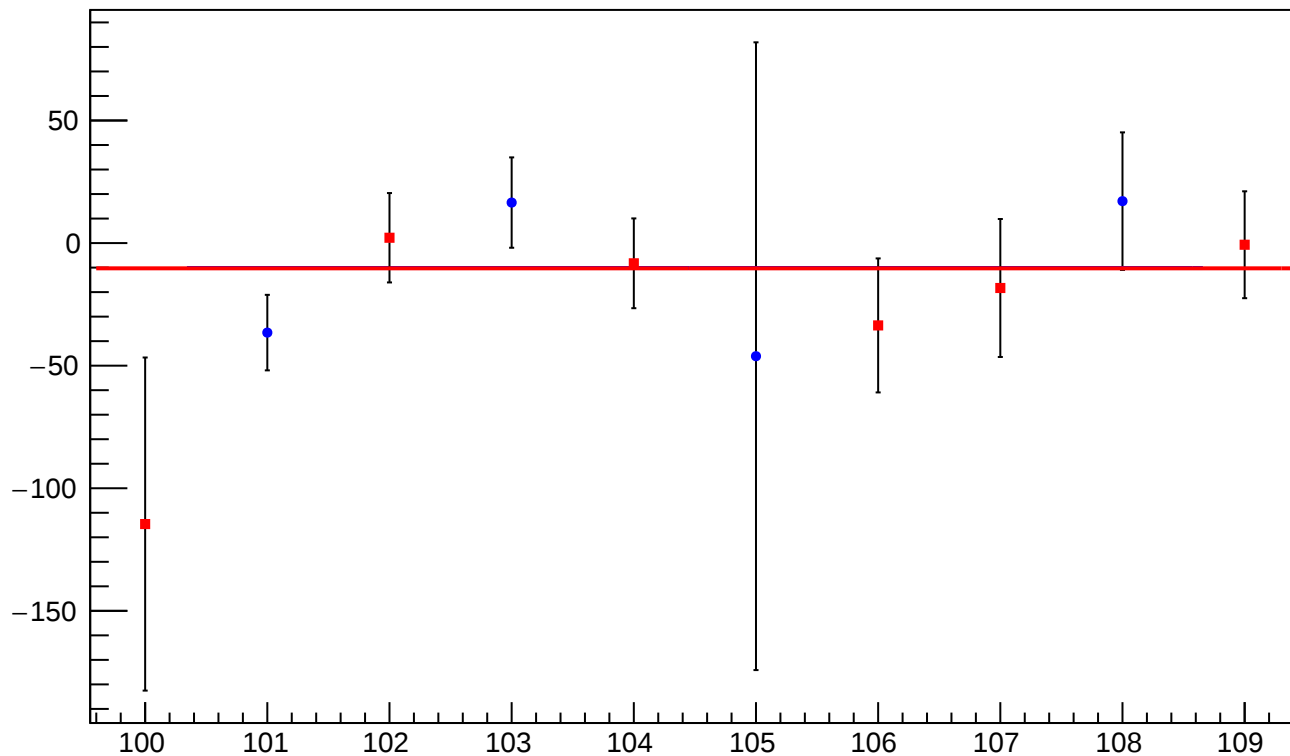


diff_bpm4aX_mean vs slug



Right In: -10.166+/-10.851

χ^2/NDF : 6.0/3

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: -10.299+/-9.572

χ^2/NDF : 3.8/5

-10.166+/-10.851

χ^2/NDF : 6.0/3

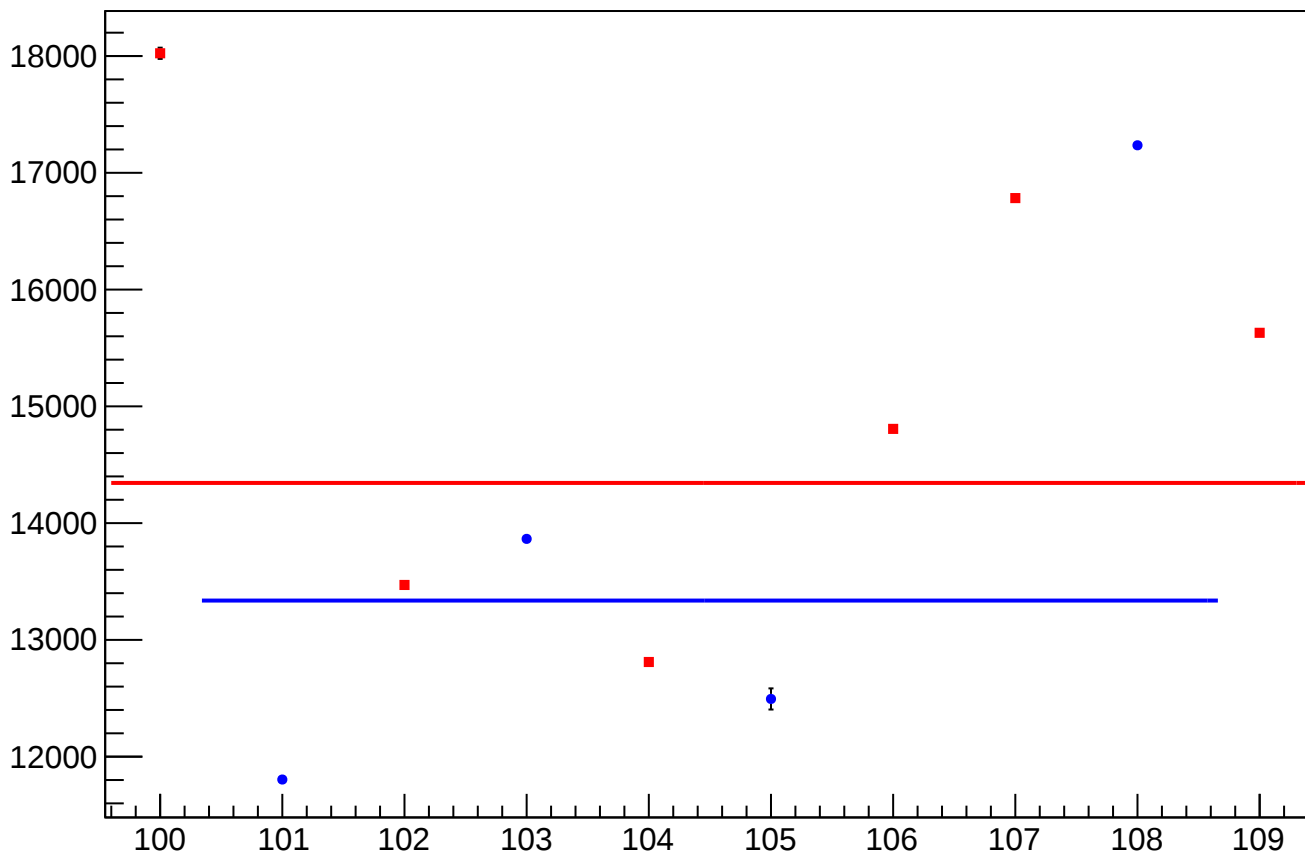
-10.299+/-9.572

χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

diff_bpm4aX_rms vs slug



Right In: 13336.819+/-7.673 χ^2/NDF : 60184.1/3

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

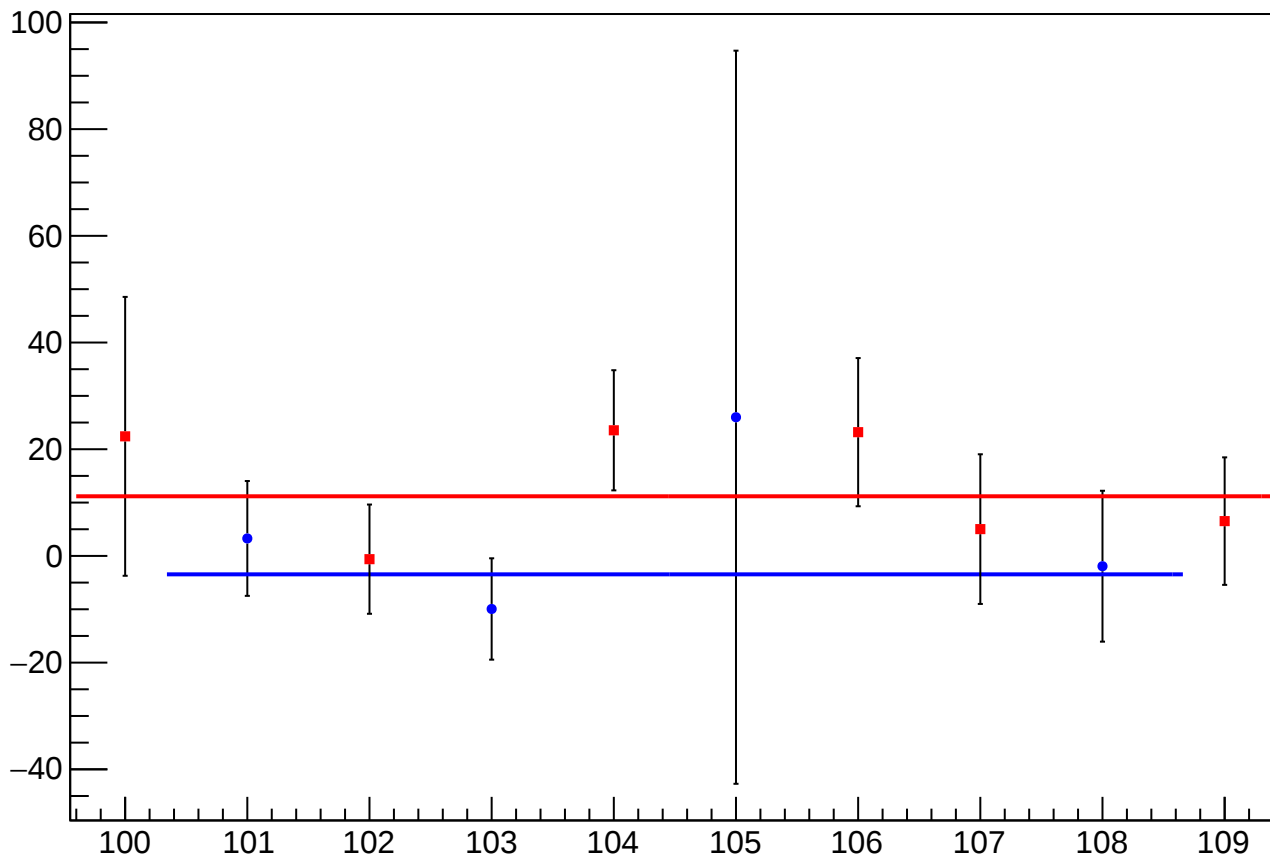
Right Out: 14344.204+/-6.768 χ^2/NDF : 47049.3/5

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

13336.819+/-7.673 χ^2/NDF : 60184.1/3

14344.204+/-6.768 χ^2/NDF : 47049.3/5

diff_bpm4aY_mean vs slug



Right In: -3.452+/-6.334 χ^2/NDF : 1.1/3

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

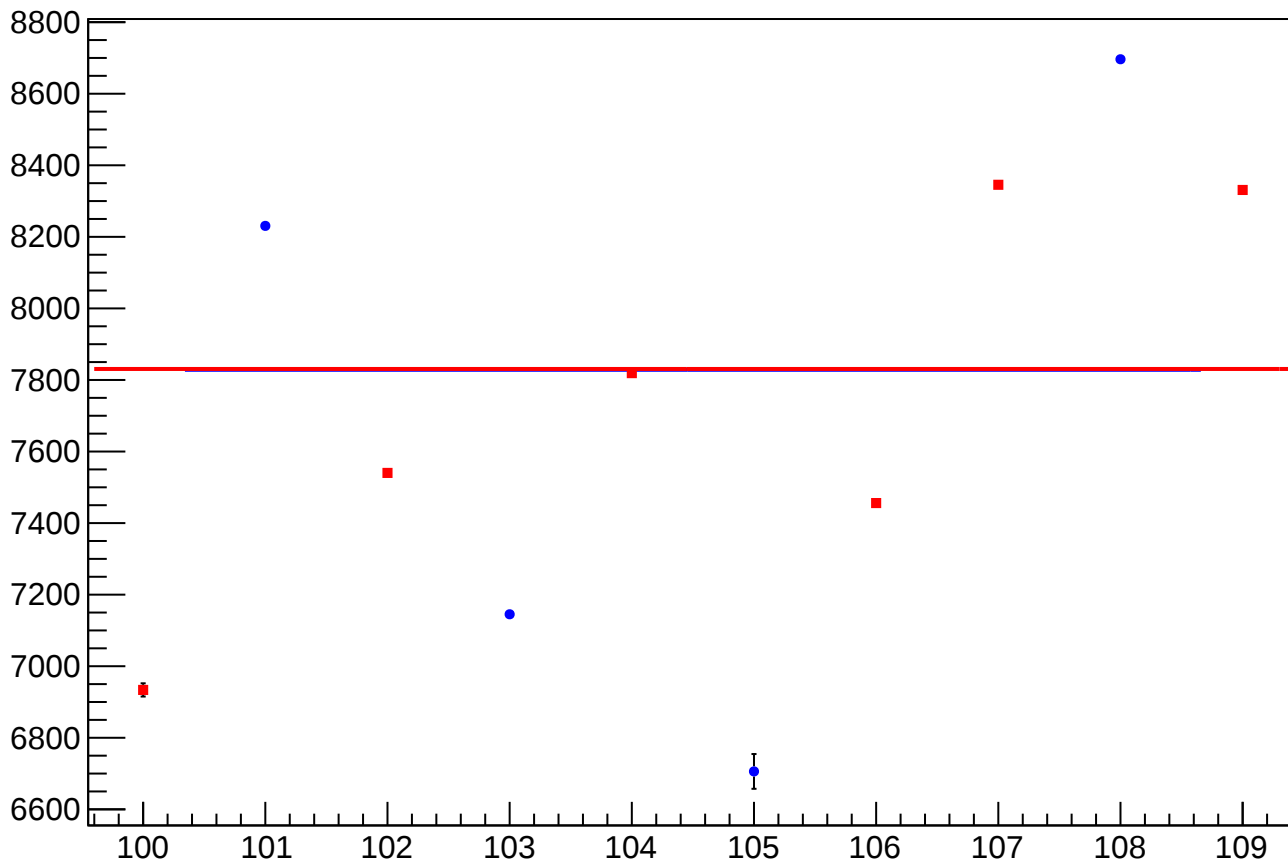
Right Out: 11.179+/-5.259 χ^2/NDF : 3.8/5

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

-3.452+/-6.334 χ^2/NDF : 1.1/3

11.179+/-5.259 χ^2/NDF : 3.8/5

diff_bpm4aY_rms vs slug



Right In: 7828.514 $\pm$ 4.479 χ^2 /NDF: 21204.1/3

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

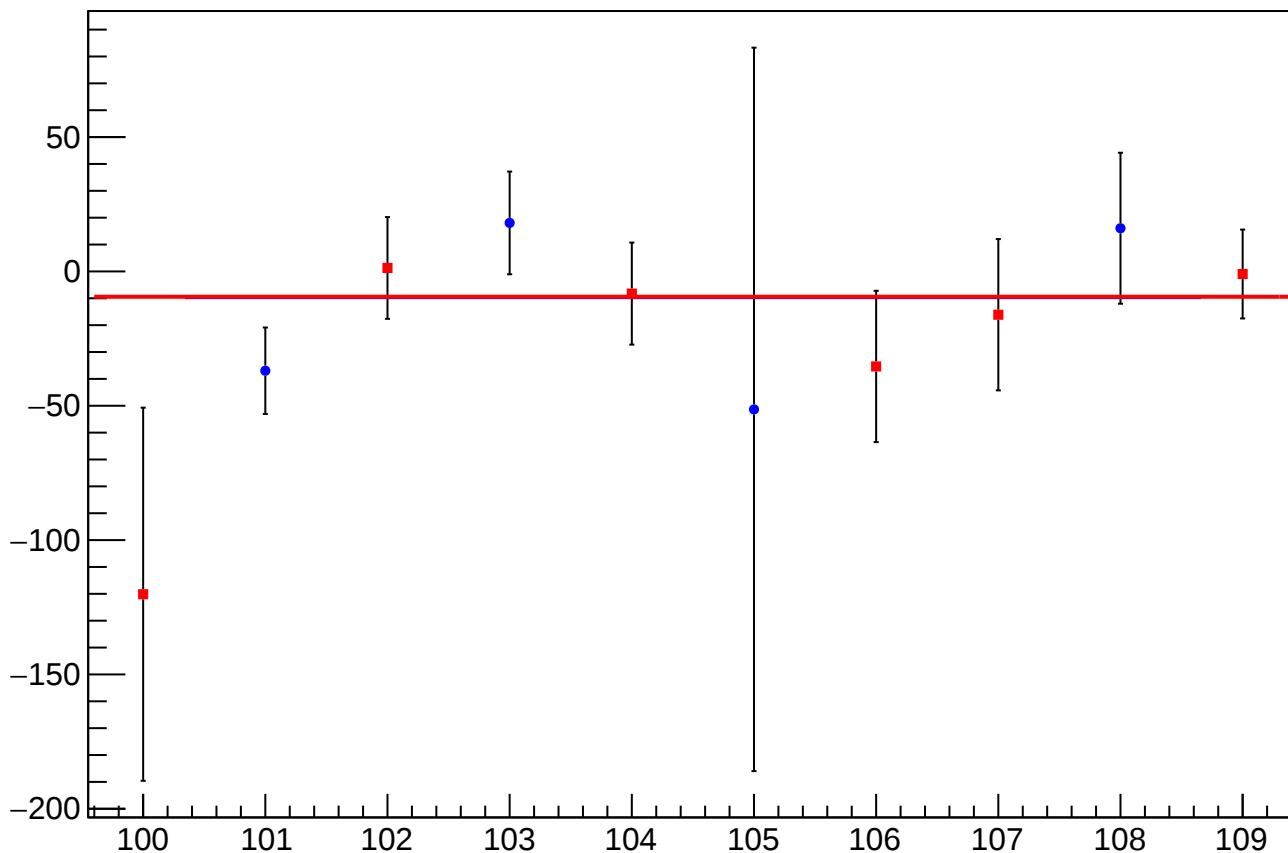
Right Out: 7830.758 $\pm$ 3.719 χ^2 /NDF: 11621.7/5

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

7828.514 $\pm$ 4.479 χ^2 /NDF: 21204.1/3

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

diff_bpm4eX_mean vs slug



Right In: -9.571+/-11.233 χ^2/NDF : 5.9/3

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

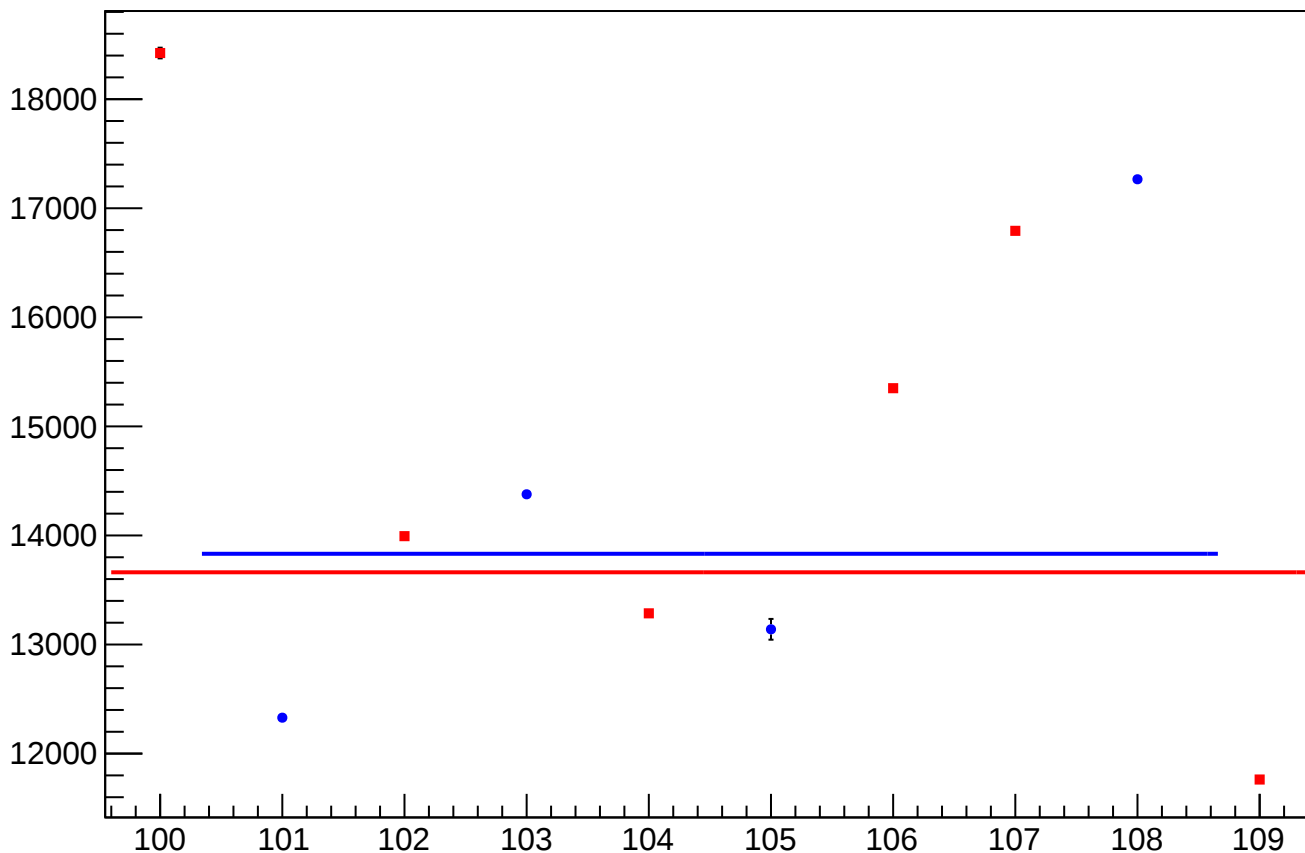
Right Out: -9.432+/-9.148 χ^2/NDF : 4.0/5

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

-9.571+/-11.233 χ^2/NDF : 5.9/3

-9.432+/-9.148 χ^2/NDF : 4.0/5

diff_bpm4eX_rms vs slug



Right In: 13831.955+/-7.943 χ^2/NDF : 49009.9/3

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

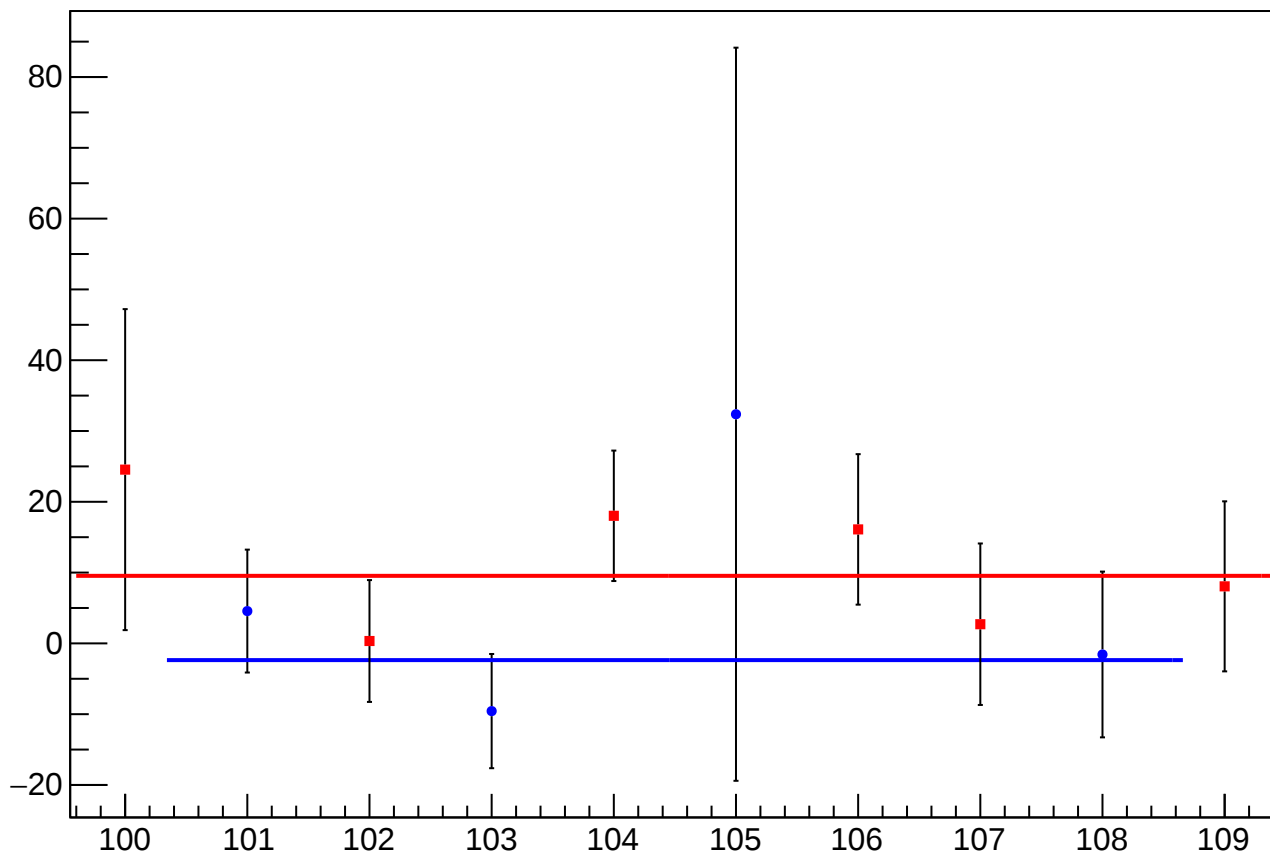
Right Out: 13662.218+/-6.469 χ^2/NDF : 69116.2/5

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

13831.955+/-7.943 χ^2/NDF : 49009.9/3

13662.218+/-6.469 χ^2/NDF : 69116.2/5

diff_bpm4eY_mean vs slug



Right In: -2.363+/-5.248 χ^2/NDF : 1.9/3

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

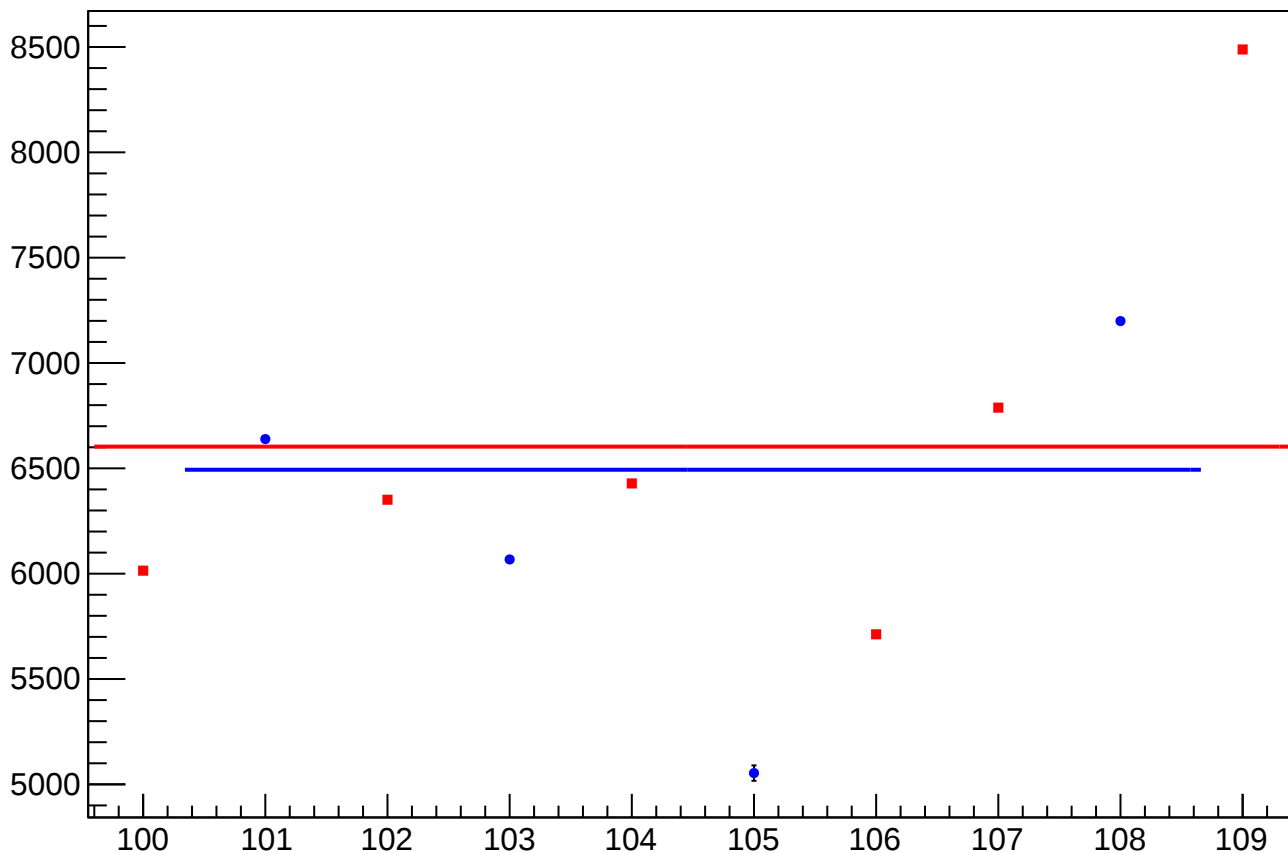
Right Out: 9.541+/-4.441 χ^2/NDF : 3.2/5

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

-2.363+/-5.248 χ^2/NDF : 1.9/3

9.541+/-4.441 χ^2/NDF : 3.2/5

diff_bpm4eY_rms vs slug



Right In: 6493.367 $\pm$ 3.711 χ^2 /NDF: 14946.8/3

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

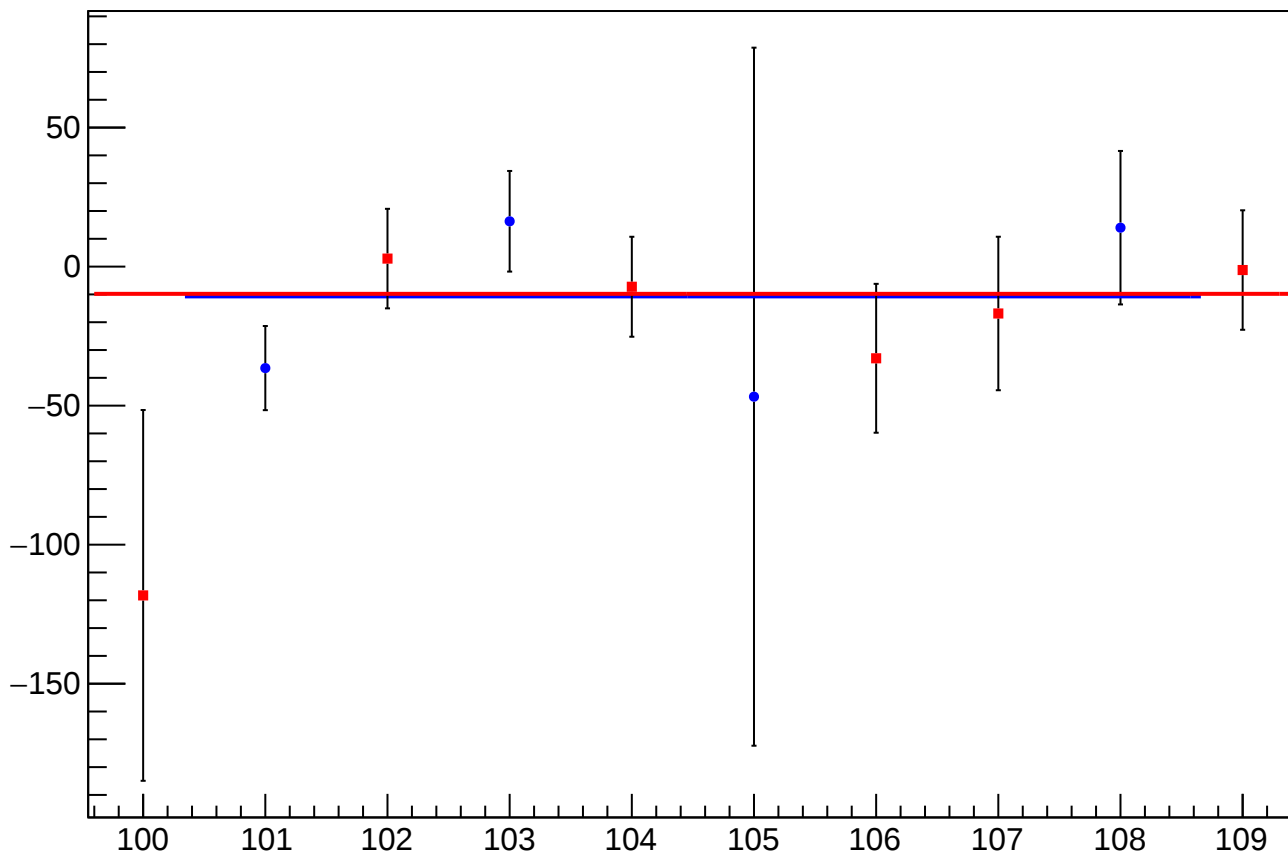
Right Out: 6603.106 $\pm$ 3.140 χ^2 /NDF: 67642.4/5

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

6493.367 $\pm$ 3.711 χ^2 /NDF: 14946.8/3

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

diff_bpm4acX_mean vs slug



Right In: -10.709+/-10.661 χ^2/NDF : 6.0/3

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

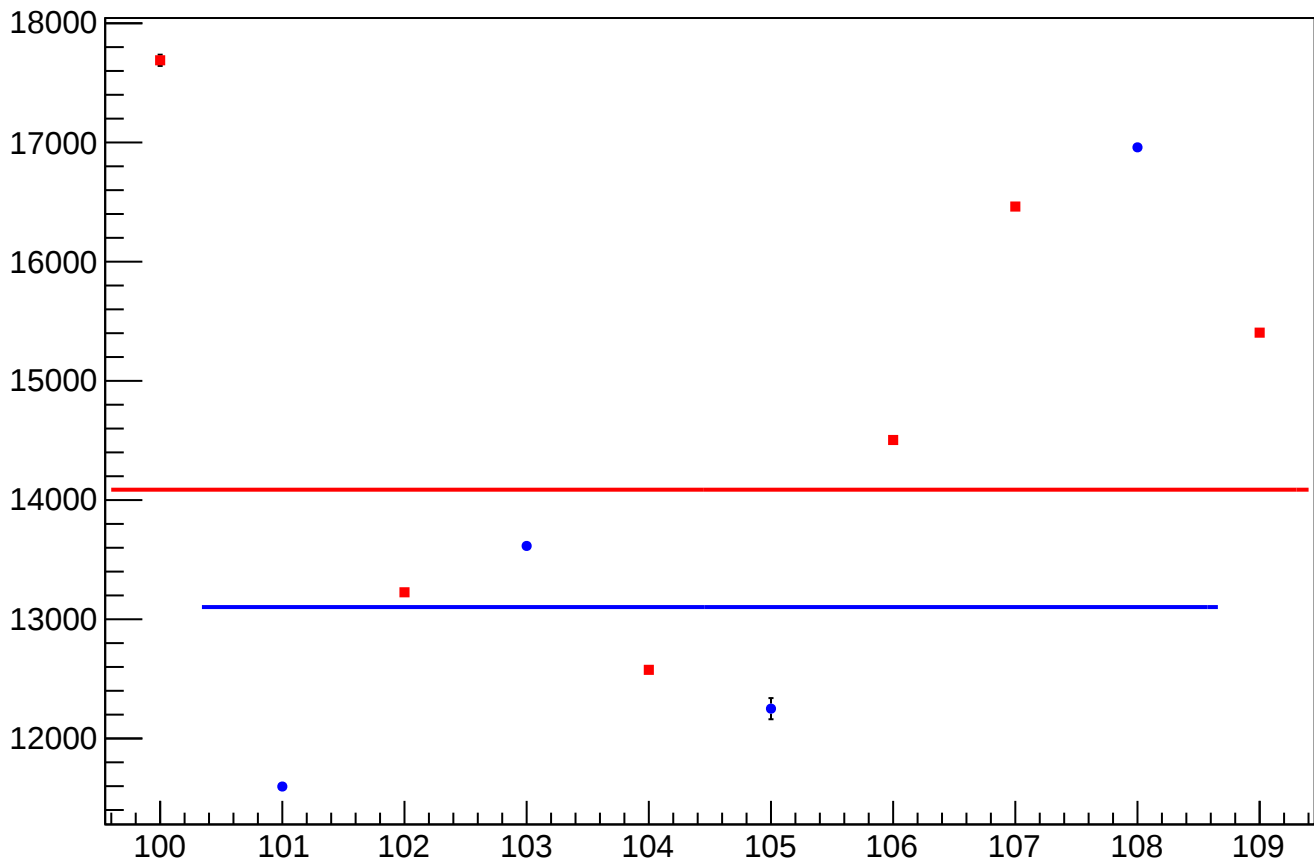
Right Out: -9.795+/-9.401 χ^2/NDF : 4.1/5

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

-10.709+/-10.661 χ^2/NDF : 6.0/3

-9.795+/-9.401 χ^2/NDF : 4.1/5

diff_bpm4acX_rms vs slug



Right In: 13102.438 $\pm$ 7.539 χ^2 /NDF: 60554.8/3

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

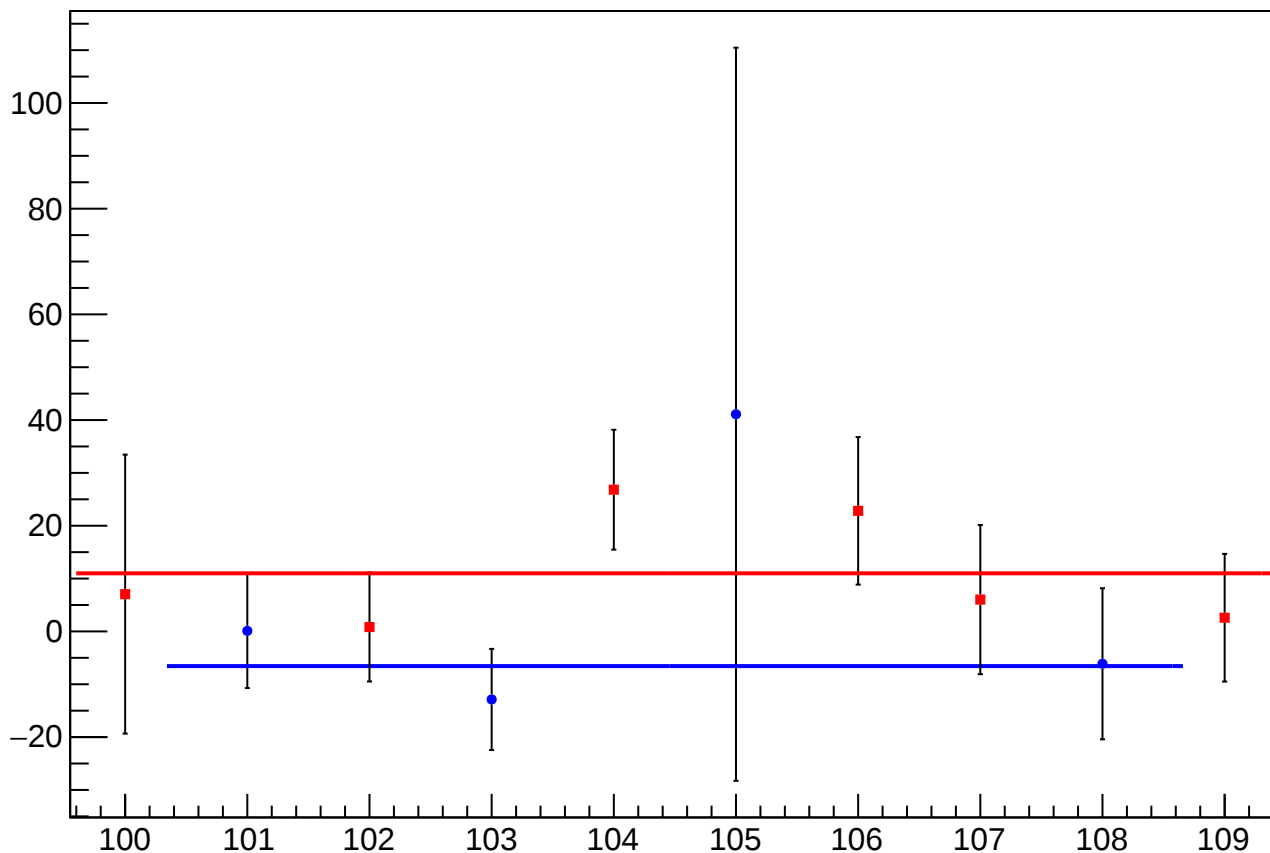
13102.438 $\pm$ 7.539 χ^2 /NDF: 60554.8/3

Right Out: 14087.111 $\pm$ 6.647 χ^2 /NDF: 47418.8/5

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

14087.111 $\pm$ 6.647 χ^2 /NDF: 47418.8/5

diff_bpm4acY_mean vs slug



Right In: -6.563+/-6.383 χ^2/NDF : 1.3/3

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

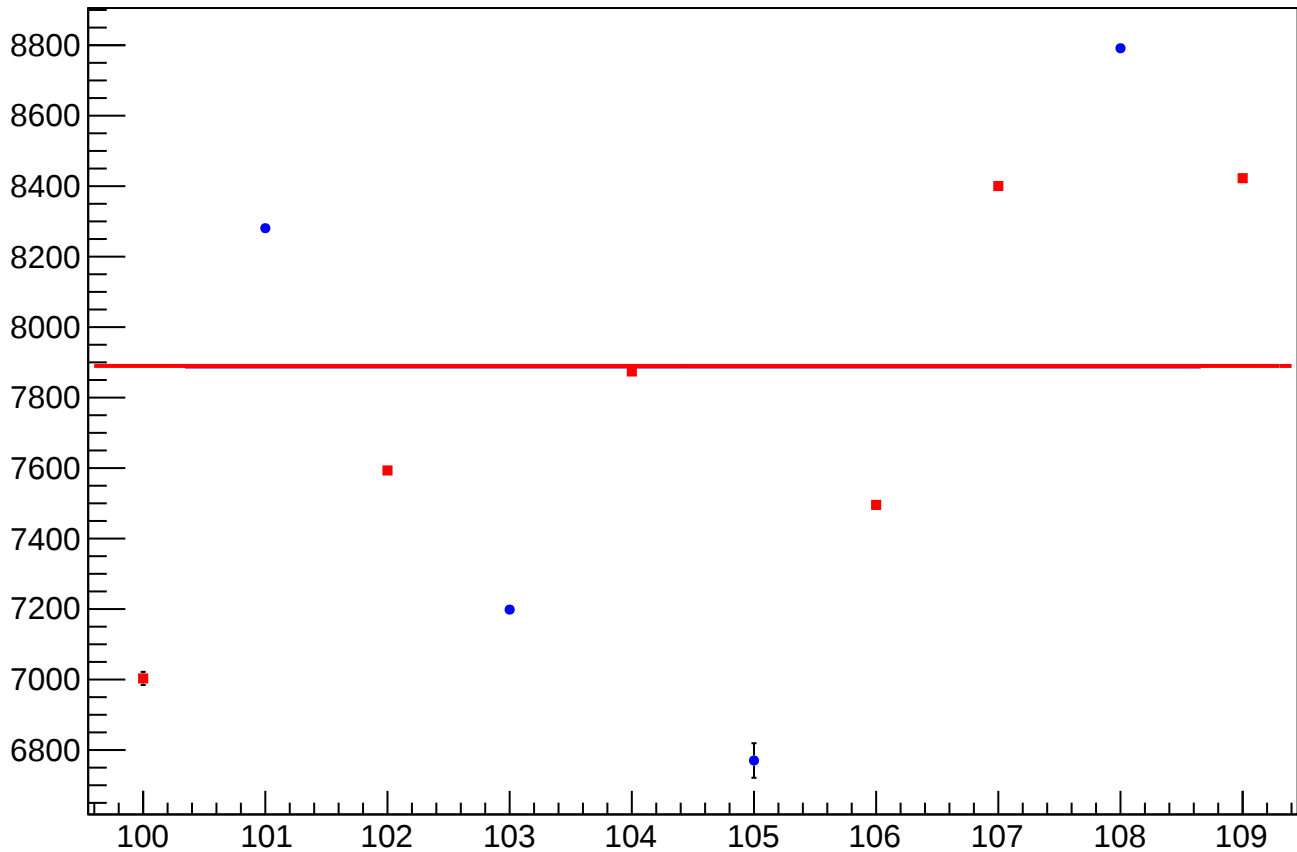
Right Out: 10.993+/-5.299 χ^2/NDF : 4.3/5

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

-6.563+/-6.383 χ^2/NDF : 1.3/3

10.993+/-5.299 χ^2/NDF : 4.3/5

diff_bpm4acY_rms vs slug



Right In: 7888.361 $\pm$ 4.514 χ^2 /NDF: 21516.8/3

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

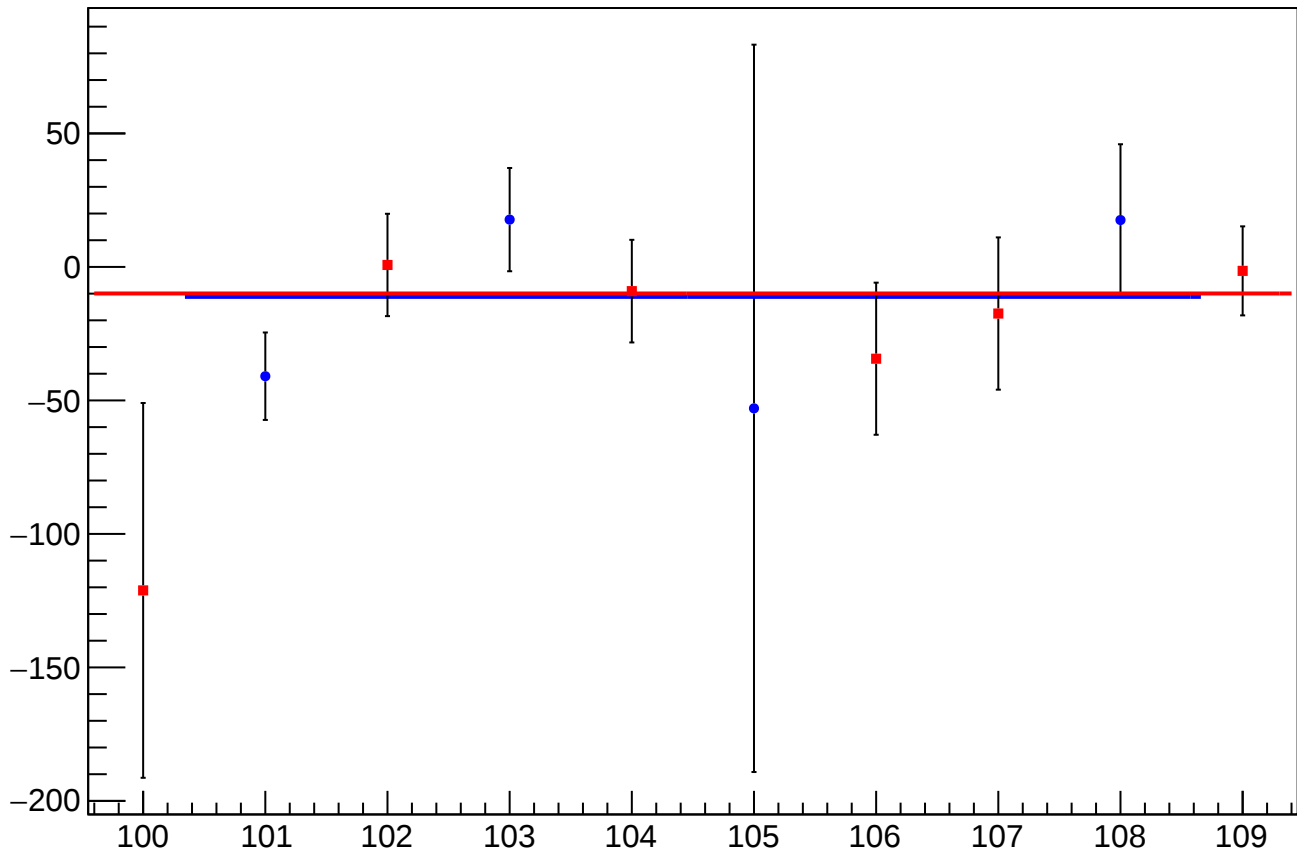
7888.361 $\pm$ 4.514 χ^2 /NDF: 21516.8/3

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

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

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

diff_bpm4ecX_mean vs slug



Right In: -11.208+/-11.398 χ^2/NDF : 6.7/3

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

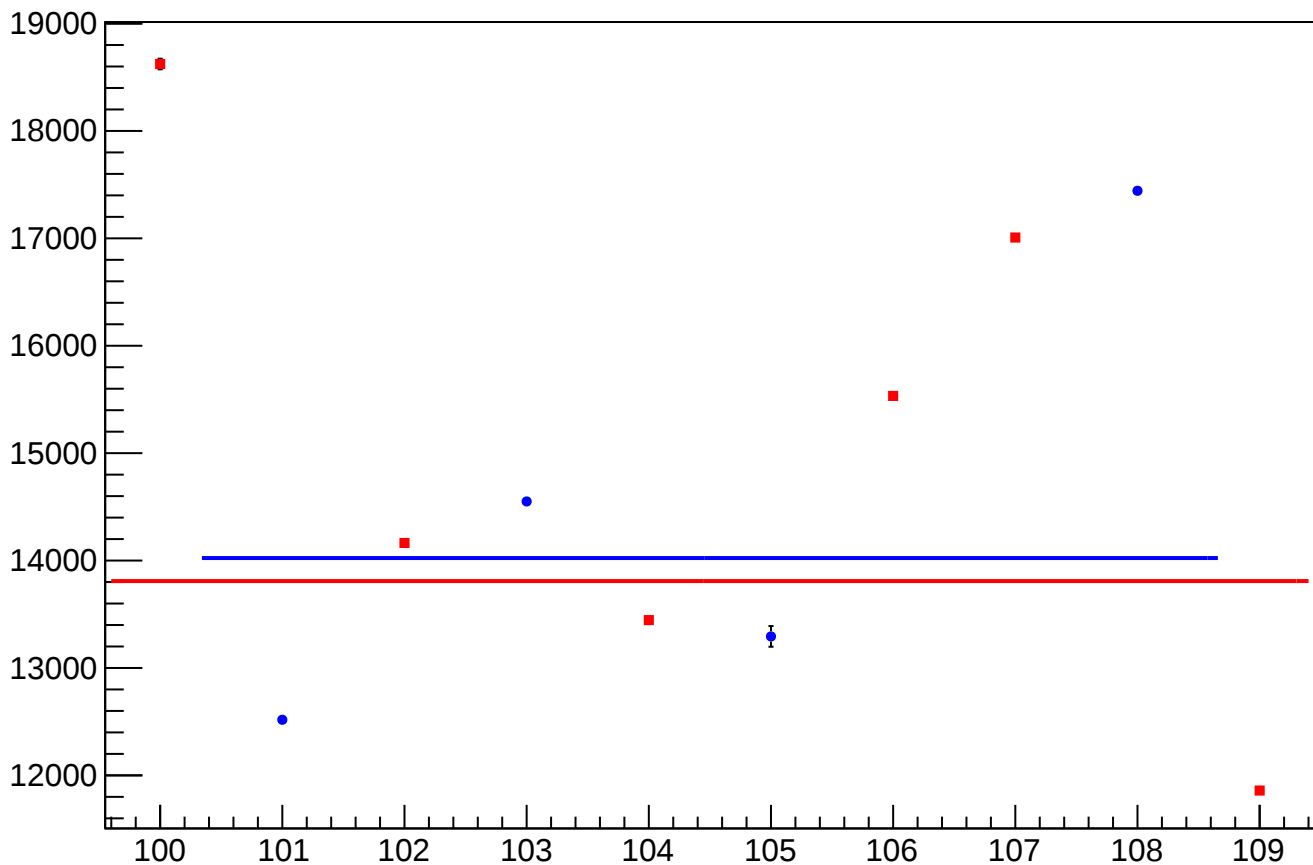
Right Out: -9.945+/-9.248 χ^2/NDF : 3.9/5

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

-11.208+/-11.398 χ^2/NDF : 6.7/3

-9.945+/-9.248 χ^2/NDF : 3.9/5

diff_bpm4ecX_rms vs slug



Right In: 14023.476+/-8.059 χ^2/NDF : 47479.6/3

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

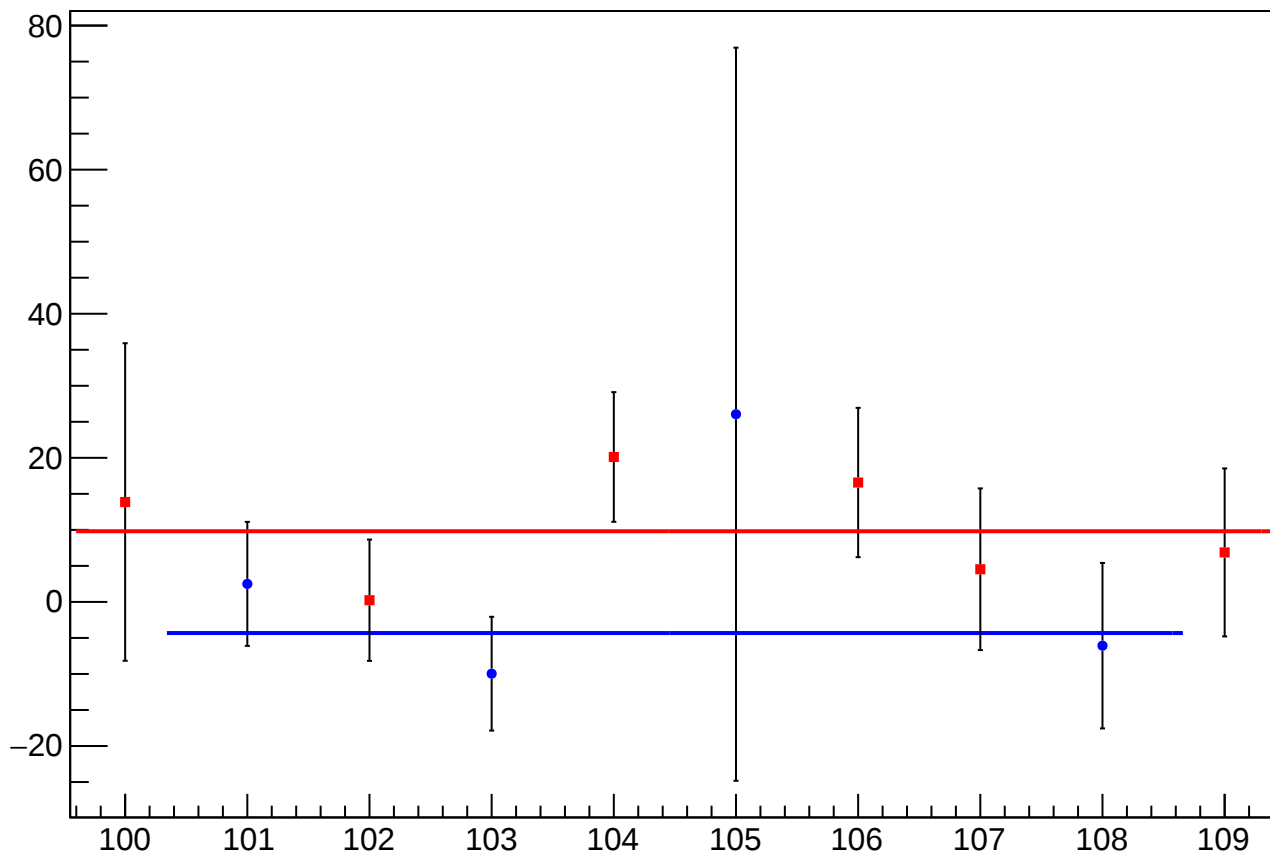
14023.476+/-8.059 χ^2/NDF : 47479.6/3

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

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

13809.205+/-6.539 χ^2/NDF : 70655.6/5

diff_bpm4ecY_mean vs slug



Right In: -4.320+/-5.164 χ^2/NDF : 1.5/3

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

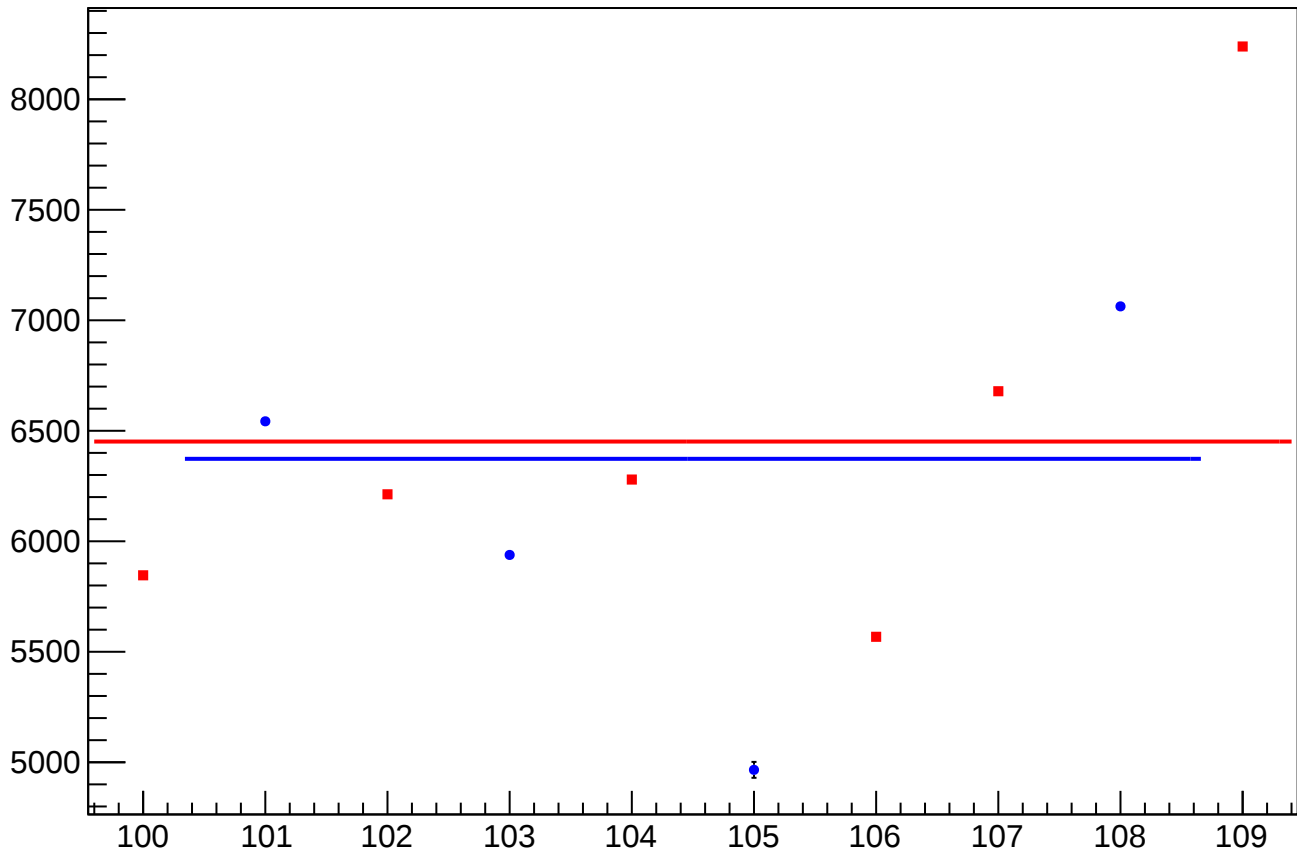
Right Out: 9.808+/-4.338 χ^2/NDF : 3.3/5

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

-4.320+/-5.164 χ^2/NDF : 1.5/3

9.808+/-4.338 χ^2/NDF : 3.3/5

diff_bpm4ecY_rms vs slug



Right In: 6373.130+/-3.651 χ^2 /NDF: 15591.6/3

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

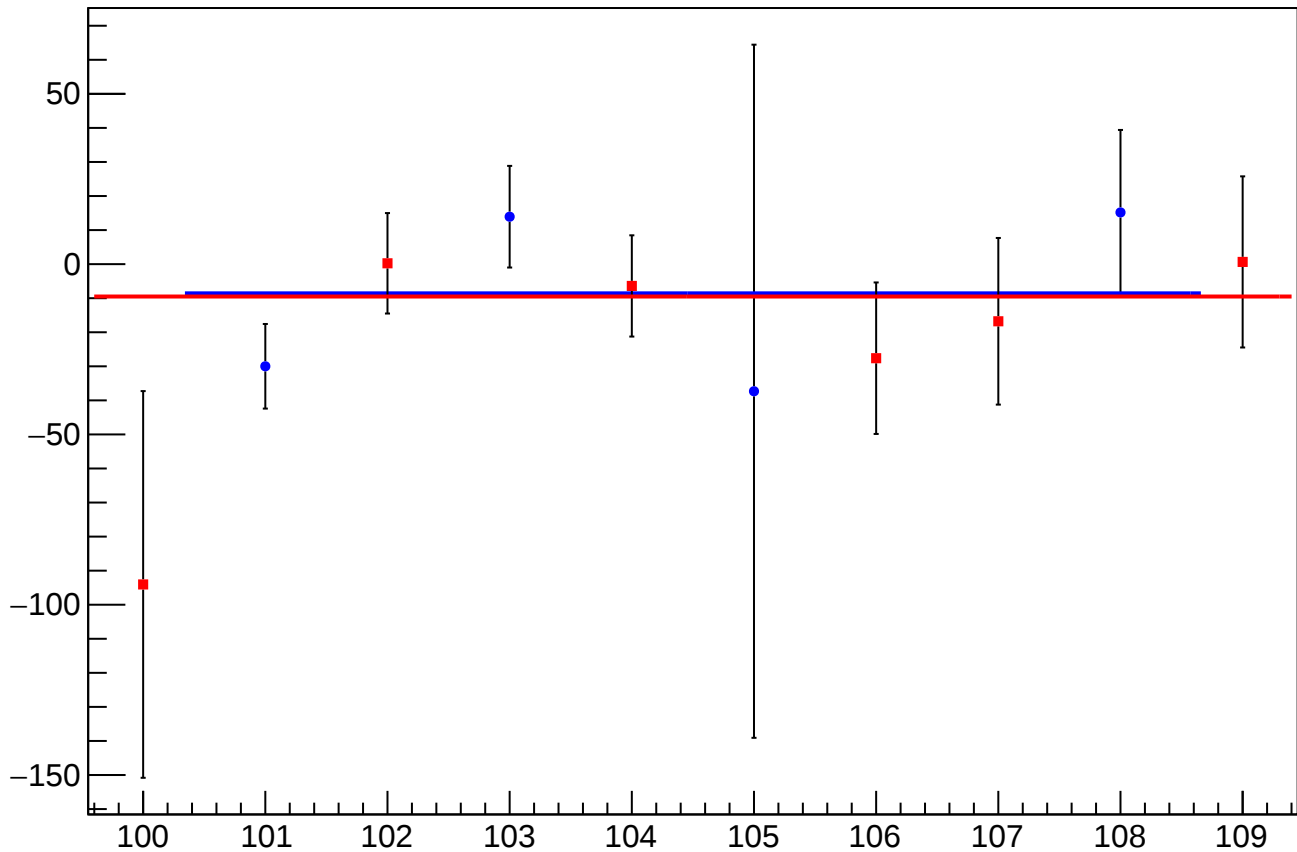
6373.130+/-3.651 χ^2 /NDF: 15591.6/3

Right Out: 6451.314+/-3.068 χ^2 /NDF: 66239.0/5

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

6451.314+/-3.068 χ^2 /NDF: 66239.0/5

diff_bpm1X_mean vs slug



Right In: -8.575+/-8.847 χ^2/NDF : 6.3/3

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

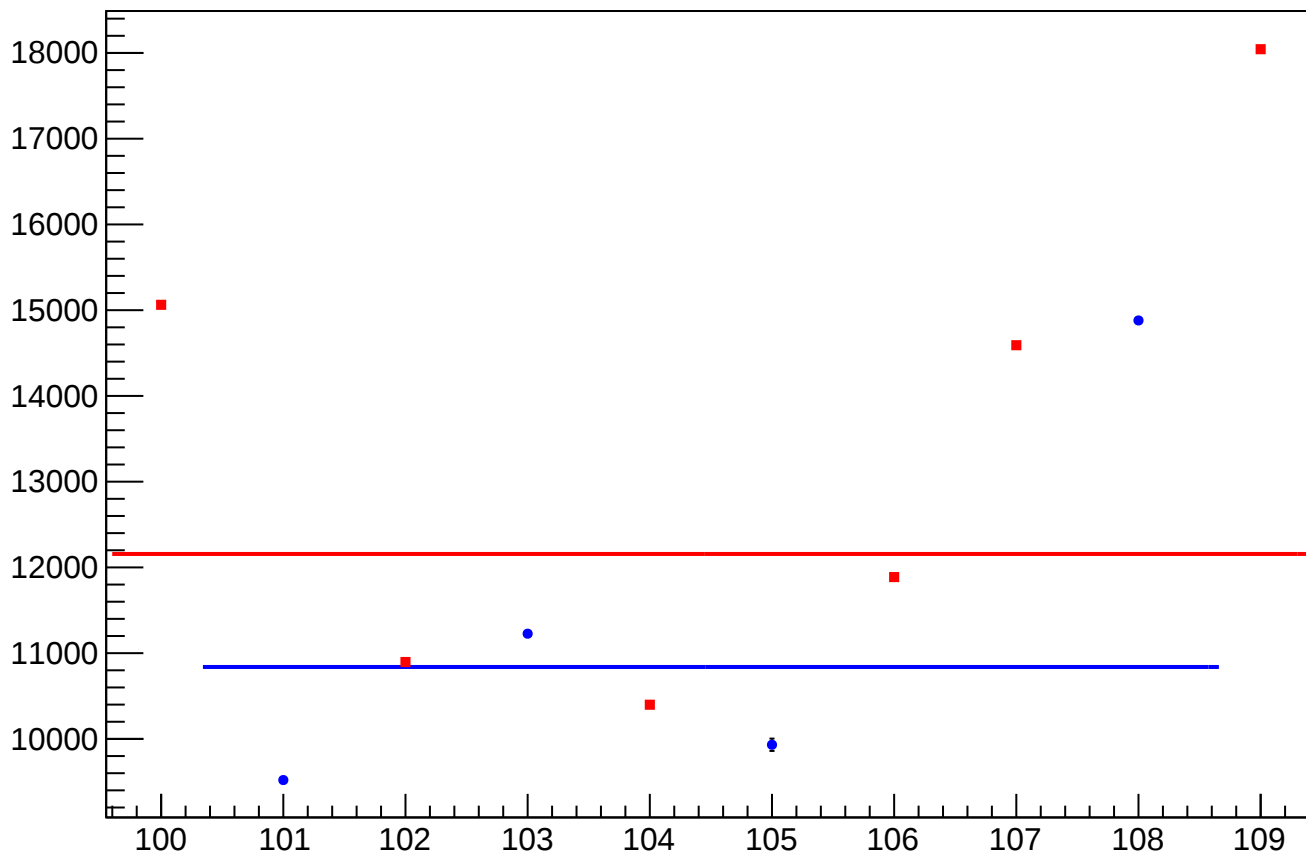
Right Out: -9.505+/-8.245 χ^2/NDF : 3.6/5

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

-8.575+/-8.847 χ^2/NDF : 6.3/3

-9.505+/-8.245 χ^2/NDF : 3.6/5

diff_bpm1X_rms vs slug



Right In: 10838.864 $\pm$ 6.256 χ^2 /NDF: 79761.9/3

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

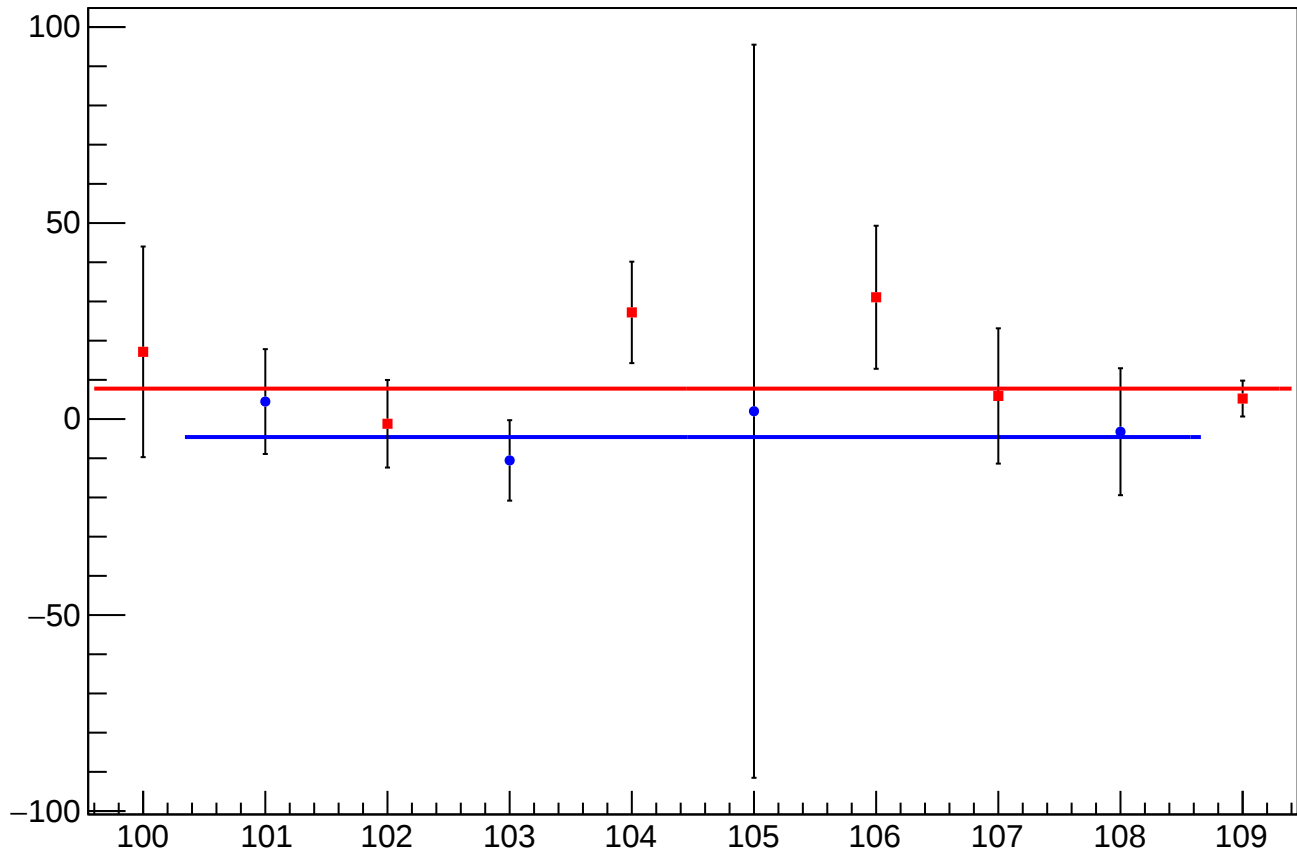
Right Out: 12156.845 $\pm$ 5.830 χ^2 /NDF: 177730.7/5

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

10838.864 $\pm$ 6.256 χ^2 /NDF: 79761.9/3

12156.845 $\pm$ 5.830 χ^2 /NDF: 177730.7/5

diff_bpm1Y_mean vs slug



Right In: -4.590+/-7.251 χ^2/NDF : 0.8/3

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

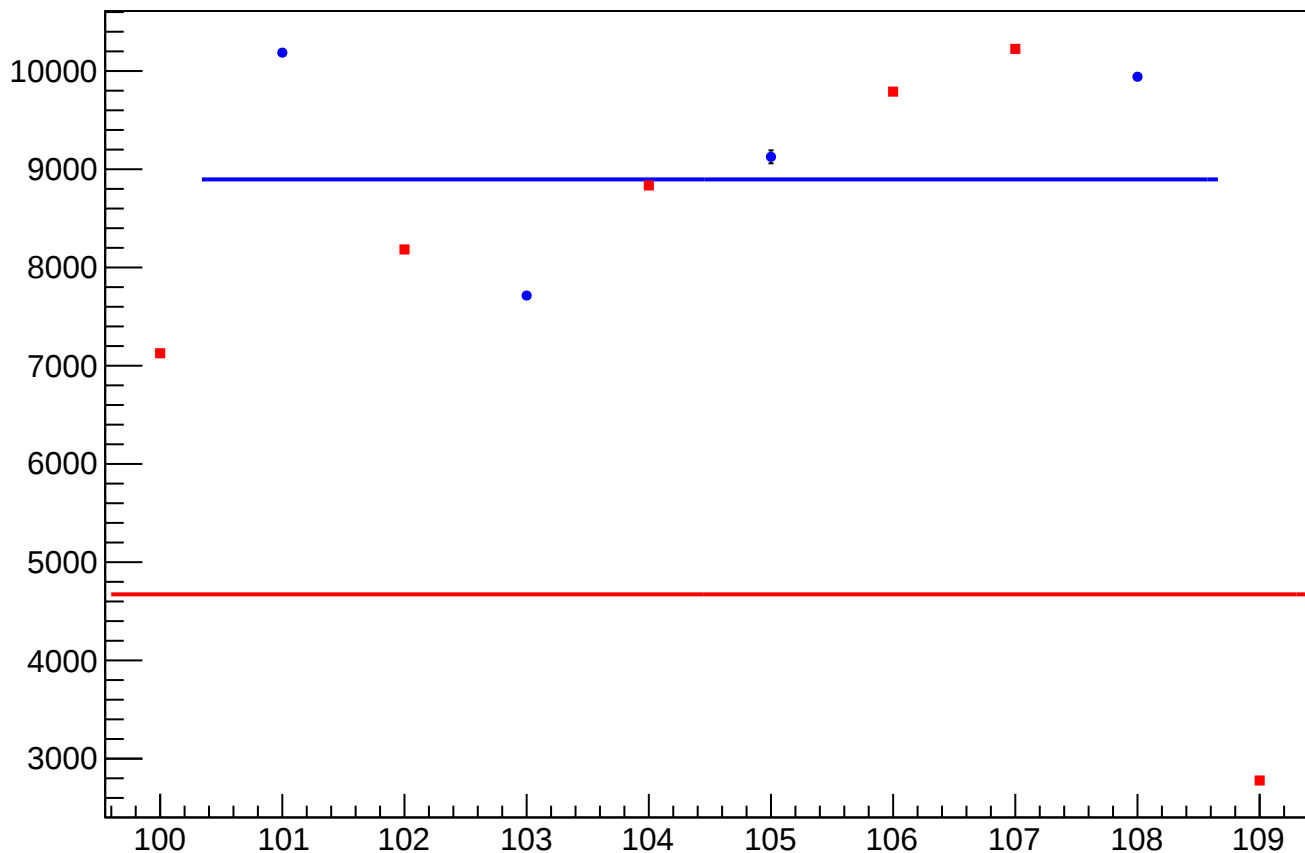
Right Out: 7.766+/-3.794 χ^2/NDF : 5.0/5

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

-4.590+/-7.251 χ^2/NDF : 0.8/3

7.766+/-3.794 χ^2/NDF : 5.0/5

diff_bpm1Y_rms vs slug



Right In: 8896.592 $\pm$ 5.128 χ^2 /NDF: 53525.5/3

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

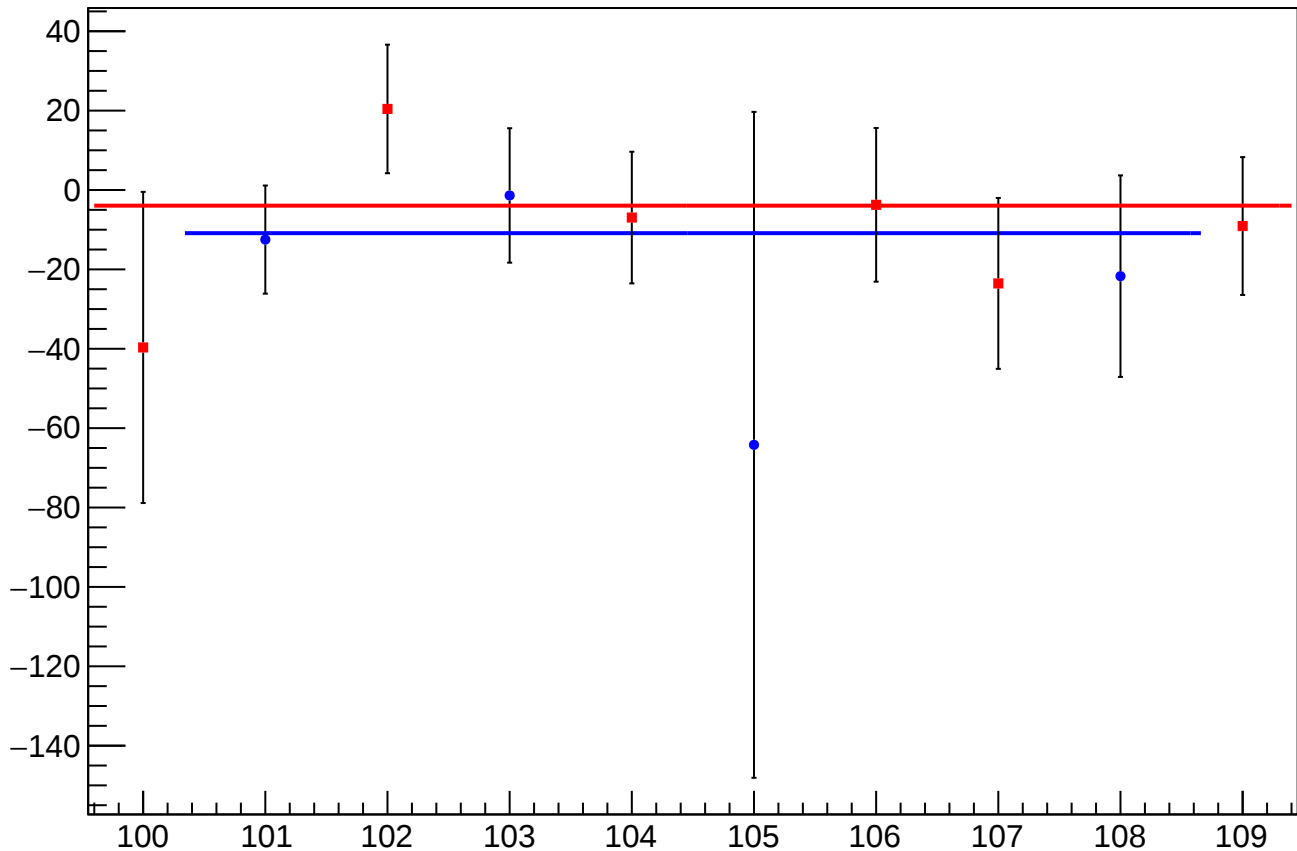
Right Out: 4672.412 $\pm$ 2.683 χ^2 /NDF: 1128428.4/5

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

8896.592 $\pm$ 5.128 χ^2 /NDF: 53525.5/3

4672.412 $\pm$ 2.683 χ^2 /NDF: 1128428.4/5

diff_bpm11X_mean vs slug



Right In: -10.874+/-9.726 χ^2/NDF : 0.9/3

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

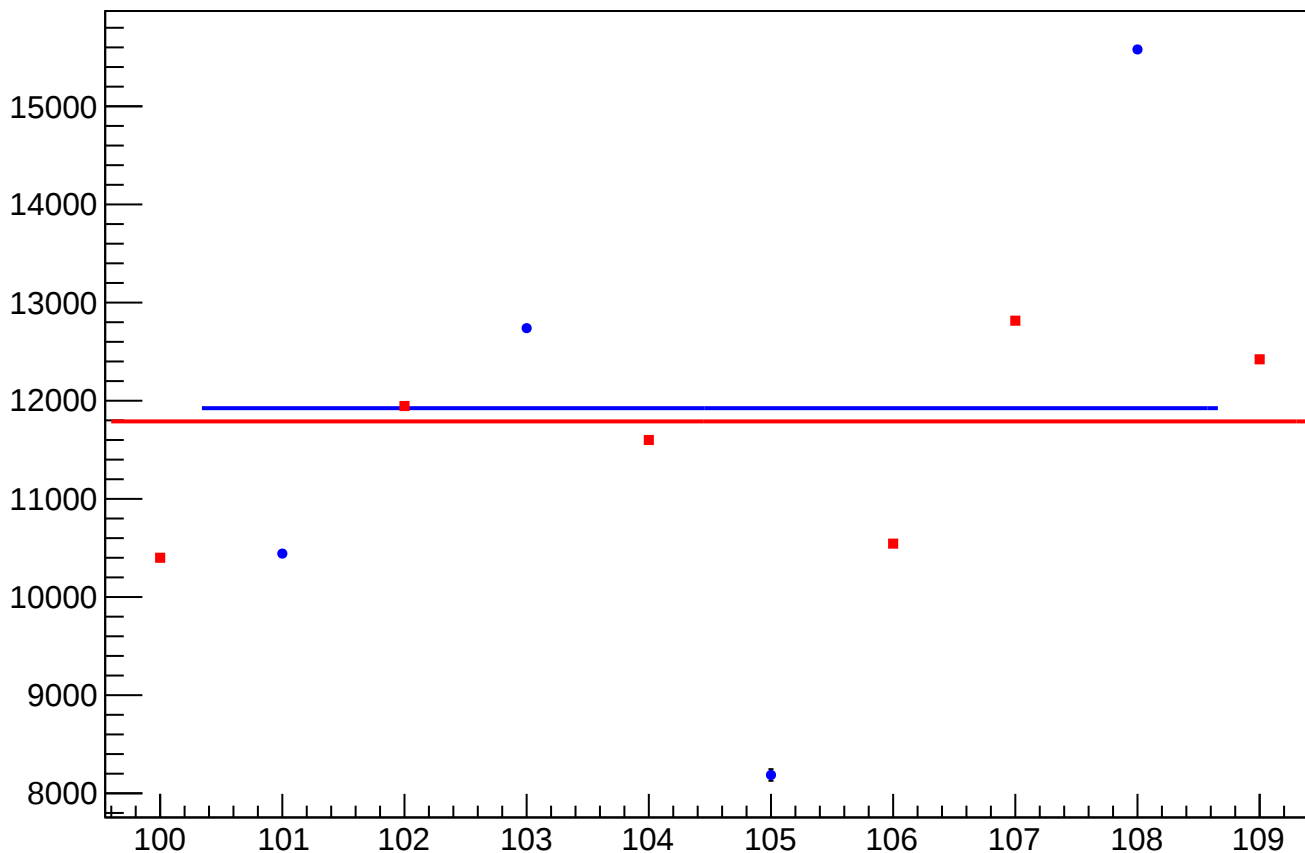
Right Out: -3.944+/-7.846 χ^2/NDF : 4.0/5

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

-10.874+/-9.726 χ^2/NDF : 0.9/3

-3.944+/-7.846 χ^2/NDF : 4.0/5

diff_bpm11X_rms vs slug



Right In: 11924.177+/-6.877 χ^2/NDF : 73731.3/3

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

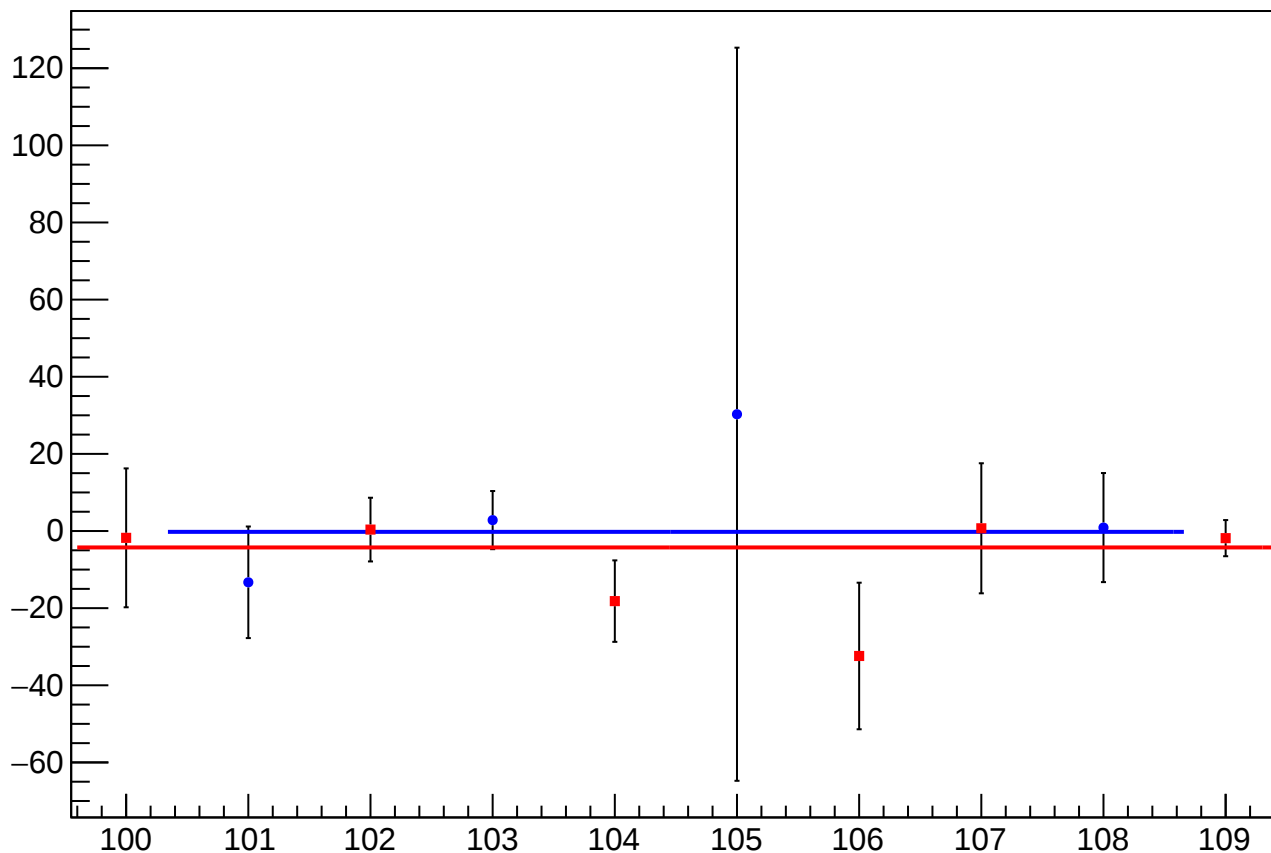
Right Out: 11789.310+/-5.548 χ^2/NDF : 18437.5/5

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

11924.177+/-6.877 χ^2/NDF : 73731.3/3

11789.310+/-5.548 χ^2/NDF : 18437.5/5

diff_bpm11Y_mean vs slug



Right In: -0.215+/-6.032 χ^2 /NDF: 1.1/3

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

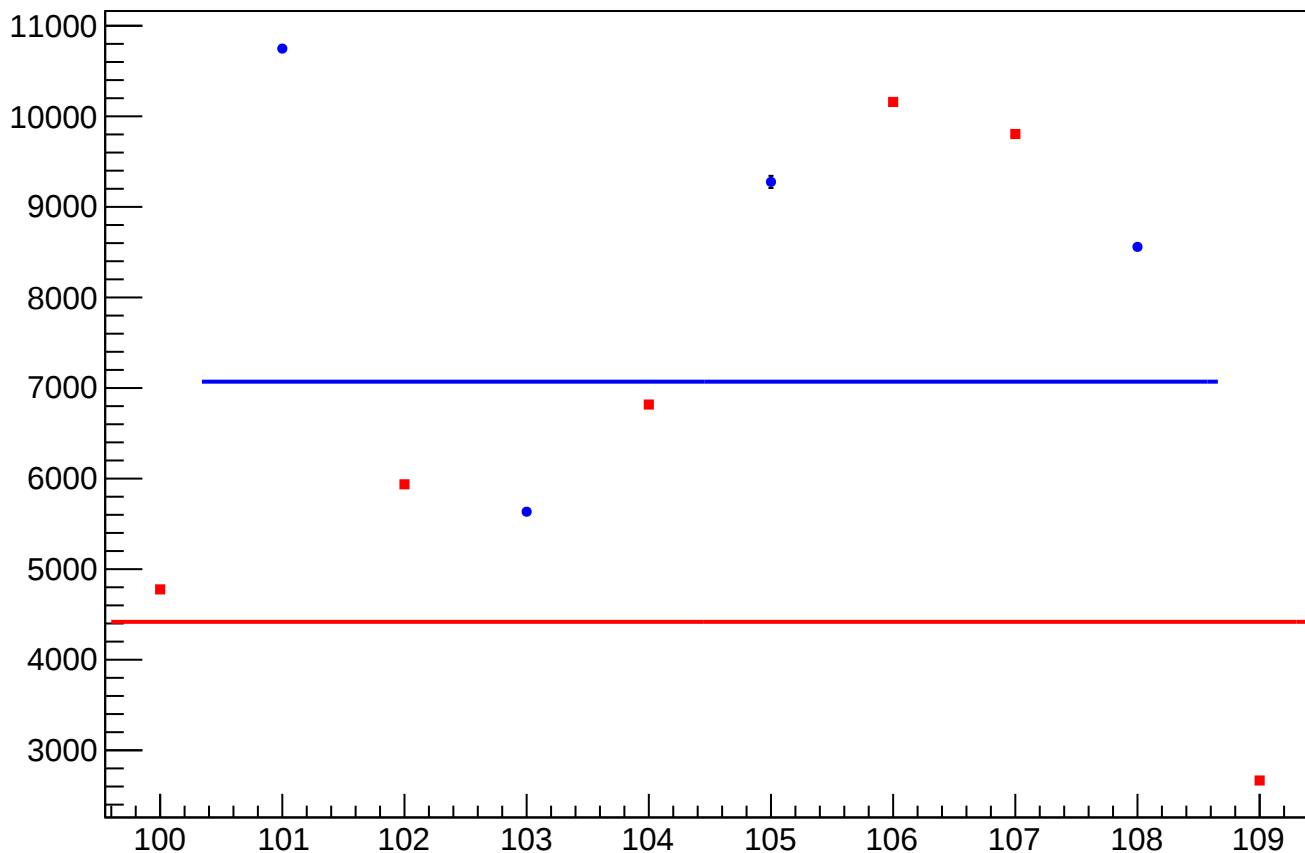
Right Out: -4.258+/-3.569 χ^2 /NDF: 4.6/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.215+/-6.032 χ^2 /NDF: 1.1/3

-4.258+/-3.569 χ^2 /NDF: 4.6/5

diff_bpm11Y_rms vs slug



Right In: 7070.195 $\pm$ 4.265 χ^2 /NDF: 225045.1/3

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

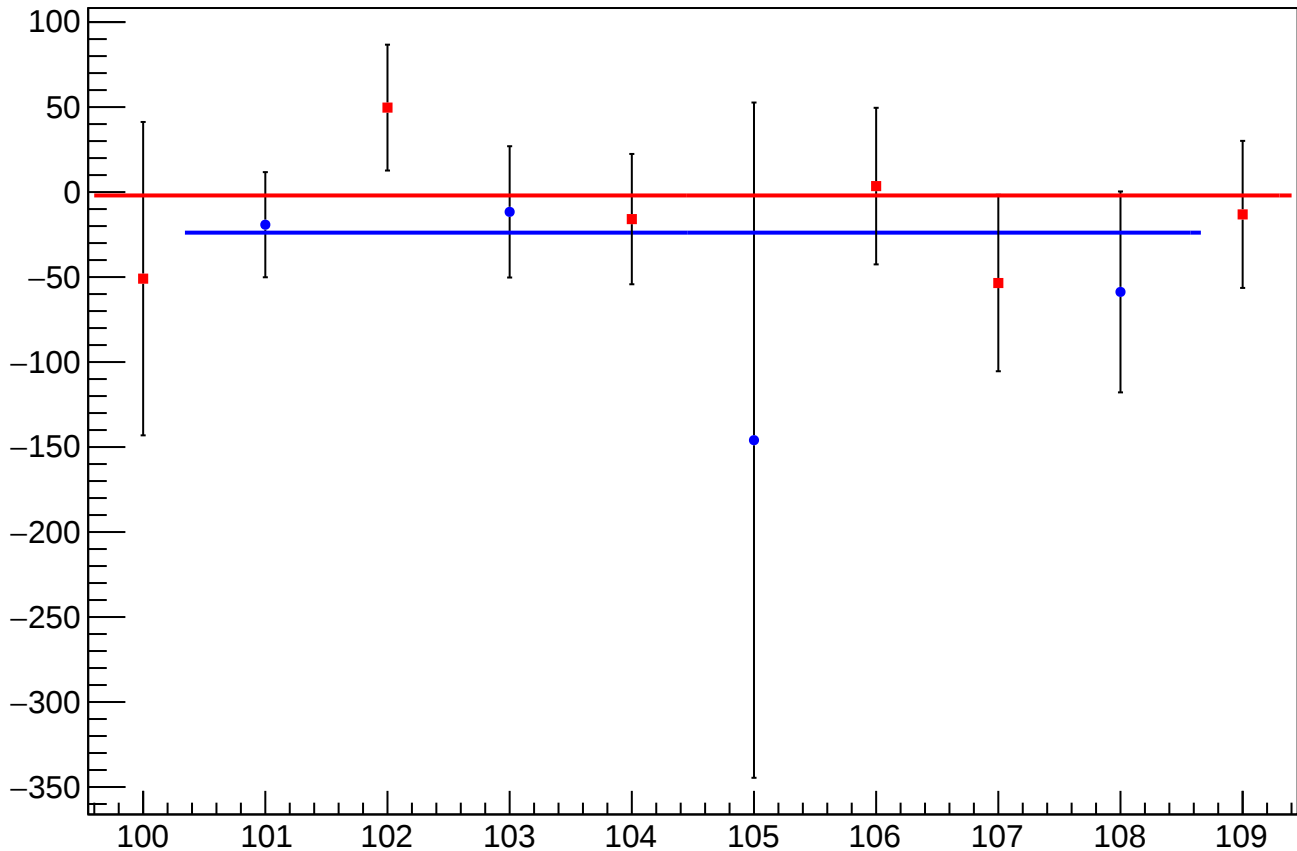
Right Out: 4418.355 $\pm$ 2.524 χ^2 /NDF: 837588.5/5

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

7070.195 $\pm$ 4.265 χ^2 /NDF: 225045.1/3

4418.355 $\pm$ 2.524 χ^2 /NDF: 837588.5/5

diff_bpm12X_mean vs slug



Right In: -23.870 $\pm$ 22.209 χ^2 /NDF: 0.8/3

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

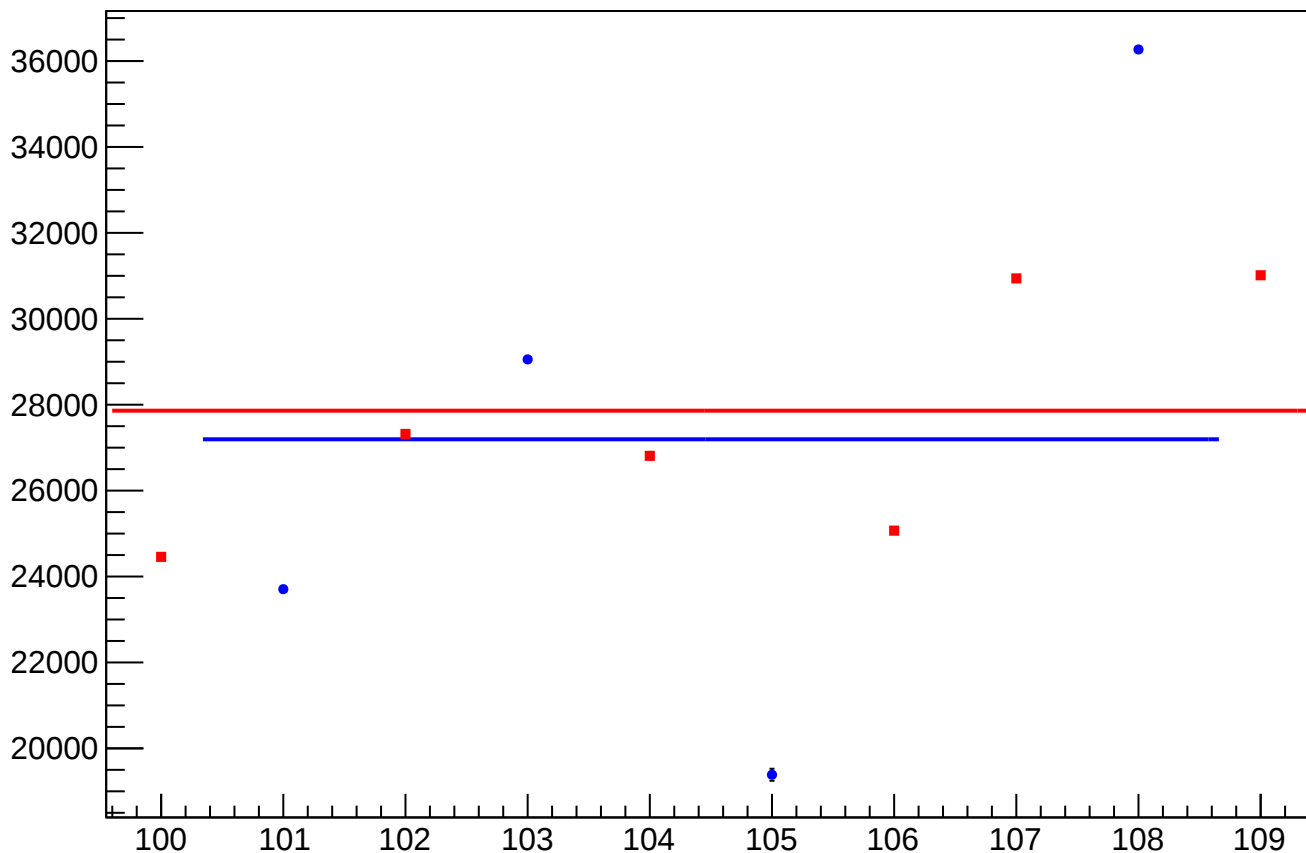
Right Out: -1.993 $\pm$ 18.554 χ^2 /NDF: 3.4/5

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

-23.870 $\pm$ 22.209 χ^2 /NDF: 0.8/3

-1.993 $\pm$ 18.554 χ^2 /NDF: 3.4/5

diff_bpm12X_rms vs slug



Right In: 27194.657 $\pm$ 15.704 χ^2 /NDF: 80328.8/3

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

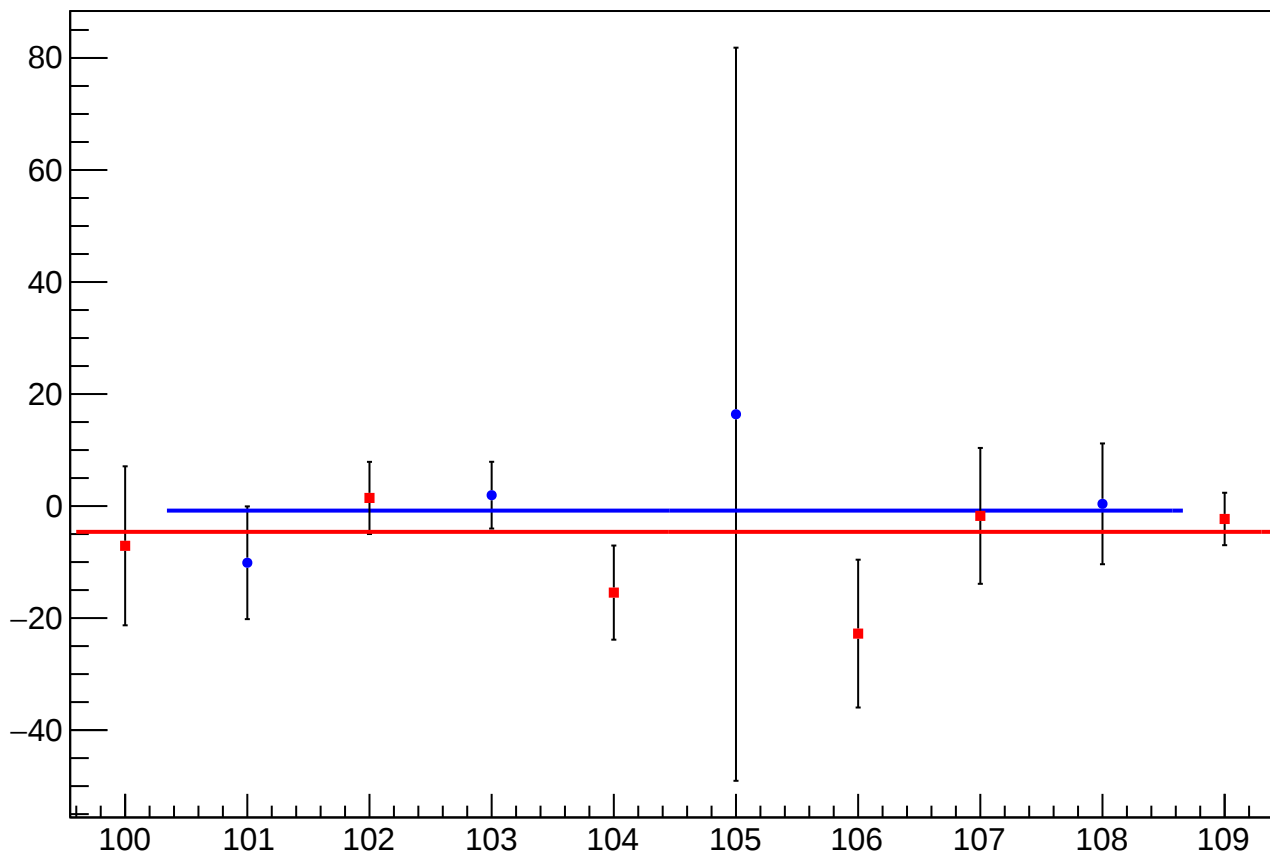
Right Out: 27860.902 $\pm$ 13.120 χ^2 /NDF: 29672.9/5

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

27194.657 $\pm$ 15.704 χ^2 /NDF: 80328.8/3

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

diff_bpm12Y_mean vs slug



Right In: -0.812 ± 4.620 χ^2/NDF : 1.2/3

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

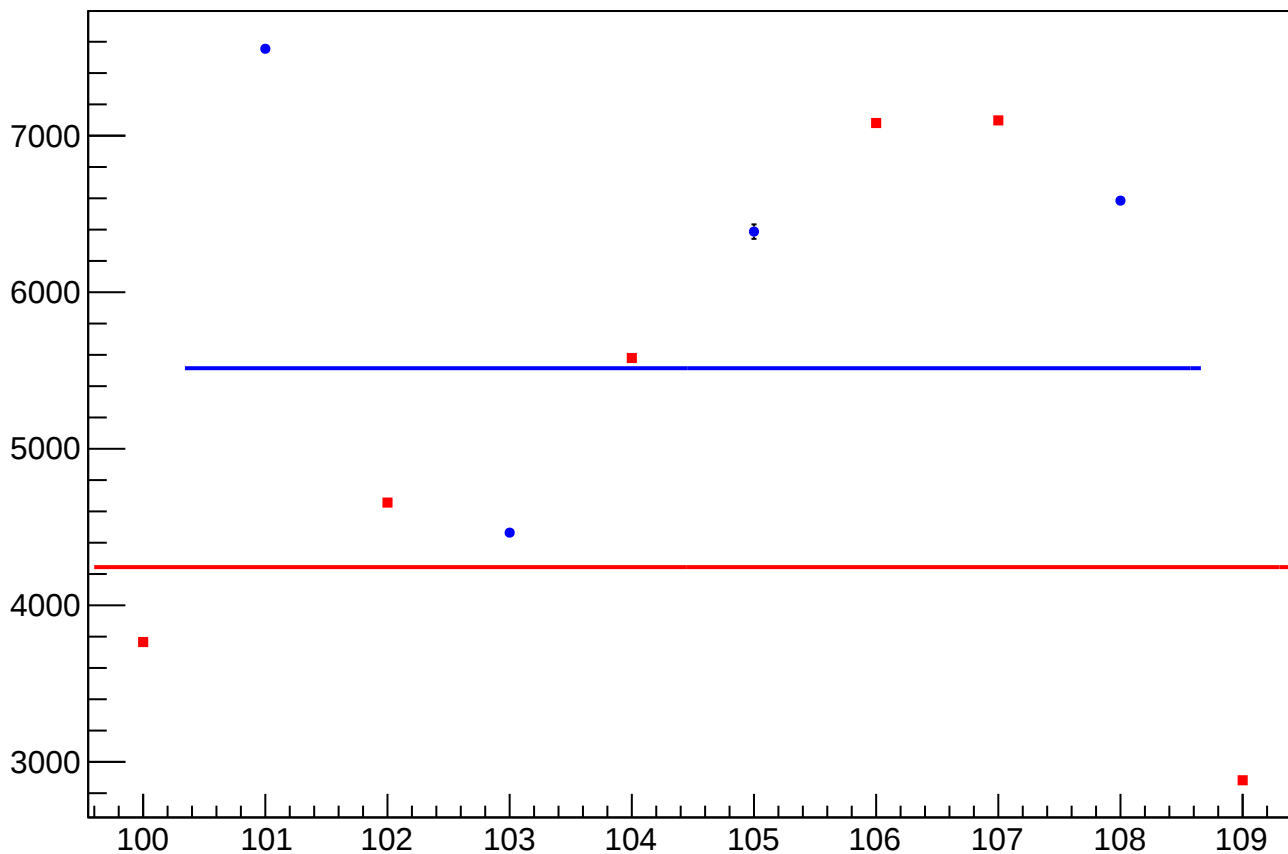
Right Out: -4.606 ± 3.140 χ^2/NDF : 4.8/5

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

-0.812 ± 4.620 χ^2/NDF : 1.2/3

-4.606 ± 3.140 χ^2/NDF : 4.8/5

diff_bpm12Y_rms vs slug



Right In: 5514.701 $\pm$ 3.267 χ^2 /NDF: 164350.9/3

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

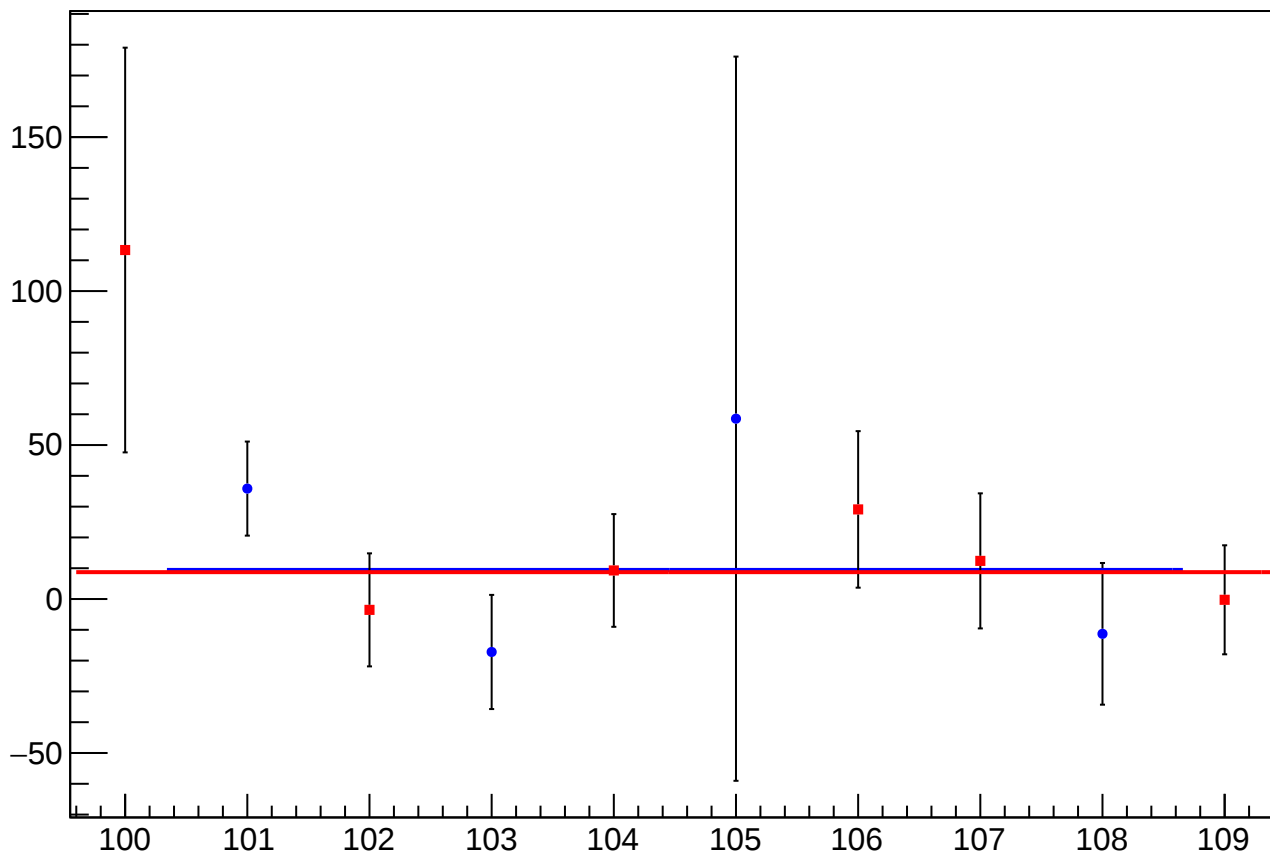
Right Out: 4244.022 $\pm$ 2.220 χ^2 /NDF: 433433.5/5

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

5514.701 $\pm$ 3.267 χ^2 /NDF: 164350.9/3

4244.022 $\pm$ 2.220 χ^2 /NDF: 433433.5/5

diff_bpm16X_mean vs slug



Right In: 9.449+/-10.450 χ^2 /NDF: 6.0/3

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

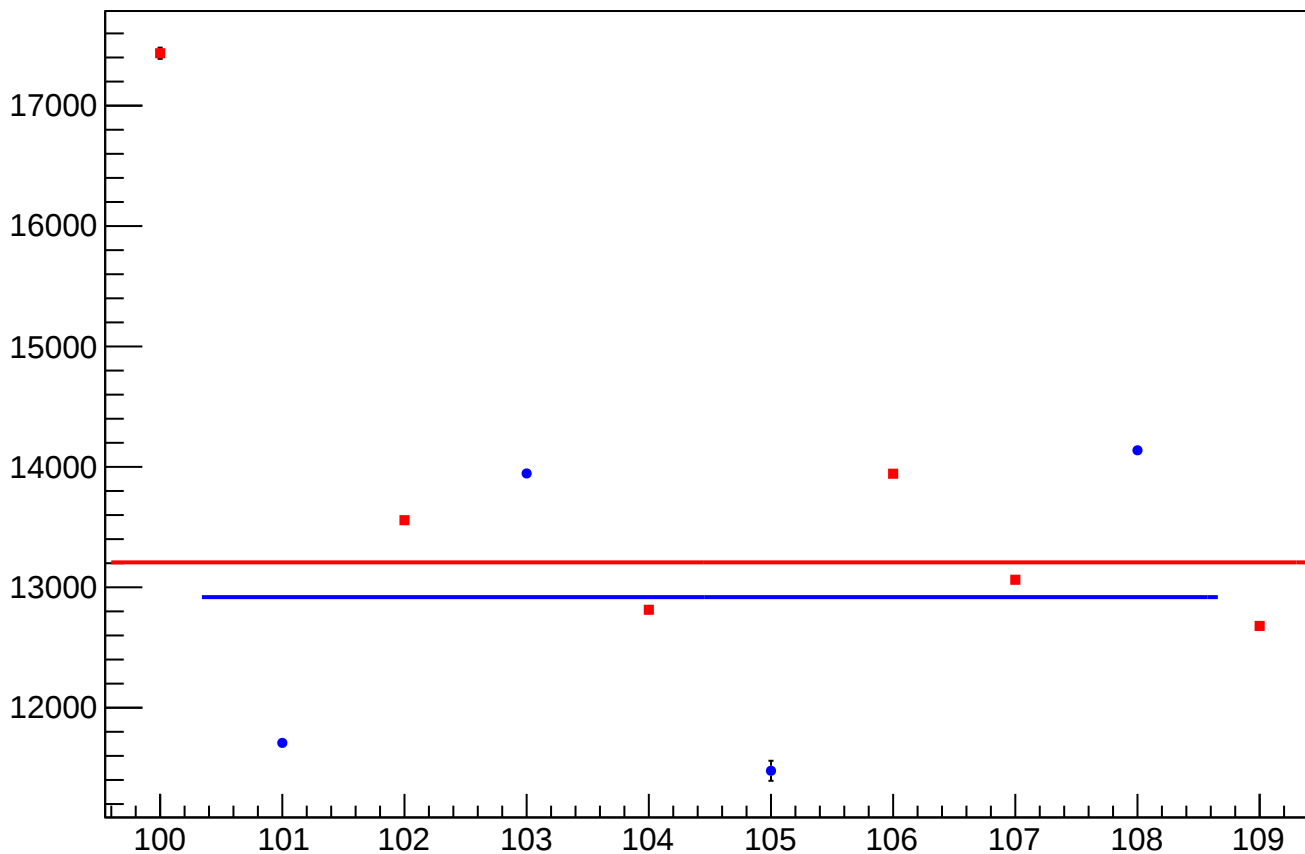
Right Out: 8.726+/-8.769 χ^2 /NDF: 3.9/5

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

9.449+/-10.450 χ^2 /NDF: 6.0/3

8.726+/-8.769 χ^2 /NDF: 3.9/5

diff_bpm16X_rms vs slug



Right In: 12918.387 $\pm$ 7.389 χ^2 /NDF: 24621.4/3

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

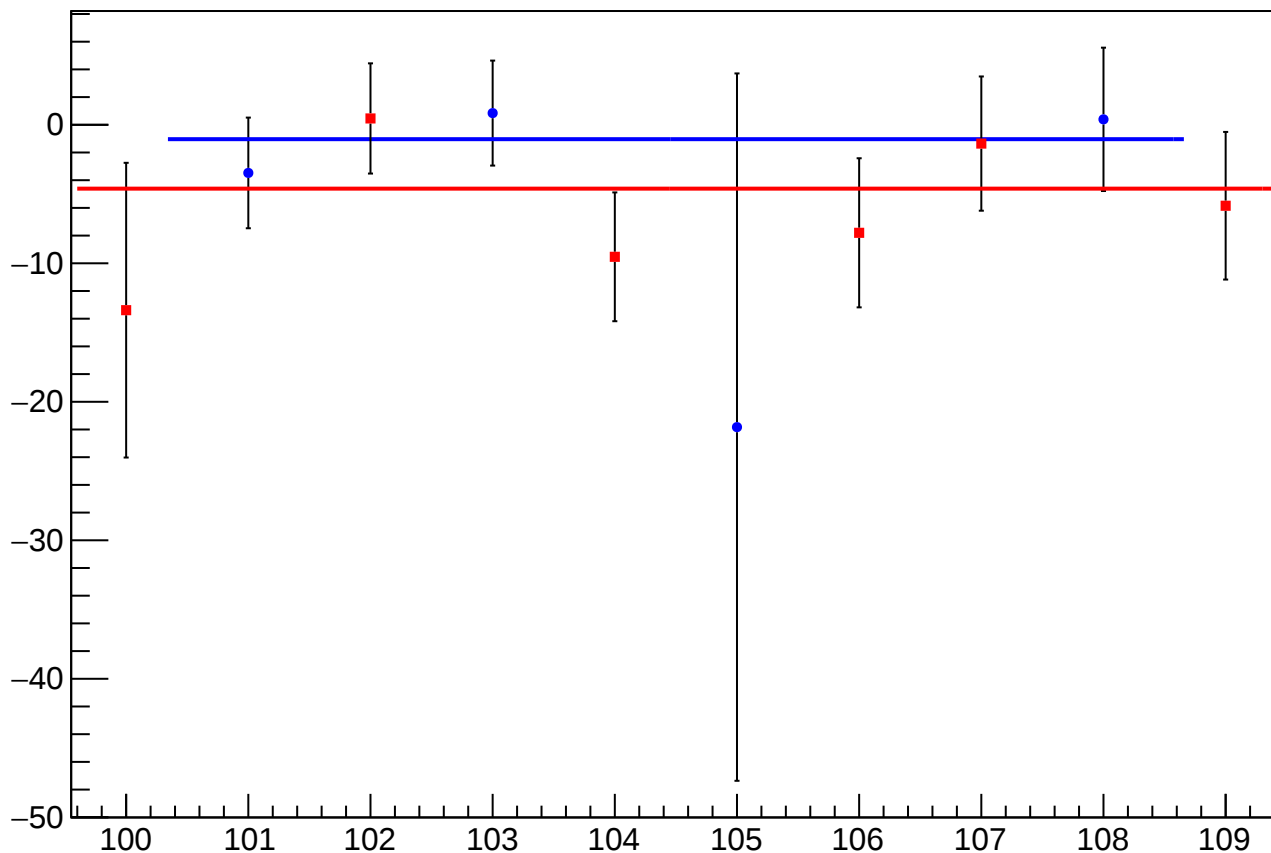
Right Out: 13207.024 $\pm$ 6.201 χ^2 /NDF: 13476.2/5

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

12918.387 $\pm$ 7.389 χ^2 /NDF: 24621.4/3

13207.024 $\pm$ 6.201 χ^2 /NDF: 13476.2/5

diff_bpm16Y_mean vs slug



Right In: -1.038+/-2.417 χ^2/NDF : 1.4/3

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

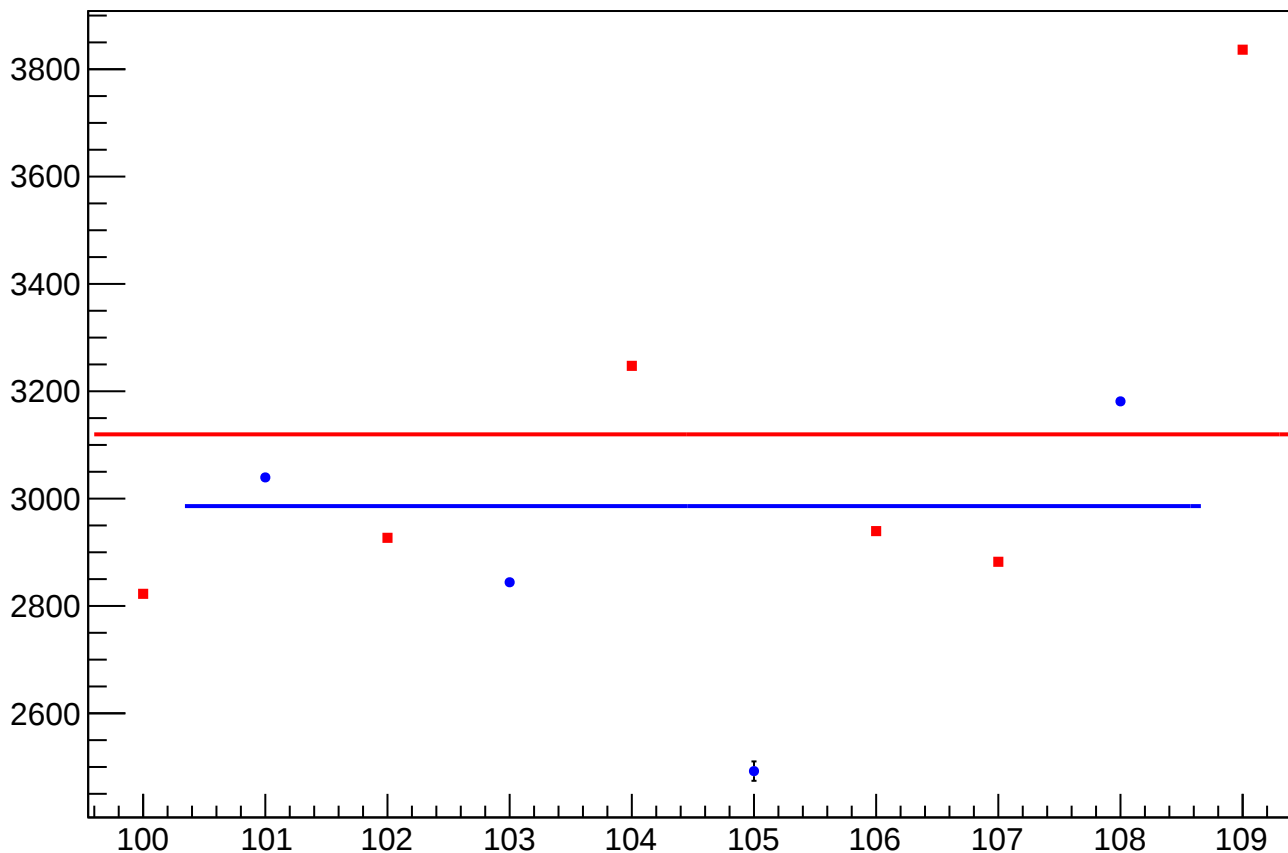
Right Out: -4.610+/-2.083 χ^2/NDF : 4.3/5

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

-1.038+/-2.417 χ^2/NDF : 1.4/3

-4.610+/-2.083 χ^2/NDF : 4.3/5

diff_bpm16Y_rms vs slug



Right In: 2986.065 $\pm$ 1.709 χ^2 /NDF: 6753.8/3

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

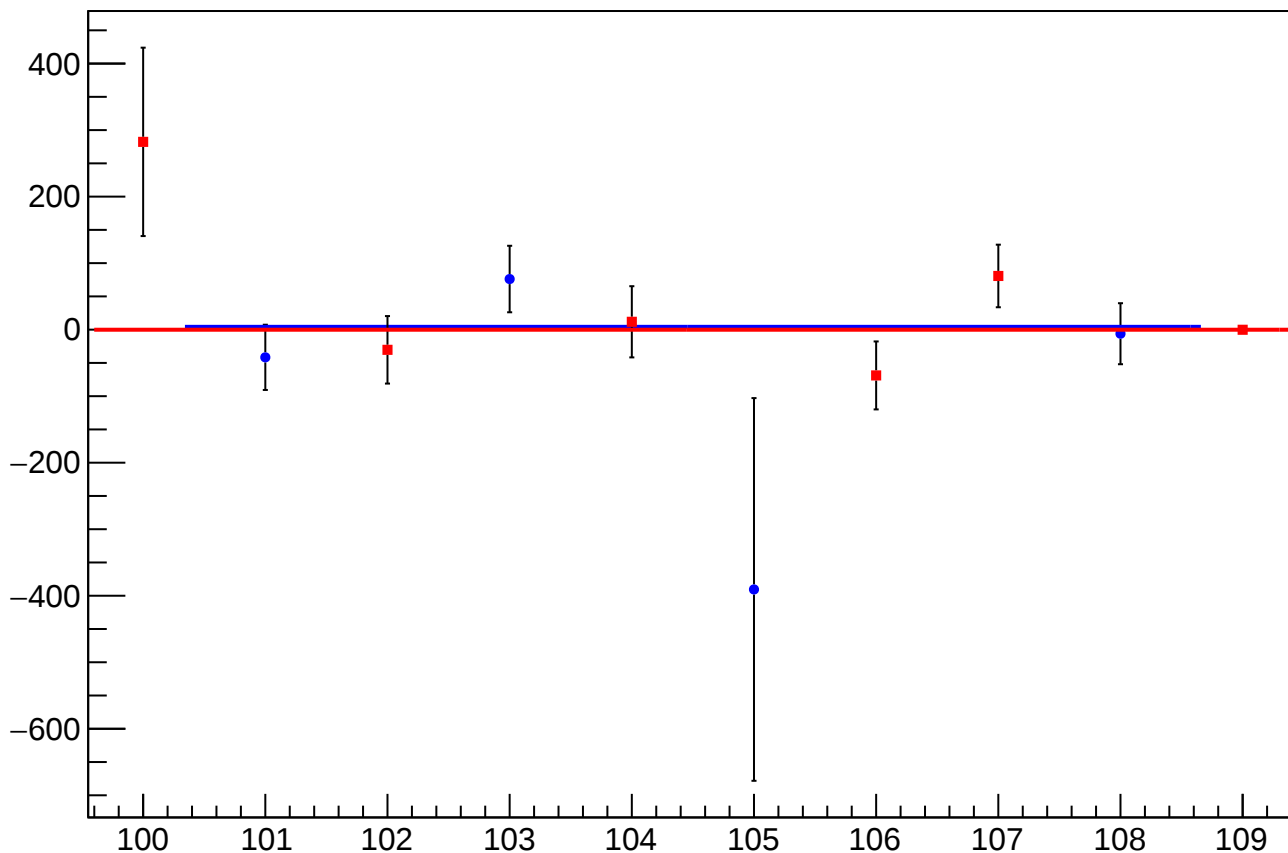
Right Out: 3119.729 $\pm$ 1.473 χ^2 /NDF: 50968.9/5

