ^2 /NDF: 122505160.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

155118.179 $\pm$ 0.140 χ^2 /NDF: 155713887.2/4

154241.498 $\pm$ 0.120 χ^2 /NDF: 122505160.9/5

yield_bpm1i02WS_rms vs slug



Right In: 164.768+/-0.099 χ^2/NDF : 968984.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

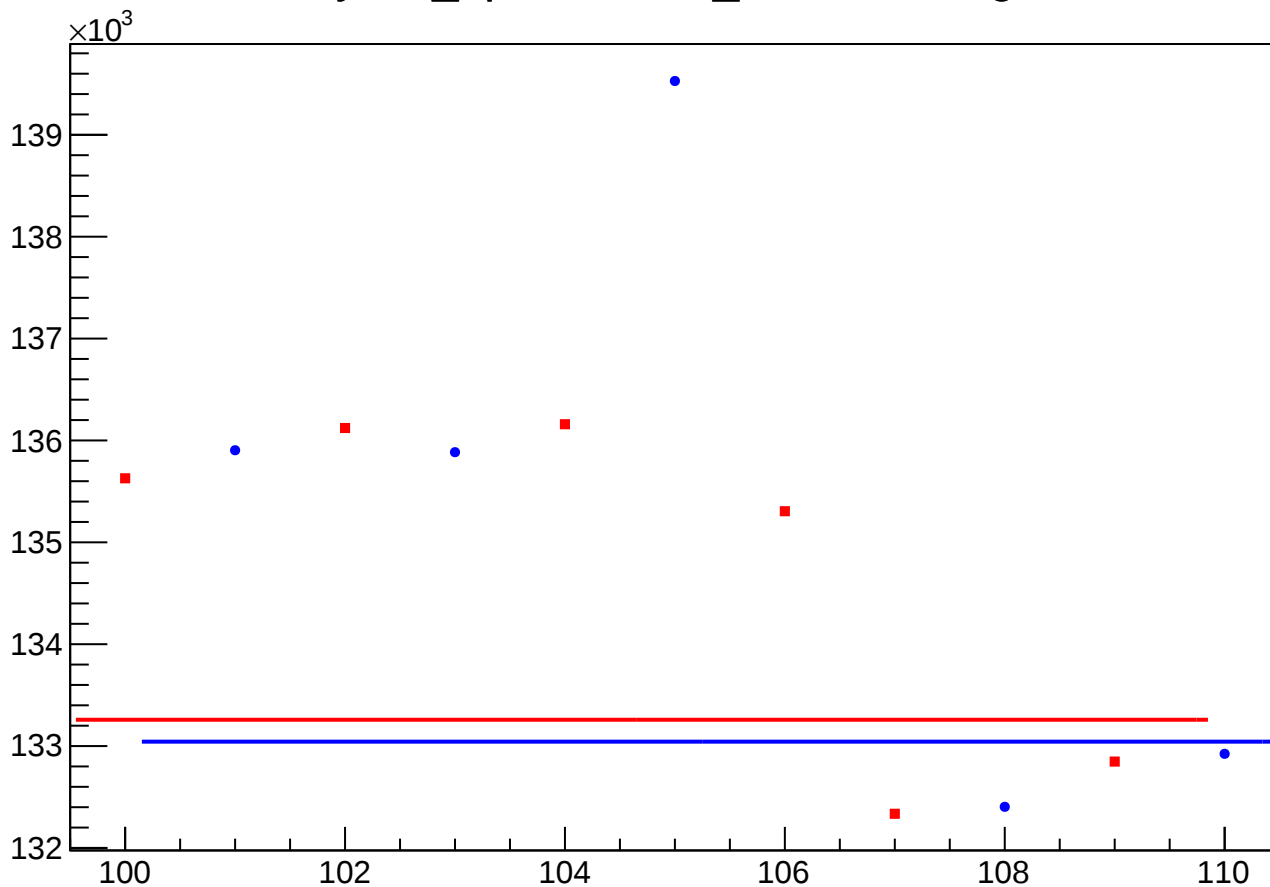
Right Out: 159.638+/-0.085 χ^2/NDF : 965120.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

164.768+/-0.099 χ^2/NDF : 968984.8/4

159.638+/-0.085 χ^2/NDF : 965120.5/5

yield_bpm1i04WS_mean vs slug



Right In: 133043.385 $\pm$ 0.108 χ^2 /NDF: 85325175.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

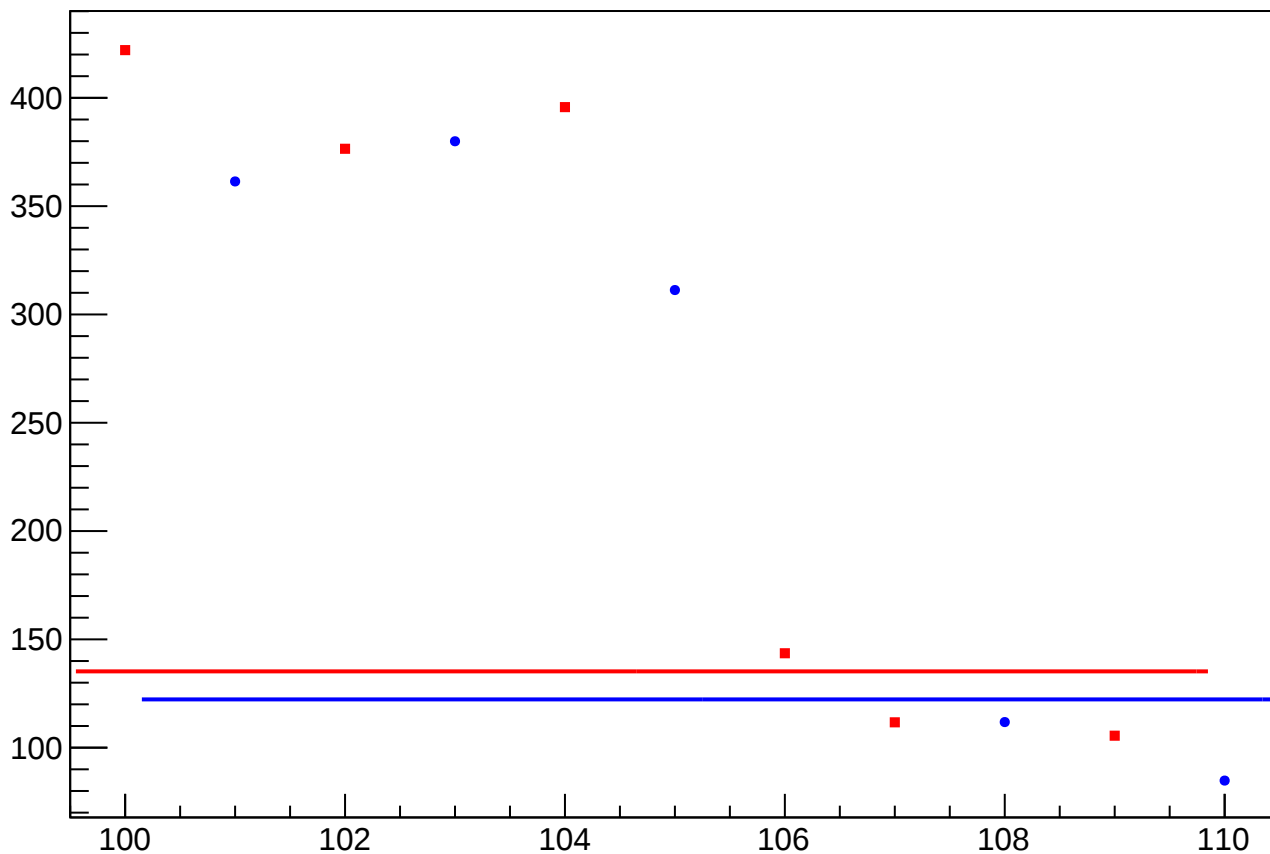
133043.385 $\pm$ 0.108 χ^2 /NDF: 85325175.9/4

Right Out: 133258.442 $\pm$ 0.105 χ^2 /NDF: 138478847.6/5

133258.442 $\pm$ 0.105 χ^2 /NDF: 138478847.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i04WS_rms vs slug



Right In: 122.279+/-0.076 χ^2/NDF : 1182237.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

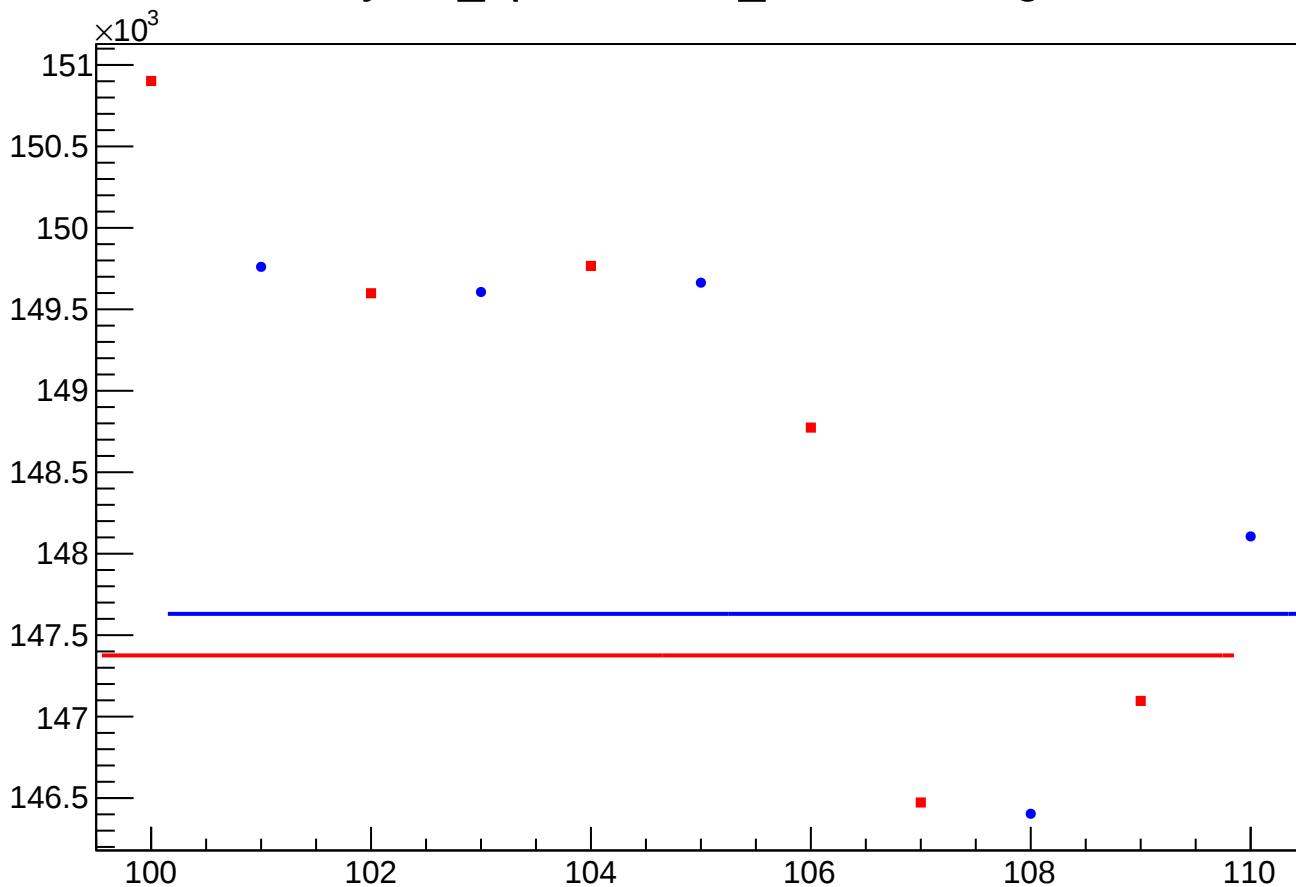
122.279+/-0.076 χ^2/NDF : 1182237.8/4

Right Out: 135.220+/-0.074 χ^2/NDF : 1048752.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.220+/-0.074 χ^2/NDF : 1048752.8/5

yield_bpm1i06WS_mean vs slug



Right In: 147630.770 $\pm$ 0.128 χ^2 /NDF: 73223811.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

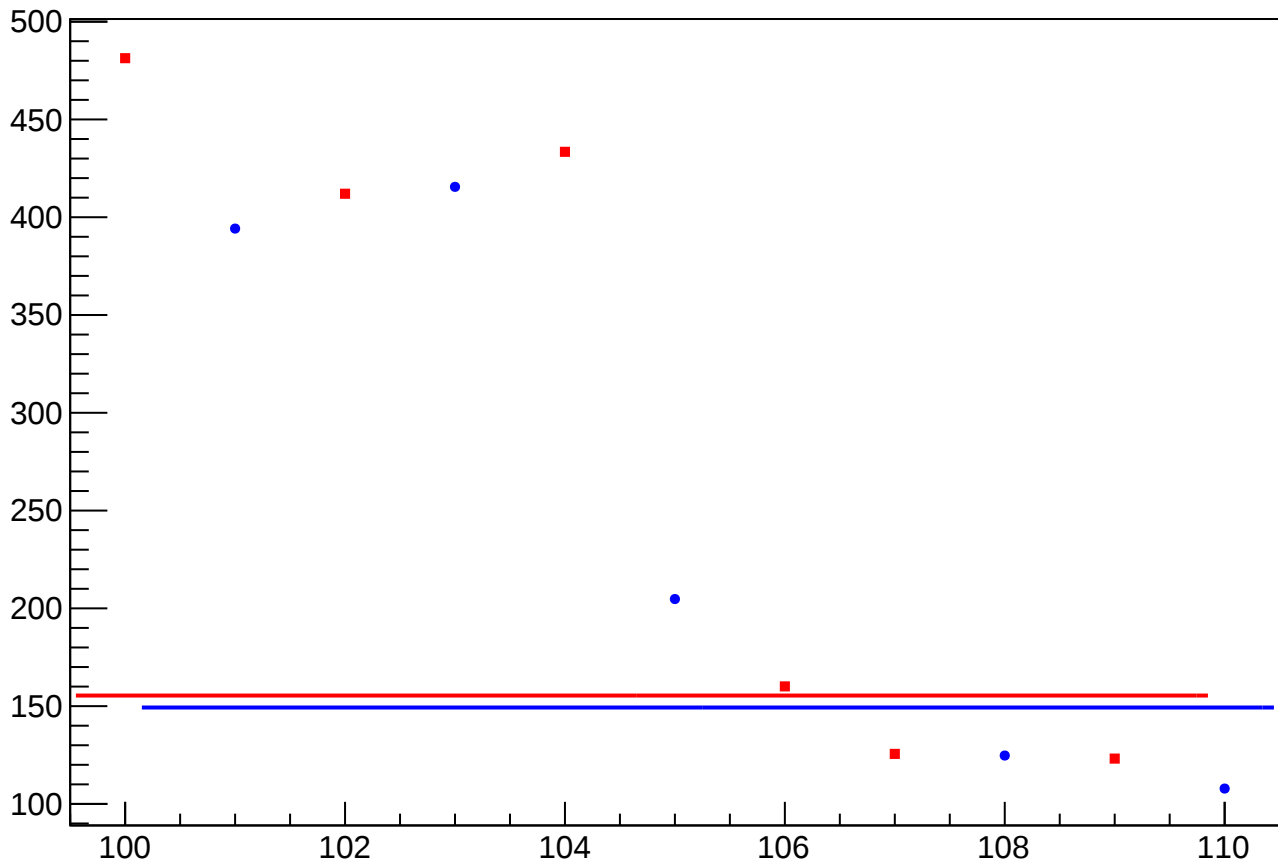
Right Out: 147375.669 $\pm$ 0.119 χ^2 /NDF: 75909232.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

147630.770 $\pm$ 0.128 χ^2 /NDF: 73223811.3/4

147375.669 $\pm$ 0.119 χ^2 /NDF: 75909232.1/5

yield_bpm1i06WS_rms vs slug



Right In: 149.304 $\pm$ 0.091 χ^2 /NDF: 1049110.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

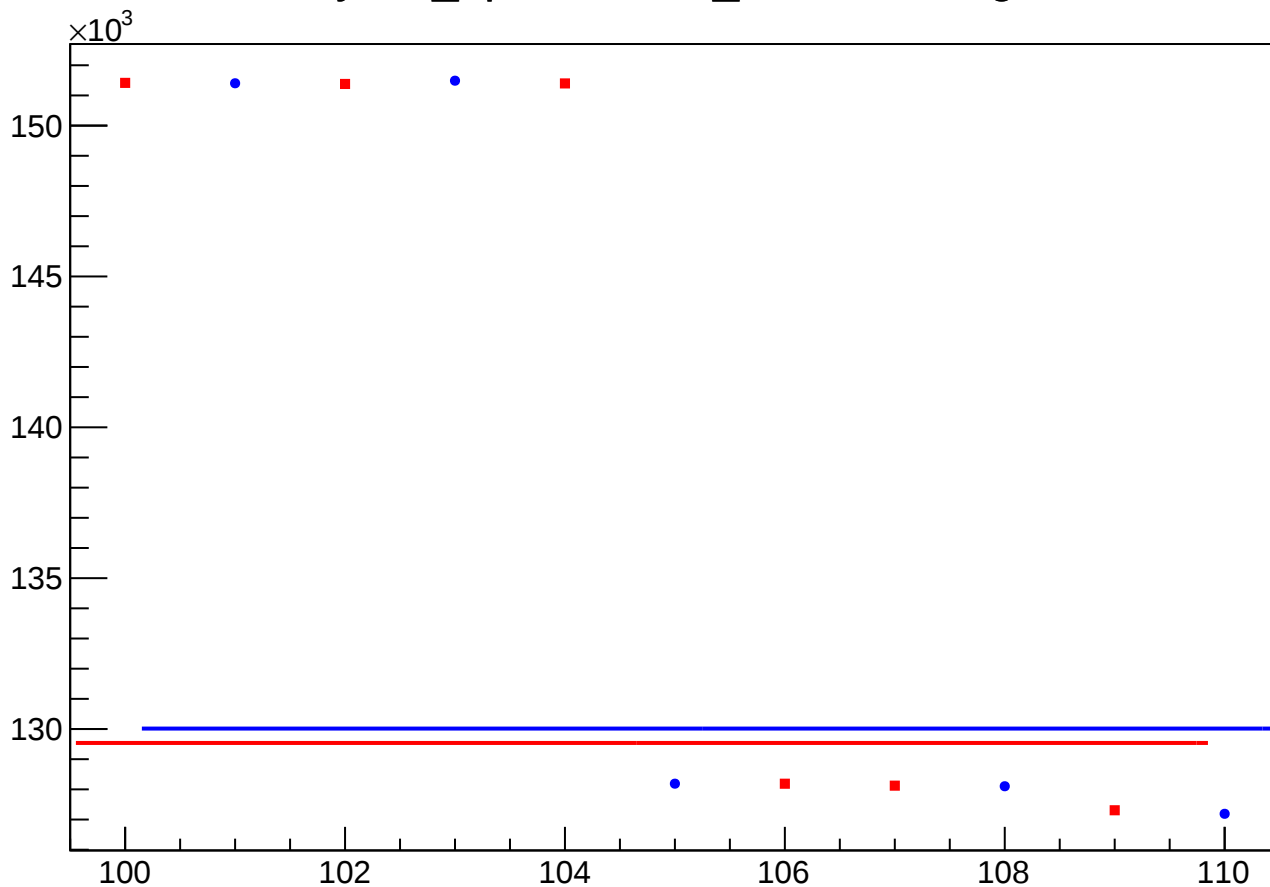
149.304 $\pm$ 0.091 χ^2 /NDF: 1049110.8/4

Right Out: 155.423 $\pm$ 0.084 χ^2 /NDF: 999127.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

155.423 $\pm$ 0.084 χ^2 /NDF: 999127.8/5

yield_bpm2i01WS_mean vs slug



Right In: 130014.951 $\pm$ 0.119 χ^2 /NDF: 3750769881.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

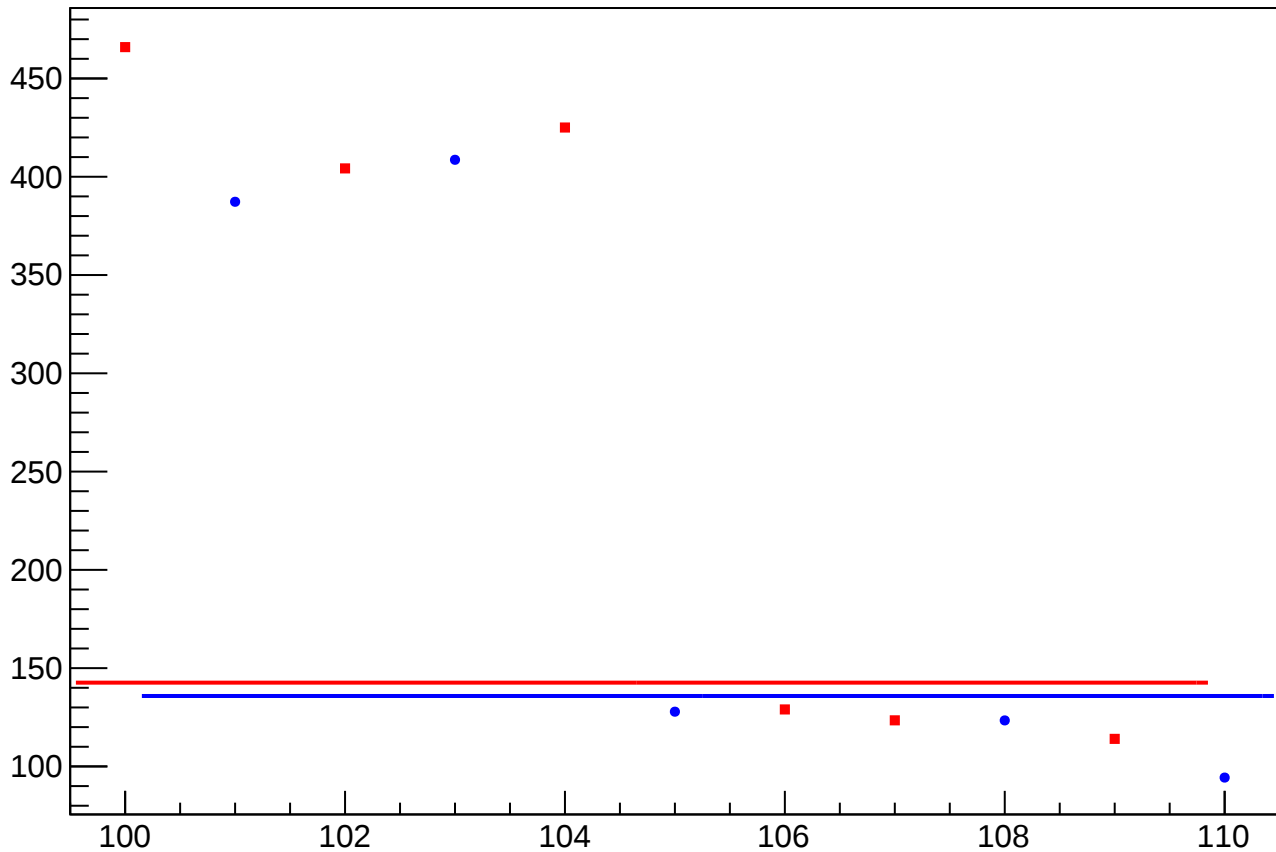
Right Out: 129538.277 $\pm$ 0.109 χ^2 /NDF: 3311654396.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

130014.951 $\pm$ 0.119 χ^2 /NDF: 3750769881.6/4

129538.277 $\pm$ 0.109 χ^2 /NDF: 3311654396.8/5

yield_bpm2i01WS_rms vs slug



Right In: 135.835 $\pm$ 0.084 χ^2 /NDF: 1139424.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

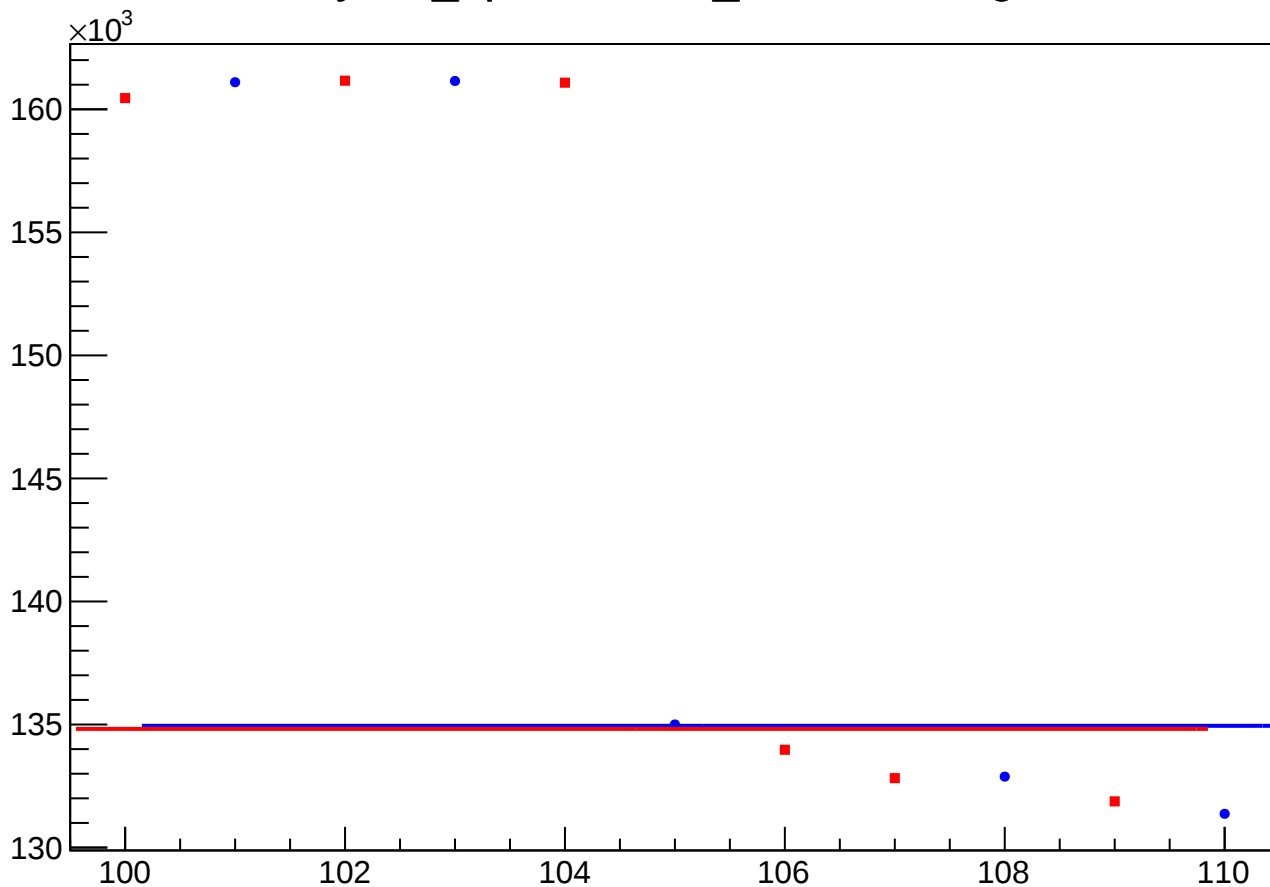
135.835 $\pm$ 0.084 χ^2 /NDF: 1139424.6/4

Right Out: 142.624 $\pm$ 0.077 χ^2 /NDF: 1043103.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.624 $\pm$ 0.077 χ^2 /NDF: 1043103.0/5

yield_bpm2i02WS_mean vs slug



Right In: 134947.452 $\pm$ 0.125 χ^2 /NDF: 5035349018.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

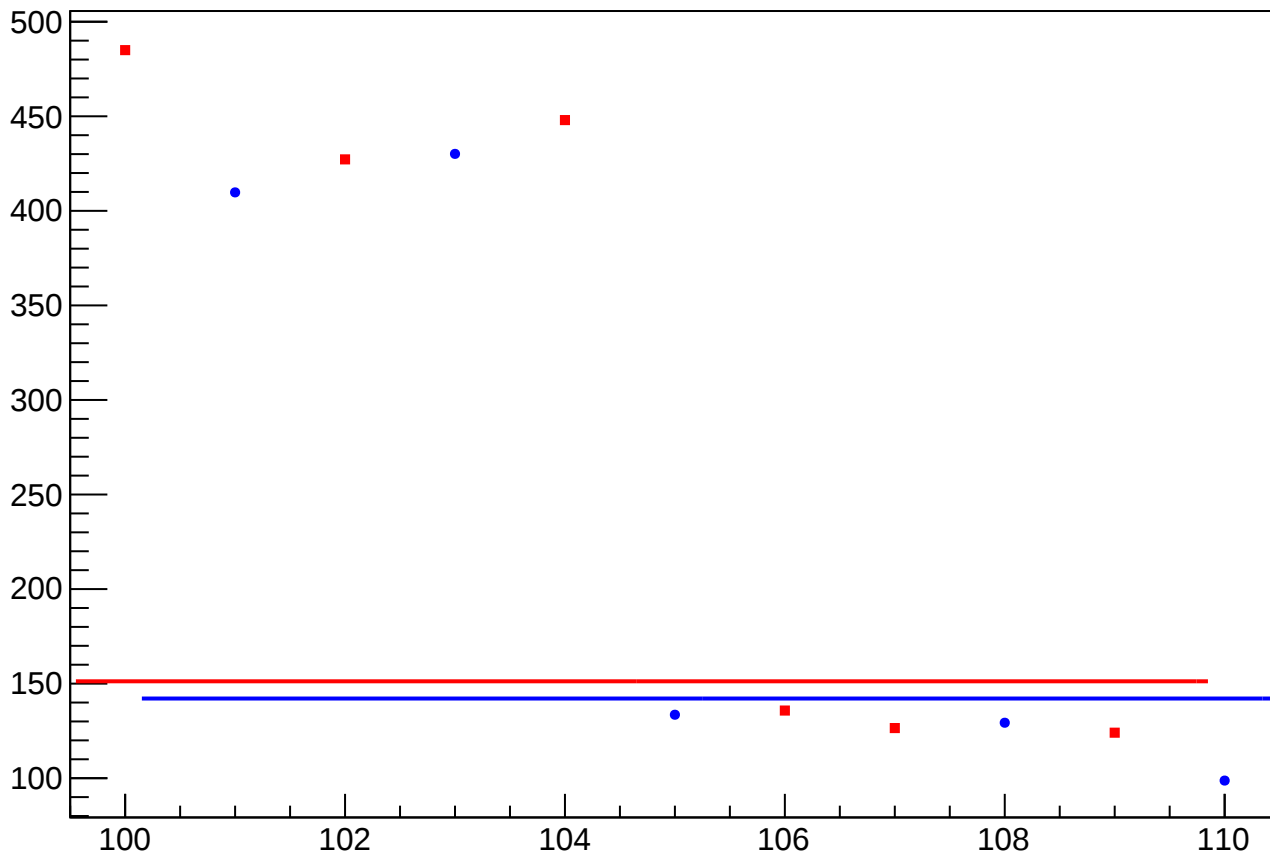
134947.452 $\pm$ 0.125 χ^2 /NDF: 5035349018.2/4

Right Out: 134821.921 $\pm$ 0.115 χ^2 /NDF: 4333539057.4/5

134821.921 $\pm$ 0.115 χ^2 /NDF: 4333539057.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i02WS_rms vs slug



Right In: 142.126+/-0.088 χ^2/NDF : 1147918.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

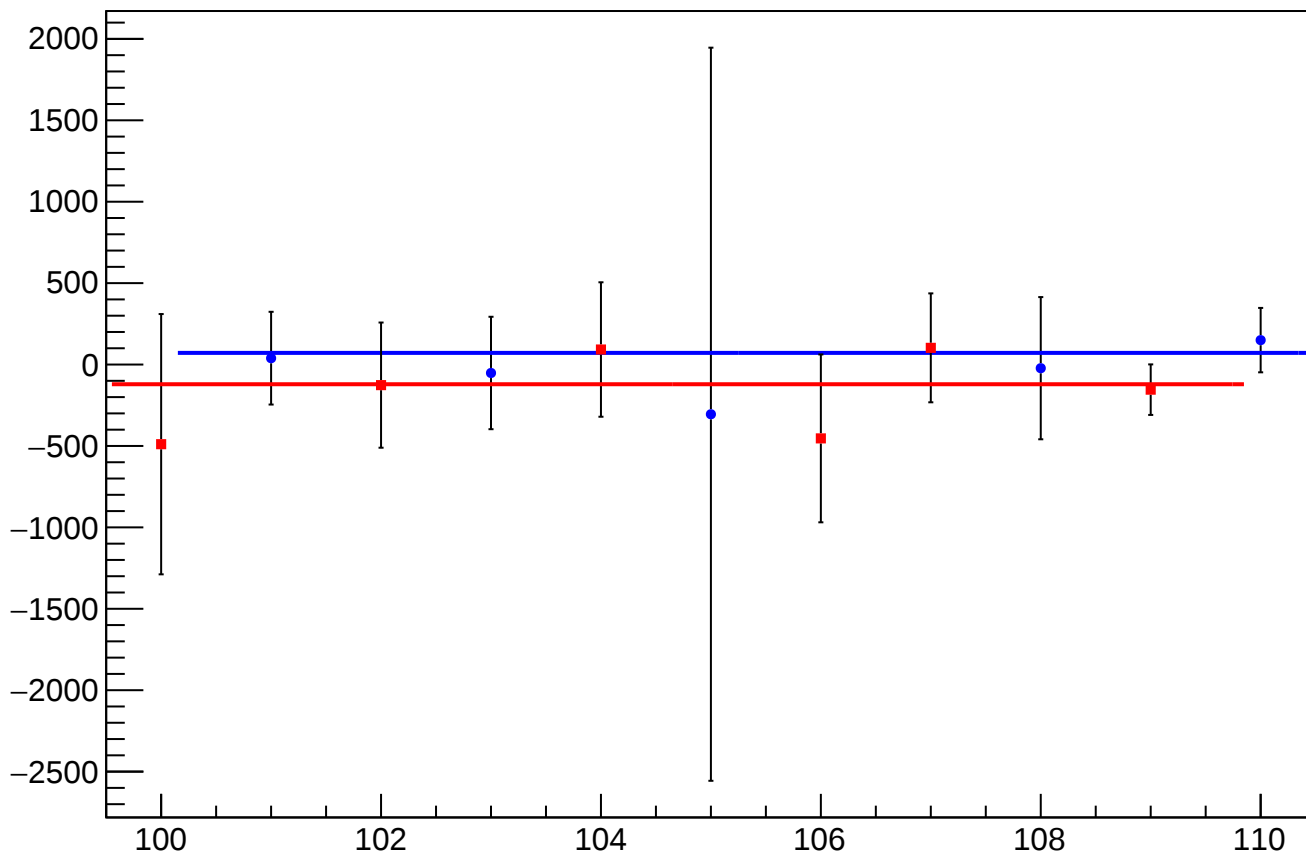
142.126+/-0.088 χ^2/NDF : 1147918.5/4

Right Out: 151.234+/-0.081 χ^2/NDF : 1034564.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

151.234+/-0.081 χ^2/NDF : 1034564.4/5

asym_bcm_an_ds_mean vs slug



Right In: 71.623+/-139.038 χ^2/NDF : 0.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

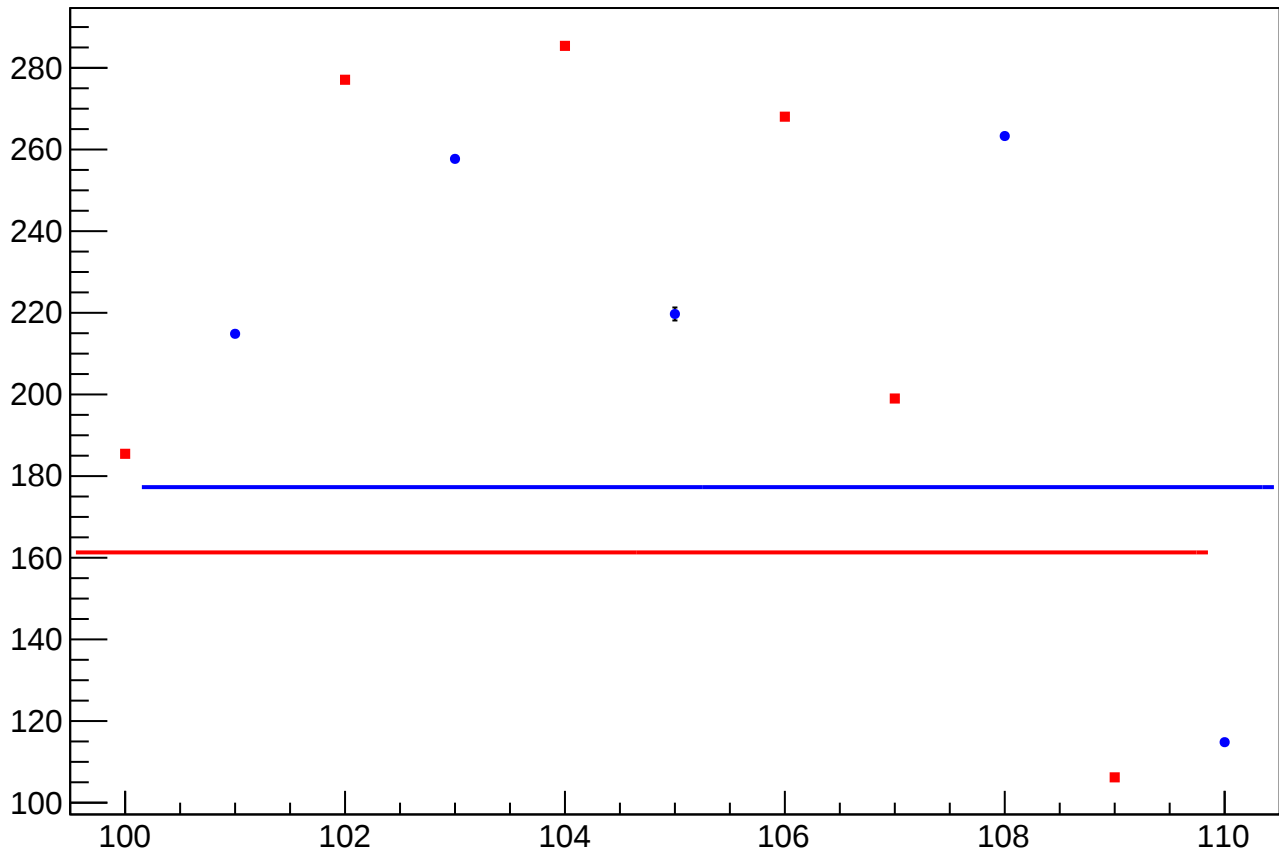
Right Out: -120.923+/-120.894 χ^2/NDF : 1.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

71.623+/-139.038 χ^2/NDF : 0.4/4

-120.923+/-120.894 χ^2/NDF : 1.4/5

asym_bcm_an_ds_rms vs slug



Right In: 177.299 $\pm$ 0.098 χ^2 /NDF: 421185.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

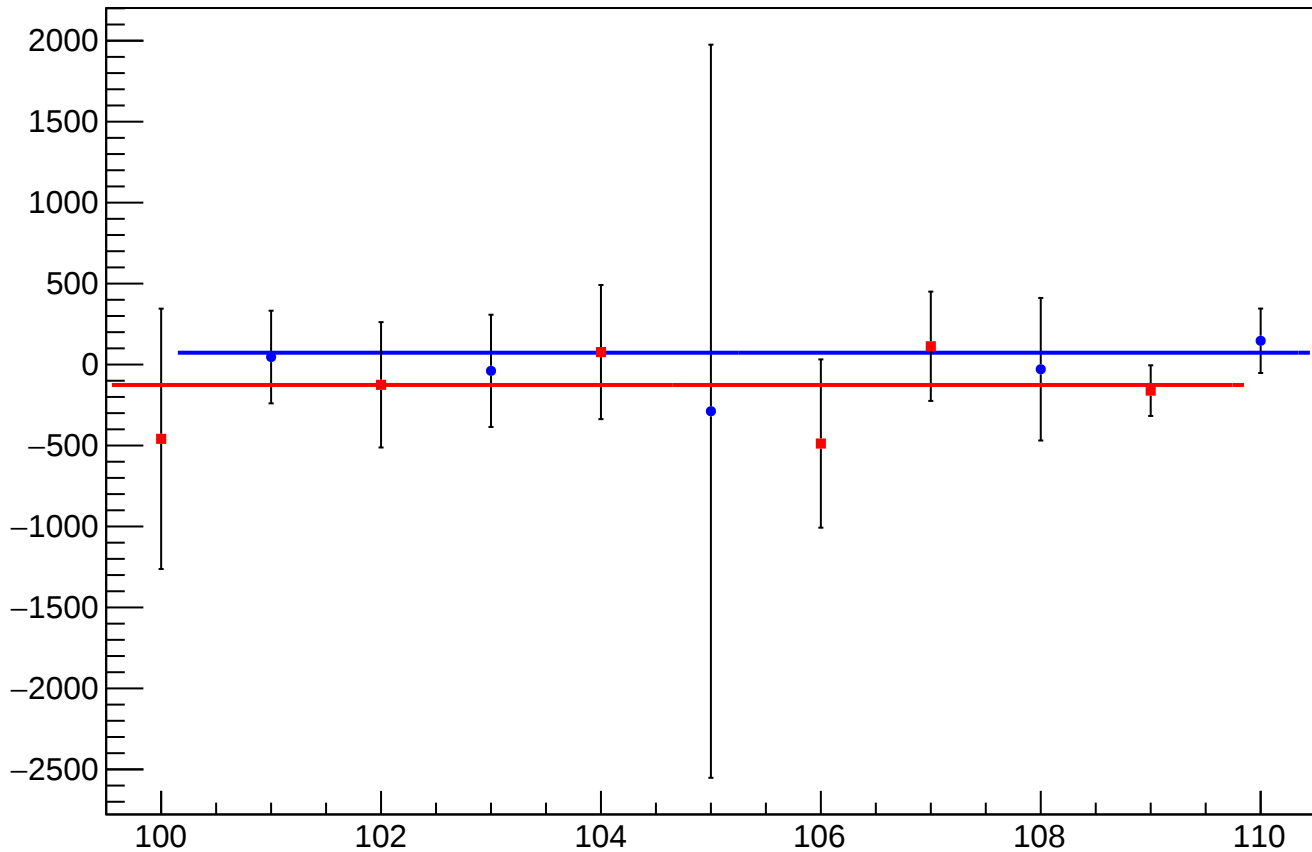
177.299 $\pm$ 0.098 χ^2 /NDF: 421185.0/4

Right Out: 161.308 $\pm$ 0.085 χ^2 /NDF: 727159.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

161.308 $\pm$ 0.085 χ^2 /NDF: 727159.1/5

asym_bcm_an_ds3_mean vs slug



Right In: 73.203+/-139.825 χ^2/NDF : 0.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

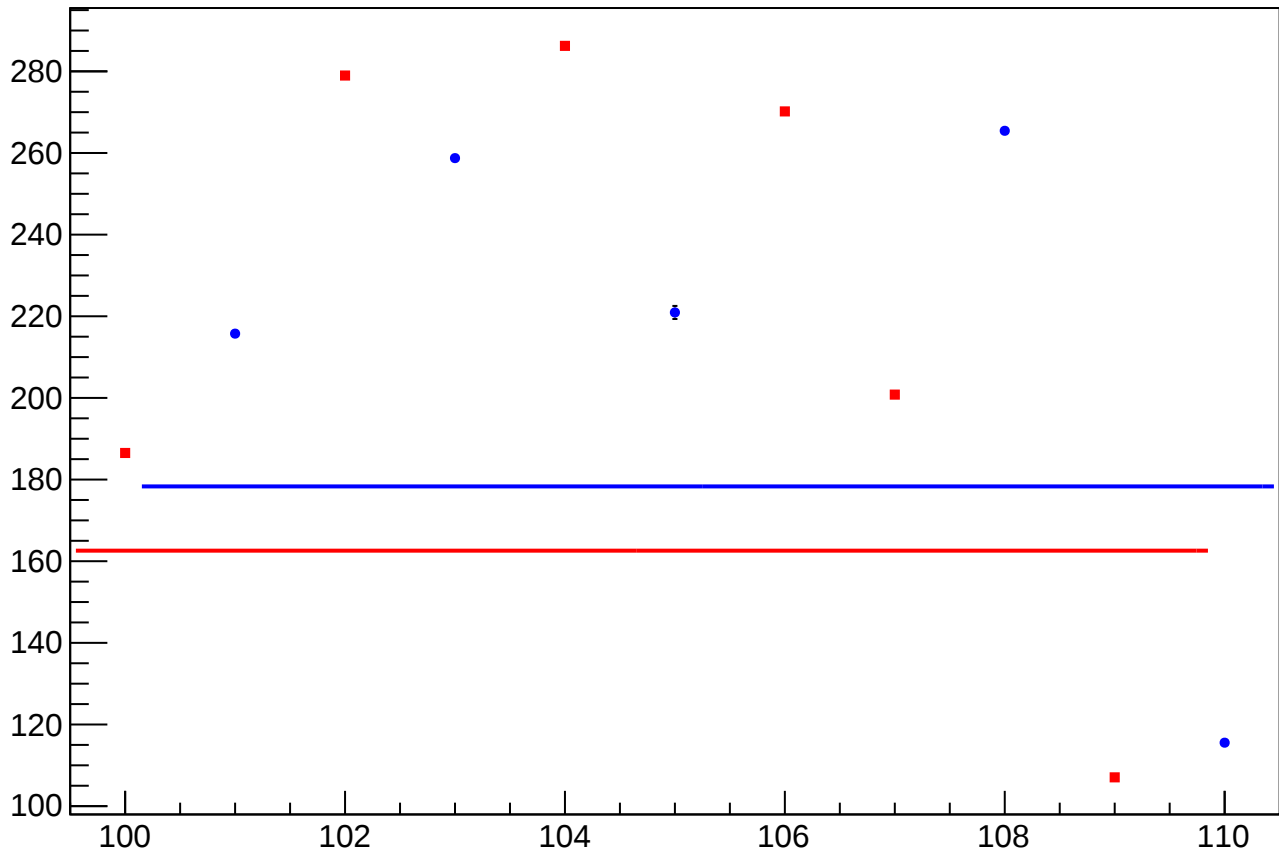
Right Out: -125.921+/-121.811 χ^2/NDF : 1.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

73.203+/-139.825 χ^2/NDF : 0.3/4

-125.921+/-121.811 χ^2/NDF : 1.4/5

asym_bcm_an_ds3_rms vs slug



Right In: 178.323+/-0.099 χ^2/NDF : 419918.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

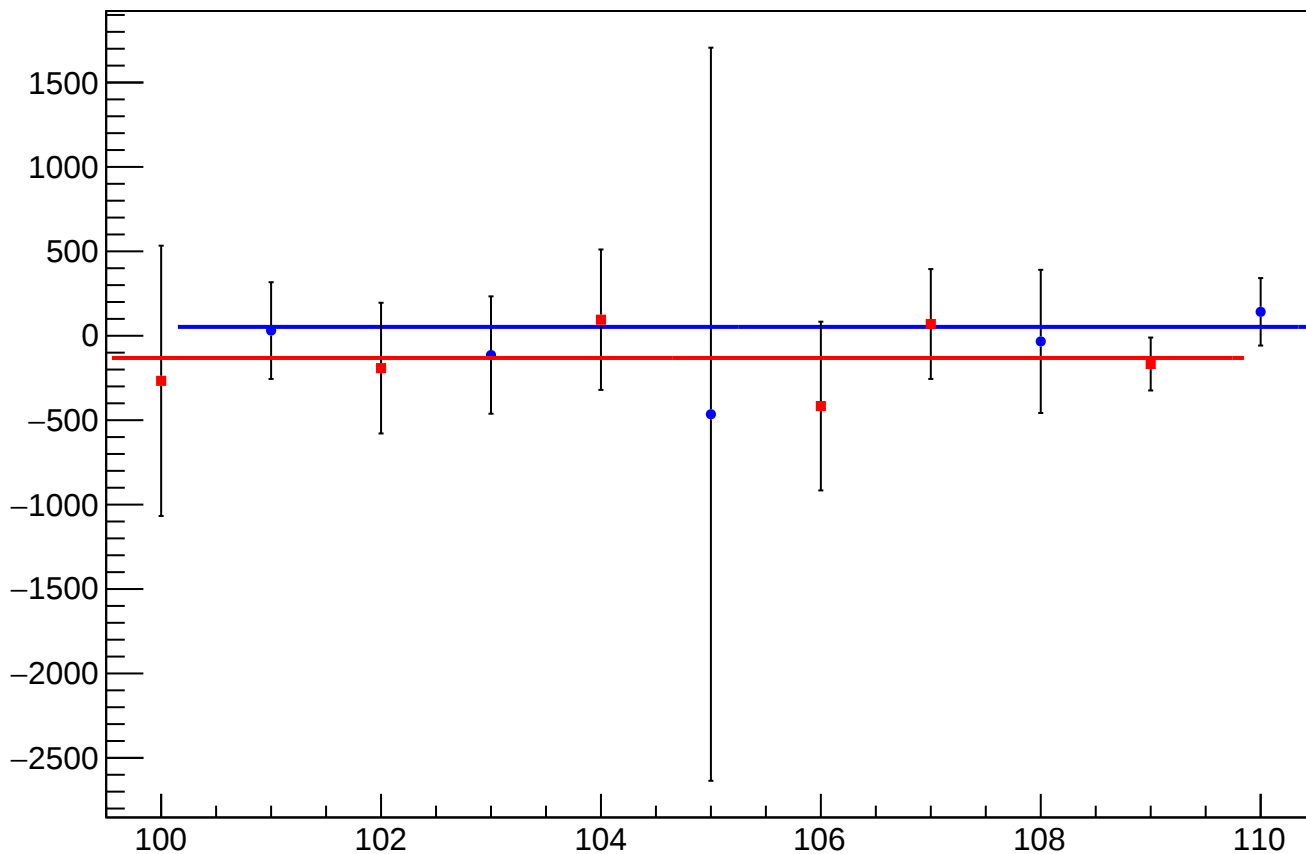
178.323+/-0.099 χ^2/NDF : 419918.6/4

Right Out: 162.585+/-0.086 χ^2/NDF : 724337.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

162.585+/-0.086 χ^2/NDF : 724337.8/5

asym_bcm_an_us_mean vs slug



Right In: 52.587+/-139.640 χ^2/NDF : 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

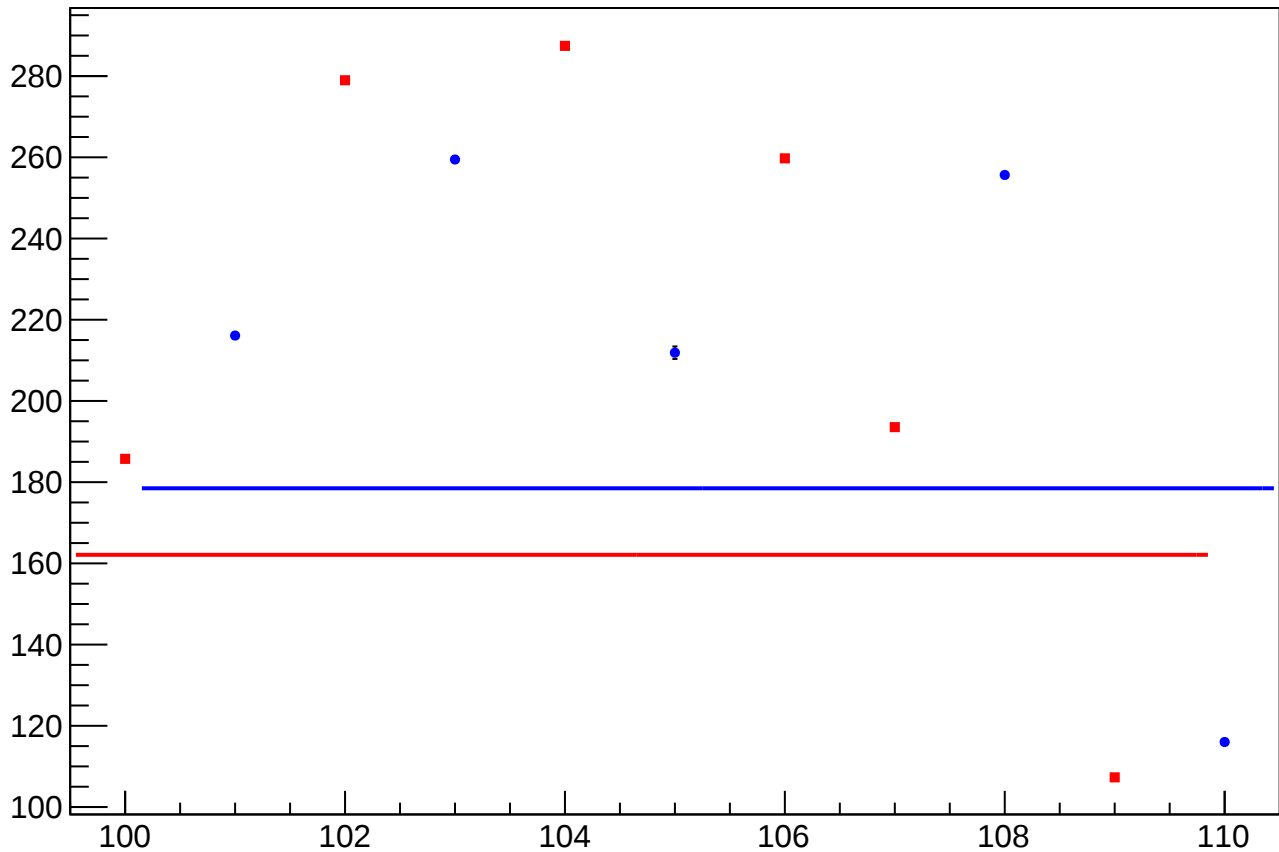
Right Out: -131.455+/-121.124 χ^2/NDF : 1.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

52.587+/-139.640 χ^2/NDF : 0.5/4

-131.455+/-121.124 χ^2/NDF : 1.1/5

asym_bcm_an_us_rms vs slug



Right In: 178.493 $\pm$ 0.099 χ^2 /NDF: 405279.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

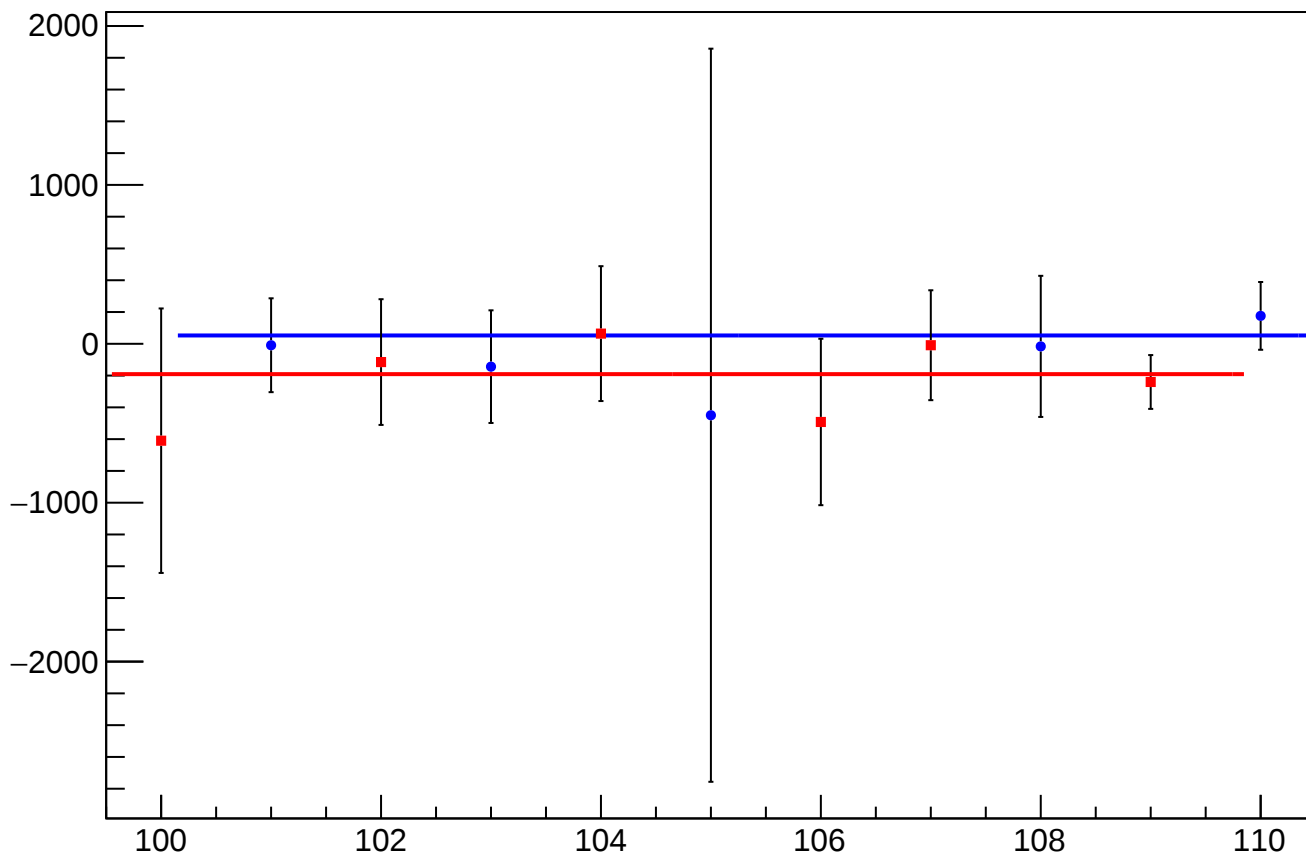
Right Out: 162.108 $\pm$ 0.086 χ^2 /NDF: 705204.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

178.493 $\pm$ 0.099 χ^2 /NDF: 405279.9/4

162.108 $\pm$ 0.086 χ^2 /NDF: 705204.1/5

asym_bcm_dg_us_mean vs slug



Right In: 52.461+/-146.365 χ^2/NDF : 0.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

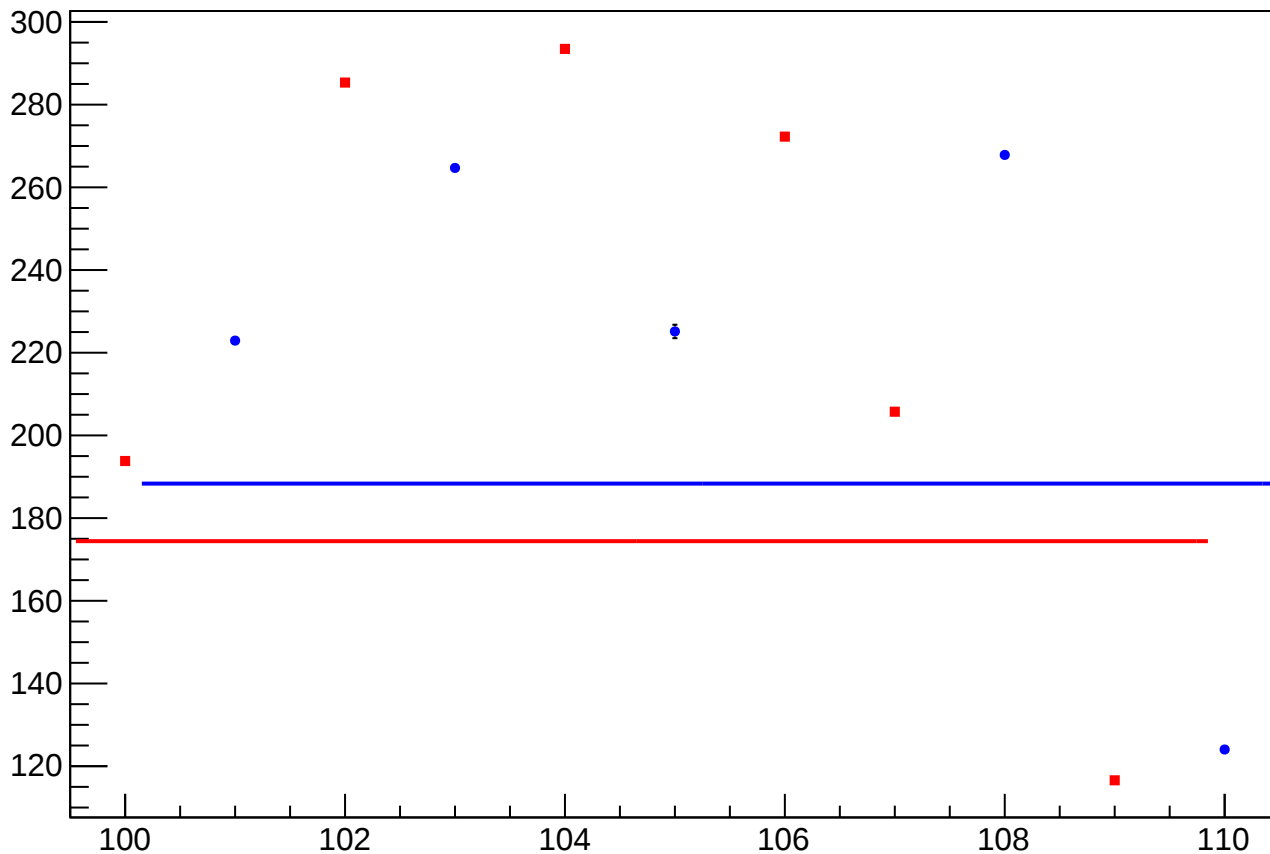
Right Out: -190.923+/-128.819 χ^2/NDF : 1.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

52.461+/-146.365 χ^2/NDF : 0.8/4

-190.923+/-128.819 χ^2/NDF : 1.3/5

asym_bcm_dg_us_rms vs slug



Right In: 188.348 $\pm$ 0.103 χ^2 /NDF: 366749.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

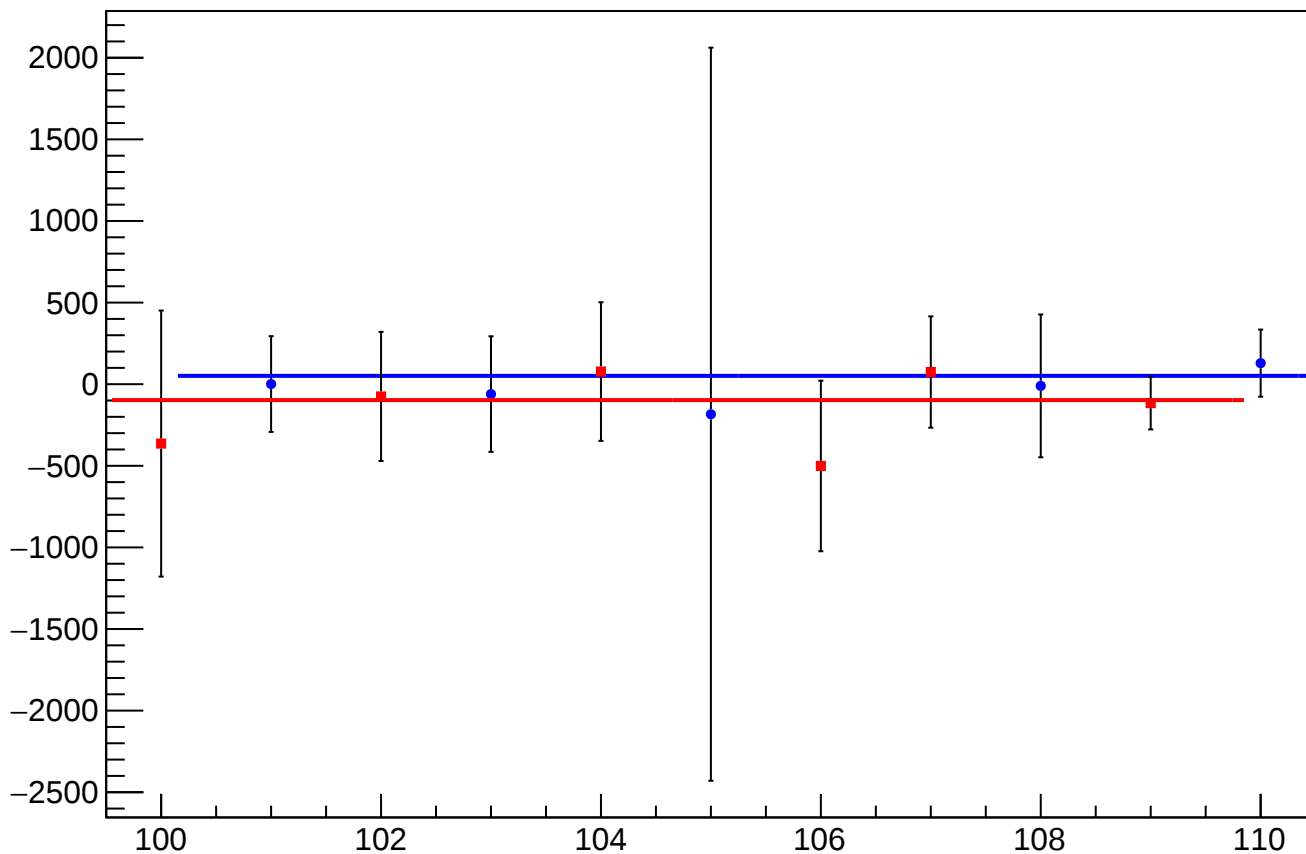
Right Out: 174.425 $\pm$ 0.091 χ^2 /NDF: 635179.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

188.348 $\pm$ 0.103 χ^2 /NDF: 366749.4/4

174.425 $\pm$ 0.091 χ^2 /NDF: 635179.9/5

asym_bcm_dg_ds_mean vs slug



Right In: 51.086+/-143.312 χ^2/NDF : 0.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

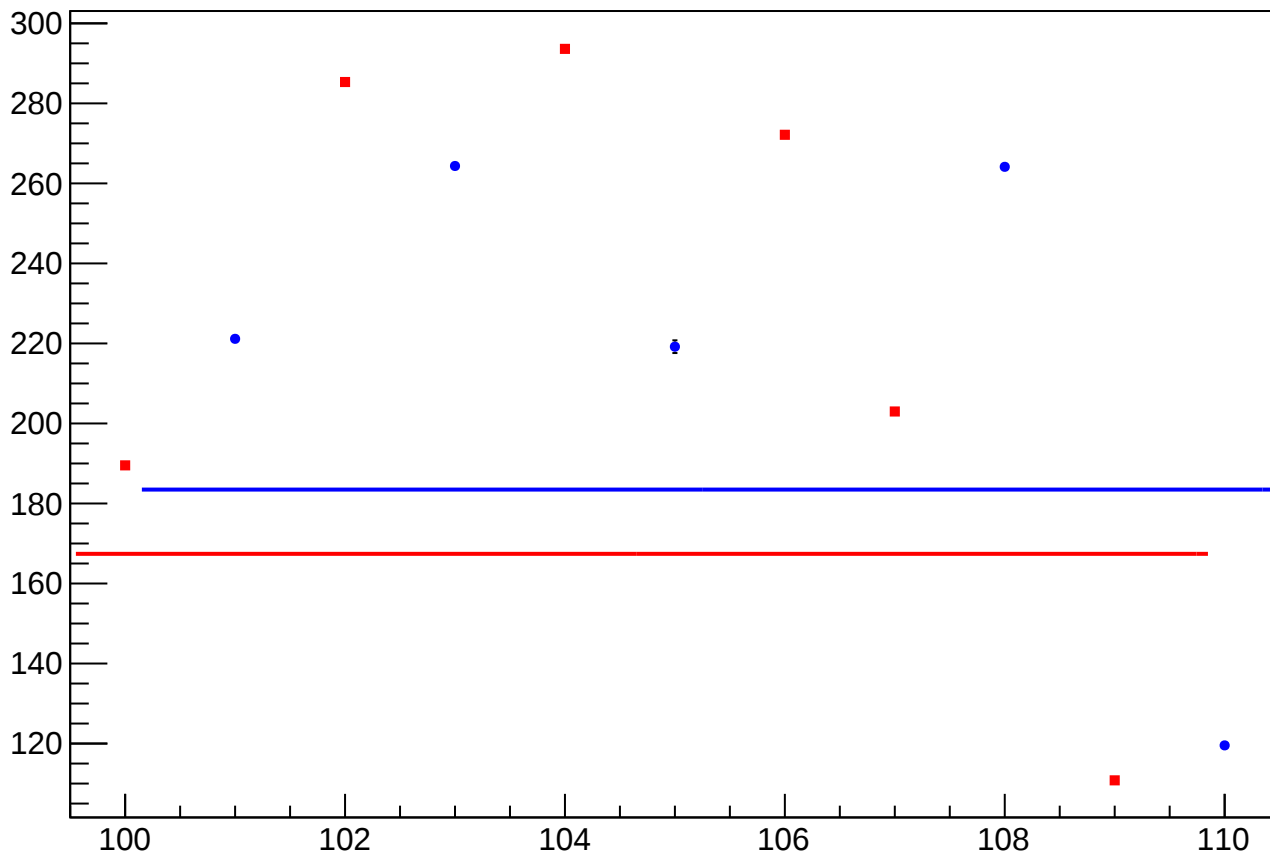
Right Out: -97.419+/-124.881 χ^2/NDF : 1.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

51.086+/-143.312 χ^2/NDF : 0.3/4

-97.419+/-124.881 χ^2/NDF : 1.1/5

asym_bcm_dg_ds_rms vs slug



Right In: 183.475+/-0.101 χ^2/NDF : 399304.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

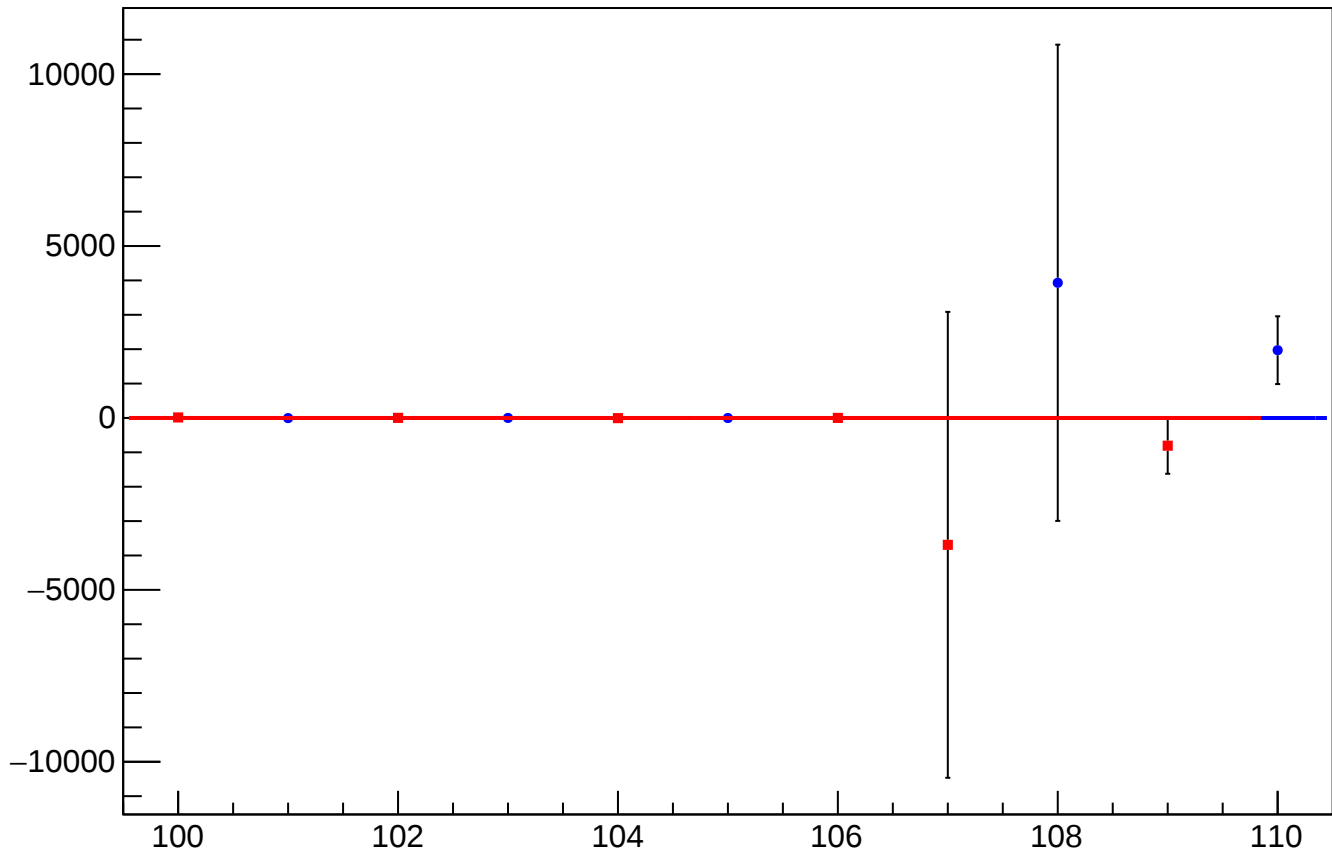
183.475+/-0.101 χ^2/NDF : 399304.6/4

Right Out: 167.414+/-0.088 χ^2/NDF : 704053.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

167.414+/-0.088 χ^2/NDF : 704053.4/5

asym_cav4bQ_mean vs slug



Right In: -1.517+/-2.238 χ^2 /NDF: 5.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

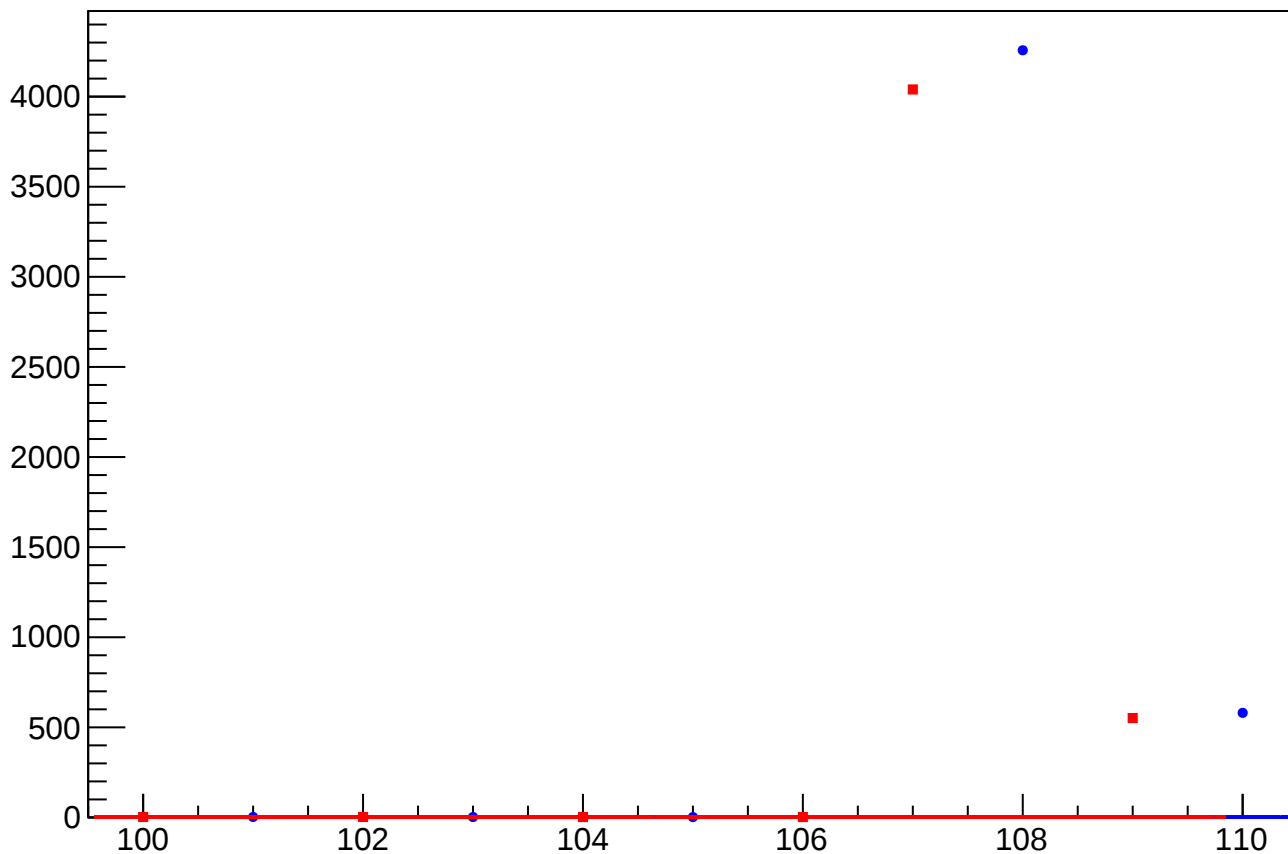
Right Out: -0.717+/-2.111 χ^2 /NDF: 7.2/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.517+/-2.238 χ^2 /NDF: 5.6/4

-0.717+/-2.111 χ^2 /NDF: 7.2/5

asym_cav4bQ_rms vs slug



Right In: 2.408+/-0.002 χ^2/NDF : 1457441.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

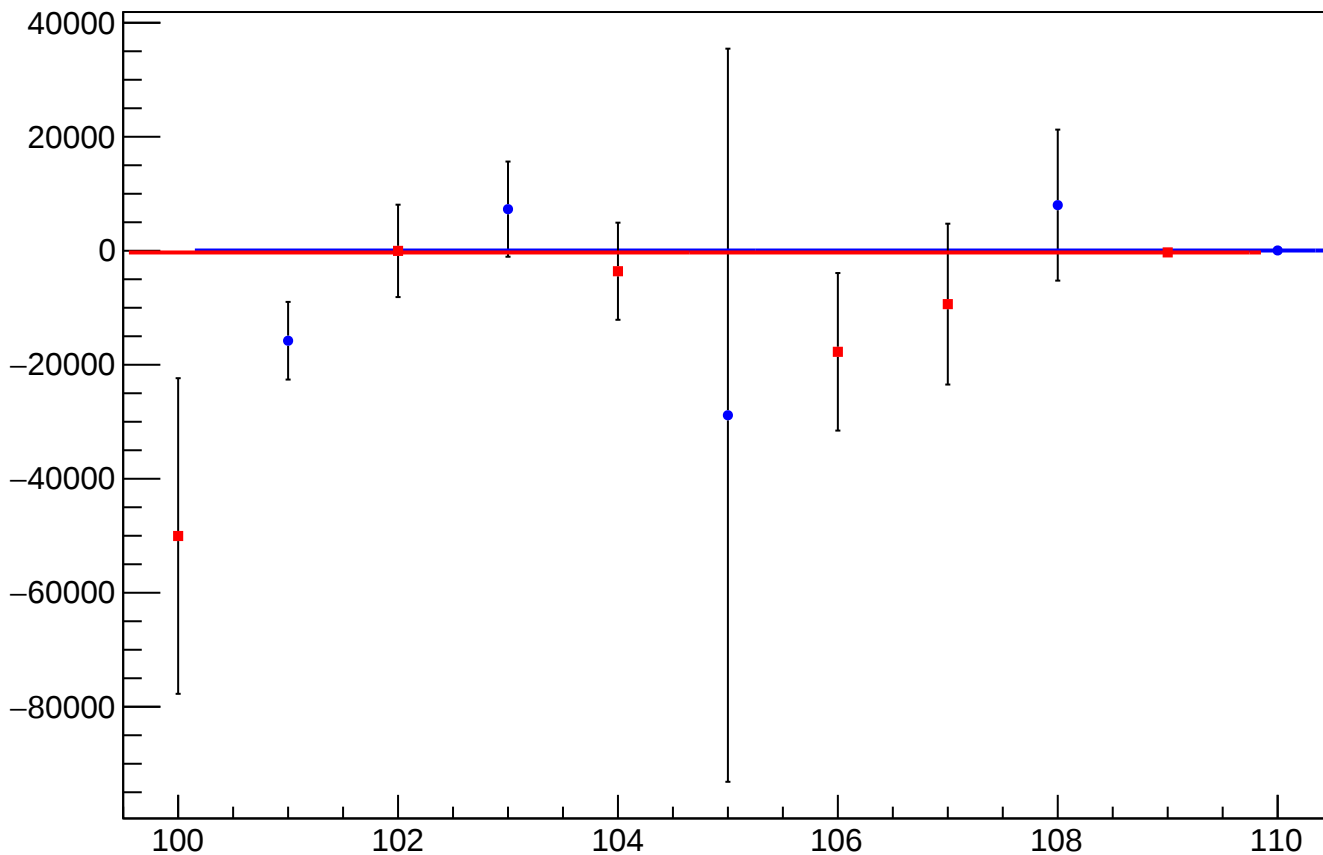
Right Out: 2.400+/-0.001 χ^2/NDF : 1627529.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.408+/-0.002 χ^2/NDF : 1457441.1/4

2.400+/-0.001 χ^2/NDF : 1627529.3/5

asym_cav4cQ_mean vs slug



Right In: 44.131+/-211.969 χ^2 /NDF: 6.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

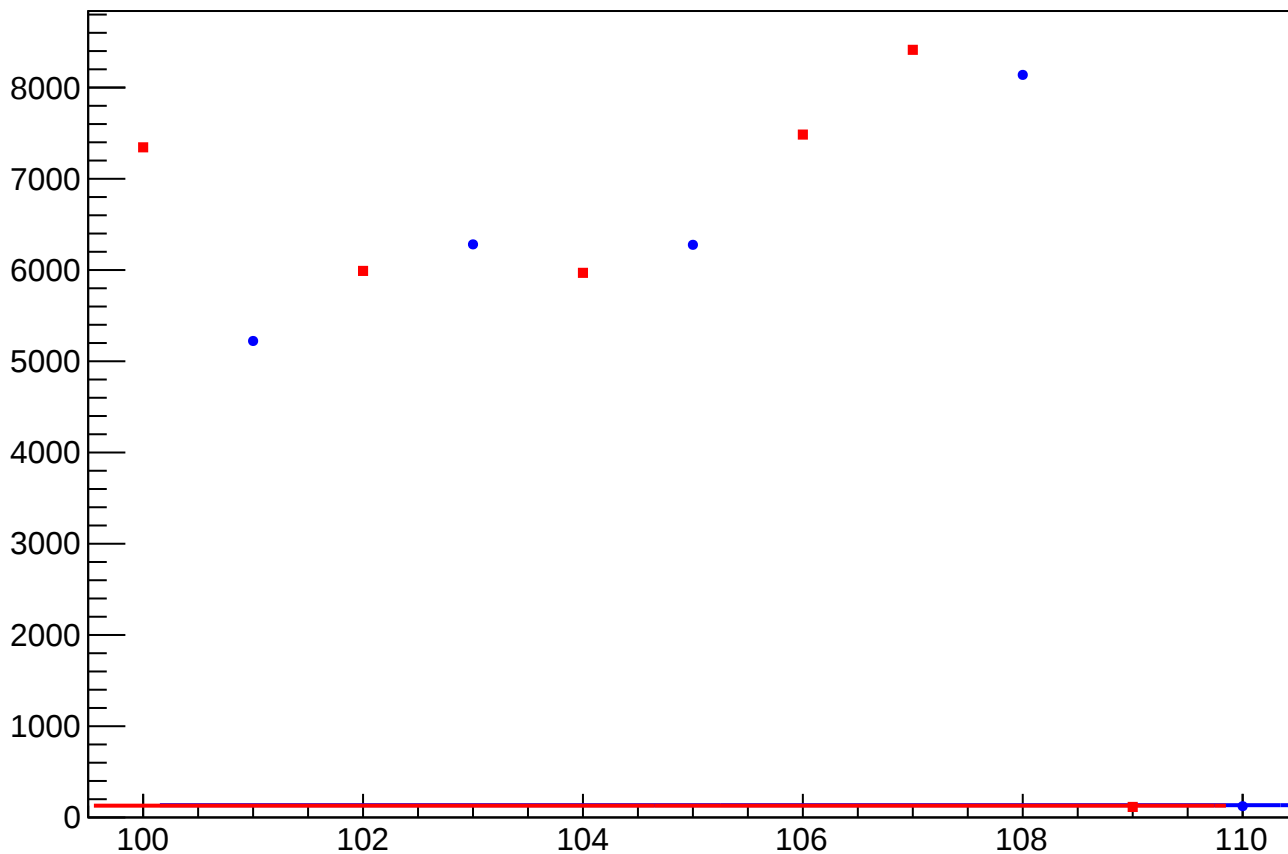
Right Out: -300.509+/-231.694 χ^2 /NDF: 5.4/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

44.131+/-211.969 χ^2 /NDF: 6.7/4

-300.509+/-231.694 χ^2 /NDF: 5.4/5

asym_cav4cQ_rms vs slug



Right In: 134.525+/-0.150 χ^2/NDF : 2952865.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

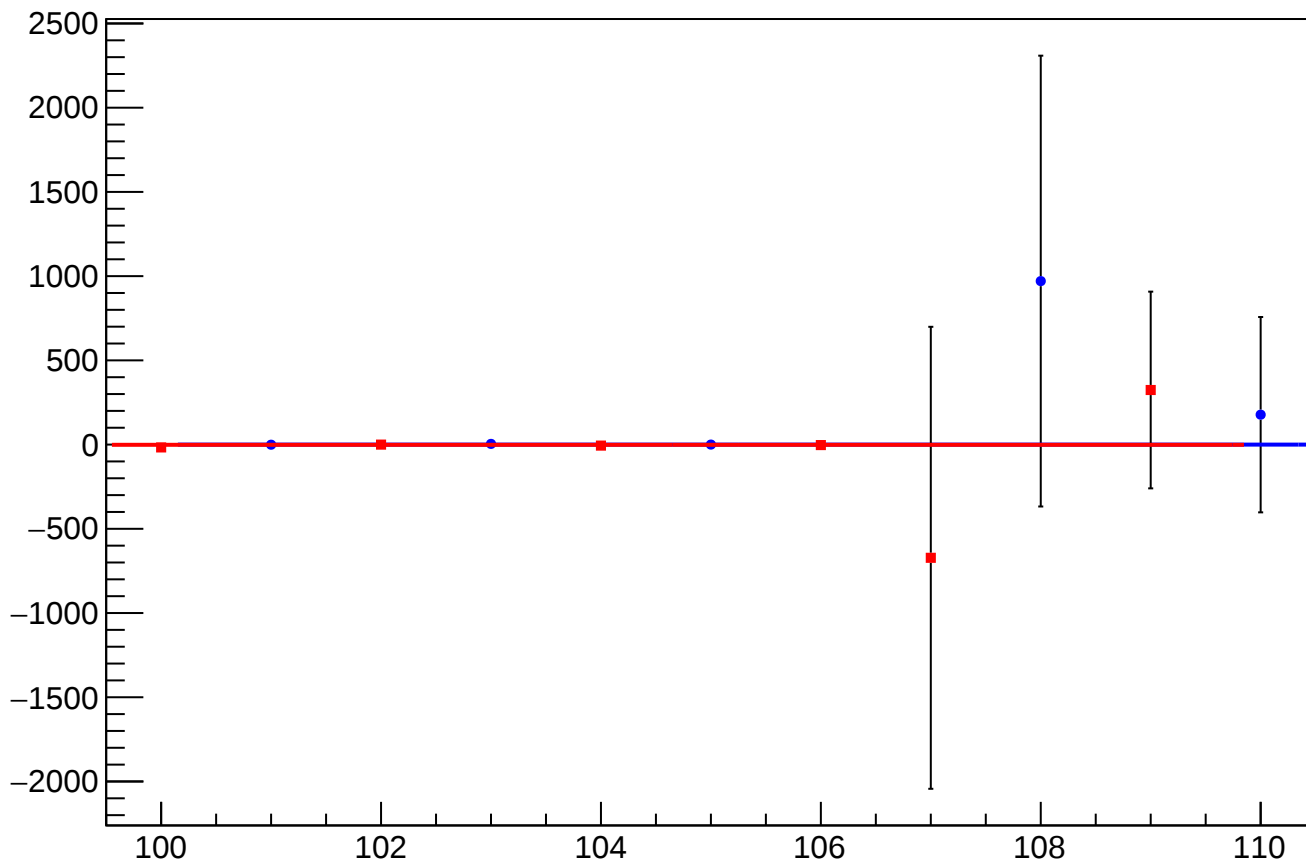
Right Out: 129.229+/-0.164 χ^2/NDF : 3384904.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

134.525+/-0.150 χ^2/NDF : 2952865.3/4

129.229+/-0.164 χ^2/NDF : 3384904.0/5

asym_cav4dQ_mean vs slug



Right In: -0.154+/-1.724 χ^2 /NDF: 1.5/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

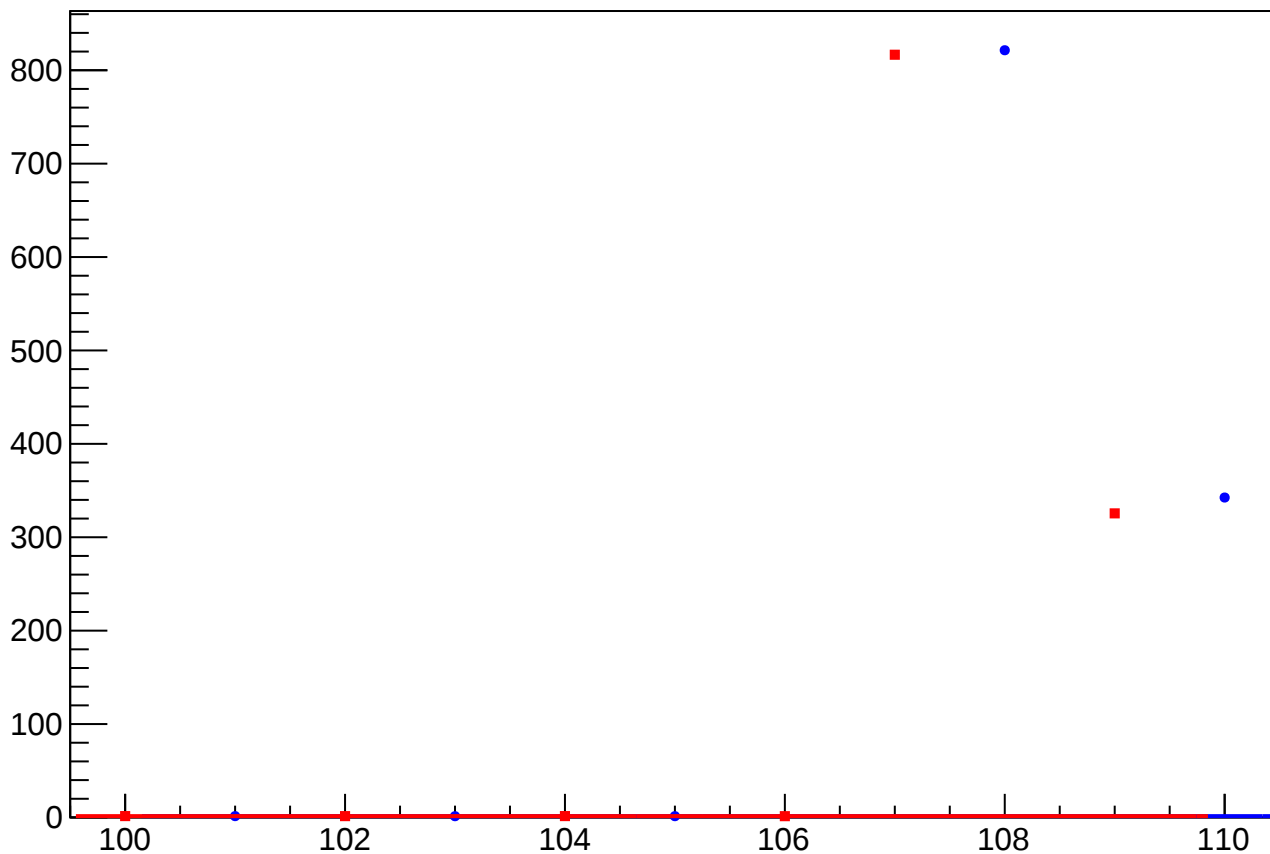
Right Out: -1.333+/-1.623 χ^2 /NDF: 3.3/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.154+/-1.724 χ^2 /NDF: 1.5/4

-1.333+/-1.623 χ^2 /NDF: 3.3/5

asym_cav4dQ_rms vs slug



Right In: 1.415+/-0.001 χ^2/NDF : 1443493.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

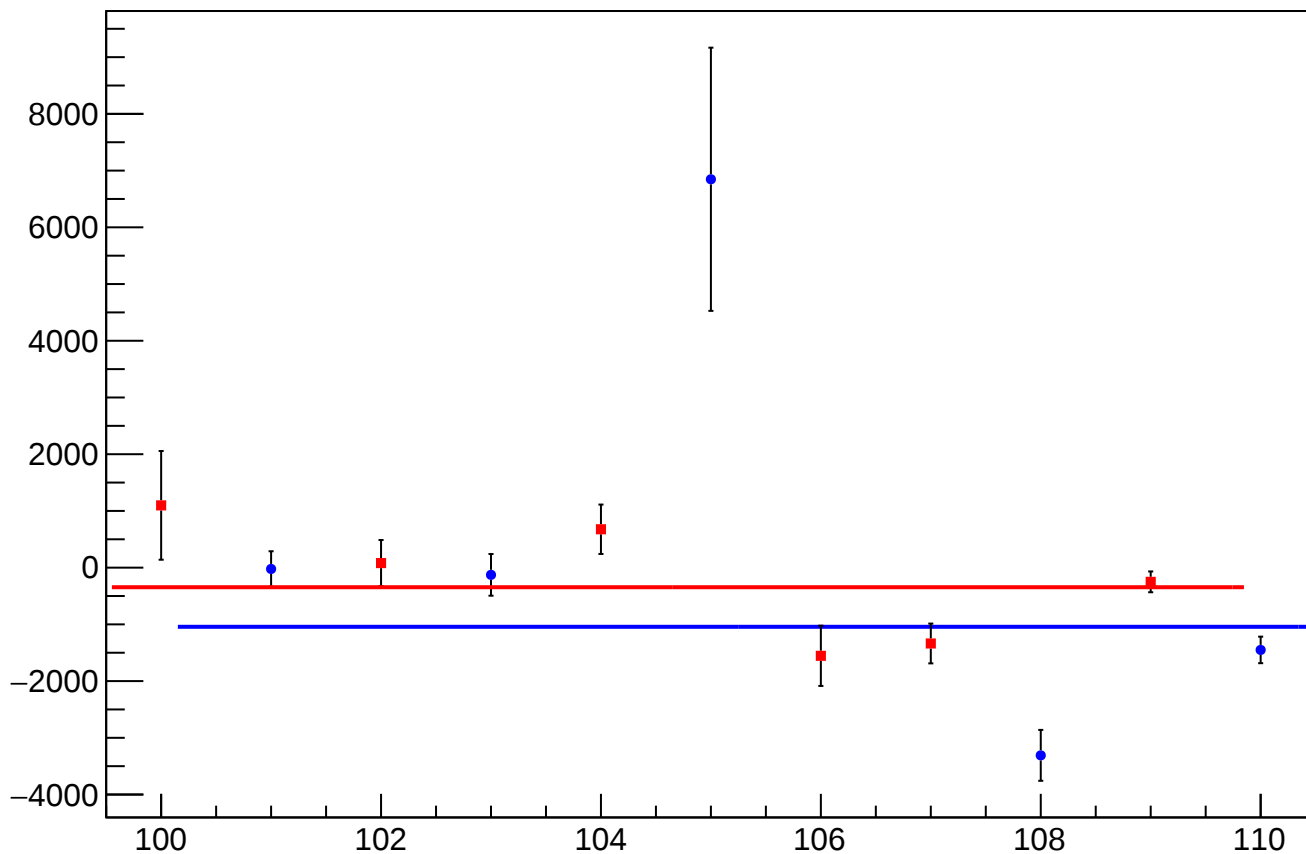
Right Out: 1.418+/-0.001 χ^2/NDF : 1323566.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.415+/-0.001 χ^2/NDF : 1443493.8/4

1.418+/-0.001 χ^2/NDF : 1323566.7/5

asym_bcm0l02_mean vs slug



Right In: -1042.728 $\pm$ 155.993 χ^2 /NDF: 57.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

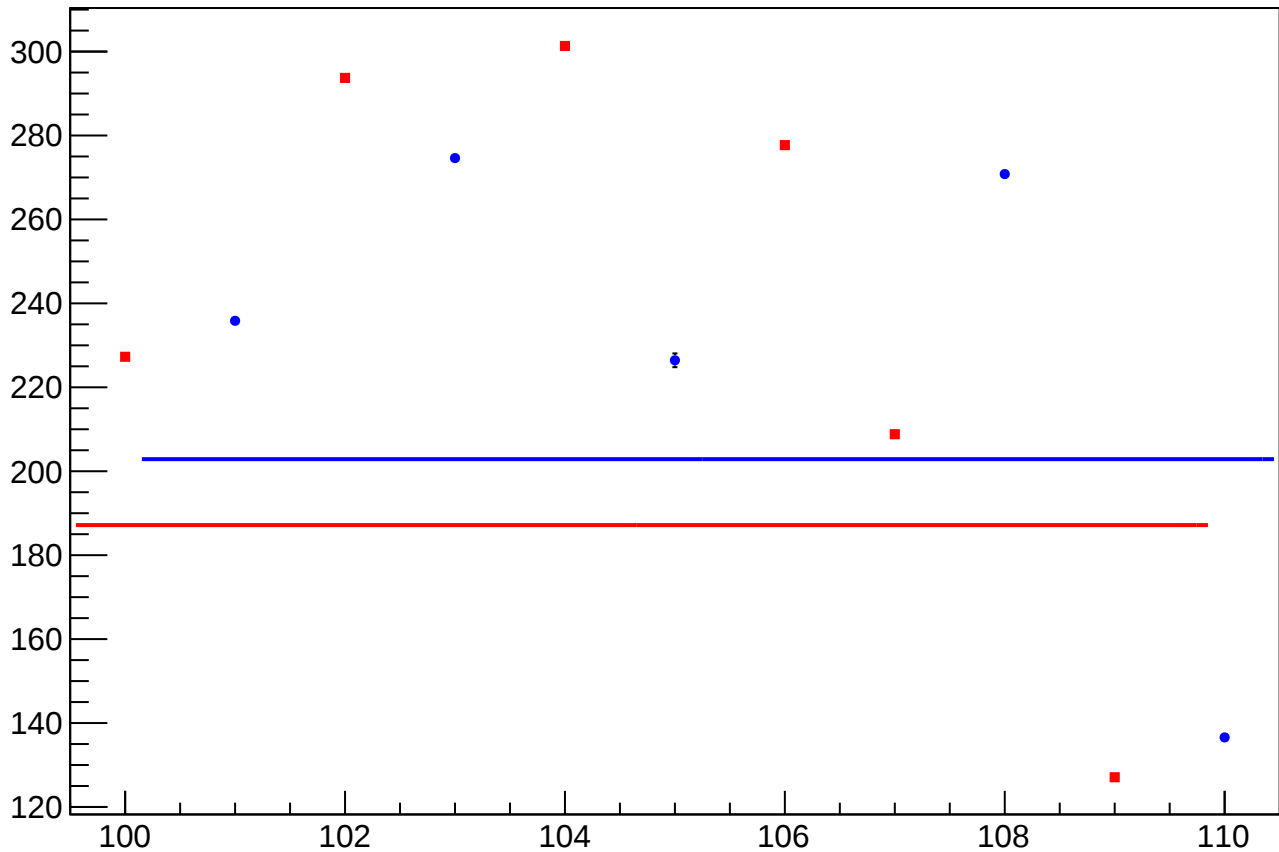
Right Out: -345.002 $\pm$ 136.330 χ^2 /NDF: 22.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1042.728 $\pm$ 155.993 χ^2 /NDF: 57.0/4

-345.002 $\pm$ 136.330 χ^2 /NDF: 22.3/5

asym_bcm0l02_rms vs slug



Right In: 202.880 $\pm$ 0.110 χ^2 /NDF: 305213.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

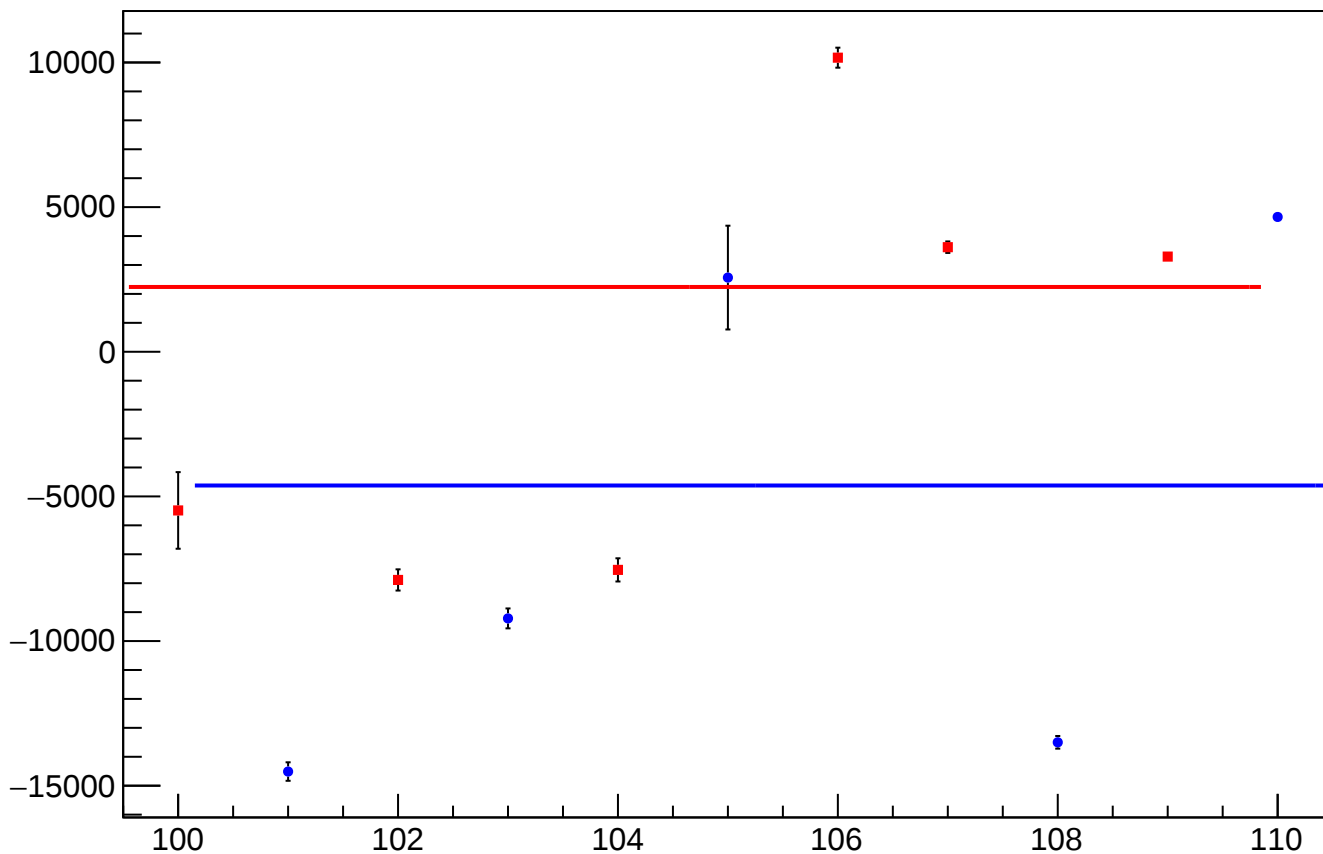
Right Out: 187.165 $\pm$ 0.096 χ^2 /NDF: 558562.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

