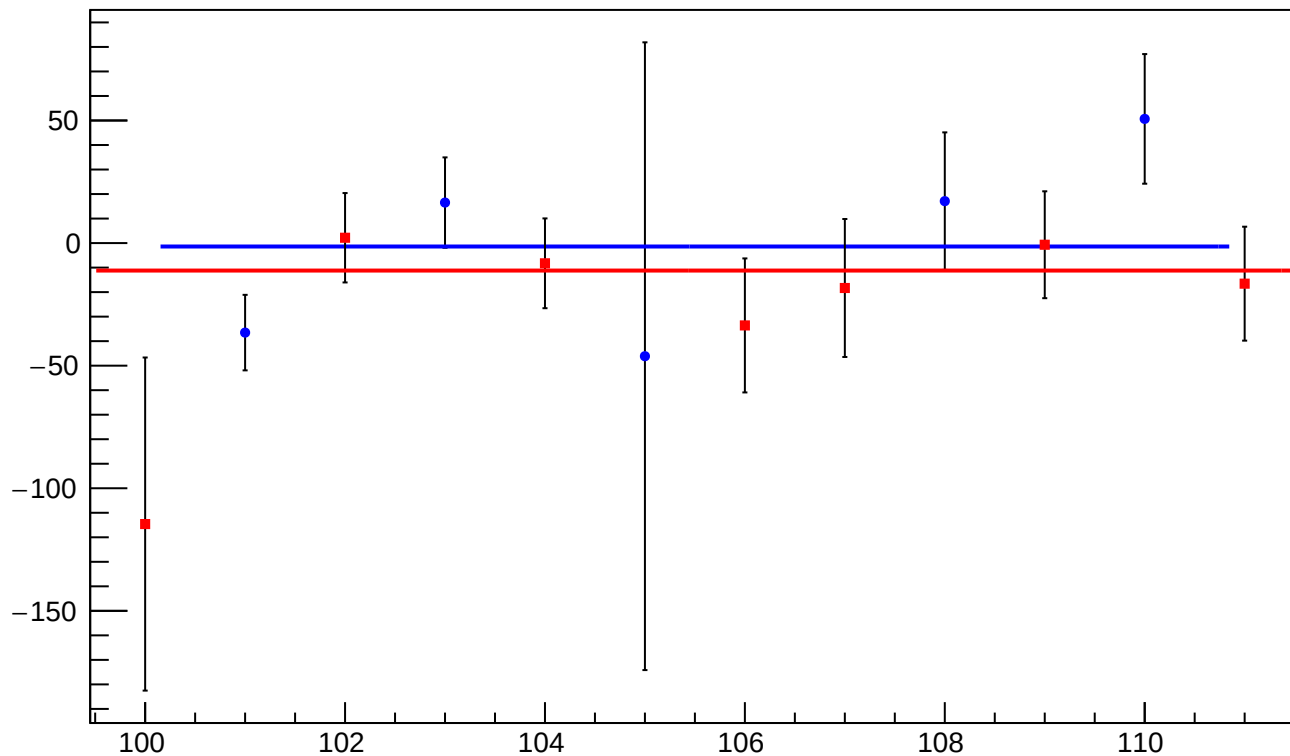


diff_bpm4aX_mean vs slug



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: -11.206+/-8.850

χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

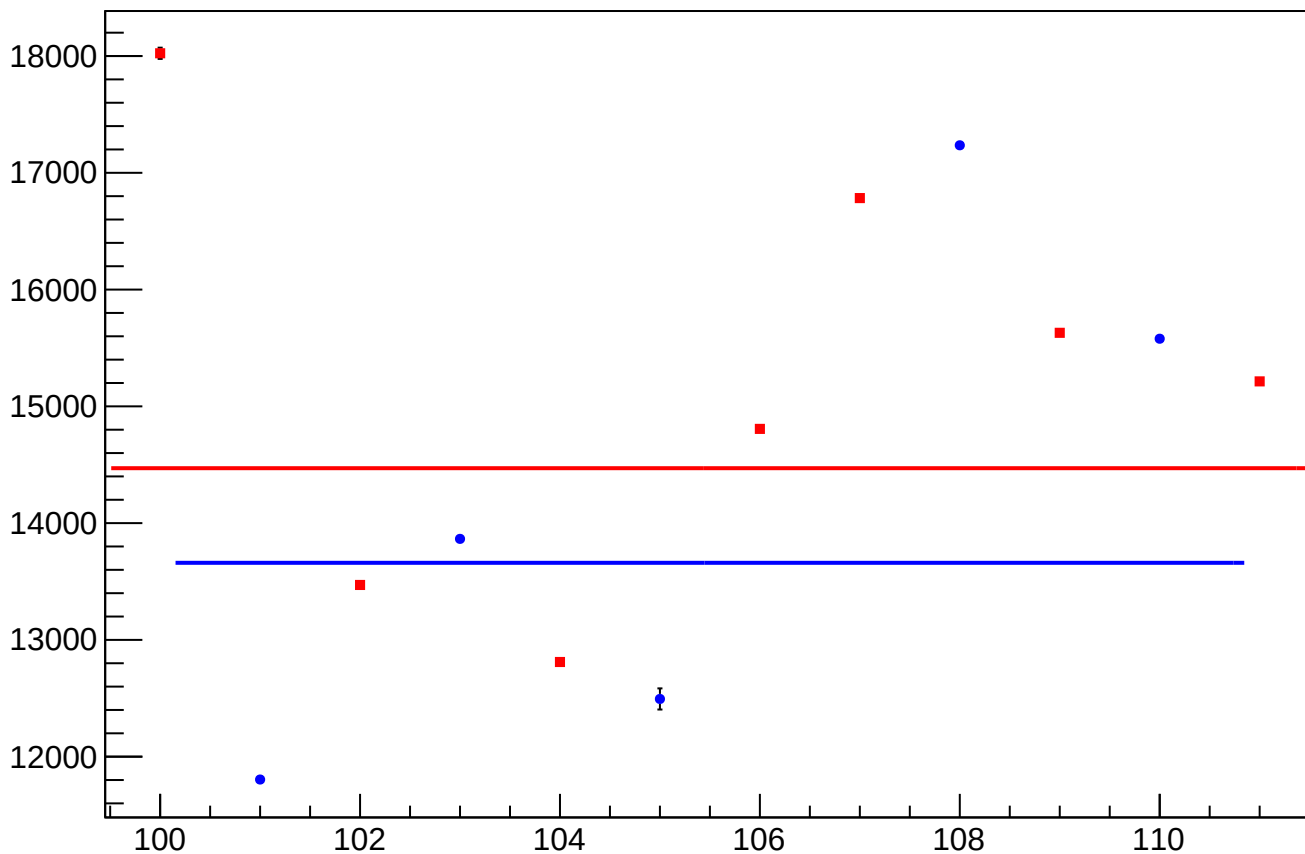
-1.396+/-10.038

χ^2/NDF : 10.6/4

-11.206+/-8.850

χ^2/NDF : 3.9/6

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

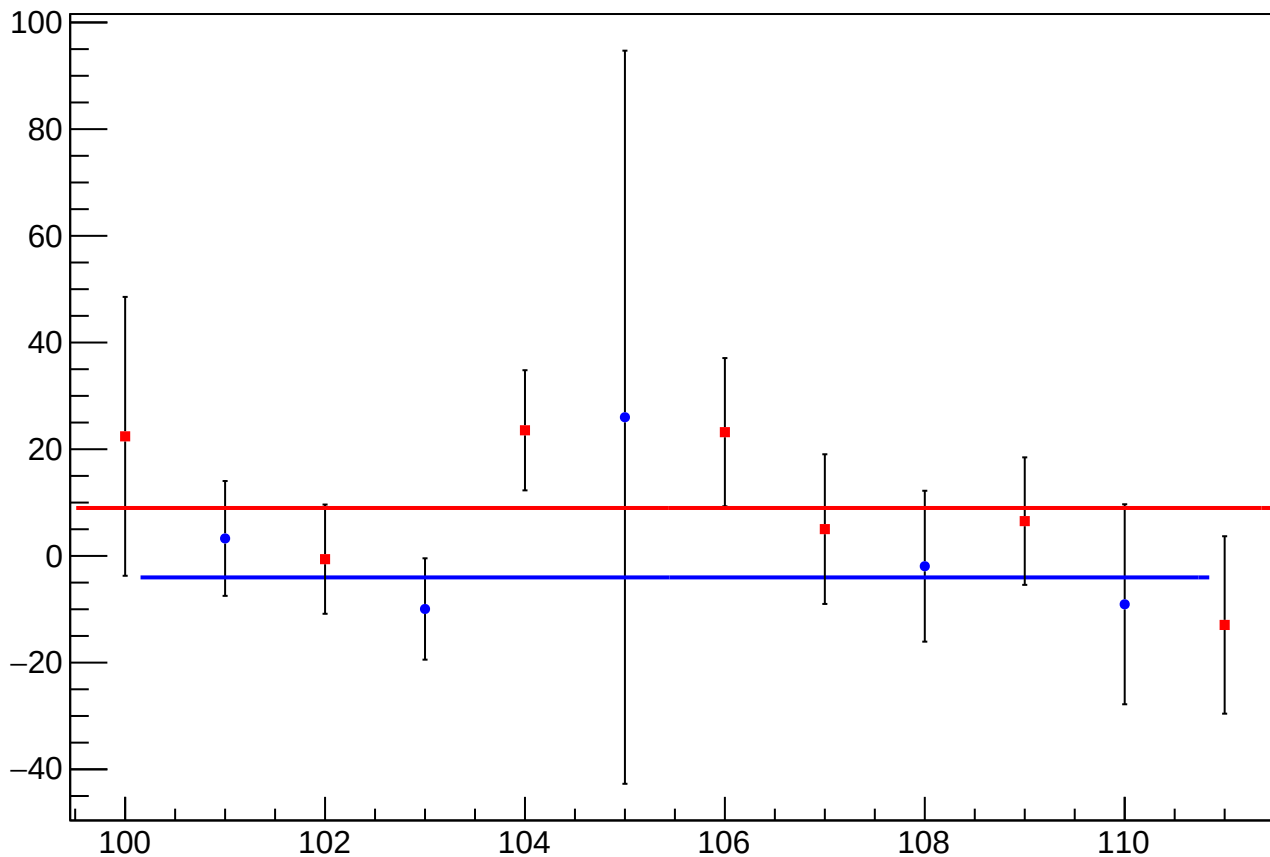
Right Out: 14470.380+/-6.258 χ^2/NDF : 49444.7/6

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

13660.170+/-7.098 χ^2/NDF : 72499.4/4

14470.380+/-6.258 χ^2/NDF : 49444.7/6

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

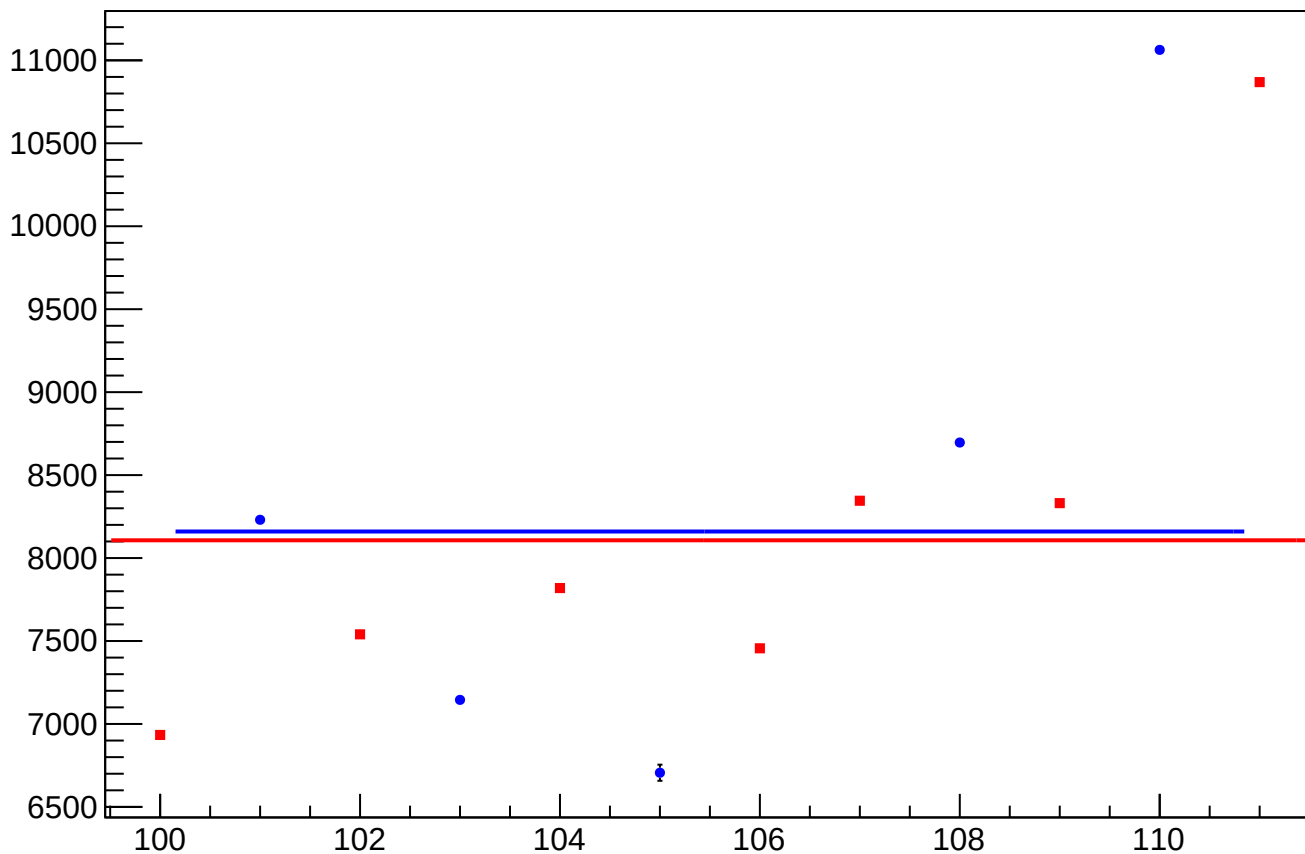
Right Out: 8.987+/-5.014 χ^2 /NDF: 5.7/6

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

-4.027+/-6.001 χ^2 /NDF: 1.1/4

8.987+/-5.014 χ^2 /NDF: 5.7/6

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

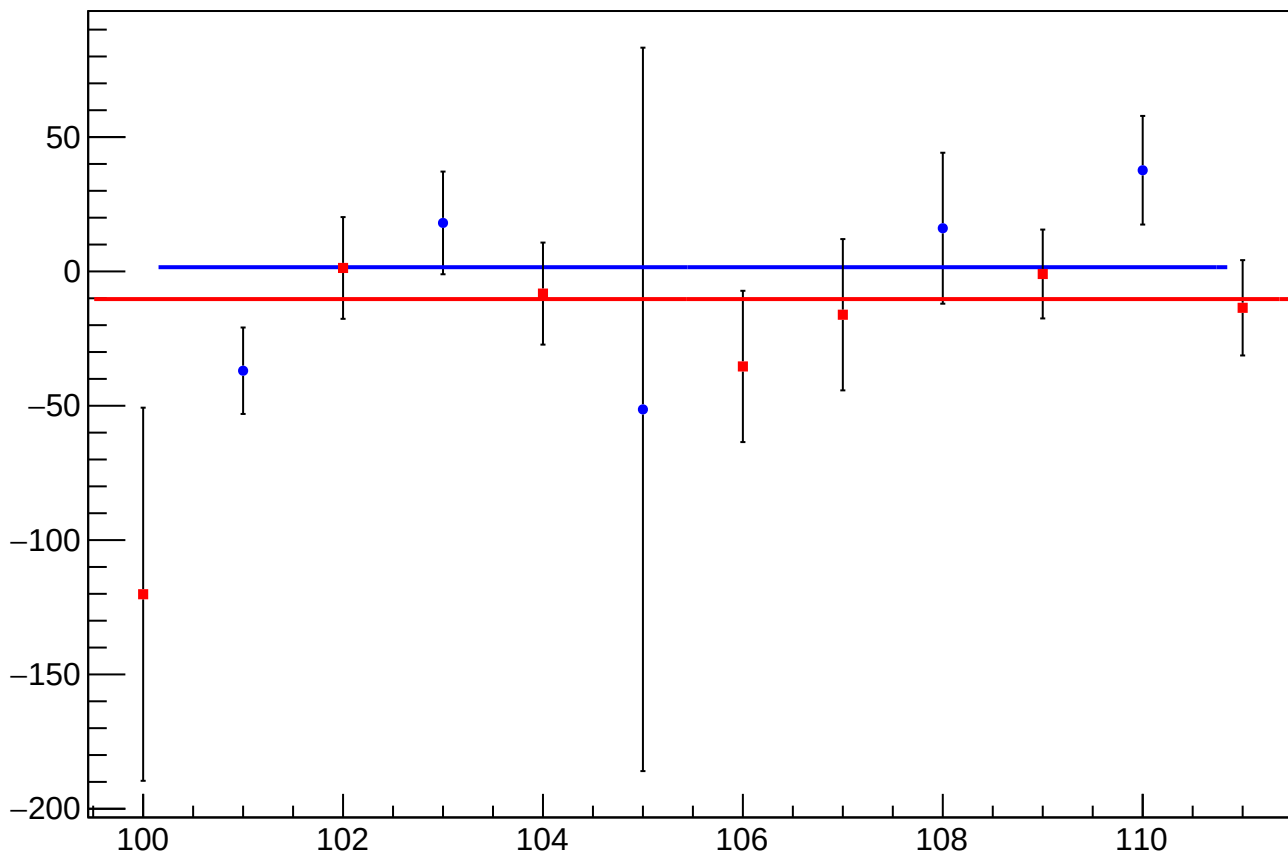
Right Out: 8106.985 $\pm$ 3.546 χ^2 /NDF: 72303.7/6

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

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

8106.985 $\pm$ 3.546 χ^2 /NDF: 72303.7/6

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

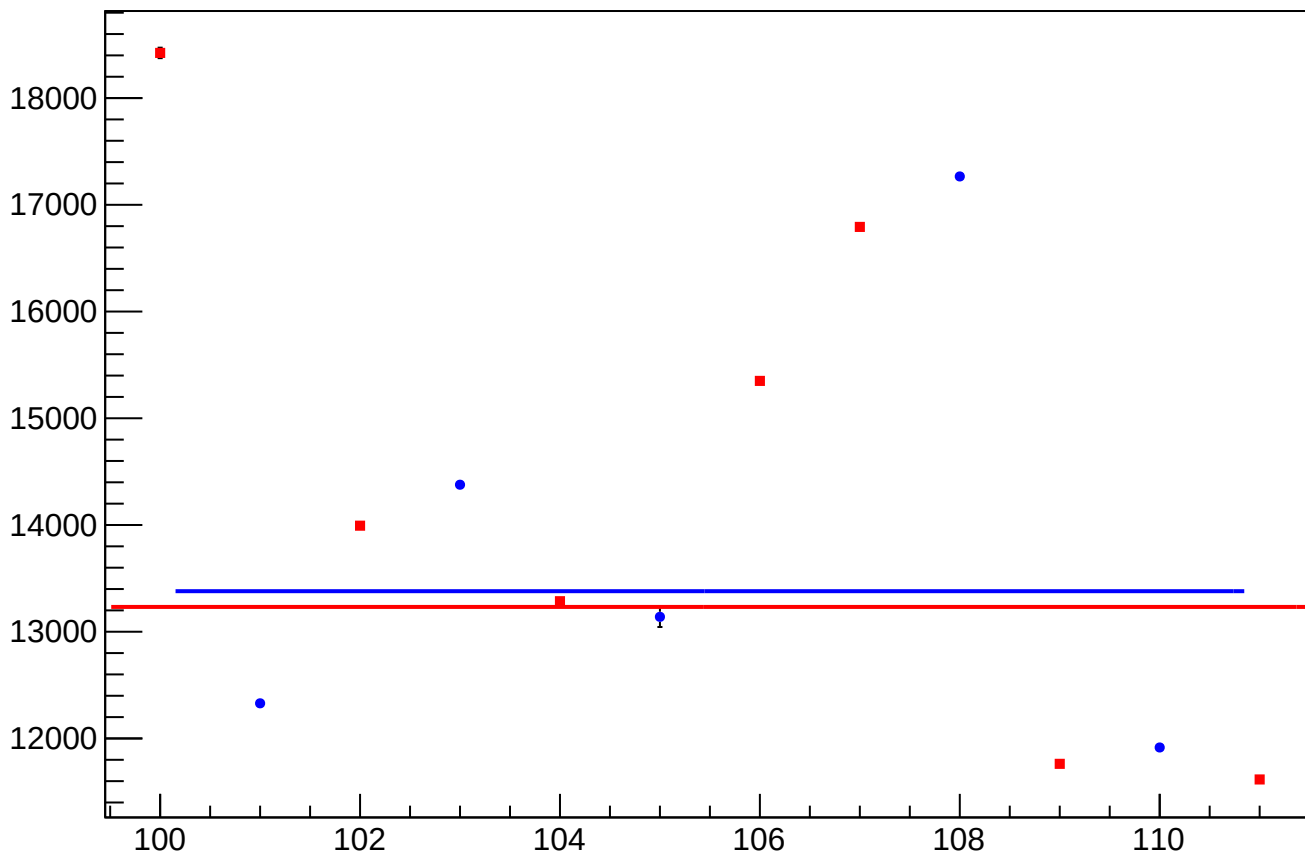
Right Out: -10.295+/-8.131 χ^2/NDF : 4.1/6

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

1.571+/-9.820 χ^2/NDF : 10.1/4

-10.295+/-8.131 χ^2/NDF : 4.1/6

diff_bpm4eX_rms vs slug



Right In: 13379.869+/-6.943 χ^2/NDF : 62741.7/4

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

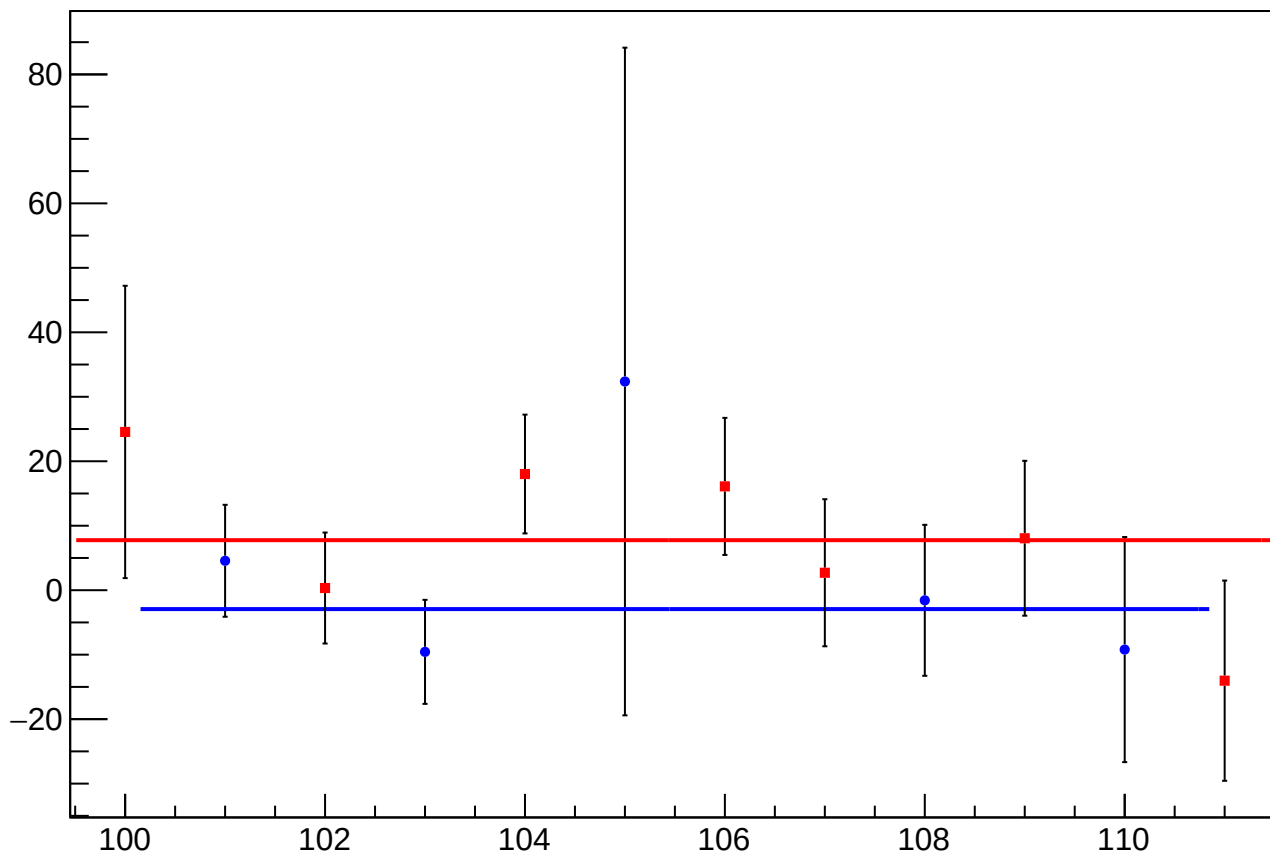
Right Out: 13232.382+/-5.749 χ^2/NDF : 90137.5/6

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

13379.869+/-6.943 χ^2/NDF : 62741.7/4

13232.382+/-5.749 χ^2/NDF : 90137.5/6

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

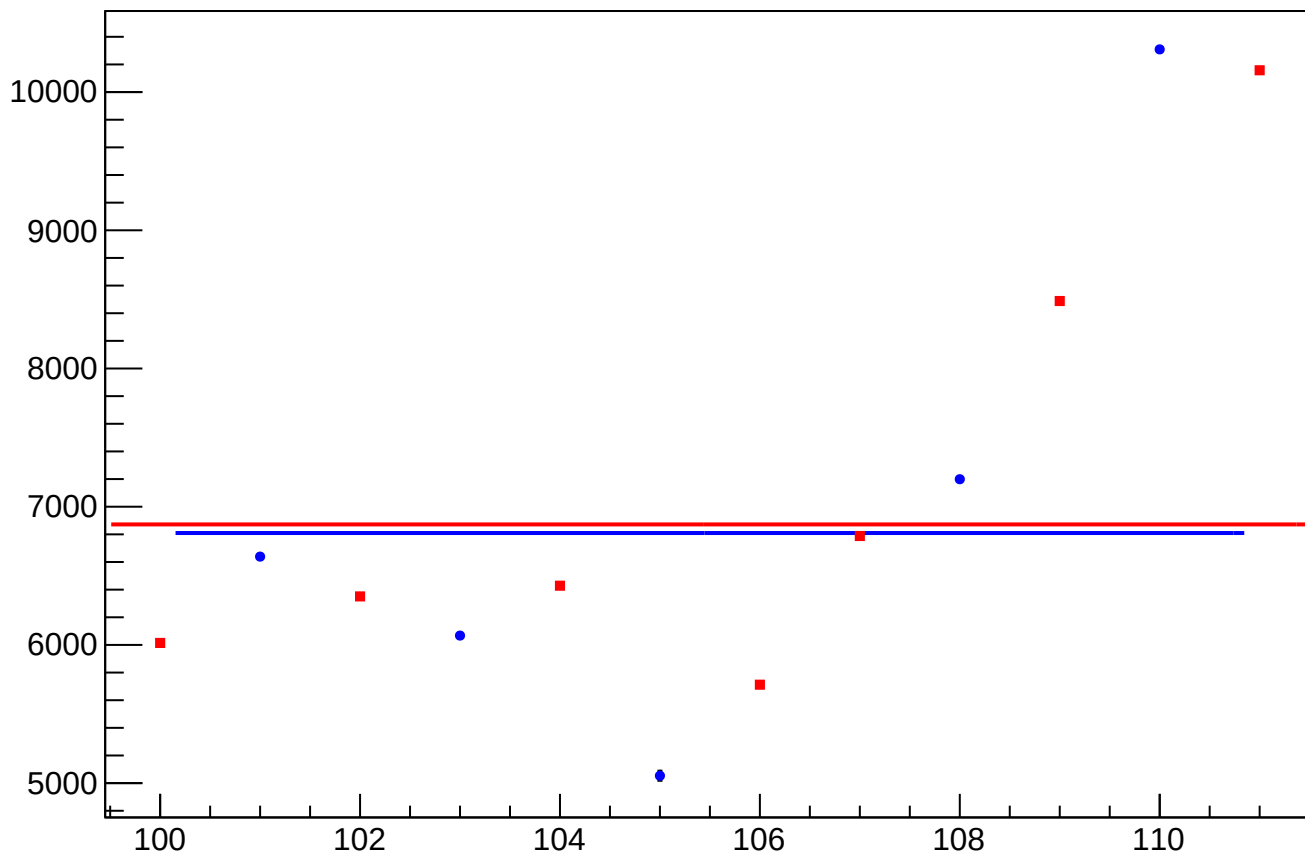
Right Out: 7.758+/-4.270 χ^2/NDF : 5.3/6

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

-2.930+/-5.026 χ^2/NDF : 2.0/4

7.758+/-4.270 χ^2/NDF : 5.3/6

diff_bpm4eY_rms vs slug



Right In: 6809.626+/-3.554 χ^2/NDF : 102567.0/4

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

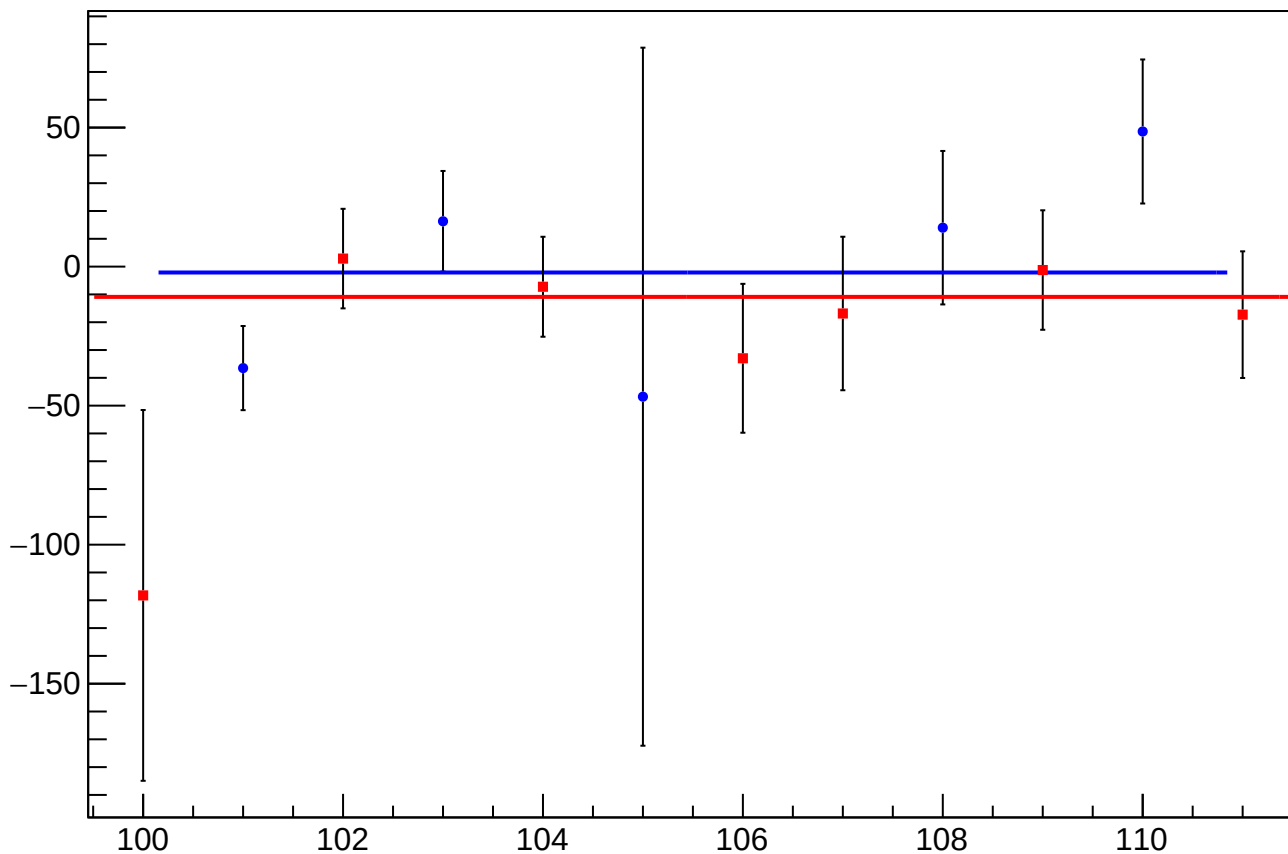
Right Out: 6871.898+/-3.019 χ^2/NDF : 164532.8/6

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

6809.626+/-3.554 χ^2/NDF : 102567.0/4

6871.898+/-3.019 χ^2/NDF : 164532.8/6

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

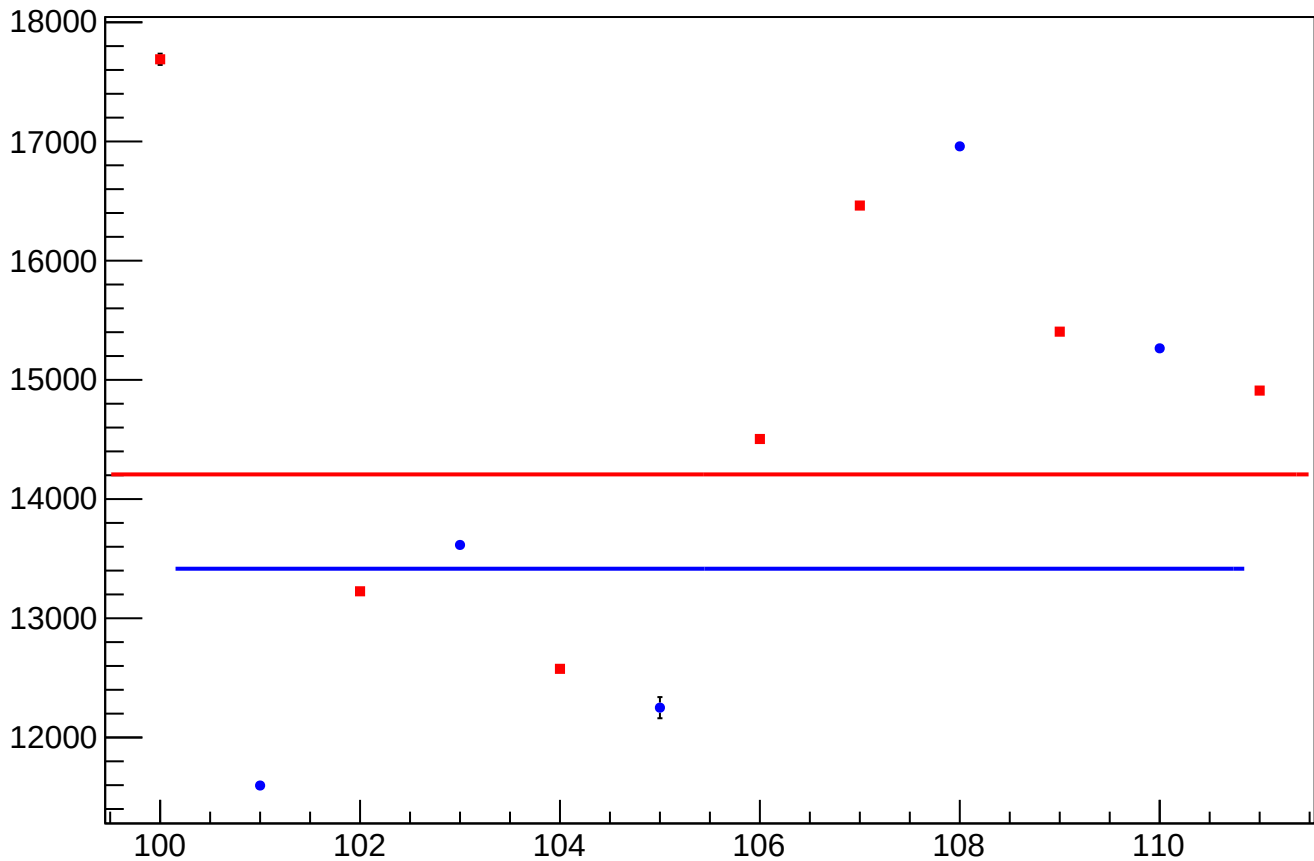
Right Out: -10.885+/-8.689 χ^2/NDF : 4.2/6

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

-2.117+/-9.859 χ^2/NDF : 10.5/4

-10.885+/-8.689 χ^2/NDF : 4.2/6

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

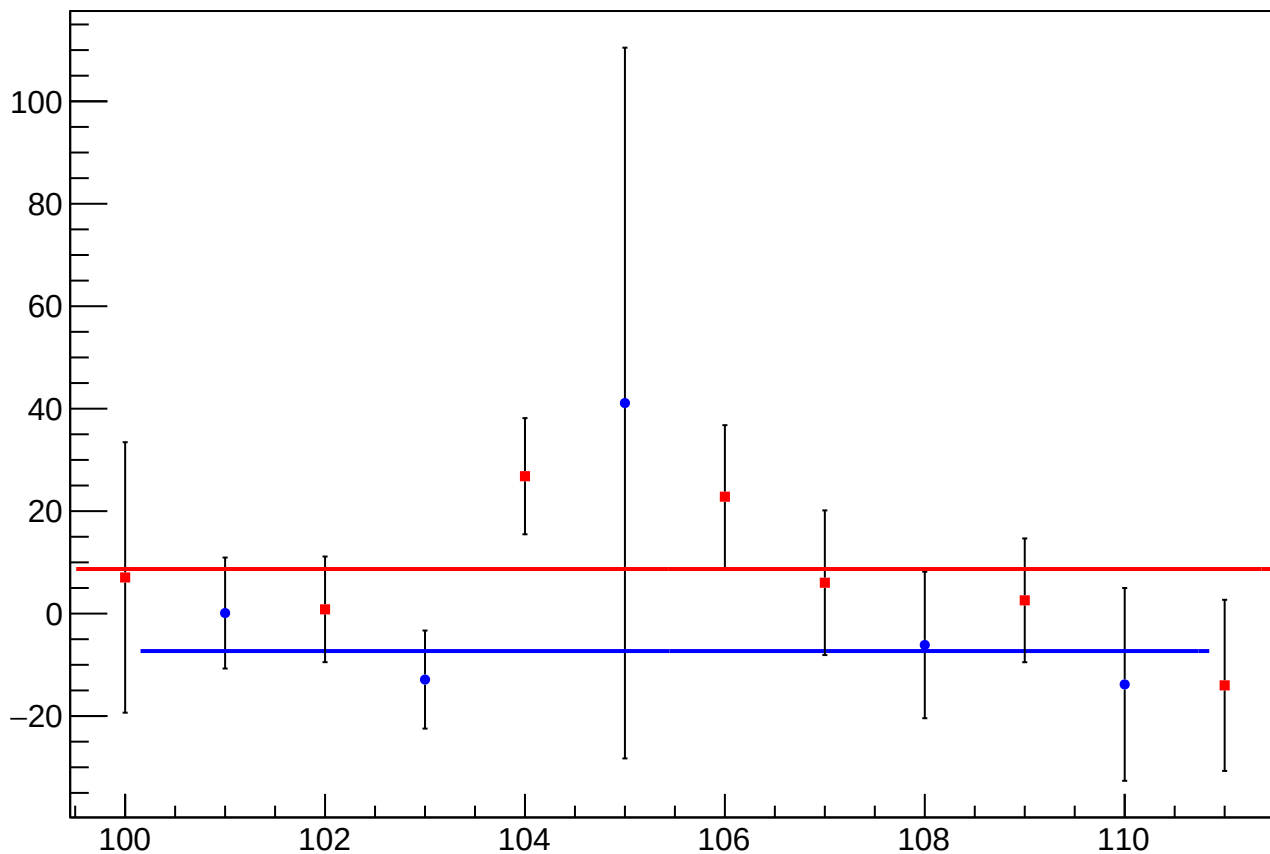
Right Out: 14206.957+/-6.144 χ^2/NDF : 49651.2/6

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

13415.721+/-6.971 χ^2/NDF : 72474.4/4

14206.957+/-6.144 χ^2/NDF : 49651.2/6

diff_bpm4acY_mean vs slug



Right In: -7.312+/-6.045 χ^2/NDF : 1.4/4

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

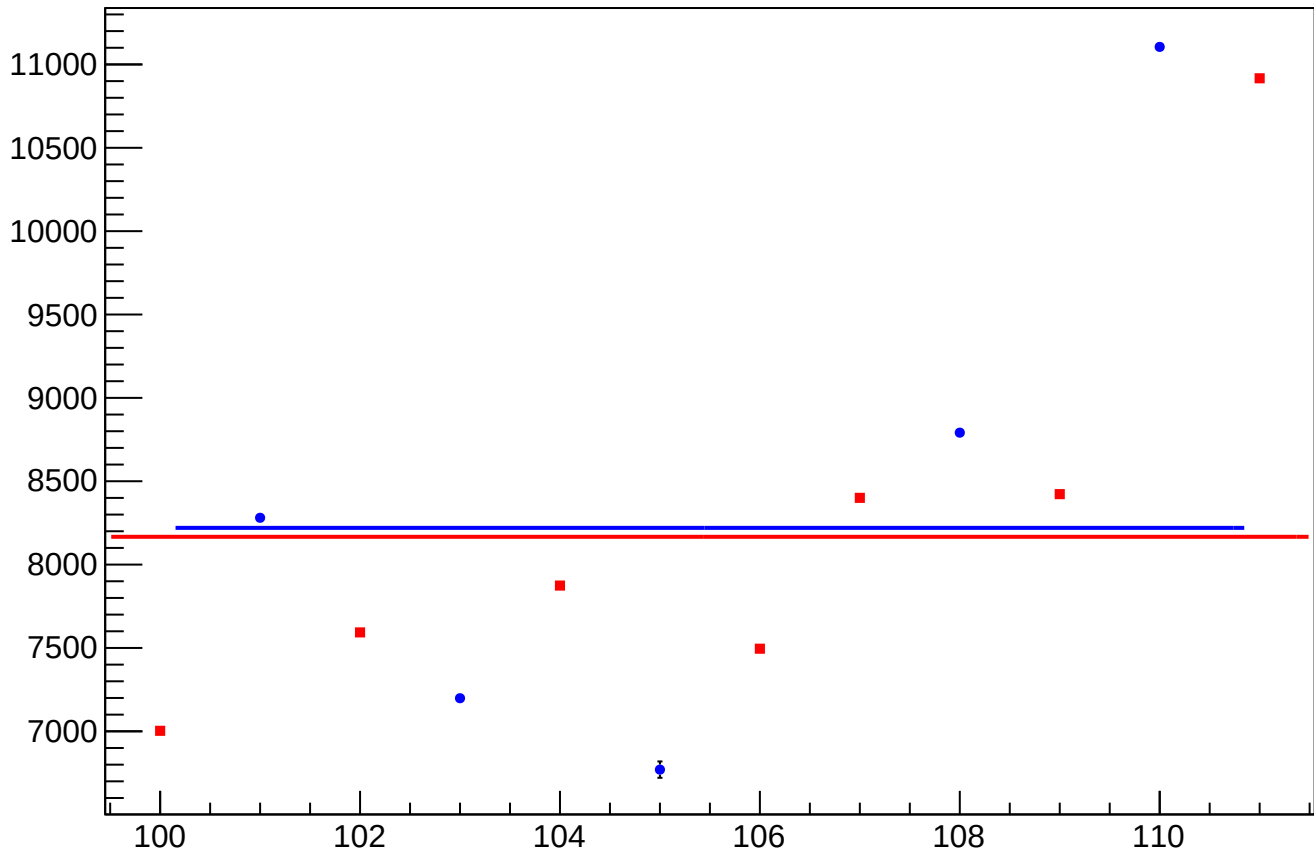
Right Out: 8.707+/-5.051 χ^2/NDF : 6.3/6

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

-7.312+/-6.045 χ^2/NDF : 1.4/4

8.707+/-5.051 χ^2/NDF : 6.3/6

diff_bpm4acY_rms vs slug



Right In: 8220.307+/-4.274 χ^2/NDF : 73934.5/4

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

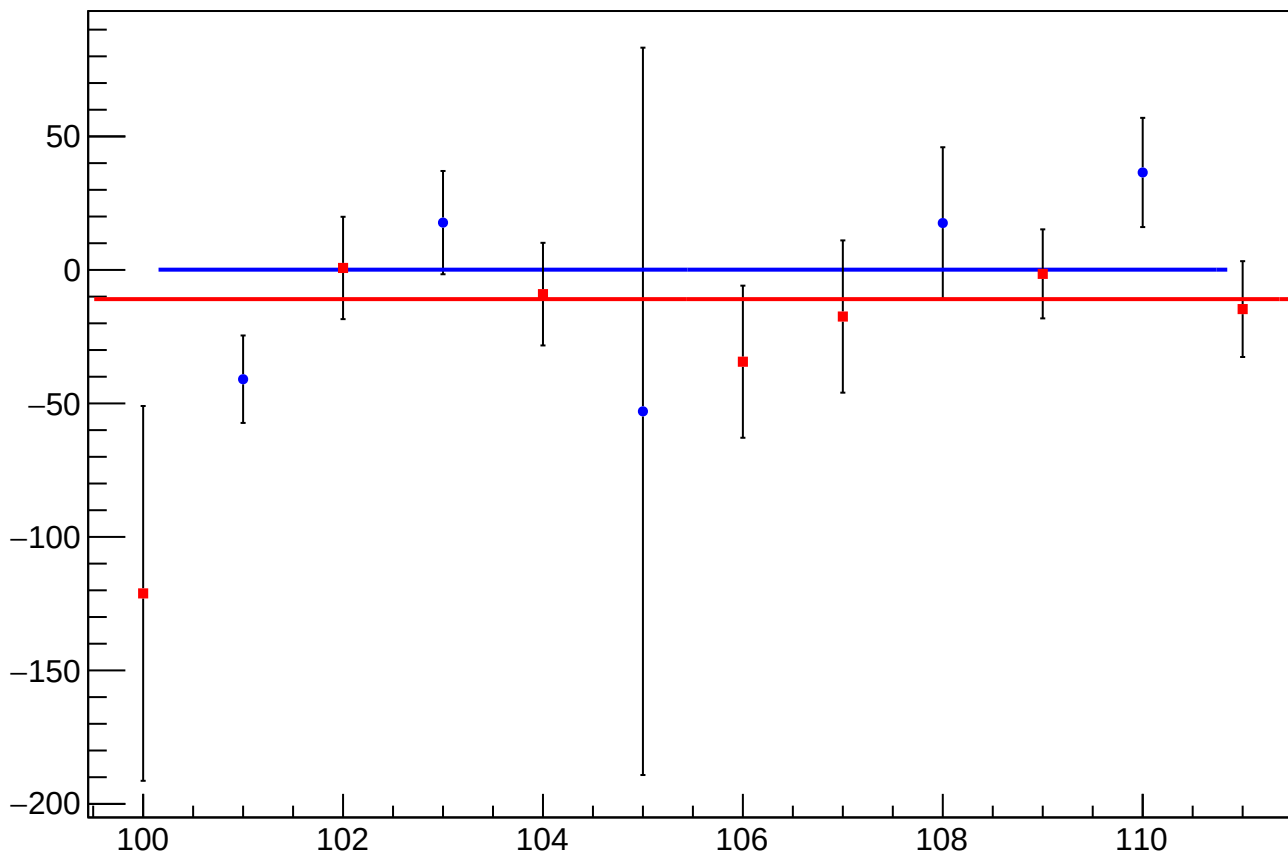
Right Out: 8166.719+/-3.571 χ^2/NDF : 71692.1/6

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

8220.307+/-4.274 χ^2/NDF : 73934.5/4

8166.719+/-3.571 χ^2/NDF : 71692.1/6

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

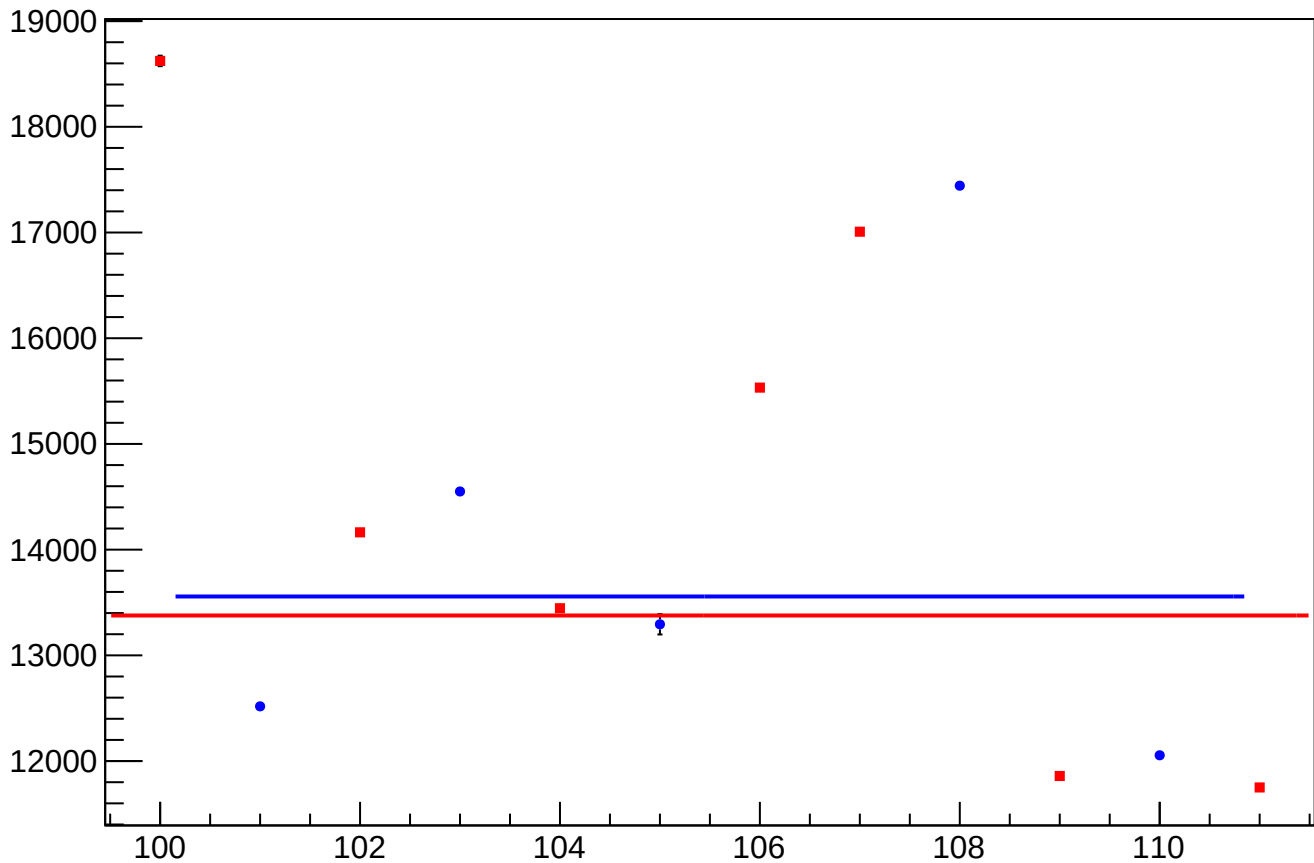
Right Out: -10.935+/-8.221 χ^2/NDF : 3.9/6

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

0.097+/-9.956 χ^2/NDF : 10.8/4

-10.935+/-8.221 χ^2/NDF : 3.9/6

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

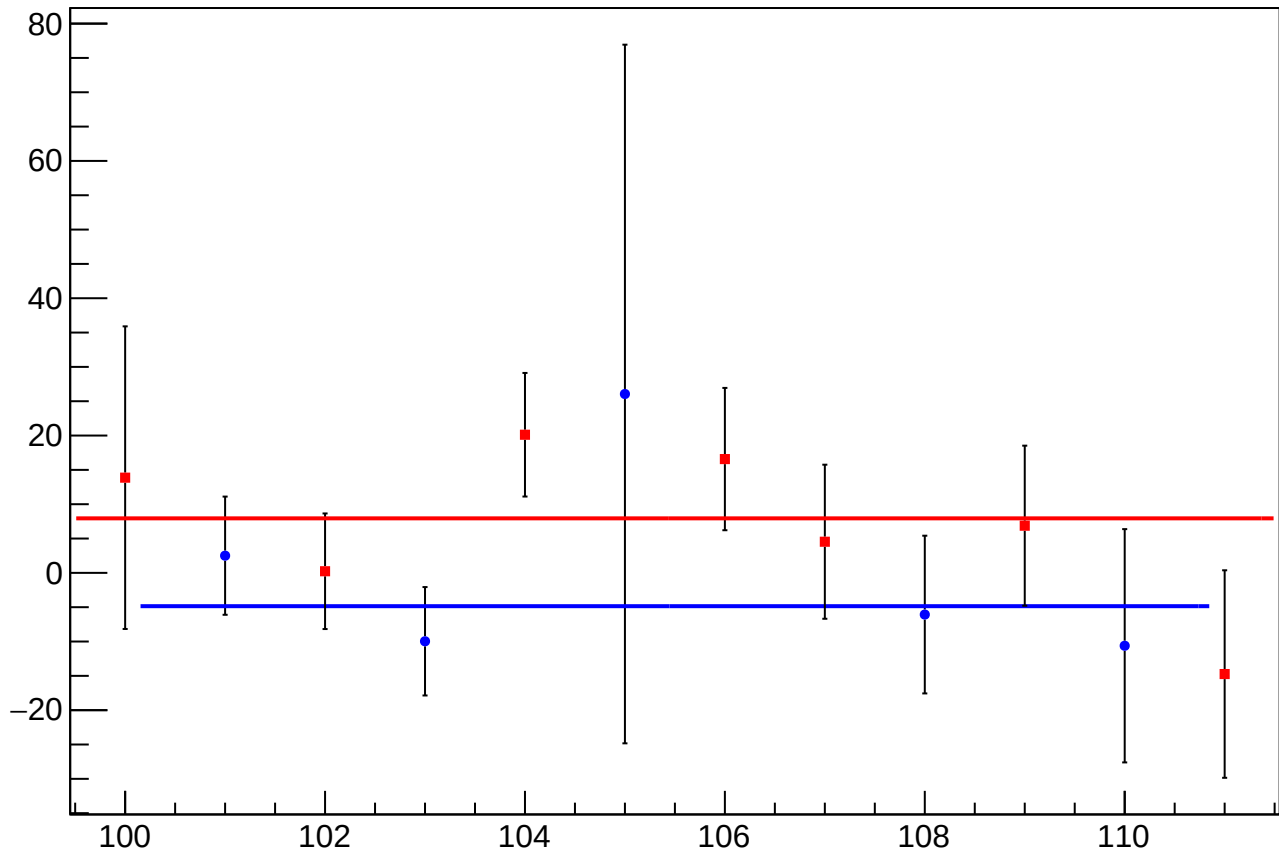
13557.000+/-7.040 χ^2/NDF : 61617.9/4

Right Out: 13377.206+/-5.813 χ^2/NDF : 91454.0/6

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

13377.206+/-5.813 χ^2/NDF : 91454.0/6

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

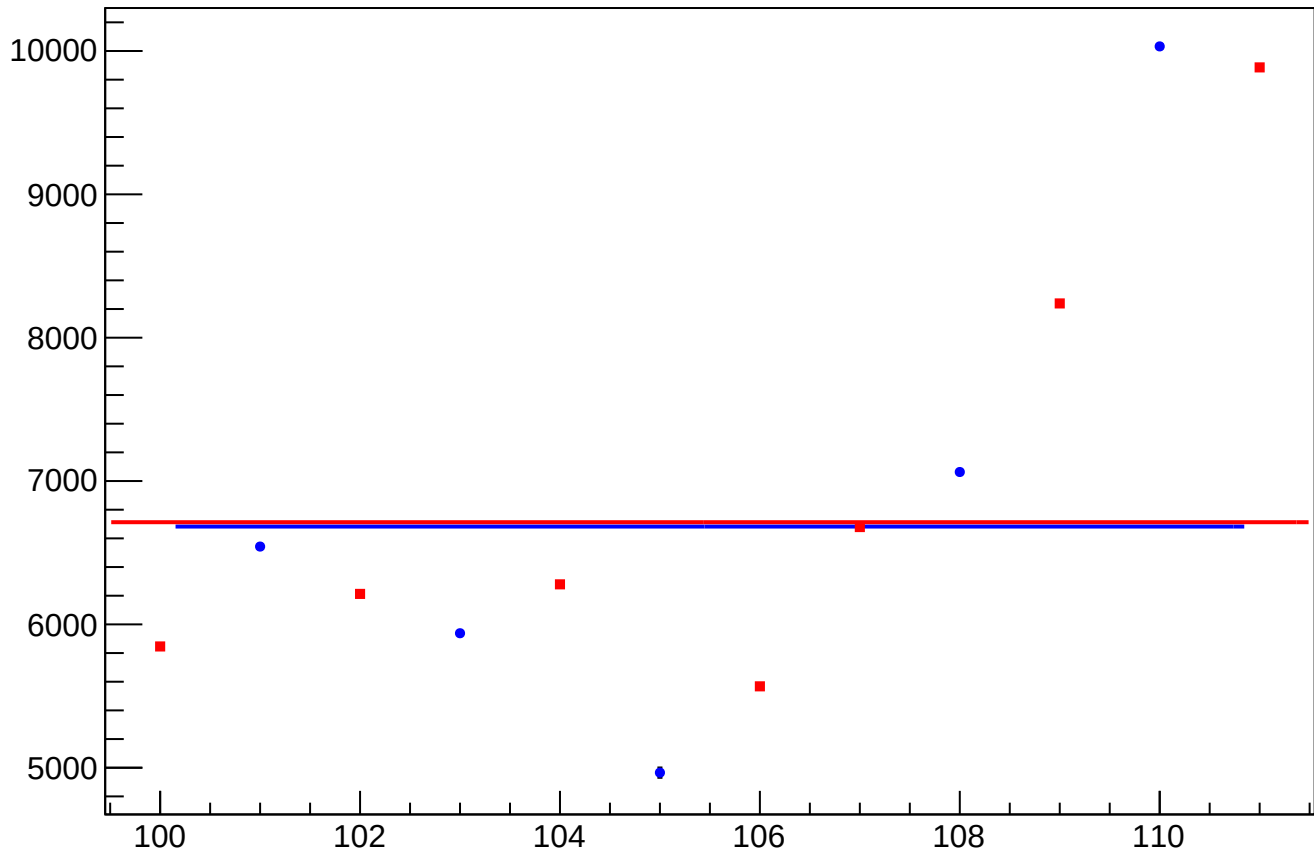
Right Out: 7.939+/-4.170 χ^2/NDF : 5.8/6

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

-4.852+/-4.940 χ^2/NDF : 1.6/4

7.939+/-4.170 χ^2/NDF : 5.8/6

diff_bpm4ecY_rms vs slug



Right In: 6682.528+/-3.493 χ^2/NDF : 100513.0/4

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

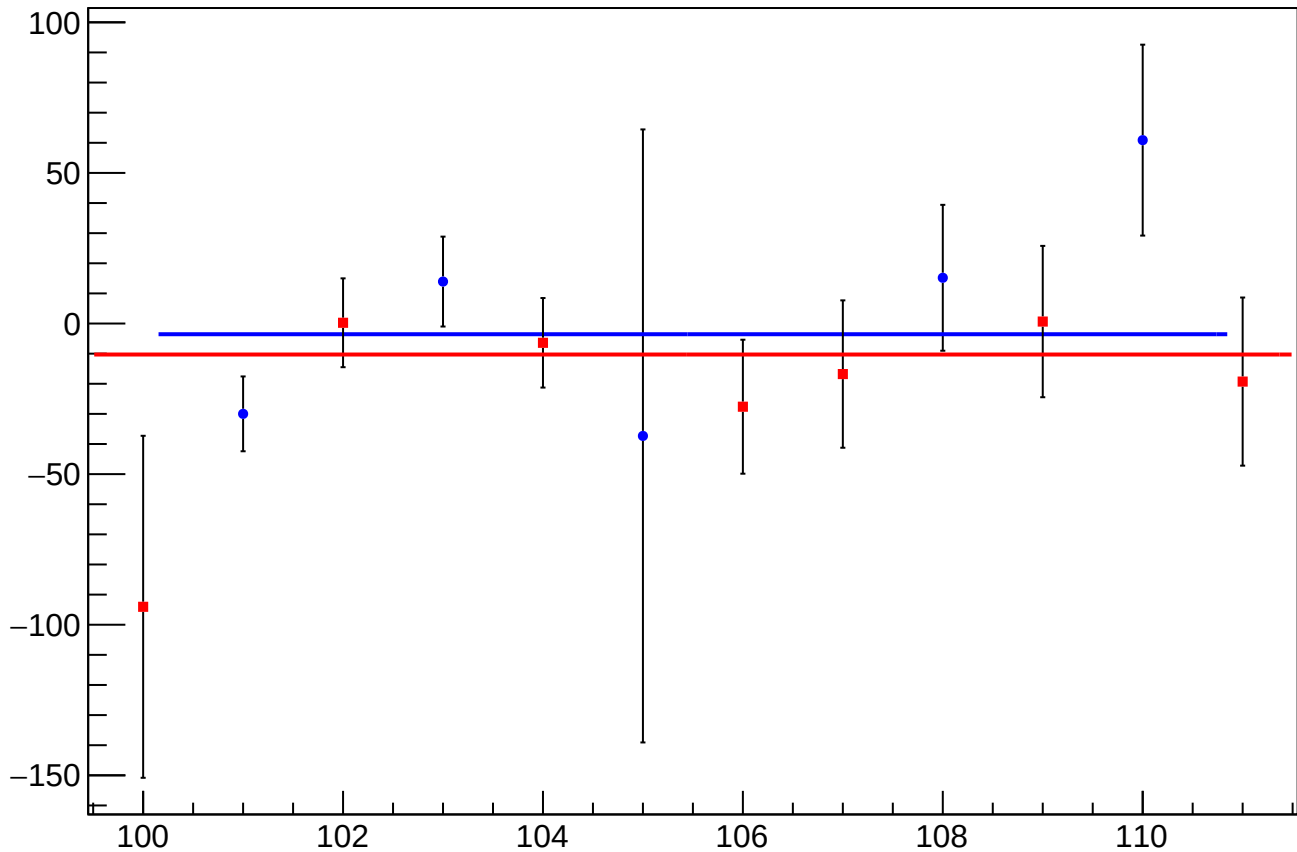
6682.528+/-3.493 χ^2/NDF : 100513.0/4

Right Out: 6712.819+/-2.949 χ^2/NDF : 161668.6/6

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

6712.819+/-2.949 χ^2/NDF : 161668.6/6

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

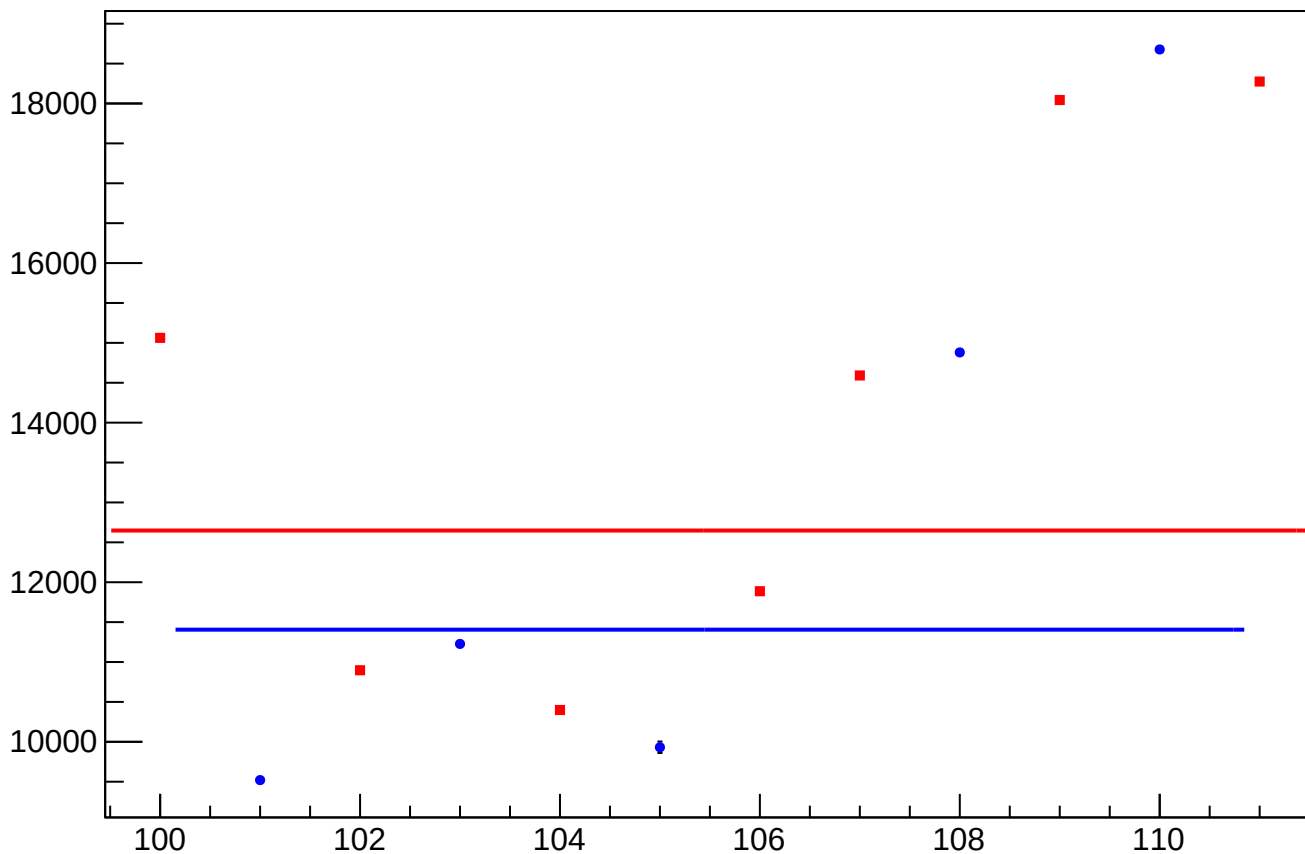
Right Out: -10.290+/-7.907 χ^2/NDF : 3.7/6

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

-3.553+/-8.522 χ^2/NDF : 10.7/4

-10.290+/-7.907 χ^2/NDF : 3.7/6

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

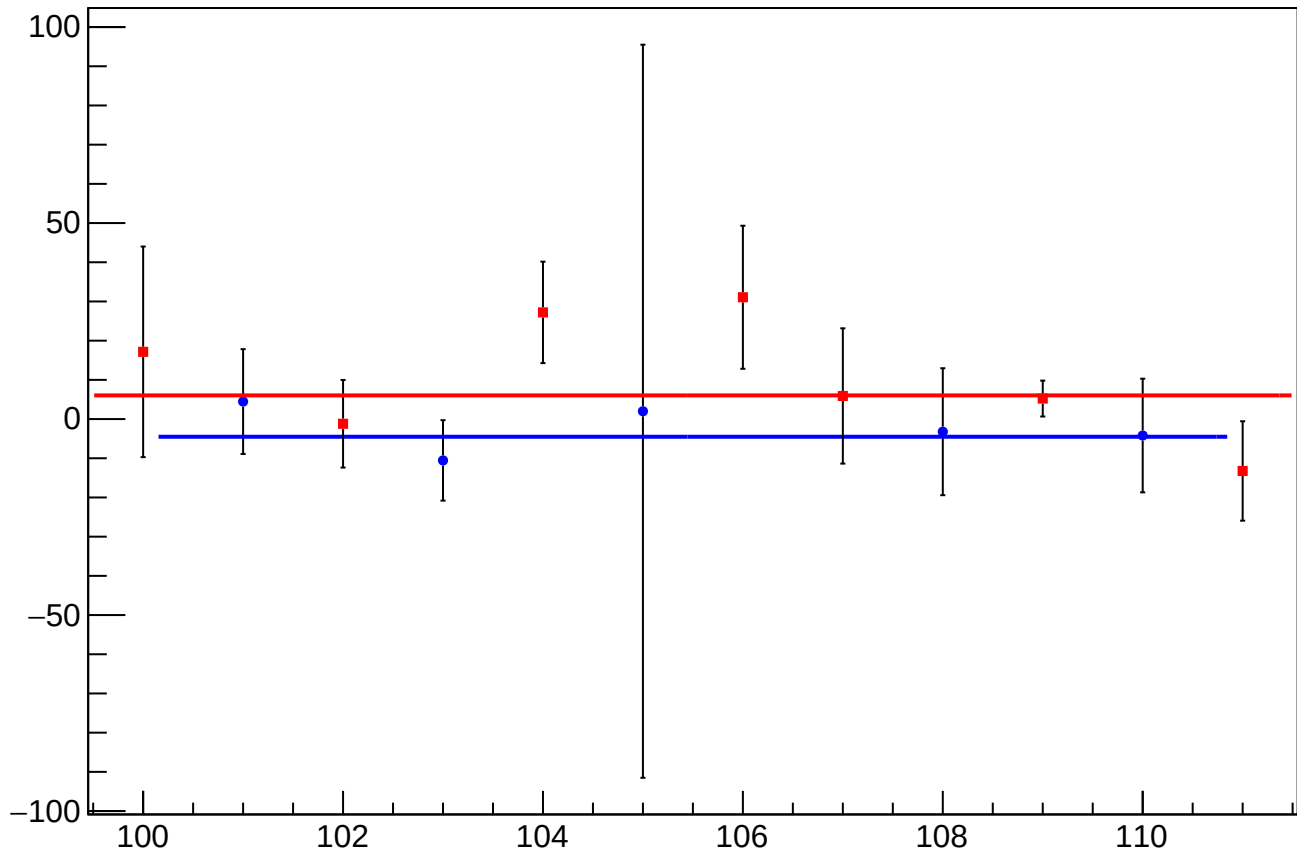
Right Out: 12647.945+/-5.591 χ^2/NDF : 266135.1/6

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

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

12647.945+/-5.591 χ^2/NDF : 266135.1/6

diff_bpm1Y_mean vs slug



Right In: -4.512 $\pm$ 6.485 χ^2 /NDF: 0.8/4

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

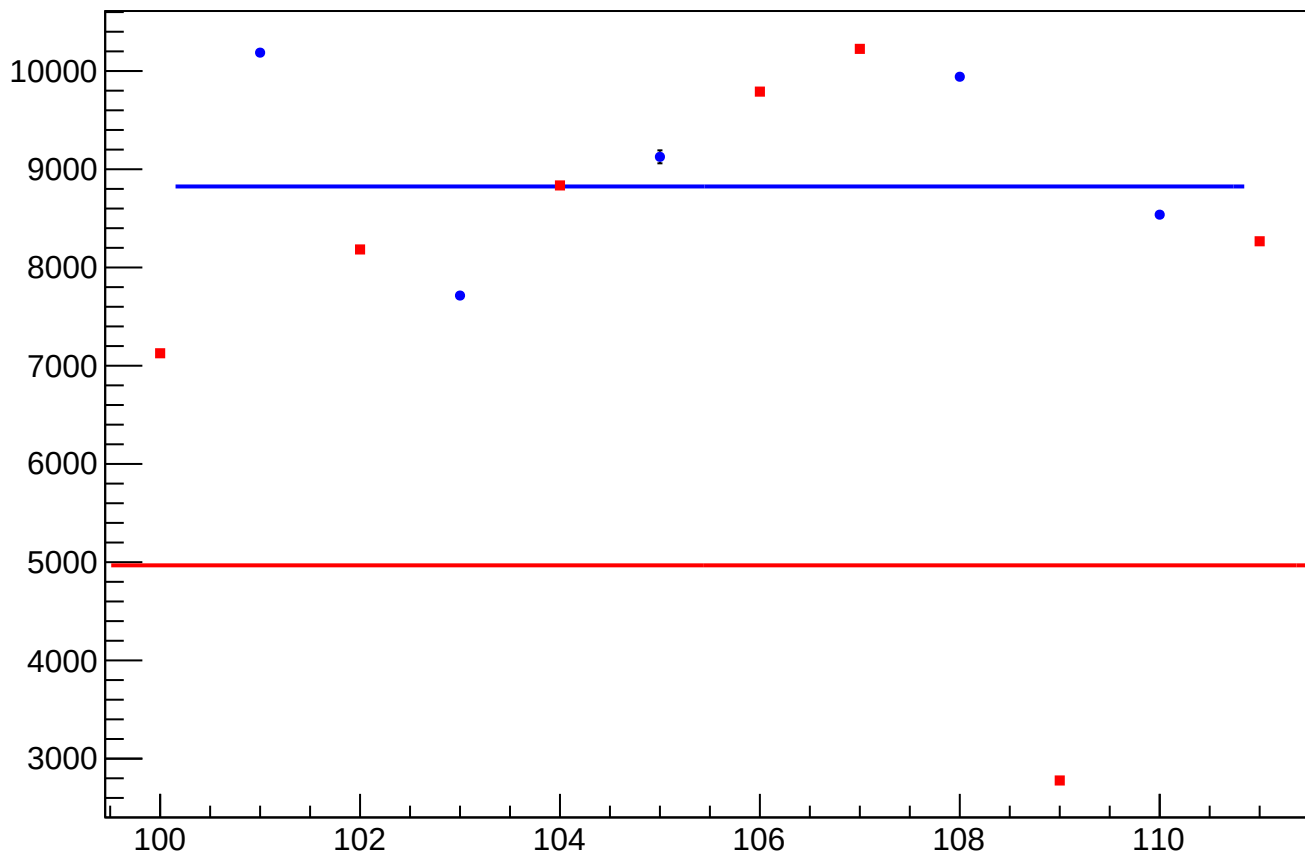
Right Out: 6.039 $\pm$ 3.635 χ^2 /NDF: 7.5/6

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

-4.512 $\pm$ 6.485 χ^2 /NDF: 0.8/4

6.039 $\pm$ 3.635 χ^2 /NDF: 7.5/6

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

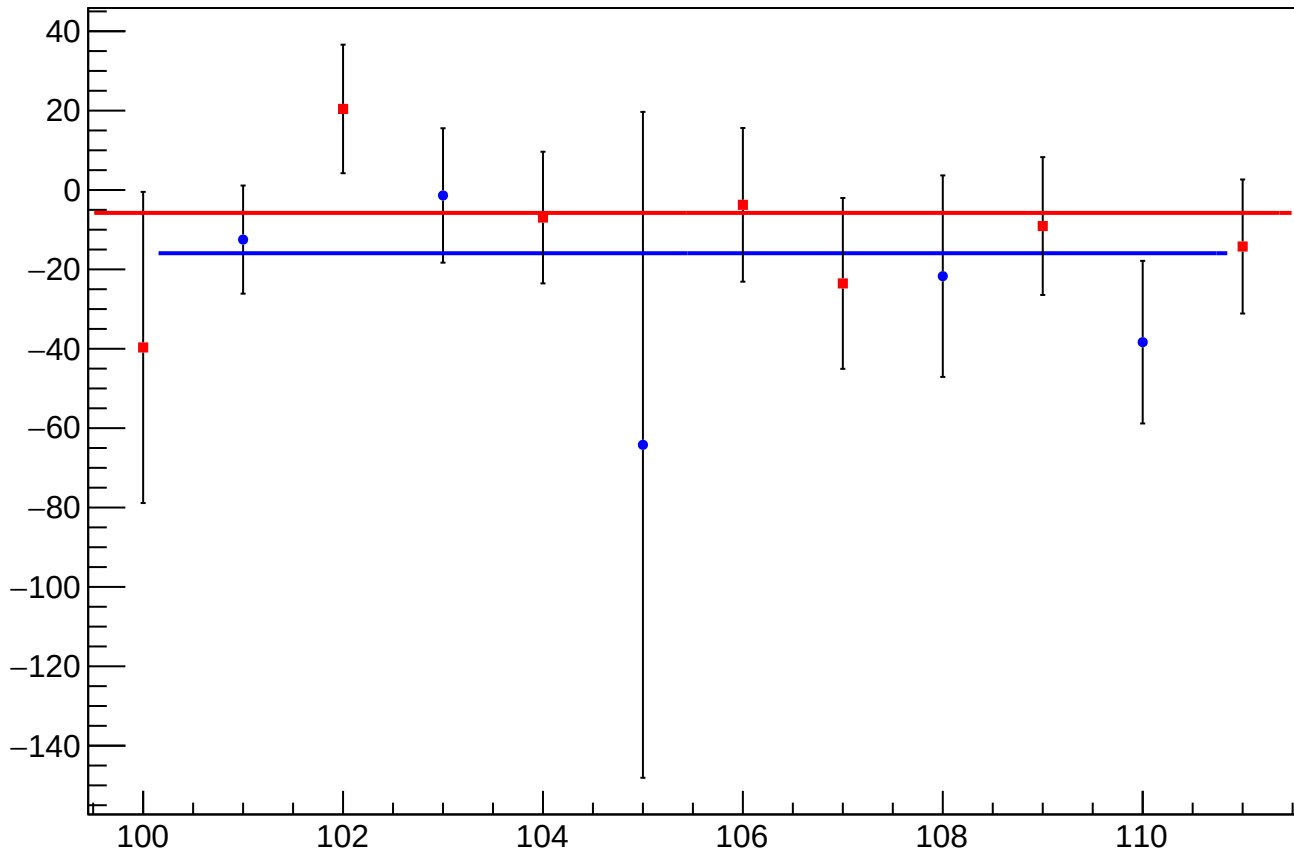
Right Out: 4967.825+/-2.570 χ^2/NDF : 1275935.5/6

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

8824.744+/-4.586 χ^2/NDF : 54506.4/4

4967.825+/-2.570 χ^2/NDF : 1275935.5/6

diff_bpm11X_mean vs slug



Right In: -15.927+/-8.786 χ^2/NDF : 2.4/4

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

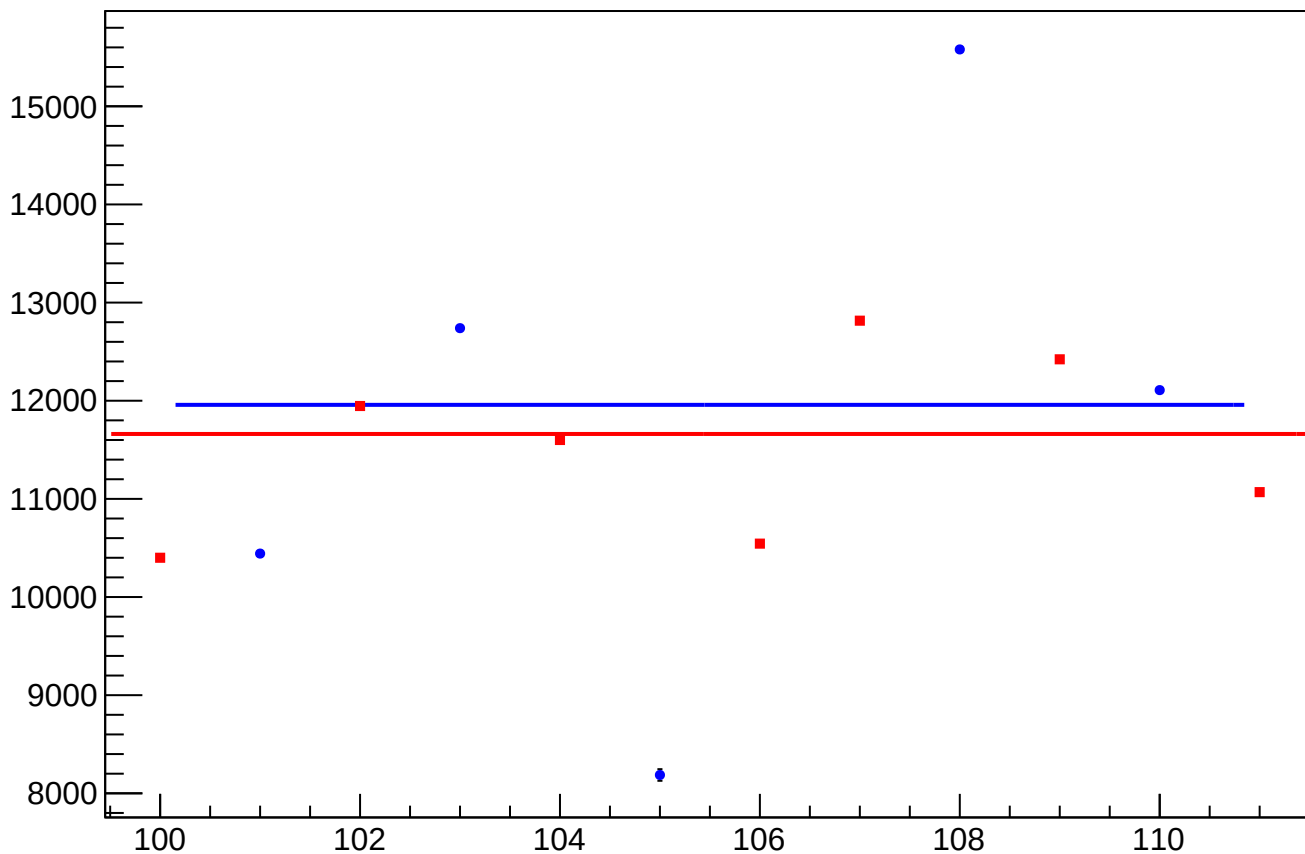
Right Out: -5.771+/-7.116 χ^2/NDF : 4.3/6

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

-15.927+/-8.786 χ^2/NDF : 2.4/4

-5.771+/-7.116 χ^2/NDF : 4.3/6

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

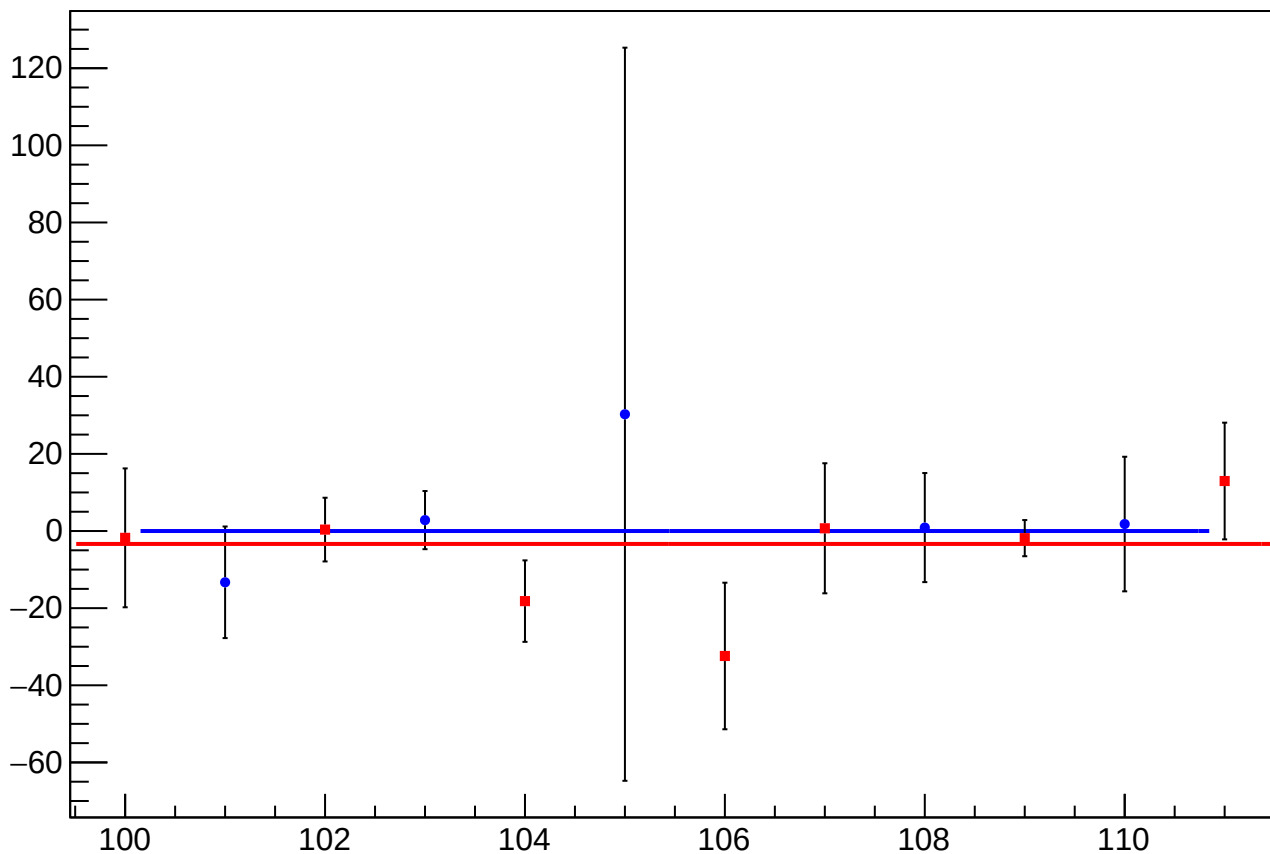
Right Out: 11661.387 $\pm$ 5.031 χ^2 /NDF: 21431.9/6

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

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

11661.387 $\pm$ 5.031 χ^2 /NDF: 21431.9/6

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

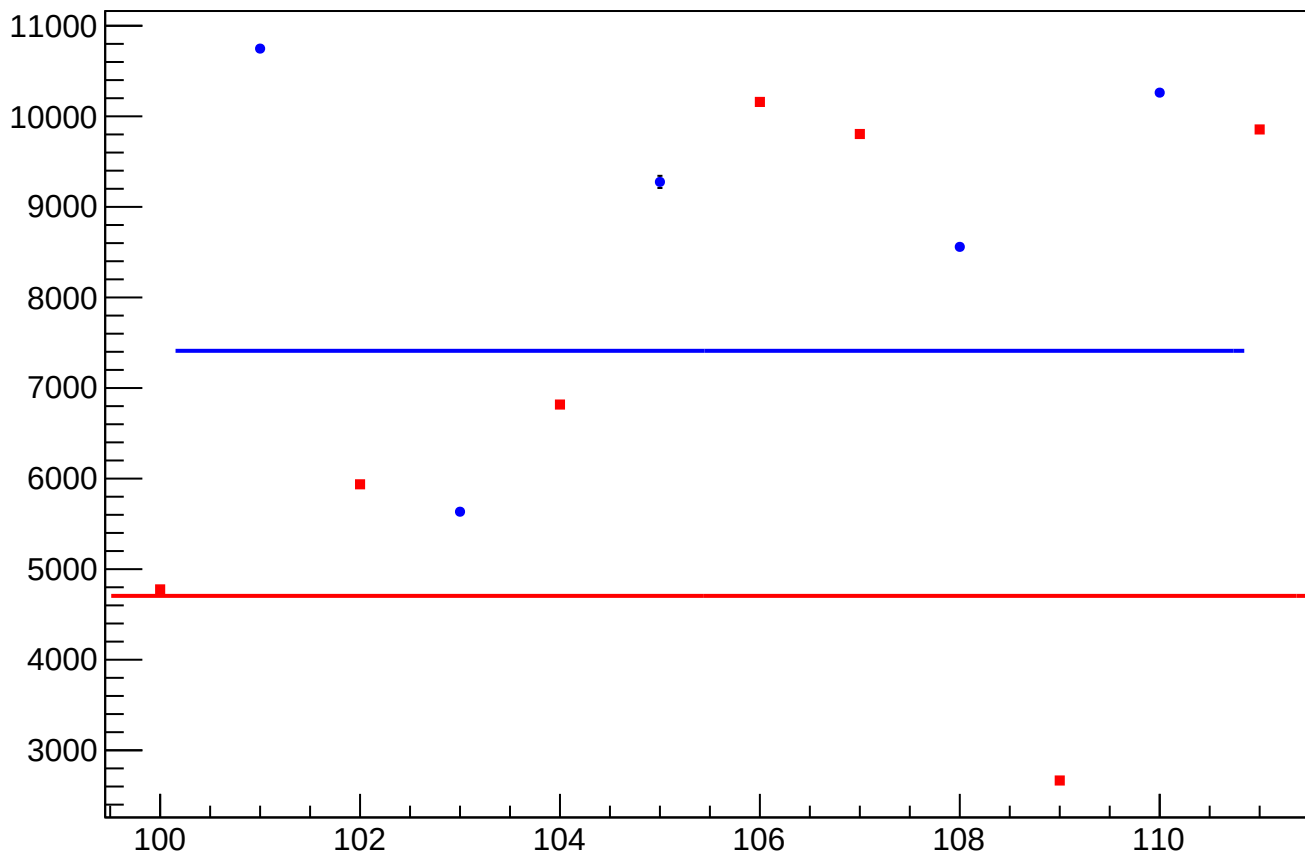
Right Out: -3.350 $\pm$ 3.474 χ^2 /NDF: 5.8/6

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

0.001 $\pm$ 5.701 χ^2 /NDF: 1.1/4

-3.350 $\pm$ 3.474 χ^2 /NDF: 5.8/6

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

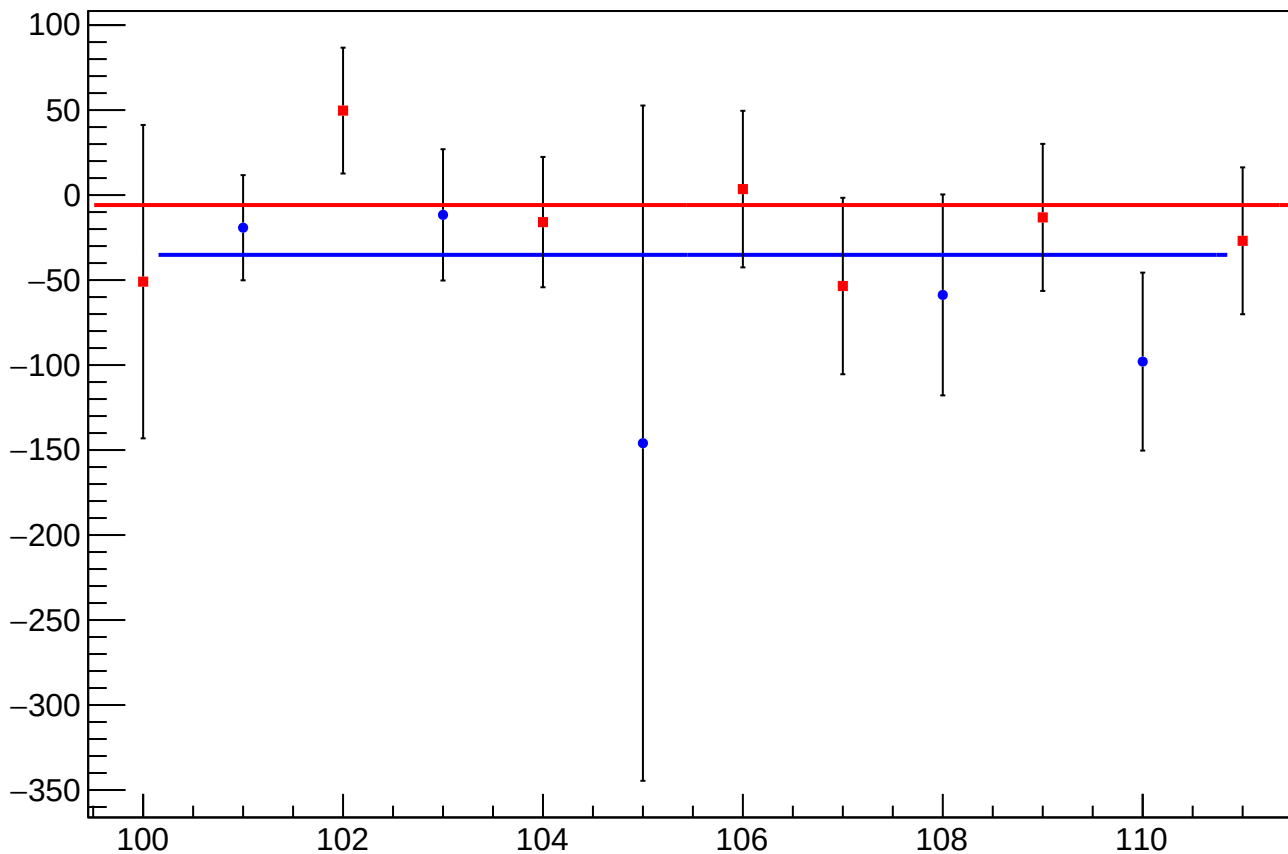
Right Out: 4705.009+/-2.456 χ^2 /NDF: 1082270.1/6

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

7410.919+/-4.031 χ^2 /NDF: 284819.9/4

4705.009+/-2.456 χ^2 /NDF: 1082270.1/6

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

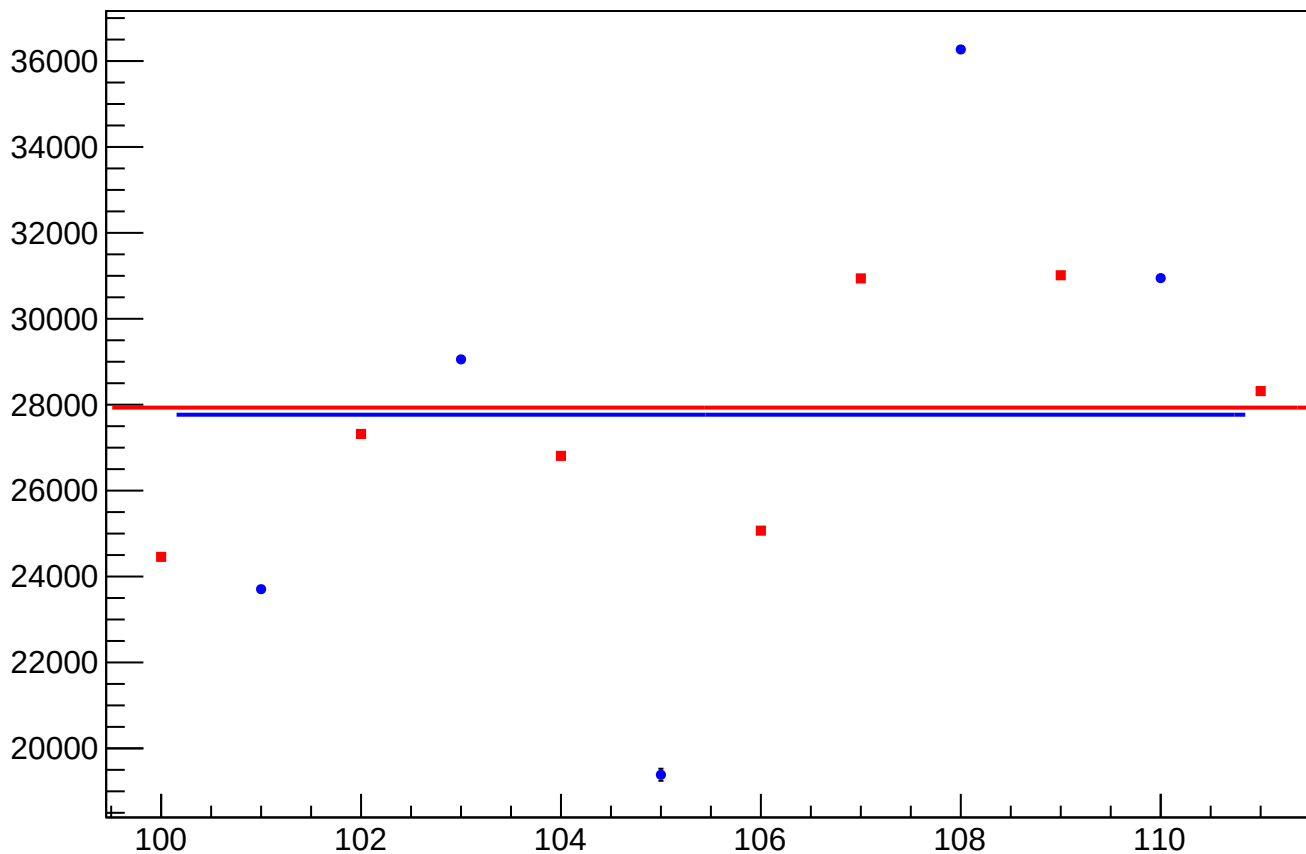
Right Out: -5.873 ± 17.048 χ^2/NDF : 3.7/6

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

-35.174 ± 20.445 χ^2/NDF : 2.5/4

-5.873 ± 17.048 χ^2/NDF : 3.7/6

diff_bpm12X_rms vs slug



Right In: 27767.009+/-14.457 χ^2/NDF : 89037.2/4

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

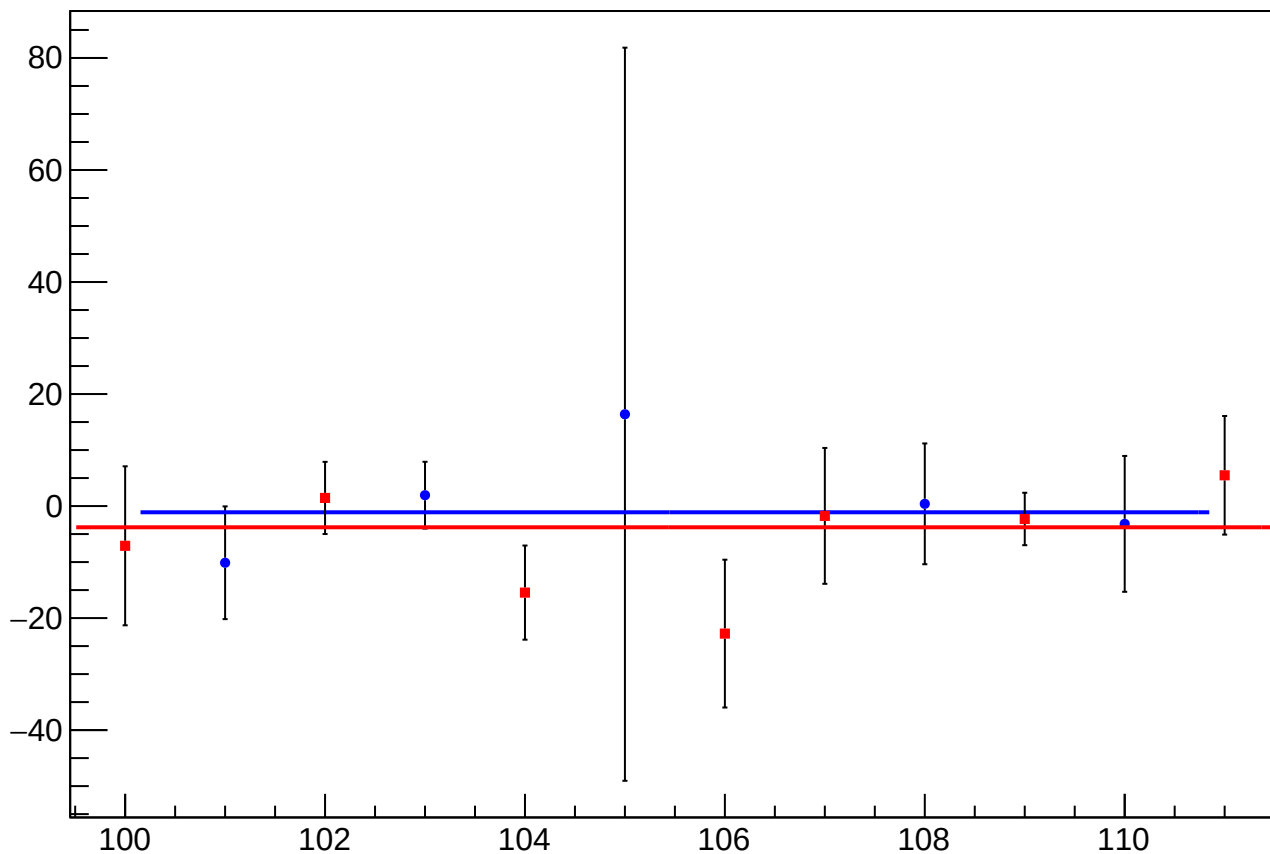
Right Out: 27932.018+/-12.055 χ^2/NDF : 29861.6/6

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

27767.009+/-14.457 χ^2/NDF : 89037.2/4

27932.018+/-12.055 χ^2/NDF : 29861.6/6

diff_bpm12Y_mean vs slug



Right In: -1.112+/-4.318 χ^2/NDF : 1.2/4

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

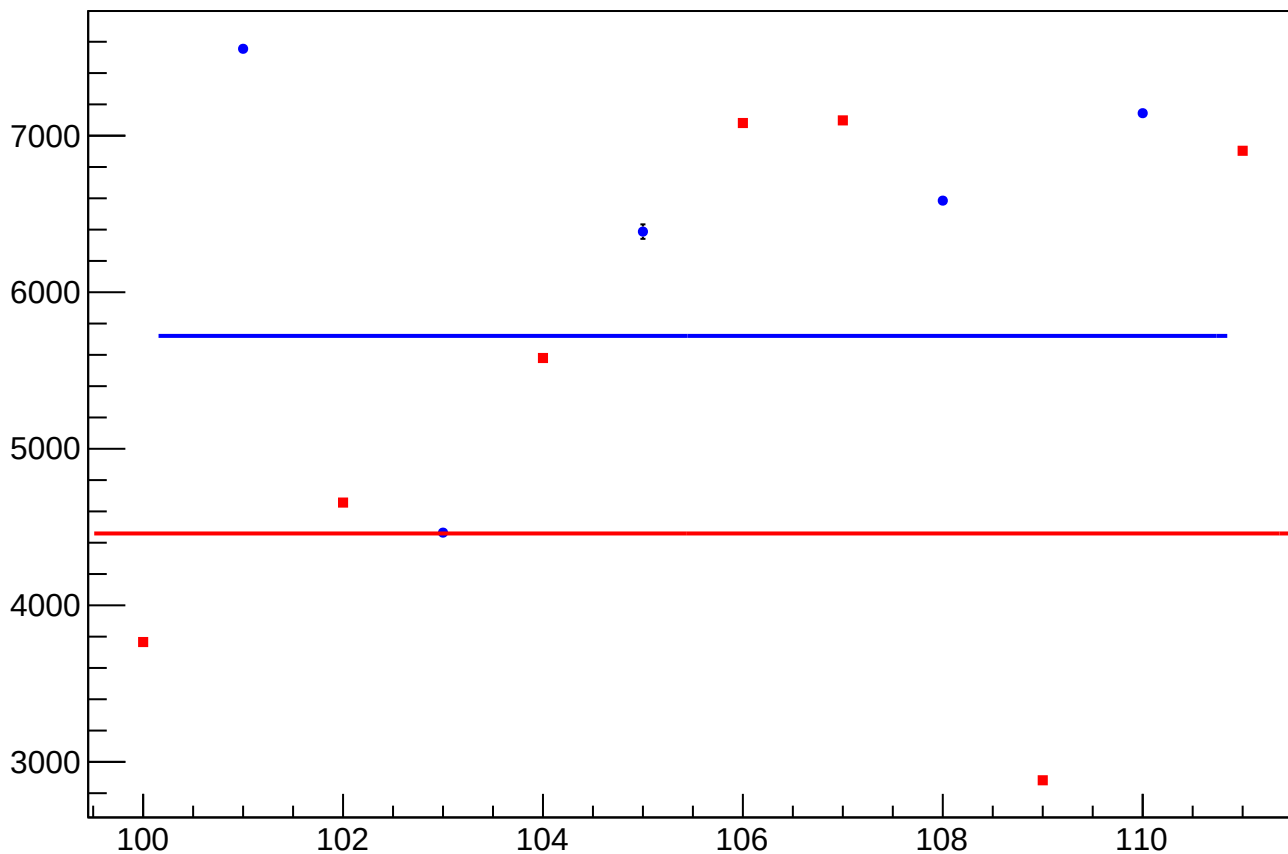
Right Out: -3.789+/-3.011 χ^2/NDF : 5.6/6

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

-1.112+/-4.318 χ^2/NDF : 1.2/4

-3.789+/-3.011 χ^2/NDF : 5.6/6

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

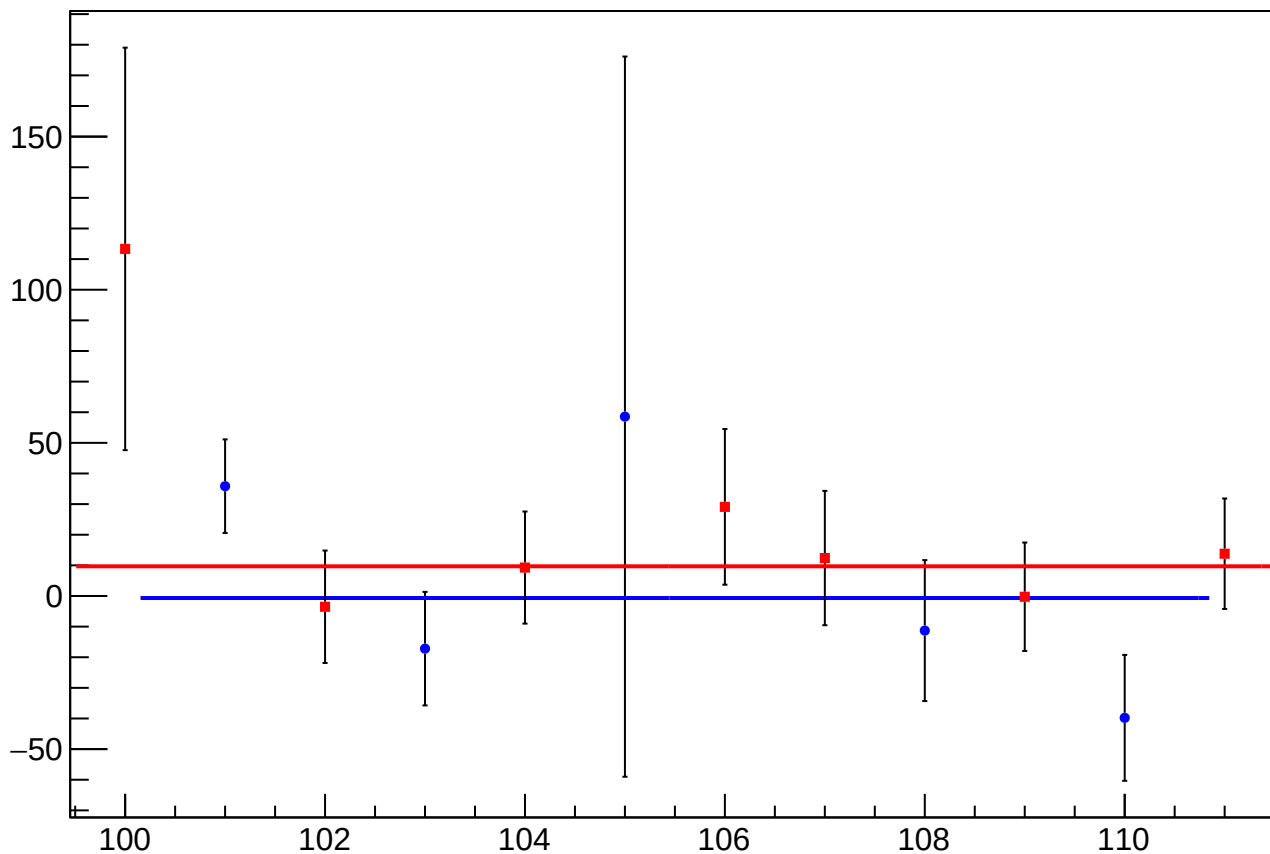
Right Out: 4459.060+/-2.129 χ^2/NDF : 549437.2/6

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

5721.134+/-3.053 χ^2/NDF : 195859.2/4

4459.060+/-2.129 χ^2/NDF : 549437.2/6

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

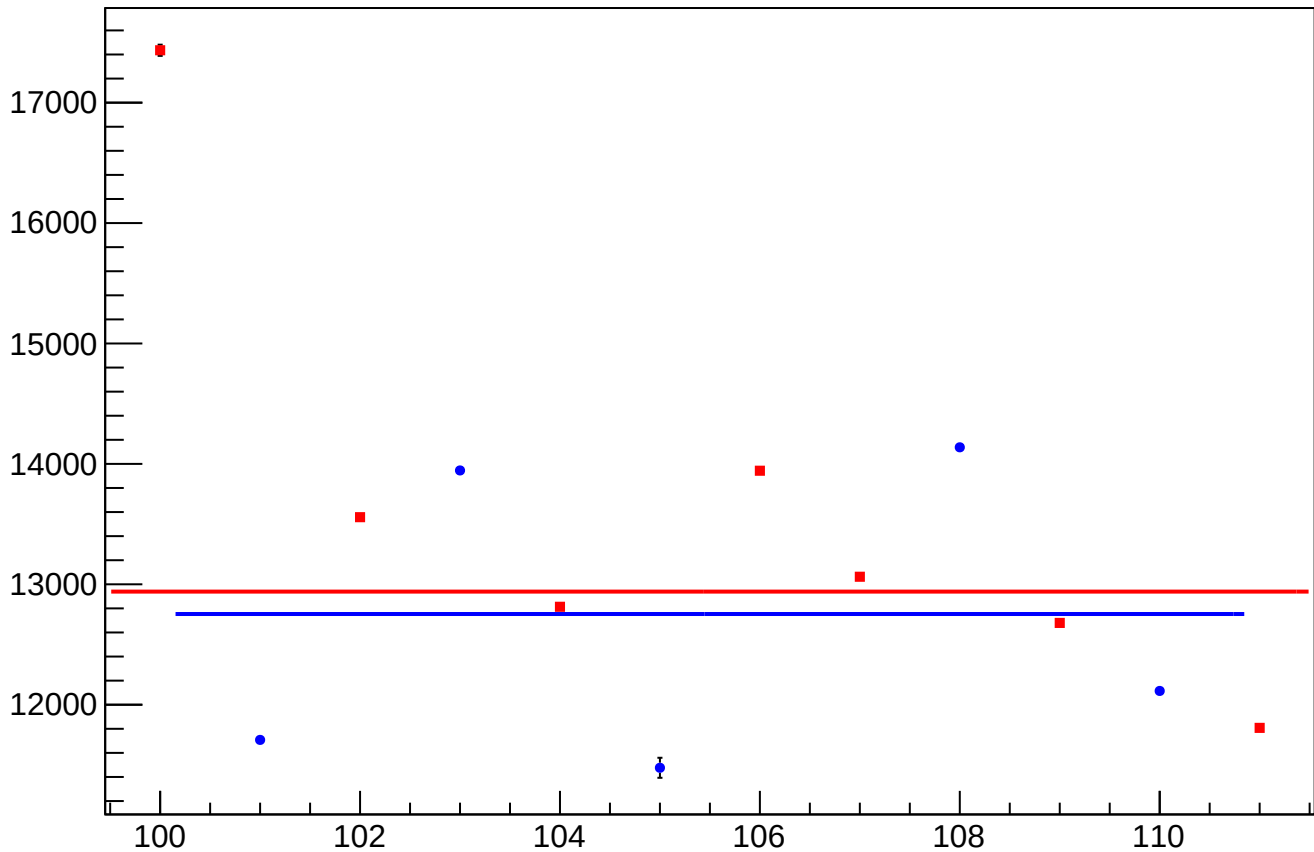
Right Out: 9.696+/-7.886 χ^2/NDF : 4.0/6

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

-0.663+/-9.315 χ^2/NDF : 10.6/4

9.696+/-7.886 χ^2/NDF : 4.0/6

diff_bpm16X_rms vs slug



Right In: 12753.297 $\pm$ 6.587 χ^2 /NDF: 27052.2/4

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

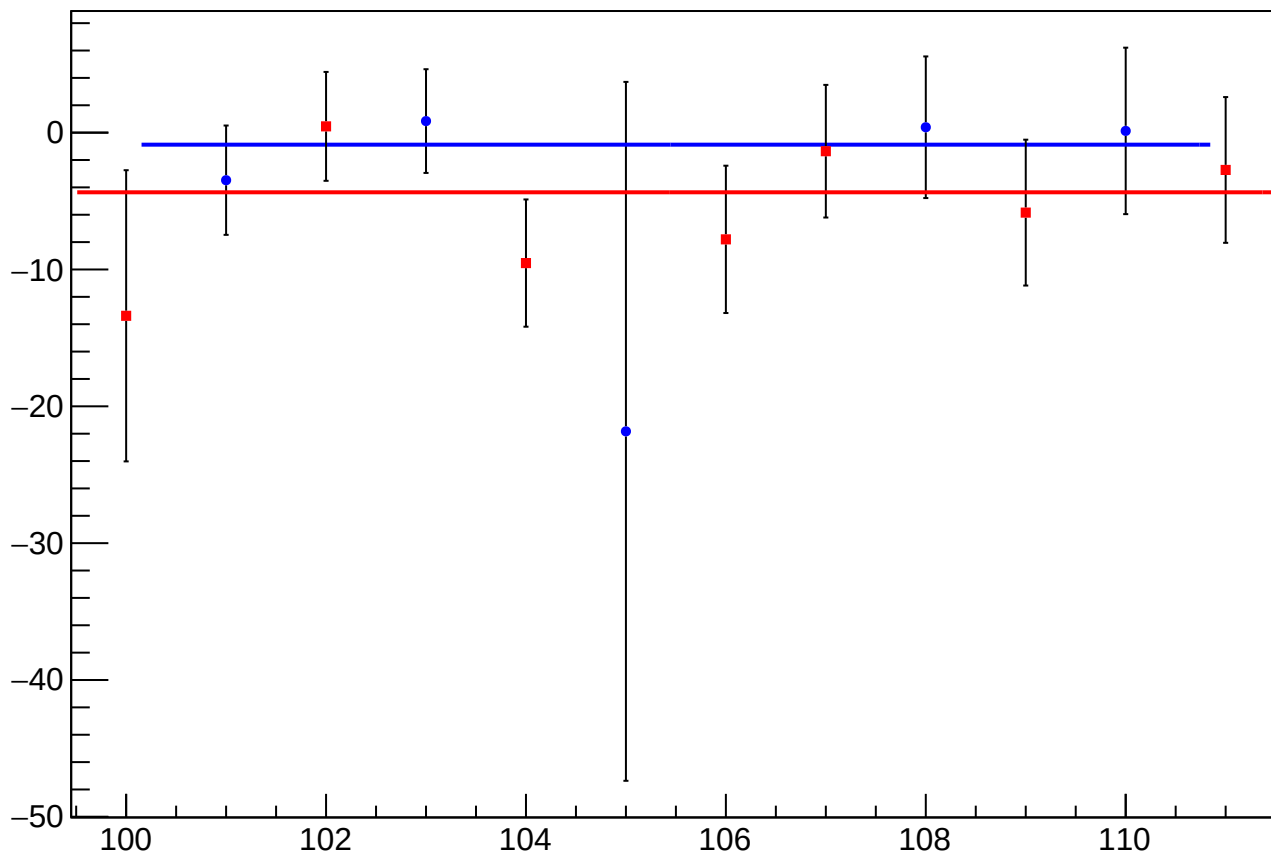
12753.297 $\pm$ 6.587 χ^2 /NDF: 27052.2/4

Right Out: 12939.418 $\pm$ 5.576 χ^2 /NDF: 23215.2/6

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

12939.418 $\pm$ 5.576 χ^2 /NDF: 23215.2/6

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

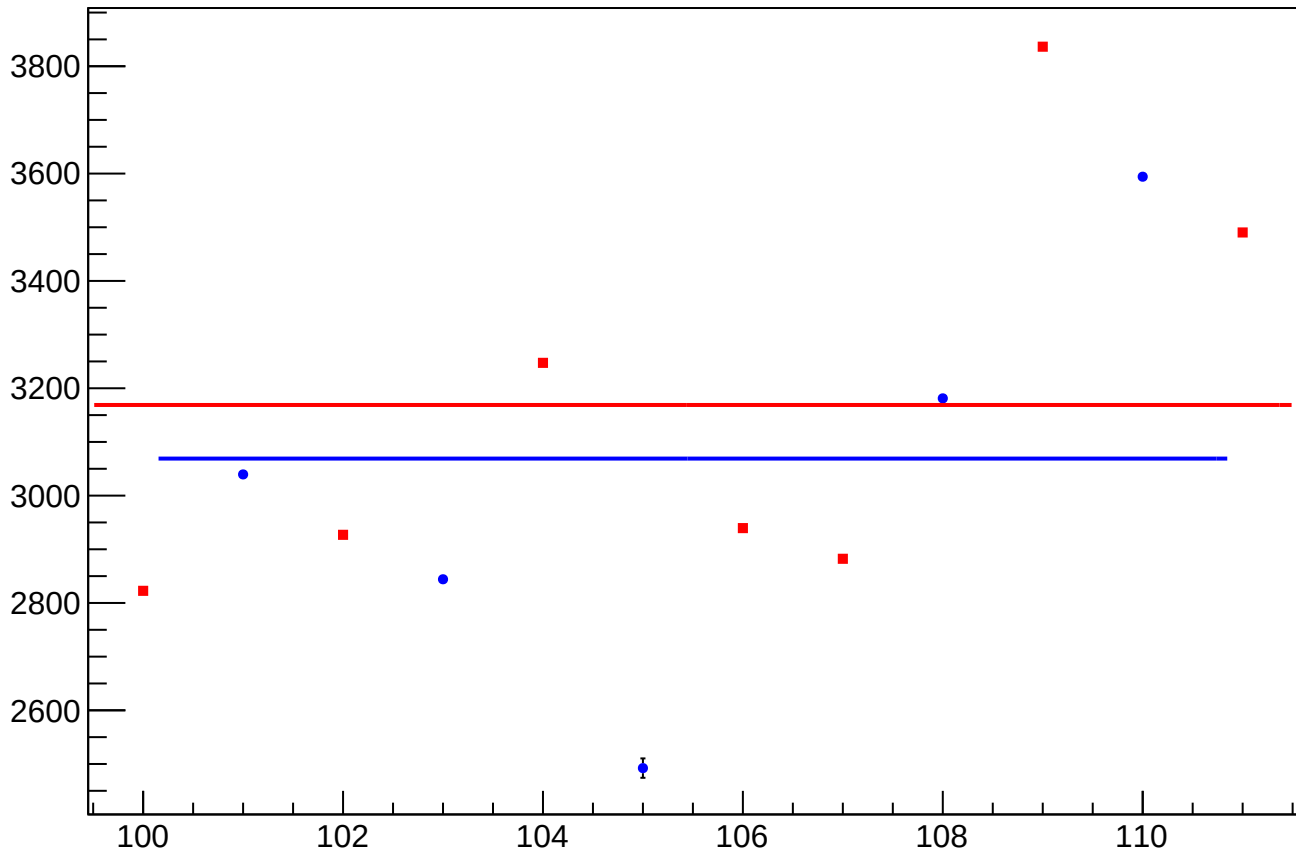
Right Out: -4.360+/-1.940 χ^2/NDF : 4.4/6

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

-0.879+/-2.246 χ^2/NDF : 1.4/4

-4.360+/-1.940 χ^2/NDF : 4.4/6

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

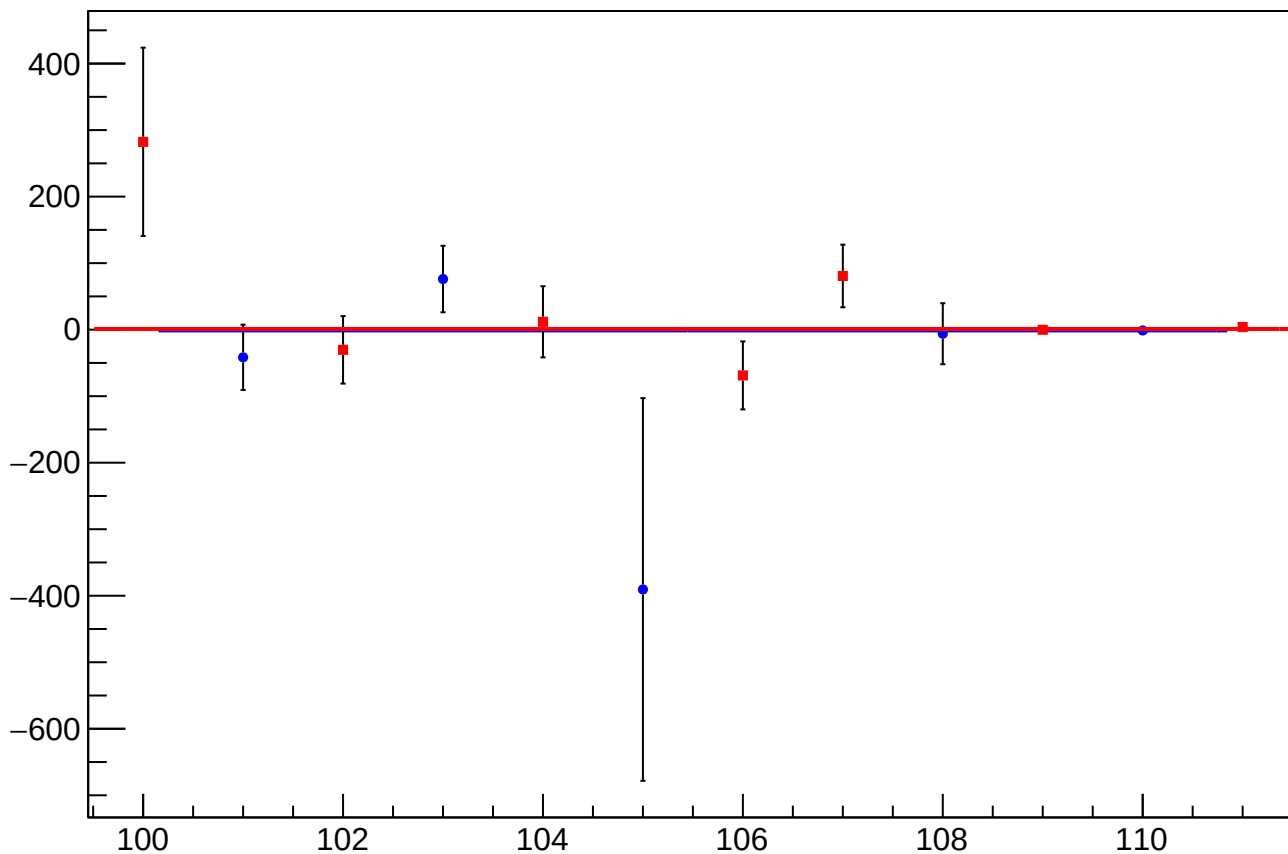
3069.002 $\pm$ 1.588 χ^2 /NDF: 24018.7/4

Right Out: 3168.878 $\pm$ 1.371 χ^2 /NDF: 59367.2/6

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

3168.878 $\pm$ 1.371 χ^2 /NDF: 59367.2/6

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

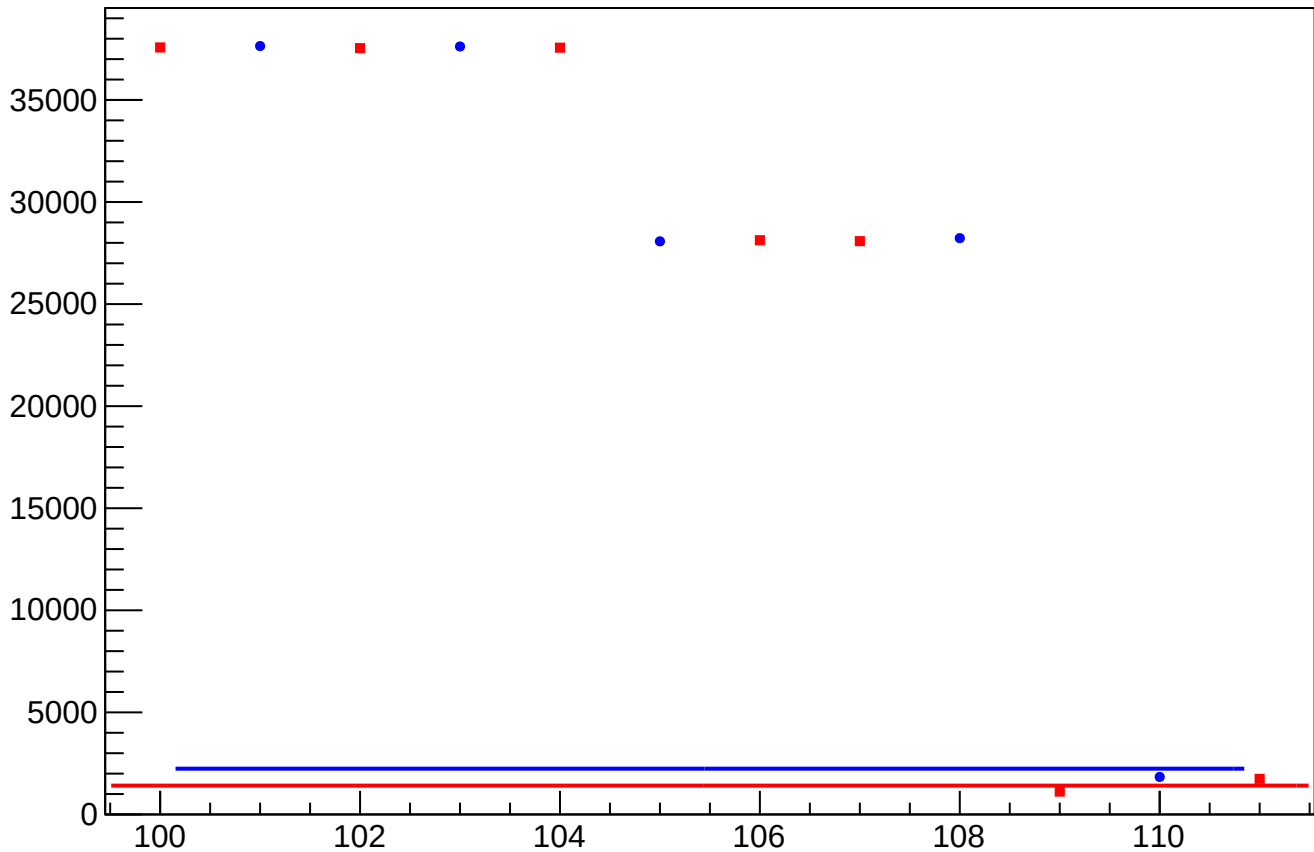
Right Out: 1.075+/-1.449 χ^2/NDF : 10.7/6

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

-1.143+/-3.101 χ^2/NDF : 4.9/4

1.075+/-1.449 χ^2/NDF : 10.7/6

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

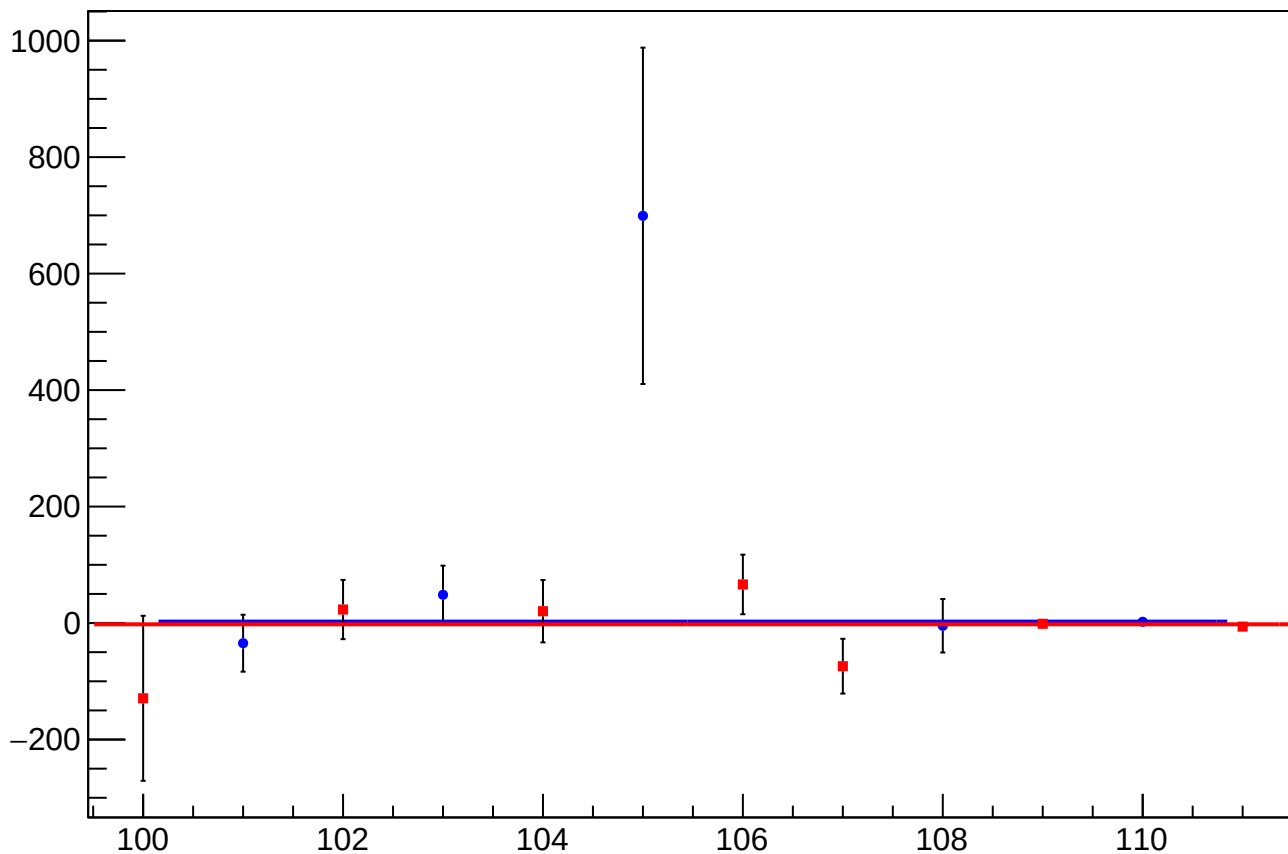
2242.248+/-2.193 χ^2/NDF : 2735223.3/4

Right Out: 1412.662+/-1.025 χ^2/NDF : 3334313.6/6

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

1412.662+/-1.025 χ^2/NDF : 3334313.6/6

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

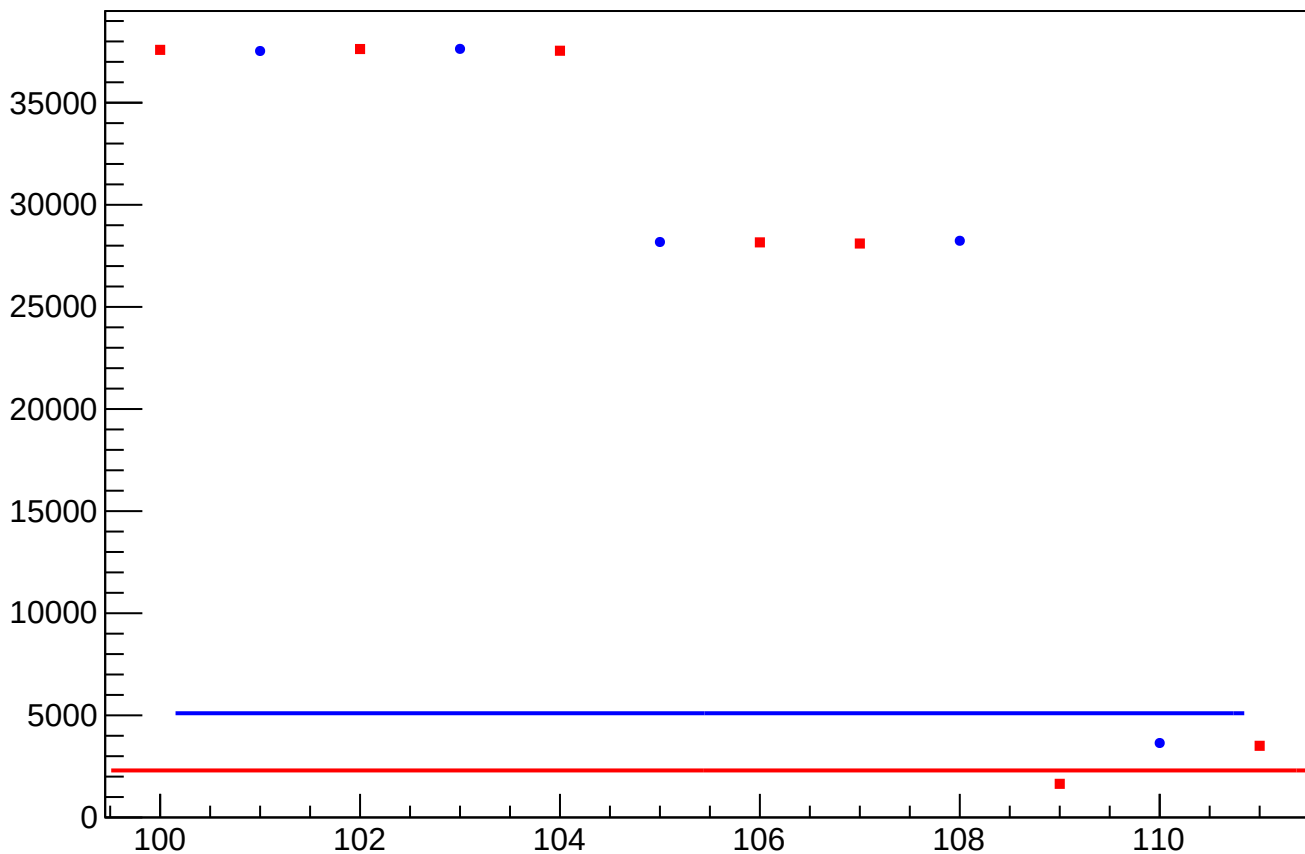
Right Out: -2.140+/-2.390 χ^2/NDF : 6.0/6

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

2.491+/-6.055 χ^2/NDF : 7.3/4

-2.140+/-2.390 χ^2/NDF : 6.0/6

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

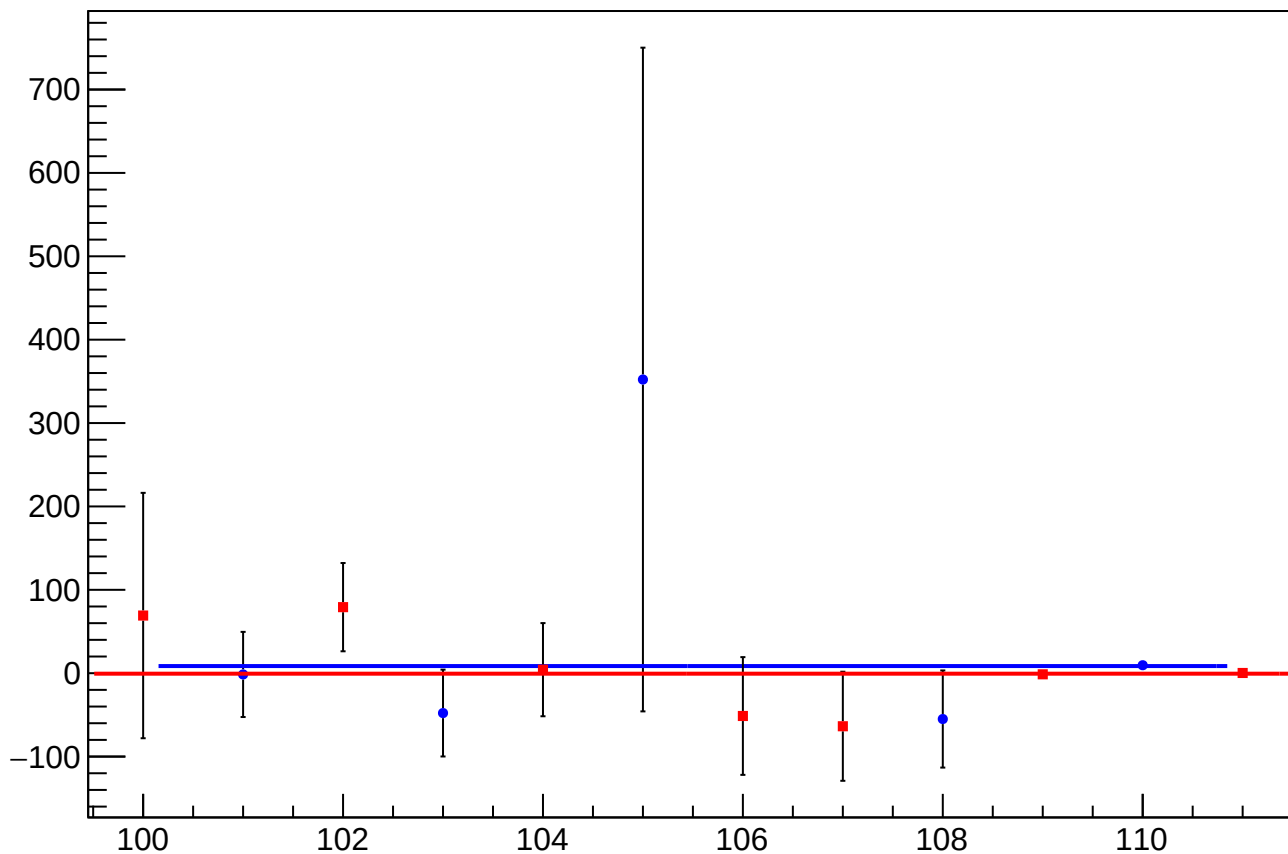
Right Out: 2301.864+/-1.690 χ^2/NDF : 3289148.1/6

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

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

2301.864+/-1.690 χ^2/NDF : 3289148.1/6

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

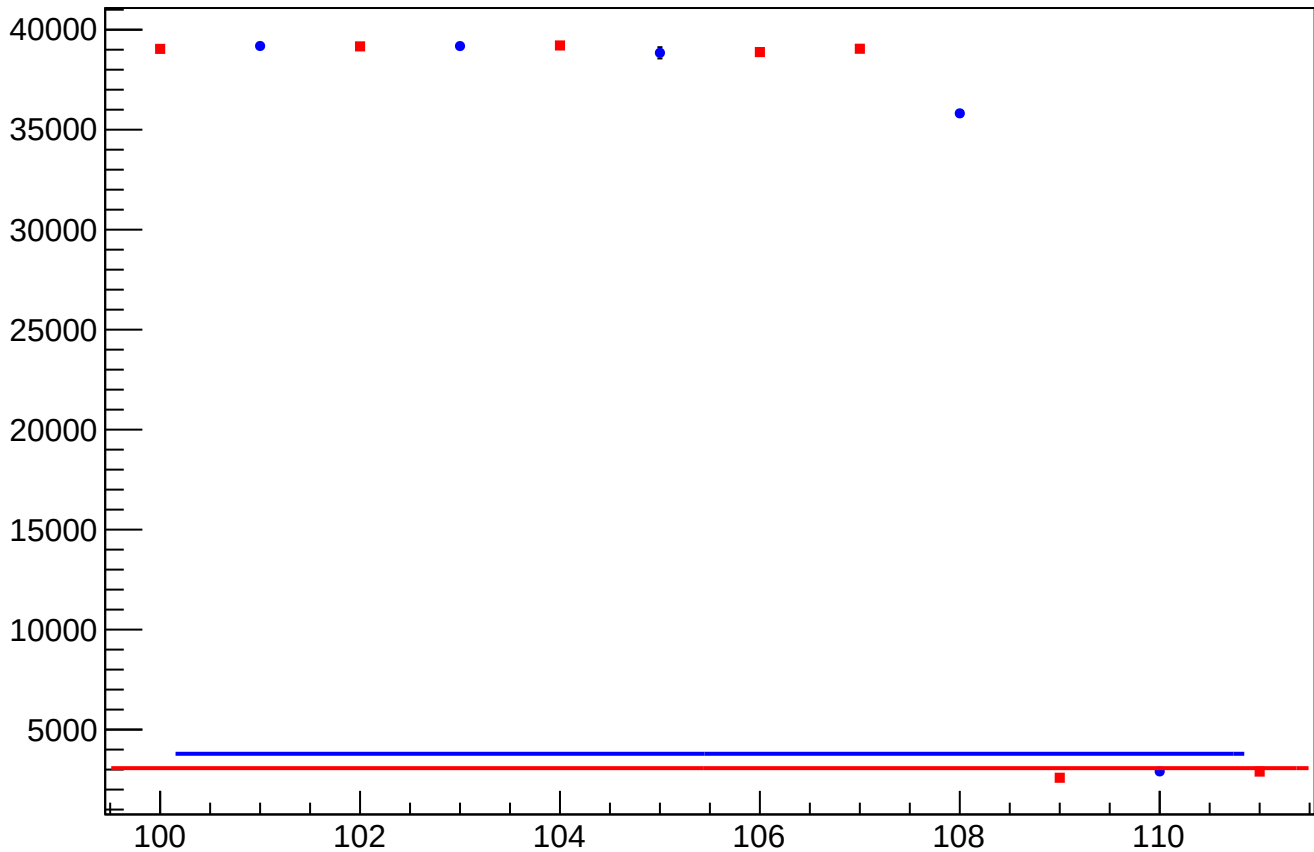
Right Out: -0.592+/-2.876 χ^2/NDF : 4.0/6

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

8.555+/-4.868 χ^2/NDF : 3.2/4

-0.592+/-2.876 χ^2/NDF : 4.0/6

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

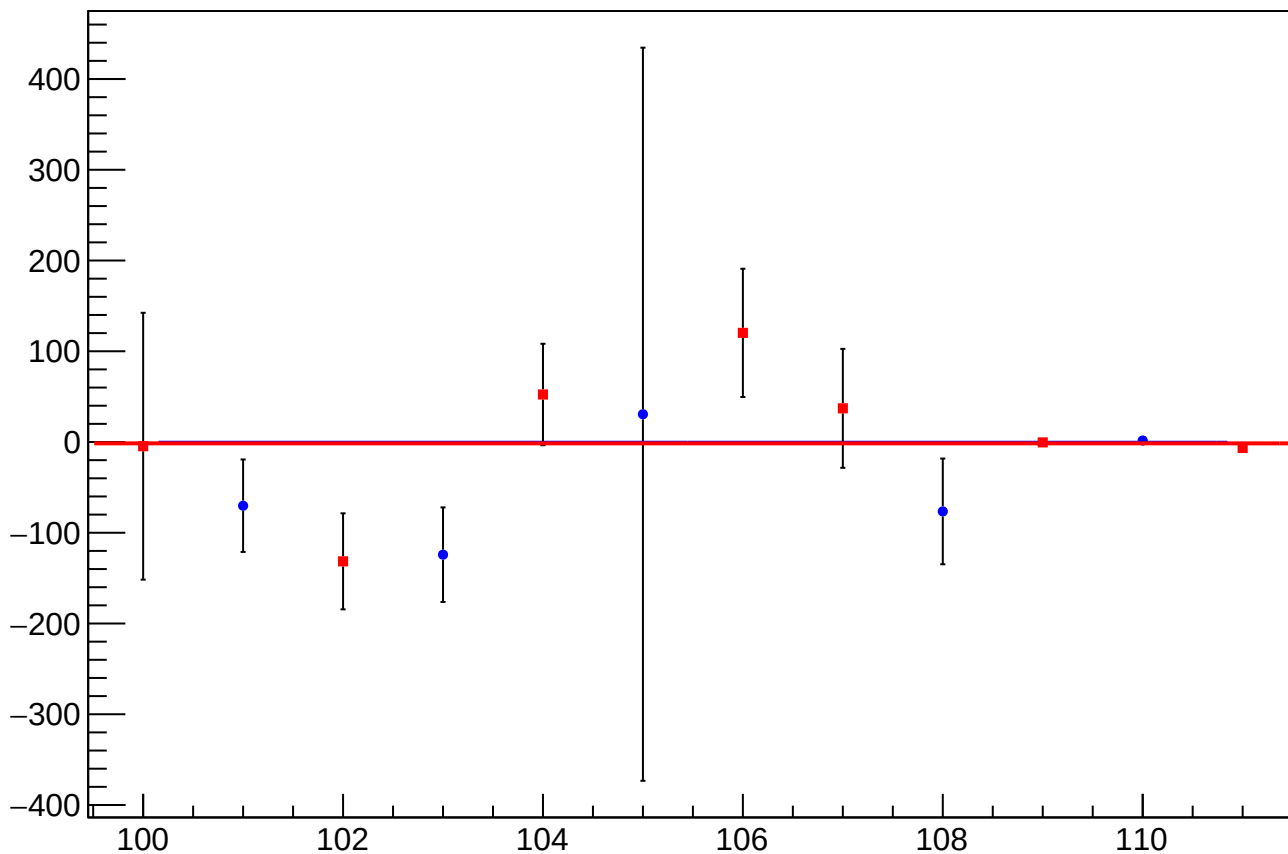
3789.838+/-3.442 χ^2/NDF : 2569494.8/4

Right Out: 3071.408+/-2.034 χ^2/NDF : 3040326.3/6

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

3071.408+/-2.034 χ^2/NDF : 3040326.3/6

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

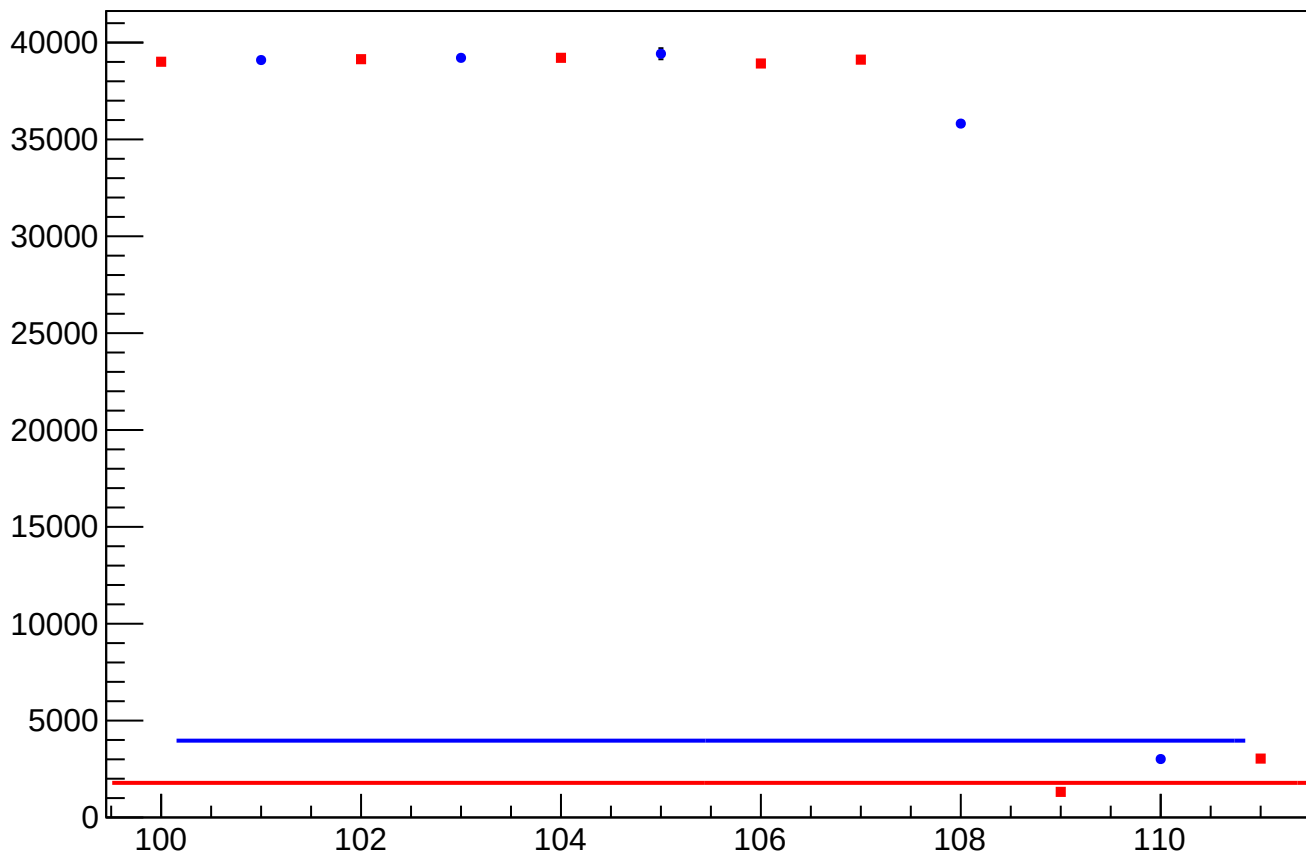
Right Out: -1.481+/-1.965 χ^2 /NDF: 11.7/6

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

-0.822+/-5.055 χ^2 /NDF: 9.4/4

-1.481+/-1.965 χ^2 /NDF: 11.7/6

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

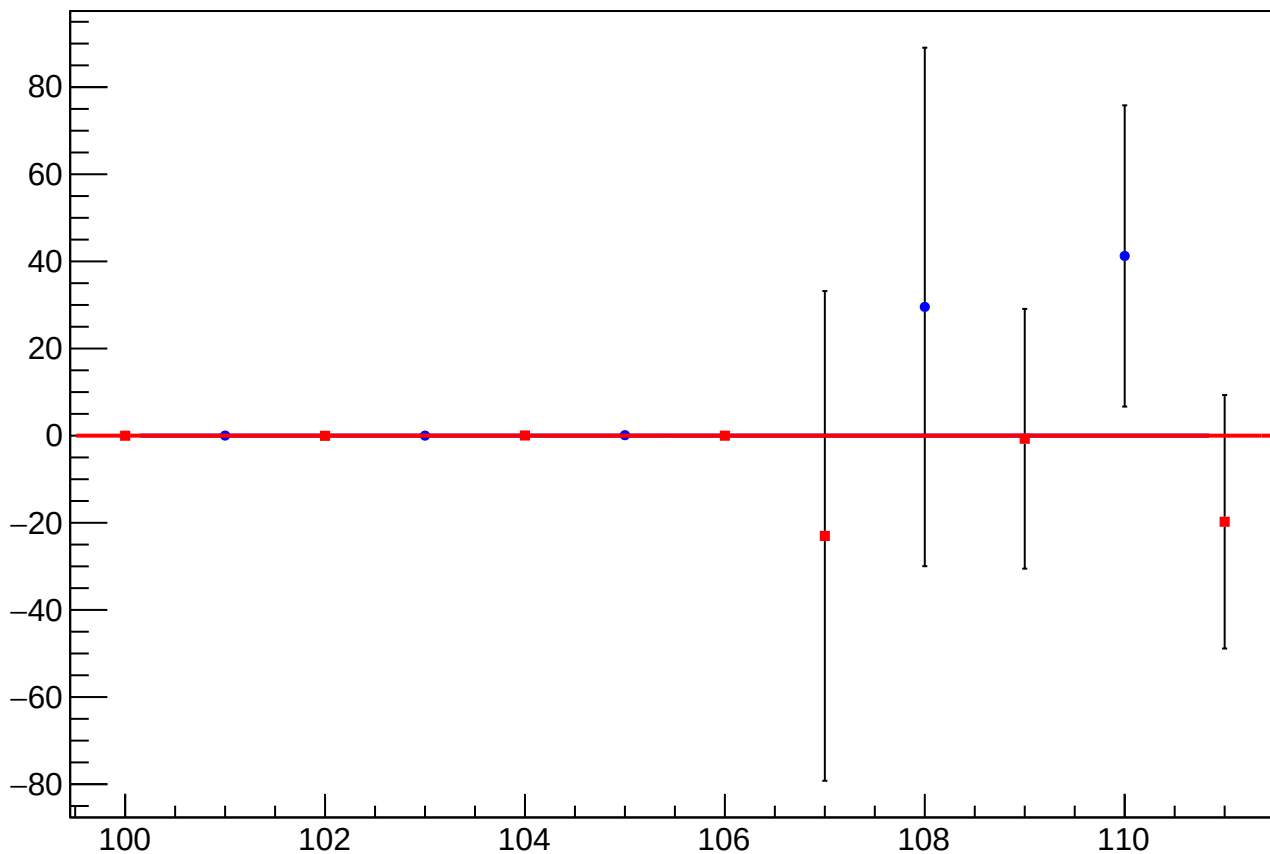
Right Out: 1785.435+/-1.389 χ^2/NDF : 3456586.0/6

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

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

1785.435+/-1.389 χ^2/NDF : 3456586.0/6

diff_cav4bX_mean vs slug



Right In: 0.015+/-0.017 χ^2/NDF : 2.2/4

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

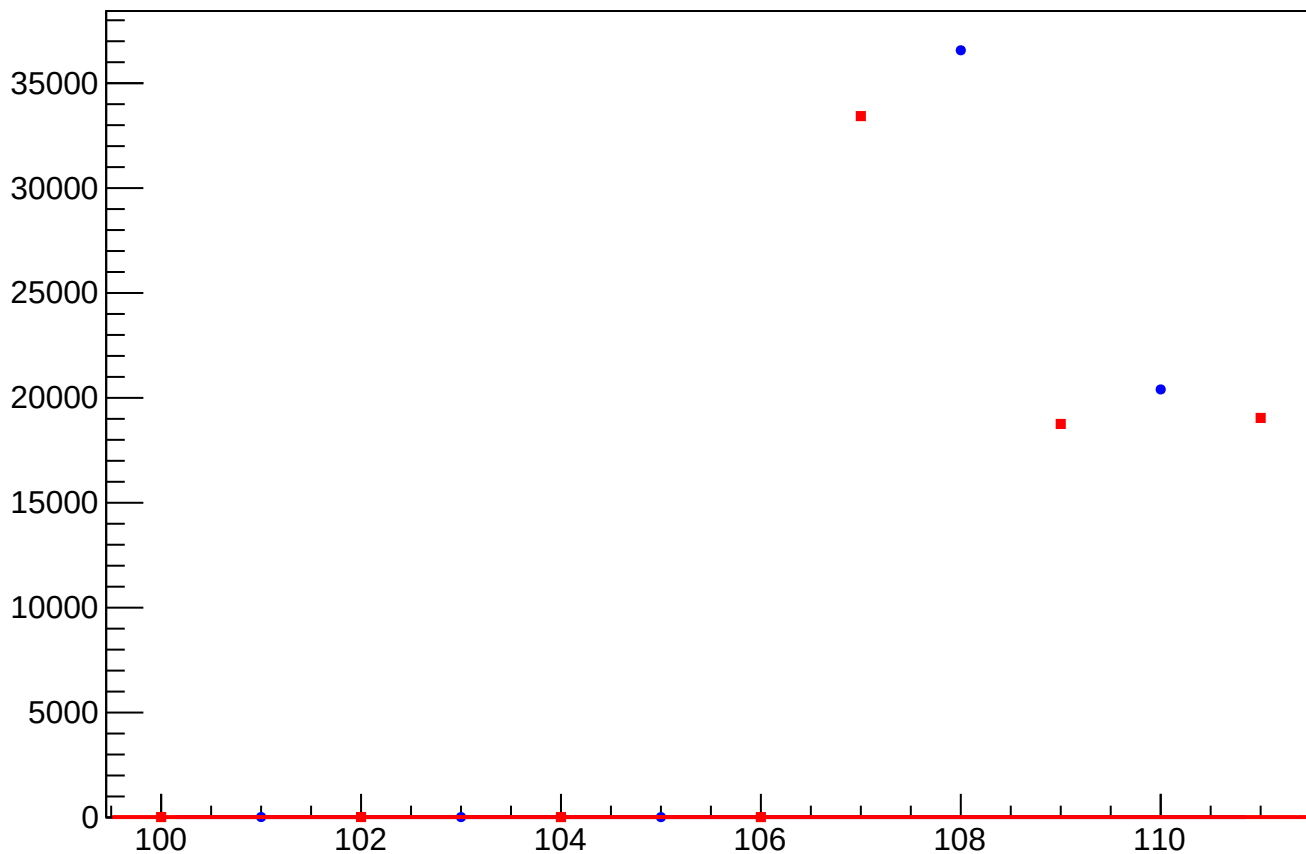
Right Out: 0.003+/-0.016 χ^2/NDF : 5.5/6

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

0.015+/-0.017 χ^2/NDF : 2.2/4

0.003+/-0.016 χ^2/NDF : 5.5/6

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

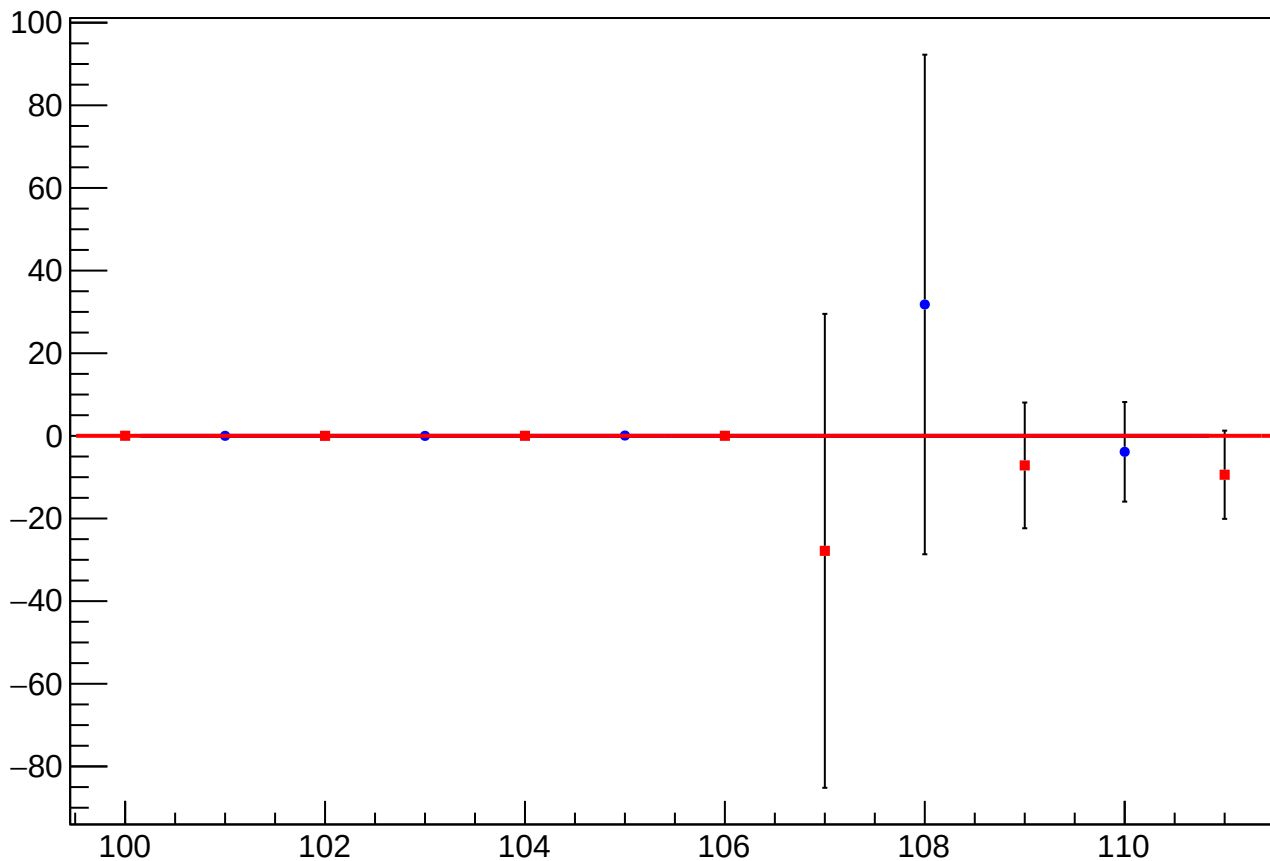
Right Out: 18.256+/-0.011 χ^2/NDF : 2364589.2/6

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

18.534+/-0.012 χ^2/NDF : 1462186.4/4

18.256+/-0.011 χ^2/NDF : 2364589.2/6

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

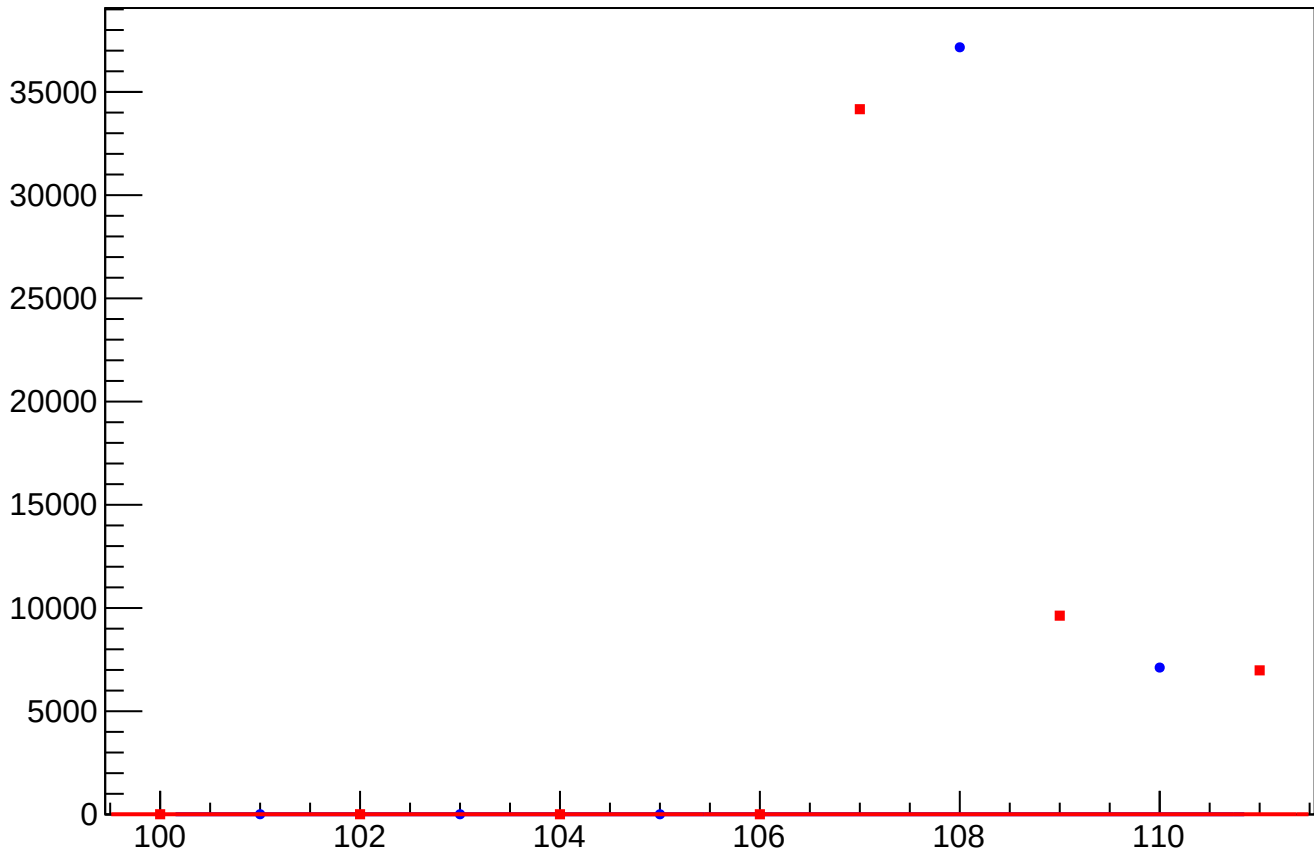
Right Out: 0.014 $\pm$ 0.009 χ^2 /NDF: 1.9/6

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: 1.9/6

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

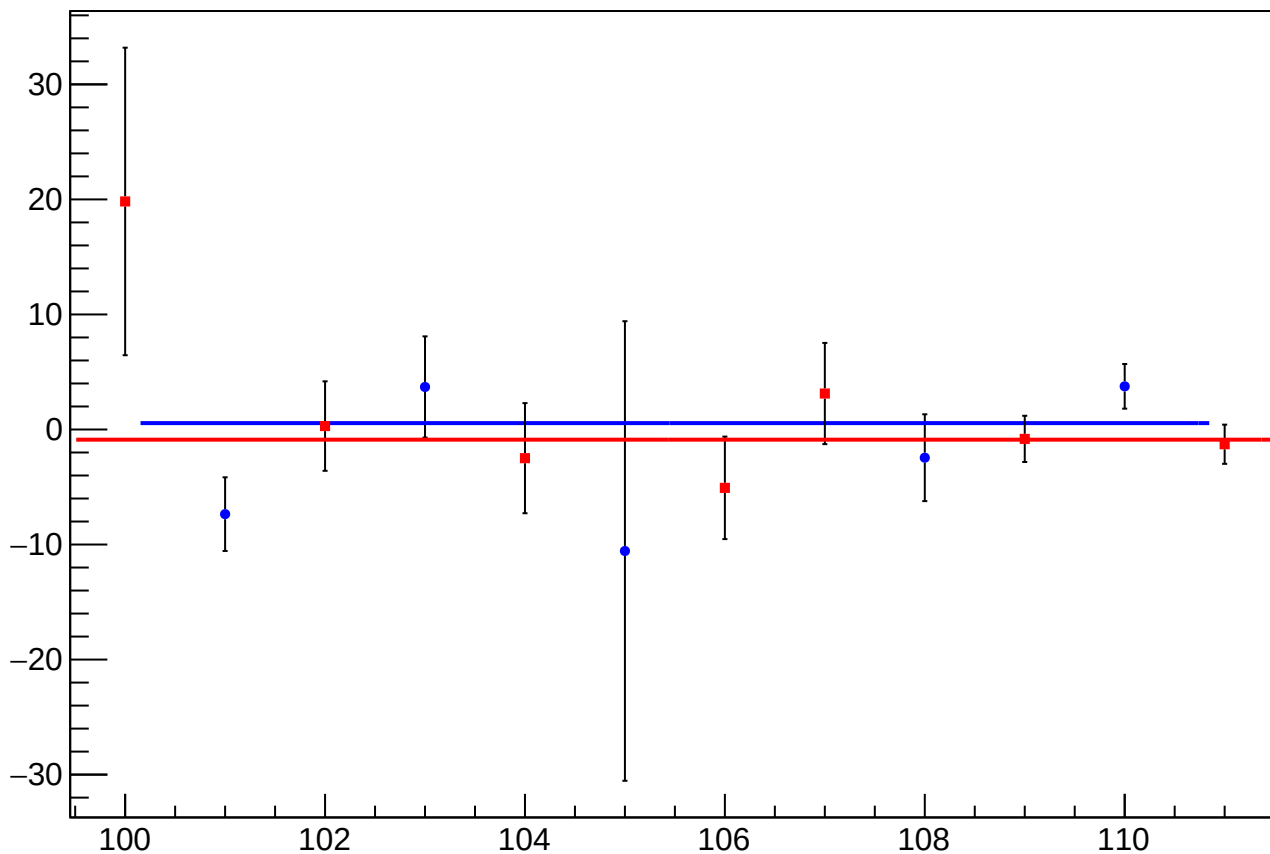
Right Out: 9.789+/-0.006 χ^2/NDF : 2375340.3/6

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

9.840+/-0.006 χ^2/NDF : 1462104.2/4

9.789+/-0.006 χ^2/NDF : 2375340.3/6

diff_cav4cX_mean vs slug



Right In: 0.555+/-1.432 χ^2/NDF : 10.3/4

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

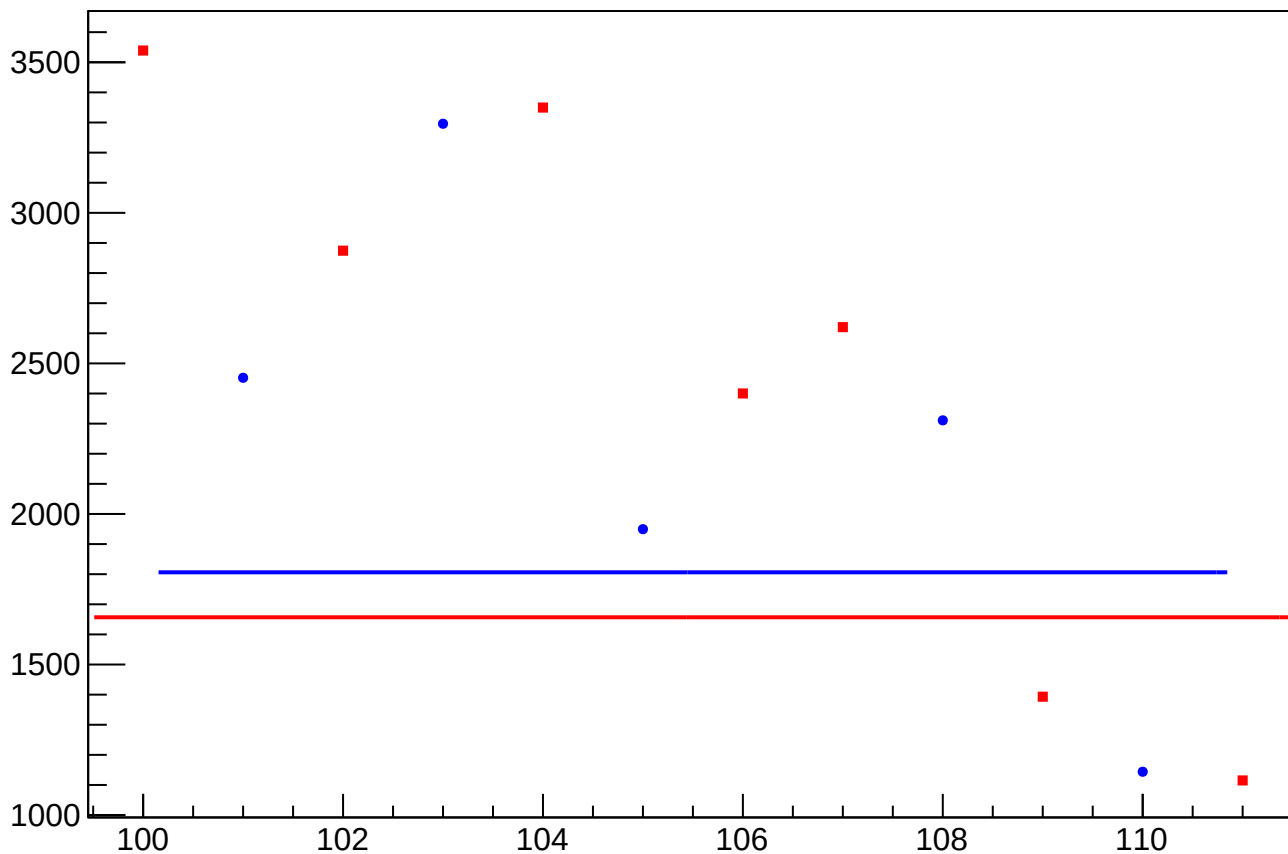
Right Out: -0.885+/-1.111 χ^2/NDF : 4.4/6

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

0.555+/-1.432 χ^2/NDF : 10.3/4

-0.885+/-1.111 χ^2/NDF : 4.4/6

diff_cav4cX_rms vs slug



Right In: 1806.245 $\pm$ 1.013 χ^2 /NDF: 579600.7/4

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

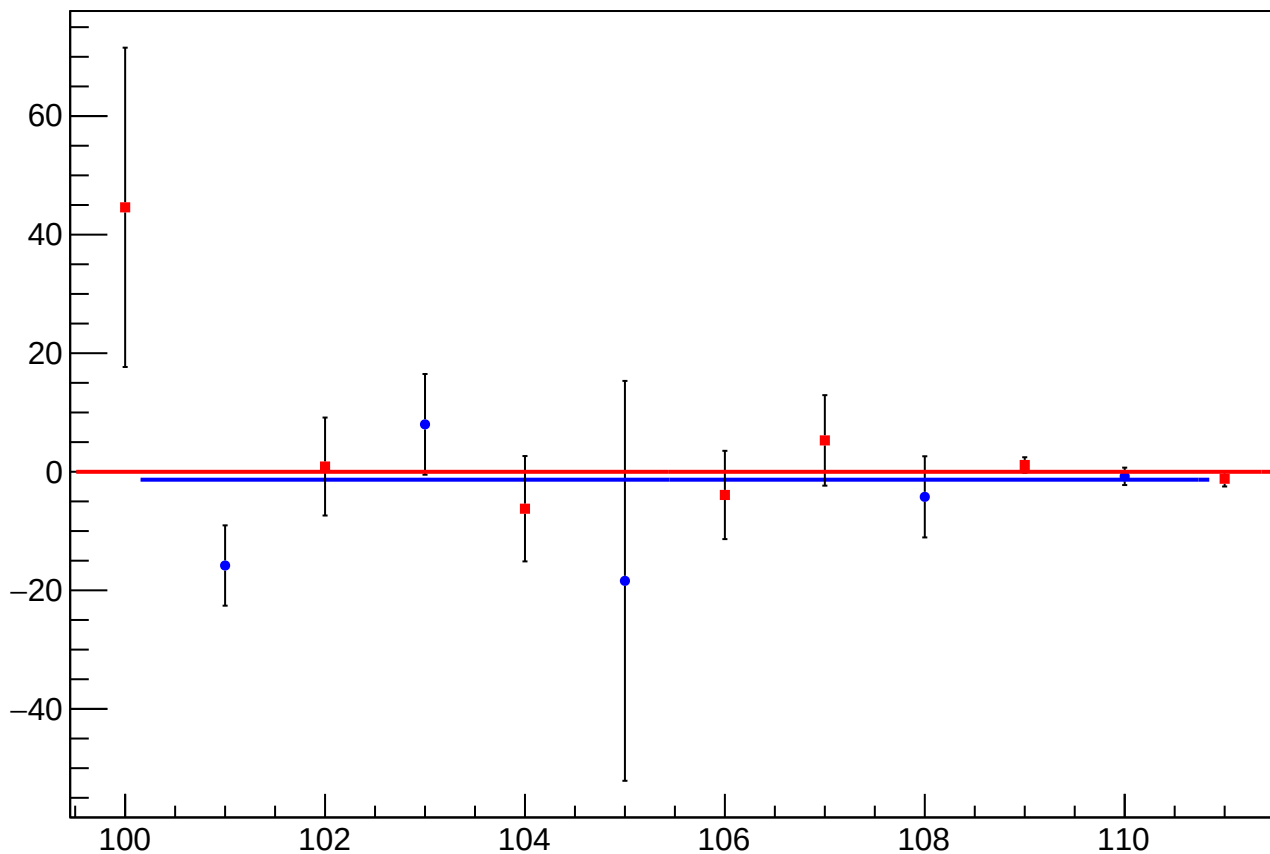
Right Out: 1656.880 $\pm$ 0.786 χ^2 /NDF: 874248.0/6

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

1806.245 $\pm$ 1.013 χ^2 /NDF: 579600.7/4

1656.880 $\pm$ 0.786 χ^2 /NDF: 874248.0/6

diff_cav4cY_mean vs slug



Right In: -1.338 $\pm$ 1.384 χ^2 /NDF: 6.4/4

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

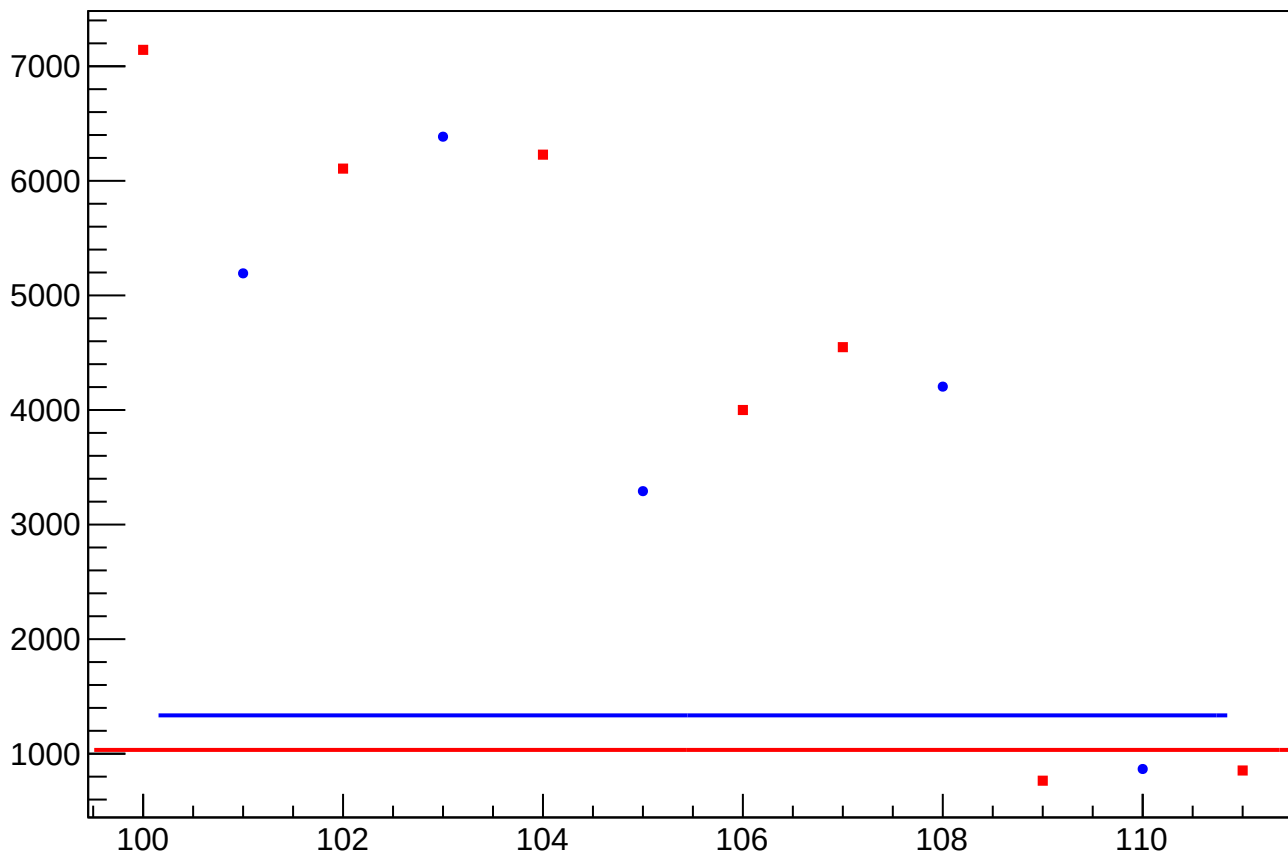
Right Out: -0.006 $\pm$ 0.900 χ^2 /NDF: 5.6/6

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

-1.338 $\pm$ 1.384 χ^2 /NDF: 6.4/4

-0.006 $\pm$ 0.900 χ^2 /NDF: 5.6/6

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

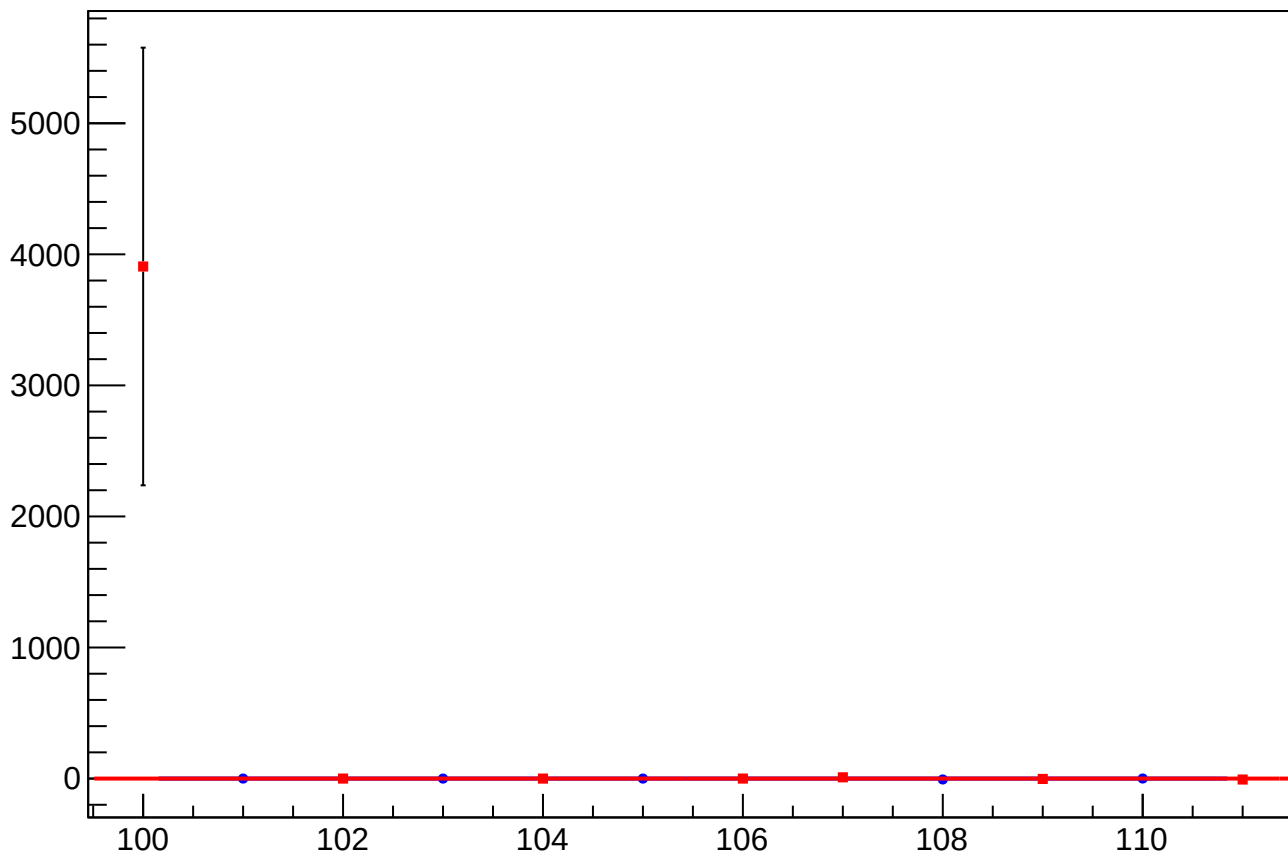
Right Out: 1033.316 $\pm$ 0.636 χ^2 /NDF: 2404330.2/6

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

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

1033.316 $\pm$ 0.636 χ^2 /NDF: 2404330.2/6

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

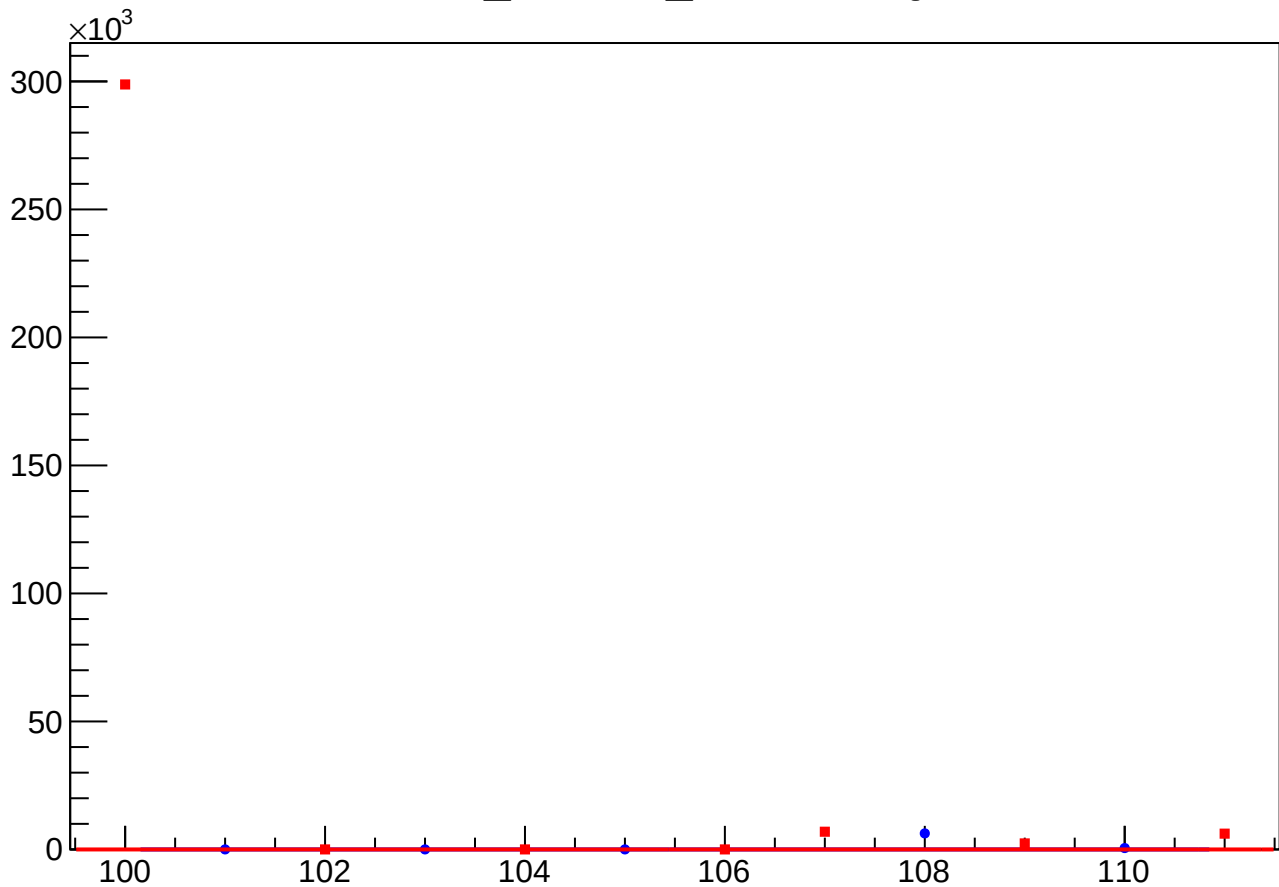
Right Out: -0.027+/-0.020 χ^2/NDF : 7.9/6

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 : 7.9/6

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

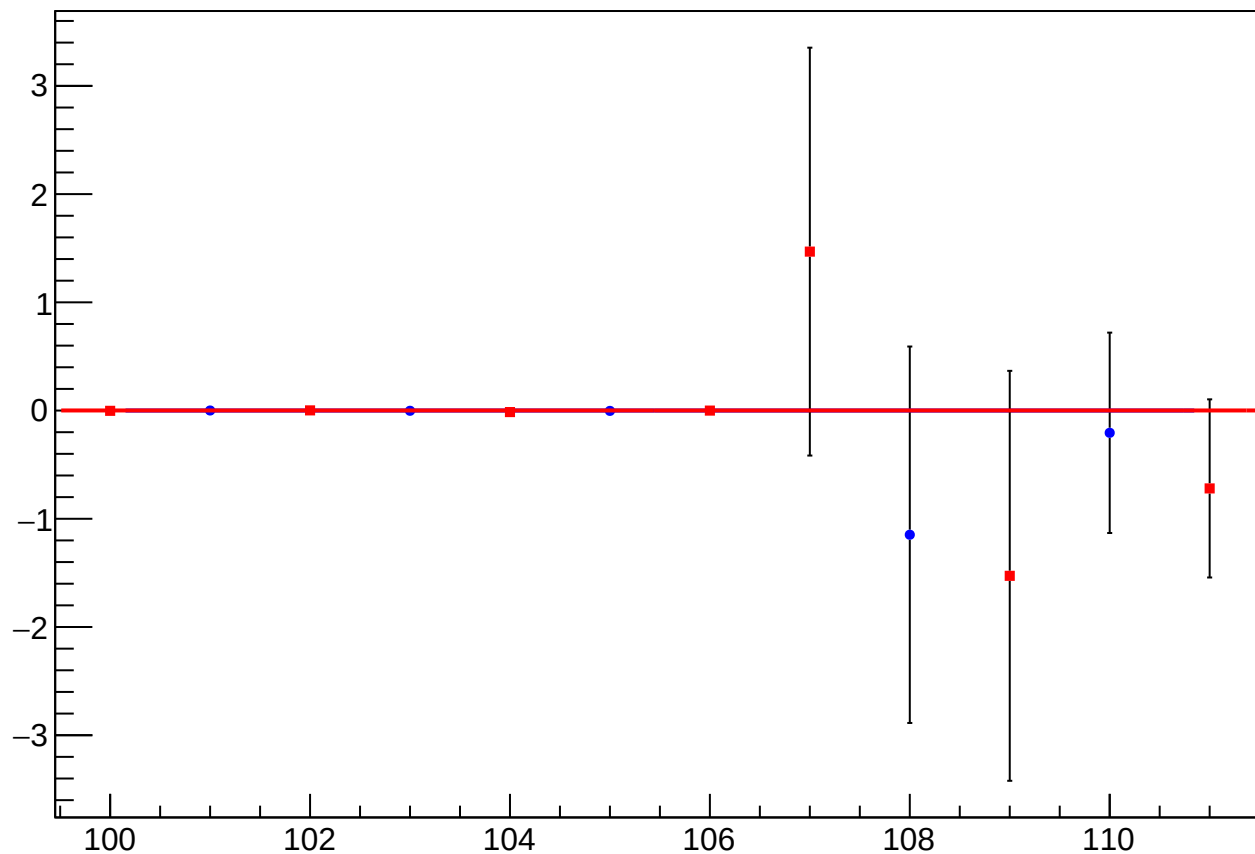
Right Out: 17.019 $\pm$ 0.014 χ^2 /NDF: 2101158.6/6

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

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

17.019 $\pm$ 0.014 χ^2 /NDF: 2101158.6/6

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

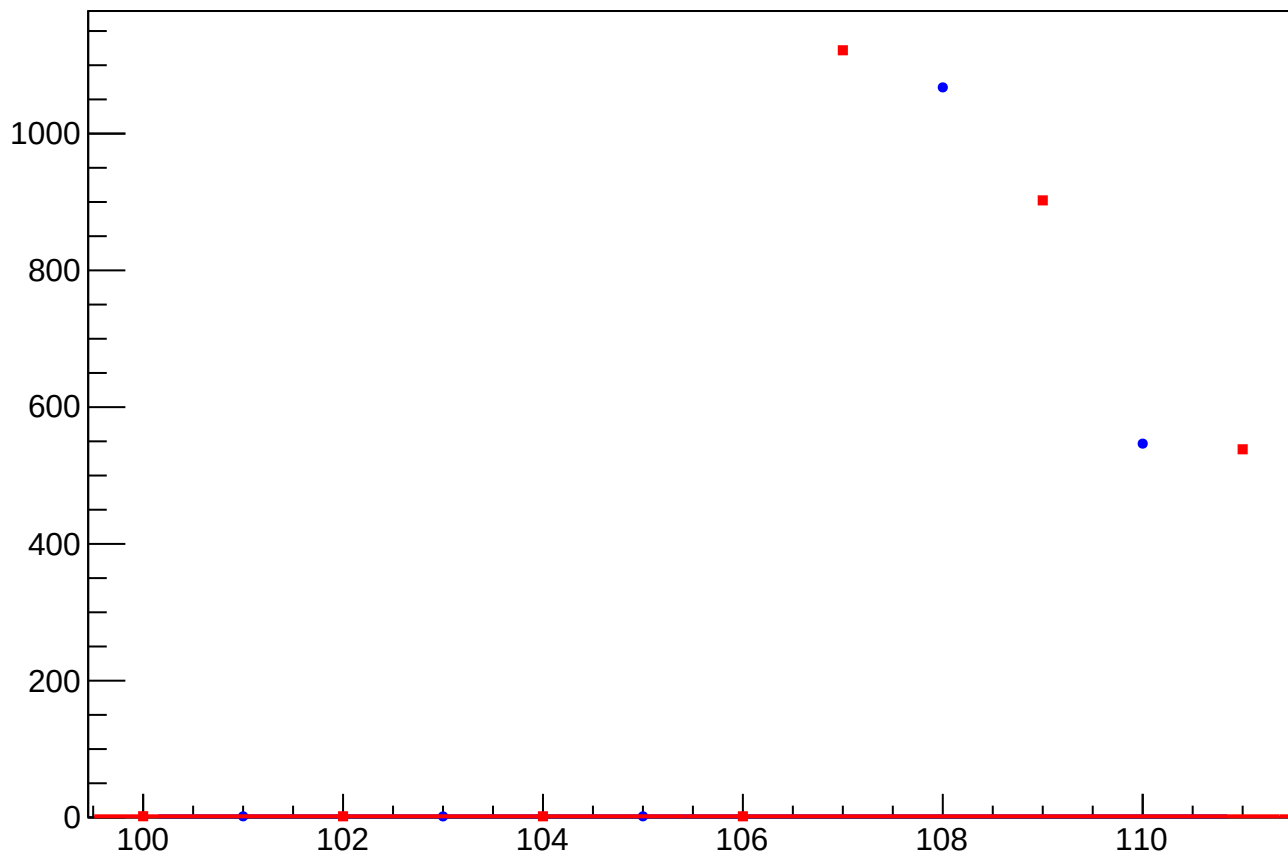
Right Out: 0.001+/-0.002 χ^2/NDF : 3.0/6

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 : 3.0/6

diff_cav4dY_rms vs slug



Right In: 1.649+/-0.001 χ^2/NDF : 1445161.2/4

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

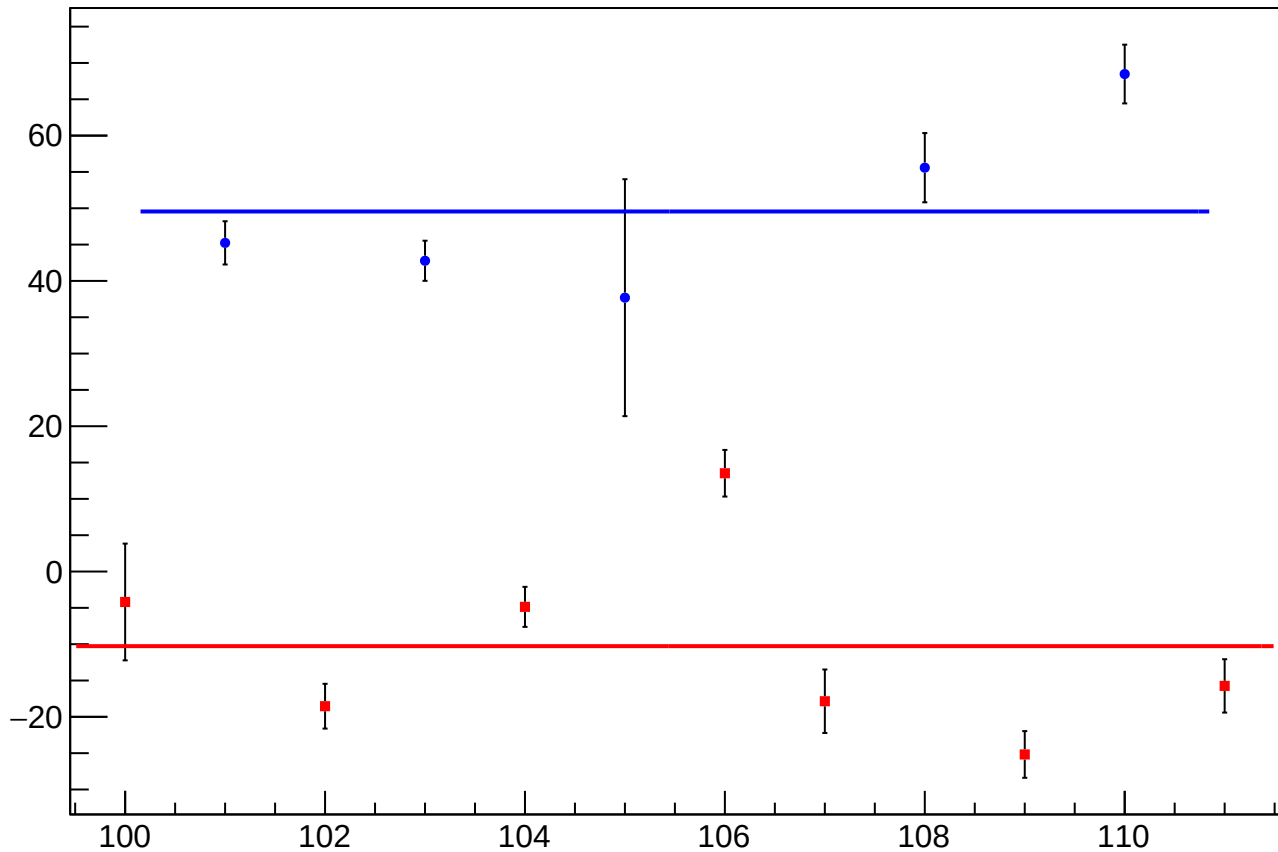
Right Out: 1.685+/-0.001 χ^2/NDF : 2009393.6/6

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

1.649+/-0.001 χ^2/NDF : 1445161.2/4

1.685+/-0.001 χ^2/NDF : 2009393.6/6

diff_bpm0i01X_mean vs slug



Right In: 49.557 $\pm$ 1.683 χ^2 /NDF: 32.2/4

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

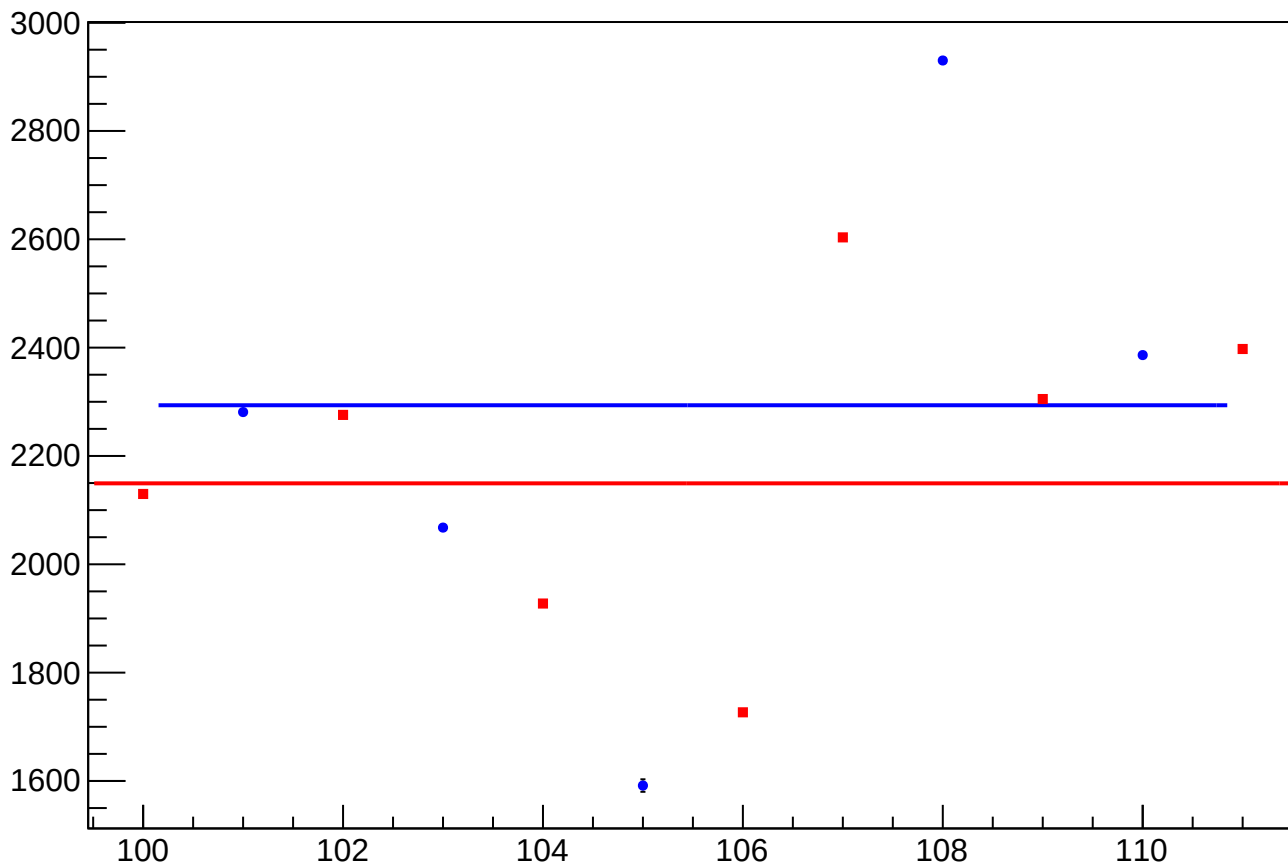
Right Out: -10.271 $\pm$ 1.321 χ^2 /NDF: 93.4/6

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

49.557 $\pm$ 1.683 χ^2 /NDF: 32.2/4

-10.271 $\pm$ 1.321 χ^2 /NDF: 93.4/6

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

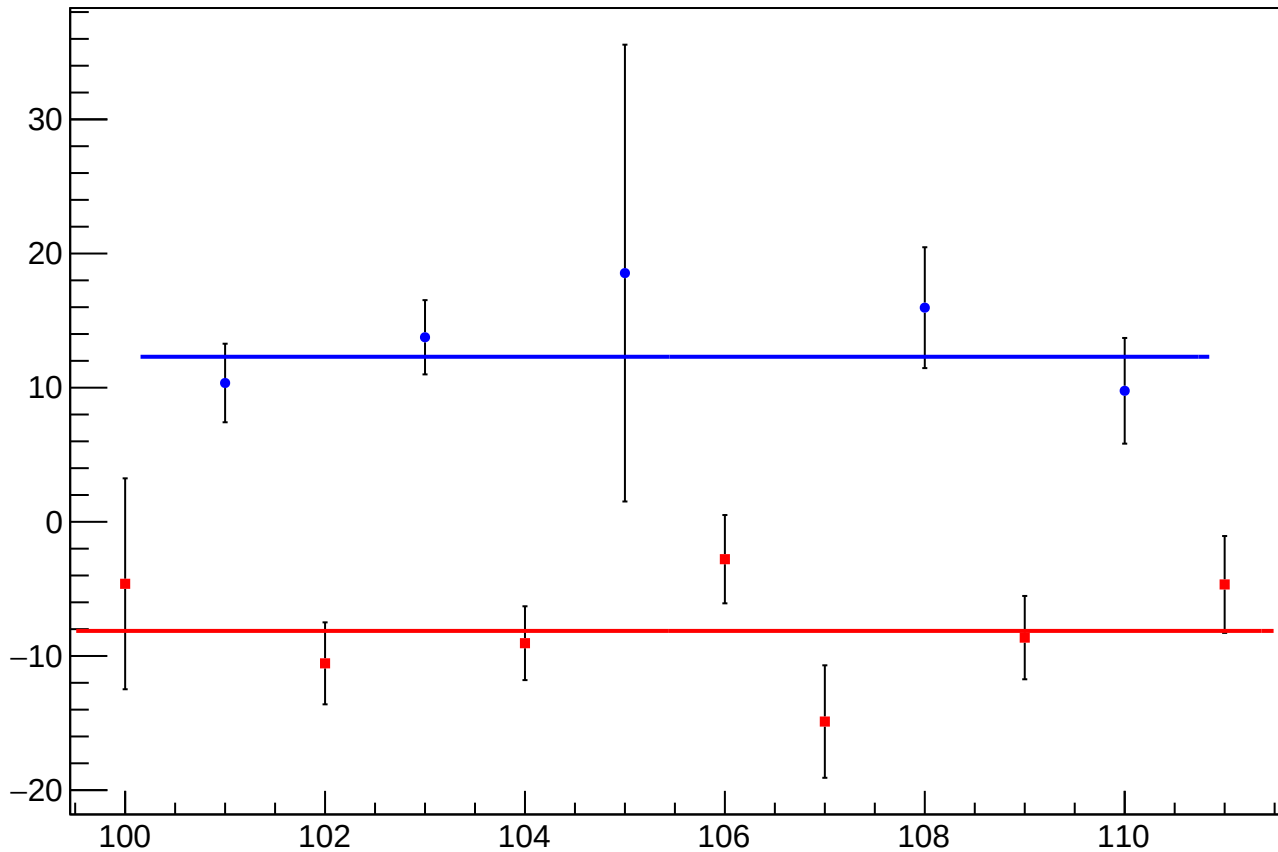
Right Out: 2149.444+/-0.934 χ^2/NDF : 86457.6/6

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

2293.611+/-1.190 χ^2/NDF : 53852.2/4

2149.444+/-0.934 χ^2/NDF : 86457.6/6

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

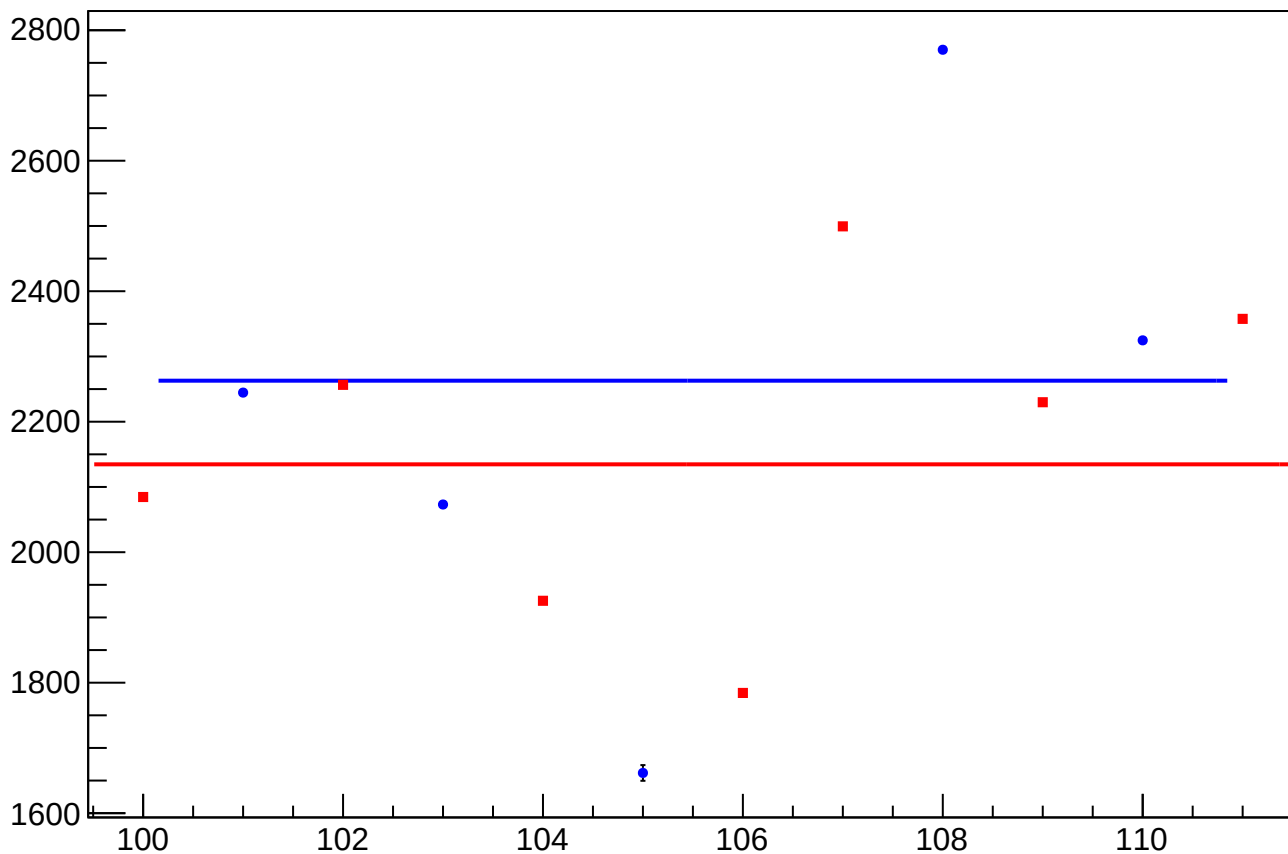
Right Out: -8.131+/-1.307 χ^2 /NDF: 7.1/6

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

12.305+/-1.657 χ^2 /NDF: 1.9/4

-8.131+/-1.307 χ^2 /NDF: 7.1/6

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

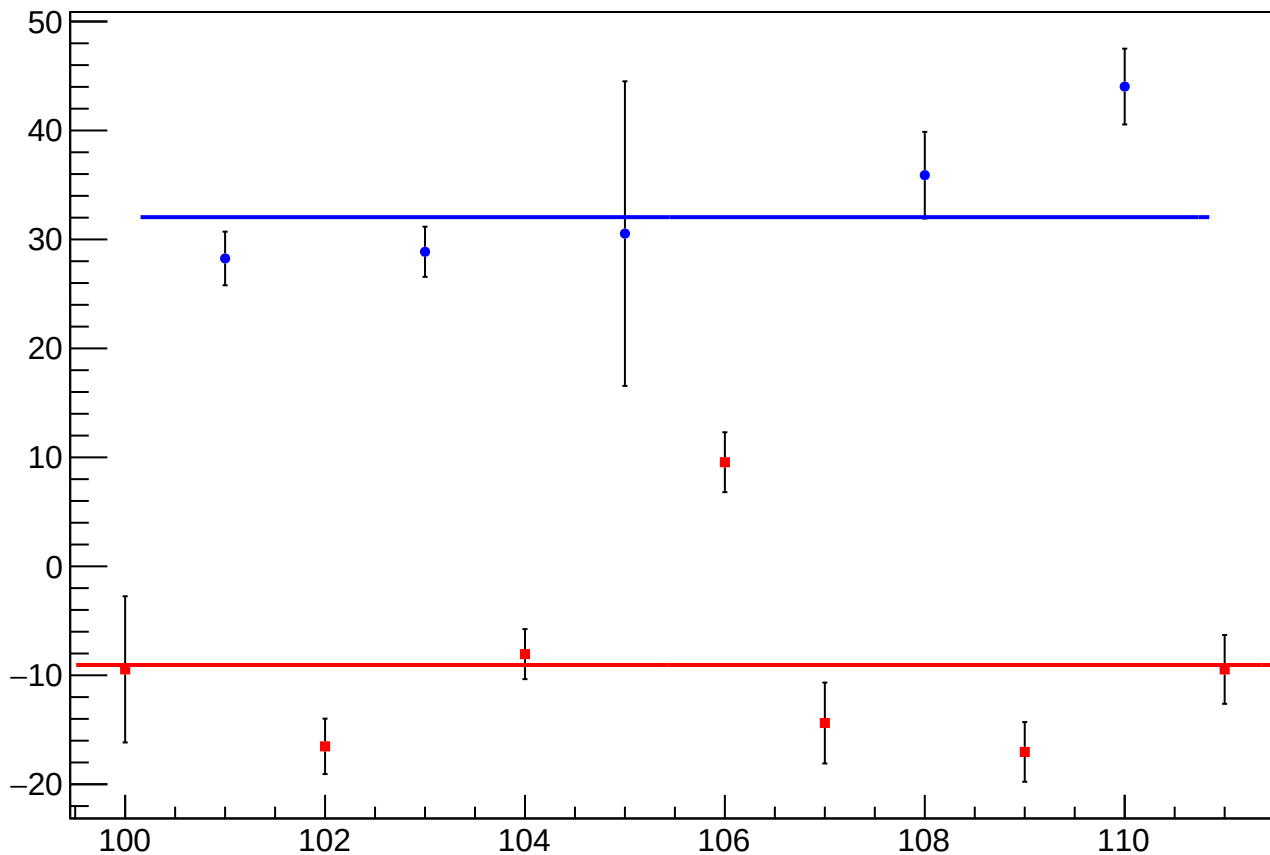
Right Out: 2134.675+/-0.924 χ^2 /NDF: 62126.0/6

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

2262.874+/-1.171 χ^2 /NDF: 37823.5/4

2134.675+/-0.924 χ^2 /NDF: 62126.0/6

diff_bpm0i01aX_mean vs slug



Right In: 32.046 $\pm$ 1.407 χ^2 /NDF: 17.1/4

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

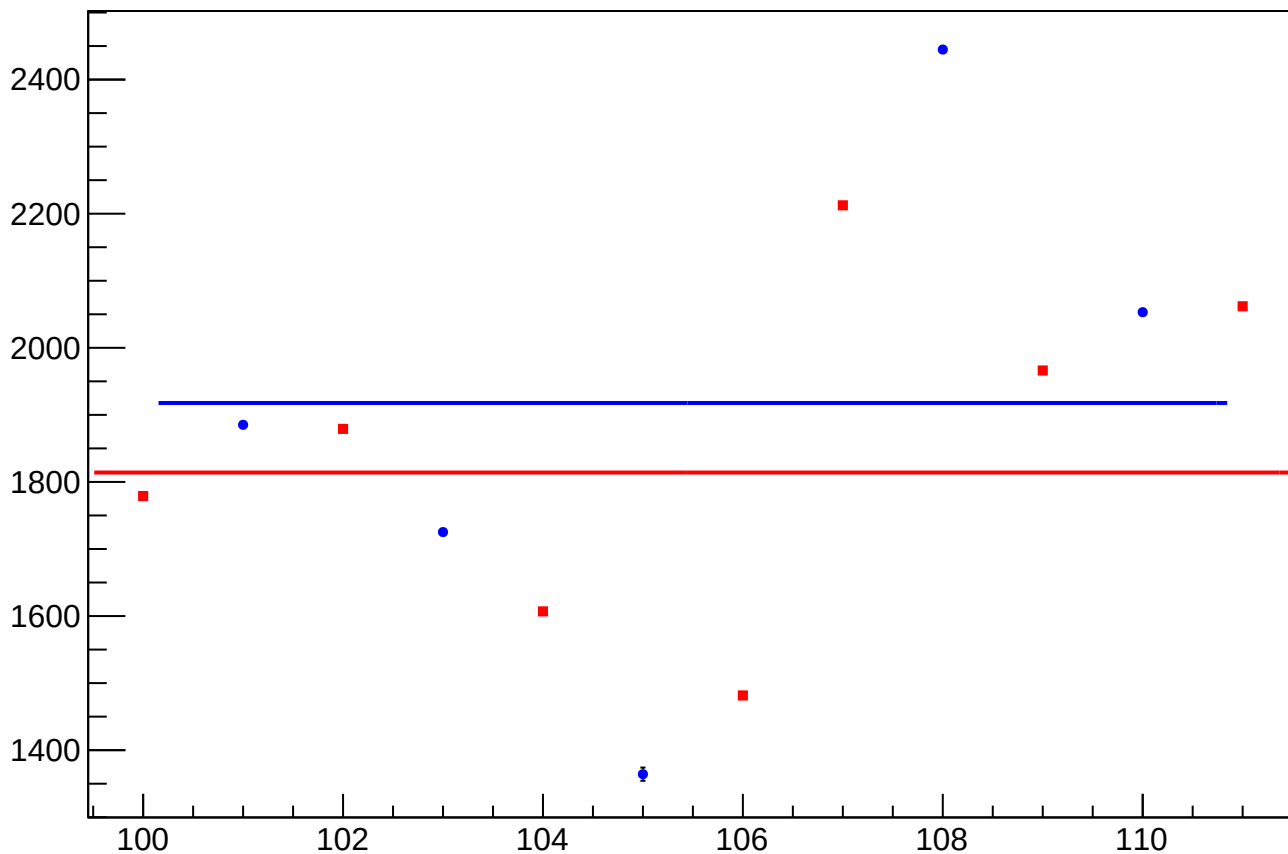
Right Out: -9.053 $\pm$ 1.115 χ^2 /NDF: 65.2/6

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

32.046 $\pm$ 1.407 χ^2 /NDF: 17.1/4

-9.053 $\pm$ 1.115 χ^2 /NDF: 65.2/6

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

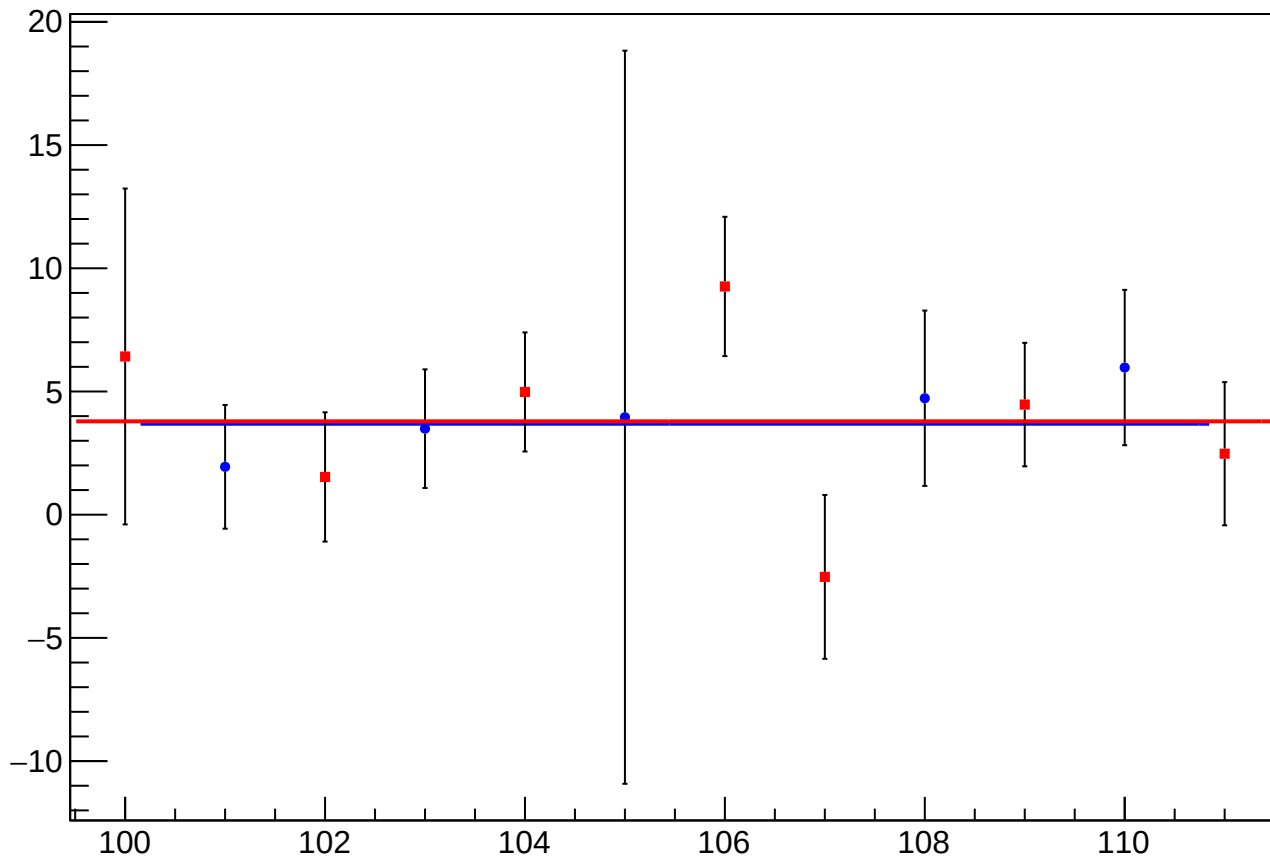
Right Out: 1814.045+/-0.788 χ^2/NDF : 88434.5/6