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

2986.065 $\pm$ 1.709 χ^2 /NDF: 6753.8/3

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

diff_bpm1p02bX_mean vs slug



Right In: 4.245+/-27.700 χ^2 /NDF: 4.9/3

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

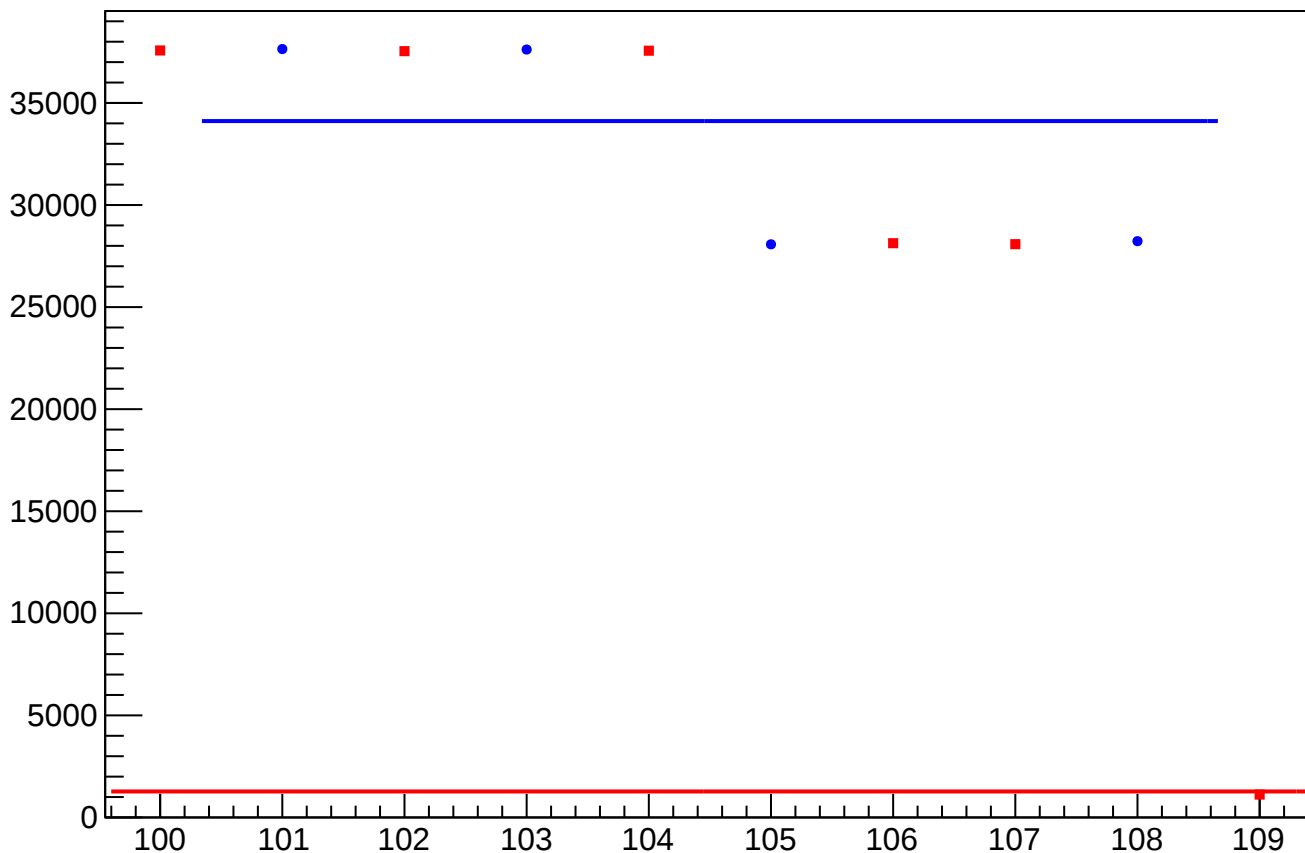
Right Out: -0.106+/-1.726 χ^2 /NDF: 9.1/5

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

4.245+/-27.700 χ^2 /NDF: 4.9/3

-0.106+/-1.726 χ^2 /NDF: 9.1/5

diff_bpm1p02bX_rms vs slug



Right In: 34112.703 $\pm$ 19.587 χ^2 /NDF: 53970.5/3

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

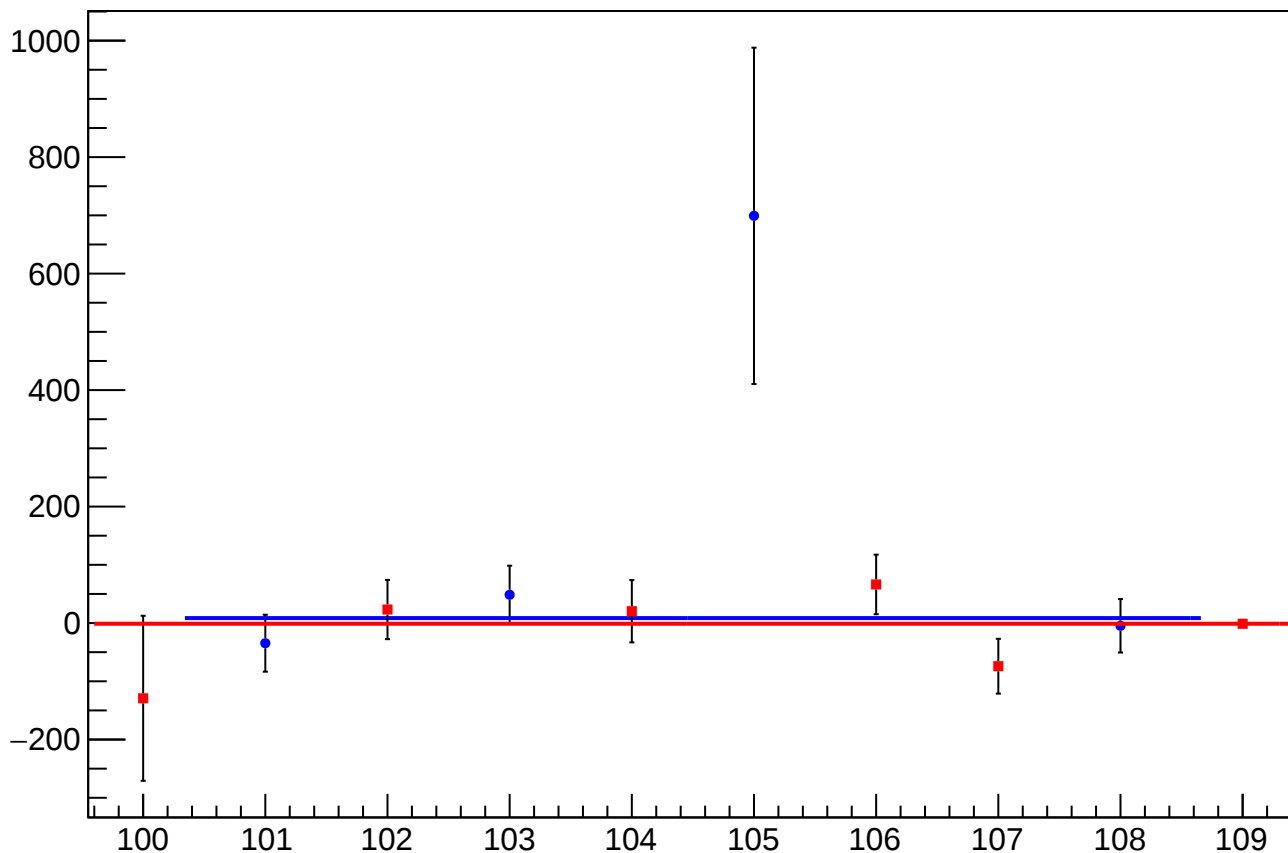
Right Out: 1273.920 $\pm$ 1.221 χ^2 /NDF: 3290516.0/5

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

34112.703 $\pm$ 19.587 χ^2 /NDF: 53970.5/3

1273.920 $\pm$ 1.221 χ^2 /NDF: 3290516.0/5

diff_bpm1p02bY_mean vs slug



Right In: 8.504+/-27.682 χ^2 /NDF: 7.2/3

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

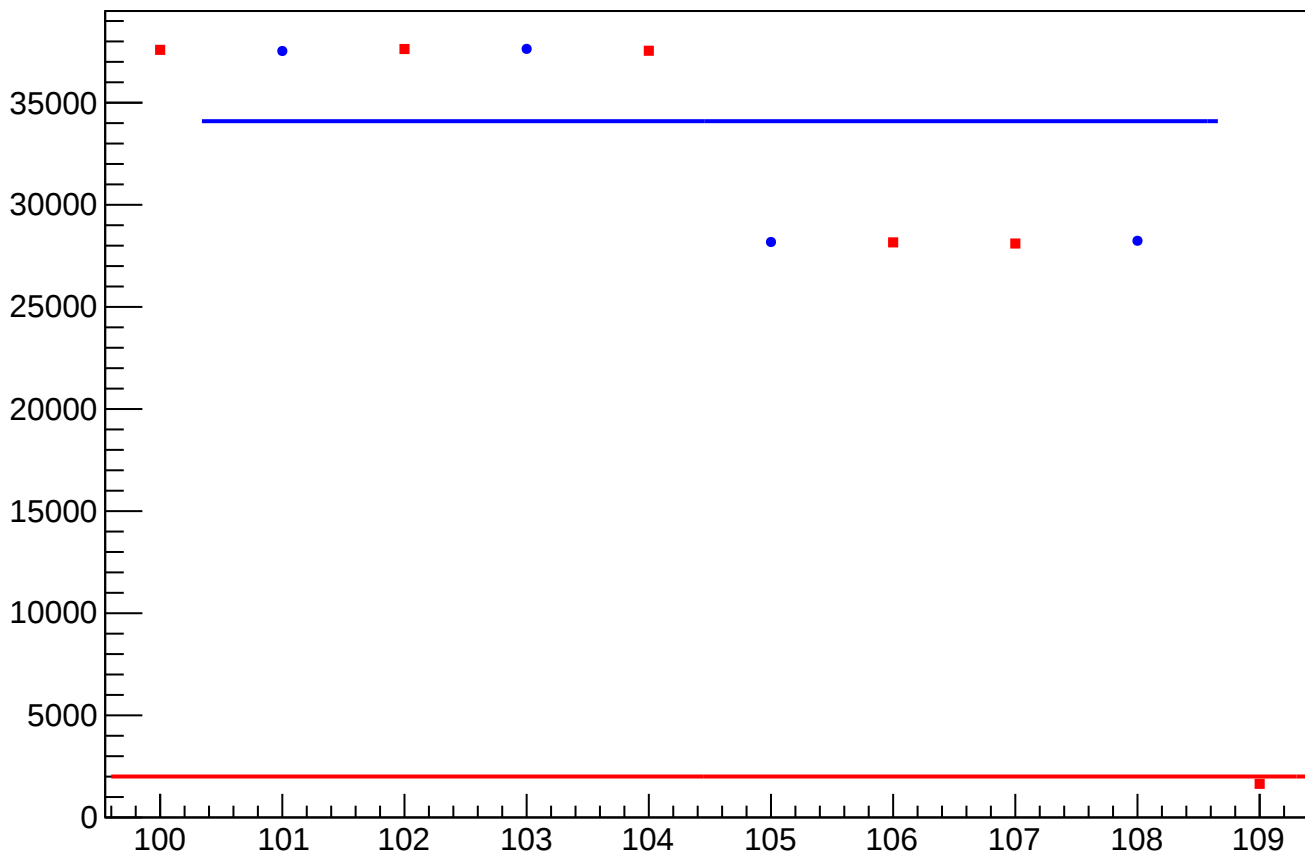
Right Out: -1.166+/-2.668 χ^2 /NDF: 5.3/5

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

8.504+/-27.682 χ^2 /NDF: 7.2/3

-1.166+/-2.668 χ^2 /NDF: 5.3/5

diff_bpm1p02bY_rms vs slug



Right In: 34095.020 $\pm$ 19.574 χ^2 /NDF: 53328.2/3

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

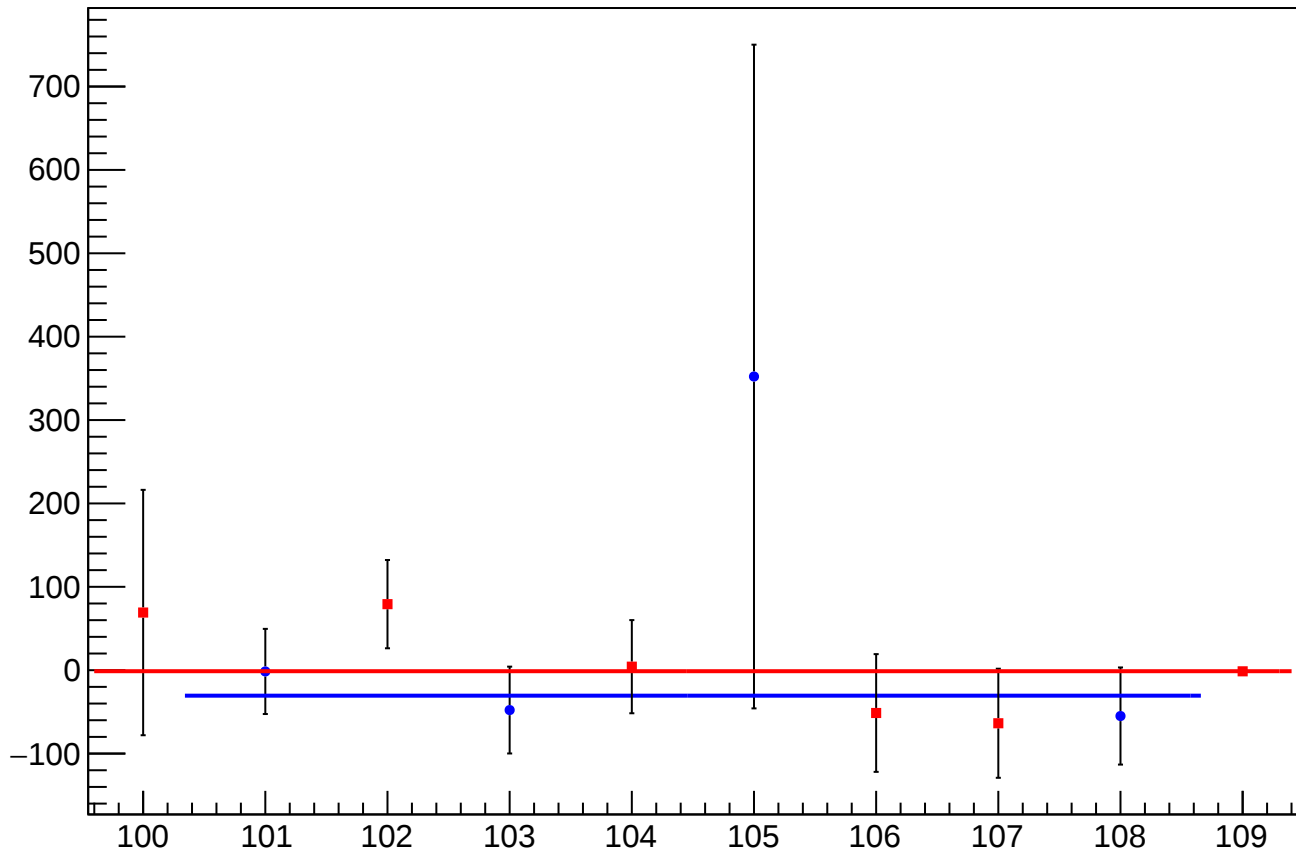
Right Out: 2004.828 $\pm$ 1.886 χ^2 /NDF: 3163654.4/5

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

34095.020 $\pm$ 19.574 χ^2 /NDF: 53328.2/3

2004.828 $\pm$ 1.886 χ^2 /NDF: 3163654.4/5

diff_bpm1p03aX_mean vs slug



Right In: -30.556+/-30.809 χ^2/NDF : 1.5/3

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

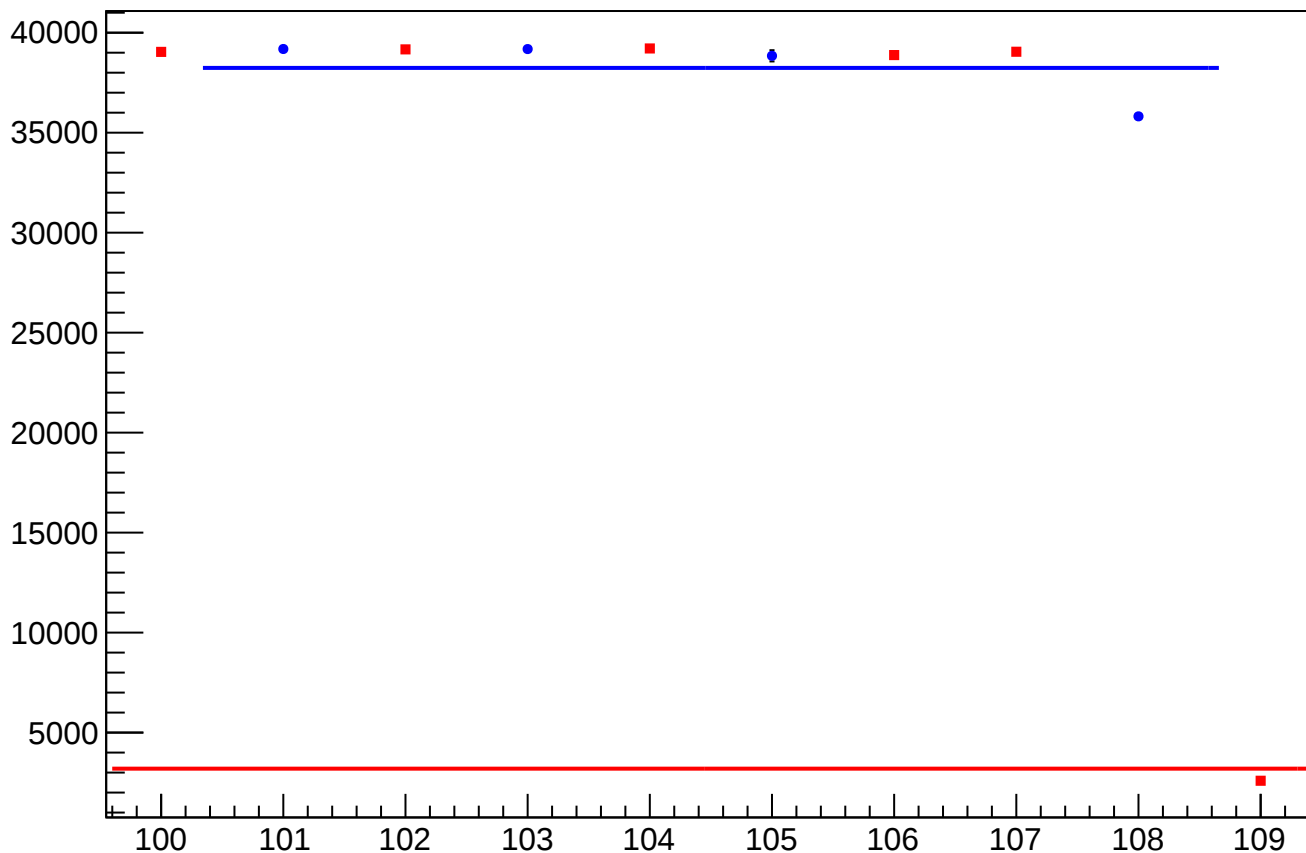
Right Out: -1.213+/-3.782 χ^2/NDF : 4.0/5

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

-30.556+/-30.809 χ^2/NDF : 1.5/3

-1.213+/-3.782 χ^2/NDF : 4.0/5

diff_bpm1p03aX_rms vs slug



Right In: 38239.344+/-21.785 χ^2/NDF : 4807.8/3

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

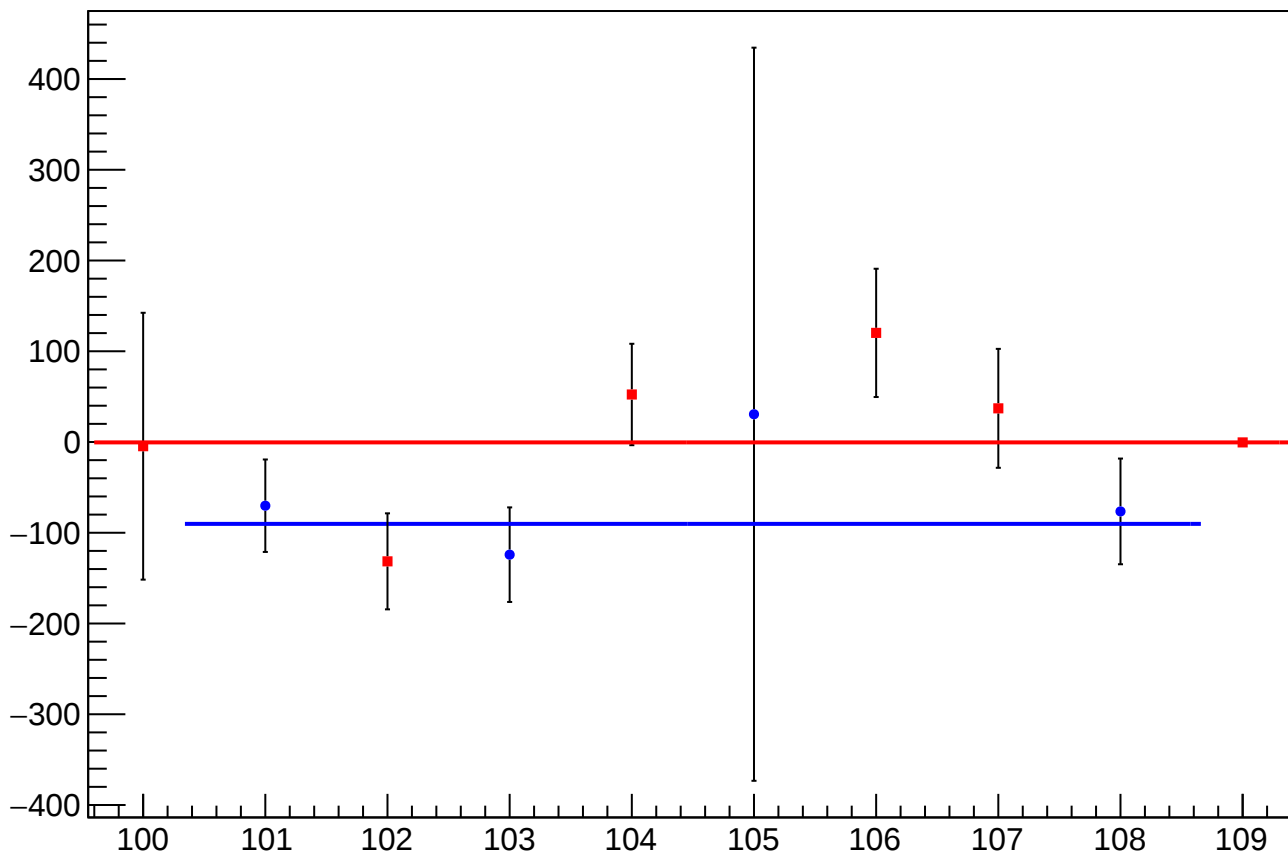
Right Out: 3196.185+/-2.675 χ^2/NDF : 3035165.1/5

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

38239.344+/-21.785 χ^2/NDF : 4807.8/3

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

diff_bpm1p03aY_mean vs slug



Right In: -90.213+/-30.793 χ^2 /NDF: 0.7/3

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

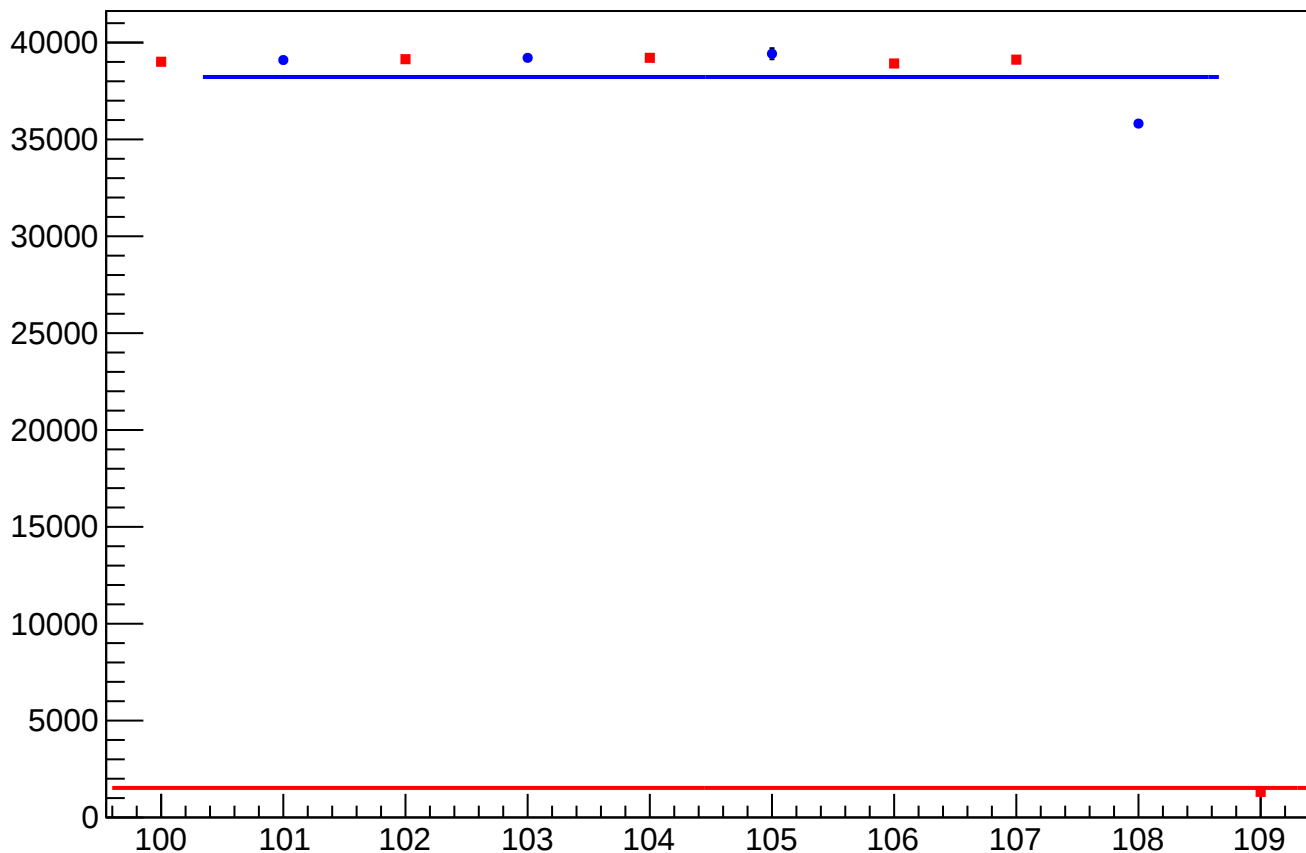
Right Out: -0.426+/-2.160 χ^2 /NDF: 10.3/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-90.213+/-30.793 χ^2 /NDF: 0.7/3

-0.426+/-2.160 χ^2 /NDF: 10.3/5

diff_bpm1p03aY_rms vs slug



Right In: 38221.559+/-21.774 χ^2/NDF : 4740.1/3

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

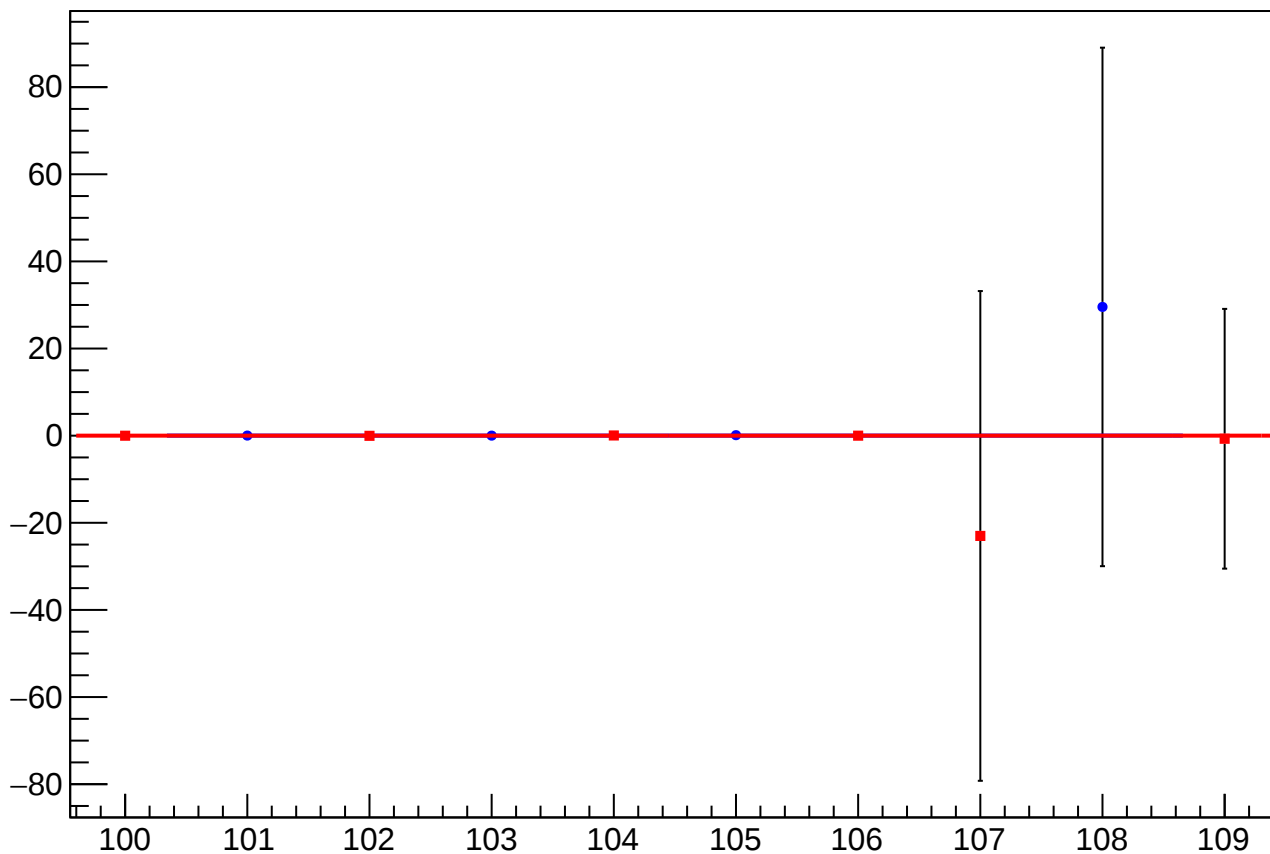
Right Out: 1524.382+/-1.527 χ^2/NDF : 3287082.9/5

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

38221.559+/-21.774 χ^2/NDF : 4740.1/3

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

diff_cav4bX_mean vs slug



Right In: 0.014 $\pm$ 0.017 χ^2 /NDF: 0.8/3

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

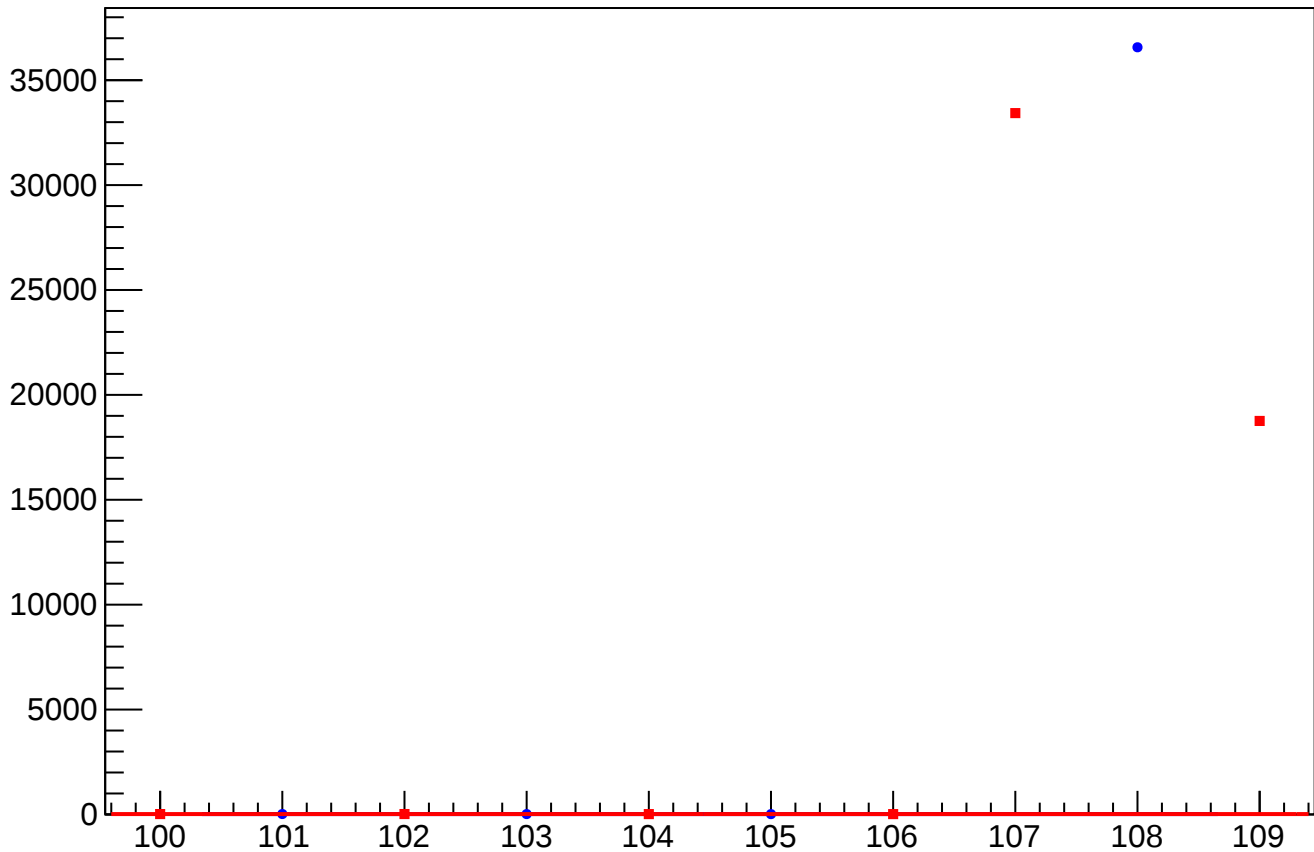
Right Out: 0.003 $\pm$ 0.016 χ^2 /NDF: 5.0/5

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

0.014 $\pm$ 0.017 χ^2 /NDF: 0.8/3

0.003 $\pm$ 0.016 χ^2 /NDF: 5.0/5

diff_cav4bX_rms vs slug



Right In: 18.529+/-0.012 χ^2 /NDF: 766956.4/3

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

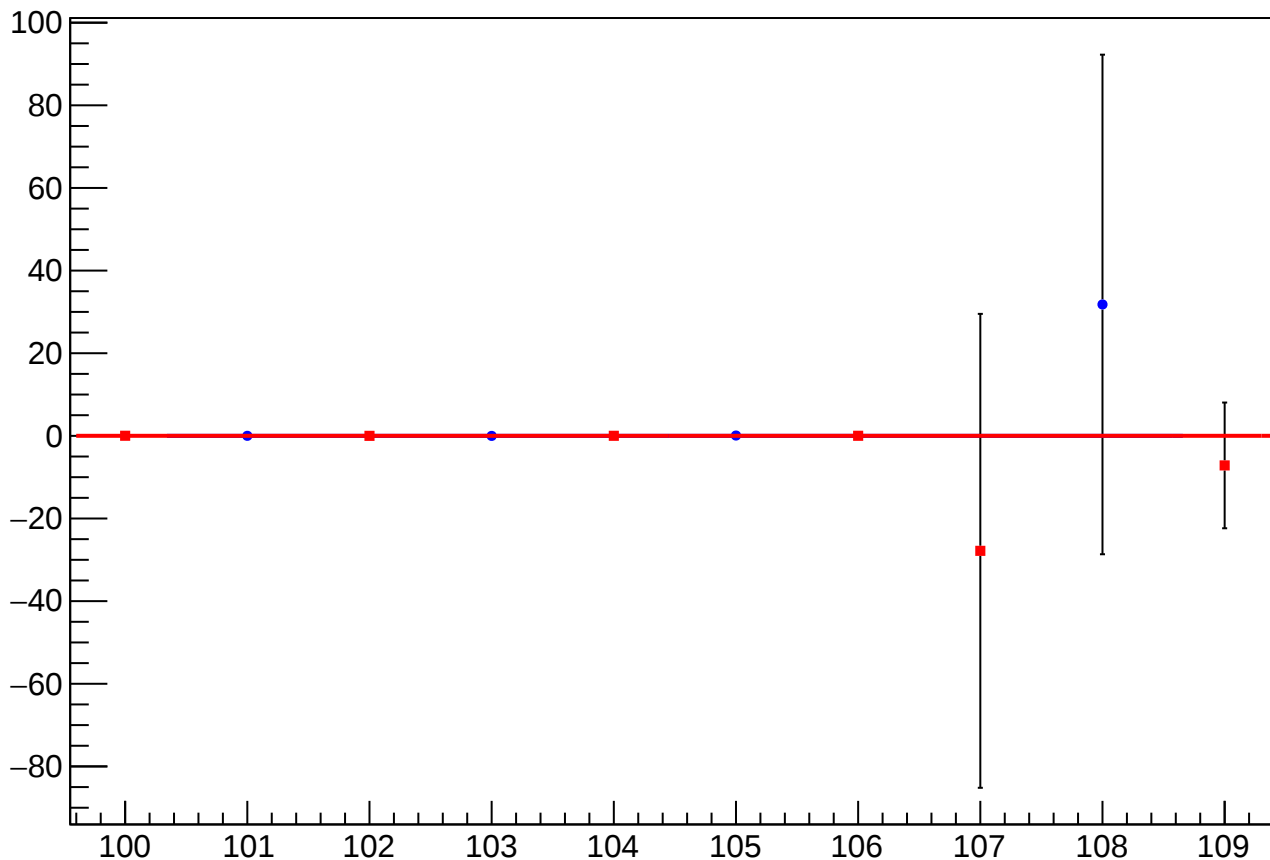
18.529+/-0.012 χ^2 /NDF: 766956.4/3

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

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

18.250+/-0.011 χ^2 /NDF: 1509601.8/5

diff_cav4bY_mean vs slug



Right In: 0.002 $\pm$ 0.009 χ^2 /NDF: 2.3/3

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

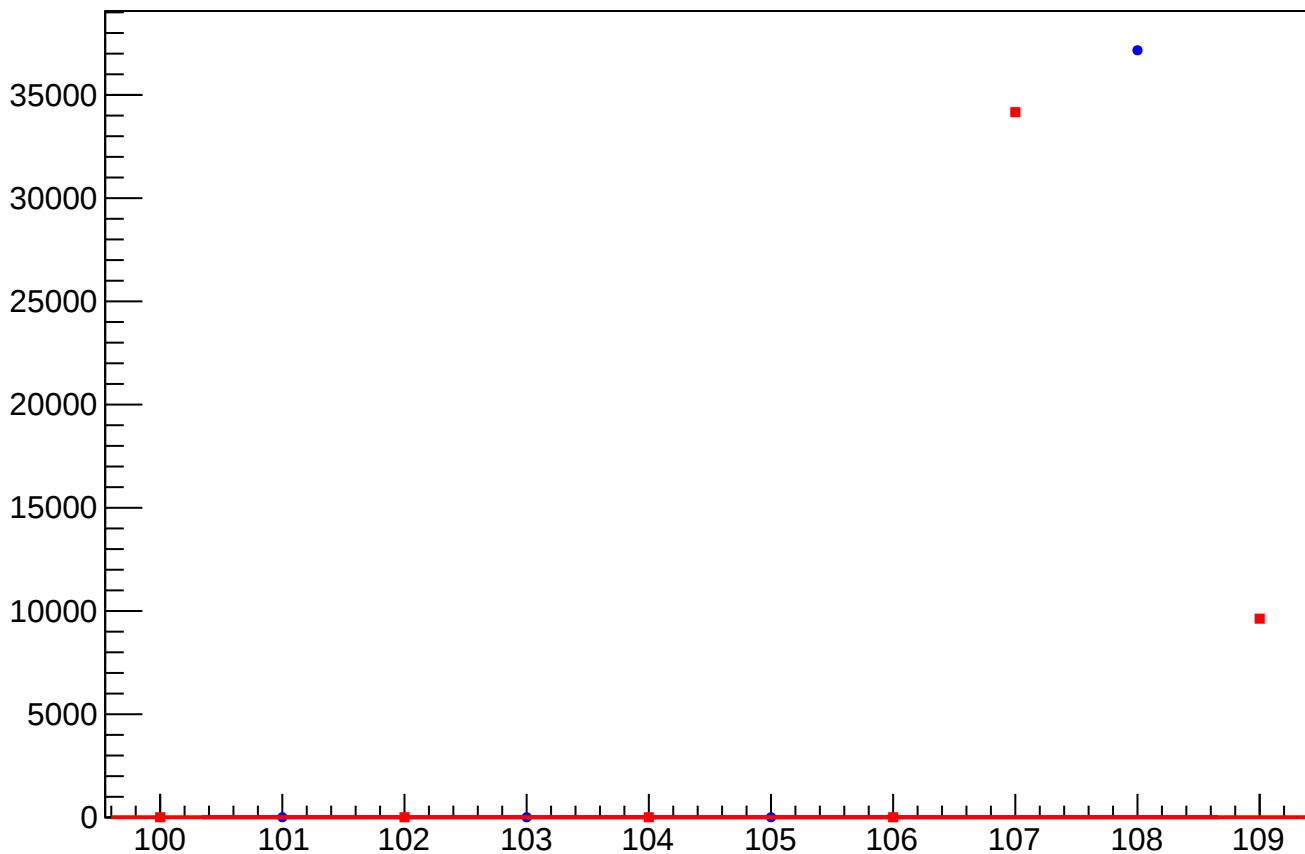
Right Out: 0.014 $\pm$ 0.009 χ^2 /NDF: 1.2/5

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

0.002 $\pm$ 0.009 χ^2 /NDF: 2.3/3

0.014 $\pm$ 0.009 χ^2 /NDF: 1.2/5

diff_cav4bY_rms vs slug



Right In: 9.836+/-0.006 χ^2/NDF : 767072.7/3

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

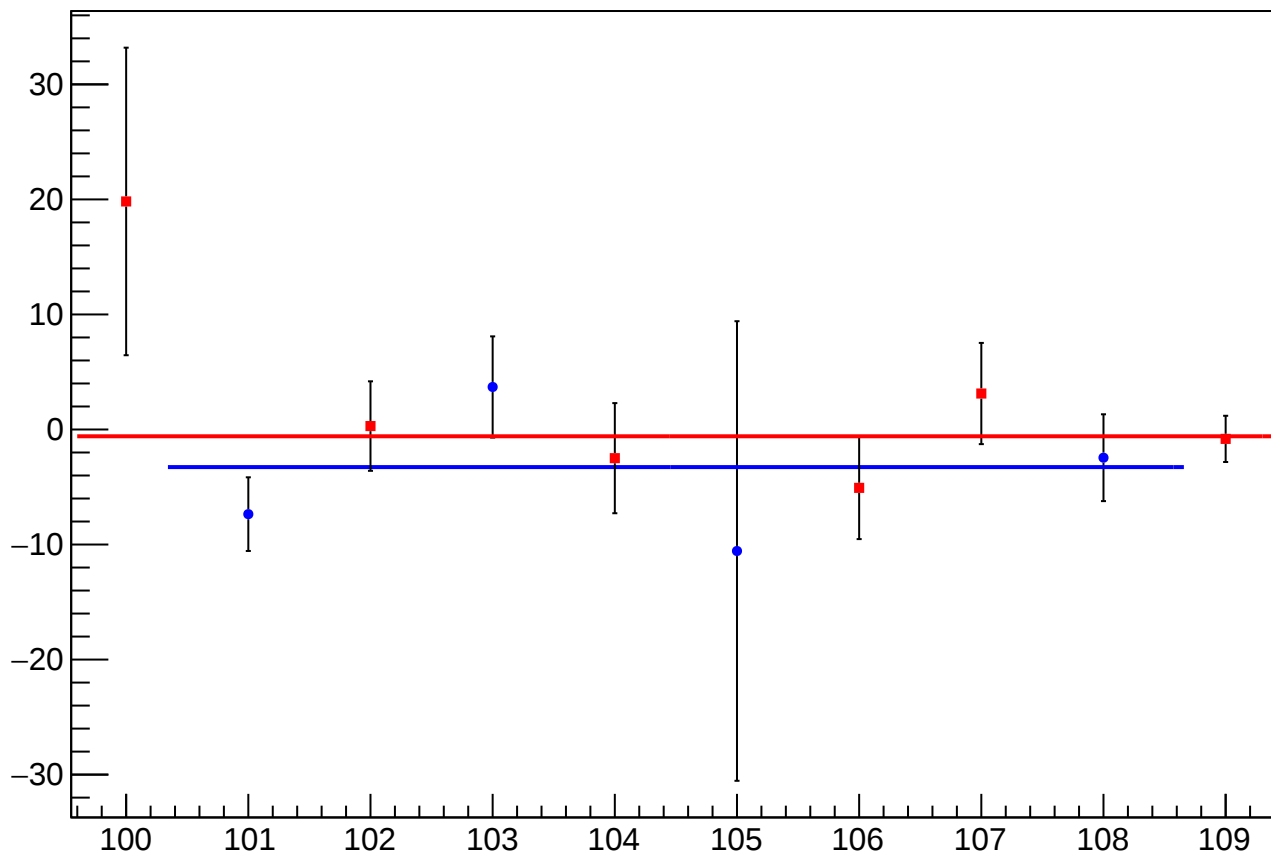
Right Out: 9.784+/-0.006 χ^2/NDF : 1522812.7/5

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

9.836+/-0.006 χ^2/NDF : 767072.7/3

9.784+/-0.006 χ^2/NDF : 1522812.7/5

diff_cav4cX_mean vs slug



Right In: -3.268+/-2.122 χ^2/NDF : 4.3/3

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

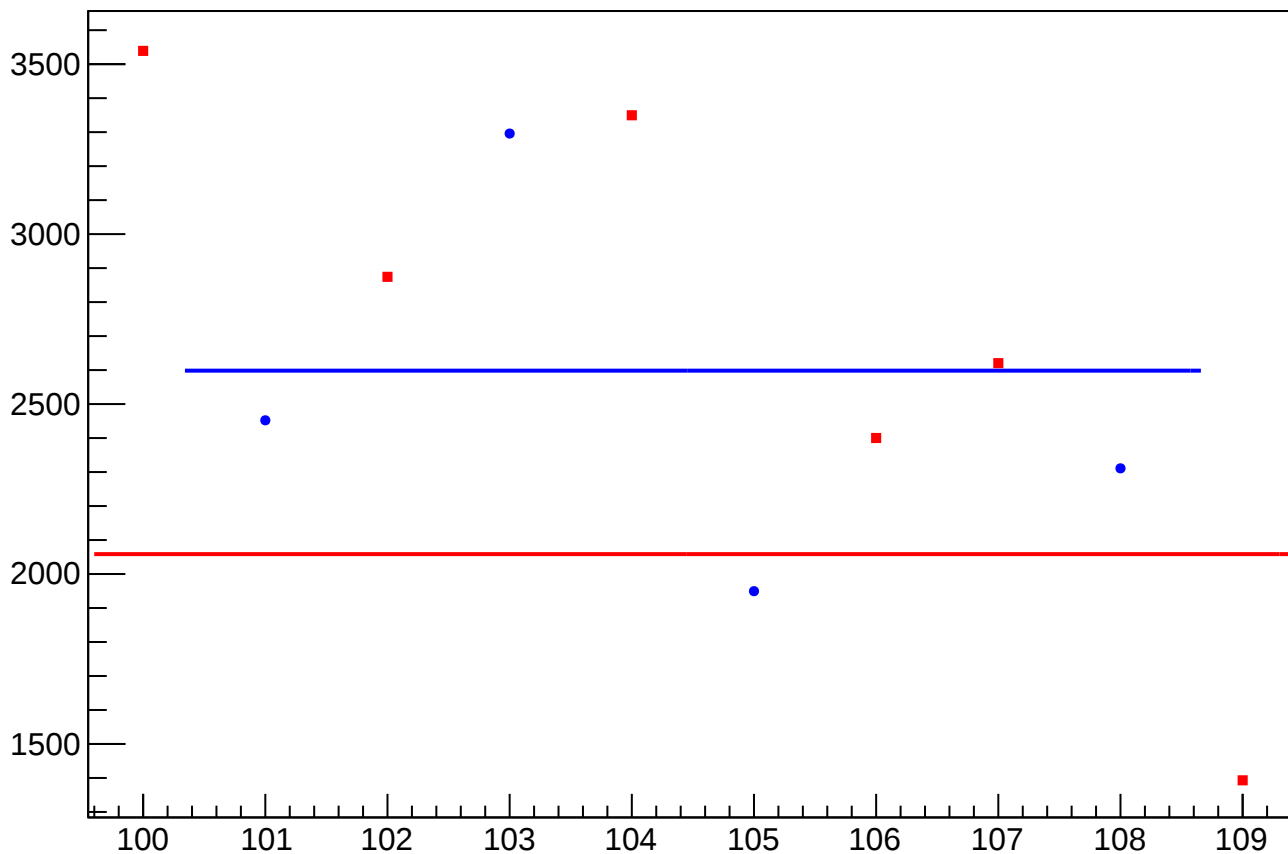
Right Out: -0.590+/-1.466 χ^2/NDF : 4.3/5

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

-3.268+/-2.122 χ^2/NDF : 4.3/3

-0.590+/-1.466 χ^2/NDF : 4.3/5

diff_cav4cX_rms vs slug



Right In: 2598.303 $\pm$ 1.501 χ^2 /NDF: 68178.0/3

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

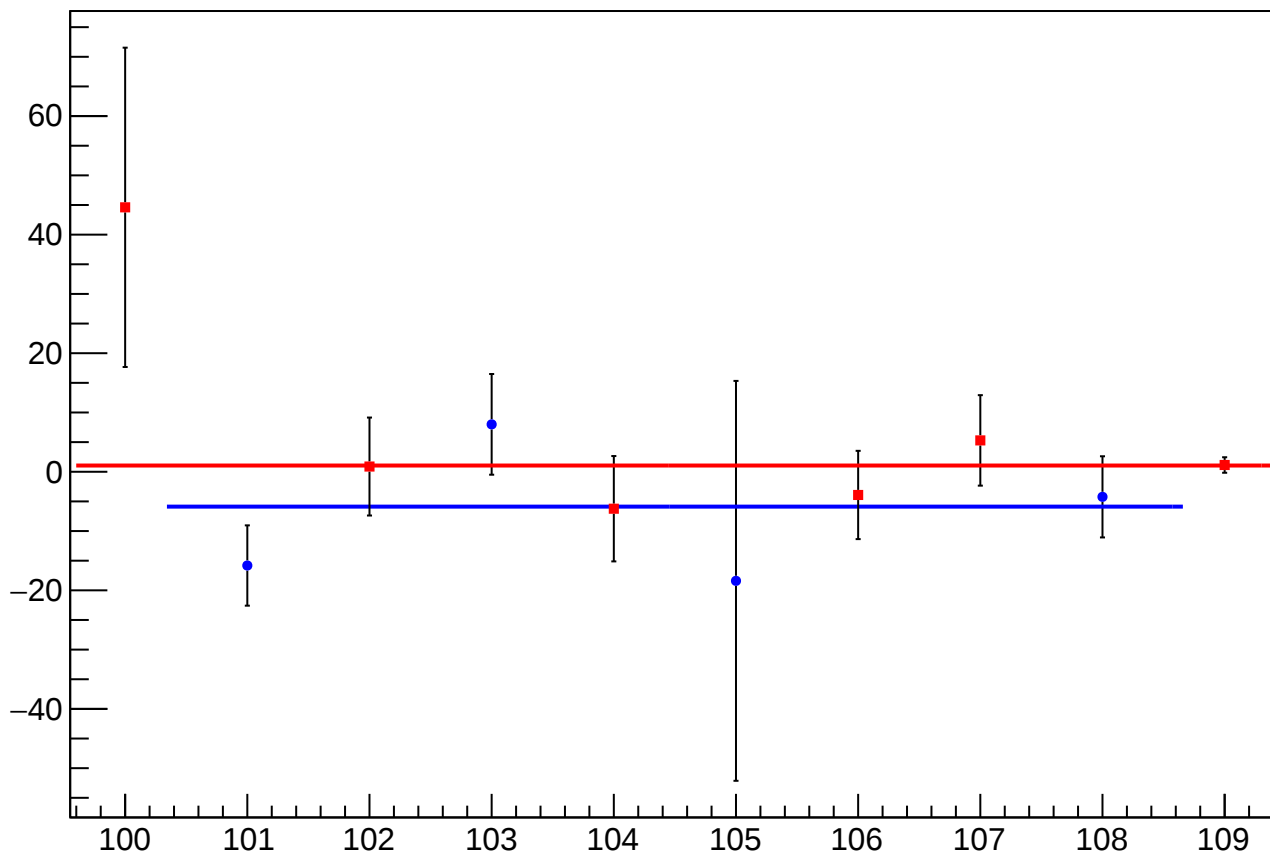
Right Out: 2058.531 $\pm$ 1.037 χ^2 /NDF: 521770.7/5

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

2598.303 $\pm$ 1.501 χ^2 /NDF: 68178.0/3

2058.531 $\pm$ 1.037 χ^2 /NDF: 521770.7/5

diff_cav4cY_mean vs slug



Right In: -5.879+/-4.157 χ^2/NDF : 5.0/3

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

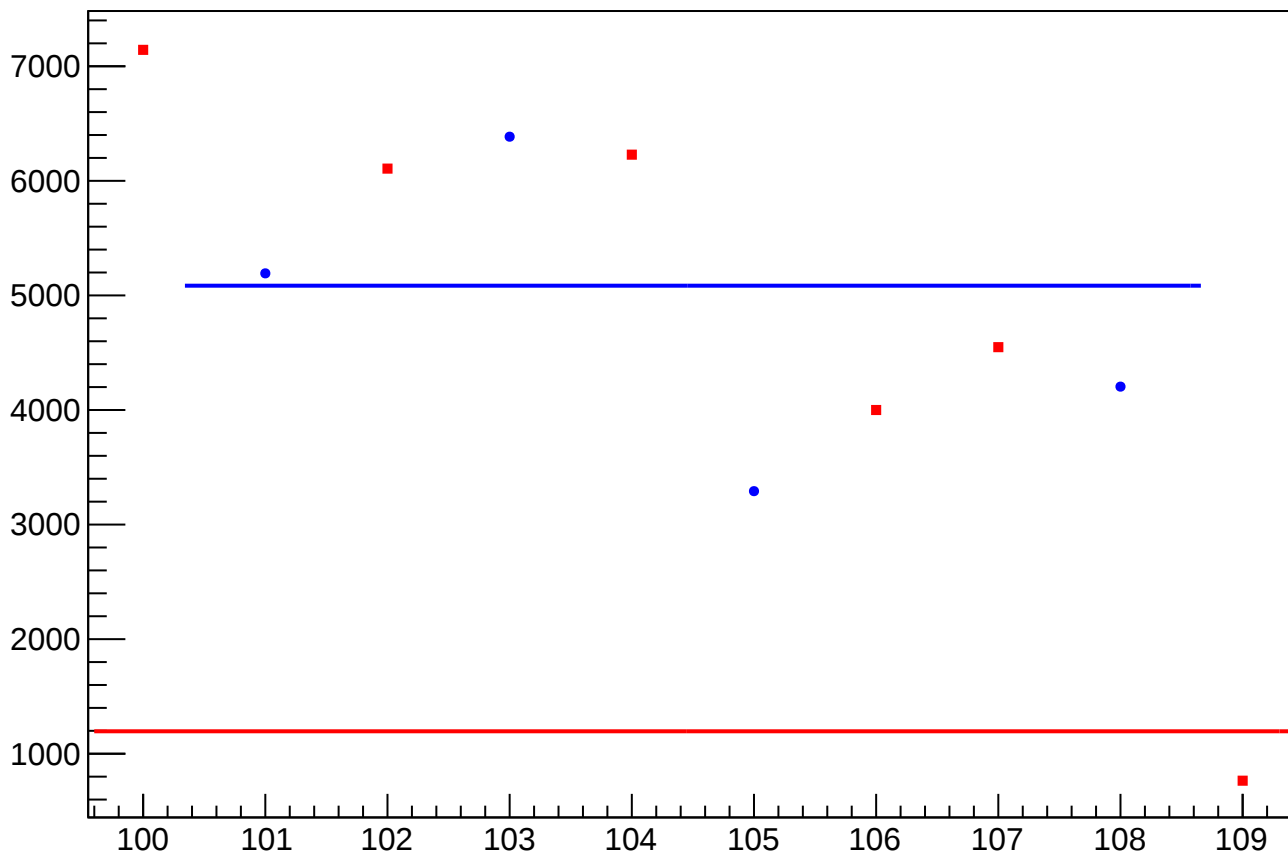
Right Out: 1.053+/-1.242 χ^2/NDF : 4.0/5

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

-5.879+/-4.157 χ^2/NDF : 5.0/3

1.053+/-1.242 χ^2/NDF : 4.0/5

diff_cav4cY_rms vs slug



Right In: 5084.900 $\pm$ 2.939 χ^2 /NDF: 86161.2/3

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

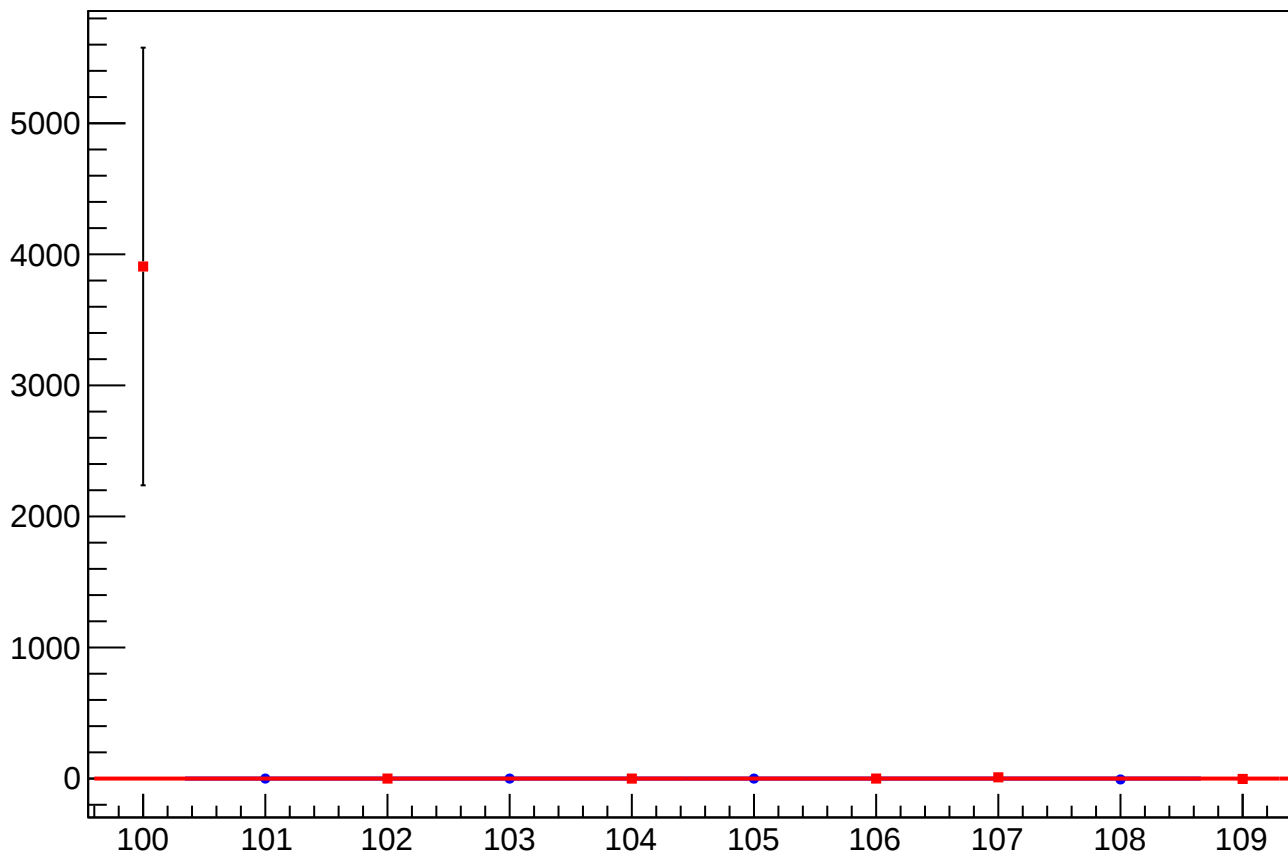
Right Out: 1195.900 $\pm$ 0.878 χ^2 /NDF: 2332196.1/5

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

5084.900 $\pm$ 2.939 χ^2 /NDF: 86161.2/3

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

diff_cav4dX_mean vs slug



Right In: -0.023+/-0.021 χ^2/NDF : 1.4/3

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

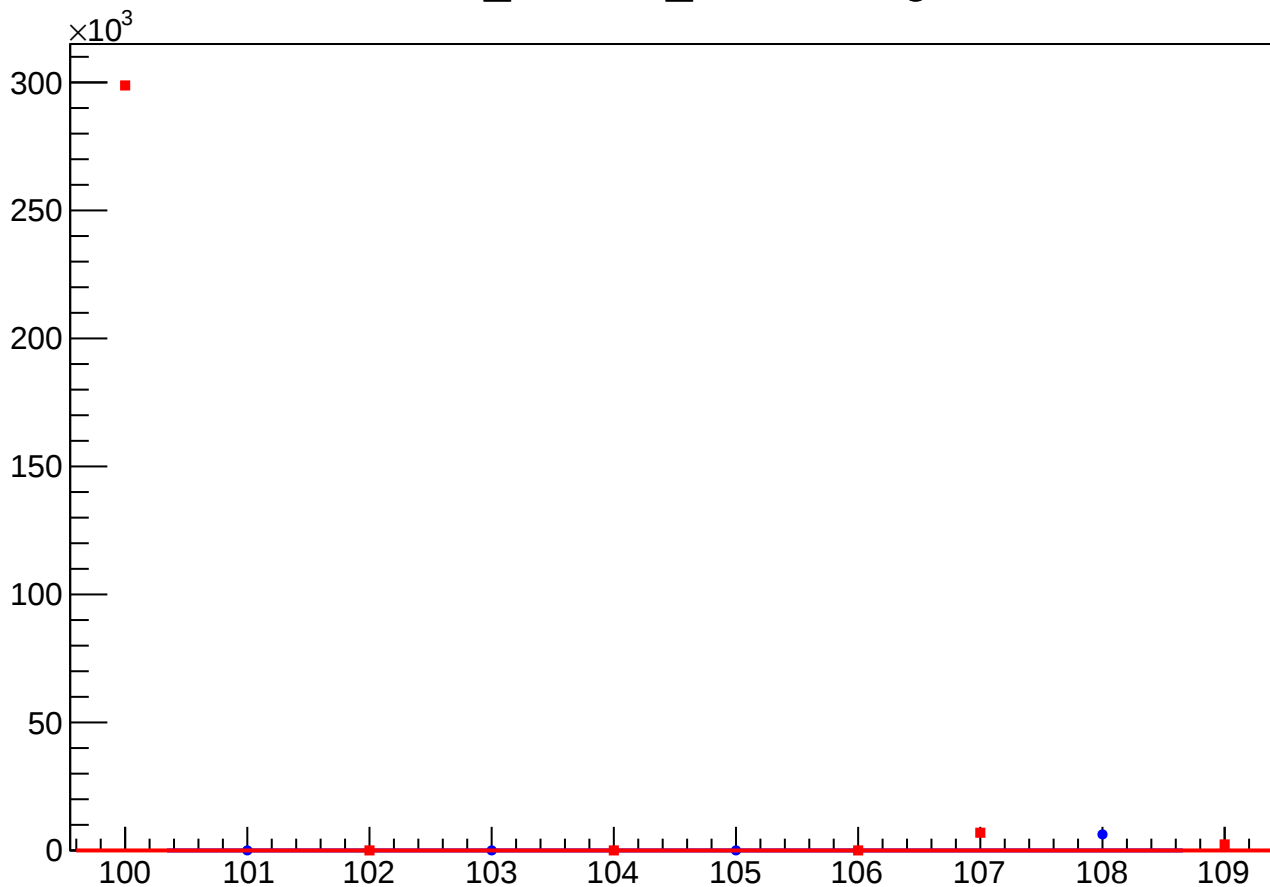
Right Out: -0.027+/-0.020 χ^2/NDF : 7.3/5

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

-0.023+/-0.021 χ^2/NDF : 1.4/3

-0.027+/-0.020 χ^2/NDF : 7.3/5

diff_cav4dX_rms vs slug



Right In: 16.919 $\pm$ 0.015 χ^2 /NDF: 747790.1/3

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

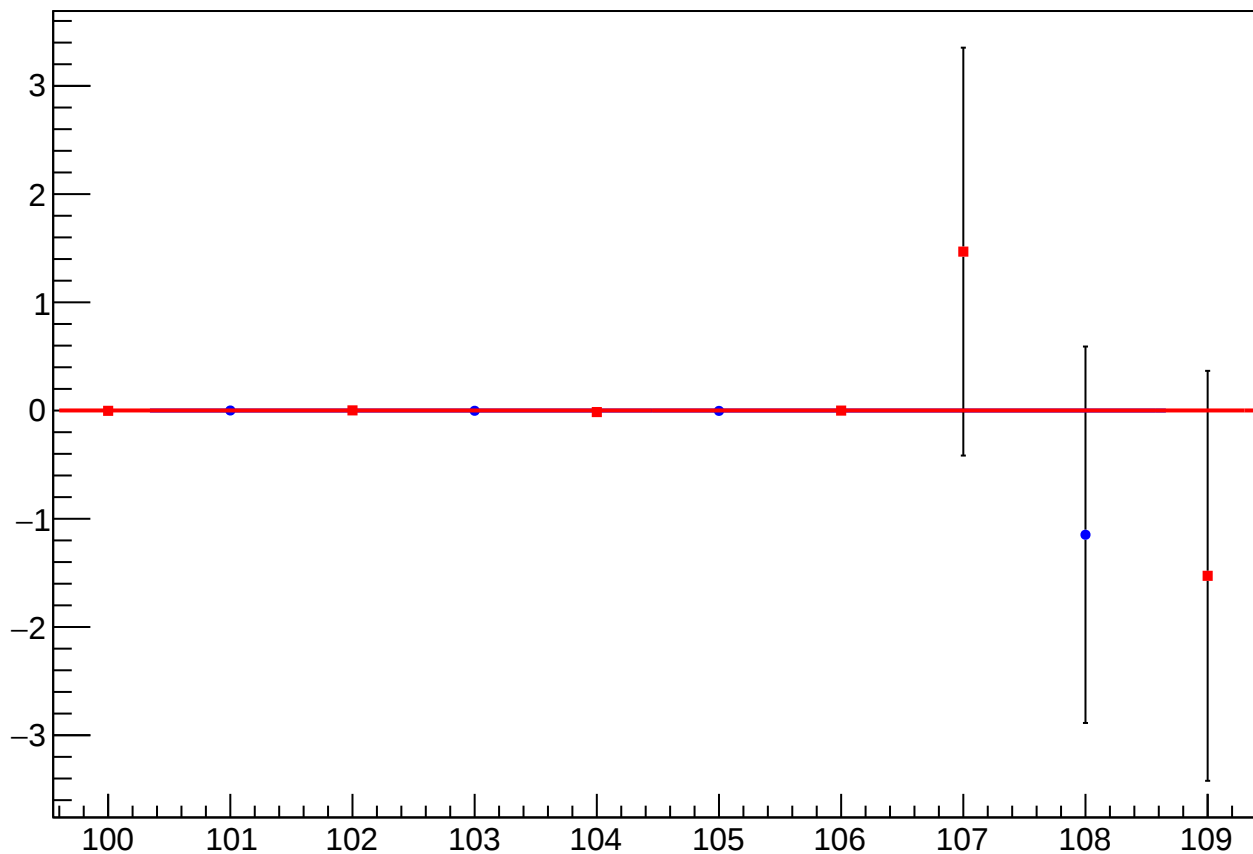
Right Out: 16.992 $\pm$ 0.014 χ^2 /NDF: 1248480.4/5

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

16.919 $\pm$ 0.015 χ^2 /NDF: 747790.1/3

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

diff_cav4dY_mean vs slug



Right In: 0.000+/-0.002 χ^2/NDF : 0.7/3

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

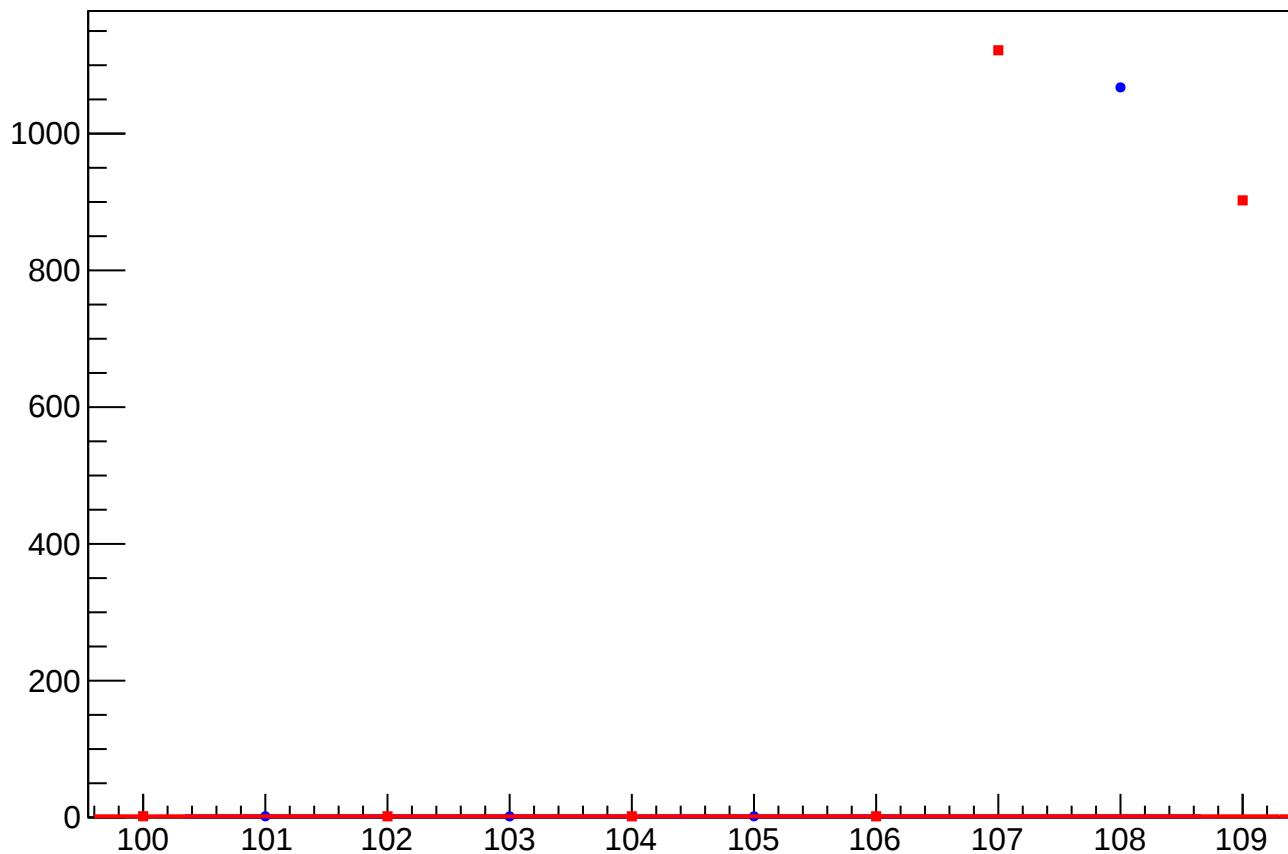
Right Out: 0.001+/-0.002 χ^2/NDF : 2.2/5

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

0.000+/-0.002 χ^2/NDF : 0.7/3

0.001+/-0.002 χ^2/NDF : 2.2/5

diff_cav4dY_rms vs slug



Right In: 1.646 $\pm$ 0.001 χ^2 /NDF: 752050.5/3

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

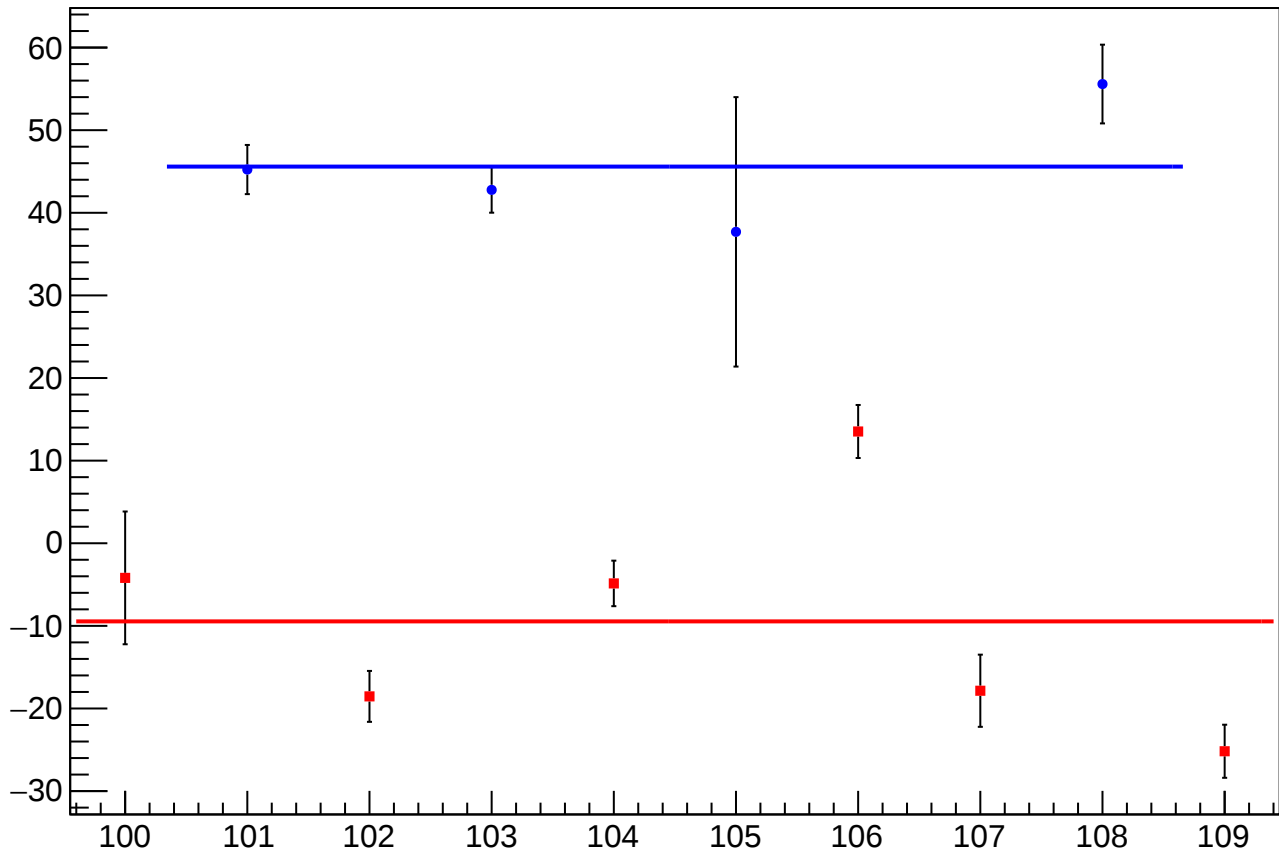
Right Out: 1.682 $\pm$ 0.001 χ^2 /NDF: 1159071.5/5

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

1.646 $\pm$ 0.001 χ^2 /NDF: 752050.5/3

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

diff_bpm0i01X_mean vs slug



Right In: 45.592+/-1.851 χ^2/NDF : 5.7/3

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

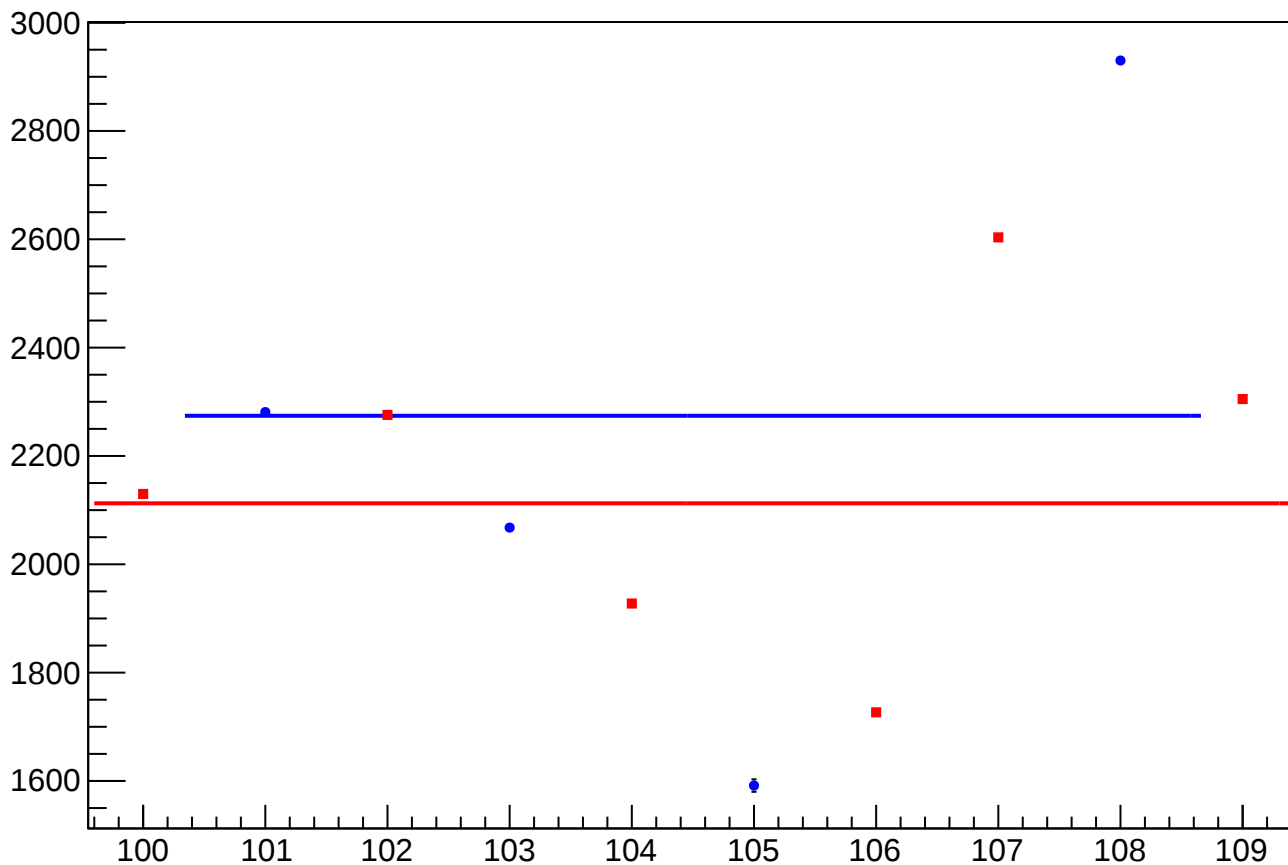
Right Out: -9.458+/-1.416 χ^2/NDF : 90.8/5

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

45.592+/-1.851 χ^2/NDF : 5.7/3

-9.458+/-1.416 χ^2/NDF : 90.8/5

diff_bpm0i01X_rms vs slug



Right In: 2274.198 $\pm$ 1.309 χ^2 /NDF: 52582.3/3

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

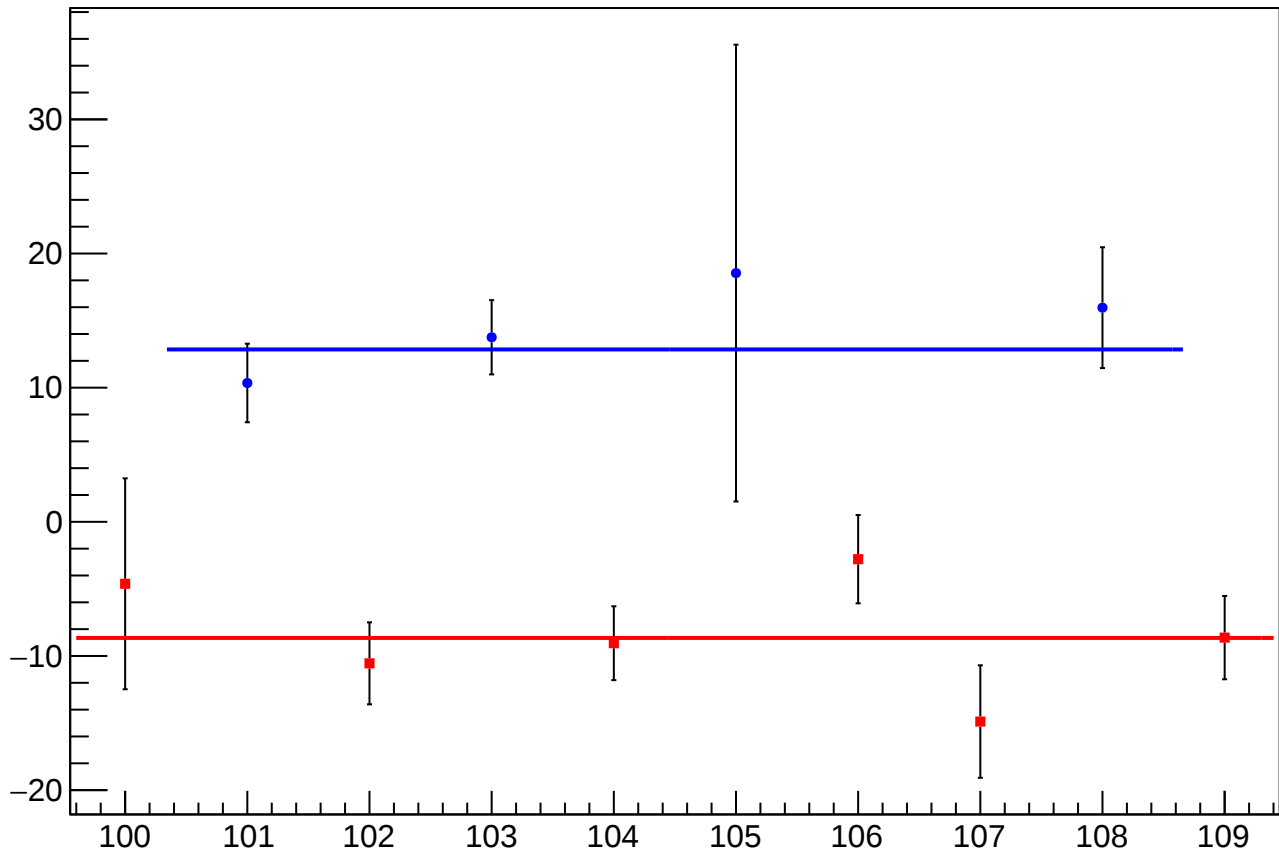
Right Out: 2112.585 $\pm$ 1.001 χ^2 /NDF: 75981.2/5

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

2274.198 $\pm$ 1.309 χ^2 /NDF: 52582.3/3

2112.585 $\pm$ 1.001 χ^2 /NDF: 75981.2/5

diff_bpm0i01Y_mean vs slug



Right In: 12.850+/-1.826 χ^2/NDF : 1.4/3

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

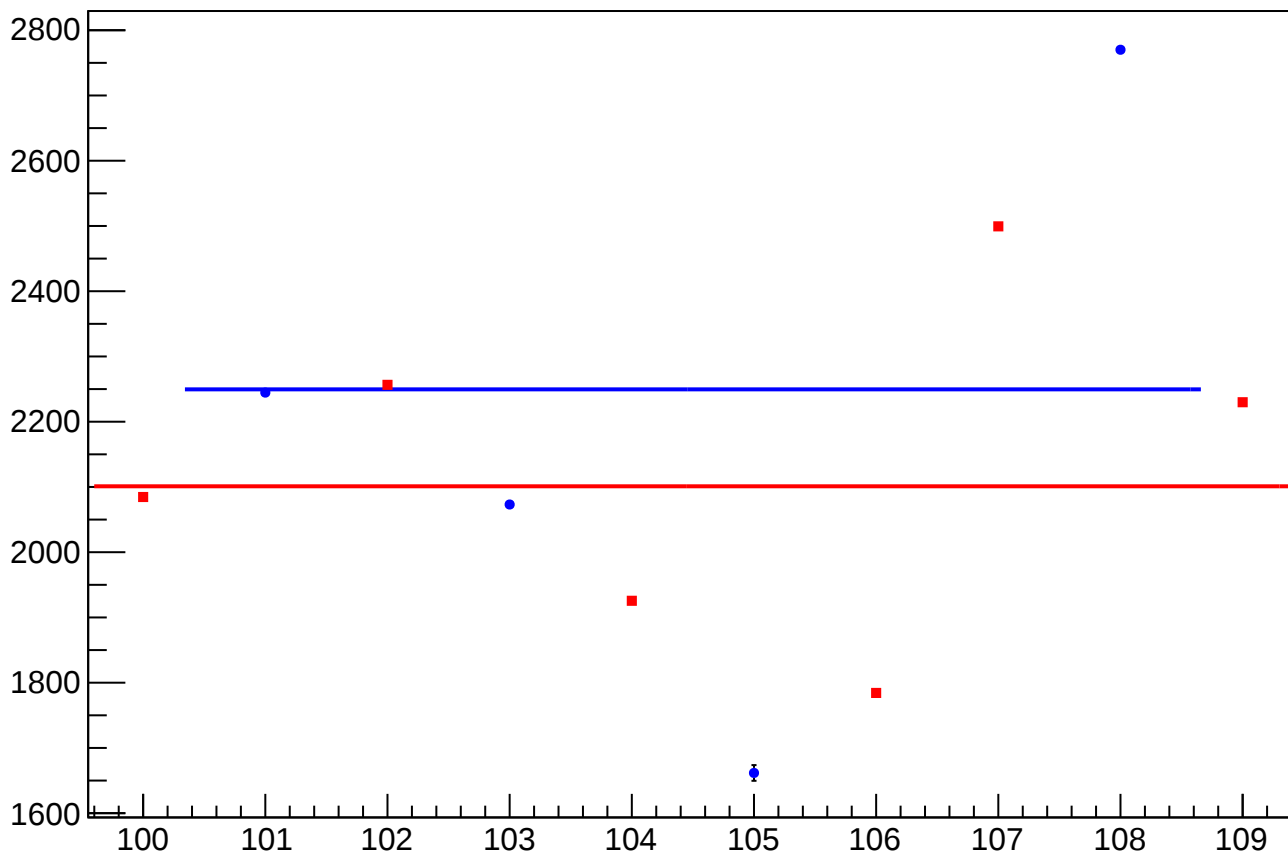
Right Out: -8.654+/-1.403 χ^2/NDF : 6.1/5

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

12.850+/-1.826 χ^2/NDF : 1.4/3

-8.654+/-1.403 χ^2/NDF : 6.1/5

diff_bpm0i01Y_rms vs slug



Right In: 2249.586 $\pm$ 1.291 χ^2 /NDF: 37224.7/3

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

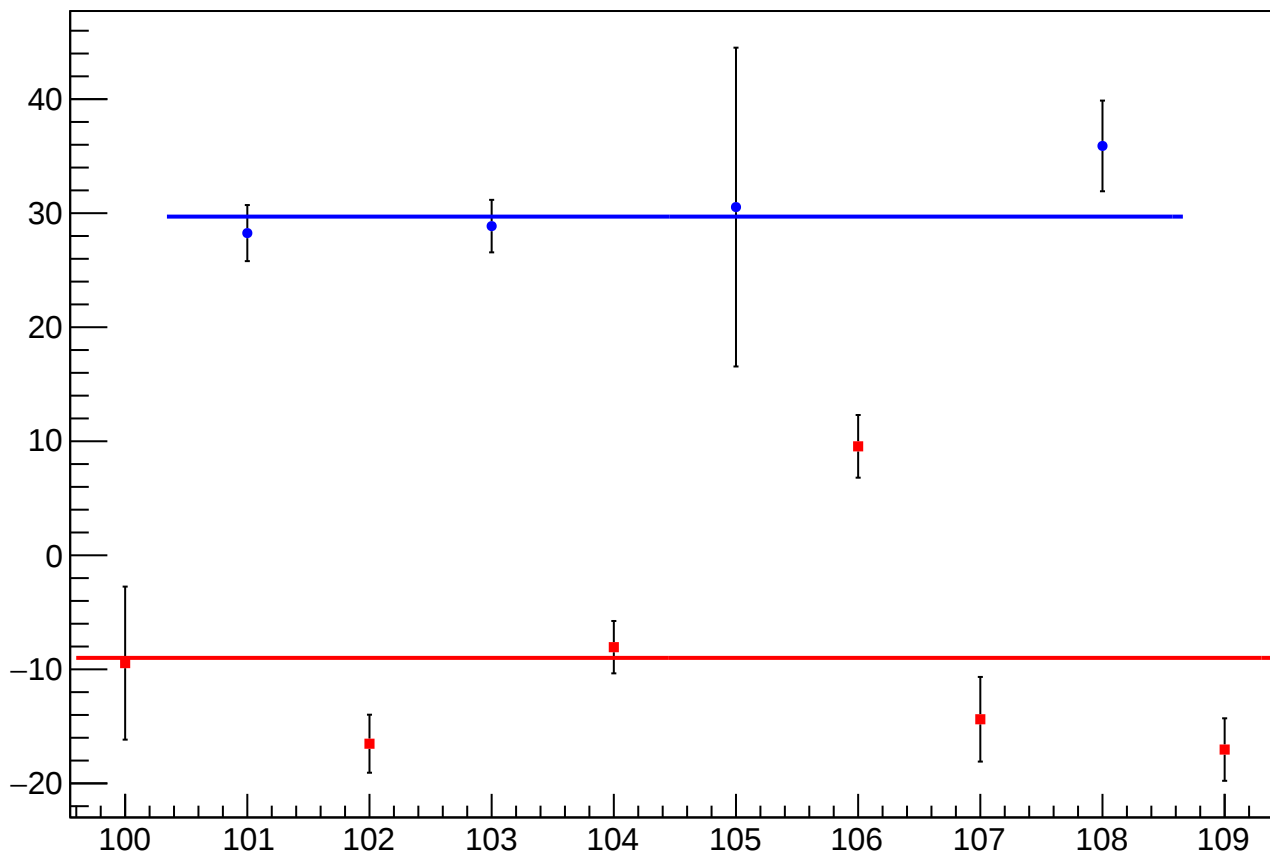
Right Out: 2101.015 $\pm$ 0.992 χ^2 /NDF: 53345.1/5

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

2249.586 $\pm$ 1.291 χ^2 /NDF: 37224.7/3

2101.015 $\pm$ 0.992 χ^2 /NDF: 53345.1/5

diff_bpm0i01aX_mean vs slug



Right In: 29.700+/-1.539 χ^2/NDF : 2.9/3

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

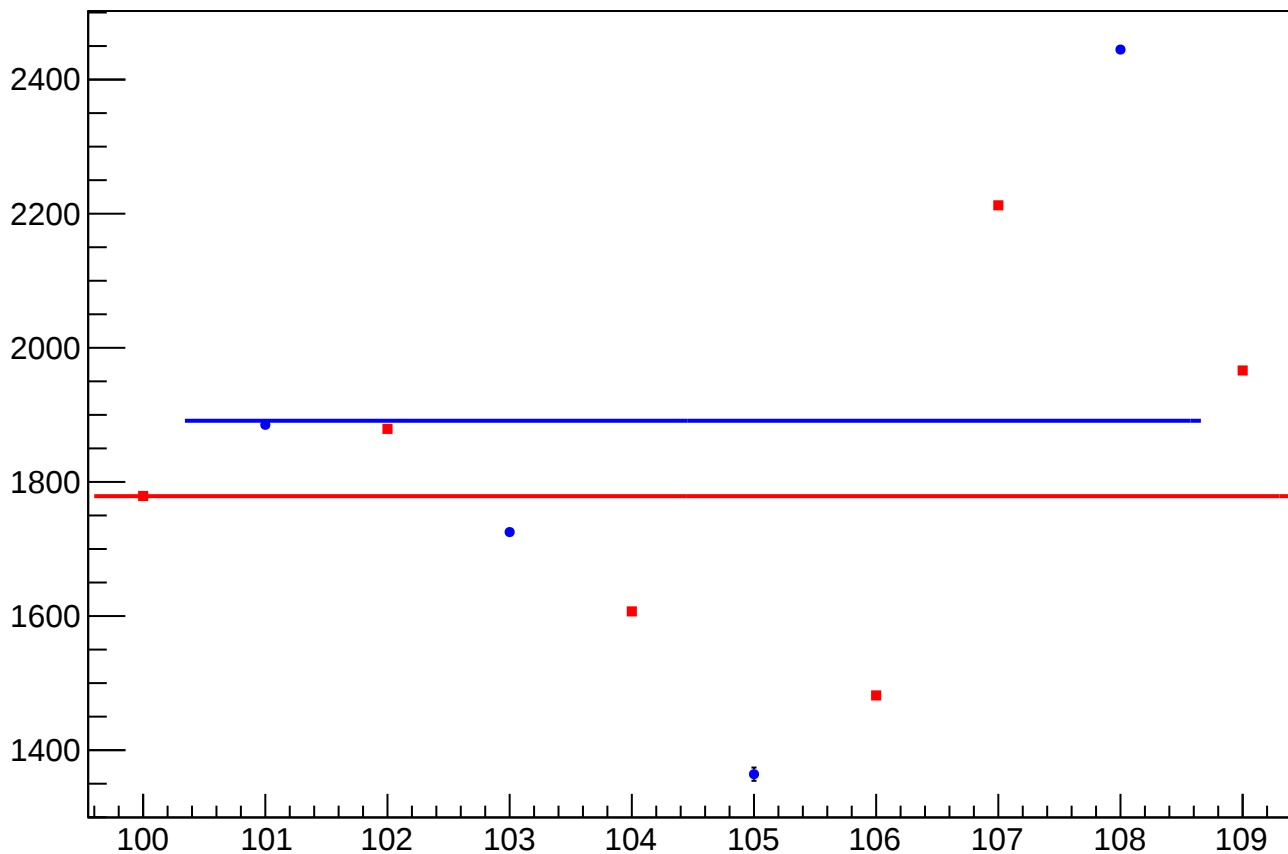
Right Out: -8.996+/-1.191 χ^2/NDF : 65.2/5

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

29.700+/-1.539 χ^2/NDF : 2.9/3

-8.996+/-1.191 χ^2/NDF : 65.2/5

diff_bpm0i01aX_rms vs slug



Right In: 1891.231 $\pm$ 1.088 χ^2 /NDF: 52015.2/3

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

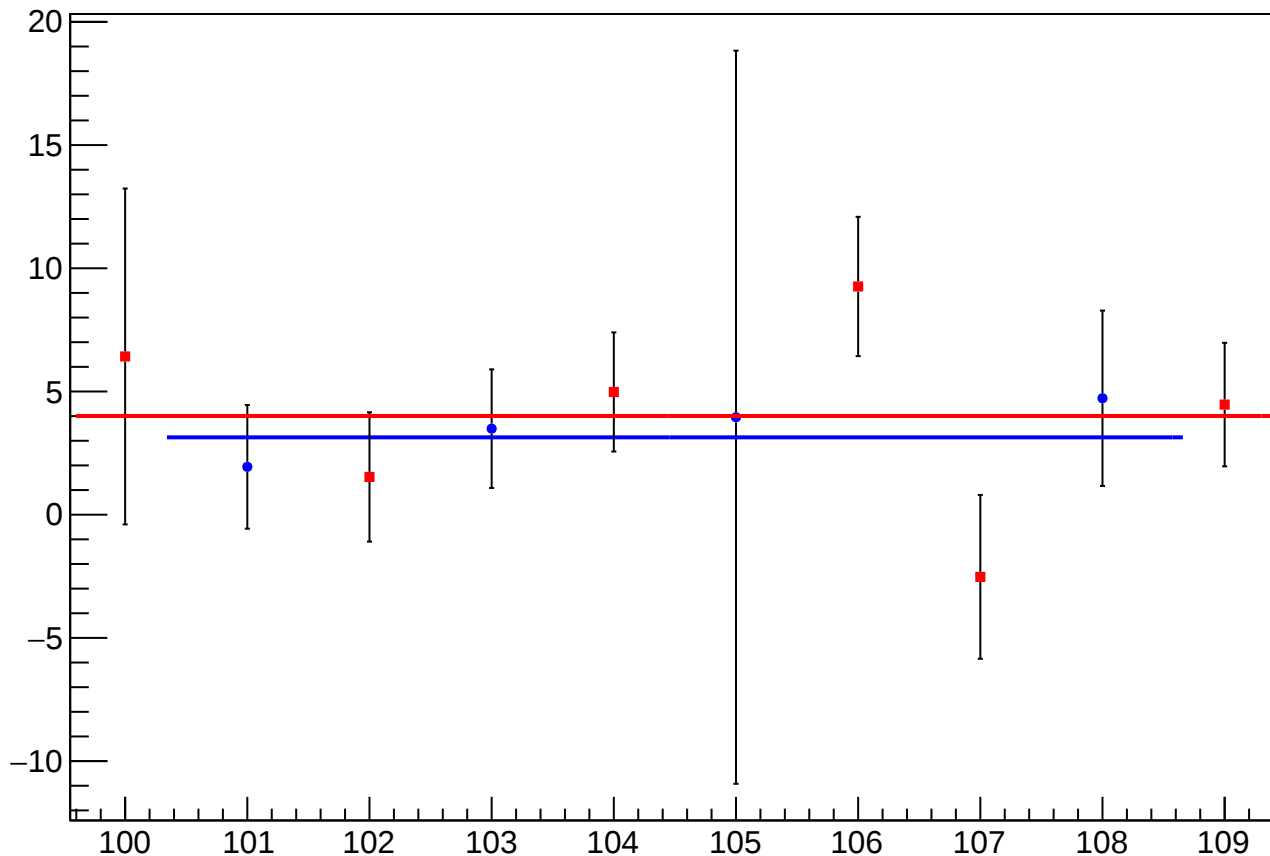
Right Out: 1778.783 $\pm$ 0.842 χ^2 /NDF: 74363.7/5

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

1891.231 $\pm$ 1.088 χ^2 /NDF: 52015.2/3

1778.783 $\pm$ 0.842 χ^2 /NDF: 74363.7/5

diff_bpm0i01aY_mean vs slug



Right In: 3.139+/-1.553 χ^2/NDF : 0.5/3

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

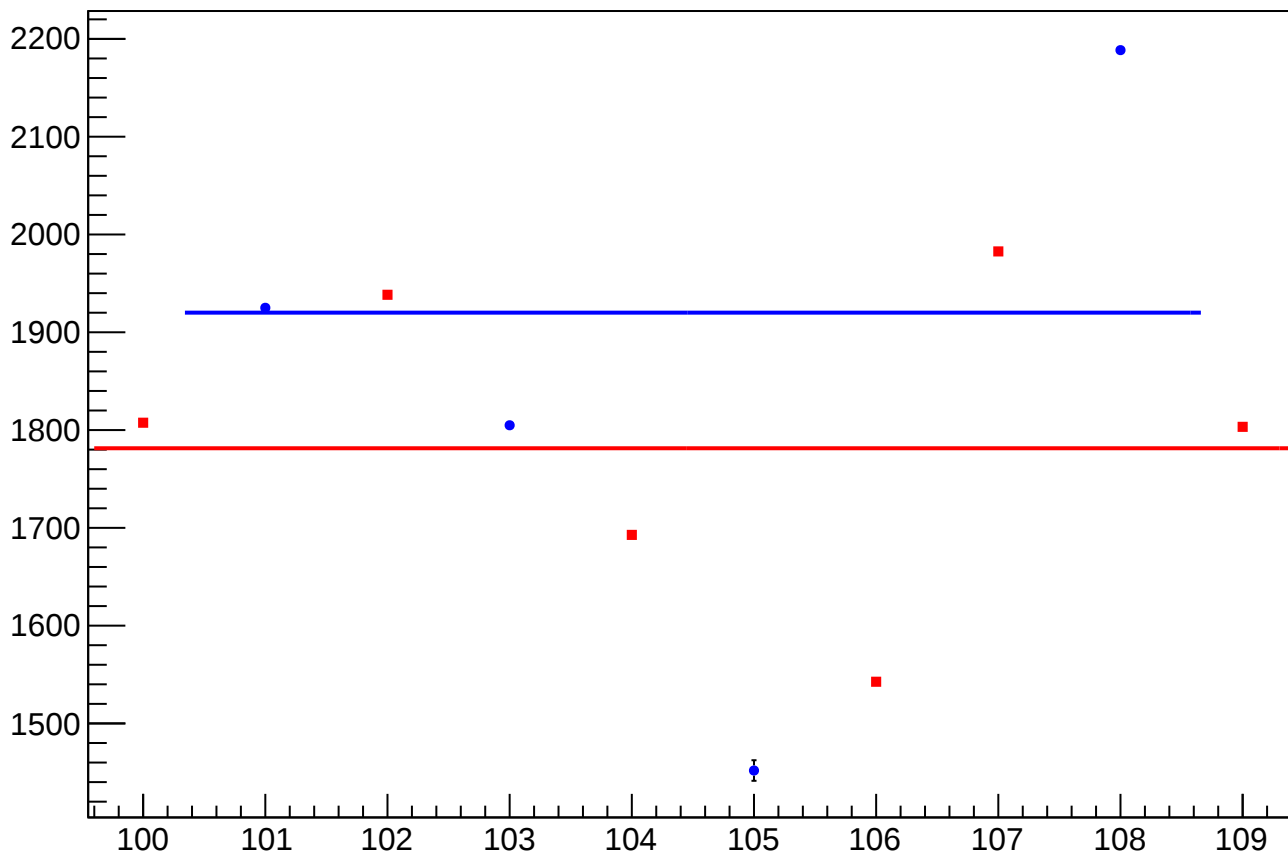
Right Out: 4.007+/-1.184 χ^2/NDF : 8.5/5

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

3.139+/-1.553 χ^2/NDF : 0.5/3

4.007+/-1.184 χ^2/NDF : 8.5/5

diff_bpm0i01aY_rms vs slug



Right In: 1920.075 $\pm$ 1.098 χ^2 /NDF: 17951.1/3

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

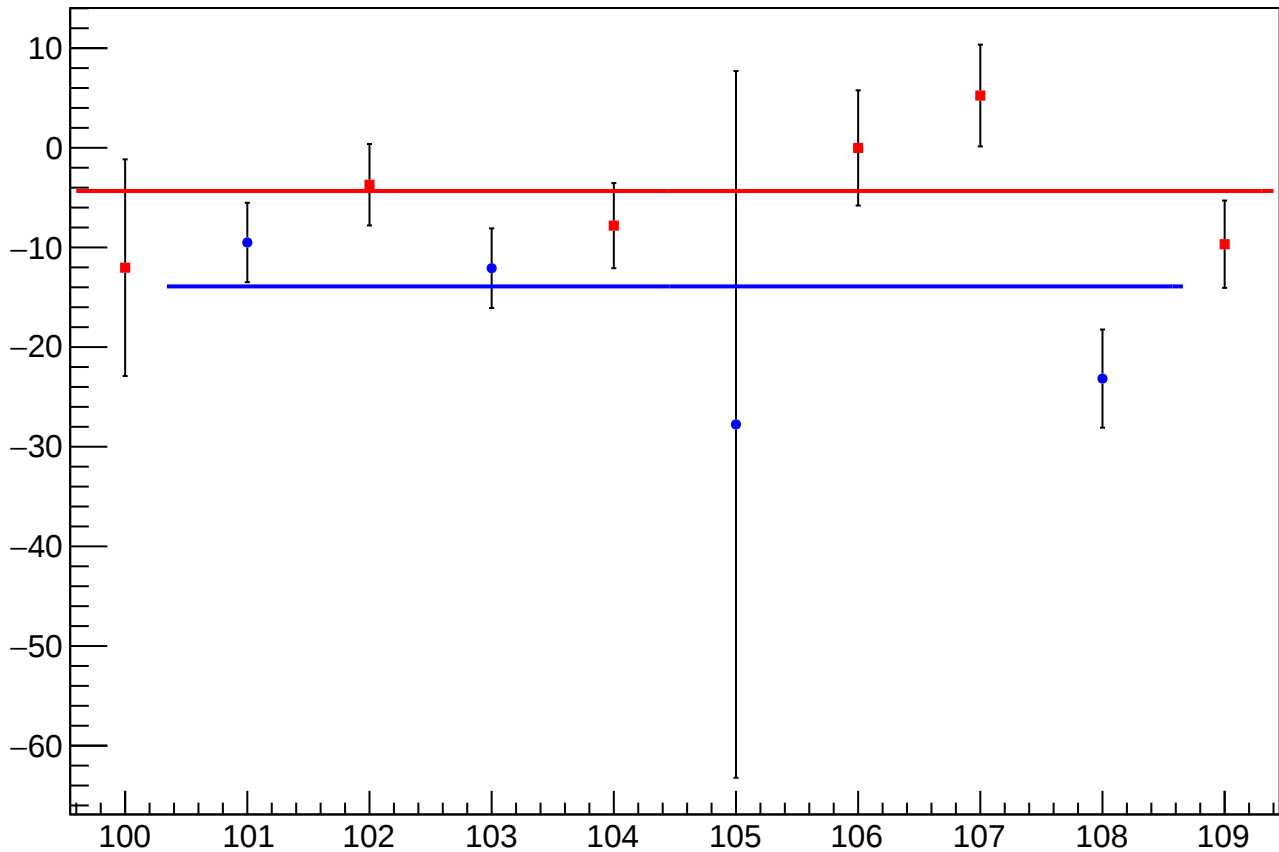
Right Out: 1781.397 $\pm$ 0.838 χ^2 /NDF: 31630.1/5

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

1920.075 $\pm$ 1.098 χ^2 /NDF: 17951.1/3

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

diff_bpm0l01X_mean vs slug



Right In: -13.911 $\pm$ 2.442 χ^2 /NDF: 5.1/3

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

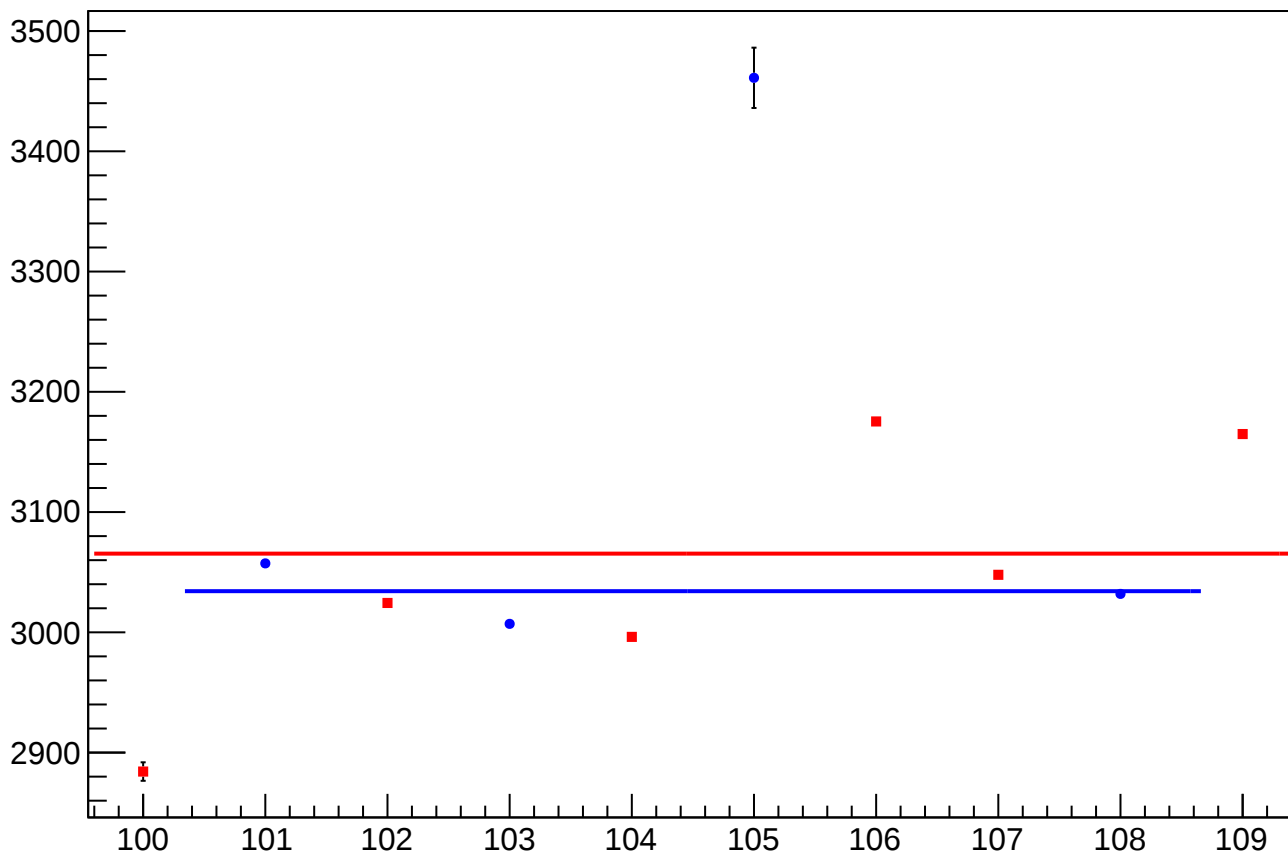
Right Out: -4.333 $\pm$ 2.027 χ^2 /NDF: 6.7/5

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

-13.911 $\pm$ 2.442 χ^2 /NDF: 5.1/3

-4.333 $\pm$ 2.027 χ^2 /NDF: 6.7/5

diff_bpm0l01X_rms vs slug



Right In: 3034.221+/-1.727 χ^2/NDF : 449.9/3

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

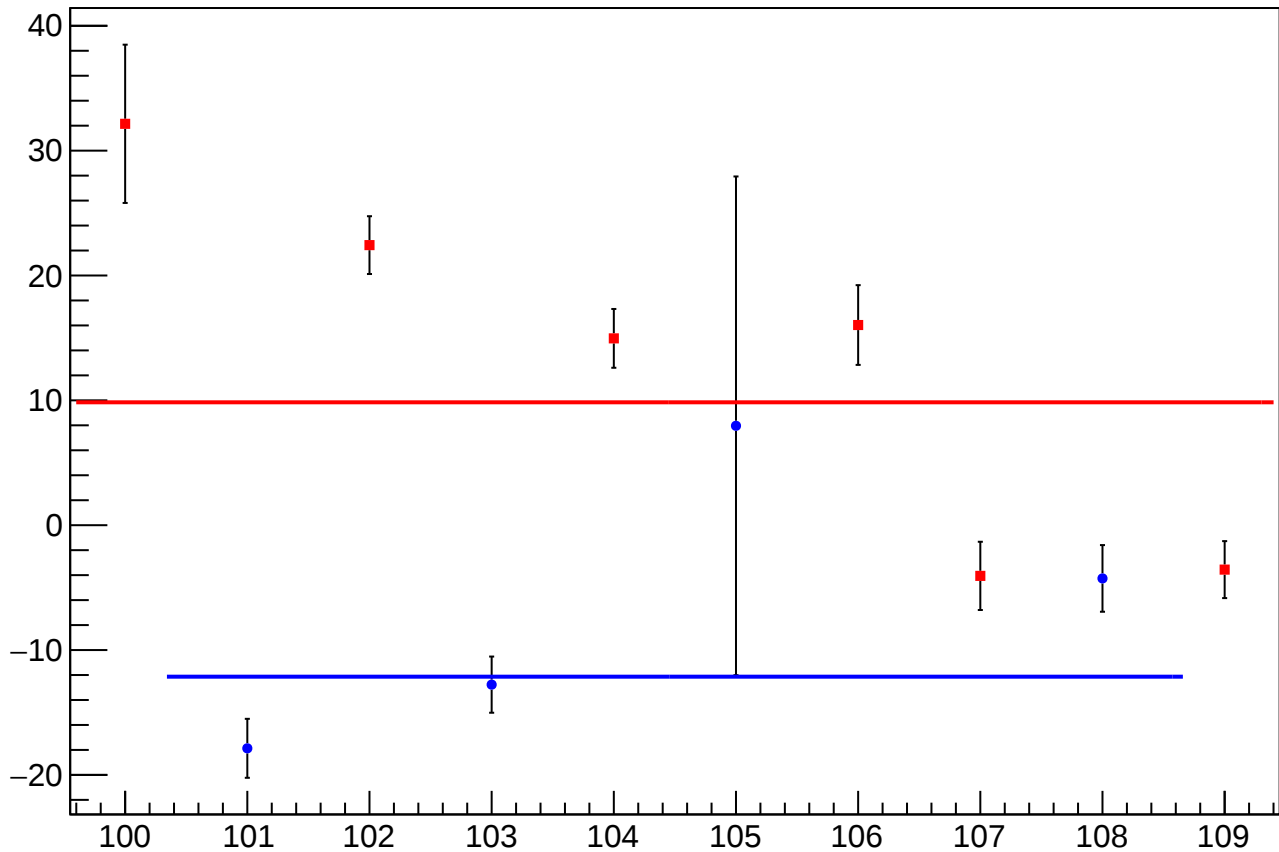
Right Out: 3065.441+/-1.433 χ^2/NDF : 3058.7/5

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

3034.221+/-1.727 χ^2/NDF : 449.9/3

3065.441+/-1.433 χ^2/NDF : 3058.7/5

diff_bpm0l01Y_mean vs slug



Right In: -12.133+/-1.387 χ^2/NDF : 15.7/3

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

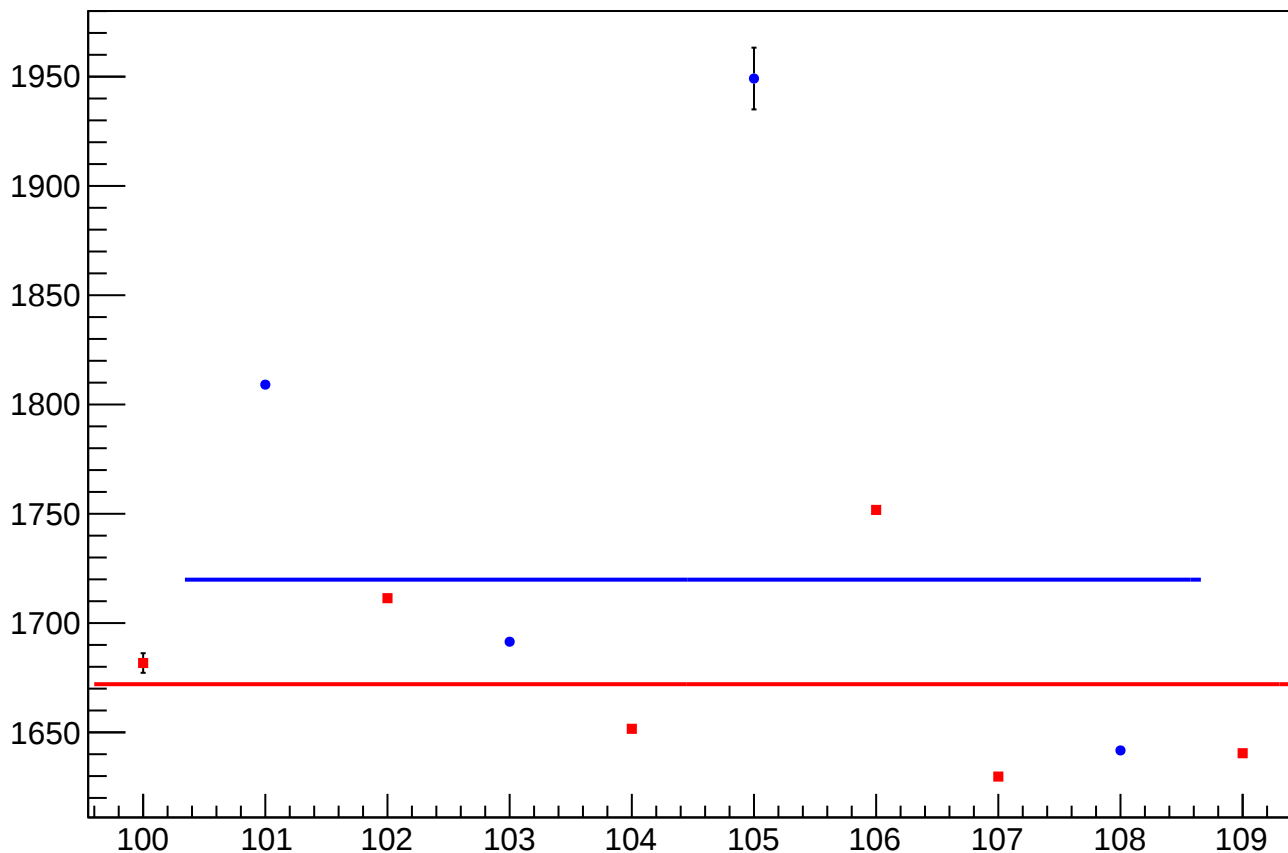
Right Out: 9.843+/-1.107 χ^2/NDF : 110.8/5

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

-12.133+/-1.387 χ^2/NDF : 15.7/3

9.843+/-1.107 χ^2/NDF : 110.8/5

diff_bpm0l01Y_rms vs slug



Right In: 1719.865+/-0.981 χ^2 /NDF: 5150.3/3

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

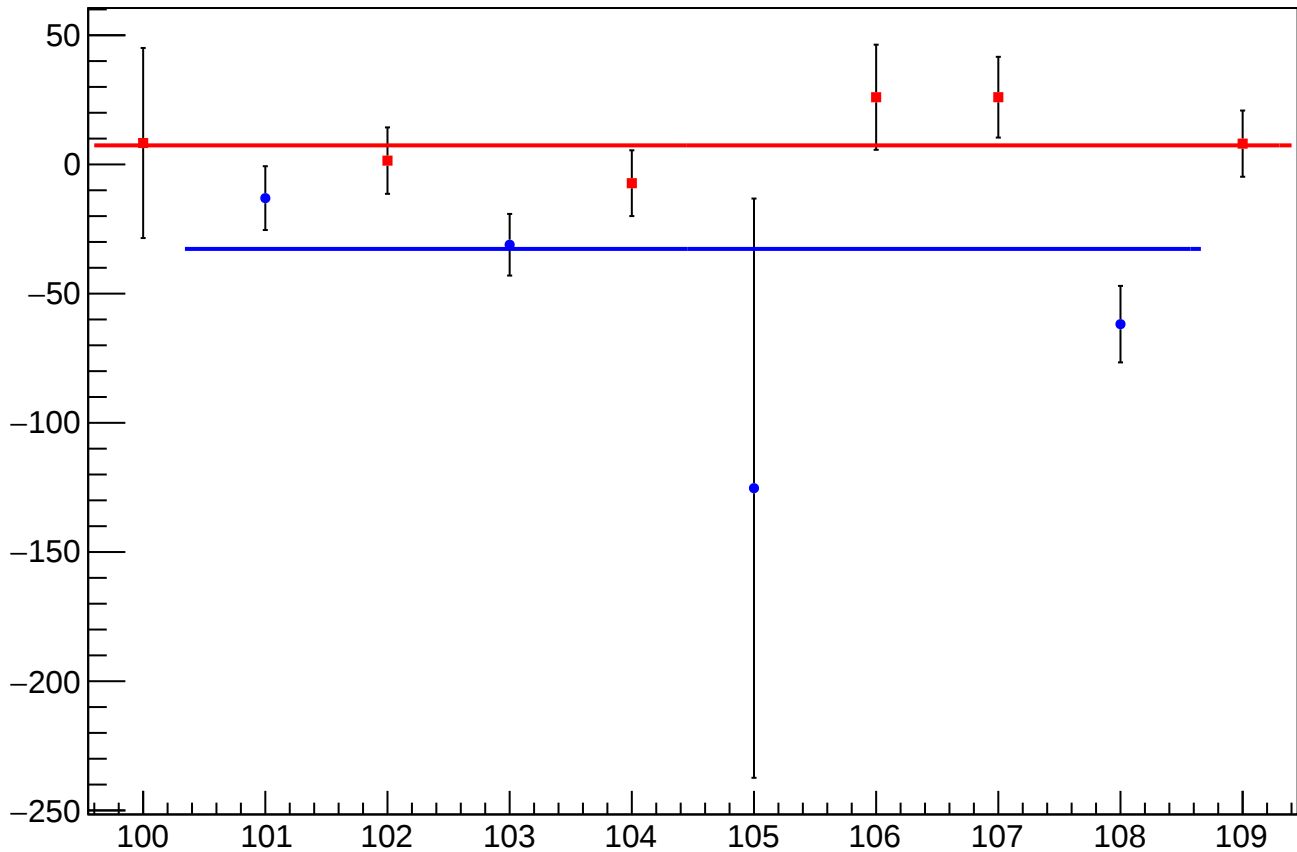
Right Out: 1672.035+/-0.783 χ^2 /NDF: 2841.3/5