202.880 $\pm$ 0.110 χ^2 /NDF: 305213.1/4

187.165 $\pm$ 0.096 χ^2 /NDF: 558562.3/5

asym_bpm0i02WS_mean vs slug



Right In: -4622.713+/-116.420 χ^2/NDF : 5757.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

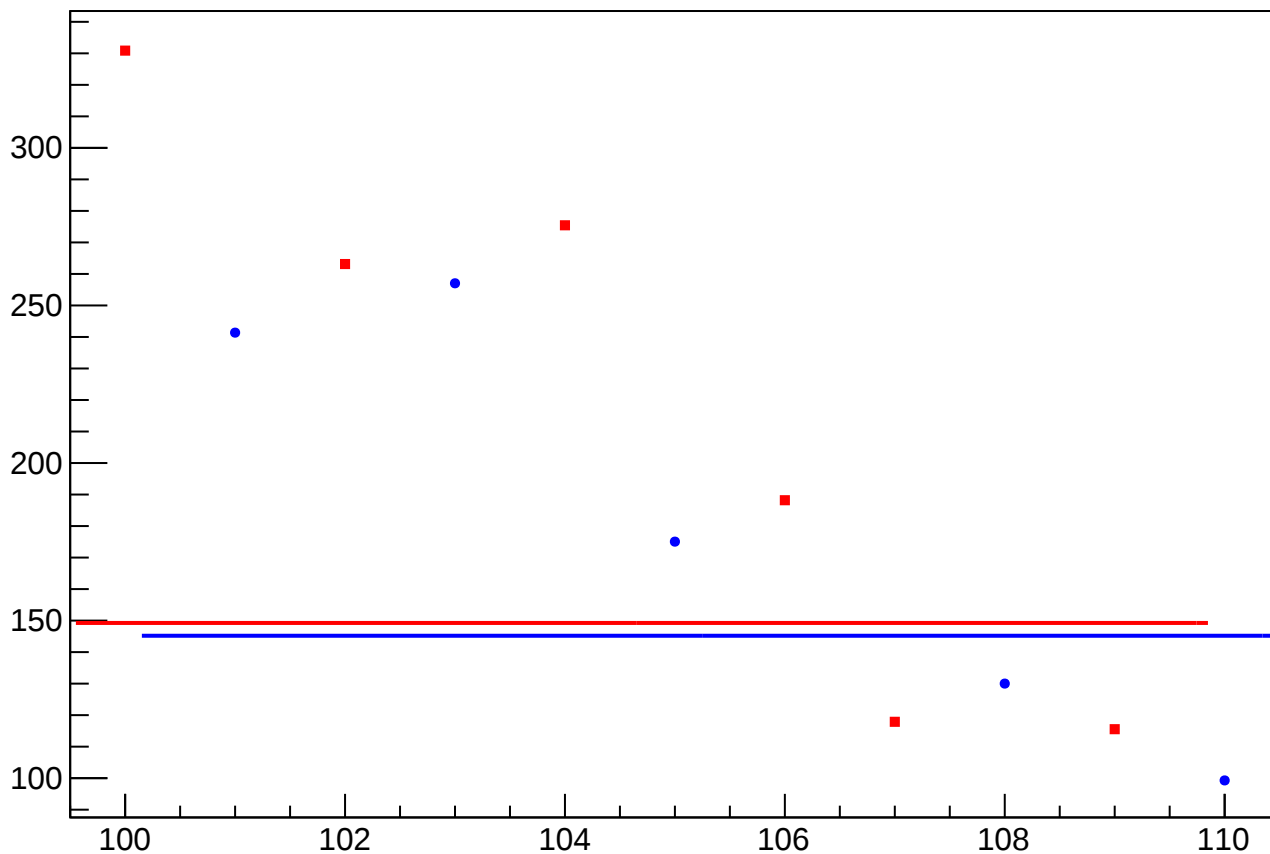
Right Out: 2240.102+/-108.155 χ^2/NDF : 2006.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4622.713+/-116.420 χ^2/NDF : 5757.7/4

2240.102+/-108.155 χ^2/NDF : 2006.2/5

asym_bpm0i02WS_rms vs slug



Right In: 145.192+/-0.082 χ^2/NDF : 547046.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

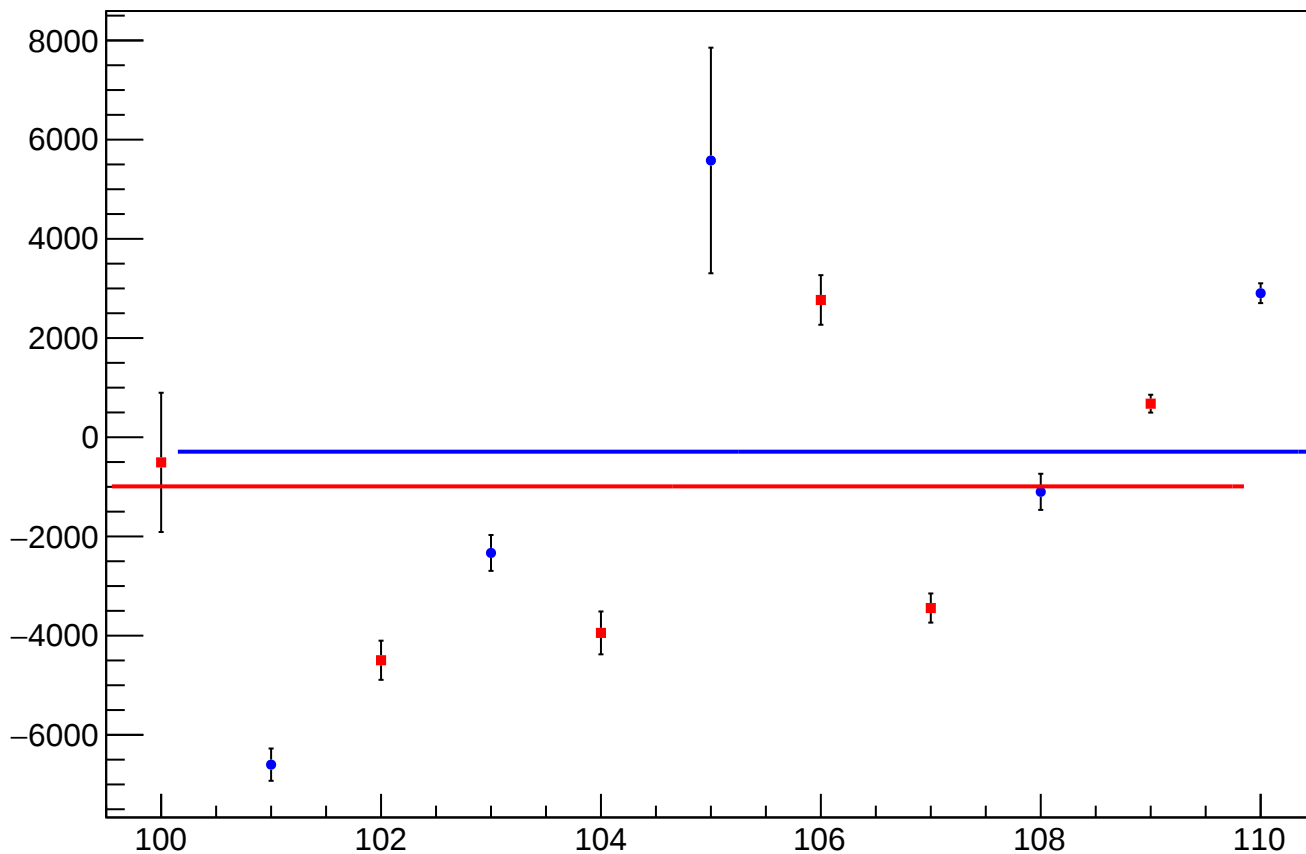
145.192+/-0.082 χ^2/NDF : 547046.5/4

Right Out: 149.254+/-0.076 χ^2/NDF : 589199.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

149.254+/-0.076 χ^2/NDF : 589199.0/5

asym_bpm0i02aWS_mean vs slug



Right In: -290.938+/-141.534 χ^2/NDF : 675.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

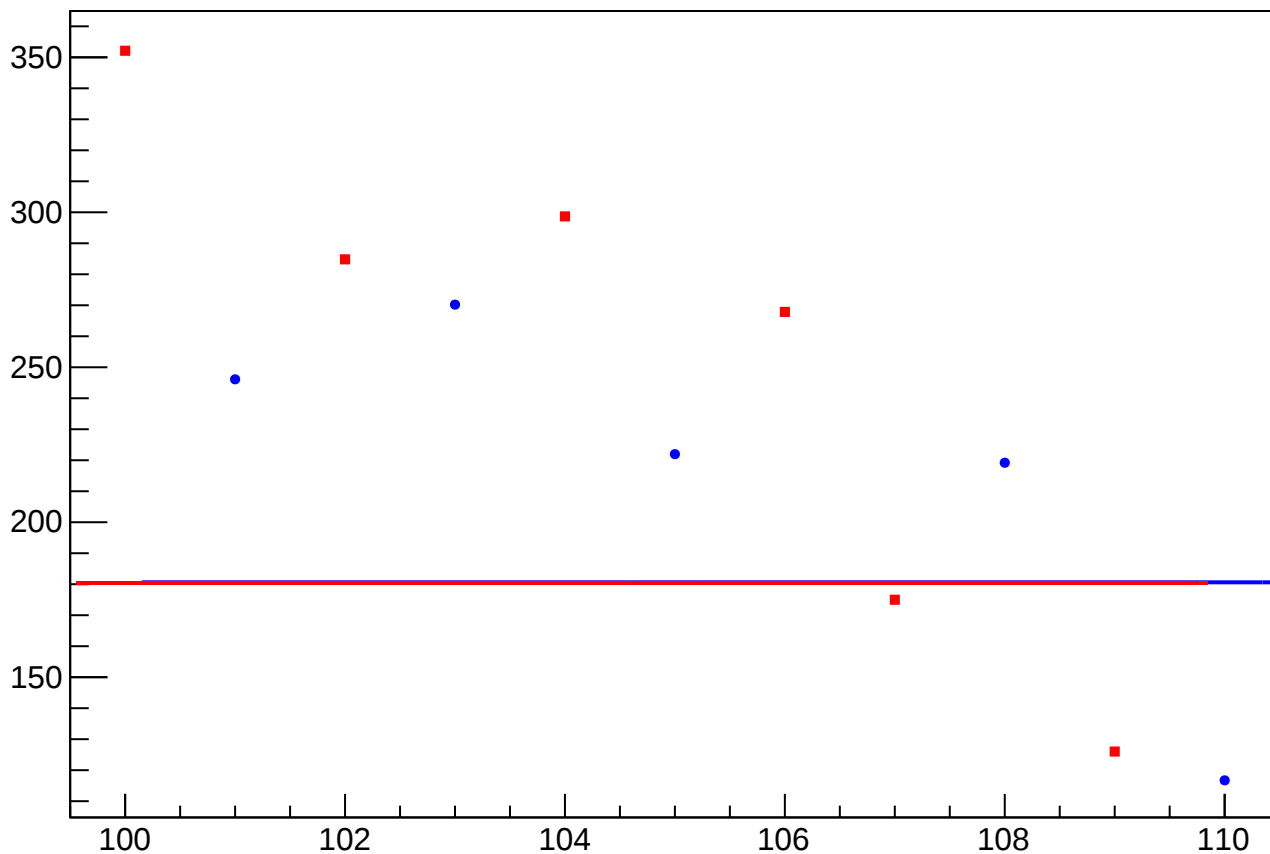
Right Out: -990.394+/-130.524 χ^2/NDF : 337.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-290.938+/-141.534 χ^2/NDF : 675.4/4

-990.394+/-130.524 χ^2/NDF : 337.5/5

asym_bpm0i02aWS_rms vs slug



Right In: 180.615+/-0.100 χ^2/NDF : 431876.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

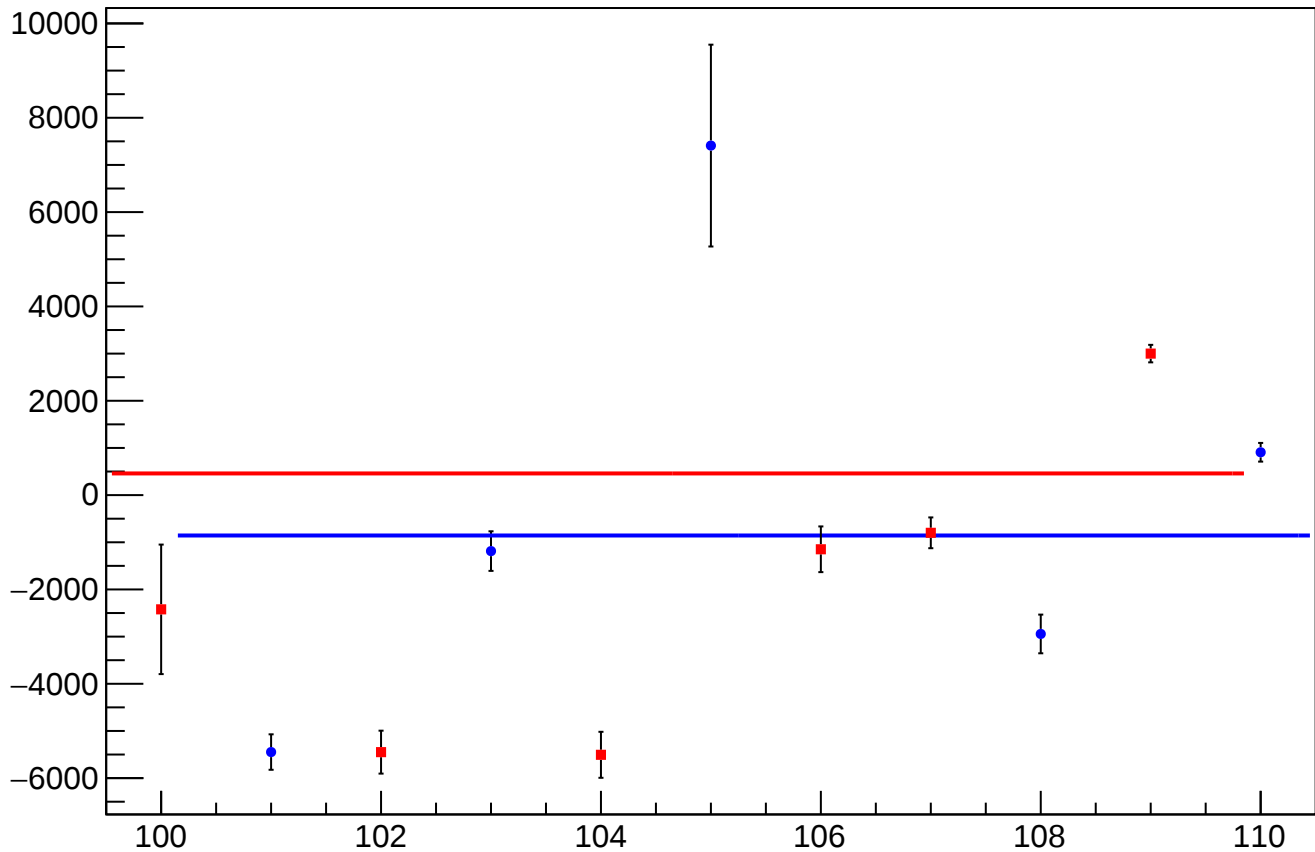
Right Out: 180.398+/-0.092 χ^2/NDF : 563950.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

180.615+/-0.100 χ^2/NDF : 431876.2/4

180.398+/-0.092 χ^2/NDF : 563950.1/5

asym_bpm0i05WS_mean vs slug



Right In: -856.113+/-150.083 χ^2/NDF : 269.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

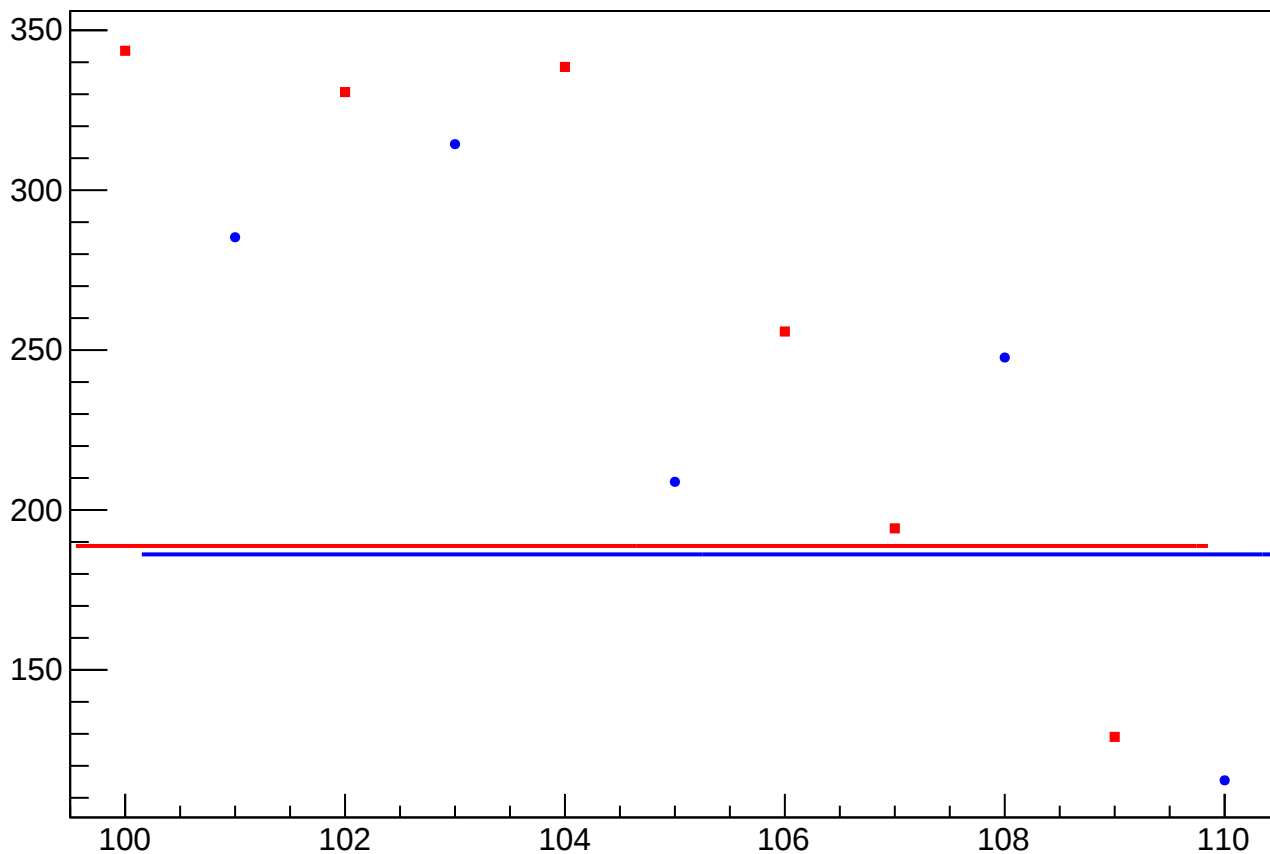
Right Out: 459.485+/-138.306 χ^2/NDF : 536.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-856.113+/-150.083 χ^2/NDF : 269.9/4

459.485+/-138.306 χ^2/NDF : 536.2/5

asym_bpm0i05WS_rms vs slug



Right In: 186.116 $\pm$ 0.106 χ^2 /NDF: 625594.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

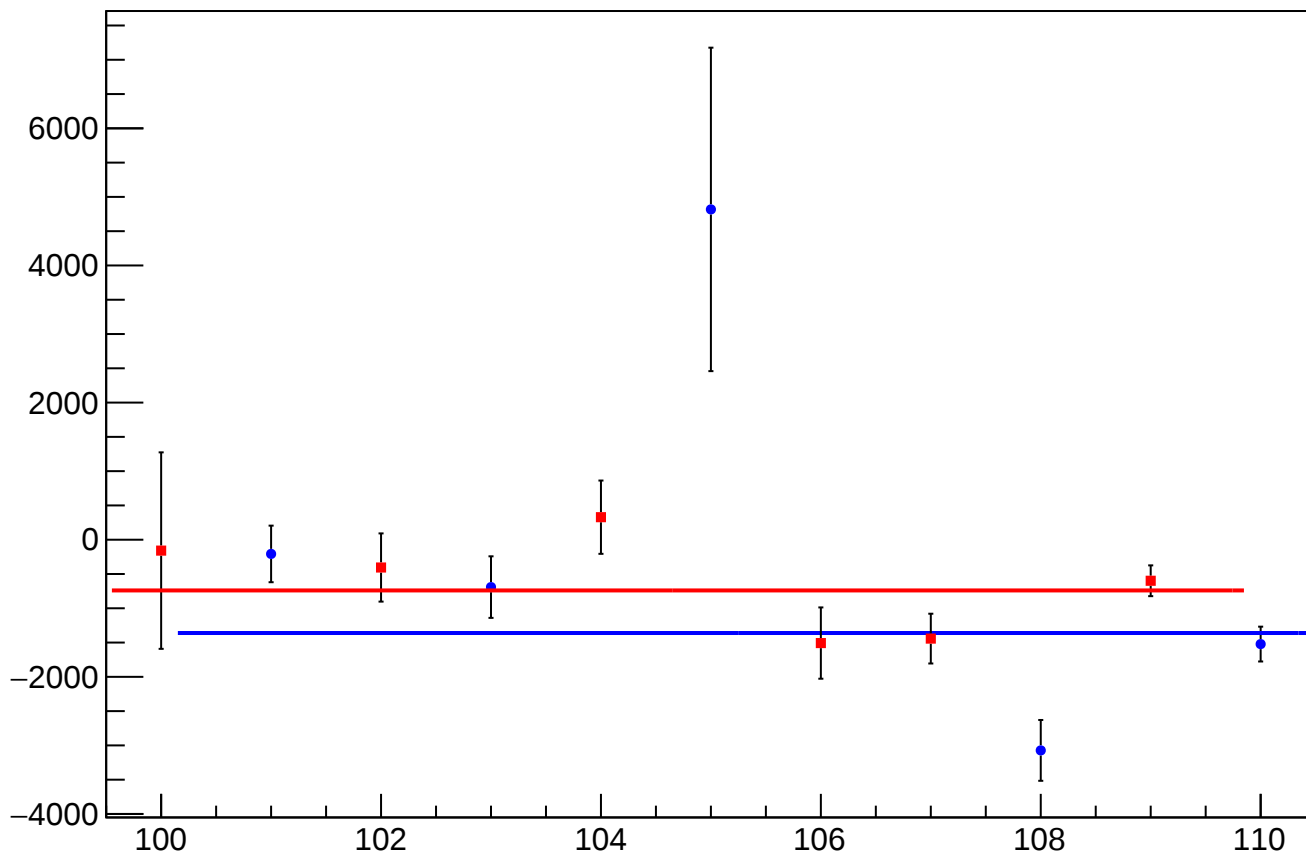
186.116 $\pm$ 0.106 χ^2 /NDF: 625594.5/4

Right Out: 188.751 $\pm$ 0.098 χ^2 /NDF: 654855.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

188.751 $\pm$ 0.098 χ^2 /NDF: 654855.6/5

asym_bpm0i07WS_mean vs slug



Right In: -1360.698+/-177.874 χ^2/NDF : 32.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

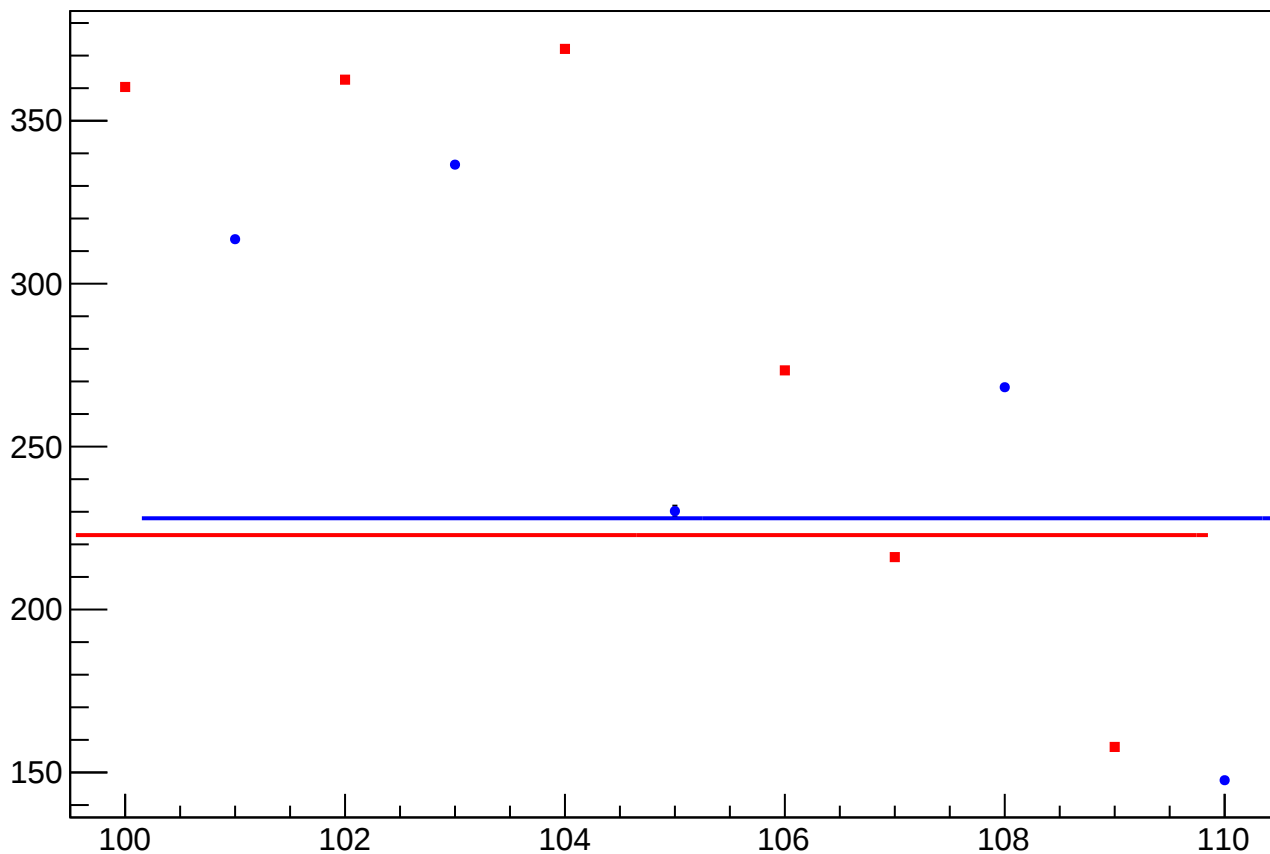
Right Out: -739.756+/-159.800 χ^2/NDF : 10.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1360.698+/-177.874 χ^2/NDF : 32.2/4

-739.756+/-159.800 χ^2/NDF : 10.9/5

asym_bpm0i07WS_rms vs slug



Right In: 228.007+/-0.126 χ^2/NDF : 419921.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

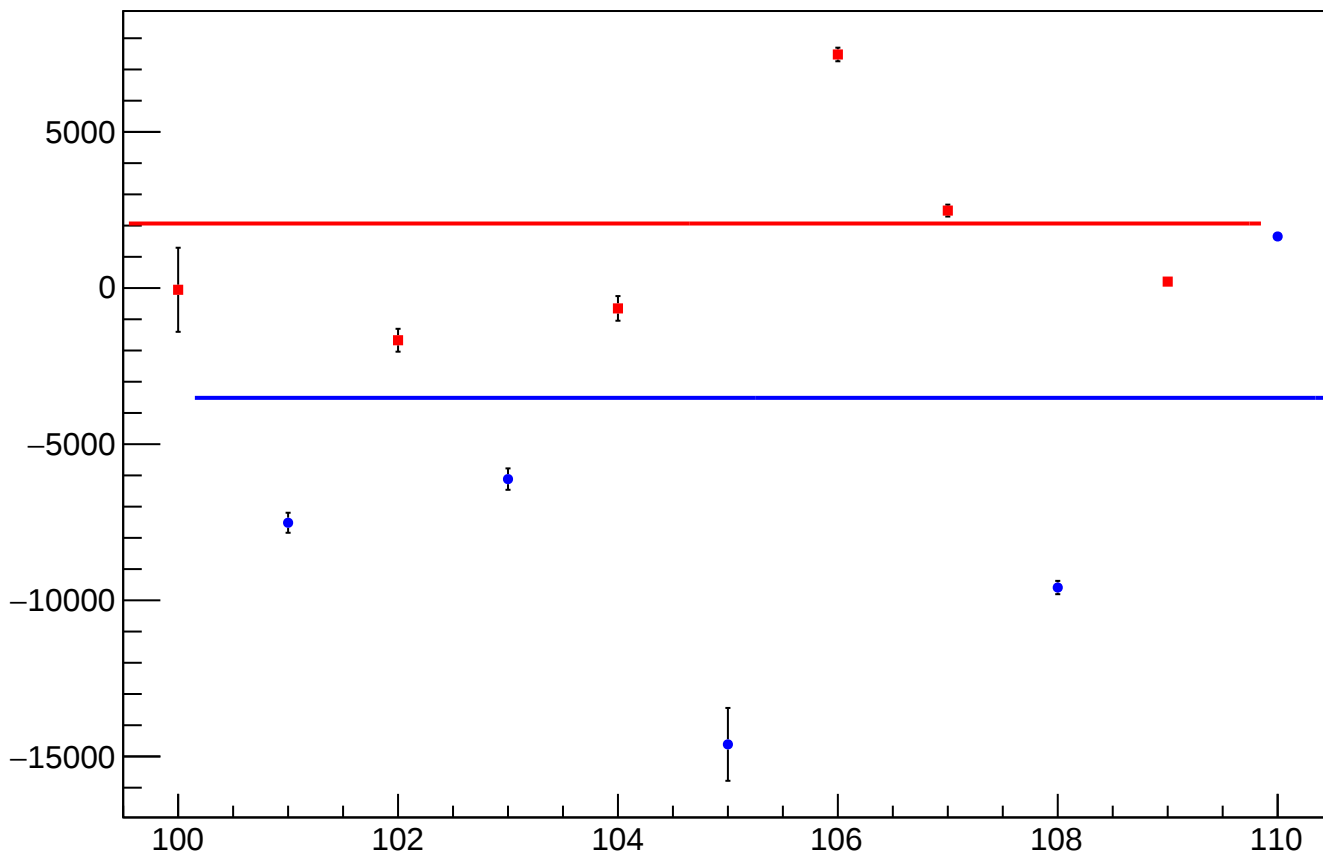
Right Out: 222.844+/-0.113 χ^2/NDF : 519523.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

228.007+/-0.126 χ^2/NDF : 419921.8/4

222.844+/-0.113 χ^2/NDF : 519523.3/5

asym_bpm1i02WS_mean vs slug



Right In: -3516.136+/-111.672 χ^2/NDF : 2162.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

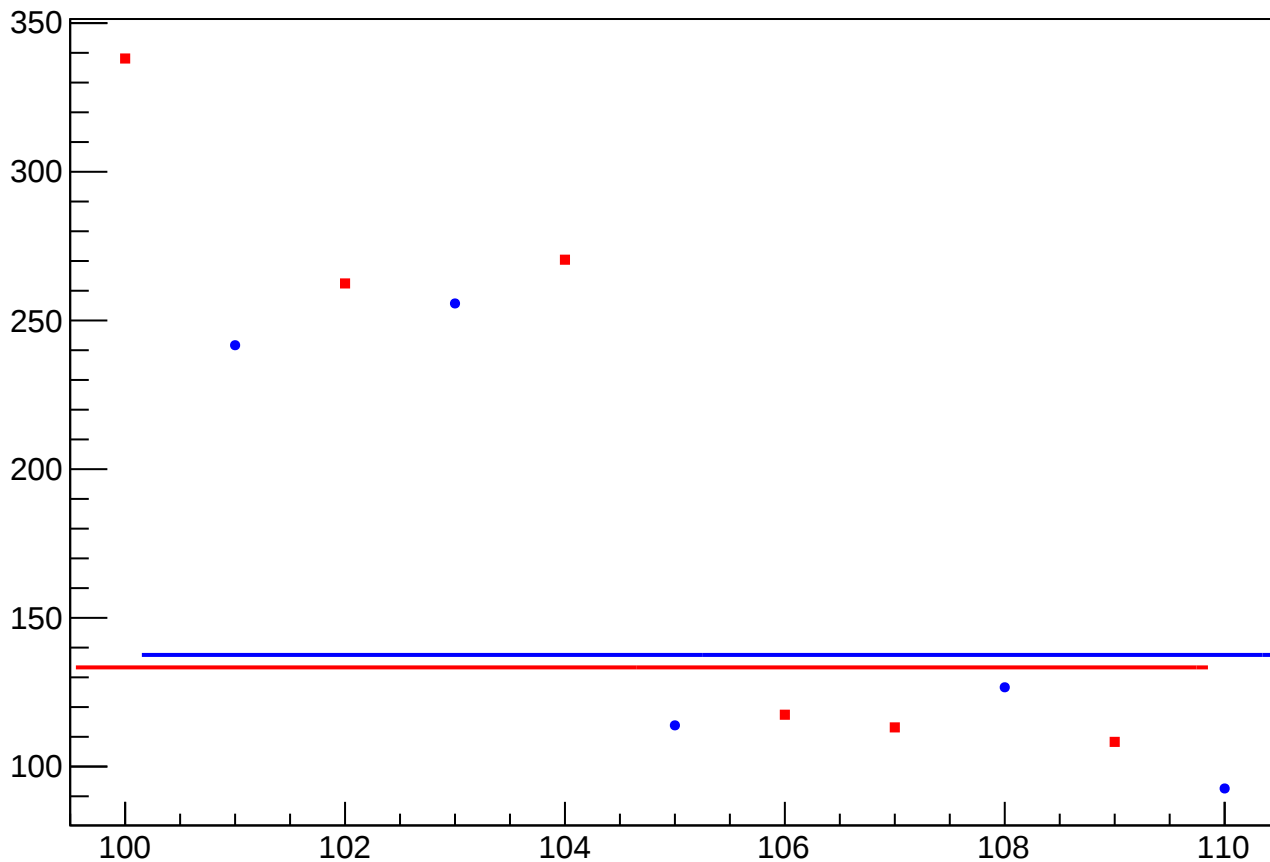
Right Out: 2066.921+/-97.363 χ^2/NDF : 923.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3516.136+/-111.672 χ^2/NDF : 2162.8/4

2066.921+/-97.363 χ^2/NDF : 923.1/5

asym_bpm1i02WS_rms vs slug



Right In: 137.537 $\pm$ 0.079 χ^2 /NDF: 612924.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

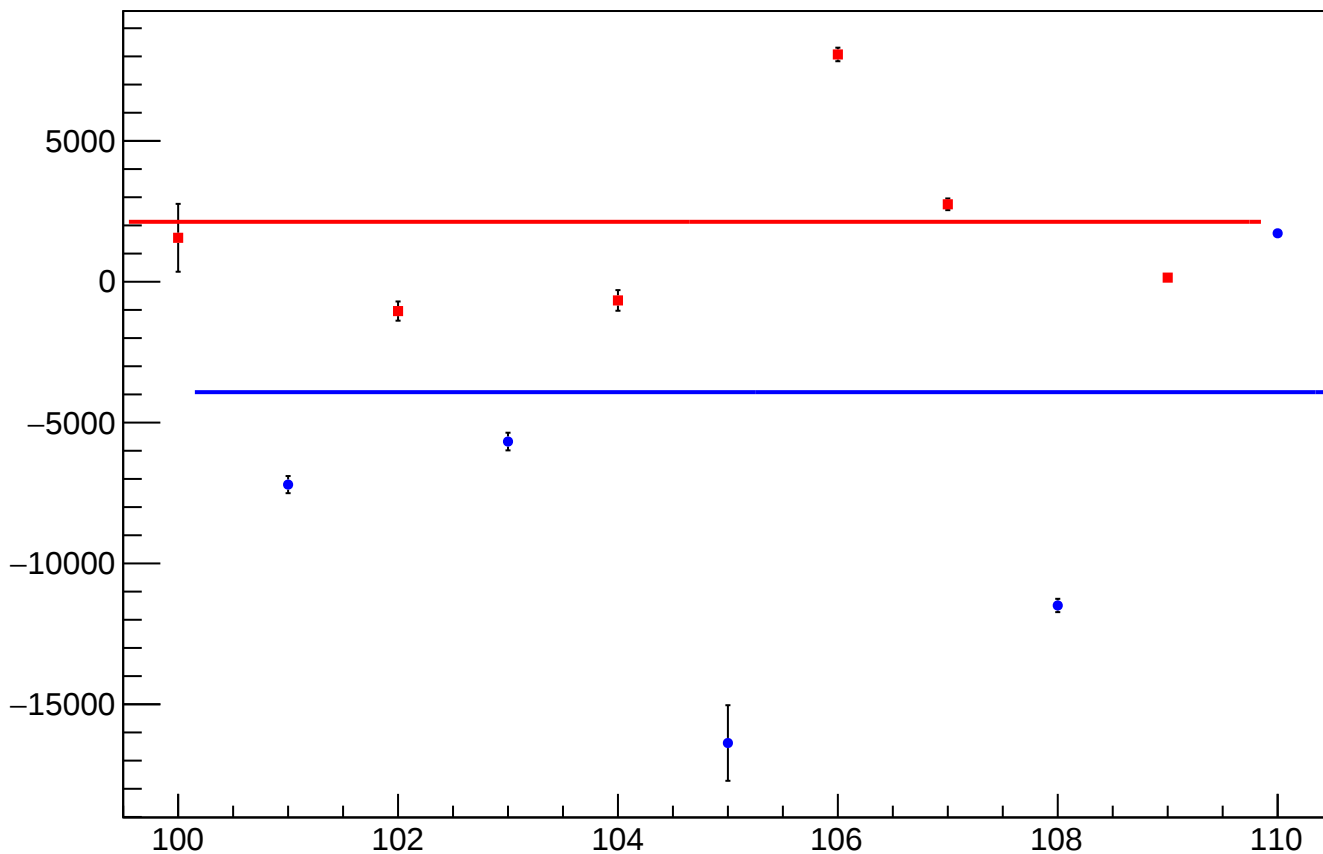
137.537 $\pm$ 0.079 χ^2 /NDF: 612924.9/4

Right Out: 133.342 $\pm$ 0.069 χ^2 /NDF: 622163.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

133.342 $\pm$ 0.069 χ^2 /NDF: 622163.7/5

asym_bpm2i01WS_mean vs slug



Right In: -3919.715+/-116.072 χ^2/NDF : 2366.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

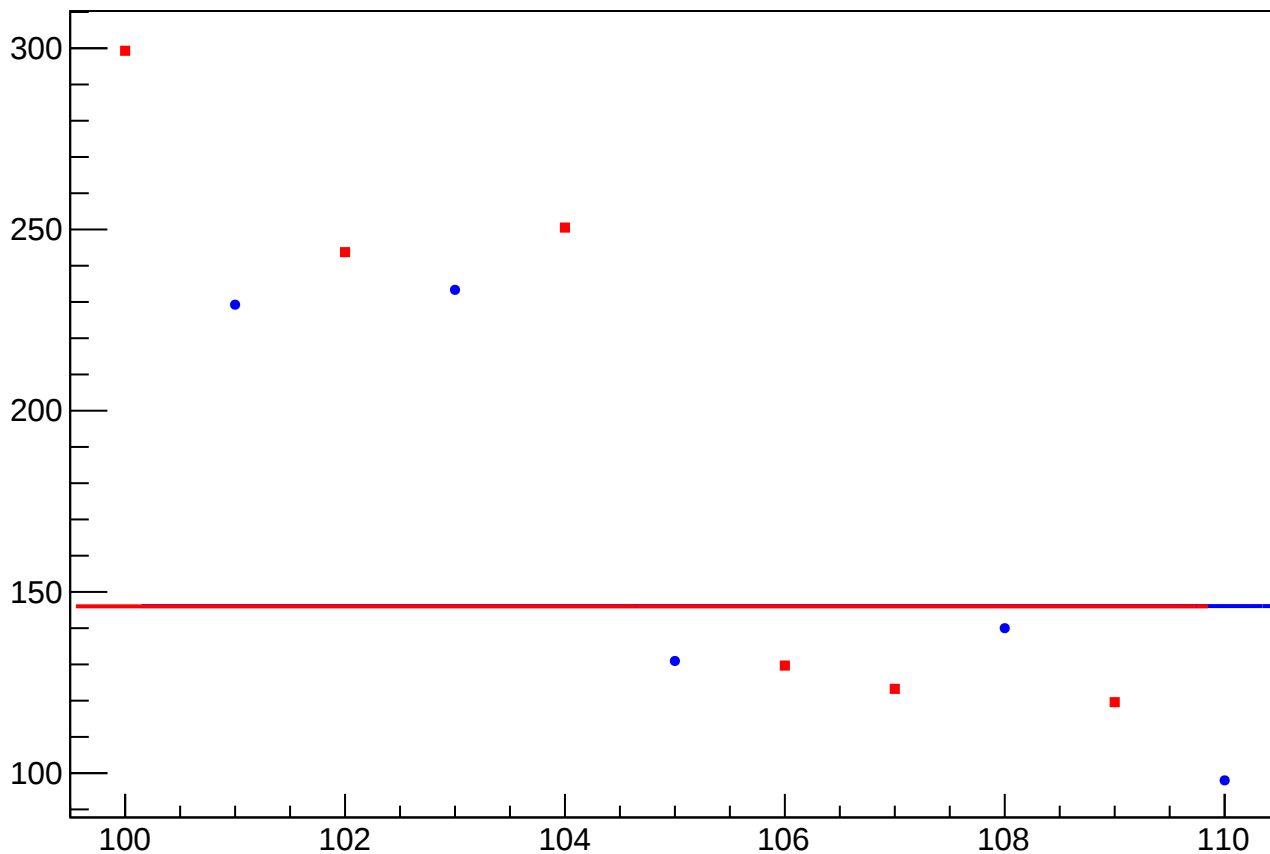
Right Out: 2128.191+/-104.411 χ^2/NDF : 898.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3919.715+/-116.072 χ^2/NDF : 2366.7/4

2128.191+/-104.411 χ^2/NDF : 898.1/5

asym_bpm2i01WS_rms vs slug



Right In: 146.093+/-0.082 χ^2/NDF : 466921.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

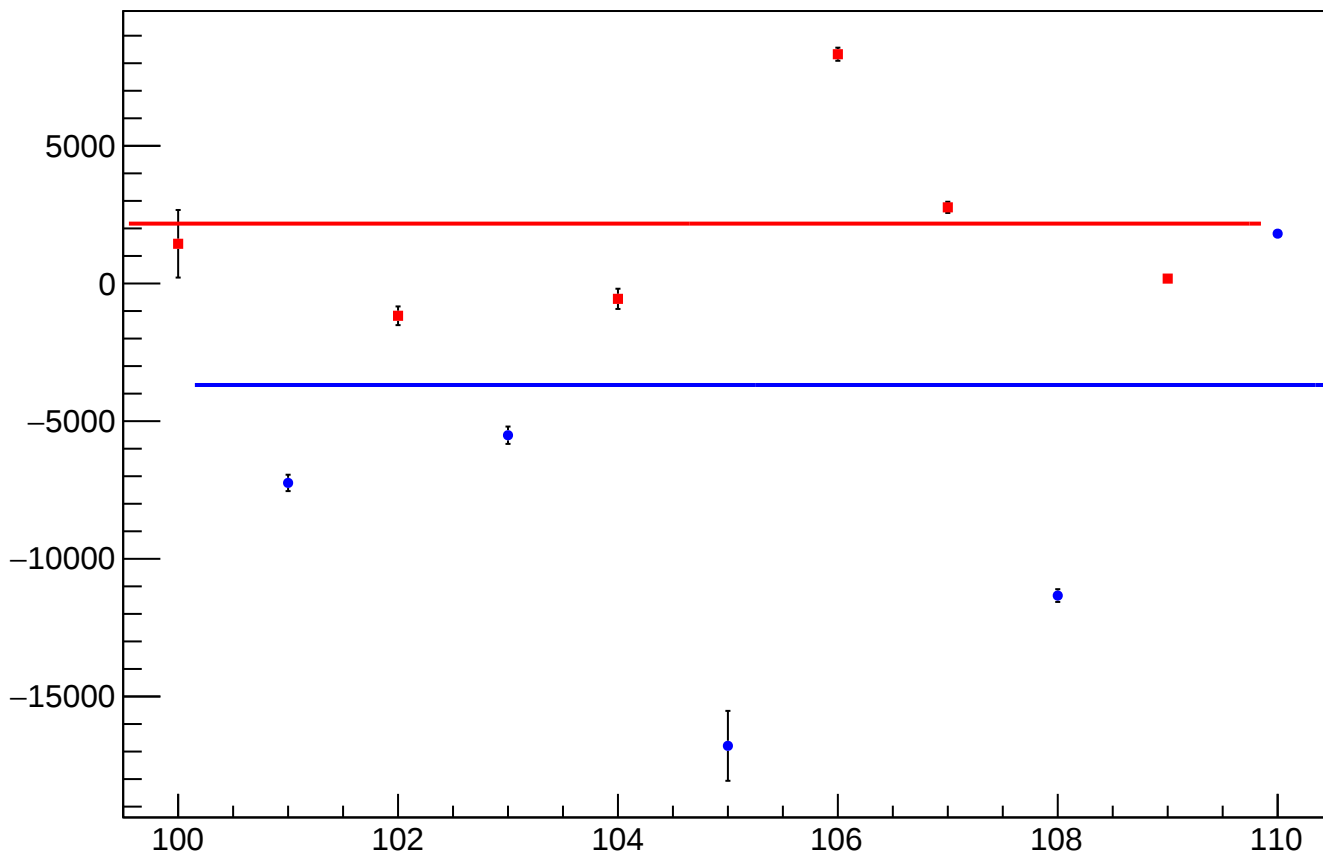
146.093+/-0.082 χ^2/NDF : 466921.5/4

Right Out: 146.027+/-0.074 χ^2/NDF : 440764.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.027+/-0.074 χ^2/NDF : 440764.8/5

asym_bpm2i02WS_mean vs slug



Right In: -3686.147+/-112.669 χ^2/NDF : 2525.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

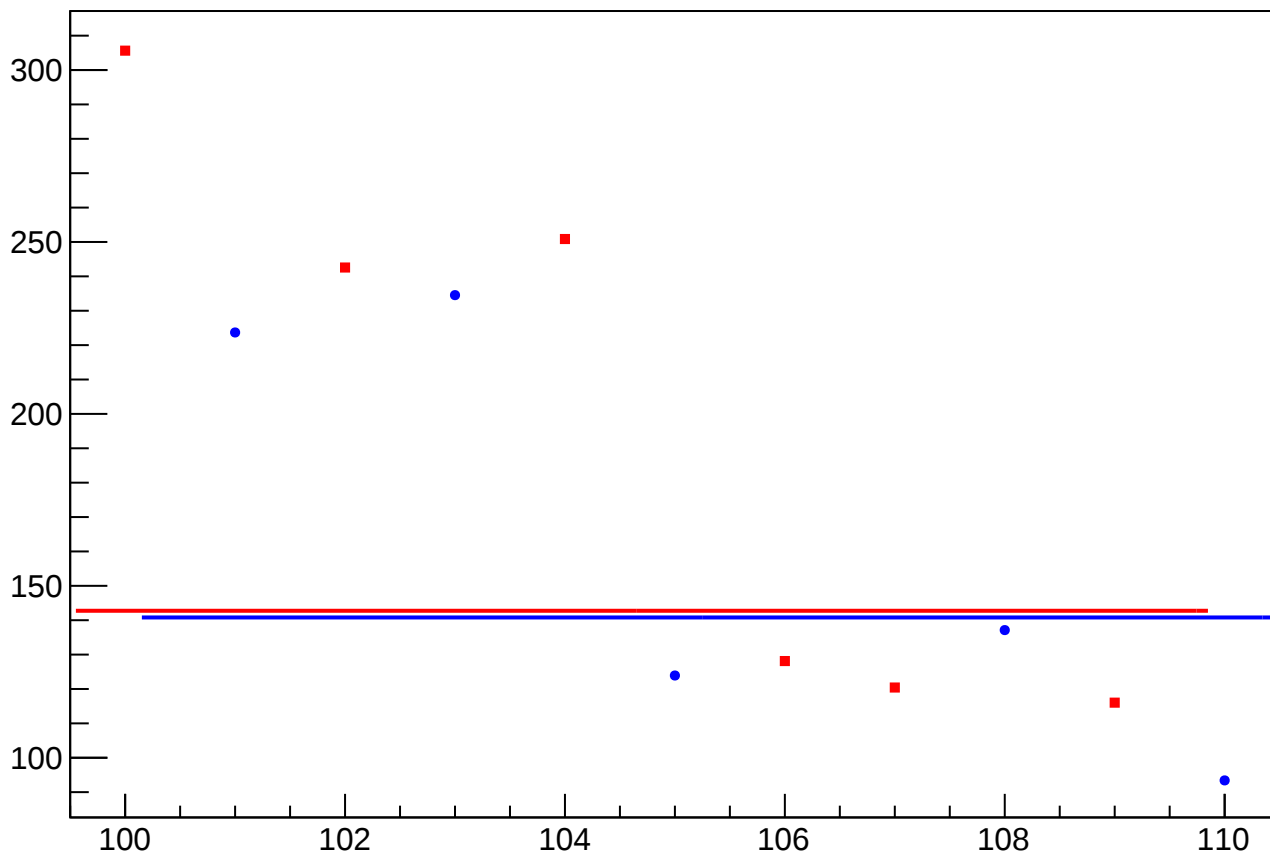
Right Out: 2174.801+/-102.496 χ^2/NDF : 974.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3686.147+/-112.669 χ^2/NDF : 2525.0/4

2174.801+/-102.496 χ^2/NDF : 974.3/5

asym_bpm2i02WS_rms vs slug



Right In: 140.800+/-0.080 χ^2/NDF : 504842.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

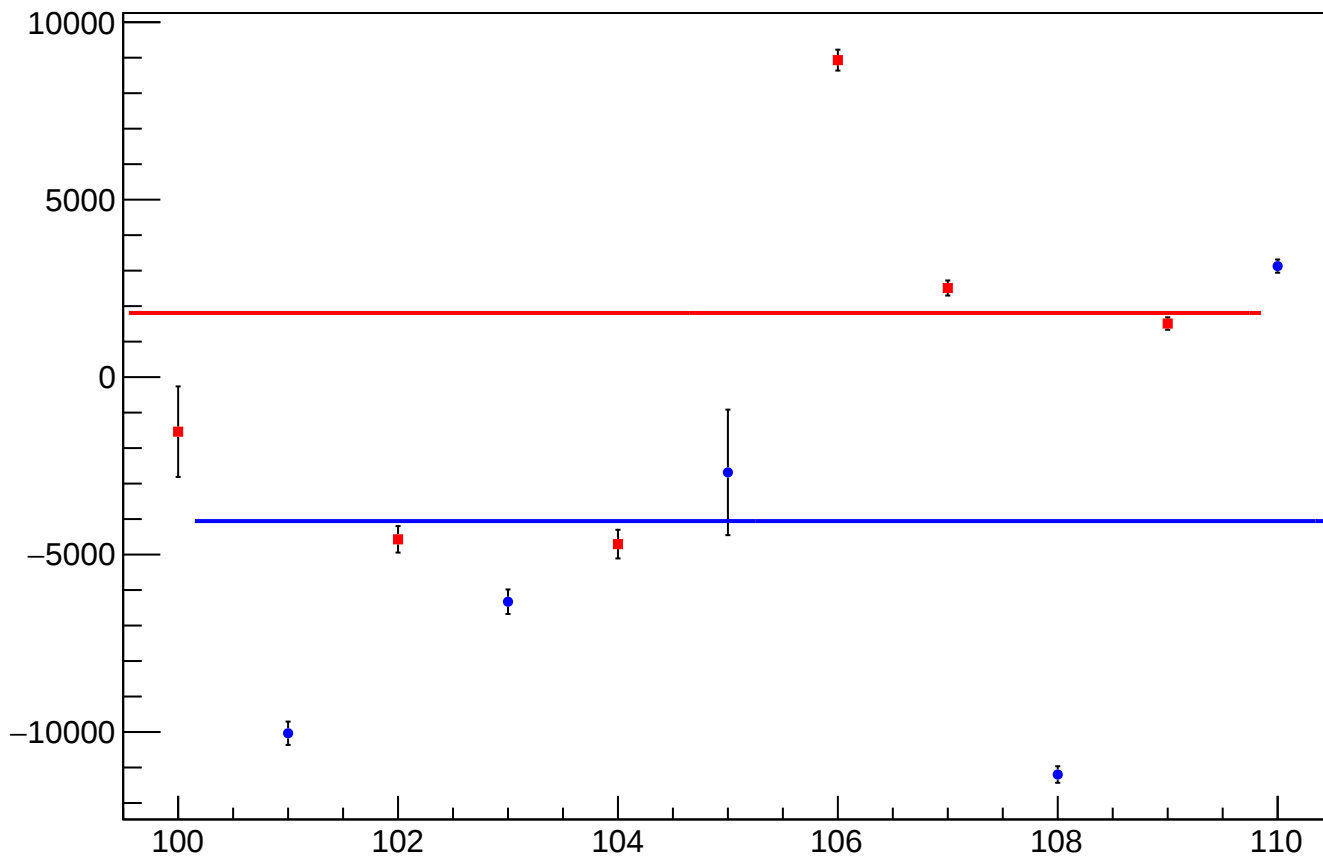
Right Out: 142.746+/-0.072 χ^2/NDF : 465398.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

140.800+/-0.080 χ^2/NDF : 504842.1/4

142.746+/-0.072 χ^2/NDF : 465398.8/5

asym_bpm0i01WS_mean vs slug



Right In: -4056.474+/-124.139 χ^2/NDF : 2787.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

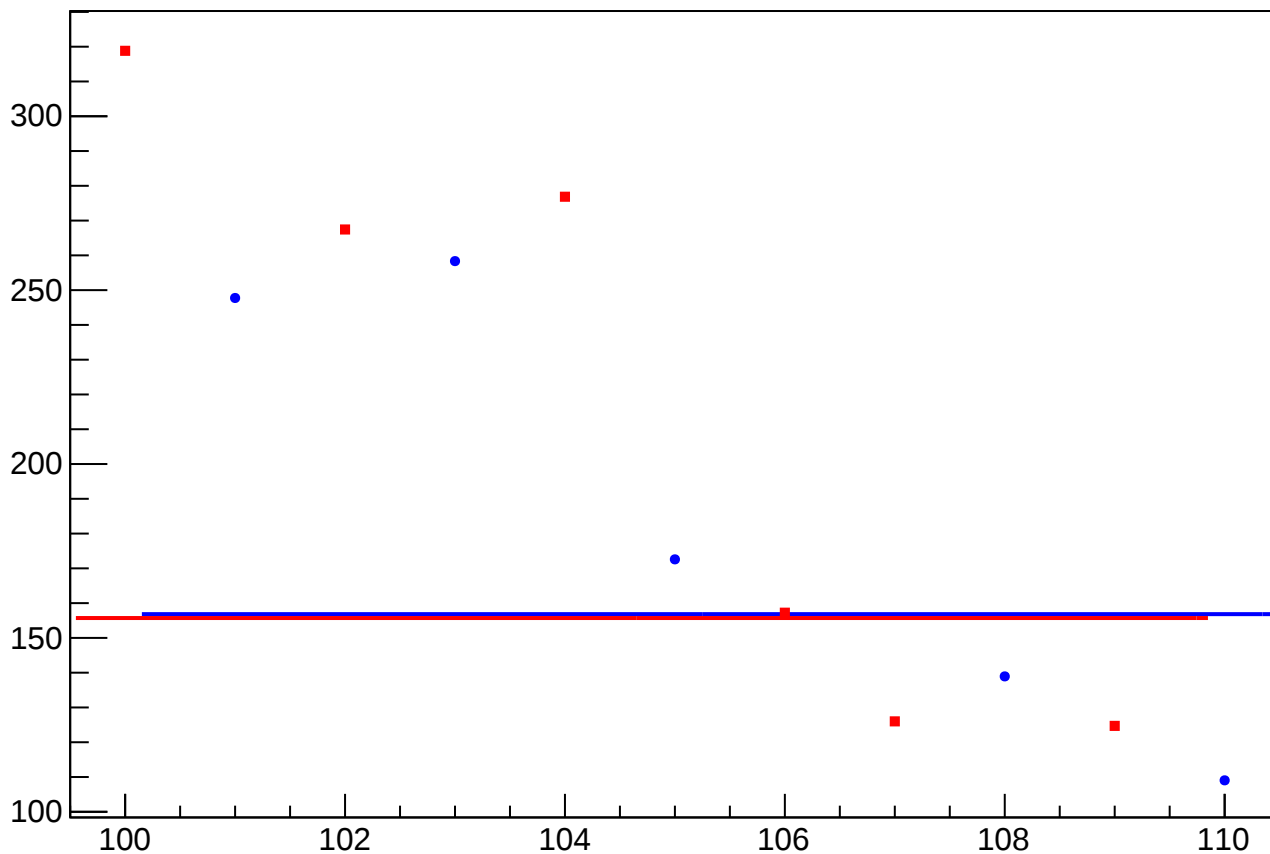
Right Out: 1807.996+/-111.742 χ^2/NDF : 1157.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4056.474+/-124.139 χ^2/NDF : 2787.4/4

1807.996+/-111.742 χ^2/NDF : 1157.9/5

asym_bpm0i01WS_rms vs slug



Right In: 156.834+/-0.088 χ^2/NDF : 467583.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

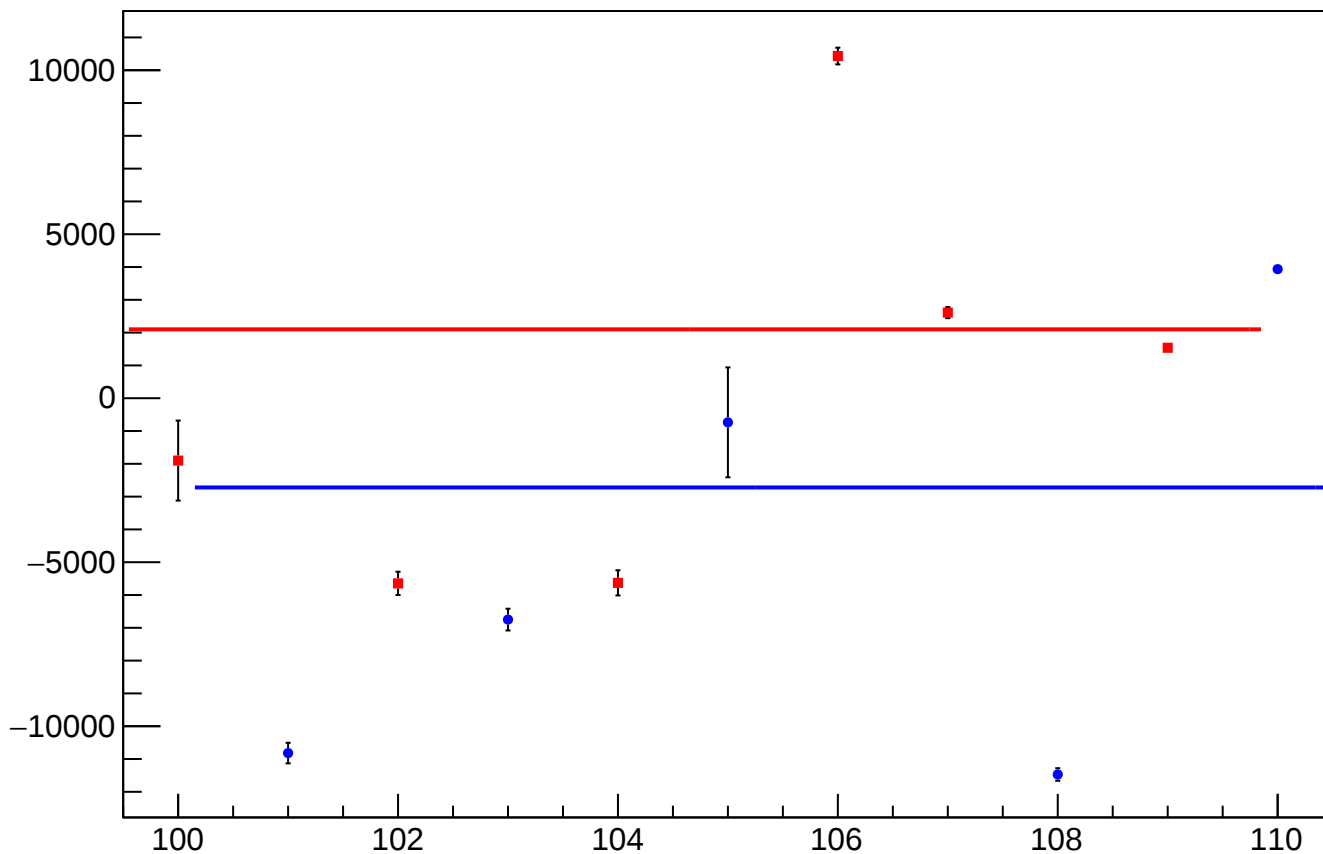
Right Out: 155.716+/-0.079 χ^2/NDF : 494133.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

156.834+/-0.088 χ^2/NDF : 467583.7/4

155.716+/-0.079 χ^2/NDF : 494133.8/5

asym_bpm0i01aWS_mean vs slug



Right In: -2720.901+/-99.888 χ^2/NDF : 5262.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

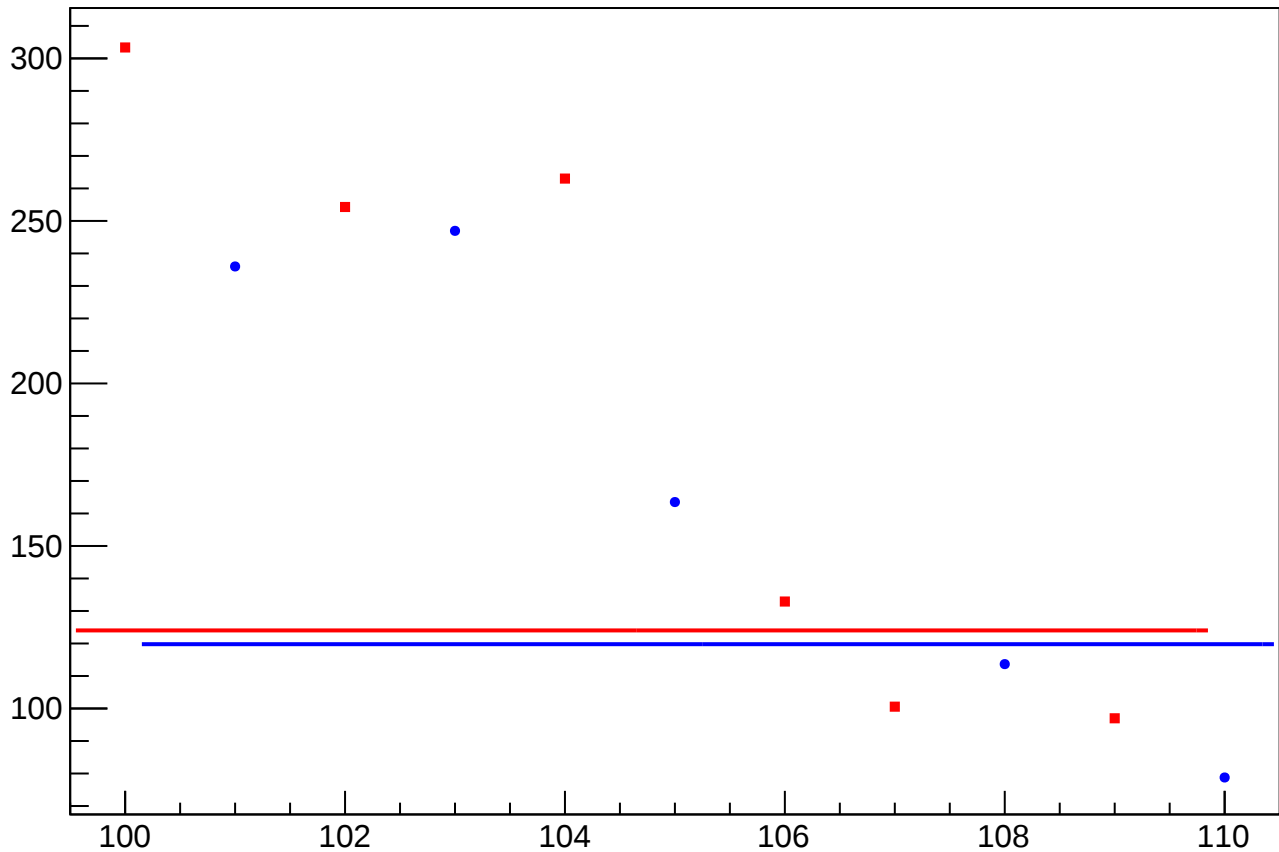
Right Out: 2100.157+/-92.118 χ^2/NDF : 1983.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2720.901+/-99.888 χ^2/NDF : 5262.4/4

2100.157+/-92.118 χ^2/NDF : 1983.1/5

asym_bpm0i01aWS_rms vs slug



Right In: 119.785+/-0.071 χ^2/NDF : 753057.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

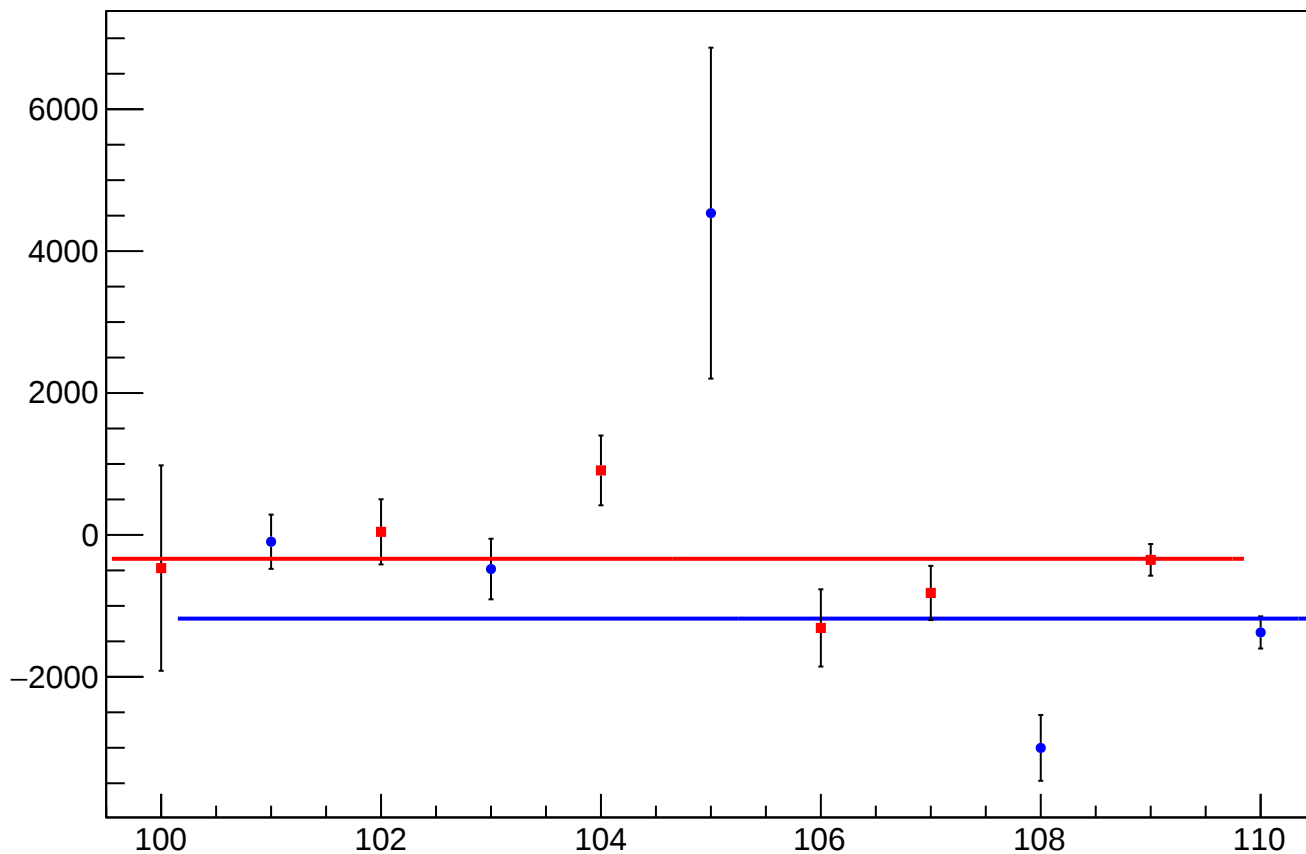
Right Out: 124.020+/-0.065 χ^2/NDF : 691030.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

119.785+/-0.071 χ^2/NDF : 753057.4/4

124.020+/-0.065 χ^2/NDF : 691030.4/5

asym_bpm0l01WS_mean vs slug



Right In: -1179.255 $\pm$ 165.154 χ^2 /NDF: 32.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

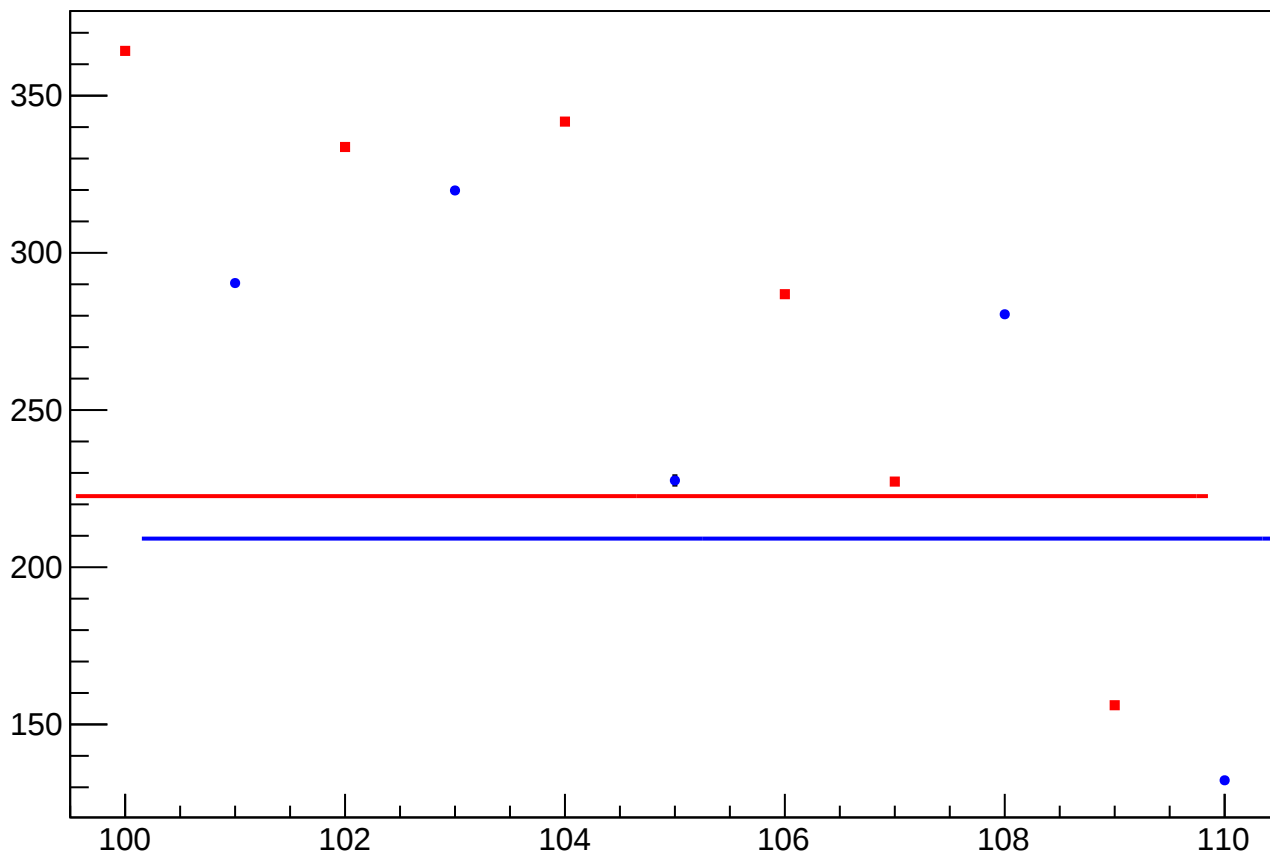
Right Out: -336.339 $\pm$ 158.762 χ^2 /NDF: 11.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1179.255 $\pm$ 165.154 χ^2 /NDF: 32.9/4

-336.339 $\pm$ 158.762 χ^2 /NDF: 11.9/5

asym_bpm0l01WS_rms vs slug



Right In: 209.105+/-0.117 χ^2/NDF : 502964.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

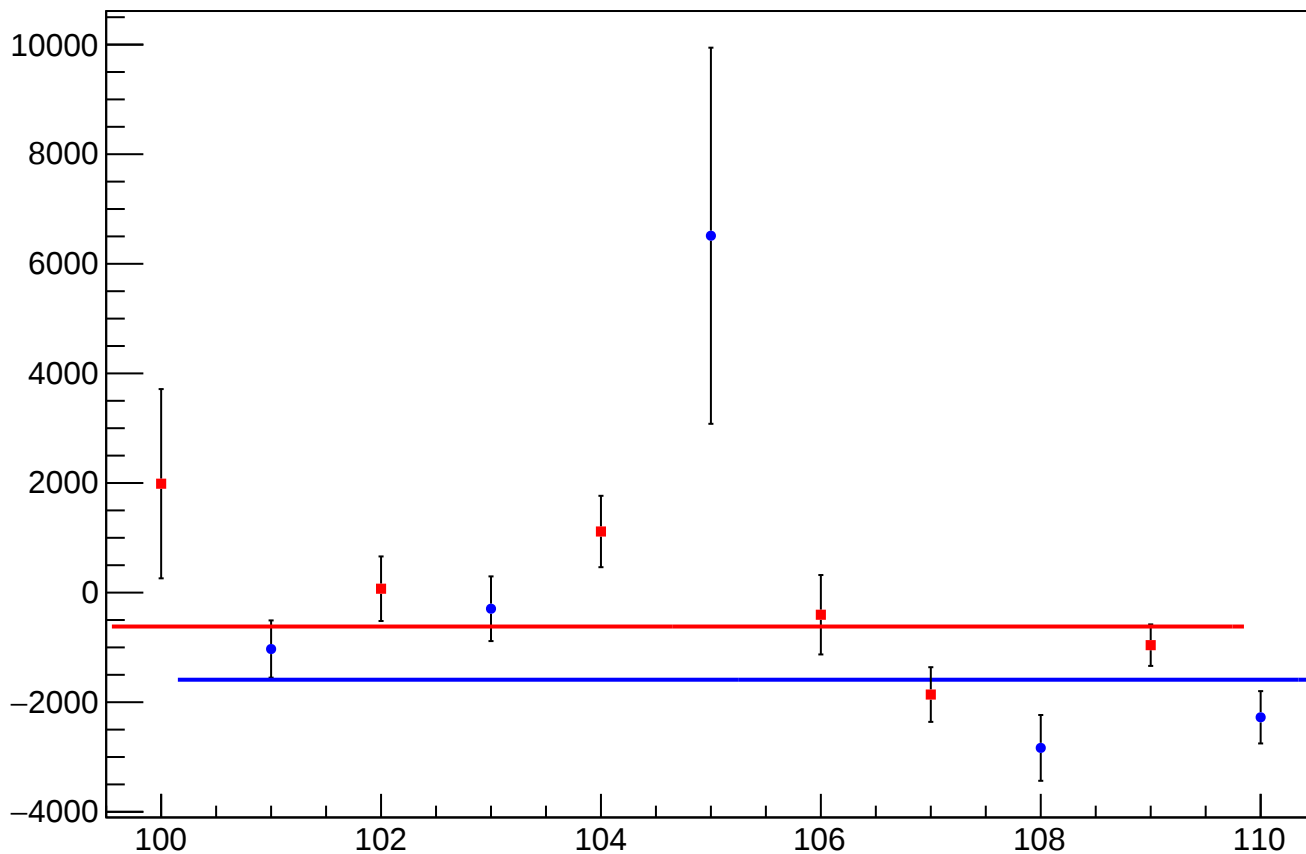
209.105+/-0.117 χ^2/NDF : 502964.9/4

Right Out: 222.618+/-0.112 χ^2/NDF : 459427.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

222.618+/-0.112 χ^2/NDF : 459427.7/5

asym_bpm0l02WS_mean vs slug



Right In: -1589.620 $\pm$ 269.337 χ^2 /NDF: 17.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

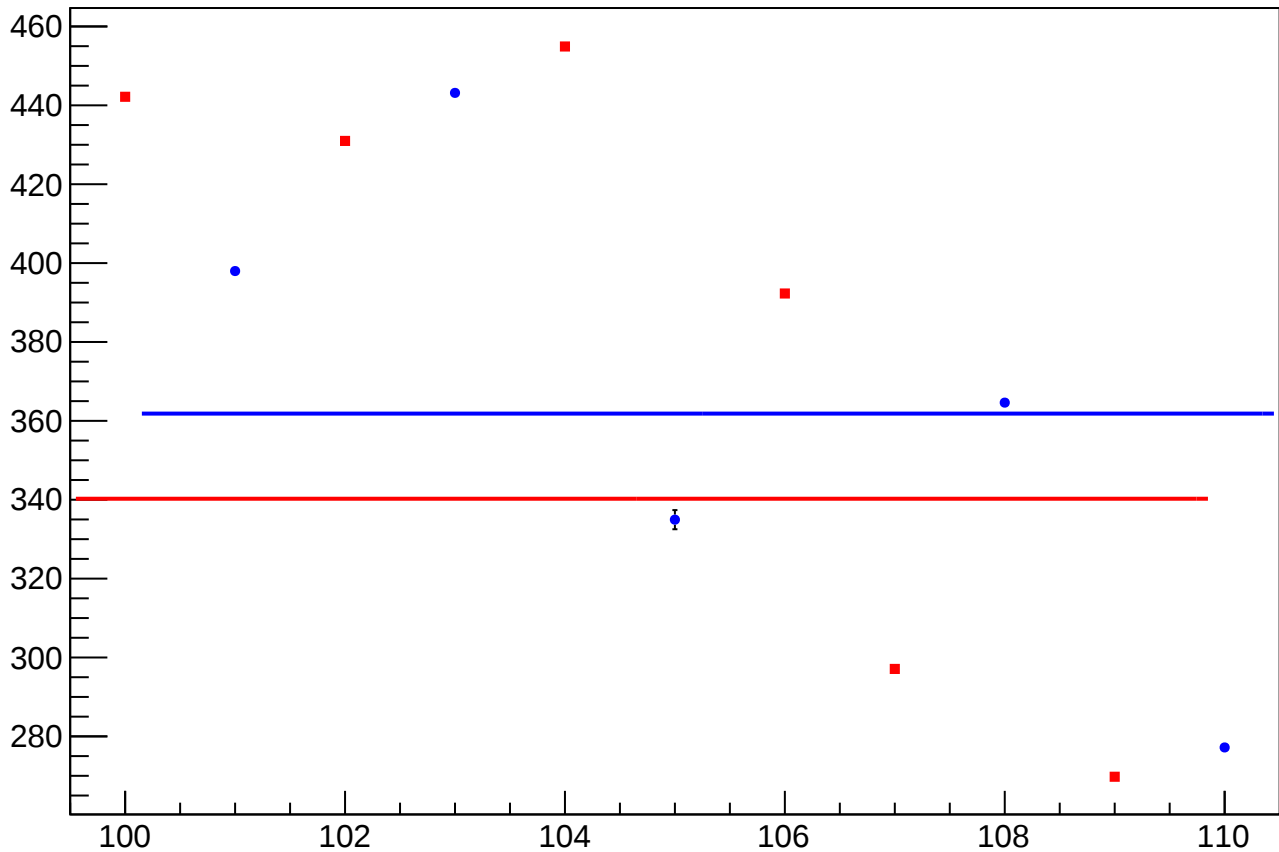
Right Out: -618.874 $\pm$ 232.683 χ^2 /NDF: 17.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1589.620 $\pm$ 269.337 χ^2 /NDF: 17.9/4

-618.874 $\pm$ 232.683 χ^2 /NDF: 17.8/5

asym_bpm0l02WS_rms vs slug



Right In: 361.841 $\pm$ 0.190 χ^2 /NDF: 110583.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

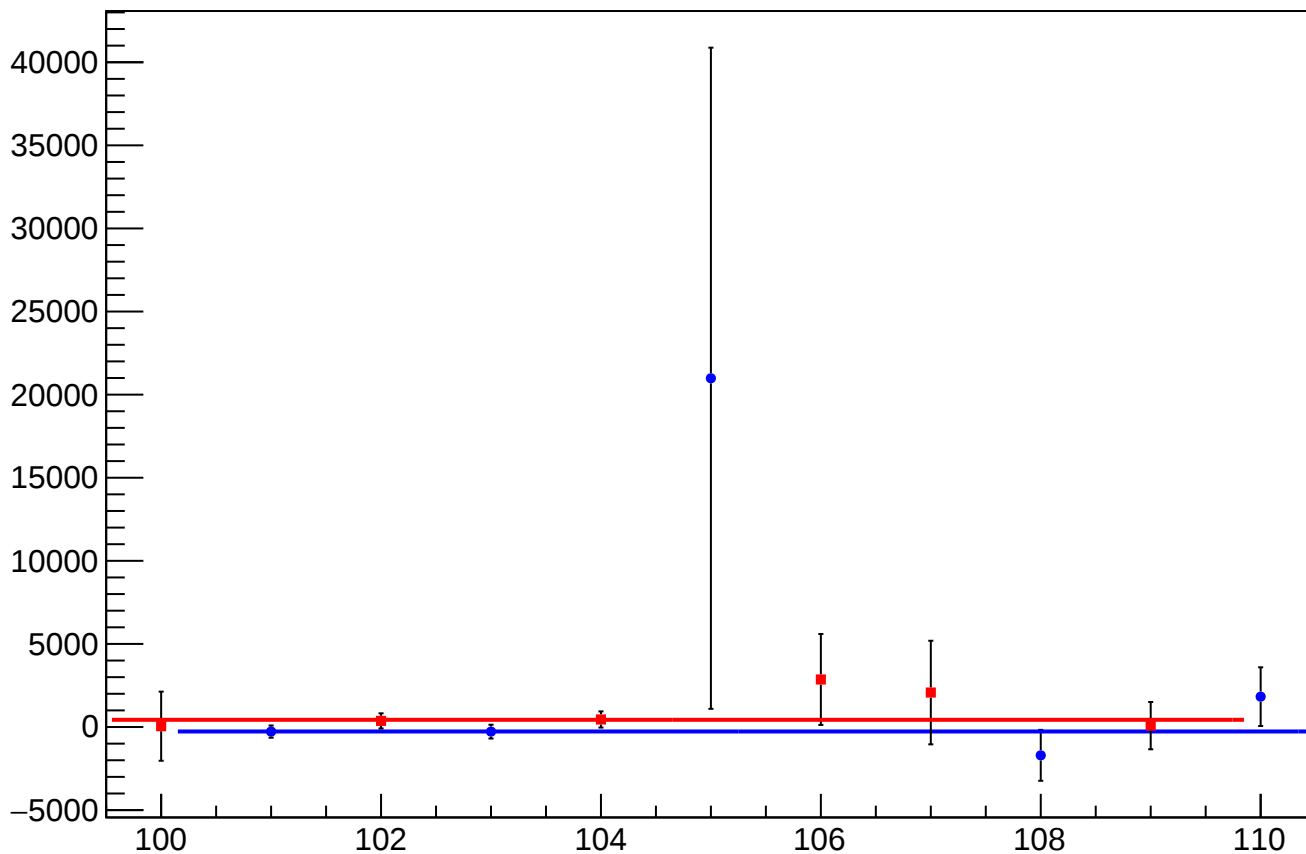
361.841 $\pm$ 0.190 χ^2 /NDF: 110583.5/4

Right Out: 340.254 $\pm$ 0.165 χ^2 /NDF: 210963.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

340.254 $\pm$ 0.165 χ^2 /NDF: 210963.8/5

asym_bpm0l03WS_mean vs slug



Right In: -267.924+/-266.932 χ^2 /NDF: 3.4/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

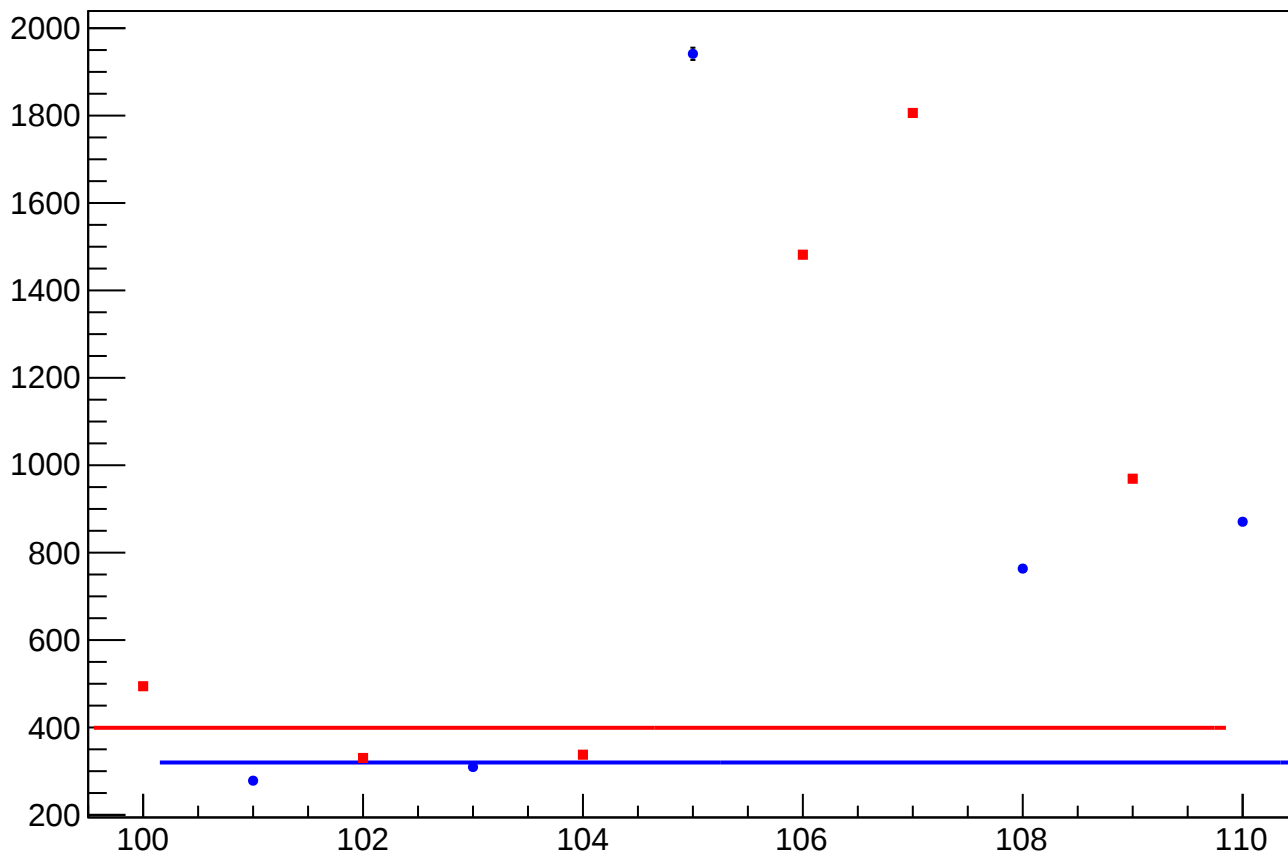
Right Out: 434.227+/-316.117 χ^2 /NDF: 1.2/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-267.924+/-266.932 χ^2 /NDF: 3.4/4

434.227+/-316.117 χ^2 /NDF: 1.2/5

asym_bpm0l03WS_rms vs slug



Right In: 319.844 $\pm$ 0.189 χ^2 /NDF: 402648.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

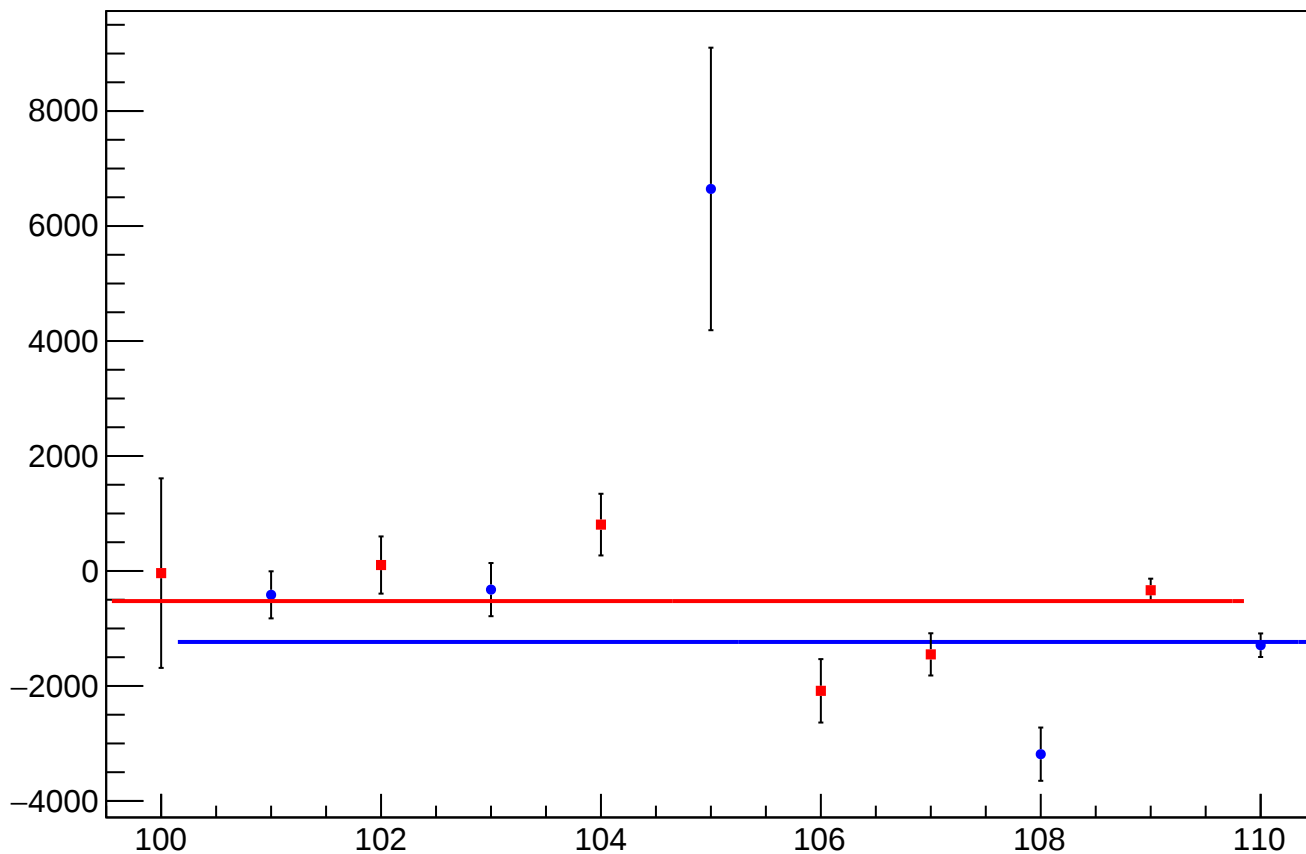
Right Out: 399.250 $\pm$ 0.224 χ^2 /NDF: 1123601.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

319.844 $\pm$ 0.189 χ^2 /NDF: 402648.7/4

399.250 $\pm$ 0.224 χ^2 /NDF: 1123601.7/5

asym_bpm0l04WS_mean vs slug



Right In: -1234.461+/-159.569 χ^2/NDF : 36.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

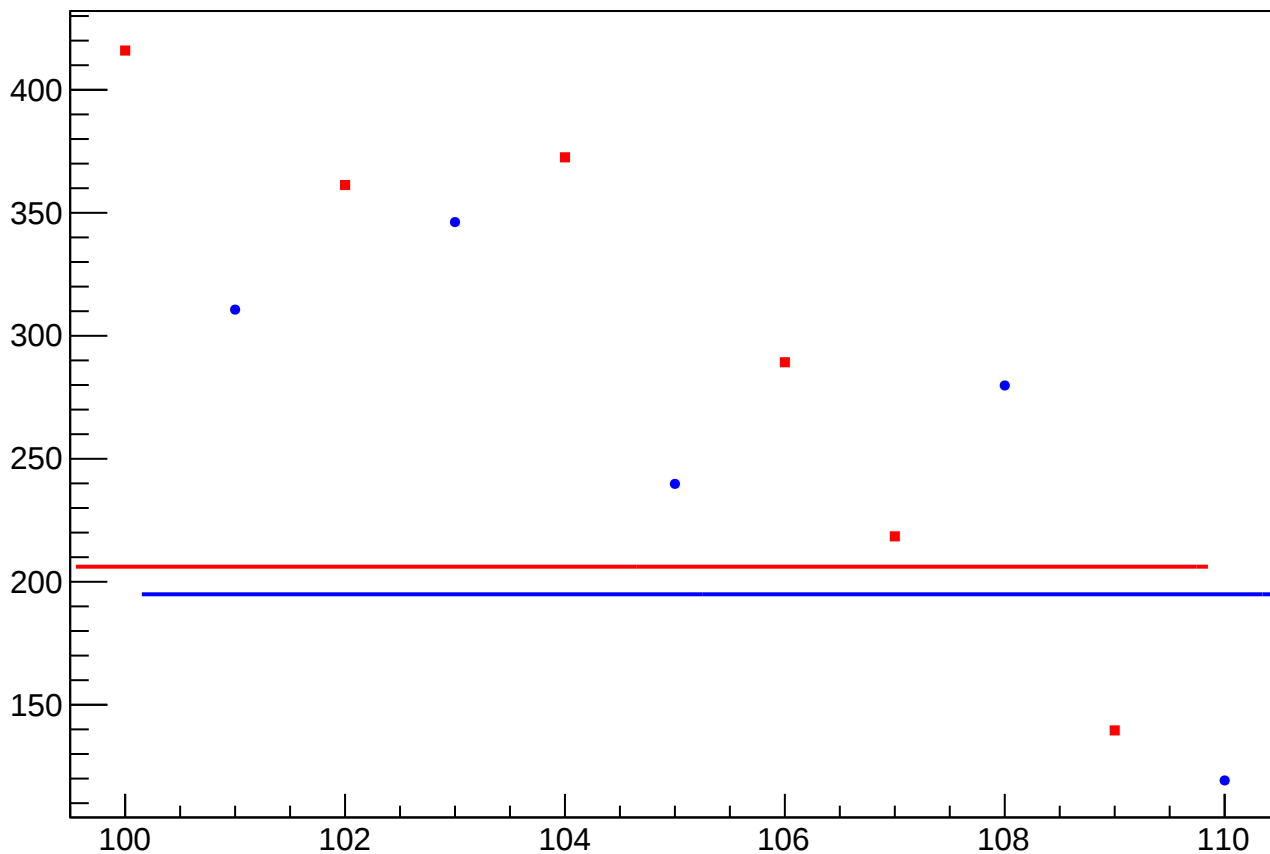
Right Out: -523.516+/-151.908 χ^2/NDF : 23.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1234.461+/-159.569 χ^2/NDF : 36.0/4

-523.516+/-151.908 χ^2/NDF : 23.1/5

asym_bpm0l04WS_rms vs slug



Right In: 194.920+/-0.113 χ^2/NDF : 714503.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

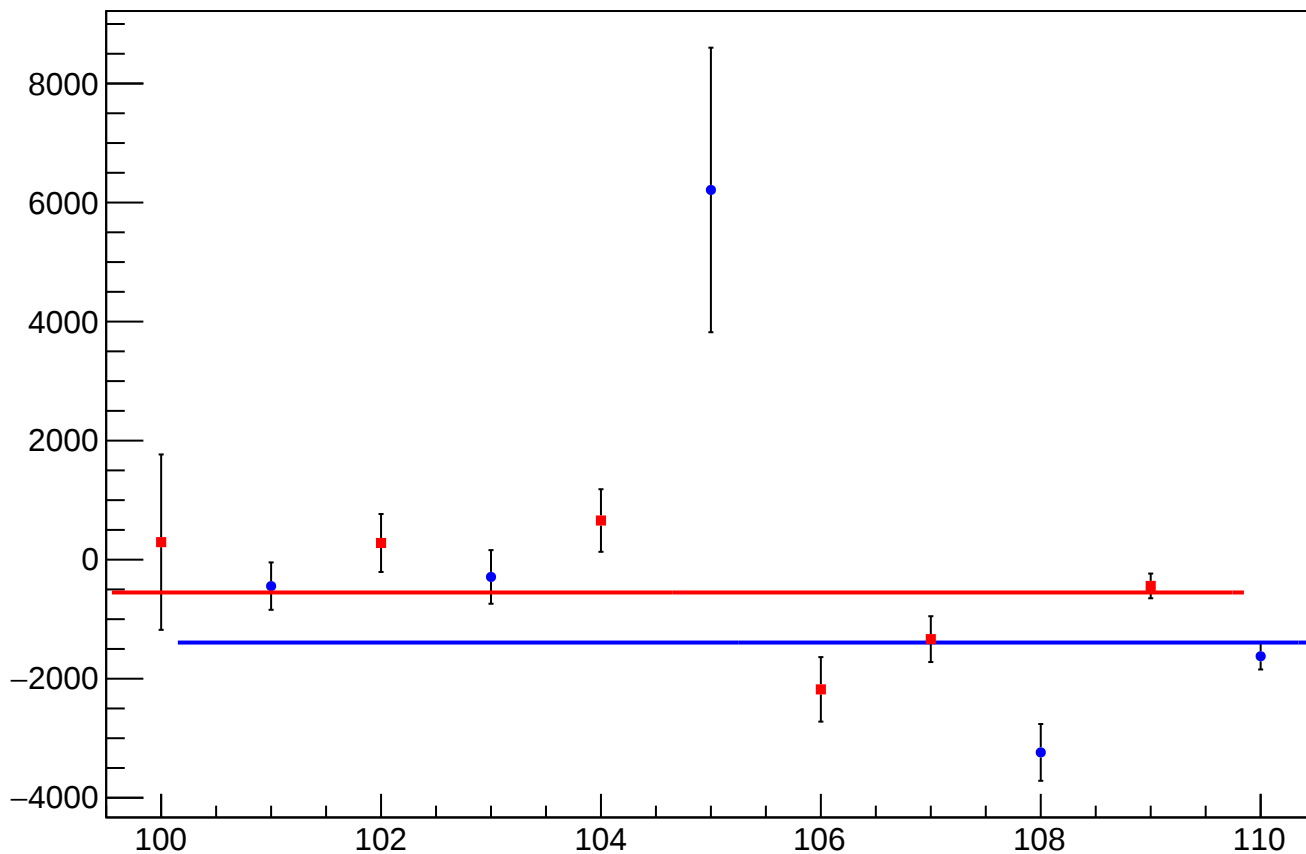
Right Out: 206.144+/-0.107 χ^2/NDF : 686413.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.920+/-0.113 χ^2/NDF : 714503.7/4

206.144+/-0.107 χ^2/NDF : 686413.9/5

asym_bpm0l05WS_mean vs slug



Right In: -1392.450 $\pm$ 166.791 χ^2 /NDF: 37.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