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

1917.730+/-0.995 χ^2/NDF : 55639.4/4

1814.045+/-0.788 χ^2/NDF : 88434.5/6

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

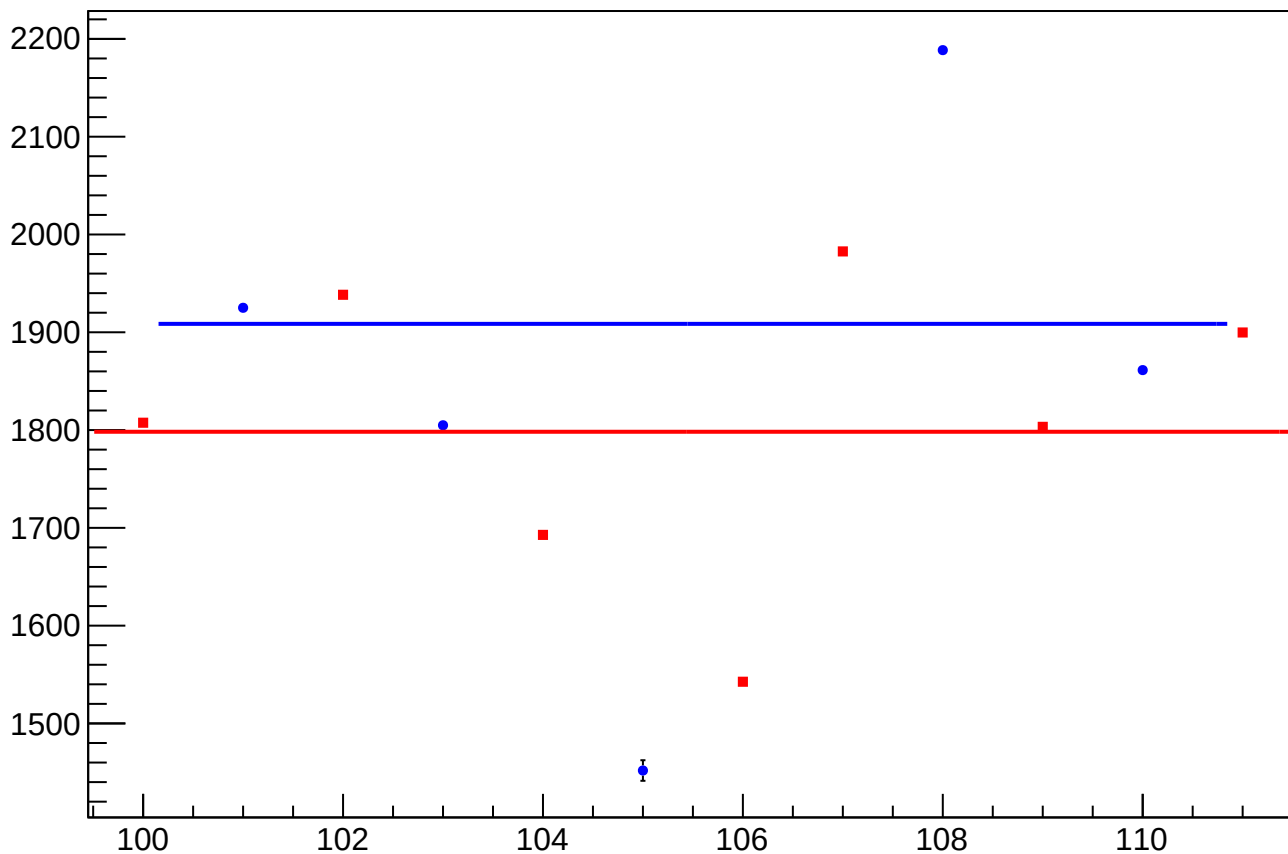
Right Out: 3.788+/-1.097 χ^2/NDF : 8.8/6

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

3.692+/-1.393 χ^2/NDF : 1.1/4

3.788+/-1.097 χ^2/NDF : 8.8/6

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

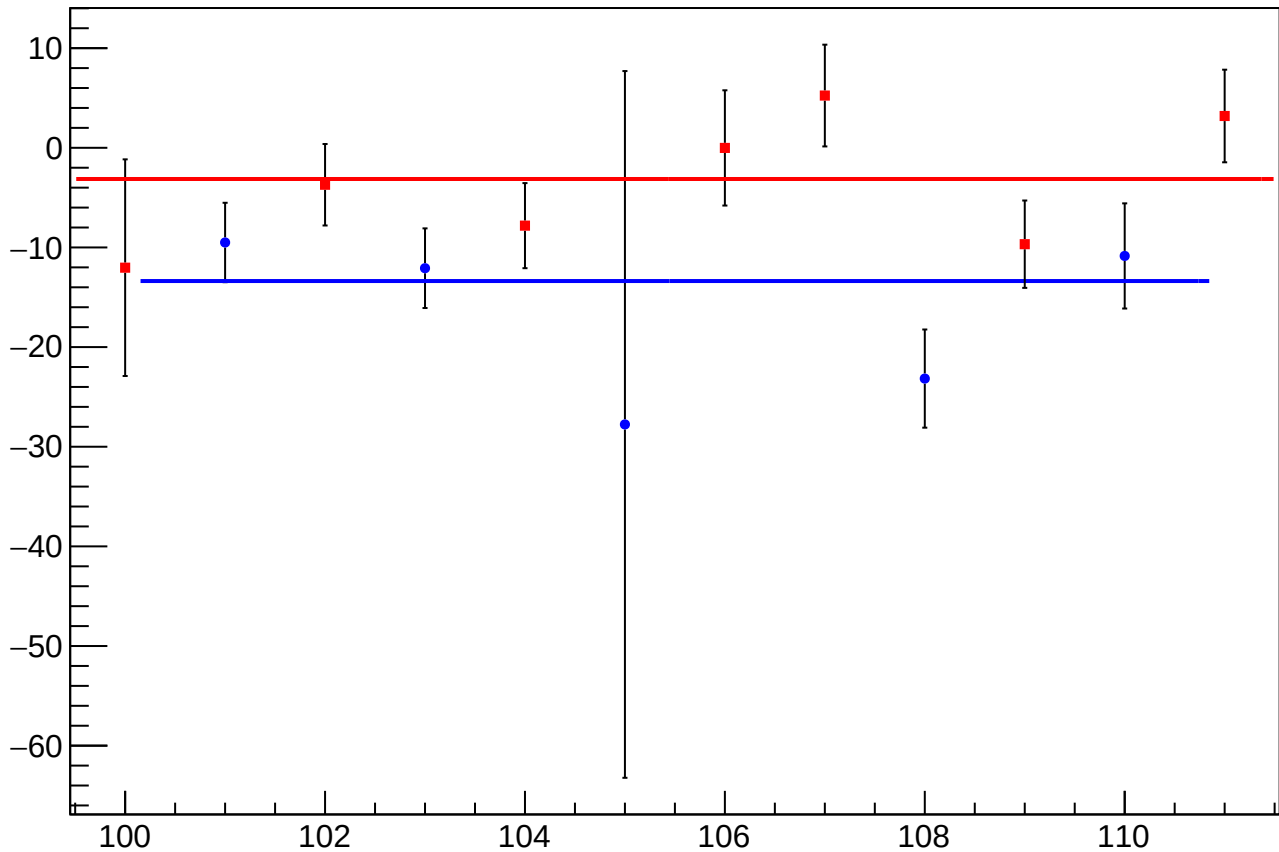
Right Out: 1798.270 $\pm$ 0.776 χ^2 /NDF: 34477.8/6

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

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

1798.270 $\pm$ 0.776 χ^2 /NDF: 34477.8/6

diff_bpm0l01X_mean vs slug



Right In: -13.371 $\pm$ 2.217 χ^2 /NDF: 5.4/4

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

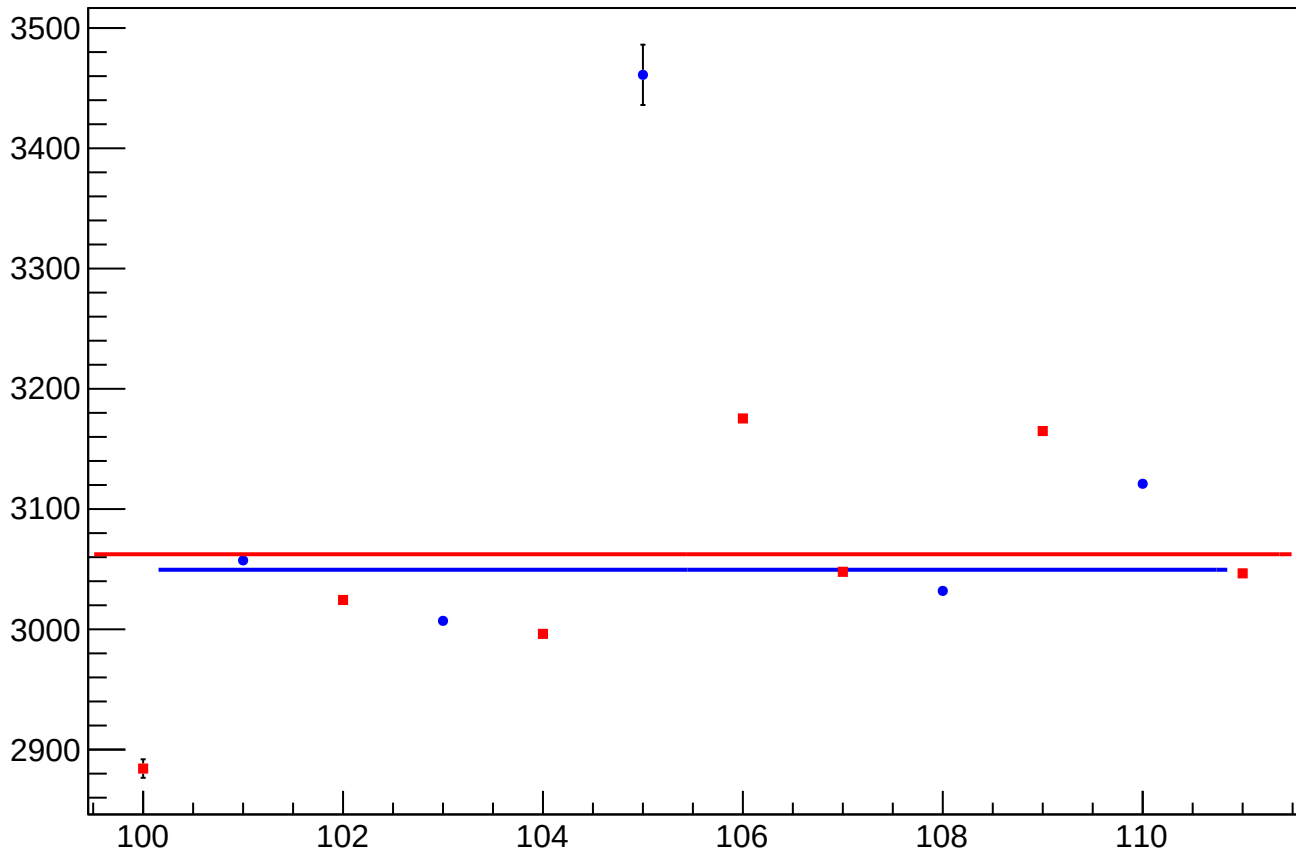
Right Out: -3.131 $\pm$ 1.858 χ^2 /NDF: 9.0/6

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

-13.371 $\pm$ 2.217 χ^2 /NDF: 5.4/4

-3.131 $\pm$ 1.858 χ^2 /NDF: 9.0/6

diff_bpm0l01X_rms vs slug



Right In: 3049.537 $\pm$ 1.567 χ^2 /NDF: 895.6/4

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

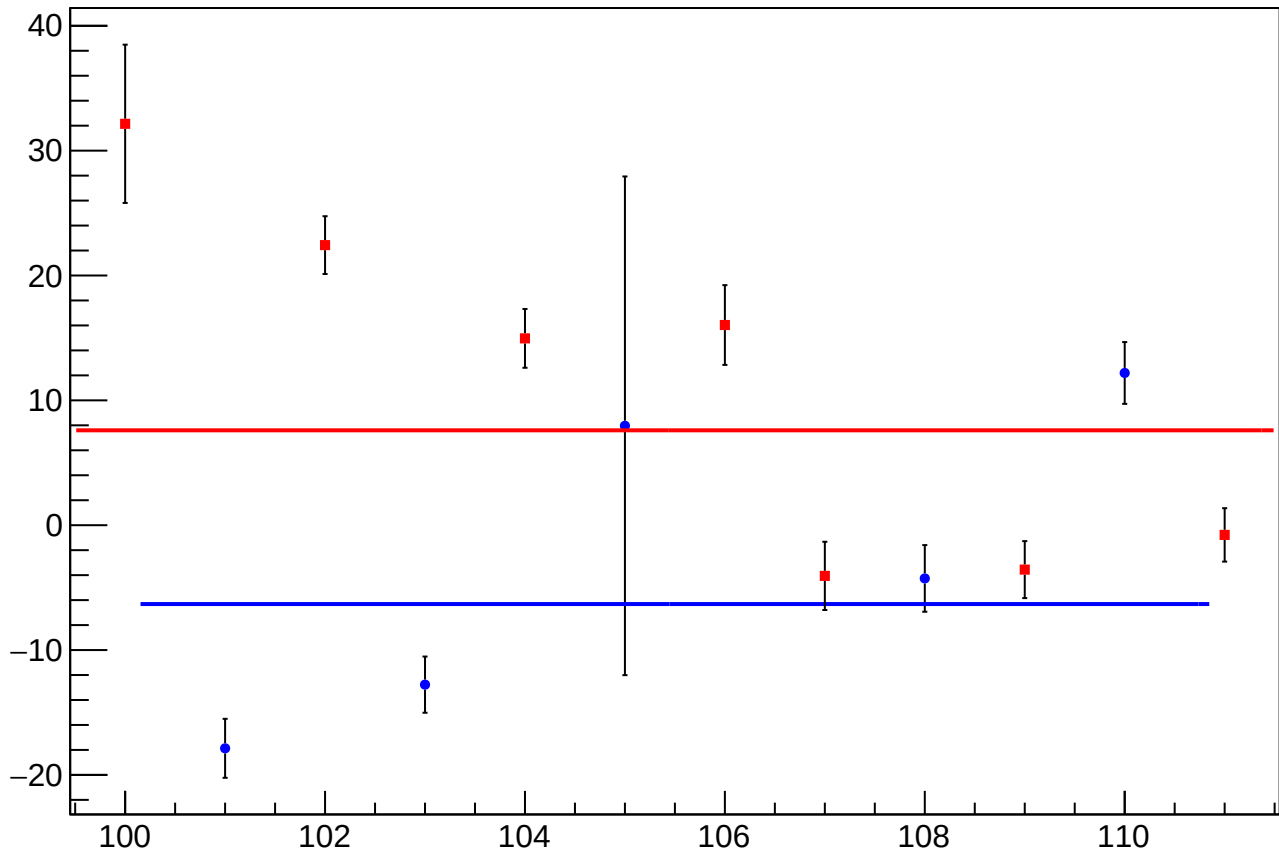
3049.537 $\pm$ 1.567 χ^2 /NDF: 895.6/4

Right Out: 3062.422 $\pm$ 1.314 χ^2 /NDF: 3086.5/6

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

3062.422 $\pm$ 1.314 χ^2 /NDF: 3086.5/6

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

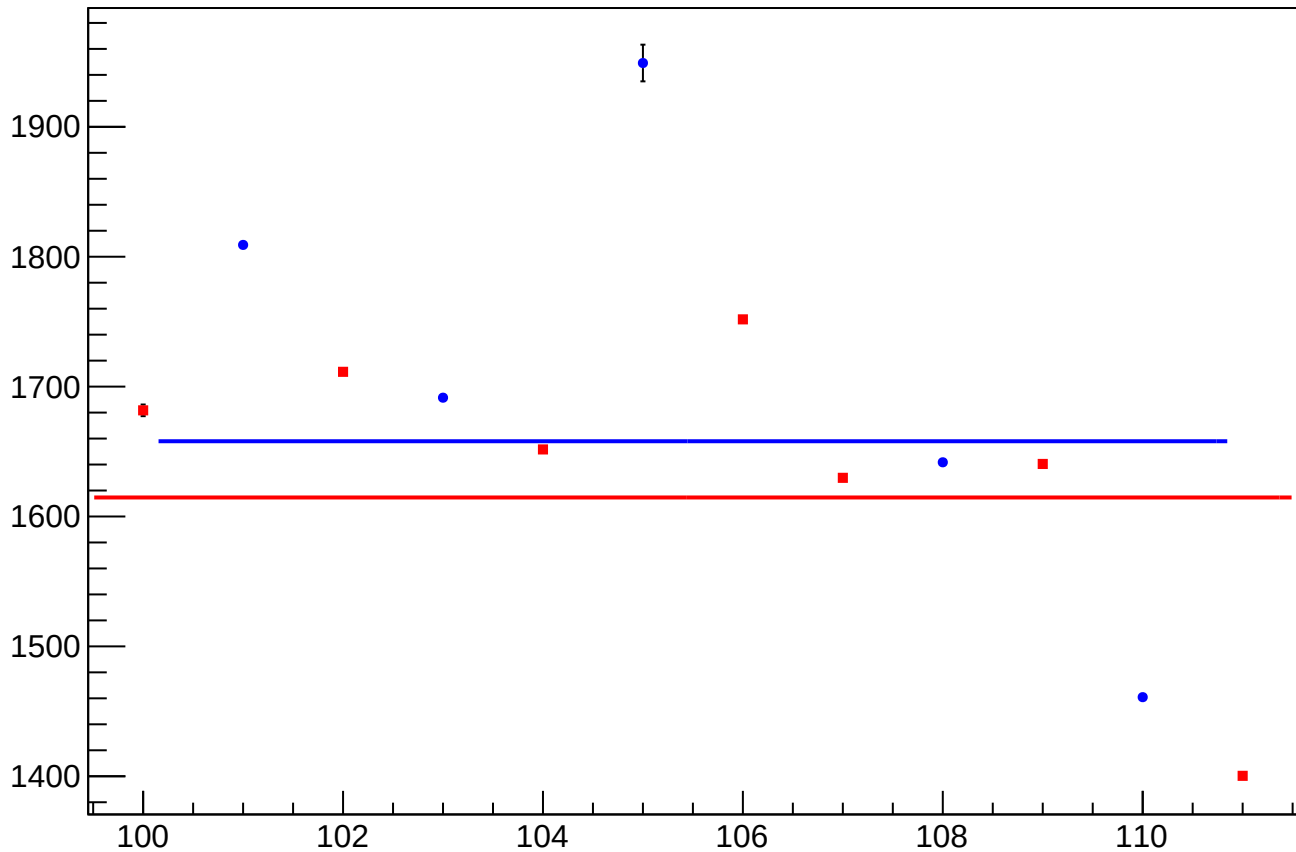
Right Out: 7.600+/-0.983 χ^2/NDF : 130.3/6

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

-6.316+/-1.210 χ^2/NDF : 89.2/4

7.600+/-0.983 χ^2/NDF : 130.3/6

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

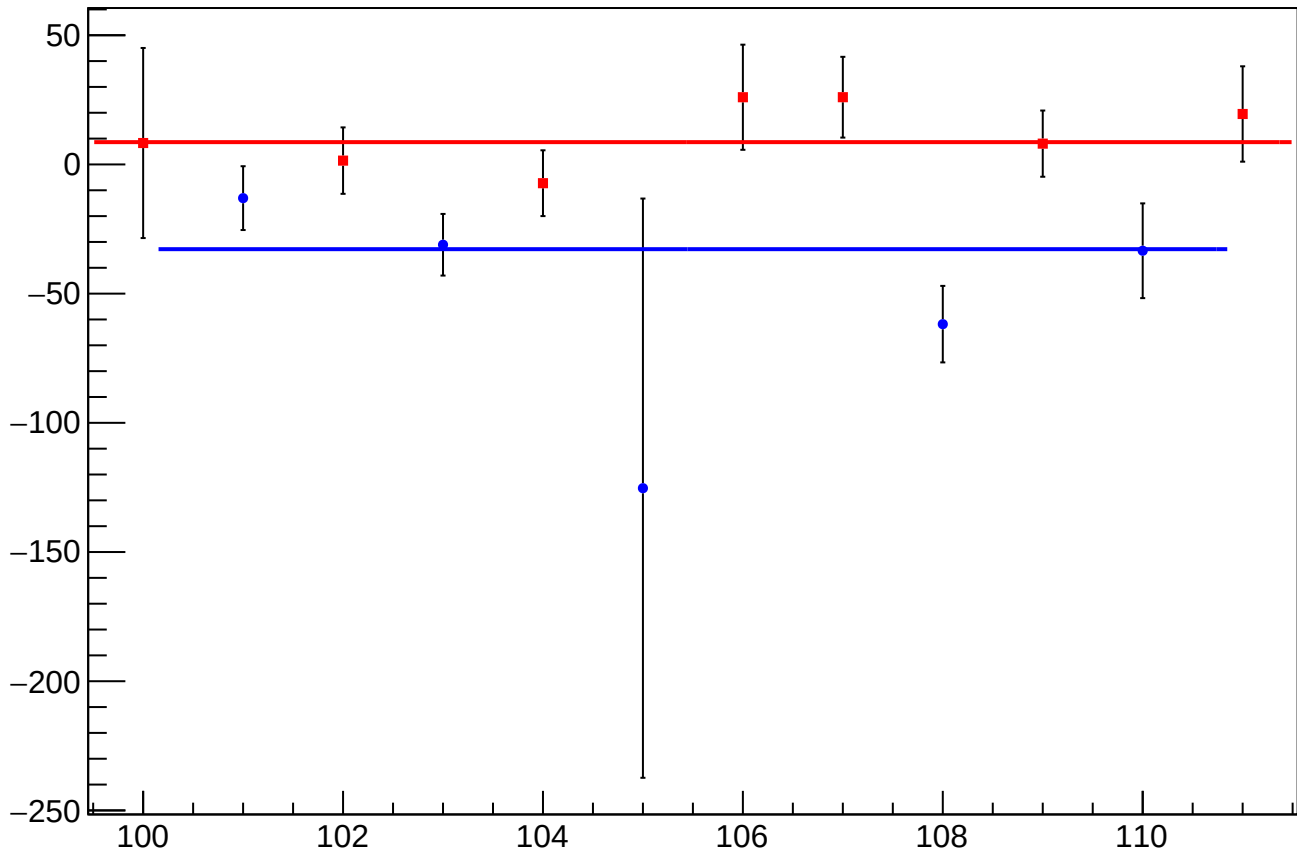
1657.941 $\pm$ 0.856 χ^2 /NDF: 21816.6/4

Right Out: 1614.641 $\pm$ 0.695 χ^2 /NDF: 28288.0/6

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

1614.641 $\pm$ 0.695 χ^2 /NDF: 28288.0/6

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

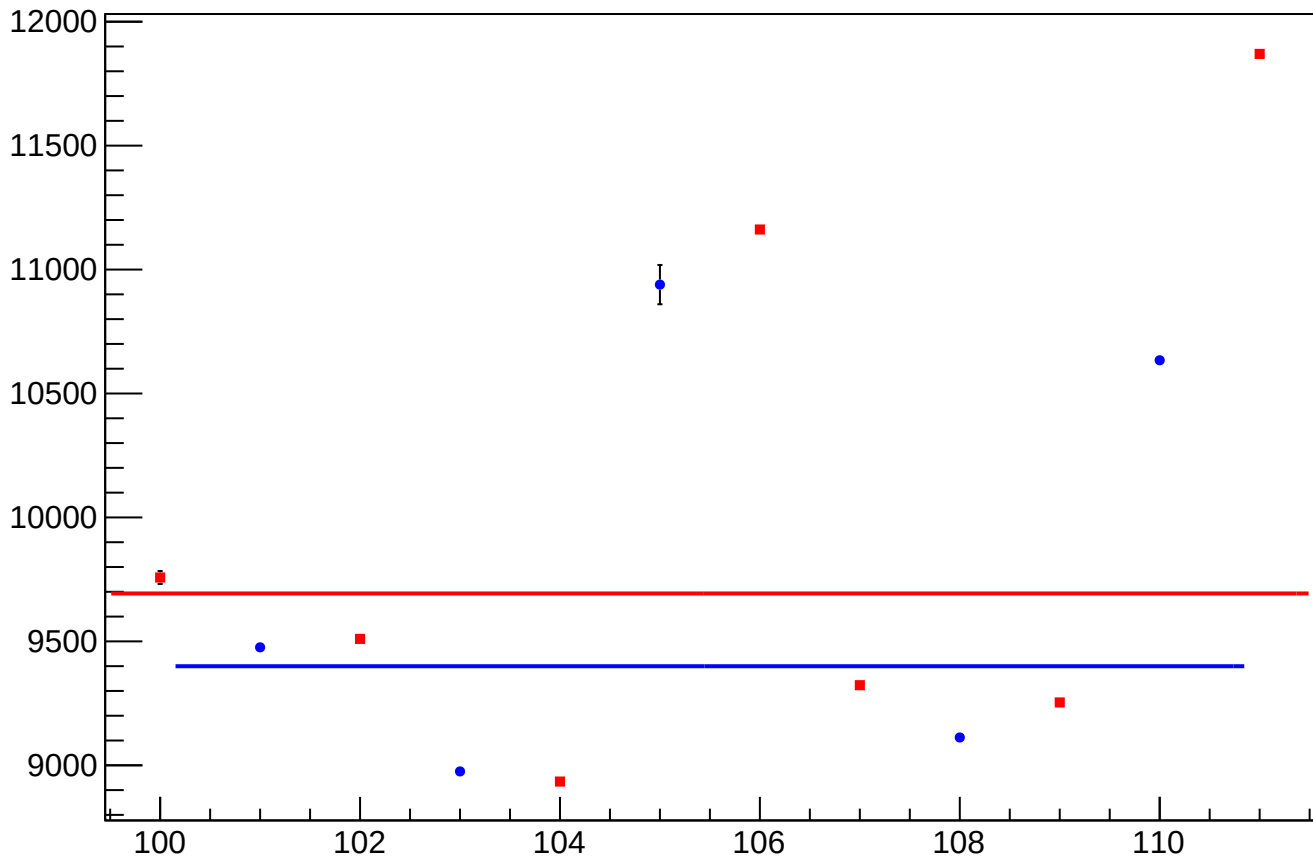
Right Out: 8.631 $\pm$ 5.924 χ^2 /NDF: 4.2/6

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

-32.792 $\pm$ 6.868 χ^2 /NDF: 7.1/4

8.631 $\pm$ 5.924 χ^2 /NDF: 4.2/6

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

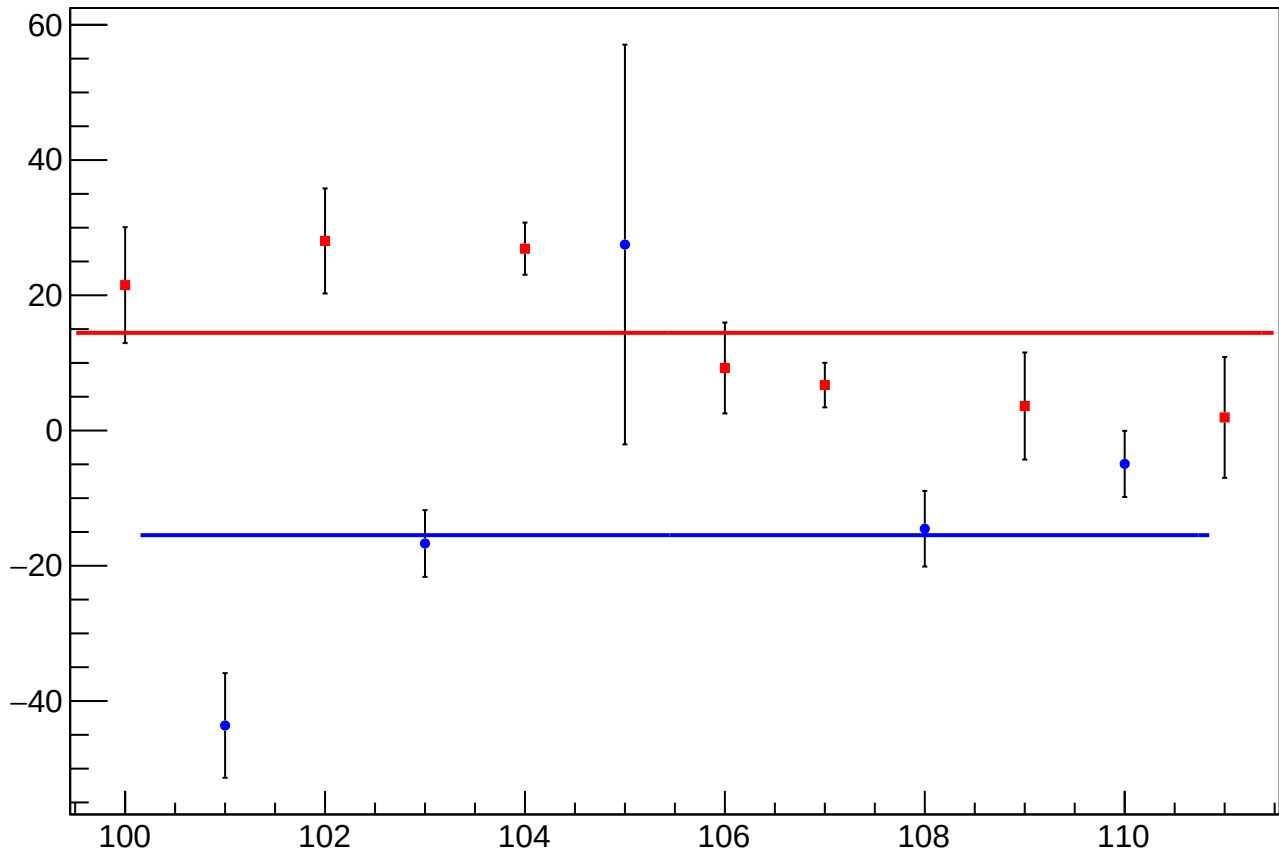
9399.721+/-4.856 χ^2/NDF : 12806.1/4

Right Out: 9693.318+/-4.189 χ^2/NDF : 49241.1/6

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

9693.318+/-4.189 χ^2/NDF : 49241.1/6

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

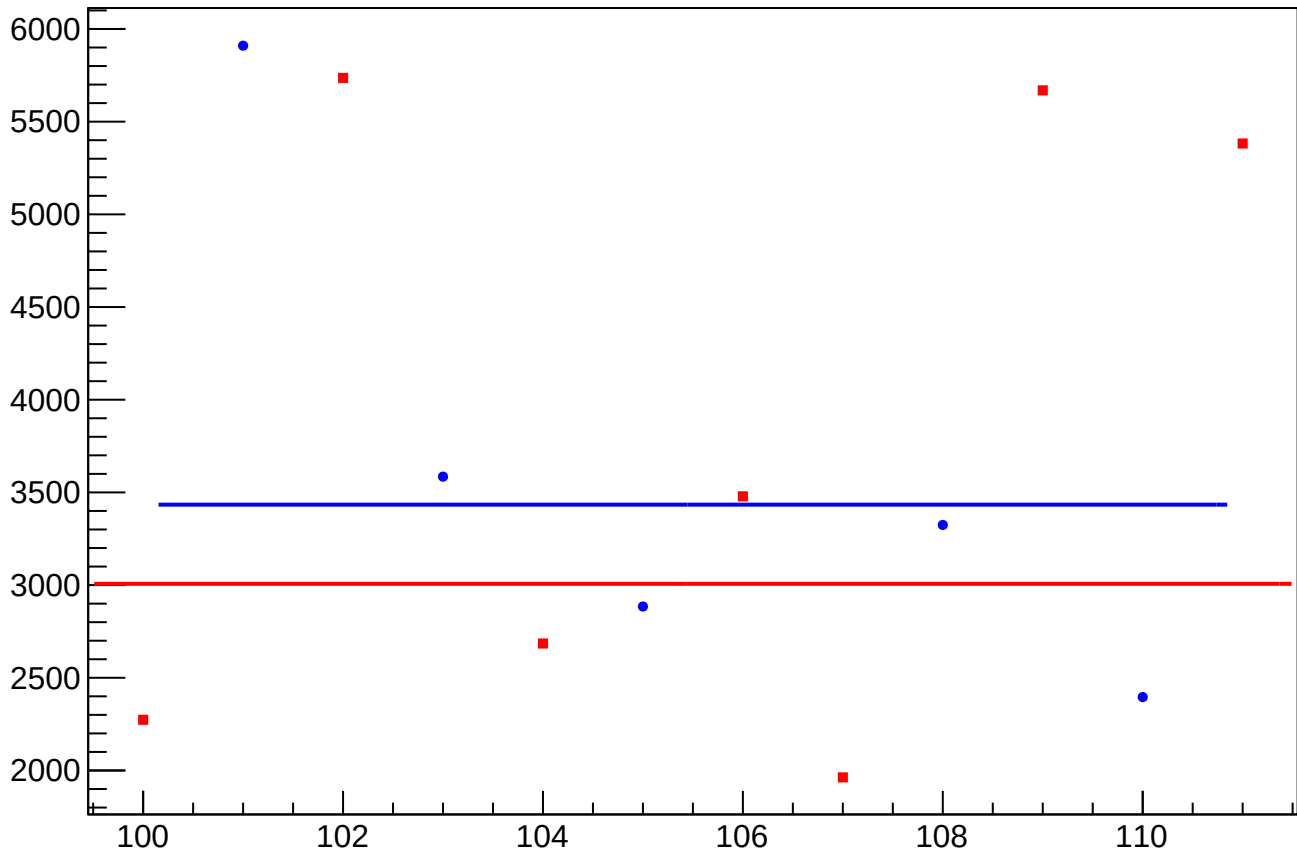
Right Out: 14.446 $\pm$ 2.041 χ^2 /NDF: 24.1/6

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

-15.472 $\pm$ 2.746 χ^2 /NDF: 20.1/4

14.446 $\pm$ 2.041 χ^2 /NDF: 24.1/6

diff_bpm0l02Y_rms vs slug



Right In: 3433.992 $\pm$ 1.942 χ^2 /NDF: 298025.4/4

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

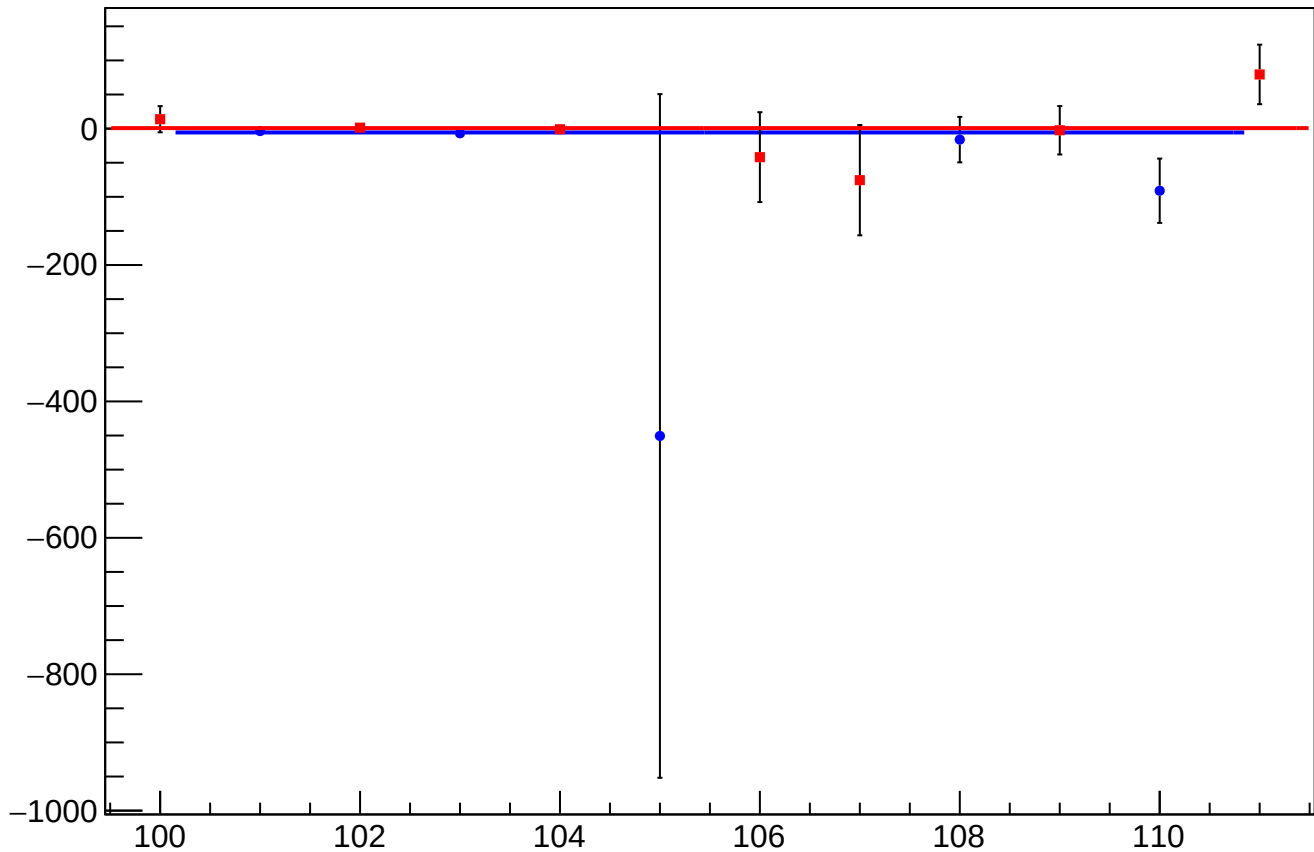
3433.992 $\pm$ 1.942 χ^2 /NDF: 298025.4/4

Right Out: 3006.843 $\pm$ 1.443 χ^2 /NDF: 853693.0/6

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

3006.843 $\pm$ 1.443 χ^2 /NDF: 853693.0/6

diff_bpm0l03X_mean vs slug



Right In: -5.627 $\pm$ 2.702 χ^2 /NDF: 4.6/4

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

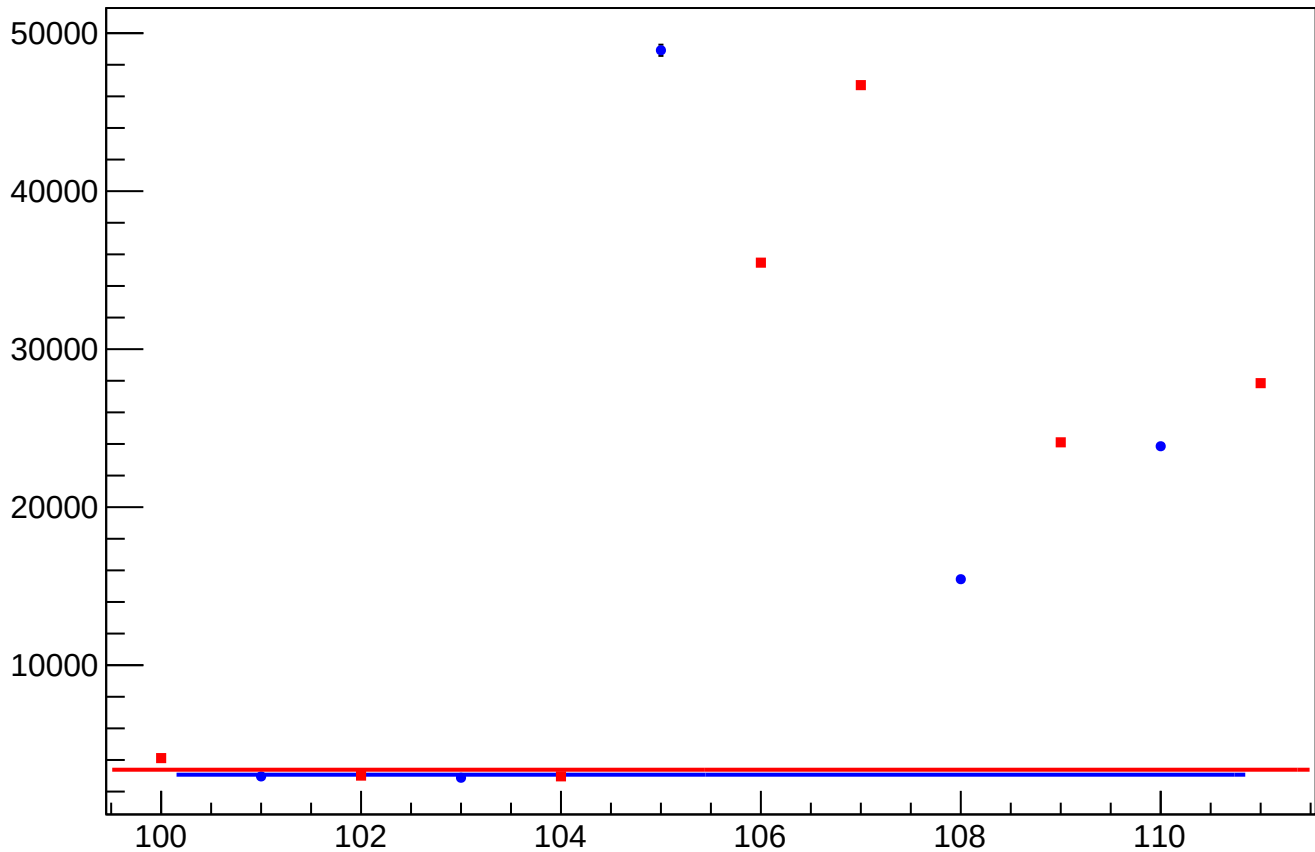
Right Out: 0.753 $\pm$ 2.897 χ^2 /NDF: 5.2/6

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

-5.627 $\pm$ 2.702 χ^2 /NDF: 4.6/4

0.753 $\pm$ 2.897 χ^2 /NDF: 5.2/6

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

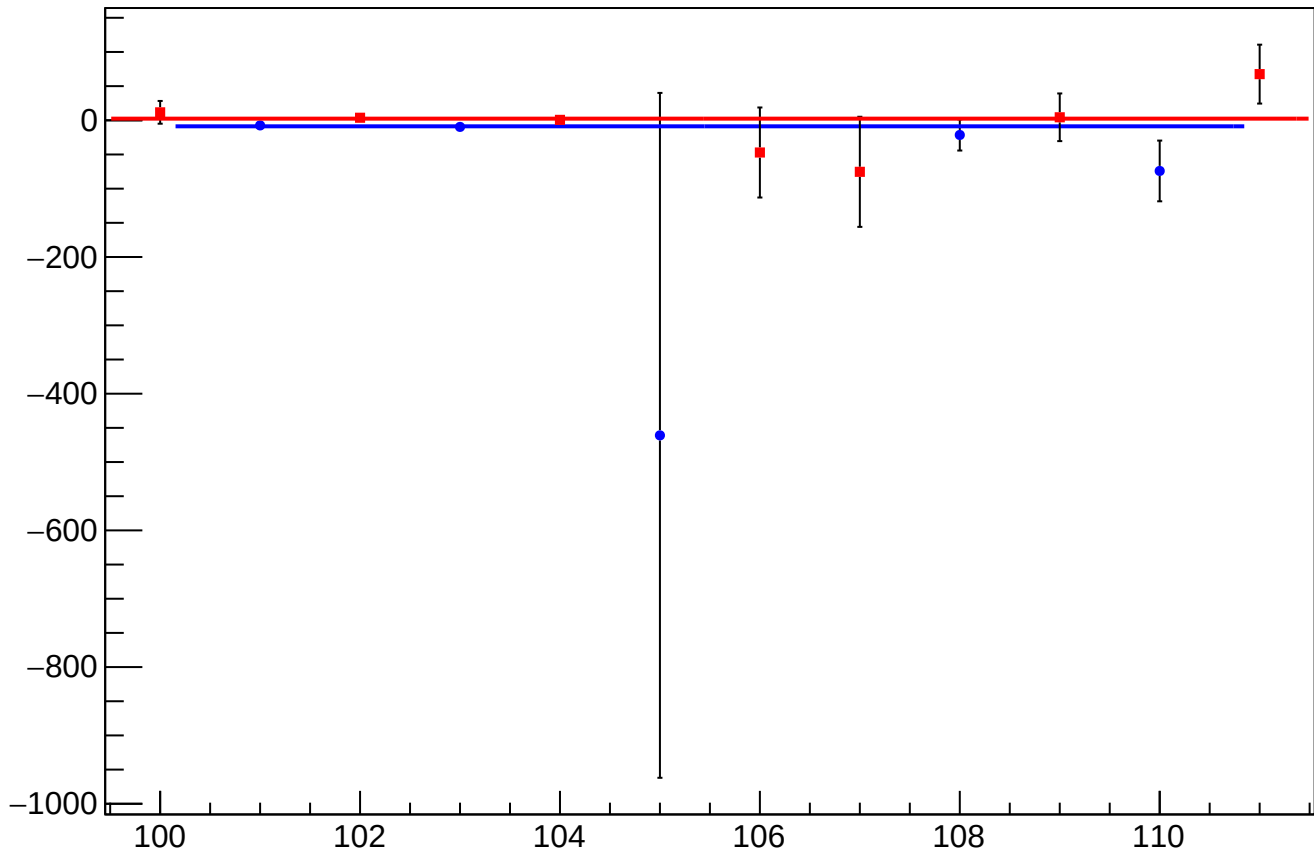
3068.127+/-1.910 χ^2/NDF : 687682.6/4

Right Out: 3383.065+/-2.049 χ^2/NDF : 2396795.7/6

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

3383.065+/-2.049 χ^2/NDF : 2396795.7/6

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

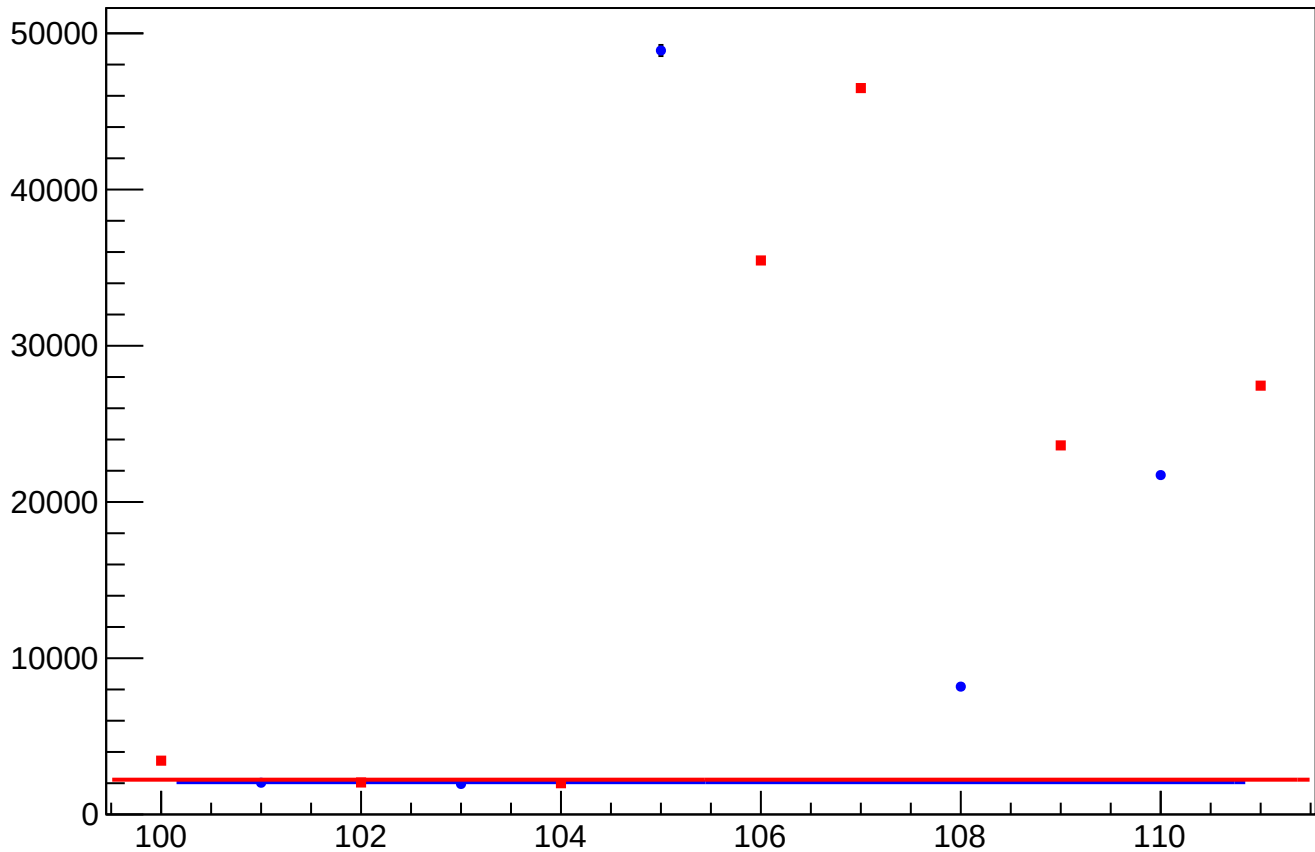
Right Out: 2.437+/-1.992 χ^2 /NDF: 4.7/6

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

-8.784+/-1.849 χ^2 /NDF: 3.6/4

2.437+/-1.992 χ^2 /NDF: 4.7/6

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

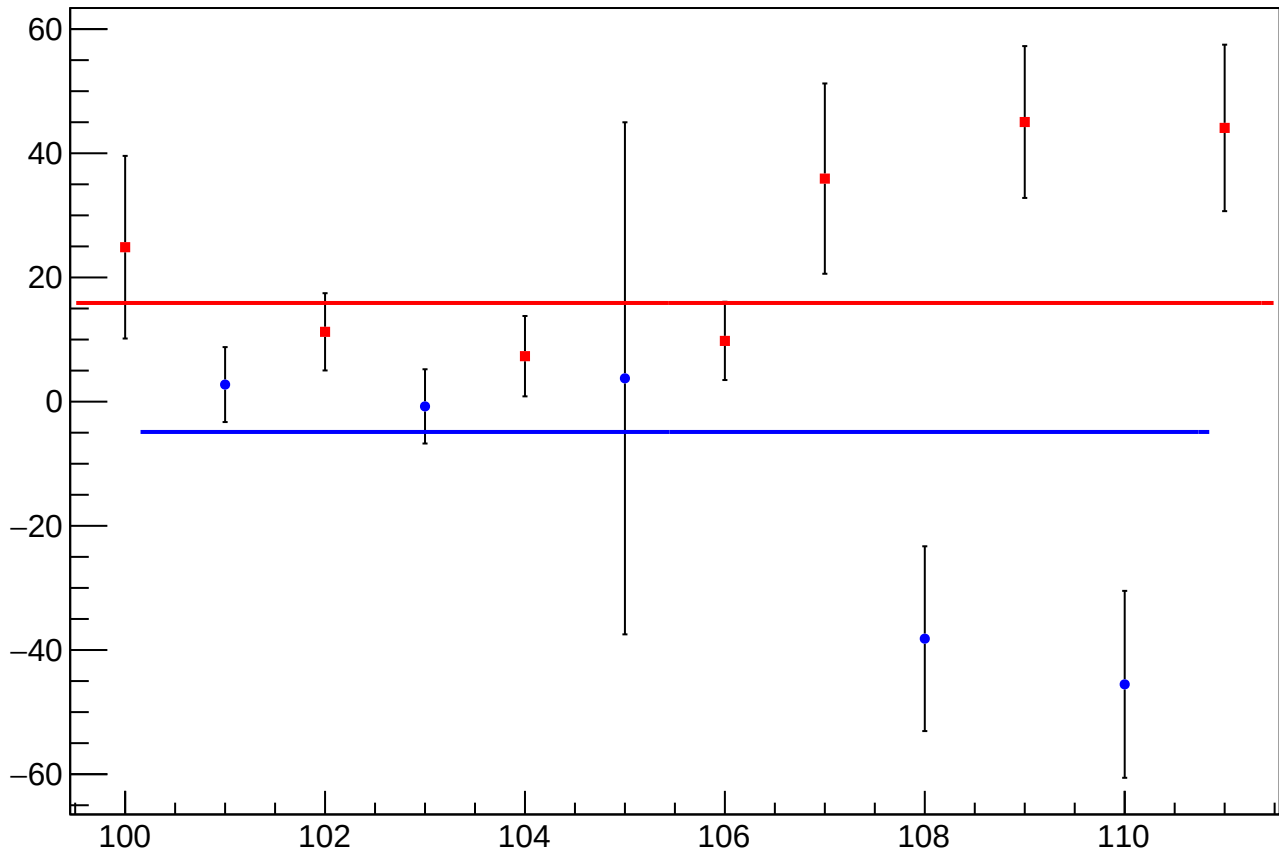
2065.990+/-1.307 χ^2/NDF : 557610.4/4

Right Out: 2225.928+/-1.408 χ^2/NDF : 2582905.2/6

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

2225.928+/-1.408 χ^2/NDF : 2582905.2/6

diff_bpm0l04X_mean vs slug



Right In: -4.882+/-3.924 χ^2 /NDF: 14.4/4

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

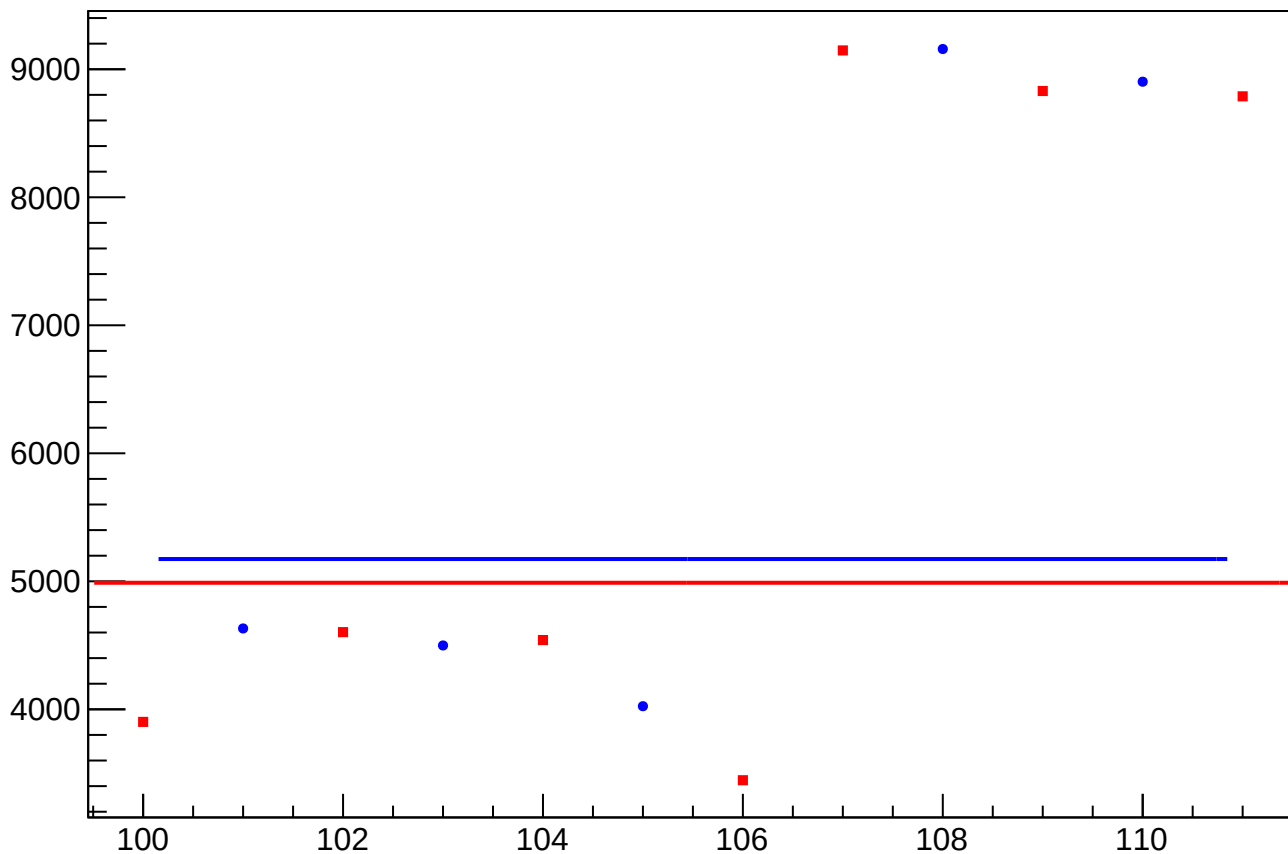
Right Out: 15.892+/-3.227 χ^2 /NDF: 15.4/6

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

-4.882+/-3.924 χ^2 /NDF: 14.4/4

15.892+/-3.227 χ^2 /NDF: 15.4/6

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

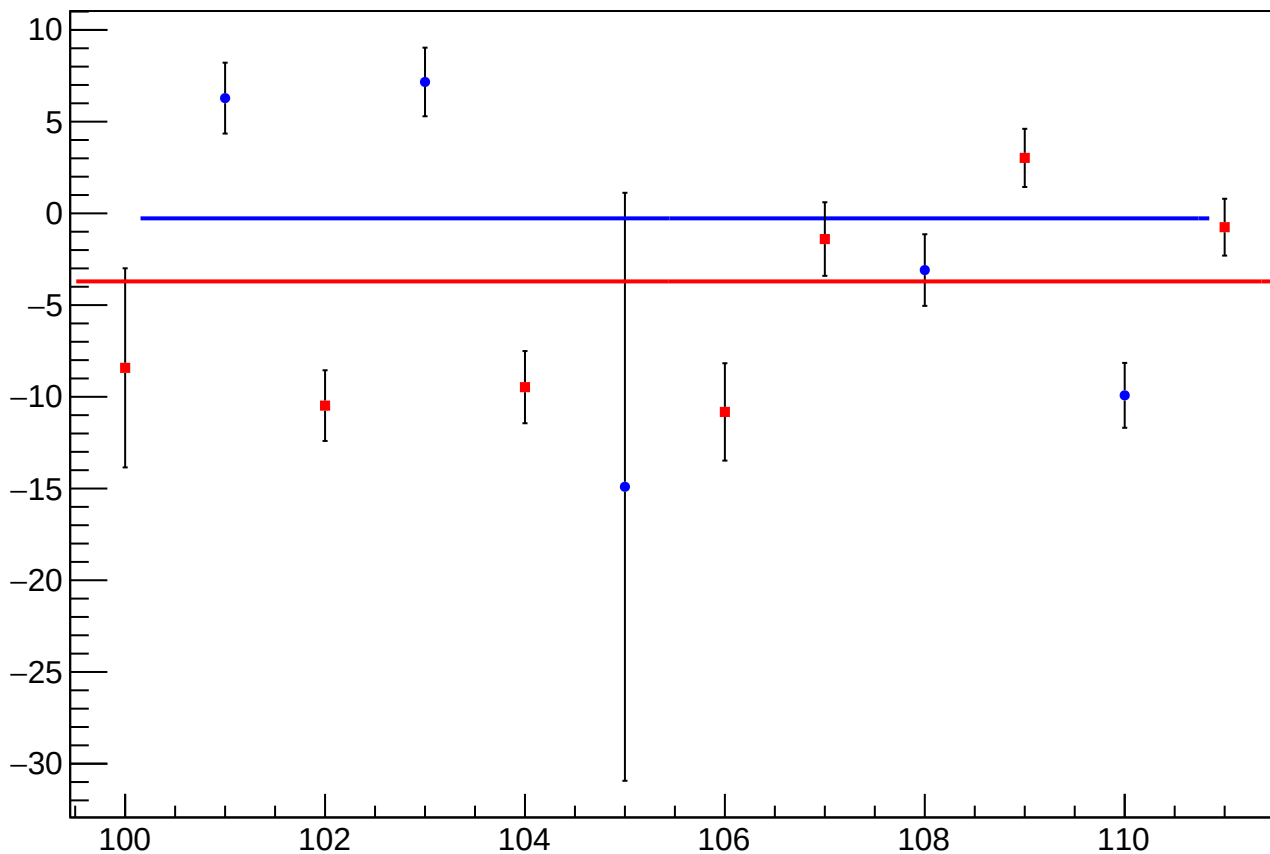
Right Out: 4988.731+/-2.282 χ^2/NDF : 653472.3/6

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

5174.055+/-2.775 χ^2/NDF : 309312.6/4

4988.731+/-2.282 χ^2/NDF : 653472.3/6

diff_bpm0l04Y_mean vs slug



Right In: -0.272+/-0.937 χ^2 /NDF: 60.0/4

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

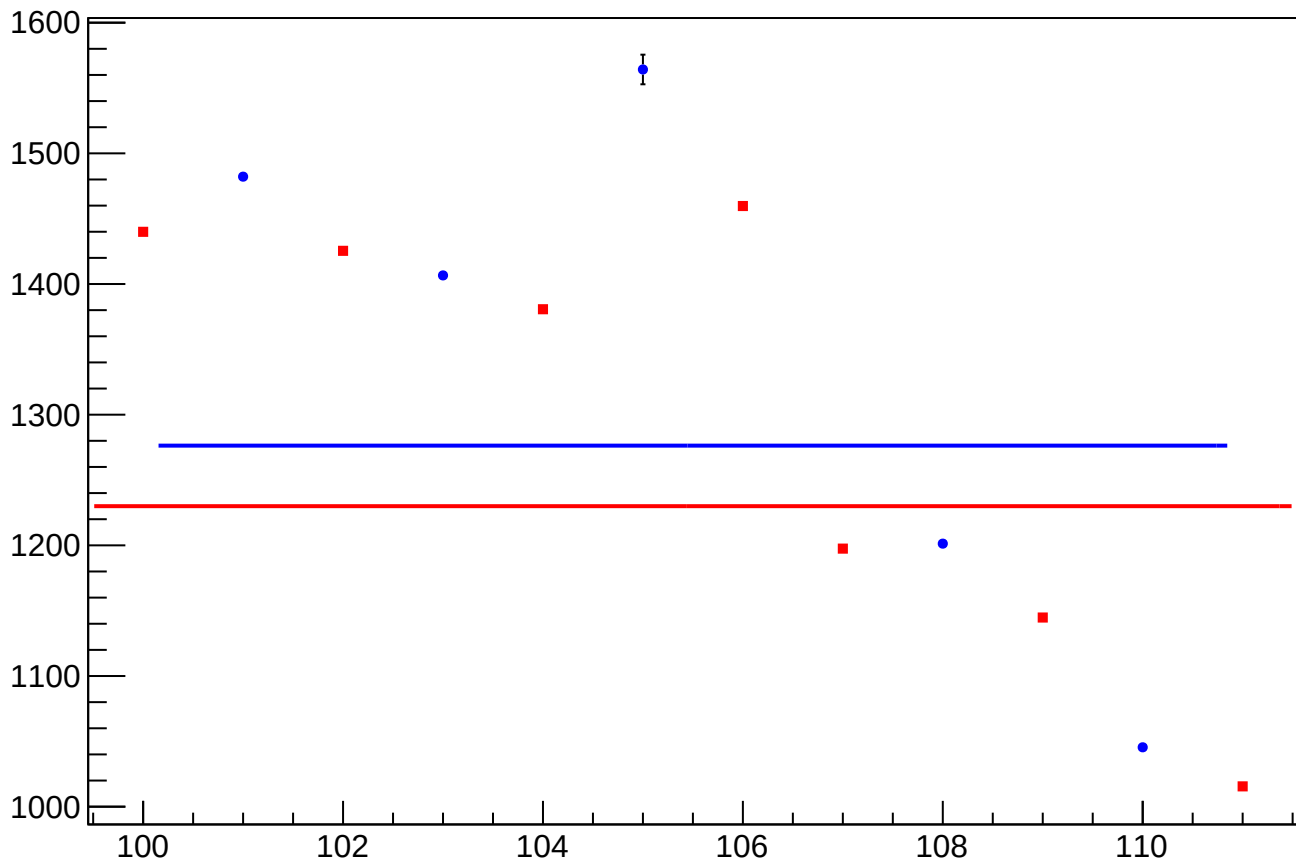
Right Out: -3.709+/-0.752 χ^2 /NDF: 51.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.272+/-0.937 χ^2 /NDF: 60.0/4

-3.709+/-0.752 χ^2 /NDF: 51.9/6

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

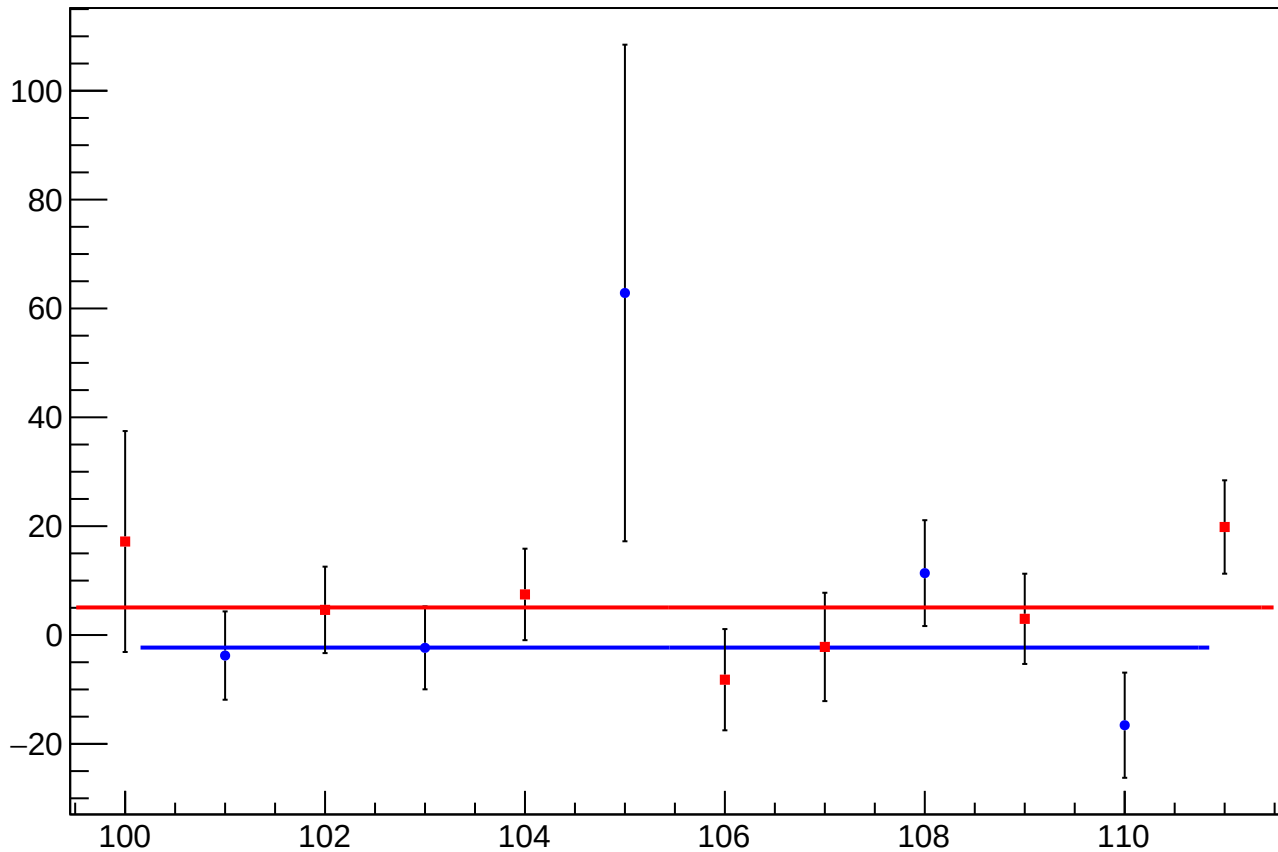
Right Out: 1229.982 $\pm$ 0.532 χ^2 /NDF: 94899.3/6

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

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

1229.982 $\pm$ 0.532 χ^2 /NDF: 94899.3/6

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

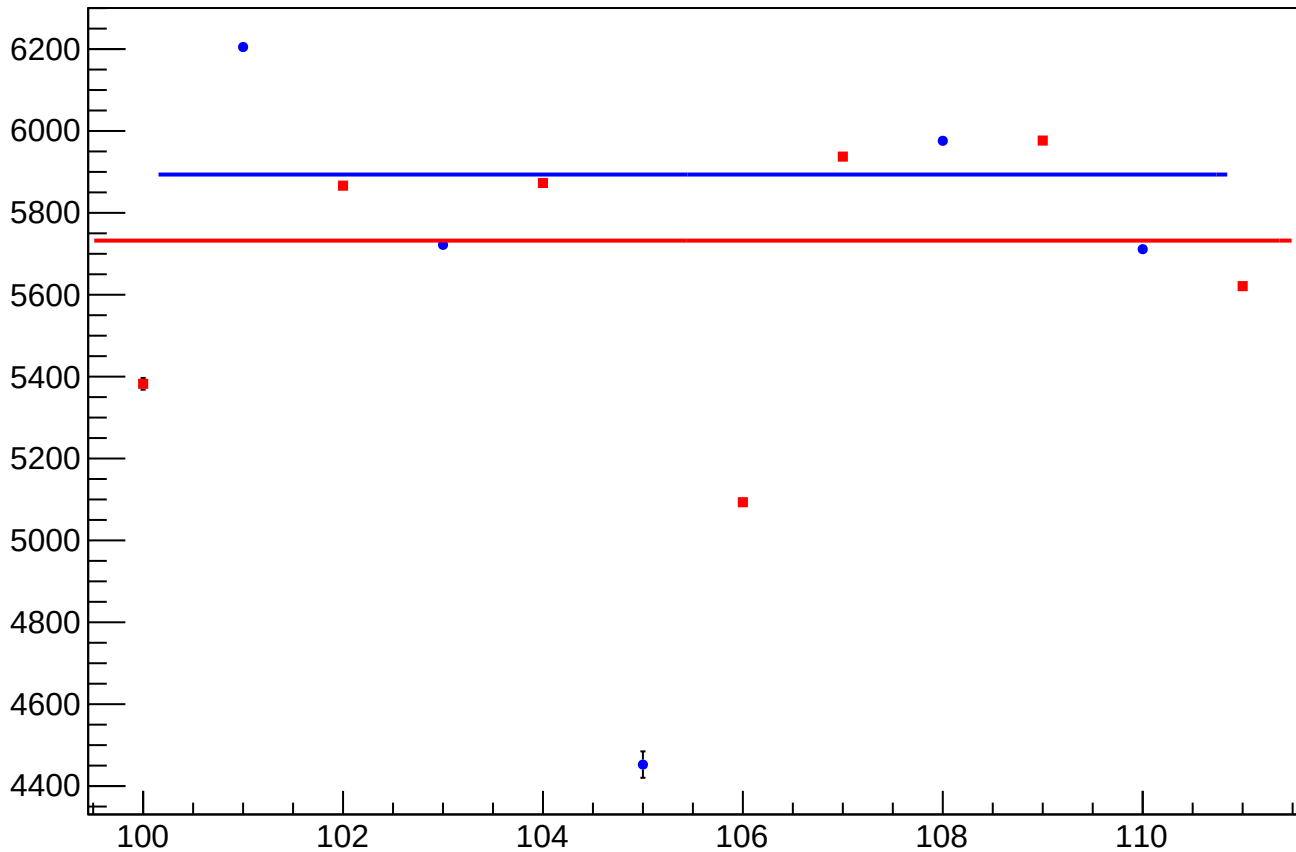
Right Out: 5.067+/-3.487 χ^2/NDF : 6.0/6

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

-2.305+/-4.296 χ^2/NDF : 6.2/4

5.067+/-3.487 χ^2/NDF : 6.0/6

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

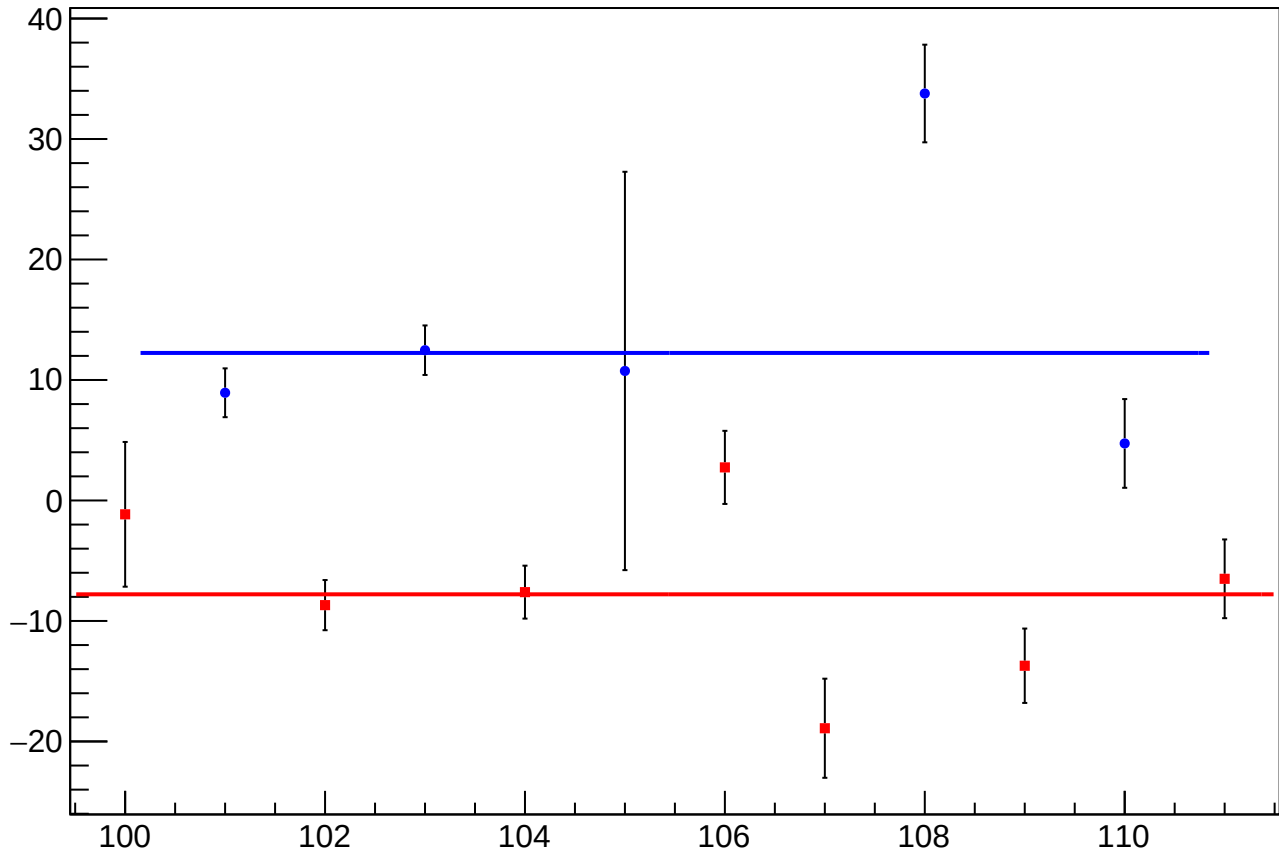
5893.598 $\pm$ 3.038 χ^2 /NDF: 6814.7/4

Right Out: 5732.266 $\pm$ 2.466 χ^2 /NDF: 14085.9/6

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

5732.266 $\pm$ 2.466 χ^2 /NDF: 14085.9/6

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

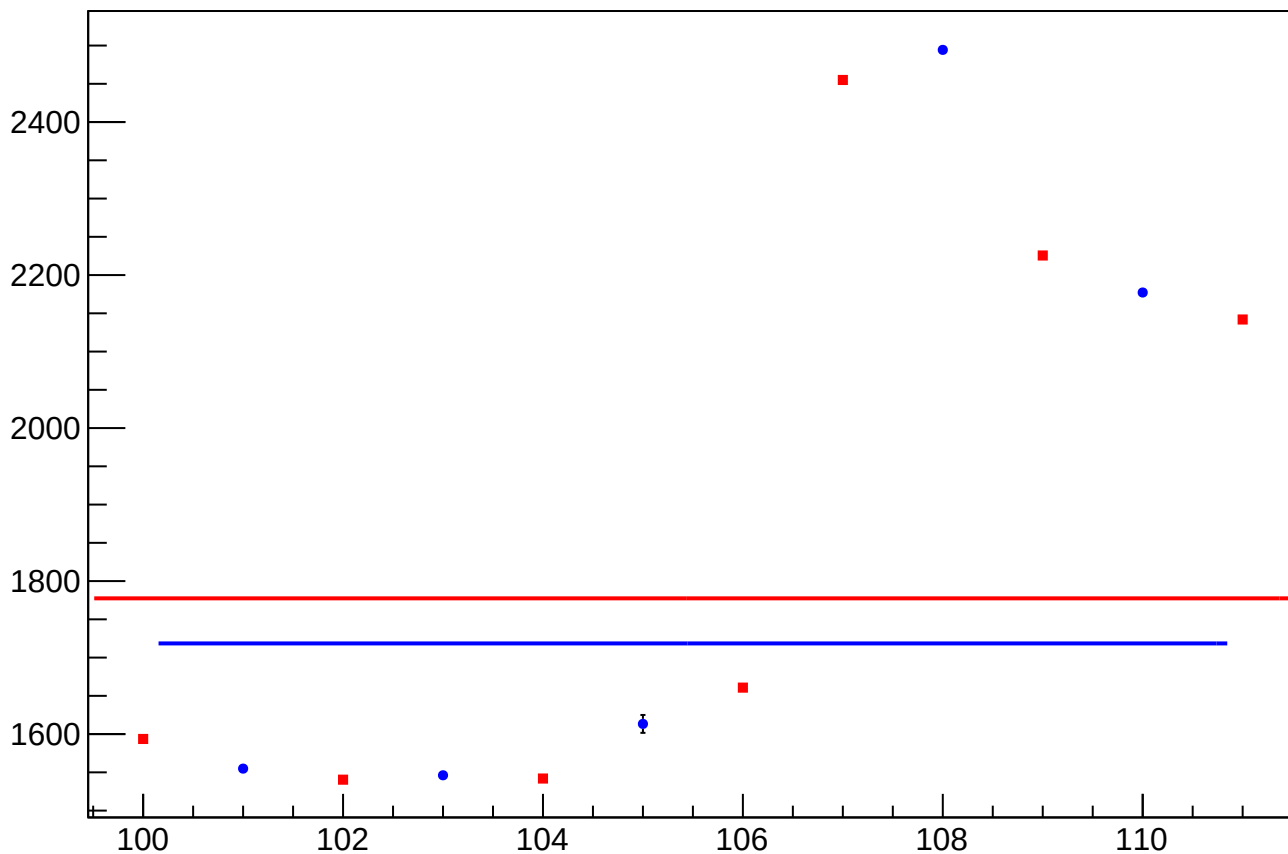
Right Out: -7.789+/-1.096 χ^2/NDF : 24.6/6

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

12.245+/-1.271 χ^2/NDF : 35.1/4

-7.789+/-1.096 χ^2/NDF : 24.6/6

diff_bpm0l05Y_rms vs slug



Right In: 1718.515+/-0.899 χ^2/NDF : 131532.5/4

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

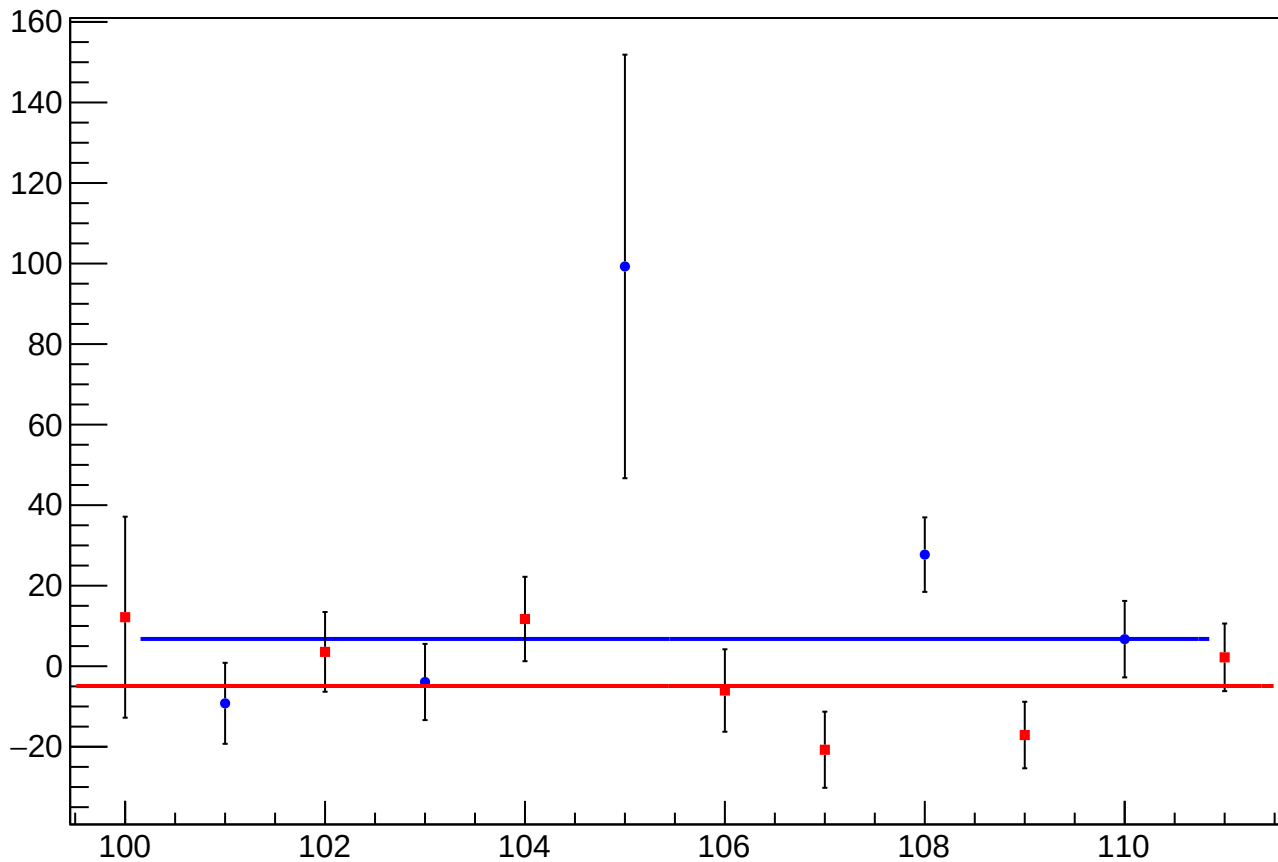
Right Out: 1777.435+/-0.775 χ^2/NDF : 175059.5/6

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

1718.515+/-0.899 χ^2/NDF : 131532.5/4

1777.435+/-0.775 χ^2/NDF : 175059.5/6

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

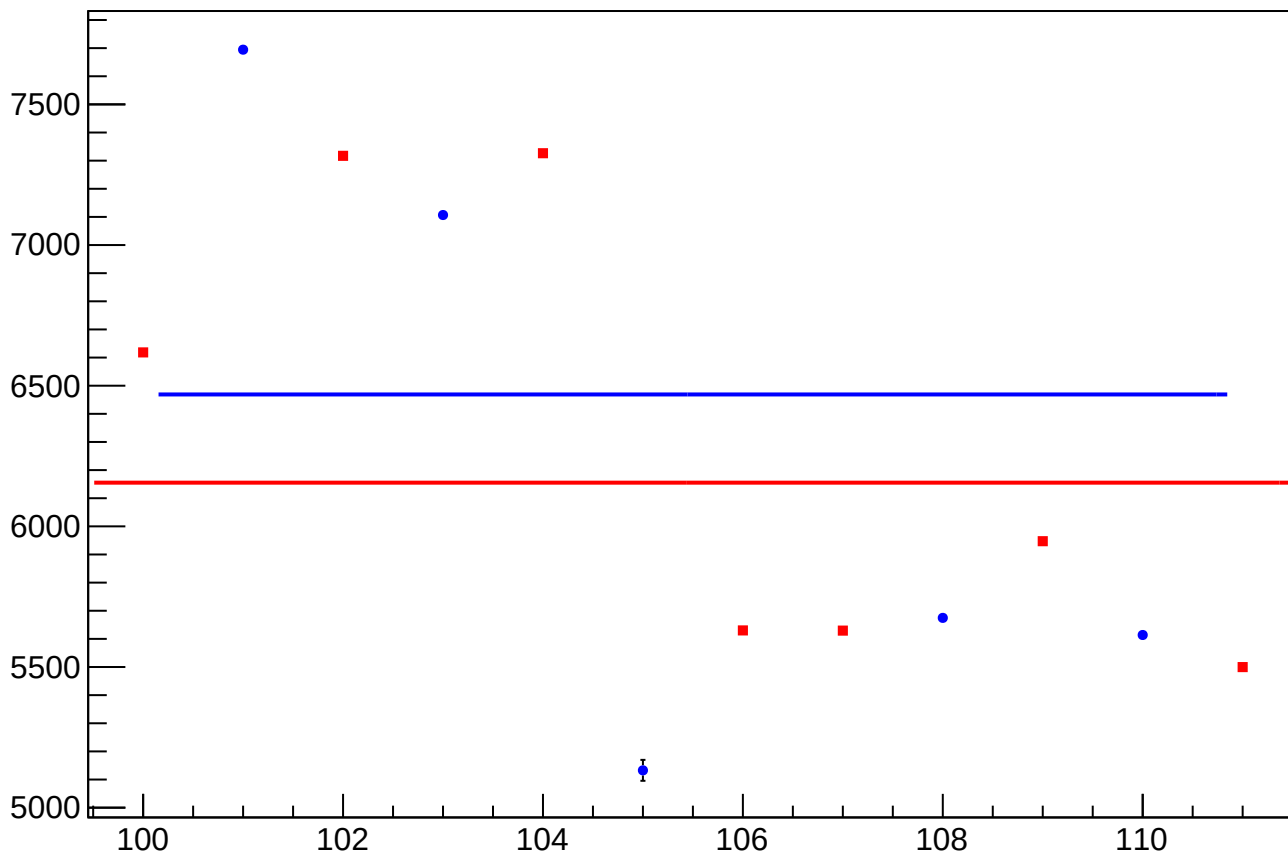
Right Out: -4.910+/-3.767 χ^2/NDF : 9.4/6

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

6.776+/-4.758 χ^2/NDF : 12.0/4

-4.910+/-3.767 χ^2/NDF : 9.4/6

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

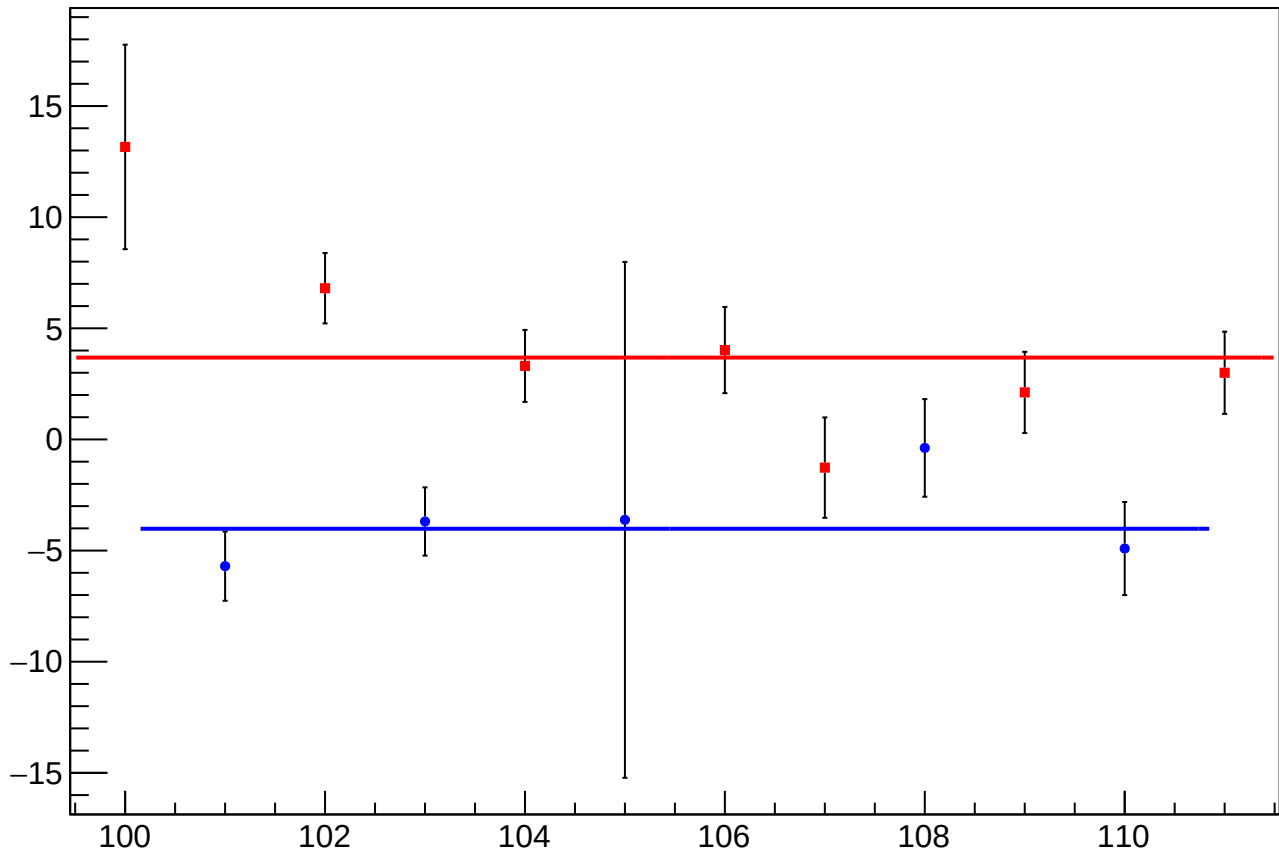
Right Out: 6155.326+/-2.664 χ^2/NDF : 78097.5/6

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

6468.890+/-3.365 χ^2/NDF : 70998.7/4

6155.326+/-2.664 χ^2/NDF : 78097.5/6

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

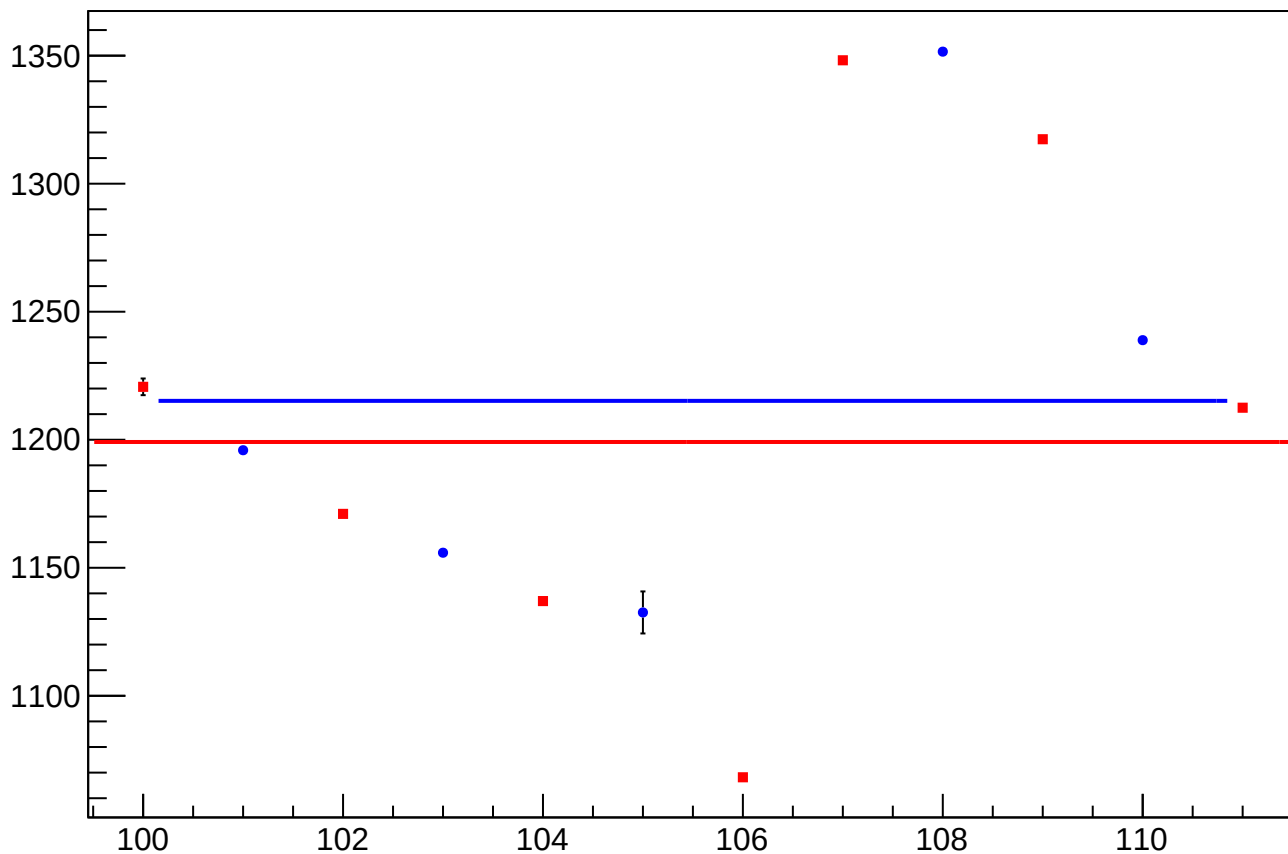
Right Out: 3.683 $\pm$ 0.729 χ^2 /NDF: 13.9/6

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

-4.018 $\pm$ 0.884 χ^2 /NDF: 4.1/4

3.683 $\pm$ 0.729 χ^2 /NDF: 13.9/6

diff_bpm0l06Y_rms vs slug



Right In: 1215.186 $\pm$ 0.625 χ^2 /NDF: 11359.7/4

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

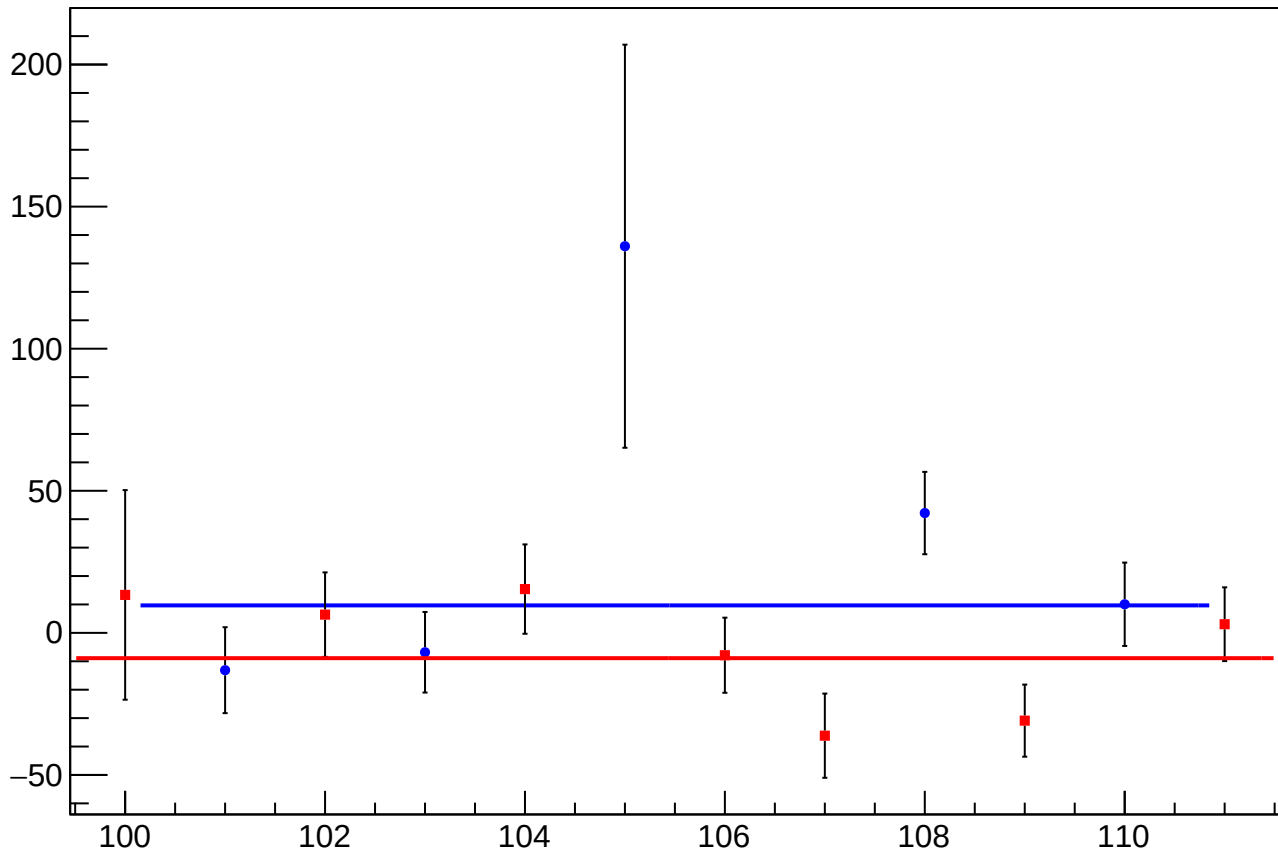
Right Out: 1199.127 $\pm$ 0.515 χ^2 /NDF: 29942.5/6

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

1215.186 $\pm$ 0.625 χ^2 /NDF: 11359.7/4

1199.127 $\pm$ 0.515 χ^2 /NDF: 29942.5/6

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

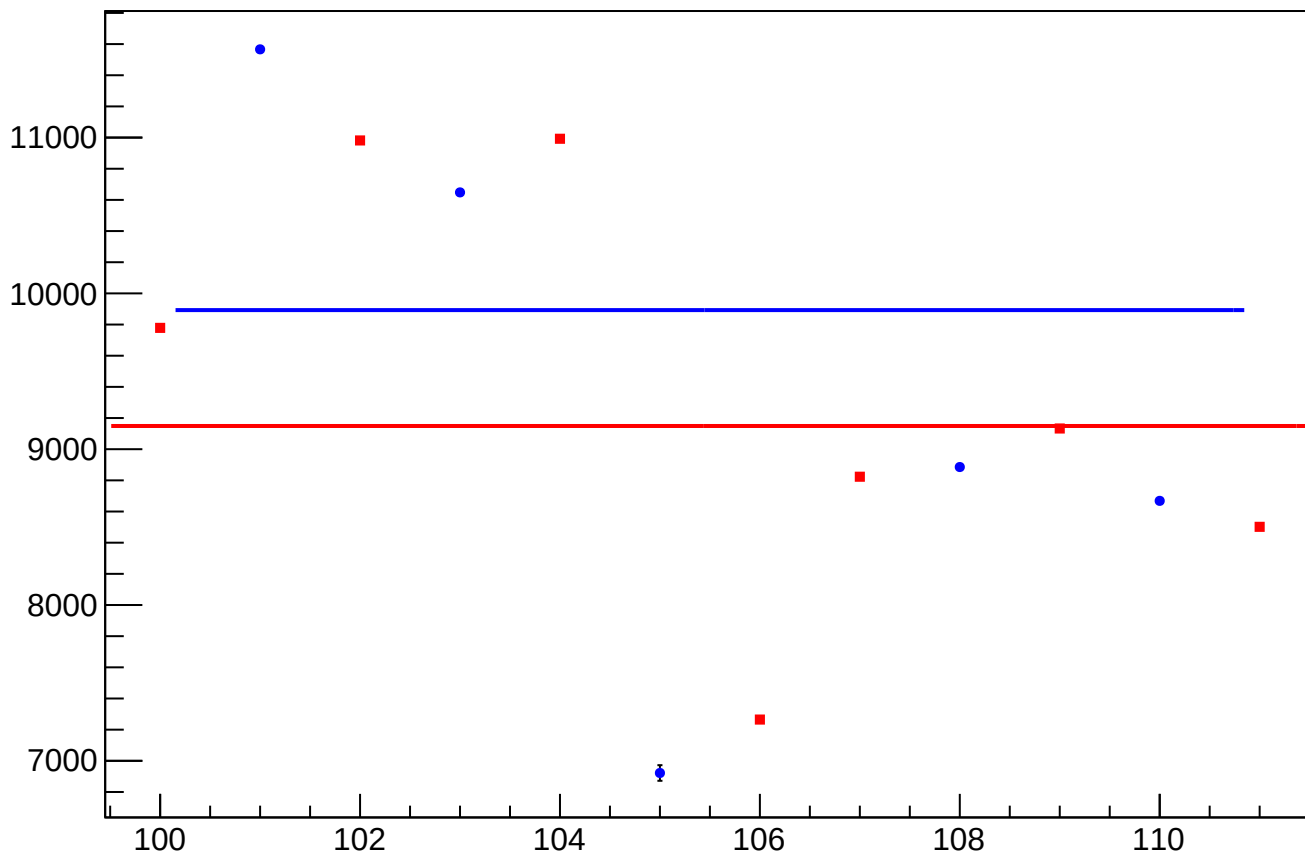
Right Out: -8.900+/-5.614 χ^2/NDF : 11.1/6

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

9.668+/-7.263 χ^2/NDF : 11.8/4

-8.900+/-5.614 χ^2/NDF : 11.1/6

diff_bpm0l07X_rms vs slug



Right In: 9892.732+/-5.136 χ^2/NDF : 57276.6/4

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

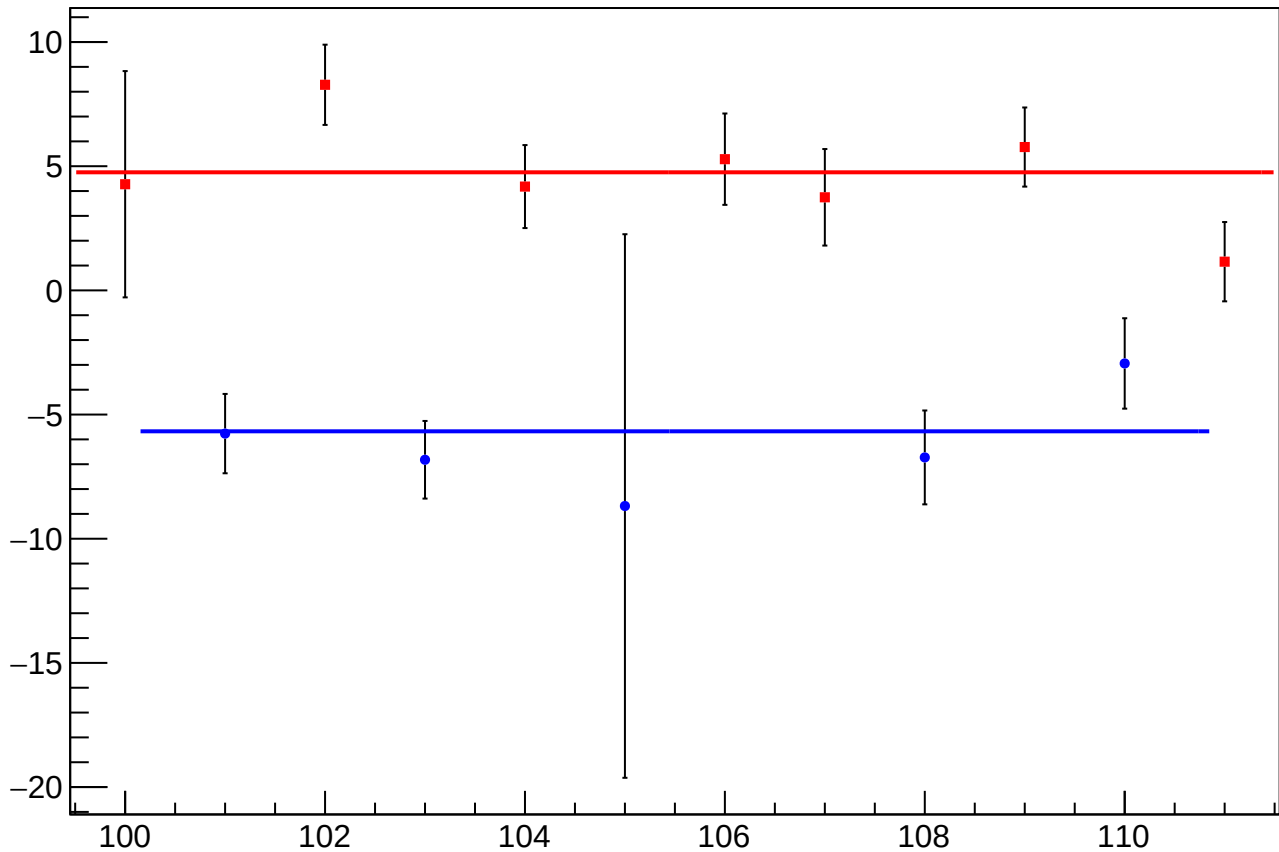
Right Out: 9148.962+/-3.969 χ^2/NDF : 105050.5/6

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

9892.732+/-5.136 χ^2/NDF : 57276.6/4

9148.962+/-3.969 χ^2/NDF : 105050.5/6

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

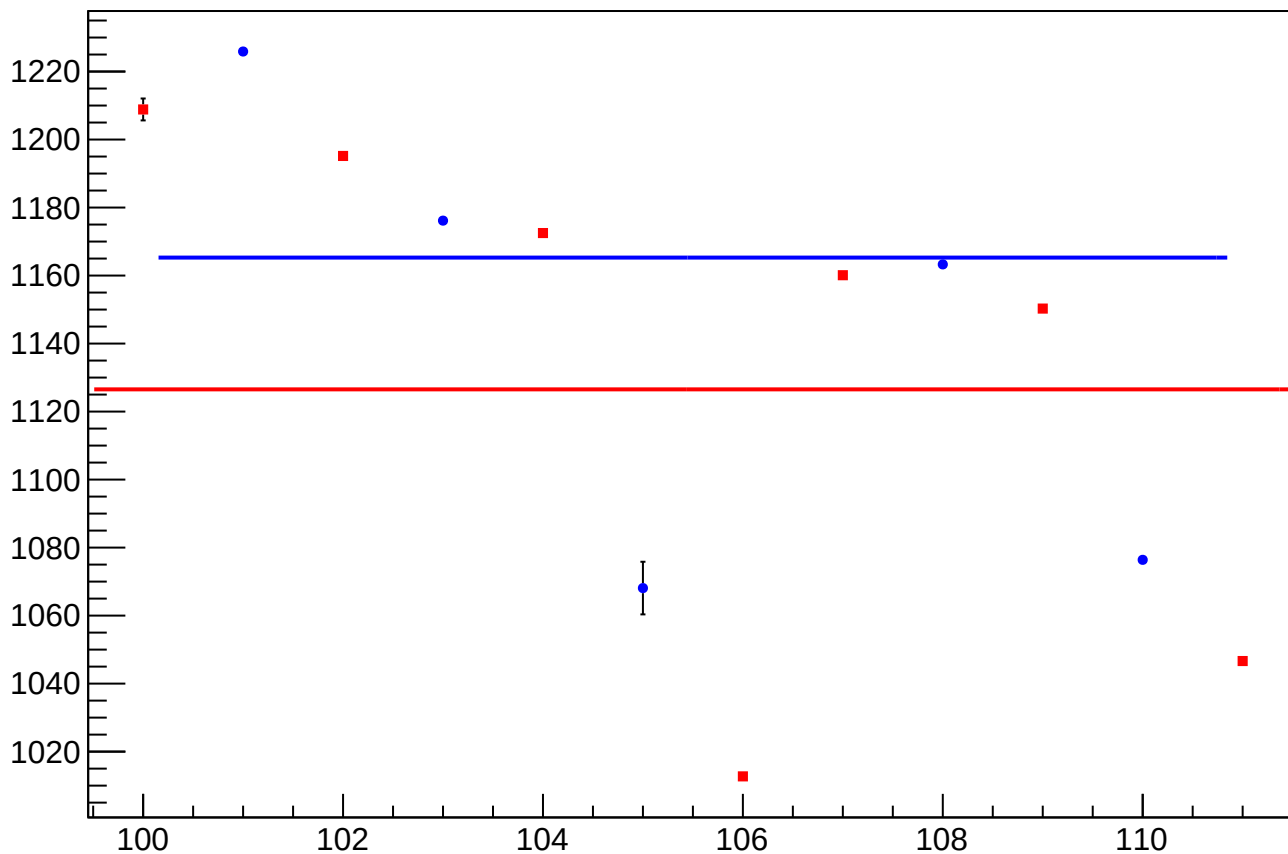
Right Out: 4.755+/-0.684 χ^2/NDF : 10.7/6

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

-5.675+/-0.848 χ^2/NDF : 3.2/4

4.755+/-0.684 χ^2/NDF : 10.7/6

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

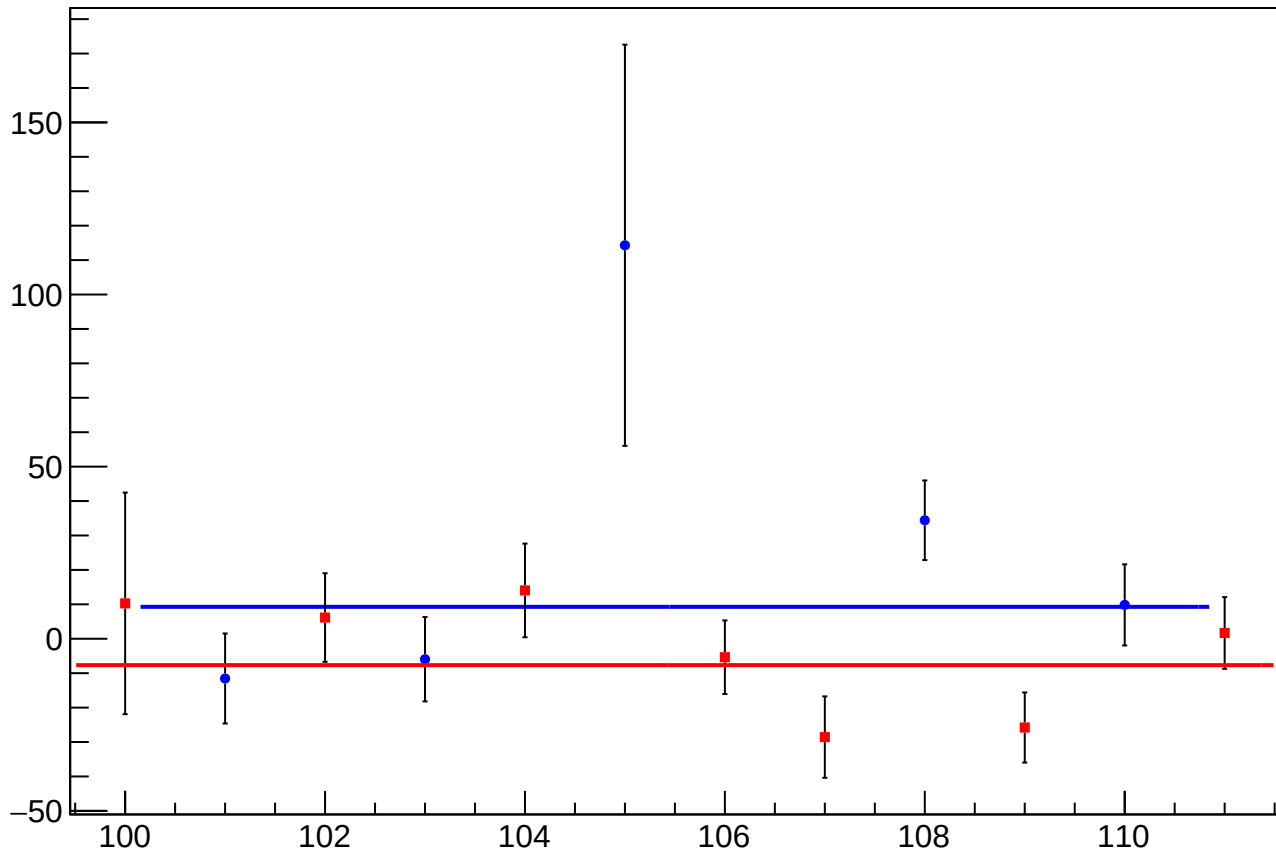
Right Out: 1126.532 $\pm$ 0.484 χ^2 /NDF: 19484.8/6

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

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

1126.532 $\pm$ 0.484 χ^2 /NDF: 19484.8/6

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

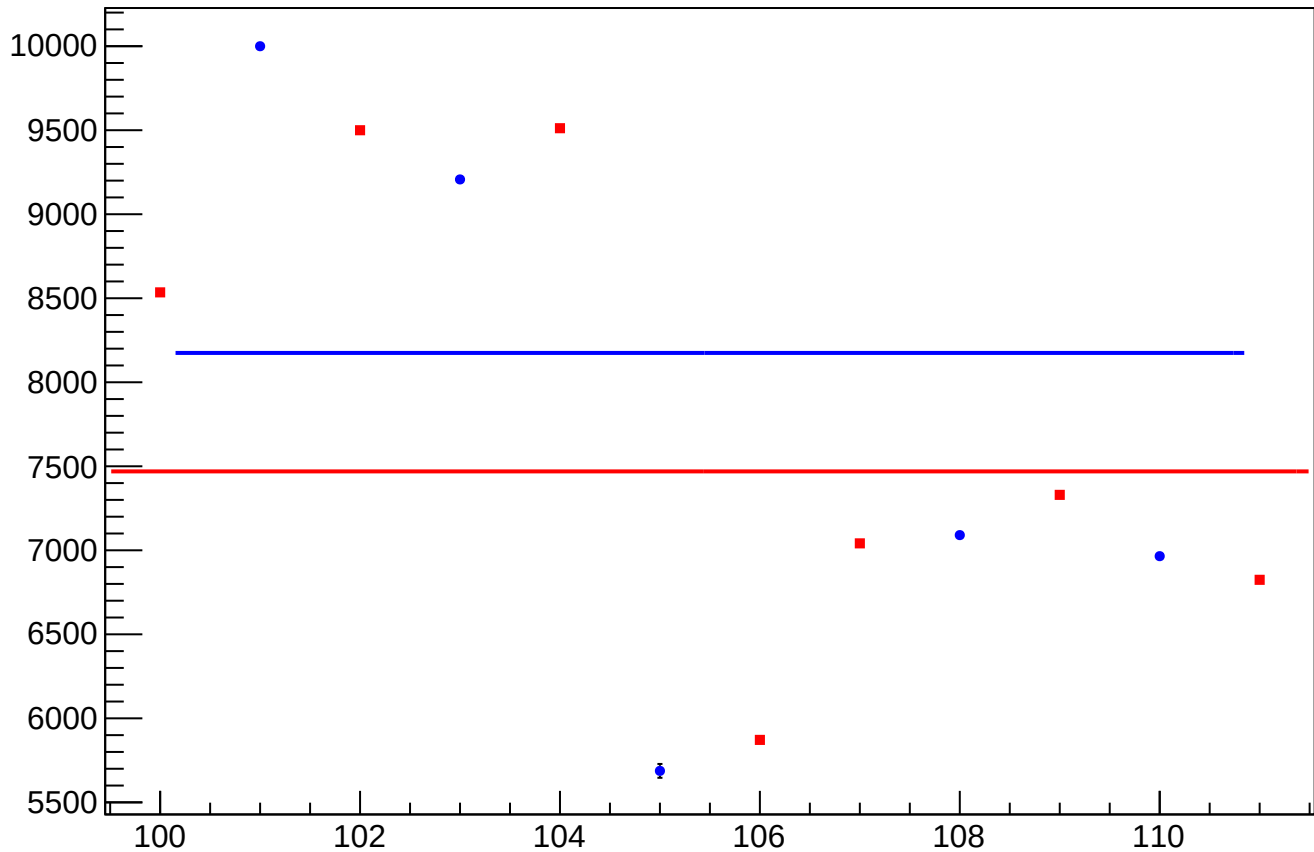
Right Out: -7.660+/-4.604 χ^2/NDF : 11.2/6

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

9.273+/-6.033 χ^2/NDF : 12.1/4

-7.660+/-4.604 χ^2/NDF : 11.2/6

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

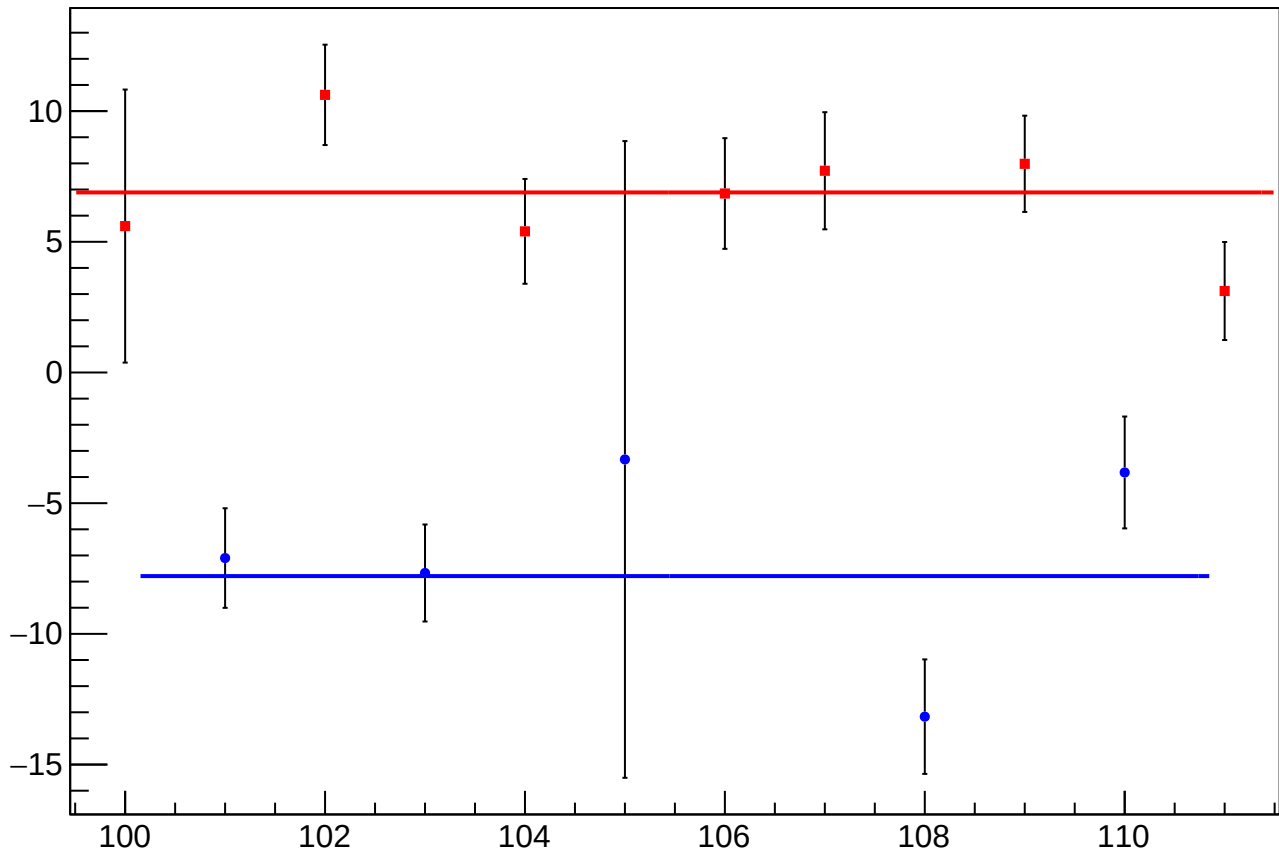
8174.611+/-4.266 χ^2/NDF : 95461.2/4

Right Out: 7469.571+/-3.255 χ^2/NDF : 152461.6/6

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

7469.571+/-3.255 χ^2/NDF : 152461.6/6

diff_bpm0l08Y_mean vs slug



Right In: -7.790+/-1.000 χ^2/NDF : 9.7/4

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

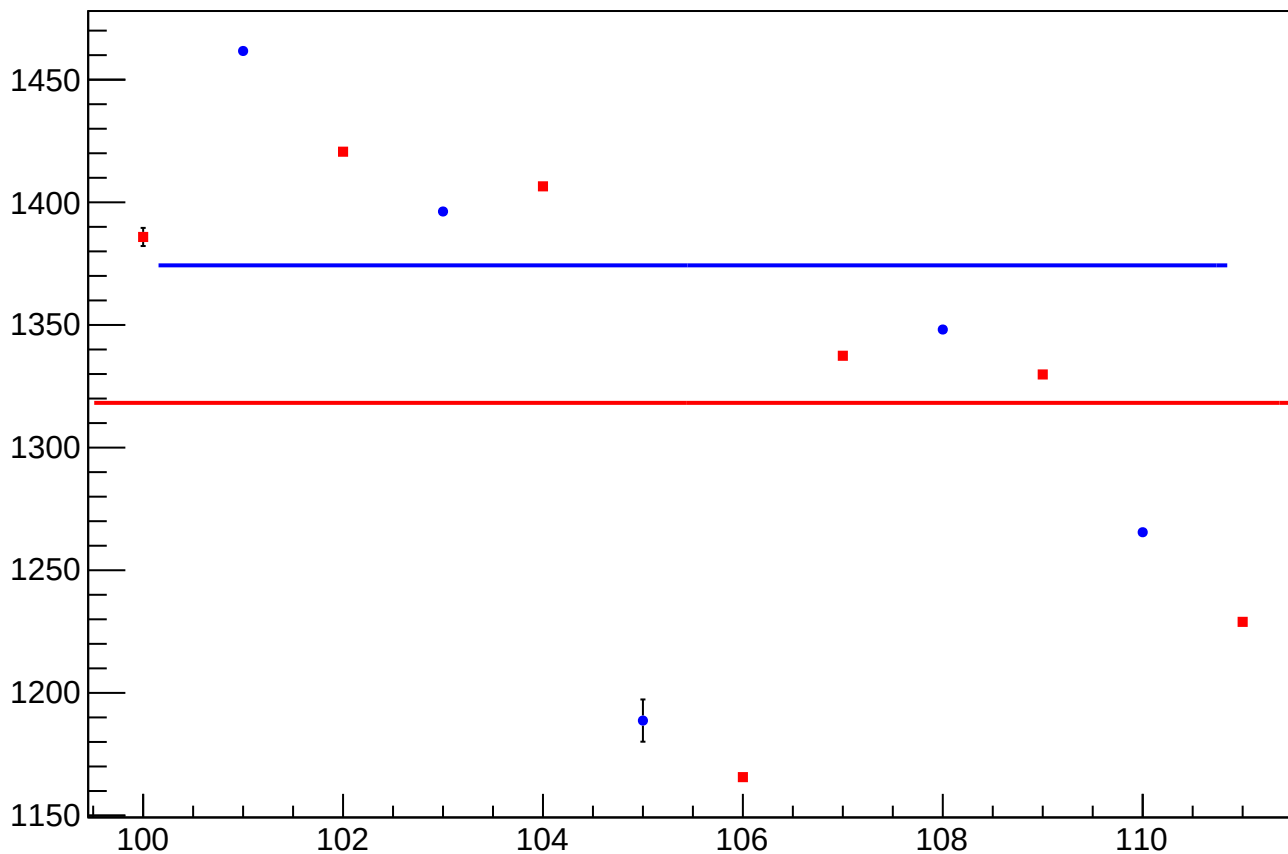
Right Out: 6.889+/-0.801 χ^2/NDF : 8.9/6

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

-7.790+/-1.000 χ^2/NDF : 9.7/4

6.889+/-0.801 χ^2/NDF : 8.9/6

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

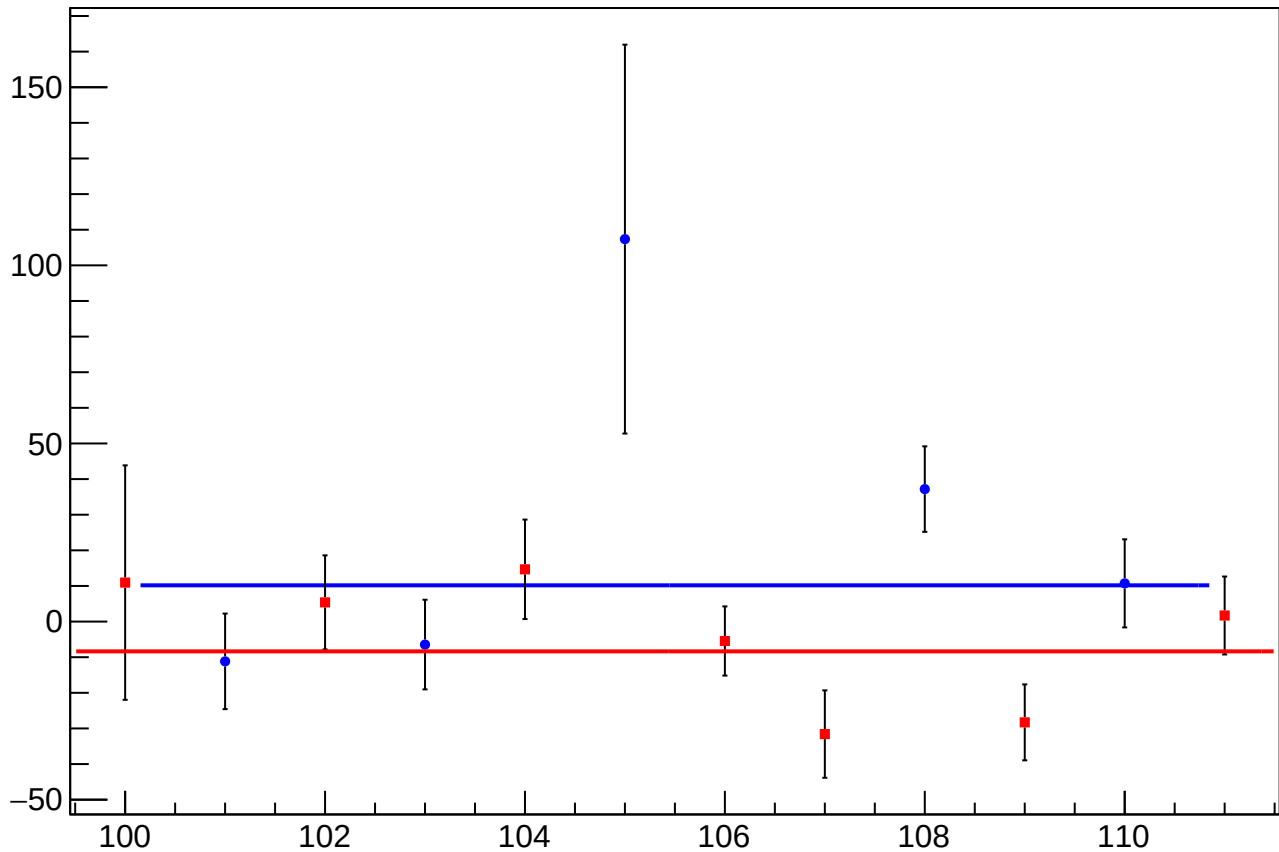
Right Out: 1318.241+/-0.566 χ^2/NDF : 25050.0/6

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

1374.301+/-0.707 χ^2/NDF : 10408.7/4

1318.241+/-0.566 χ^2/NDF : 25050.0/6

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

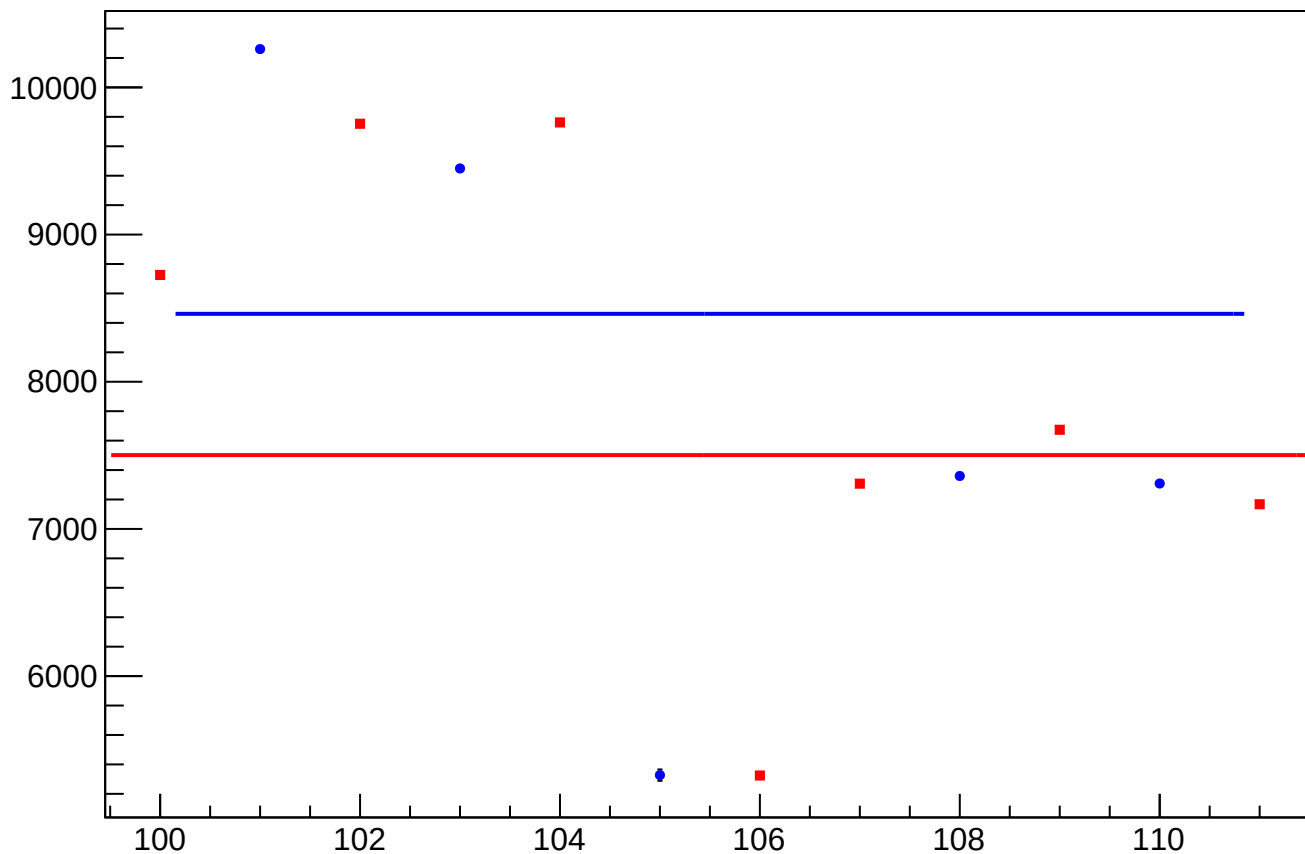
Right Out: -8.360+/-4.653 χ^2/NDF : 12.2/6

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

10.179+/-6.239 χ^2/NDF : 12.5/4

-8.360+/-4.653 χ^2/NDF : 12.2/6

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

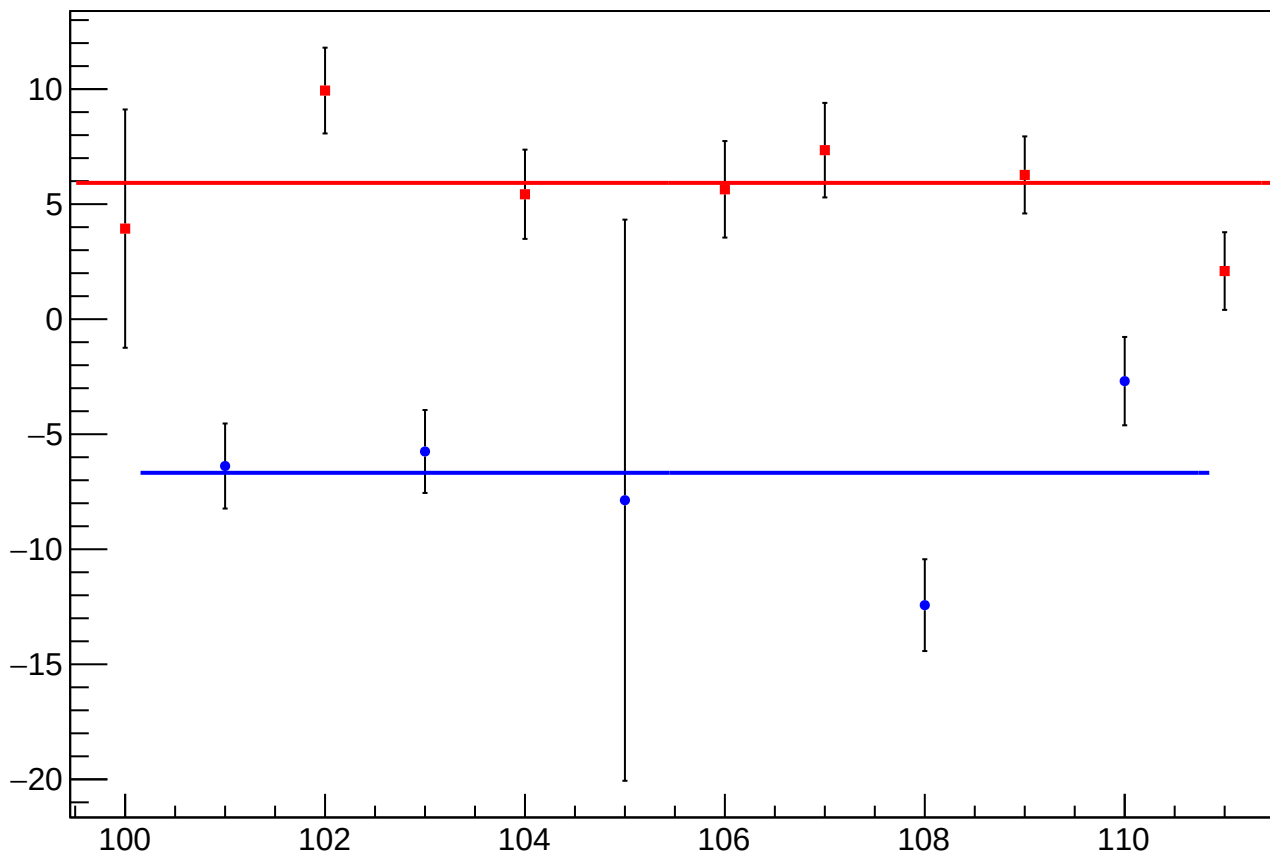
Right Out: 7501.670+/-3.290 χ^2 /NDF: 216715.4/6

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

8461.439+/-4.411 χ^2 /NDF: 89132.6/4

7501.670+/-3.290 χ^2 /NDF: 216715.4/6

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

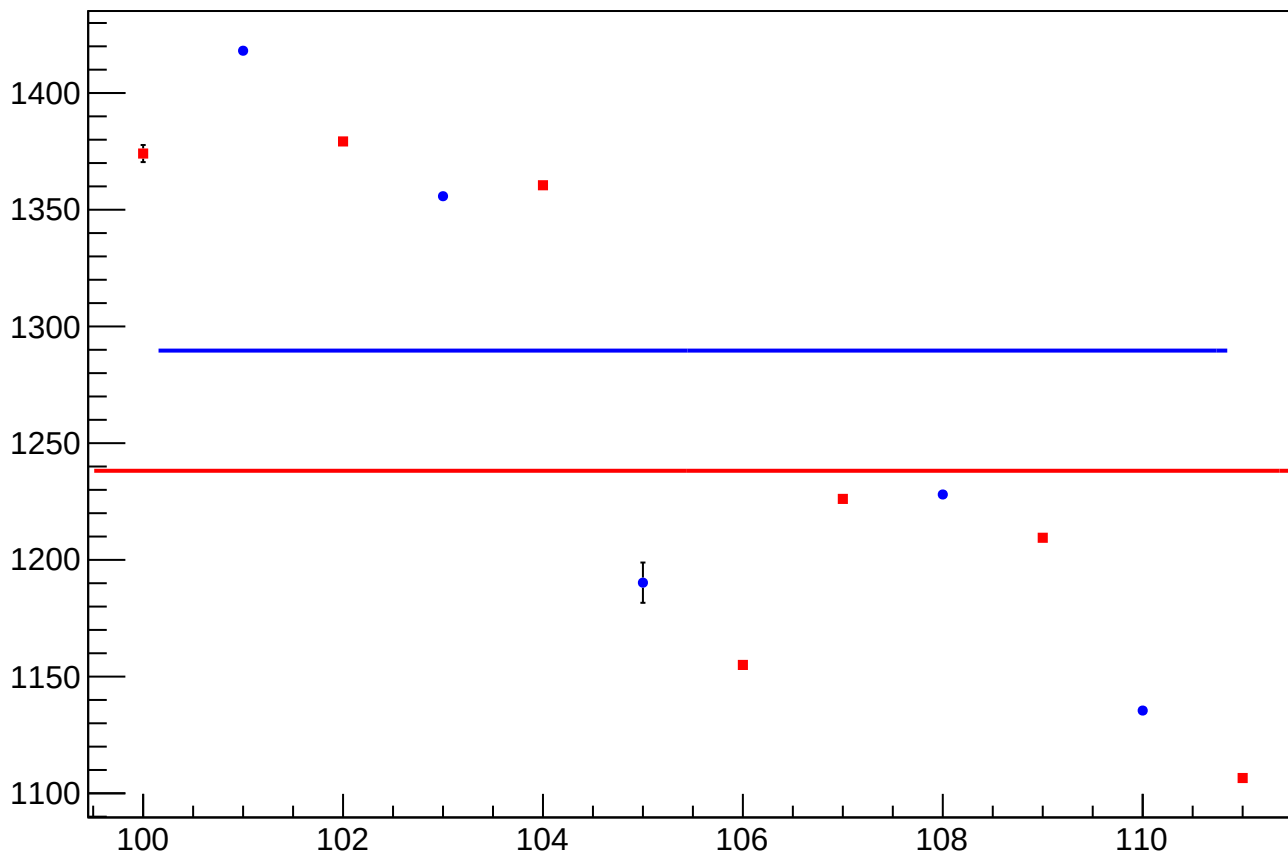
Right Out: 5.924+/-0.753 χ^2/NDF : 10.5/6

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

-6.677+/-0.941 χ^2/NDF : 12.9/4

5.924+/-0.753 χ^2/NDF : 10.5/6

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

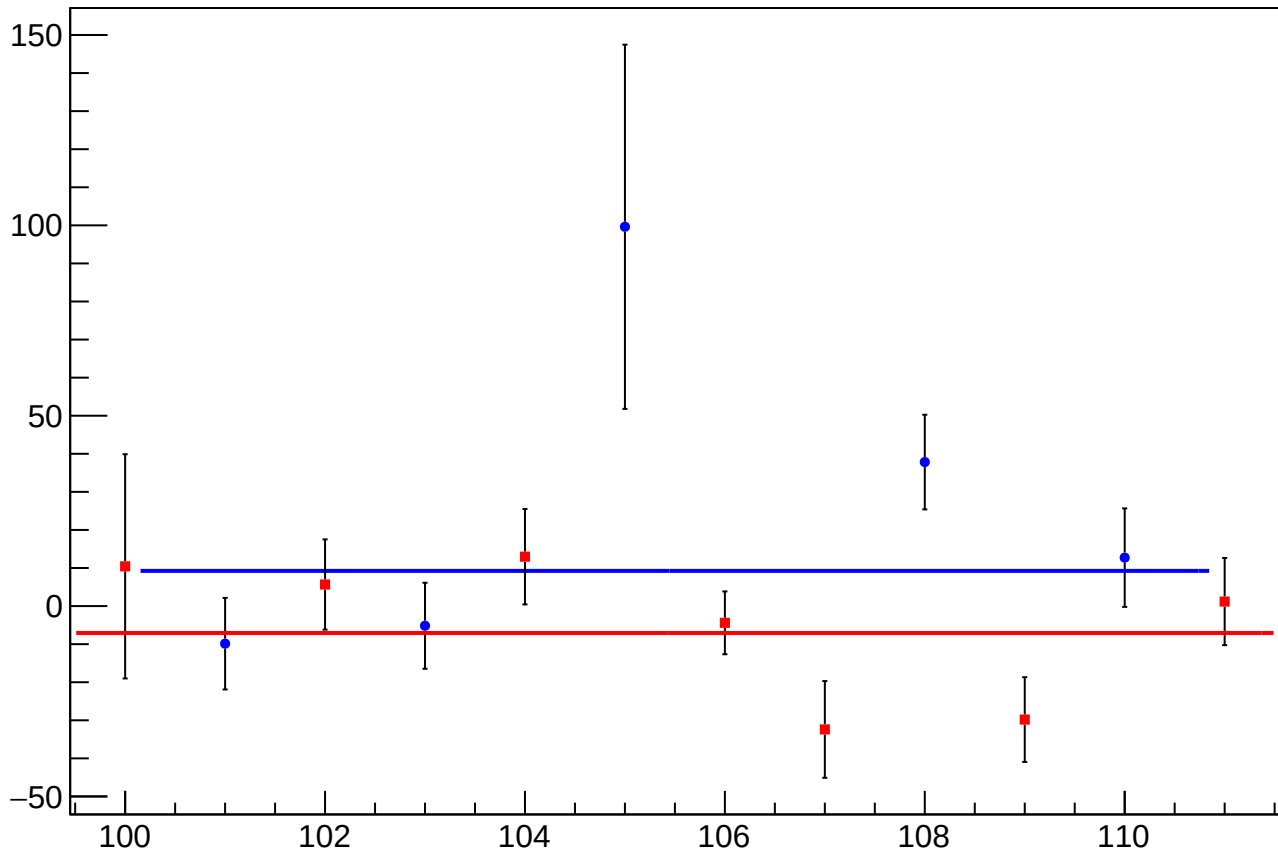
Right Out: 1238.173 $\pm$ 0.533 χ^2 /NDF: 36746.8/6

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

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

1238.173 $\pm$ 0.533 χ^2 /NDF: 36746.8/6

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

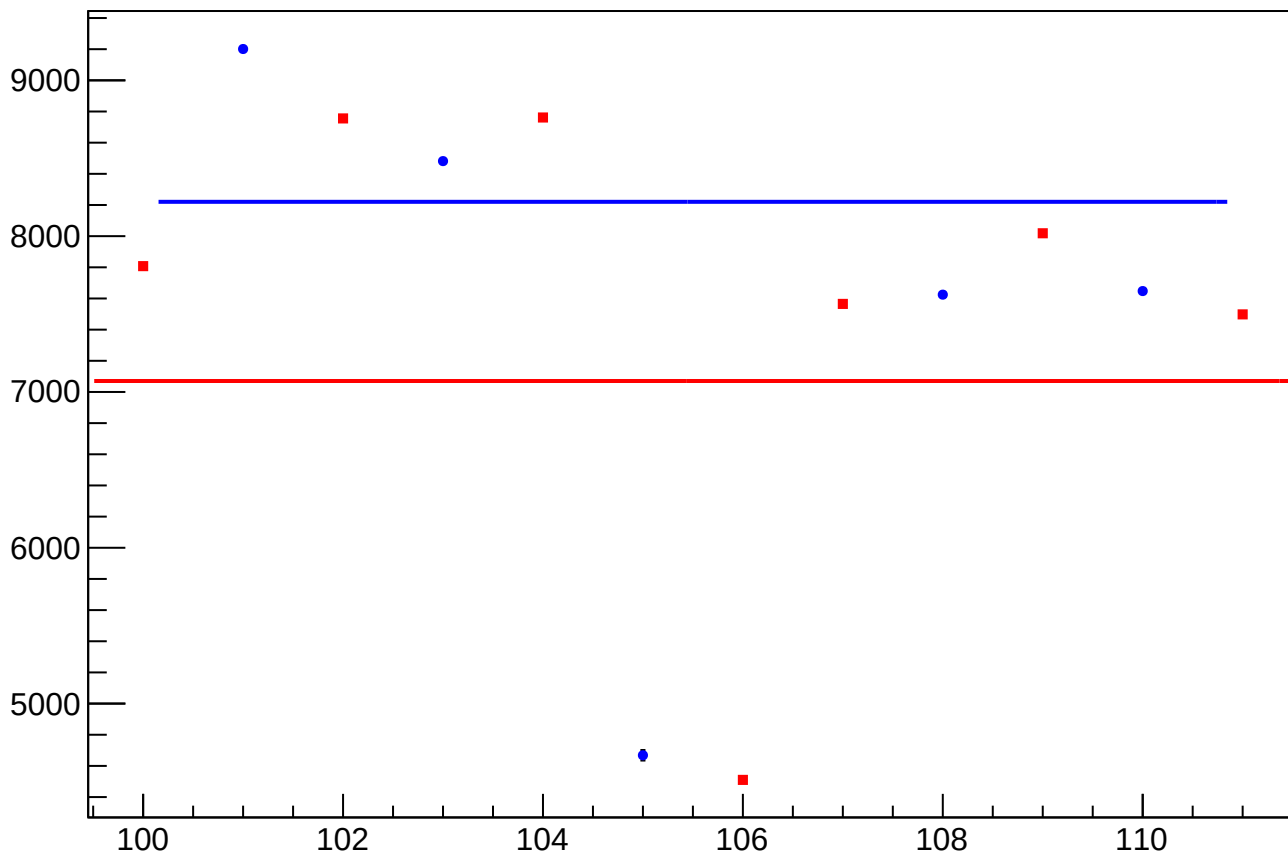
Right Out: -7.062+/-4.418 χ^2/NDF : 12.8/6

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

9.247+/-6.016 χ^2/NDF : 13.1/4

-7.062+/-4.418 χ^2/NDF : 12.8/6

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

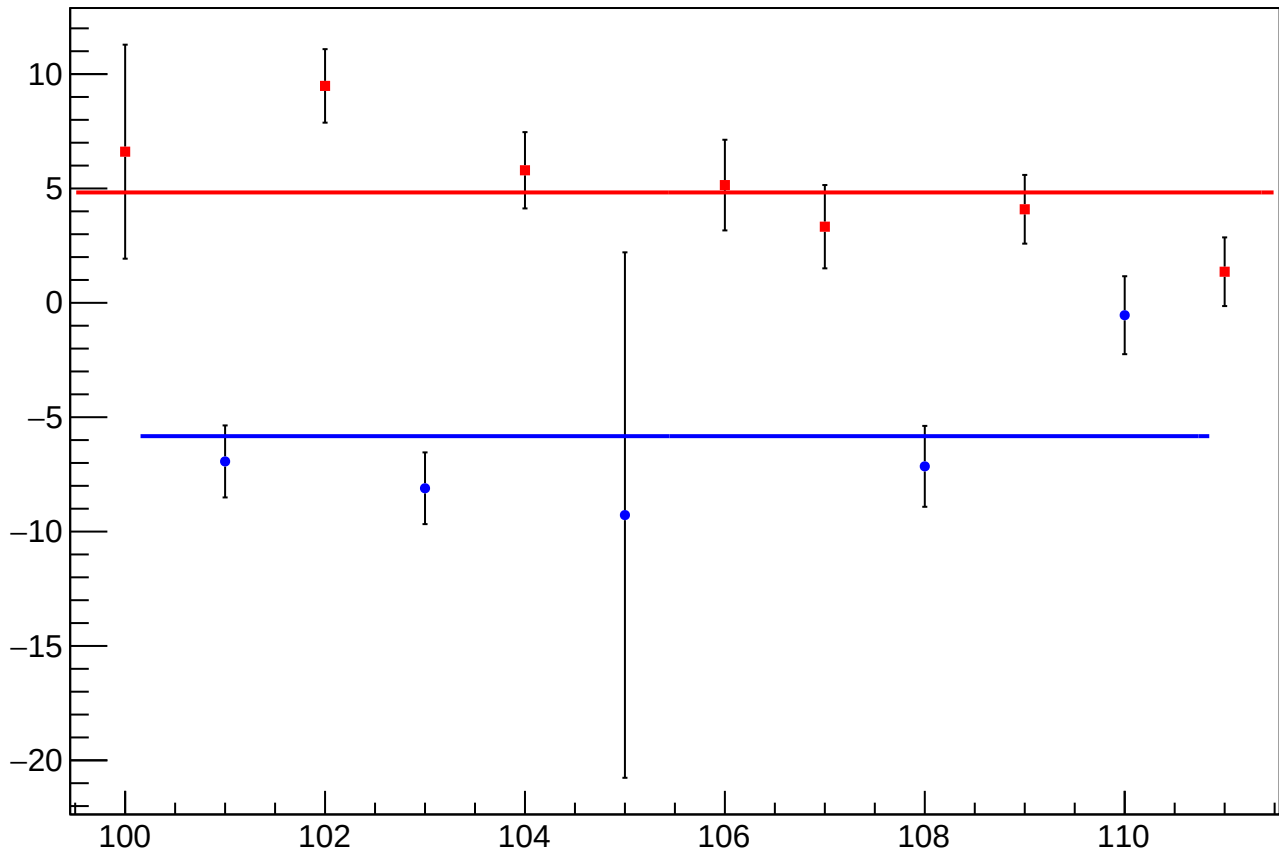
Right Out: 7070.407+/-3.124 χ^2/NDF : 290962.2/6

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

8220.395+/-4.254 χ^2/NDF : 33913.1/4

7070.407+/-3.124 χ^2/NDF : 290962.2/6

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

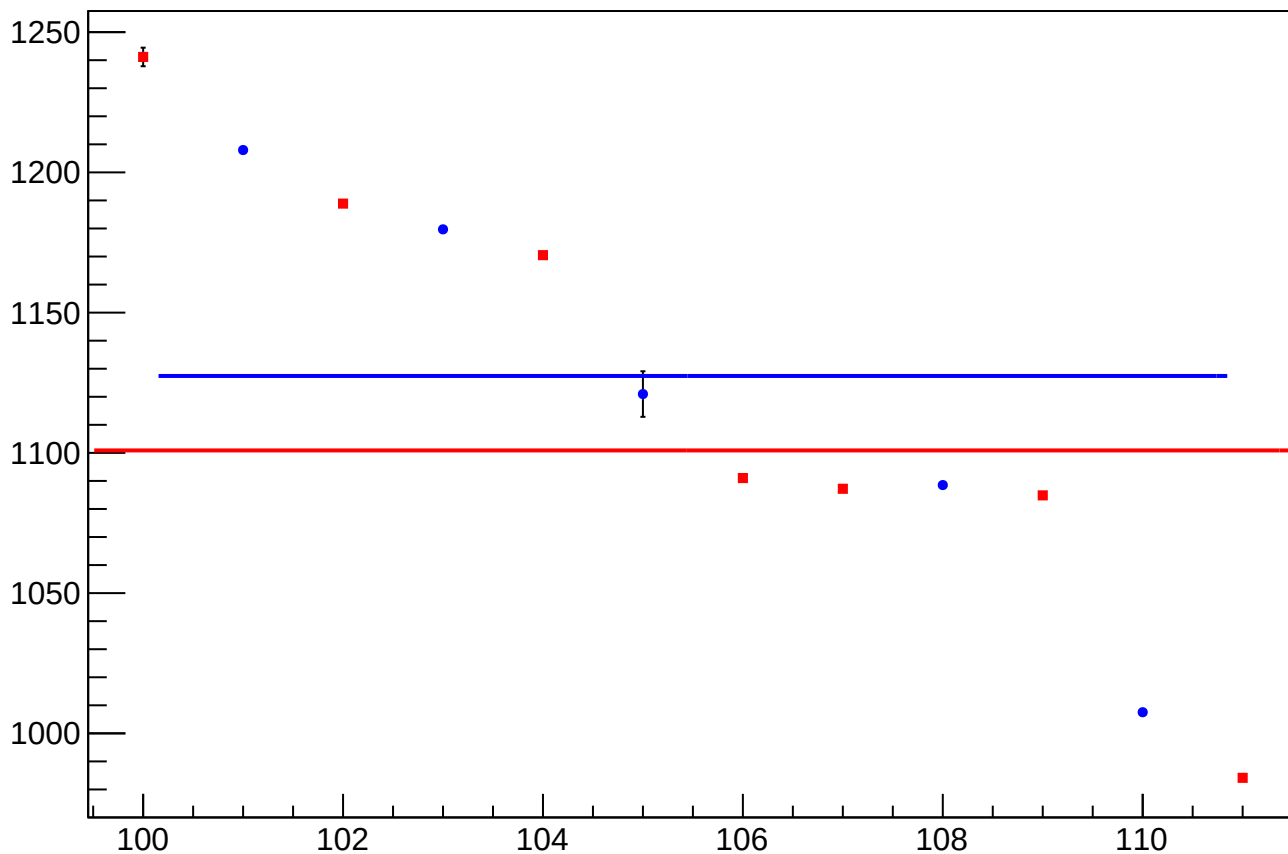
Right Out: 4.826+/-0.669 χ^2/NDF : 15.2/6

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

-5.828+/-0.821 χ^2/NDF : 12.9/4

4.826+/-0.669 χ^2/NDF : 15.2/6

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

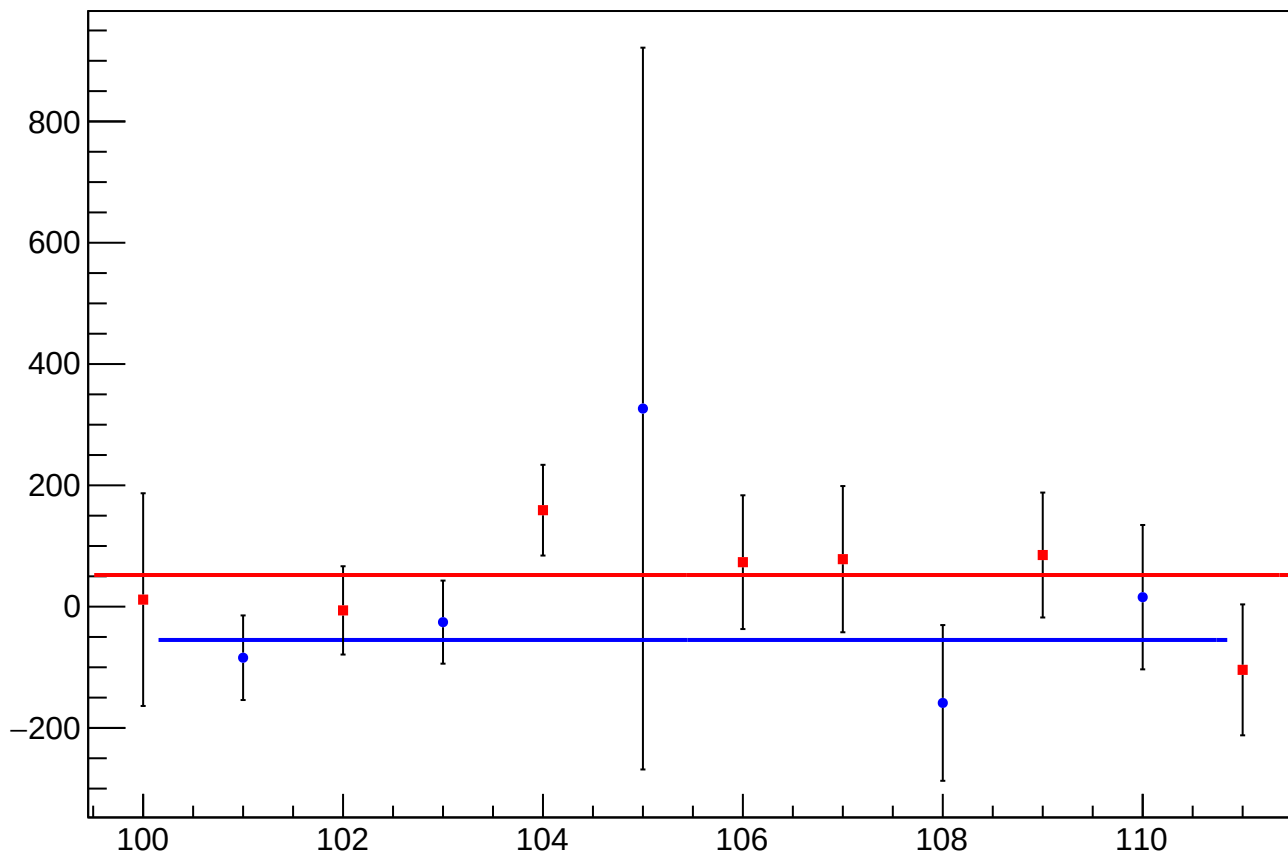
Right Out: 1100.869+/-0.473 χ^2 /NDF: 23761.2/6

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

1127.423+/-0.581 χ^2 /NDF: 18329.1/4

1100.869+/-0.473 χ^2 /NDF: 23761.2/6

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

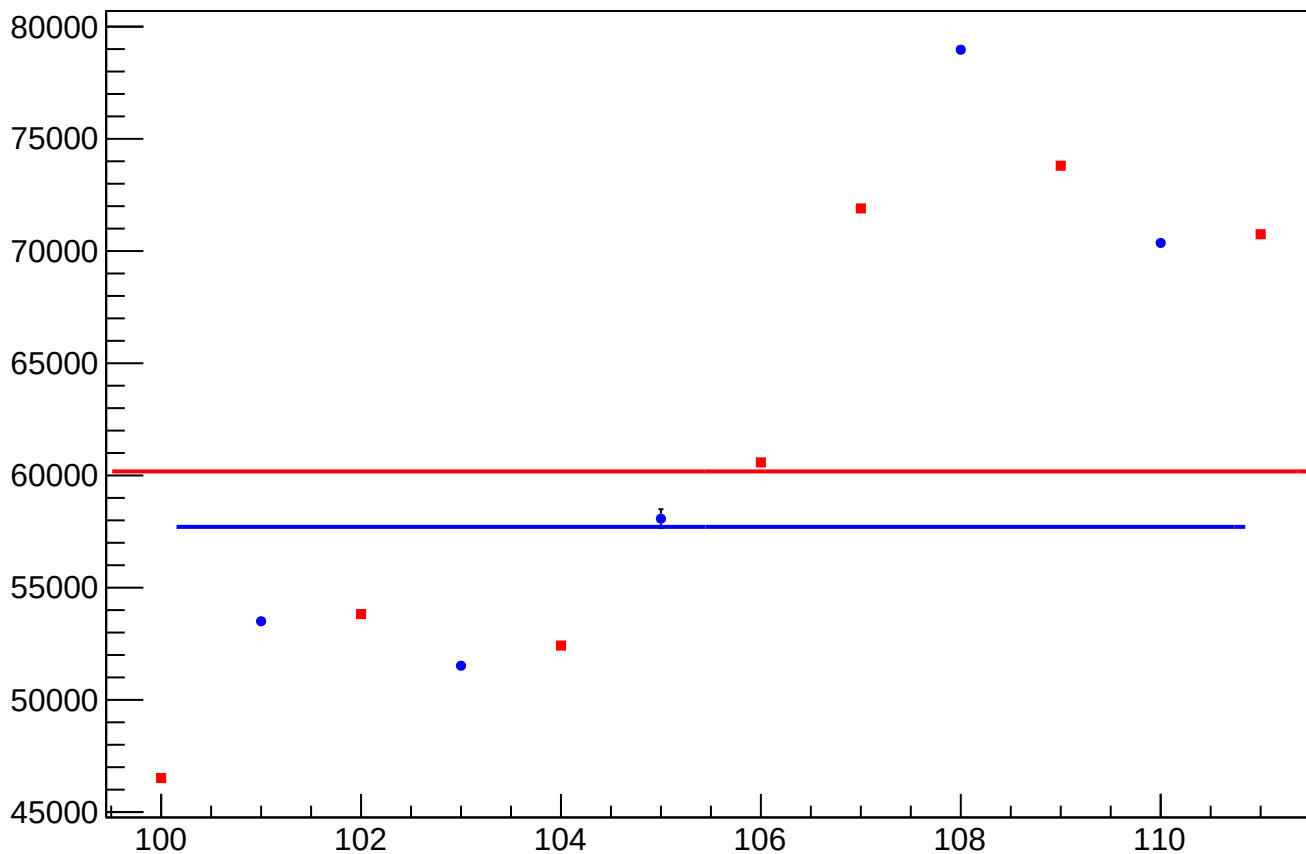
Right Out: 52.157 $\pm$ 36.983 χ^2 /NDF: 5.0/6

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

-54.936 $\pm$ 42.528 χ^2 /NDF: 1.8/4

52.157 $\pm$ 36.983 χ^2 /NDF: 5.0/6

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

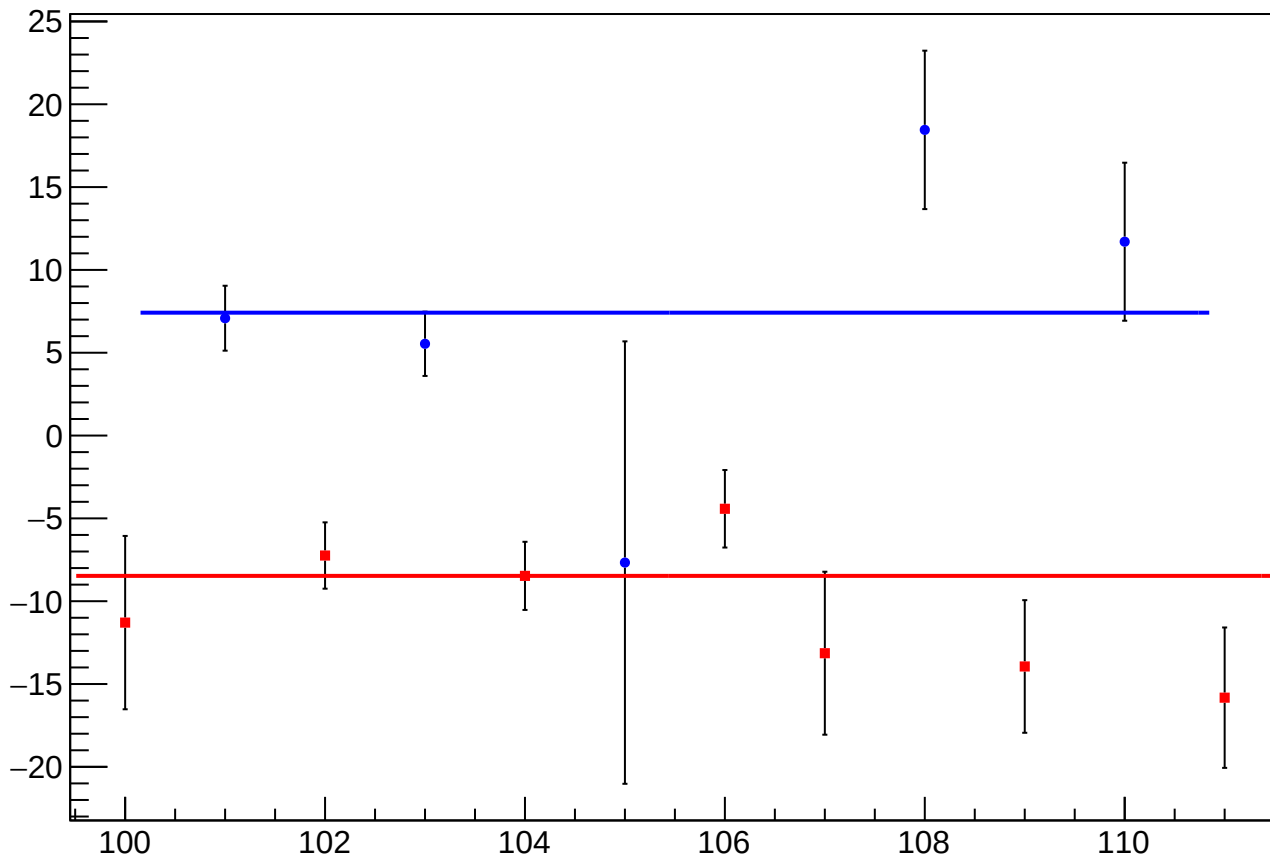
Right Out: 60180.930+/-26.151 χ^2/NDF : 122013.4/6

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

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

60180.930+/-26.151 χ^2/NDF : 122013.4/6

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

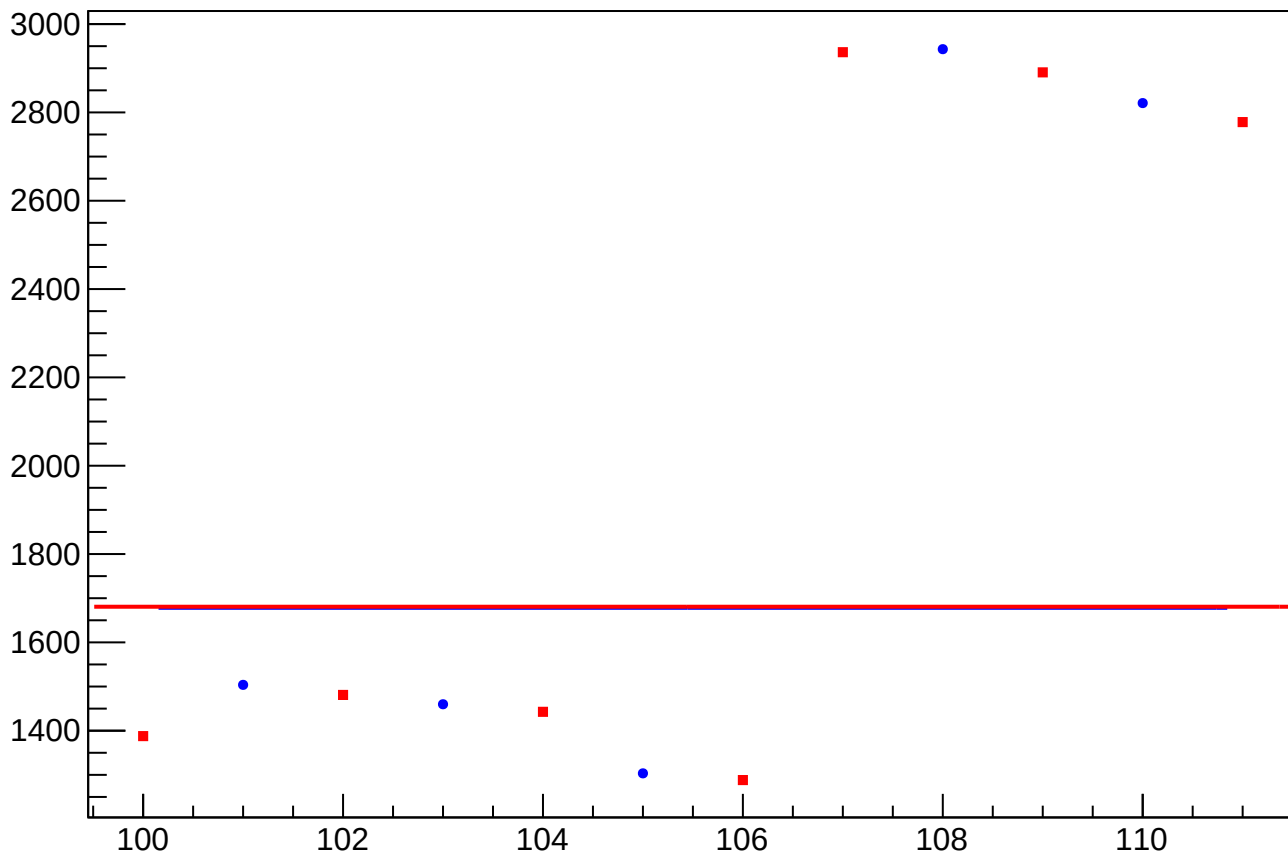
Right Out: -8.471 $\pm$ 1.076 χ^2 /NDF: 9.4/6

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

7.418 $\pm$ 1.271 χ^2 /NDF: 8.4/4

-8.471 $\pm$ 1.076 χ^2 /NDF: 9.4/6

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

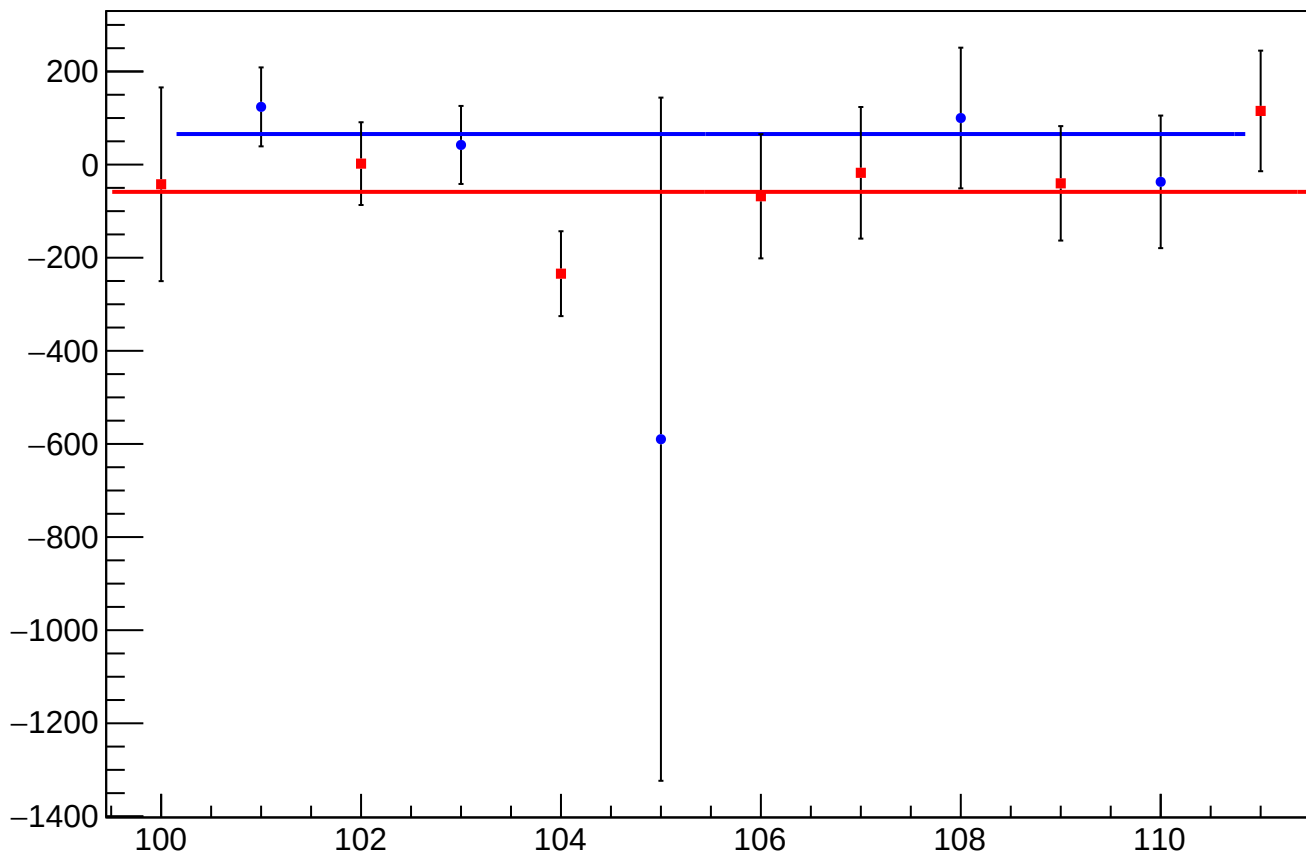
Right Out: 1680.701+/-0.761 χ^2/NDF : 556326.3/6

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

1678.284+/-0.899 χ^2/NDF : 297501.6/4

1680.701+/-0.761 χ^2/NDF : 556326.3/6

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

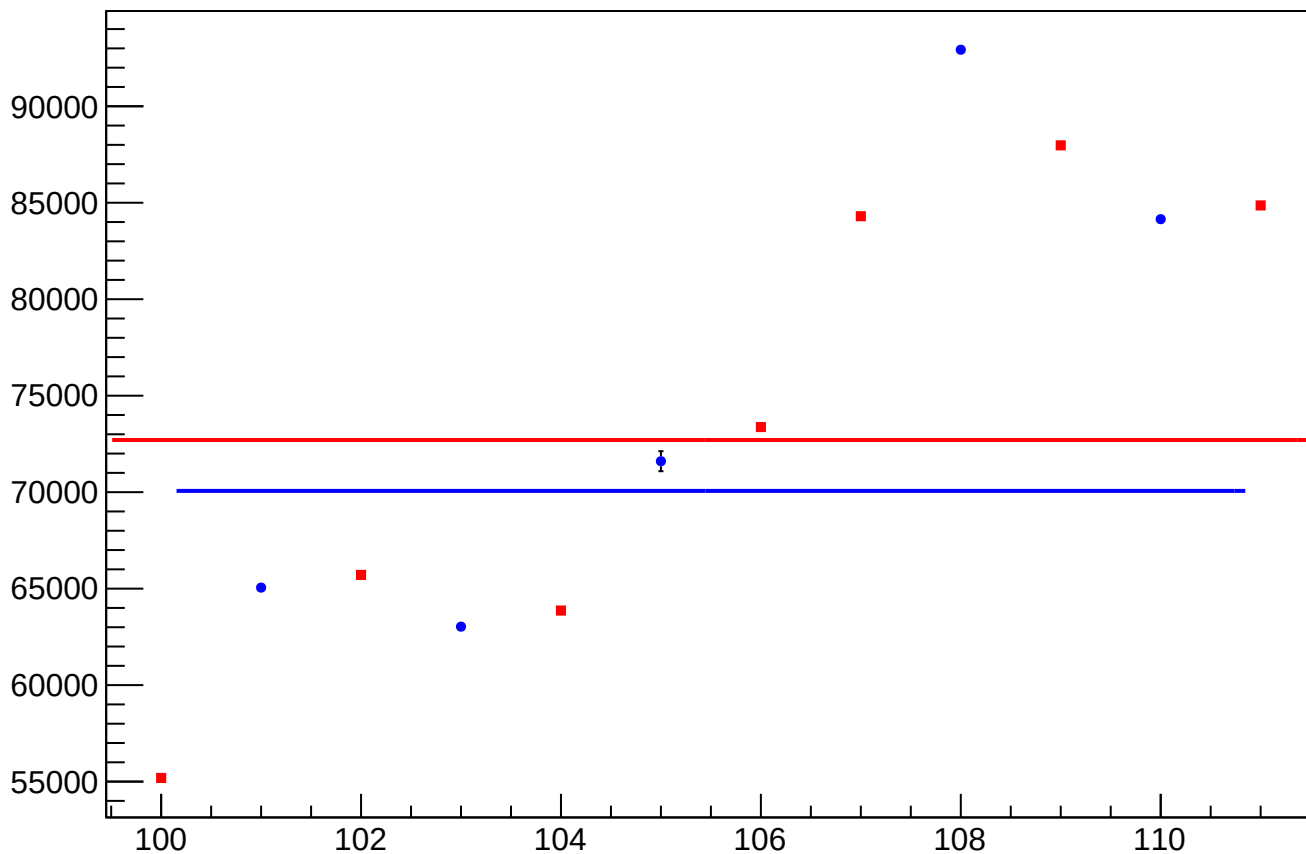
Right Out: -58.576+/-44.625 χ^2/NDF : 6.1/6

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

65.629+/-51.535 χ^2/NDF : 1.9/4

-58.576+/-44.625 χ^2/NDF : 6.1/6

diff_bpm0r05X_rms vs slug



Right In: 70065.652+/-36.441 χ^2 /NDF: 86460.3/4

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

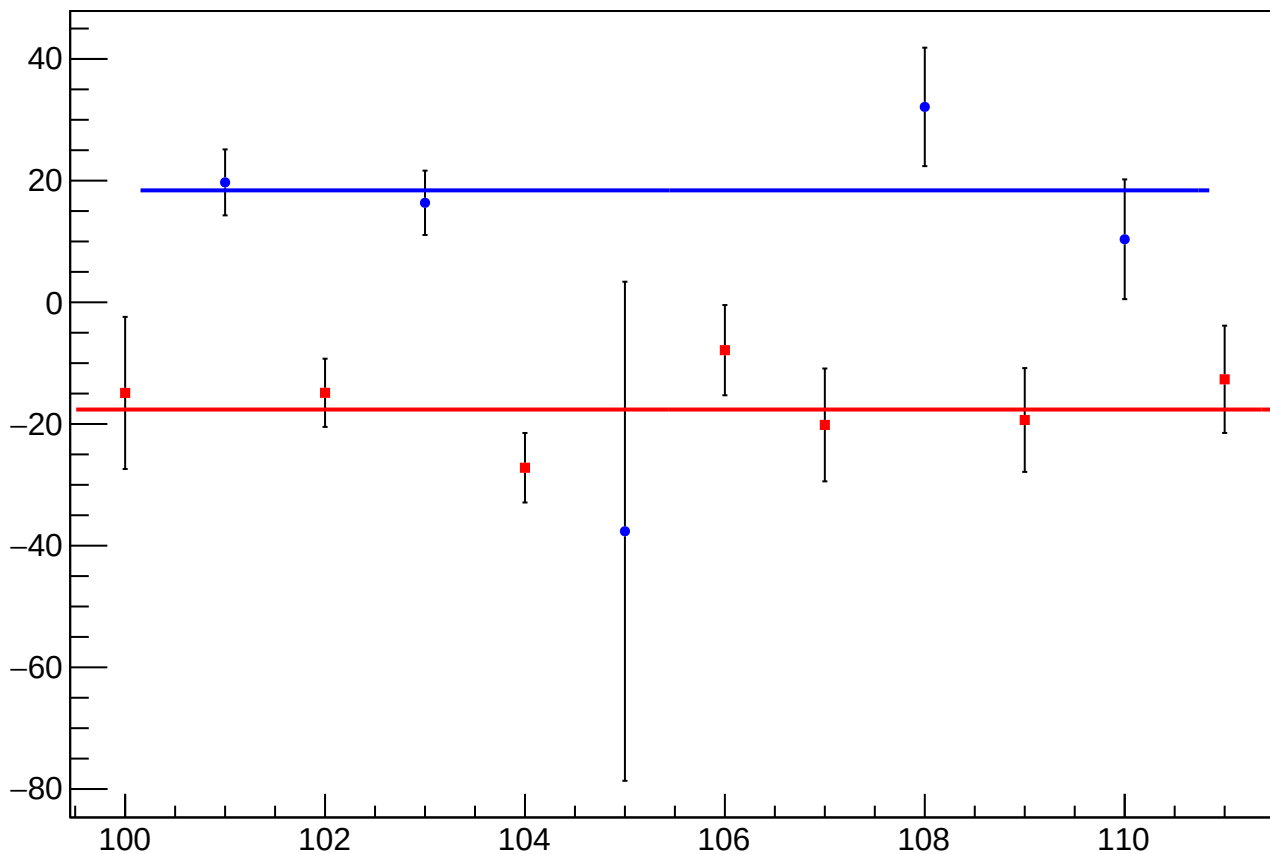
Right Out: 72704.275+/-31.555 χ^2 /NDF: 107383.3/6

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

70065.652+/-36.441 χ^2 /NDF: 86460.3/4

72704.275+/-31.555 χ^2 /NDF: 107383.3/6

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

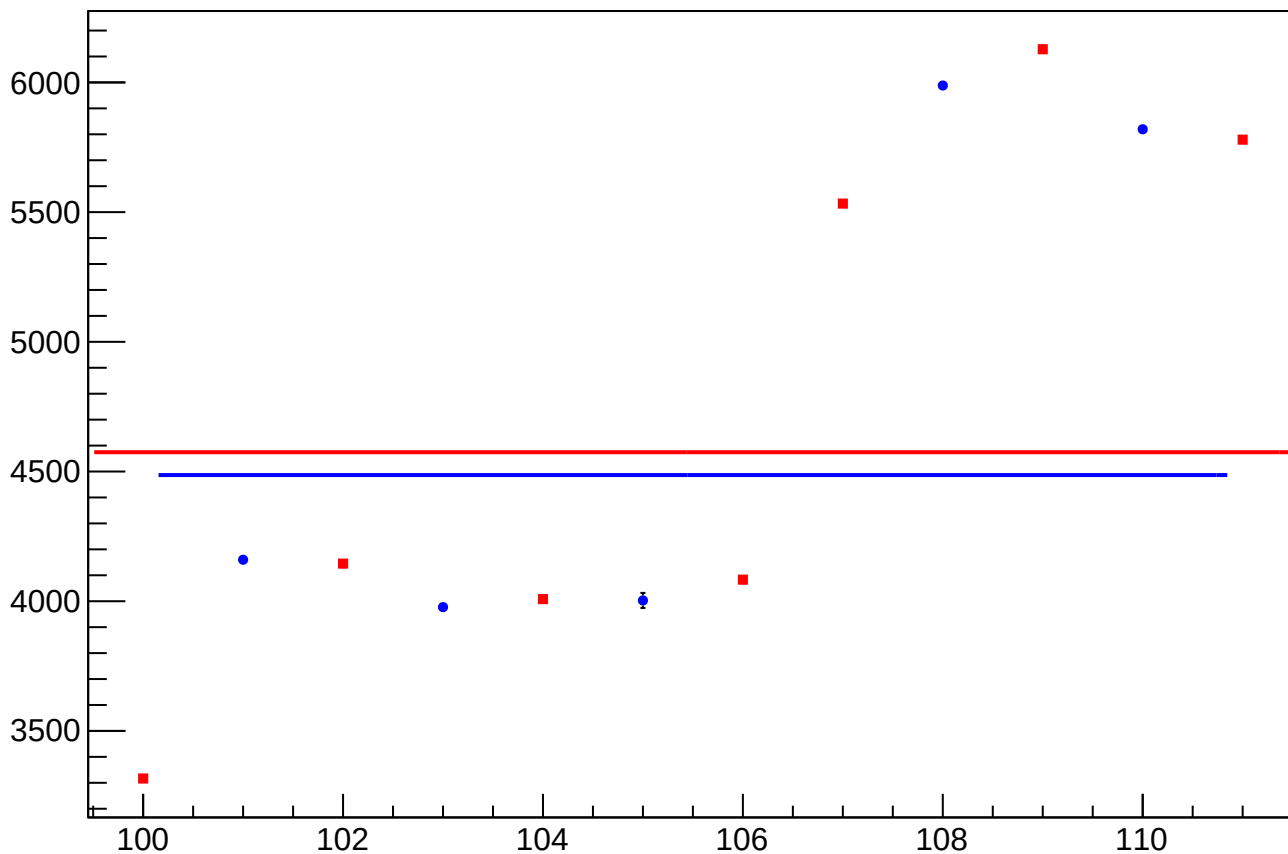
Right Out: -17.625+/-2.826 χ^2/NDF : 5.3/6

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

18.400+/-3.310 χ^2/NDF : 4.7/4

-17.625+/-2.826 χ^2/NDF : 5.3/6

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

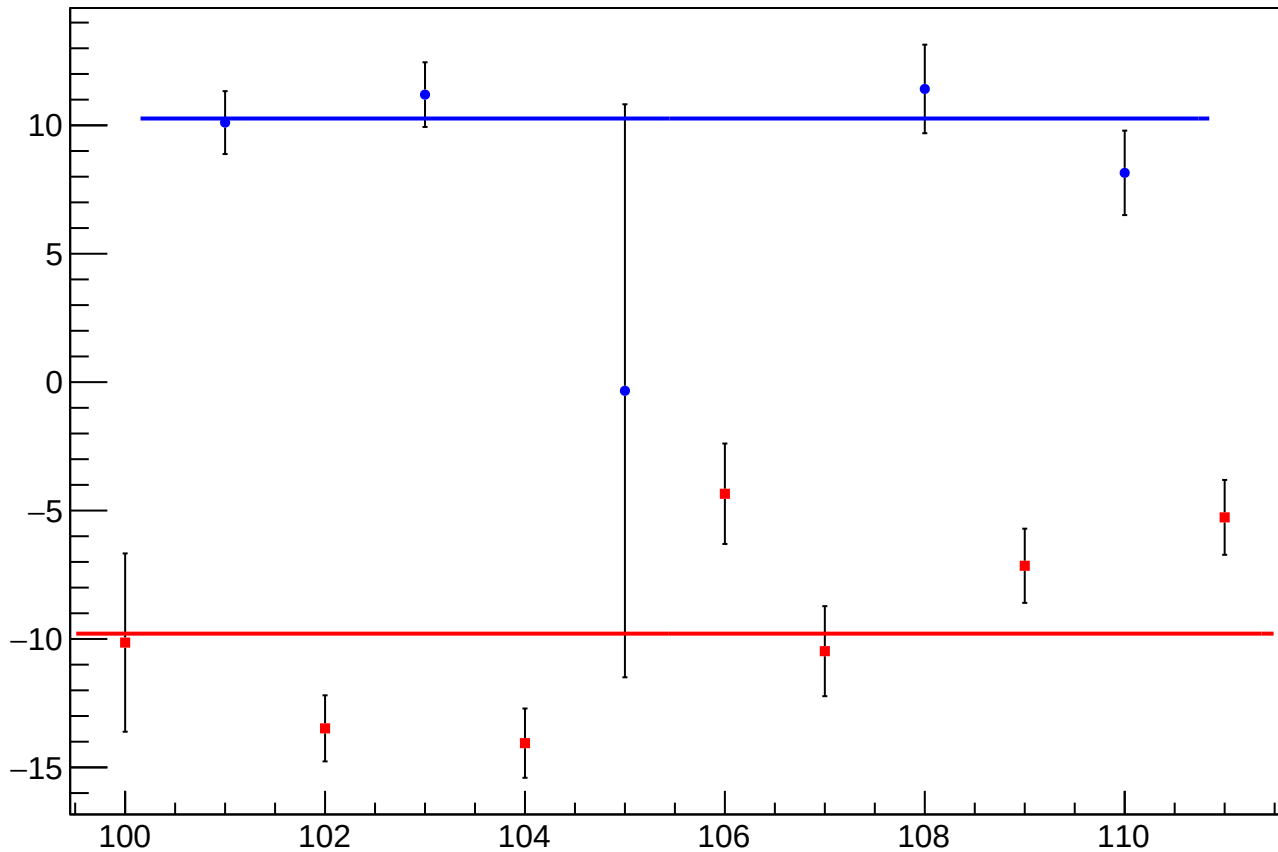
Right Out: 4574.459+/-1.998 χ^2 /NDF: 185429.7/6

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

4486.390+/-2.341 χ^2 /NDF: 110353.5/4

4574.459+/-1.998 χ^2 /NDF: 185429.7/6

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

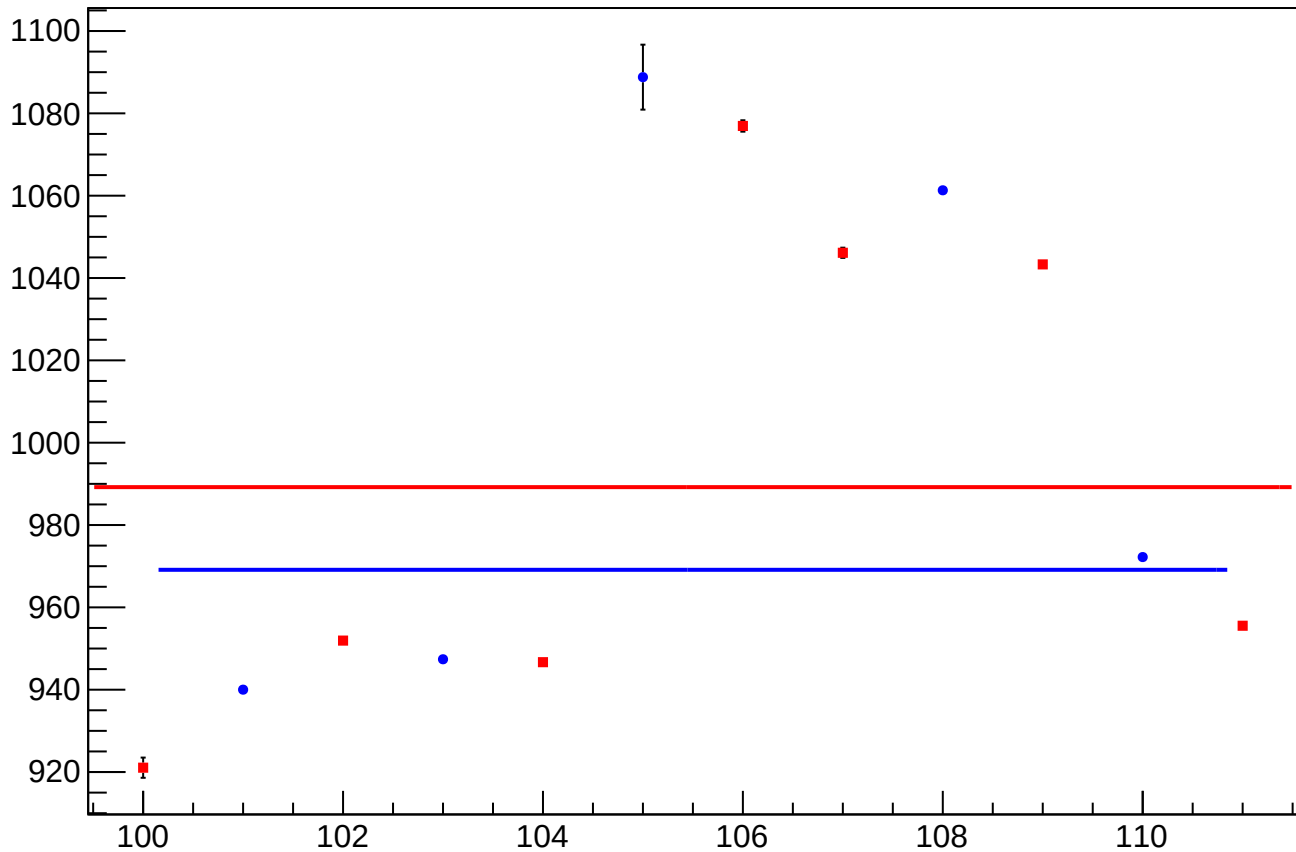
Right Out: -9.793+/-0.601 χ^2 /NDF: 39.1/6

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

10.265+/-0.705 χ^2 /NDF: 3.6/4

-9.793+/-0.601 χ^2 /NDF: 39.1/6

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

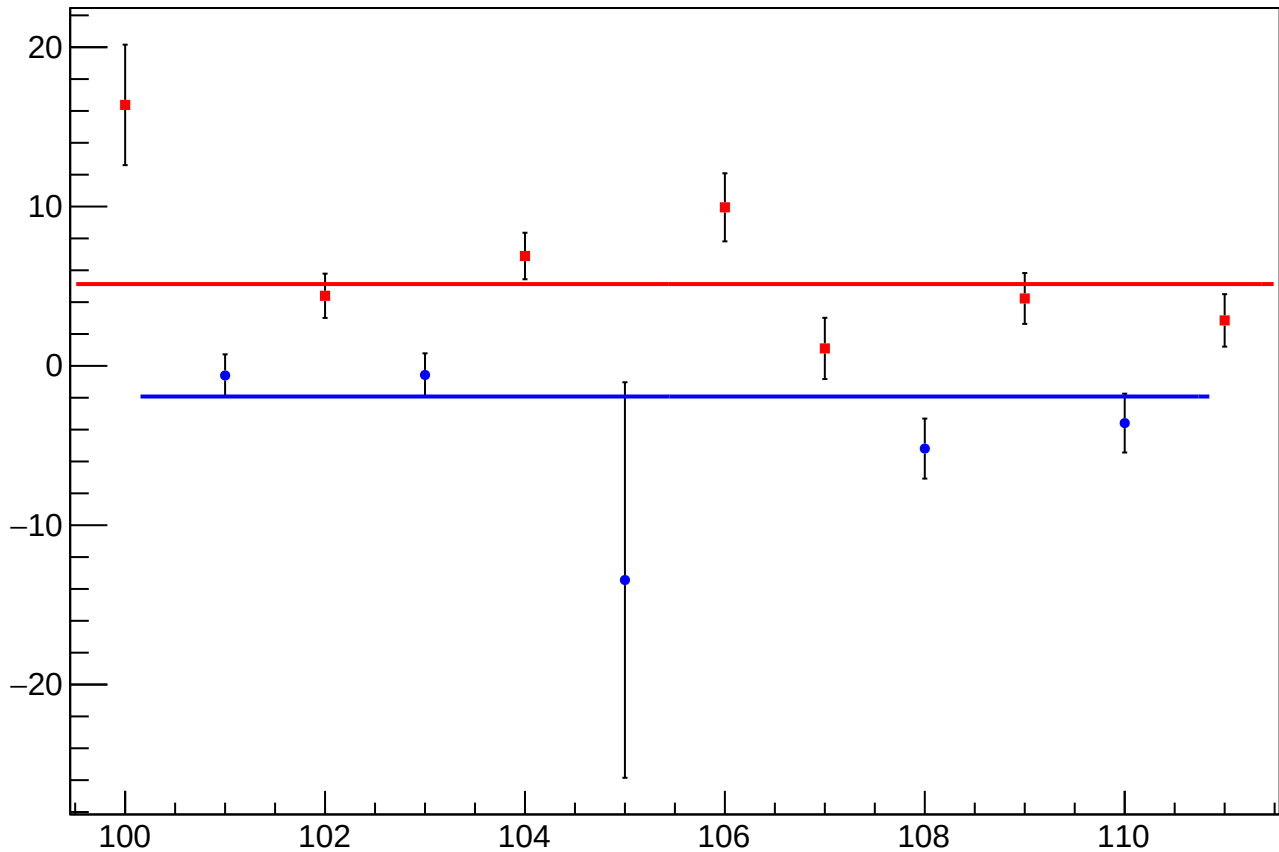
969.123 $\pm$ 0.499 χ^2 /NDF: 7679.6/4

Right Out: 989.205 $\pm$ 0.425 χ^2 /NDF: 14442.3/6

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

989.205 $\pm$ 0.425 χ^2 /NDF: 14442.3/6

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

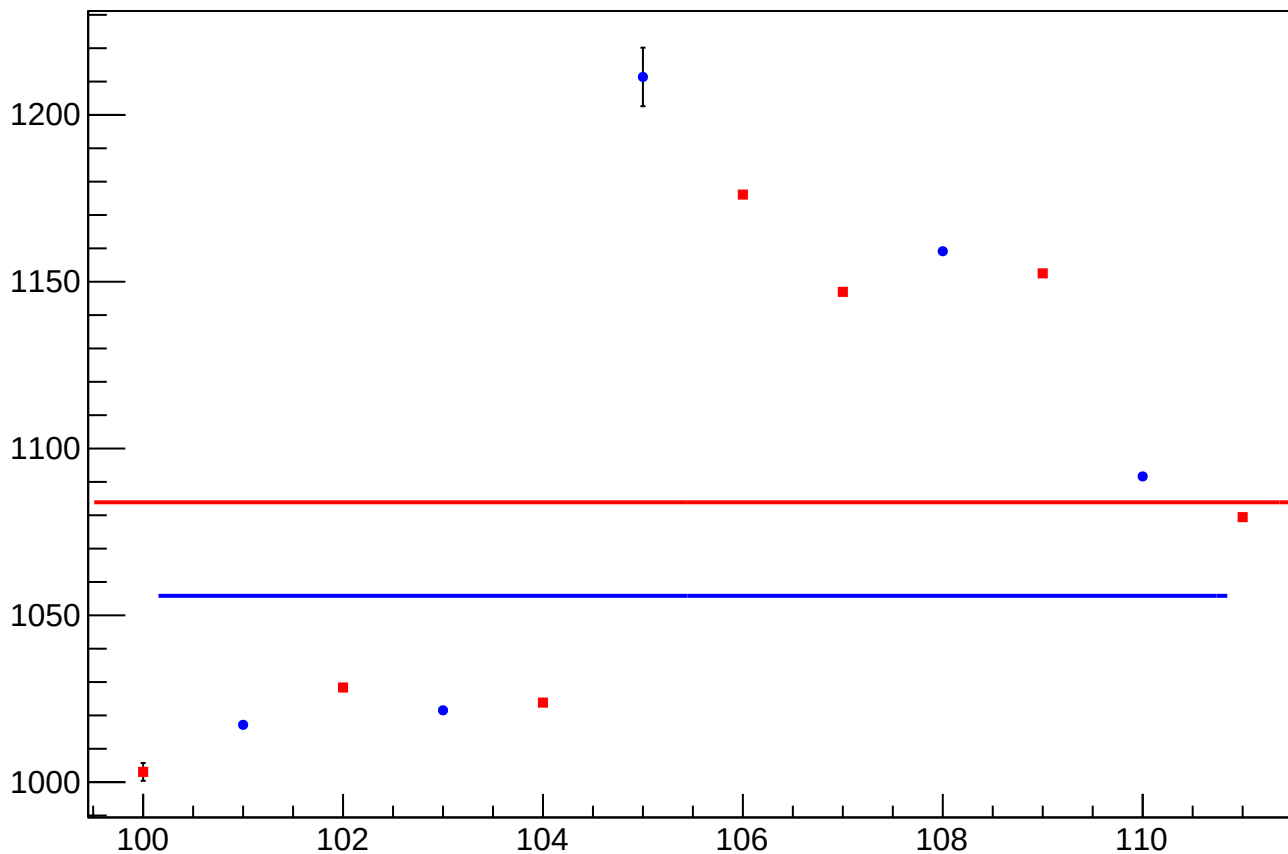
Right Out: 5.135+/-0.658 χ^2 /NDF: 22.3/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.923+/-0.768 χ^2 /NDF: 6.7/4

5.135+/-0.658 χ^2 /NDF: 22.3/6

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

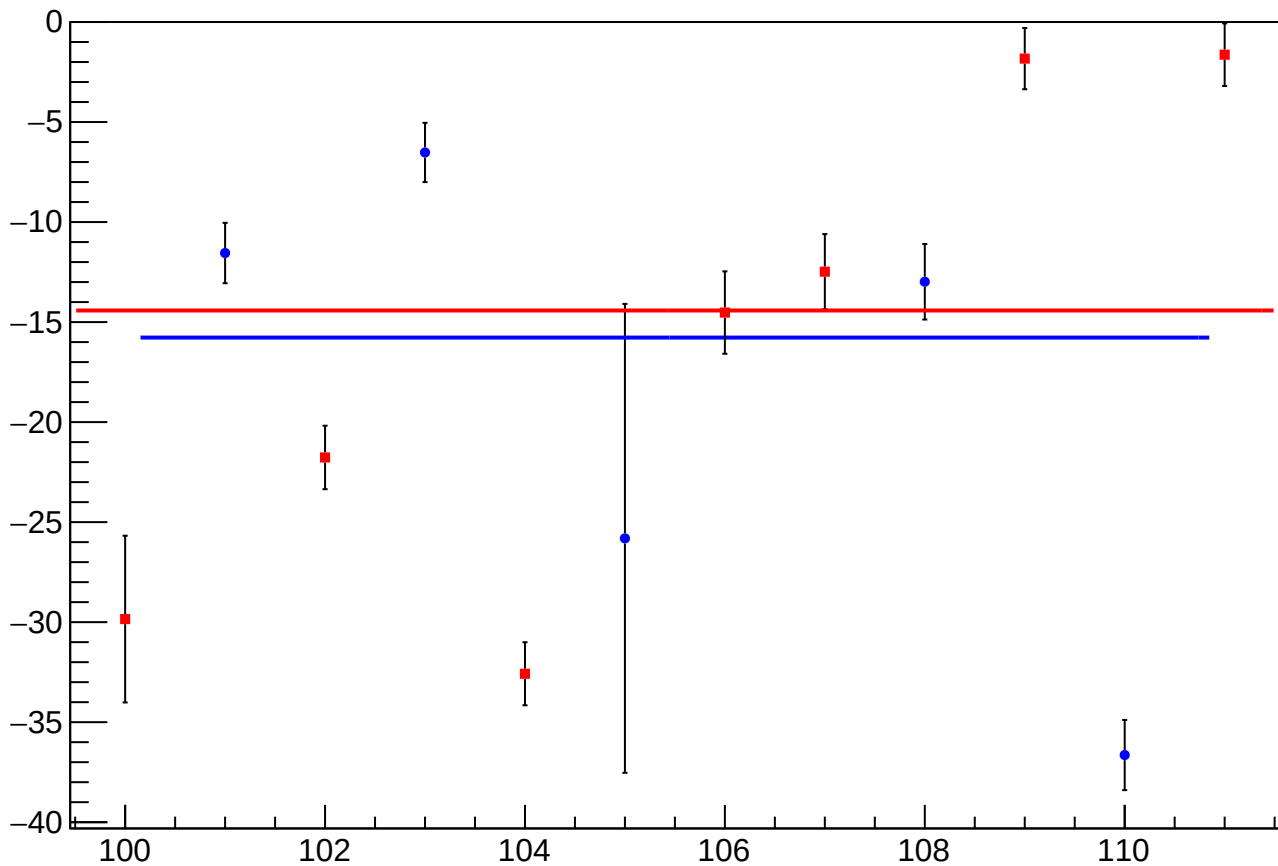
Right Out: 1083.888 $\pm$ 0.465 χ^2 /NDF: 17085.8/6

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

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

1083.888 $\pm$ 0.465 χ^2 /NDF: 17085.8/6

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

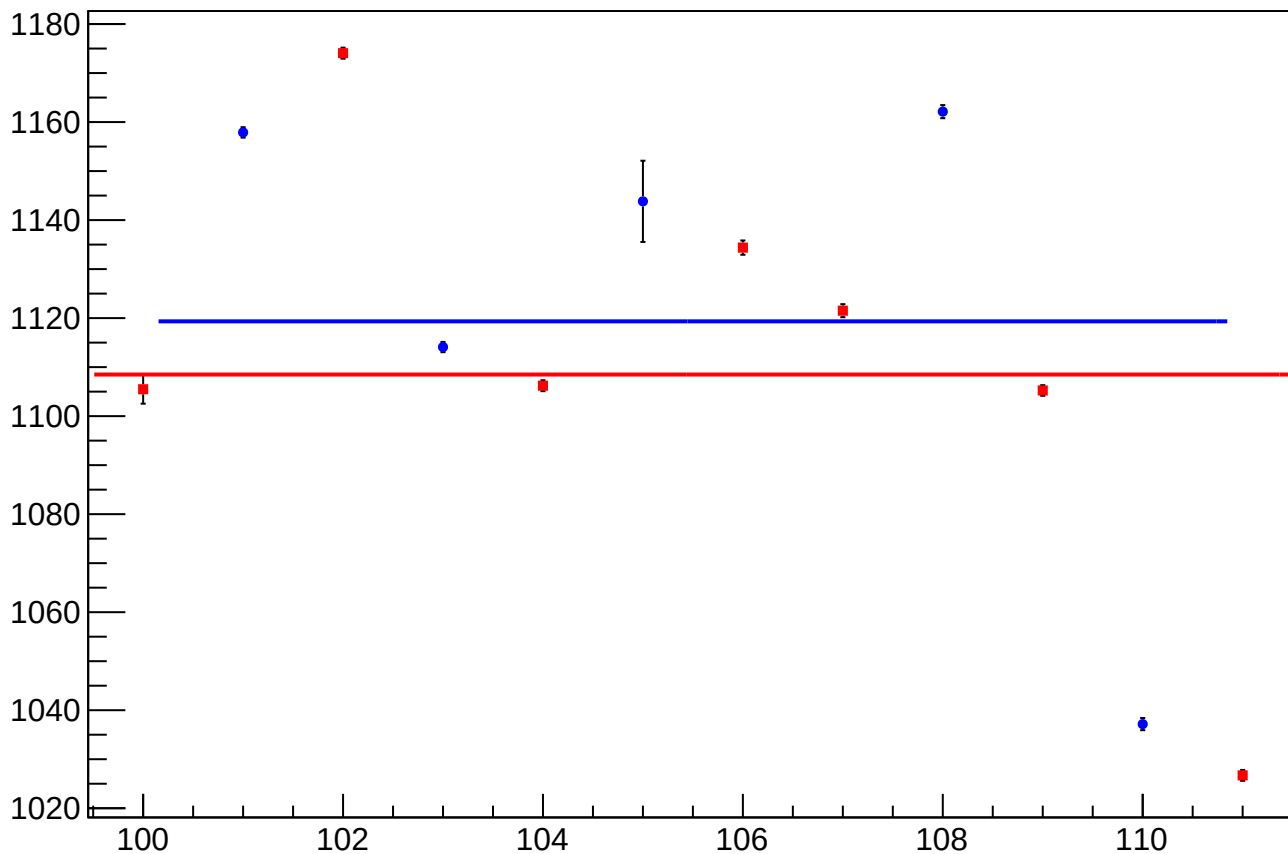
-15.774+/-0.814 χ^2/NDF : 191.4/4

Right Out: -14.420+/-0.673 χ^2/NDF : 303.2/6

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

-14.420+/-0.673 χ^2/NDF : 303.2/6

diff_bpm2i02X_rms vs slug



Right In: 1119.341+/-0.576 χ^2 /NDF: 6757.1/4

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

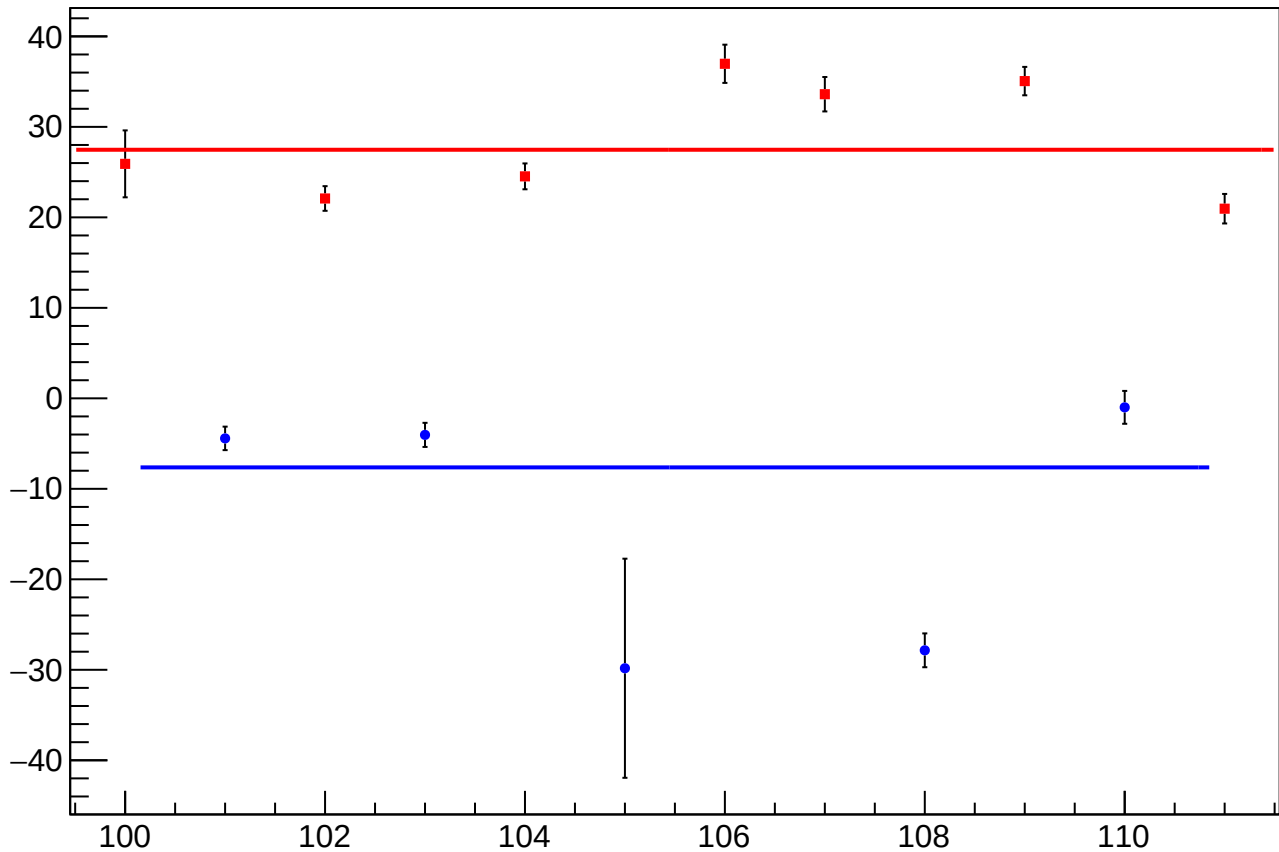
Right Out: 1108.487+/-0.476 χ^2 /NDF: 9293.3/6

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

1119.341+/-0.576 χ^2 /NDF: 6757.1/4

1108.487+/-0.476 χ^2 /NDF: 9293.3/6

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

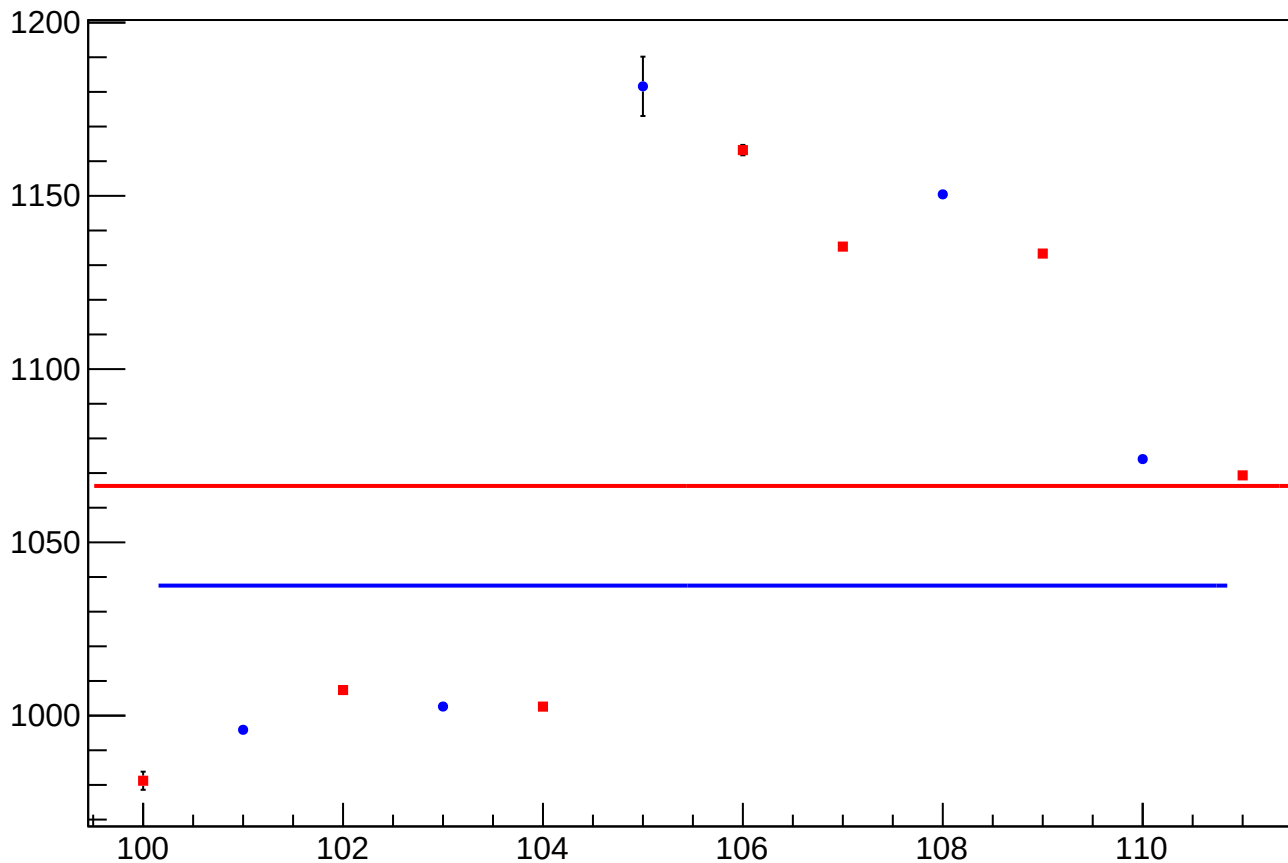
Right Out: 27.471+/-0.648 χ^2 /NDF: 90.0/6

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

-7.631+/-0.755 χ^2 /NDF: 147.1/4

27.471+/-0.648 χ^2 /NDF: 90.0/6

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

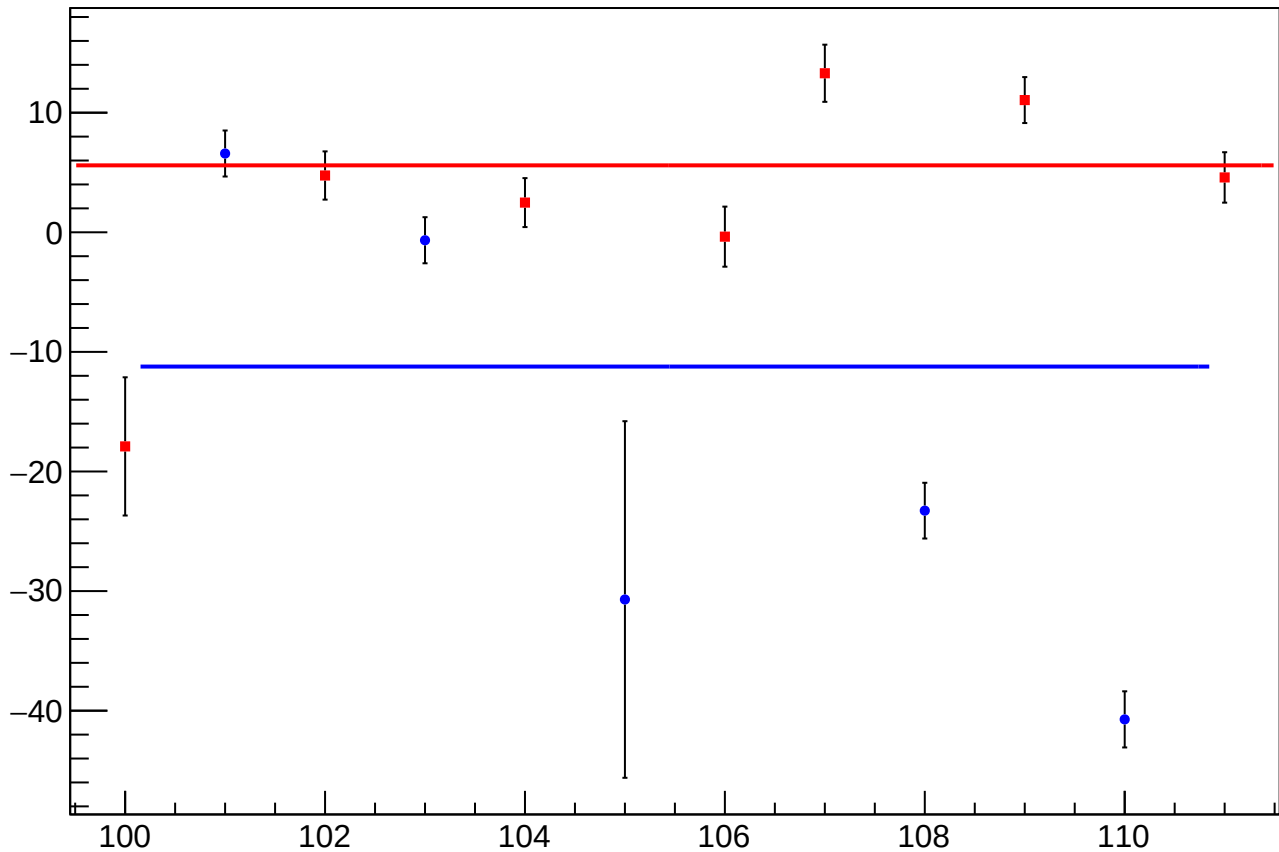
Right Out: 1066.282 $\pm$ 0.458 χ^2 /NDF: 19280.3/6