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

1719.865+/-0.981 χ^2 /NDF: 5150.3/3

1672.035+/-0.783 χ^2 /NDF: 2841.3/5

diff_bpm0l02X_mean vs slug



Right In: -32.692 ± 7.407 χ^2/NDF : 7.1/3

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

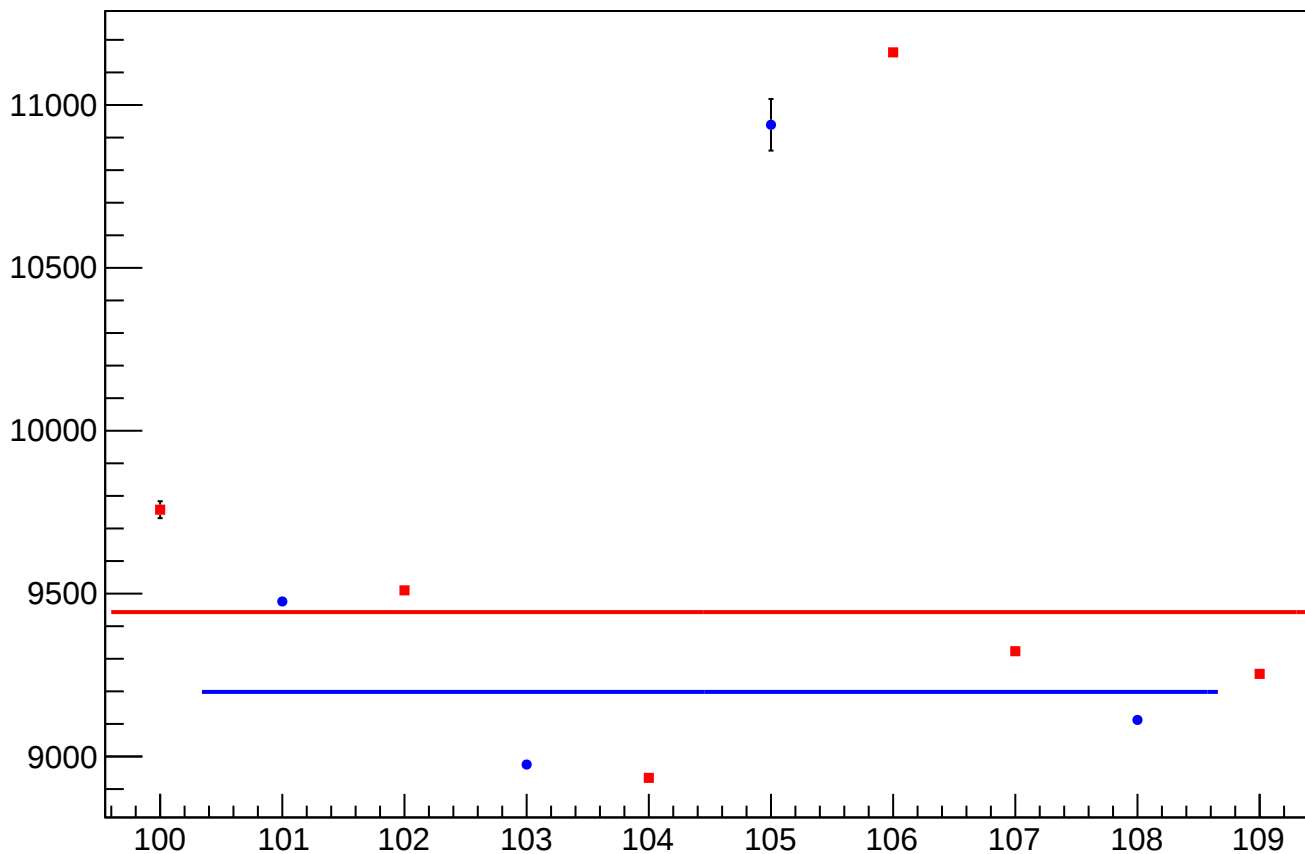
Right Out: 7.380 ± 6.254 χ^2/NDF : 3.8/5

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

-32.692 ± 7.407 χ^2/NDF : 7.1/3

7.380 ± 6.254 χ^2/NDF : 3.8/5

diff_bpm0l02X_rms vs slug



Right In: 9198.263+/-5.237 χ^2/NDF : 2260.3/3

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

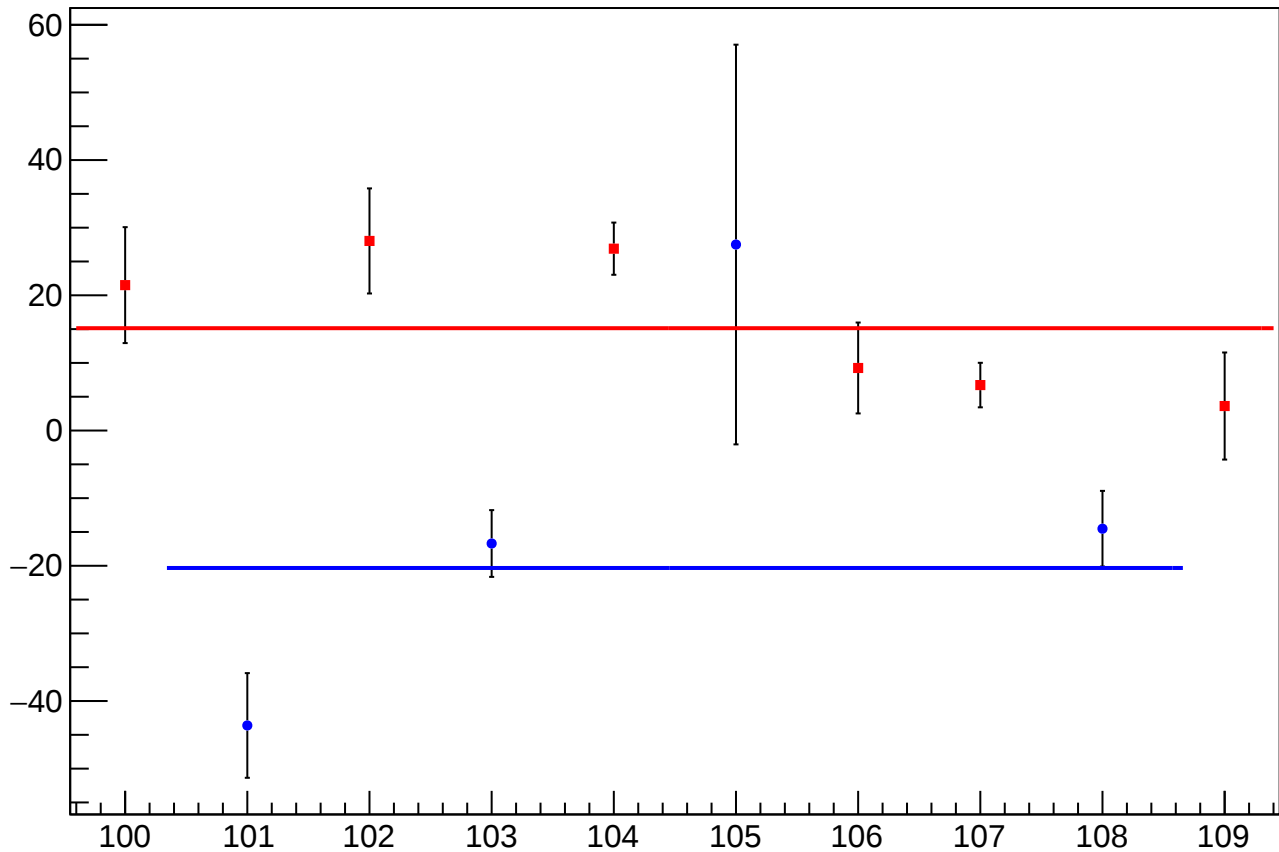
Right Out: 9443.296+/-4.423 χ^2/NDF : 18220.3/5

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

9198.263+/-5.237 χ^2/NDF : 2260.3/3

9443.296+/-4.423 χ^2/NDF : 18220.3/5

diff_bpm0l02Y_mean vs slug



Right In: -20.325+/-3.319 χ^2/NDF : 13.3/3

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

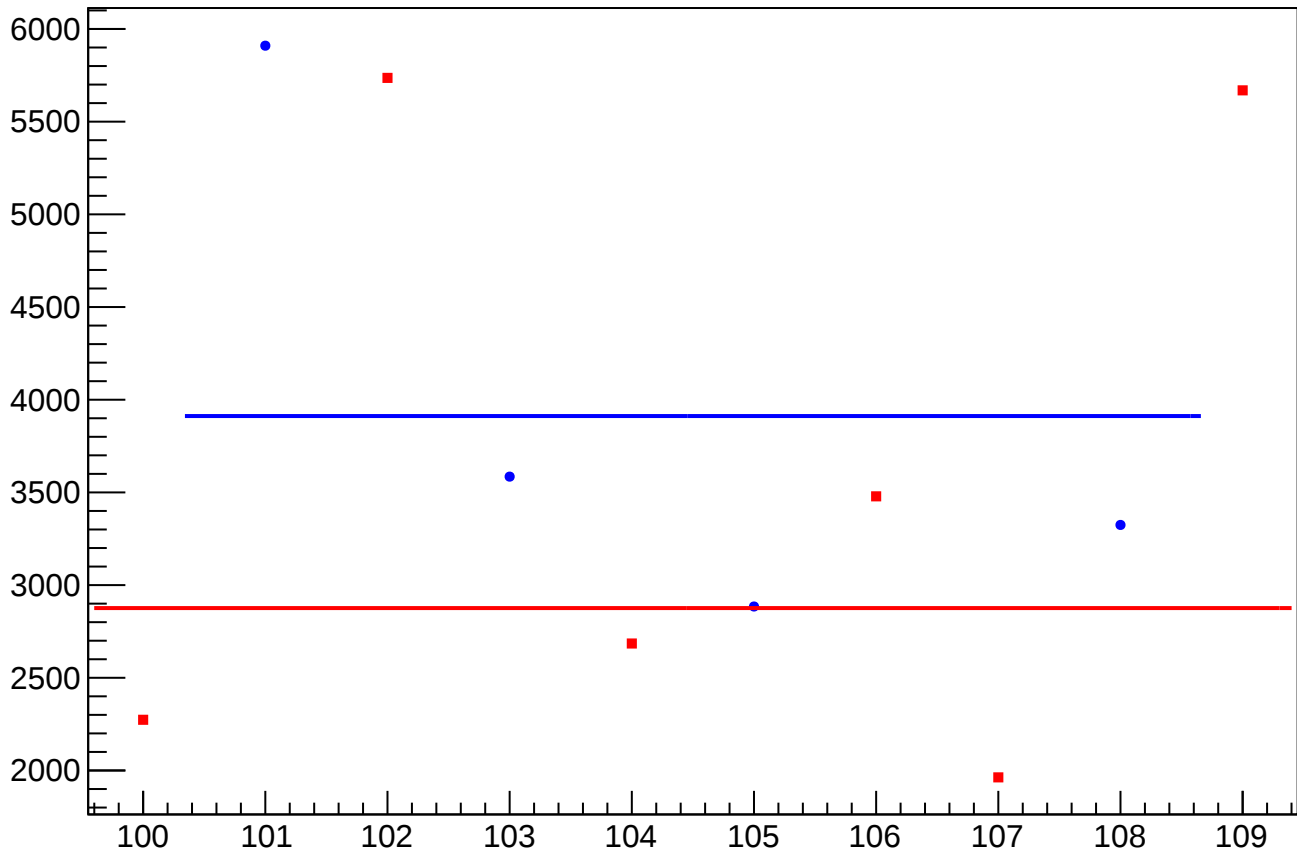
Right Out: 15.135+/-2.096 χ^2/NDF : 22.0/5

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

-20.325+/-3.319 χ^2/NDF : 13.3/3

15.135+/-2.096 χ^2/NDF : 22.0/5

diff_bpm0l02Y_rms vs slug



Right In: 3911.954+/-2.347 χ^2/NDF : 166446.5/3

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

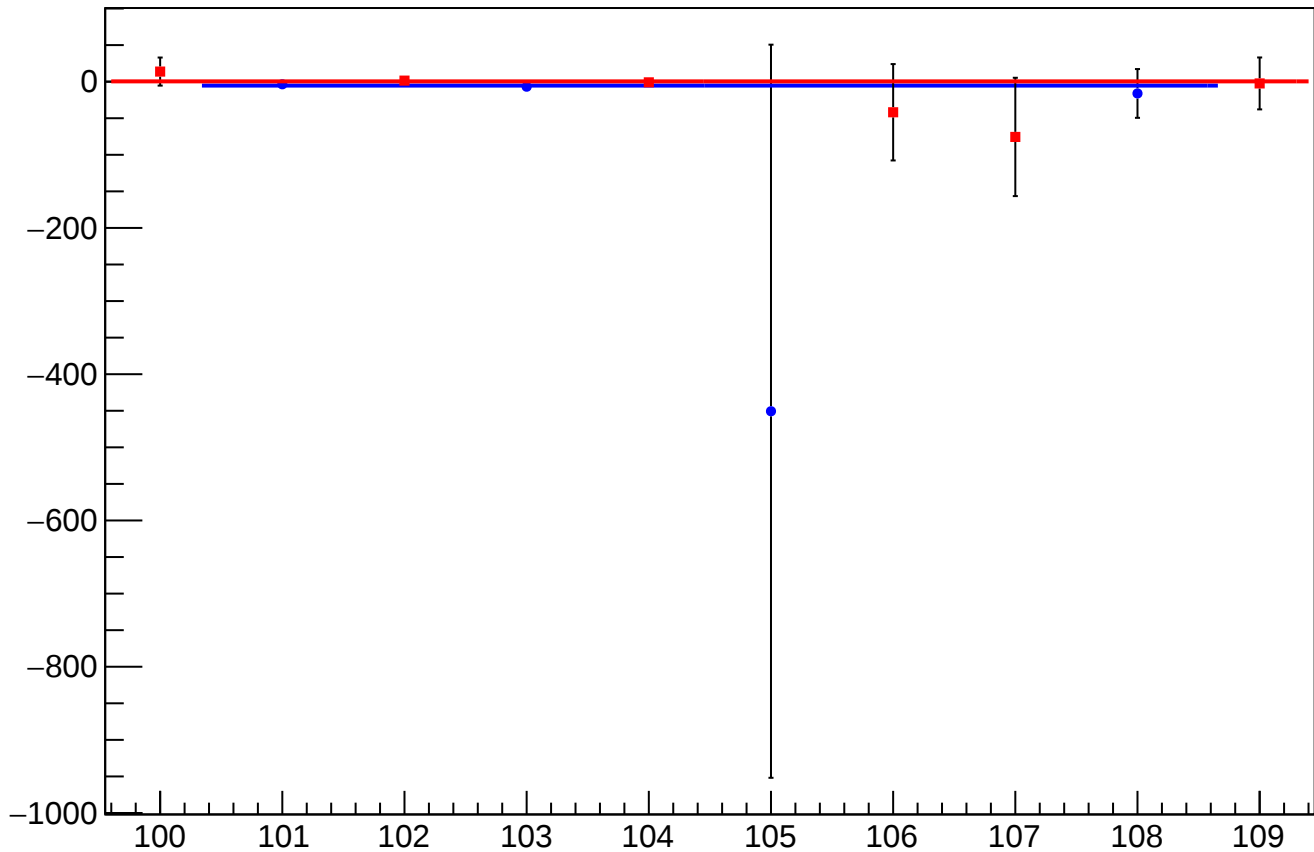
3911.954+/-2.347 χ^2/NDF : 166446.5/3

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

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

2876.070+/-1.482 χ^2/NDF : 704499.2/5

diff_bpm0l03X_mean vs slug



Right In: -5.345+/-2.706 χ^2 /NDF: 1.3/3

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

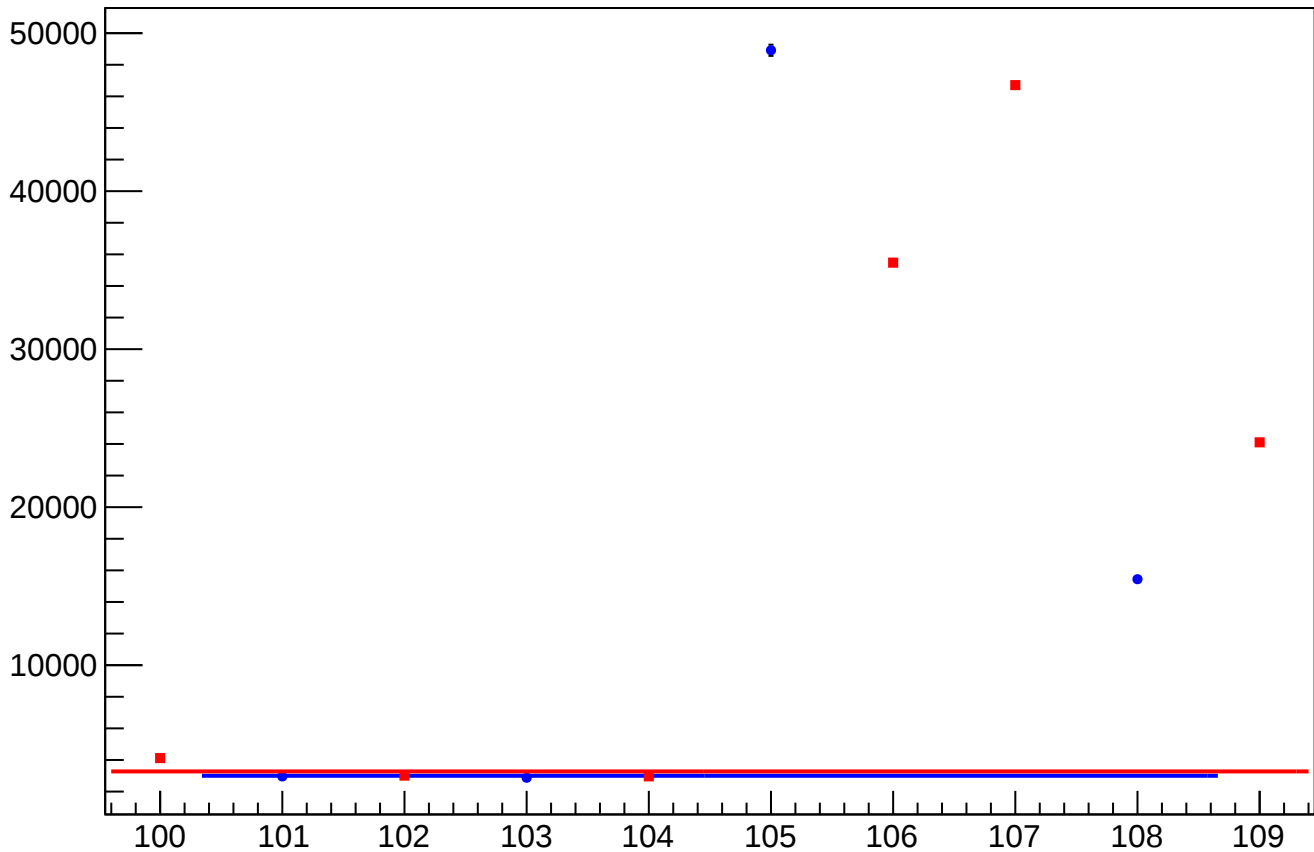
Right Out: 0.405+/-2.904 χ^2 /NDF: 1.9/5

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

-5.345+/-2.706 χ^2 /NDF: 1.3/3

0.405+/-2.904 χ^2 /NDF: 1.9/5

diff_bpm0l03X_rms vs slug



Right In: 2999.642+/-1.913 χ^2/NDF : 297535.5/3

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

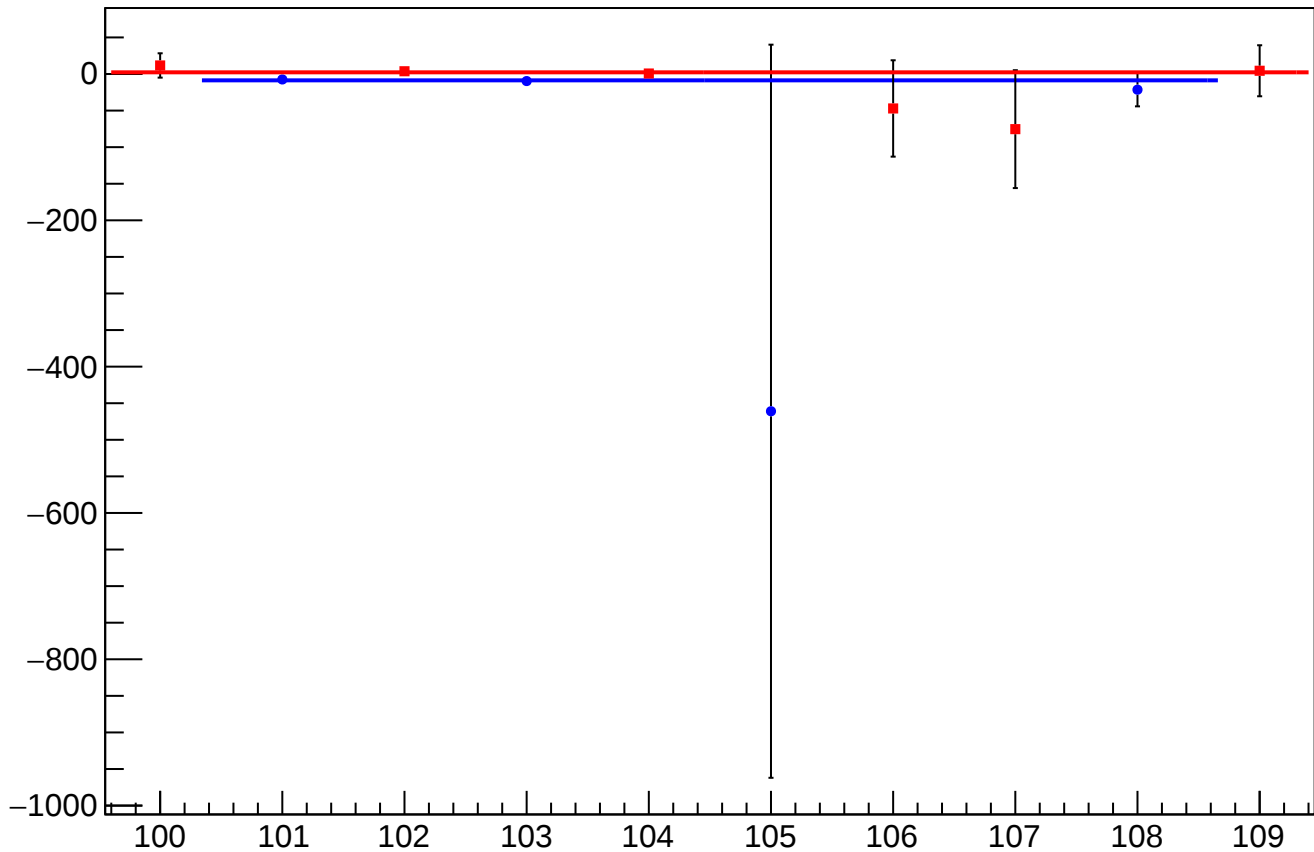
2999.642+/-1.913 χ^2/NDF : 297535.5/3

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

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

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

diff_bpm0l03Y_mean vs slug



Right In: -8.670±/-1.850 χ^2 /NDF: 1.5/3

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

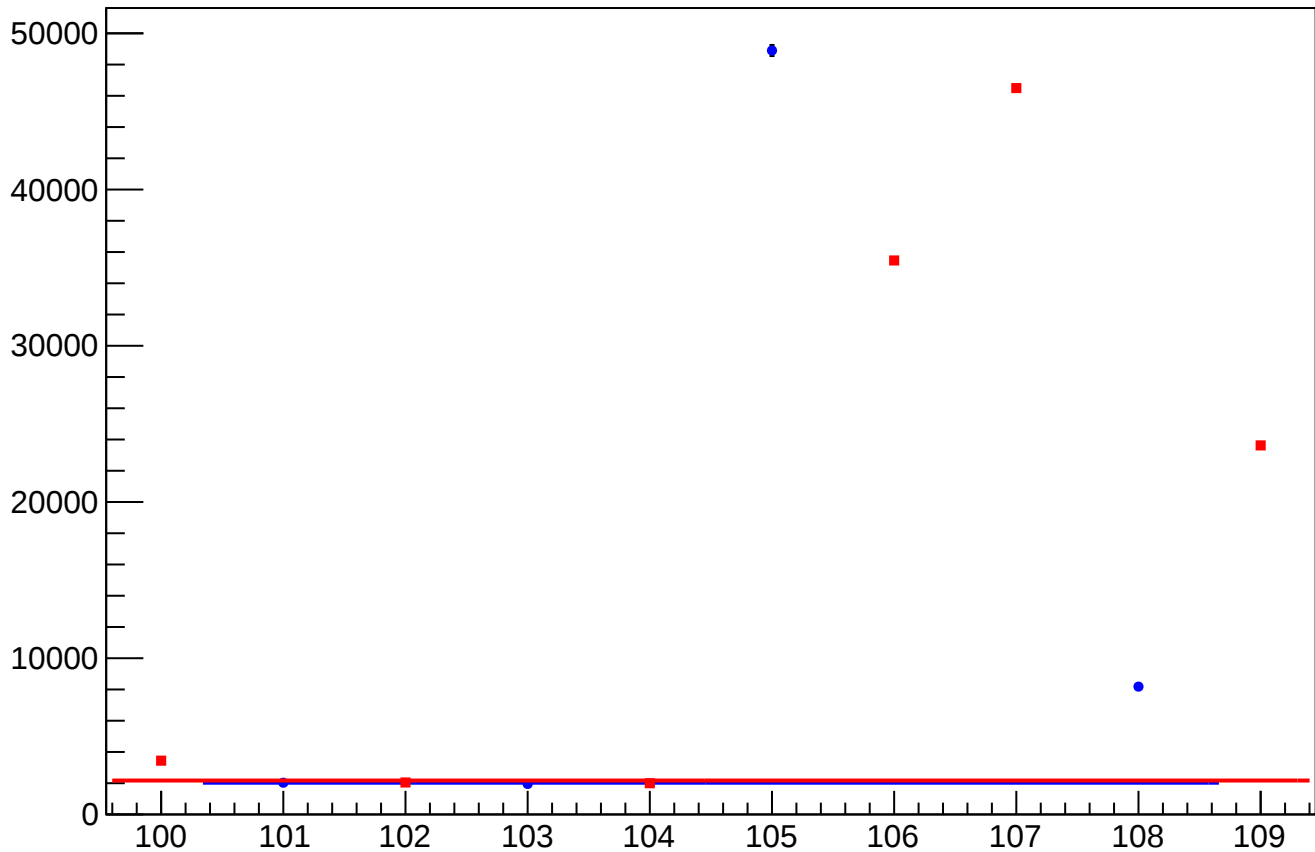
Right Out: 2.298±/-1.994 χ^2 /NDF: 2.4/5

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

-8.670±/-1.850 χ^2 /NDF: 1.5/3

2.298±/-1.994 χ^2 /NDF: 2.4/5

diff_bpm0l03Y_rms vs slug



Right In: 2031.883+/-1.308 χ^2/NDF : 165272.8/3

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

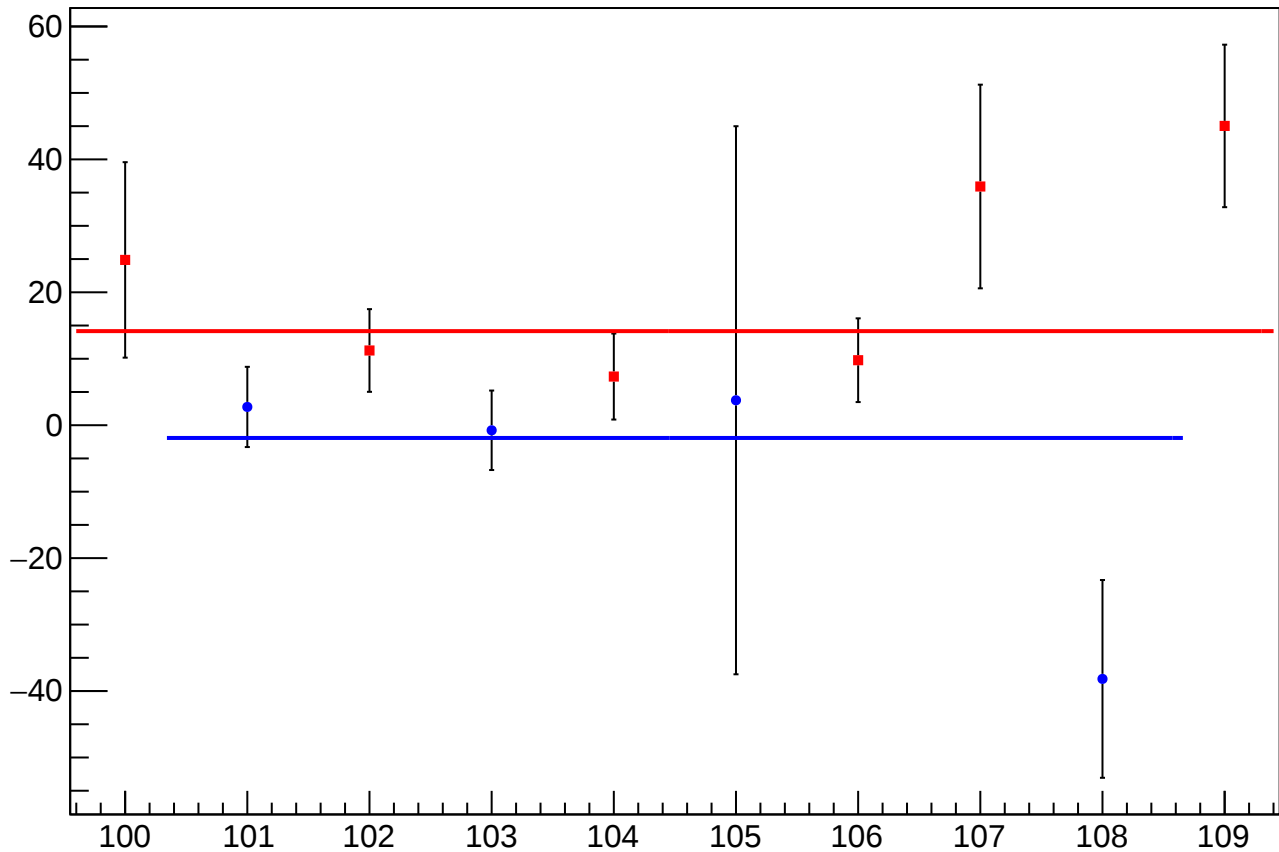
Right Out: 2171.933+/-1.410 χ^2/NDF : 1896291.4/5

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

2031.883+/-1.308 χ^2/NDF : 165272.8/3

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

diff_bpm0l04X_mean vs slug



Right In: -1.918+/-4.065 χ^2/NDF : 6.6/3

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

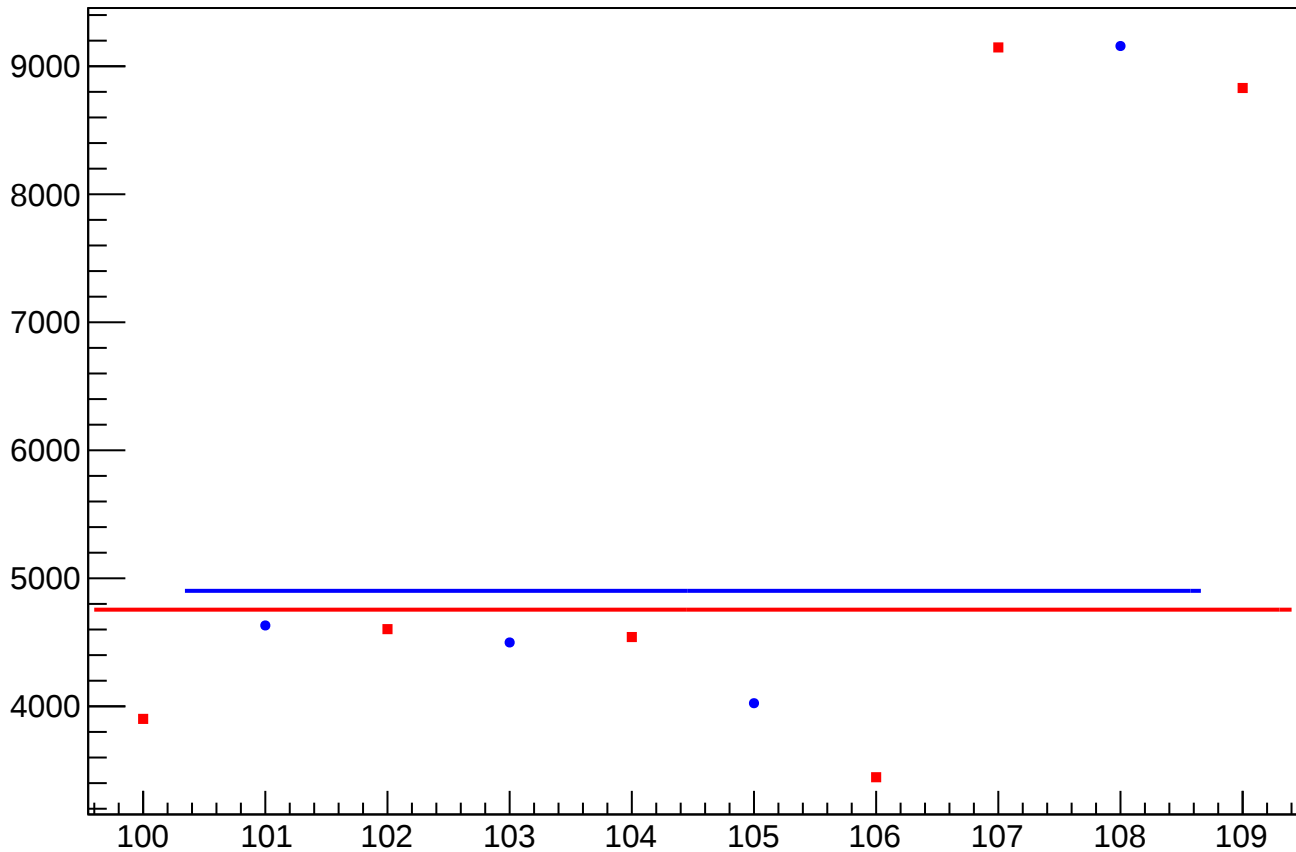
Right Out: 14.158+/-3.324 χ^2/NDF : 10.7/5

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

-1.918+/-4.065 χ^2/NDF : 6.6/3

14.158+/-3.324 χ^2/NDF : 10.7/5

diff_bpm0l04X_rms vs slug



Right In: 4902.167 $\pm$ 2.874 χ^2 /NDF: 177633.8/3

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

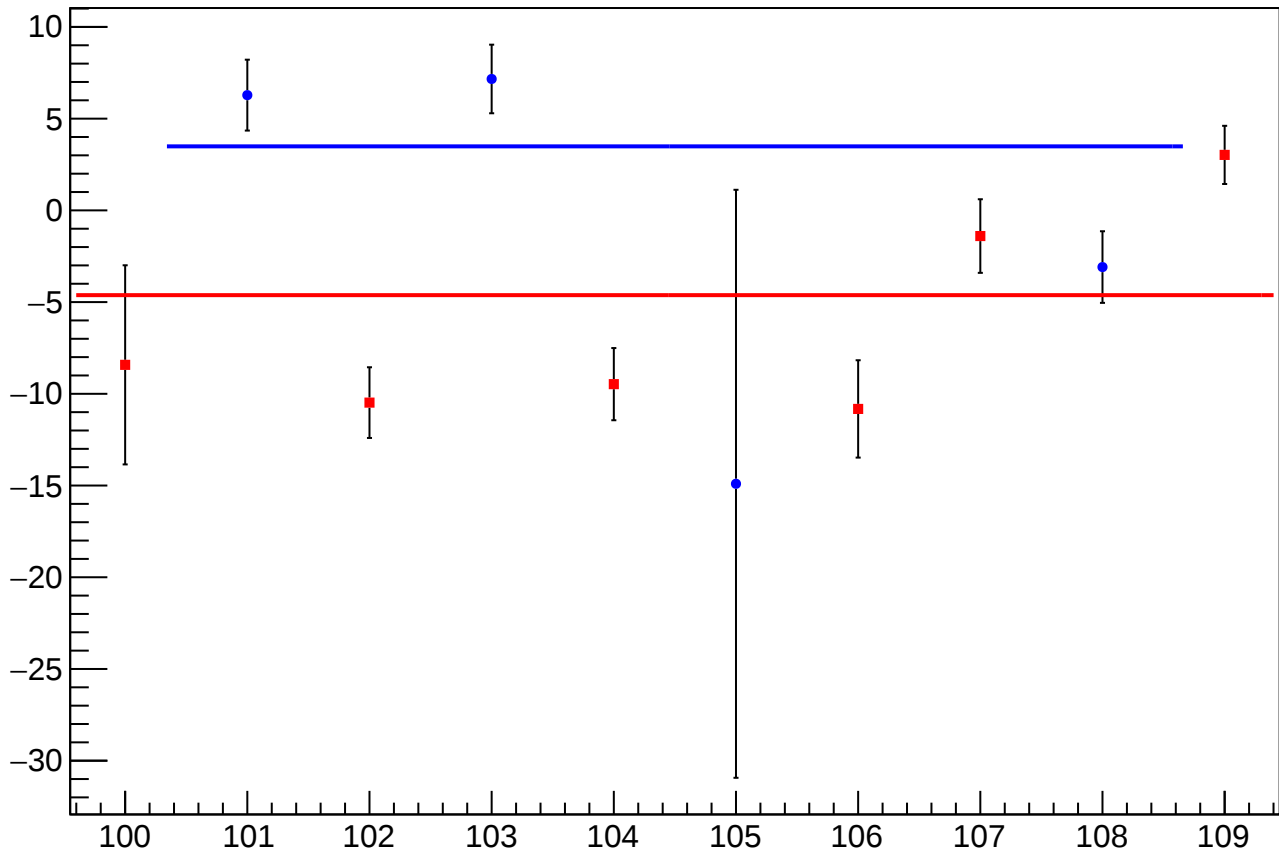
4902.167 $\pm$ 2.874 χ^2 /NDF: 177633.8/3

Right Out: 4755.068 $\pm$ 2.351 χ^2 /NDF: 482917.1/5

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

4755.068 $\pm$ 2.351 χ^2 /NDF: 482917.1/5

diff_bpm0l04Y_mean vs slug



Right In: 3.490 $\pm$ 1.104 χ^2 /NDF: 18.6/3

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

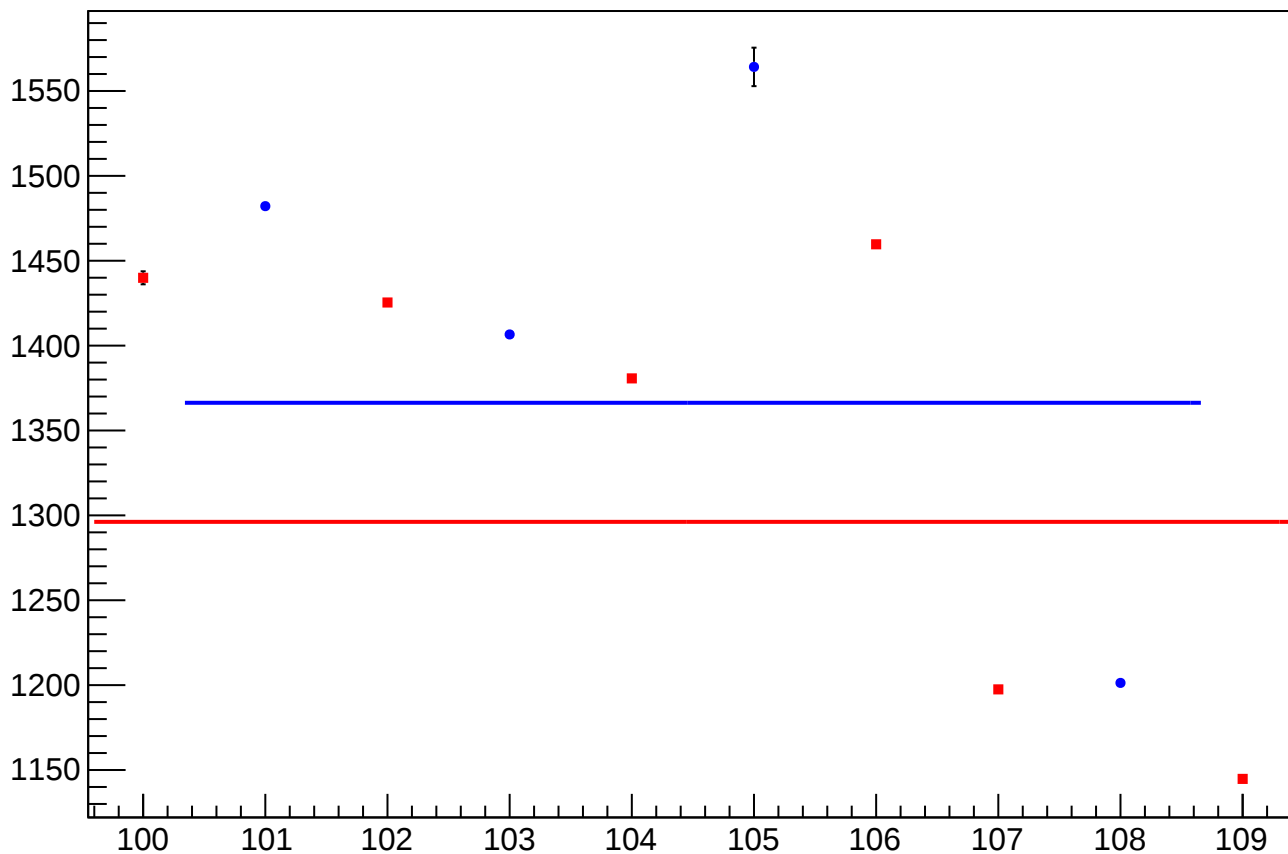
Right Out: -4.622 $\pm$ 0.861 χ^2 /NDF: 47.1/5

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

3.490 $\pm$ 1.104 χ^2 /NDF: 18.6/3

-4.622 $\pm$ 0.861 χ^2 /NDF: 47.1/5

diff_bpm0l04Y_rms vs slug



Right In: 1366.324 $\pm$ 0.781 χ^2 /NDF: 22715.1/3

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

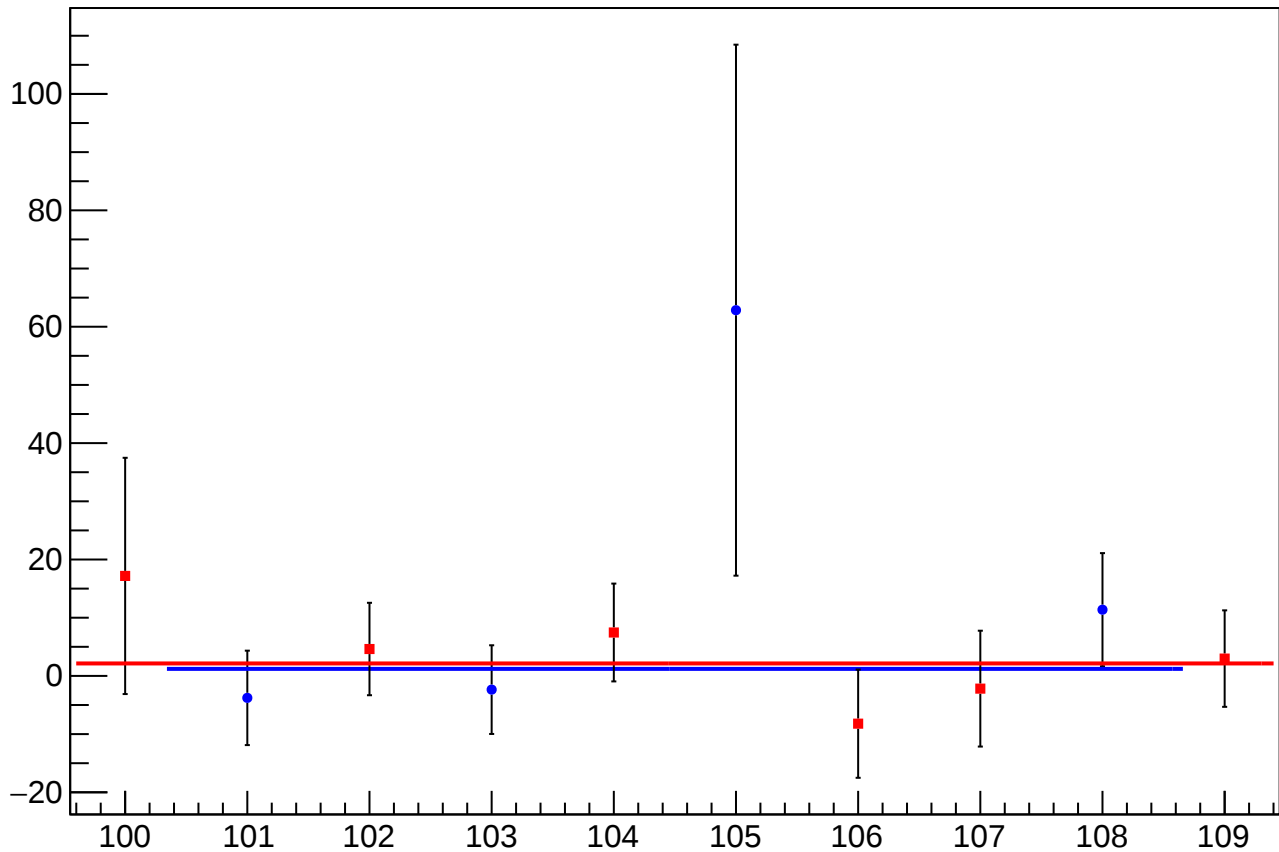
Right Out: 1296.184 $\pm$ 0.609 χ^2 /NDF: 44751.8/5

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

1366.324 $\pm$ 0.781 χ^2 /NDF: 22715.1/3

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

diff_bpm0l05X_mean vs slug



Right In: 1.209+/-4.796 χ^2/NDF : 3.5/3

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

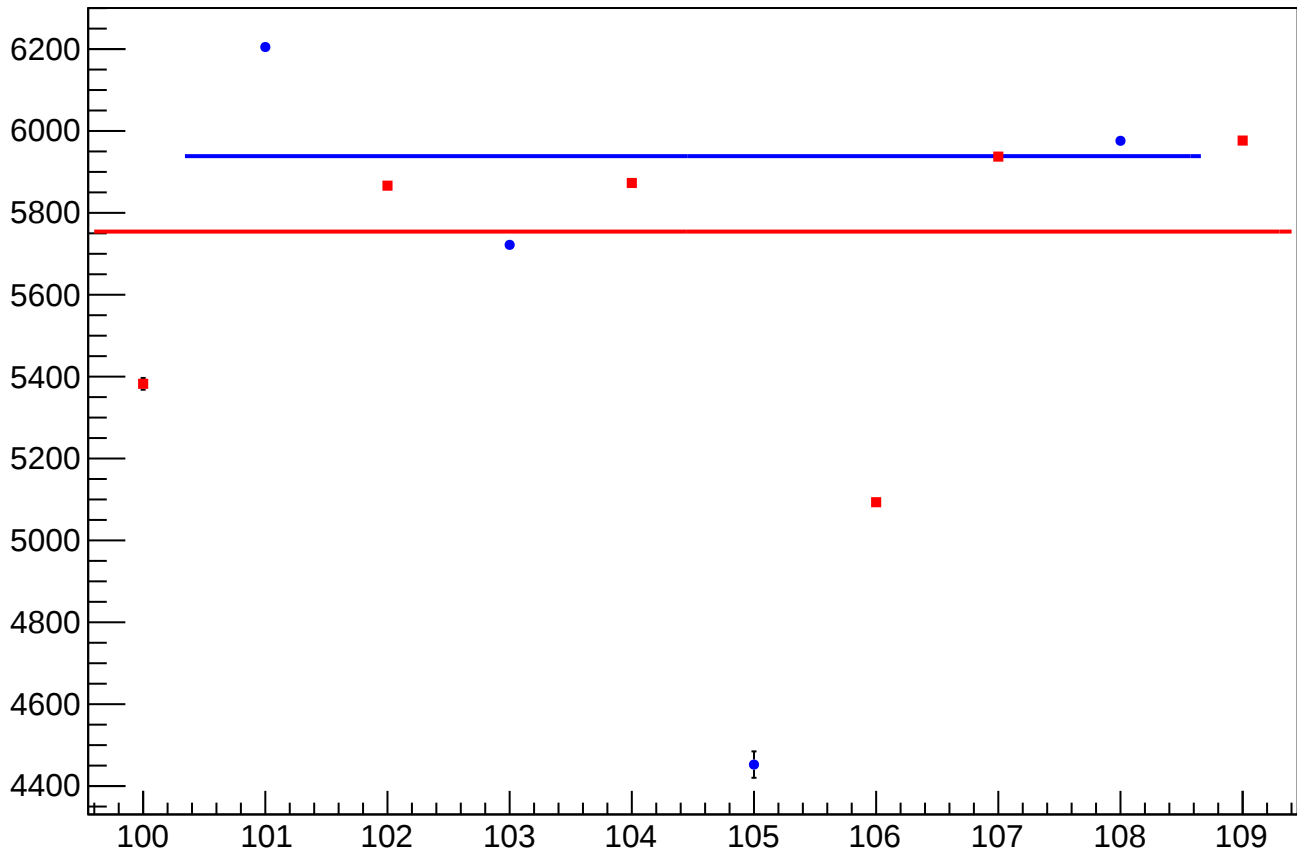
Right Out: 2.141+/-3.817 χ^2/NDF : 2.5/5

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

1.209+/-4.796 χ^2/NDF : 3.5/3

2.141+/-3.817 χ^2/NDF : 2.5/5

diff_bpm0l05X_rms vs slug



Right In: 5938.513 $\pm$ 3.391 χ^2 /NDF: 5927.3/3

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

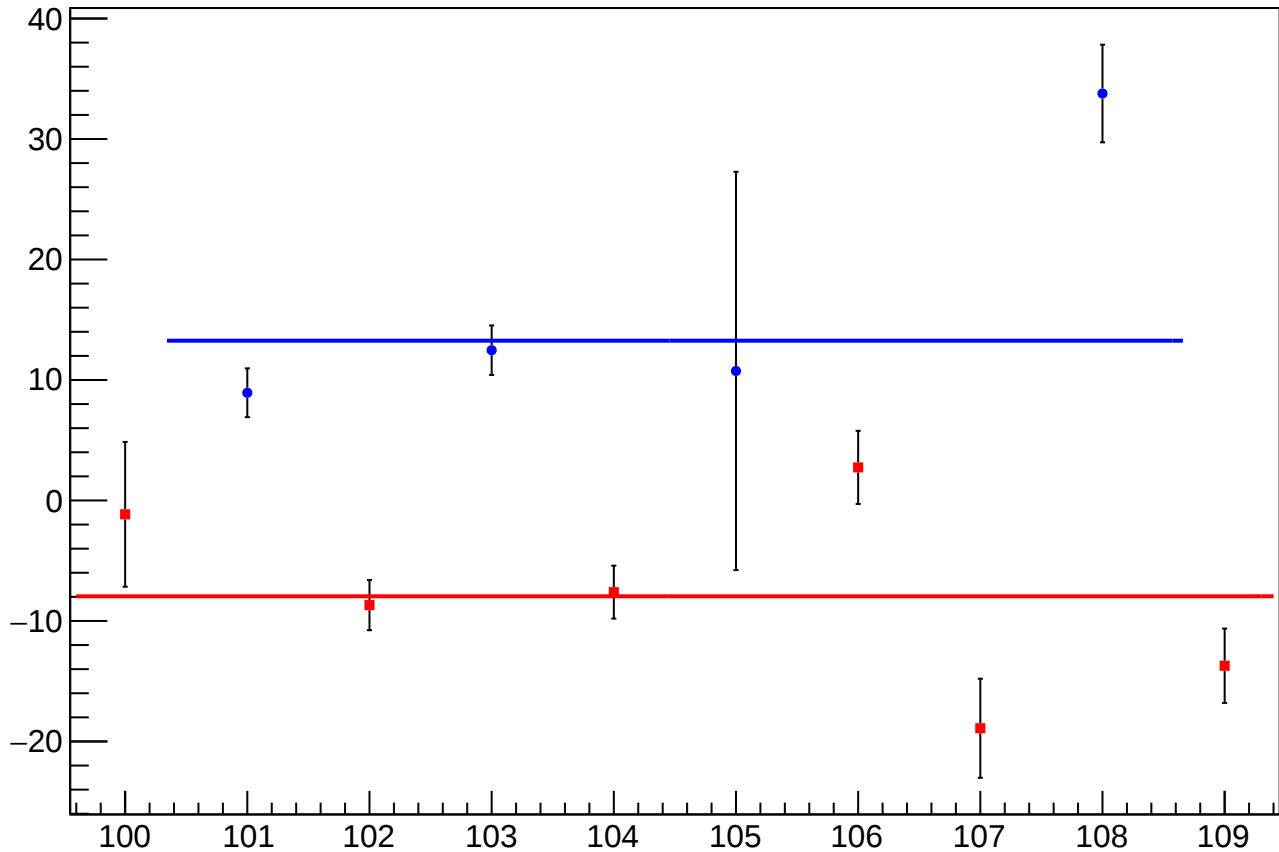
5938.513 $\pm$ 3.391 χ^2 /NDF: 5927.3/3

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

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

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

diff_bpm0l05Y_mean vs slug



Right In: 13.261+/-1.355 χ^2/NDF : 30.3/3

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

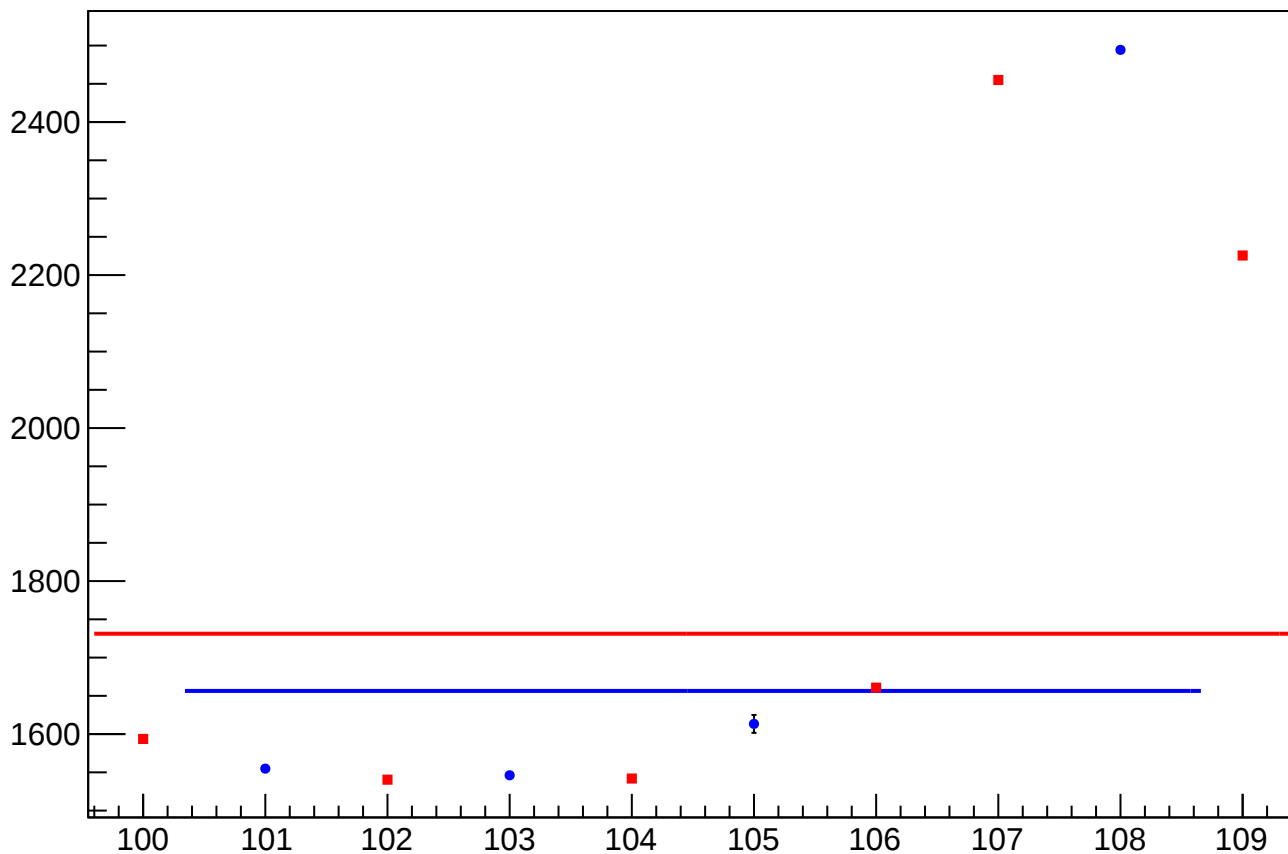
Right Out: -7.952+/-1.164 χ^2/NDF : 24.4/5

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

13.261+/-1.355 χ^2/NDF : 30.3/3

-7.952+/-1.164 χ^2/NDF : 24.4/5

diff_bpm0l05Y_rms vs slug



Right In: 1656.438 $\pm$ 0.958 χ^2 /NDF: 96295.9/3

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

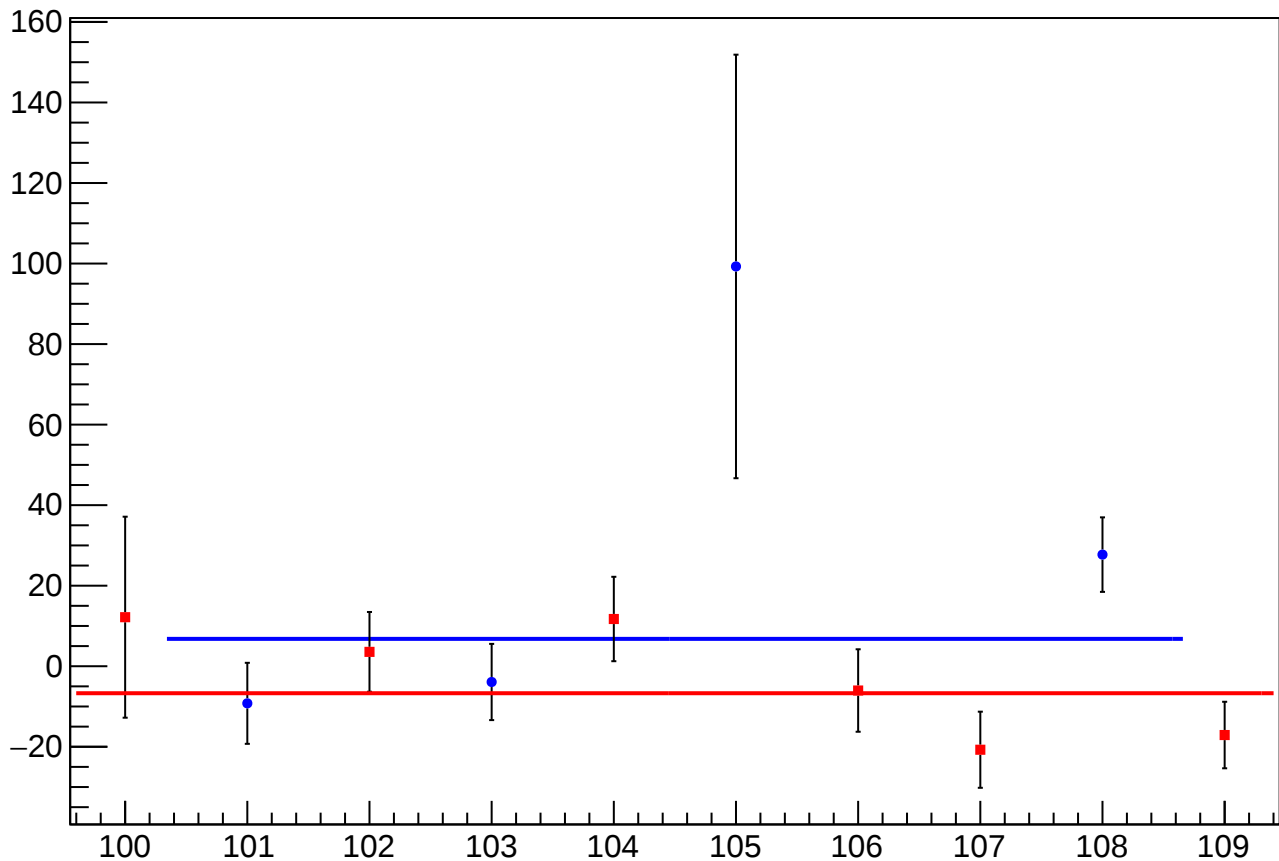
Right Out: 1731.198 $\pm$ 0.823 χ^2 /NDF: 147018.1/5

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

1656.438 $\pm$ 0.958 χ^2 /NDF: 96295.9/3

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

diff_bpm0l06X_mean vs slug



Right In: 6.795+/-5.498 χ^2/NDF : 12.0/3

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

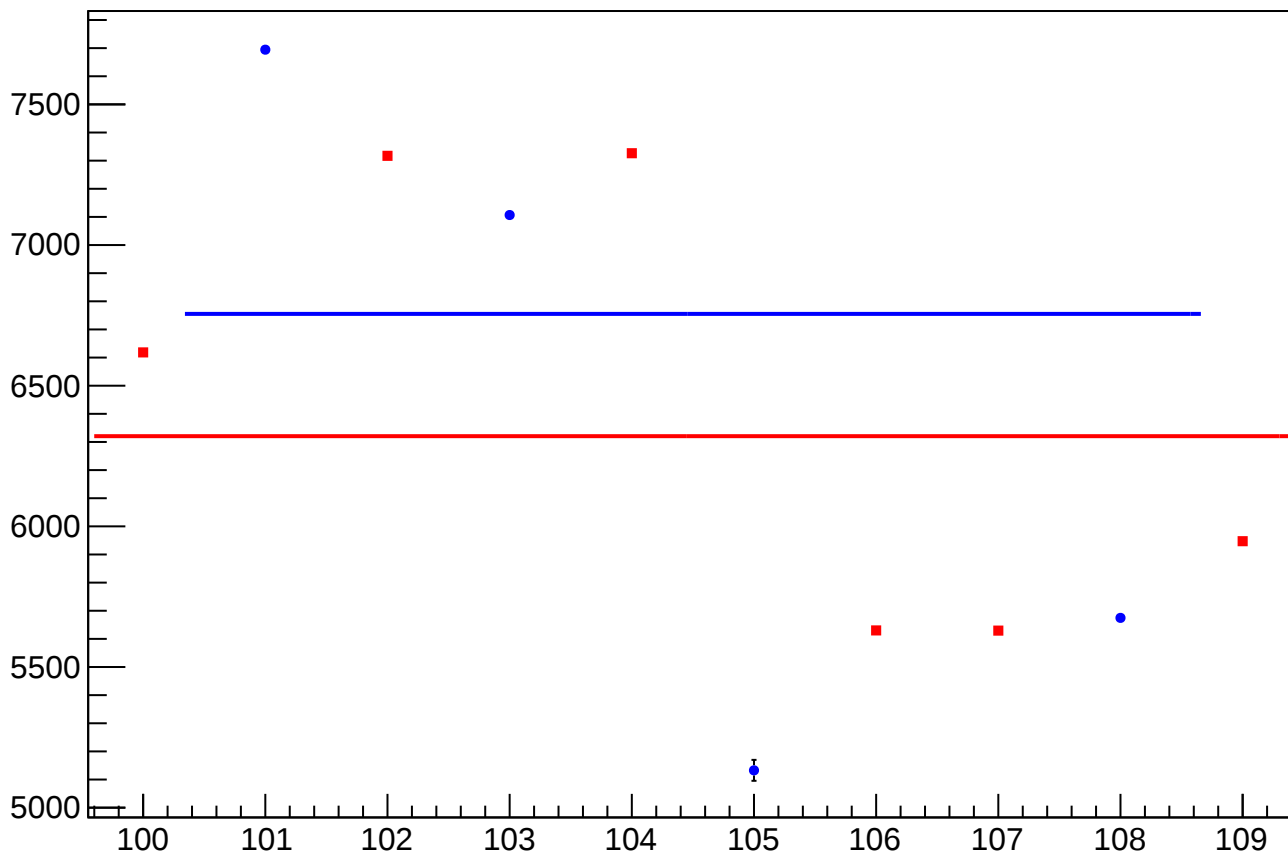
Right Out: -6.704+/-4.215 χ^2/NDF : 8.5/5

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

6.795+/-5.498 χ^2/NDF : 12.0/3

-6.704+/-4.215 χ^2/NDF : 8.5/5

diff_bpm0l06X_rms vs slug



Right In: 6755.267 $\pm$ 3.887 χ^2 /NDF: 49367.6/3

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

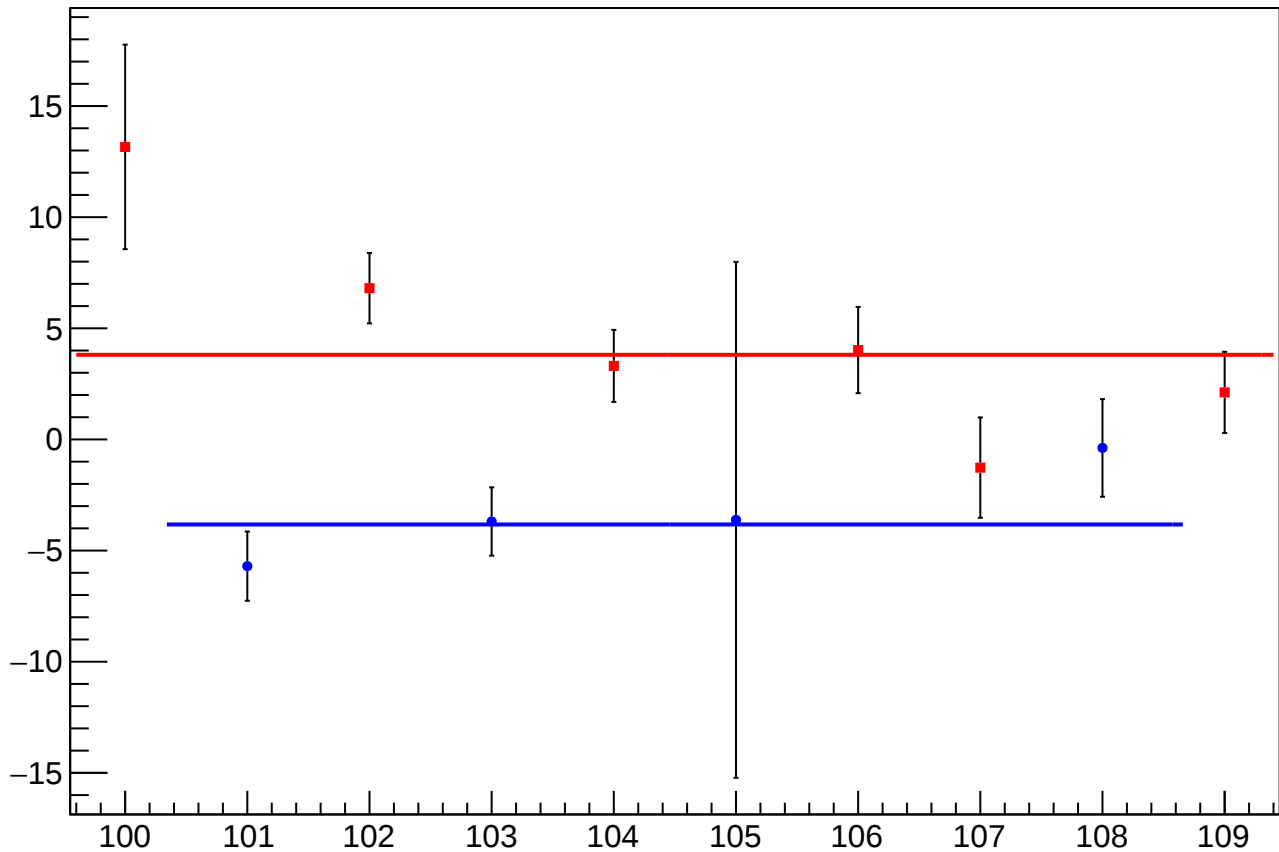
Right Out: 6320.582 $\pm$ 2.980 χ^2 /NDF: 62826.8/5

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

6755.267 $\pm$ 3.887 χ^2 /NDF: 49367.6/3

6320.582 $\pm$ 2.980 χ^2 /NDF: 62826.8/5

diff_bpm0l06Y_mean vs slug



Right In: -3.825 $\pm$ 0.976 χ^2 /NDF: 3.9/3

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

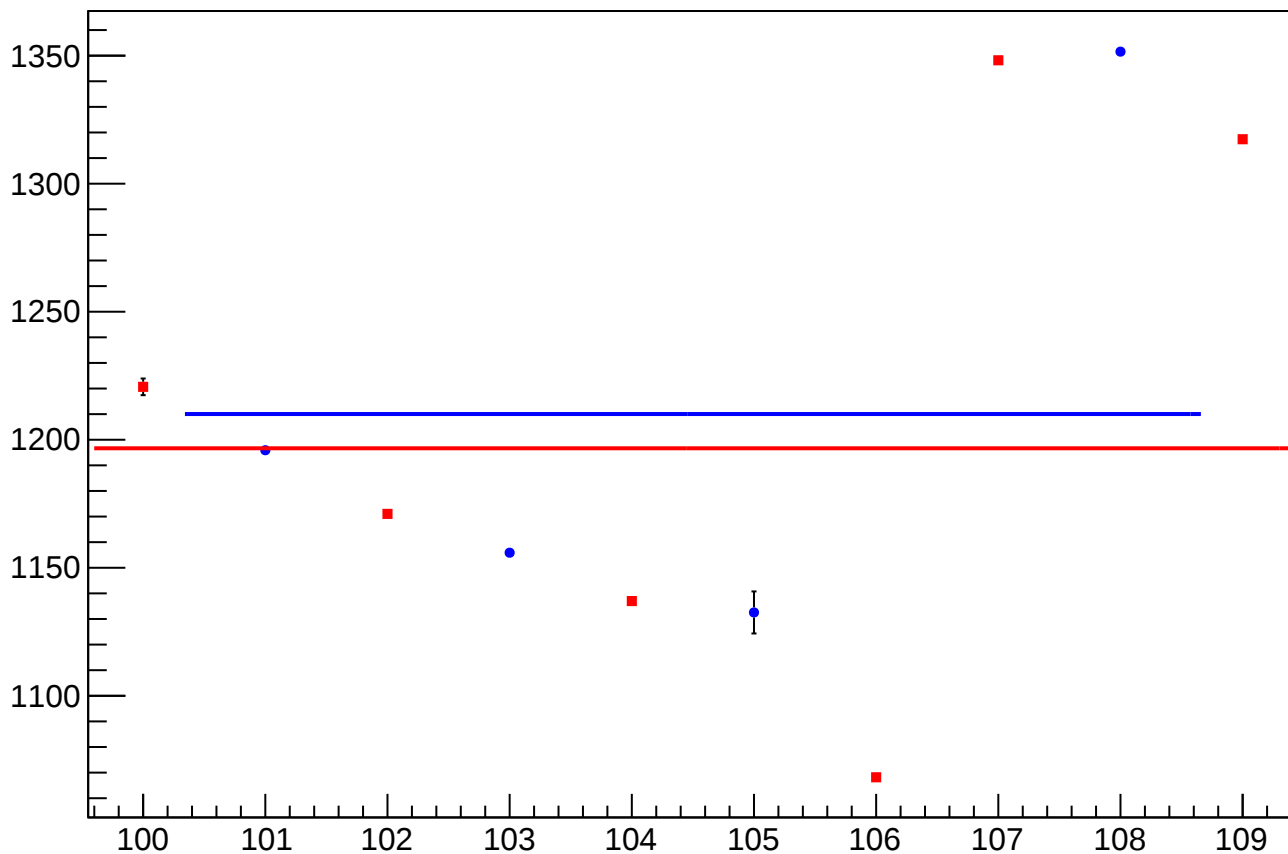
Right Out: 3.809 $\pm$ 0.793 χ^2 /NDF: 13.7/5

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

-3.825 $\pm$ 0.976 χ^2 /NDF: 3.9/3

3.809 $\pm$ 0.793 χ^2 /NDF: 13.7/5

diff_bpm0l06Y_rms vs slug



Right In: 1210.043+/-0.690 χ^2/NDF : 11048.0/3

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

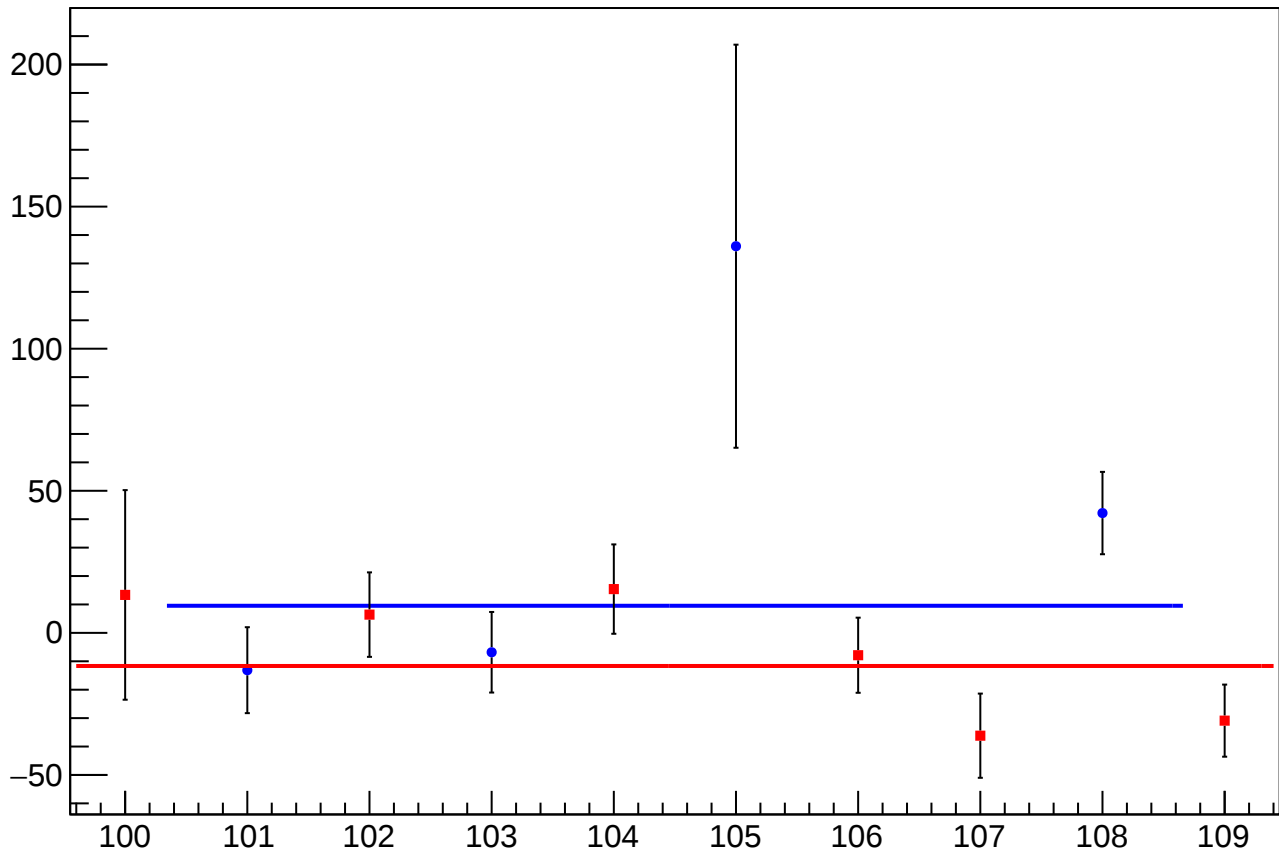
Right Out: 1196.665+/-0.561 χ^2/NDF : 29818.5/5

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

1210.043+/-0.690 χ^2/NDF : 11048.0/3

1196.665+/-0.561 χ^2/NDF : 29818.5/5

diff_bpm0l07X_mean vs slug



Right In: 9.539+/-8.360 χ^2/NDF : 11.8/3

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

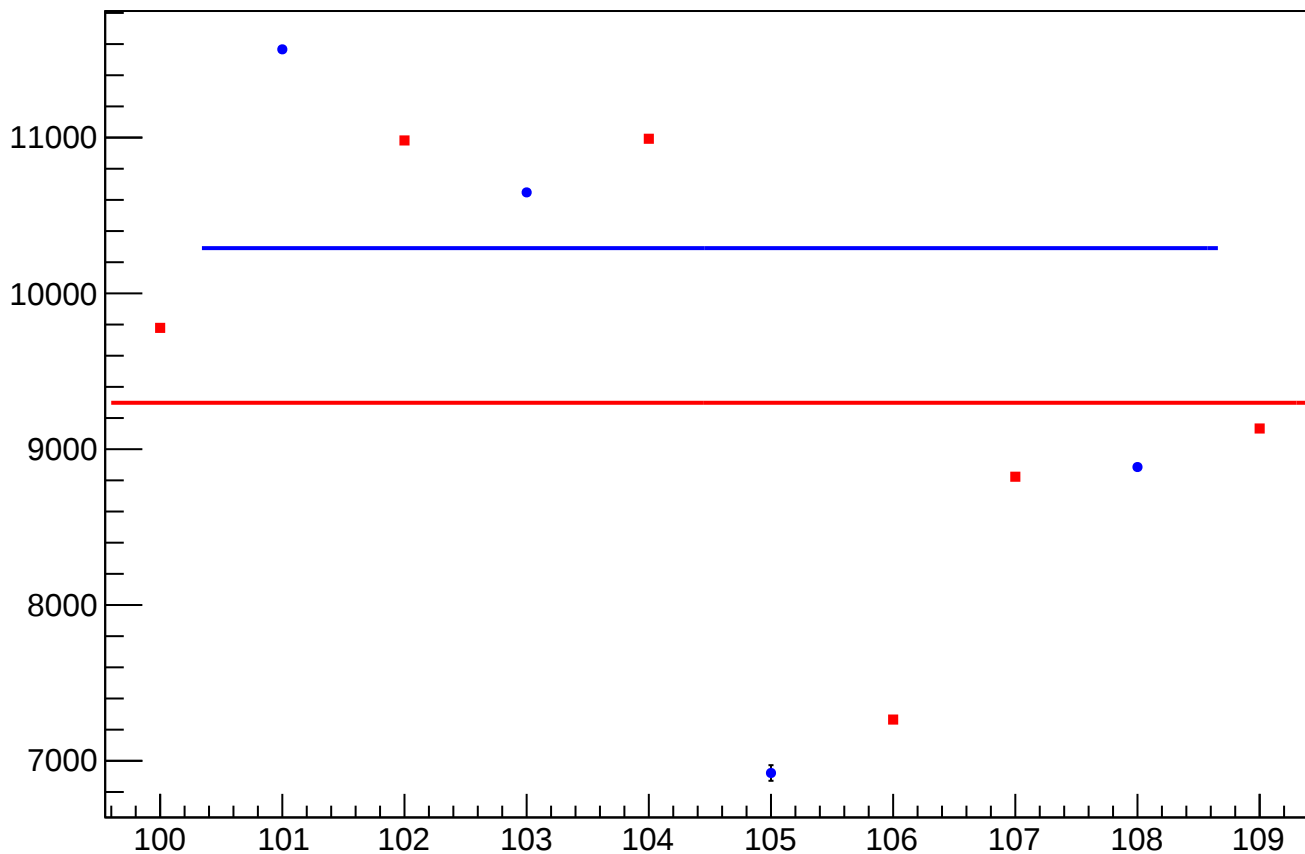
9.539+/-8.360 χ^2/NDF : 11.8/3

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

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

-11.650+/-6.226 χ^2/NDF : 10.0/5

diff_bpm0l07X_rms vs slug



Right In: 10290.432+/-5.912 χ^2/NDF : 38818.5/3

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

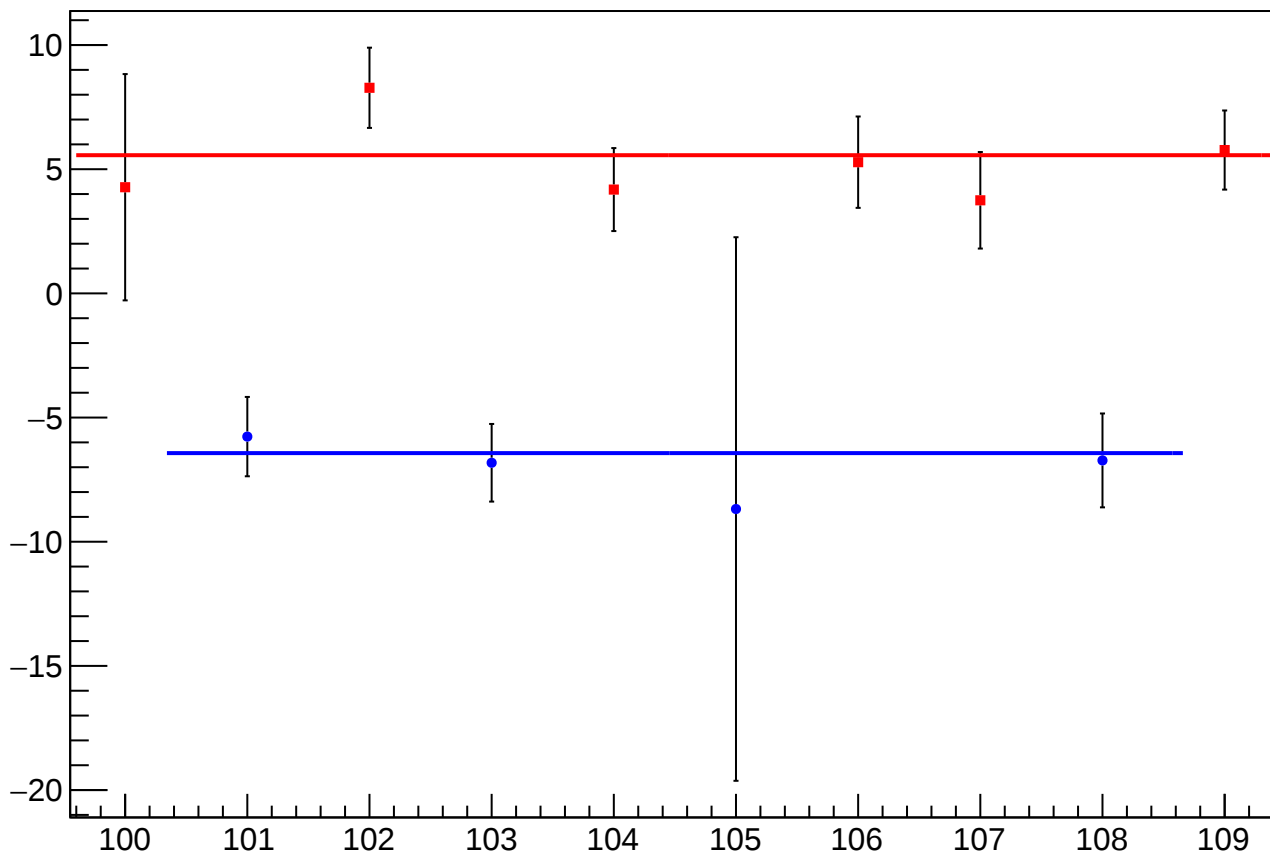
Right Out: 9297.945+/-4.403 χ^2/NDF : 98930.6/5

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

10290.432+/-5.912 χ^2/NDF : 38818.5/3

9297.945+/-4.403 χ^2/NDF : 98930.6/5

diff_bpm0l07Y_mean vs slug



Right In: -6.432+/-0.958 χ^2/NDF : 0.3/3

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

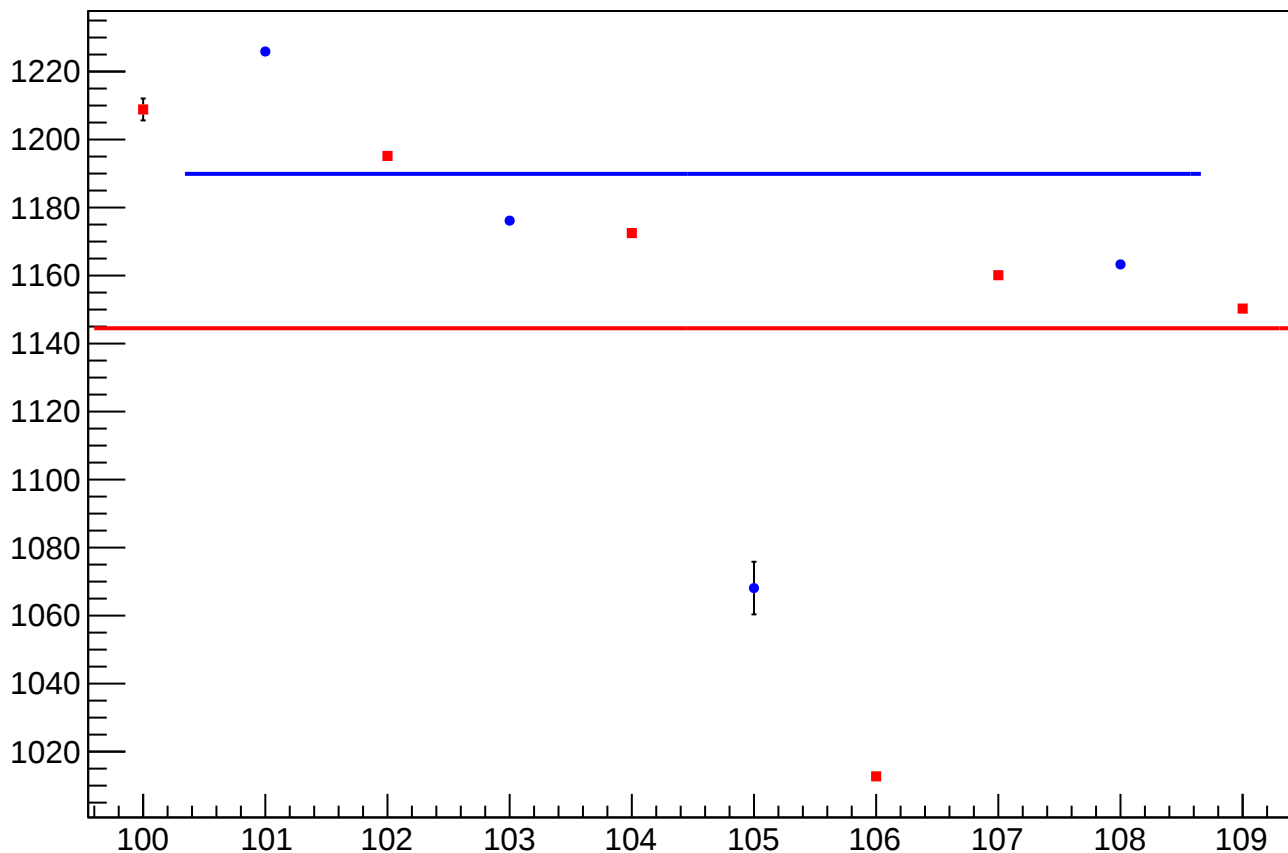
Right Out: 5.564+/-0.757 χ^2/NDF : 4.5/5

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

-6.432+/-0.958 χ^2/NDF : 0.3/3

5.564+/-0.757 χ^2/NDF : 4.5/5

diff_bpm0l07Y_rms vs slug



Right In: 1189.908 $\pm$ 0.677 χ^2 /NDF: 1814.1/3

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

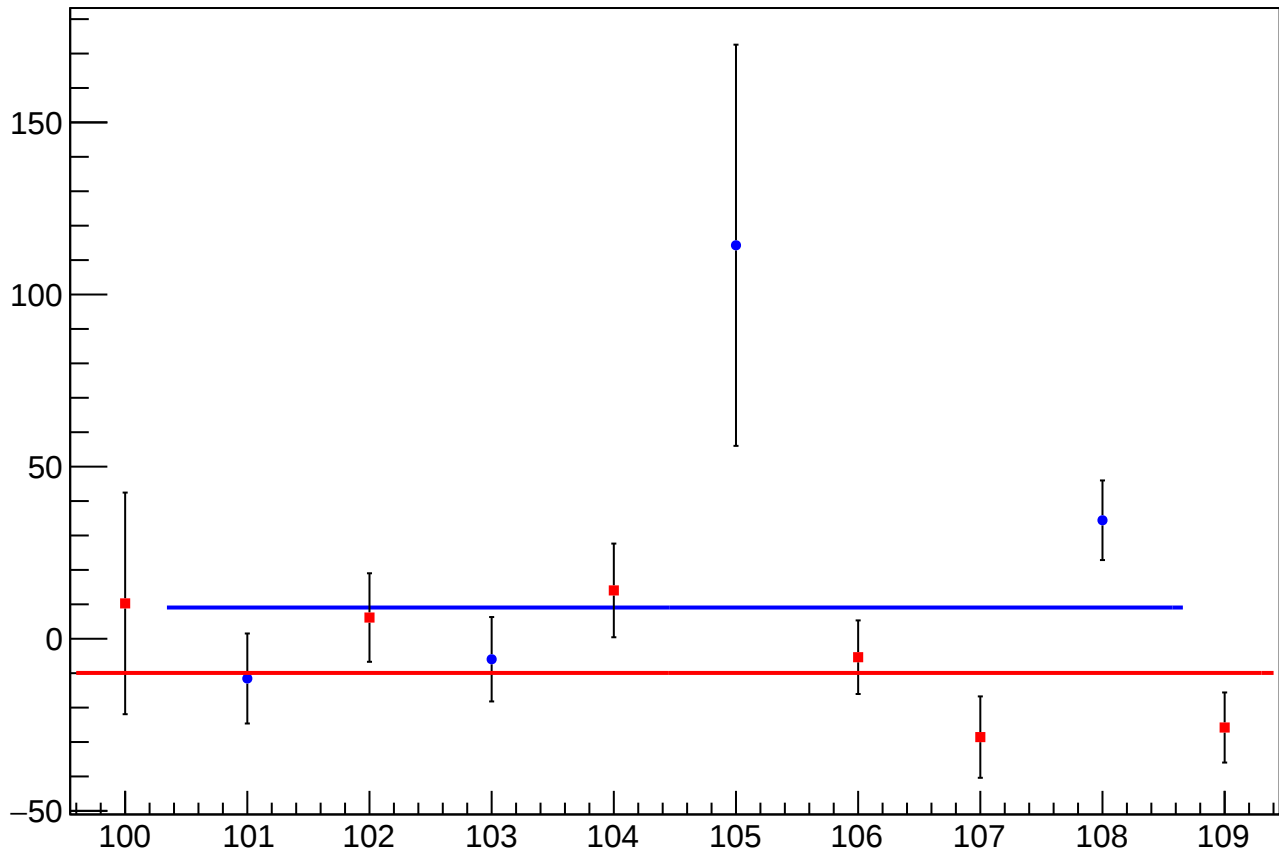
Right Out: 1144.504 $\pm$ 0.535 χ^2 /NDF: 13350.0/5

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

1189.908 $\pm$ 0.677 χ^2 /NDF: 1814.1/3

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

diff_bpm0l08X_mean vs slug



Right In: 9.073+/-7.022 χ^2/NDF : 12.1/3

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

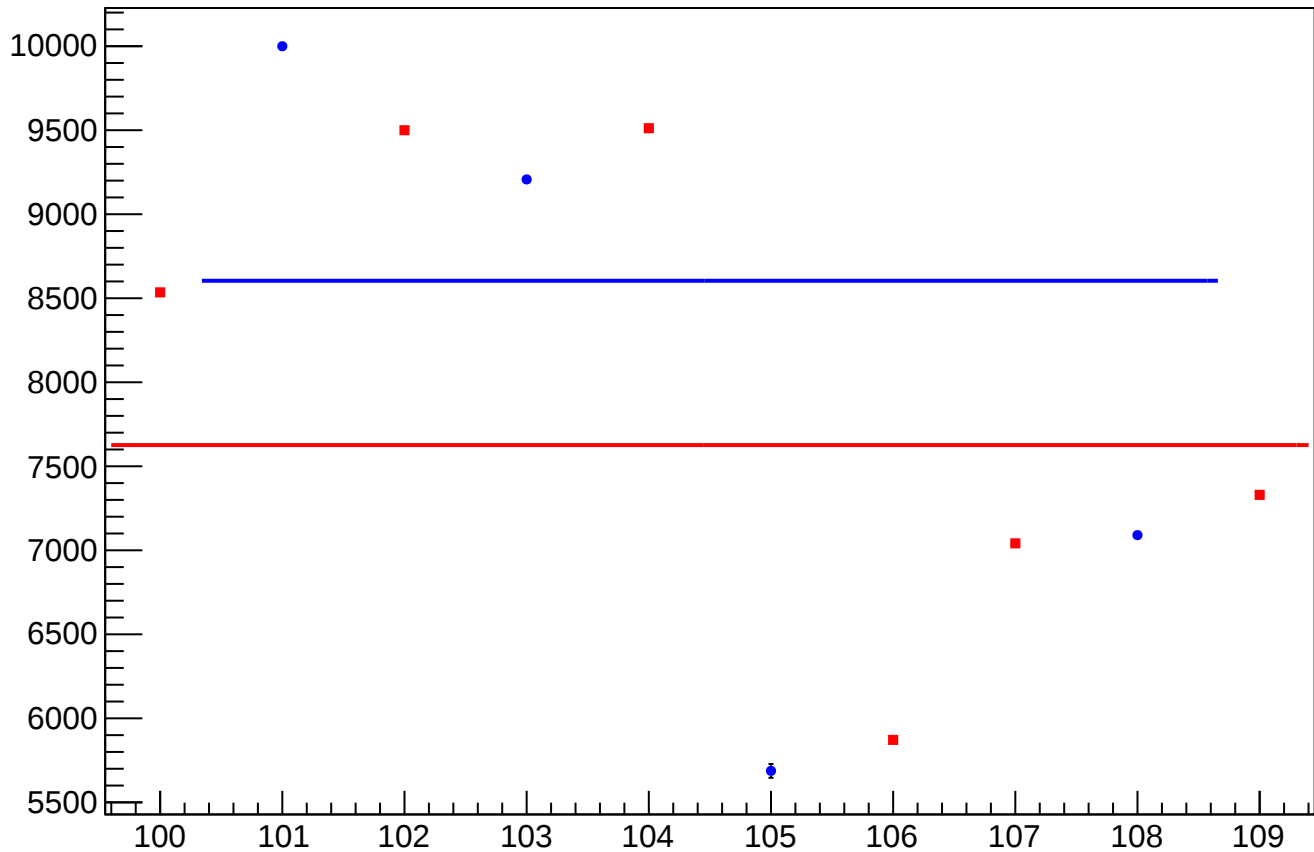
Right Out: -9.929+/-5.132 χ^2/NDF : 10.2/5

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

9.073+/-7.022 χ^2/NDF : 12.1/3

-9.929+/-5.132 χ^2/NDF : 10.2/5

diff_bpm0l08X_rms vs slug



Right In: 8604.065 $\pm$ 4.966 χ^2 /NDF: 66916.2/3

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

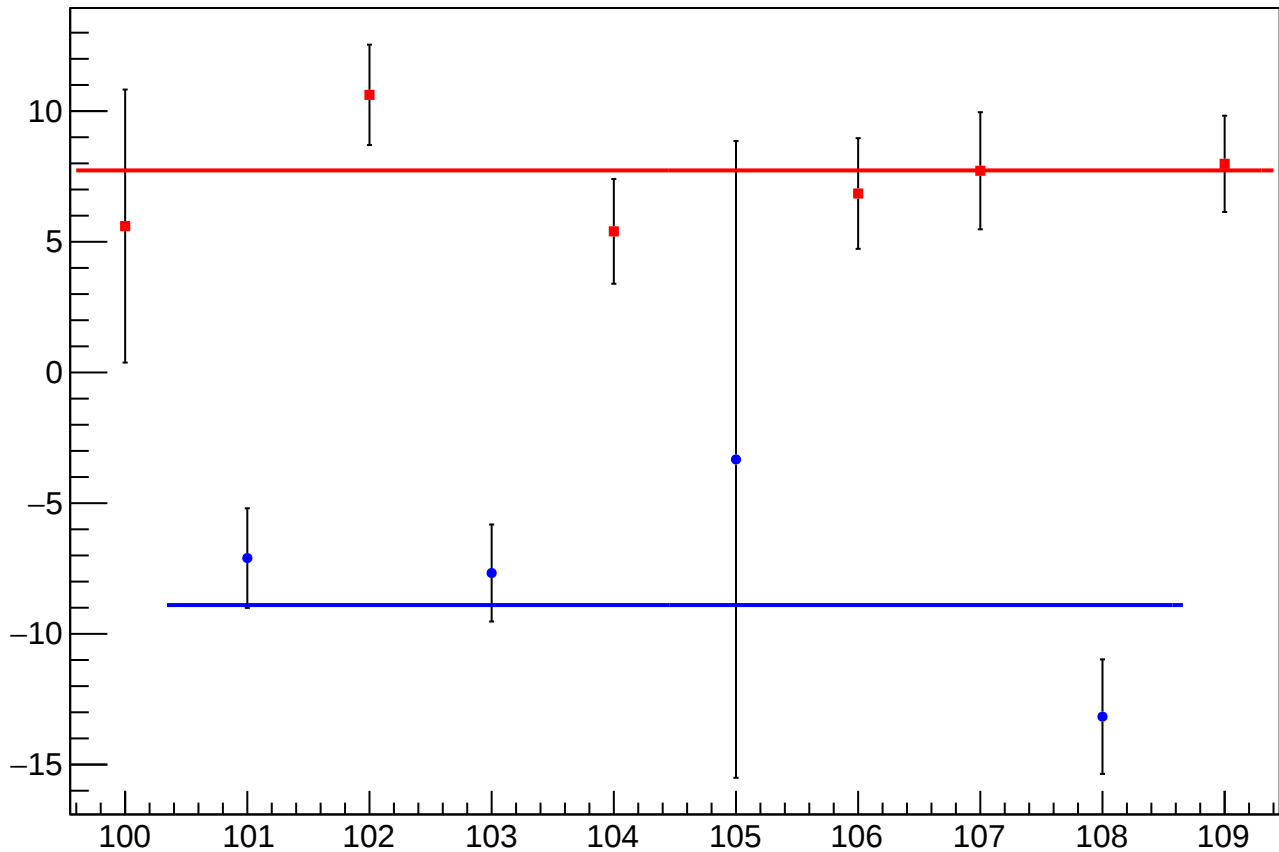
8604.065 $\pm$ 4.966 χ^2 /NDF: 66916.2/3

Right Out: 7626.205 $\pm$ 3.629 χ^2 /NDF: 142925.4/5

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

7626.205 $\pm$ 3.629 χ^2 /NDF: 142925.4/5

diff_bpm0l08Y_mean vs slug



Right In: -8.898 $\pm$ 1.132 χ^2 /NDF: 5.3/3

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

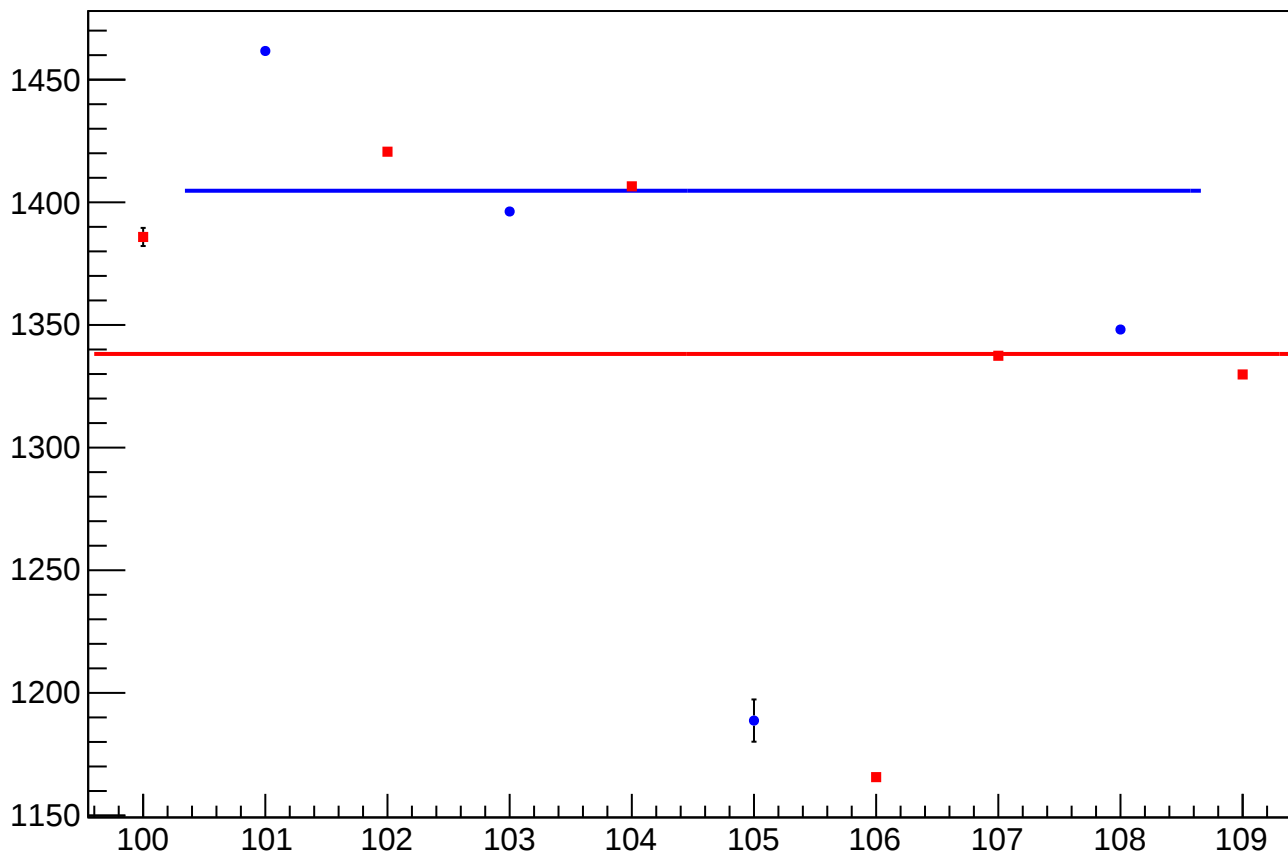
Right Out: 7.731 $\pm$ 0.886 χ^2 /NDF: 4.0/5

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

-8.898 $\pm$ 1.132 χ^2 /NDF: 5.3/3

7.731 $\pm$ 0.886 χ^2 /NDF: 4.0/5

diff_bpm0l08Y_rms vs slug



Right In: 1404.719 $\pm$ 0.800 χ^2 /NDF: 3793.8/3

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

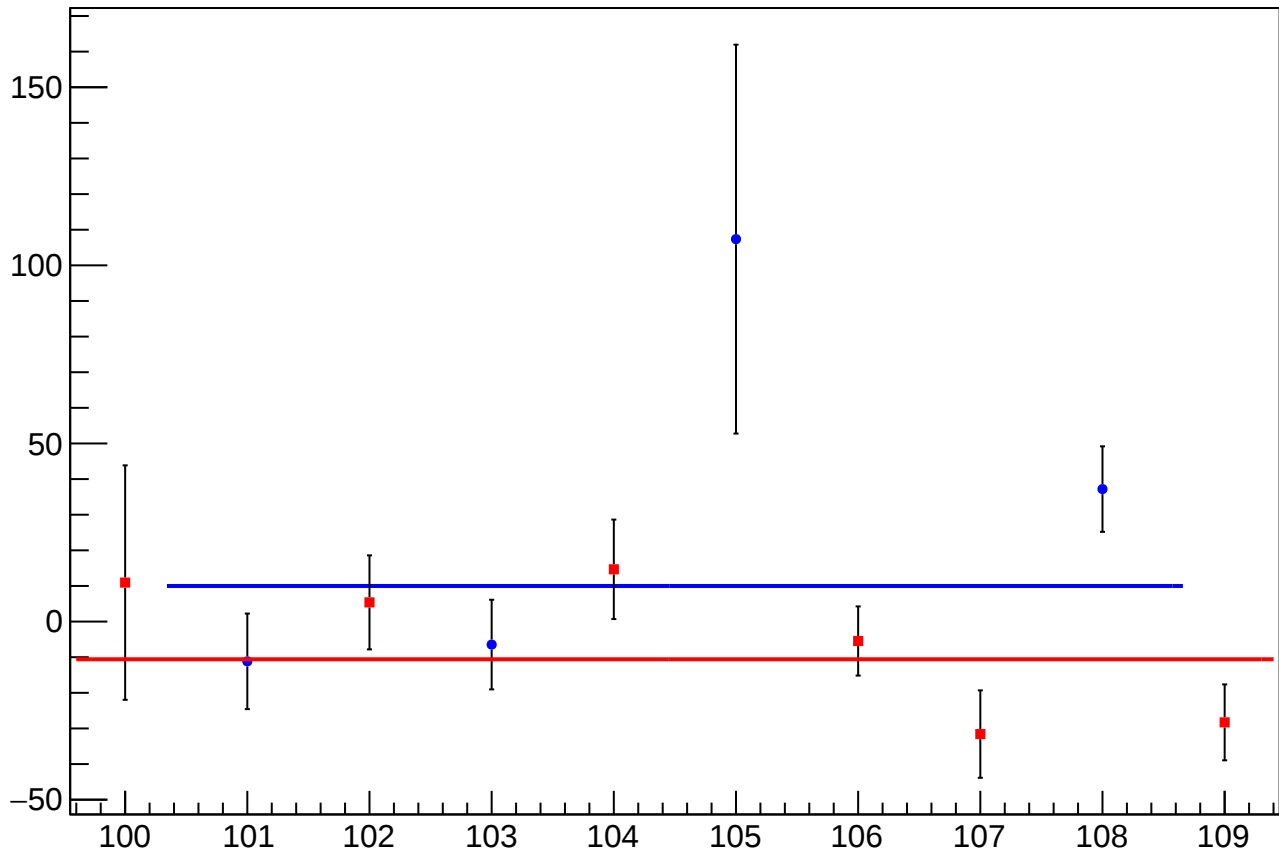
Right Out: 1338.185 $\pm$ 0.627 χ^2 /NDF: 19500.8/5

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

1404.719 $\pm$ 0.800 χ^2 /NDF: 3793.8/3

1338.185 $\pm$ 0.627 χ^2 /NDF: 19500.8/5

diff_bpm0l09X_mean vs slug



Right In: 9.993+/-7.226 χ^2/NDF : 12.5/3

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

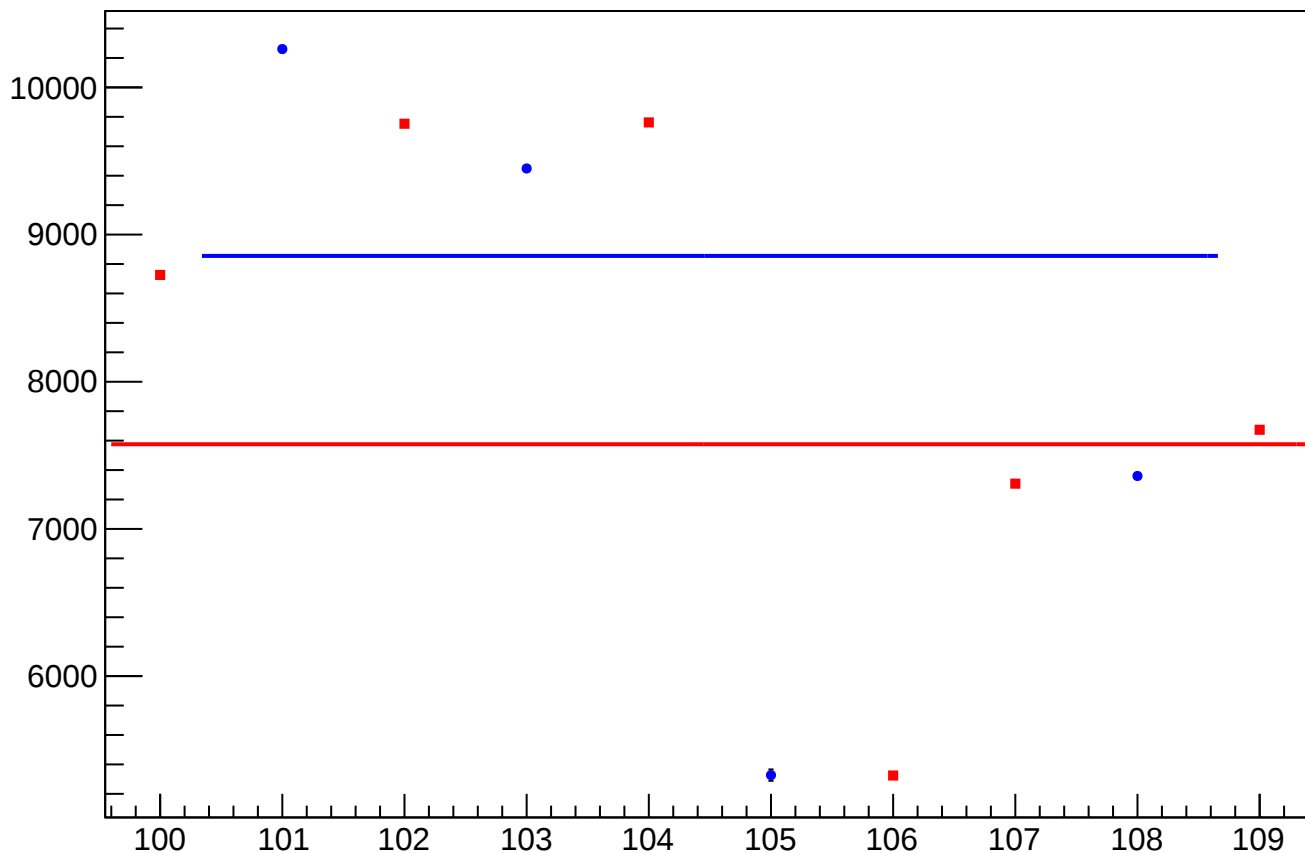
Right Out: -10.582+/-5.141 χ^2/NDF : 11.1/5

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

9.993+/-7.226 χ^2/NDF : 12.5/3

-10.582+/-5.141 χ^2/NDF : 11.1/5

diff_bpm0l09X_rms vs slug



Right In: 8855.023+/-5.109 χ^2/NDF : 65818.2/3

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

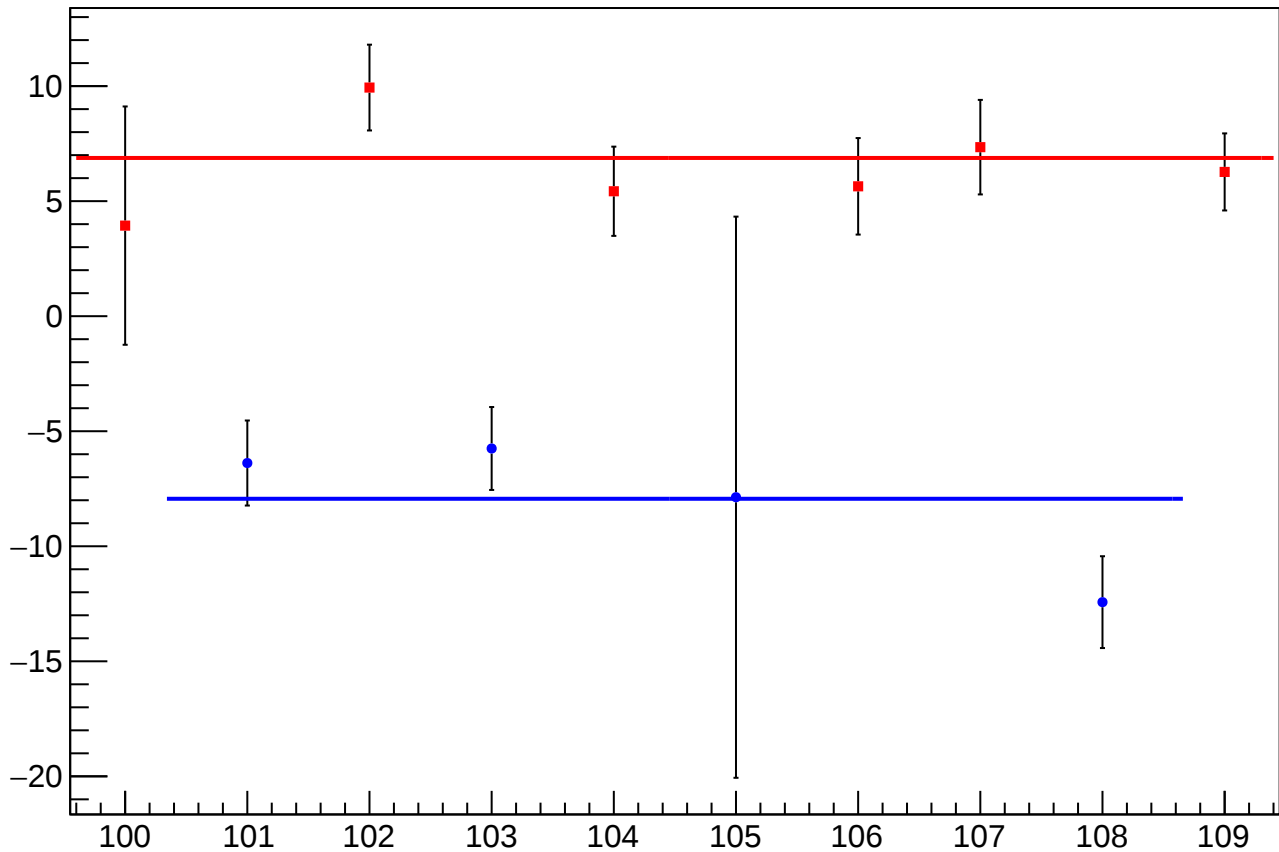
Right Out: 7575.410+/-3.635 χ^2/NDF : 214440.5/5

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

8855.023+/-5.109 χ^2/NDF : 65818.2/3

7575.410+/-3.635 χ^2/NDF : 214440.5/5

diff_bpm0l09Y_mean vs slug



Right In: -7.936+/-1.079 χ^2/NDF : 7.2/3

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

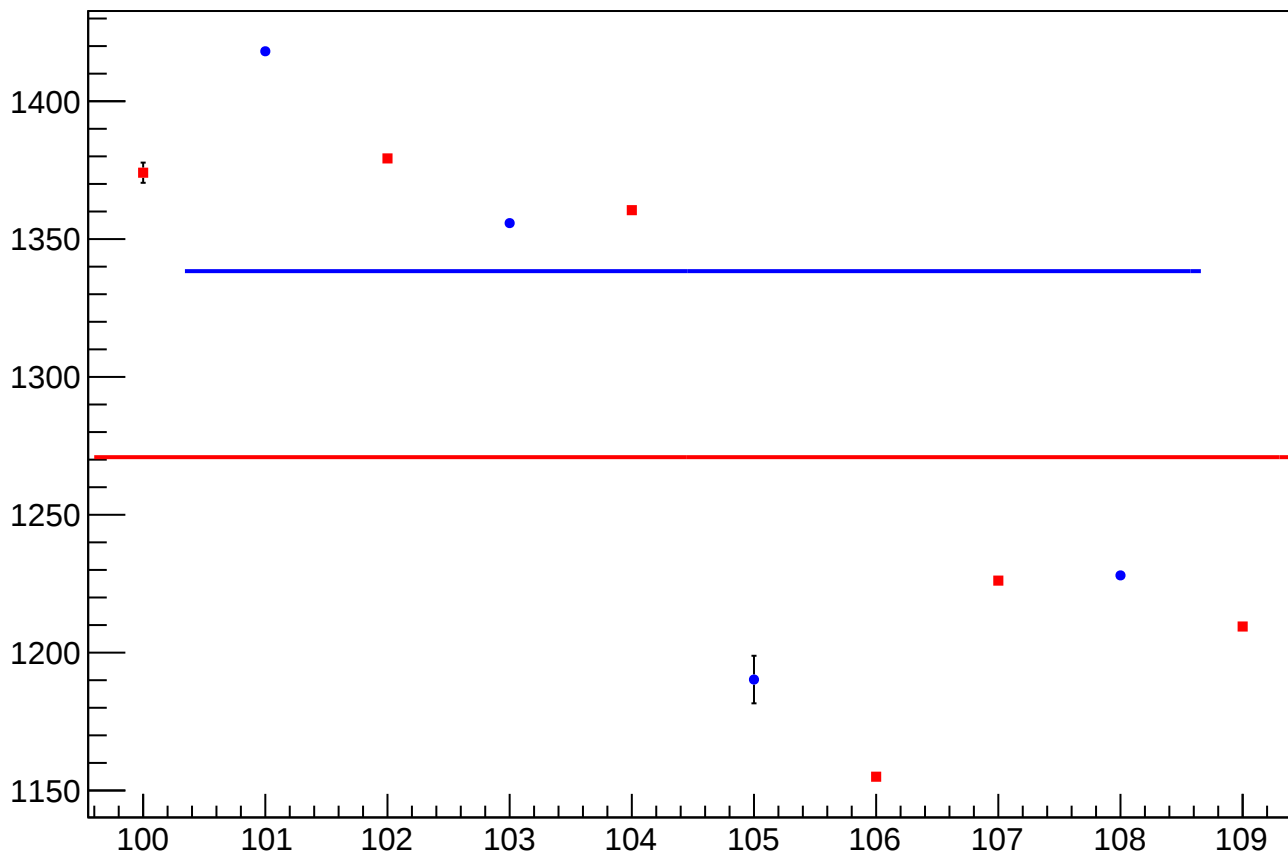
Right Out: 6.877+/-0.842 χ^2/NDF : 4.1/5

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

-7.936+/-1.079 χ^2/NDF : 7.2/3

6.877+/-0.842 χ^2/NDF : 4.1/5

diff_bpm0l09Y_rms vs slug



Right In: 1338.371 $\pm$ 0.763 χ^2/NDF : 10322.9/3

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

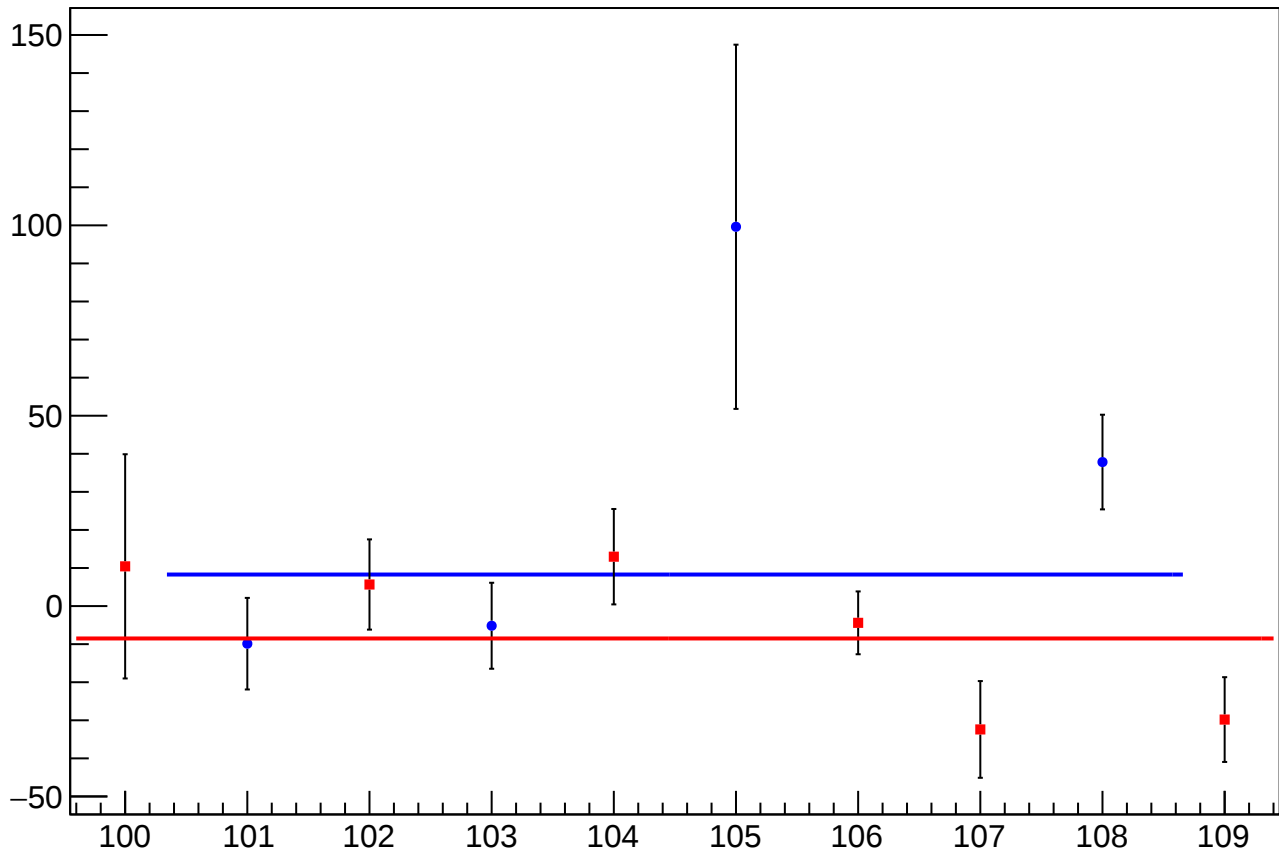
Right Out: 1270.898 $\pm$ 0.595 χ^2/NDF : 21563.9/5