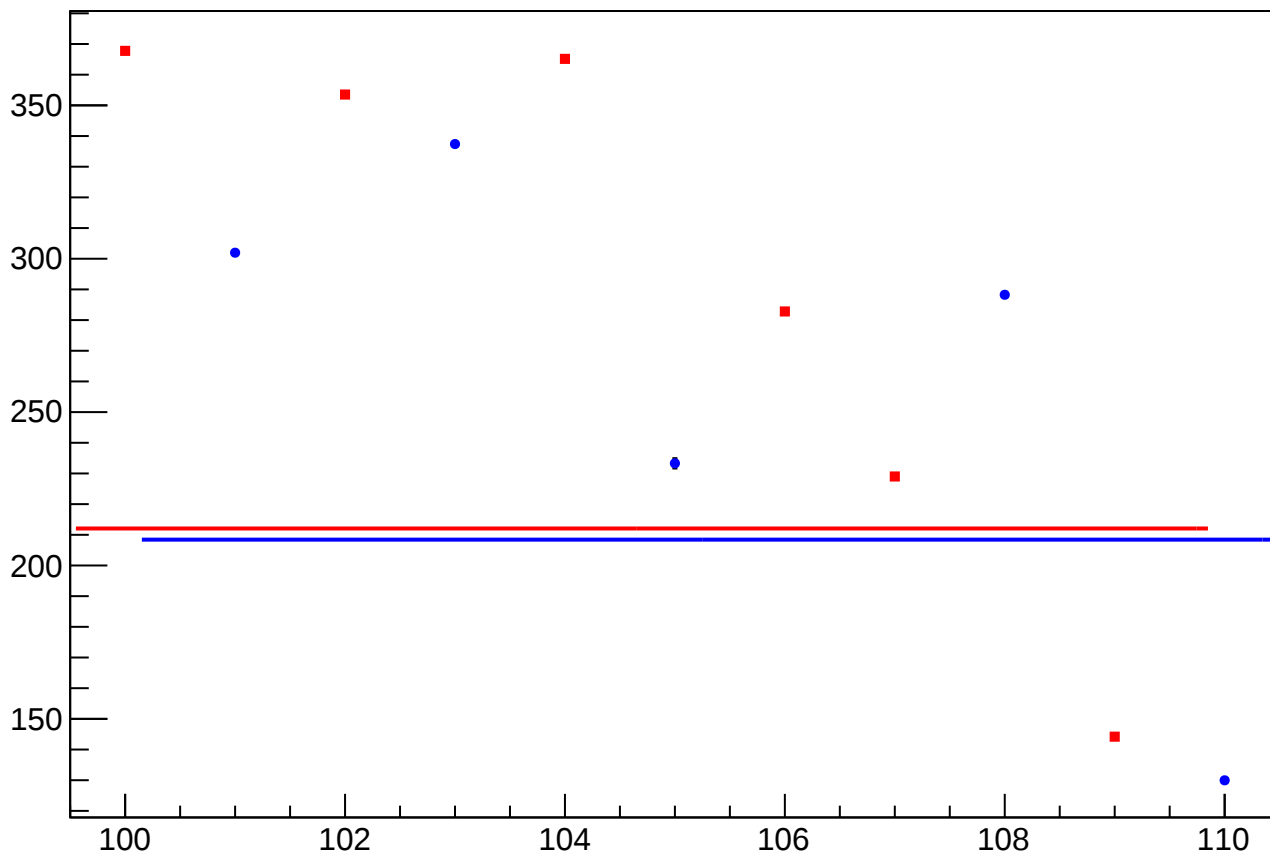
Right Out: -551.237 $\pm$ 154.880 χ^2 /NDF: 22.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1392.450 $\pm$ 166.791 χ^2 /NDF: 37.8/4

-551.237 $\pm$ 154.880 χ^2 /NDF: 22.0/5

asym_bpm0l05WS_rms vs slug



Right In: 208.425+/-0.118 χ^2/NDF : 578435.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

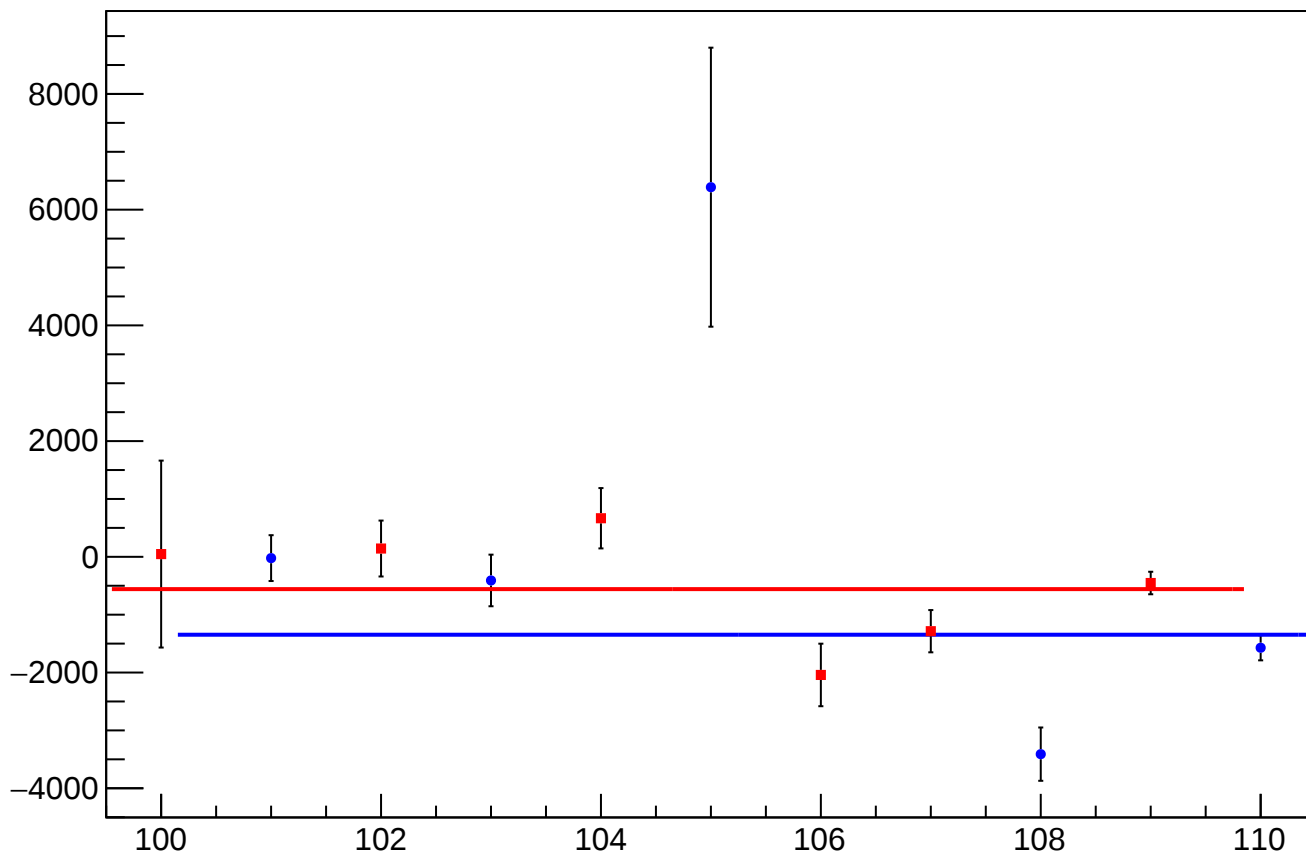
Right Out: 212.064+/-0.110 χ^2/NDF : 612786.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

208.425+/-0.118 χ^2/NDF : 578435.0/4

212.064+/-0.110 χ^2/NDF : 612786.2/5

asym_bpm0l06WS_mean vs slug



Right In: -1346.495 $\pm$ 163.466 χ^2 /NDF: 47.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

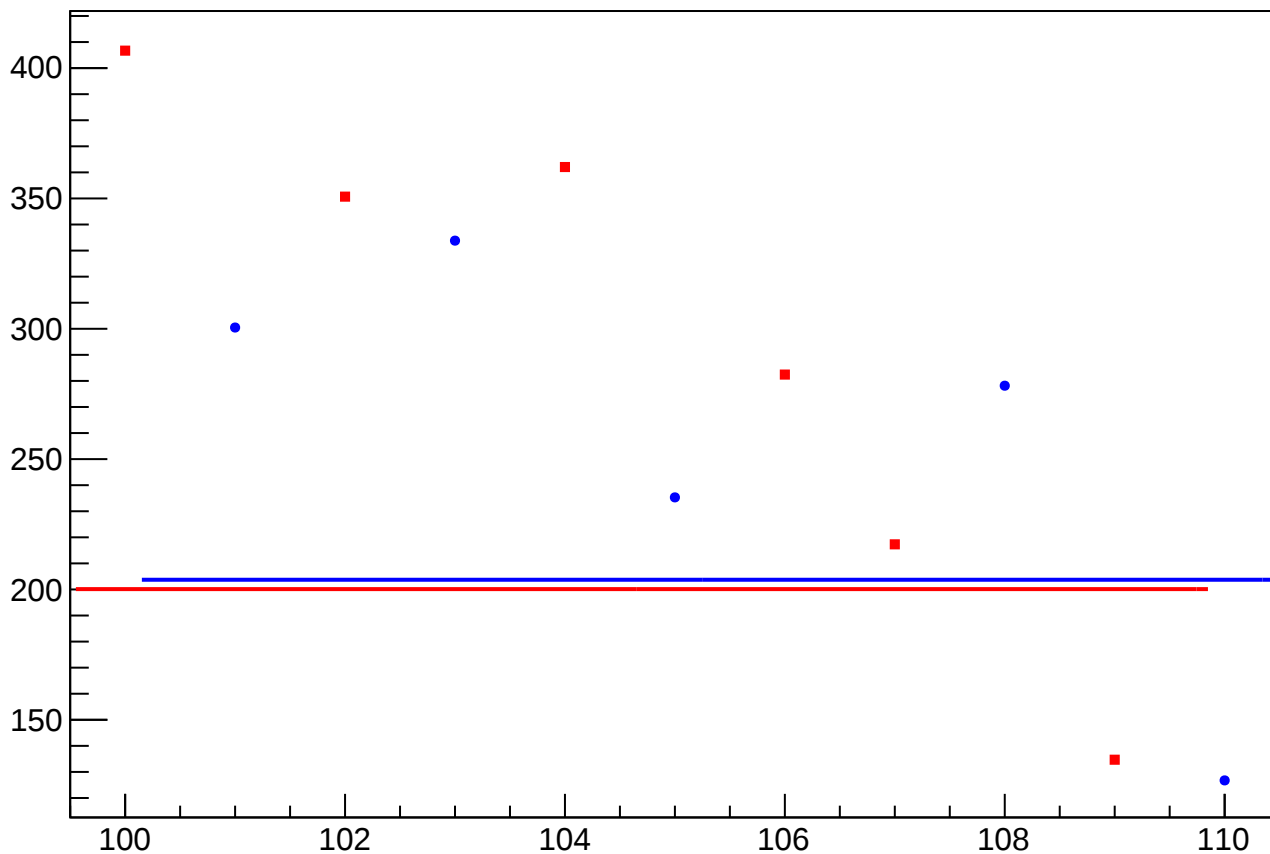
Right Out: -558.193 $\pm$ 147.911 χ^2 /NDF: 19.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1346.495 $\pm$ 163.466 χ^2 /NDF: 47.0/4

-558.193 $\pm$ 147.911 χ^2 /NDF: 19.6/5

asym_bpm0l06WS_rms vs slug



Right In: 203.724+/-0.116 χ^2/NDF : 592573.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

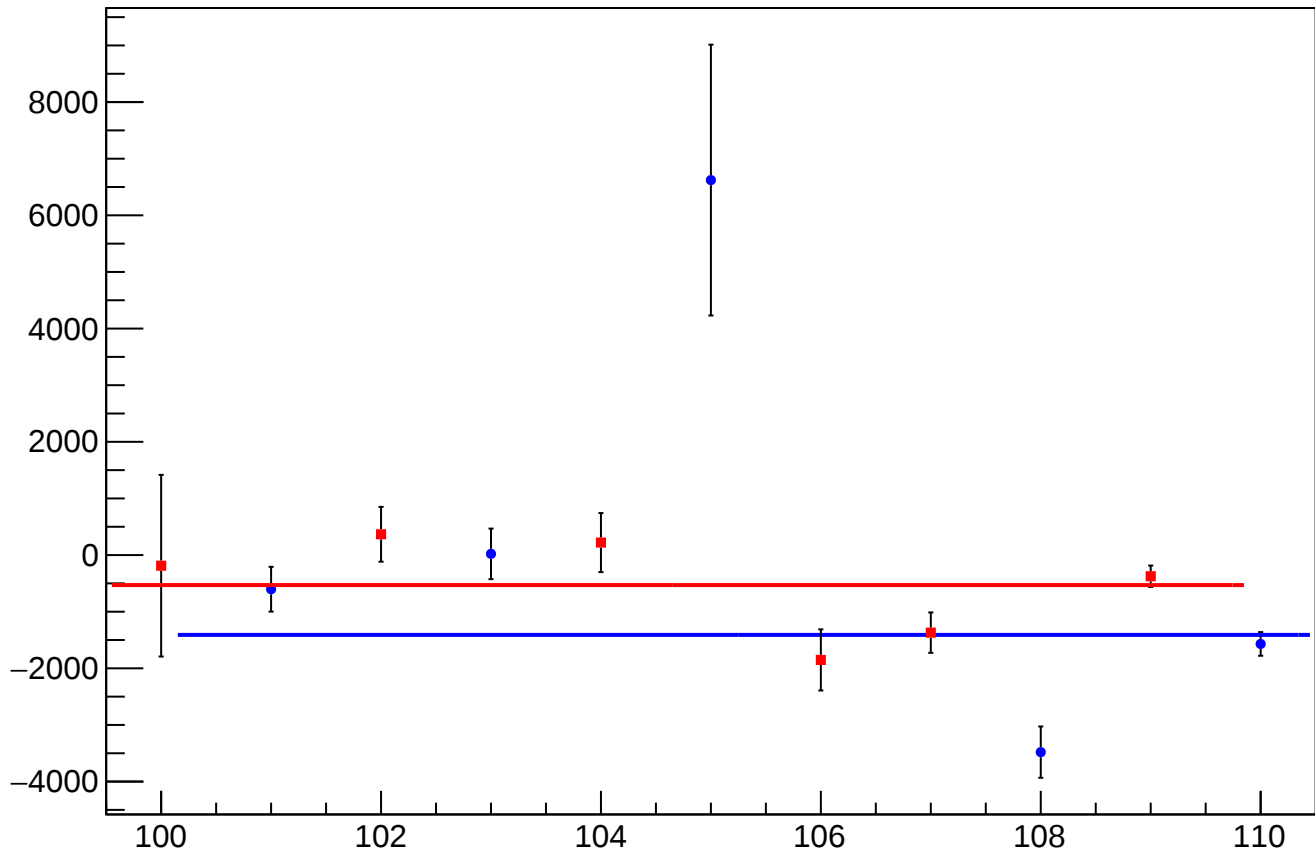
203.724+/-0.116 χ^2/NDF : 592573.5/4

Right Out: 200.134+/-0.105 χ^2/NDF : 697127.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.134+/-0.105 χ^2/NDF : 697127.7/5

asym_bpm0l07WS_mean vs slug



Right In: -1409.562 $\pm$ 159.310 χ^2 /NDF: 47.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

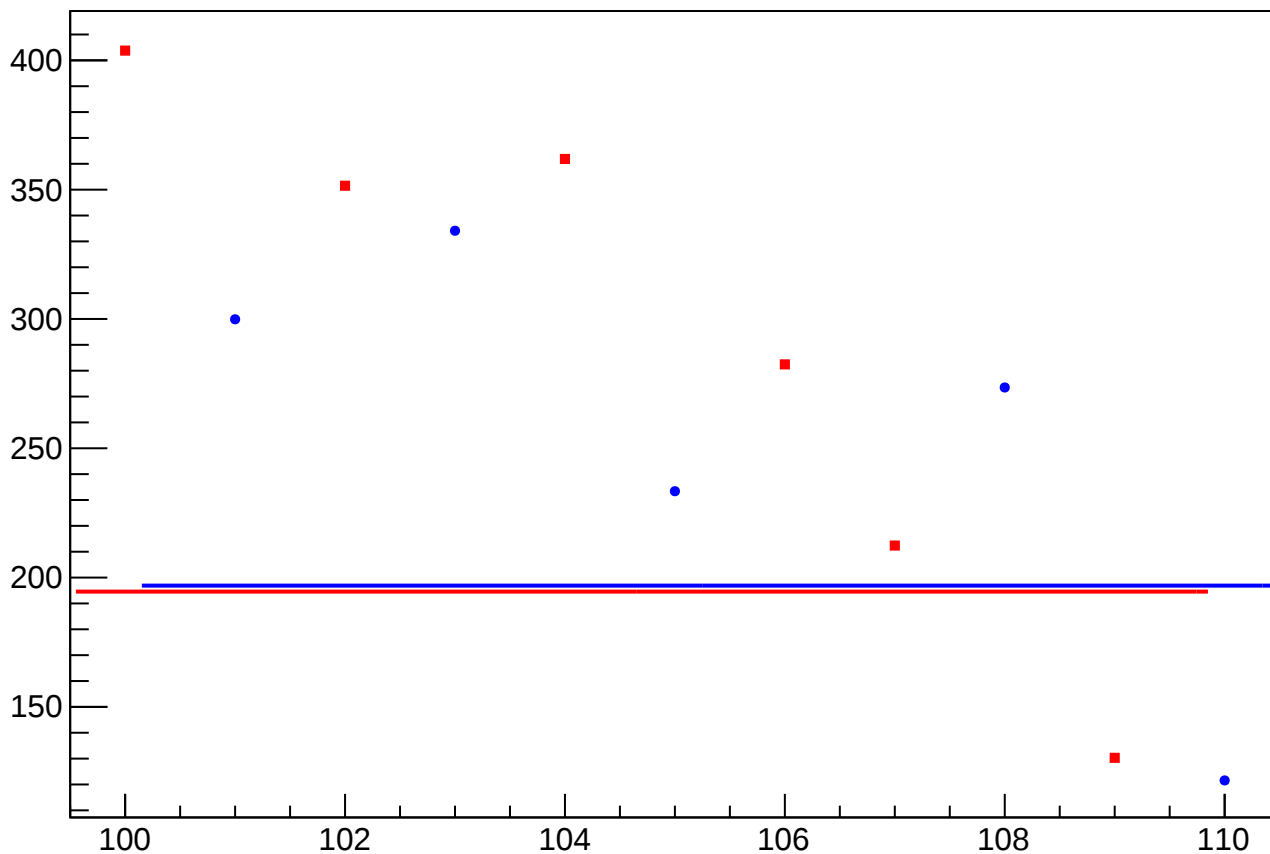
Right Out: -530.043 $\pm$ 144.731 χ^2 /NDF: 17.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1409.562 $\pm$ 159.310 χ^2 /NDF: 47.2/4

-530.043 $\pm$ 144.731 χ^2 /NDF: 17.8/5

asym_bpm0l07WS_rms vs slug



Right In: 196.891+/-0.113 χ^2/NDF : 642725.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

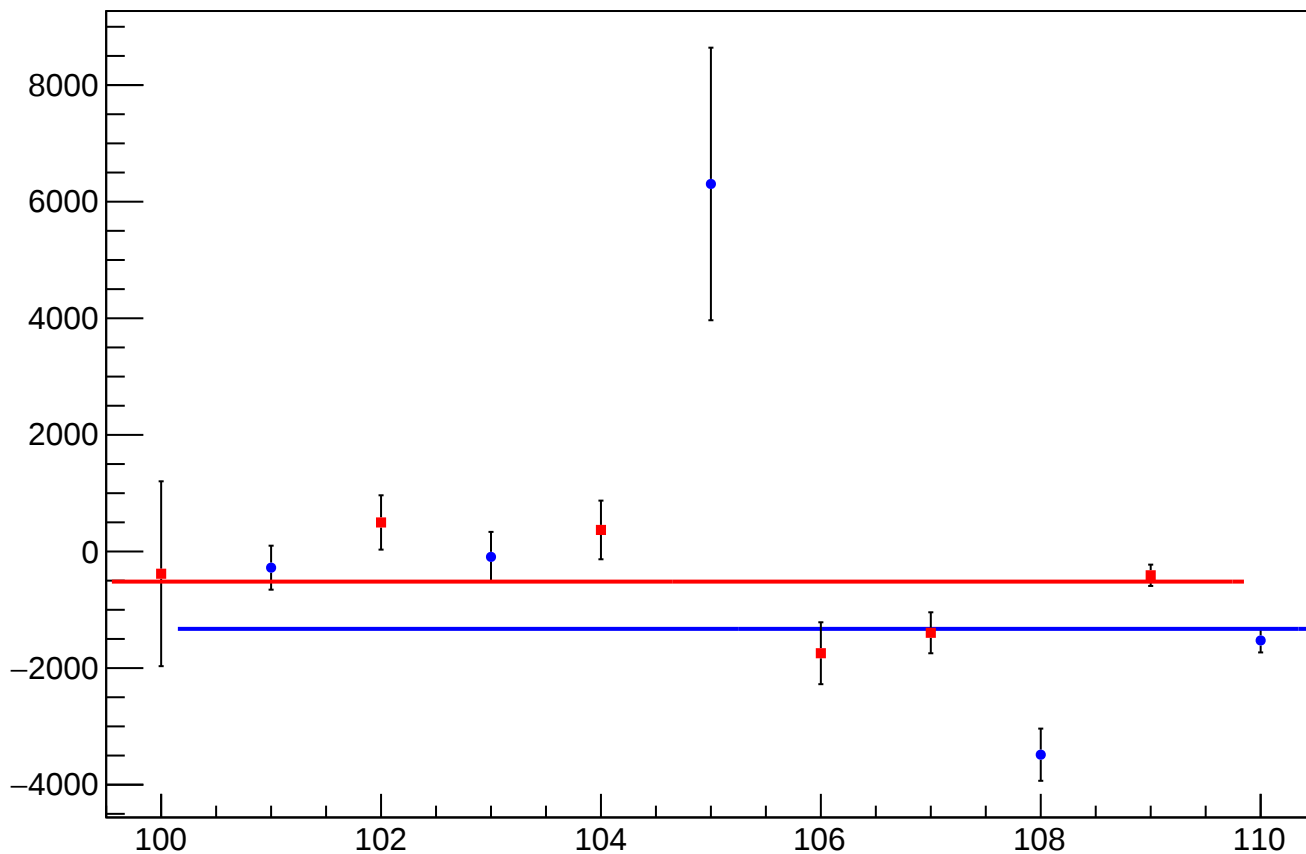
Right Out: 194.579+/-0.102 χ^2/NDF : 740595.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

196.891+/-0.113 χ^2/NDF : 642725.7/4

194.579+/-0.102 χ^2/NDF : 740595.4/5

asym_bpm0l08WS_mean vs slug



Right In: -1327.063+/-155.568 χ^2/NDF : 50.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

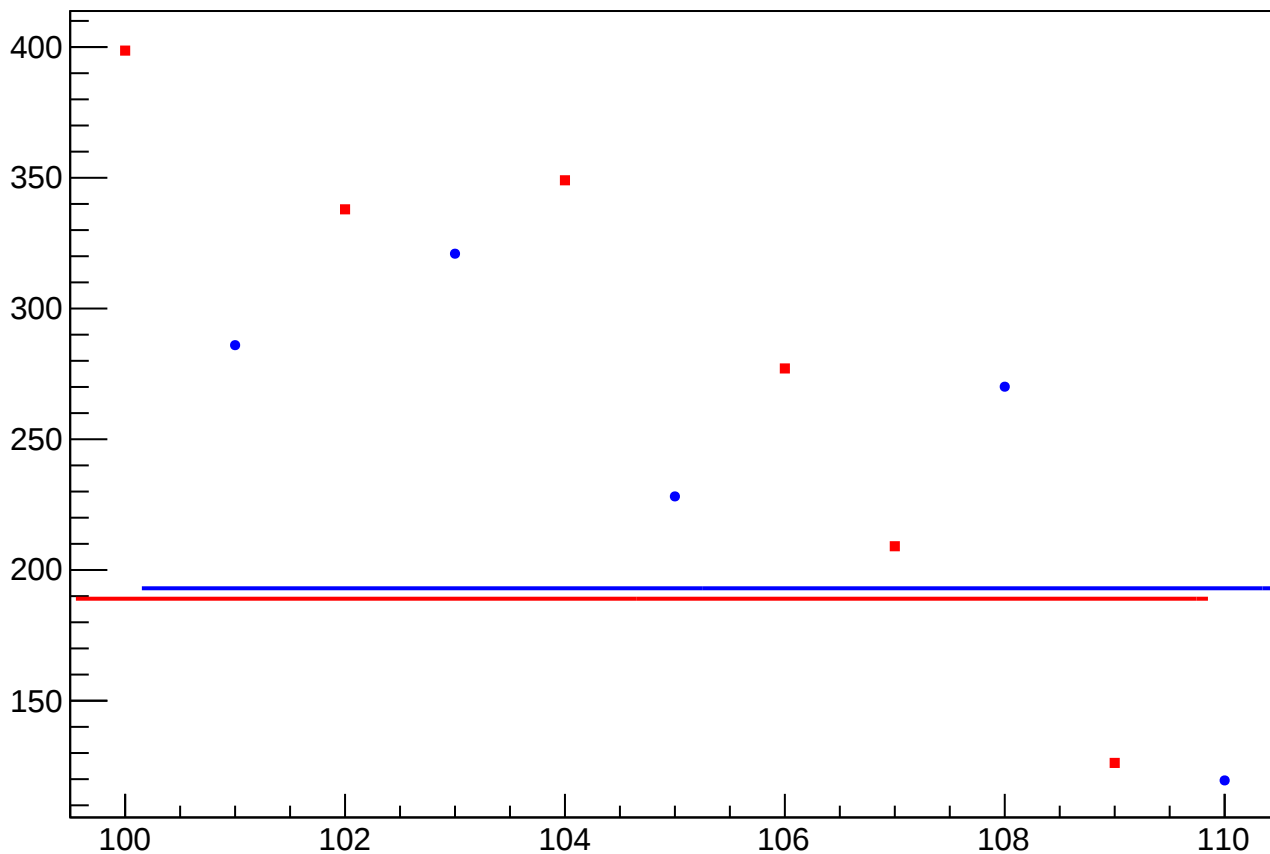
Right Out: -516.527+/-140.736 χ^2/NDF : 19.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1327.063+/-155.568 χ^2/NDF : 50.9/4

-516.527+/-140.736 χ^2/NDF : 19.8/5

asym_bpm0l08WS_rms vs slug



Right In: 193.004+/-0.110 χ^2/NDF : 615124.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

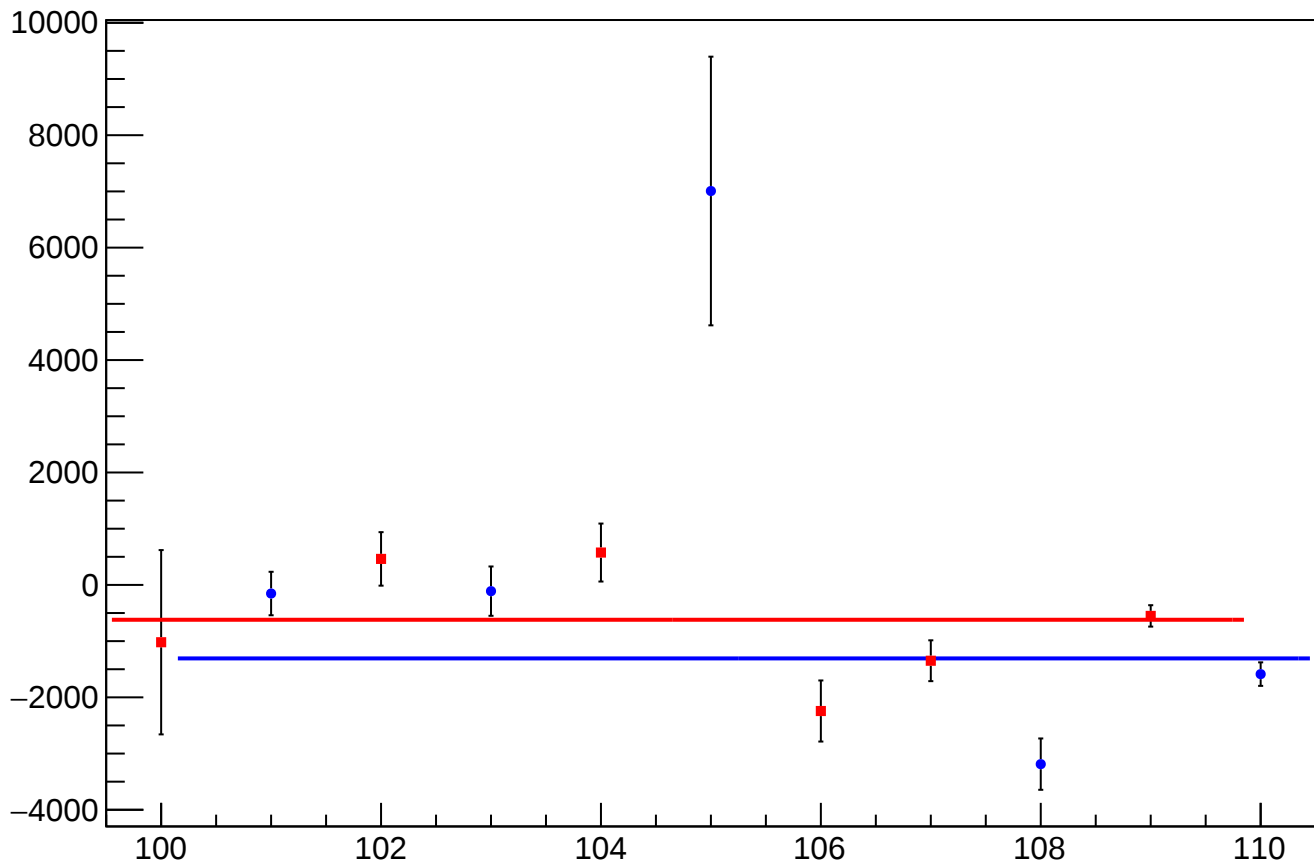
Right Out: 189.014+/-0.100 χ^2/NDF : 739057.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.004+/-0.110 χ^2/NDF : 615124.8/4

189.014+/-0.100 χ^2/NDF : 739057.3/5

asym_bpm0l09WS_mean vs slug



Right In: -1307.464 $\pm$ 158.690 χ^2 /NDF: 47.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

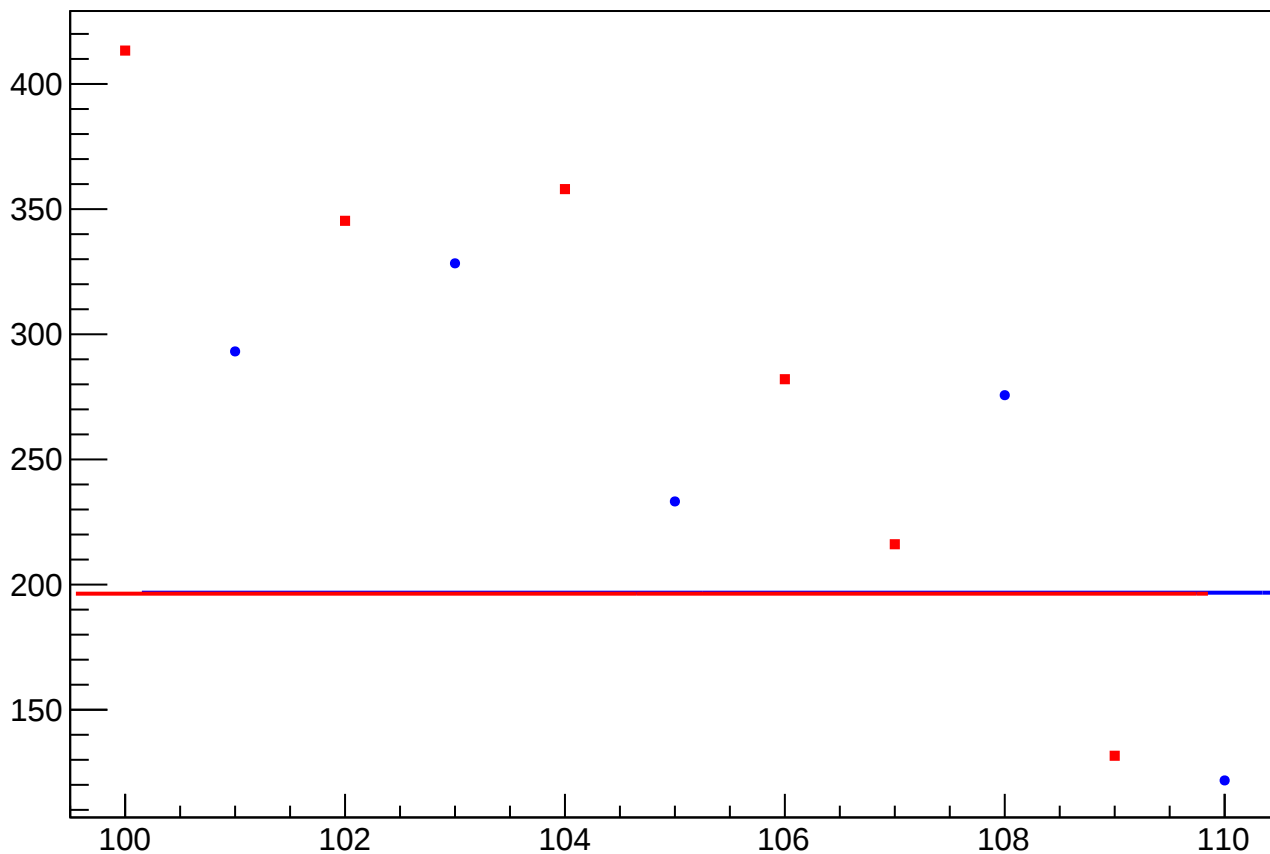
Right Out: -619.870 $\pm$ 145.704 χ^2 /NDF: 23.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1307.464 $\pm$ 158.690 χ^2 /NDF: 47.2/4

-619.870 $\pm$ 145.704 χ^2 /NDF: 23.7/5

asym_bpm0l09WS_rms vs slug



Right In: 196.767+/-0.112 χ^2/NDF : 621596.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

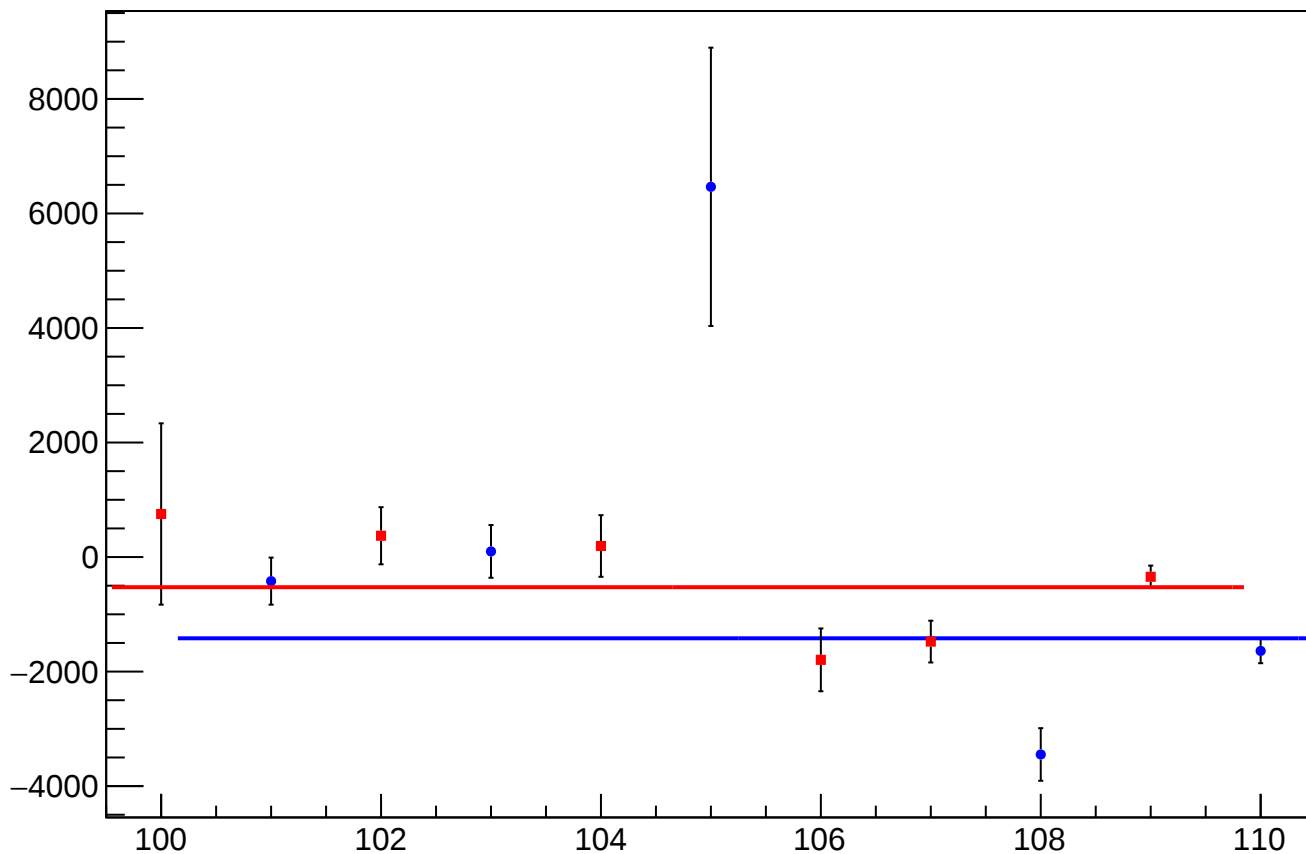
Right Out: 196.375+/-0.103 χ^2/NDF : 714530.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

196.767+/-0.112 χ^2/NDF : 621596.2/4

196.375+/-0.103 χ^2/NDF : 714530.8/5

asym_bpm0l10WS_mean vs slug



Right In: -1418.665 $\pm$ 163.723 χ^2 /NDF: 47.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

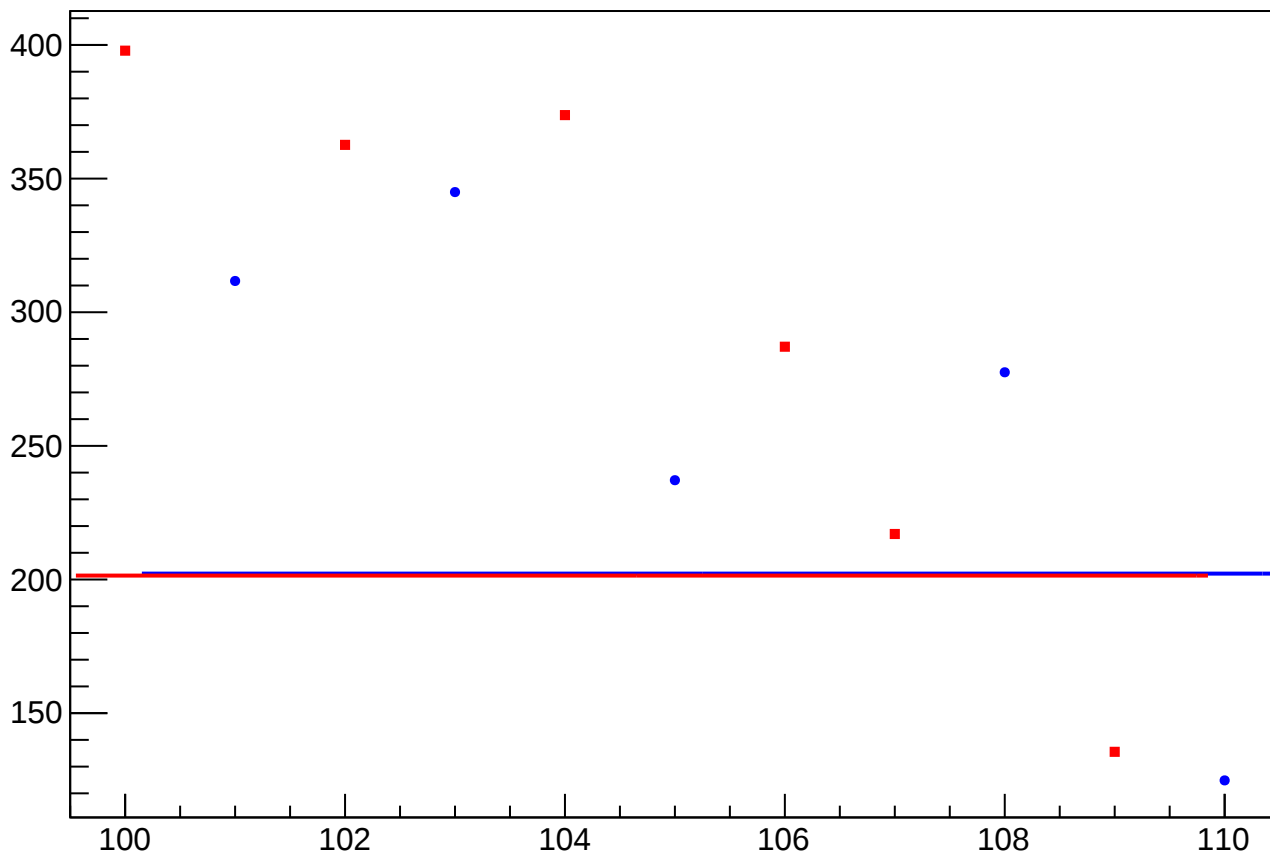
Right Out: -526.494 $\pm$ 149.373 χ^2 /NDF: 18.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1418.665 $\pm$ 163.723 χ^2 /NDF: 47.8/4

-526.494 $\pm$ 149.373 χ^2 /NDF: 18.7/5

asym_bpm0l10WS_rms vs slug



Right In: 202.210+/-0.116 χ^2/NDF : 648809.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

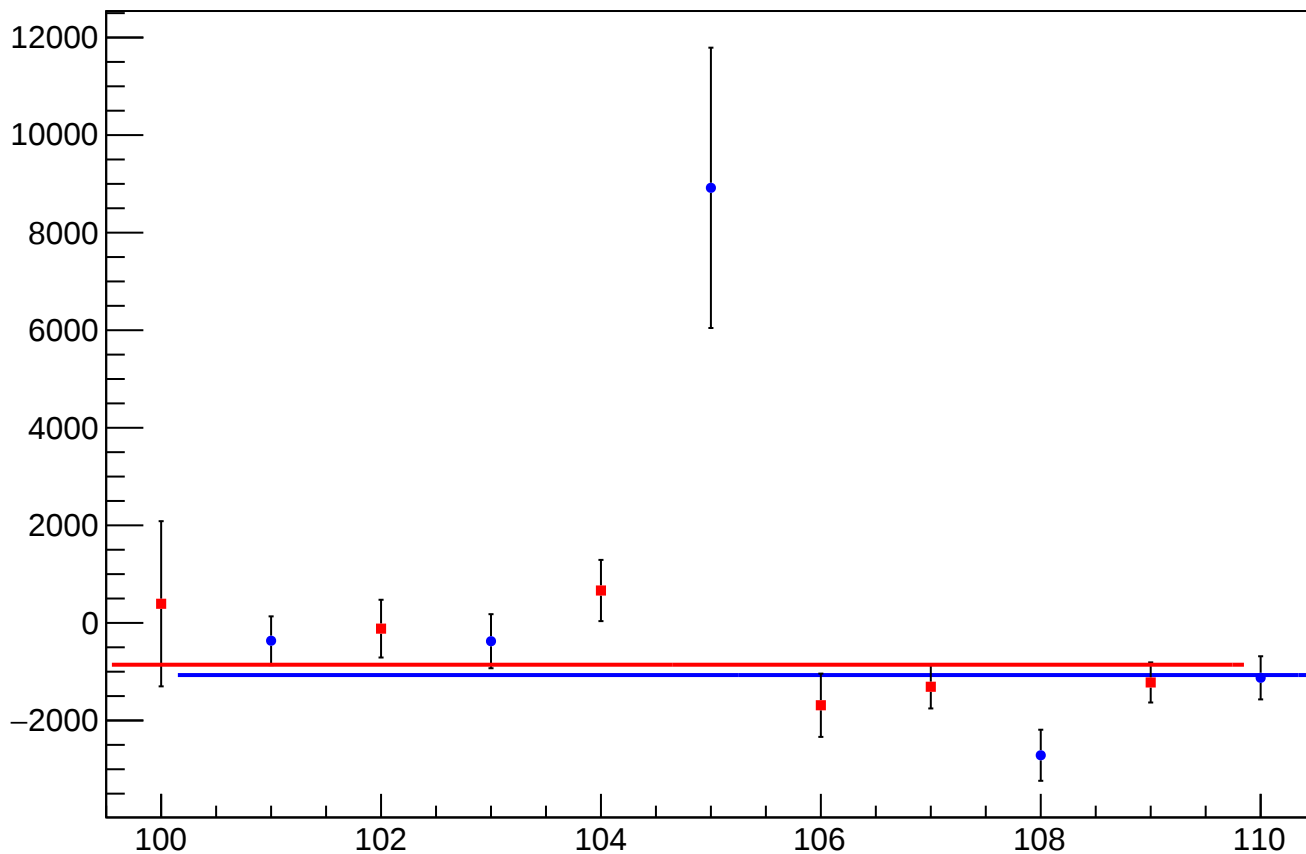
202.210+/-0.116 χ^2/NDF : 648809.1/4

Right Out: 201.472+/-0.106 χ^2/NDF : 723776.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

201.472+/-0.106 χ^2/NDF : 723776.8/5

asym_bpm0r03WS_mean vs slug



Right In: -1068.920 $\pm$ 248.824 χ^2 /NDF: 25.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

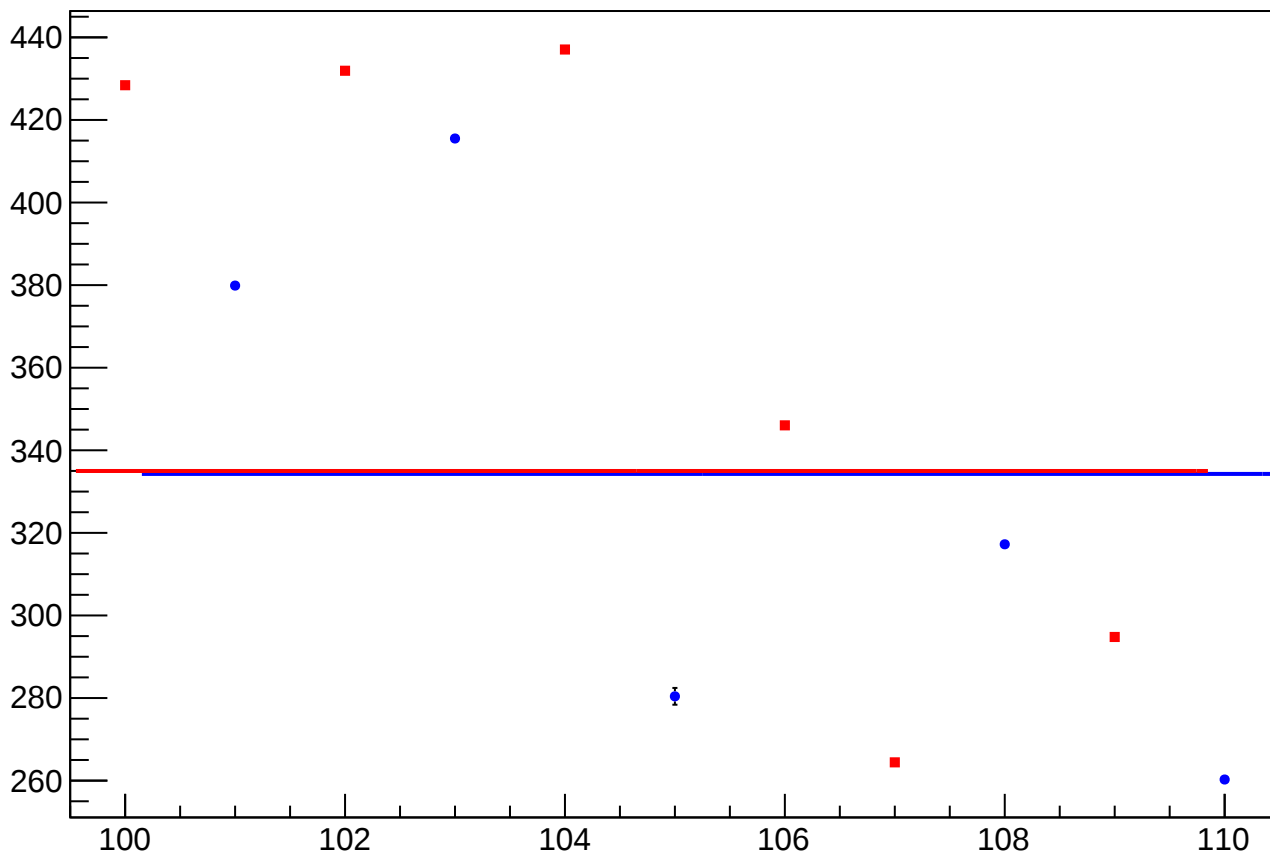
Right Out: -857.037 $\pm$ 228.835 χ^2 /NDF: 11.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1068.920 $\pm$ 248.824 χ^2 /NDF: 25.5/4

-857.037 $\pm$ 228.835 χ^2 /NDF: 11.4/5

asym_bpm0r03WS_rms vs slug



Right In: 334.277 $\pm$ 0.176 χ^2 /NDF: 118530.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

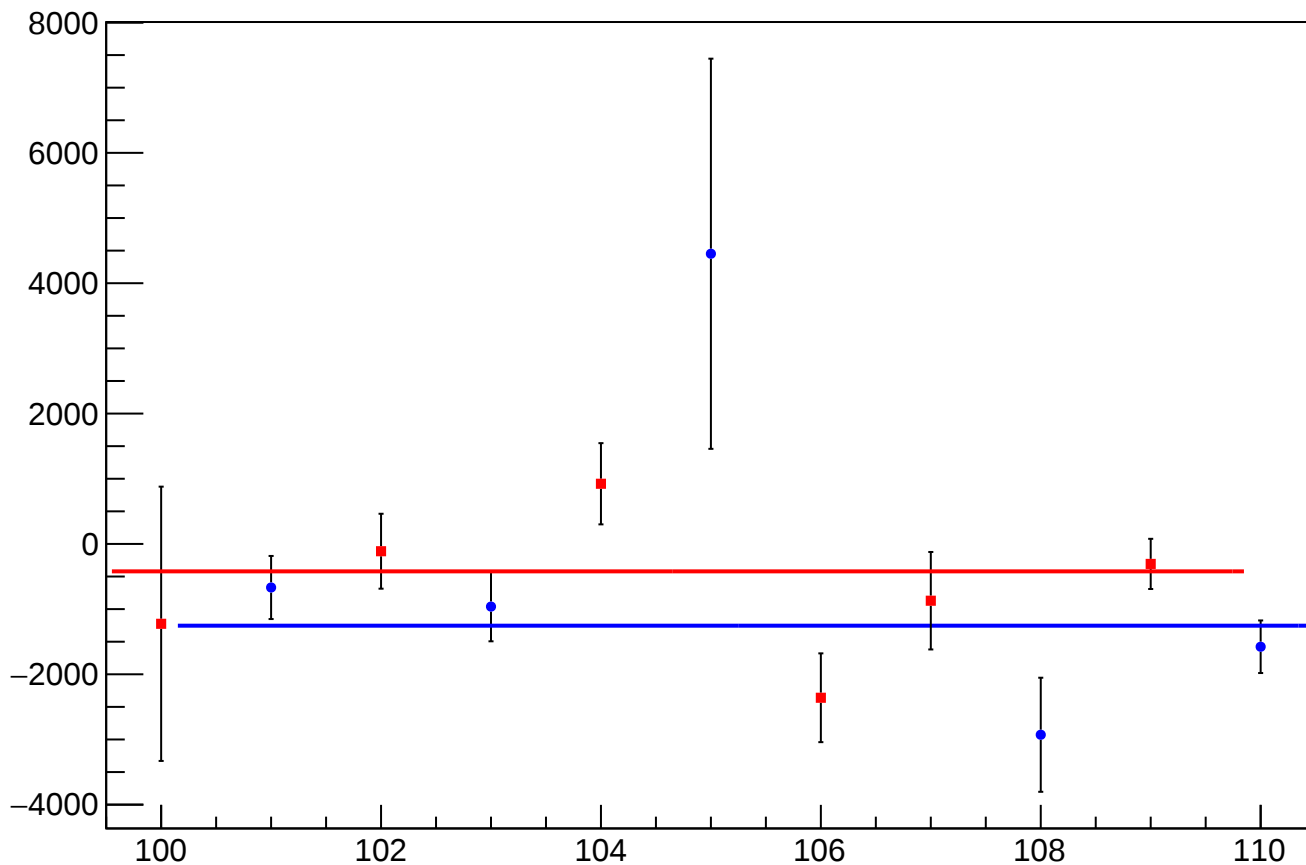
334.277 $\pm$ 0.176 χ^2 /NDF: 118530.5/4

Right Out: 334.987 $\pm$ 0.162 χ^2 /NDF: 182723.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

334.987 $\pm$ 0.162 χ^2 /NDF: 182723.0/5

asym_bpm0r05WS_mean vs slug



Right In: -1254.254 $\pm$ 255.158 χ^2 /NDF: 9.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

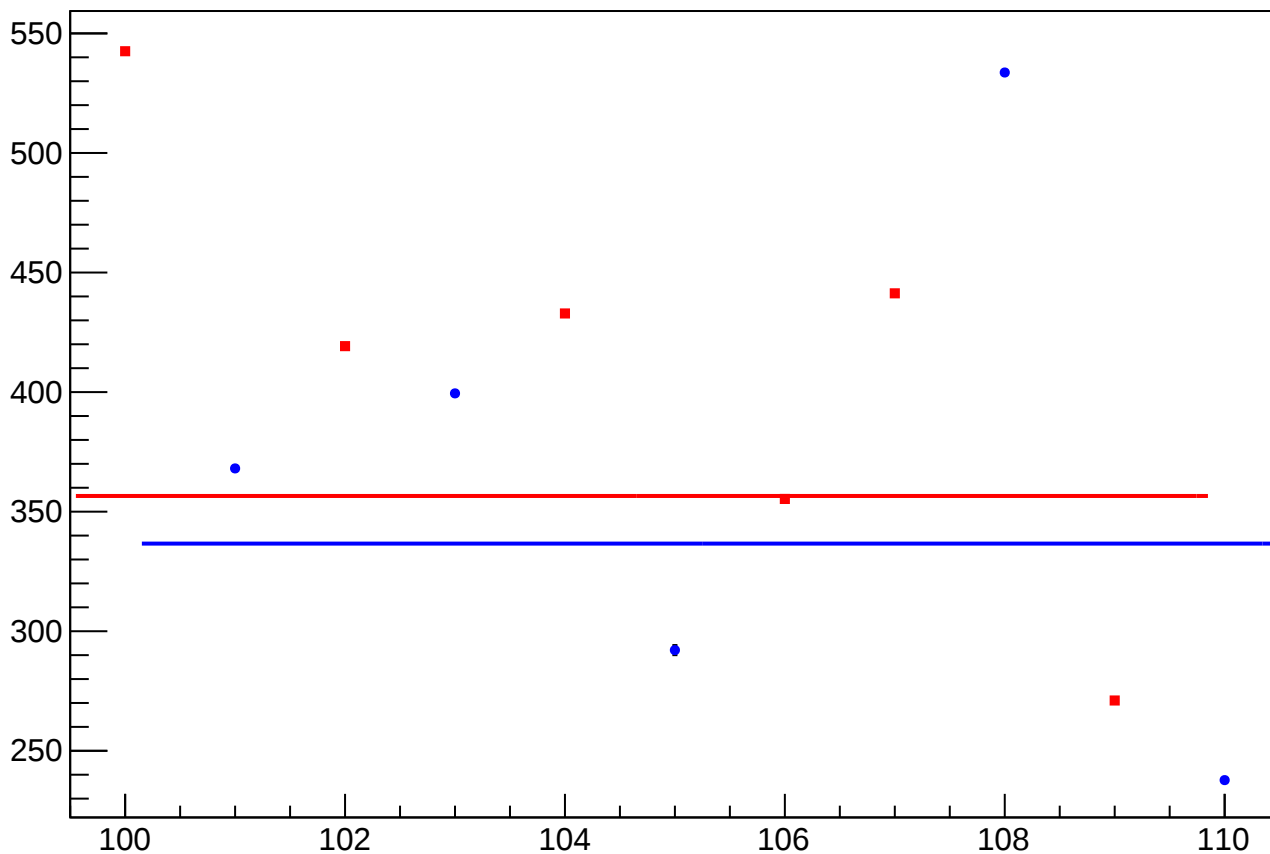
Right Out: -420.767 $\pm$ 246.030 χ^2 /NDF: 13.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1254.254 $\pm$ 255.158 χ^2 /NDF: 9.7/4

-420.767 $\pm$ 246.030 χ^2 /NDF: 13.6/5

asym_bpm0r05WS_rms vs slug



Right In: 336.647 $\pm$ 0.180 χ^2 /NDF: 258352.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

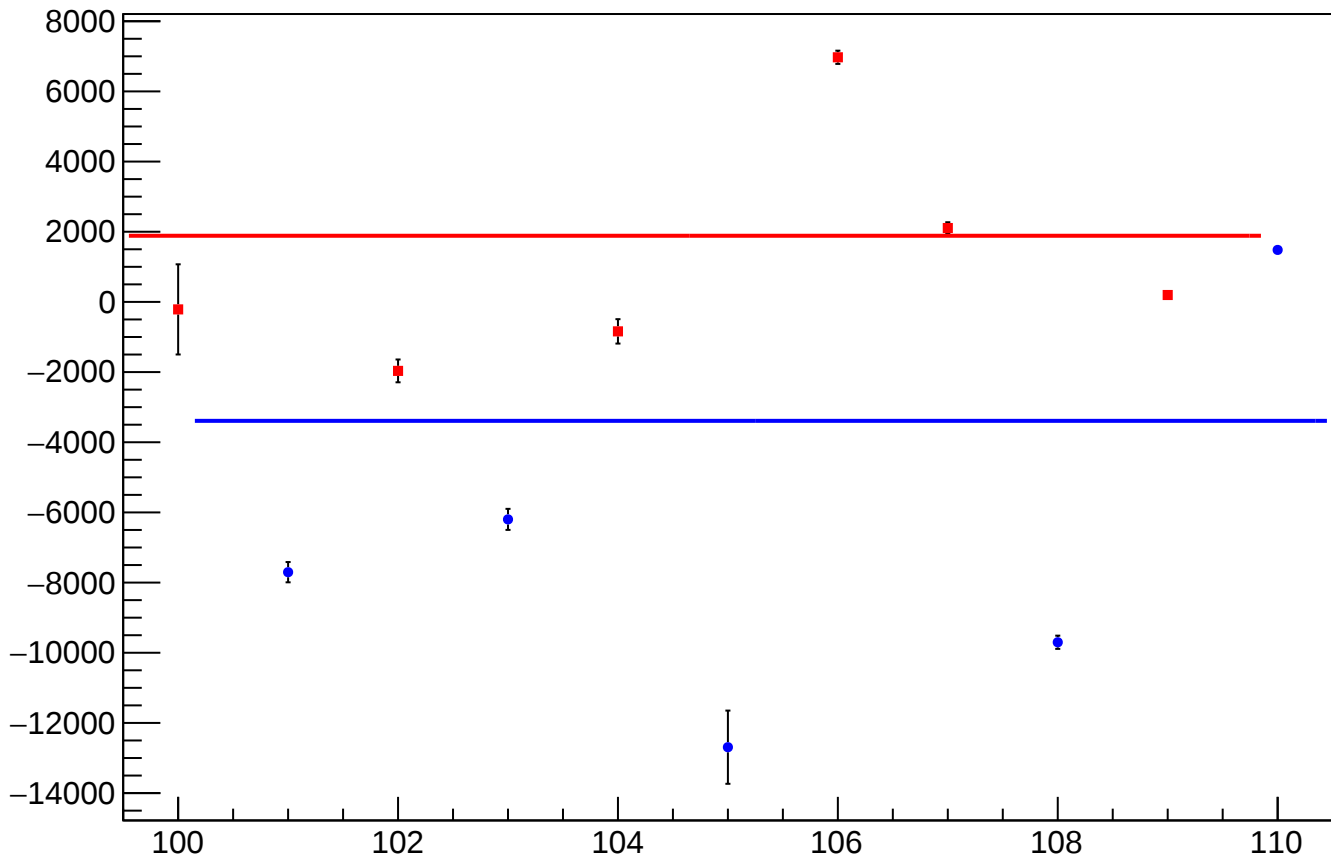
Right Out: 356.565 $\pm$ 0.174 χ^2 /NDF: 193808.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

336.647 $\pm$ 0.180 χ^2 /NDF: 258352.1/4

356.565 $\pm$ 0.174 χ^2 /NDF: 193808.4/5

asym_bpm1i04WS_mean vs slug



Right In: -3389.981+/-96.523 χ^2/NDF : 2820.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

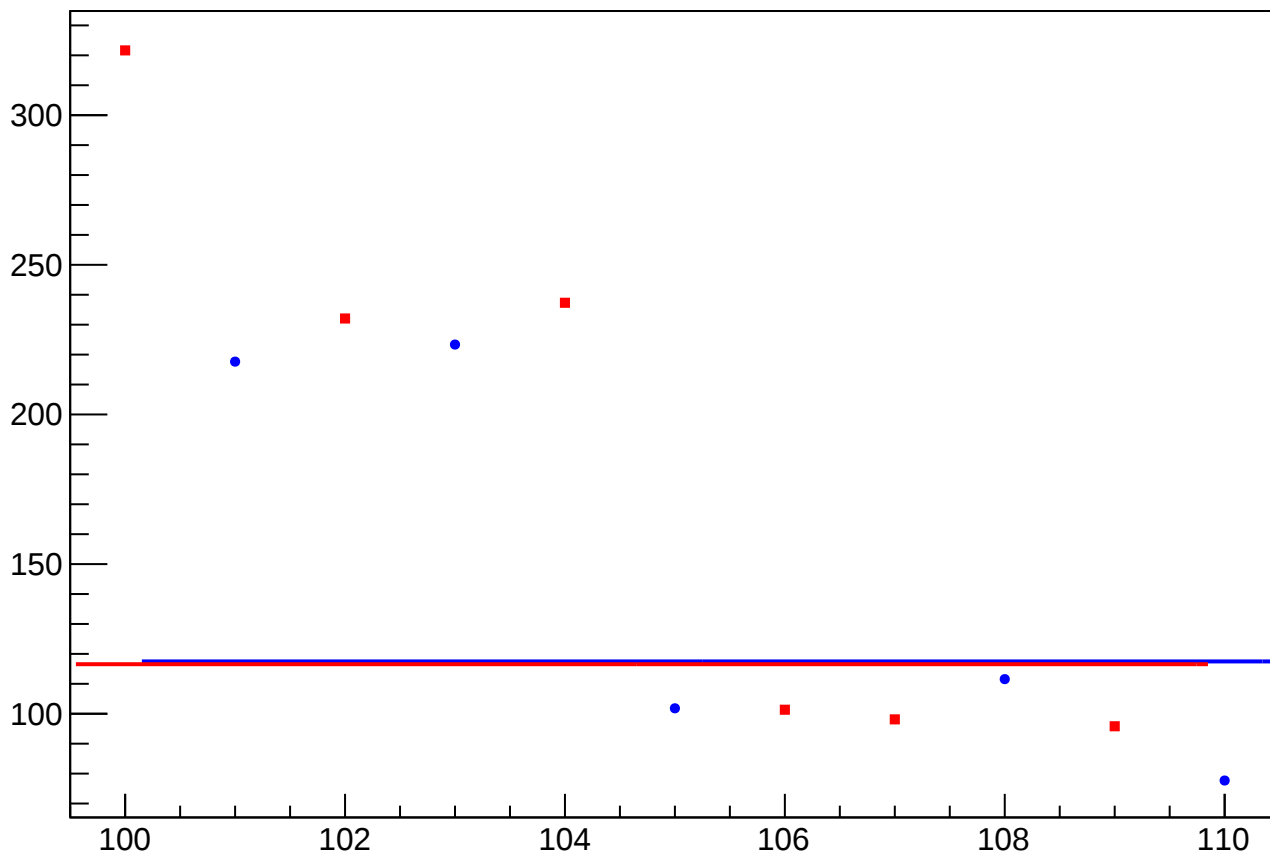
Right Out: 1885.408+/-85.528 χ^2/NDF : 1085.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3389.981+/-96.523 χ^2/NDF : 2820.2/4

1885.408+/-85.528 χ^2/NDF : 1085.9/5

asym_bpm1i04WS_rms vs slug



Right In: 117.480 $\pm$ 0.068 χ^2 /NDF: 666853.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

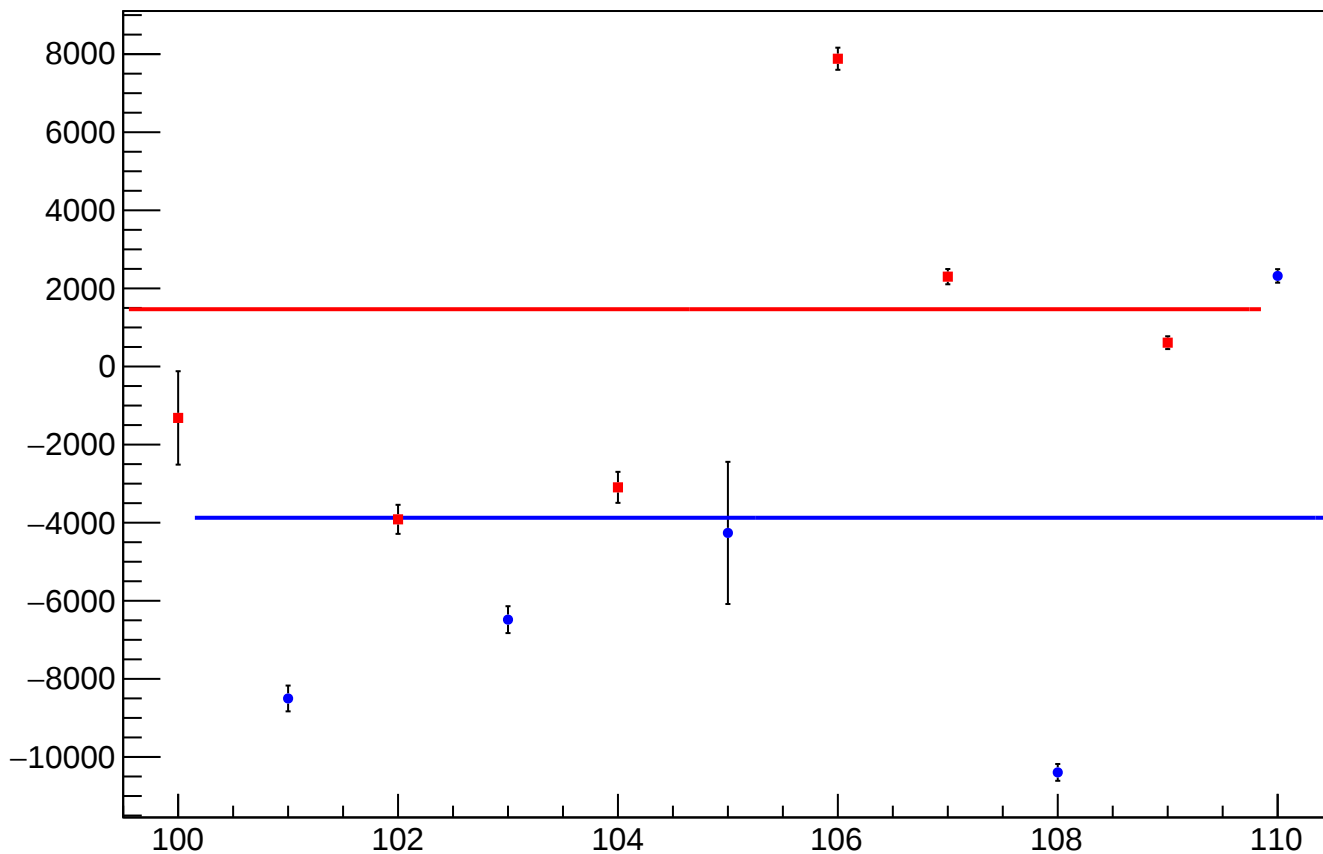
117.480 $\pm$ 0.068 χ^2 /NDF: 666853.7/4

Right Out: 116.552 $\pm$ 0.060 χ^2 /NDF: 628548.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

116.552 $\pm$ 0.060 χ^2 /NDF: 628548.8/5

asym_bpm1i06WS_mean vs slug



Right In: -3873.802 $\pm$ 117.326 χ^2 /NDF: 2443.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

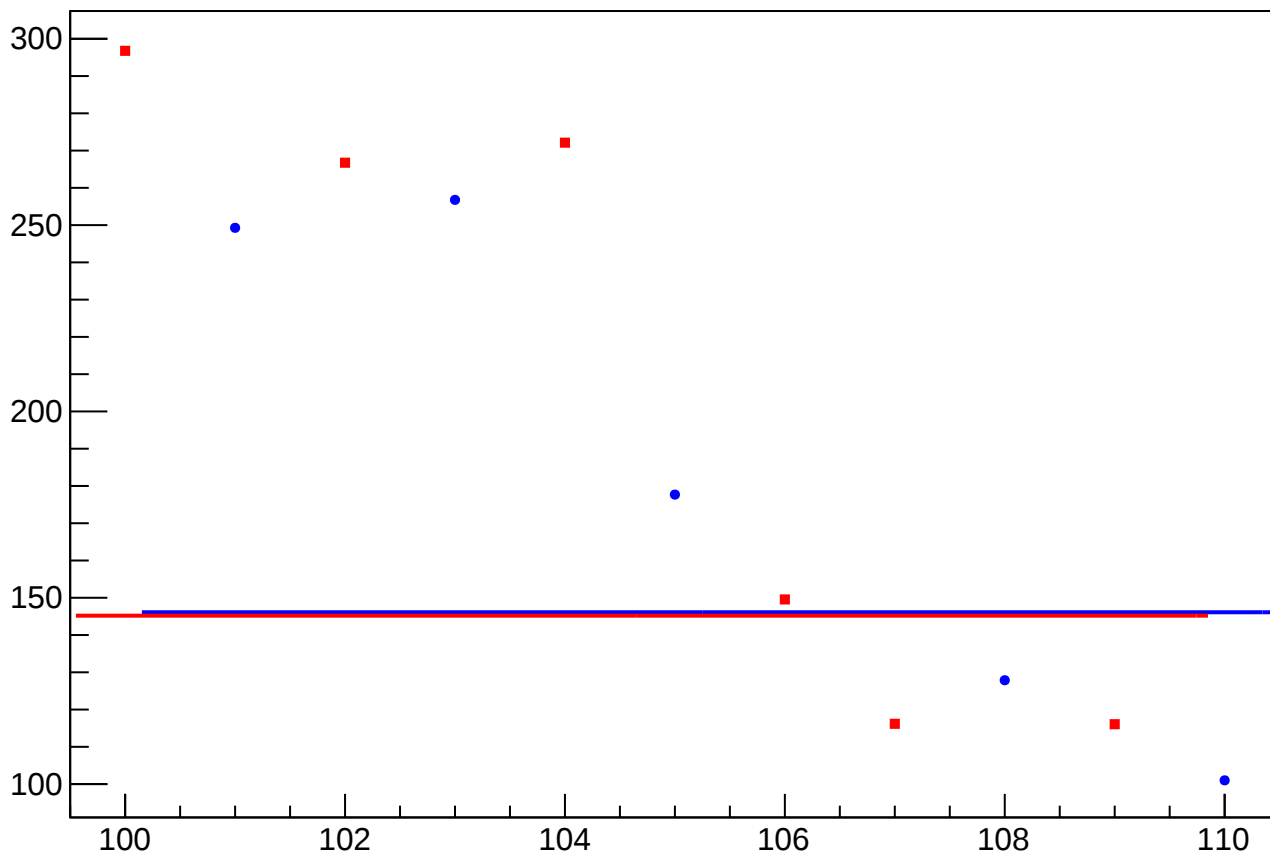
Right Out: 1467.343 $\pm$ 105.347 χ^2 /NDF: 904.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-3873.802 $\pm$ 117.326 χ^2 /NDF: 2443.7/4

1467.343 $\pm$ 105.347 χ^2 /NDF: 904.7/5

asym_bpm1i06WS_rms vs slug



Right In: 146.108+/-0.083 χ^2/NDF : 551630.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

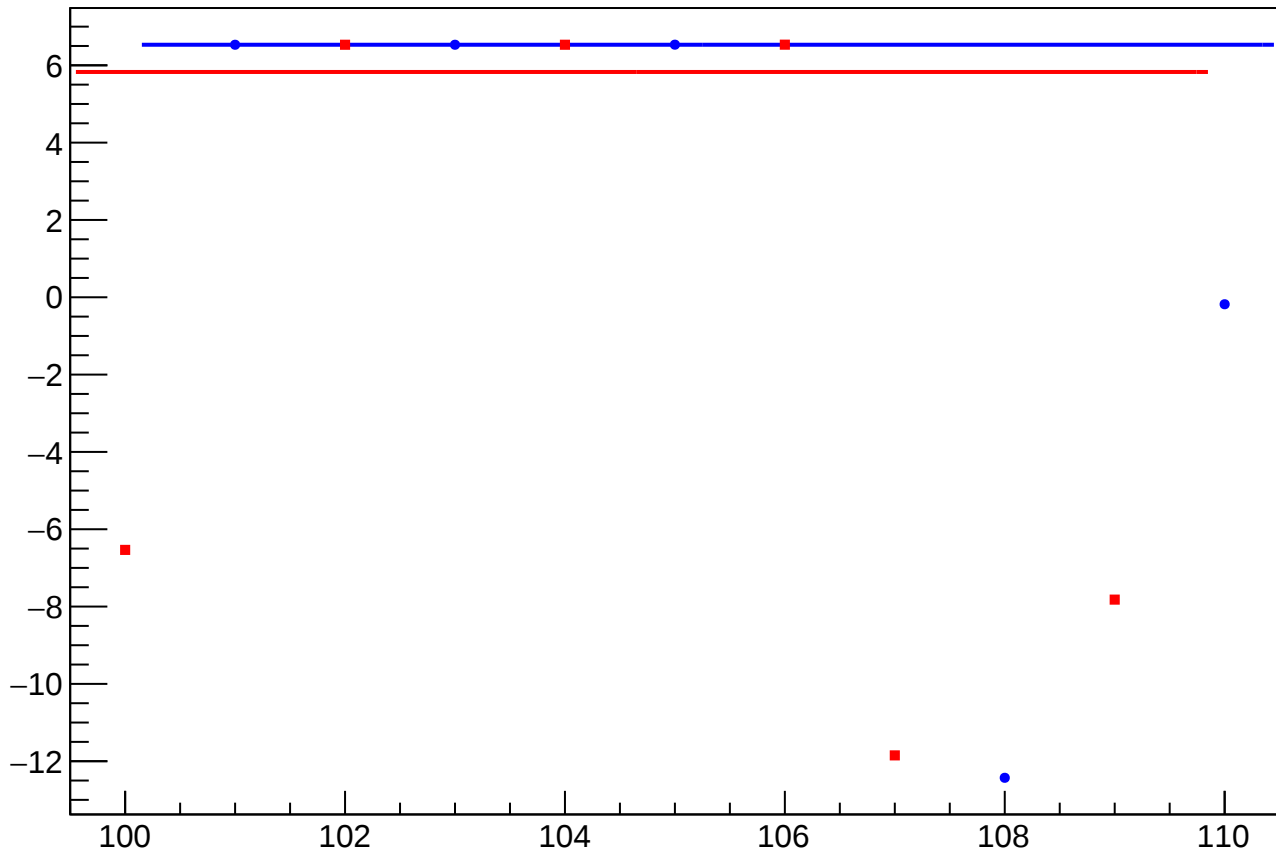
Right Out: 145.197+/-0.074 χ^2/NDF : 557681.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.108+/-0.083 χ^2/NDF : 551630.3/4

145.197+/-0.074 χ^2/NDF : 557681.5/5

yield_cav4bX_mean vs slug



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 16138070889.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

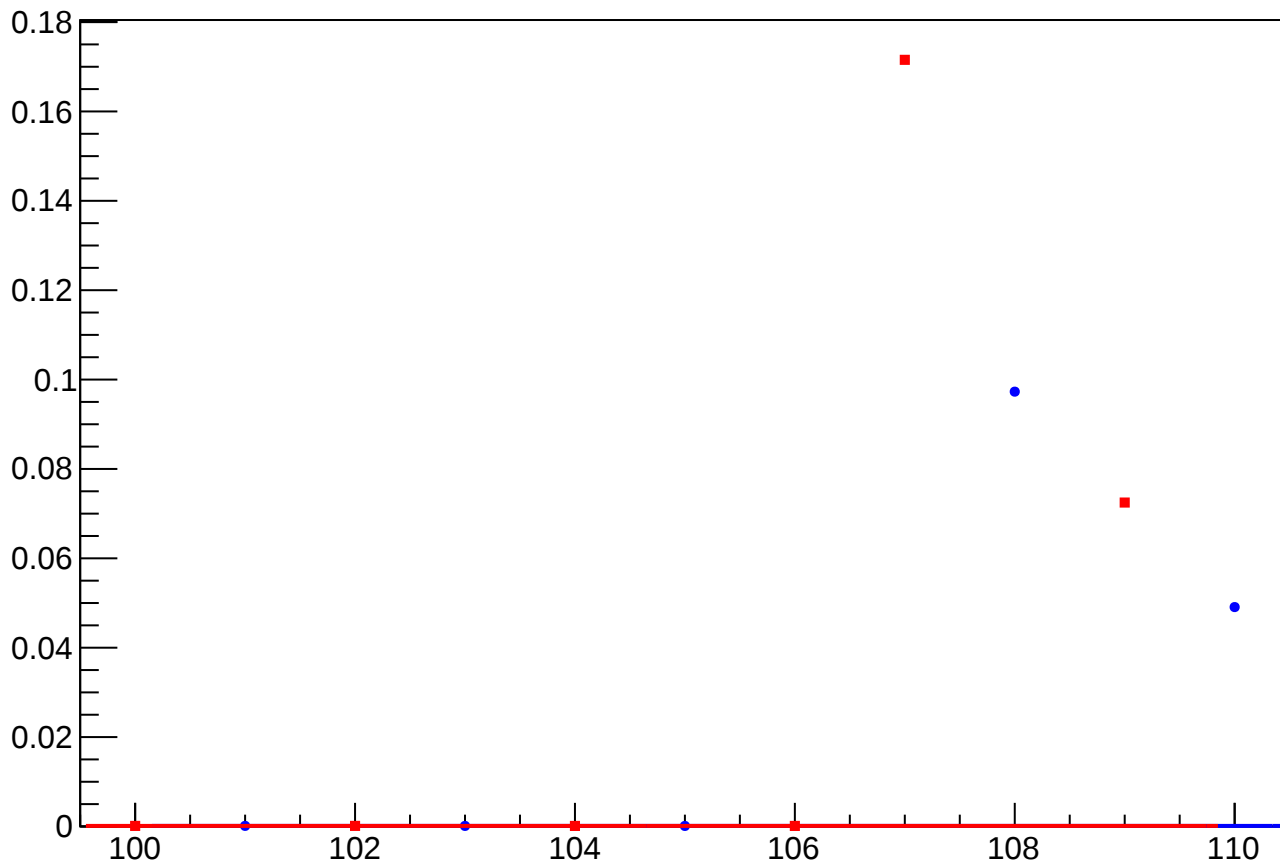
6.532 $\pm$ 0.000 χ^2 /NDF: 16138070889.1/4

Right Out: 5.828 $\pm$ 0.000 χ^2 /NDF: 755853217809925.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.828 $\pm$ 0.000 χ^2 /NDF: 755853217809925.2/5

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 1146945.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

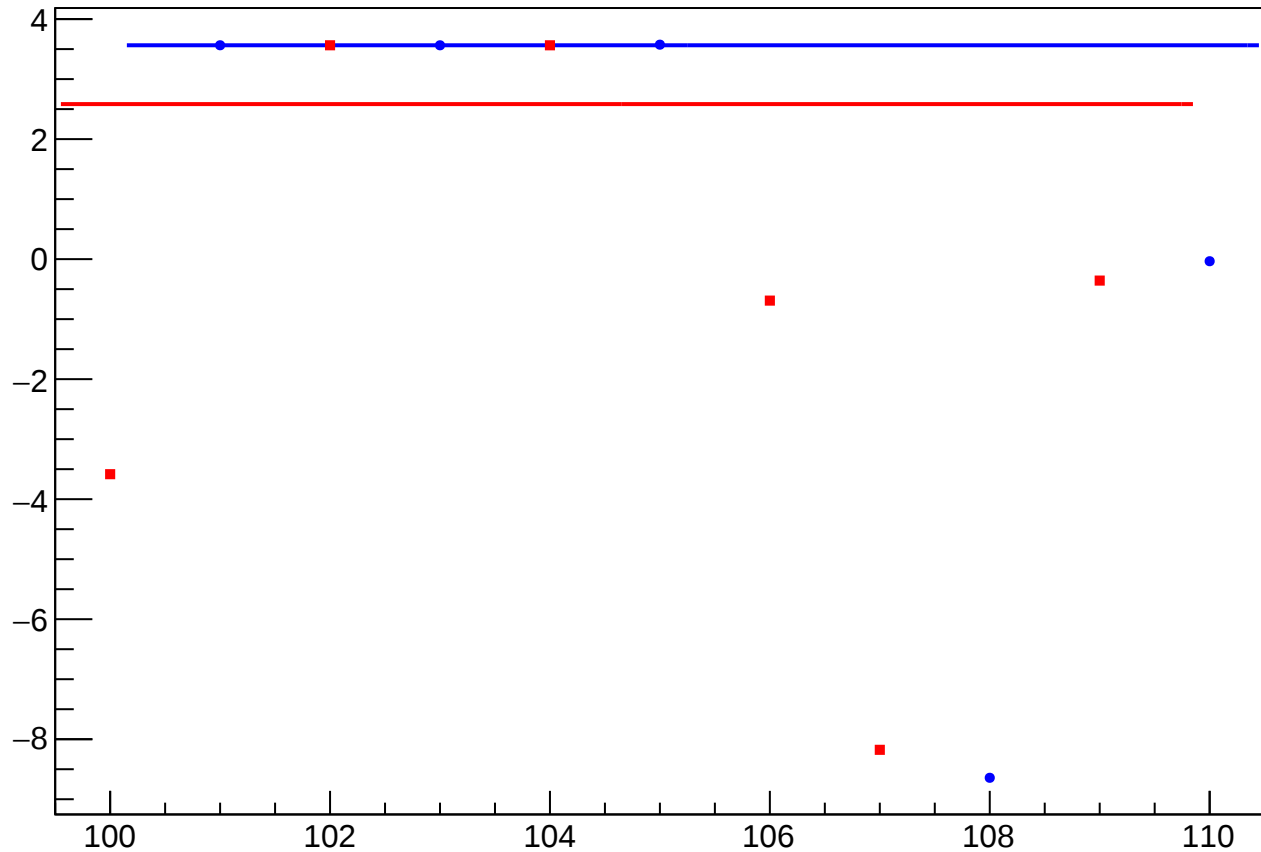
Right Out: 0.000+/-0.000 χ^2/NDF : 1138692.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 1146945.1/4

0.000+/-0.000 χ^2/NDF : 1138692.9/5

yield_cav4bY_mean vs slug



Right In: 3.564+/-0.000 χ^2/NDF : 11163389836.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

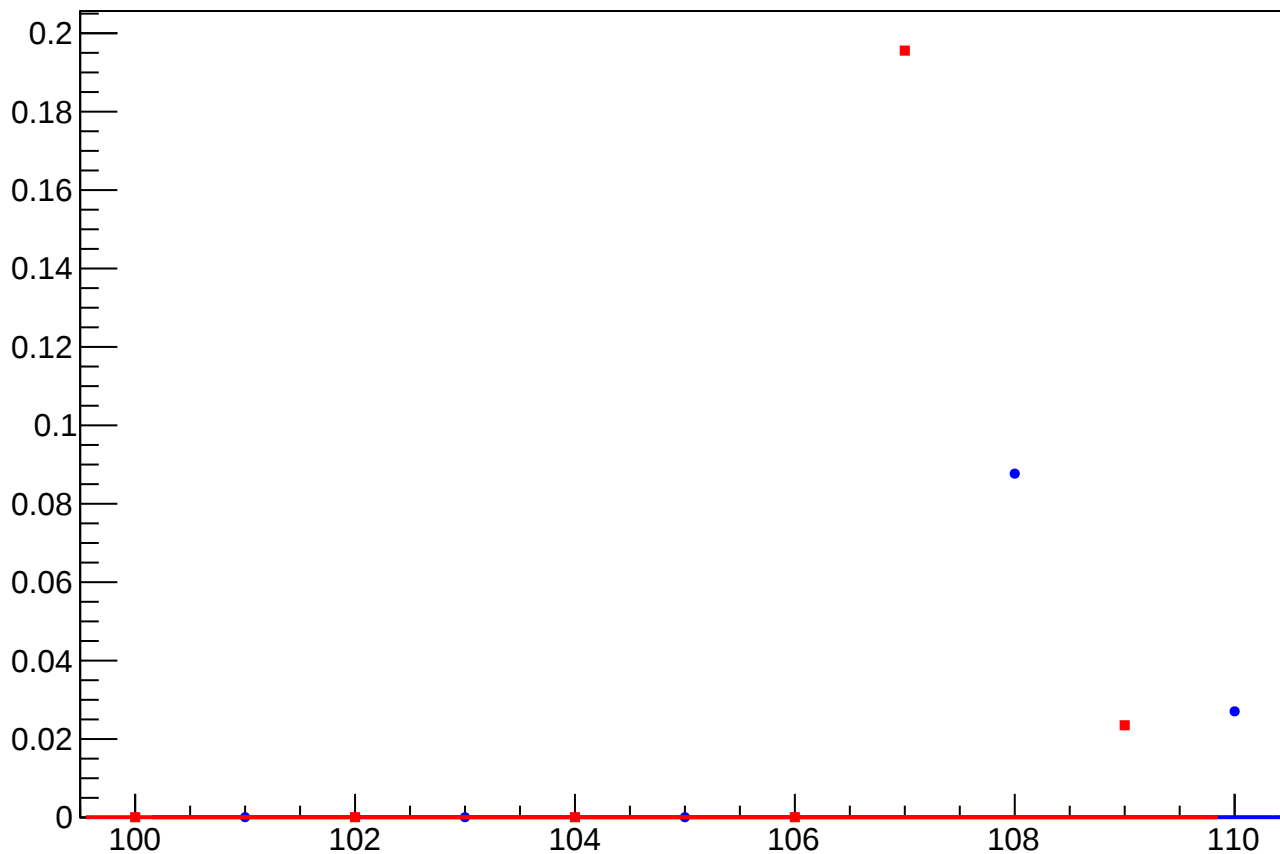
Right Out: 2.584+/-0.000 χ^2/NDF : 1253243433246358.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.564+/-0.000 χ^2/NDF : 11163389836.7/4

2.584+/-0.000 χ^2/NDF : 1253243433246358.0/5

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 1175765.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

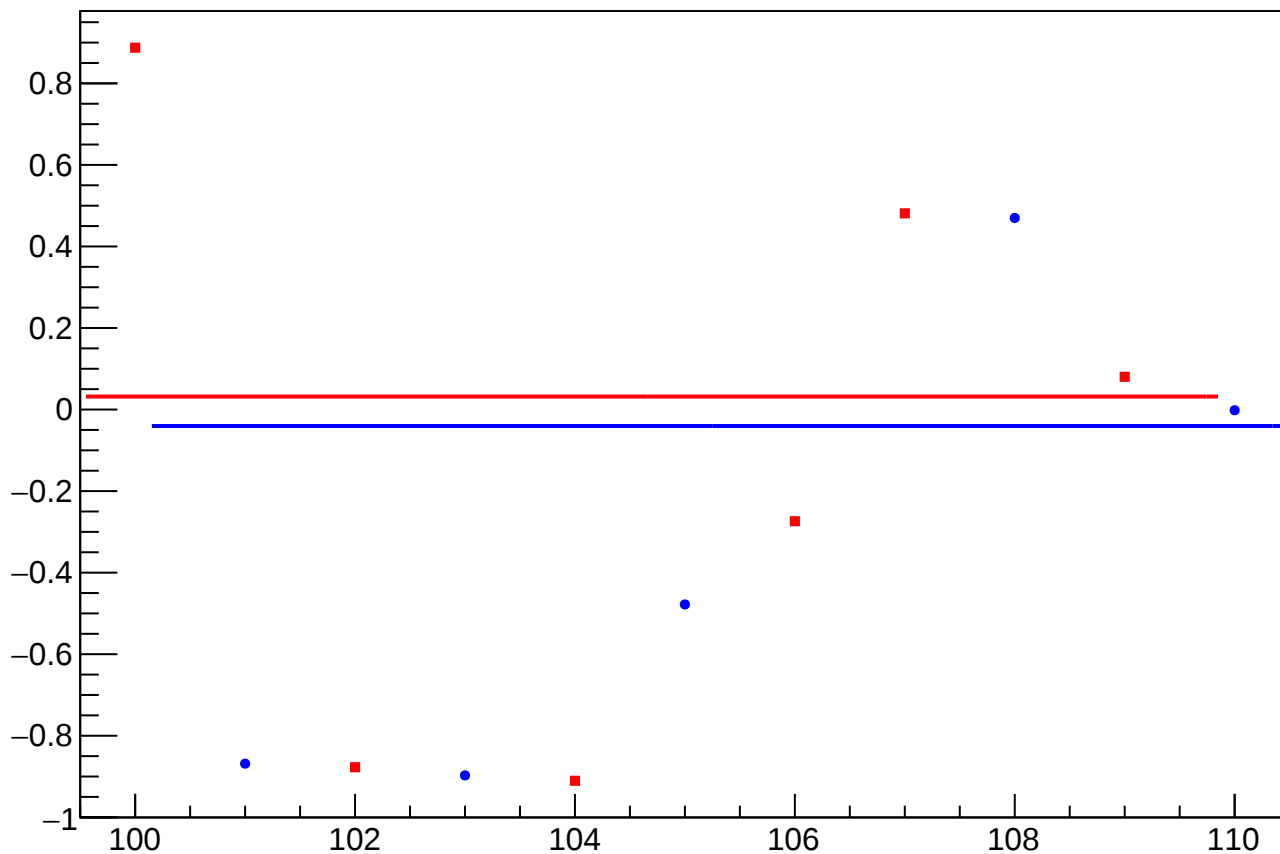
Right Out: 0.000+/-0.000 χ^2/NDF : 1010297.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 1175765.9/4

0.000+/-0.000 χ^2/NDF : 1010297.9/5

yield_cav4cX_mean vs slug



Right In: -0.040+/-0.000 χ^2/NDF : 9622987101.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

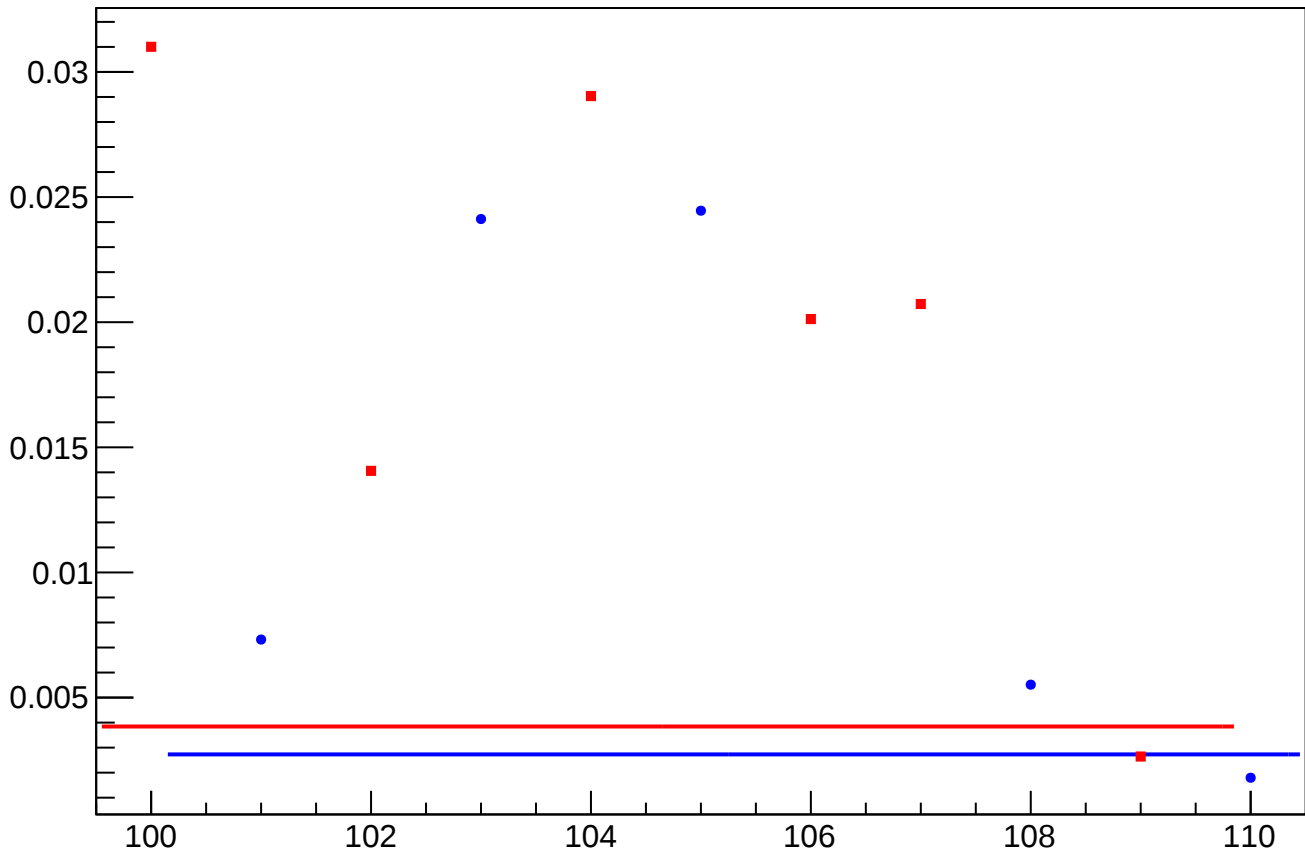
Right Out: 0.032+/-0.000 χ^2/NDF : 2983722970.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.040+/-0.000 χ^2/NDF : 9622987101.7/4

0.032+/-0.000 χ^2/NDF : 2983722970.5/5

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 1451136.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

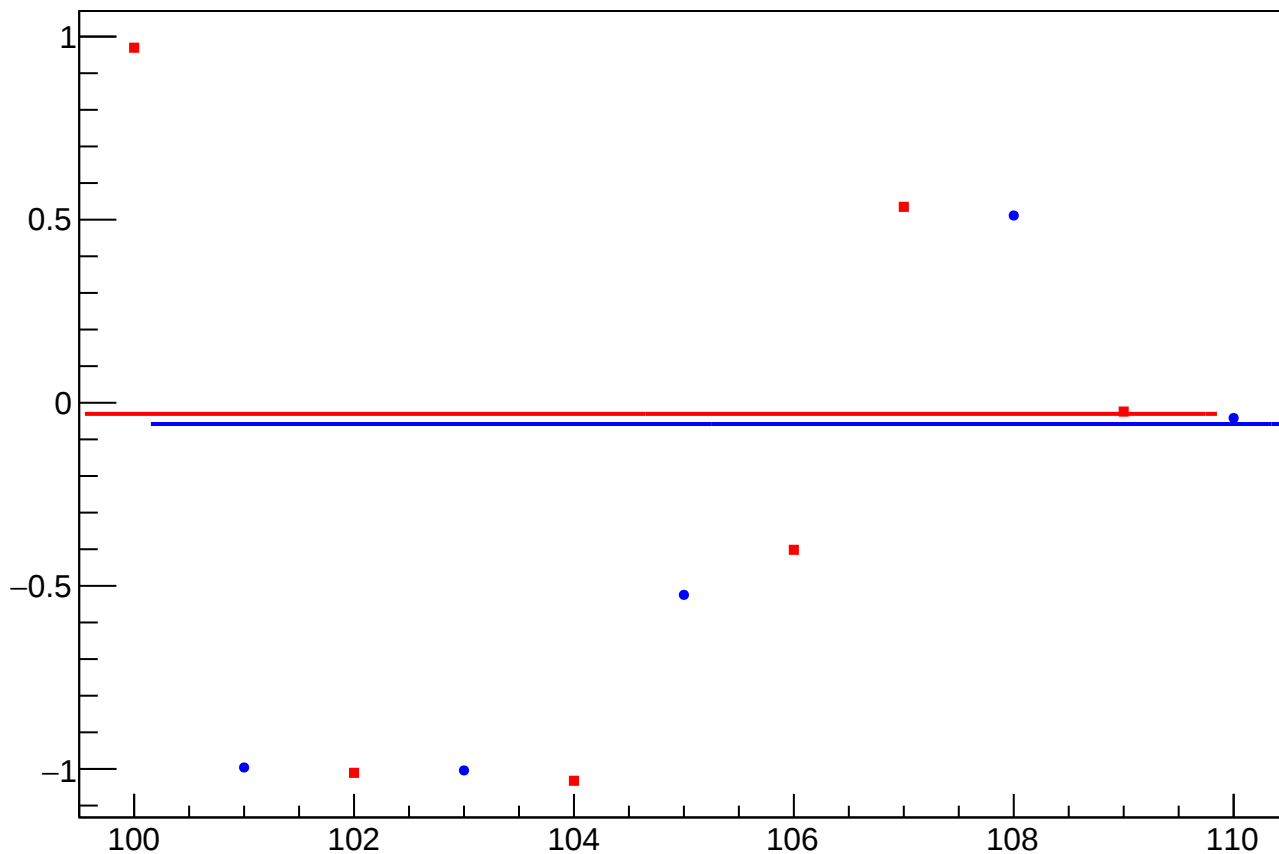
0.003+/-0.000 χ^2/NDF : 1451136.9/4

Right Out: 0.004+/-0.000 χ^2/NDF : 2196611.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 2196611.0/5

yield_cav4cY_mean vs slug



Right In: -0.058+/-0.000 χ^2/NDF : 3465286603.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

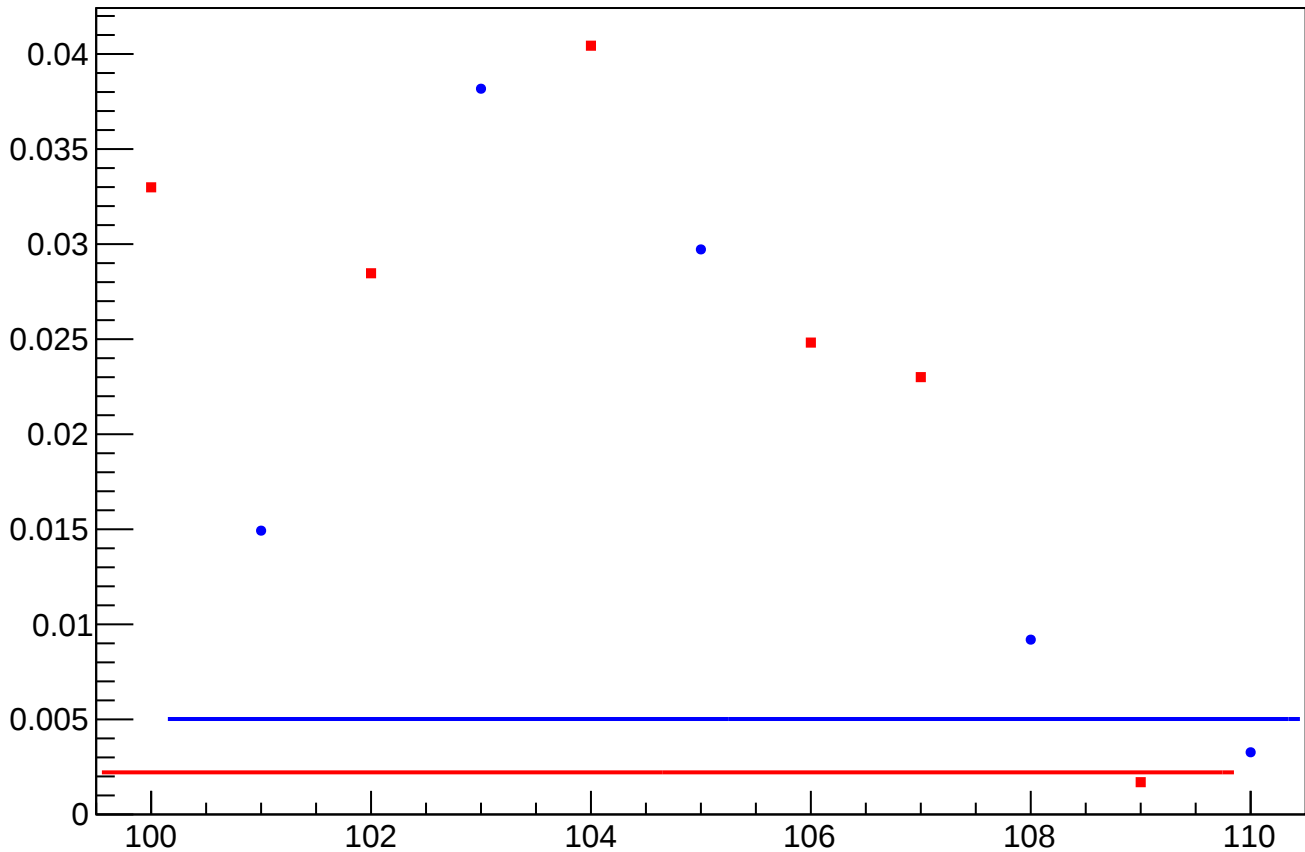
Right Out: -0.030+/-0.000 χ^2/NDF : 1187233837.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.058+/-0.000 χ^2/NDF : 3465286603.9/4