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

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

1066.282 $\pm$ 0.458 χ^2 /NDF: 19280.3/6

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

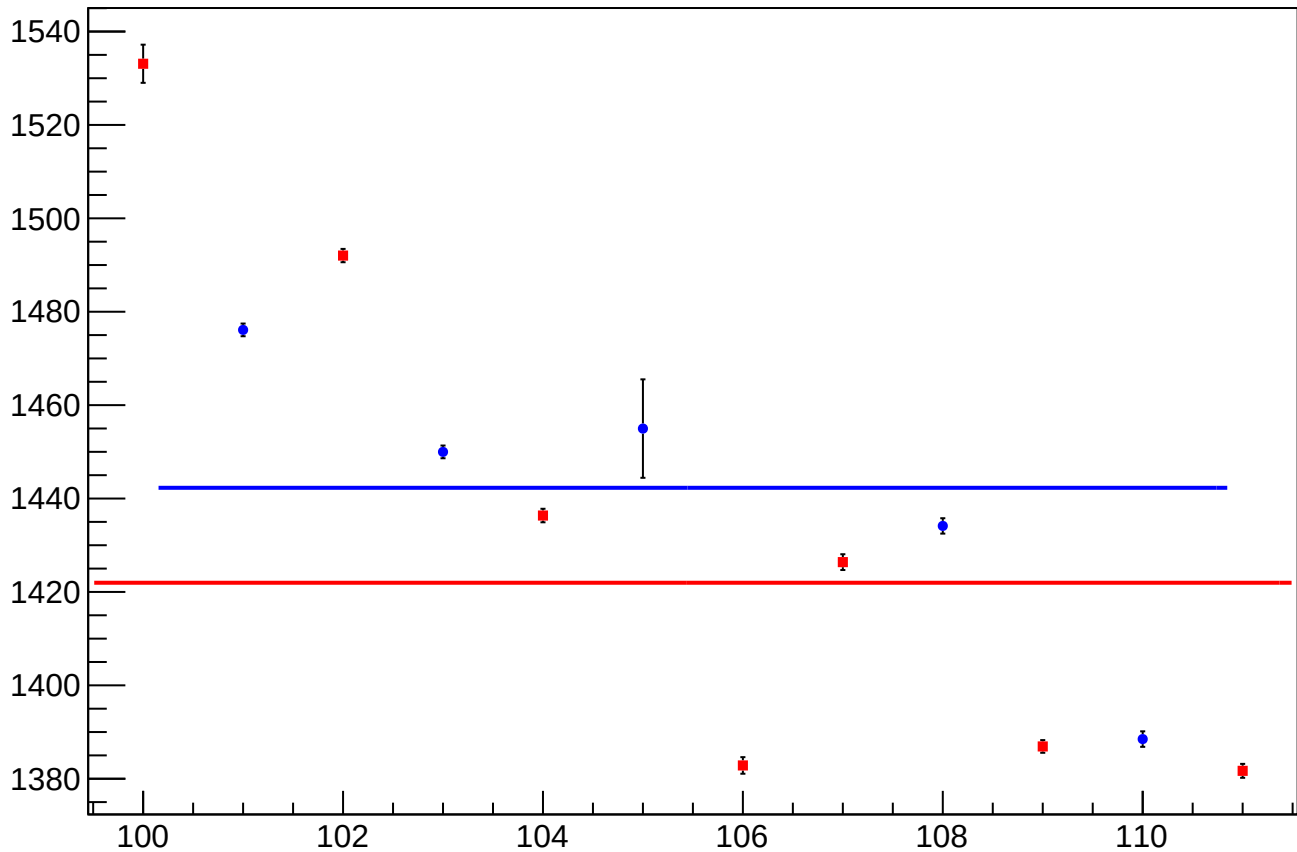
Right Out: 5.596+/-0.863 χ^2/NDF : 43.4/6

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

-11.227+/-1.049 χ^2/NDF : 302.1/4

5.596+/-0.863 χ^2/NDF : 43.4/6

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

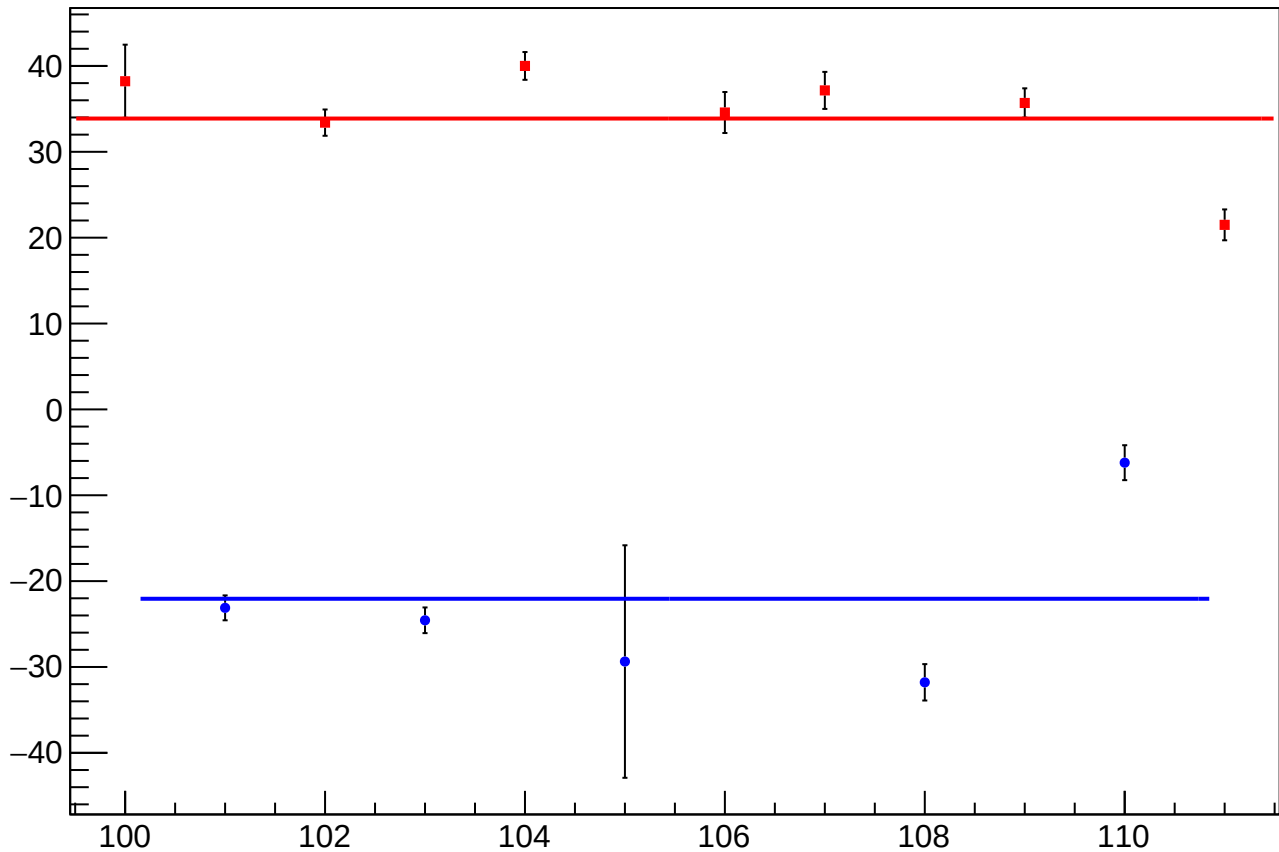
Right Out: 1421.968+/-0.610 χ^2 /NDF: 5139.9/6

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

1442.300+/-0.741 χ^2 /NDF: 1726.3/4

1421.968+/-0.610 χ^2 /NDF: 5139.9/6

diff_bpm0i02Y_mean vs slug



Right In: -22.056 ± 0.847 $\chi^2/\text{NDF}: 85.4/4$

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

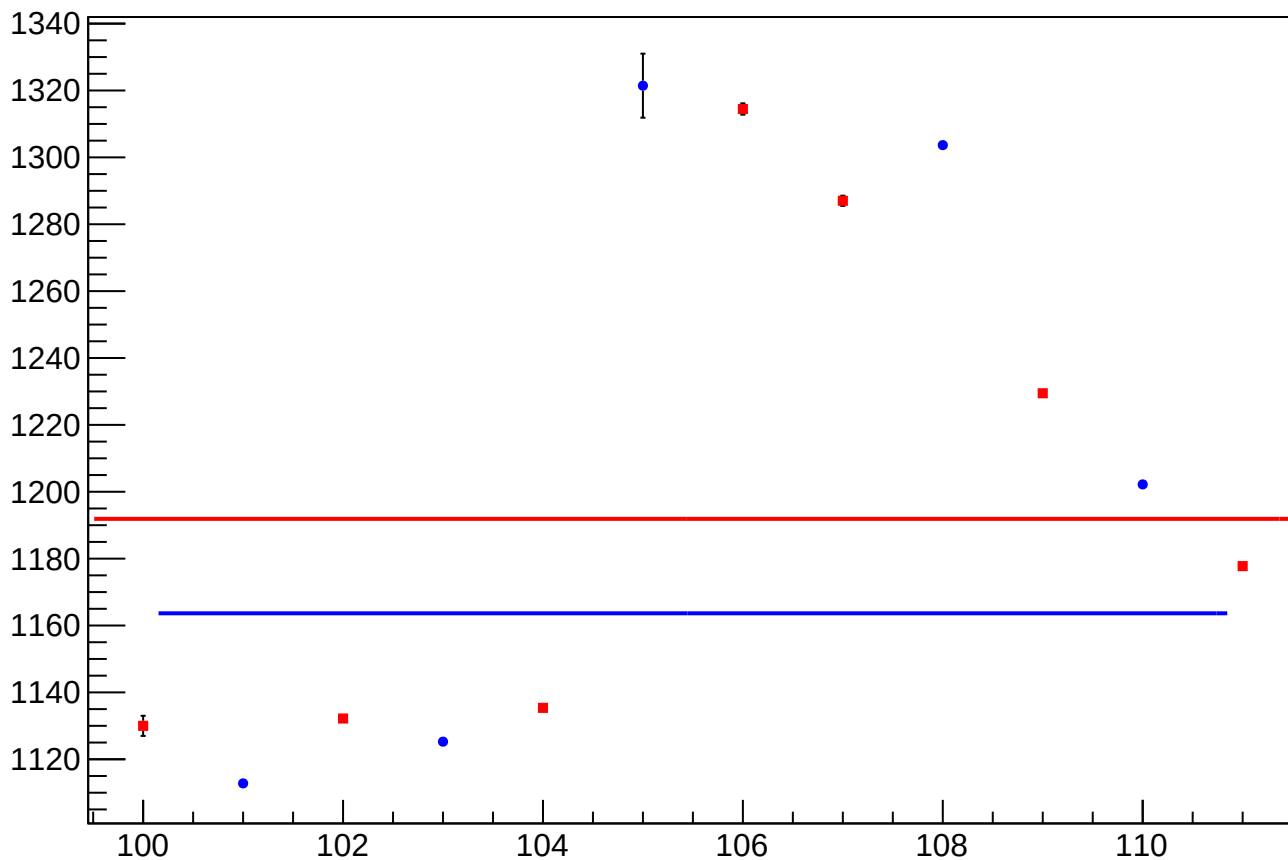
Right Out: 33.875 ± 0.724 $\chi^2/\text{NDF}: 66.4/6$

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

-22.056 ± 0.847 $\chi^2/\text{NDF}: 85.4/4$

33.875 ± 0.724 $\chi^2/\text{NDF}: 66.4/6$

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

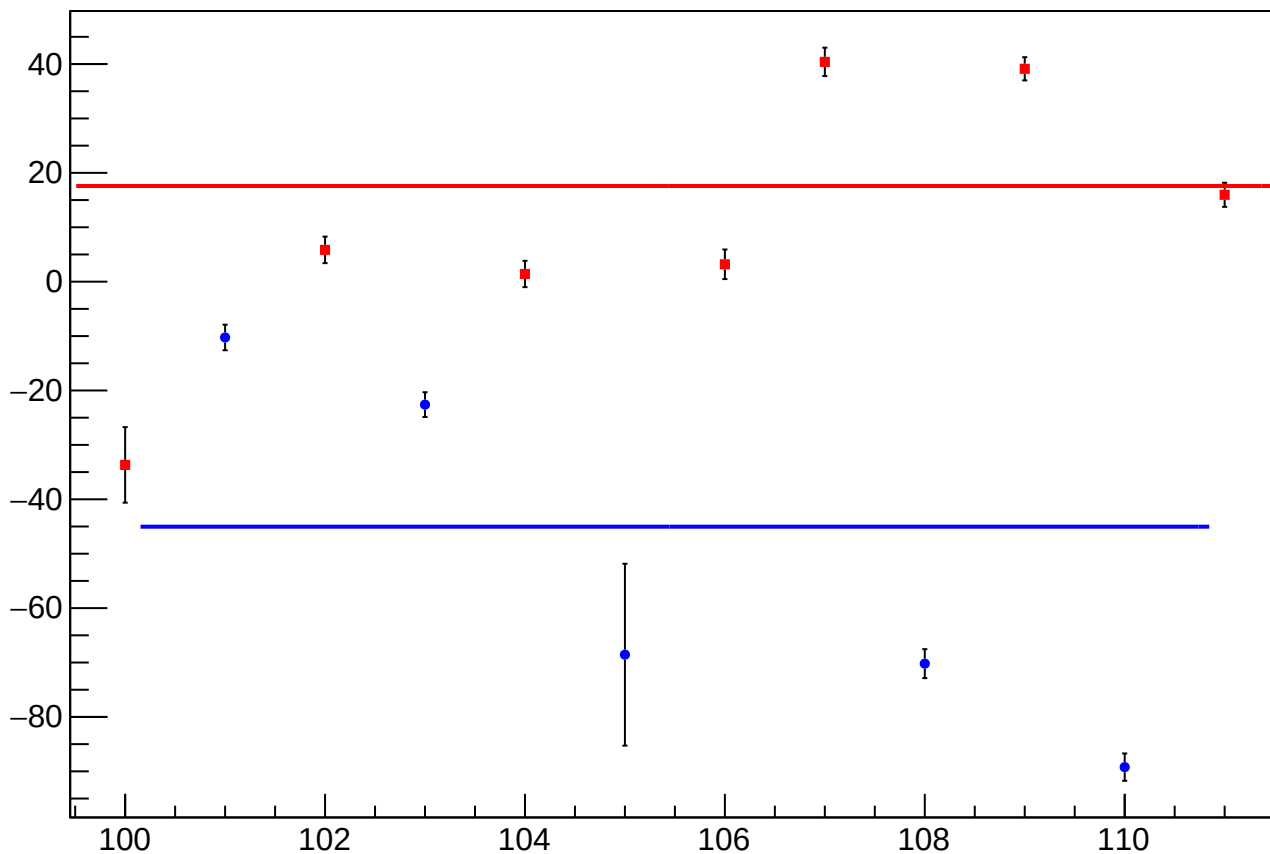
Right Out: 1191.896+/-0.512 χ^2/NDF : 16165.7/6

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

1163.651+/-0.599 χ^2/NDF : 13498.9/4

1191.896+/-0.512 χ^2/NDF : 16165.7/6

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

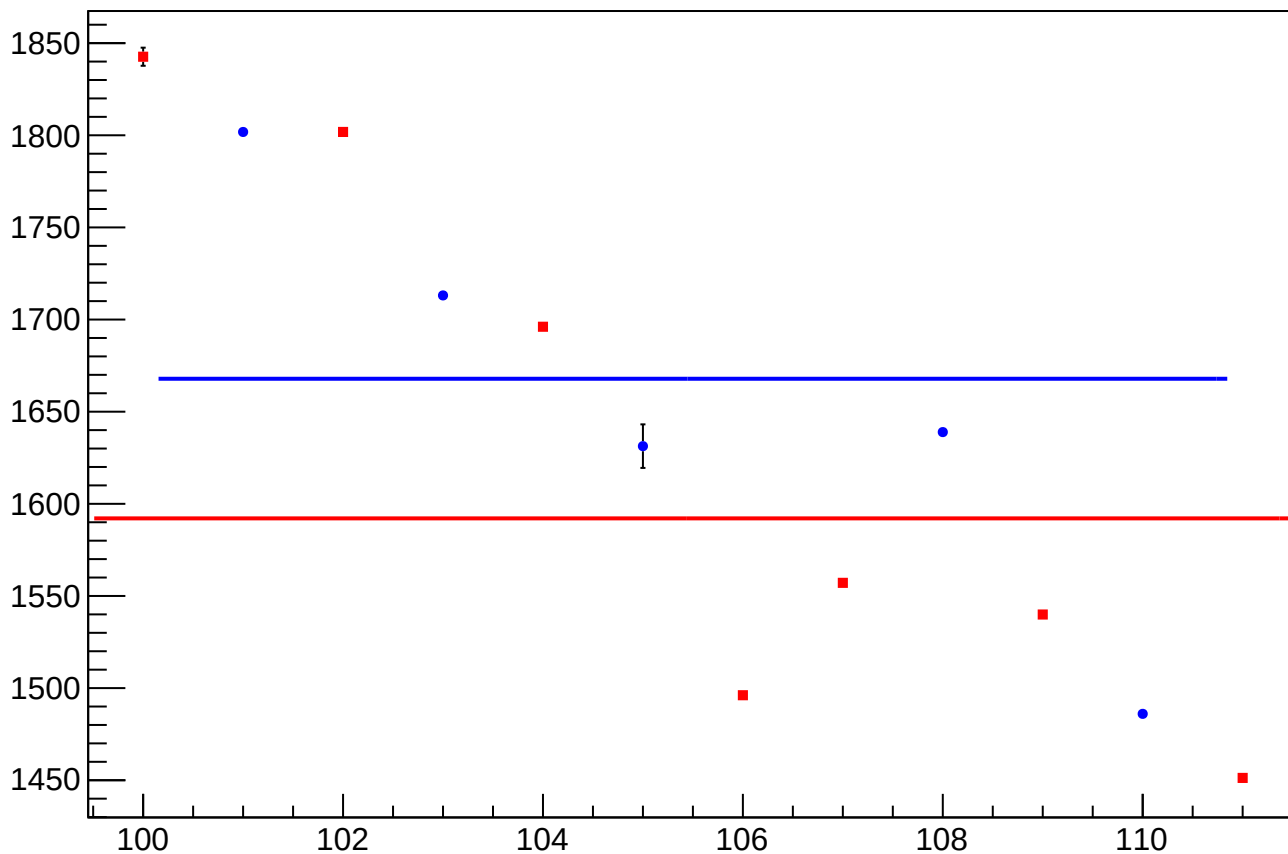
Right Out: 17.586+/-0.968 χ^2/NDF : 329.4/6

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

-45.031+/-1.215 χ^2/NDF : 717.0/4

17.586+/-0.968 χ^2/NDF : 329.4/6

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

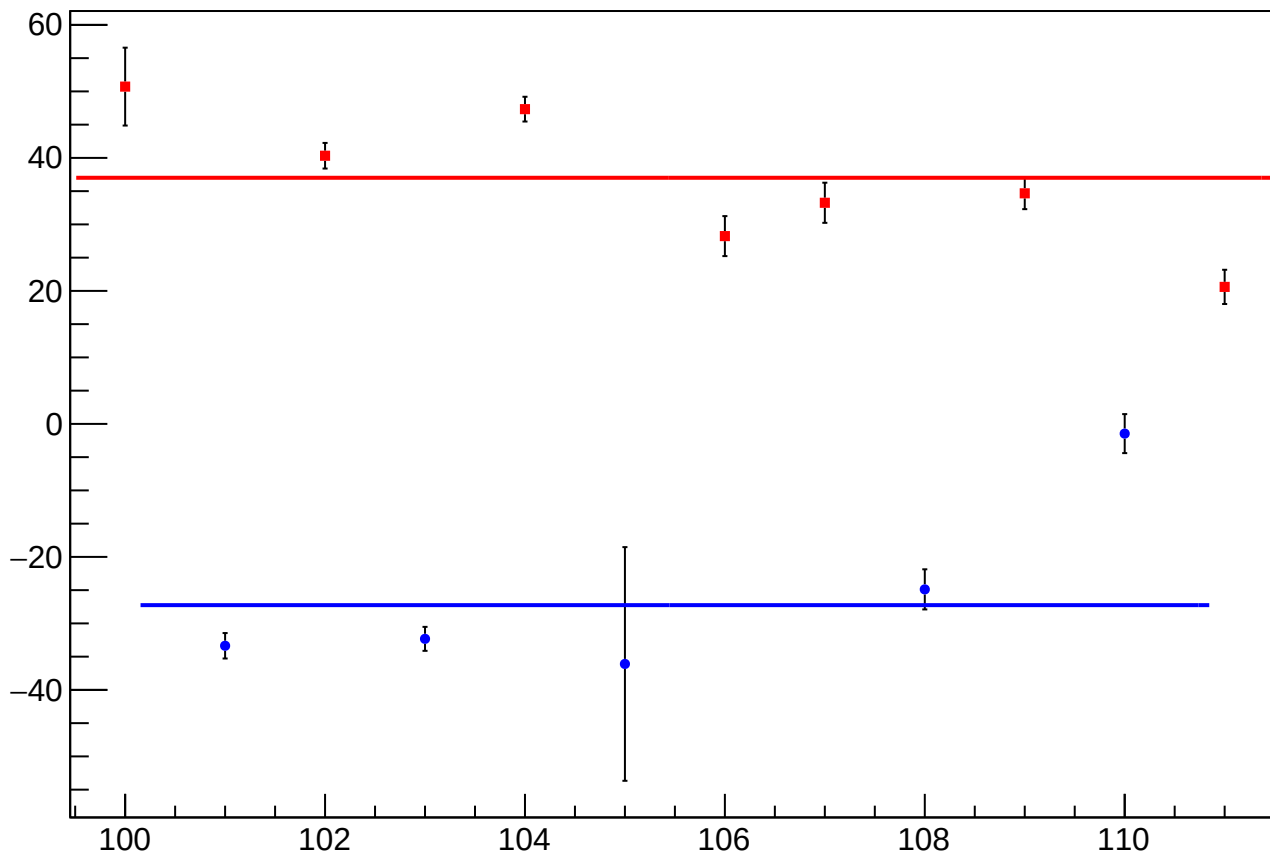
Right Out: 1592.101+/-0.685 χ^2/NDF : 33268.5/6

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

1667.871+/-0.859 χ^2/NDF : 18015.0/4

1592.101+/-0.685 χ^2/NDF : 33268.5/6

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

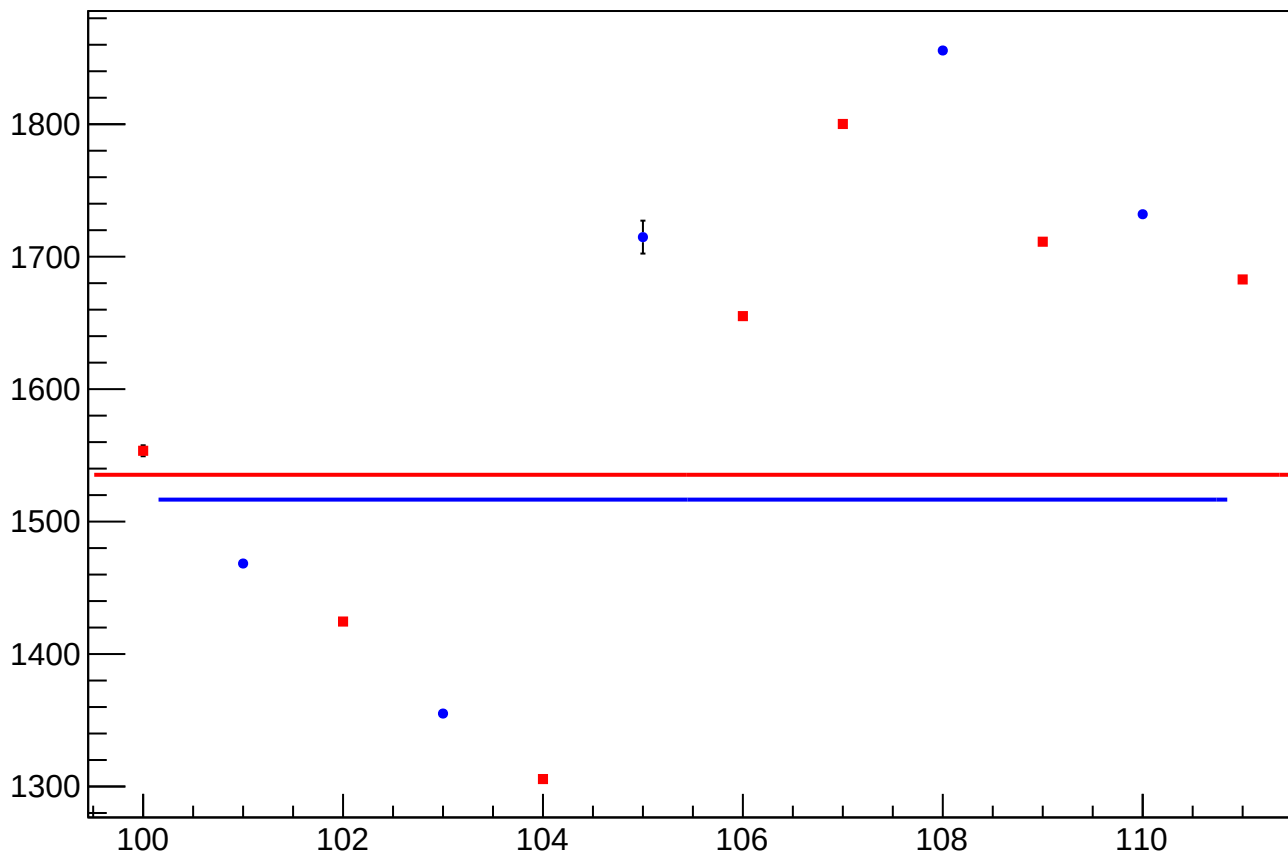
Right Out: 37.012+/-0.939 χ^2/NDF : 90.9/6

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

-27.254+/-1.111 χ^2/NDF : 96.3/4

37.012+/-0.939 χ^2/NDF : 90.9/6

diff_bpm0i02aY_rms vs slug



Right In: 1516.592 $\pm$ 0.785 χ^2 /NDF: 53650.1/4

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

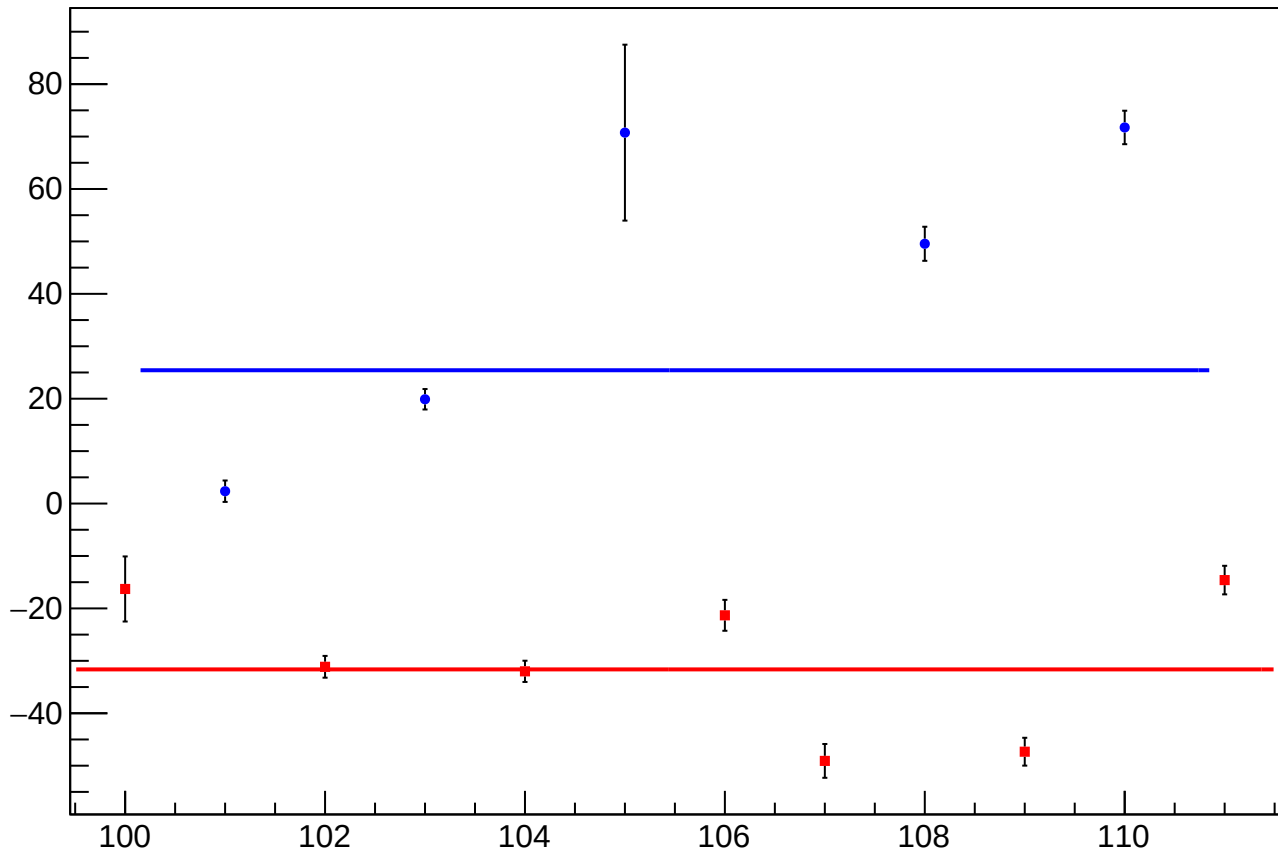
Right Out: 1535.335 $\pm$ 0.664 χ^2 /NDF: 73181.5/6

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

1516.592 $\pm$ 0.785 χ^2 /NDF: 53650.1/4

1535.335 $\pm$ 0.664 χ^2 /NDF: 73181.5/6

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

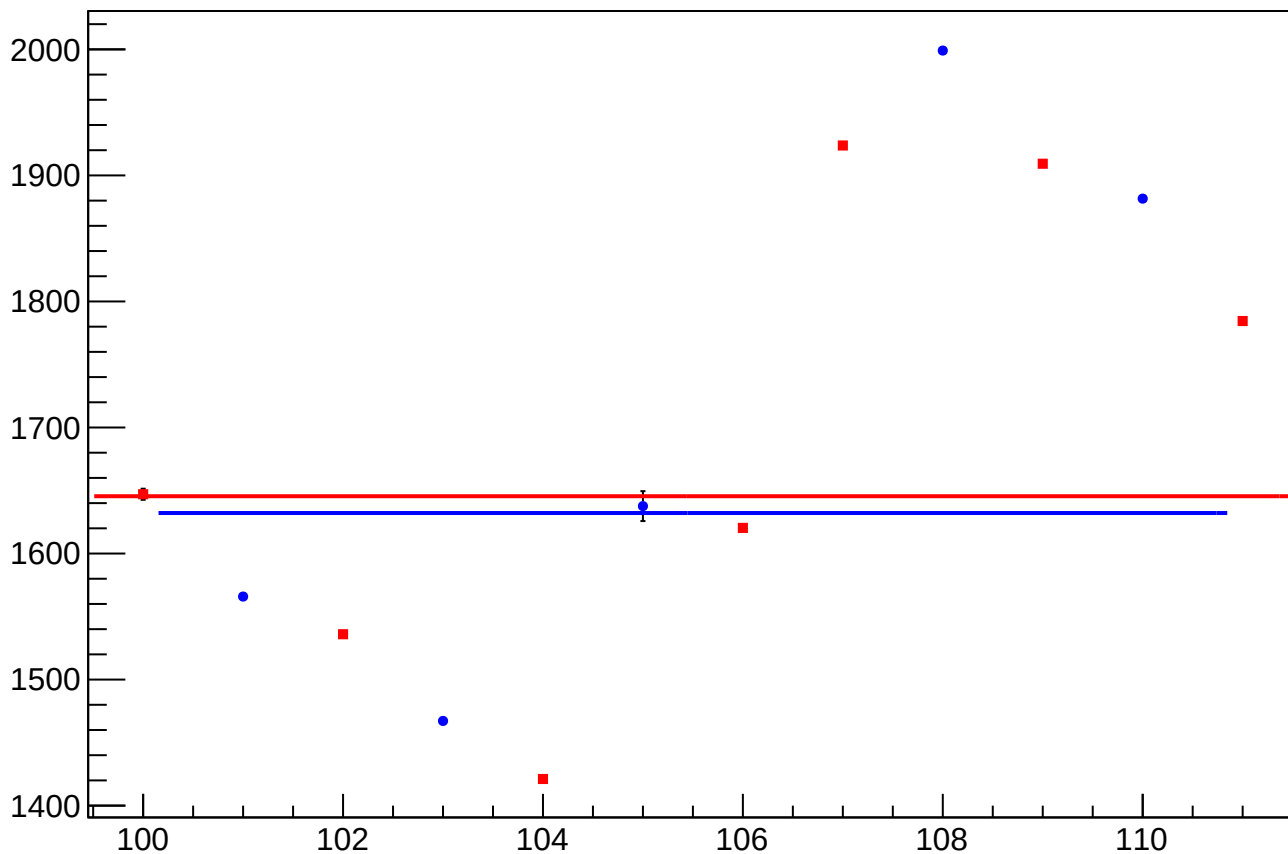
25.427+/-1.196 χ^2 /NDF: 408.6/4

Right Out: -31.634+/-1.005 χ^2 /NDF: 121.8/6

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

-31.634+/-1.005 χ^2 /NDF: 121.8/6

diff_bpm0i05X_rms vs slug



Right In: 1632.149+/-0.846 χ^2/NDF : 54112.8/4

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

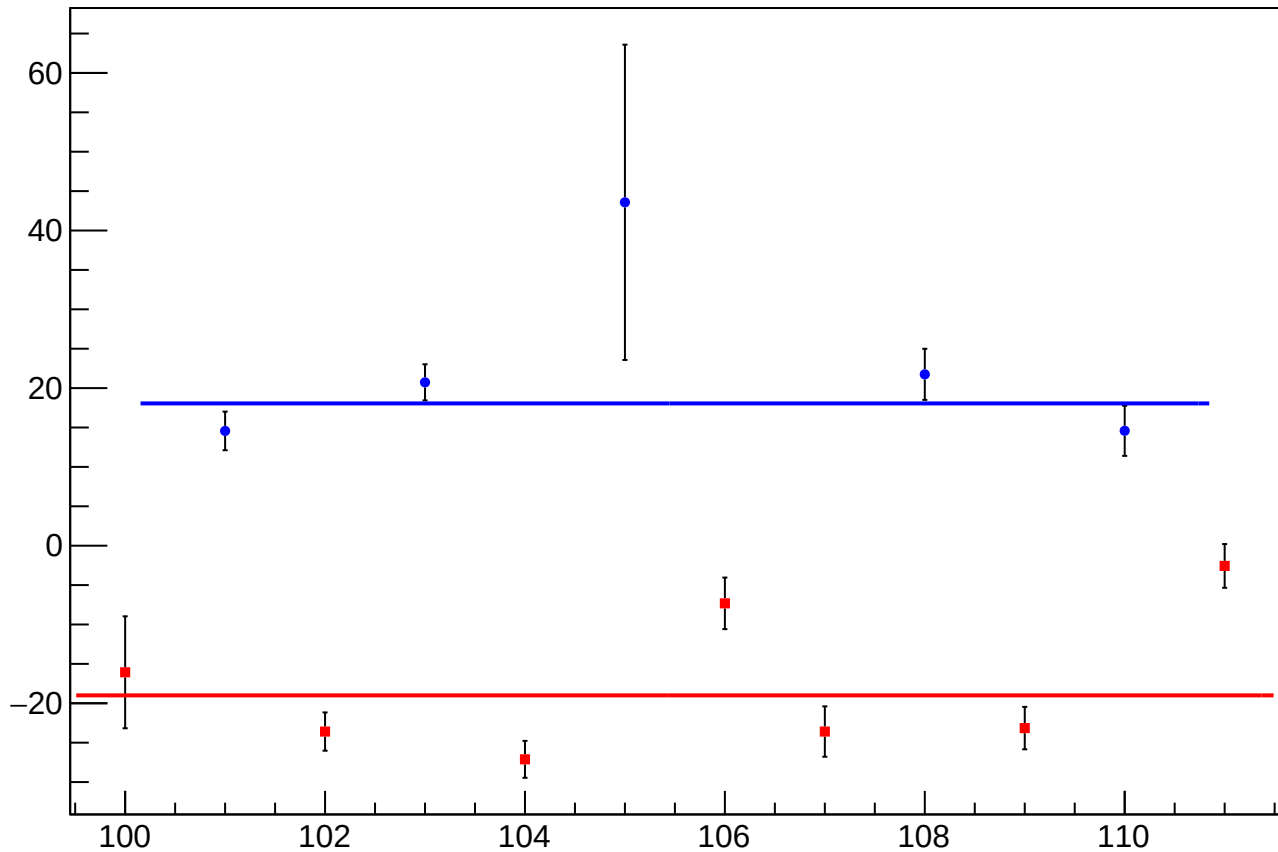
Right Out: 1645.478+/-0.711 χ^2/NDF : 70077.3/6

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

1632.149+/-0.846 χ^2/NDF : 54112.8/4

1645.478+/-0.711 χ^2/NDF : 70077.3/6

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

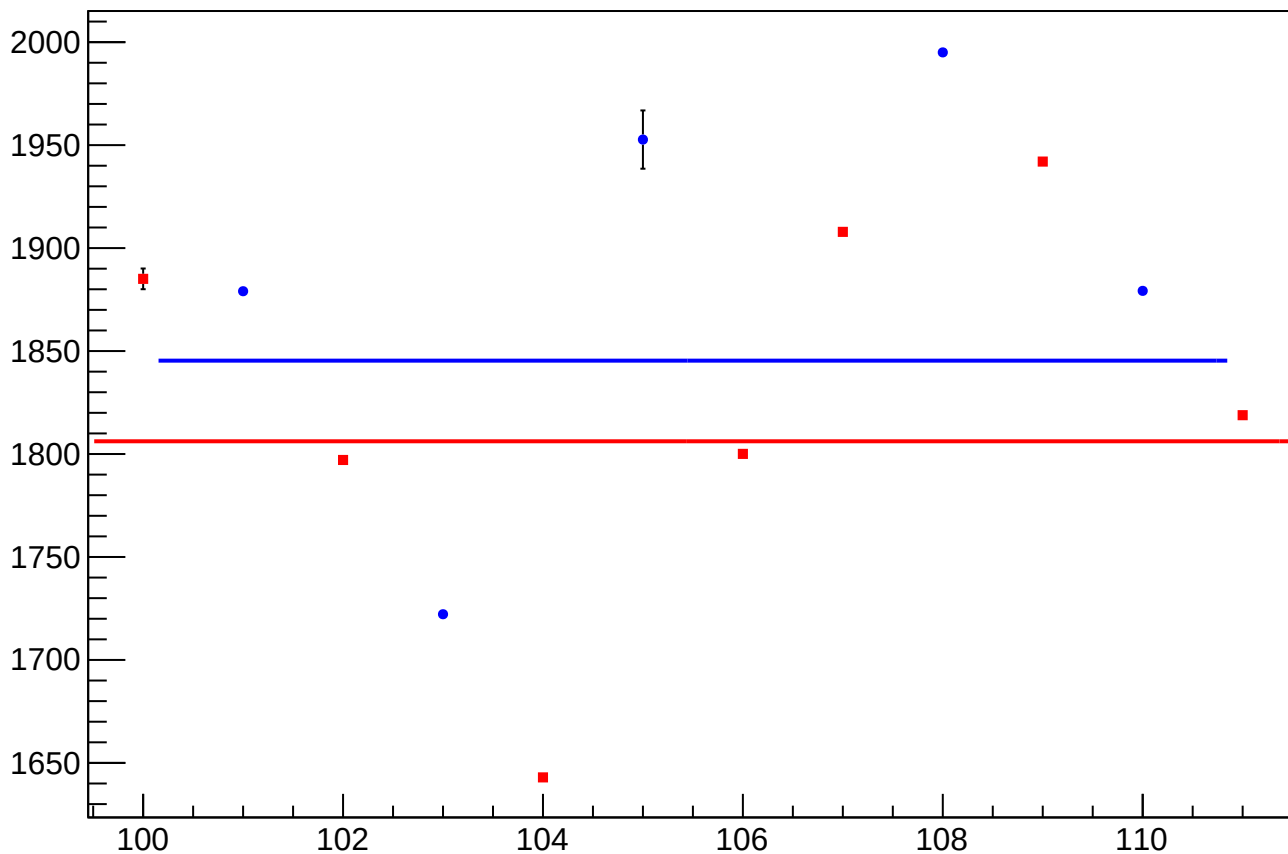
Right Out: -18.996+/-1.098 χ^2 /NDF: 68.0/6

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

18.057+/-1.344 χ^2 /NDF: 7.5/4

-18.996+/-1.098 χ^2 /NDF: 68.0/6

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

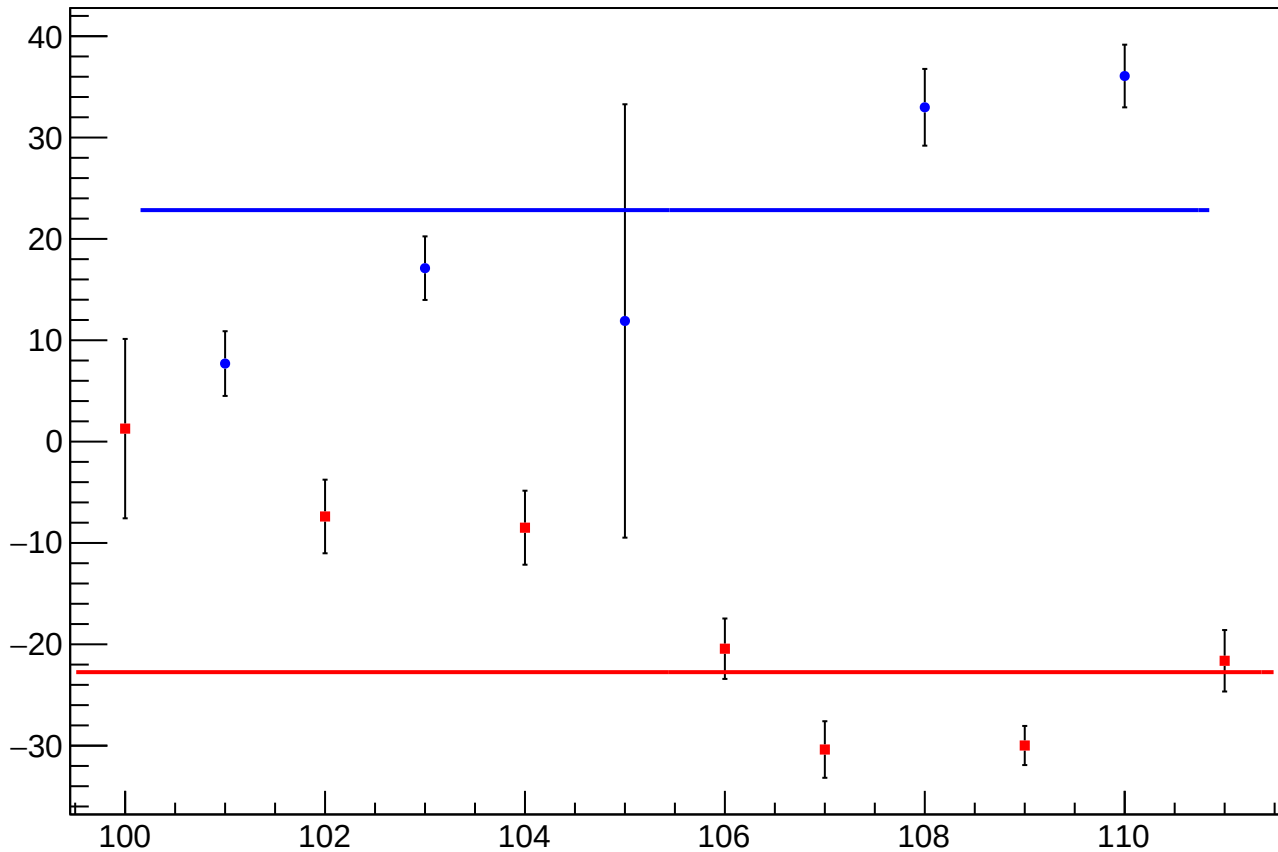
Right Out: 1806.182 $\pm$ 0.776 χ^2 /NDF: 17141.6/6

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

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

1806.182 $\pm$ 0.776 χ^2 /NDF: 17141.6/6

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

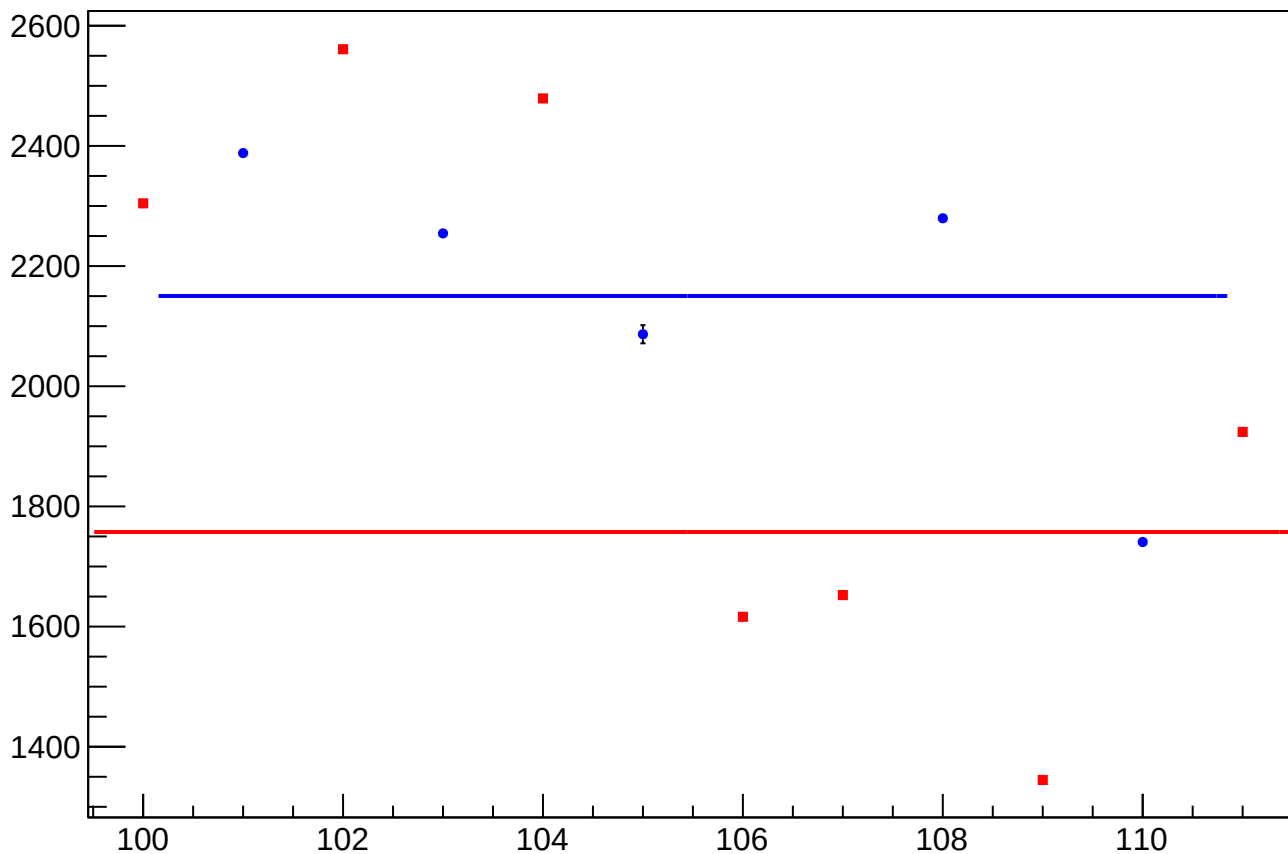
22.840+/-1.630 χ^2/NDF : 51.6/4

Right Out: -22.746+/-1.131 χ^2/NDF : 62.8/6

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

-22.746+/-1.131 χ^2/NDF : 62.8/6

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

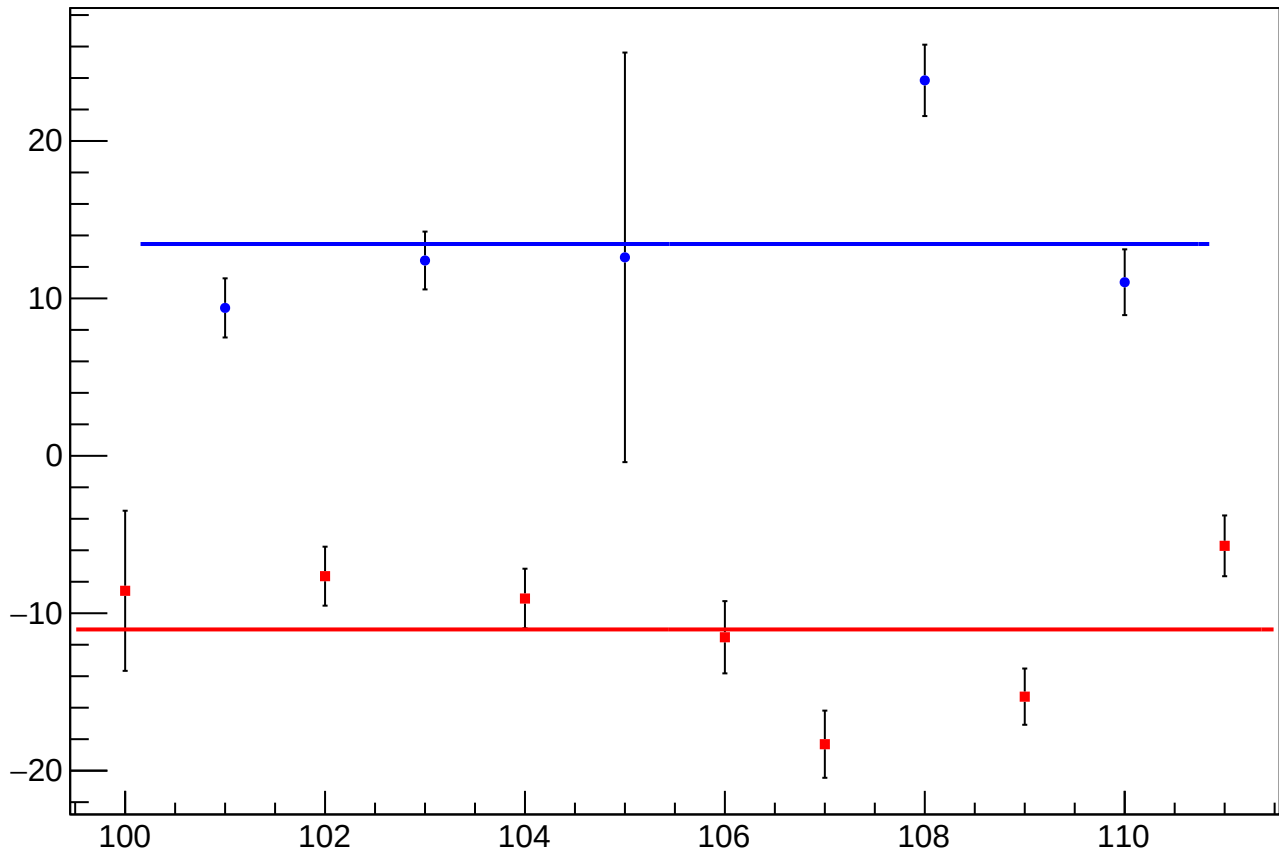
Right Out: 1757.397+/-0.800 χ^2/NDF : 288517.3/6

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

2150.230+/-1.153 χ^2/NDF : 50711.0/4

1757.397+/-0.800 χ^2/NDF : 288517.3/6

diff_bpm0i07Y_mean vs slug



Right In: 13.456 $\pm$ 0.995 χ^2 /NDF: 27.4/4

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

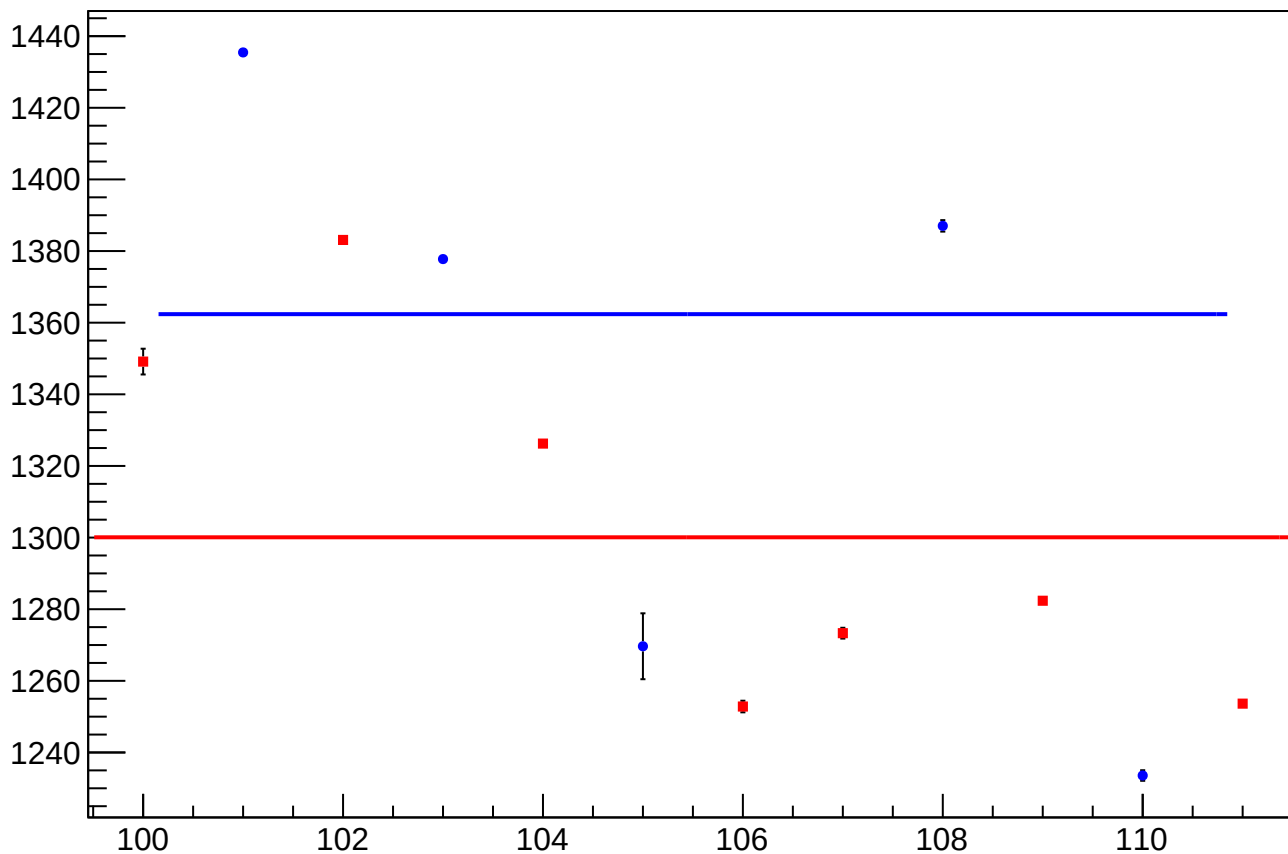
Right Out: -11.029 $\pm$ 0.792 χ^2 /NDF: 29.6/6

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

13.456 $\pm$ 0.995 χ^2 /NDF: 27.4/4

-11.029 $\pm$ 0.792 χ^2 /NDF: 29.6/6

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

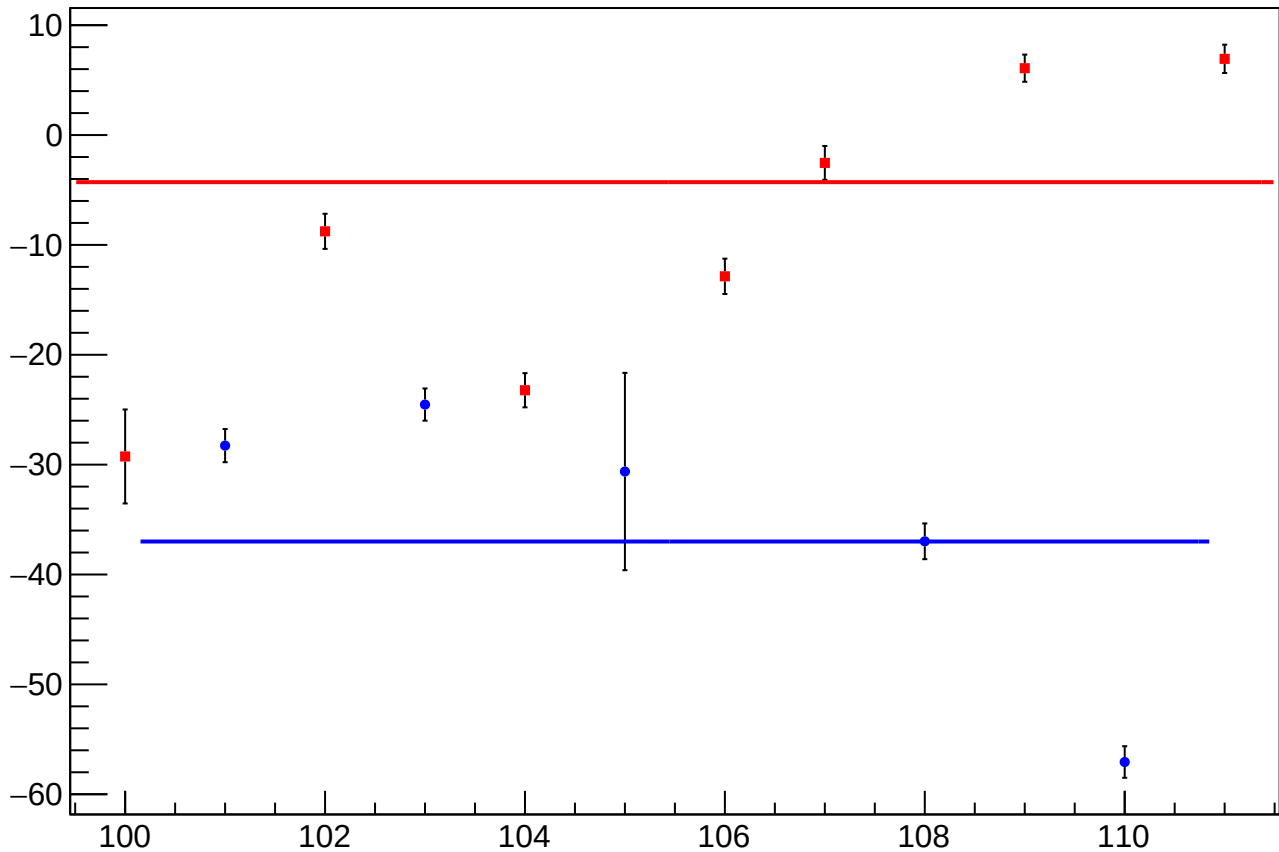
Right Out: 1300.076+/-0.560 χ^2/NDF : 7014.1/6

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

1362.380+/-0.704 χ^2/NDF : 11107.6/4

1300.076+/-0.560 χ^2/NDF : 7014.1/6

diff_bpm1i02X_mean vs slug



Right In: -36.997 ± 0.750 χ^2/NDF : 300.9/4

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

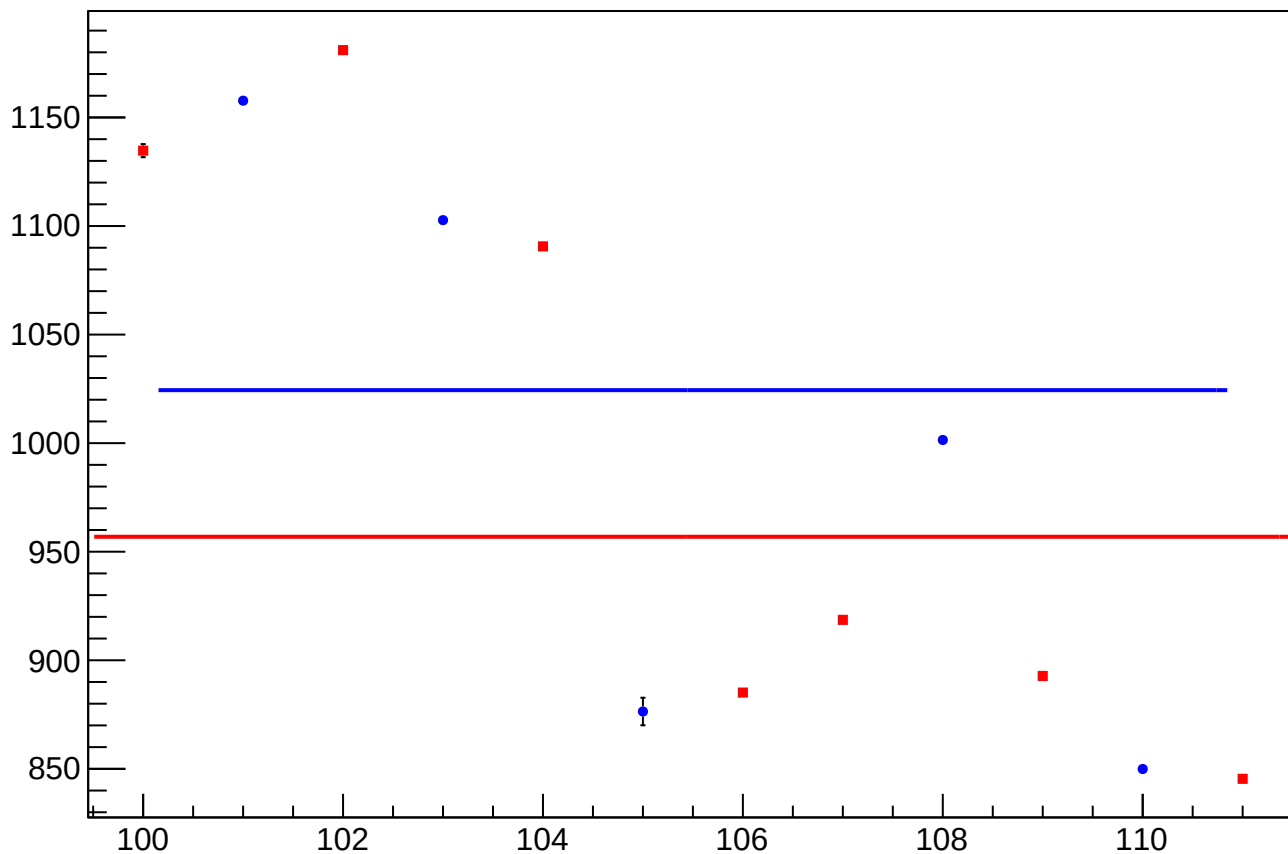
Right Out: -4.288 ± 0.585 χ^2/NDF : 365.8/6

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

-36.997 ± 0.750 χ^2/NDF : 300.9/4

-4.288 ± 0.585 χ^2/NDF : 365.8/6

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

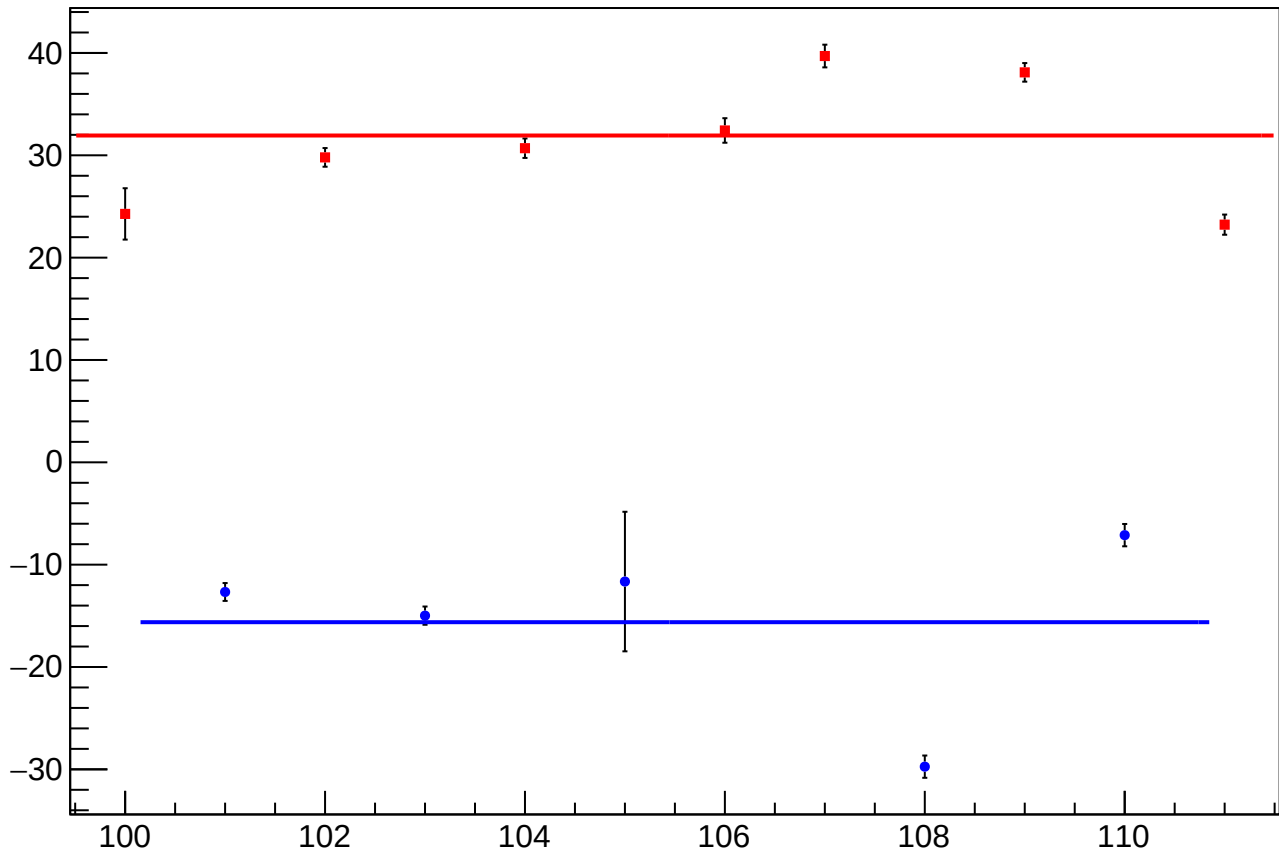
Right Out: 956.890+/-0.414 χ^2/NDF : 83119.1/6

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

1024.400+/-0.530 χ^2/NDF : 51689.1/4

956.890+/-0.414 χ^2/NDF : 83119.1/6

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

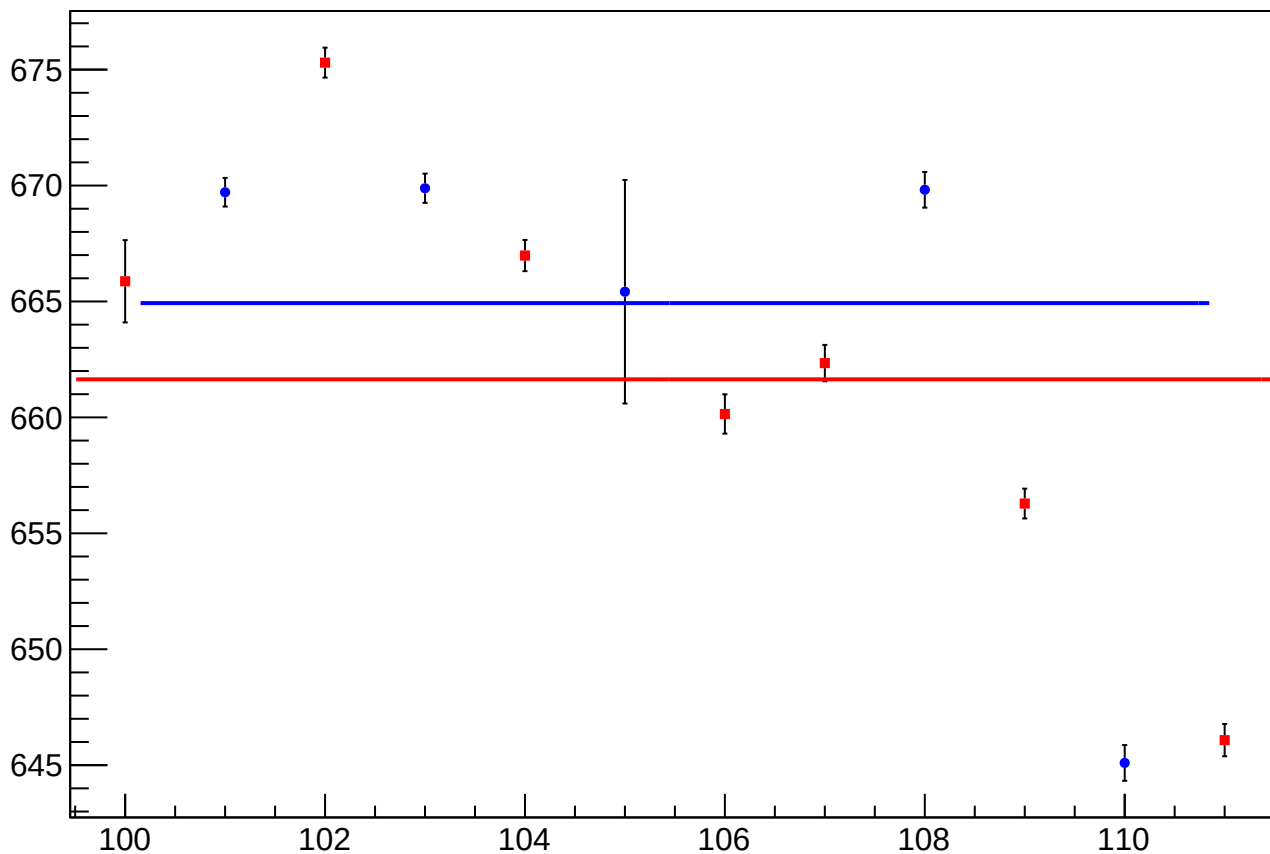
Right Out: 31.934 ± 0.401 χ^2/NDF : 189.9/6

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

-15.621 ± 0.483 χ^2/NDF : 241.4/4

31.934 ± 0.401 χ^2/NDF : 189.9/6

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

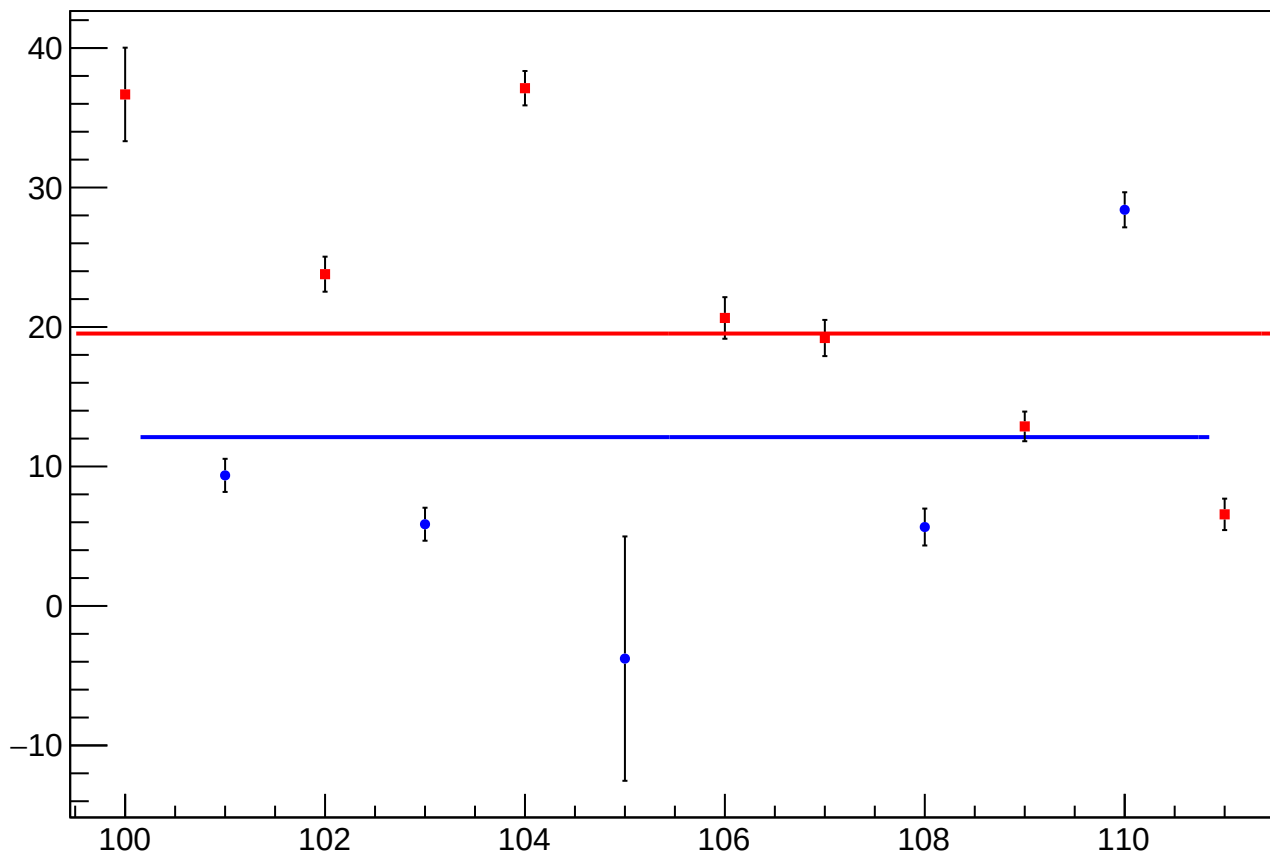
Right Out: 661.641 $\pm$ 0.284 χ^2 /NDF: 1088.9/6

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

664.929 $\pm$ 0.342 χ^2 /NDF: 823.6/4

661.641 $\pm$ 0.284 χ^2 /NDF: 1088.9/6

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

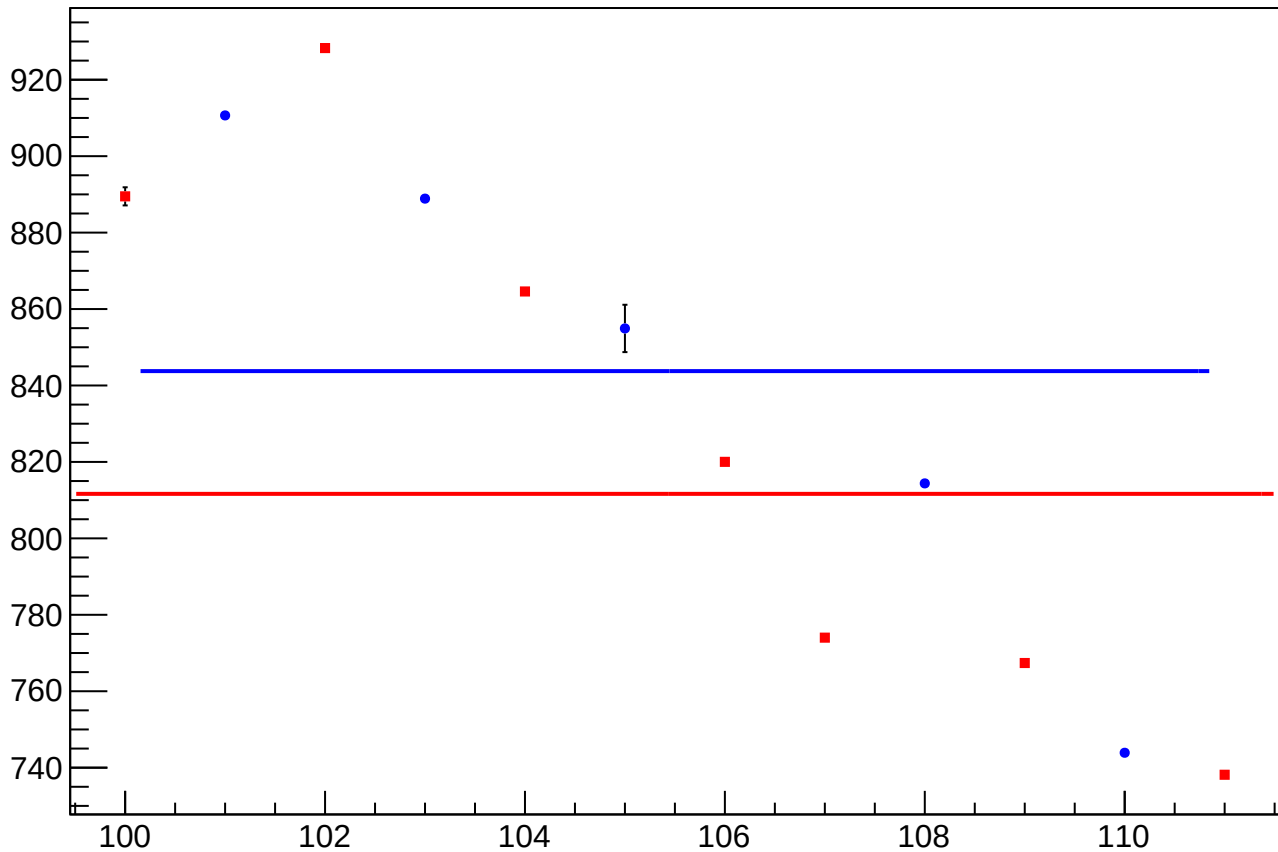
Right Out: 19.530 $\pm$ 0.494 χ^2 /NDF: 413.7/6

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

12.105 $\pm$ 0.615 χ^2 /NDF: 228.1/4

19.530 $\pm$ 0.494 χ^2 /NDF: 413.7/6

diff_bpm1i04X_rms vs slug



Right In: 843.763+/-0.435 χ^2/NDF : 22855.3/4

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

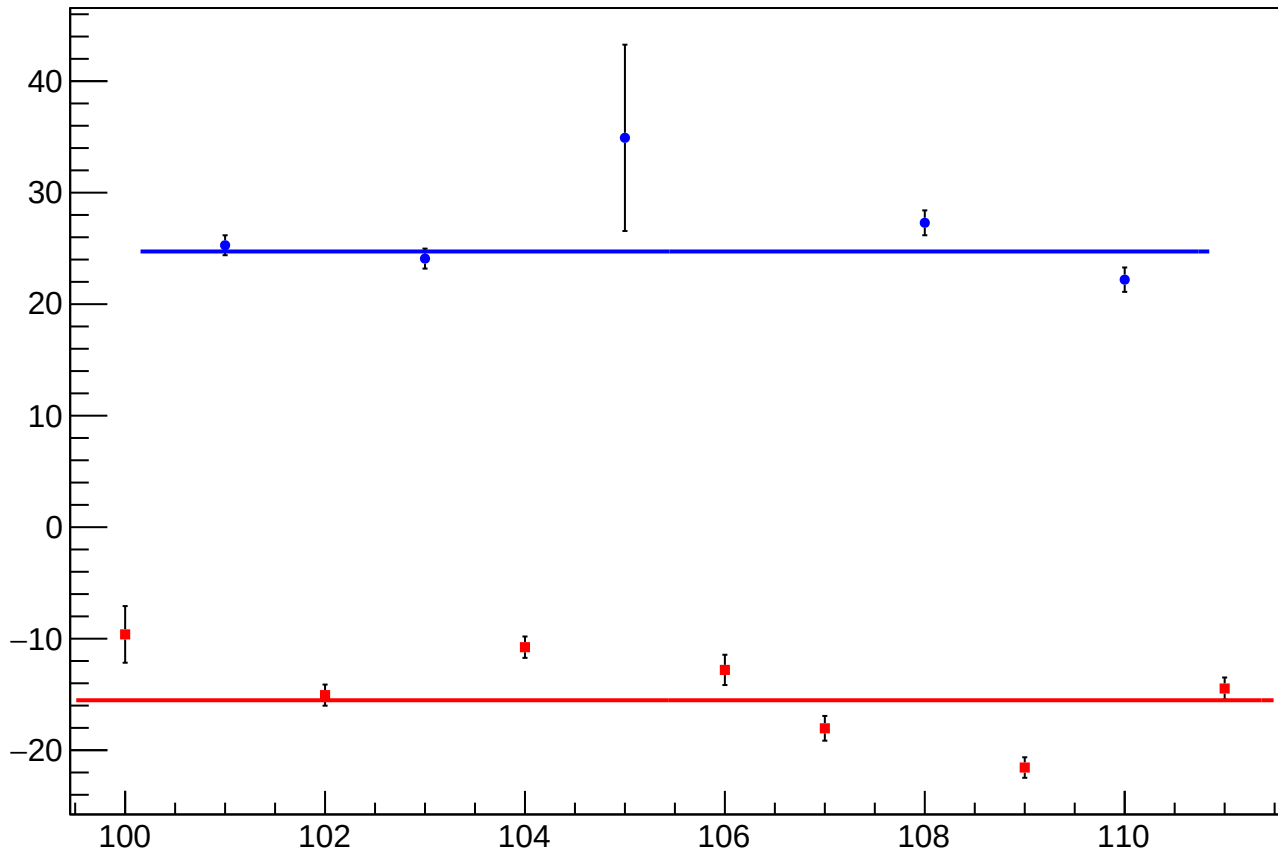
843.763+/-0.435 χ^2/NDF : 22855.3/4

Right Out: 811.644+/-0.349 χ^2/NDF : 35759.4/6

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

811.644+/-0.349 χ^2/NDF : 35759.4/6

diff_bpm1i04Y_mean vs slug



Right In: 24.725+/-0.491 χ^2 /NDF: 13.0/4

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

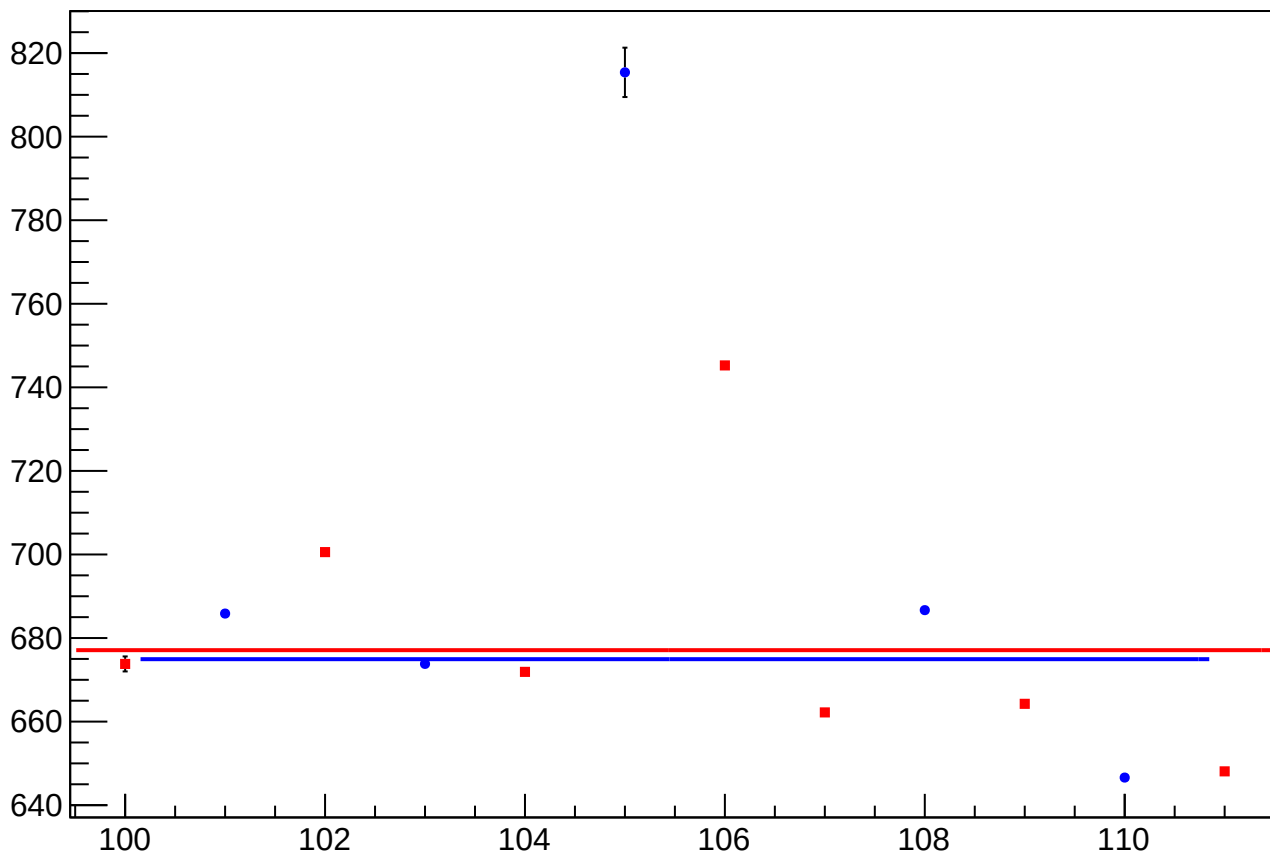
24.725+/-0.491 χ^2 /NDF: 13.0/4

Right Out: -15.522+/-0.411 χ^2 /NDF: 83.7/6

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

-15.522+/-0.411 χ^2 /NDF: 83.7/6

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

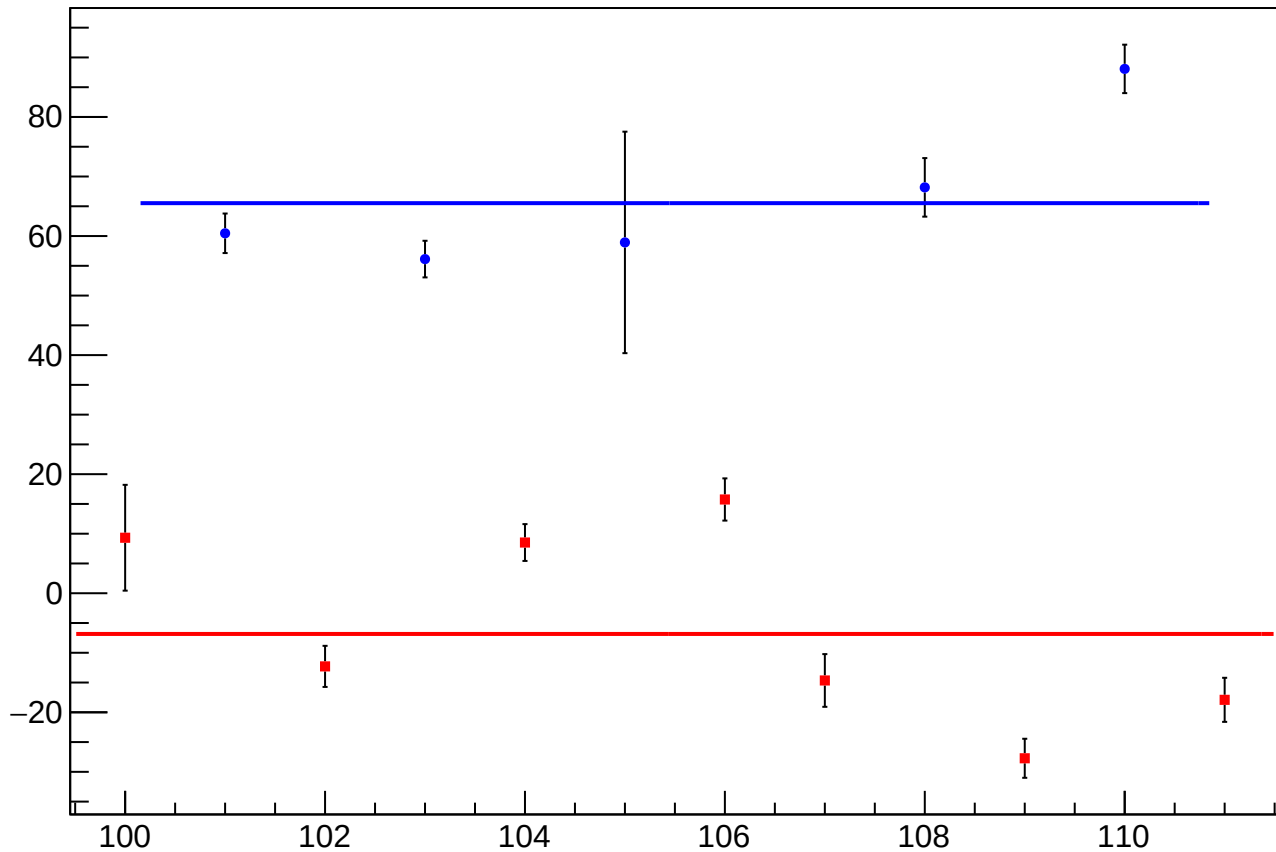
Right Out: 677.098 $\pm$ 0.291 χ^2 /NDF: 8796.5/6

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

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

677.098 $\pm$ 0.291 χ^2 /NDF: 8796.5/6

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

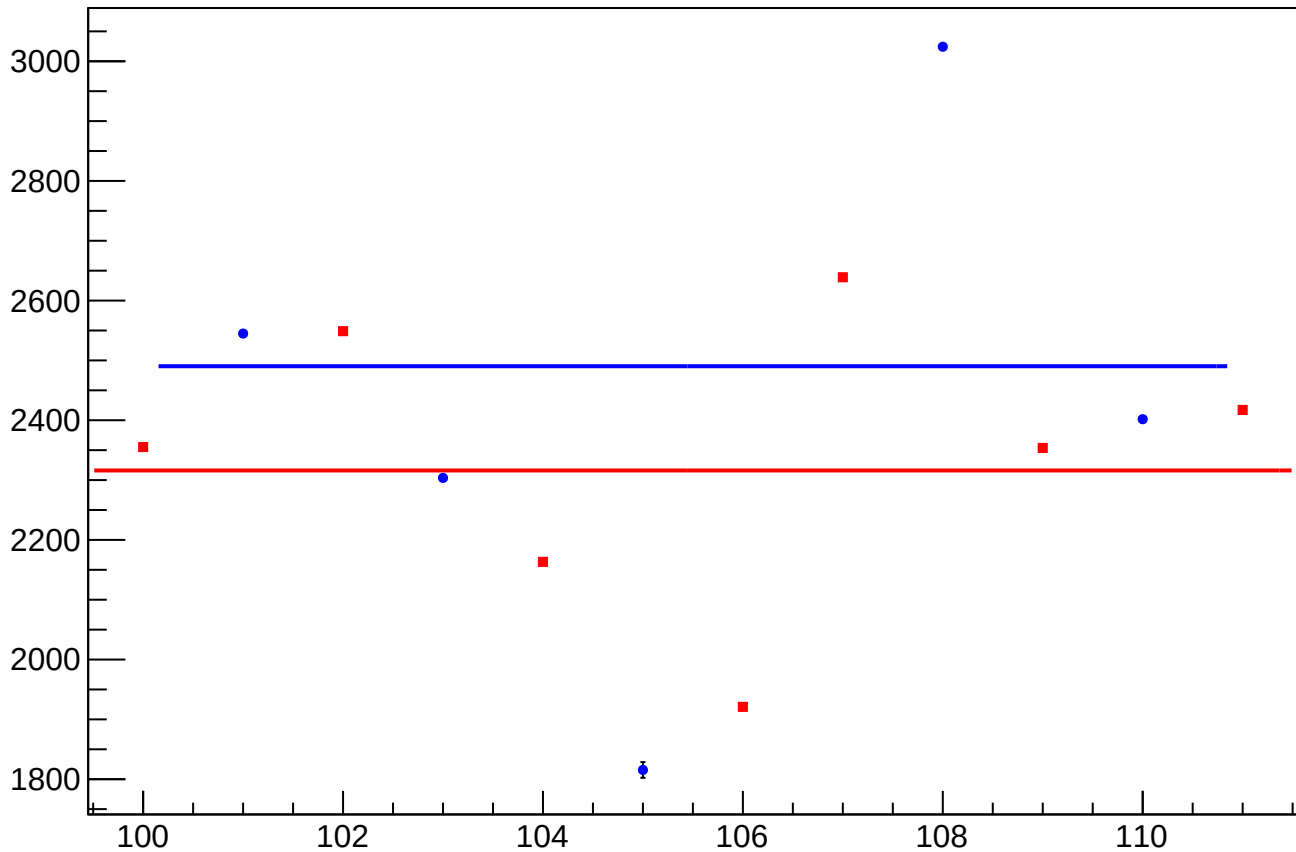
Right Out: -6.839 $\pm$ 1.417 χ^2 /NDF: 123.7/6

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

65.524 $\pm$ 1.823 χ^2 /NDF: 42.8/4

-6.839 $\pm$ 1.417 χ^2 /NDF: 123.7/6

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

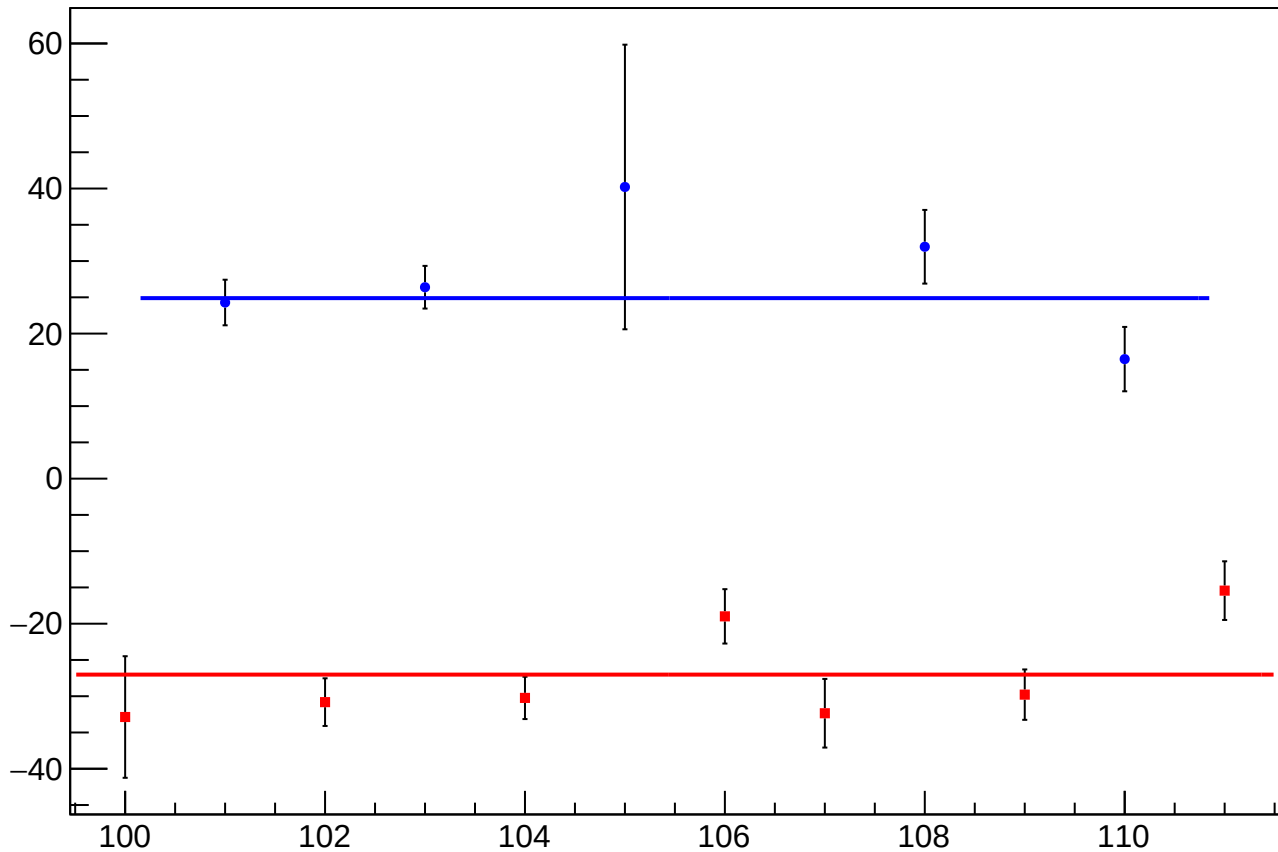
2490.269+/-1.289 χ^2/NDF : 35056.4/4

Right Out: 2316.046+/-1.002 χ^2/NDF : 51247.2/6

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

2316.046+/-1.002 χ^2/NDF : 51247.2/6

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

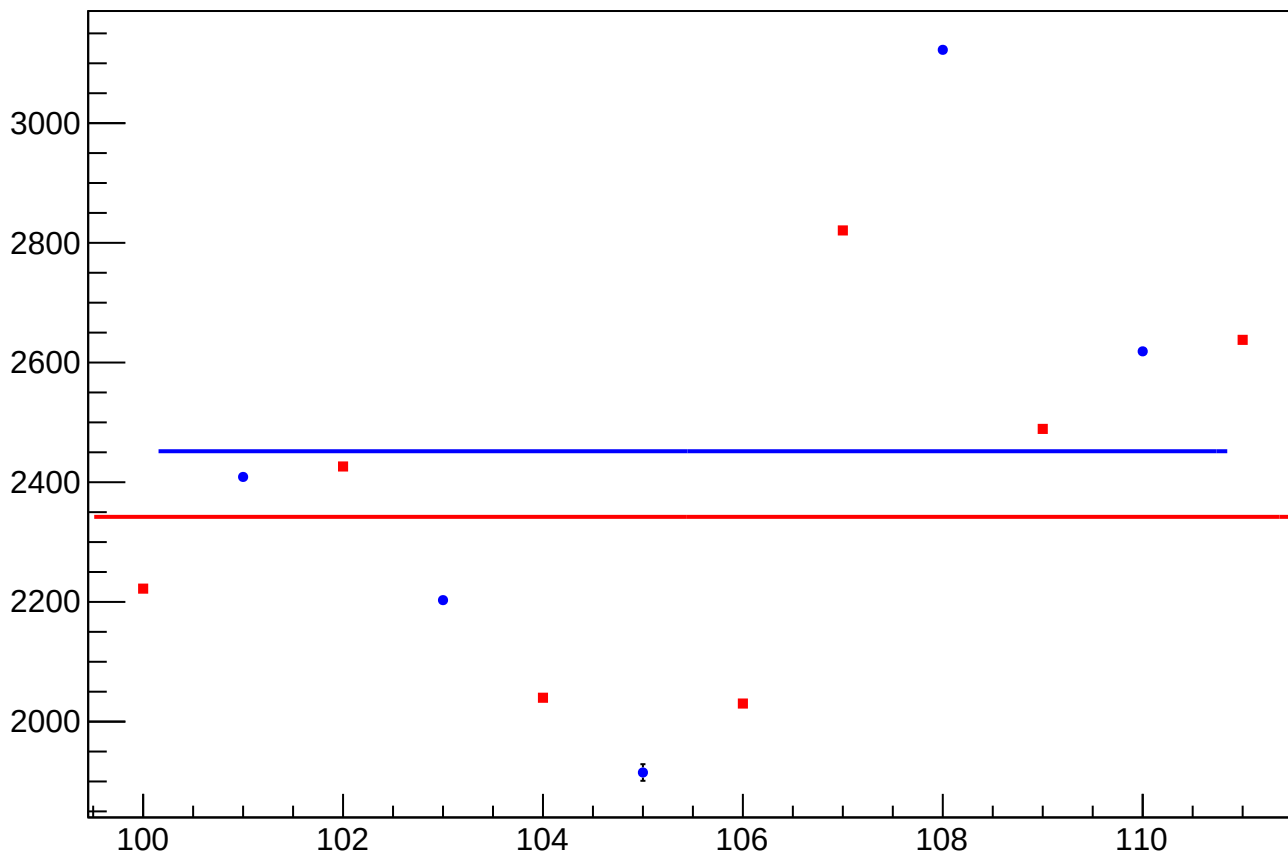
Right Out: -27.019+/-1.437 χ^2 /NDF: 17.7/6

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

24.888+/-1.799 χ^2 /NDF: 6.4/4

-27.019+/-1.437 χ^2 /NDF: 17.7/6

diff_bpm1i06Y_rms vs slug



Right In: 2451.790 $\pm$ 1.272 χ^2 /NDF: 53875.3/4

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

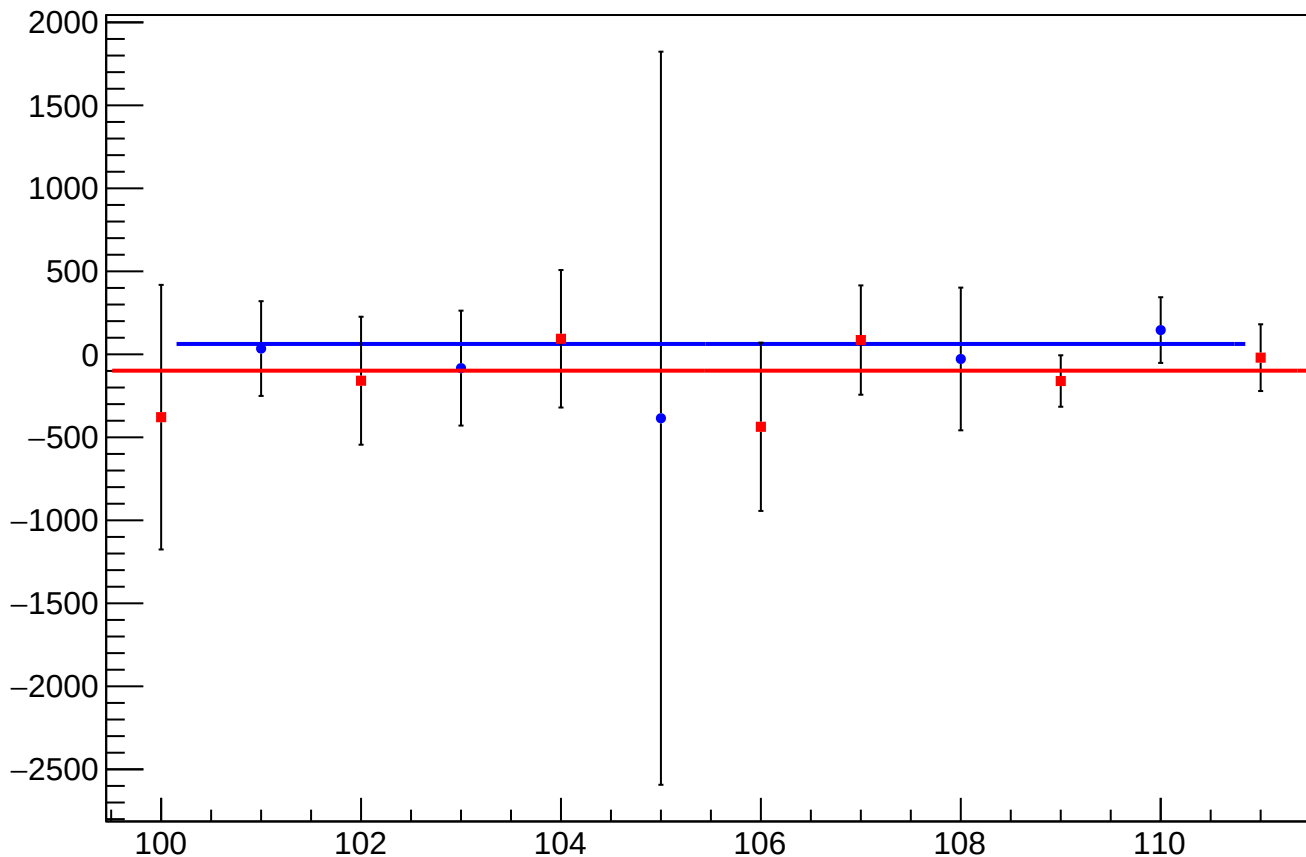
Right Out: 2342.147 $\pm$ 1.016 χ^2 /NDF: 71779.6/6

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

2451.790 $\pm$ 1.272 χ^2 /NDF: 53875.3/4

2342.147 $\pm$ 1.016 χ^2 /NDF: 71779.6/6

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

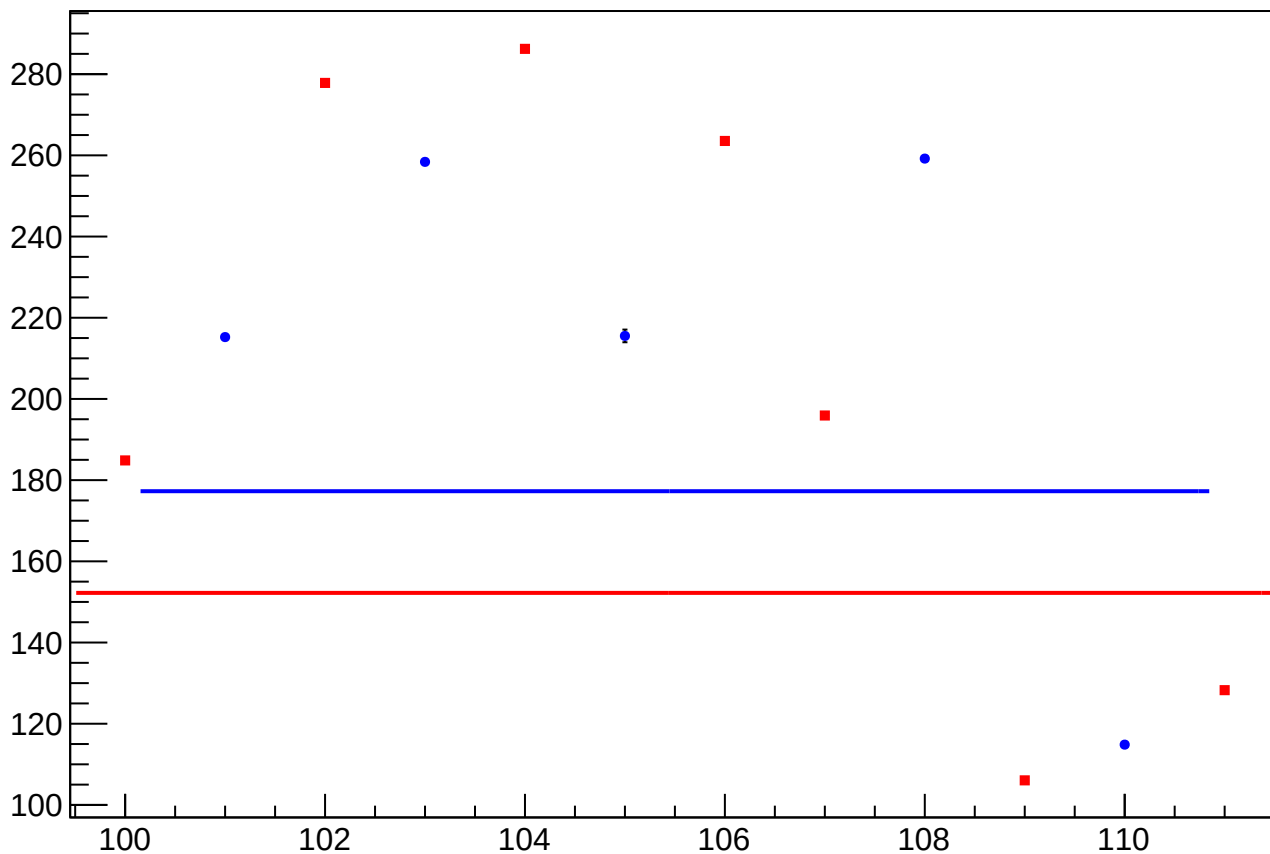
Right Out: -98.395+/-103.366 χ^2/NDF : 1.4/6

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

62.548+/-138.954 χ^2/NDF : 0.5/4

-98.395+/-103.366 χ^2/NDF : 1.4/6

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 177.274+/-0.098 χ^2/NDF : 417586.9/4

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

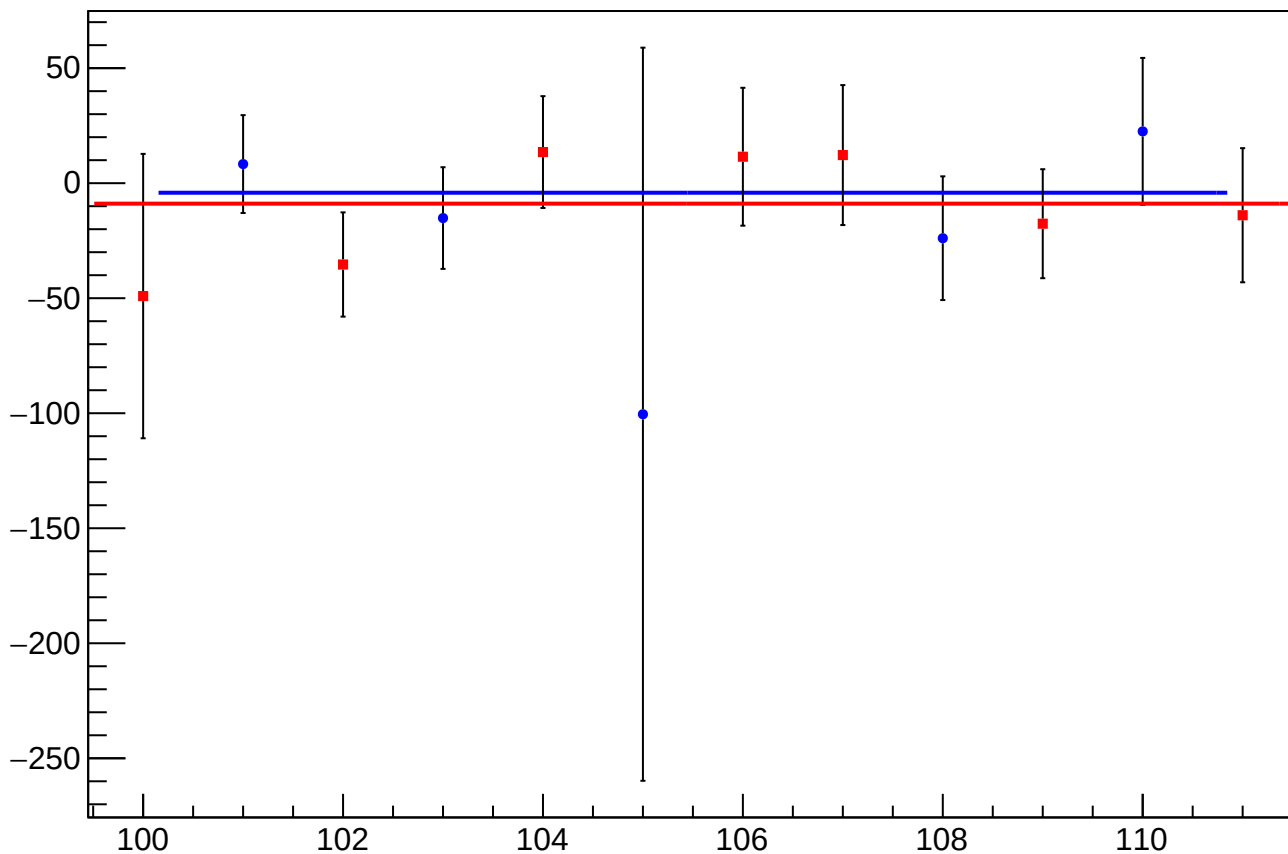
177.274+/-0.098 χ^2/NDF : 417586.9/4

Right Out: 152.228+/-0.073 χ^2/NDF : 762622.3/6

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

152.228+/-0.073 χ^2/NDF : 762622.3/6

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

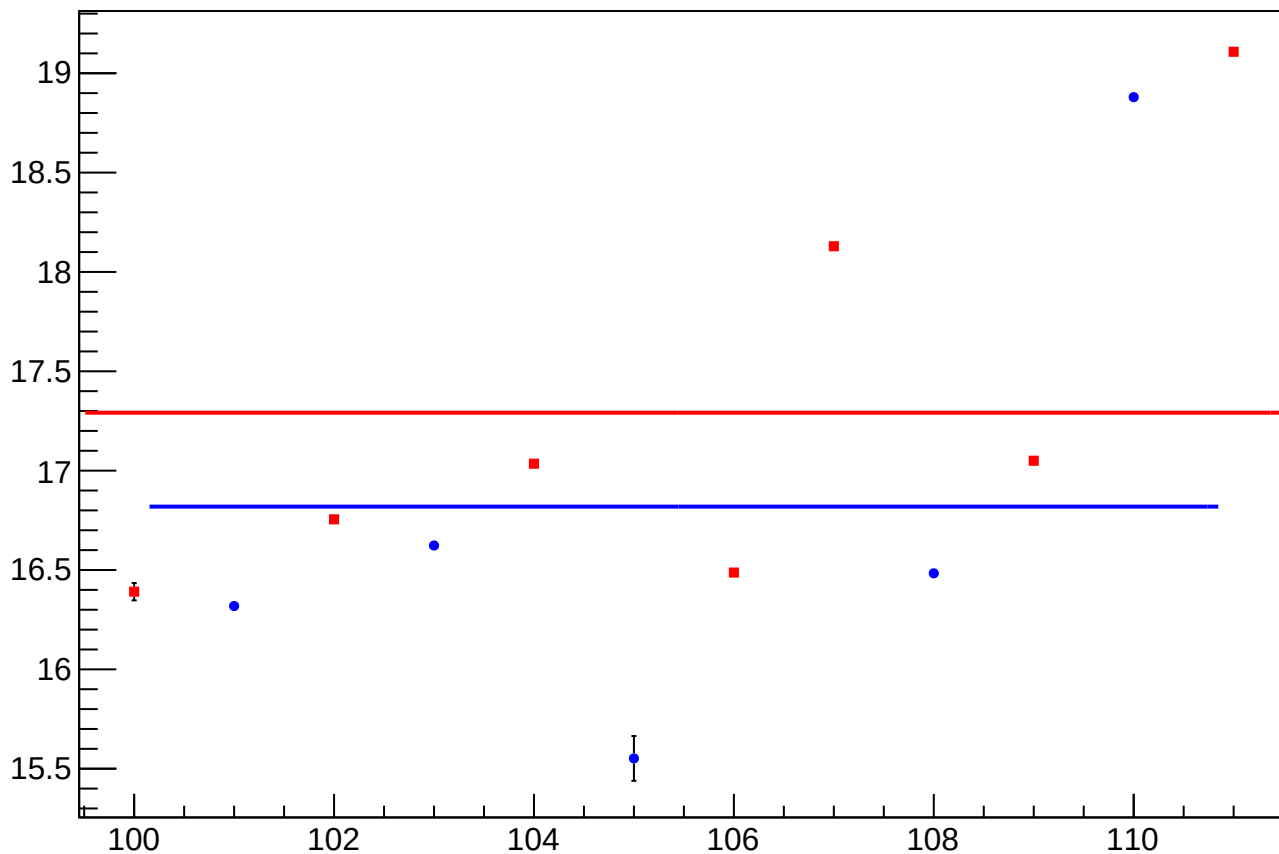
Right Out: -8.894+/-10.509 χ^2/NDF : 3.7/6

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

-4.149+/-12.252 χ^2/NDF : 2.2/4

-8.894+/-10.509 χ^2/NDF : 3.7/6

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

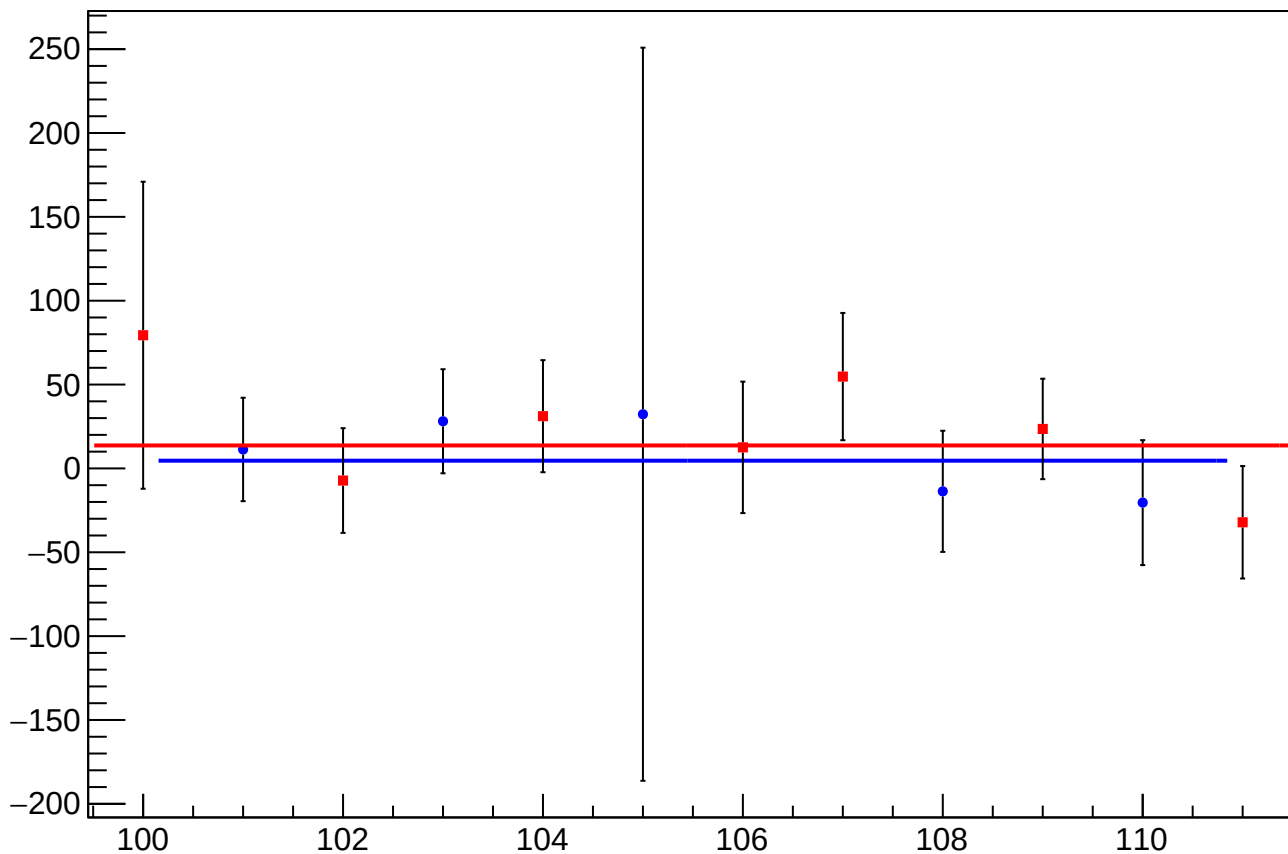
Right Out: 17.292+/-0.007 χ^2/NDF : 12698.3/6

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

16.819+/-0.009 χ^2/NDF : 10031.0/4

17.292+/-0.007 χ^2/NDF : 12698.3/6

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

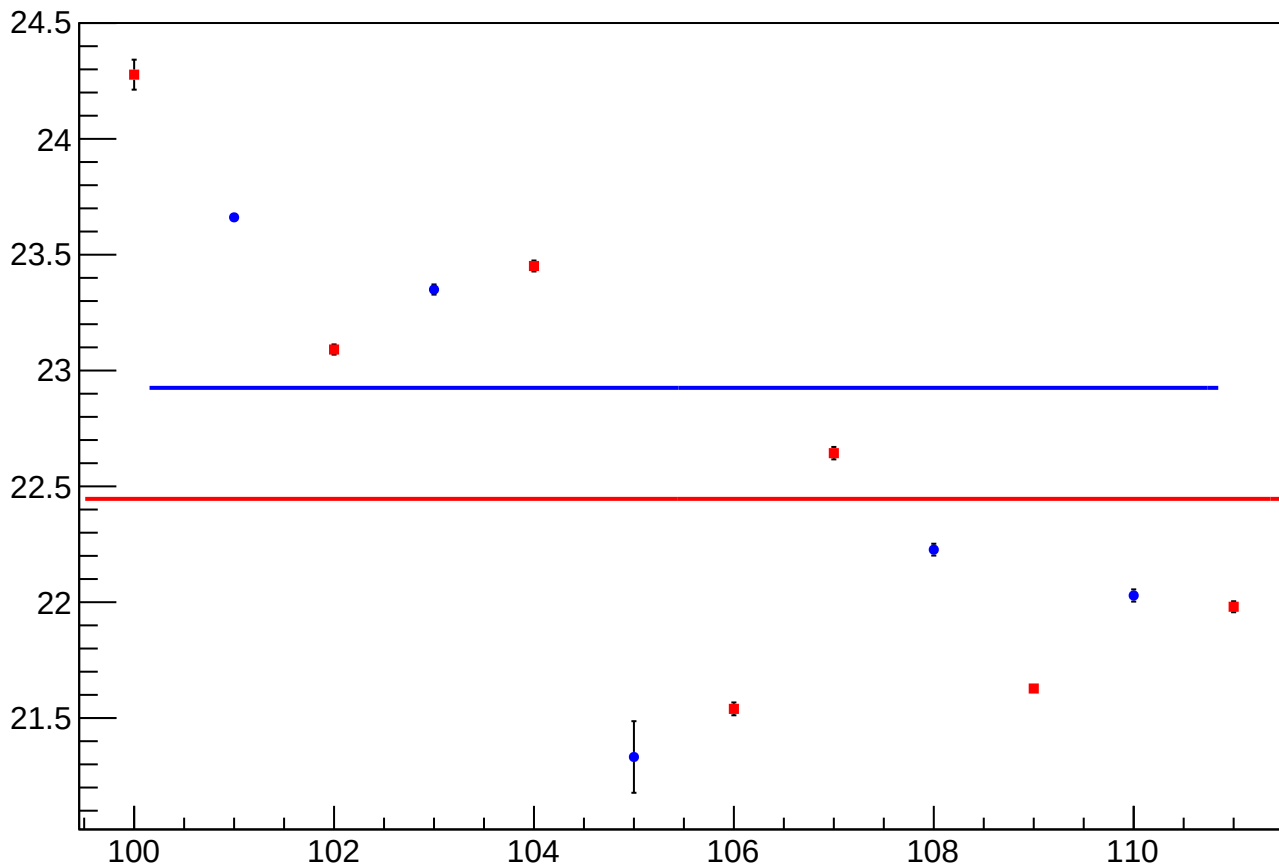
Right Out: 13.693 $\pm$ 13.620 χ^2 /NDF: 4.4/6

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

4.605 $\pm$ 16.670 χ^2 /NDF: 1.3/4

13.693 $\pm$ 13.620 χ^2 /NDF: 4.4/6

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

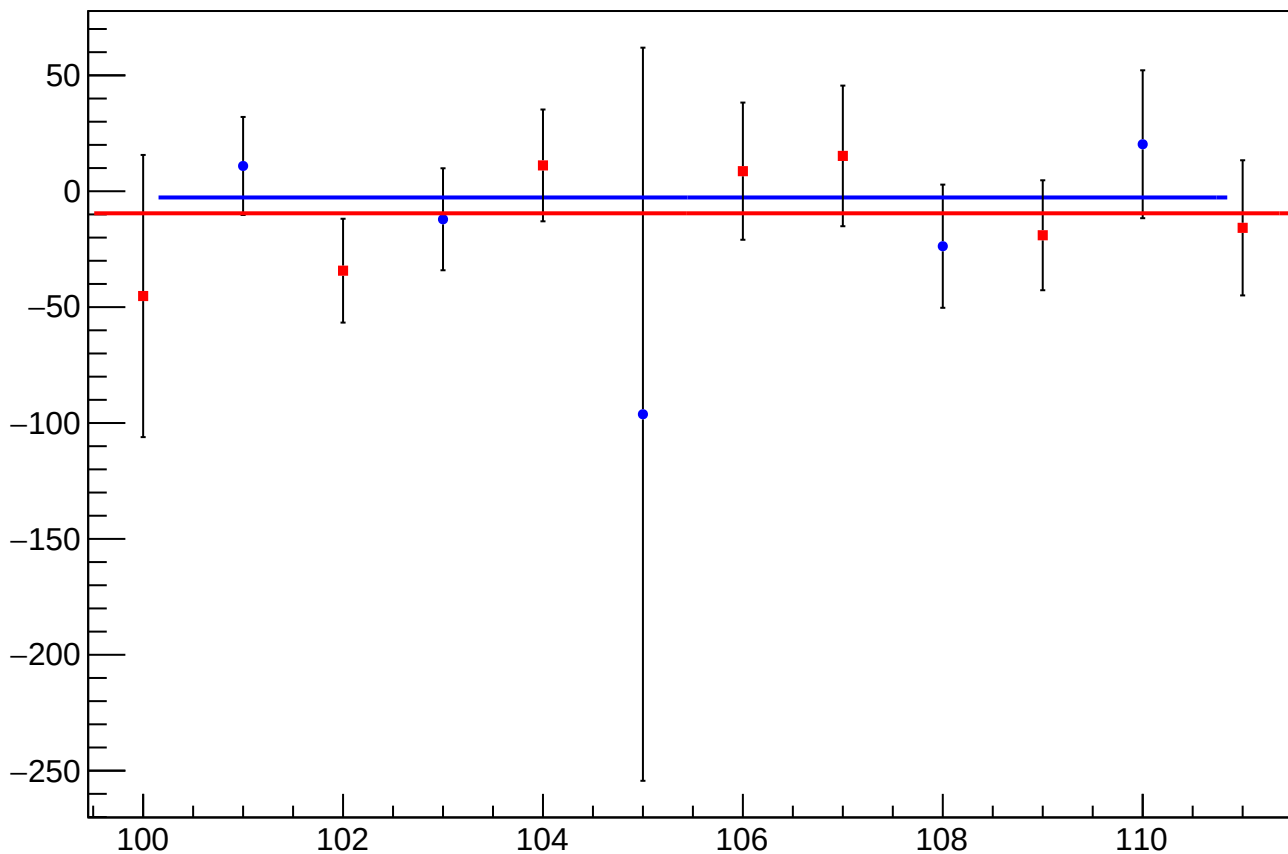
Right Out: 22.446+/-0.010 χ^2/NDF : 6467.1/6

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

22.925+/-0.012 χ^2/NDF : 3525.8/4

22.446+/-0.010 χ^2/NDF : 6467.1/6

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

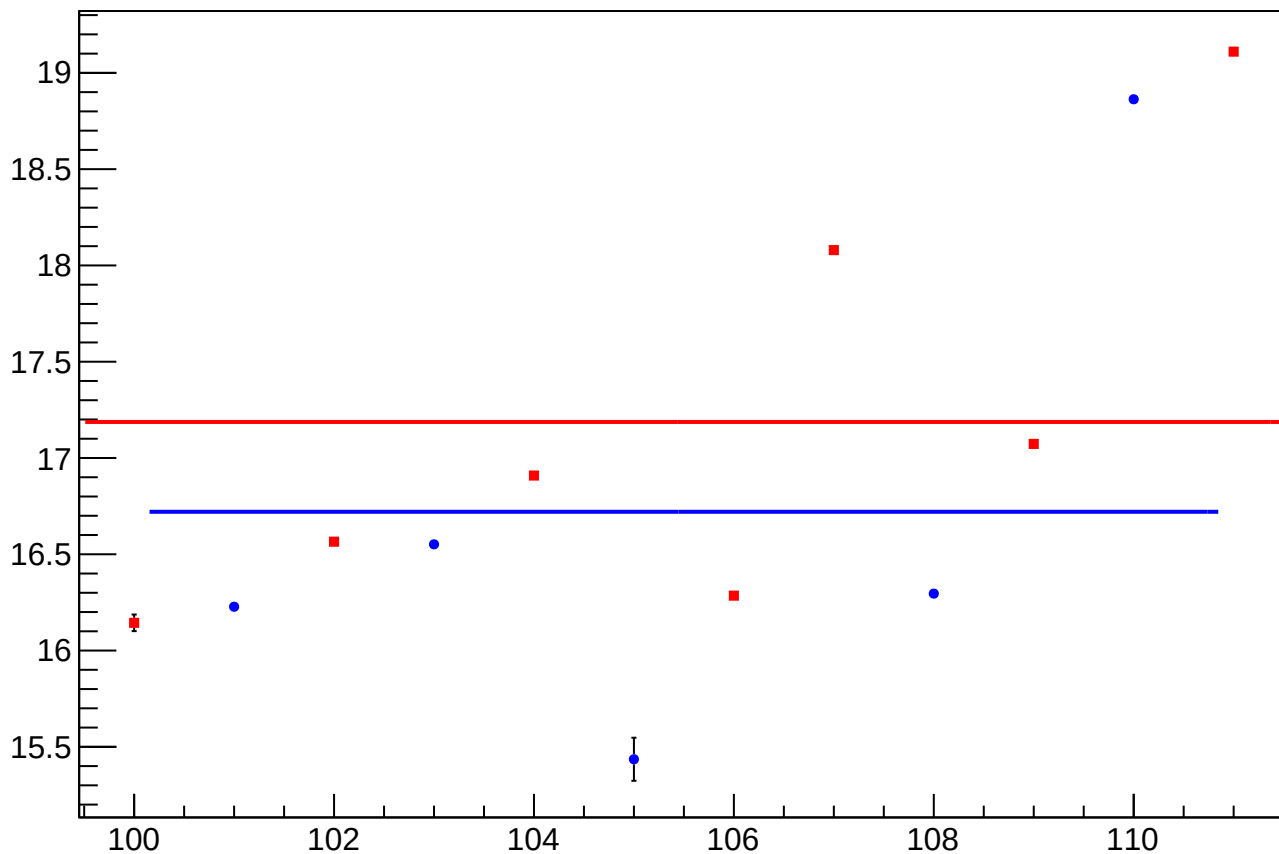
Right Out: -9.518+/-10.446 χ^2/NDF : 3.5/6

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

-2.686+/-12.181 χ^2/NDF : 2.1/4

-9.518+/-10.446 χ^2/NDF : 3.5/6

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

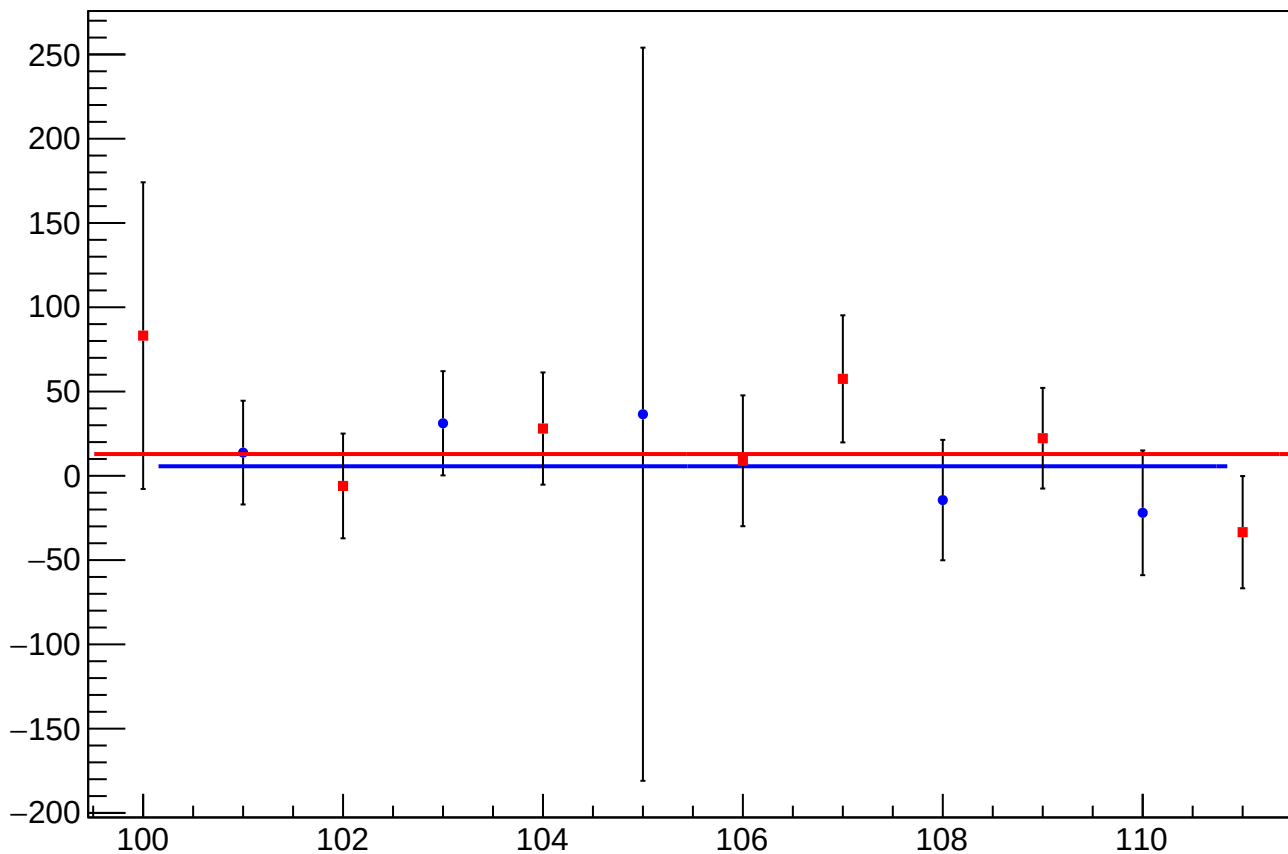
Right Out: 17.187+/-0.007 χ^2/NDF : 14730.3/6

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

16.721+/-0.009 χ^2/NDF : 10866.8/4

17.187+/-0.007 χ^2/NDF : 14730.3/6

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs slug



Right In: 5.664 $\pm$ 16.578 χ^2 /NDF: 1.6/4

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

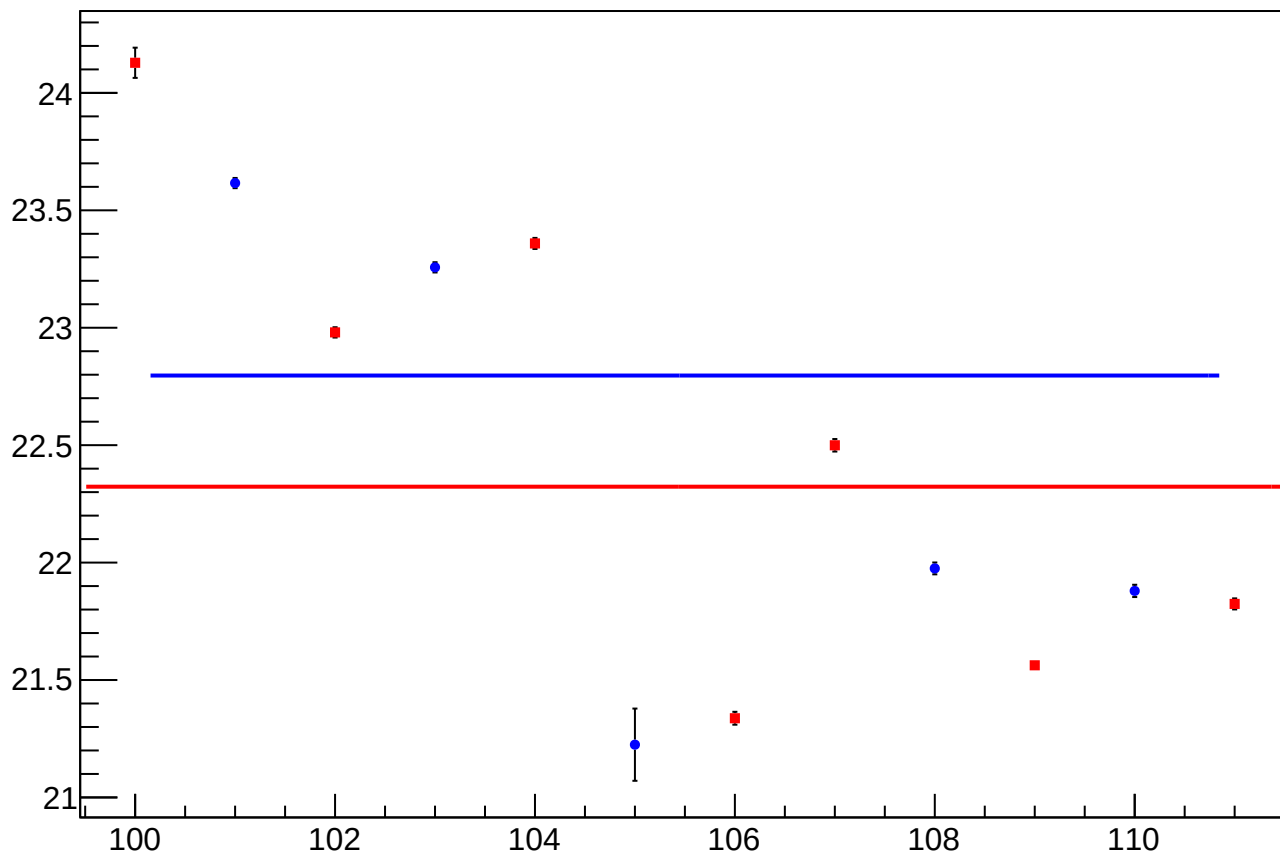
Right Out: 12.911 $\pm$ 13.545 χ^2 /NDF: 4.6/6

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

5.664 $\pm$ 16.578 χ^2 /NDF: 1.6/4

12.911 $\pm$ 13.545 χ^2 /NDF: 4.6/6

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

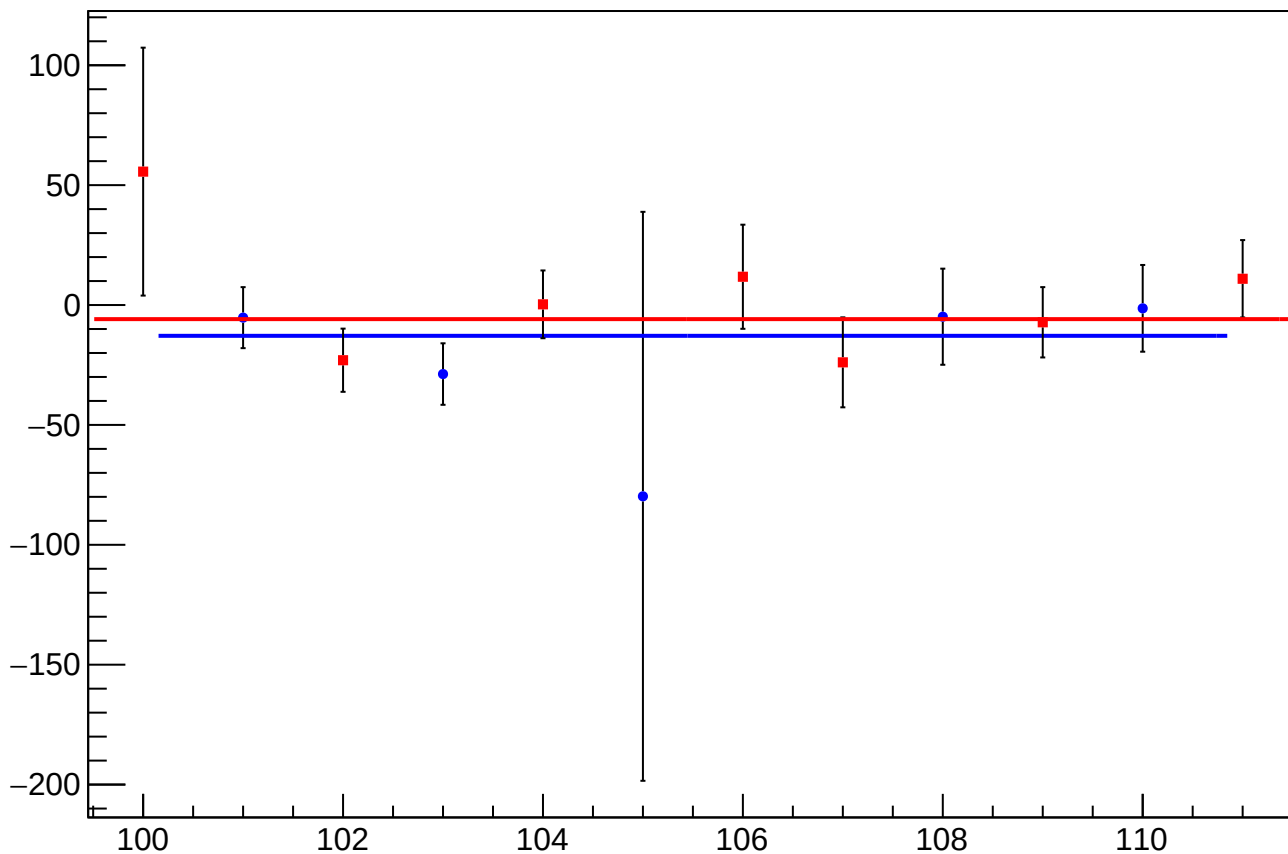
Right Out: 22.323 $\pm$ 0.010 χ^2 /NDF: 6700.0/6

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

22.797 $\pm$ 0.012 χ^2 /NDF: 4254.5/4

22.323 $\pm$ 0.010 χ^2 /NDF: 6700.0/6

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -12.843 $\pm$ 7.479 χ^2 /NDF: 2.8/4

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

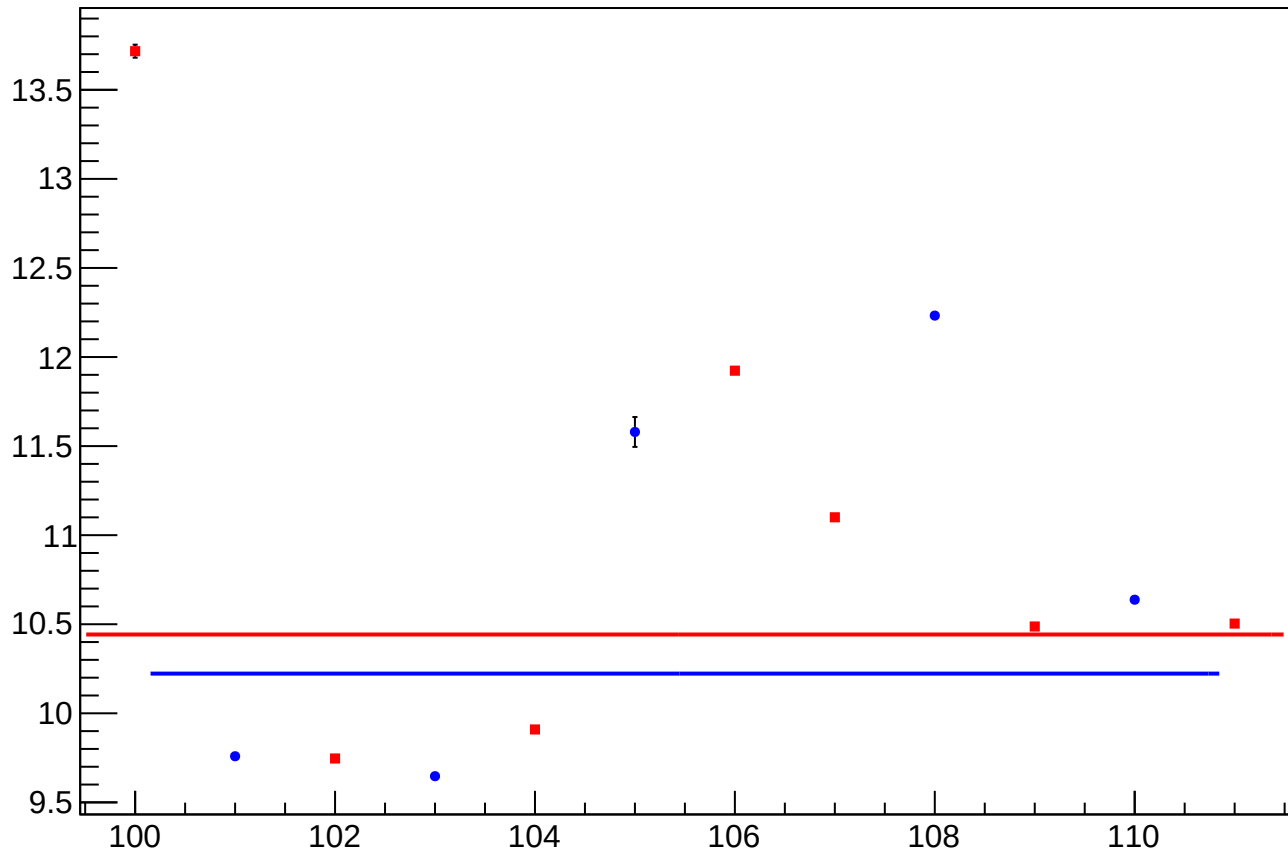
Right Out: -5.880 $\pm$ 6.376 χ^2 /NDF: 6.0/6

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

-12.843 $\pm$ 7.479 χ^2 /NDF: 2.8/4

-5.880 $\pm$ 6.376 χ^2 /NDF: 6.0/6

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

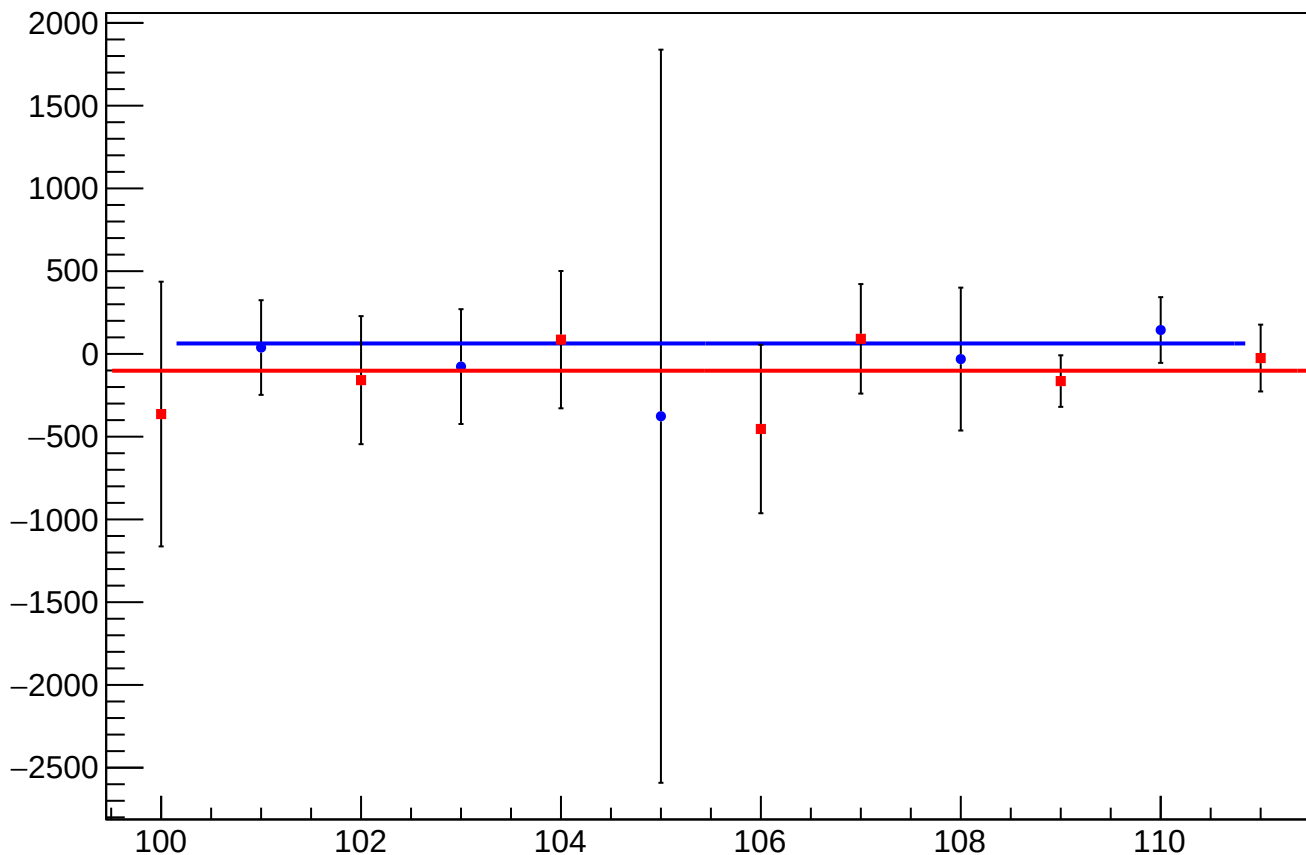
Right Out: 10.442+/-0.005 χ^2/NDF : 28262.2/6

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

10.223+/-0.005 χ^2/NDF : 28116.3/4

10.442+/-0.005 χ^2/NDF : 28262.2/6

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

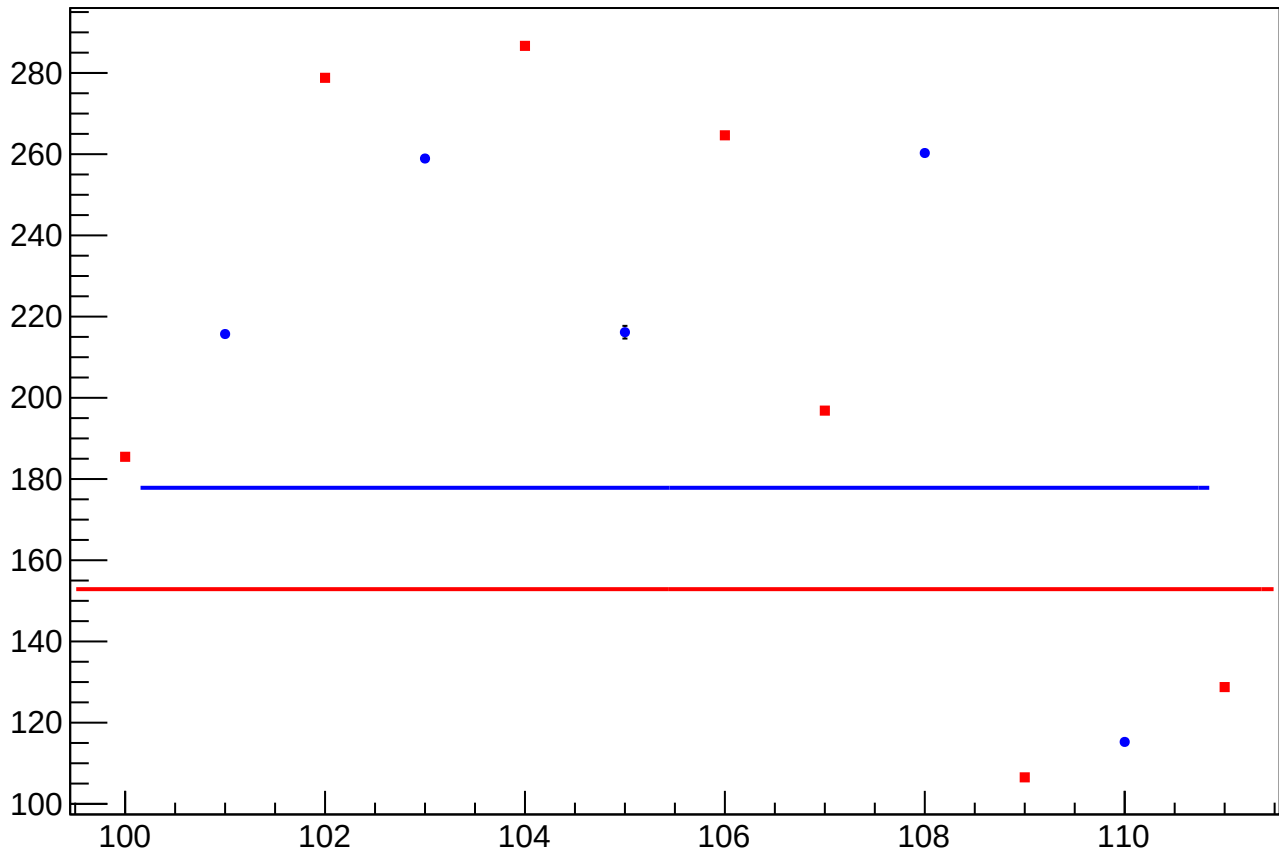
Right Out: -101.456+/-103.788 χ^2/NDF : 1.5/6

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

63.248+/-139.383 χ^2/NDF : 0.4/4

-101.456+/-103.788 χ^2/NDF : 1.5/6

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

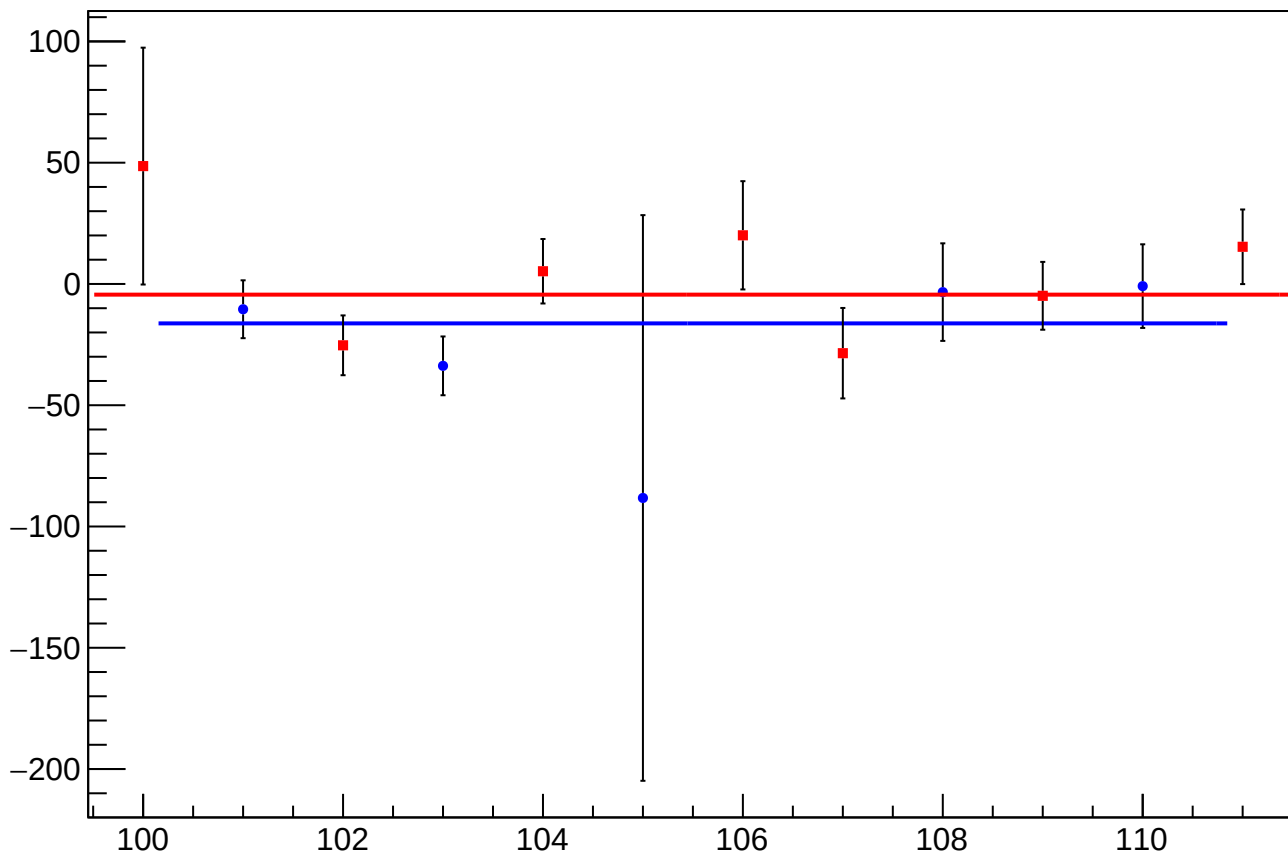
177.843+/-0.099 χ^2/NDF : 416604.0/4

Right Out: 152.878+/-0.073 χ^2/NDF : 760813.3/6

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

152.878+/-0.073 χ^2/NDF : 760813.3/6

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

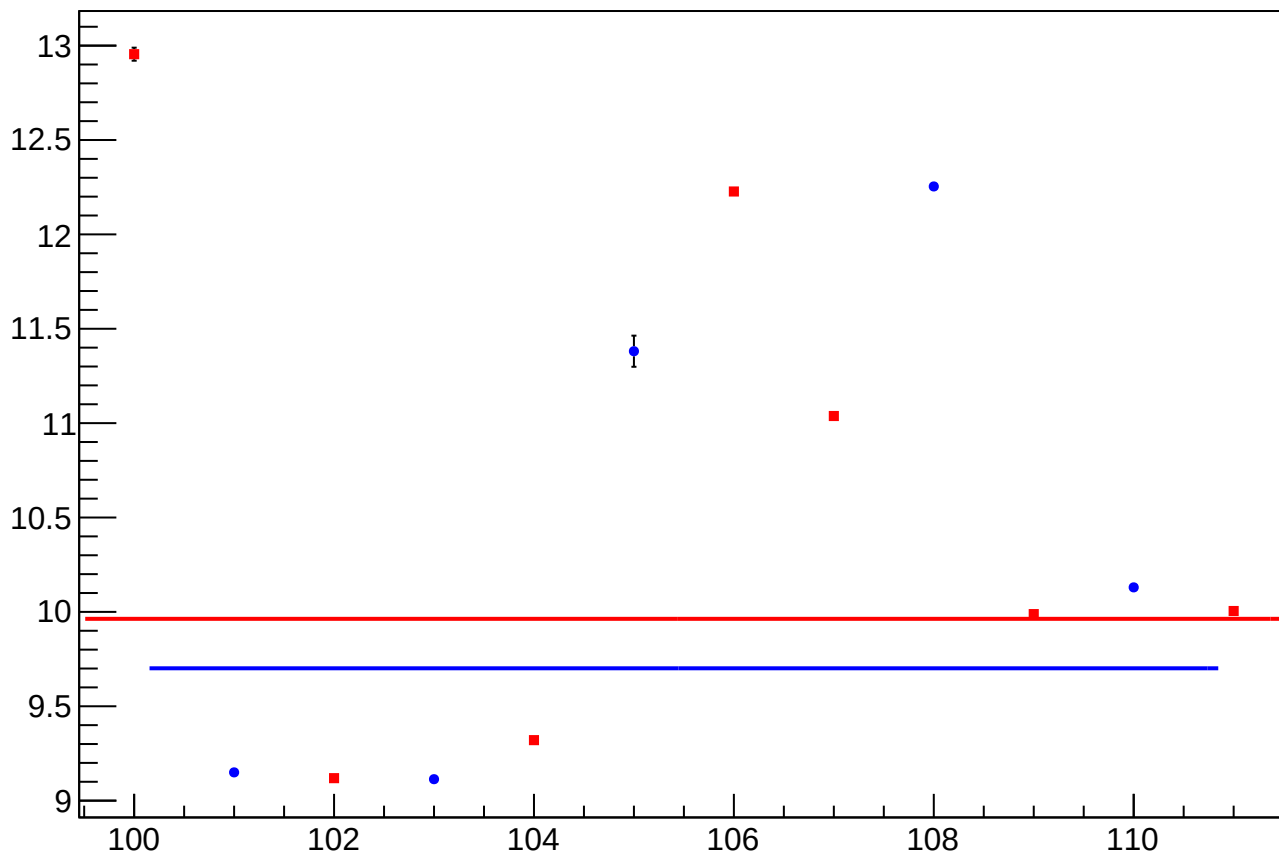
Right Out: -4.404 $\pm$ 6.099 χ^2 /NDF: 9.1/6

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

-16.257 $\pm$ 7.116 χ^2 /NDF: 3.9/4

-4.404 $\pm$ 6.099 χ^2 /NDF: 9.1/6

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

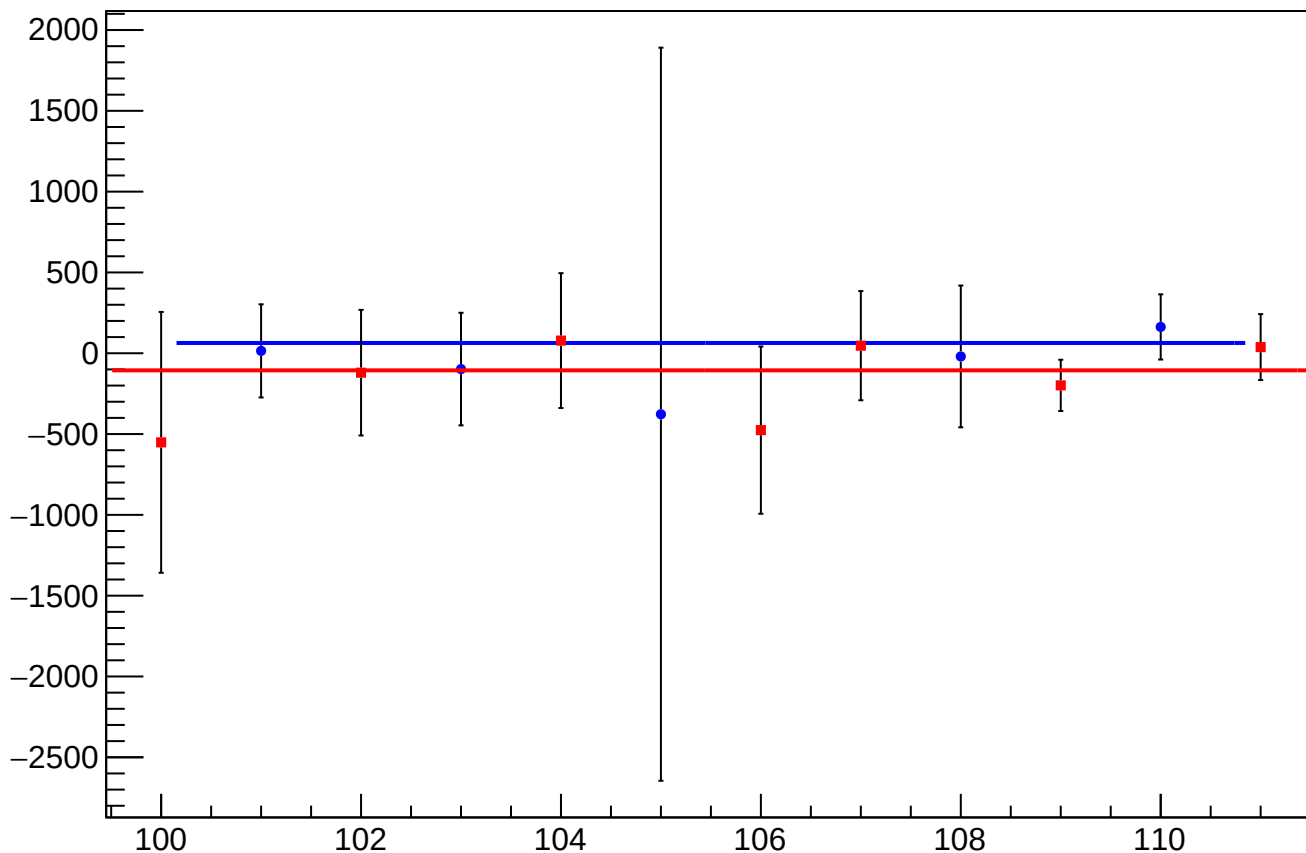
Right Out: 9.963+/-0.004 χ^2/NDF : 48797.4/6

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

9.701+/-0.005 χ^2/NDF : 42846.9/4

9.963+/-0.004 χ^2/NDF : 48797.4/6

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

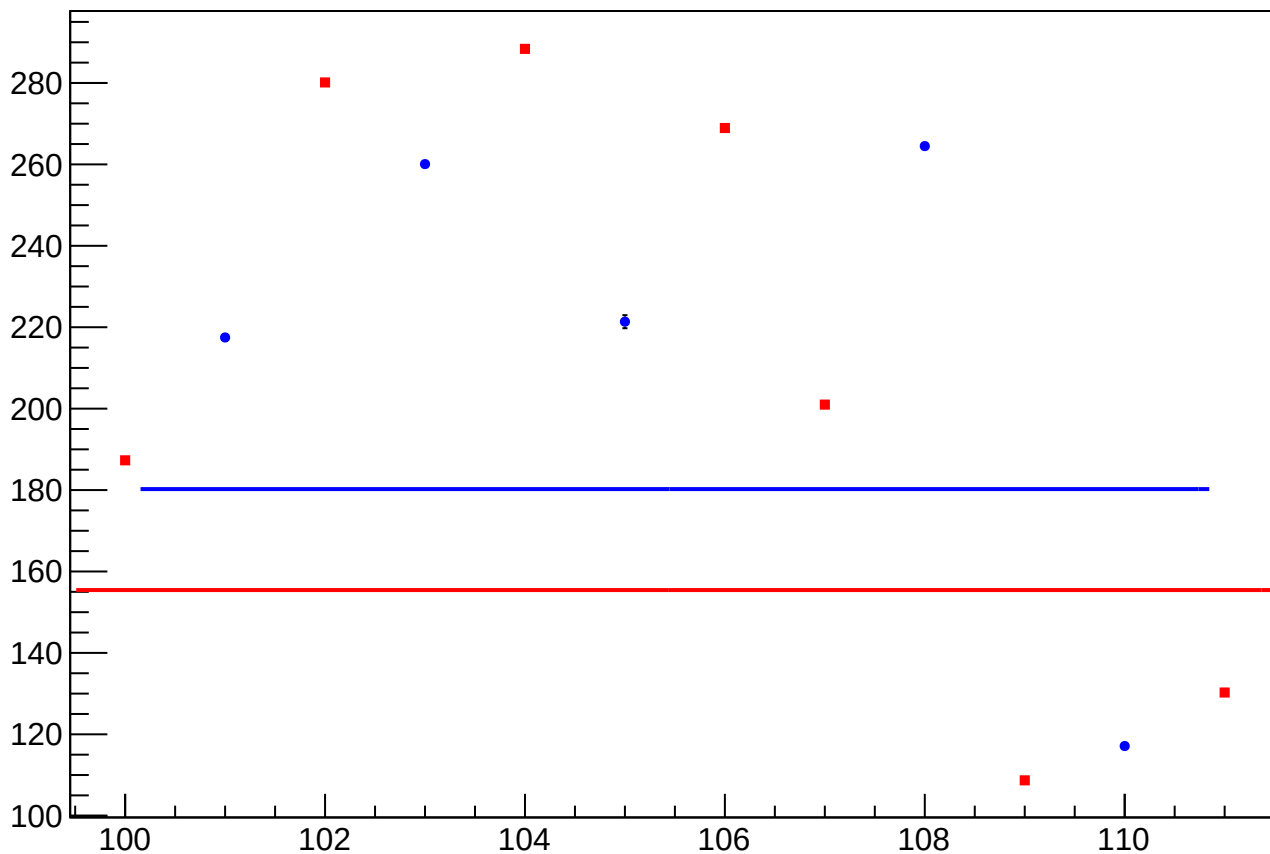
Right Out: -105.859+/-105.324 χ^2/NDF : 2.1/6

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

63.619+/-141.056 χ^2/NDF : 0.6/4

-105.859+/-105.324 χ^2/NDF : 2.1/6

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

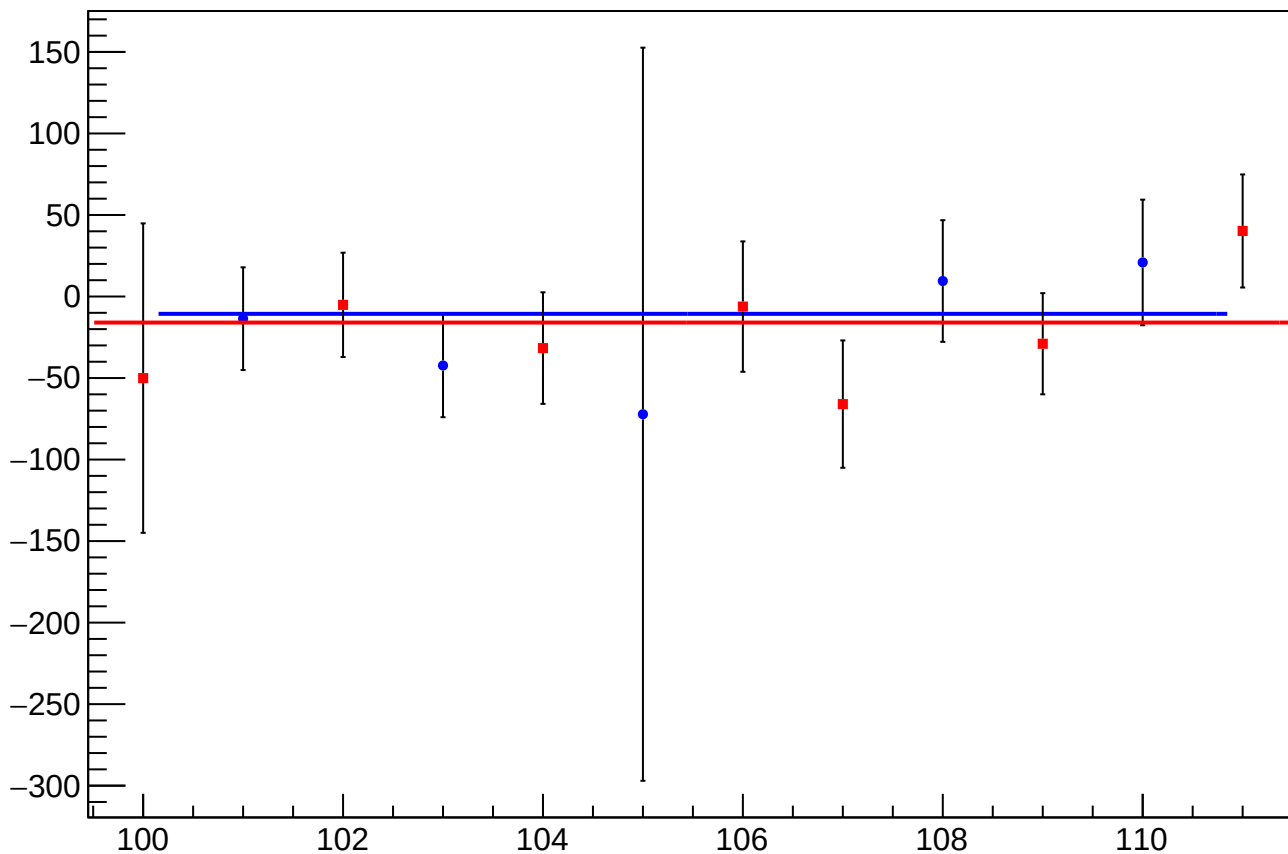
180.241+/-0.100 χ^2/NDF : 408822.5/4

Right Out: 155.435+/-0.074 χ^2/NDF : 748867.8/6

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

155.435+/-0.074 χ^2/NDF : 748867.8/6

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -10.627 $\pm$ 17.112 χ^2 /NDF: 2.0/4

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

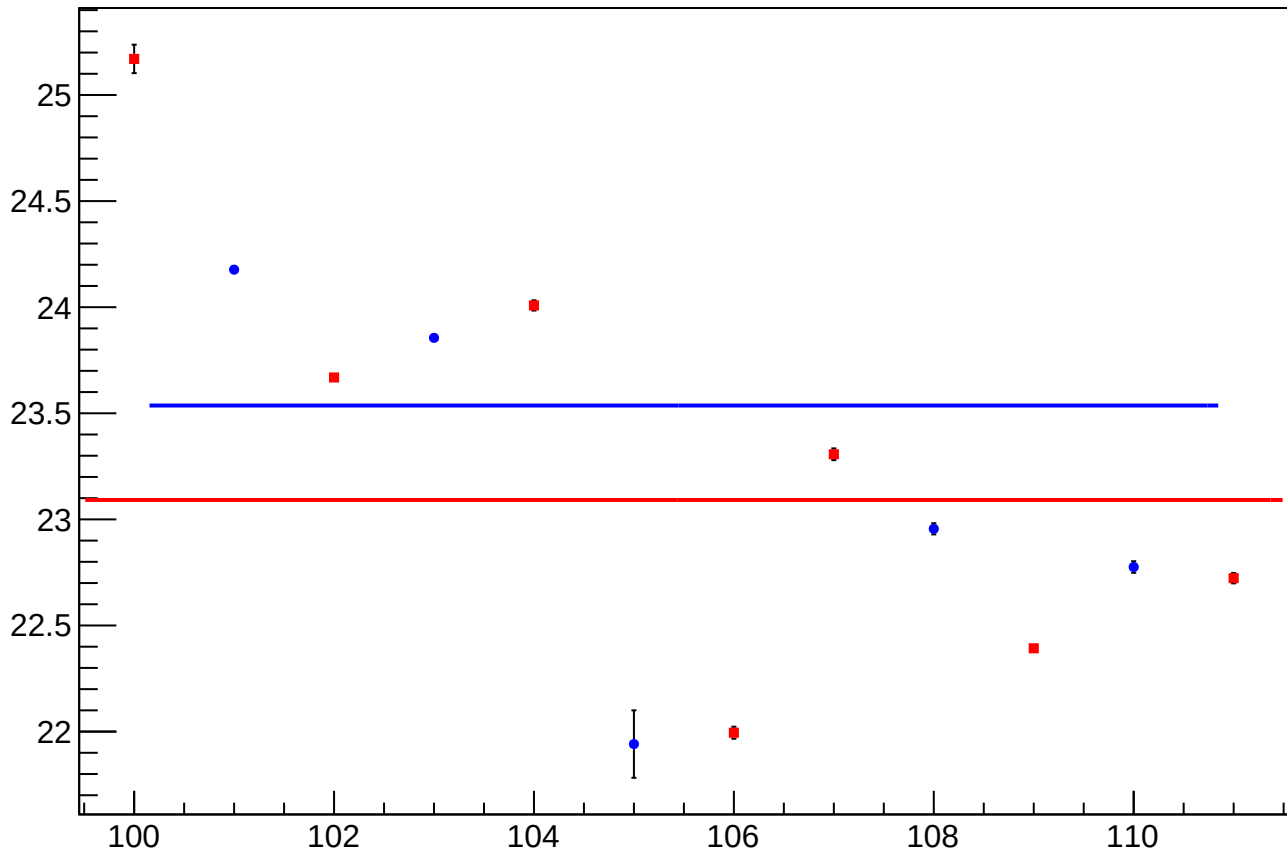
Right Out: -15.972 $\pm$ 14.011 χ^2 /NDF: 5.0/6

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

-10.627 $\pm$ 17.112 χ^2 /NDF: 2.0/4

-15.972 $\pm$ 14.011 χ^2 /NDF: 5.0/6

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 23.537 $\pm$ 0.012 χ^2 /NDF: 2395.5/4

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

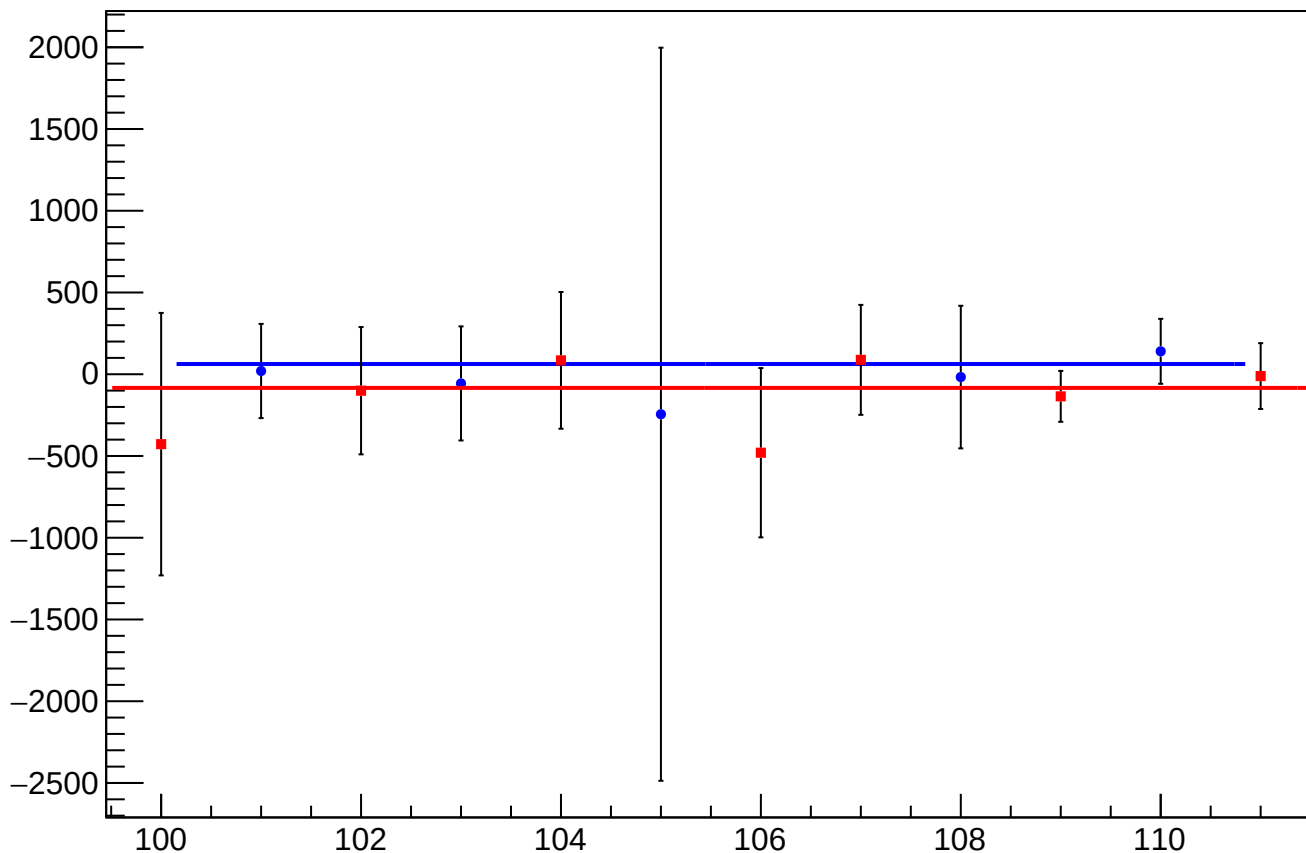
Right Out: 23.092 $\pm$ 0.010 χ^2 /NDF: 5853.8/6

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

23.537 $\pm$ 0.012 χ^2 /NDF: 2395.5/4

23.092 $\pm$ 0.010 χ^2 /NDF: 5853.8/6

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

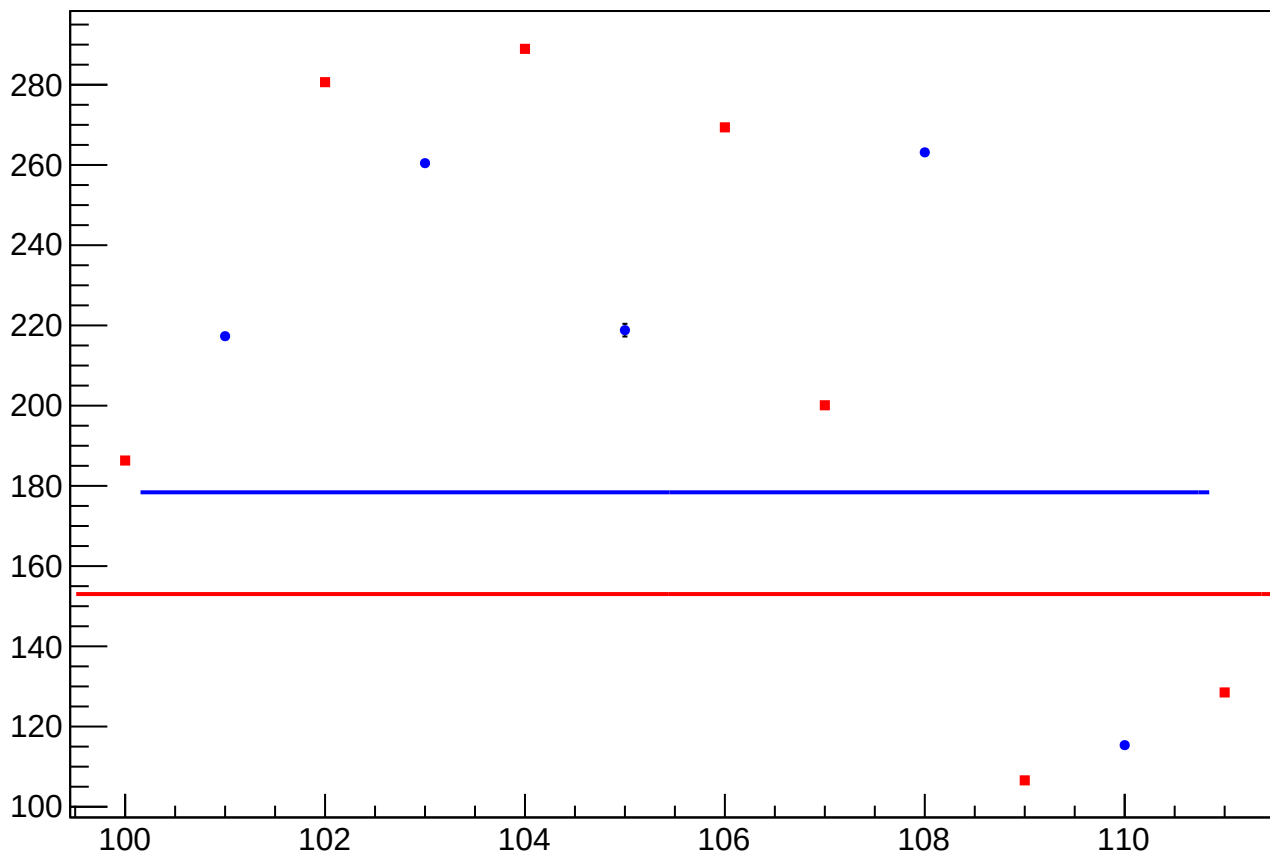
Right Out: -83.501+/-104.043 χ^2 /NDF: 1.4/6

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

62.472+/-139.950 χ^2 /NDF: 0.3/4

-83.501+/-104.043 χ^2 /NDF: 1.4/6

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

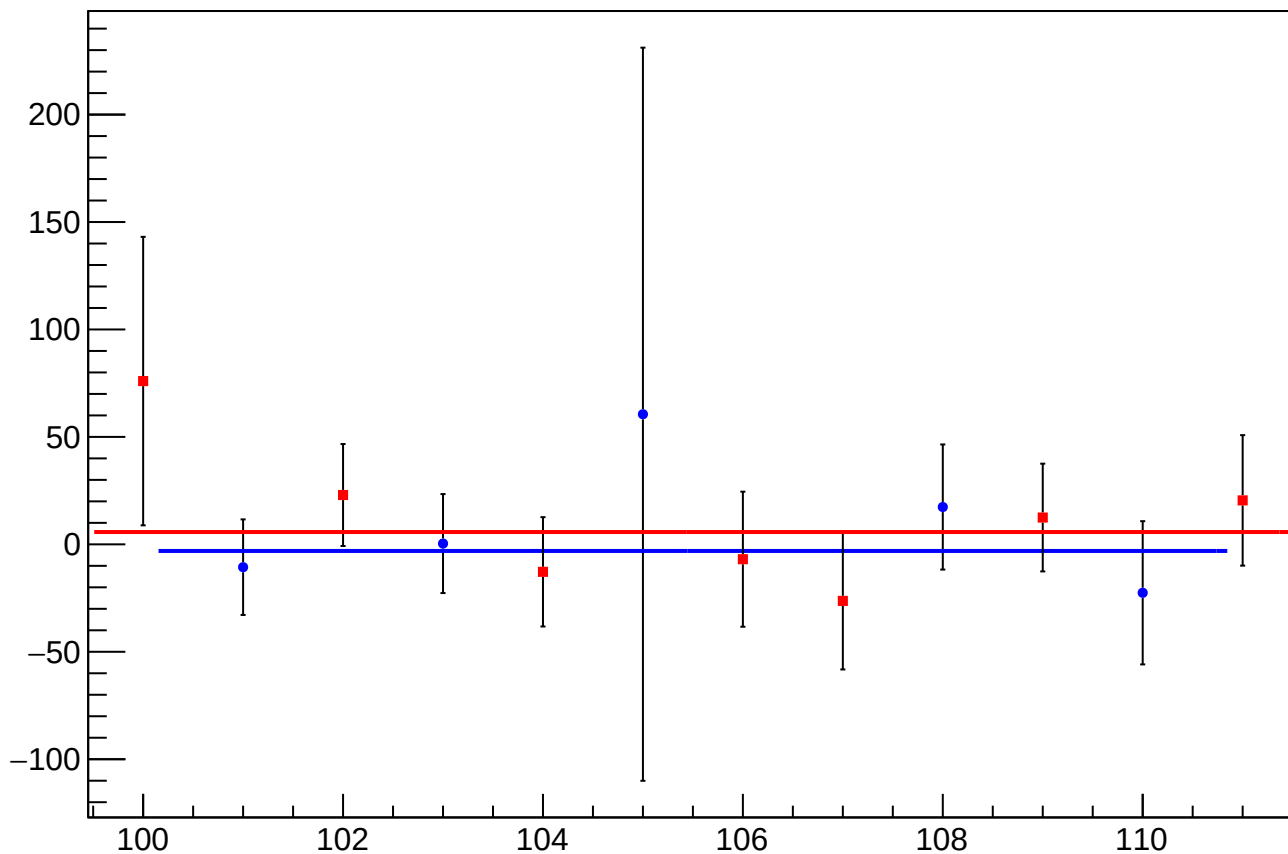
178.395+/-0.099 χ^2/NDF : 424652.0/4

Right Out: 153.030+/-0.074 χ^2/NDF : 777637.0/6

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

153.030+/-0.074 χ^2/NDF : 777637.0/6

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

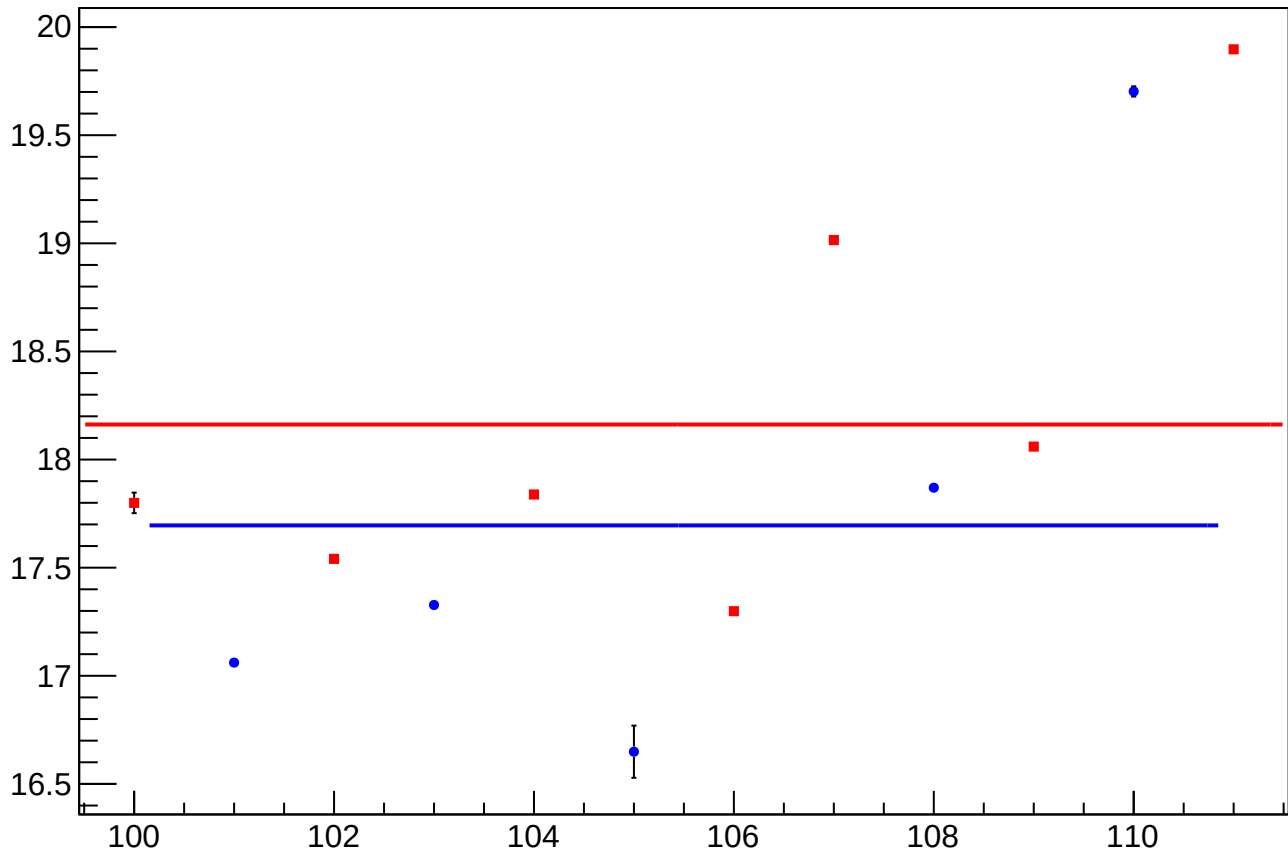
Right Out: 5.729+/-11.034 χ^2/NDF : 3.6/6

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

-3.073+/-12.887 χ^2/NDF : 1.1/4

5.729+/-11.034 χ^2/NDF : 3.6/6

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

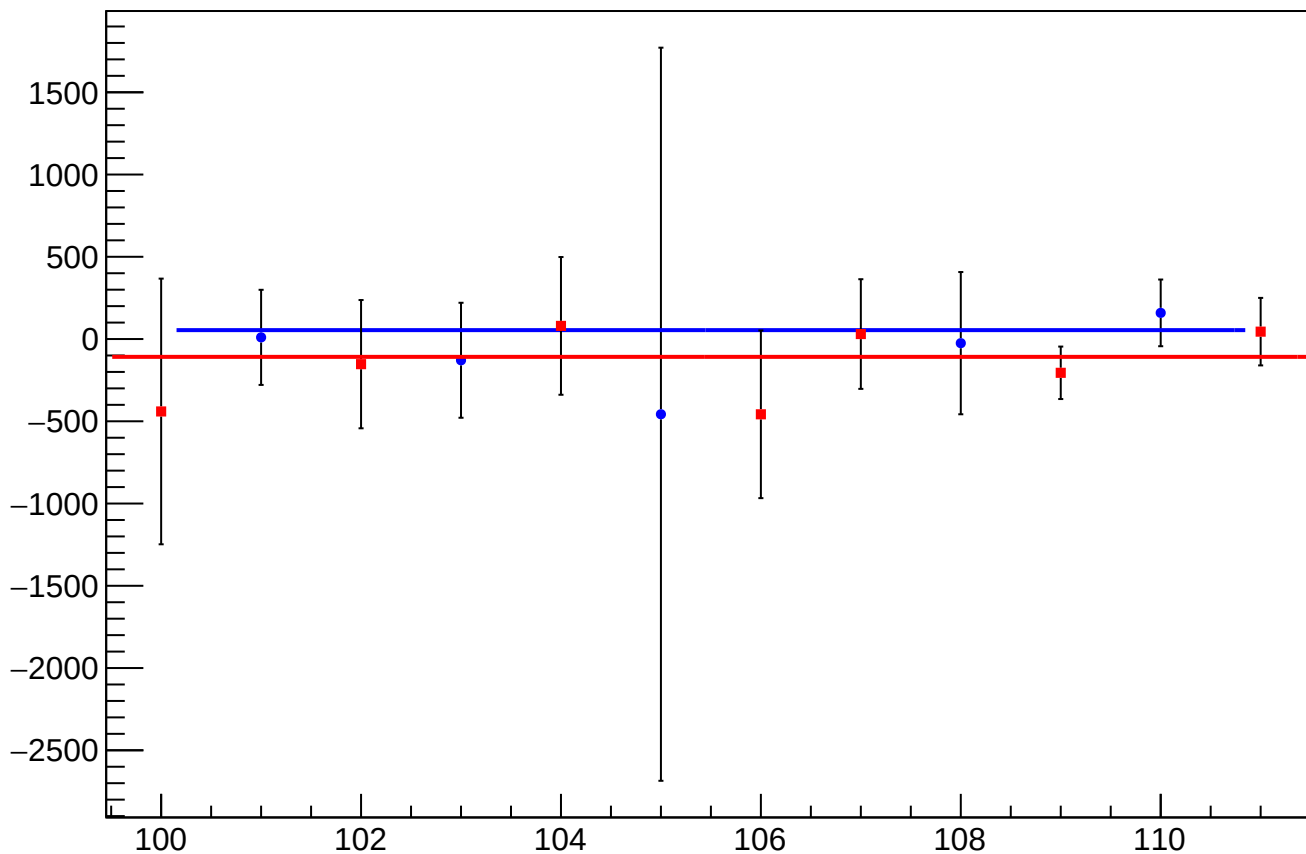
17.695+/-0.009 χ^2/NDF : 9538.9/4

Right Out: 18.162+/-0.008 χ^2/NDF : 11256.4/6

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

18.162+/-0.008 χ^2/NDF : 11256.4/6

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

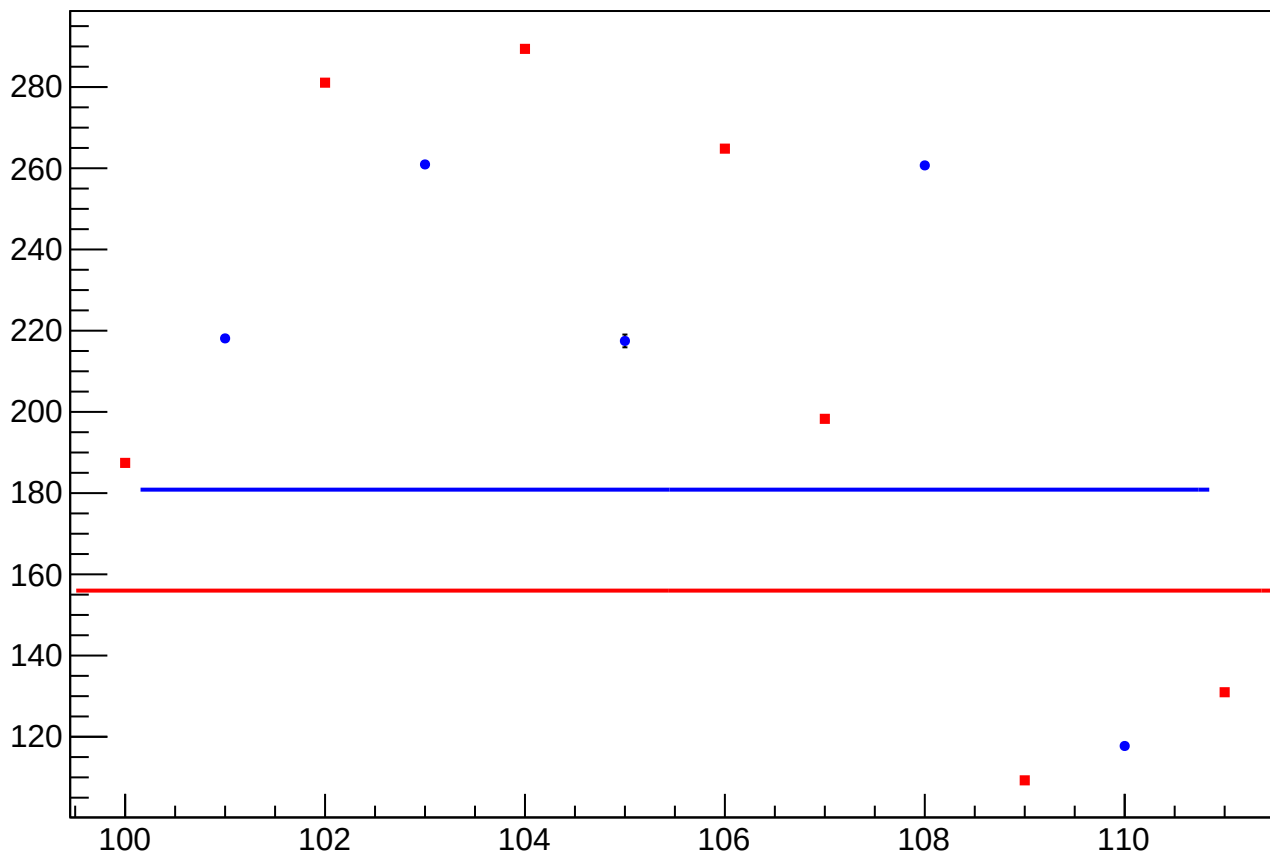
Right Out: -108.329+/-105.558 χ^2/NDF : 2.0/6

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

54.122+/-141.367 χ^2/NDF : 0.7/4

-108.329+/-105.558 χ^2/NDF : 2.0/6

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 180.854+/-0.100 χ^2/NDF : 400892.4/4

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

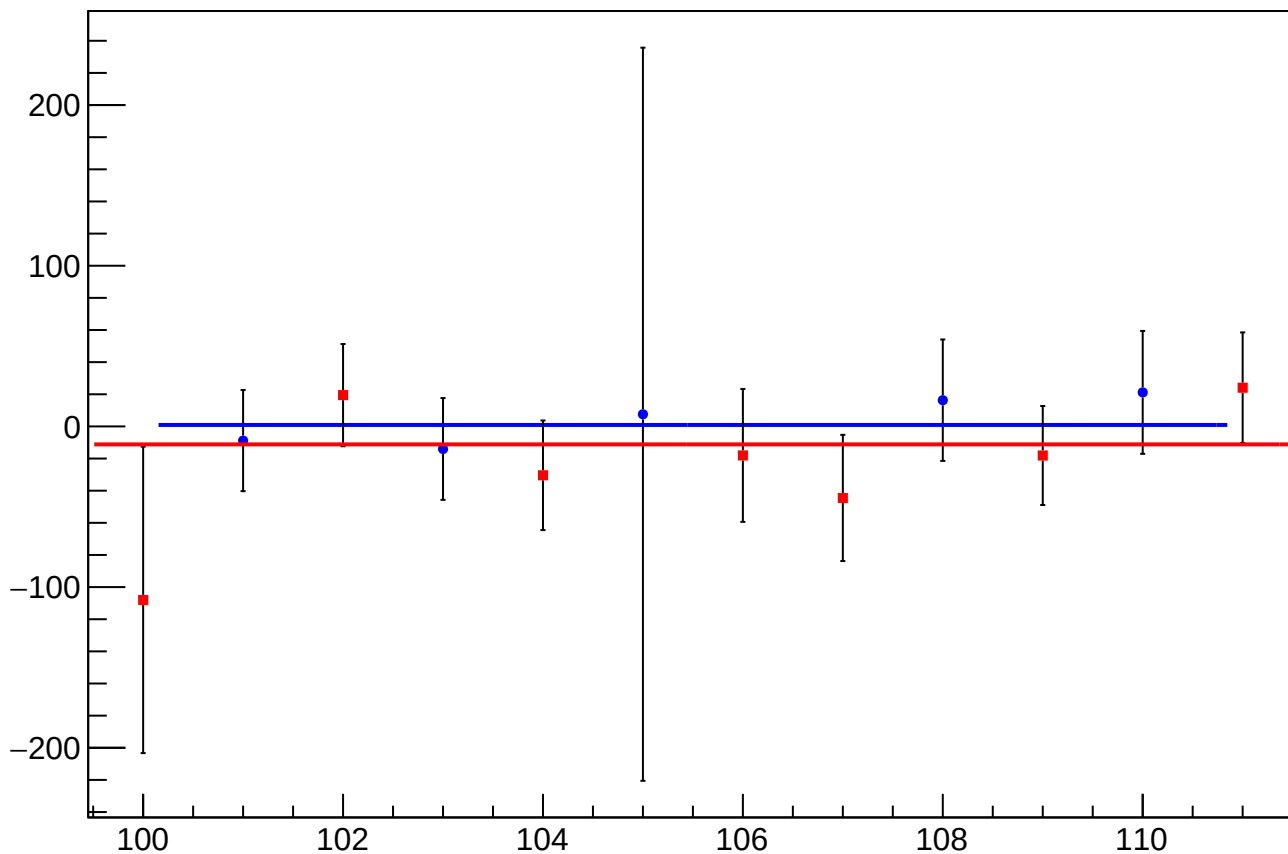
180.854+/-0.100 χ^2/NDF : 400892.4/4

Right Out: 155.994+/-0.075 χ^2/NDF : 736871.9/6

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

155.994+/-0.075 χ^2/NDF : 736871.9/6

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

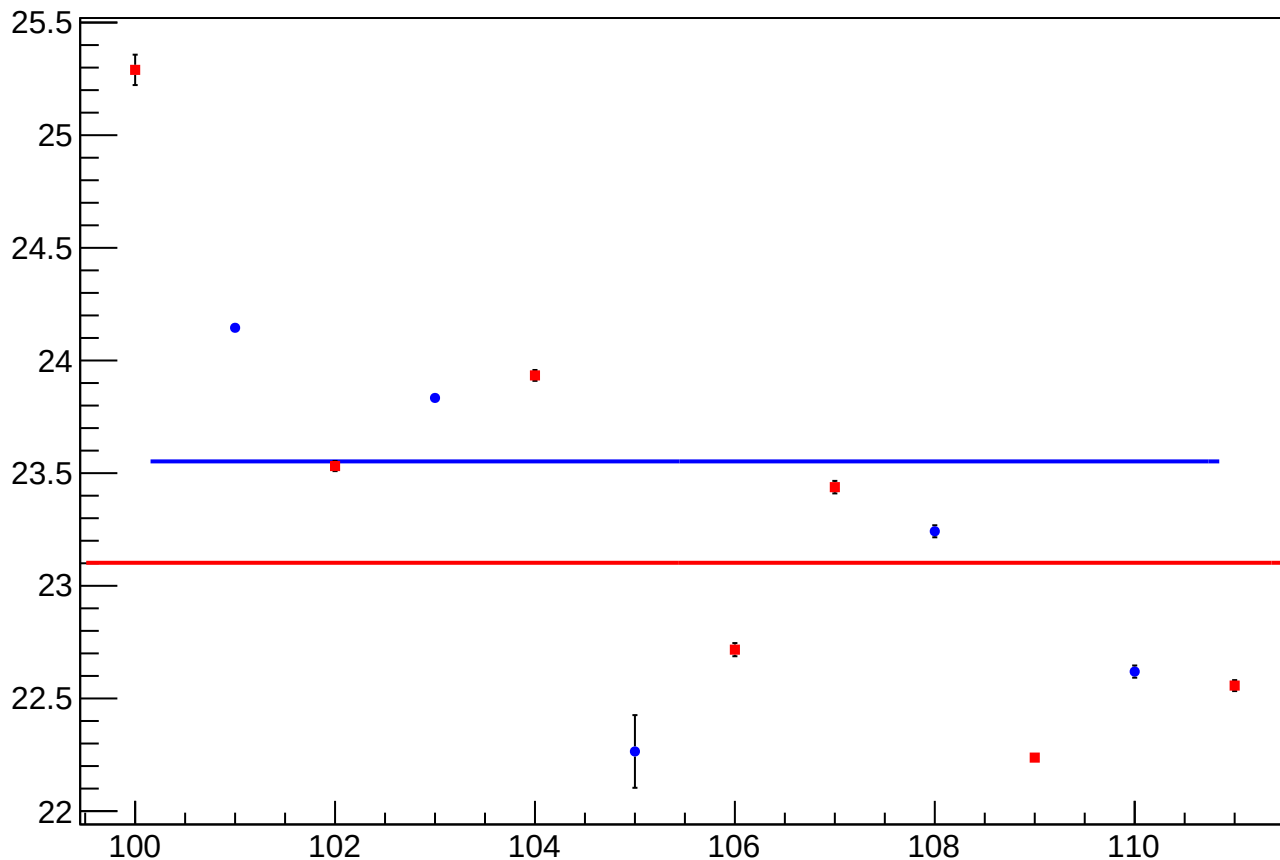
Right Out: -11.181+/-14.017 χ^2/NDF : 4.1/6

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

0.926+/-17.125 χ^2/NDF : 0.8/4

-11.181+/-14.017 χ^2/NDF : 4.1/6

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

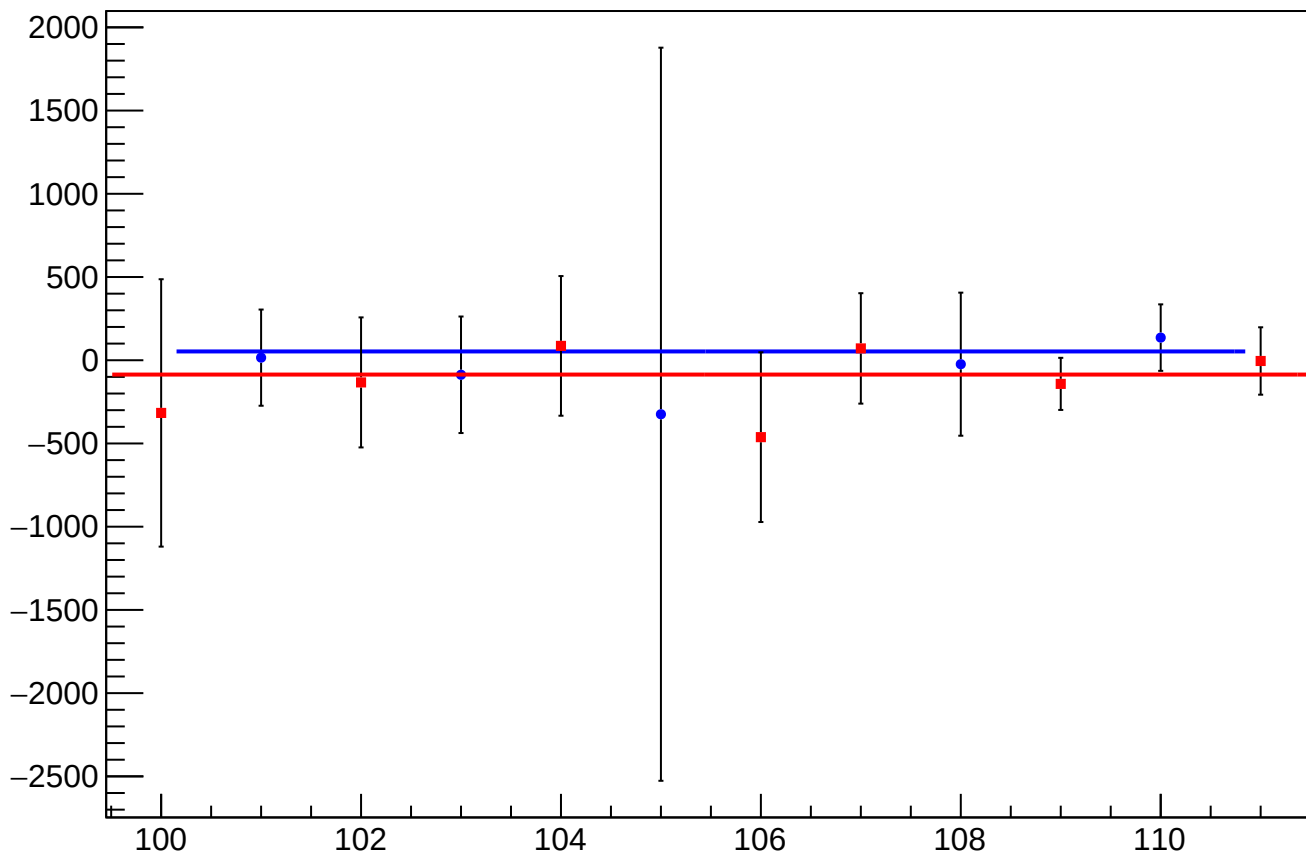
Right Out: 23.102+/-0.010 χ^2/NDF : 5004.6/6

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

23.552+/-0.012 χ^2/NDF : 2257.2/4

23.102+/-0.010 χ^2/NDF : 5004.6/6

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

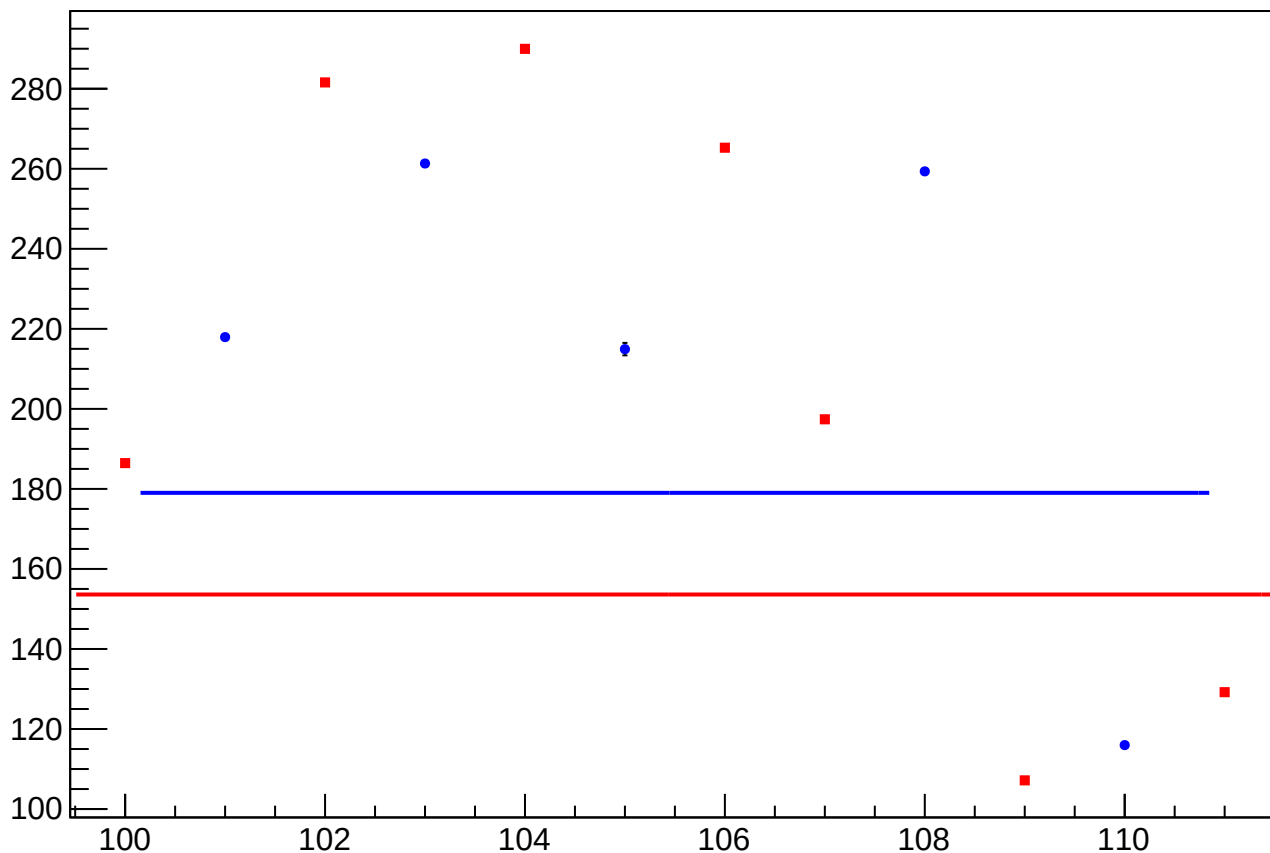
Right Out: -86.077+/-104.289 χ^2/NDF : 1.3/6

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

52.886+/-140.266 χ^2/NDF : 0.4/4

-86.077+/-104.289 χ^2/NDF : 1.3/6

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 179.017+/-0.099 χ^2/NDF : 416480.9/4

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

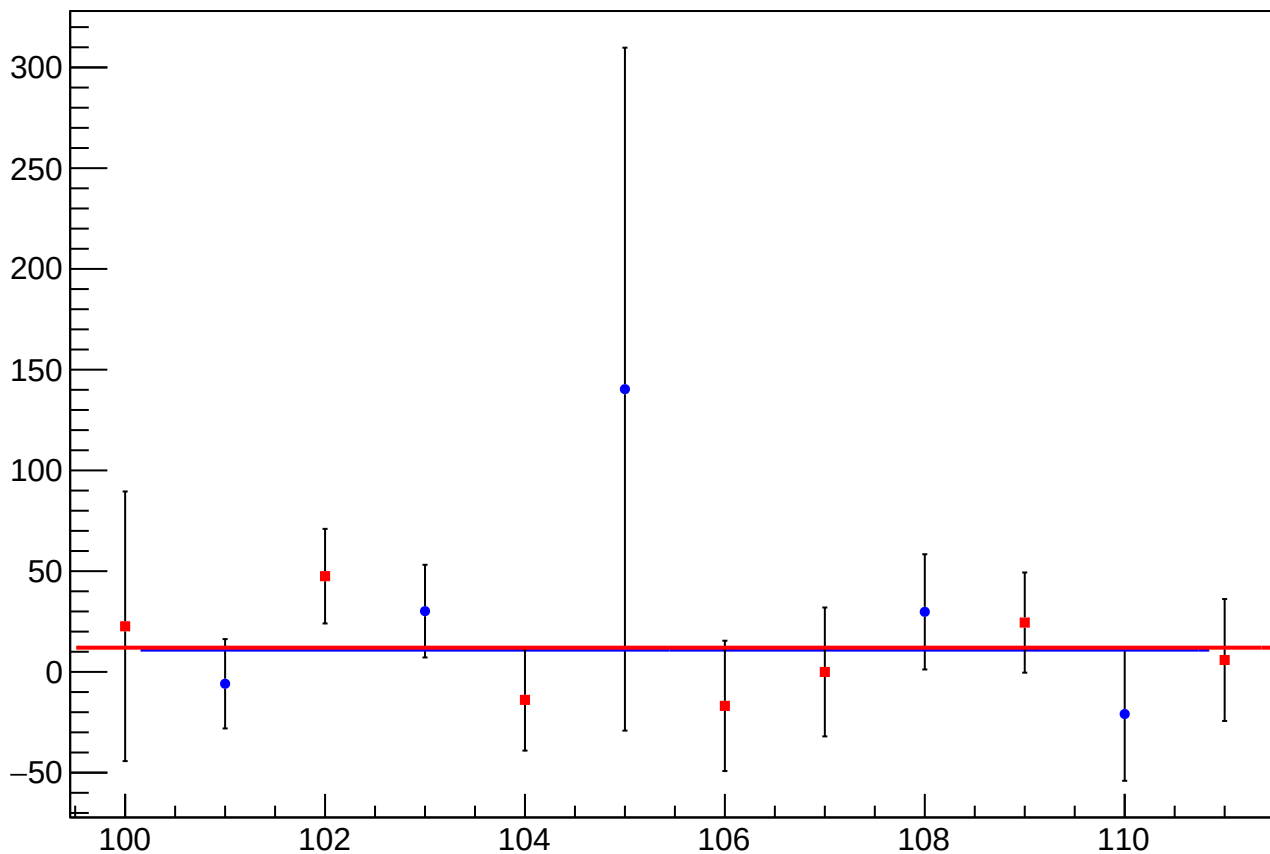
179.017+/-0.099 χ^2/NDF : 416480.9/4

Right Out: 153.611+/-0.074 χ^2/NDF : 765202.8/6

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

153.611+/-0.074 χ^2/NDF : 765202.8/6

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

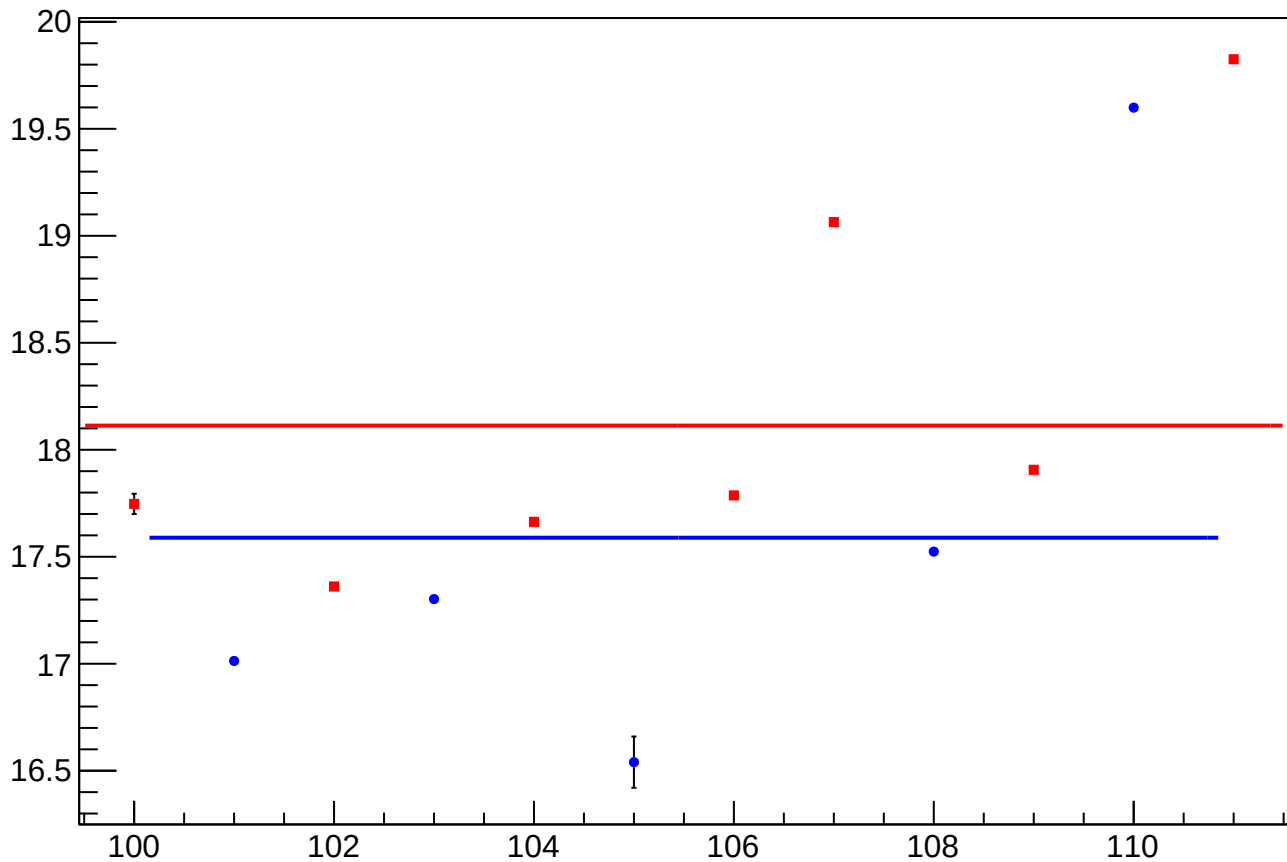
Right Out: 12.032+/-11.004 χ^2/NDF : 4.6/6