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

1338.371 $\pm$ 0.763 χ^2/NDF : 10322.9/3

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

diff_bpm0l10X_mean vs slug



Right In: 8.287+/-6.795 χ^2/NDF : 13.0/3

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

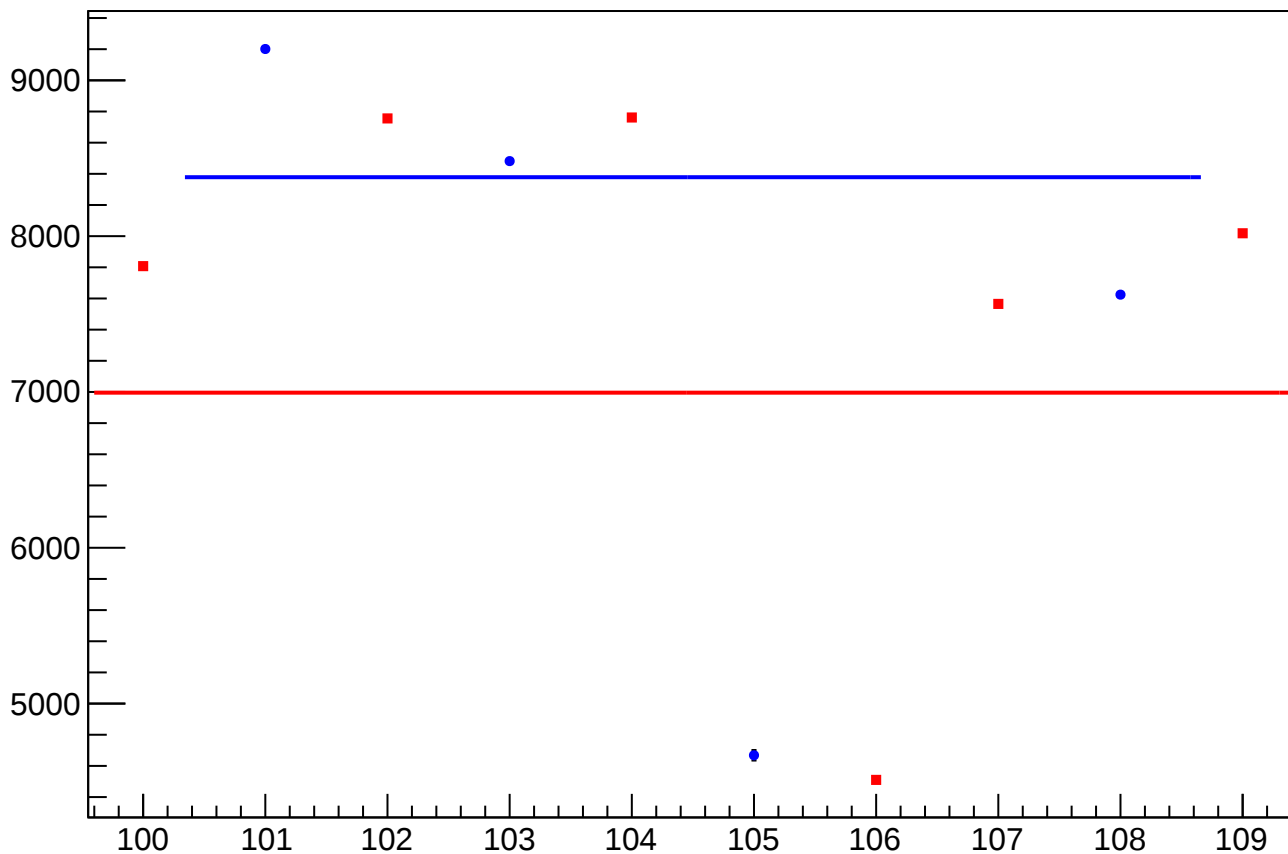
Right Out: -8.507+/-4.790 χ^2/NDF : 12.2/5

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

8.287+/-6.795 χ^2/NDF : 13.0/3

-8.507+/-4.790 χ^2/NDF : 12.2/5

diff_bpm0l10X_rms vs slug



Right In: 8378.351 $\pm$ 4.805 χ^2 /NDF: 28912.8/3

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

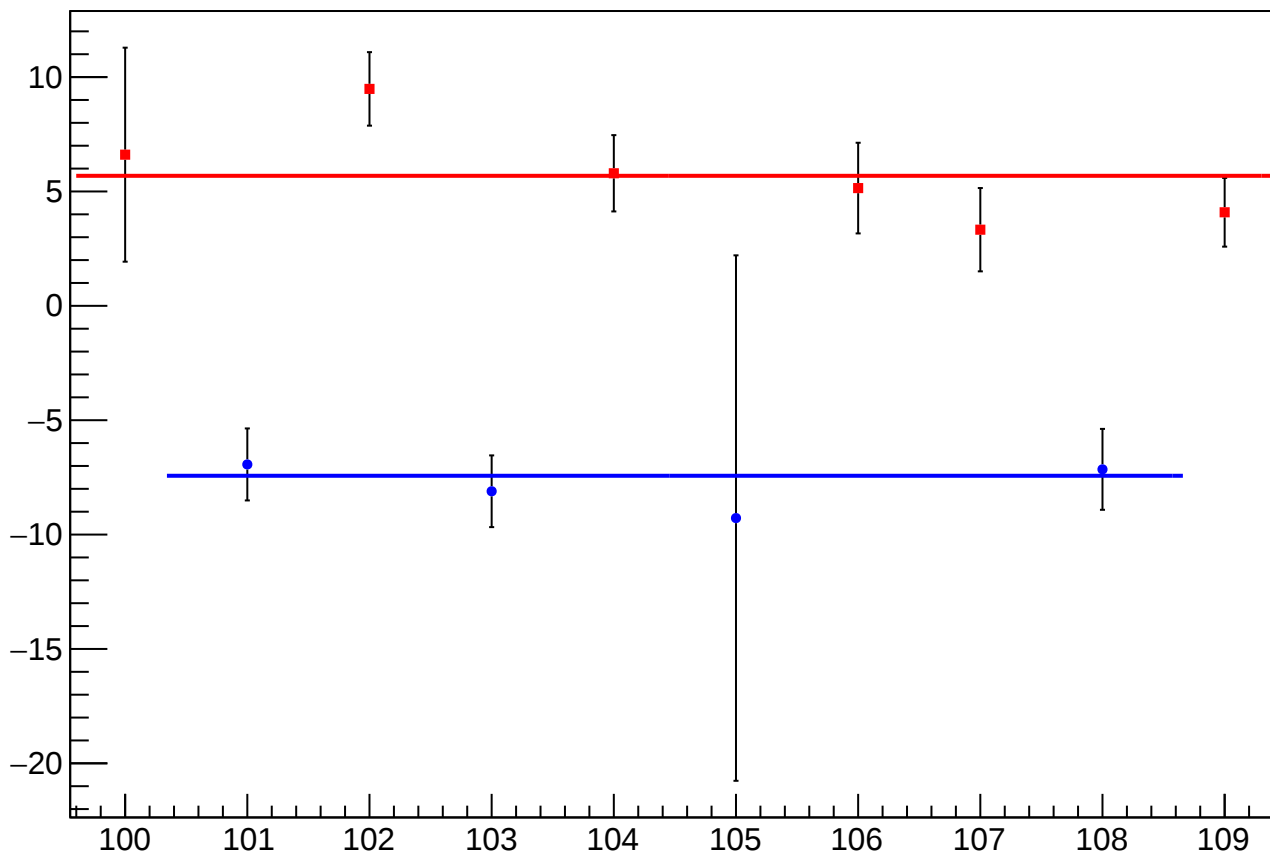
Right Out: 6995.513 $\pm$ 3.387 χ^2 /NDF: 287681.6/5

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

8378.351 $\pm$ 4.805 χ^2 /NDF: 28912.8/3

6995.513 $\pm$ 3.387 χ^2 /NDF: 287681.6/5

diff_bpm0l10Y_mean vs slug



Right In: -7.429+/-0.938 χ^2/NDF : 0.3/3

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

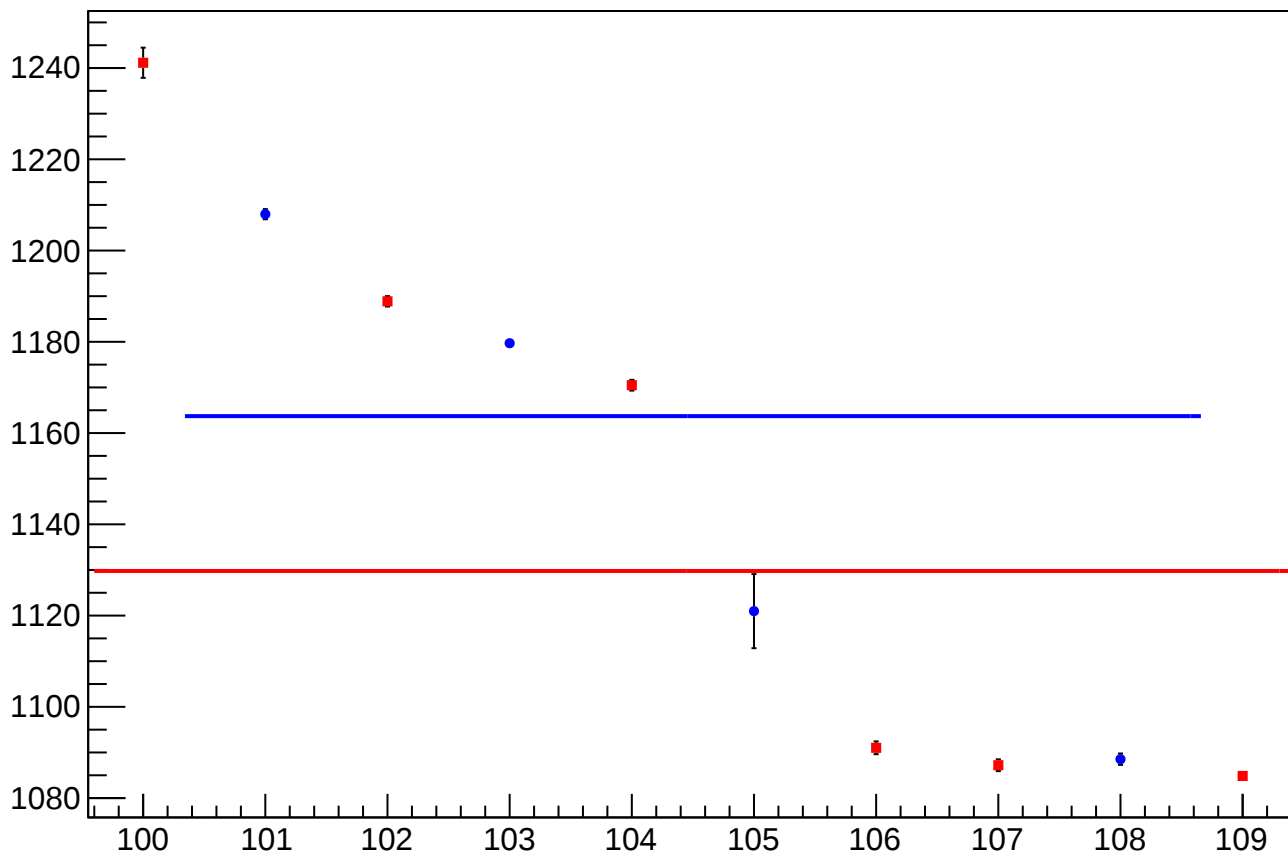
Right Out: 5.684+/-0.747 χ^2/NDF : 8.5/5

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

-7.429+/-0.938 χ^2/NDF : 0.3/3

5.684+/-0.747 χ^2/NDF : 8.5/5

diff_bpm0l10Y_rms vs slug



Right In: 1163.713 $\pm$ 0.663 χ^2 /NDF: 5431.7/3

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

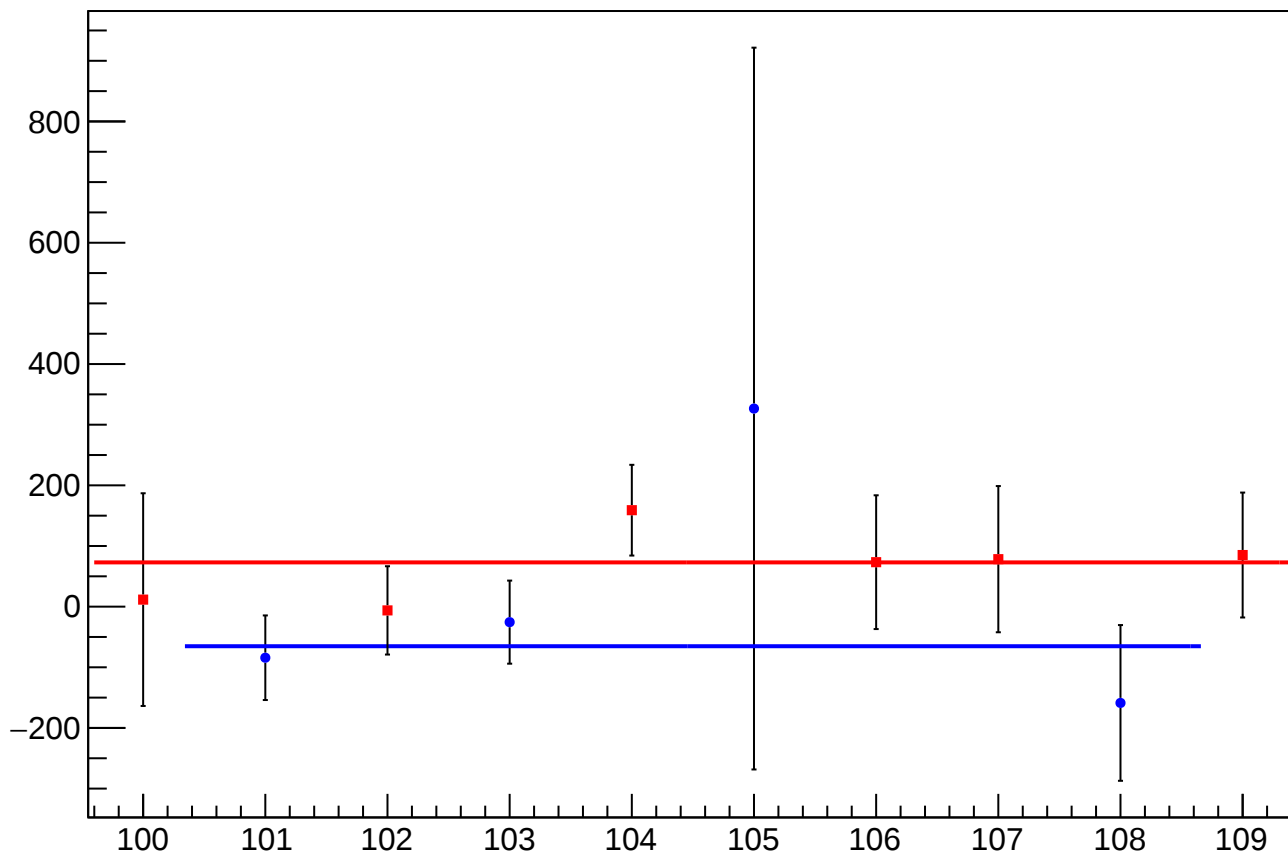
Right Out: 1129.777 $\pm$ 0.528 χ^2 /NDF: 8676.3/5

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

1163.713 $\pm$ 0.663 χ^2 /NDF: 5431.7/3

1129.777 $\pm$ 0.528 χ^2 /NDF: 8676.3/5

diff_bpm0r03X_mean vs slug



Right In: -65.262 $\pm$ 45.534 χ^2 /NDF: 1.4/3

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

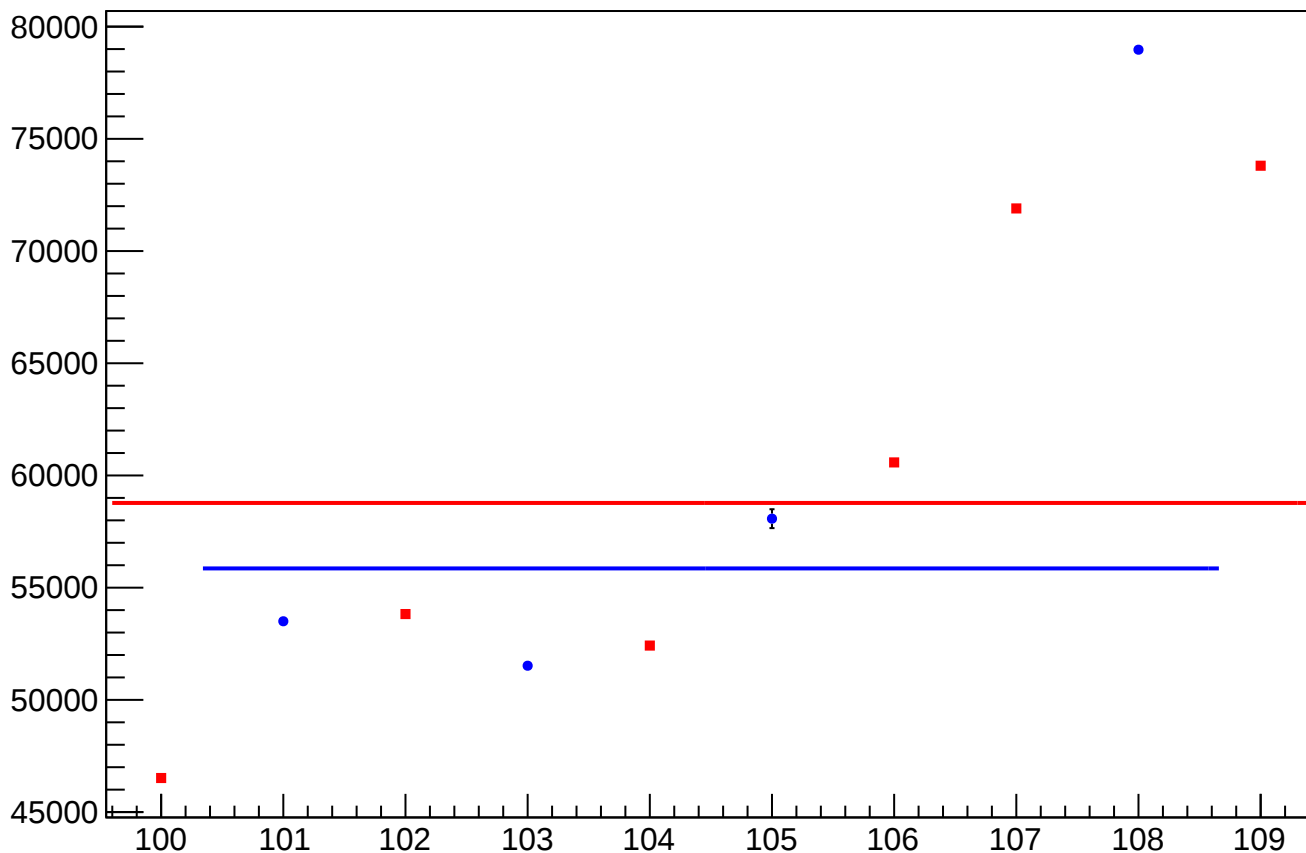
Right Out: 72.954 $\pm$ 39.365 χ^2 /NDF: 2.6/5

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

-65.262 $\pm$ 45.534 χ^2 /NDF: 1.4/3

72.954 $\pm$ 39.365 χ^2 /NDF: 2.6/5

diff_bpm0r03X_rms vs slug



Right In: 55857.664 $\pm$ 32.197 χ^2 /NDF: 75149.0/3

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

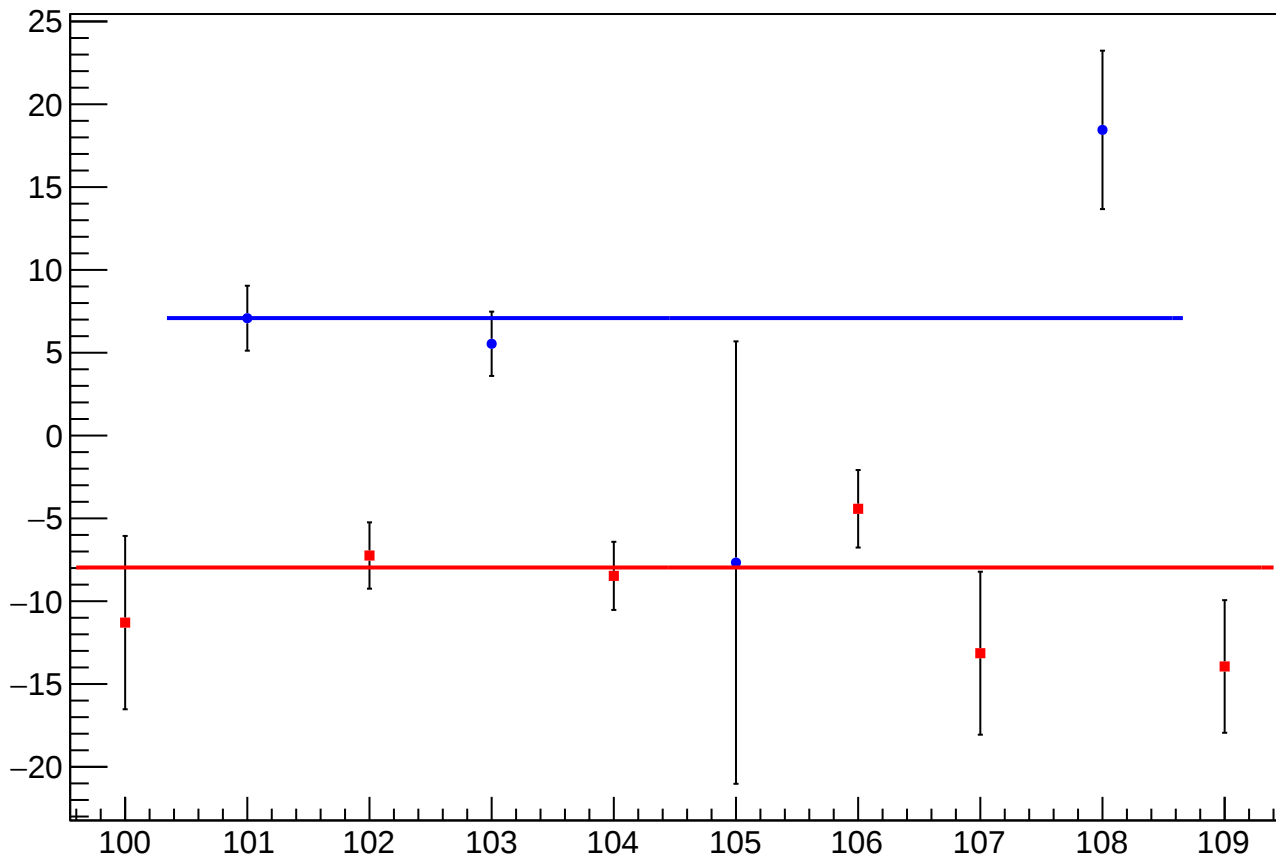
Right Out: 58775.392 $\pm$ 27.835 χ^2 /NDF: 100290.5/5

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

55857.664 $\pm$ 32.197 χ^2 /NDF: 75149.0/3

58775.392 $\pm$ 27.835 χ^2 /NDF: 100290.5/5

diff_bpm0r03Y_mean vs slug



Right In: 7.091 $\pm$ 1.318 χ^2 /NDF: 7.5/3

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

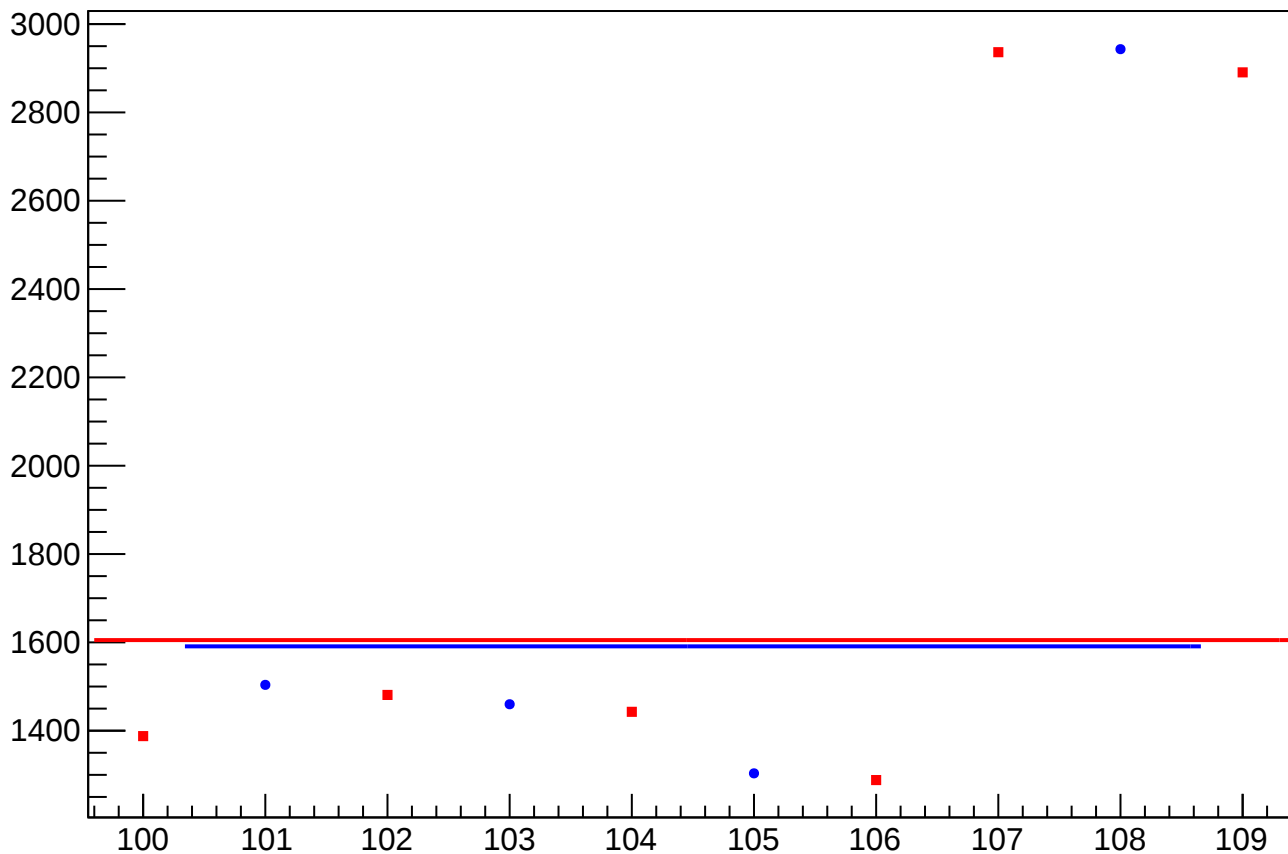
7.091 $\pm$ 1.318 χ^2 /NDF: 7.5/3

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

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

-7.965 $\pm$ 1.112 χ^2 /NDF: 6.2/5

diff_bpm0r03Y_rms vs slug



Right In: 1590.979 $\pm$ 0.932 χ^2 /NDF: 173933.2/3

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

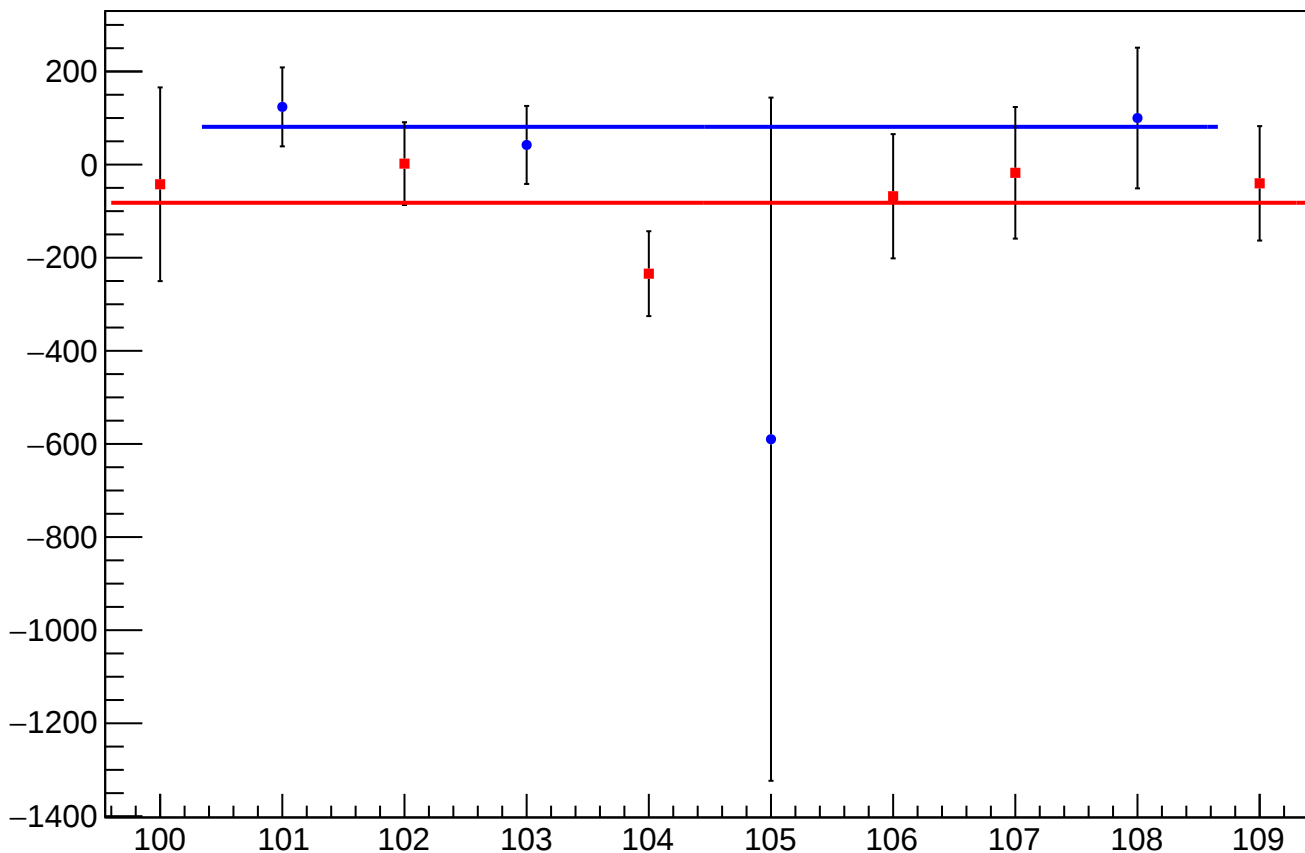
Right Out: 1605.152 $\pm$ 0.786 χ^2 /NDF: 412982.0/5

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

1590.979 $\pm$ 0.932 χ^2 /NDF: 173933.2/3

1605.152 $\pm$ 0.786 χ^2 /NDF: 412982.0/5

diff_bpm0r05X_mean vs slug



Right In: 81.114+/-55.284 χ^2/NDF : 1.3/3

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

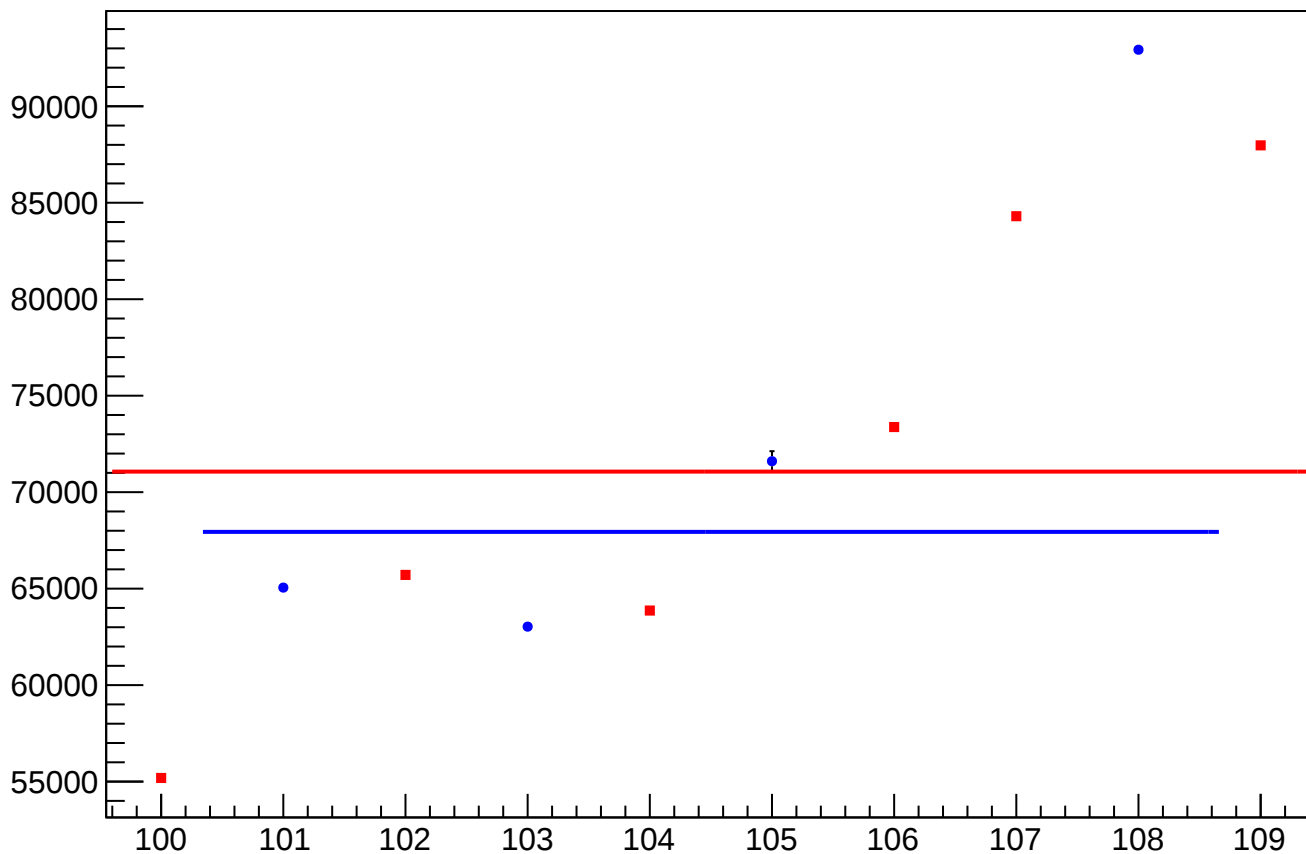
Right Out: -82.006+/-47.538 χ^2/NDF : 4.1/5

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

81.114+/-55.284 χ^2/NDF : 1.3/3

-82.006+/-47.538 χ^2/NDF : 4.1/5

diff_bpm0r05X_rms vs slug



Right In: 67942.146 $\pm$ 39.092 χ^2 /NDF: 63941.6/3

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

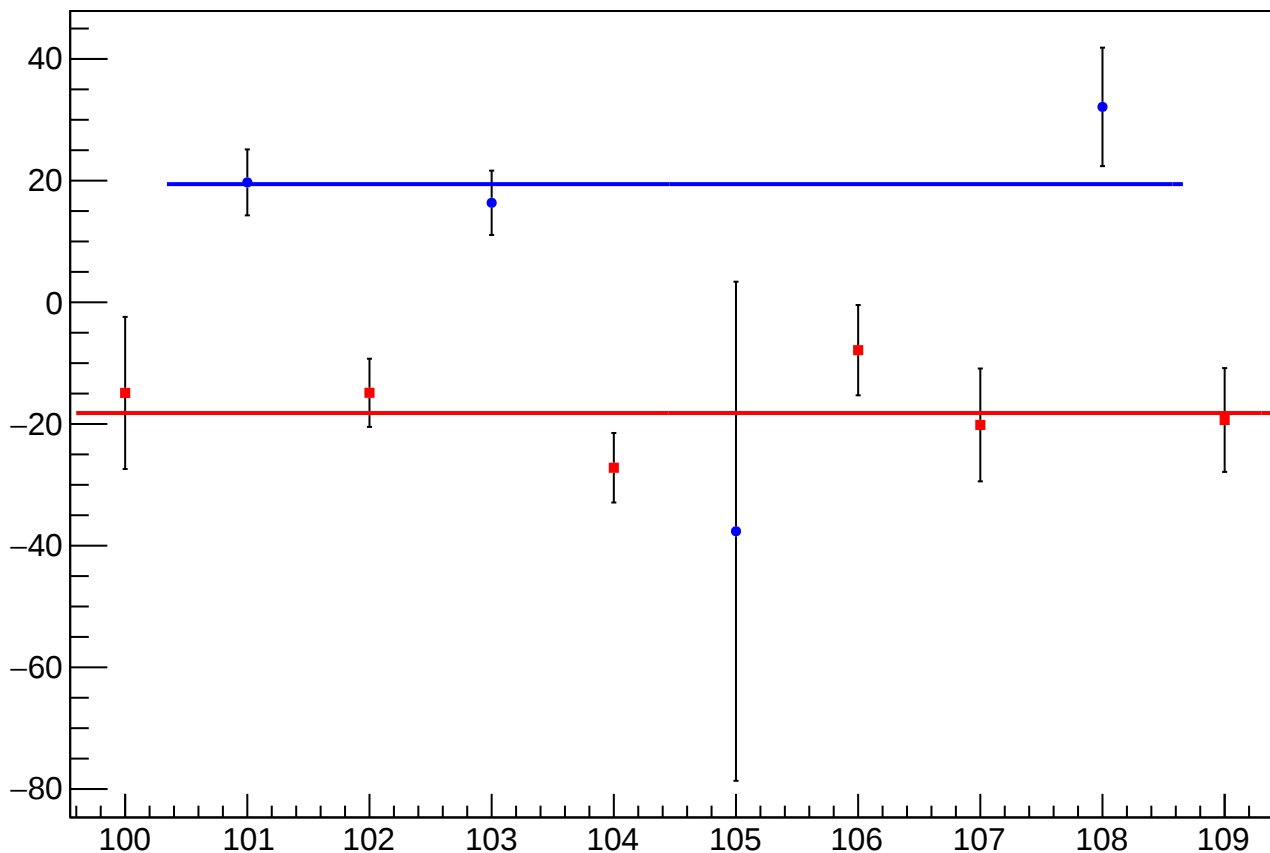
Right Out: 71065.757 $\pm$ 33.614 χ^2 /NDF: 87379.9/5

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

67942.146 $\pm$ 39.092 χ^2 /NDF: 63941.6/3

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

diff_bpm0r05Y_mean vs slug



Right In: 19.425+/-3.515 χ^2 /NDF: 4.0/3

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

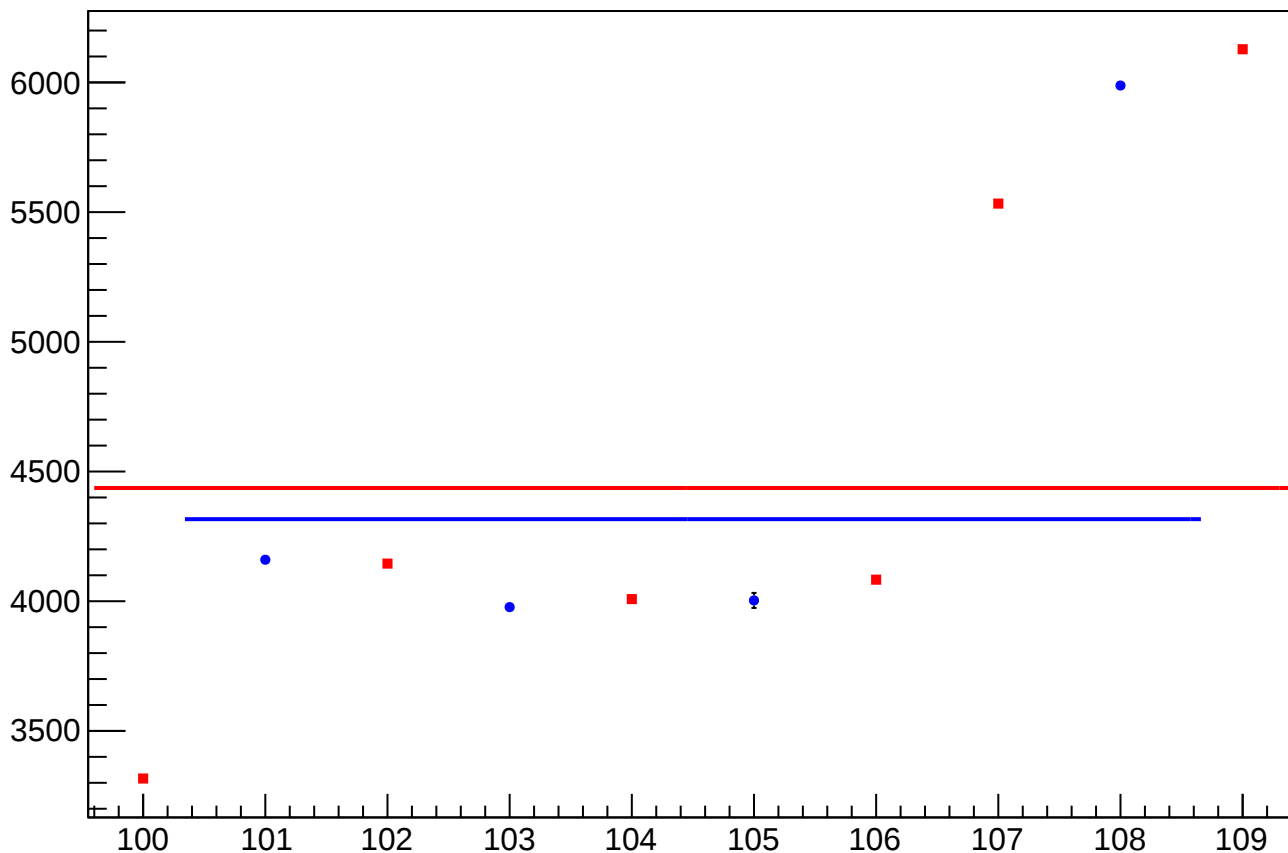
Right Out: -18.193+/-2.983 χ^2 /NDF: 4.9/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

19.425+/-3.515 χ^2 /NDF: 4.0/3

-18.193+/-2.983 χ^2 /NDF: 4.9/5

diff_bpm0r05Y_rms vs slug



Right In: 4316.356+/-2.485 χ^2/NDF : 68976.7/3

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

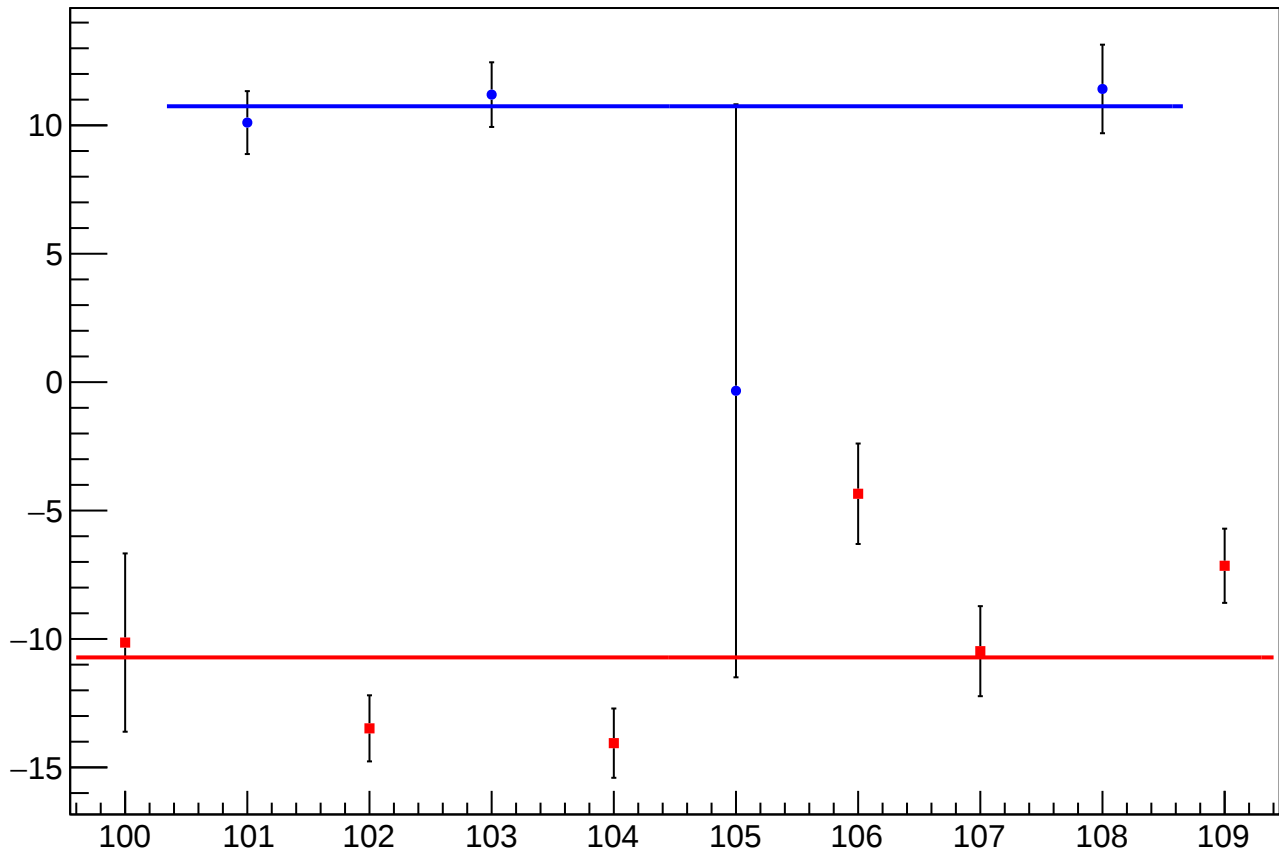
Right Out: 4436.572+/-2.109 χ^2/NDF : 143812.4/5

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

4316.356+/-2.485 χ^2/NDF : 68976.7/3

4436.572+/-2.109 χ^2/NDF : 143812.4/5

diff_bpm2i01X_mean vs slug



Right In: 10.742+/-0.780 χ^2 /NDF: 1.5/3

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

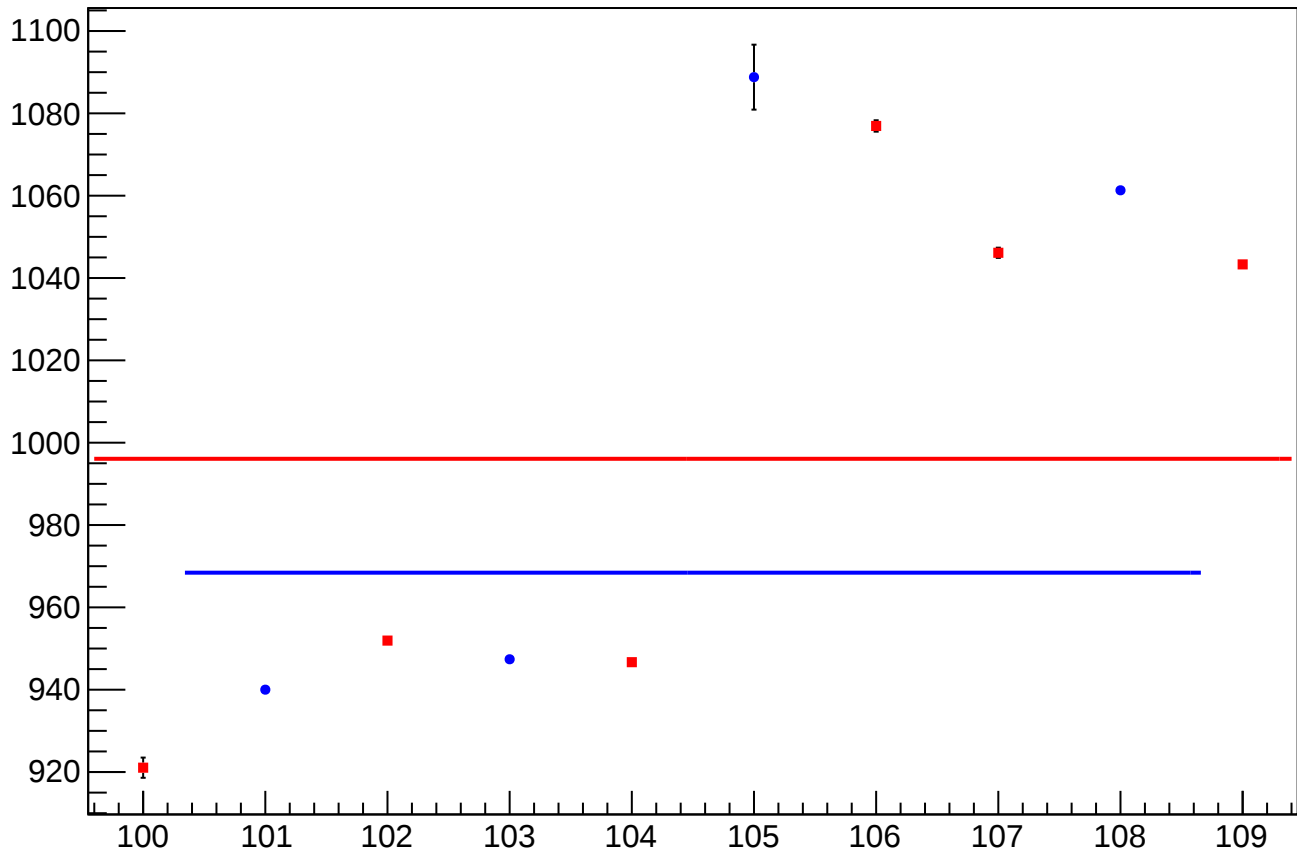
10.742+/-0.780 χ^2 /NDF: 1.5/3

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

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

-10.718+/-0.659 χ^2 /NDF: 27.5/5

diff_bpm2i01X_rms vs slug



Right In: 968.425+/-0.552 χ^2/NDF : 7670.9/3

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

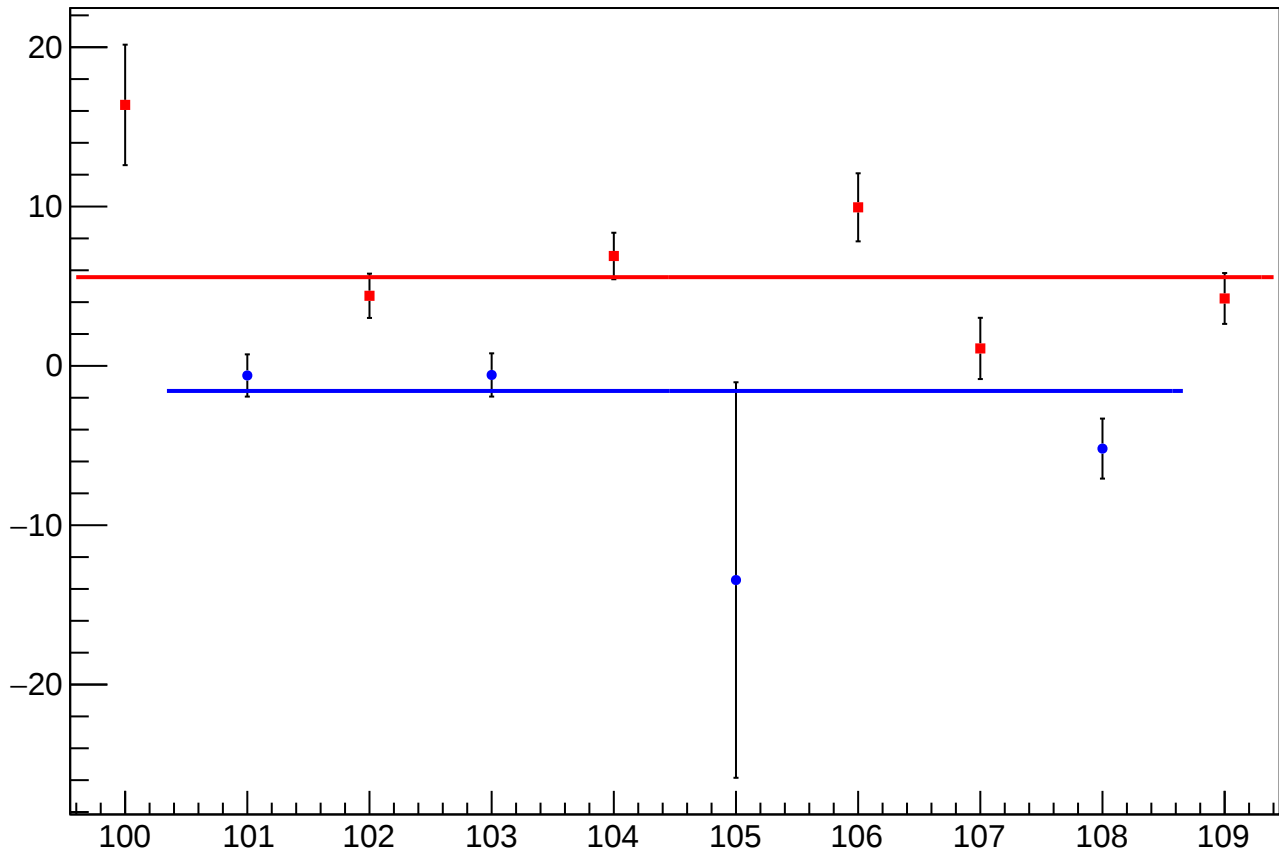
968.425+/-0.552 χ^2/NDF : 7670.9/3

Right Out: 996.088+/-0.466 χ^2/NDF : 13156.8/5

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

996.088+/-0.466 χ^2/NDF : 13156.8/5

diff_bpm2i01Y_mean vs slug



Right In: -1.573+/-0.845 χ^2 /NDF: 5.7/3

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

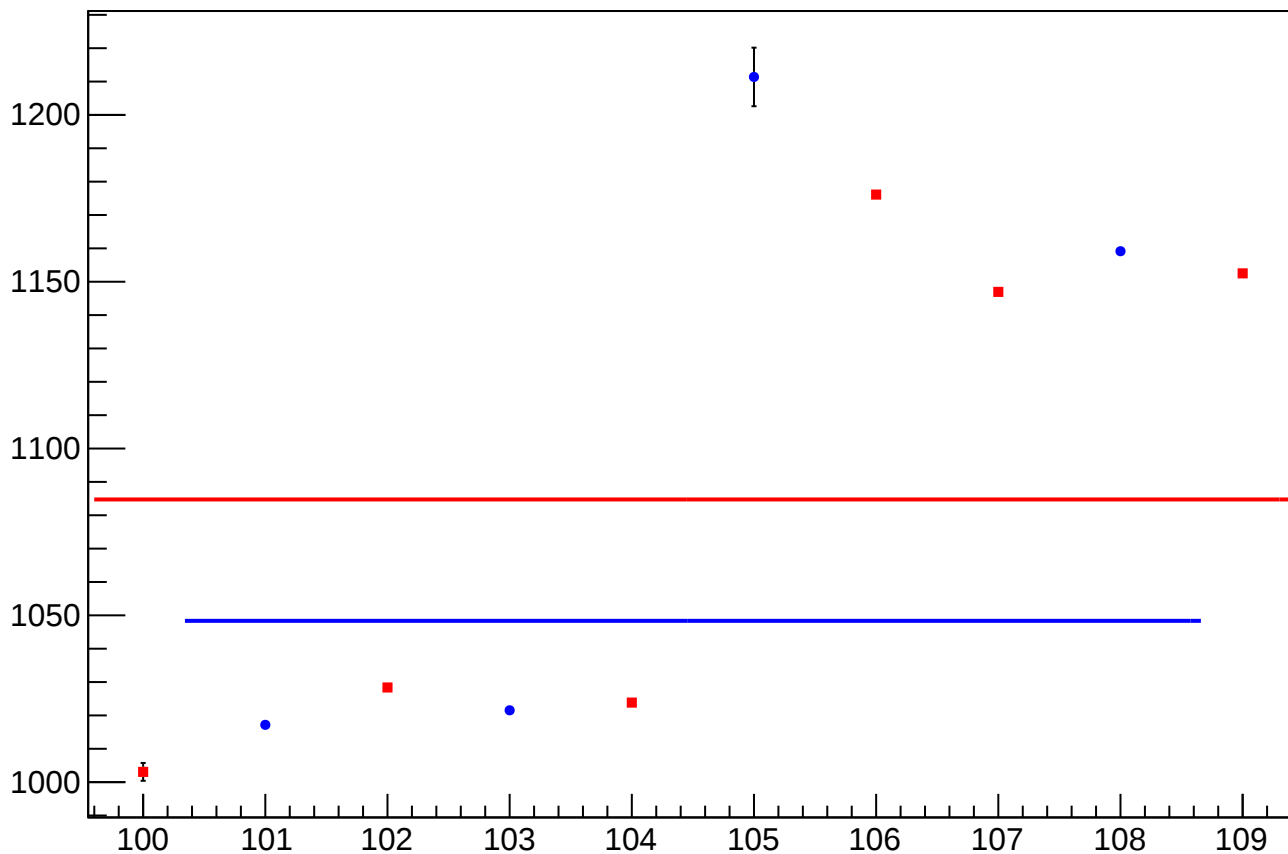
Right Out: 5.568+/-0.718 χ^2 /NDF: 20.0/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.573+/-0.845 χ^2 /NDF: 5.7/3

5.568+/-0.718 χ^2 /NDF: 20.0/5

diff_bpm2i01Y_rms vs slug



Right In: 1048.353 $\pm$ 0.598 χ^2 /NDF: 9152.5/3

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

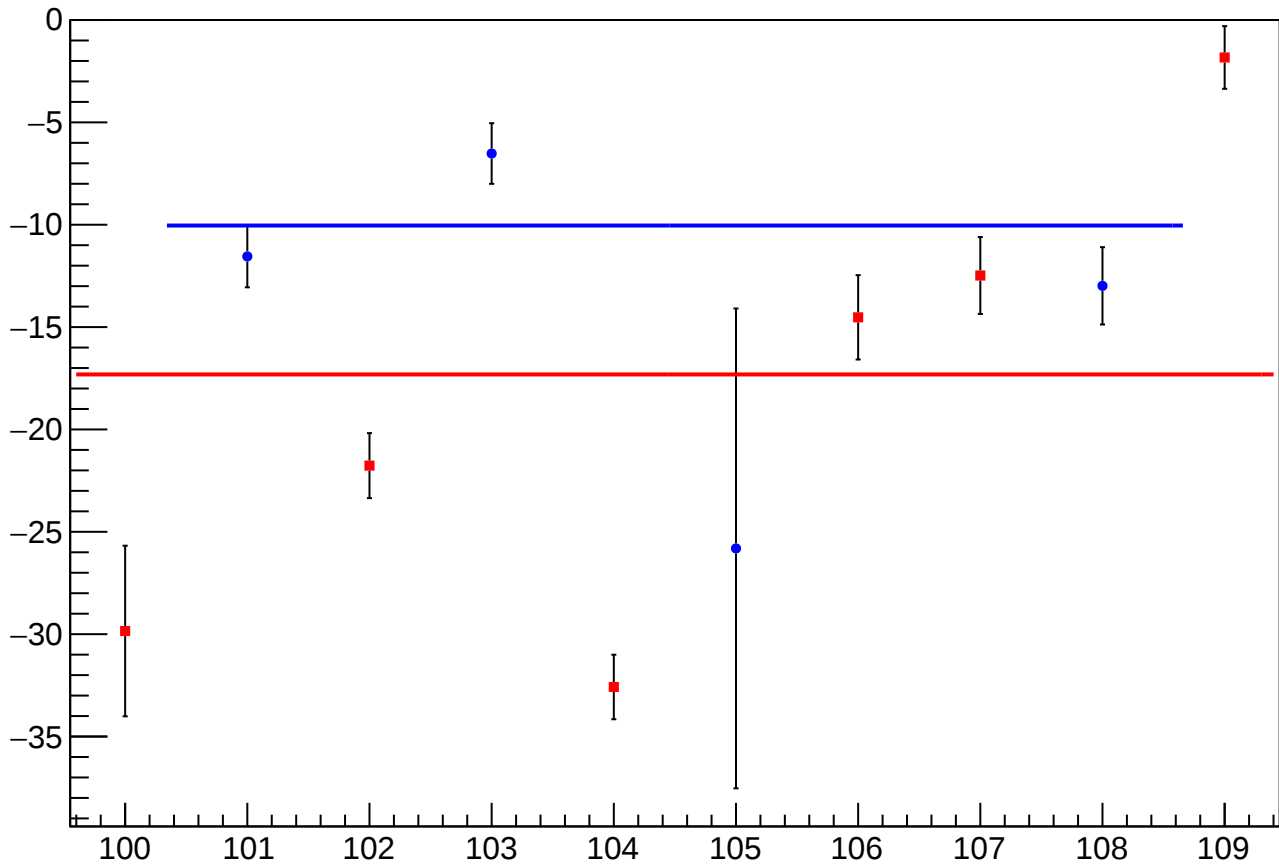
Right Out: 1084.735 $\pm$ 0.508 χ^2 /NDF: 17068.4/5

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

1048.353 $\pm$ 0.598 χ^2 /NDF: 9152.5/3

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

diff_bpm2i02X_mean vs slug



Right In: -10.039 $\pm$ 0.919 χ^2 /NDF: 10.9/3

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

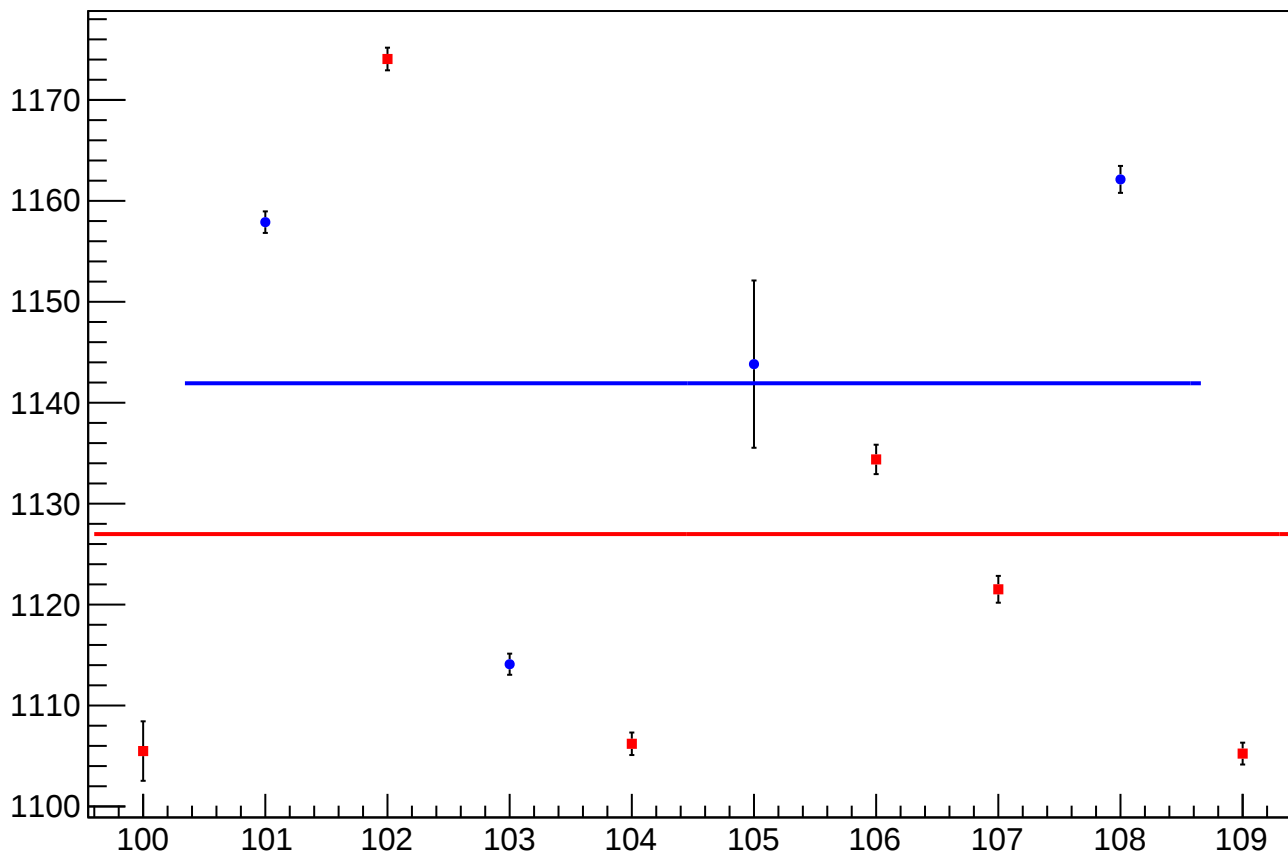
-10.039 $\pm$ 0.919 χ^2 /NDF: 10.9/3

Right Out: -17.312 $\pm$ 0.745 χ^2 /NDF: 221.5/5

-17.312 $\pm$ 0.745 χ^2 /NDF: 221.5/5

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

diff_bpm2i02X_rms vs slug



Right In: 1141.928 $\pm$ 0.650 χ^2 /NDF: 1159.3/3

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

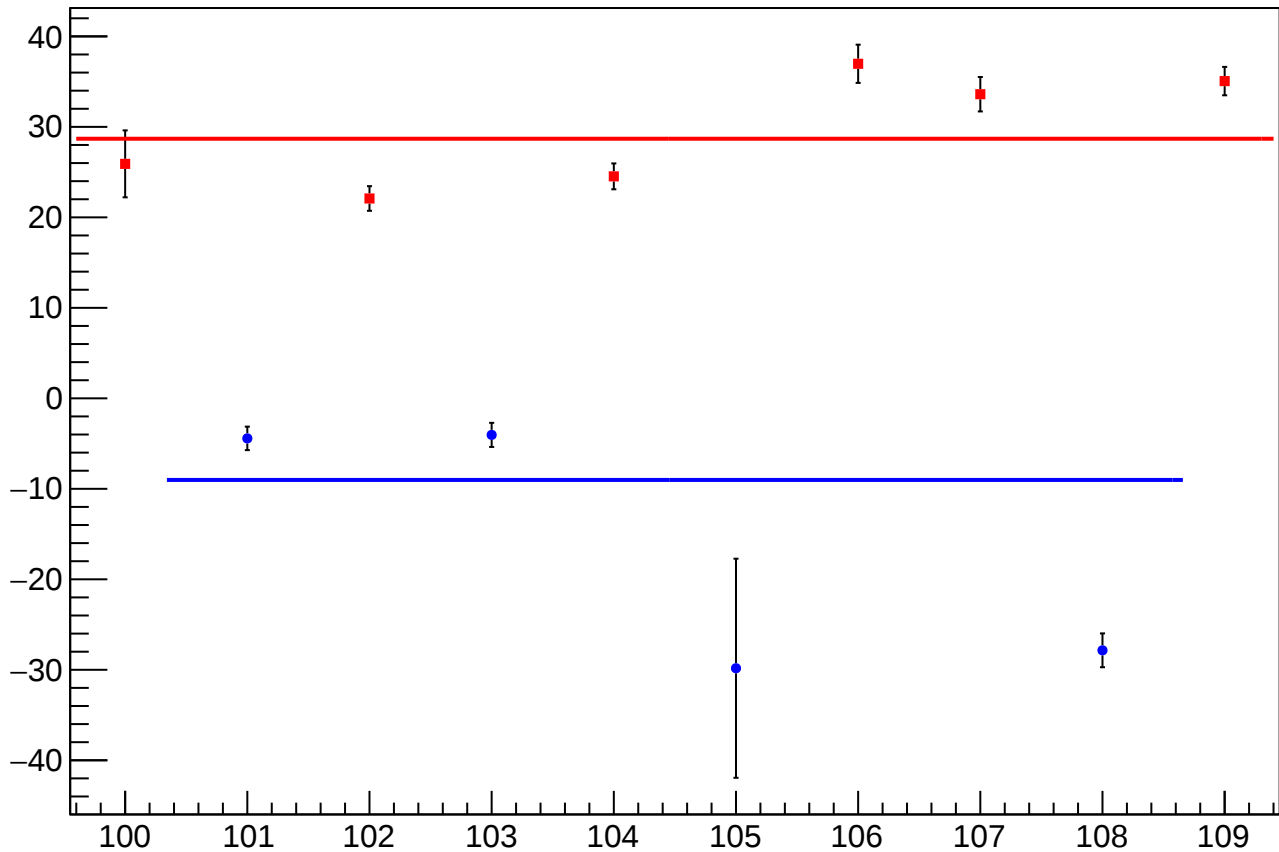
Right Out: 1126.986 $\pm$ 0.527 χ^2 /NDF: 2606.0/5

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

1141.928 $\pm$ 0.650 χ^2 /NDF: 1159.3/3

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

diff_bpm2i02Y_mean vs slug



Right In: -9.019+/-0.830 χ^2/NDF : 130.9/3

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

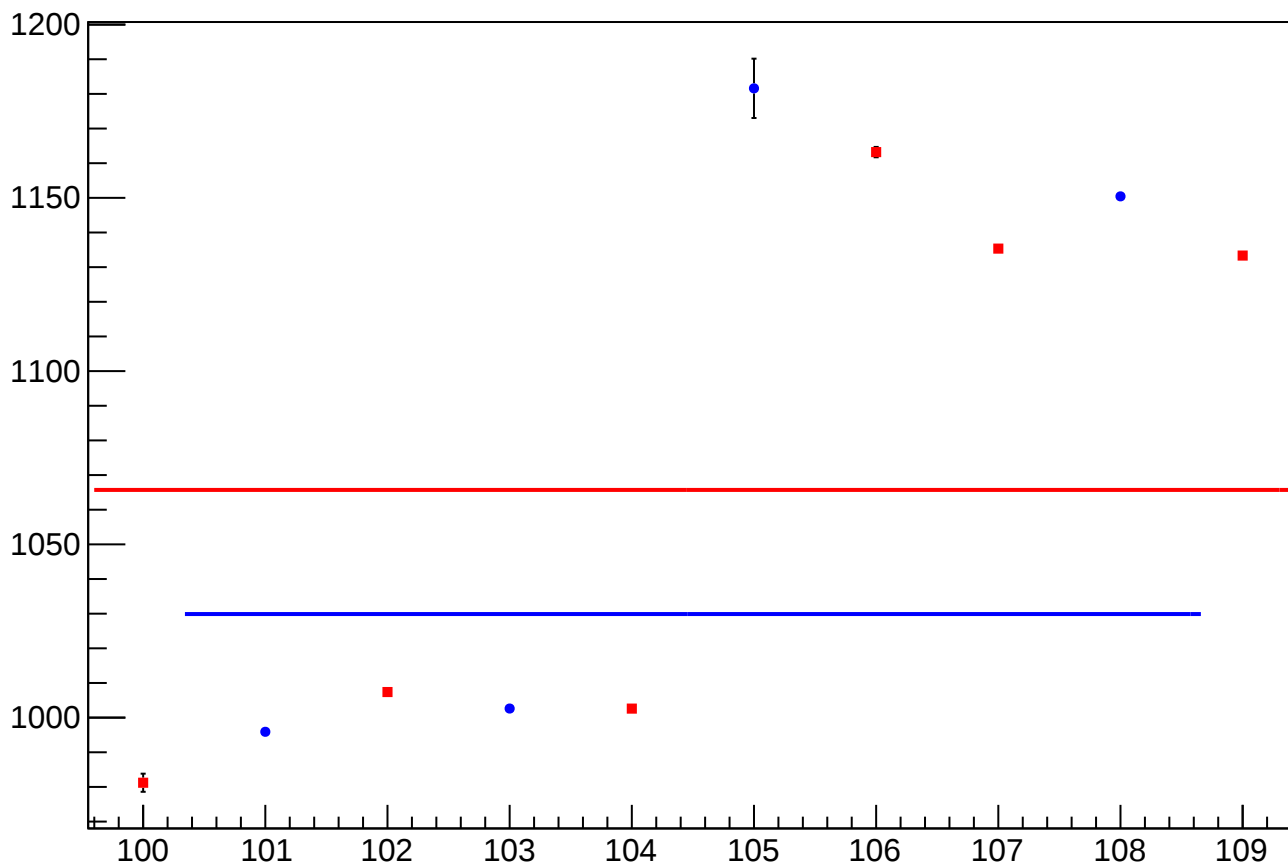
Right Out: 28.689+/-0.706 χ^2/NDF : 71.1/5

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

-9.019+/-0.830 χ^2/NDF : 130.9/3

28.689+/-0.706 χ^2/NDF : 71.1/5

diff_bpm2i02Y_rms vs slug



Right In: 1029.891 $\pm$ 0.587 χ^2 /NDF: 10841.2/3

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

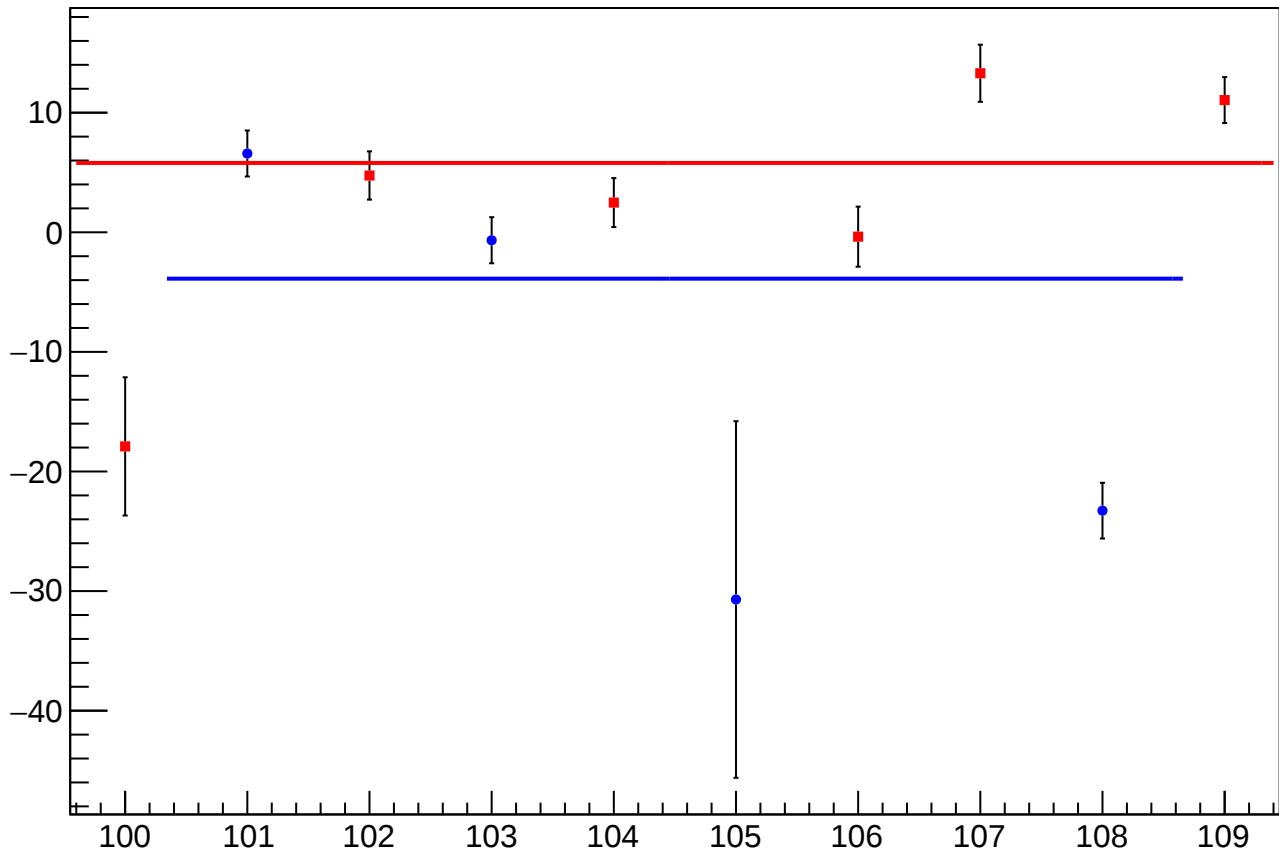
Right Out: 1065.712 $\pm$ 0.499 χ^2 /NDF: 19272.0/5

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

1029.891 $\pm$ 0.587 χ^2 /NDF: 10841.2/3

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

diff_bpm0i02X_mean vs slug



Right In: -3.877+/-1.172 χ^2 /NDF: 104.9/3

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

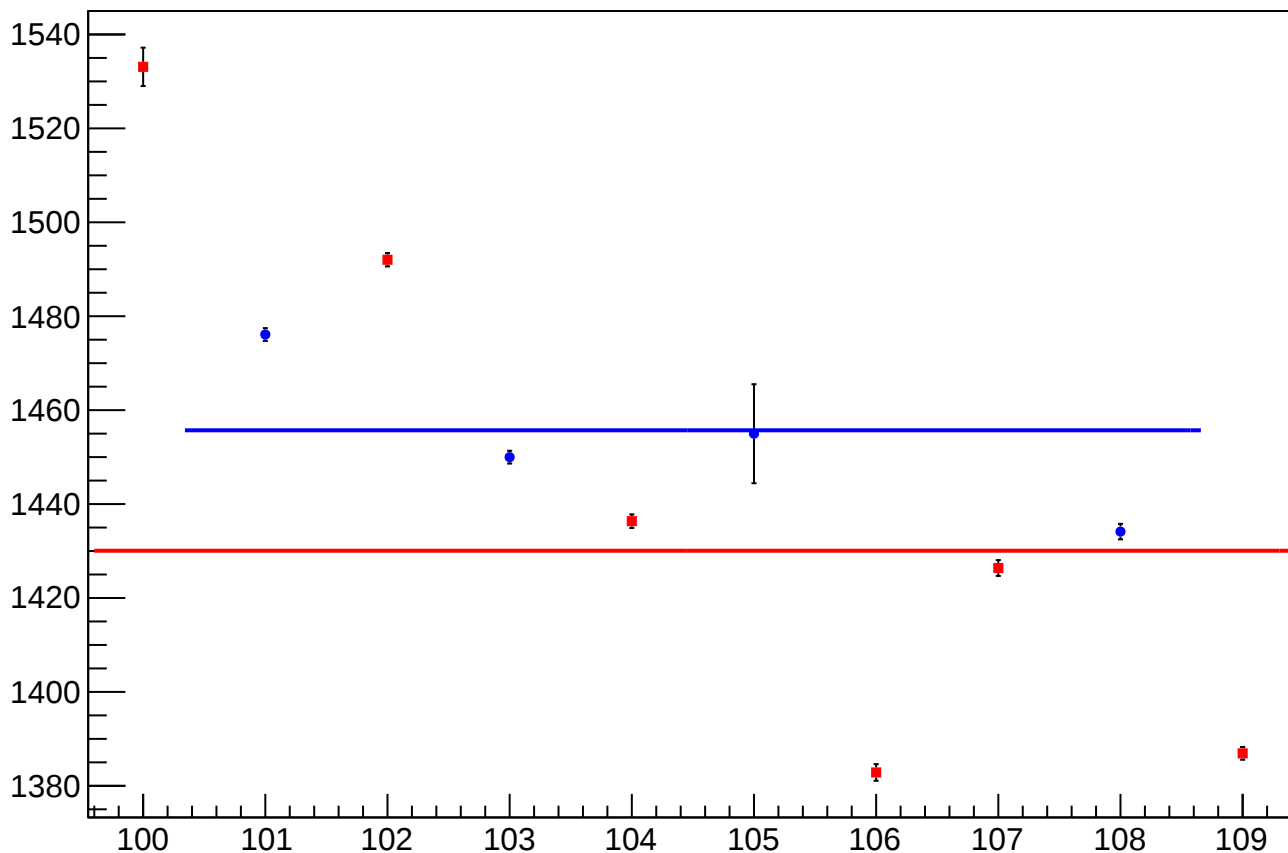
Right Out: 5.799+/-0.945 χ^2 /NDF: 43.1/5

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

-3.877+/-1.172 χ^2 /NDF: 104.9/3

5.799+/-0.945 χ^2 /NDF: 43.1/5

diff_bpm0i02X_rms vs slug



Right In: 1455.707 $\pm$ 0.829 χ^2 /NDF: 414.0/3

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

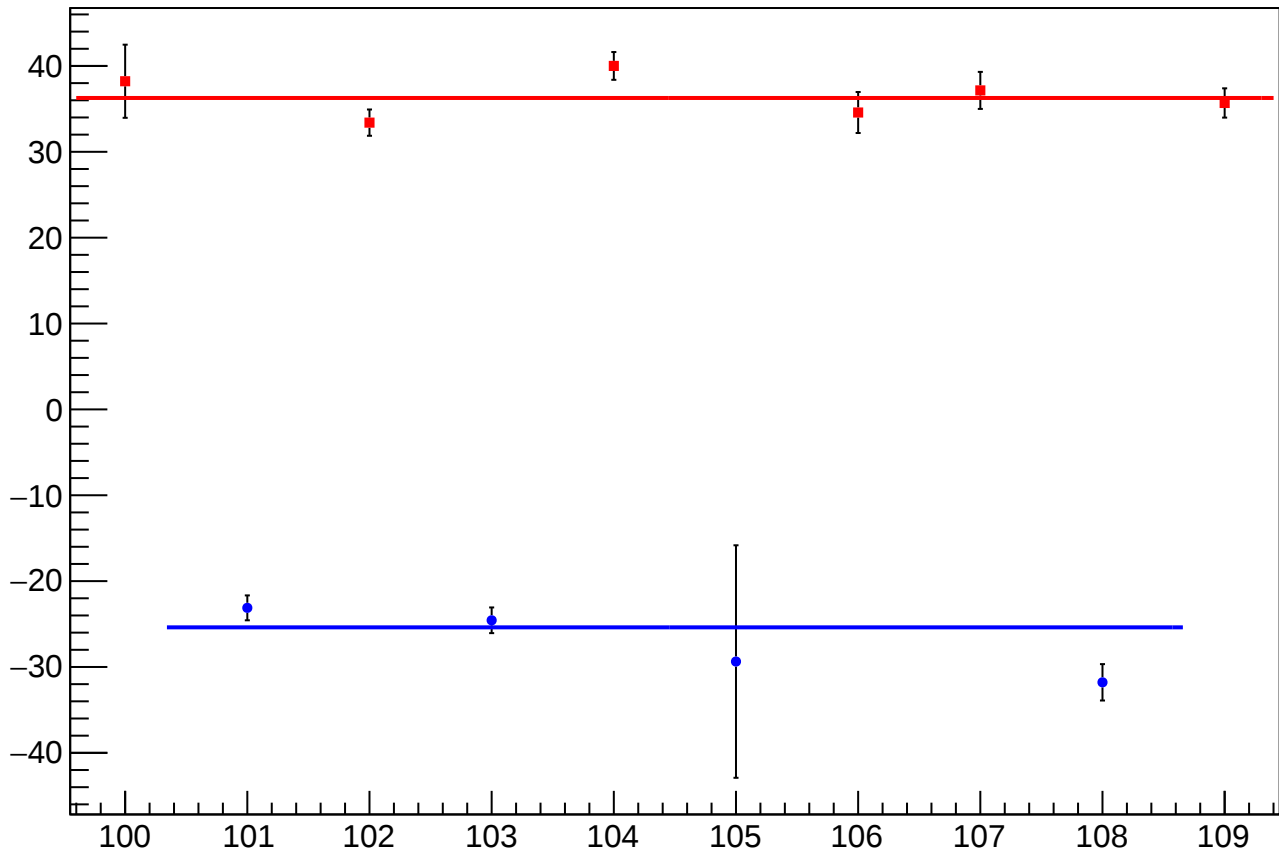
Right Out: 1430.065 $\pm$ 0.668 χ^2 /NDF: 4263.3/5

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

1455.707 $\pm$ 0.829 χ^2 /NDF: 414.0/3

1430.065 $\pm$ 0.668 χ^2 /NDF: 4263.3/5

diff_bpm0i02Y_mean vs slug



Right In: -25.384 $\pm$ 0.932 χ^2 /NDF: 12.0/3

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

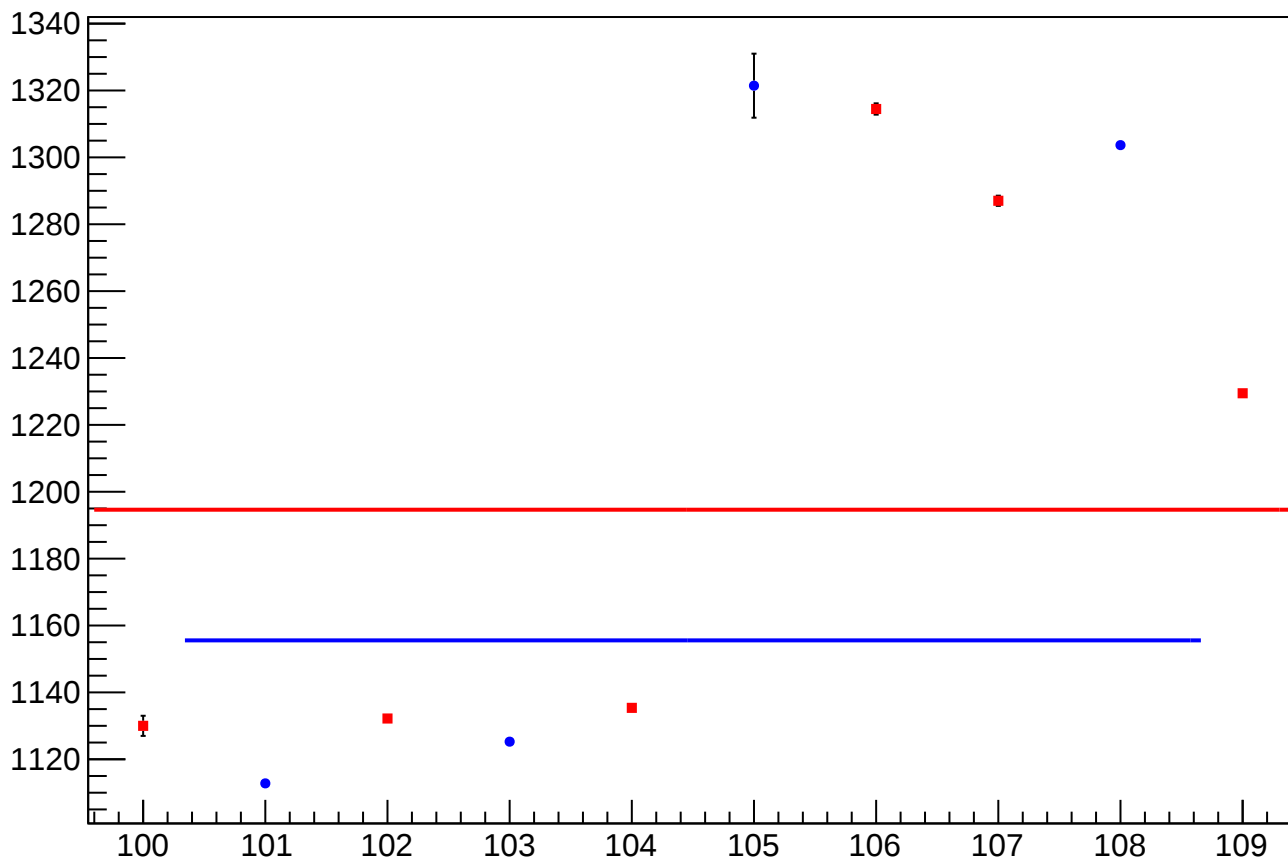
Right Out: 36.270 $\pm$ 0.791 χ^2 /NDF: 9.8/5

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

-25.384 $\pm$ 0.932 χ^2 /NDF: 12.0/3

36.270 $\pm$ 0.791 χ^2 /NDF: 9.8/5

diff_bpm0i02Y_rms vs slug



Right In: 1155.556 $\pm$ 0.659 χ^2 /NDF: 12629.6/3

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

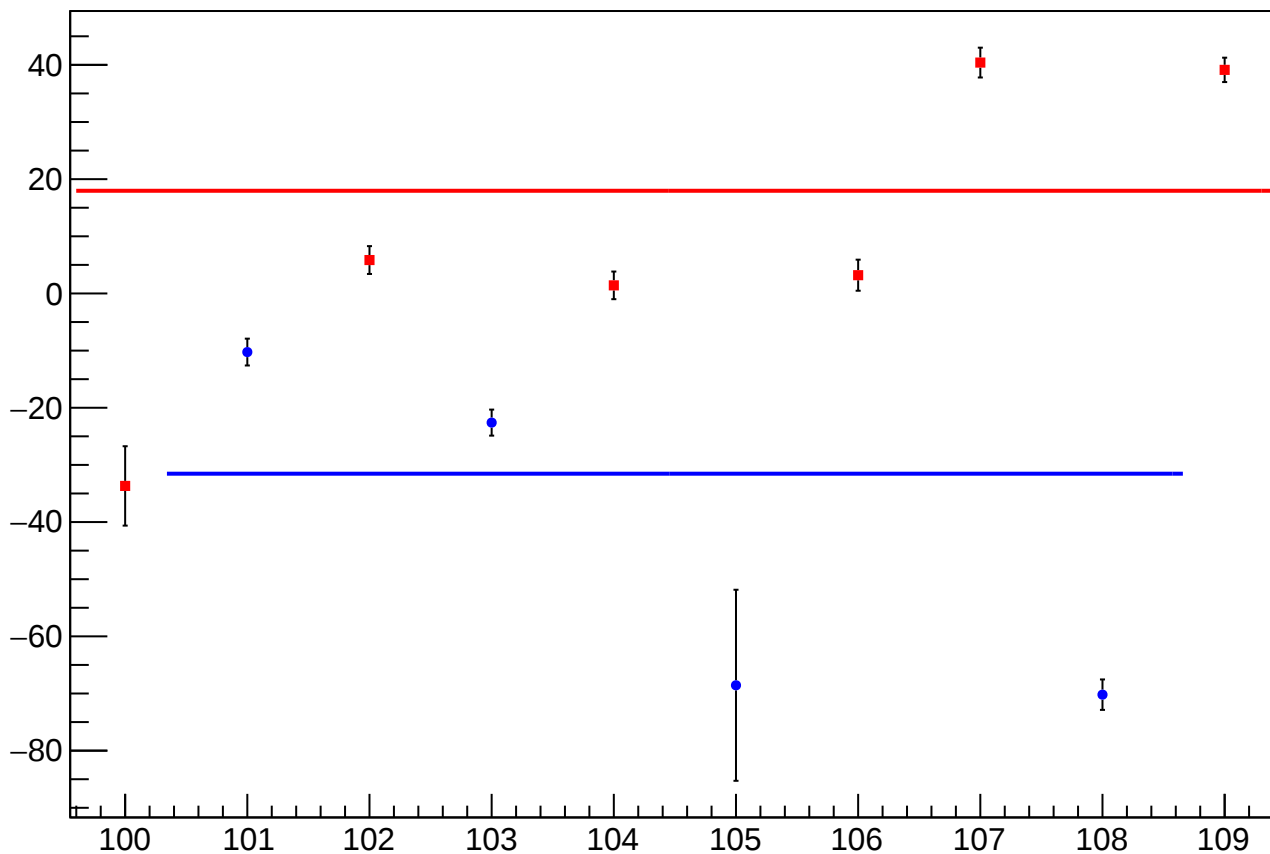
Right Out: 1194.631 $\pm$ 0.559 χ^2 /NDF: 16018.3/5

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

1155.556 $\pm$ 0.659 χ^2 /NDF: 12629.6/3

1194.631 $\pm$ 0.559 χ^2 /NDF: 16018.3/5

diff_bpm0i02aX_mean vs slug



Right In: -31.538 $\pm$ 1.388 χ^2 /NDF: 313.2/3

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

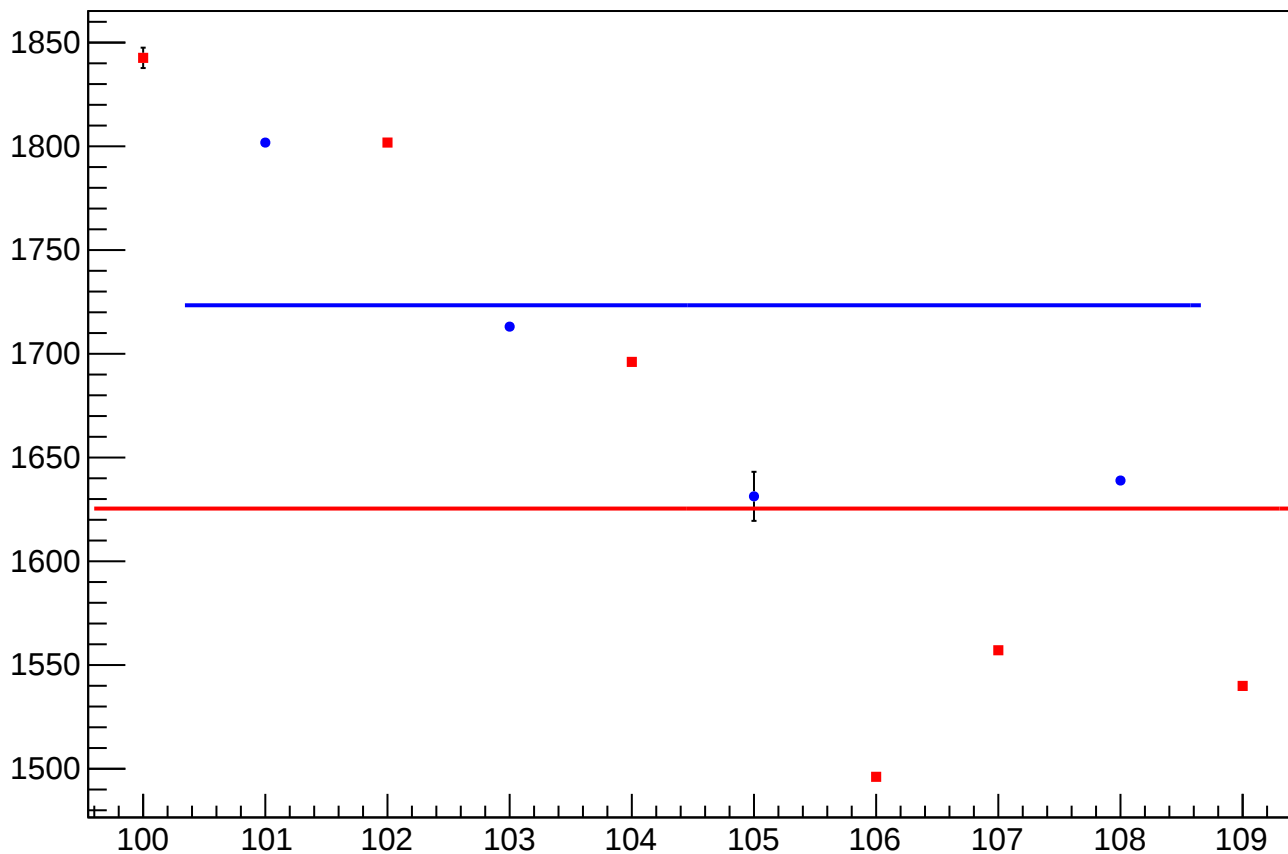
Right Out: 17.969 $\pm$ 1.077 χ^2 /NDF: 328.8/5

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

-31.538 $\pm$ 1.388 χ^2 /NDF: 313.2/3

17.969 $\pm$ 1.077 χ^2 /NDF: 328.8/5

diff_bpm0i02aX_rms vs slug



Right In: 1723.389 $\pm$ 0.982 χ^2 /NDF: 4343.5/3

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

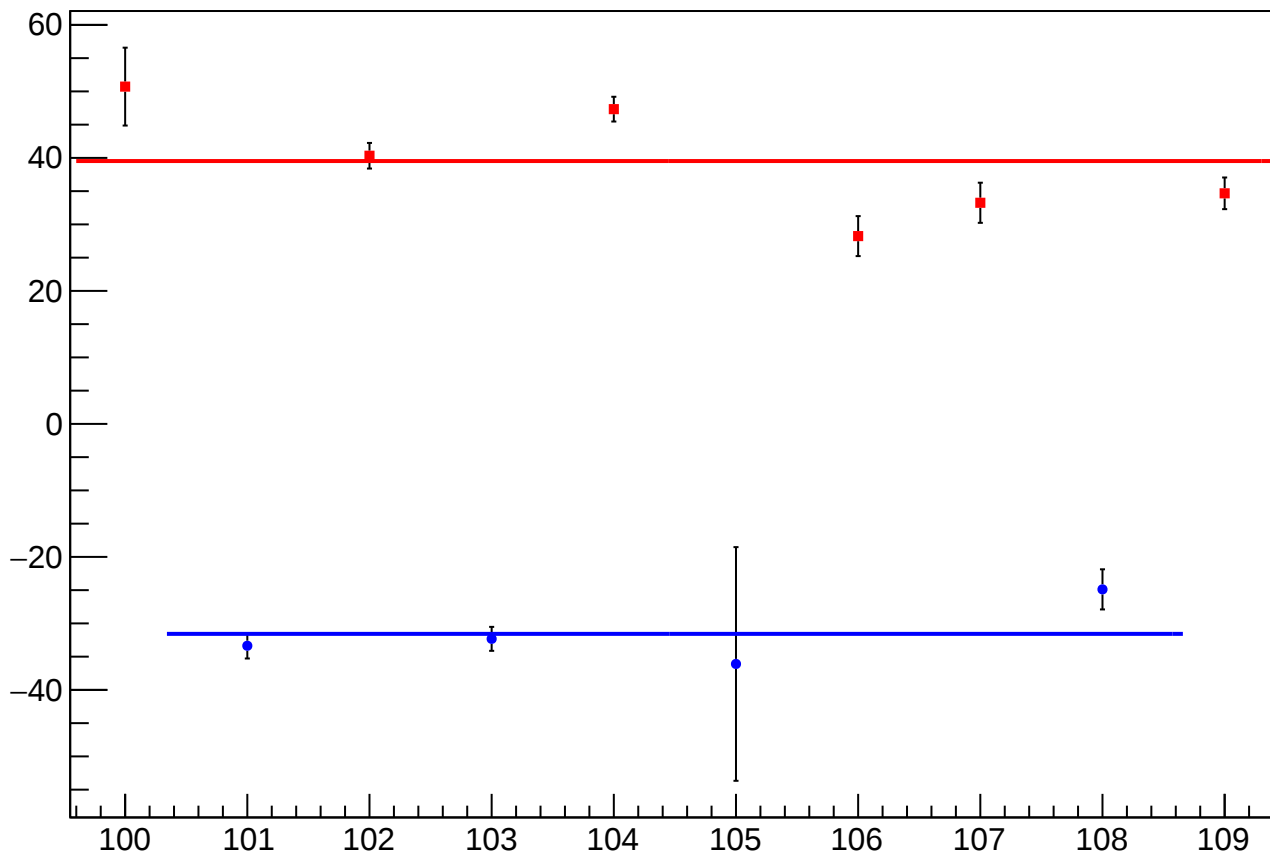
Right Out: 1625.414 $\pm$ 0.761 χ^2 /NDF: 23260.9/5

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

1723.389 $\pm$ 0.982 χ^2 /NDF: 4343.5/3

1625.414 $\pm$ 0.761 χ^2 /NDF: 23260.9/5

diff_bpm0i02aY_mean vs slug



Right In: -31.573 $\pm$ 1.200 χ^2 /NDF: 6.0/3

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

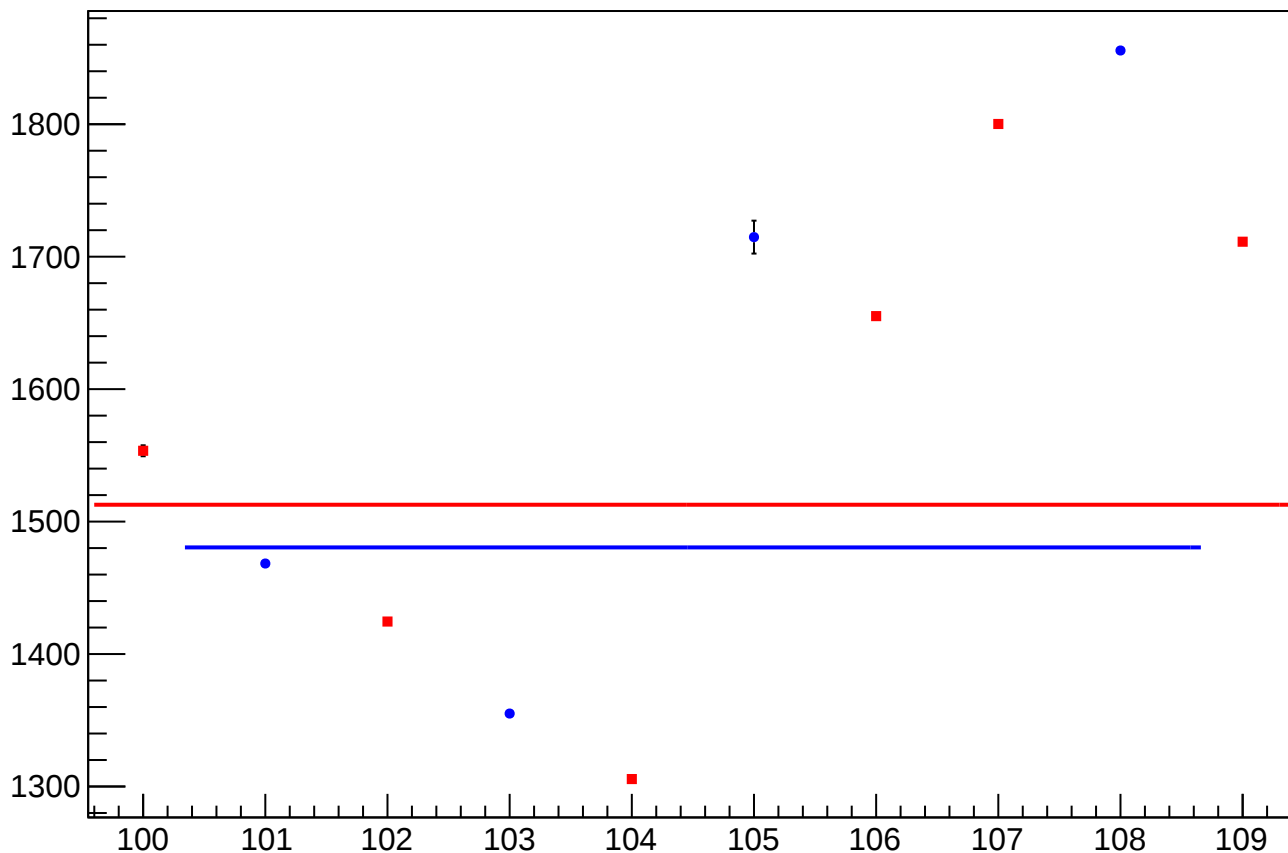
Right Out: 39.528 $\pm$ 1.008 χ^2 /NDF: 44.0/5

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

-31.573 $\pm$ 1.200 χ^2 /NDF: 6.0/3

39.528 $\pm$ 1.008 χ^2 /NDF: 44.0/5

diff_bpm0i02aY_rms vs slug



Right In: 1480.507 $\pm$ 0.849 χ^2 /NDF: 41046.8/3

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

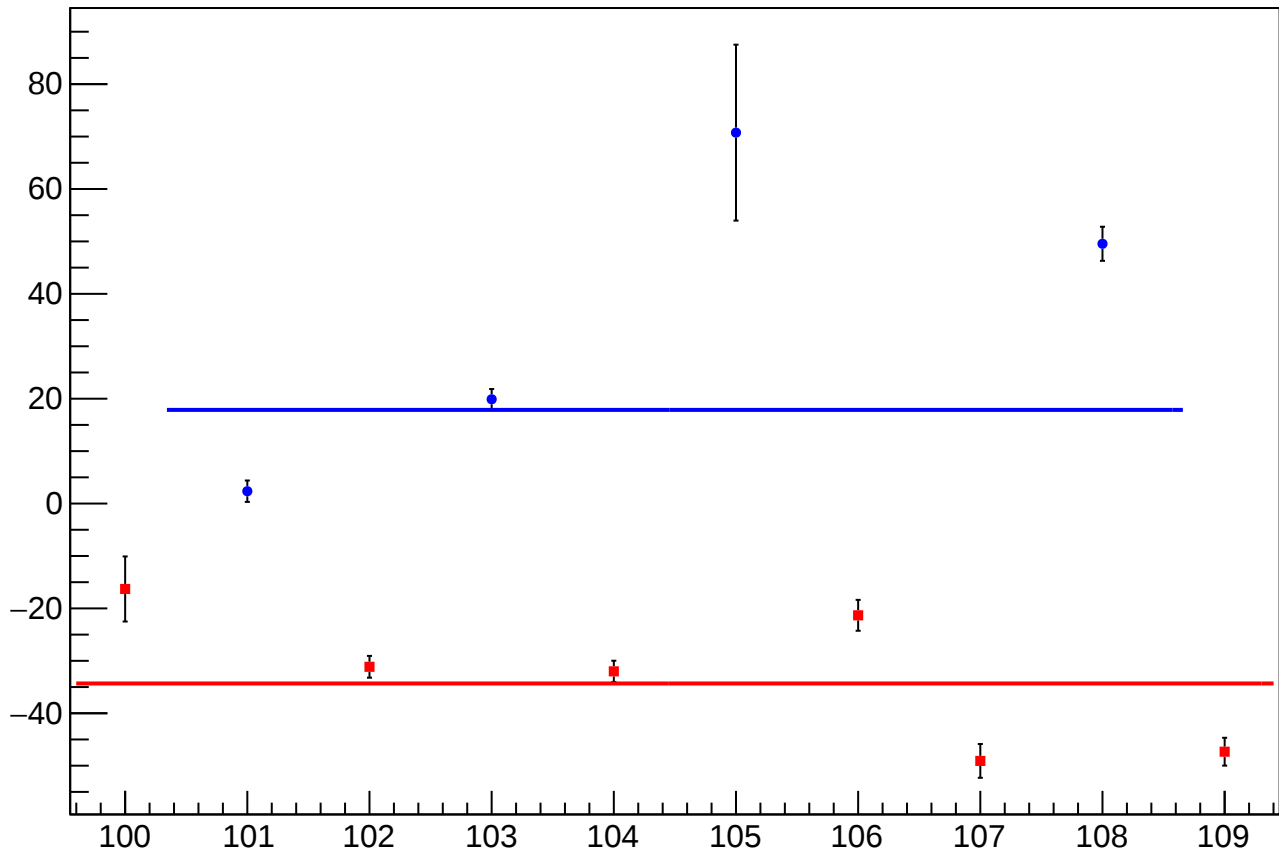
Right Out: 1512.725 $\pm$ 0.713 χ^2 /NDF: 65609.8/5

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

1480.507 $\pm$ 0.849 χ^2 /NDF: 41046.8/3

1512.725 $\pm$ 0.713 χ^2 /NDF: 65609.8/5

diff_bpm0i05X_mean vs slug



Right In: 17.865+/-1.290 χ^2/NDF : 163.8/3

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

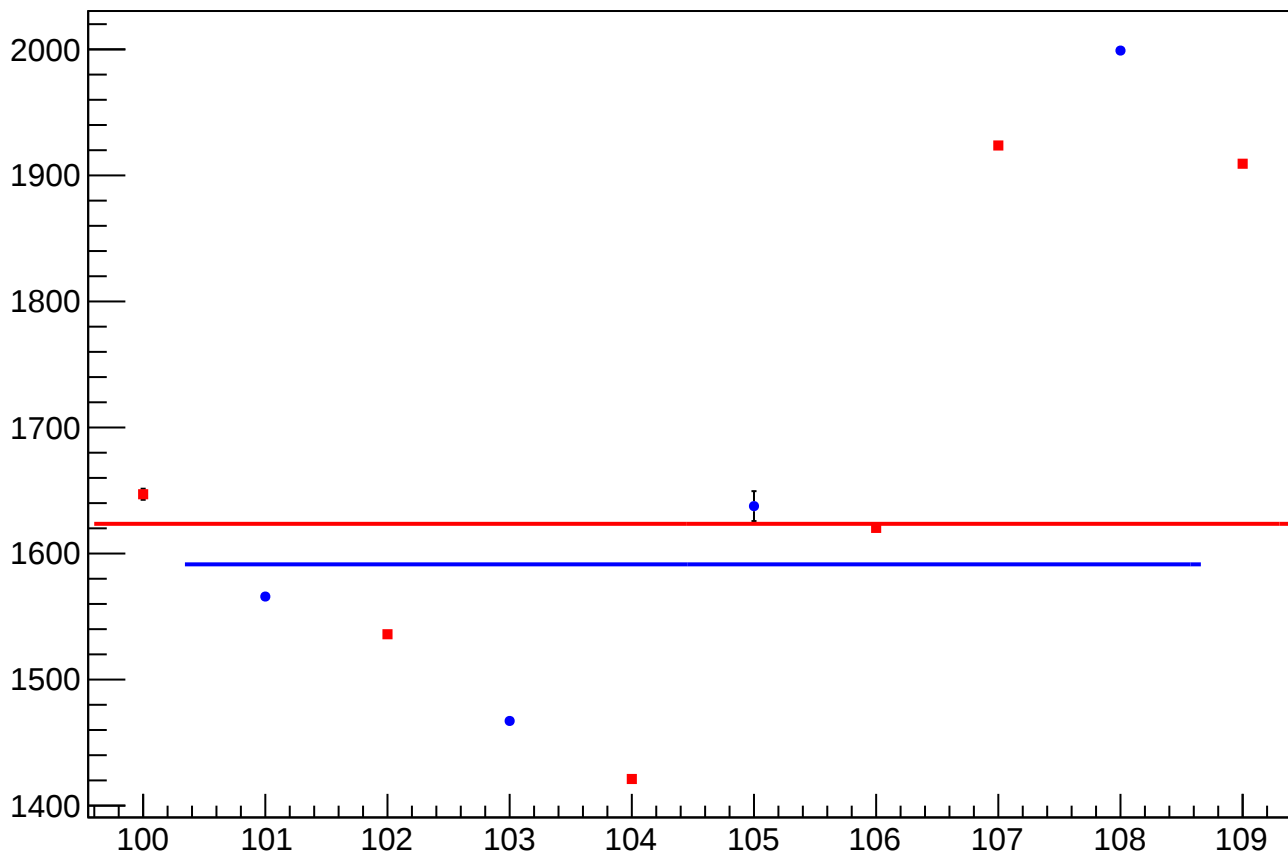
Right Out: -34.319+/-1.082 χ^2/NDF : 76.5/5

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

17.865+/-1.290 χ^2/NDF : 163.8/3

-34.319+/-1.082 χ^2/NDF : 76.5/5

diff_bpm0i05X_rms vs slug



Right In: 1591.420 $\pm$ 0.912 χ^2 /NDF: 39909.7/3

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

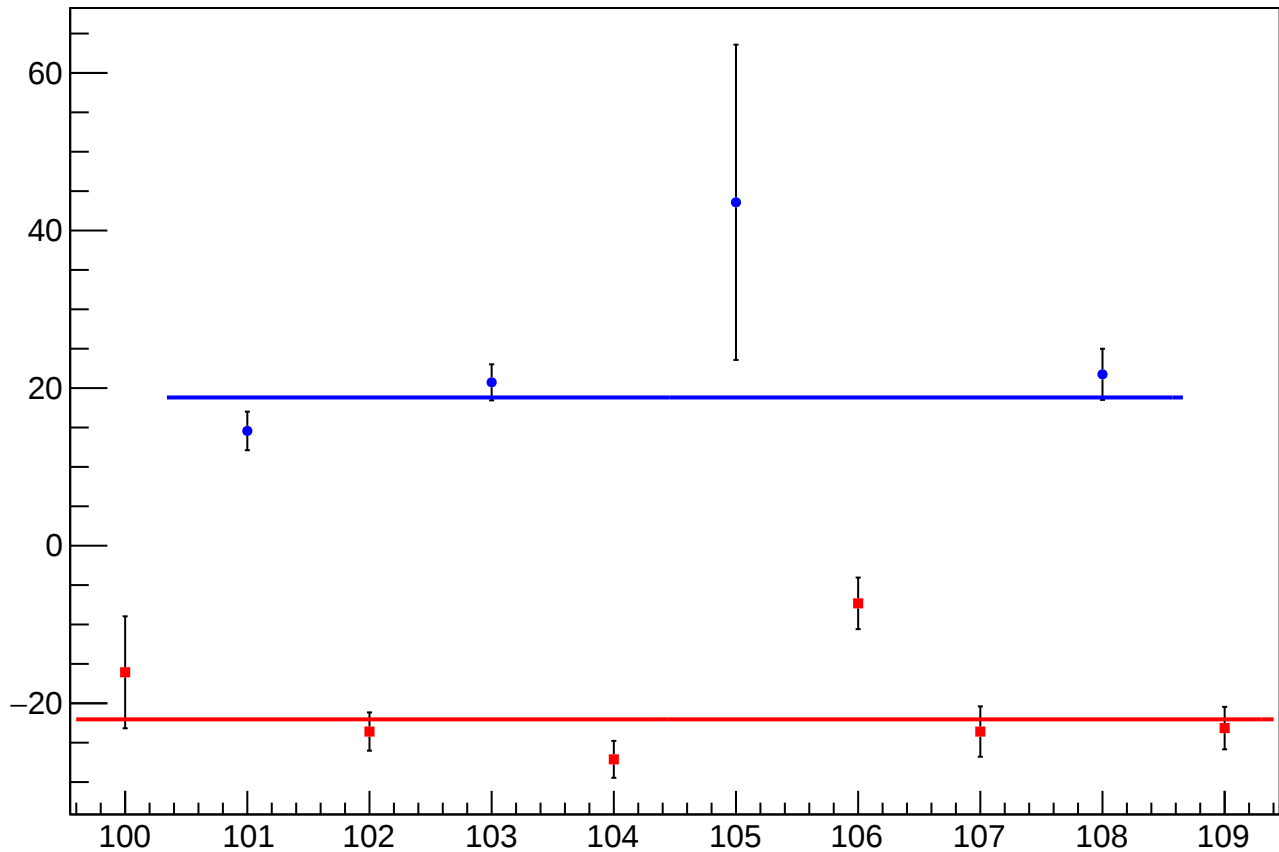
Right Out: 1623.572 $\pm$ 0.765 χ^2 /NDF: 64053.0/5

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

1591.420 $\pm$ 0.912 χ^2 /NDF: 39909.7/3

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

diff_bpm0i05Y_mean vs slug



Right In: 18.812+/-1.483 χ^2 /NDF: 6.1/3

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

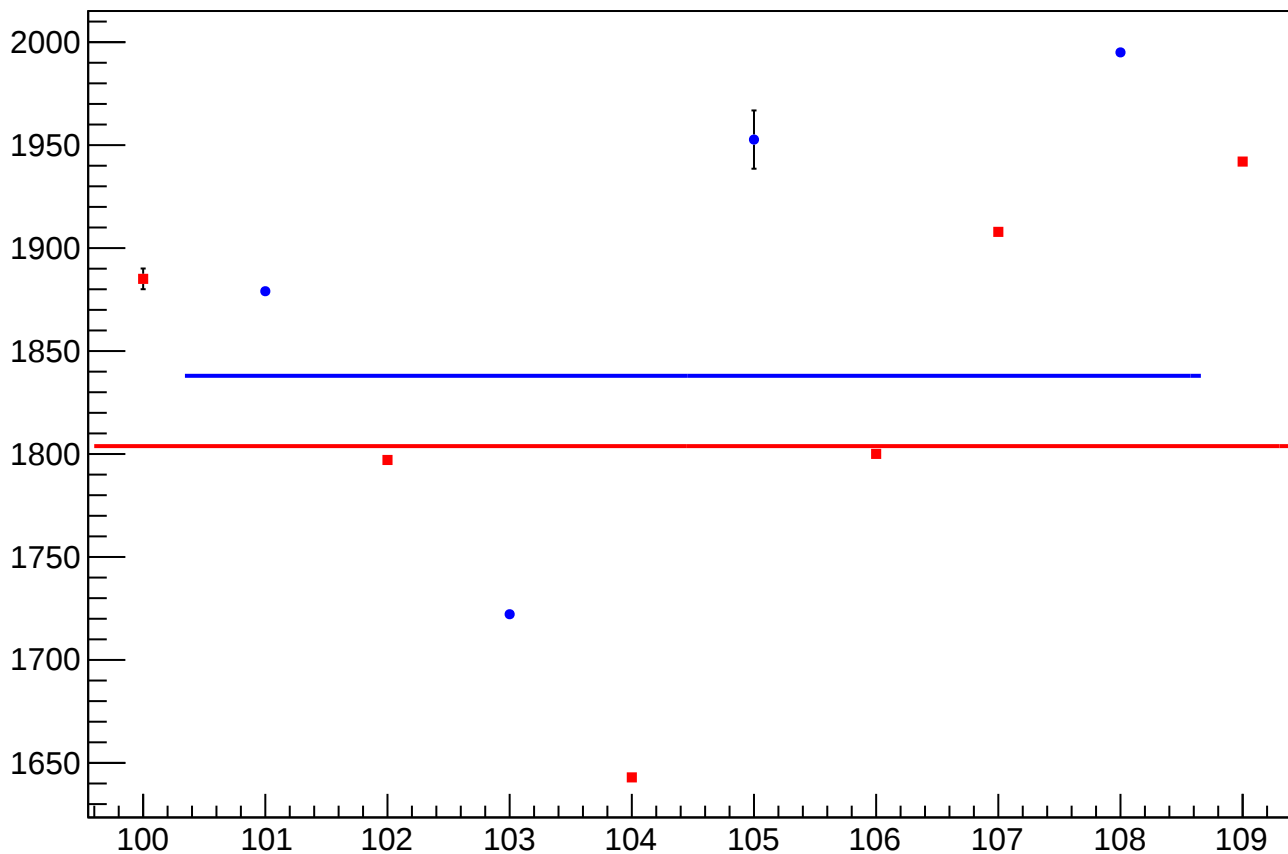
Right Out: -22.040+/-1.195 χ^2 /NDF: 26.4/5

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

18.812+/-1.483 χ^2 /NDF: 6.1/3

-22.040+/-1.195 χ^2 /NDF: 26.4/5

diff_bpm0i05Y_rms vs slug



Right In: 1837.980 $\pm$ 1.048 χ^2 /NDF: 10431.5/3

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

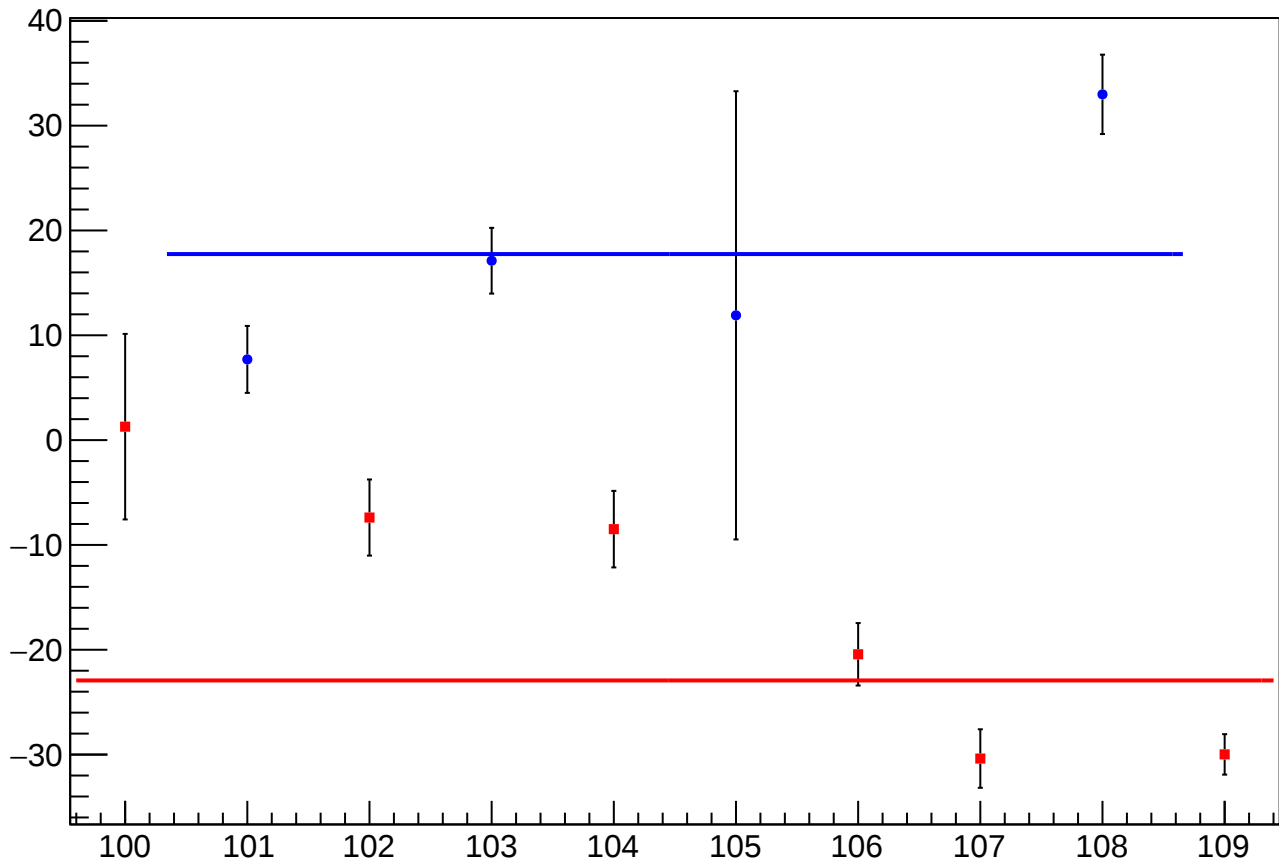
Right Out: 1803.835 $\pm$ 0.845 χ^2 /NDF: 17092.2/5