-0.030+/-0.000 χ^2/NDF : 1187233837.0/5

yield_cav4cY_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 1585997.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

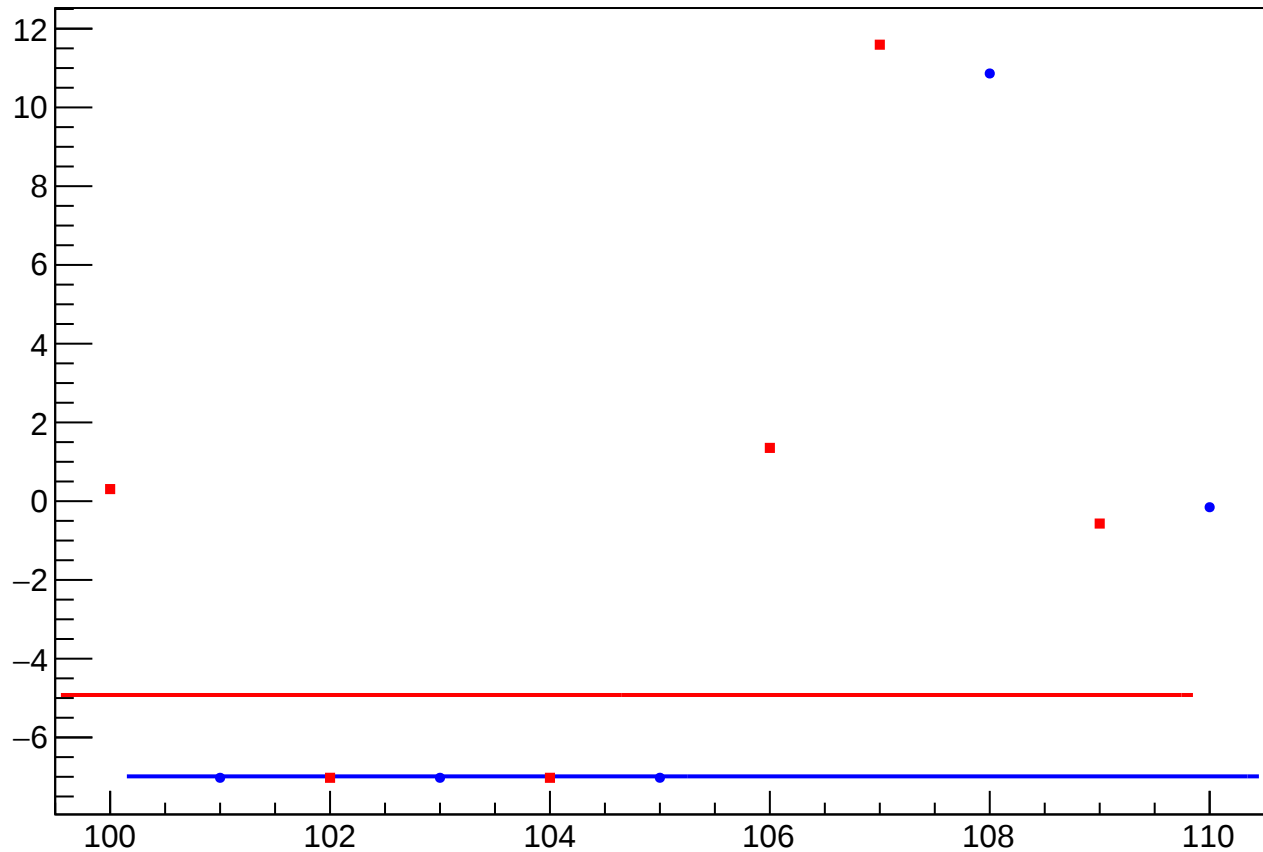
0.005+/-0.000 χ^2/NDF : 1585997.0/4

Right Out: 0.002+/-0.000 χ^2/NDF : 2763260.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2763260.9/5

yield_cav4dX_mean vs slug



Right In: -6.989+/-0.000 χ^2/NDF : 6374680952144.2/4

-6.989+/-0.000 χ^2/NDF : 6374680952144.2/4

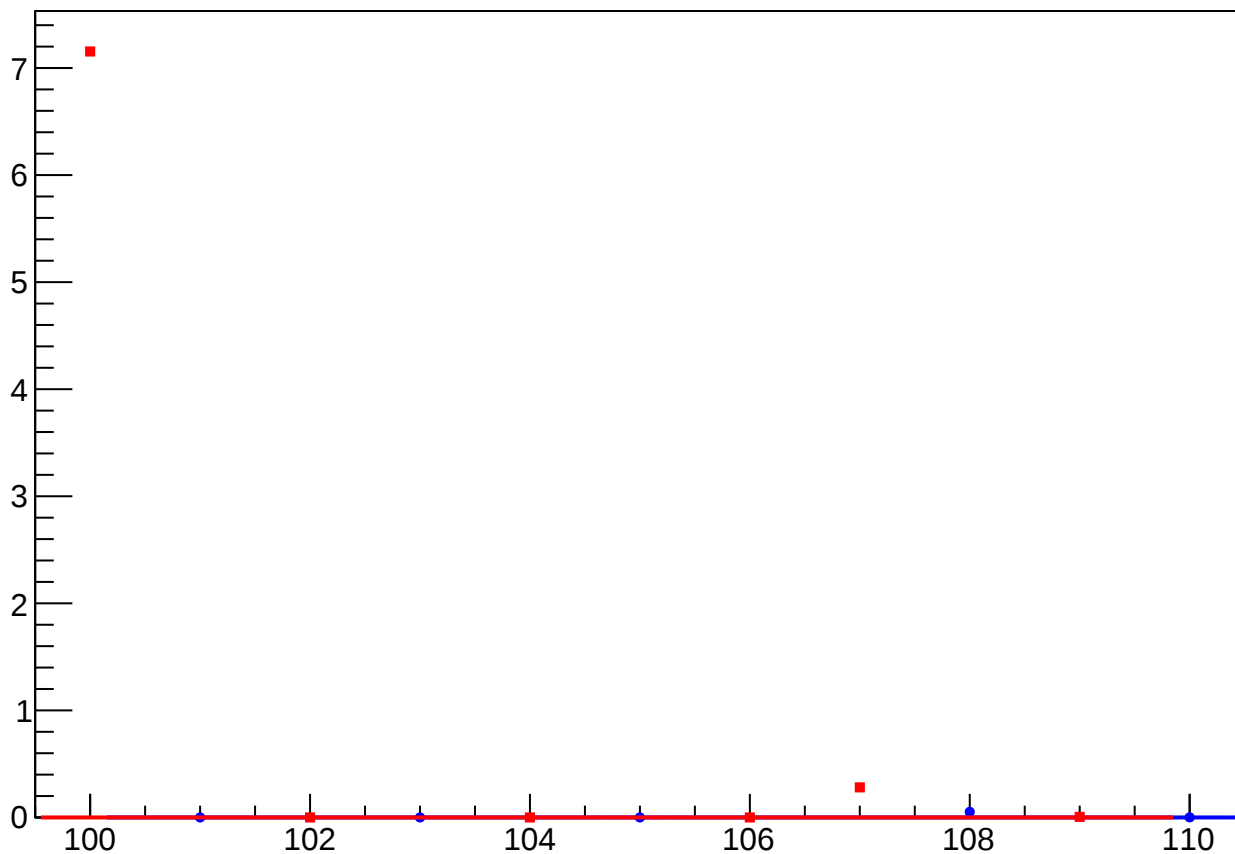
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.922+/-0.000 χ^2/NDF : 364216115628089.3/5

-4.922+/-0.000 χ^2/NDF : 364216115628089.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 778531.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

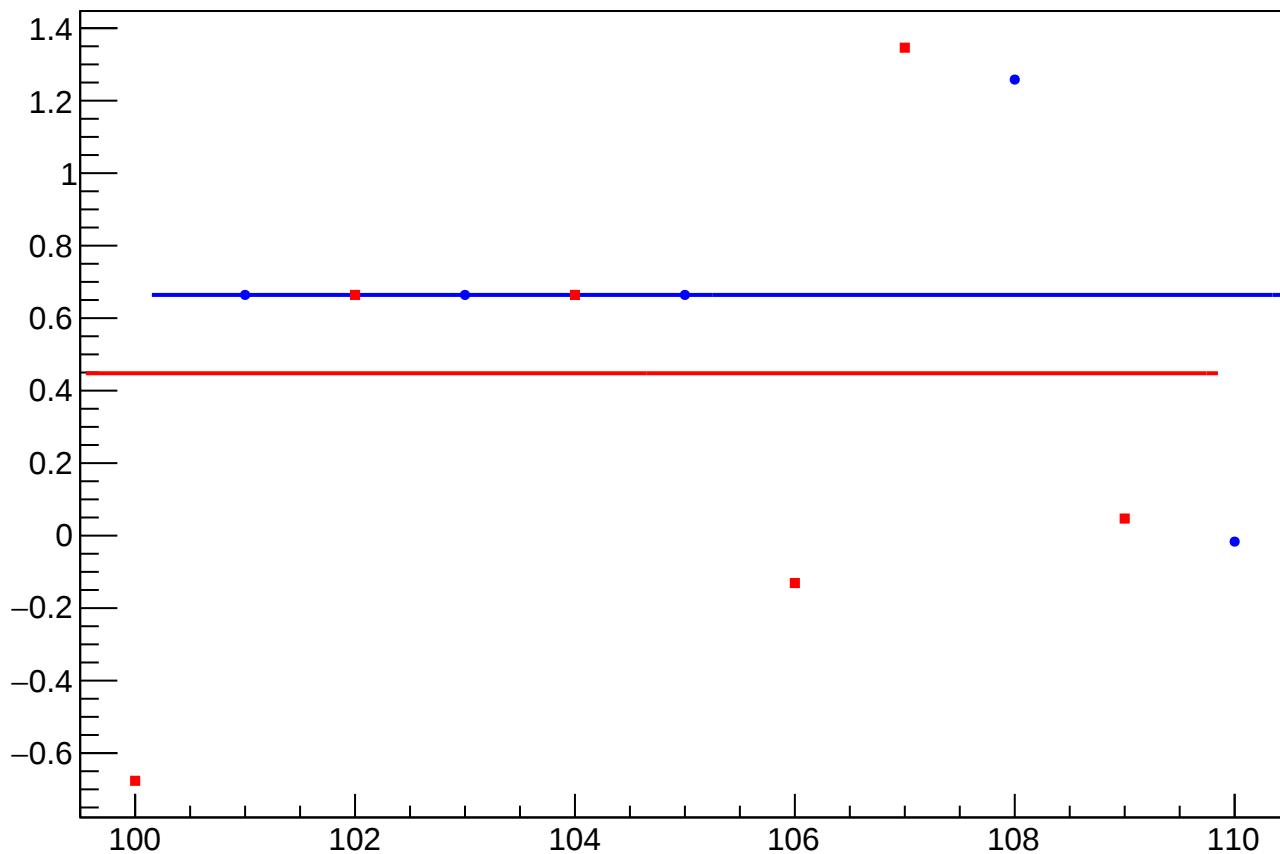
Right Out: 0.000+/-0.000 χ^2/NDF : 1055118.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 778531.9/4

0.000+/-0.000 χ^2/NDF : 1055118.1/5

yield_cav4dY_mean vs slug



Right In: 0.664+/-0.000 χ^2/NDF : 34494053820.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

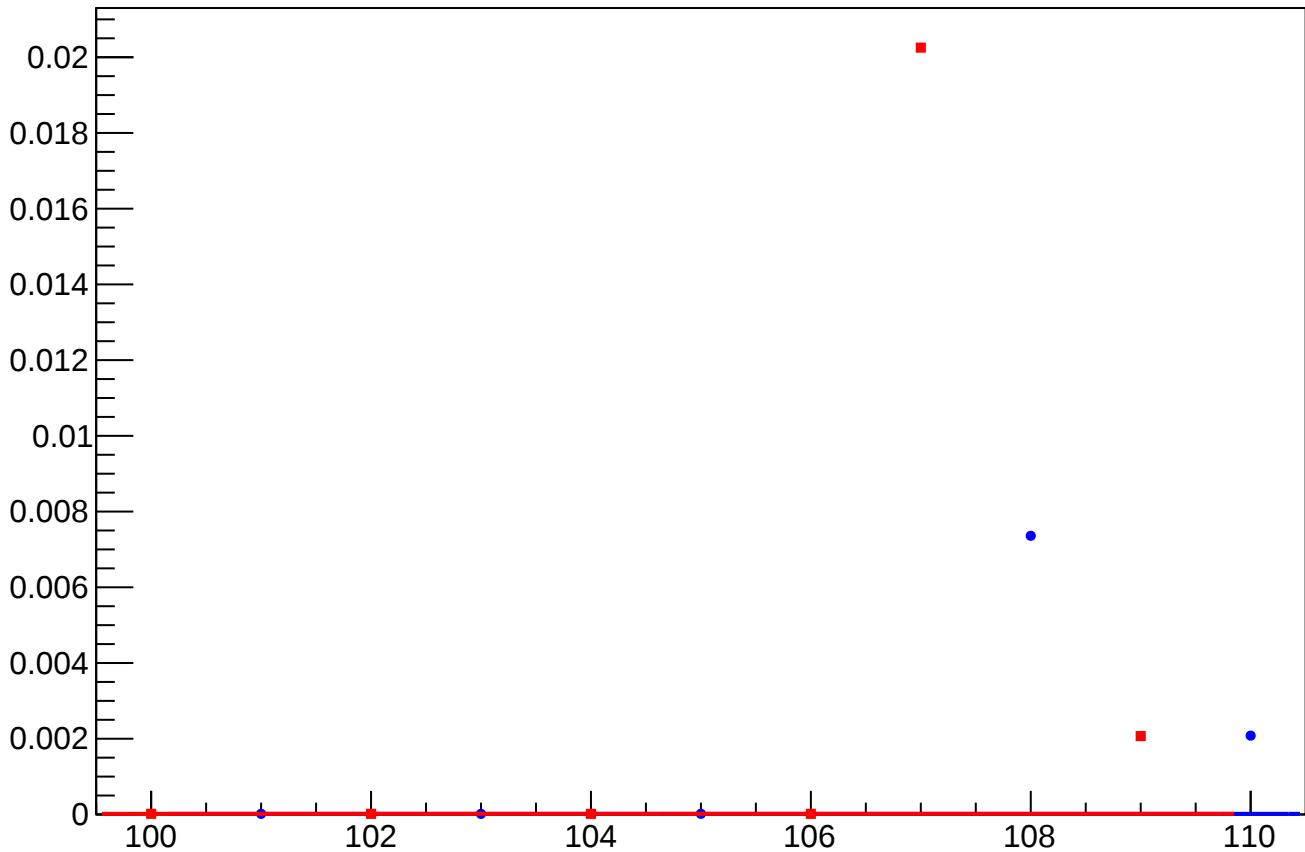
Right Out: 0.448+/-0.000 χ^2/NDF : 402873100292761.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.664+/-0.000 χ^2/NDF : 34494053820.3/4

0.448+/-0.000 χ^2/NDF : 402873100292761.1/5

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 1233234.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

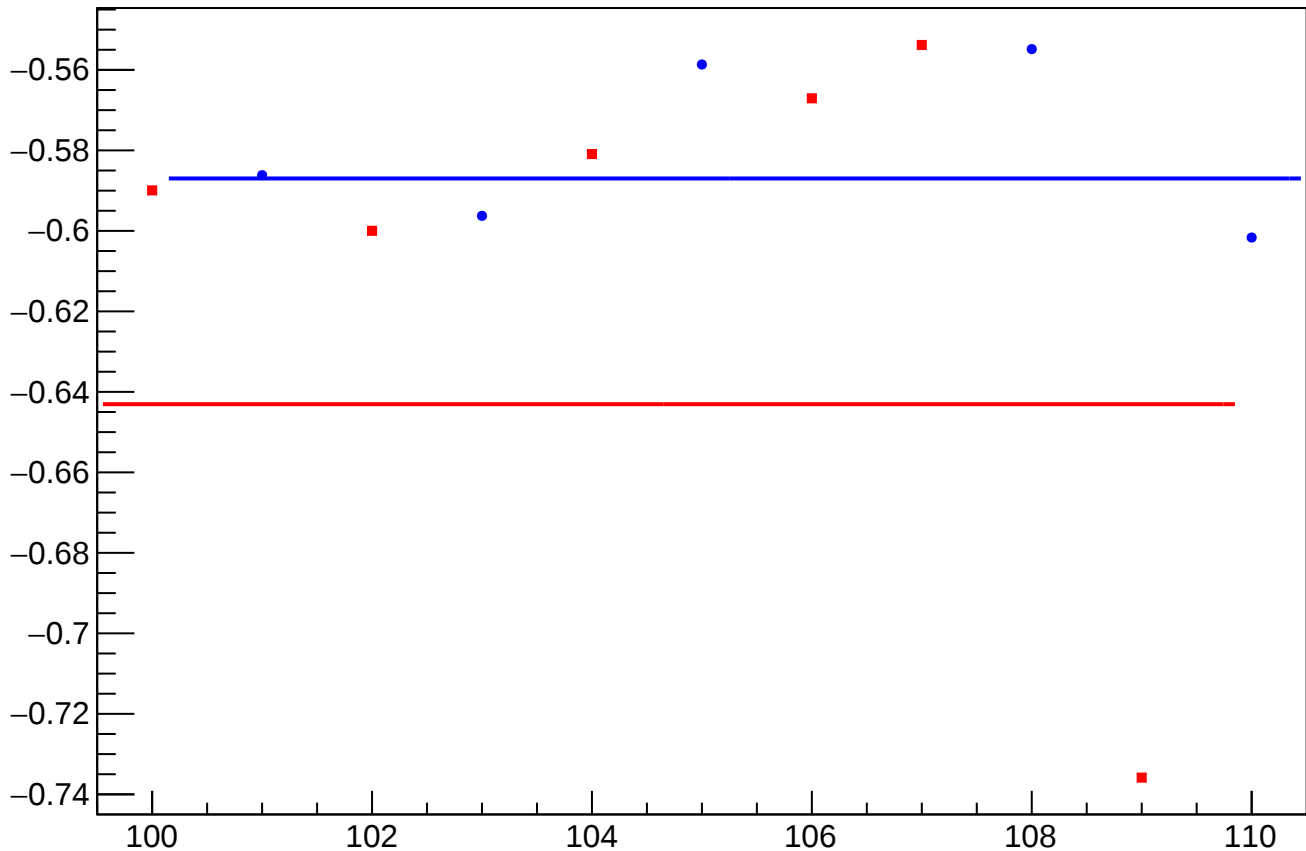
Right Out: 0.000+/-0.000 χ^2/NDF : 730003.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 1233234.1/4

0.000+/-0.000 χ^2/NDF : 730003.1/5

yield_bpm4aX_mean vs slug



Right In: -0.587+/-0.000 χ^2/NDF : 371050.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

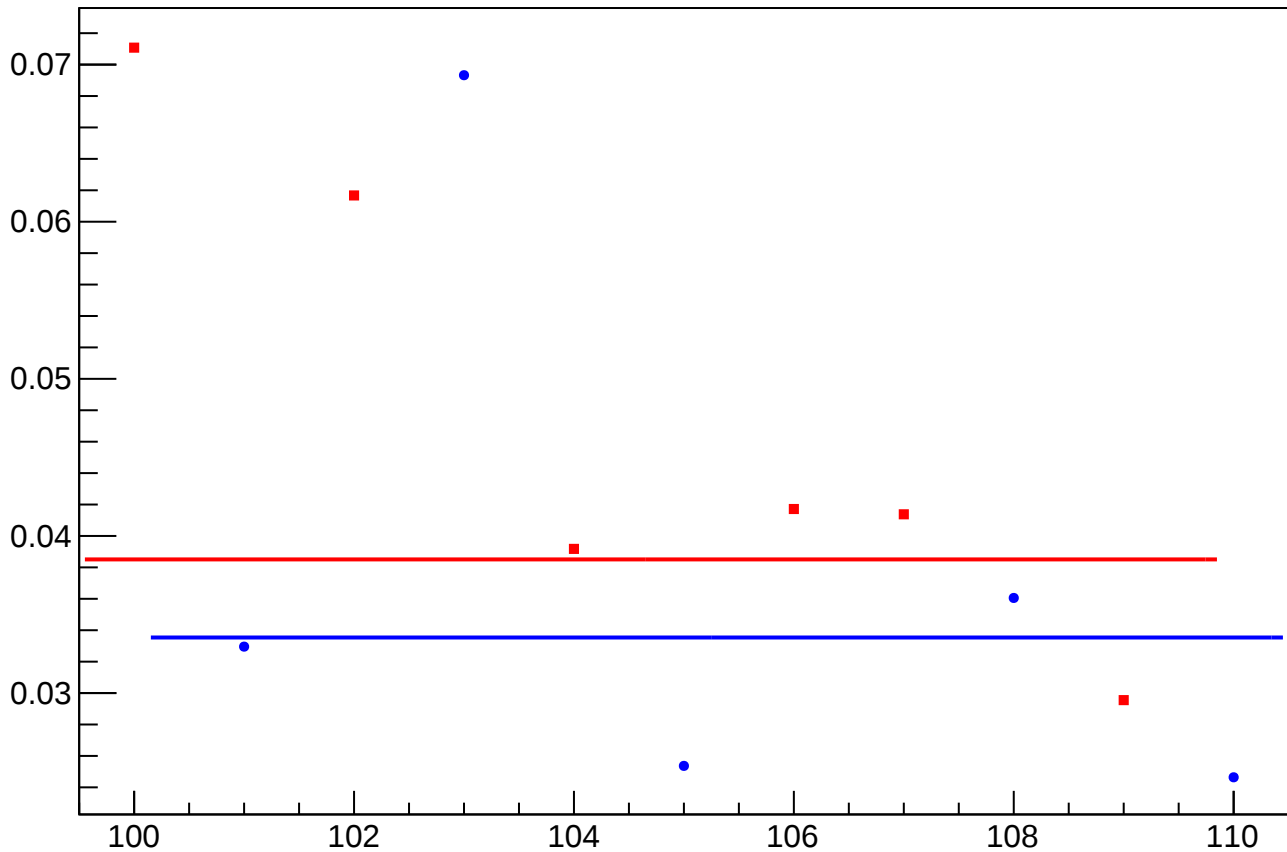
-0.587+/-0.000 χ^2/NDF : 371050.9/4

Right Out: -0.643+/-0.000 χ^2/NDF : 7662082.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.643+/-0.000 χ^2/NDF : 7662082.0/5

yield_bpm4aX_rms vs slug



Right In: 0.034+/-0.000 χ^2/NDF : 383265.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

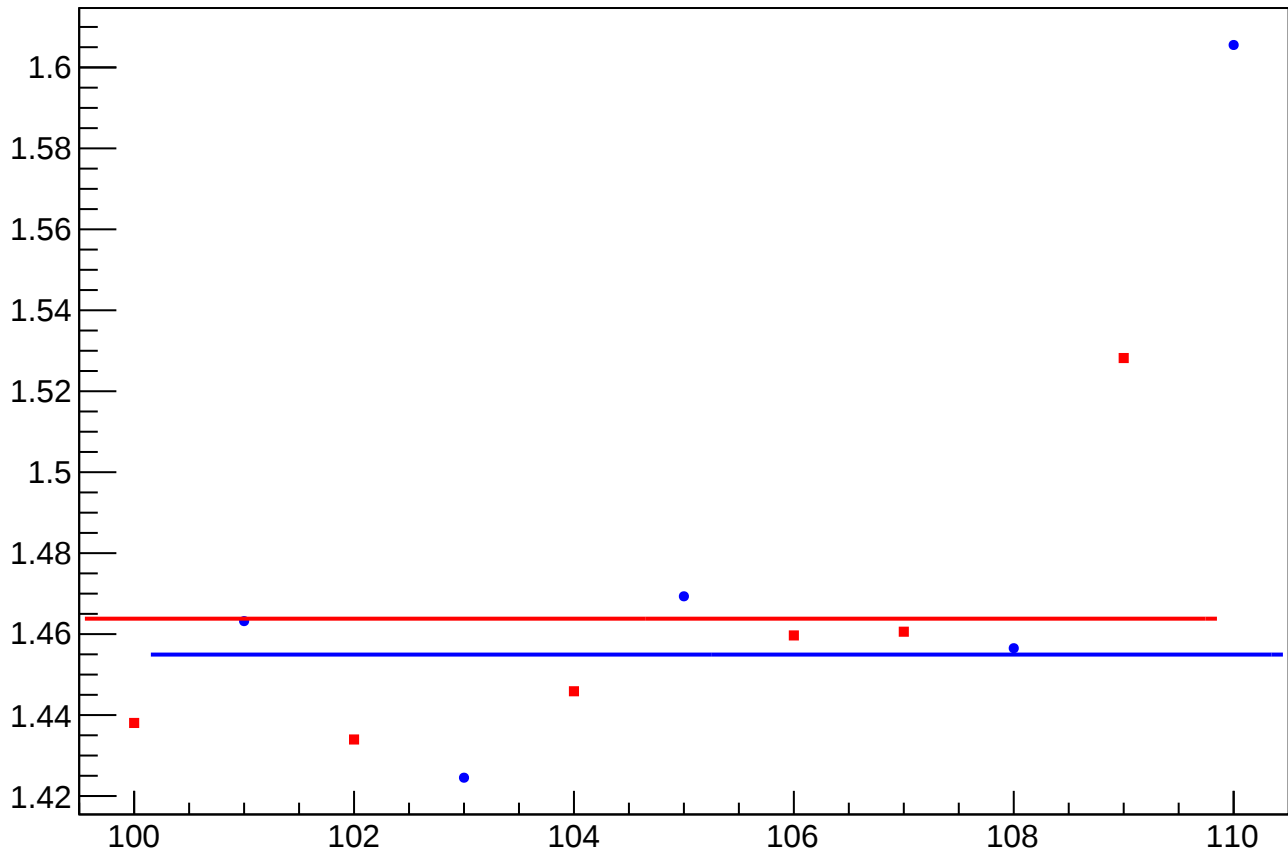
Right Out: 0.039+/-0.000 χ^2/NDF : 254862.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.034+/-0.000 χ^2/NDF : 383265.5/4

0.039+/-0.000 χ^2/NDF : 254862.6/5

yield_bpm4aY_mean vs slug



Right In: 1.455+/-0.000 χ^2/NDF : 5656483.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

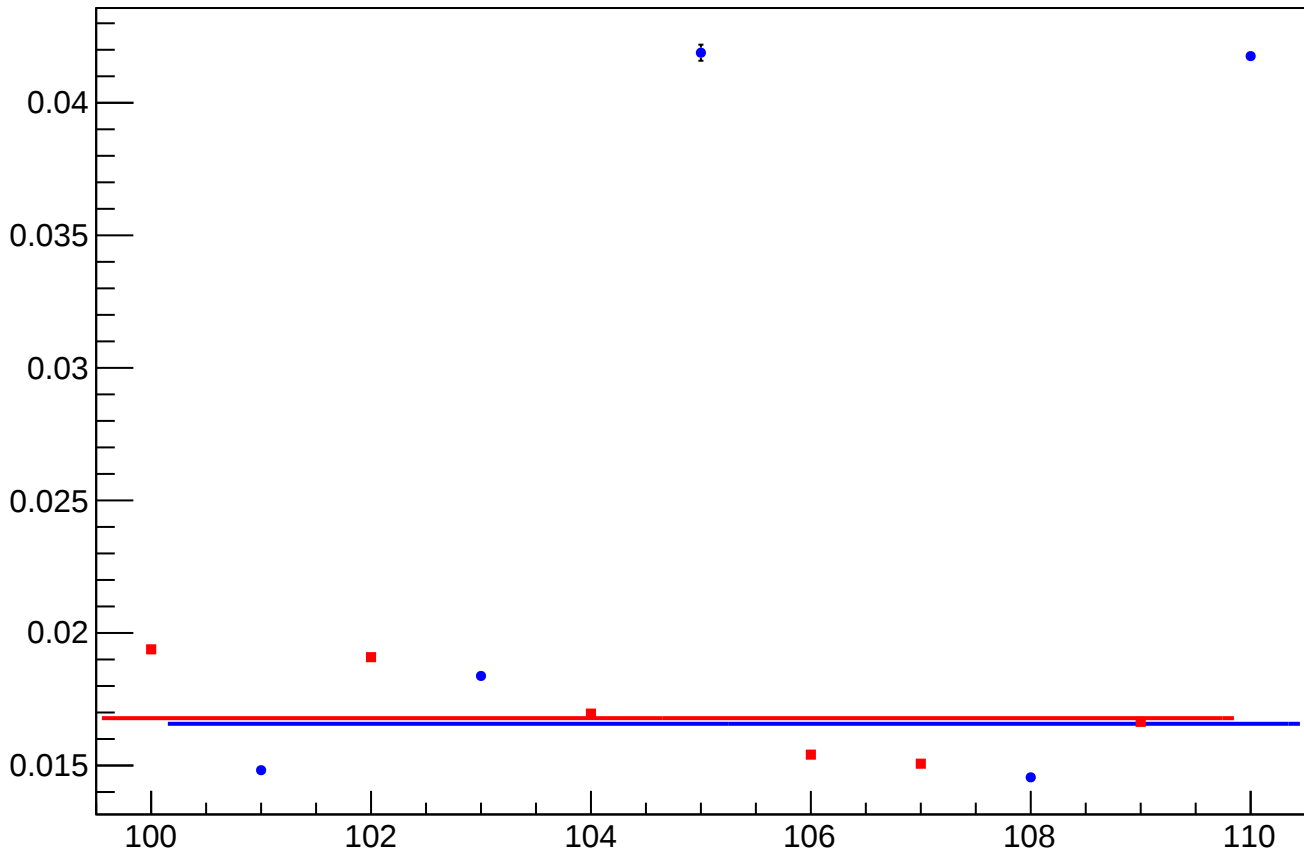
1.455+/-0.000 χ^2/NDF : 5656483.7/4

Right Out: 1.464+/-0.000 χ^2/NDF : 7353135.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.464+/-0.000 χ^2/NDF : 7353135.9/5

yield_bpm4aY_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 268164.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

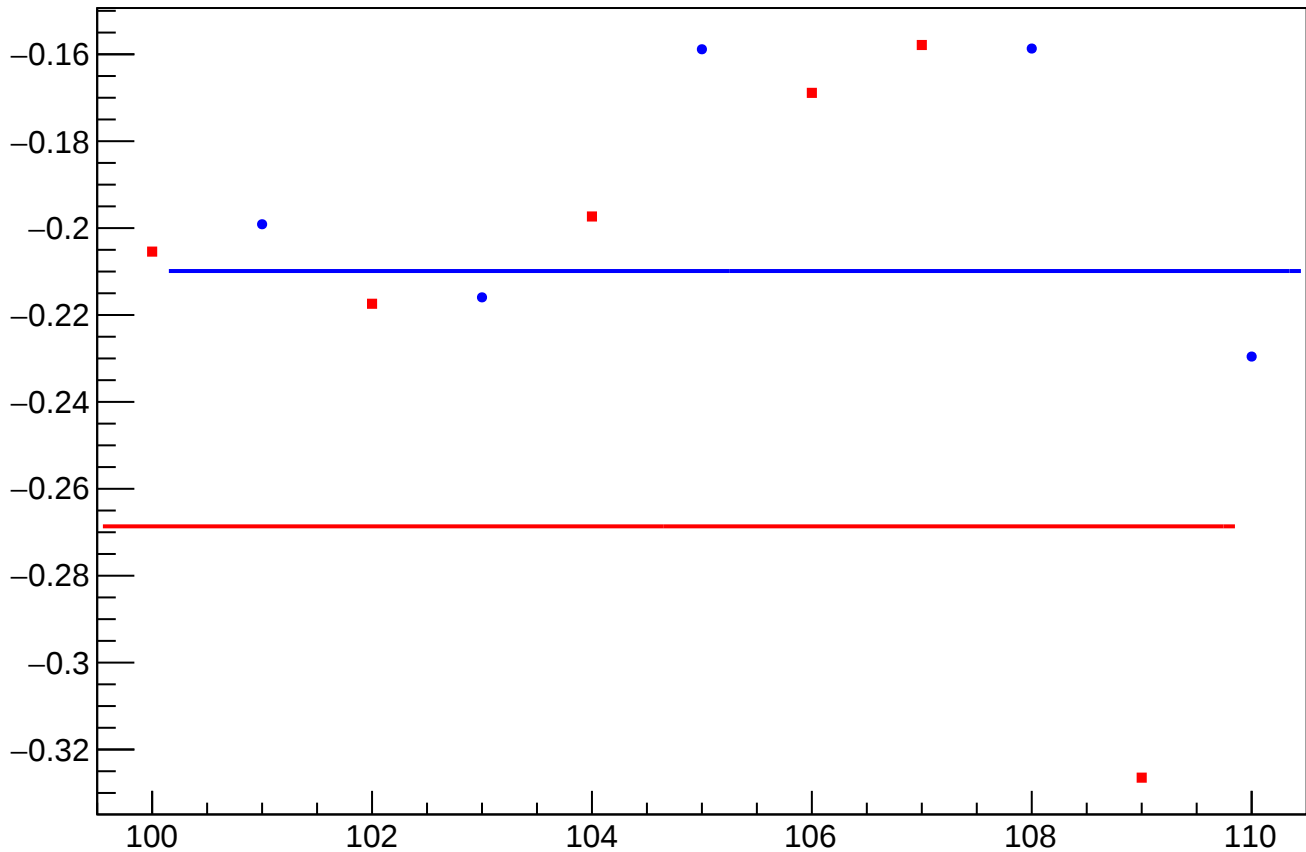
Right Out: 0.017+/-0.000 χ^2/NDF : 29589.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 268164.7/4

0.017+/-0.000 χ^2/NDF : 29589.1/5

yield_bpm4eX_mean vs slug



Right In: -0.210+/-0.000 χ^2/NDF : 1037382.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

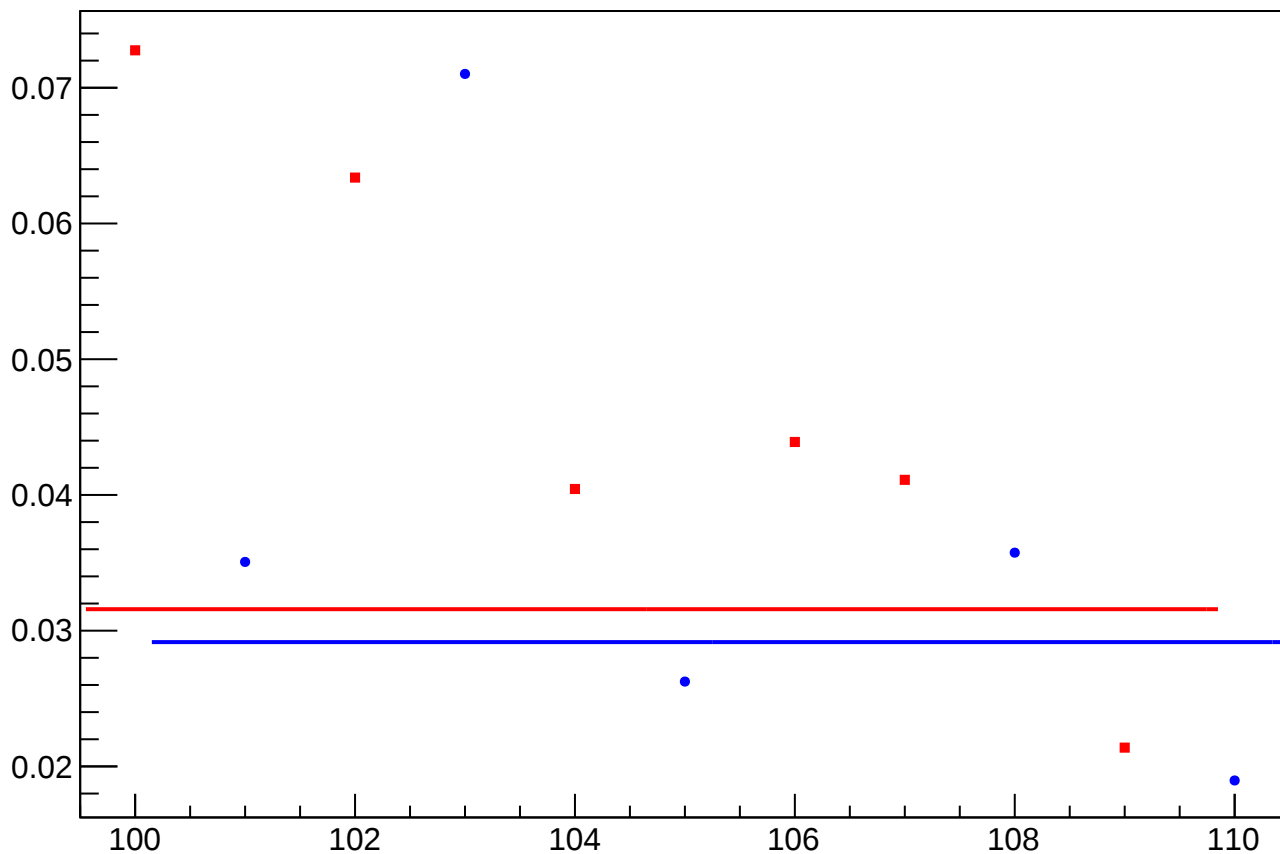
-0.210+/-0.000 χ^2/NDF : 1037382.2/4

Right Out: -0.269+/-0.000 χ^2/NDF : 7969255.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.269+/-0.000 χ^2/NDF : 7969255.6/5

yield_bpm4eX_rms vs slug



Right In: 0.029+/-0.000 χ^2/NDF : 614685.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

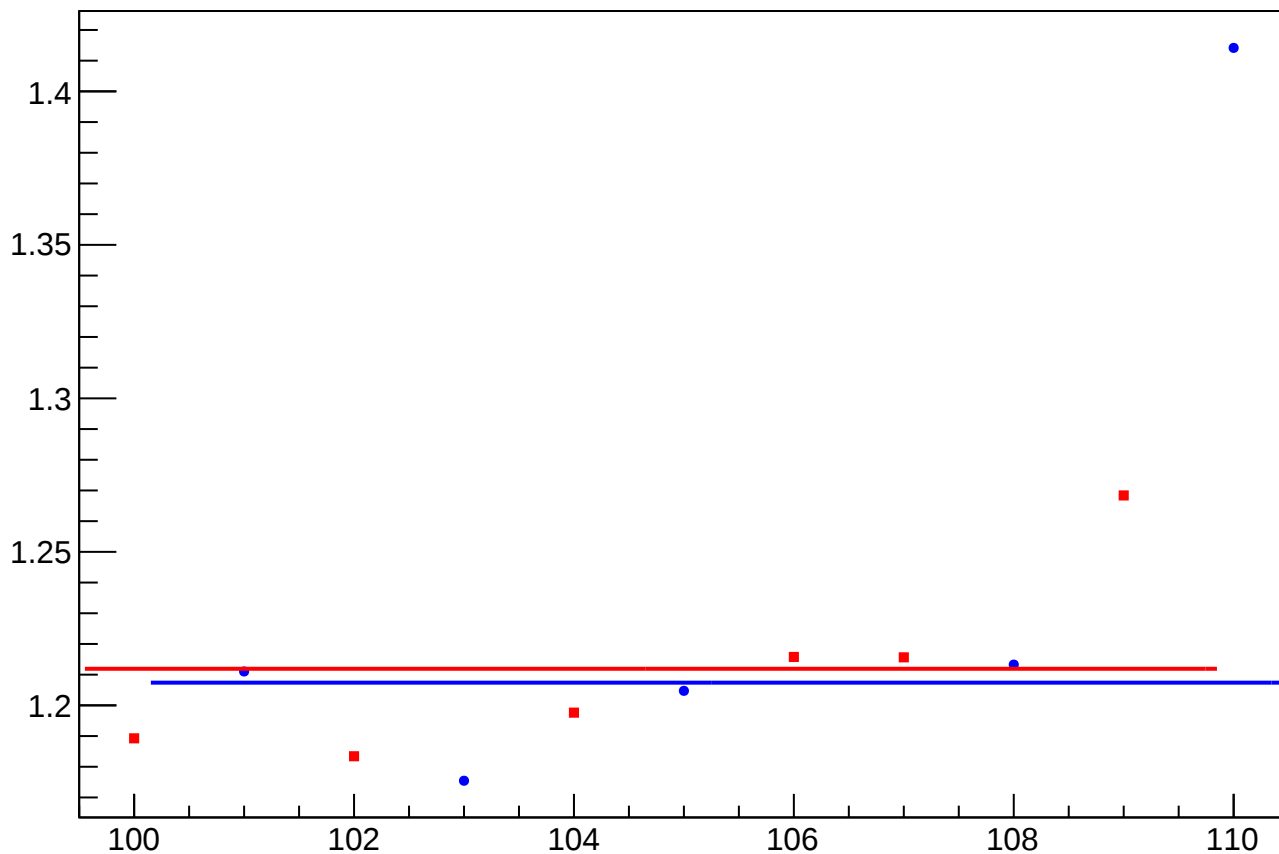
Right Out: 0.032+/-0.000 χ^2/NDF : 592525.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 614685.8/4

0.032+/-0.000 χ^2/NDF : 592525.7/5

yield_bpm4eY_mean vs slug



Right In: 1.207+/-0.000 χ^2/NDF : 10458489.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

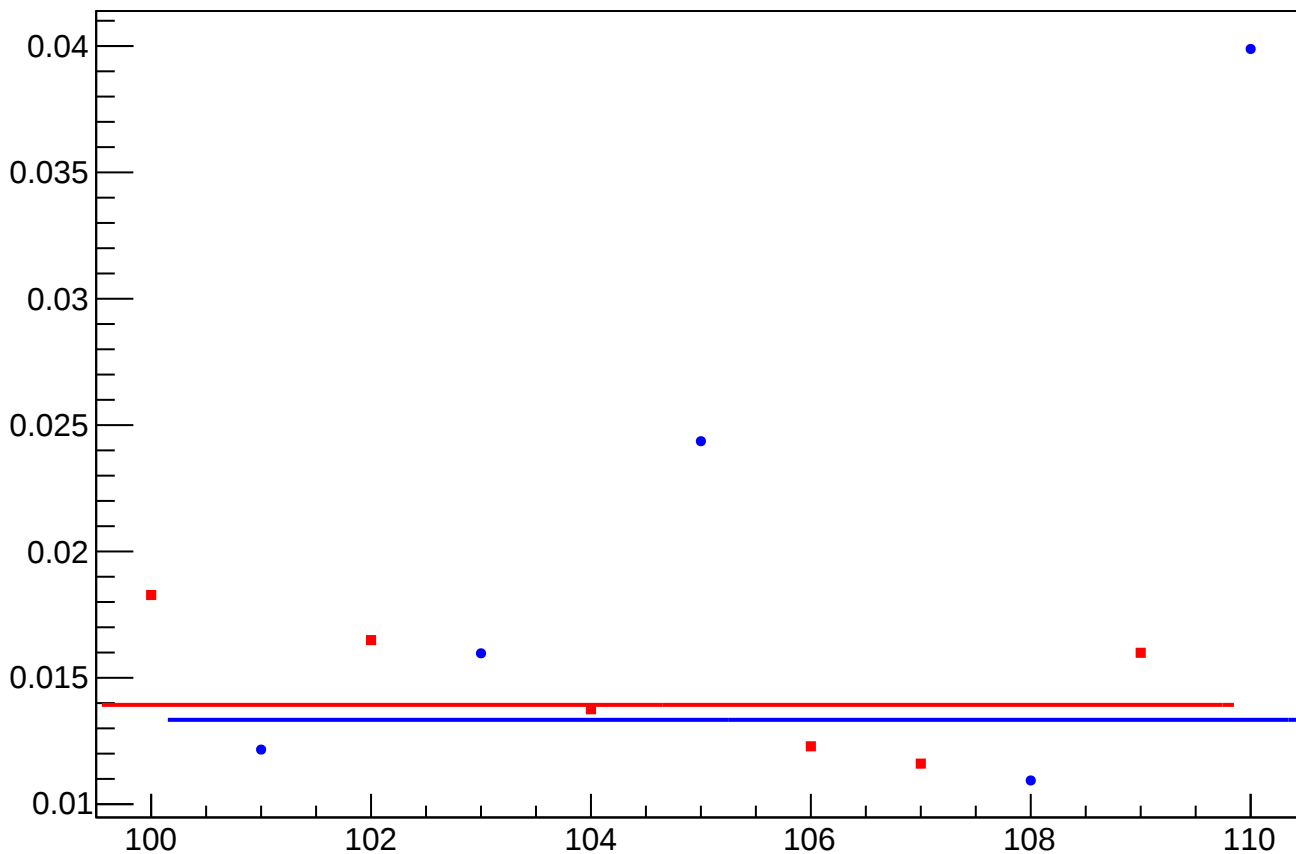
Right Out: 1.212+/-0.000 χ^2/NDF : 6553123.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.207+/-0.000 χ^2/NDF : 10458489.6/4

1.212+/-0.000 χ^2/NDF : 6553123.9/5

yield_bpm4eY_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 343445.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

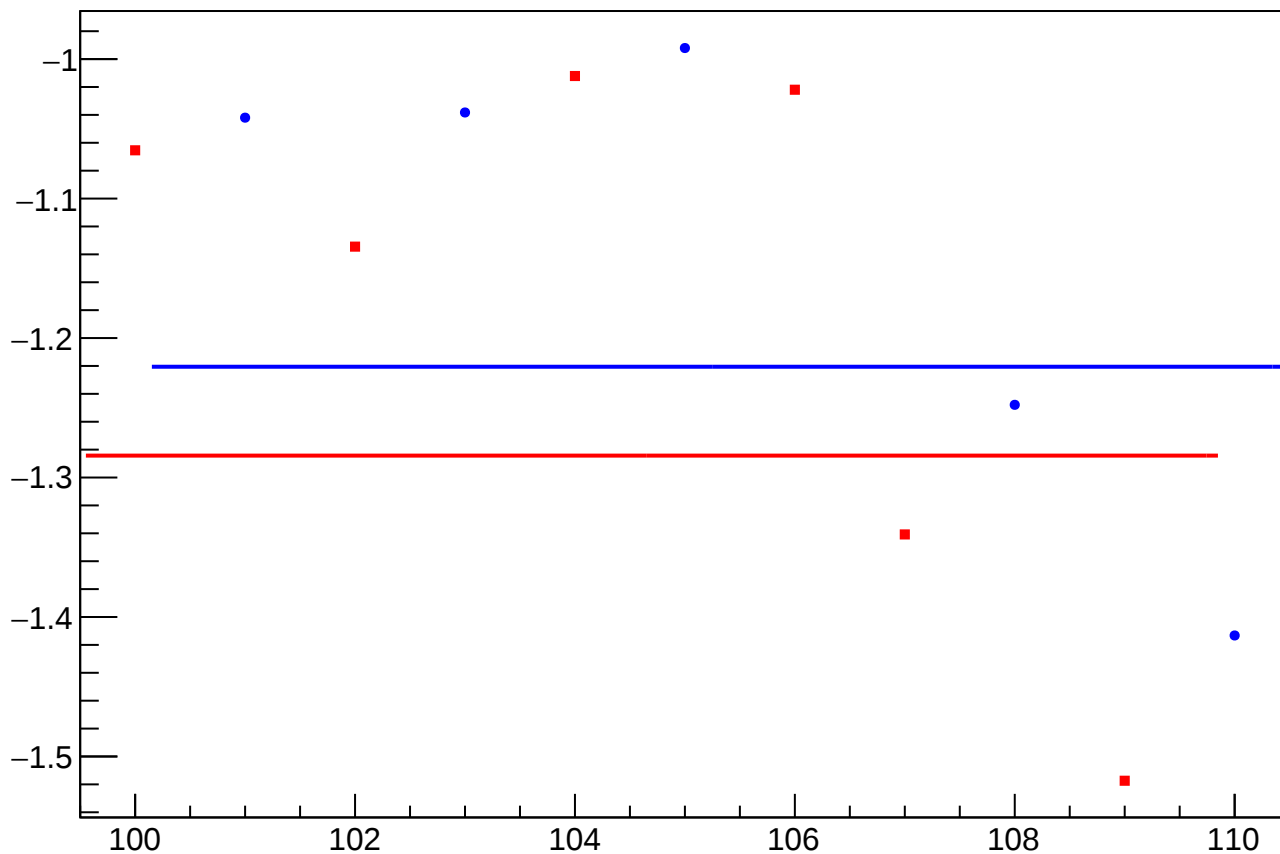
Right Out: 0.014+/-0.000 χ^2/NDF : 78233.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 343445.5/4

0.014+/-0.000 χ^2/NDF : 78233.8/5

yield_bpm4acX_mean vs slug



Right In: -1.221+/-0.000 χ^2/NDF : 38408383.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

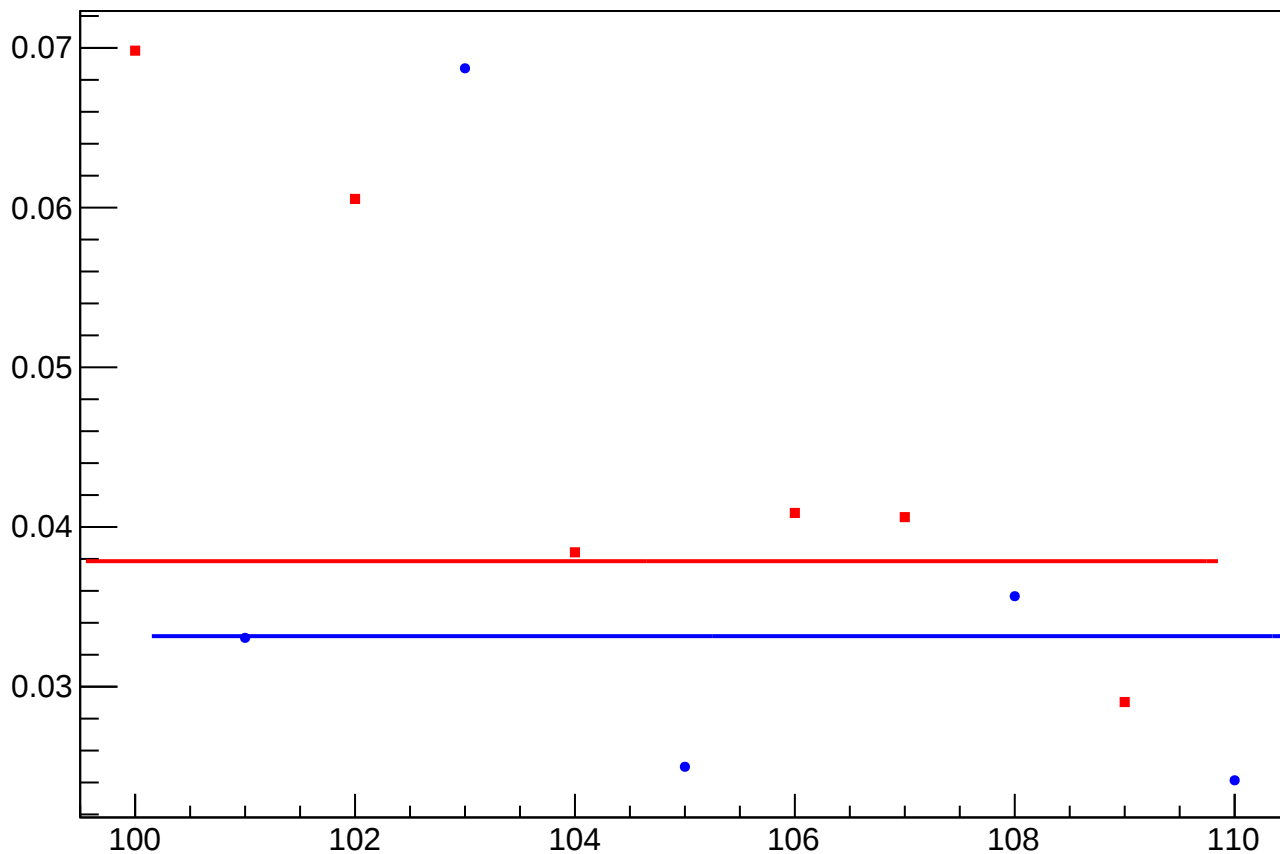
Right Out: -1.284+/-0.000 χ^2/NDF : 60782835.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.221+/-0.000 χ^2/NDF : 38408383.2/4

-1.284+/-0.000 χ^2/NDF : 60782835.3/5

yield_bpm4acX_rms vs slug



Right In: 0.033+/-0.000 χ^2/NDF : 389219.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

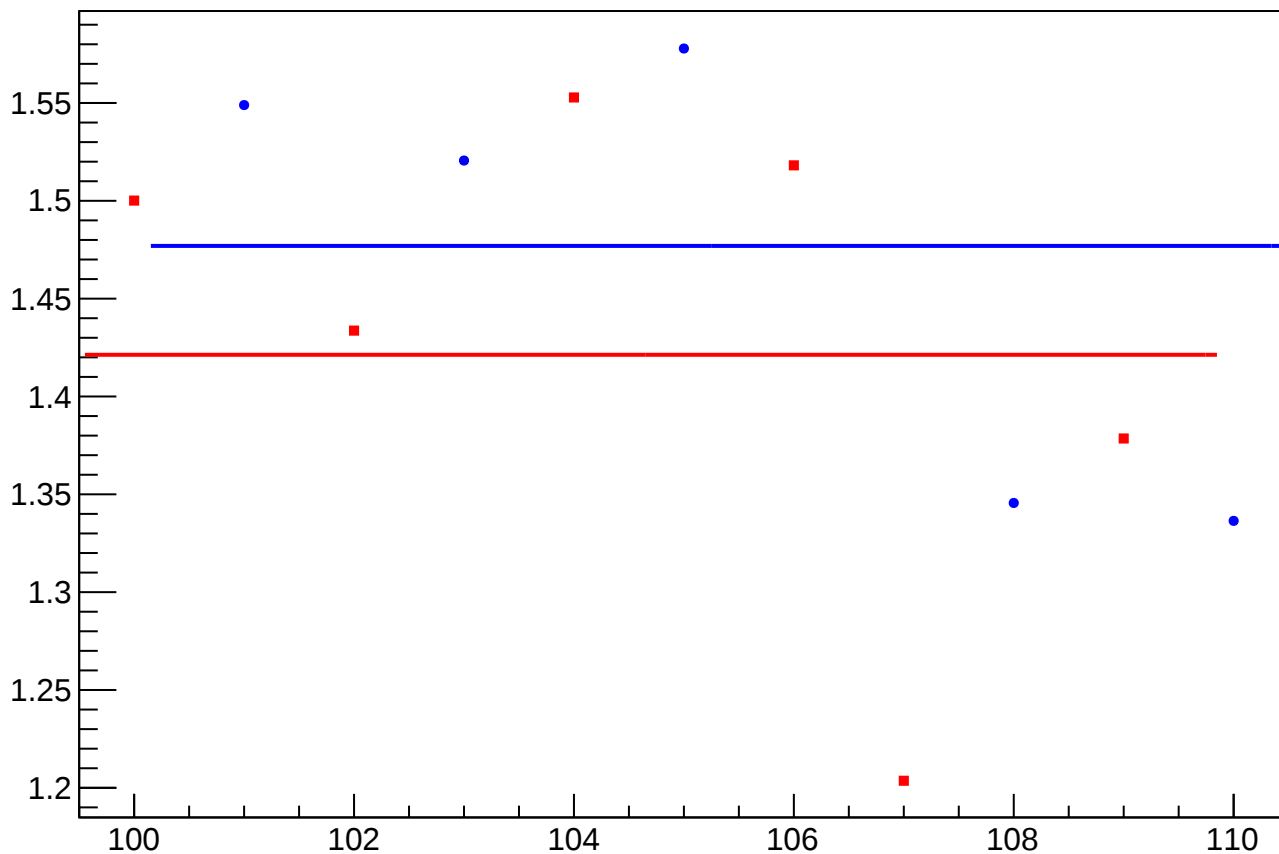
Right Out: 0.038+/-0.000 χ^2/NDF : 252861.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 389219.3/4

0.038+/-0.000 χ^2/NDF : 252861.3/5

yield_bpm4acY_mean vs slug



Right In: 1.477+/-0.000 χ^2/NDF : 42577775.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

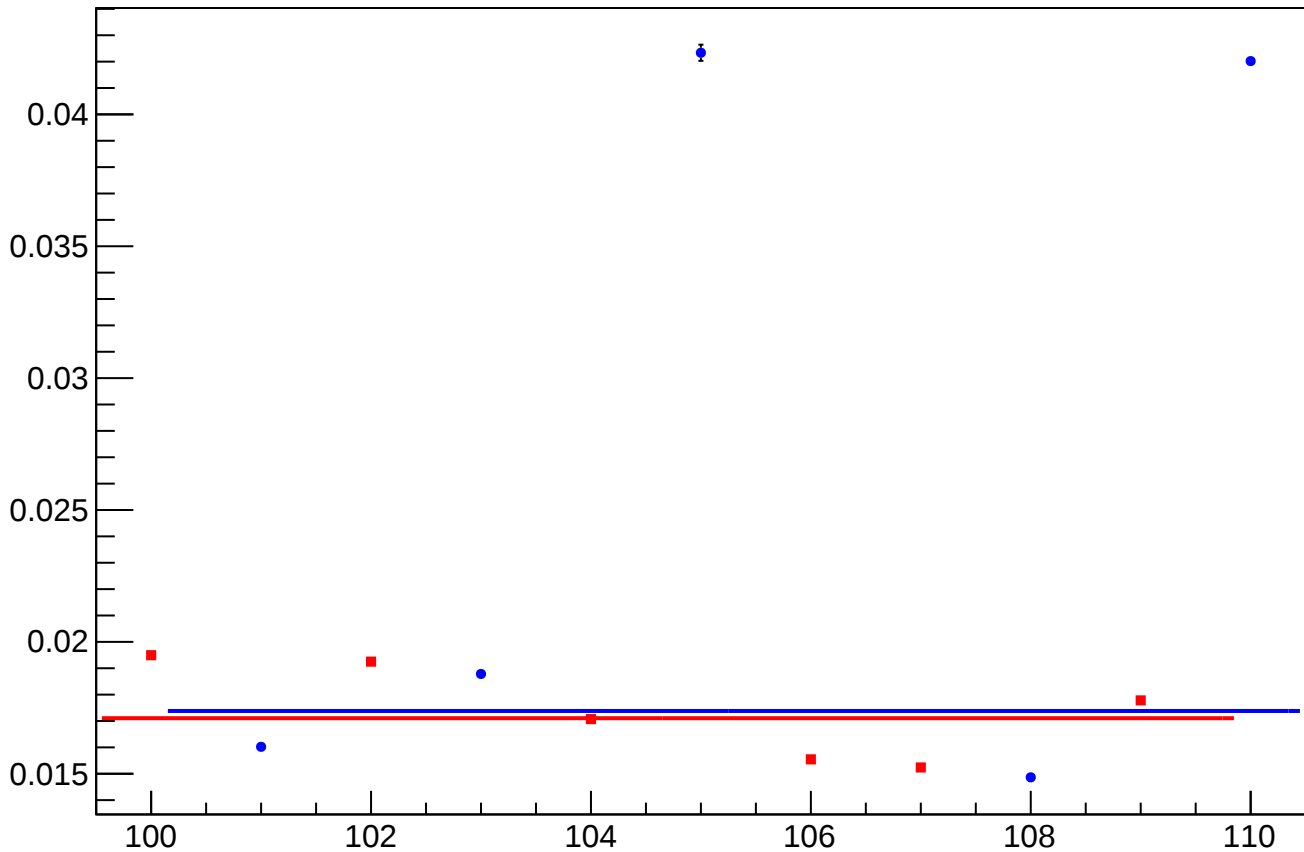
Right Out: 1.421+/-0.000 χ^2/NDF : 104052521.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.477+/-0.000 χ^2/NDF : 42577775.1/4

1.421+/-0.000 χ^2/NDF : 104052521.8/5

yield_bpm4acY_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 249361.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

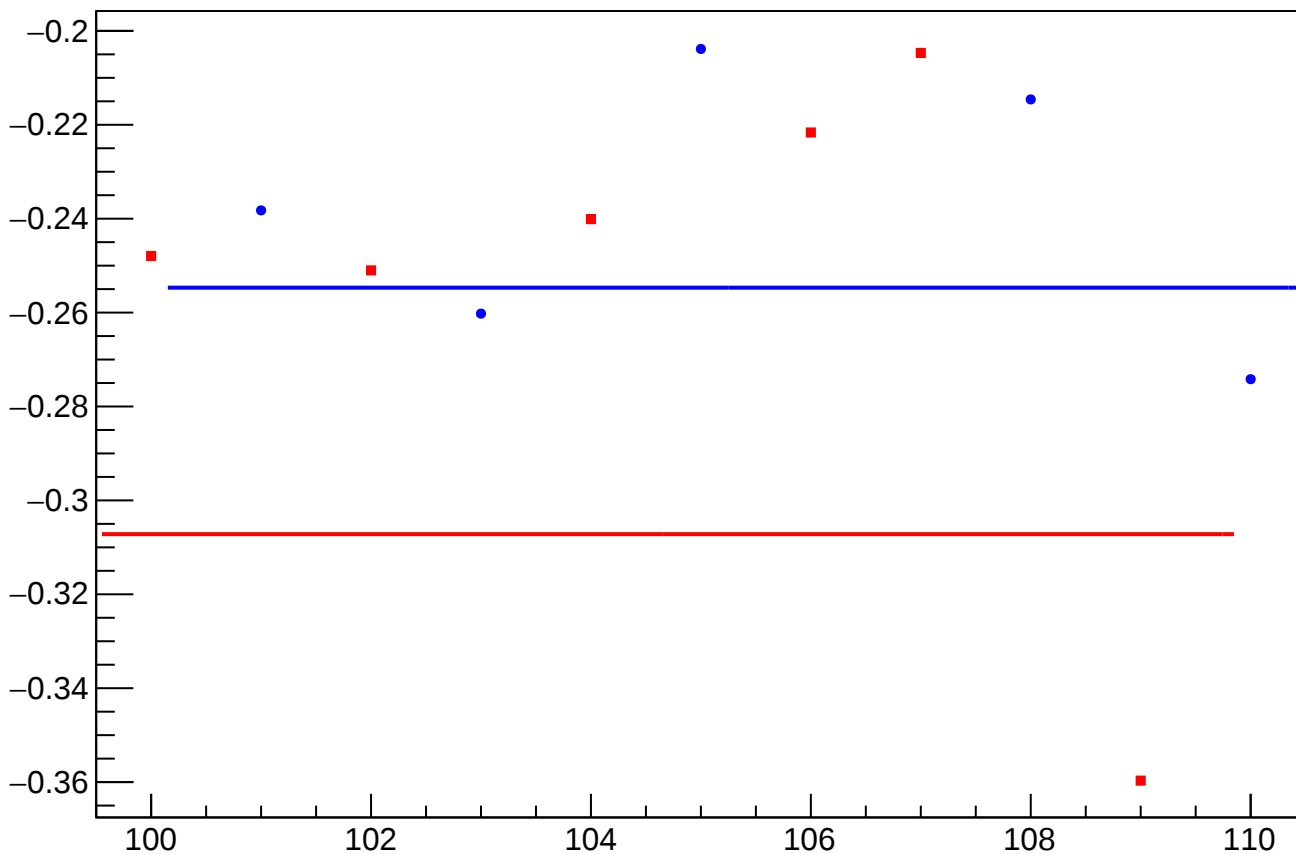
Right Out: 0.017+/-0.000 χ^2/NDF : 30248.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 249361.5/4

0.017+/-0.000 χ^2/NDF : 30248.4/5

yield_bpm4ecX_mean vs slug



Right In: -0.255+/-0.000 χ^2/NDF : 831115.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

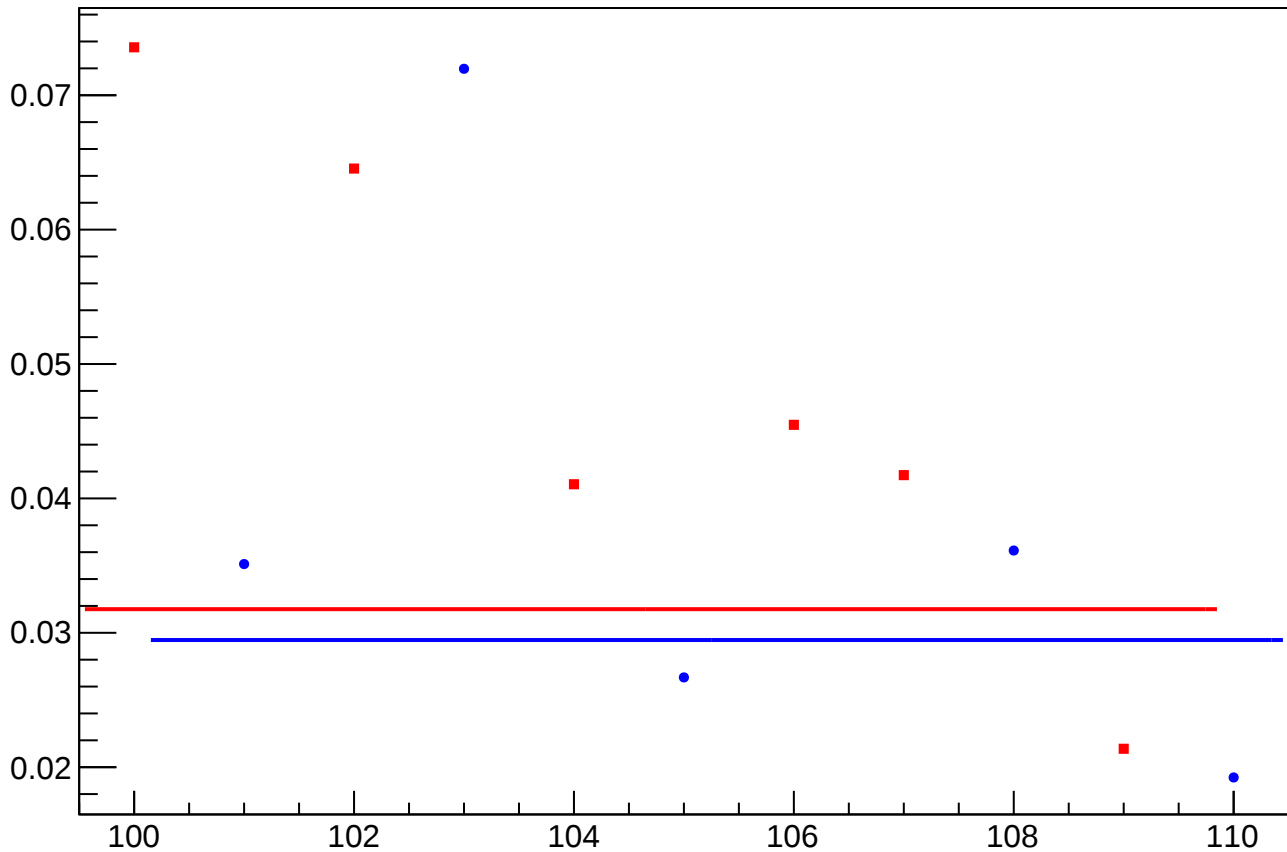
Right Out: -0.307+/-0.000 χ^2/NDF : 6572025.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.255+/-0.000 χ^2/NDF : 831115.8/4

-0.307+/-0.000 χ^2/NDF : 6572025.2/5

yield_bpm4ecX_rms vs slug



Right In: 0.029+/-0.000 χ^2/NDF : 609568.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

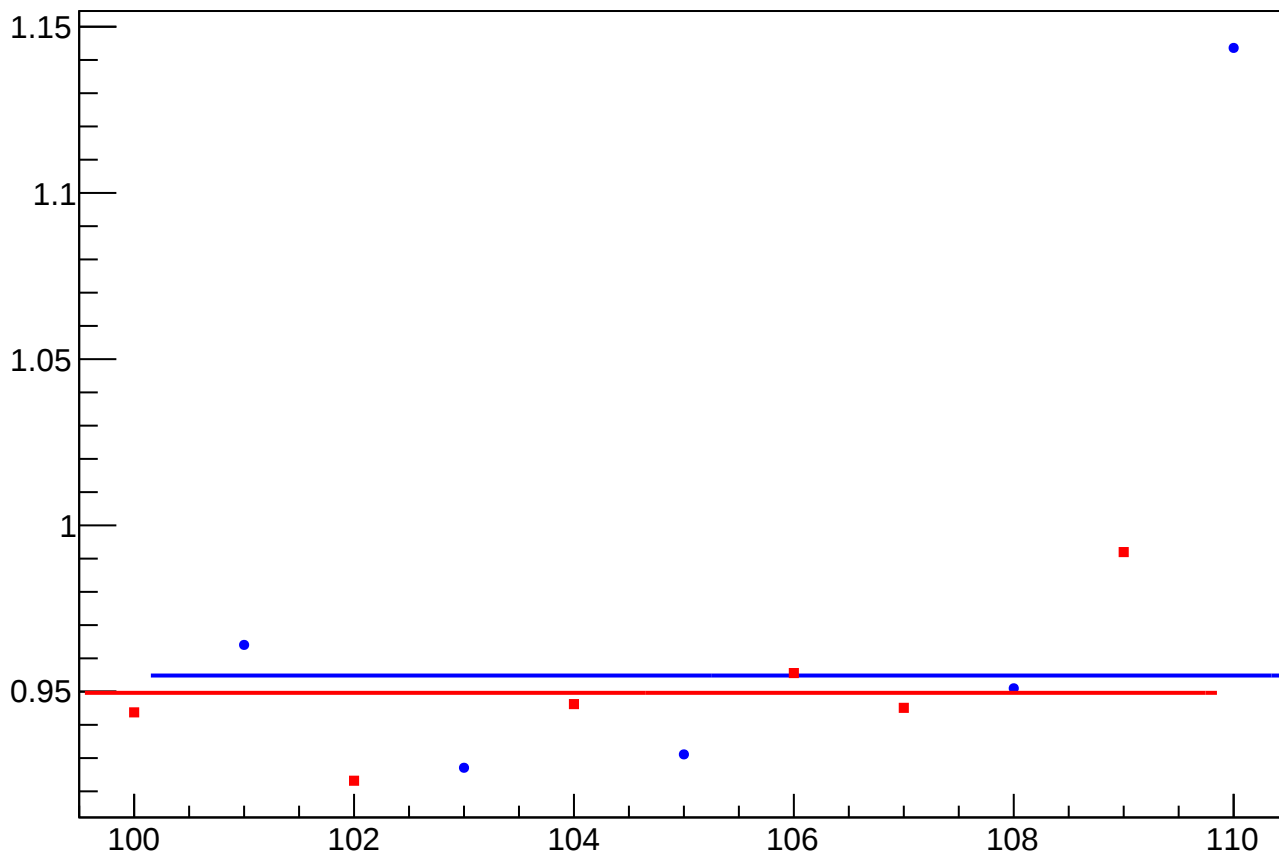
0.029+/-0.000 χ^2/NDF : 609568.6/4

Right Out: 0.032+/-0.000 χ^2/NDF : 617038.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.032+/-0.000 χ^2/NDF : 617038.5/5

yield_bpm4ecY_mean vs slug



Right In: 0.955+/-0.000 χ^2/NDF : 9035596.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

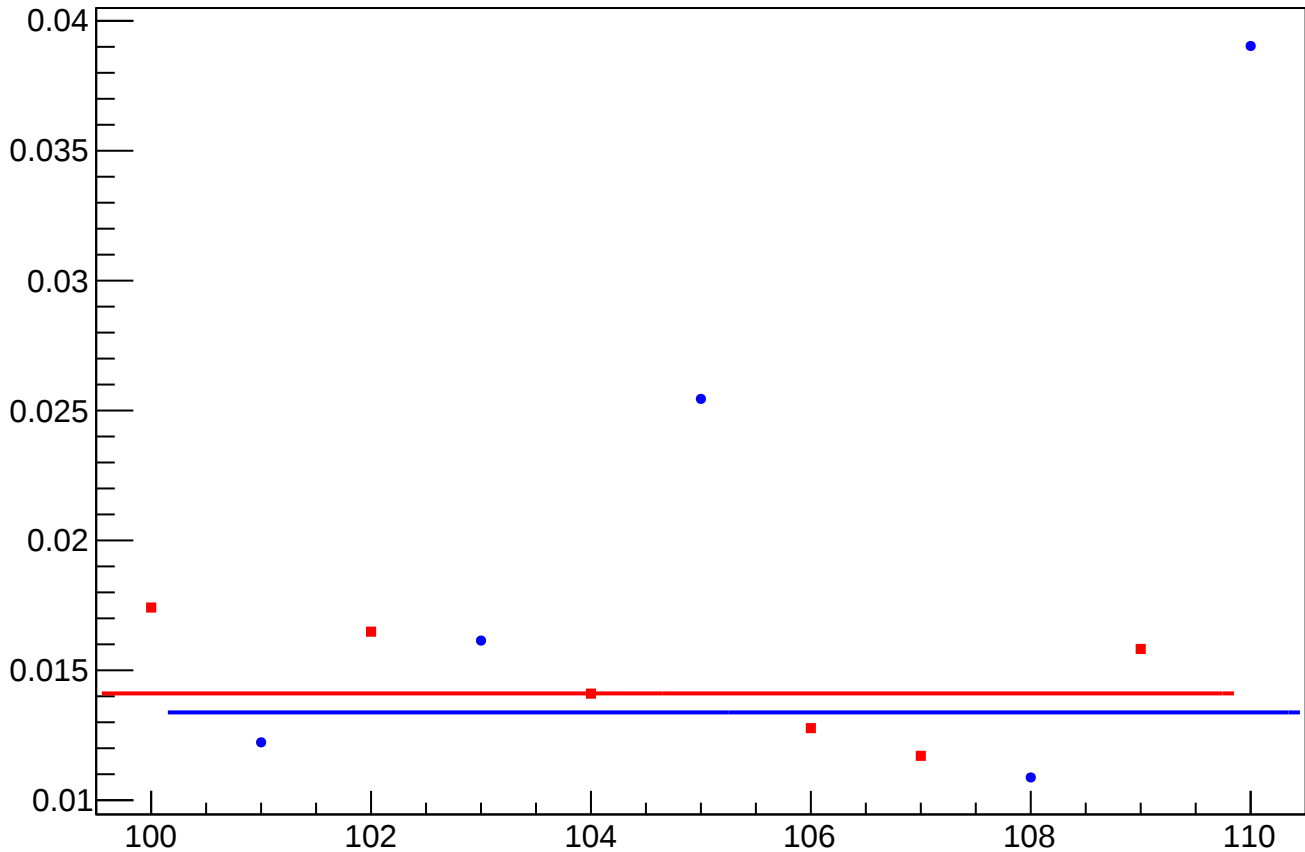
Right Out: 0.950+/-0.000 χ^2/NDF : 3984473.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.955+/-0.000 χ^2/NDF : 9035596.0/4

0.950+/-0.000 χ^2/NDF : 3984473.8/5

yield_bpm4ecY_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 342234.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

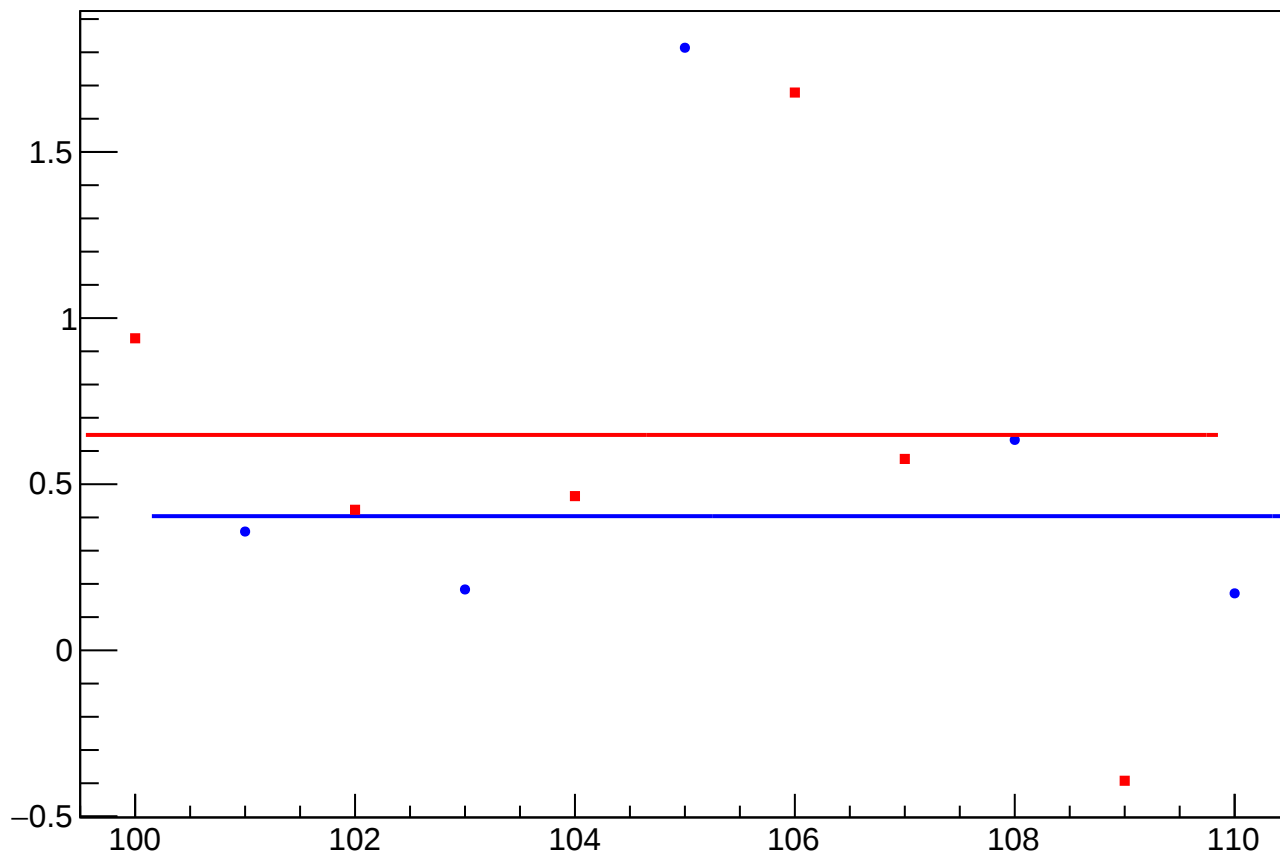
Right Out: 0.014+/-0.000 χ^2/NDF : 66606.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 342234.8/4

0.014+/-0.000 χ^2/NDF : 66606.8/5

yield_bpm1X_mean vs slug



Right In: 0.404 $\pm$ 0.000 χ^2 /NDF: 67386548.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

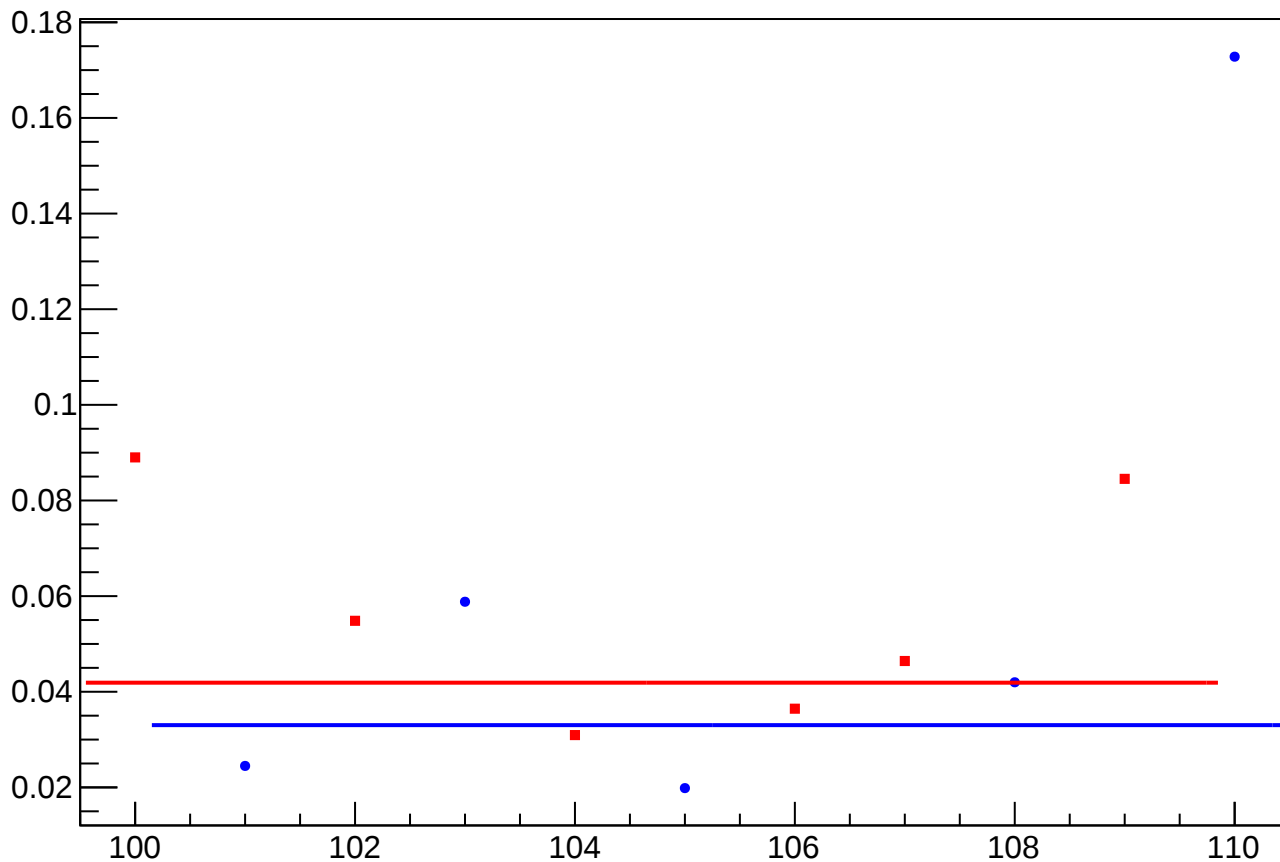
Right Out: 0.648 $\pm$ 0.000 χ^2 /NDF: 258688305.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.404 $\pm$ 0.000 χ^2 /NDF: 67386548.7/4

0.648 $\pm$ 0.000 χ^2 /NDF: 258688305.5/5

yield_bpm1X_rms vs slug



Right In: 0.033+/-0.000 χ^2/NDF : 800987.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

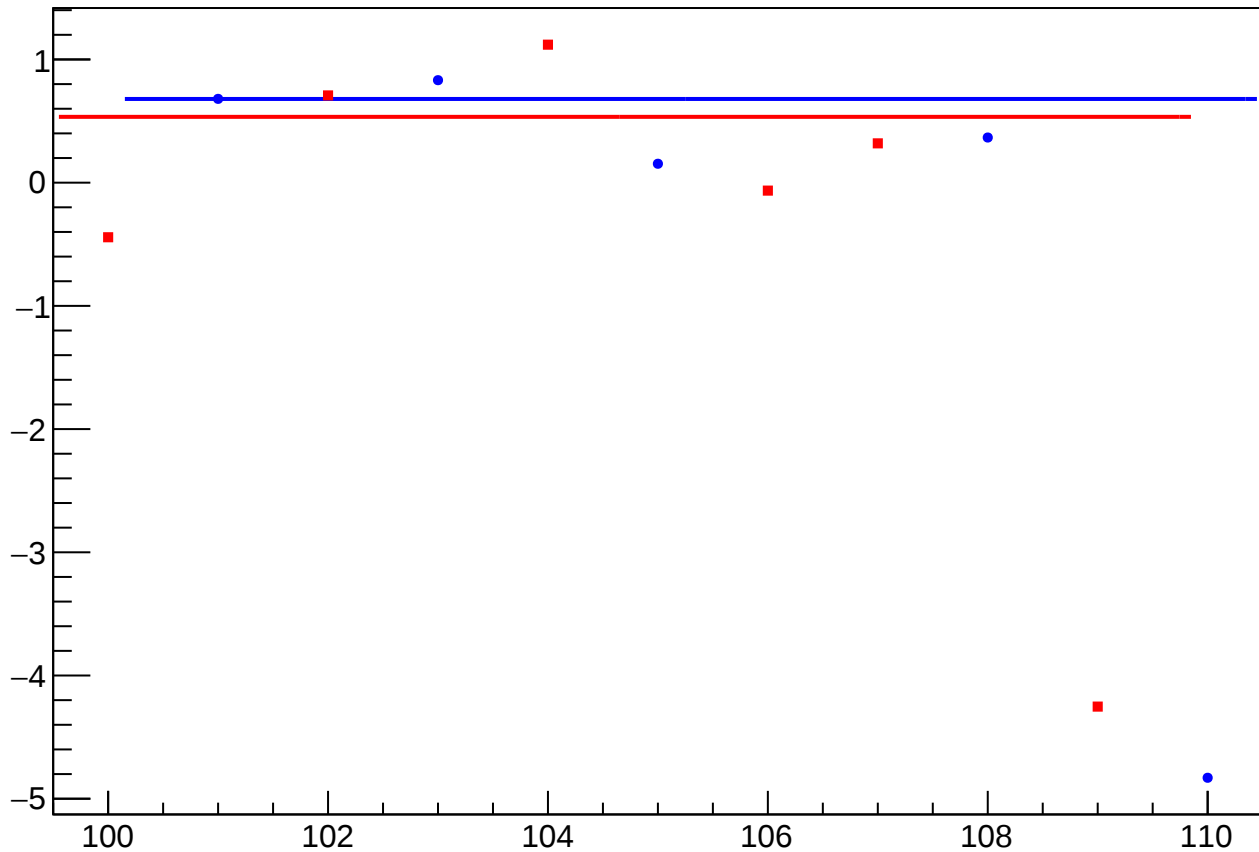
Right Out: 0.042+/-0.000 χ^2/NDF : 396054.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 800987.0/4

0.042+/-0.000 χ^2/NDF : 396054.5/5

yield_bpm1Y_mean vs slug



Right In: 0.679+/-0.000 χ^2/NDF : 500070417.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

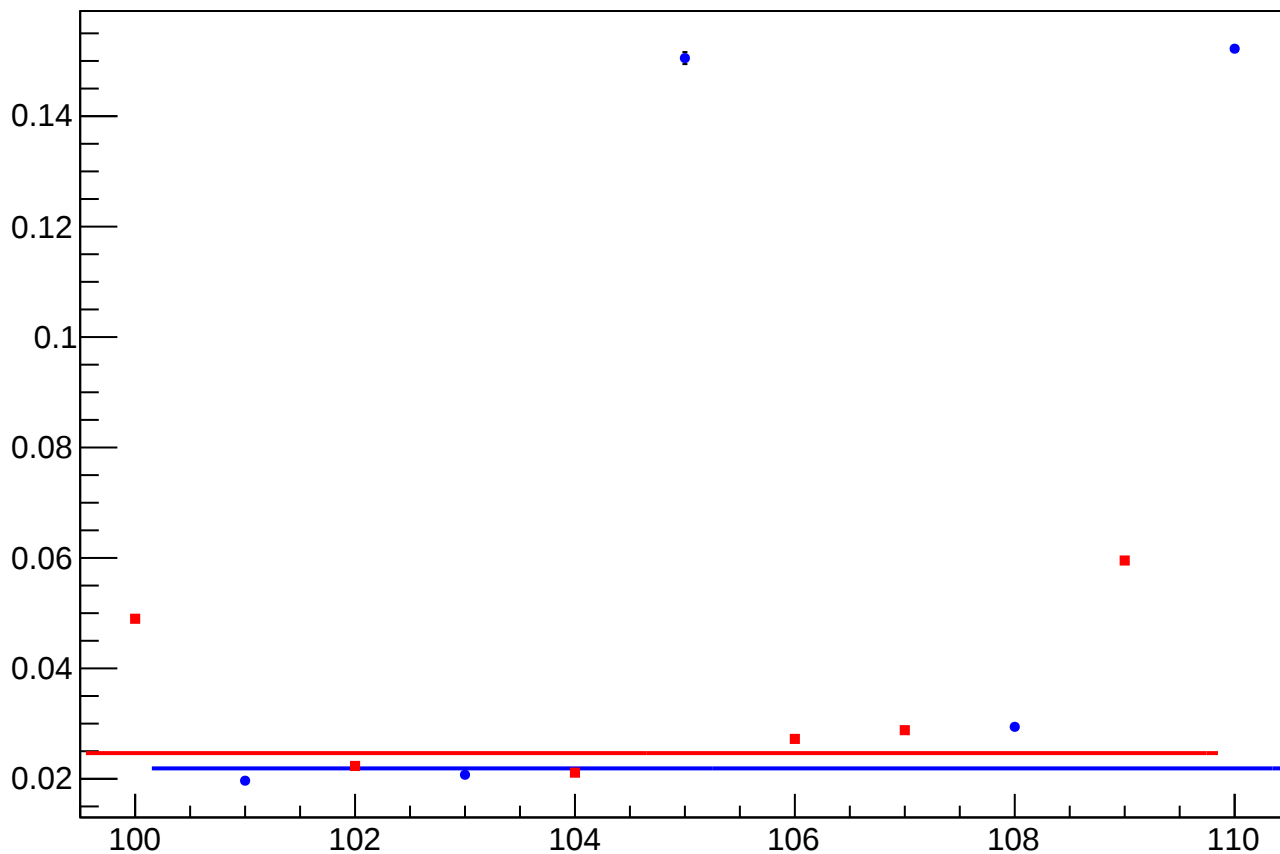
Right Out: 0.534+/-0.000 χ^2/NDF : 2812813040.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.679+/-0.000 χ^2/NDF : 500070417.4/4

0.534+/-0.000 χ^2/NDF : 2812813040.2/5

yield_bpm1Y_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 560124.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

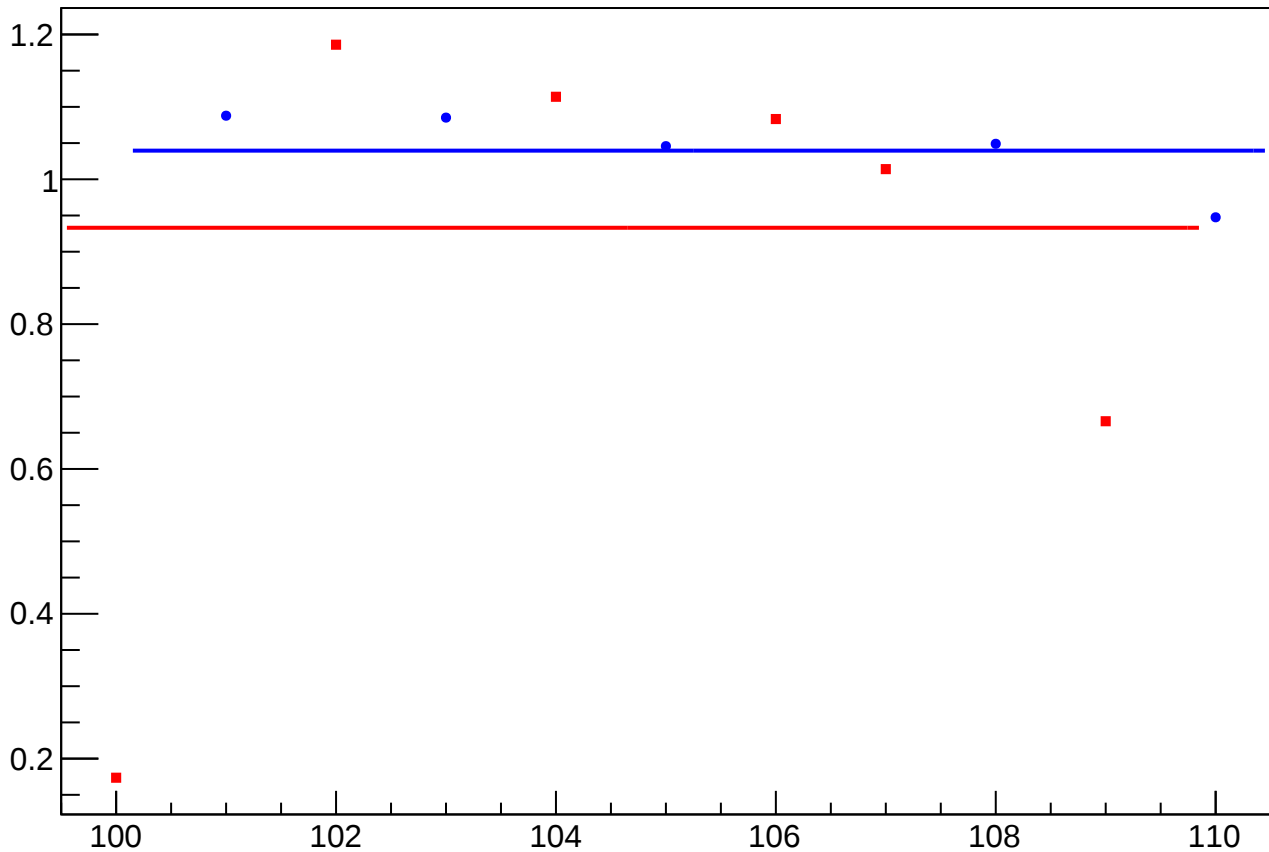
Right Out: 0.025+/-0.000 χ^2/NDF : 316639.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 560124.6/4

0.025+/-0.000 χ^2/NDF : 316639.4/5

yield_bpm11X_mean vs slug



Right In: 1.040 $\pm$ 0.000 χ^2 /NDF: 19114135.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

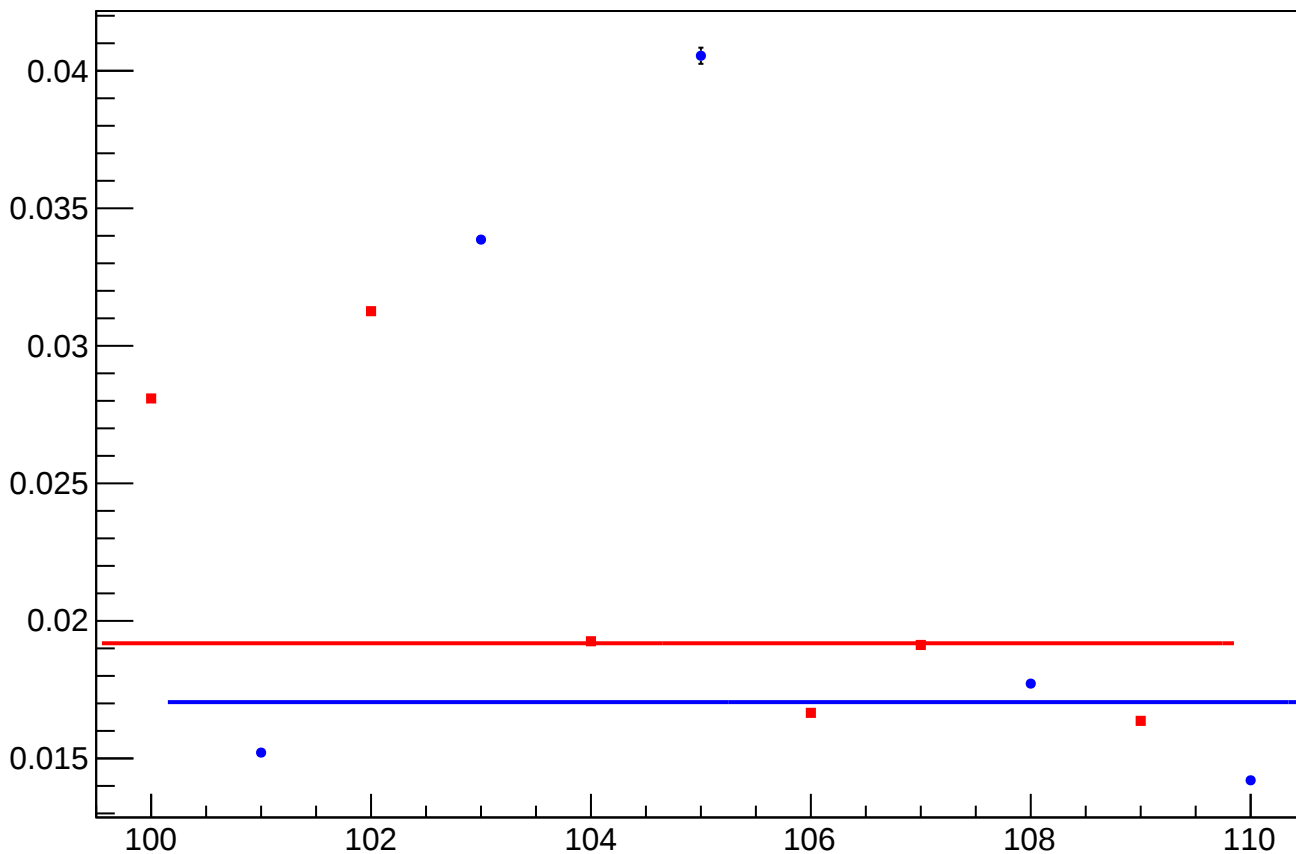
1.040 $\pm$ 0.000 χ^2 /NDF: 19114135.6/4

Right Out: 0.933 $\pm$ 0.000 χ^2 /NDF: 255339016.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.933 $\pm$ 0.000 χ^2 /NDF: 255339016.8/5

yield_bpm11X_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 304138.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

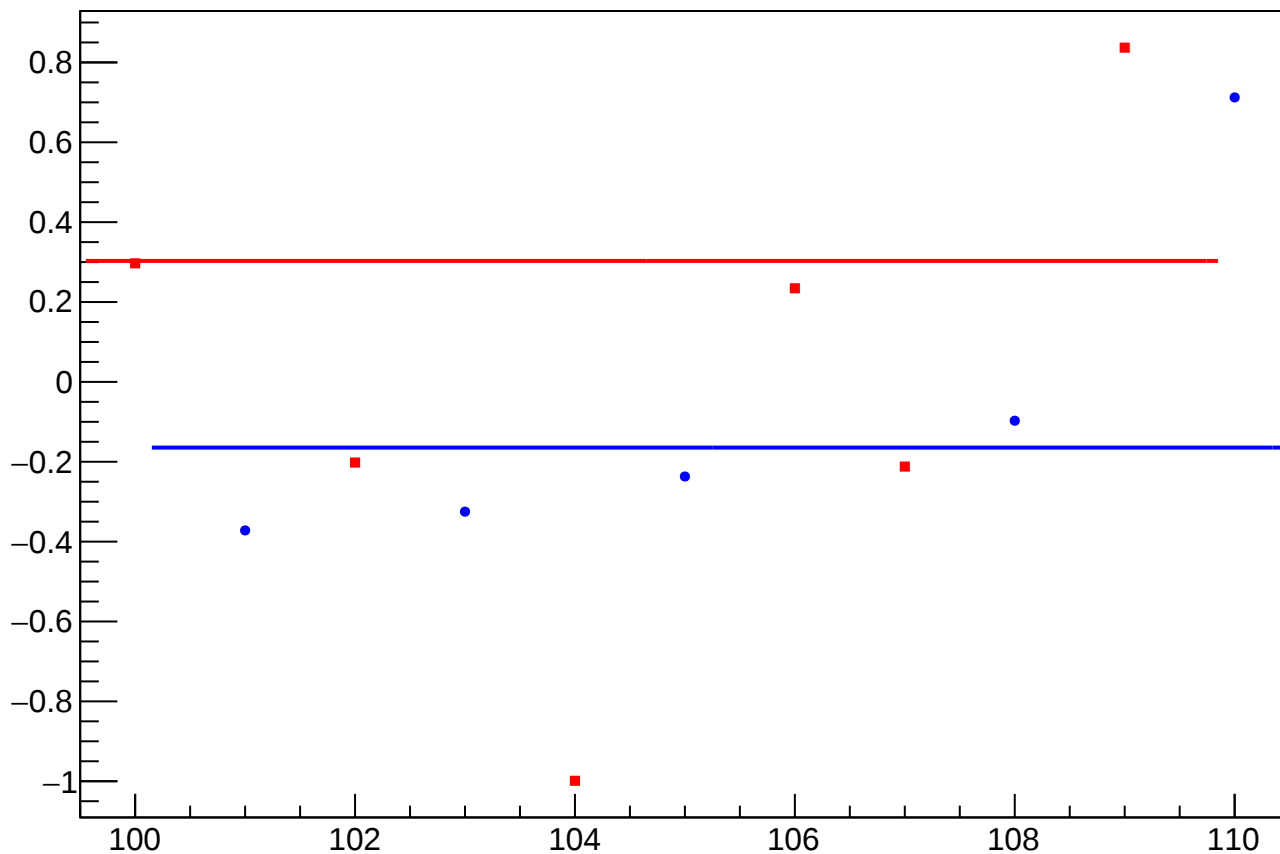
Right Out: 0.019+/-0.000 χ^2/NDF : 193928.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 304138.3/4

0.019+/-0.000 χ^2/NDF : 193928.2/5

yield_bpm11Y_mean vs slug



Right In: -0.164 $\pm$ 0.000 χ^2 /NDF: 684281085.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