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

11.062+/-12.811 χ^2/NDF : 3.2/4

12.032+/-11.004 χ^2/NDF : 4.6/6

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 17.589+/-0.009 χ^2/NDF : 9100.2/4

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

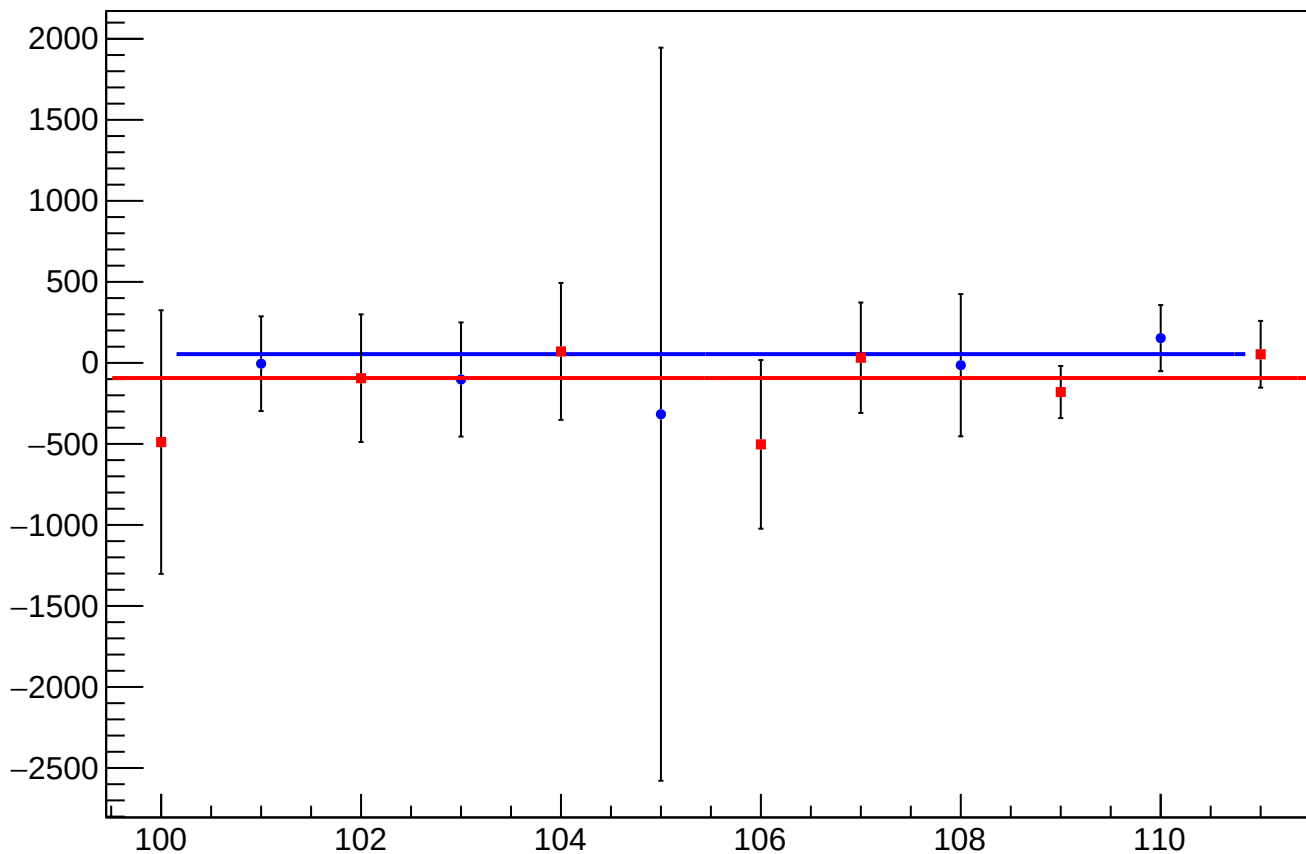
Right Out: 18.113+/-0.008 χ^2/NDF : 11264.3/6

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

17.589+/-0.009 χ^2/NDF : 9100.2/4

18.113+/-0.008 χ^2/NDF : 11264.3/6

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

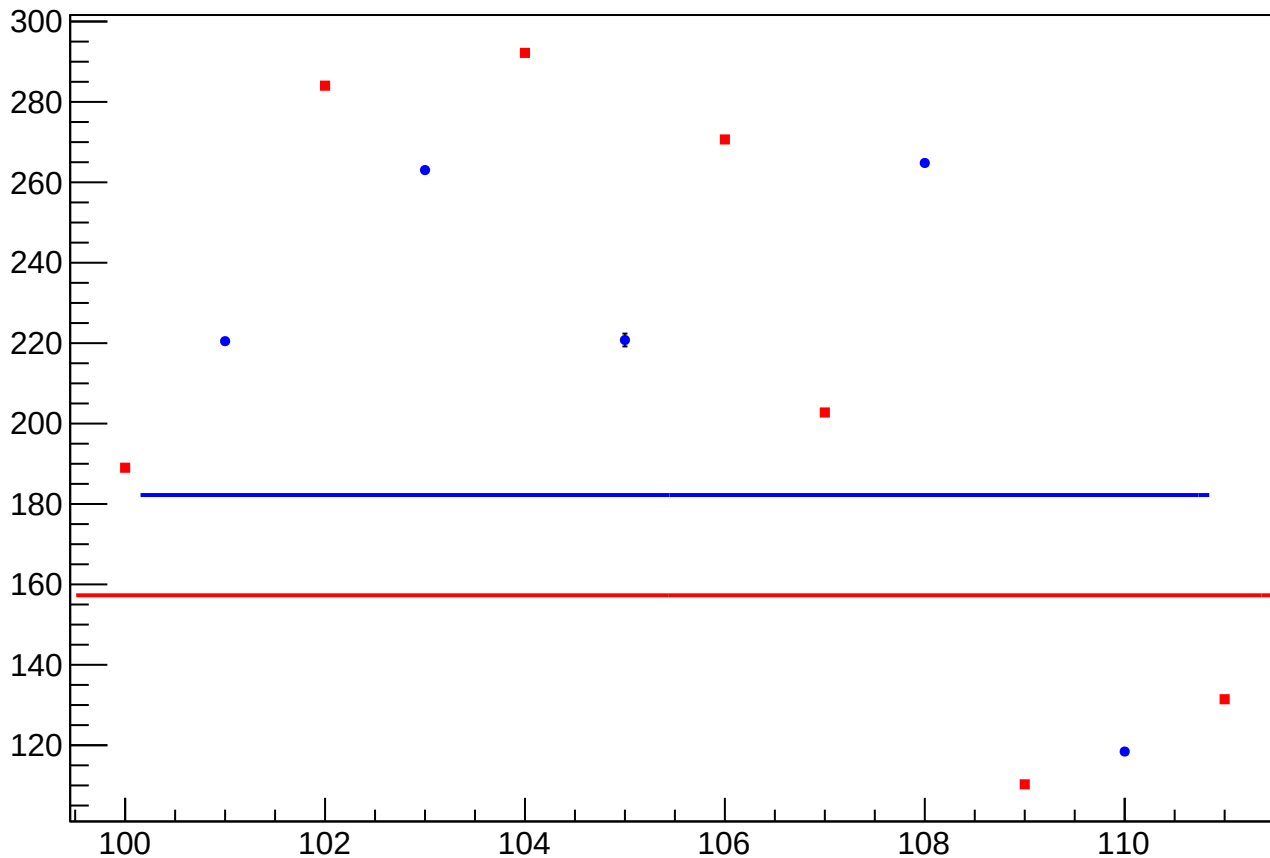
Right Out: -93.473+/-106.501 χ^2/NDF : 1.9/6

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

54.147+/-142.534 χ^2/NDF : 0.5/4

-93.473+/-106.501 χ^2/NDF : 1.9/6

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 182.228+/-0.101 χ^2/NDF : 406925.0/4

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

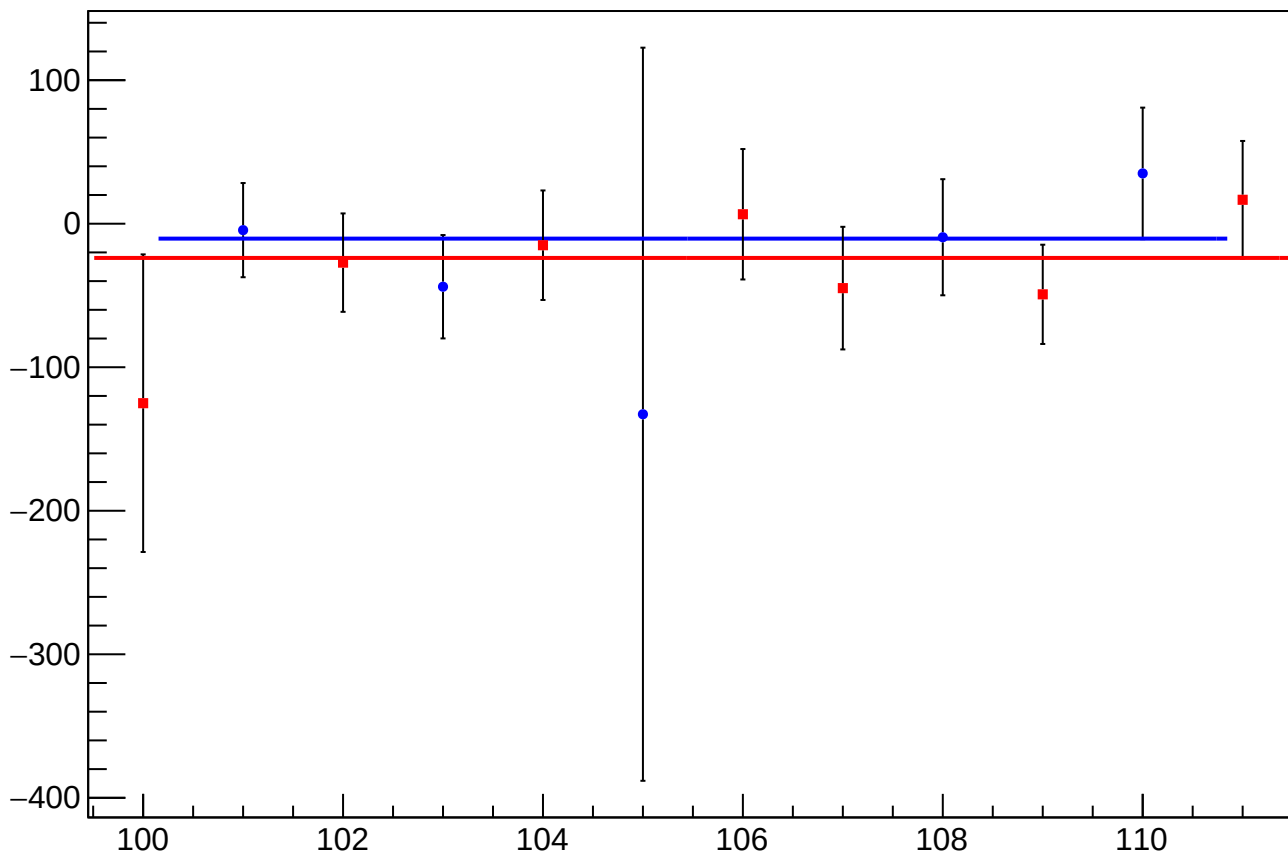
182.228+/-0.101 χ^2/NDF : 406925.0/4

Right Out: 157.289+/-0.075 χ^2/NDF : 747046.1/6

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

157.289+/-0.075 χ^2/NDF : 747046.1/6

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

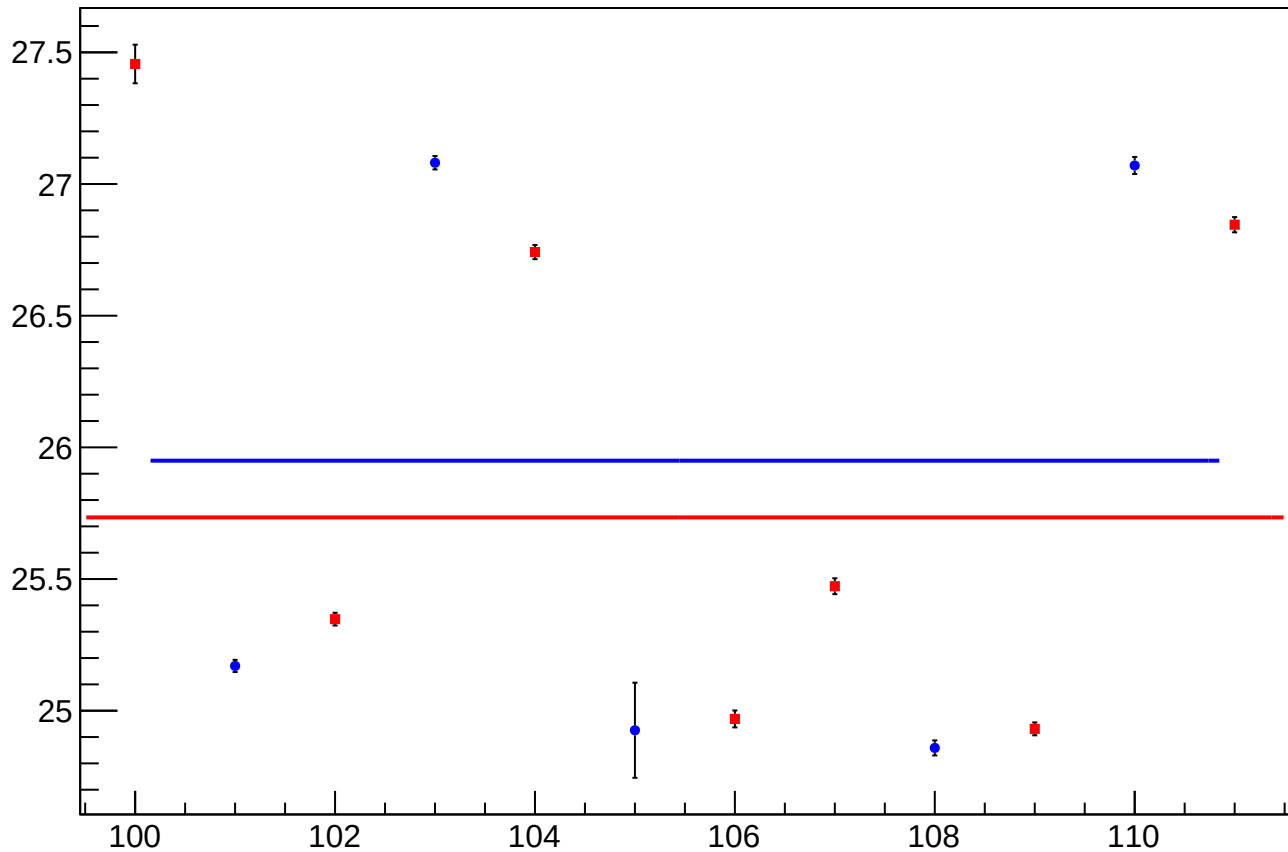
-10.390+/-18.891 χ^2/NDF : 2.1/4

Right Out: -23.848+/-15.628 χ^2/NDF : 3.2/6

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

-23.848+/-15.628 χ^2/NDF : 3.2/6

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 25.950+/-0.013 χ^2/NDF : 5784.8/4

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

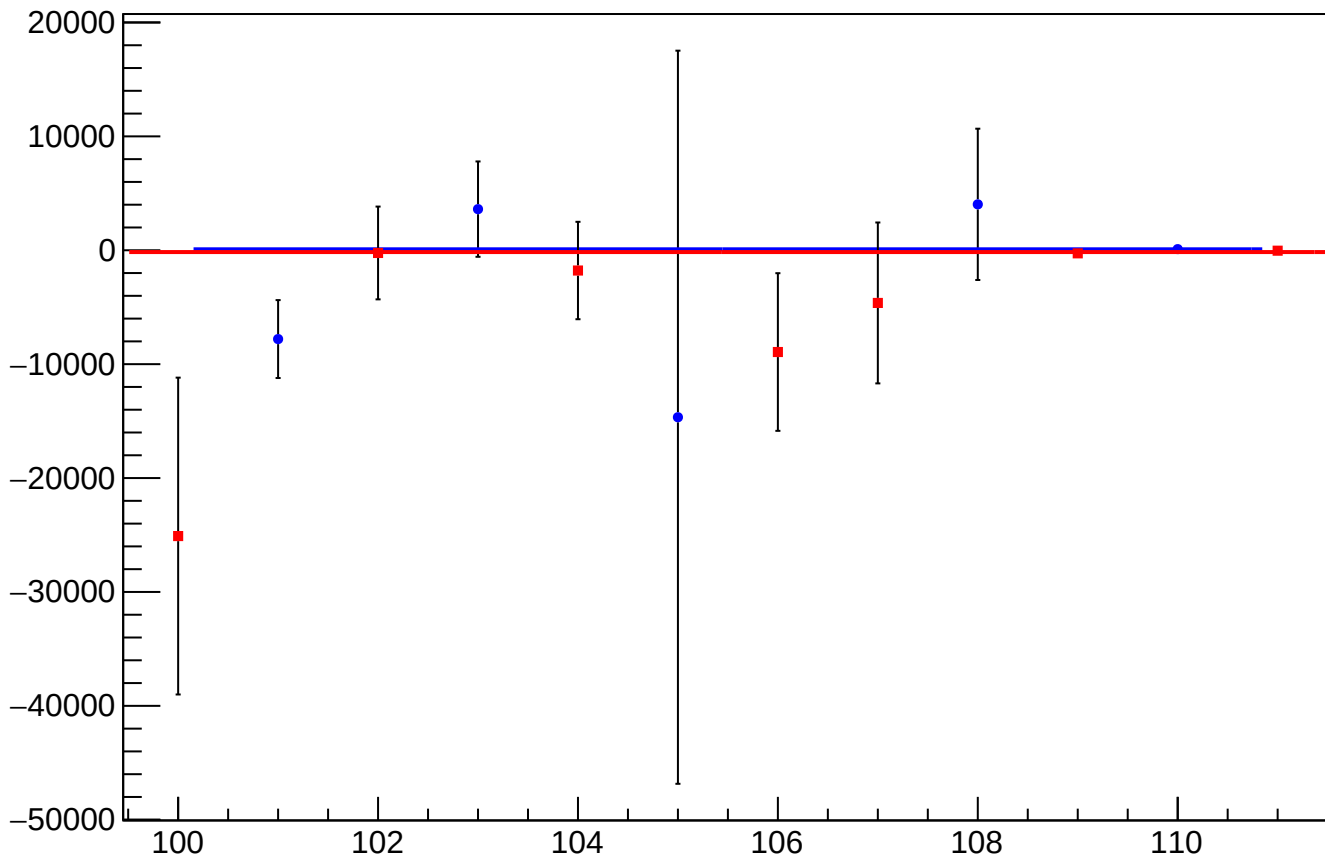
Right Out: 25.734+/-0.011 χ^2/NDF : 5391.4/6

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

25.950+/-0.013 χ^2/NDF : 5784.8/4

25.734+/-0.011 χ^2/NDF : 5391.4/6

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

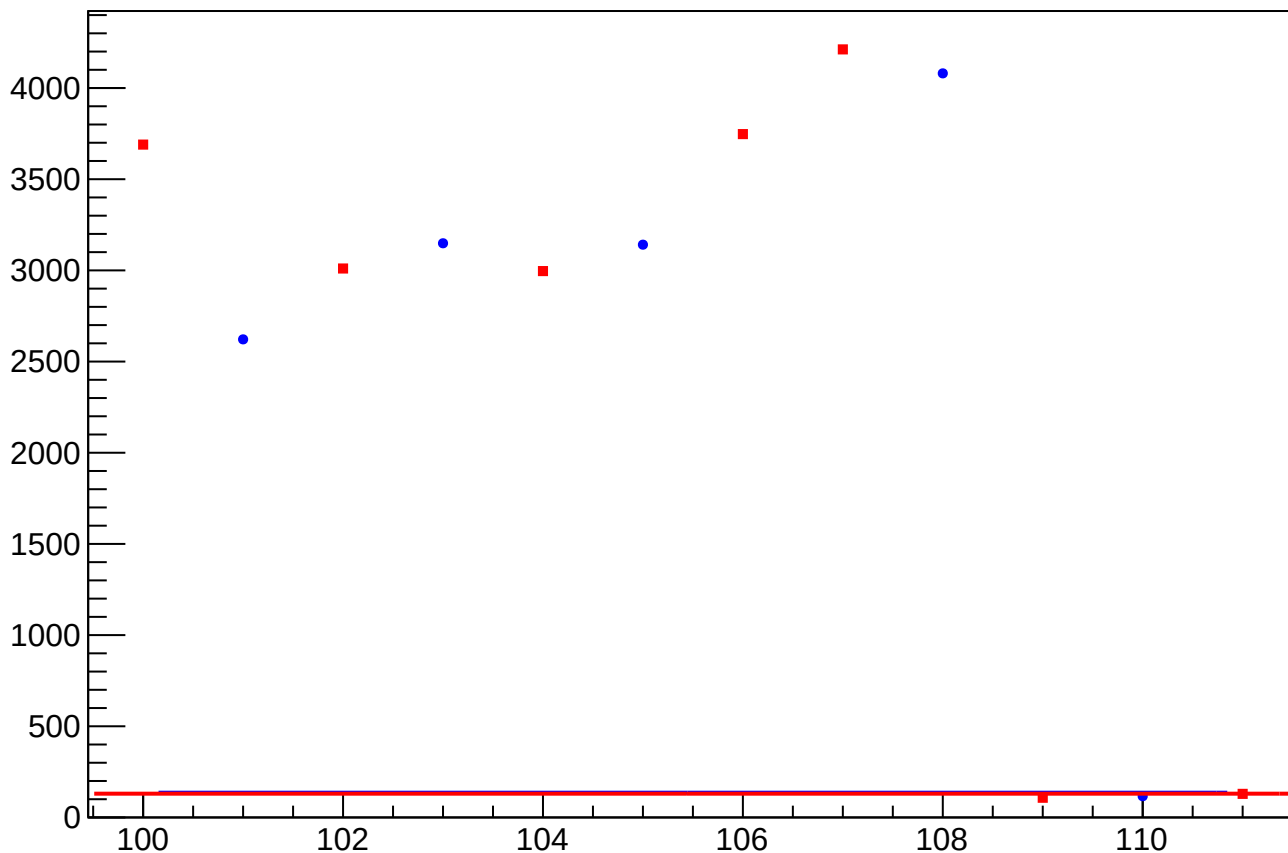
Right Out: -157.801+/-147.383 χ^2/NDF : 6.0/6

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

84.362+/-199.992 χ^2/NDF : 6.6/4

-157.801+/-147.383 χ^2/NDF : 6.0/6

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

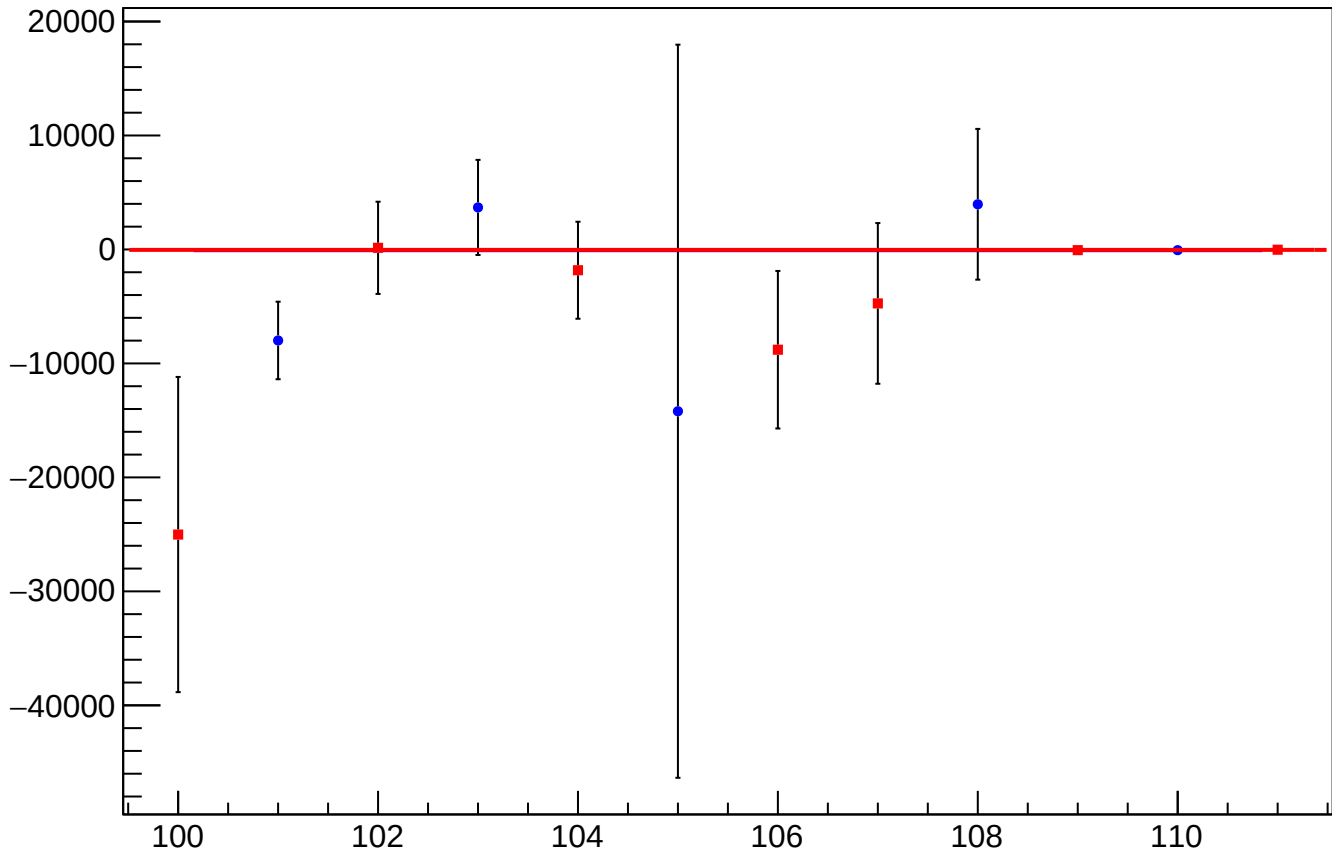
135.754+/-0.141 χ^2/NDF : 2833899.9/4

Right Out: 130.387+/-0.104 χ^2/NDF : 3264963.5/6

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

130.387+/-0.104 χ^2/NDF : 3264963.5/6

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

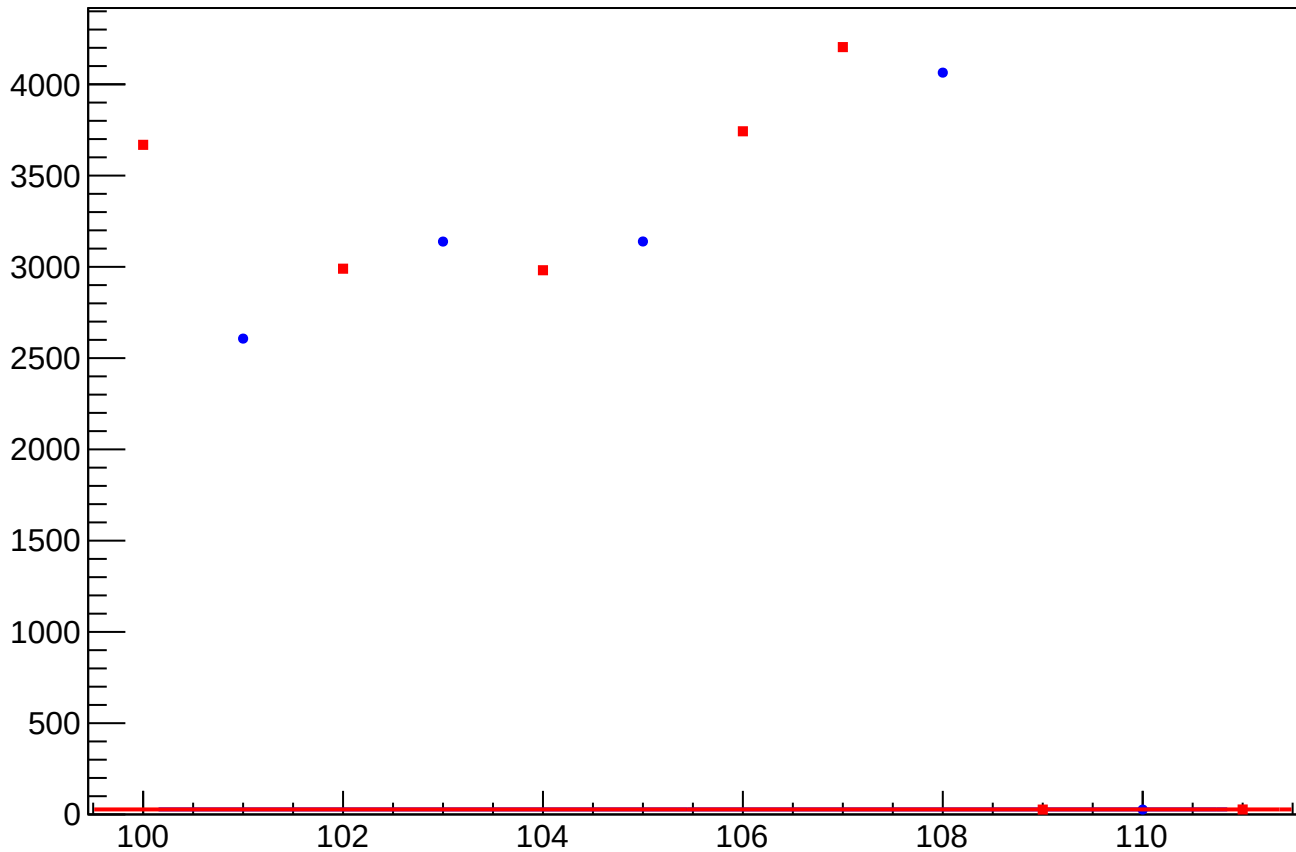
Right Out: -38.001+/-32.455 χ^2 /NDF: 5.8/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-64.626+/-45.132 χ^2 /NDF: 6.8/4

-38.001+/-32.455 χ^2 /NDF: 5.8/6

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

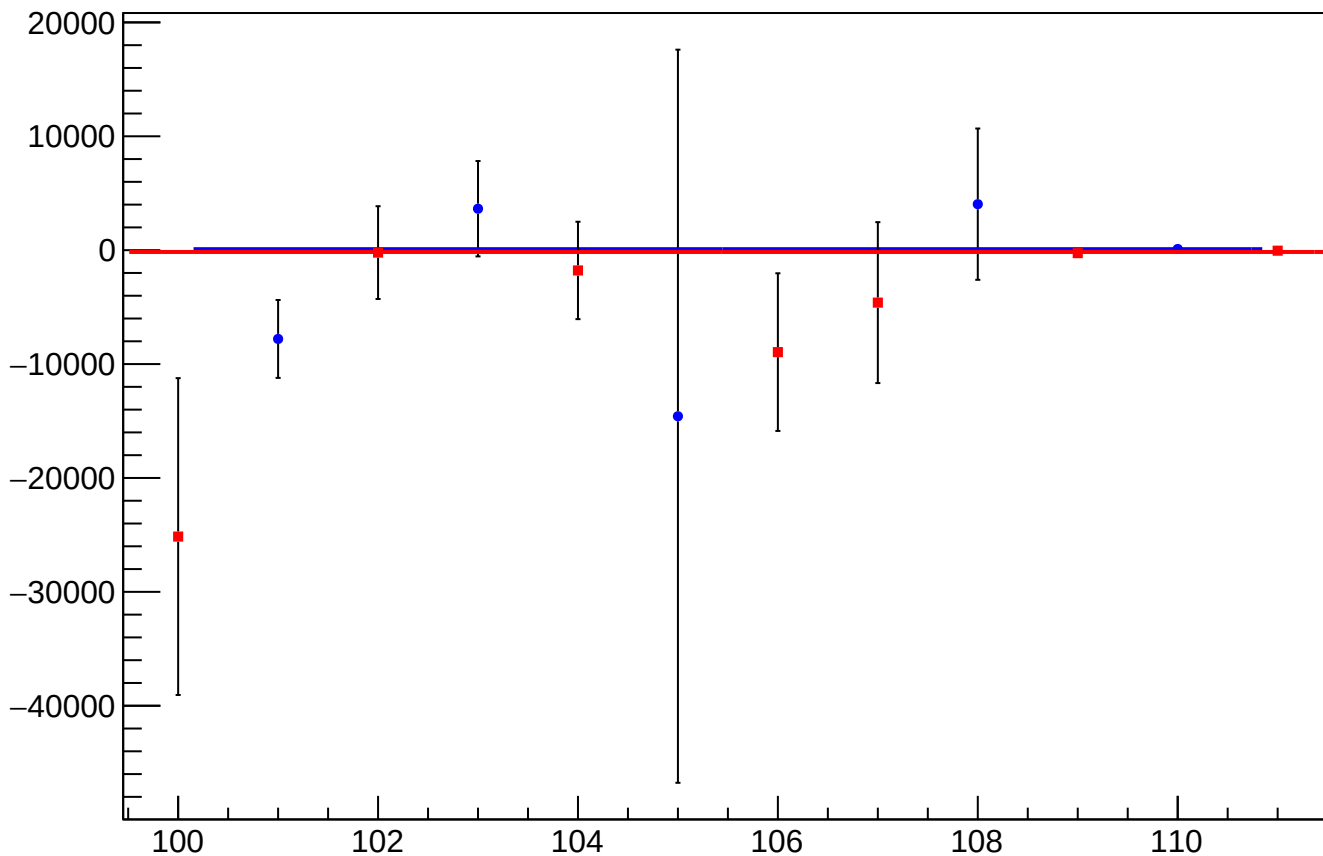
27.683+/-0.032 χ^2/NDF : 3026478.5/4

Right Out: 27.521+/-0.023 χ^2/NDF : 3455698.6/6

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

27.521+/-0.023 χ^2/NDF : 3455698.6/6

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

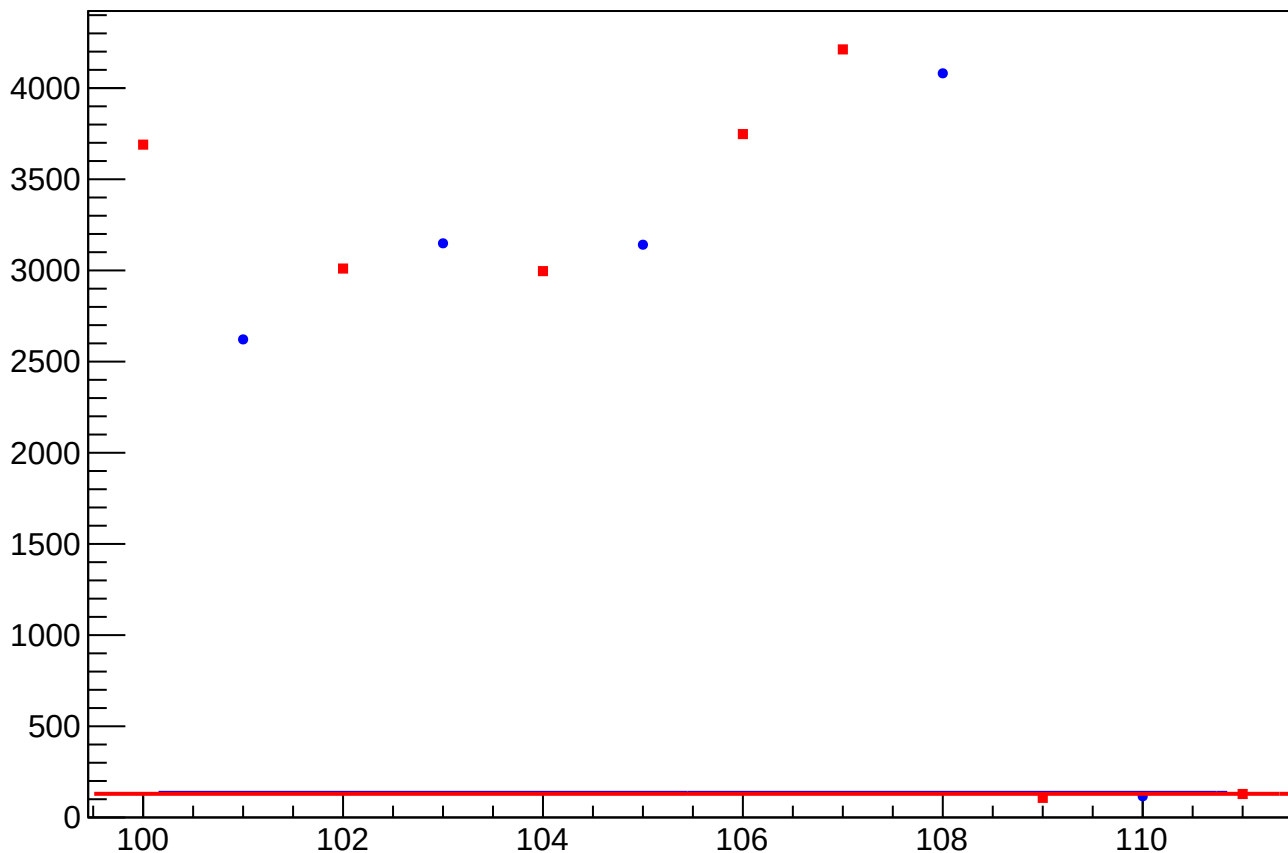
Right Out: -156.641+/-146.584 χ^2/NDF : 5.9/6

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

88.398+/-198.946 χ^2/NDF : 6.6/4

-156.641+/-146.584 χ^2/NDF : 5.9/6

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 134.944 $\pm$ 0.141 χ^2 /NDF: 2835271.2/4

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

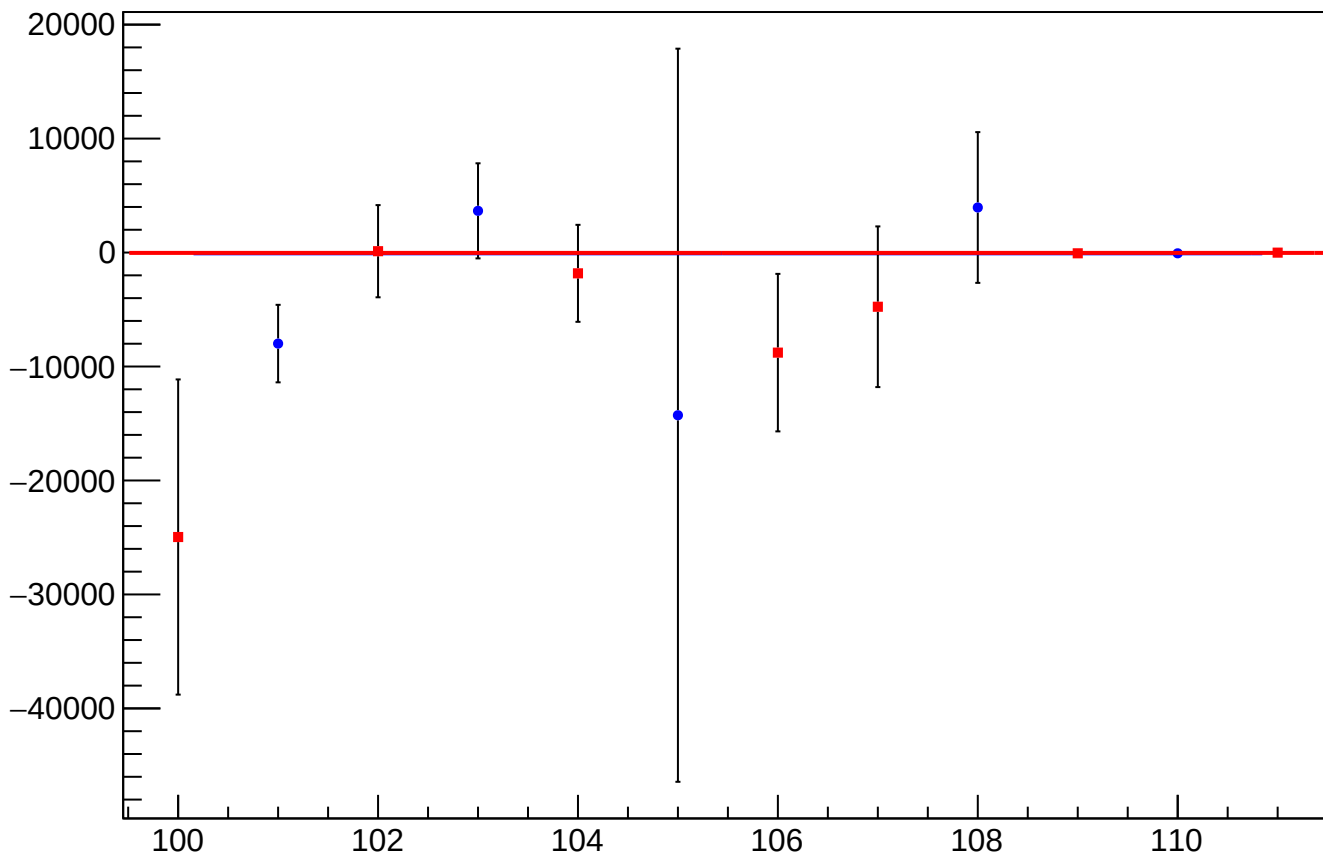
134.944 $\pm$ 0.141 χ^2 /NDF: 2835271.2/4

Right Out: 129.607 $\pm$ 0.104 χ^2 /NDF: 3266479.0/6

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

129.607 $\pm$ 0.104 χ^2 /NDF: 3266479.0/6

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

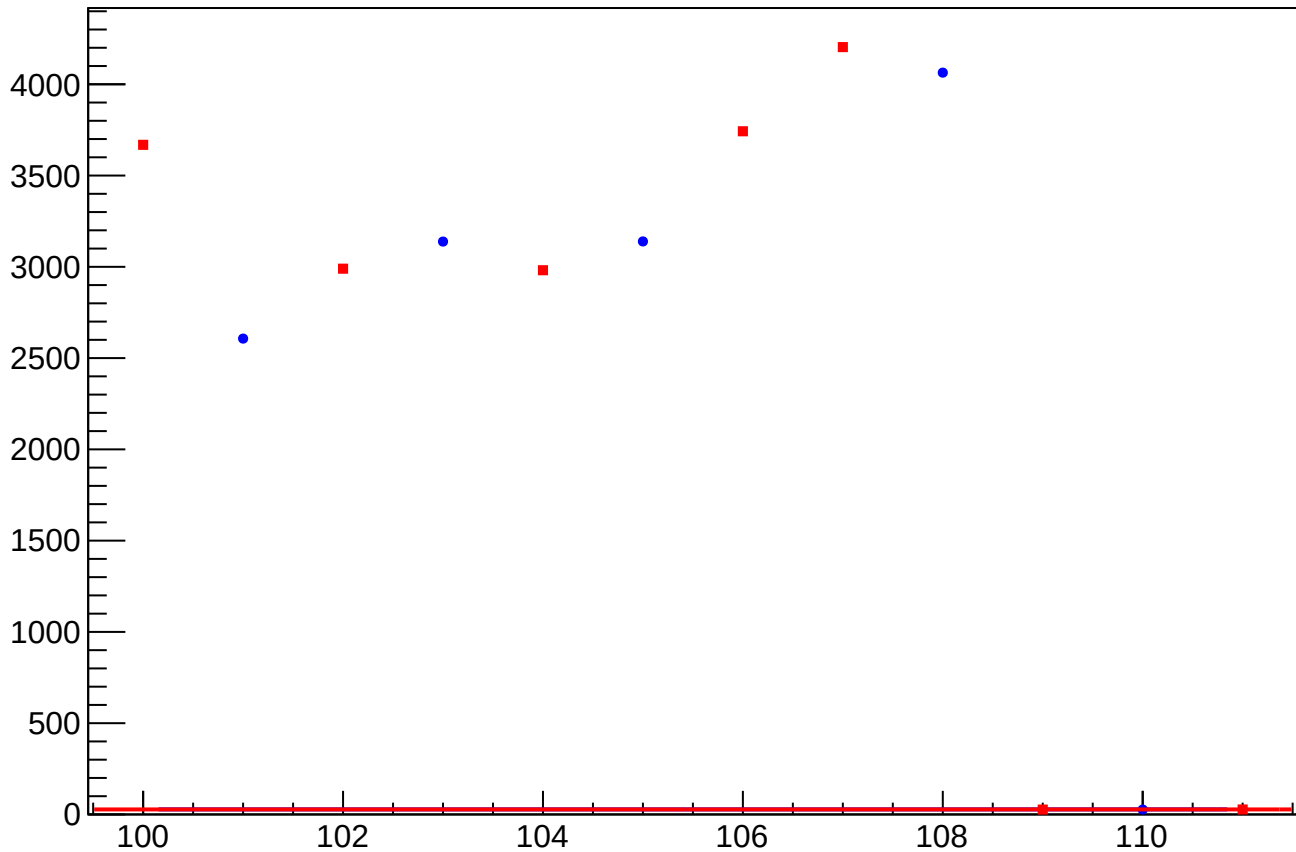
Right Out: -31.117+/-32.462 χ^2 /NDF: 6.3/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-67.343+/-45.256 χ^2 /NDF: 6.8/4

-31.117+/-32.462 χ^2 /NDF: 6.3/6

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 27.761 $\pm$ 0.032 χ^2 /NDF: 3026325.1/4

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

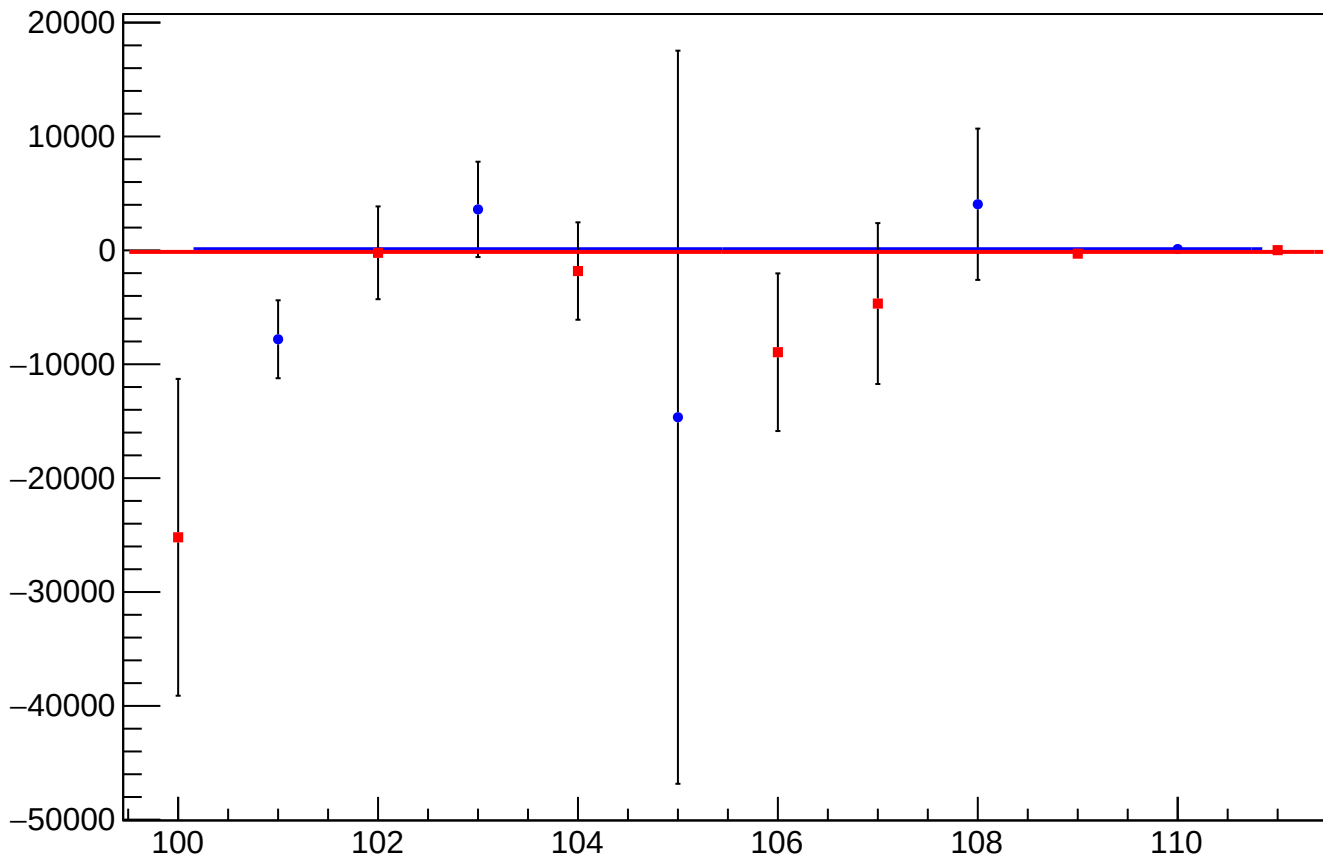
27.761 $\pm$ 0.032 χ^2 /NDF: 3026325.1/4

Right Out: 27.526 $\pm$ 0.023 χ^2 /NDF: 3455694.7/6

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

27.526 $\pm$ 0.023 χ^2 /NDF: 3455694.7/6

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

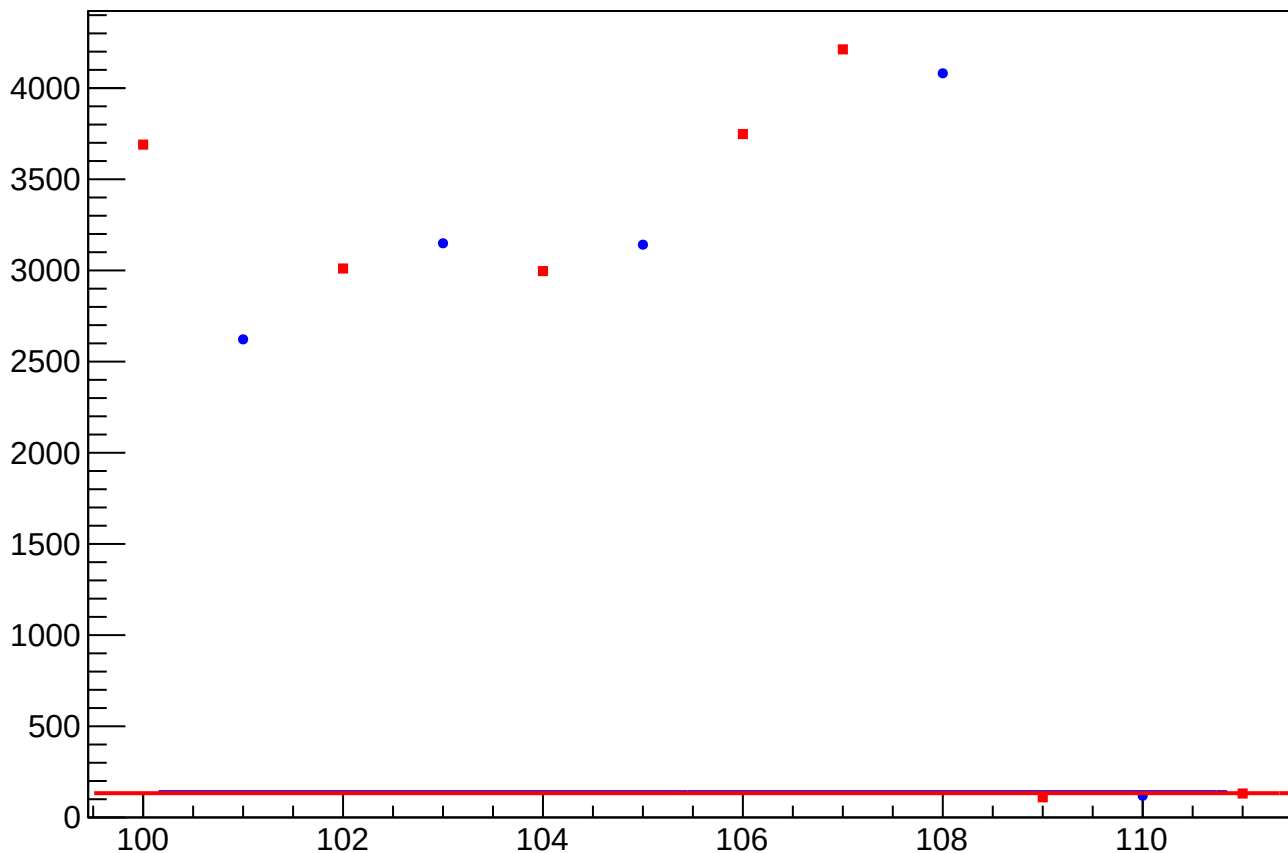
Right Out: -134.781+/-150.009 χ^2 /NDF: 6.5/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

100.338+/-203.739 χ^2 /NDF: 6.6/4

-134.781+/-150.009 χ^2 /NDF: 6.5/6

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

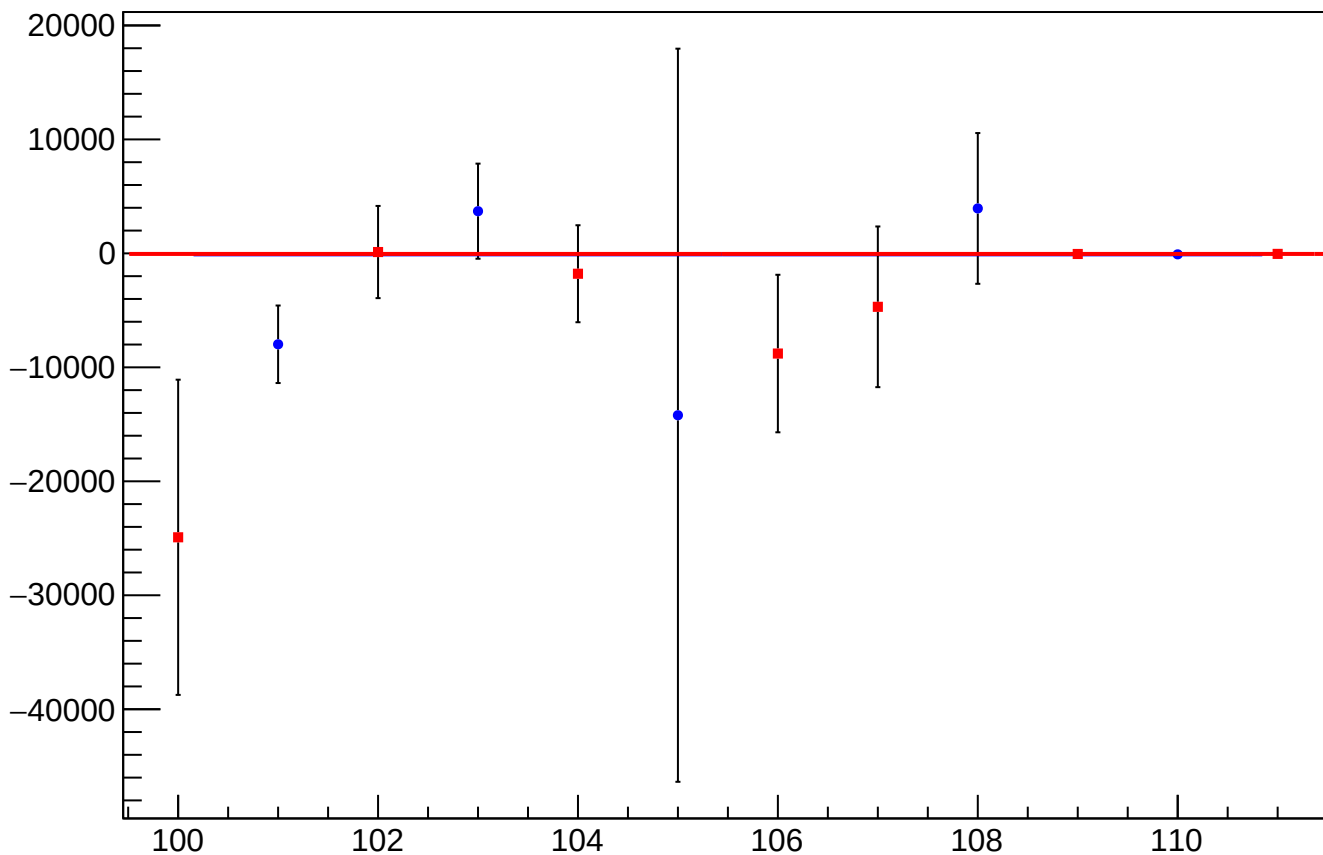
138.718+/-0.144 χ^2/NDF : 2828932.6/4

Right Out: 133.075+/-0.106 χ^2/NDF : 3259044.3/6

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

133.075+/-0.106 χ^2/NDF : 3259044.3/6

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

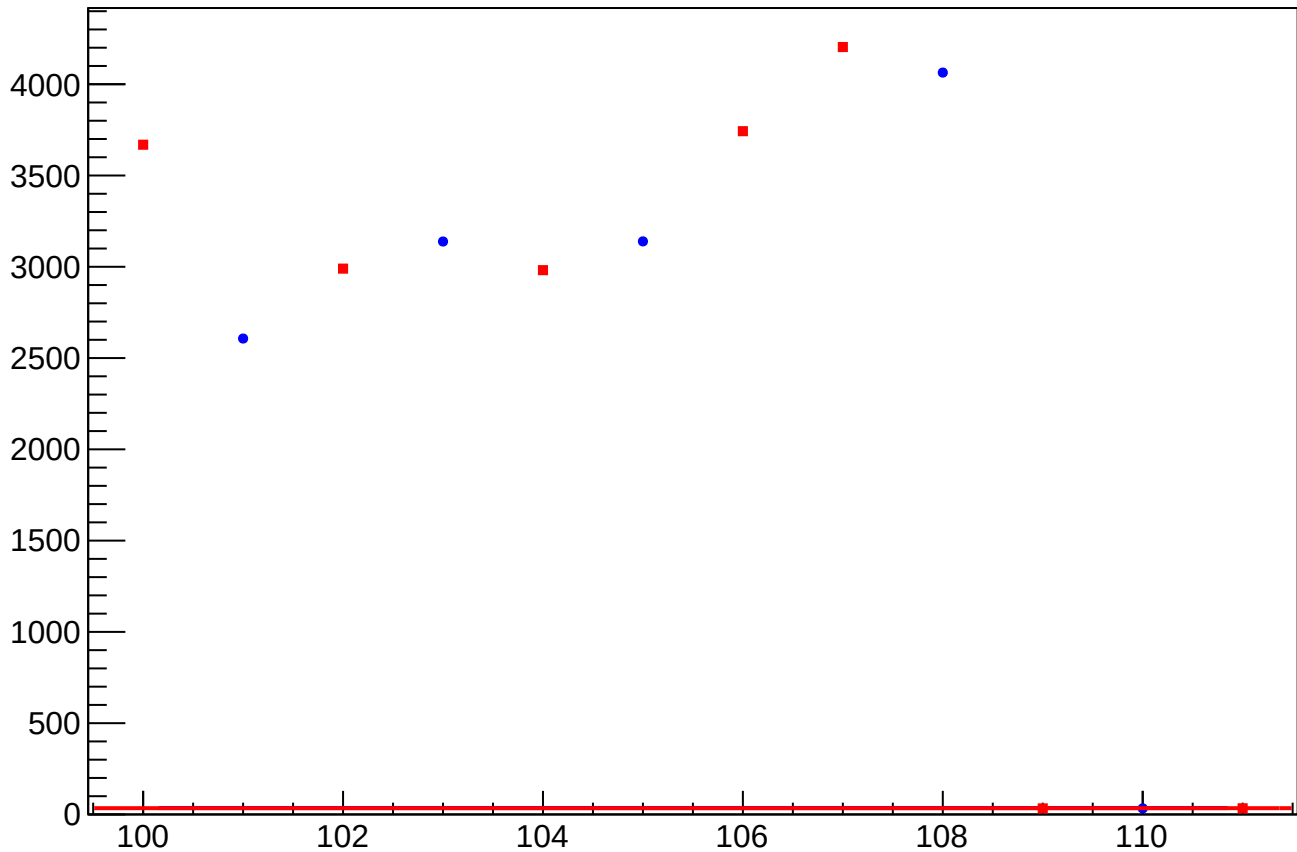
Right Out: -49.155+/-40.277 χ^2 /NDF: 5.4/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-86.681+/-56.336 χ^2 /NDF: 6.8/4

-49.155+/-40.277 χ^2 /NDF: 5.4/6

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

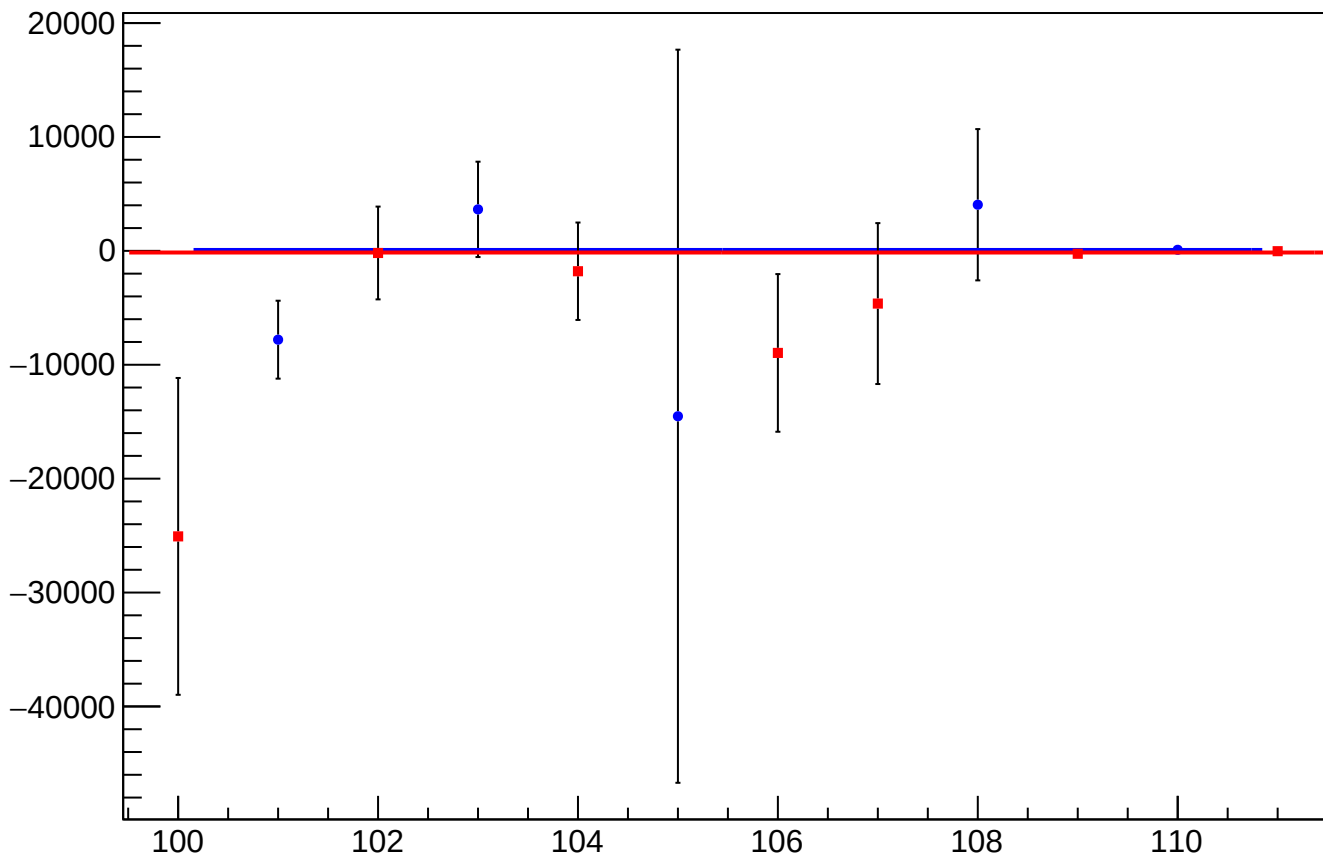
34.891+/-0.040 χ^2/NDF : 3012720.2/4

Right Out: 34.347+/-0.028 χ^2/NDF : 3441639.3/6

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

34.347+/-0.028 χ^2/NDF : 3441639.3/6

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

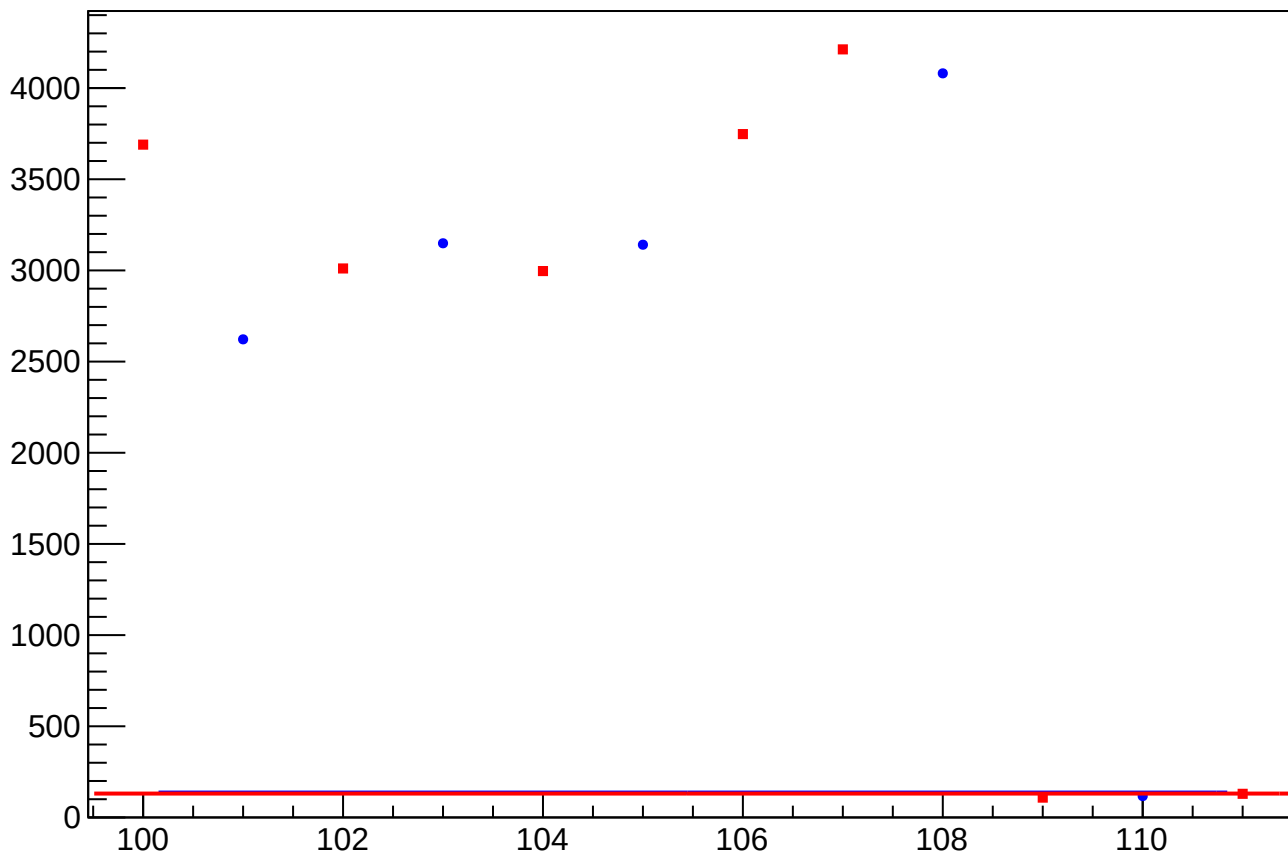
Right Out: -144.768+/-147.911 χ^2/NDF : 6.0/6

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

78.354+/-200.874 χ^2/NDF : 6.6/4

-144.768+/-147.911 χ^2/NDF : 6.0/6

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 136.474+/-0.142 χ^2/NDF : 2832696.4/4

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

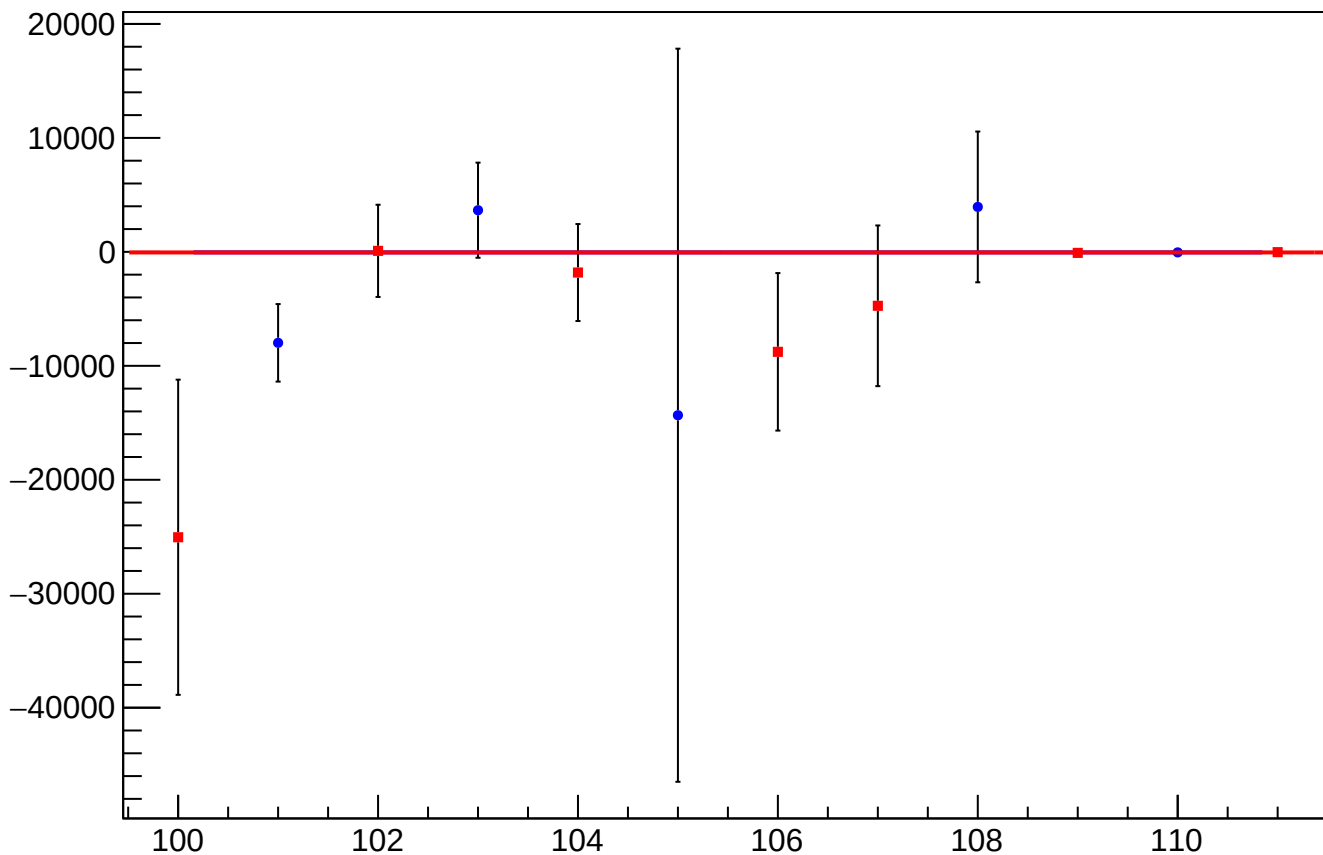
136.474+/-0.142 χ^2/NDF : 2832696.4/4

Right Out: 130.997+/-0.105 χ^2/NDF : 3263328.9/6

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

130.997+/-0.105 χ^2/NDF : 3263328.9/6

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

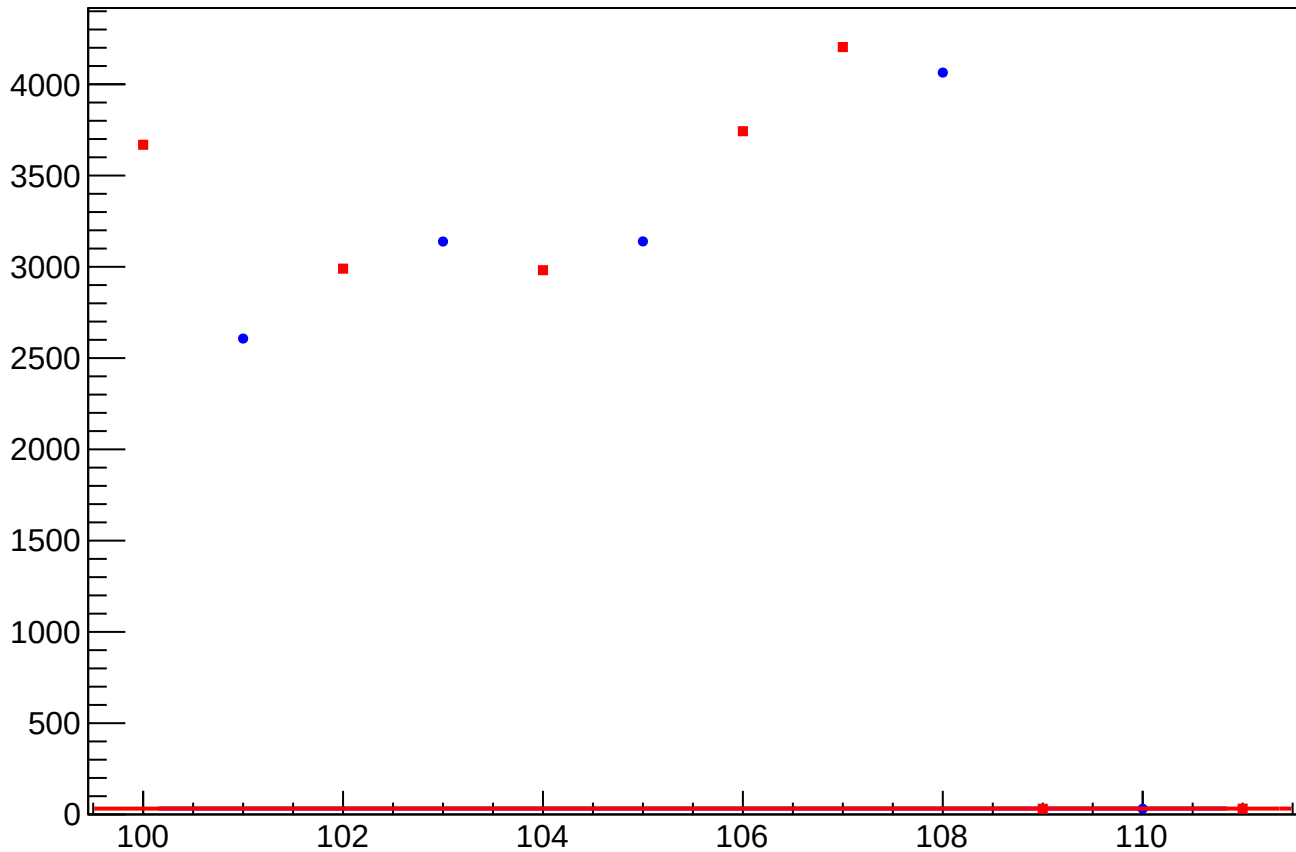
Right Out: -50.421+/-37.739 χ^2 /NDF: 6.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-45.913+/-52.687 χ^2 /NDF: 6.8/4

-50.421+/-37.739 χ^2 /NDF: 6.1/6

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

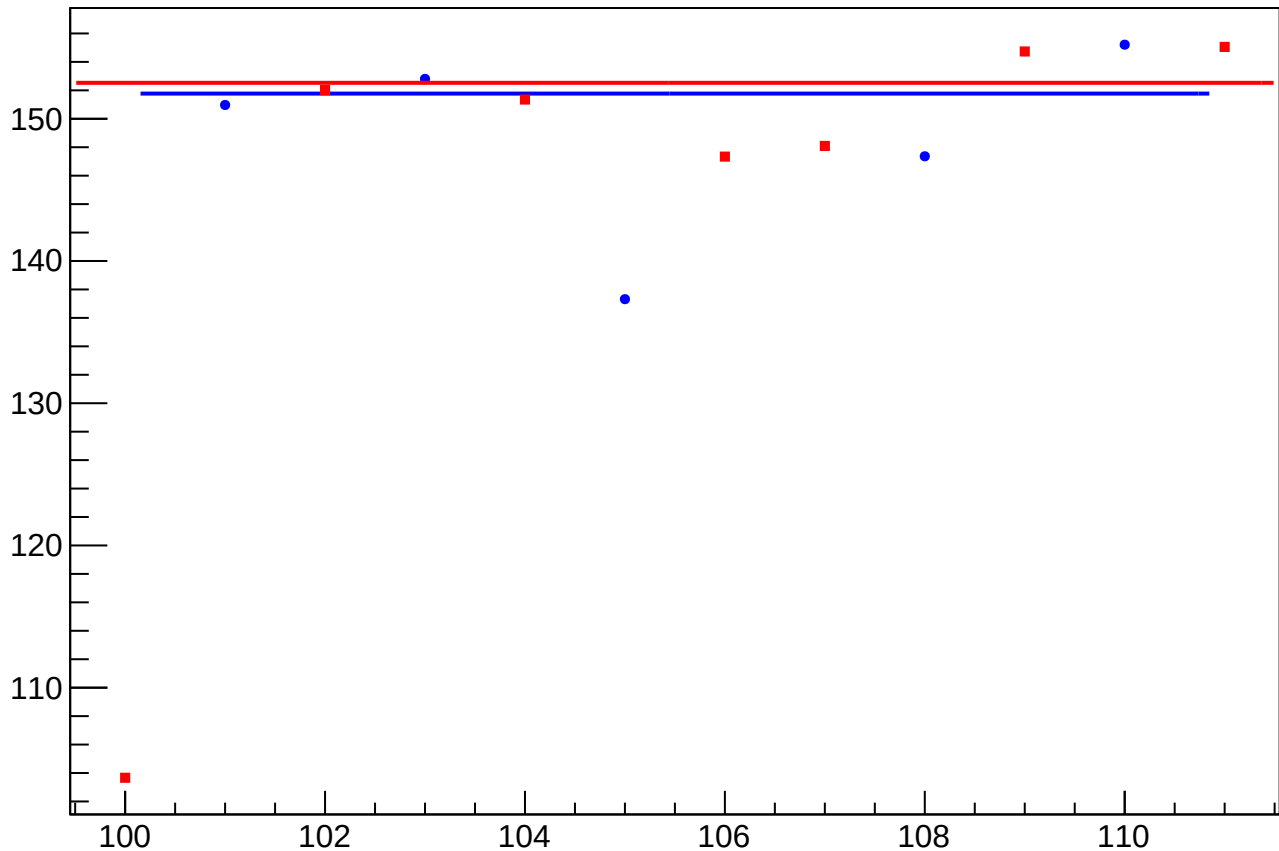
32.535+/-0.037 χ^2/NDF : 3017203.5/4

Right Out: 32.125+/-0.027 χ^2/NDF : 3446288.6/6

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

32.125+/-0.027 χ^2/NDF : 3446288.6/6

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

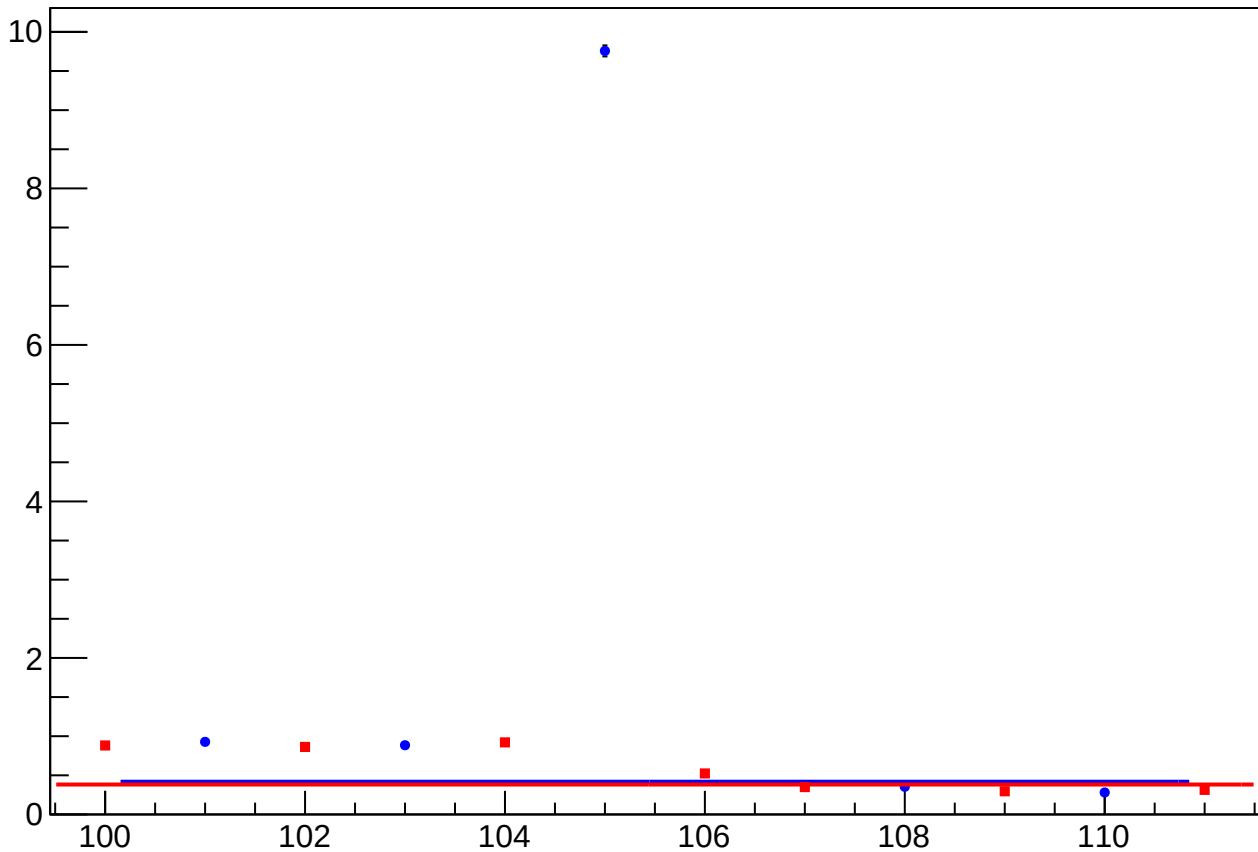
151.771+/-0.000 χ^2/NDF : 98485570.7/4

Right Out: 152.529+/-0.000 χ^2/NDF : 344492213.3/6

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

152.529+/-0.000 χ^2/NDF : 344492213.3/6

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

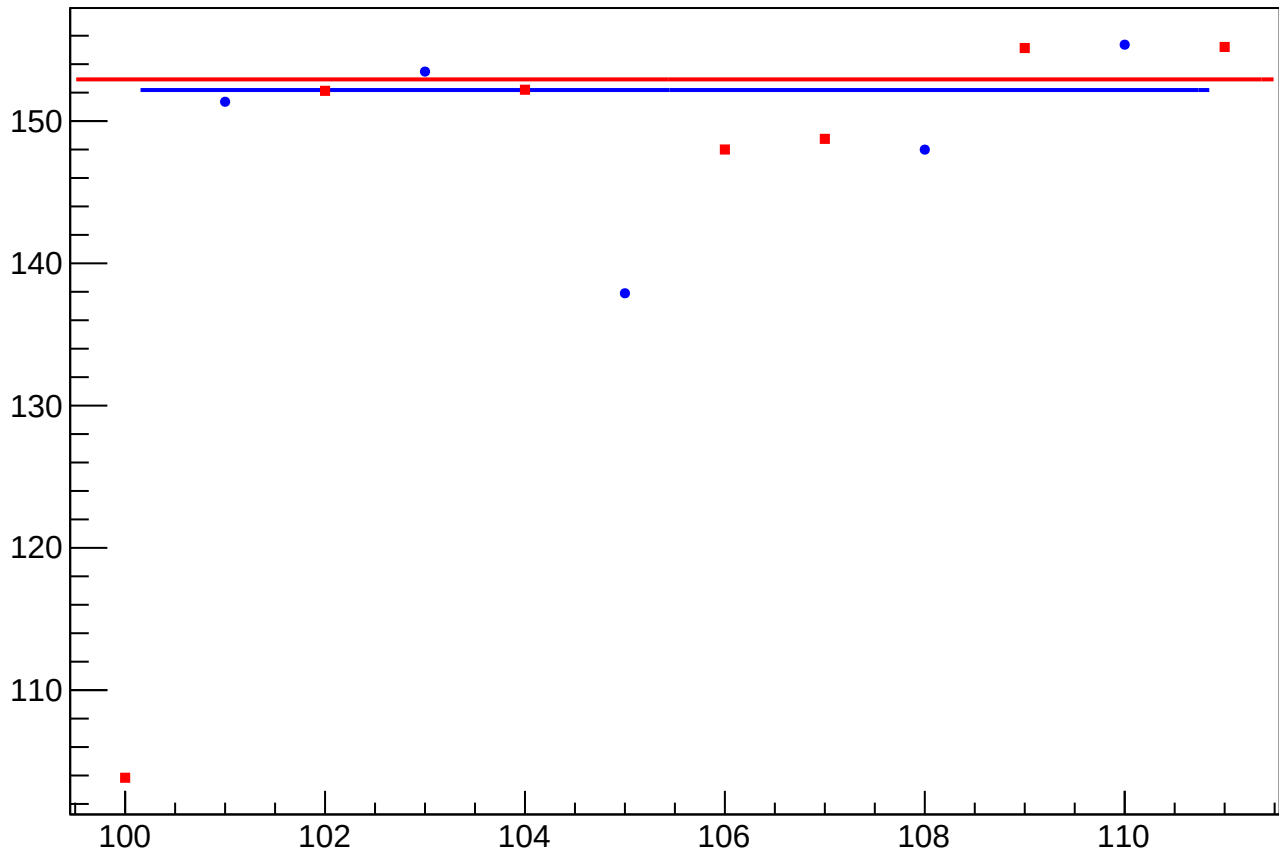
0.418+/-0.000 χ^2/NDF : 831679.1/4

Right Out: 0.382+/-0.000 χ^2/NDF : 857750.7/6

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

0.382+/-0.000 χ^2/NDF : 857750.7/6

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

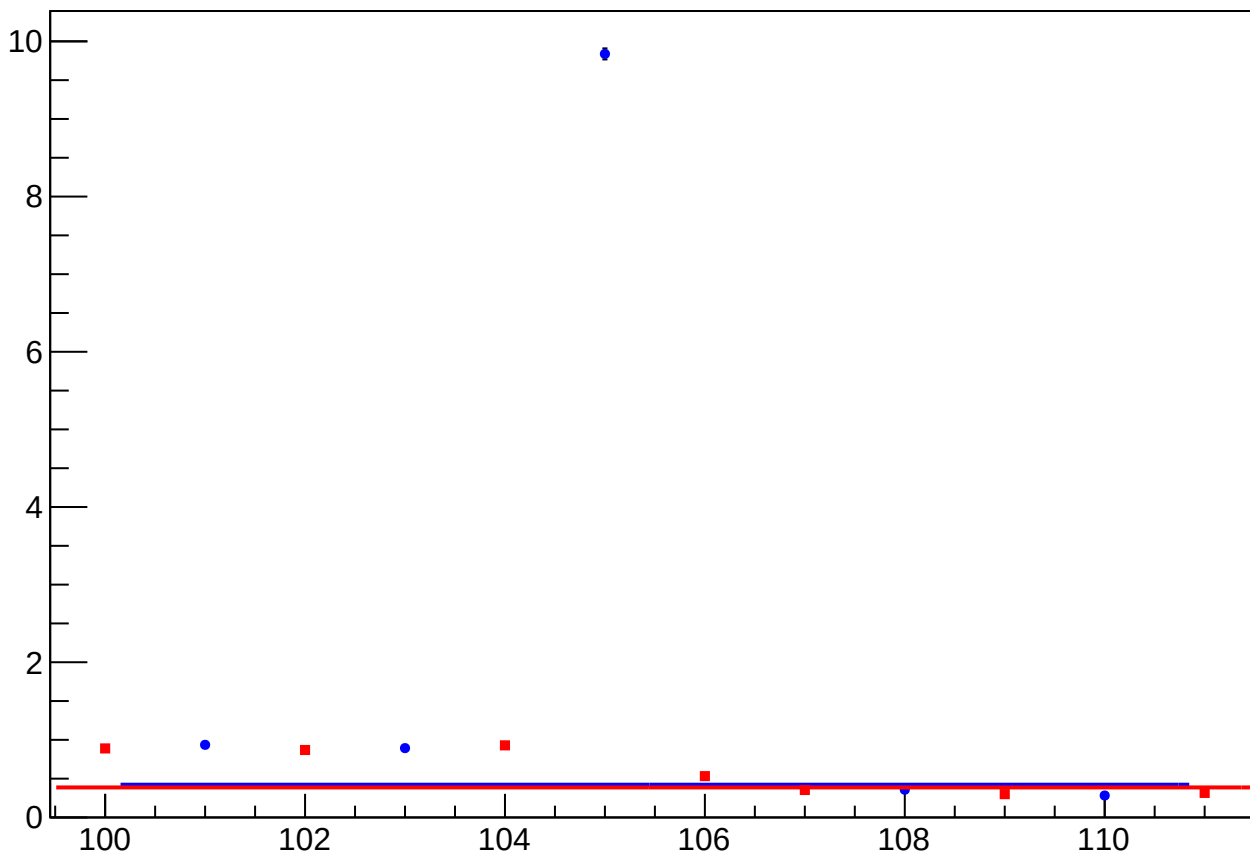
152.182+/-0.000 χ^2/NDF : 86076925.8/4

Right Out: 152.930+/-0.000 χ^2/NDF : 326433642.0/6

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

152.930+/-0.000 χ^2/NDF : 326433642.0/6

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

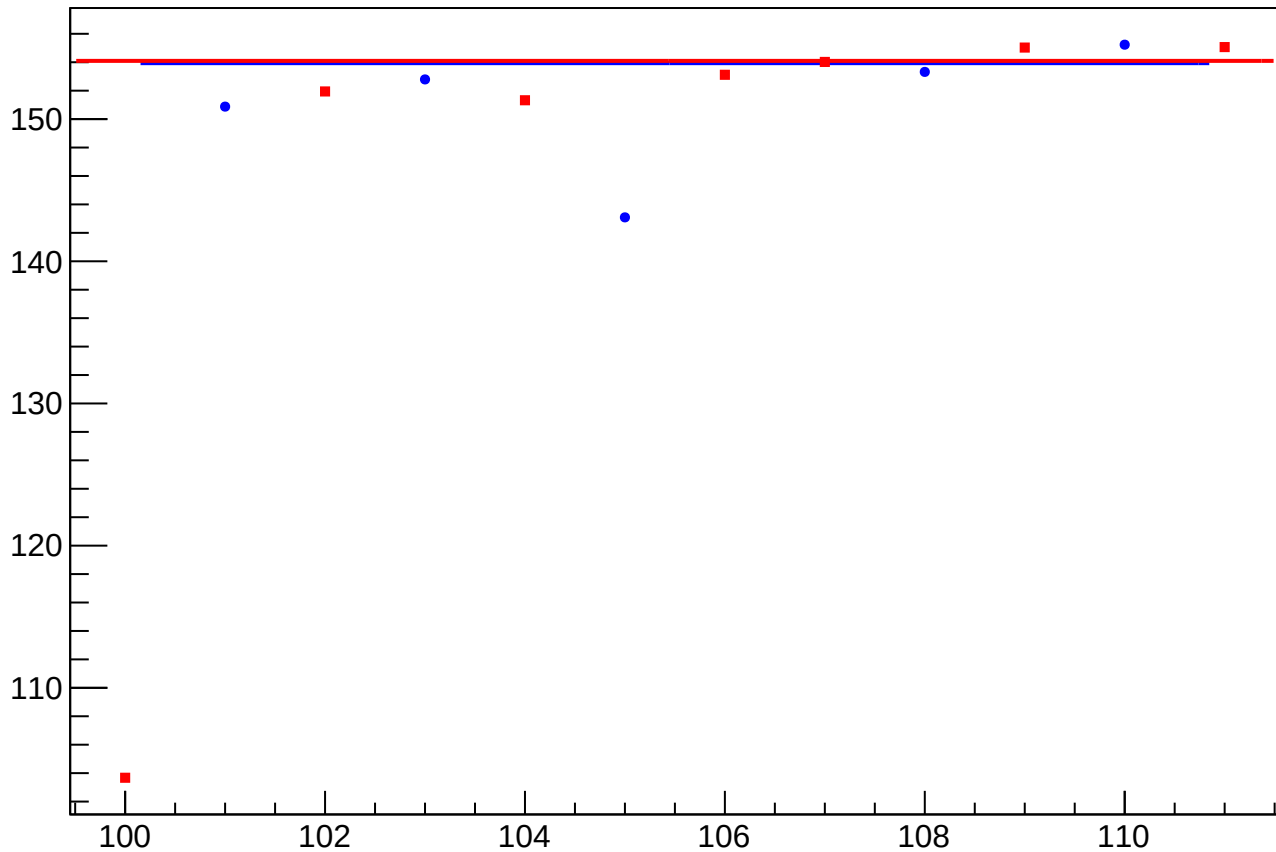
Right Out: 0.387+/-0.000 χ^2/NDF : 855054.5/6

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

0.422+/-0.000 χ^2/NDF : 833018.6/4

0.387+/-0.000 χ^2/NDF : 855054.5/6

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

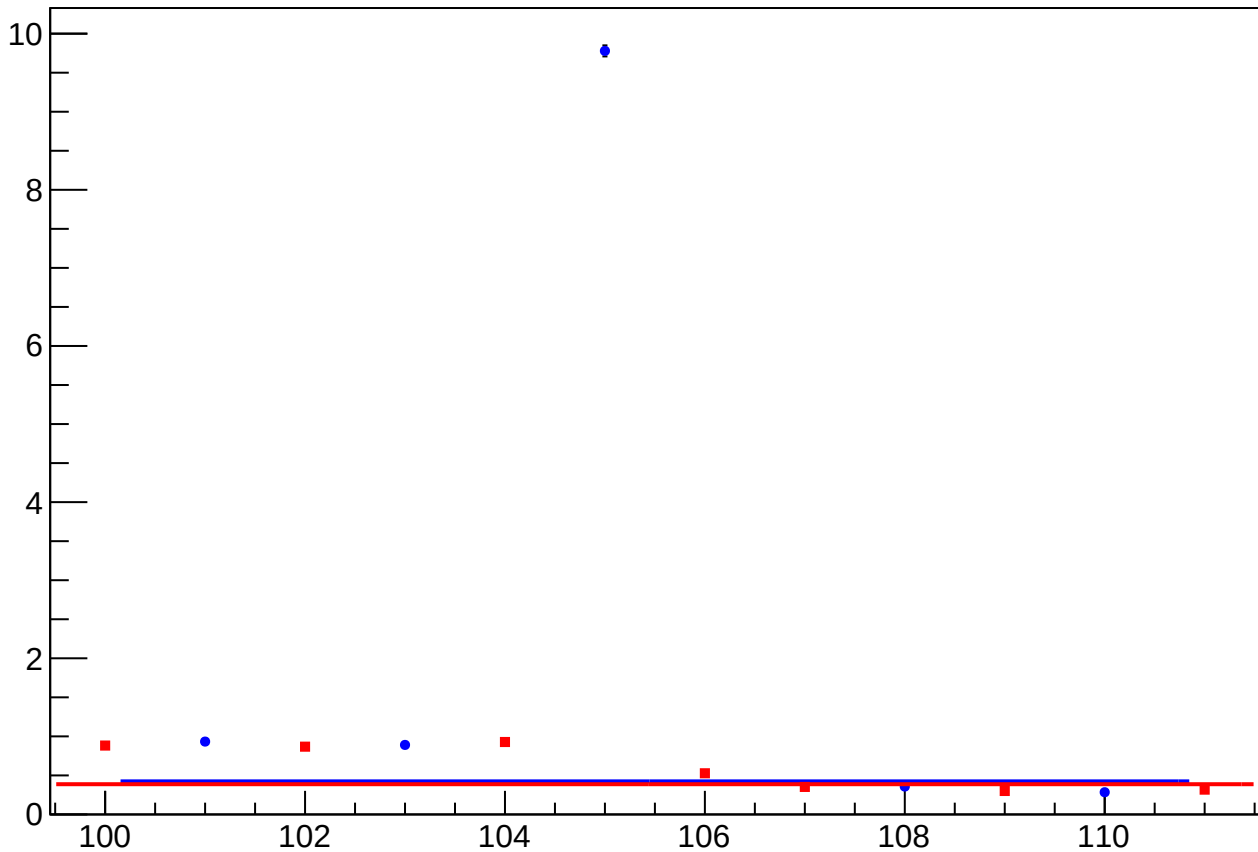
153.934+/-0.000 χ^2/NDF : 13952271.5/4

Right Out: 154.095+/-0.000 χ^2/NDF : 244968801.1/6

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

154.095+/-0.000 χ^2/NDF : 244968801.1/6

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

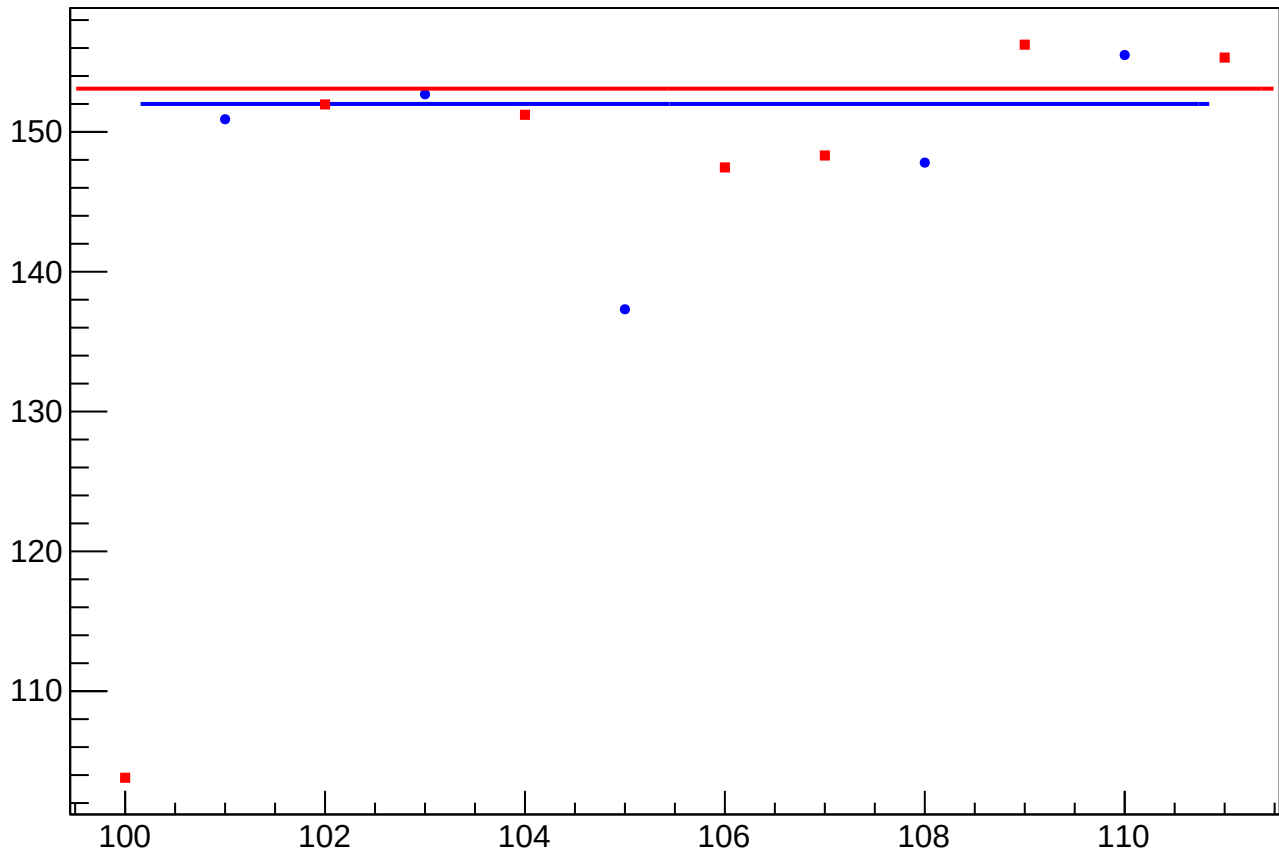
0.424+/-0.000 χ^2/NDF : 824257.6/4

Right Out: 0.387+/-0.000 χ^2/NDF : 848442.7/6

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

0.387+/-0.000 χ^2/NDF : 848442.7/6

yield_bcm_dg_us_mean vs slug



Right In: 152.001+/-0.000 χ^2/NDF : 91283825.9/4

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

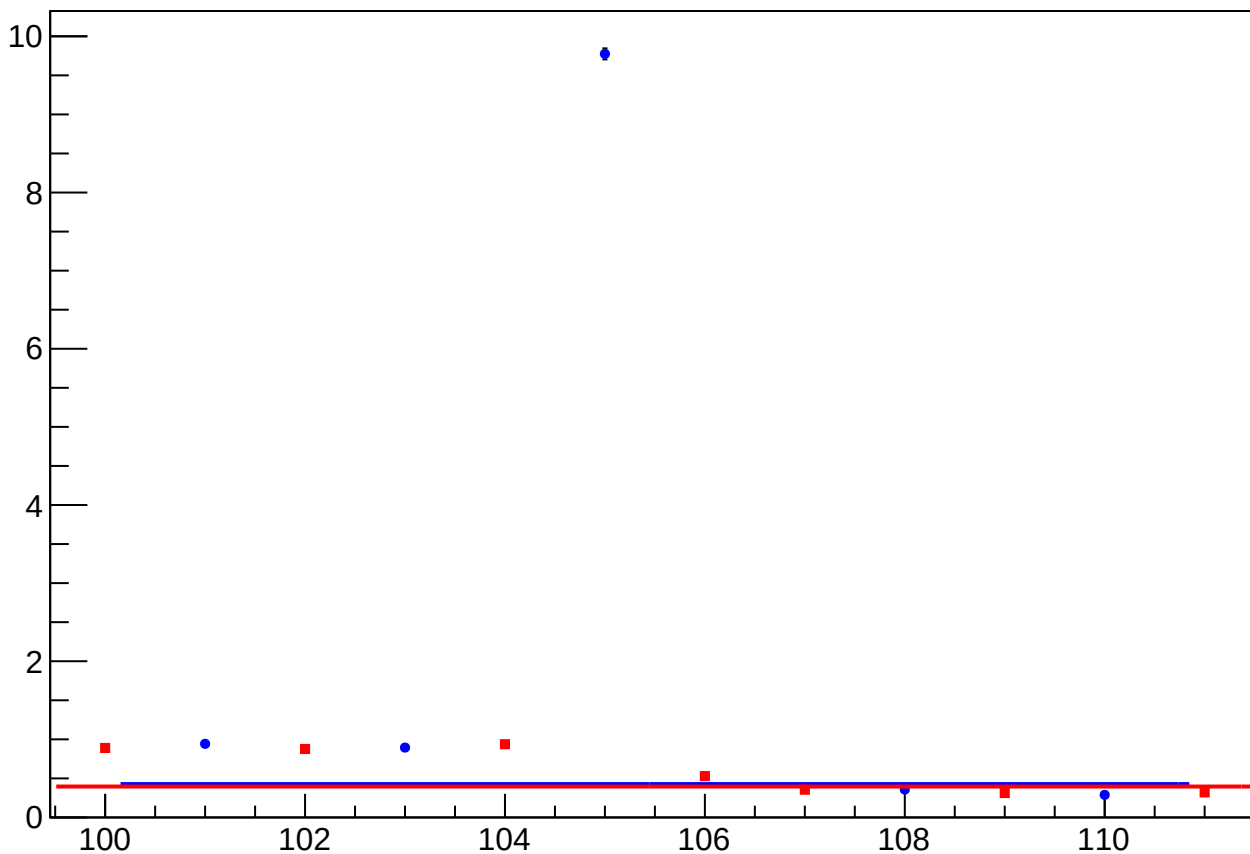
152.001+/-0.000 χ^2/NDF : 91283825.9/4

Right Out: 153.094+/-0.000 χ^2/NDF : 370235562.5/6

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

153.094+/-0.000 χ^2/NDF : 370235562.5/6

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

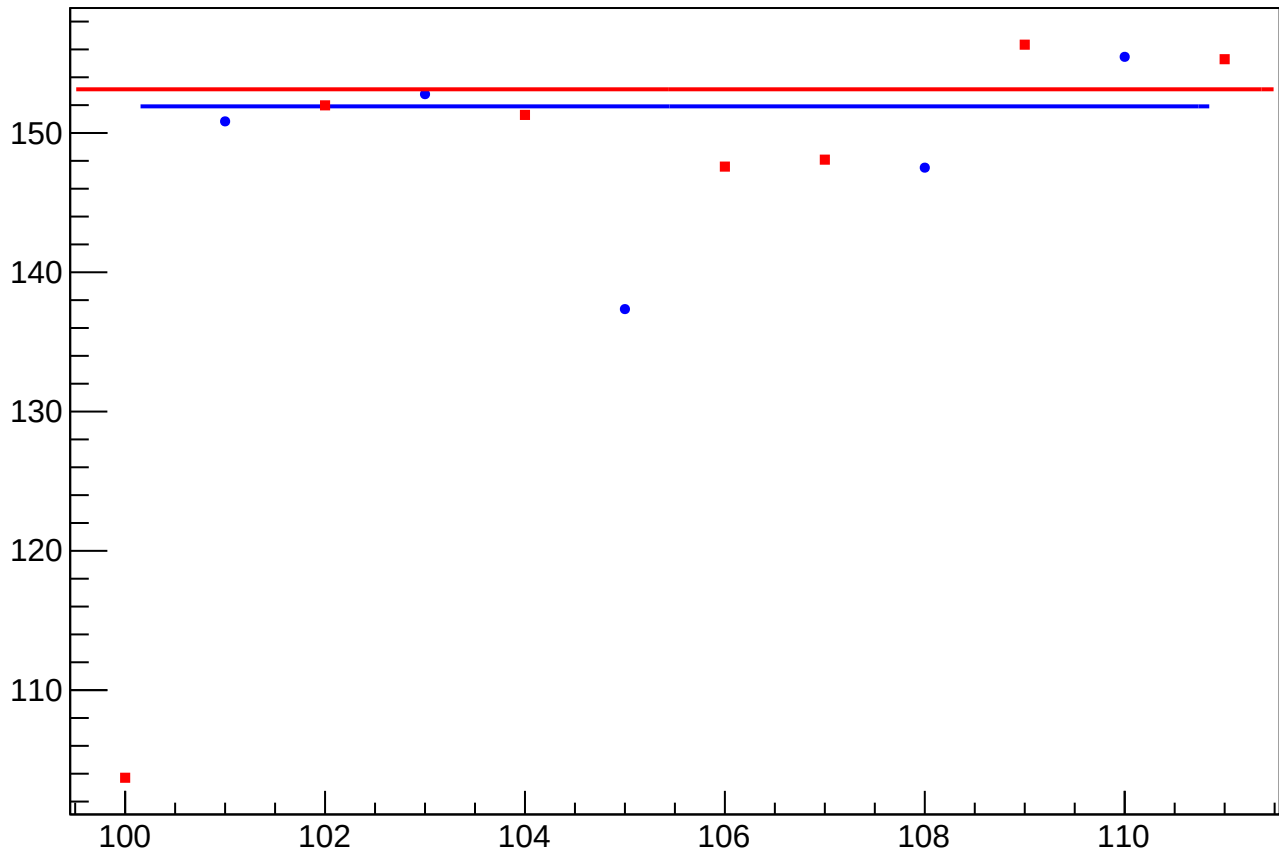
Right Out: 0.396+/-0.000 χ^2/NDF : 828894.8/6

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

0.427+/-0.000 χ^2/NDF : 820213.5/4

0.396+/-0.000 χ^2/NDF : 828894.8/6

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

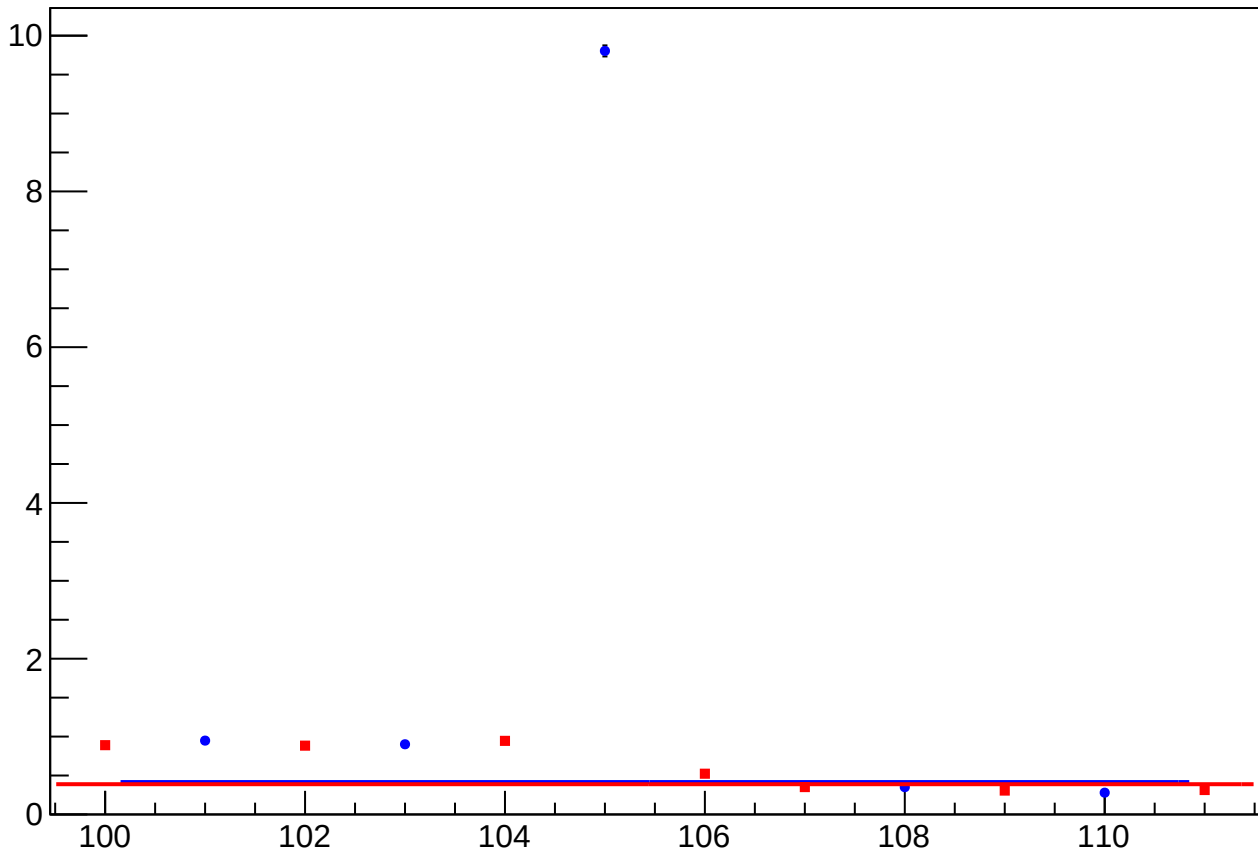
151.912 $\pm$ 0.000 χ^2 /NDF: 102316033.5/4

Right Out: 153.137 $\pm$ 0.000 χ^2 /NDF: 382778504.1/6

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

153.137 $\pm$ 0.000 χ^2 /NDF: 382778504.1/6

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

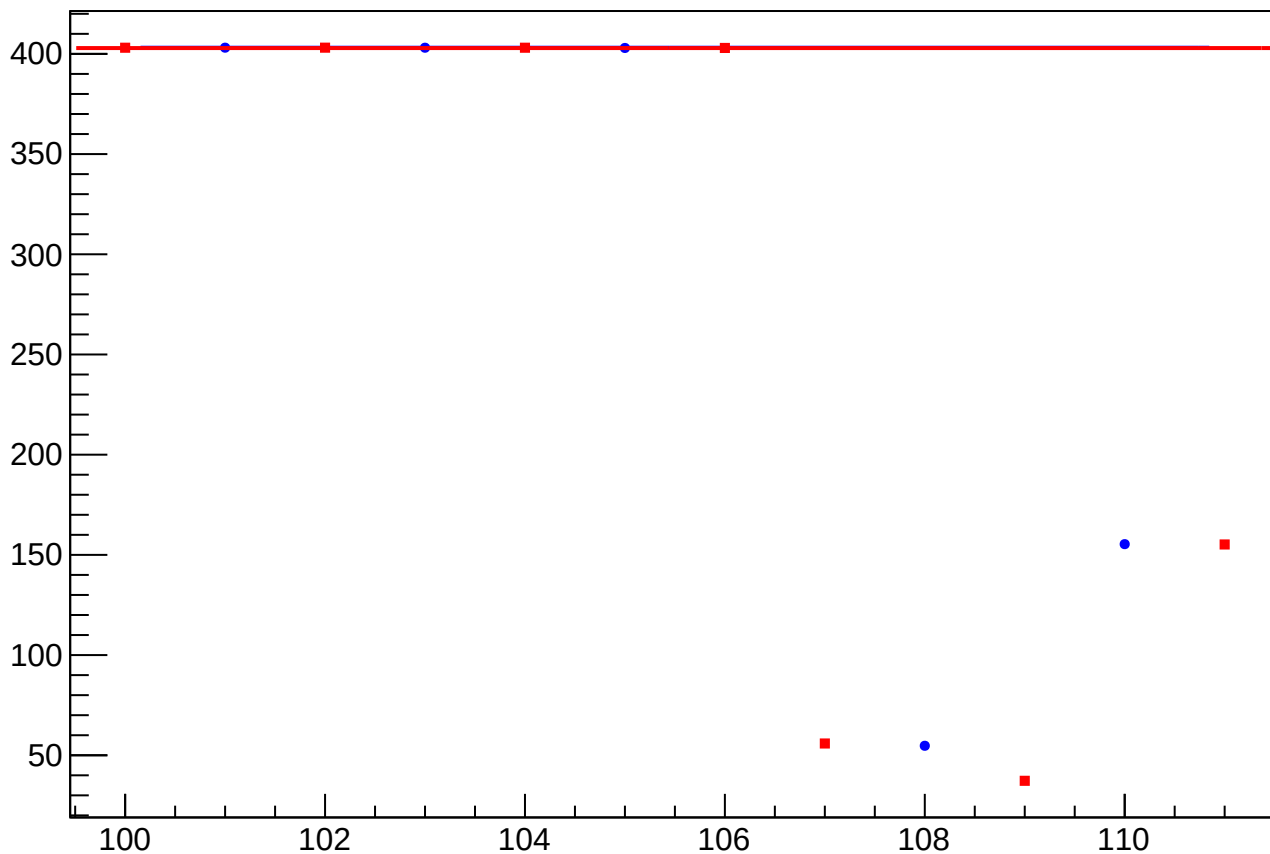
Right Out: 0.388+/-0.000 χ^2/NDF : 858568.7/6

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

0.416+/-0.000 χ^2/NDF : 859630.0/4

0.388+/-0.000 χ^2/NDF : 858568.7/6

yield_cav4bQ_mean vs slug



Right In: 403.072+/-0.000 χ^2/NDF : 163671126515.1/4

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

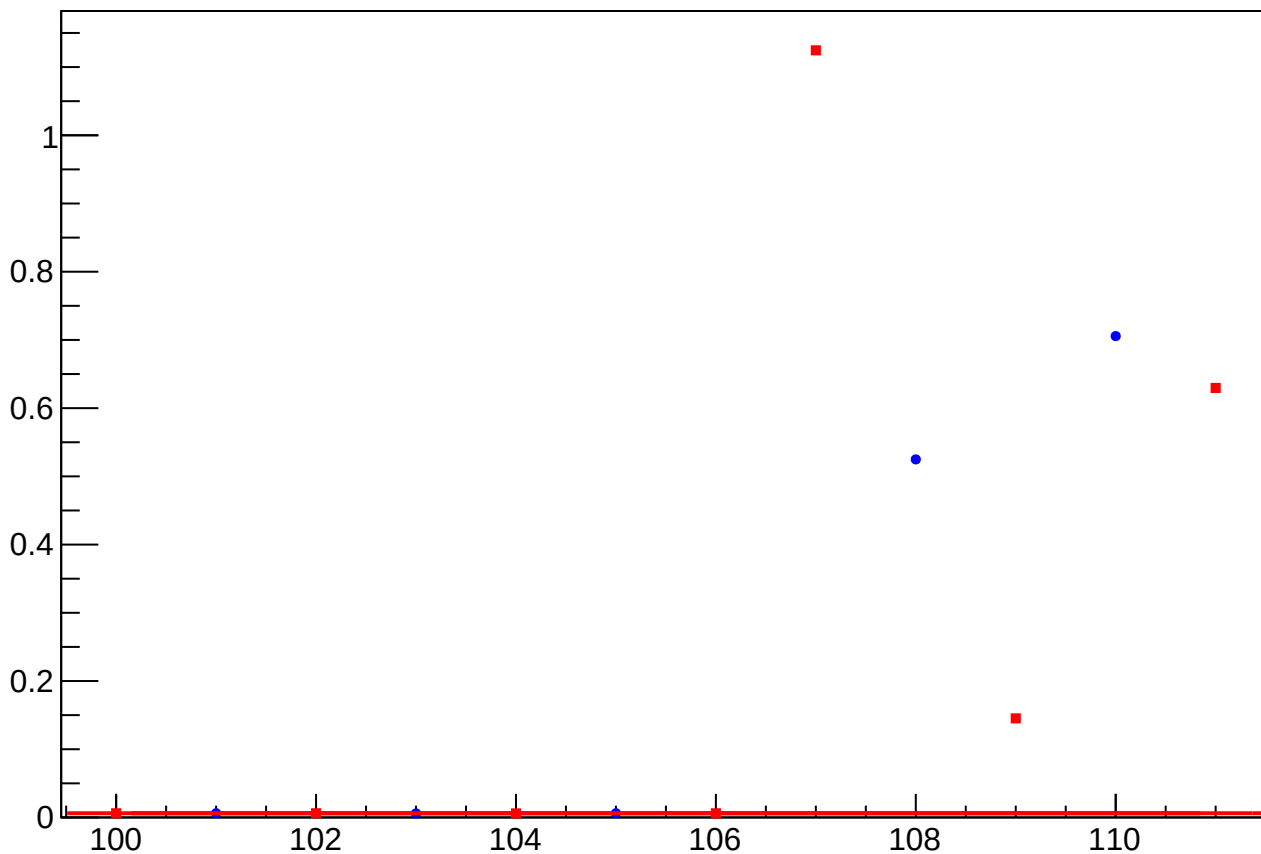
Right Out: 402.901+/-0.000 χ^2/NDF : 2154137005430.4/6

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

403.072+/-0.000 χ^2/NDF : 163671126515.1/4

402.901+/-0.000 χ^2/NDF : 2154137005430.4/6

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

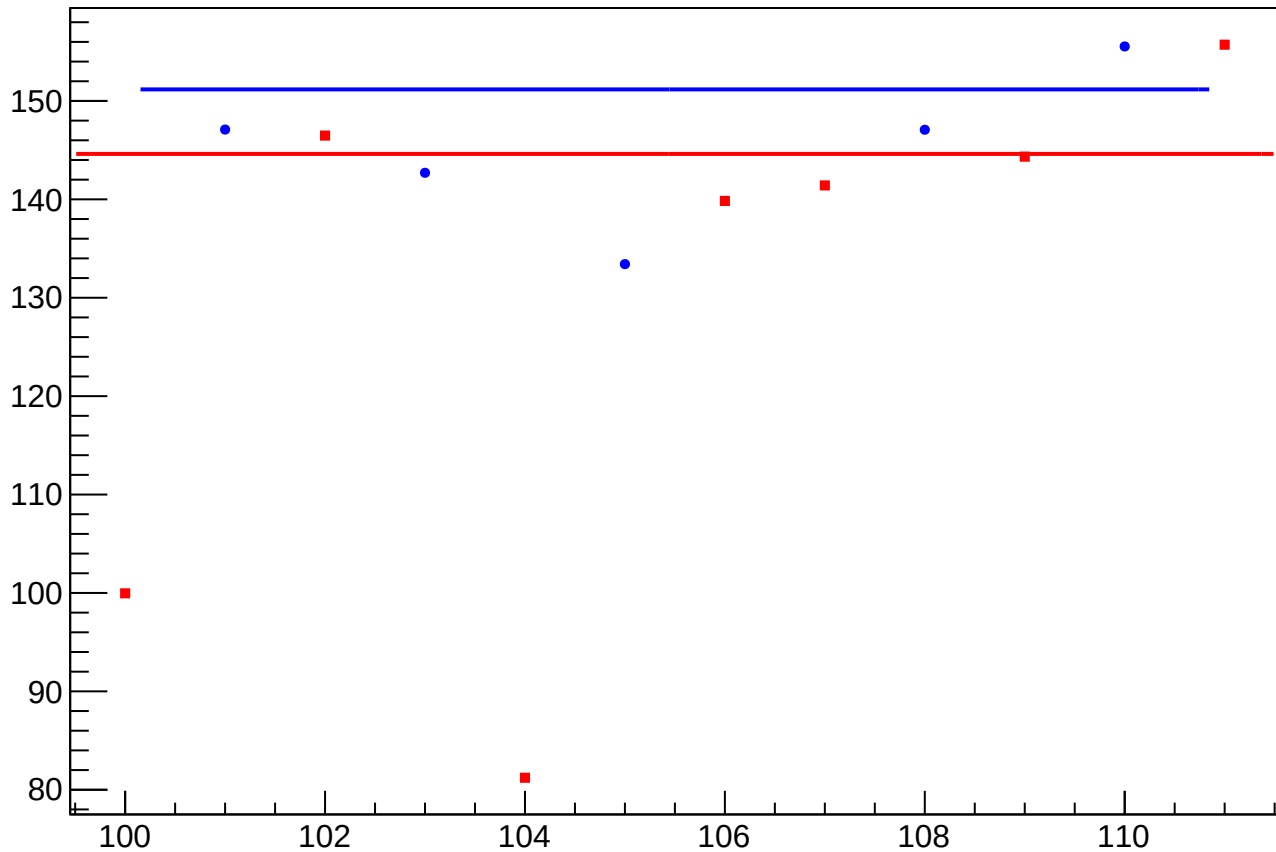
Right Out: 0.006+/-0.000 χ^2/NDF : 1866112.7/6

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

0.006+/-0.000 χ^2/NDF : 1156735.7/4

0.006+/-0.000 χ^2/NDF : 1866112.7/6

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

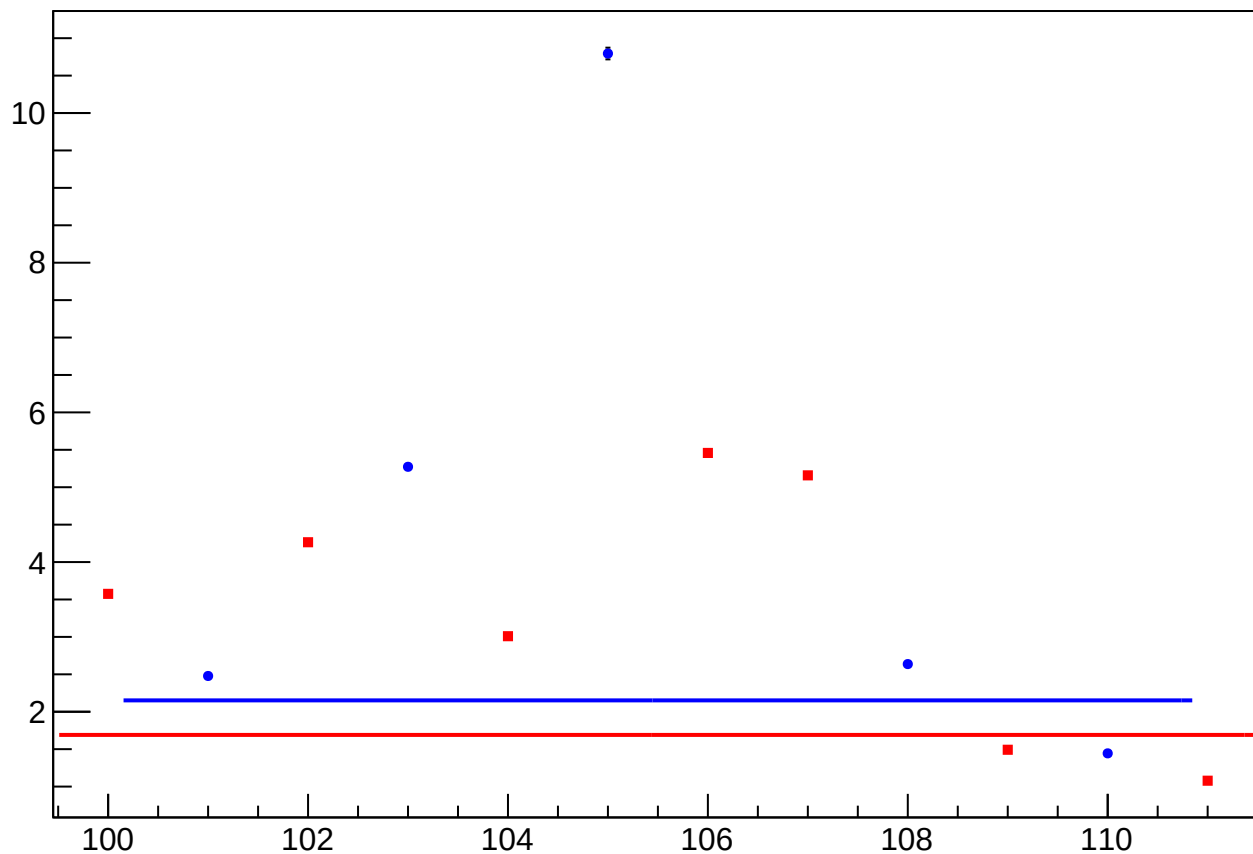
151.173+/-0.002 χ^2/NDF : 6560582.5/4

Right Out: 144.617+/-0.001 χ^2/NDF : 240300444.6/6

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

144.617+/-0.001 χ^2/NDF : 240300444.6/6

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

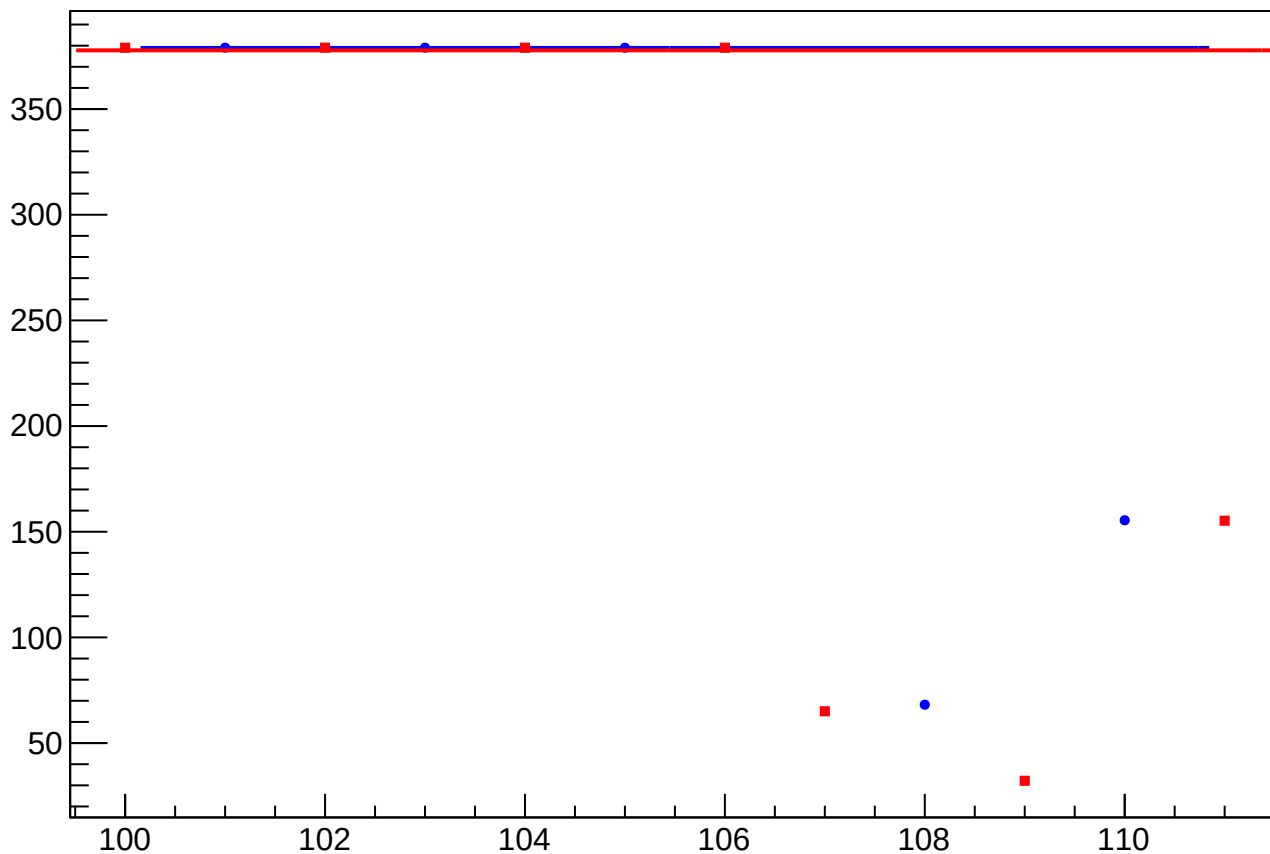
Right Out: 1.690+/-0.001 χ^2/NDF : 1373176.0/6

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

2.152+/-0.001 χ^2/NDF : 598067.2/4

1.690+/-0.001 χ^2/NDF : 1373176.0/6

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

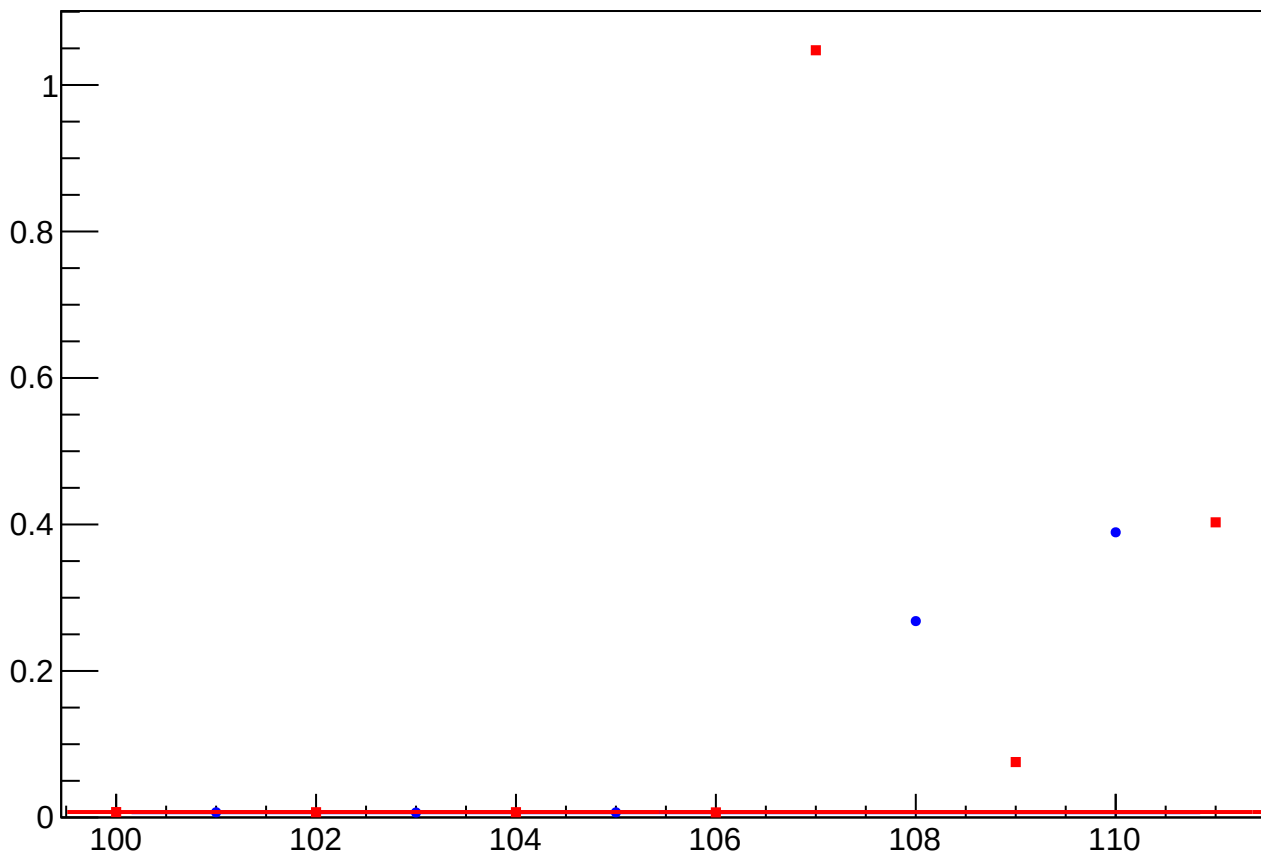
Right Out: 377.789+/-0.000 χ^2/NDF : 6495866842657.7/6

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

378.921+/-0.000 χ^2/NDF : 510516121988.5/4

377.789+/-0.000 χ^2/NDF : 6495866842657.7/6

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

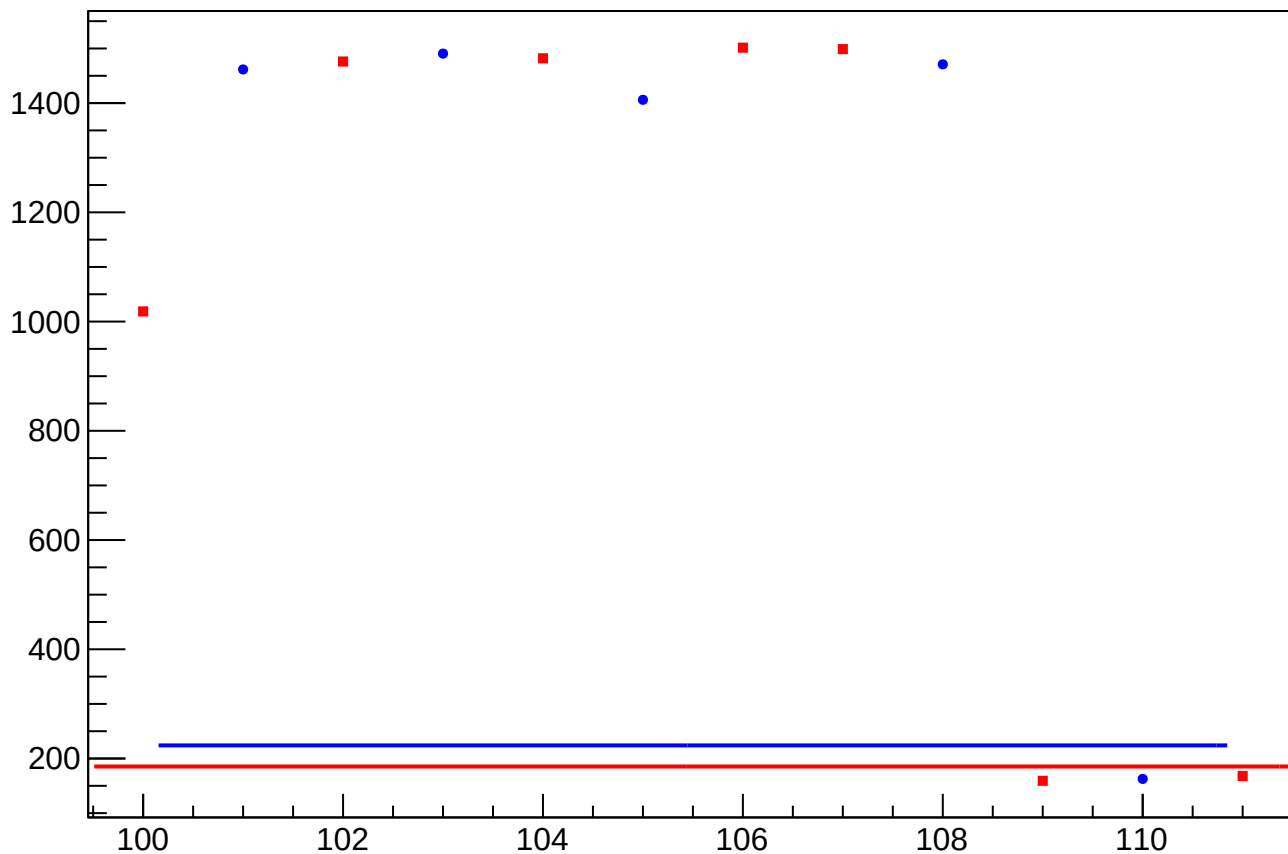
Right Out: 0.007+/-0.000 χ^2/NDF : 1788225.2/6

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 : 1788225.2/6

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

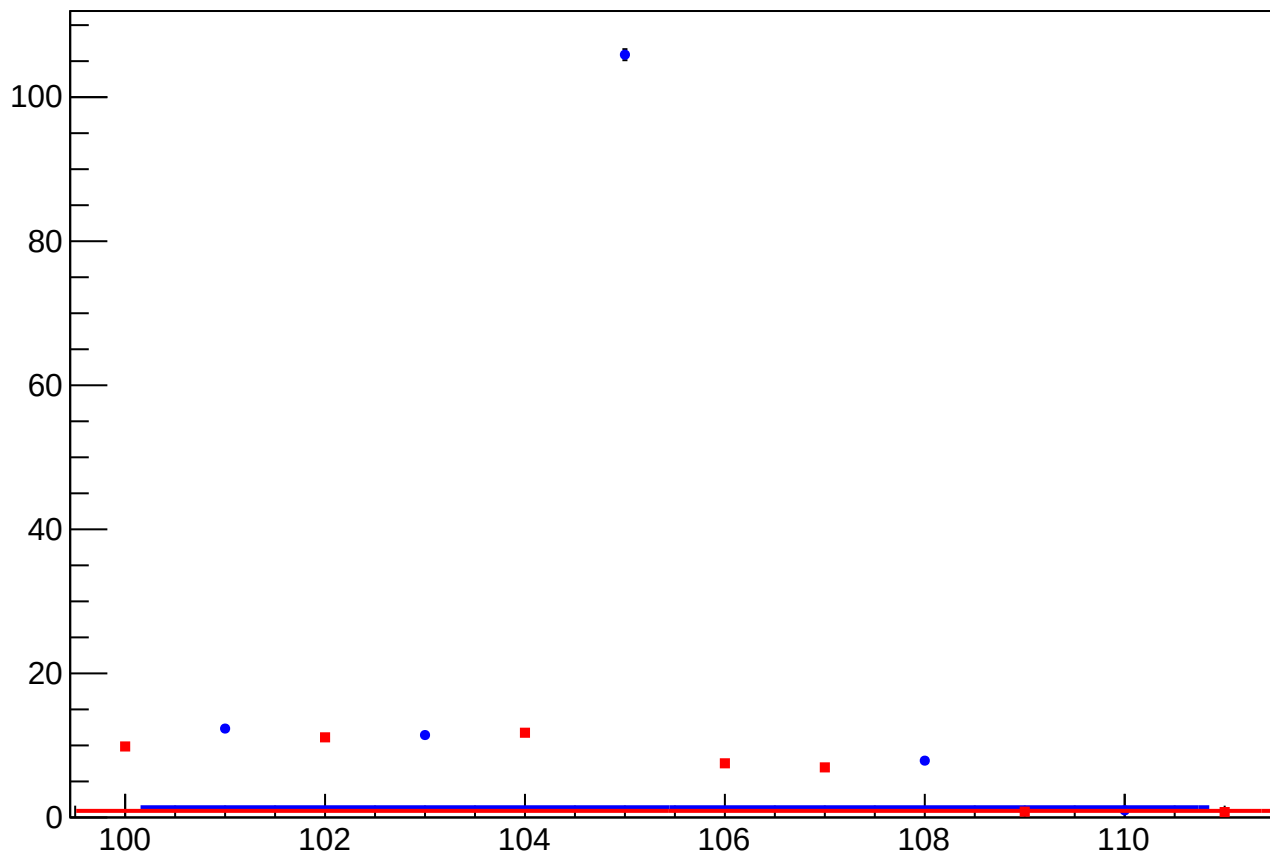
Right Out: 185.422+/-0.001 χ^2/NDF : 31890241004.7/6

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

224.013+/-0.002 χ^2/NDF : 22263380968.6/4

185.422+/-0.001 χ^2/NDF : 31890241004.7/6

yield_bcm0l02_rms vs slug



Right In: 1.417 $\pm$ 0.001 χ^2 /NDF: 2315901.4/4

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

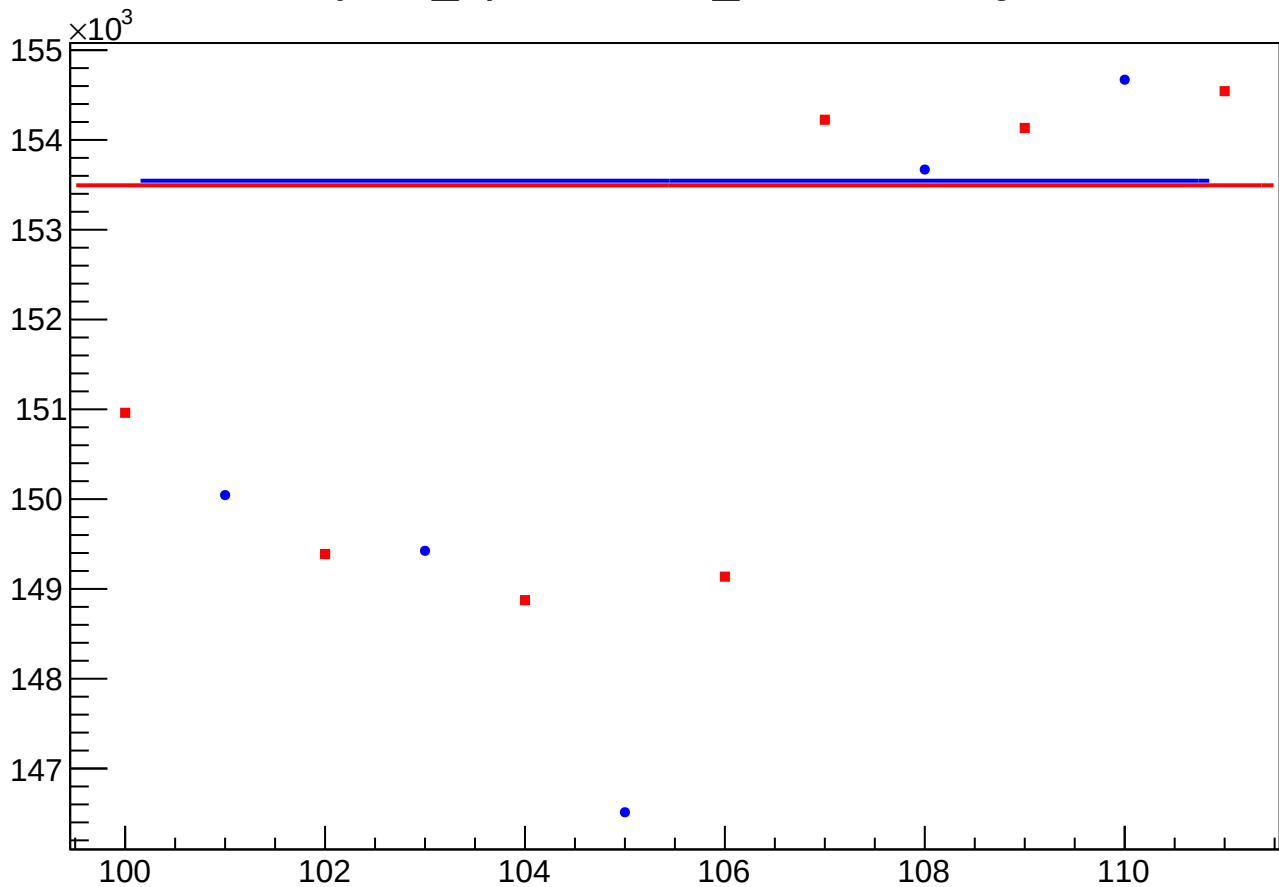
Right Out: 0.914 $\pm$ 0.001 χ^2 /NDF: 2649172.1/6

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

1.417 $\pm$ 0.001 χ^2 /NDF: 2315901.4/4

0.914 $\pm$ 0.001 χ^2 /NDF: 2649172.1/6

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

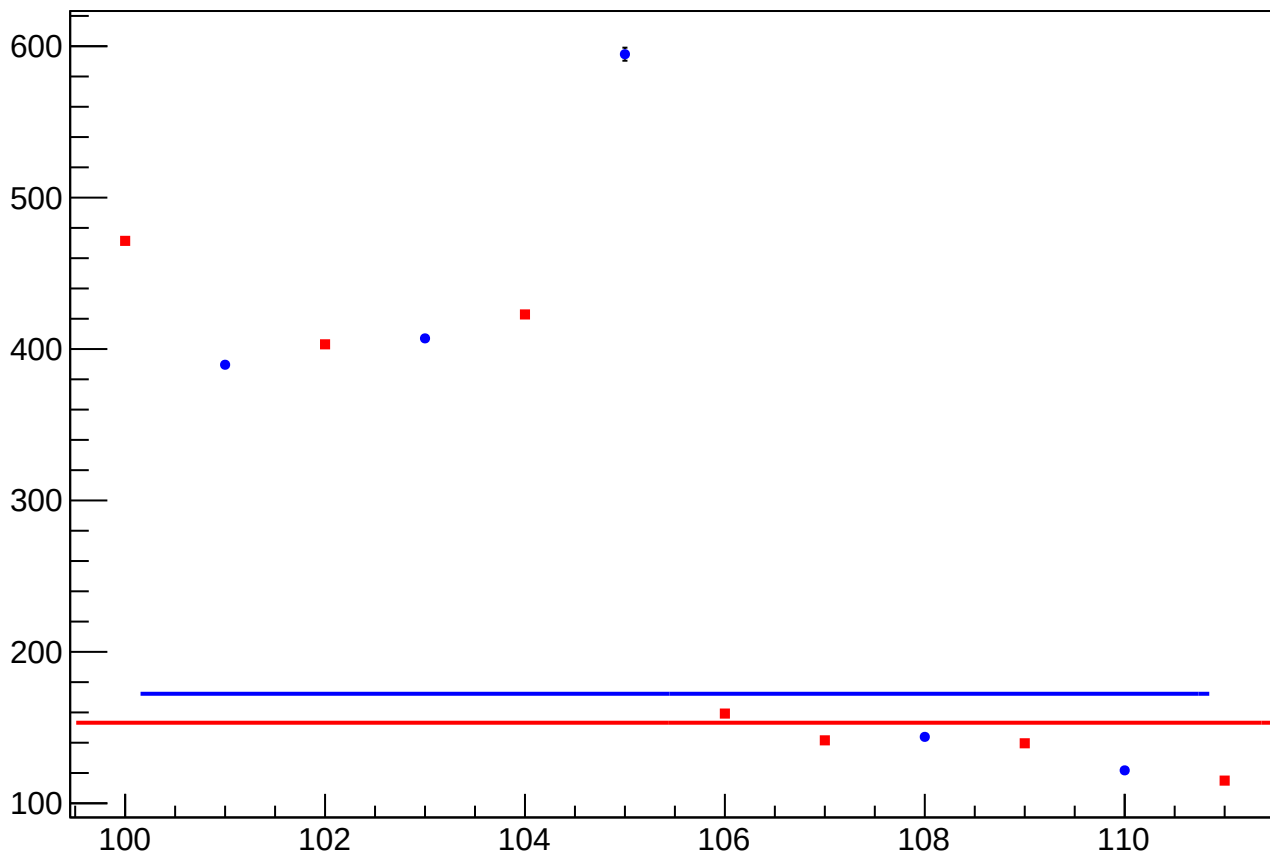
153545.889 $\pm$ 0.145 χ^2 /NDF: 135762602.2/4

Right Out: 153494.841 $\pm$ 0.107 χ^2 /NDF: 318570313.0/6

153494.841 $\pm$ 0.107 χ^2 /NDF: 318570313.0/6

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

yield_bpm0i01WS_rms vs slug



Right In: 172.327 $\pm$ 0.102 χ^2 /NDF: 895878.4/4

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

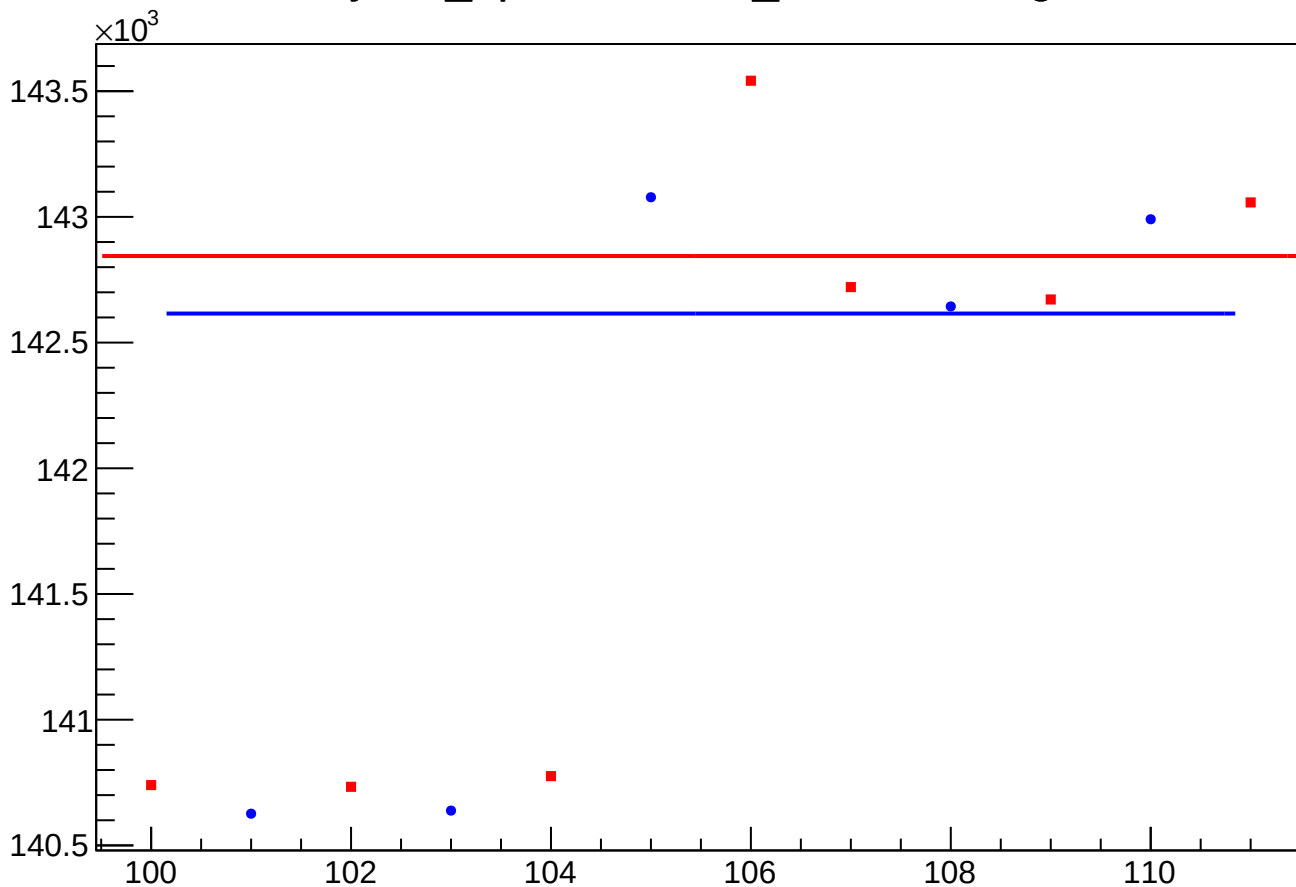
Right Out: 153.202 $\pm$ 0.076 χ^2 /NDF: 988658.4/6

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

172.327 $\pm$ 0.102 χ^2 /NDF: 895878.4/4

153.202 $\pm$ 0.076 χ^2 /NDF: 988658.4/6

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

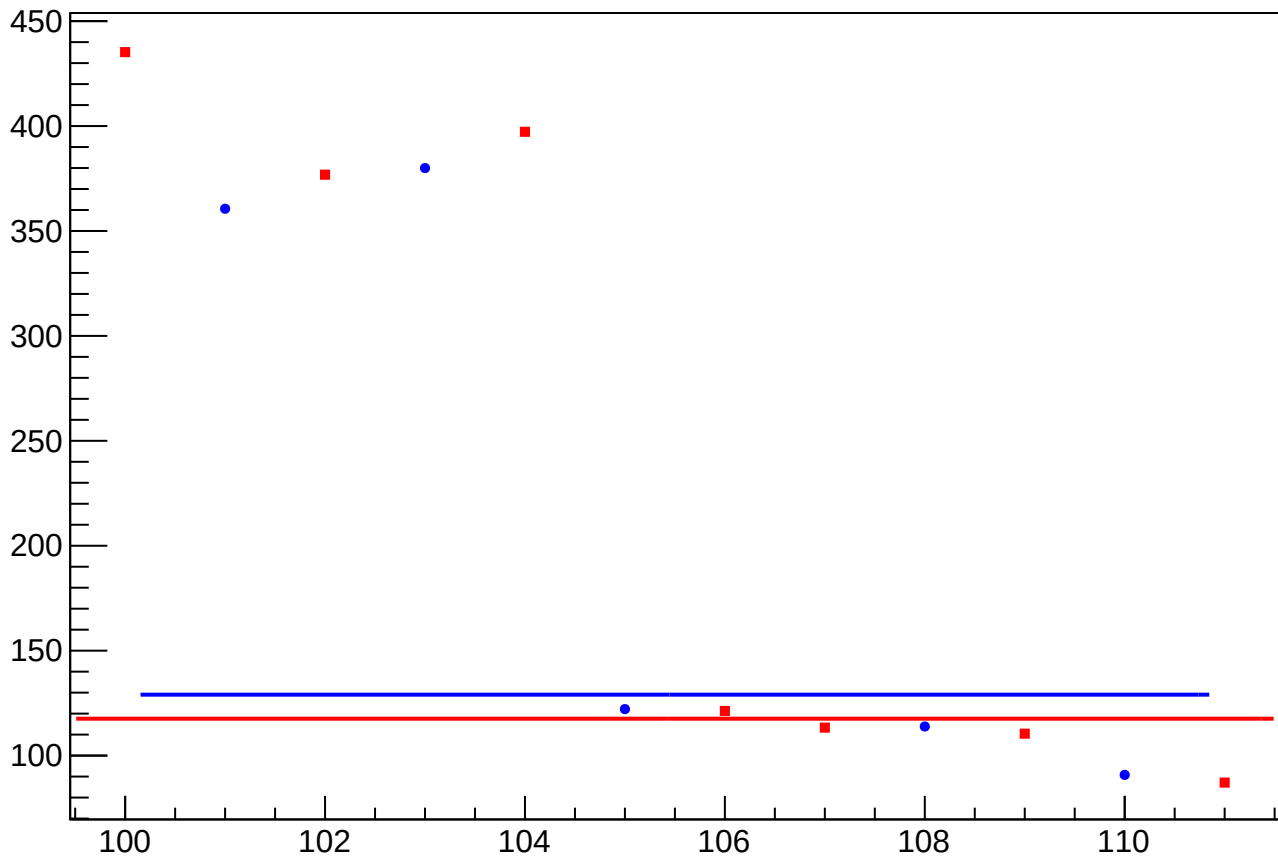
Right Out: 142844.301 $\pm$ 0.082 χ^2 /NDF: 45921373.6/6

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

142615.530 $\pm$ 0.112 χ^2 /NDF: 39198957.3/4

142844.301 $\pm$ 0.082 χ^2 /NDF: 45921373.6/6

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

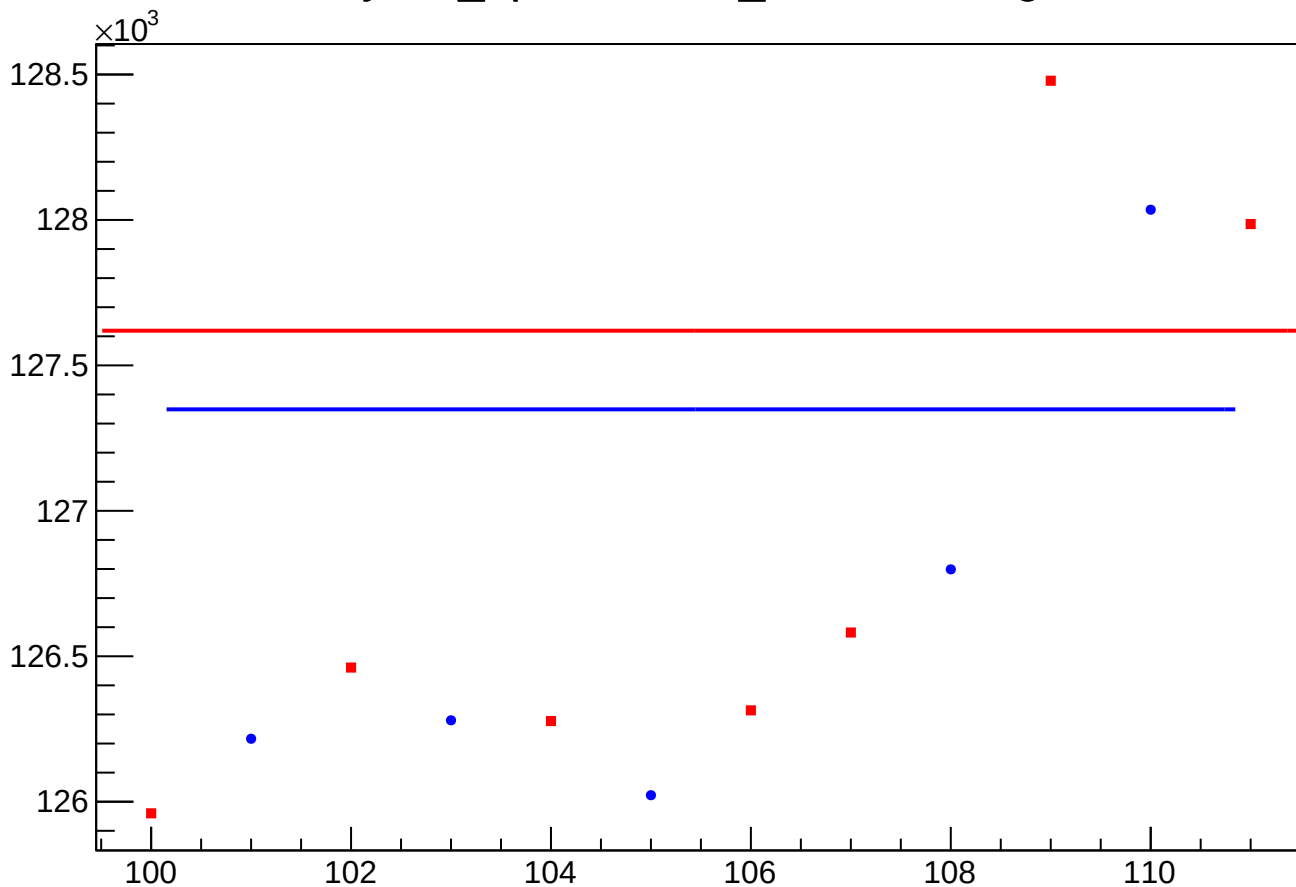
129.034+/-0.079 χ^2/NDF : 1112249.1/4

Right Out: 117.589+/-0.058 χ^2/NDF : 1185127.0/6

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

117.589+/-0.058 χ^2/NDF : 1185127.0/6

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

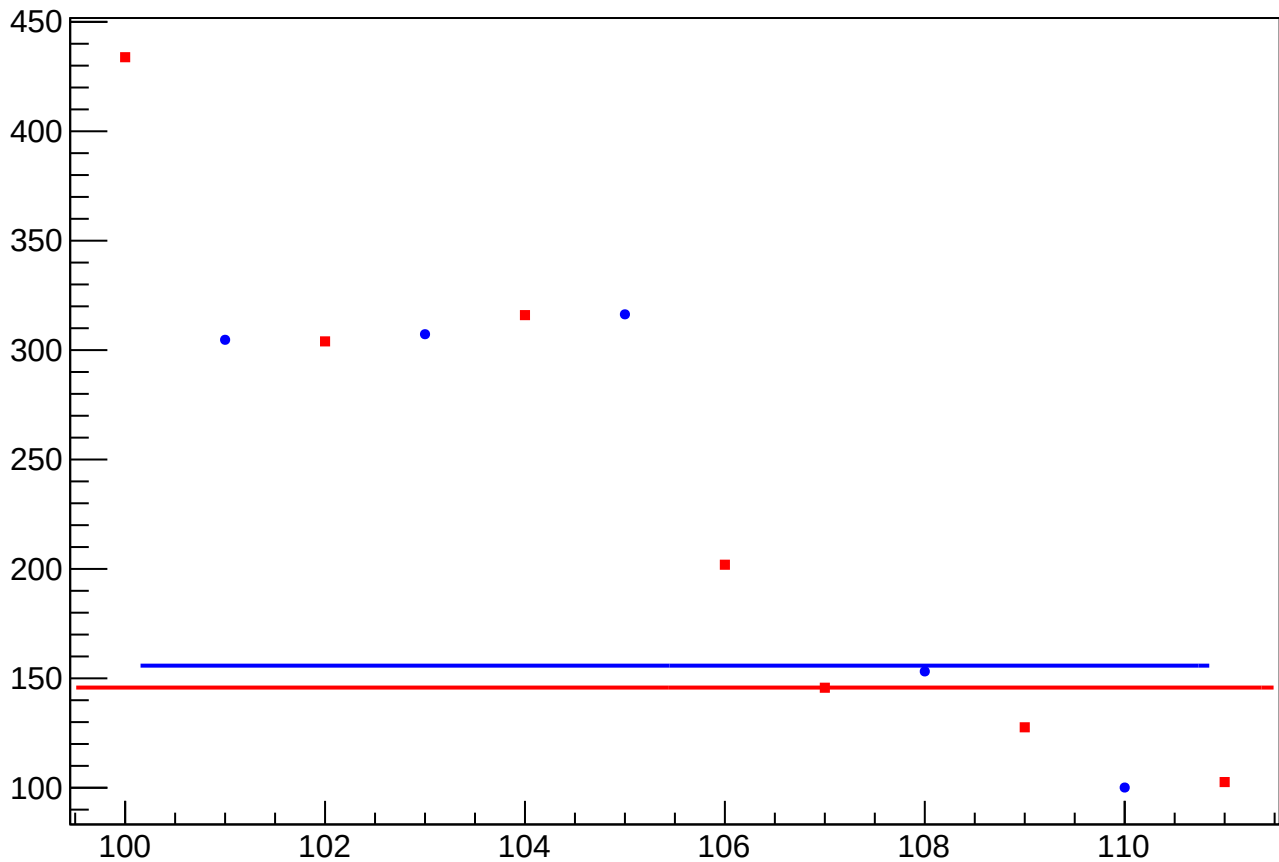
Right Out: 127619.239 $\pm$ 0.099 χ^2 /NDF: 73450423.2/6

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

127348.828 $\pm$ 0.128 χ^2 /NDF: 35351902.2/4

127619.239 $\pm$ 0.099 χ^2 /NDF: 73450423.2/6

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

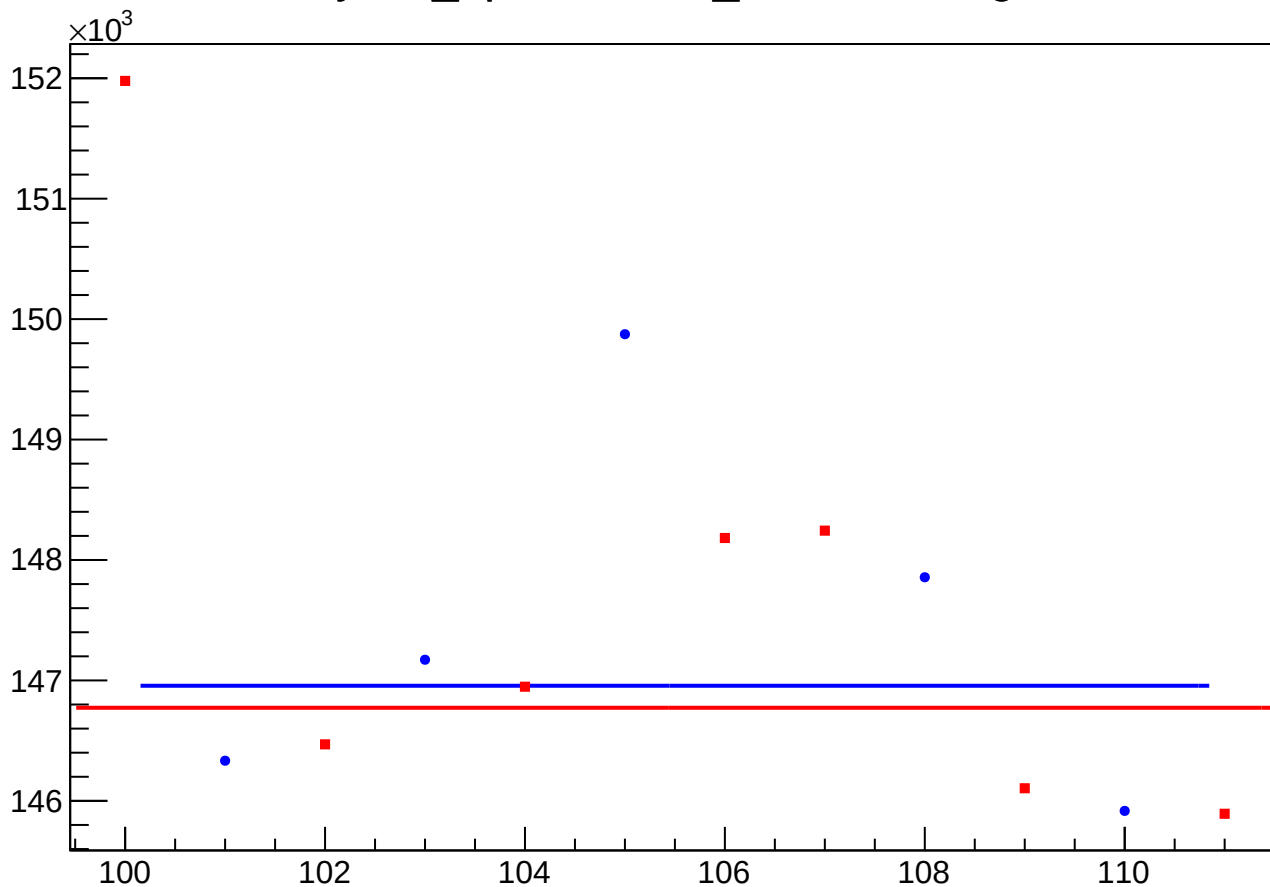
155.802 $\pm$ 0.090 χ^2 /NDF: 763410.8/4

Right Out: 145.783 $\pm$ 0.070 χ^2 /NDF: 848382.0/6

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

145.783 $\pm$ 0.070 χ^2 /NDF: 848382.0/6

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

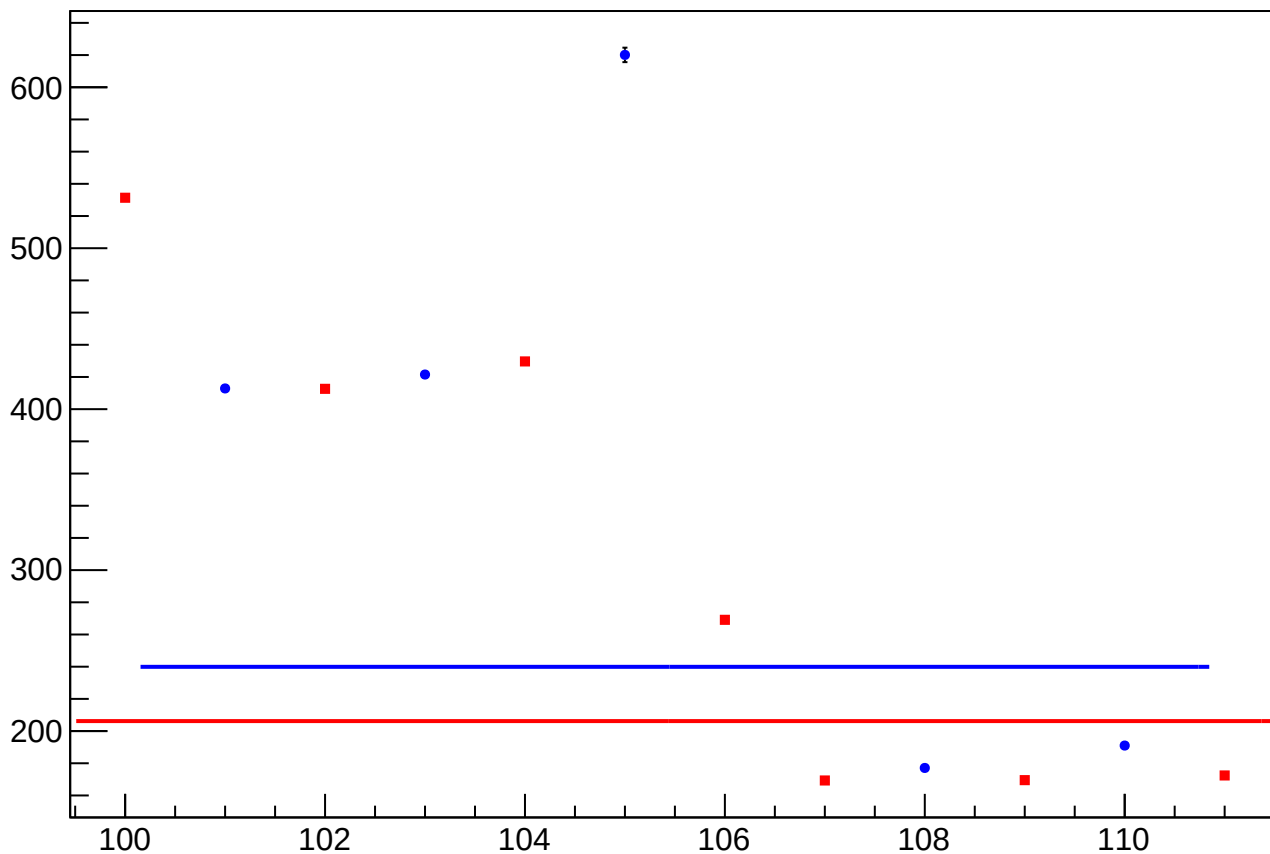
Right Out: 146773.029 $\pm$ 0.138 χ^2 /NDF: 58554176.7/6

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

146955.844 $\pm$ 0.191 χ^2 /NDF: 20997185.4/4

146773.029 $\pm$ 0.138 χ^2 /NDF: 58554176.7/6

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

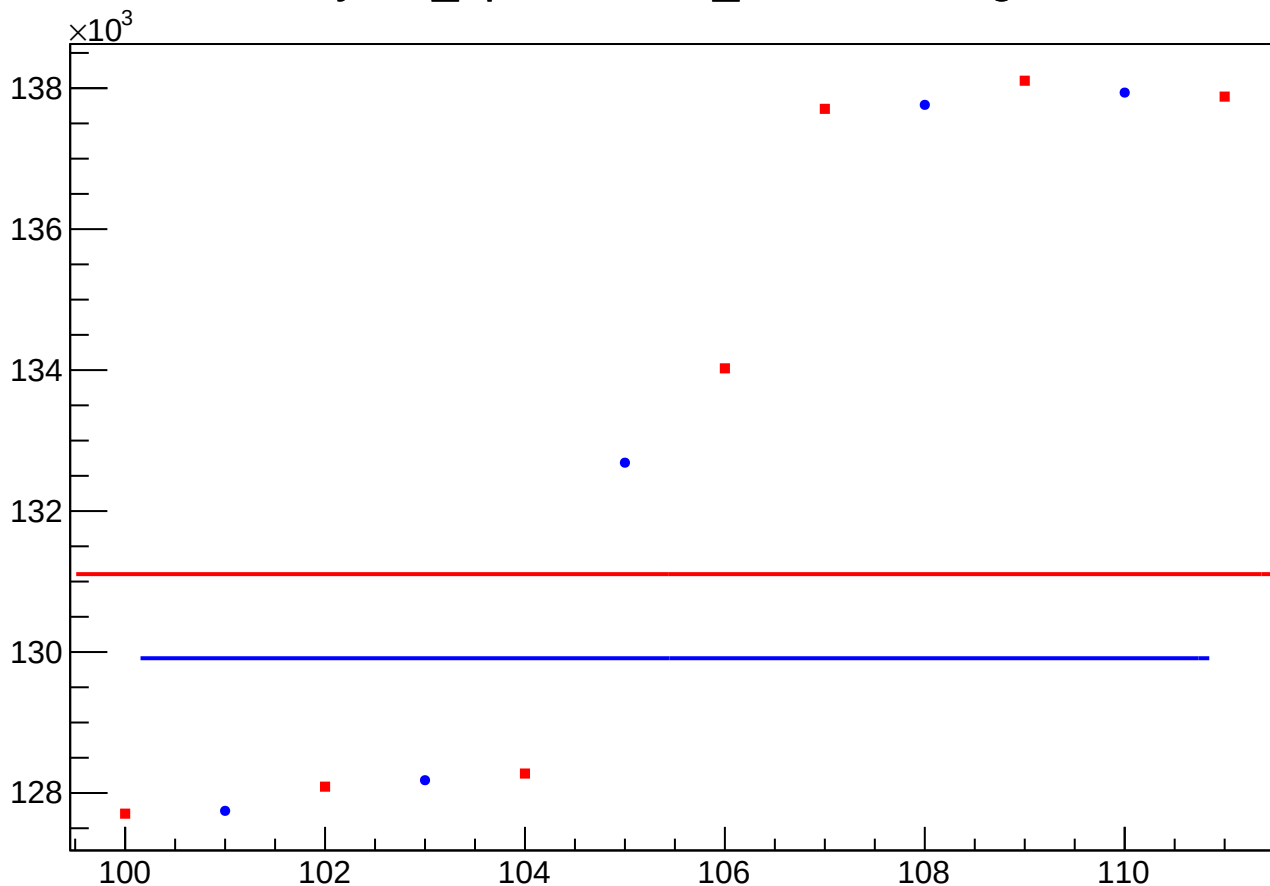
239.920 $\pm$ 0.135 χ^2 /NDF: 560033.8/4

Right Out: 206.205 $\pm$ 0.098 χ^2 /NDF: 727404.7/6

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

206.205 $\pm$ 0.098 χ^2 /NDF: 727404.7/6

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

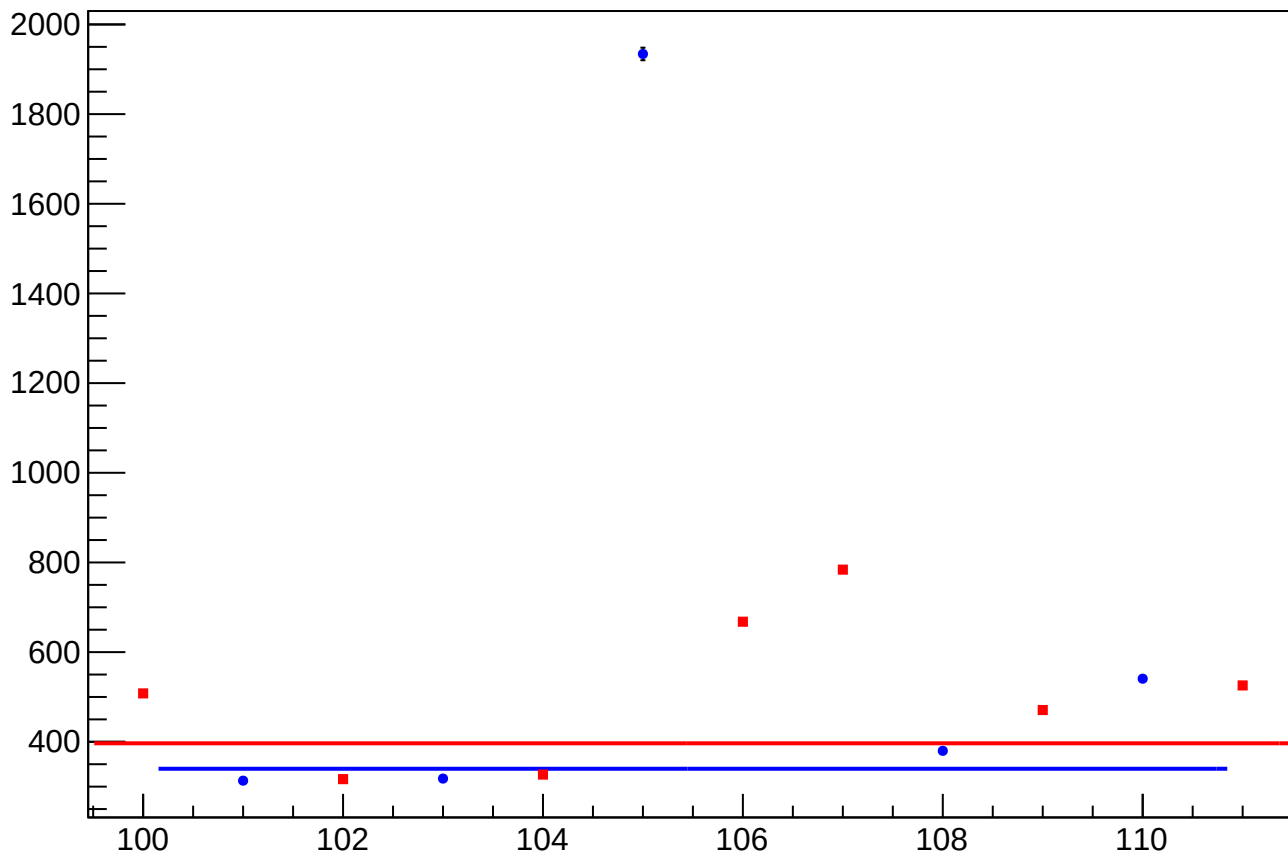
129912.022 $\pm$ 0.263 χ^2 /NDF: 223714785.7/4

Right Out: 131105.380 $\pm$ 0.258 χ^2 /NDF: 289152192.0/6

131105.380 $\pm$ 0.258 χ^2 /NDF: 289152192.0/6

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

yield_bpm0l03WS_rms vs slug



Right In: 339.885 $\pm$ 0.186 χ^2 /NDF: 114480.2/4

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

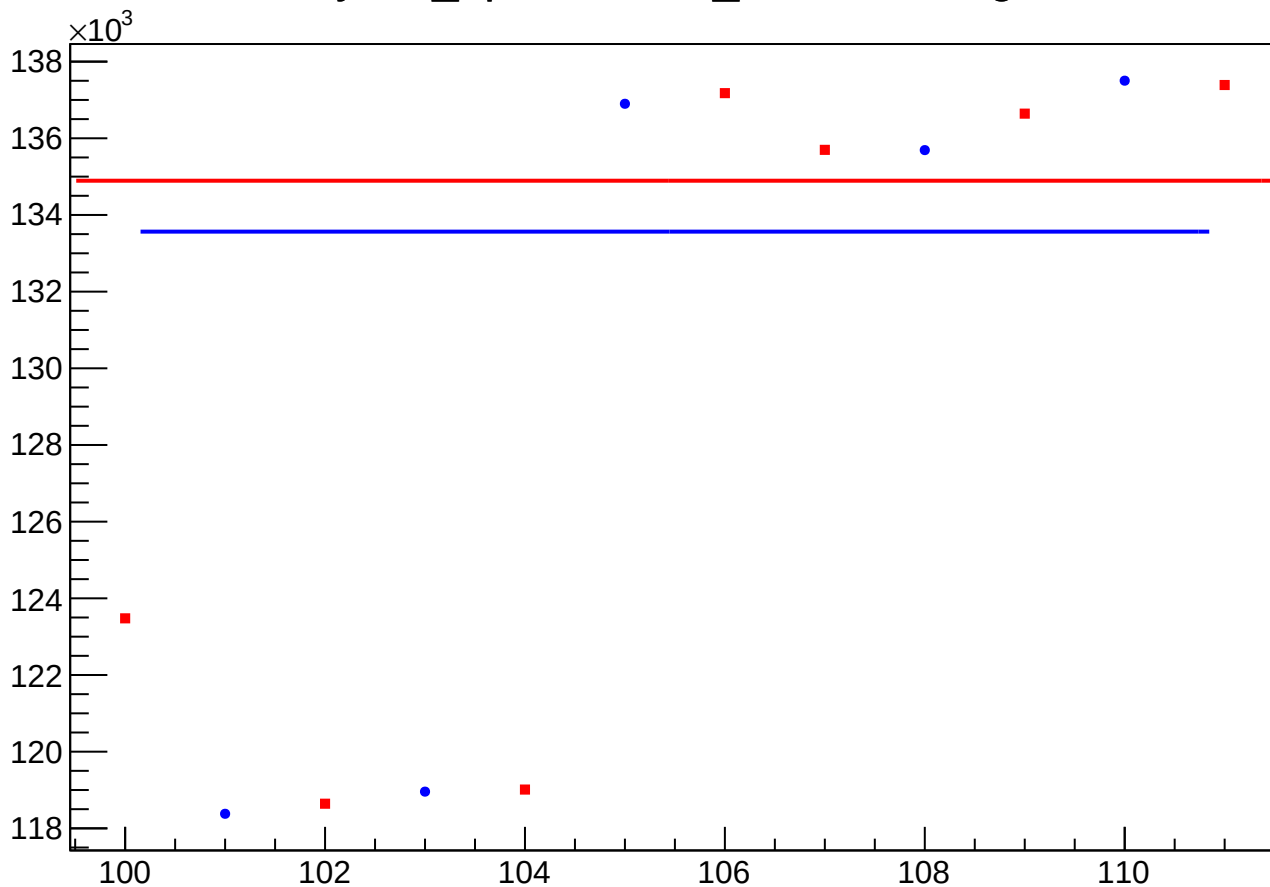
Right Out: 396.644 $\pm$ 0.182 χ^2 /NDF: 442700.5/6

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

339.885 $\pm$ 0.186 χ^2 /NDF: 114480.2/4

396.644 $\pm$ 0.182 χ^2 /NDF: 442700.5/6

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

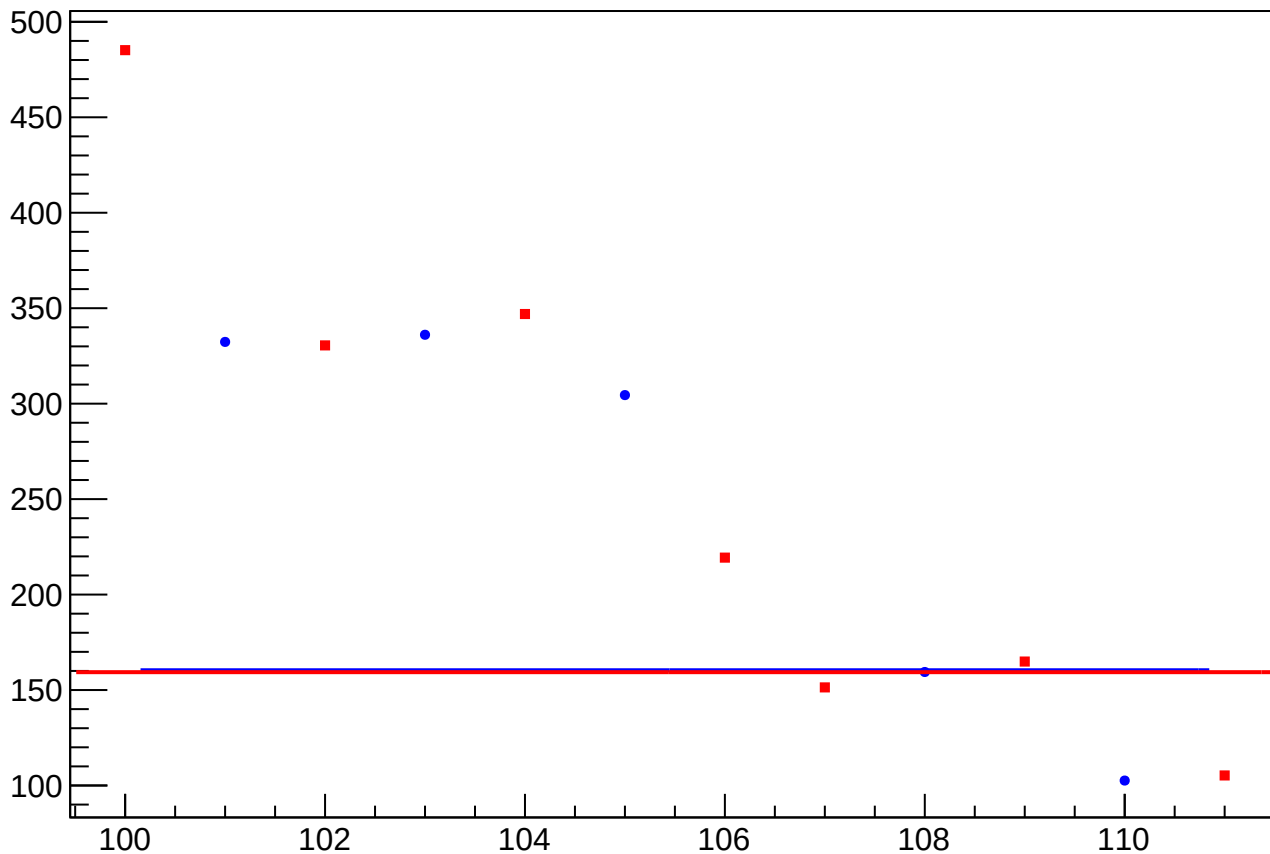
133565.287 $\pm$ 0.133 χ^2 /NDF: 2844304831.9/4

Right Out: 134893.331 $\pm$ 0.108 χ^2 /NDF: 2715219798.1/6

134893.331 $\pm$ 0.108 χ^2 /NDF: 2715219798.1/6

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

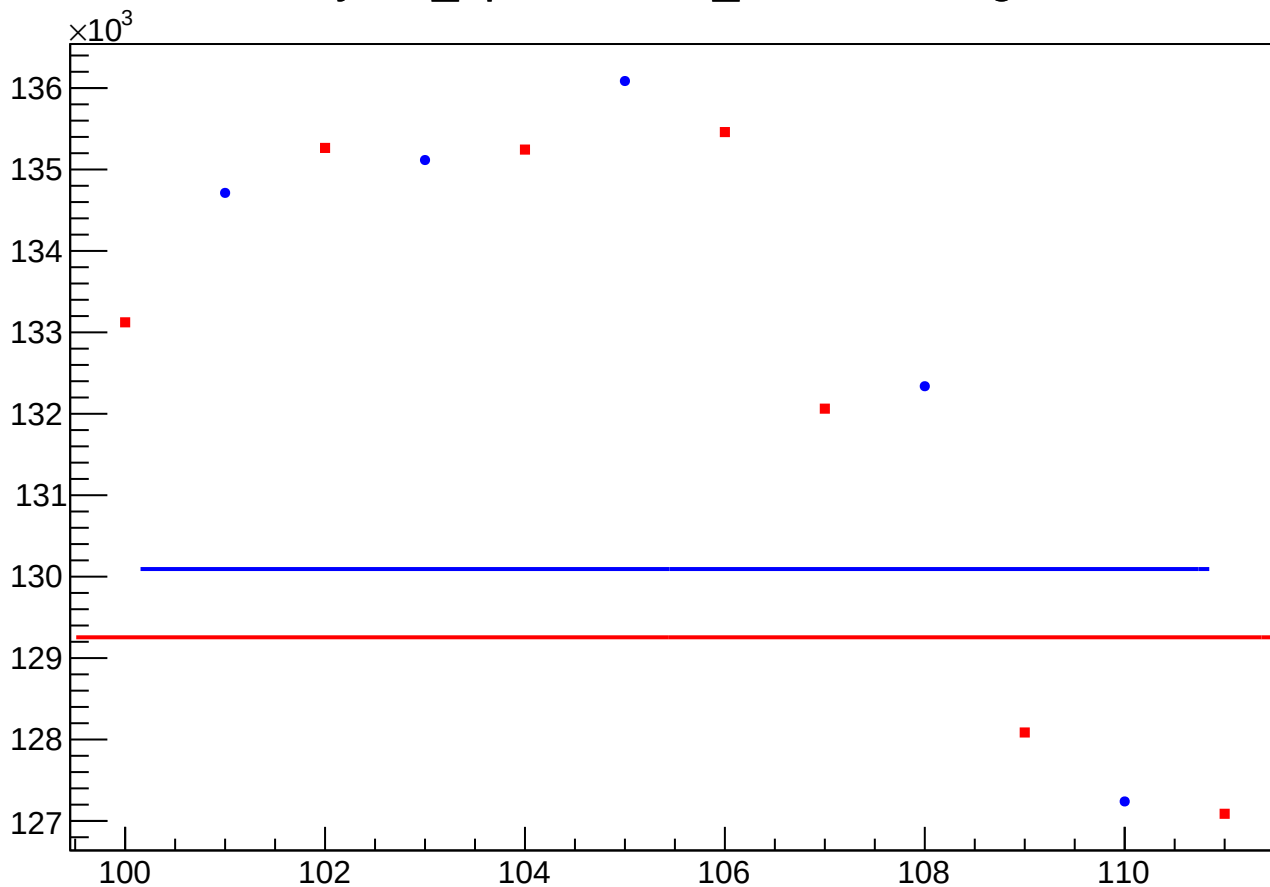
160.358 $\pm$ 0.094 χ^2 /NDF: 835707.8/4

Right Out: 159.357 $\pm$ 0.076 χ^2 /NDF: 905782.4/6

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

159.357 $\pm$ 0.076 χ^2 /NDF: 905782.4/6

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

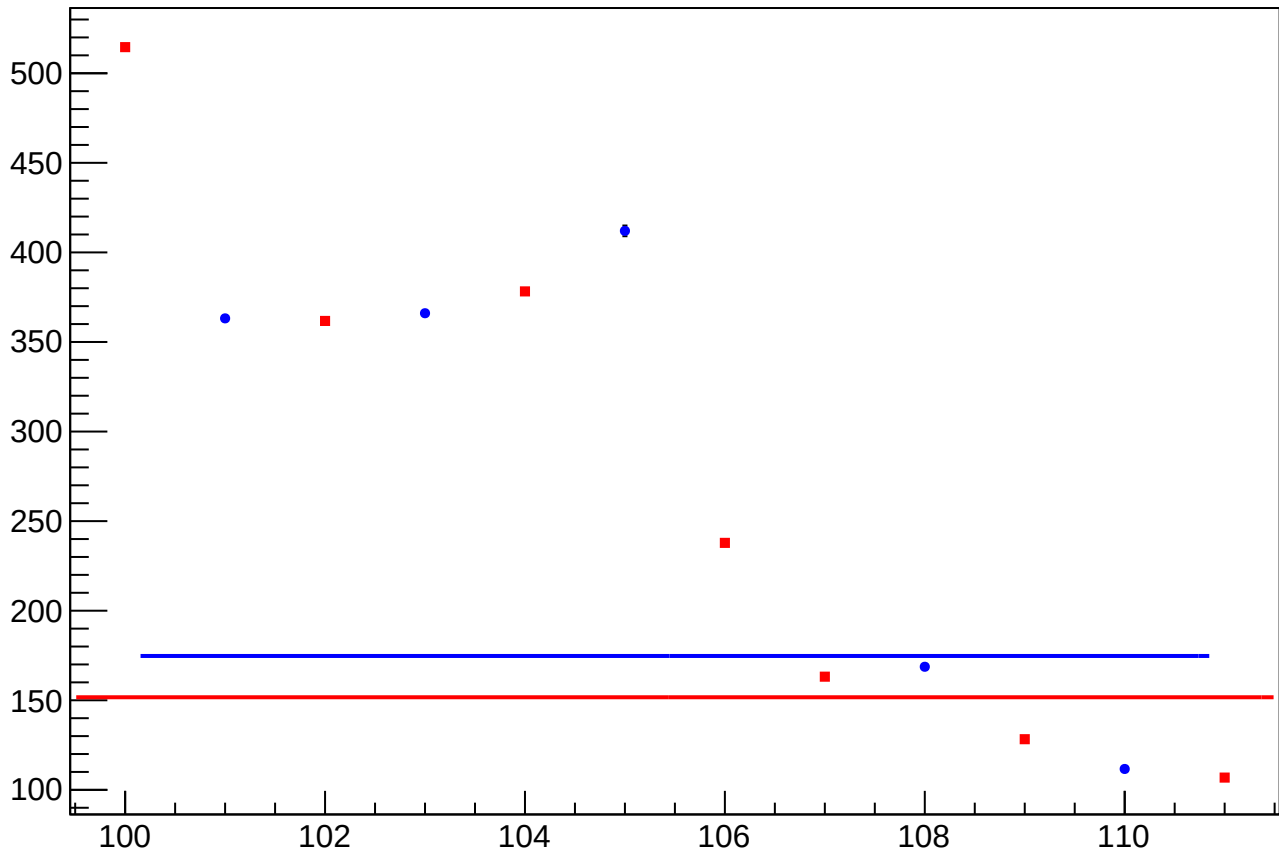
Right Out: 129255.177 $\pm$ 0.105 χ^2 /NDF: 762297118.9/6

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

130093.453 $\pm$ 0.146 χ^2 /NDF: 473742621.2/4

129255.177 $\pm$ 0.105 χ^2 /NDF: 762297118.9/6

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

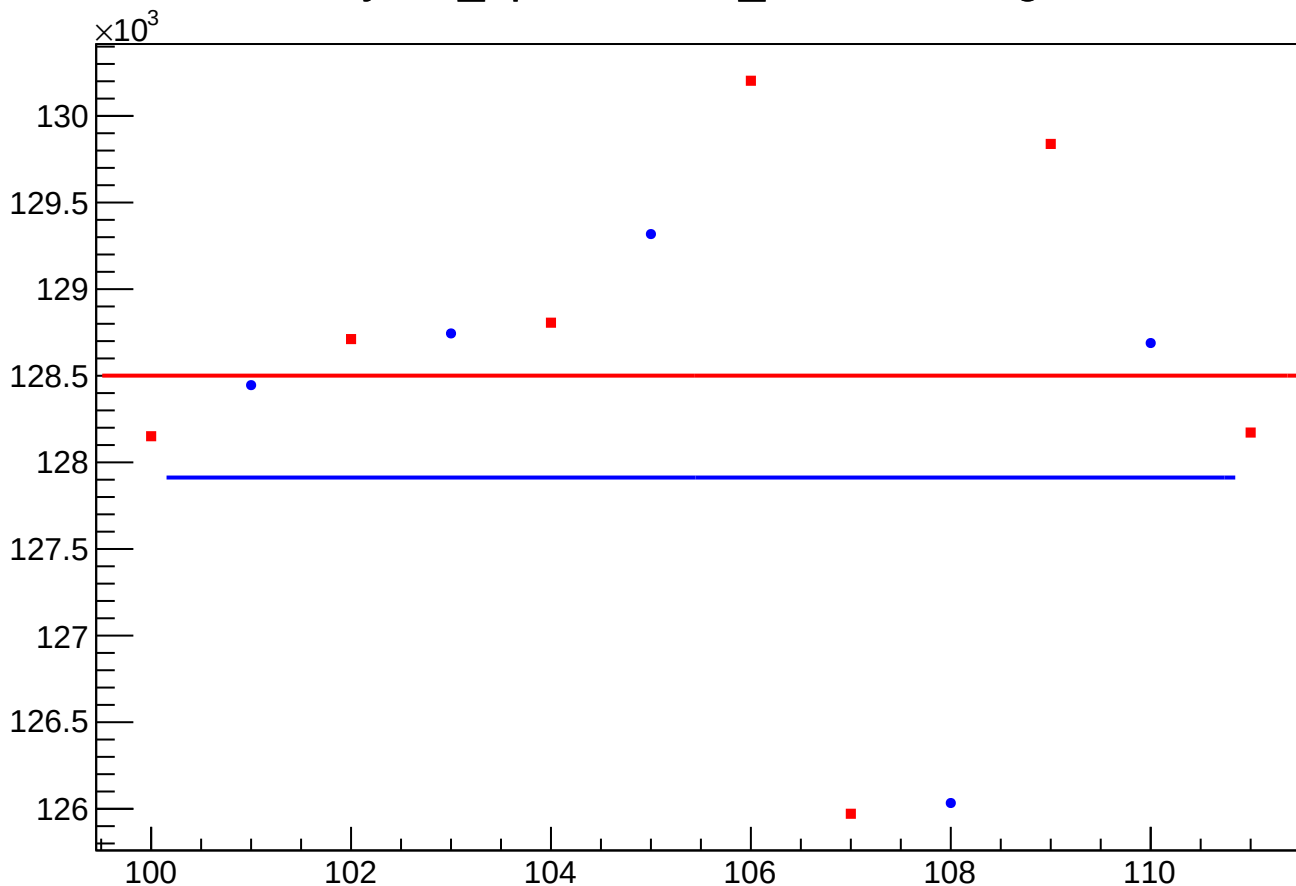
174.734+/-0.103 χ^2/NDF : 831892.4/4

Right Out: 151.684+/-0.075 χ^2/NDF : 1036619.6/6

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

151.684+/-0.075 χ^2/NDF : 1036619.6/6

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

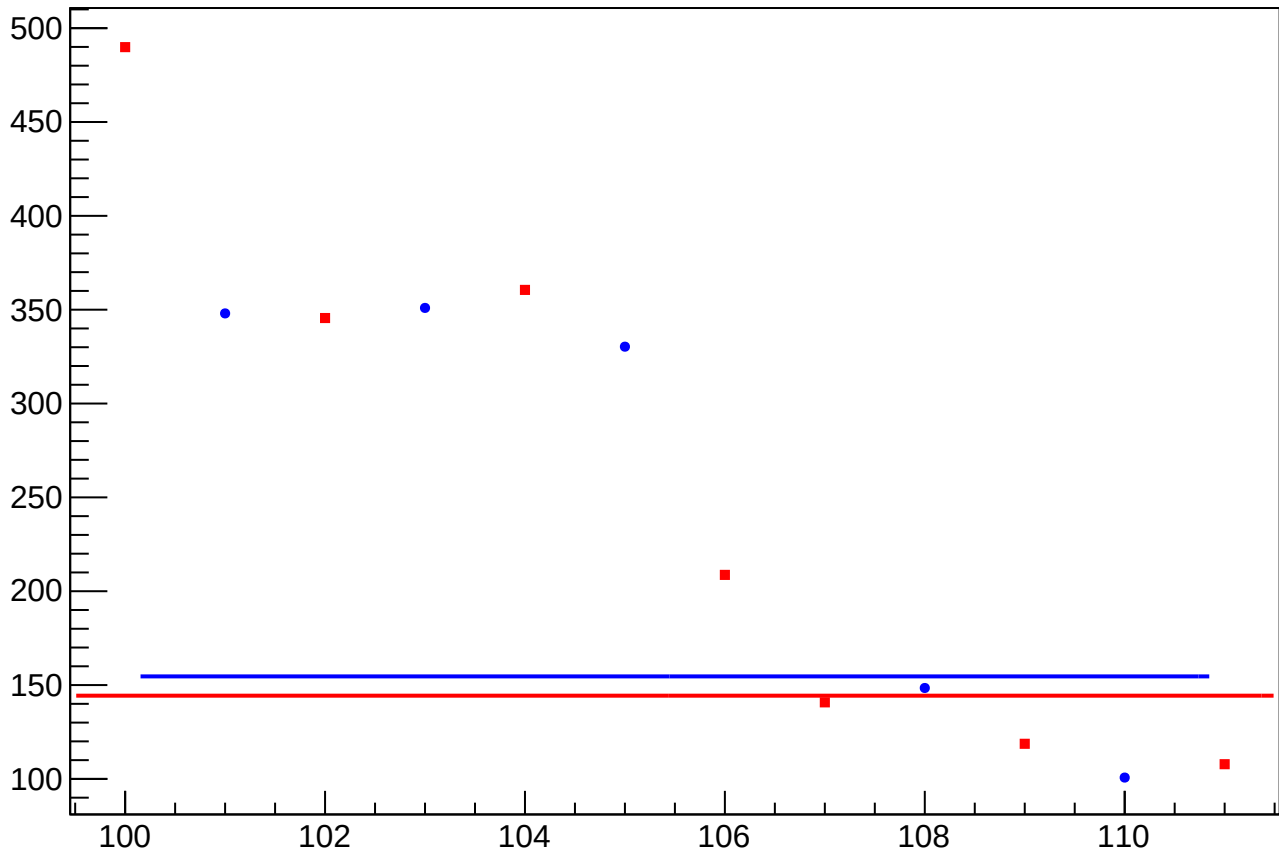
127912.458 $\pm$ 0.130 χ^2 /NDF: 83942072.4/4

Right Out: 128500.741 $\pm$ 0.099 χ^2 /NDF: 196050897.1/6

128500.741 $\pm$ 0.099 χ^2 /NDF: 196050897.1/6

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

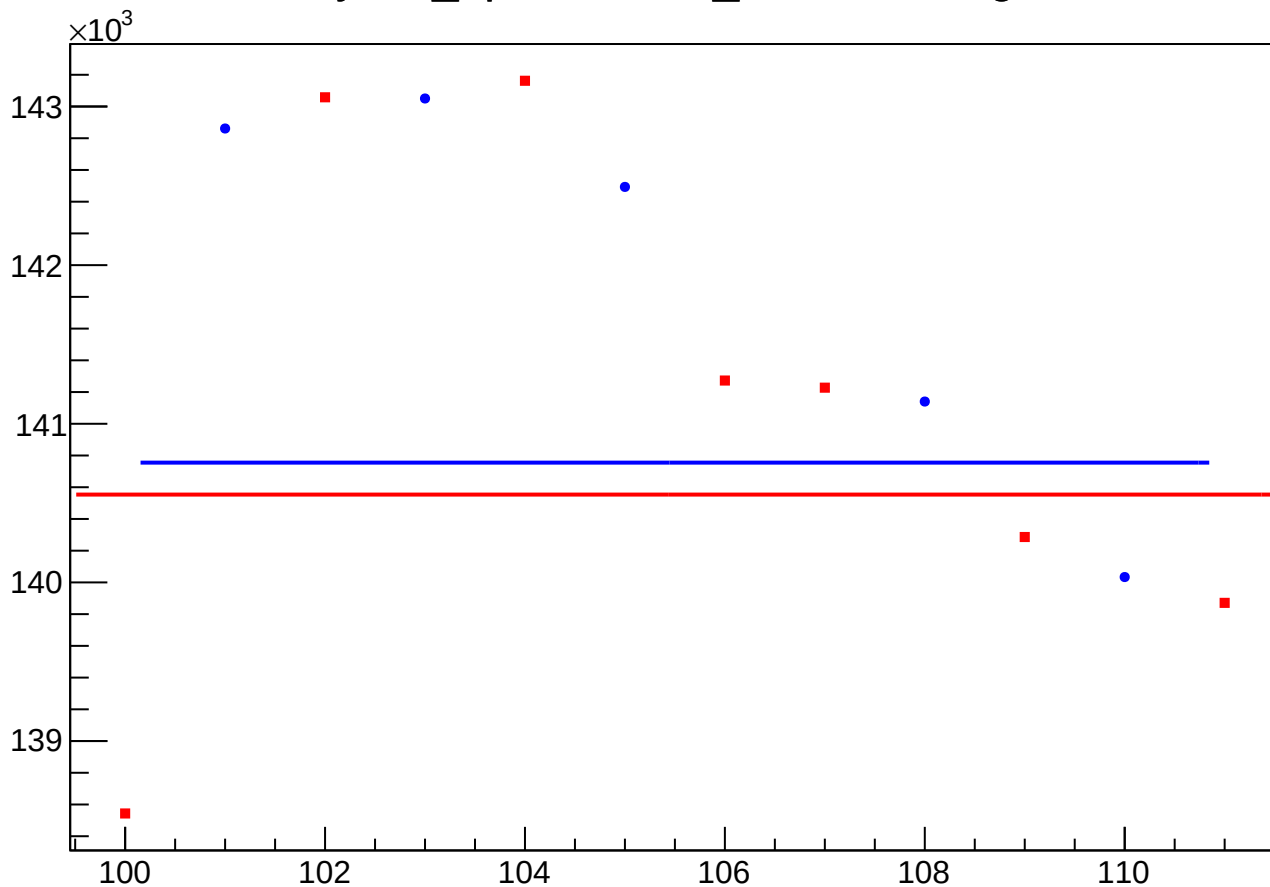
154.619 $\pm$ 0.092 χ^2 /NDF: 912065.5/4

Right Out: 144.344 $\pm$ 0.070 χ^2 /NDF: 981404.3/6

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

144.344 $\pm$ 0.070 χ^2 /NDF: 981404.3/6

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

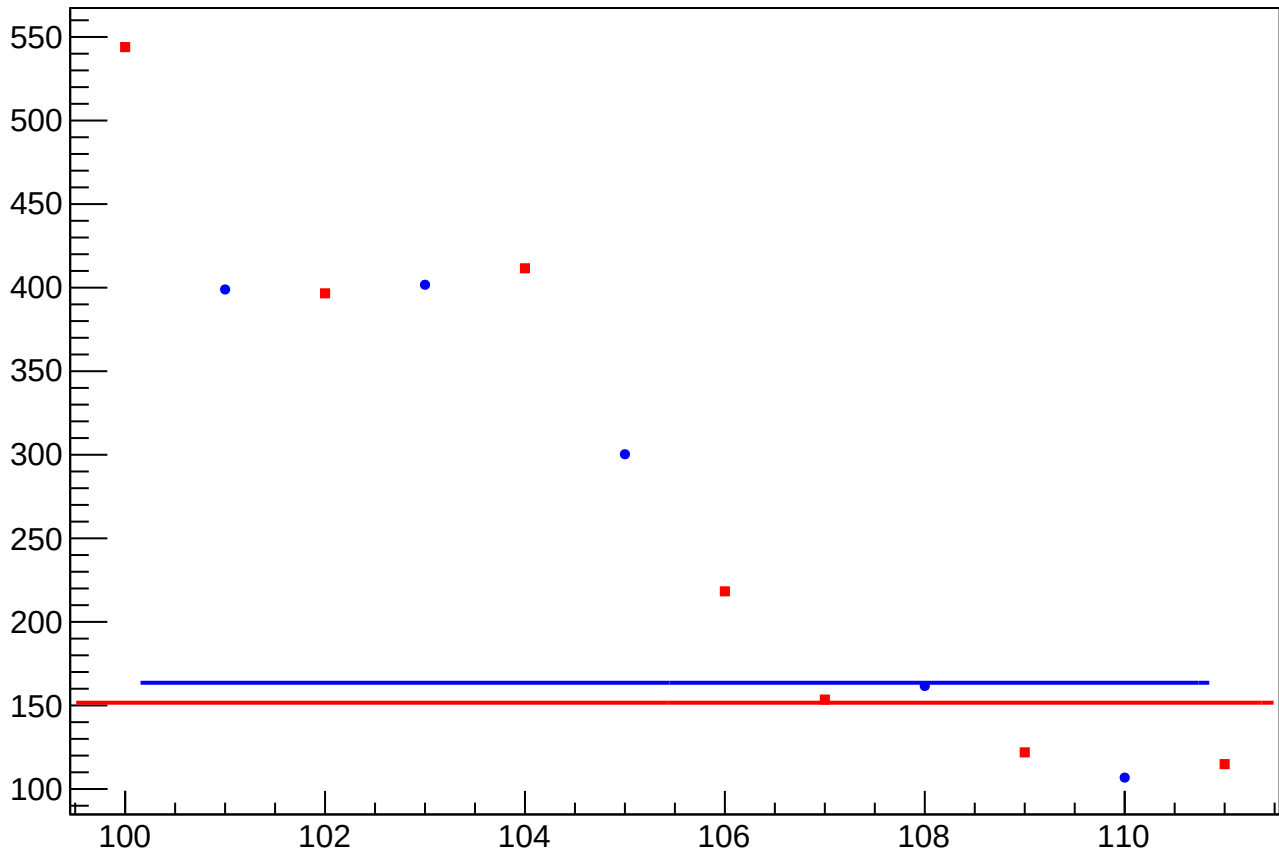
Right Out: 140553.664 $\pm$ 0.105 χ^2 /NDF: 69173288.9/6

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

140755.111 $\pm$ 0.140 χ^2 /NDF: 52756007.2/4

140553.664 $\pm$ 0.105 χ^2 /NDF: 69173288.9/6

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

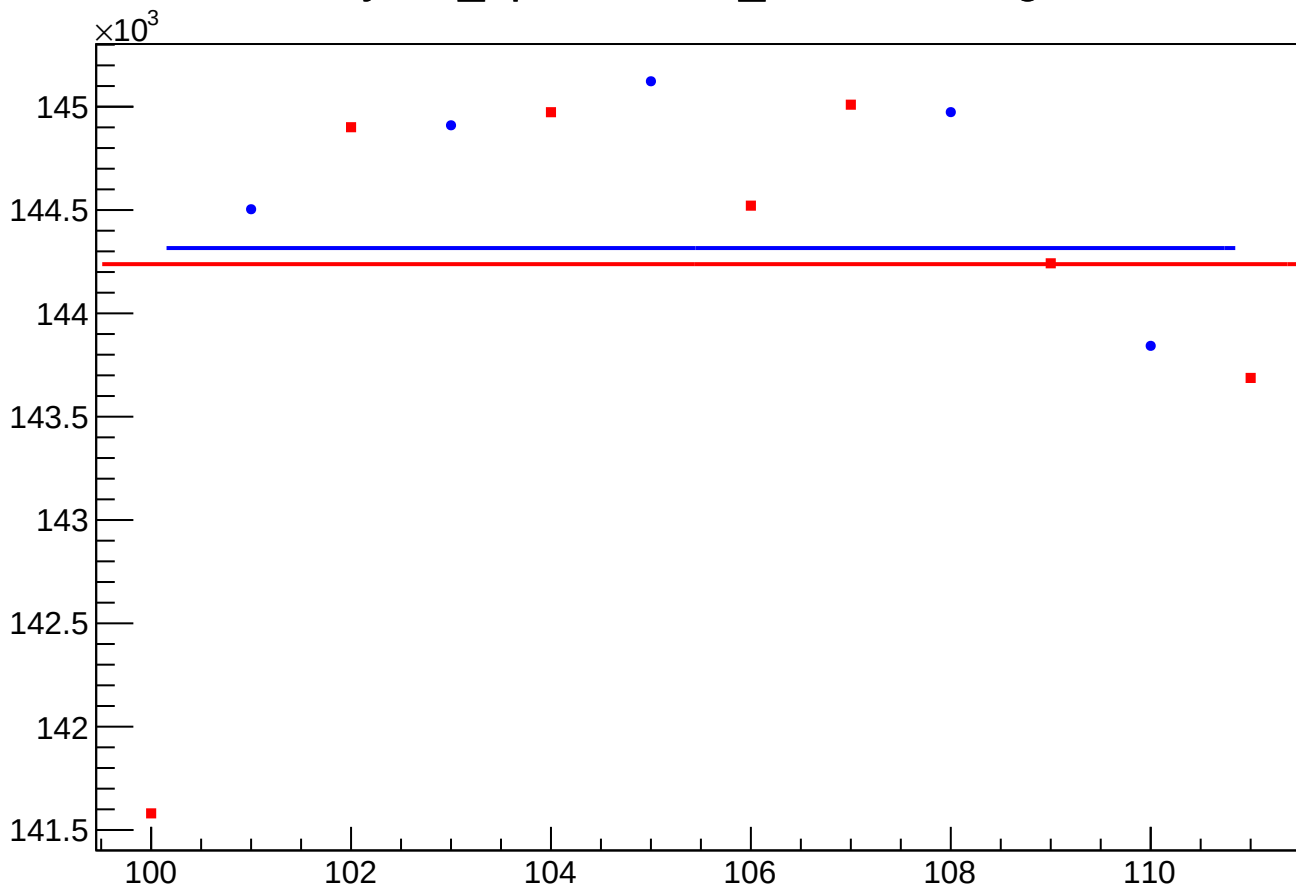
163.575+/-0.099 χ^2/NDF : 1002032.5/4

Right Out: 151.641+/-0.074 χ^2/NDF : 1073111.4/6

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

151.641+/-0.074 χ^2/NDF : 1073111.4/6

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

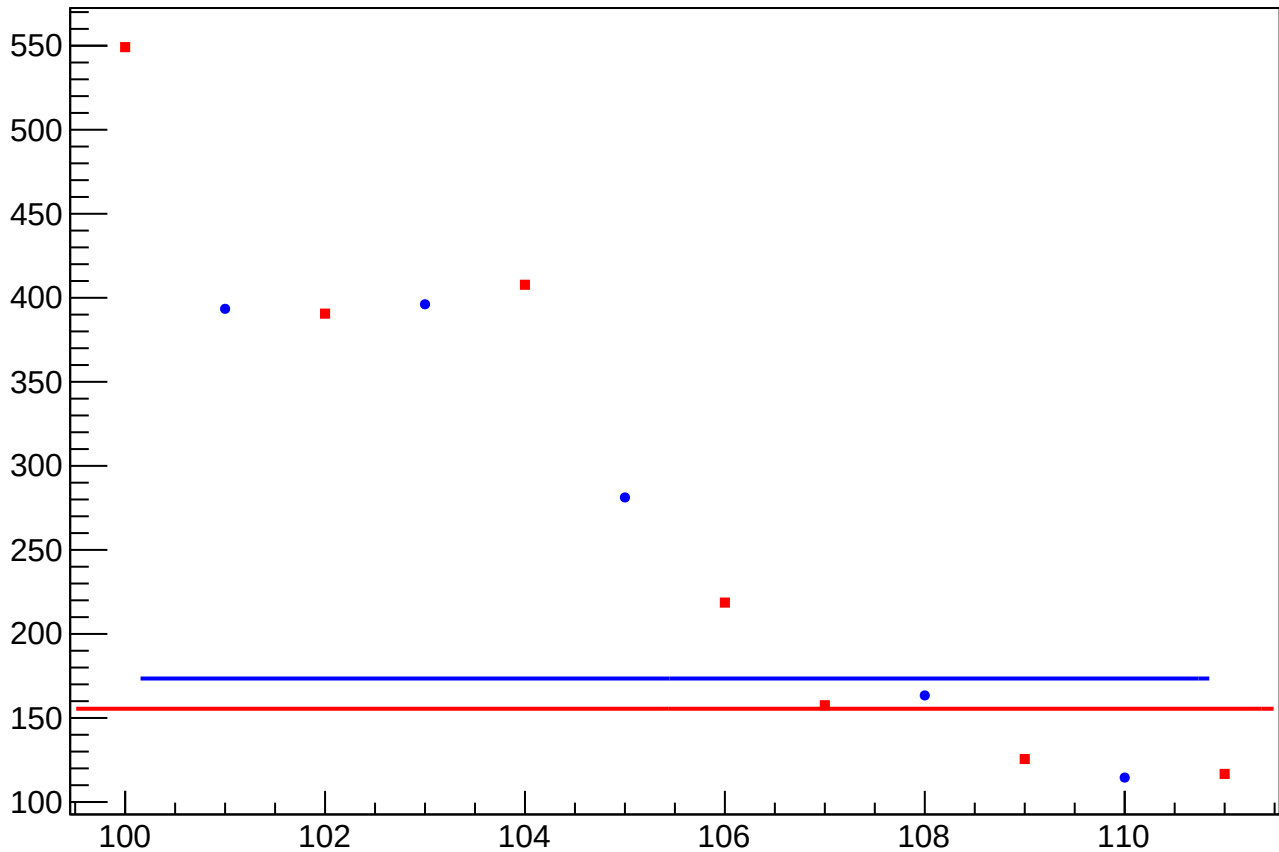
Right Out: 144238.112 $\pm$ 0.107 χ^2 /NDF: 22987476.1/6