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

1837.980 $\pm$ 1.048 χ^2 /NDF: 10431.5/3

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

diff_bpm0i07X_mean vs slug



Right In: 17.748+/-1.919 χ^2/NDF : 26.2/3

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

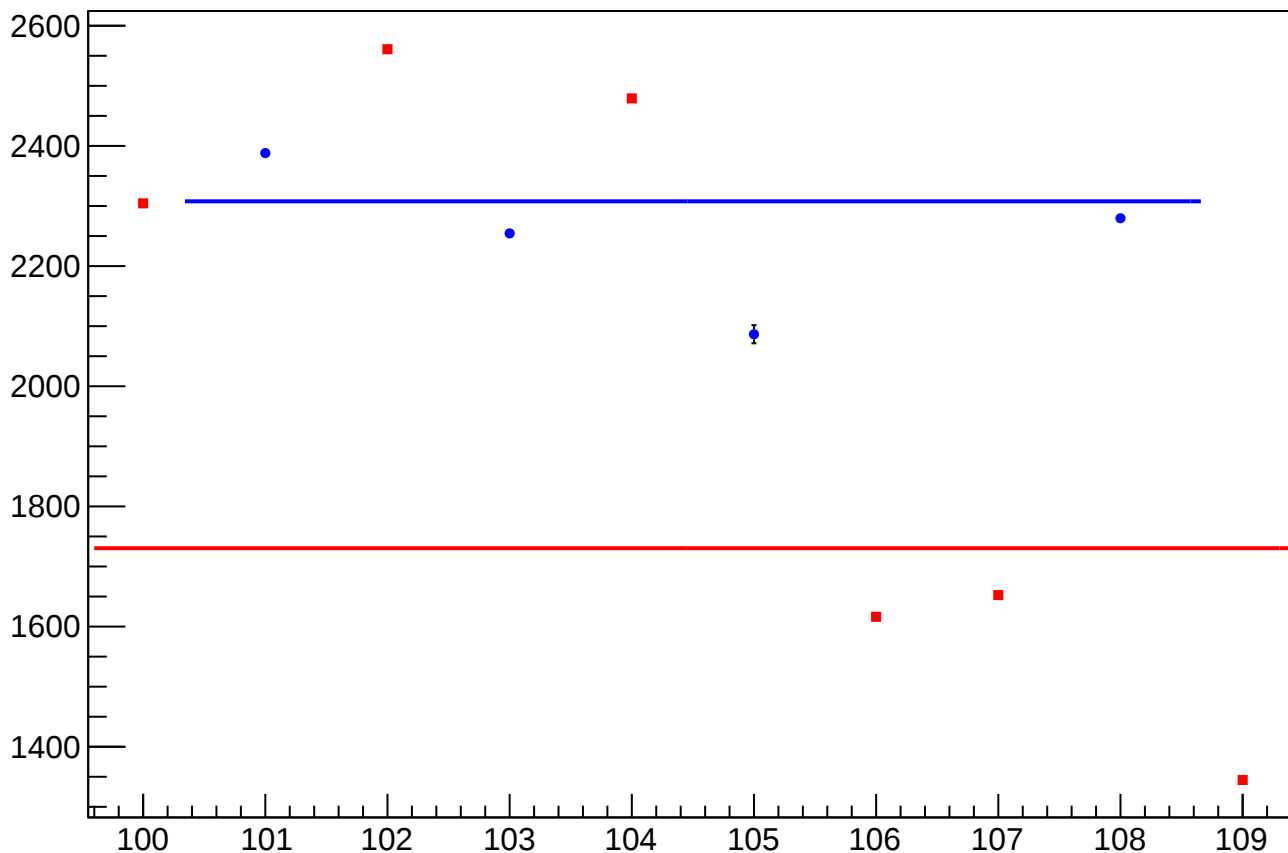
17.748+/-1.919 χ^2/NDF : 26.2/3

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

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

-22.927+/-1.219 χ^2/NDF : 62.6/5

diff_bpm0i07X_rms vs slug



Right In: 2307.791+/-1.357 χ^2/NDF : 2168.5/3

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

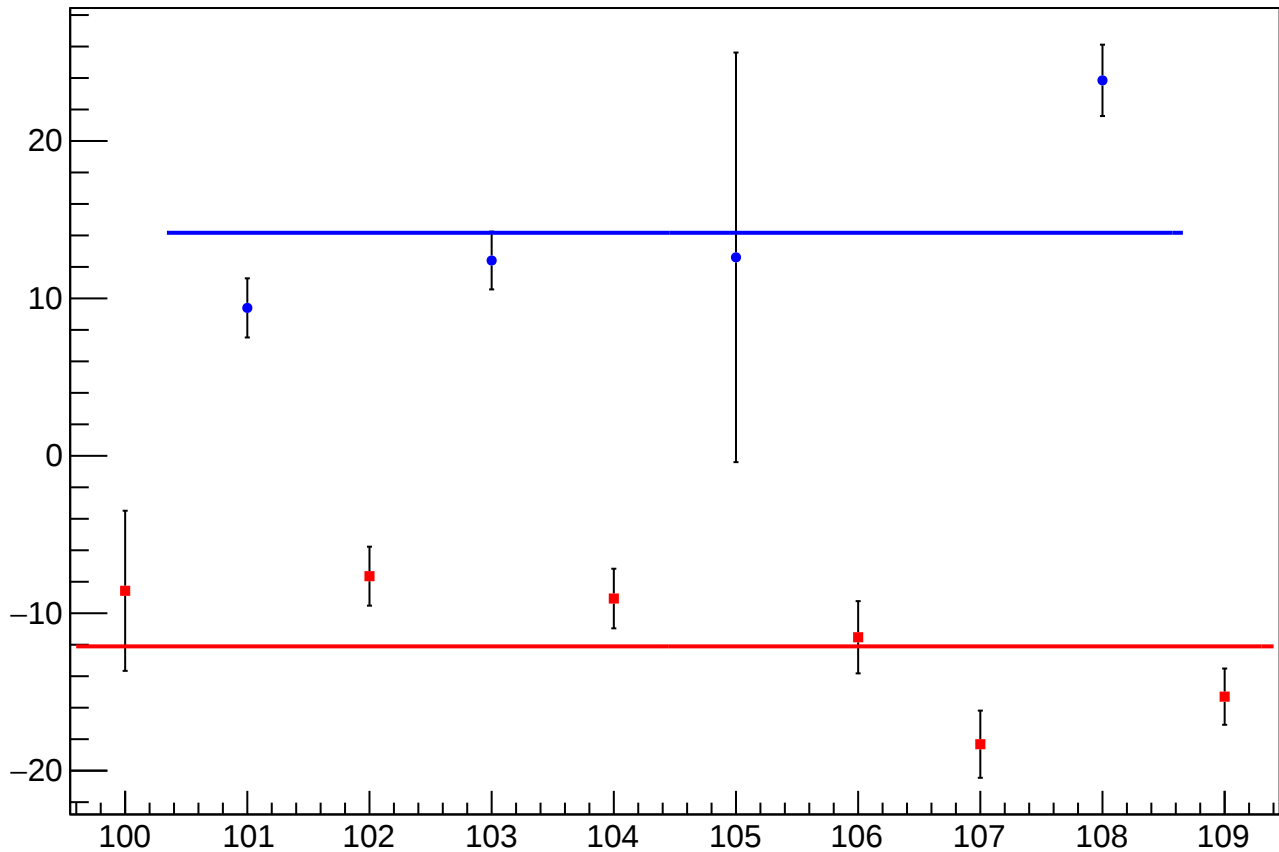
Right Out: 1730.469+/-0.862 χ^2/NDF : 281502.4/5

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

2307.791+/-1.357 χ^2/NDF : 2168.5/3

1730.469+/-0.862 χ^2/NDF : 281502.4/5

diff_bpm0i07Y_mean vs slug



Right In: 14.169+/-1.132 χ^2/NDF : 25.6/3

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

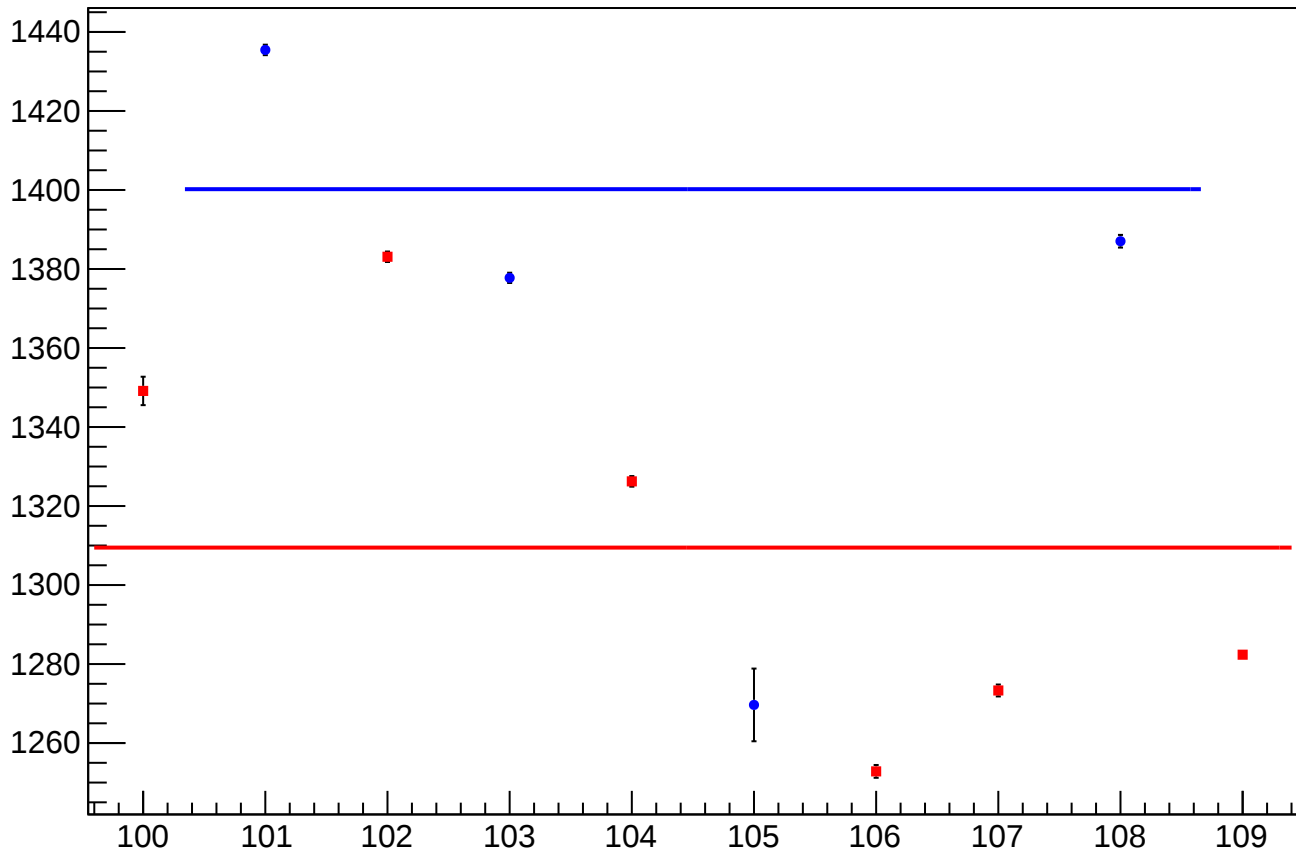
Right Out: -12.104+/-0.869 χ^2/NDF : 20.5/5

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

14.169+/-1.132 χ^2/NDF : 25.6/3

-12.104+/-0.869 χ^2/NDF : 20.5/5

diff_bpm0i07Y_rms vs slug



Right In: 1400.204 $\pm$ 0.800 χ^2/NDF : 1271.8/3

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

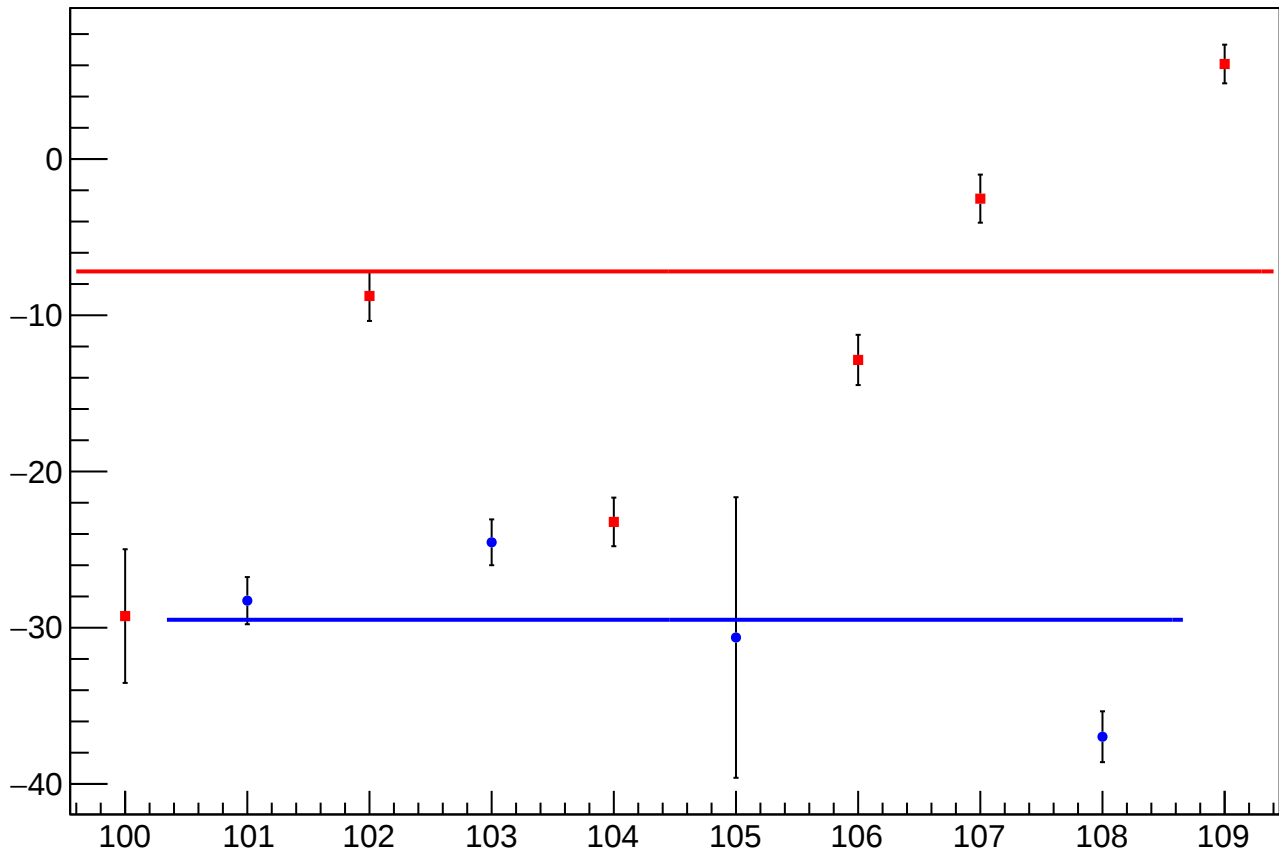
Right Out: 1309.478 $\pm$ 0.614 χ^2/NDF : 5622.4/5

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

1400.204 $\pm$ 0.800 χ^2/NDF : 1271.8/3

1309.478 $\pm$ 0.614 χ^2/NDF : 5622.4/5

diff_bpm1i02X_mean vs slug



Right In: -29.491+/-0.879 χ^2/NDF : 33.3/3

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

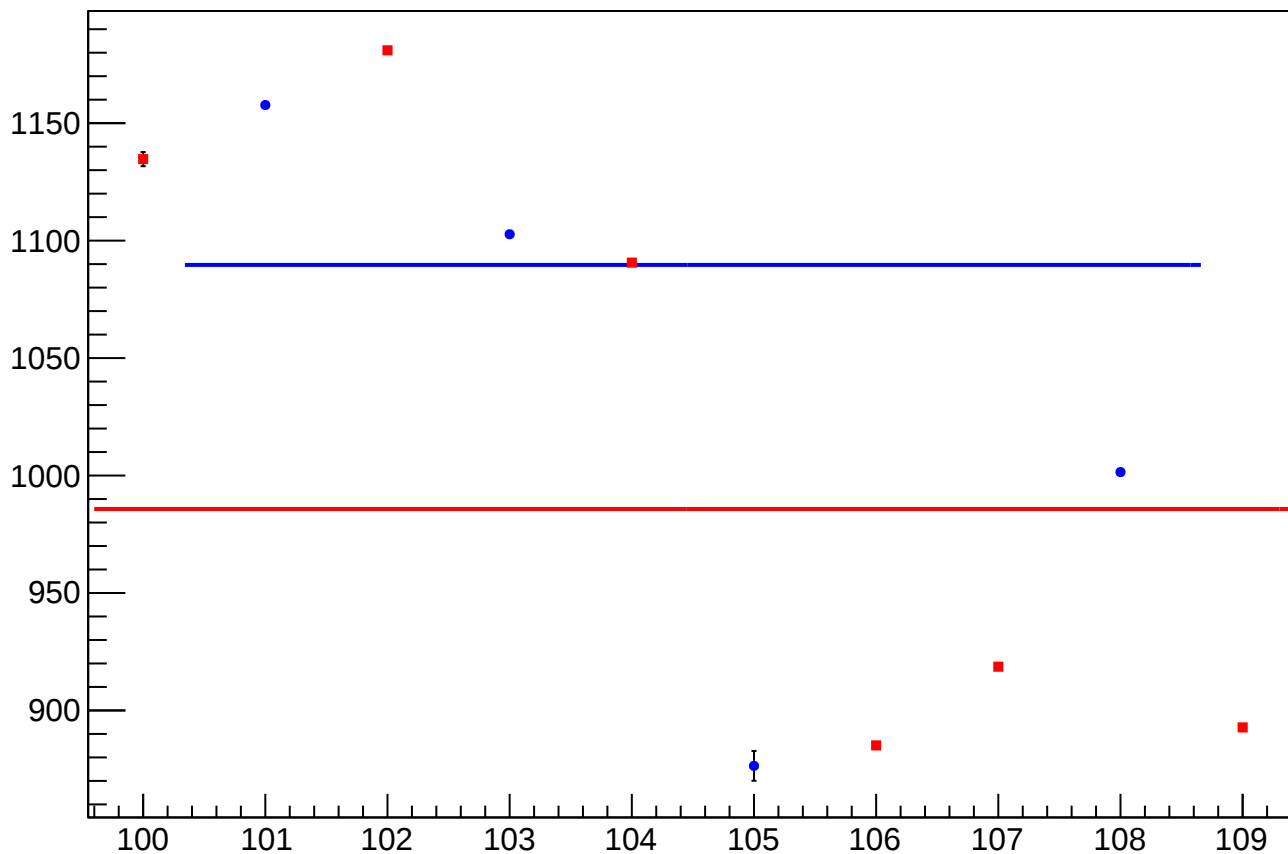
Right Out: -7.193+/-0.656 χ^2/NDF : 270.5/5

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

-29.491+/-0.879 χ^2/NDF : 33.3/3

-7.193+/-0.656 χ^2/NDF : 270.5/5

diff_bpm1i02X_rms vs slug



Right In: 1089.658 $\pm$ 0.622 χ^2 /NDF: 11225.0/3

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

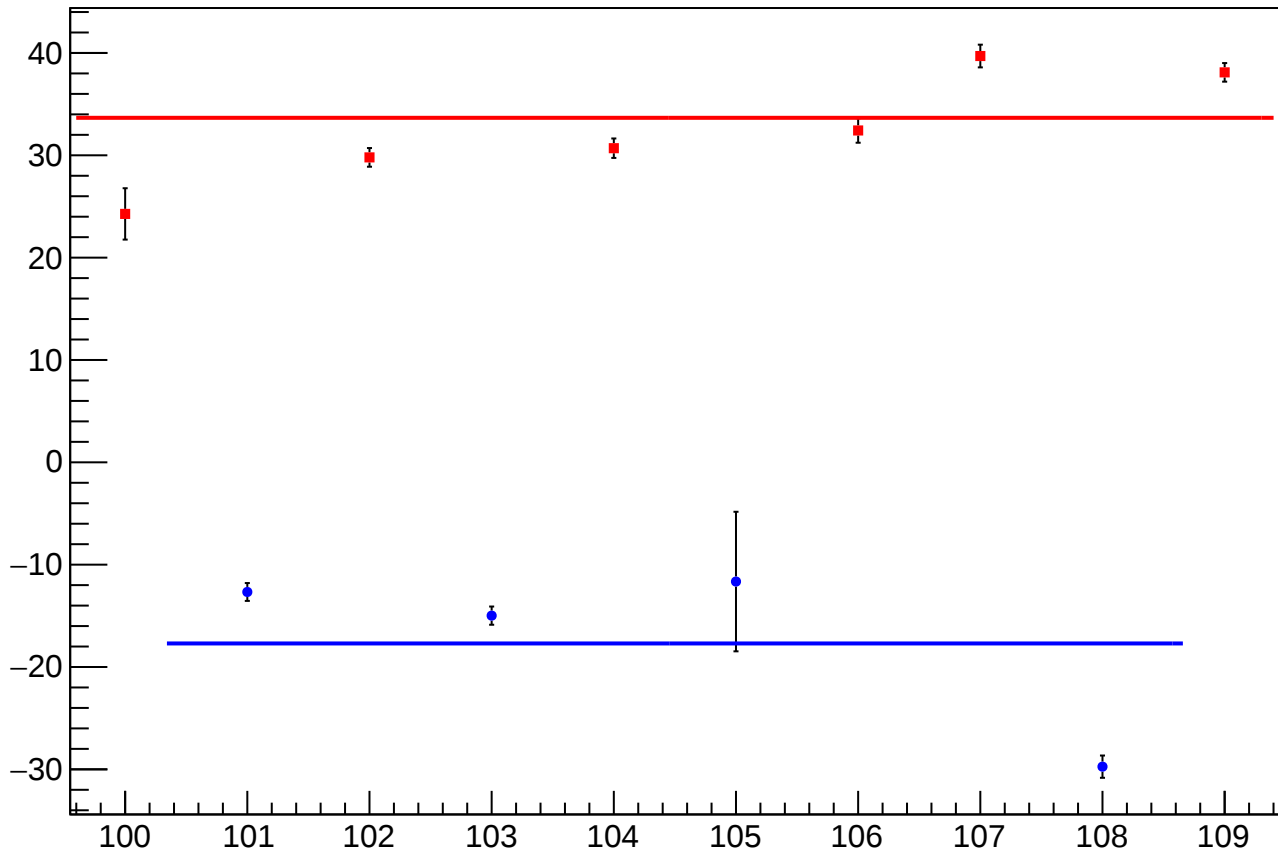
Right Out: 985.748 $\pm$ 0.464 χ^2 /NDF: 64313.6/5

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

1089.658 $\pm$ 0.622 χ^2 /NDF: 11225.0/3

985.748 $\pm$ 0.464 χ^2 /NDF: 64313.6/5

diff_bpm1i02Y_mean vs slug



Right In: -17.699 $\pm$ 0.539 χ^2 /NDF: 165.7/3

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

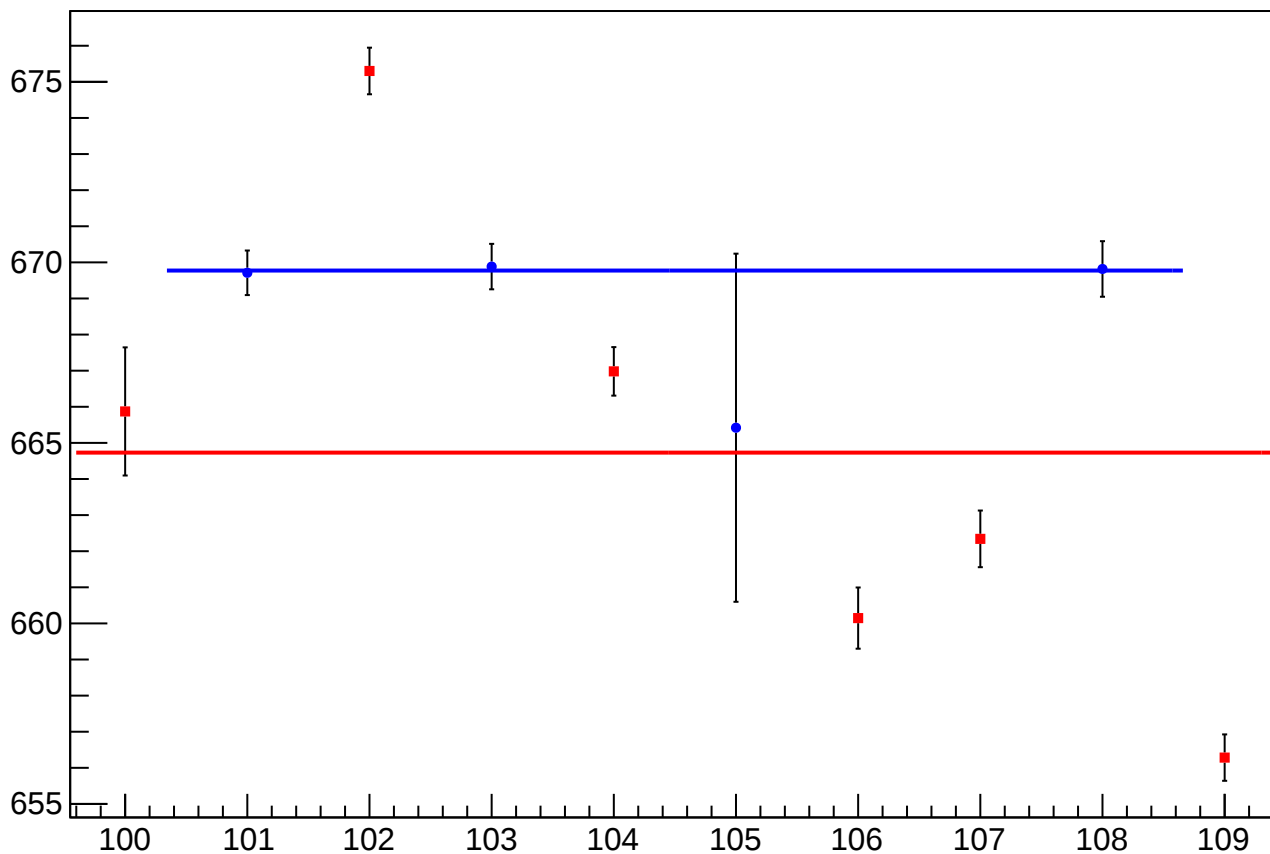
Right Out: 33.664 $\pm$ 0.439 χ^2 /NDF: 96.3/5

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

-17.699 $\pm$ 0.539 χ^2 /NDF: 165.7/3

33.664 $\pm$ 0.439 χ^2 /NDF: 96.3/5

diff_bpm1i02Y_rms vs slug



Right In: 669.774 $\pm$ 0.381 χ^2 /NDF: 0.9/3

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

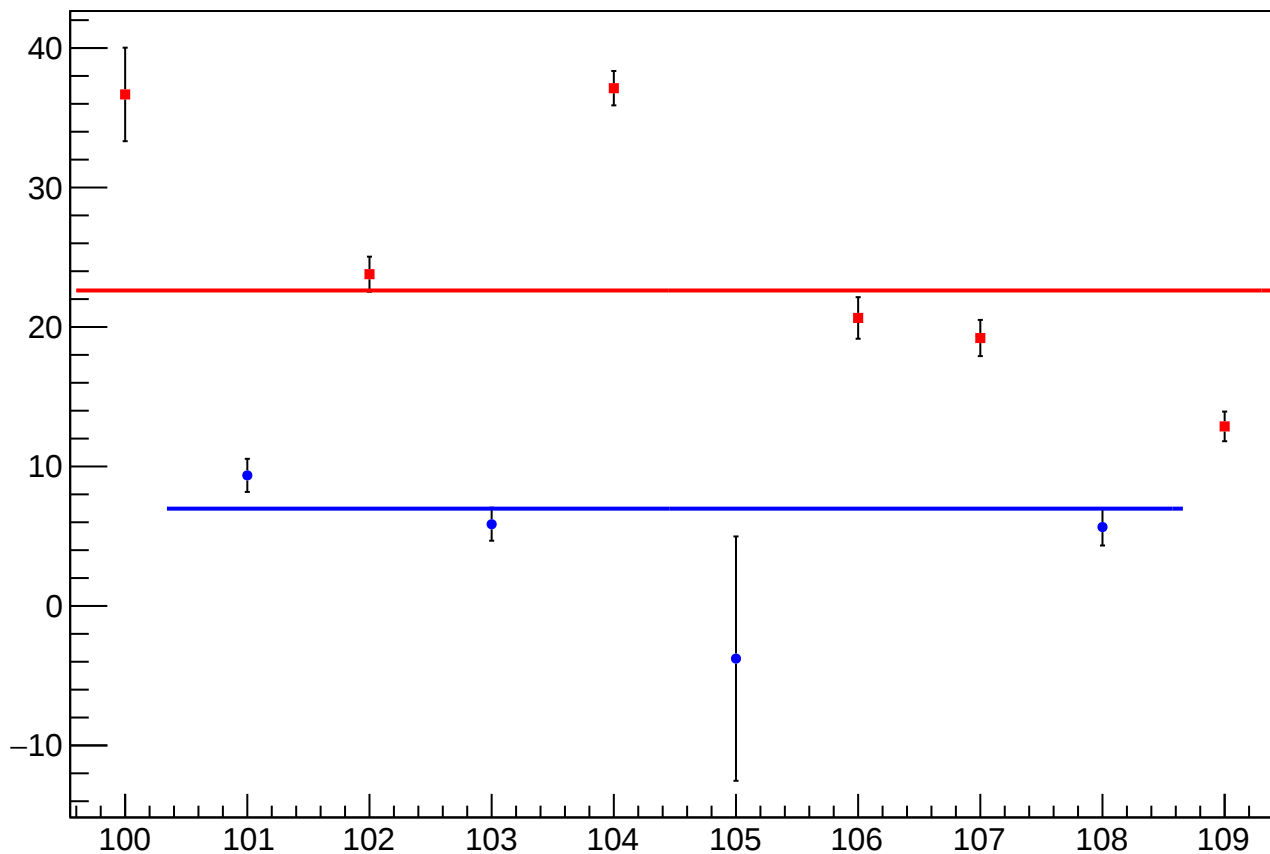
Right Out: 664.731 $\pm$ 0.311 χ^2 /NDF: 491.2/5

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

669.774 $\pm$ 0.381 χ^2 /NDF: 0.9/3

664.731 $\pm$ 0.311 χ^2 /NDF: 491.2/5

diff_bpm1i04X_mean vs slug



Right In: 6.977 $\pm$ 0.706 χ^2 /NDF: 7.4/3

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

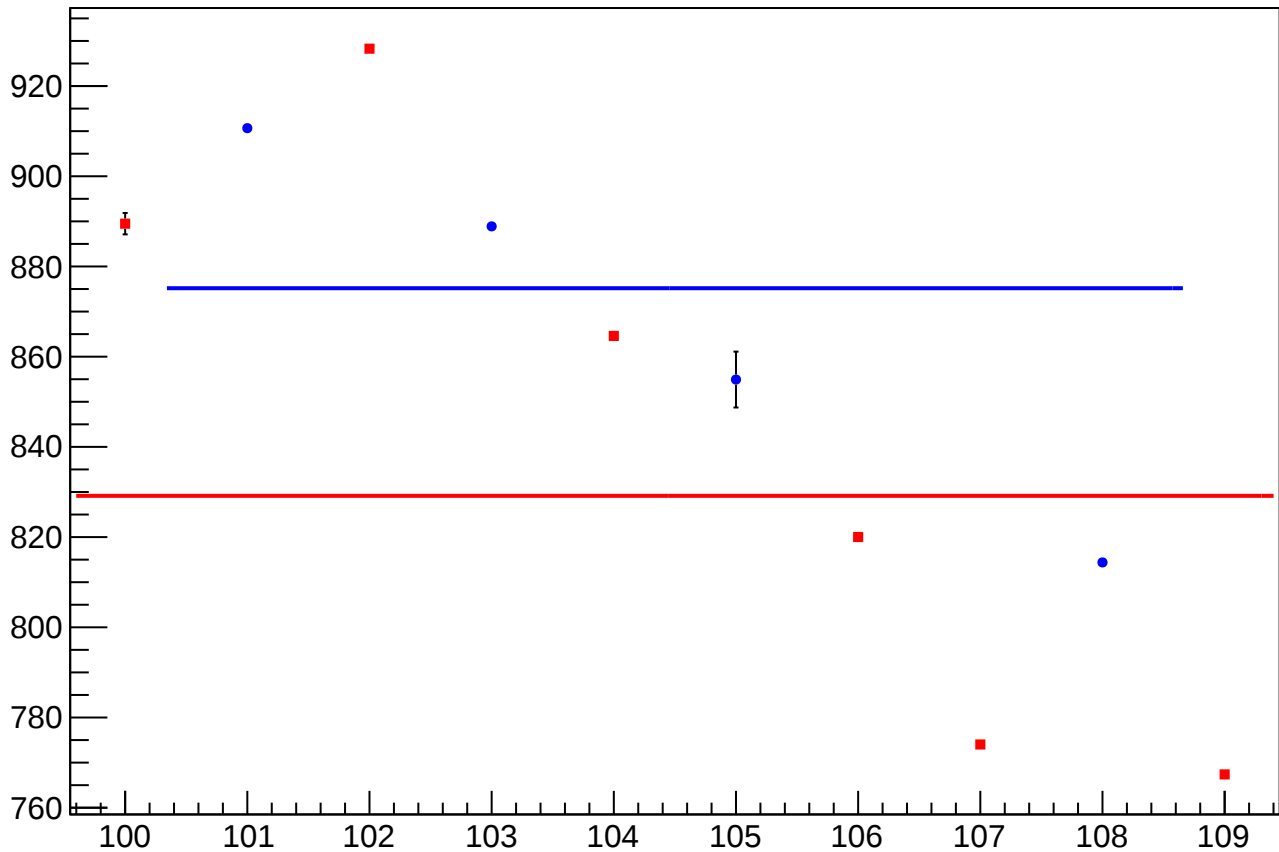
Right Out: 22.617 $\pm$ 0.550 χ^2 /NDF: 249.7/5

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

6.977 $\pm$ 0.706 χ^2 /NDF: 7.4/3

22.617 $\pm$ 0.550 χ^2 /NDF: 249.7/5

diff_bpm1i04X_rms vs slug



Right In: 875.180 $\pm$ 0.499 χ^2 /NDF: 6287.6/3

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

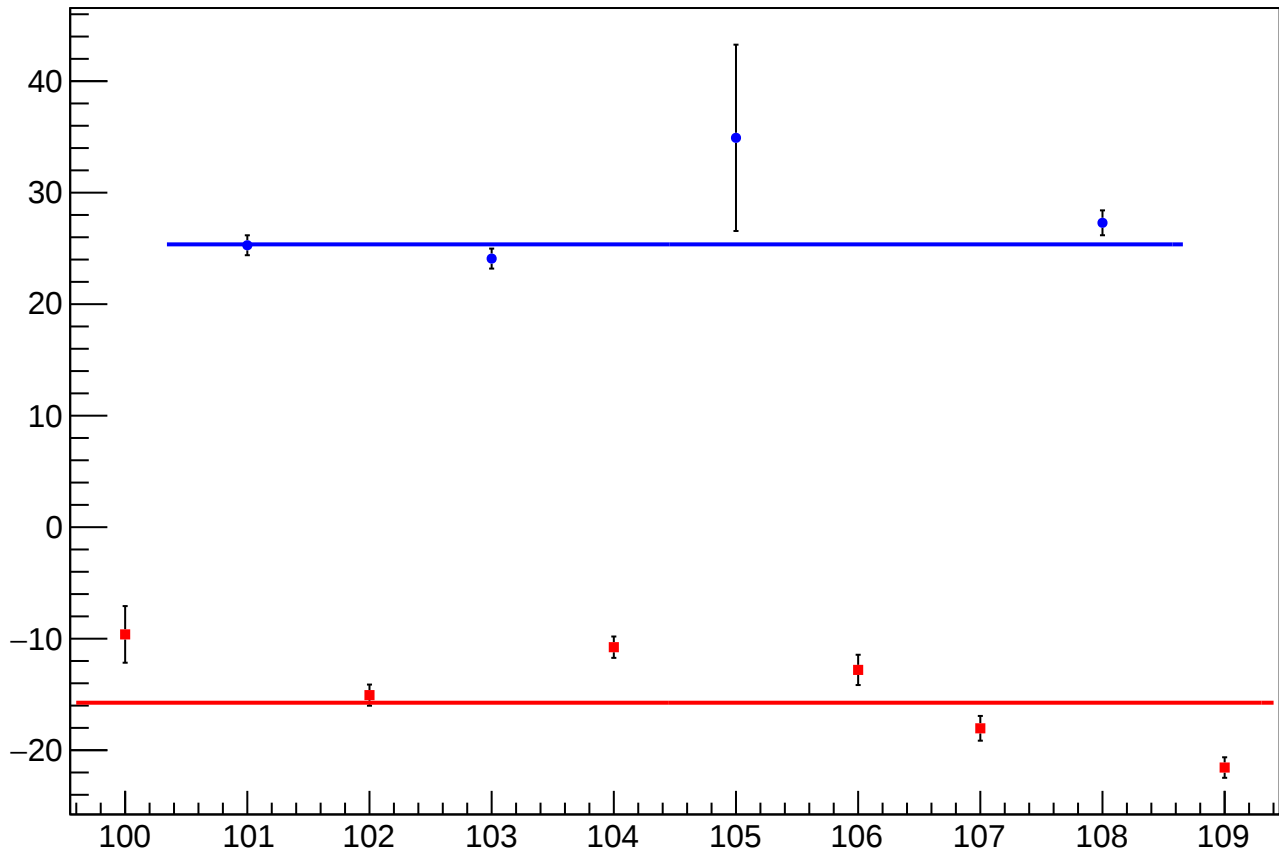
875.180 $\pm$ 0.499 χ^2 /NDF: 6287.6/3

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

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

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

diff_bpm1i04Y_mean vs slug



Right In: 25.363+/-0.549 χ^2/NDF : 6.3/3

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

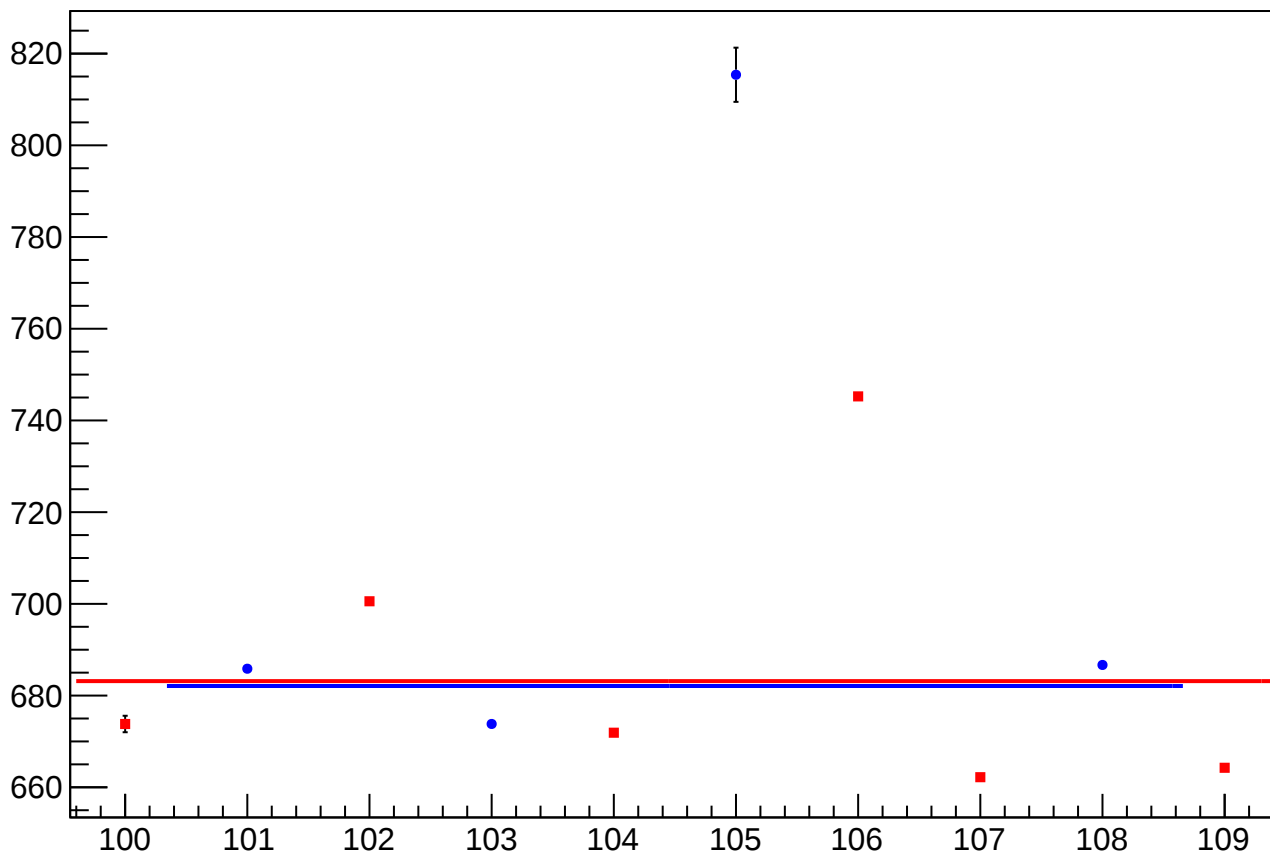
25.363+/-0.549 χ^2/NDF : 6.3/3

Right Out: -15.742+/-0.452 χ^2/NDF : 82.3/5

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

-15.742+/-0.452 χ^2/NDF : 82.3/5

diff_bpm1i04Y_rms vs slug



Right In: 682.089+/-0.388 χ^2/NDF : 749.3/3

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

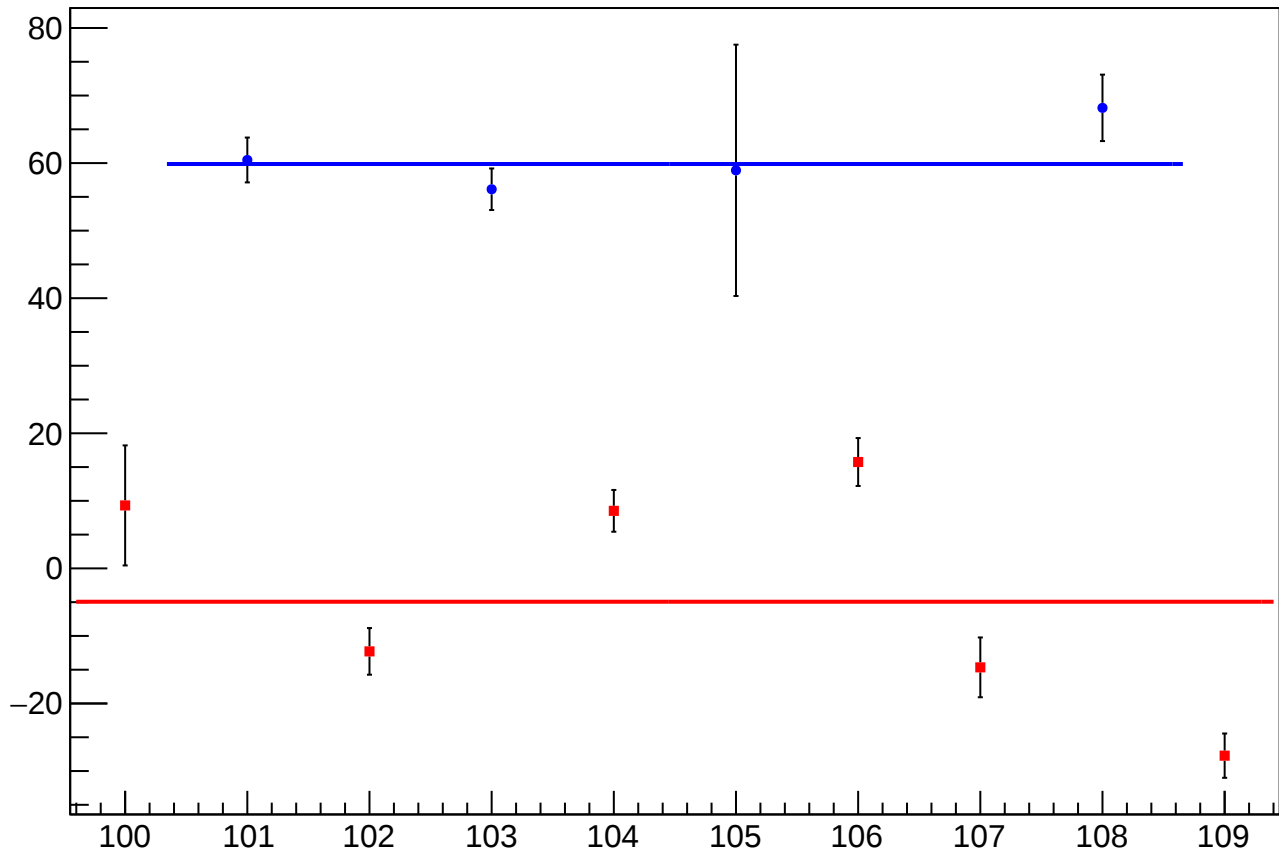
Right Out: 683.154+/-0.320 χ^2/NDF : 6717.0/5

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

682.089+/-0.388 χ^2/NDF : 749.3/3

683.154+/-0.320 χ^2/NDF : 6717.0/5

diff_bpm1i06X_mean vs slug



Right In: 59.864+/-2.038 χ^2/NDF : 4.4/3

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

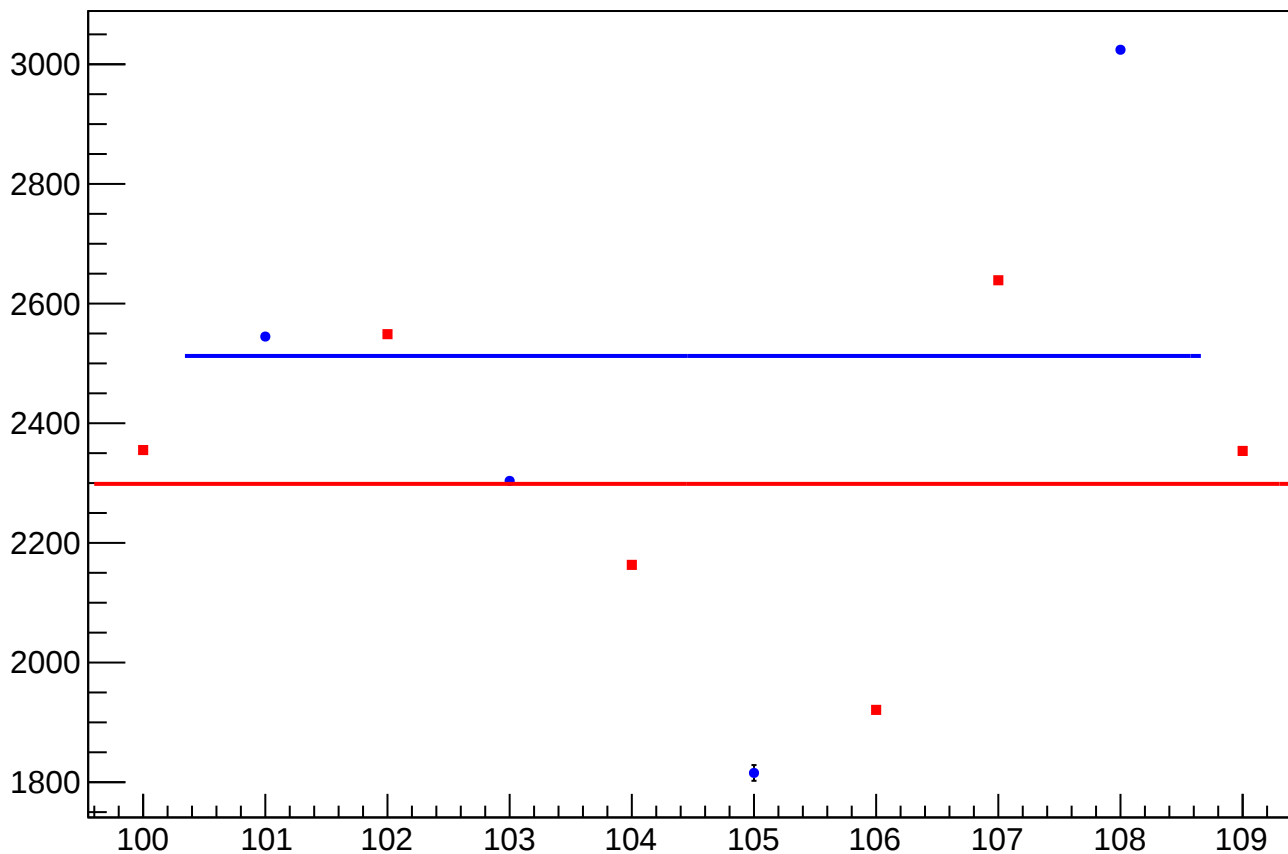
Right Out: -4.936+/-1.535 χ^2/NDF : 113.2/5

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

59.864+/-2.038 χ^2/NDF : 4.4/3

-4.936+/-1.535 χ^2/NDF : 113.2/5

diff_bpm1i06X_rms vs slug



Right In: 2512.477 $\pm$ 1.441 χ^2 /NDF: 33873.0/3

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

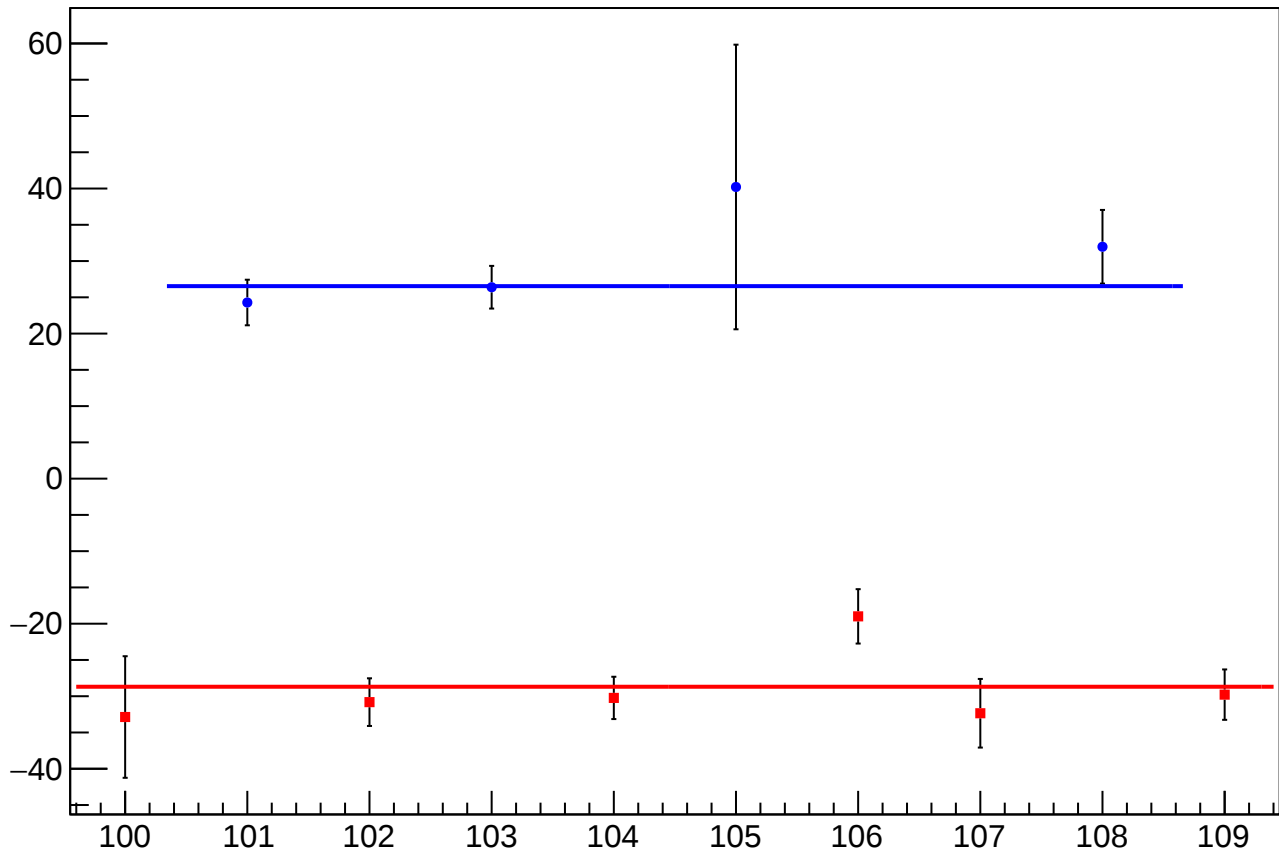
Right Out: 2298.656 $\pm$ 1.085 χ^2 /NDF: 49496.1/5

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

2512.477 $\pm$ 1.441 χ^2 /NDF: 33873.0/3

2298.656 $\pm$ 1.085 χ^2 /NDF: 49496.1/5

diff_bpm1i06Y_mean vs slug



Right In: 26.542+/-1.968 χ^2 /NDF: 2.1/3

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

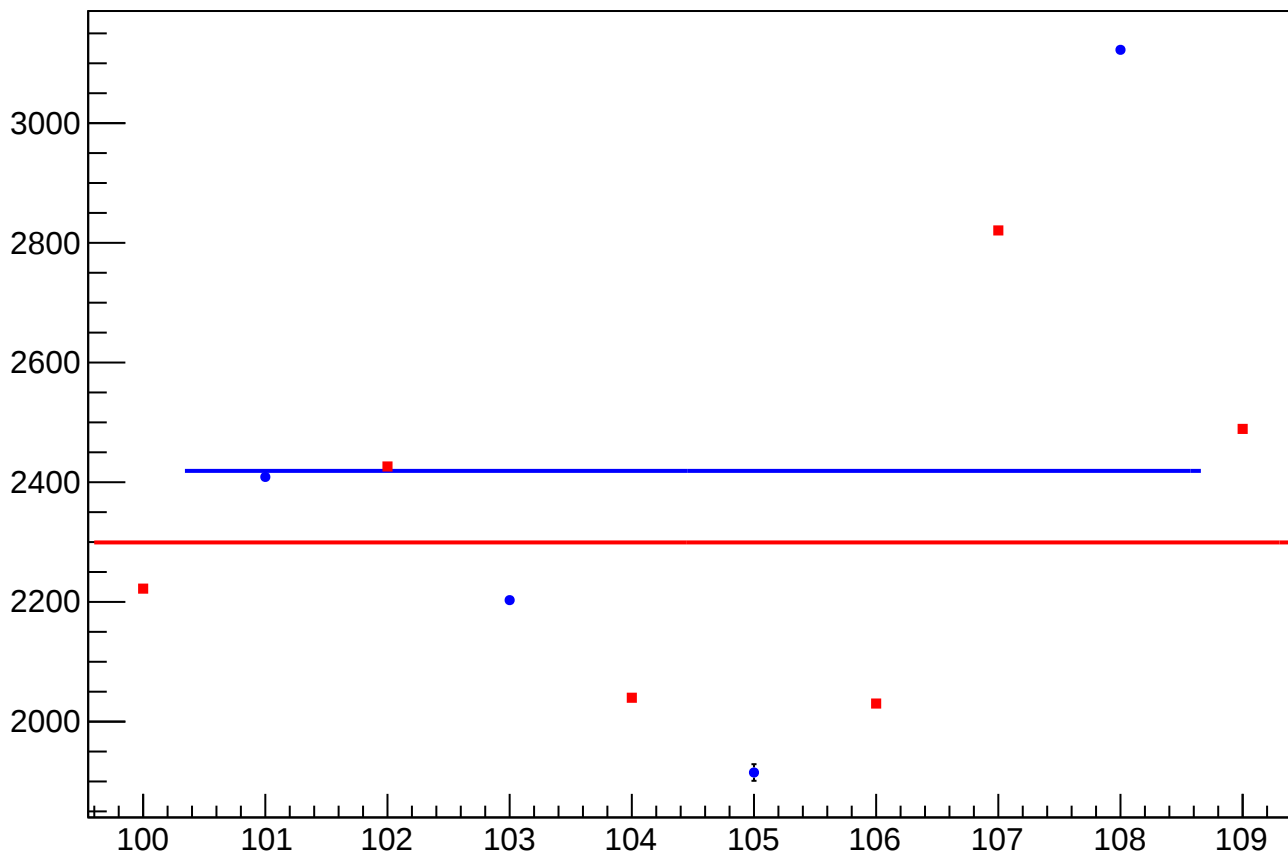
26.542+/-1.968 χ^2 /NDF: 2.1/3

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

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

-28.693+/-1.537 χ^2 /NDF: 8.3/5

diff_bpm1i06Y_rms vs slug



Right In: 2418.956 $\pm$ 1.392 χ^2 /NDF: 50489.5/3

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

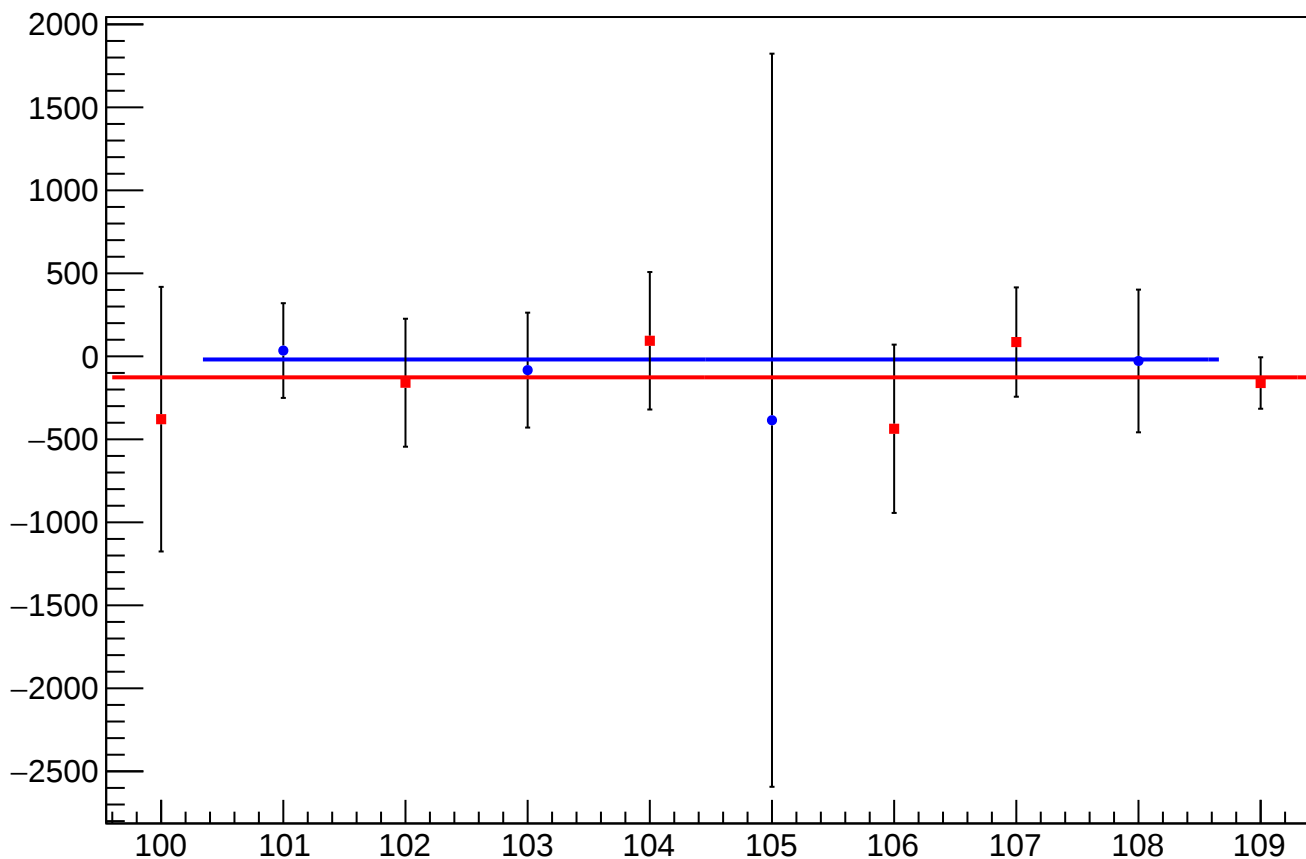
Right Out: 2299.403 $\pm$ 1.087 χ^2 /NDF: 59537.0/5

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

2418.956 $\pm$ 1.392 χ^2 /NDF: 50489.5/3

2299.403 $\pm$ 1.087 χ^2 /NDF: 59537.0/5

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: -18.868+/-195.194 χ^2/NDF : 0.1/3

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

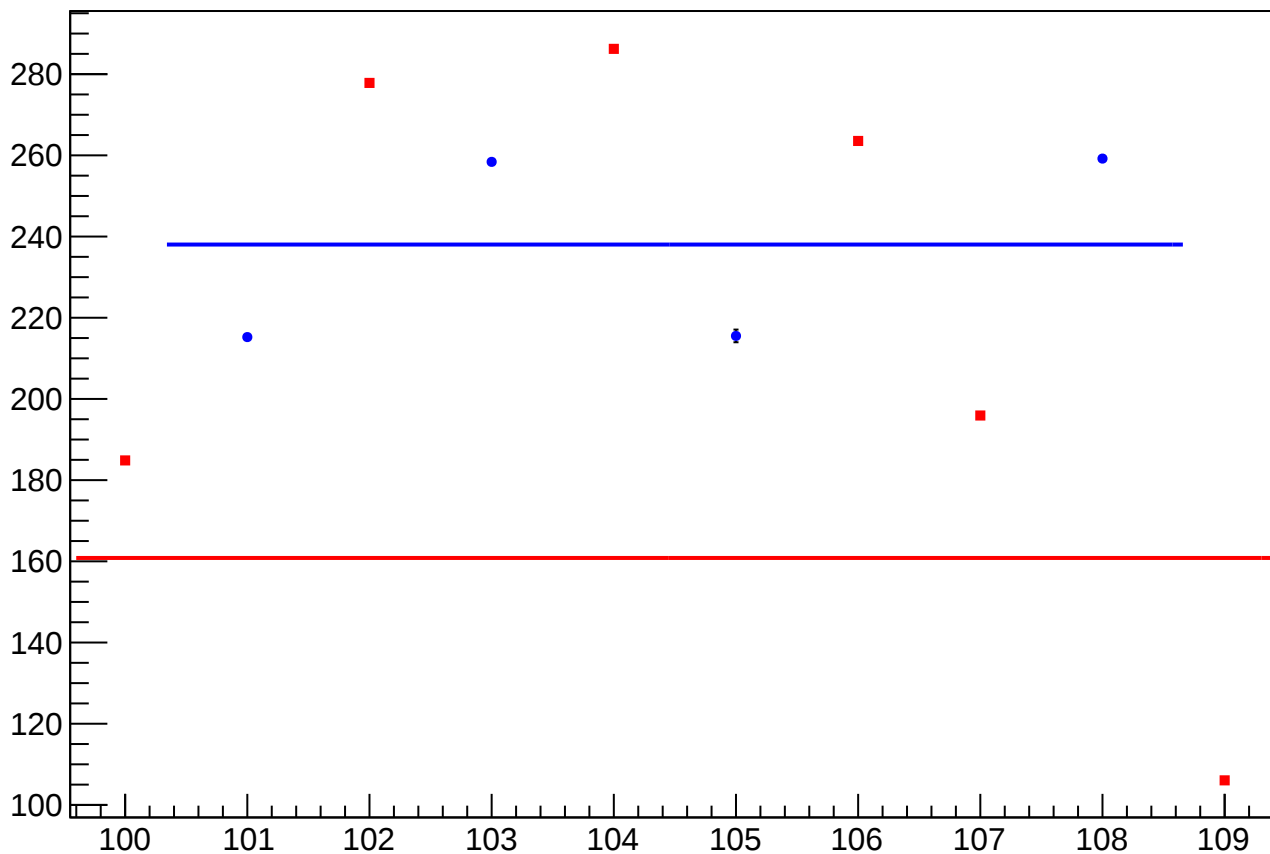
Right Out: -126.525+/-120.507 χ^2/NDF : 1.2/5

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

-18.868+/-195.194 χ^2/NDF : 0.1/3

-126.525+/-120.507 χ^2/NDF : 1.2/5

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 238.030+/-0.138 χ^2/NDF : 24745.3/3

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

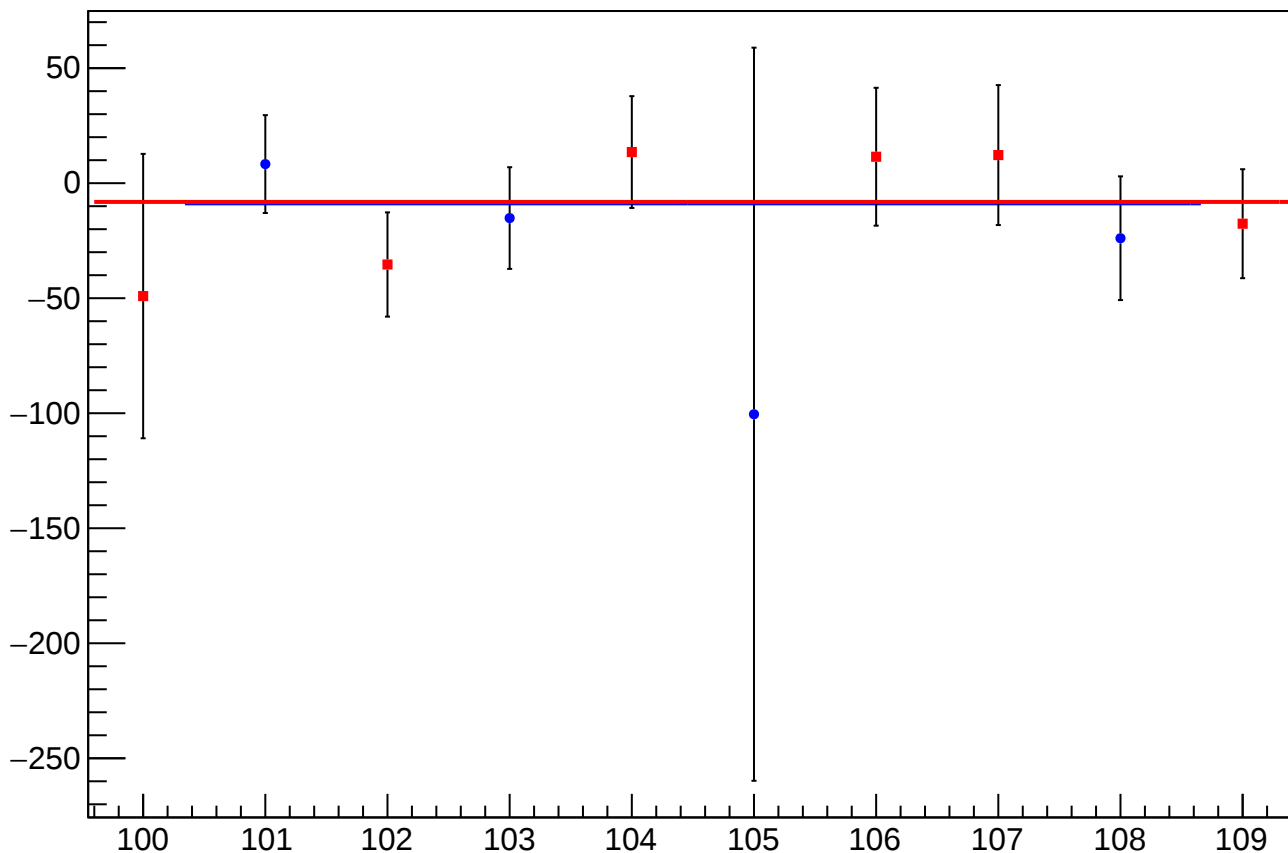
238.030+/-0.138 χ^2/NDF : 24745.3/3

Right Out: 160.832+/-0.085 χ^2/NDF : 724033.5/5

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

160.832+/-0.085 χ^2/NDF : 724033.5/5

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs slug



Right In: -8.753+/-13.268 χ^2/NDF : 1.4/3

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

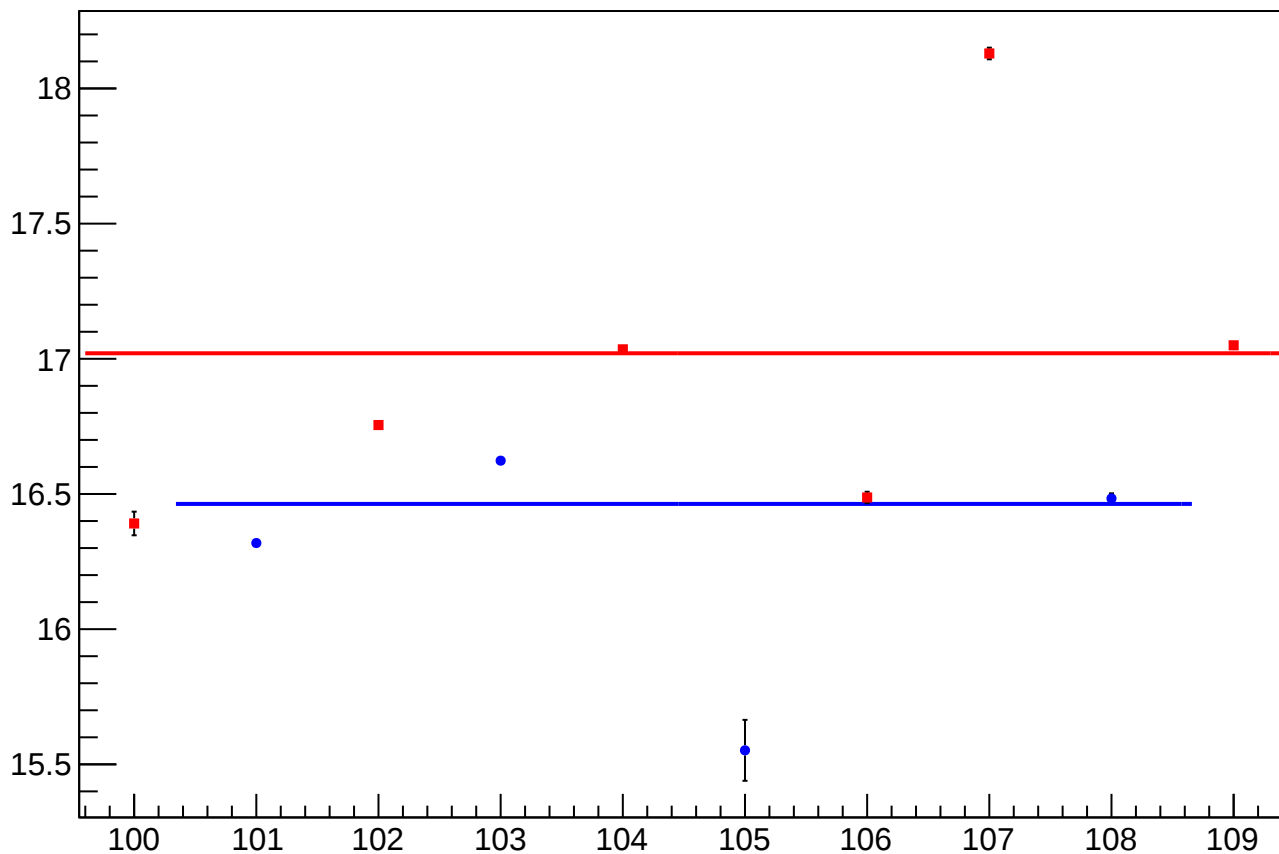
Right Out: -8.141+/-11.266 χ^2/NDF : 3.7/5

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

-8.753+/-13.268 χ^2/NDF : 1.4/3

-8.141+/-11.266 χ^2/NDF : 3.7/5

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs slug



Right In: 16.463 $\pm$ 0.009 χ^2 /NDF: 263.9/3

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

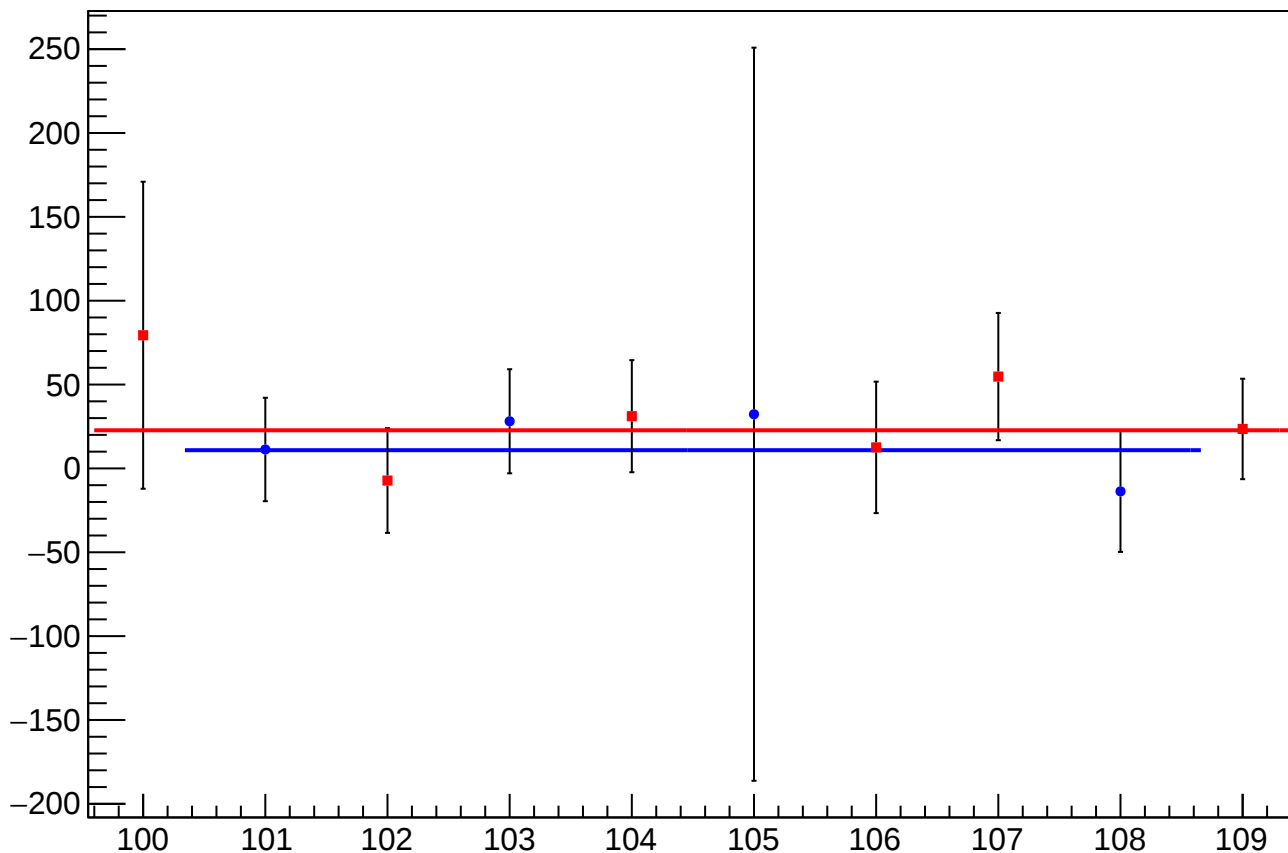
Right Out: 17.020 $\pm$ 0.008 χ^2 /NDF: 3776.5/5

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

16.463 $\pm$ 0.009 χ^2 /NDF: 263.9/3

17.020 $\pm$ 0.008 χ^2 /NDF: 3776.5/5

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs slug



Right In: 10.868 $\pm$ 18.641 χ^2 /NDF: 0.8/3

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

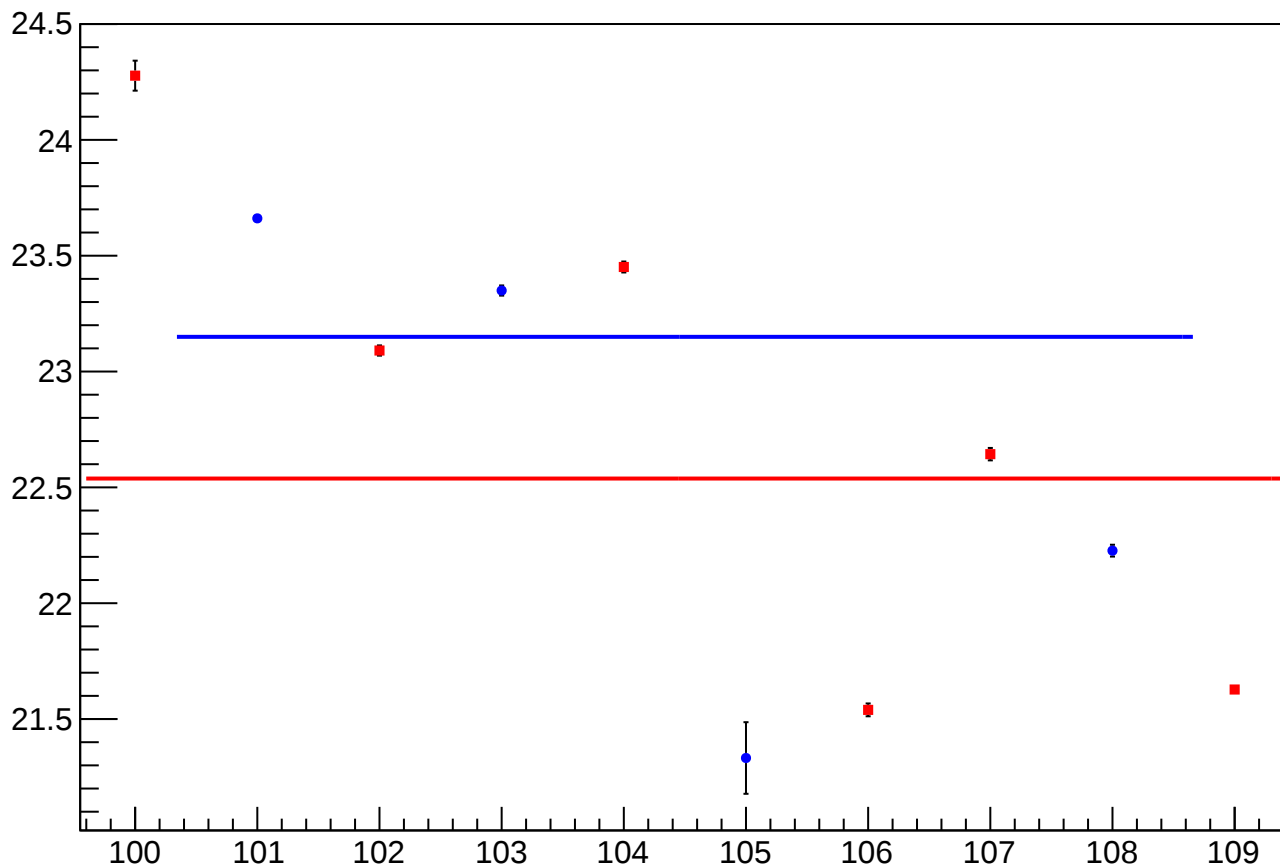
Right Out: 22.745 $\pm$ 14.905 χ^2 /NDF: 2.1/5

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

10.868 $\pm$ 18.641 χ^2 /NDF: 0.8/3

22.745 $\pm$ 14.905 χ^2 /NDF: 2.1/5

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs slug



Right In: 23.150+/-0.013 χ^2/NDF : 2077.6/3

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

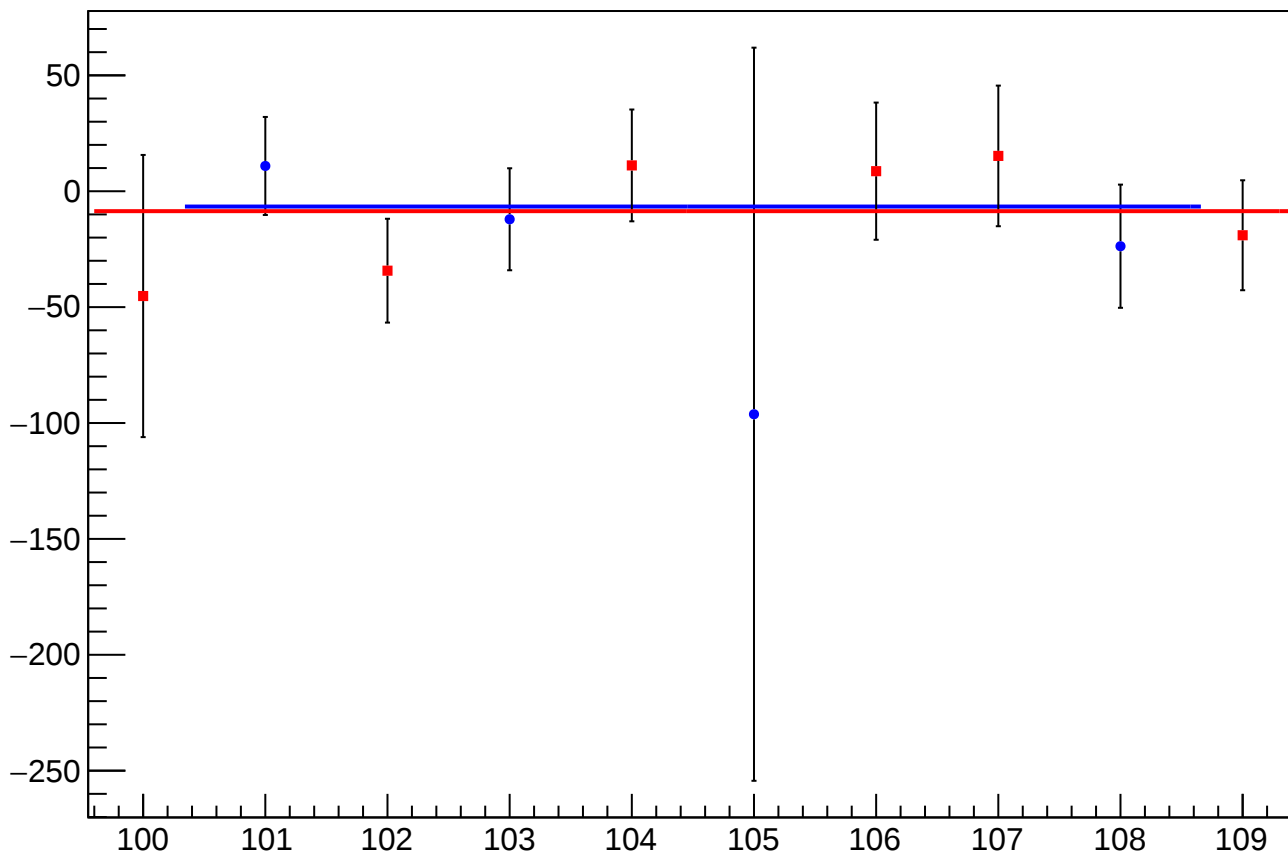
Right Out: 22.538+/-0.011 χ^2/NDF : 6005.0/5

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

23.150+/-0.013 χ^2/NDF : 2077.6/3

22.538+/-0.011 χ^2/NDF : 6005.0/5

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs slug



Right In: -6.605+/-13.179 χ^2/NDF : 1.5/3

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

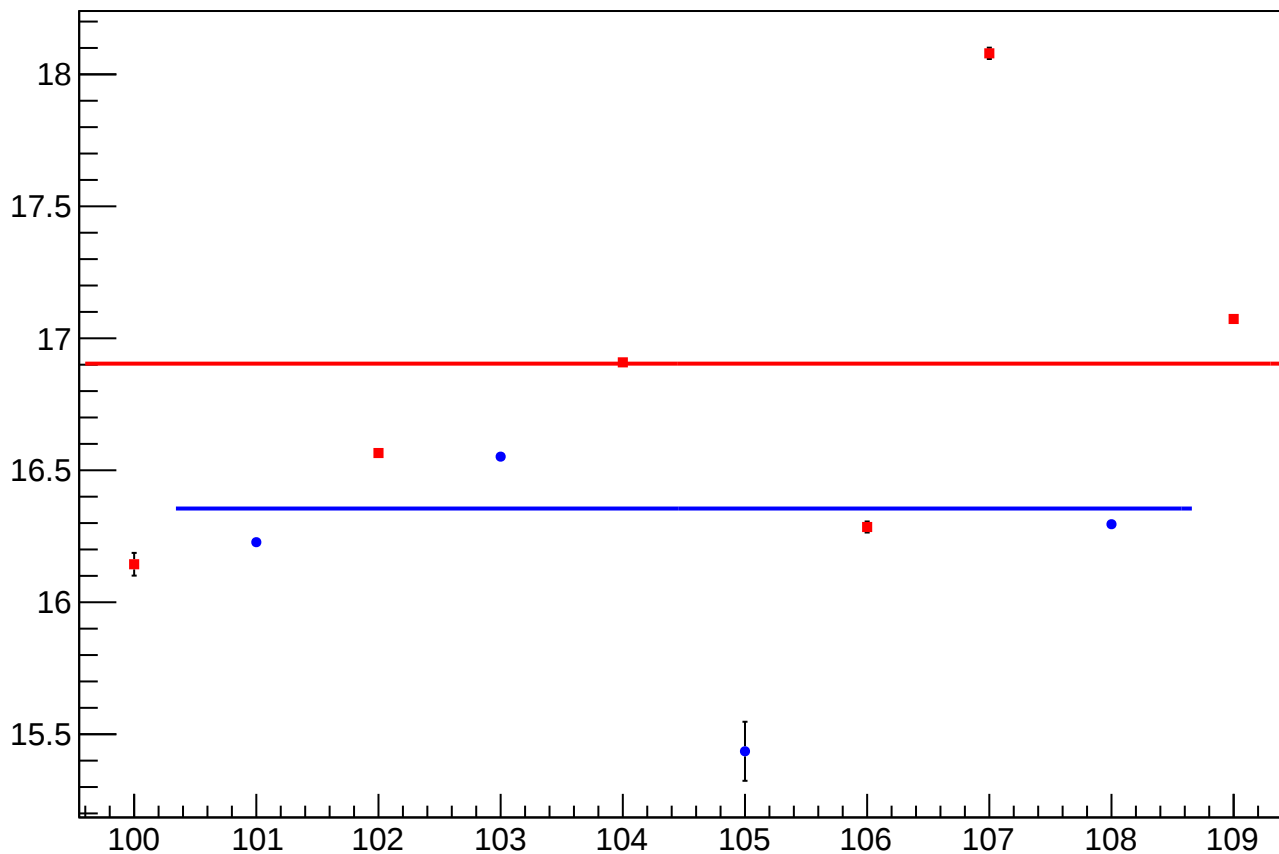
Right Out: -8.595+/-11.189 χ^2/NDF : 3.5/5

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

-6.605+/-13.179 χ^2/NDF : 1.5/3

-8.595+/-11.189 χ^2/NDF : 3.5/5

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs slug



Right In: 16.355+/-0.009 χ^2 /NDF: 310.0/3

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

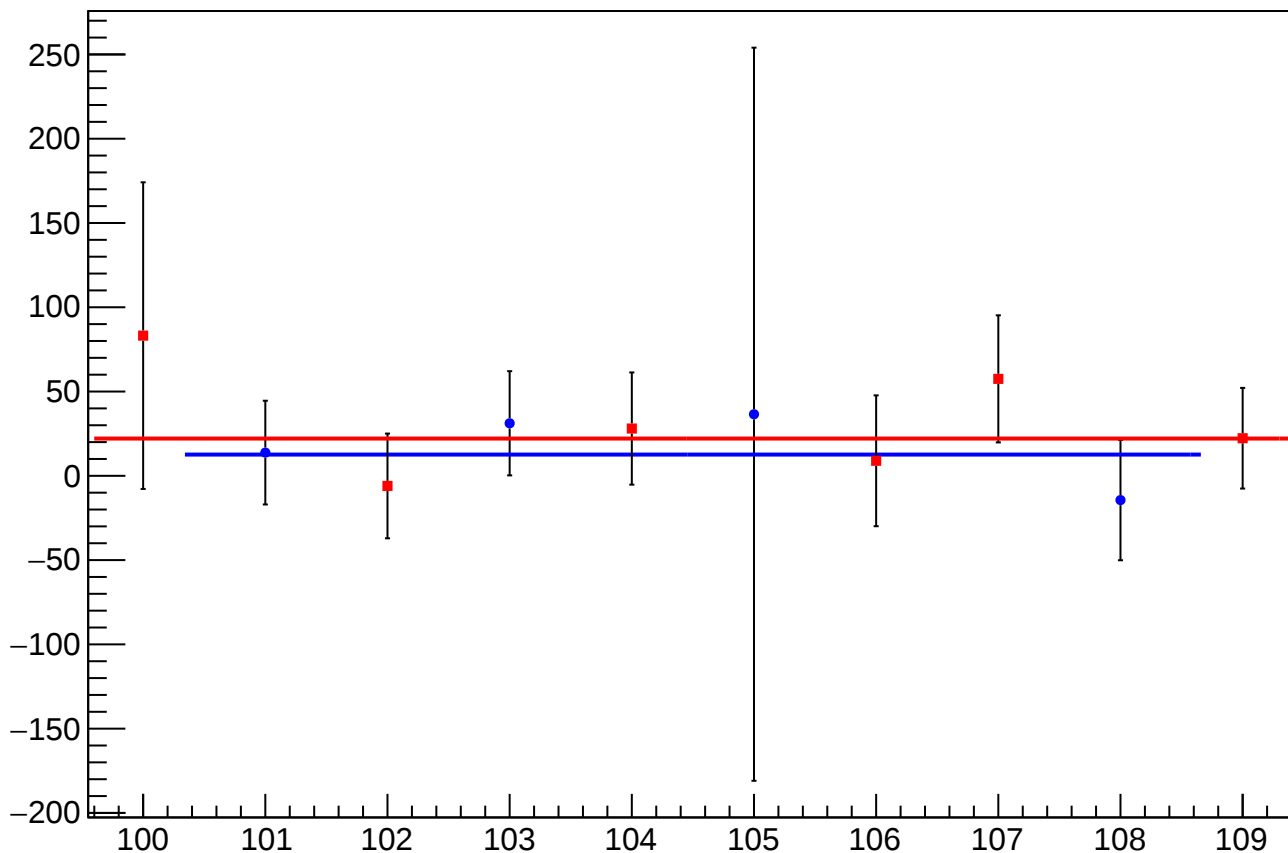
Right Out: 16.904+/-0.008 χ^2 /NDF: 4748.9/5

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

16.355+/-0.009 χ^2 /NDF: 310.0/3

16.904+/-0.008 χ^2 /NDF: 4748.9/5

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs slug



Right In: 12.602 $\pm$ 18.544 χ^2 /NDF: 0.9/3

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

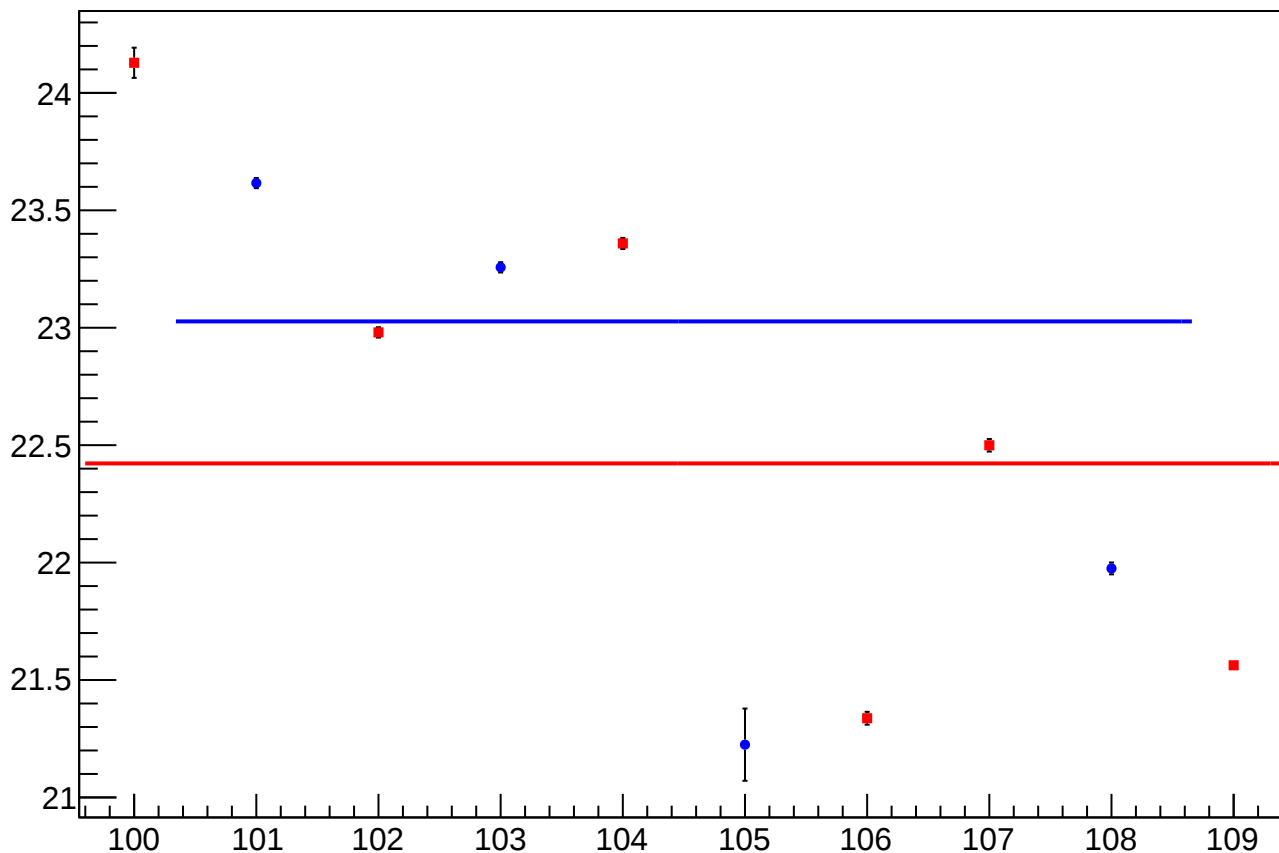
Right Out: 22.104 $\pm$ 14.828 χ^2 /NDF: 2.3/5

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

12.602 $\pm$ 18.544 χ^2 /NDF: 0.9/3

22.104 $\pm$ 14.828 χ^2 /NDF: 2.3/5

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs slug



Right In: 23.027 ± 0.013 χ^2/NDF : 2716.7/3

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

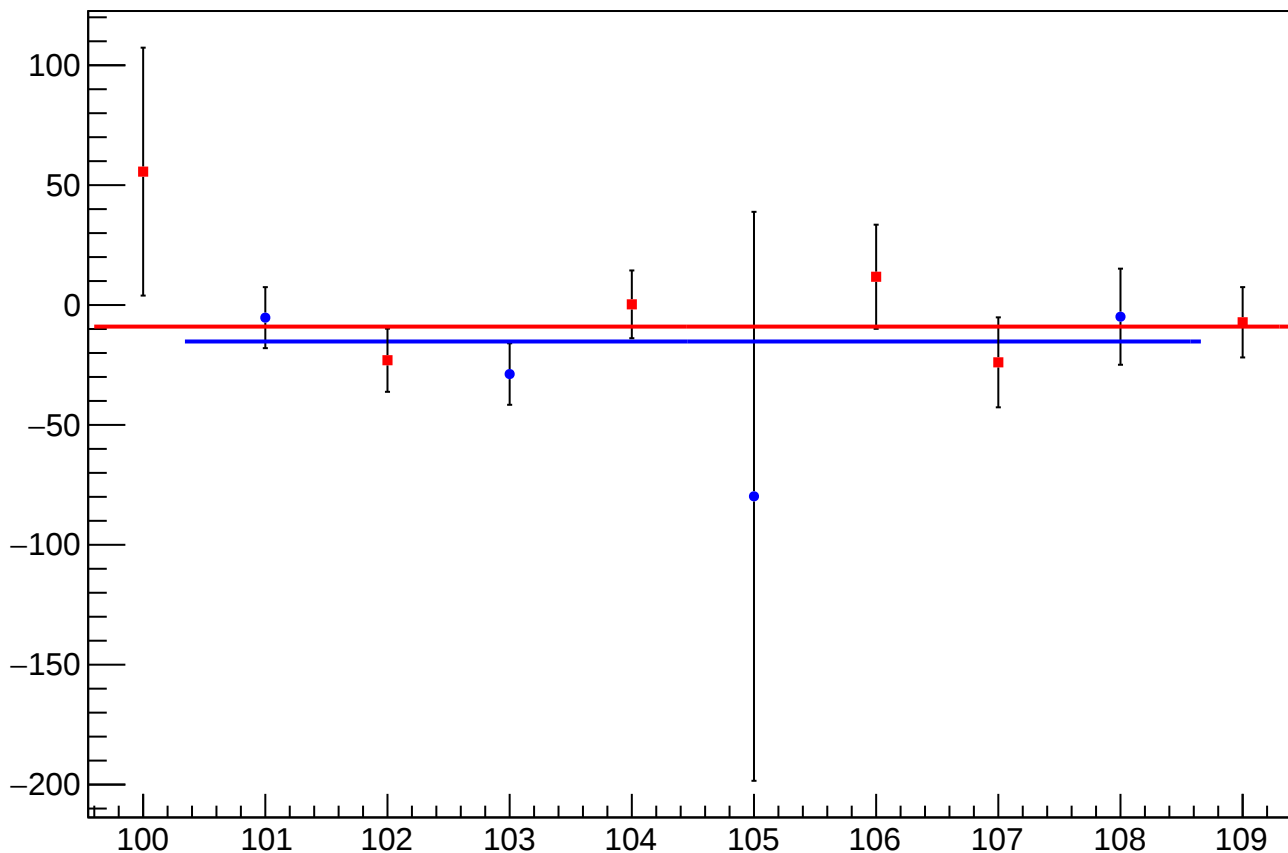
Right Out: 22.422 ± 0.010 χ^2/NDF : 6161.2/5

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

23.027 ± 0.013 χ^2/NDF : 2716.7/3

22.422 ± 0.010 χ^2/NDF : 6161.2/5

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -15.207+/-8.214 χ^2/NDF : 2.3/3

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

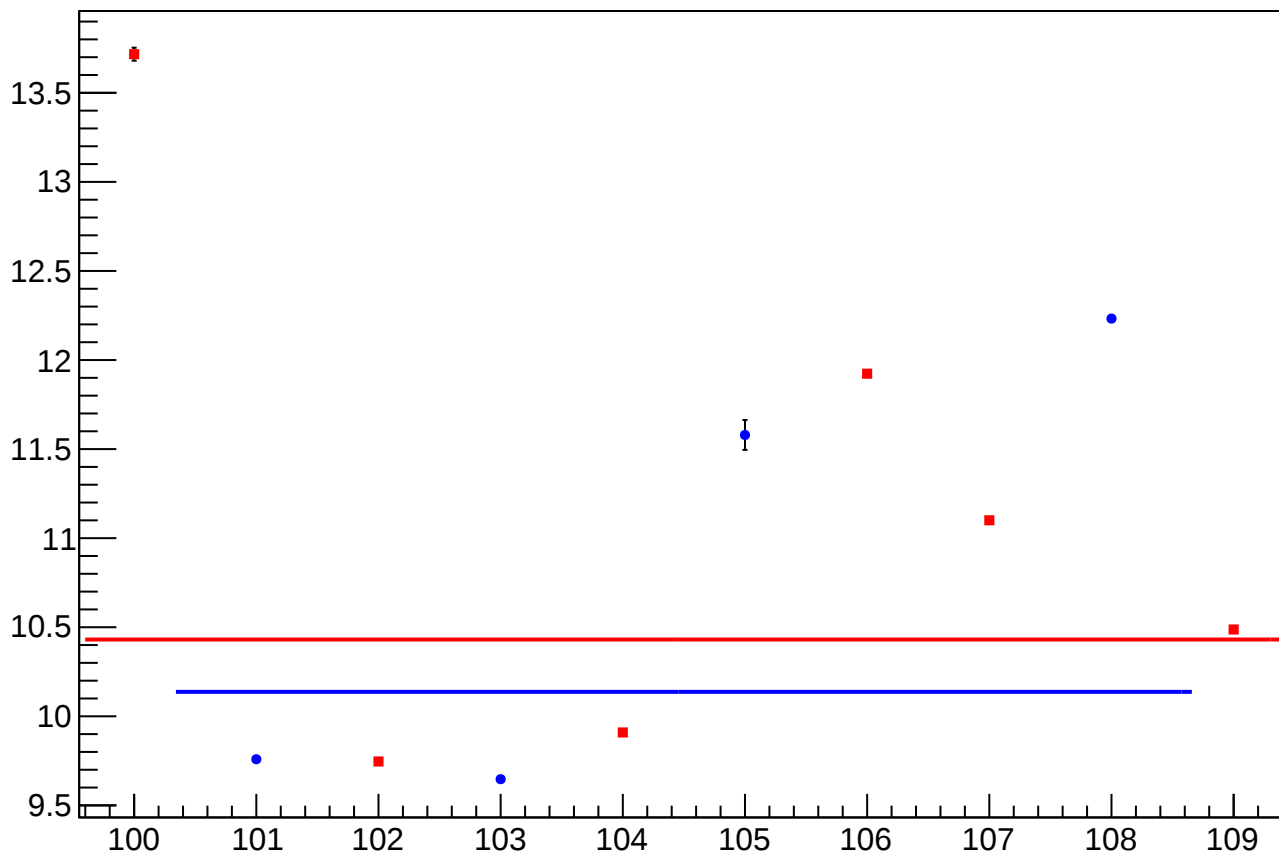
Right Out: -8.996+/-6.941 χ^2/NDF : 4.7/5

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

-15.207+/-8.214 χ^2/NDF : 2.3/3

-8.996+/-6.941 χ^2/NDF : 4.7/5

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 10.137+/-0.006 χ^2/NDF : 26847.4/3

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

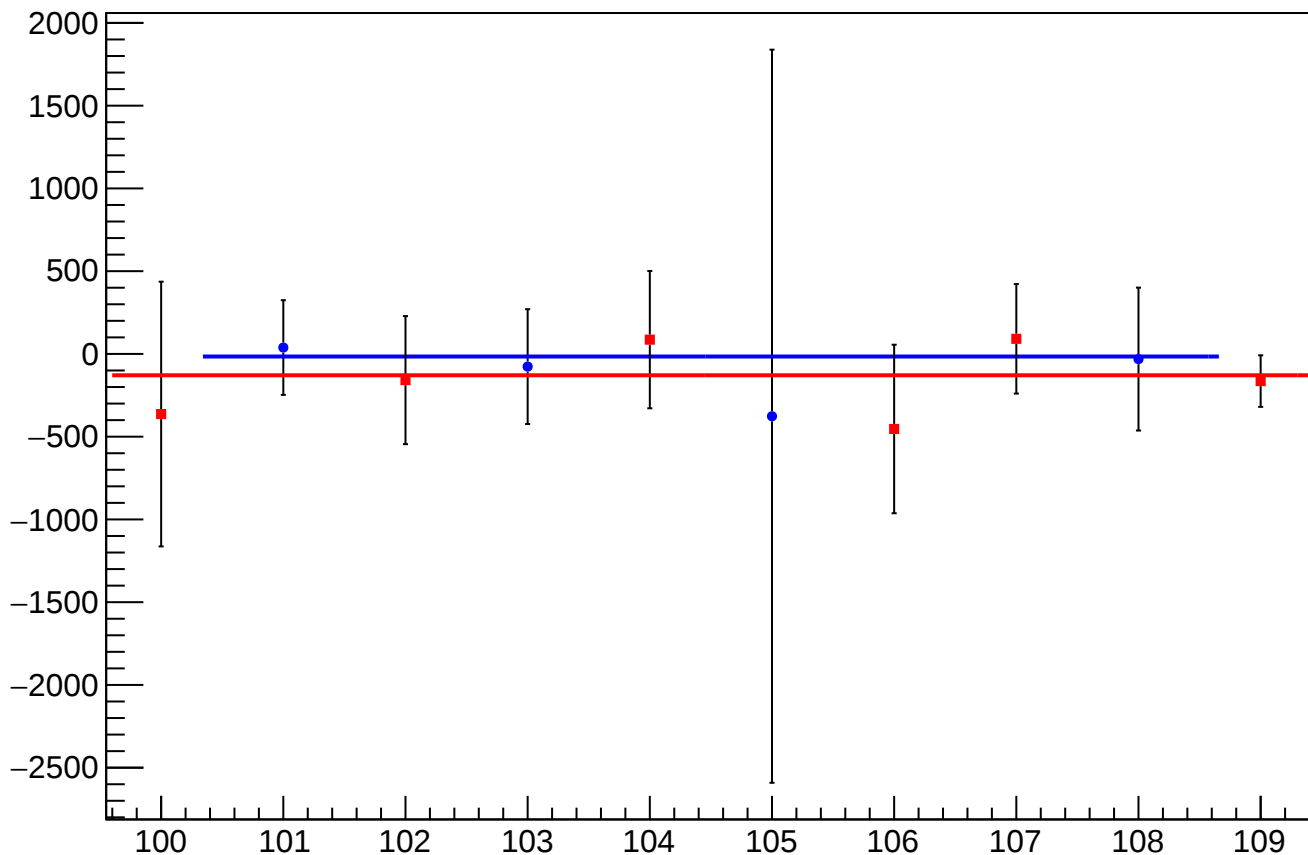
Right Out: 10.431+/-0.005 χ^2/NDF : 28228.0/5

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

10.137+/-0.006 χ^2/NDF : 26847.4/3

10.431+/-0.005 χ^2/NDF : 28228.0/5

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: -15.647+/-195.704 χ^2/NDF : 0.1/3

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

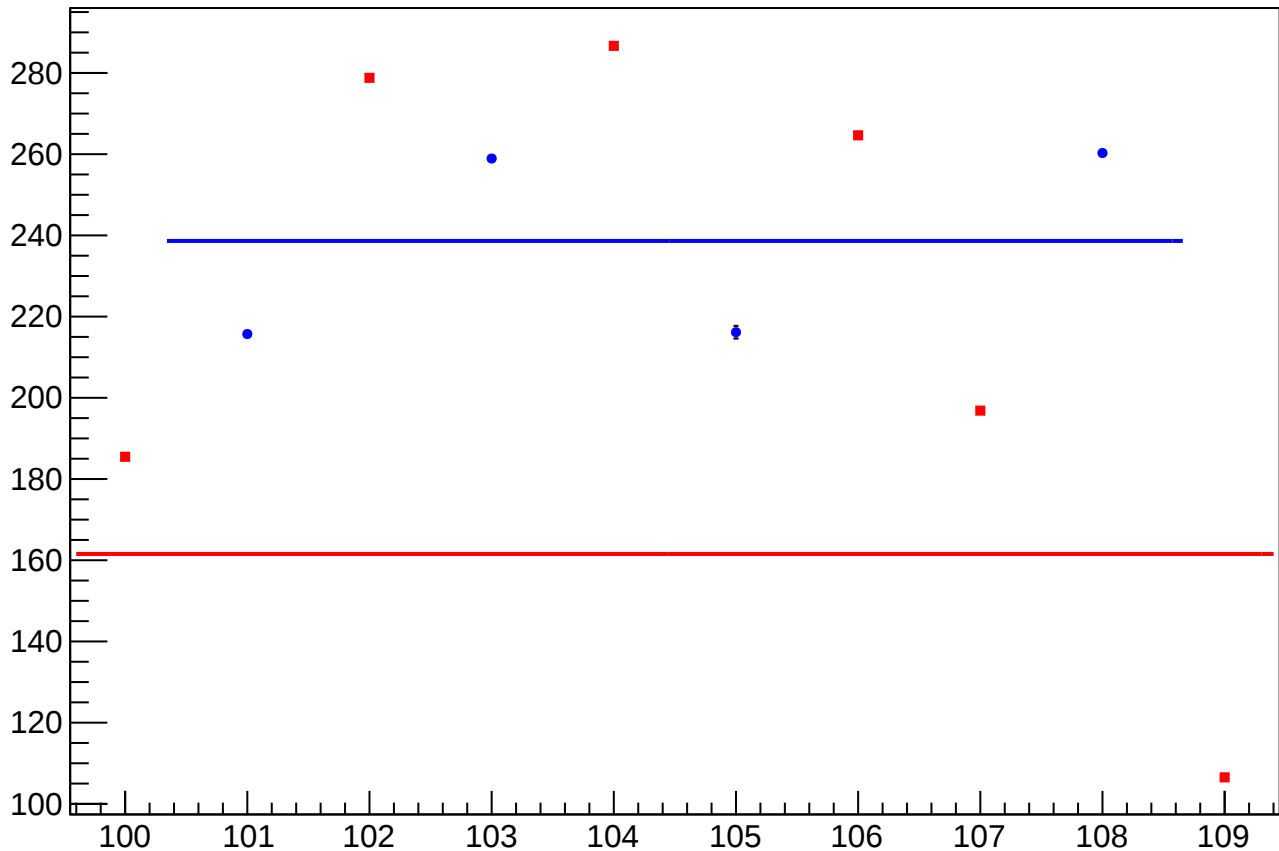
Right Out: -128.963+/-121.008 χ^2/NDF : 1.3/5

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

-15.647+/-195.704 χ^2/NDF : 0.1/3

-128.963+/-121.008 χ^2/NDF : 1.3/5

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 238.636 $\pm$ 0.138 χ^2 /NDF: 24939.4/3

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

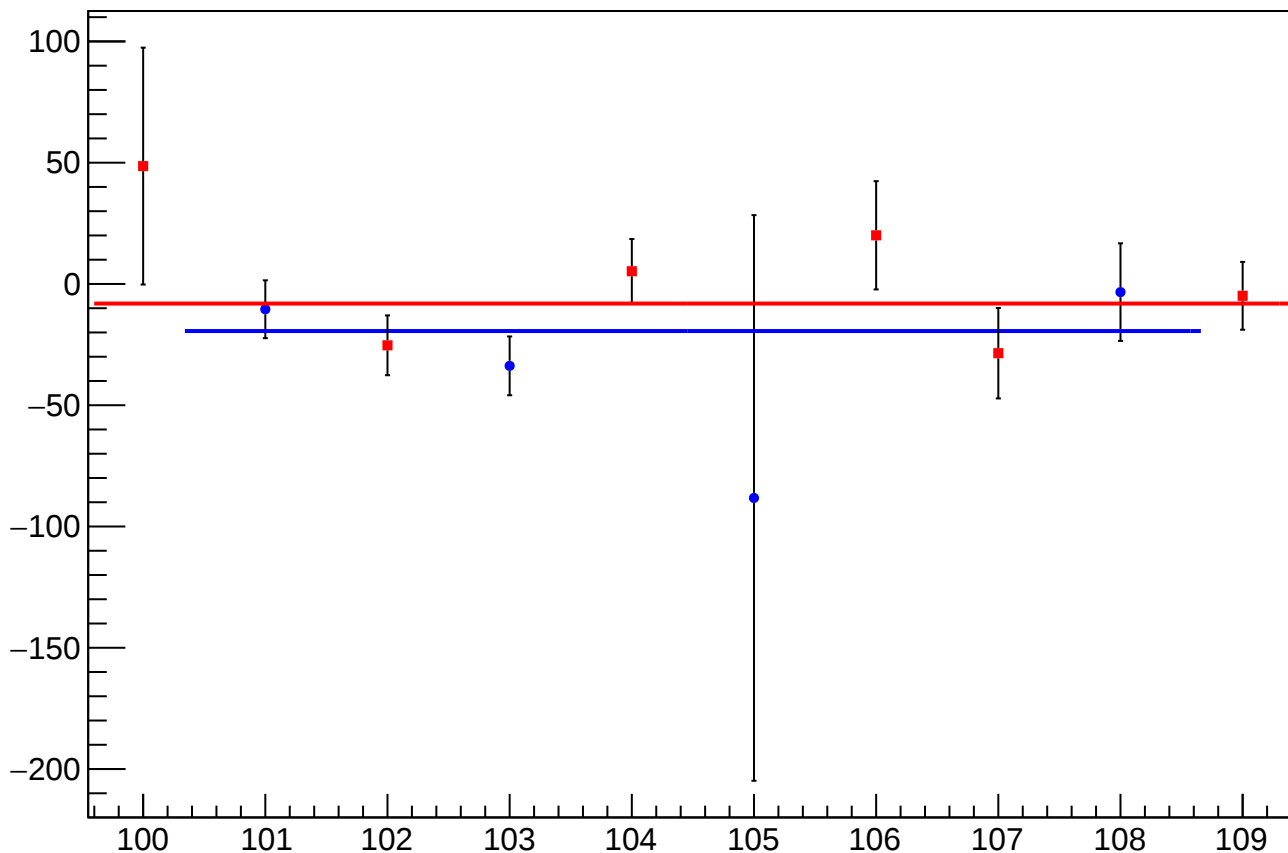
238.636 $\pm$ 0.138 χ^2 /NDF: 24939.4/3

Right Out: 161.544 $\pm$ 0.086 χ^2 /NDF: 722017.9/5

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

161.544 $\pm$ 0.086 χ^2 /NDF: 722017.9/5

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -19.411 $\pm$ 7.812 χ^2 /NDF: 3.0/3

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

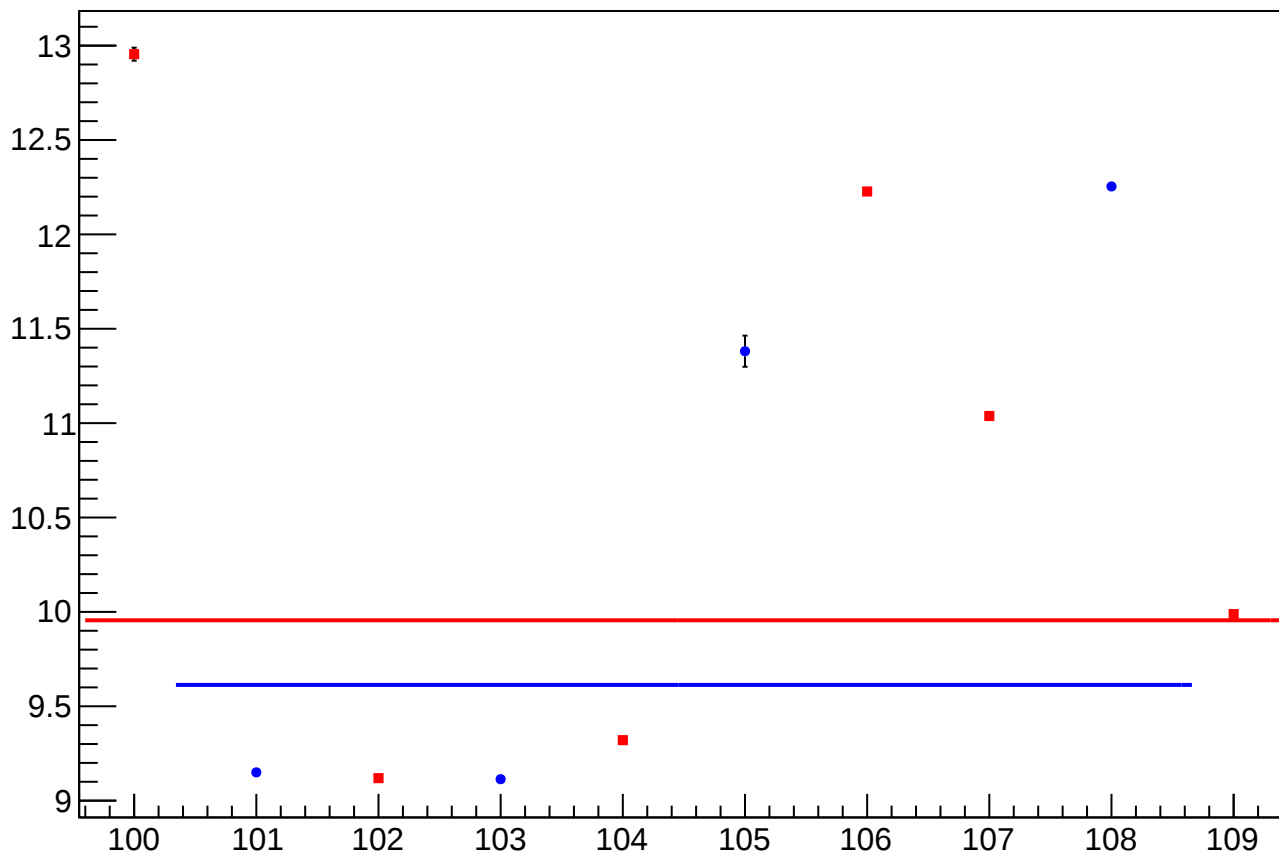
Right Out: -8.084 $\pm$ 6.643 χ^2 /NDF: 7.1/5

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

-19.411 $\pm$ 7.812 χ^2 /NDF: 3.0/3

-8.084 $\pm$ 6.643 χ^2 /NDF: 7.1/5

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 9.613+/-0.006 χ^2/NDF : 41356.3/3

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

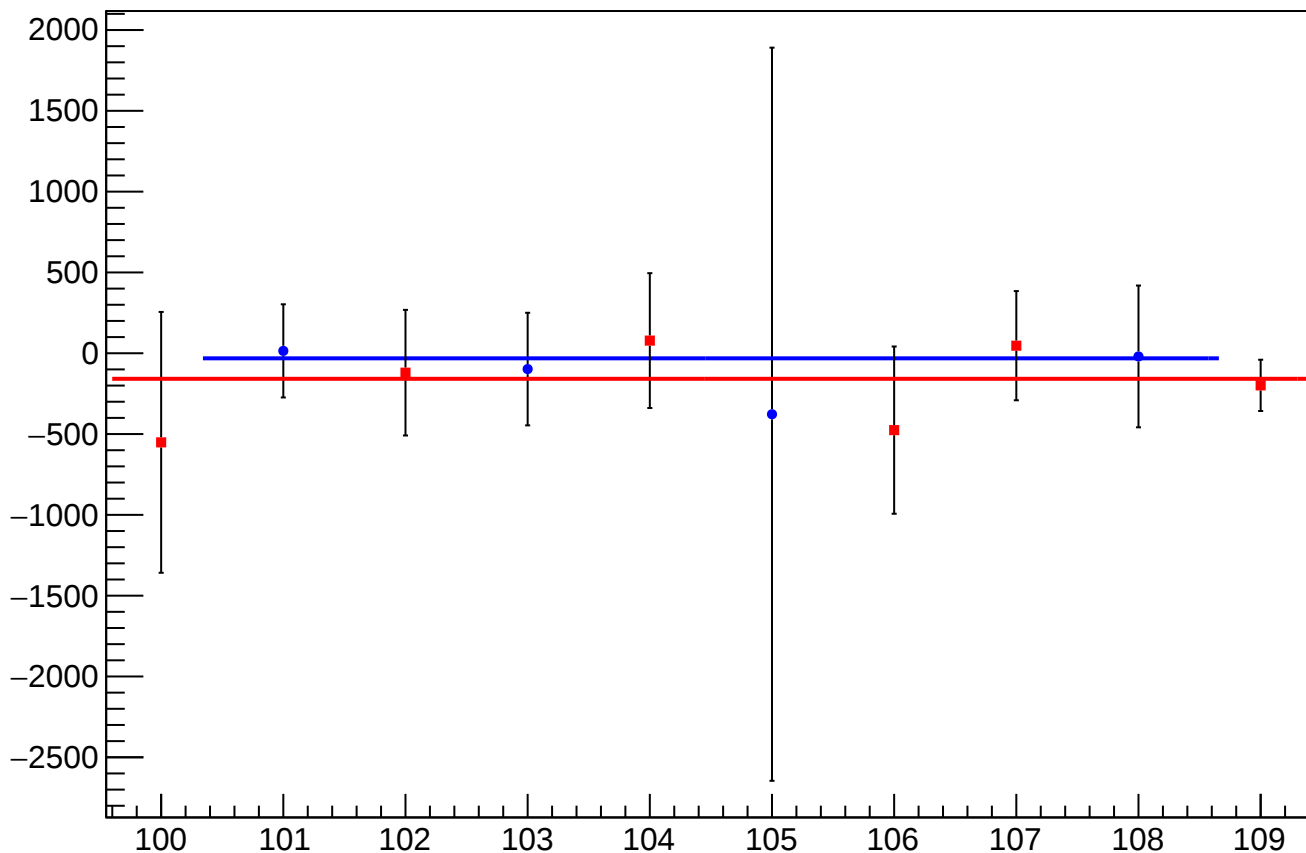
Right Out: 9.956+/-0.005 χ^2/NDF : 48780.2/5

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

9.613+/-0.006 χ^2/NDF : 41356.3/3

9.956+/-0.005 χ^2/NDF : 48780.2/5

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: -31.433+/-197.374 χ^2/NDF : 0.1/3

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

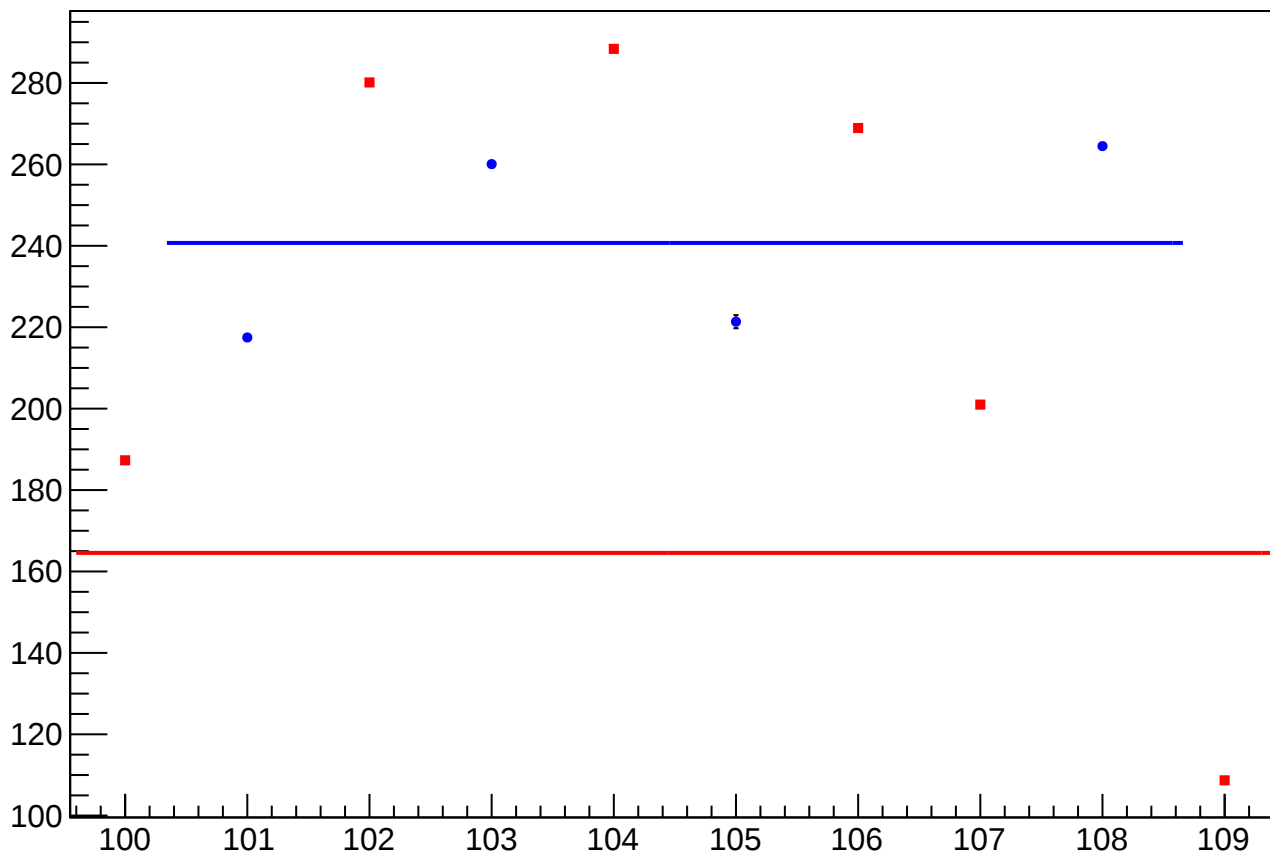
Right Out: -158.098+/-122.957 χ^2/NDF : 1.4/5

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

-31.433+/-197.374 χ^2/NDF : 0.1/3

-158.098+/-122.957 χ^2/NDF : 1.4/5

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 240.706+/-0.140 χ^2/NDF : 25188.5/3

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

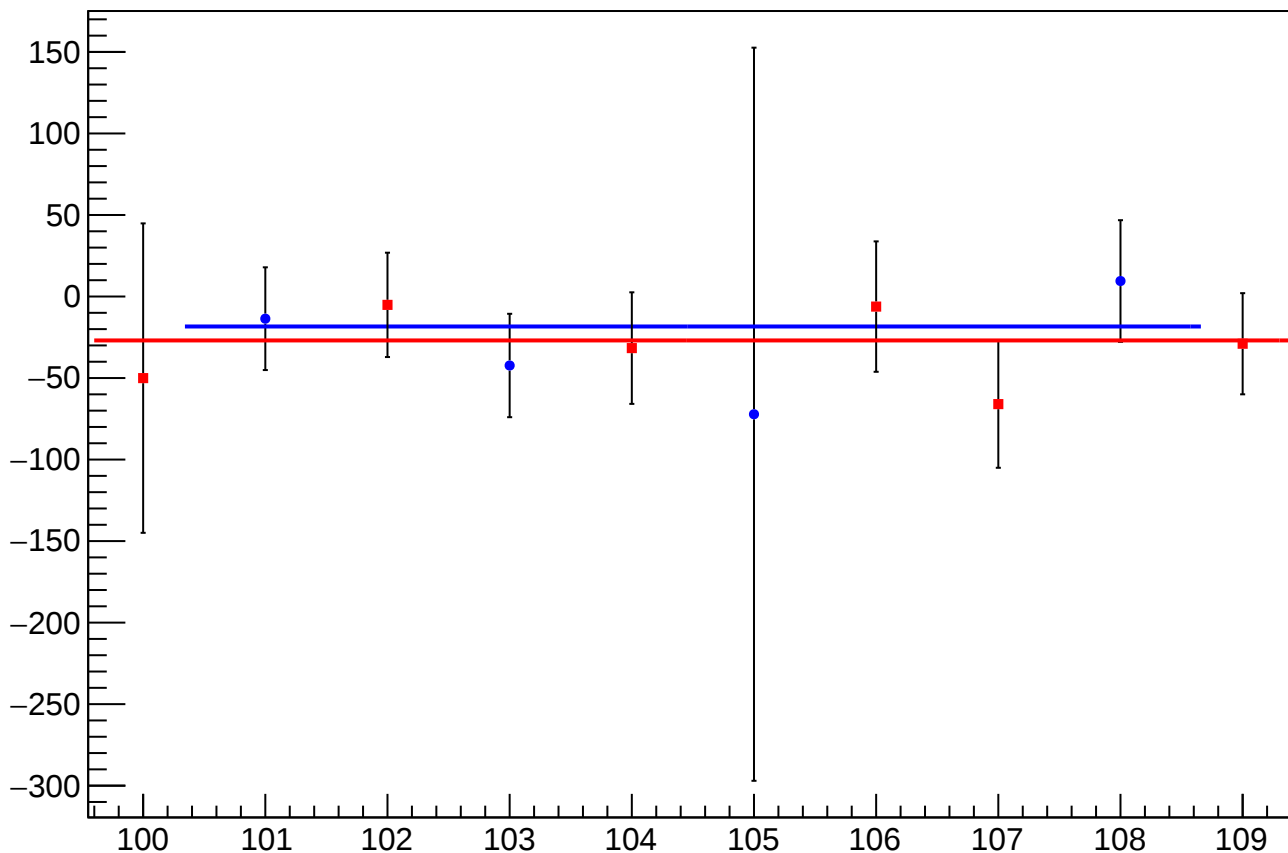
240.706+/-0.140 χ^2/NDF : 25188.5/3

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

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

164.569+/-0.087 χ^2/NDF : 707422.7/5

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -18.381 $\pm$ 19.102 χ^2 /NDF: 1.2/3