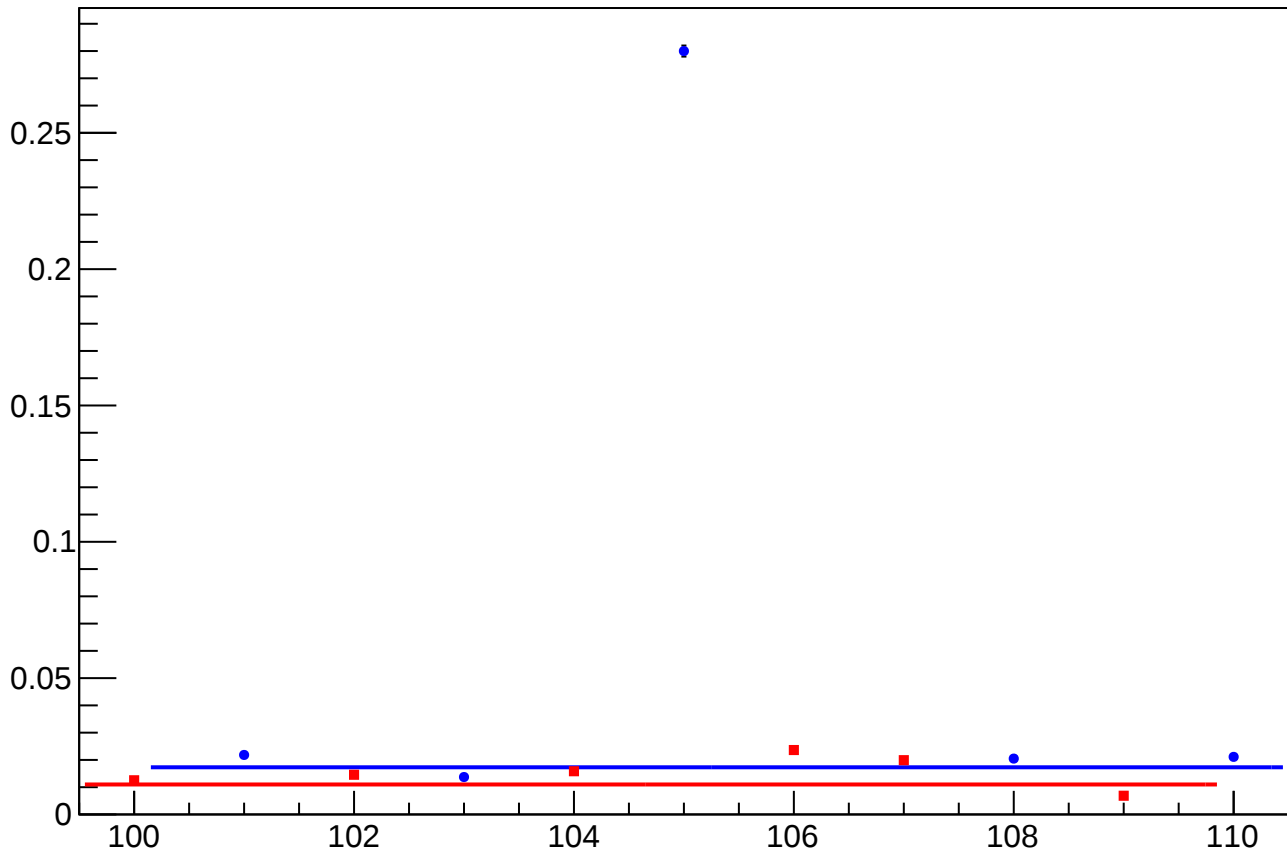
Right Out: 0.303 $\pm$ 0.000 χ^2 /NDF: 5470260528.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.164 $\pm$ 0.000 χ^2 /NDF: 684281085.5/4

0.303 $\pm$ 0.000 χ^2 /NDF: 5470260528.8/5

yield_bpm11Y_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 169153.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

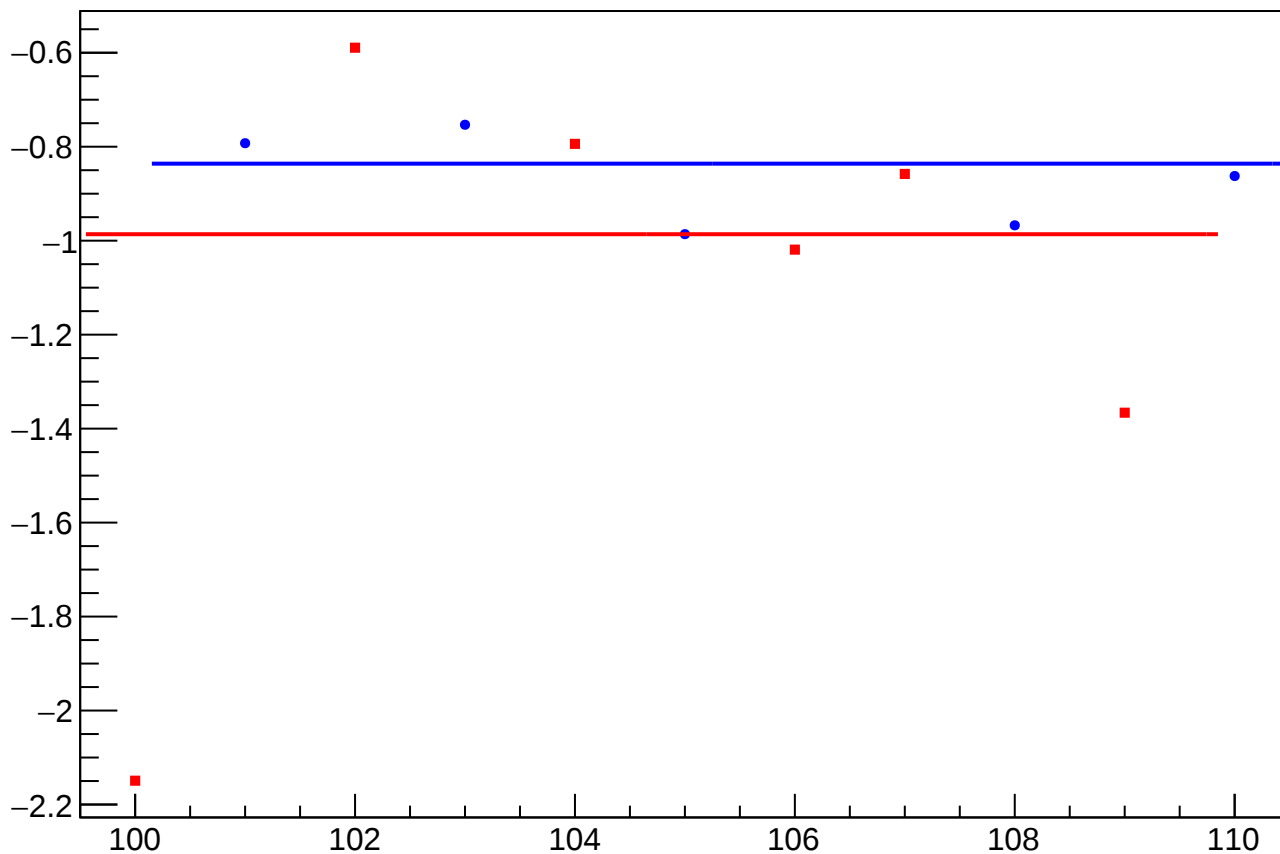
Right Out: 0.011+/-0.000 χ^2/NDF : 615503.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 169153.9/4

0.011+/-0.000 χ^2/NDF : 615503.3/5

yield_bpm12X_mean vs slug



Right In: -0.836+/-0.000 χ^2/NDF : 5860709.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

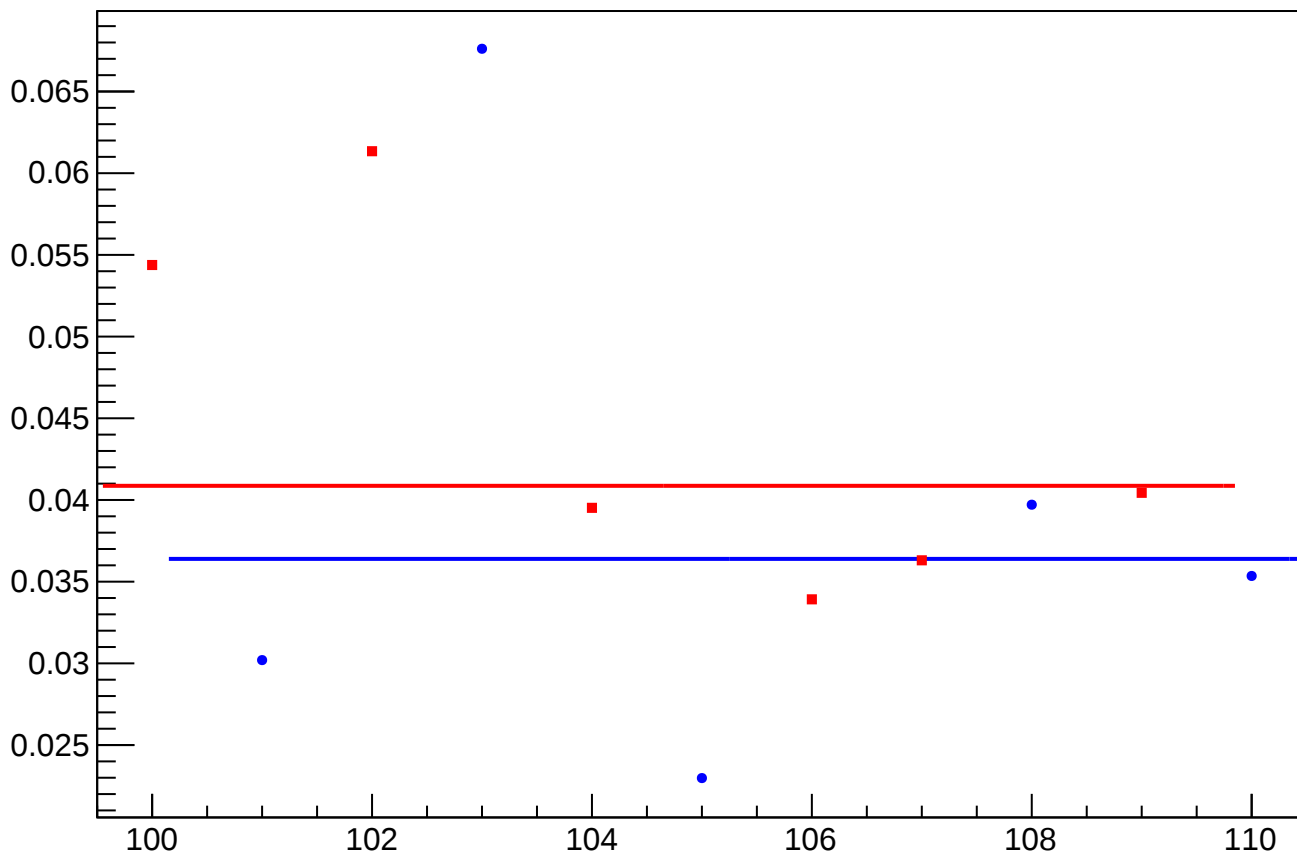
Right Out: -0.986+/-0.000 χ^2/NDF : 99148427.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.836+/-0.000 χ^2/NDF : 5860709.1/4

-0.986+/-0.000 χ^2/NDF : 99148427.5/5

yield_bpm12X_rms vs slug



Right In: 0.036+/-0.000 χ^2/NDF : 274803.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

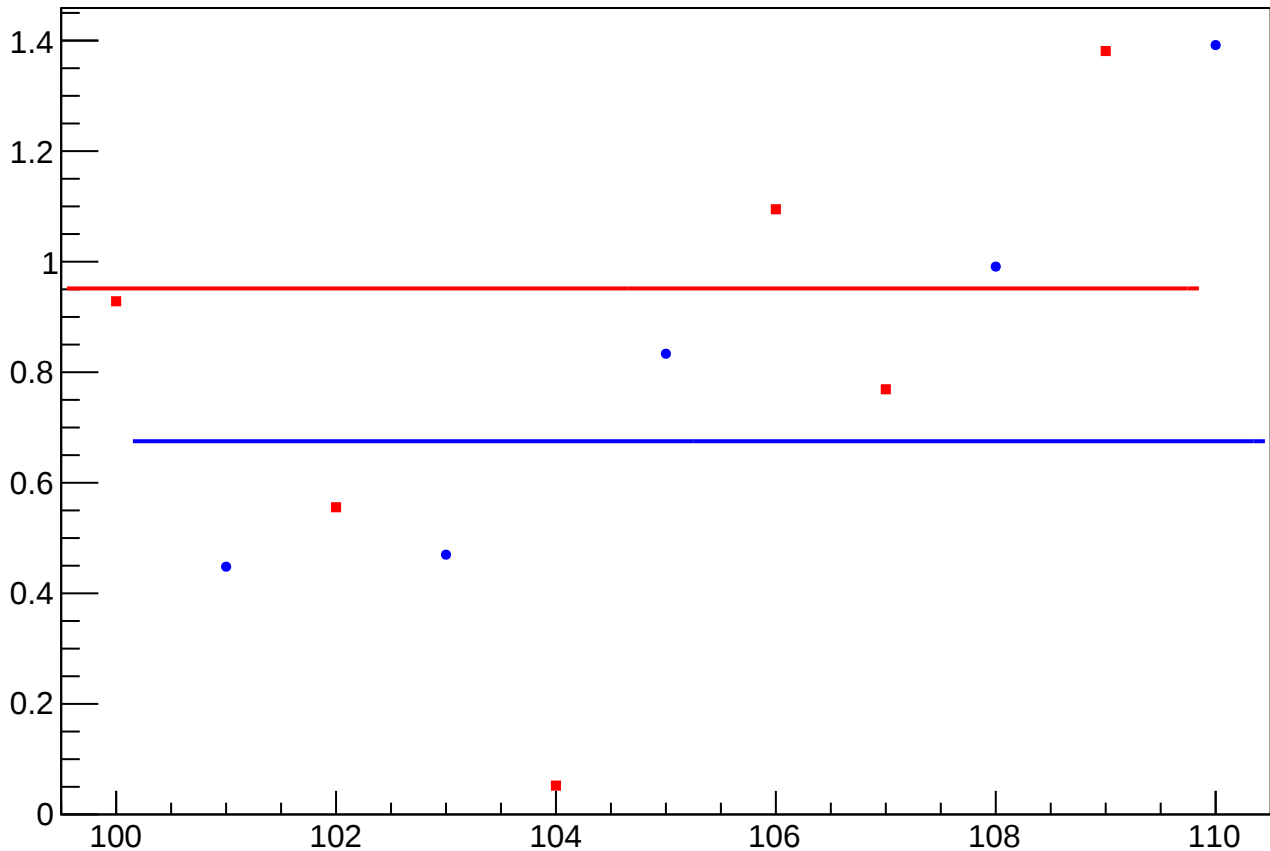
Right Out: 0.041+/-0.000 χ^2/NDF : 144265.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.036+/-0.000 χ^2/NDF : 274803.1/4

0.041+/-0.000 χ^2/NDF : 144265.1/5

yield_bpm12Y_mean vs slug



Right In: 0.675+/-0.000 χ^2/NDF : 1310560710.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

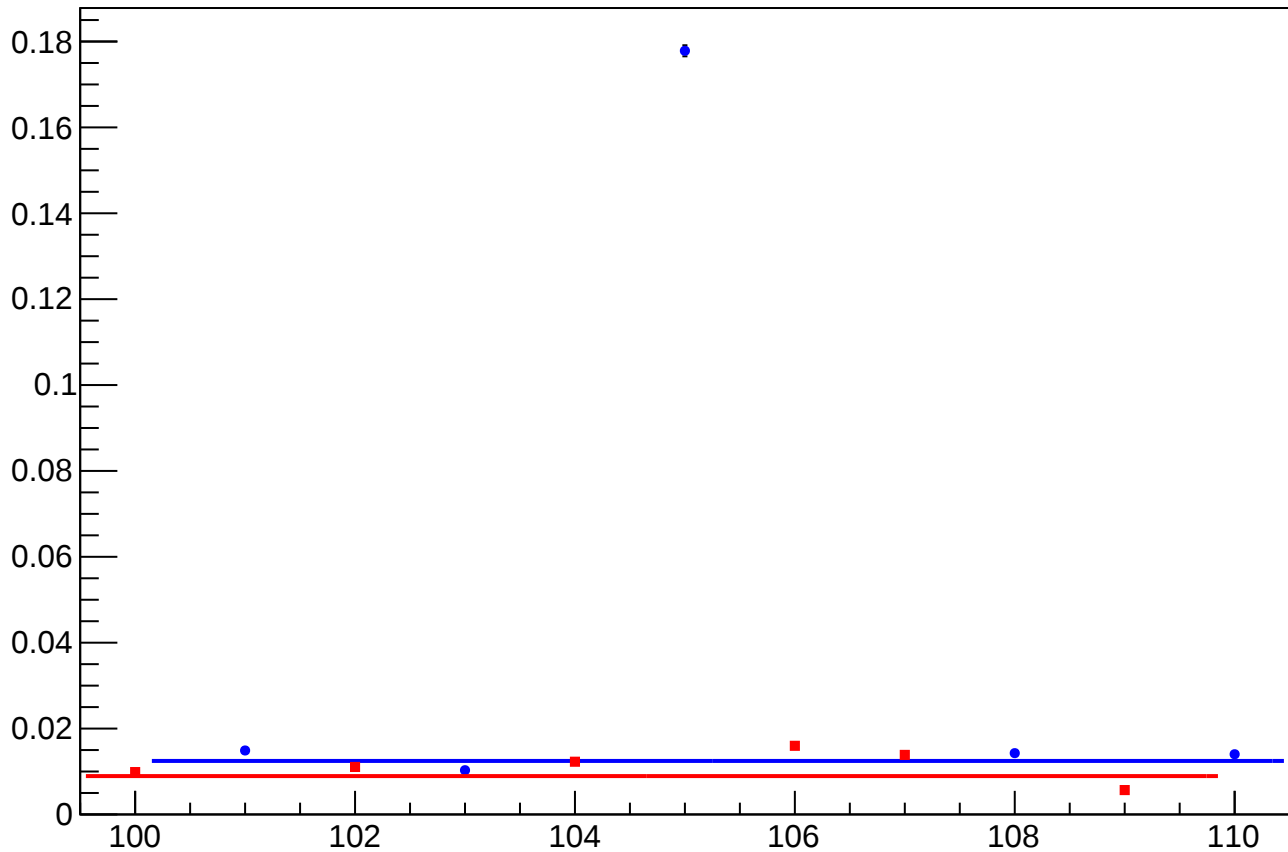
0.675+/-0.000 χ^2/NDF : 1310560710.3/4

Right Out: 0.952+/-0.000 χ^2/NDF : 4824095383.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.952+/-0.000 χ^2/NDF : 4824095383.7/5

yield_bpm12Y_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 107703.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

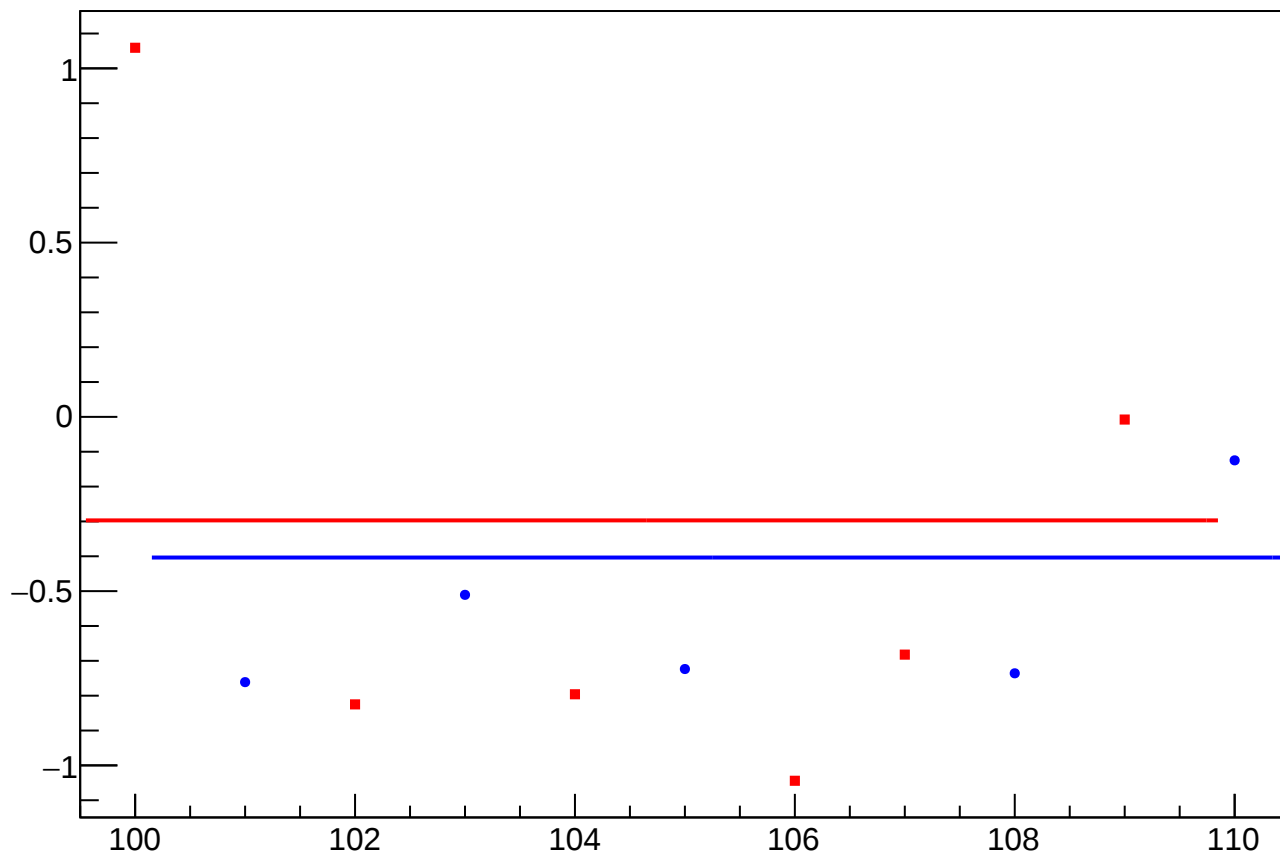
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 473572.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 107703.6/4

0.009 $\pm$ 0.000 χ^2 /NDF: 473572.1/5

yield_bpm16X_mean vs slug



Right In: -0.404+/-0.000 χ^2/NDF : 212059360.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

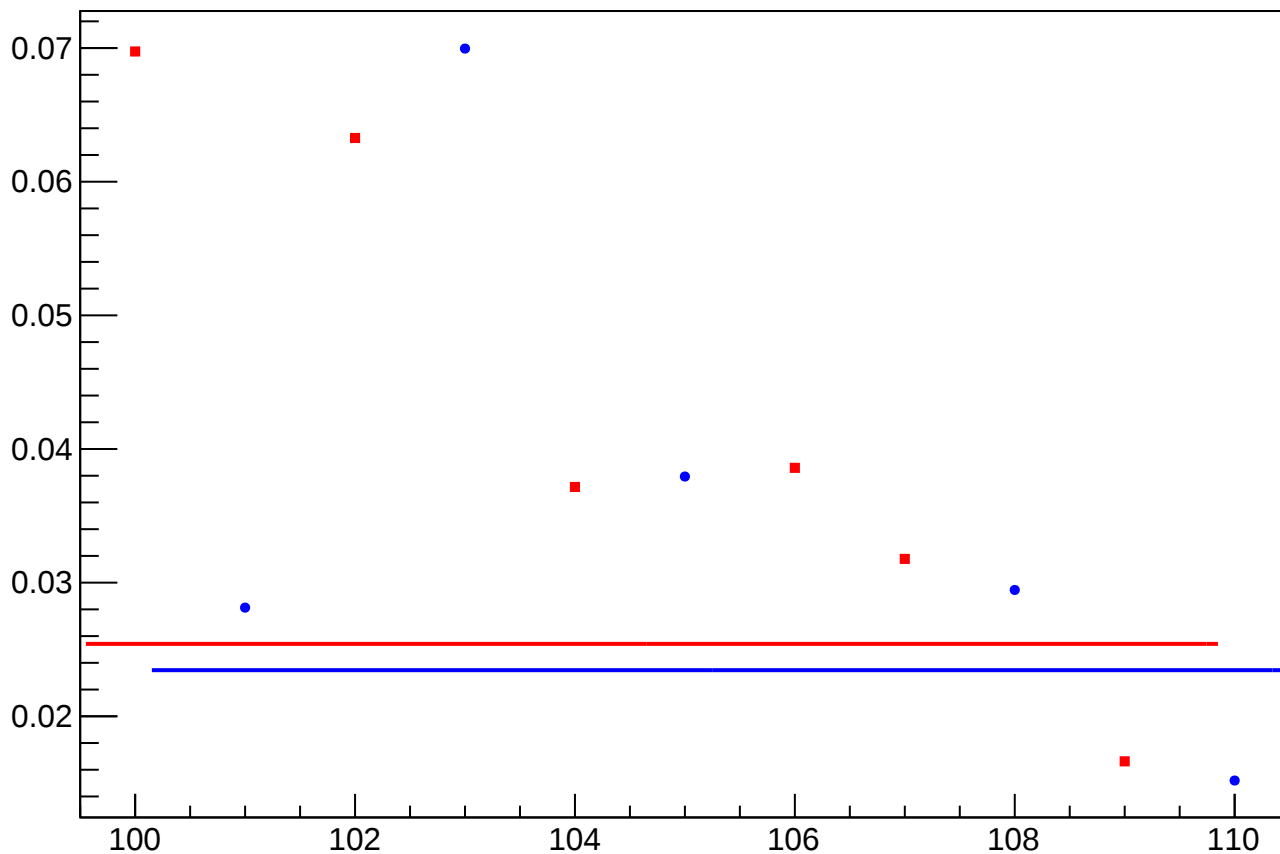
Right Out: -0.297+/-0.000 χ^2/NDF : 367040850.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.404+/-0.000 χ^2/NDF : 212059360.4/4

-0.297+/-0.000 χ^2/NDF : 367040850.6/5

yield_bpm16X_rms vs slug



Right In: 0.023+/-0.000 χ^2/NDF : 703252.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

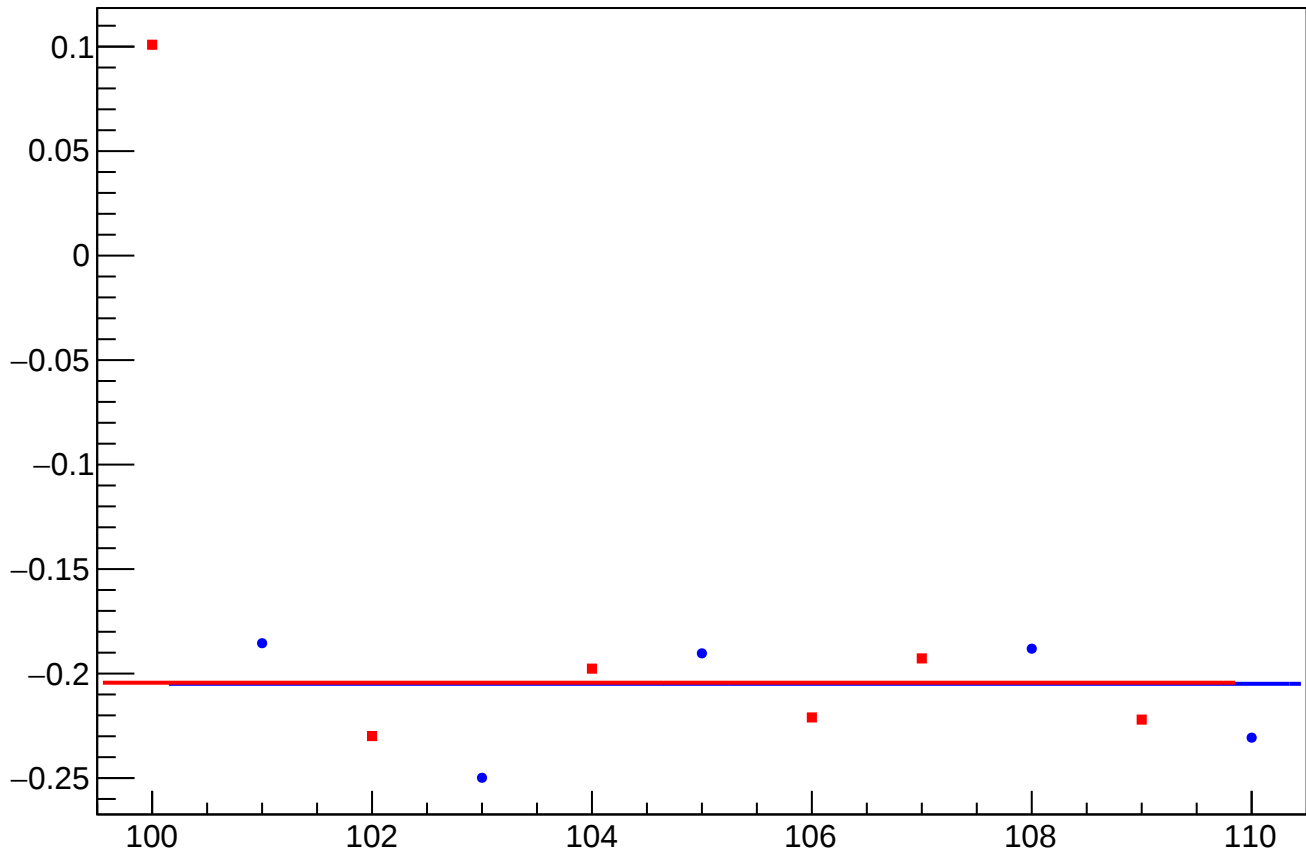
Right Out: 0.025+/-0.000 χ^2/NDF : 758383.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 703252.7/4

0.025+/-0.000 χ^2/NDF : 758383.7/5

yield_bpm16Y_mean vs slug



Right In: -0.205+/-0.000 χ^2/NDF : 43338945.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

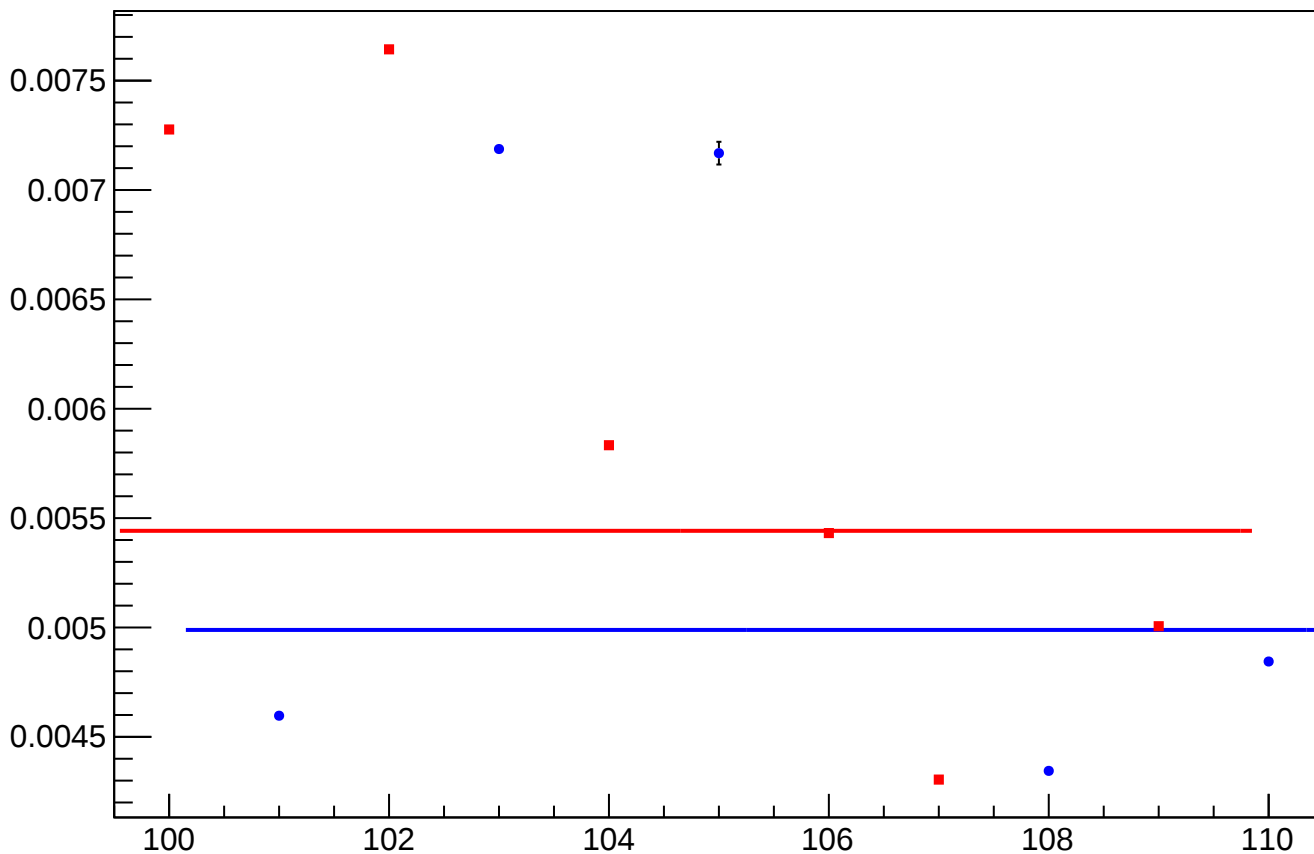
Right Out: -0.204+/-0.000 χ^2/NDF : 135640675.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.205+/-0.000 χ^2/NDF : 43338945.3/4

-0.204+/-0.000 χ^2/NDF : 135640675.8/5

yield_bpm16Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 123265.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

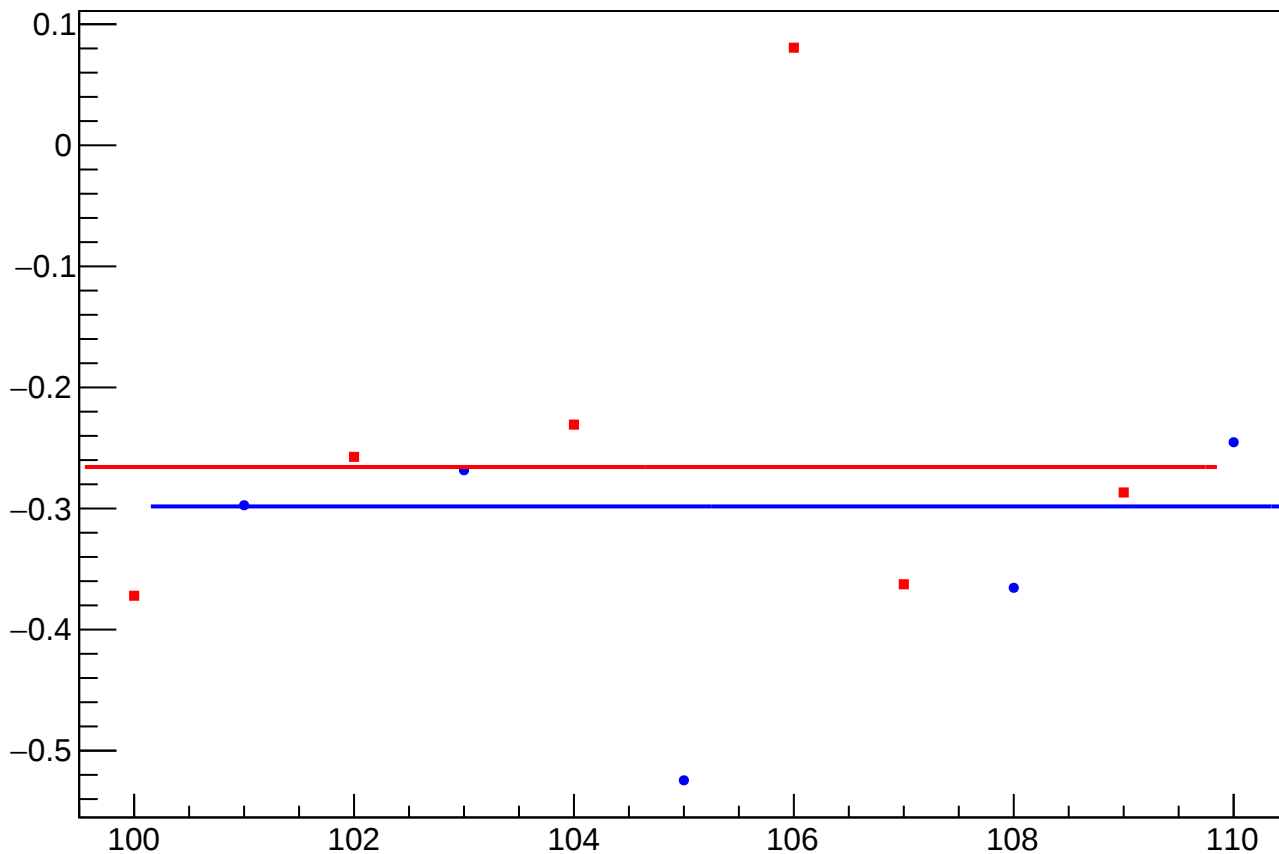
Right Out: 0.005+/-0.000 χ^2/NDF : 144992.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 123265.1/4

0.005+/-0.000 χ^2/NDF : 144992.0/5

yield_bpm0i02X_mean vs slug



Right In: -0.298+/-0.000 χ^2/NDF : 77119718.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

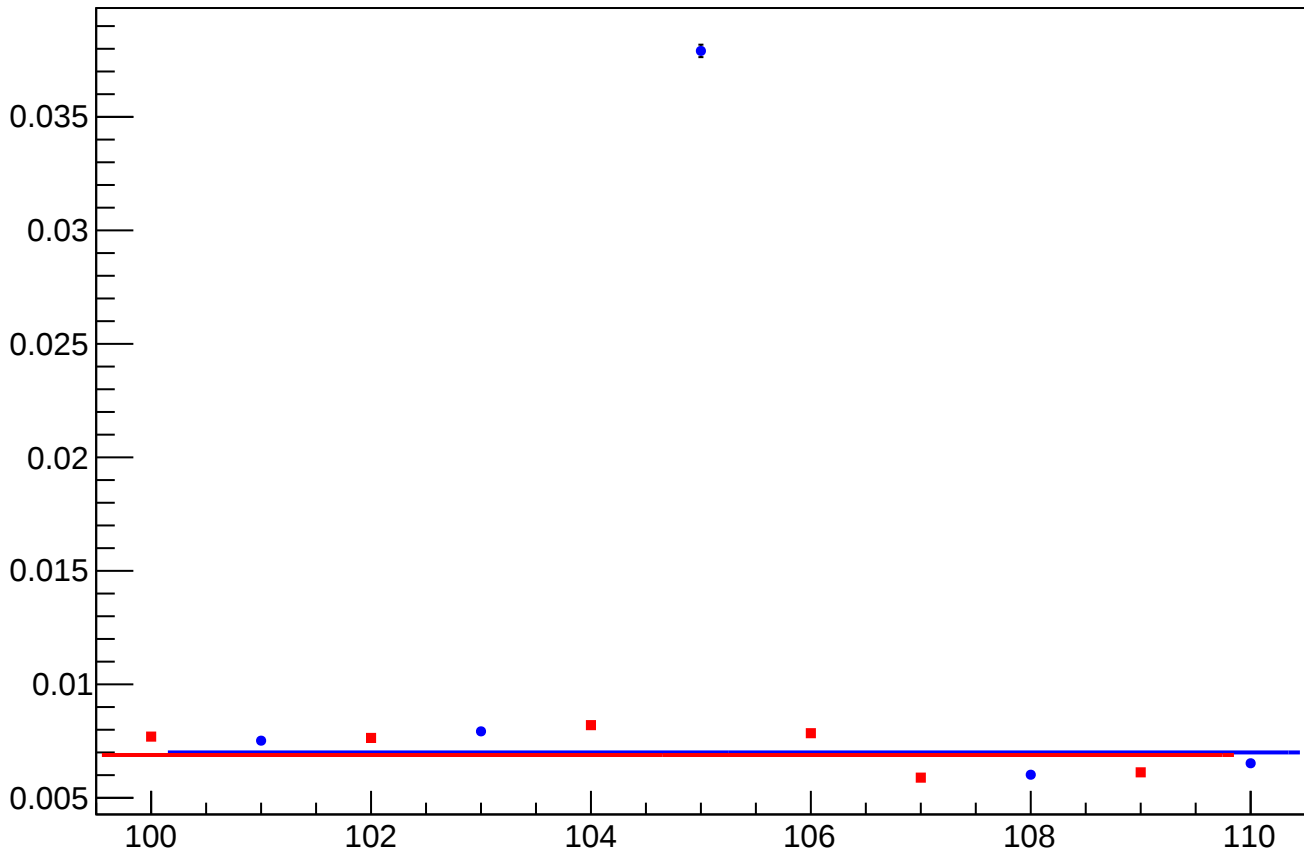
Right Out: -0.266+/-0.000 χ^2/NDF : 492263034.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.298+/-0.000 χ^2/NDF : 77119718.8/4

-0.266+/-0.000 χ^2/NDF : 492263034.7/5

yield_bpm0i02X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 57176.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

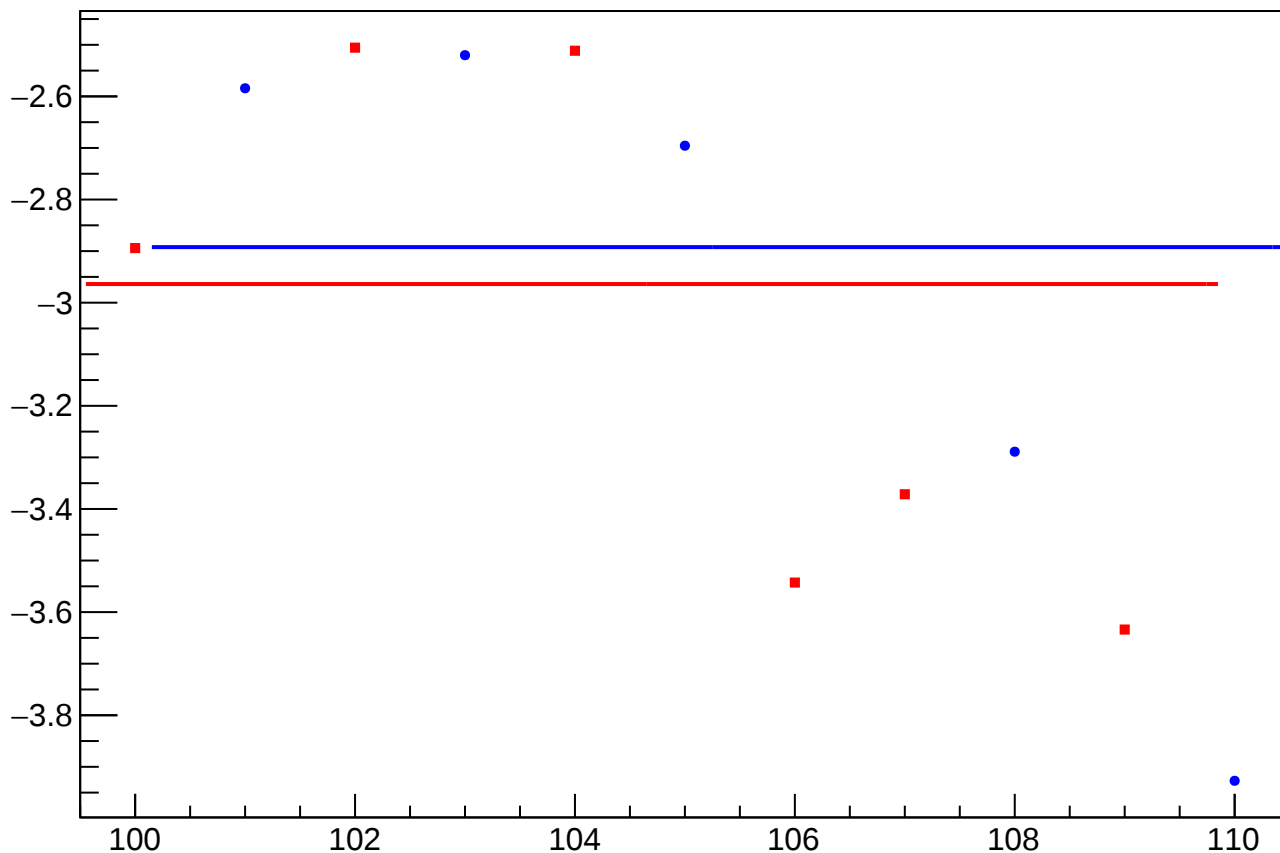
Right Out: 0.007+/-0.000 χ^2/NDF : 78330.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 57176.4/4

0.007+/-0.000 χ^2/NDF : 78330.8/5

yield_bpm0i02Y_mean vs slug



Right In: -2.892+/-0.000 χ^2/NDF : 8821959926.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

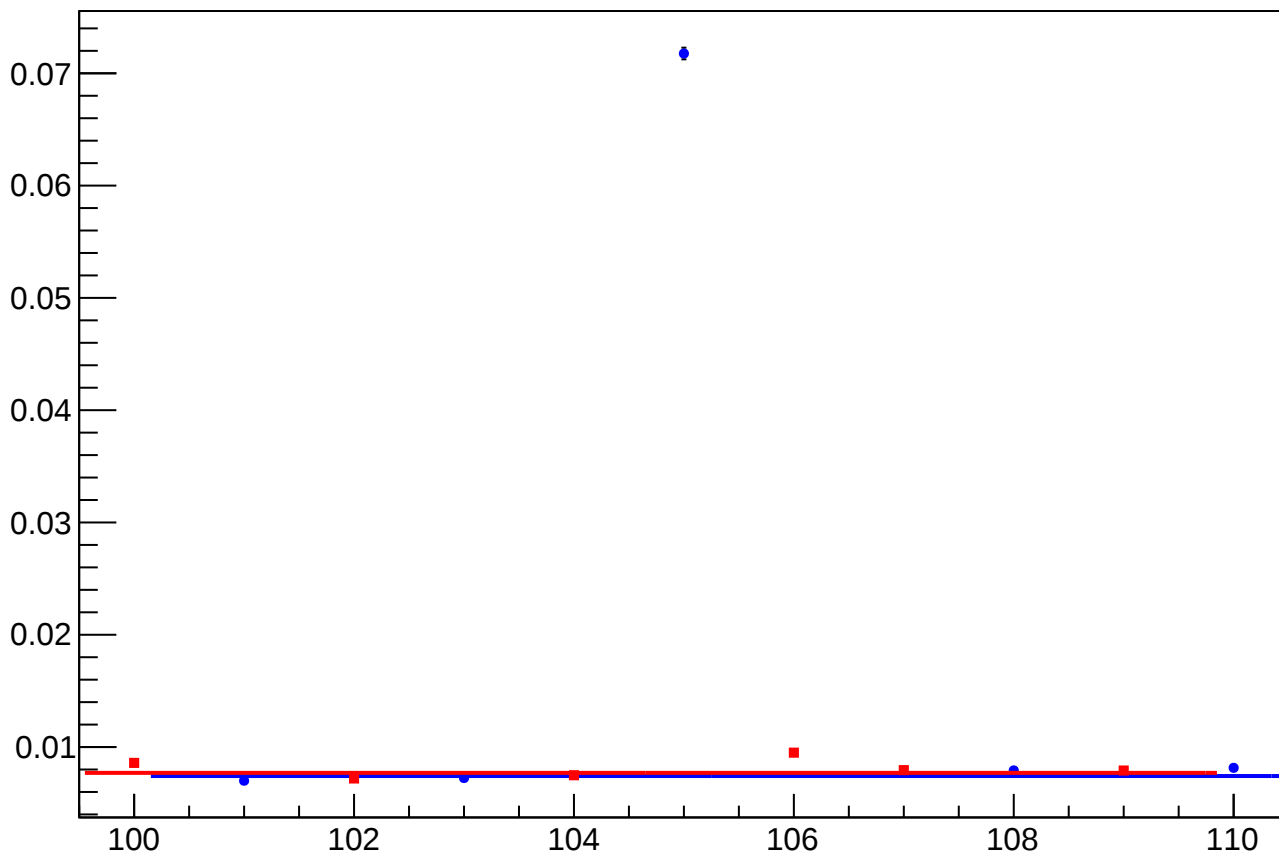
Right Out: -2.964+/-0.000 χ^2/NDF : 8949281081.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.892+/-0.000 χ^2/NDF : 8821959926.6/4

-2.964+/-0.000 χ^2/NDF : 8949281081.4/5

yield_bpm0i02Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 28284.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

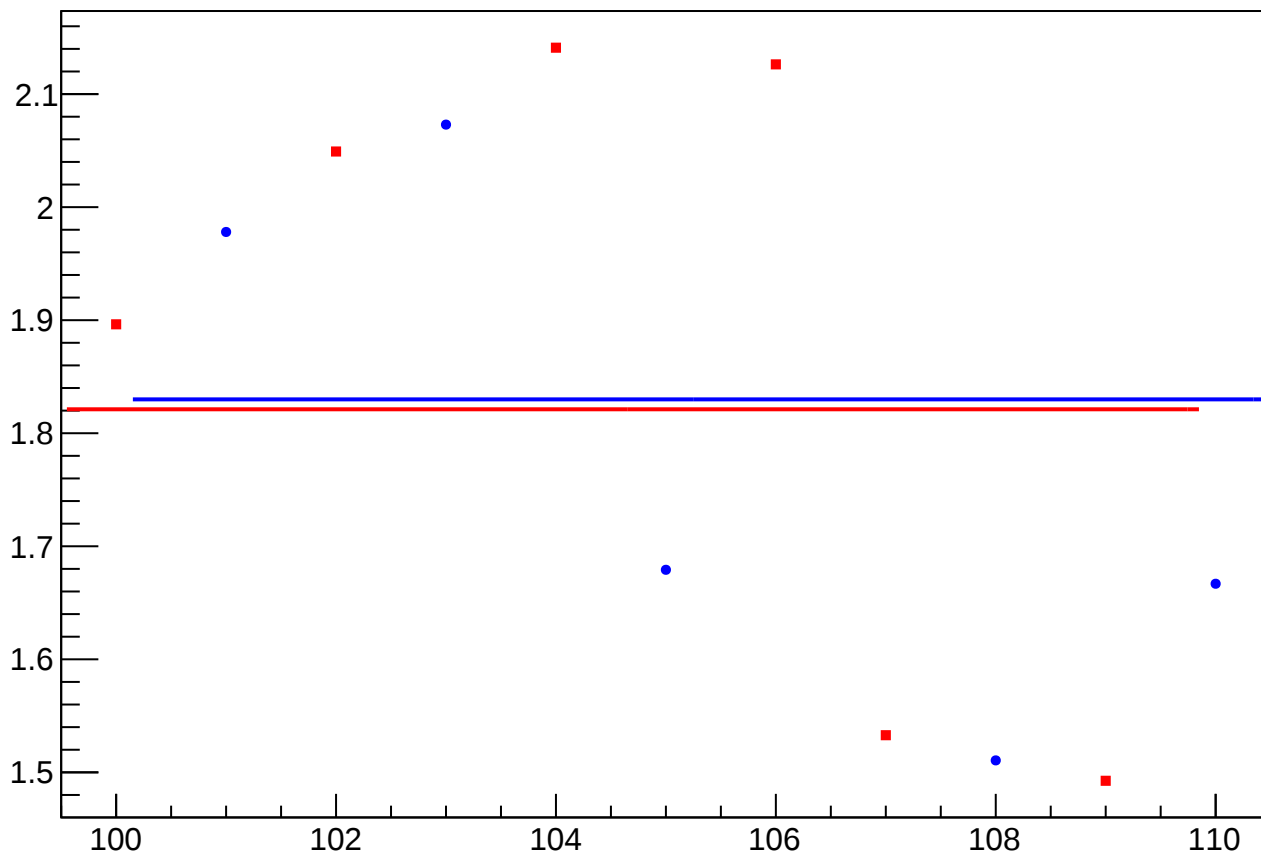
Right Out: 0.008+/-0.000 χ^2/NDF : 19447.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 28284.4/4

0.008+/-0.000 χ^2/NDF : 19447.4/5

yield_bpm0i02aX_mean vs slug



Right In: 1.830+/-0.000 χ^2/NDF : 606409983.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

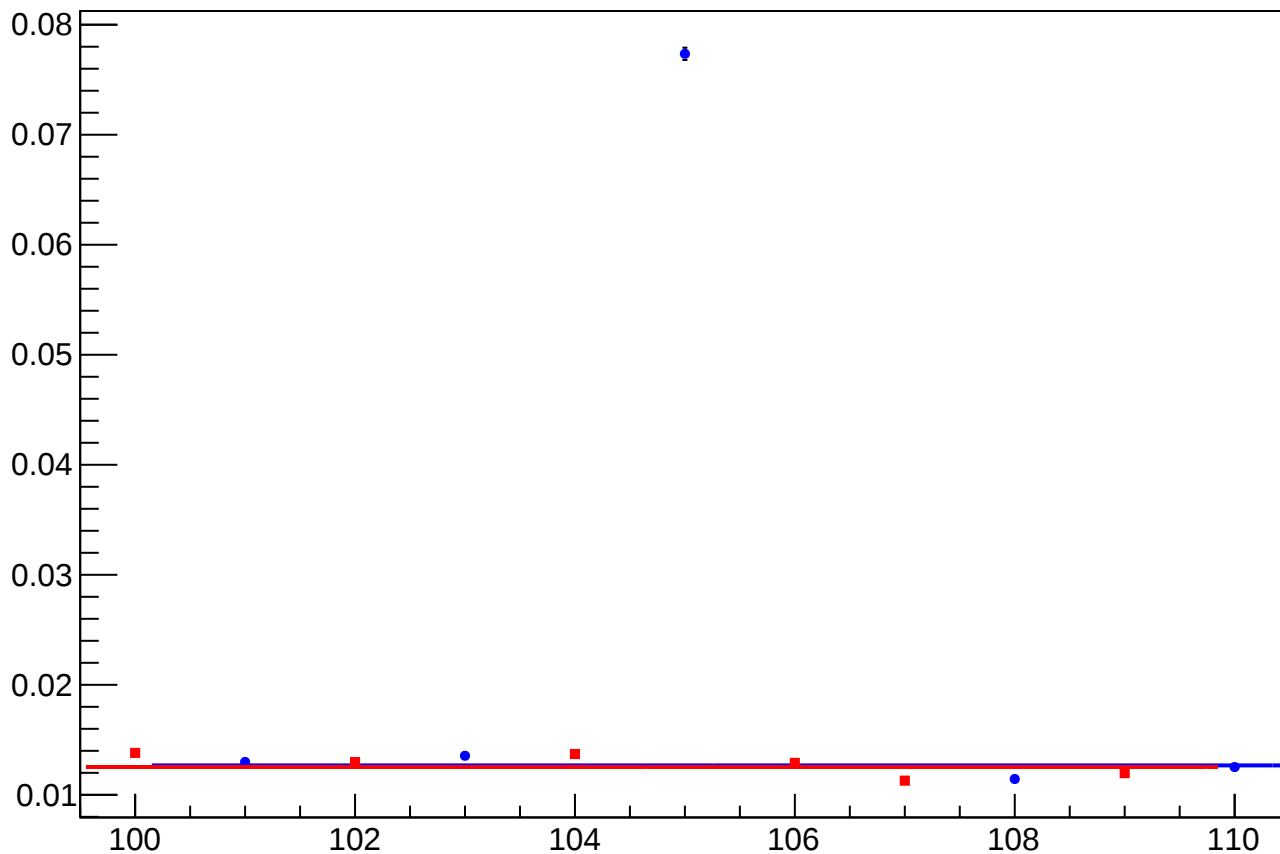
Right Out: 1.821+/-0.000 χ^2/NDF : 1130908357.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.830+/-0.000 χ^2/NDF : 606409983.8/4

1.821+/-0.000 χ^2/NDF : 1130908357.0/5

yield_bpm0i02aX_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 27587.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

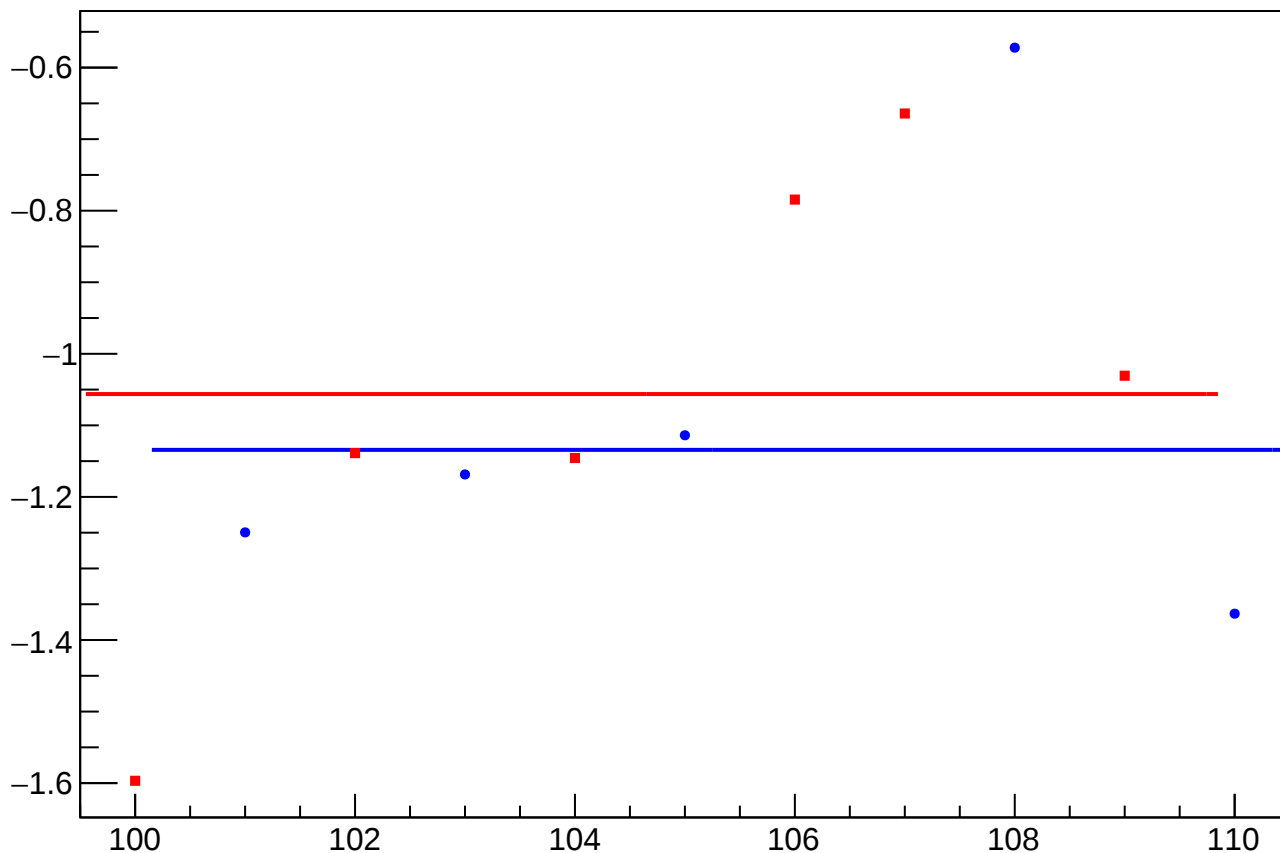
Right Out: 0.013+/-0.000 χ^2/NDF : 20659.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 27587.3/4

0.013+/-0.000 χ^2/NDF : 20659.4/5

yield_bpm0i02aY_mean vs slug



Right In: -1.134+/-0.000 χ^2/NDF : 1614437871.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

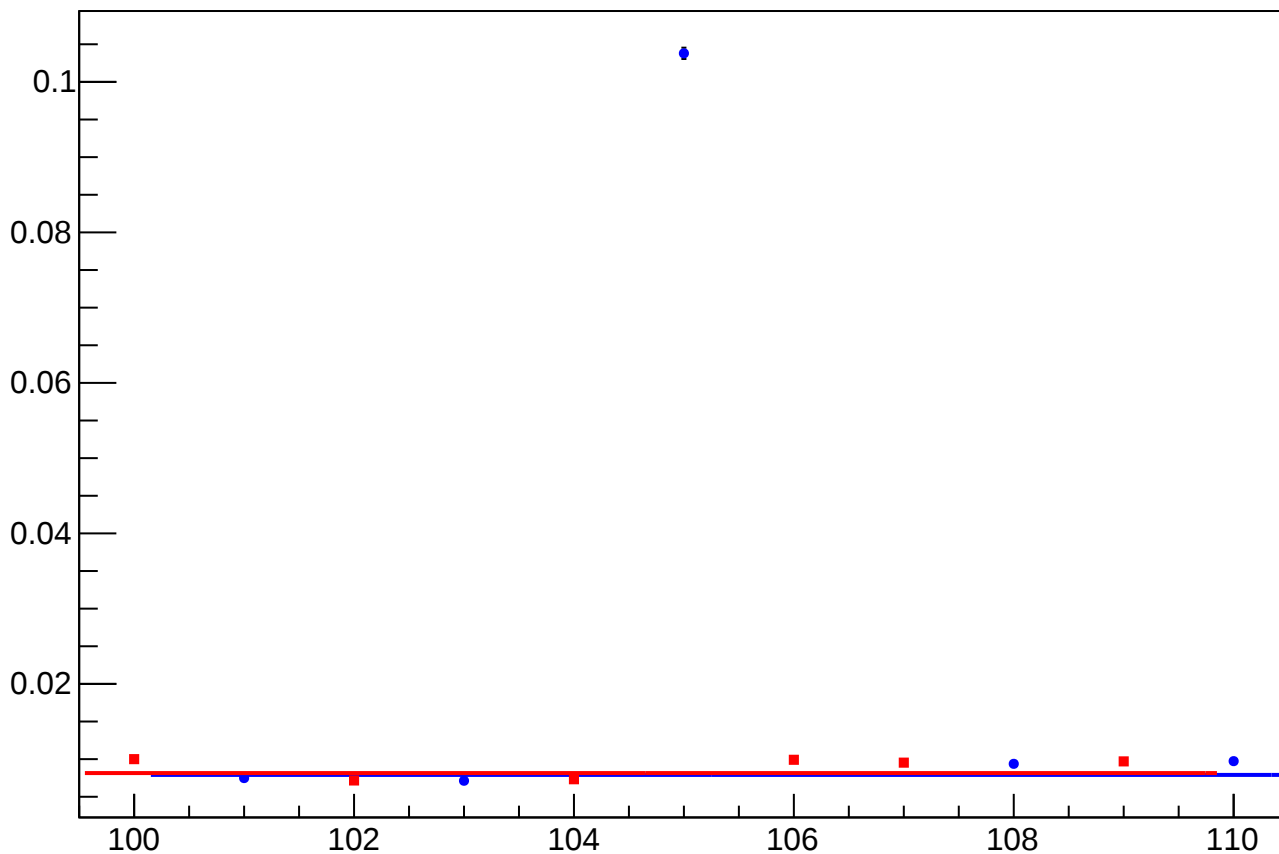
Right Out: -1.056+/-0.000 χ^2/NDF : 1006771175.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.134+/-0.000 χ^2/NDF : 1614437871.9/4

-1.056+/-0.000 χ^2/NDF : 1006771175.2/5

yield_bpm0i02aY_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 73483.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

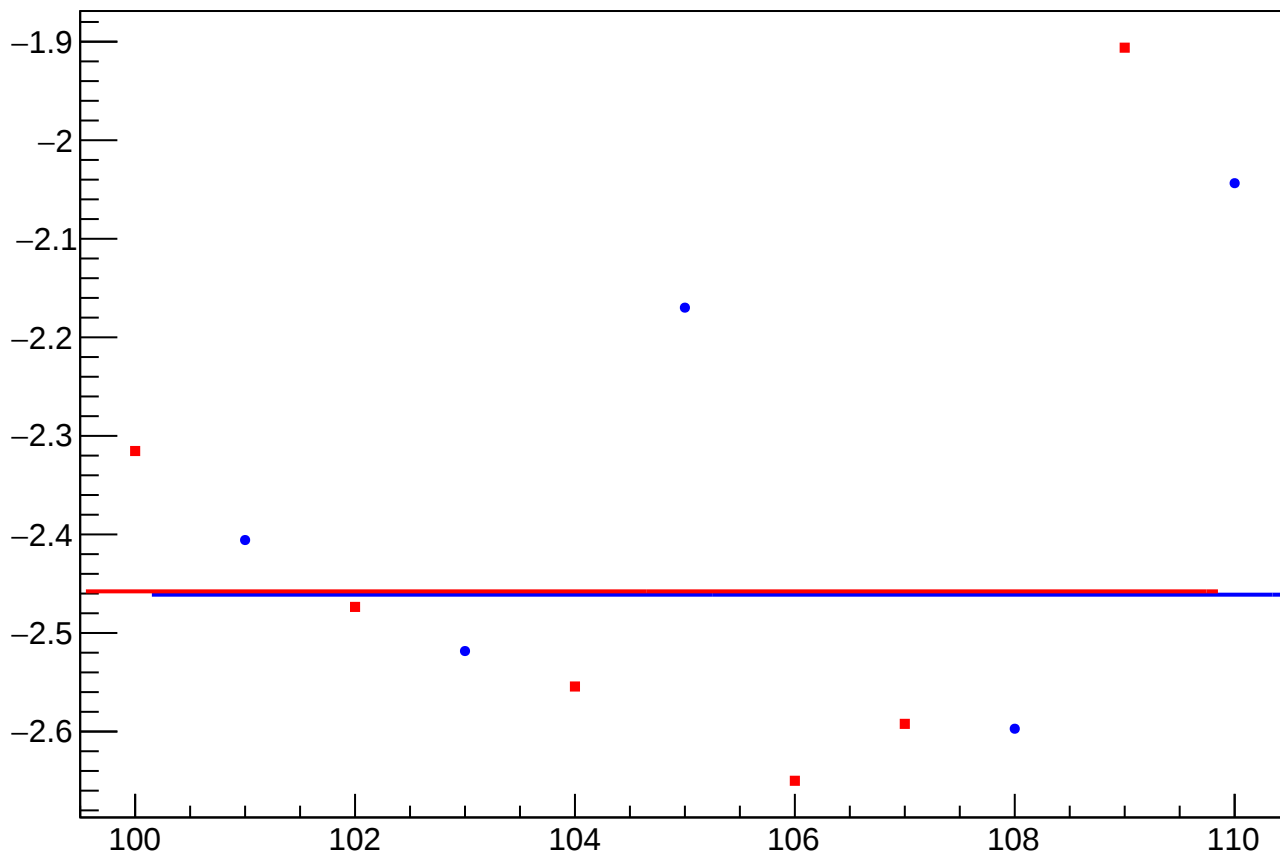
Right Out: 0.008+/-0.000 χ^2/NDF : 83928.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 73483.8/4

0.008+/-0.000 χ^2/NDF : 83928.1/5

yield_bpm0i05X_mean vs slug



Right In: -2.461+/-0.000 χ^2/NDF : 642419649.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

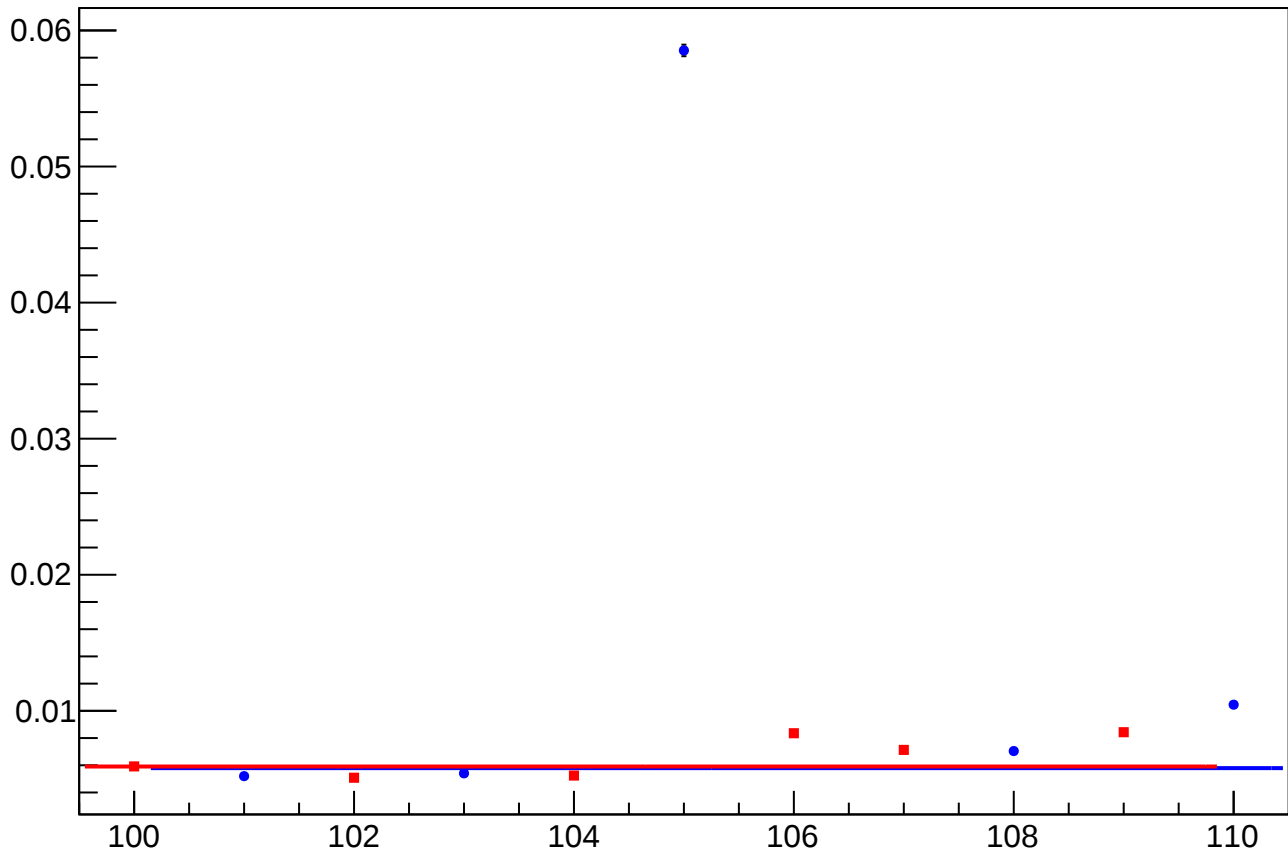
Right Out: -2.458+/-0.000 χ^2/NDF : 2098234499.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.461+/-0.000 χ^2/NDF : 642419649.1/4

-2.458+/-0.000 χ^2/NDF : 2098234499.1/5

yield_bpm0i05X_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 153444.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

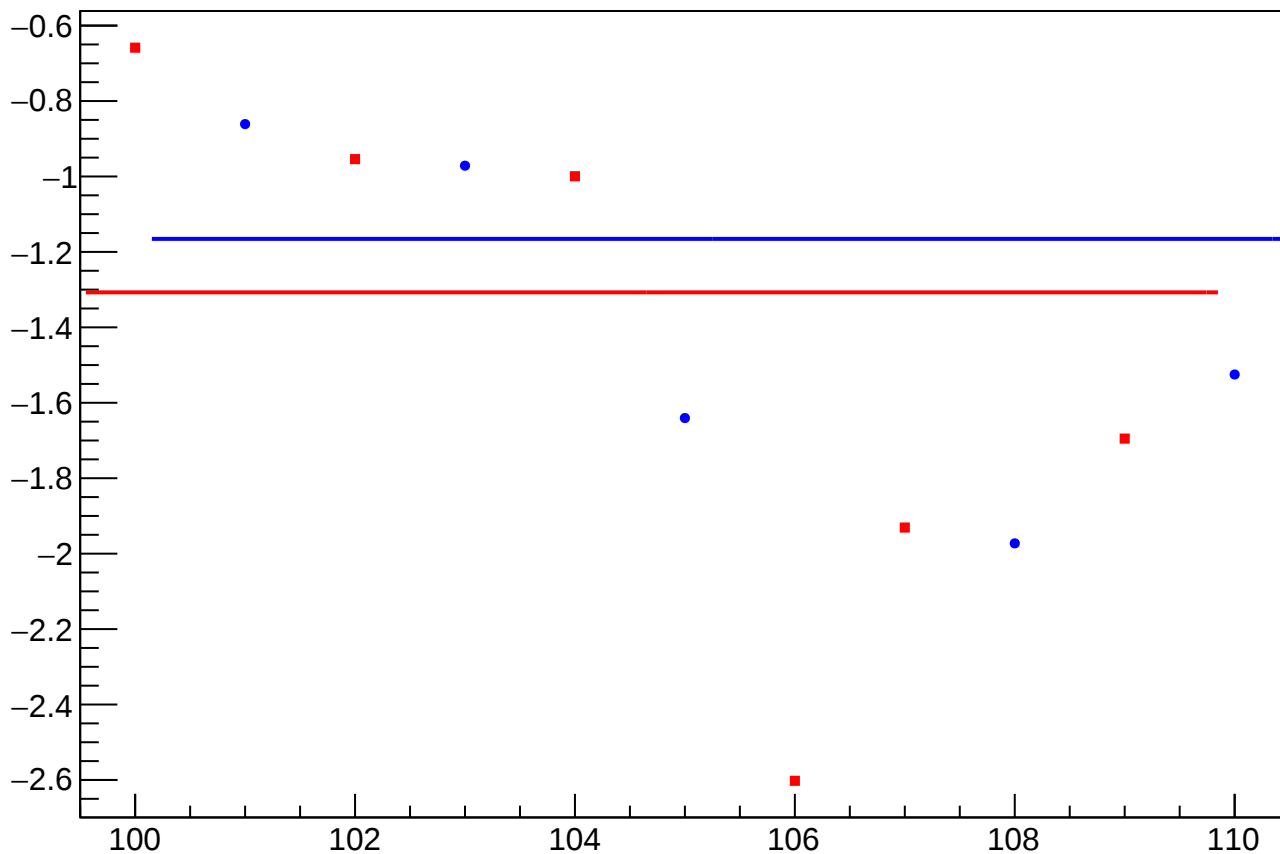
Right Out: 0.006+/-0.000 χ^2/NDF : 162232.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 153444.9/4

0.006+/-0.000 χ^2/NDF : 162232.4/5

yield_bpm0i05Y_mean vs slug



Right In: -1.165+/-0.000 χ^2/NDF : 9488580994.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

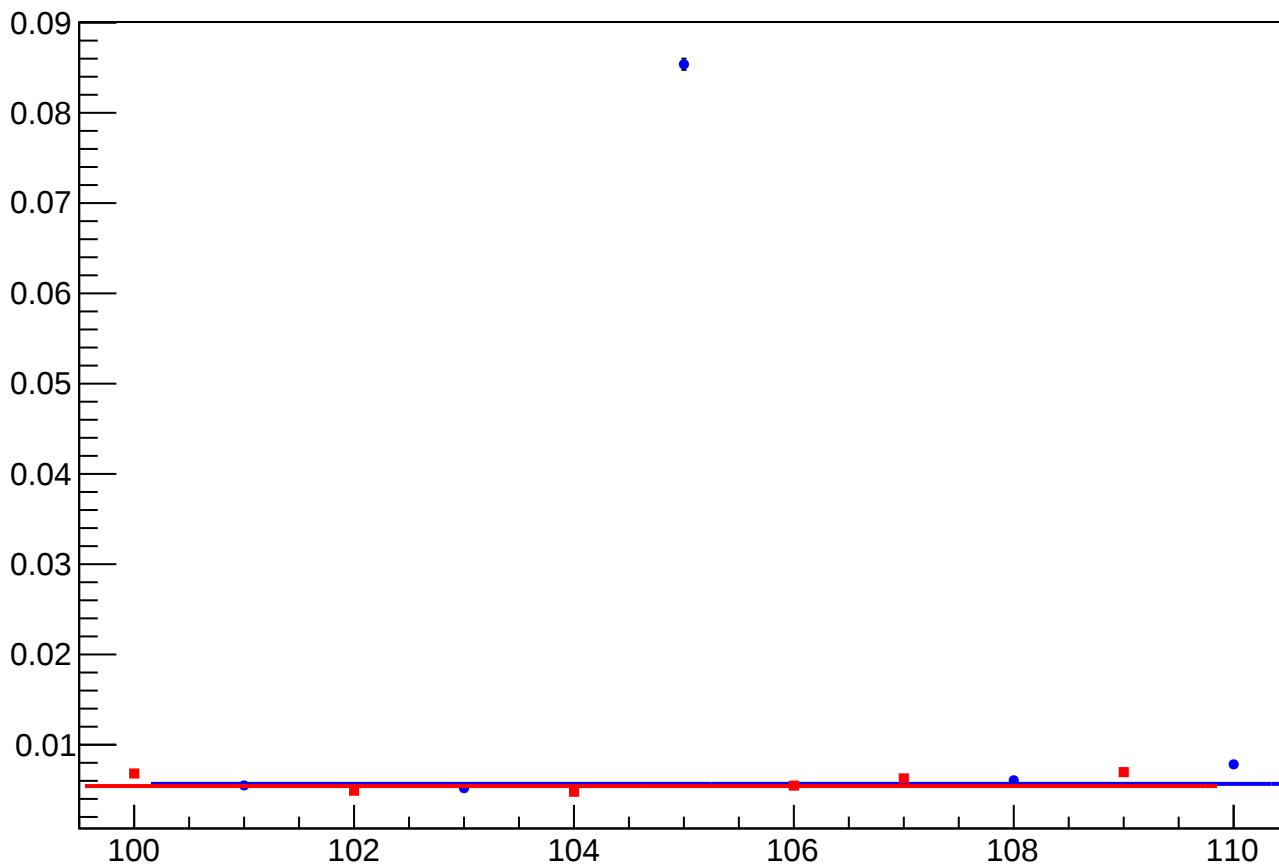
Right Out: -1.307+/-0.000 χ^2/NDF : 17085635072.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.165+/-0.000 χ^2/NDF : 9488580994.1/4

-1.307+/-0.000 χ^2/NDF : 17085635072.6/5

yield_bpm0i05Y_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 67798.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

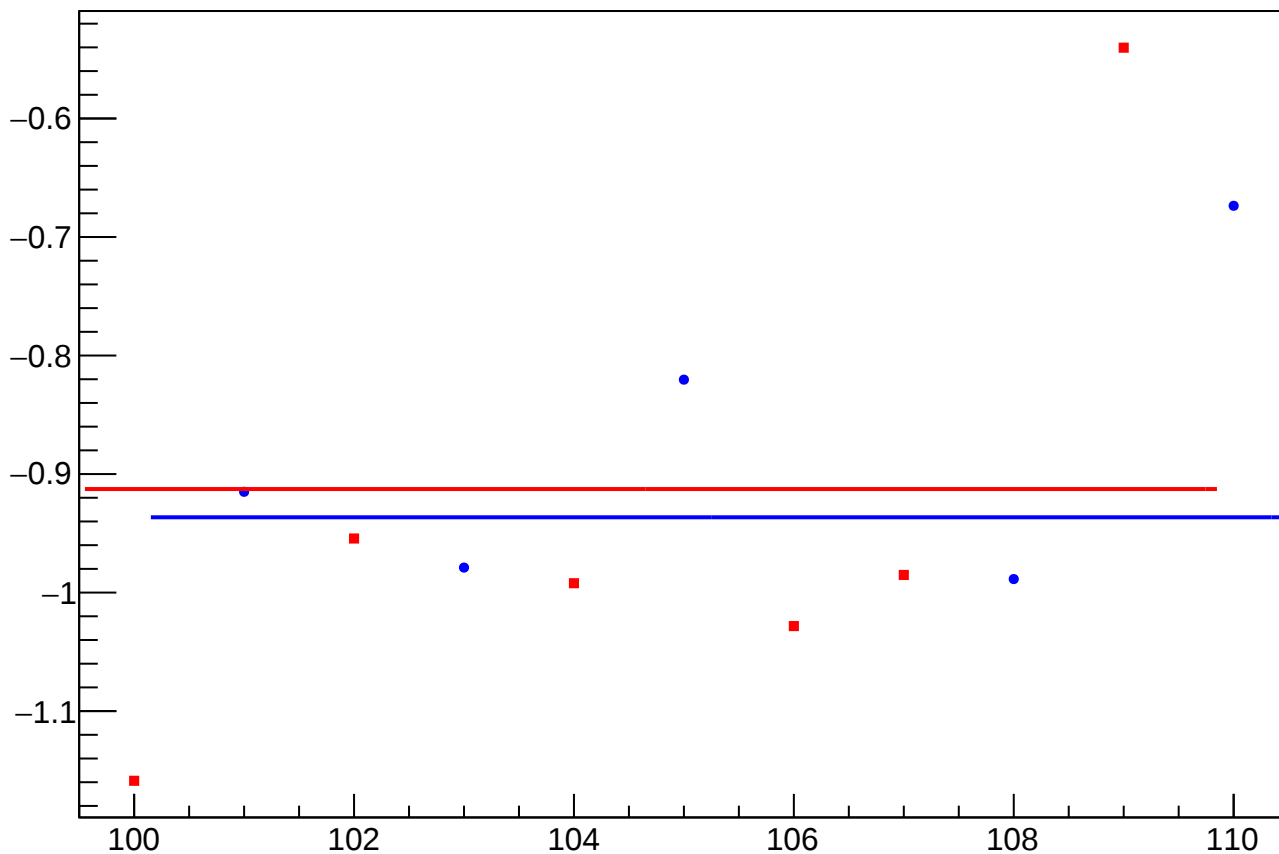
Right Out: 0.005+/-0.000 χ^2/NDF : 87534.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 67798.8/4

0.005+/-0.000 χ^2/NDF : 87534.0/5

yield_bpm0i07X_mean vs slug



Right In: -0.936+/-0.000 χ^2/NDF : 481822762.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

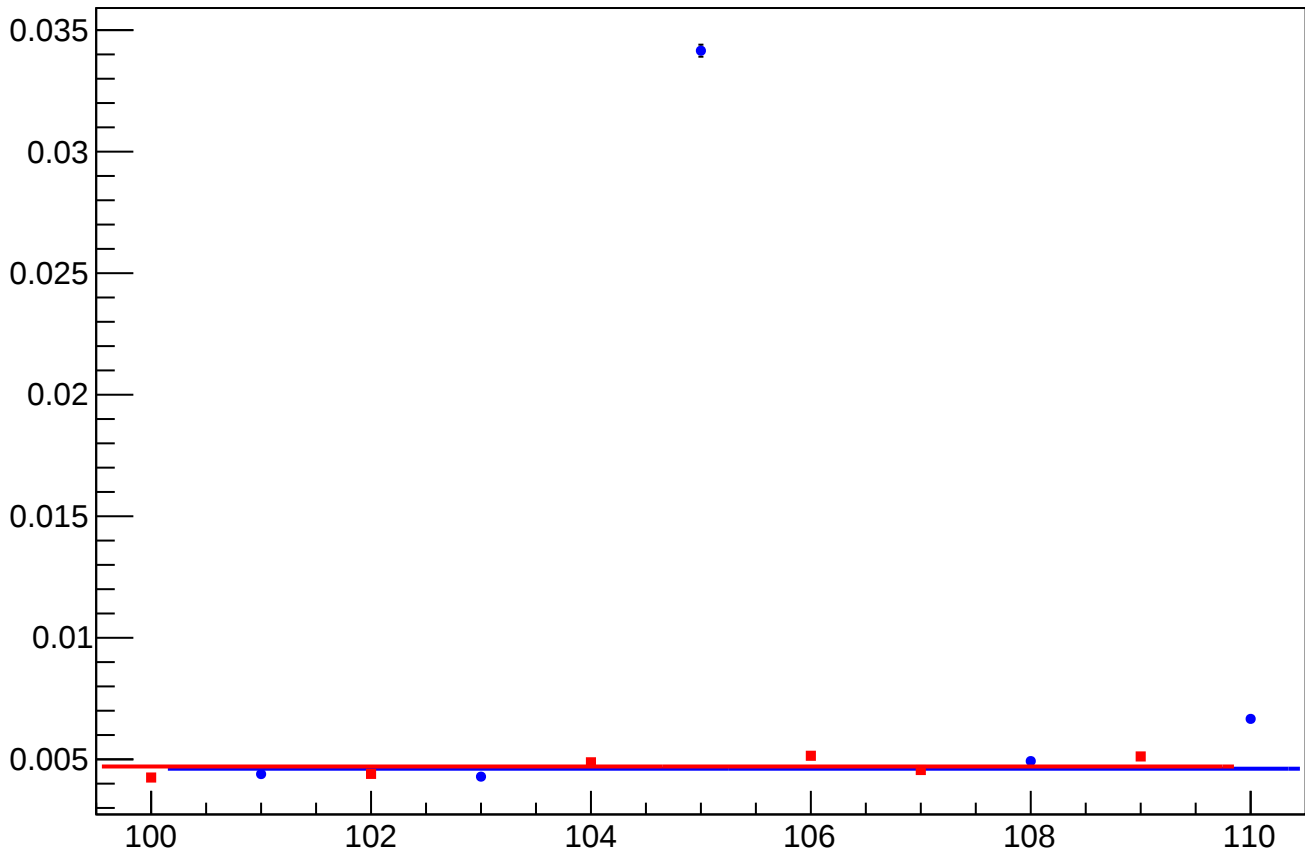
Right Out: -0.913+/-0.000 χ^2/NDF : 2670621055.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.936+/-0.000 χ^2/NDF : 481822762.1/4

-0.913+/-0.000 χ^2/NDF : 2670621055.6/5

yield_bpm0i07X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 71873.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

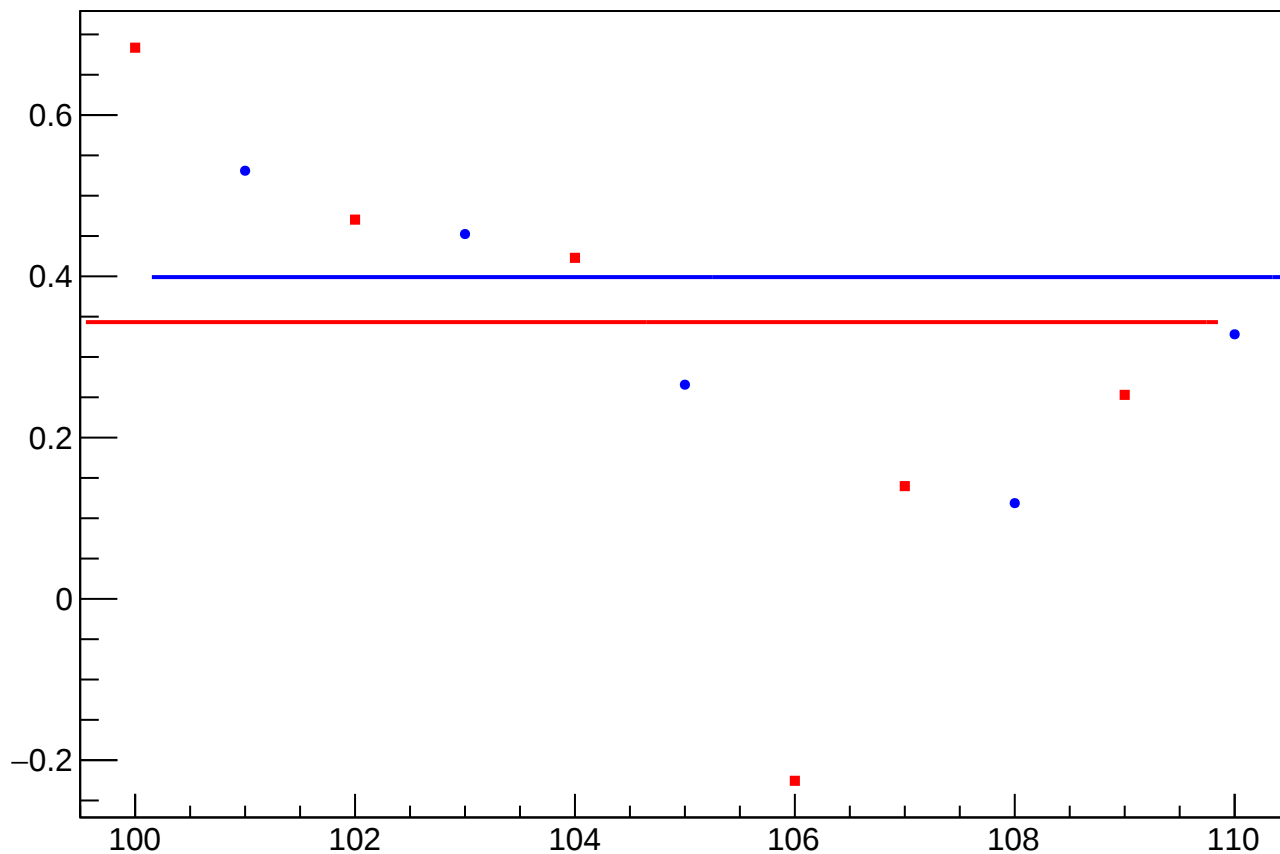
Right Out: 0.005+/-0.000 χ^2/NDF : 16136.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 71873.9/4

0.005+/-0.000 χ^2/NDF : 16136.8/5

yield_bpm0i07Y_mean vs slug



Right In: 0.399+/-0.000 χ^2/NDF : 2861413584.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

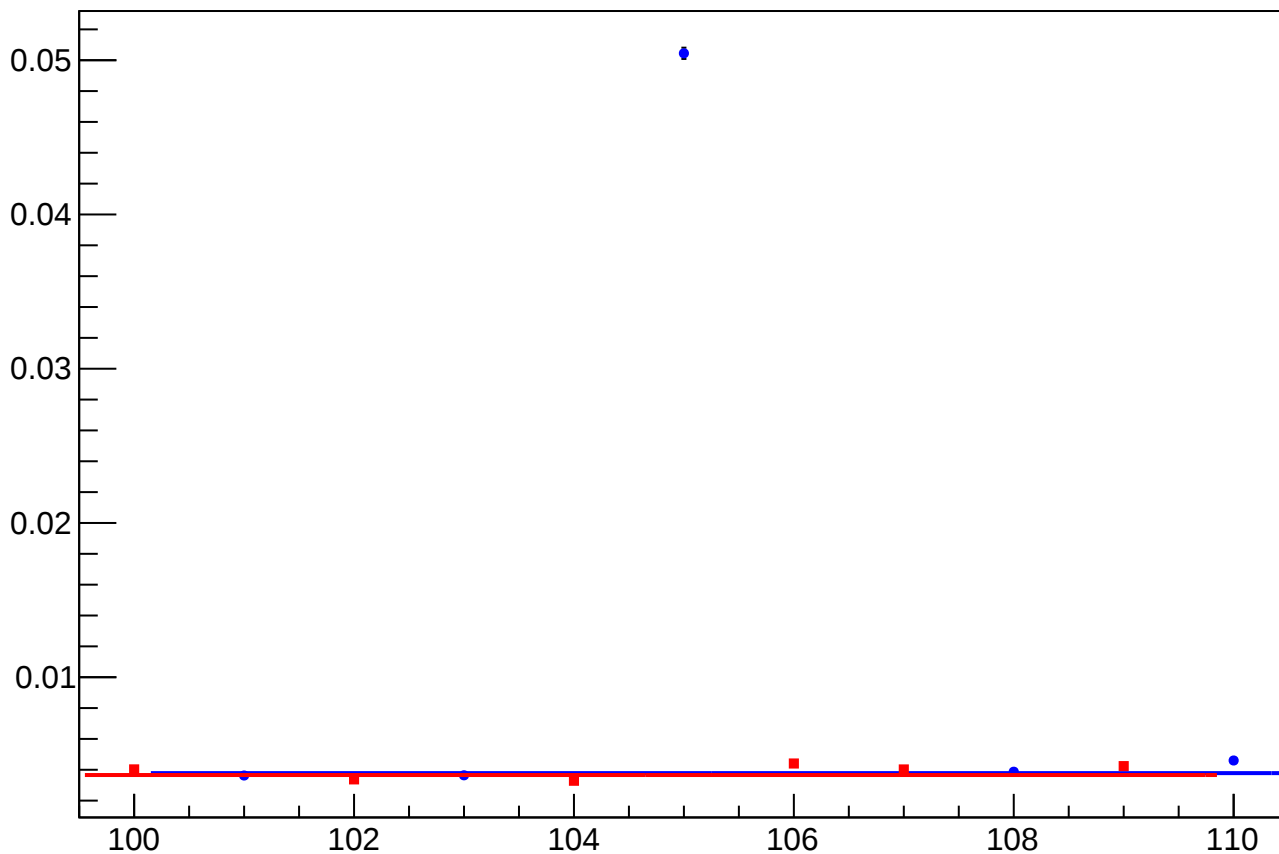
Right Out: 0.343+/-0.000 χ^2/NDF : 4835819434.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.399+/-0.000 χ^2/NDF : 2861413584.1/4

0.343+/-0.000 χ^2/NDF : 4835819434.2/5

yield_bpm0i07Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 36682.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

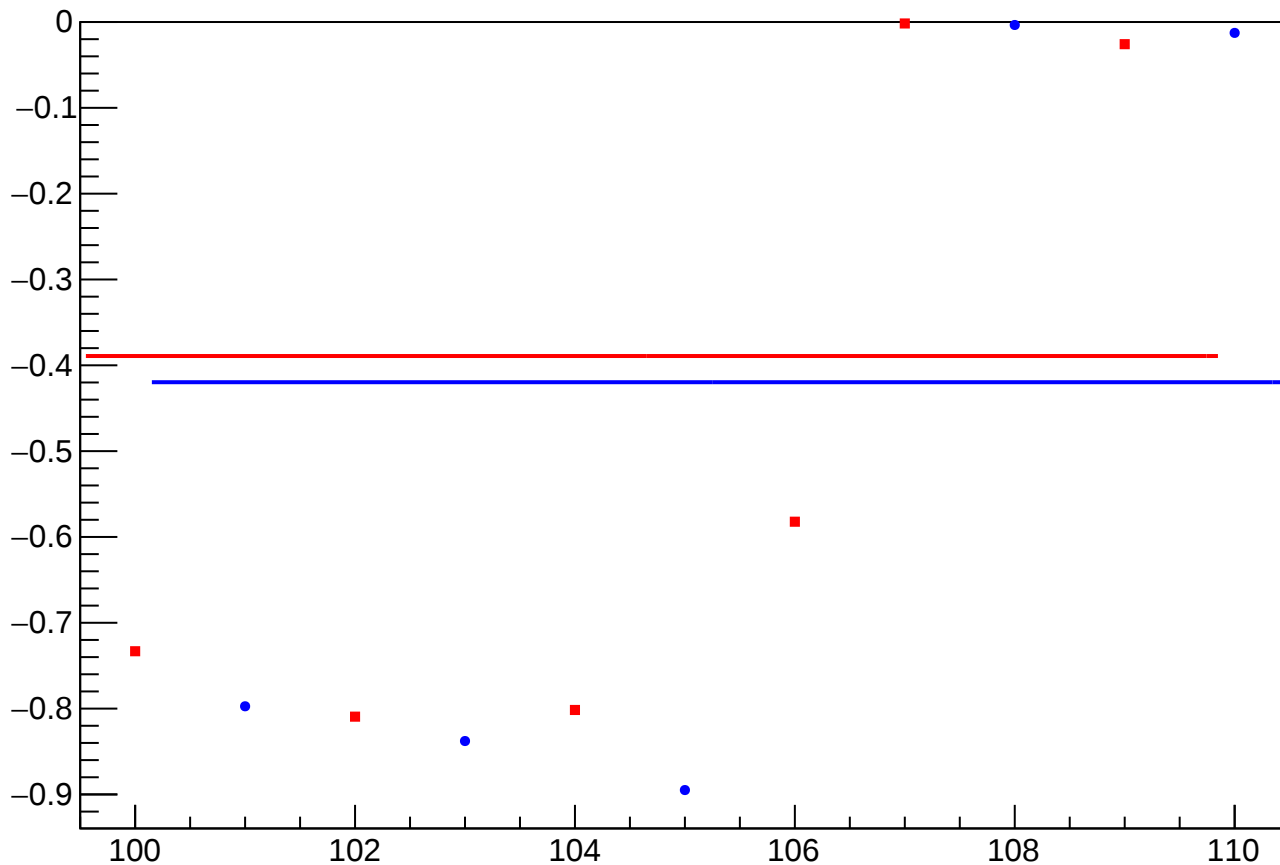
Right Out: 0.004+/-0.000 χ^2/NDF : 50110.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 36682.6/4

0.004+/-0.000 χ^2/NDF : 50110.3/5

yield_bpm1i02X_mean vs slug



Right In: -0.420+/-0.000 χ^2/NDF : 2537666647.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

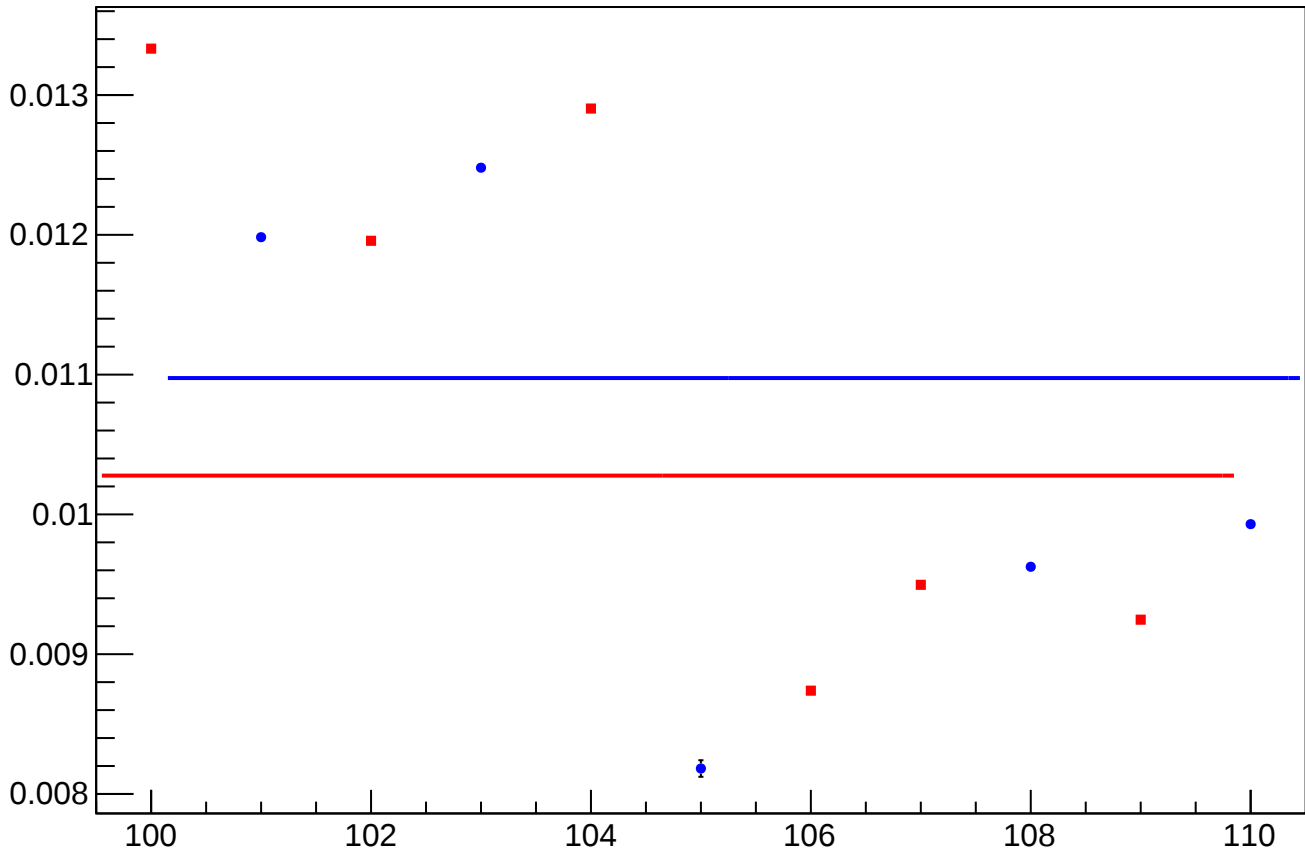
Right Out: -0.389+/-0.000 χ^2/NDF : 2756198795.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.420+/-0.000 χ^2/NDF : 2537666647.0/4

-0.389+/-0.000 χ^2/NDF : 2756198795.7/5

yield_bpm1i02X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 49488.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

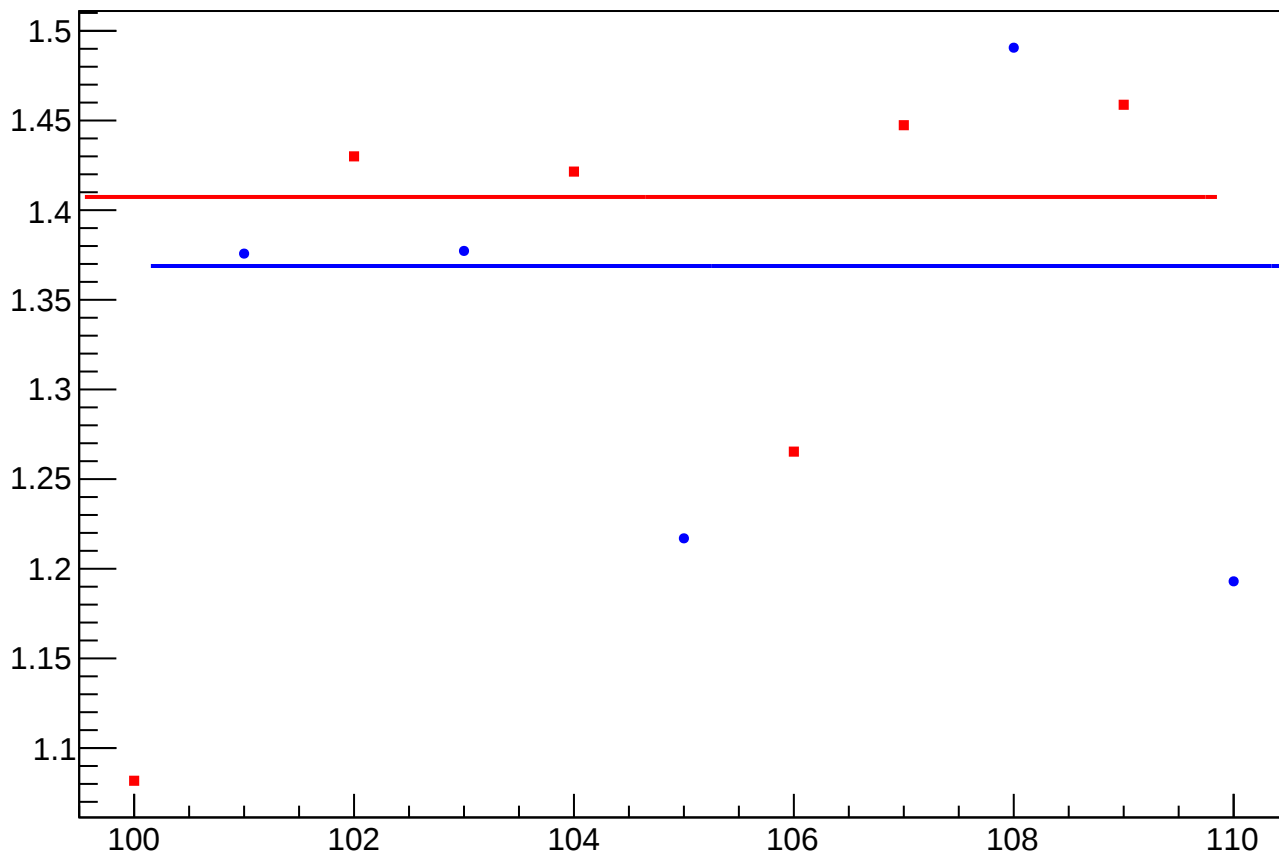
0.011+/-0.000 χ^2/NDF : 49488.0/4

Right Out: 0.010+/-0.000 χ^2/NDF : 105856.7/5

0.010+/-0.000 χ^2/NDF : 105856.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02Y_mean vs slug