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

144315.997 $\pm$ 0.146 χ^2 /NDF: 13252390.2/4

144238.112 $\pm$ 0.107 χ^2 /NDF: 22987476.1/6

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

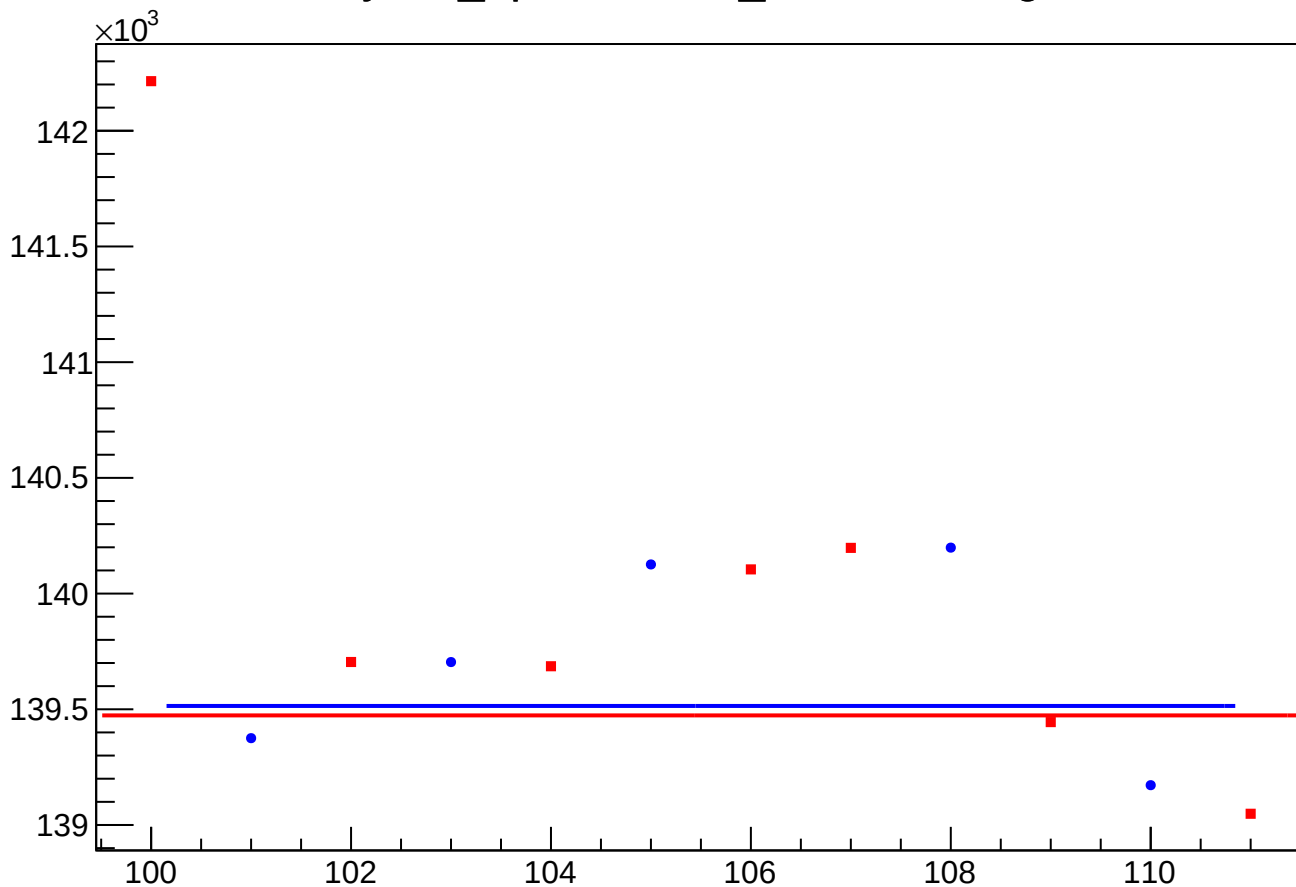
173.480 $\pm$ 0.103 χ^2 /NDF: 908138.4/4

Right Out: 155.494 $\pm$ 0.076 χ^2 /NDF: 1034598.1/6

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

155.494 $\pm$ 0.076 χ^2 /NDF: 1034598.1/6

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

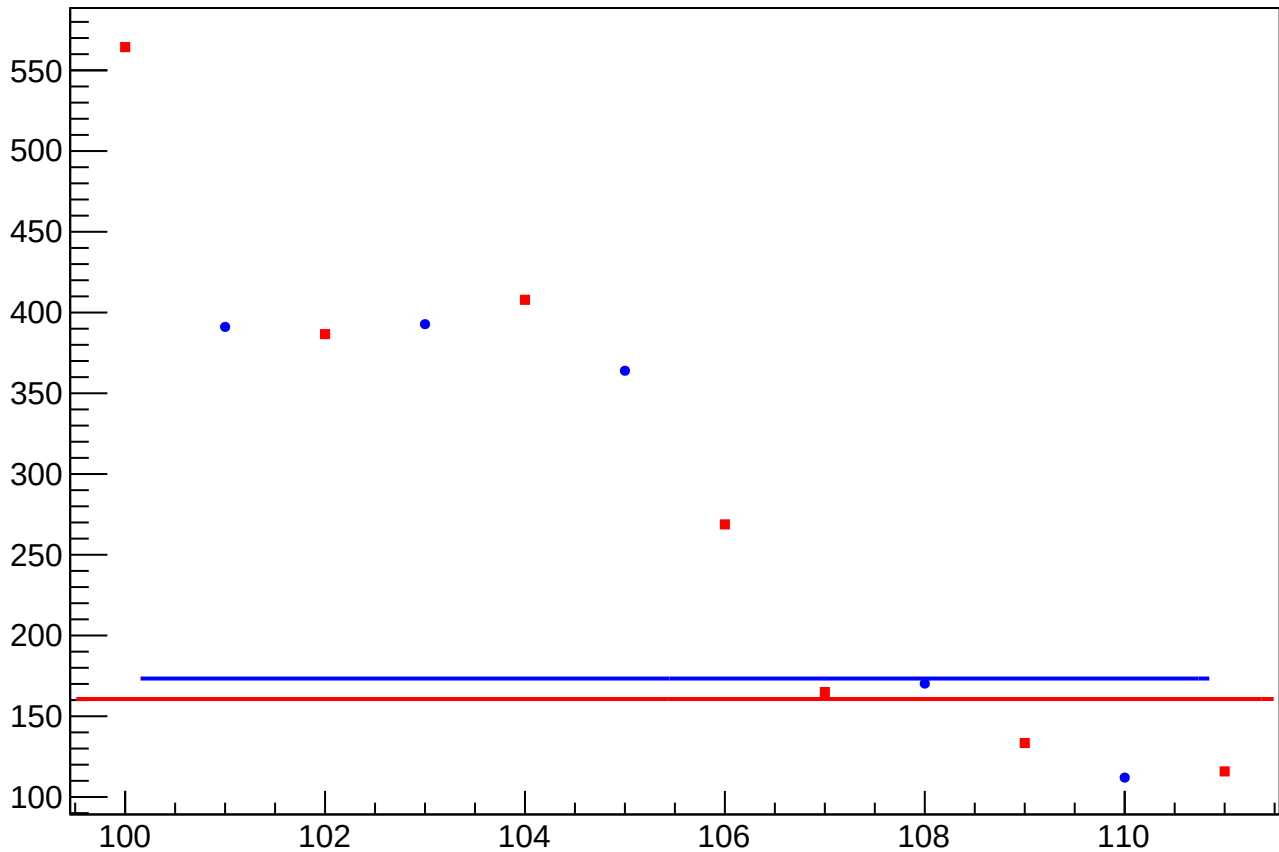
Right Out: 139473.556 $\pm$ 0.111 χ^2 /NDF: 15872493.4/6

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

139514.416 $\pm$ 0.146 χ^2 /NDF: 9338450.9/4

139473.556 $\pm$ 0.111 χ^2 /NDF: 15872493.4/6

yield_bpm0l09WS_rms vs slug



Right In: 173.347+/-0.103 χ^2/NDF : 920266.8/4

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

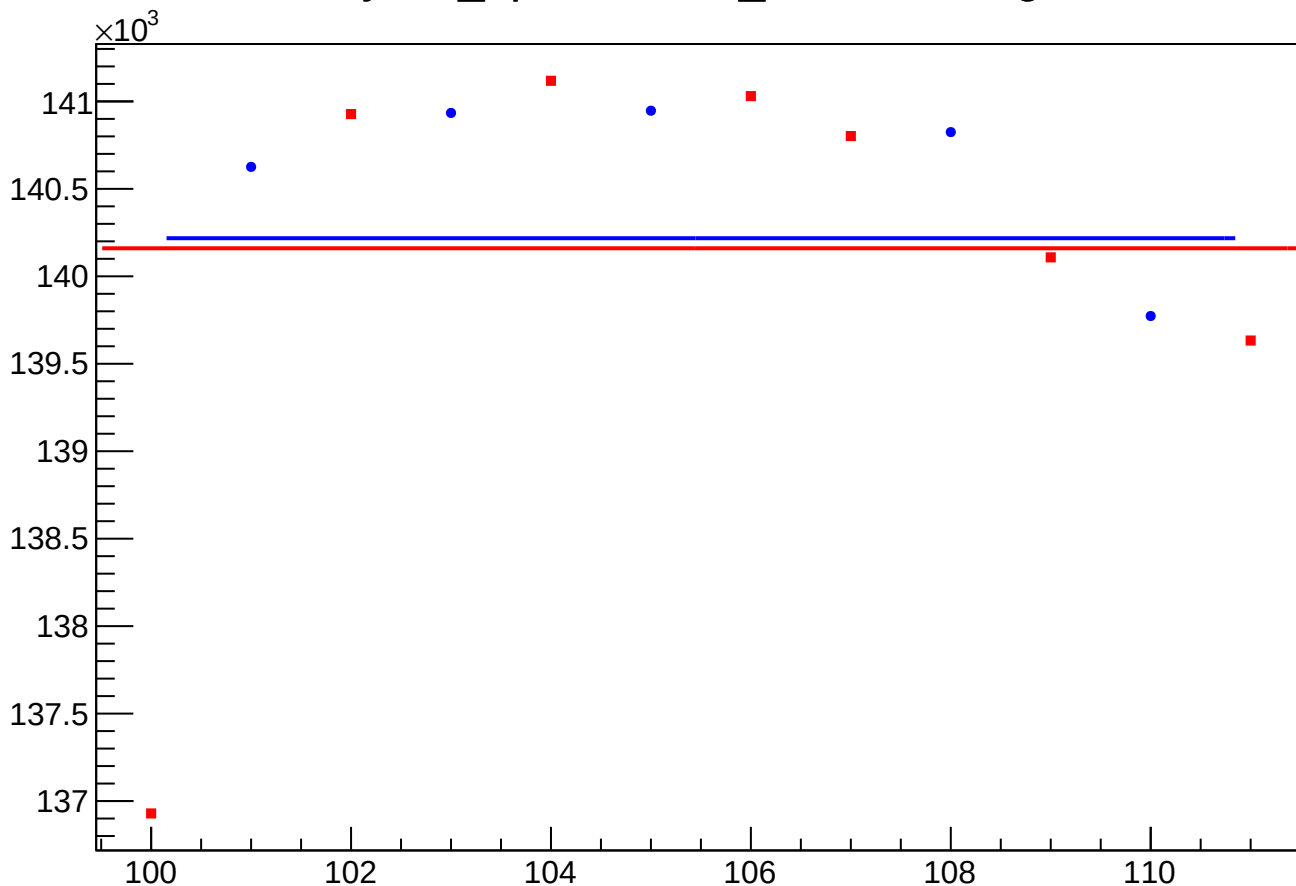
173.347+/-0.103 χ^2/NDF : 920266.8/4

Right Out: 160.676+/-0.079 χ^2/NDF : 1055980.0/6

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

160.676+/-0.079 χ^2/NDF : 1055980.0/6

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

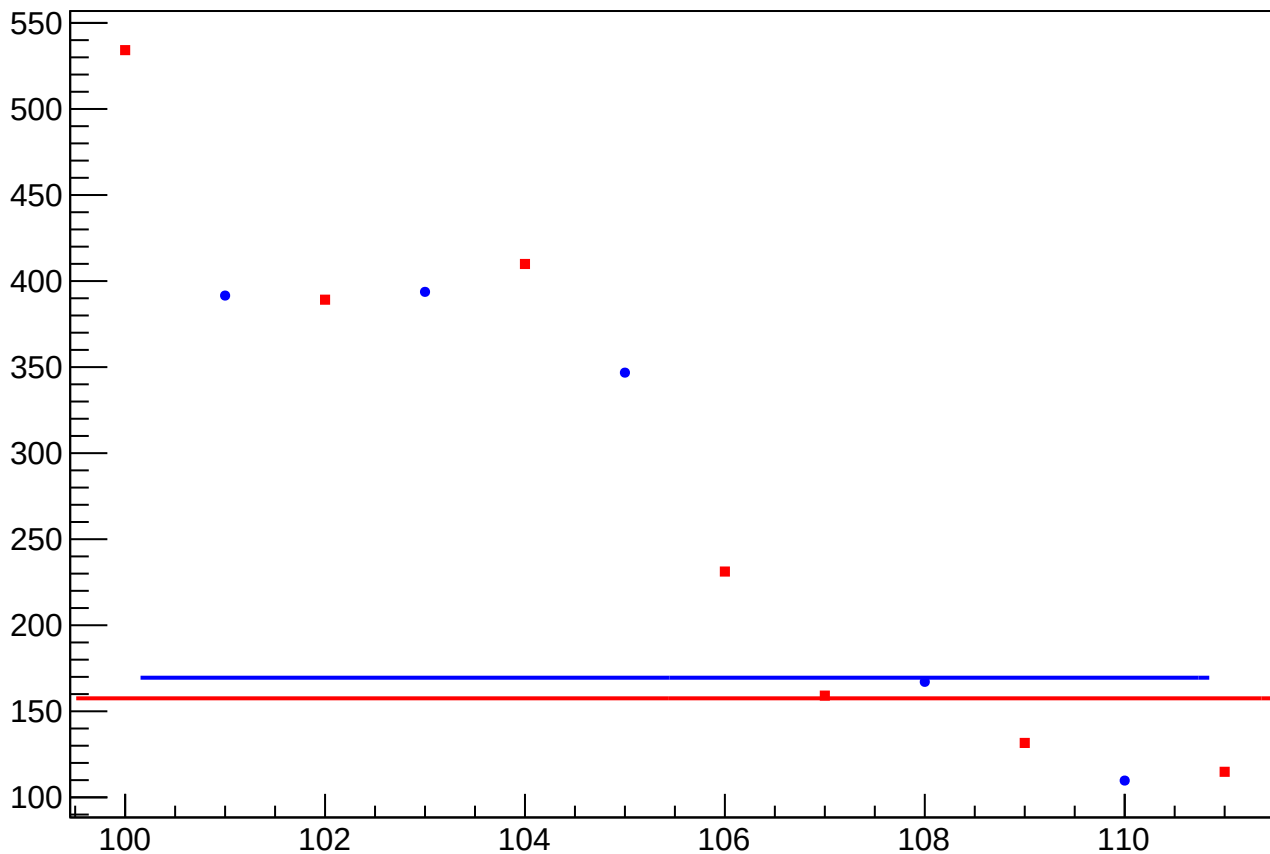
Right Out: 140160.221 $\pm$ 0.109 χ^2 /NDF: 25681154.2/6

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

140217.774 $\pm$ 0.144 χ^2 /NDF: 12894969.6/4

140160.221 $\pm$ 0.109 χ^2 /NDF: 25681154.2/6

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

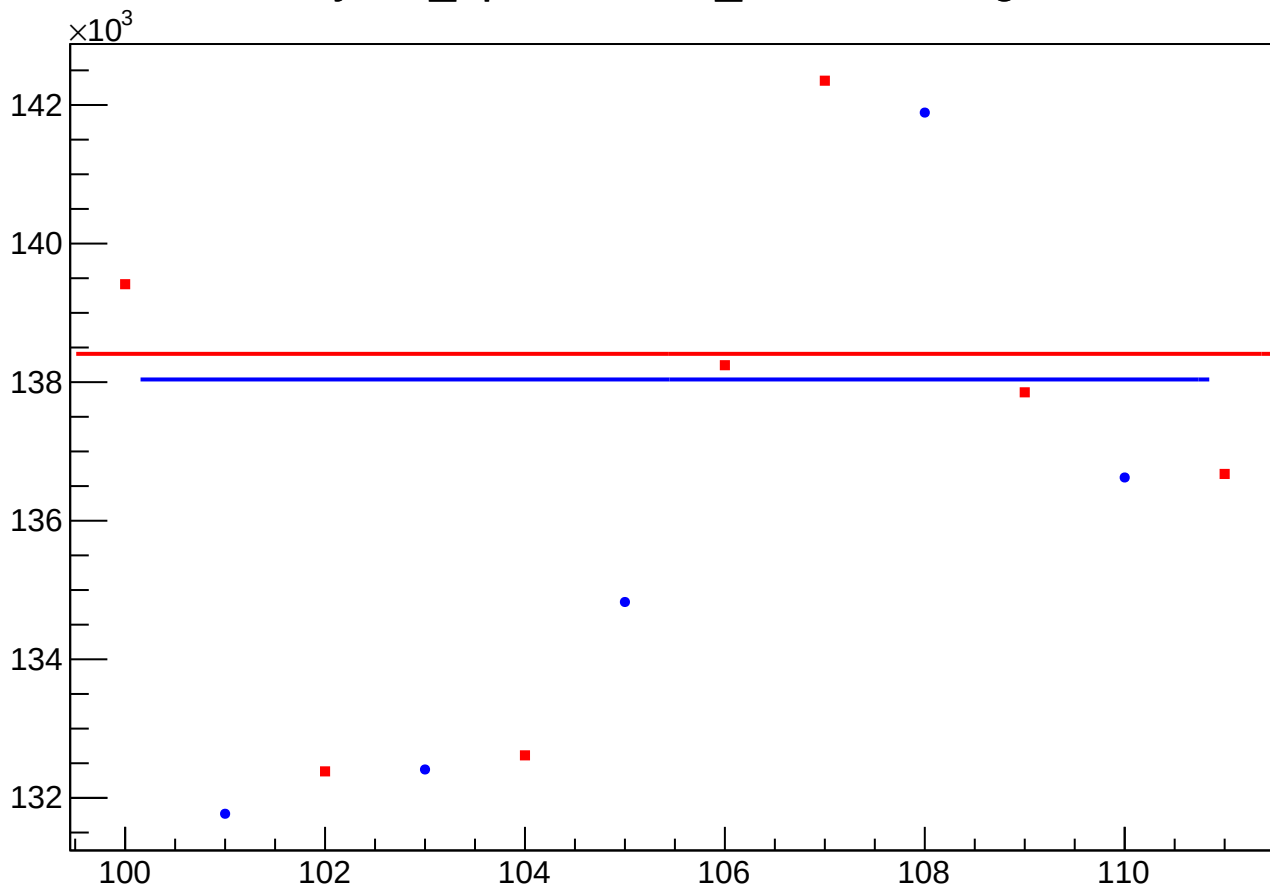
169.517 $\pm$ 0.102 χ^2 /NDF: 946724.4/4

Right Out: 157.538 $\pm$ 0.077 χ^2 /NDF: 1032402.0/6

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

157.538 $\pm$ 0.077 χ^2 /NDF: 1032402.0/6

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

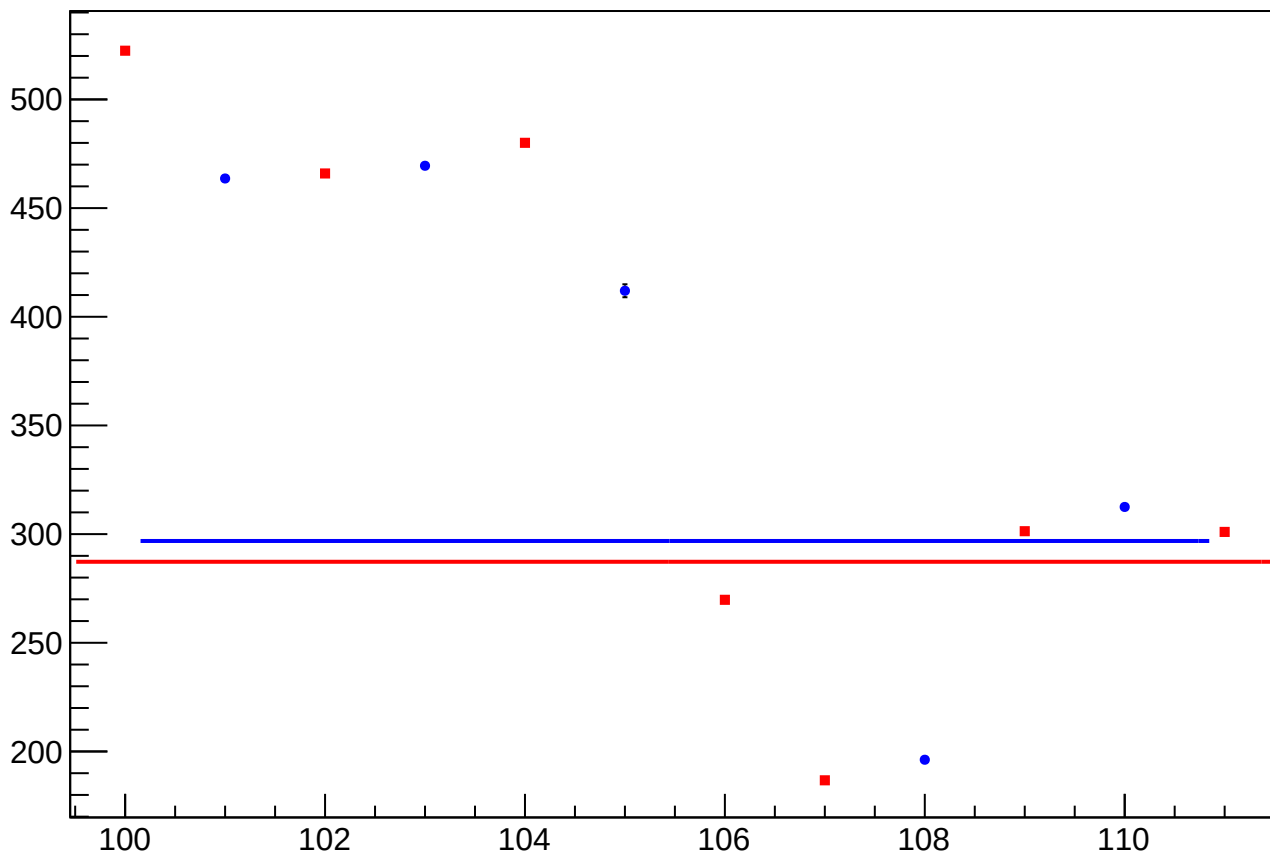
Right Out: 138408.493 $\pm$ 0.188 χ^2 /NDF: 328925394.7/6

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

138038.730 $\pm$ 0.233 χ^2 /NDF: 336919698.4/4

138408.493 $\pm$ 0.188 χ^2 /NDF: 328925394.7/6

yield_bpm0r03WS_rms vs slug



Right In: 296.845+/-0.165 χ^2/NDF : 500184.8/4

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

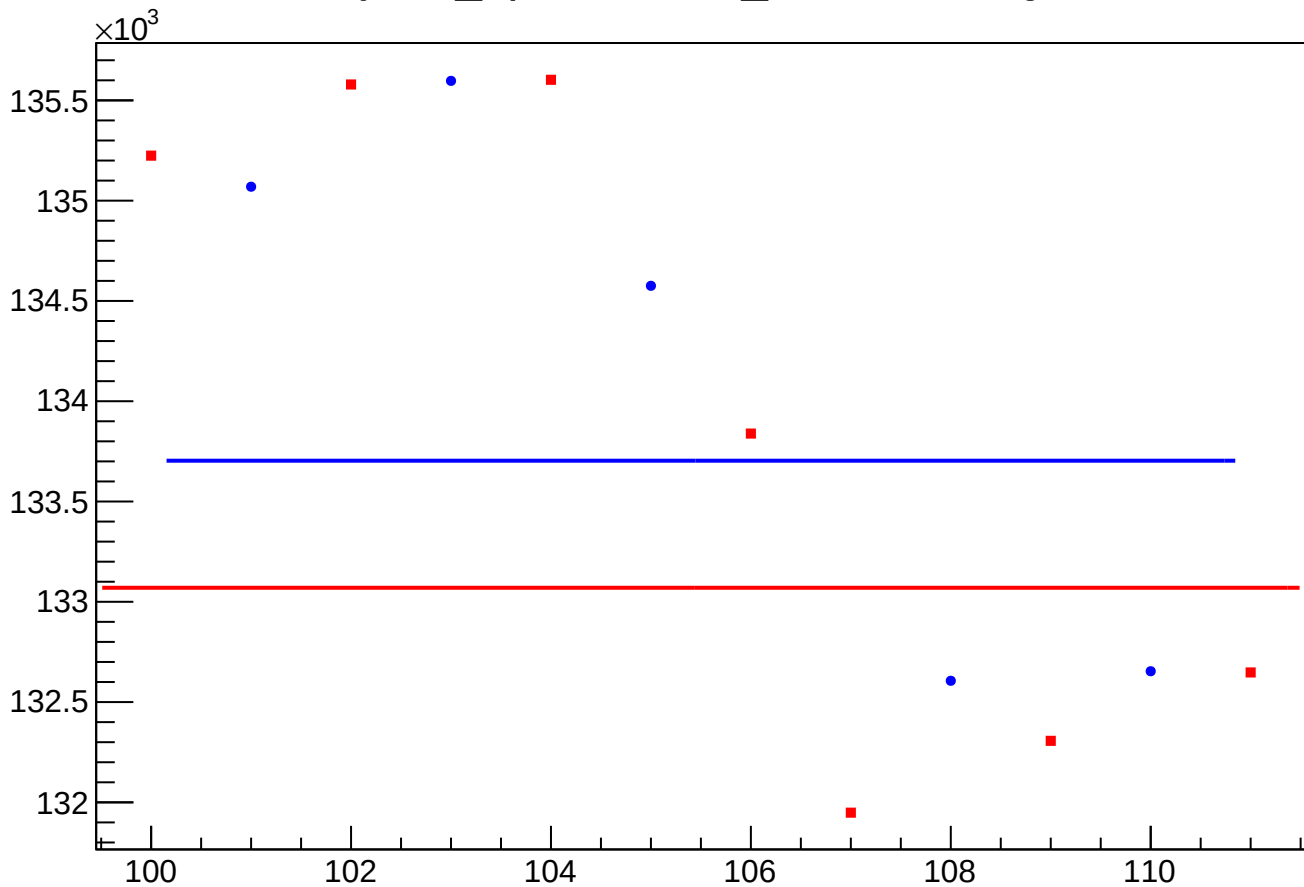
296.845+/-0.165 χ^2/NDF : 500184.8/4

Right Out: 287.277+/-0.133 χ^2/NDF : 546853.5/6

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

287.277+/-0.133 χ^2/NDF : 546853.5/6

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

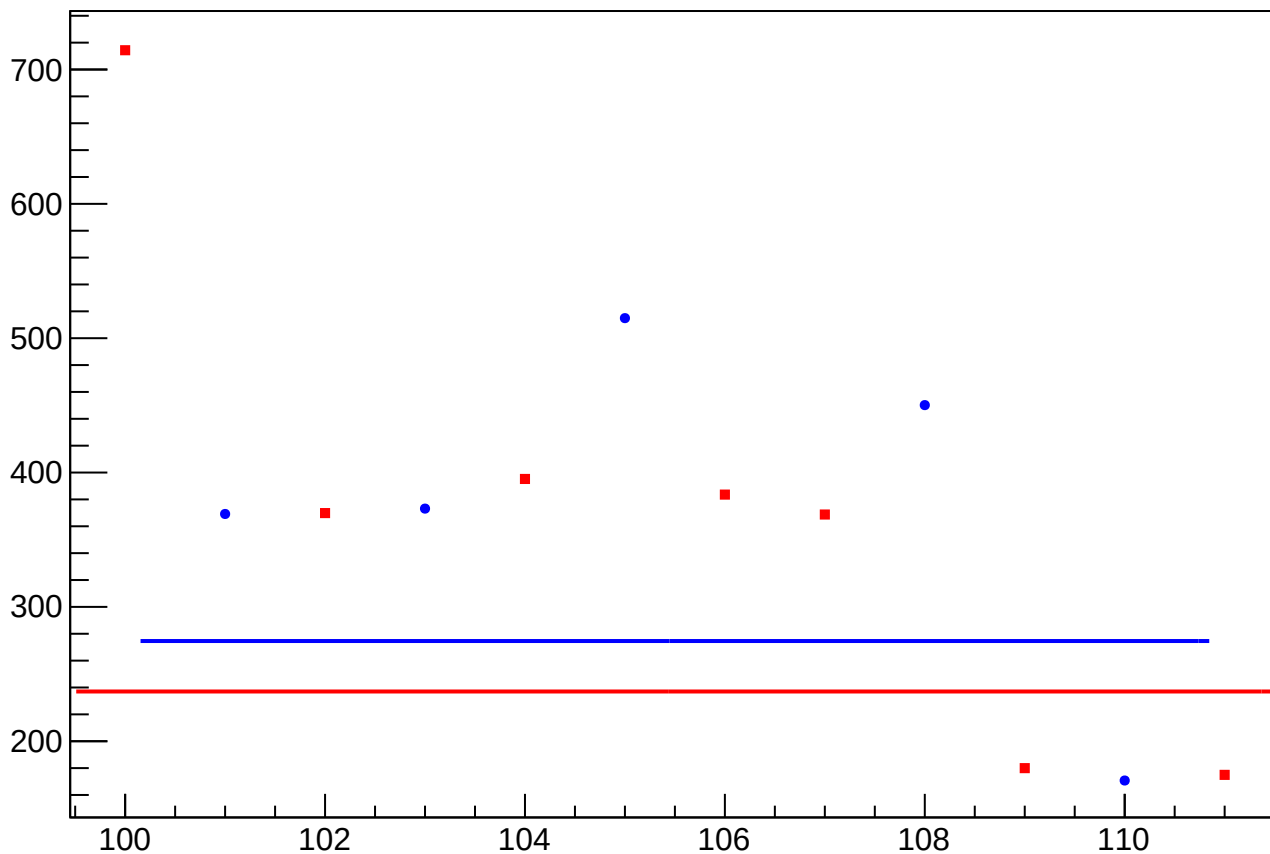
133703.480 $\pm$ 0.217 χ^2 /NDF: 36986440.5/4

Right Out: 133069.957 $\pm$ 0.160 χ^2 /NDF: 60459940.0/6

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

133069.957 $\pm$ 0.160 χ^2 /NDF: 60459940.0/6

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

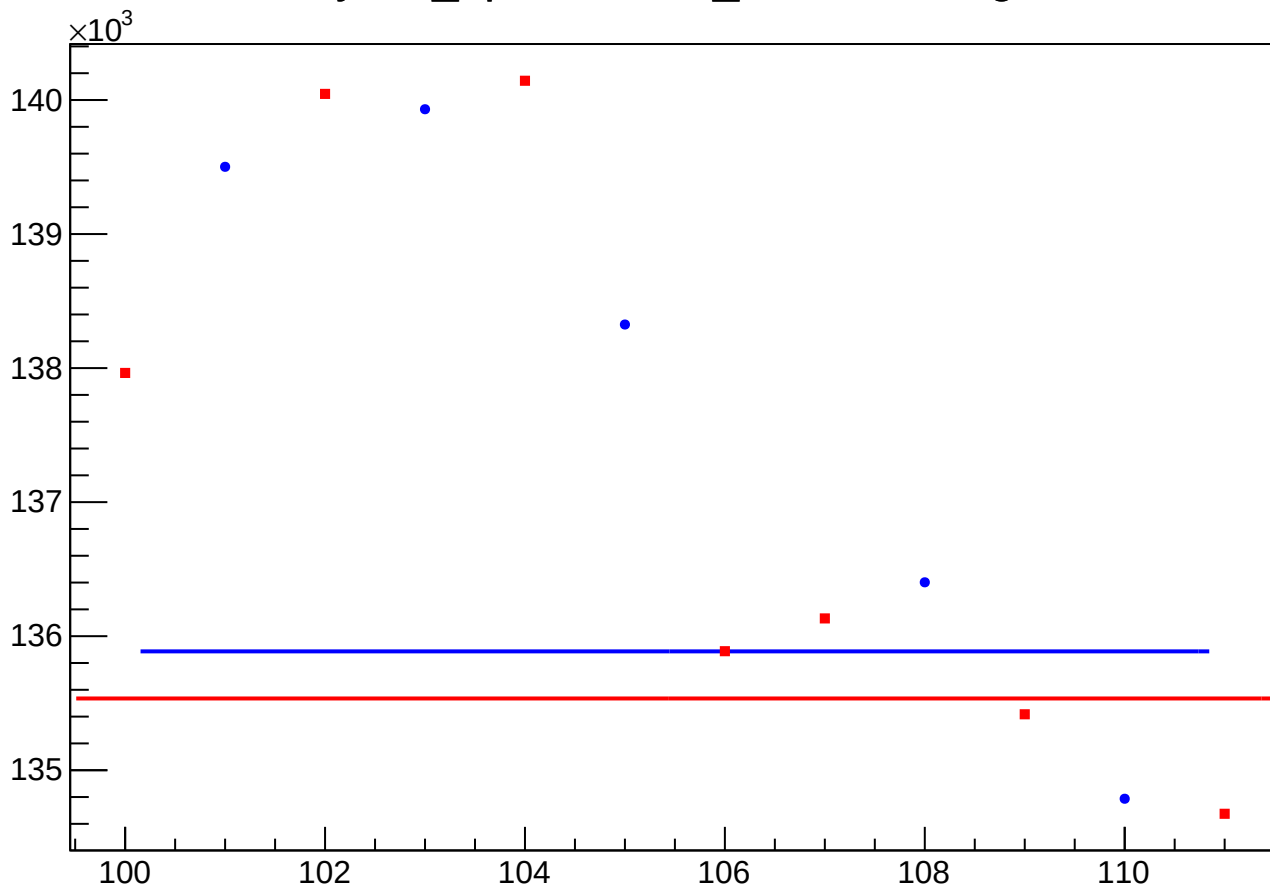
Right Out: 237.027+/-0.113 χ^2/NDF : 709863.0/6

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

274.590+/-0.153 χ^2/NDF : 512220.4/4

237.027+/-0.113 χ^2/NDF : 709863.0/6

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

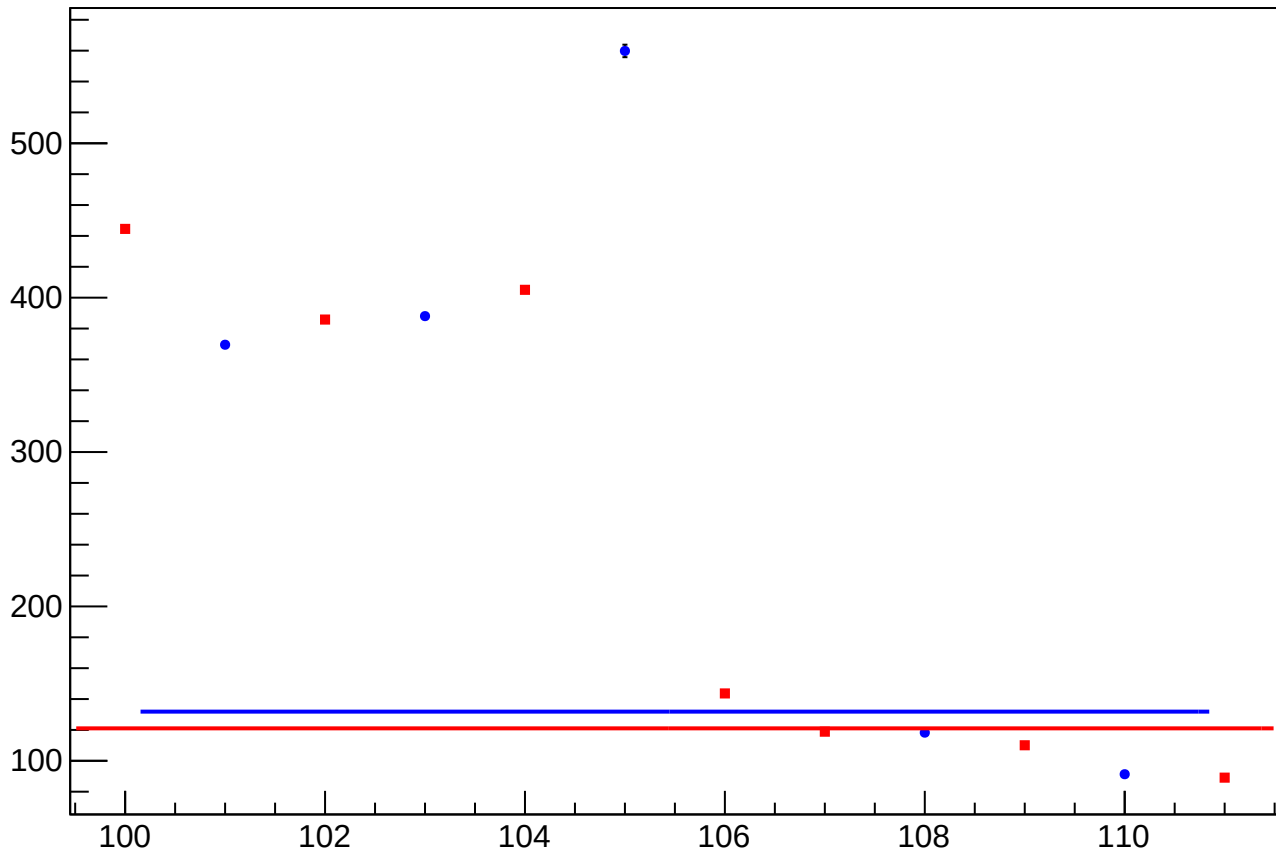
135886.688 $\pm$ 0.116 χ^2 /NDF: 173662557.9/4

Right Out: 135535.260 $\pm$ 0.087 χ^2 /NDF: 189454713.0/6

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

135535.260 $\pm$ 0.087 χ^2 /NDF: 189454713.0/6

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

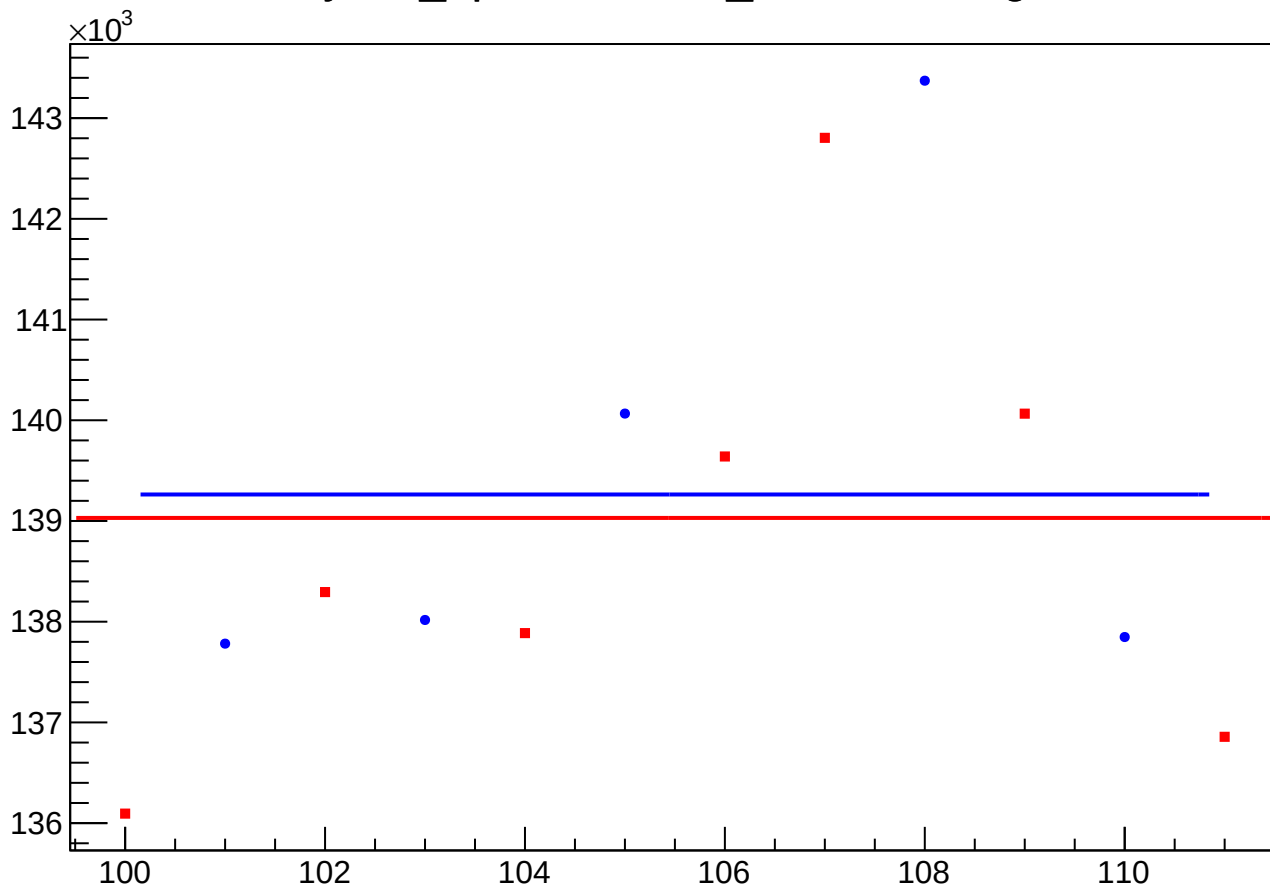
131.857+/-0.082 χ^2/NDF : 1132599.8/4

Right Out: 121.021+/-0.061 χ^2/NDF : 1197306.8/6

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

121.021+/-0.061 χ^2/NDF : 1197306.8/6

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

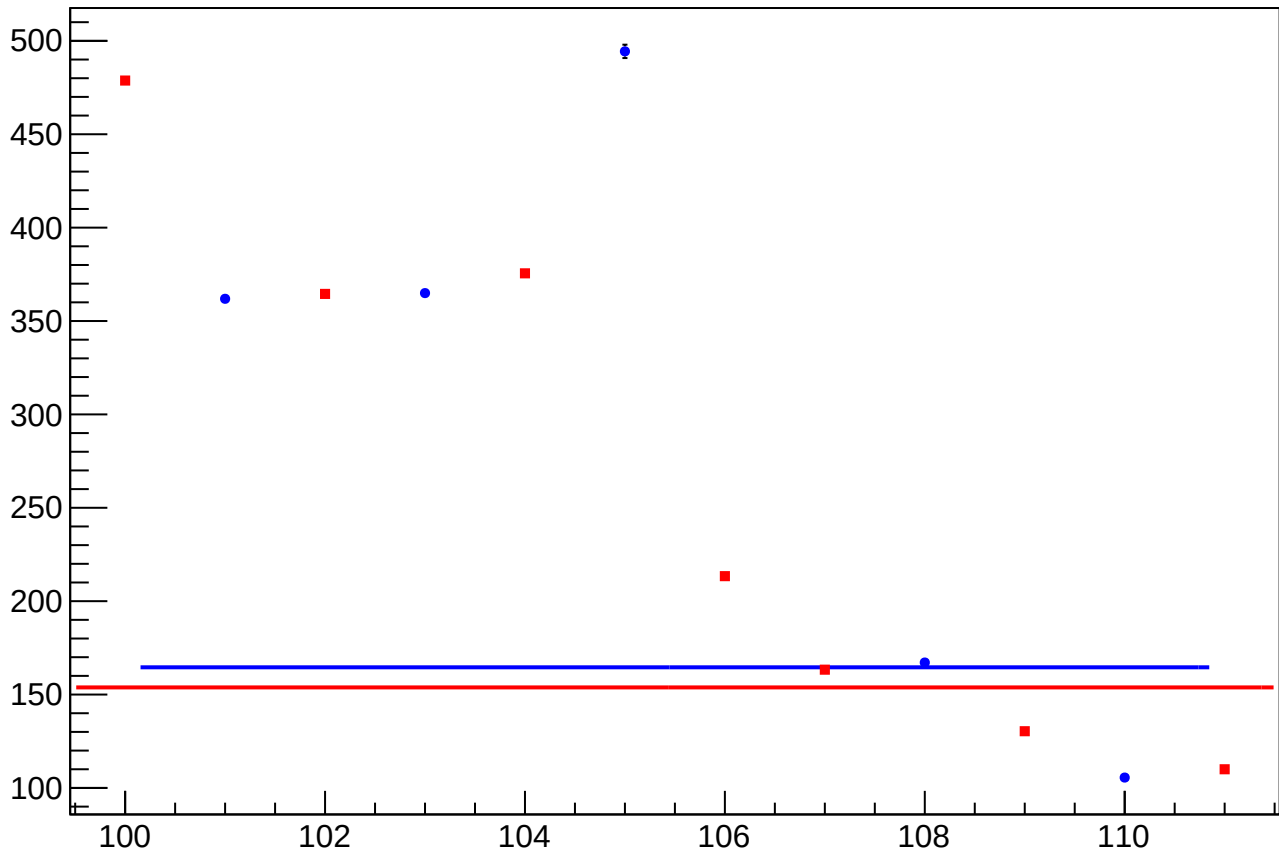
Right Out: 139030.335 $\pm$ 0.107 χ^2 /NDF: 389782651.3/6

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

139263.099 $\pm$ 0.138 χ^2 /NDF: 301442145.3/4

139030.335 $\pm$ 0.107 χ^2 /NDF: 389782651.3/6

yield_bpm0i02aWS_rms vs slug



Right In: 164.588 $\pm$ 0.098 χ^2 /NDF: 909268.2/4

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

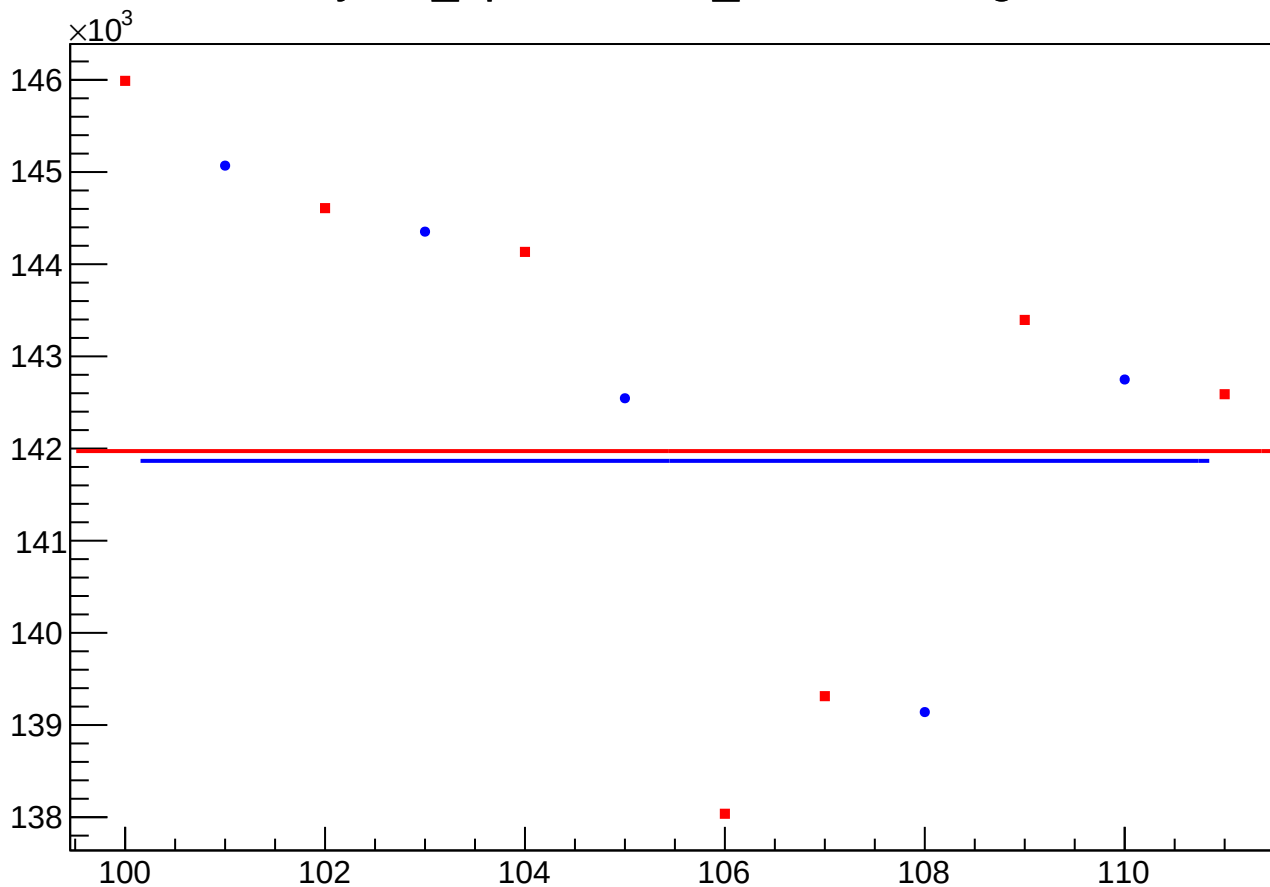
164.588 $\pm$ 0.098 χ^2 /NDF: 909268.2/4

Right Out: 153.823 $\pm$ 0.075 χ^2 /NDF: 968869.8/6

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

153.823 $\pm$ 0.075 χ^2 /NDF: 968869.8/6

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

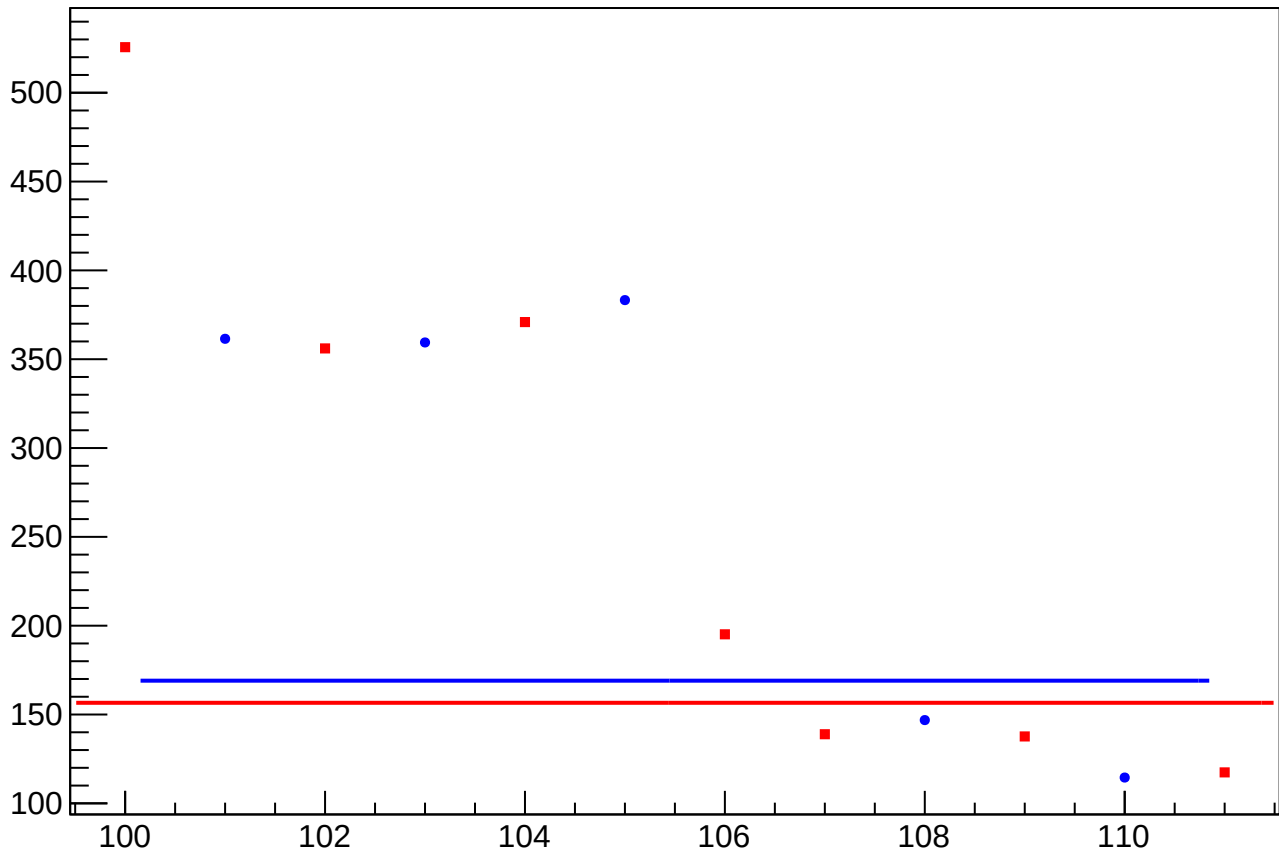
Right Out: 141972.363 $\pm$ 0.107 χ^2 /NDF: 336411473.3/6

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

141866.172 $\pm$ 0.141 χ^2 /NDF: 220030851.3/4

141972.363 $\pm$ 0.107 χ^2 /NDF: 336411473.3/6

yield_bpm0i05WS_rms vs slug



Right In: 169.048 $\pm$ 0.099 χ^2 /NDF: 818204.9/4

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

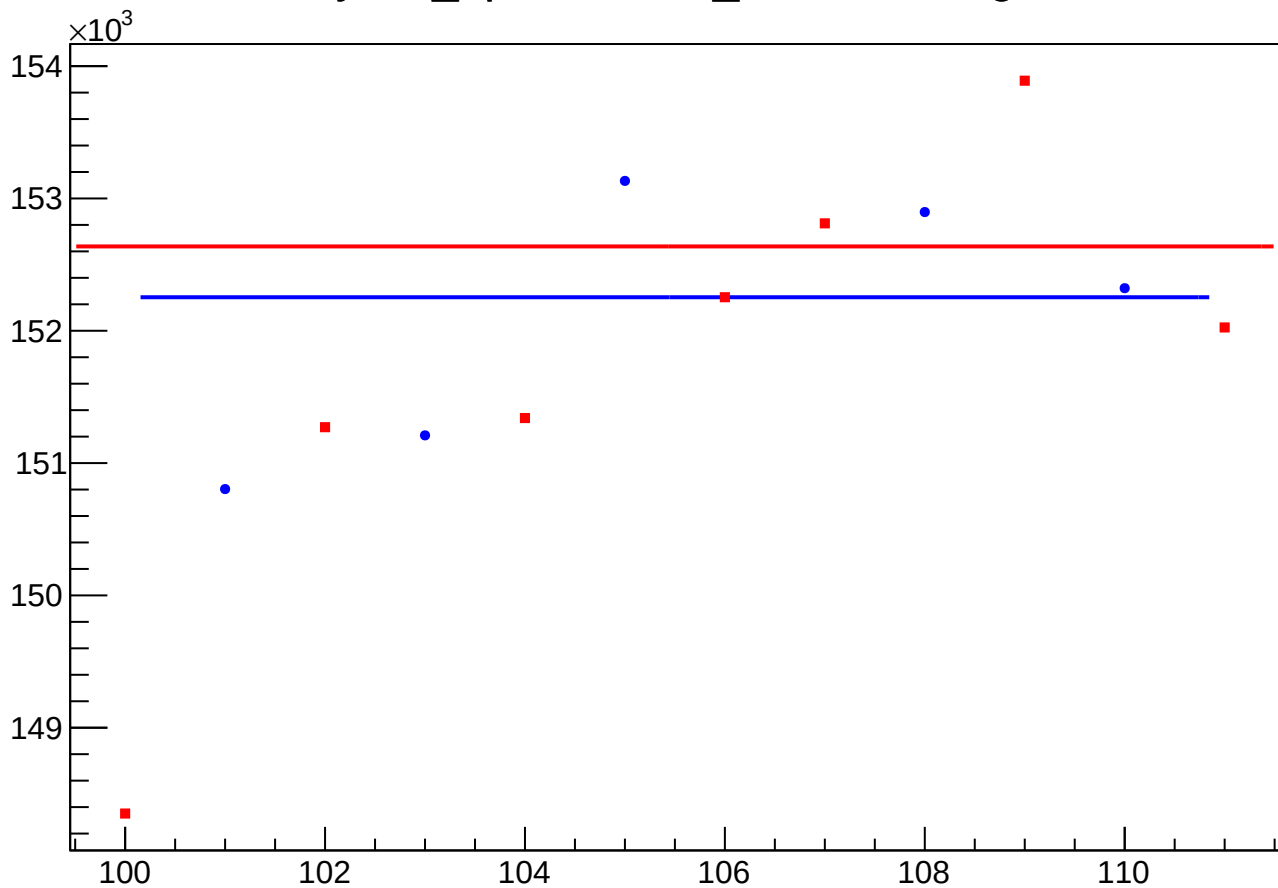
169.048 $\pm$ 0.099 χ^2 /NDF: 818204.9/4

Right Out: 156.597 $\pm$ 0.076 χ^2 /NDF: 878266.3/6

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

156.597 $\pm$ 0.076 χ^2 /NDF: 878266.3/6

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

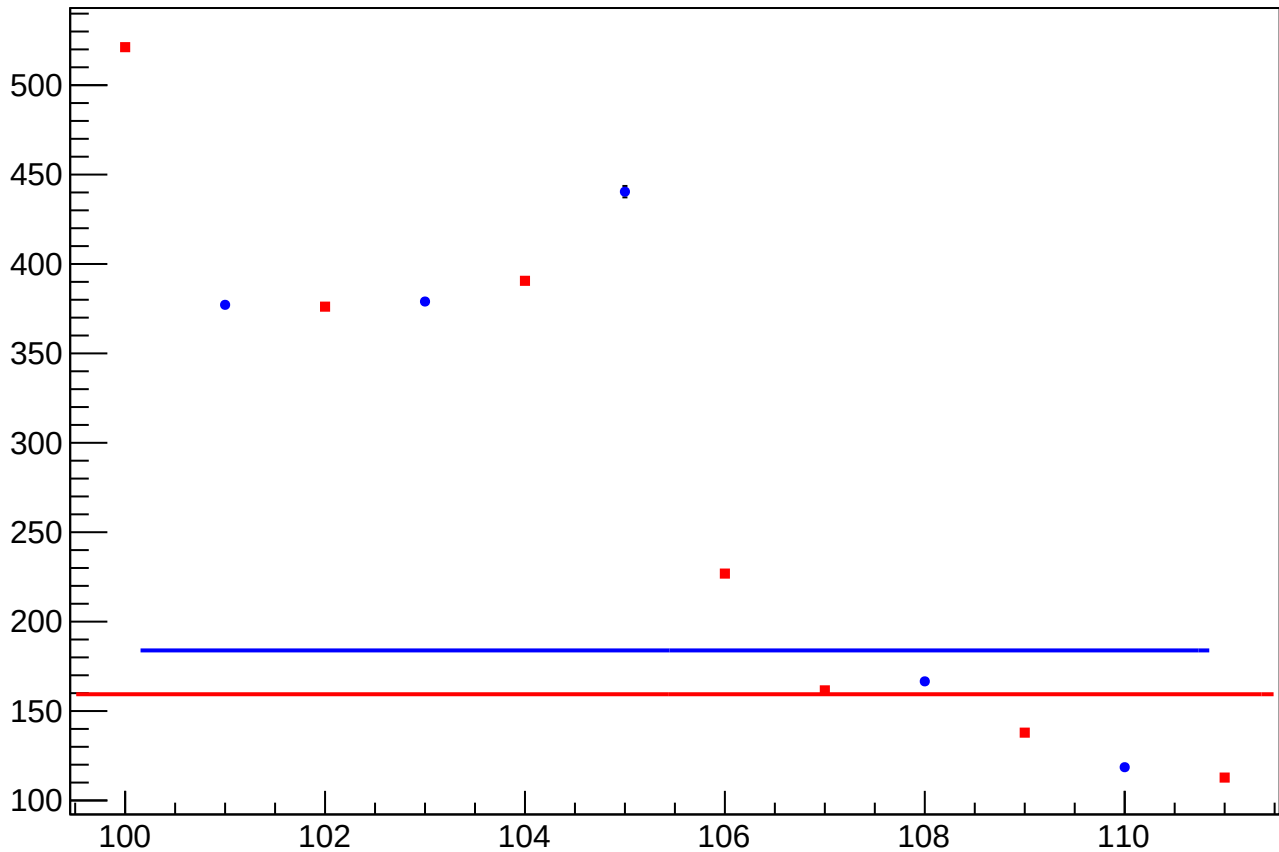
152253.383 $\pm$ 0.154 χ^2 /NDF: 18669313.2/4

Right Out: 152637.435 $\pm$ 0.111 χ^2 /NDF: 67951462.9/6

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

152637.435 $\pm$ 0.111 χ^2 /NDF: 67951462.9/6

yield_bpm0i07WS_rms vs slug



Right In: 183.900 $\pm$ 0.109 χ^2 /NDF: 798534.0/4

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

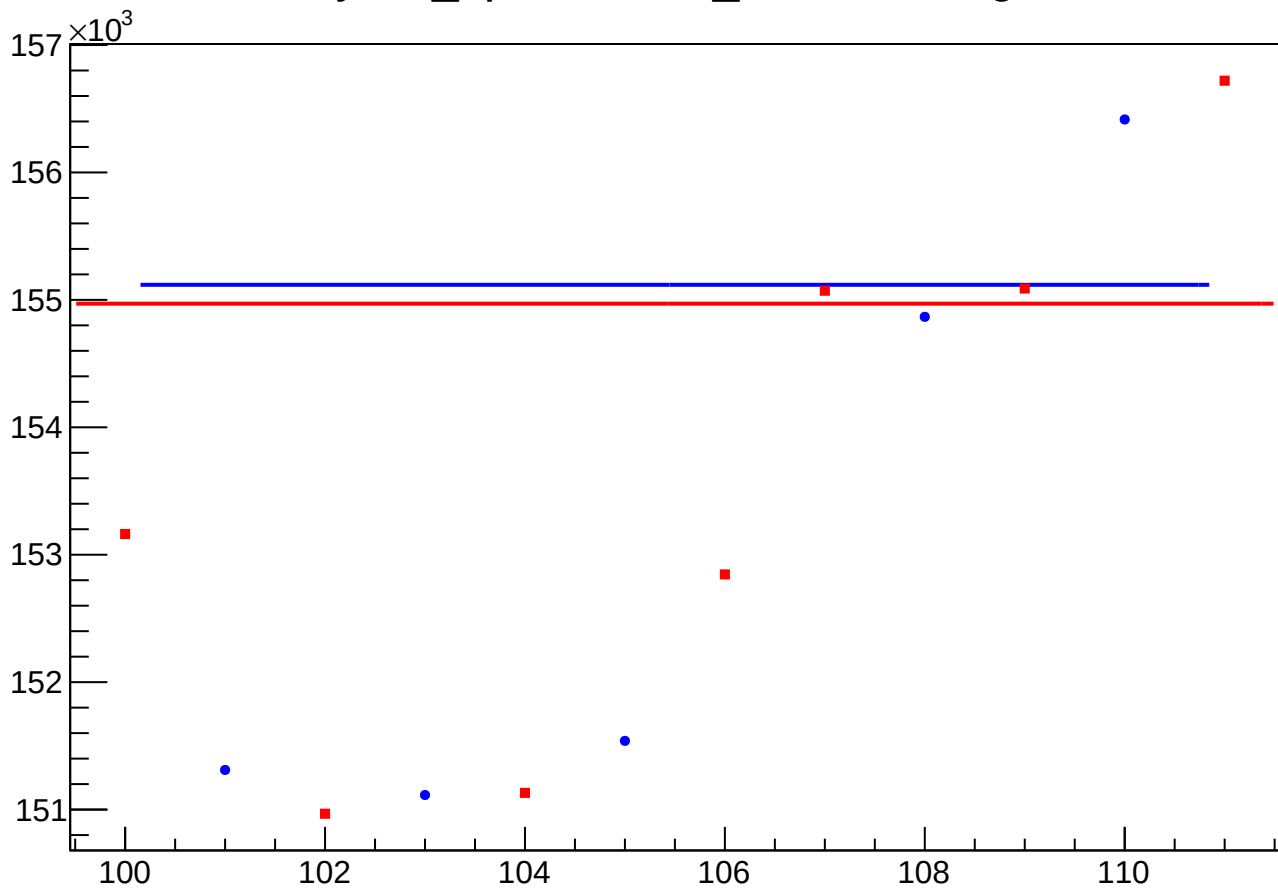
183.900 $\pm$ 0.109 χ^2 /NDF: 798534.0/4

Right Out: 159.397 $\pm$ 0.078 χ^2 /NDF: 979966.9/6

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

159.397 $\pm$ 0.078 χ^2 /NDF: 979966.9/6

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

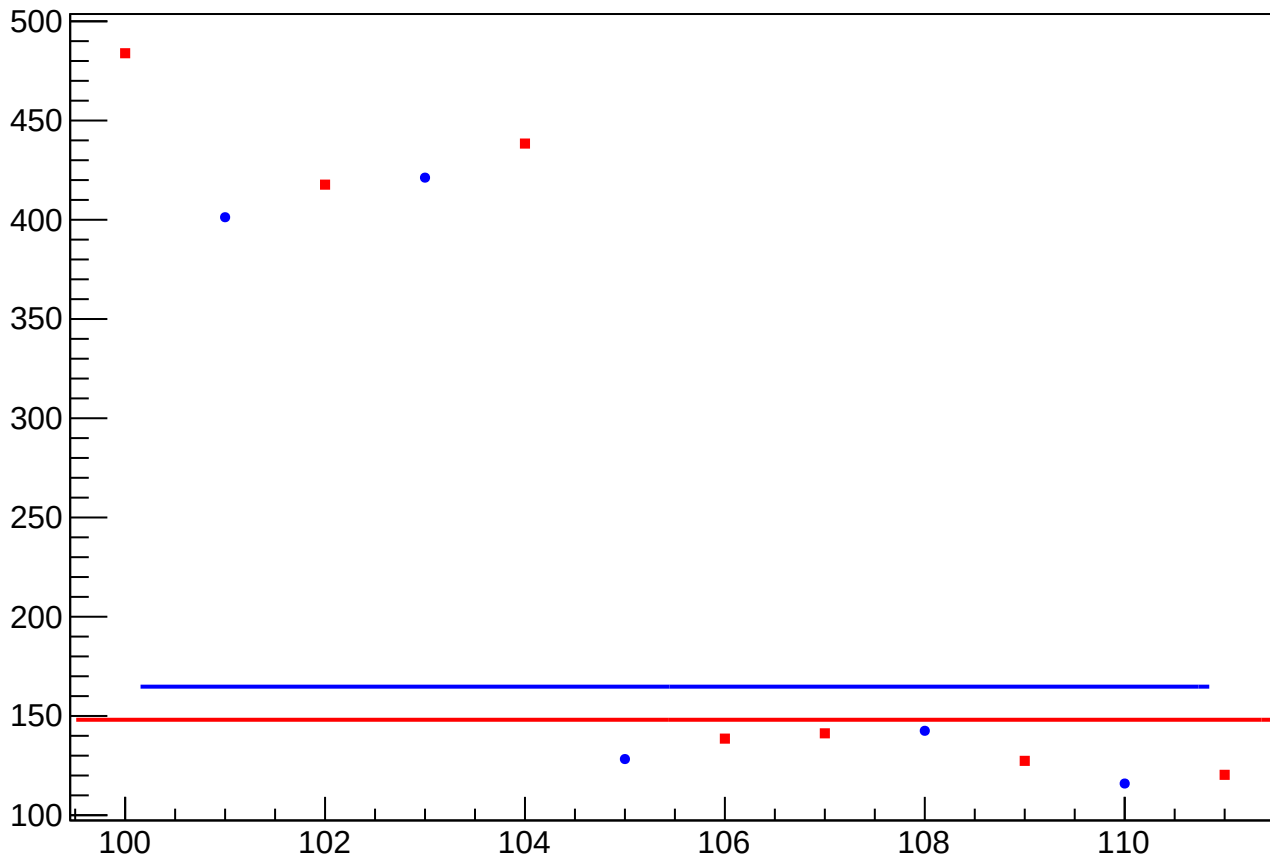
Right Out: 154970.224 $\pm$ 0.101 χ^2 /NDF: 247352289.2/6

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

155118.179 $\pm$ 0.140 χ^2 /NDF: 155713887.2/4

154970.224 $\pm$ 0.101 χ^2 /NDF: 247352289.2/6

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

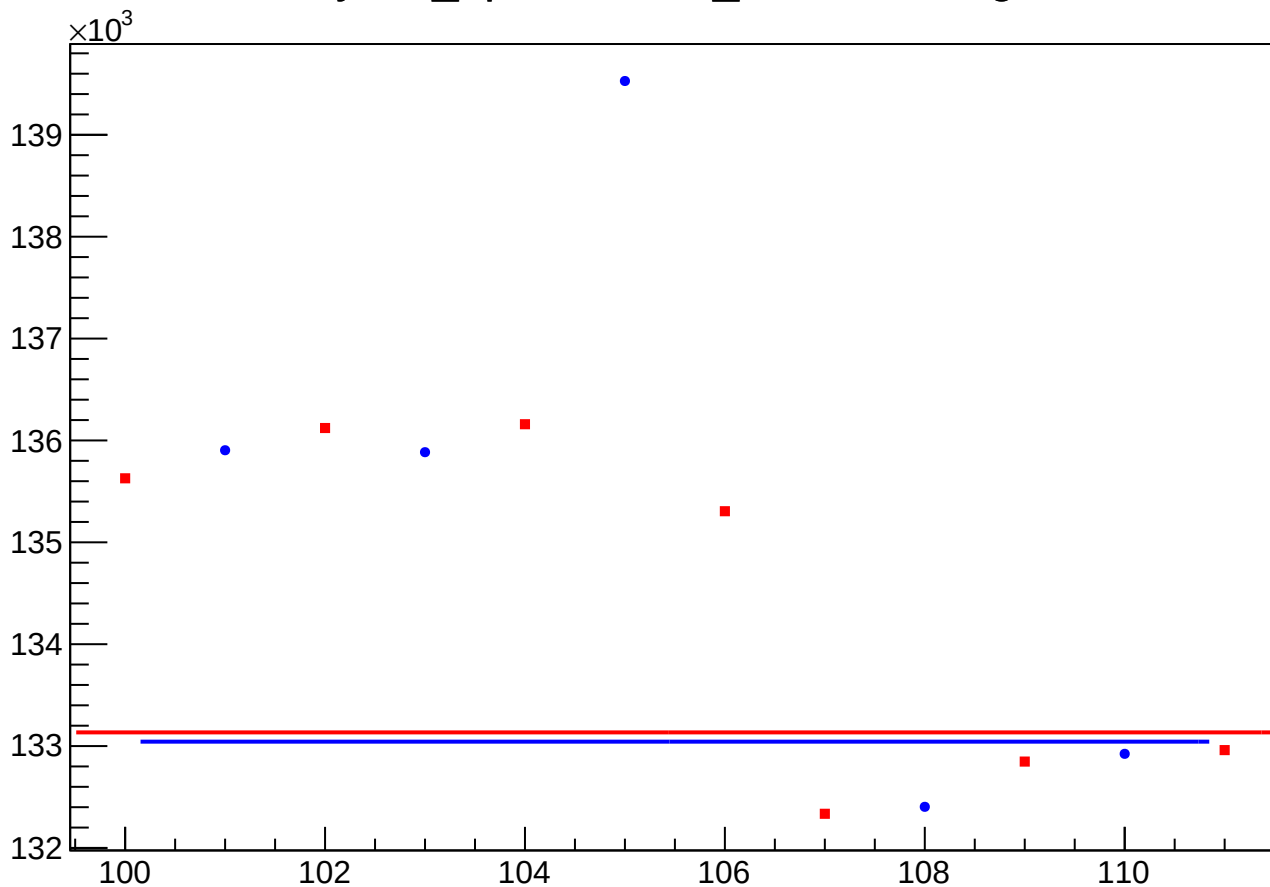
Right Out: 148.085+/-0.071 χ^2/NDF : 1027880.5/6

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

164.768+/-0.099 χ^2/NDF : 968984.8/4

148.085+/-0.071 χ^2/NDF : 1027880.5/6

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

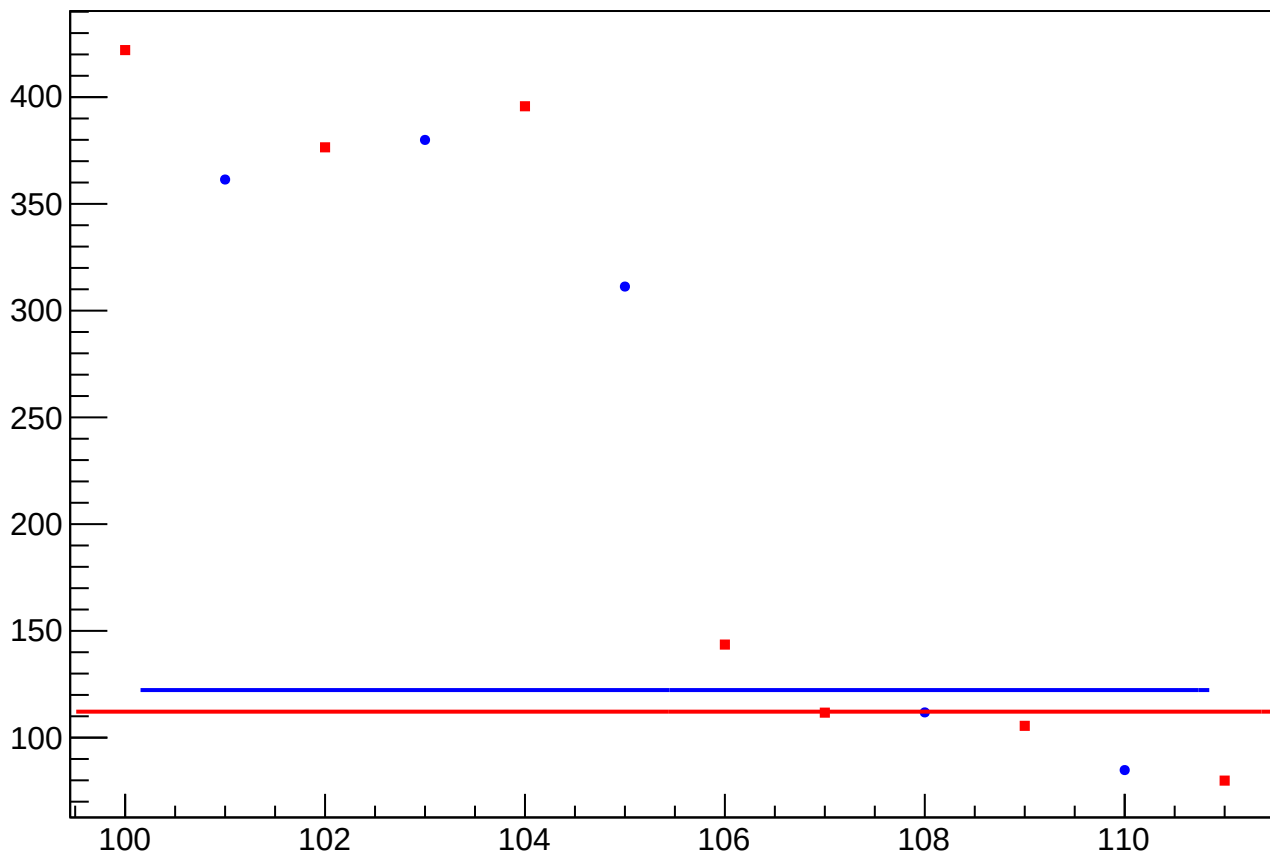
Right Out: 133134.322 $\pm$ 0.080 χ^2 /NDF: 141816596.4/6

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

133043.385 $\pm$ 0.108 χ^2 /NDF: 85325175.9/4

133134.322 $\pm$ 0.080 χ^2 /NDF: 141816596.4/6

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

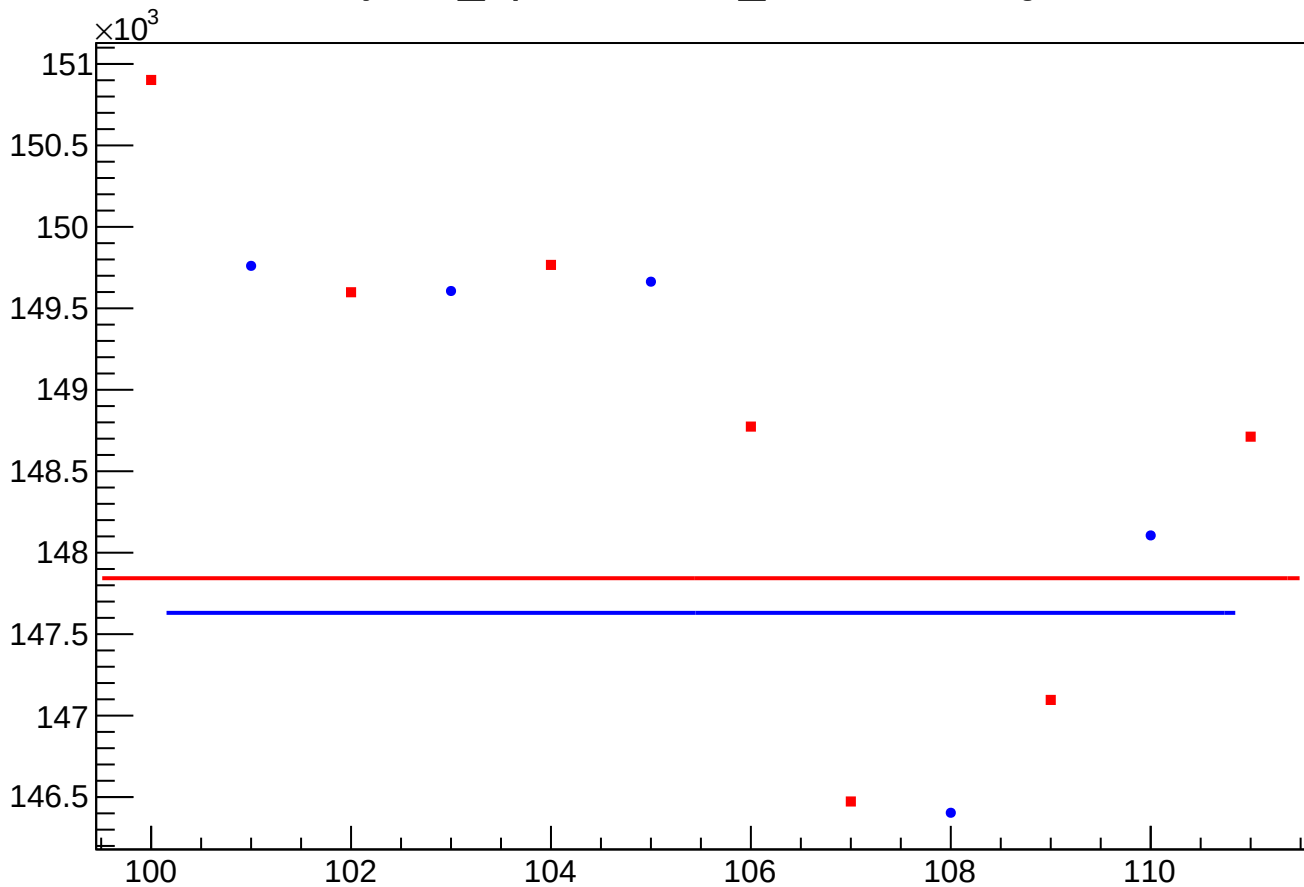
122.279+/-0.076 χ^2/NDF : 1182237.8/4

Right Out: 112.165+/-0.057 χ^2/NDF : 1279069.3/6

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

112.165+/-0.057 χ^2/NDF : 1279069.3/6

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

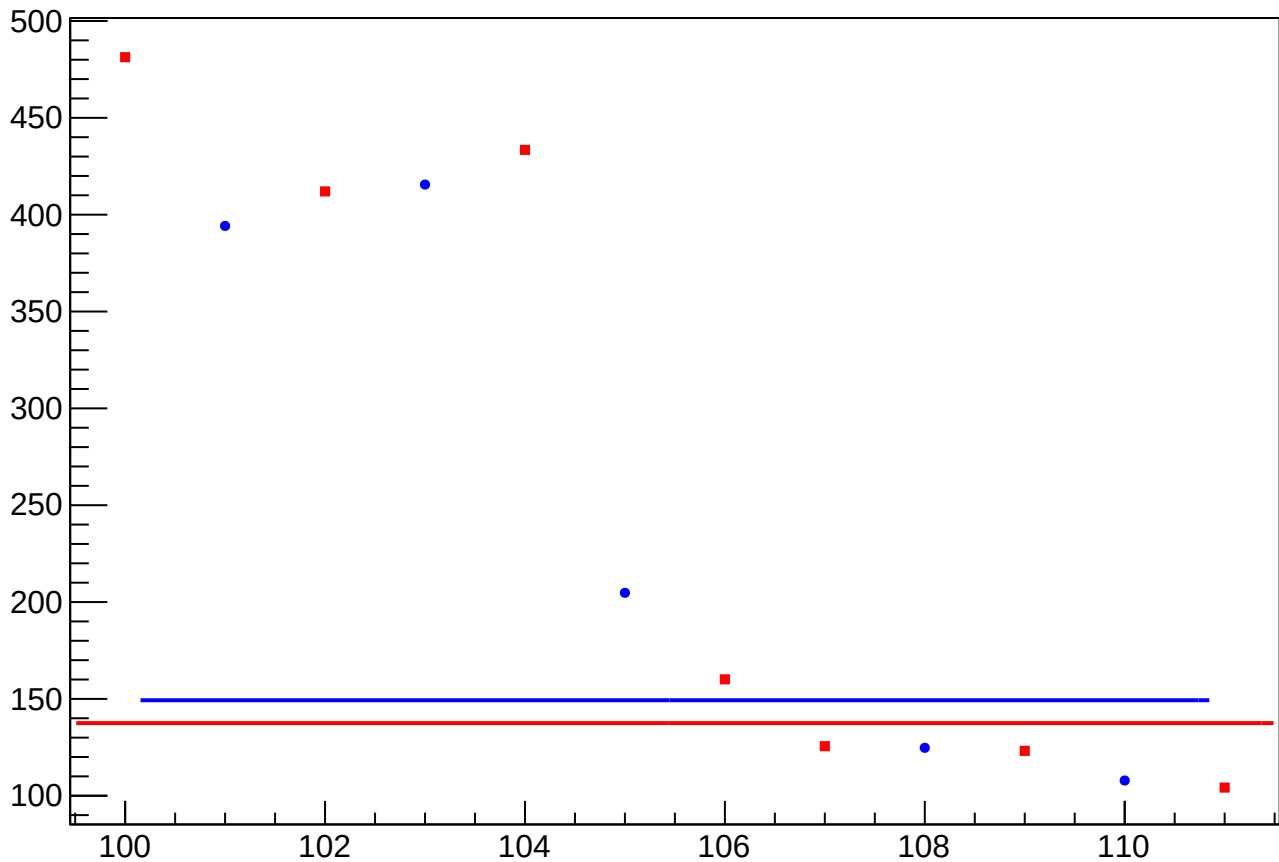
147630.770 $\pm$ 0.128 χ^2 /NDF: 73223811.3/4

Right Out: 147843.362 $\pm$ 0.096 χ^2 /NDF: 120321009.3/6

147843.362 $\pm$ 0.096 χ^2 /NDF: 120321009.3/6

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

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

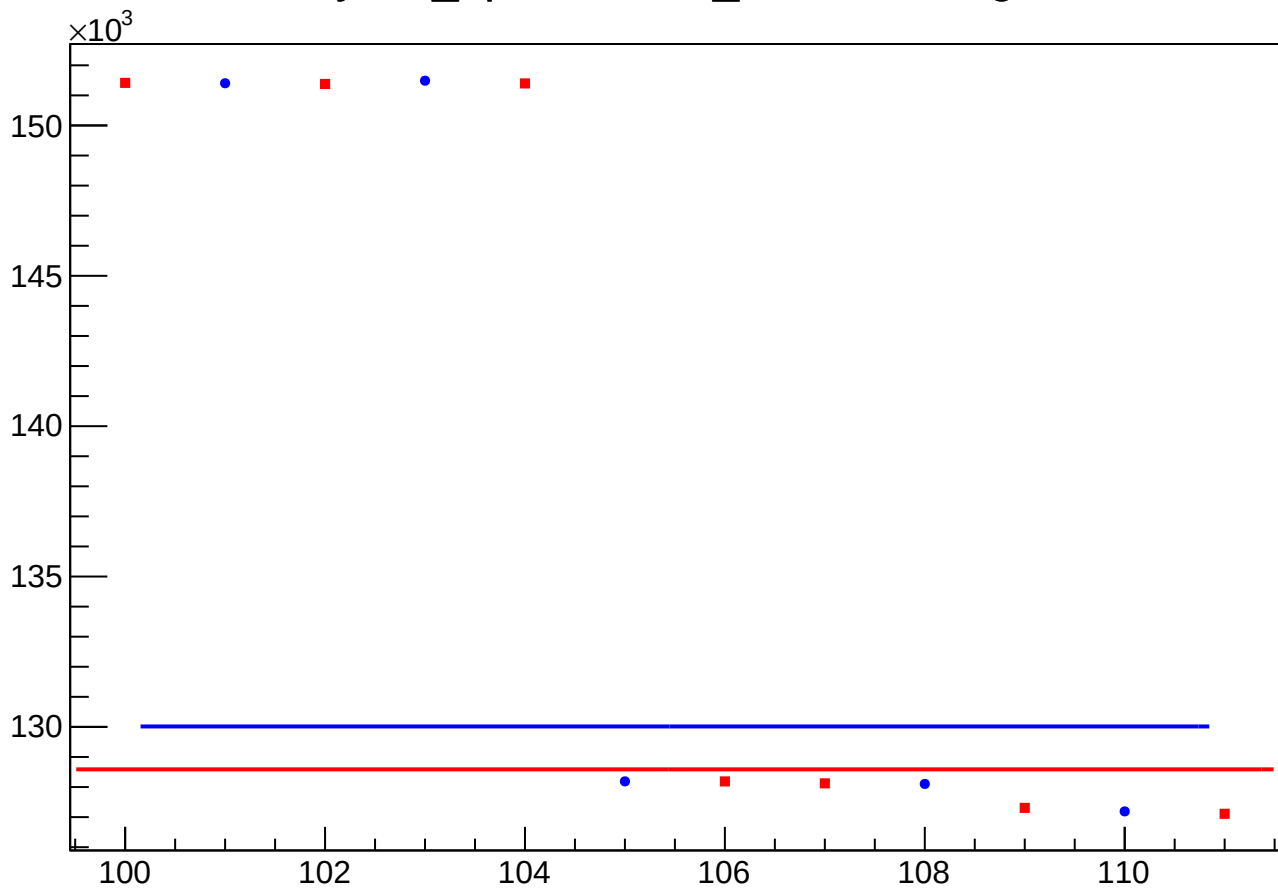
149.304 $\pm$ 0.091 χ^2 /NDF: 1049110.8/4

Right Out: 137.503 $\pm$ 0.068 χ^2 /NDF: 1129519.5/6

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

137.503 $\pm$ 0.068 χ^2 /NDF: 1129519.5/6

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

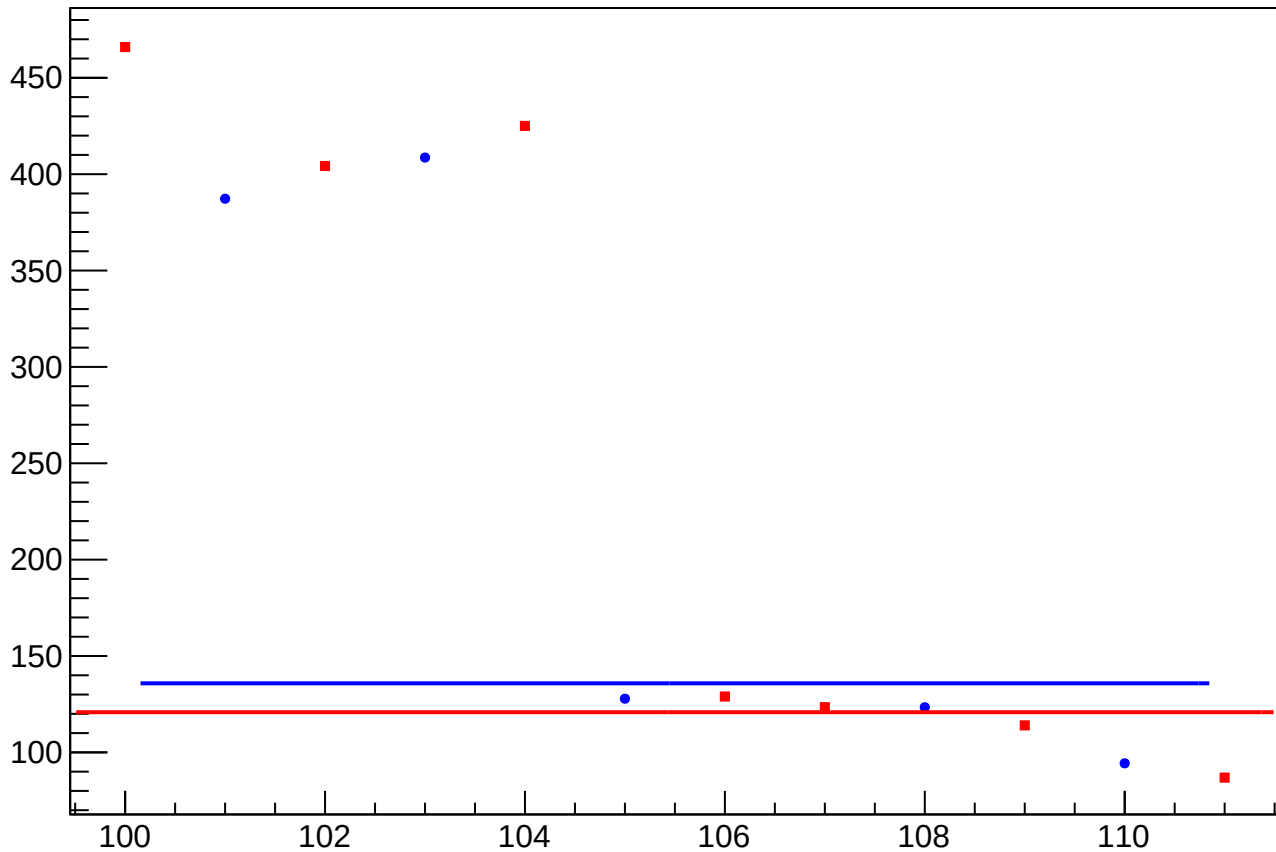
130014.951 $\pm$ 0.119 χ^2 /NDF: 3750769881.6/4

Right Out: 128588.452 $\pm$ 0.085 χ^2 /NDF: 3506383144.4/6

128588.452 $\pm$ 0.085 χ^2 /NDF: 3506383144.4/6

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

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

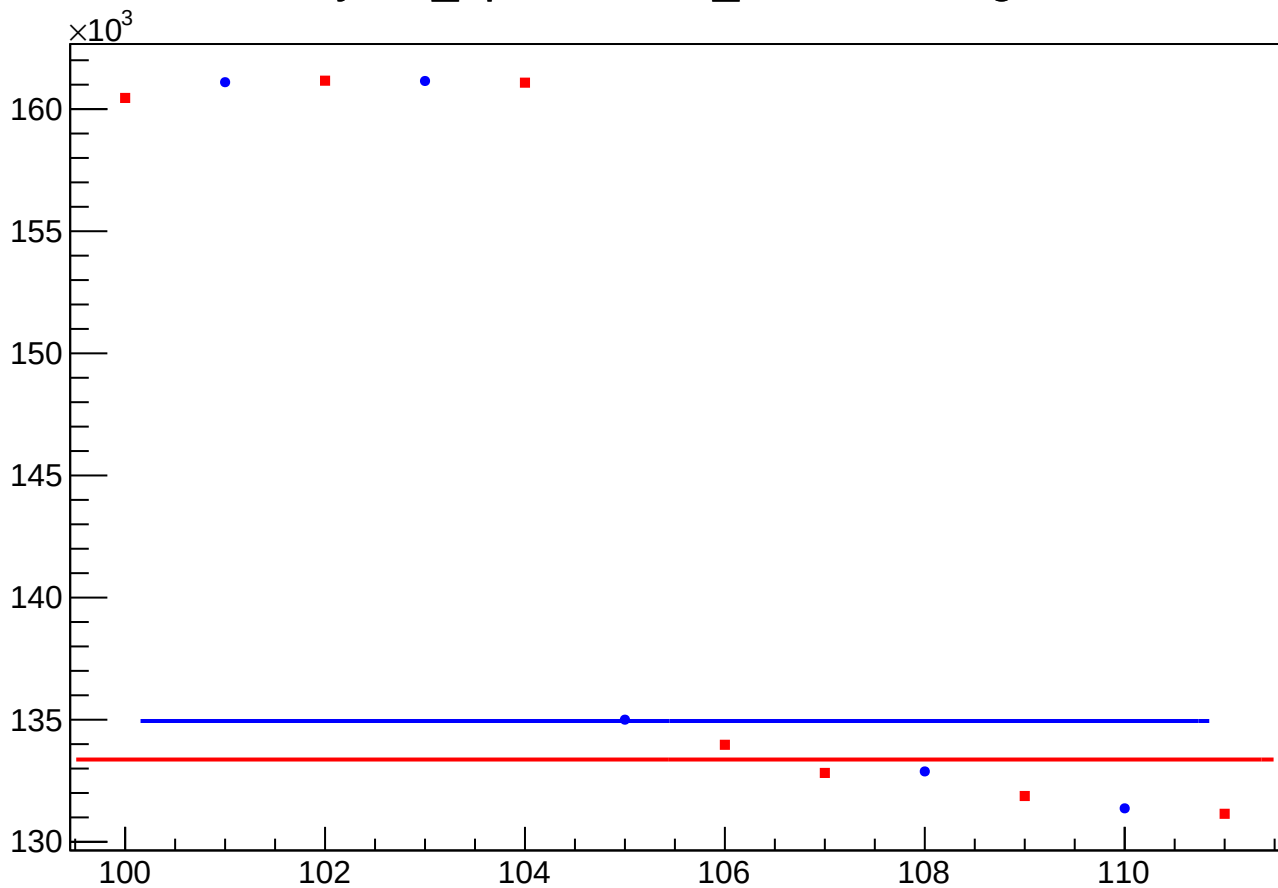
135.835 $\pm$ 0.084 χ^2 /NDF: 1139424.6/4

Right Out: 120.825 $\pm$ 0.060 χ^2 /NDF: 1248227.4/6

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

120.825 $\pm$ 0.060 χ^2 /NDF: 1248227.4/6

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

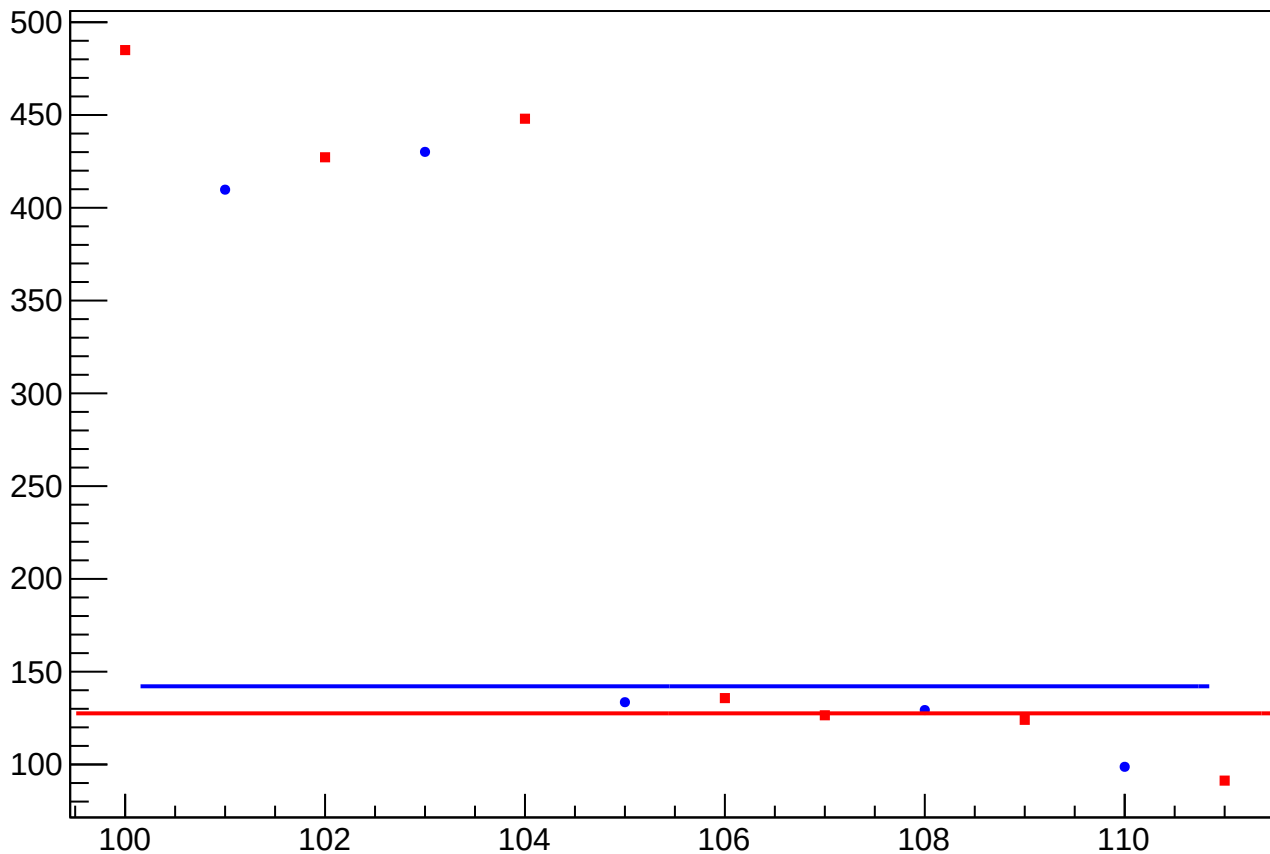
Right Out: 133370.010 $\pm$ 0.090 χ^2 /NDF: 4735973964.6/6

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

134947.452 $\pm$ 0.125 χ^2 /NDF: 5035349018.2/4

133370.010 $\pm$ 0.090 χ^2 /NDF: 4735973964.6/6

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

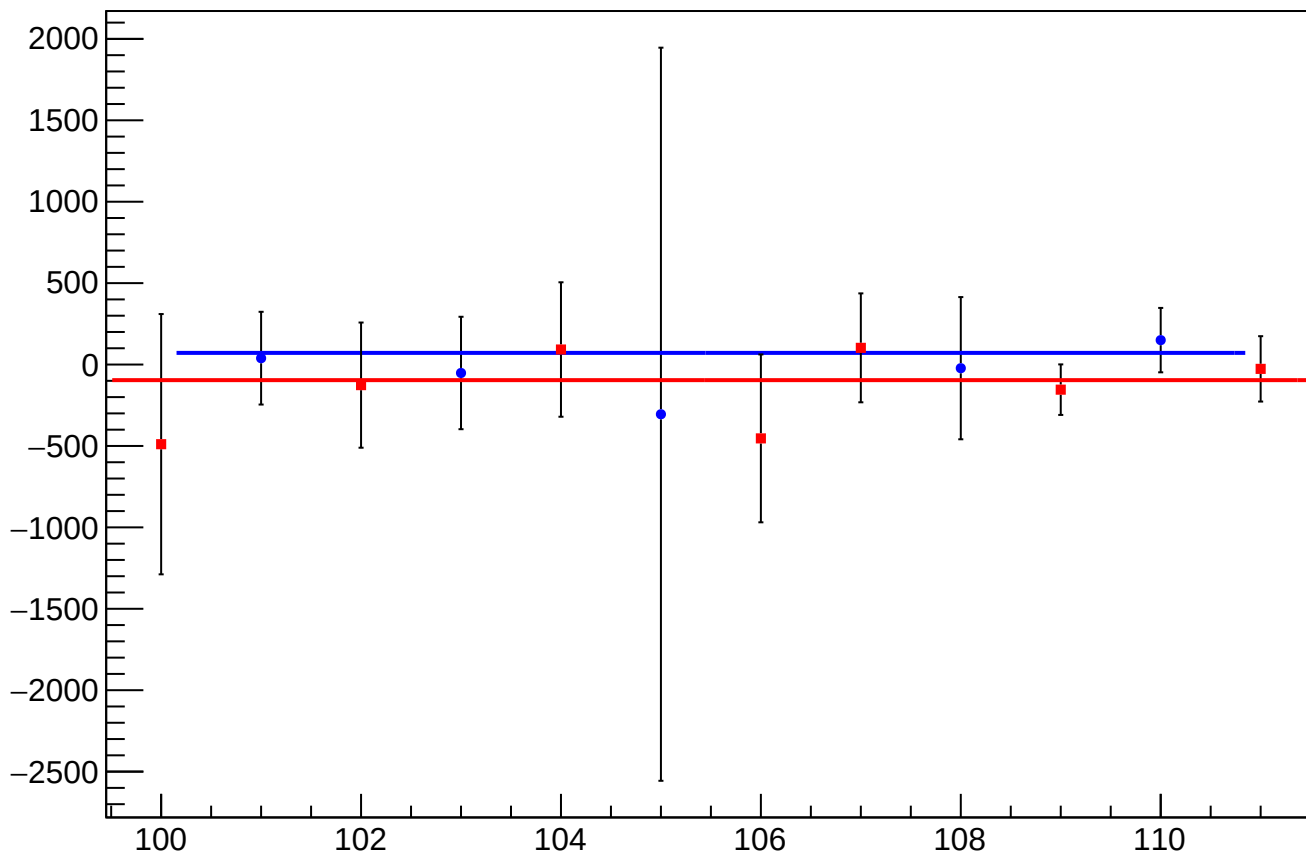
142.126+/-0.088 χ^2/NDF : 1147918.5/4

Right Out: 127.549+/-0.063 χ^2/NDF : 1248746.9/6

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

127.549+/-0.063 χ^2/NDF : 1248746.9/6

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

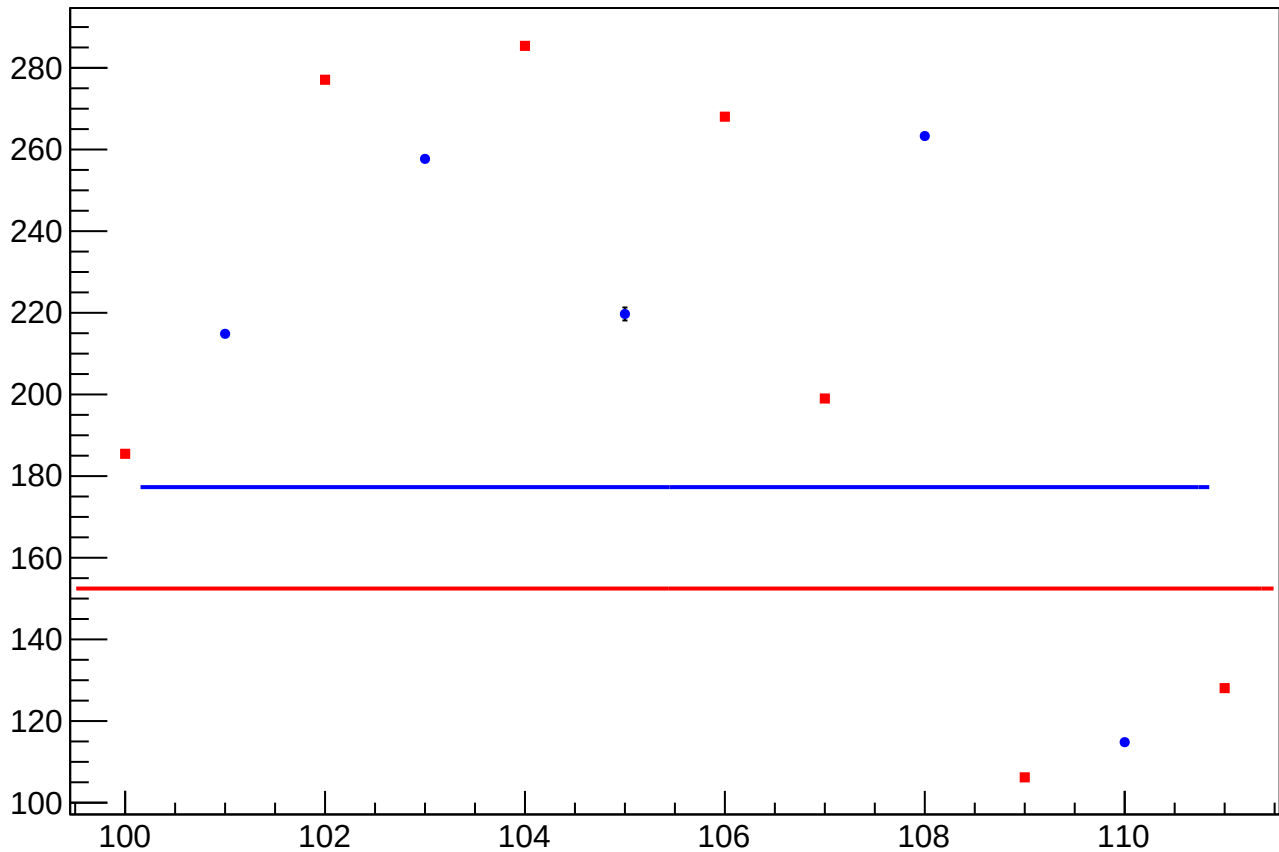
Right Out: -95.805+/-103.562 χ^2 /NDF: 1.6/6

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

71.623+/-139.038 χ^2 /NDF: 0.4/4

-95.805+/-103.562 χ^2 /NDF: 1.6/6

asym_bcm_an_ds_rms vs slug



Right In: 177.299+/-0.098 χ^2/NDF : 421185.0/4

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

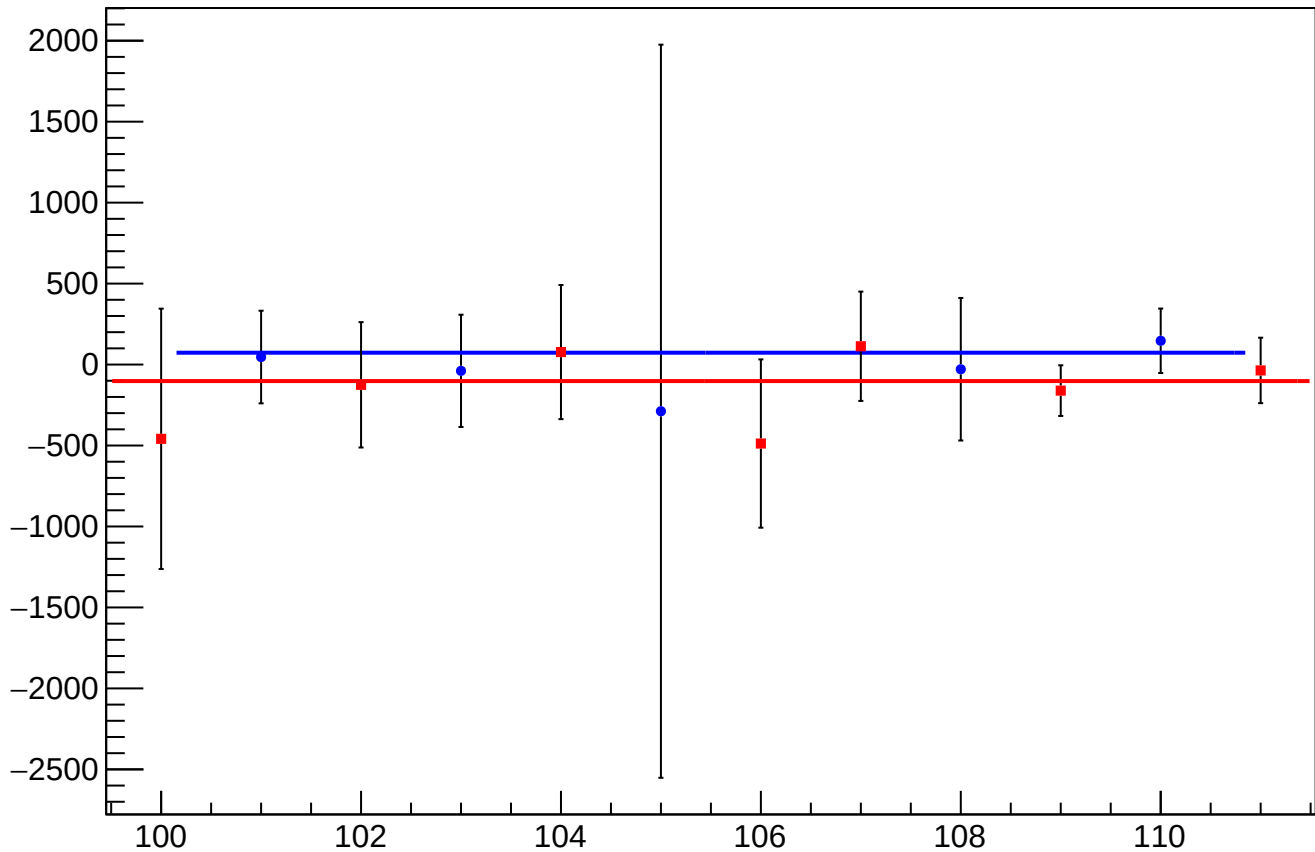
177.299+/-0.098 χ^2/NDF : 421185.0/4

Right Out: 152.459+/-0.073 χ^2/NDF : 767415.3/6

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

152.459+/-0.073 χ^2/NDF : 767415.3/6

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

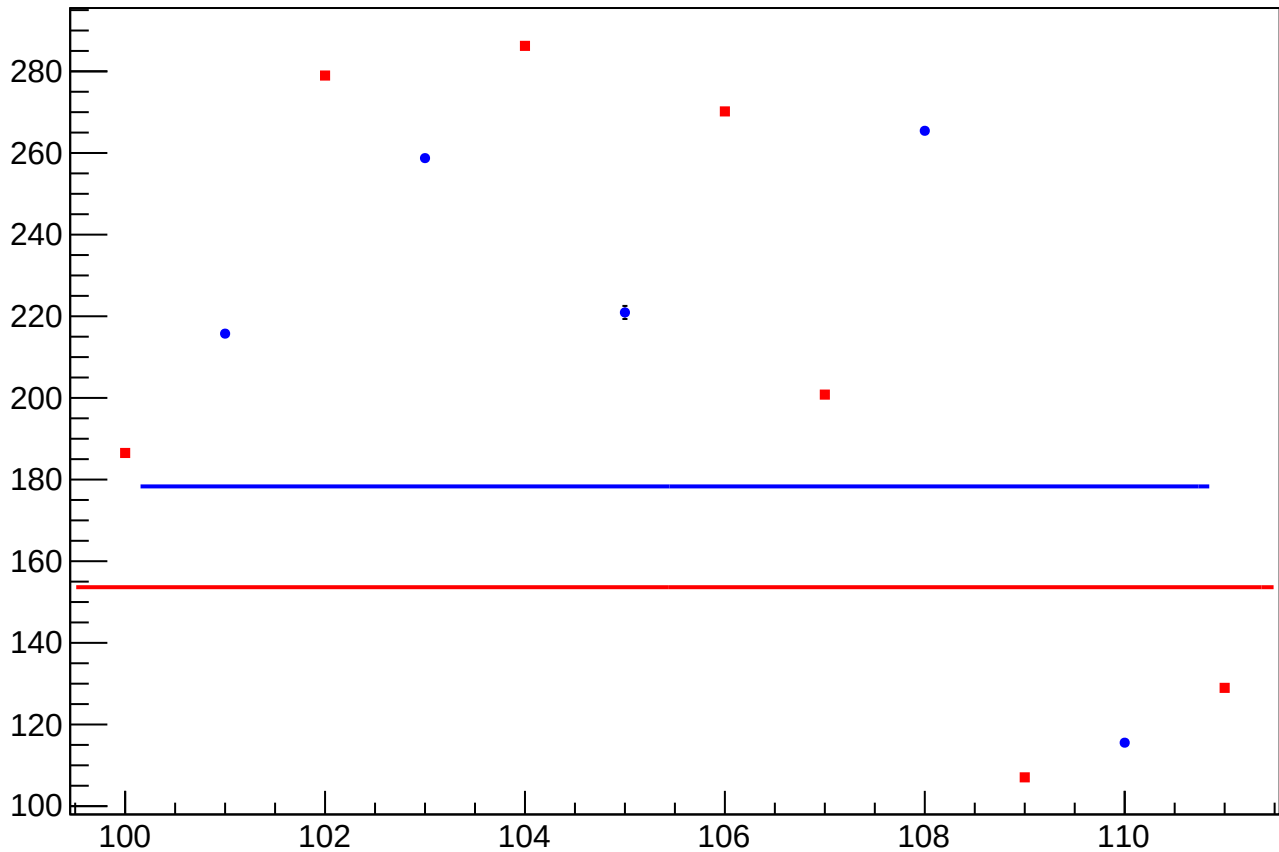
Right Out: -102.040+/-104.335 χ^2/NDF : 1.6/6

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

73.203+/-139.825 χ^2/NDF : 0.3/4

-102.040+/-104.335 χ^2/NDF : 1.6/6

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

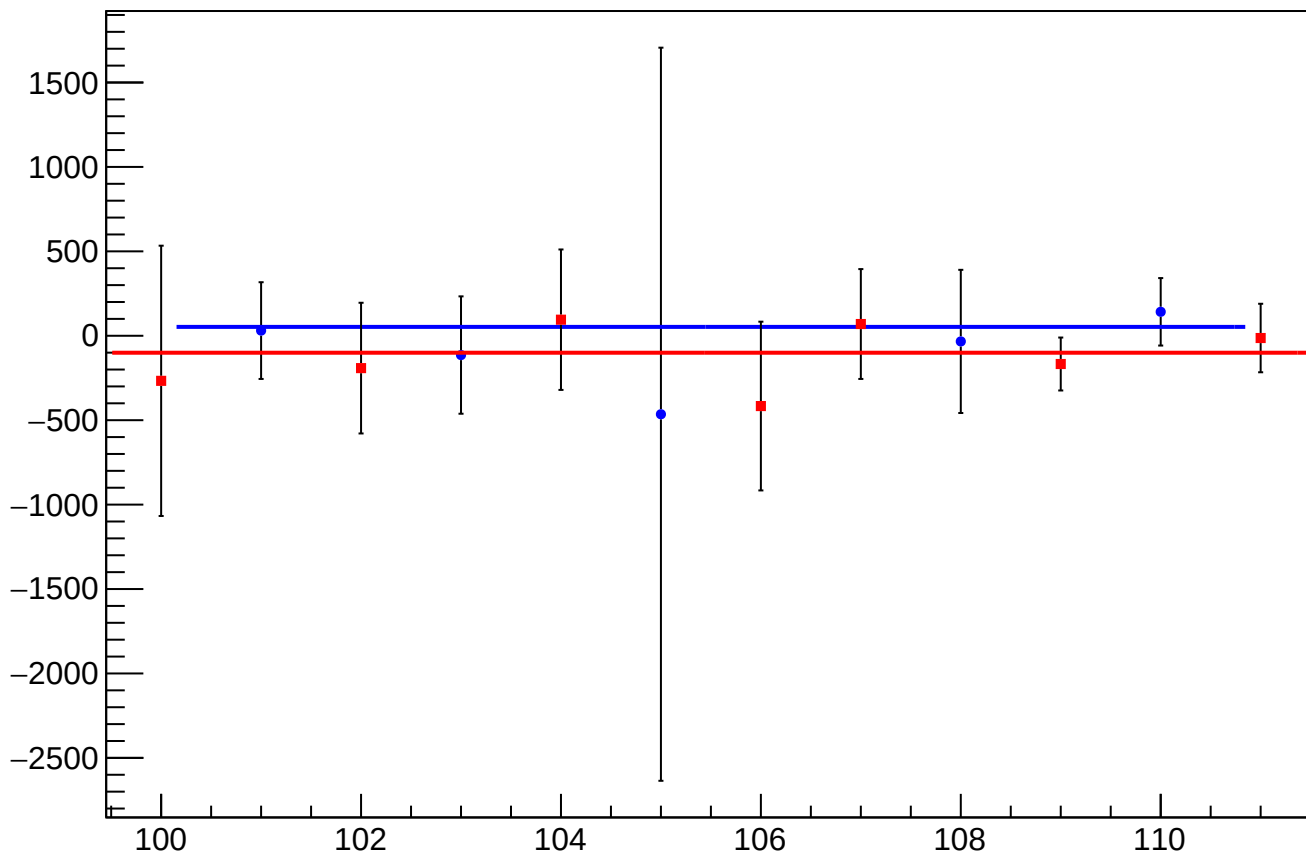
178.323+/-0.099 χ^2/NDF : 419918.6/4

Right Out: 153.633+/-0.074 χ^2/NDF : 764892.1/6

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

153.633+/-0.074 χ^2/NDF : 764892.1/6

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

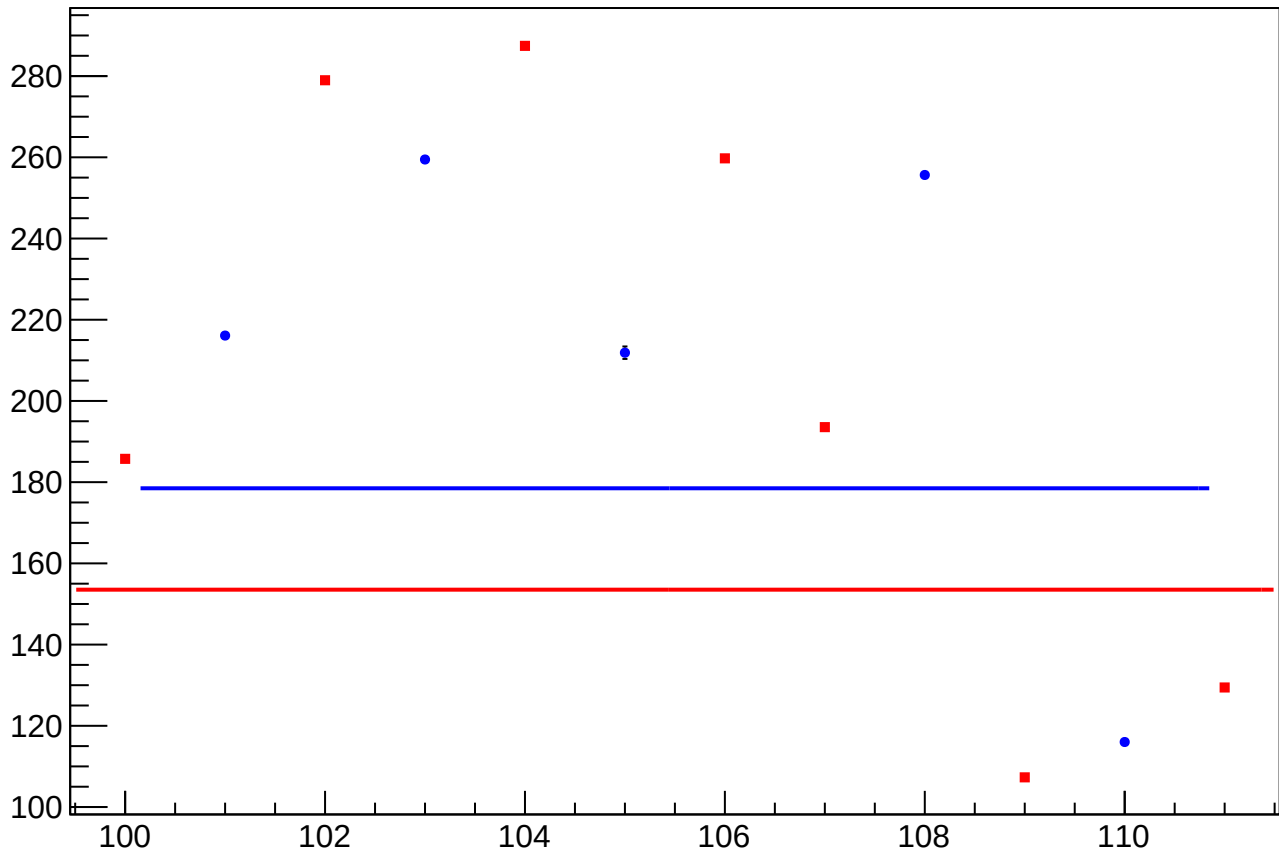
Right Out: -100.418+/-104.000 χ^2/NDF : 1.4/6

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

52.587+/-139.640 χ^2/NDF : 0.5/4

-100.418+/-104.000 χ^2/NDF : 1.4/6

asym_bcm_an_us_rms vs slug



Right In: 178.493+/-0.099 χ^2/NDF : 405279.9/4

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

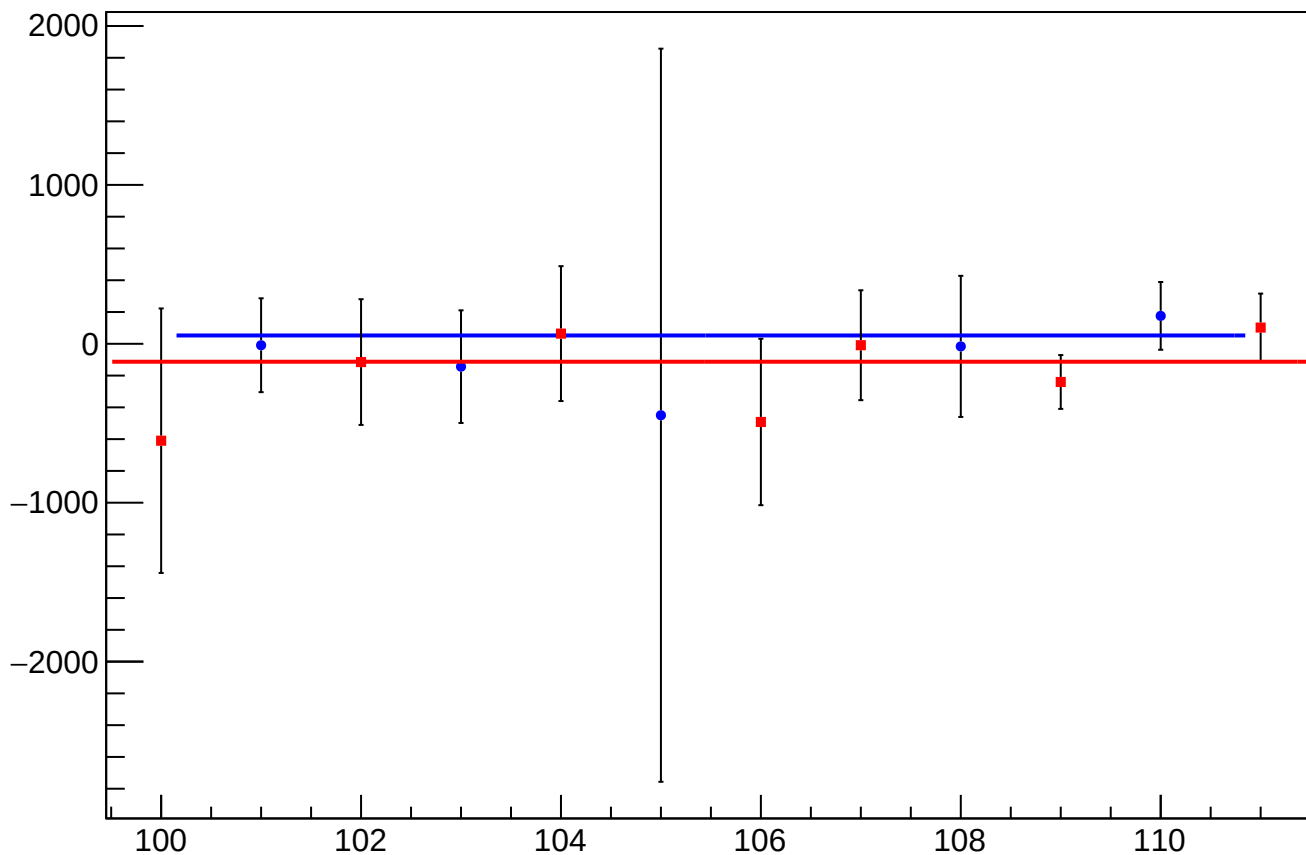
178.493+/-0.099 χ^2/NDF : 405279.9/4

Right Out: 153.524+/-0.074 χ^2/NDF : 743436.7/6

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

153.524+/-0.074 χ^2/NDF : 743436.7/6

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

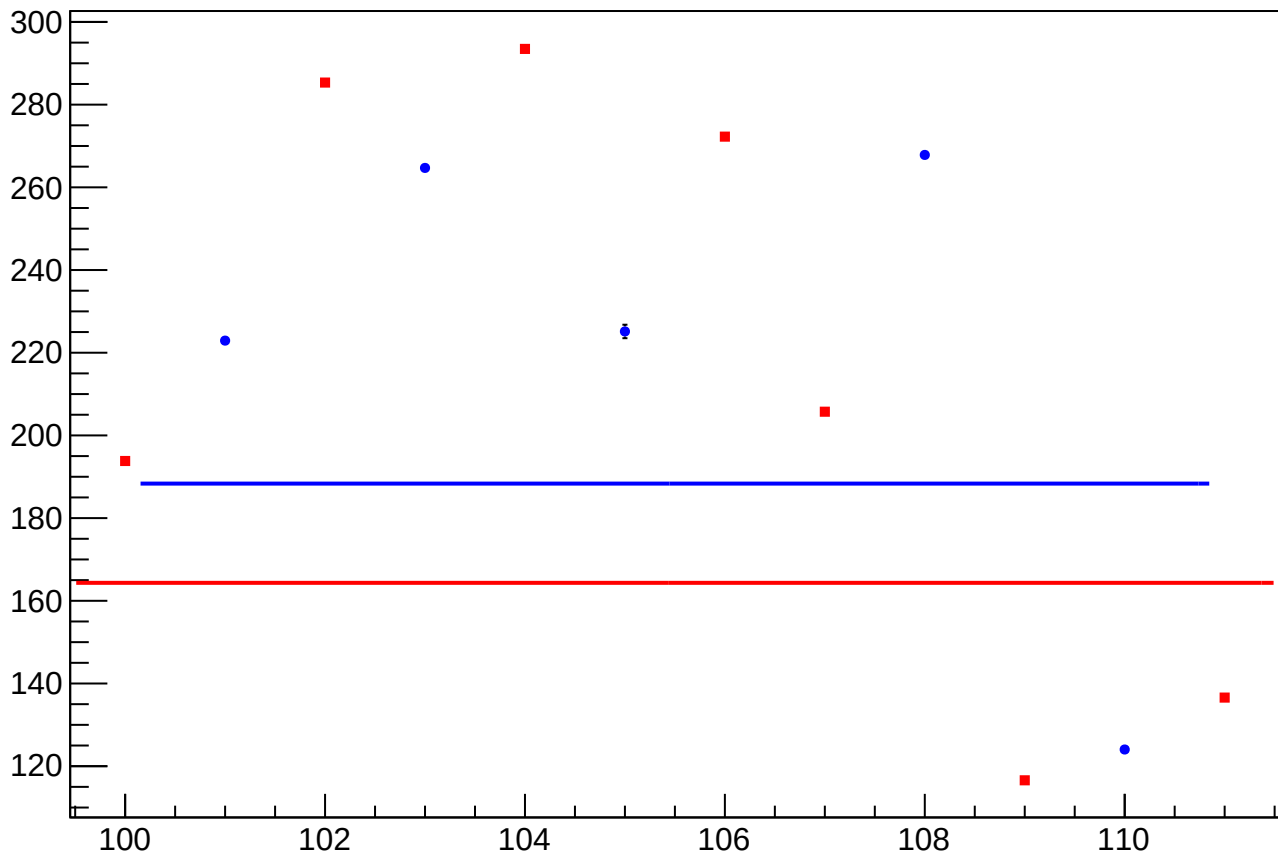
Right Out: -112.835+/-110.333 χ^2/NDF : 2.7/6

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

52.461+/-146.365 χ^2/NDF : 0.8/4

-112.835+/-110.333 χ^2/NDF : 2.7/6

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

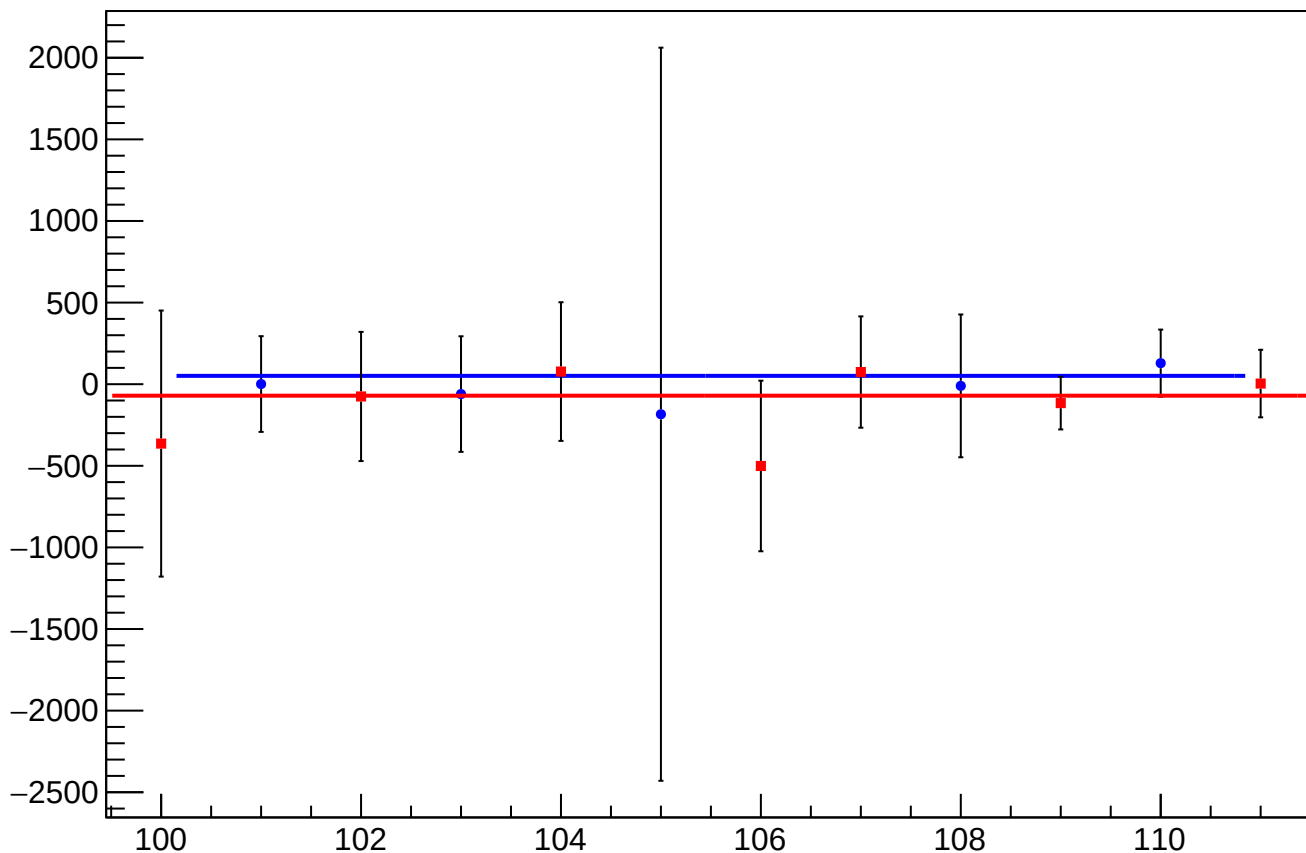
188.348 $\pm$ 0.103 χ^2 /NDF: 366749.4/4

Right Out: 164.346 $\pm$ 0.078 χ^2 /NDF: 681137.9/6

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

164.346 $\pm$ 0.078 χ^2 /NDF: 681137.9/6

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

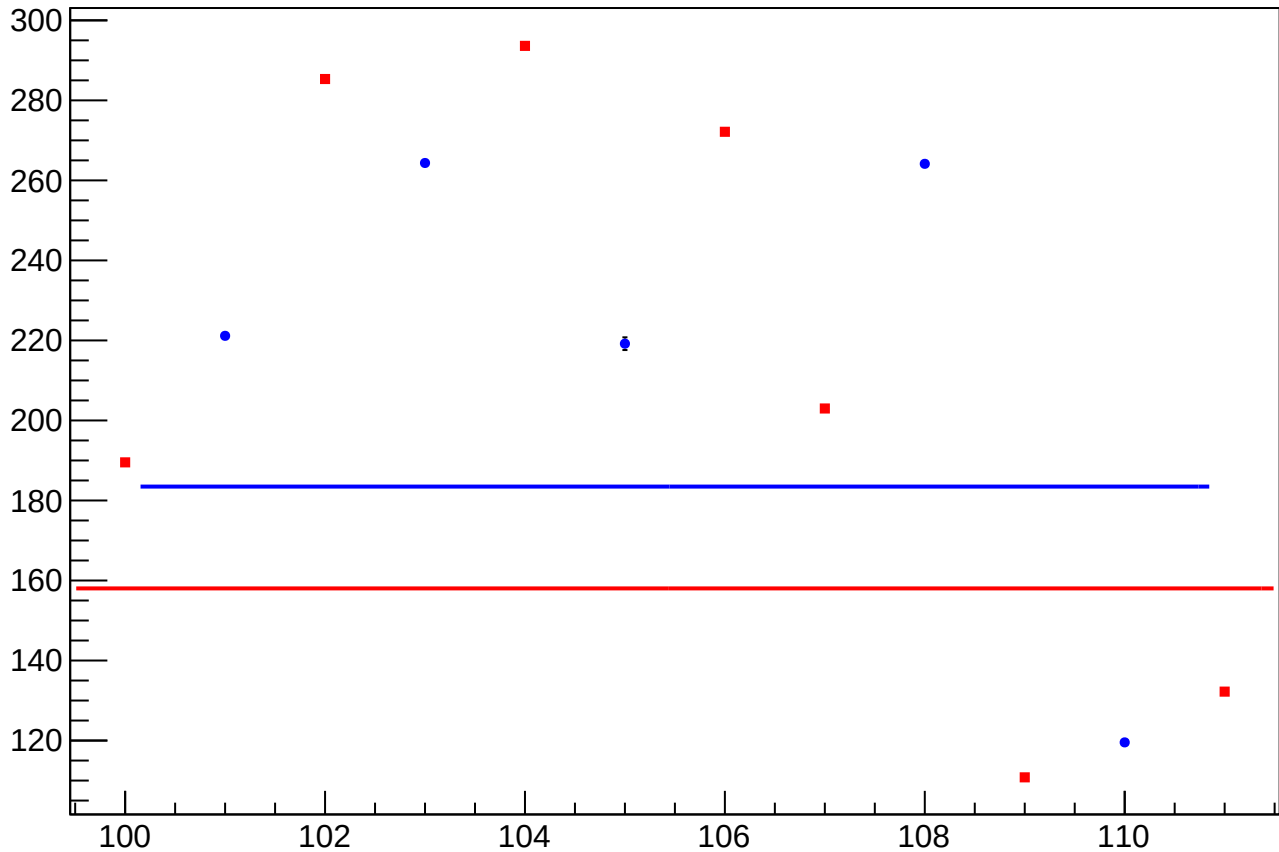
Right Out: -70.386+/-106.927 χ^2 /NDF: 1.3/6

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

51.086+/-143.312 χ^2 /NDF: 0.3/4

-70.386+/-106.927 χ^2 /NDF: 1.3/6

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

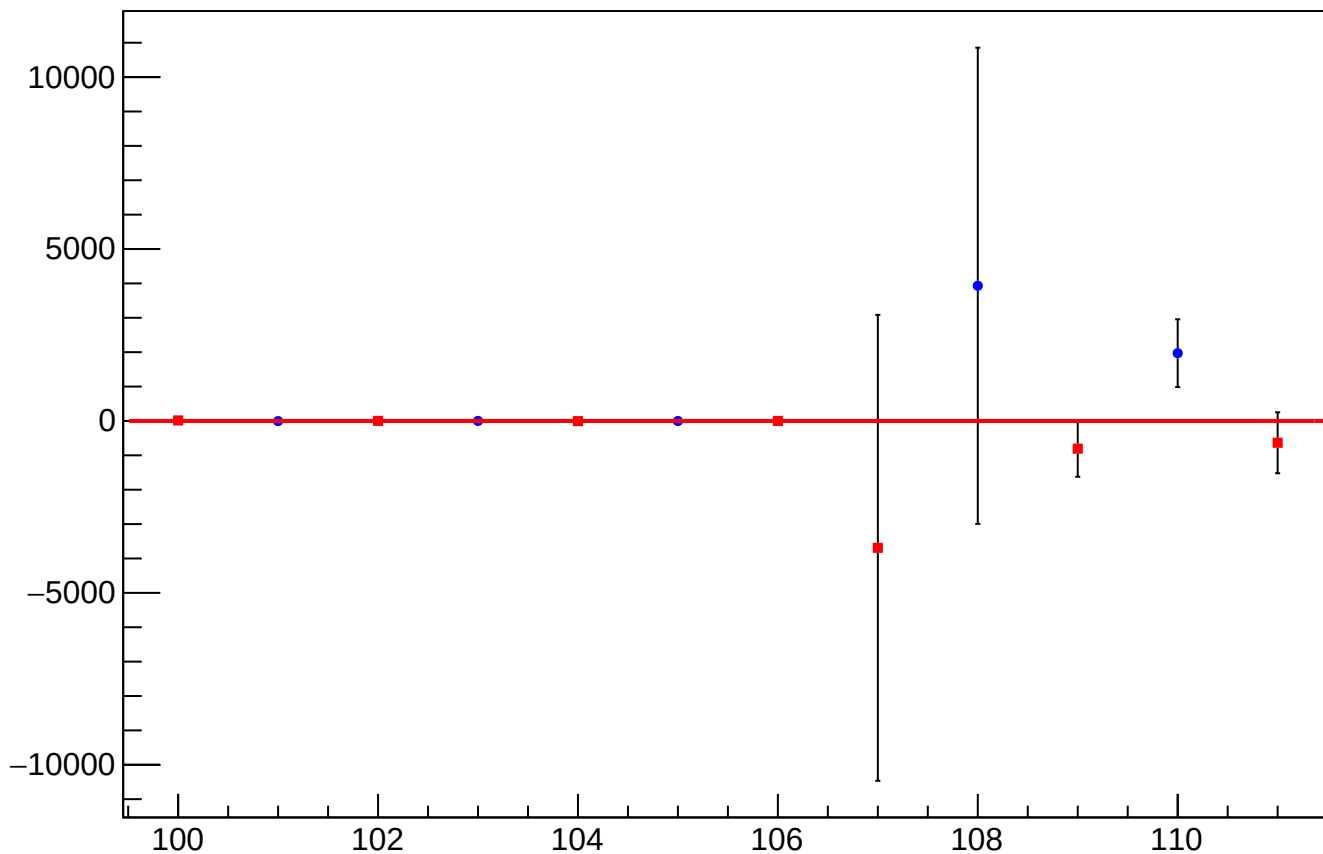
183.475+/-0.101 χ^2/NDF : 399304.6/4

Right Out: 158.024+/-0.076 χ^2/NDF : 746425.2/6

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

158.024+/-0.076 χ^2/NDF : 746425.2/6

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

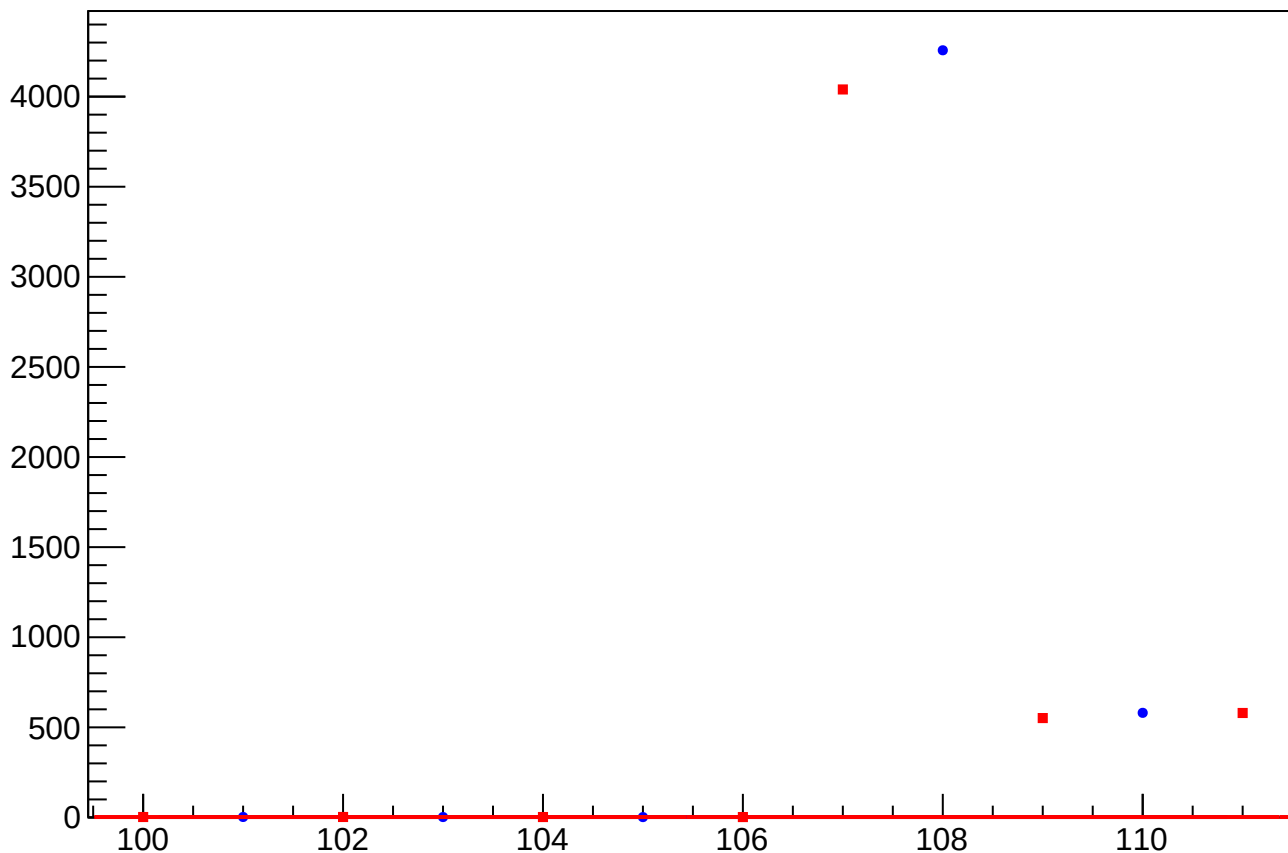
Right Out: -0.721+/-2.111 χ^2 /NDF: 7.7/6

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

-1.517+/-2.238 χ^2 /NDF: 5.6/4

-0.721+/-2.111 χ^2 /NDF: 7.7/6

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

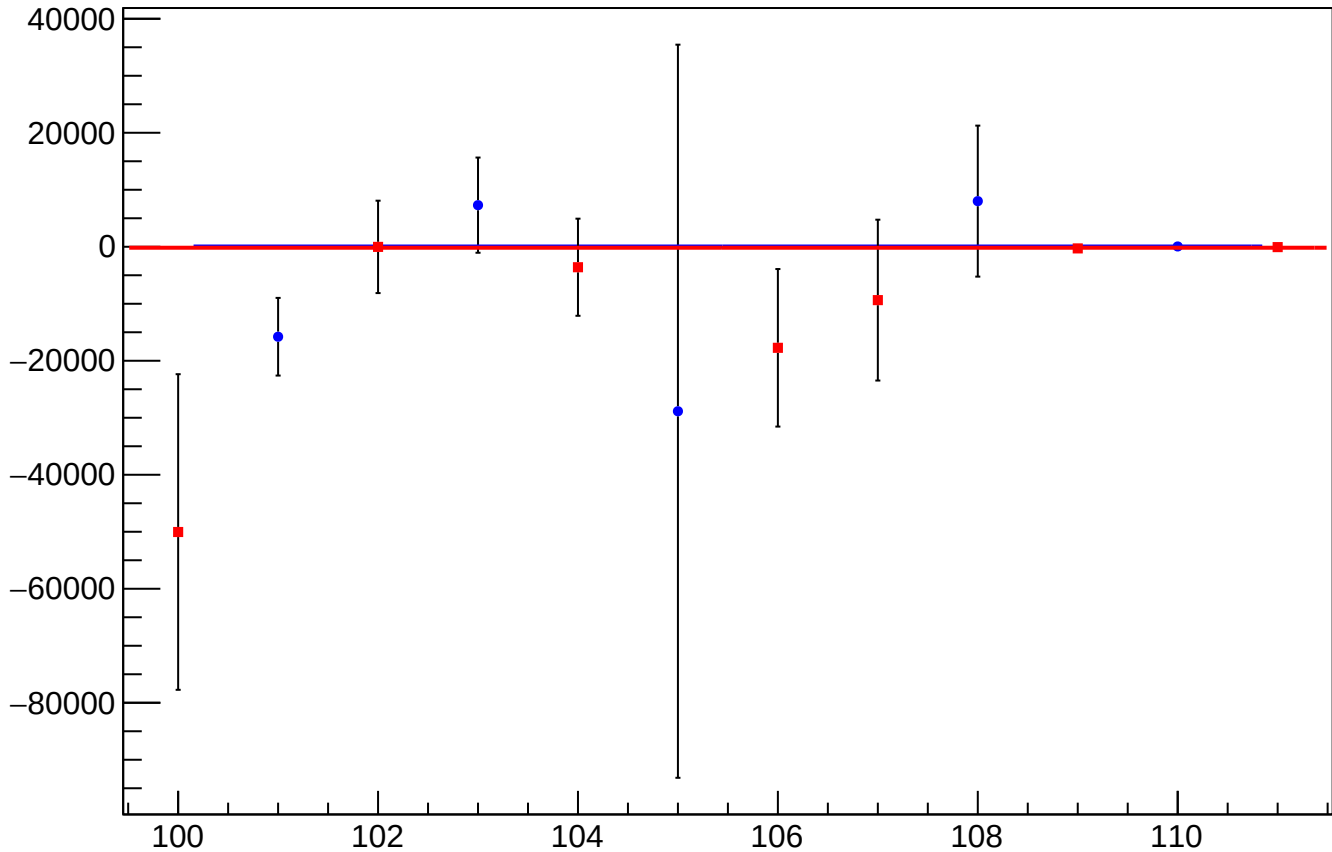
Right Out: 2.403+/-0.001 χ^2/NDF : 2476069.9/6

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

2.408+/-0.002 χ^2/NDF : 1457441.1/4

2.403+/-0.001 χ^2/NDF : 2476069.9/6

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

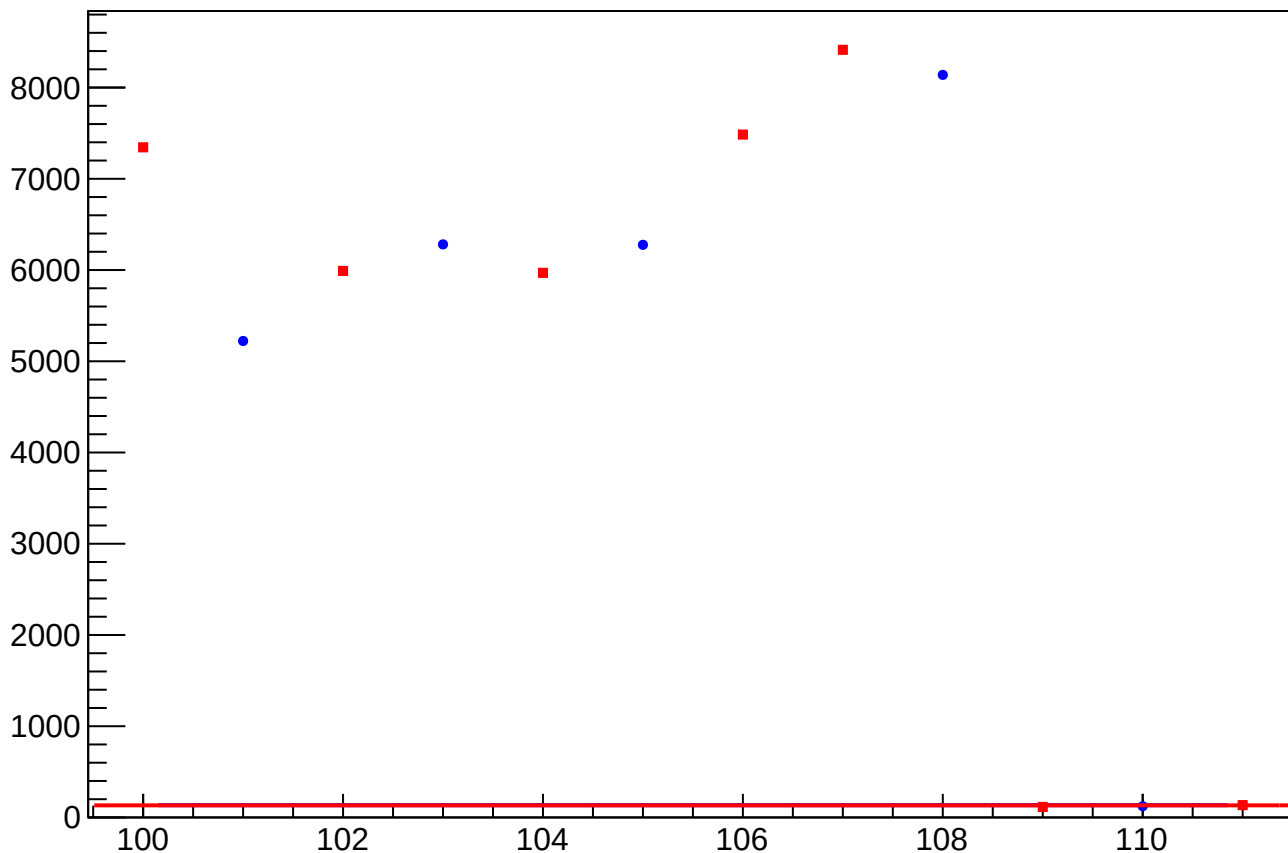
Right Out: -169.856+/-156.173 χ^2/NDF : 6.0/6

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

44.131+/-211.969 χ^2/NDF : 6.7/4

-169.856+/-156.173 χ^2/NDF : 6.0/6

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

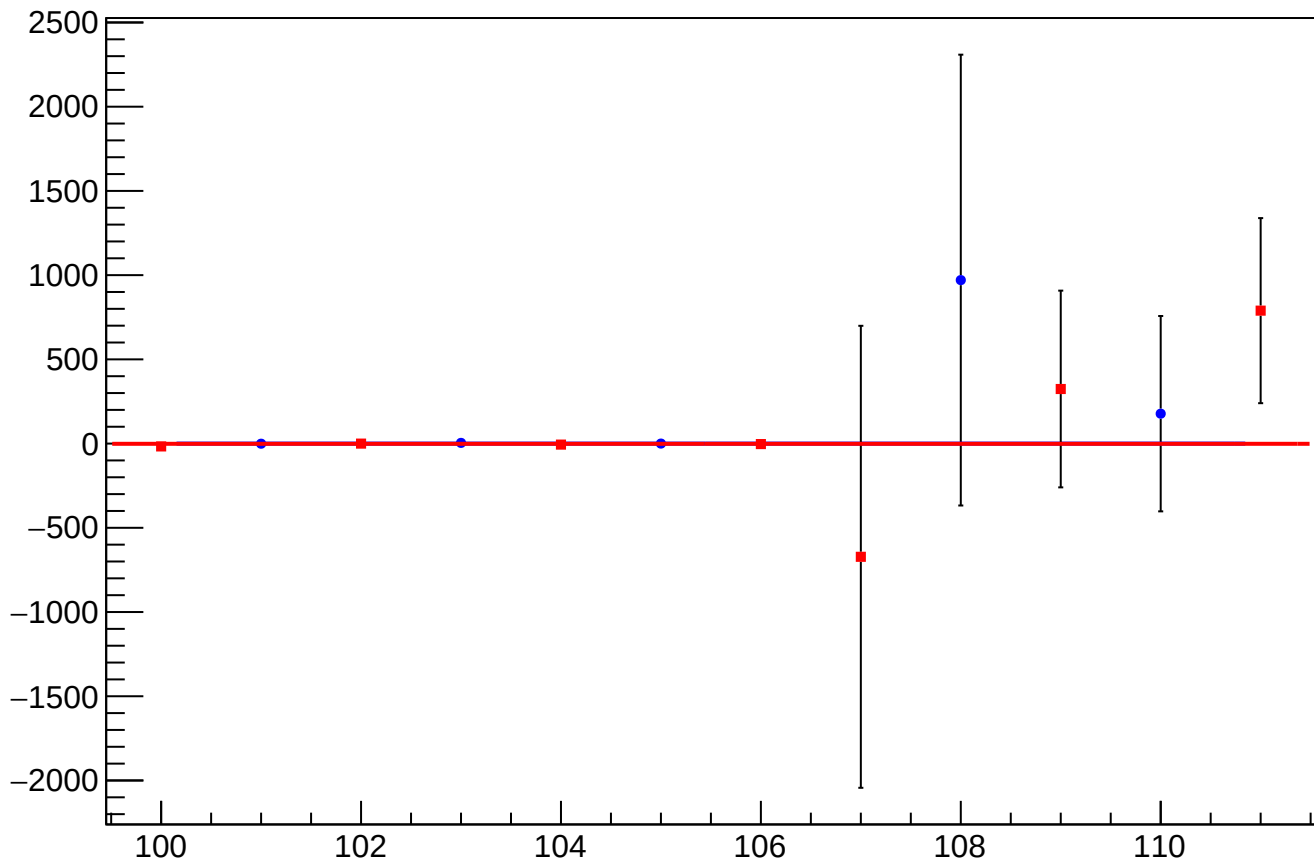
Right Out: 132.510+/-0.110 χ^2/NDF : 3385638.7/6

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

134.525+/-0.150 χ^2/NDF : 2952865.3/4

132.510+/-0.110 χ^2/NDF : 3385638.7/6

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

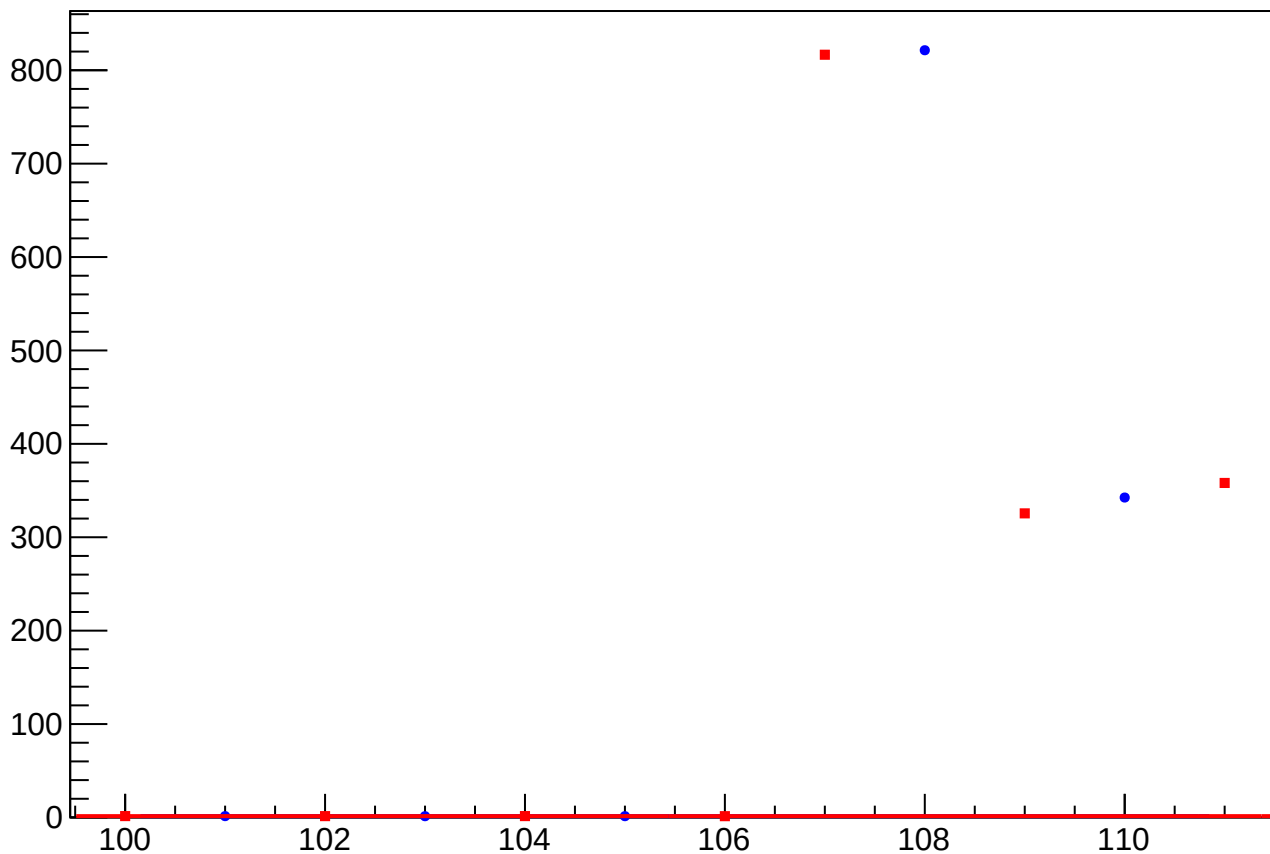
Right Out: -1.326+/-1.623 χ^2 /NDF: 5.3/6

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

-0.154+/-1.724 χ^2 /NDF: 1.5/4

-1.326+/-1.623 χ^2 /NDF: 5.3/6

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

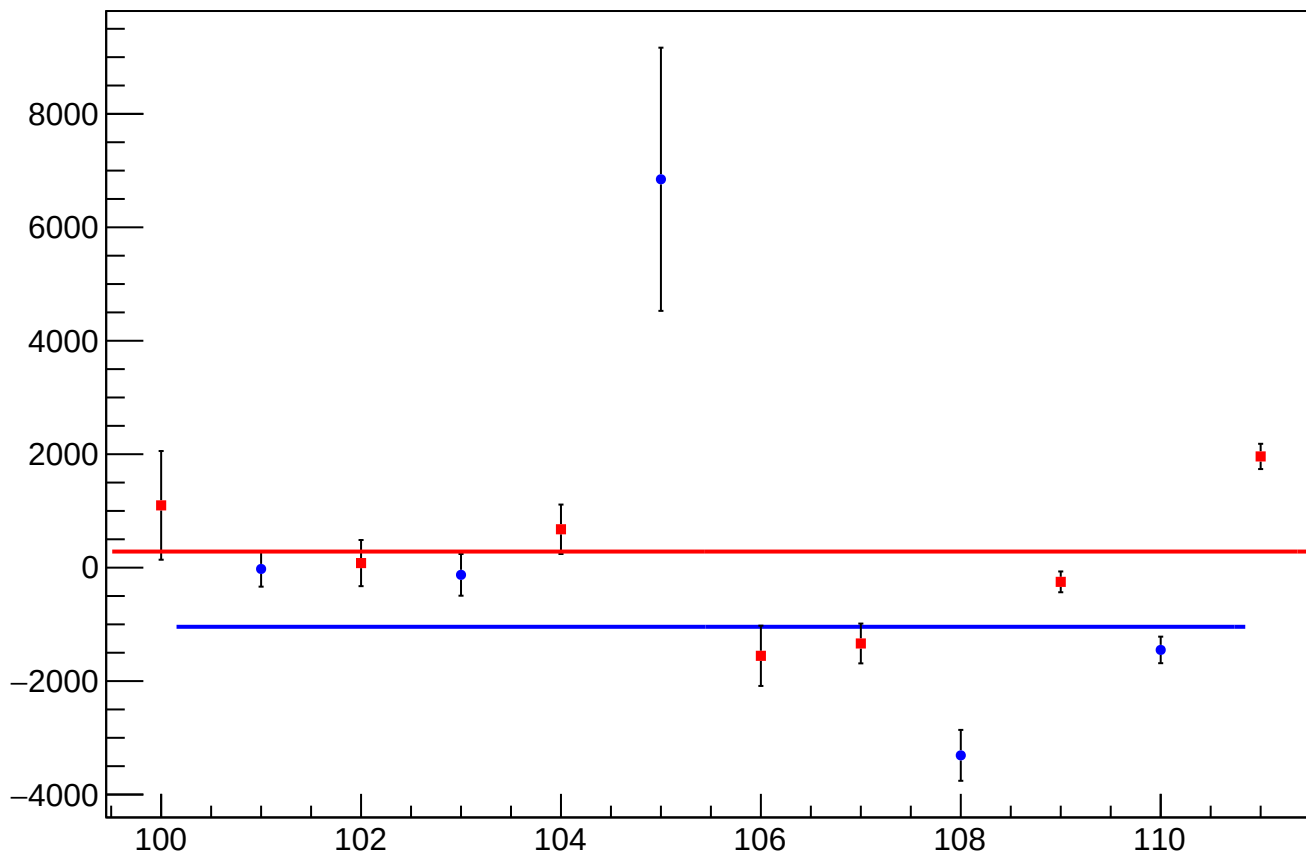
Right Out: 1.421+/-0.001 χ^2/NDF : 2166677.2/6

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

1.415+/-0.001 χ^2/NDF : 1443493.8/4

1.421+/-0.001 χ^2/NDF : 2166677.2/6

asym_bcm0l02_mean vs slug



Right In: -1042.728+/-155.993 χ^2/NDF : 57.0/4

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

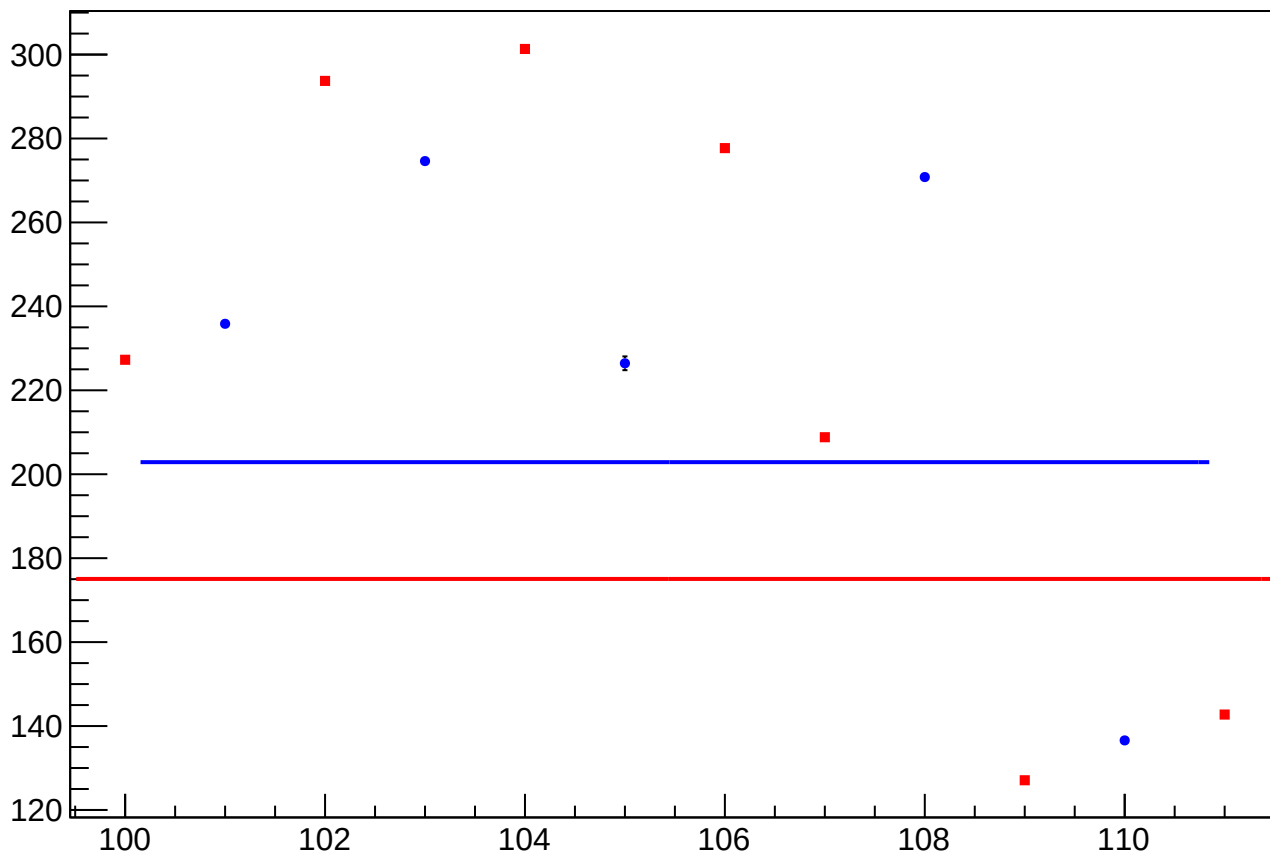
Right Out: 283.713+/-116.268 χ^2/NDF : 100.3/6

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

-1042.728+/-155.993 χ^2/NDF : 57.0/4

283.713+/-116.268 χ^2/NDF : 100.3/6

asym_bcm0l02_rms vs slug



Right In: 202.880+/-0.110 χ^2/NDF : 305213.1/4

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

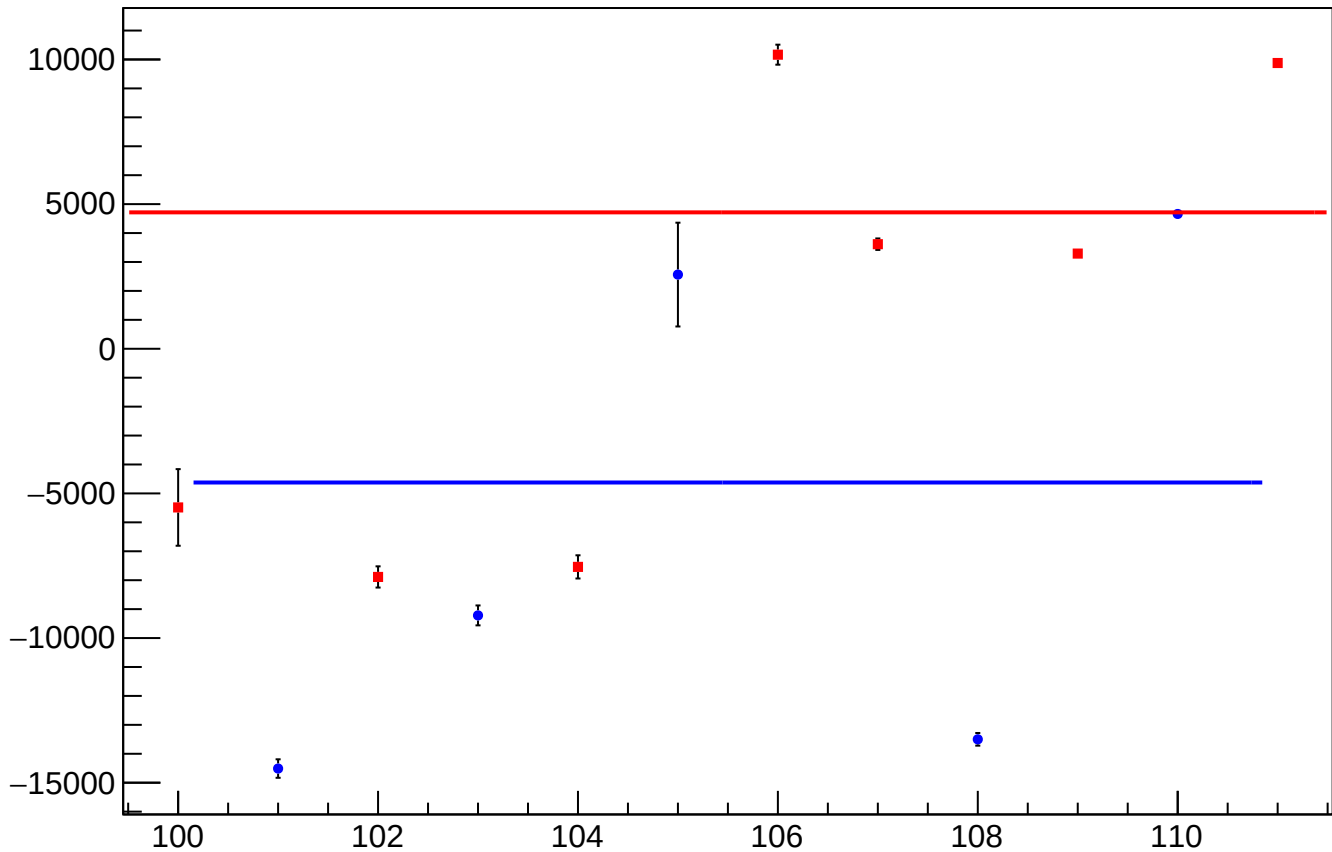
Right Out: 175.051+/-0.082 χ^2/NDF : 616474.7/6

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

202.880+/-0.110 χ^2/NDF : 305213.1/4

175.051+/-0.082 χ^2/NDF : 616474.7/6

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

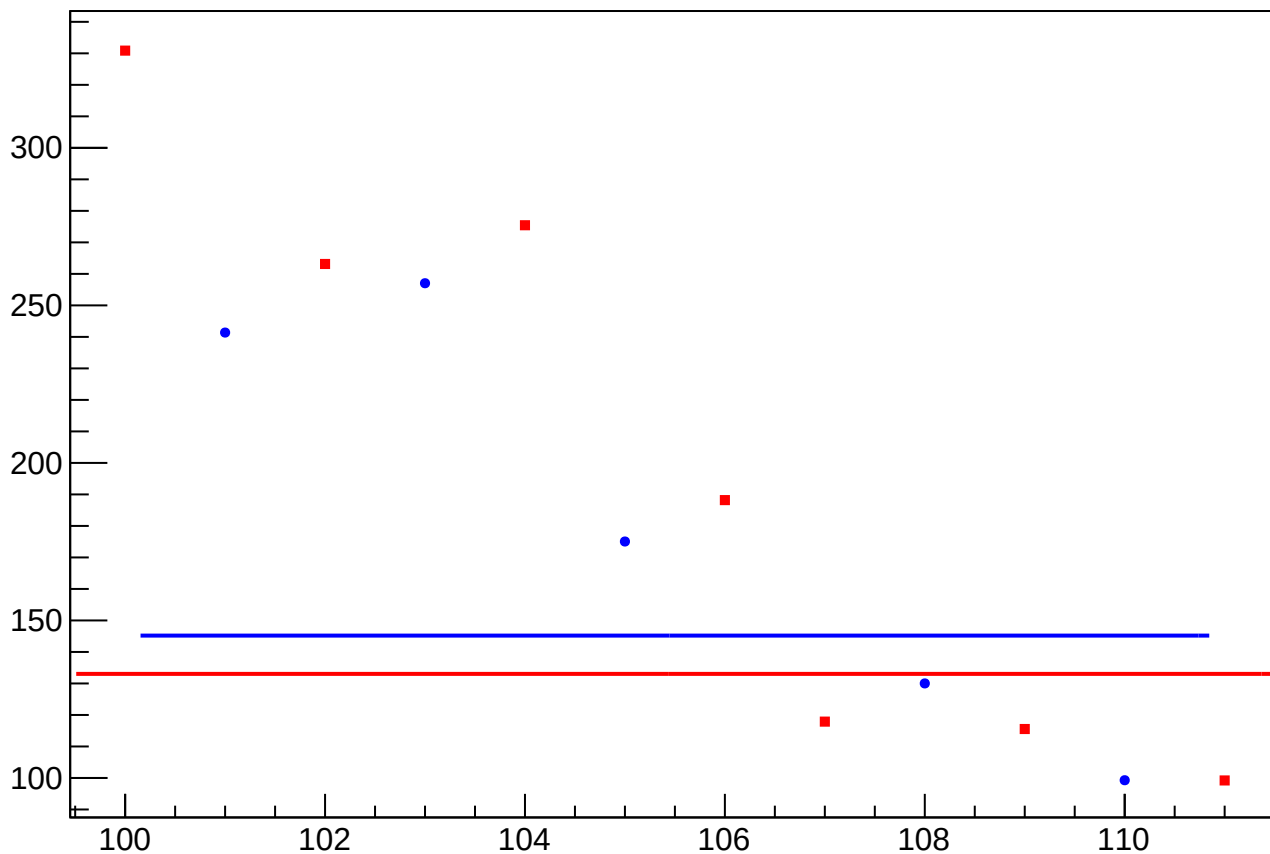
Right Out: 4715.247+/-88.921 χ^2/NDF : 3622.4/6

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

-4622.713+/-116.420 χ^2/NDF : 5757.7/4

4715.247+/-88.921 χ^2/NDF : 3622.4/6

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

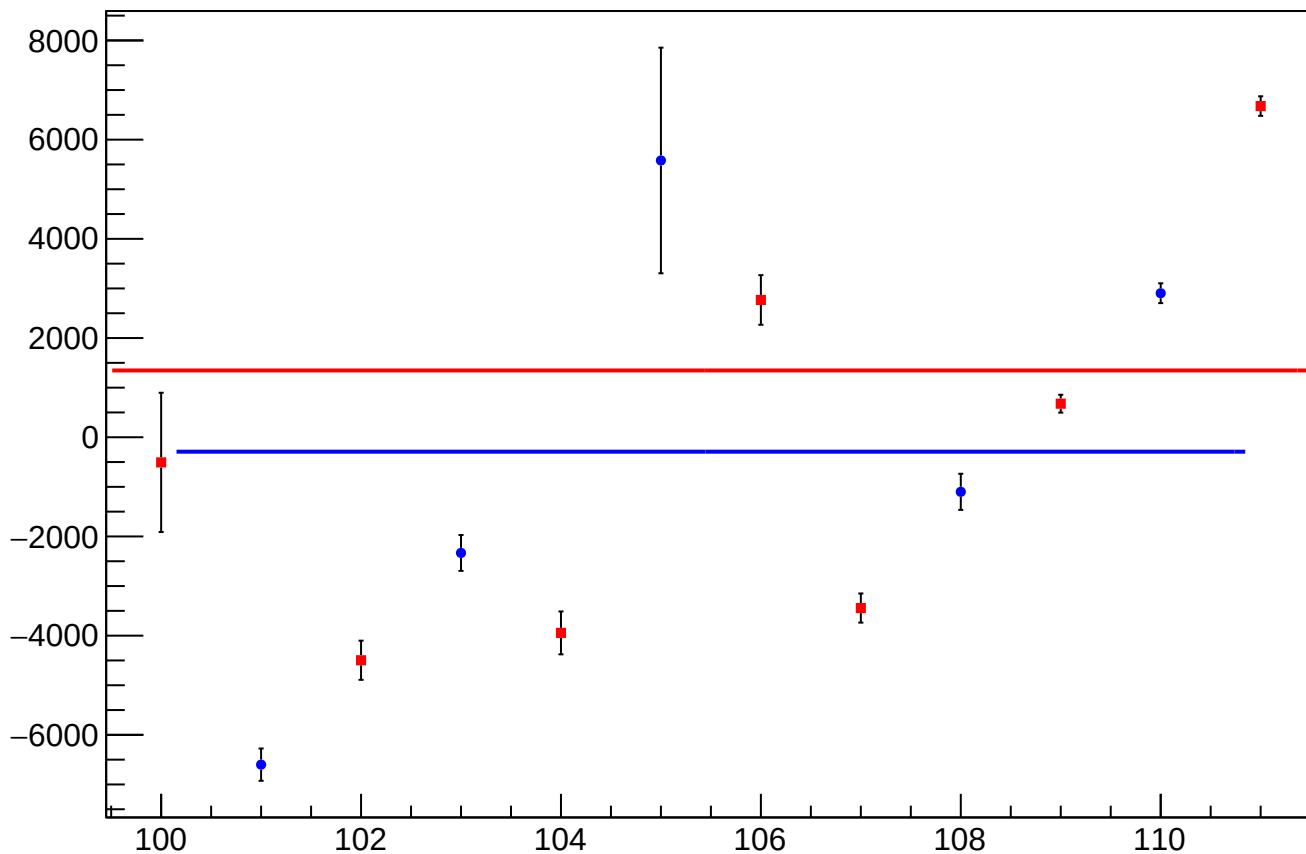
Right Out: 133.038+/-0.063 χ^2/NDF : 727929.3/6

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

145.192+/-0.082 χ^2/NDF : 547046.5/4

133.038+/-0.063 χ^2/NDF : 727929.3/6

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

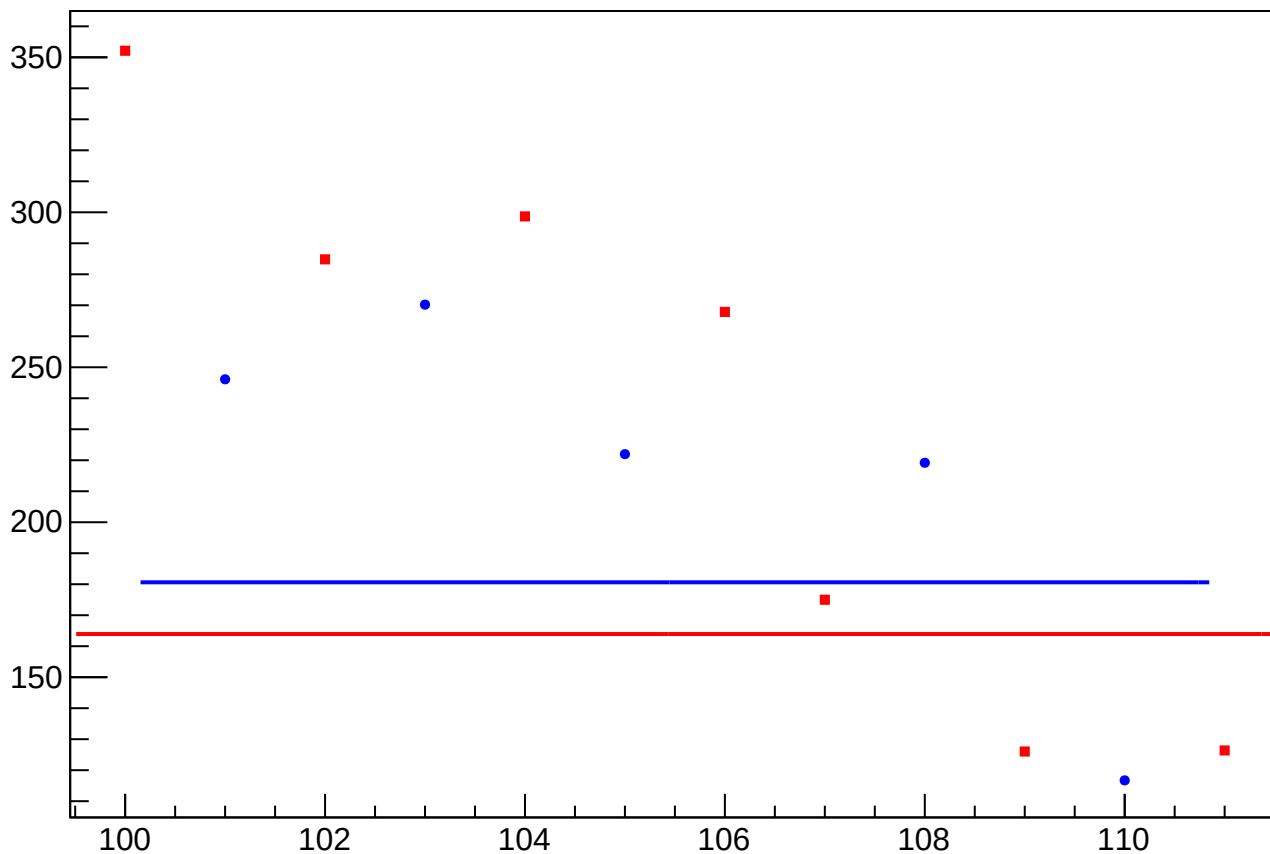
Right Out: 1346.170+/-108.834 χ^2/NDF : 1389.1/6

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

-290.938+/-141.534 χ^2/NDF : 675.4/4

1346.170+/-108.834 χ^2/NDF : 1389.1/6

asym_bpm0i02aWS_rms vs slug



Right In: 180.615 $\pm$ 0.100 χ^2 /NDF: 431876.2/4

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

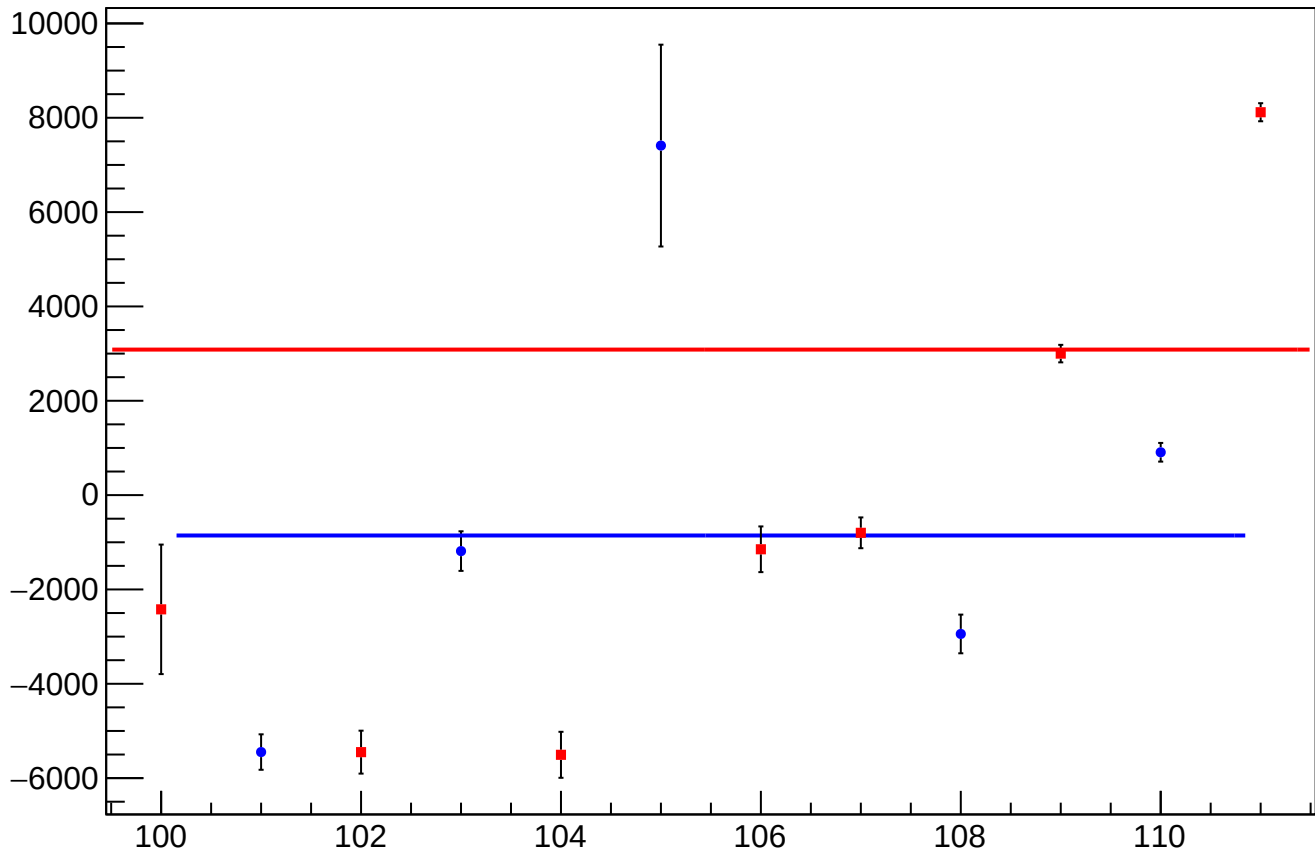
Right Out: 163.932 $\pm$ 0.077 χ^2 /NDF: 668399.9/6

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

180.615 $\pm$ 0.100 χ^2 /NDF: 431876.2/4

163.932 $\pm$ 0.077 χ^2 /NDF: 668399.9/6

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

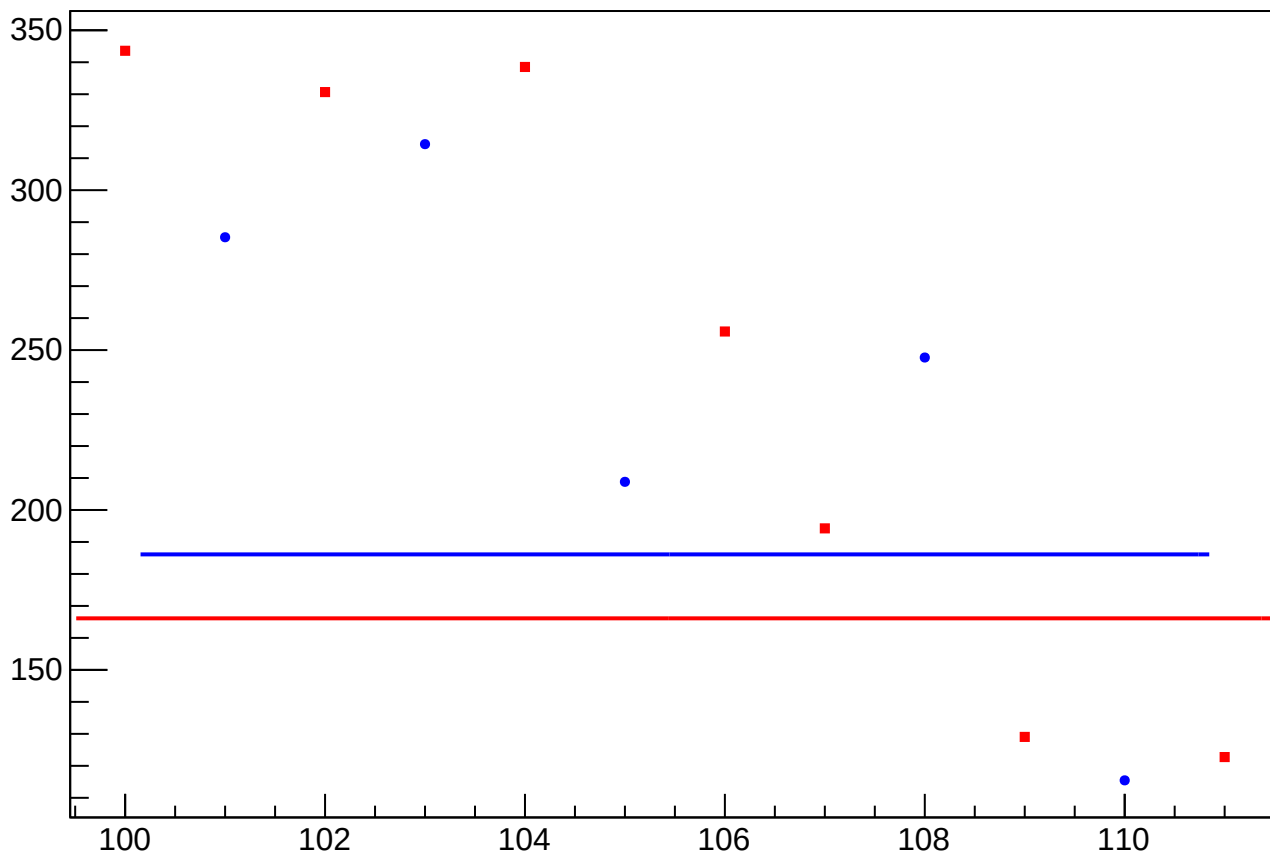
-856.113+/-150.083 χ^2/NDF : 269.9/4

Right Out: 3085.167+/-112.115 χ^2/NDF : 1587.4/6

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

3085.167+/-112.115 χ^2/NDF : 1587.4/6

asym_bpm0i05WS_rms vs slug



Right In: 186.116+/-0.106 χ^2/NDF : 625594.5/4

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

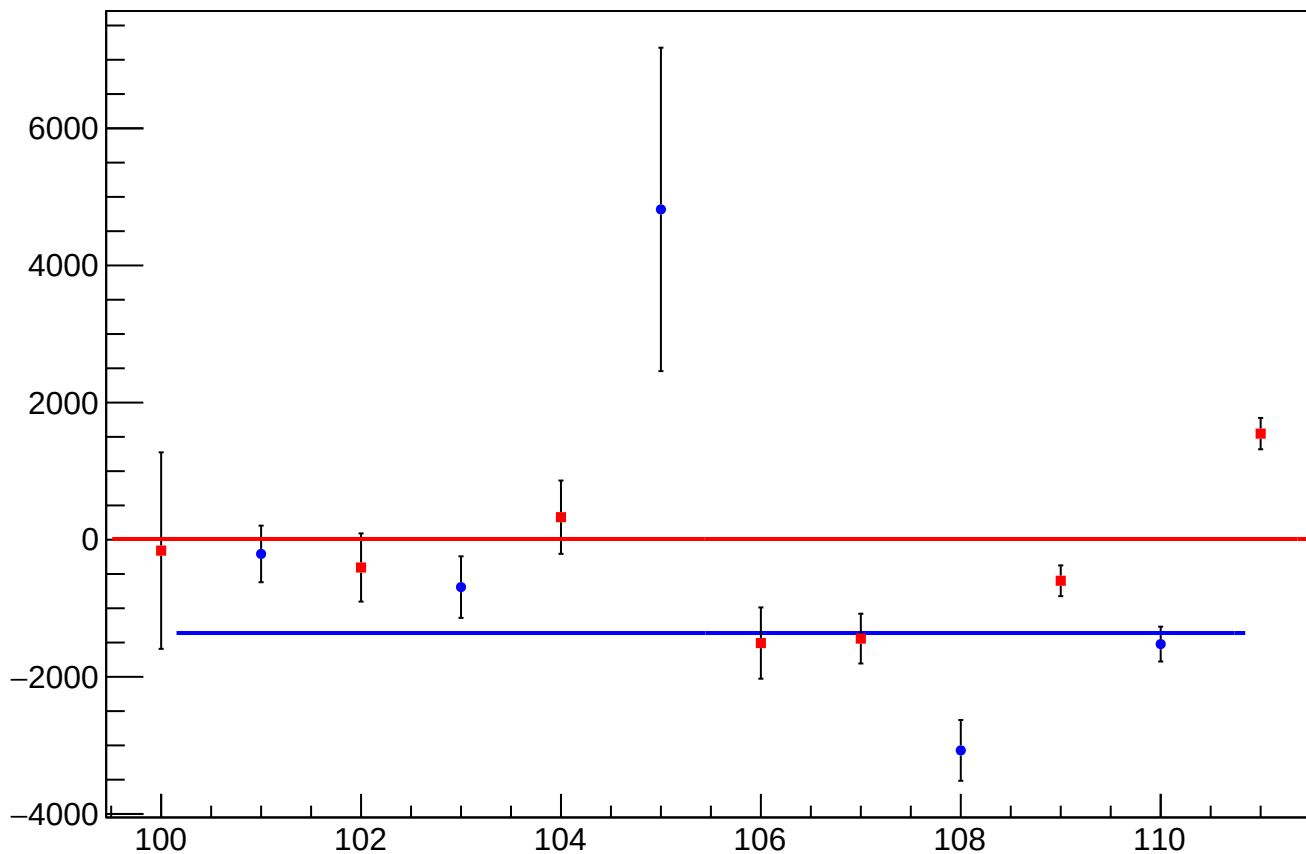
Right Out: 166.119+/-0.079 χ^2/NDF : 811044.8/6

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

186.116+/-0.106 χ^2/NDF : 625594.5/4

166.119+/-0.079 χ^2/NDF : 811044.8/6

asym_bpm0i07WS_mean vs slug



Right In: -1360.698 $\pm$ 177.874 χ^2 /NDF: 32.2/4

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

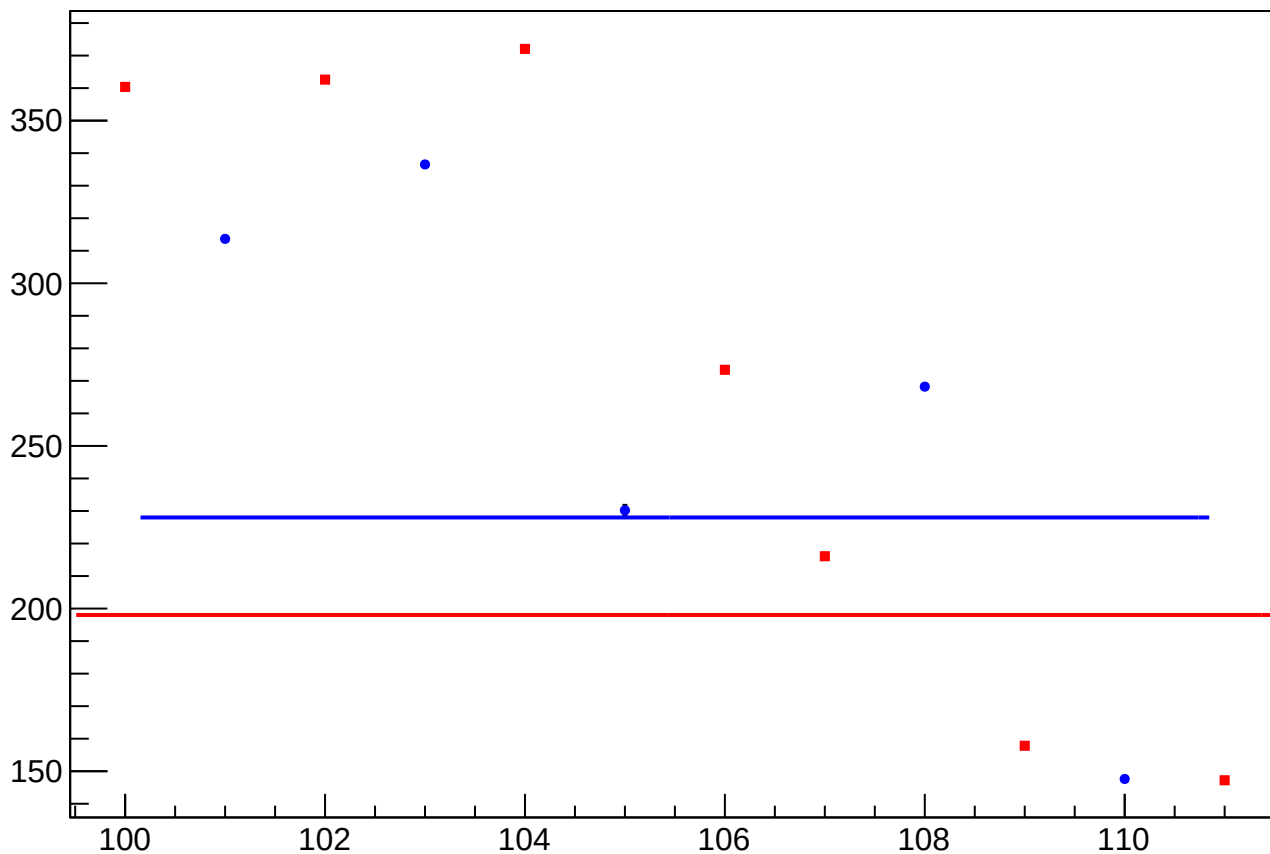
Right Out: 10.569 $\pm$ 130.991 χ^2 /NDF: 78.1/6

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

-1360.698 $\pm$ 177.874 χ^2 /NDF: 32.2/4

10.569 $\pm$ 130.991 χ^2 /NDF: 78.1/6

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

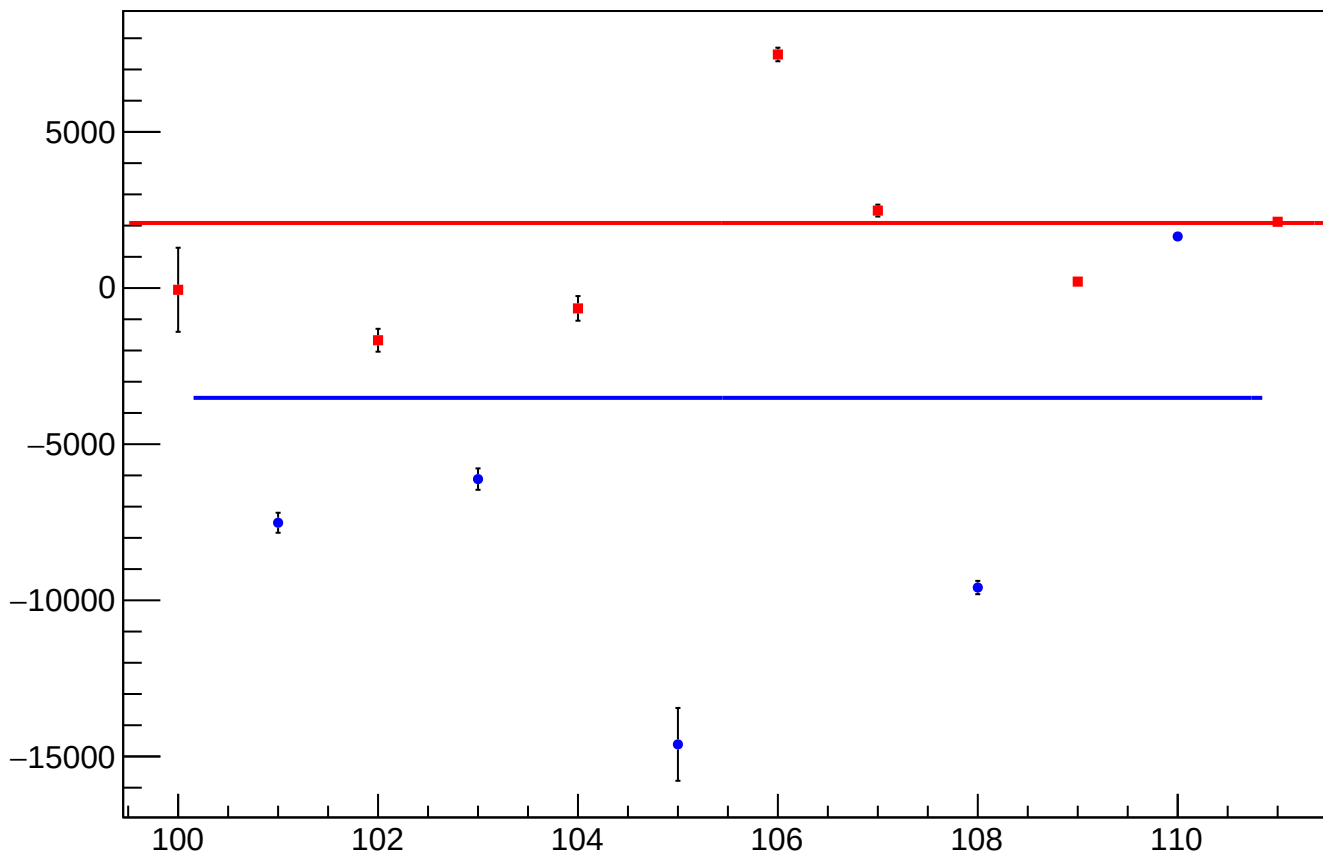
Right Out: 198.035+/-0.093 χ^2/NDF : 666473.4/6

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

228.007+/-0.126 χ^2/NDF : 419921.8/4

198.035+/-0.093 χ^2/NDF : 666473.4/6

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

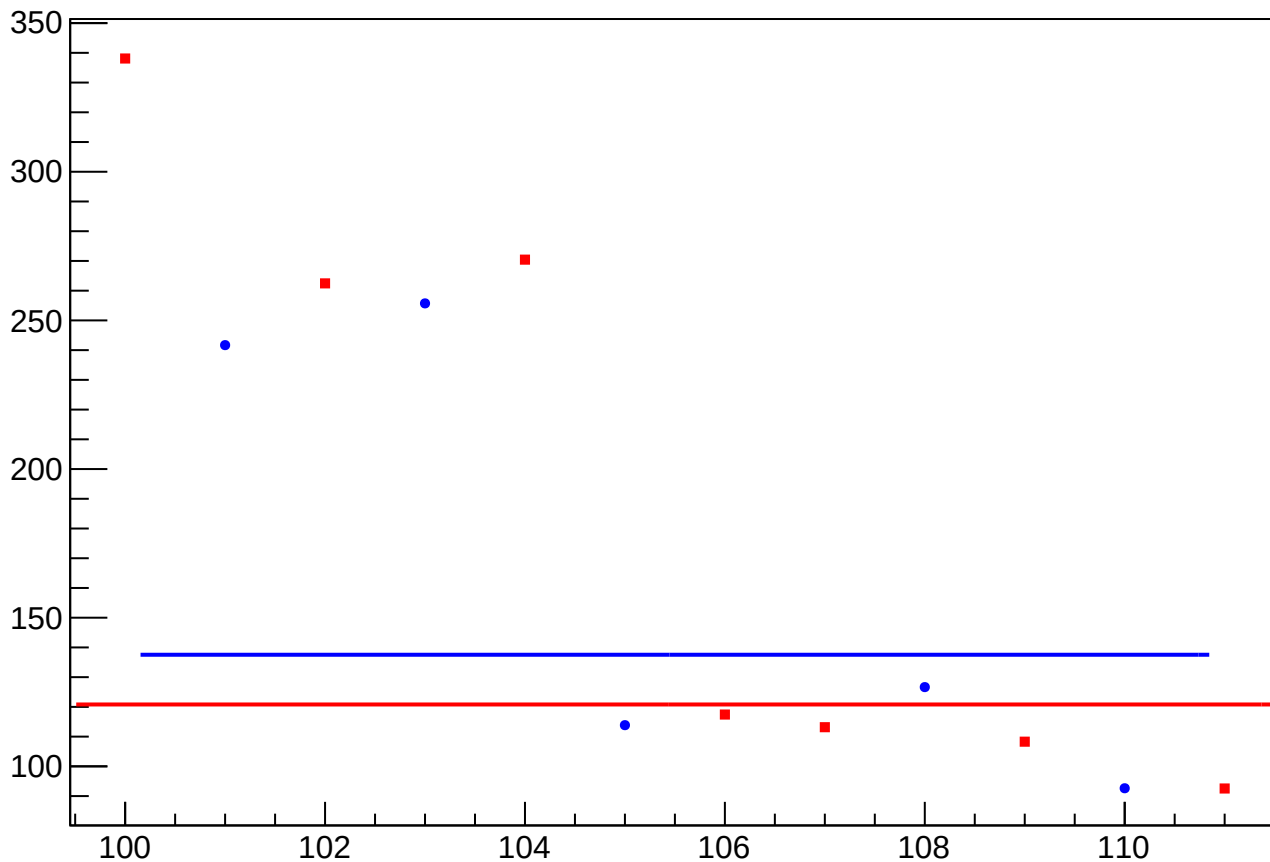
Right Out: 2084.085+/-81.039 χ^2/NDF : 923.2/6

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

-3516.136+/-111.672 χ^2/NDF : 2162.8/4

2084.085+/-81.039 χ^2/NDF : 923.2/6

asym_bpm1i02WS_rms vs slug



Right In: 137.537+/-0.079 χ^2/NDF : 612924.9/4

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

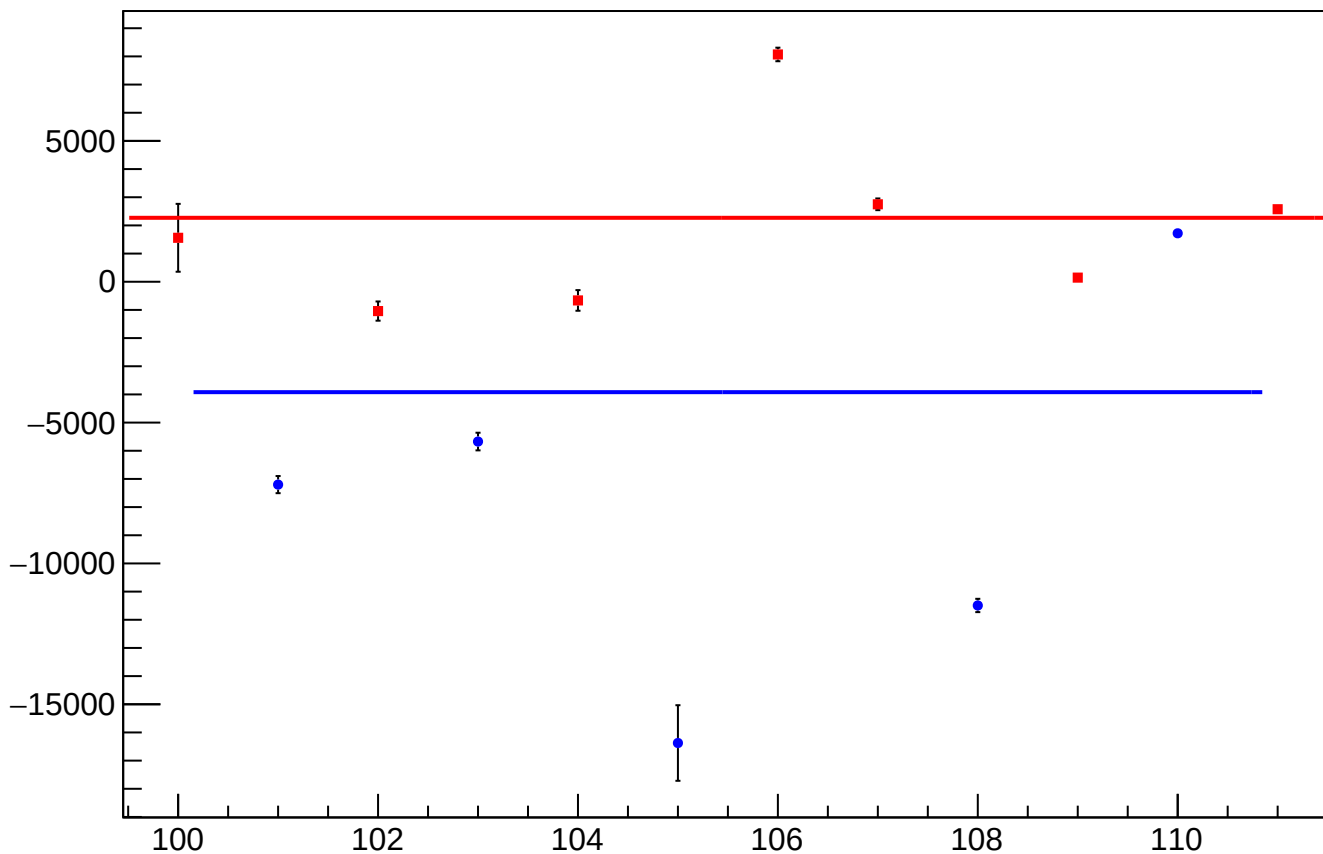
137.537+/-0.079 χ^2/NDF : 612924.9/4

Right Out: 120.811+/-0.057 χ^2/NDF : 730008.4/6

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

120.811+/-0.057 χ^2/NDF : 730008.4/6

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

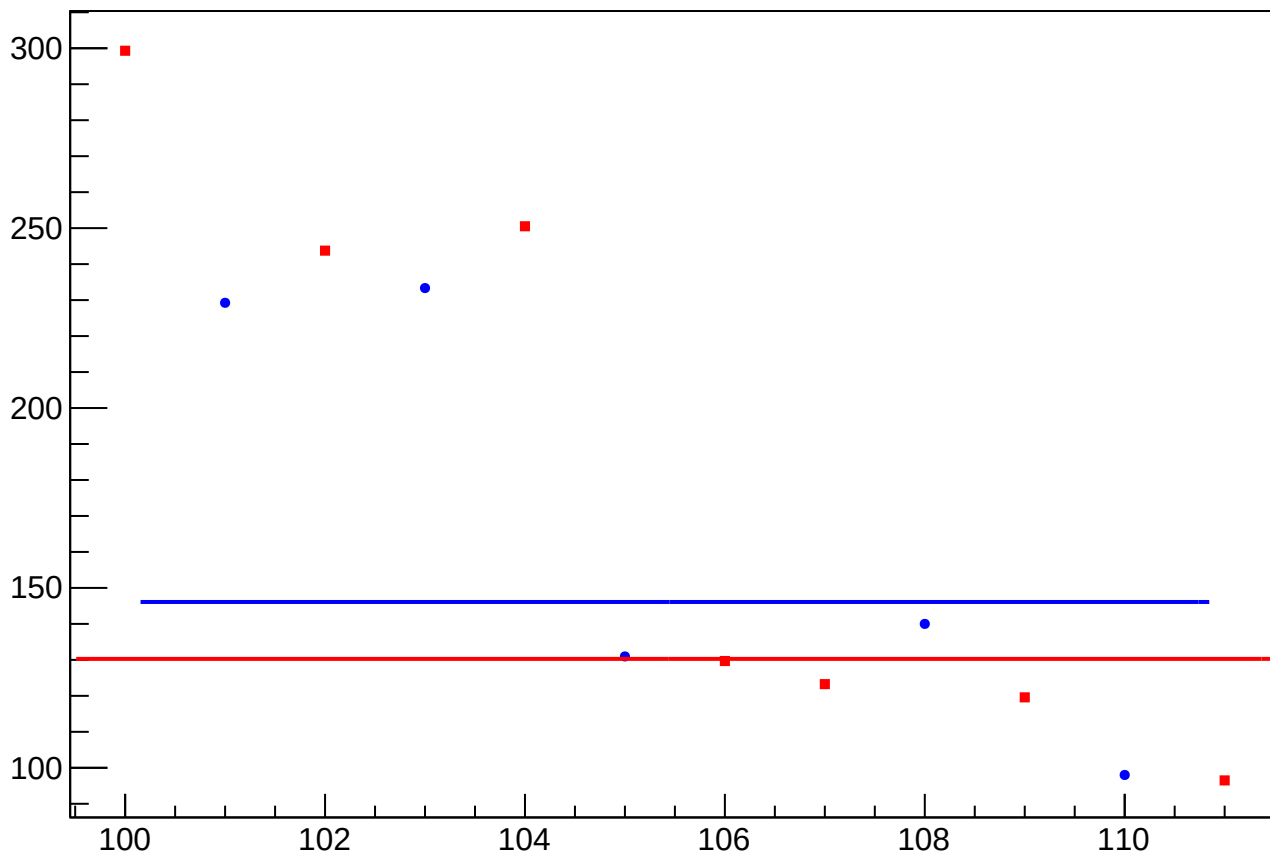
Right Out: 2270.219+/-86.226 χ^2/NDF : 903.9/6

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

-3919.715+/-116.072 χ^2/NDF : 2366.7/4

2270.219+/-86.226 χ^2/NDF : 903.9/6

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

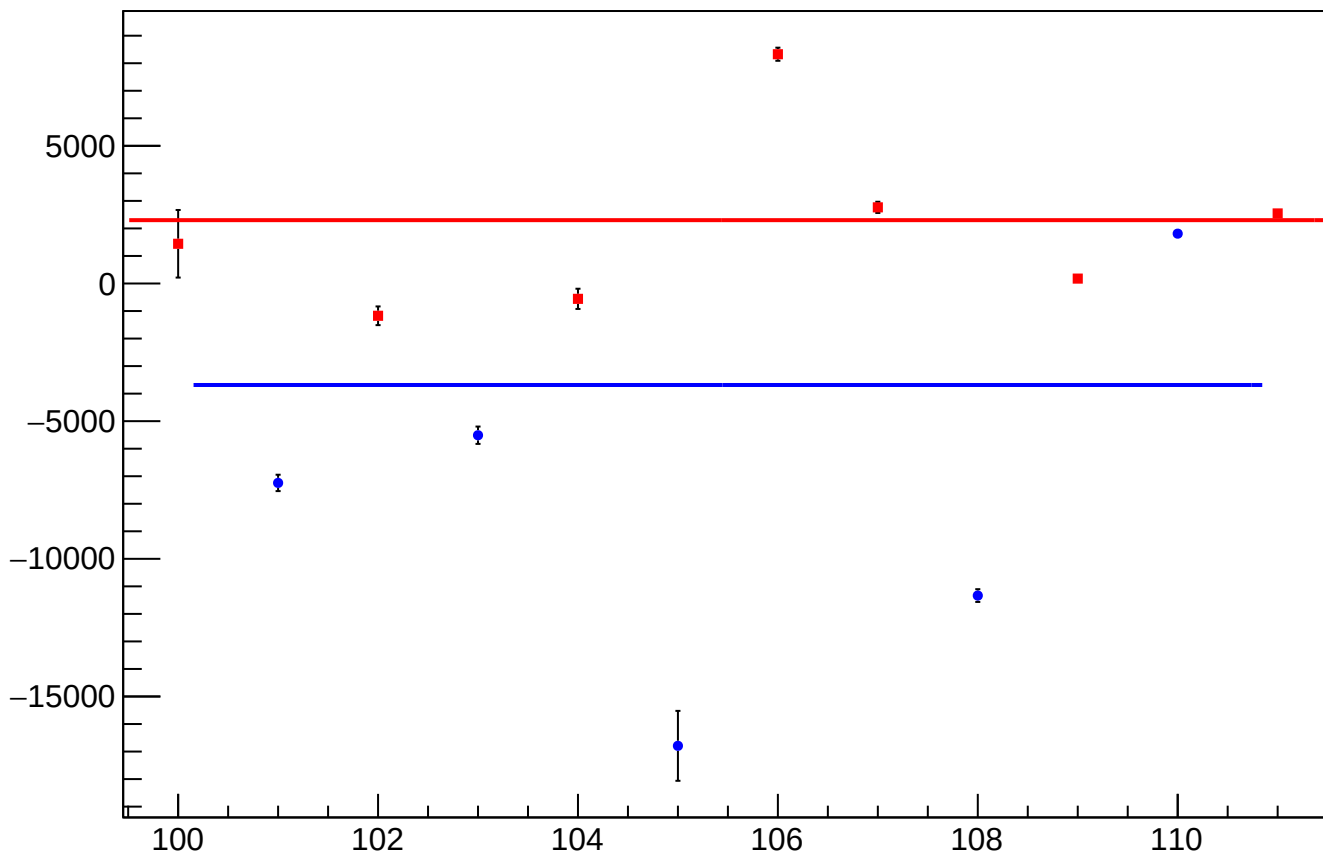
146.093+/-0.082 χ^2/NDF : 466921.5/4

Right Out: 130.277+/-0.061 χ^2/NDF : 583882.4/6

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

130.277+/-0.061 χ^2/NDF : 583882.4/6

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

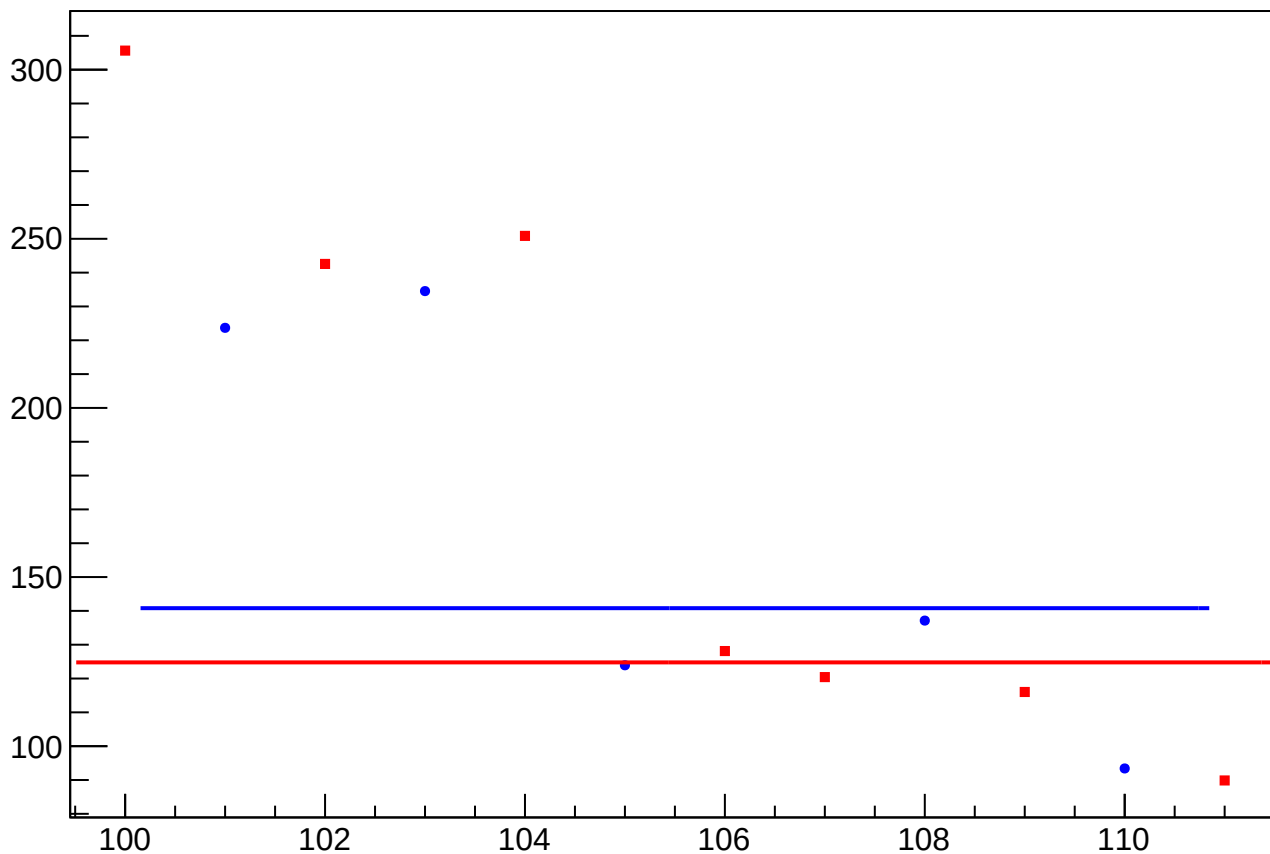
Right Out: 2300.522+/-83.272 χ^2/NDF : 978.7/6