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

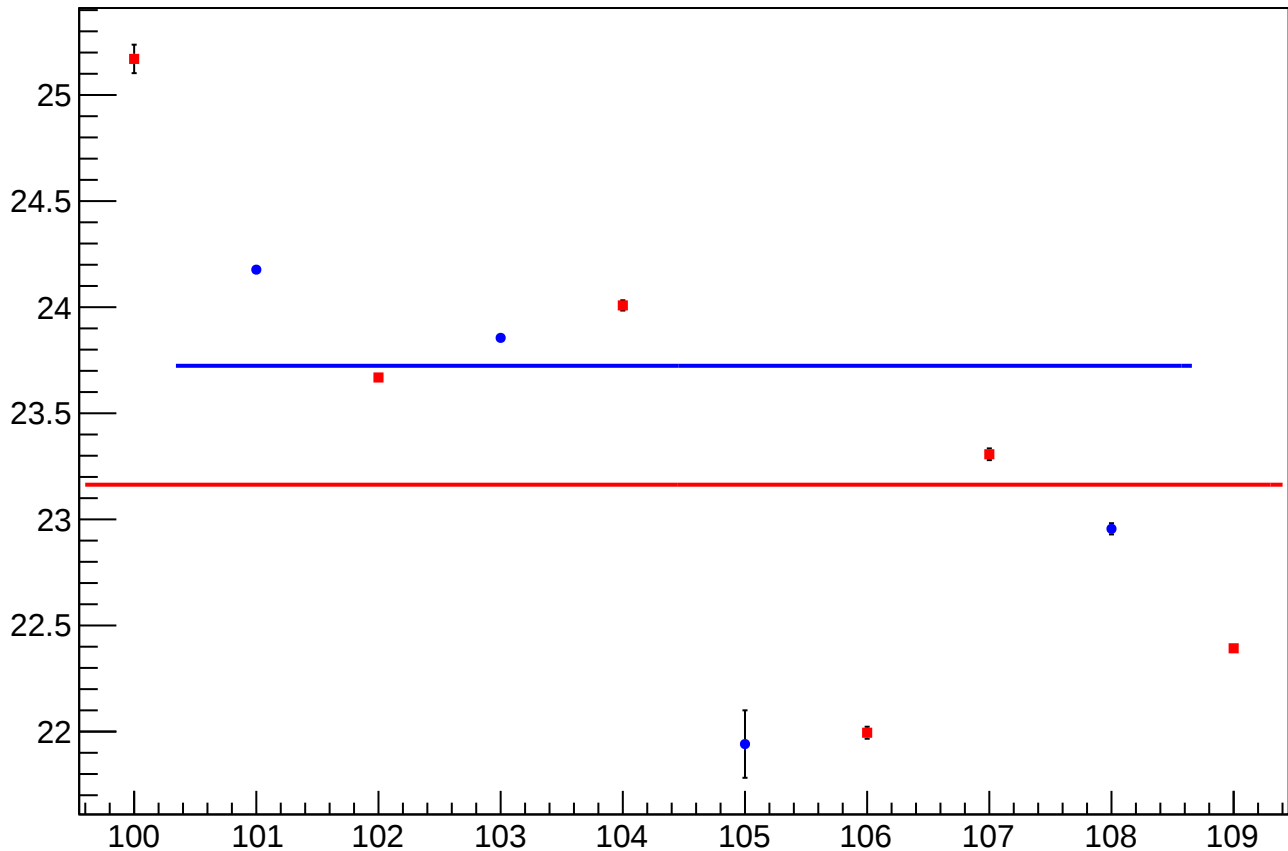
Right Out: -26.938 $\pm$ 15.317 χ^2 /NDF: 1.8/5

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

-18.381 $\pm$ 19.102 χ^2 /NDF: 1.2/3

-26.938 $\pm$ 15.317 χ^2 /NDF: 1.8/5

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 23.724+/-0.014 χ^2 /NDF: 1422.2/3

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

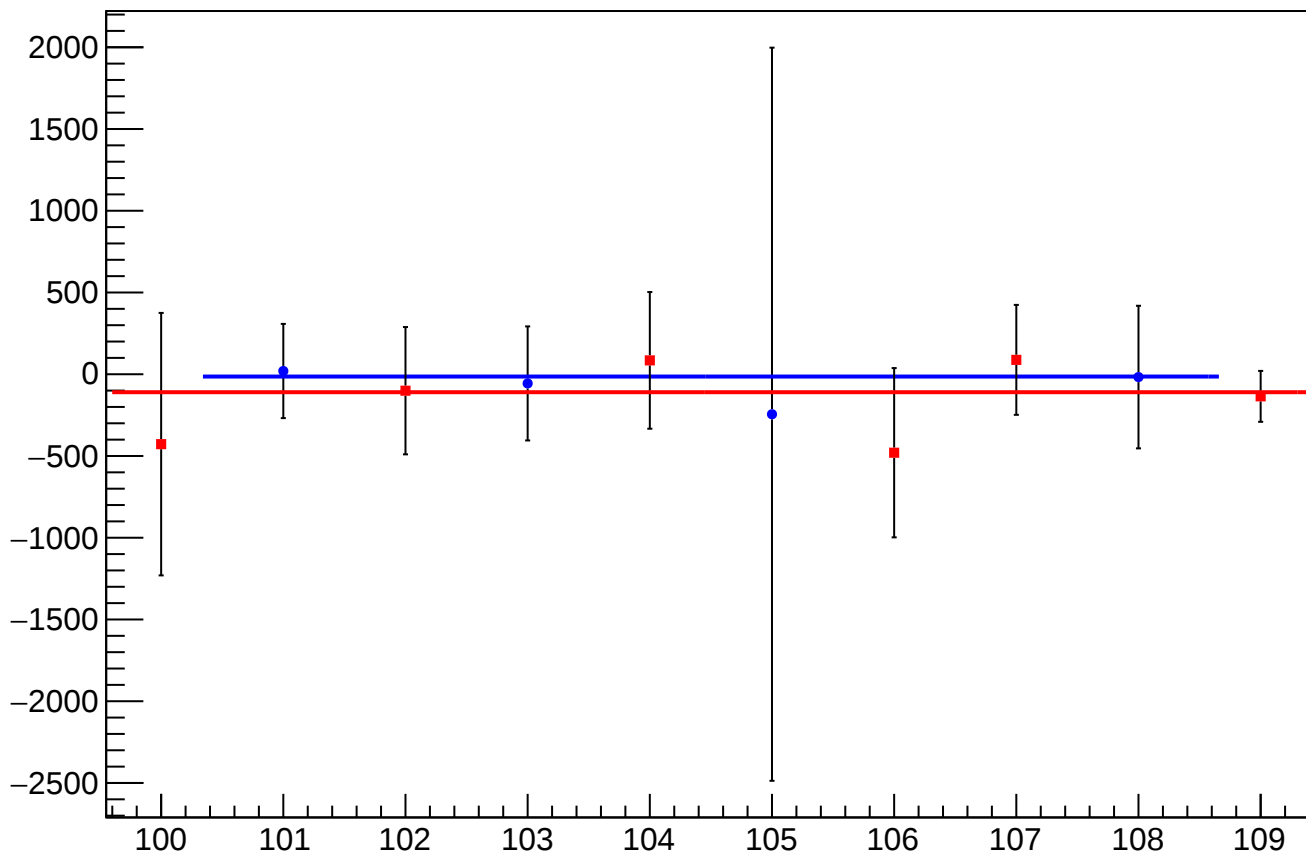
Right Out: 23.163+/-0.011 χ^2 /NDF: 5583.7/5

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

23.724+/-0.014 χ^2 /NDF: 1422.2/3

23.163+/-0.011 χ^2 /NDF: 5583.7/5

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: -14.107+/-197.176 χ^2/NDF : 0.0/3

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

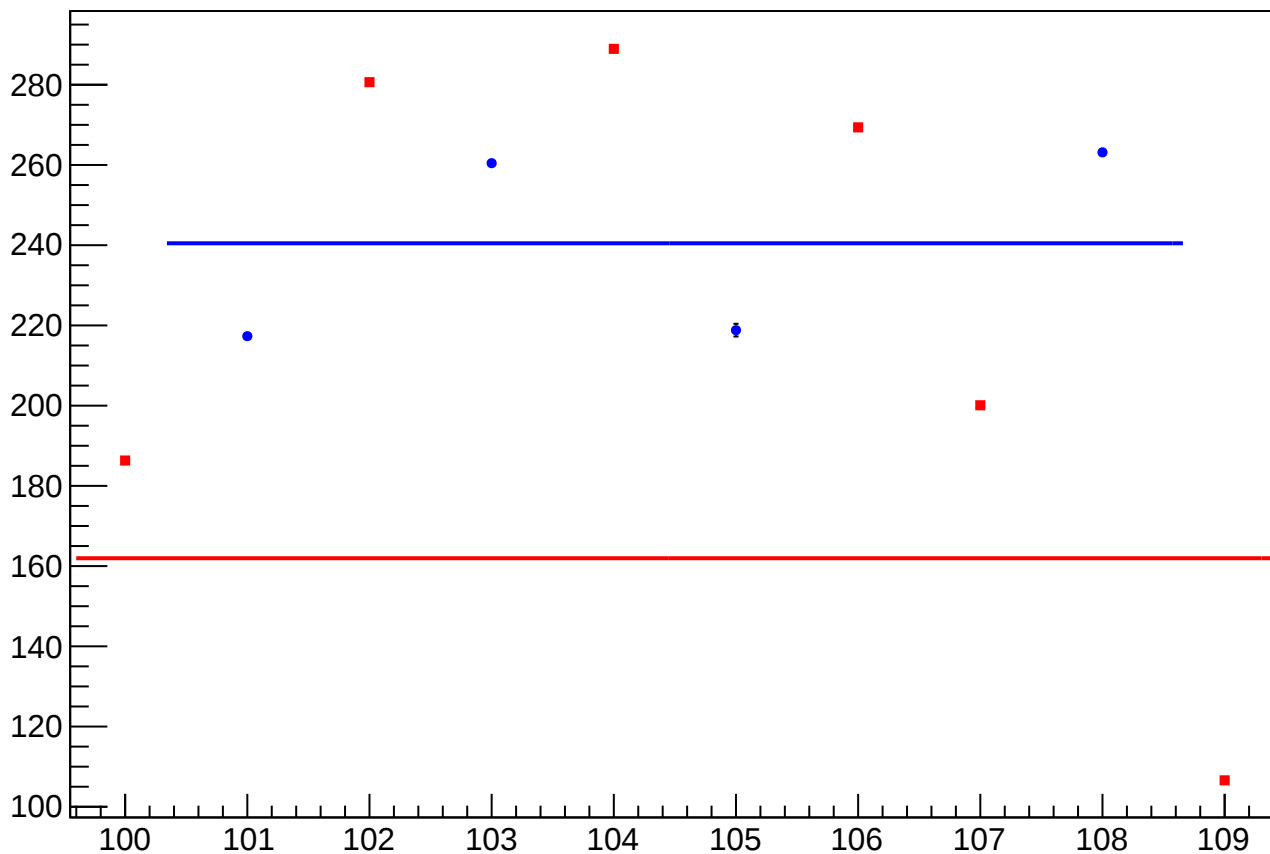
Right Out: -109.826+/-121.522 χ^2/NDF : 1.3/5

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

-14.107+/-197.176 χ^2/NDF : 0.0/3

-109.826+/-121.522 χ^2/NDF : 1.3/5

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 240.479+/-0.139 χ^2/NDF : 25067.5/3

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

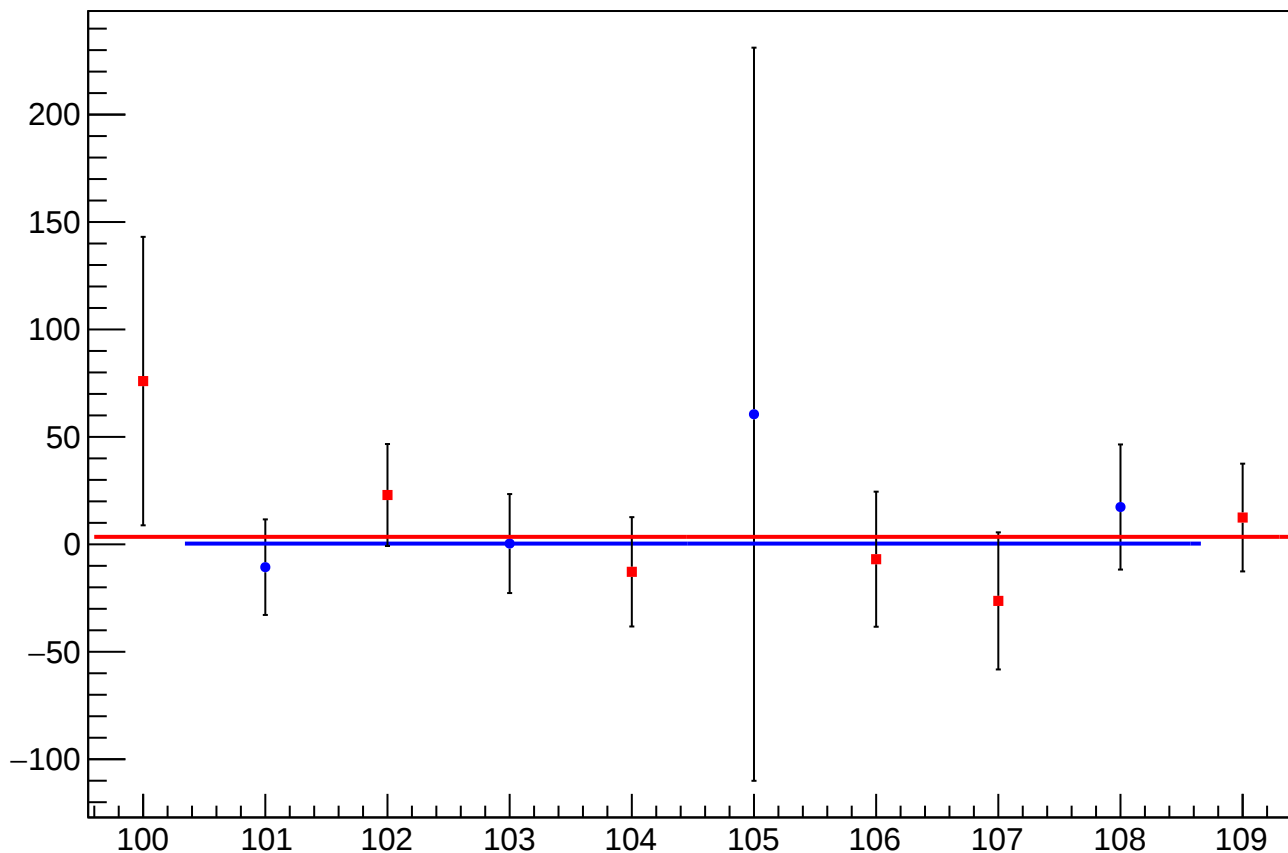
240.479+/-0.139 χ^2/NDF : 25067.5/3

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

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

161.964+/-0.086 χ^2/NDF : 737151.1/5

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: 0.350+/-13.974 χ^2/NDF : 0.7/3

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

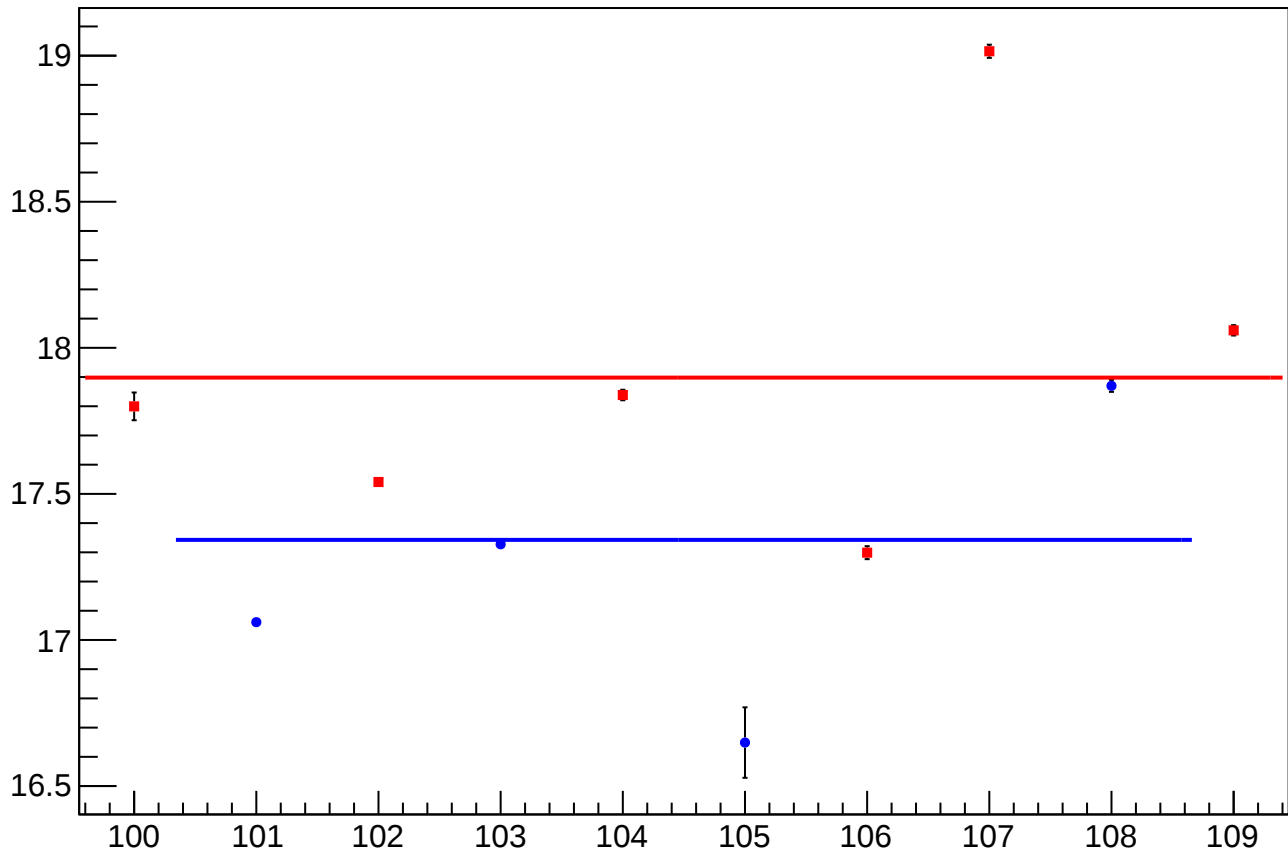
Right Out: 3.488+/-11.844 χ^2/NDF : 3.4/5

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

0.350+/-13.974 χ^2/NDF : 0.7/3

3.488+/-11.844 χ^2/NDF : 3.4/5

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 17.343+/-0.010 χ^2/NDF : 1010.7/3

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

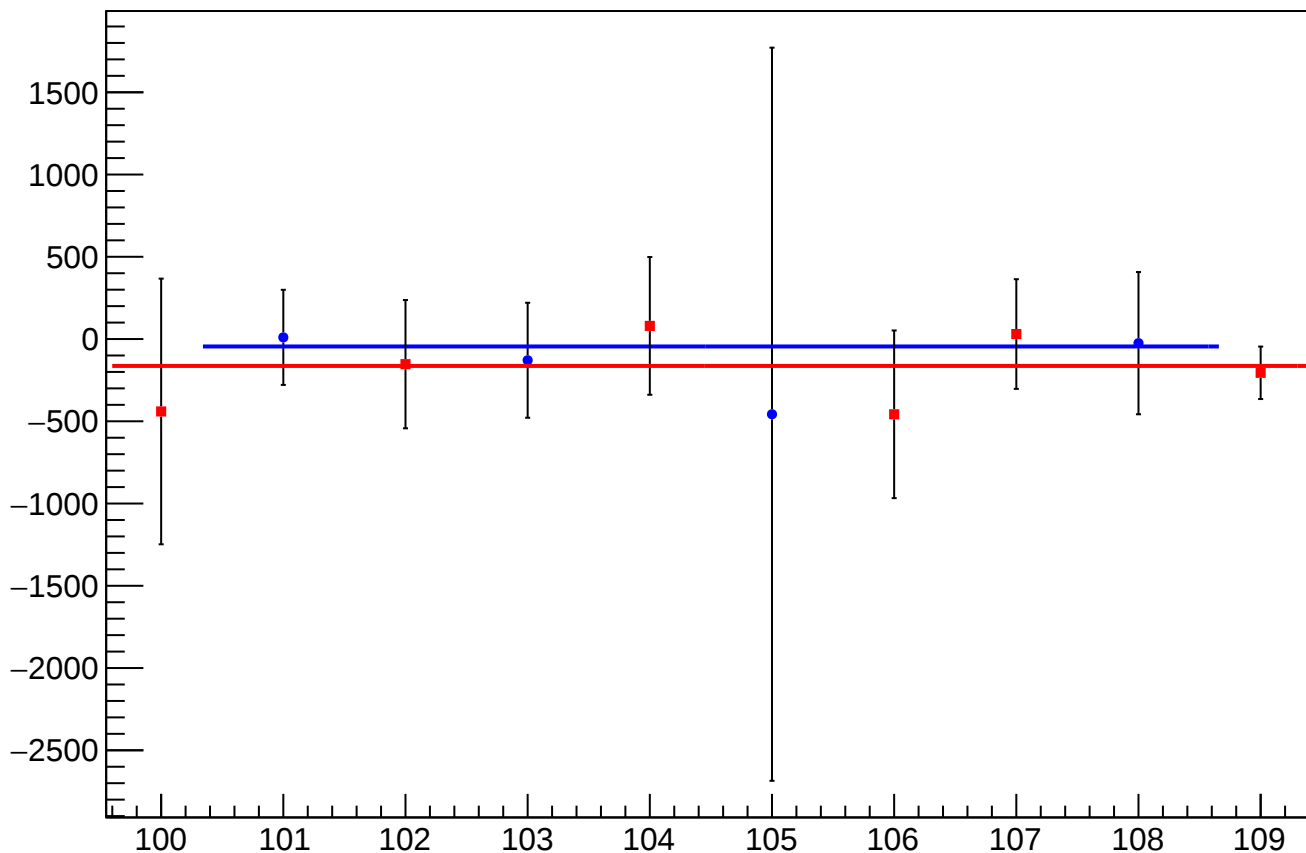
Right Out: 17.898+/-0.008 χ^2/NDF : 3731.1/5

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

17.343+/-0.010 χ^2/NDF : 1010.7/3

17.898+/-0.008 χ^2/NDF : 3731.1/5

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: -45.168+/-197.241 χ^2/NDF : 0.1/3

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

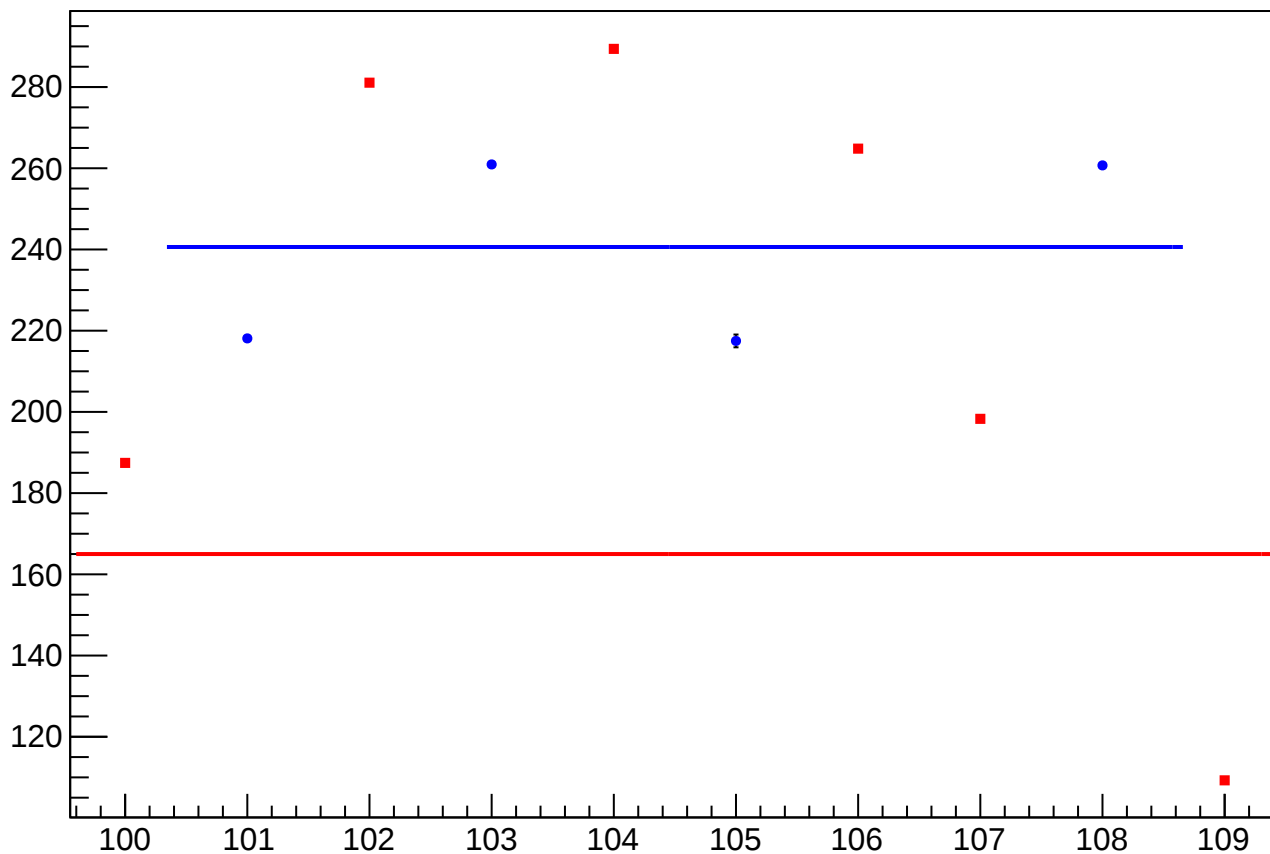
Right Out: -163.453+/-123.091 χ^2/NDF : 1.2/5

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

-45.168+/-197.241 χ^2/NDF : 0.1/3

-163.453+/-123.091 χ^2/NDF : 1.2/5

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 240.609 $\pm$ 0.139 χ^2 /NDF: 23428.7/3

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

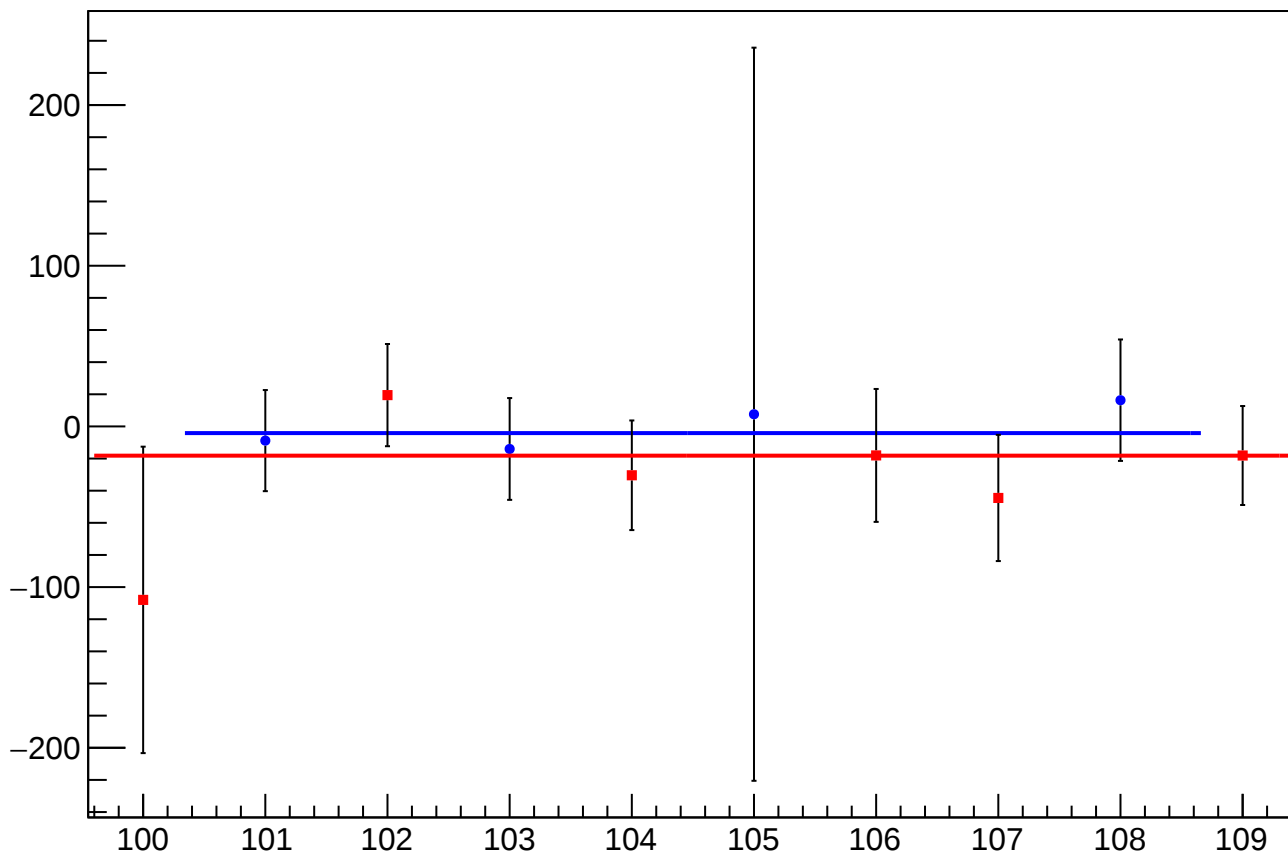
240.609 $\pm$ 0.139 χ^2 /NDF: 23428.7/3

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

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

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

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -4.154+/-19.152 χ^2/NDF : 0.4/3

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

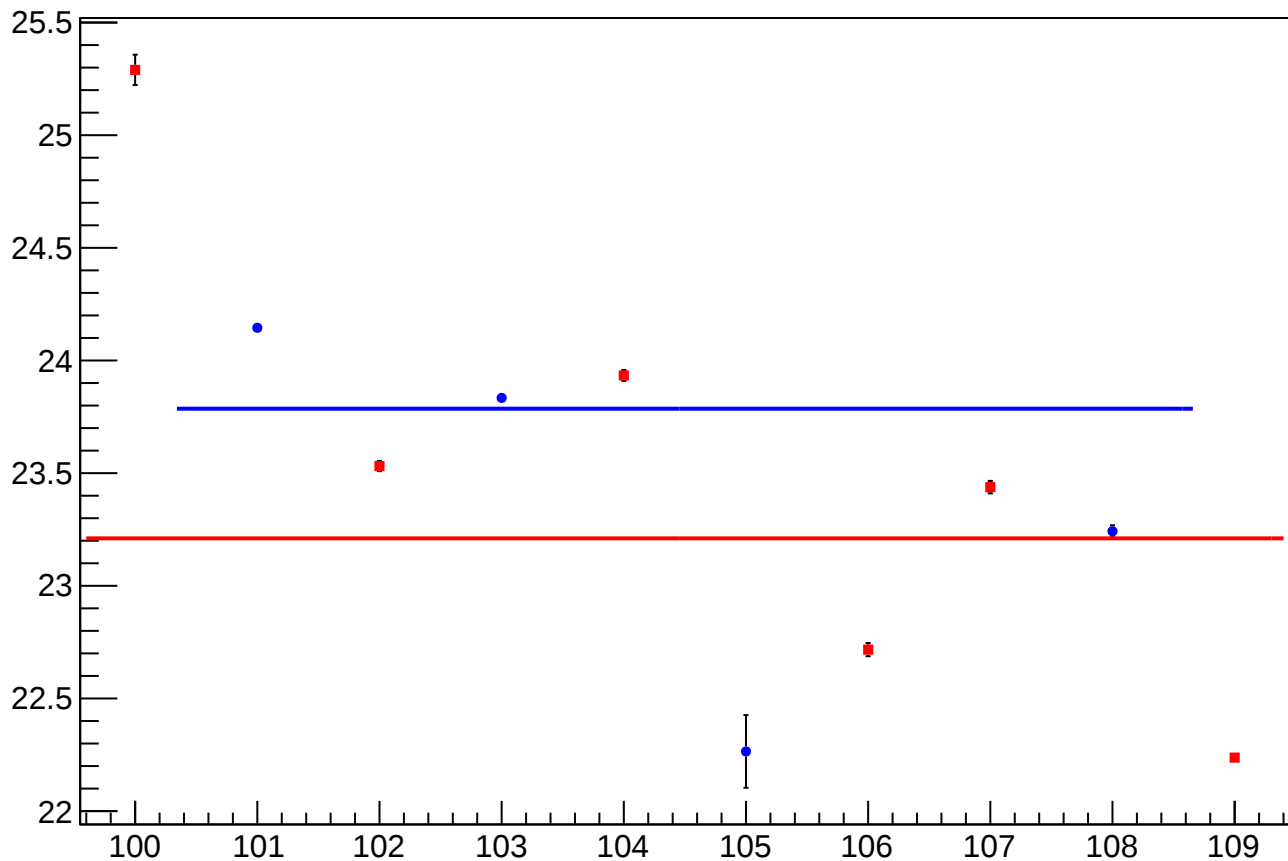
Right Out: -18.199+/-15.348 χ^2/NDF : 2.9/5

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

-4.154+/-19.152 χ^2/NDF : 0.4/3

-18.199+/-15.348 χ^2/NDF : 2.9/5

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 23.786+/-0.014 χ^2/NDF : 768.7/3

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

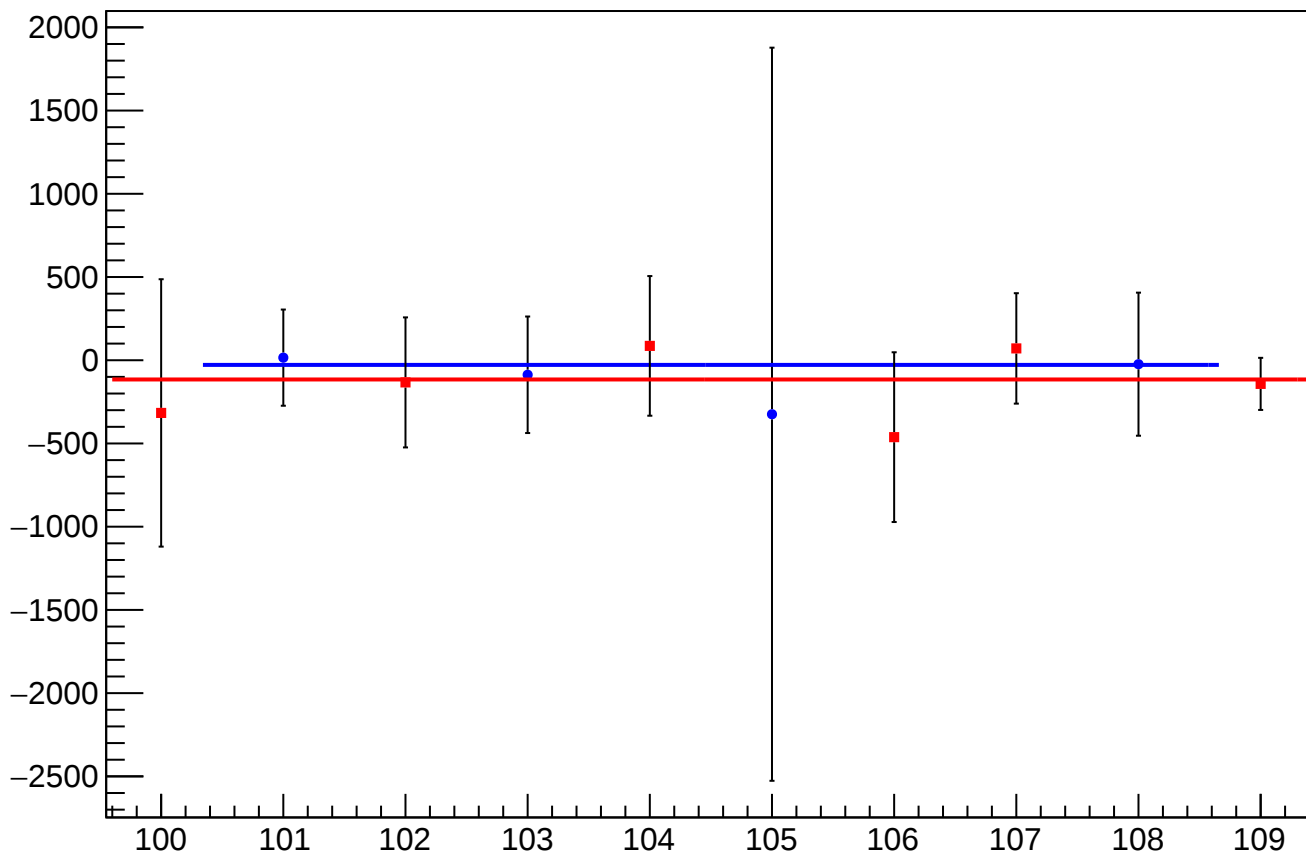
Right Out: 23.211+/-0.011 χ^2/NDF : 4403.0/5

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

23.786+/-0.014 χ^2/NDF : 768.7/3

23.211+/-0.011 χ^2/NDF : 4403.0/5

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: -27.998 $\pm$ 197.029 χ^2 /NDF: 0.1/3

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

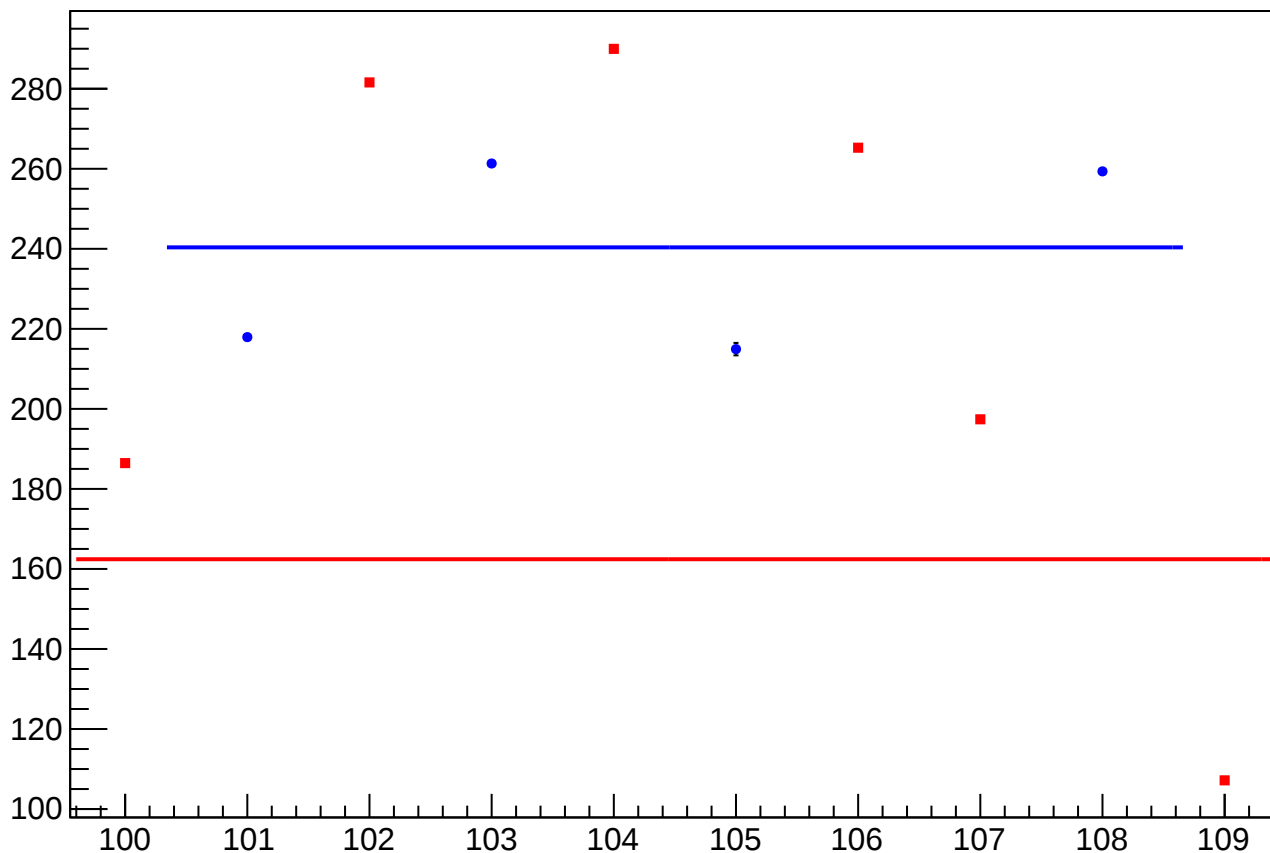
Right Out: -115.545 $\pm$ 121.672 χ^2 /NDF: 1.1/5

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

-27.998 $\pm$ 197.029 χ^2 /NDF: 0.1/3

-115.545 $\pm$ 121.672 χ^2 /NDF: 1.1/5

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 240.360 $\pm$ 0.139 χ^2 /NDF: 23393.4/3

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

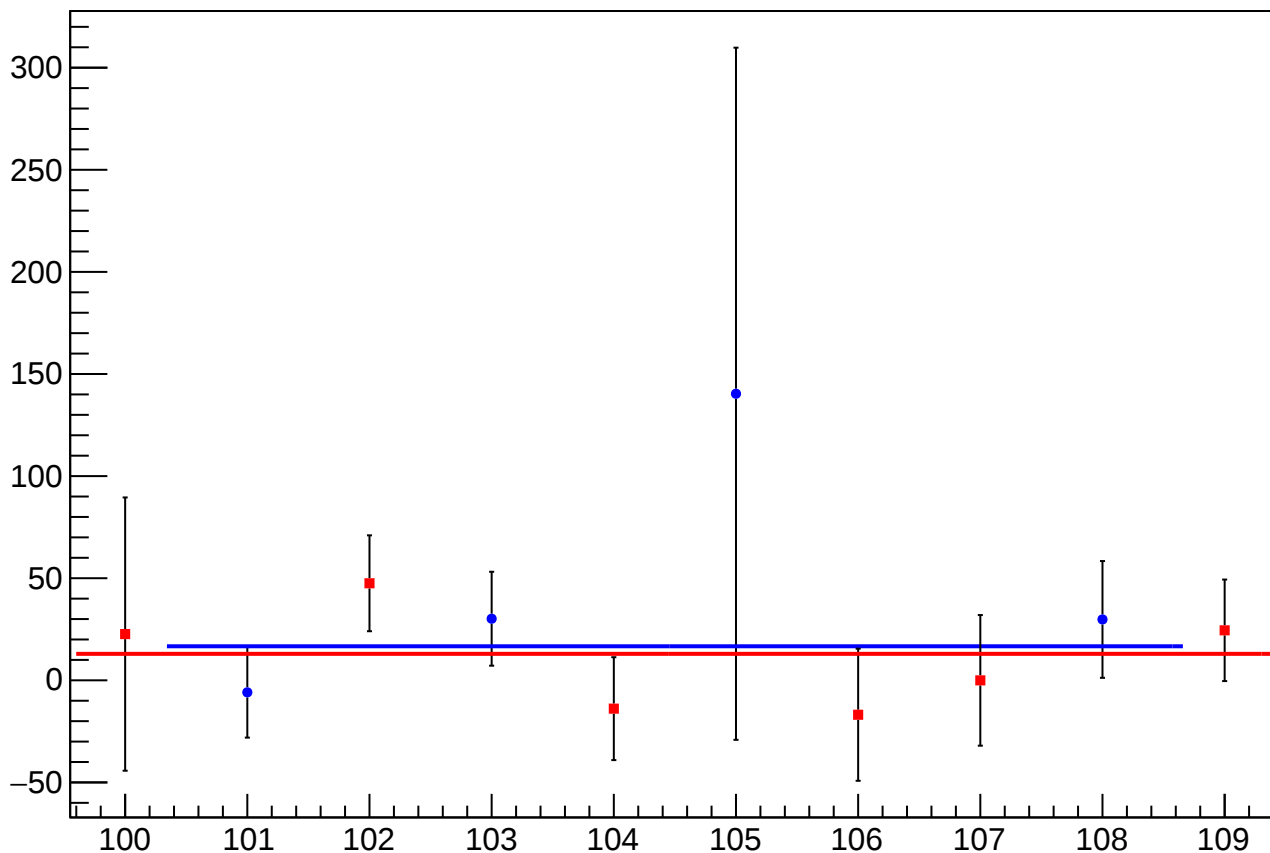
240.360 $\pm$ 0.139 χ^2 /NDF: 23393.4/3

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

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

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

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: 16.673+/-13.890 χ^2/NDF : 2.1/3

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

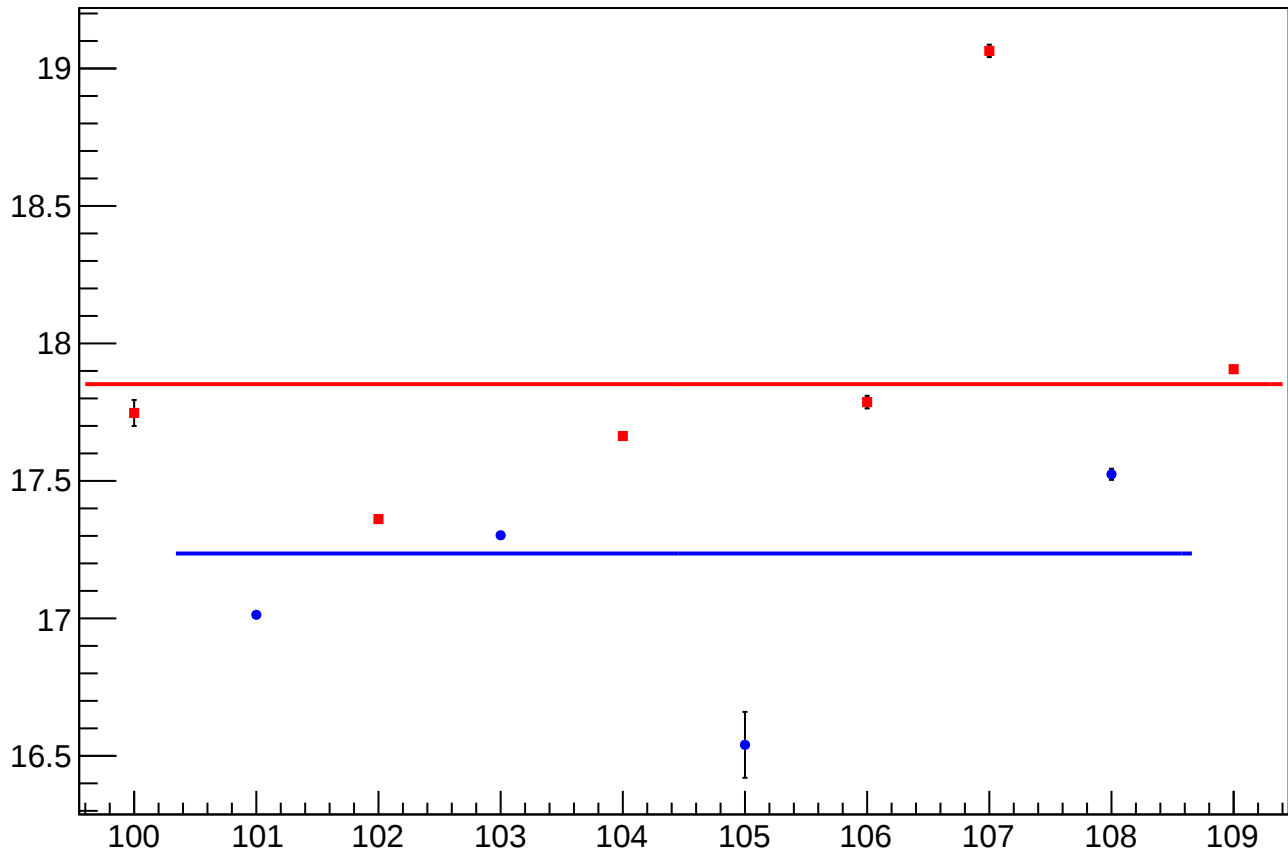
Right Out: 12.966+/-11.814 χ^2/NDF : 4.6/5

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

16.673+/-13.890 χ^2/NDF : 2.1/3

12.966+/-11.814 χ^2/NDF : 4.6/5

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 17.236+/-0.010 χ^2/NDF : 455.5/3

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

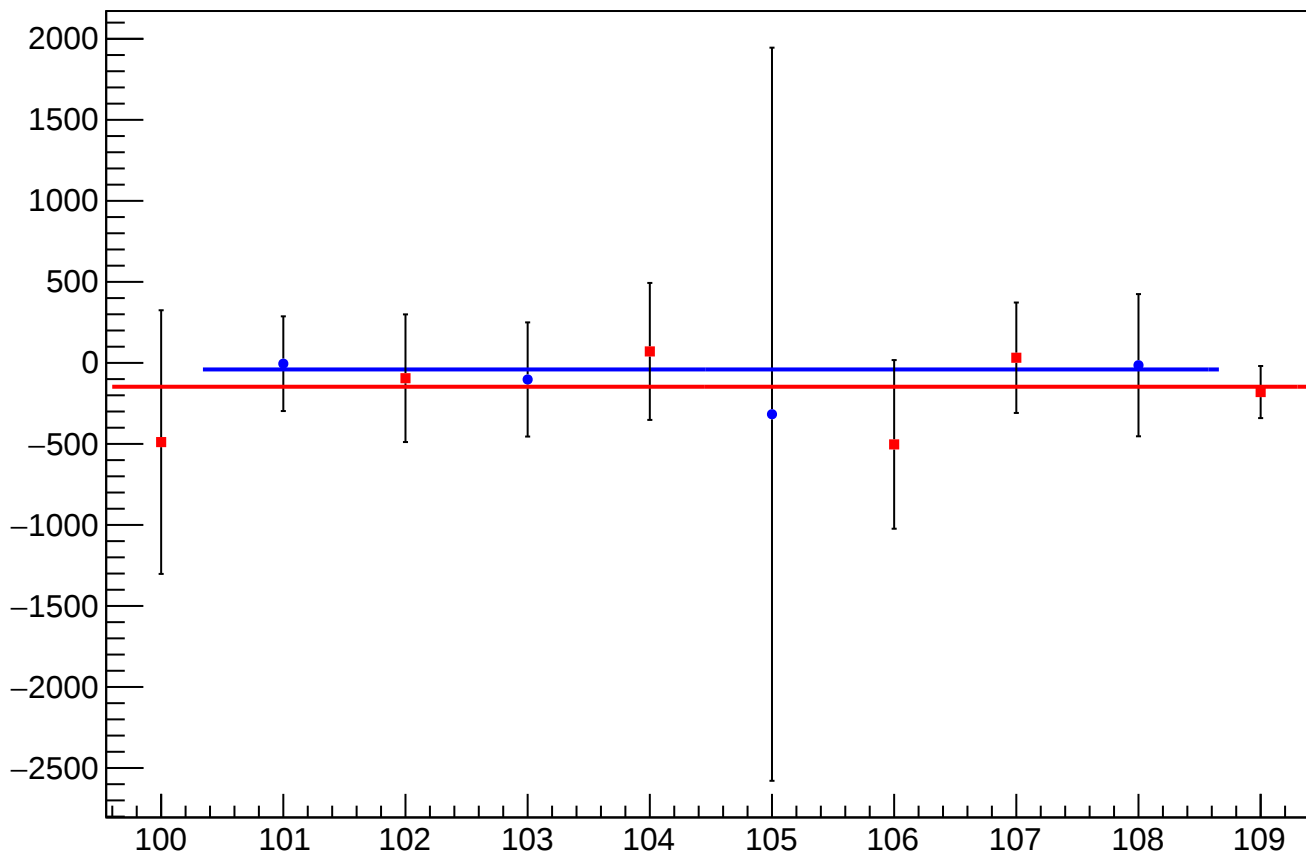
Right Out: 17.852+/-0.008 χ^2/NDF : 3880.0/5

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

17.236+/-0.010 χ^2/NDF : 455.5/3

17.852+/-0.008 χ^2/NDF : 3880.0/5

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: -40.433+/-199.390 χ^2/NDF : 0.1/3

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

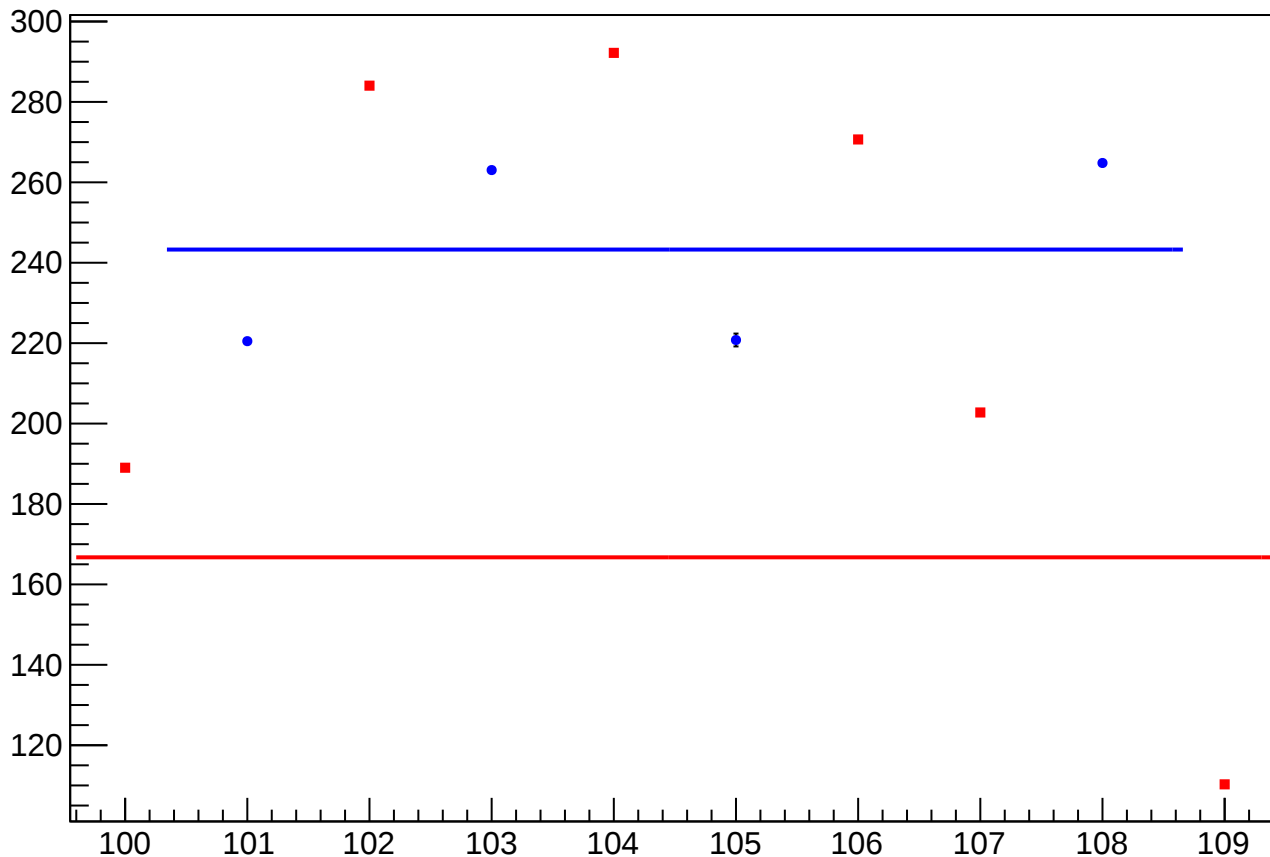
Right Out: -147.121+/-124.444 χ^2/NDF : 1.2/5

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

-40.433+/-199.390 χ^2/NDF : 0.1/3

-147.121+/-124.444 χ^2/NDF : 1.2/5

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 243.280 $\pm$ 0.141 χ^2 /NDF: 23465.0/3

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

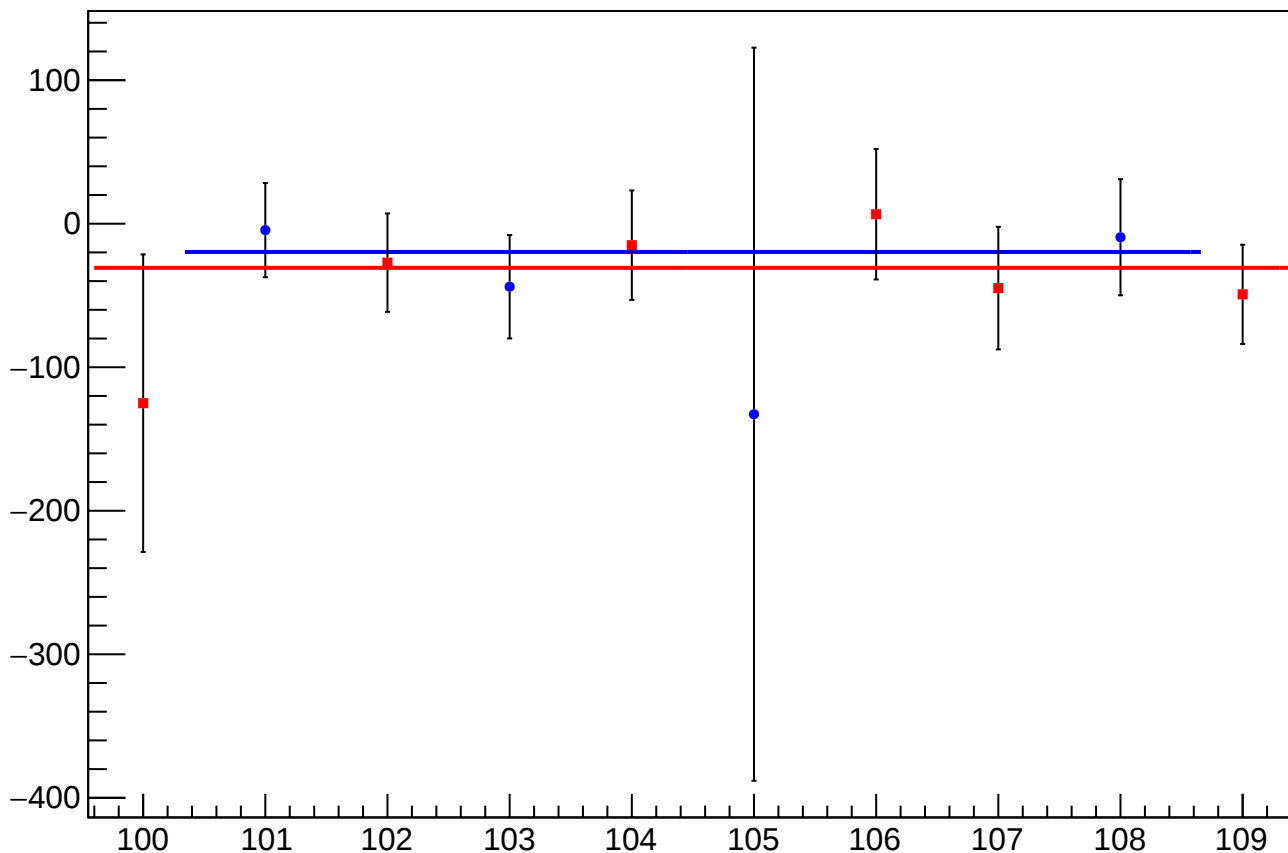
243.280 $\pm$ 0.141 χ^2 /NDF: 23465.0/3

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

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

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

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: -19.694 $\pm$ 20.735 χ^2 /NDF: 0.9/3

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

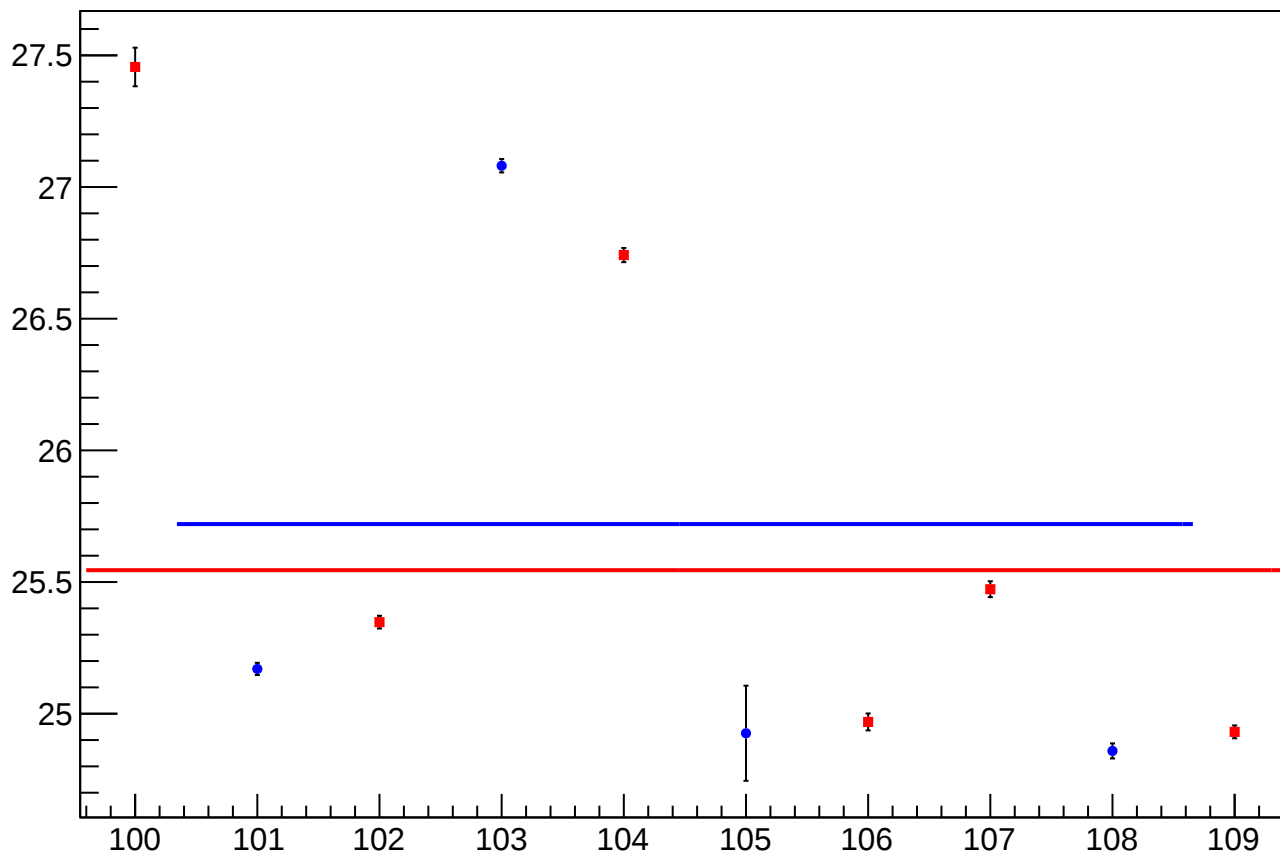
Right Out: -30.738 $\pm$ 16.904 χ^2 /NDF: 2.1/5

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

-19.694 $\pm$ 20.735 χ^2 /NDF: 0.9/3

-30.738 $\pm$ 16.904 χ^2 /NDF: 2.1/5

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 25.720+/-0.015 χ^2/NDF : 4343.1/3

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

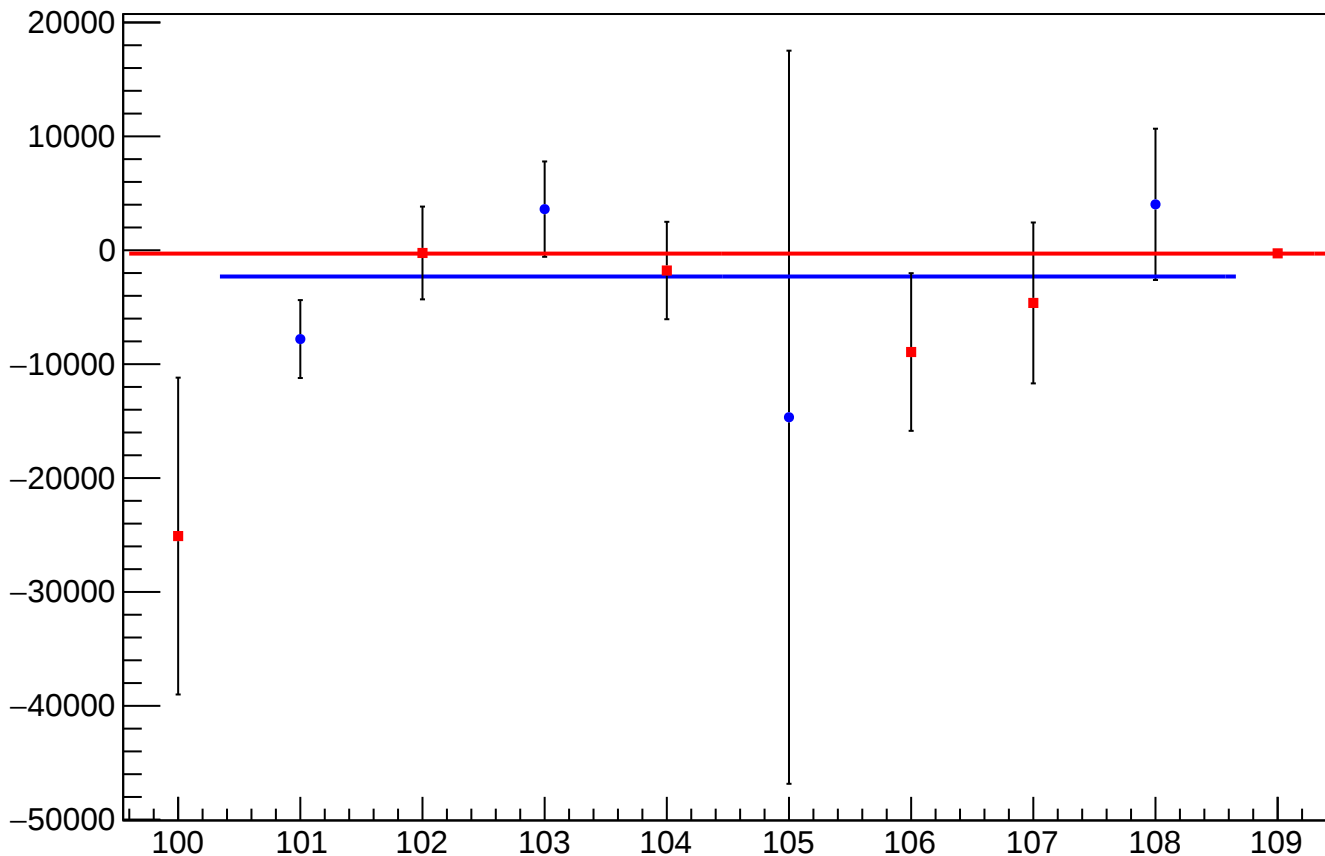
Right Out: 25.545+/-0.012 χ^2/NDF : 3671.0/5

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

25.720+/-0.015 χ^2/NDF : 4343.1/3

25.545+/-0.012 χ^2/NDF : 3671.0/5

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: -2304.243+/-2453.133 χ^2/NDF : 5.6/3

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

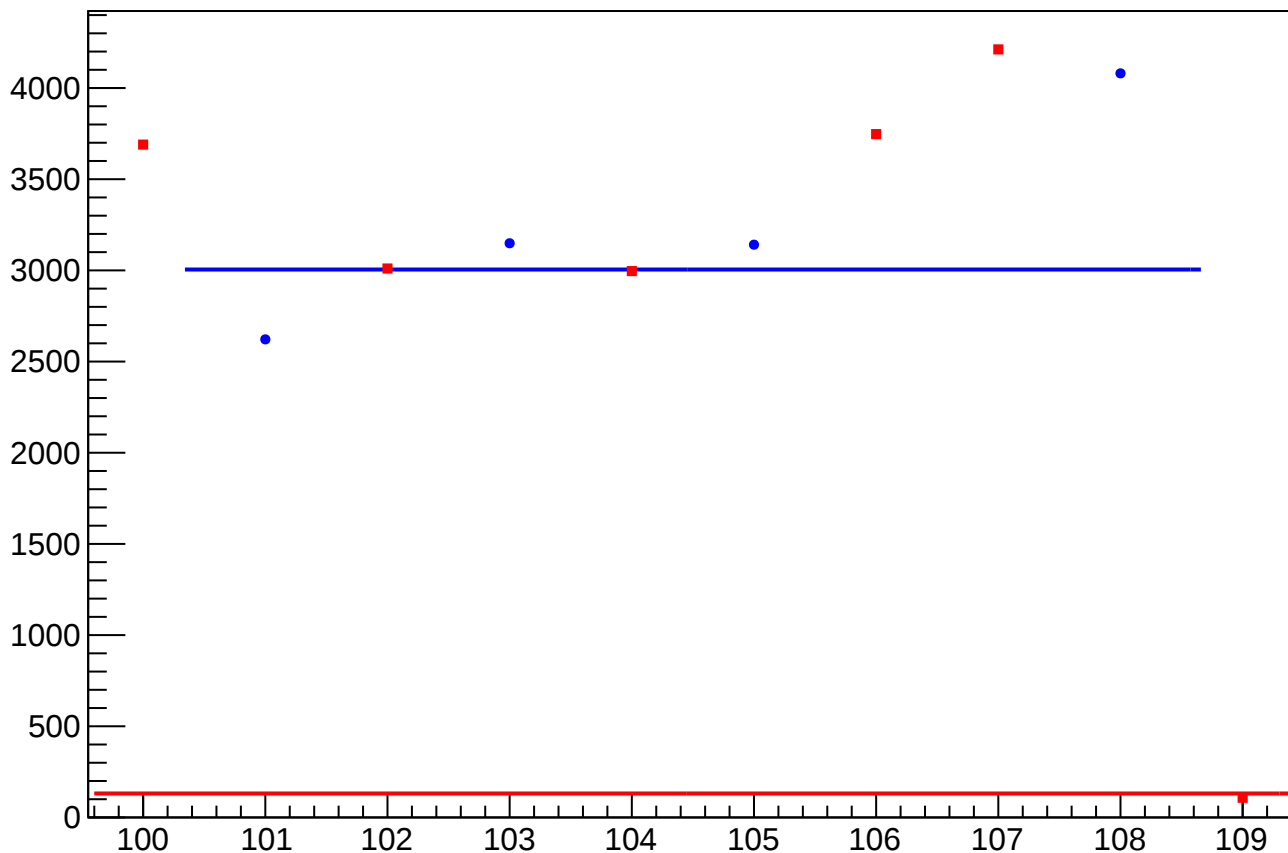
Right Out: -292.966+/-214.767 χ^2/NDF : 5.2/5

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

-2304.243+/-2453.133 χ^2/NDF : 5.6/3

-292.966+/-214.767 χ^2/NDF : 5.2/5

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 3004.793+/-1.735 χ^2/NDF : 79946.8/3

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

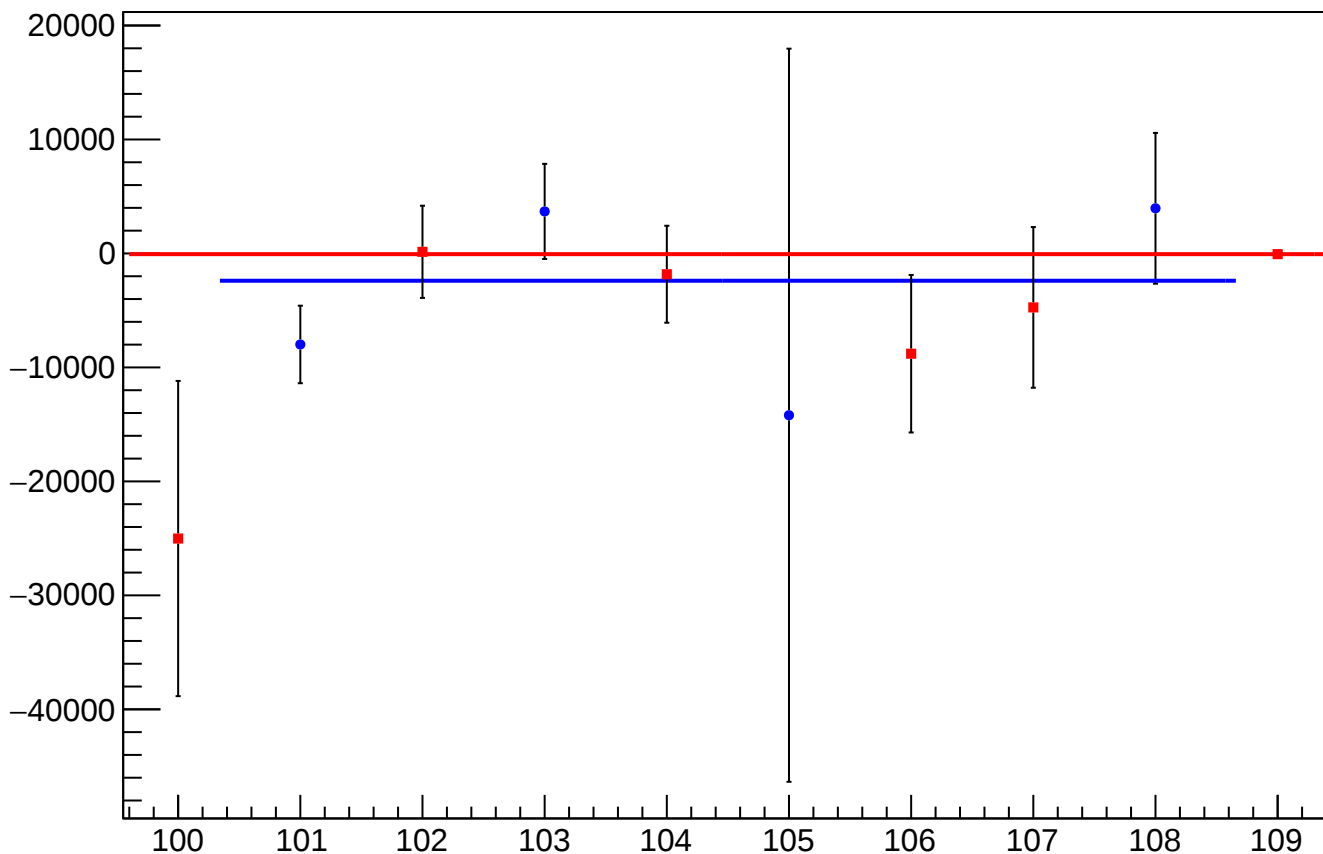
3004.793+/-1.735 χ^2/NDF : 79946.8/3

Right Out: 131.541+/-0.152 χ^2/NDF : 3264854.3/5

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

131.541+/-0.152 χ^2/NDF : 3264854.3/5

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -2394.586+/-2441.835 χ^2/NDF : 5.9/3

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

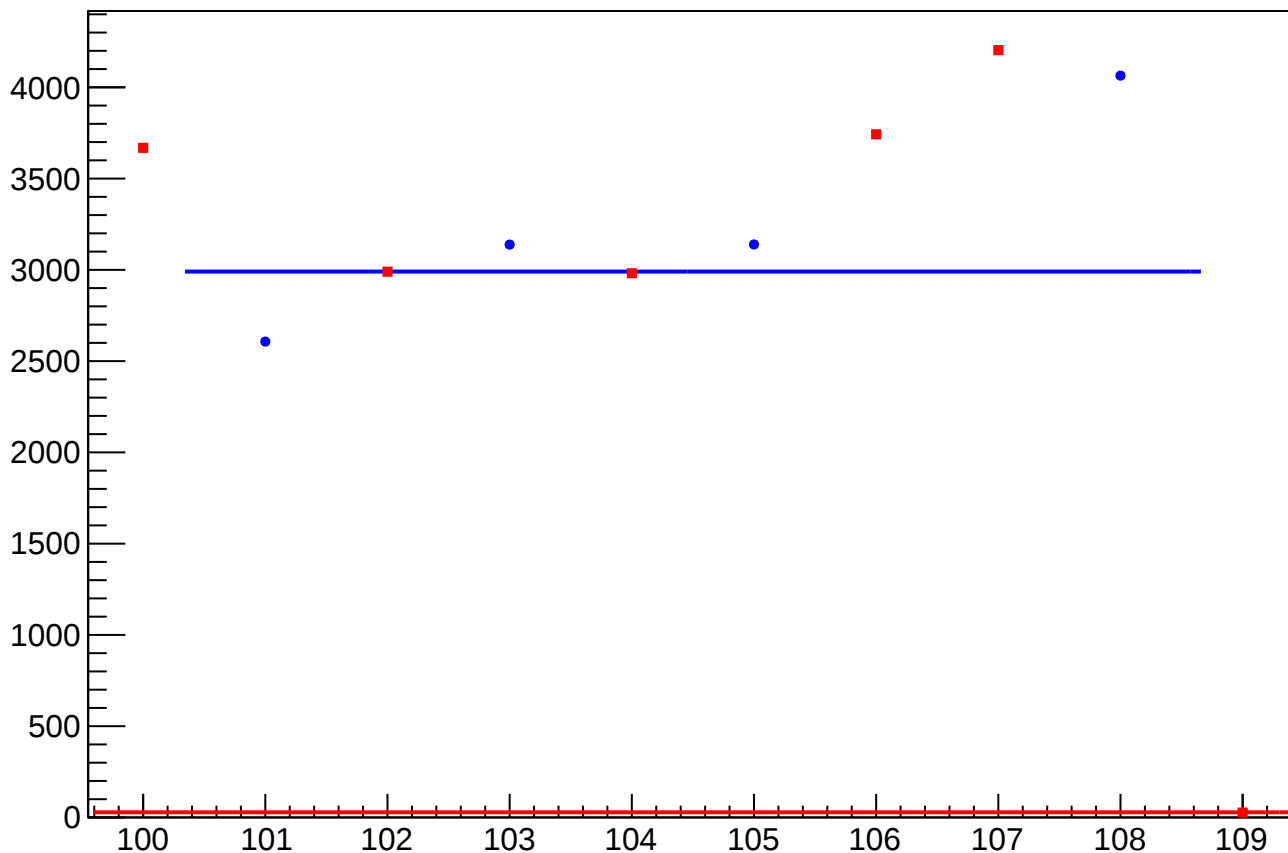
Right Out: -61.801+/-52.104 χ^2/NDF : 5.5/5

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

-2394.586+/-2441.835 χ^2/NDF : 5.9/3

-61.801+/-52.104 χ^2/NDF : 5.5/5

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 2990.662 $\pm$ 1.727 χ^2 /NDF: 80680.6/3

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

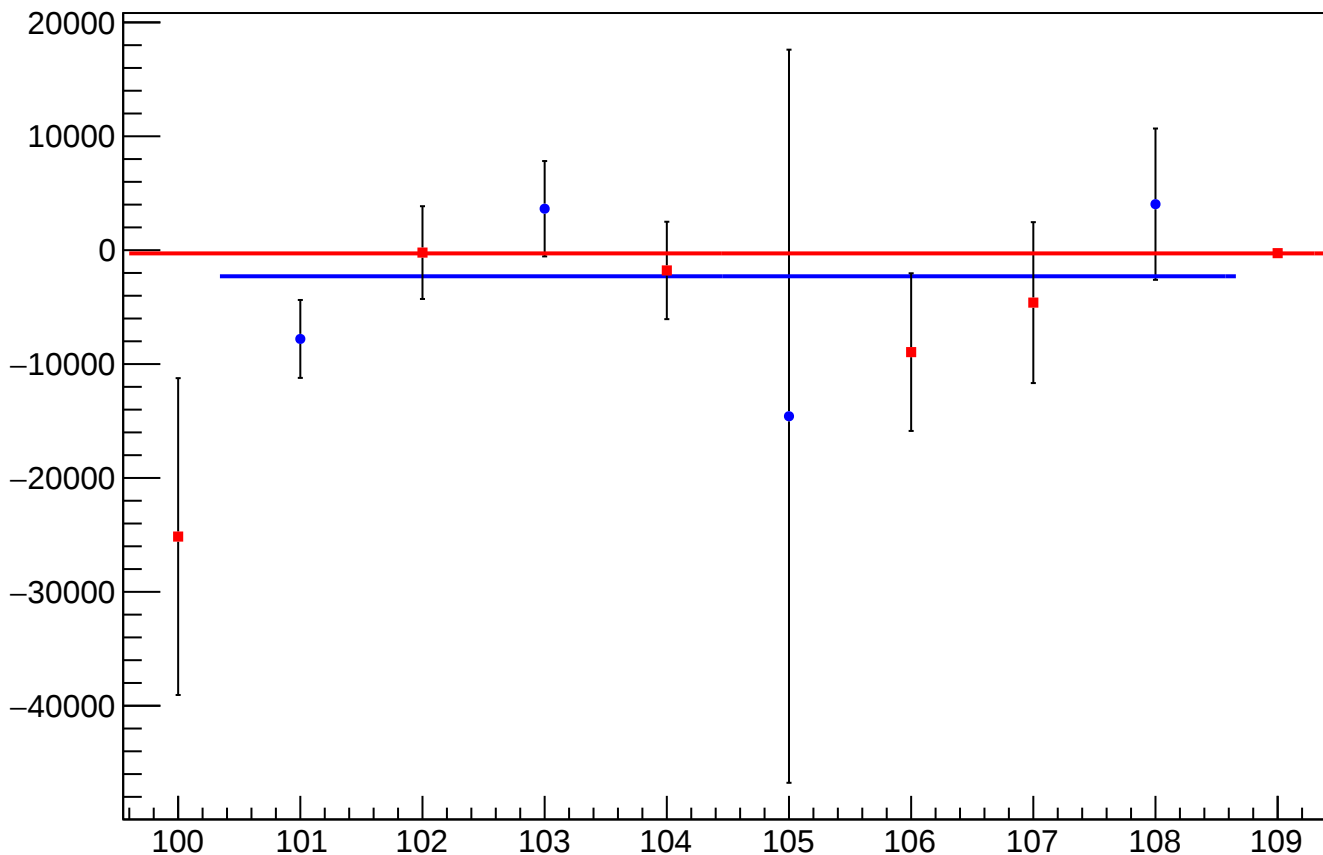
2990.662 $\pm$ 1.727 χ^2 /NDF: 80680.6/3

Right Out: 28.072 $\pm$ 0.037 χ^2 /NDF: 3455334.2/5

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

28.072 $\pm$ 0.037 χ^2 /NDF: 3455334.2/5

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: -2291.511+/-2453.199 χ^2 /NDF: 5.6/3

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

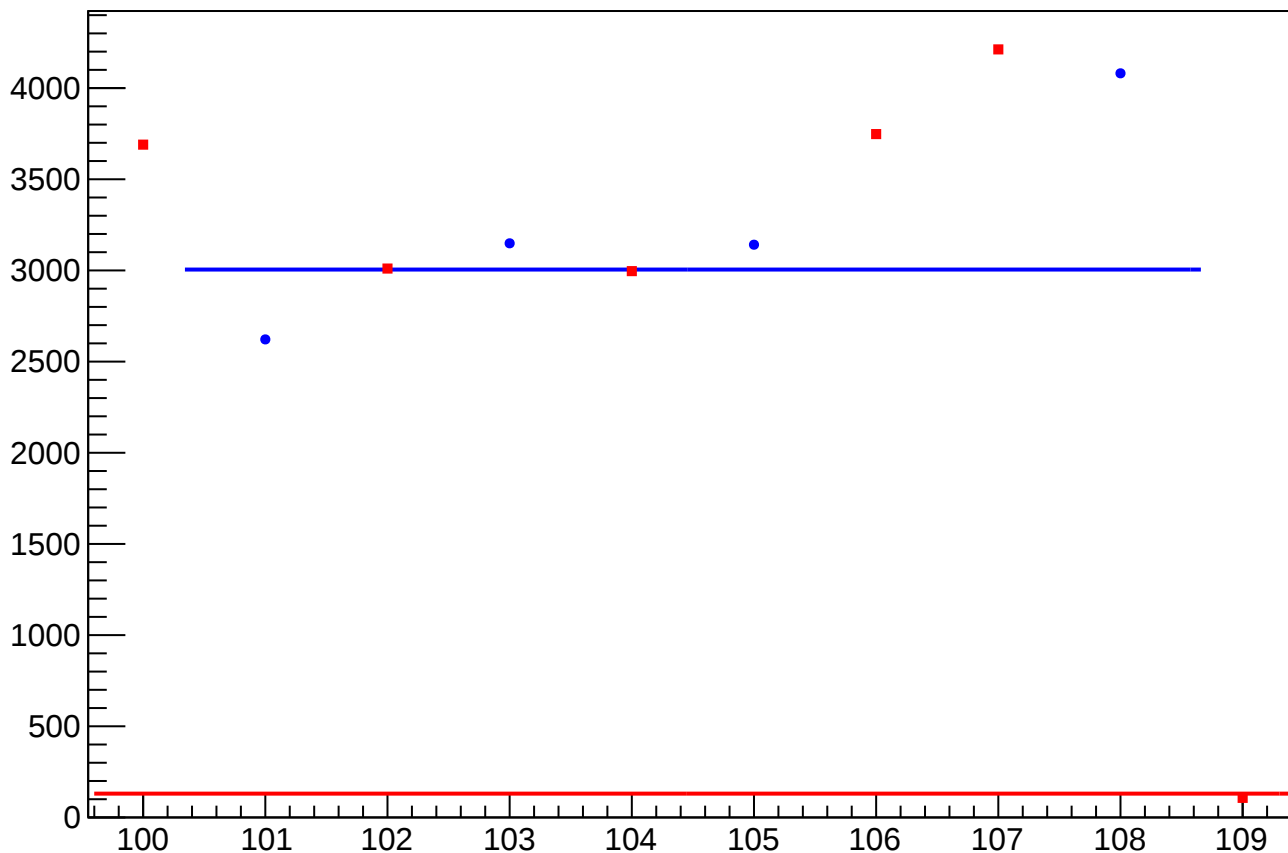
Right Out: -282.672+/-213.585 χ^2 /NDF: 5.3/5

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

-2291.511+/-2453.199 χ^2 /NDF: 5.6/3

-282.672+/-213.585 χ^2 /NDF: 5.3/5

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 3004.852 $\pm$ 1.735 χ^2 /NDF: 79988.8/3

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

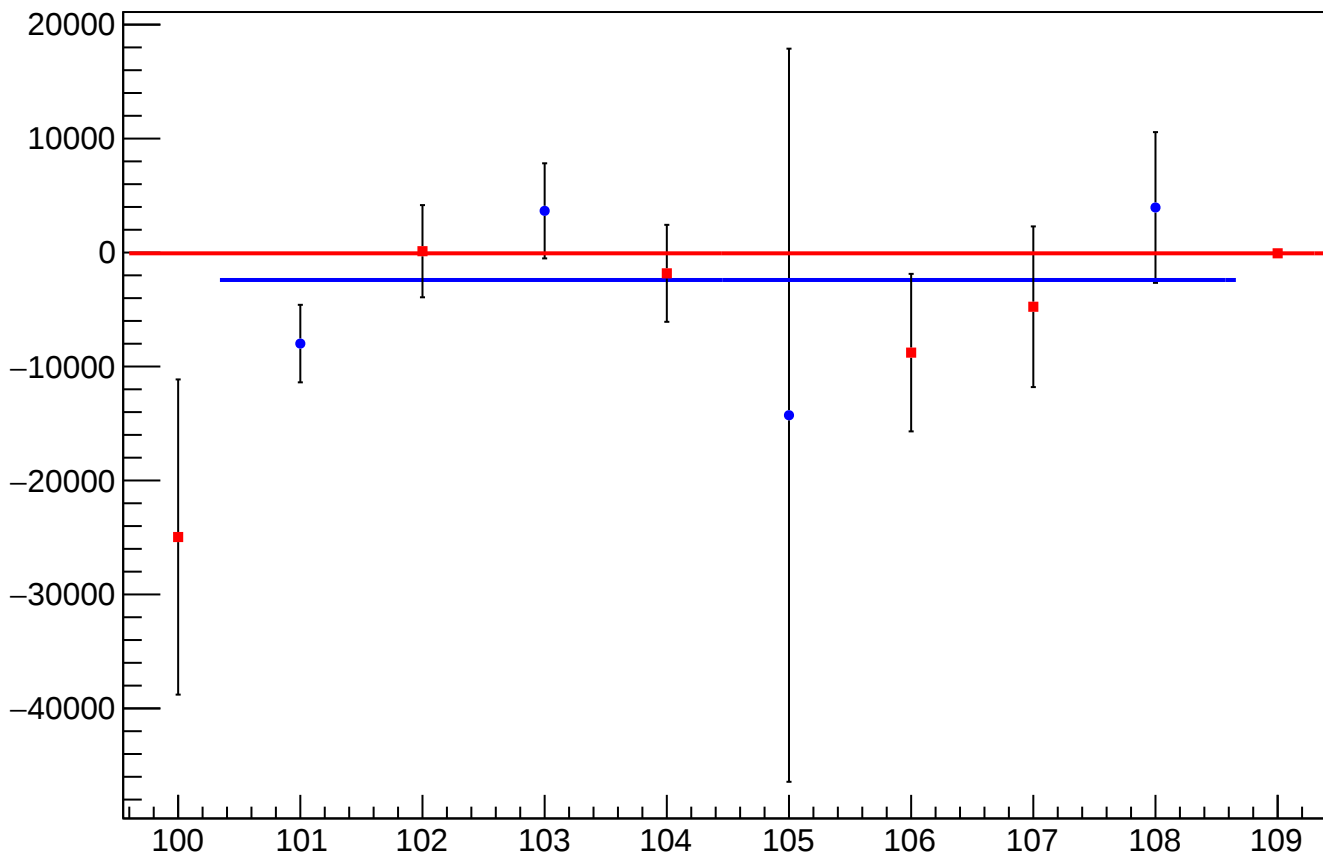
3004.852 $\pm$ 1.735 χ^2 /NDF: 79988.8/3

Right Out: 130.661 $\pm$ 0.151 χ^2 /NDF: 3266386.9/5

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

130.661 $\pm$ 0.151 χ^2 /NDF: 3266386.9/5

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -2407.579+/-2441.738 χ^2/NDF : 5.9/3

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

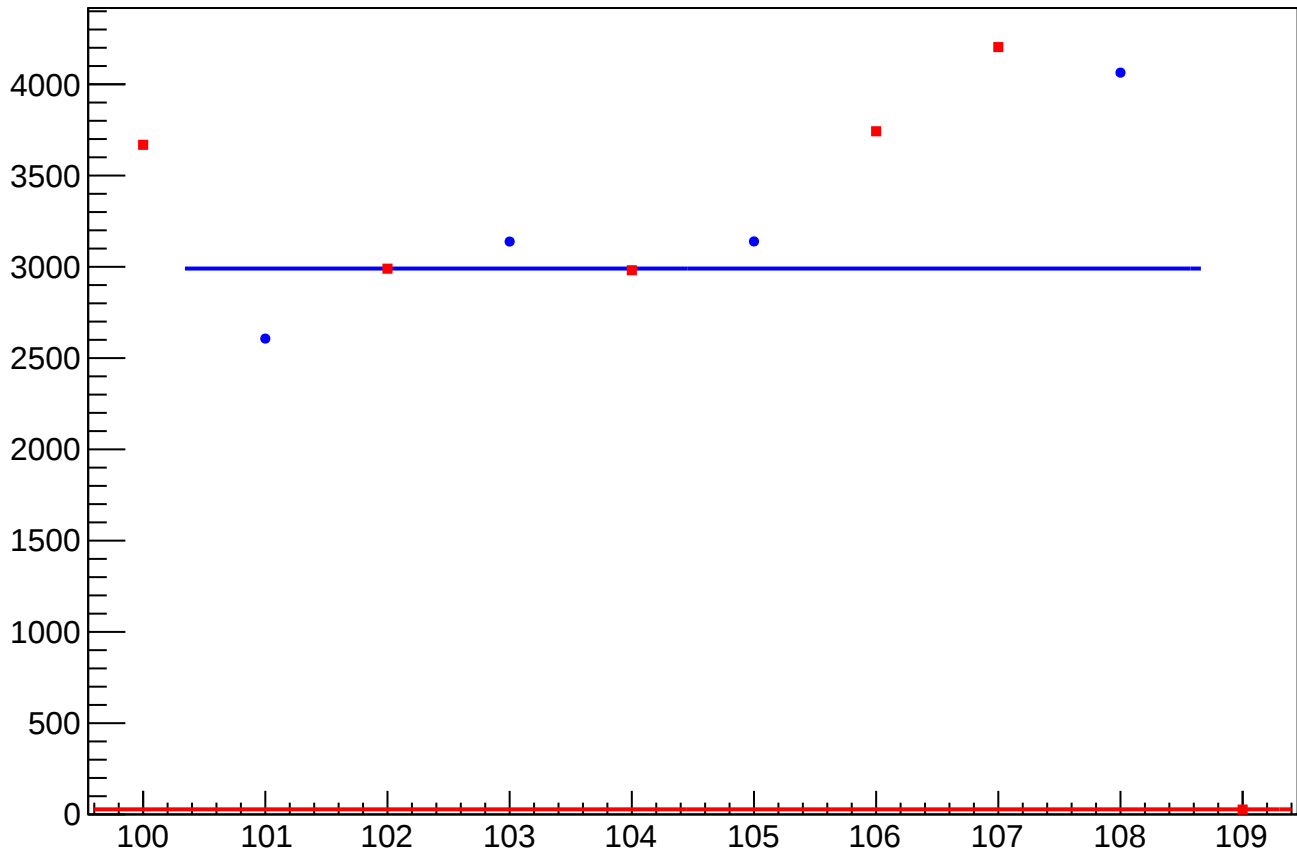
Right Out: -67.775+/-52.102 χ^2/NDF : 5.4/5

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

-2407.579+/-2441.738 χ^2/NDF : 5.9/3

-67.775+/-52.102 χ^2/NDF : 5.4/5

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 2990.547 $\pm$ 1.727 χ^2 /NDF: 80673.1/3

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

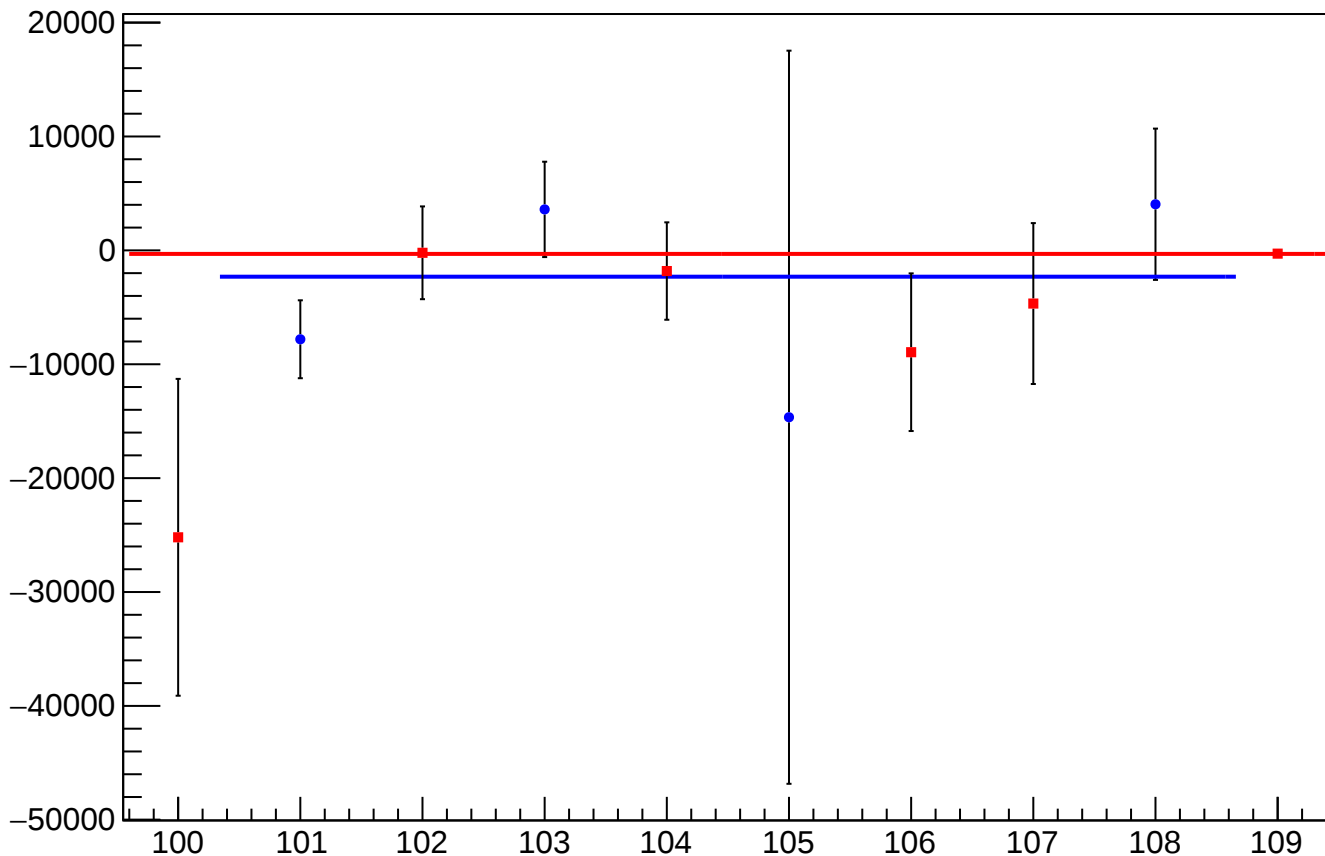
2990.547 $\pm$ 1.727 χ^2 /NDF: 80673.1/3

Right Out: 28.068 $\pm$ 0.037 χ^2 /NDF: 3455342.1/5

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

28.068 $\pm$ 0.037 χ^2 /NDF: 3455342.1/5

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: -2311.640+/-2453.386 χ^2/NDF : 5.6/3

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

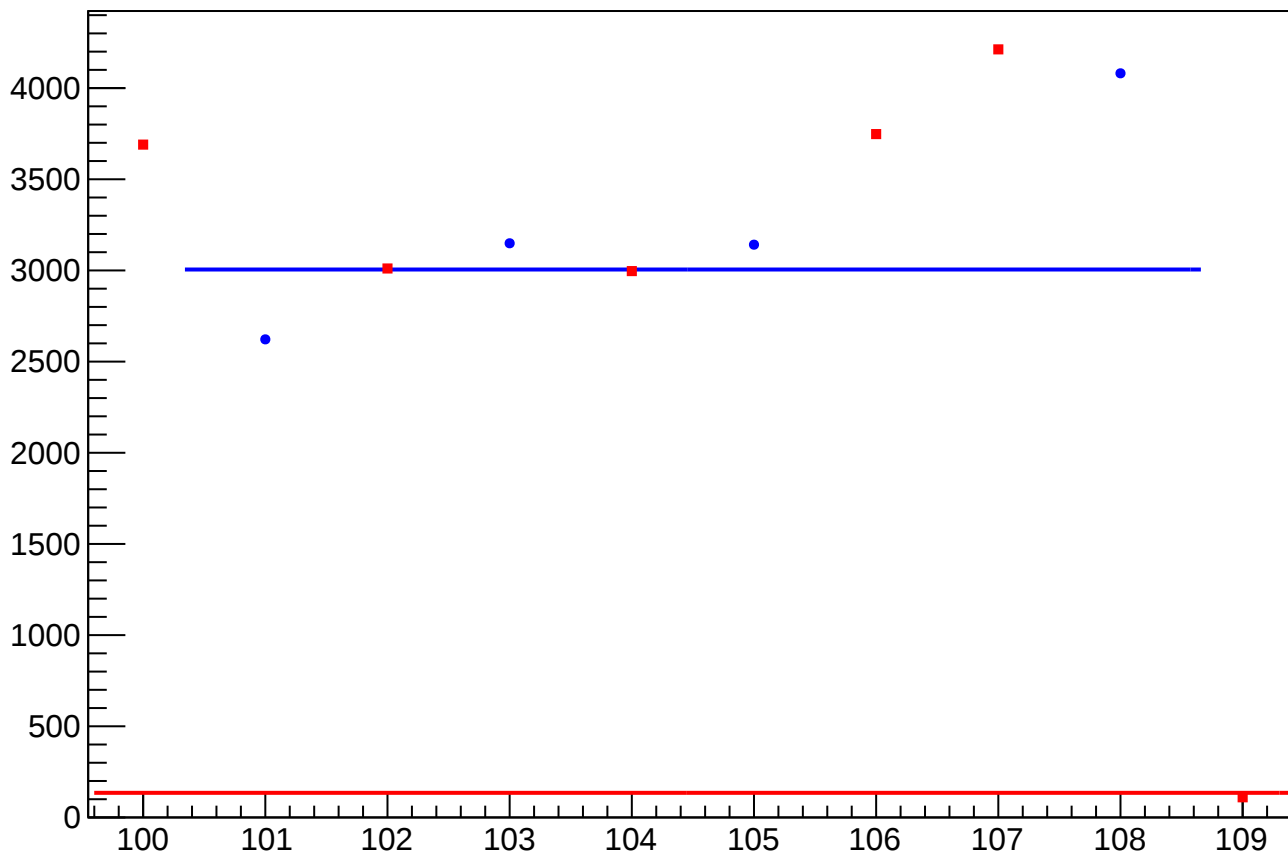
-2311.640+/-2453.386 χ^2/NDF : 5.6/3

Right Out: -310.787+/-219.315 χ^2/NDF : 5.3/5

-310.787+/-219.315 χ^2/NDF : 5.3/5

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

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 3005.095+/-1.735 χ^2/NDF : 79961.9/3

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

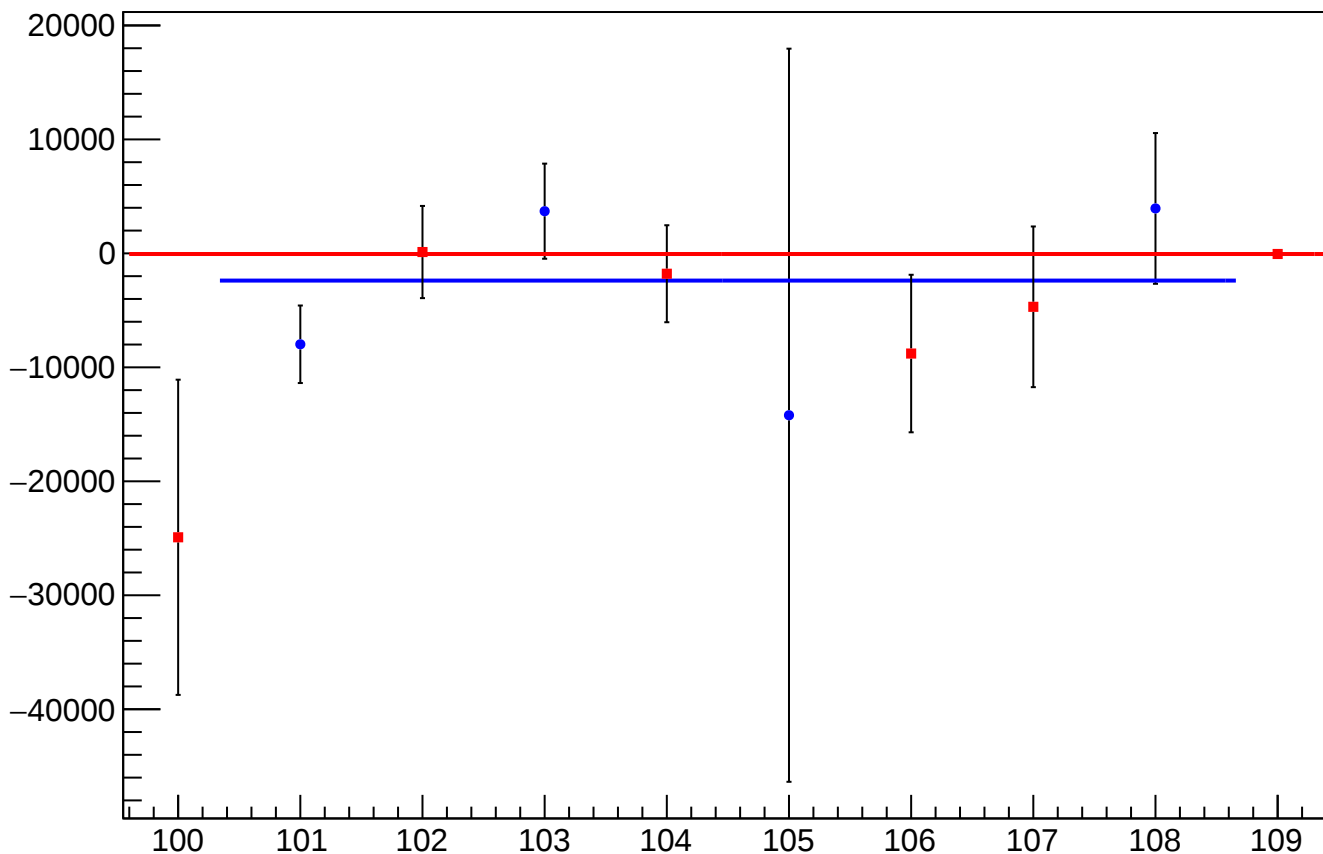
3005.095+/-1.735 χ^2/NDF : 79961.9/3

Right Out: 135.053+/-0.155 χ^2/NDF : 3258738.4/5

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

135.053+/-0.155 χ^2/NDF : 3258738.4/5

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -2387.402+/-2441.823 χ^2/NDF : 5.9/3

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

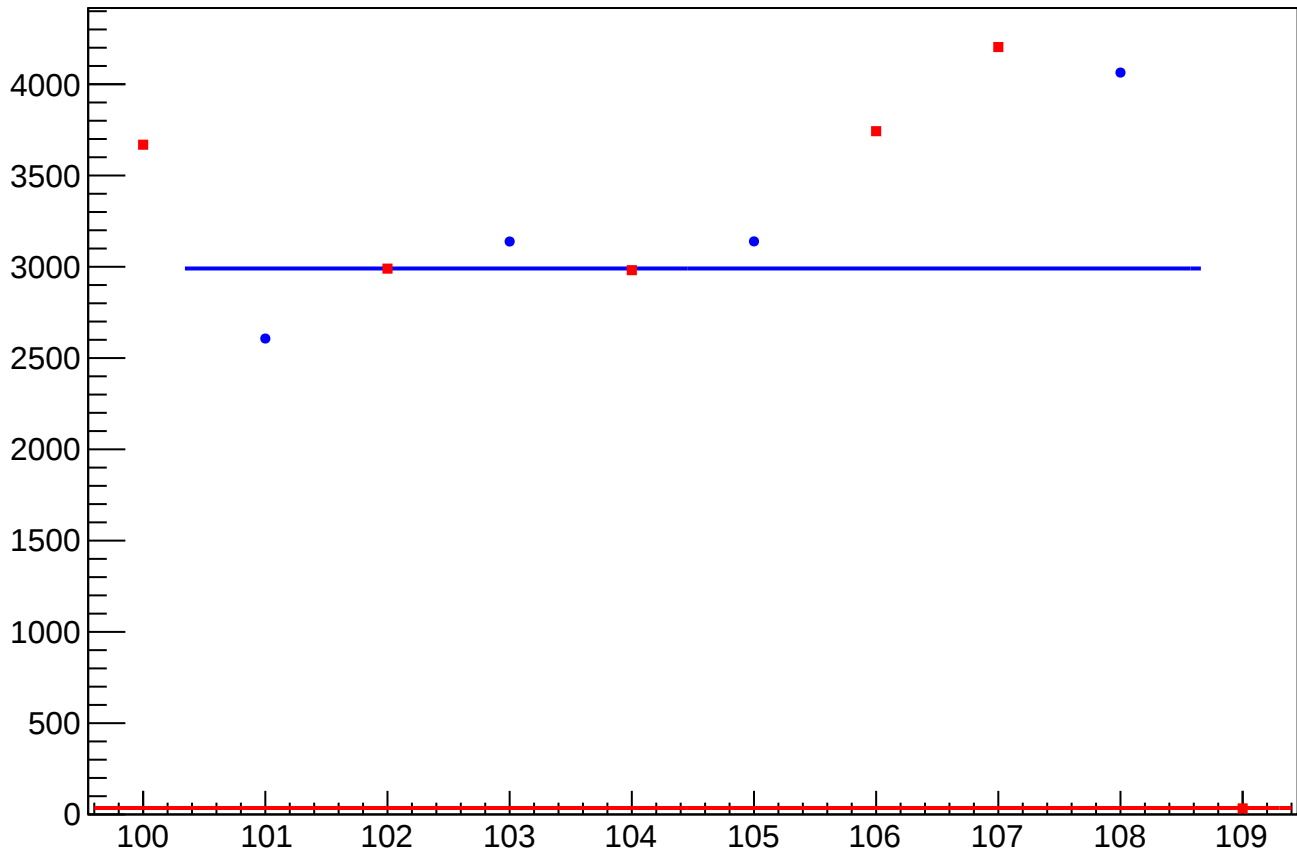
Right Out: -55.690+/-64.776 χ^2/NDF : 5.4/5

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

-2387.402+/-2441.823 χ^2/NDF : 5.9/3

-55.690+/-64.776 χ^2/NDF : 5.4/5

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 2990.656 $\pm$ 1.727 χ^2 /NDF: 80663.4/3

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

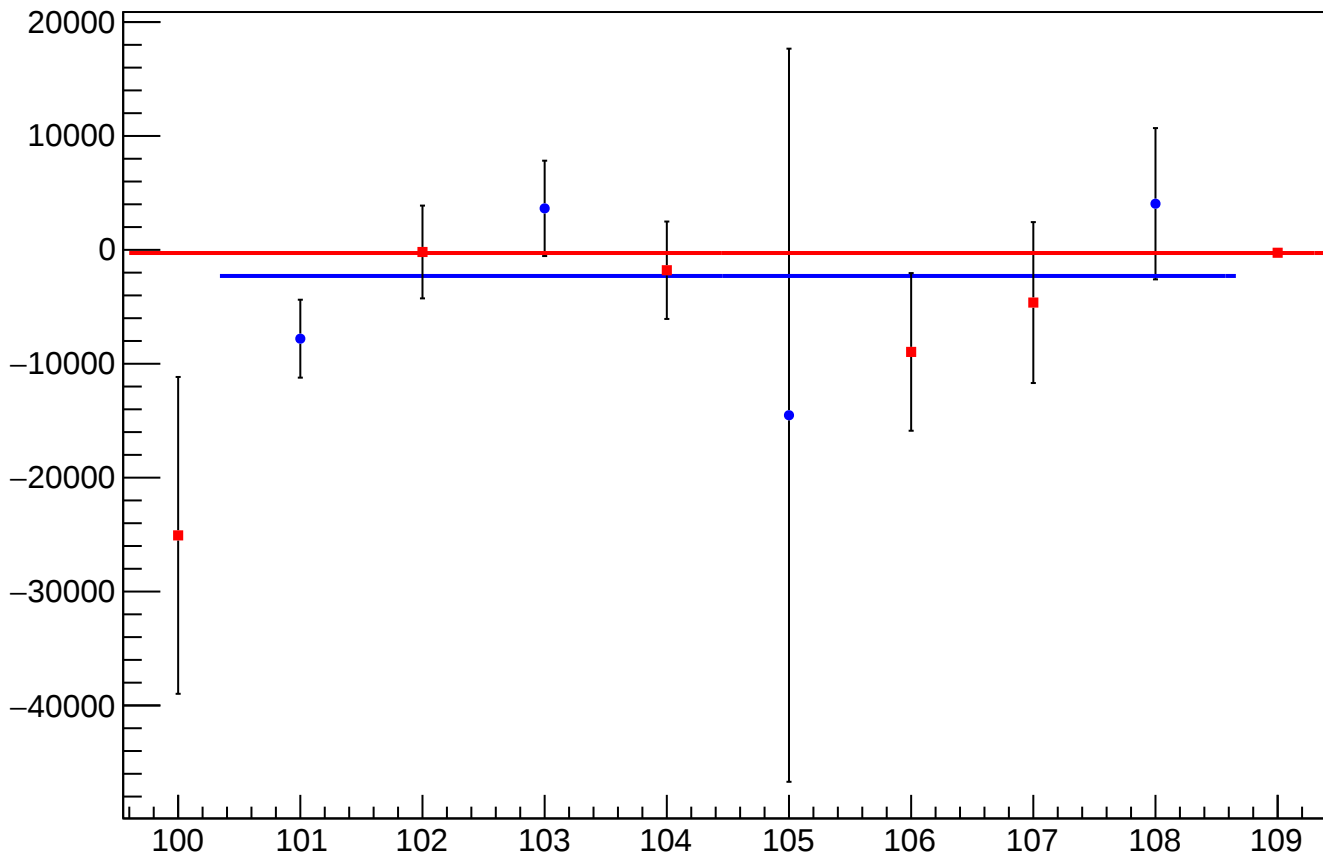
2990.656 $\pm$ 1.727 χ^2 /NDF: 80663.4/3

Right Out: 35.383 $\pm$ 0.046 χ^2 /NDF: 3440805.5/5

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

35.383 $\pm$ 0.046 χ^2 /NDF: 3440805.5/5

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: -2291.416+/-2453.329 χ^2/NDF : 5.7/3

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

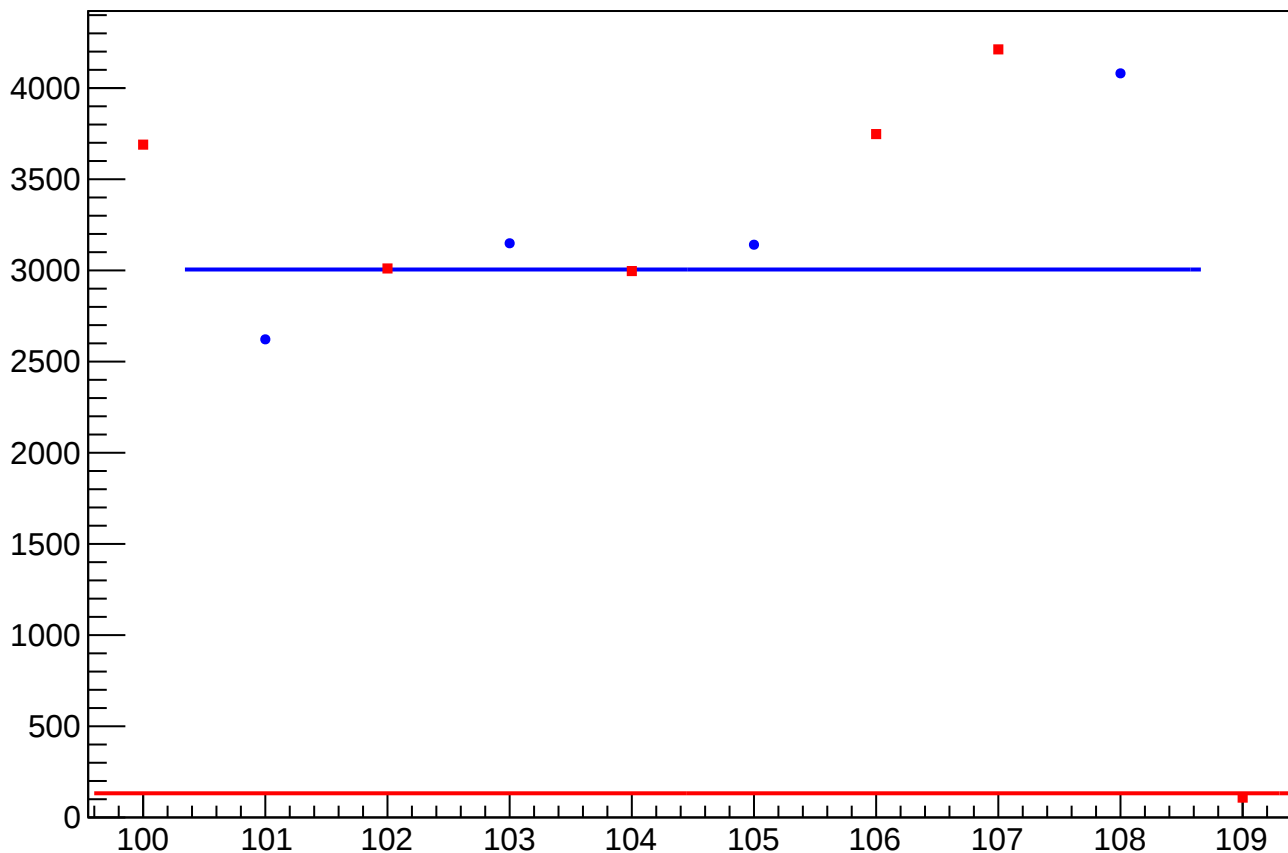
-2291.416+/-2453.329 χ^2/NDF : 5.7/3

Right Out: -276.484+/-215.958 χ^2/NDF : 5.3/5

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

-276.484+/-215.958 χ^2/NDF : 5.3/5

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 3005.038 $\pm$ 1.735 χ^2 /NDF: 79934.1/3

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

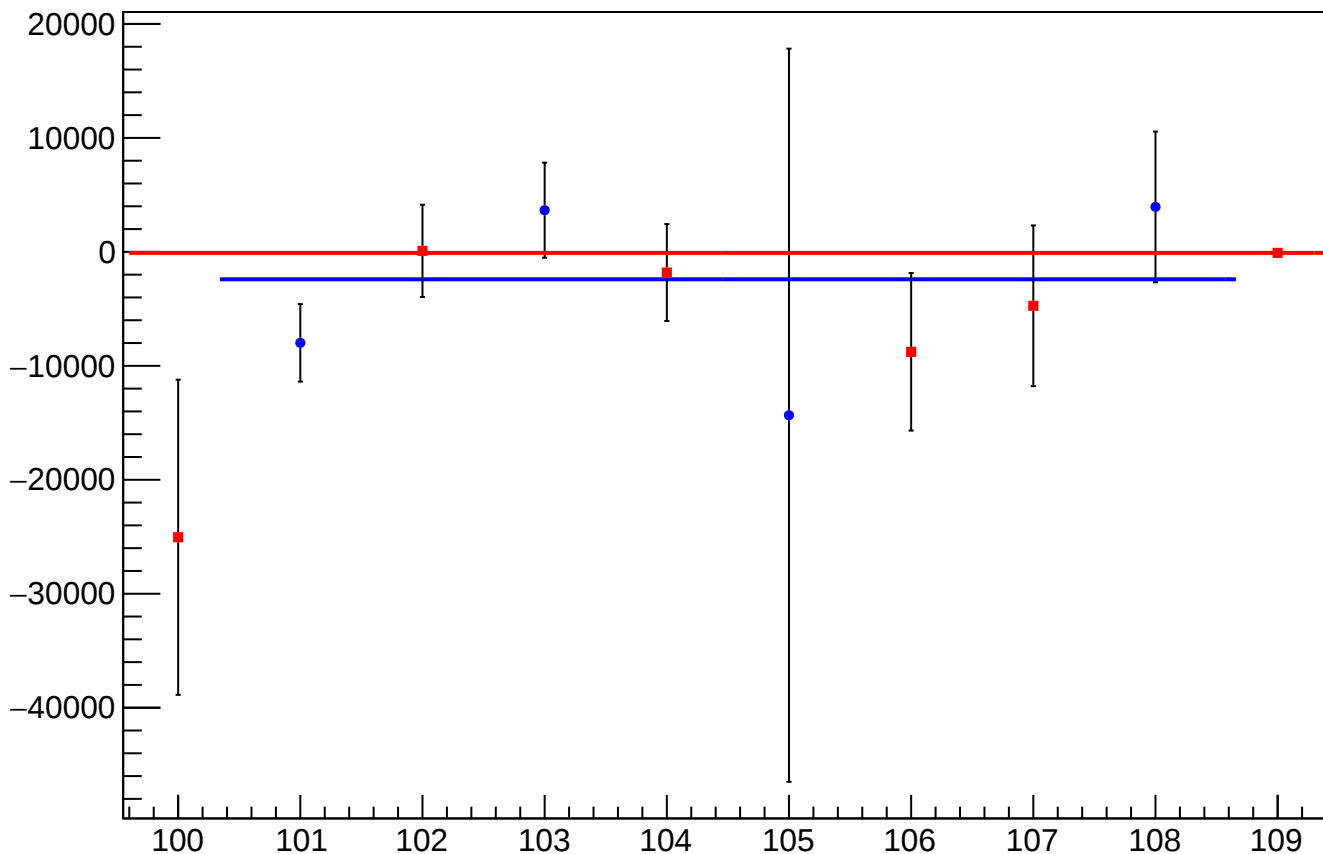
3005.038 $\pm$ 1.735 χ^2 /NDF: 79934.1/3

Right Out: 132.522 $\pm$ 0.153 χ^2 /NDF: 3263140.9/5

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

132.522 $\pm$ 0.153 χ^2 /NDF: 3263140.9/5

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: -2407.094+/-2441.851 χ^2/NDF : 5.9/3