Right In: 1.369+/-0.000 χ^2/NDF : 290253024.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

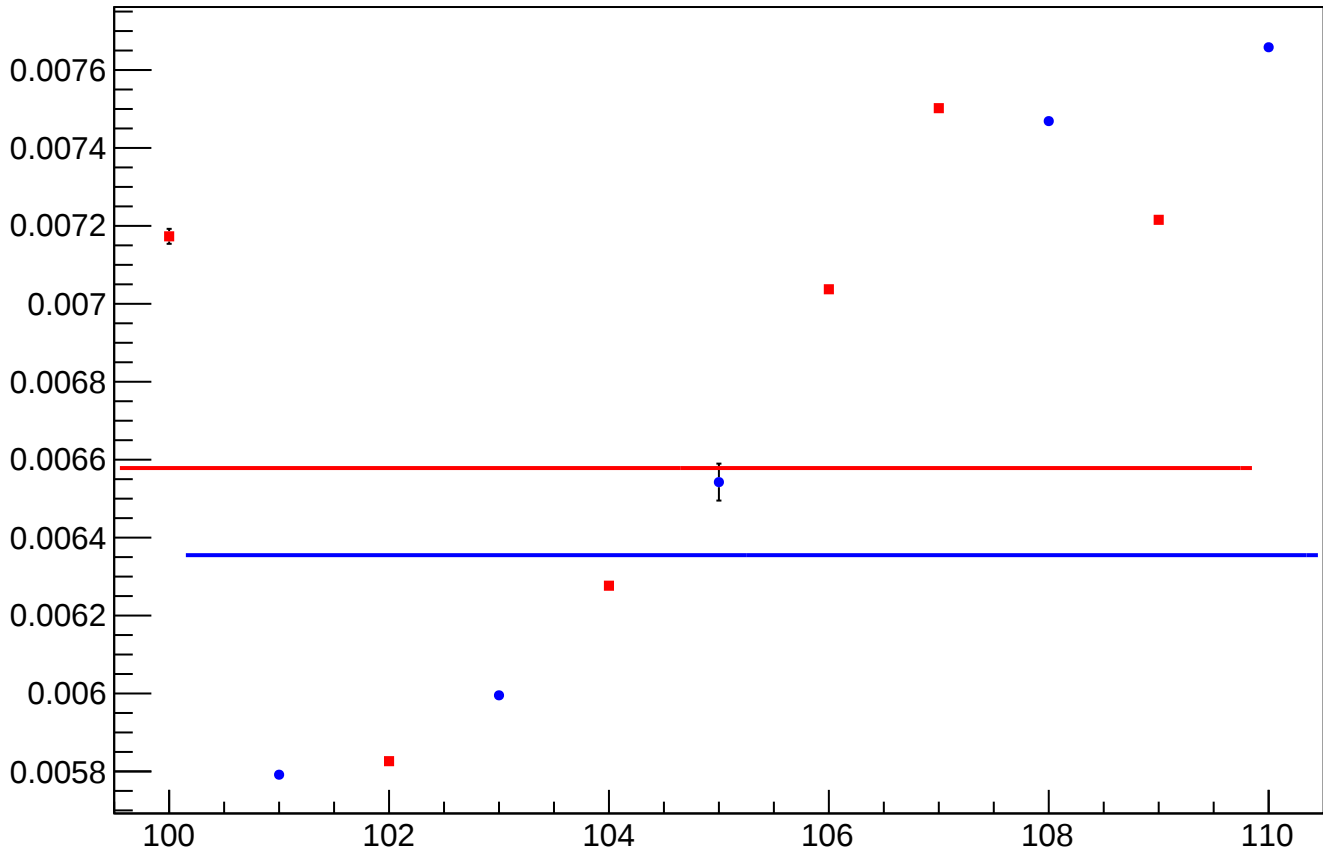
Right Out: 1.407+/-0.000 χ^2/NDF : 312236954.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.369+/-0.000 χ^2/NDF : 290253024.0/4

1.407+/-0.000 χ^2/NDF : 312236954.6/5

yield_bpm1i02Y_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 51838.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

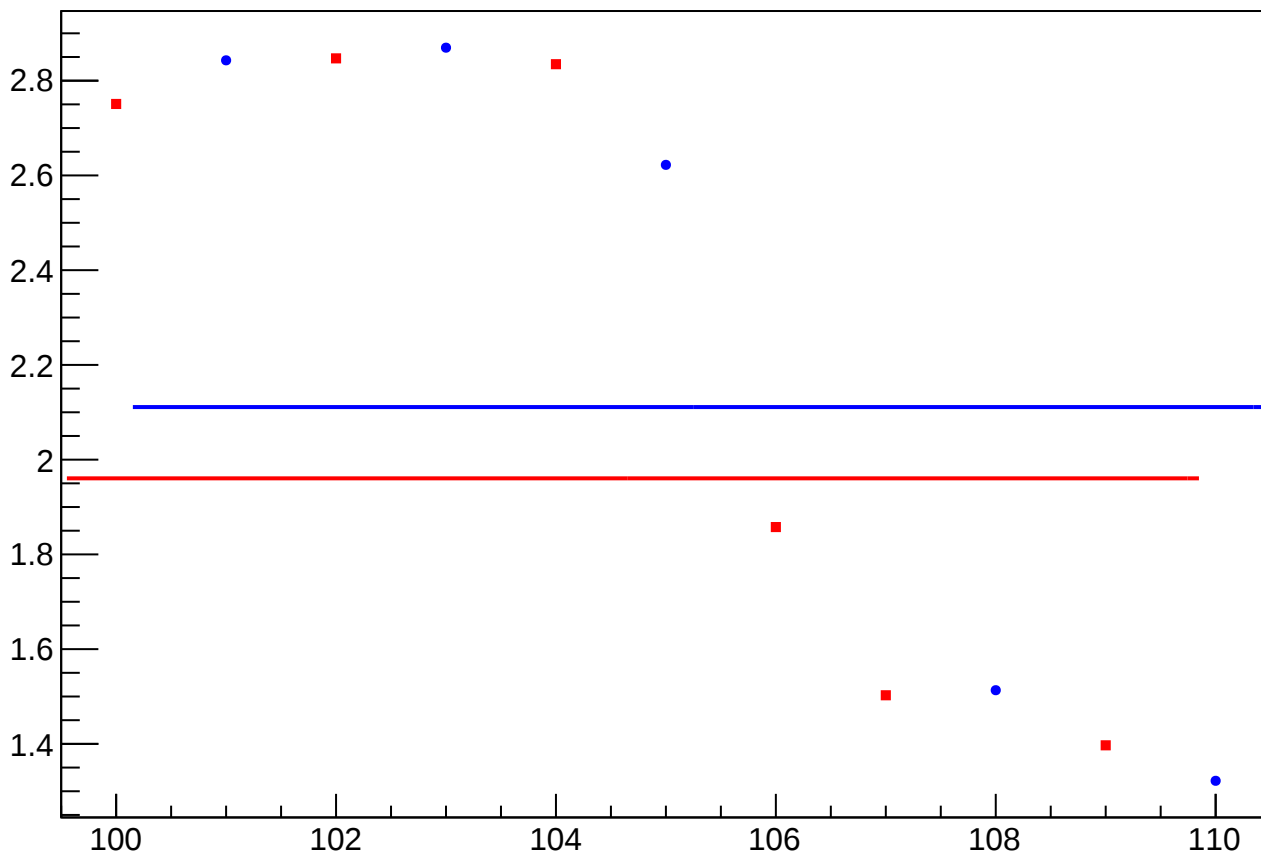
Right Out: 0.007+/-0.000 χ^2/NDF : 42509.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 51838.0/4

0.007+/-0.000 χ^2/NDF : 42509.4/5

yield_bpm1i04X_mean vs slug



Right In: 2.111+/-0.000 χ^2/NDF : 18802514001.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

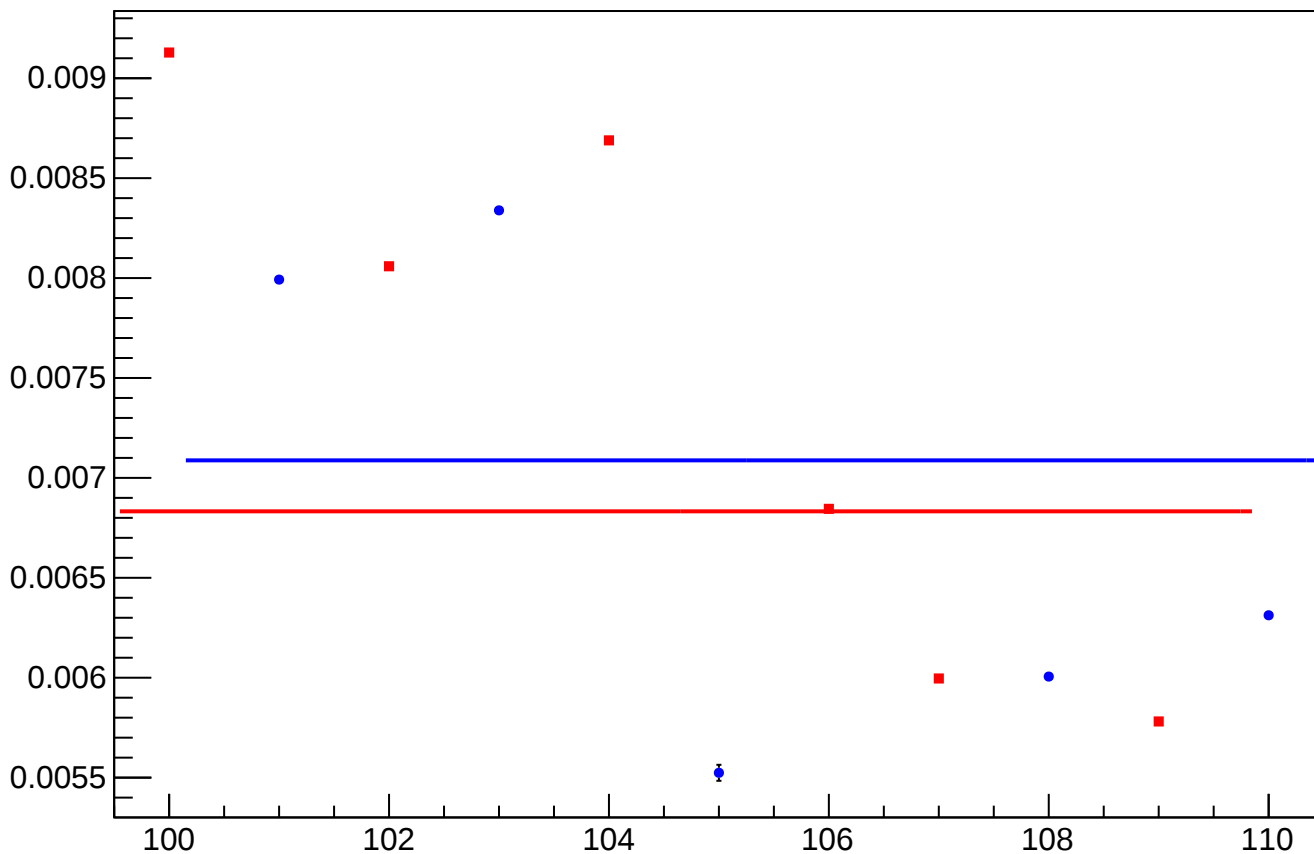
Right Out: 1.961+/-0.000 χ^2/NDF : 19124401355.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.111+/-0.000 χ^2/NDF : 18802514001.7/4

1.961+/-0.000 χ^2/NDF : 19124401355.8/5

yield_bpm1i04X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 76882.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

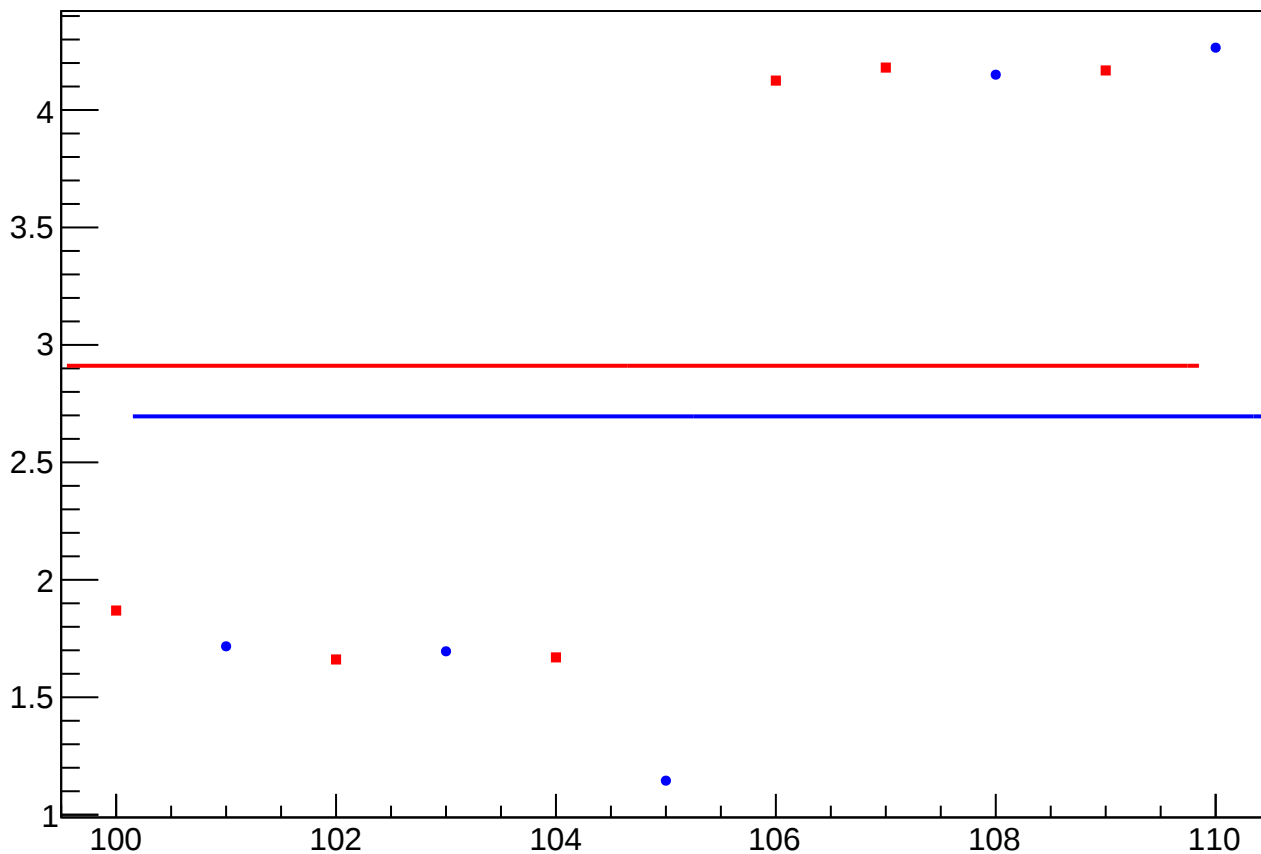
Right Out: 0.007+/-0.000 χ^2/NDF : 126823.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 76882.4/4

0.007+/-0.000 χ^2/NDF : 126823.8/5

yield_bpm1i04Y_mean vs slug



Right In: 2.696+/-0.000 χ^2/NDF : 101900914593.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

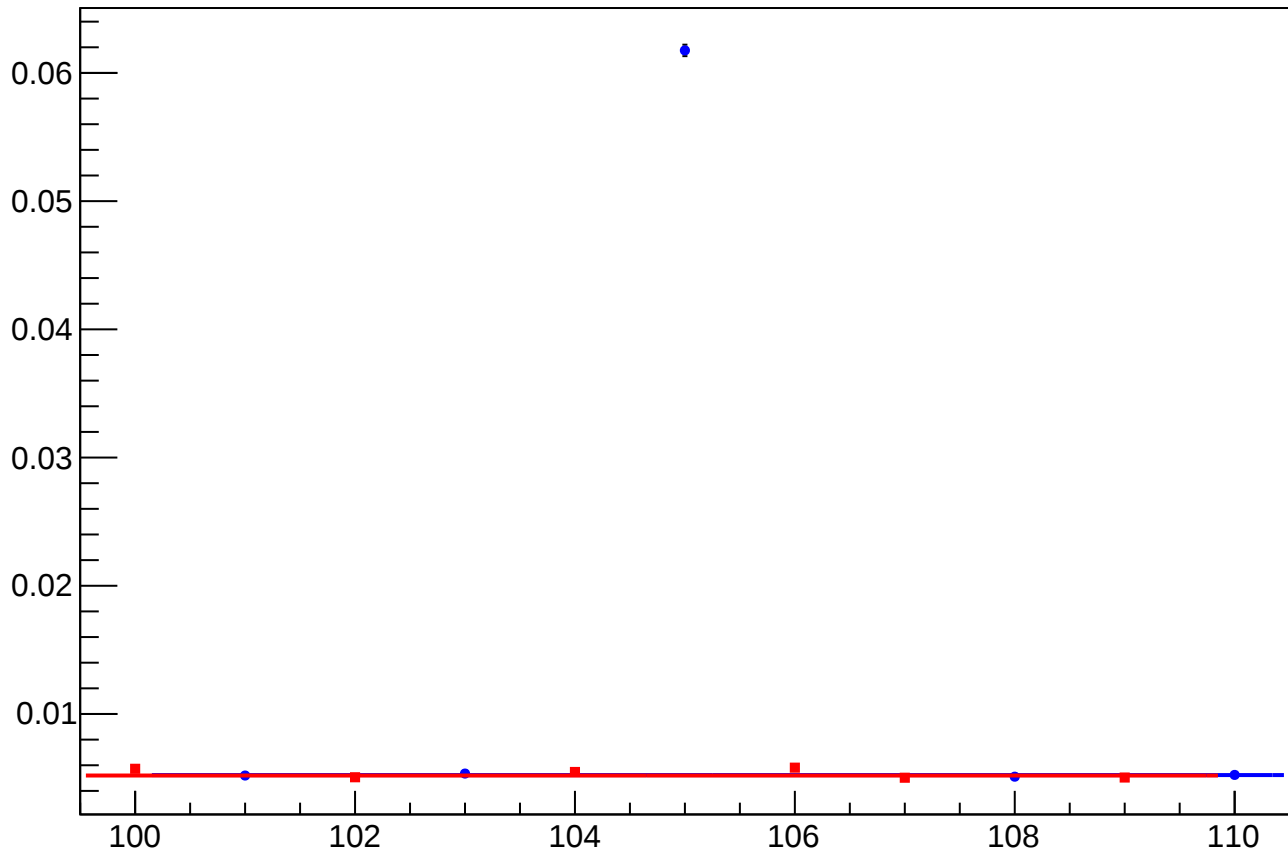
Right Out: 2.911+/-0.000 χ^2/NDF : 122293154920.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.696+/-0.000 χ^2/NDF : 101900914593.9/4

2.911+/-0.000 χ^2/NDF : 122293154920.6/5

yield_bpm1i04Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 17016.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

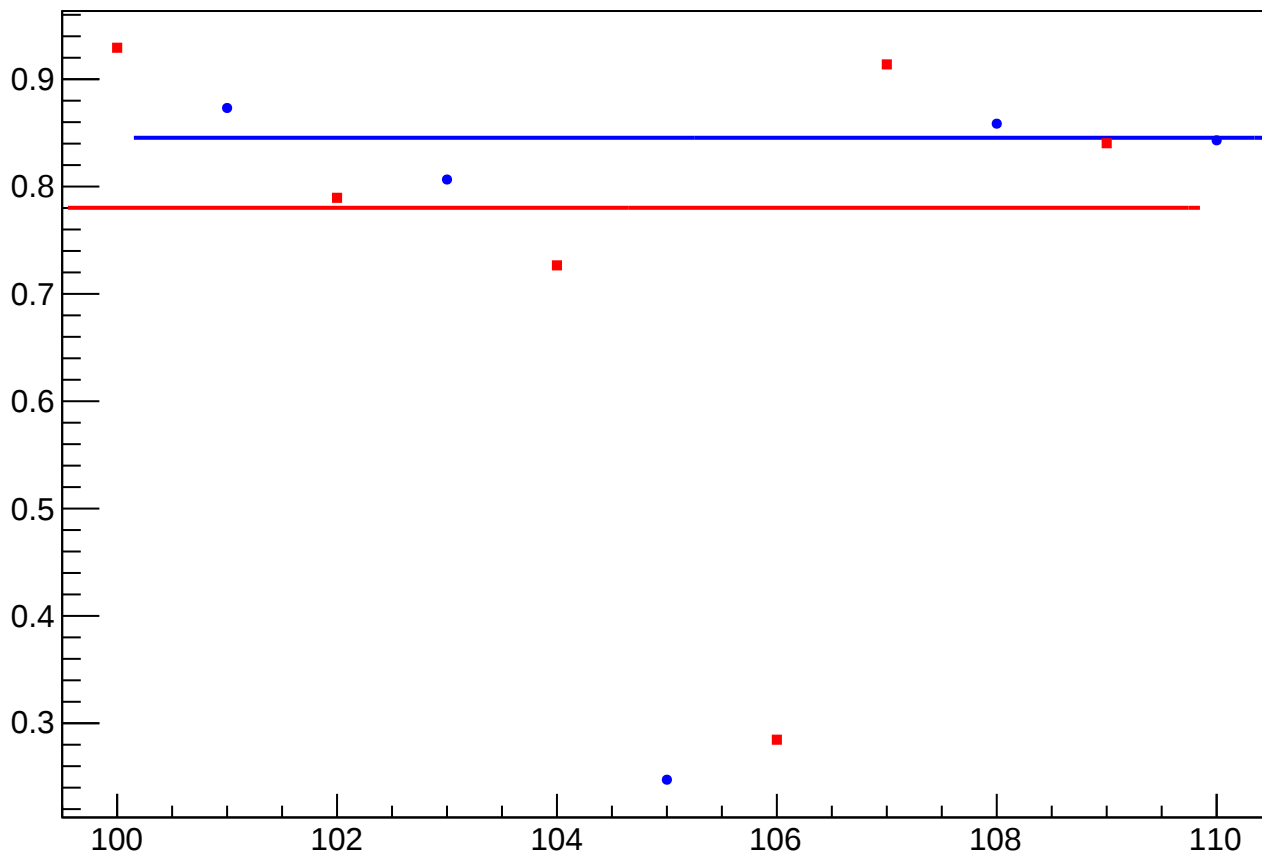
Right Out: 0.005+/-0.000 χ^2/NDF : 9773.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 17016.4/4

0.005+/-0.000 χ^2/NDF : 9773.8/5

yield_bpm1i06X_mean vs slug



Right In: 0.845+/-0.000 χ^2/NDF : 6543064.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

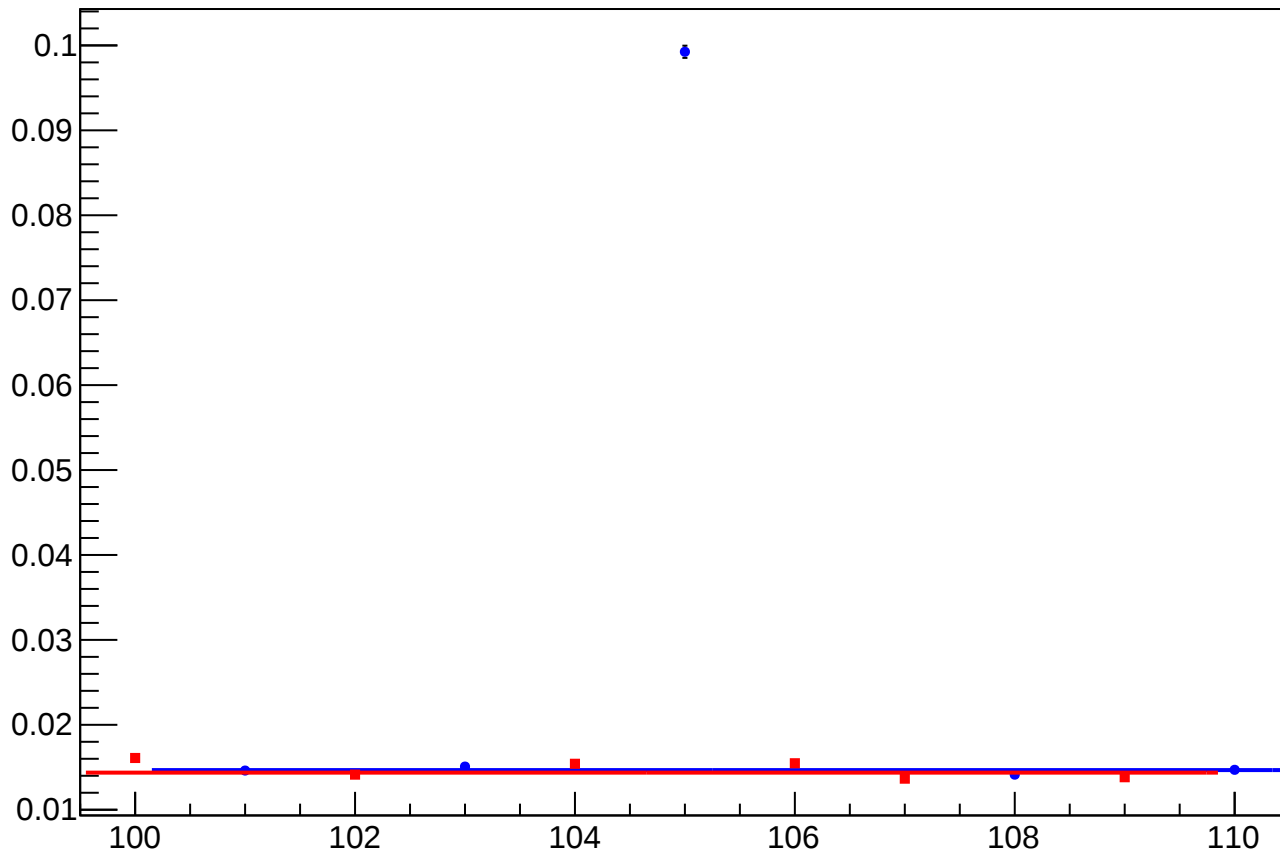
Right Out: 0.780+/-0.000 χ^2/NDF : 239350396.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.845+/-0.000 χ^2/NDF : 6543064.9/4

0.780+/-0.000 χ^2/NDF : 239350396.8/5

yield_bpm1i06X_rms vs slug



Right In: 0.015+/-0.000 χ^2/NDF : 15781.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

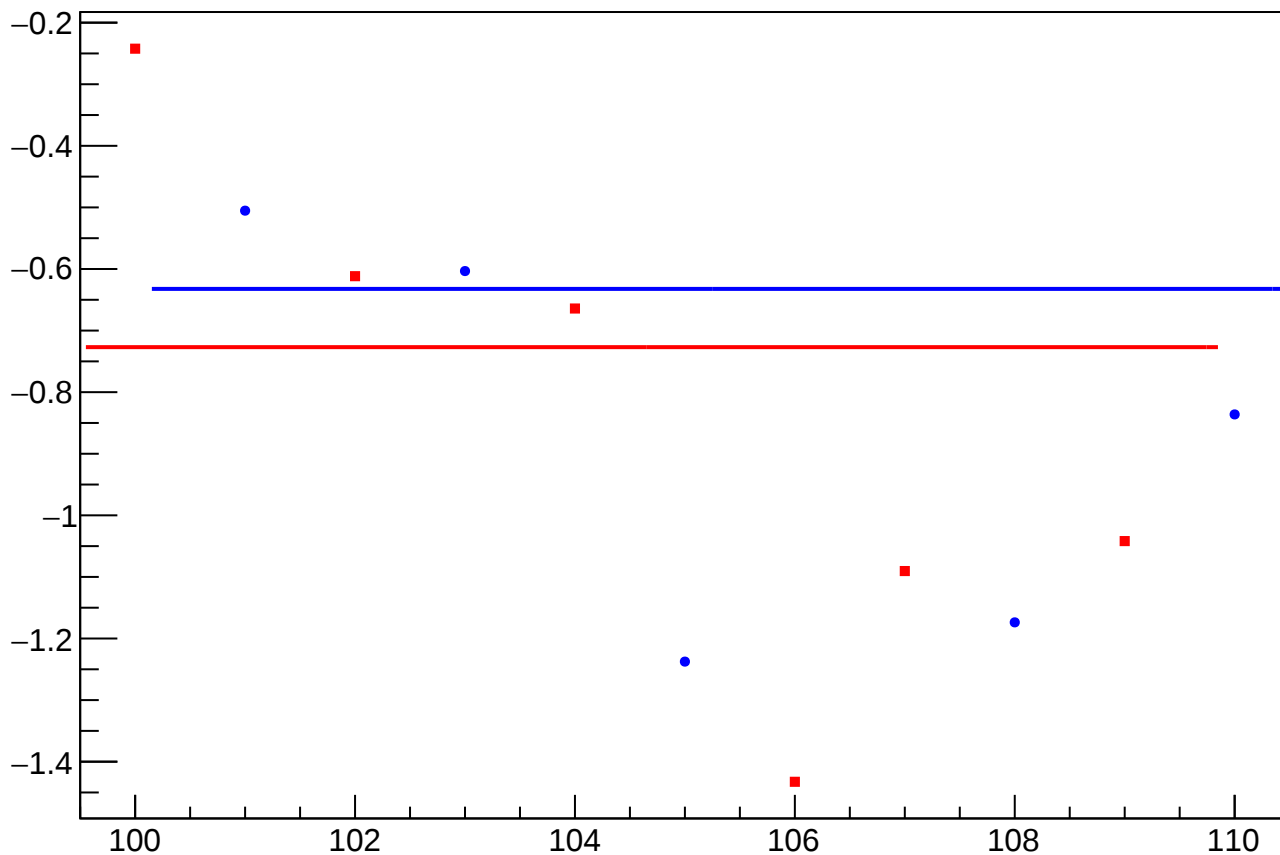
Right Out: 0.014+/-0.000 χ^2/NDF : 11710.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 15781.5/4

0.014+/-0.000 χ^2/NDF : 11710.0/5

yield_bpm1i06Y_mean vs slug



Right In: -0.632+/-0.000 χ^2/NDF : 3187633904.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

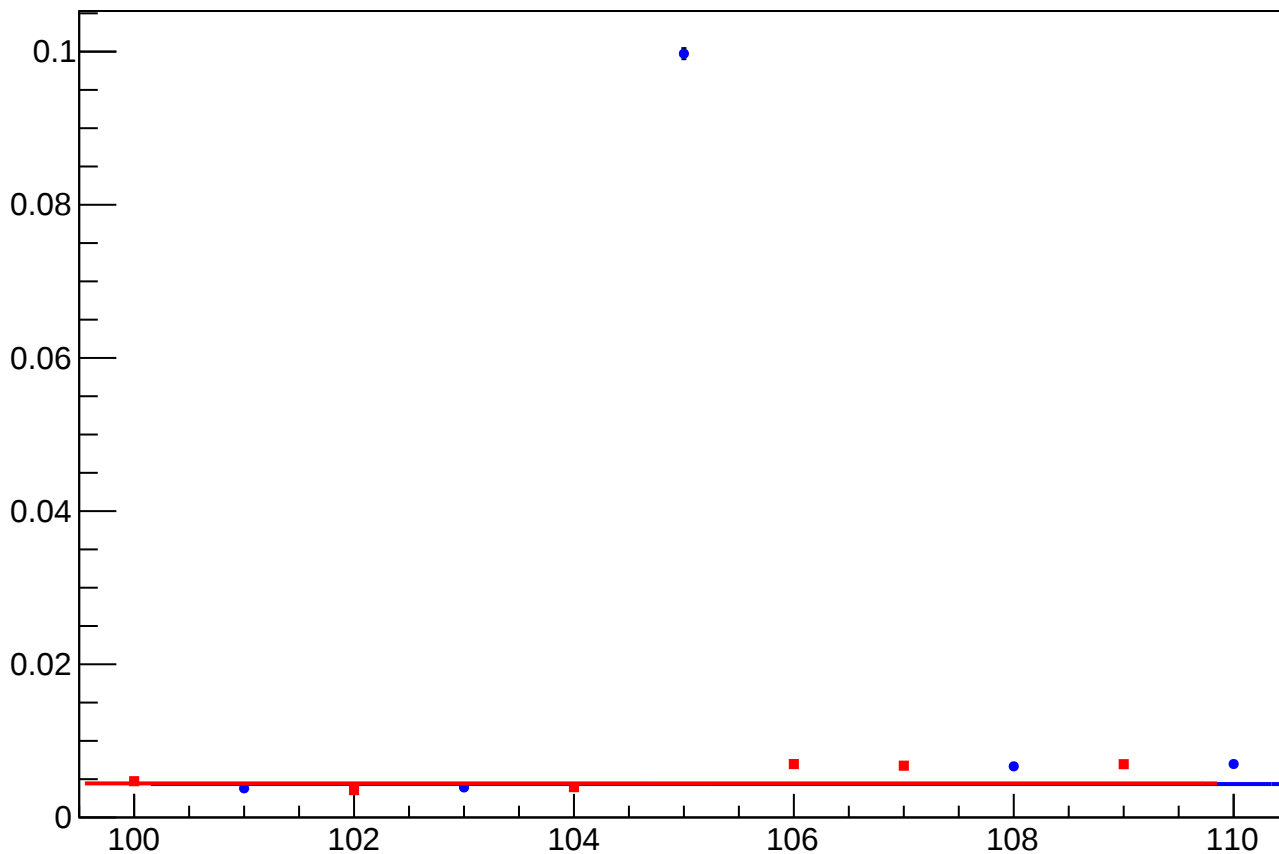
Right Out: -0.727+/-0.000 χ^2/NDF : 4767193018.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.632+/-0.000 χ^2/NDF : 3187633904.8/4

-0.727+/-0.000 χ^2/NDF : 4767193018.8/5

yield_bpm1i06Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 227370.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

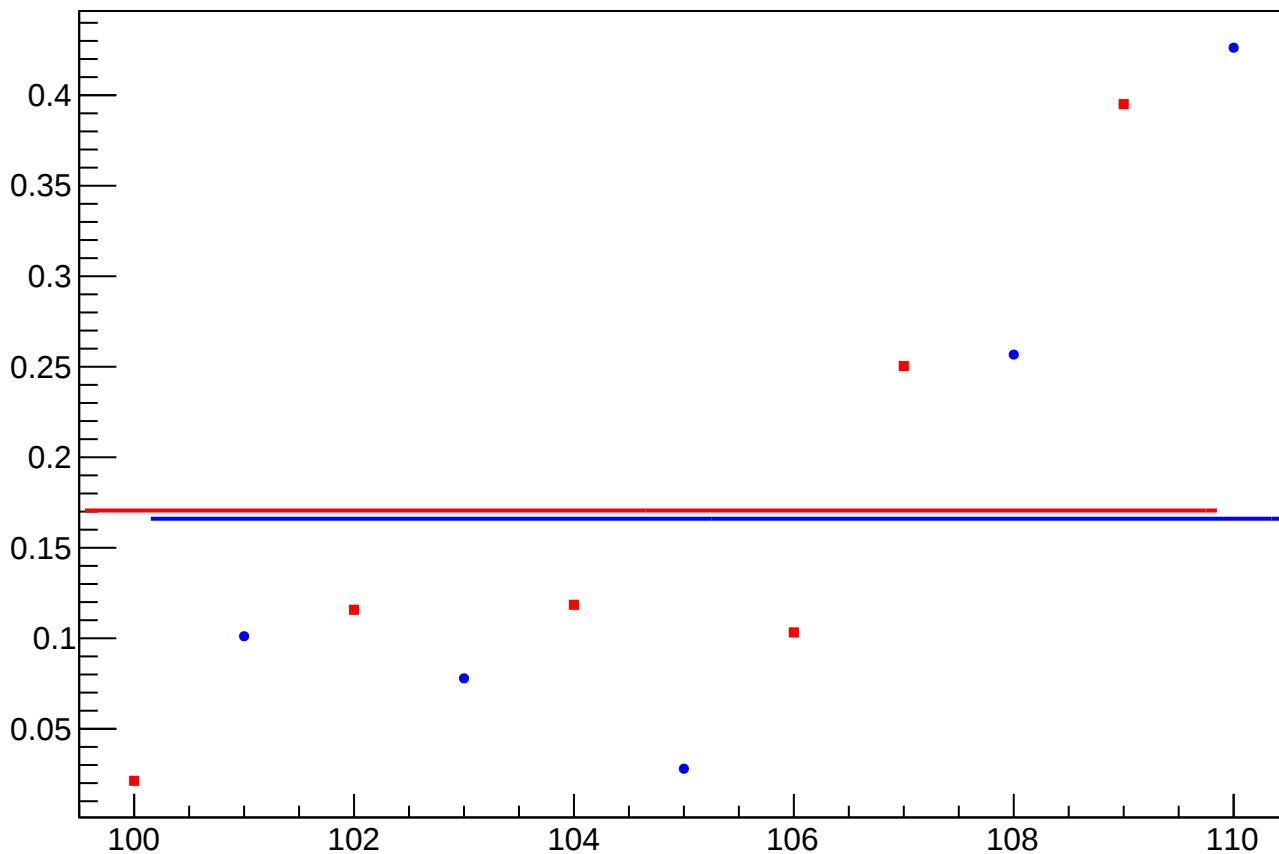
Right Out: 0.004+/-0.000 χ^2/NDF : 318257.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 227370.3/4

0.004+/-0.000 χ^2/NDF : 318257.0/5

yield_bpm2i01X_mean vs slug



Right In: 0.166+/-0.000 χ^2/NDF : 9613218056.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

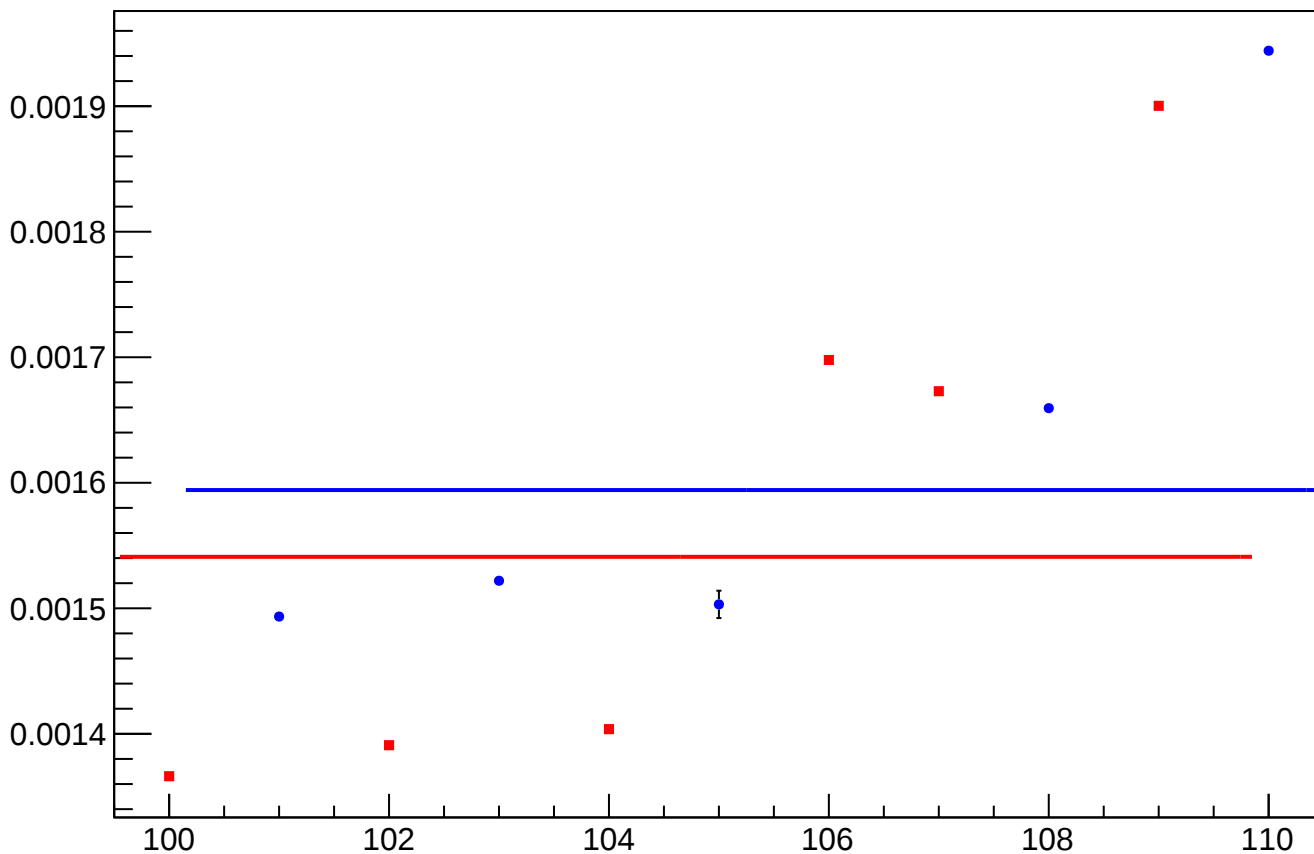
0.166+/-0.000 χ^2/NDF : 9613218056.8/4

Right Out: 0.171+/-0.000 χ^2/NDF : 10384812906.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.171+/-0.000 χ^2/NDF : 10384812906.0/5

yield_bpm2i01X_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 28837.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

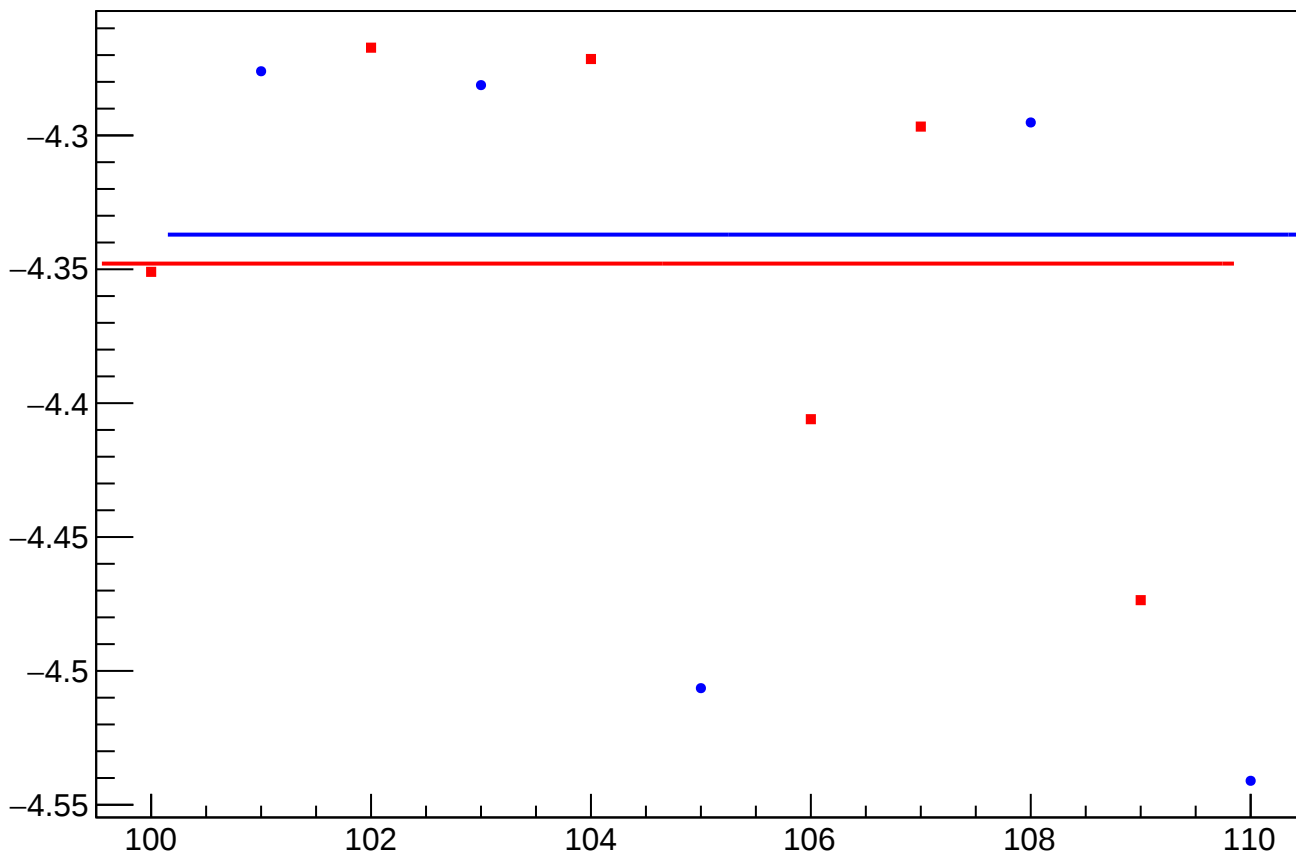
Right Out: 0.002+/-0.000 χ^2/NDF : 68091.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 28837.7/4

0.002+/-0.000 χ^2/NDF : 68091.1/5

yield_bpm2i01Y_mean vs slug



Right In: -4.337+/-0.000 χ^2/NDF : 6110350183.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

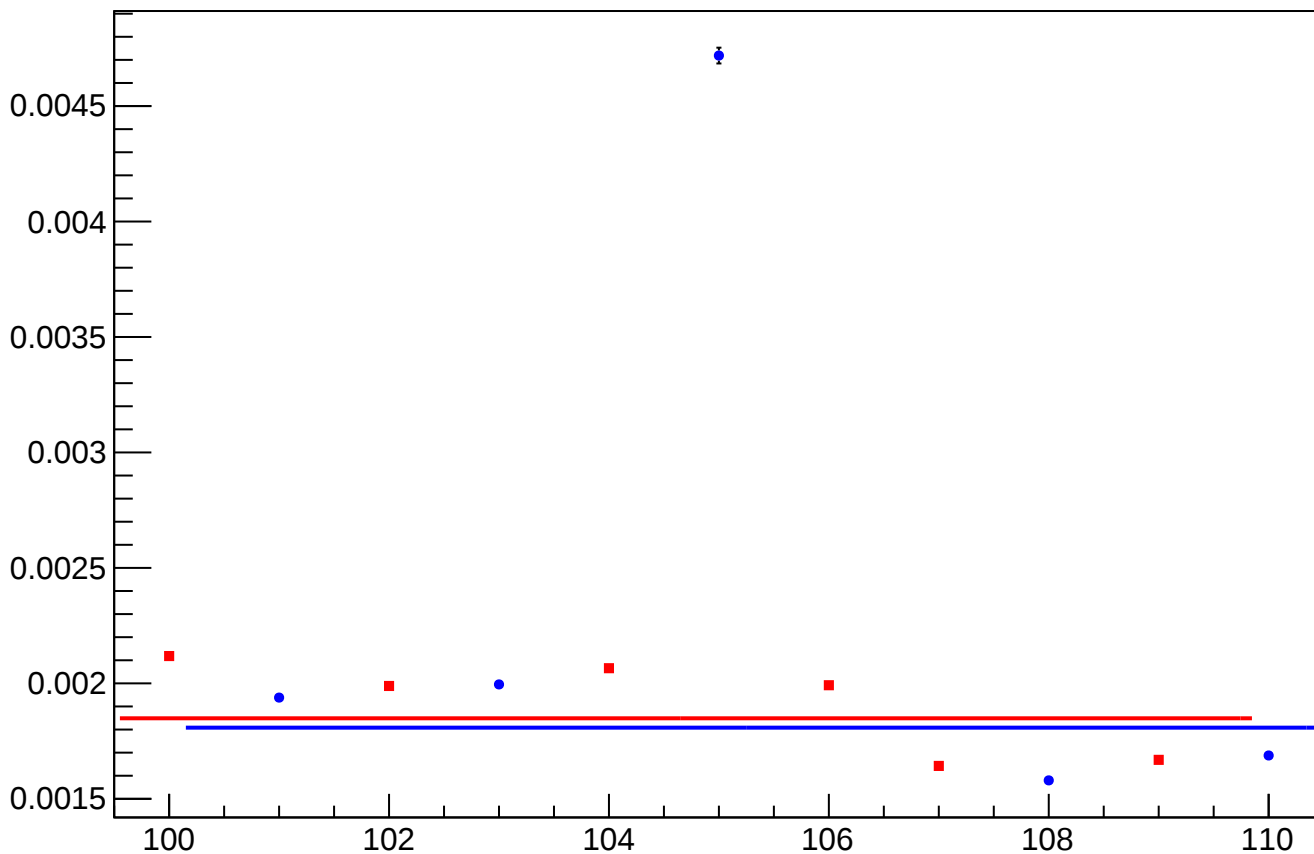
Right Out: -4.348+/-0.000 χ^2/NDF : 4951461808.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.337+/-0.000 χ^2/NDF : 6110350183.0/4

-4.348+/-0.000 χ^2/NDF : 4951461808.8/5

yield_bpm2i01Y_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 41409.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

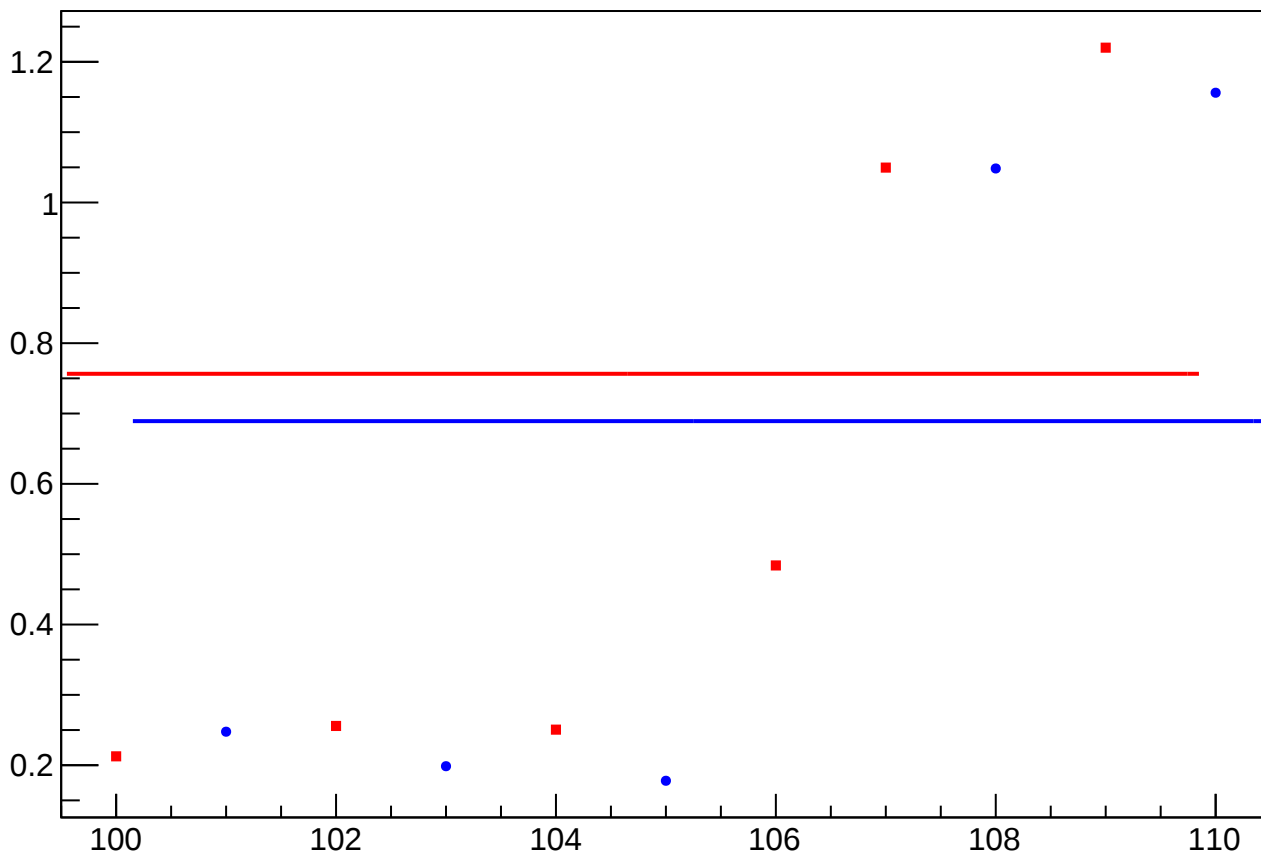
Right Out: 0.002+/-0.000 χ^2/NDF : 43825.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 41409.6/4

0.002+/-0.000 χ^2/NDF : 43825.9/5

yield_bpm2i02X_mean vs slug



Right In: 0.689+/-0.000 χ^2/NDF : 6137681625.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

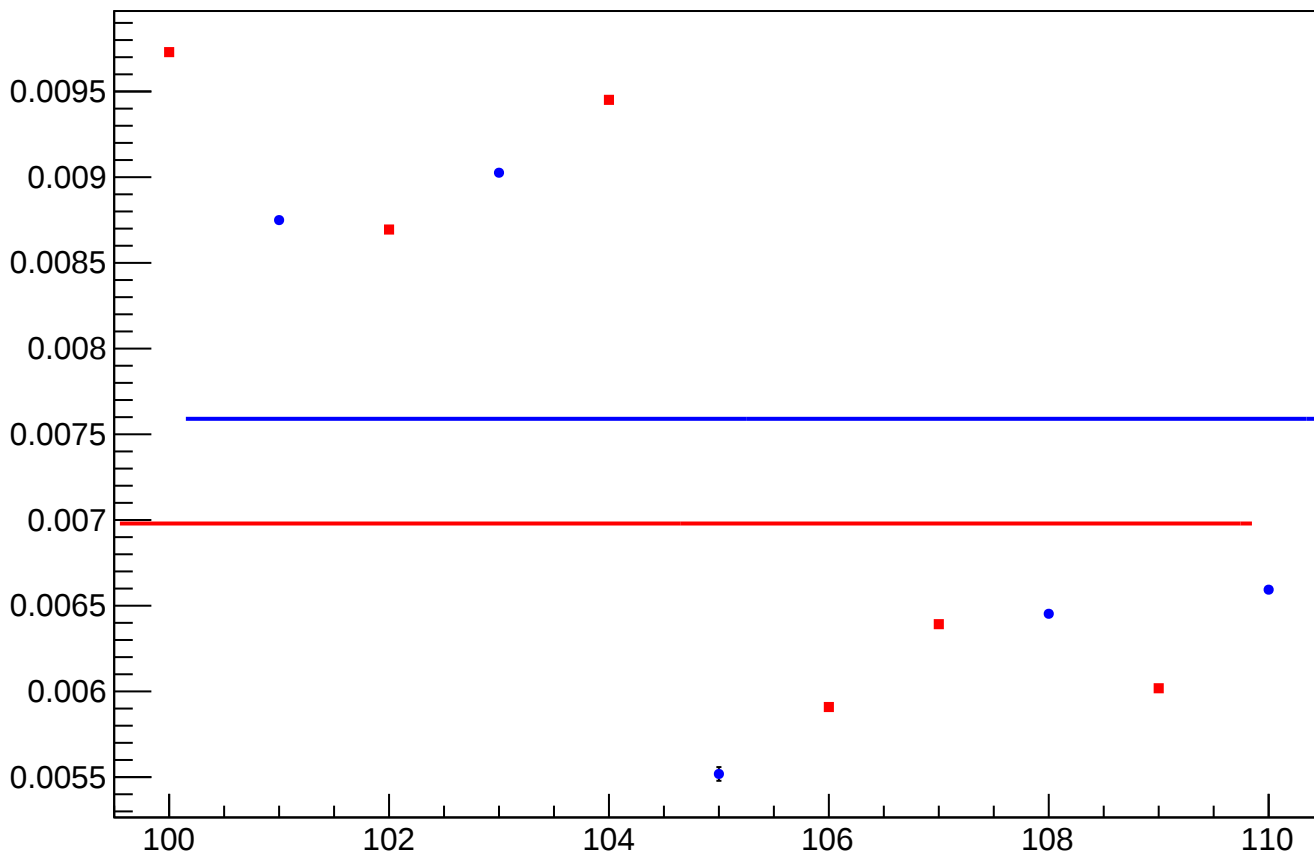
0.689+/-0.000 χ^2/NDF : 6137681625.9/4

Right Out: 0.756+/-0.000 χ^2/NDF : 7891600178.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.756+/-0.000 χ^2/NDF : 7891600178.6/5

yield_bpm2i02X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 91051.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

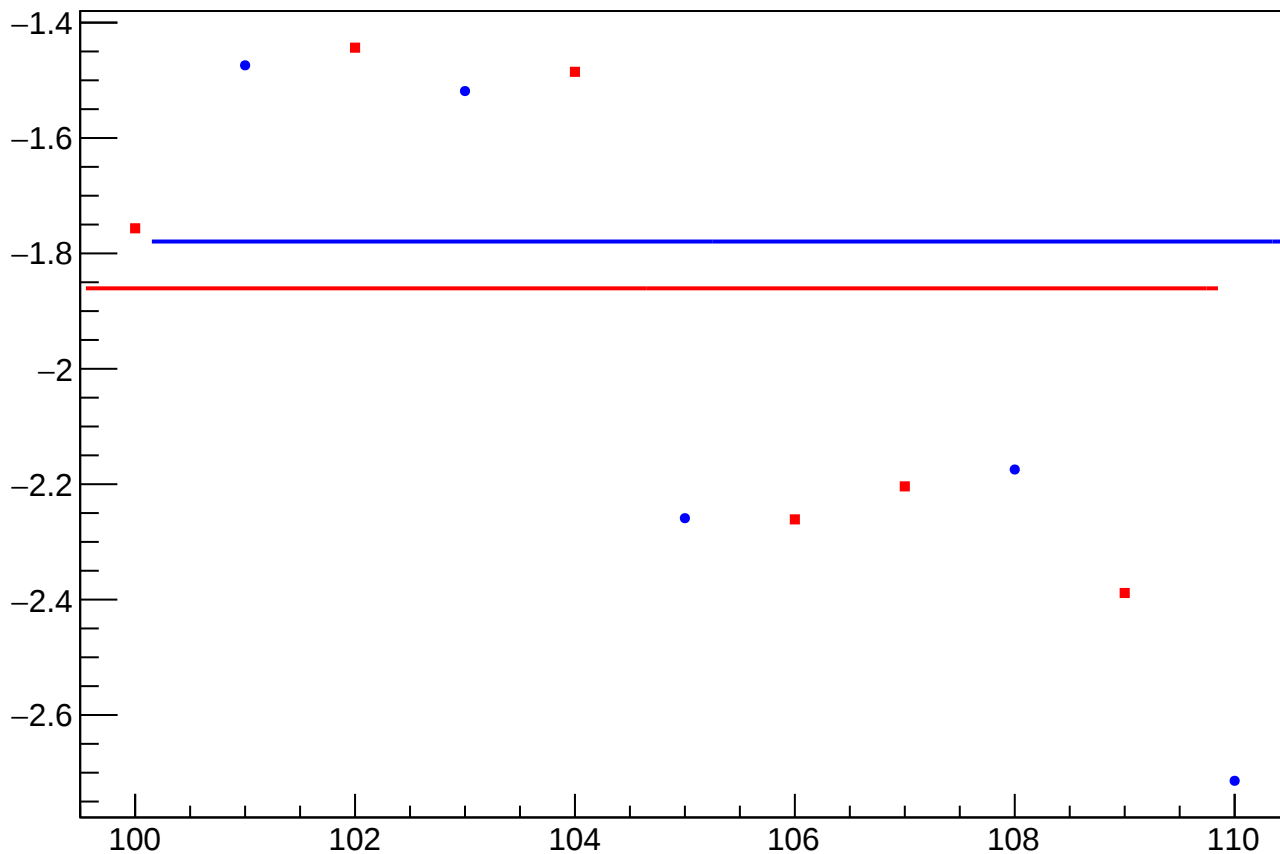
Right Out: 0.007+/-0.000 χ^2/NDF : 173073.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 91051.1/4

0.007+/-0.000 χ^2/NDF : 173073.2/5

yield_bpm2i02Y_mean vs slug



Right In: -1.779+/-0.000 χ^2/NDF : 10686910878.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

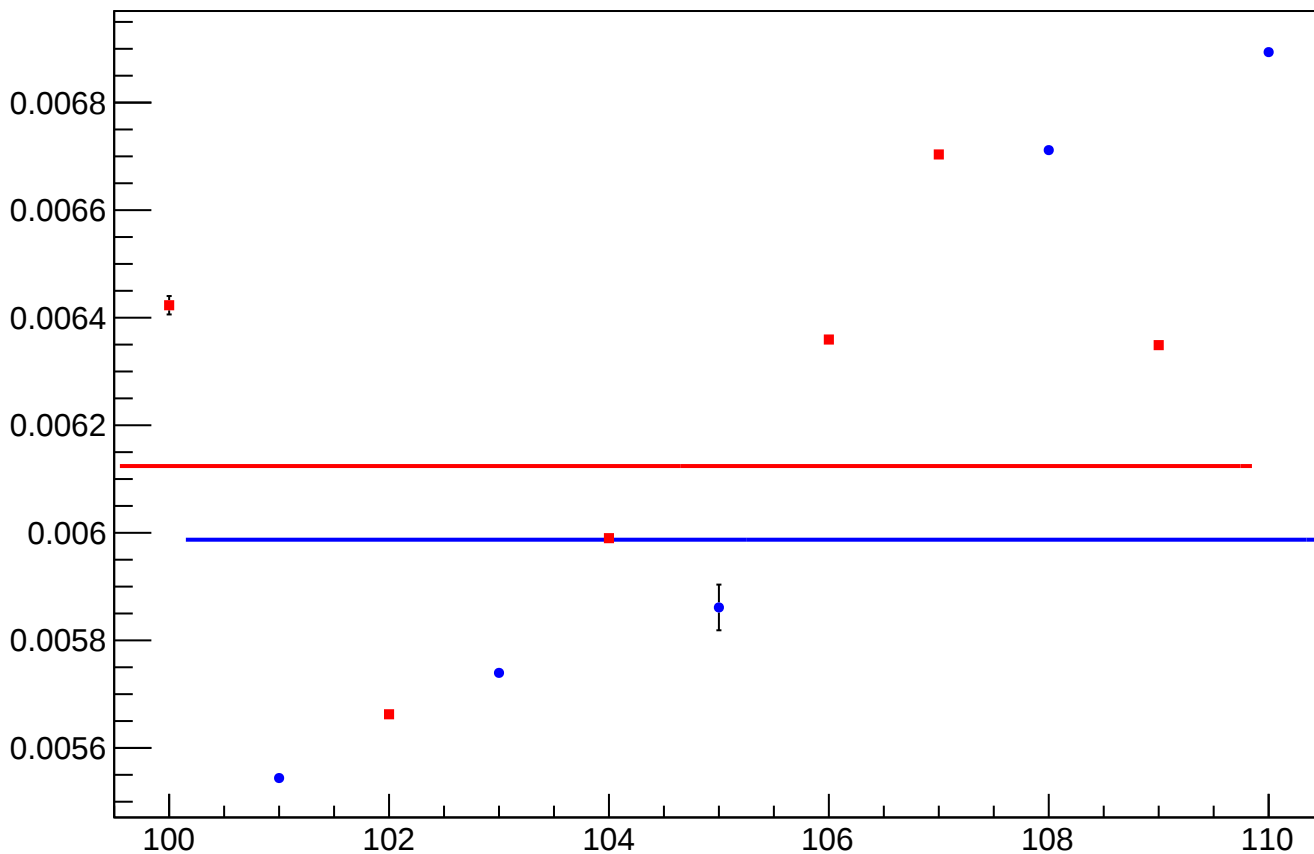
Right Out: -1.861+/-0.000 χ^2/NDF : 10591271981.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.779+/-0.000 χ^2/NDF : 10686910878.0/4

-1.861+/-0.000 χ^2/NDF : 10591271981.6/5

yield_bpm2i02Y_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 30378.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

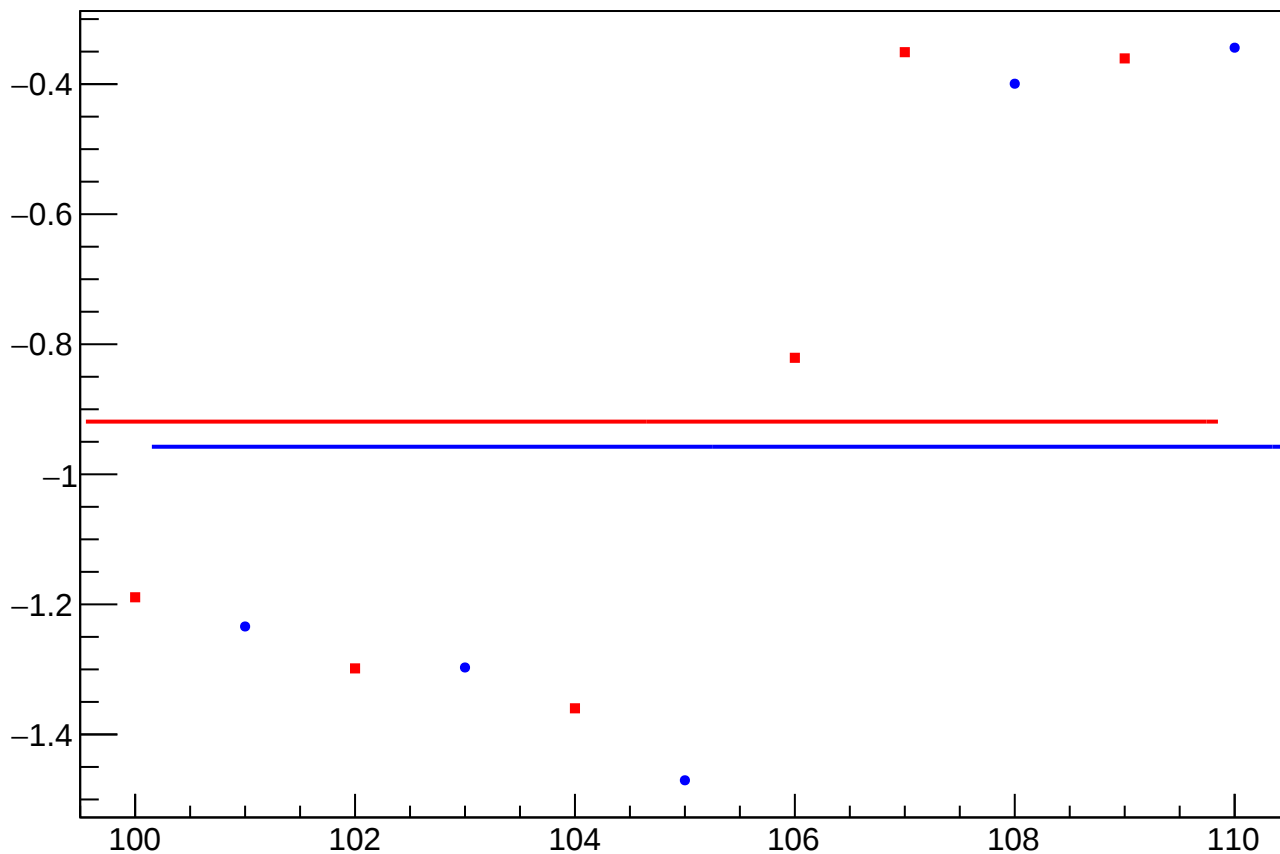
Right Out: 0.006+/-0.000 χ^2/NDF : 15462.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 30378.0/4

0.006+/-0.000 χ^2/NDF : 15462.2/5

yield_bpm0i01X_mean vs slug



Right In: -0.958+/-0.000 χ^2/NDF : 2999825638.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

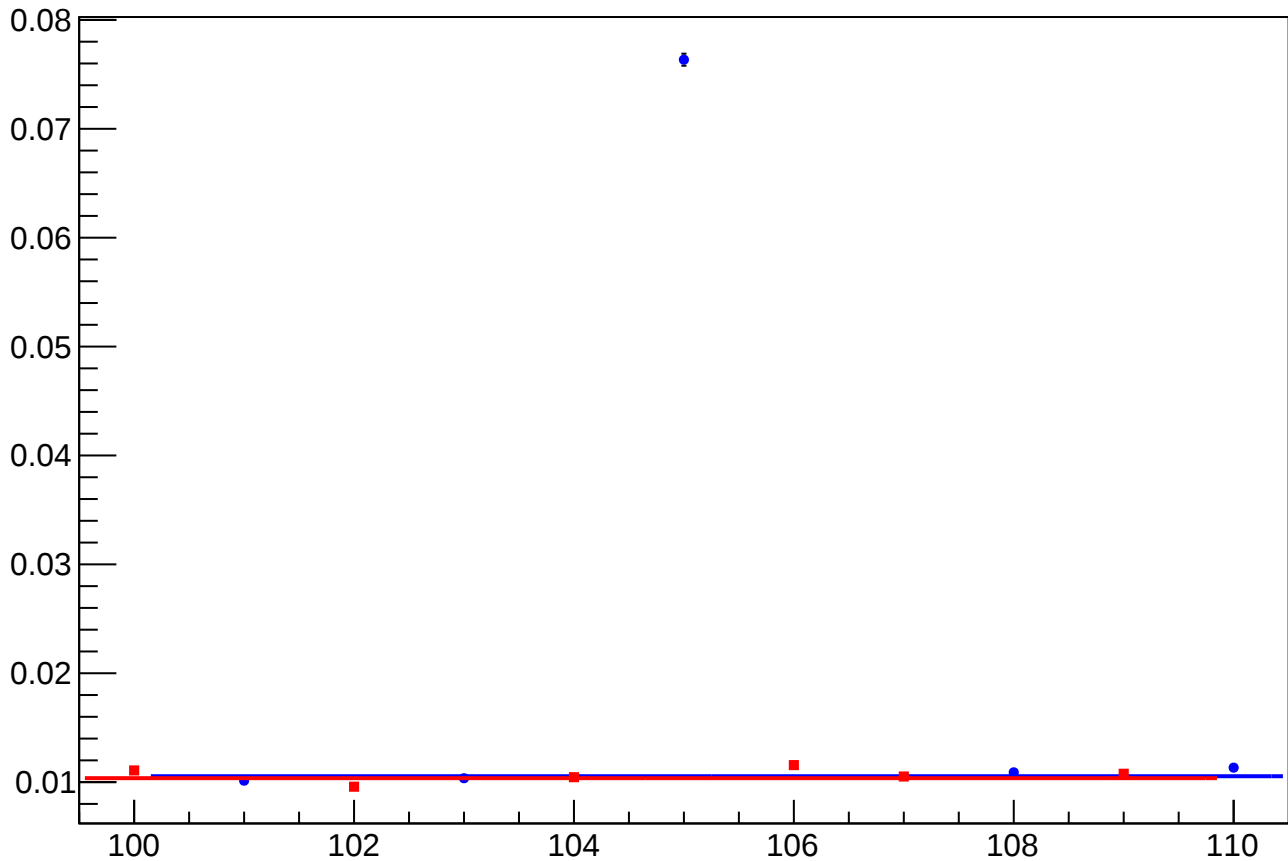
Right Out: -0.919+/-0.000 χ^2/NDF : 4174405042.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.958+/-0.000 χ^2/NDF : 2999825638.5/4

-0.919+/-0.000 χ^2/NDF : 4174405042.2/5

yield_bpm0i01X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 20475.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

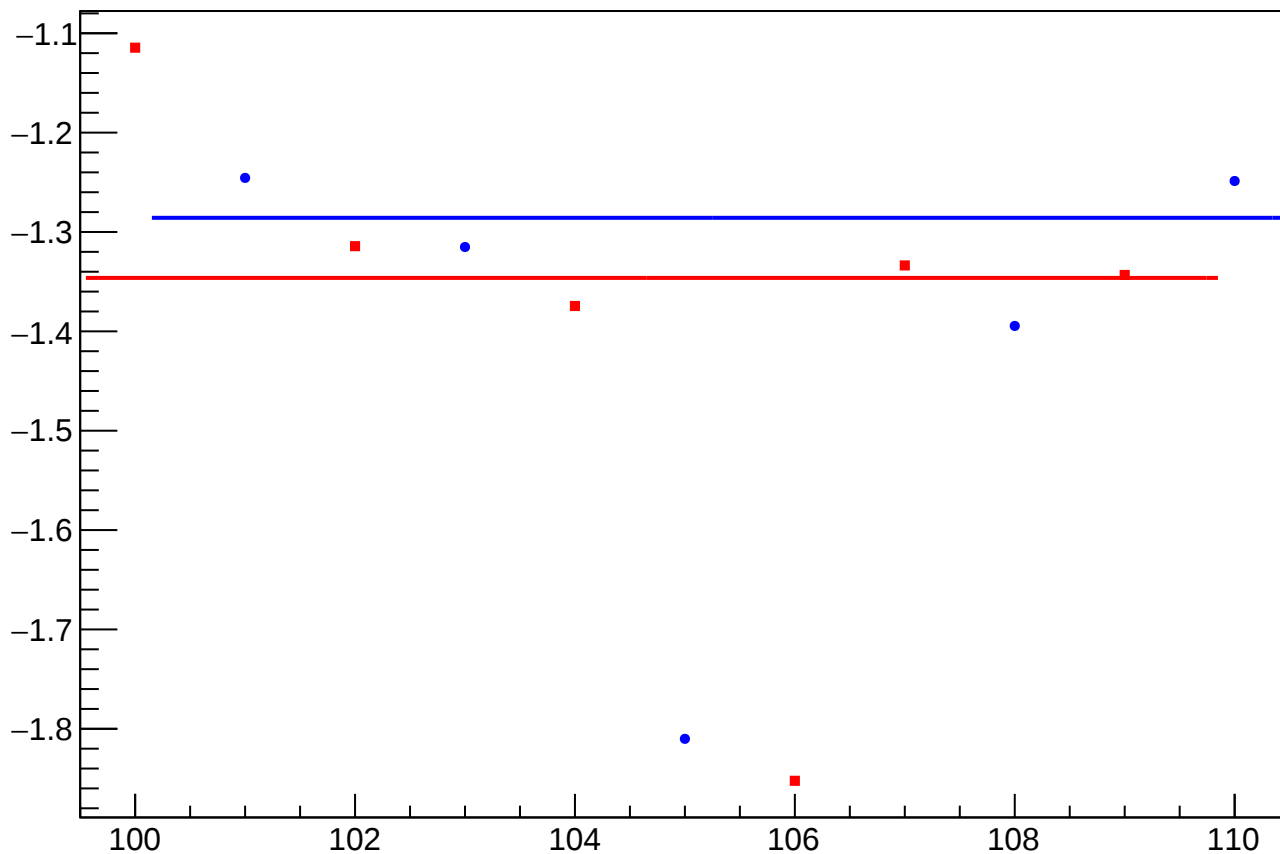
Right Out: 0.010+/-0.000 χ^2/NDF : 13354.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 20475.9/4

0.010+/-0.000 χ^2/NDF : 13354.0/5

yield_bpm0i01Y_mean vs slug



Right In: -1.286+/-0.000 χ^2/NDF : 887996999.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

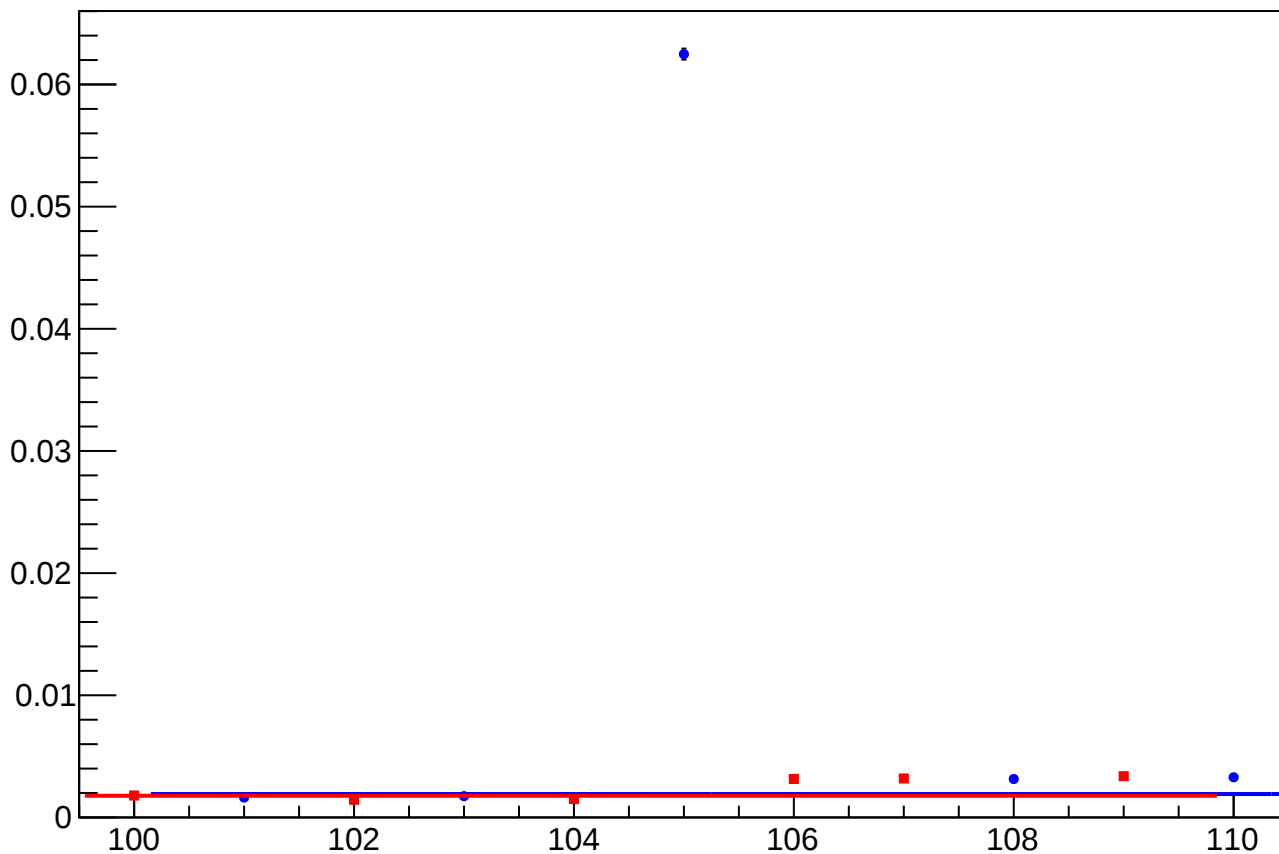
Right Out: -1.346+/-0.000 χ^2/NDF : 4929503740.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.286+/-0.000 χ^2/NDF : 887996999.9/4

-1.346+/-0.000 χ^2/NDF : 4929503740.2/5

yield_bpm0i01Y_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 268960.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

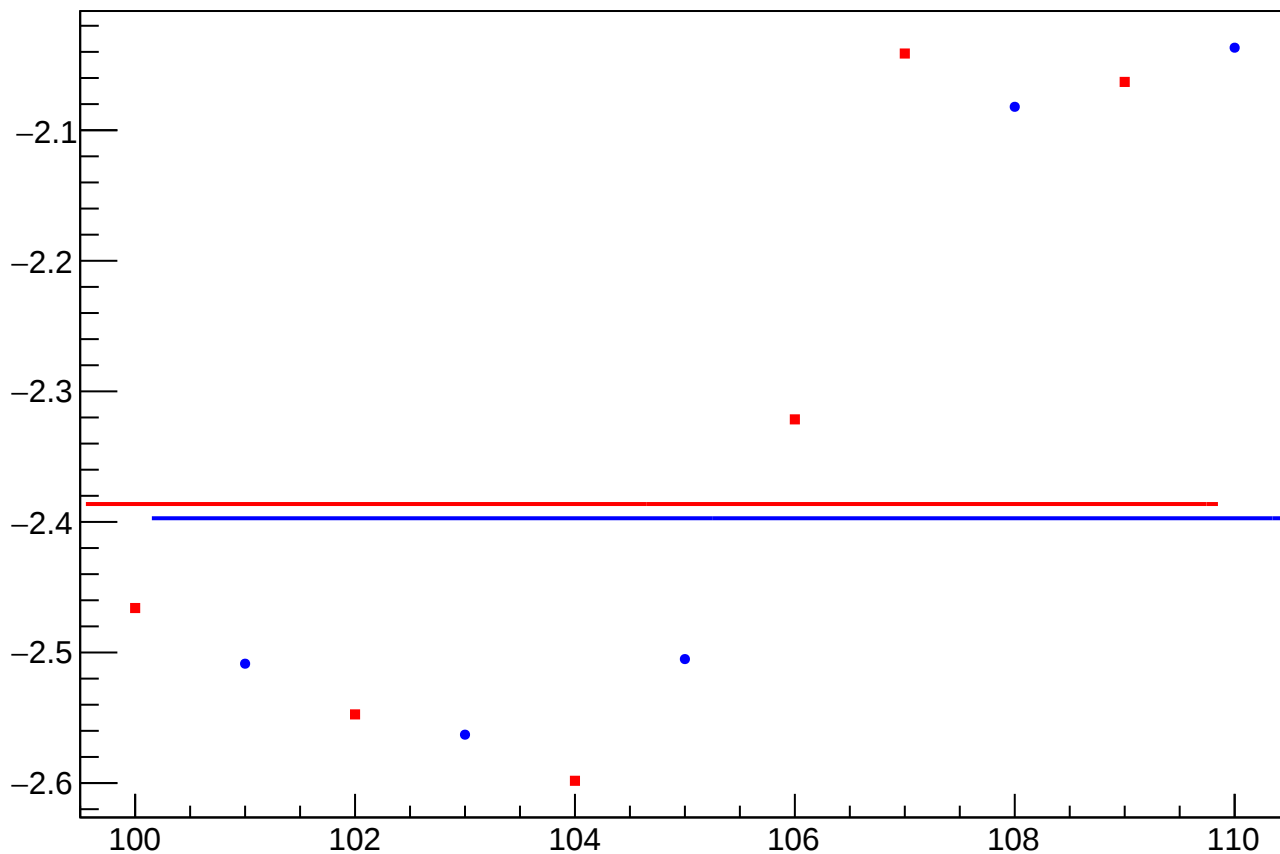
Right Out: 0.002+/-0.000 χ^2/NDF : 464255.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 268960.8/4

0.002+/-0.000 χ^2/NDF : 464255.8/5

yield_bpm0i01aX_mean vs slug



Right In: -2.397+/-0.000 χ^2/NDF : 2275112931.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

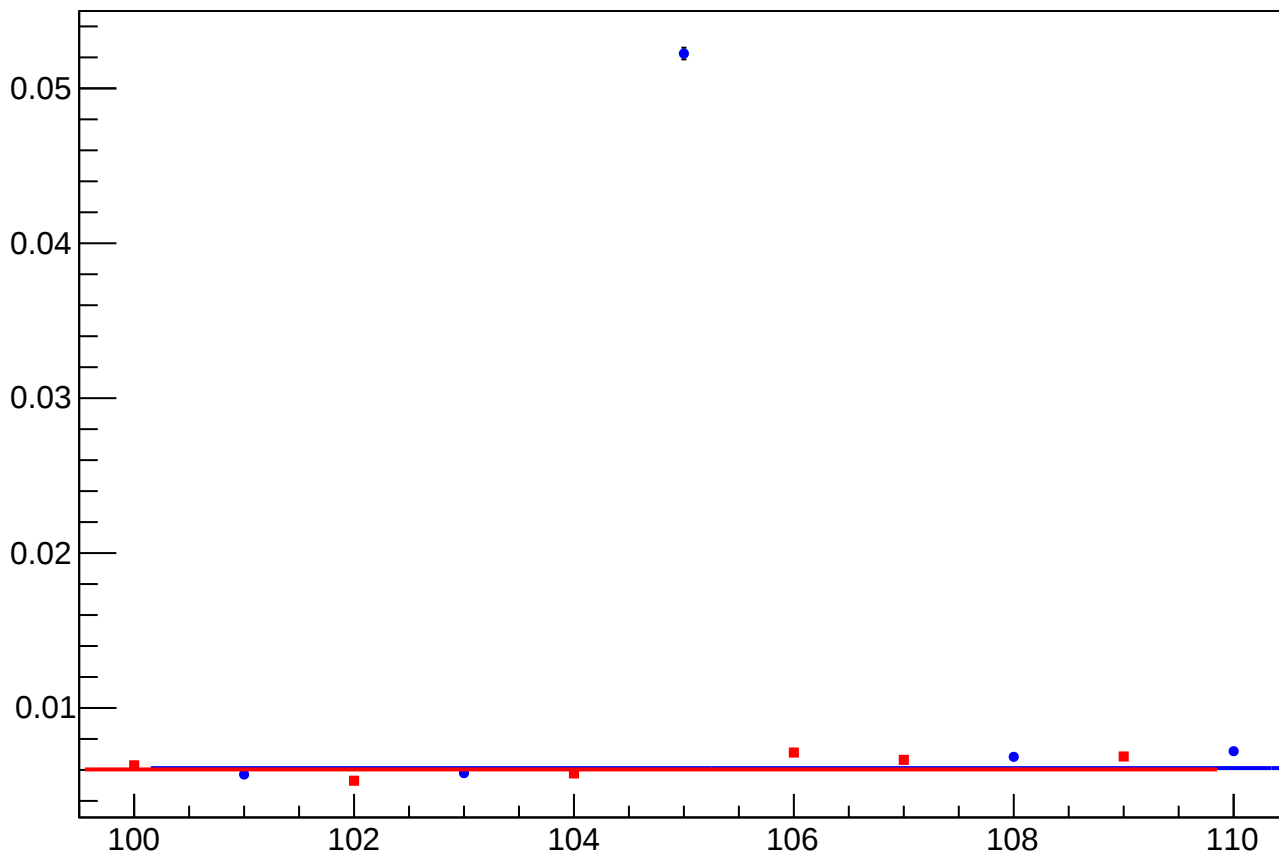
Right Out: -2.386+/-0.000 χ^2/NDF : 3227559303.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.397+/-0.000 χ^2/NDF : 2275112931.8/4

-2.386+/-0.000 χ^2/NDF : 3227559303.1/5

yield_bpm0i01aX_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 47832.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

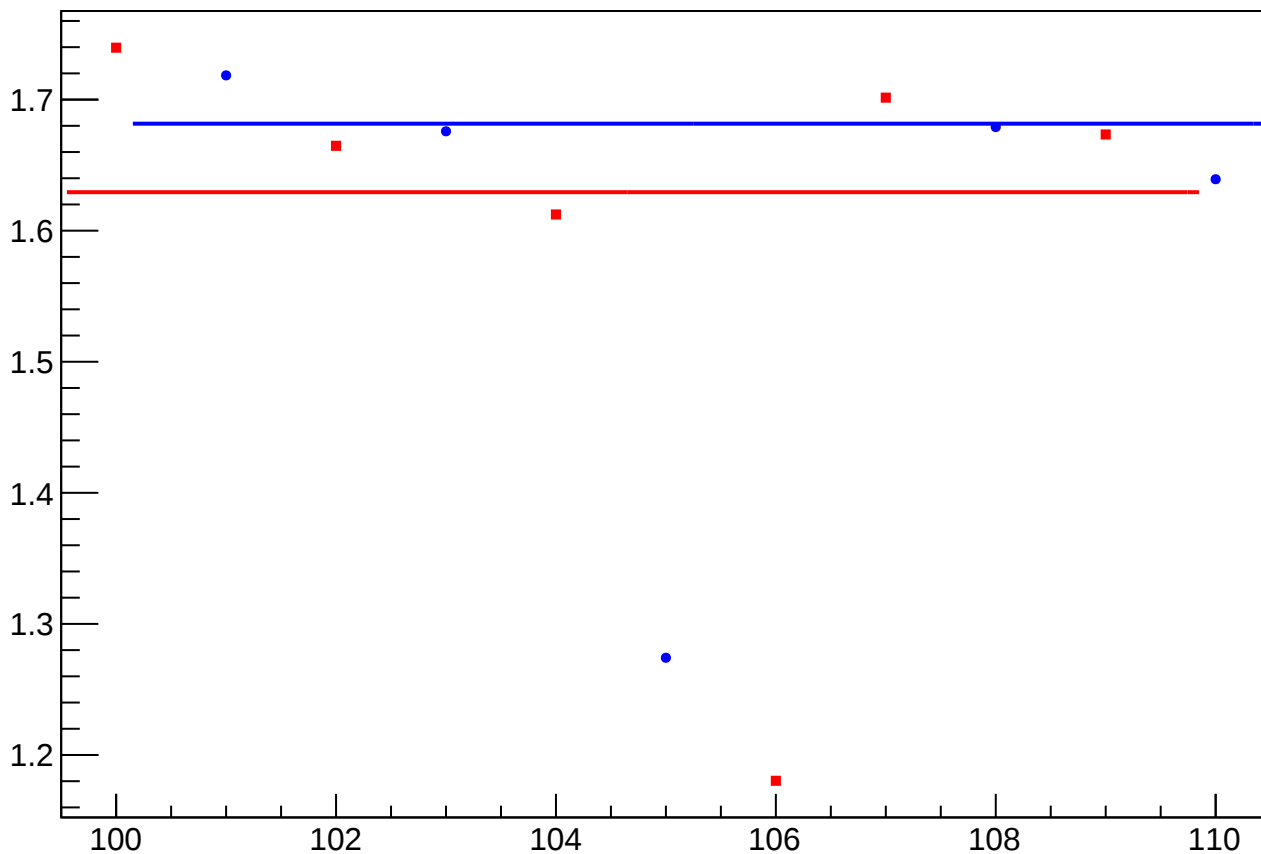
Right Out: 0.006+/-0.000 χ^2/NDF : 51660.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 47832.5/4

0.006+/-0.000 χ^2/NDF : 51660.2/5

yield_bpm0i01aY_mean vs slug



Right In: 1.682+/-0.000 χ^2/NDF : 263496752.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

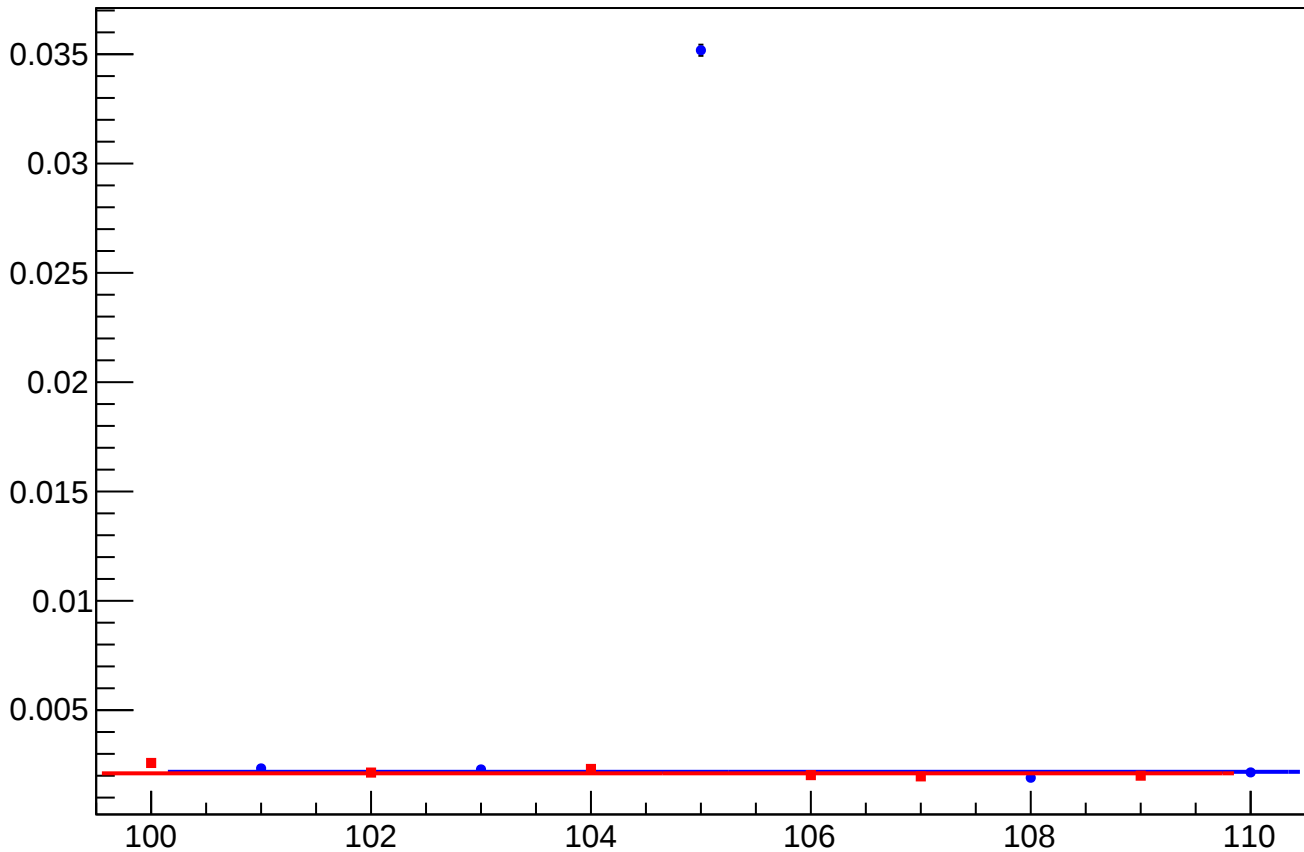
Right Out: 1.629+/-0.000 χ^2/NDF : 7705422391.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.682+/-0.000 χ^2/NDF : 263496752.2/4

1.629+/-0.000 χ^2/NDF : 7705422391.4/5

yield_bpm0i01aY_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 38161.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

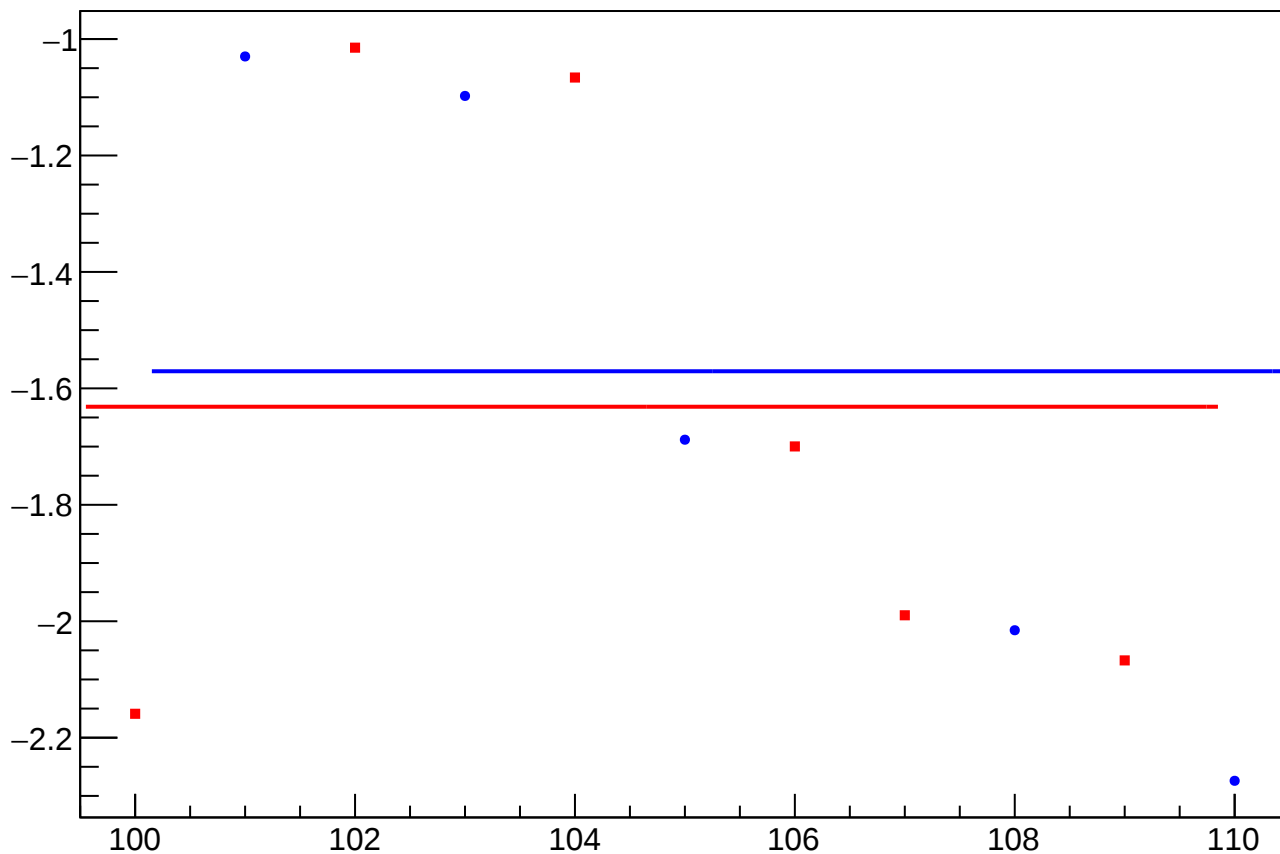
Right Out: 0.002+/-0.000 χ^2/NDF : 18471.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 38161.1/4

0.002+/-0.000 χ^2/NDF : 18471.5/5

yield_bpm0l01X_mean vs slug



Right In: -1.571+/-0.000 χ^2/NDF : 11938559481.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

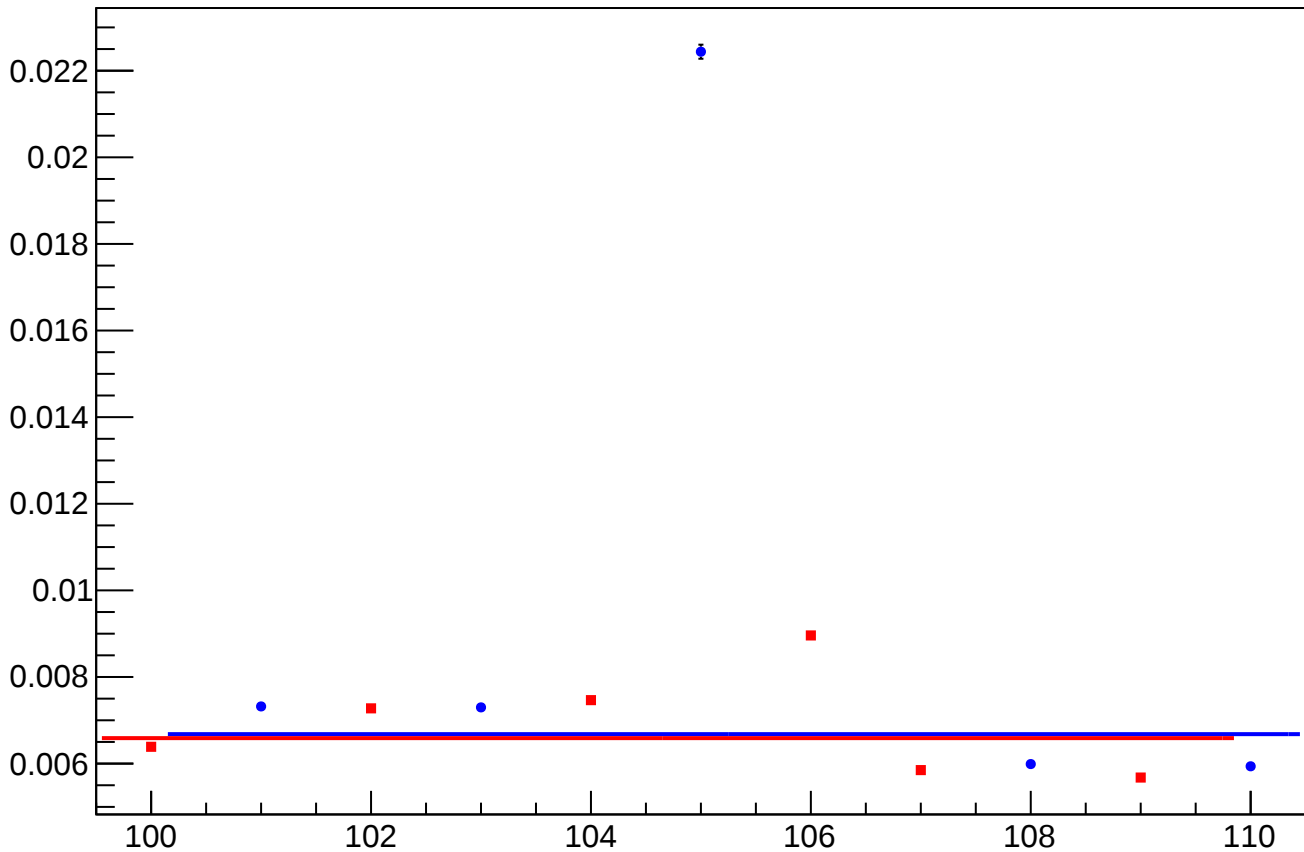
Right Out: -1.632+/-0.000 χ^2/NDF : 11265752646.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.571+/-0.000 χ^2/NDF : 11938559481.0/4