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

-3686.147+/-112.669 χ^2/NDF : 2525.0/4

2300.522+/-83.272 χ^2/NDF : 978.7/6

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

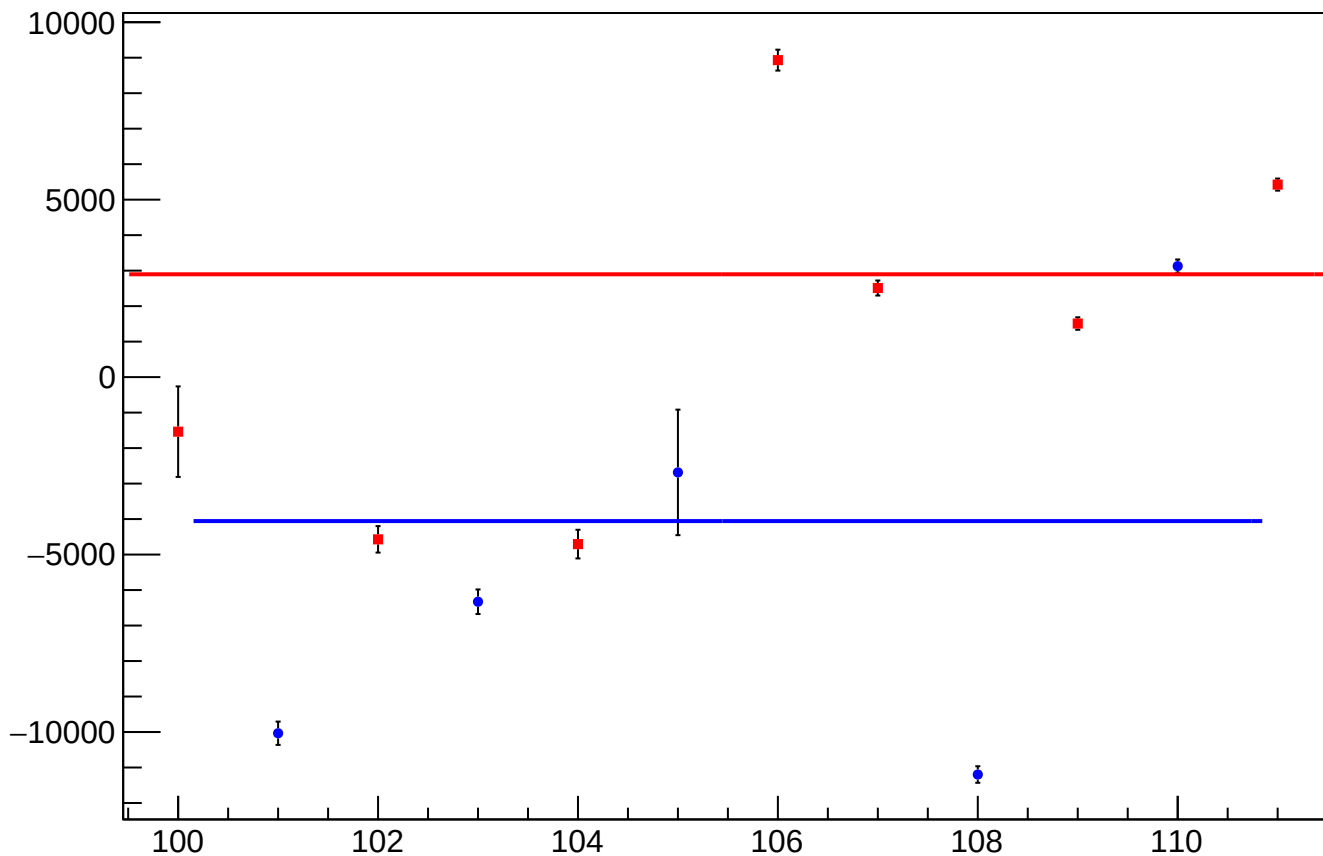
Right Out: 124.770+/-0.059 χ^2/NDF : 646373.4/6

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

140.800+/-0.080 χ^2/NDF : 504842.1/4

124.770+/-0.059 χ^2/NDF : 646373.4/6

asym_bpm0i01WS_mean vs slug



Right In: -4056.474 $\pm$ 124.139 χ^2 /NDF: 2787.4/4

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

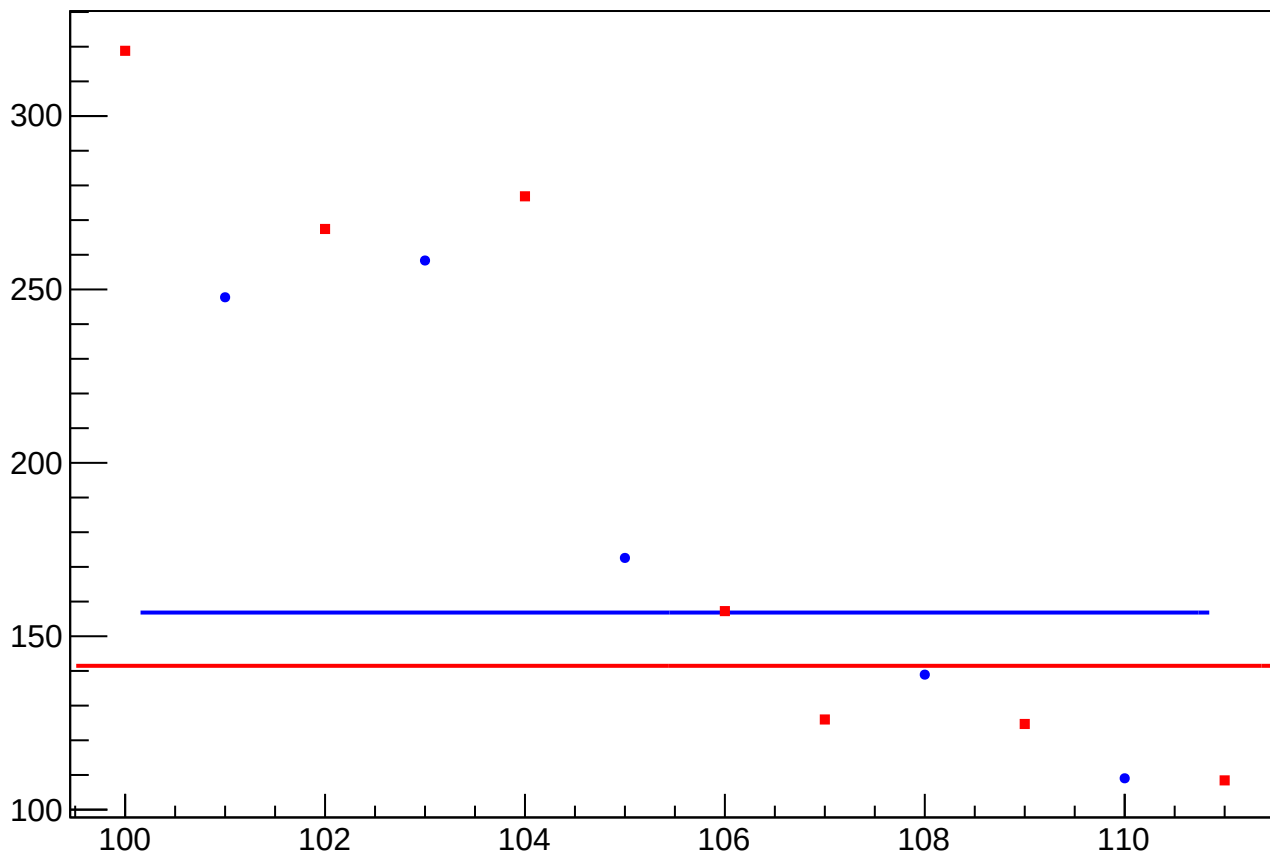
Right Out: 2897.336 $\pm$ 93.408 χ^2 /NDF: 1473.4/6

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

-4056.474 $\pm$ 124.139 χ^2 /NDF: 2787.4/4

2897.336 $\pm$ 93.408 χ^2 /NDF: 1473.4/6

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

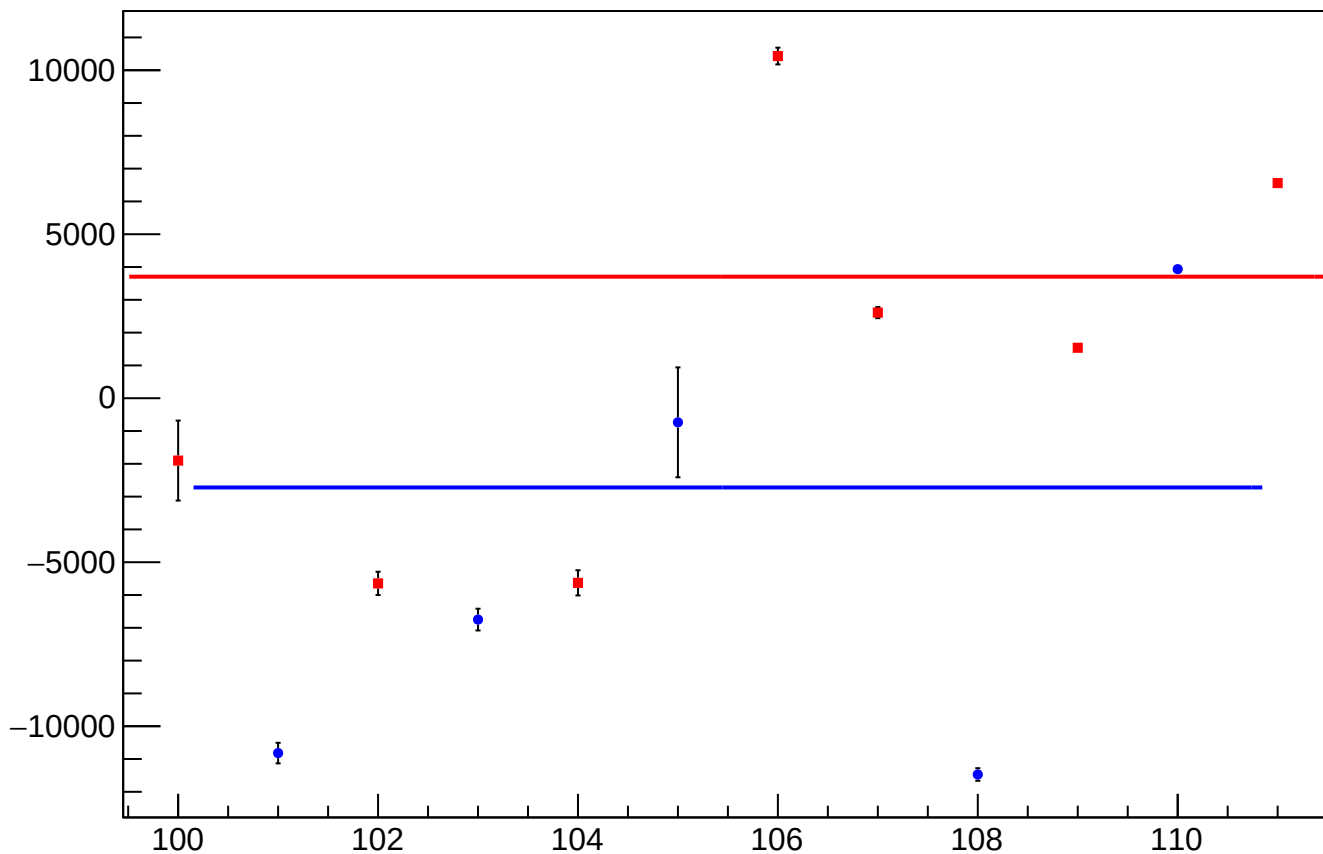
Right Out: 141.475+/-0.066 χ^2/NDF : 601966.5/6

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

156.834+/-0.088 χ^2/NDF : 467583.7/4

141.475+/-0.066 χ^2/NDF : 601966.5/6

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

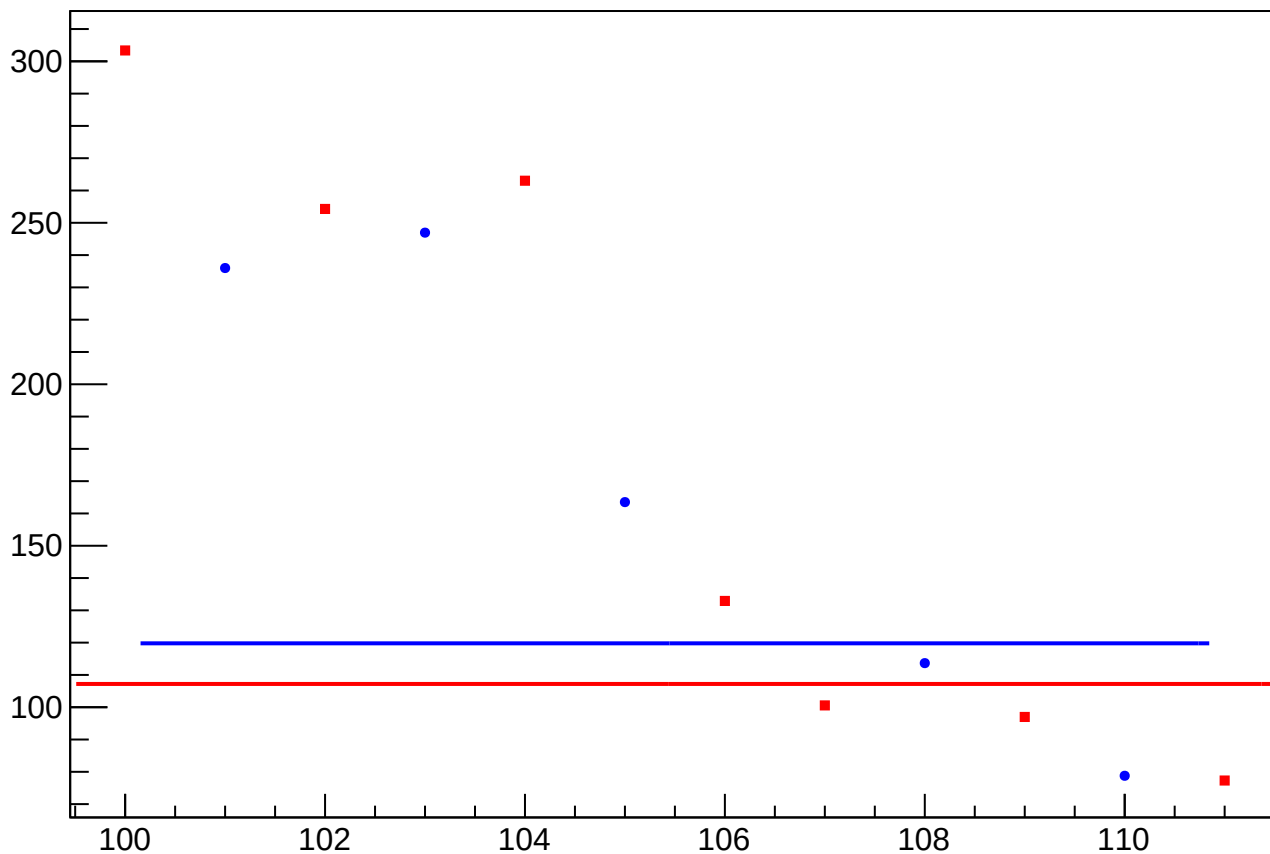
Right Out: 3705.033+/-73.700 χ^2/NDF : 2826.4/6

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

-2720.901+/-99.888 χ^2/NDF : 5262.4/4

3705.033+/-73.700 χ^2/NDF : 2826.4/6

asym_bpm0i01aWS_rms vs slug



Right In: 119.785 $\pm$ 0.071 χ^2 /NDF: 753057.4/4

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

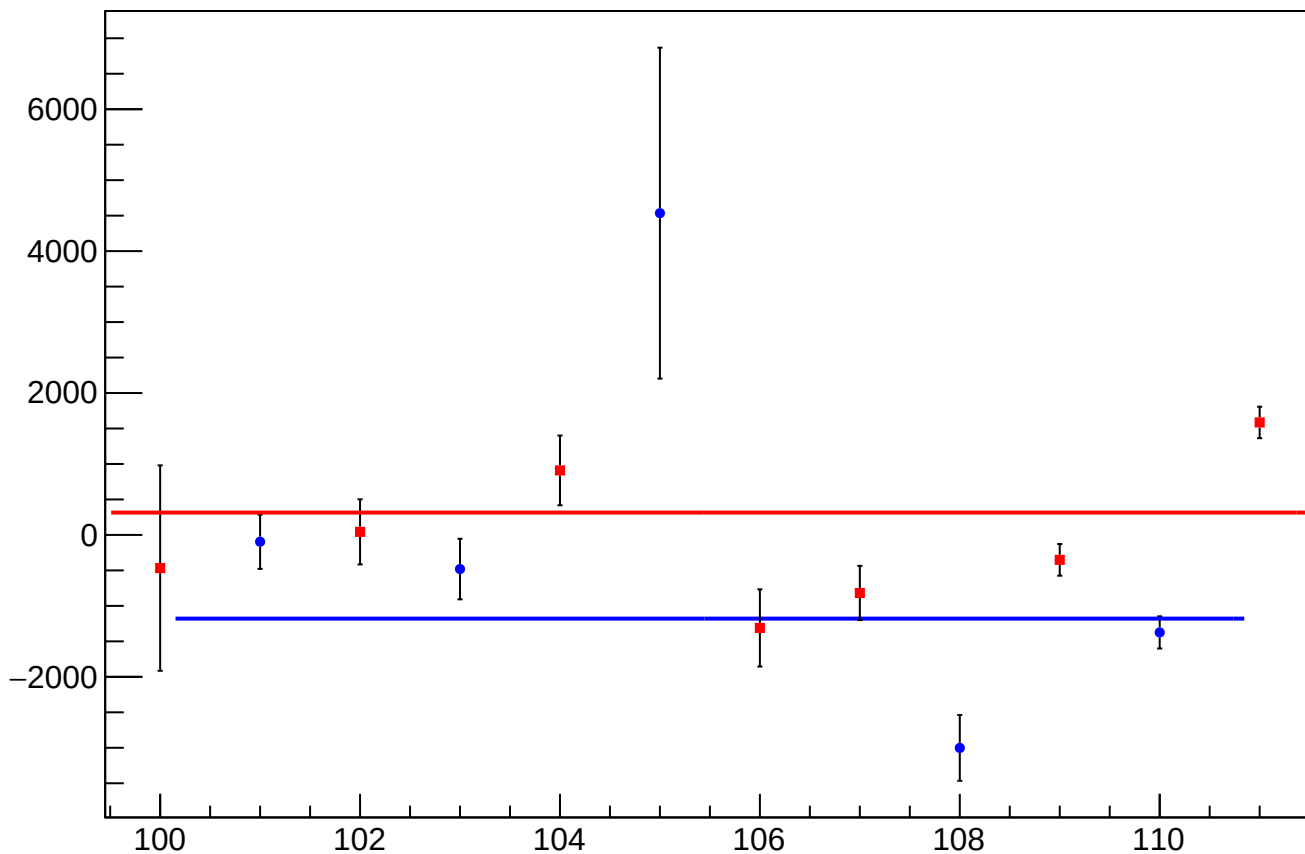
119.785 $\pm$ 0.071 χ^2 /NDF: 753057.4/4

Right Out: 107.207 $\pm$ 0.052 χ^2 /NDF: 876143.7/6

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

107.207 $\pm$ 0.052 χ^2 /NDF: 876143.7/6

asym_bpm0l01WS_mean vs slug



Right In: -1179.255+/-165.154 χ^2/NDF : 32.9/4

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

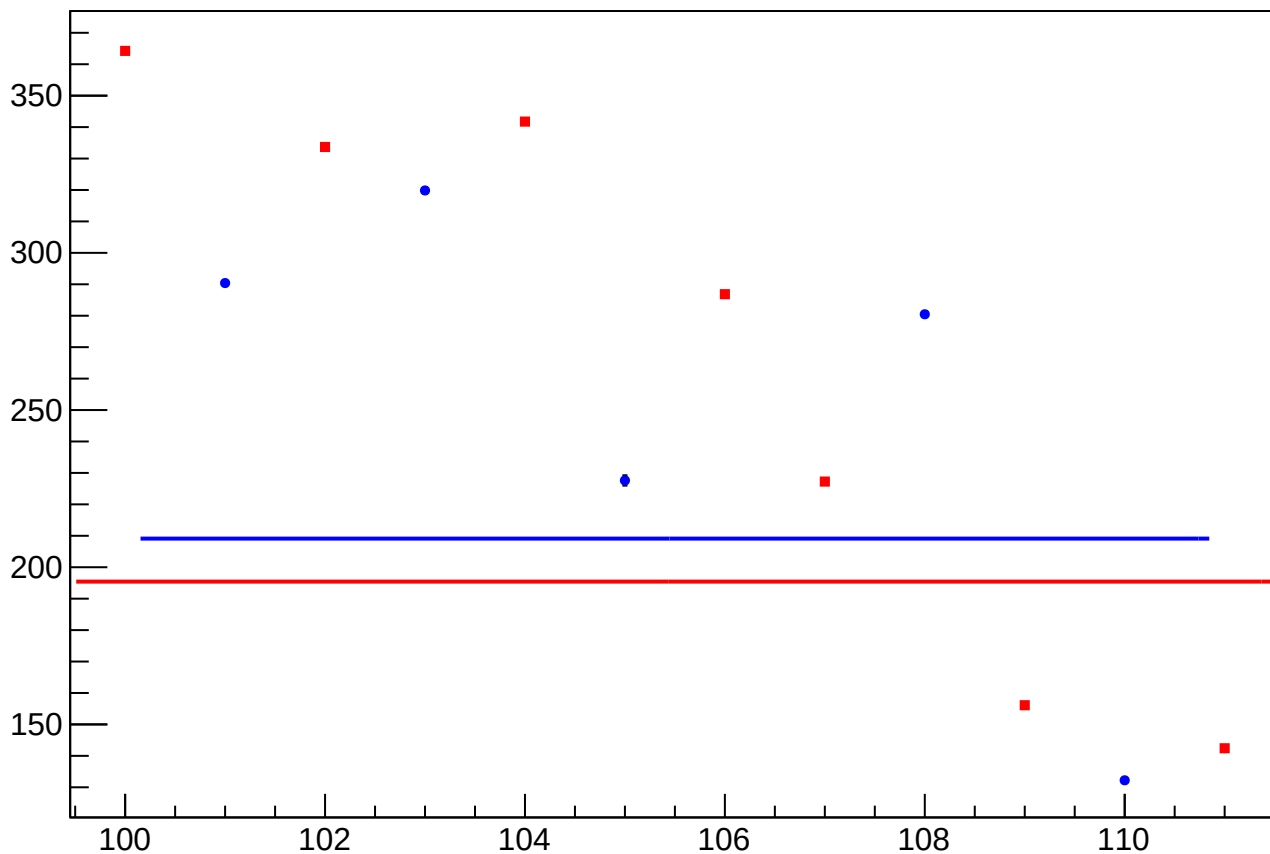
Right Out: 315.241+/-129.075 χ^2/NDF : 61.6/6

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

-1179.255+/-165.154 χ^2/NDF : 32.9/4

315.241+/-129.075 χ^2/NDF : 61.6/6

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

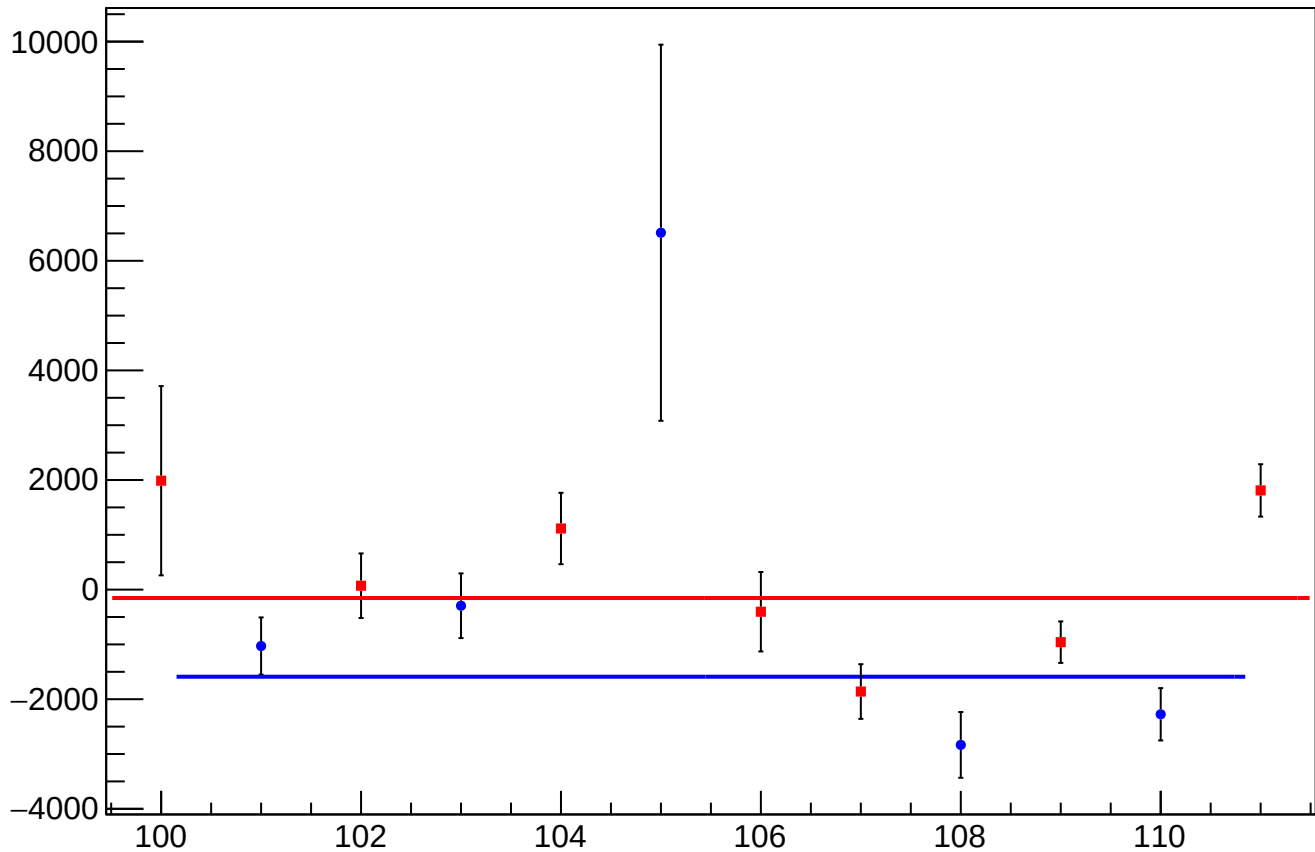
Right Out: 195.427+/-0.091 χ^2/NDF : 632468.2/6

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

209.105+/-0.117 χ^2/NDF : 502964.9/4

195.427+/-0.091 χ^2/NDF : 632468.2/6

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

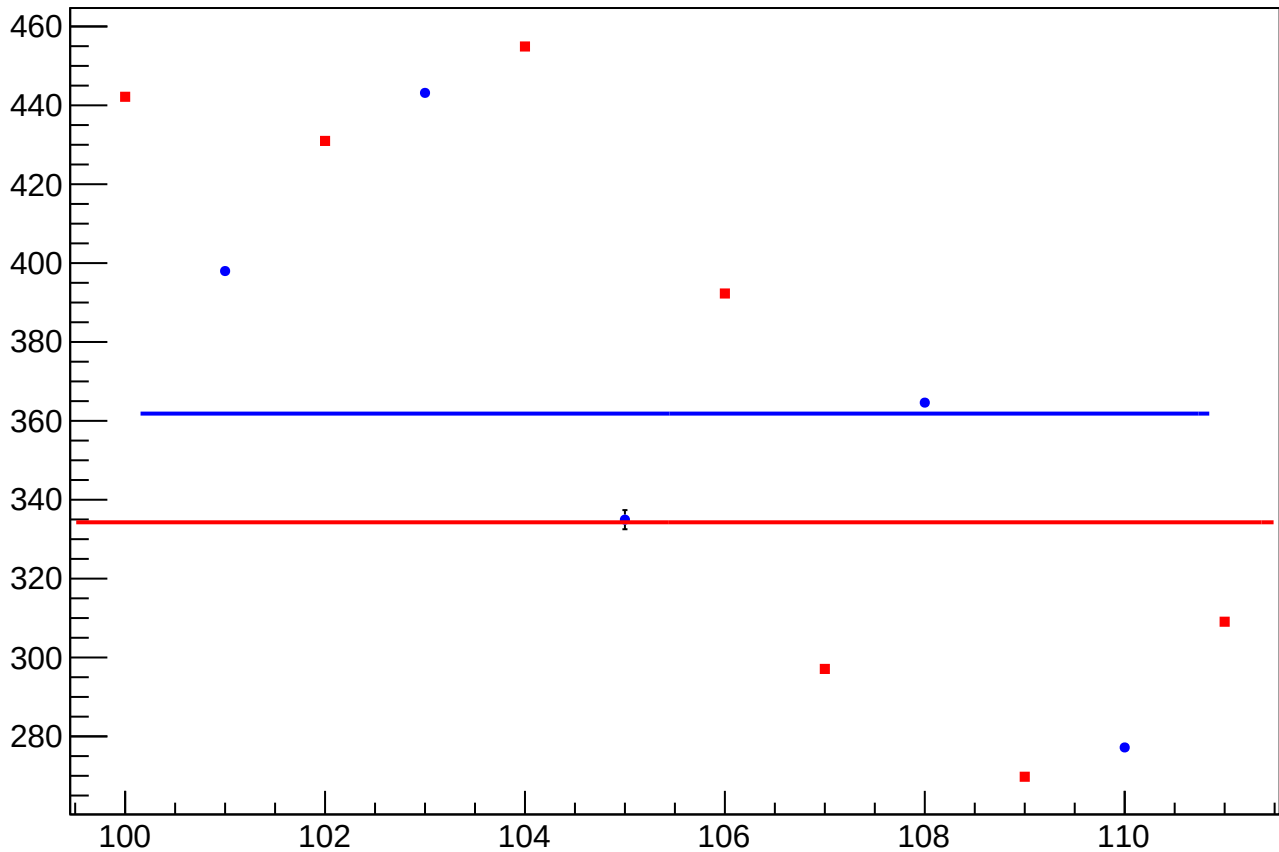
Right Out: -153.464 $\pm$ 209.205 χ^2 /NDF: 38.7/6

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

-1589.620 $\pm$ 269.337 χ^2 /NDF: 17.9/4

-153.464 $\pm$ 209.205 χ^2 /NDF: 38.7/6

asym_bpm0l02WS_rms vs slug



Right In: 361.841+/-0.190 χ^2/NDF : 110583.5/4

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

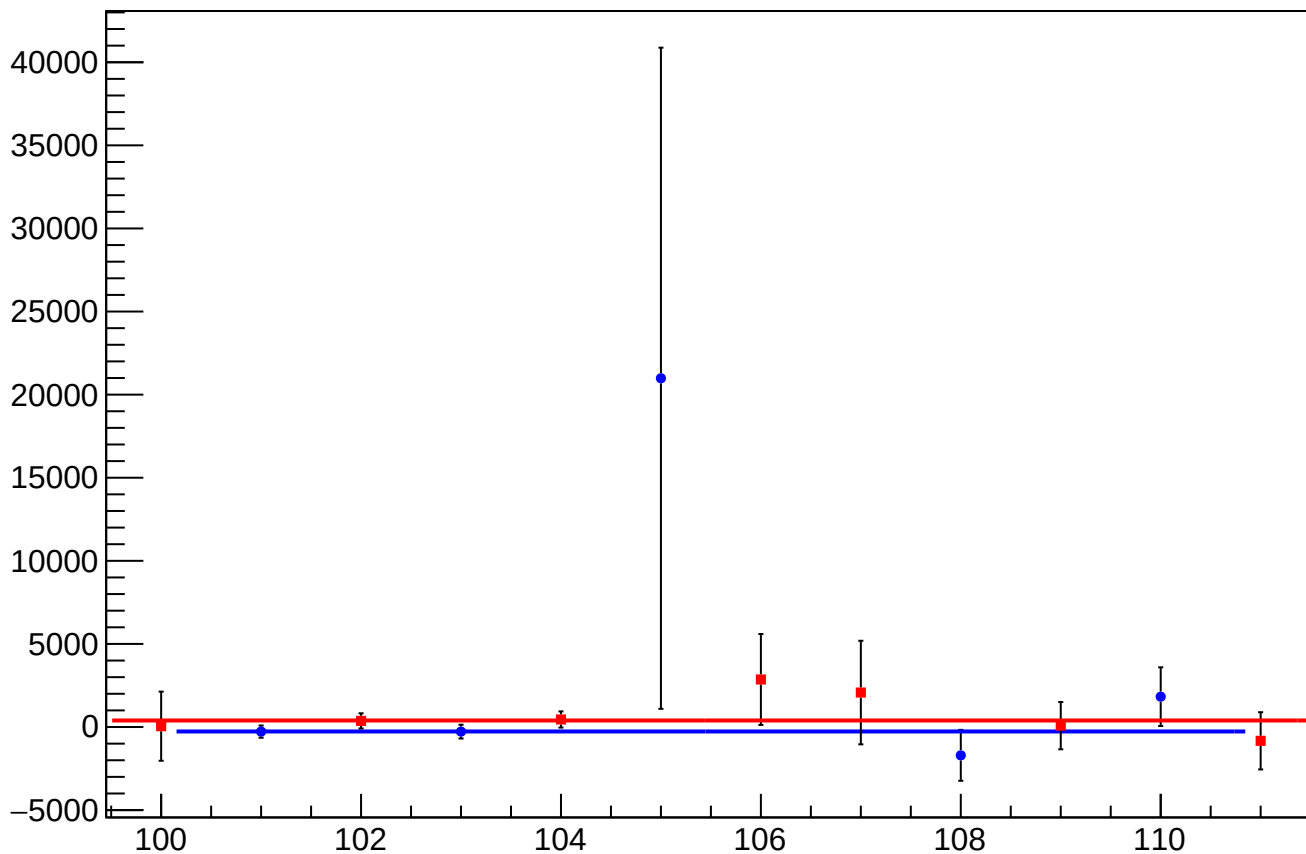
361.841+/-0.190 χ^2/NDF : 110583.5/4

Right Out: 334.279+/-0.148 χ^2/NDF : 217846.4/6

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

334.279+/-0.148 χ^2/NDF : 217846.4/6

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

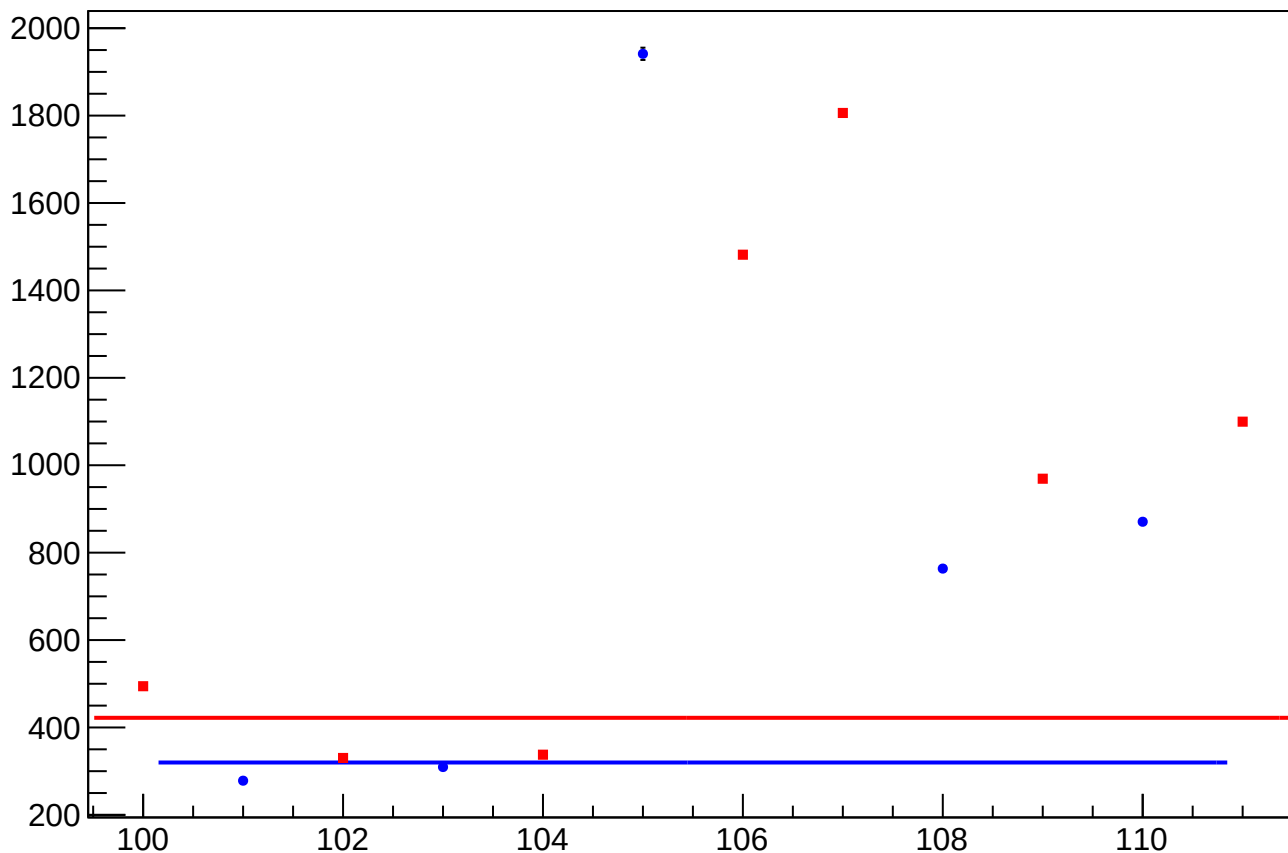
Right Out: 392.951+/-310.918 χ^2 /NDF: 1.7/6

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

-267.924+/-266.932 χ^2 /NDF: 3.4/4

392.951+/-310.918 χ^2 /NDF: 1.7/6

asym_bpm0l03WS_rms vs slug



Right In: 319.844+/-0.189 χ^2/NDF : 402648.7/4

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

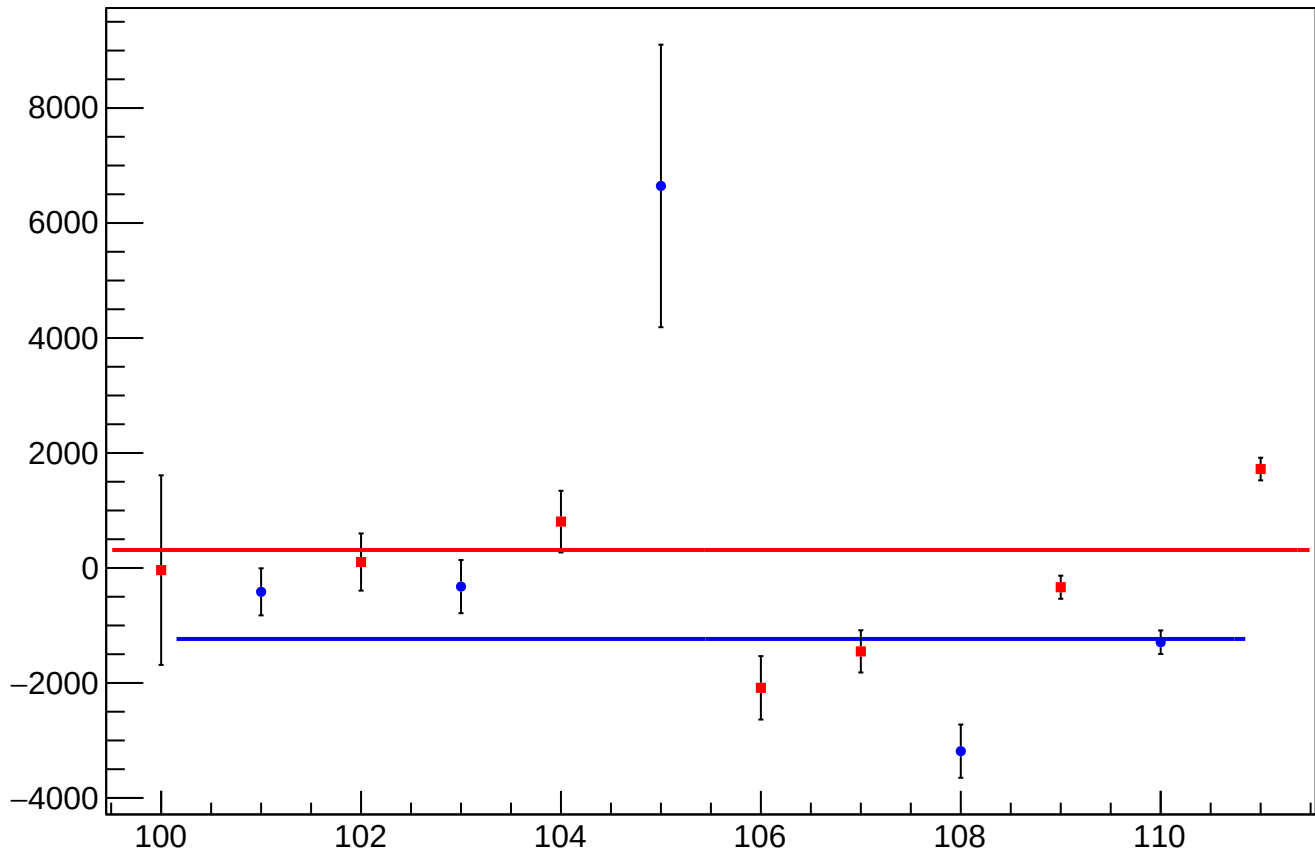
Right Out: 422.101+/-0.220 χ^2/NDF : 1443940.8/6

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

319.844+/-0.189 χ^2/NDF : 402648.7/4

422.101+/-0.220 χ^2/NDF : 1443940.8/6

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

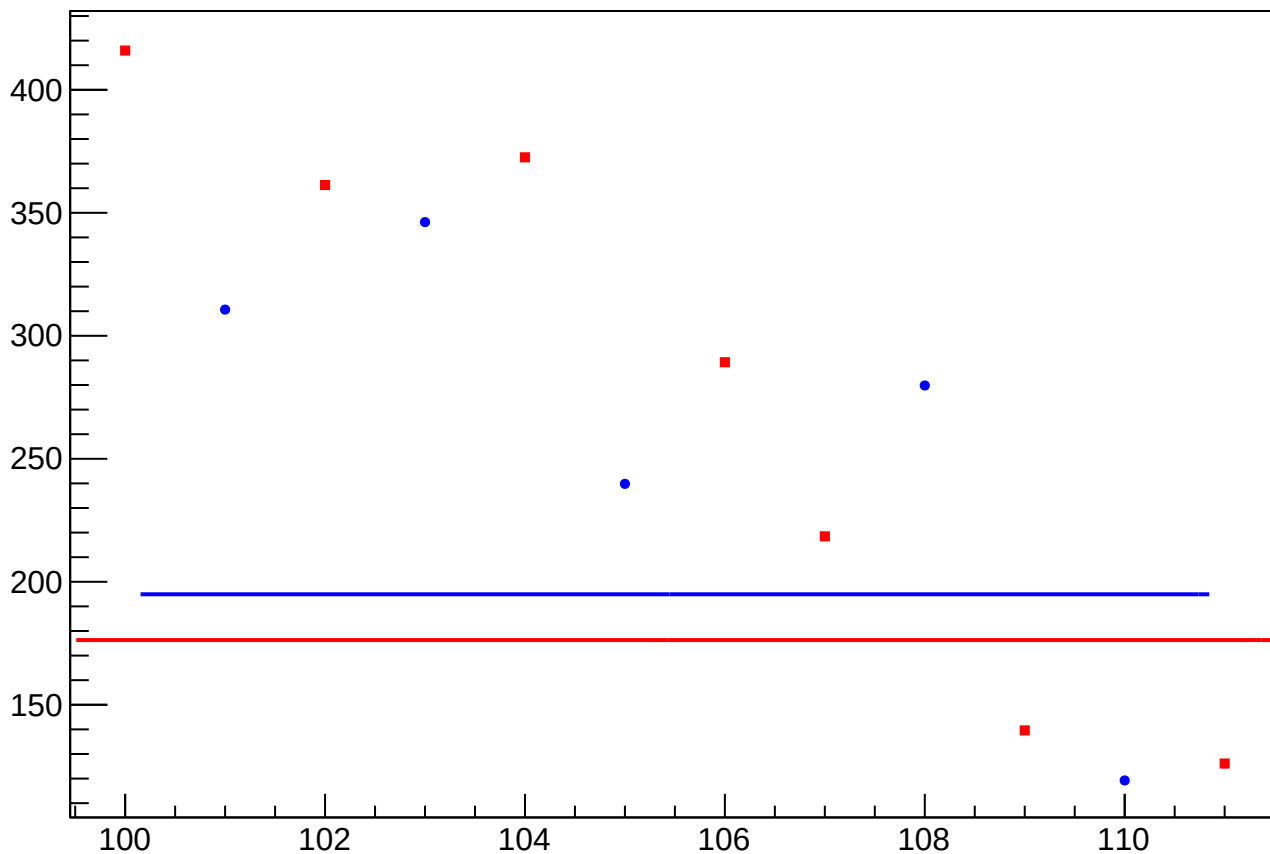
Right Out: 313.301+/-120.306 χ^2/NDF : 104.5/6

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

-1234.461+/-159.569 χ^2/NDF : 36.0/4

313.301+/-120.306 χ^2/NDF : 104.5/6

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

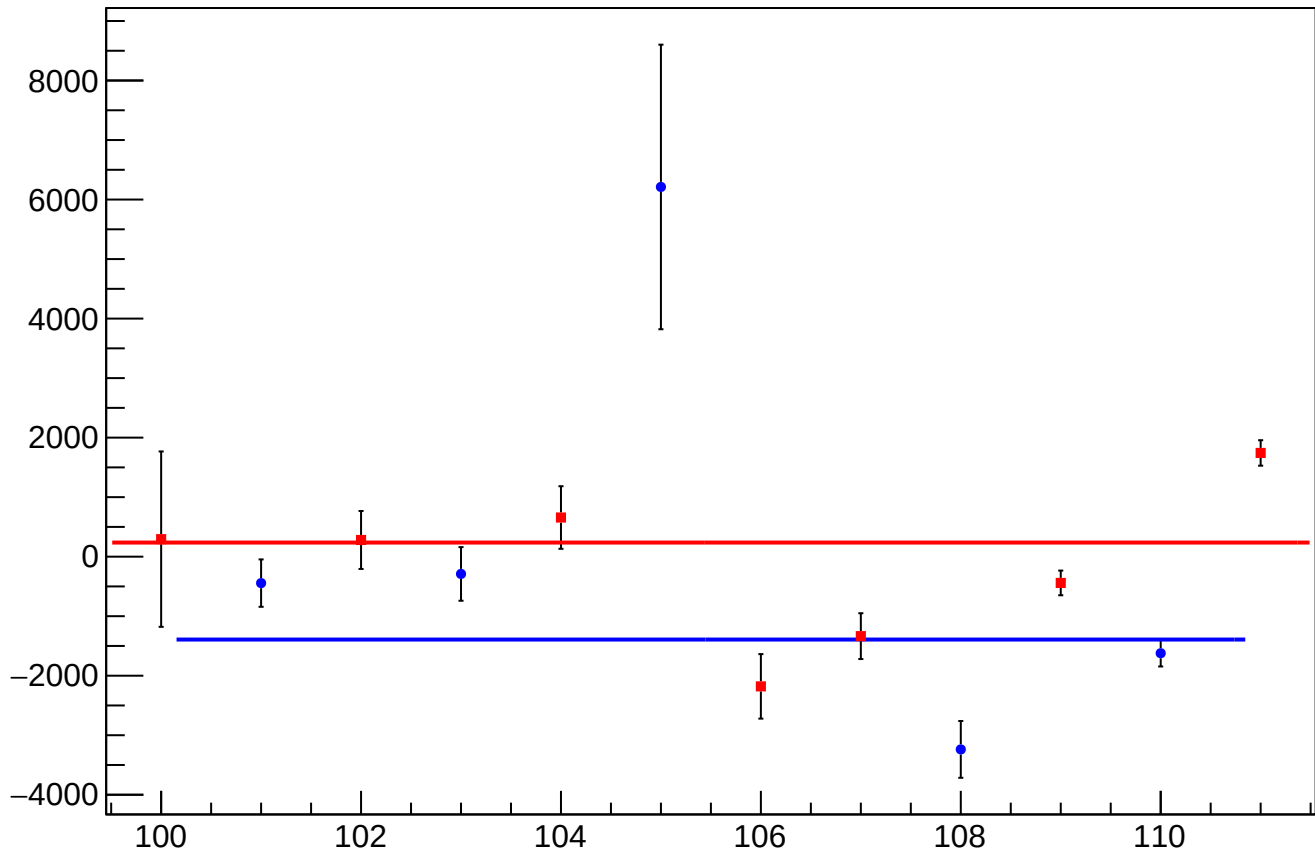
Right Out: 176.308+/-0.085 χ^2/NDF : 893386.7/6

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

194.920+/-0.113 χ^2/NDF : 714503.7/4

176.308+/-0.085 χ^2/NDF : 893386.7/6

asym_bpm0l05WS_mean vs slug



Right In: -1392.450+/-166.791 χ^2/NDF : 37.8/4

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

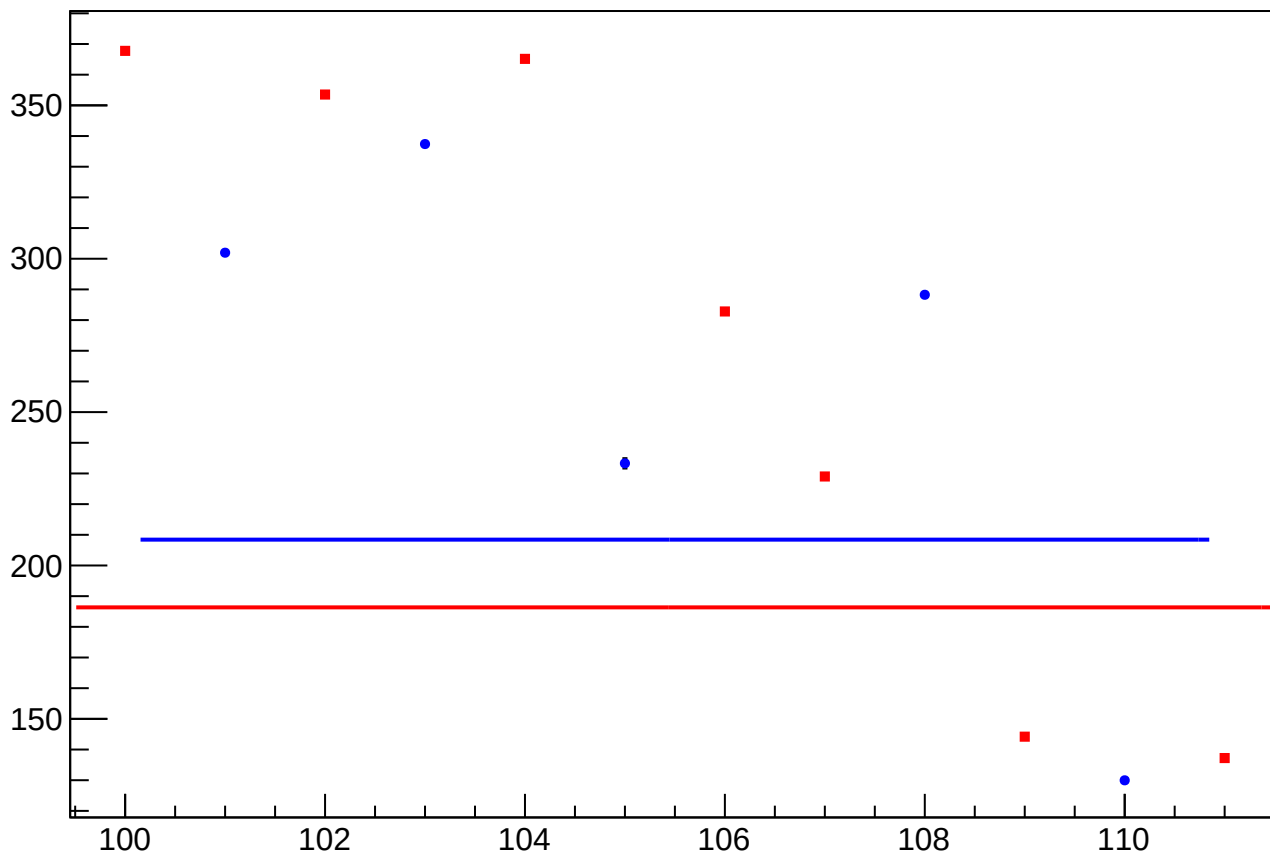
Right Out: 237.071+/-125.477 χ^2/NDF : 97.4/6

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

-1392.450+/-166.791 χ^2/NDF : 37.8/4

237.071+/-125.477 χ^2/NDF : 97.4/6

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

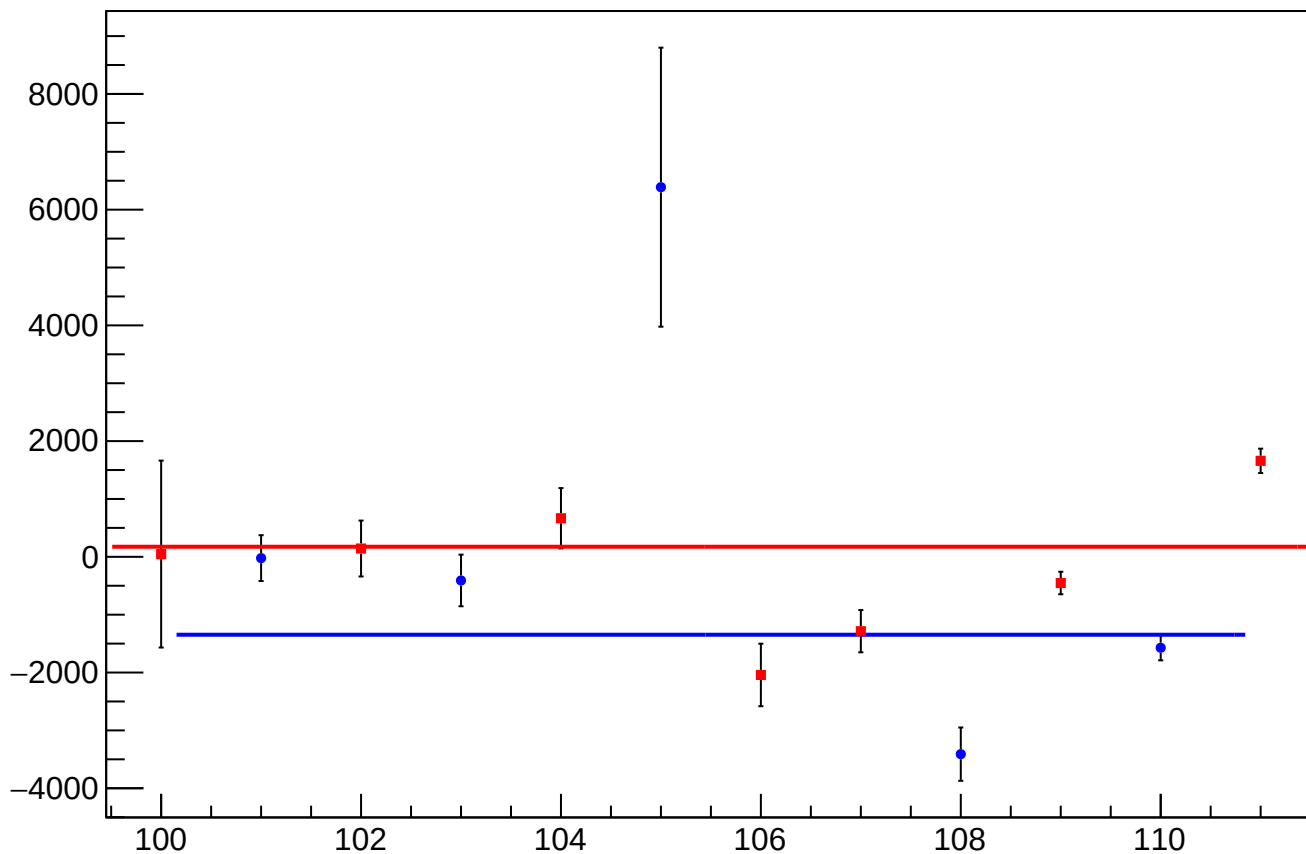
Right Out: 186.345+/-0.089 χ^2/NDF : 773263.1/6

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

208.425+/-0.118 χ^2/NDF : 578435.0/4

186.345+/-0.089 χ^2/NDF : 773263.1/6

asym_bpm0l06WS_mean vs slug



Right In: -1346.495+/-163.466 χ^2/NDF : 47.0/4

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

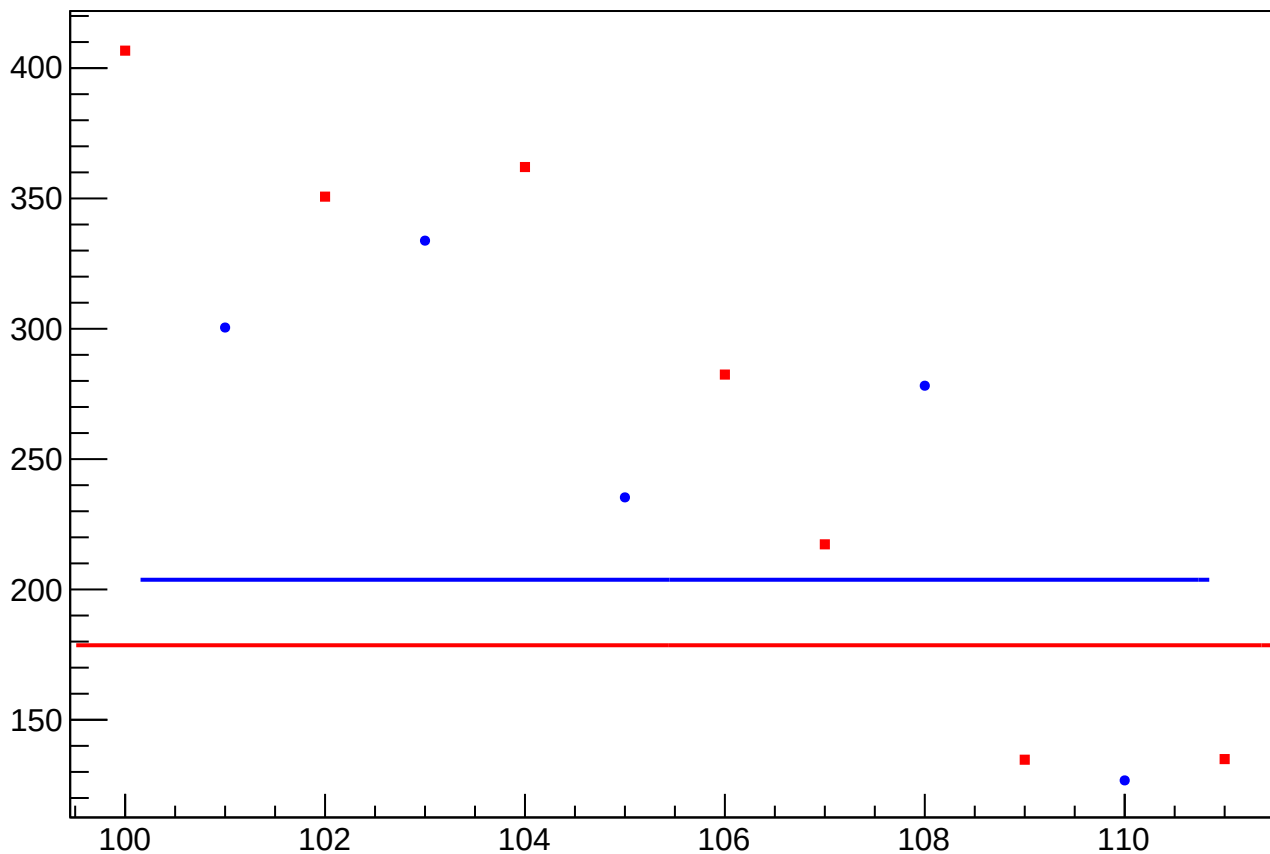
Right Out: 174.223+/-121.037 χ^2/NDF : 93.8/6

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

-1346.495+/-163.466 χ^2/NDF : 47.0/4

174.223+/-121.037 χ^2/NDF : 93.8/6

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

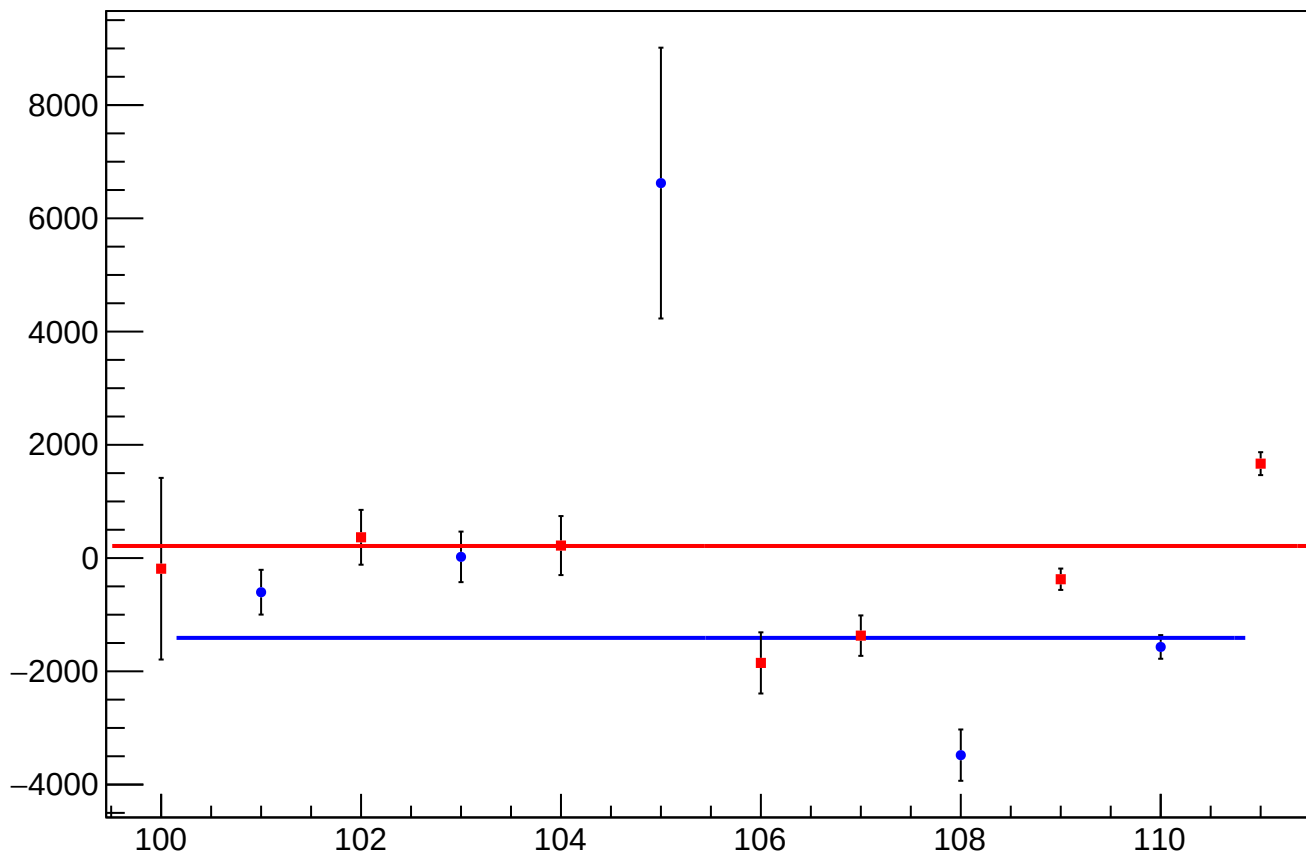
Right Out: 178.592+/-0.086 χ^2/NDF : 825536.5/6

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

203.724+/-0.116 χ^2/NDF : 592573.5/4

178.592+/-0.086 χ^2/NDF : 825536.5/6

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

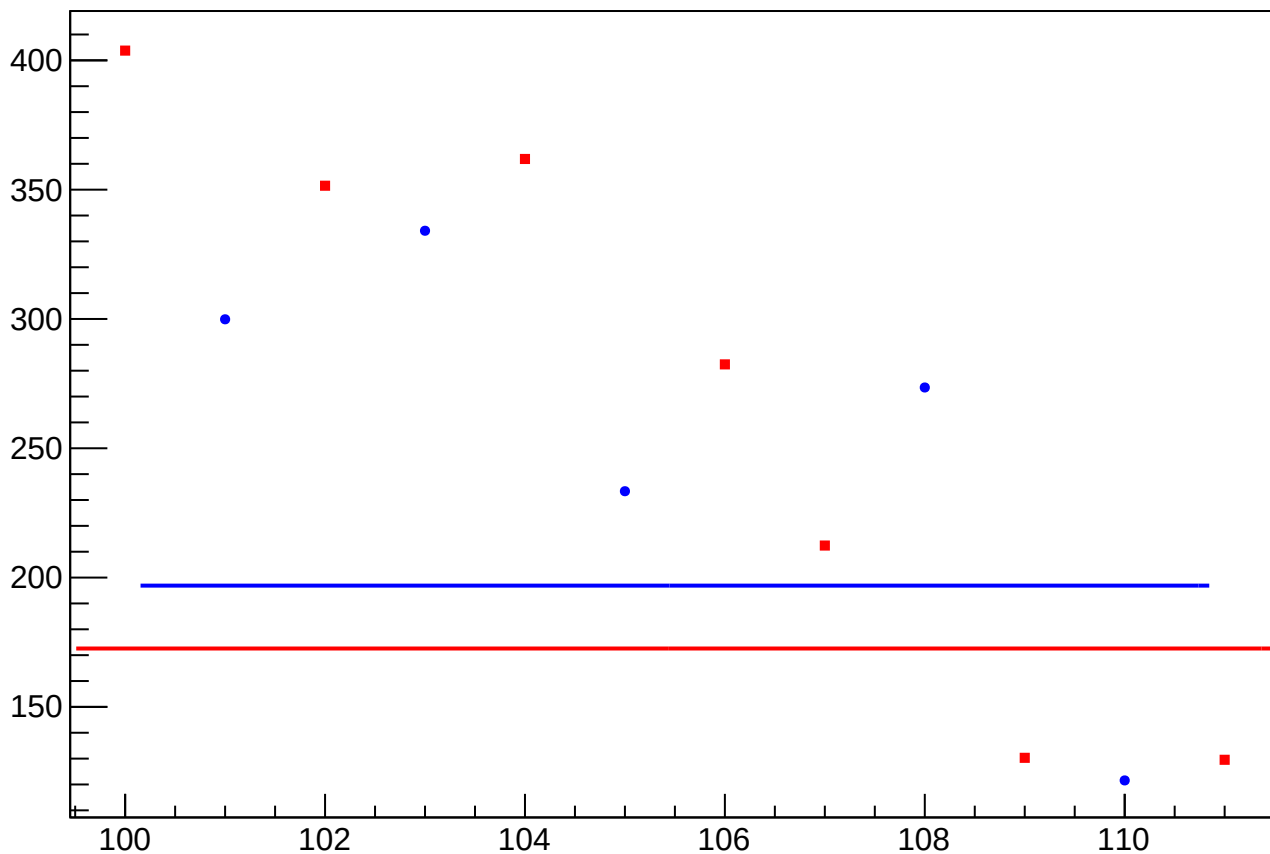
Right Out: 213.533 $\pm$ 117.726 χ^2 /NDF: 95.8/6

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

-1409.562 $\pm$ 159.310 χ^2 /NDF: 47.2/4

213.533 $\pm$ 117.726 χ^2 /NDF: 95.8/6

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

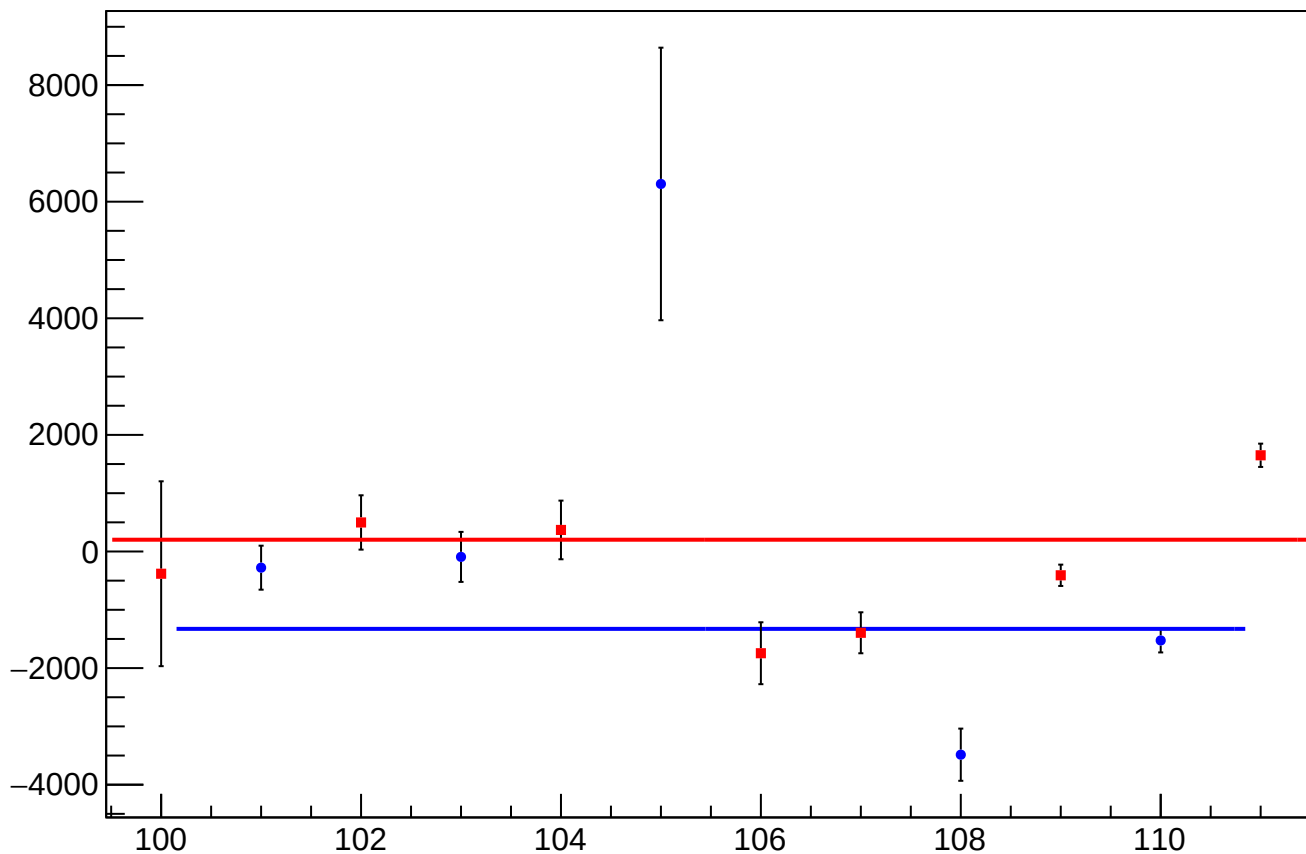
Right Out: 172.575+/-0.083 χ^2/NDF : 877227.2/6

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

196.891+/-0.113 χ^2/NDF : 642725.7/4

172.575+/-0.083 χ^2/NDF : 877227.2/6

asym_bpm0l08WS_mean vs slug



Right In: -1327.063 $\pm$ 155.568 χ^2 /NDF: 50.9/4

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

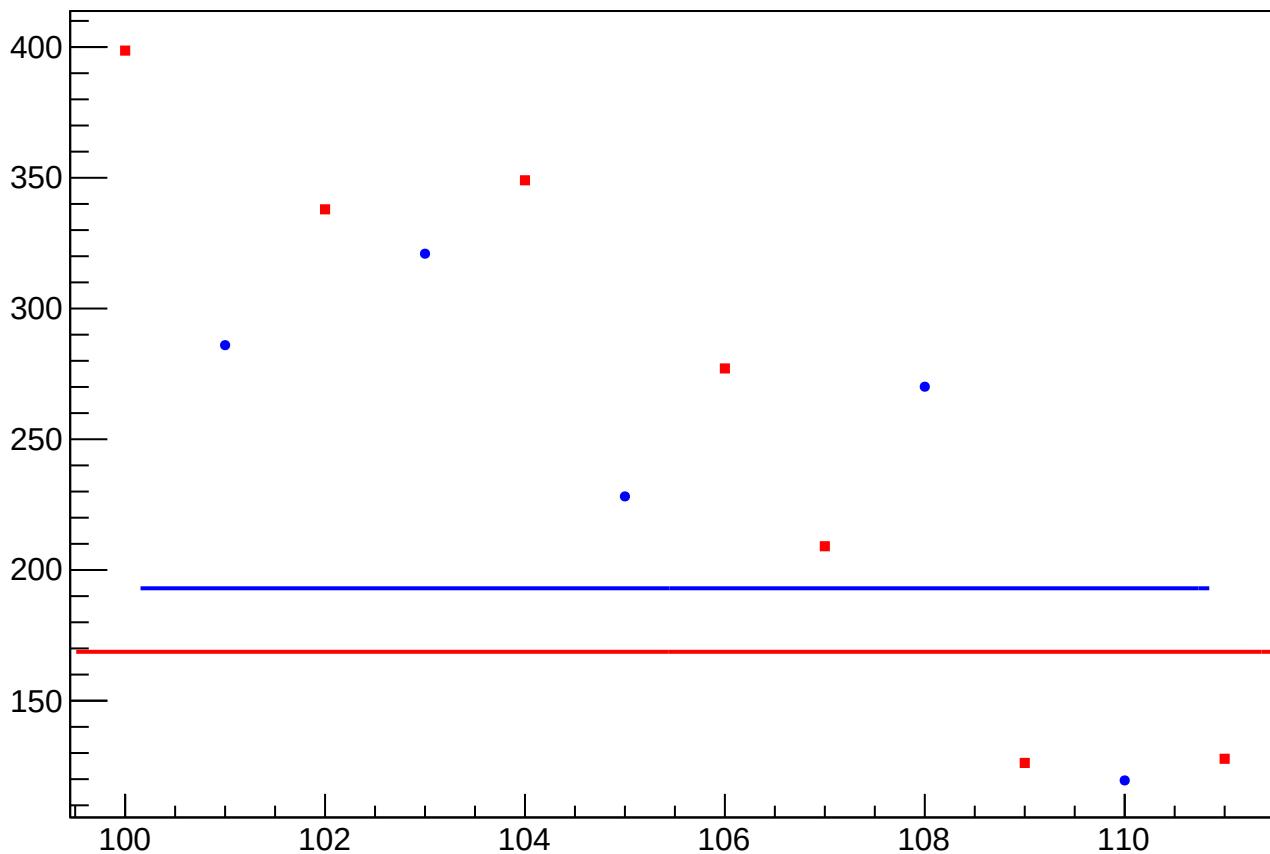
Right Out: 202.019 $\pm$ 115.056 χ^2 /NDF: 98.4/6

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

-1327.063 $\pm$ 155.568 χ^2 /NDF: 50.9/4

202.019 $\pm$ 115.056 χ^2 /NDF: 98.4/6

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

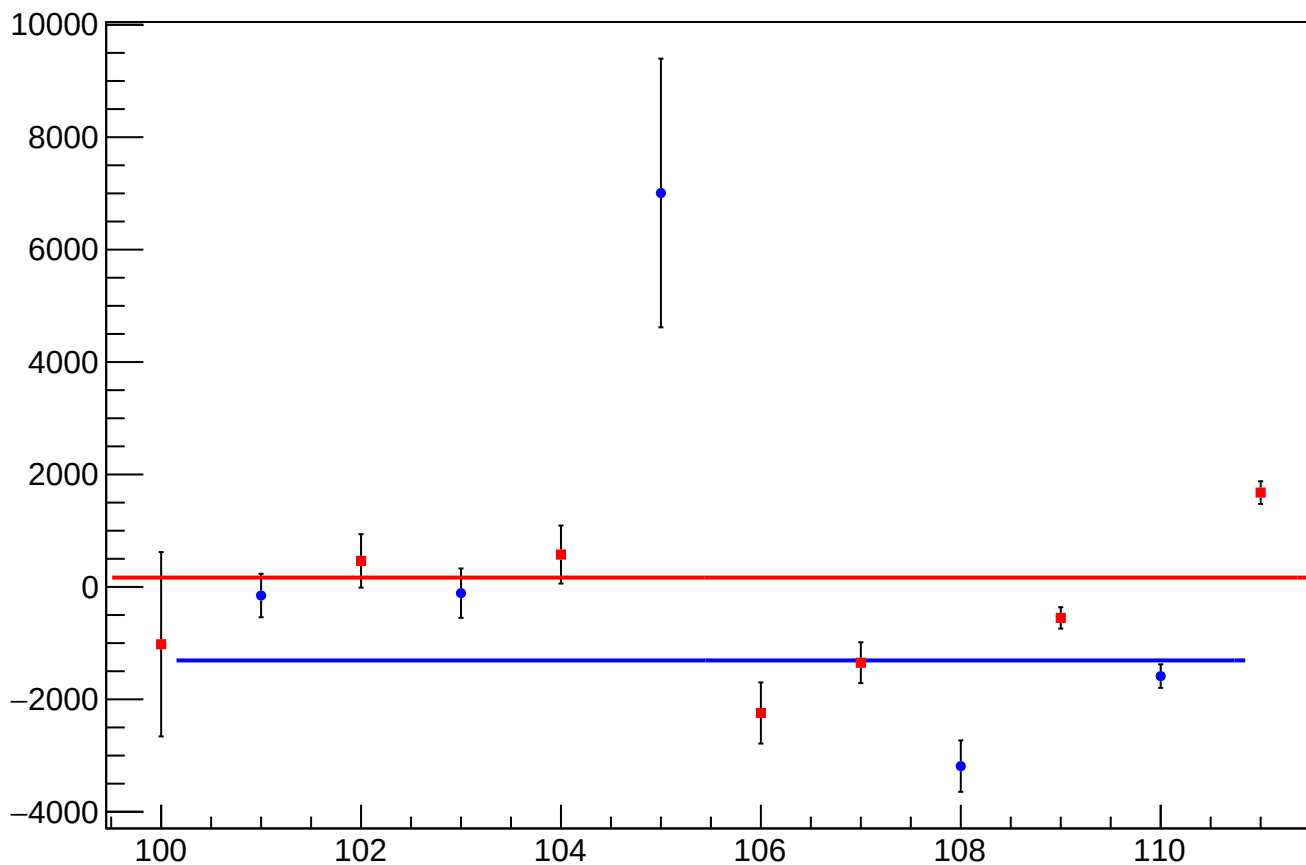
Right Out: 168.710+/-0.081 χ^2/NDF : 864574.6/6

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

193.004+/-0.110 χ^2/NDF : 615124.8/4

168.710+/-0.081 χ^2/NDF : 864574.6/6

asym_bpm0l09WS_mean vs slug



Right In: -1307.464+/-158.690 χ^2/NDF : 47.2/4

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

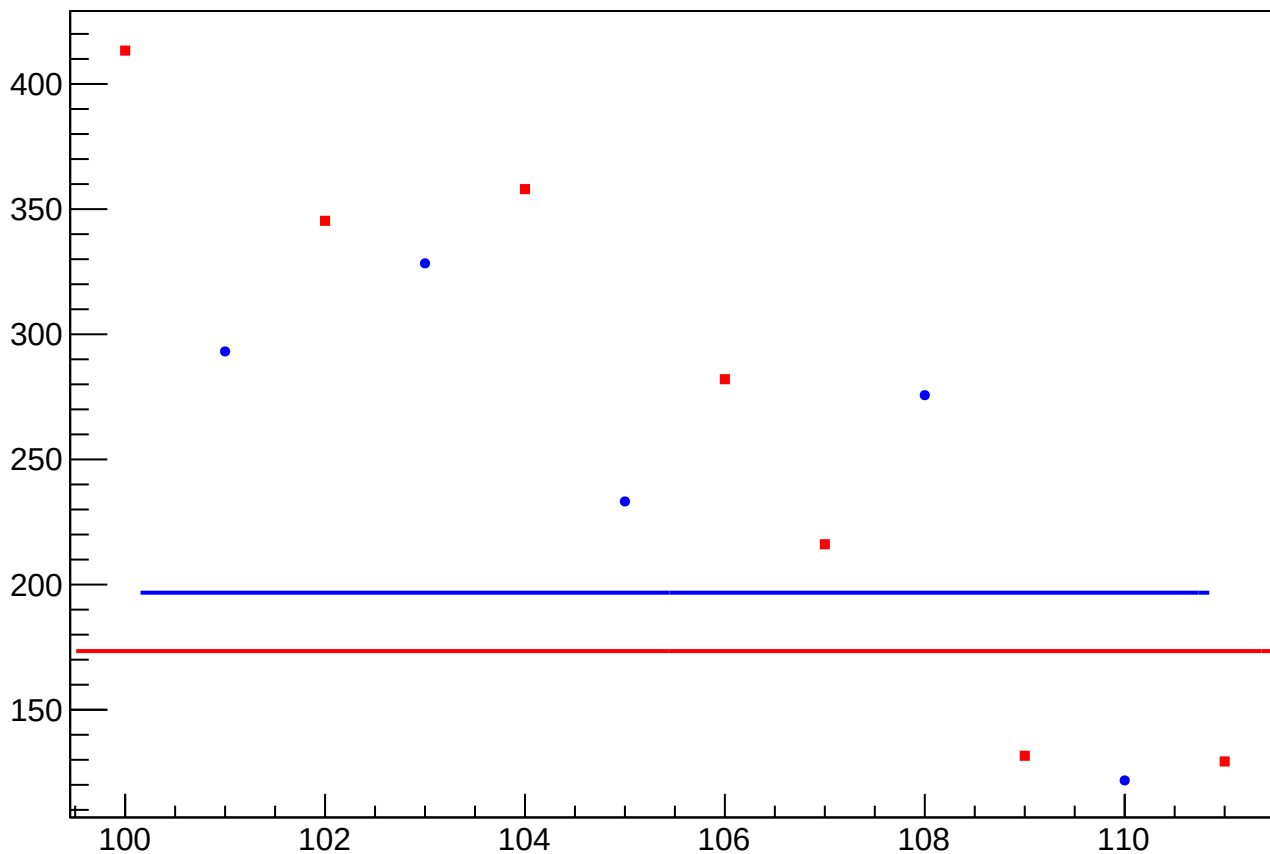
Right Out: 166.153+/-118.179 χ^2/NDF : 108.8/6

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

-1307.464+/-158.690 χ^2/NDF : 47.2/4

166.153+/-118.179 χ^2/NDF : 108.8/6

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

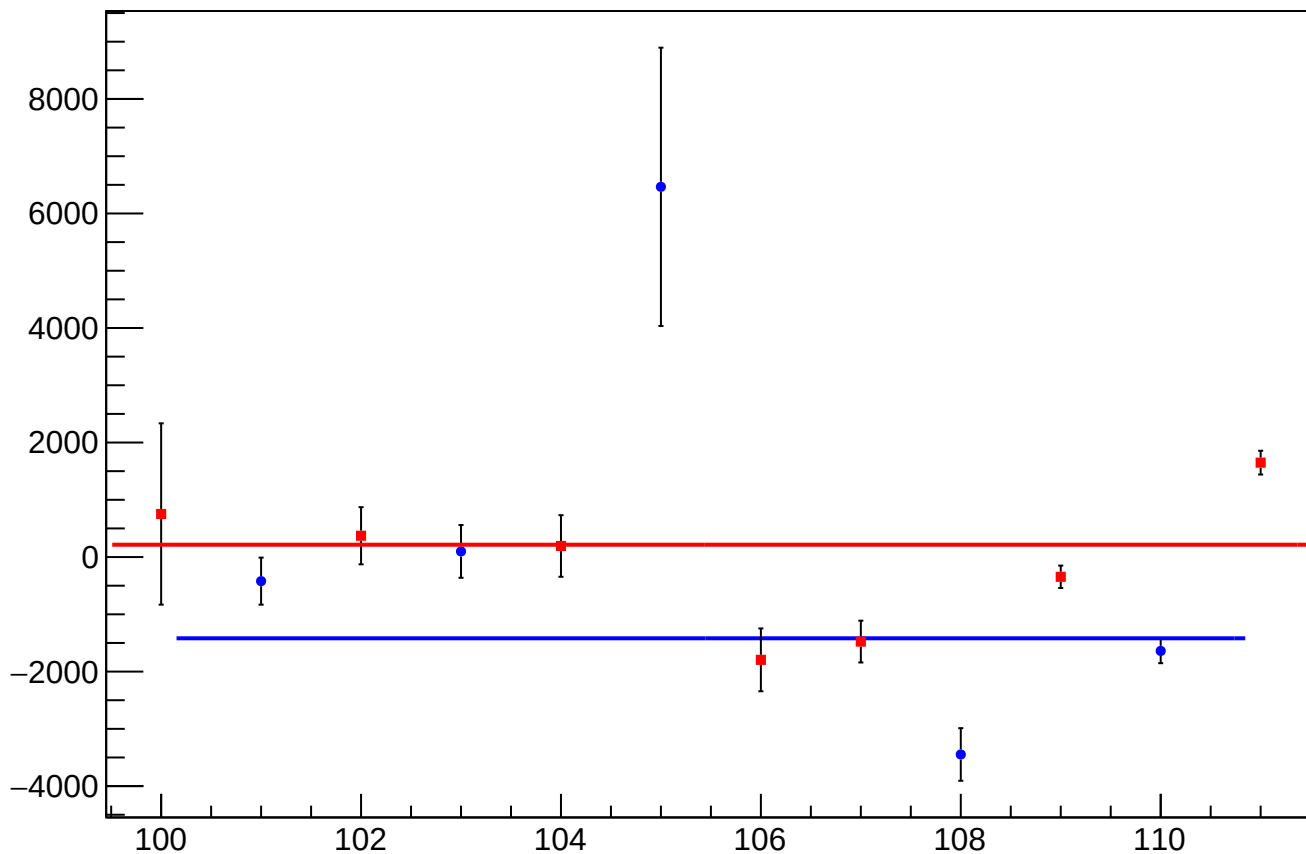
Right Out: 173.444+/-0.084 χ^2/NDF : 859326.2/6

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

196.767+/-0.112 χ^2/NDF : 621596.2/4

173.444+/-0.084 χ^2/NDF : 859326.2/6

asym_bpm0l10WS_mean vs slug



Right In: -1418.665+/-163.723 χ^2/NDF : 47.8/4

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

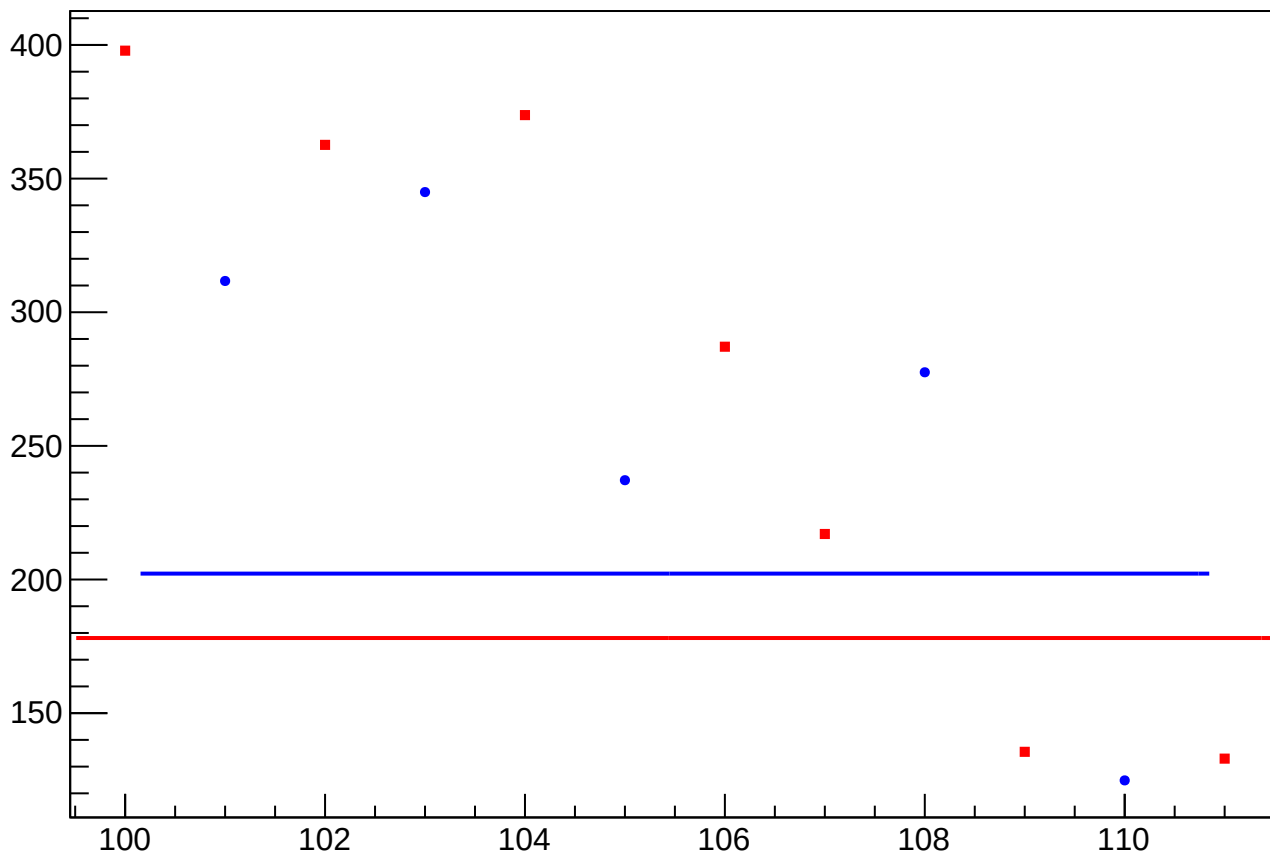
Right Out: 215.465+/-121.250 χ^2/NDF : 91.0/6

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

-1418.665+/-163.723 χ^2/NDF : 47.8/4

215.465+/-121.250 χ^2/NDF : 91.0/6

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

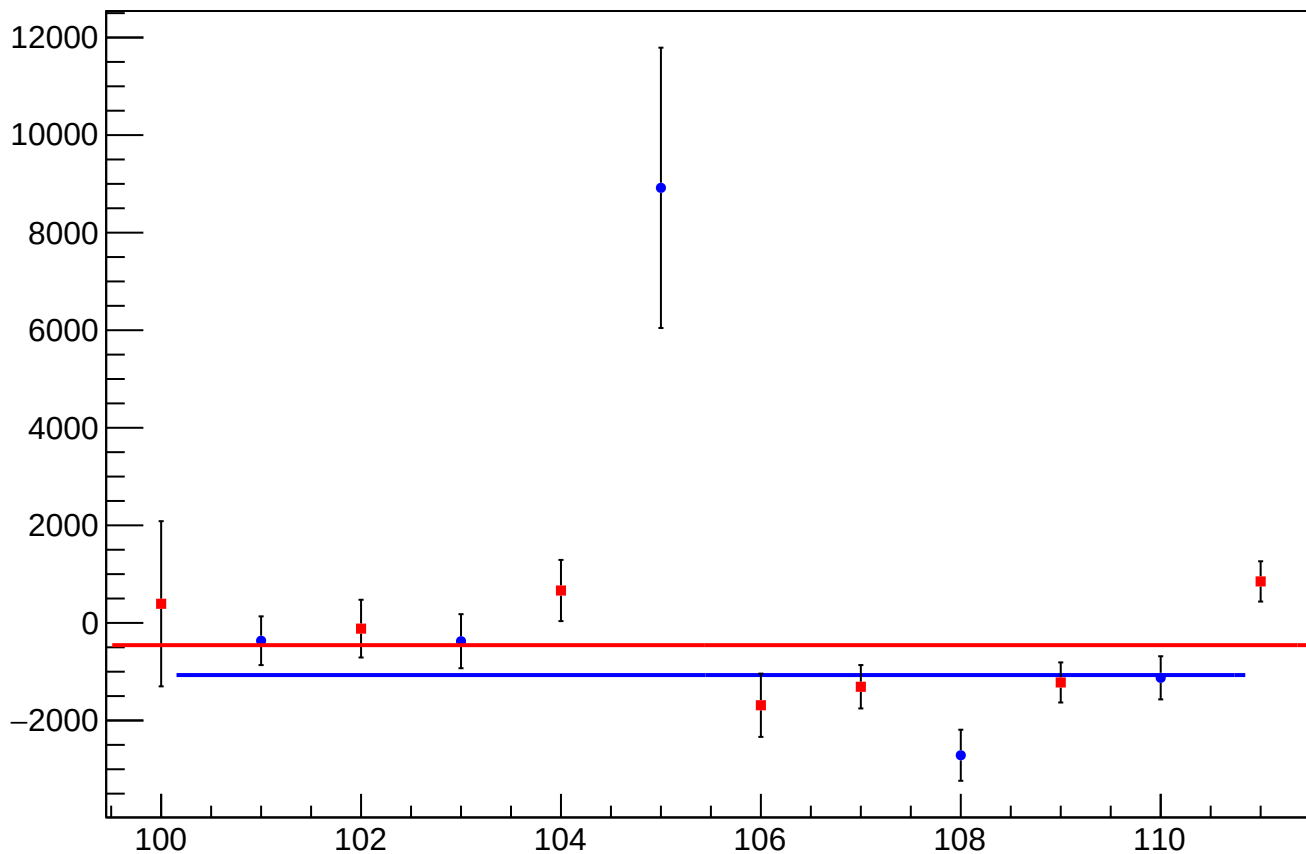
202.210+/-0.116 χ^2/NDF : 648809.1/4

Right Out: 178.112+/-0.086 χ^2/NDF : 867176.4/6

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

178.112+/-0.086 χ^2/NDF : 867176.4/6

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

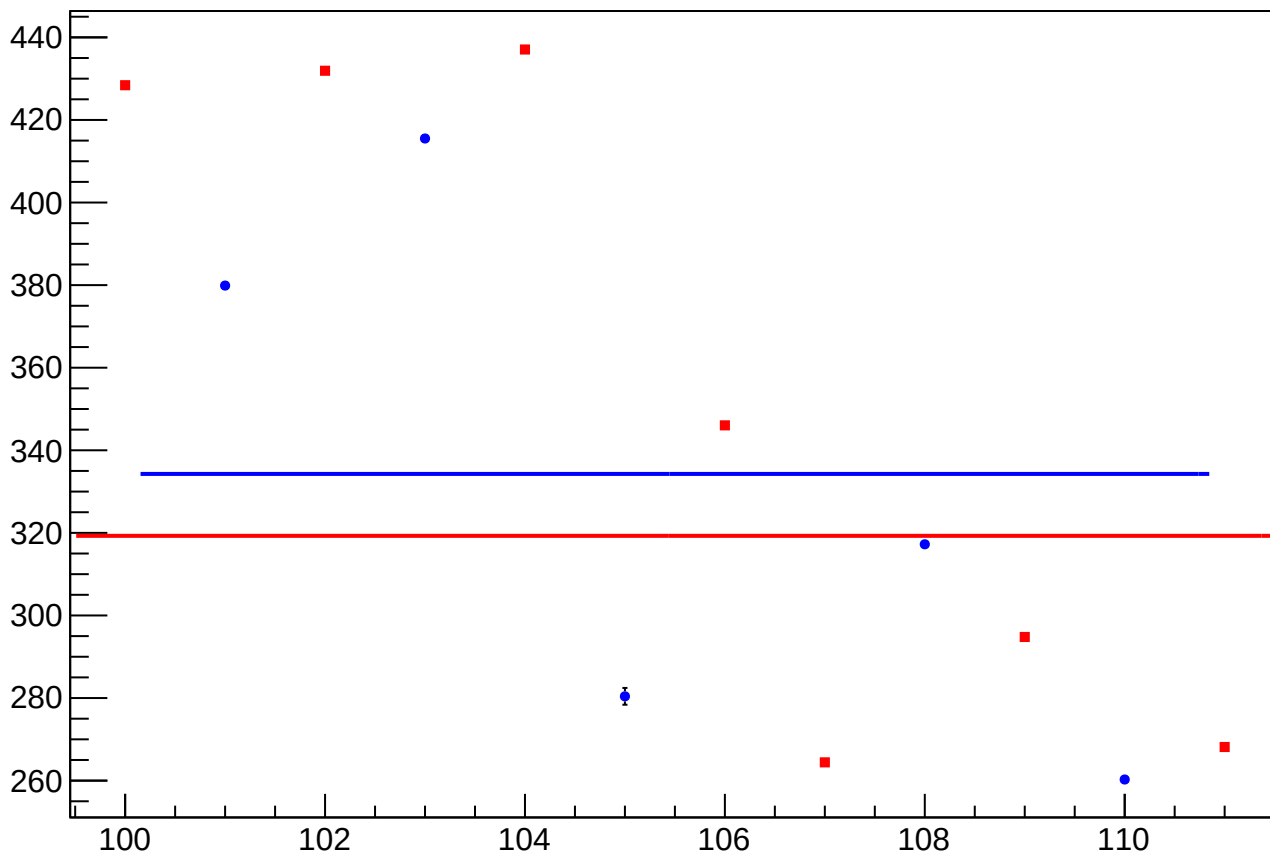
Right Out: -455.883 $\pm$ 200.160 χ^2 /NDF: 24.5/6

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

-1068.920 $\pm$ 248.824 χ^2 /NDF: 25.5/4

-455.883 $\pm$ 200.160 χ^2 /NDF: 24.5/6

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

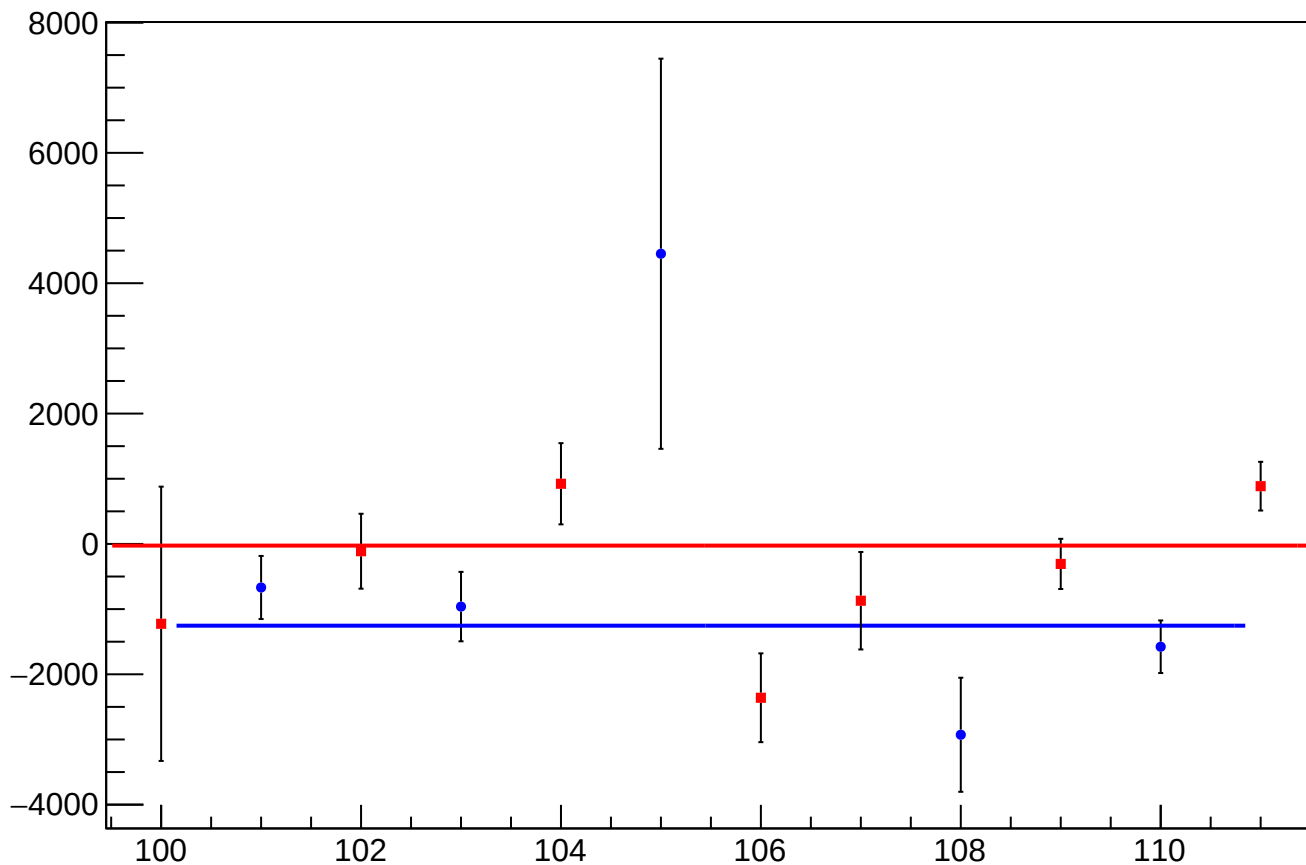
334.277 $\pm$ 0.176 χ^2 /NDF: 118530.5/4

Right Out: 319.285 $\pm$ 0.142 χ^2 /NDF: 222812.1/6

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

319.285 $\pm$ 0.142 χ^2 /NDF: 222812.1/6

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

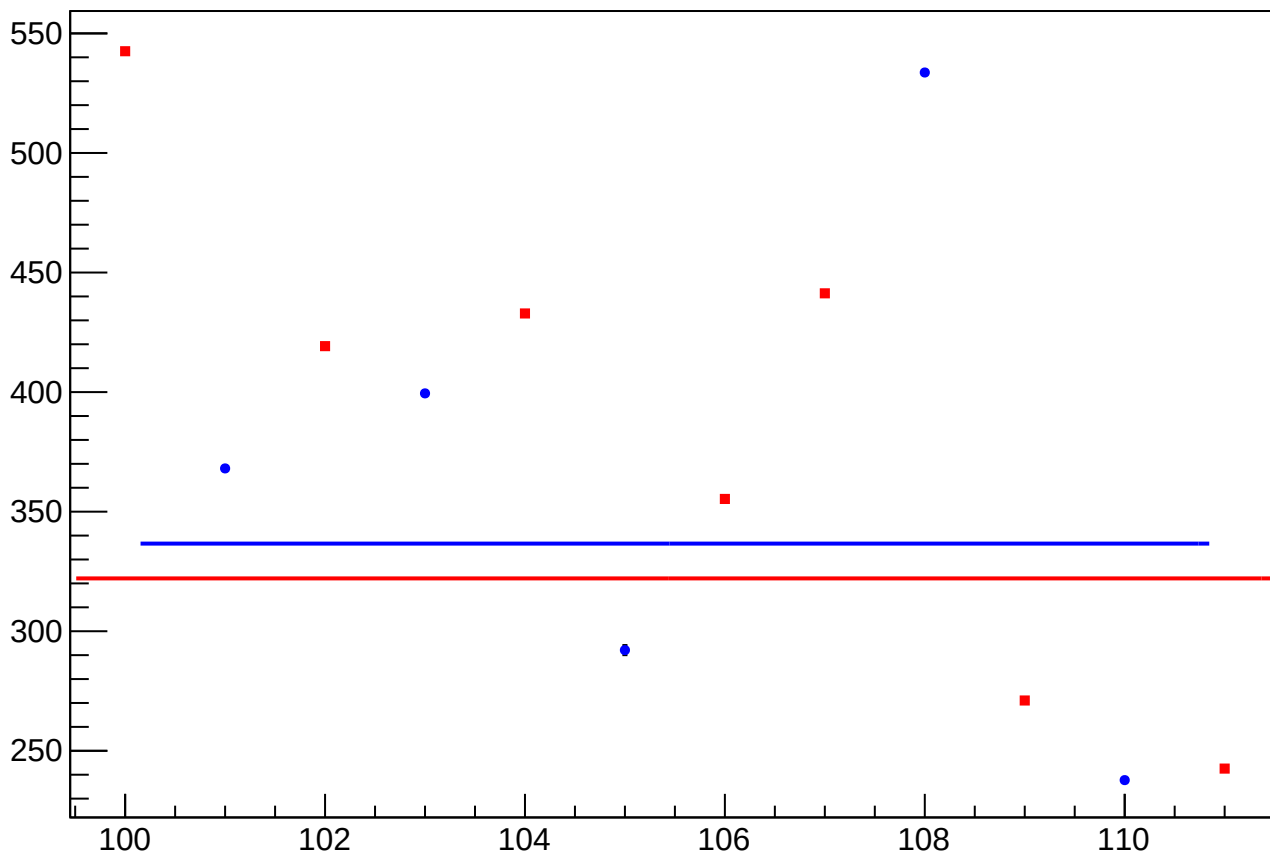
Right Out: -25.588 $\pm$ 205.493 χ^2 /NDF: 22.2/6

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

-1254.254 $\pm$ 255.158 χ^2 /NDF: 9.7/4

-25.588 $\pm$ 205.493 χ^2 /NDF: 22.2/6

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

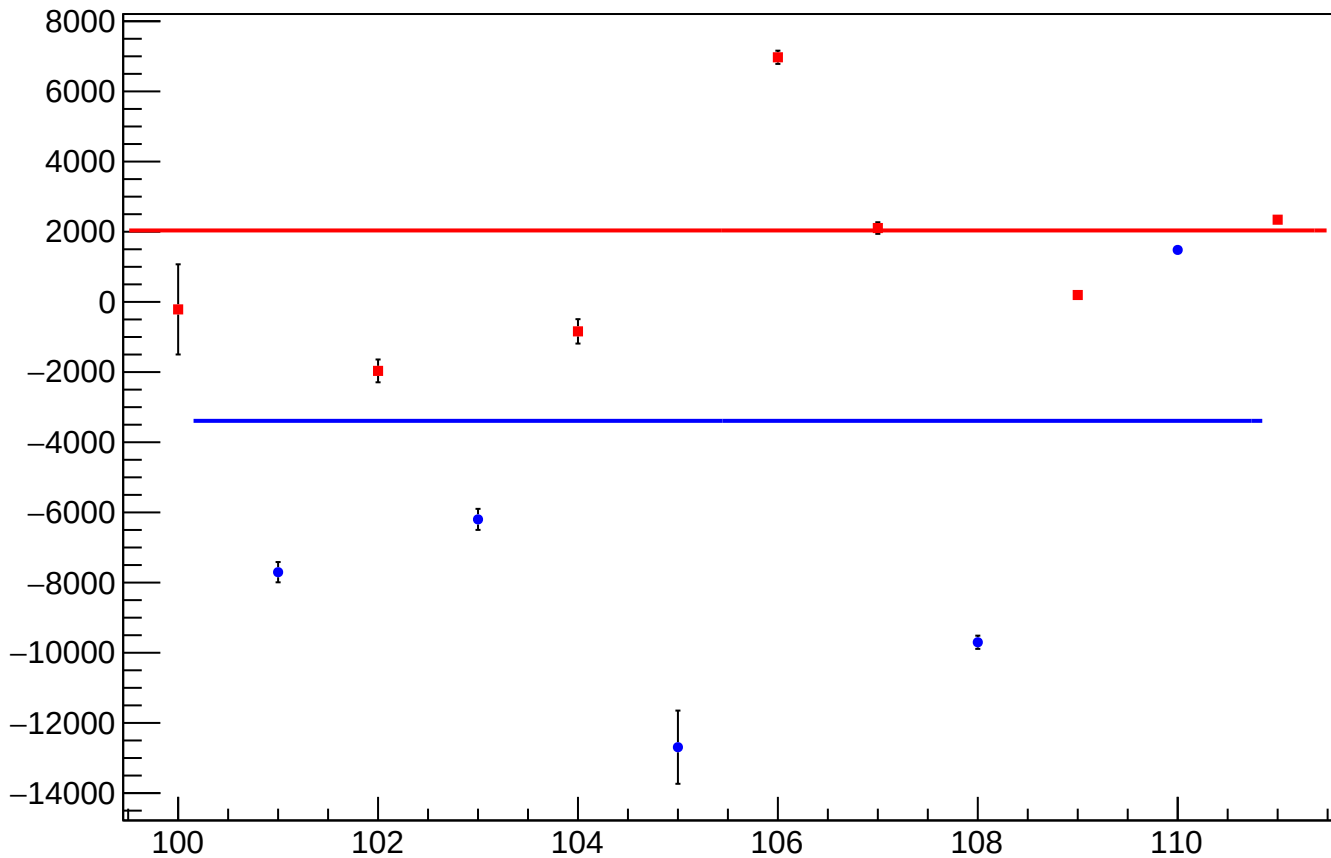
336.647 $\pm$ 0.180 χ^2 /NDF: 258352.1/4

Right Out: 322.091 $\pm$ 0.145 χ^2 /NDF: 323663.8/6

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

322.091 $\pm$ 0.145 χ^2 /NDF: 323663.8/6

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

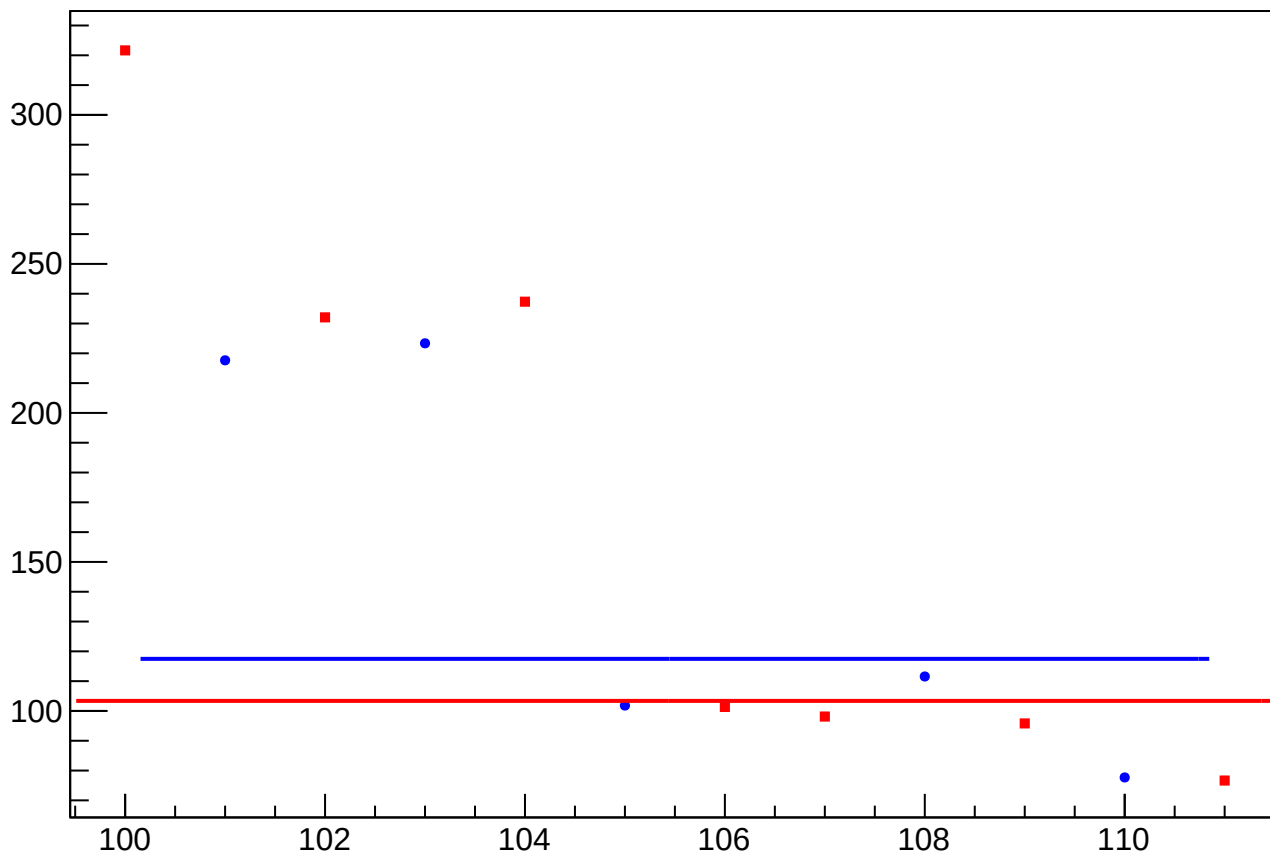
Right Out: 2036.644+/-69.994 χ^2/NDF : 1095.4/6

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

-3389.981+/-96.523 χ^2/NDF : 2820.2/4

2036.644+/-69.994 χ^2/NDF : 1095.4/6

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

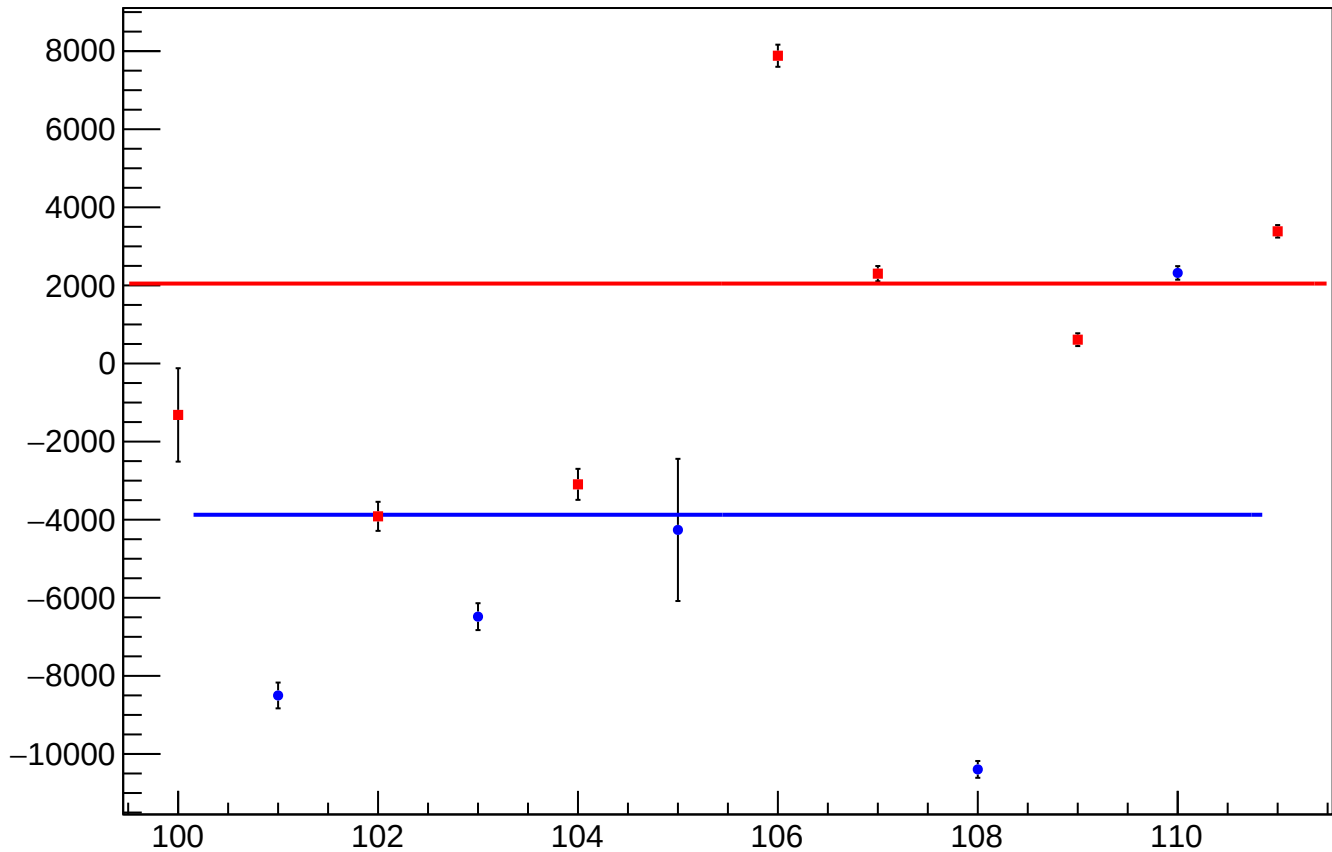
Right Out: 103.374 $\pm$ 0.049 χ^2 /NDF: 772328.2/6

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

117.480 $\pm$ 0.068 χ^2 /NDF: 666853.7/4

103.374 $\pm$ 0.049 χ^2 /NDF: 772328.2/6

asym_bpm1i06WS_mean vs slug



Right In: -3873.802 ± 117.326 χ^2/NDF : 2443.7/4

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

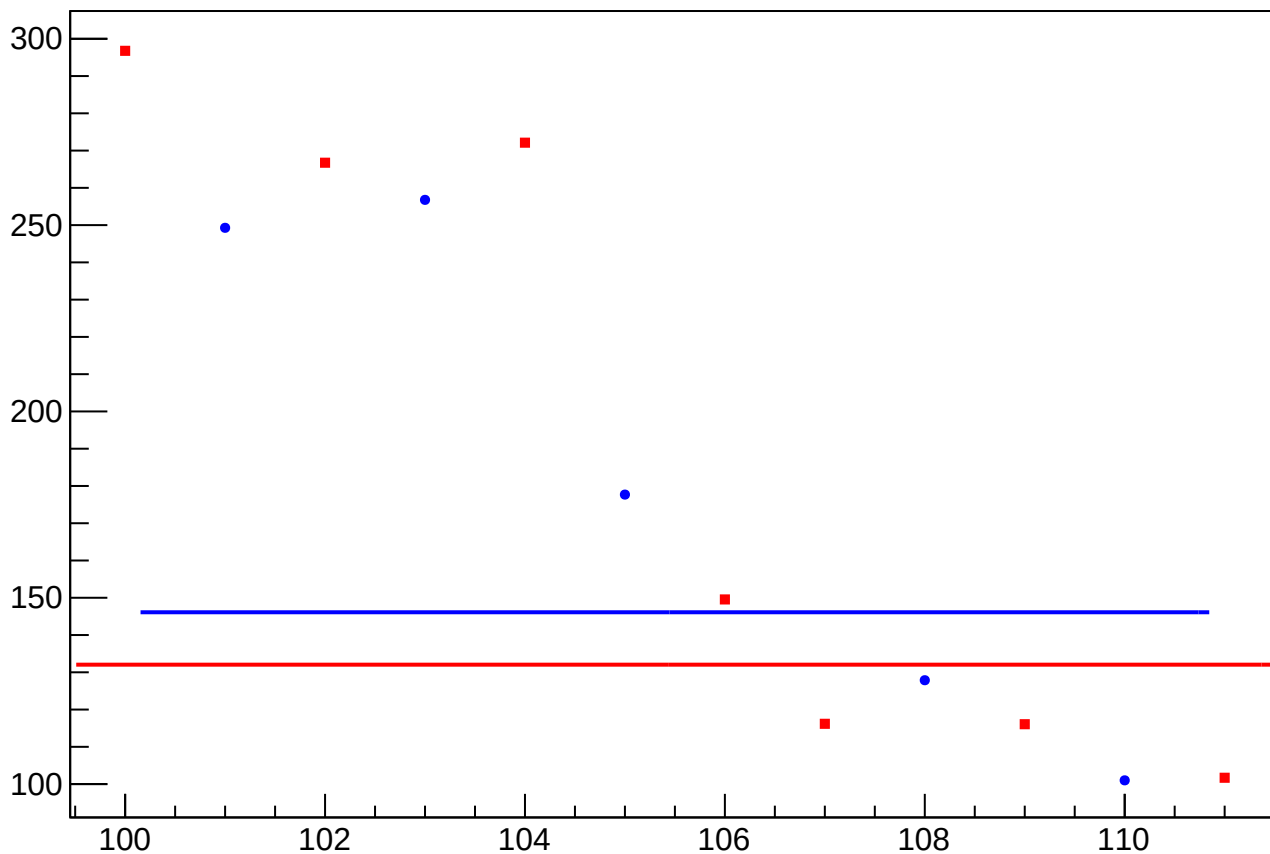
Right Out: 2047.246 ± 87.991 χ^2/NDF : 1004.9/6

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

-3873.802 ± 117.326 χ^2/NDF : 2443.7/4

2047.246 ± 87.991 χ^2/NDF : 1004.9/6

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

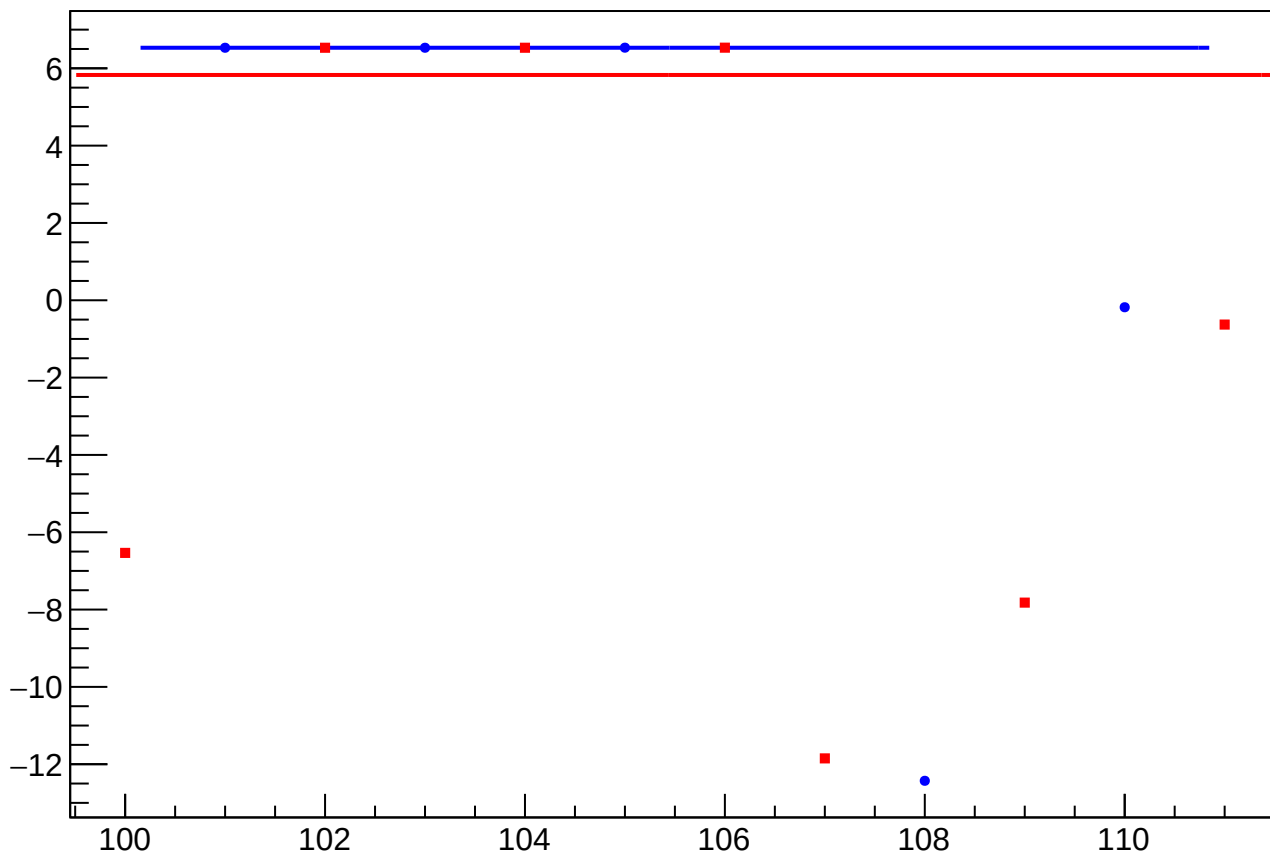
Right Out: 132.046+/-0.062 χ^2/NDF : 660773.2/6

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

146.108+/-0.083 χ^2/NDF : 551630.3/4

132.046+/-0.062 χ^2/NDF : 660773.2/6

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

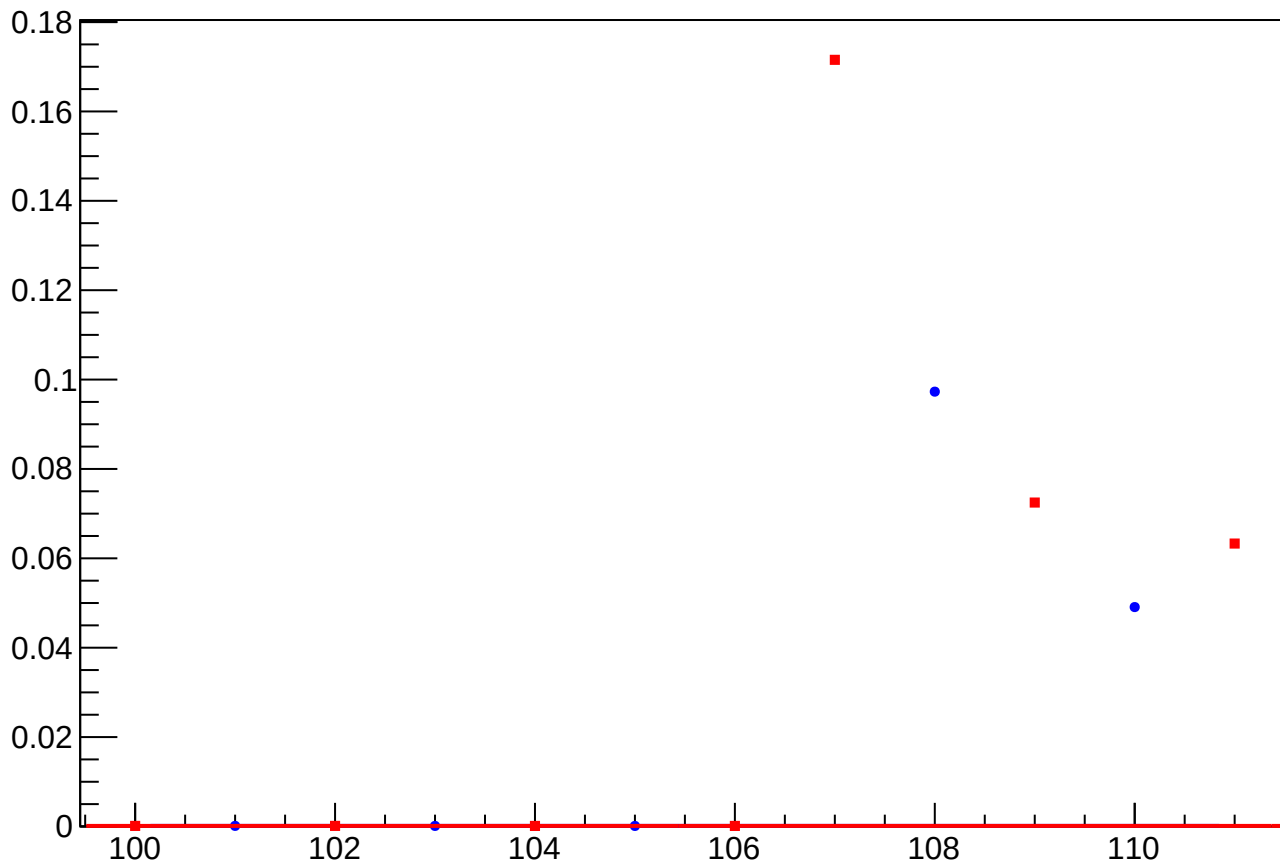
Right Out: 5.828 $\pm$ 0.000 χ^2 /NDF: 755857355944354.1/6

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

6.532 $\pm$ 0.000 χ^2 /NDF: 16138070889.1/4

5.828 $\pm$ 0.000 χ^2 /NDF: 755857355944354.1/6

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

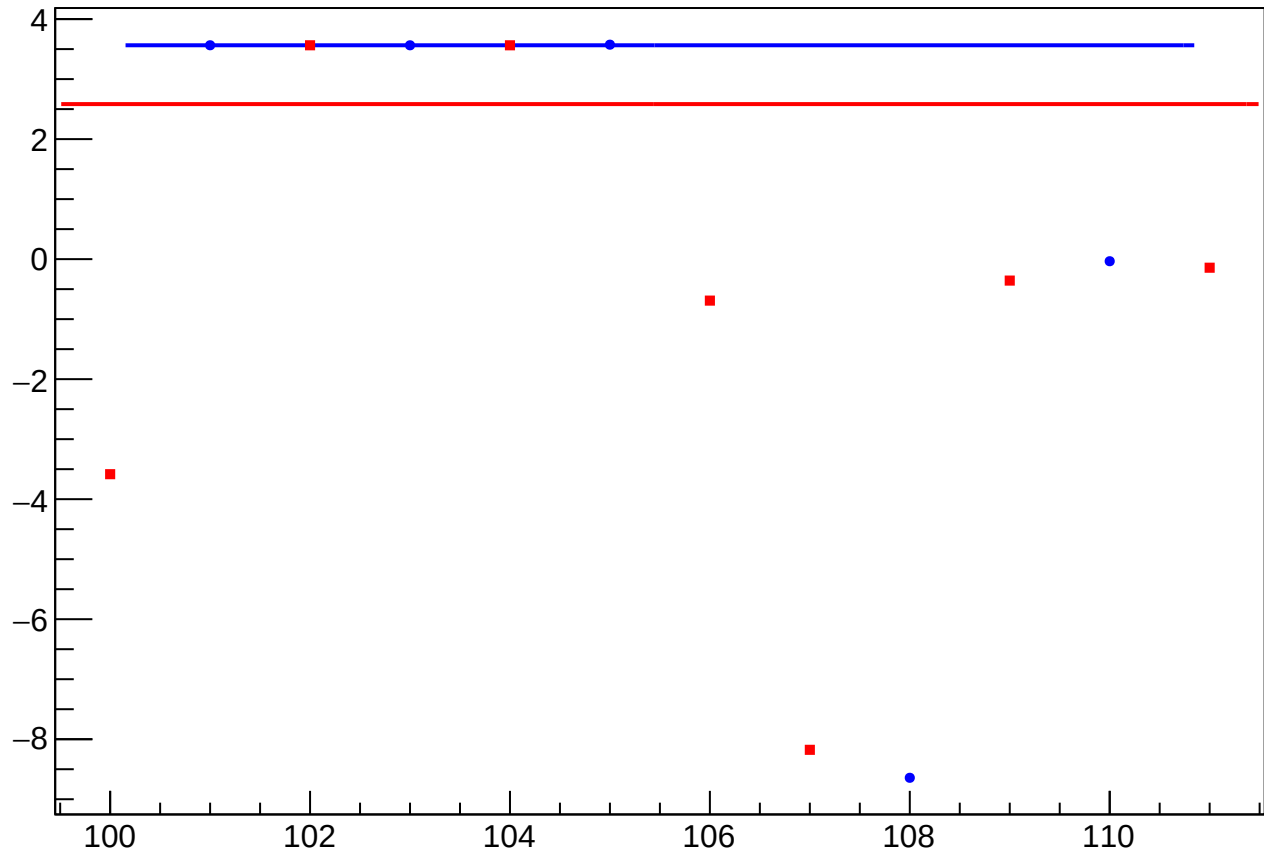
Right Out: 0.000+/-0.000 χ^2/NDF : 1931382.9/6

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 : 1931382.9/6

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

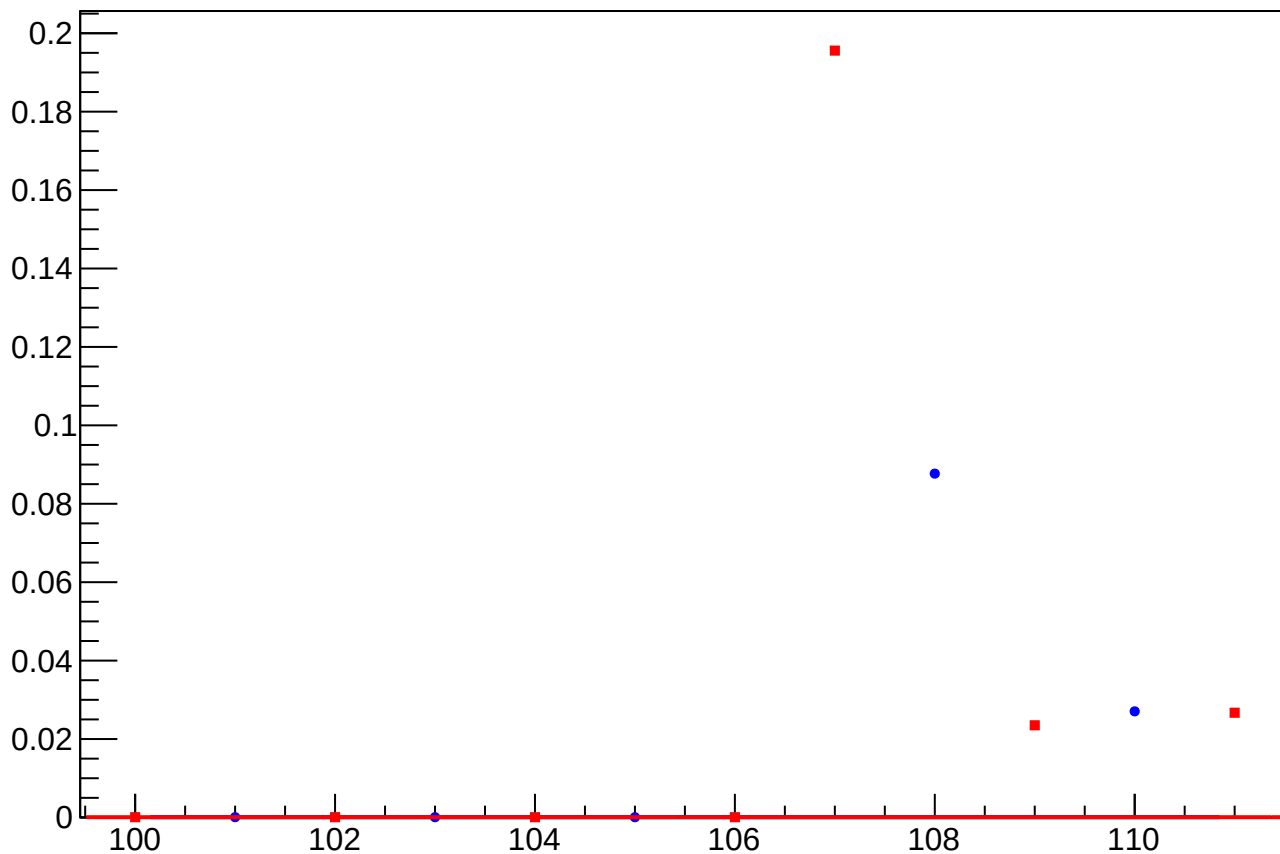
Right Out: 2.584+/-0.000 χ^2/NDF : 1253247675065297.2/6

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 : 1253247675065297.2/6

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

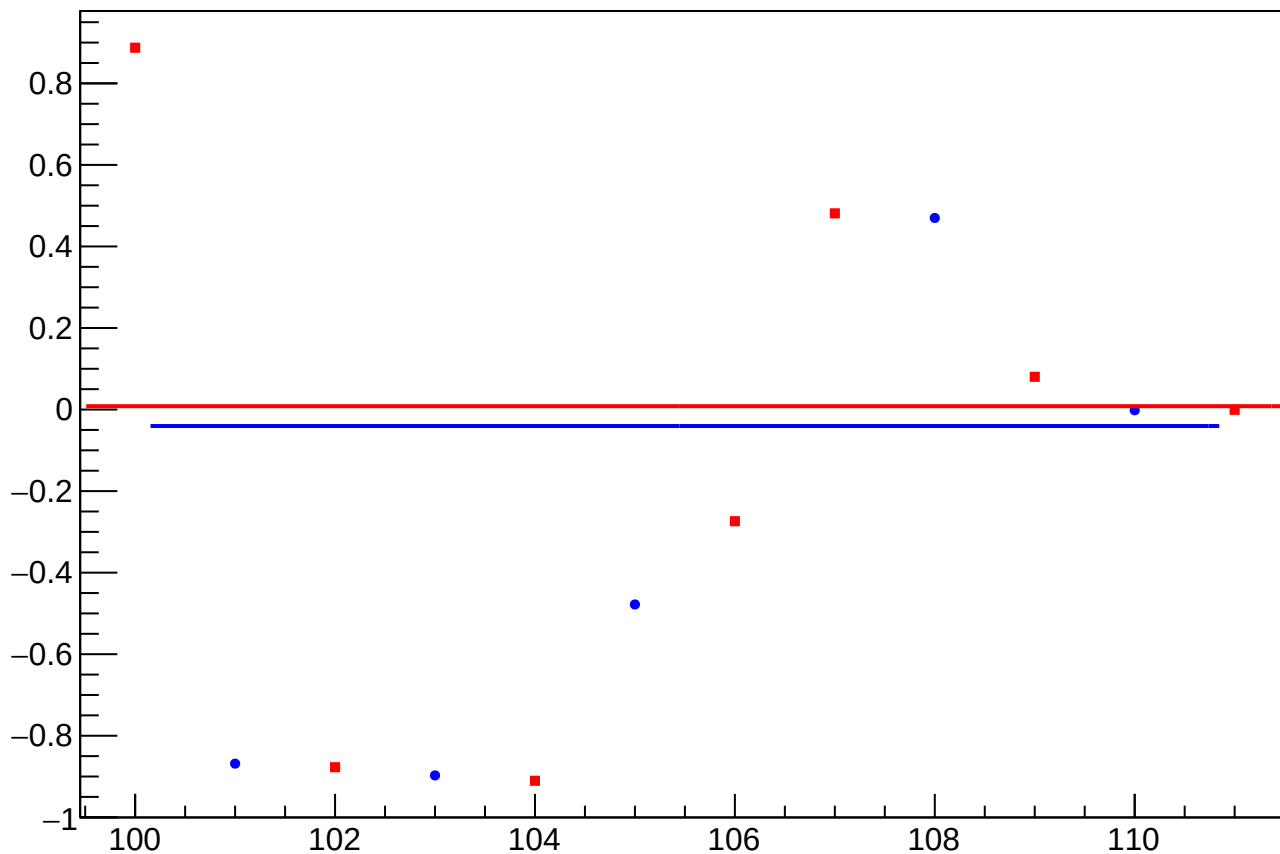
Right Out: 0.000+/-0.000 χ^2/NDF : 1820071.4/6

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 : 1820071.4/6

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

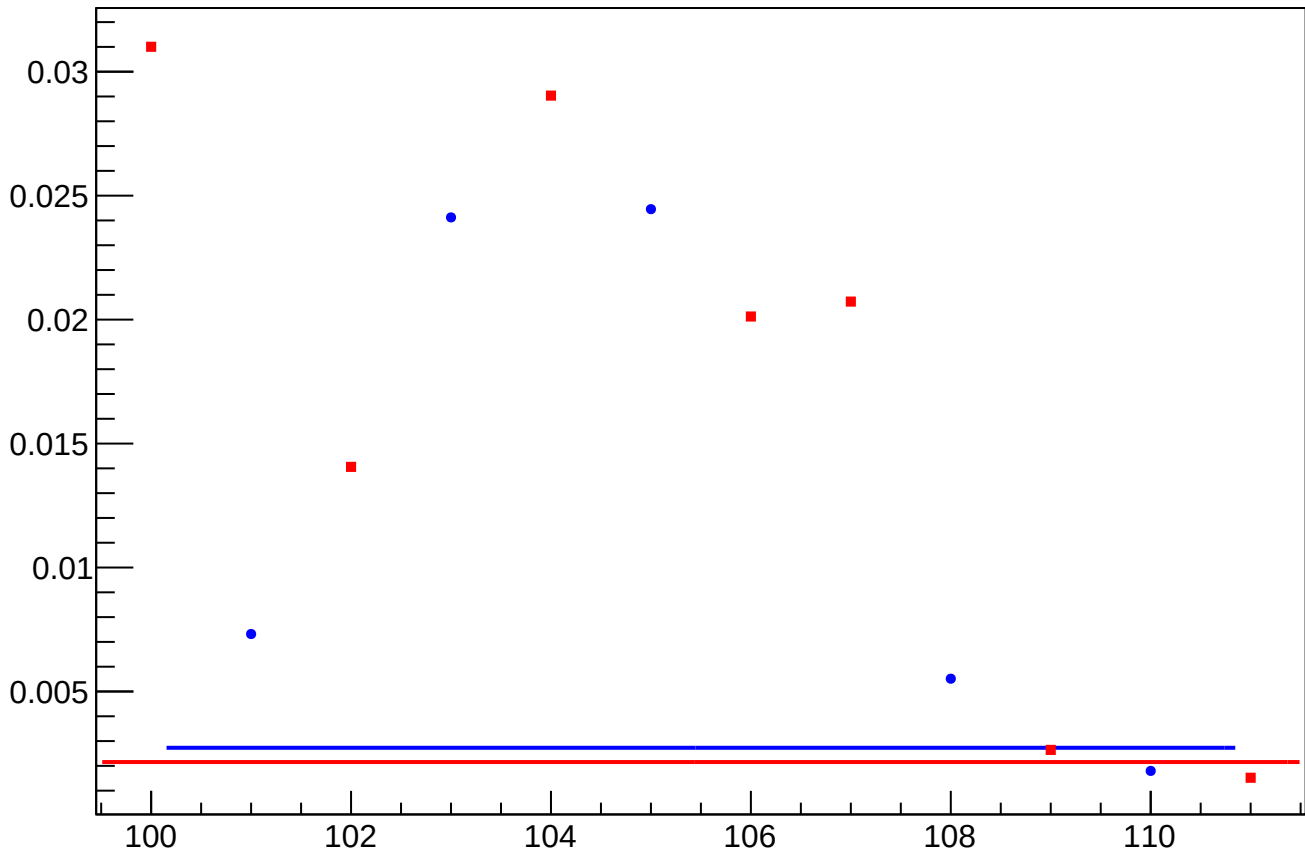
Right Out: 0.008+/-0.000 χ^2/NDF : 3028263025.7/6

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

-0.040+/-0.000 χ^2/NDF : 9622987101.7/4

0.008+/-0.000 χ^2/NDF : 3028263025.7/6

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

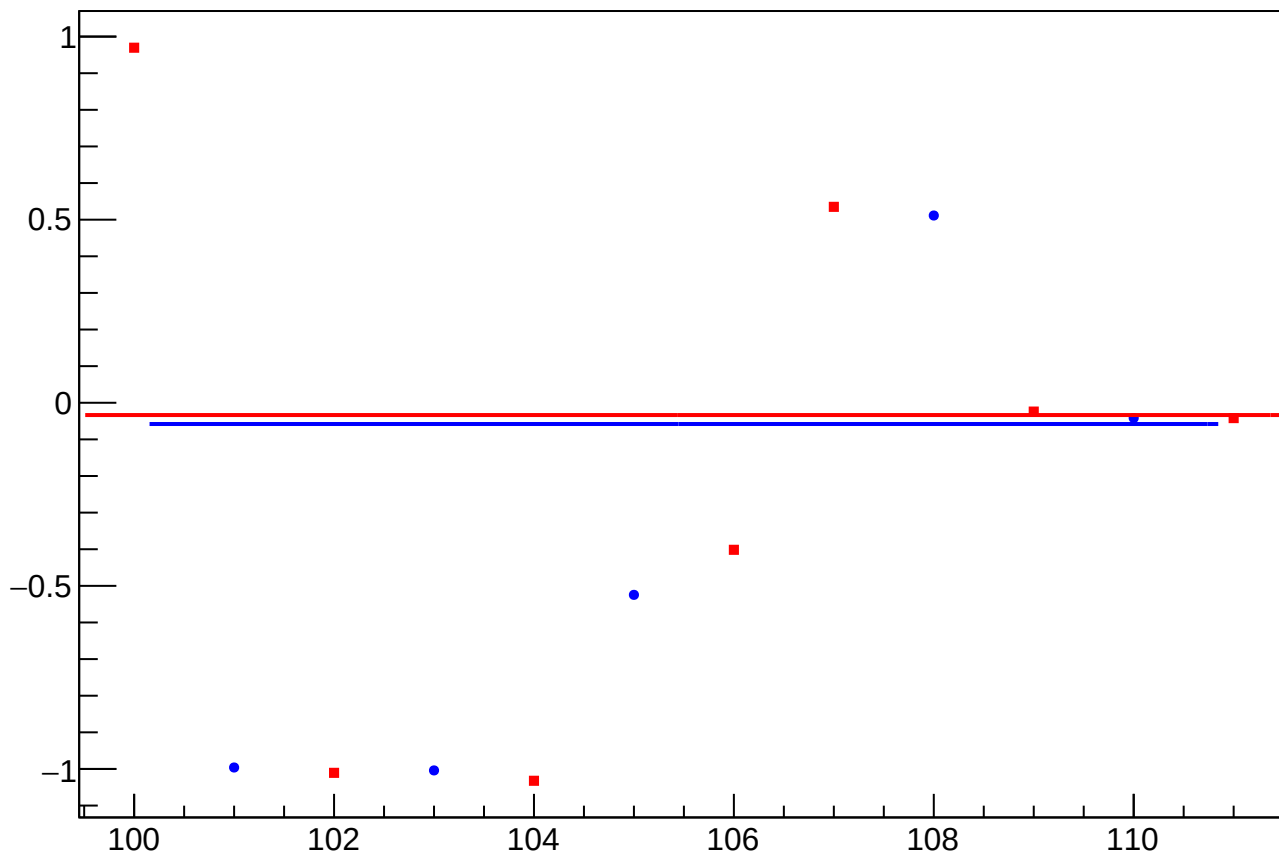
0.003+/-0.000 χ^2/NDF : 1451136.9/4

Right Out: 0.002+/-0.000 χ^2/NDF : 2653107.2/6

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

0.002+/-0.000 χ^2/NDF : 2653107.2/6

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

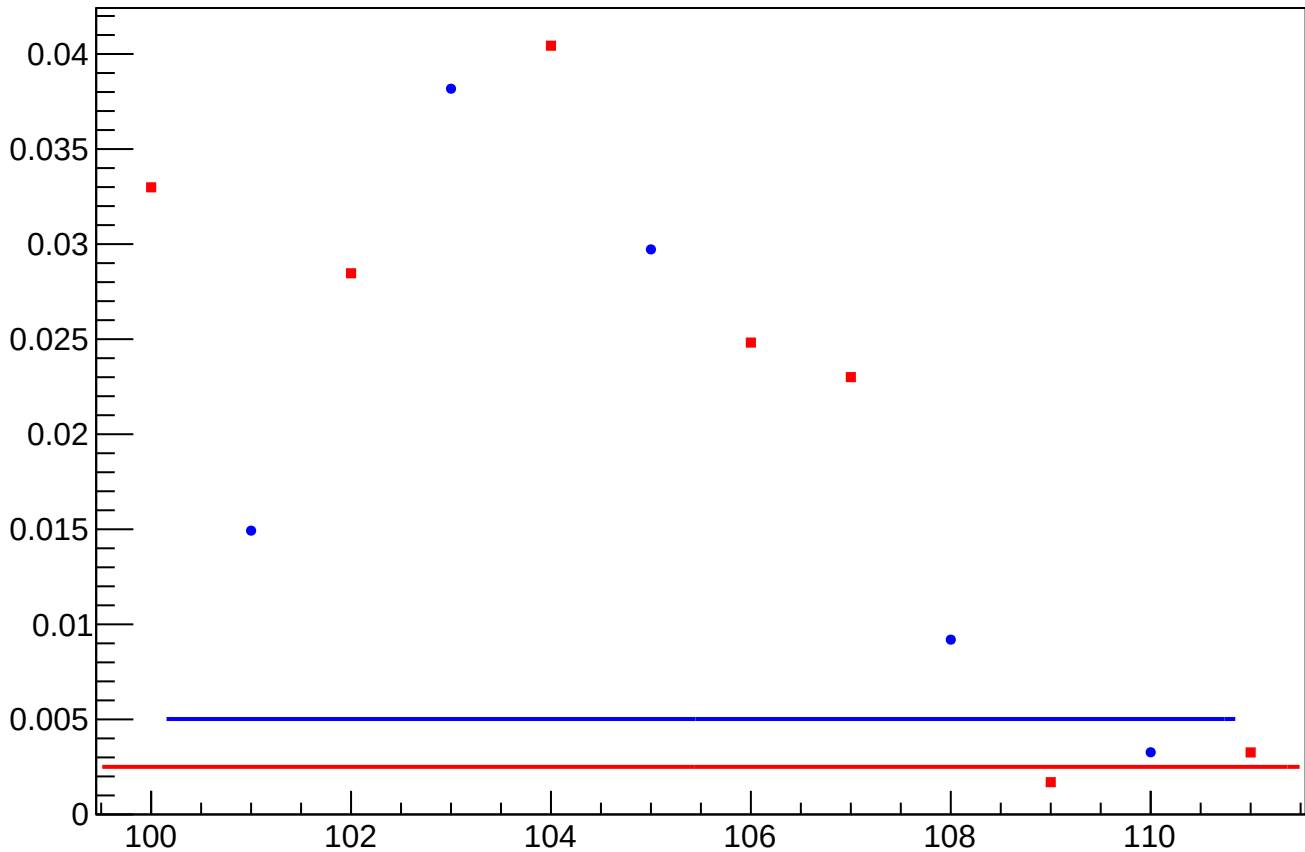
Right Out: -0.034+/-0.000 χ^2/NDF : 1190886882.3/6

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

-0.058+/-0.000 χ^2/NDF : 3465286603.9/4

-0.034+/-0.000 χ^2/NDF : 1190886882.3/6

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

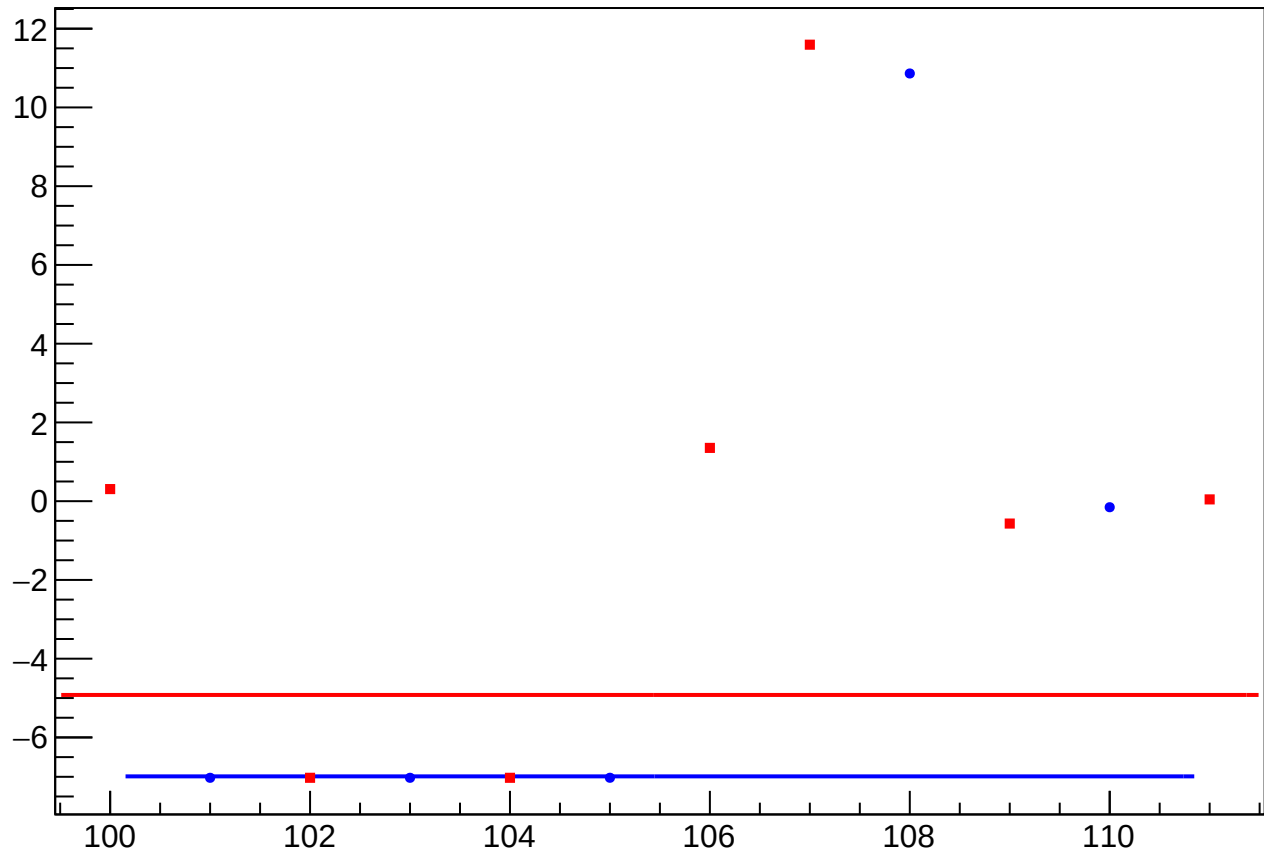
0.005+/-0.000 χ^2/NDF : 1585997.0/4

Right Out: 0.003+/-0.000 χ^2/NDF : 2823801.7/6

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

0.003+/-0.000 χ^2/NDF : 2823801.7/6

yield_cav4dX_mean vs slug



Right In: -6.989+/-0.000 χ^2/NDF : 6374680952144.2/4

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

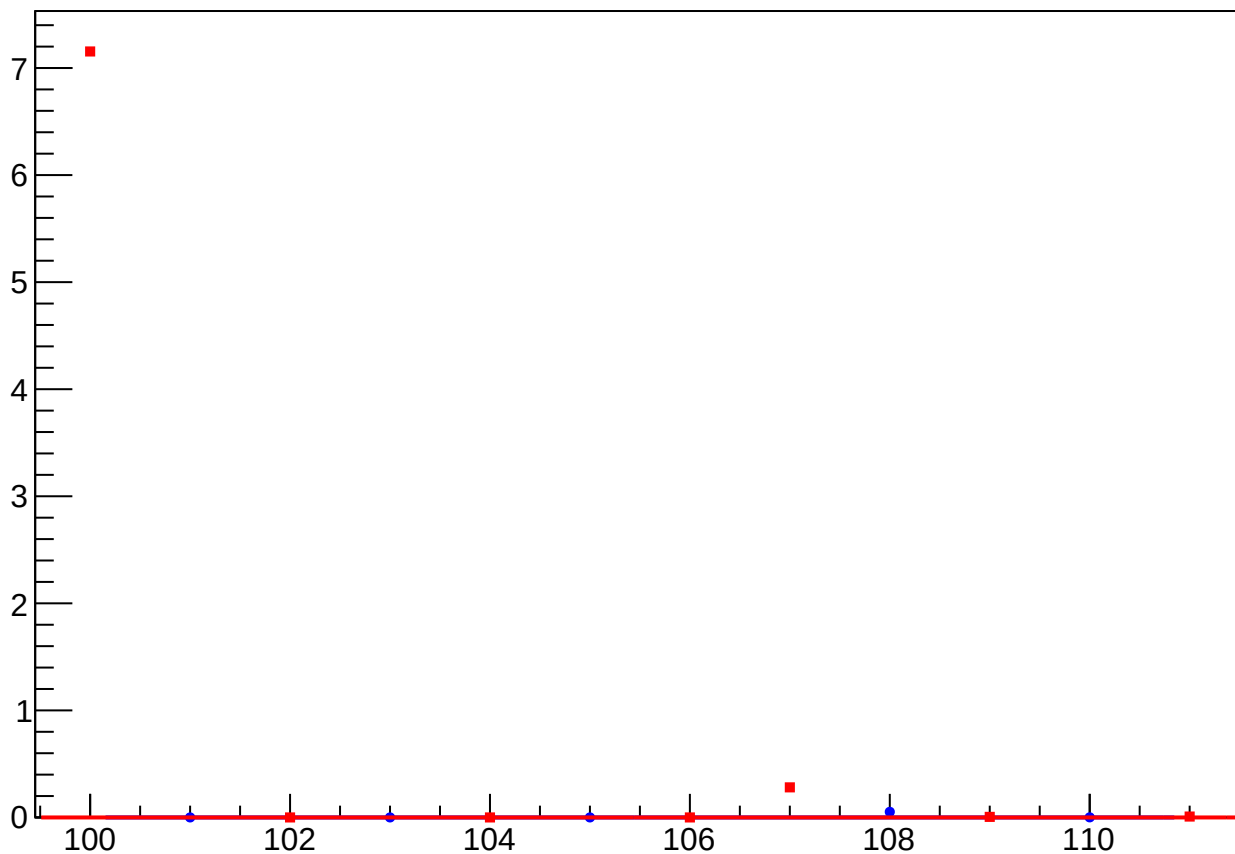
Right Out: -4.921+/-0.000 χ^2/NDF : 364338964581128.6/6

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

-6.989+/-0.000 χ^2/NDF : 6374680952144.2/4

-4.921+/-0.000 χ^2/NDF : 364338964581128.6/6

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

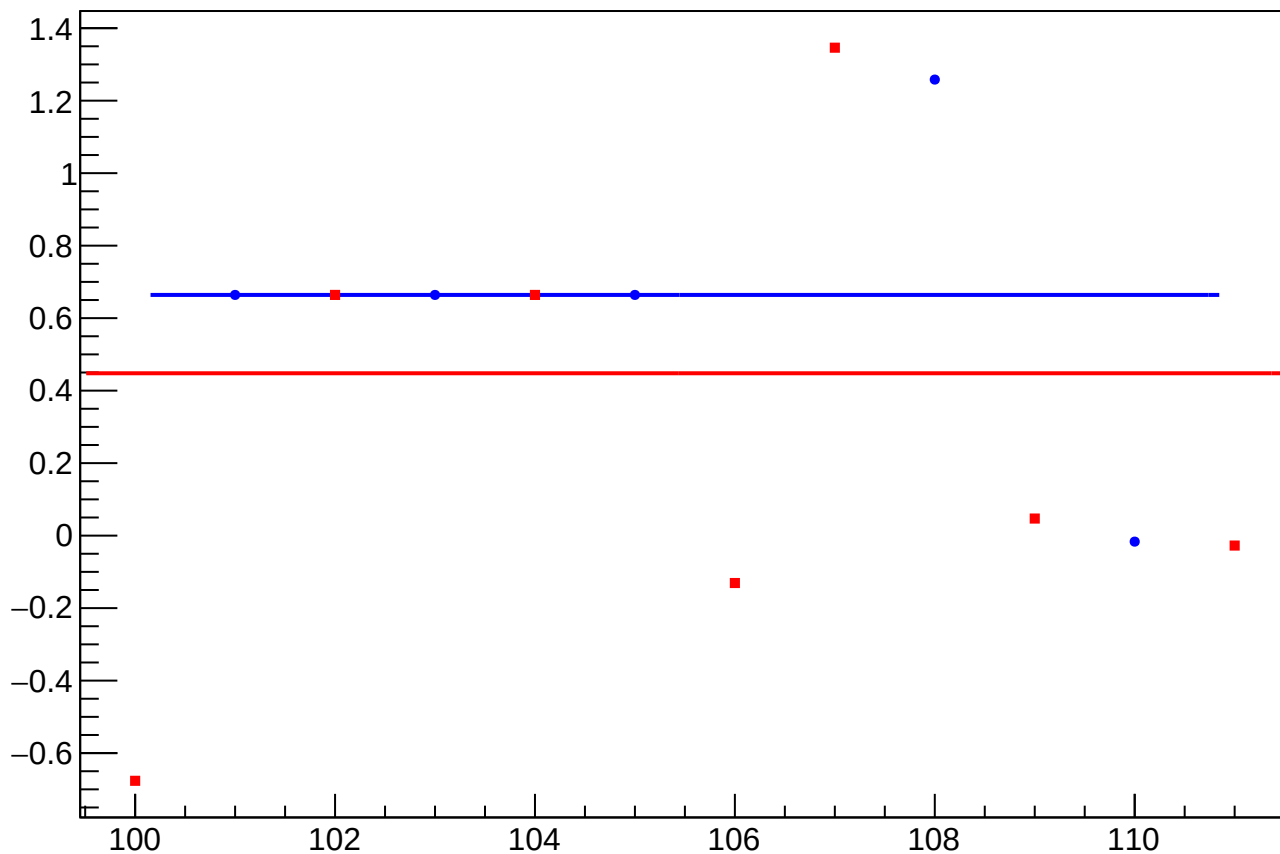
Right Out: 0.000+/-0.000 χ^2/NDF : 1748318.8/6

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 : 1748318.8/6

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

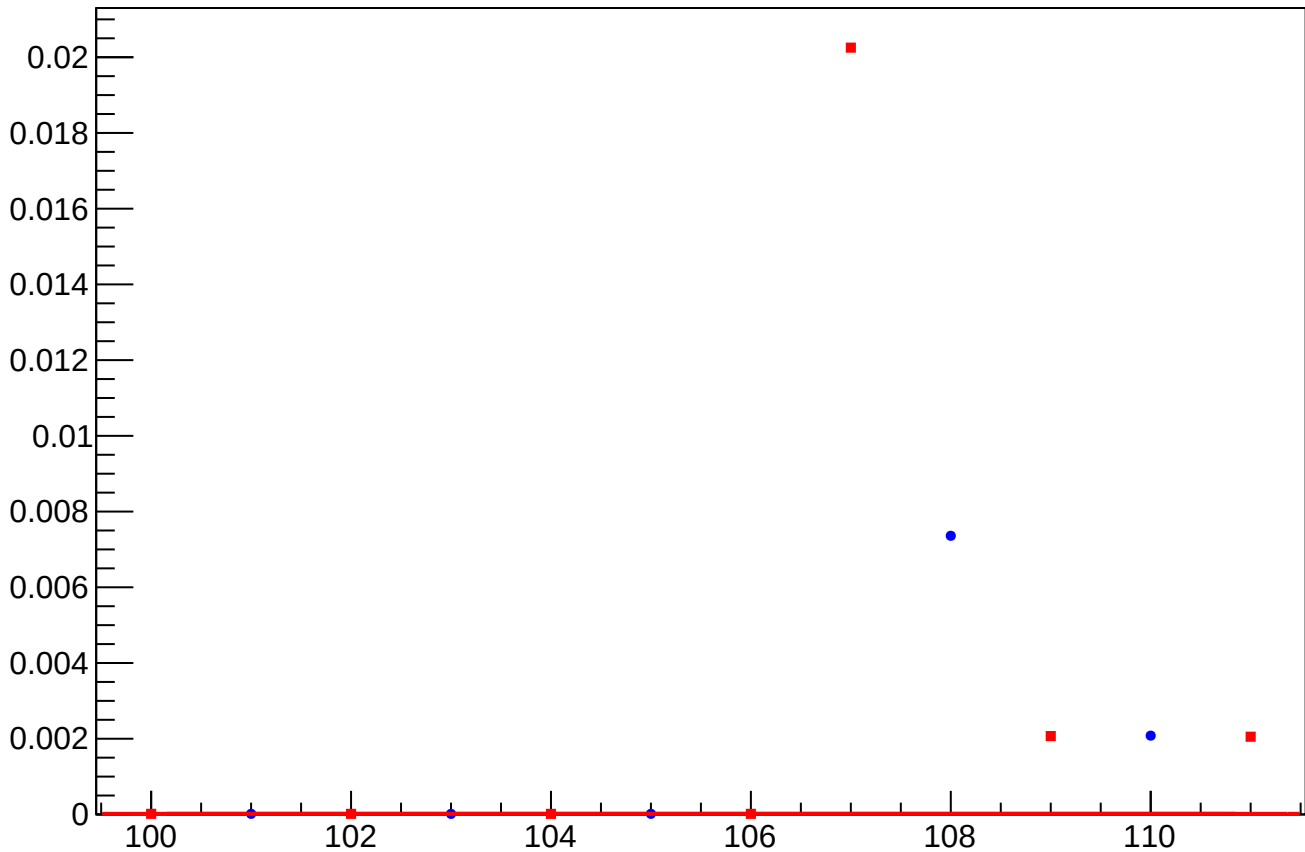
Right Out: 0.448+/-0.000 χ^2/NDF : 402894775663521.4/6

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 : 402894775663521.4/6

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

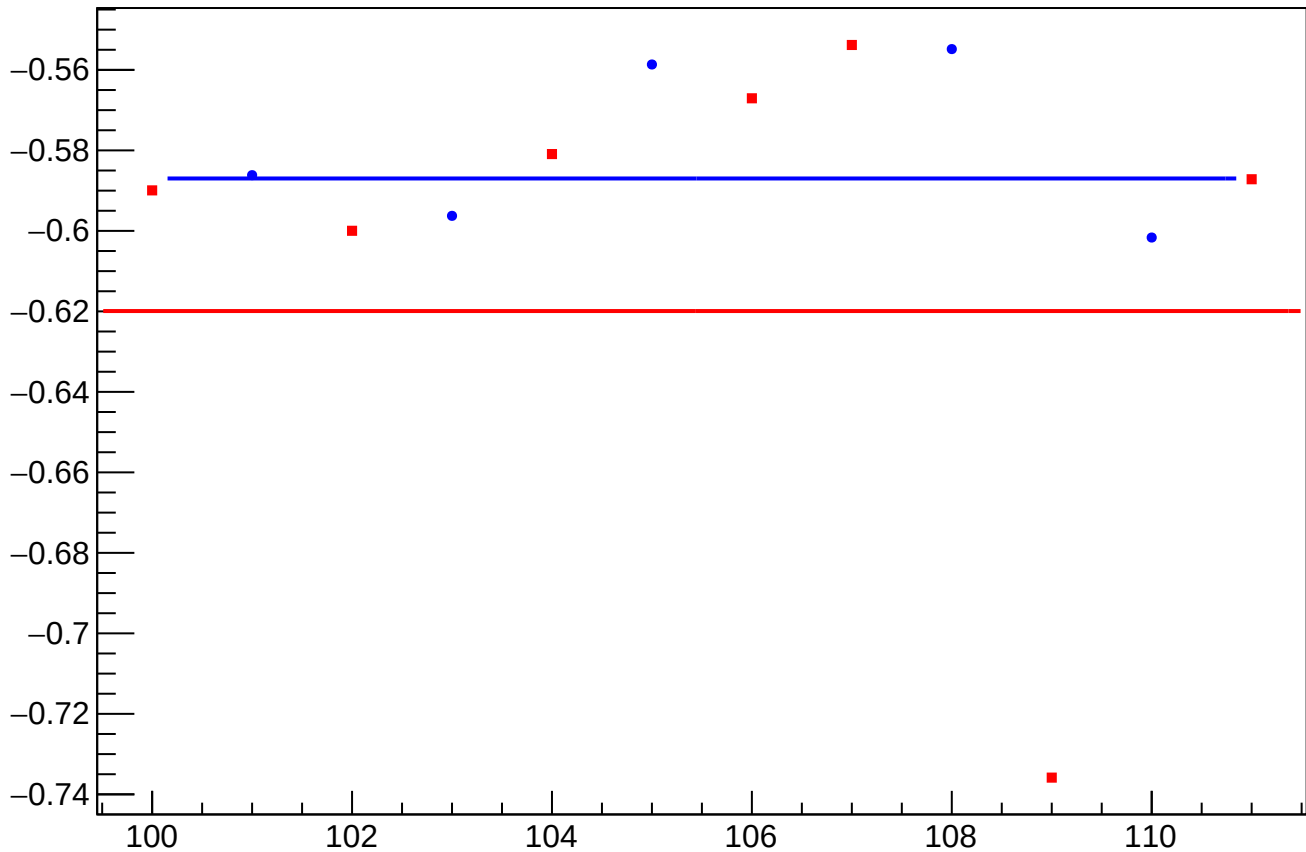
Right Out: 0.000+/-0.000 χ^2/NDF : 1526076.6/6

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 : 1526076.6/6

yield_bpm4aX_mean vs slug



Right In: -0.587 $\pm$ 0.000 χ^2 /NDF: 371050.9/4

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

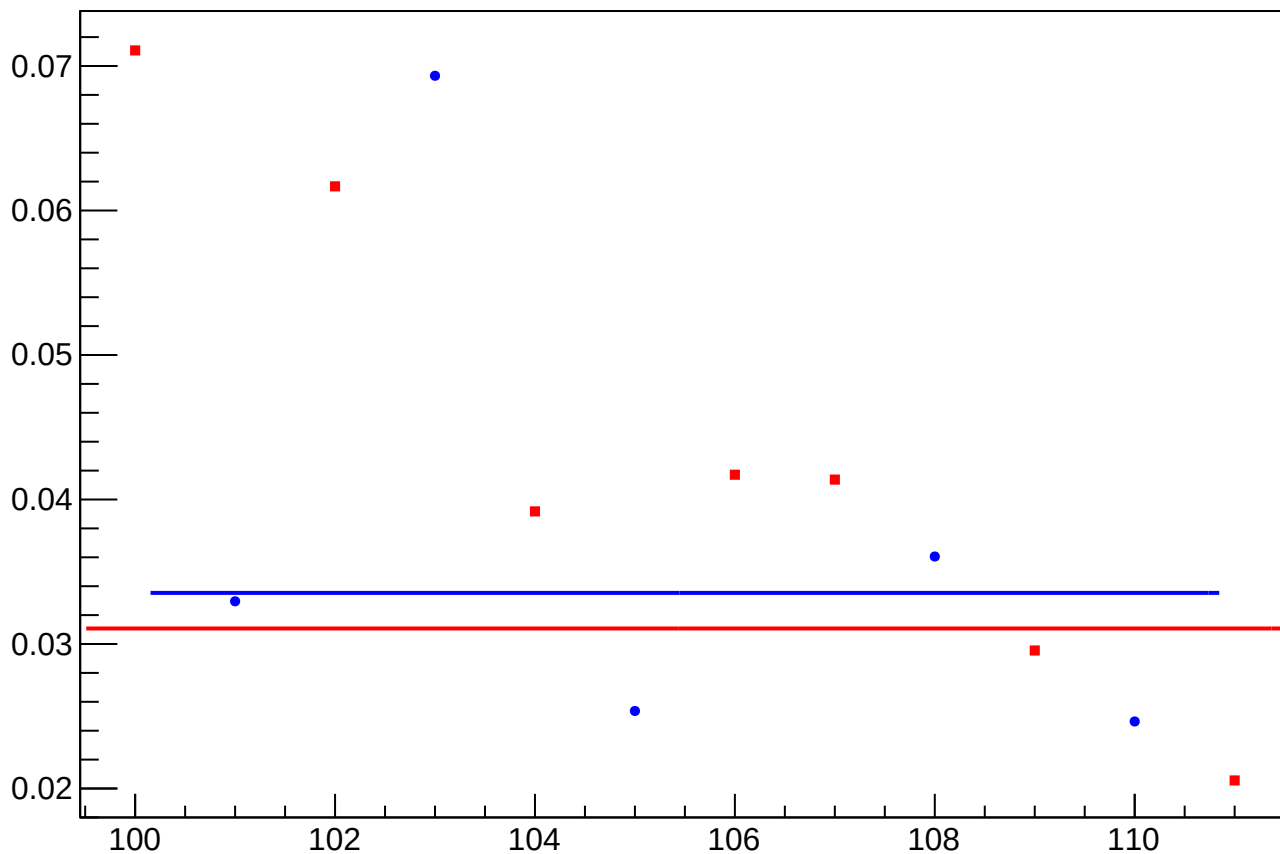
-0.587 $\pm$ 0.000 χ^2 /NDF: 371050.9/4

Right Out: -0.620 $\pm$ 0.000 χ^2 /NDF: 9208772.5/6

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

-0.620 $\pm$ 0.000 χ^2 /NDF: 9208772.5/6

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

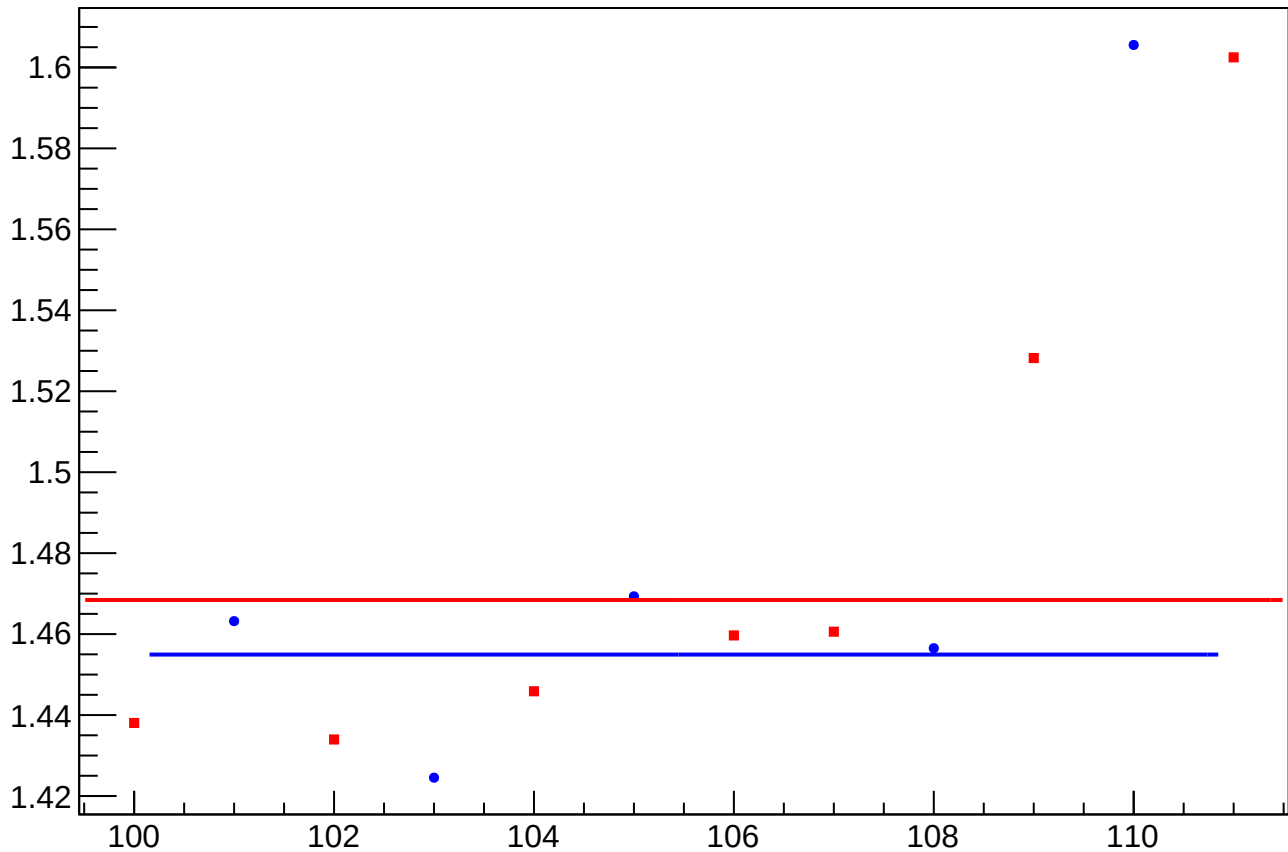
Right Out: 0.031+/-0.000 χ^2/NDF : 573880.3/6

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

0.034+/-0.000 χ^2/NDF : 383265.5/4

0.031+/-0.000 χ^2/NDF : 573880.3/6

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

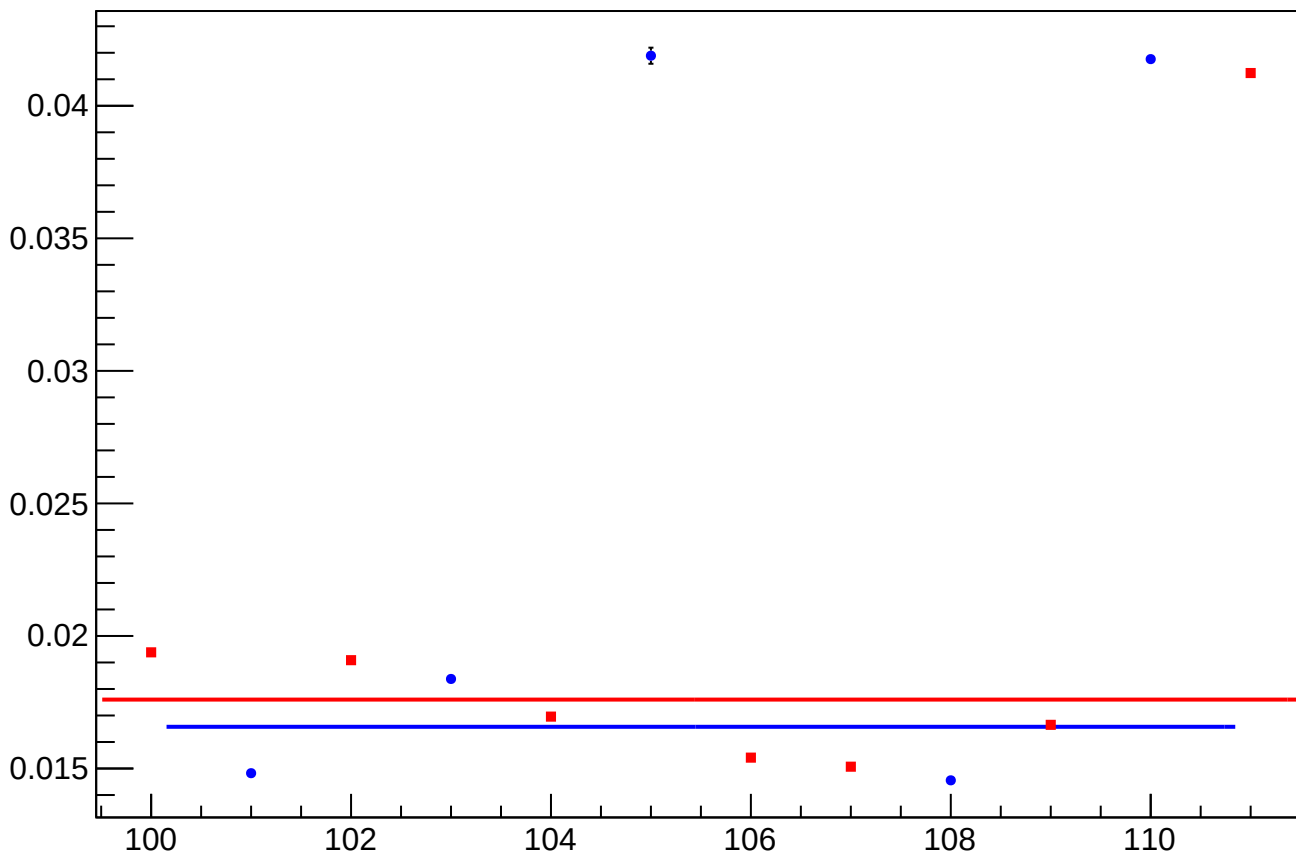
1.455+/-0.000 χ^2/NDF : 5656483.7/4

Right Out: 1.468+/-0.000 χ^2/NDF : 11793987.2/6

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

1.468+/-0.000 χ^2/NDF : 11793987.2/6

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

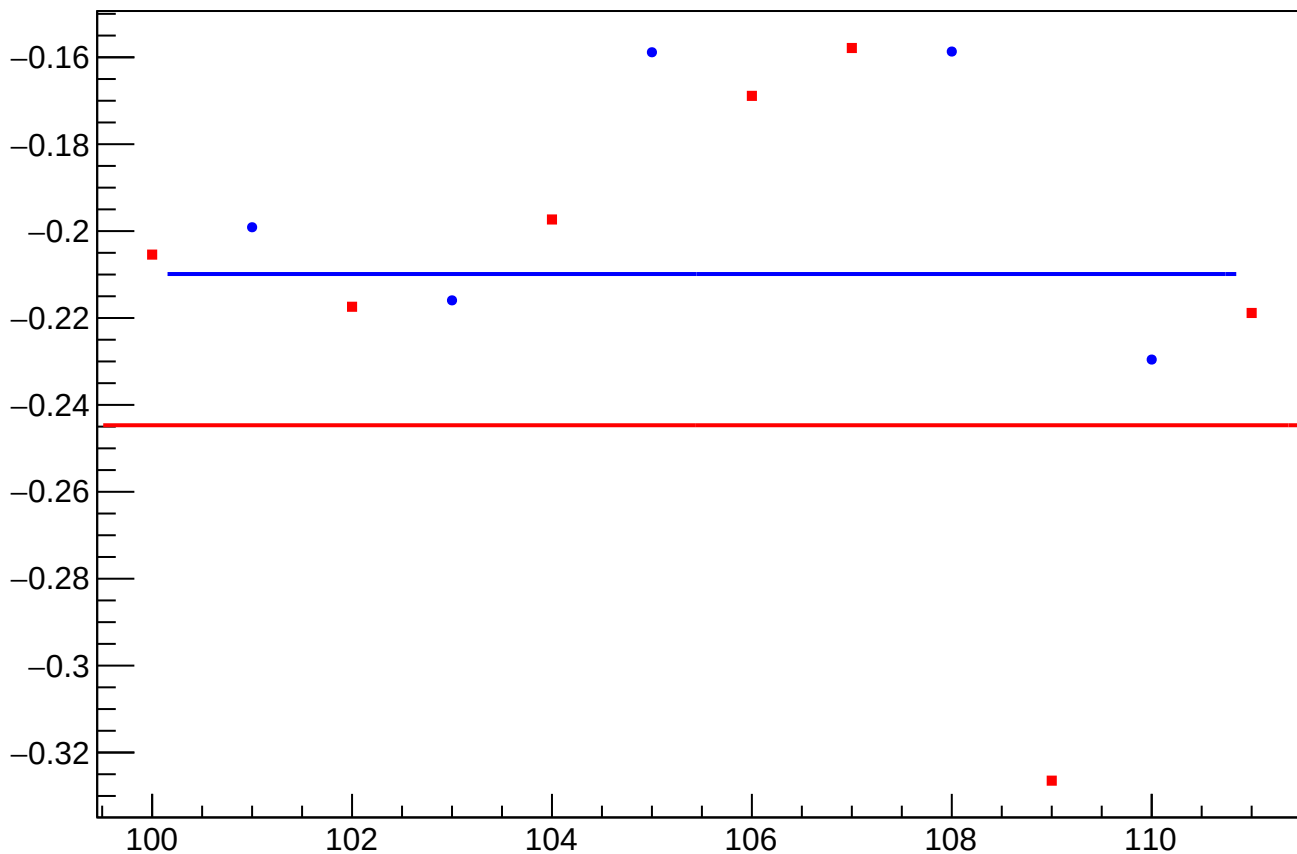
Right Out: 0.018+/-0.000 χ^2/NDF : 305682.0/6

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

0.017+/-0.000 χ^2/NDF : 268164.7/4

0.018+/-0.000 χ^2/NDF : 305682.0/6

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

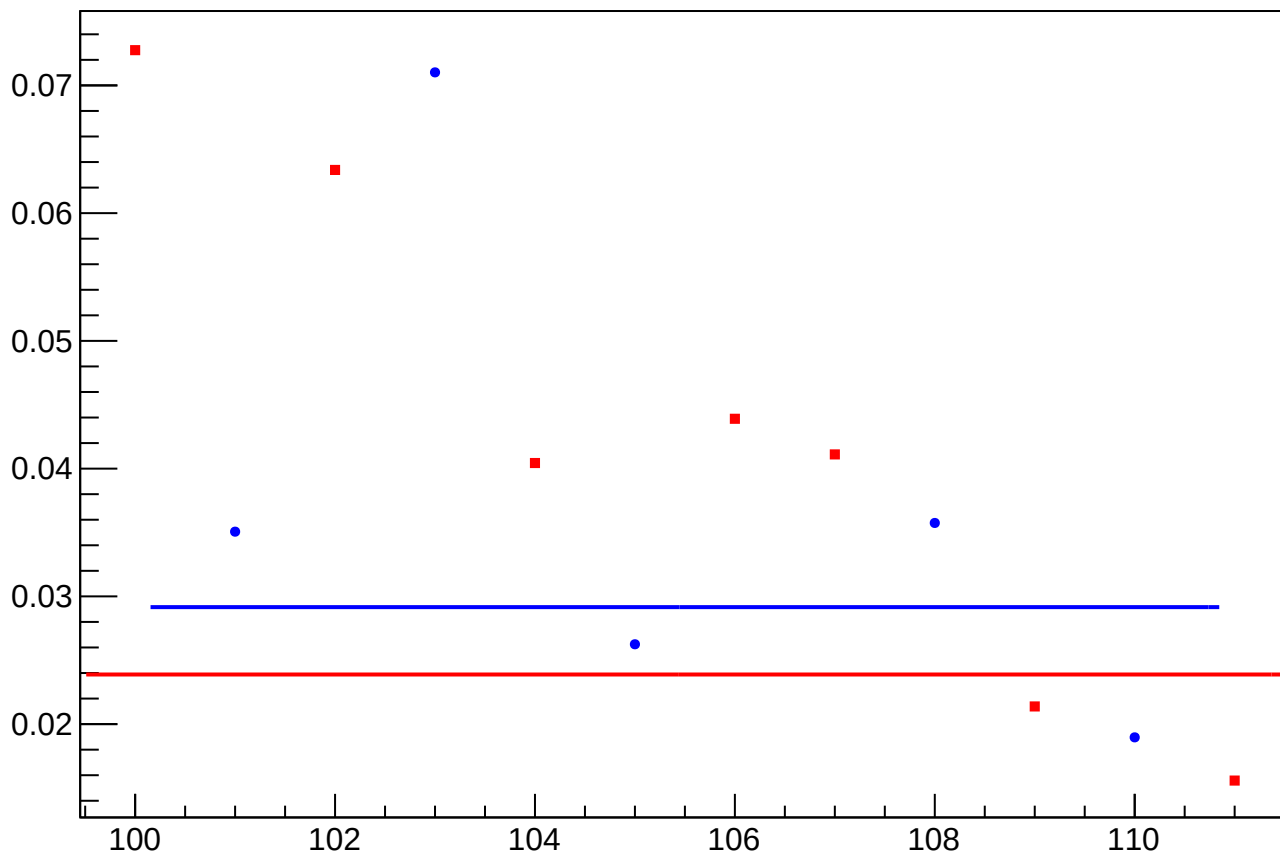
Right Out: -0.245+/-0.000 χ^2/NDF : 9881388.8/6

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

-0.210+/-0.000 χ^2/NDF : 1037382.2/4

-0.245+/-0.000 χ^2/NDF : 9881388.8/6

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

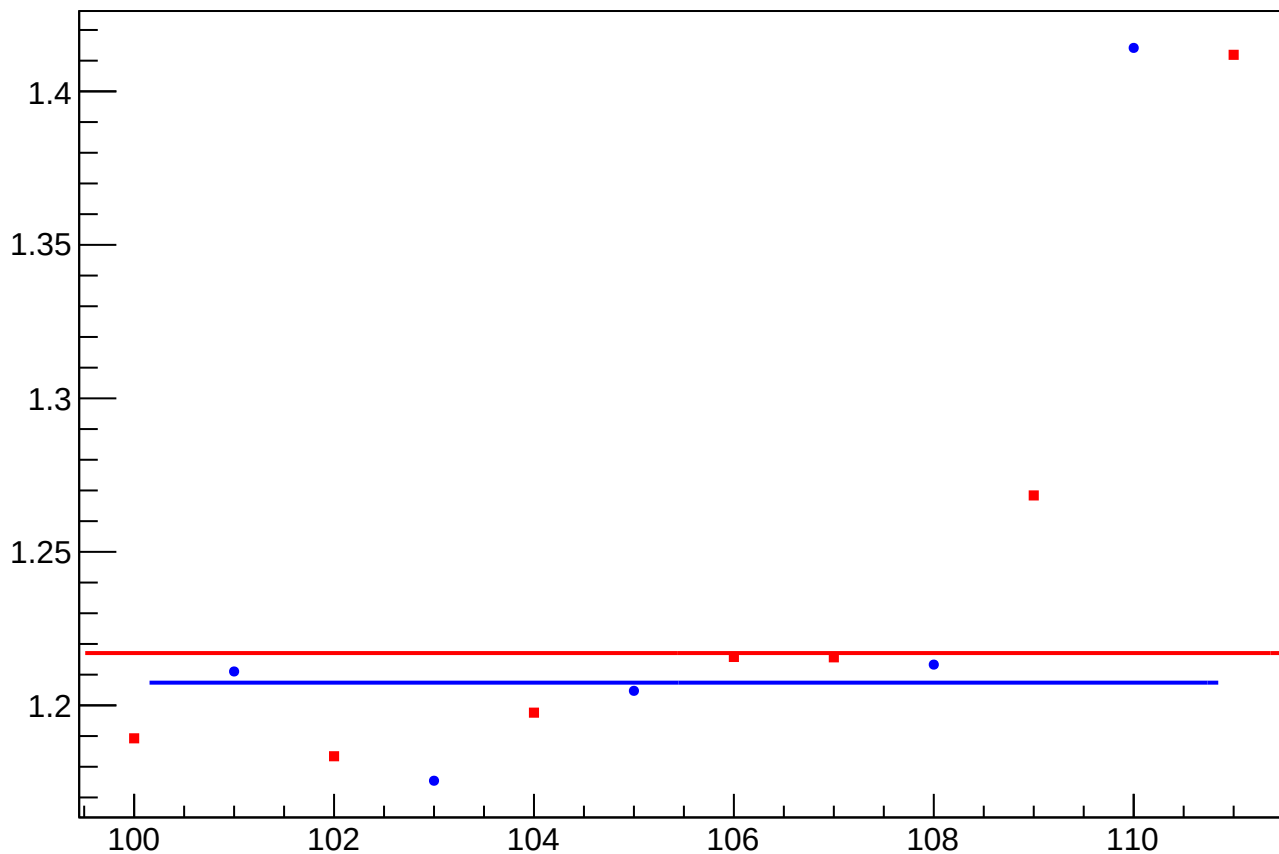
Right Out: 0.024+/-0.000 χ^2/NDF : 987380.6/6

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

0.029+/-0.000 χ^2/NDF : 614685.8/4

0.024+/-0.000 χ^2/NDF : 987380.6/6

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

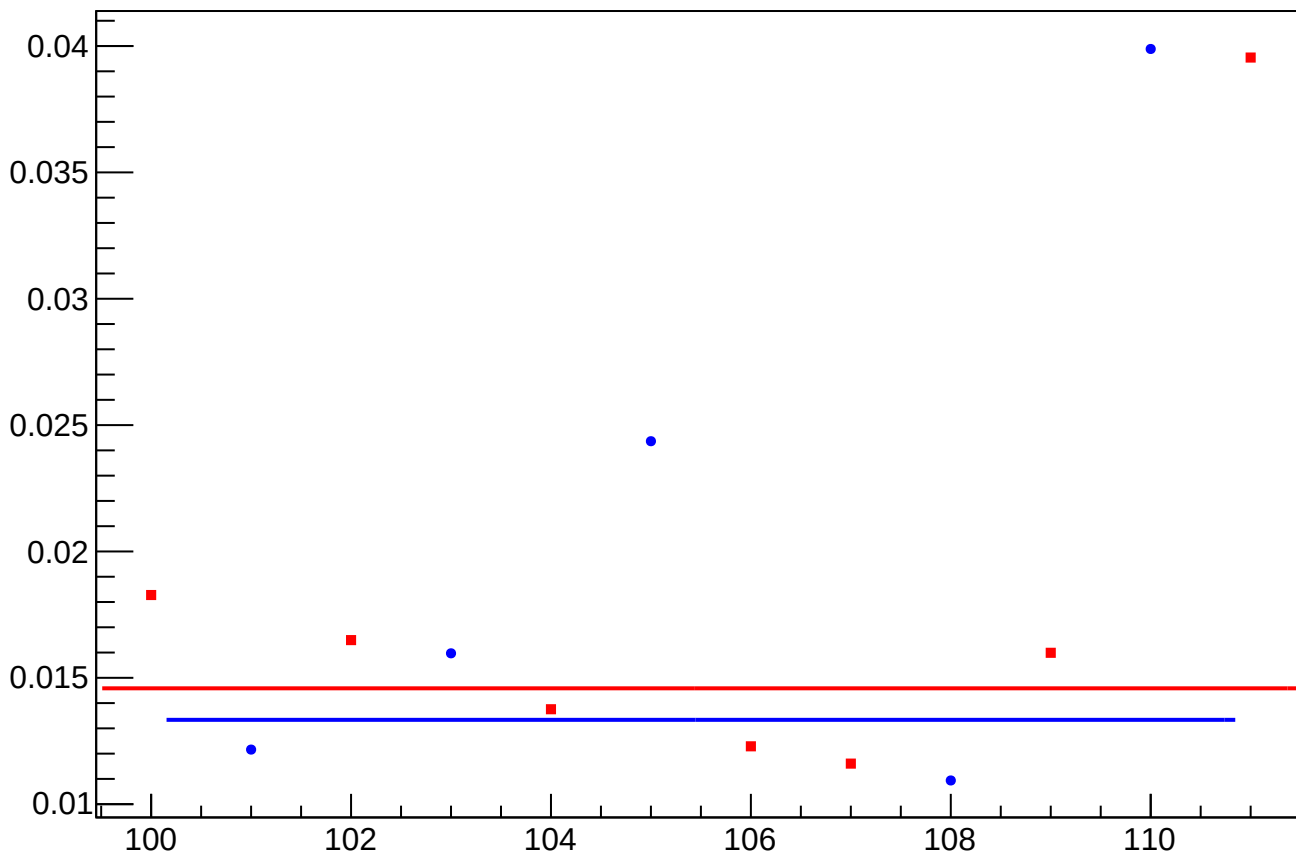
Right Out: 1.217+/-0.000 χ^2/NDF : 16611197.8/6

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

1.207+/-0.000 χ^2/NDF : 10458489.6/4

1.217+/-0.000 χ^2/NDF : 16611197.8/6

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

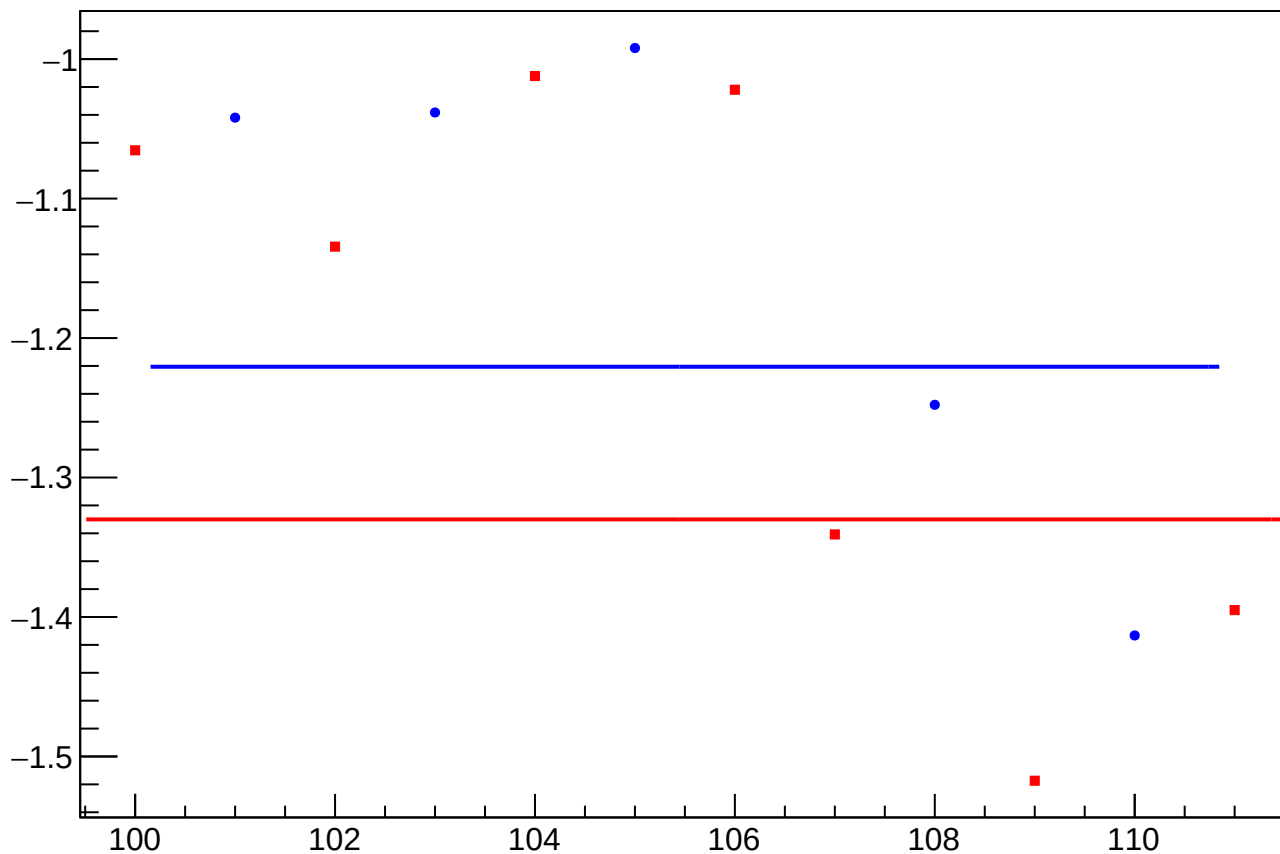
Right Out: 0.015+/-0.000 χ^2/NDF : 408259.2/6

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

0.013+/-0.000 χ^2/NDF : 343445.5/4

0.015+/-0.000 χ^2/NDF : 408259.2/6

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

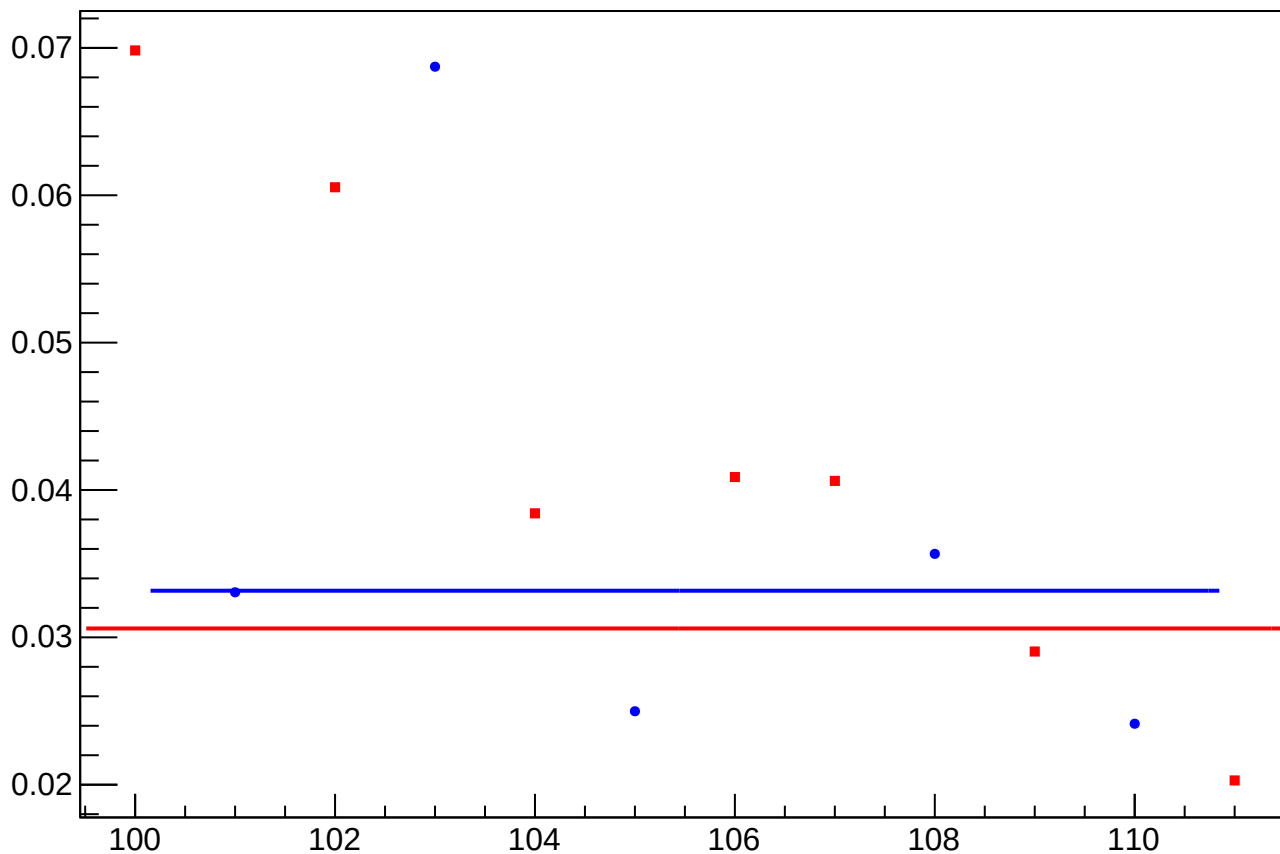
Right Out: -1.330+/-0.000 χ^2/NDF : 67027386.5/6

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

-1.221+/-0.000 χ^2/NDF : 38408383.2/4

-1.330+/-0.000 χ^2/NDF : 67027386.5/6

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

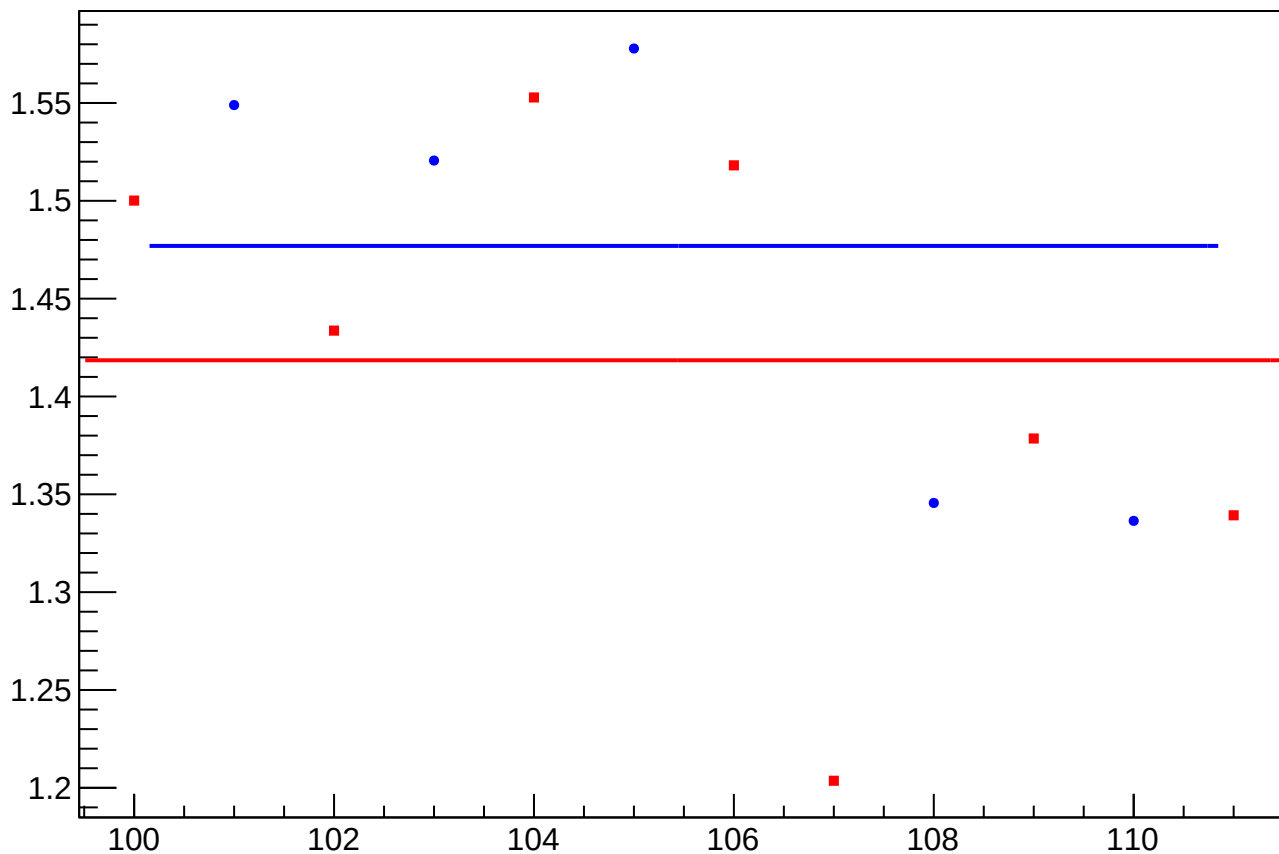
Right Out: 0.031+/-0.000 χ^2/NDF : 567216.6/6

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

0.033+/-0.000 χ^2/NDF : 389219.3/4

0.031+/-0.000 χ^2/NDF : 567216.6/6

yield_bpm4acY_mean vs slug



Right In: 1.477 $\pm$ 0.000 χ^2 /NDF: 42577775.1/4

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

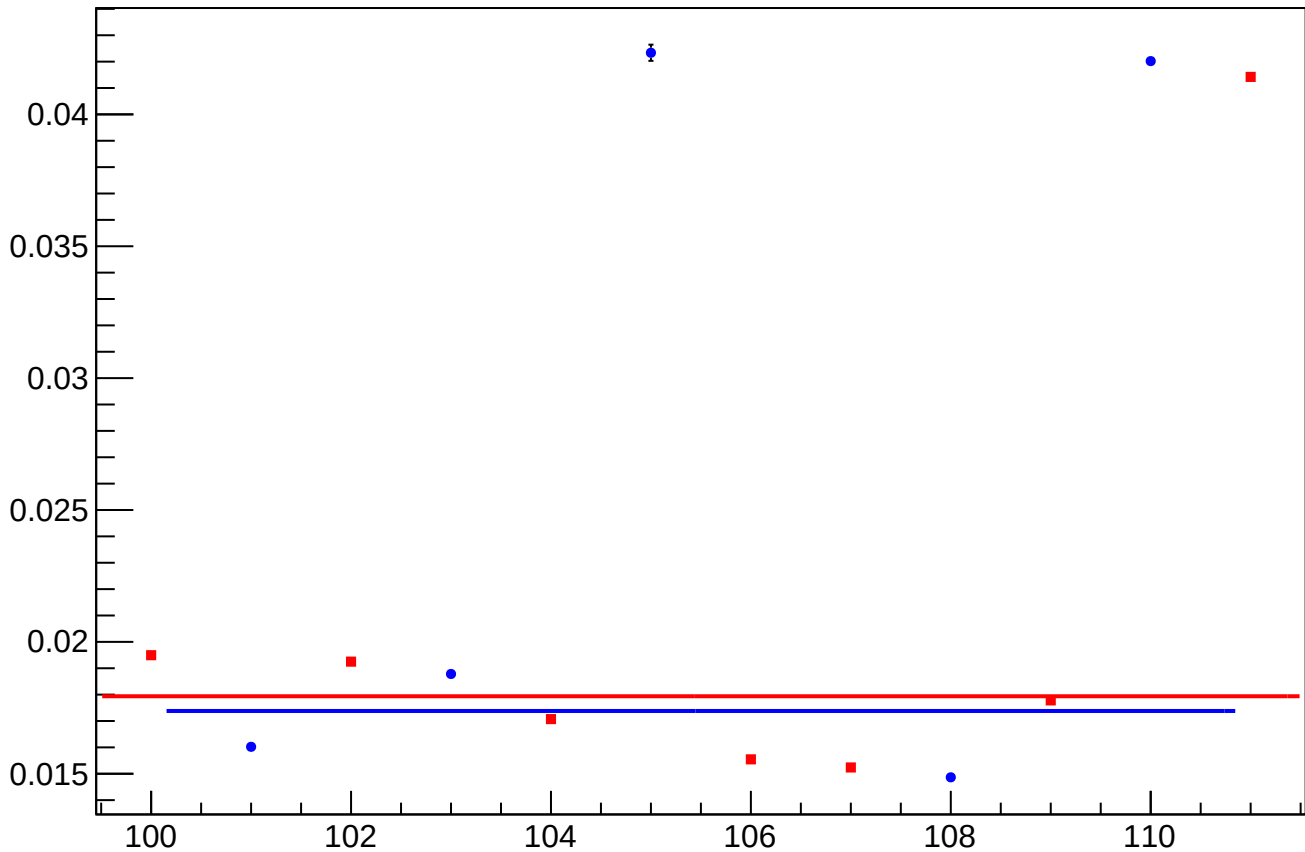
Right Out: 1.419 $\pm$ 0.000 χ^2 /NDF: 105590603.7/6

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

1.477 $\pm$ 0.000 χ^2 /NDF: 42577775.1/4

1.419 $\pm$ 0.000 χ^2 /NDF: 105590603.7/6

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

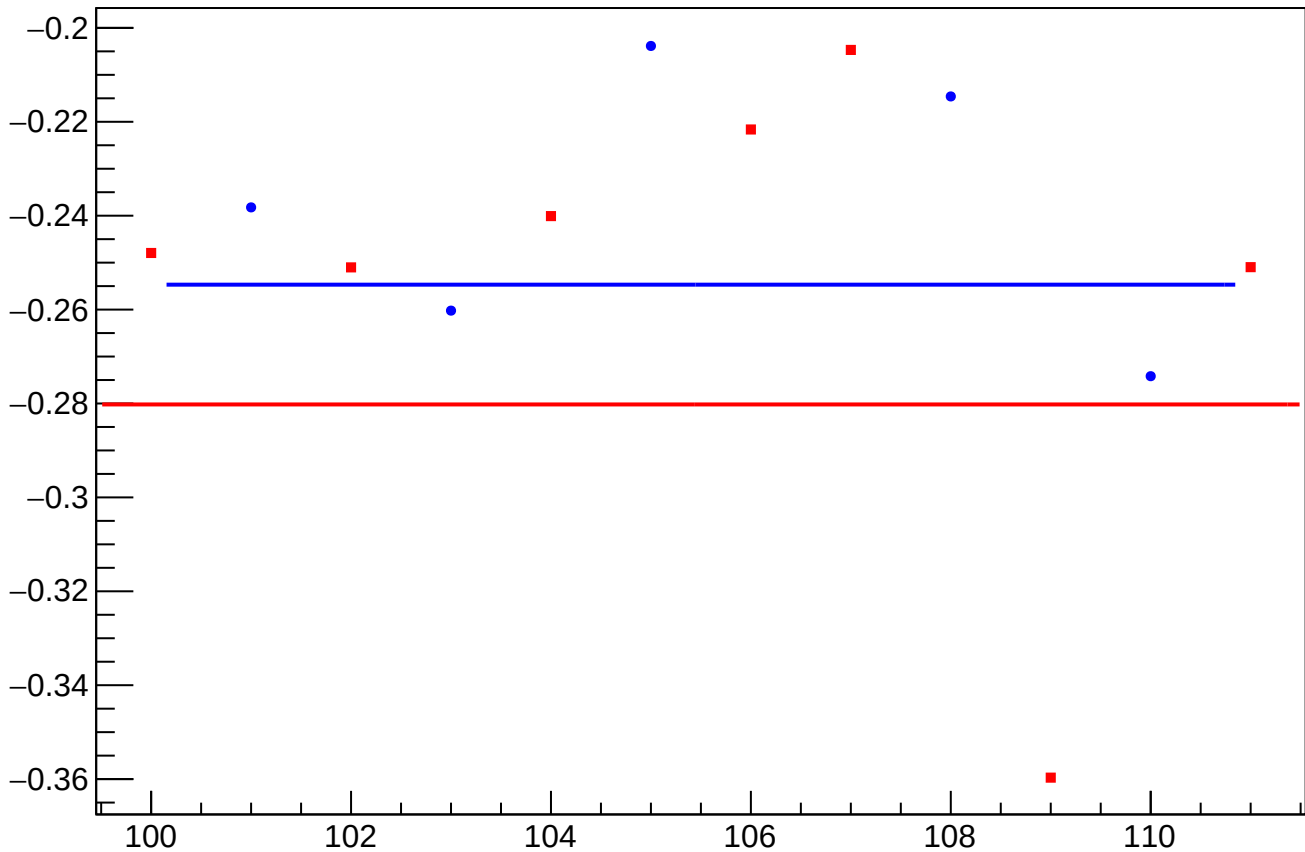
Right Out: 0.018+/-0.000 χ^2/NDF : 300448.1/6

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

0.017+/-0.000 χ^2/NDF : 249361.5/4

0.018+/-0.000 χ^2/NDF : 300448.1/6

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

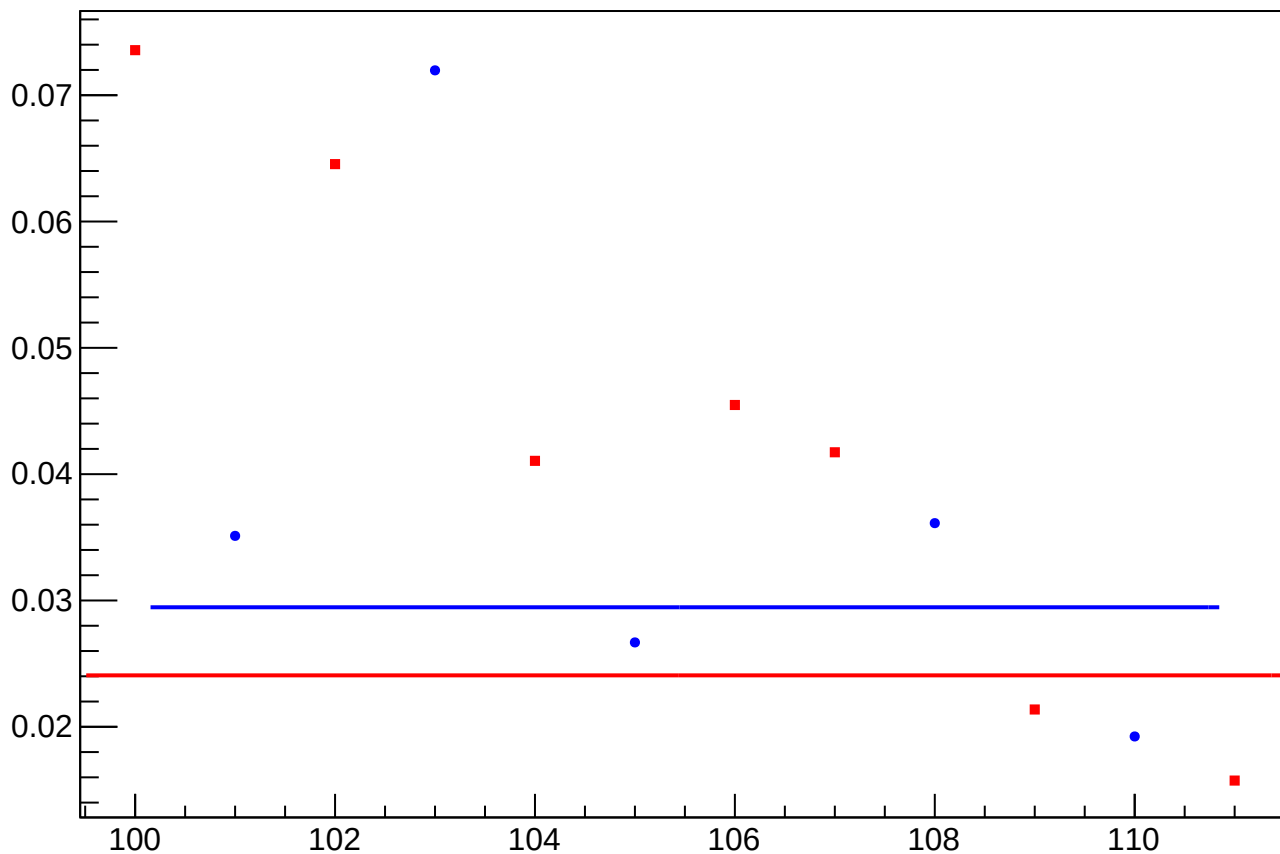
-0.255+/-0.000 χ^2/NDF : 831115.8/4

Right Out: -0.280+/-0.000 χ^2/NDF : 8961354.5/6

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

-0.280+/-0.000 χ^2/NDF : 8961354.5/6

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

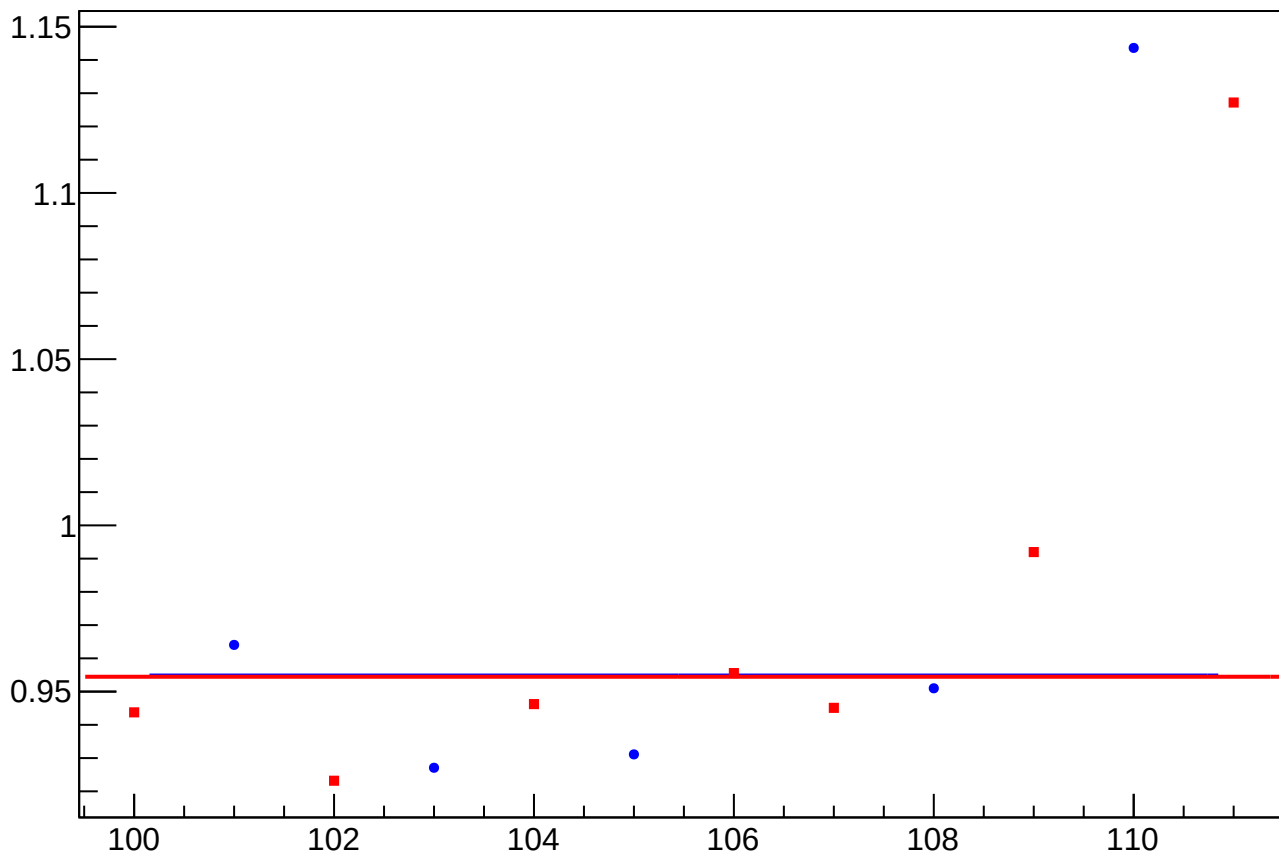
Right Out: 0.024+/-0.000 χ^2/NDF : 1004680.5/6