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

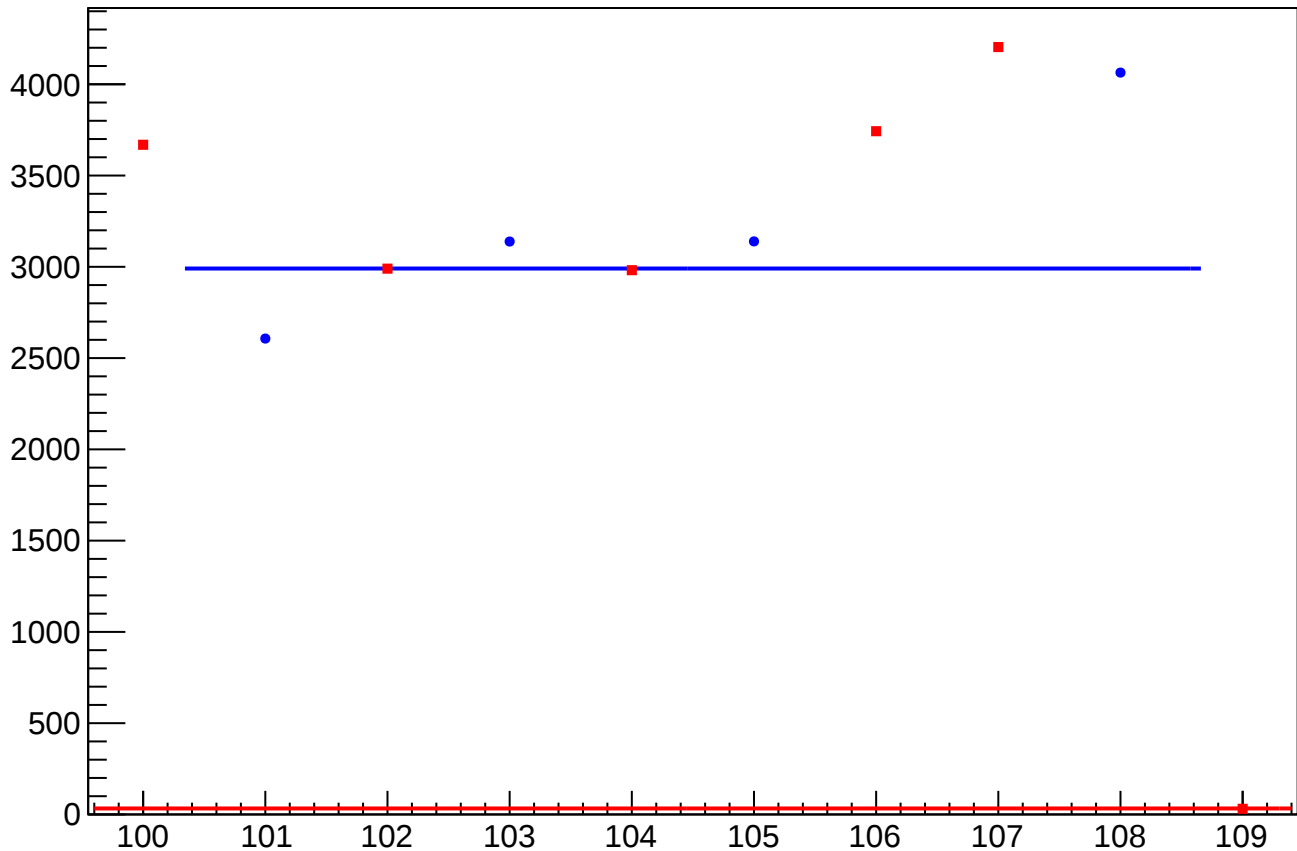
Right Out: -89.875+/-60.442 χ^2/NDF : 5.4/5

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

-2407.094+/-2441.851 χ^2/NDF : 5.9/3

-89.875+/-60.442 χ^2/NDF : 5.4/5

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 2990.682 $\pm$ 1.727 χ^2 /NDF: 80680.6/3

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

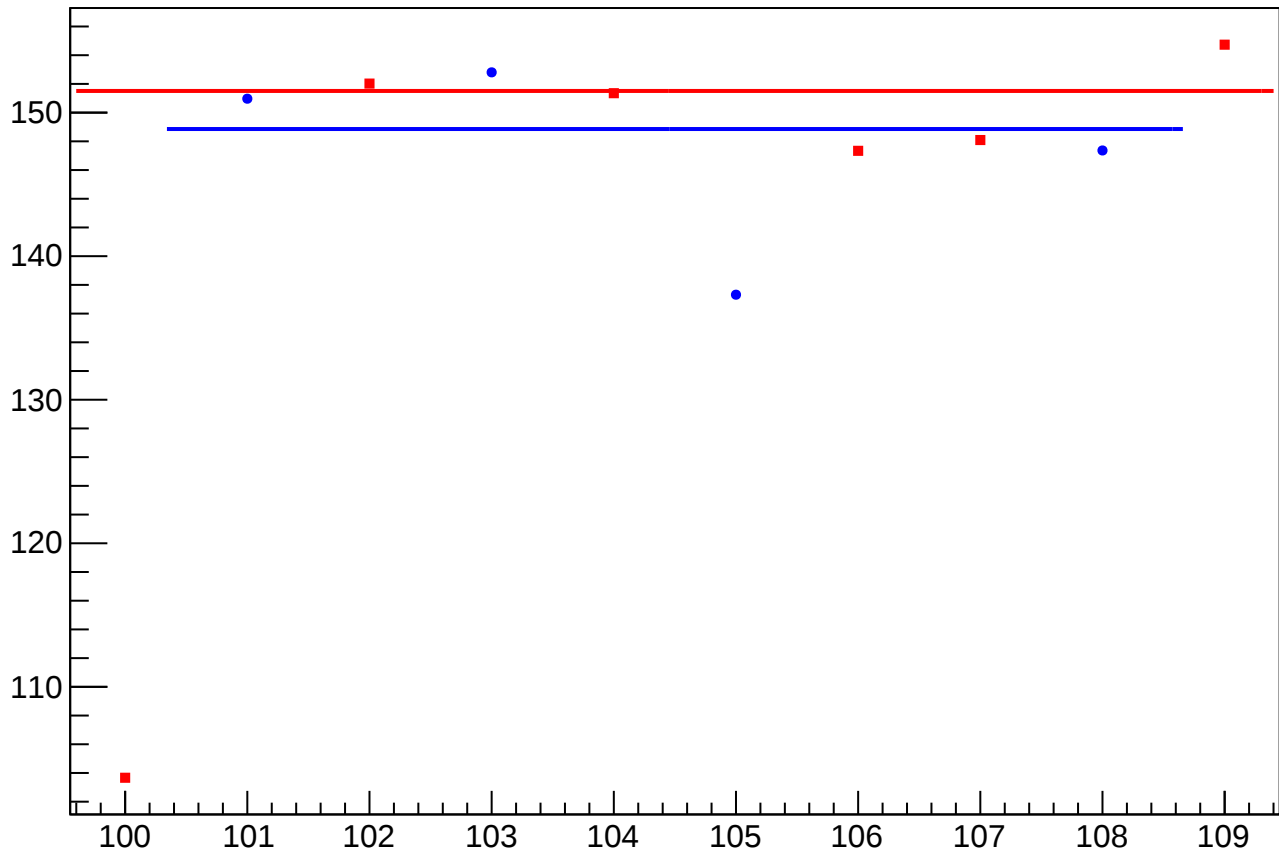
2990.682 $\pm$ 1.727 χ^2 /NDF: 80680.6/3

Right Out: 32.856 $\pm$ 0.043 χ^2 /NDF: 3445809.4/5

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

32.856 $\pm$ 0.043 χ^2 /NDF: 3445809.4/5

yield_bcm_an_ds_mean vs slug



Right In: 148.858+/-0.000 χ^2/NDF : 20487311.9/3

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

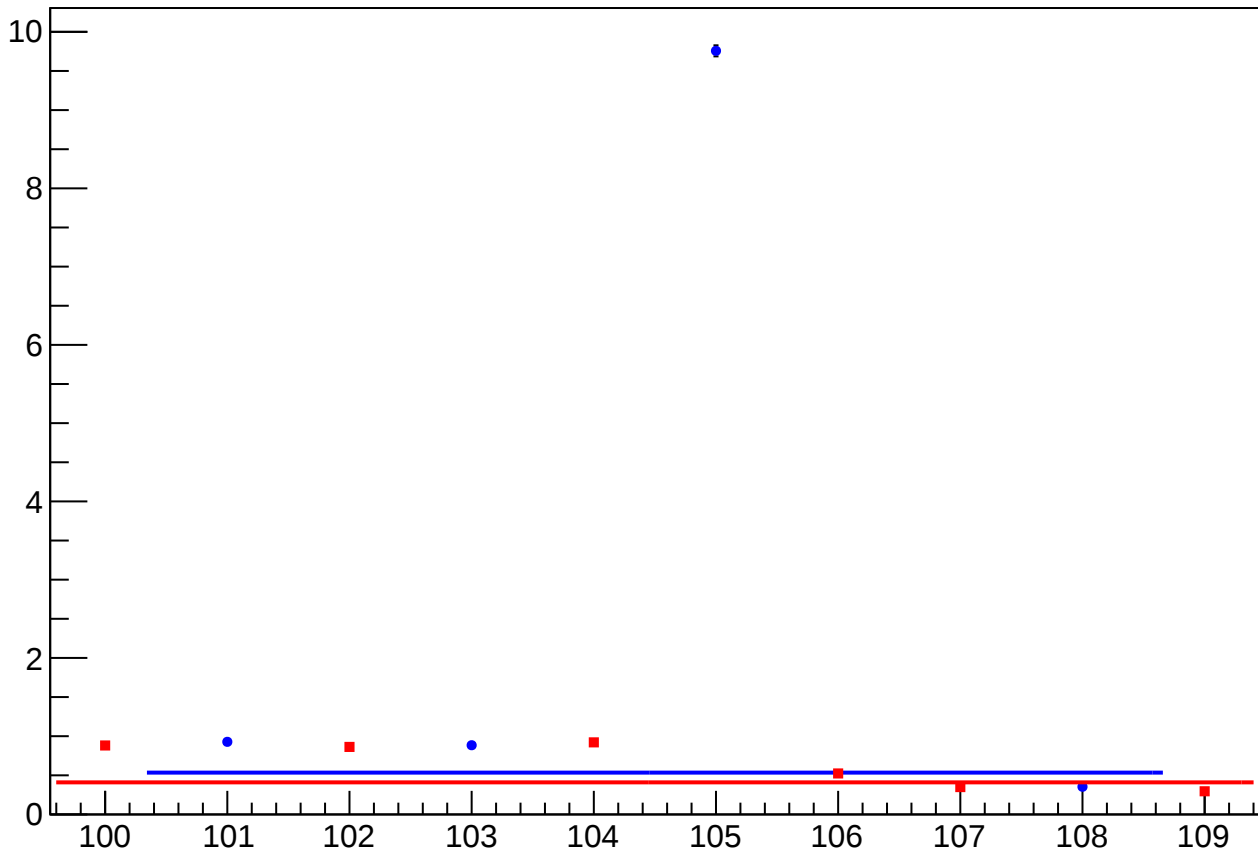
148.858+/-0.000 χ^2/NDF : 20487311.9/3

Right Out: 151.510+/-0.000 χ^2/NDF : 307727250.5/5

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

151.510+/-0.000 χ^2/NDF : 307727250.5/5

yield_bcm_an_ds_rms vs slug



Right In: 0.535+/-0.000 χ^2/NDF : 582849.1/3

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

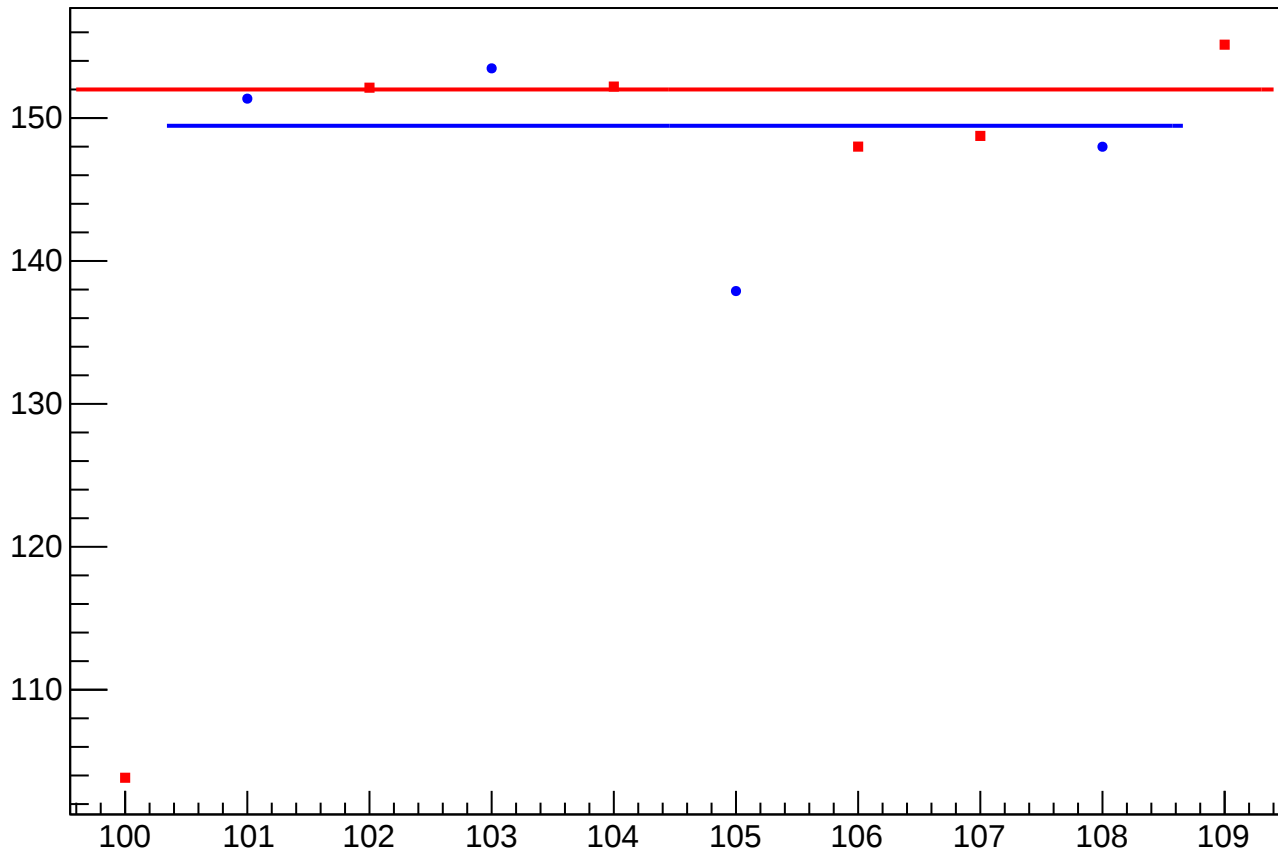
0.535+/-0.000 χ^2/NDF : 582849.1/3

Right Out: 0.410+/-0.000 χ^2/NDF : 803868.6/5

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

0.410+/-0.000 χ^2/NDF : 803868.6/5

yield_bcm_an_ds3_mean vs slug



Right In: 149.459+/-0.000 χ^2/NDF : 19685405.8/3

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

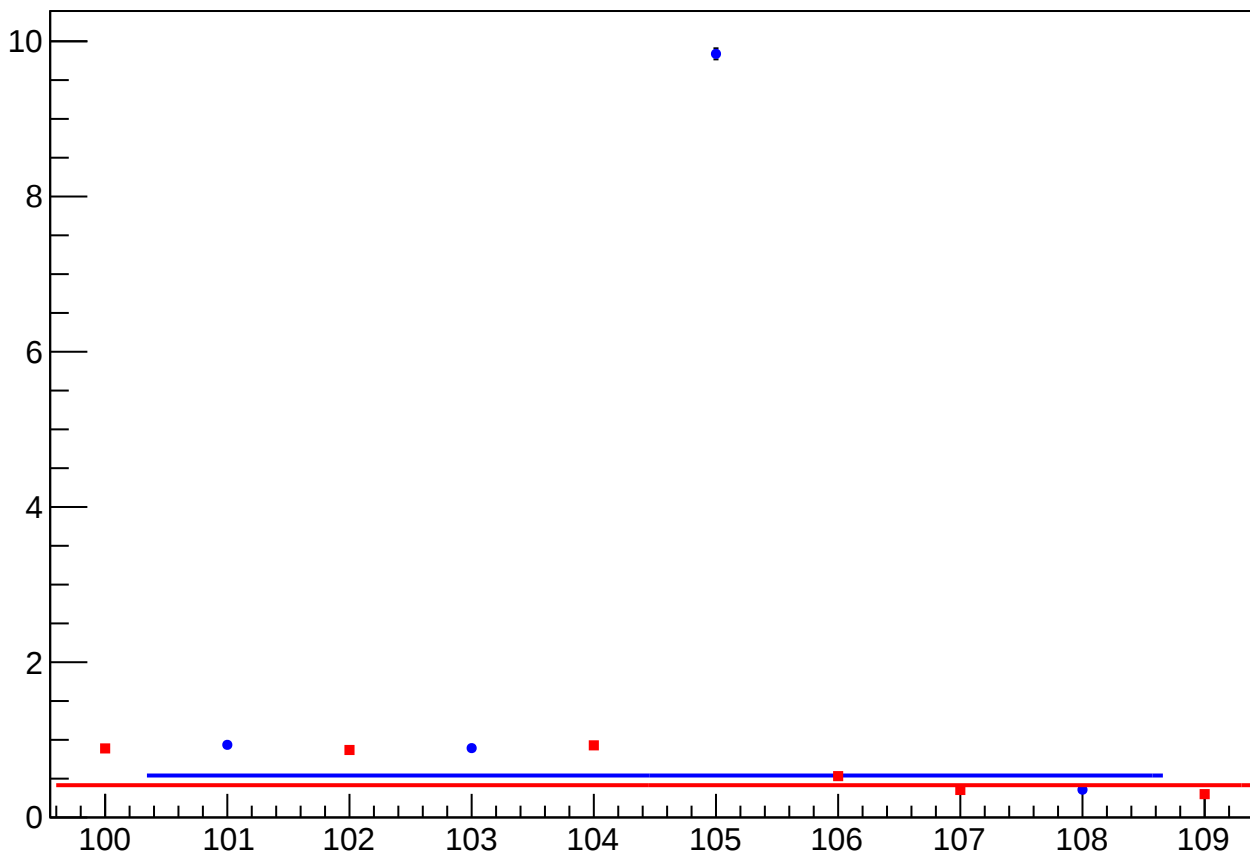
149.459+/-0.000 χ^2/NDF : 19685405.8/3

Right Out: 152.000+/-0.000 χ^2/NDF : 296810546.4/5

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

152.000+/-0.000 χ^2/NDF : 296810546.4/5

yield_bcm_an_ds3_rms vs slug



Right In: 0.540+/-0.000 χ^2/NDF : 580941.1/3

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

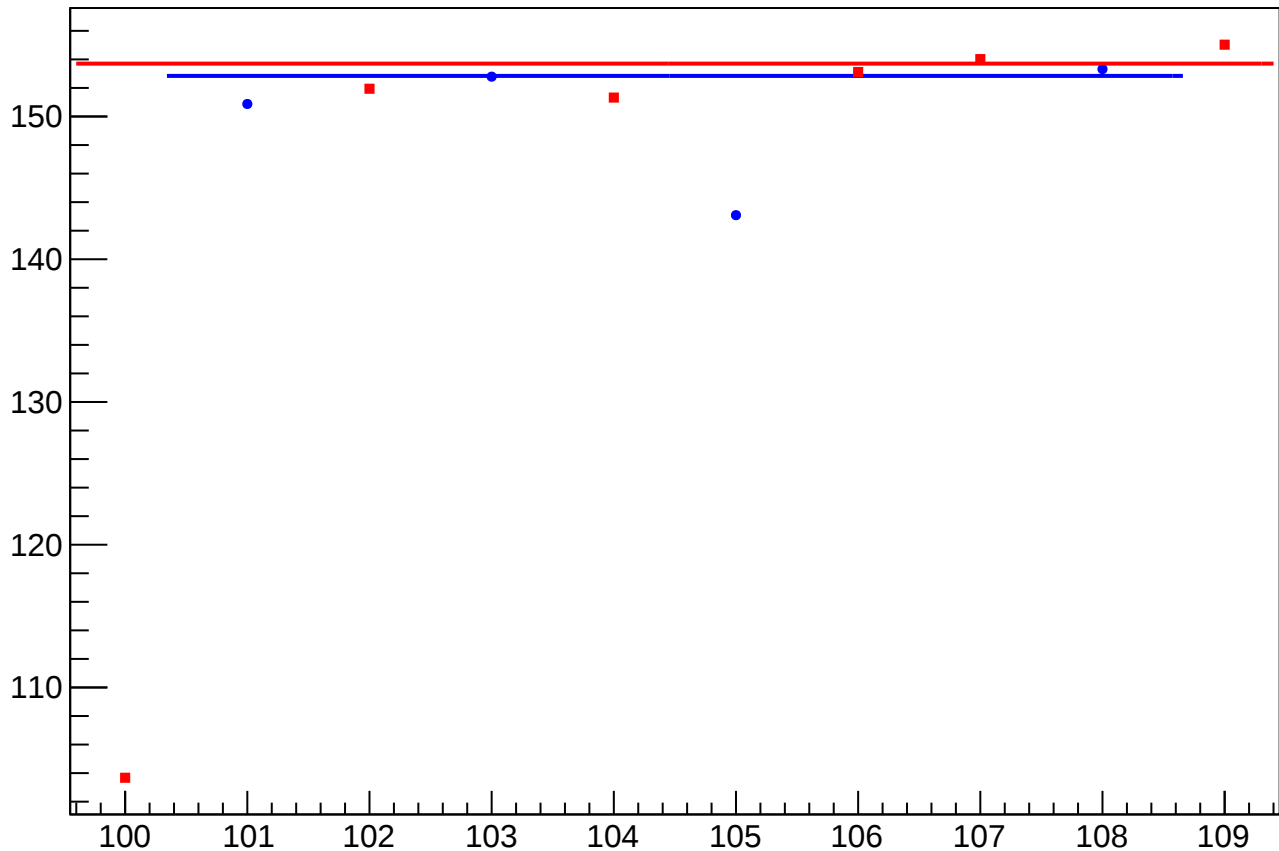
Right Out: 0.416+/-0.000 χ^2/NDF : 798480.0/5

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

0.540+/-0.000 χ^2/NDF : 580941.1/3

0.416+/-0.000 χ^2/NDF : 798480.0/5

yield_bcm_an_us_mean vs slug



Right In: 152.844 $\pm$ 0.000 χ^2 /NDF: 3168483.6/3

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

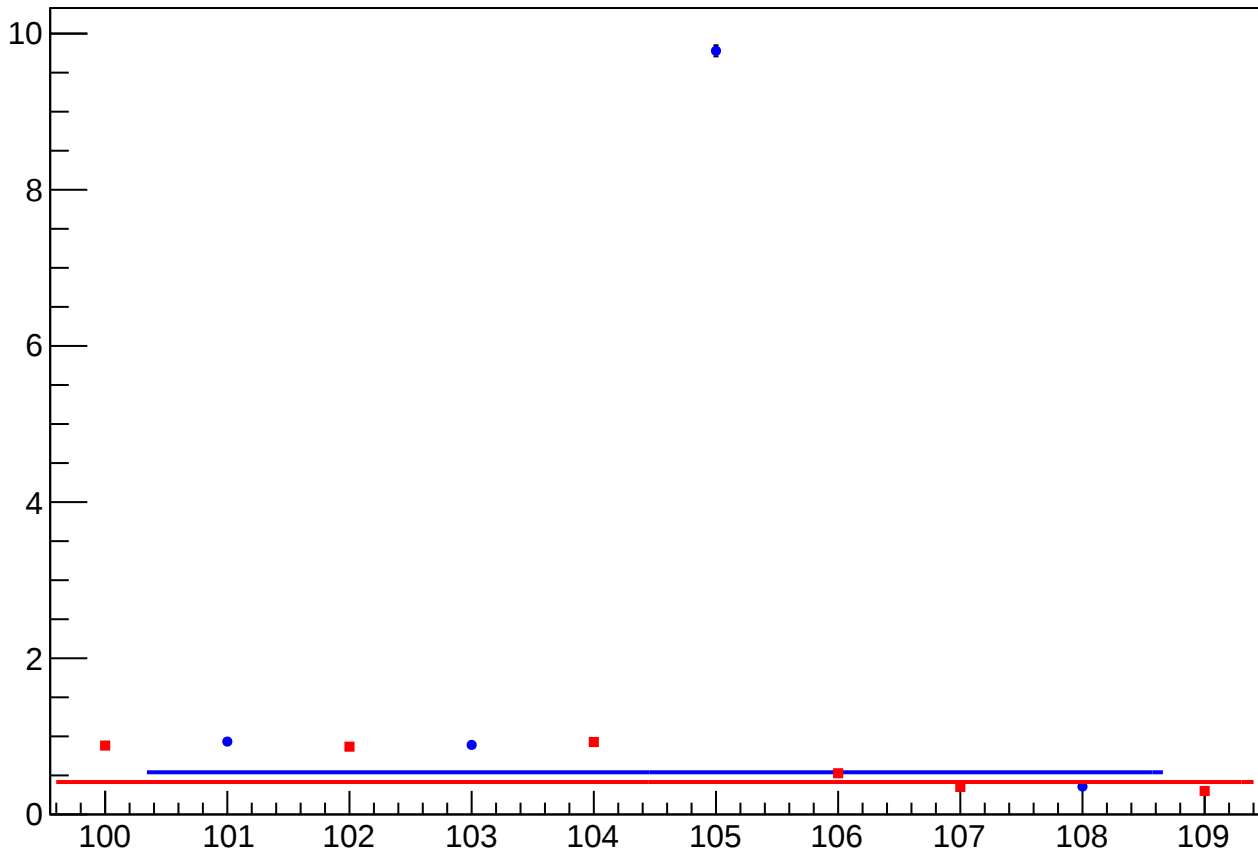
152.844 $\pm$ 0.000 χ^2 /NDF: 3168483.6/3

Right Out: 153.704 $\pm$ 0.000 χ^2 /NDF: 239676135.7/5

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

153.704 $\pm$ 0.000 χ^2 /NDF: 239676135.7/5

yield_bcm_an_us_rms vs slug



Right In: 0.540+/-0.000 χ^2/NDF : 578119.0/3

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

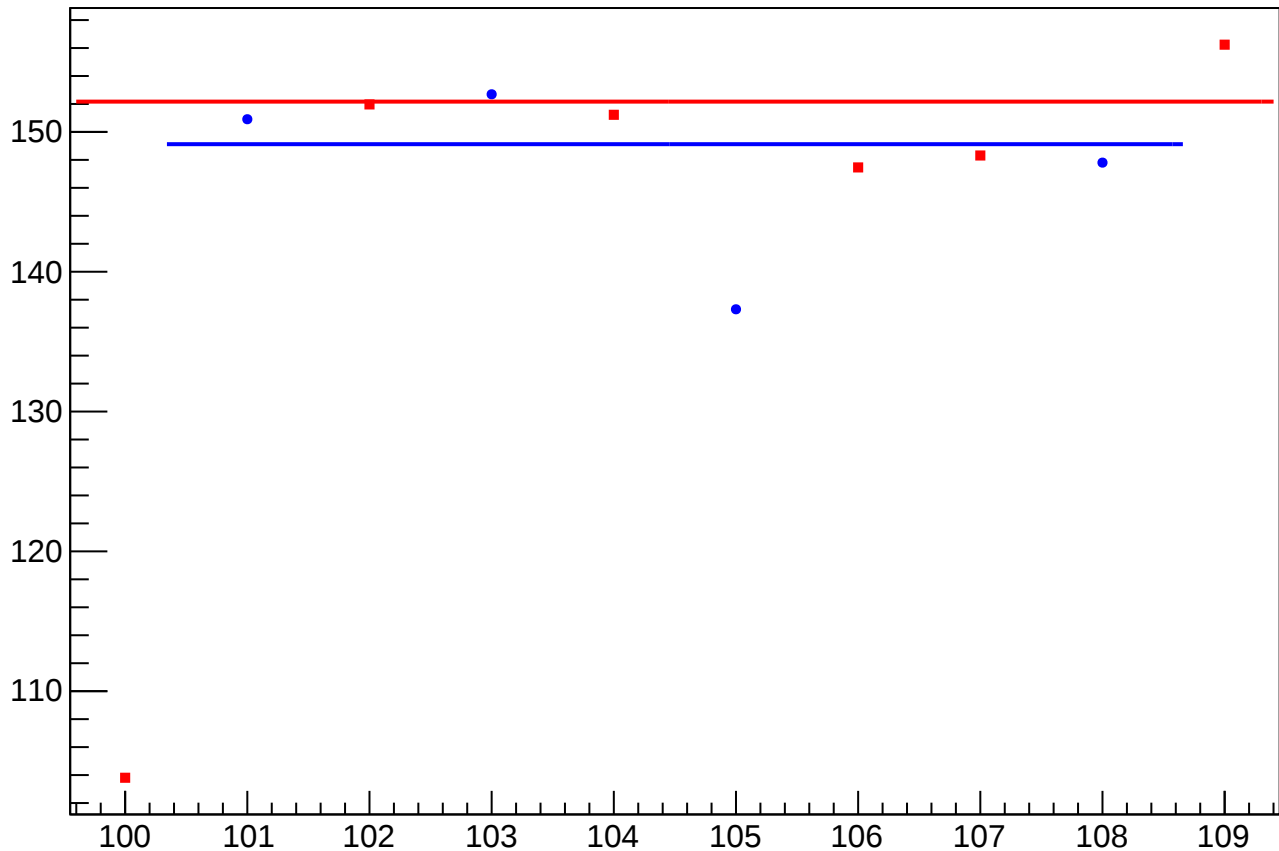
0.540+/-0.000 χ^2/NDF : 578119.0/3

Right Out: 0.415+/-0.000 χ^2/NDF : 794274.3/5

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

0.415+/-0.000 χ^2/NDF : 794274.3/5

yield_bcm_dg_us_mean vs slug



Right In: 149.123+/-0.000 χ^2/NDF : 15821889.1/3

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

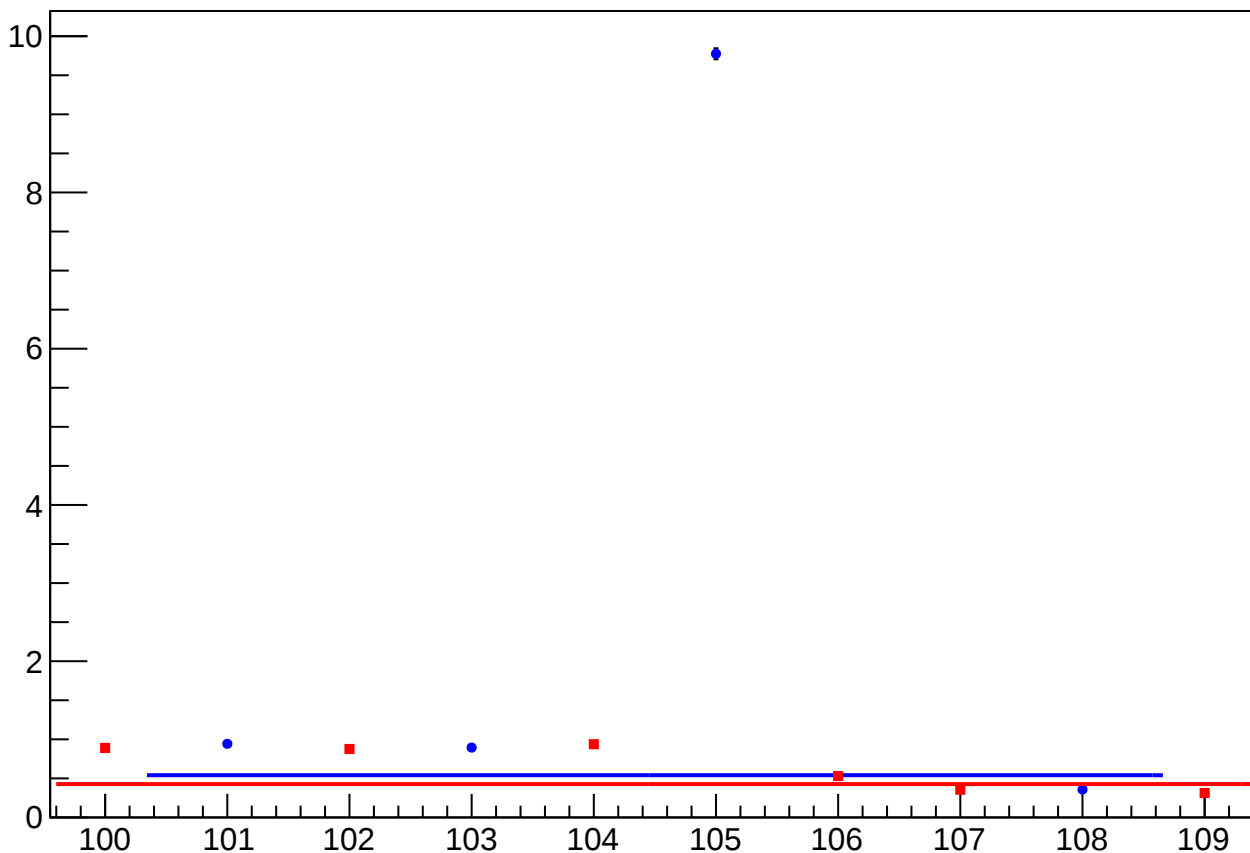
149.123+/-0.000 χ^2/NDF : 15821889.1/3

Right Out: 152.168+/-0.000 χ^2/NDF : 342639411.3/5

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

152.168+/-0.000 χ^2/NDF : 342639411.3/5

yield_bcm_dg_us_rms vs slug



Right In: 0.541+/-0.000 χ^2/NDF : 585166.3/3

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

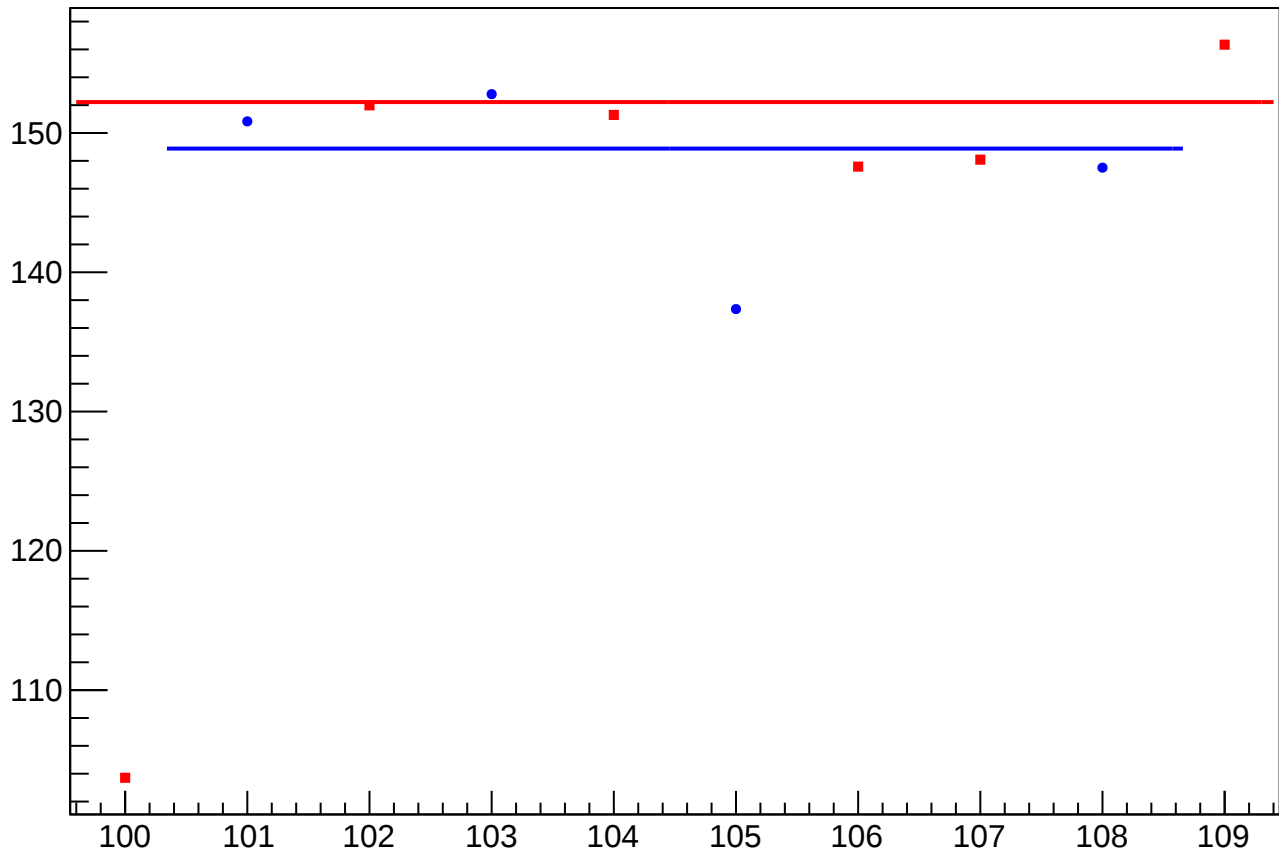
Right Out: 0.427+/-0.000 χ^2/NDF : 766070.8/5

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

0.541+/-0.000 χ^2/NDF : 585166.3/3

0.427+/-0.000 χ^2/NDF : 766070.8/5

yield_bcm_dg_ds_mean vs slug



Right In: 148.881 $\pm$ 0.000 χ^2 /NDF: 18390383.2/3

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

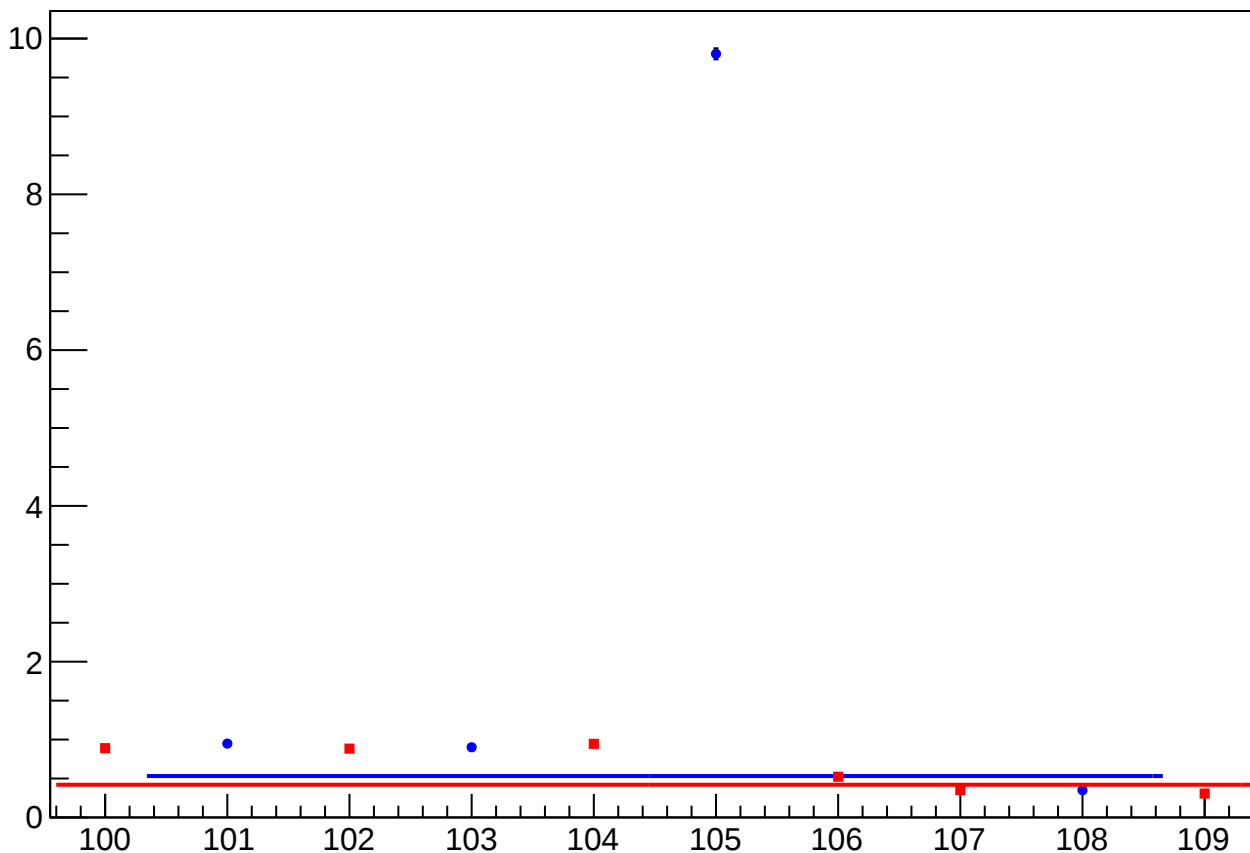
148.881 $\pm$ 0.000 χ^2 /NDF: 18390383.2/3

Right Out: 152.220 $\pm$ 0.000 χ^2 /NDF: 355408259.6/5

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

152.220 $\pm$ 0.000 χ^2 /NDF: 355408259.6/5

yield_bcm_dg_ds_rms vs slug



Right In: 0.532+/-0.000 χ^2/NDF : 614303.0/3

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

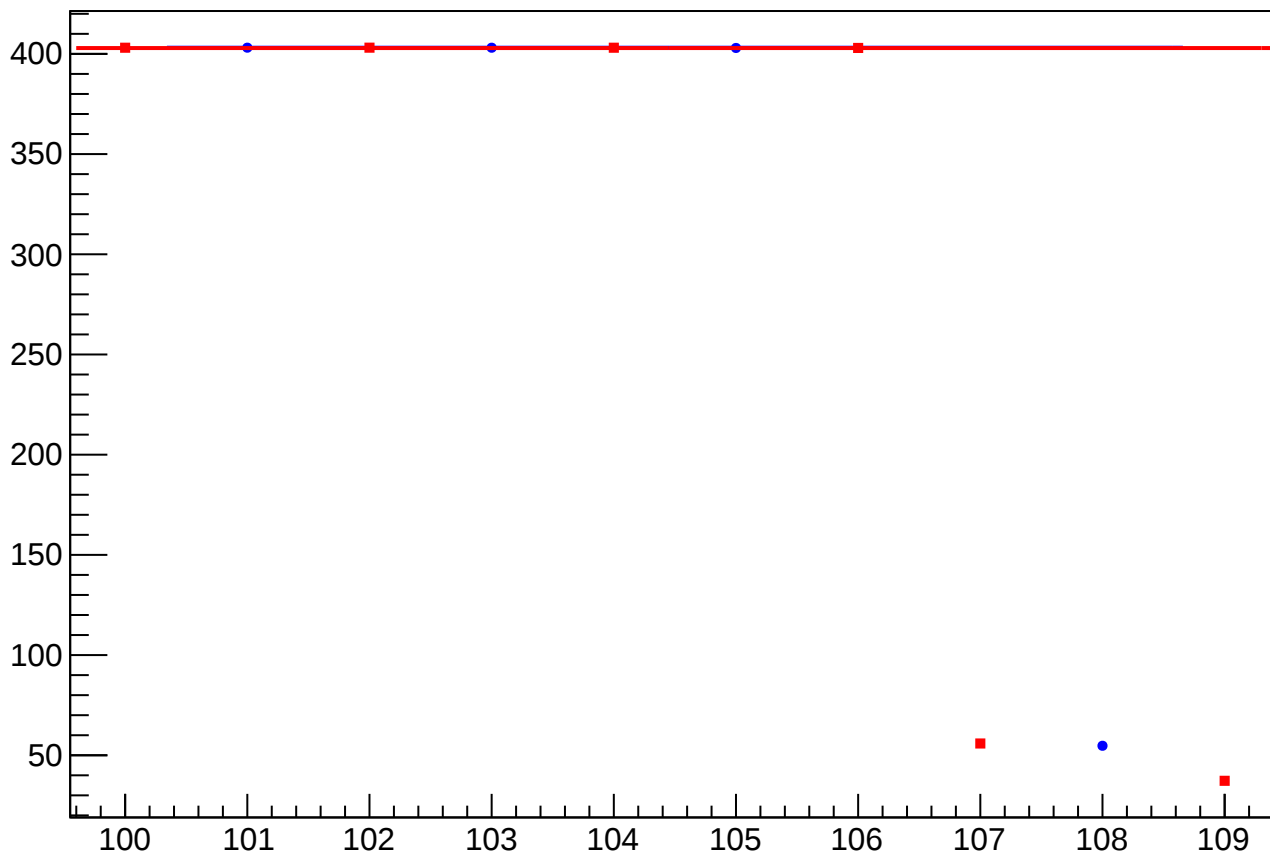
Right Out: 0.420+/-0.000 χ^2/NDF : 793221.9/5

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

0.532+/-0.000 χ^2/NDF : 614303.0/3

0.420+/-0.000 χ^2/NDF : 793221.9/5

yield_cav4bQ_mean vs slug



Right In: 403.077+/-0.000 χ^2/NDF : 126341577174.3/3

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

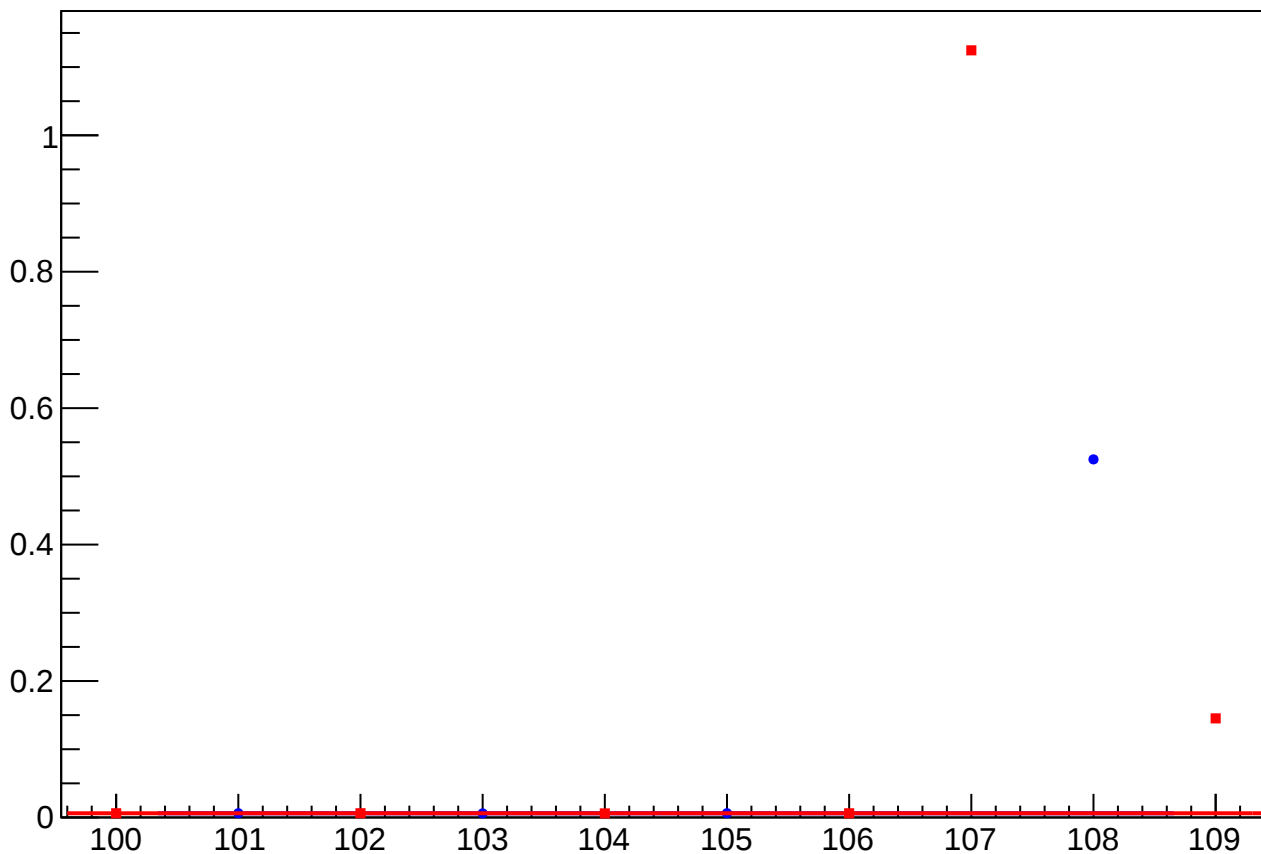
Right Out: 402.908+/-0.000 χ^2/NDF : 2091714033205.8/5

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

403.077+/-0.000 χ^2/NDF : 126341577174.3/3

402.908+/-0.000 χ^2/NDF : 2091714033205.8/5

yield_cav4bQ_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 561373.4/3

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

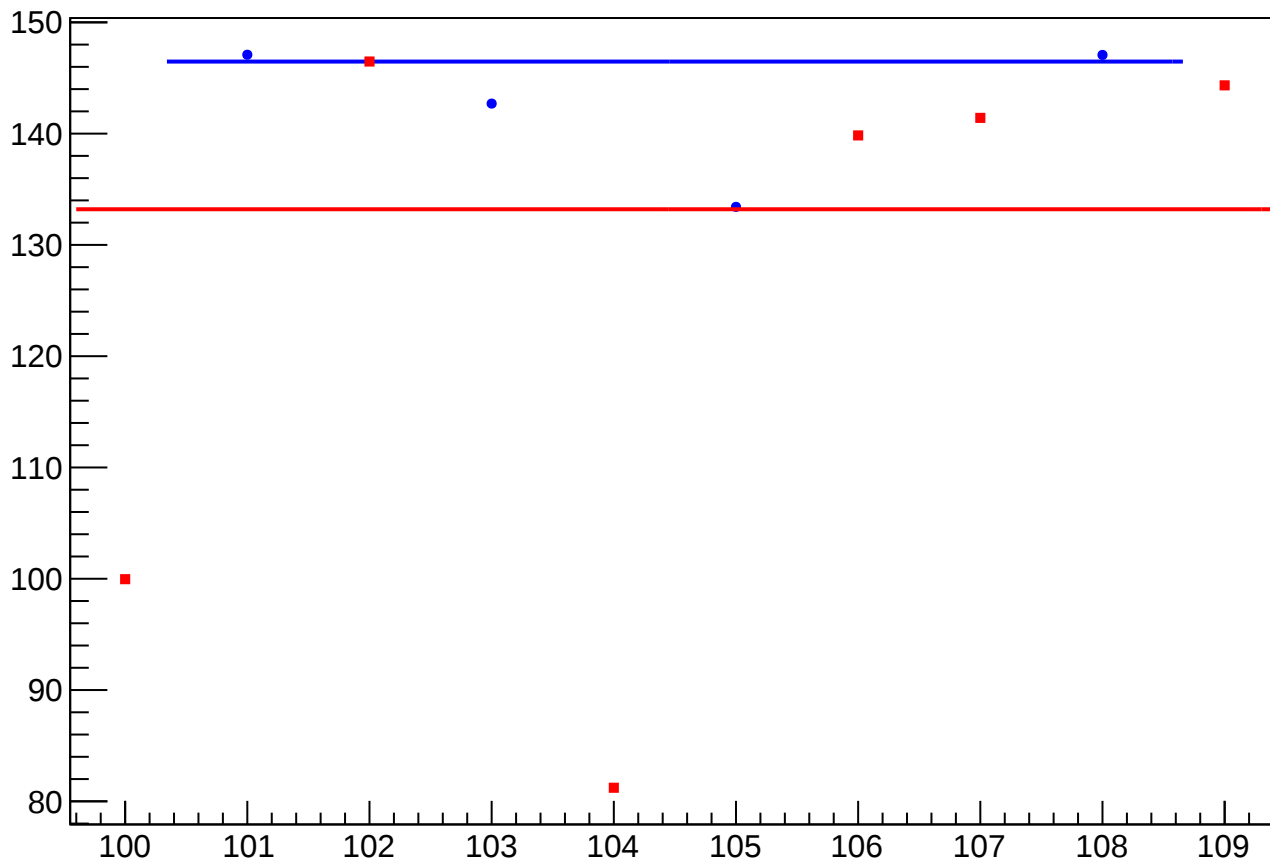
Right Out: 0.006+/-0.000 χ^2/NDF : 1075163.0/5

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

0.006+/-0.000 χ^2/NDF : 561373.4/3

0.006+/-0.000 χ^2/NDF : 1075163.0/5

yield_cav4cQ_mean vs slug



Right In: 146.475 $\pm$ 0.003 χ^2 /NDF: 346507.0/3

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

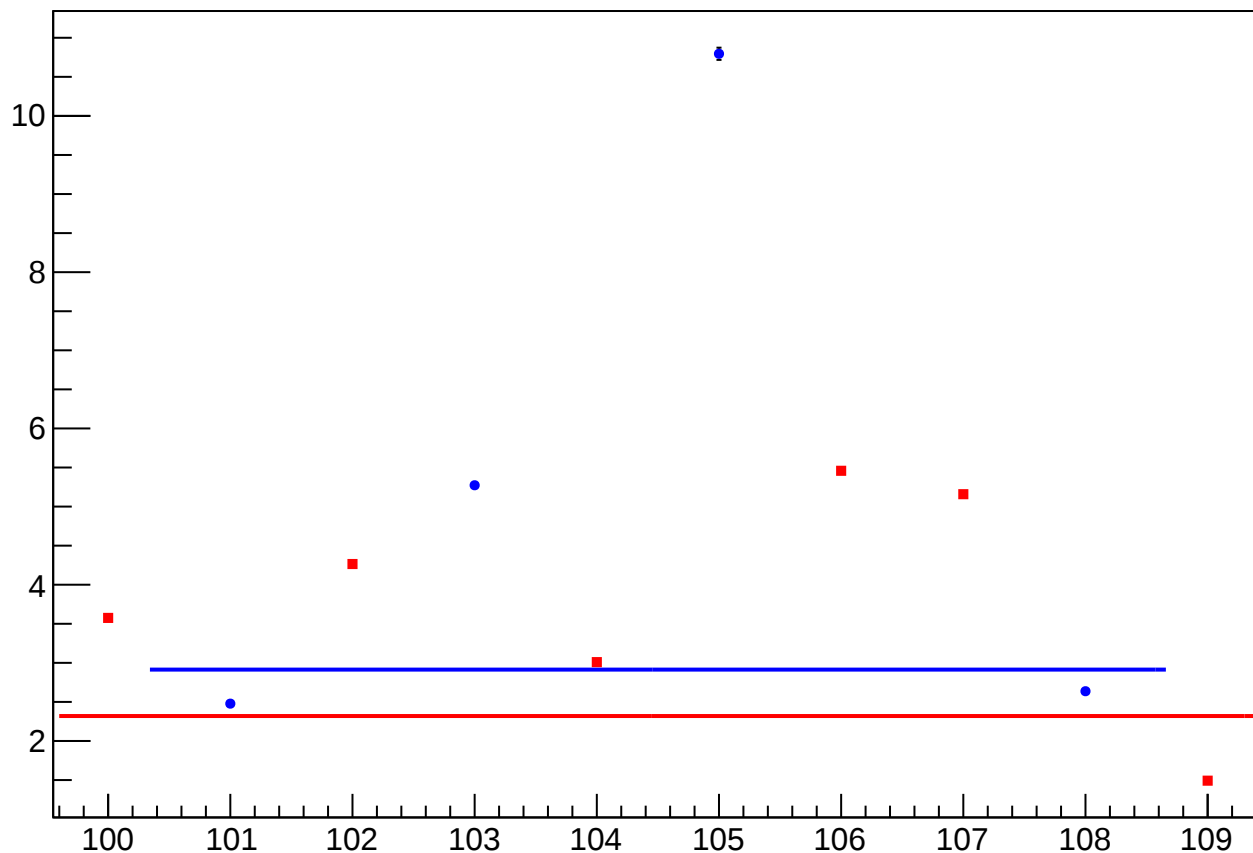
Right Out: 133.204 $\pm$ 0.002 χ^2 /NDF: 164838574.9/5

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

146.475 $\pm$ 0.003 χ^2 /NDF: 346507.0/3

133.204 $\pm$ 0.002 χ^2 /NDF: 164838574.9/5

yield_cav4cQ_rms vs slug



Right In: 2.914+/-0.002 χ^2/NDF : 271334.8/3

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

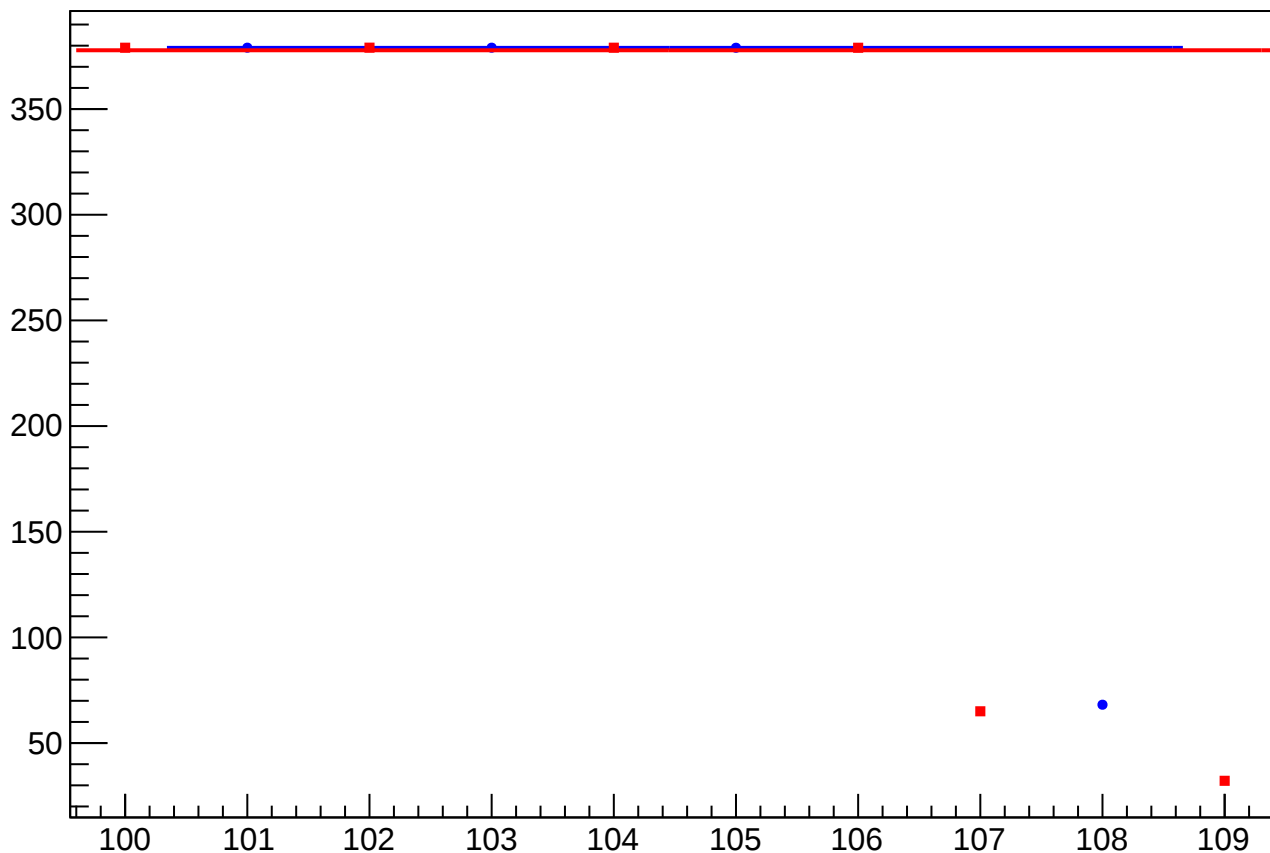
Right Out: 2.319+/-0.001 χ^2/NDF : 914720.7/5

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

2.914+/-0.002 χ^2/NDF : 271334.8/3

2.319+/-0.001 χ^2/NDF : 914720.7/5

yield_cav4dQ_mean vs slug



Right In: 378.954 $\pm$ 0.000 χ^2 /NDF: 409922597167.8/3

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

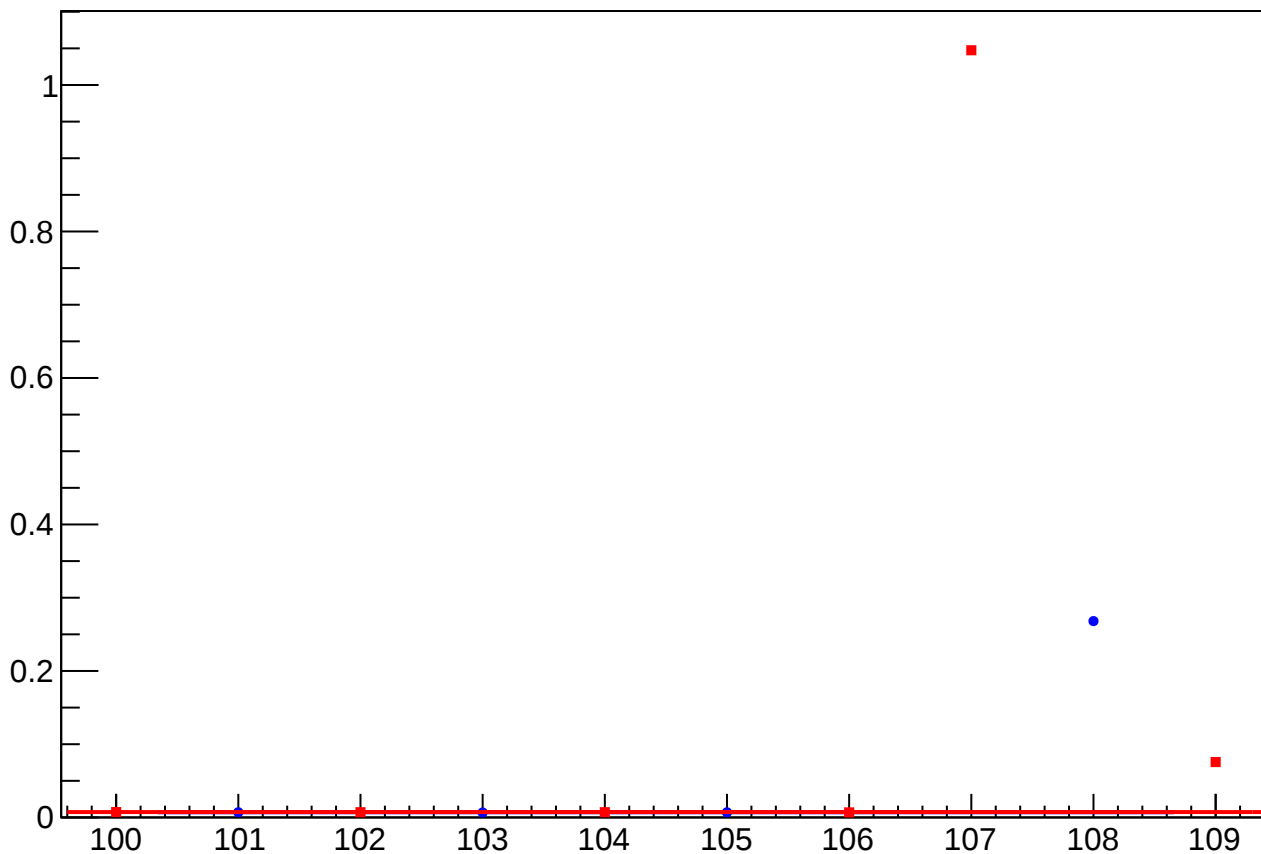
378.954 $\pm$ 0.000 χ^2 /NDF: 409922597167.8/3

Right Out: 377.826 $\pm$ 0.000 χ^2 /NDF: 6370120494636.0/5

377.826 $\pm$ 0.000 χ^2 /NDF: 6370120494636.0/5

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

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 578263.7/3

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

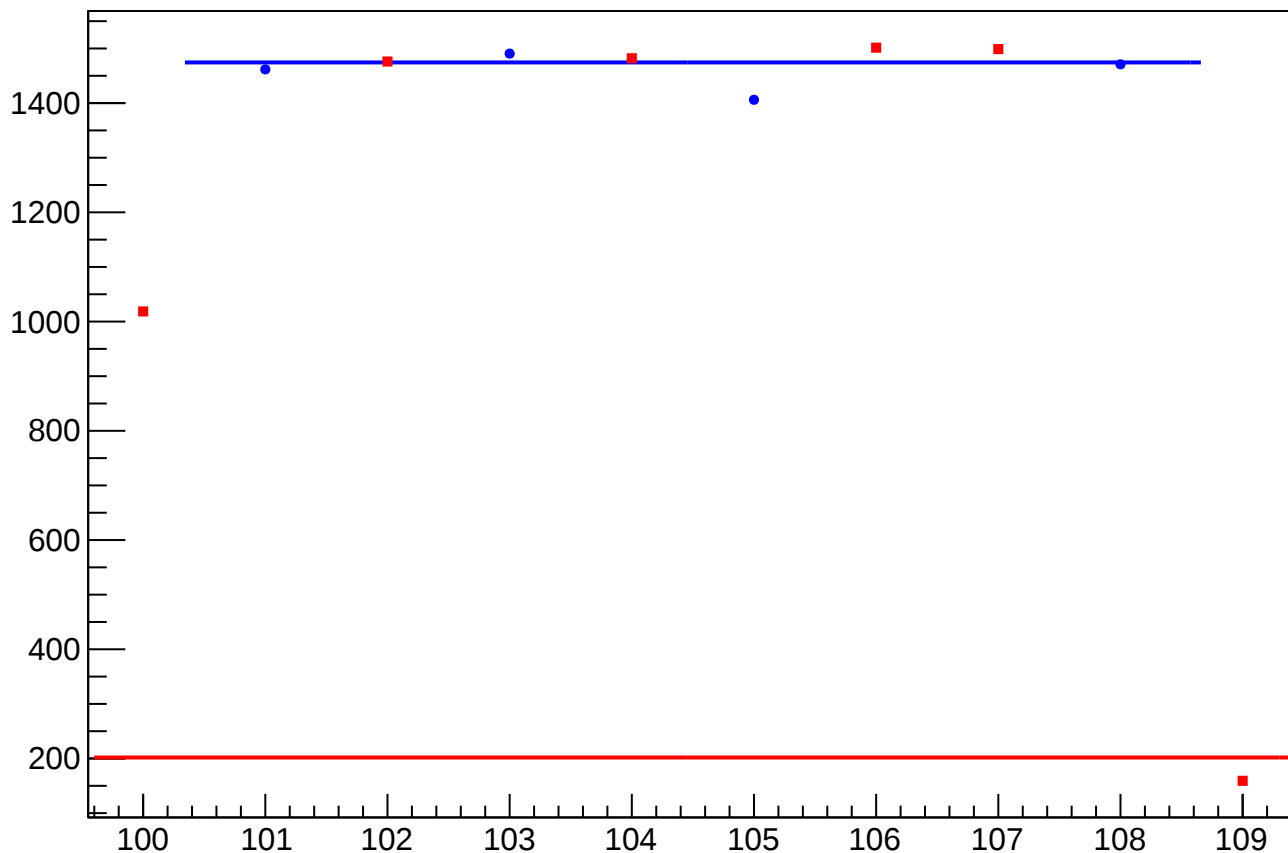
Right Out: 0.007+/-0.000 χ^2/NDF : 994101.9/5

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

0.007+/-0.000 χ^2/NDF : 578263.7/3

0.007+/-0.000 χ^2/NDF : 994101.9/5

yield_bcm0l02_mean vs slug



Right In: 1474.466 $\pm$ 0.009 χ^2 /NDF: 1764244.3/3

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

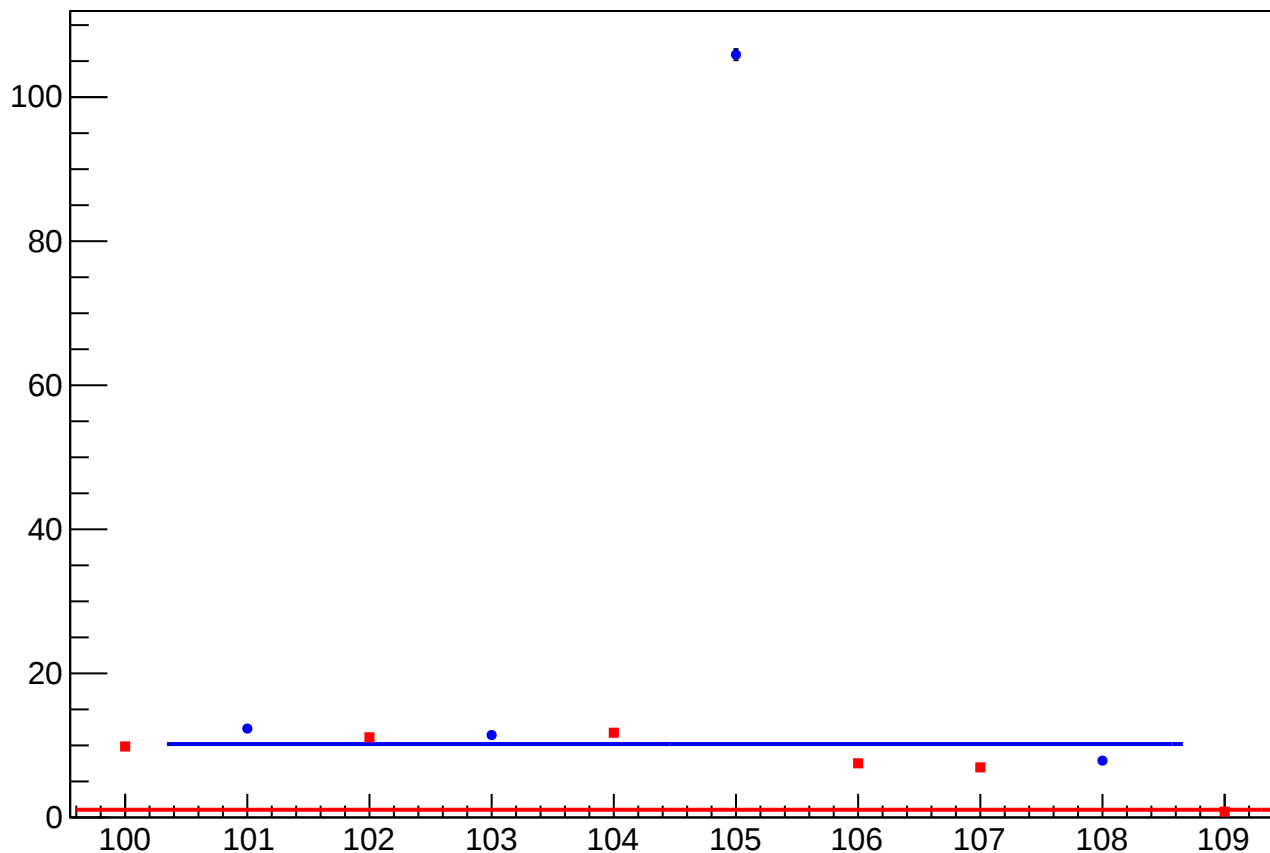
Right Out: 201.868 $\pm$ 0.001 χ^2 /NDF: 31568157246.7/5

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

1474.466 $\pm$ 0.009 χ^2 /NDF: 1764244.3/3

201.868 $\pm$ 0.001 χ^2 /NDF: 31568157246.7/5

yield_bcm0l02_rms vs slug



Right In: 10.192 $\pm$ 0.006 χ^2 /NDF: 123476.5/3

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

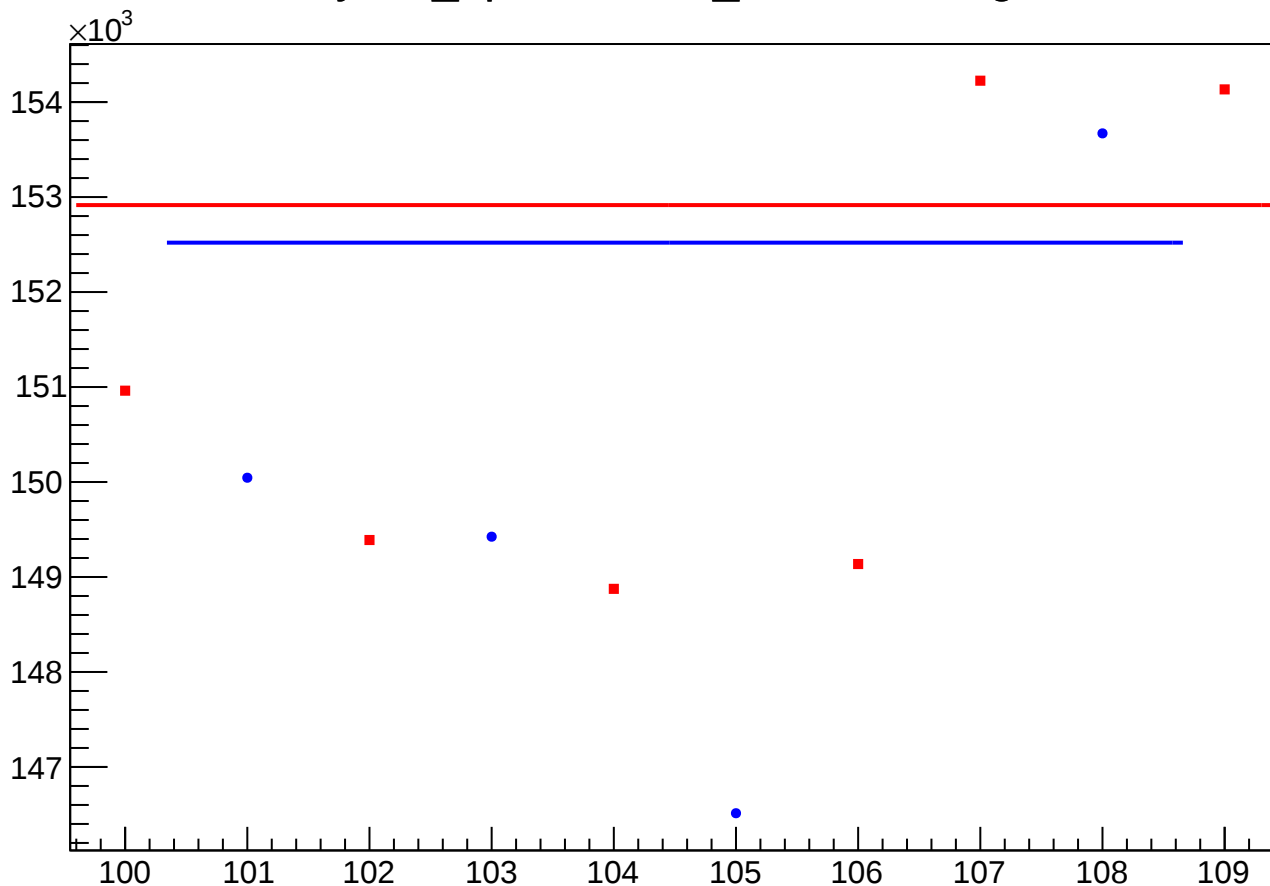
Right Out: 1.070 $\pm$ 0.001 χ^2 /NDF: 2591366.3/5

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

10.192 $\pm$ 0.006 χ^2 /NDF: 123476.5/3

1.070 $\pm$ 0.001 χ^2 /NDF: 2591366.3/5

yield_bpm0i01WS_mean vs slug



Right In: 152519.921 $\pm$ 0.200 χ^2 /NDF: 80706603.4/3

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

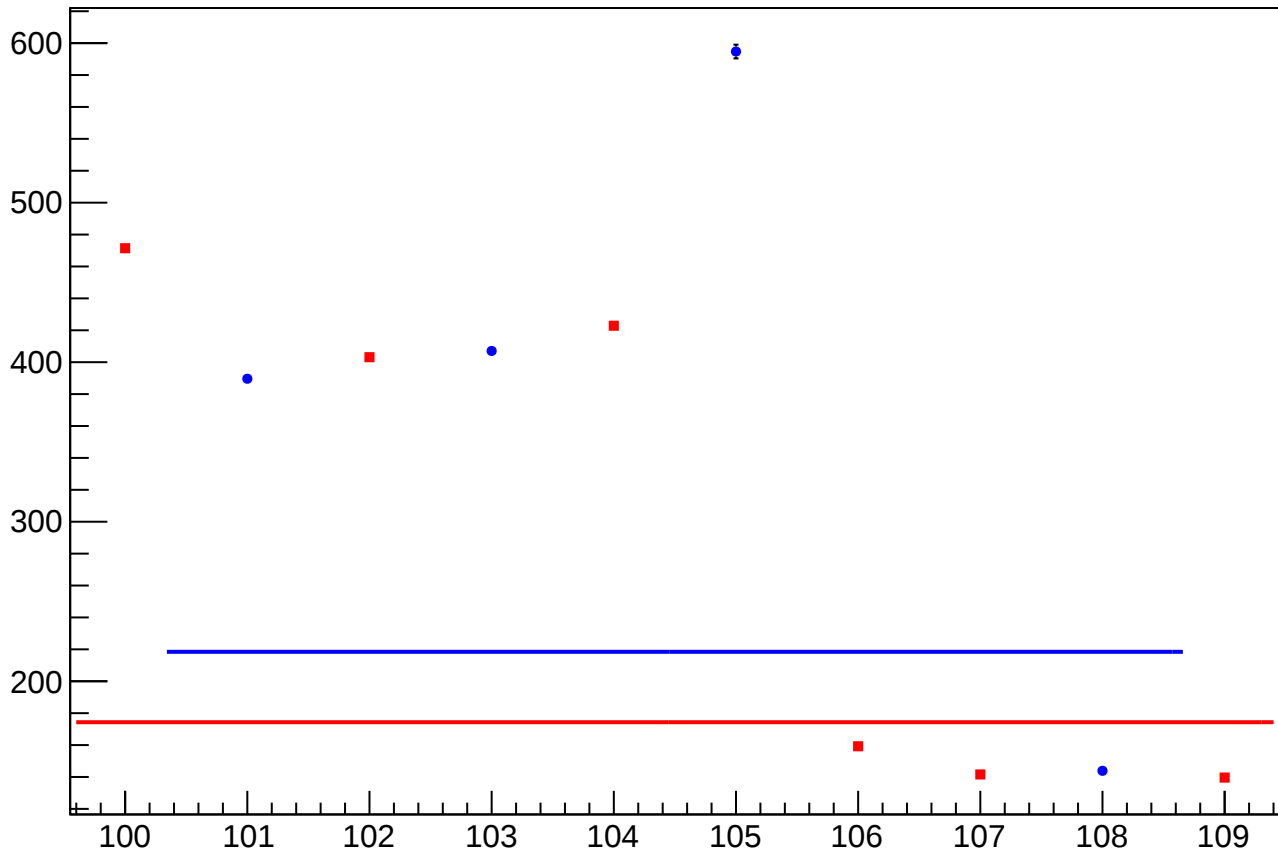
152519.921 $\pm$ 0.200 χ^2 /NDF: 80706603.4/3

Right Out: 152915.413 $\pm$ 0.133 χ^2 /NDF: 265425808.9/5

152915.413 $\pm$ 0.133 χ^2 /NDF: 265425808.9/5

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

yield_bpm0i01WS_rms vs slug



Right In: 218.455+/-0.142 χ^2/NDF : 673286.7/3

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

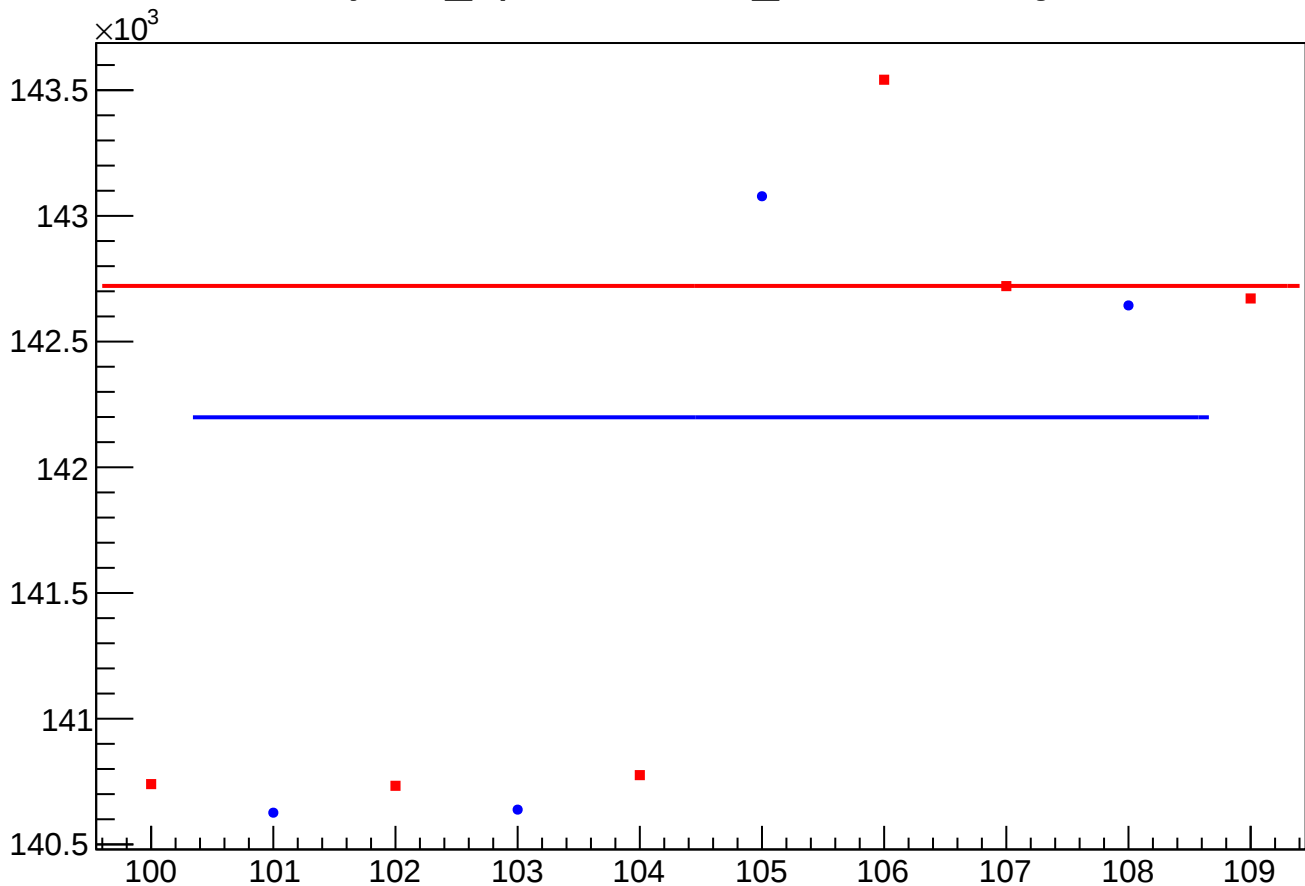
218.455+/-0.142 χ^2/NDF : 673286.7/3

Right Out: 174.325+/-0.094 χ^2/NDF : 847398.5/5

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

174.325+/-0.094 χ^2/NDF : 847398.5/5

yield_bpm0i01aWS_mean vs slug



Right In: 142198.865 $\pm$ 0.163 χ^2 /NDF: 26828463.2/3

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

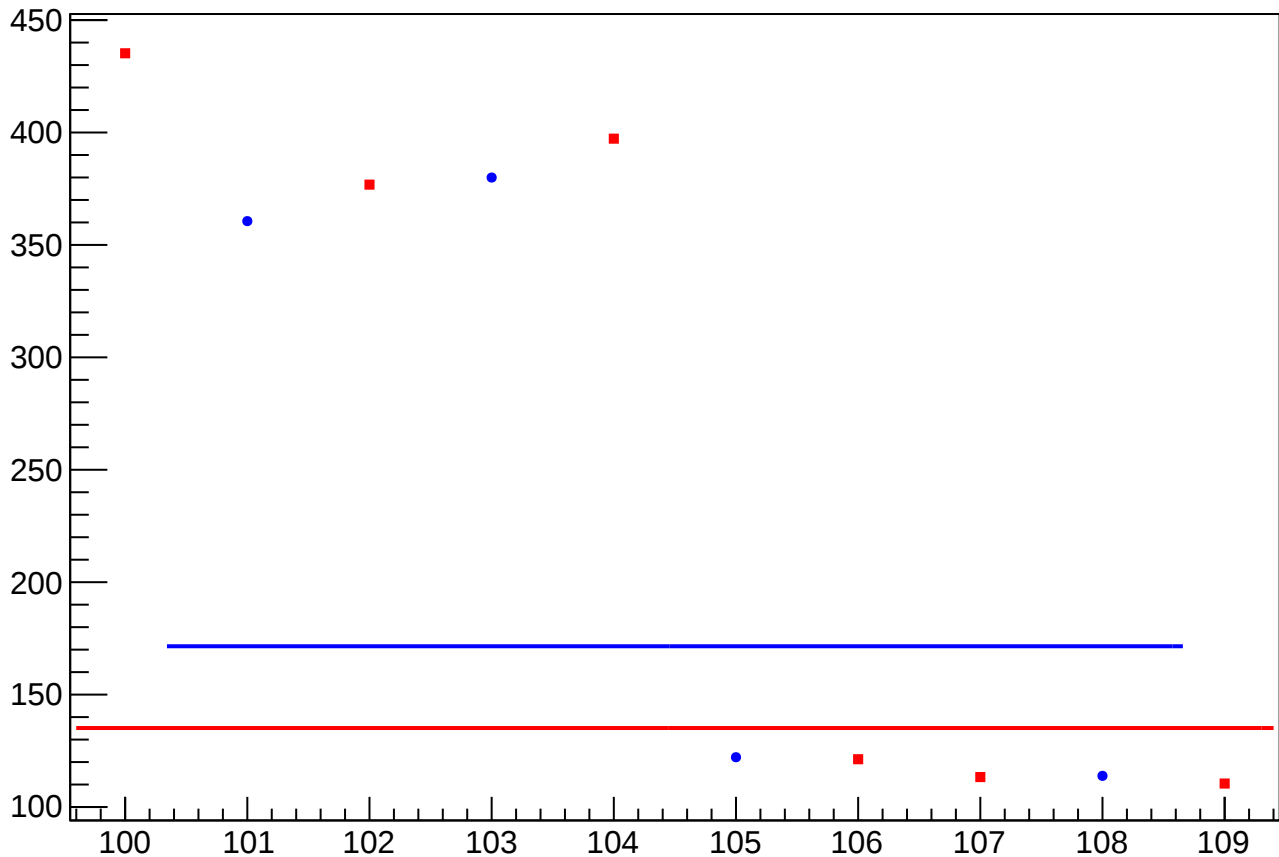
142198.865 $\pm$ 0.163 χ^2 /NDF: 26828463.2/3

Right Out: 142721.439 $\pm$ 0.103 χ^2 /NDF: 42020010.2/5

142721.439 $\pm$ 0.103 χ^2 /NDF: 42020010.2/5

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

yield_bpm0i01aWS_rms vs slug



Right In: 171.502 $\pm$ 0.115 χ^2 /NDF: 855228.9/3

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

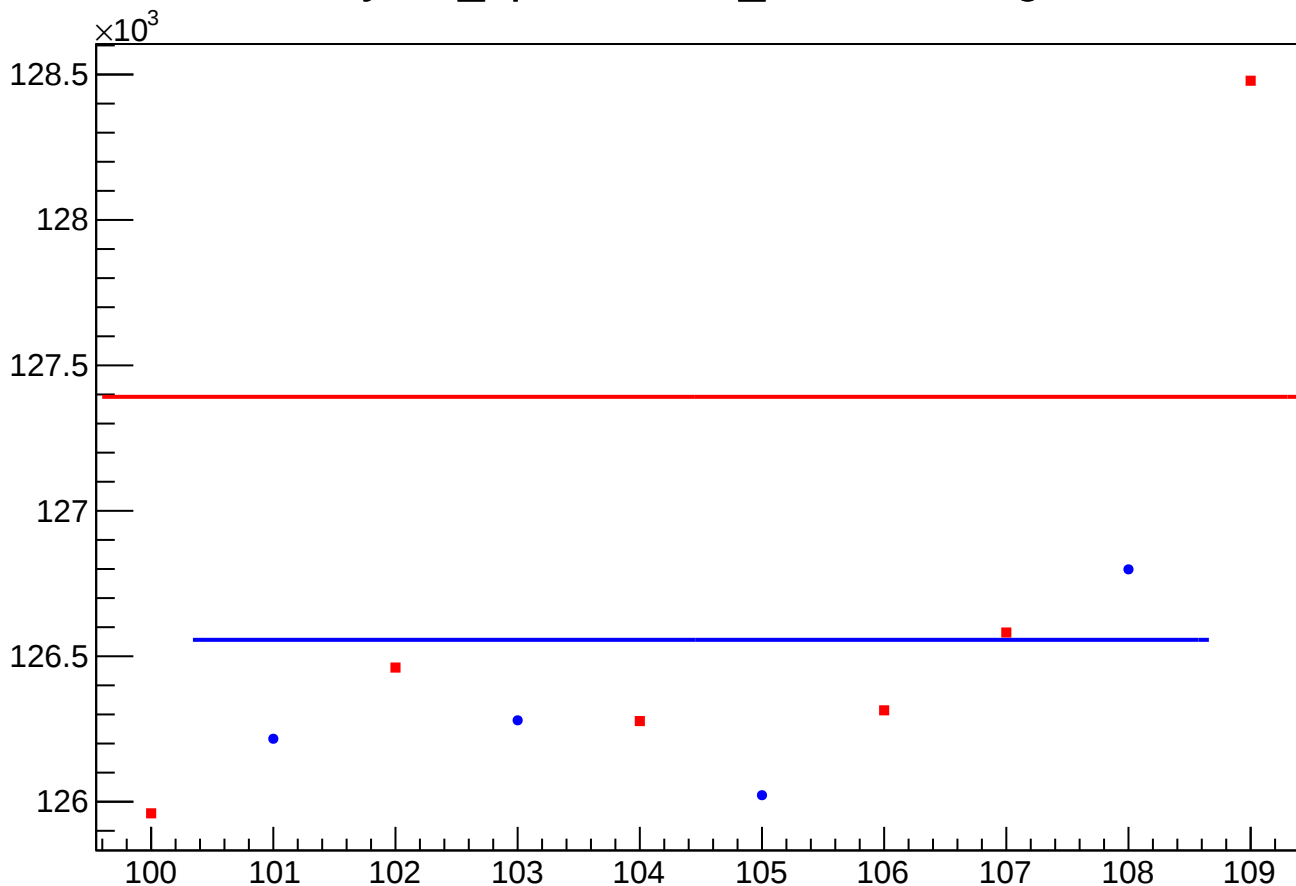
171.502 $\pm$ 0.115 χ^2 /NDF: 855228.9/3

Right Out: 135.141 $\pm$ 0.073 χ^2 /NDF: 1025887.6/5

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

135.141 $\pm$ 0.073 χ^2 /NDF: 1025887.6/5

yield_bpm0l01WS_mean vs slug



Right In: 126556.540 $\pm$ 0.188 χ^2 /NDF: 2152466.6/3

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

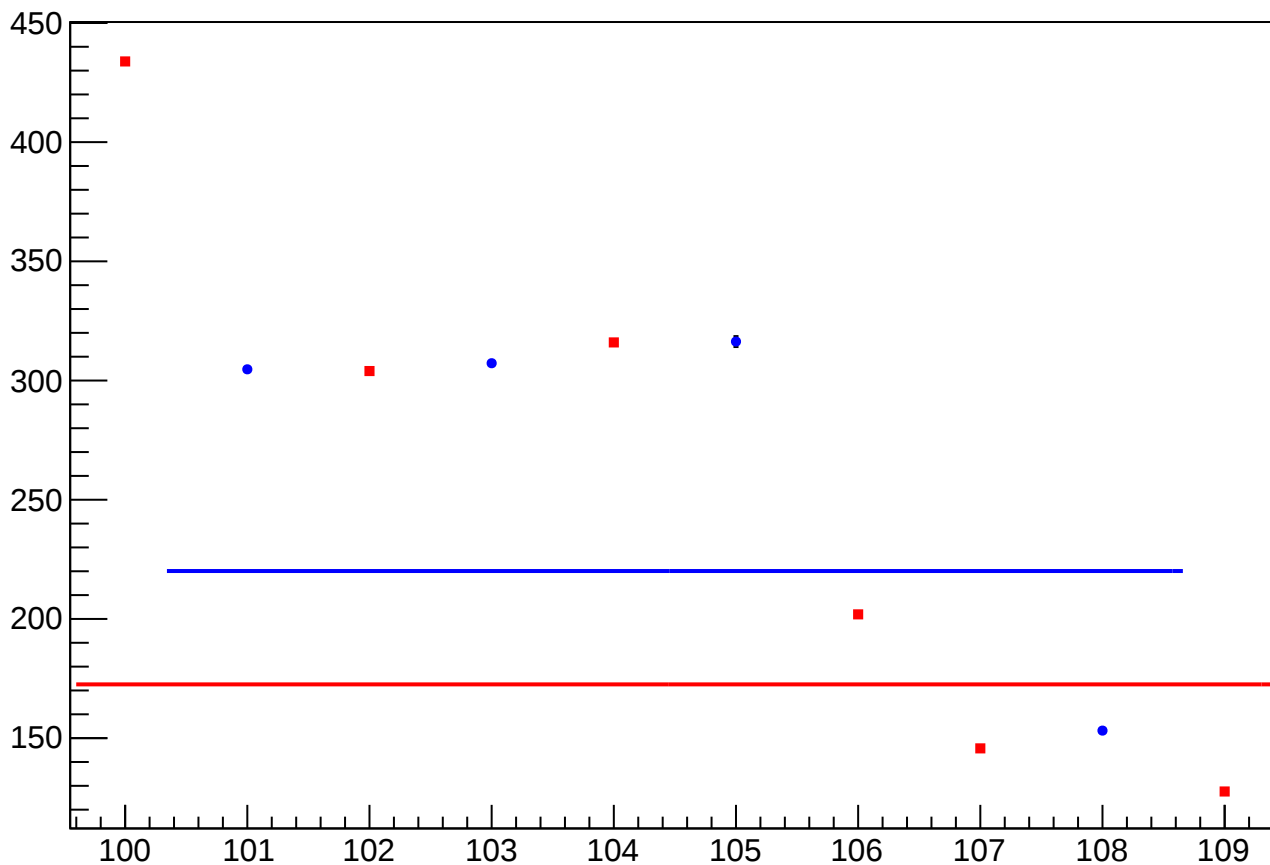
Right Out: 127391.919 $\pm$ 0.125 χ^2 /NDF: 64876178.0/5

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

126556.540 $\pm$ 0.188 χ^2 /NDF: 2152466.6/3

127391.919 $\pm$ 0.125 χ^2 /NDF: 64876178.0/5

yield_bpm0l01WS_rms vs slug



Right In: 220.101 $\pm$ 0.133 χ^2 /NDF: 326090.2/3

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

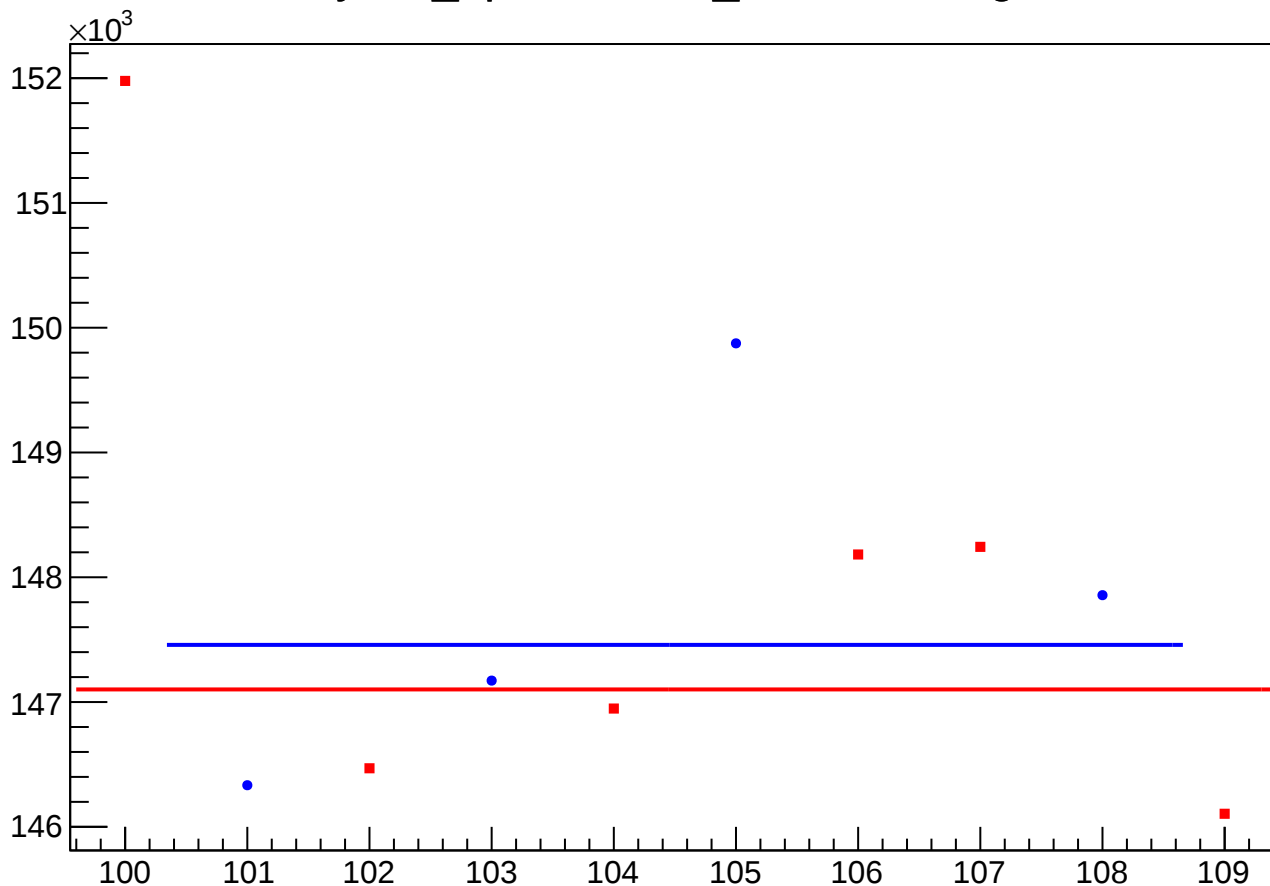
220.101 $\pm$ 0.133 χ^2 /NDF: 326090.2/3

Right Out: 172.552 $\pm$ 0.089 χ^2 /NDF: 610579.4/5

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

172.552 $\pm$ 0.089 χ^2 /NDF: 610579.4/5

yield_bpm0l02WS_mean vs slug



Right In: 147458.089 $\pm$ 0.232 χ^2 /NDF: 6653142.1/3

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

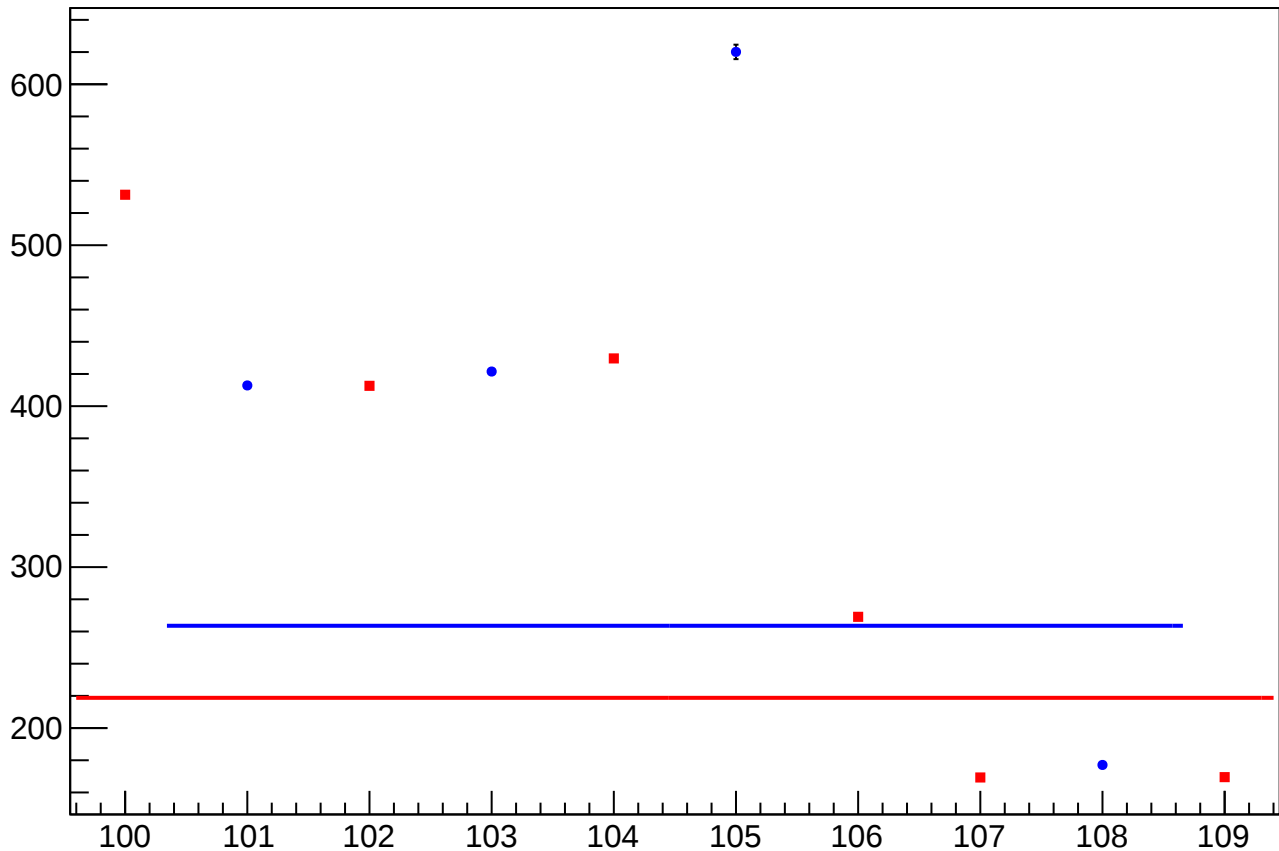
147458.089 $\pm$ 0.232 χ^2 /NDF: 6653142.1/3

Right Out: 147101.046 $\pm$ 0.162 χ^2 /NDF: 43449398.8/5

147101.046 $\pm$ 0.162 χ^2 /NDF: 43449398.8/5

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

yield_bpm0l02WS_rms vs slug



Right In: 263.564 $\pm$ 0.164 χ^2 /NDF: 496454.4/3

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

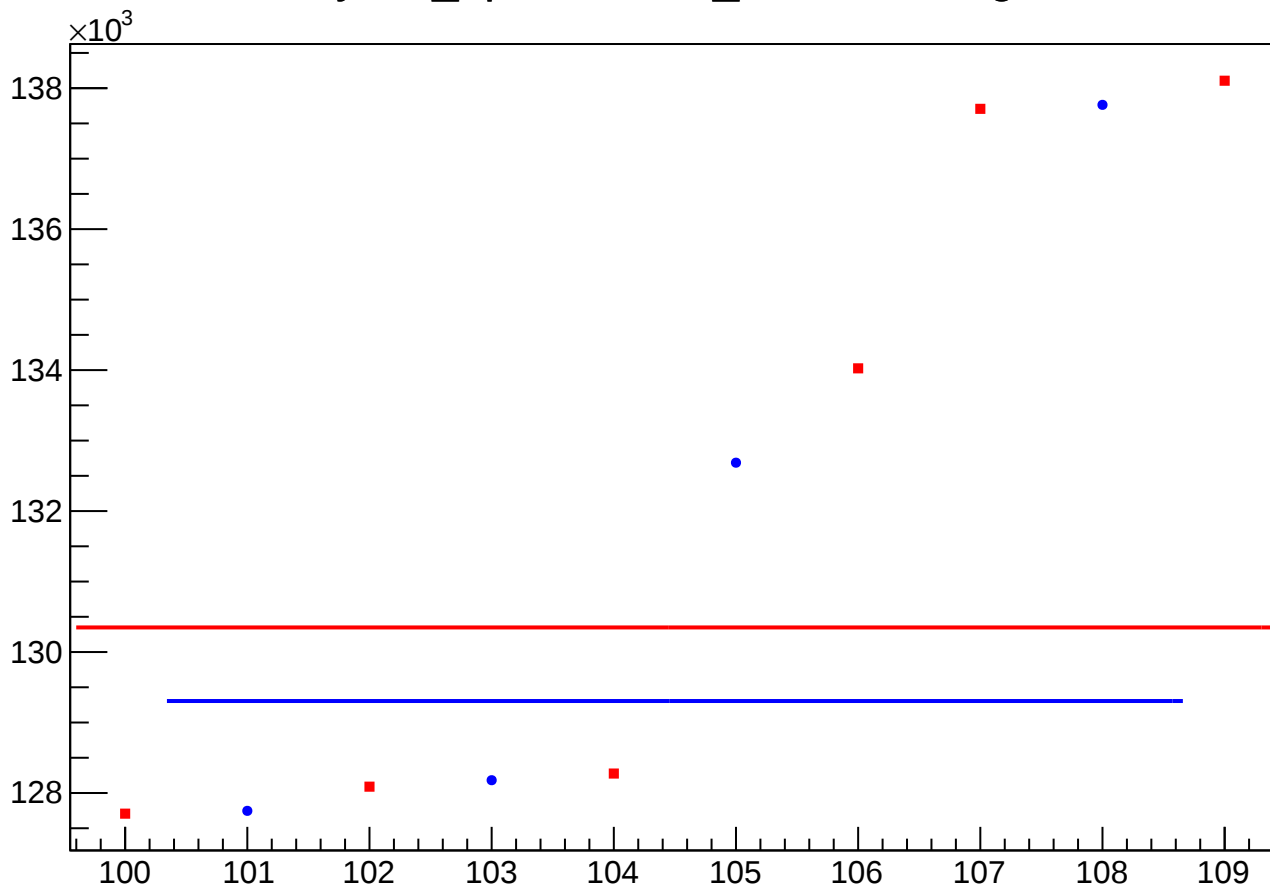
263.564 $\pm$ 0.164 χ^2 /NDF: 496454.4/3

Right Out: 218.794 $\pm$ 0.115 χ^2 /NDF: 682908.9/5

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

218.794 $\pm$ 0.115 χ^2 /NDF: 682908.9/5

yield_bpm0l03WS_mean vs slug



Right In: 129305.134 $\pm$ 0.273 χ^2 /NDF: 153453868.6/3

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

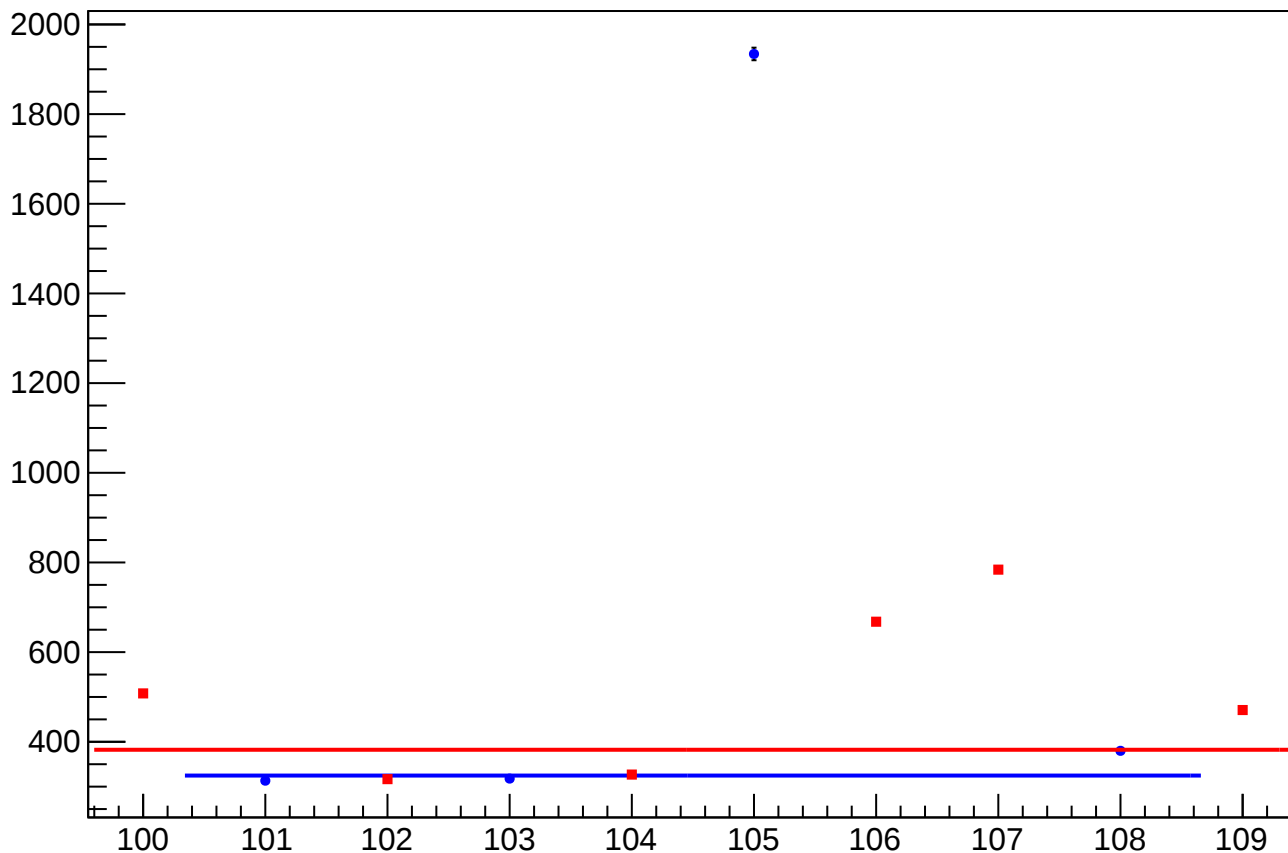
129305.134 $\pm$ 0.273 χ^2 /NDF: 153453868.6/3

Right Out: 130348.969 $\pm$ 0.272 χ^2 /NDF: 212171452.8/5

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

130348.969 $\pm$ 0.272 χ^2 /NDF: 212171452.8/5

yield_bpm0l03WS_rms vs slug



Right In: 324.698+/-0.193 χ^2/NDF : 26474.7/3

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

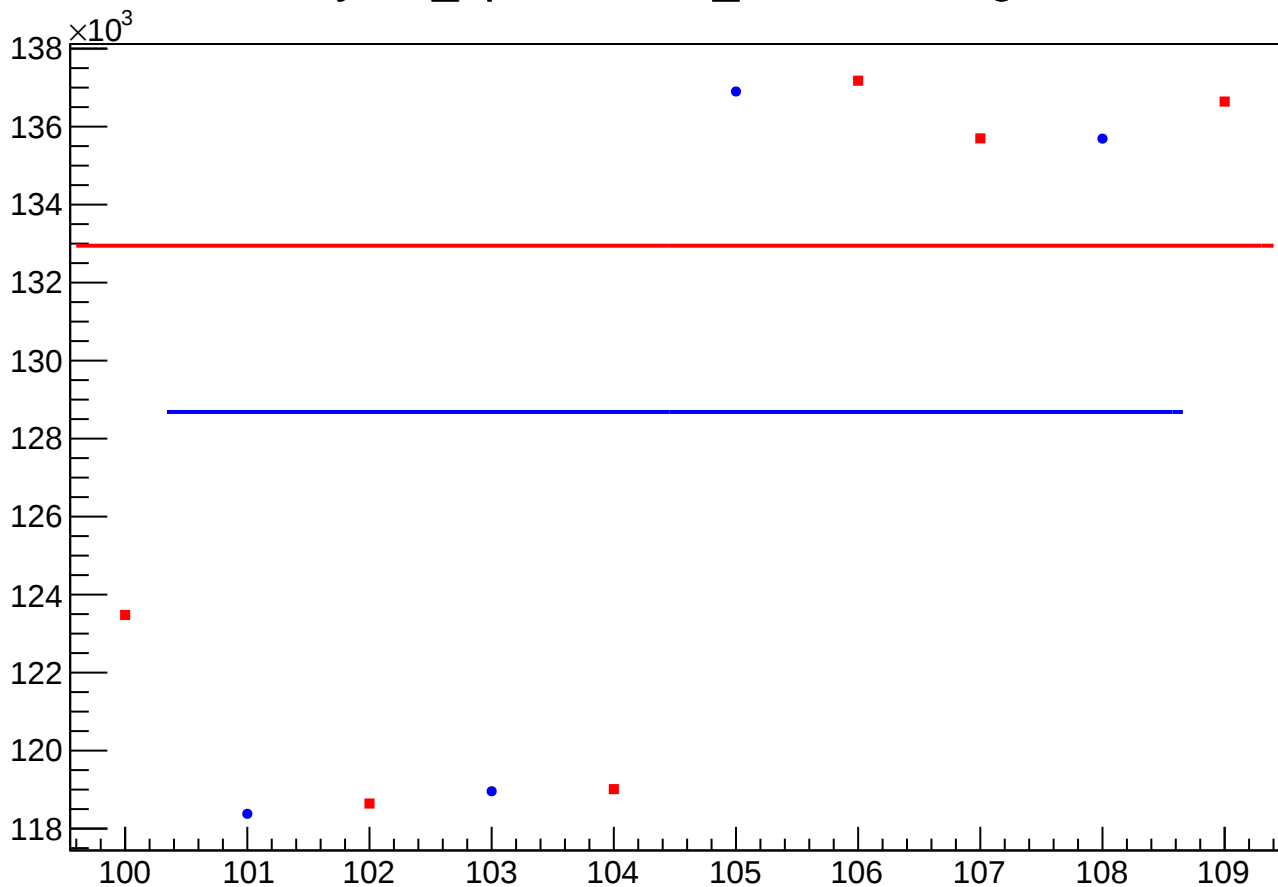
Right Out: 382.232+/-0.192 χ^2/NDF : 386811.0/5

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

324.698+/-0.193 χ^2/NDF : 26474.7/3

382.232+/-0.192 χ^2/NDF : 386811.0/5

yield_bpm0l04WS_mean vs slug



Right In: 128682.896 $\pm$ 0.200 χ^2 /NDF: 1764574522.3/3

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

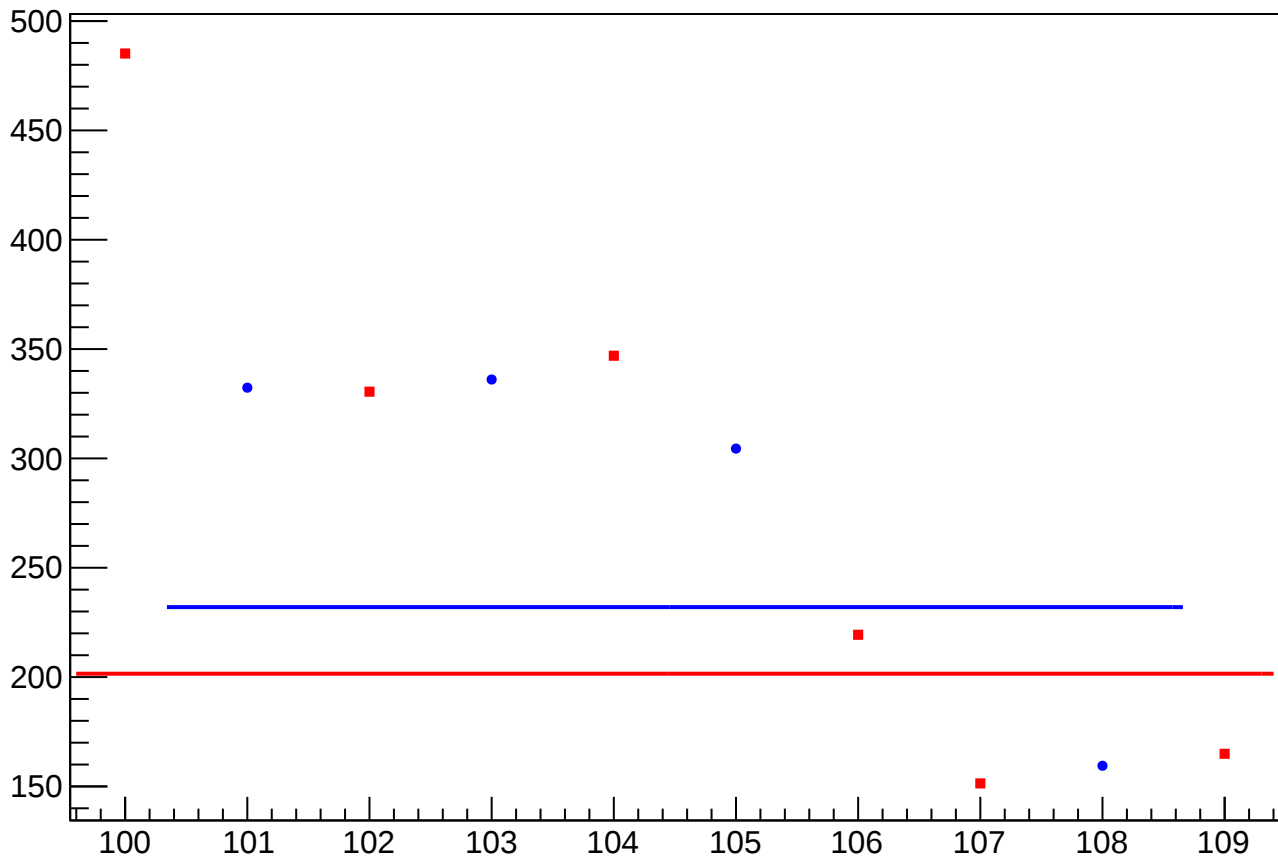
128682.896 $\pm$ 0.200 χ^2 /NDF: 1764574522.3/3

Right Out: 132946.589 $\pm$ 0.144 χ^2 /NDF: 2299743872.6/5

132946.589 $\pm$ 0.144 χ^2 /NDF: 2299743872.6/5

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

yield_bpm0l04WS_rms vs slug



Right In: 231.994 $\pm$ 0.141 χ^2 /NDF: 370817.0/3

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

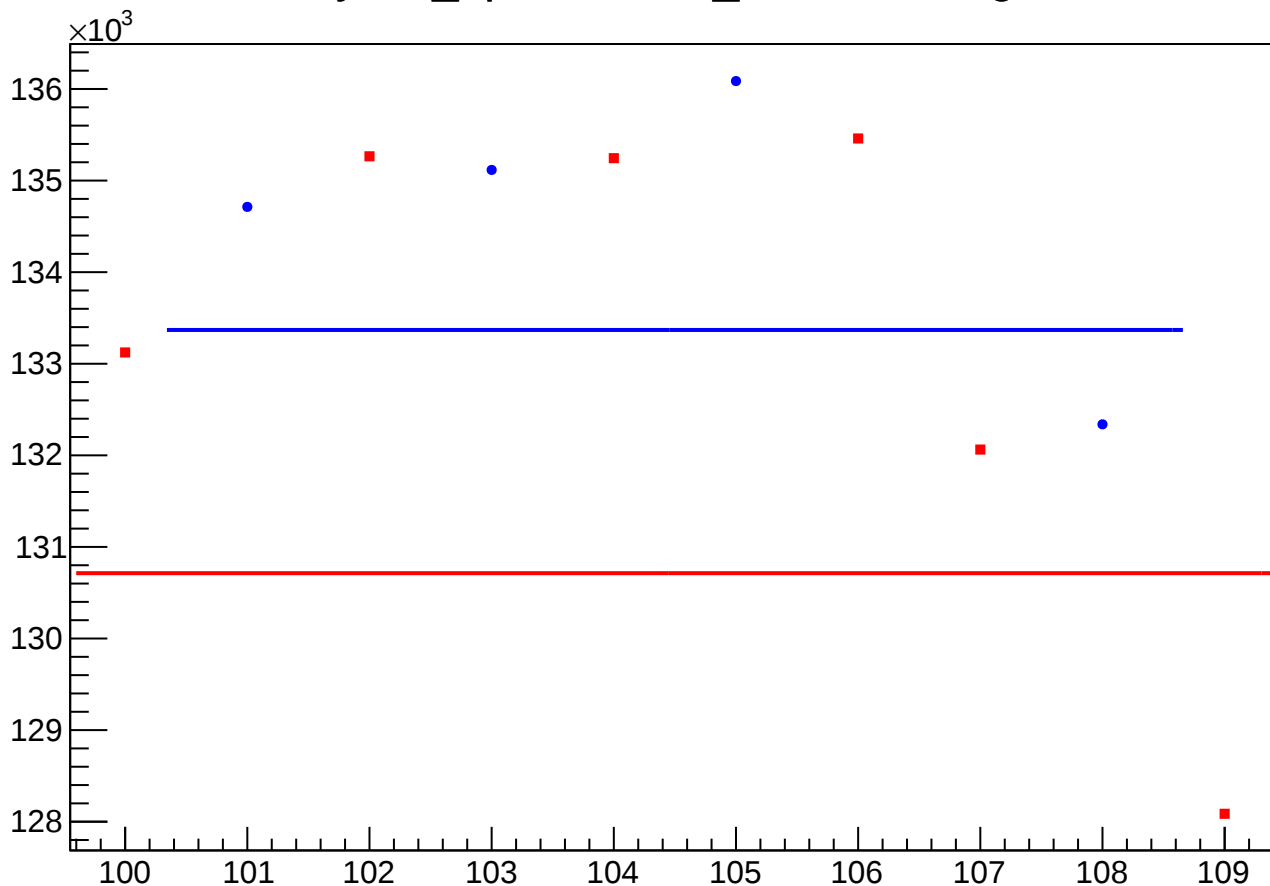
231.994 $\pm$ 0.141 χ^2 /NDF: 370817.0/3