-1.632+/-0.000 χ^2/NDF : 11265752646.2/5

yield_bpm0l01X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 45958.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

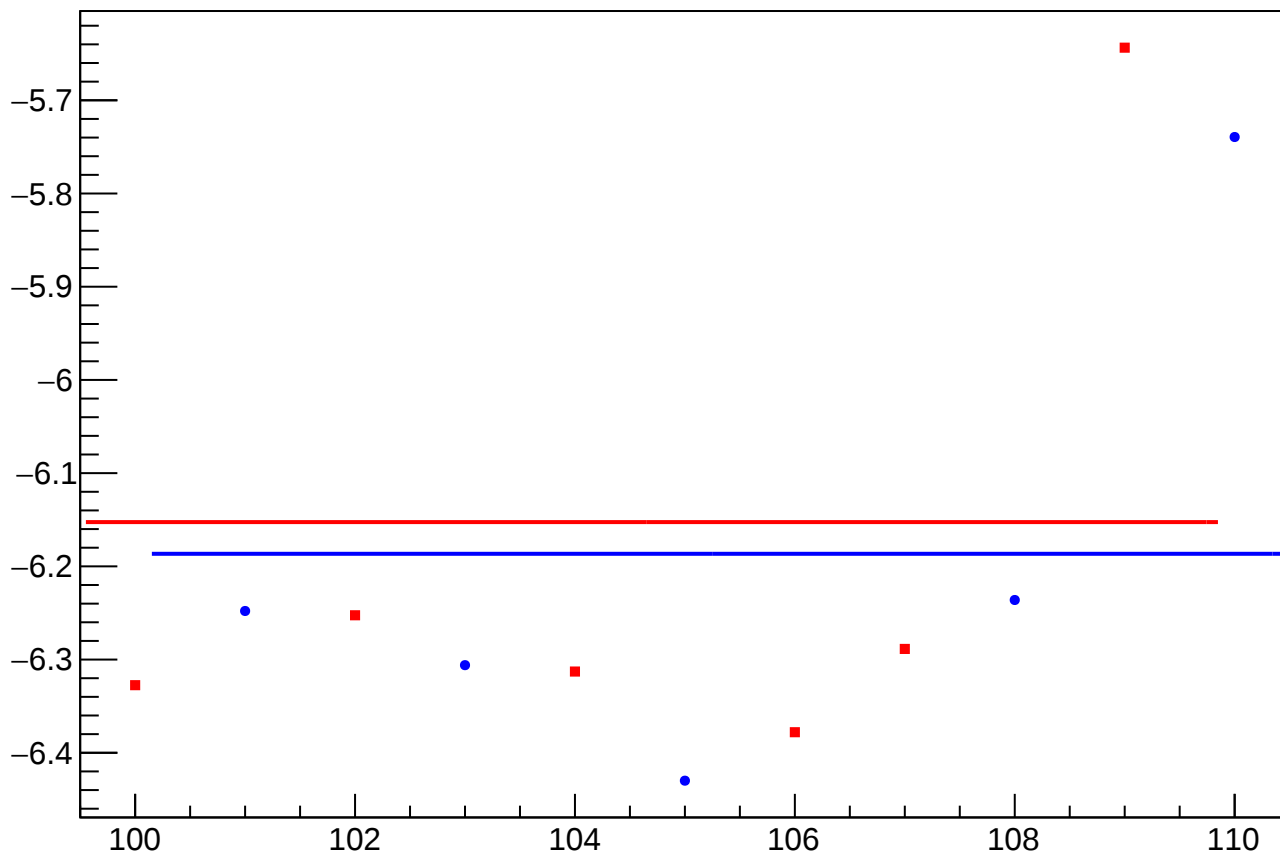
Right Out: 0.007+/-0.000 χ^2/NDF : 90582.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 45958.1/4

0.007+/-0.000 χ^2/NDF : 90582.1/5

yield_bpm0l01Y_mean vs slug



Right In: -6.187+/-0.000 χ^2/NDF : 2254564204.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

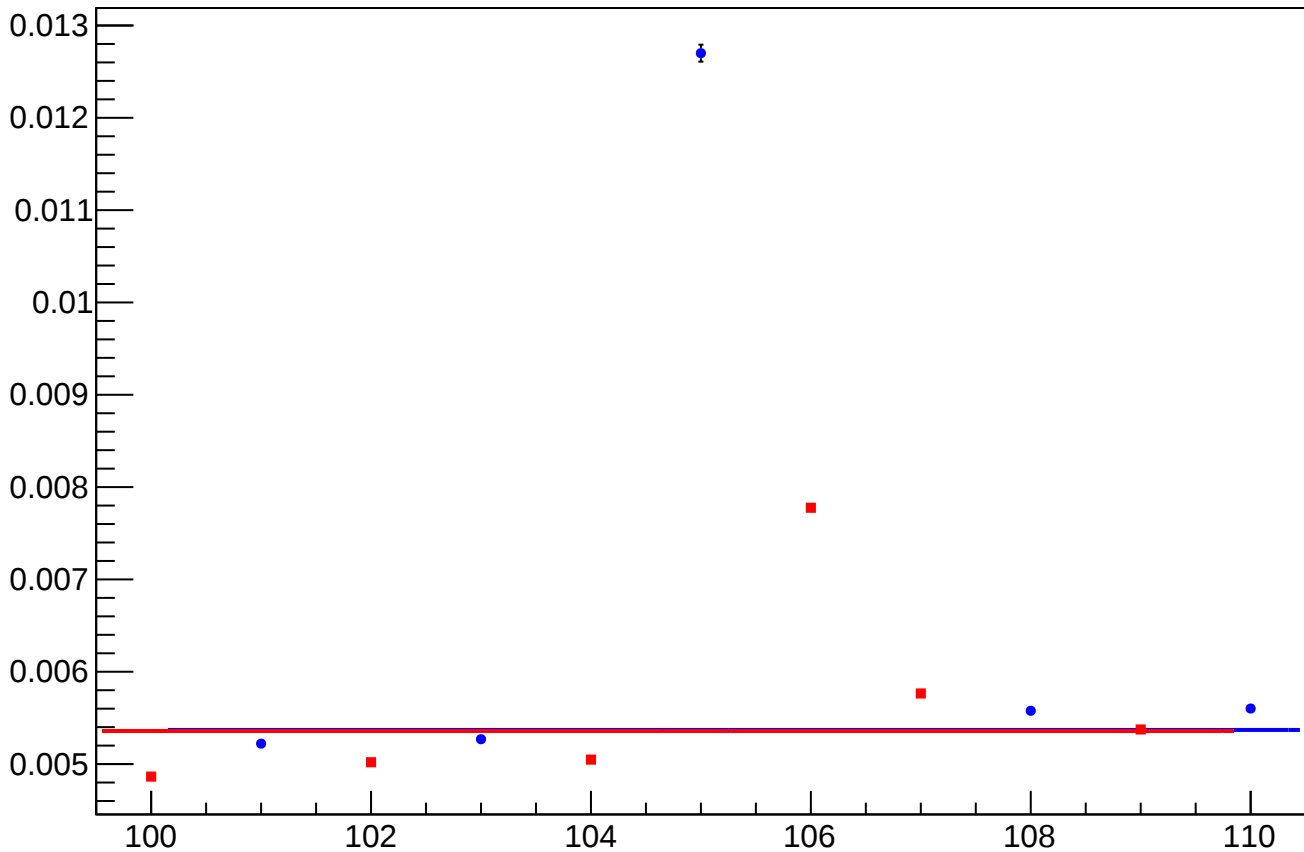
Right Out: -6.153+/-0.000 χ^2/NDF : 5167634185.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.187+/-0.000 χ^2/NDF : 2254564204.2/4

-6.153+/-0.000 χ^2/NDF : 5167634185.8/5

yield_bpm0l01Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 9656.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

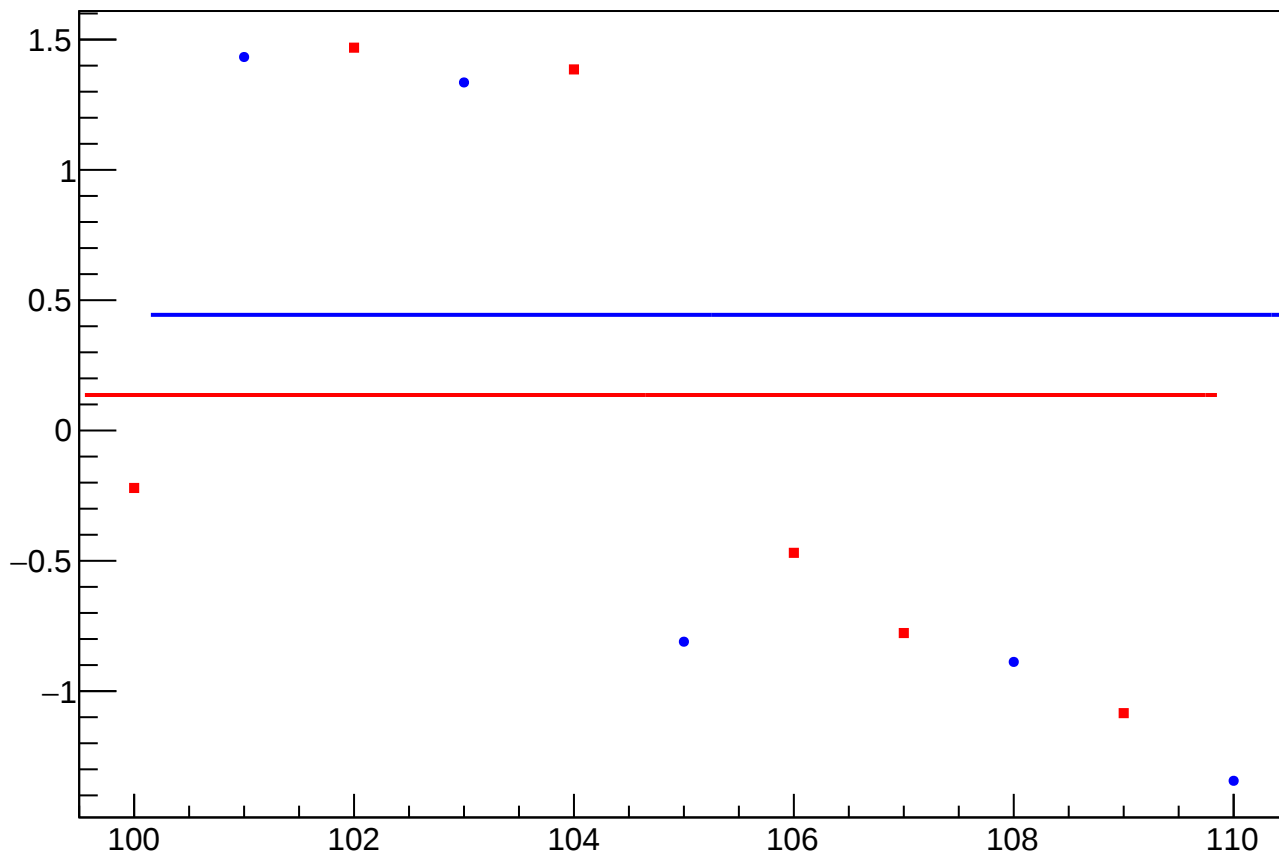
Right Out: 0.005+/-0.000 χ^2/NDF : 60443.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 9656.9/4

0.005+/-0.000 χ^2/NDF : 60443.2/5

yield_bpm0l02X_mean vs slug



Right In: 0.444+/-0.000 χ^2/NDF : 12058657716.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

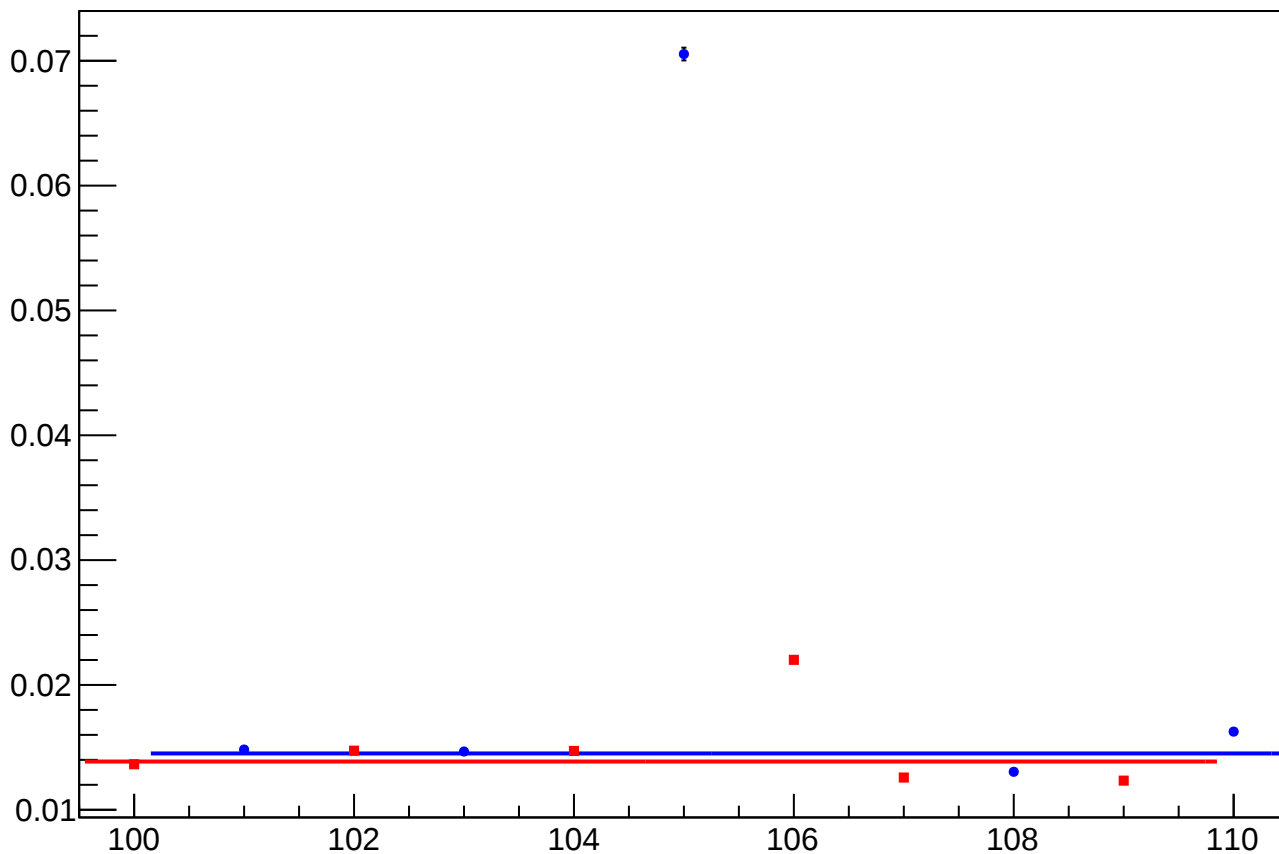
Right Out: 0.136+/-0.000 χ^2/NDF : 14549621740.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.444+/-0.000 χ^2/NDF : 12058657716.3/4

0.136+/-0.000 χ^2/NDF : 14549621740.6/5

yield_bpm0l02X_rms vs slug



Right In: 0.015+/-0.000 χ^2/NDF : 28915.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

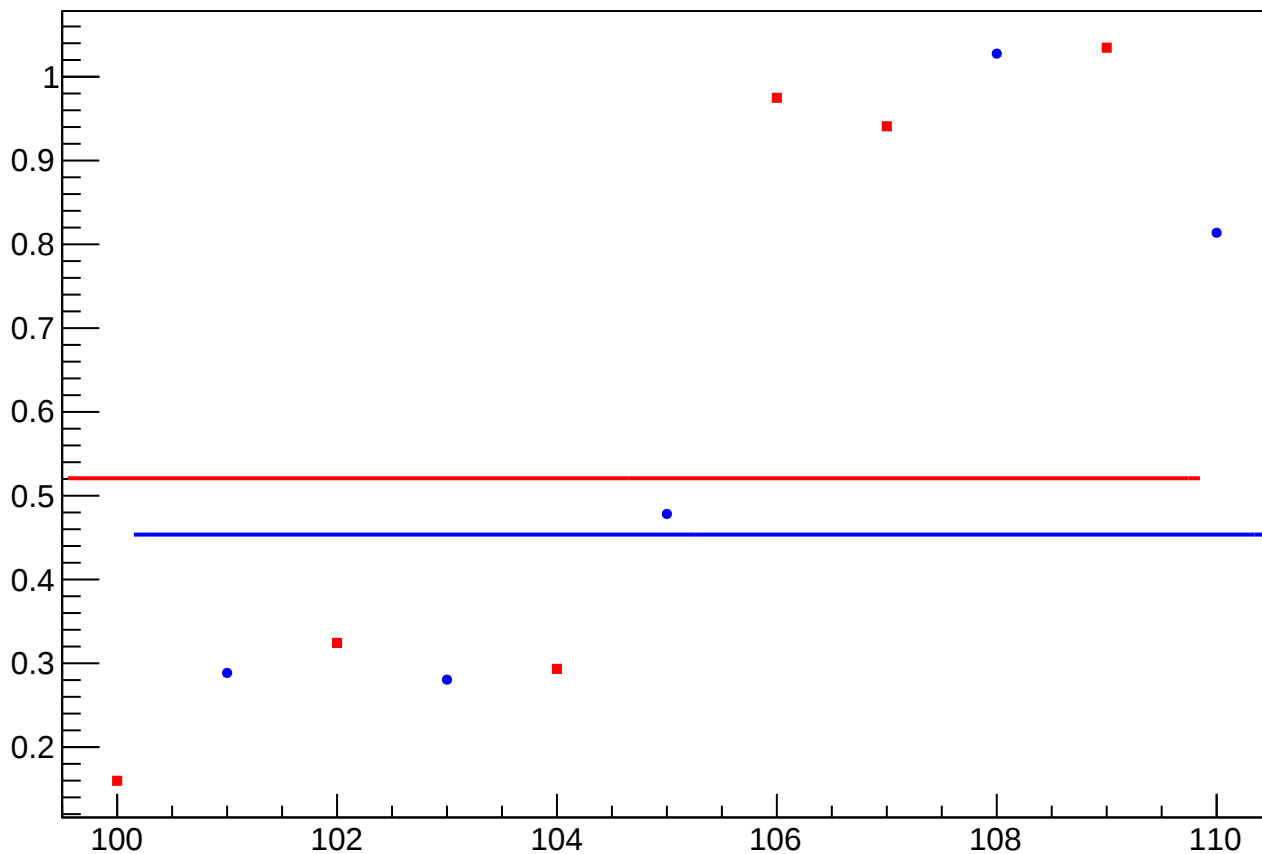
Right Out: 0.014+/-0.000 χ^2/NDF : 85759.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 28915.5/4

0.014+/-0.000 χ^2/NDF : 85759.5/5

yield_bpm0l02Y_mean vs slug



Right In: 0.454+/-0.000 χ^2/NDF : 2848249507.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

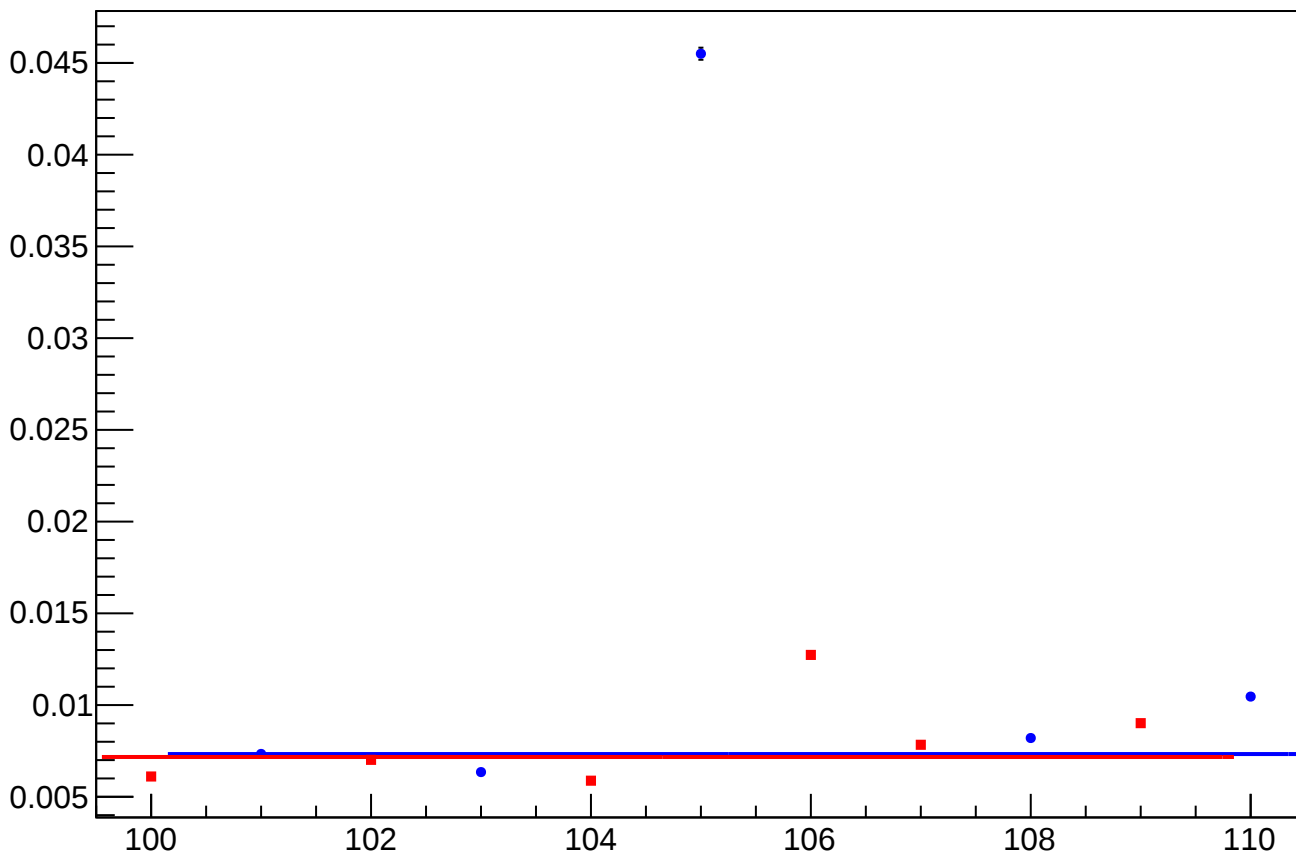
0.454+/-0.000 χ^2/NDF : 2848249507.2/4

Right Out: 0.521+/-0.000 χ^2/NDF : 4088858315.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.521+/-0.000 χ^2/NDF : 4088858315.0/5

yield_bpm0l02Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 99930.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

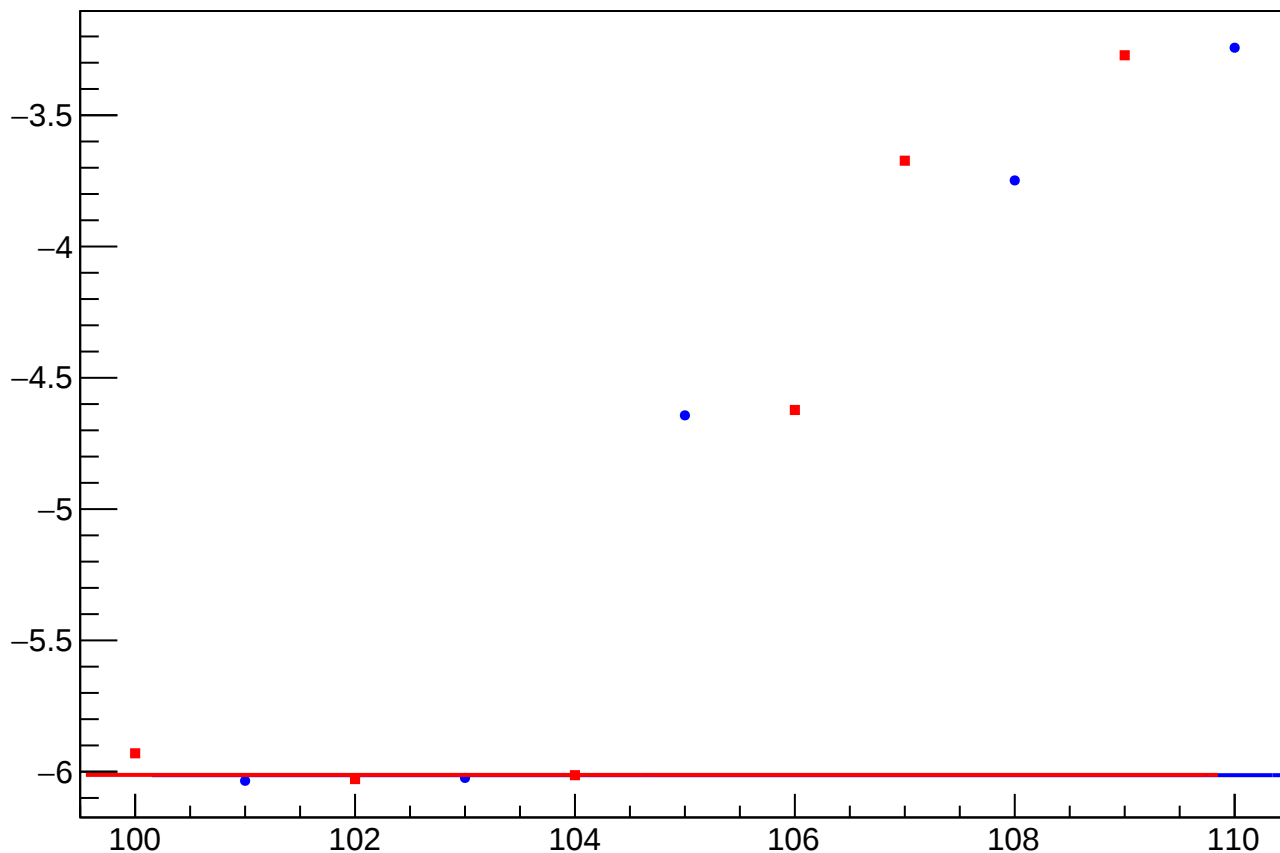
Right Out: 0.007+/-0.000 χ^2/NDF : 167566.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 99930.9/4

0.007+/-0.000 χ^2/NDF : 167566.8/5

yield_bpm0l03X_mean vs slug



Right In: -6.013+/-0.000 χ^2/NDF : 1621082124.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

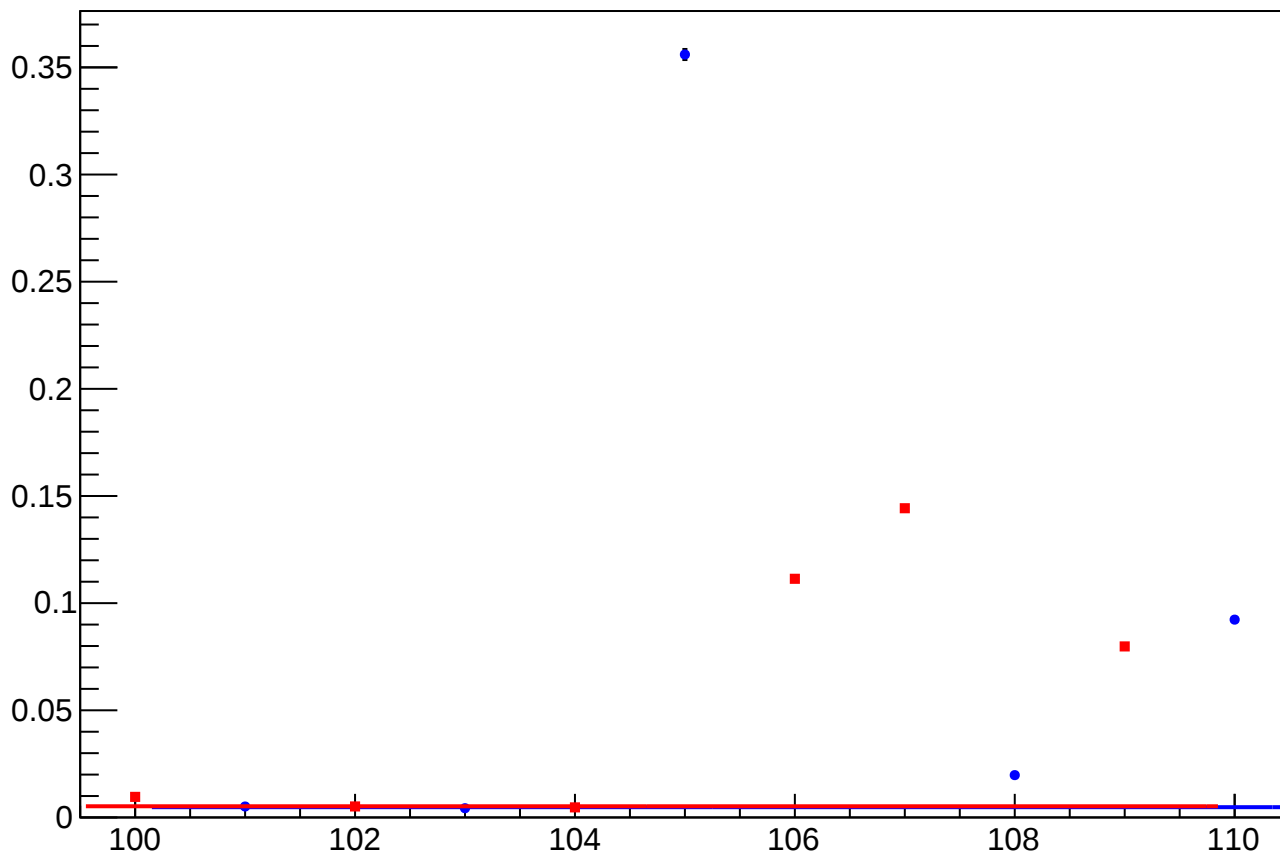
Right Out: -6.012+/-0.000 χ^2/NDF : 672690106.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.013+/-0.000 χ^2/NDF : 1621082124.7/4

-6.012+/-0.000 χ^2/NDF : 672690106.1/5

yield_bpm0l03X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 663228.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

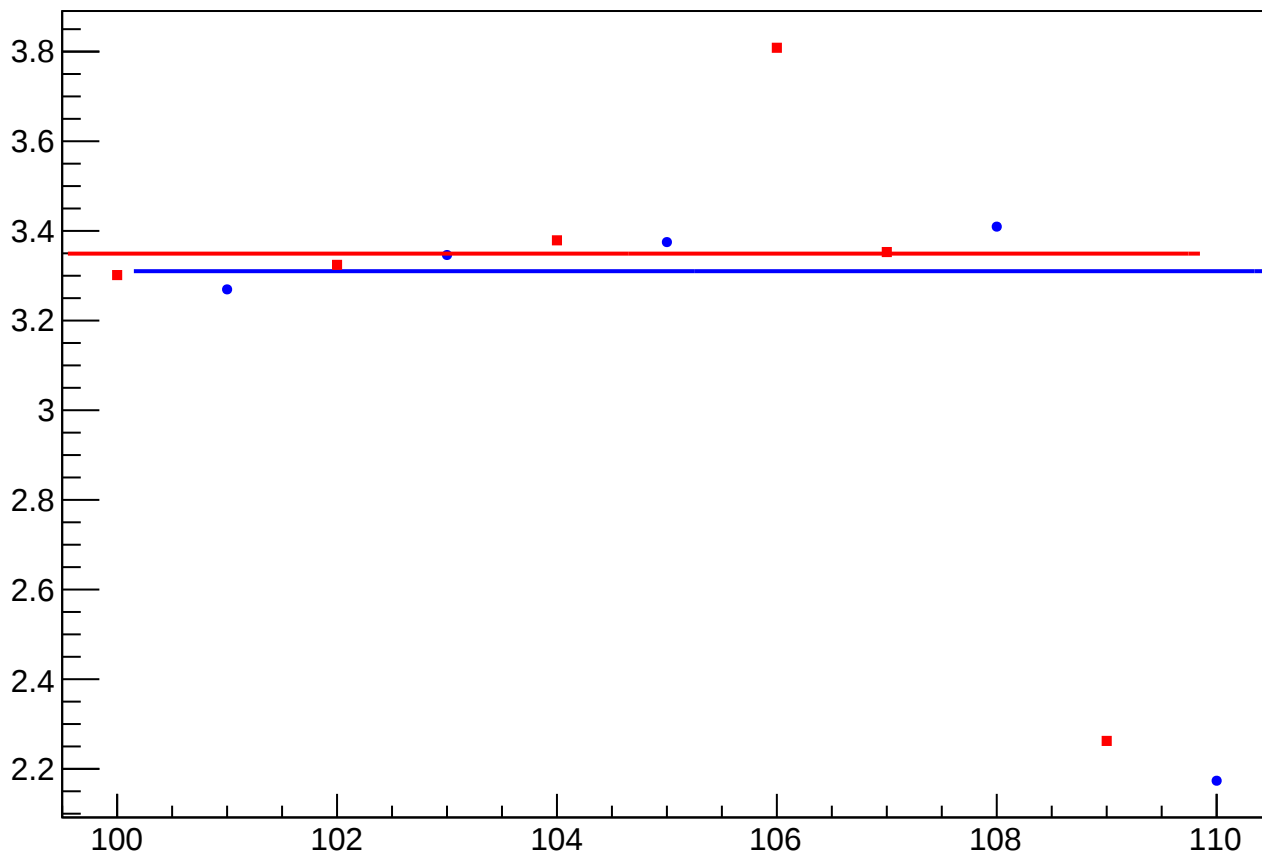
Right Out: 0.005+/-0.000 χ^2/NDF : 1911058.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 663228.0/4

0.005+/-0.000 χ^2/NDF : 1911058.7/5

yield_bpm0l03Y_mean vs slug



Right In: 3.310+/-0.000 χ^2/NDF : 83957229.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

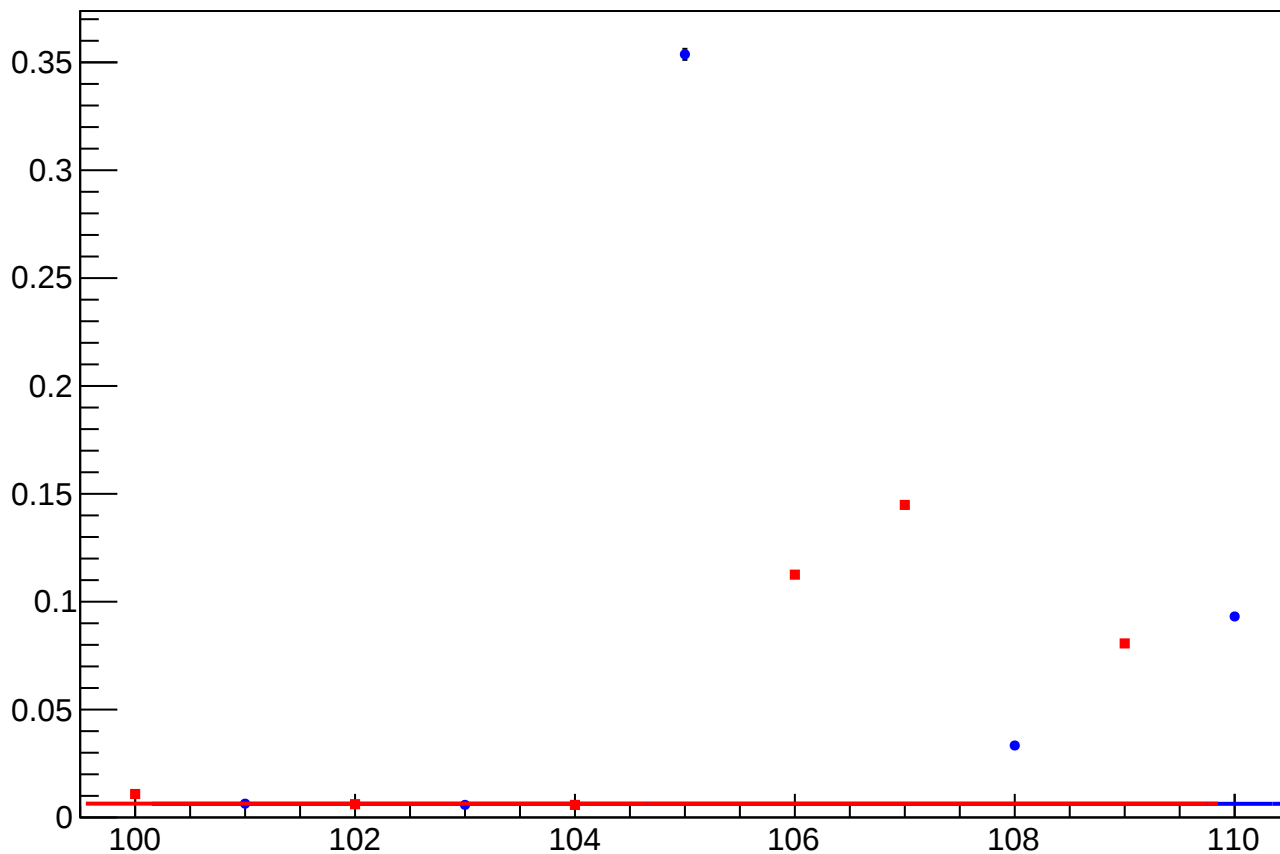
Right Out: 3.349+/-0.000 χ^2/NDF : 107126882.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.310+/-0.000 χ^2/NDF : 83957229.7/4

3.349+/-0.000 χ^2/NDF : 107126882.9/5

yield_bpm0l03Y_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 721103.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

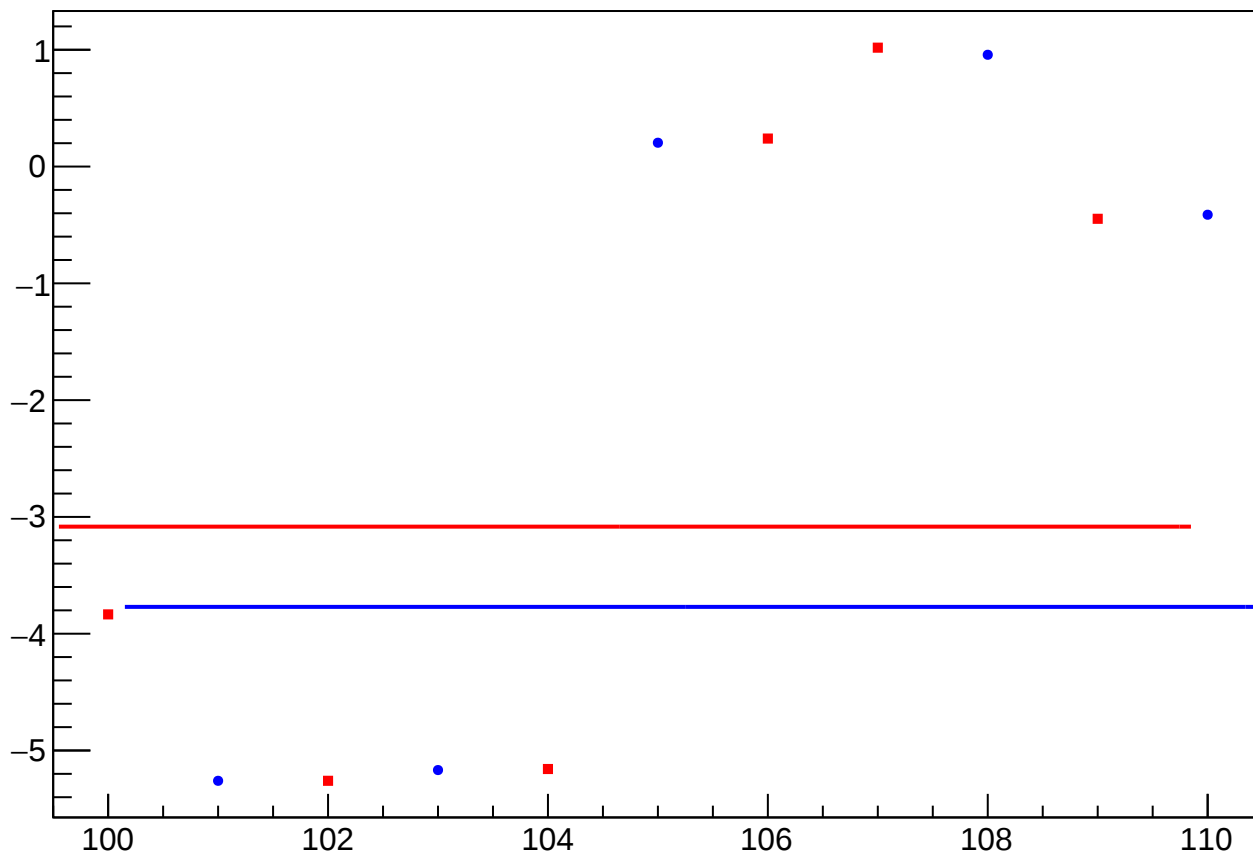
Right Out: 0.006+/-0.000 χ^2/NDF : 1858610.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 721103.4/4

0.006+/-0.000 χ^2/NDF : 1858610.6/5

yield_bpm0l04X_mean vs slug



Right In: -3.770+/-0.000 χ^2/NDF : 65289470576.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

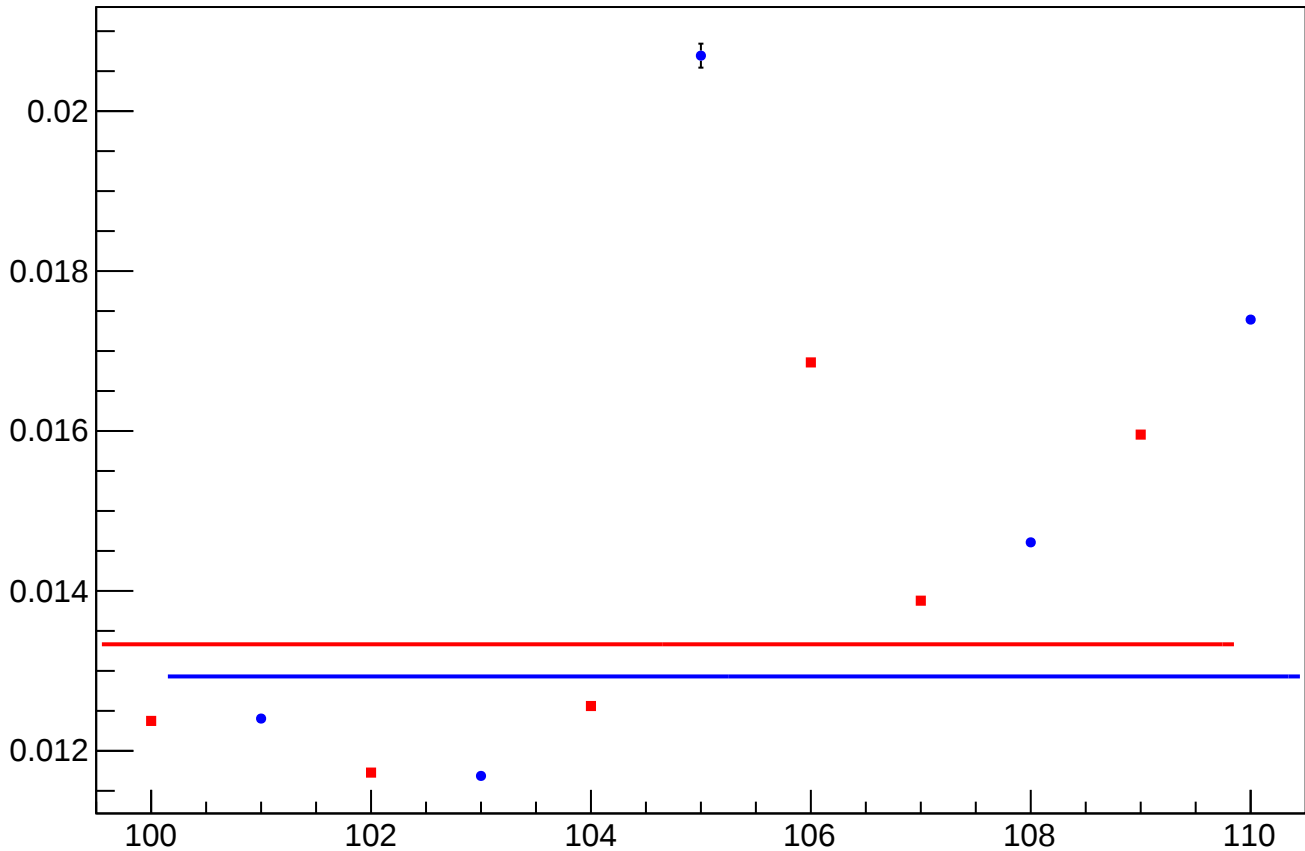
Right Out: -3.083+/-0.000 χ^2/NDF : 85116743351.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.770+/-0.000 χ^2/NDF : 65289470576.7/4

-3.083+/-0.000 χ^2/NDF : 85116743351.1/5

yield_bpm0l04X_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 62610.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

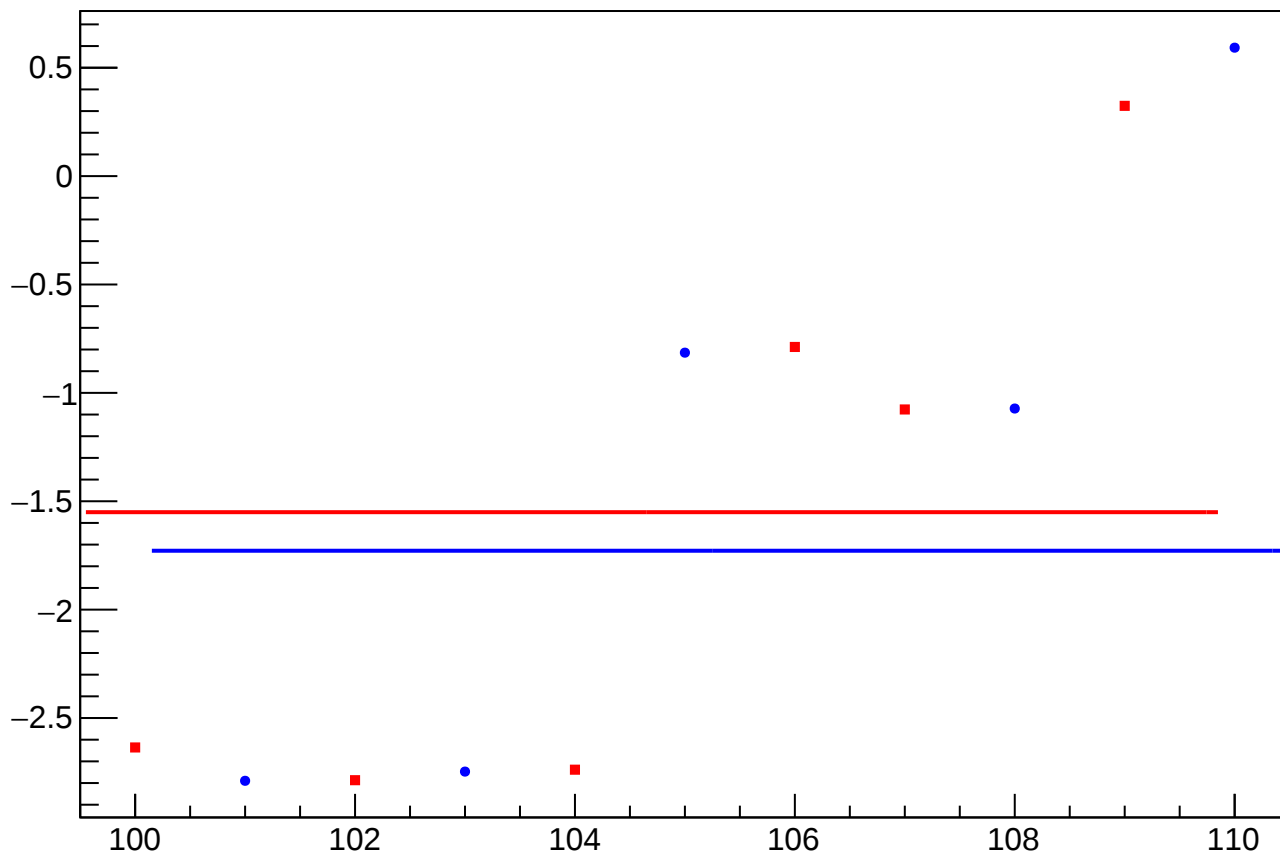
Right Out: 0.013+/-0.000 χ^2/NDF : 74658.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 62610.2/4

0.013+/-0.000 χ^2/NDF : 74658.2/5

yield_bpm0l04Y_mean vs slug



Right In: -1.728+/-0.000 χ^2/NDF : 224232542906.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

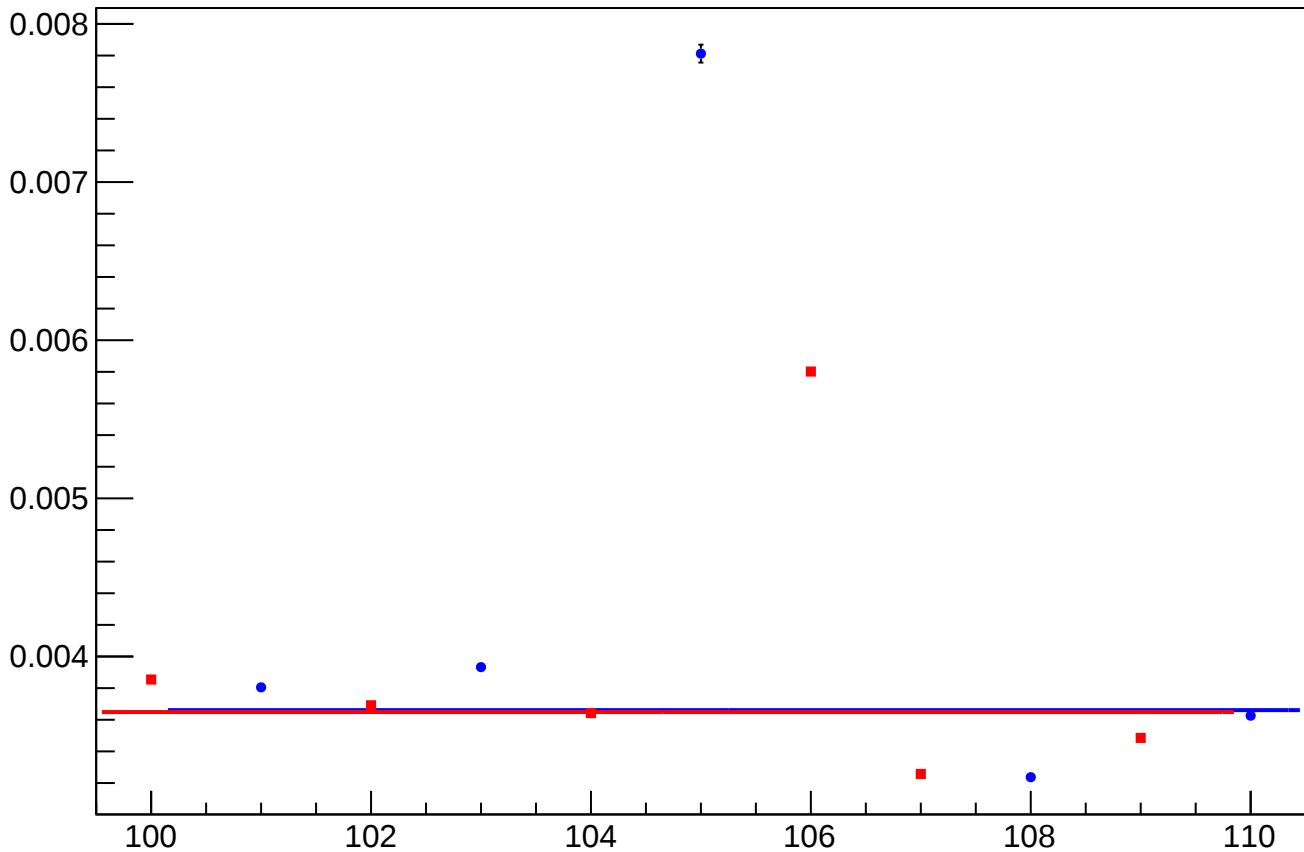
Right Out: -1.550+/-0.000 χ^2/NDF : 270305293185.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.728+/-0.000 χ^2/NDF : 224232542906.6/4

-1.550+/-0.000 χ^2/NDF : 270305293185.6/5

yield_bpm0l04Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 25249.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

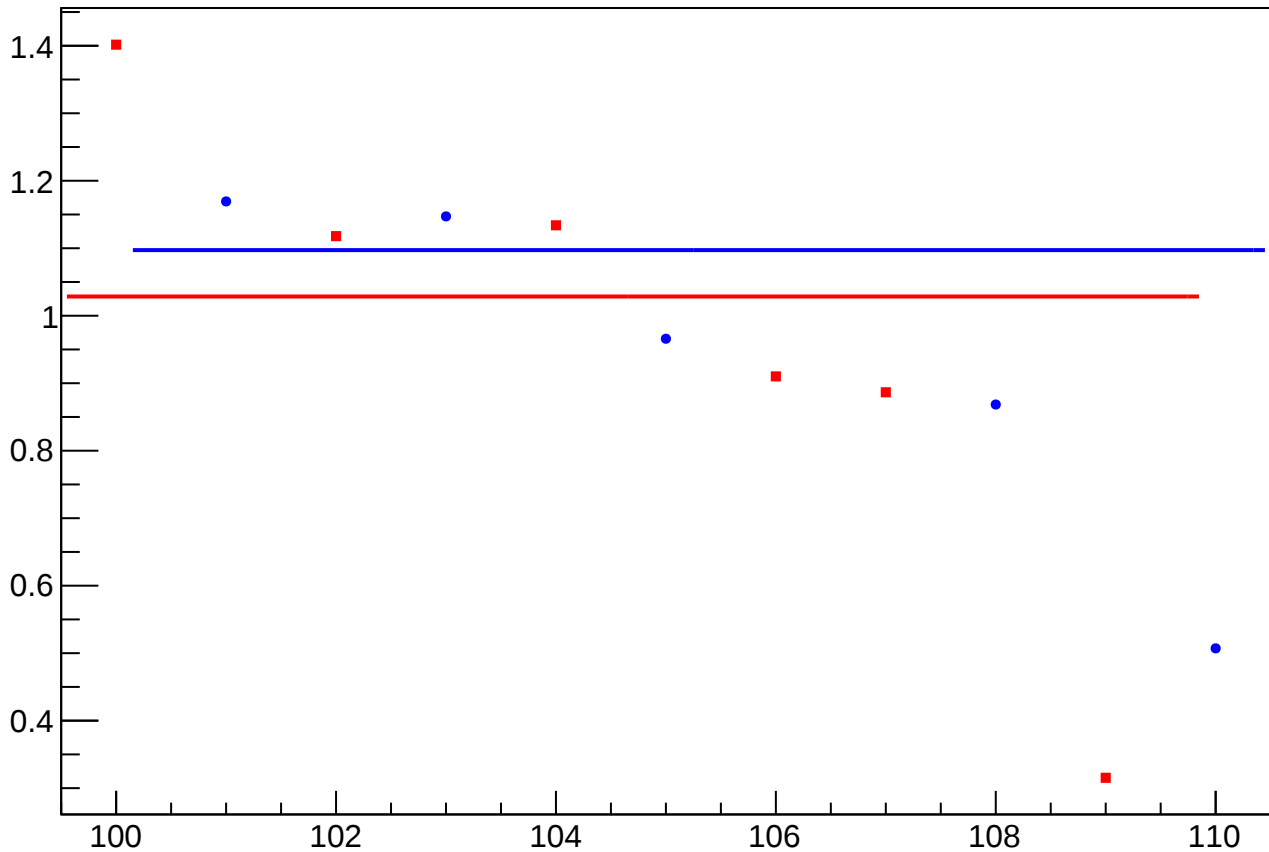
Right Out: 0.004+/-0.000 χ^2/NDF : 87168.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 25249.6/4

0.004+/-0.000 χ^2/NDF : 87168.1/5

yield_bpm0l05X_mean vs slug



Right In: 1.097+/-0.000 χ^2/NDF : 1978937481.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

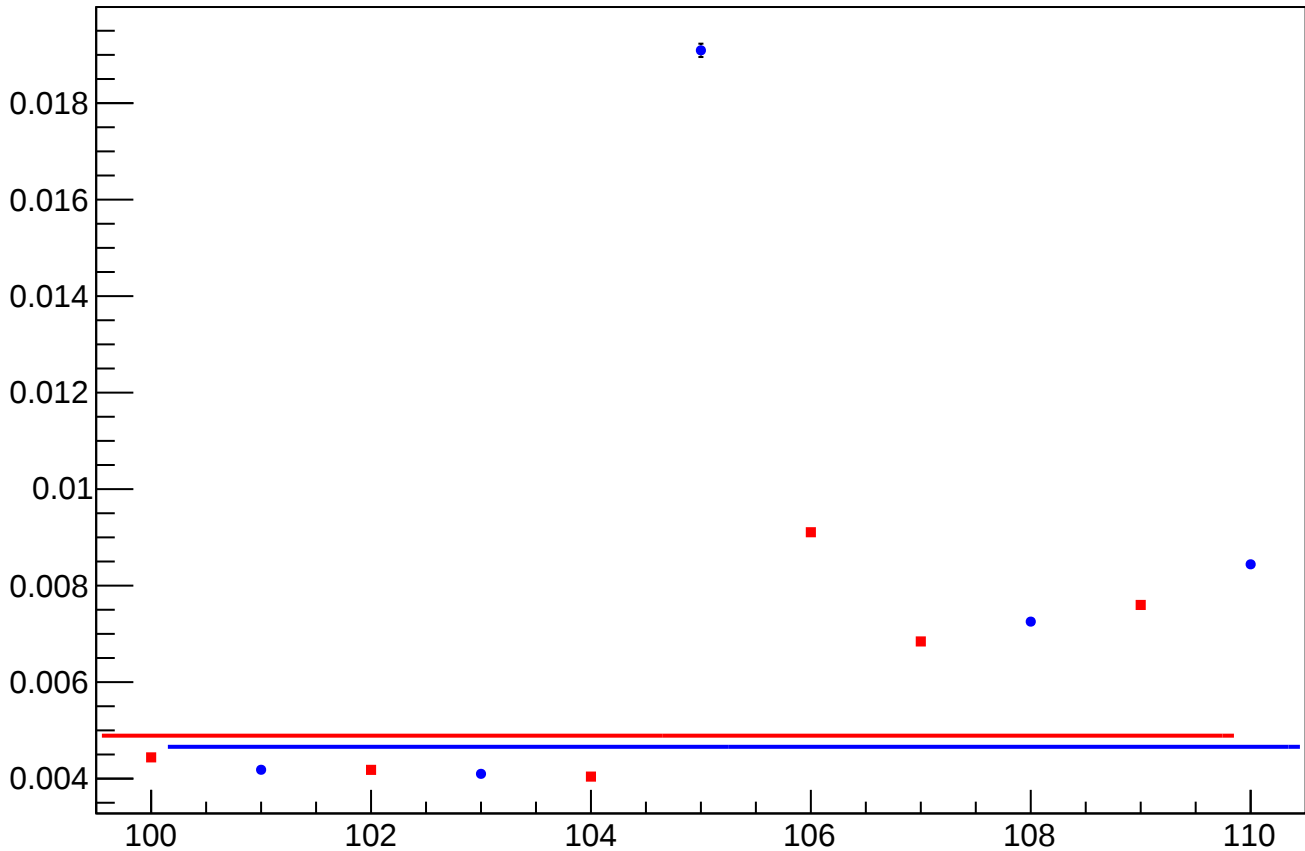
1.097+/-0.000 χ^2/NDF : 1978937481.5/4

Right Out: 1.028+/-0.000 χ^2/NDF : 5184560253.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.028+/-0.000 χ^2/NDF : 5184560253.7/5

yield_bpm0l05X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 252545.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

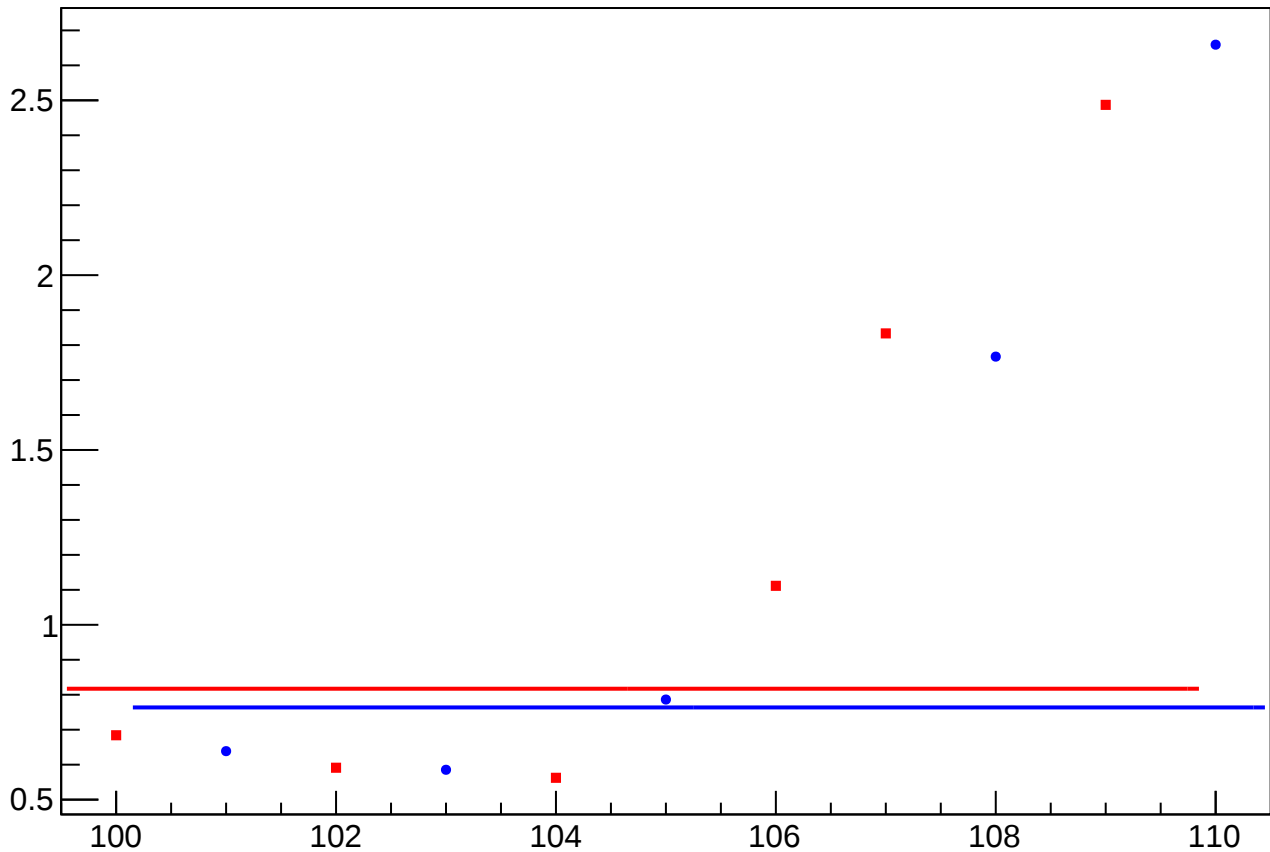
Right Out: 0.005+/-0.000 χ^2/NDF : 341571.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 252545.4/4

0.005+/-0.000 χ^2/NDF : 341571.0/5

yield_bpm0l05Y_mean vs slug



Right In: 0.764+/-0.000 χ^2/NDF : 19777845133.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

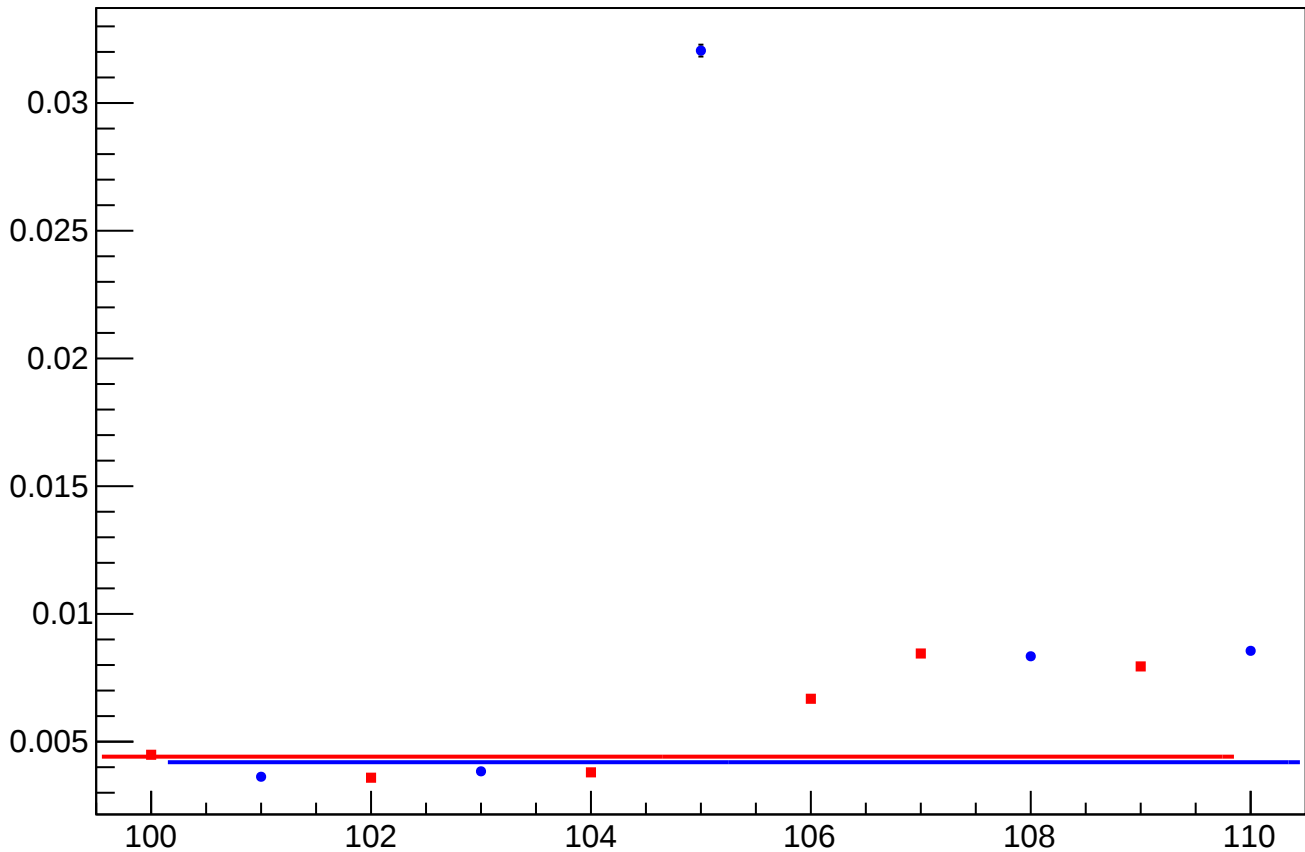
0.764+/-0.000 χ^2/NDF : 19777845133.6/4

Right Out: 0.817+/-0.000 χ^2/NDF : 29190420969.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.817+/-0.000 χ^2/NDF : 29190420969.2/5

yield_bpm0l05Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 368043.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

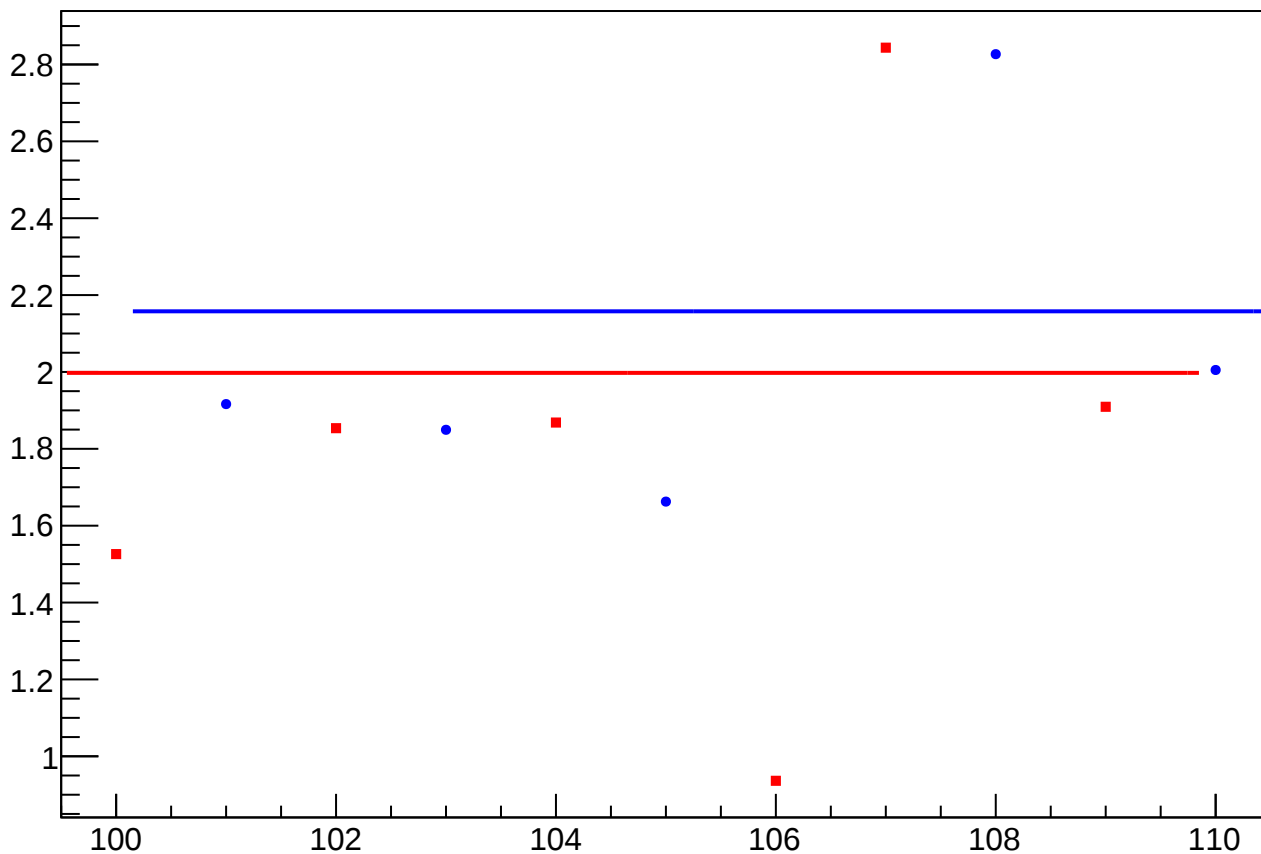
Right Out: 0.004+/-0.000 χ^2/NDF : 452303.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 368043.4/4

0.004+/-0.000 χ^2/NDF : 452303.1/5

yield_bpm0l06X_mean vs slug



Right In: 2.158+/-0.000 χ^2/NDF : 5787543152.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

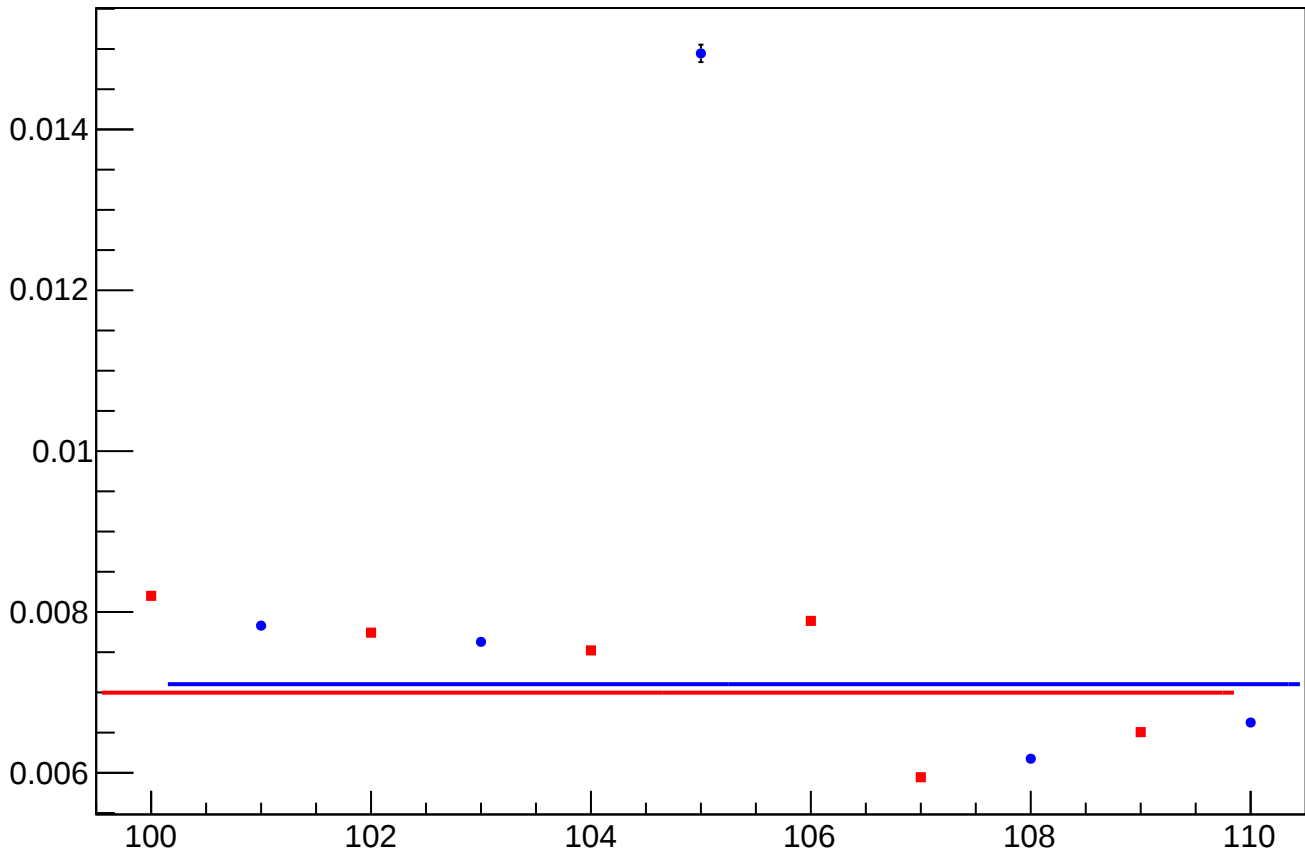
2.158+/-0.000 χ^2/NDF : 5787543152.0/4

Right Out: 1.998+/-0.000 χ^2/NDF : 12405219517.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.998+/-0.000 χ^2/NDF : 12405219517.1/5

yield_bpm0l06X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 39380.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

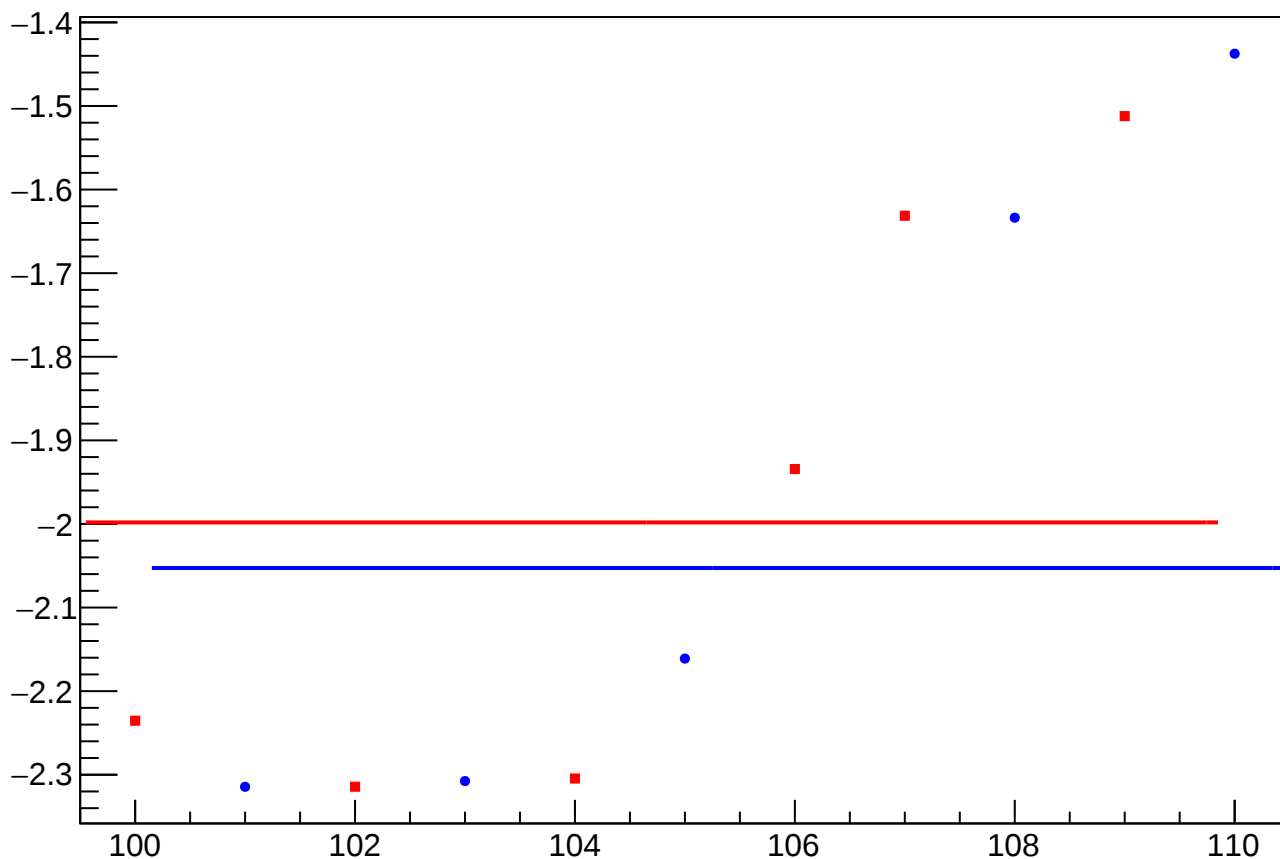
Right Out: 0.007+/-0.000 χ^2/NDF : 51410.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 39380.8/4

0.007+/-0.000 χ^2/NDF : 51410.3/5

yield_bpm0l06Y_mean vs slug



Right In: -2.053+/-0.000 χ^2/NDF : 38465126122.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

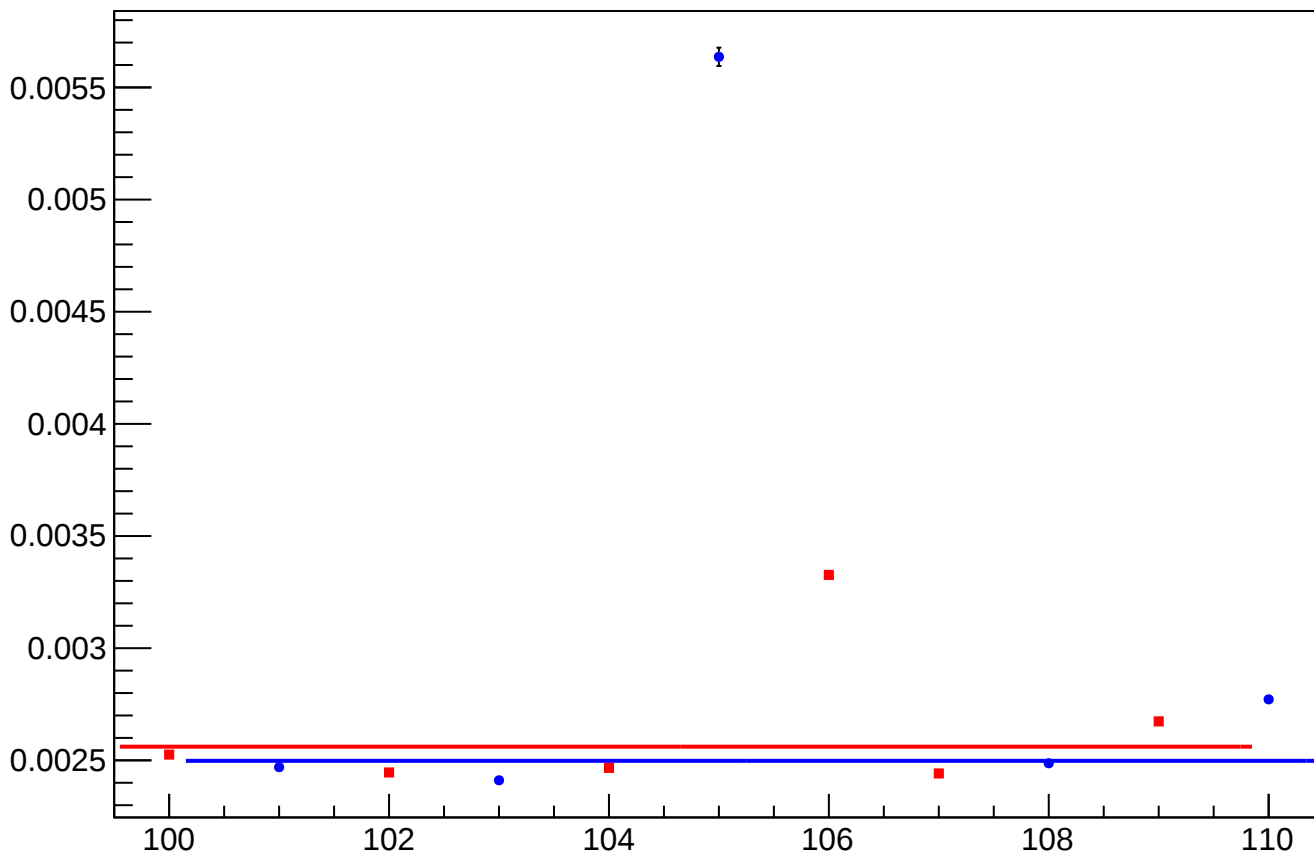
Right Out: -1.998+/-0.000 χ^2/NDF : 40939912651.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.053+/-0.000 χ^2/NDF : 38465126122.3/4

-1.998+/-0.000 χ^2/NDF : 40939912651.4/5

yield_bpm0l06Y_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 13461.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

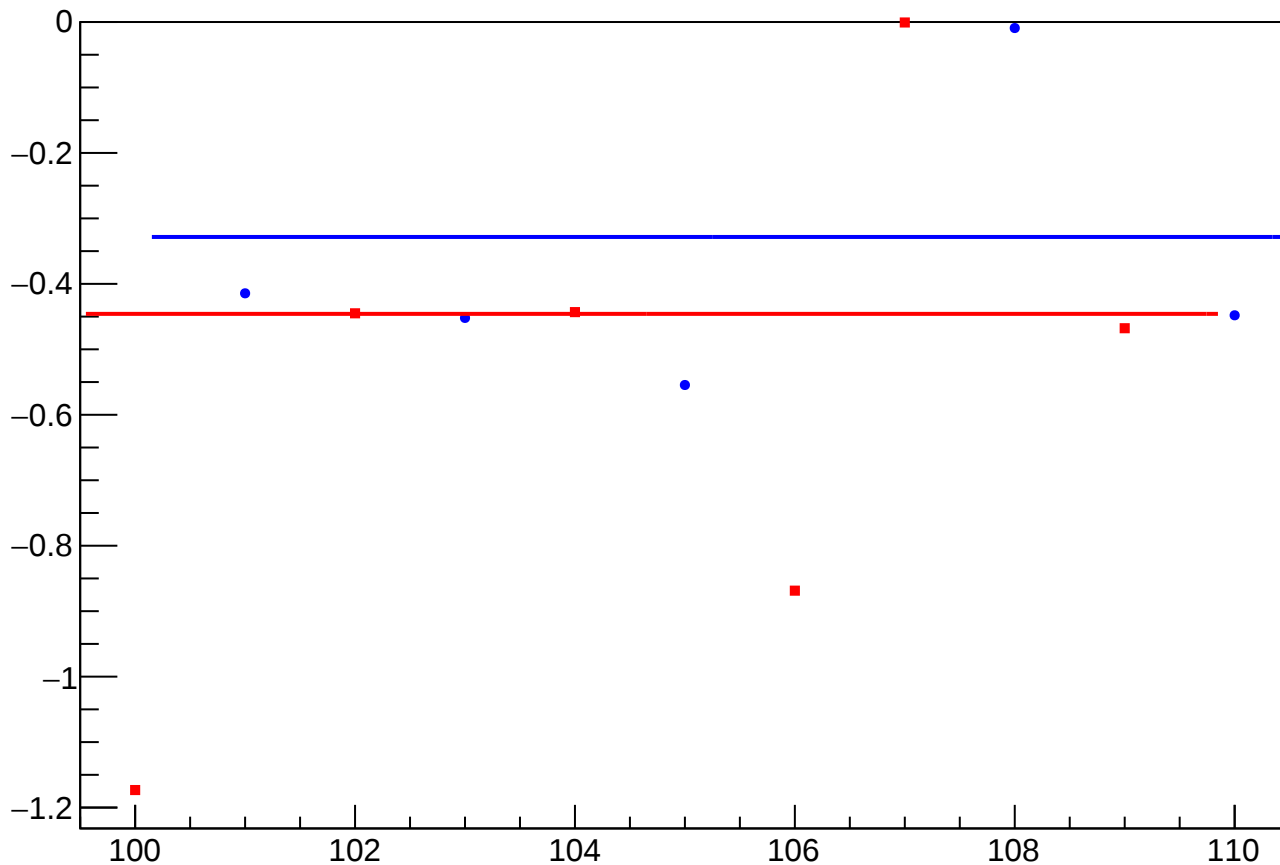
Right Out: 0.003+/-0.000 χ^2/NDF : 34490.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 13461.8/4

0.003+/-0.000 χ^2/NDF : 34490.3/5

yield_bpm0l07X_mean vs slug



Right In: -0.328+/-0.000 χ^2/NDF : 472262853.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

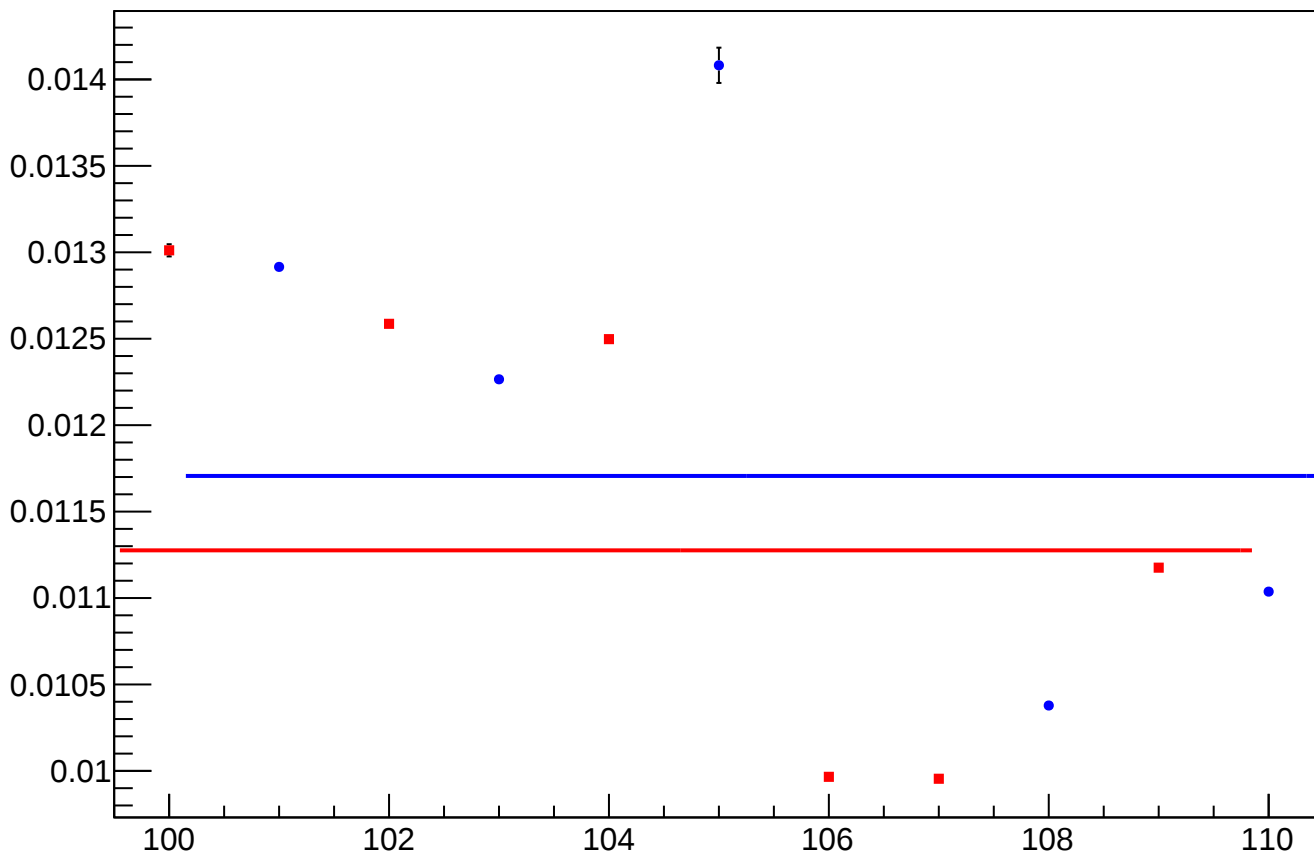
Right Out: -0.446+/-0.000 χ^2/NDF : 1432571953.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.328+/-0.000 χ^2/NDF : 472262853.7/4

-0.446+/-0.000 χ^2/NDF : 1432571953.9/5

yield_bpm0l07X_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 27442.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

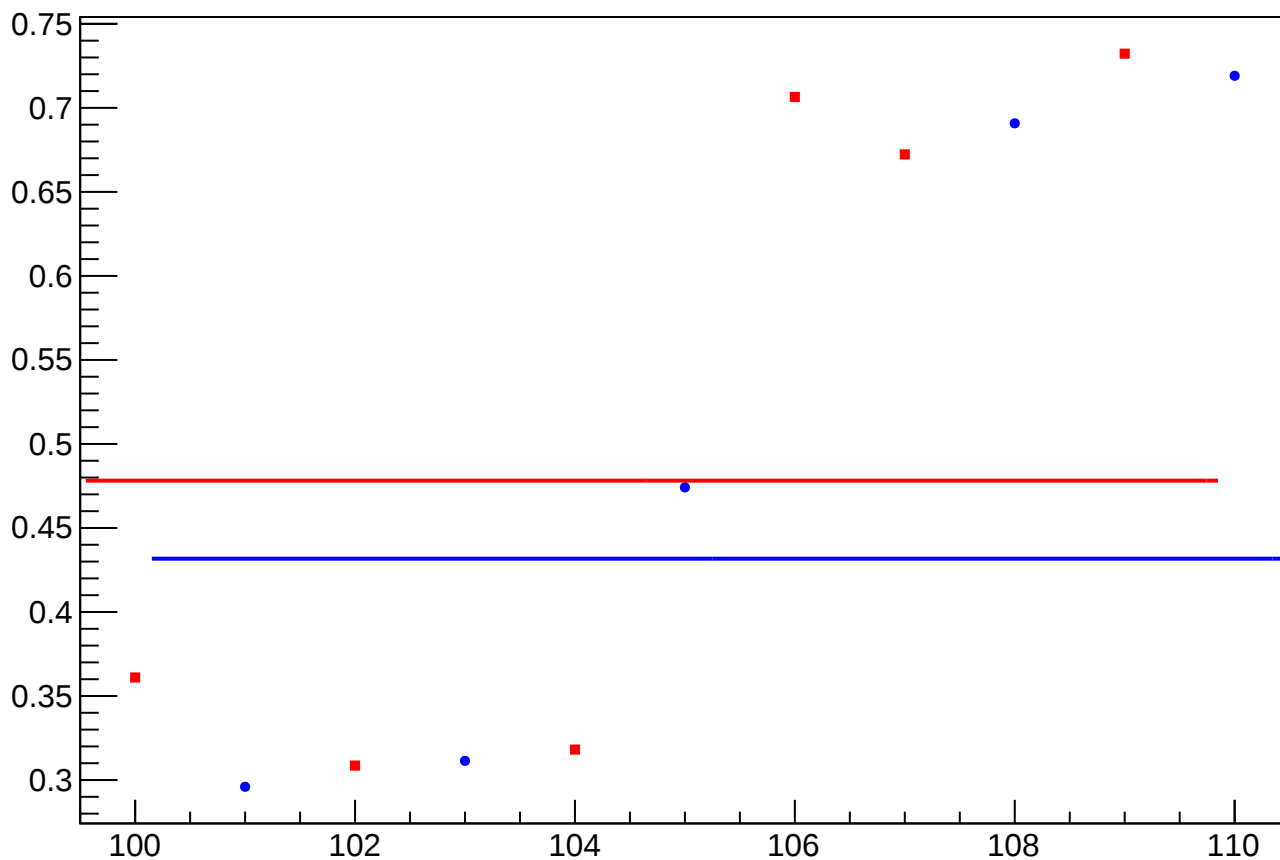
Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 45529.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 27442.7/4

0.011 $\pm$ 0.000 χ^2 /NDF: 45529.0/5

yield_bpm0l07Y_mean vs slug



Right In: 0.432+/-0.000 χ^2/NDF : 10084108155.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

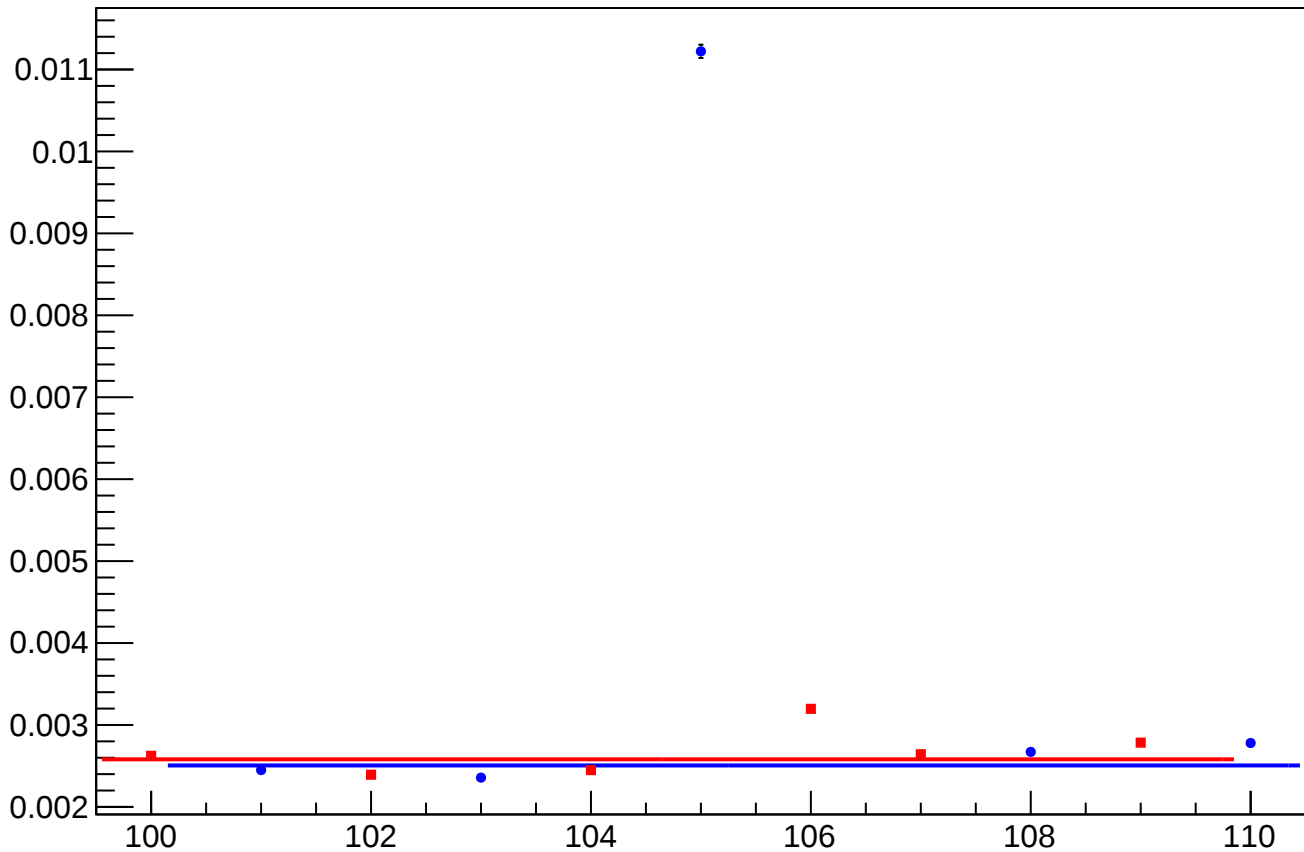
Right Out: 0.478+/-0.000 χ^2/NDF : 11773865664.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.432+/-0.000 χ^2/NDF : 10084108155.3/4

0.478+/-0.000 χ^2/NDF : 11773865664.2/5

yield_bpm0l07Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 25478.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

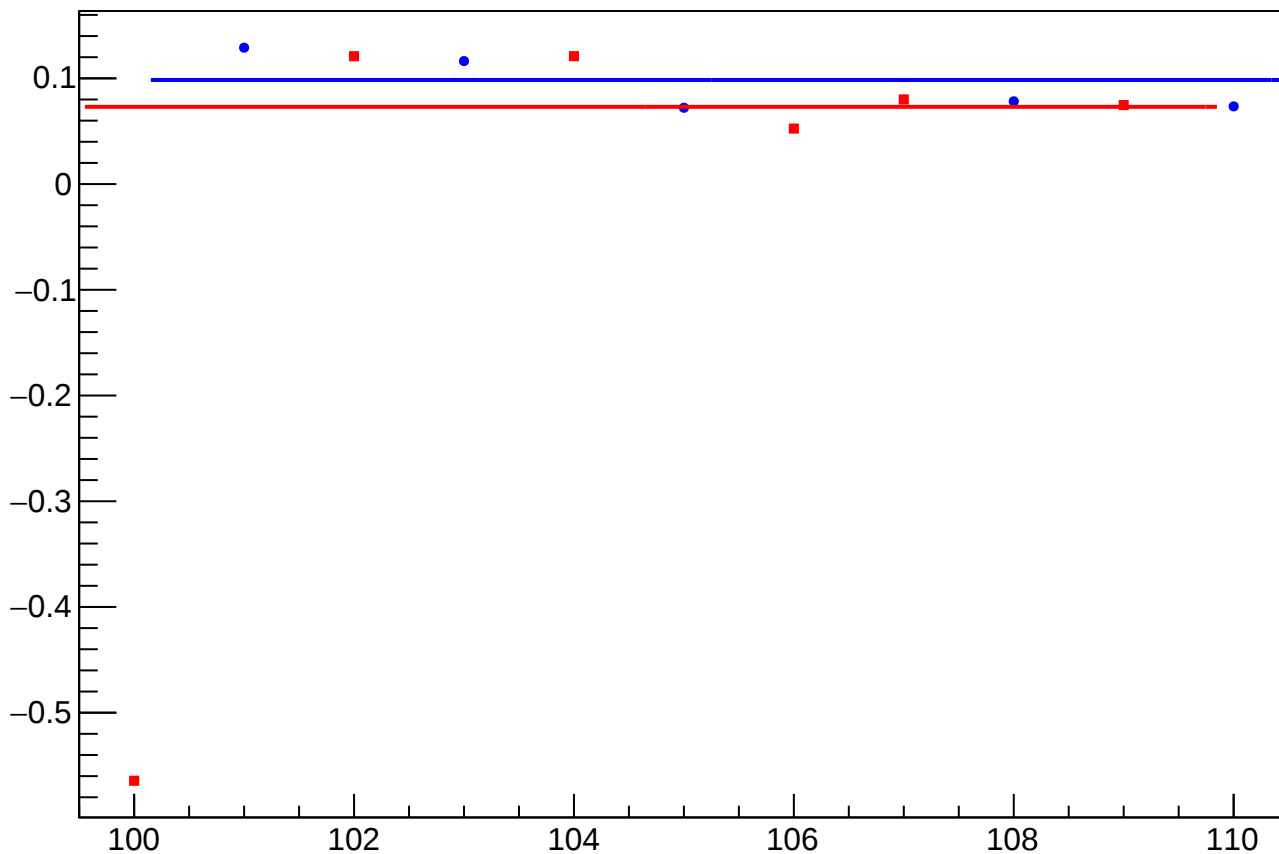
Right Out: 0.003+/-0.000 χ^2/NDF : 29900.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 25478.9/4

0.003+/-0.000 χ^2/NDF : 29900.3/5

yield_bpm0l08X_mean vs slug



Right In: 0.098+/-0.000 χ^2/NDF : 9589910.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