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

0.029+/-0.000 χ^2/NDF : 609568.6/4

0.024+/-0.000 χ^2/NDF : 1004680.5/6

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

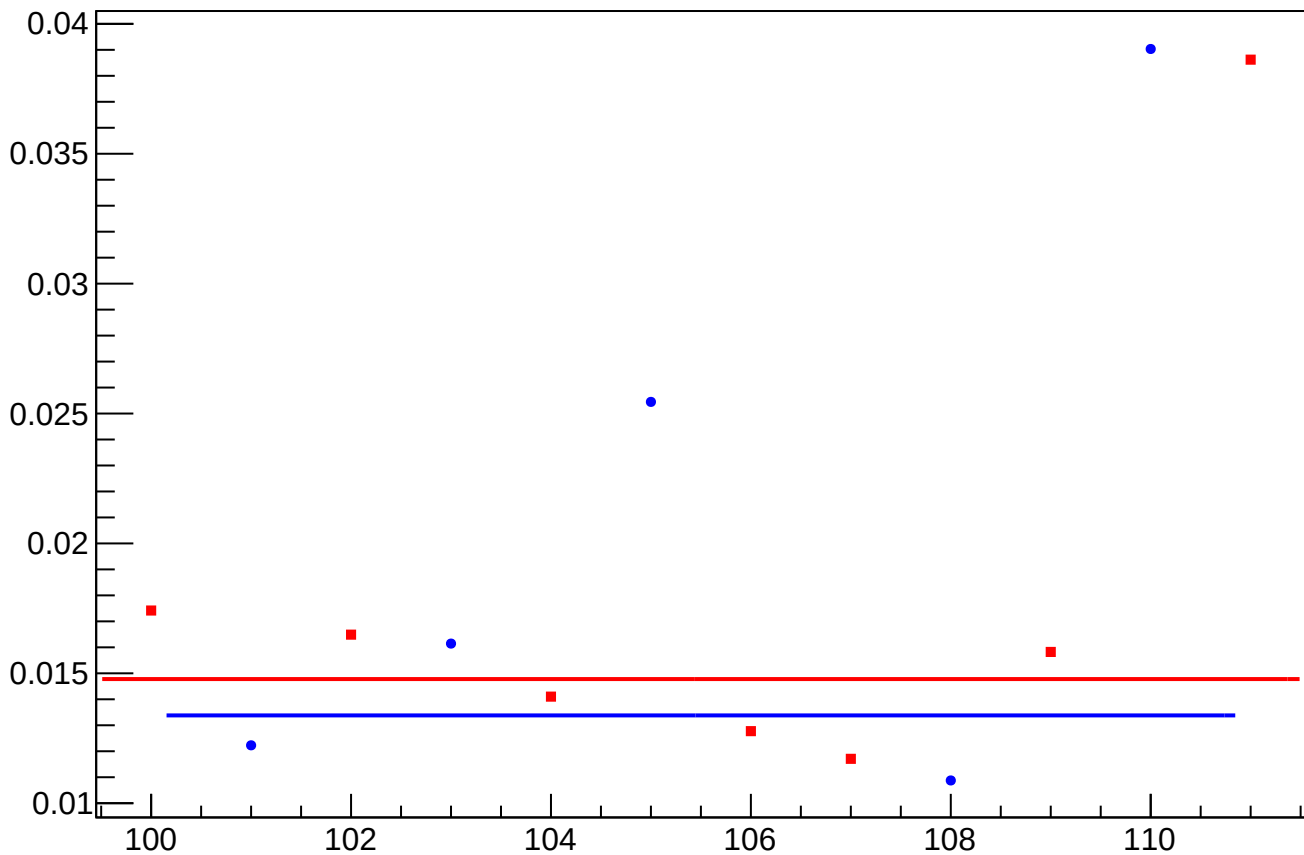
Right Out: 0.954+/-0.000 χ^2/NDF : 12283292.4/6

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

0.955+/-0.000 χ^2/NDF : 9035596.0/4

0.954+/-0.000 χ^2/NDF : 12283292.4/6

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

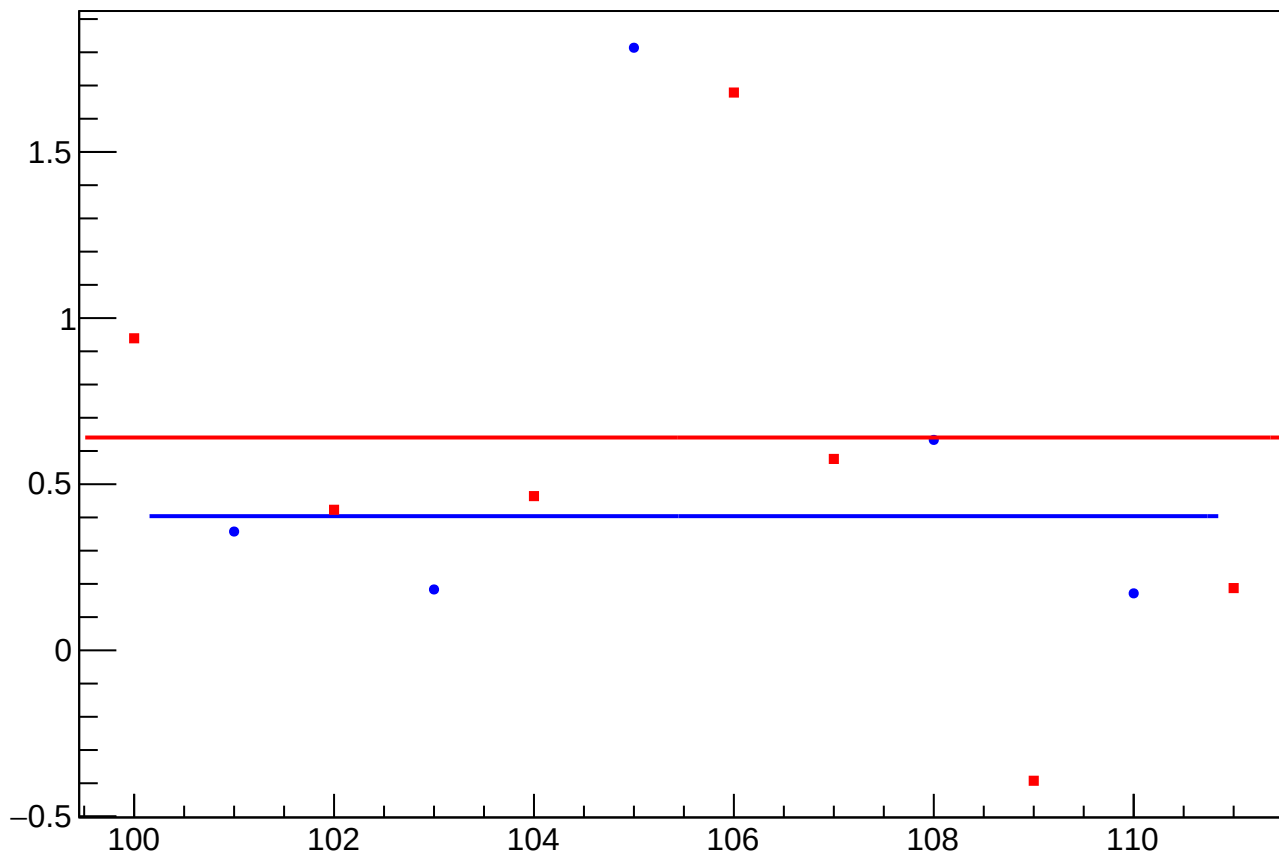
0.013+/-0.000 χ^2/NDF : 342234.8/4

Right Out: 0.015+/-0.000 χ^2/NDF : 382843.9/6

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

0.015+/-0.000 χ^2/NDF : 382843.9/6

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

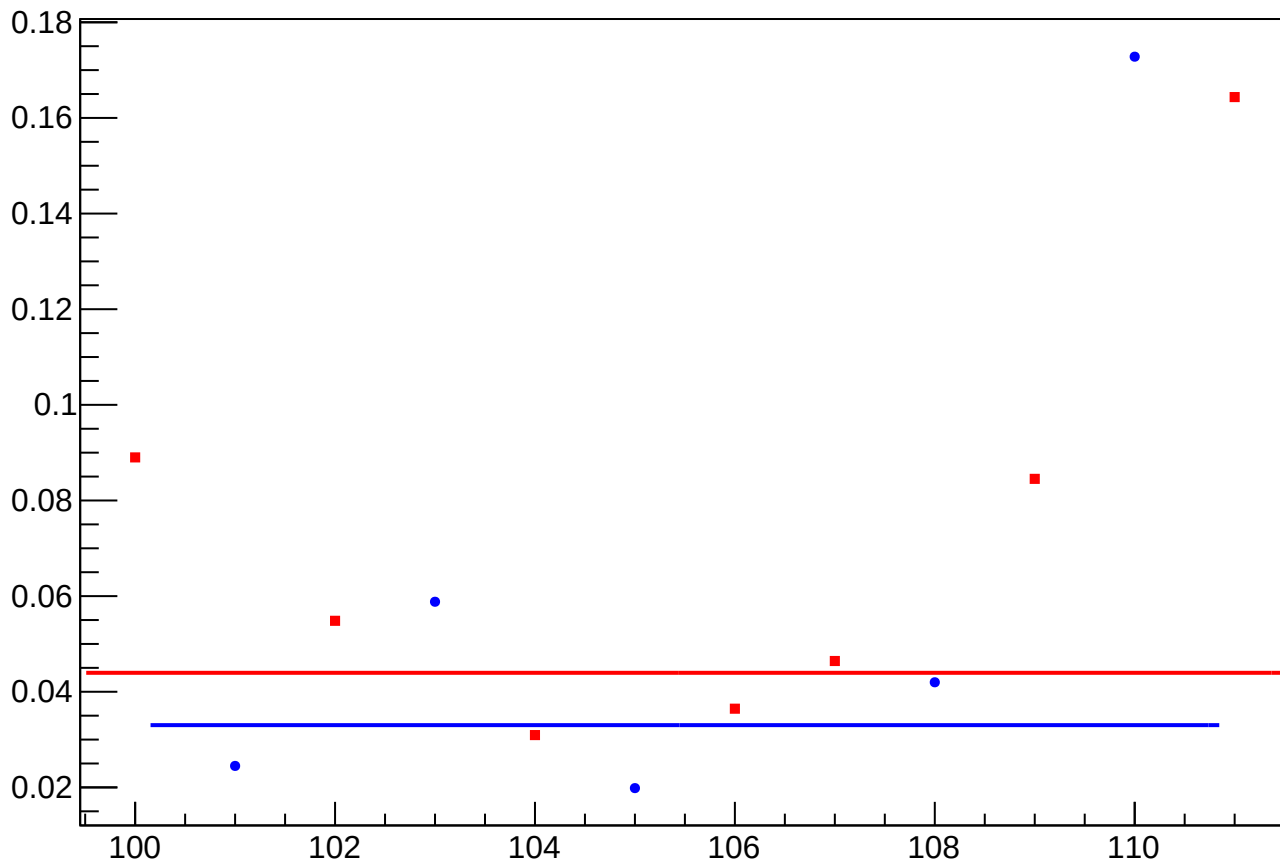
Right Out: 0.641 $\pm$ 0.000 χ^2 /NDF: 261867457.8/6

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

0.404 $\pm$ 0.000 χ^2 /NDF: 67386548.7/4

0.641 $\pm$ 0.000 χ^2 /NDF: 261867457.8/6

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

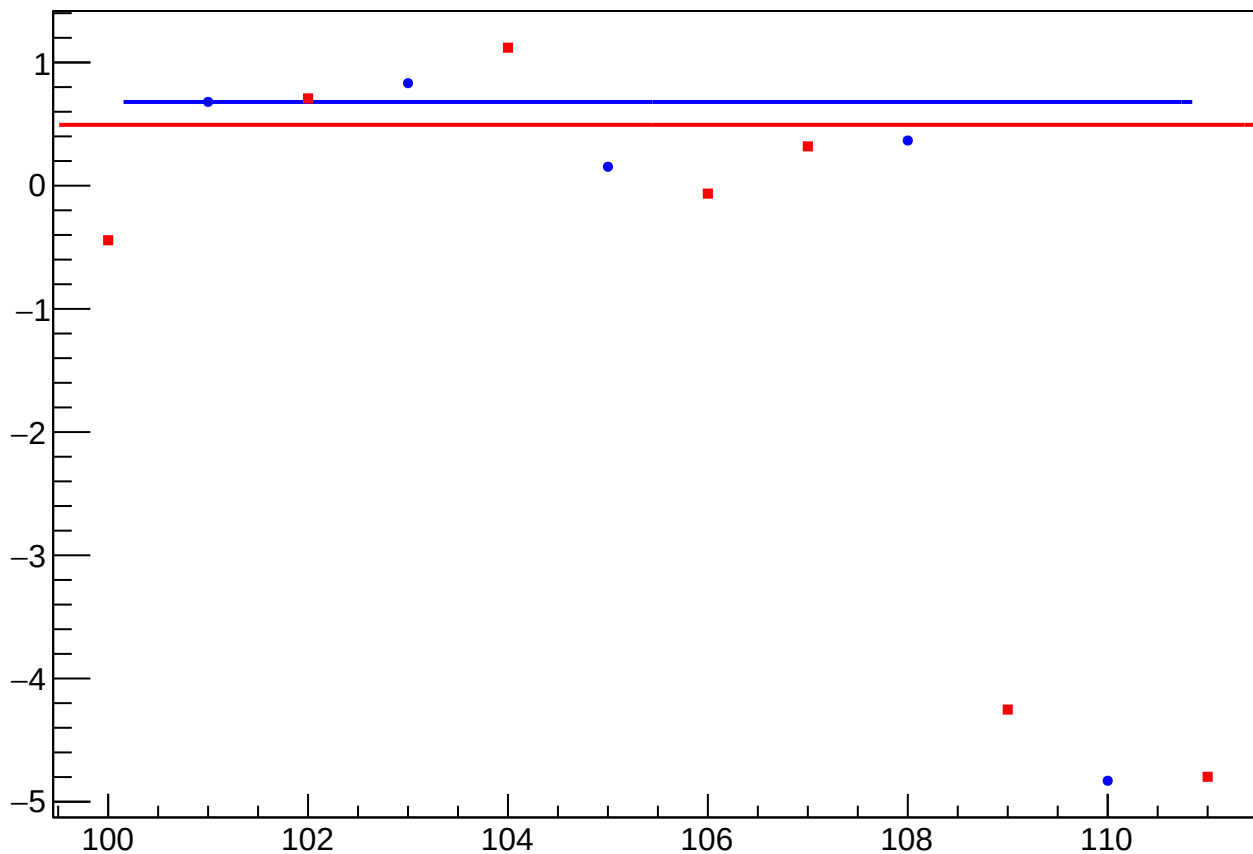
Right Out: 0.044+/-0.000 χ^2/NDF : 844868.0/6

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

0.033+/-0.000 χ^2/NDF : 800987.0/4

0.044+/-0.000 χ^2/NDF : 844868.0/6

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

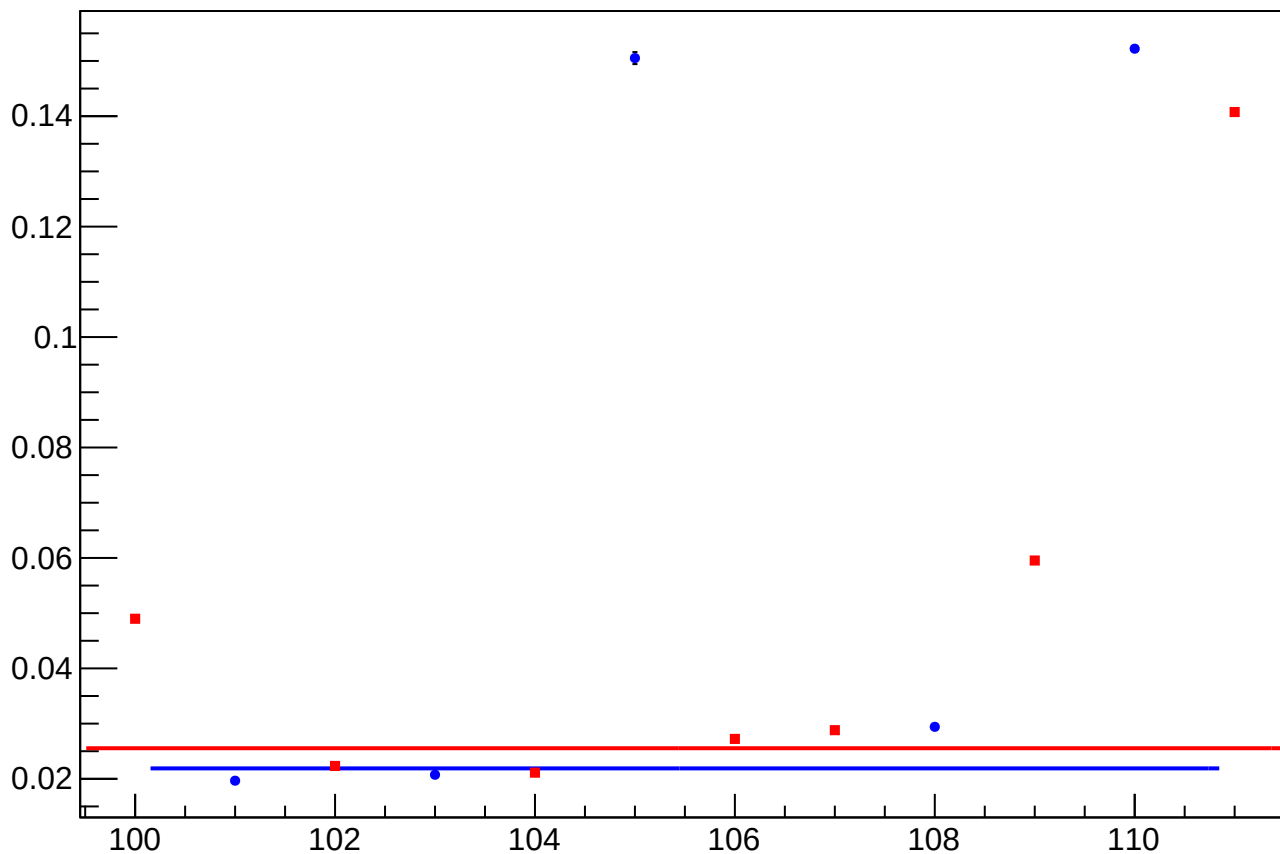
Right Out: 0.494+/-0.000 χ^2/NDF : 3398567263.0/6

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

0.679+/-0.000 χ^2/NDF : 500070417.4/4

0.494+/-0.000 χ^2/NDF : 3398567263.0/6

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

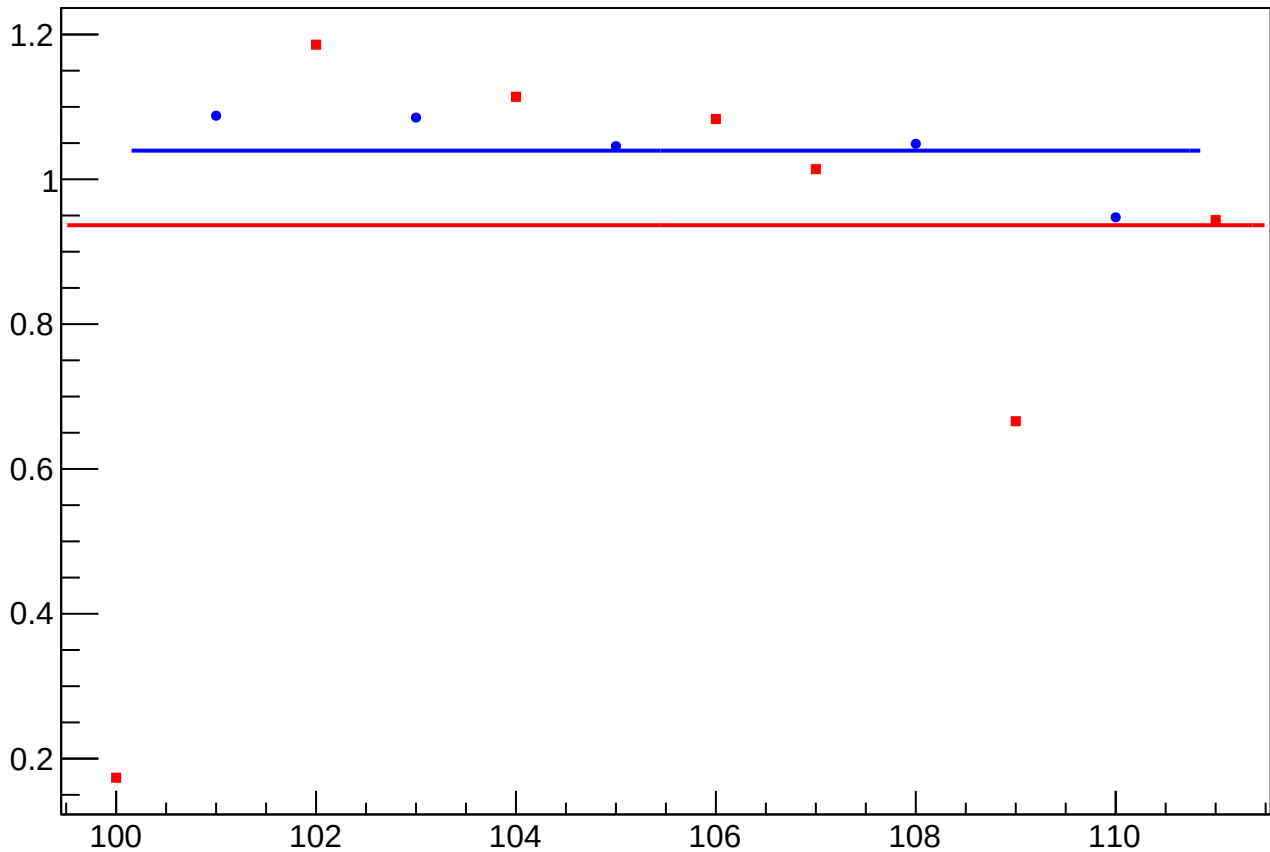
Right Out: 0.026+/-0.000 χ^2/NDF : 872032.1/6

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

0.022+/-0.000 χ^2/NDF : 560124.6/4

0.026+/-0.000 χ^2/NDF : 872032.1/6

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

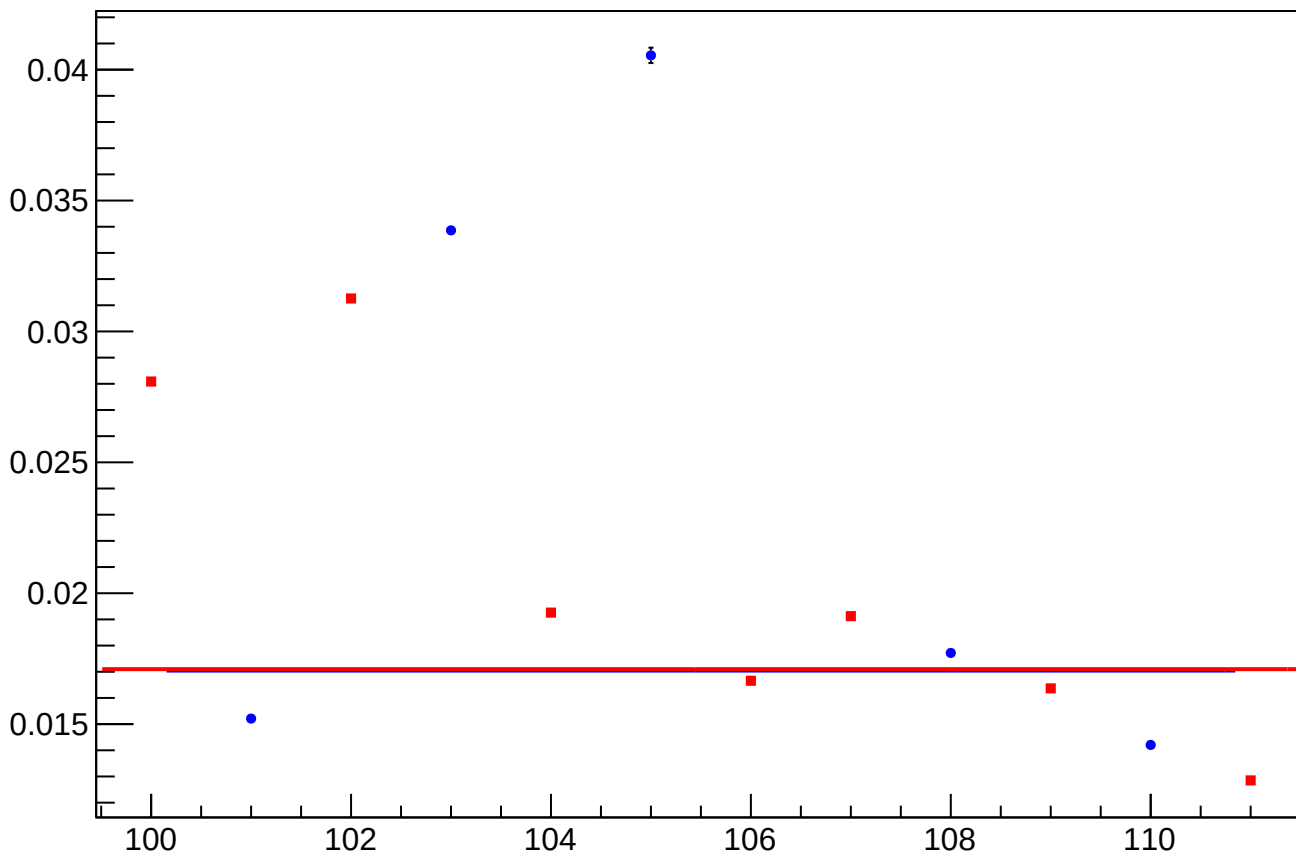
1.040 $\pm$ 0.000 χ^2 /NDF: 19114135.6/4

Right Out: 0.937 $\pm$ 0.000 χ^2 /NDF: 255522390.9/6

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

0.937 $\pm$ 0.000 χ^2 /NDF: 255522390.9/6

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

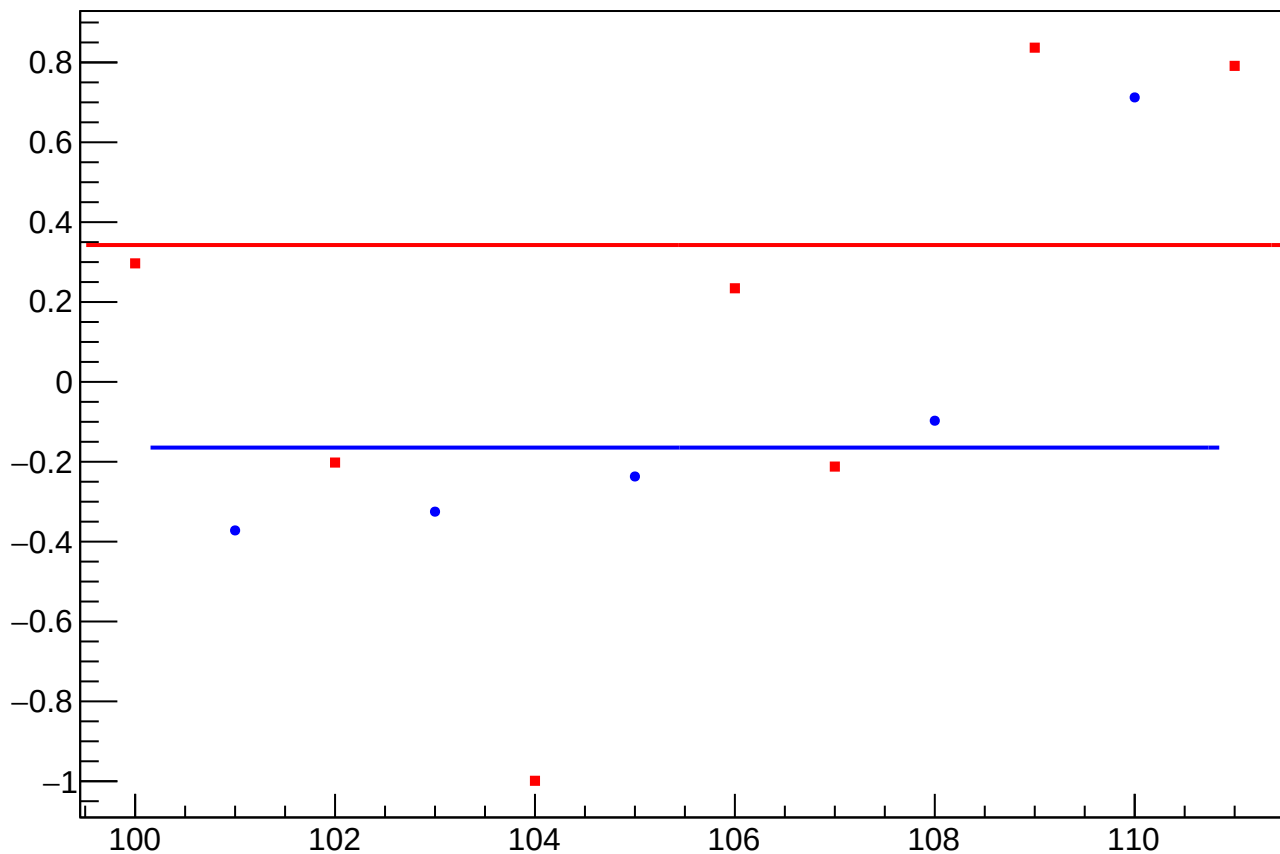
Right Out: 0.017+/-0.000 χ^2/NDF : 322545.5/6

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

0.017+/-0.000 χ^2/NDF : 304138.3/4

0.017+/-0.000 χ^2/NDF : 322545.5/6

yield_bpm11Y_mean vs slug



Right In: -0.164+/-0.000 χ^2/NDF : 684281085.5/4

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

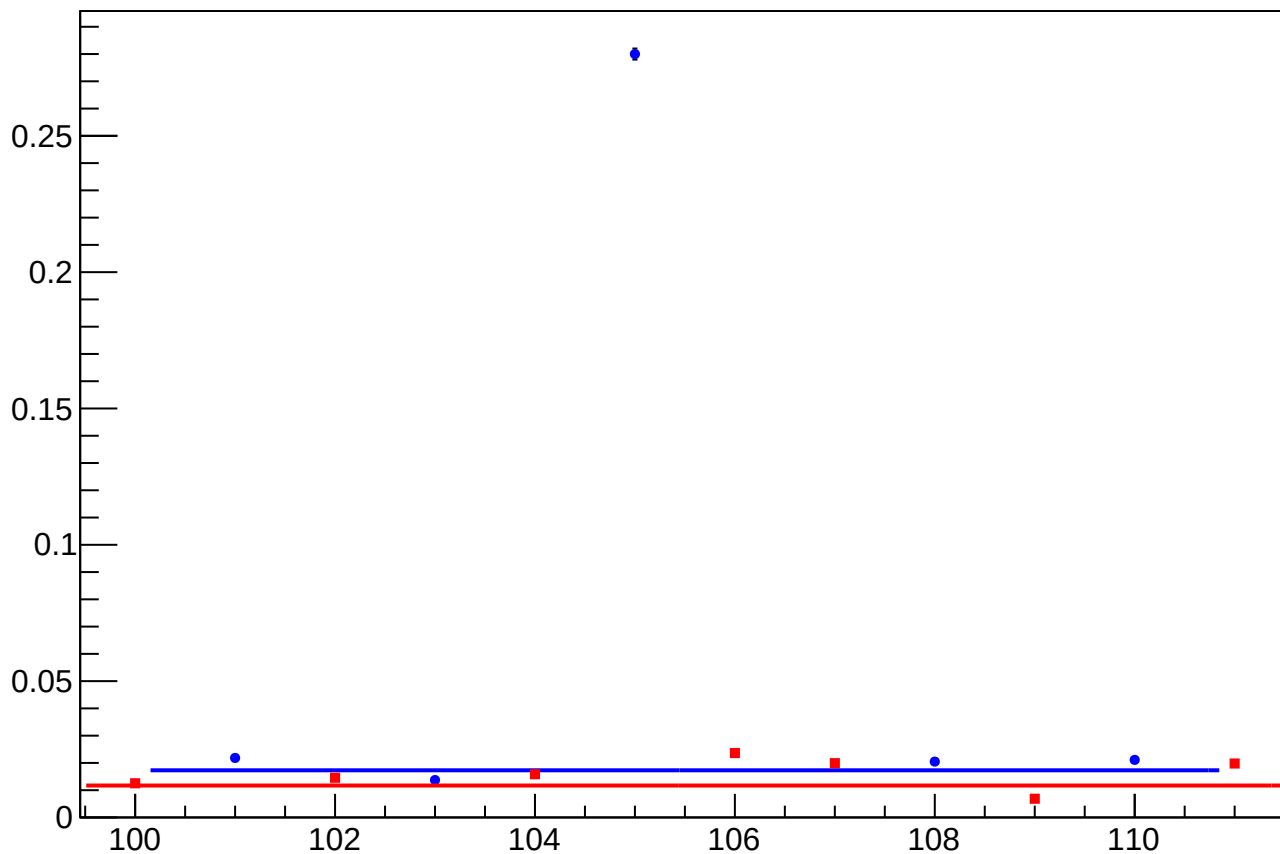
Right Out: 0.343+/-0.000 χ^2/NDF : 5706574590.6/6

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

-0.164+/-0.000 χ^2/NDF : 684281085.5/4

0.343+/-0.000 χ^2/NDF : 5706574590.6/6

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

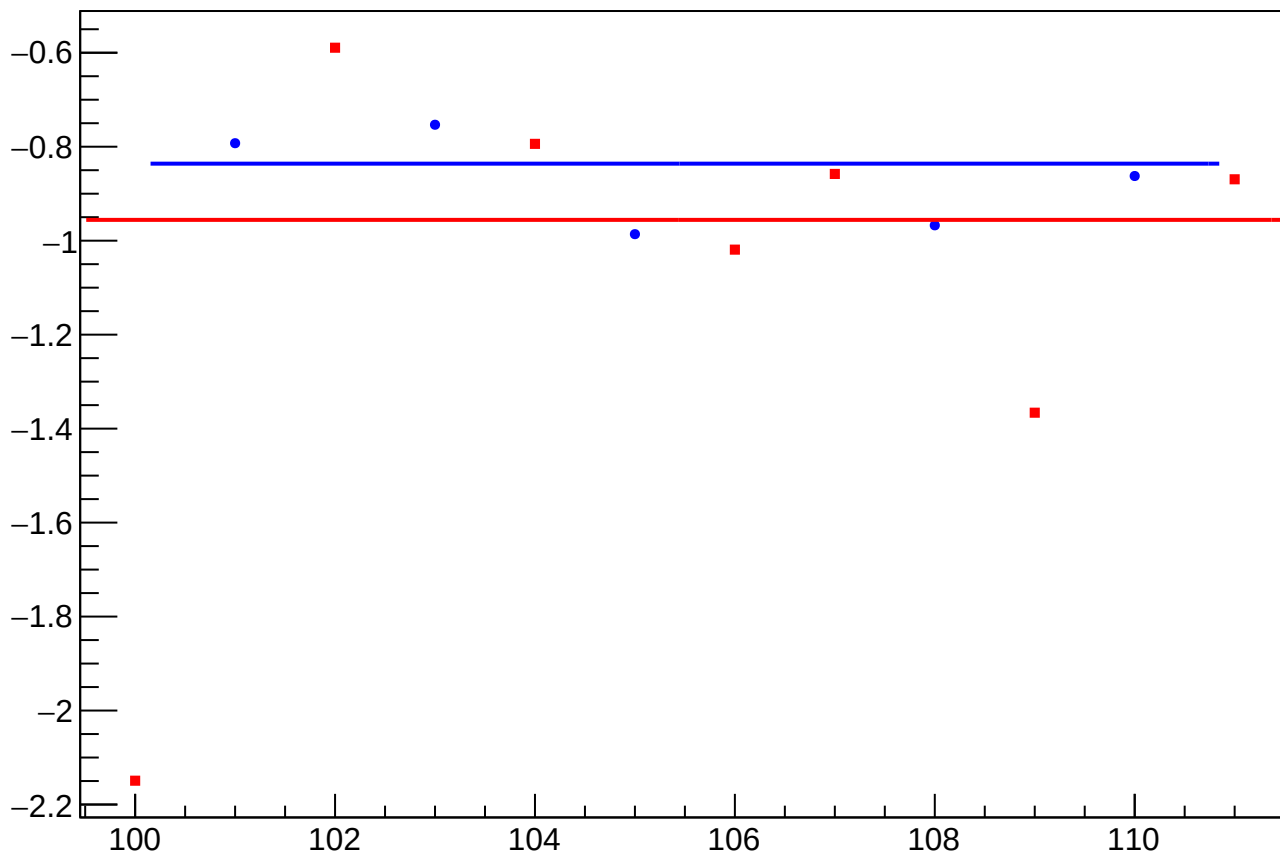
Right Out: 0.012+/-0.000 χ^2/NDF : 768523.9/6

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

0.017+/-0.000 χ^2/NDF : 169153.9/4

0.012+/-0.000 χ^2/NDF : 768523.9/6

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

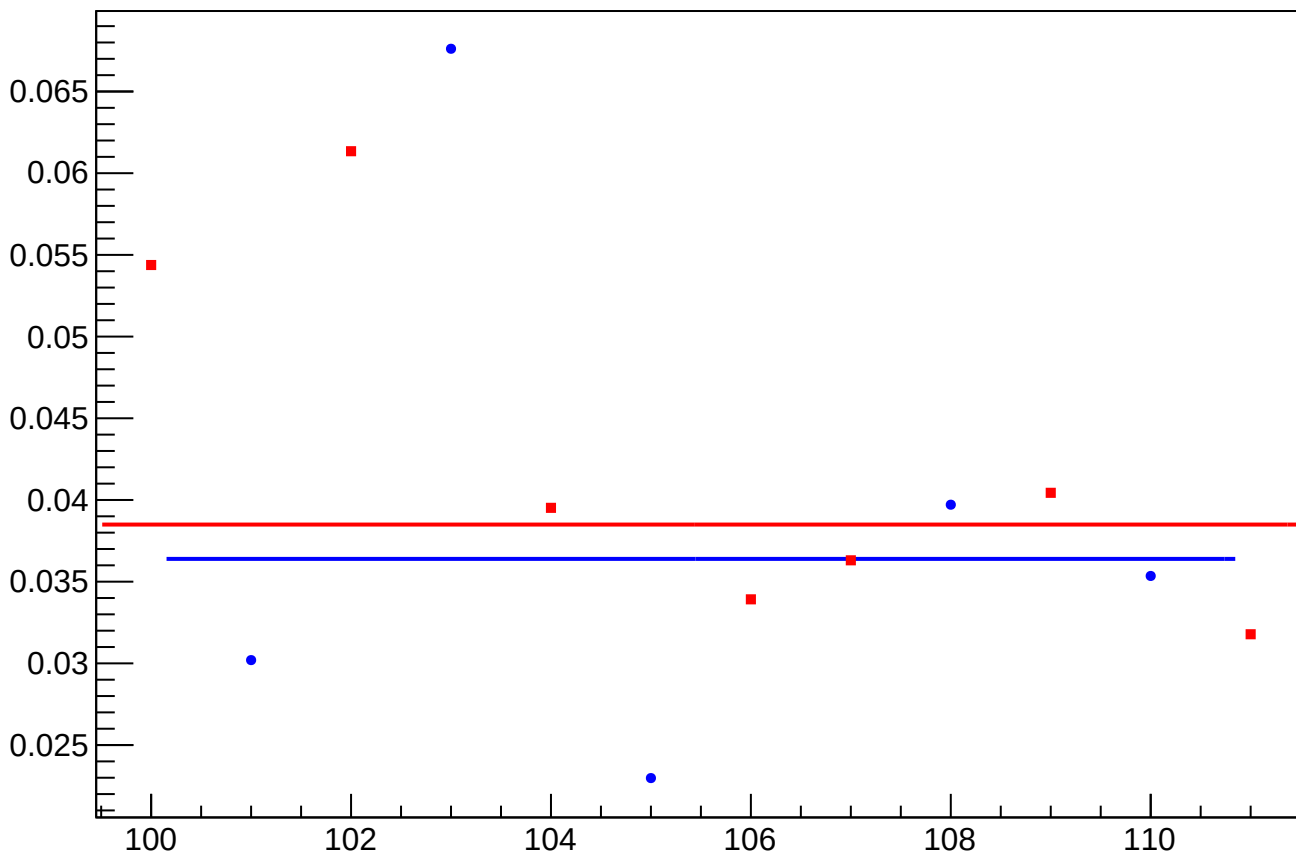
Right Out: -0.956+/-0.000 χ^2/NDF : 103012394.1/6

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

-0.836+/-0.000 χ^2/NDF : 5860709.1/4

-0.956+/-0.000 χ^2/NDF : 103012394.1/6

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

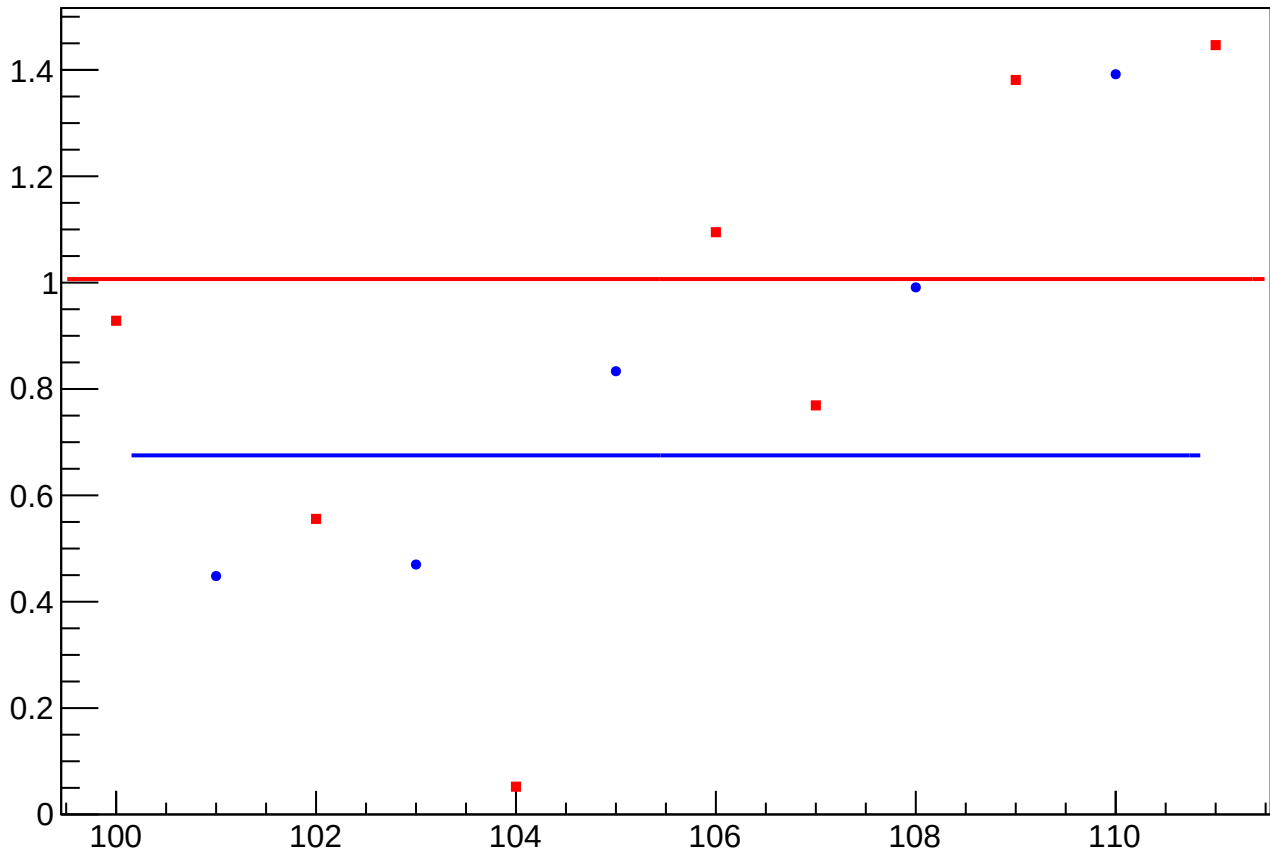
Right Out: 0.038+/-0.000 χ^2/NDF : 190948.1/6

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

0.036+/-0.000 χ^2/NDF : 274803.1/4

0.038+/-0.000 χ^2/NDF : 190948.1/6

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

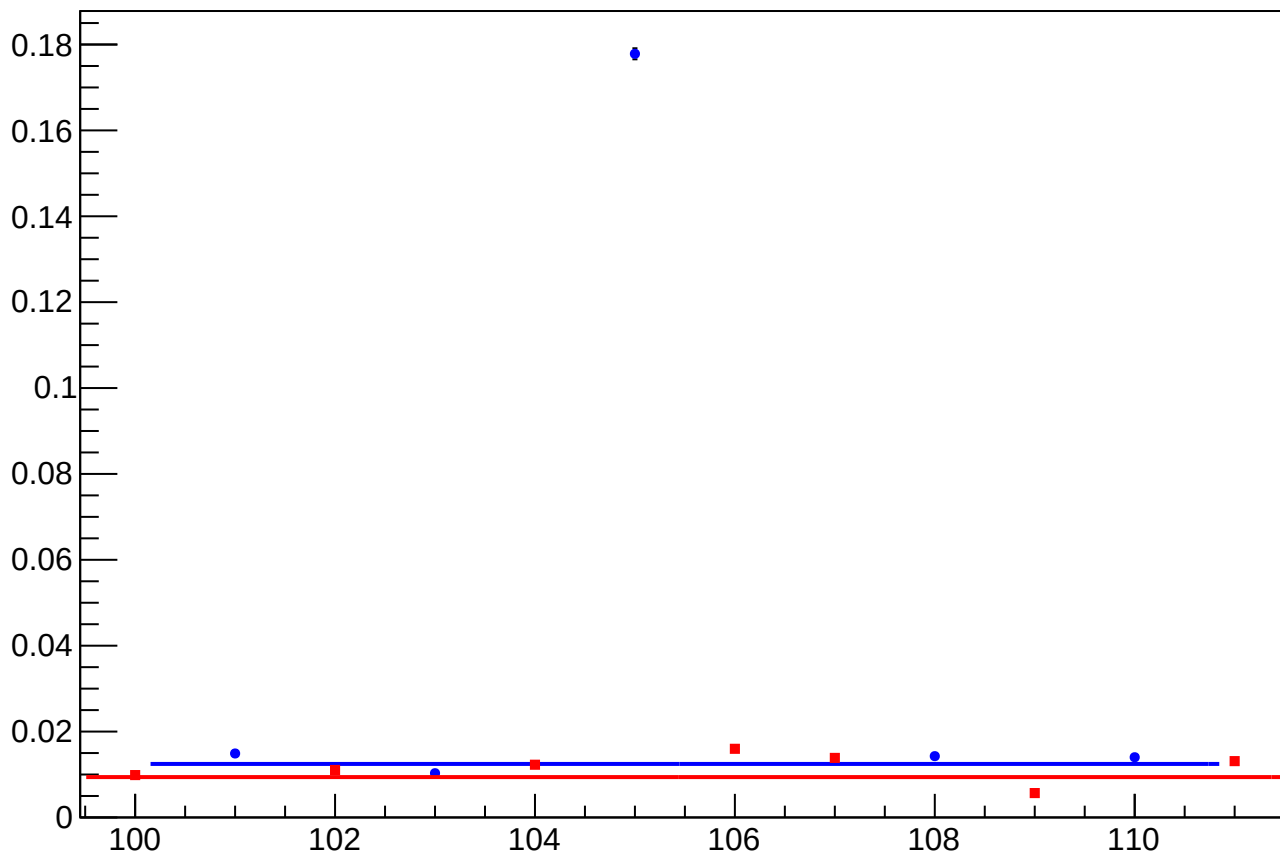
0.675+/-0.000 χ^2/NDF : 1310560710.3/4

Right Out: 1.007+/-0.000 χ^2/NDF : 5358730600.4/6

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

1.007+/-0.000 χ^2/NDF : 5358730600.4/6

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

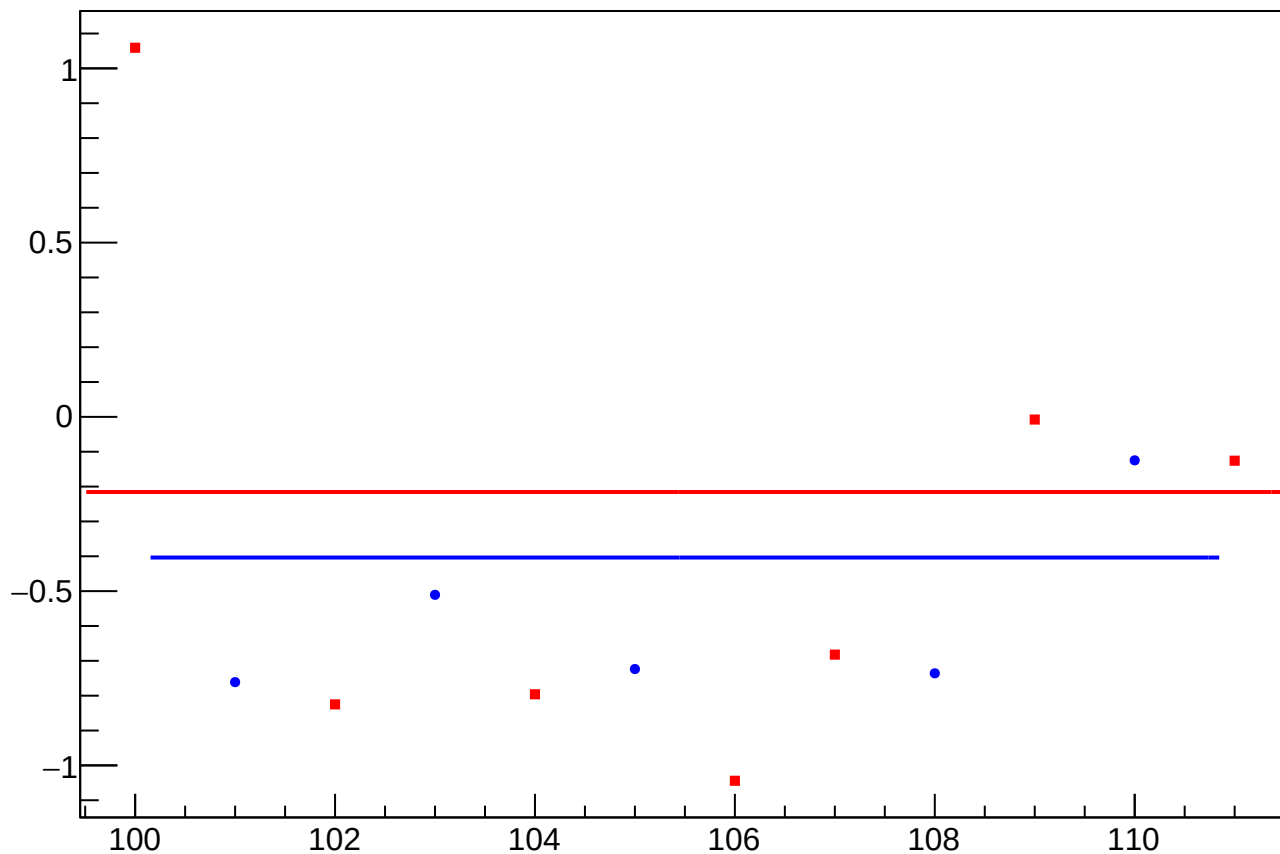
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 549930.8/6

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: 549930.8/6

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

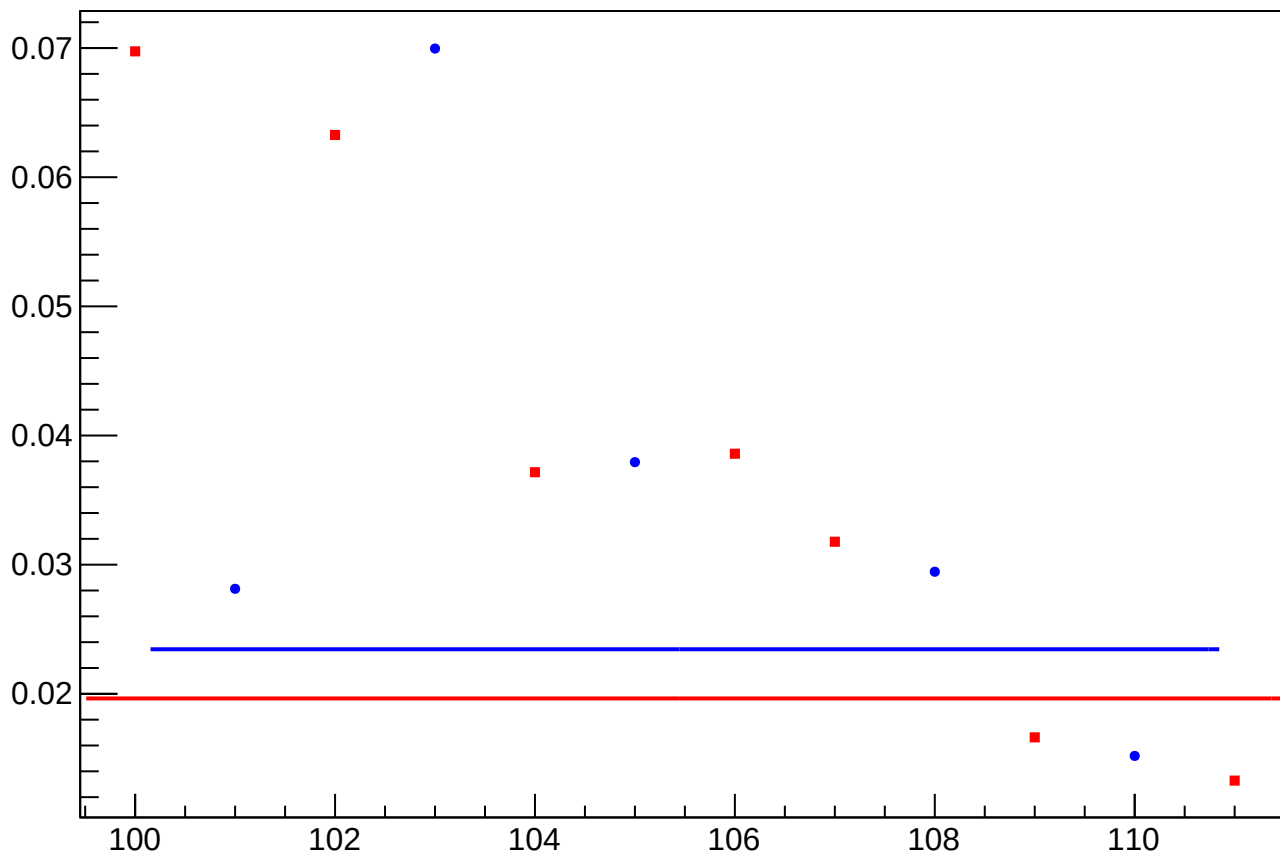
Right Out: -0.216+/-0.000 χ^2/NDF : 397754499.9/6

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

-0.404+/-0.000 χ^2/NDF : 212059360.4/4

-0.216+/-0.000 χ^2/NDF : 397754499.9/6

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

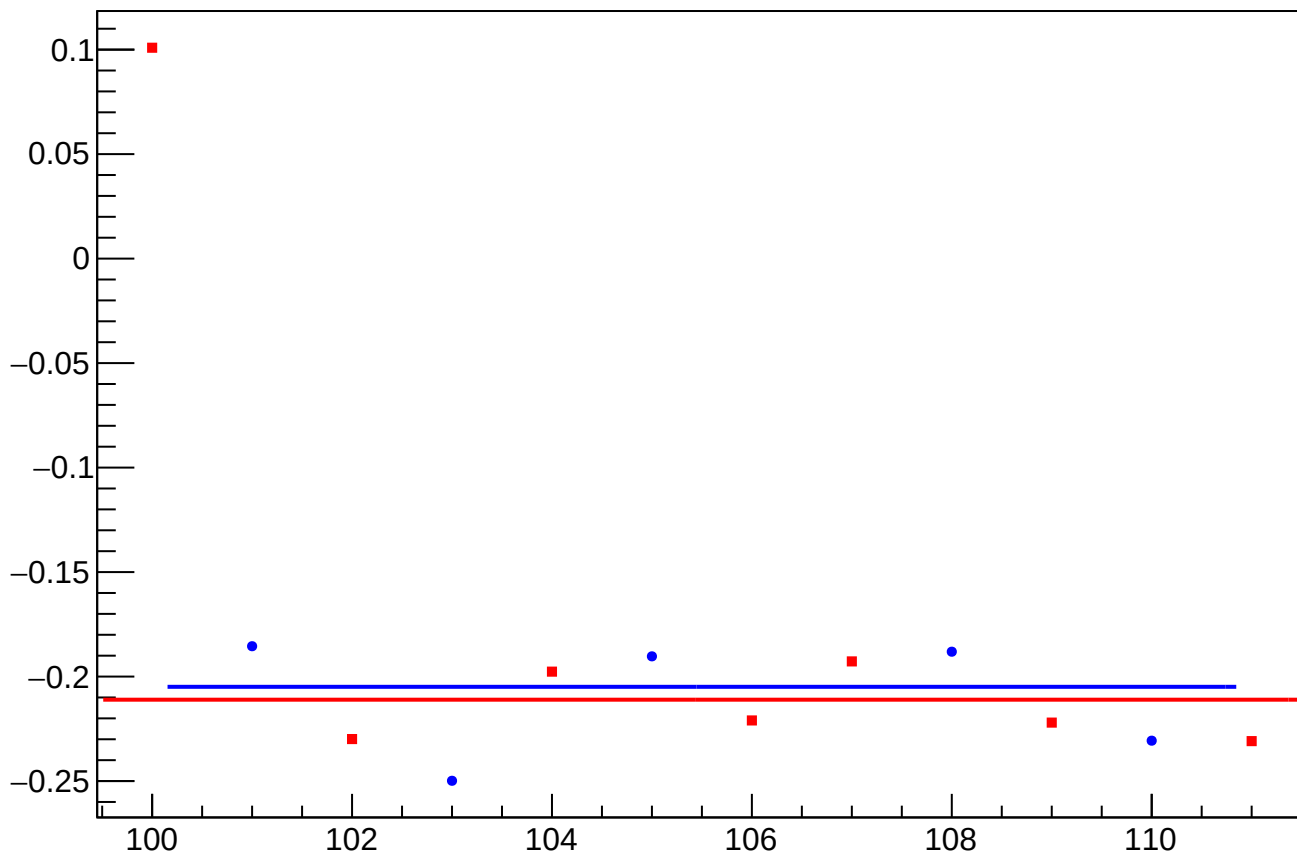
Right Out: 0.020+/-0.000 χ^2/NDF : 1066871.0/6

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

0.023+/-0.000 χ^2/NDF : 703252.7/4

0.020+/-0.000 χ^2/NDF : 1066871.0/6

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

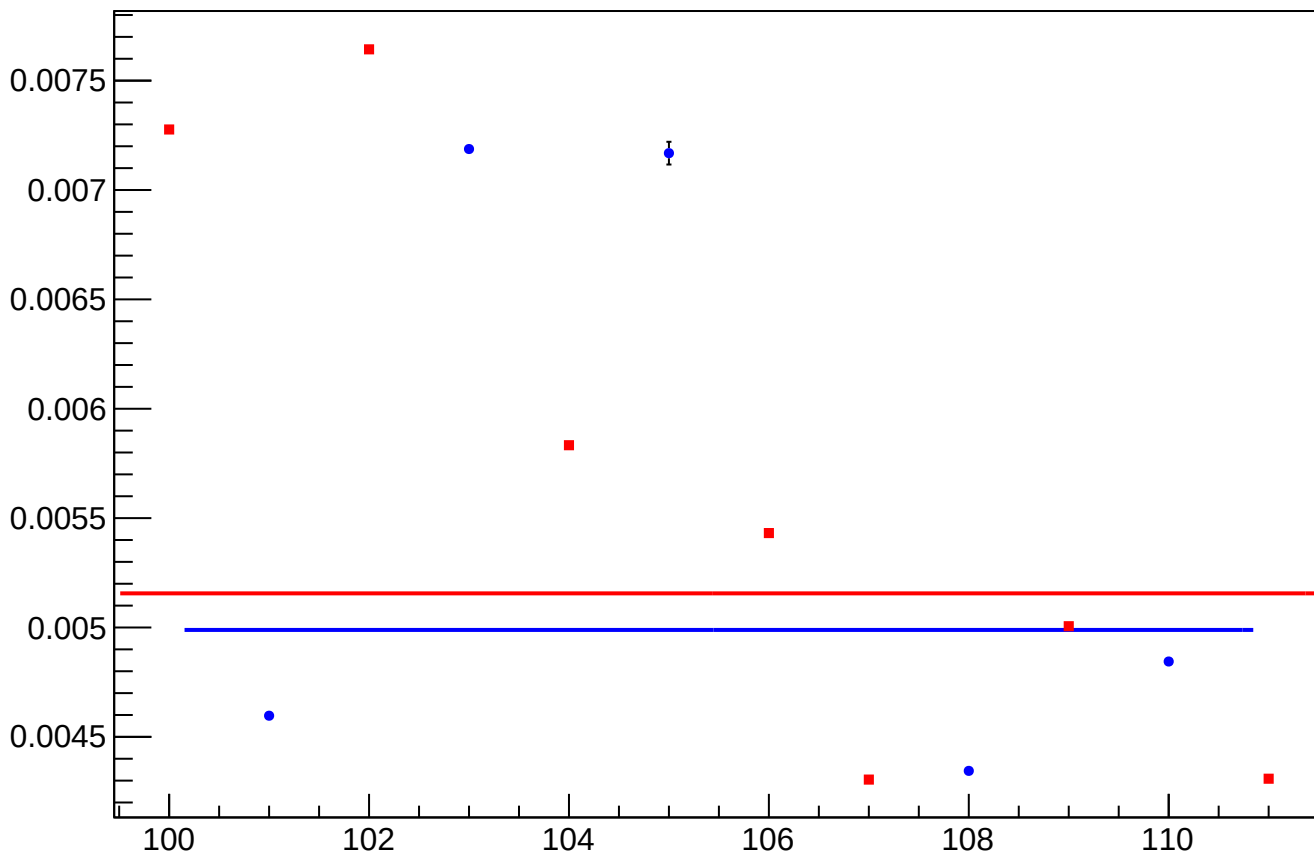
Right Out: -0.211+/-0.000 χ^2/NDF : 147223465.0/6

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

-0.205+/-0.000 χ^2/NDF : 43338945.3/4

-0.211+/-0.000 χ^2/NDF : 147223465.0/6

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

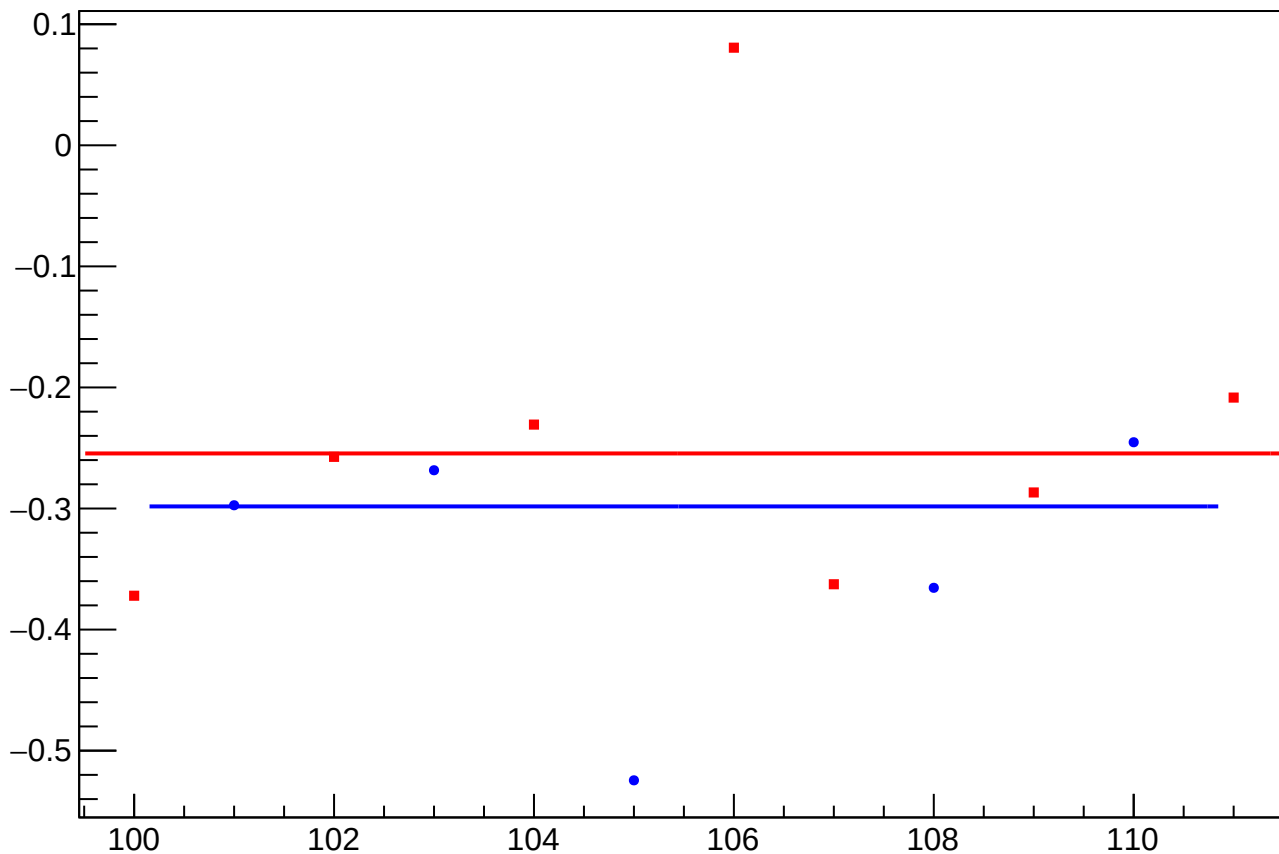
Right Out: 0.005+/-0.000 χ^2/NDF : 187317.8/6

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 : 187317.8/6

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

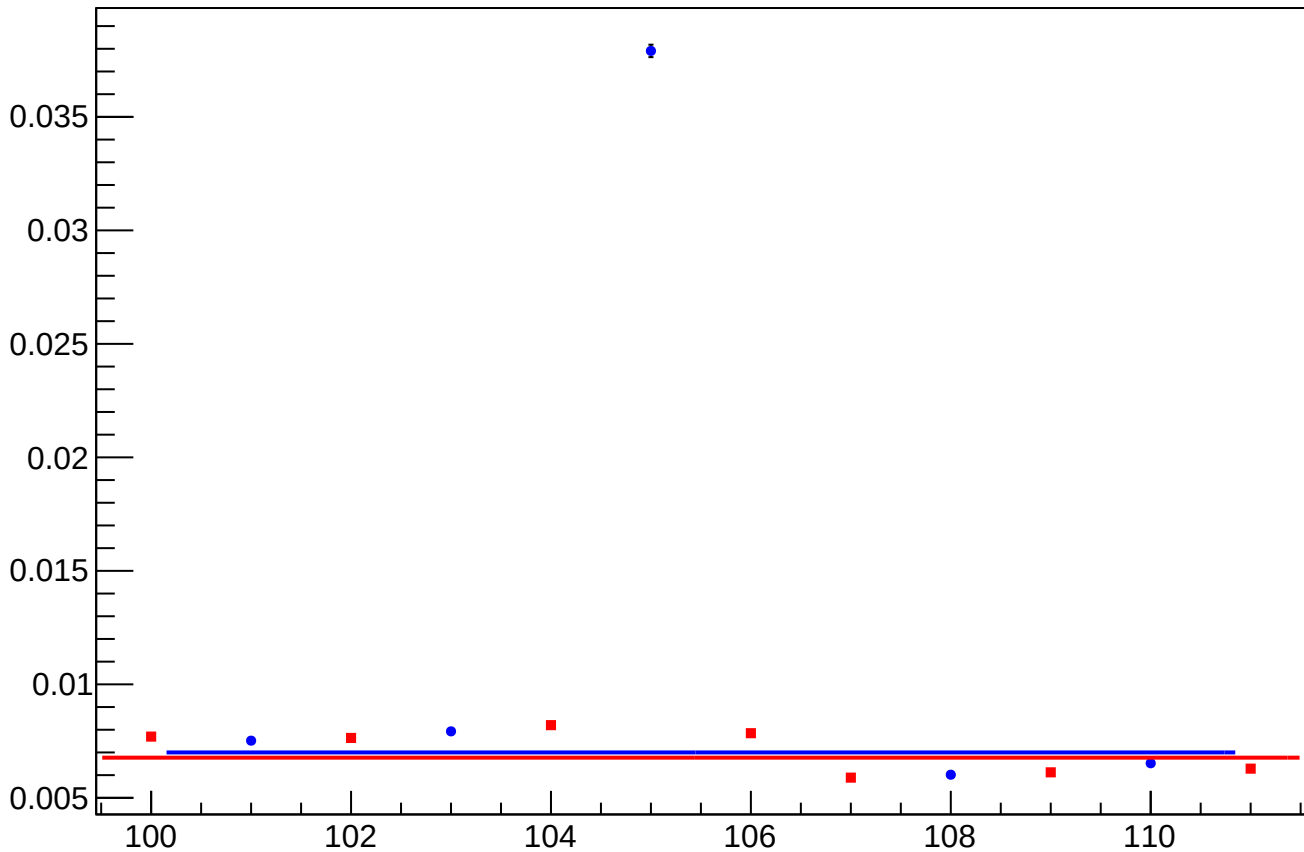
Right Out: -0.255+/-0.000 χ^2/NDF : 520573273.9/6

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

-0.298+/-0.000 χ^2/NDF : 77119718.8/4

-0.255+/-0.000 χ^2/NDF : 520573273.9/6

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

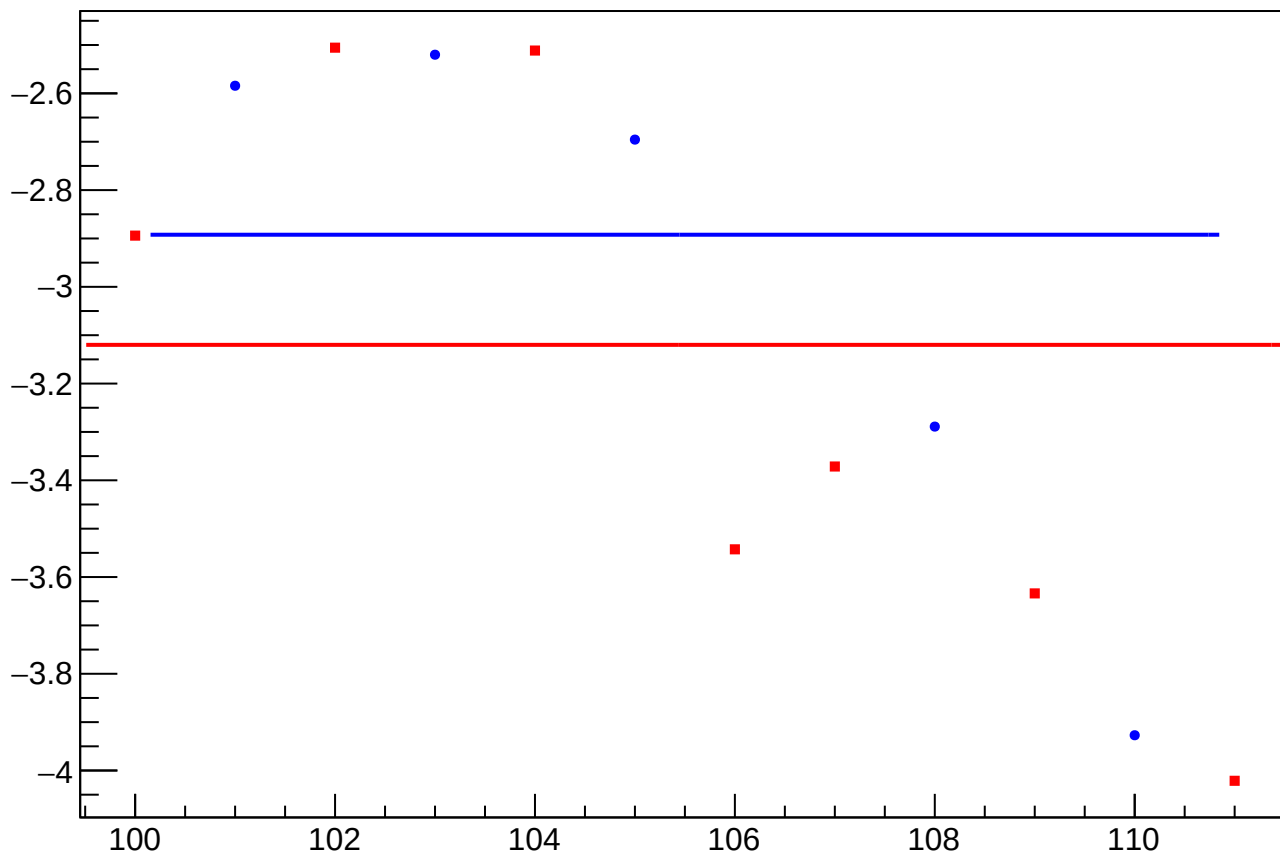
Right Out: 0.007+/-0.000 χ^2/NDF : 84566.5/6

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 : 84566.5/6

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

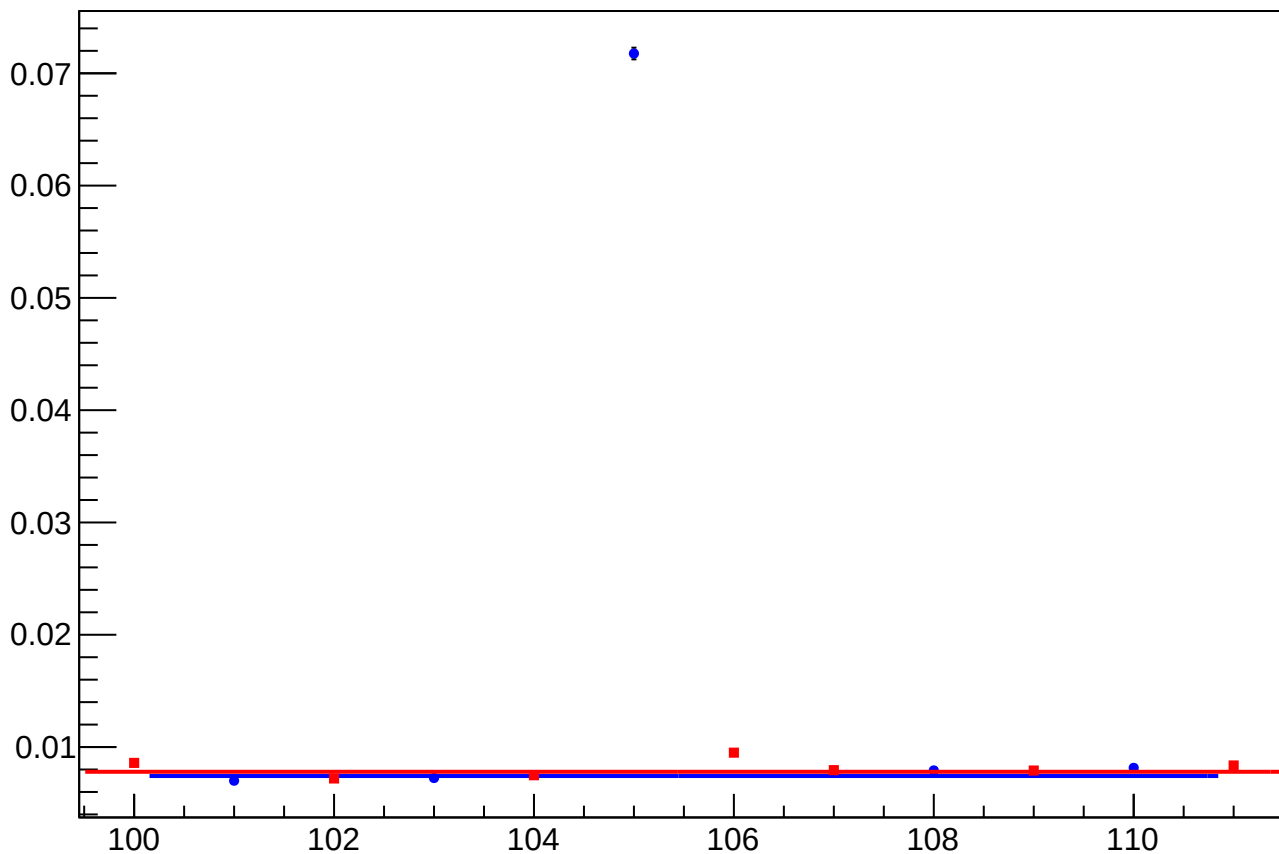
Right Out: -3.120+/-0.000 χ^2/NDF : 14678355792.1/6

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

-2.892+/-0.000 χ^2/NDF : 8821959926.6/4

-3.120+/-0.000 χ^2/NDF : 14678355792.1/6

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

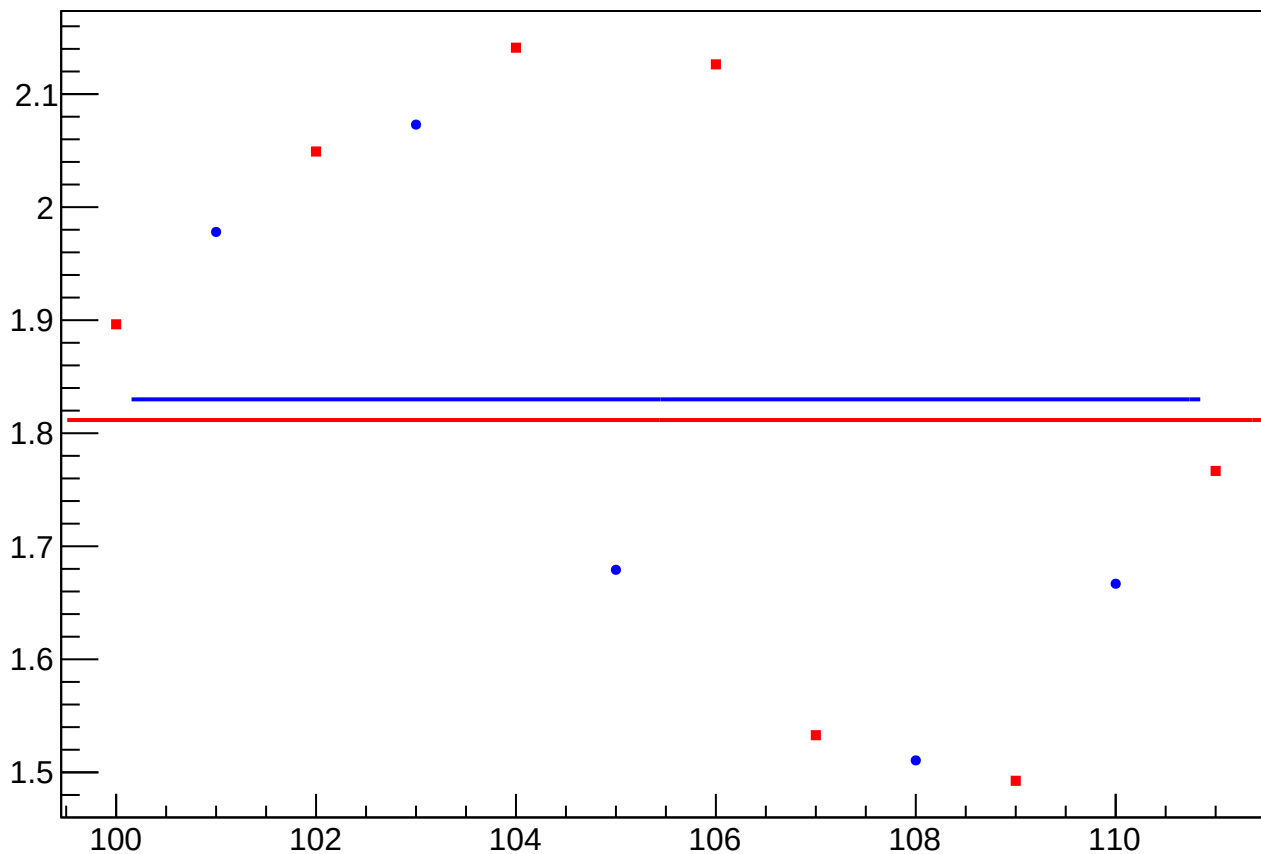
Right Out: 0.008+/-0.000 χ^2/NDF : 23892.9/6

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 : 23892.9/6

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

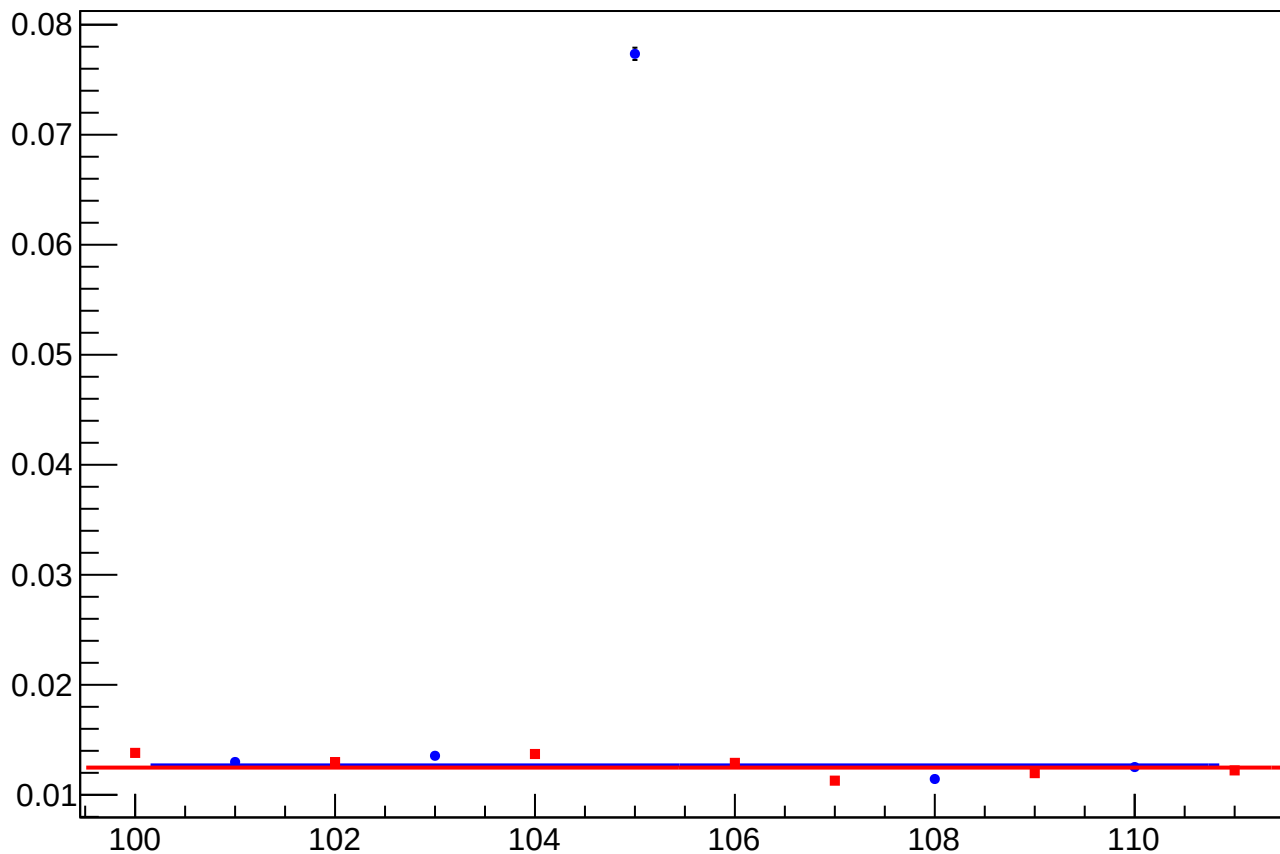
Right Out: 1.812+/-0.000 χ^2/NDF : 1137854674.1/6

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

1.830+/-0.000 χ^2/NDF : 606409983.8/4

1.812+/-0.000 χ^2/NDF : 1137854674.1/6

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

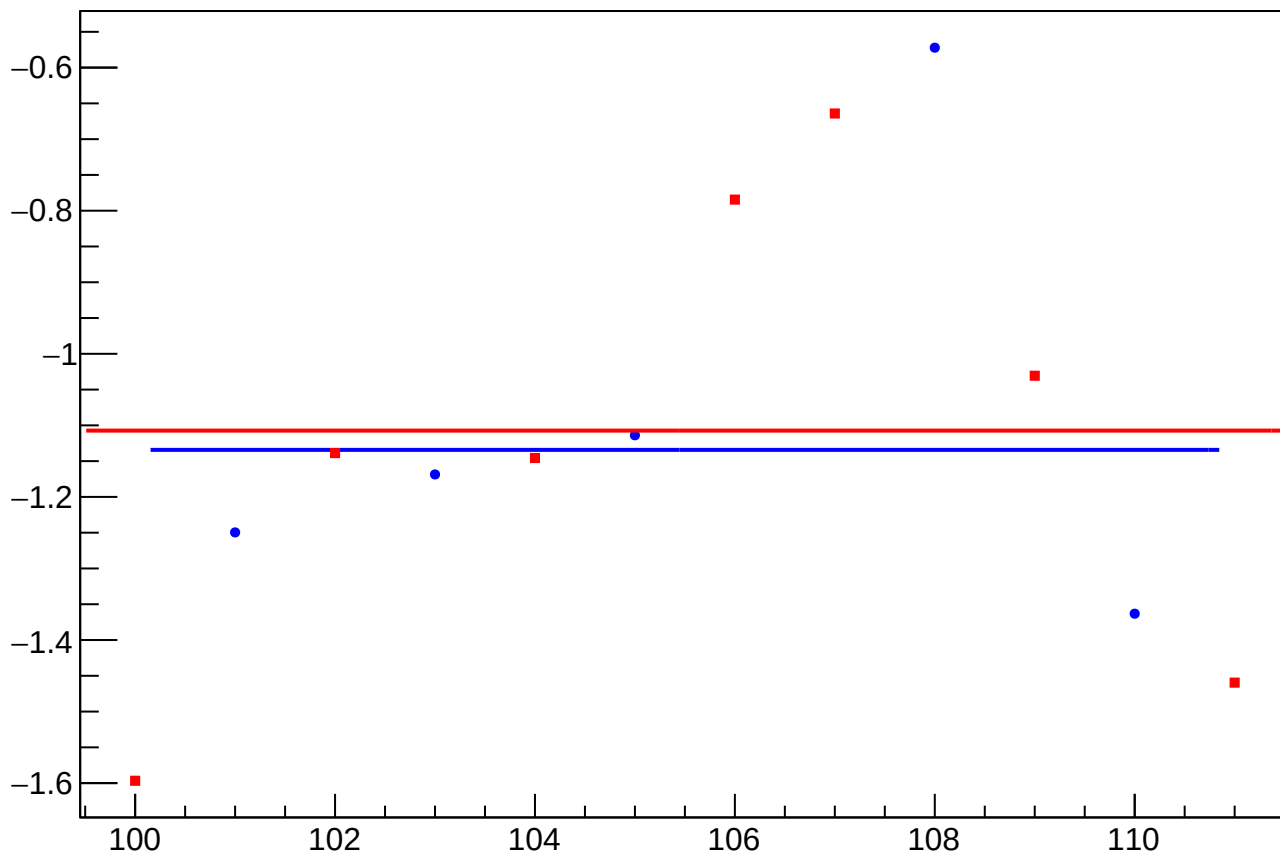
Right Out: 0.012+/-0.000 χ^2/NDF : 21109.4/6

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

0.013+/-0.000 χ^2/NDF : 27587.3/4

0.012+/-0.000 χ^2/NDF : 21109.4/6

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

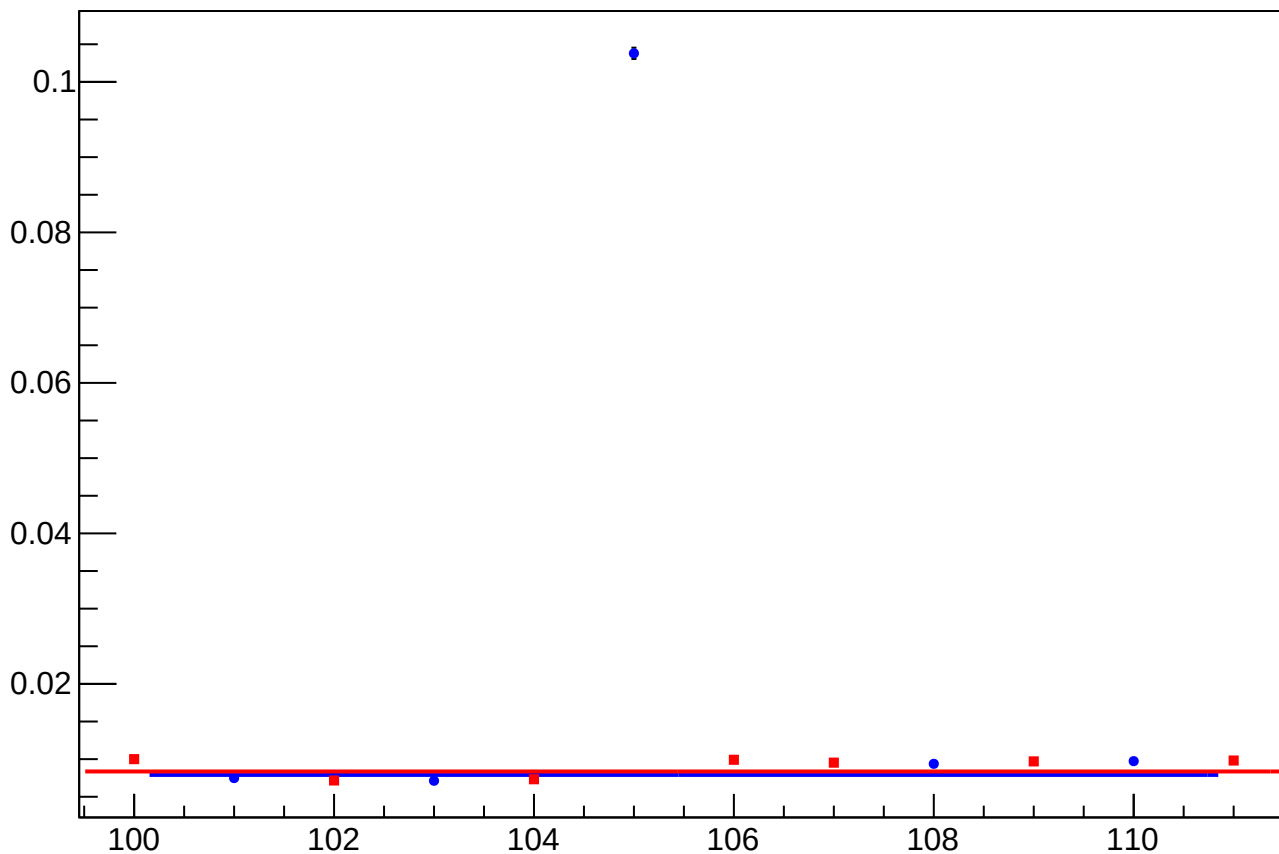
Right Out: -1.107+/-0.000 χ^2/NDF : 1619473666.5/6

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

-1.134+/-0.000 χ^2/NDF : 1614437871.9/4

-1.107+/-0.000 χ^2/NDF : 1619473666.5/6

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

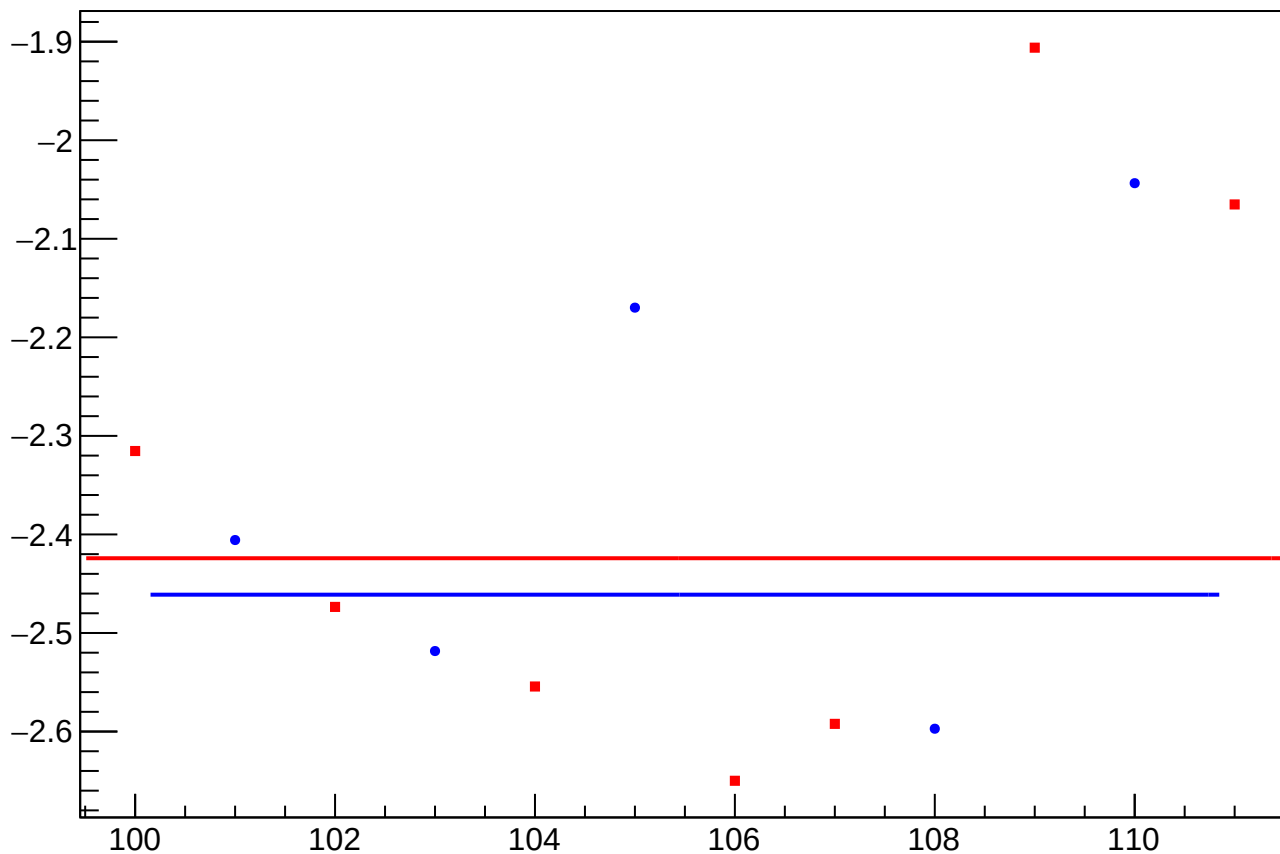
Right Out: 0.008+/-0.000 χ^2/NDF : 104877.6/6

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 : 104877.6/6

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

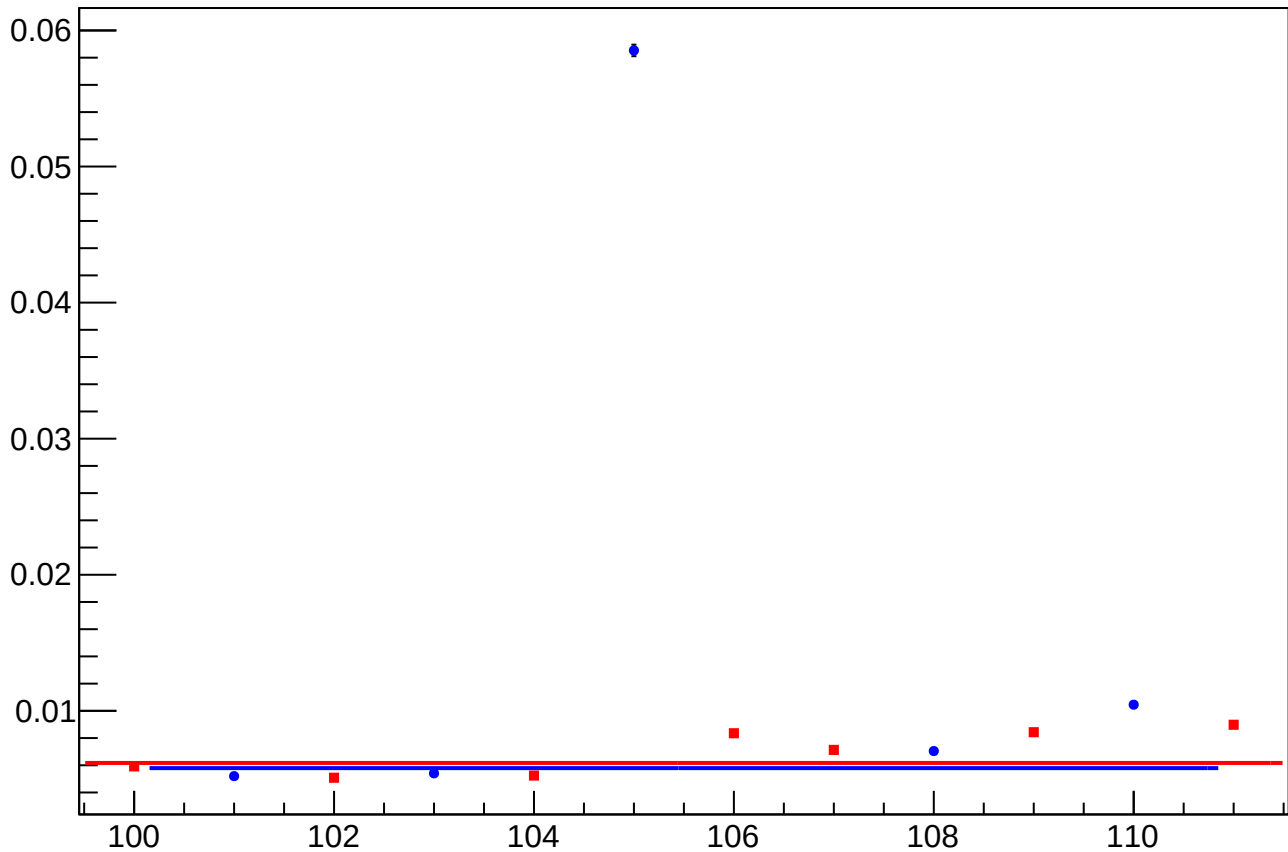
Right Out: -2.424+/-0.000 χ^2/NDF : 2814245211.2/6

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

-2.461+/-0.000 χ^2/NDF : 642419649.1/4

-2.424+/-0.000 χ^2/NDF : 2814245211.2/6

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

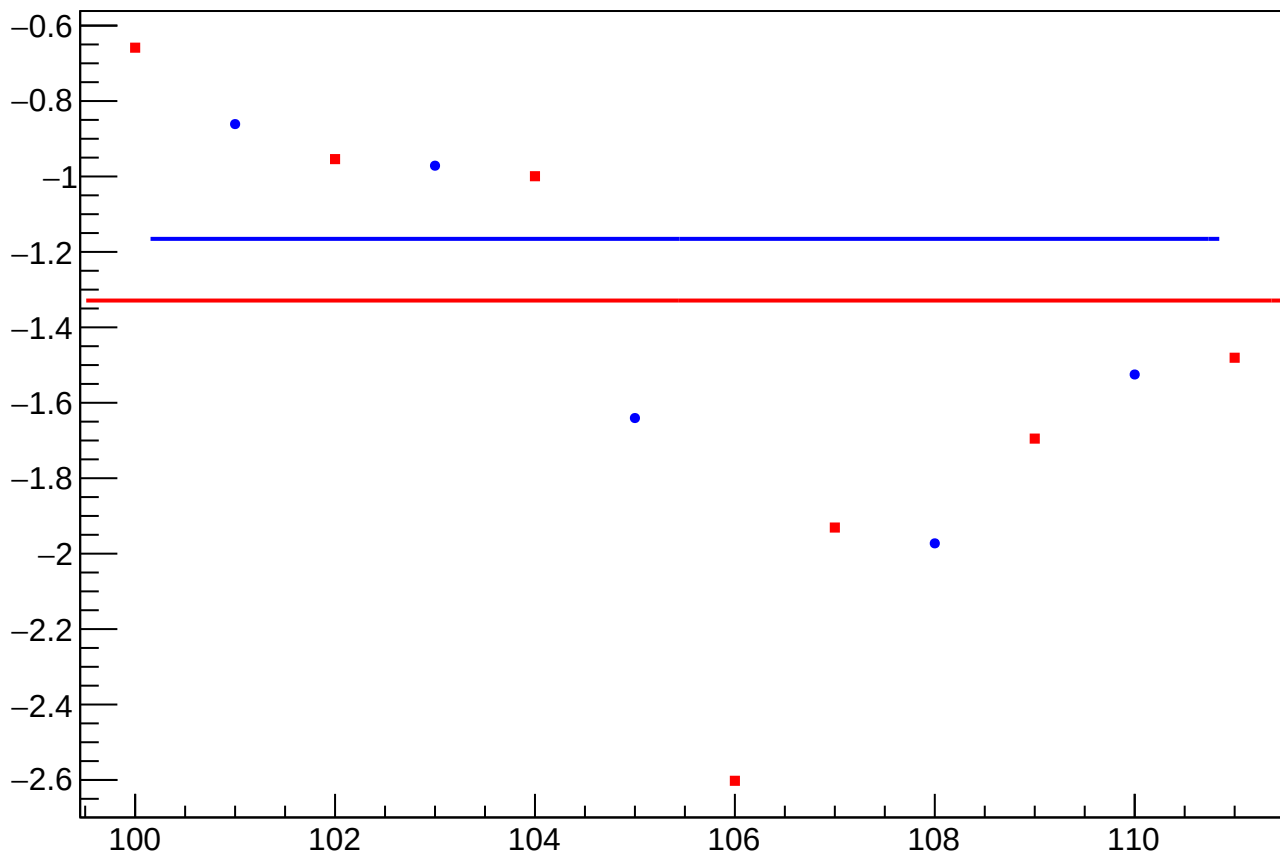
Right Out: 0.006+/-0.000 χ^2/NDF : 249729.1/6

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 : 249729.1/6

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

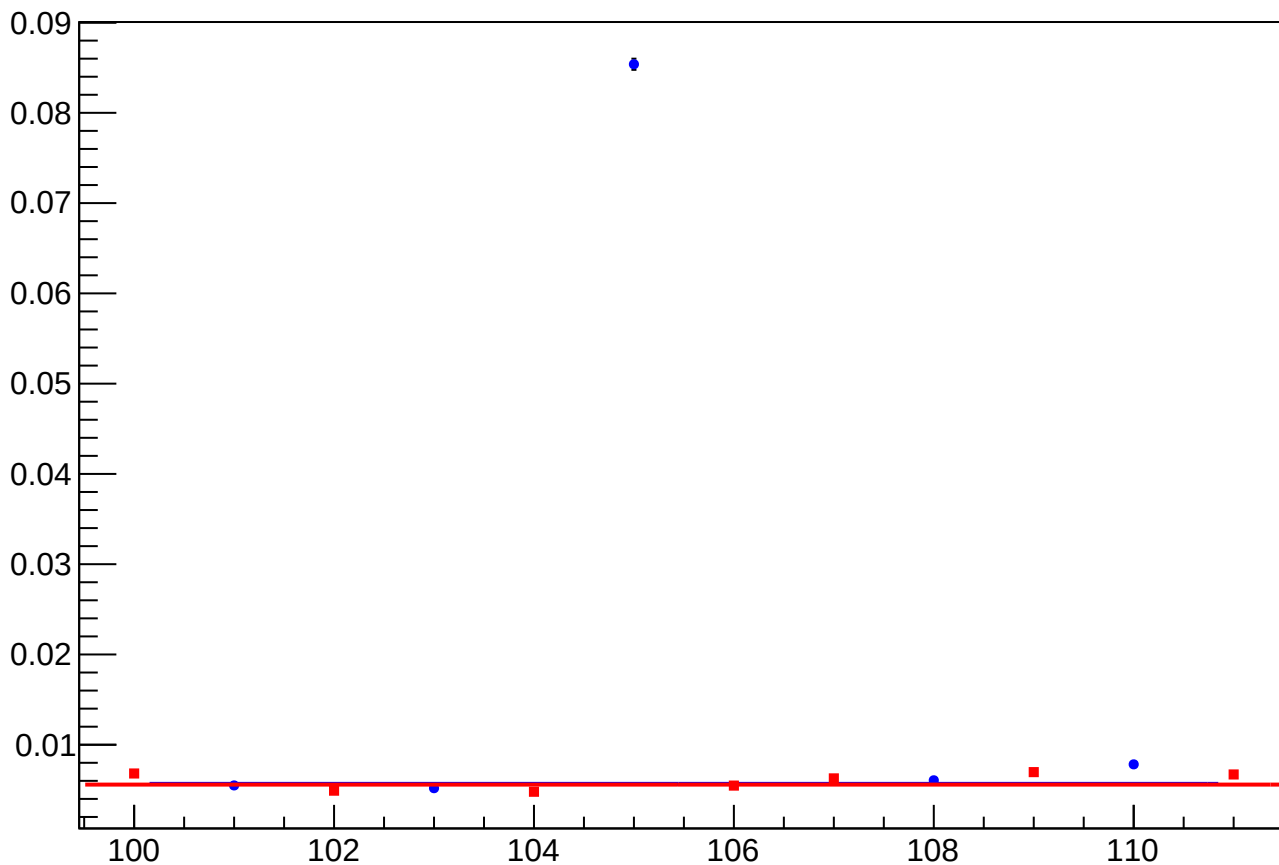
Right Out: -1.329+/-0.000 χ^2/NDF : 17327543145.0/6

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

-1.165+/-0.000 χ^2/NDF : 9488580994.1/4

-1.329+/-0.000 χ^2/NDF : 17327543145.0/6

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

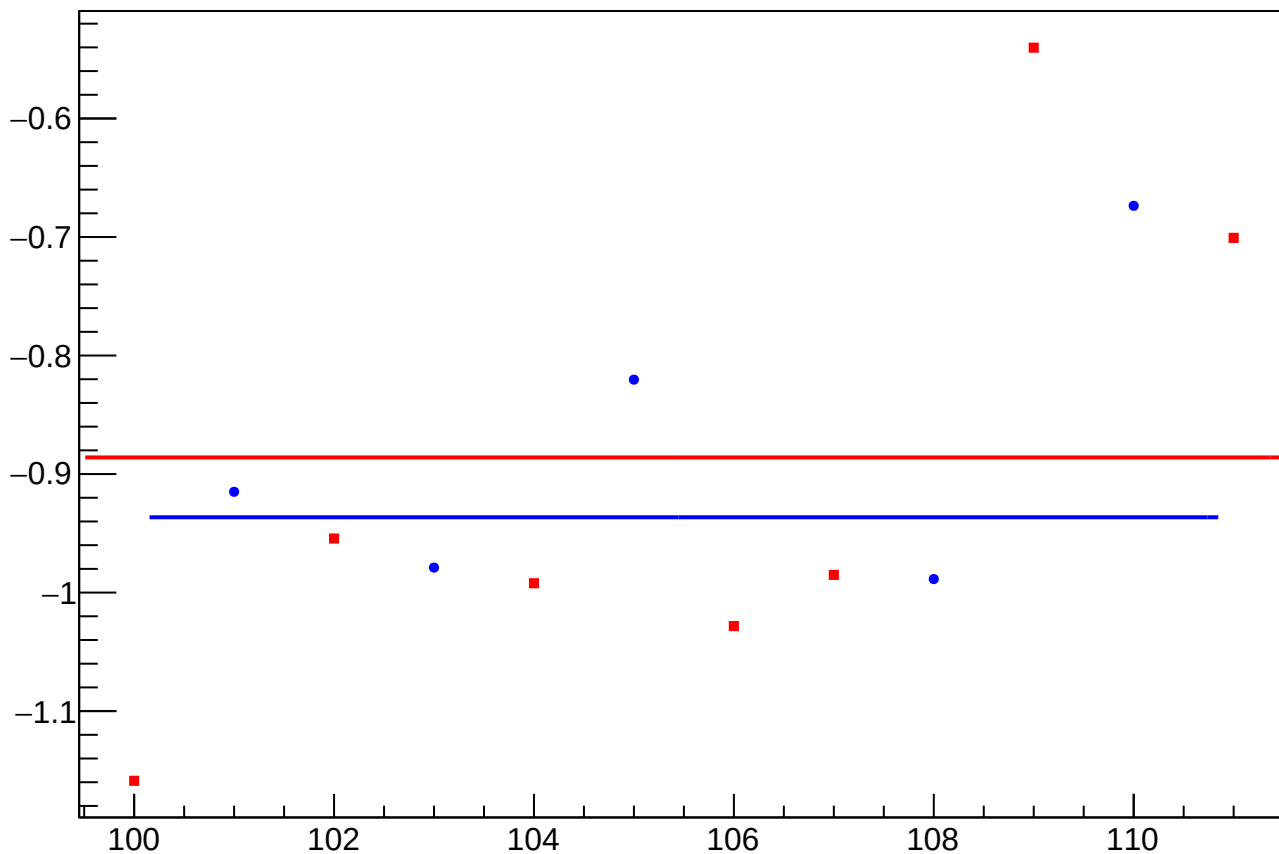
Right Out: 0.006+/-0.000 χ^2/NDF : 114043.6/6

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

0.006+/-0.000 χ^2/NDF : 67798.8/4

0.006+/-0.000 χ^2/NDF : 114043.6/6

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

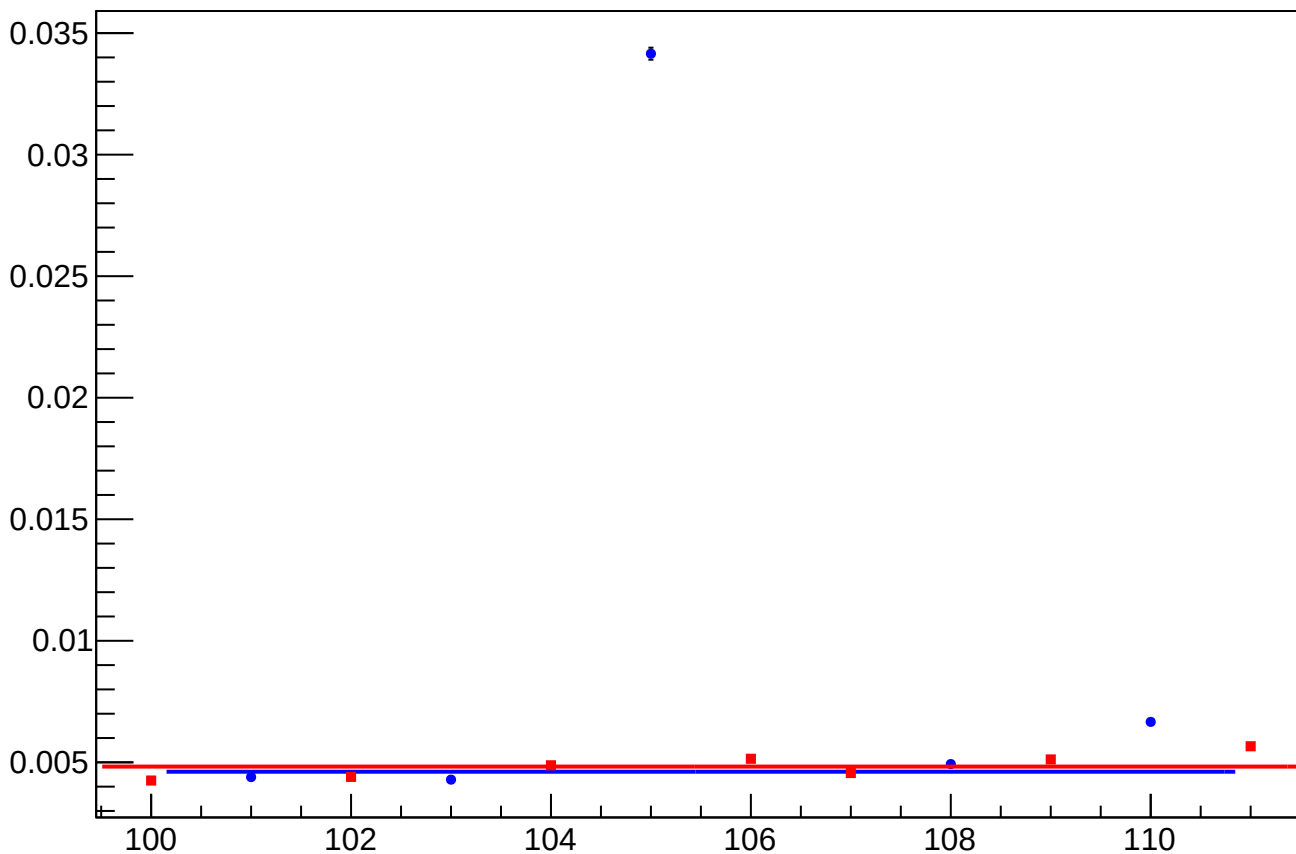
Right Out: -0.886+/-0.000 χ^2/NDF : 3174749695.3/6

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

-0.936+/-0.000 χ^2/NDF : 481822762.1/4

-0.886+/-0.000 χ^2/NDF : 3174749695.3/6

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

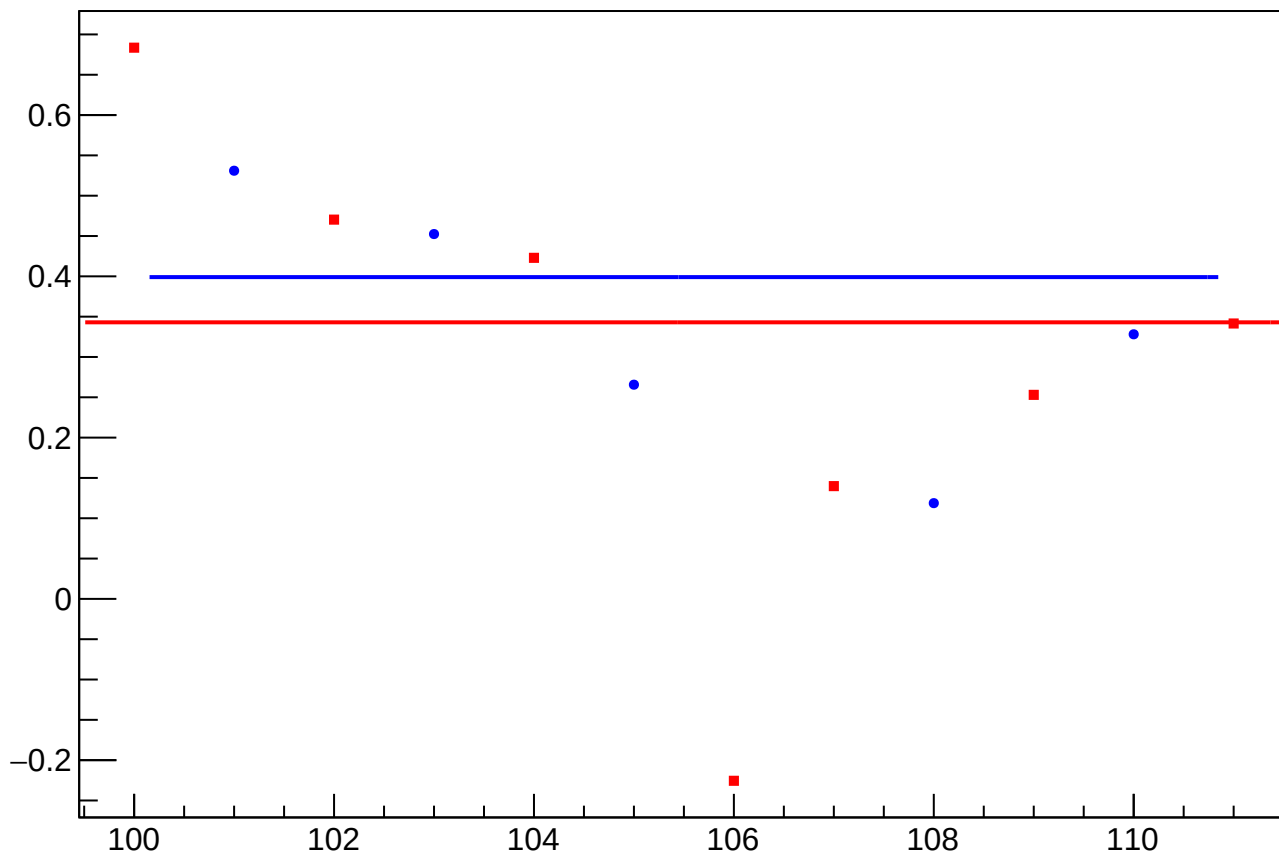
Right Out: 0.005+/-0.000 χ^2/NDF : 36653.0/6

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 : 36653.0/6

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

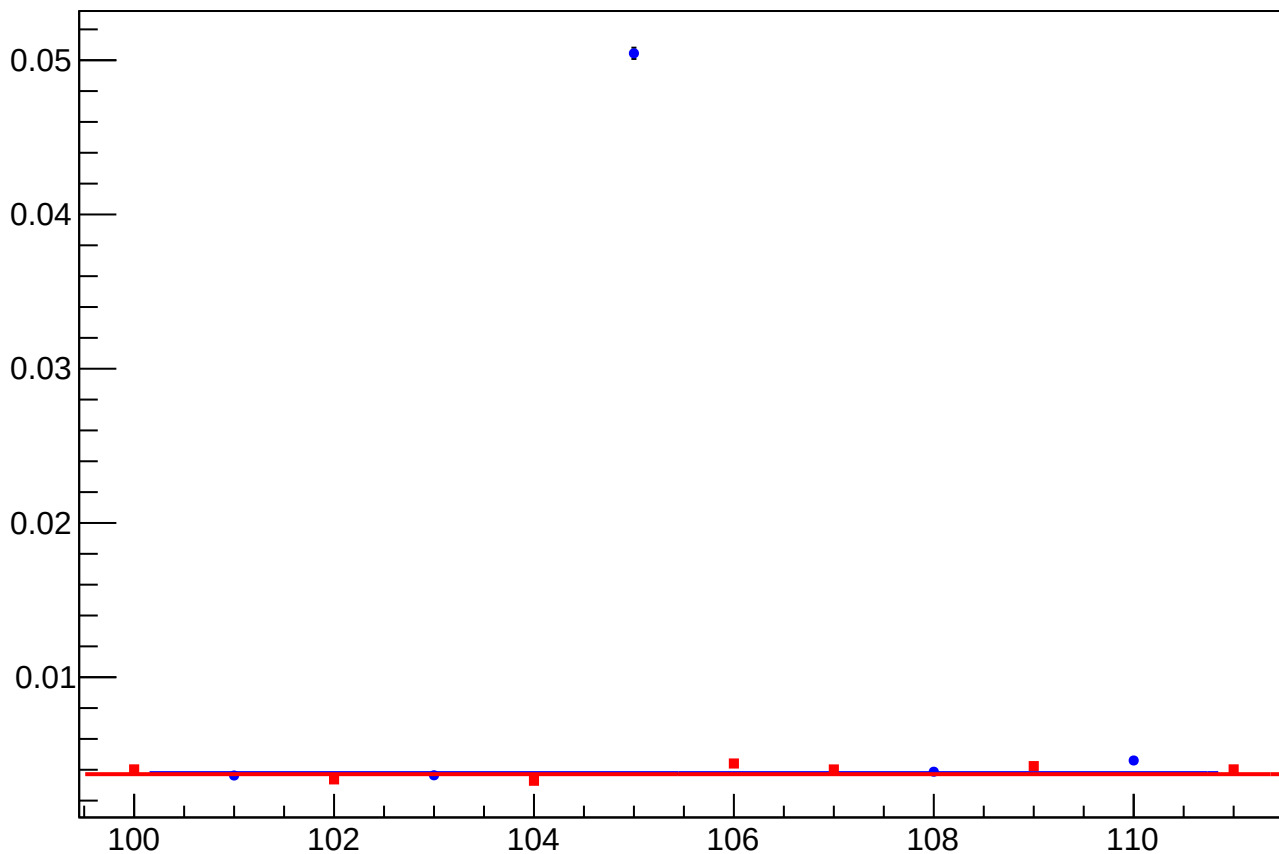
Right Out: 0.343+/-0.000 χ^2/NDF : 4835883055.1/6

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 : 4835883055.1/6

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

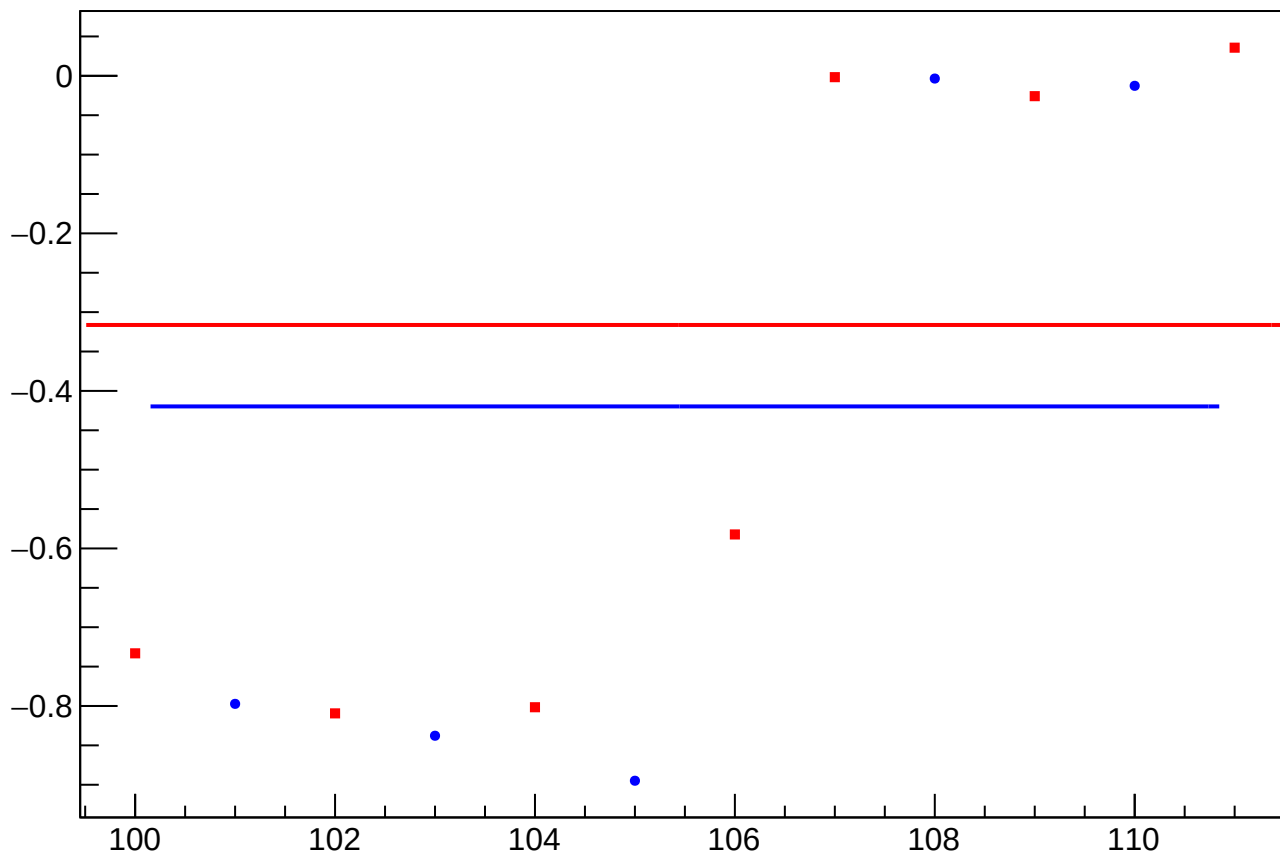
Right Out: 0.004+/-0.000 χ^2/NDF : 55970.5/6

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 : 55970.5/6

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

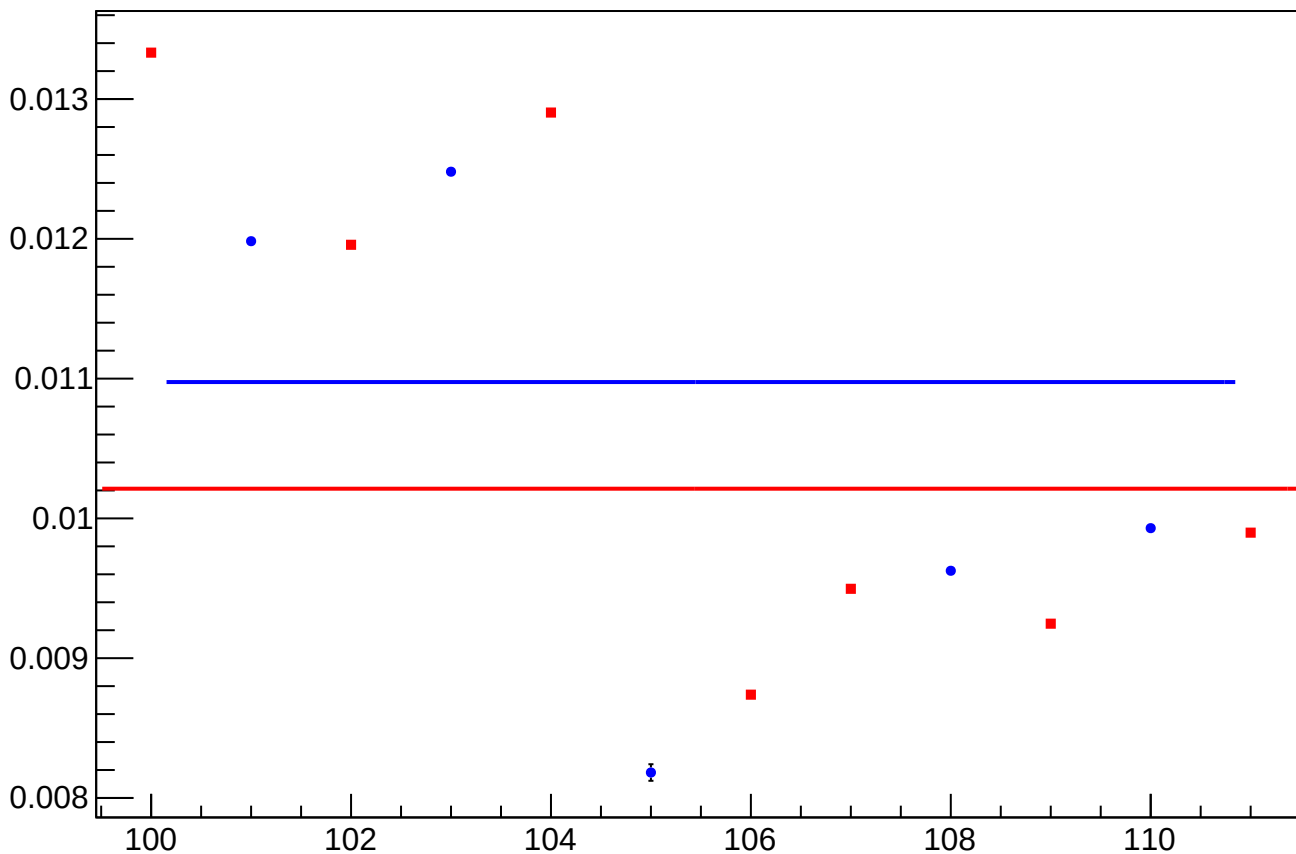
Right Out: -0.316+/-0.000 χ^2/NDF : 3408683354.8/6

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

-0.420+/-0.000 χ^2/NDF : 2537666647.0/4

-0.316+/-0.000 χ^2/NDF : 3408683354.8/6

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

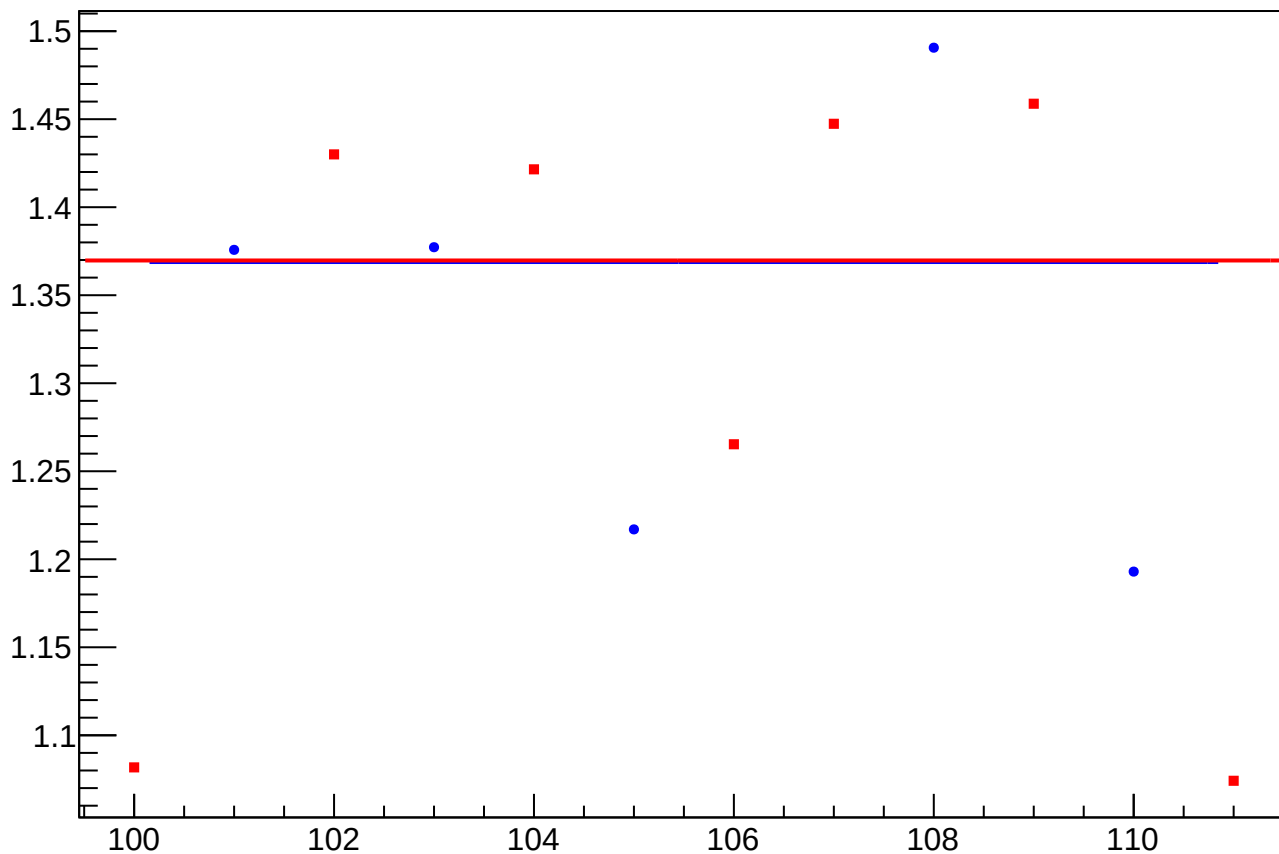
Right Out: 0.010+/-0.000 χ^2/NDF : 106897.8/6

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

0.011+/-0.000 χ^2/NDF : 49488.0/4

0.010+/-0.000 χ^2/NDF : 106897.8/6

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

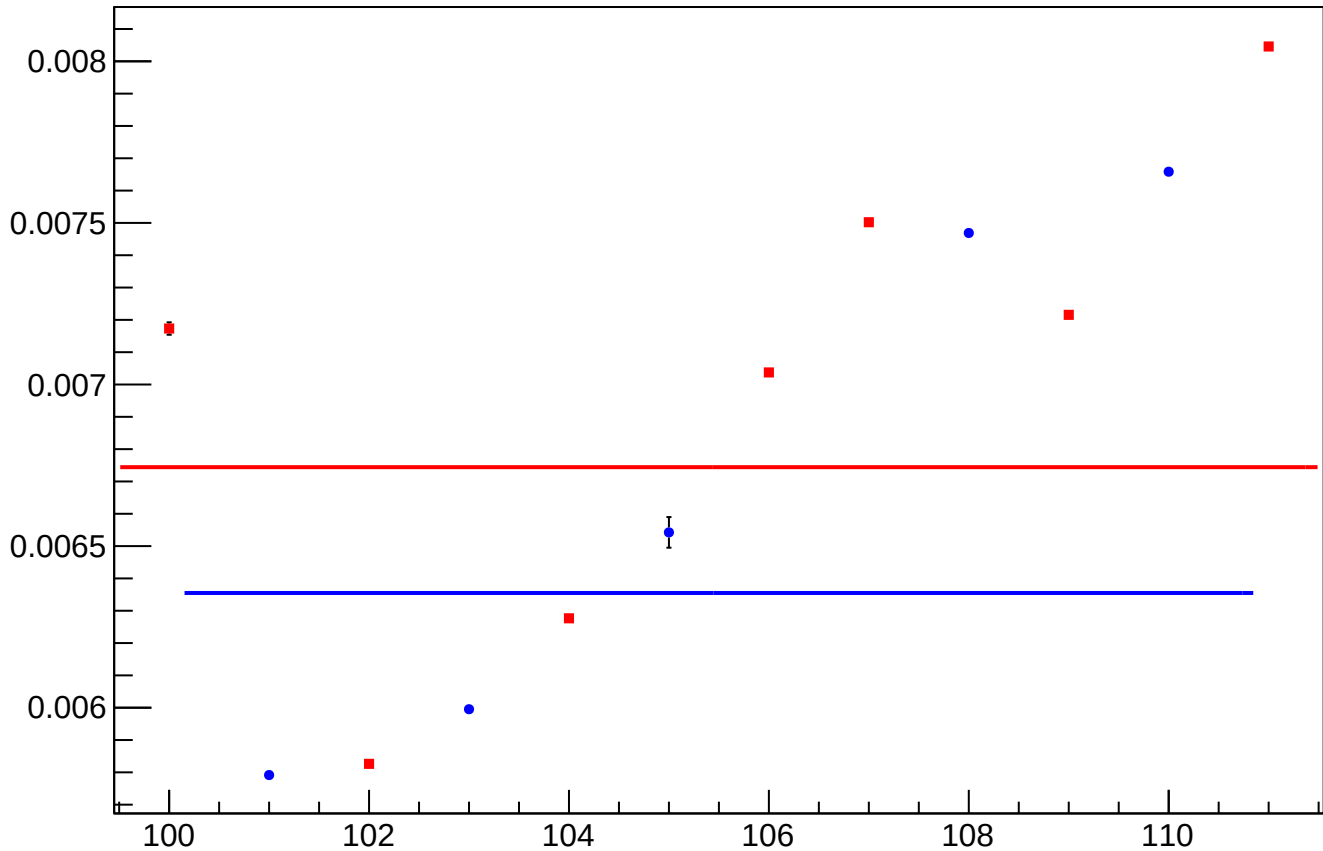
Right Out: 1.370+/-0.000 χ^2/NDF : 962602313.3/6

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

1.369+/-0.000 χ^2/NDF : 290253024.0/4

1.370+/-0.000 χ^2/NDF : 962602313.3/6

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

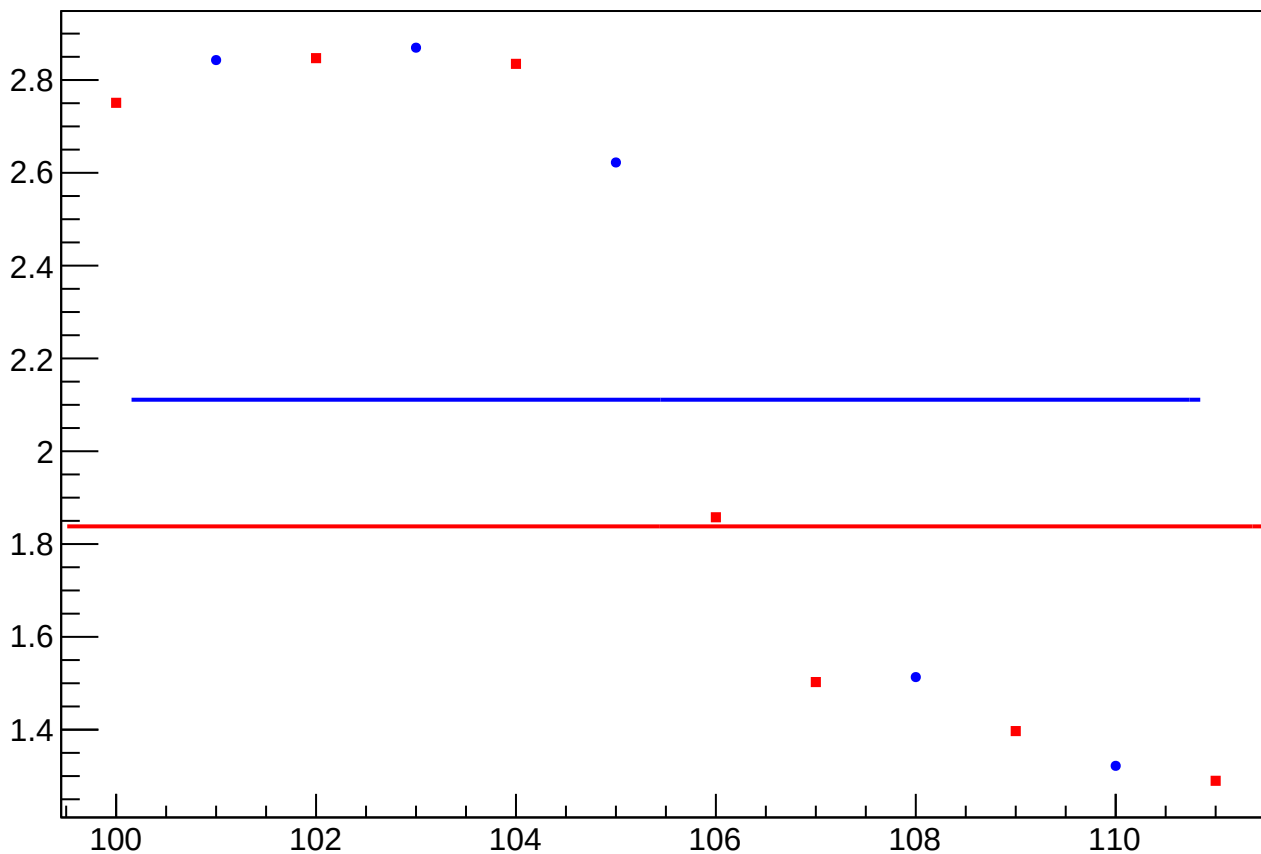
Right Out: 0.007+/-0.000 χ^2/NDF : 67735.2/6

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 : 67735.2/6

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

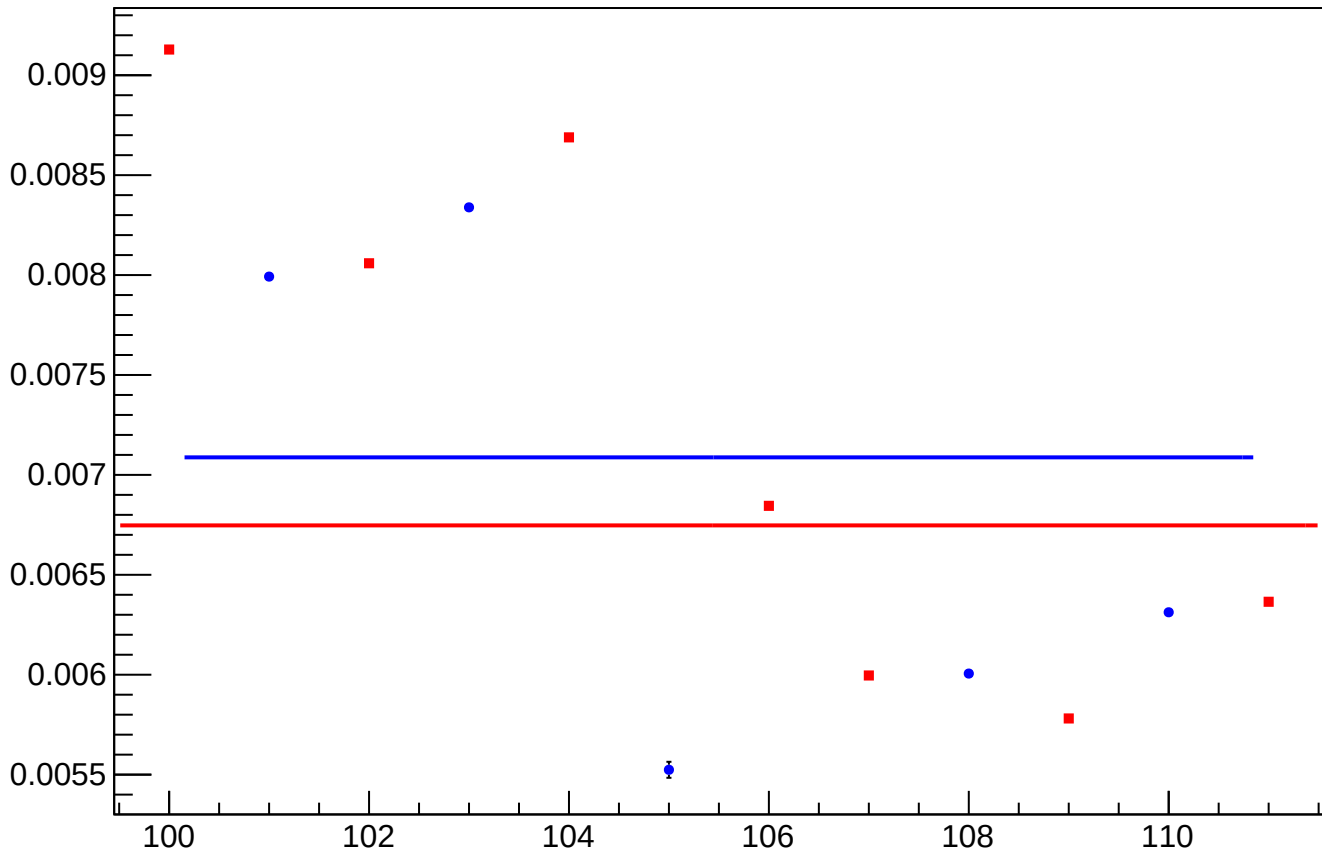
2.111+/-0.000 χ^2/NDF : 18802514001.7/4

Right Out: 1.838+/-0.000 χ^2/NDF : 22998309782.6/6

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

1.838+/-0.000 χ^2/NDF : 22998309782.6/6

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

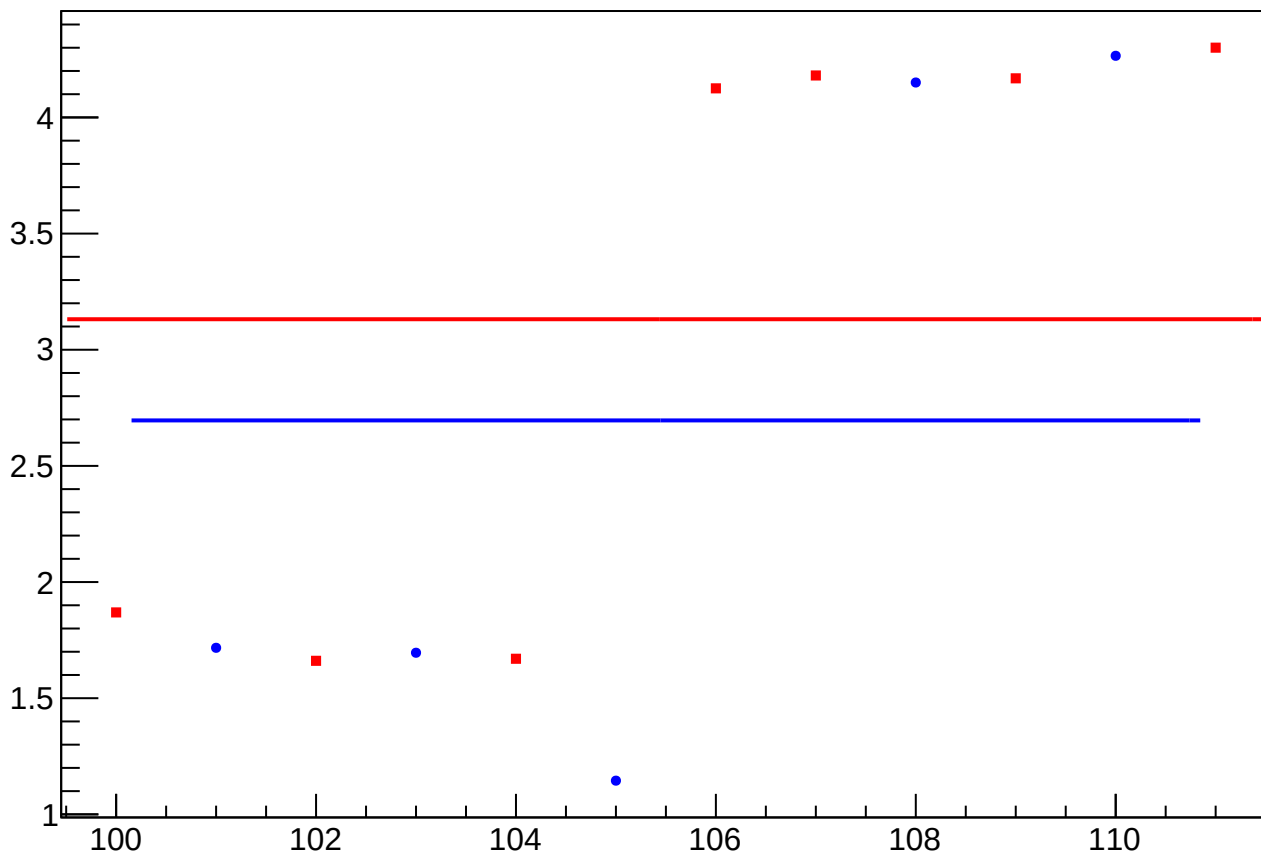
0.007+/-0.000 χ^2/NDF : 76882.4/4

Right Out: 0.007+/-0.000 χ^2/NDF : 130588.9/6

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

0.007+/-0.000 χ^2/NDF : 130588.9/6

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

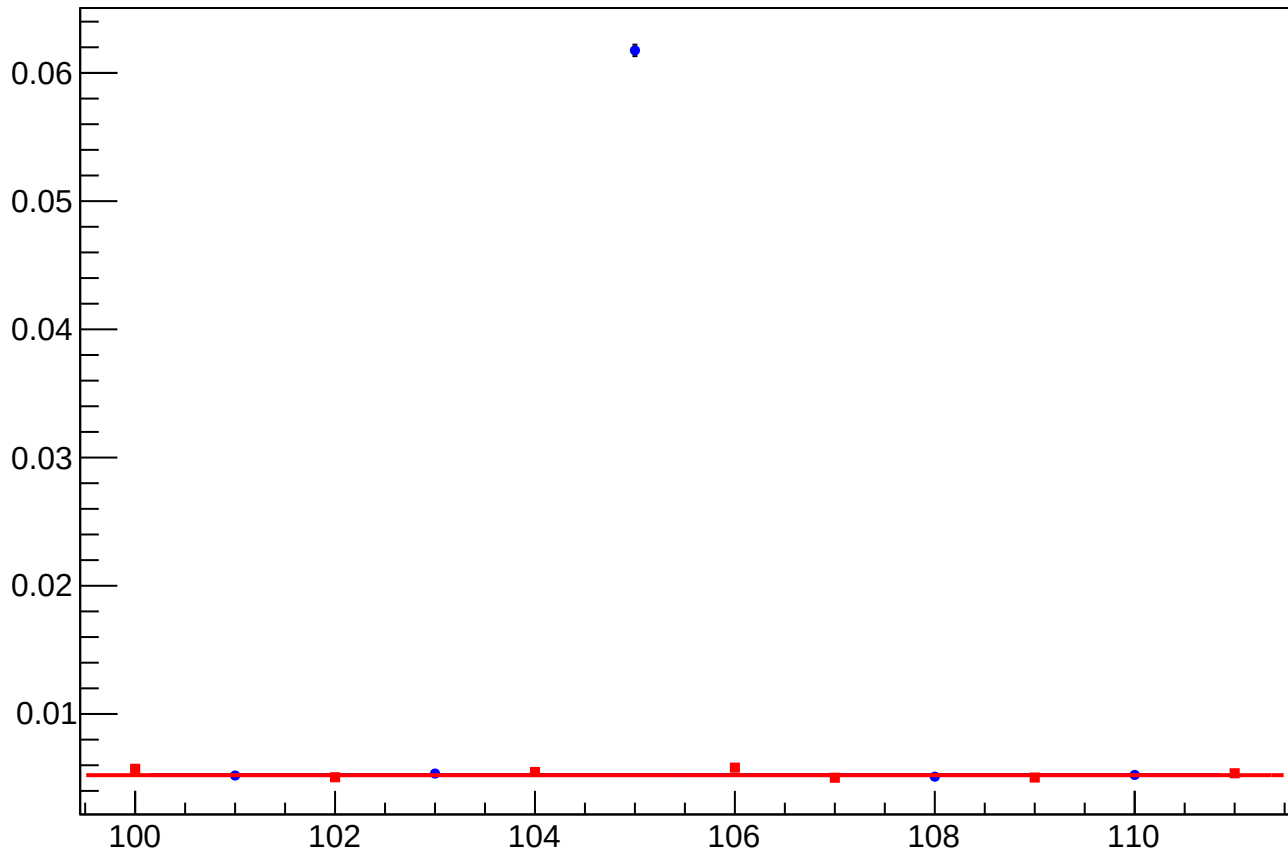
Right Out: 3.131+/-0.000 χ^2/NDF : 146362550886.7/6

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

2.696+/-0.000 χ^2/NDF : 101900914593.9/4

3.131+/-0.000 χ^2/NDF : 146362550886.7/6

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

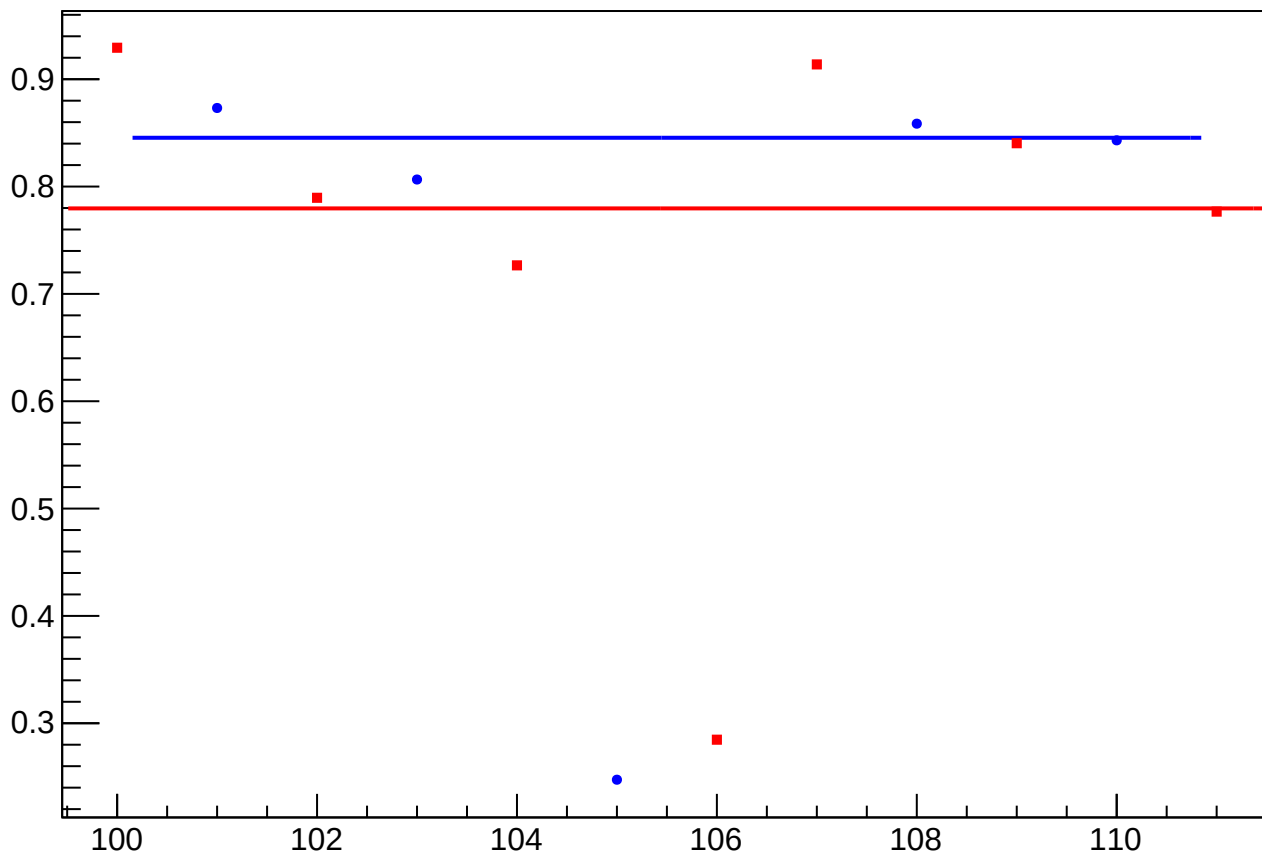
Right Out: 0.005+/-0.000 χ^2/NDF : 10537.6/6

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 : 10537.6/6

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

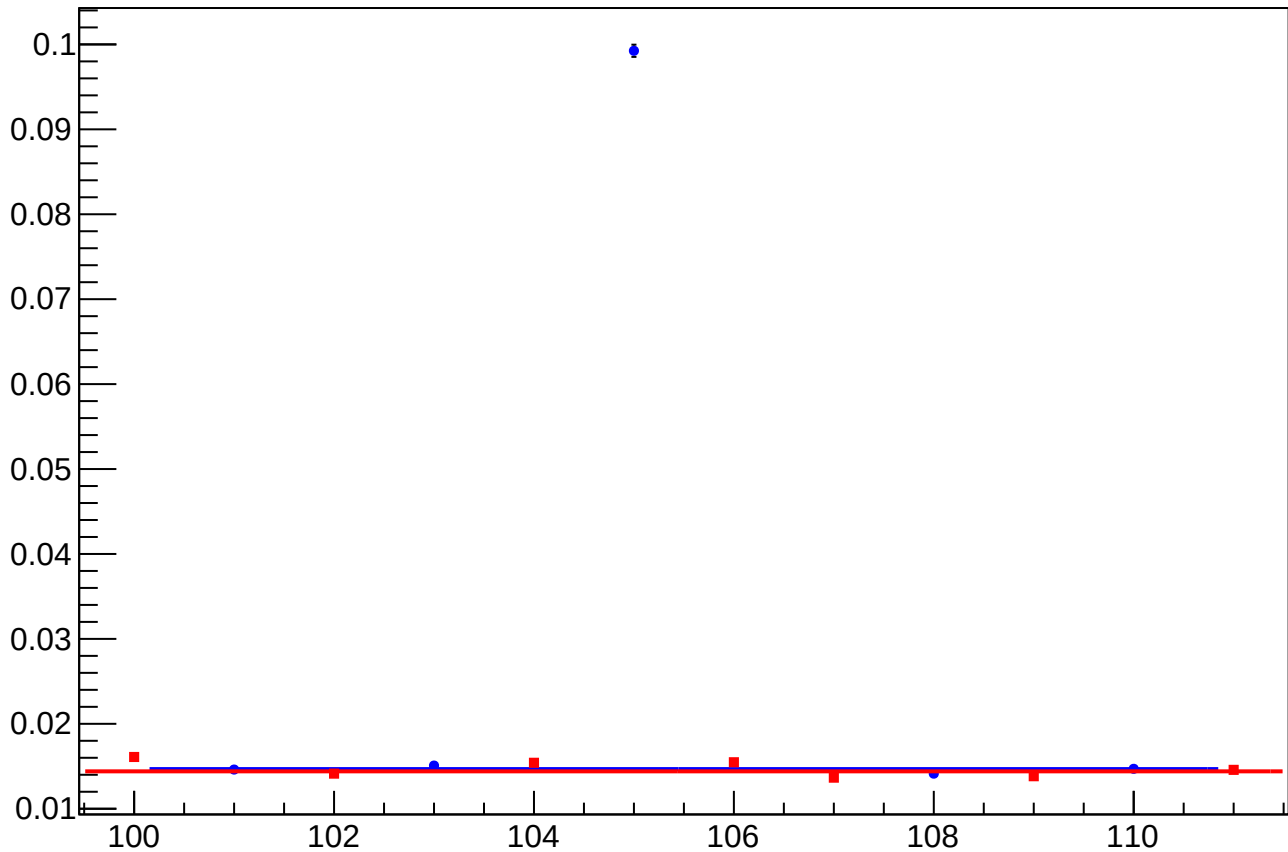
Right Out: 0.780+/-0.000 χ^2/NDF : 239371799.4/6

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 : 239371799.4/6

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

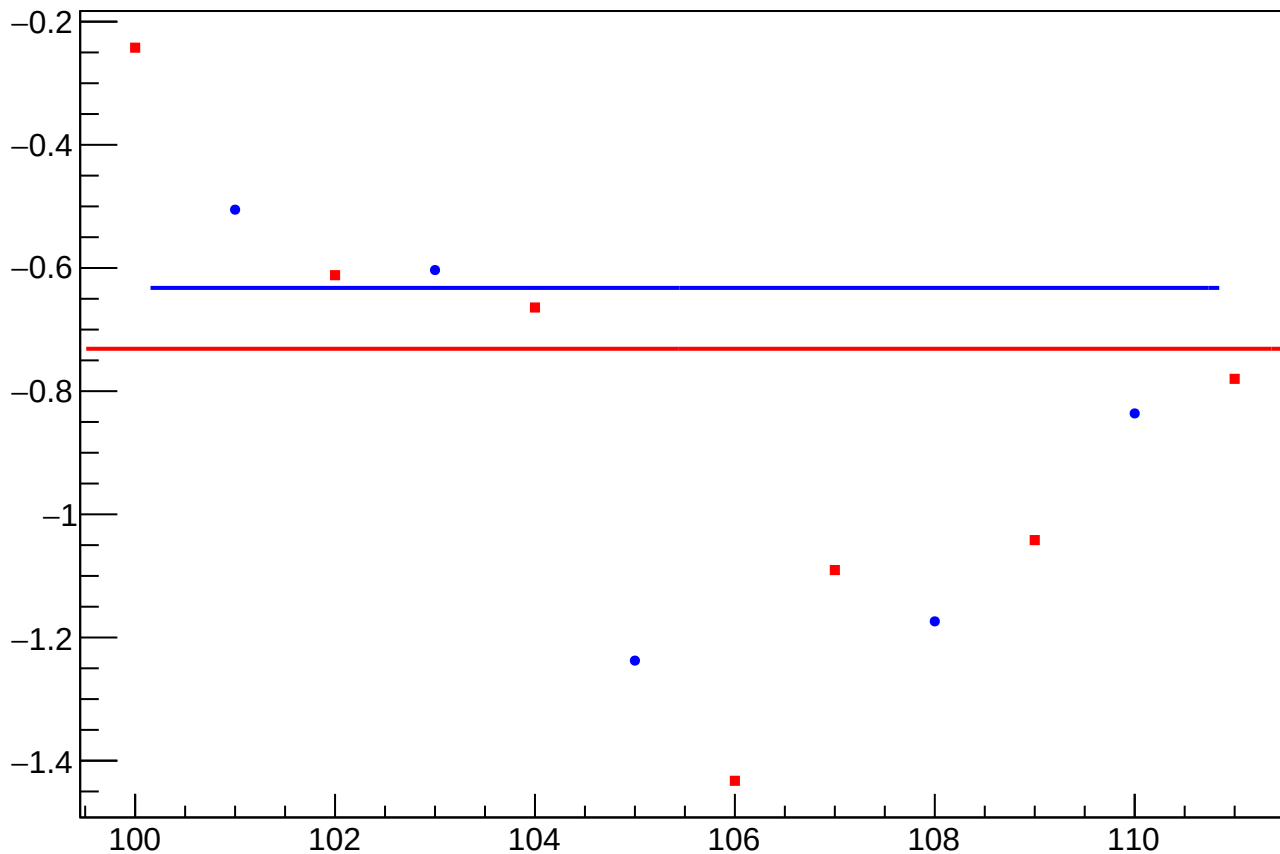
Right Out: 0.014+/-0.000 χ^2/NDF : 11857.1/6

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 : 11857.1/6

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

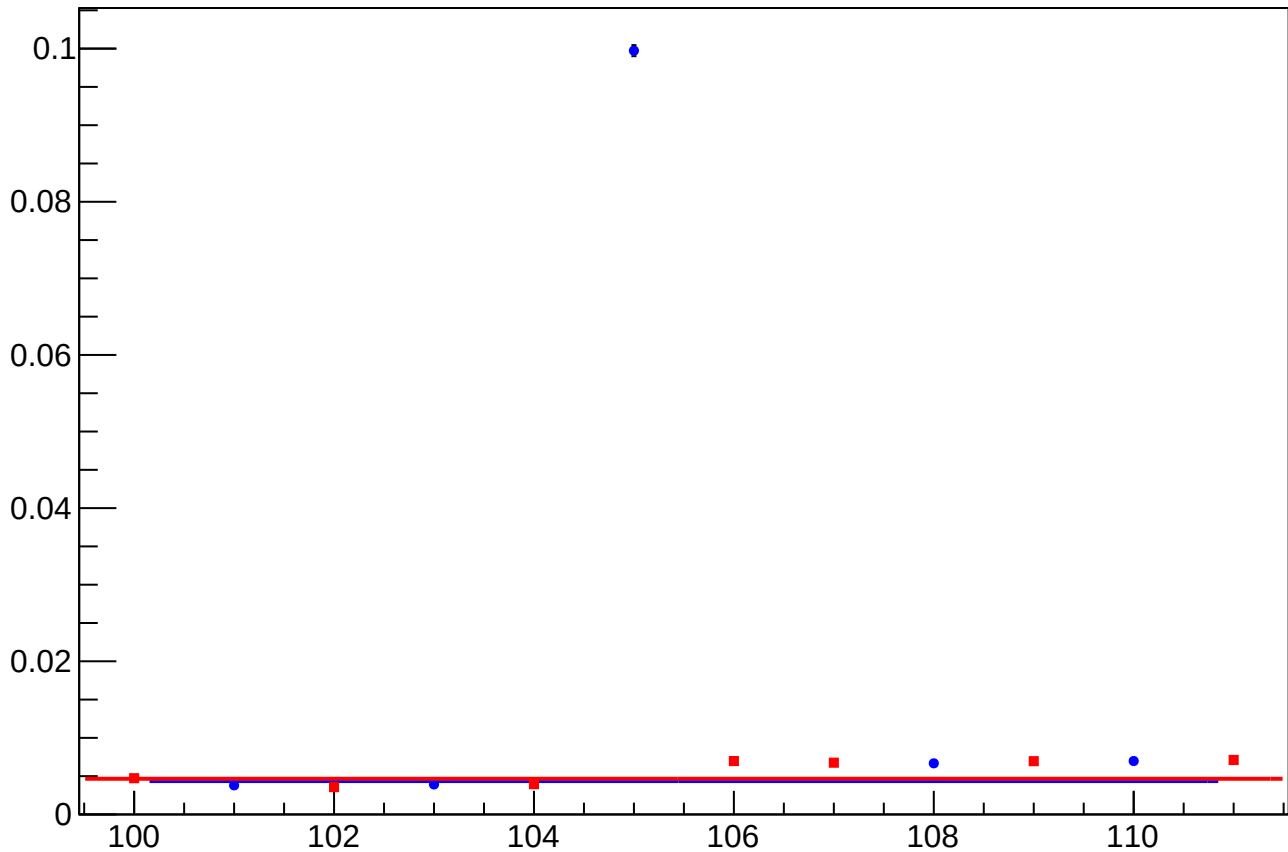
Right Out: -0.731+/-0.000 χ^2/NDF : 4788094488.3/6

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

-0.632+/-0.000 χ^2/NDF : 3187633904.8/4

-0.731+/-0.000 χ^2/NDF : 4788094488.3/6

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

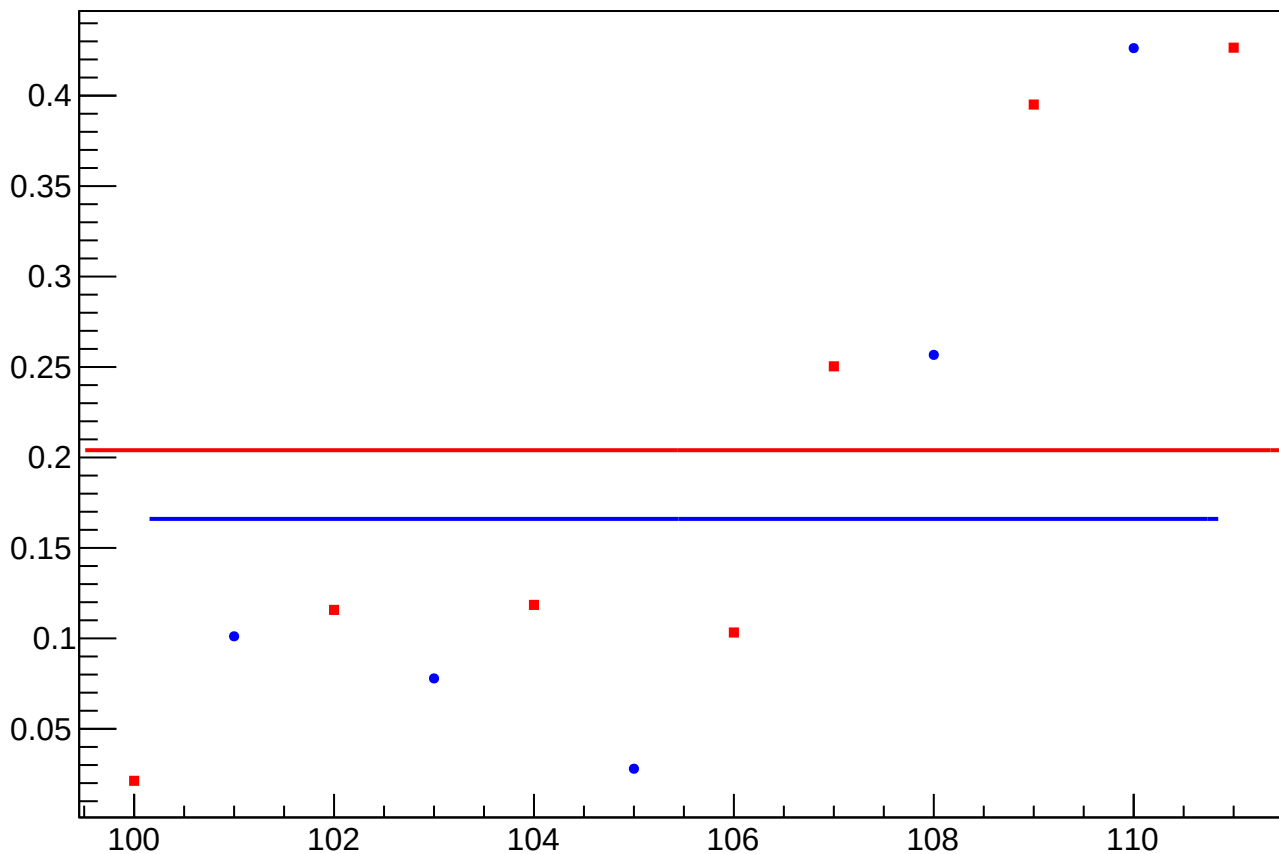
Right Out: 0.005+/-0.000 χ^2/NDF : 424091.4/6

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

0.004+/-0.000 χ^2/NDF : 227370.3/4

0.005+/-0.000 χ^2/NDF : 424091.4/6

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

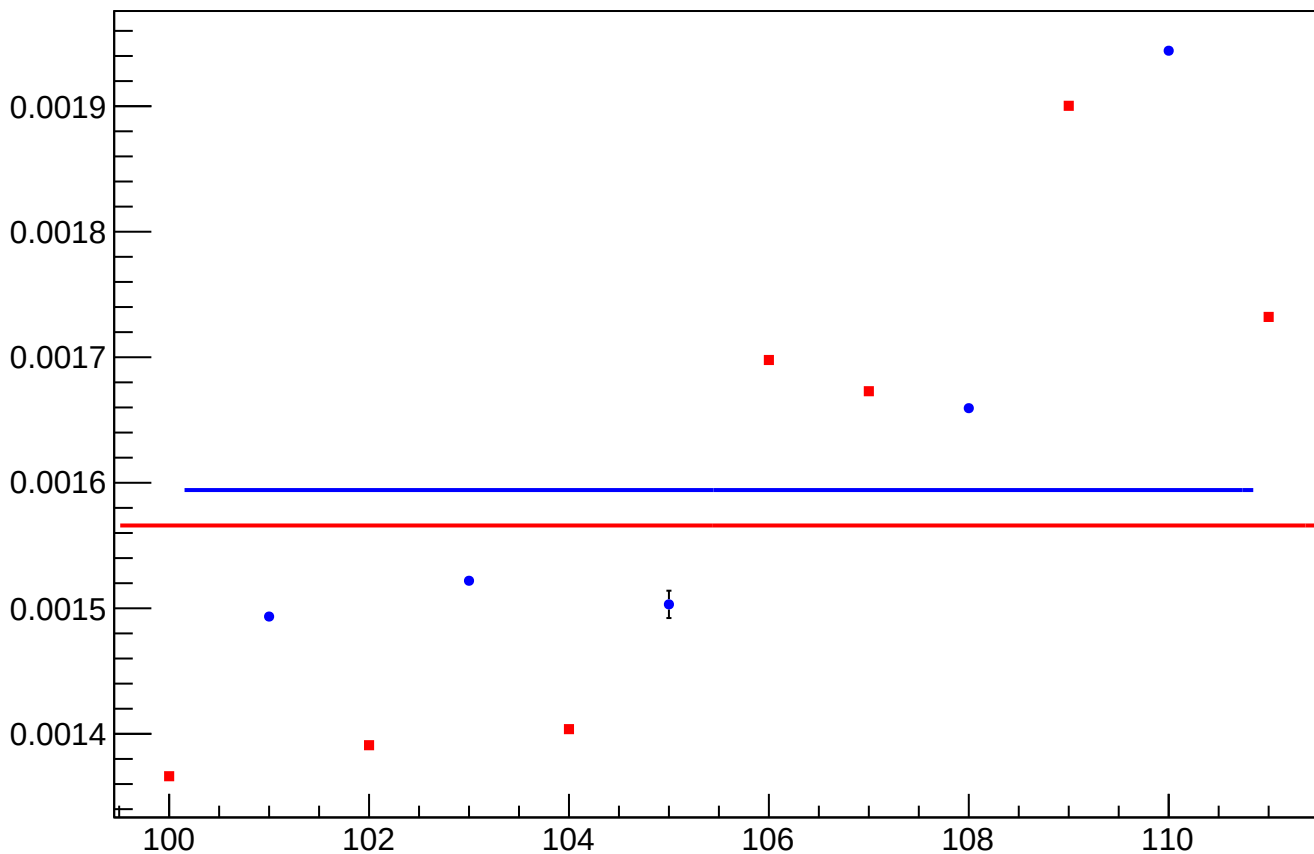
0.166+/-0.000 χ^2/NDF : 9613218056.8/4

Right Out: 0.204+/-0.000 χ^2/NDF : 18251622982.0/6

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

0.204+/-0.000 χ^2/NDF : 18251622982.0/6

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

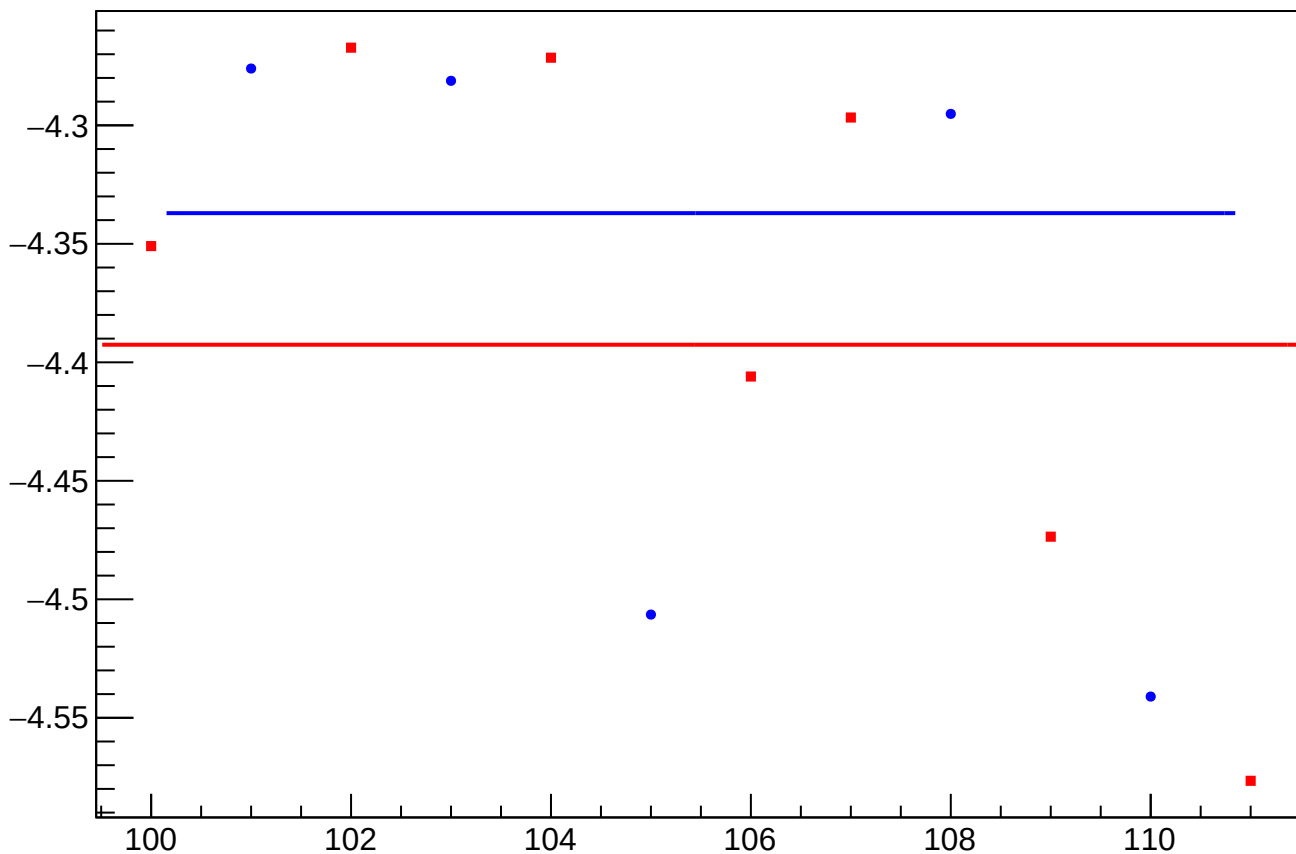
Right Out: 0.002+/-0.000 χ^2/NDF : 76864.5/6

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 : 76864.5/6

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

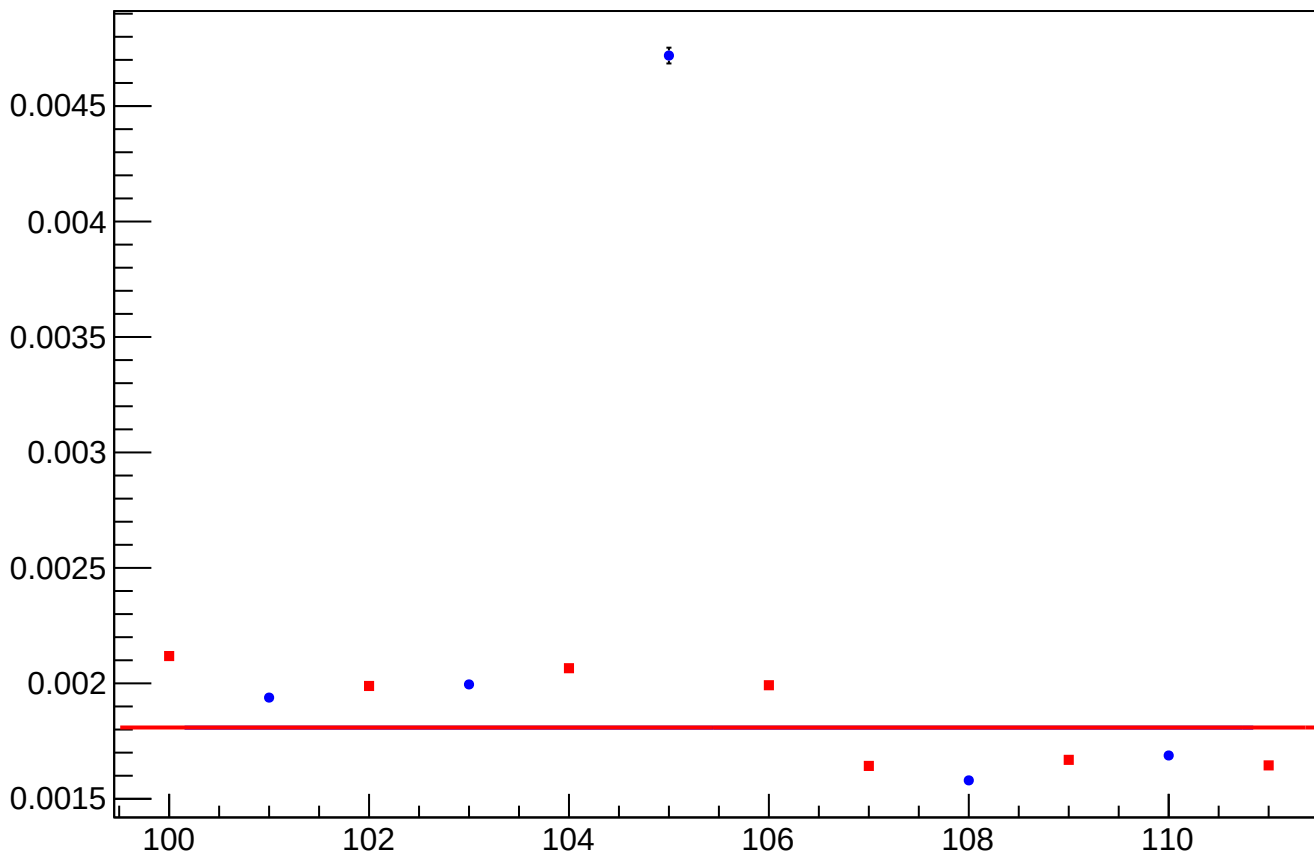
Right Out: -4.393+/-0.000 χ^2 /NDF: 11548336129.2/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.337+/-0.000 χ^2 /NDF: 6110350183.0/4

-4.393+/-0.000 χ^2 /NDF: 11548336129.2/6

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

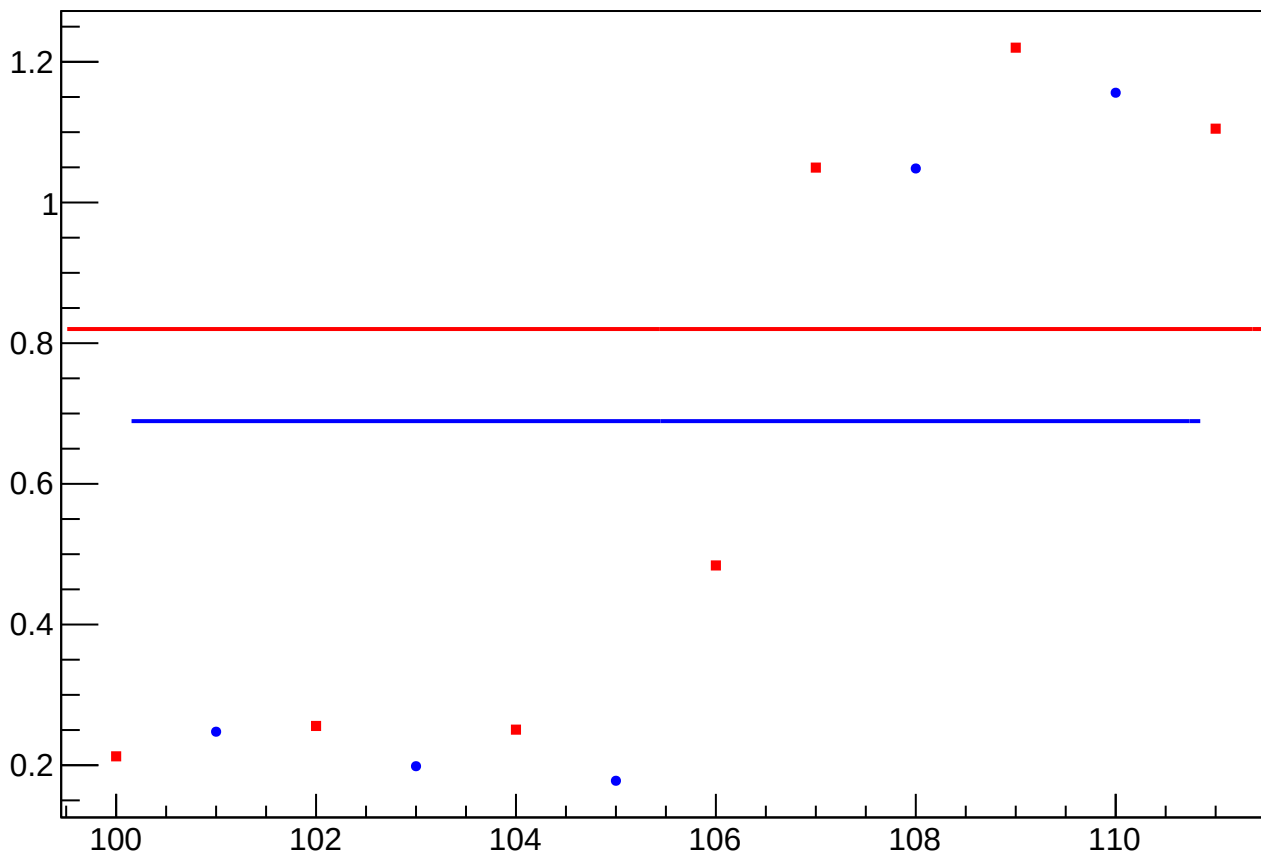
Right Out: 0.002+/-0.000 χ^2/NDF : 54317.2/6

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 : 54317.2/6

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

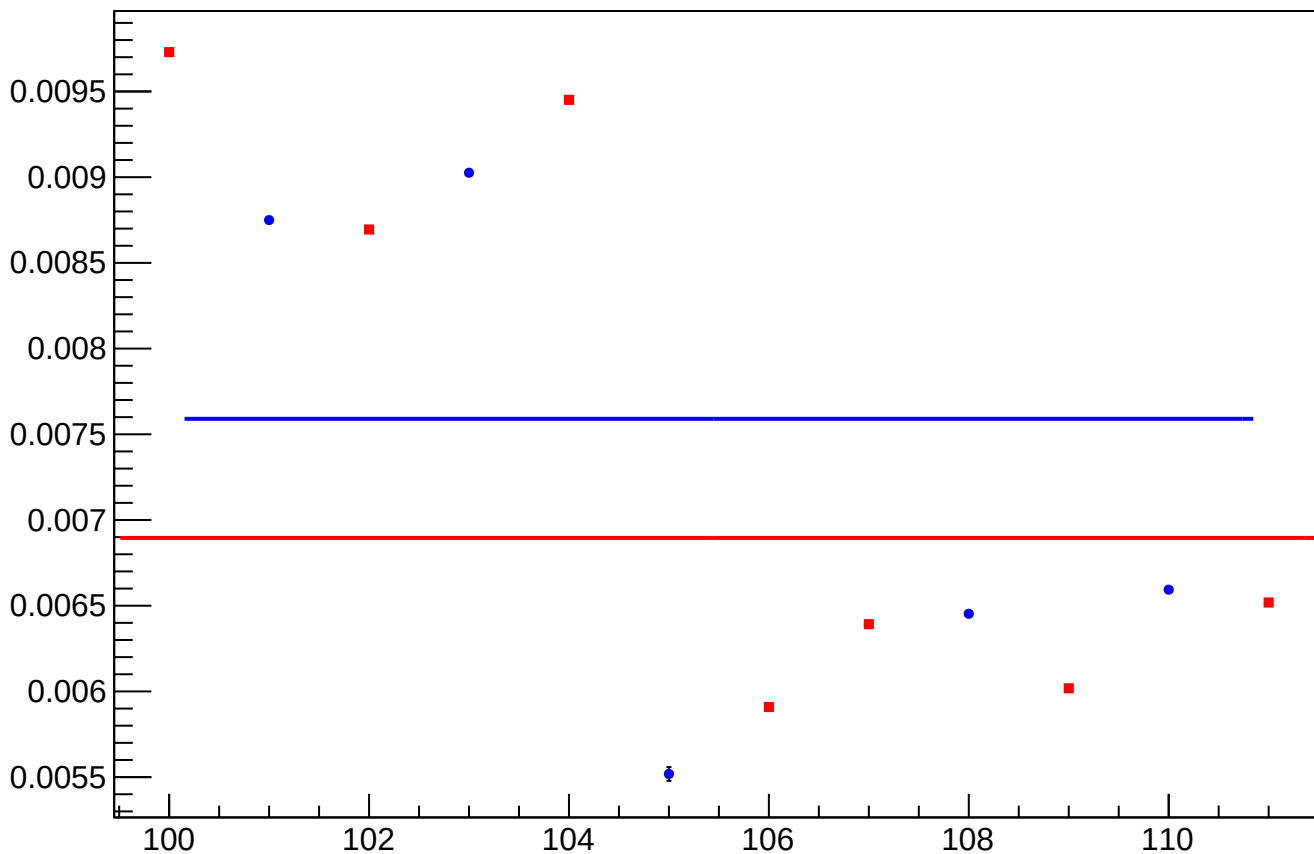
0.689+/-0.000 χ^2/NDF : 6137681625.9/4

Right Out: 0.820+/-0.000 χ^2/NDF : 8890451783.1/6

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

0.820+/-0.000 χ^2/NDF : 8890451783.1/6

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

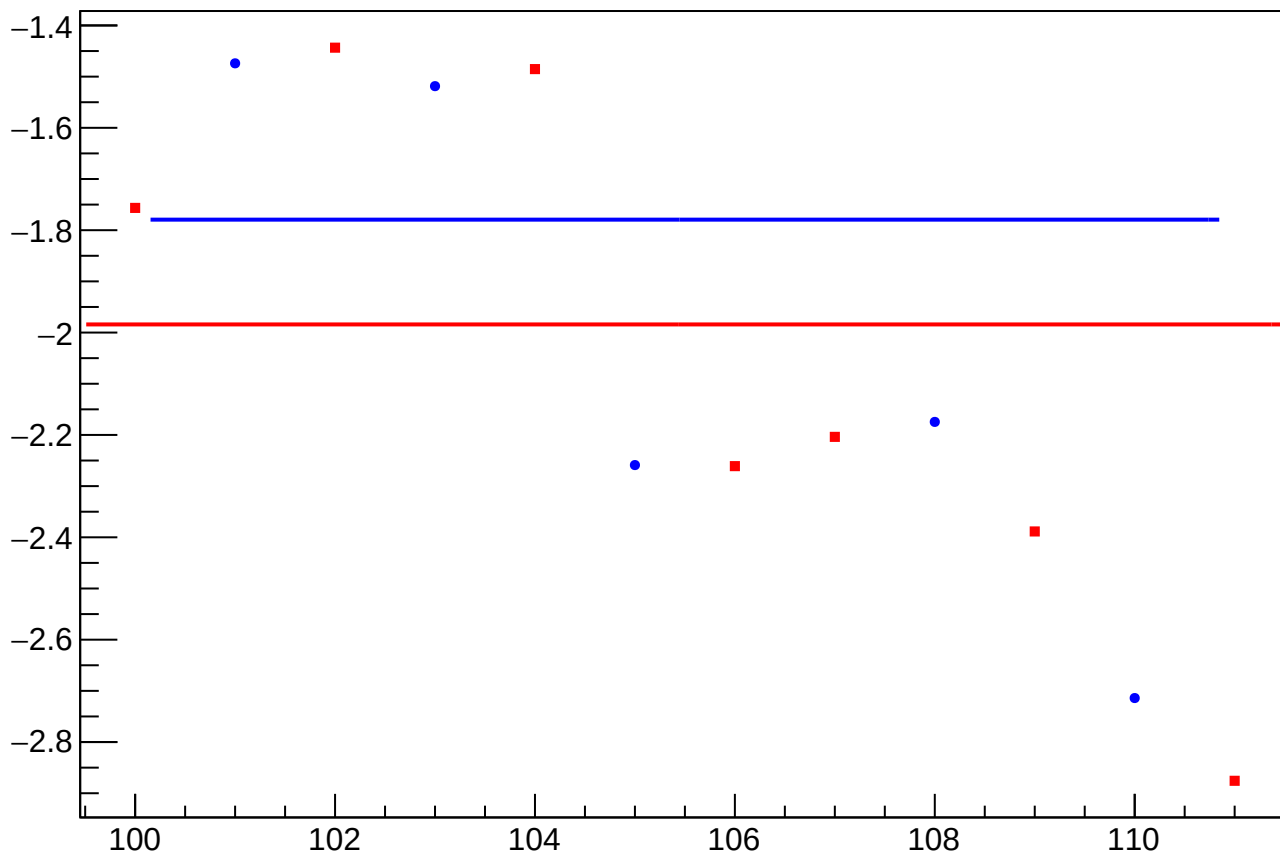
Right Out: 0.007+/-0.000 χ^2/NDF : 176566.2/6

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 : 176566.2/6

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

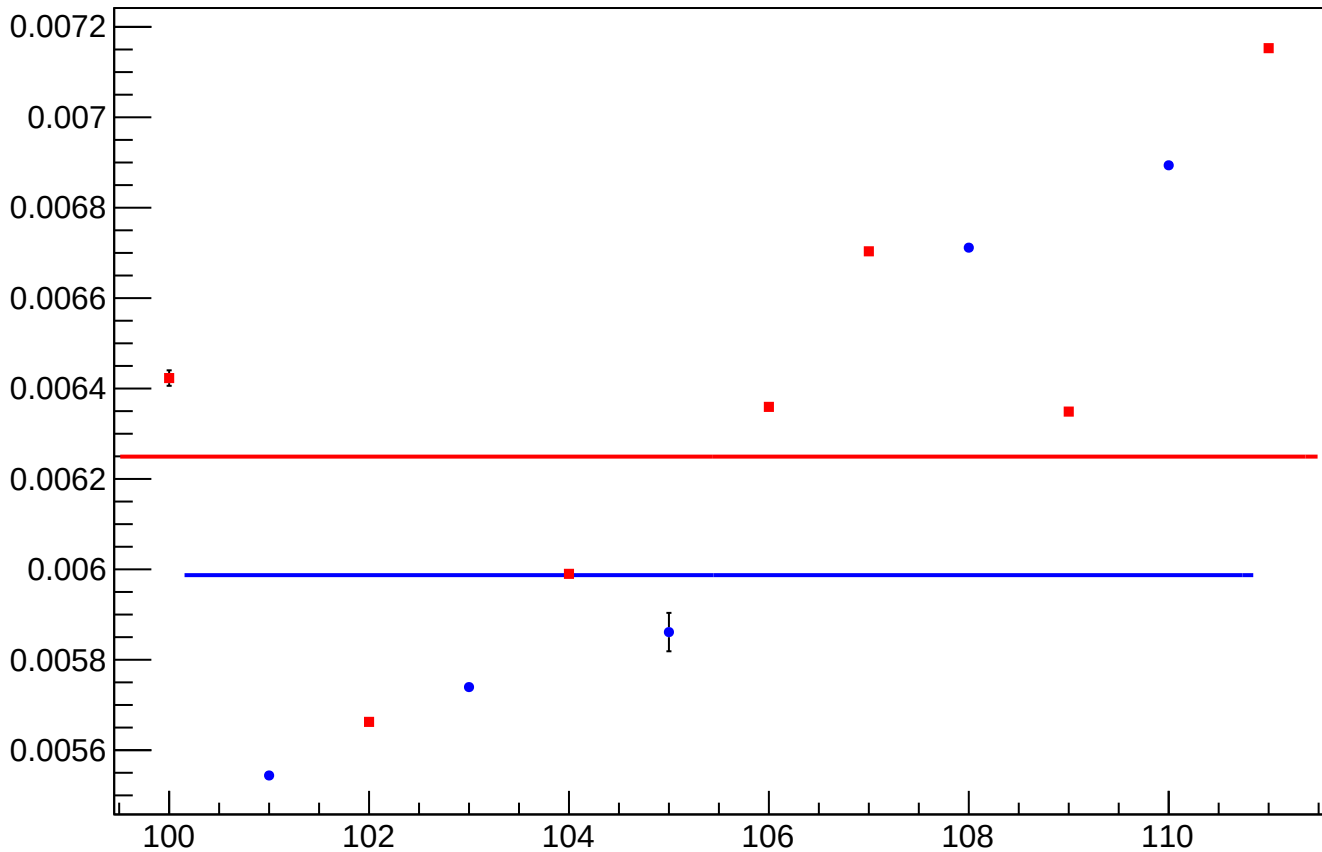
Right Out: -1.984+/-0.000 χ^2/NDF : 18176443793.3/6

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

-1.779+/-0.000 χ^2/NDF : 10686910878.0/4

-1.984+/-0.000 χ^2/NDF : 18176443793.3/6

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

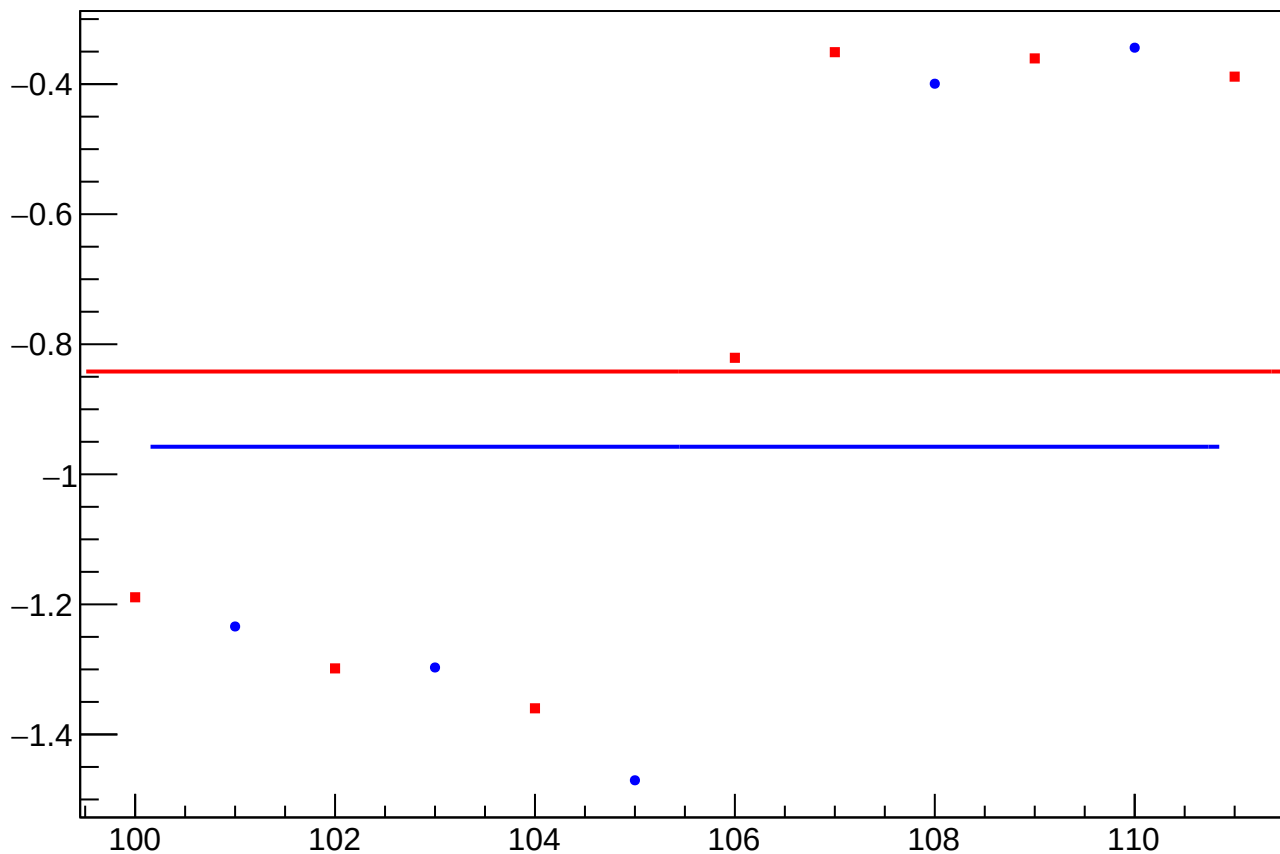
Right Out: 0.006+/-0.000 χ^2/NDF : 31042.3/6

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 : 31042.3/6

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

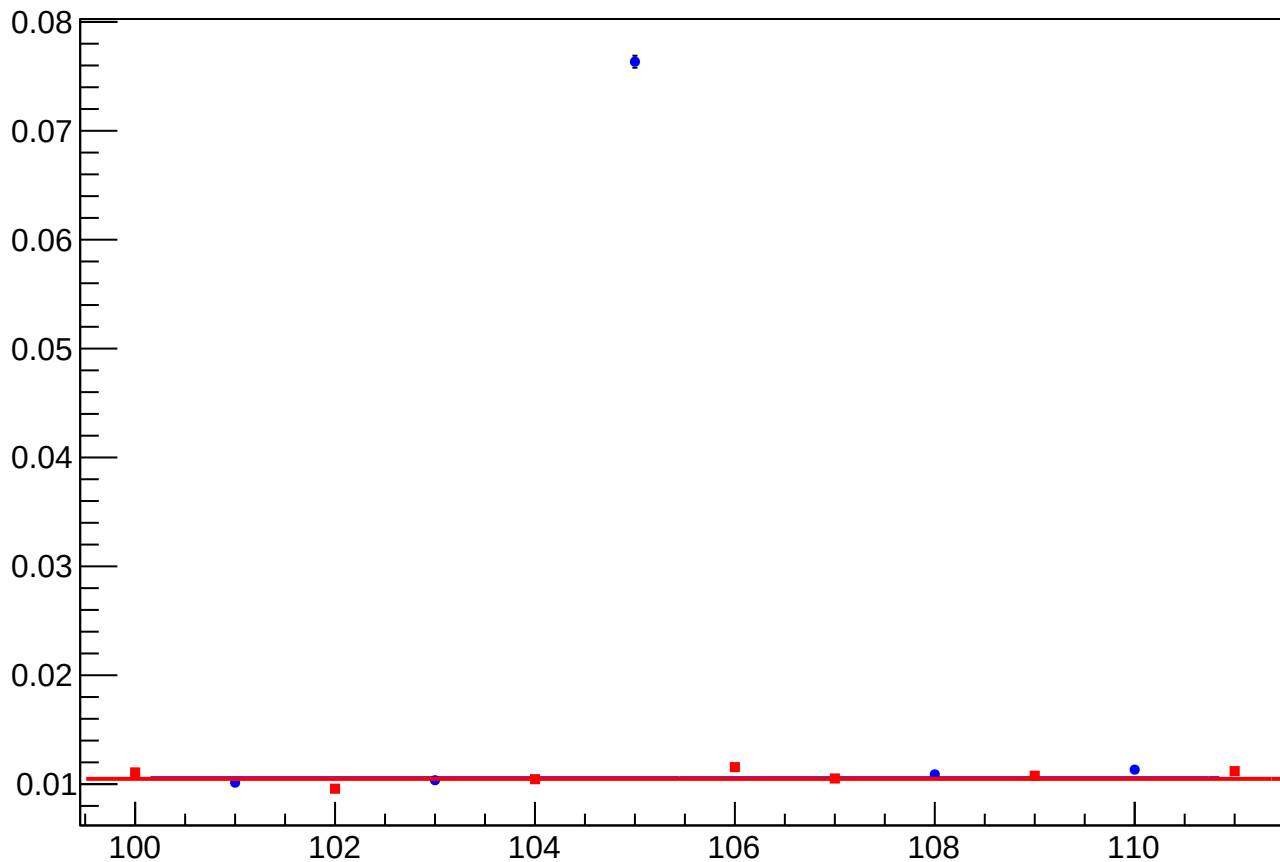
Right Out: -0.842+/-0.000 χ^2/NDF : 4986794178.0/6

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

-0.958+/-0.000 χ^2/NDF : 2999825638.5/4

-0.842+/-0.000 χ^2/NDF : 4986794178.0/6

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

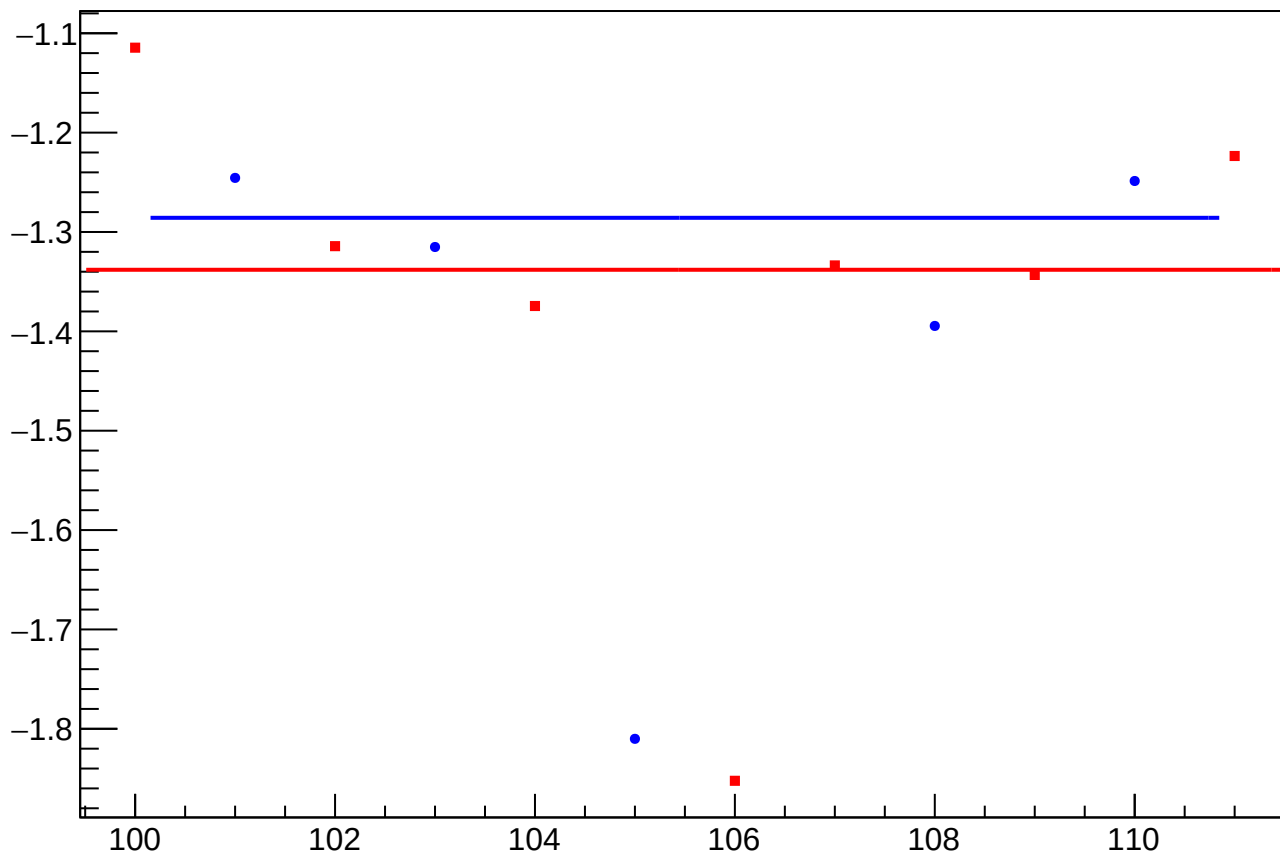
Right Out: 0.010+/-0.000 χ^2/NDF : 17342.9/6

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 : 17342.9/6

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

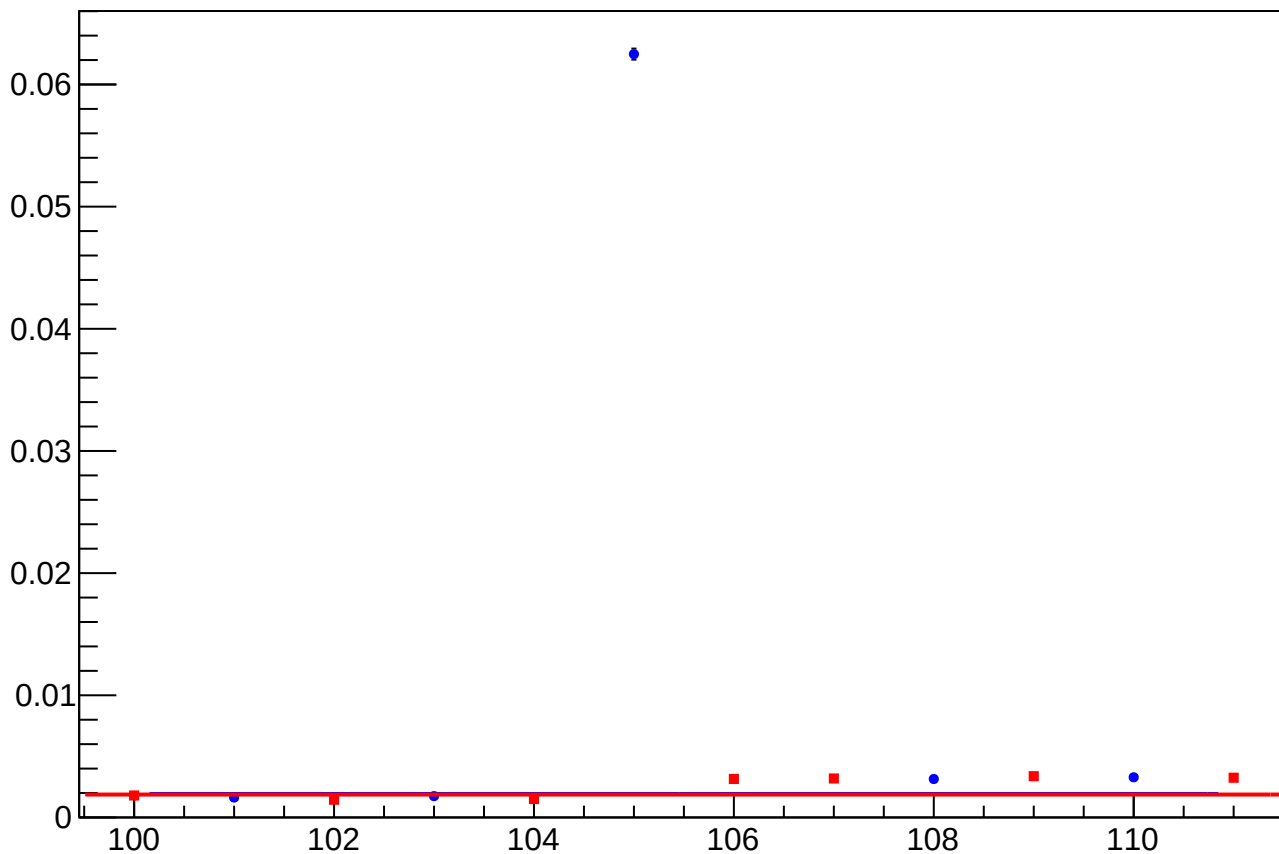
Right Out: -1.338+/-0.000 χ^2/NDF : 5461920249.6/6

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

-1.286+/-0.000 χ^2/NDF : 887996999.9/4

-1.338+/-0.000 χ^2/NDF : 5461920249.6/6

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

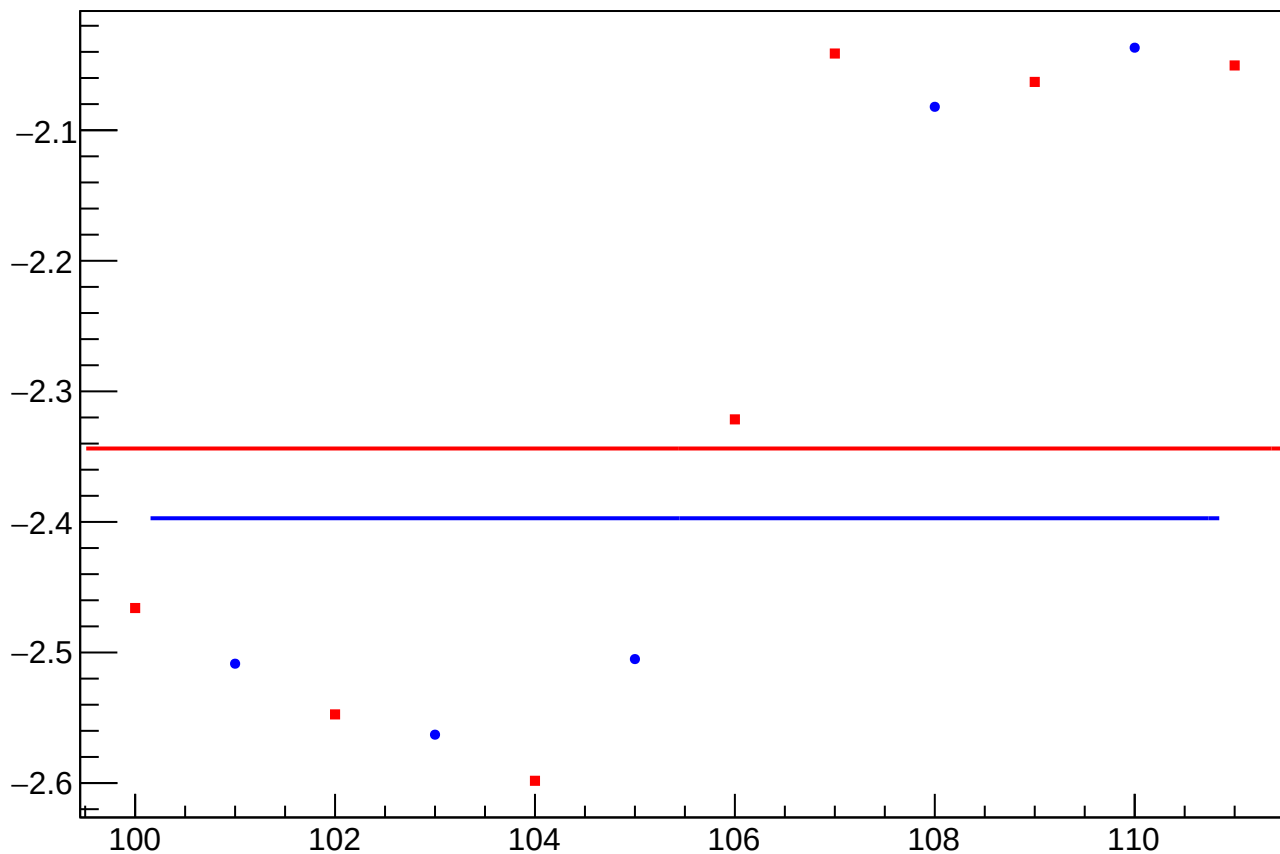
Right Out: 0.002+/-0.000 χ^2/NDF : 618217.8/6

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 : 618217.8/6

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

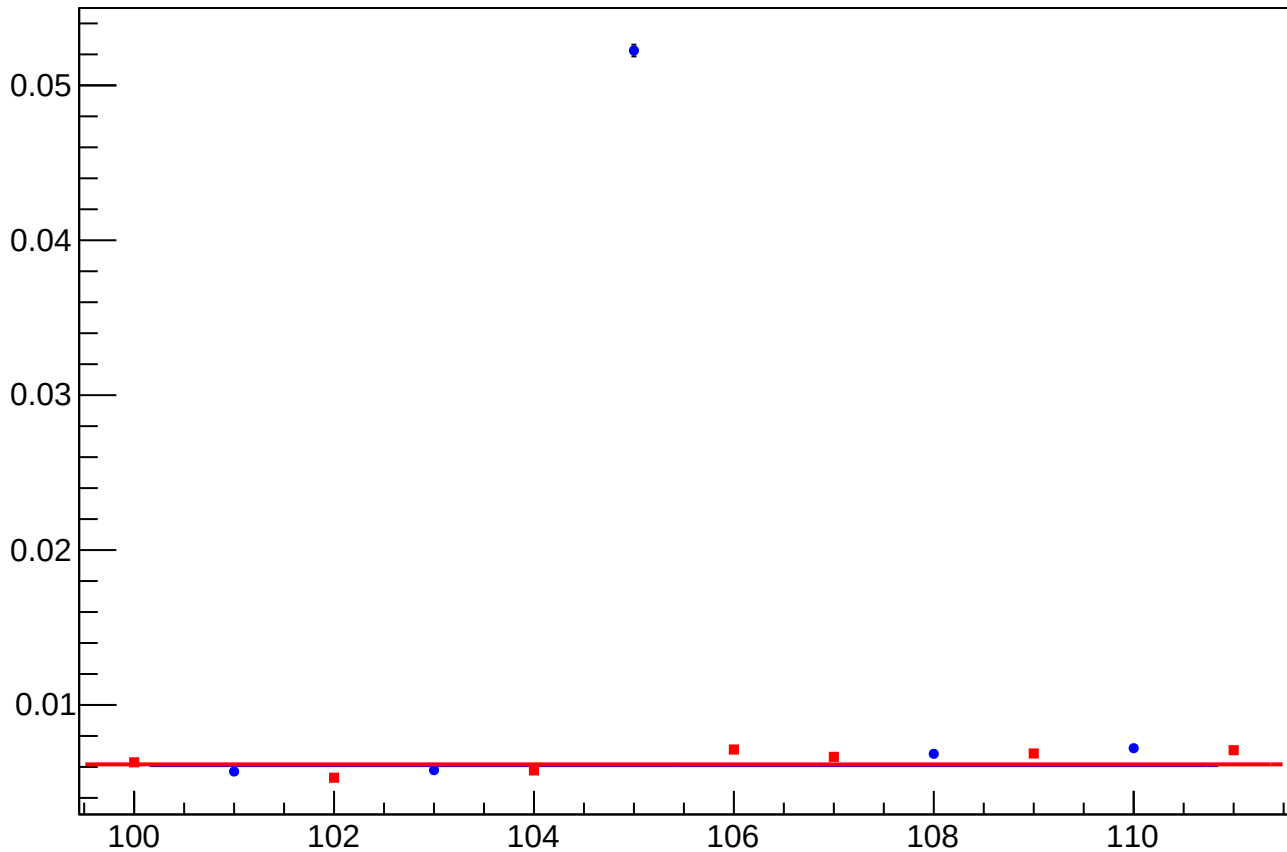
Right Out: -2.344+/-0.000 χ^2/NDF : 4050159631.8/6

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

-2.397+/-0.000 χ^2/NDF : 2275112931.8/4

-2.344+/-0.000 χ^2/NDF : 4050159631.8/6

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

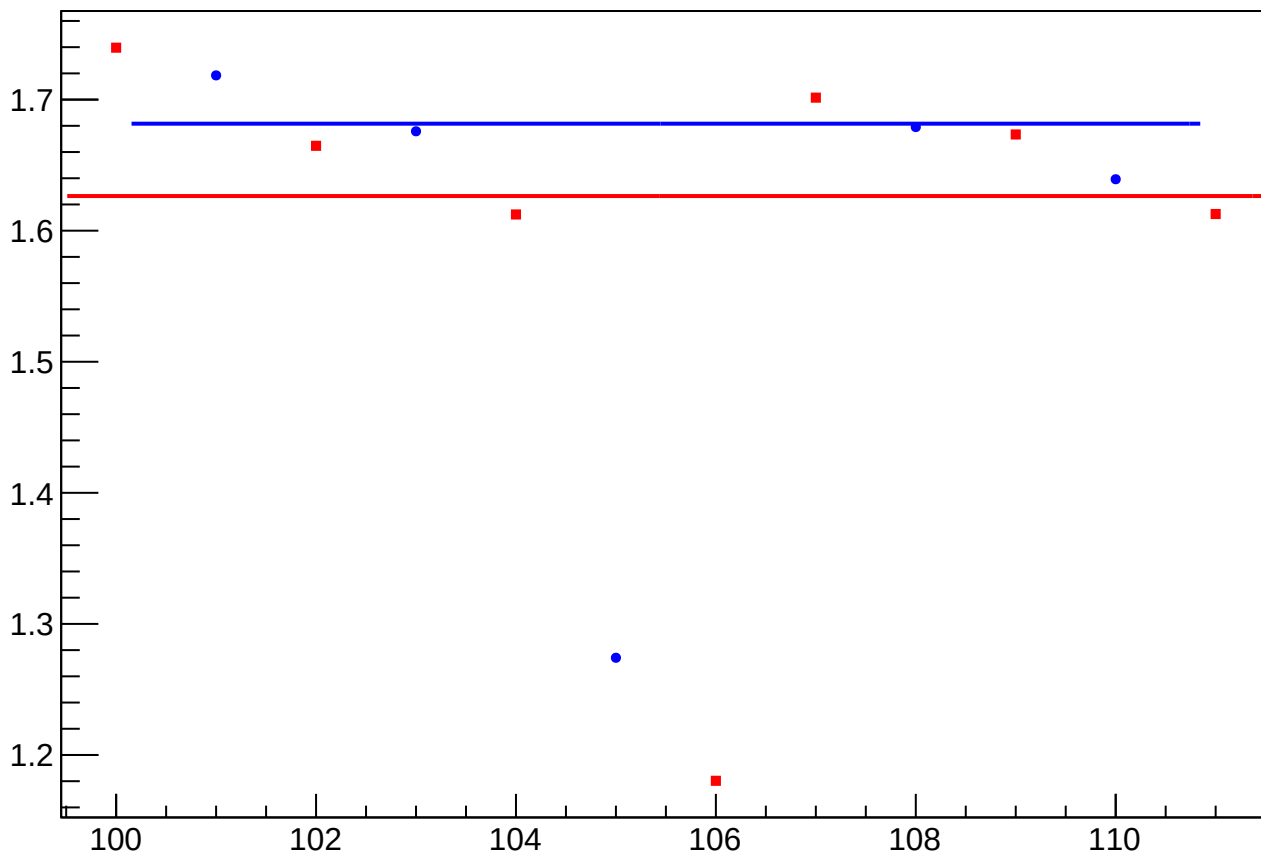
Right Out: 0.006+/-0.000 χ^2/NDF : 67741.6/6

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 : 67741.6/6

yield_bpm0i01aY_mean vs slug



Right In: 1.682 $\pm$ 0.000 χ^2 /NDF: 263496752.2/4

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

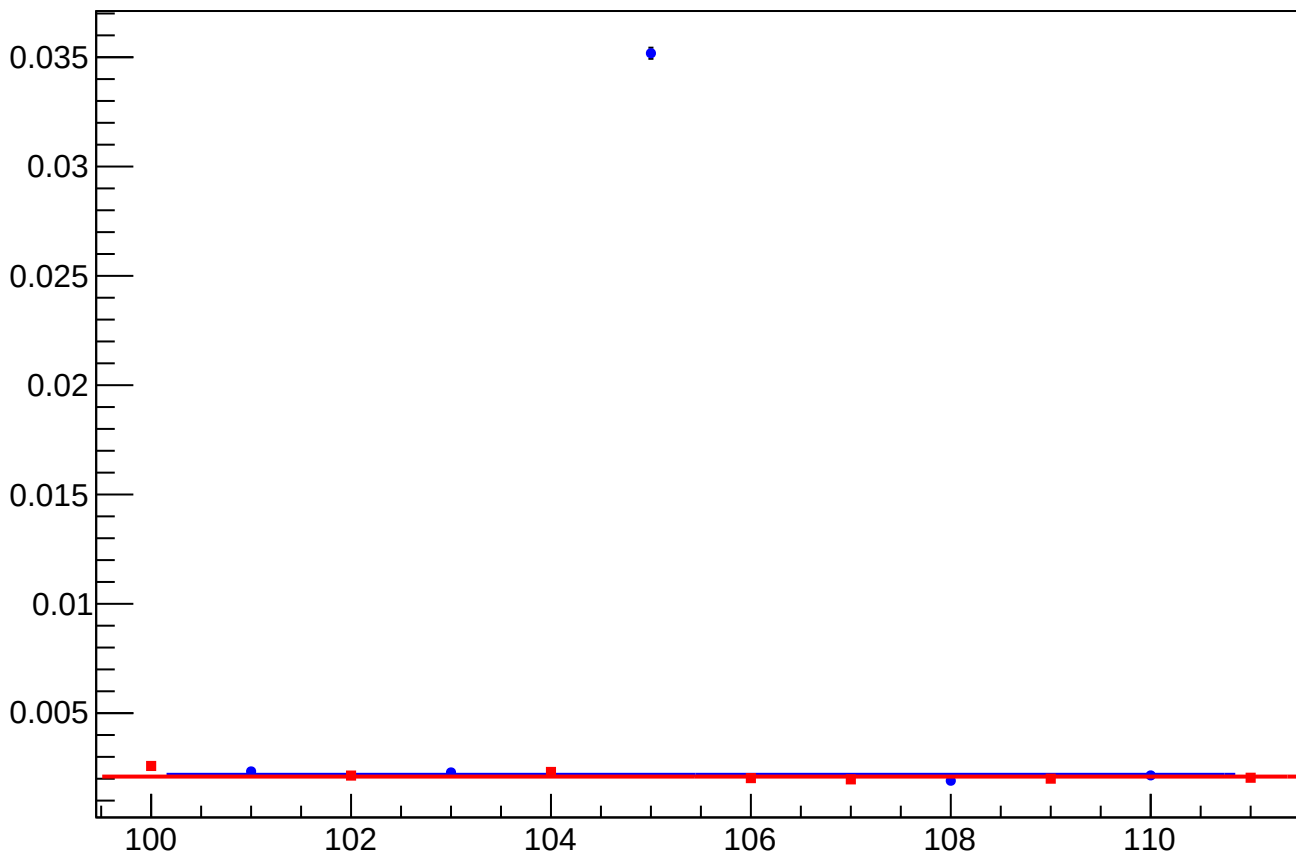
Right Out: 1.626 $\pm$ 0.000 χ^2 /NDF: 7727454012.7/6

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

1.682 $\pm$ 0.000 χ^2 /NDF: 263496752.2/4

1.626 $\pm$ 0.000 χ^2 /NDF: 7727454012.7/6

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

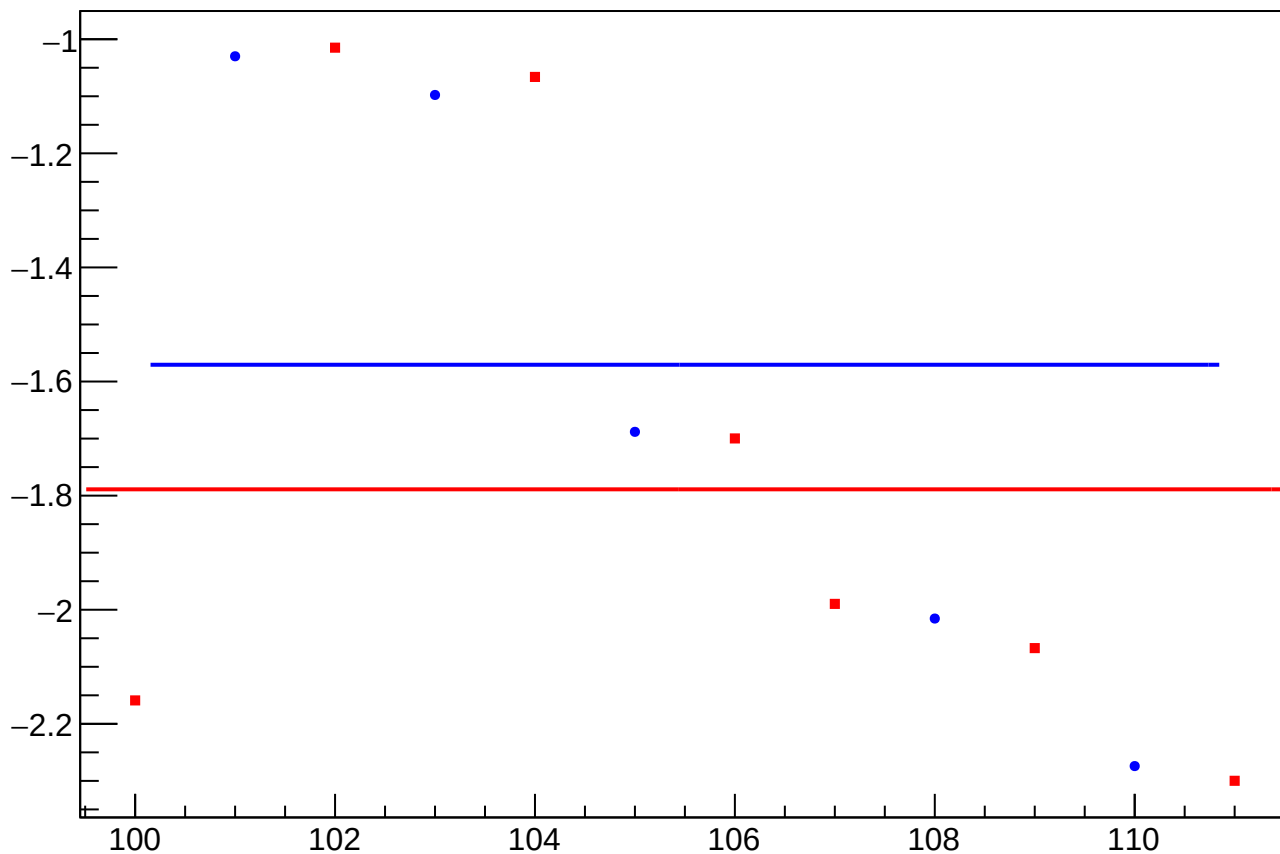
Right Out: 0.002+/-0.000 χ^2/NDF : 19127.8/6

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 : 19127.8/6

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

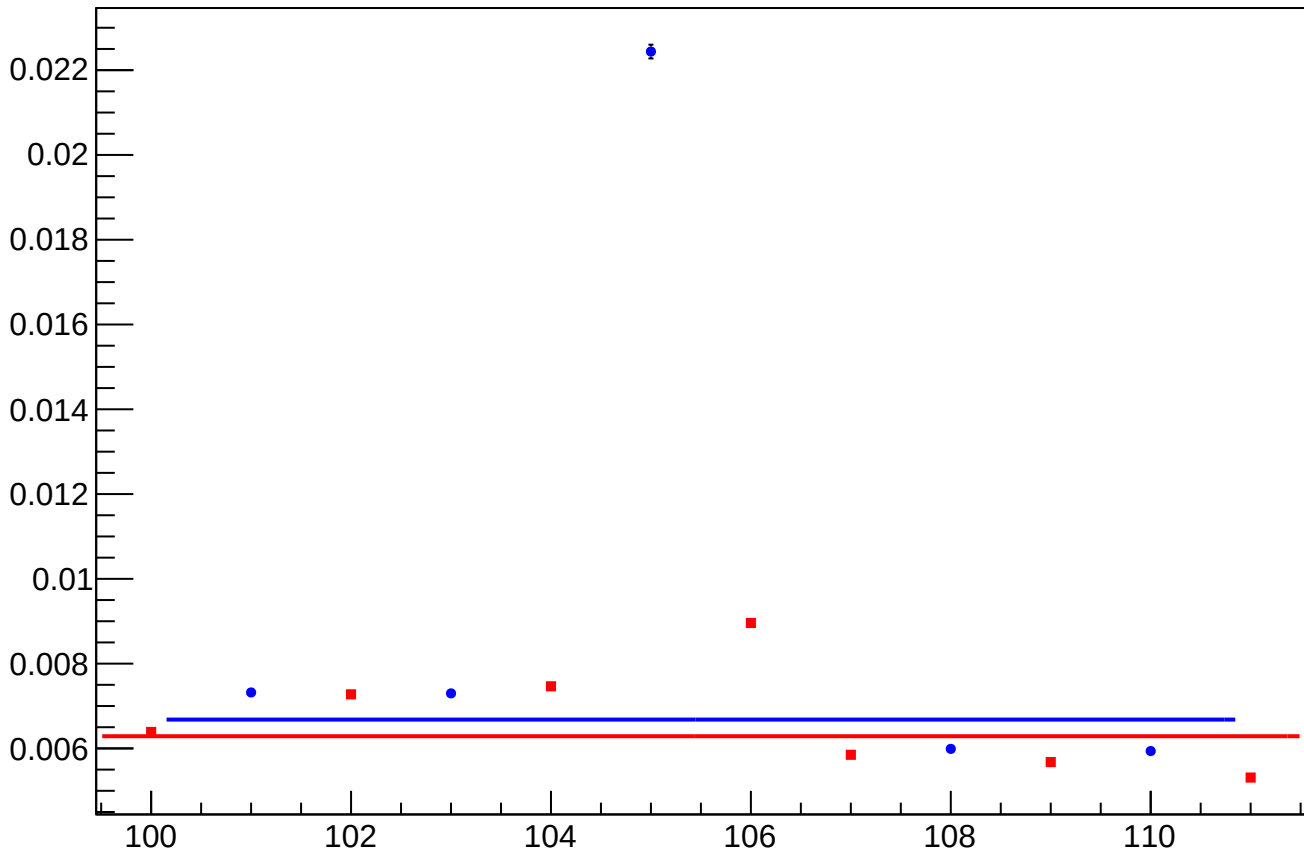
Right Out: -1.789+/-0.000 χ^2/NDF : 16362506338.9/6

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

-1.571+/-0.000 χ^2/NDF : 11938559481.0/4

-1.789+/-0.000 χ^2/NDF : 16362506338.9/6

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

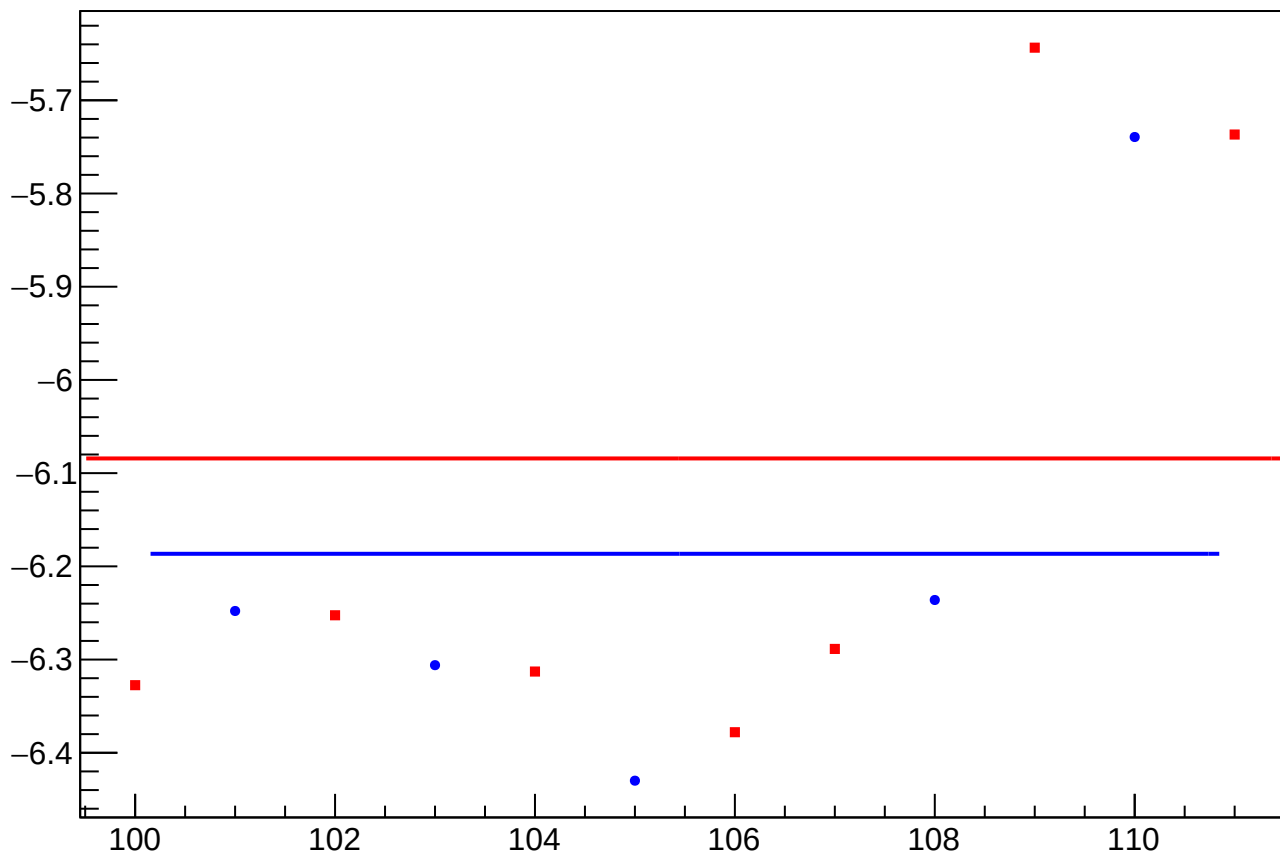
0.007+/-0.000 χ^2/NDF : 45958.1/4

Right Out: 0.006+/-0.000 χ^2/NDF : 127714.5/6

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

0.006+/-0.000 χ^2/NDF : 127714.5/6

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

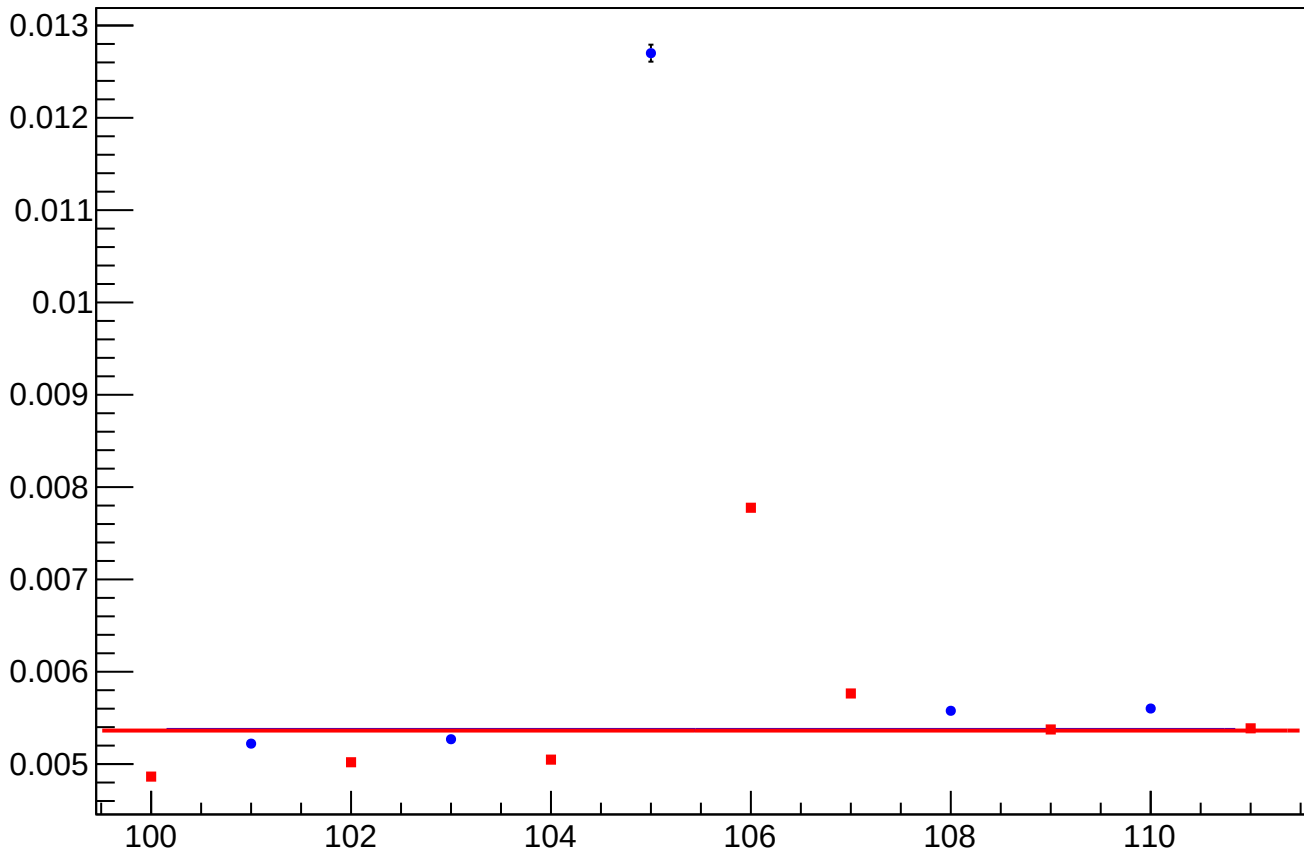
Right Out: -6.084+/-0.000 χ^2/NDF : 7210602030.7/6

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

-6.187+/-0.000 χ^2/NDF : 2254564204.2/4

-6.084+/-0.000 χ^2/NDF : 7210602030.7/6

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

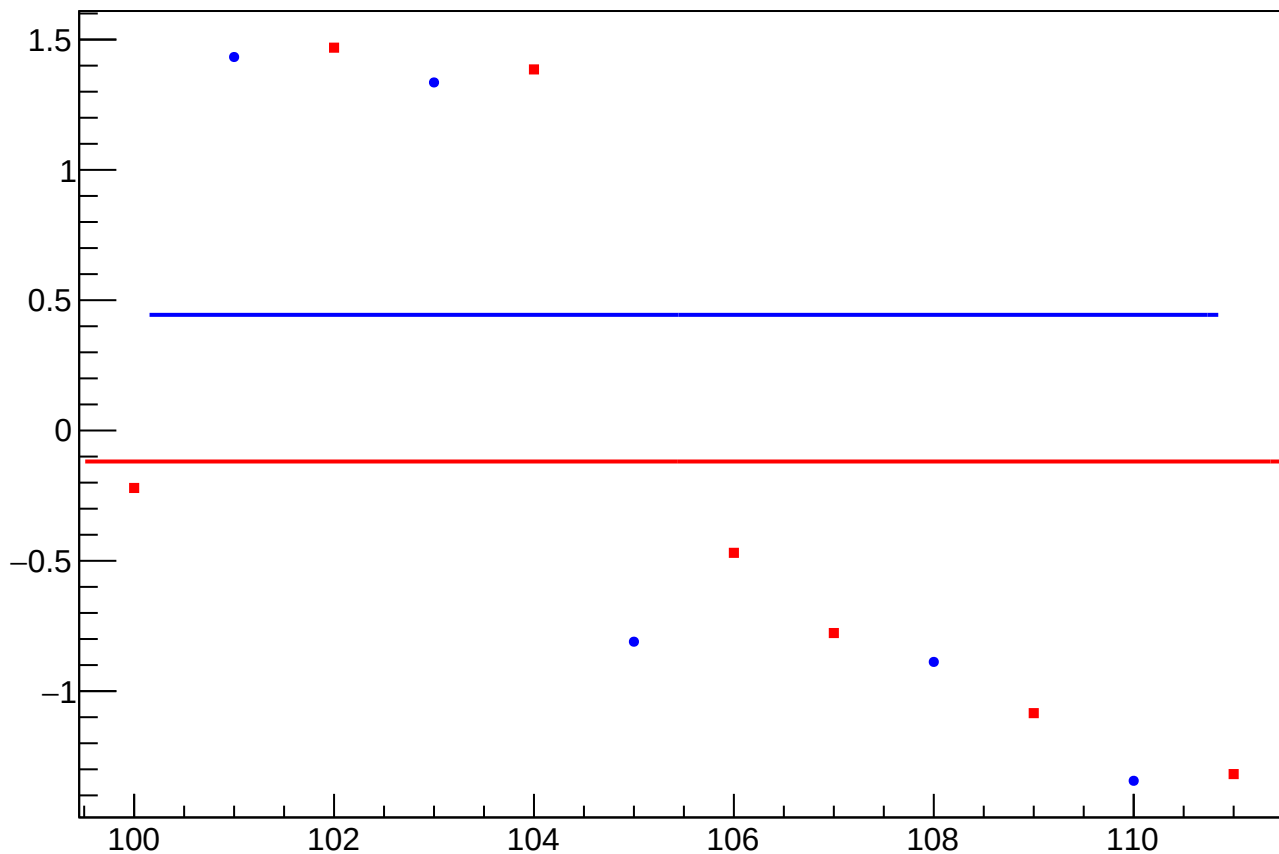
Right Out: 0.005+/-0.000 χ^2/NDF : 60463.0/6

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 : 60463.0/6

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

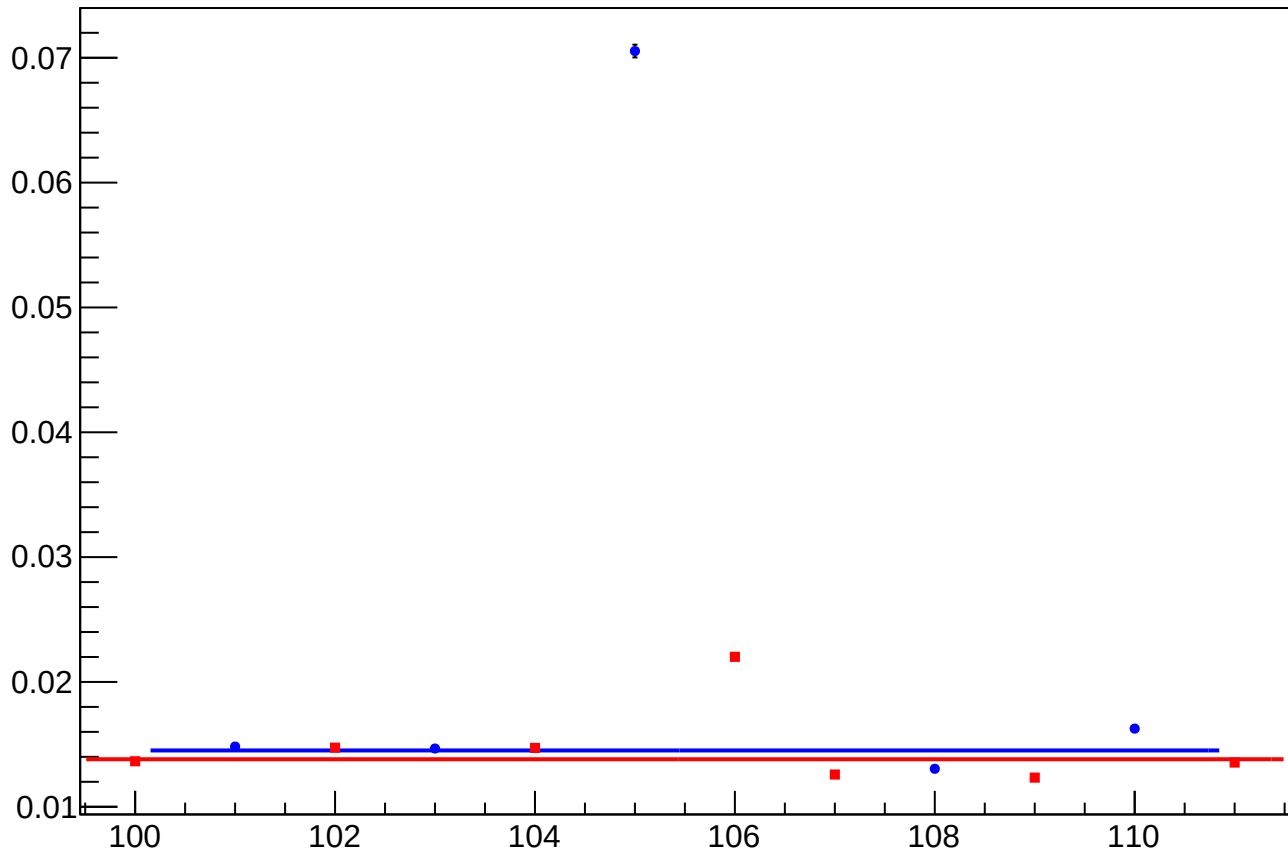
0.444+/-0.000 χ^2/NDF : 12058657716.3/4

Right Out: -0.119+/-0.000 χ^2/NDF : 18565896703.2/6

-0.119+/-0.000 χ^2/NDF : 18565896703.2/6

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

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

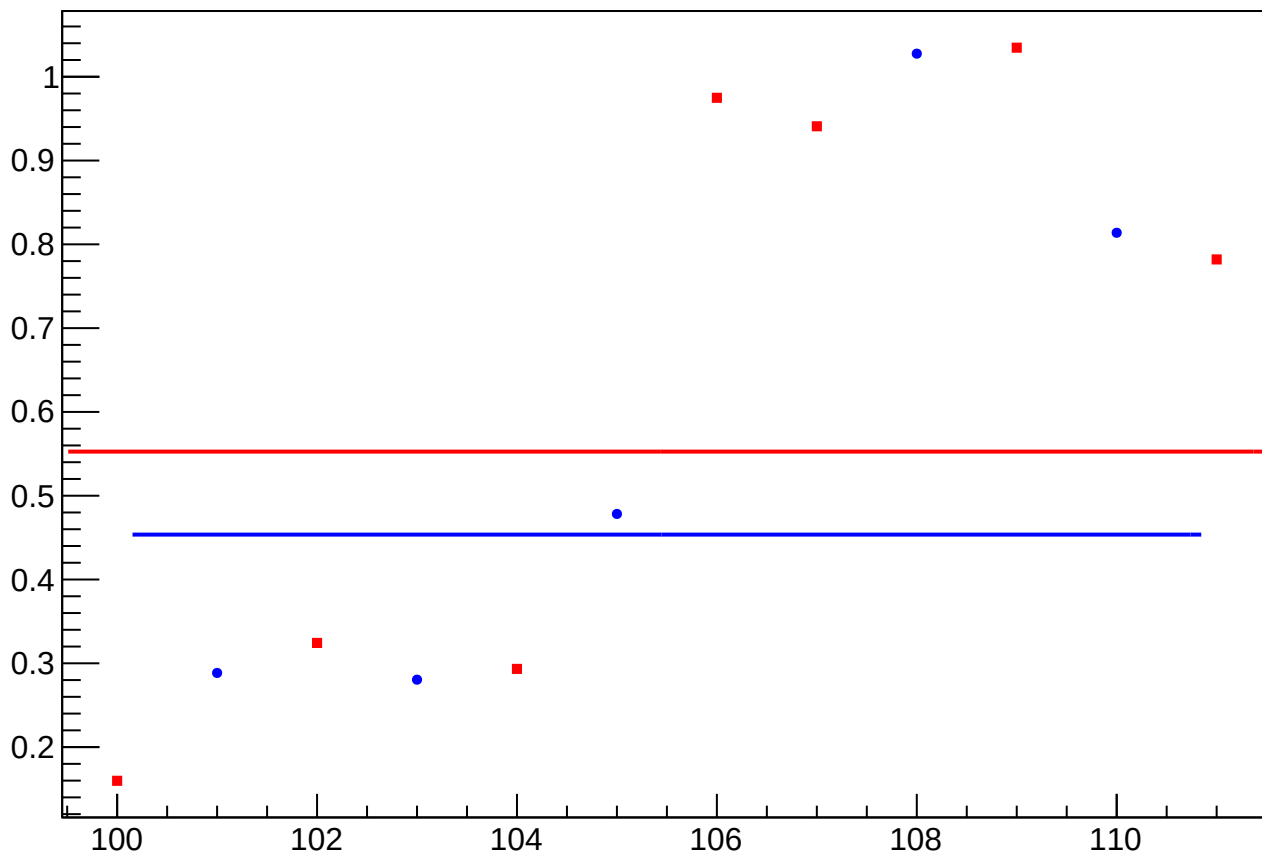
Right Out: 0.014+/-0.000 χ^2/NDF : 86151.9/6

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 : 86151.9/6

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

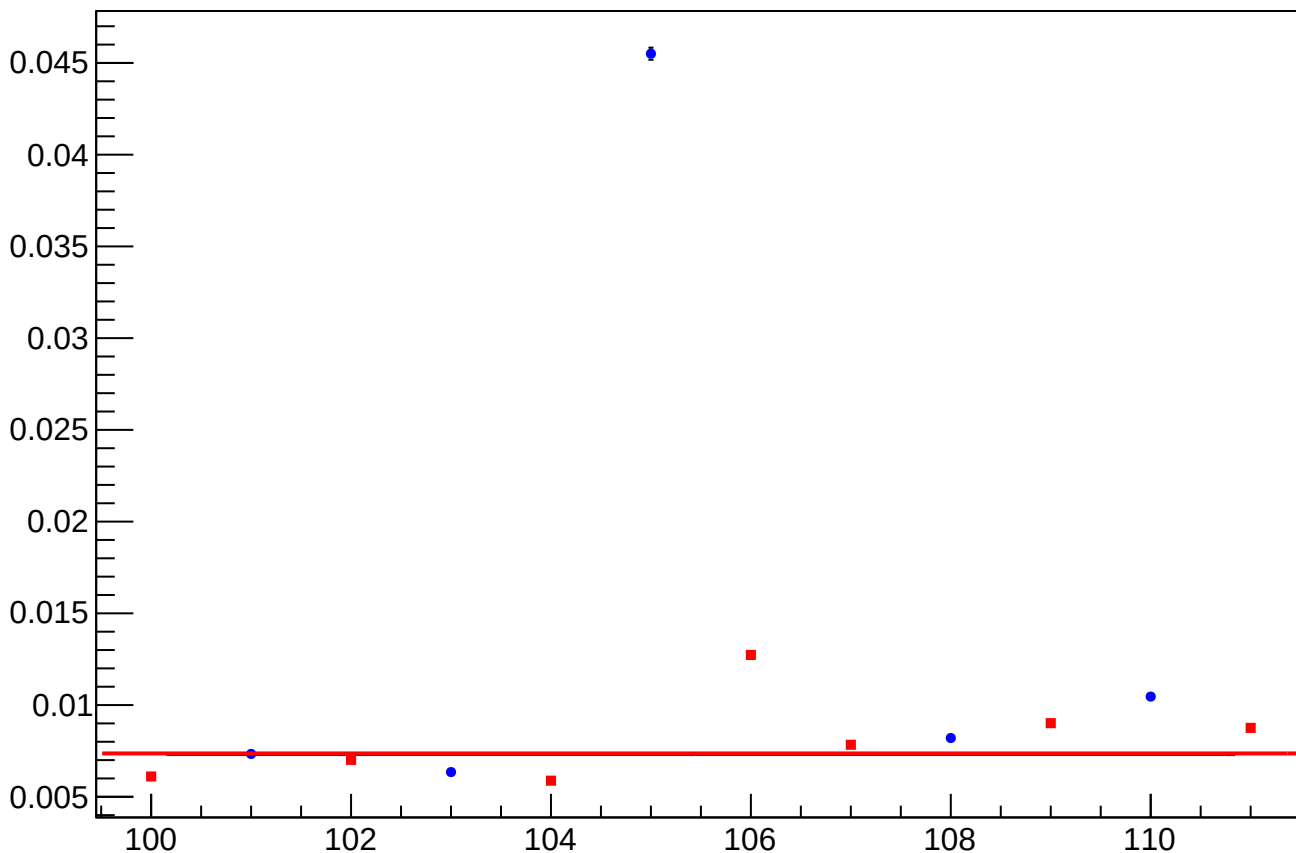
Right Out: 0.553+/-0.000 χ^2/NDF : 4408655196.2/6

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

0.454+/-0.000 χ^2/NDF : 2848249507.2/4

0.553+/-0.000 χ^2/NDF : 4408655196.2/6

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

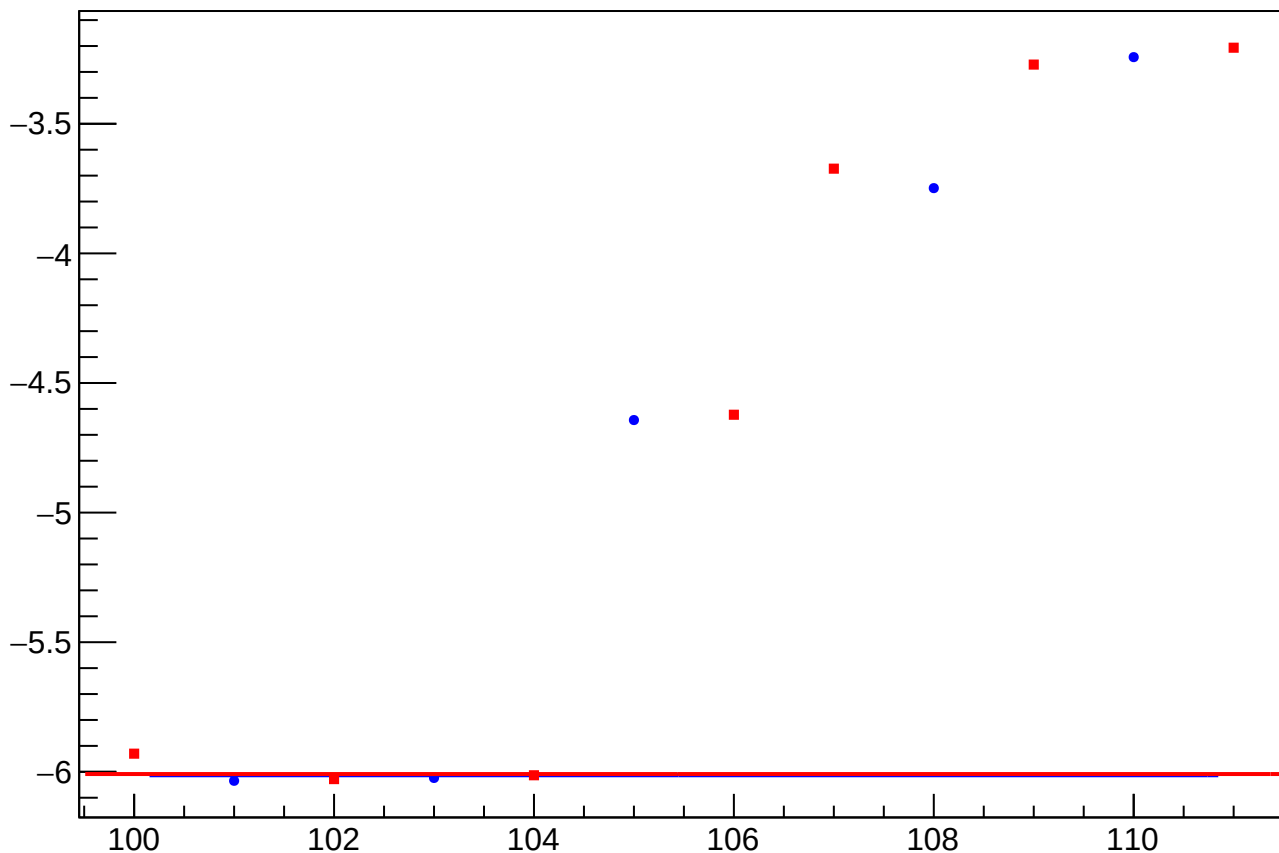
Right Out: 0.007+/-0.000 χ^2/NDF : 191147.9/6

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 : 191147.9/6

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

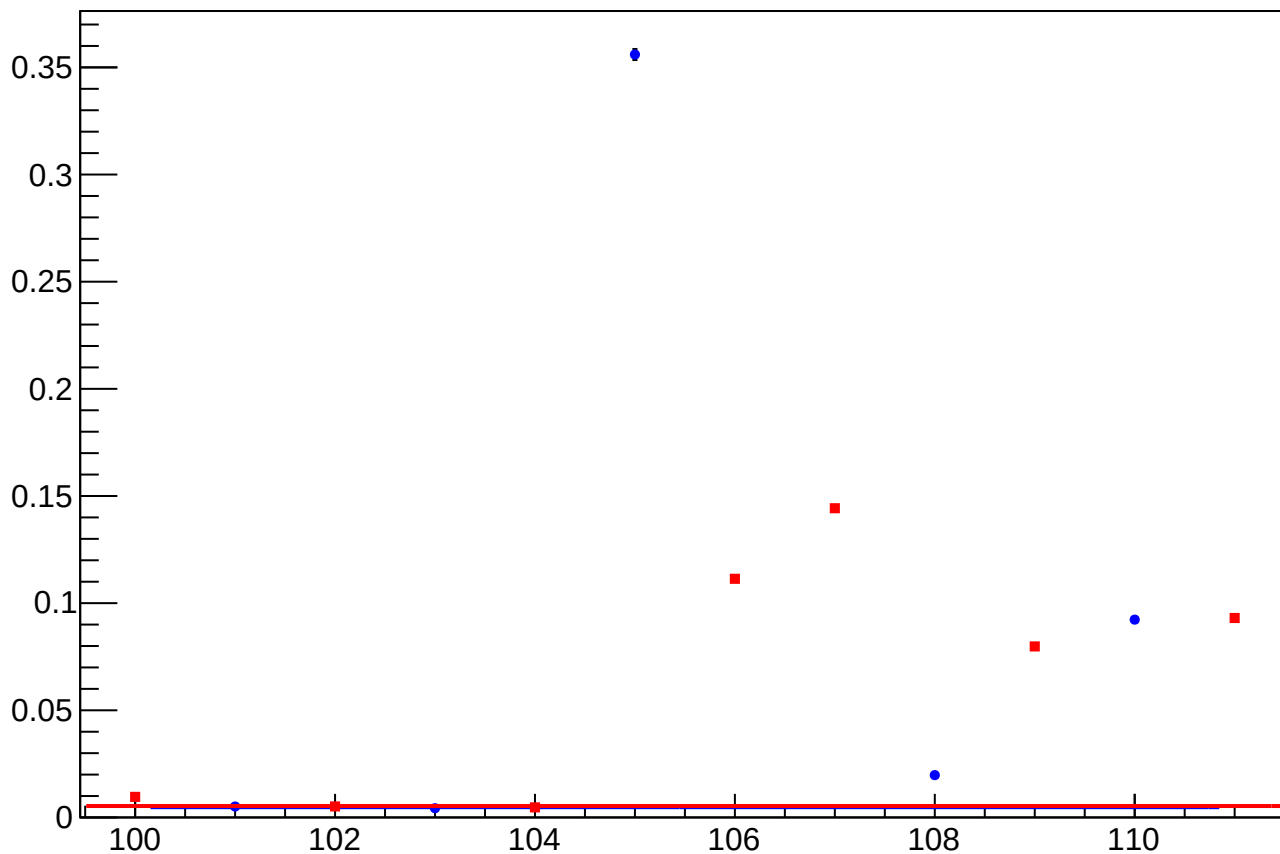
Right Out: -6.009+/-0.000 χ^2/NDF : 1049691003.6/6

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

-6.013+/-0.000 χ^2/NDF : 1621082124.7/4

-6.009+/-0.000 χ^2/NDF : 1049691003.6/6

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

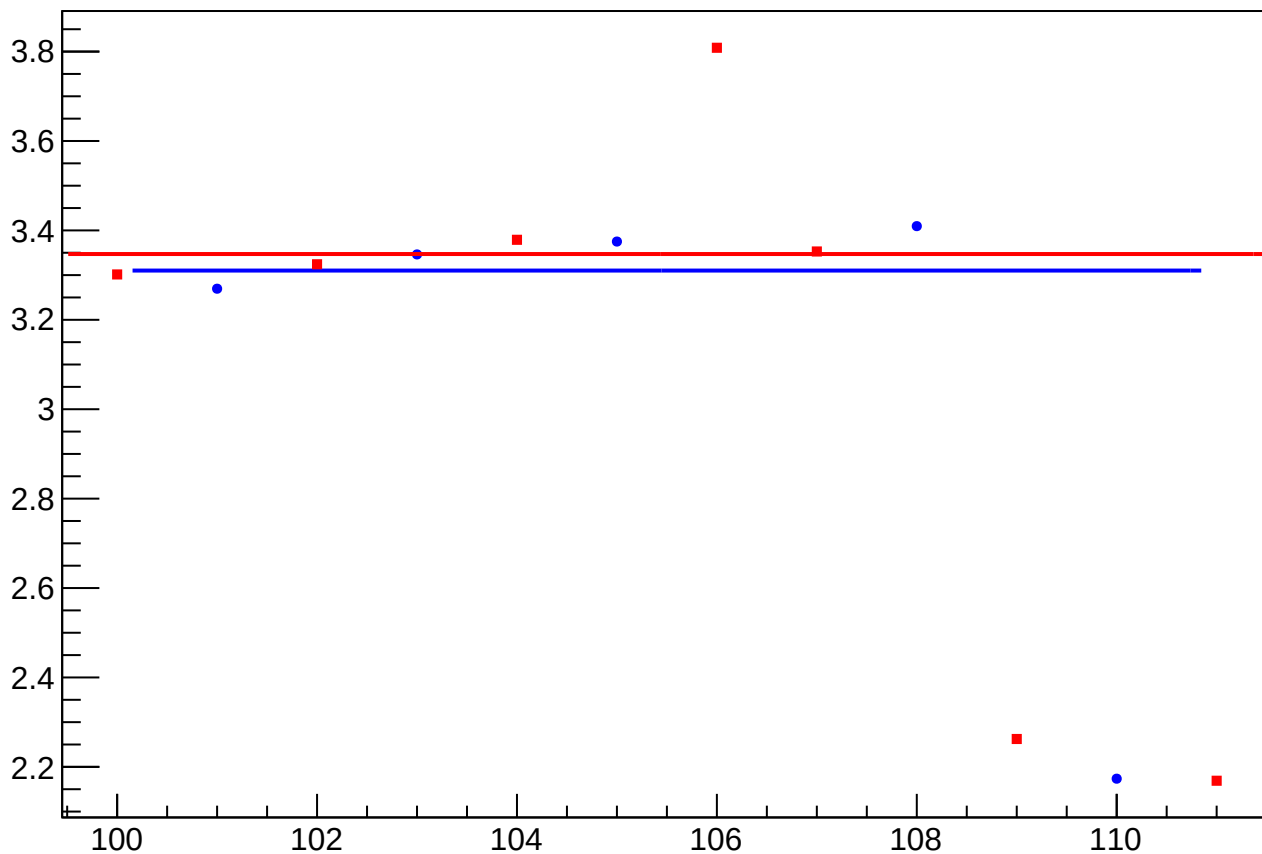
Right Out: 0.005+/-0.000 χ^2/NDF : 2650261.7/6

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 : 2650261.7/6

yield_bpm0l03Y_mean vs slug



Right In: 3.310 $\pm$ 0.000 χ^2 /NDF: 83957229.7/4

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

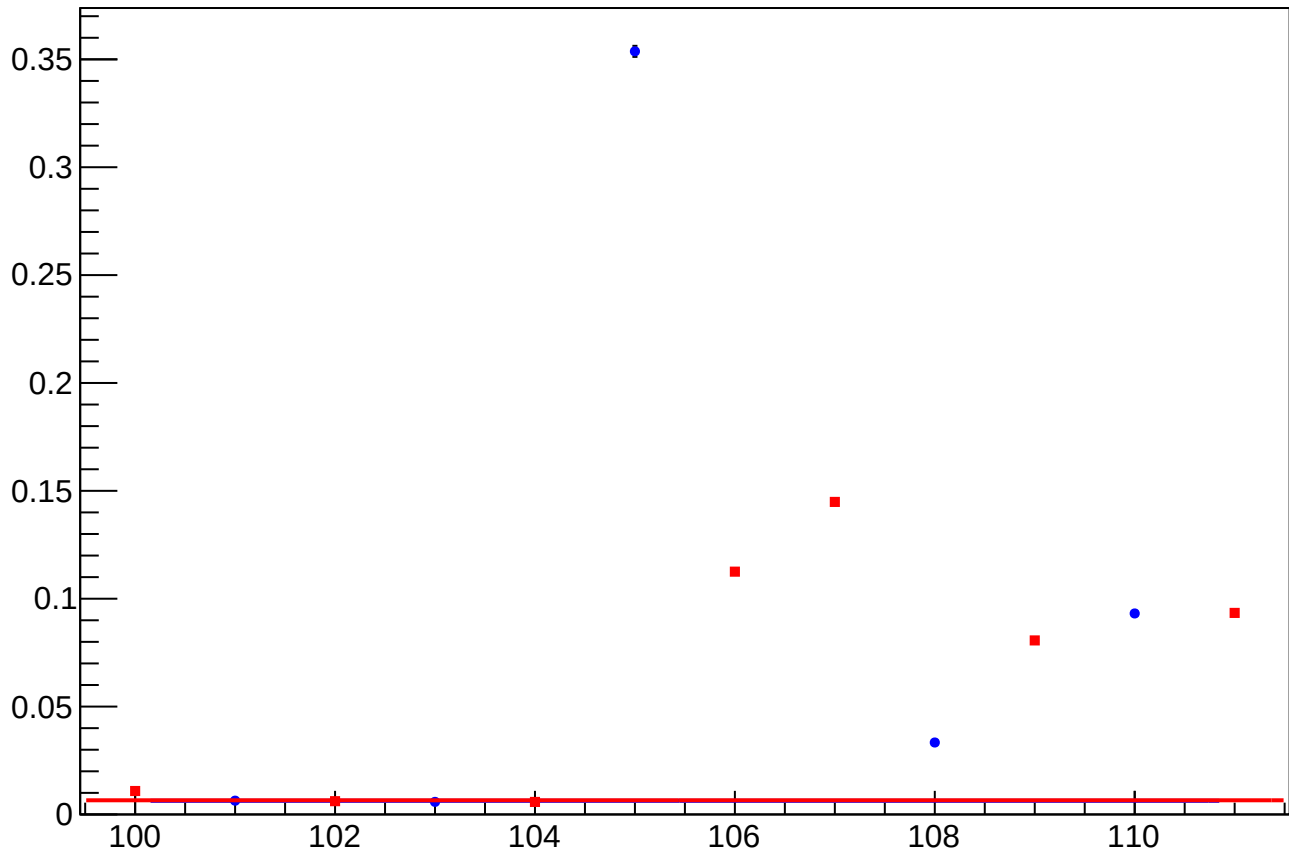
Right Out: 3.347 $\pm$ 0.000 χ^2 /NDF: 173346742.6/6

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

3.310 $\pm$ 0.000 χ^2 /NDF: 83957229.7/4

3.347 $\pm$ 0.000 χ^2 /NDF: 173346742.6/6

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

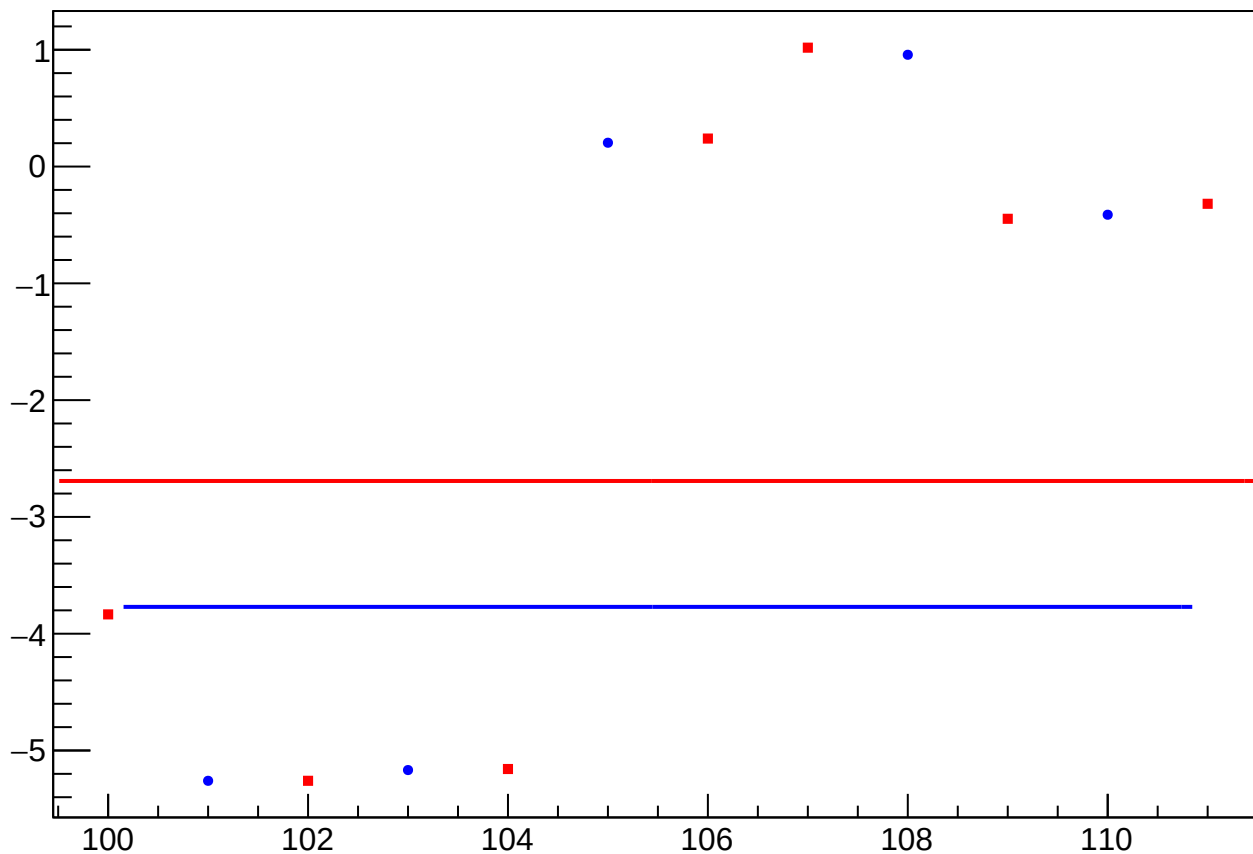
Right Out: 0.007+/-0.000 χ^2/NDF : 2578293.9/6

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

0.006+/-0.000 χ^2/NDF : 721103.4/4

0.007+/-0.000 χ^2/NDF : 2578293.9/6

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

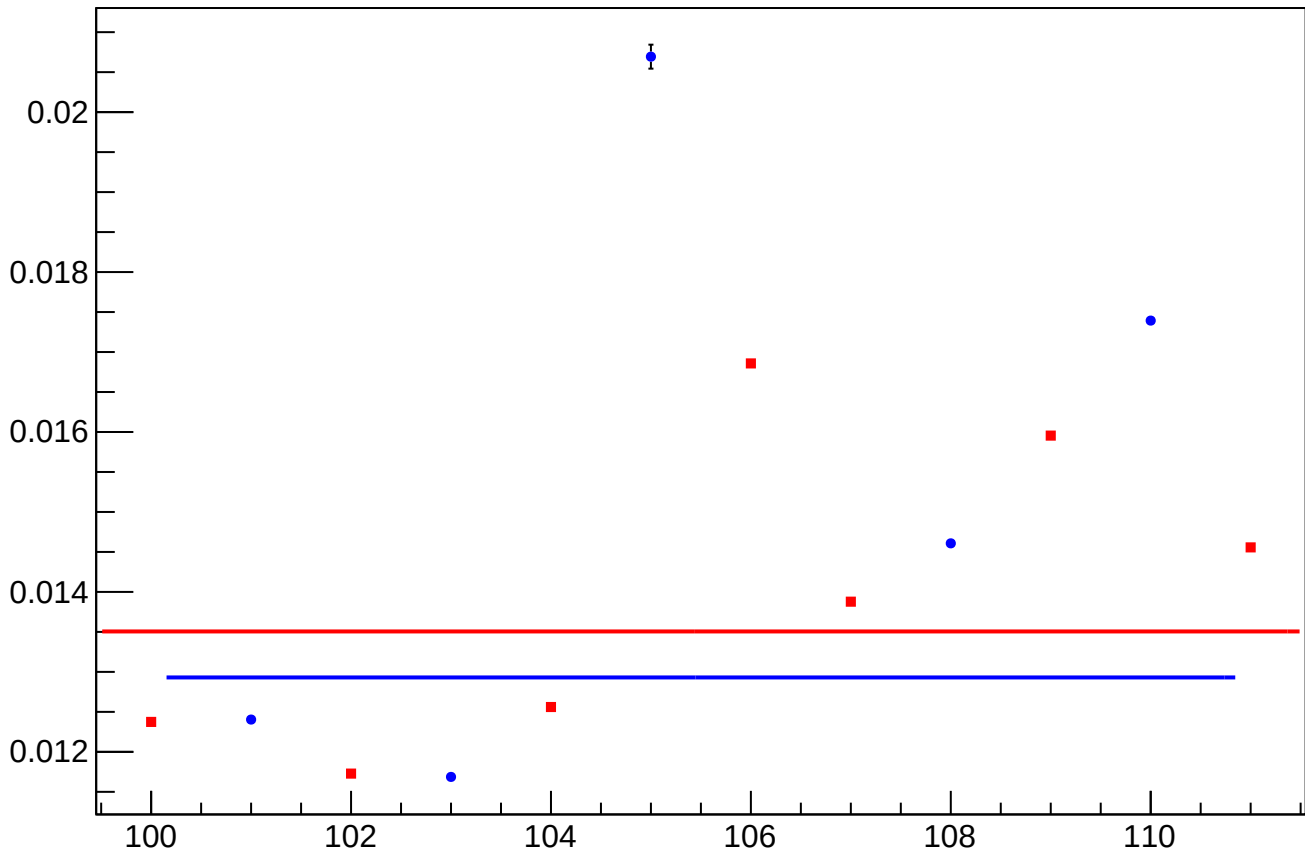
Right Out: -2.692+/-0.000 χ^2/NDF : 98051211162.0/6

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

-3.770+/-0.000 χ^2/NDF : 65289470576.7/4

-2.692+/-0.000 χ^2/NDF : 98051211162.0/6

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

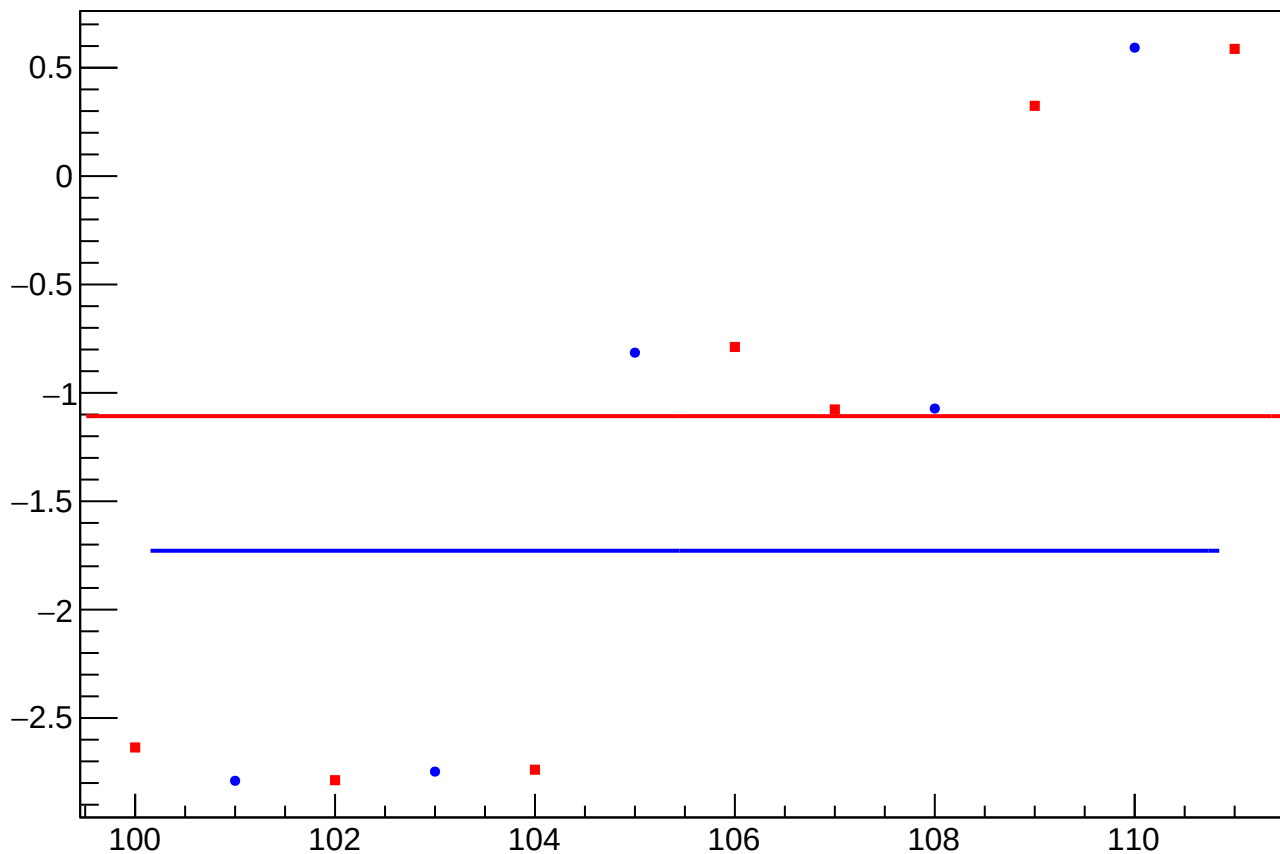
Right Out: 0.014+/-0.000 χ^2/NDF : 79732.8/6

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

0.013+/-0.000 χ^2/NDF : 62610.2/4

0.014+/-0.000 χ^2/NDF : 79732.8/6

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

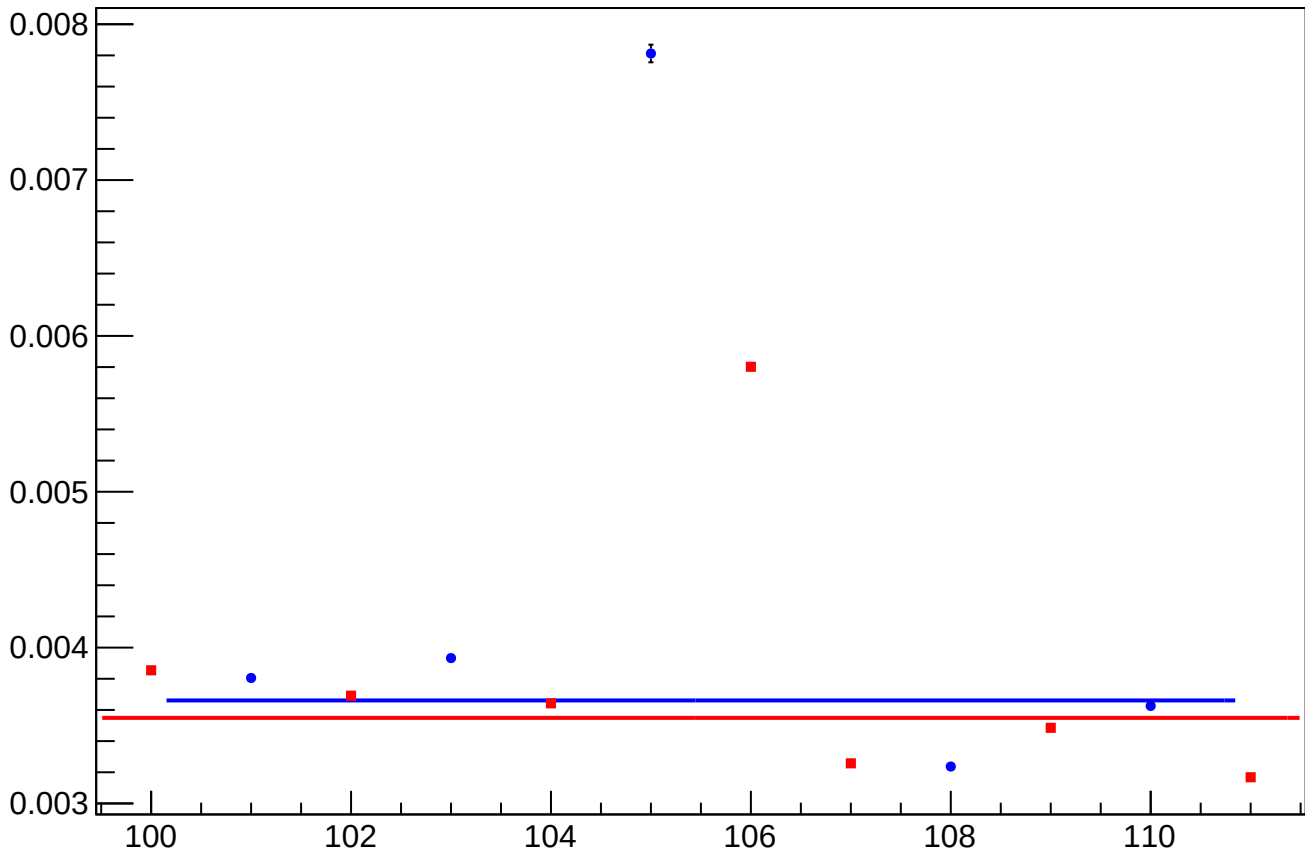
Right Out: -1.107+/-0.000 χ^2/NDF : 423761642260.1/6

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

-1.728+/-0.000 χ^2/NDF : 224232542906.6/4

-1.107+/-0.000 χ^2/NDF : 423761642260.1/6

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

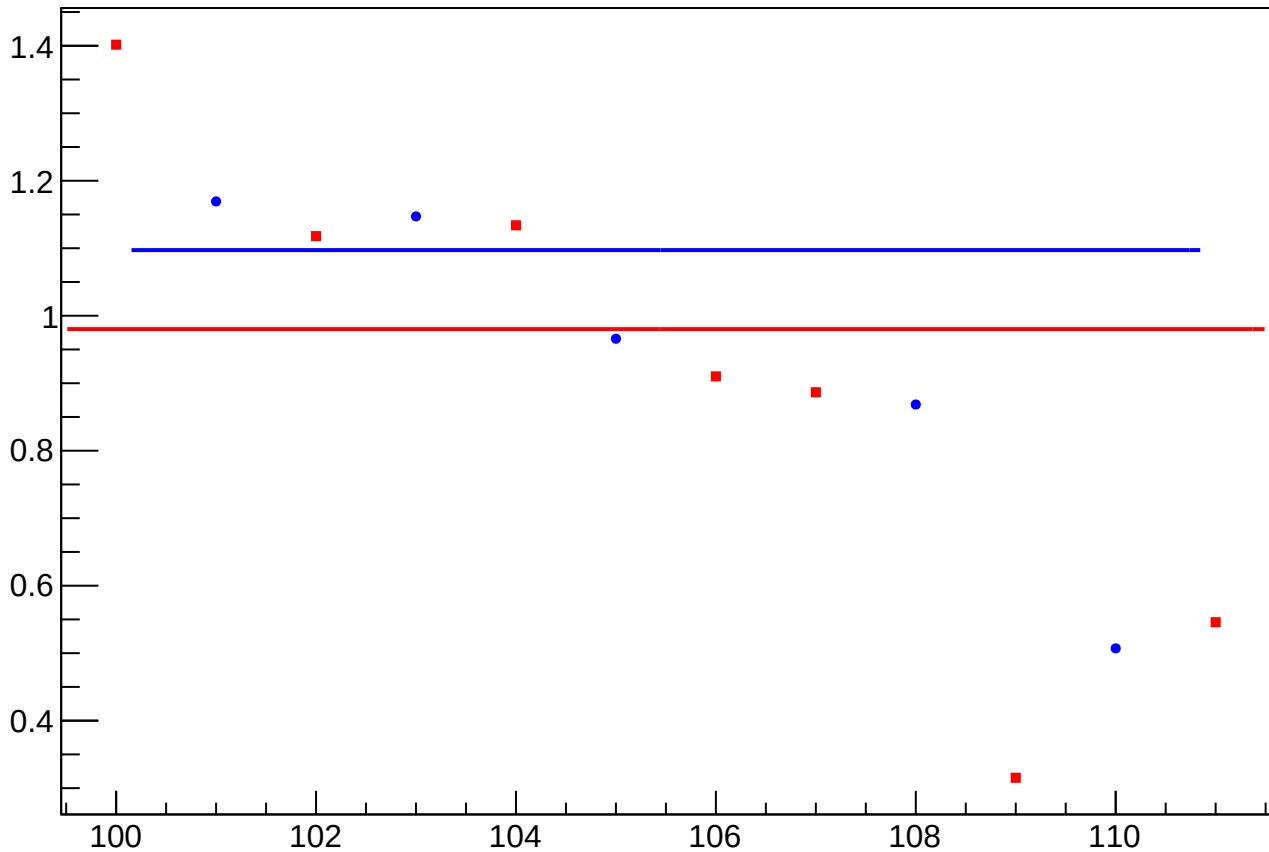
0.004+/-0.000 χ^2/NDF : 25249.6/4

Right Out: 0.004+/-0.000 χ^2/NDF : 102704.6/6

0.004+/-0.000 χ^2/NDF : 102704.6/6

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

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

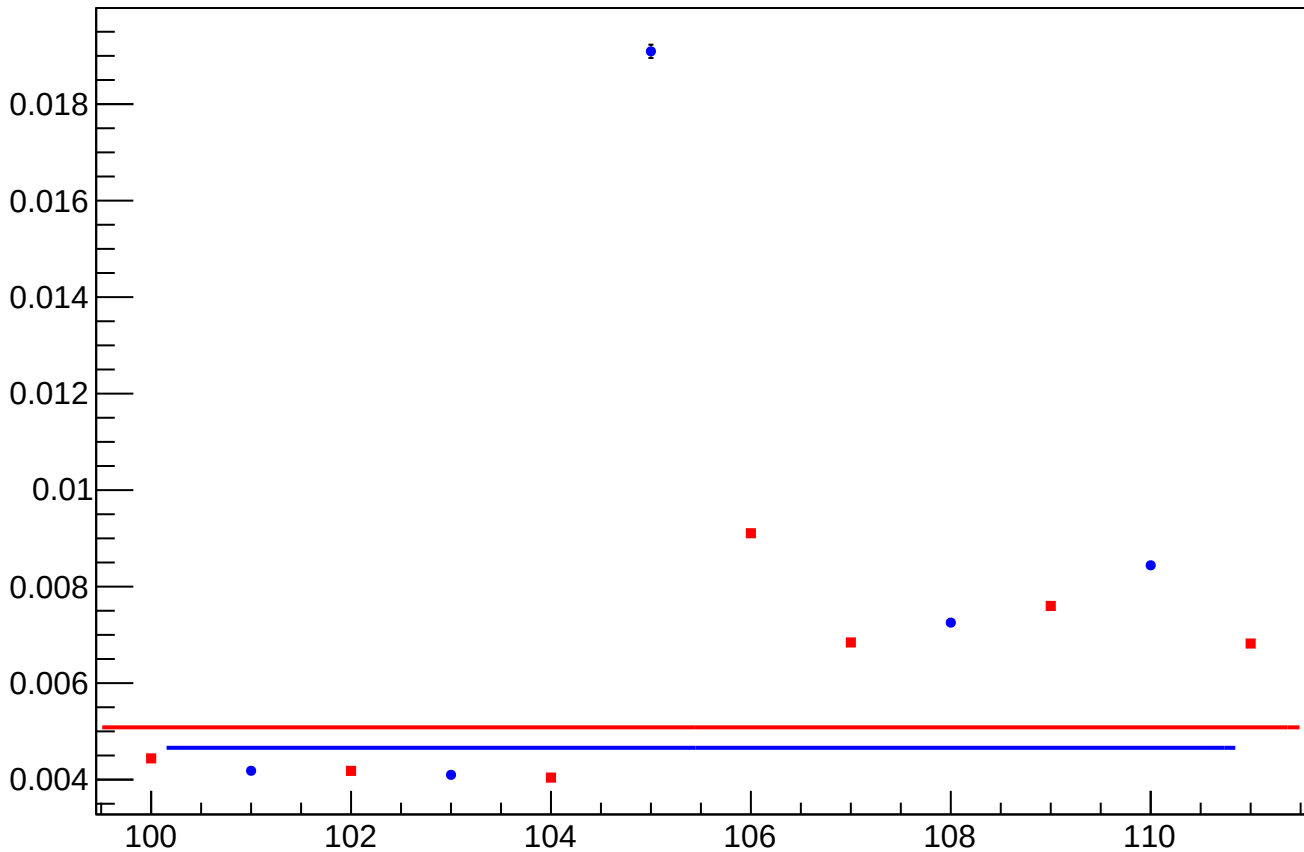
1.097+/-0.000 χ^2/NDF : 1978937481.5/4

Right Out: 0.980+/-0.000 χ^2/NDF : 7050129874.5/6

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

0.980+/-0.000 χ^2/NDF : 7050129874.5/6

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

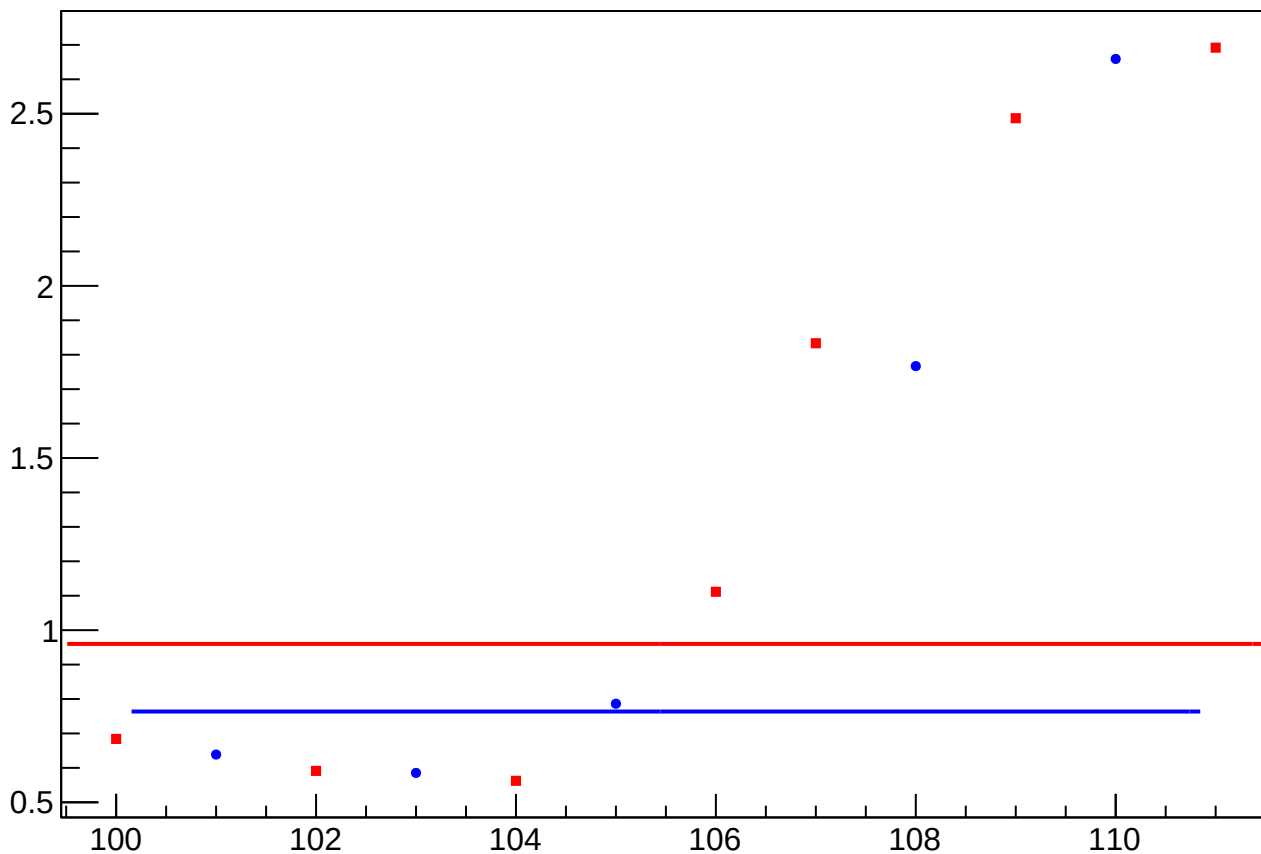
Right Out: 0.005+/-0.000 χ^2/NDF : 401244.0/6

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 : 401244.0/6

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

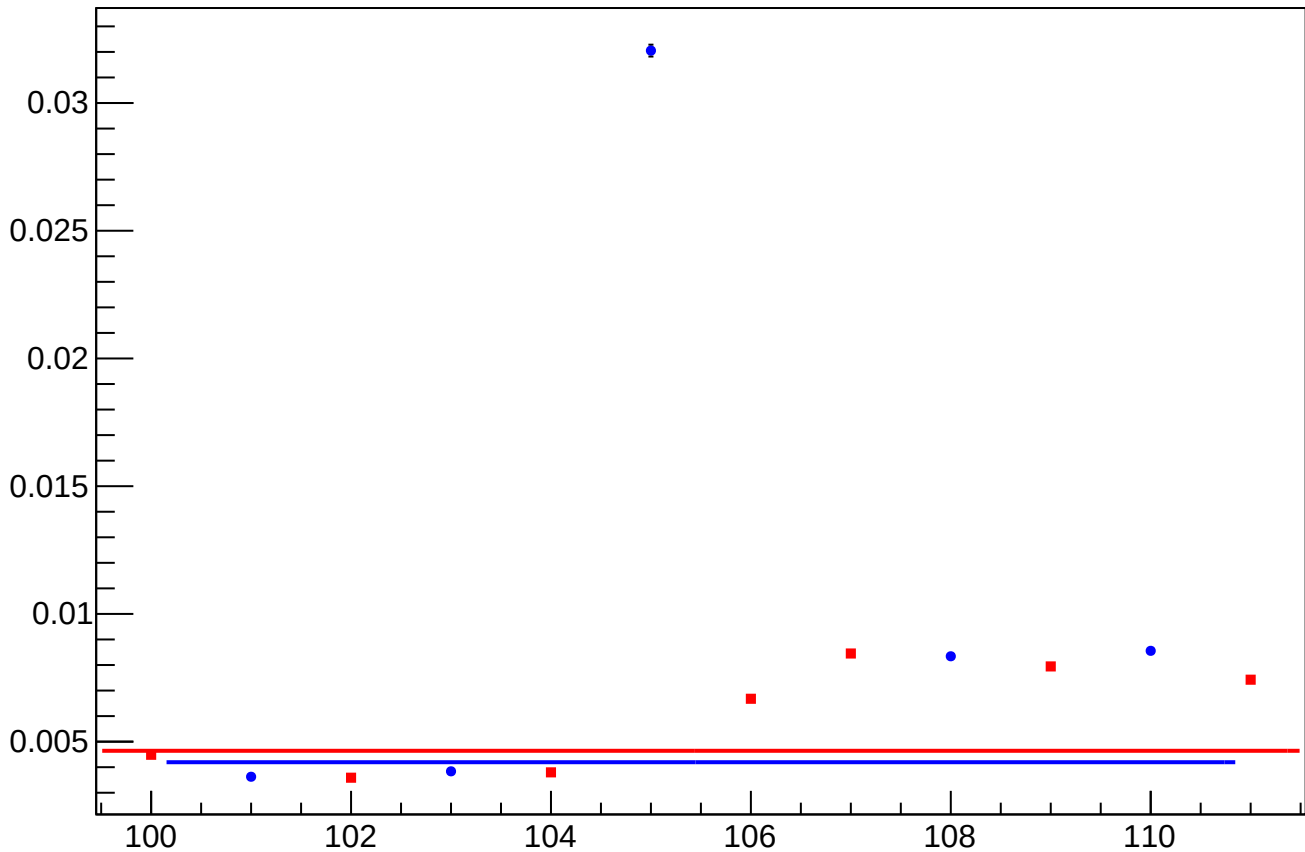
Right Out: 0.960+/-0.000 χ^2/NDF : 53771983393.6/6

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

0.764+/-0.000 χ^2/NDF : 19777845133.6/4

0.960+/-0.000 χ^2/NDF : 53771983393.6/6

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

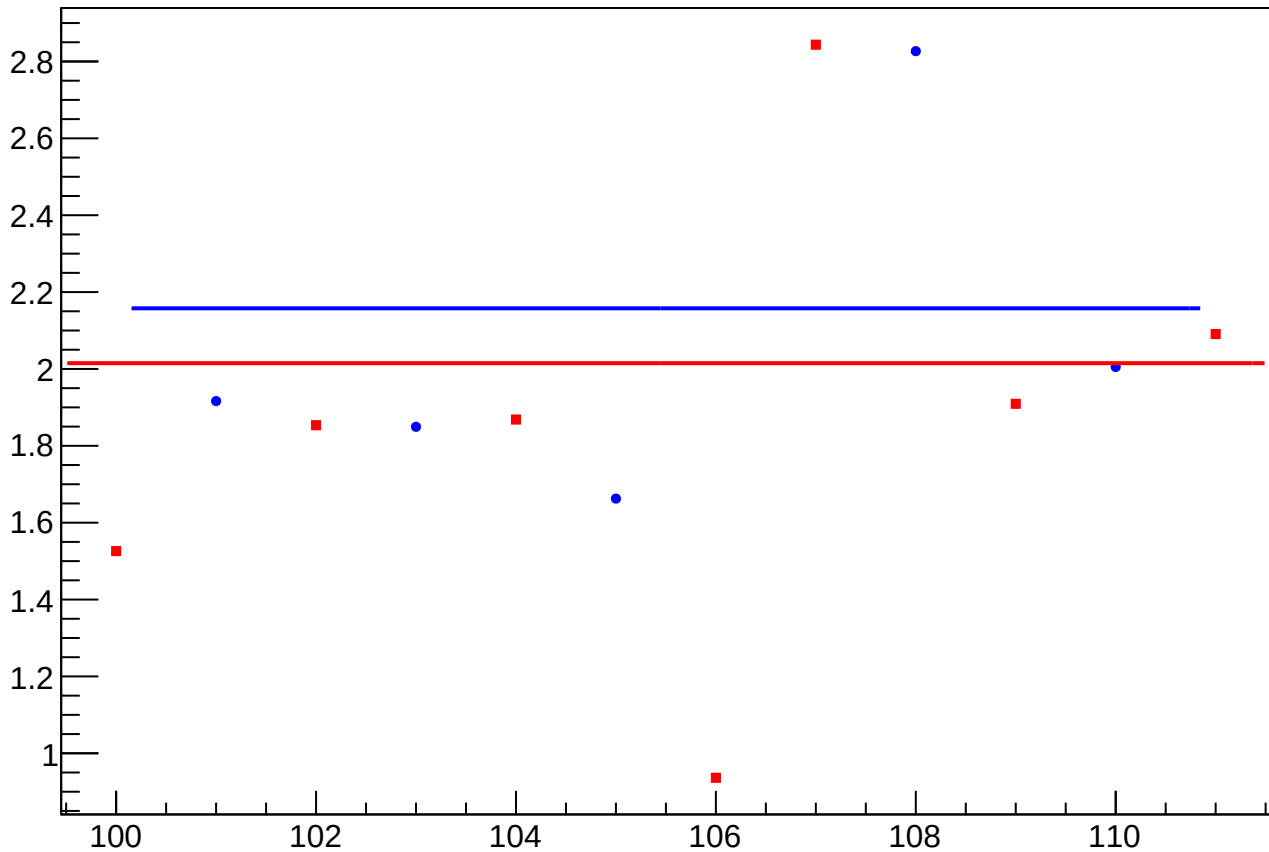
0.004+/-0.000 χ^2/NDF : 368043.4/4

Right Out: 0.005+/-0.000 χ^2/NDF : 579267.8/6

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

0.005+/-0.000 χ^2/NDF : 579267.8/6

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

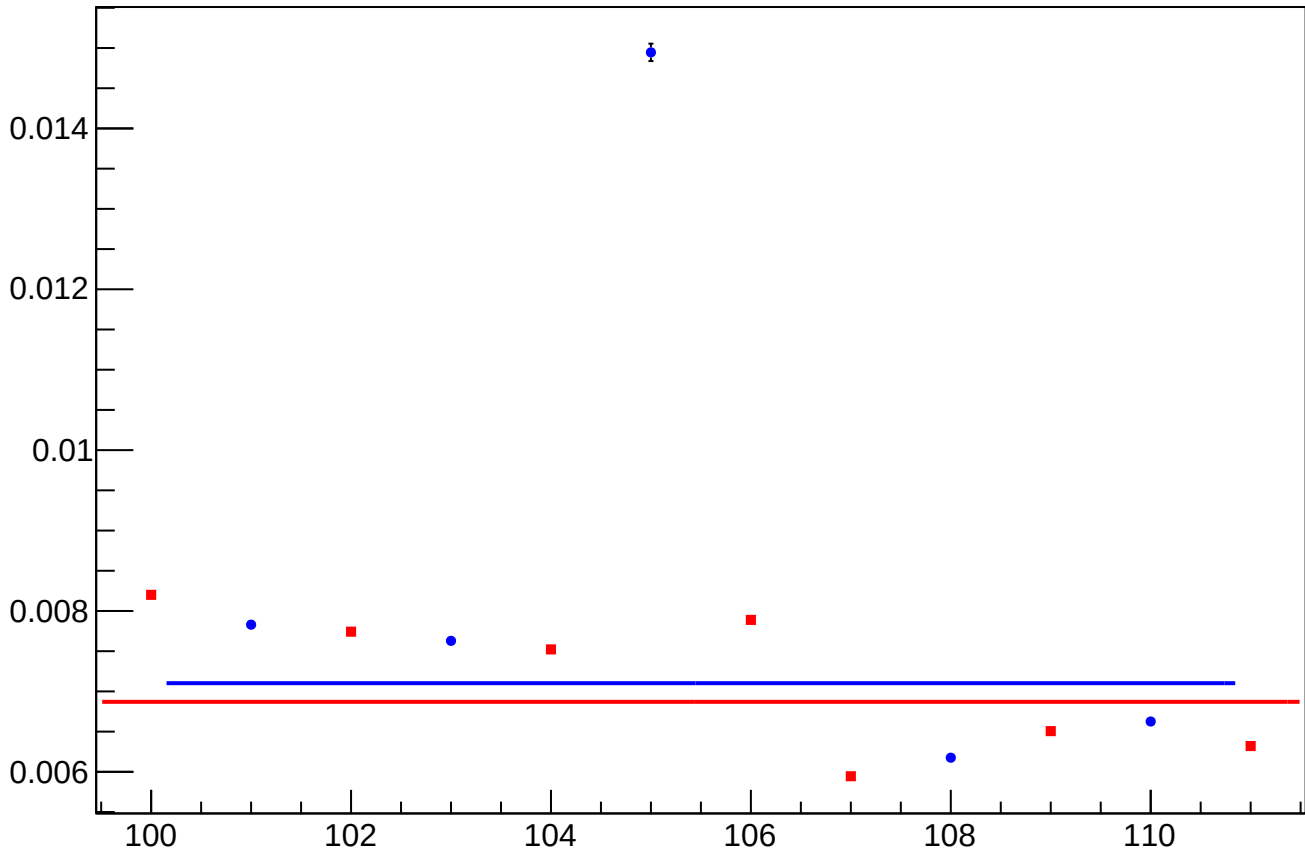
2.158+/-0.000 χ^2/NDF : 5787543152.0/4

Right Out: 2.015+/-0.000 χ^2/NDF : 12476501124.0/6

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

2.015+/-0.000 χ^2/NDF : 12476501124.0/6

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

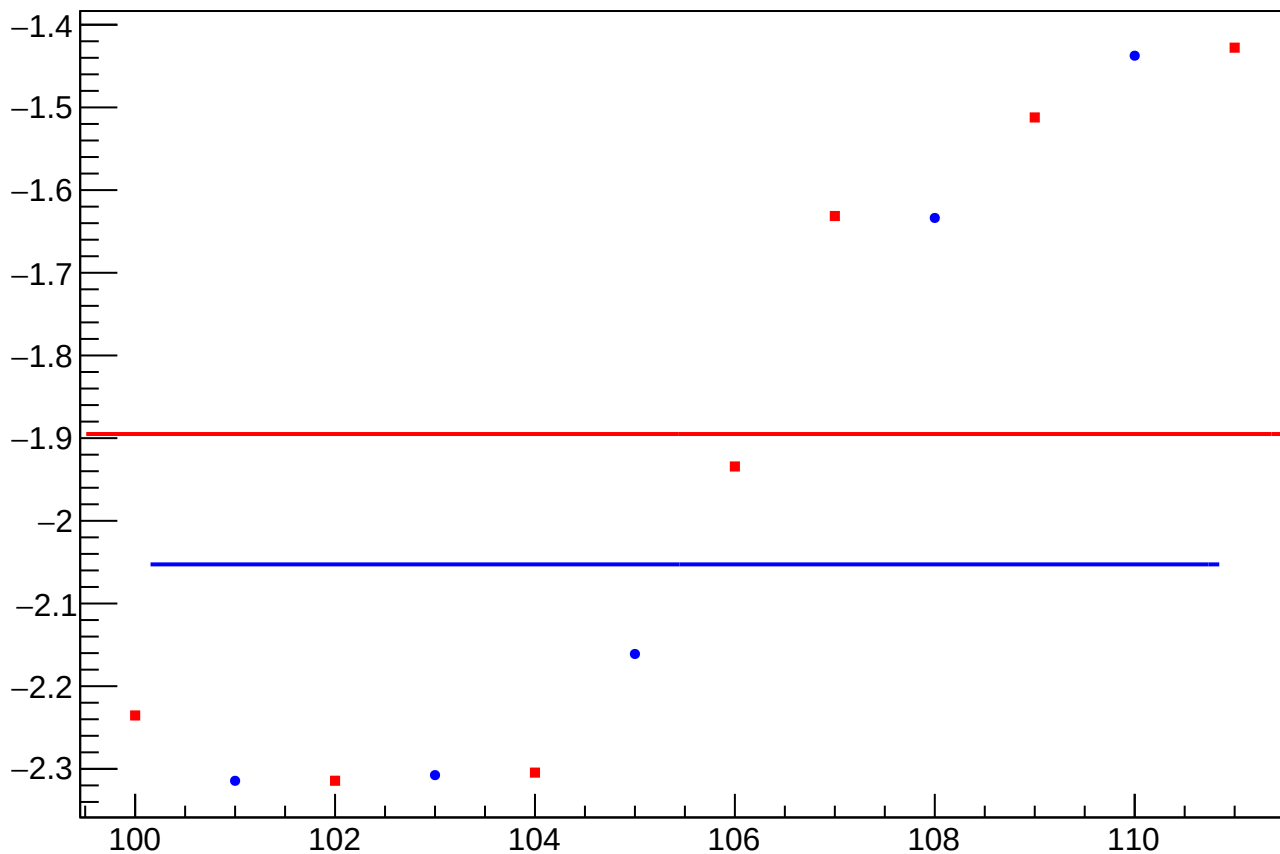
Right Out: 0.007+/-0.000 χ^2/NDF : 58897.7/6

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 : 58897.7/6

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

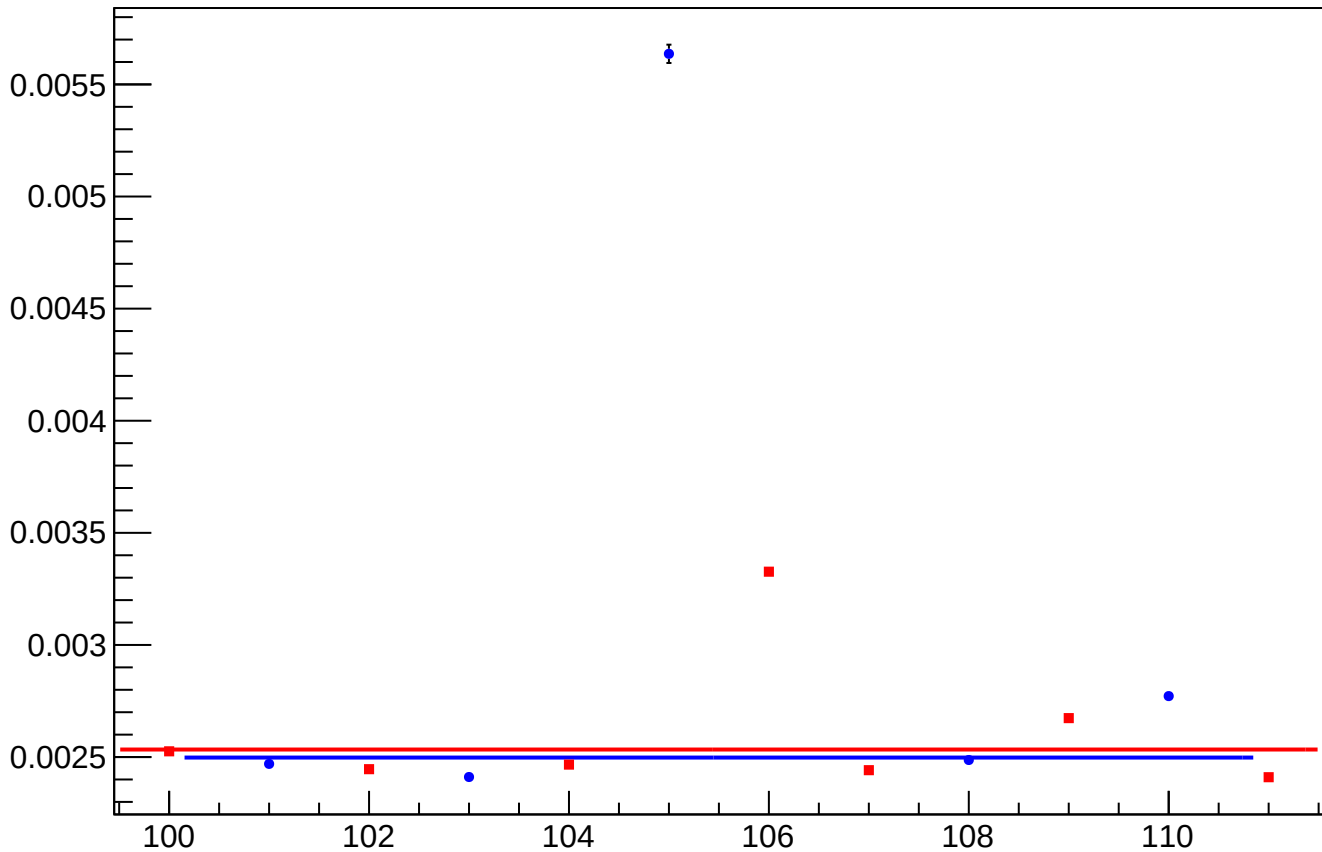
Right Out: -1.895+/-0.000 χ^2/NDF : 60356131747.0/6

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

-2.053+/-0.000 χ^2/NDF : 38465126122.3/4

-1.895+/-0.000 χ^2/NDF : 60356131747.0/6

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

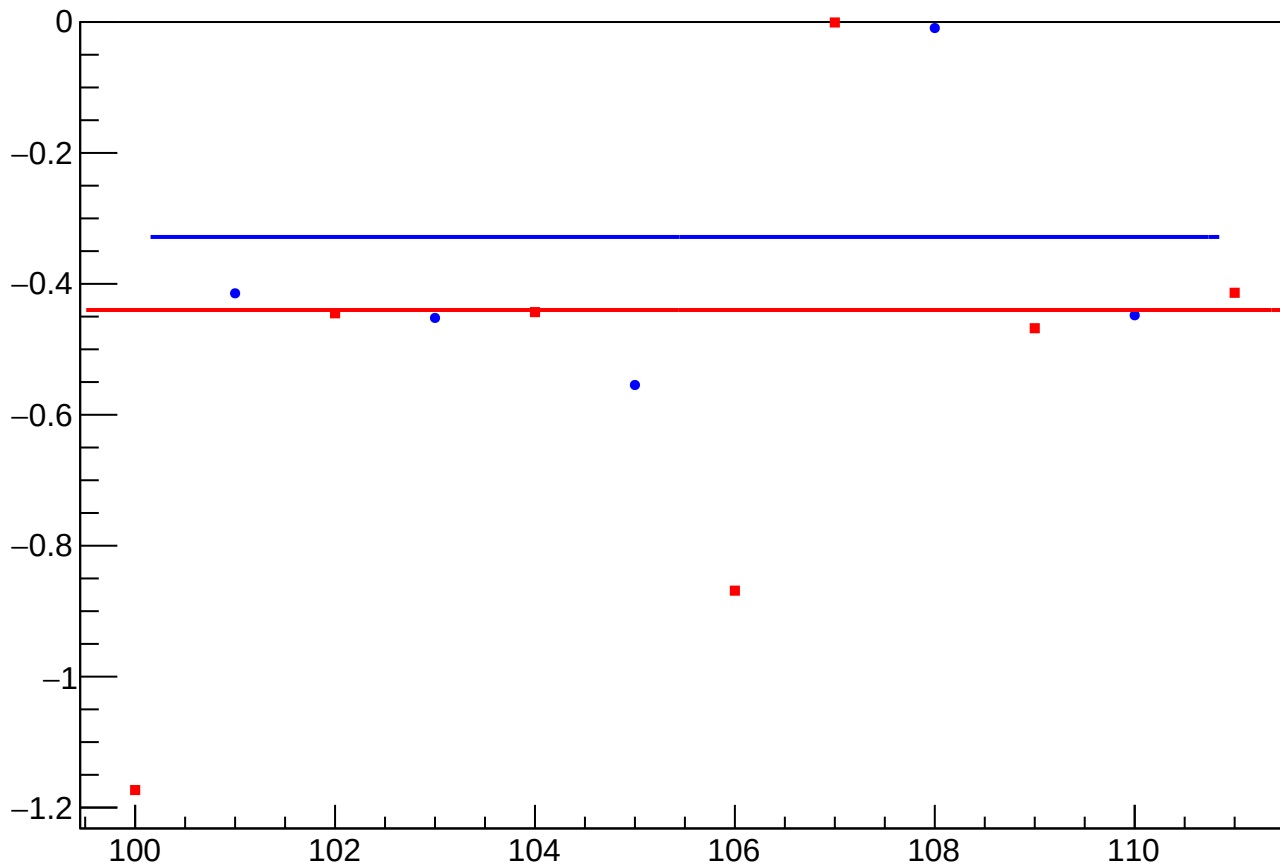
Right Out: 0.003+/-0.000 χ^2/NDF : 37202.7/6

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 : 37202.7/6

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

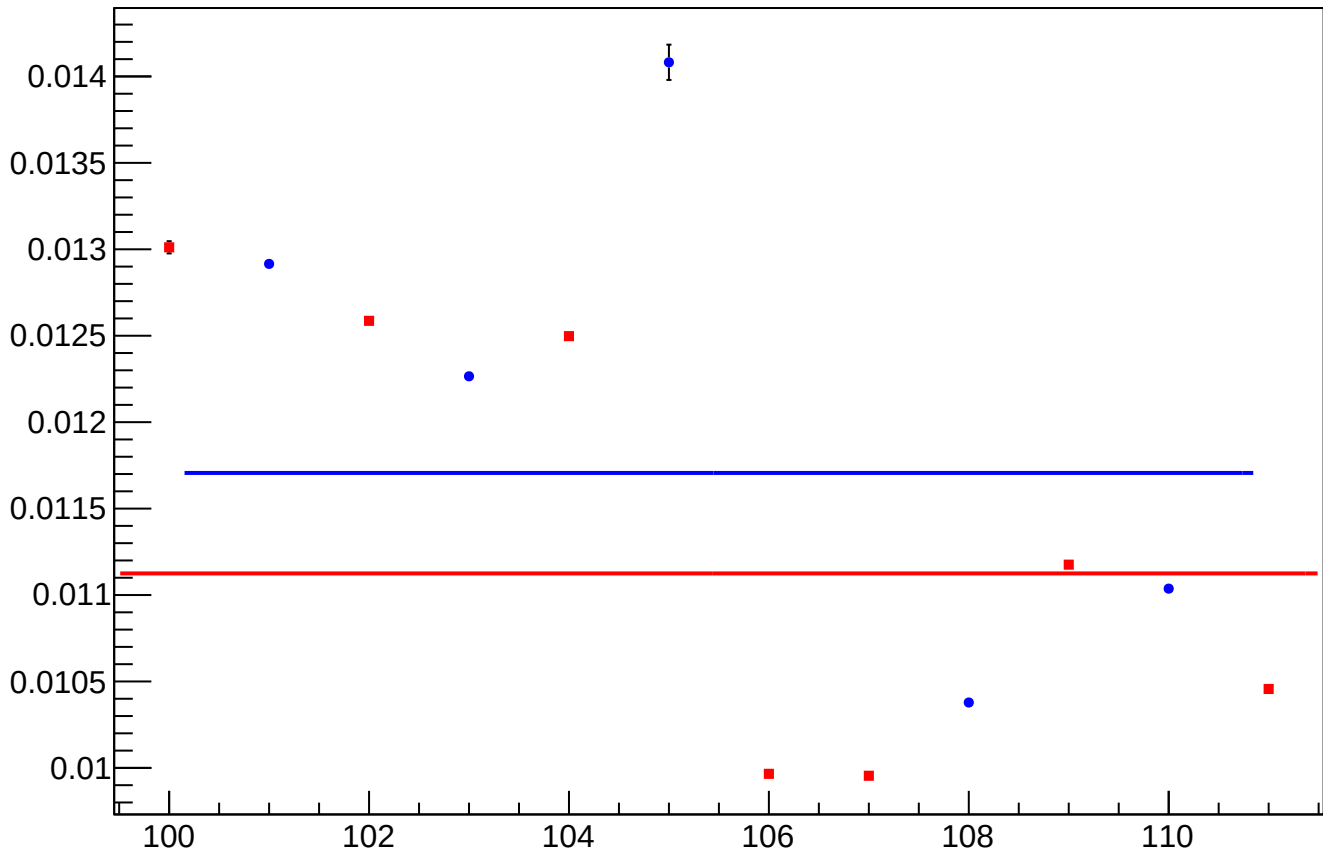
Right Out: -0.440+/-0.000 χ^2/NDF : 1435867869.3/6

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

-0.328+/-0.000 χ^2/NDF : 472262853.7/4

-0.440+/-0.000 χ^2/NDF : 1435867869.3/6

yield_bpm0l07X_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 27442.7/4

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

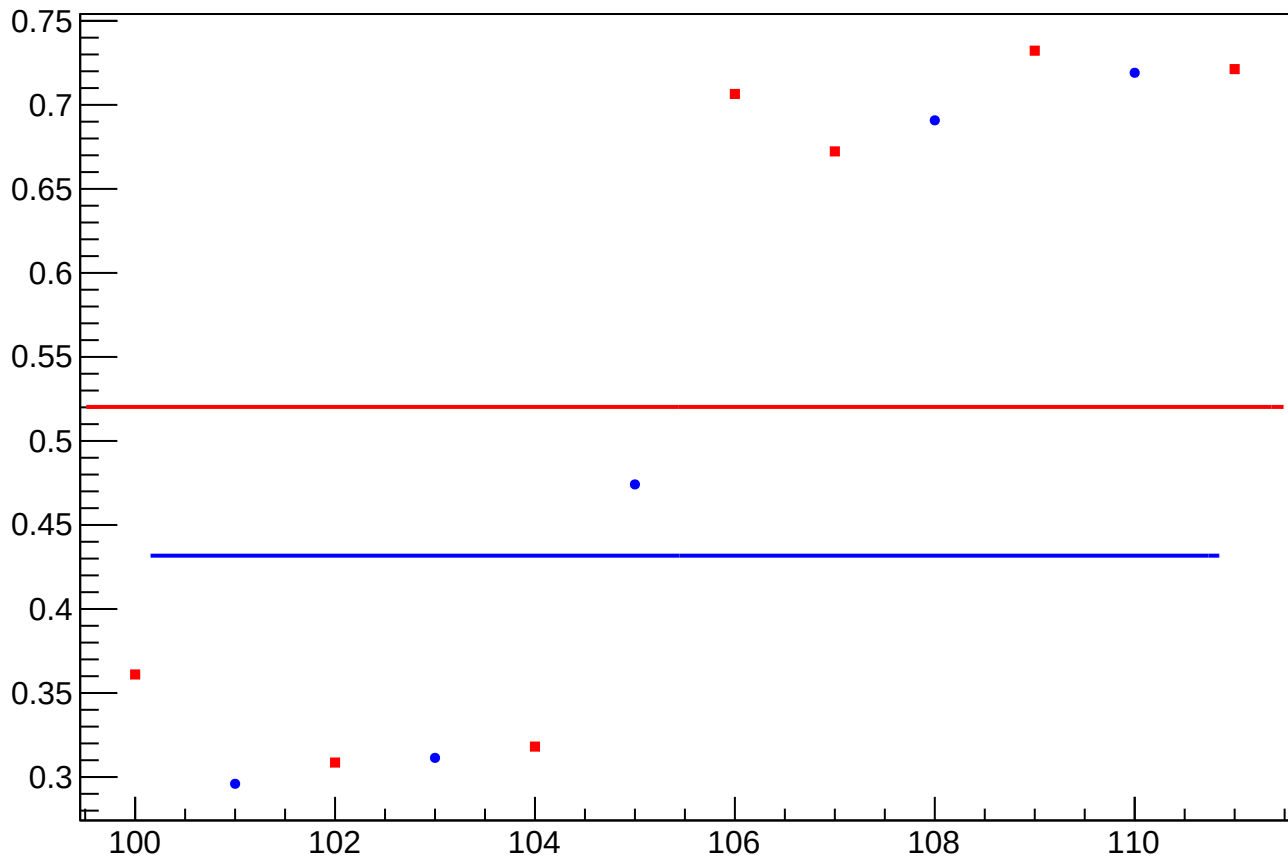
Right Out: 0.011+/-0.000 χ^2/NDF : 49796.1/6

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

0.012+/-0.000 χ^2/NDF : 27442.7/4

0.011+/-0.000 χ^2/NDF : 49796.1/6

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

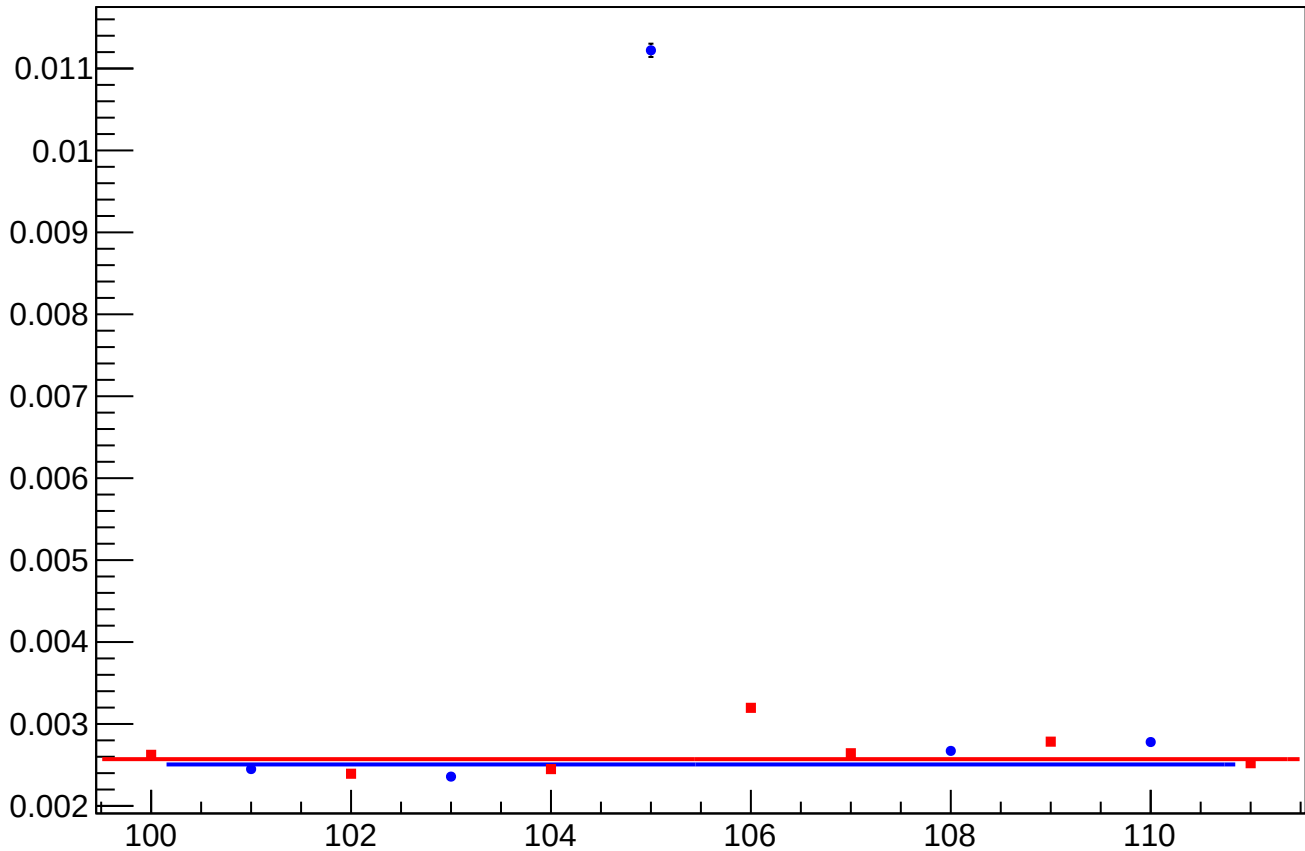
0.432+/-0.000 χ^2/NDF : 10084108155.3/4

Right Out: 0.520+/-0.000 χ^2/NDF : 14997134961.6/6

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

0.520+/-0.000 χ^2/NDF : 14997134961.6/6

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

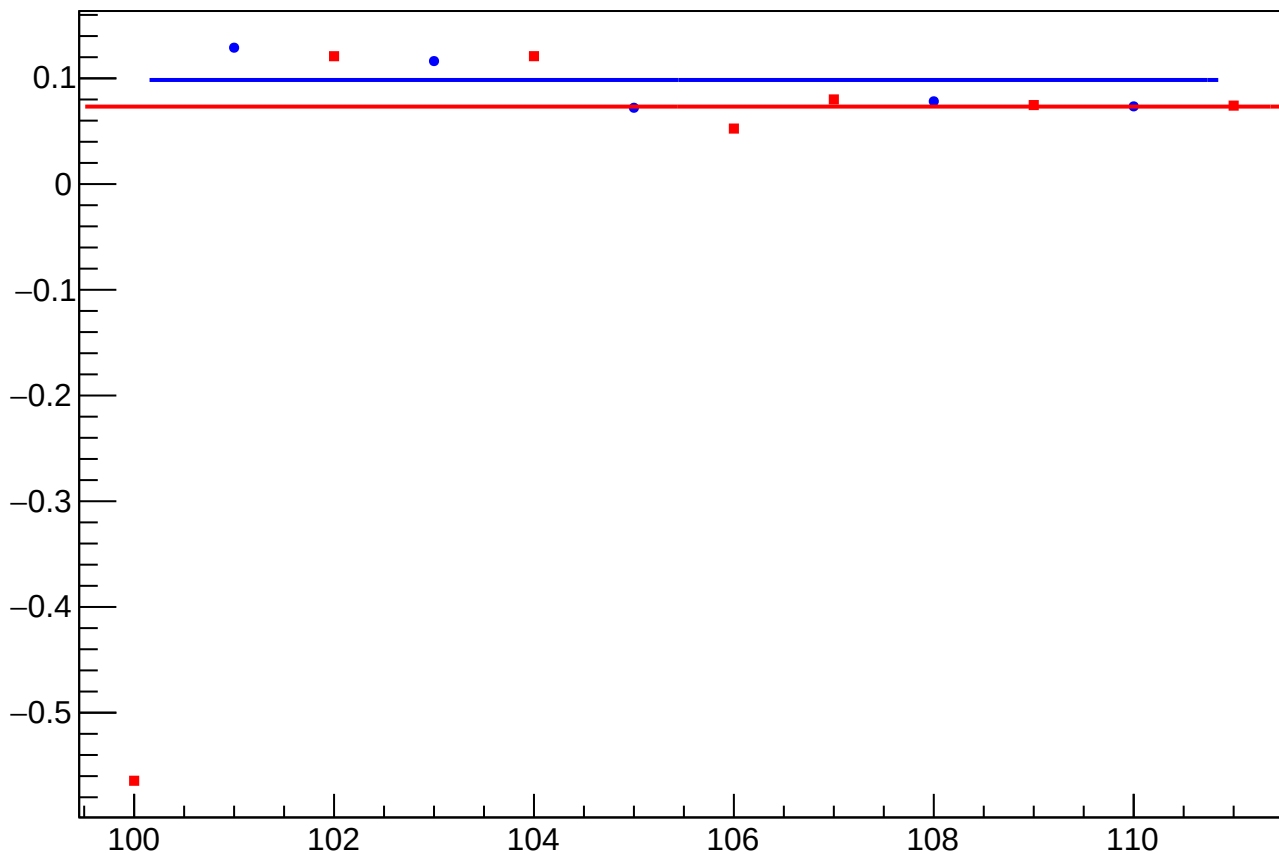
Right Out: 0.003+/-0.000 χ^2/NDF : 30291.1/6

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 : 30291.1/6

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

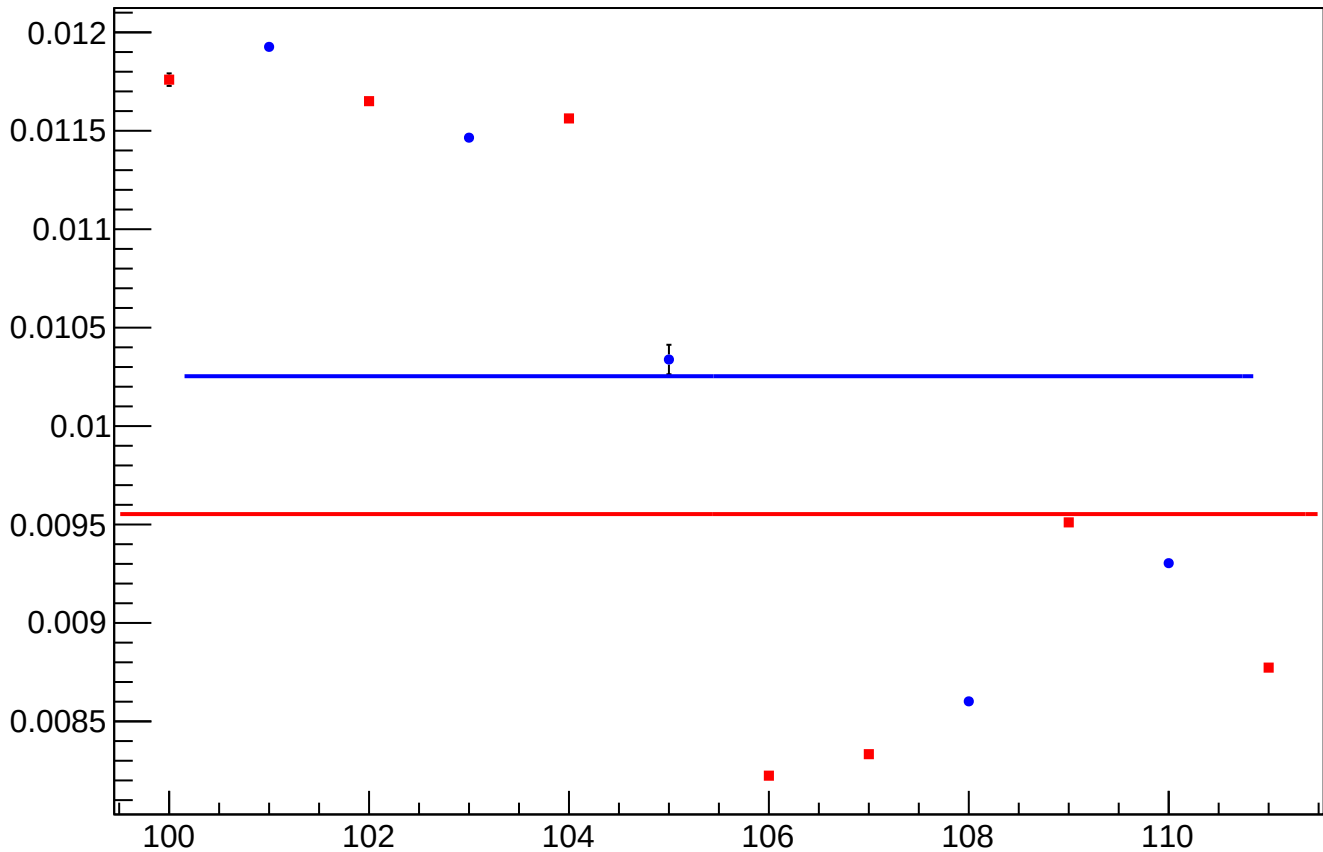
Right Out: 0.073+/-0.000 χ^2/NDF : 219494141.0/6

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 : 219494141.0/6

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

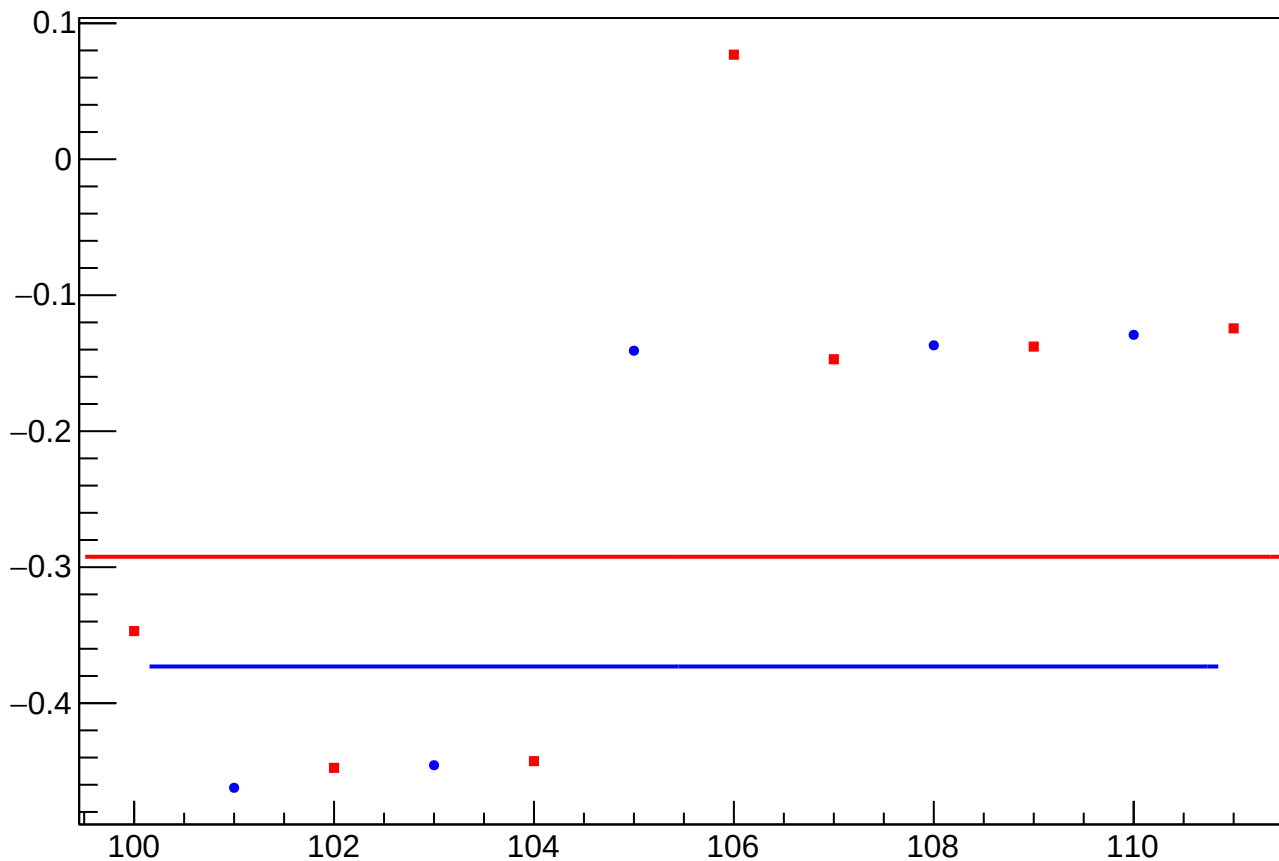
0.010+/-0.000 χ^2/NDF : 69130.6/4

Right Out: 0.010+/-0.000 χ^2/NDF : 105218.8/6

0.010+/-0.000 χ^2/NDF : 105218.8/6

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

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

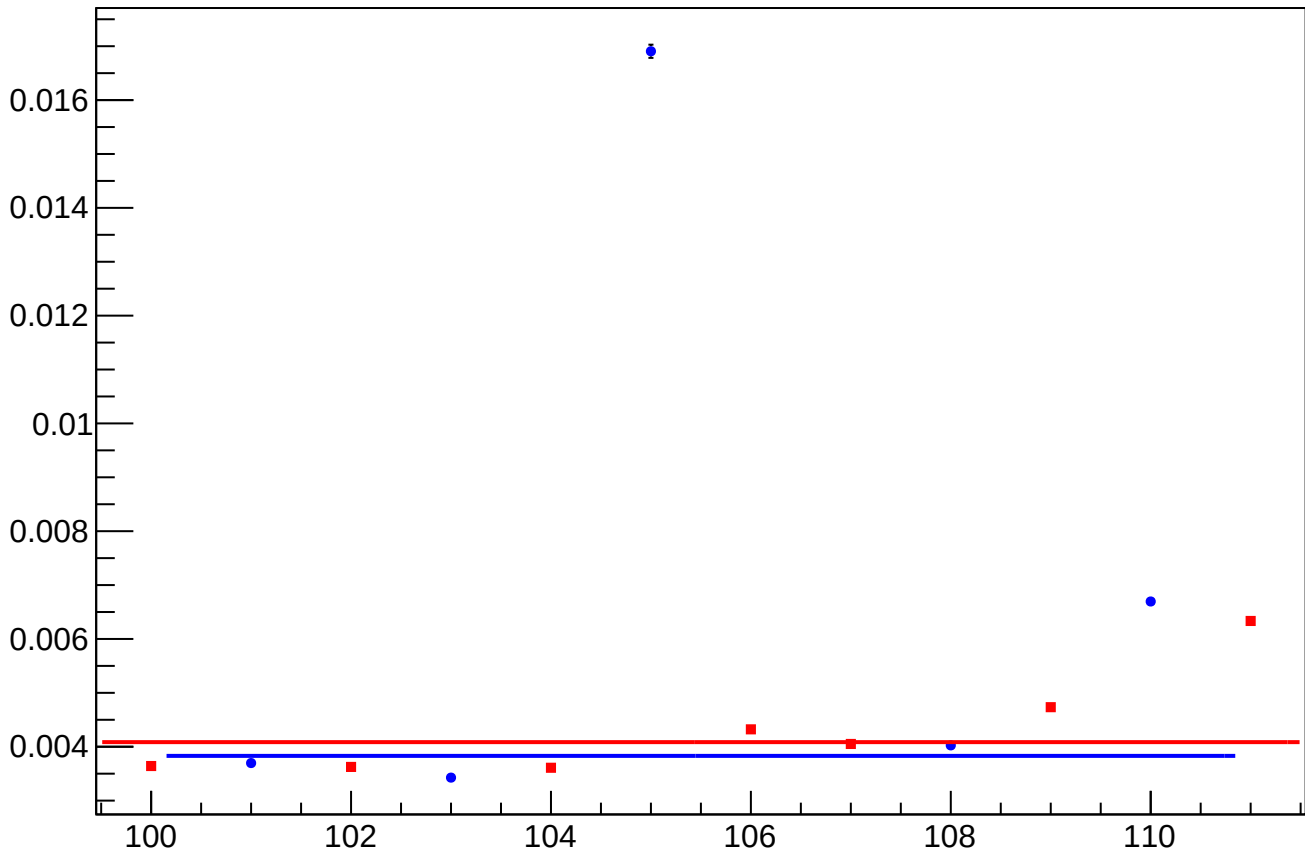
Right Out: -0.292+/-0.000 χ^2/NDF : 4476043390.0/6

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

-0.373+/-0.000 χ^2/NDF : 2288396625.9/4

-0.292+/-0.000 χ^2/NDF : 4476043390.0/6

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

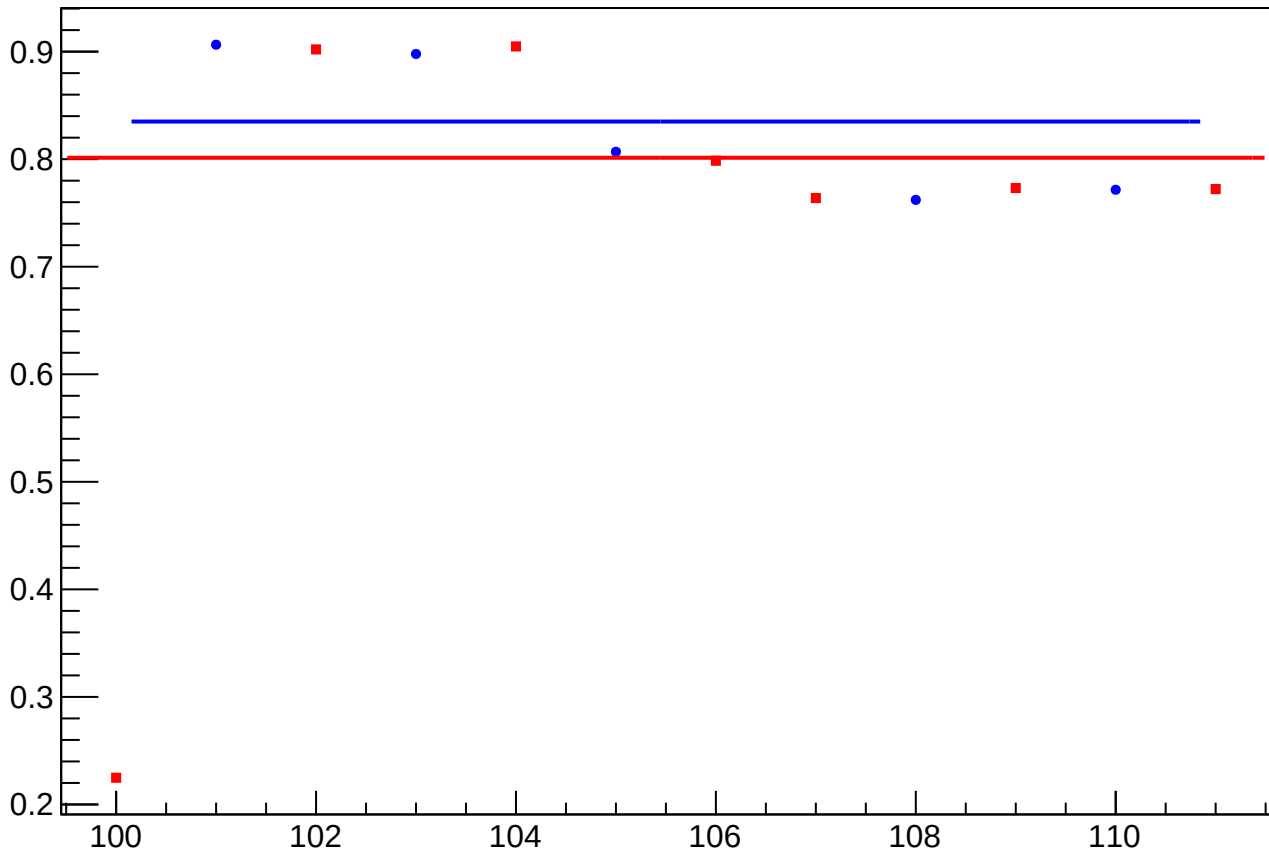
0.004+/-0.000 χ^2/NDF : 143323.1/4

Right Out: 0.004+/-0.000 χ^2/NDF : 154638.1/6

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

0.004+/-0.000 χ^2/NDF : 154638.1/6

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

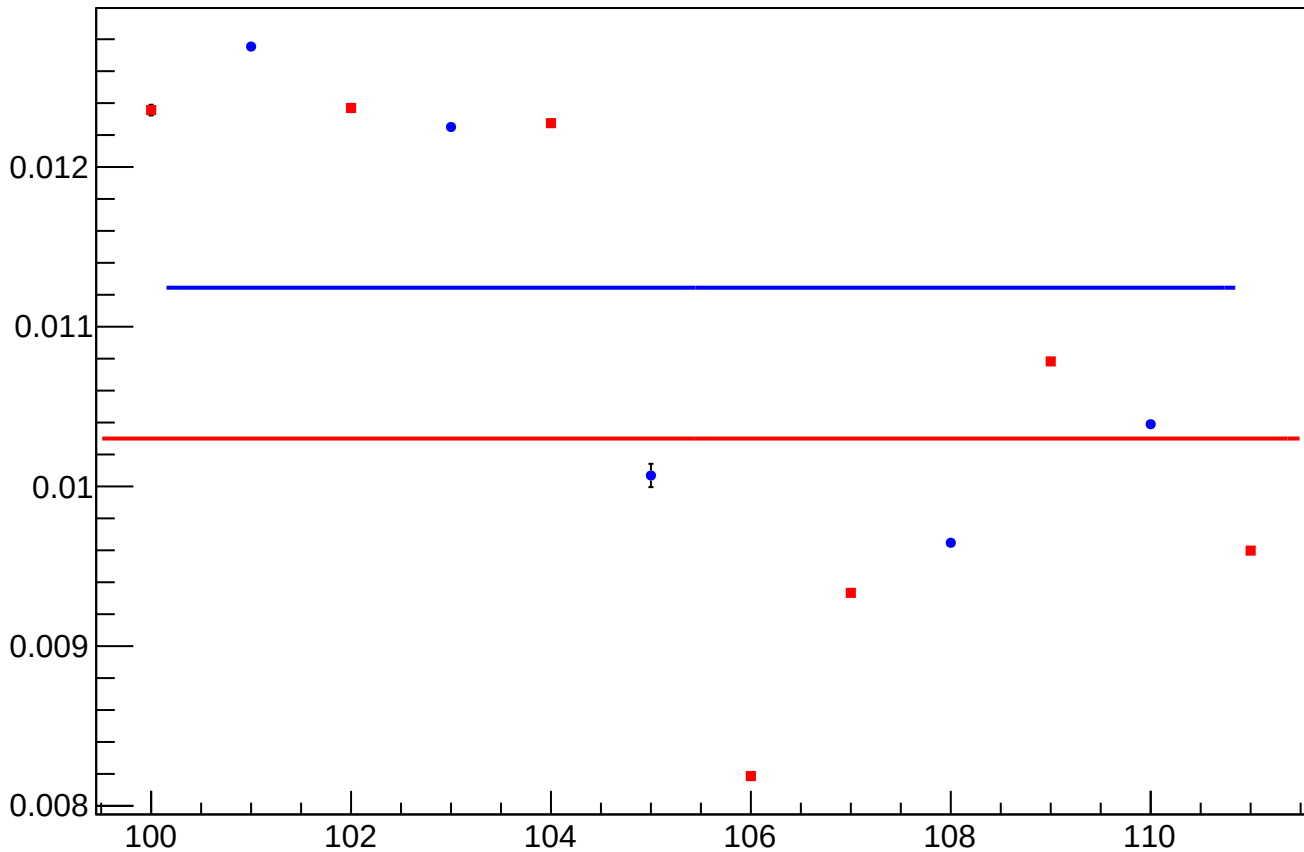
0.835+/-0.000 χ^2/NDF : 65959225.8/4

Right Out: 0.801+/-0.000 χ^2/NDF : 230719551.2/6

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

0.801+/-0.000 χ^2/NDF : 230719551.2/6

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

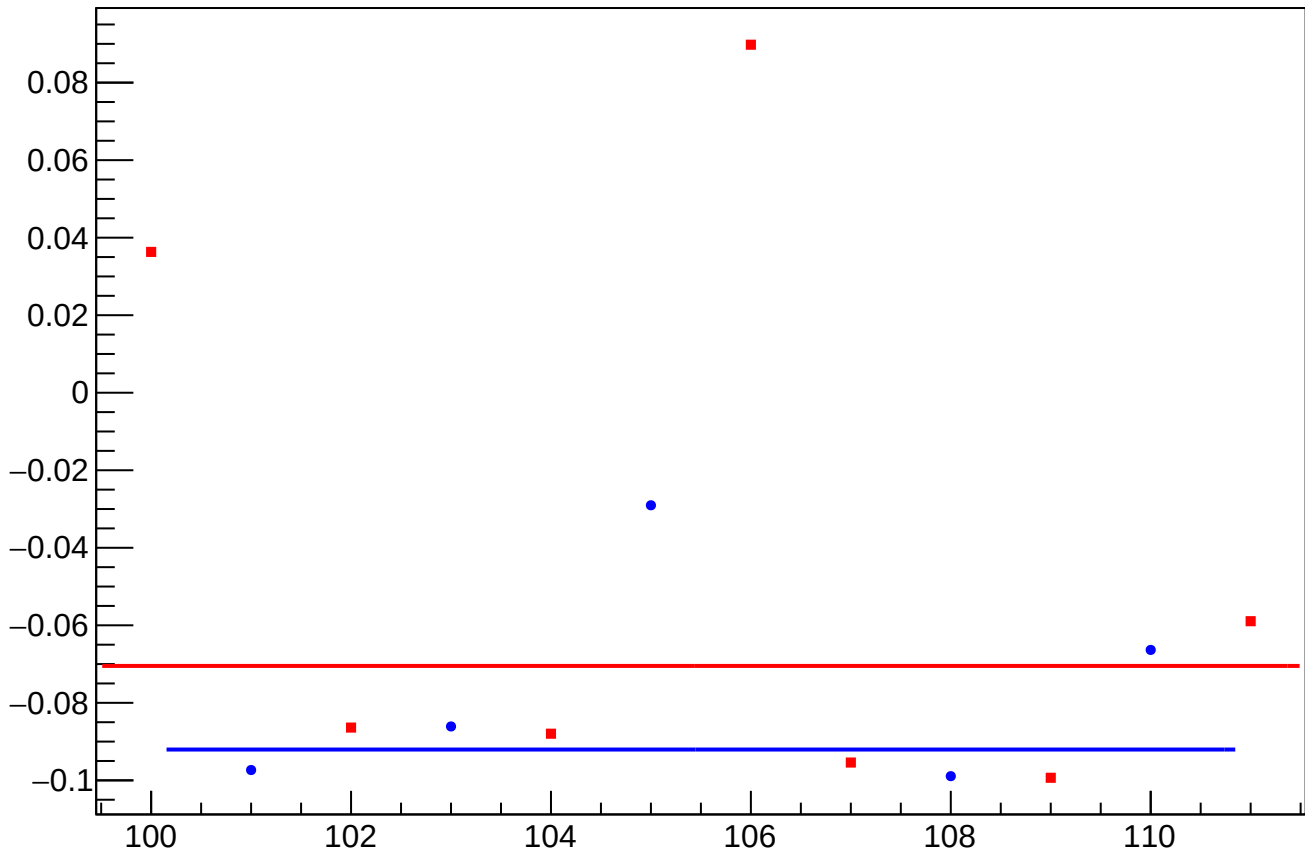
0.011+/-0.000 χ^2/NDF : 48474.0/4

Right Out: 0.010+/-0.000 χ^2/NDF : 111232.2/6

0.010+/-0.000 χ^2/NDF : 111232.2/6

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

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

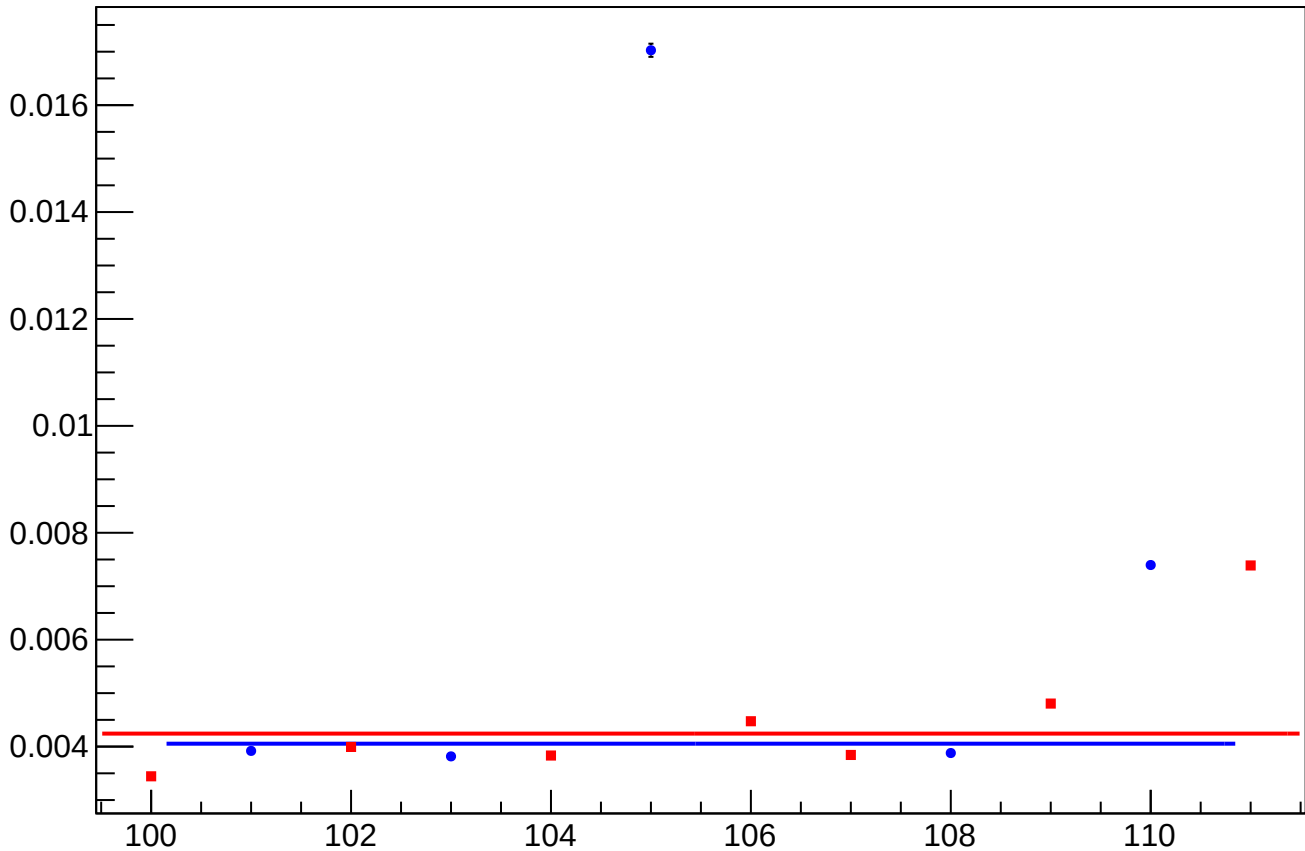
-0.092+/-0.000 χ^2/NDF : 7148655.6/4

Right Out: -0.070+/-0.000 χ^2/NDF : 364269963.3/6

-0.070+/-0.000 χ^2/NDF : 364269963.3/6

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

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

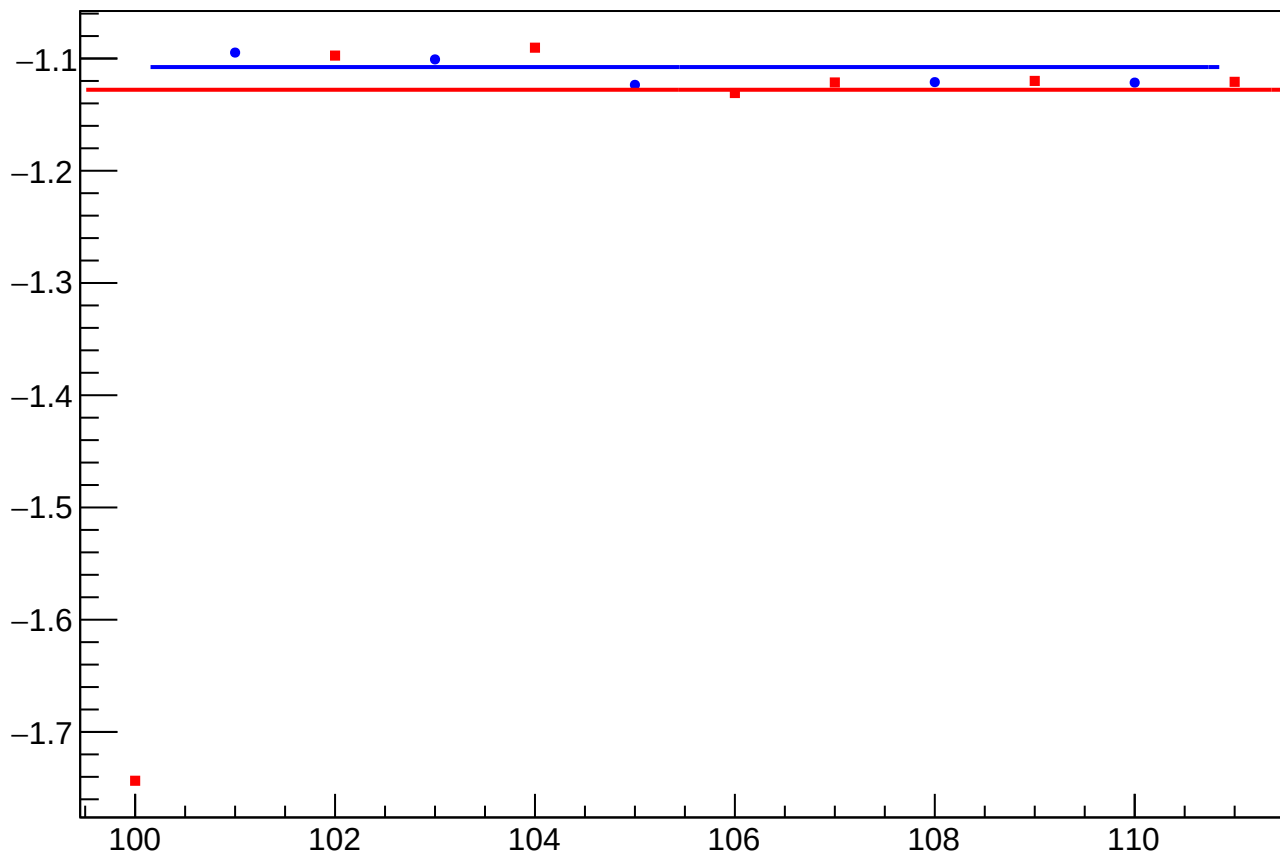
Right Out: 0.004+/-0.000 χ^2/NDF : 179549.4/6

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 : 179549.4/6

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

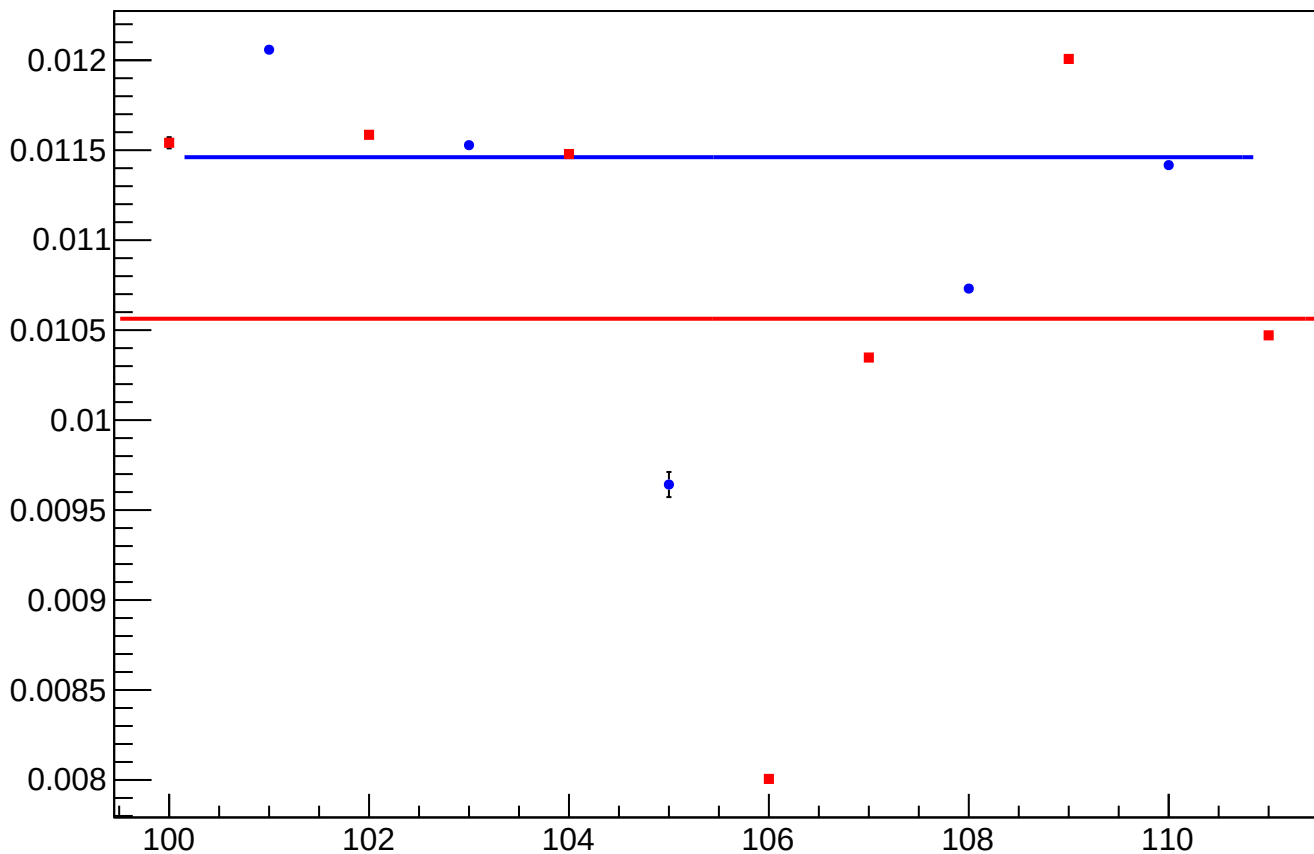
Right Out: -1.128+/-0.000 χ^2/NDF : 204331159.2/6

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

-1.108+/-0.000 χ^2/NDF : 1932398.9/4

-1.128+/-0.000 χ^2/NDF : 204331159.2/6

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

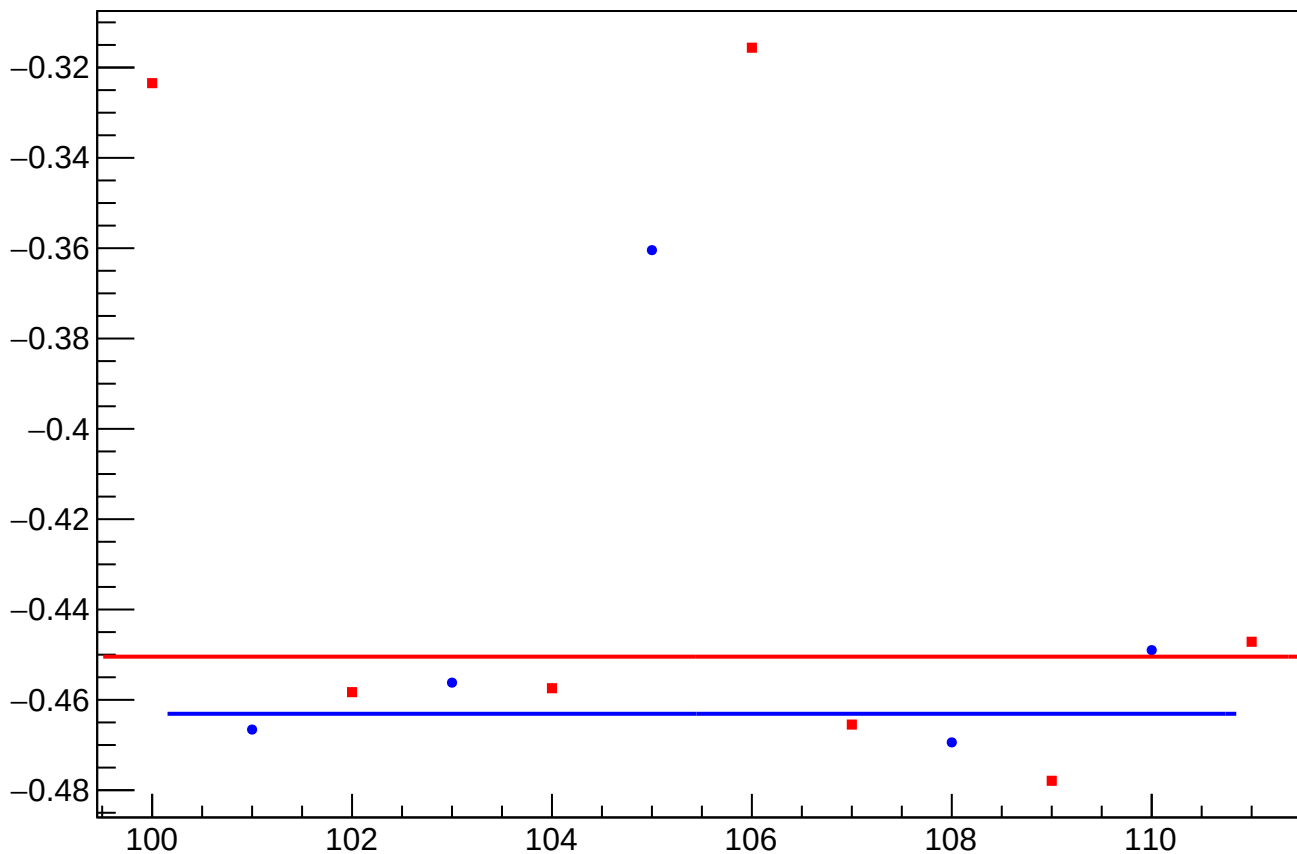
Right Out: 0.011+/-0.000 χ^2/NDF : 89786.3/6

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 : 89786.3/6

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

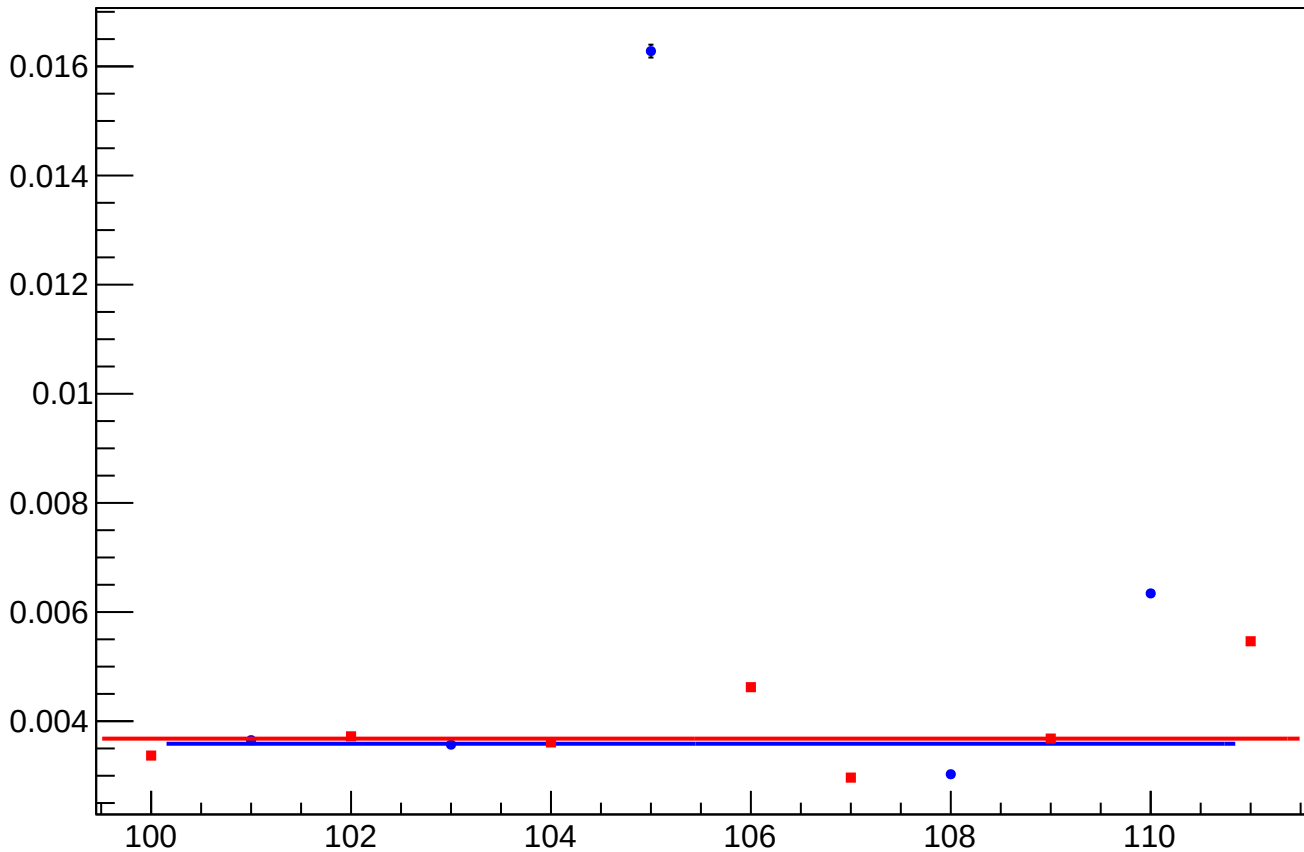
Right Out: -0.450+/-0.000 χ^2/NDF : 306695380.1/6

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

-0.463+/-0.000 χ^2/NDF : 6019557.1/4

-0.450+/-0.000 χ^2/NDF : 306695380.1/6

yield_bpm0l10Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 148167.4/4

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

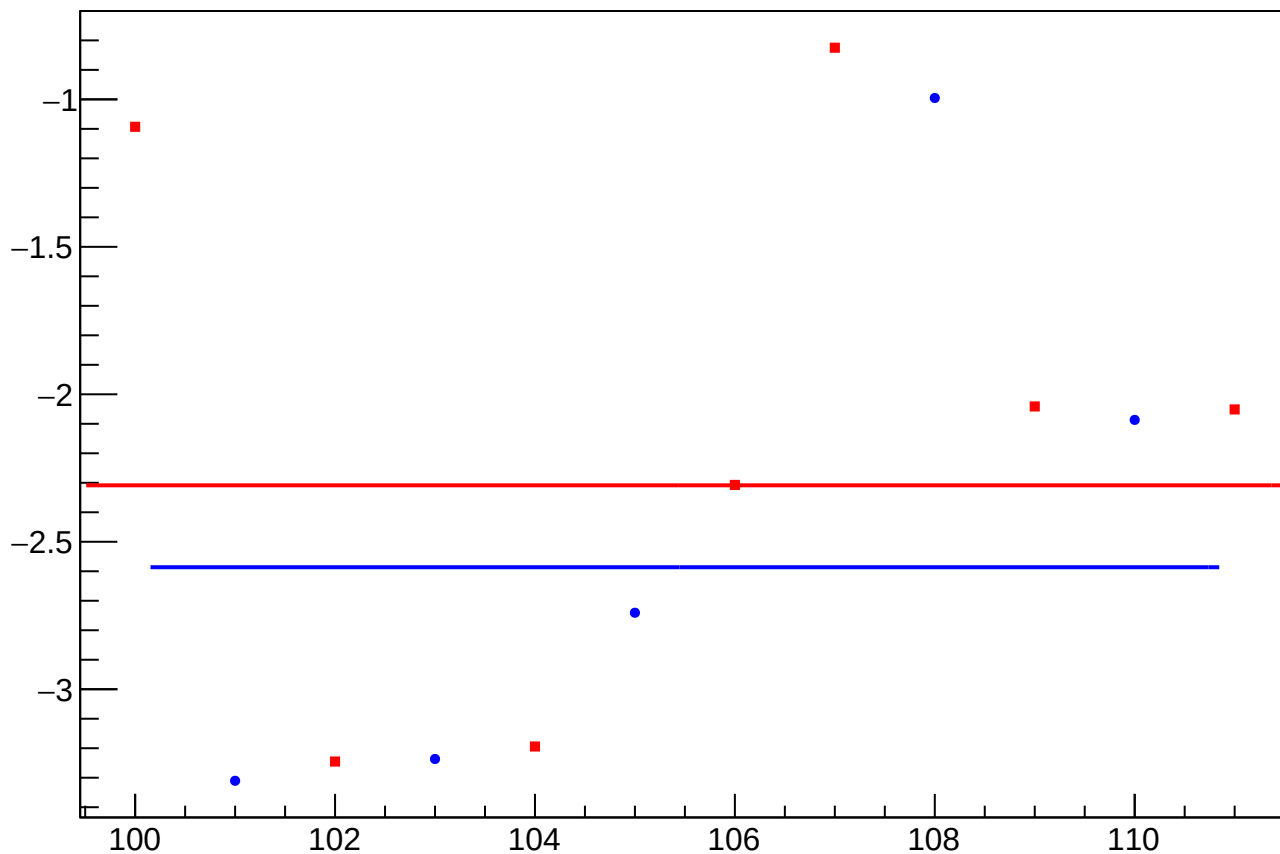
Right Out: 0.004+/-0.000 χ^2/NDF : 139248.5/6

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

0.004+/-0.000 χ^2/NDF : 148167.4/4

0.004+/-0.000 χ^2/NDF : 139248.5/6

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

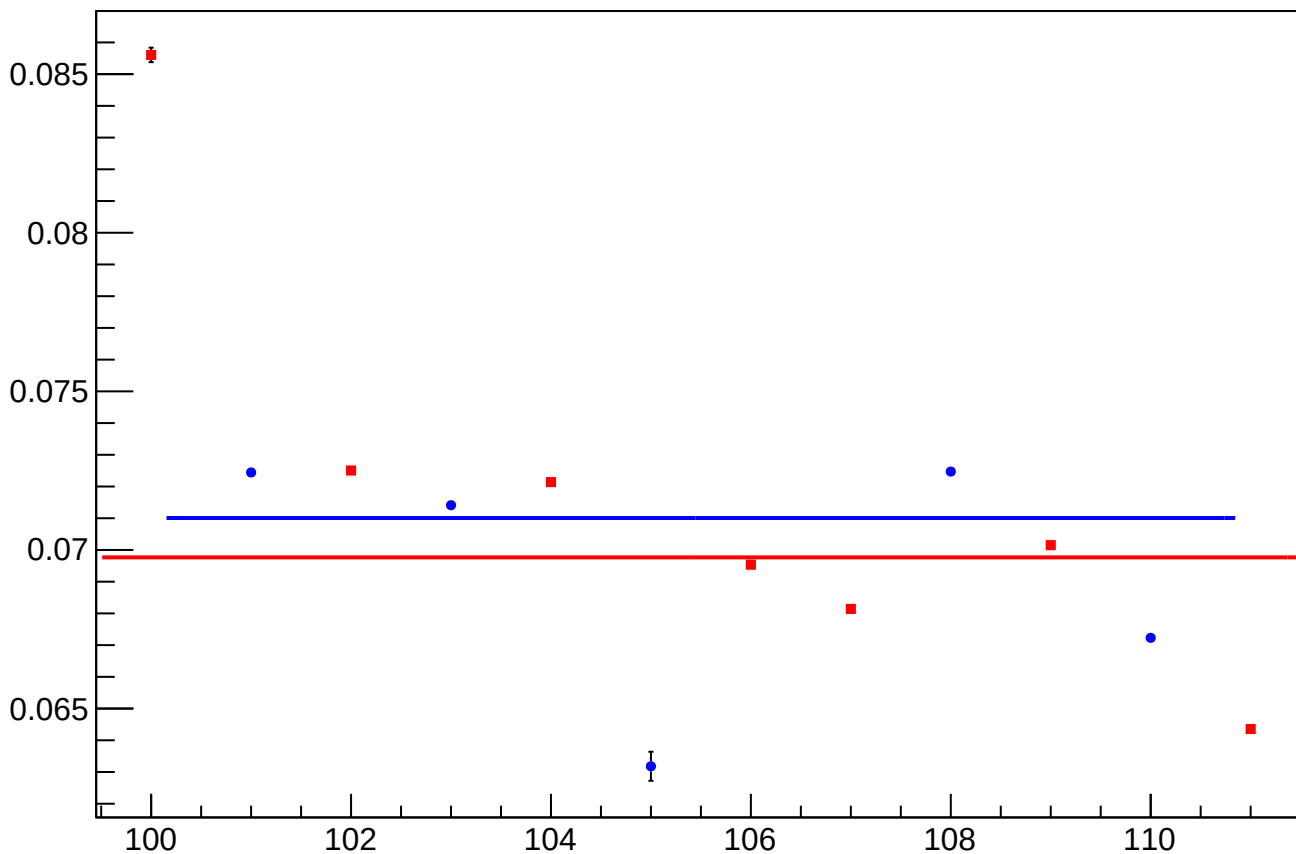
Right Out: -2.309+/-0.000 χ^2/NDF : 356891095.3/6

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

-2.586+/-0.000 χ^2/NDF : 305894384.0/4

-2.309+/-0.000 χ^2/NDF : 356891095.3/6

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

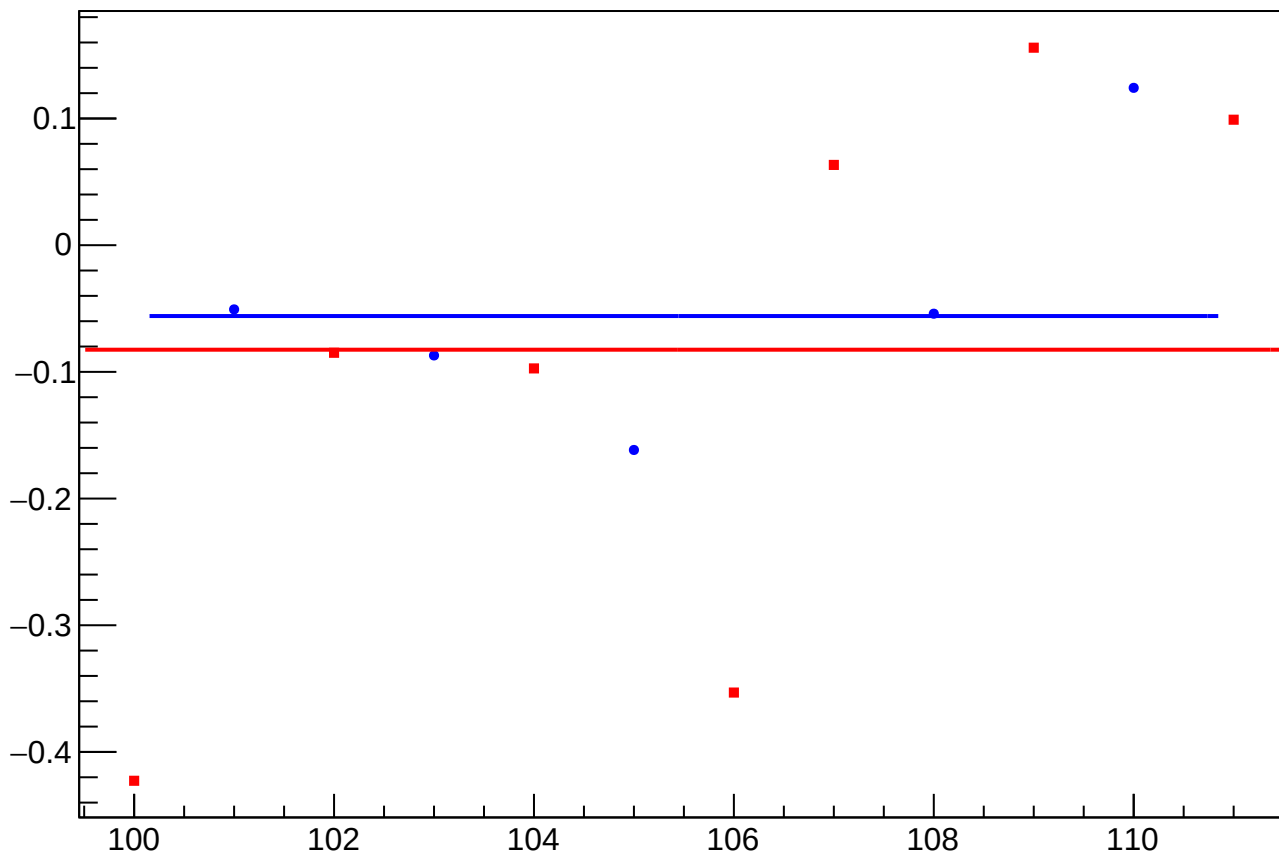
Right Out: 0.070+/-0.000 χ^2/NDF : 13857.7/6

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

0.071+/-0.000 χ^2/NDF : 3284.4/4

0.070+/-0.000 χ^2/NDF : 13857.7/6

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

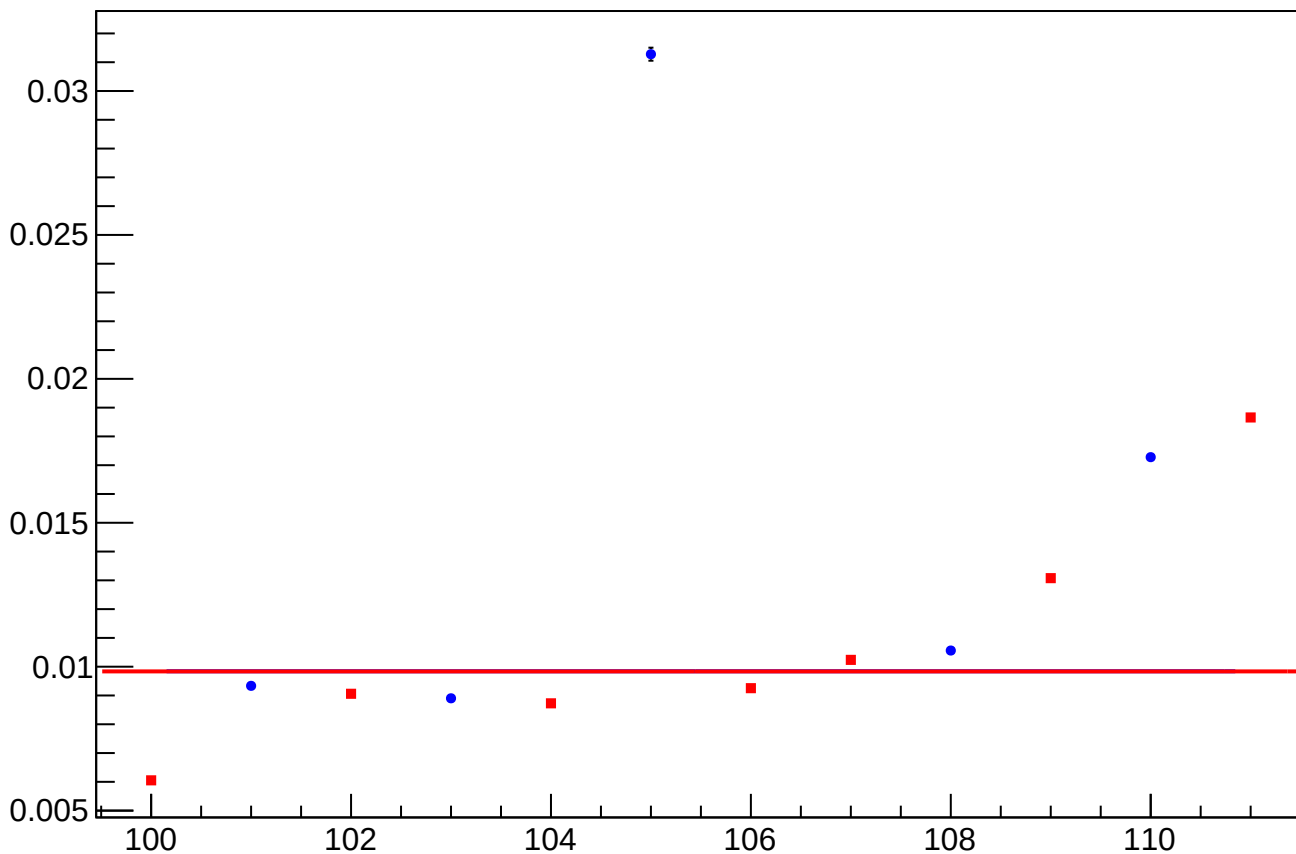
Right Out: -0.082+/-0.000 χ^2/NDF : 657377329.4/6

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

-0.056+/-0.000 χ^2/NDF : 38858073.5/4

-0.082+/-0.000 χ^2/NDF : 657377329.4/6

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

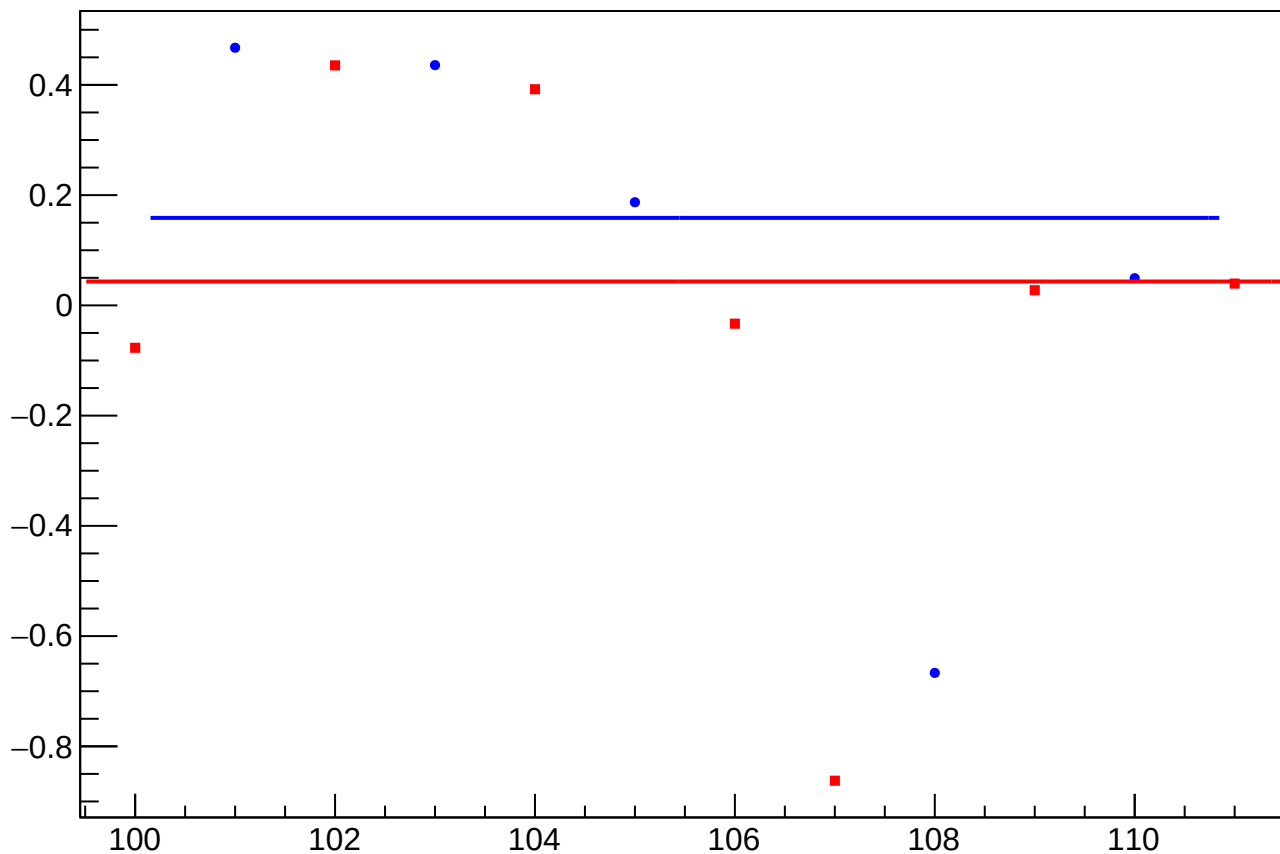
Right Out: 0.010+/-0.000 χ^2/NDF : 312245.4/6

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

0.010+/-0.000 χ^2/NDF : 136396.1/4

0.010+/-0.000 χ^2/NDF : 312245.4/6

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

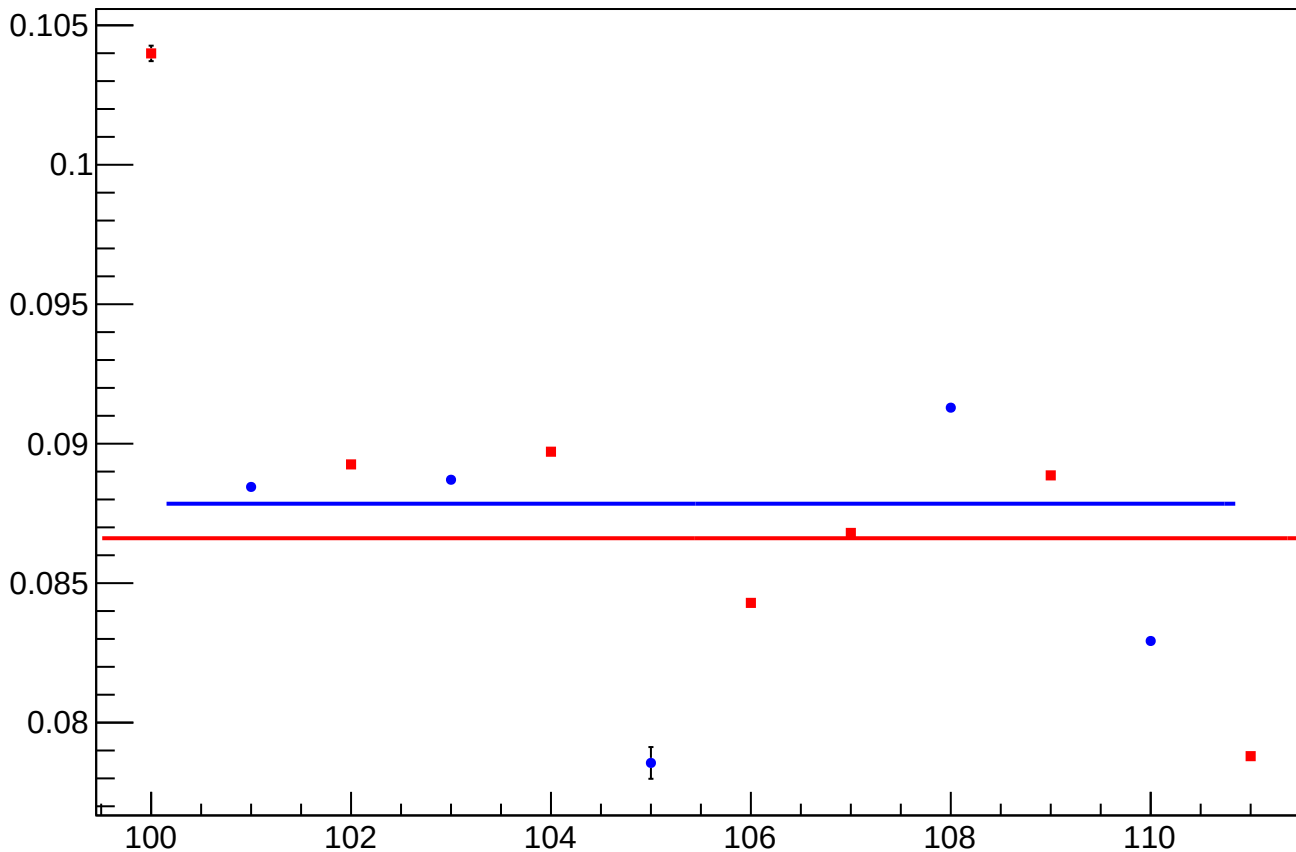
Right Out: 0.043+/-0.000 χ^2/NDF : 56684137.7/6

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

0.159+/-0.000 χ^2/NDF : 44163444.7/4

0.043+/-0.000 χ^2/NDF : 56684137.7/6

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

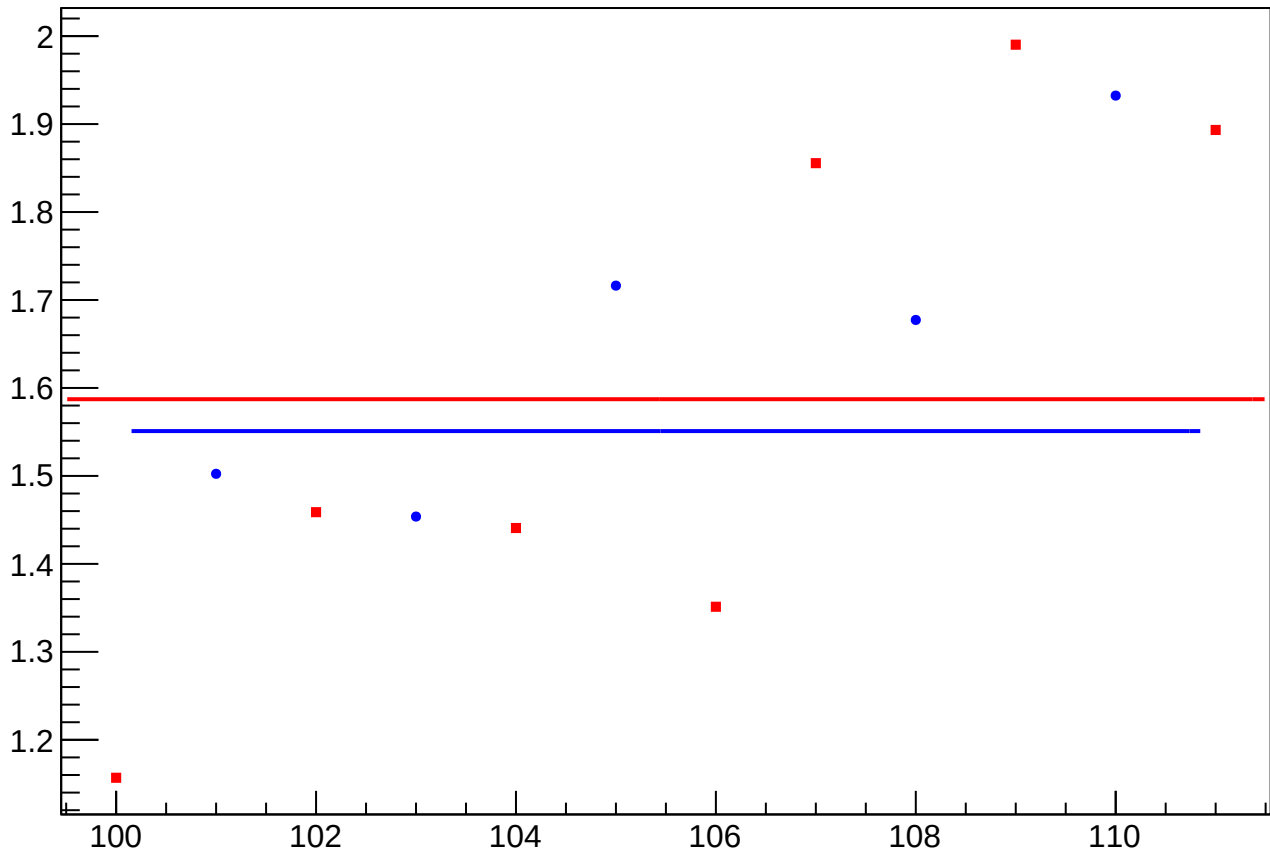
Right Out: 0.087+/-0.000 χ^2/NDF : 15618.4/6

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

0.088+/-0.000 χ^2/NDF : 3949.9/4

0.087+/-0.000 χ^2/NDF : 15618.4/6

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

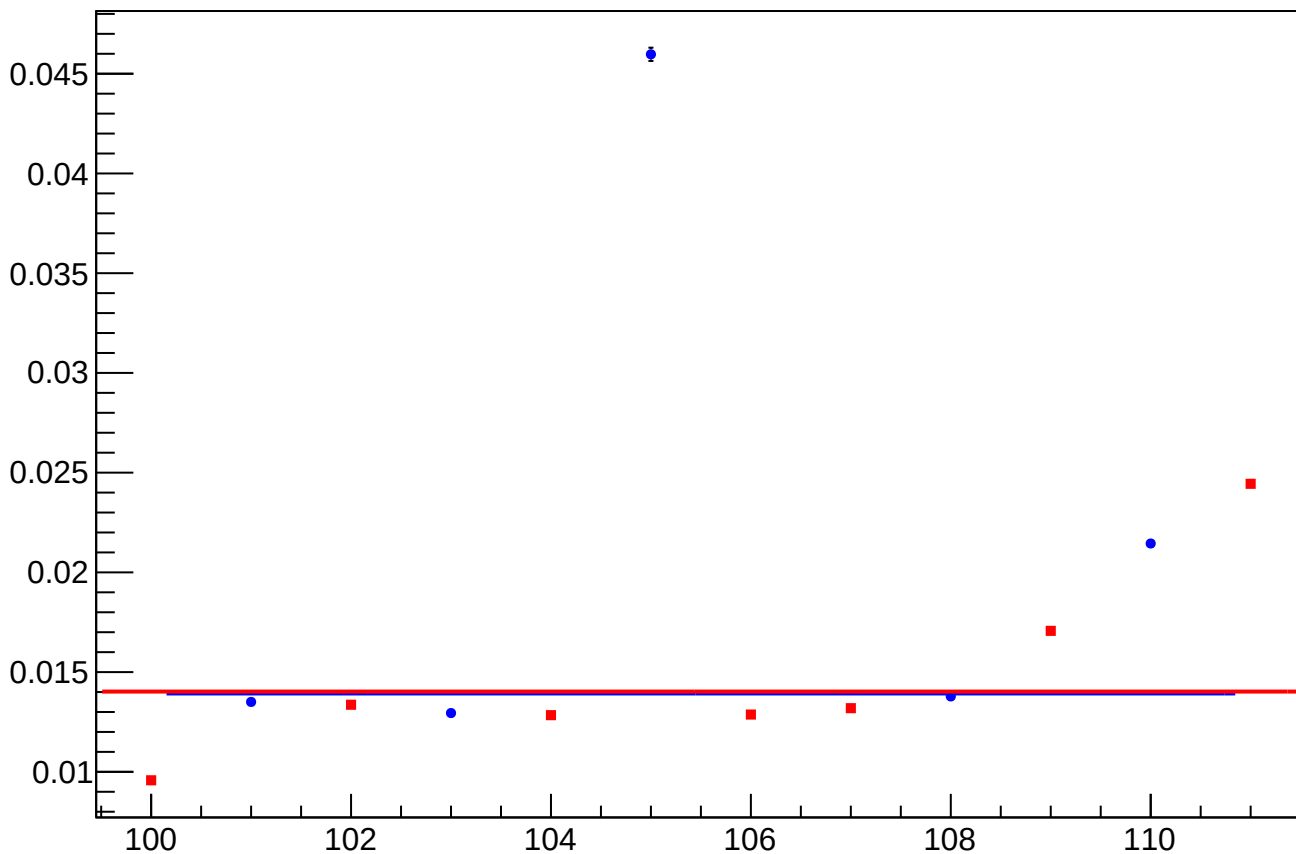
1.551+/-0.000 χ^2/NDF : 158739760.3/4

Right Out: 1.587+/-0.000 χ^2/NDF : 791238244.3/6

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

1.587+/-0.000 χ^2/NDF : 791238244.3/6

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

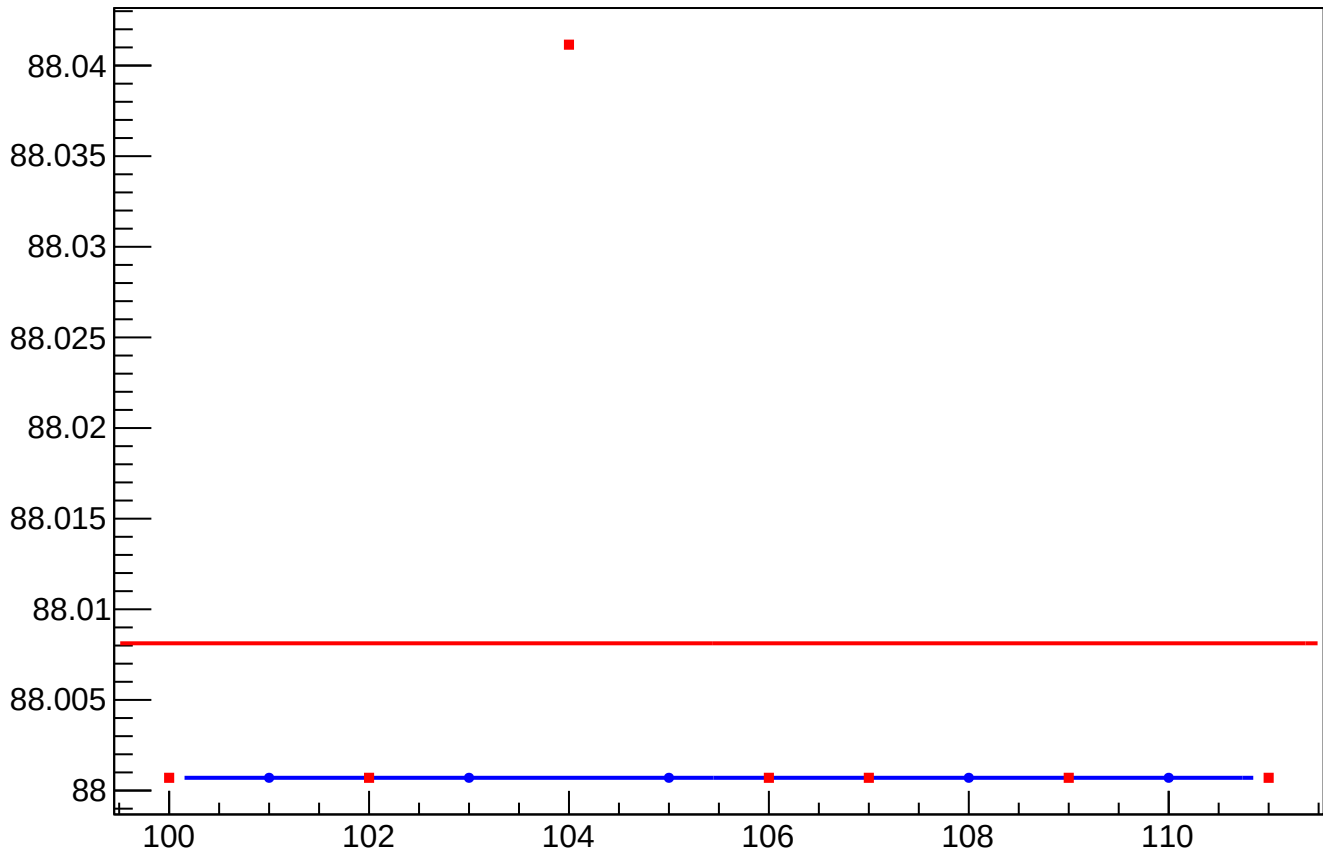
Right Out: 0.014+/-0.000 χ^2/NDF : 216028.6/6

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

0.014+/-0.000 χ^2/NDF : 87309.7/4

0.014+/-0.000 χ^2/NDF : 216028.6/6

epics_VWienAngles_mean vs slug



Right In: 88.001 $\pm$ 0.000 χ^2 /NDF: 617154.3/4

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

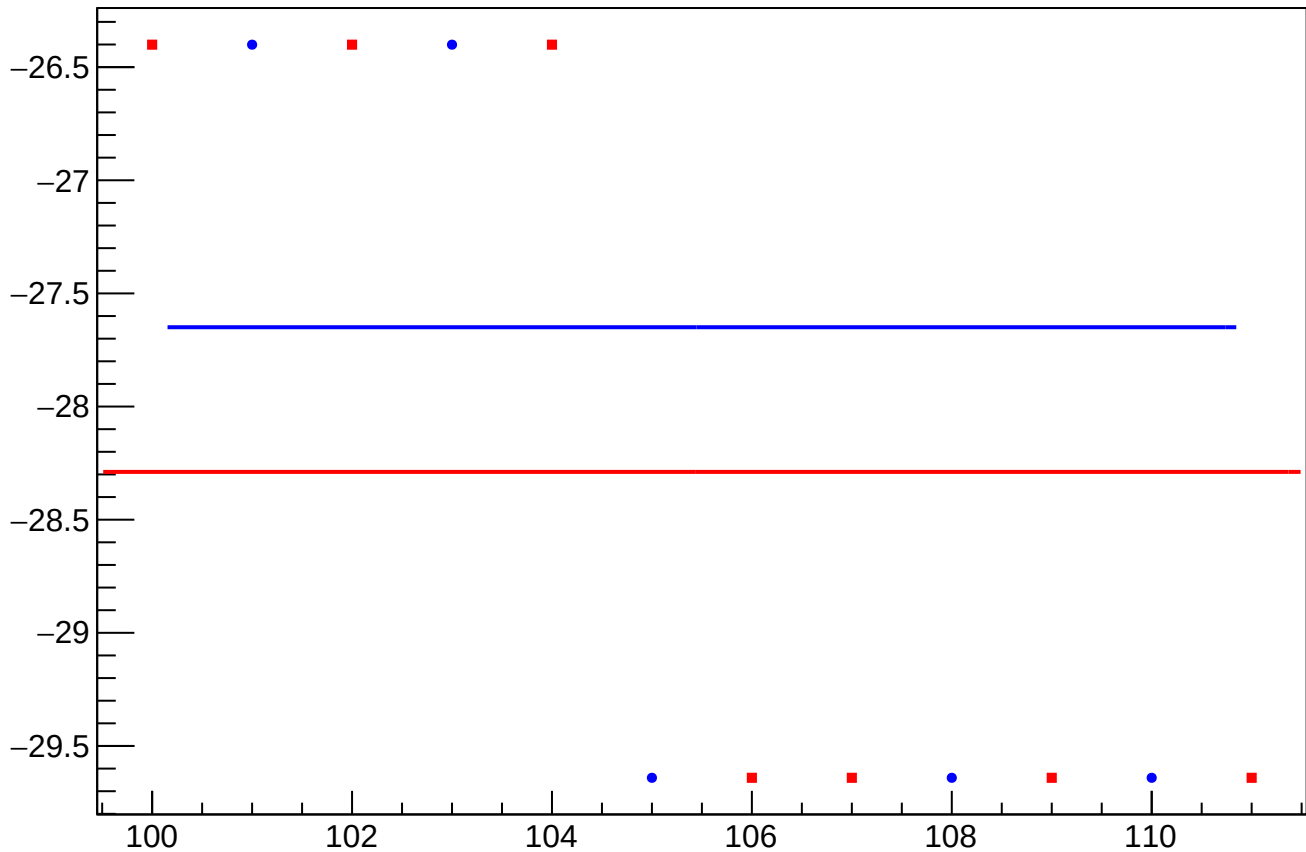
88.001 $\pm$ 0.000 χ^2 /NDF: 617154.3/4

Right Out: 88.008 $\pm$ 0.000 χ^2 /NDF: 68132533660670668176845963264.0/6

88.008 $\pm$ 0.000 χ^2 /NDF: 68132533660670668176845963264.0/6

Left In: 0.000 $\pm$ 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

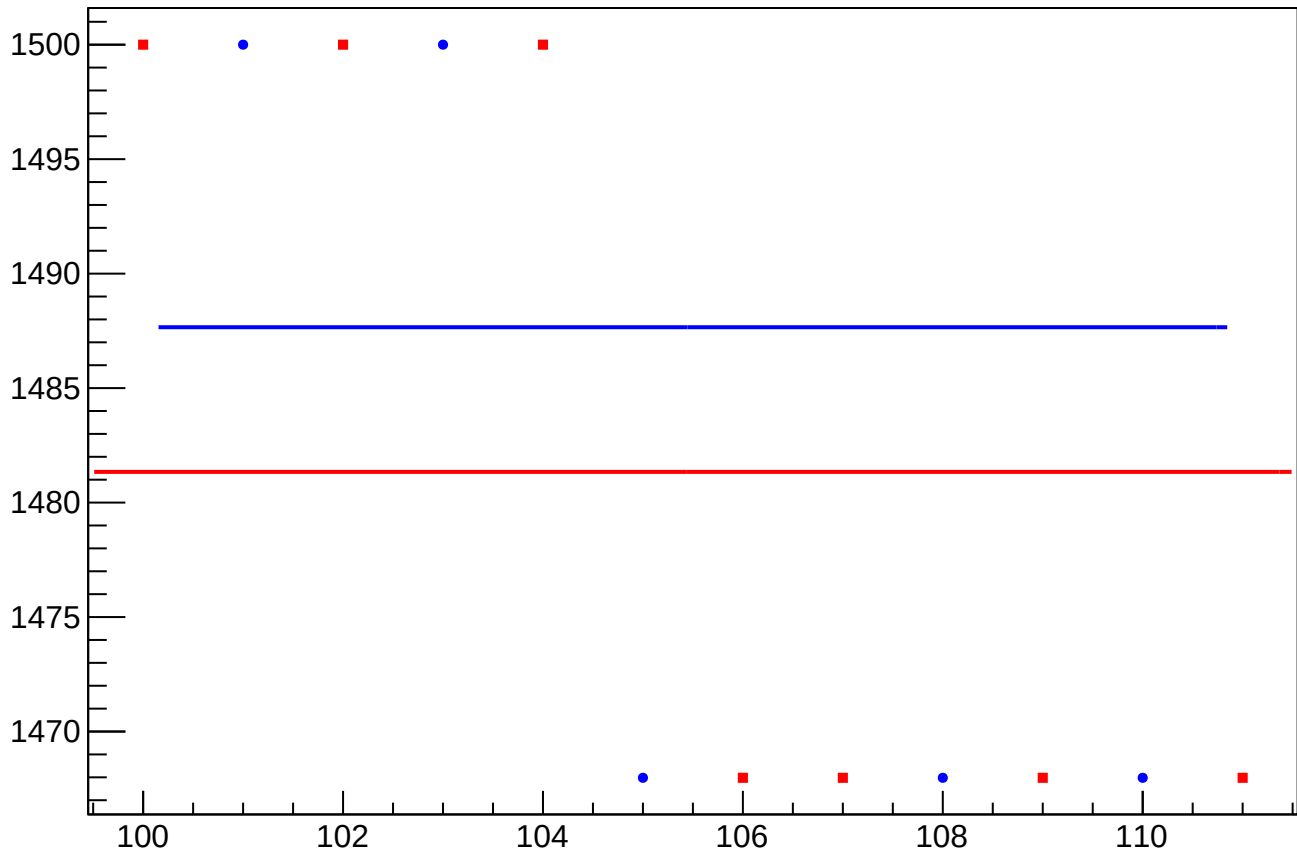
-27.649+/-0.000 χ^2/NDF : 477422100000012800709316650729472.0/4

Right Out: -28.289+/-0.000 χ^2/NDF : 709607551079141625069449401860096.0/6

-28.289+/-0.000 χ^2/NDF : 709607551079141625069449401860096.0/6

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

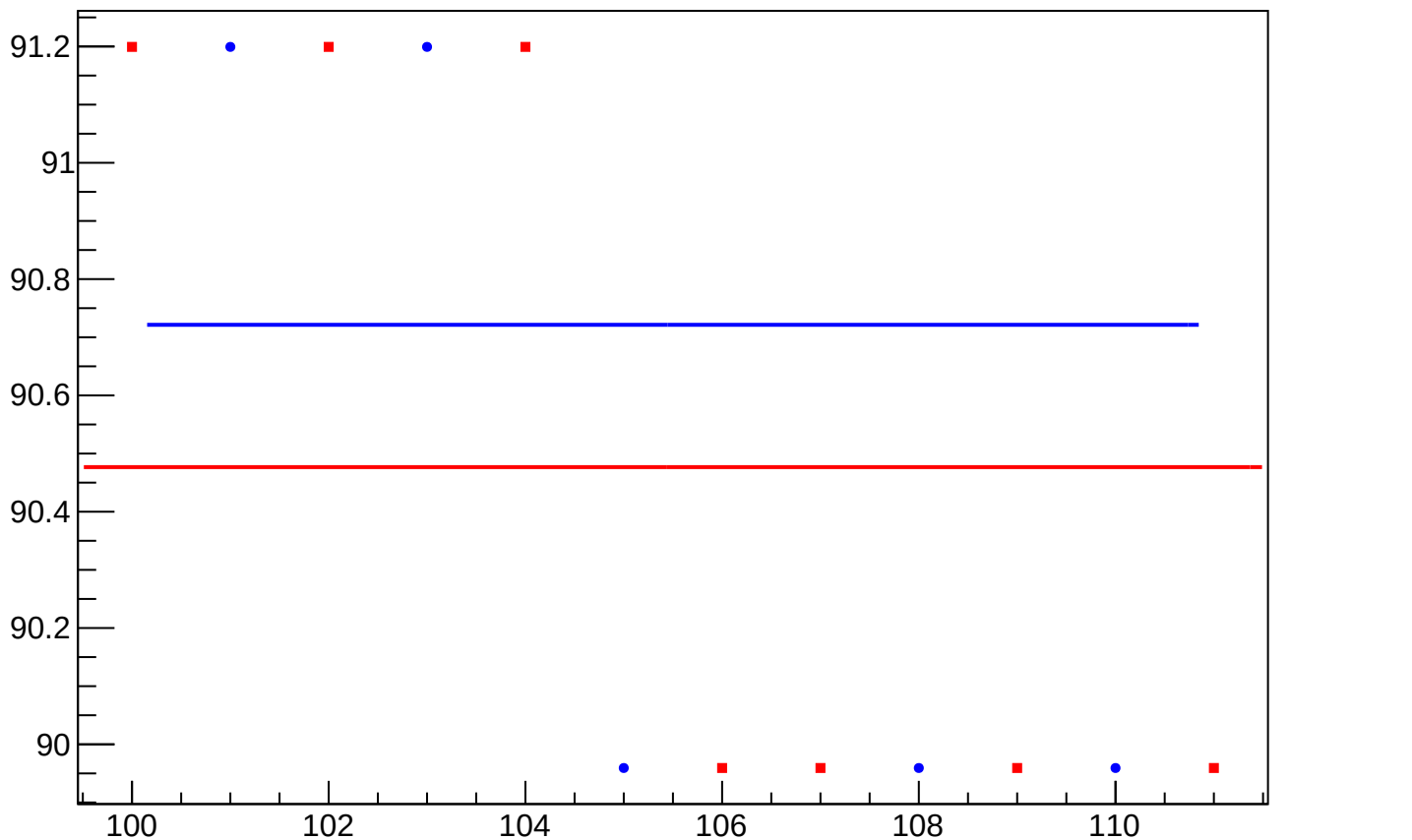
Right Out: 1481.341+/-0.000 χ^2/NDF : 69312092269820625181950283777835008.0/6

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

1487.659+/-0.000 χ^2/NDF : 4663299396479950

1481.341+/-0.000 χ^2/NDF : 6931209226982062

epics_Phi_FGs_mean vs slug



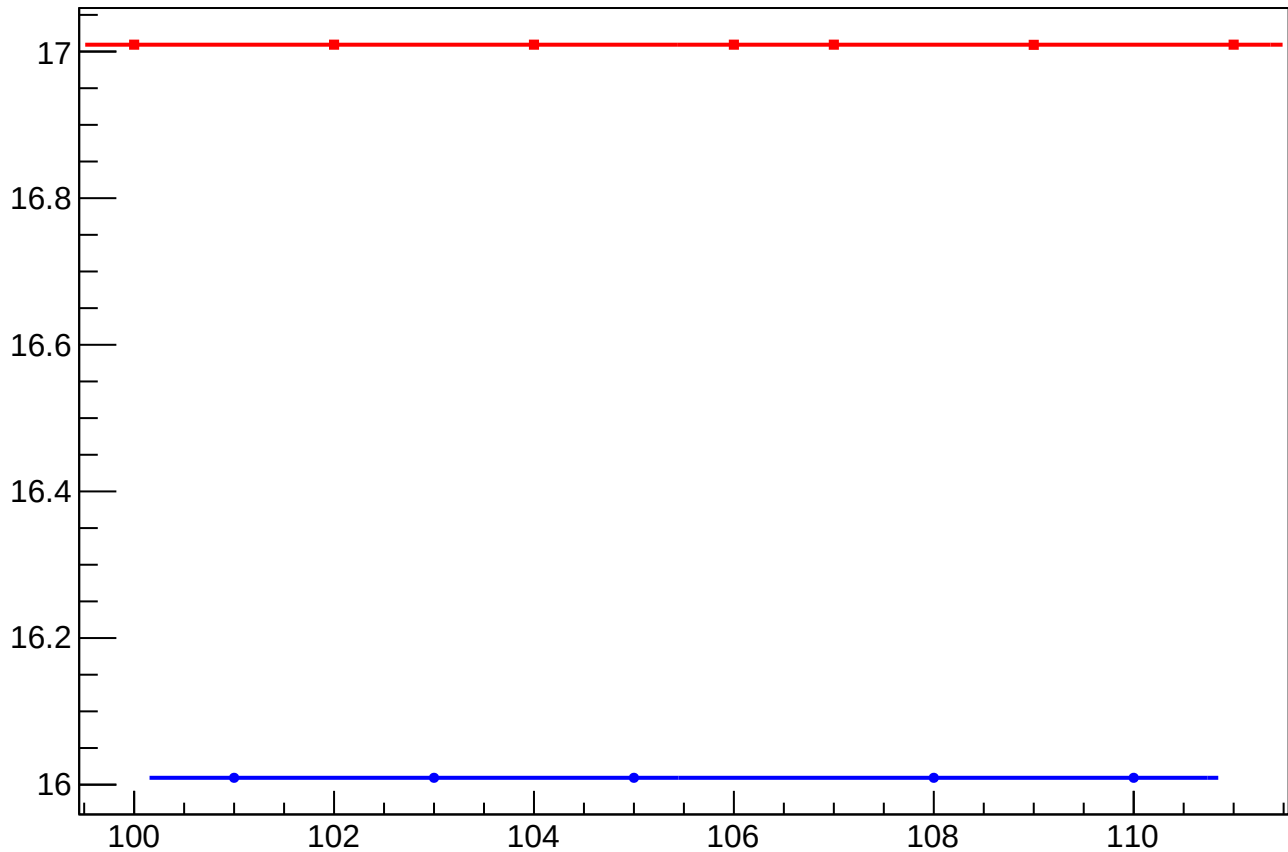
Right In: 90.721+/-0.000 χ^2/NDF : 69928766666671735457156331208704.0/4

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

Right Out: 90.477+/-0.000 χ^2/NDF : 103937335251819795689195832344576.0/6

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

epics_IGL1I00DI24_24Ms_mean vs slug



Right In: 16.009+/-0.000 χ^2/NDF : 8936.2/4

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

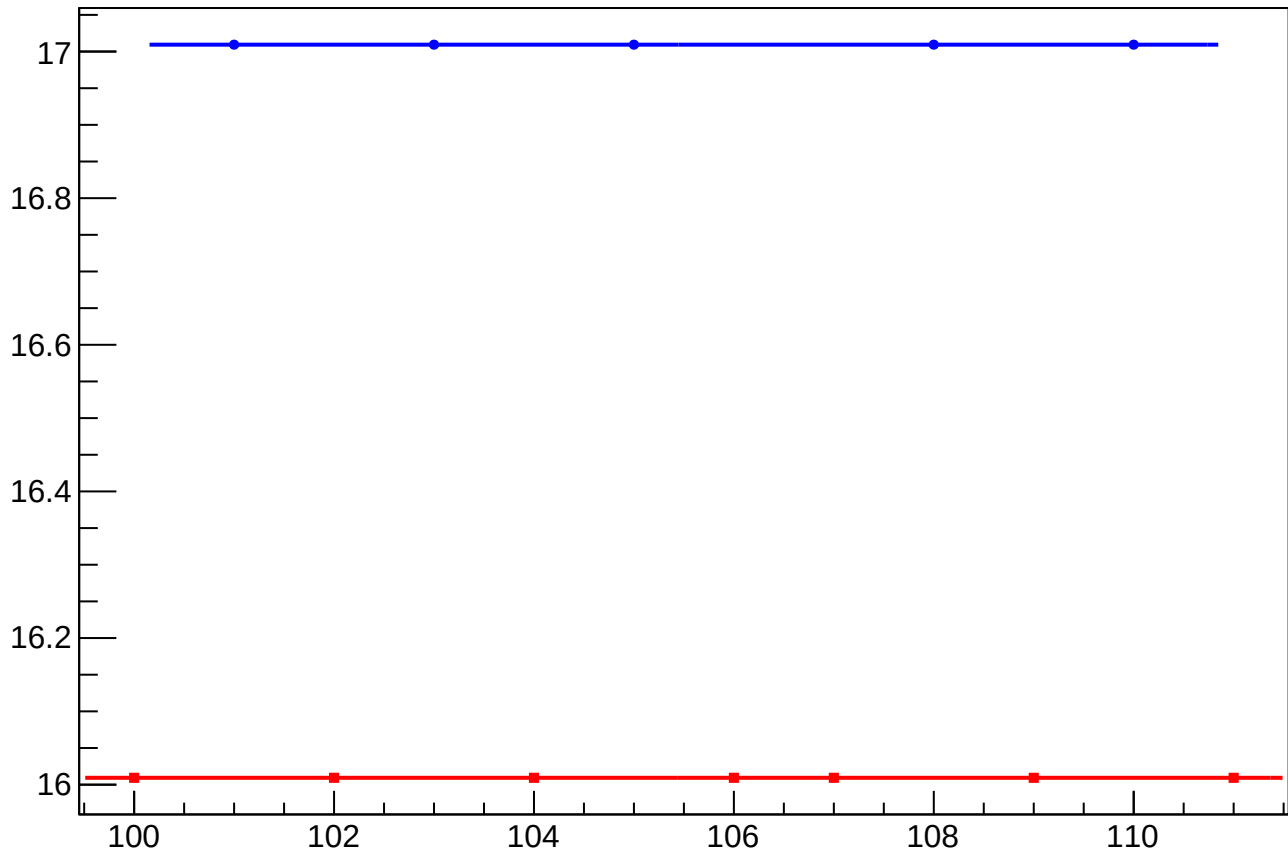
16.009+/-0.000 χ^2/NDF : 8936.2/4

Right Out: 17.009+/-0.000 χ^2/NDF : 2017550998413645191315456.0/6

17.009+/-0.000 χ^2/NDF : 2017550998413645191315456.0/6

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

epics_IGL1I00OD16_16s_mean vs slug



Right In: 17.009 ± 0.000 $\chi^2/\text{NDF}: 13972.3/4$

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

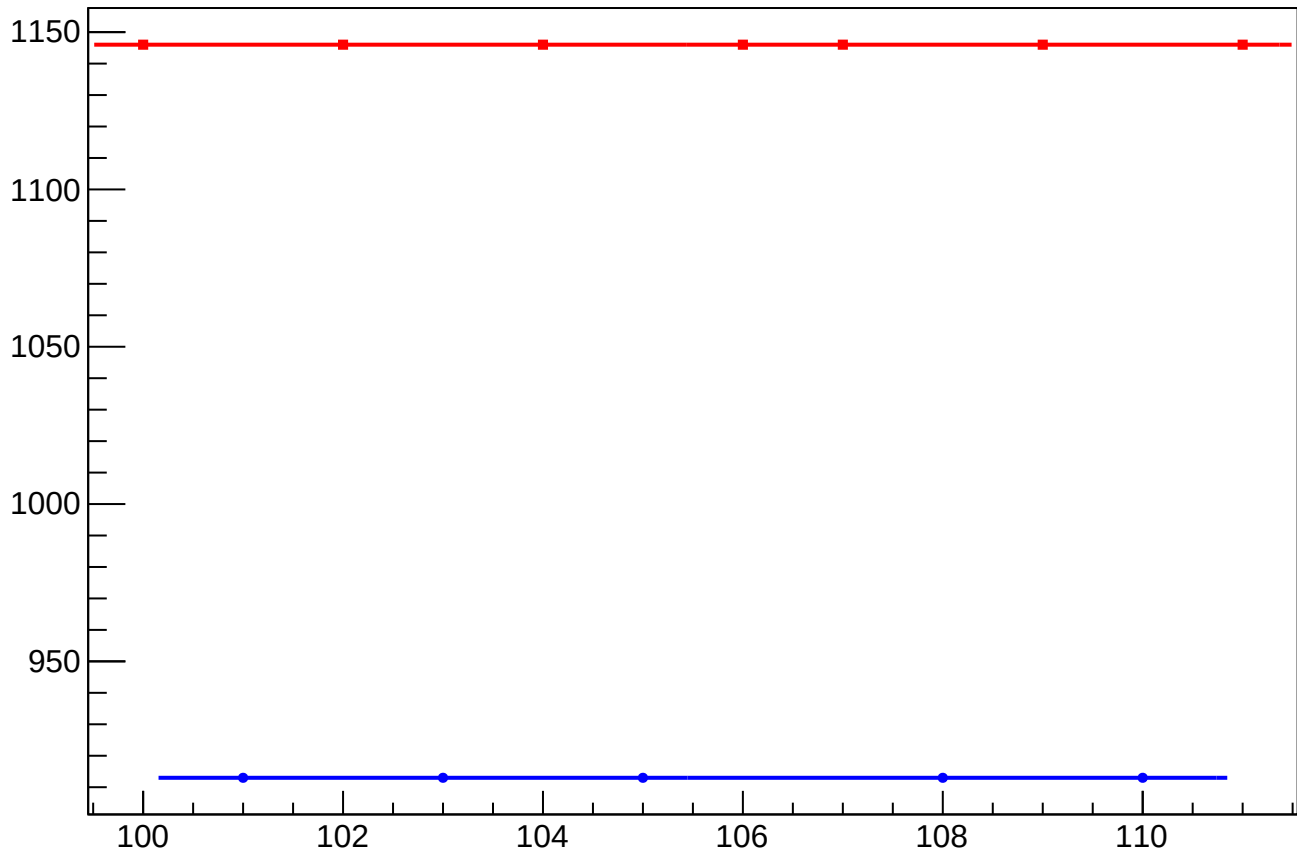
Right Out: 16.009 ± 0.000 $\chi^2/\text{NDF}: 14060.7/6$

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

17.009 ± 0.000 $\chi^2/\text{NDF}: 13972.3/4$

16.009 ± 0.000 $\chi^2/\text{NDF}: 14060.7/6$

epics_RTPAPOSUCNTs_mean vs slug



Right In: 912.993 $\pm$ 0.000 χ^2 /NDF: 1502878713548008460730236928.0/4

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

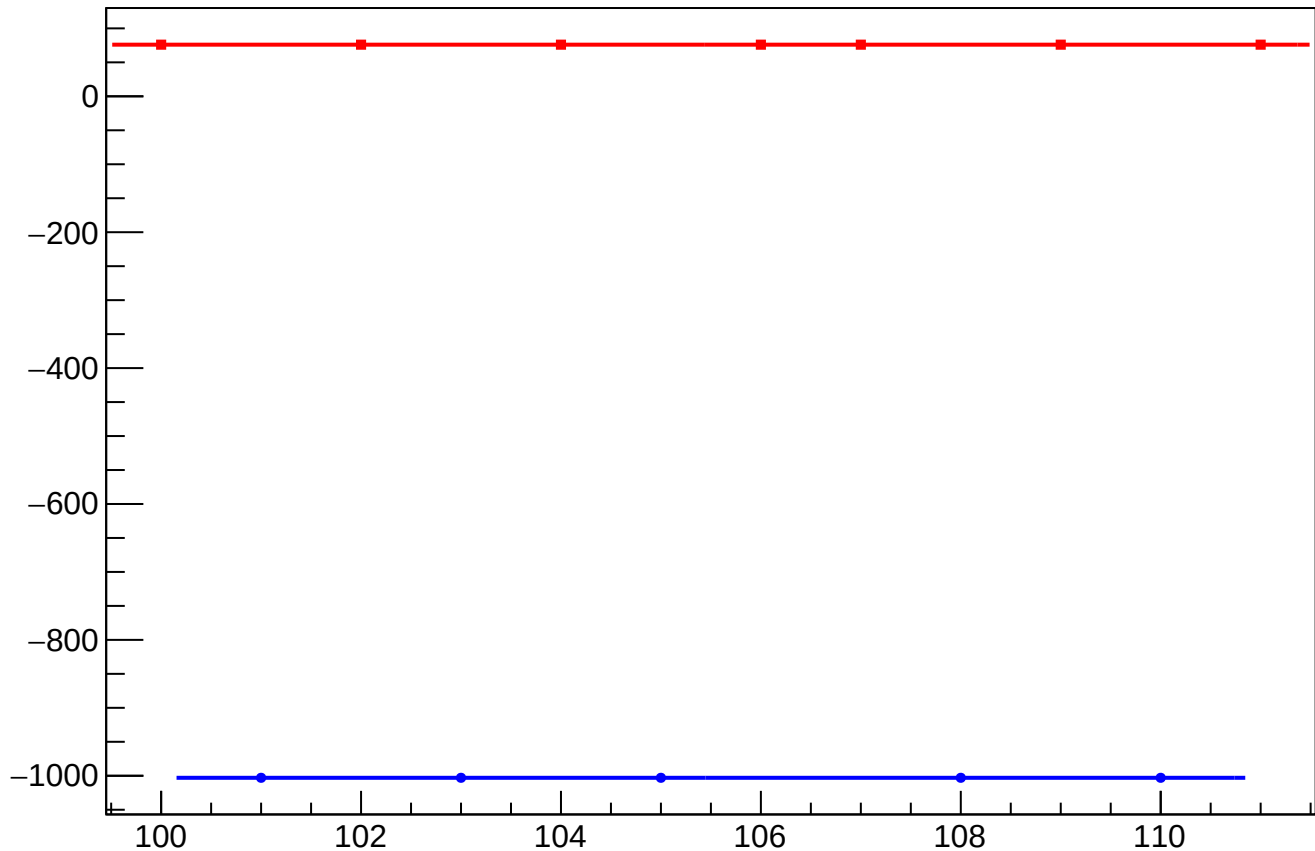
Right Out: 1146.010 $\pm$ 0.000 χ^2 /NDF: 690900846666850977080934400.0/6

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

912.993 $\pm$ 0.000 χ^2 /NDF: 1502878713548008460730236928.0/4

1146.010 $\pm$ 0.000 χ^2 /NDF: 690900846666850977080934400.0/6

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

-1002.989+/-0.000 χ^2/NDF : 120874881407545

Right Out: 76.009+/-0.000 χ^2/NDF : 2125726546075175163527168.0/6

76.009+/-0.000 χ^2/NDF : 212572654607517516

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