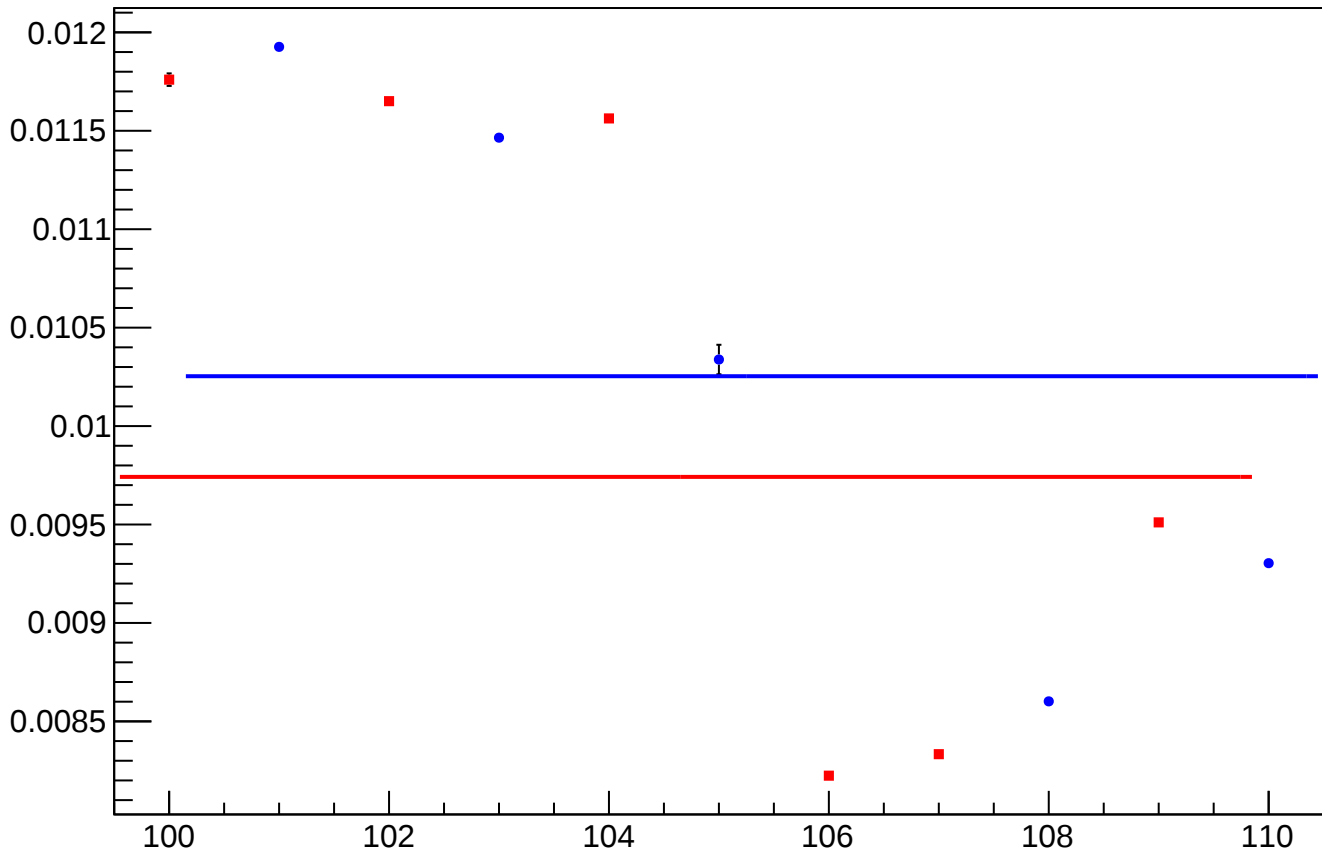
Right Out: 0.073+/-0.000 χ^2/NDF : 219488293.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.098+/-0.000 χ^2/NDF : 9589910.7/4

0.073+/-0.000 χ^2/NDF : 219488293.7/5

yield_bpm0l08X_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 69130.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

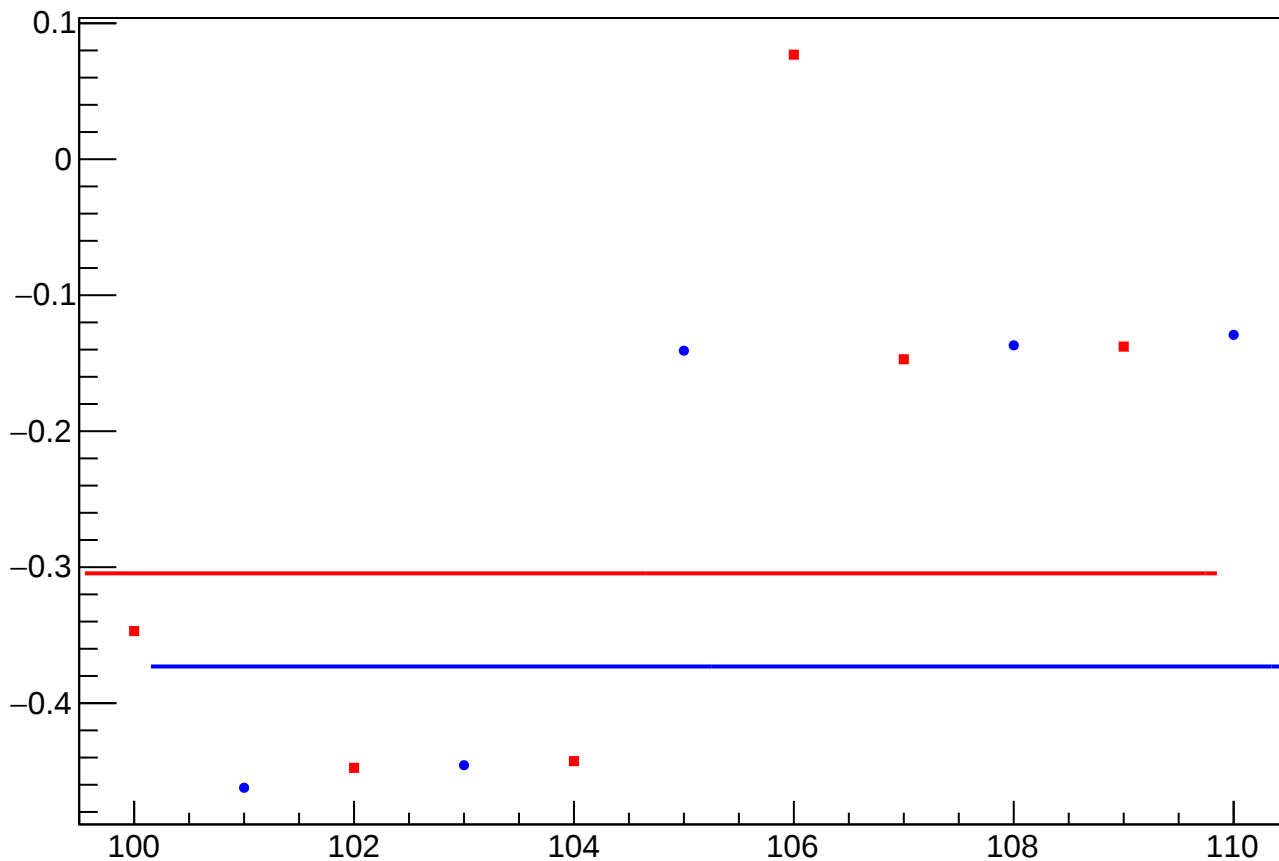
Right Out: 0.010+/-0.000 χ^2/NDF : 96854.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 69130.6/4

0.010+/-0.000 χ^2/NDF : 96854.6/5

yield_bpm0l08Y_mean vs slug



Right In: -0.373+/-0.000 χ^2/NDF : 2288396625.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

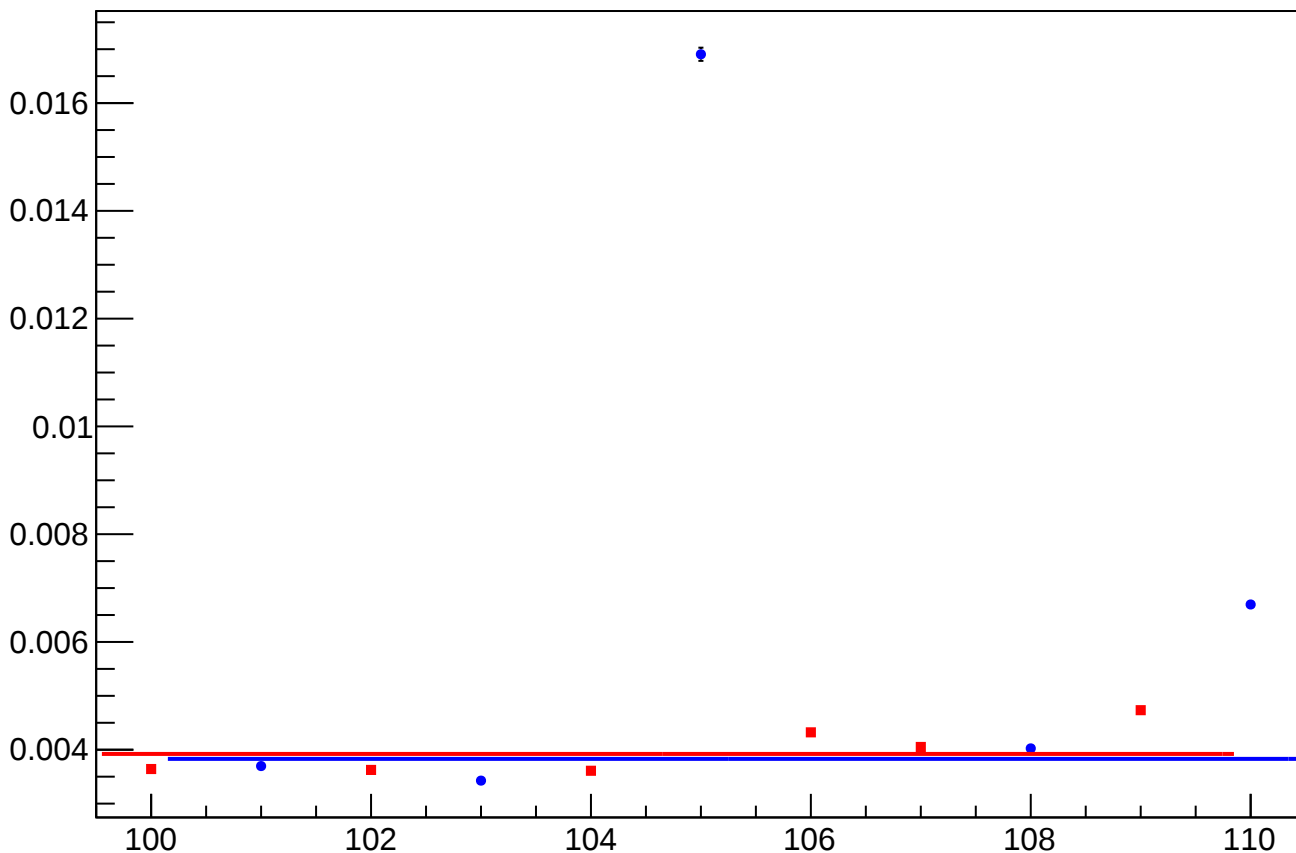
-0.373+/-0.000 χ^2/NDF : 2288396625.9/4

Right Out: -0.305+/-0.000 χ^2/NDF : 4178442712.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.305+/-0.000 χ^2/NDF : 4178442712.2/5

yield_bpm0l08Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 143323.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

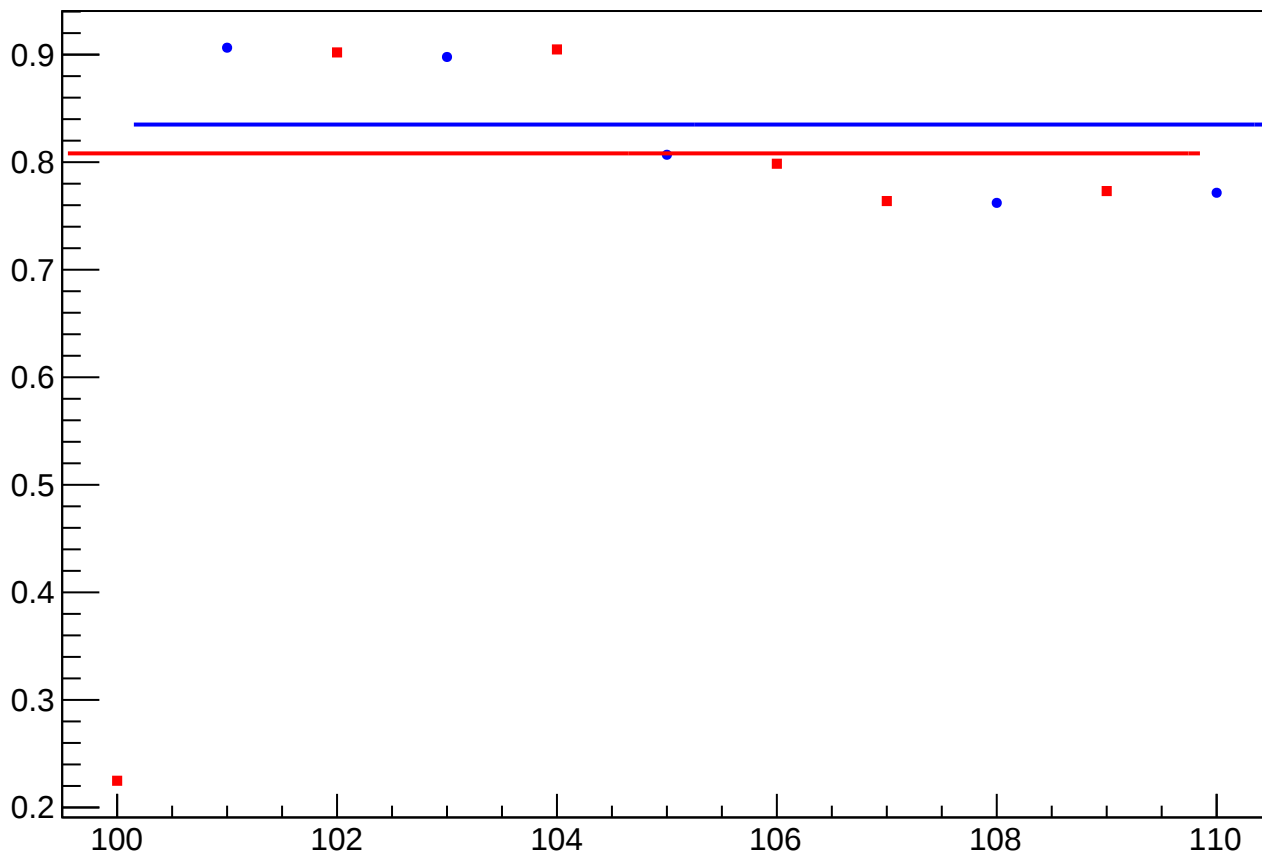
Right Out: 0.004+/-0.000 χ^2/NDF : 47970.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 143323.1/4

0.004+/-0.000 χ^2/NDF : 47970.6/5

yield_bpm0l09X_mean vs slug



Right In: 0.835+/-0.000 χ^2/NDF : 65959225.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

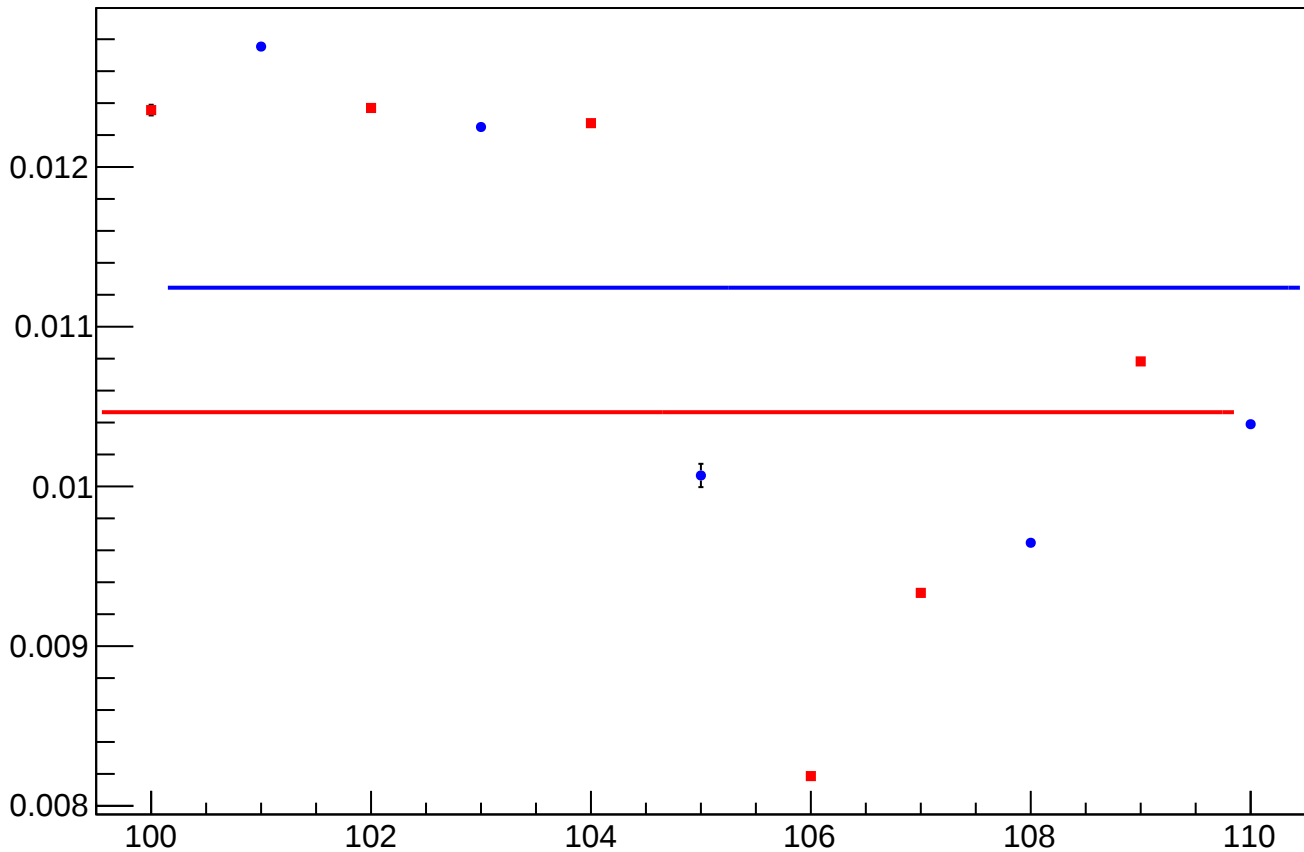
Right Out: 0.808+/-0.000 χ^2/NDF : 225867222.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.835+/-0.000 χ^2/NDF : 65959225.8/4

0.808+/-0.000 χ^2/NDF : 225867222.5/5

yield_bpm0l09X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 48474.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

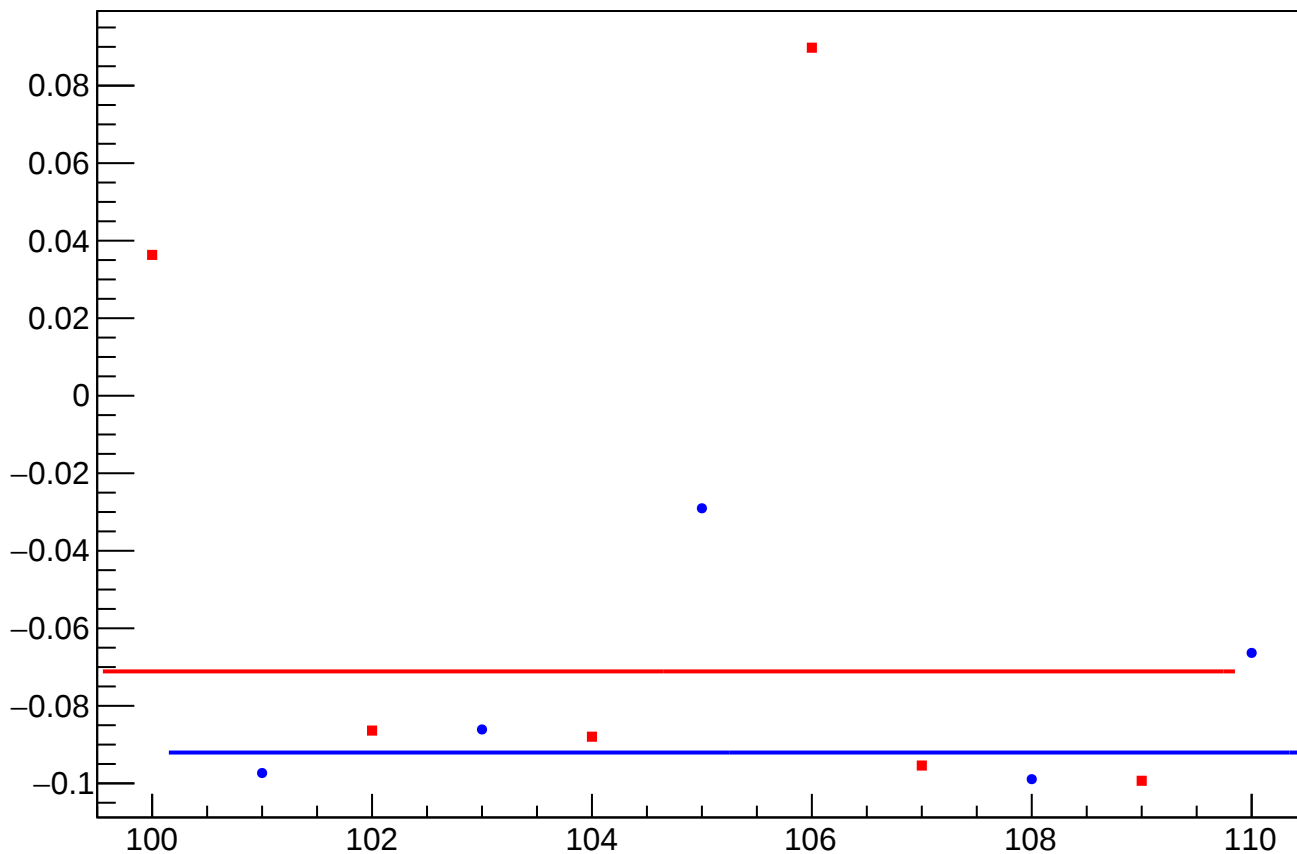
0.011+/-0.000 χ^2/NDF : 48474.0/4

Right Out: 0.010+/-0.000 χ^2/NDF : 105601.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 105601.1/5

yield_bpm0l09Y_mean vs slug



Right In: -0.092+/-0.000 χ^2/NDF : 7148655.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

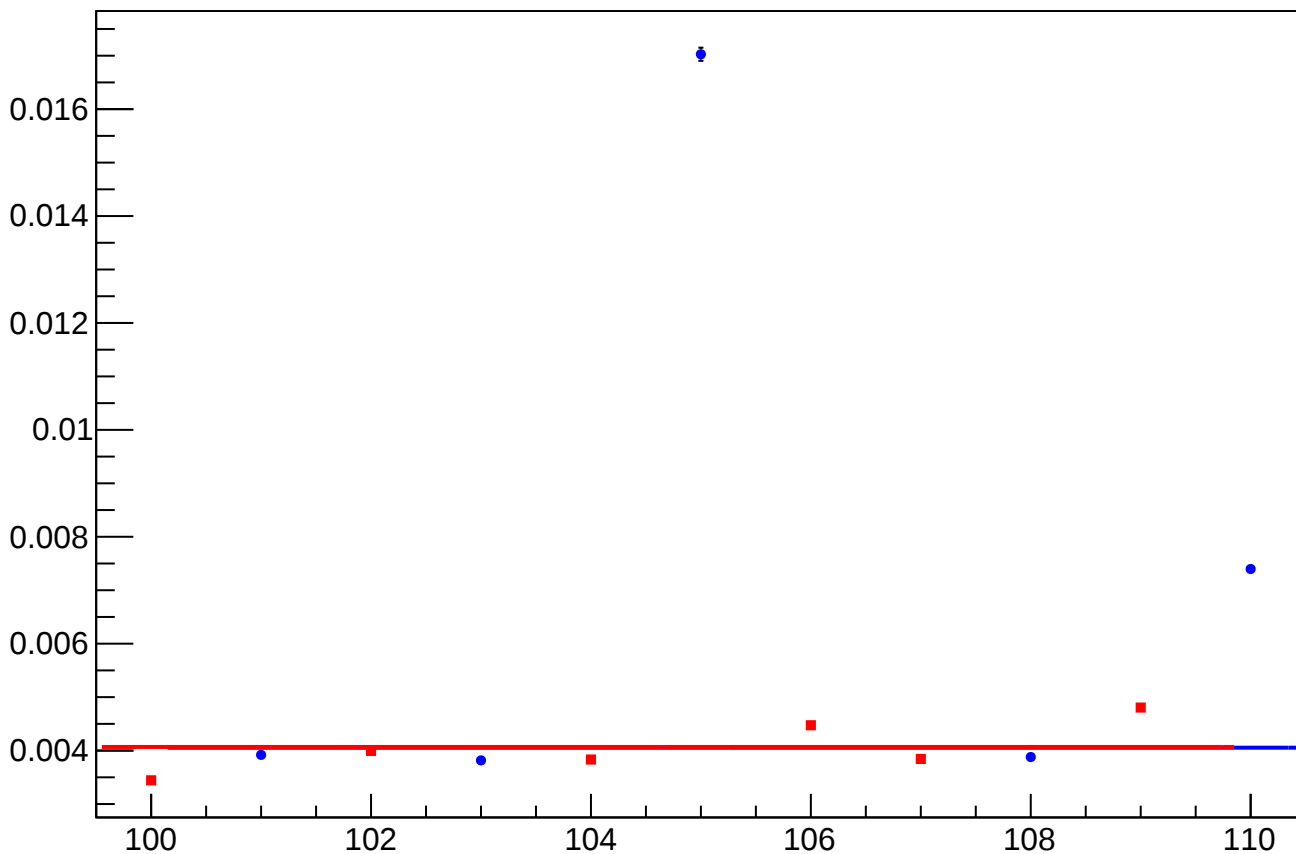
Right Out: -0.071+/-0.000 χ^2/NDF : 363303846.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.092+/-0.000 χ^2/NDF : 7148655.6/4

-0.071+/-0.000 χ^2/NDF : 363303846.1/5

yield_bpm0l09Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 136622.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

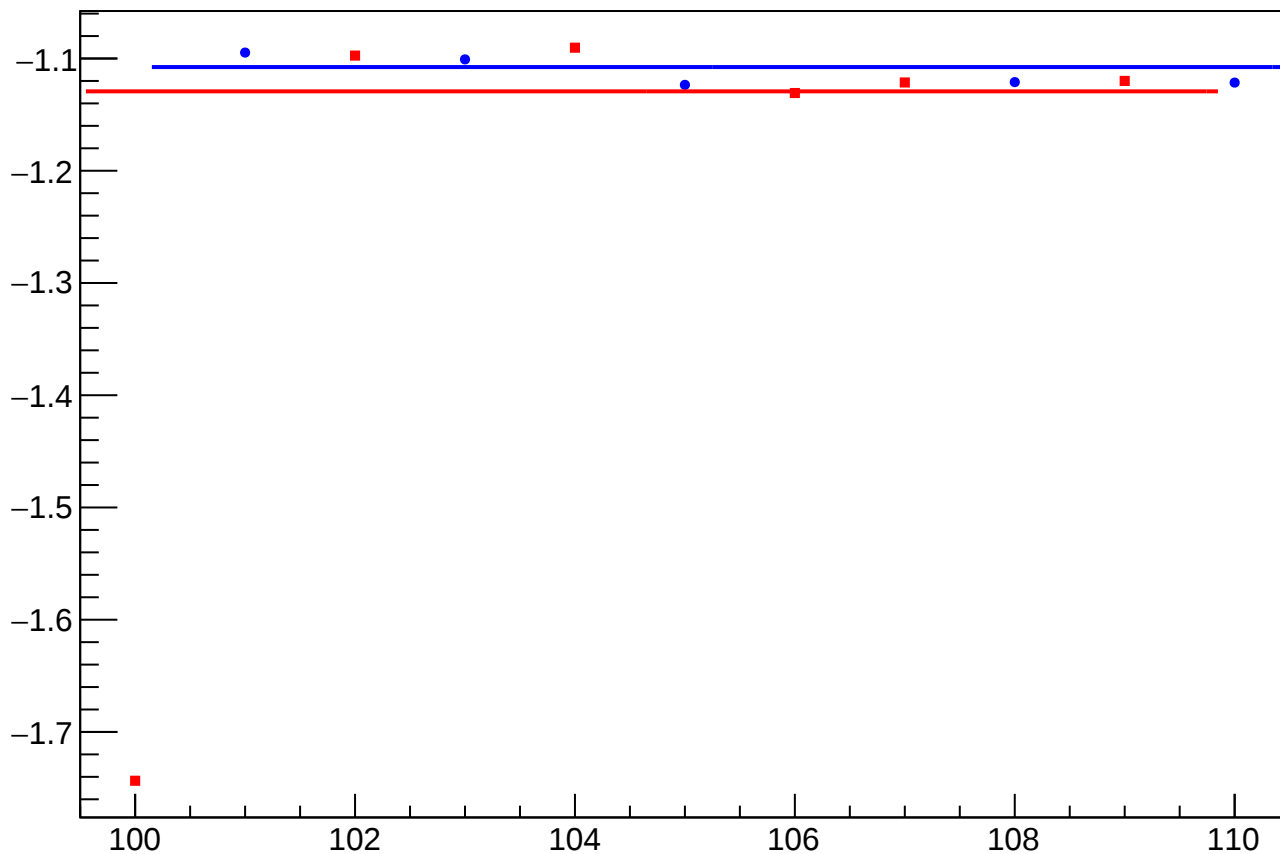
Right Out: 0.004+/-0.000 χ^2/NDF : 35915.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 136622.0/4

0.004+/-0.000 χ^2/NDF : 35915.7/5

yield_bpm0l10X_mean vs slug



Right In: -1.108+/-0.000 χ^2/NDF : 1932398.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

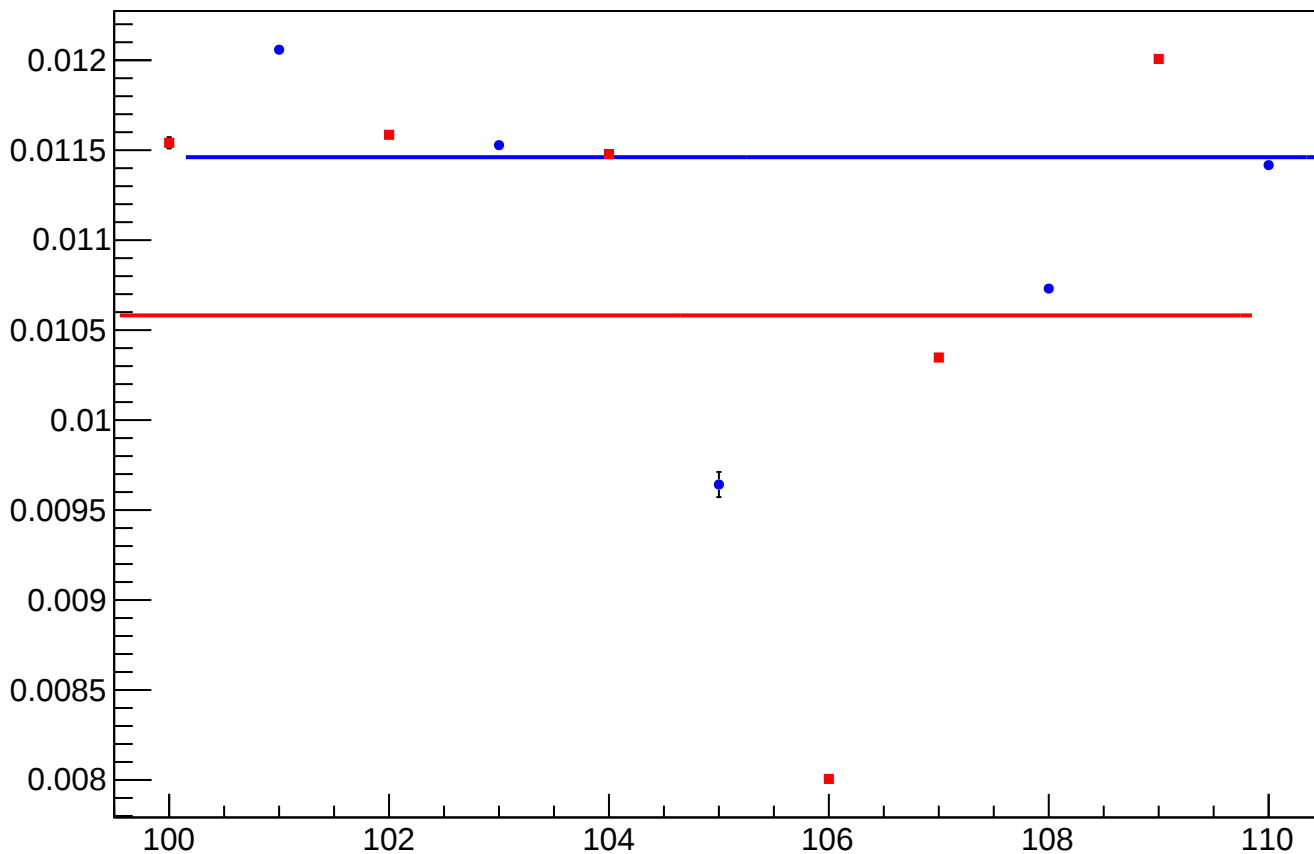
Right Out: -1.129+/-0.000 χ^2/NDF : 204097900.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.108+/-0.000 χ^2/NDF : 1932398.9/4

-1.129+/-0.000 χ^2/NDF : 204097900.5/5

yield_bpm0l10X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 6934.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

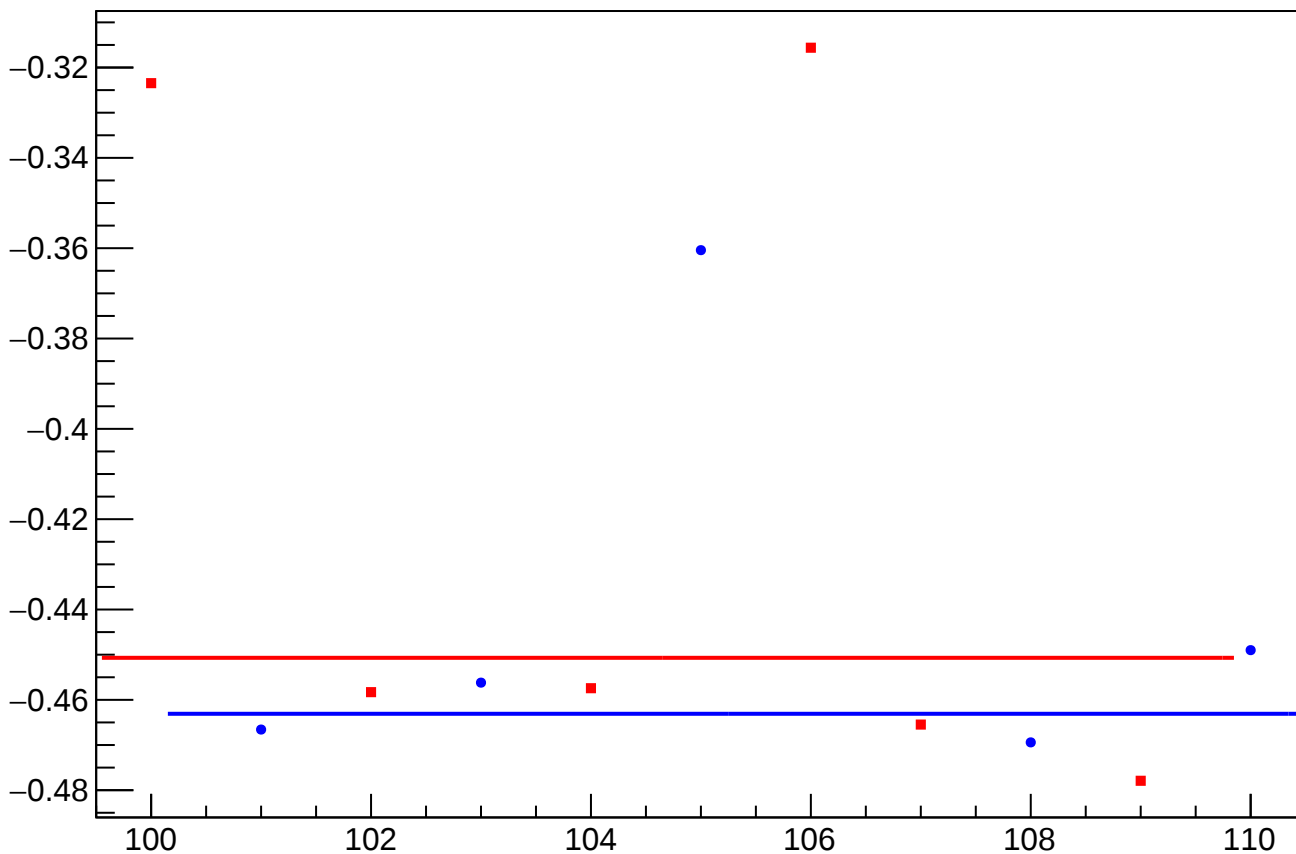
Right Out: 0.011+/-0.000 χ^2/NDF : 89706.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 6934.7/4

0.011+/-0.000 χ^2/NDF : 89706.7/5

yield_bpm0l10Y_mean vs slug



Right In: -0.463+/-0.000 χ^2/NDF : 6019557.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

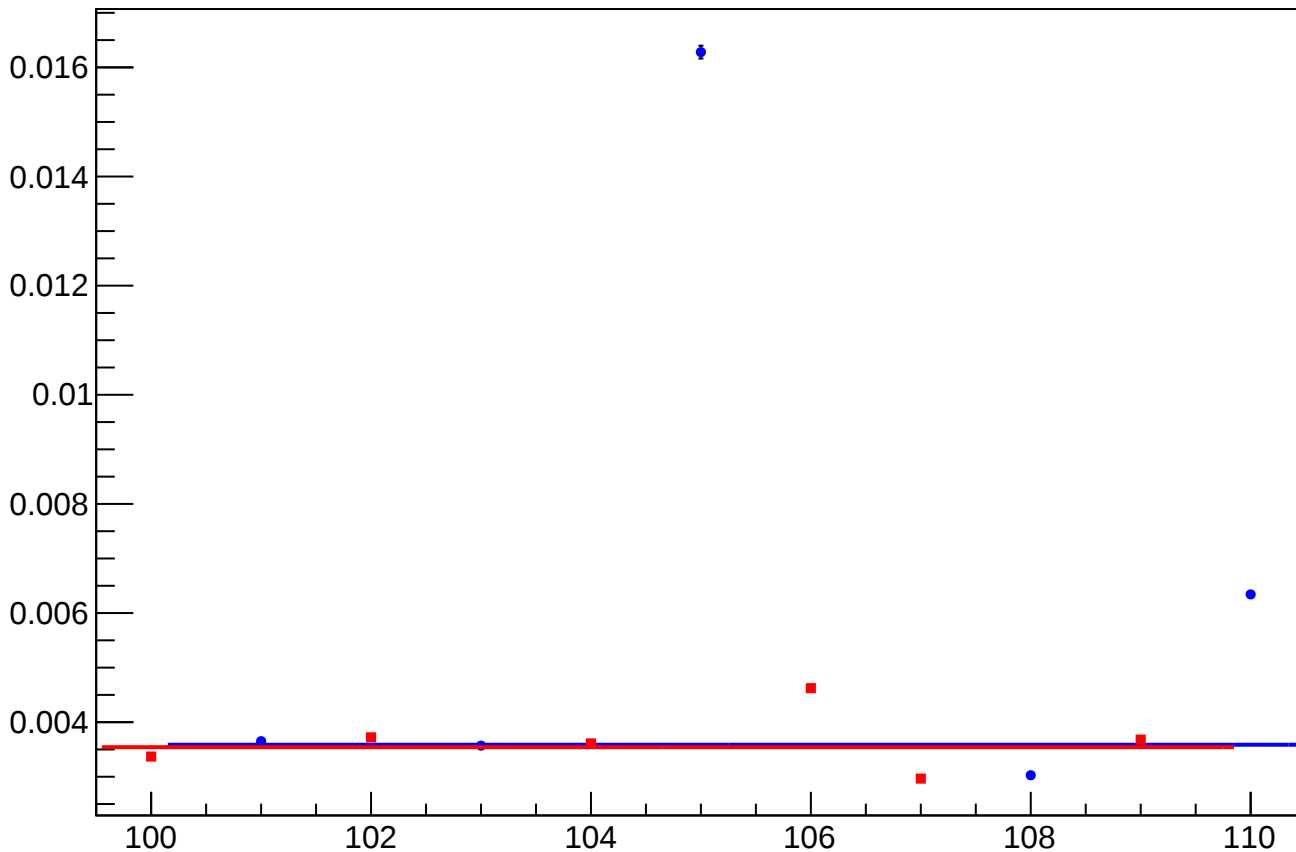
-0.463+/-0.000 χ^2/NDF : 6019557.1/4

Right Out: -0.451+/-0.000 χ^2/NDF : 306547997.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.451+/-0.000 χ^2/NDF : 306547997.3/5

yield_bpm0l10Y_rms vs slug



Right In: 0.004 ± 0.000 $\chi^2/\text{NDF}: 148167.4/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

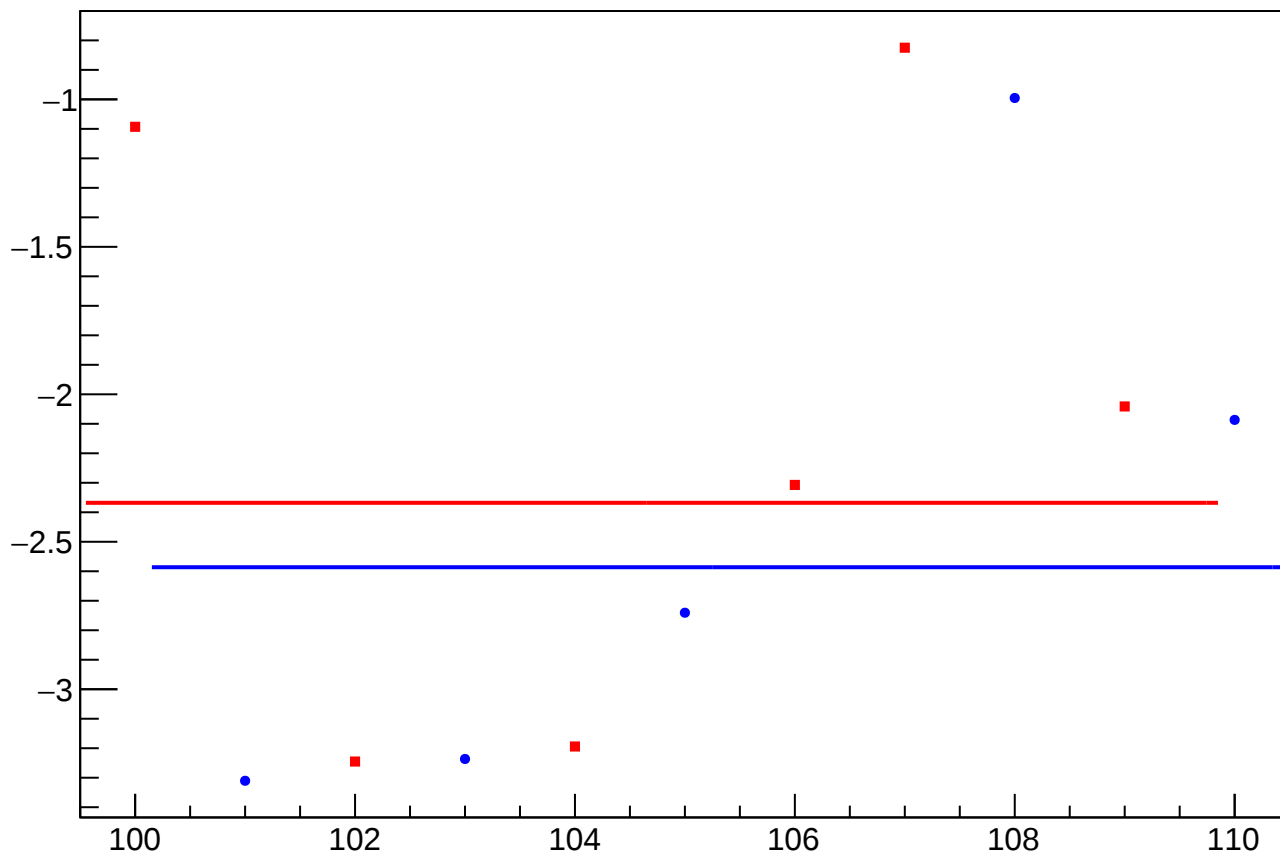
Right Out: 0.004 ± 0.000 $\chi^2/\text{NDF}: 52889.1/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.004 ± 0.000 $\chi^2/\text{NDF}: 148167.4/4$

0.004 ± 0.000 $\chi^2/\text{NDF}: 52889.1/5$

yield_bpm0r03X_mean vs slug



Right In: -2.586+/-0.000 χ^2/NDF : 305894384.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

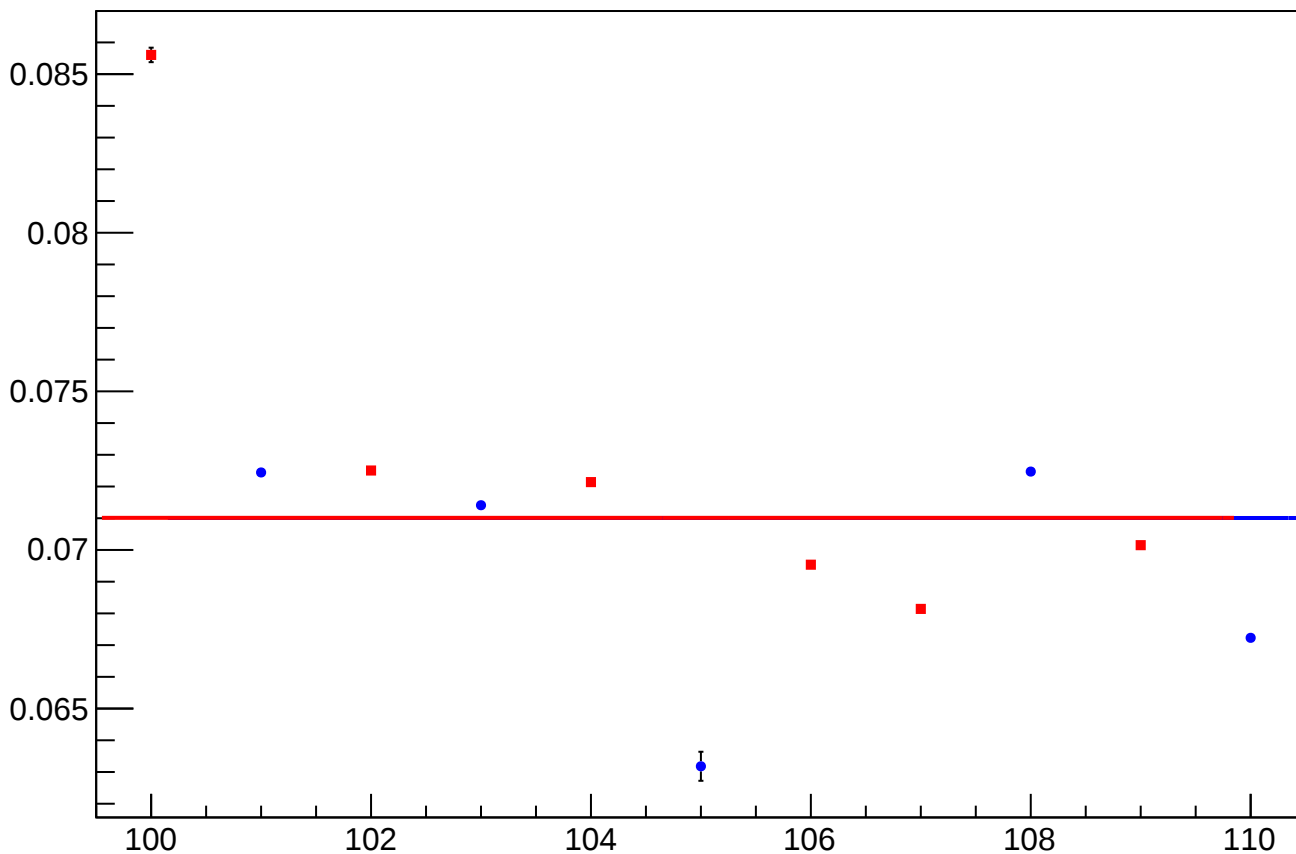
Right Out: -2.368+/-0.000 χ^2/NDF : 348497229.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.586+/-0.000 χ^2/NDF : 305894384.0/4

-2.368+/-0.000 χ^2/NDF : 348497229.5/5

yield_bpm0r03X_rms vs slug



Right In: 0.071+/-0.000 χ^2/NDF : 3284.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

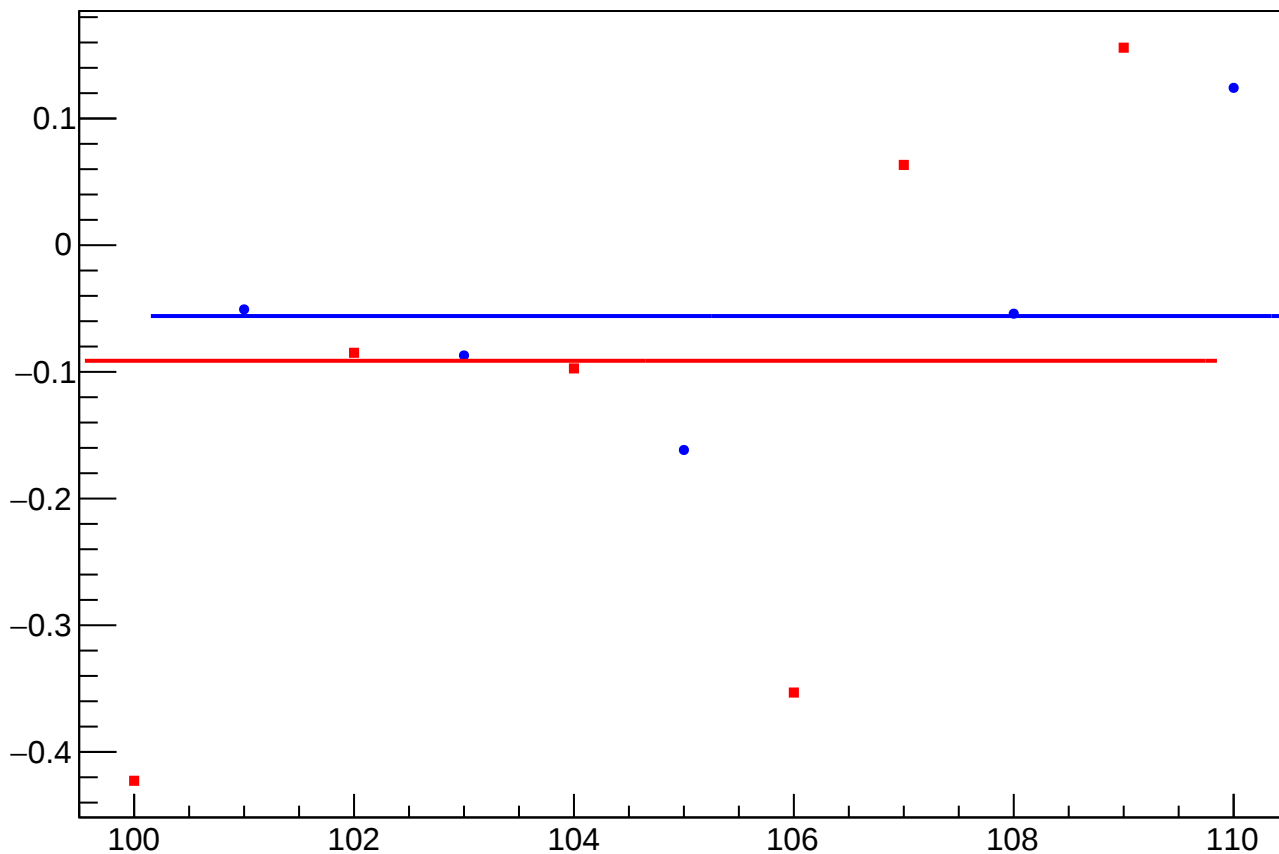
Right Out: 0.071+/-0.000 χ^2/NDF : 6439.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.071+/-0.000 χ^2/NDF : 3284.4/4

0.071+/-0.000 χ^2/NDF : 6439.8/5

yield_bpm0r03Y_mean vs slug



Right In: -0.056+/-0.000 χ^2/NDF : 38858073.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

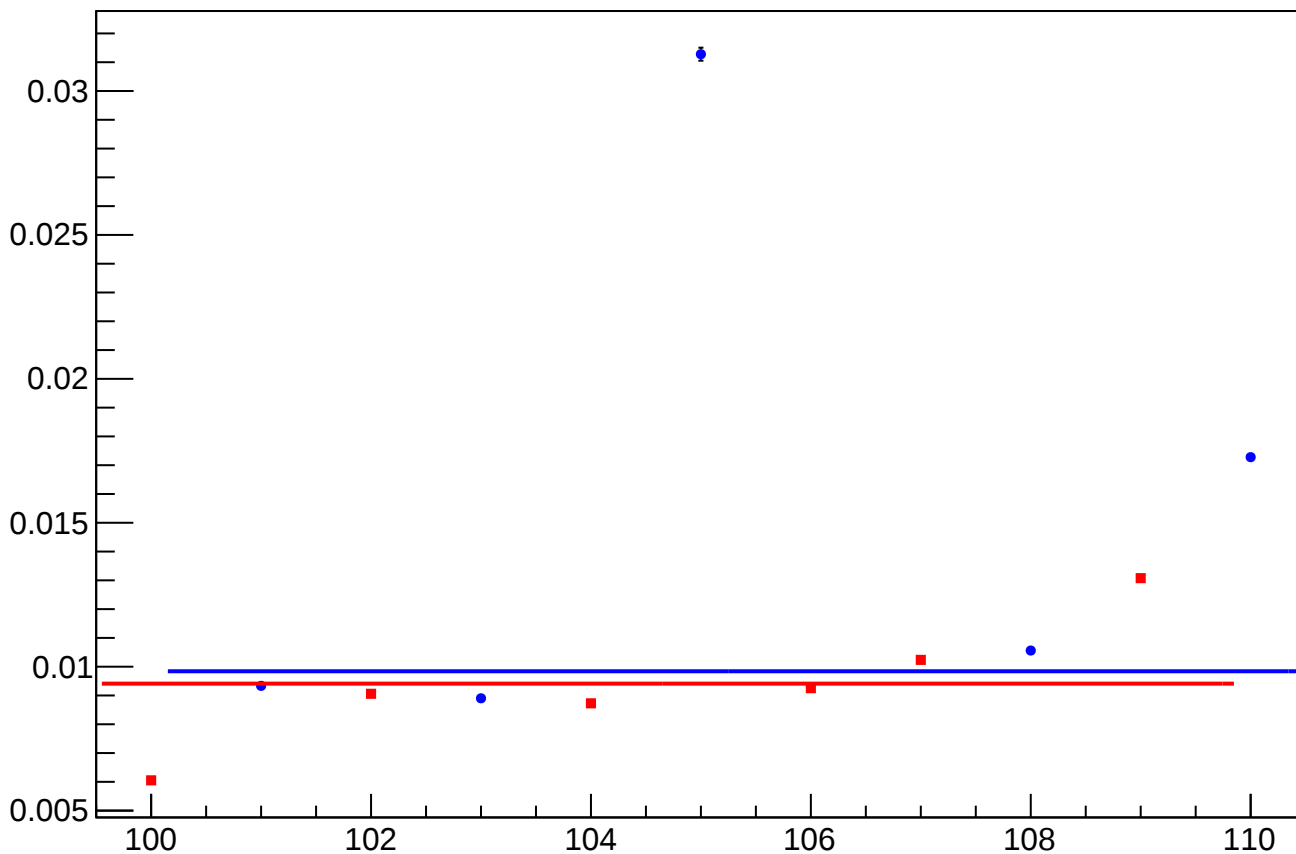
Right Out: -0.091+/-0.000 χ^2/NDF : 619288638.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.056+/-0.000 χ^2/NDF : 38858073.5/4

-0.091+/-0.000 χ^2/NDF : 619288638.8/5

yield_bpm0r03Y_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 136396.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

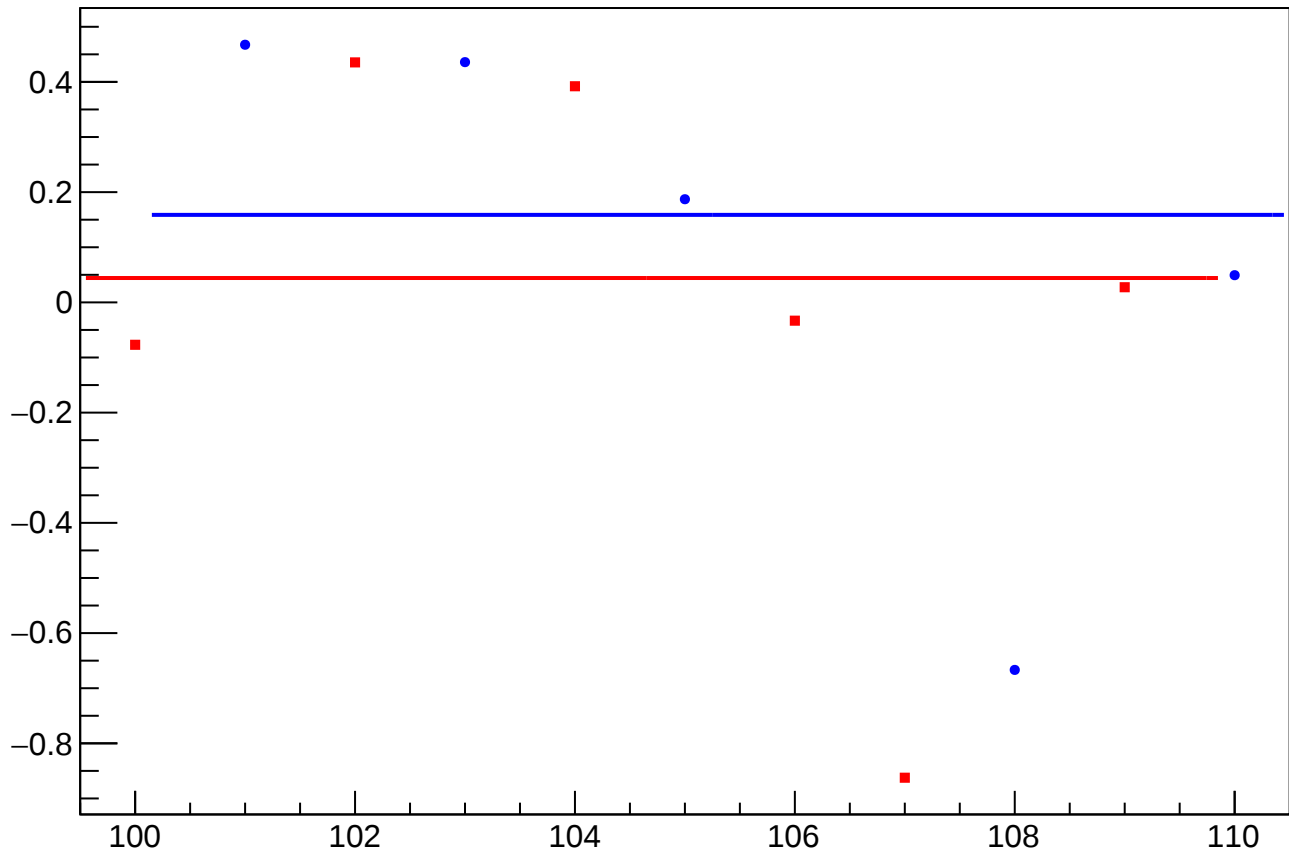
Right Out: 0.009+/-0.000 χ^2/NDF : 132367.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 136396.1/4

0.009+/-0.000 χ^2/NDF : 132367.1/5

yield_bpm0r05X_mean vs slug



Right In: 0.159+/-0.000 χ^2/NDF : 44163444.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

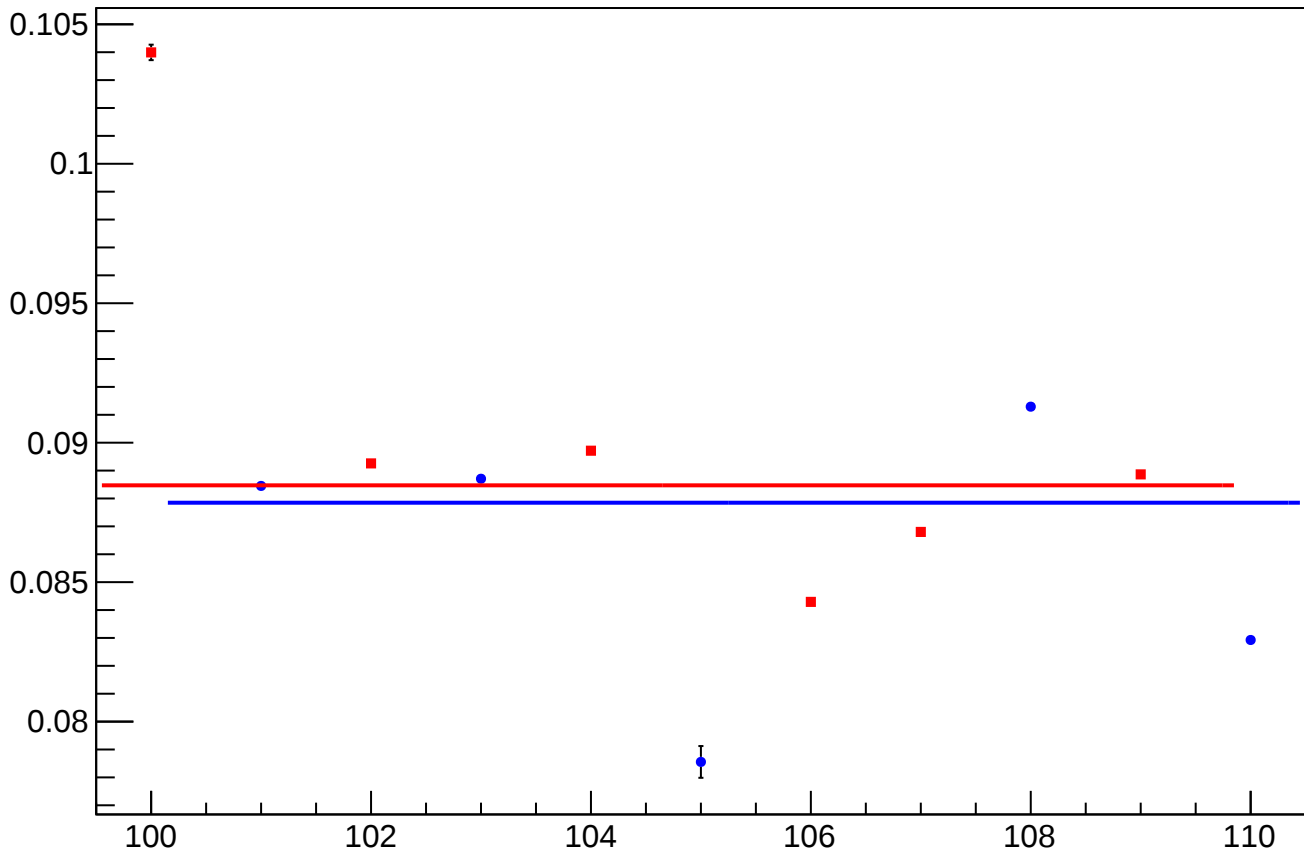
0.159+/-0.000 χ^2/NDF : 44163444.7/4

Right Out: 0.044+/-0.000 χ^2/NDF : 56682924.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.044+/-0.000 χ^2/NDF : 56682924.6/5

yield_bpm0r05X_rms vs slug



Right In: 0.088+/-0.000 χ^2/NDF : 3949.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

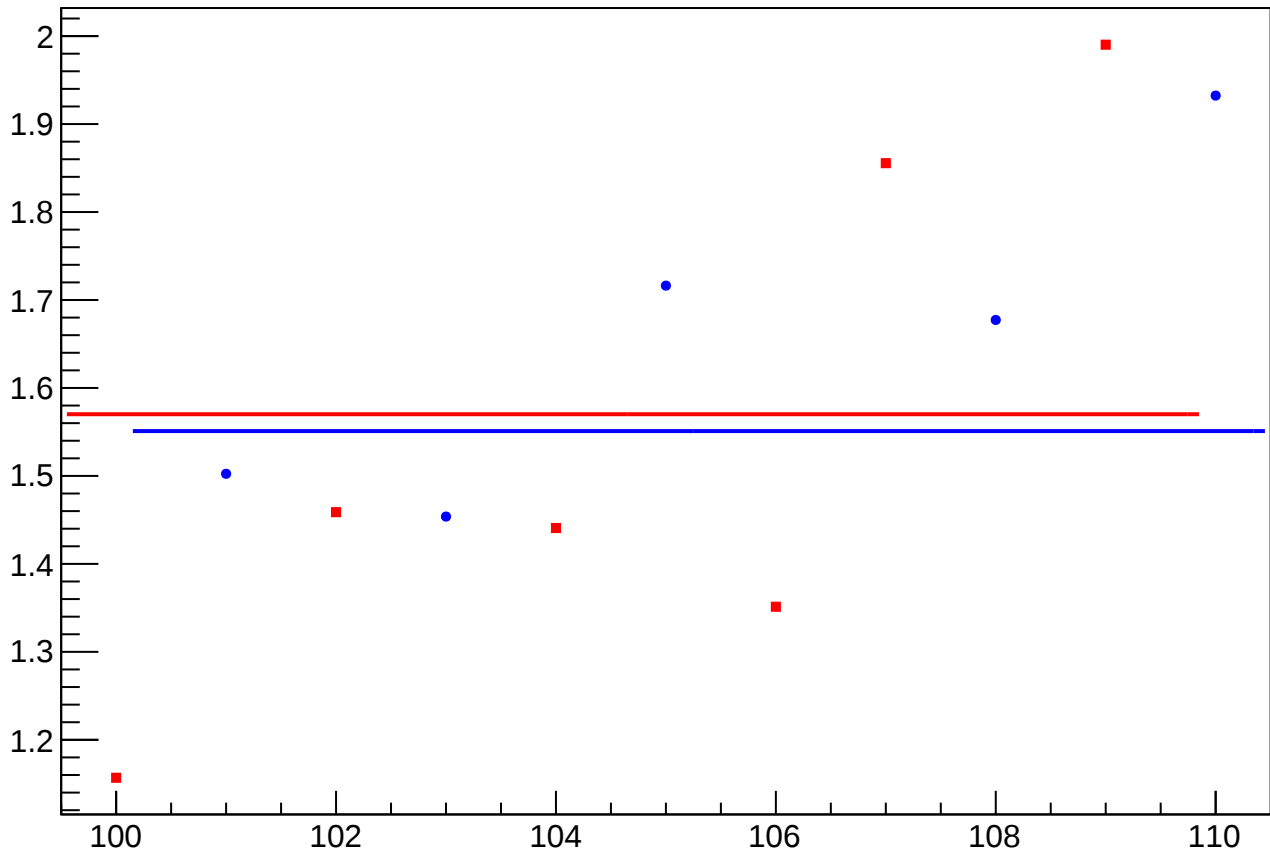
Right Out: 0.088+/-0.000 χ^2/NDF : 5165.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.088+/-0.000 χ^2/NDF : 3949.9/4

0.088+/-0.000 χ^2/NDF : 5165.0/5

yield_bpm0r05Y_mean vs slug



Right In: 1.551+/-0.000 χ^2/NDF : 158739760.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

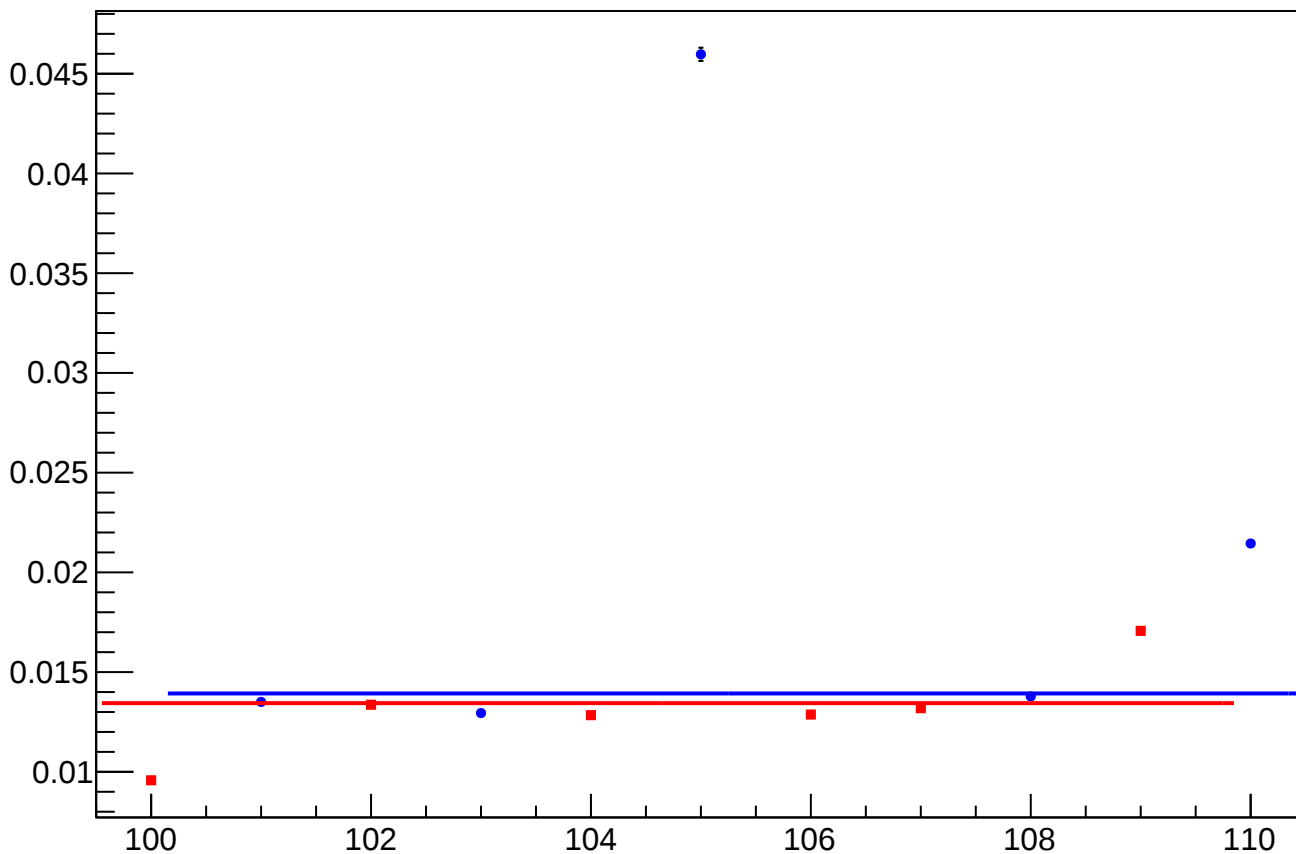
1.551+/-0.000 χ^2/NDF : 158739760.3/4

Right Out: 1.570+/-0.000 χ^2/NDF : 728229625.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.570+/-0.000 χ^2/NDF : 728229625.5/5

yield_bpm0r05Y_rms vs slug



Right In: 0.014+/-0.000 χ^2/NDF : 87309.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

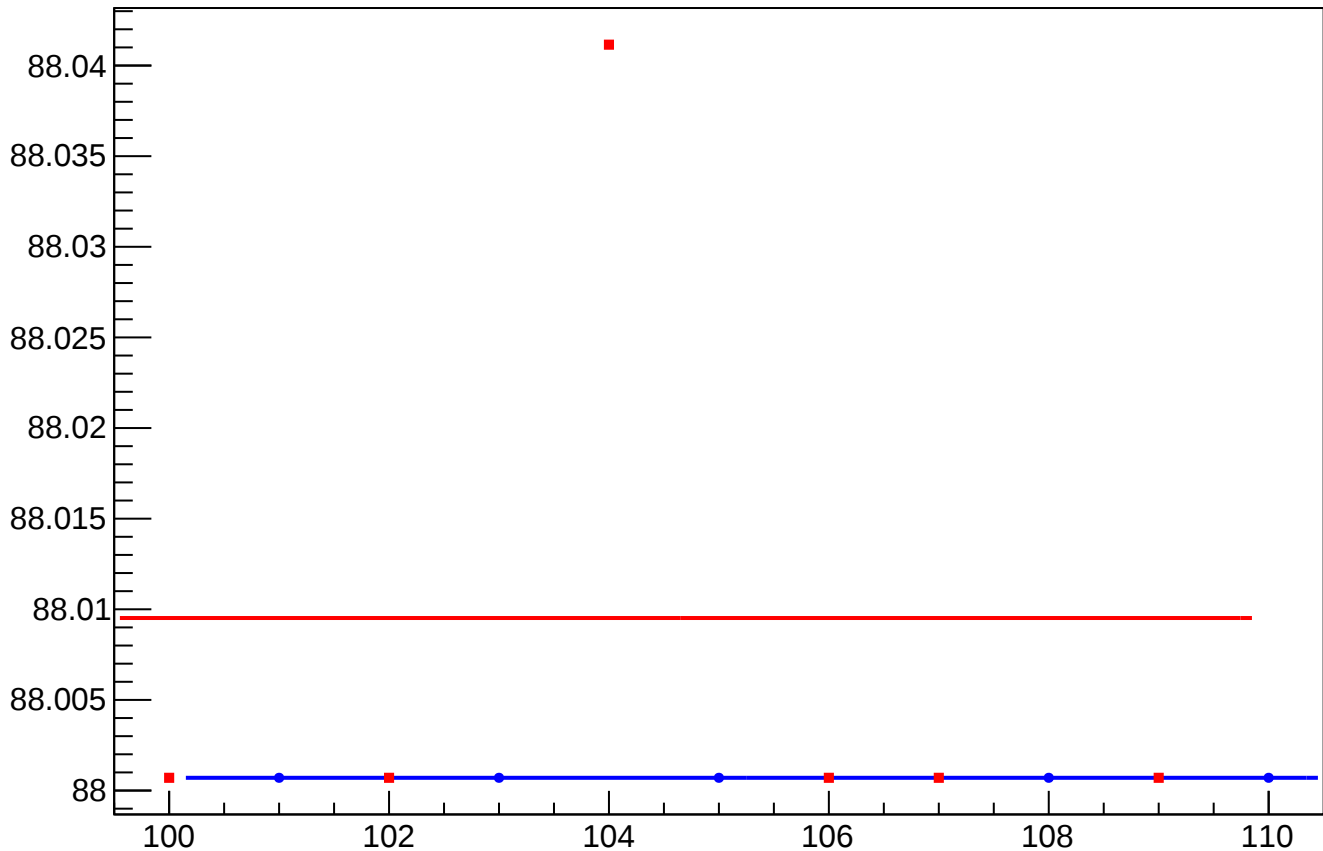
Right Out: 0.013+/-0.000 χ^2/NDF : 70088.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 87309.7/4

0.013+/-0.000 χ^2/NDF : 70088.0/5

epics_VWienAngles_mean vs slug



Right In: 88.001+/-0.000 χ^2/NDF : 617154.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

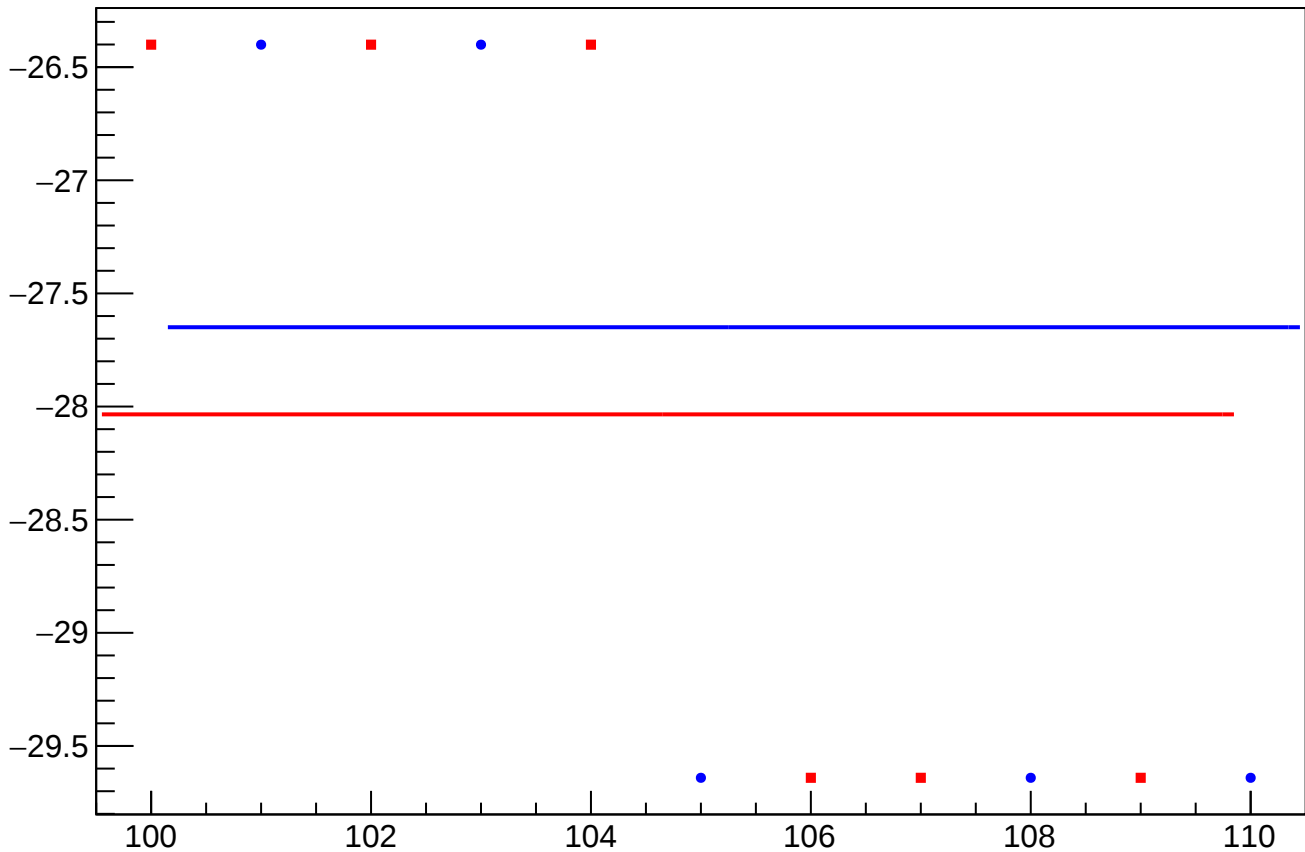
88.001+/-0.000 χ^2/NDF : 617154.3/4

Right Out: 88.010+/-0.000 χ^2/NDF : 65254236180850463484166537216.0/5

88.010+/-0.000 χ^2/NDF : 652542361808504634

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_HWienAngles_mean vs slug



Right In: -27.649+/-0.000 χ^2/NDF : 477422100000012800709316650729472.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

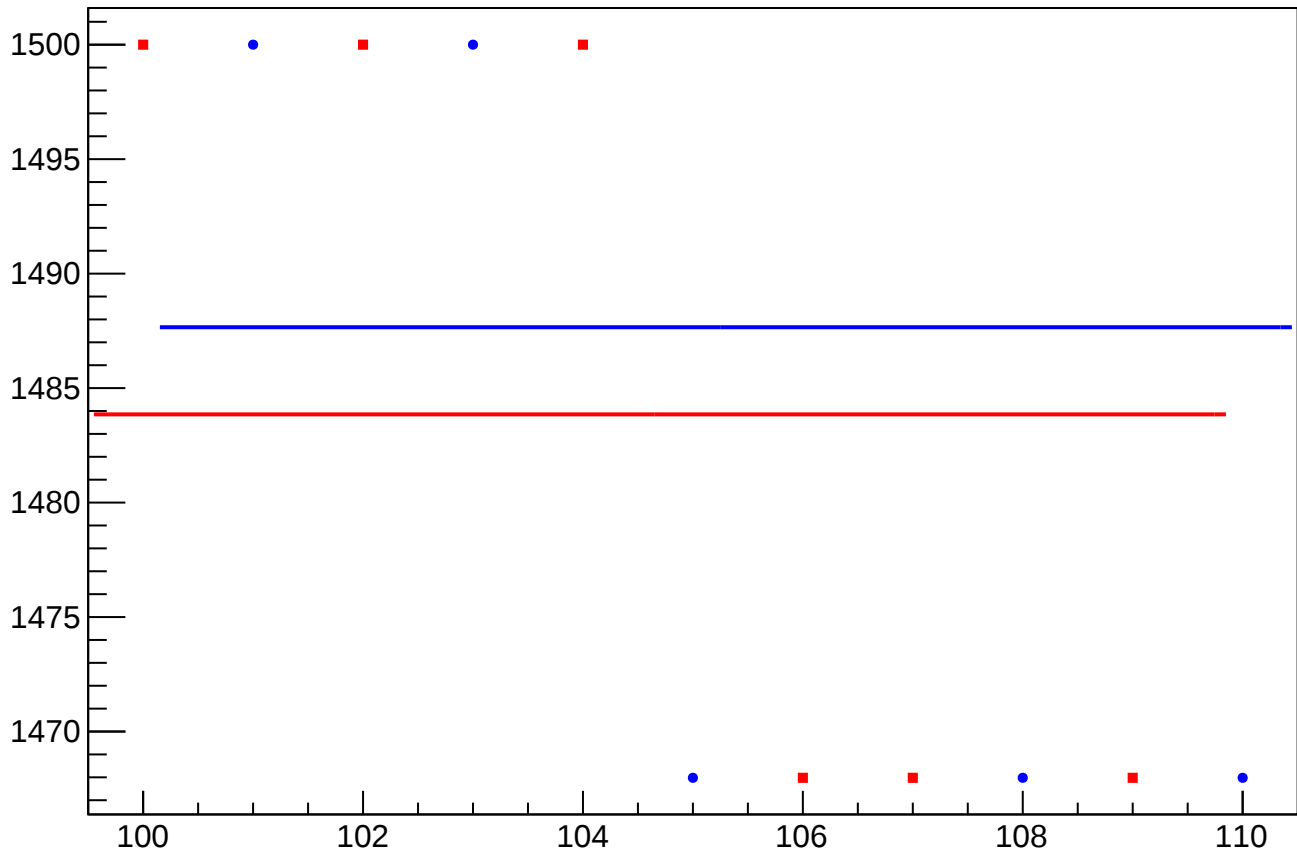
-27.649+/-0.000 χ^2/NDF : 477422100000012800709316650729472.0/4

Right Out: -28.035+/-0.000 χ^2/NDF : 614064738461542671544559673016320.0/5

-28.035+/-0.000 χ^2/NDF : 614064738461542671544559673016320.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_psub_pl_poss_mean vs slug



Right In: 1487.659+/-0.000 χ^2/NDF : 46632993964799504809557837775634432.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

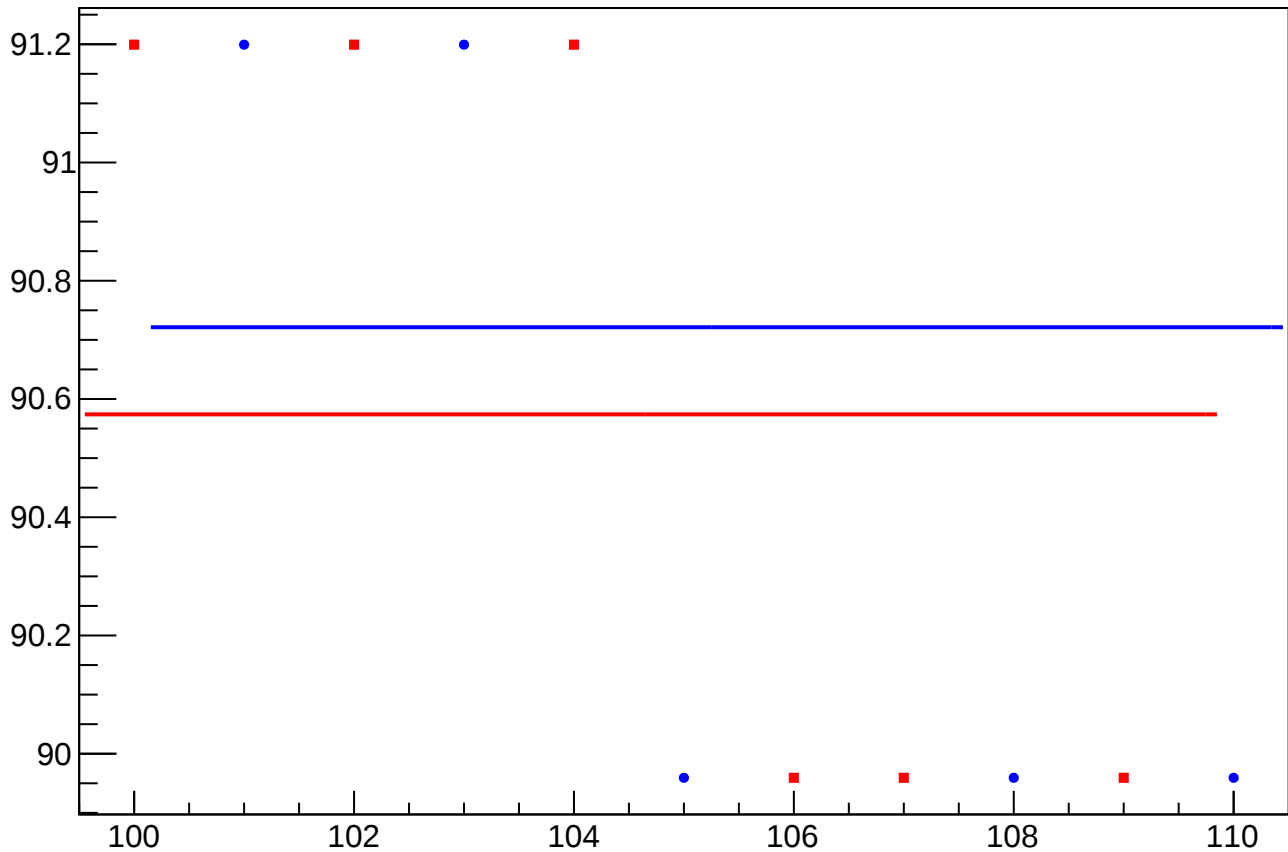
Right Out: 1483.853+/-0.000 χ^2/NDF : 59979789881270774711017354328801280.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1487.659+/-0.000 χ^2/NDF : 4663299396479950

1483.853+/-0.000 χ^2/NDF : 5997978988127077

epics_Phi_FGs_mean vs slug



Right In: 90.721+/-0.000 χ^2/NDF : 69928766666671735457156331208704.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

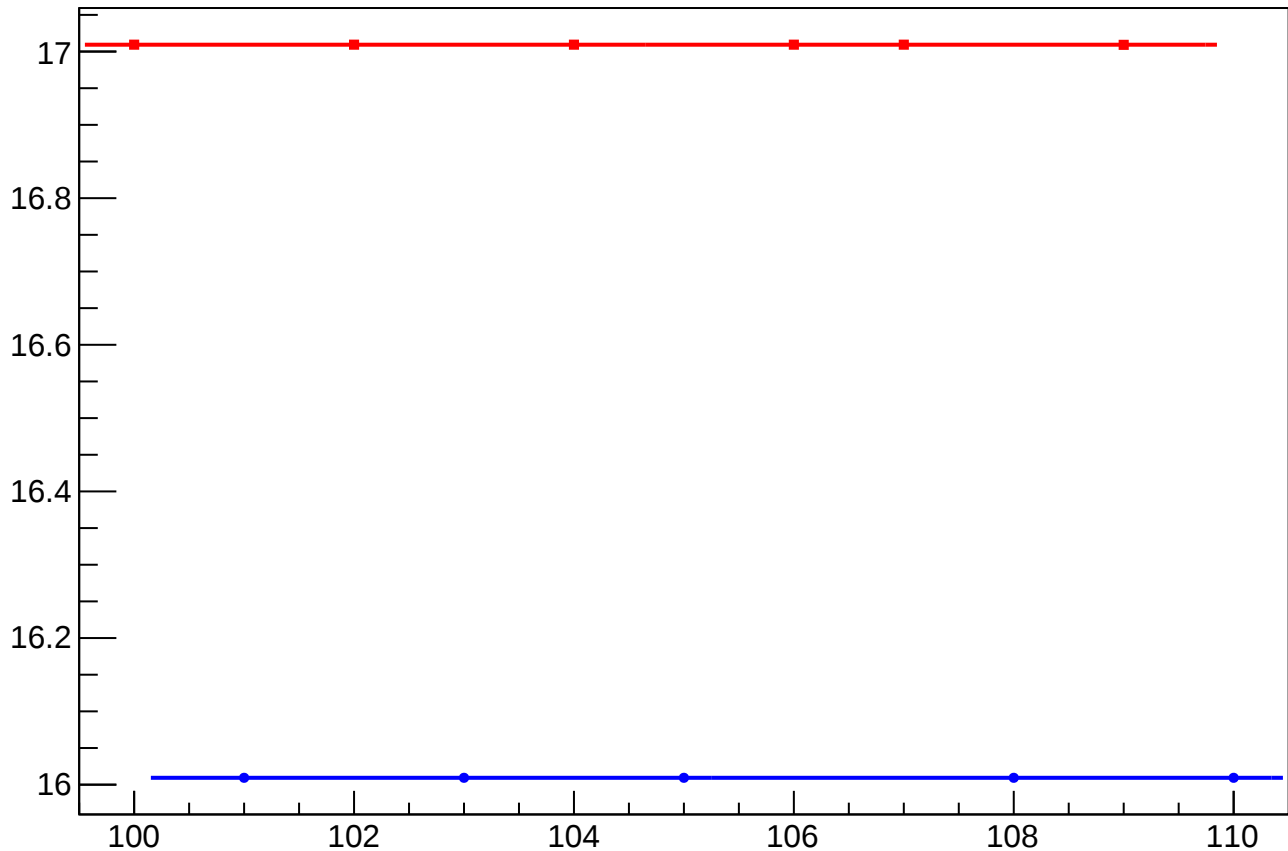
Right Out: 90.574+/-0.000 χ^2/NDF : 89943029059846778243110926286848.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.721+/-0.000 χ^2/NDF : 699287666666717354

90.574+/-0.000 χ^2/NDF : 899430290598467782

epics_IGL1I00DI24_24Ms_mean vs slug



Right In: 16.009 $\pm$ 0.000 χ^2/NDF : 8936.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

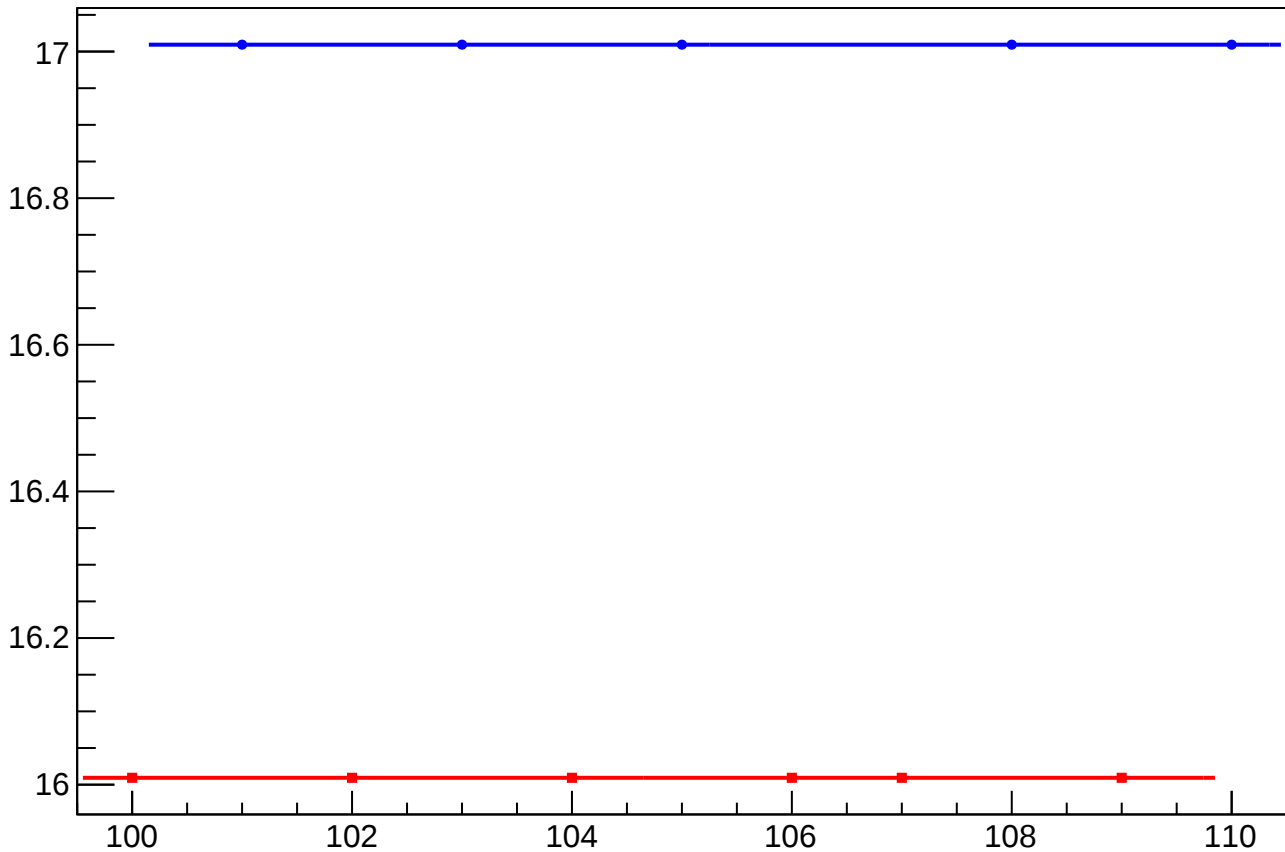
16.009 $\pm$ 0.000 χ^2/NDF : 8936.2/4

Right Out: 17.009 $\pm$ 0.000 χ^2/NDF : 1950961612224315141390336.0/5

17.009 $\pm$ 0.000 χ^2/NDF : 195096161222431514

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

epics_IGL1I00OD16_16s_mean vs slug



Right In: 17.009 $\pm$ 0.000 χ^2/NDF : 13972.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

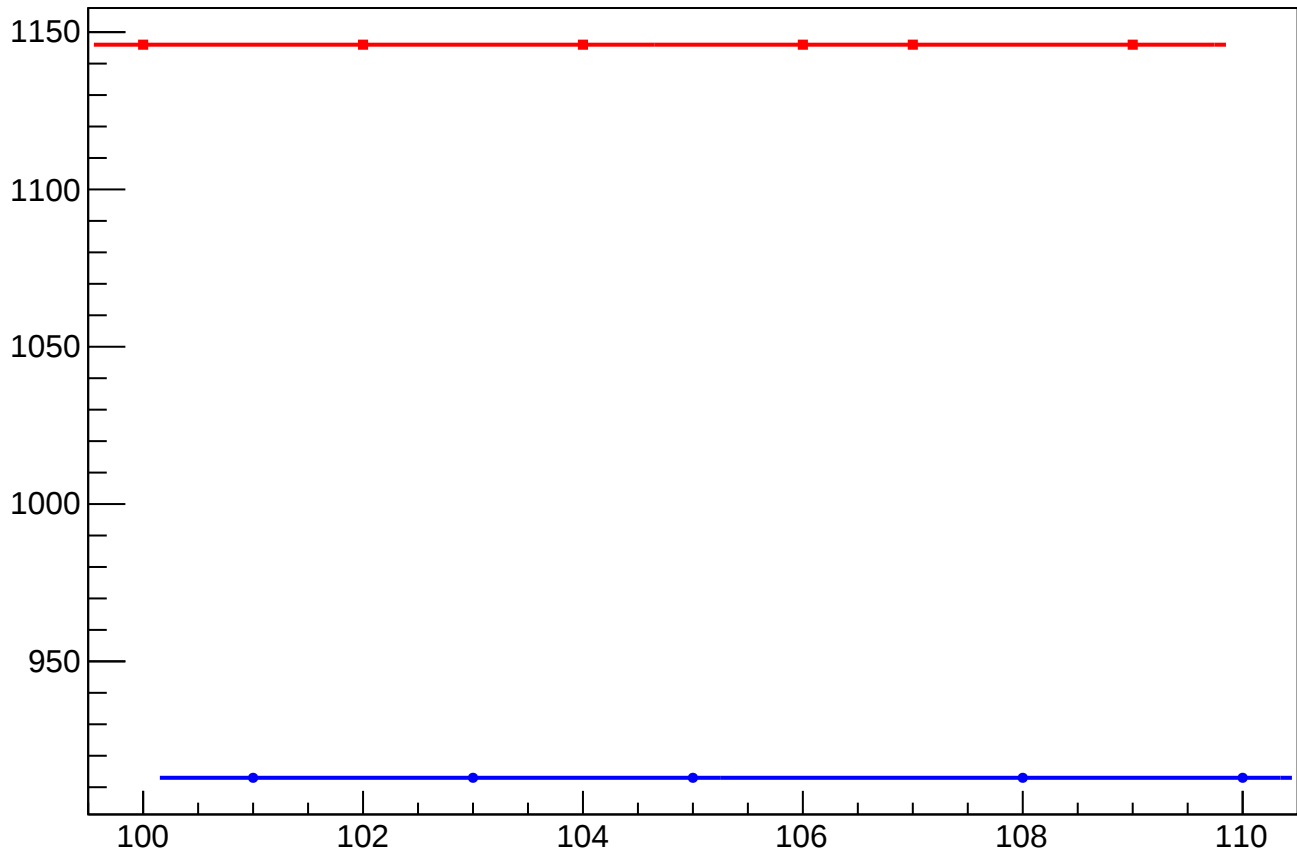
Right Out: 16.009 $\pm$ 0.000 χ^2/NDF : 6475.0/5

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

17.009 $\pm$ 0.000 χ^2/NDF : 13972.3/4

16.009 $\pm$ 0.000 χ^2/NDF : 6475.0/5

epics_RTPAPOSUCNTs_mean vs slug



Right In: 912.993+/-0.000 χ^2/NDF : 1502878713548008460730236928.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

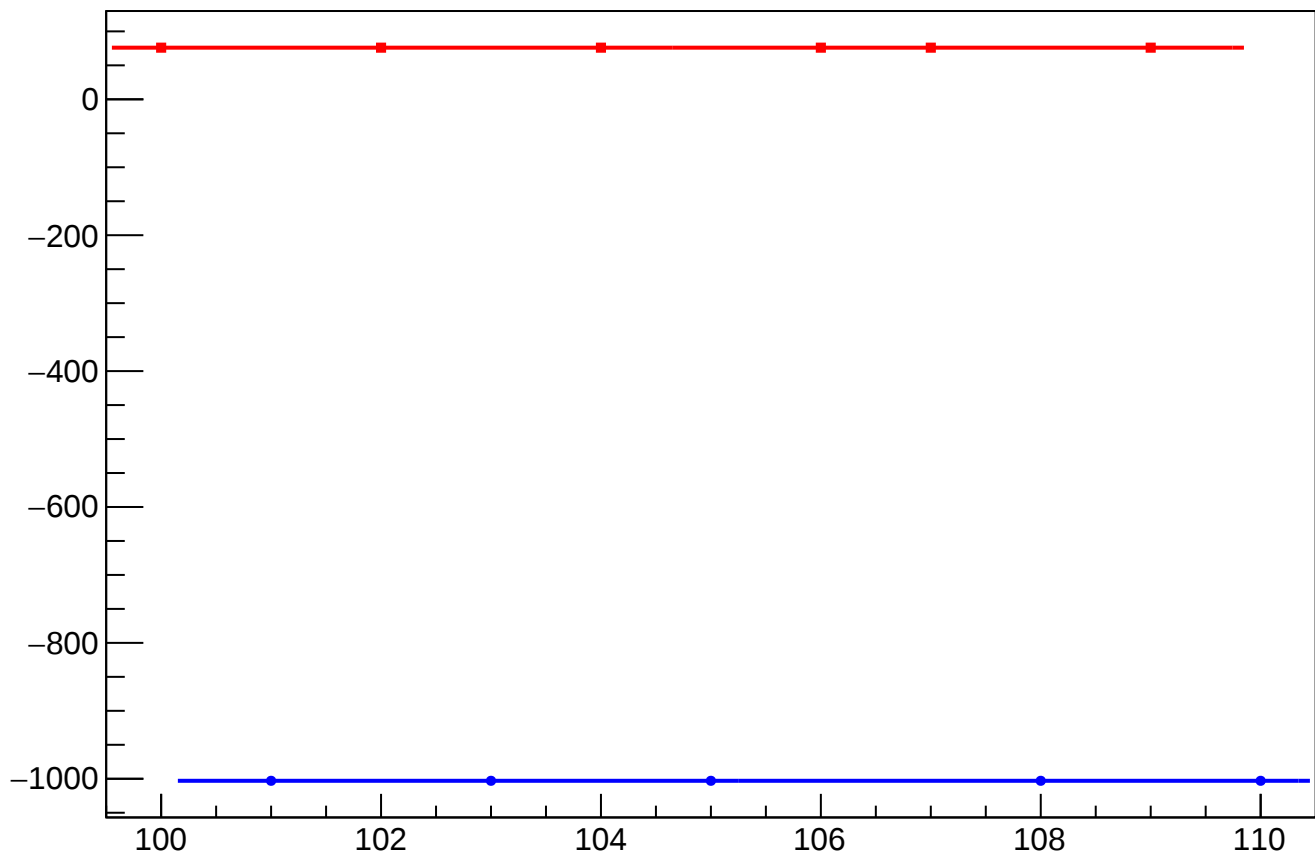
Right Out: 1146.010+/-0.000 χ^2/NDF : 671574948875607311688663040.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

912.993+/-0.000 χ^2/NDF : 1502878713548008460730236928.0/4

1146.010+/-0.000 χ^2/NDF : 671574948875607311688663040.0/5

epics_RTPAPOSVCNTs_mean vs slug



Right In: -1002.989+/-0.000 χ^2/NDF : 1208748814075458295666049024.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.009+/-0.000 χ^2/NDF : 1989460916810026015784960.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1002.989+/-0.000 χ^2/NDF : 120874881407545

76.009+/-0.000 χ^2/NDF : 19894609168100260