Right Out: 201.543 $\pm$ 0.102 χ^2 /NDF: 515567.1/5

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

201.543 $\pm$ 0.102 χ^2 /NDF: 515567.1/5

yield_bpm0l05WS_mean vs slug



Right In: 133368.977 $\pm$ 0.214 χ^2 /NDF: 35257827.2/3

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

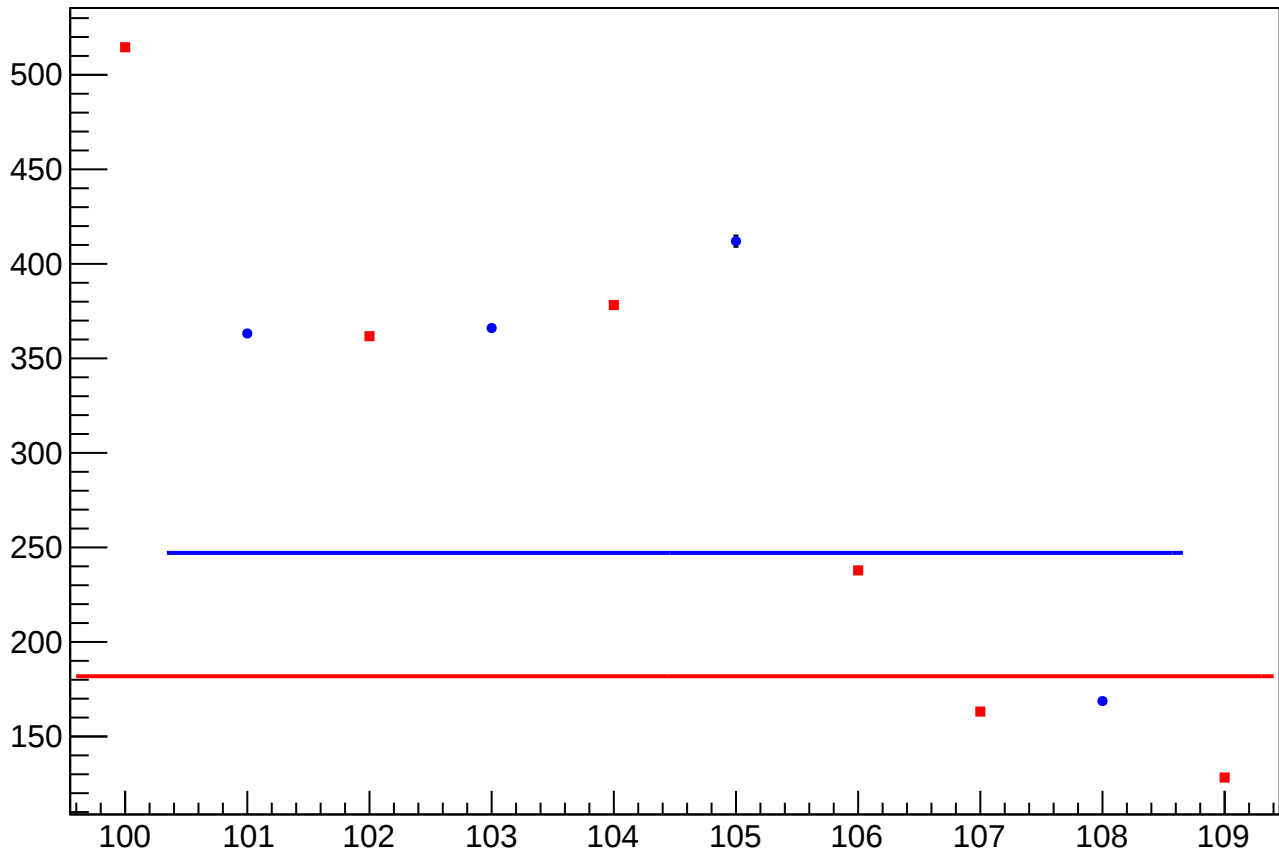
Right Out: 130713.514 $\pm$ 0.136 χ^2 /NDF: 477571253.6/5

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

133368.977 $\pm$ 0.214 χ^2 /NDF: 35257827.2/3

130713.514 $\pm$ 0.136 χ^2 /NDF: 477571253.6/5

yield_bpm0l05WS_rms vs slug



Right In: 247.120 $\pm$ 0.151 χ^2 /NDF: 403608.9/3

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

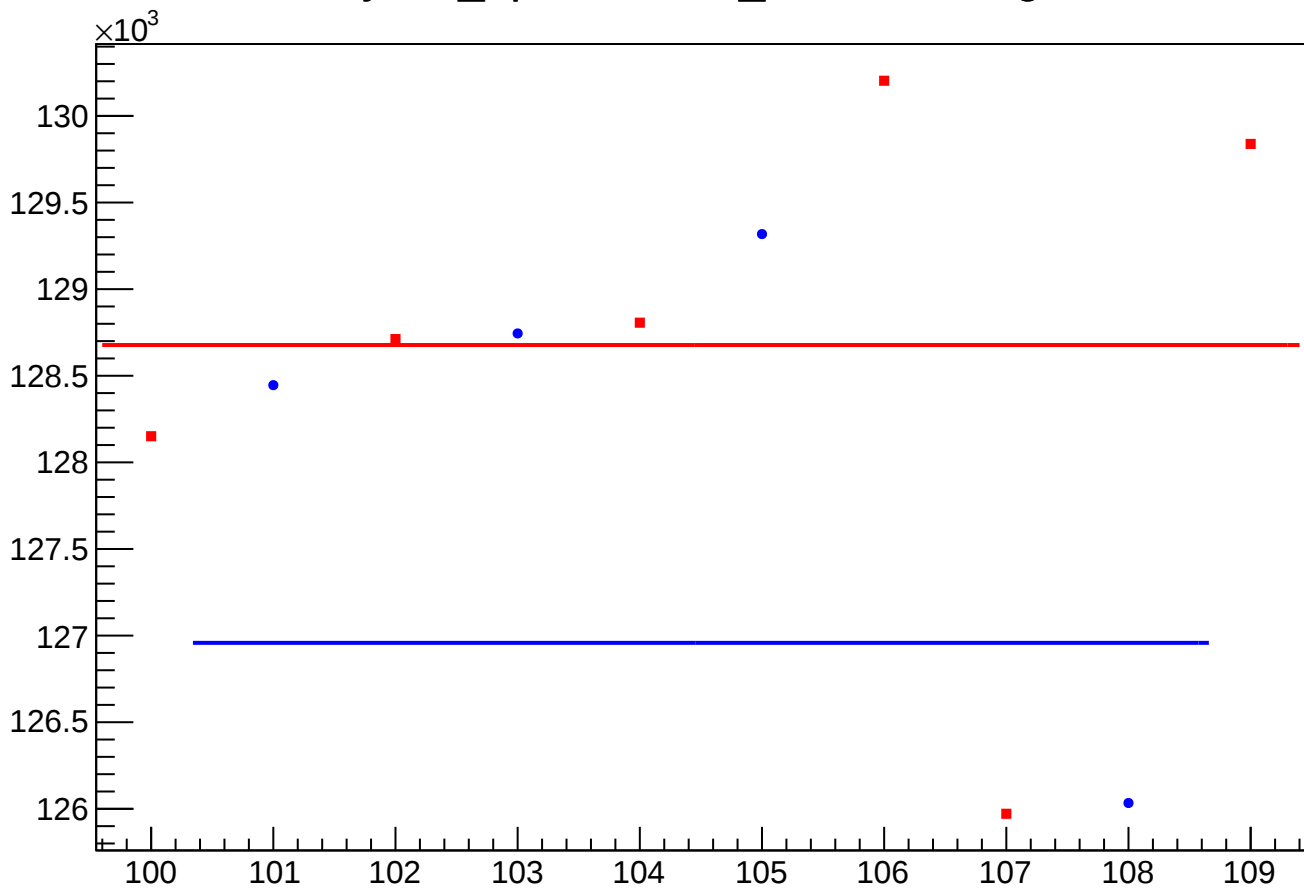
247.120 $\pm$ 0.151 χ^2 /NDF: 403608.9/3

Right Out: 181.855 $\pm$ 0.096 χ^2 /NDF: 792880.8/5

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

181.855 $\pm$ 0.096 χ^2 /NDF: 792880.8/5

yield_bpm0l06WS_mean vs slug



Right In: 126958.192 $\pm$ 0.195 χ^2 /NDF: 40305032.3/3

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

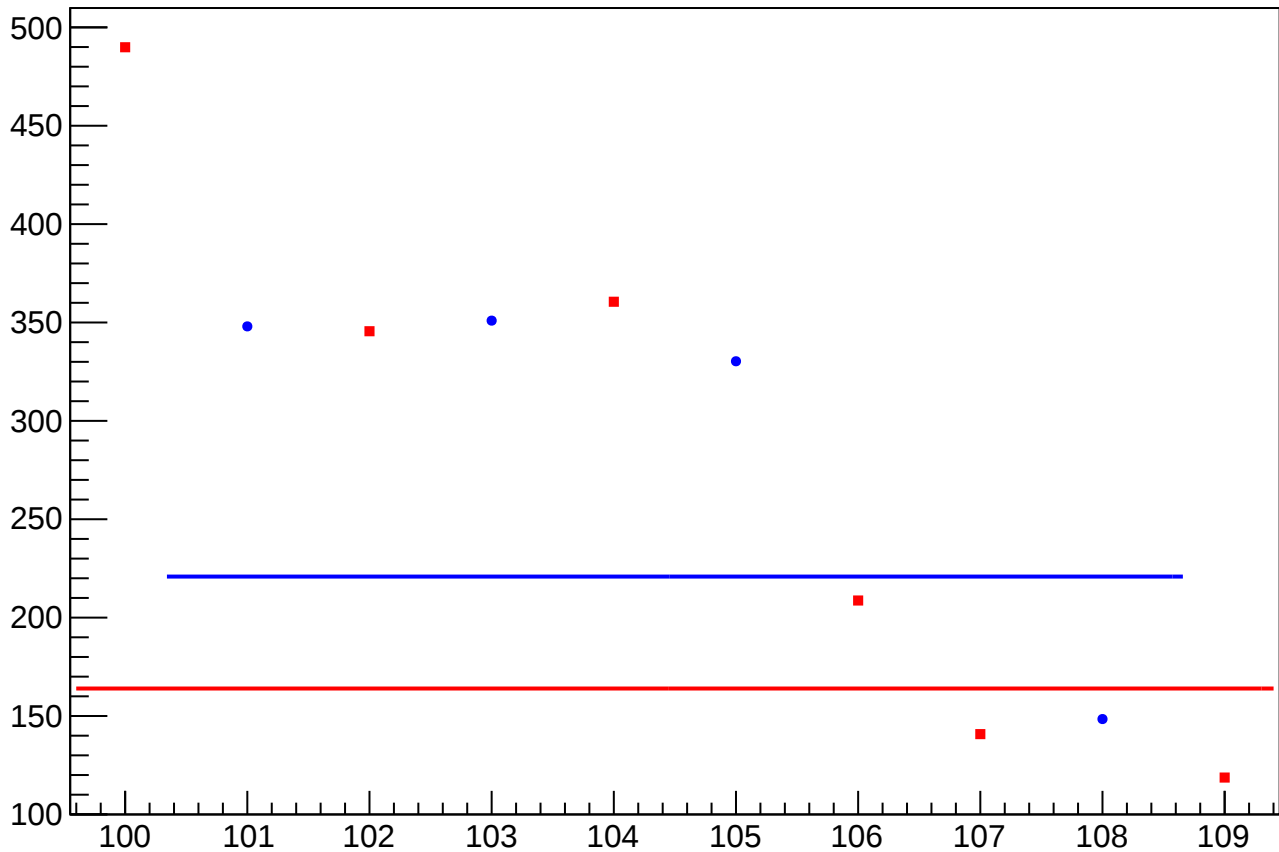
126958.192 $\pm$ 0.195 χ^2 /NDF: 40305032.3/3

Right Out: 128677.380 $\pm$ 0.123 χ^2 /NDF: 190161368.4/5

128677.380 $\pm$ 0.123 χ^2 /NDF: 190161368.4/5

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

yield_bpm0l06WS_rms vs slug



Right In: 220.866 $\pm$ 0.138 χ^2 /NDF: 491467.1/3

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

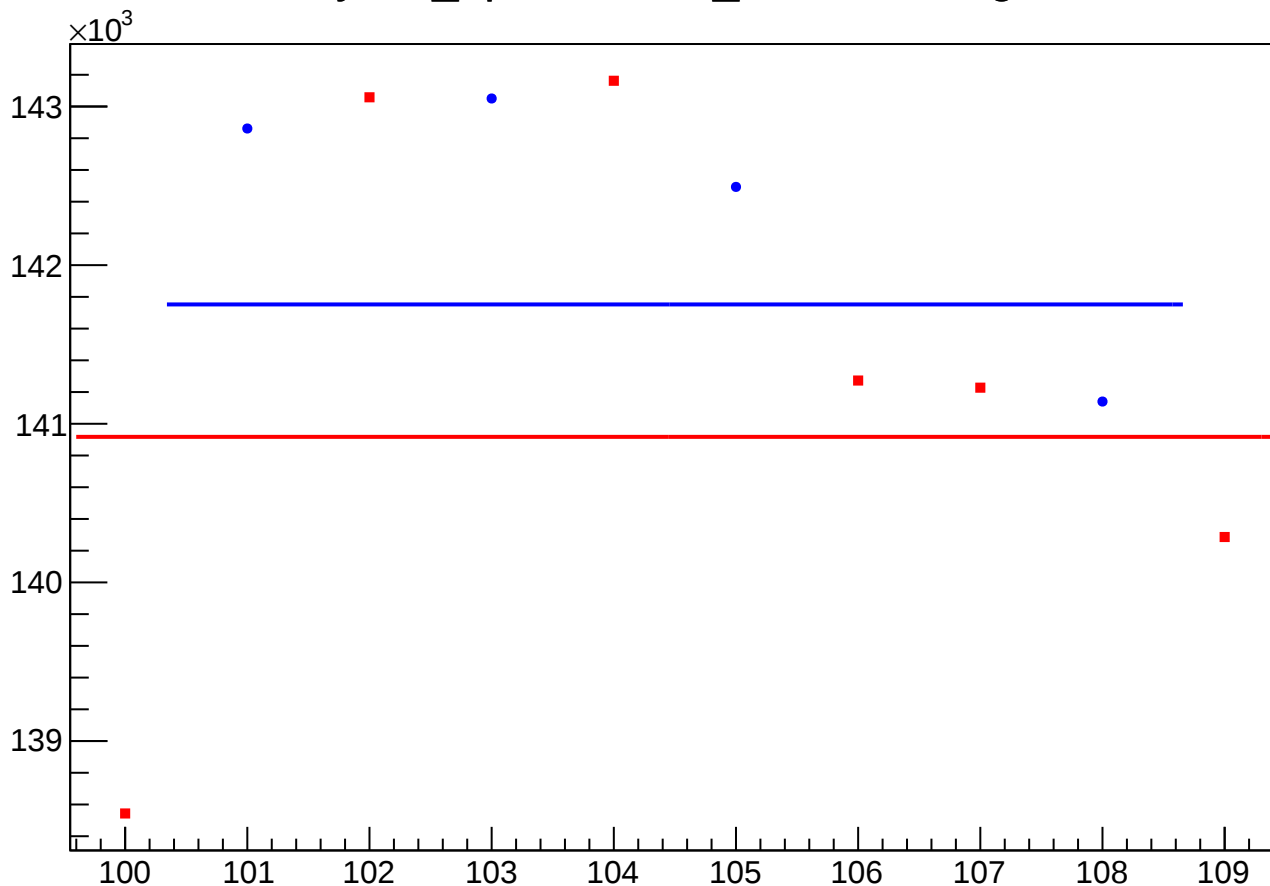
220.866 $\pm$ 0.138 χ^2 /NDF: 491467.1/3

Right Out: 163.968 $\pm$ 0.087 χ^2 /NDF: 836014.3/5

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

163.968 $\pm$ 0.087 χ^2 /NDF: 836014.3/5

yield_bpm0l07WS_mean vs slug



Right In: 141752.316 $\pm$ 0.215 χ^2 /NDF: 15838585.7/3

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

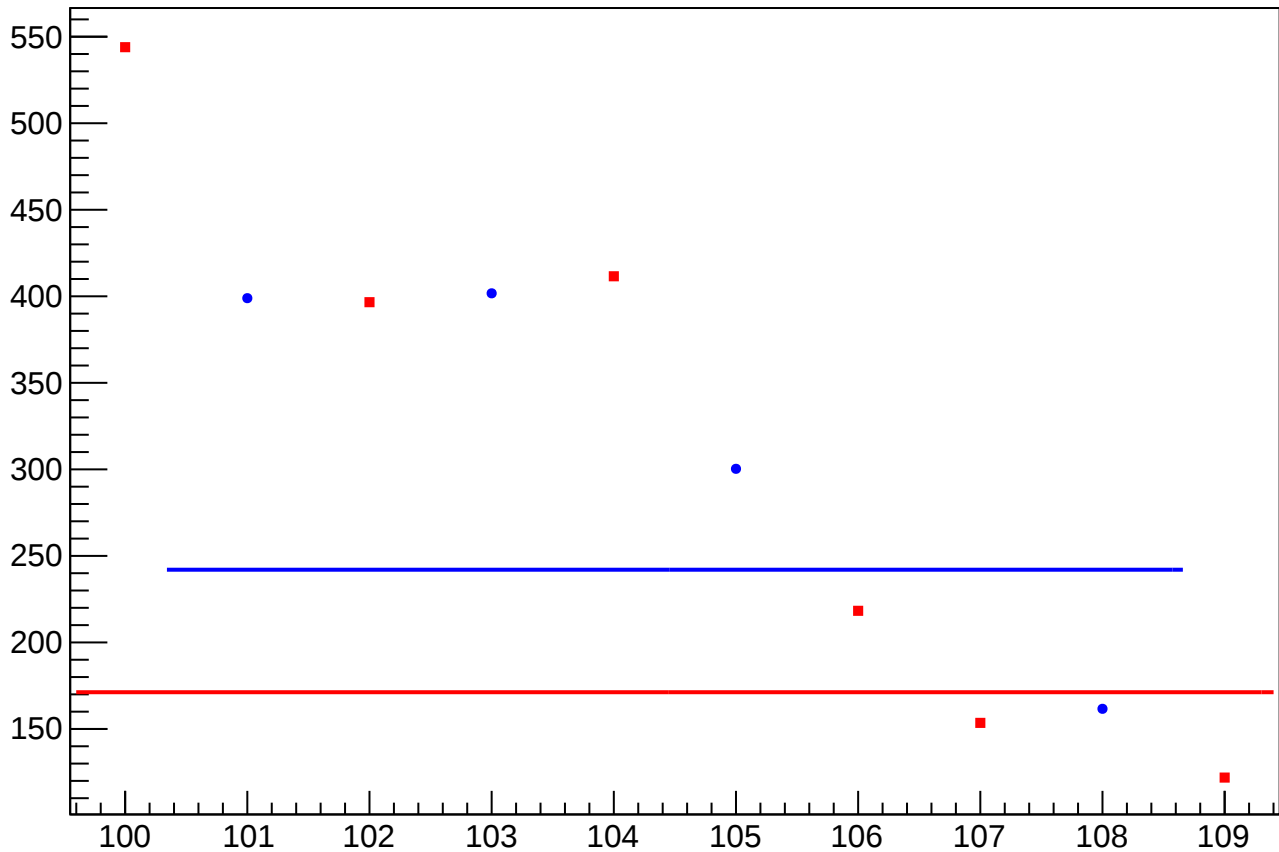
Right Out: 140917.559 $\pm$ 0.130 χ^2 /NDF: 46686428.9/5

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

141752.316 $\pm$ 0.215 χ^2 /NDF: 15838585.7/3

140917.559 $\pm$ 0.130 χ^2 /NDF: 46686428.9/5

yield_bpm0l07WS_rms vs slug



Right In: 242.018 $\pm$ 0.152 χ^2 /NDF: 545154.6/3

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

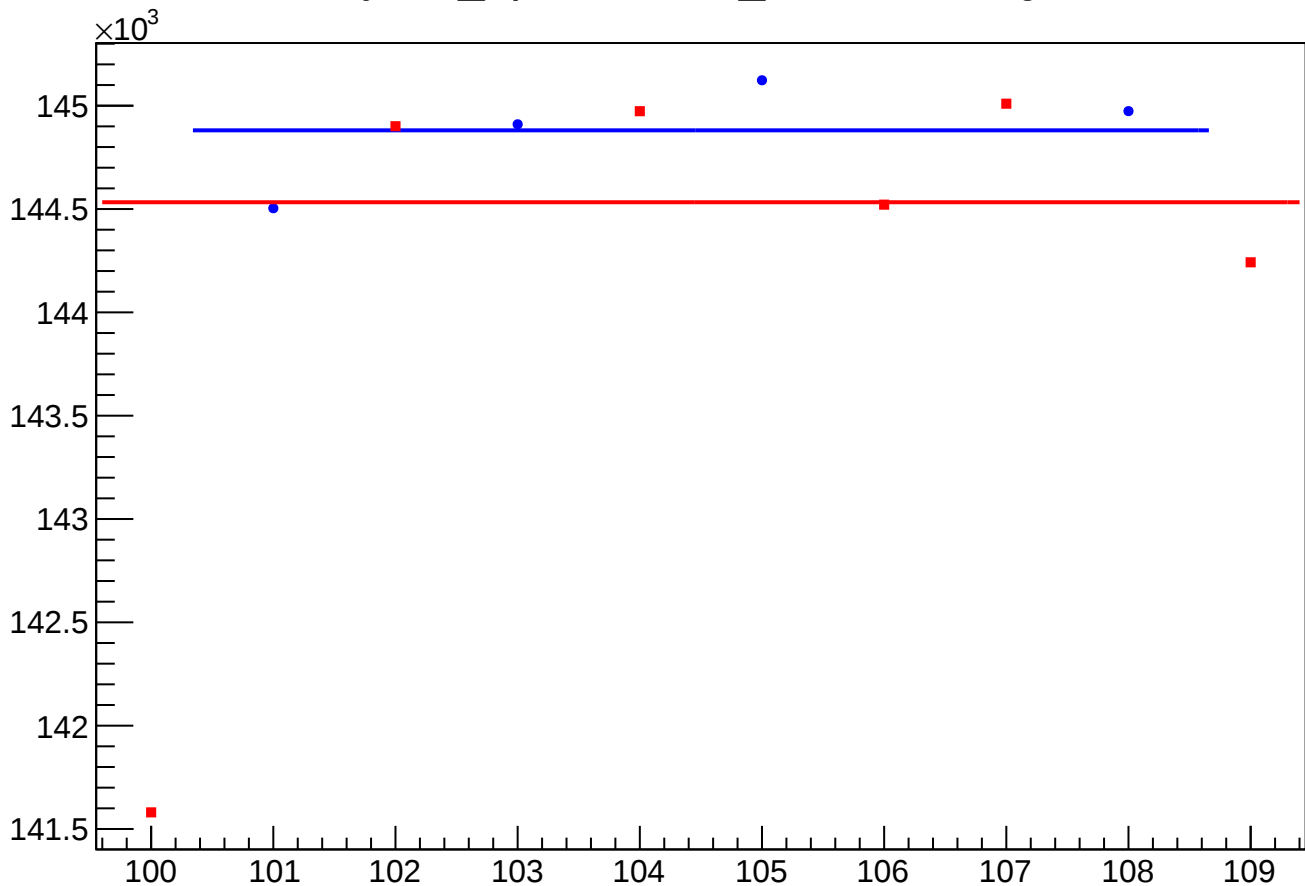
242.018 $\pm$ 0.152 χ^2 /NDF: 545154.6/3

Right Out: 171.235 $\pm$ 0.092 χ^2 /NDF: 942714.1/5

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

171.235 $\pm$ 0.092 χ^2 /NDF: 942714.1/5

yield_bpm0l08WS_mean vs slug



Right In: 144880.823 $\pm$ 0.216 χ^2 /NDF: 670144.0/3

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

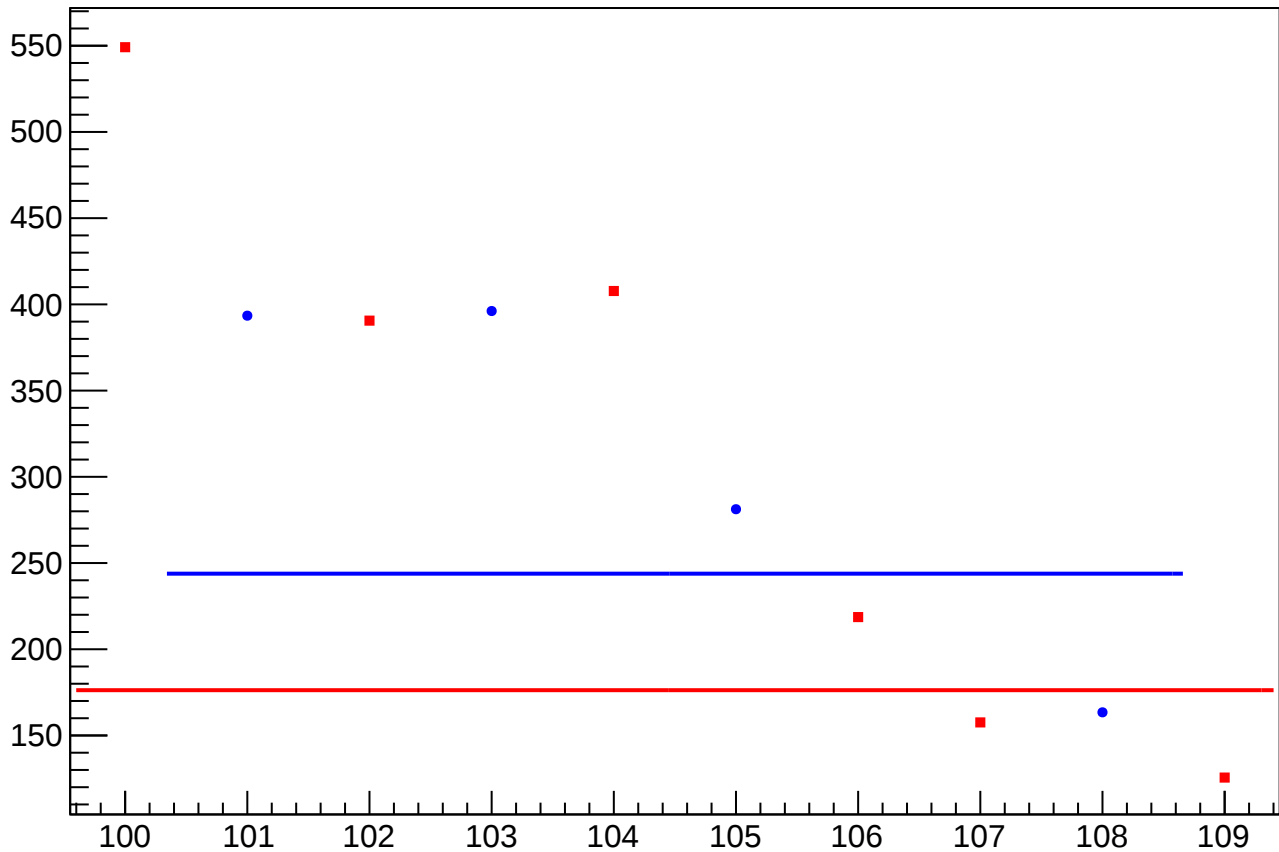
144880.823 $\pm$ 0.216 χ^2 /NDF: 670144.0/3

Right Out: 144532.897 $\pm$ 0.133 χ^2 /NDF: 8861897.8/5

144532.897 $\pm$ 0.133 χ^2 /NDF: 8861897.8/5

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

yield_bpm0l08WS_rms vs slug



Right In: 243.833+/-0.153 χ^2/NDF : 517728.5/3

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

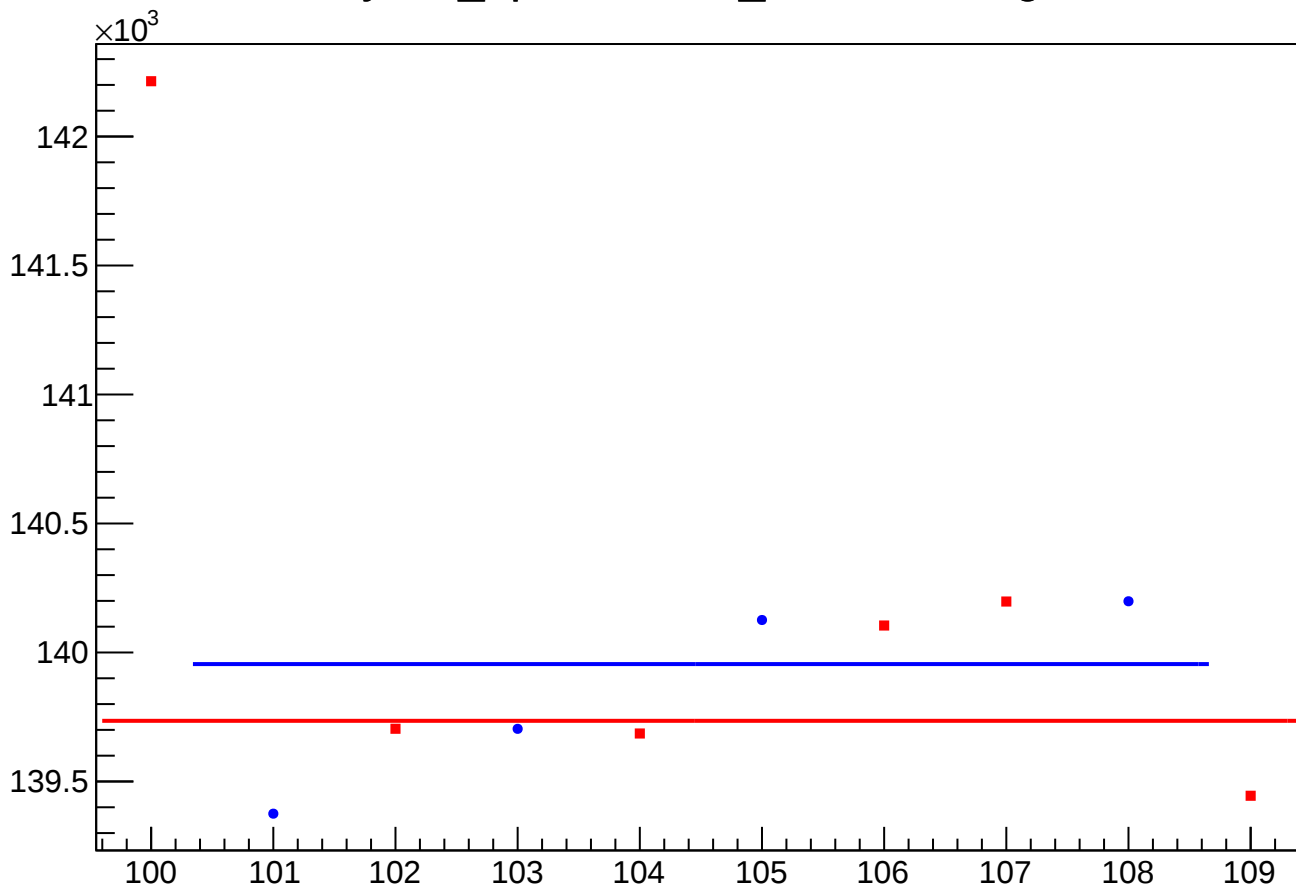
243.833+/-0.153 χ^2/NDF : 517728.5/3

Right Out: 176.260+/-0.094 χ^2/NDF : 894410.8/5

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

176.260+/-0.094 χ^2/NDF : 894410.8/5

yield_bpm0l09WS_mean vs slug



Right In: 139955.039 $\pm$ 0.221 χ^2 /NDF: 2286340.7/3

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

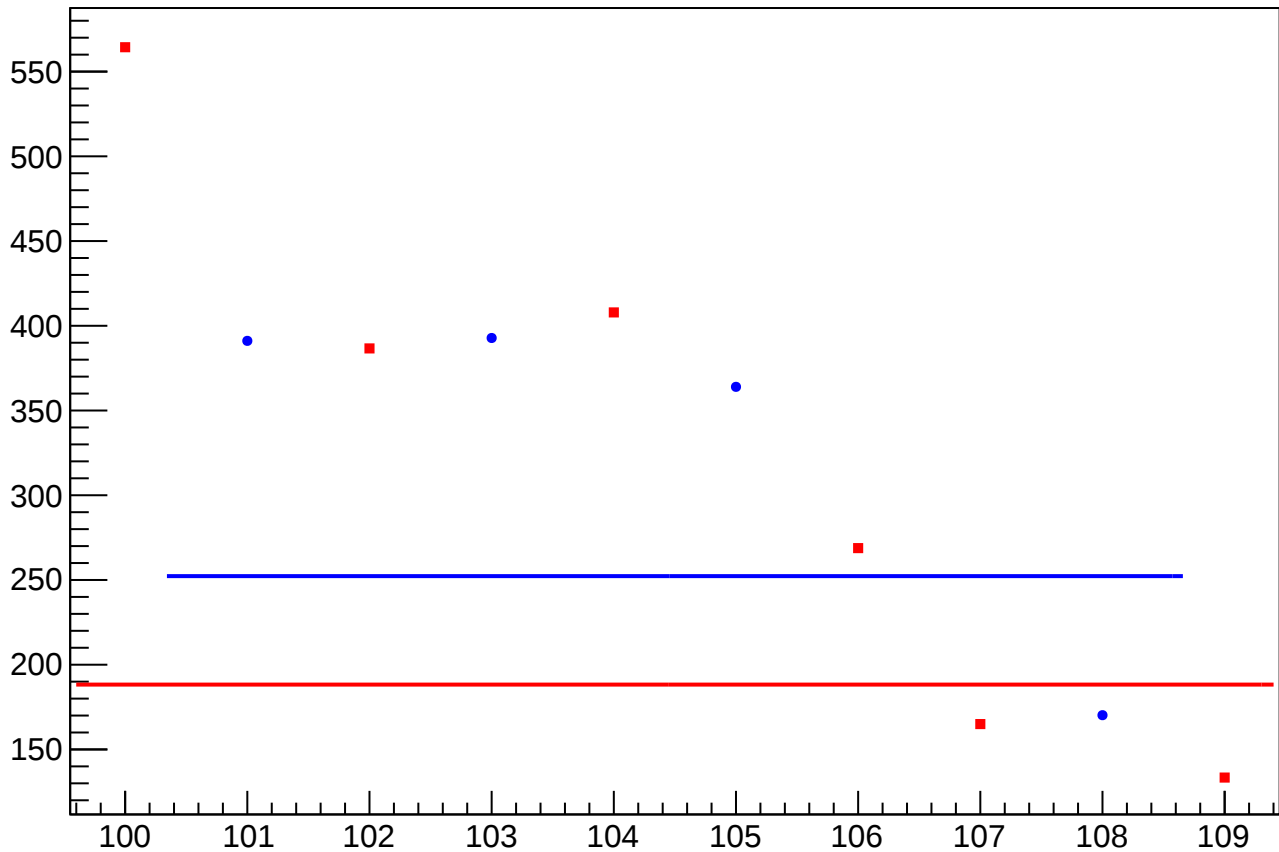
139955.039 $\pm$ 0.221 χ^2 /NDF: 2286340.7/3

Right Out: 139735.112 $\pm$ 0.141 χ^2 /NDF: 6888200.5/5

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

139735.112 $\pm$ 0.141 χ^2 /NDF: 6888200.5/5

yield_bpm0l09WS_rms vs slug



Right In: 252.273+/-0.156 χ^2/NDF : 467725.6/3

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

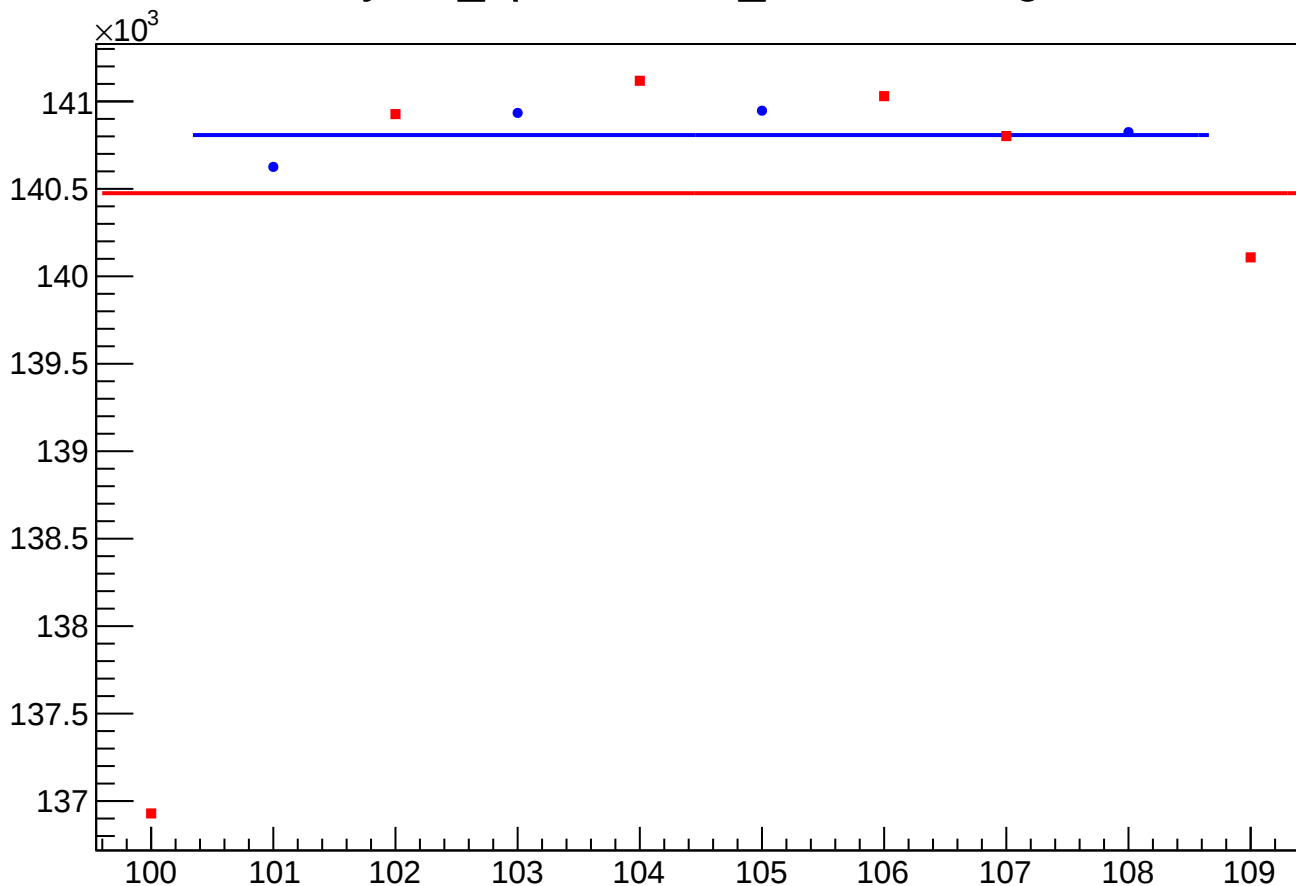
252.273+/-0.156 χ^2/NDF : 467725.6/3

Right Out: 188.267+/-0.100 χ^2/NDF : 856033.6/5

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

188.267+/-0.100 χ^2/NDF : 856033.6/5

yield_bpm0l10WS_mean vs slug



Right In: 140807.573 $\pm$ 0.219 χ^2 /NDF: 190452.7/3

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

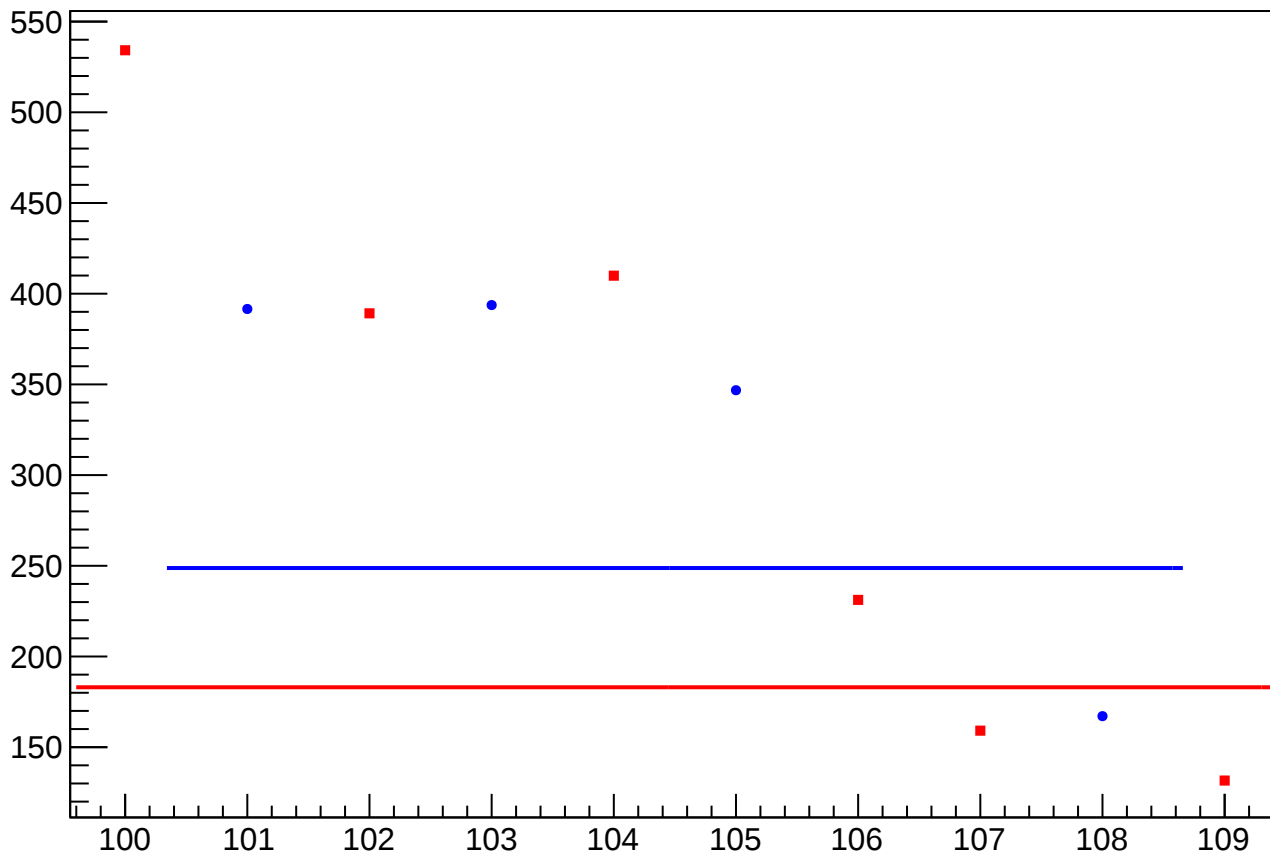
Right Out: 140475.232 $\pm$ 0.138 χ^2 /NDF: 11681805.5/5

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

140807.573 $\pm$ 0.219 χ^2 /NDF: 190452.7/3

140475.232 $\pm$ 0.138 χ^2 /NDF: 11681805.5/5

yield_bpm0l10WS_rms vs slug



Right In: 248.774+/-0.155 χ^2/NDF : 487884.3/3

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

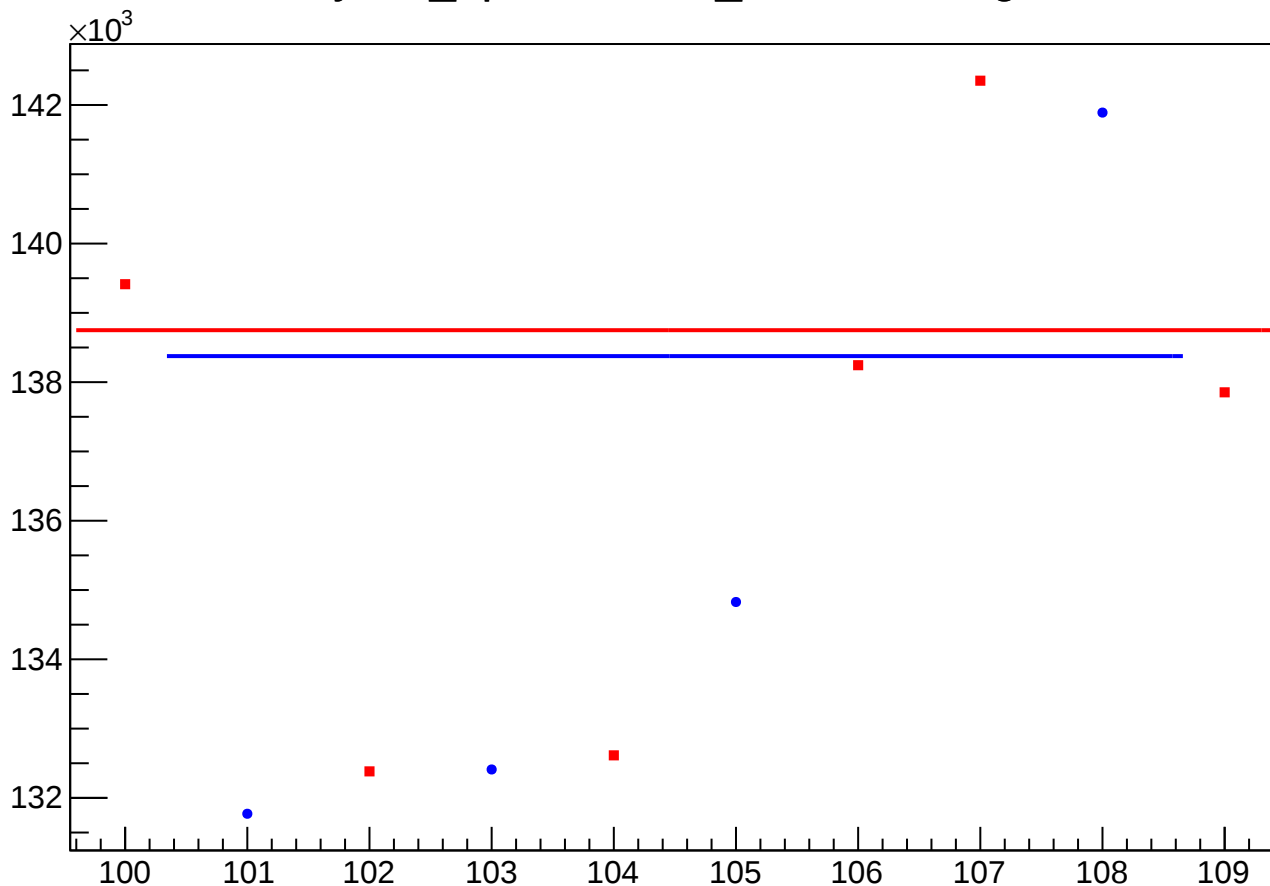
248.774+/-0.155 χ^2/NDF : 487884.3/3

Right Out: 183.037+/-0.097 χ^2/NDF : 848942.0/5

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

183.037+/-0.097 χ^2/NDF : 848942.0/5

yield_bpm0r03WS_mean vs slug



Right In: 138375.960 $\pm$ 0.259 χ^2 /NDF: 328142612.0/3

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

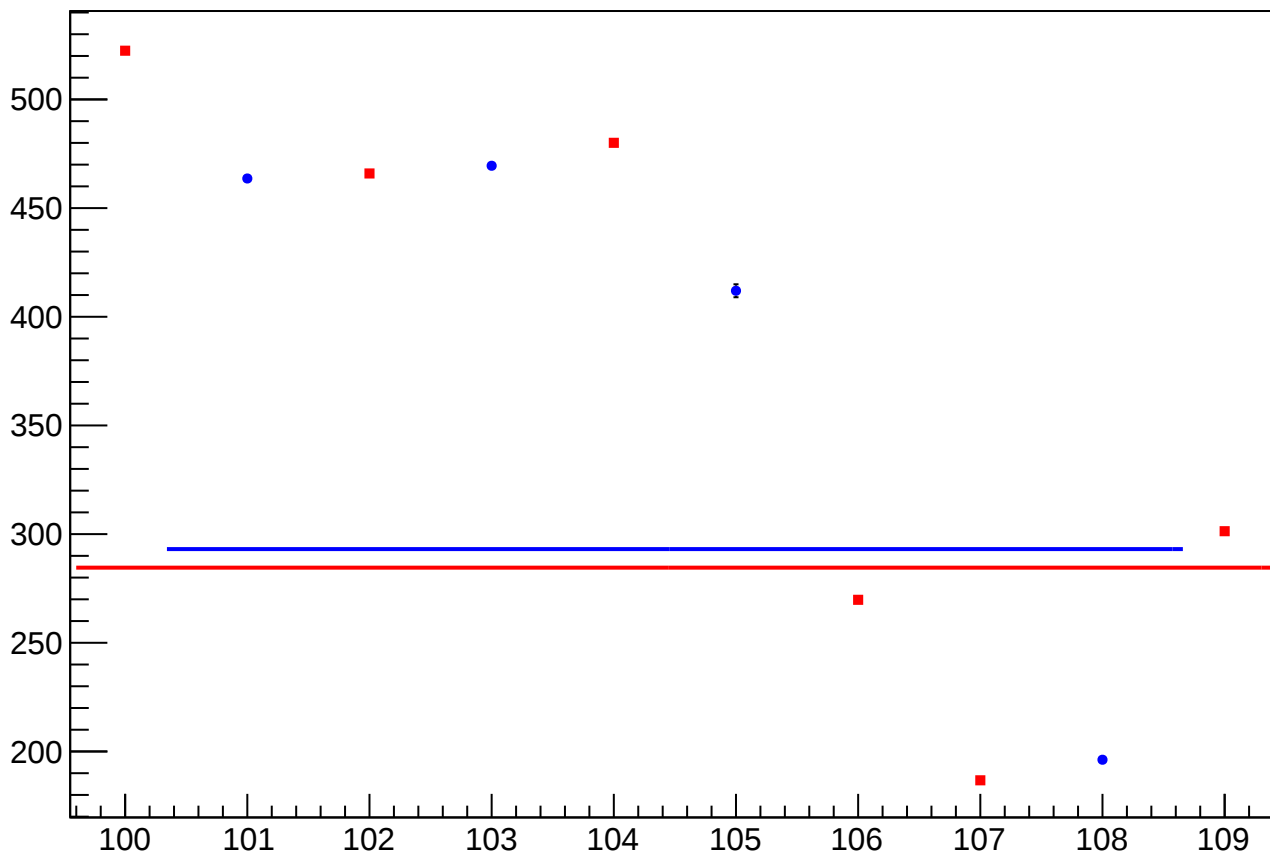
138375.960 $\pm$ 0.259 χ^2 /NDF: 328142612.0/3

Right Out: 138749.944 $\pm$ 0.206 χ^2 /NDF: 312160272.9/5

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

138749.944 $\pm$ 0.206 χ^2 /NDF: 312160272.9/5

yield_bpm0r03WS_rms vs slug



Right In: 293.111 $\pm$ 0.183 χ^2 /NDF: 498033.0/3

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

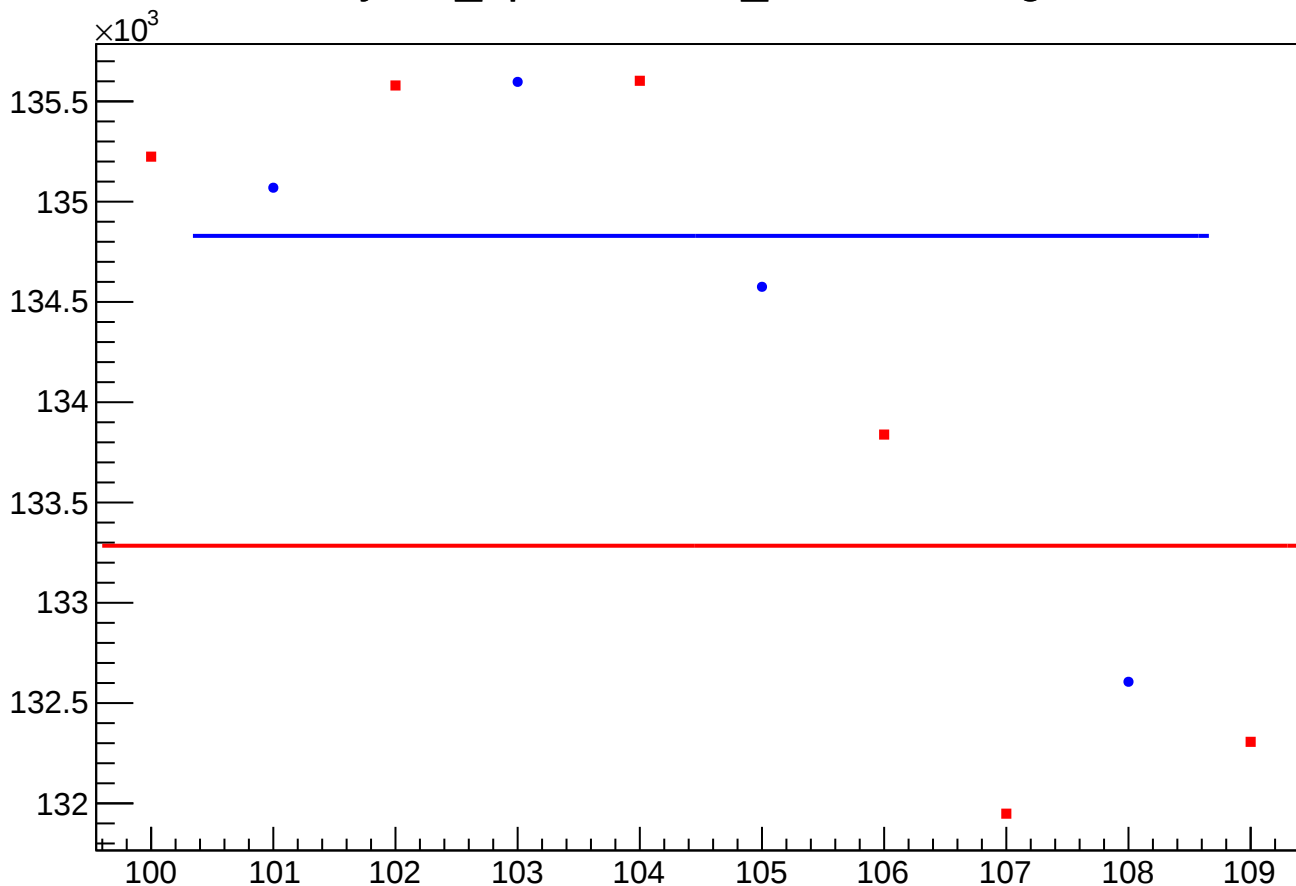
293.111 $\pm$ 0.183 χ^2 /NDF: 498033.0/3

Right Out: 284.572 $\pm$ 0.145 χ^2 /NDF: 544747.9/5

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

284.572 $\pm$ 0.145 χ^2 /NDF: 544747.9/5

yield_bpm0r05WS_mean vs slug



Right In: 134829.419 $\pm$ 0.312 χ^2 /NDF: 11850280.2/3

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

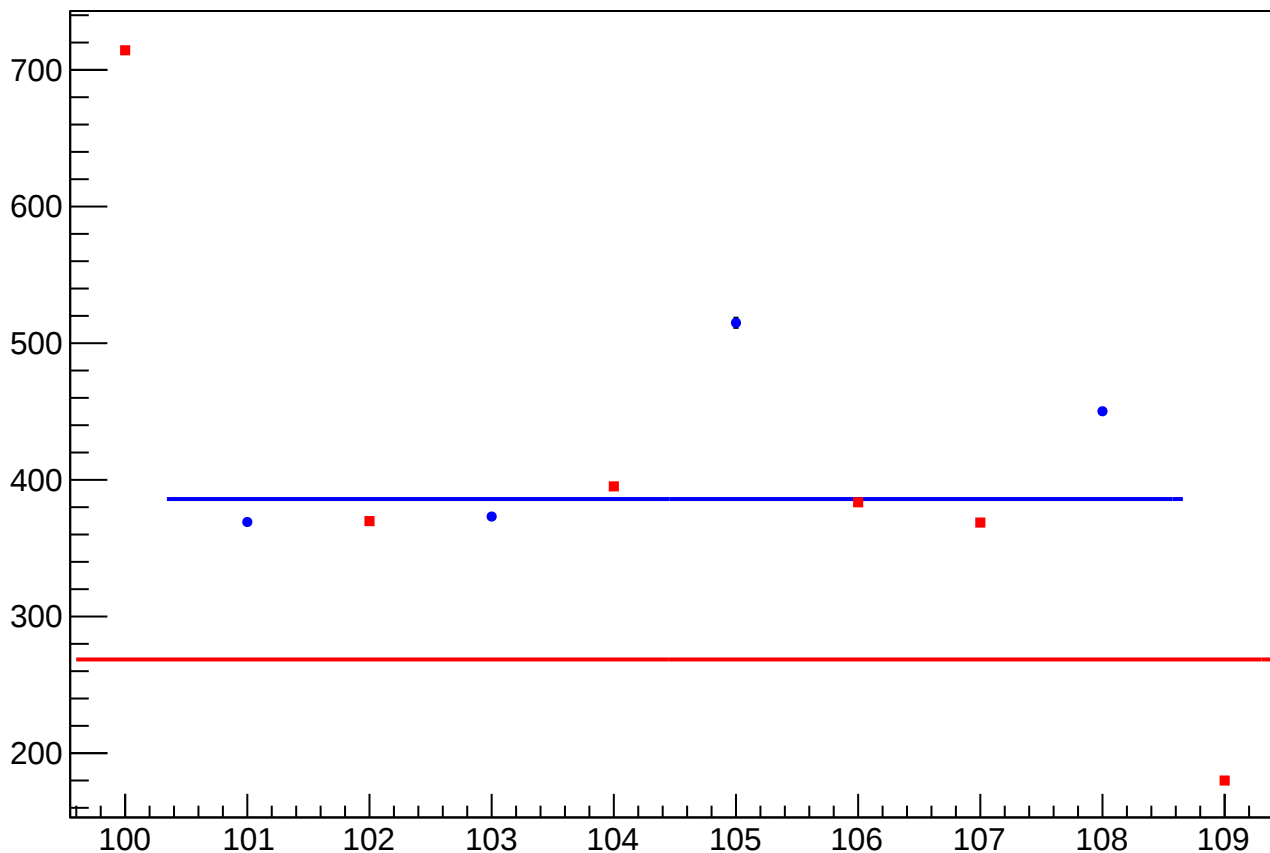
Right Out: 133284.554 $\pm$ 0.197 χ^2 /NDF: 56923545.7/5

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

134829.419 $\pm$ 0.312 χ^2 /NDF: 11850280.2/3

133284.554 $\pm$ 0.197 χ^2 /NDF: 56923545.7/5

yield_bpm0r05WS_rms vs slug



Right In: 385.965+/-0.221 χ^2/NDF : 20324.5/3

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

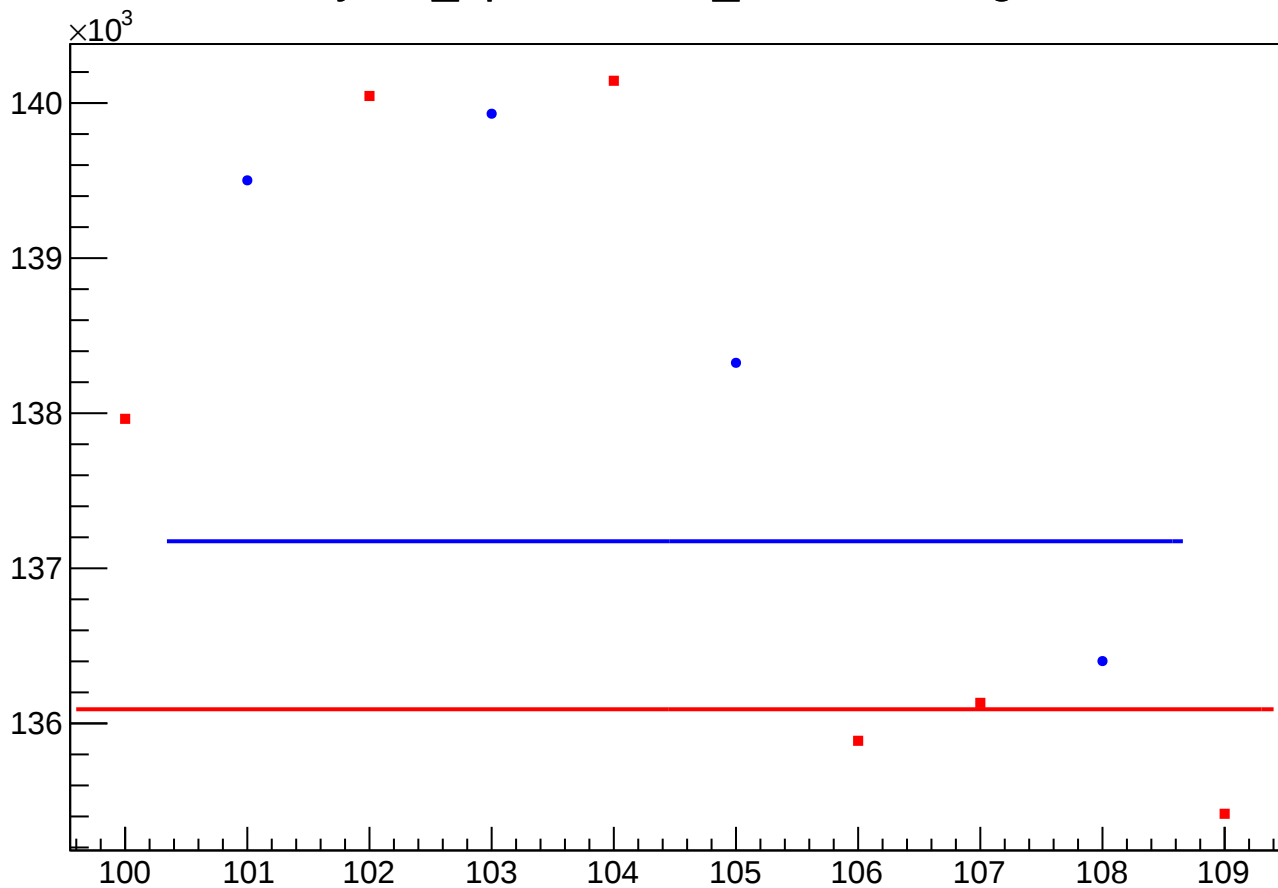
Right Out: 268.569+/-0.139 χ^2/NDF : 557061.7/5

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

385.965+/-0.221 χ^2/NDF : 20324.5/3

268.569+/-0.139 χ^2/NDF : 557061.7/5

yield_bpm0i02WS_mean vs slug



Right In: 137174.475 $\pm$ 0.170 χ^2 /NDF: 67631866.0/3

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

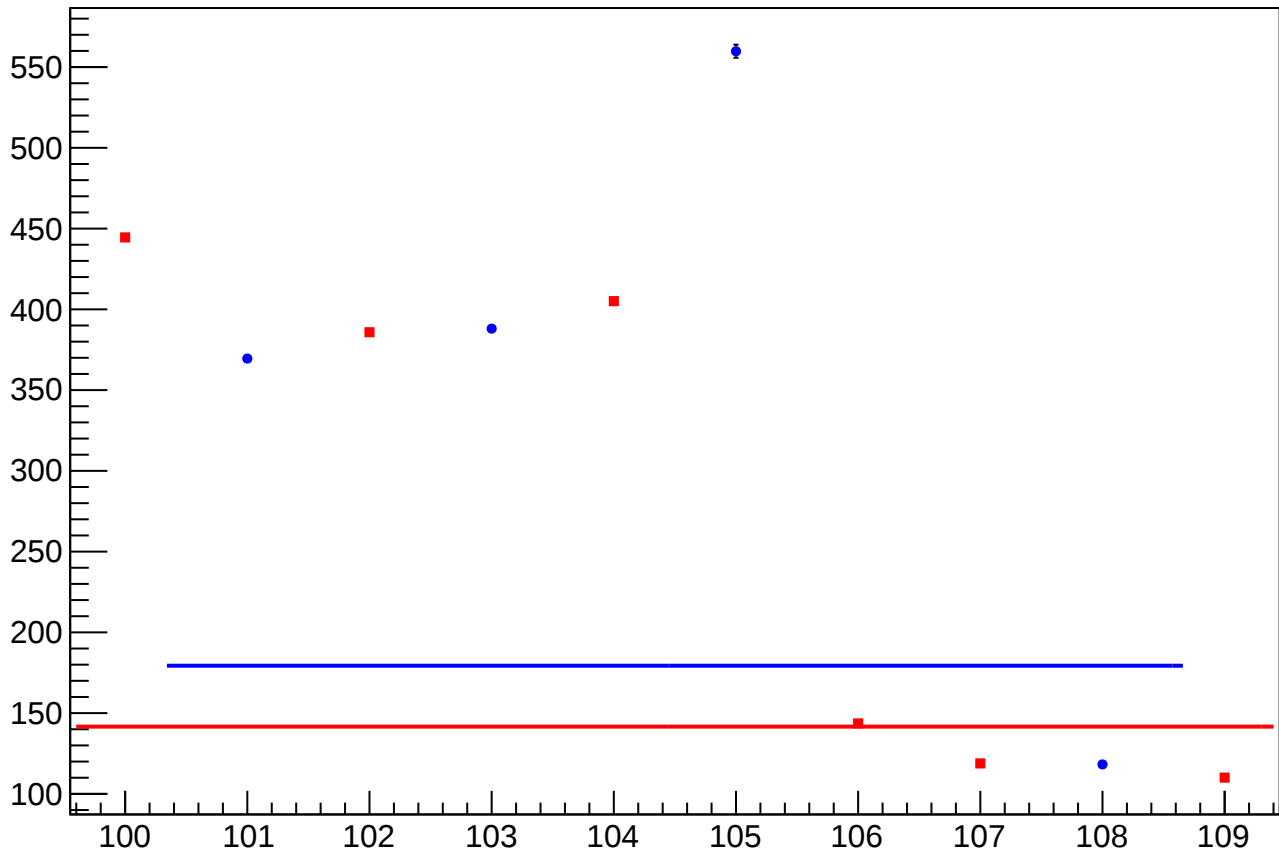
137174.475 $\pm$ 0.170 χ^2 /NDF: 67631866.0/3

Right Out: 136091.145 $\pm$ 0.111 χ^2 /NDF: 126076127.2/5

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

136091.145 $\pm$ 0.111 χ^2 /NDF: 126076127.2/5

yield_bpm0i02WS_rms vs slug



Right In: 179.348+/-0.120 χ^2/NDF : 844195.6/3

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

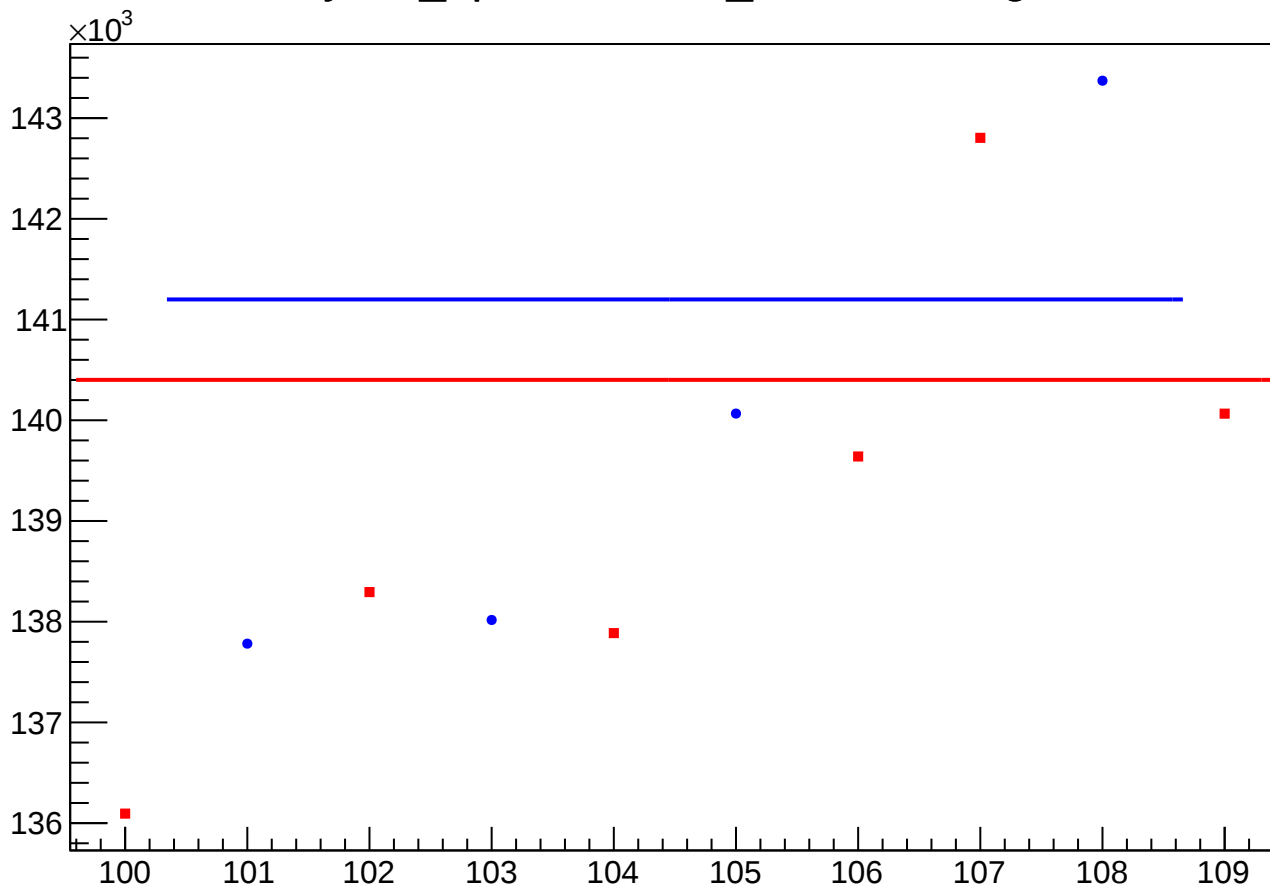
179.348+/-0.120 χ^2/NDF : 844195.6/3

Right Out: 141.653+/-0.079 χ^2/NDF : 1022680.1/5

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

141.653+/-0.079 χ^2/NDF : 1022680.1/5

yield_bpm0i02aWS_mean vs slug



Right In: 141199.653 $\pm$ 0.213 χ^2 /NDF: 158181732.2/3

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

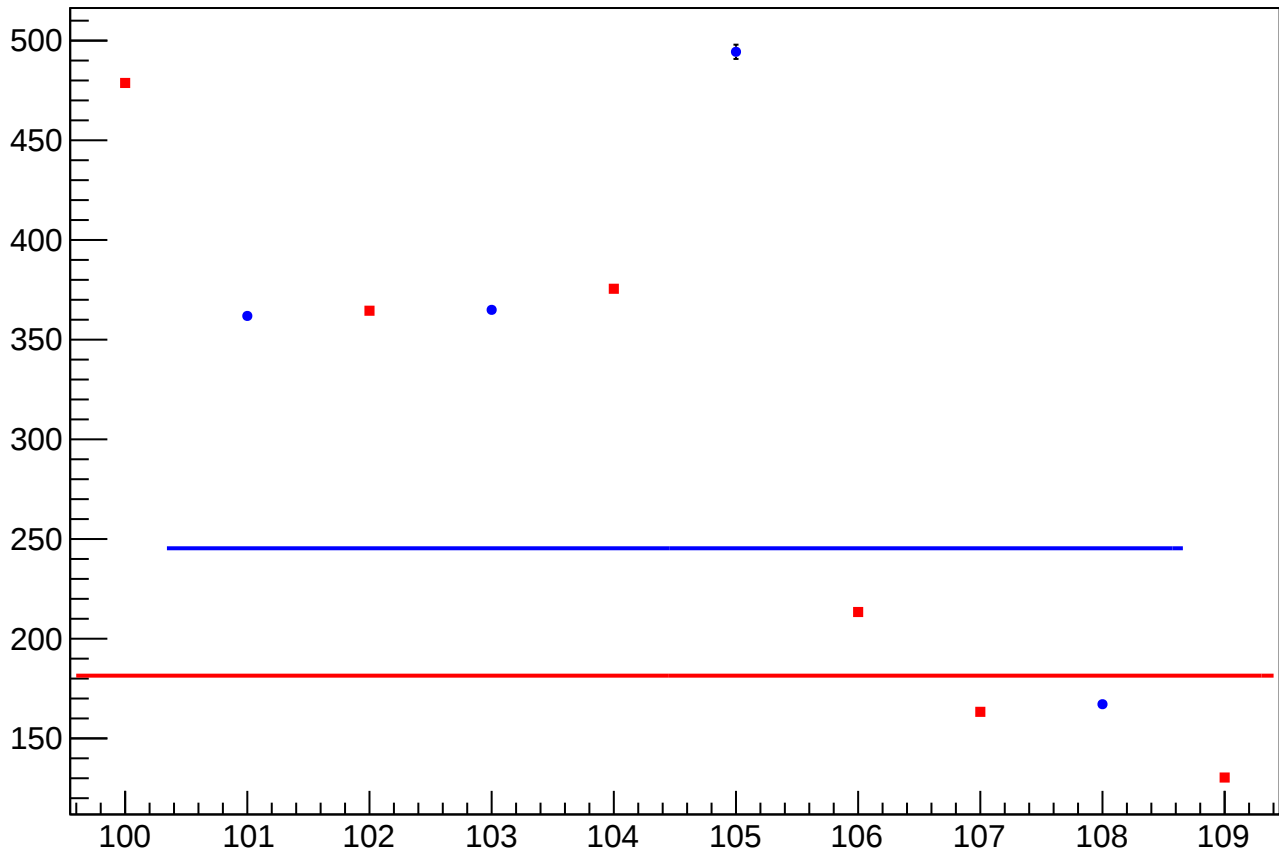
141199.653 $\pm$ 0.213 χ^2 /NDF: 158181732.2/3

Right Out: 140401.197 $\pm$ 0.136 χ^2 /NDF: 128105859.2/5

140401.197 $\pm$ 0.136 χ^2 /NDF: 128105859.2/5

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

yield_bpm0i02aWS_rms vs slug



Right In: 245.359 $\pm$ 0.151 χ^2 /NDF: 410835.7/3

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

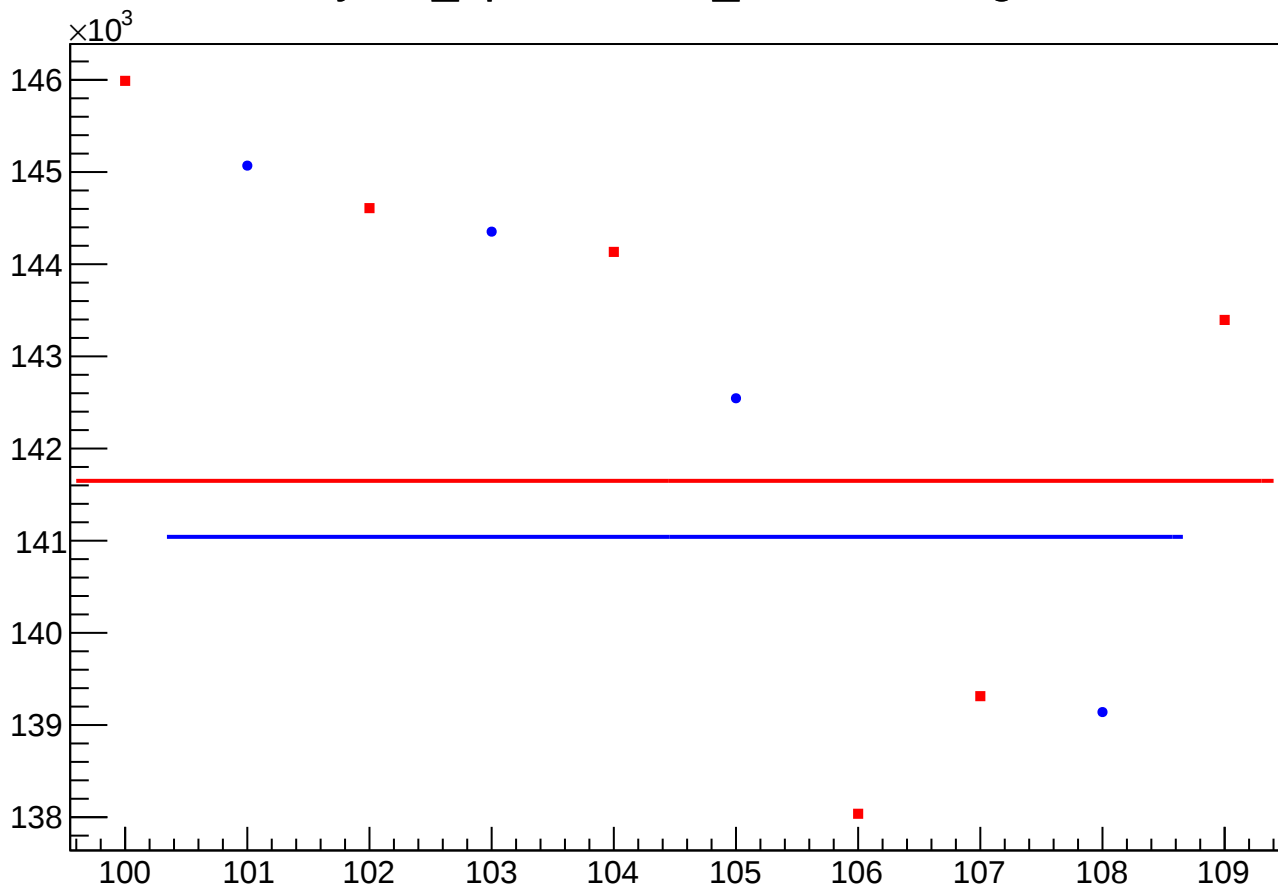
245.359 $\pm$ 0.151 χ^2 /NDF: 410835.7/3

Right Out: 181.467 $\pm$ 0.096 χ^2 /NDF: 756051.4/5

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

181.467 $\pm$ 0.096 χ^2 /NDF: 756051.4/5

yield_bpm0i05WS_mean vs slug



Right In: 141041.789 $\pm$ 0.196 χ^2 /NDF: 183246573.7/3

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

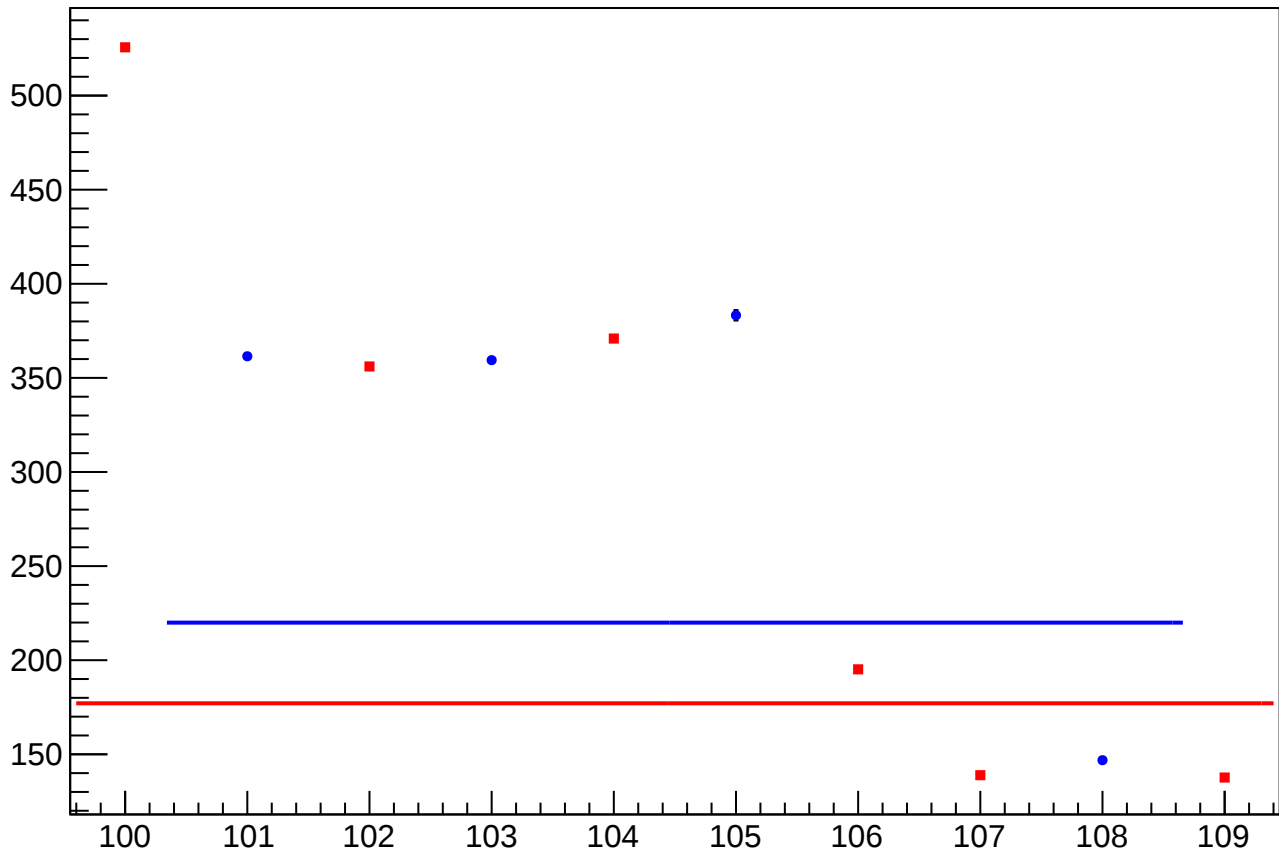
141041.789 $\pm$ 0.196 χ^2 /NDF: 183246573.7/3

Right Out: 141649.420 $\pm$ 0.132 χ^2 /NDF: 319116811.0/5

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

141649.420 $\pm$ 0.132 χ^2 /NDF: 319116811.0/5

yield_bpm0i05WS_rms vs slug



Right In: 219.962 $\pm$ 0.138 χ^2 /NDF: 537588.4/3

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

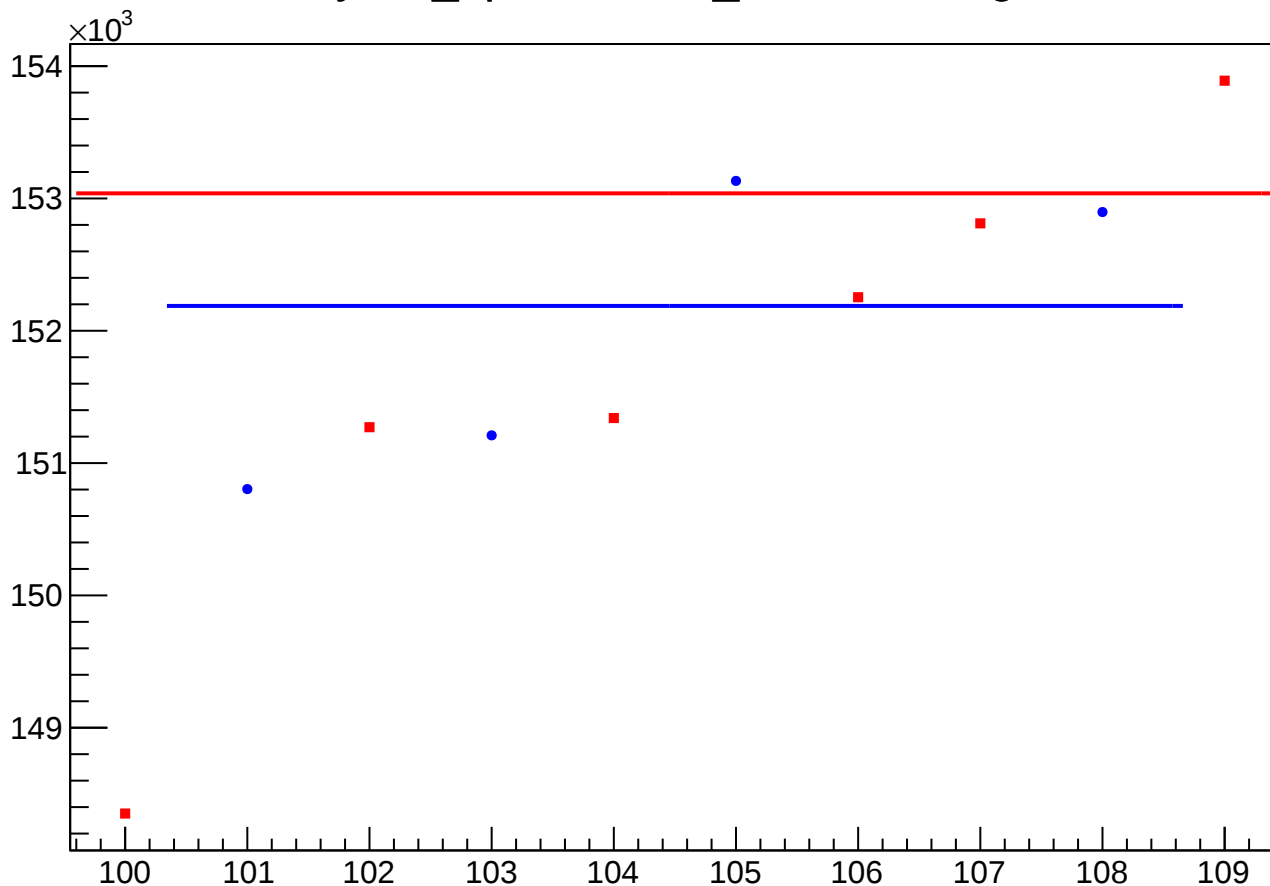
219.962 $\pm$ 0.138 χ^2 /NDF: 537588.4/3

Right Out: 177.098 $\pm$ 0.094 χ^2 /NDF: 738867.8/5

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

177.098 $\pm$ 0.094 χ^2 /NDF: 738867.8/5

yield_bpm0i07WS_mean vs slug



Right In: 152187.844 $\pm$ 0.215 χ^2 /NDF: 18480190.8/3

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

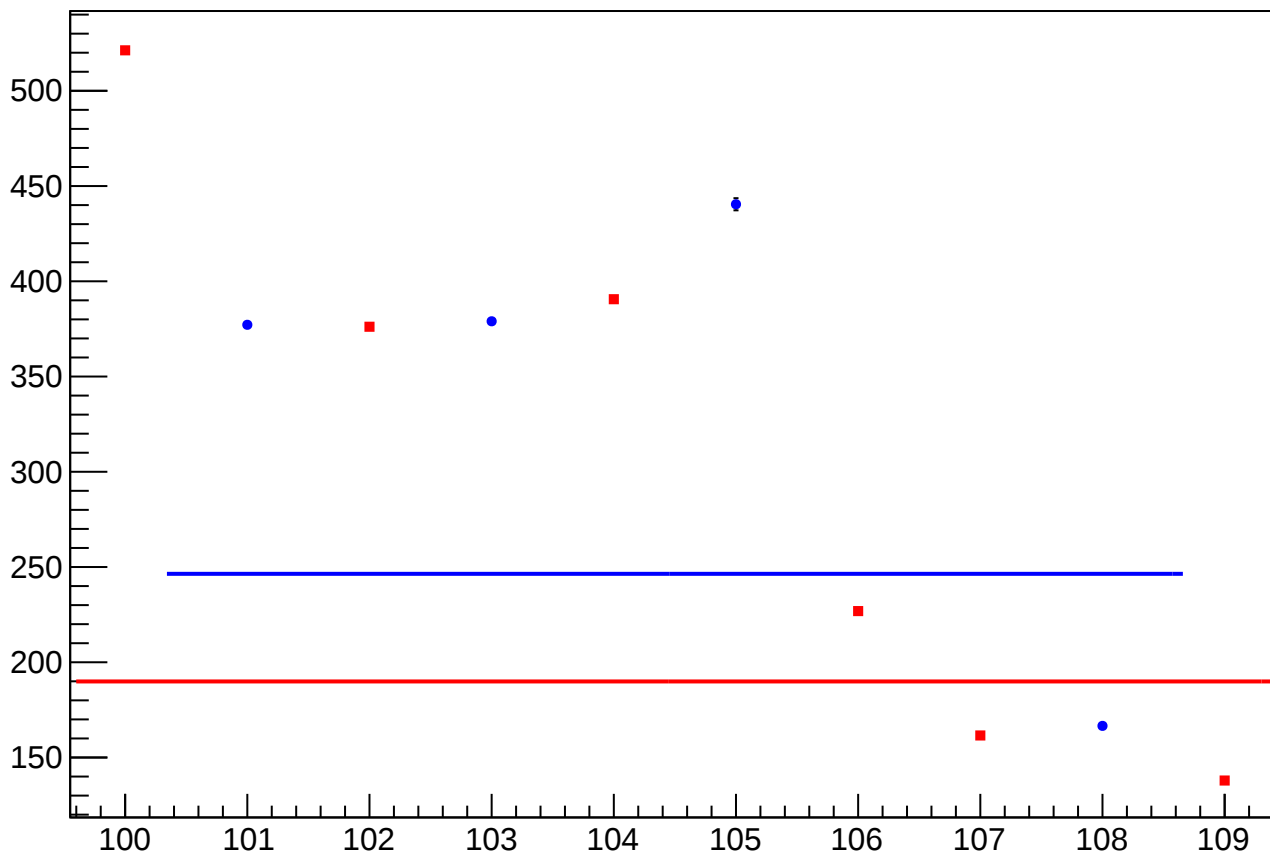
152187.844 $\pm$ 0.215 χ^2 /NDF: 18480190.8/3

Right Out: 153038.608 $\pm$ 0.142 χ^2 /NDF: 47854702.2/5

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

153038.608 $\pm$ 0.142 χ^2 /NDF: 47854702.2/5

yield_bpm0i07WS_rms vs slug



Right In: 246.425+/-0.152 χ^2/NDF : 454281.0/3

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

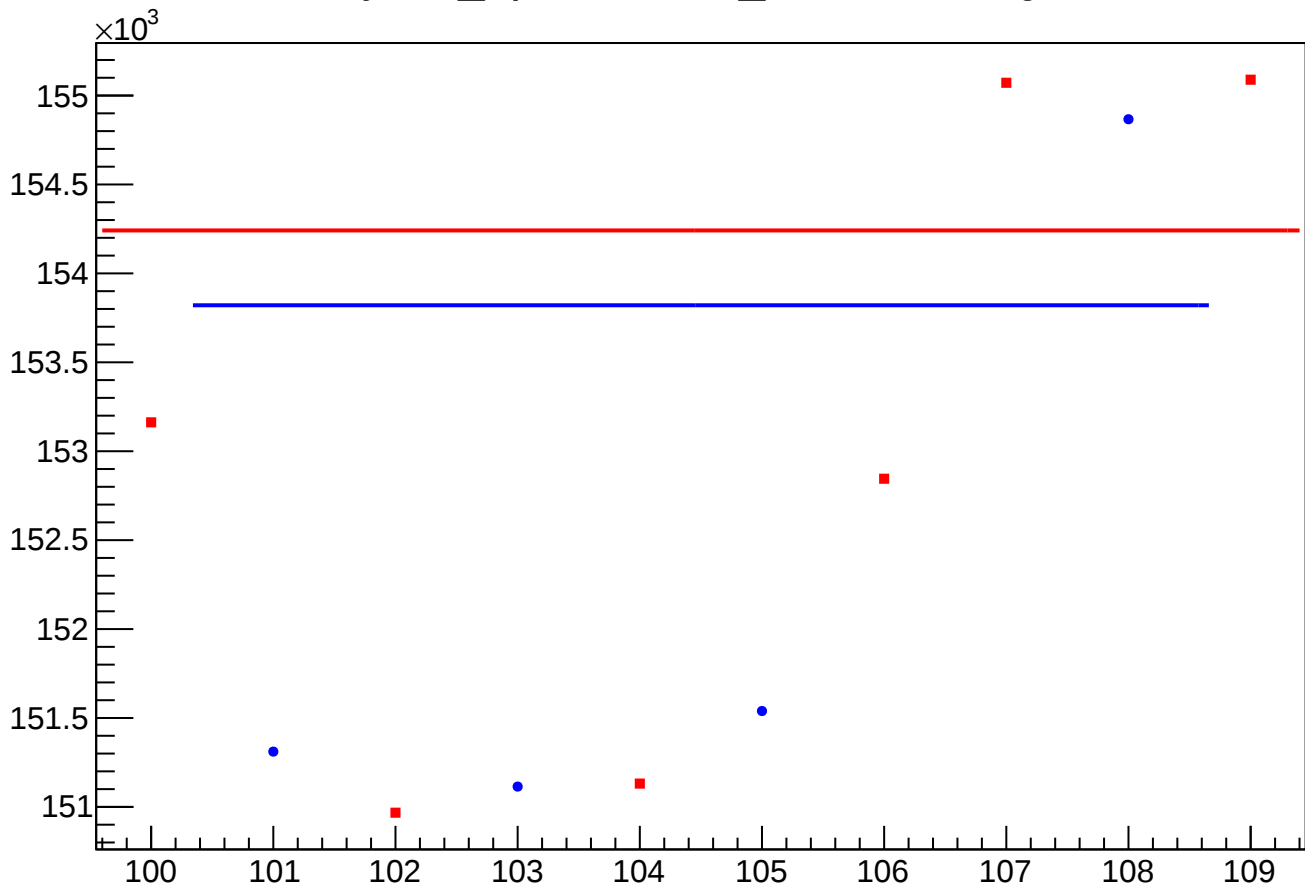
246.425+/-0.152 χ^2/NDF : 454281.0/3

Right Out: 189.928+/-0.101 χ^2/NDF : 747170.2/5

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

189.928+/-0.101 χ^2/NDF : 747170.2/5

yield_bpm1i02WS_mean vs slug



Right In: 153820.730 $\pm$ 0.197 χ^2 /NDF: 69297058.7/3

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

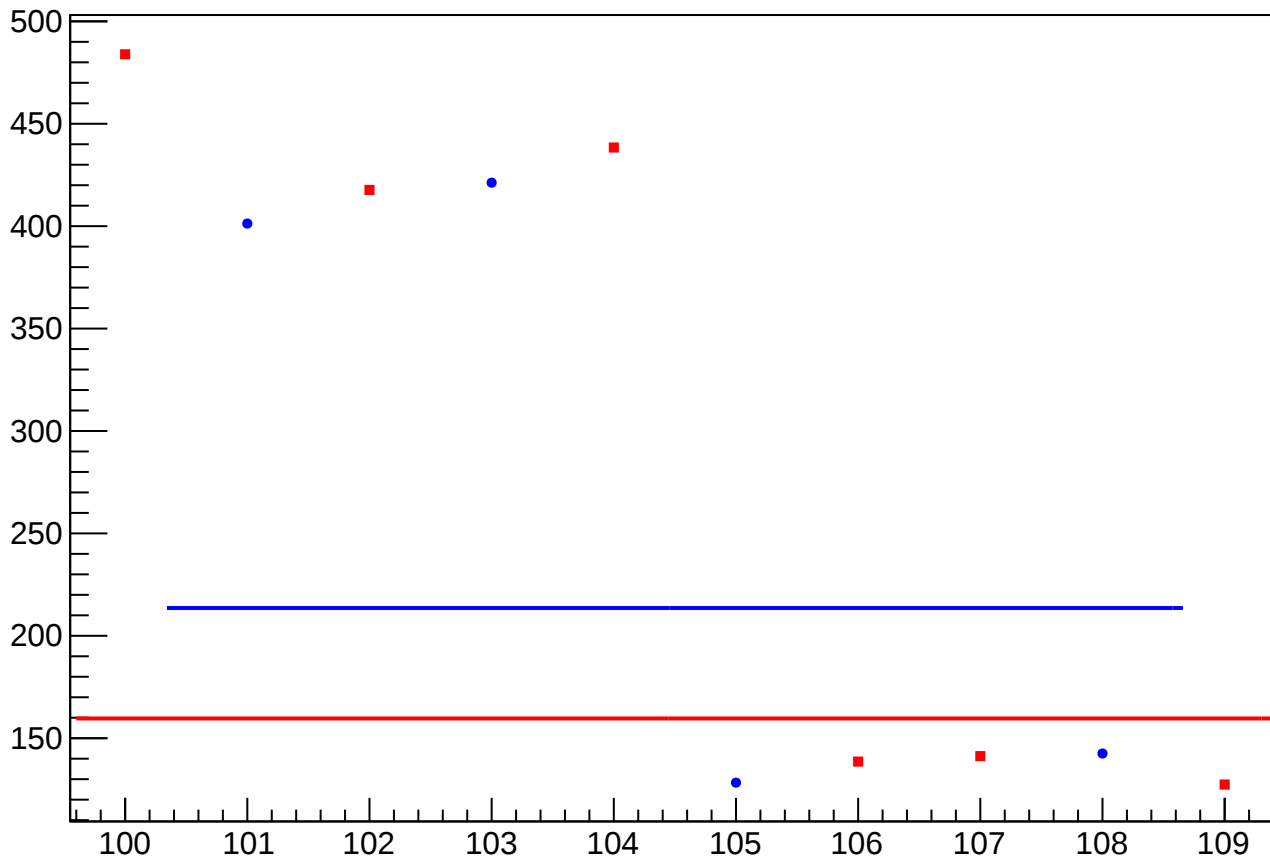
153820.730 $\pm$ 0.197 χ^2 /NDF: 69297058.7/3

Right Out: 154241.498 $\pm$ 0.120 χ^2 /NDF: 122505160.9/5

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

154241.498 $\pm$ 0.120 χ^2 /NDF: 122505160.9/5

yield_bpm1i02WS_rms vs slug



Right In: 213.570 $\pm$ 0.140 χ^2 /NDF: 724457.9/3

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

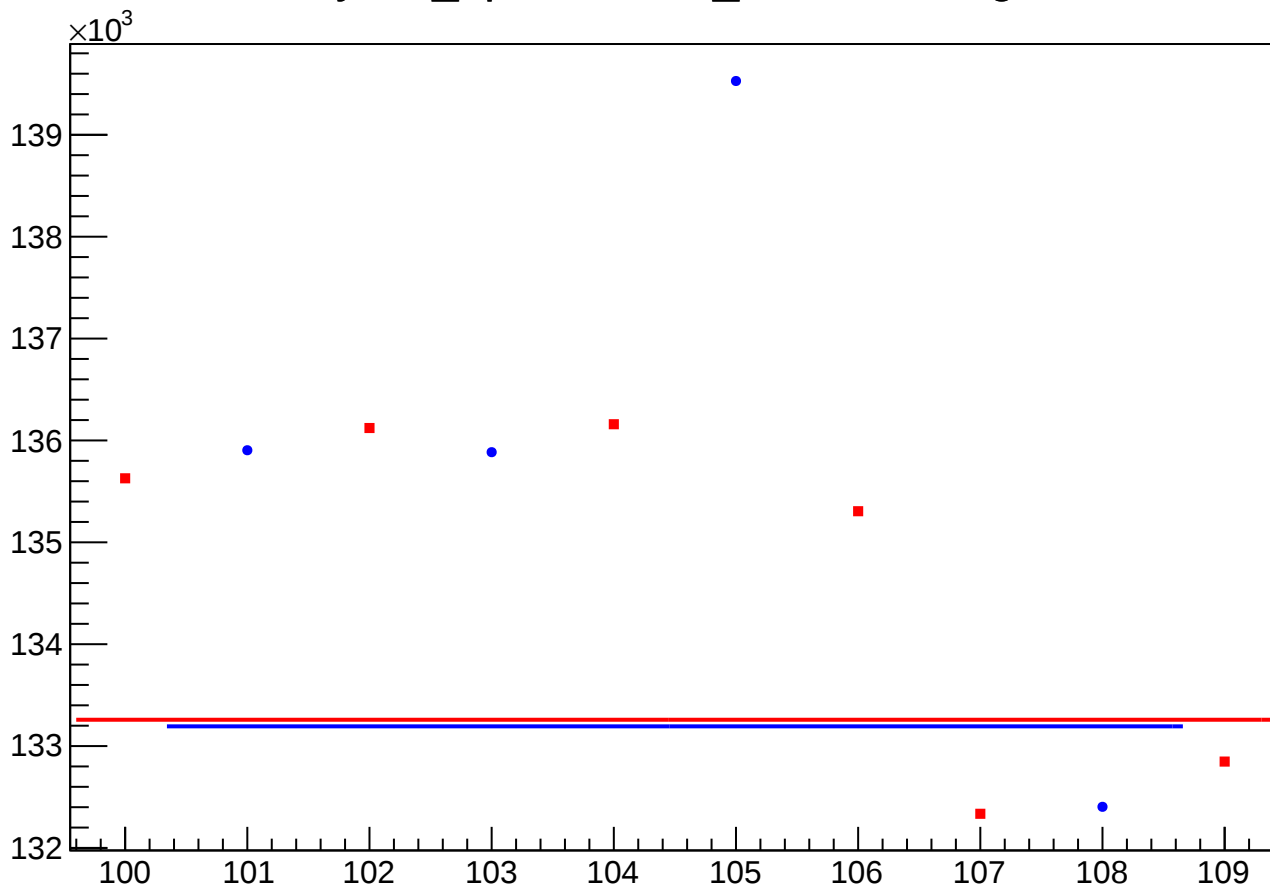
213.570 $\pm$ 0.140 χ^2 /NDF: 724457.9/3

Right Out: 159.638 $\pm$ 0.085 χ^2 /NDF: 965120.5/5

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

159.638 $\pm$ 0.085 χ^2 /NDF: 965120.5/5

yield_bpm1i04WS_mean vs slug



Right In: 133193.587 $\pm$ 0.162 χ^2 /NDF: 83782945.1/3

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

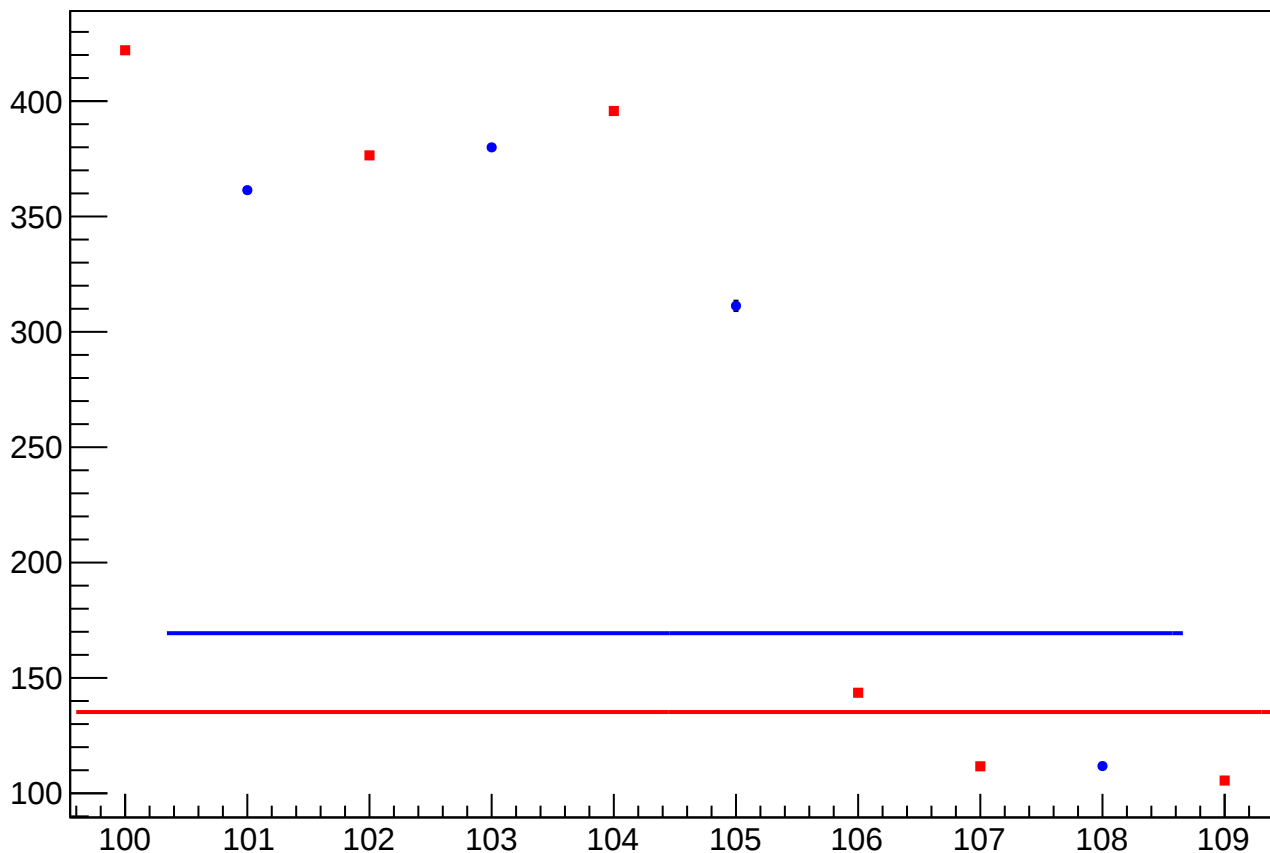
133193.587 $\pm$ 0.162 χ^2 /NDF: 83782945.1/3

Right Out: 133258.442 $\pm$ 0.105 χ^2 /NDF: 138478847.6/5

133258.442 $\pm$ 0.105 χ^2 /NDF: 138478847.6/5

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

yield_bpm1i04WS_rms vs slug



Right In: 169.390 $\pm$ 0.115 χ^2 /NDF: 878793.7/3

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

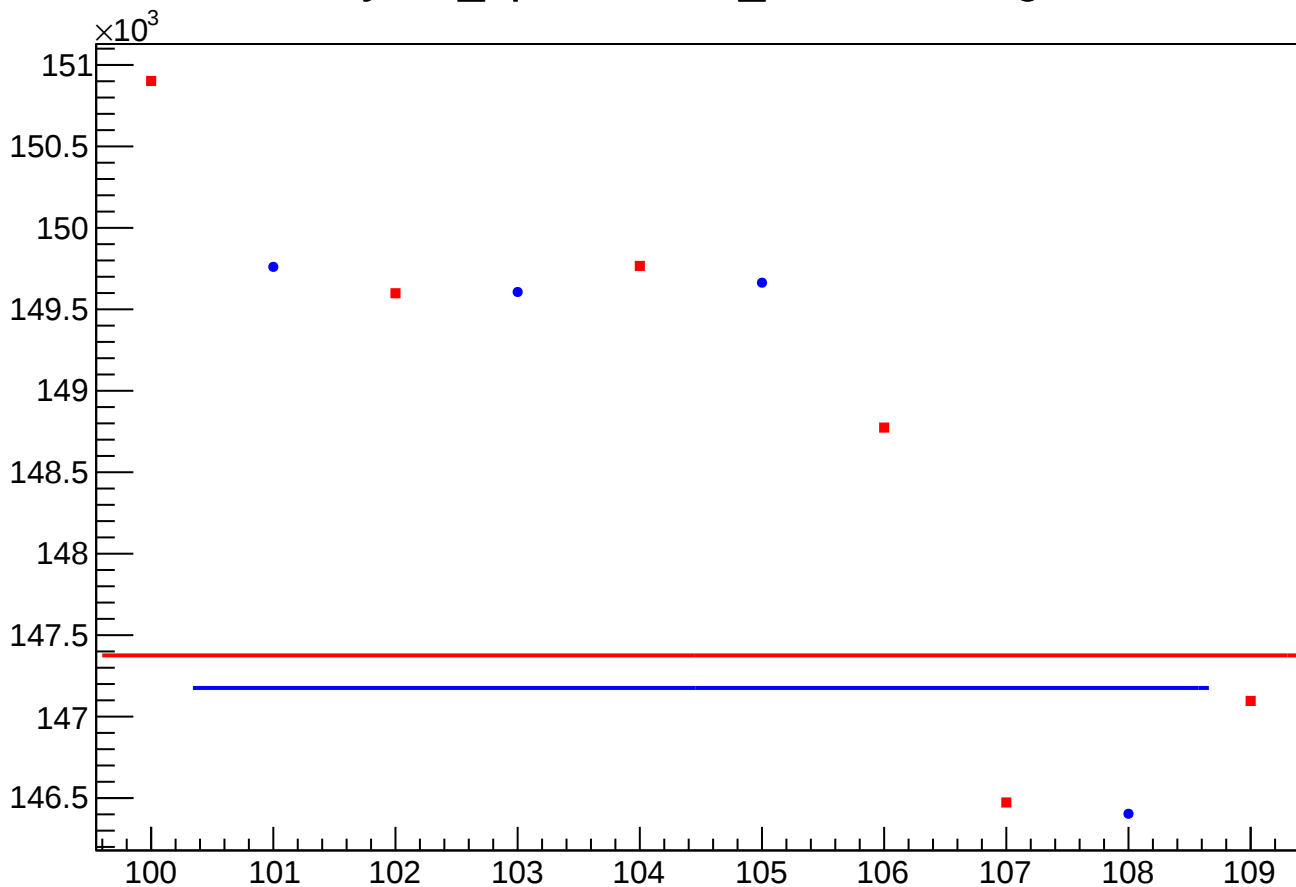
Right Out: 135.220 $\pm$ 0.074 χ^2 /NDF: 1048752.8/5

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

169.390 $\pm$ 0.115 χ^2 /NDF: 878793.7/3

135.220 $\pm$ 0.074 χ^2 /NDF: 1048752.8/5

yield_bpm1i06WS_mean vs slug



Right In: 147175.929 $\pm$ 0.180 χ^2 /NDF: 60123602.6/3

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

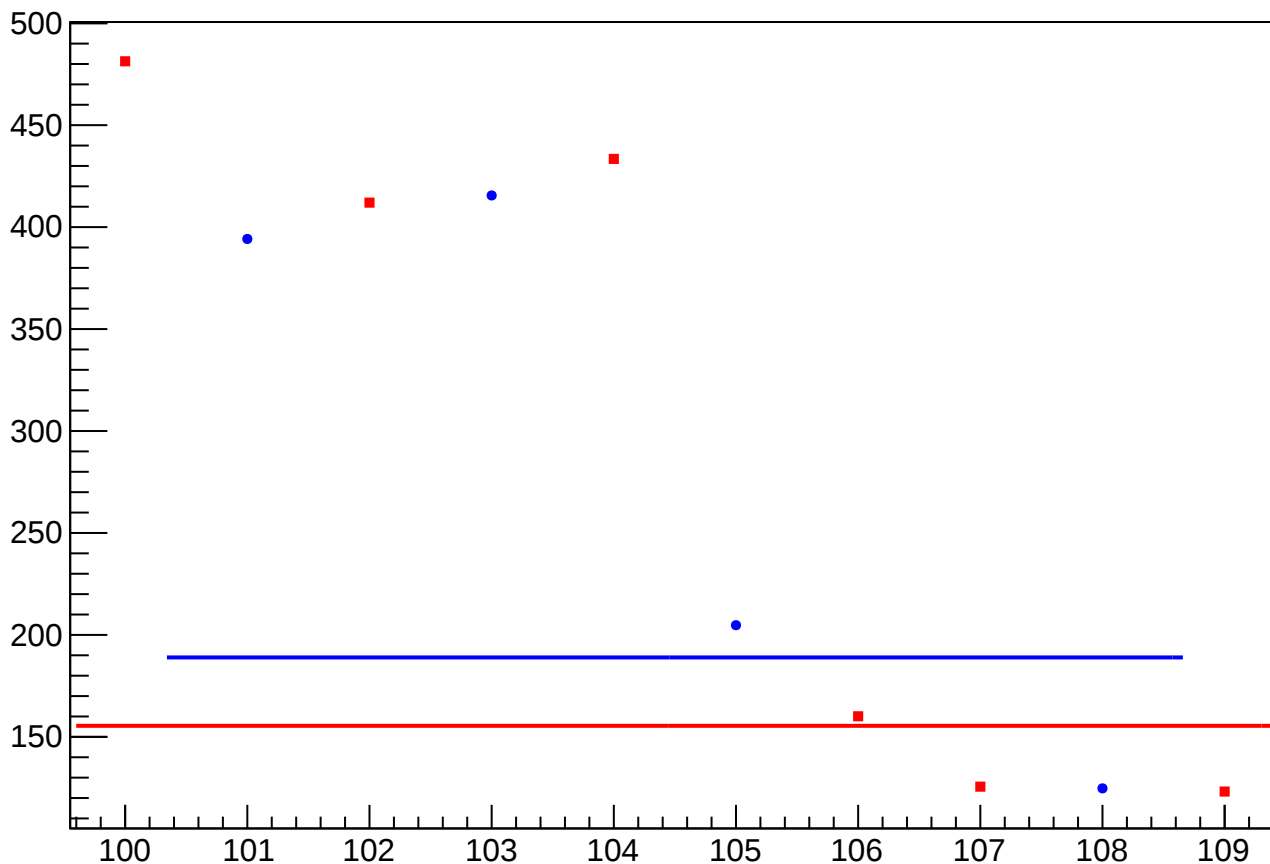
Right Out: 147375.669 $\pm$ 0.119 χ^2 /NDF: 75909232.1/5

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

147175.929 $\pm$ 0.180 χ^2 /NDF: 60123602.6/3

147375.669 $\pm$ 0.119 χ^2 /NDF: 75909232.1/5

yield_bpm1i06WS_rms vs slug



Right In: 188.960+/-0.127 χ^2/NDF : 849950.1/3

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

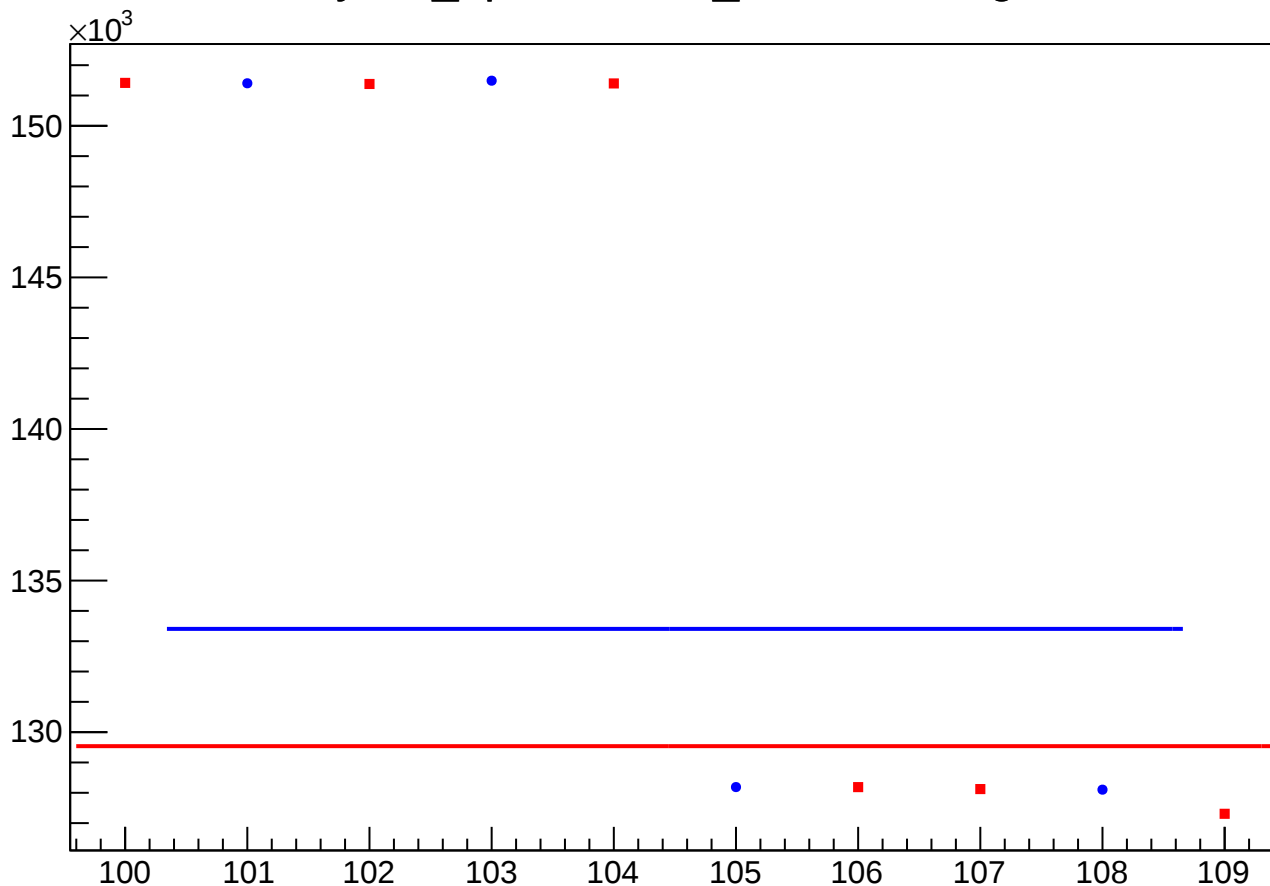
188.960+/-0.127 χ^2/NDF : 849950.1/3

Right Out: 155.423+/-0.084 χ^2/NDF : 999127.8/5

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

155.423+/-0.084 χ^2/NDF : 999127.8/5

yield_bpm2i01WS_mean vs slug



Right In: 133406.540 $\pm$ 0.176 χ^2 /NDF: 3073145162.9/3

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

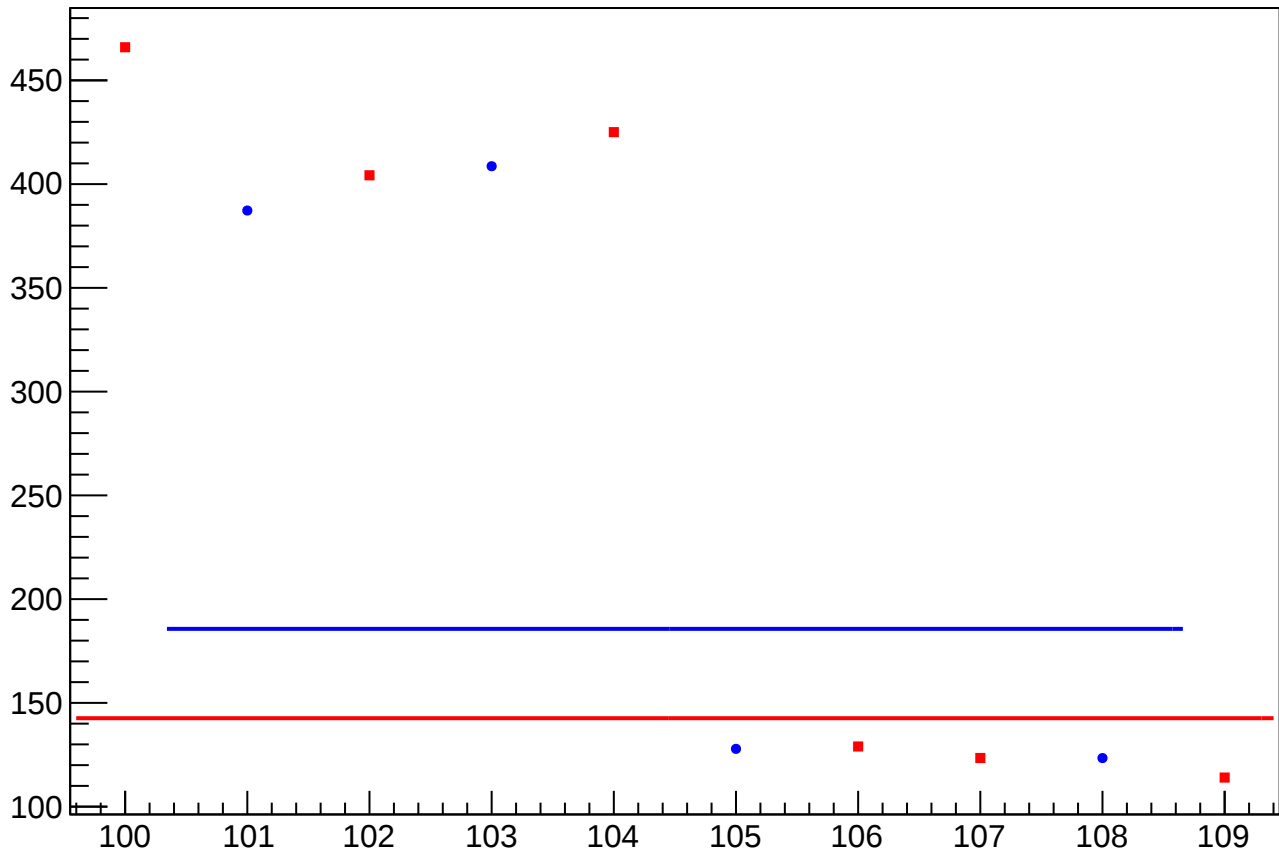
Right Out: 129538.277 $\pm$ 0.109 χ^2 /NDF: 3311654396.8/5

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

133406.540 $\pm$ 0.176 χ^2 /NDF: 3073145162.9/3

129538.277 $\pm$ 0.109 χ^2 /NDF: 3311654396.8/5

yield_bpm2i01WS_rms vs slug



Right In: 185.674 $\pm$ 0.125 χ^2 /NDF: 846766.1/3

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

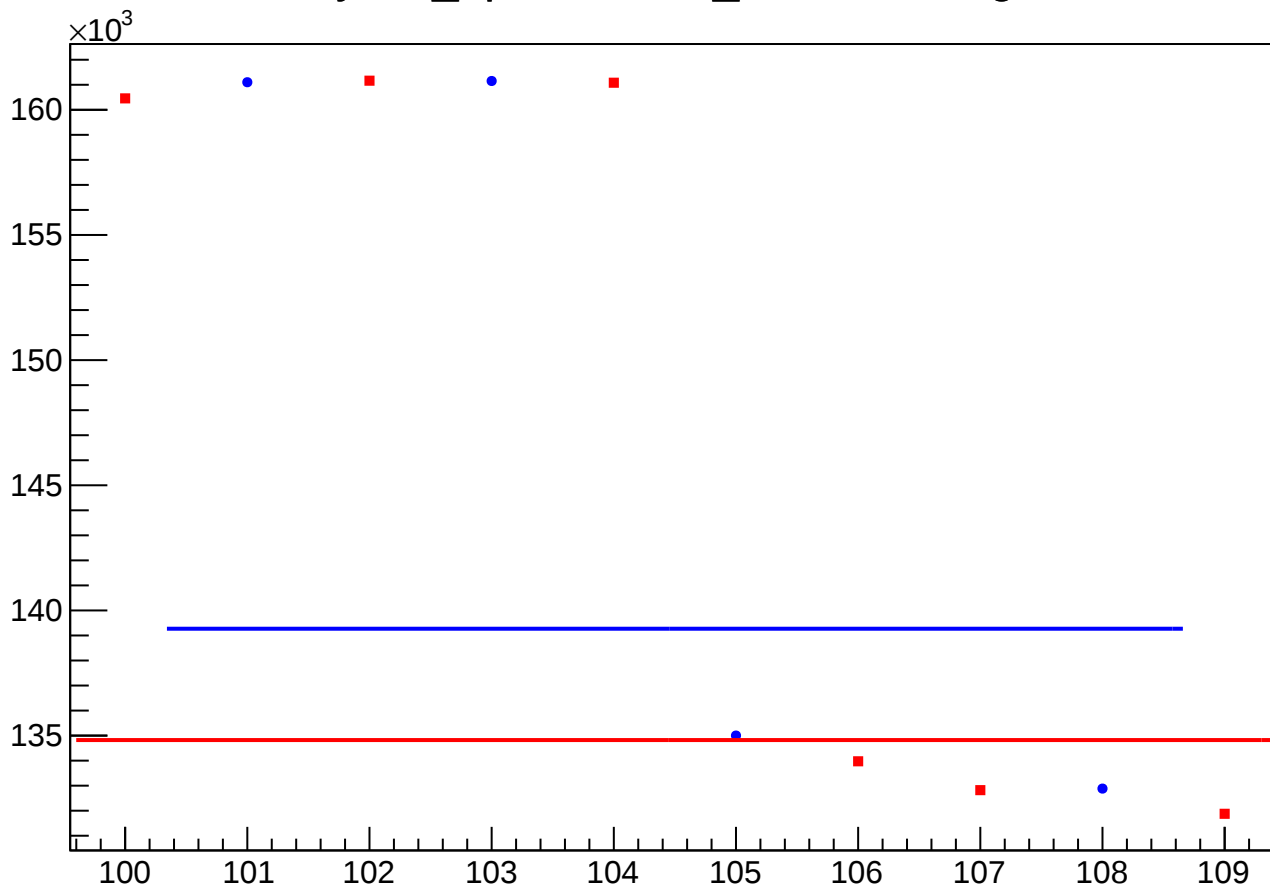
185.674 $\pm$ 0.125 χ^2 /NDF: 846766.1/3

Right Out: 142.624 $\pm$ 0.077 χ^2 /NDF: 1043103.0/5

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

142.624 $\pm$ 0.077 χ^2 /NDF: 1043103.0/5

yield_bpm2i02WS_mean vs slug



Right In: 139269.671 $\pm$ 0.185 χ^2 /NDF: 4040081256.6/3

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

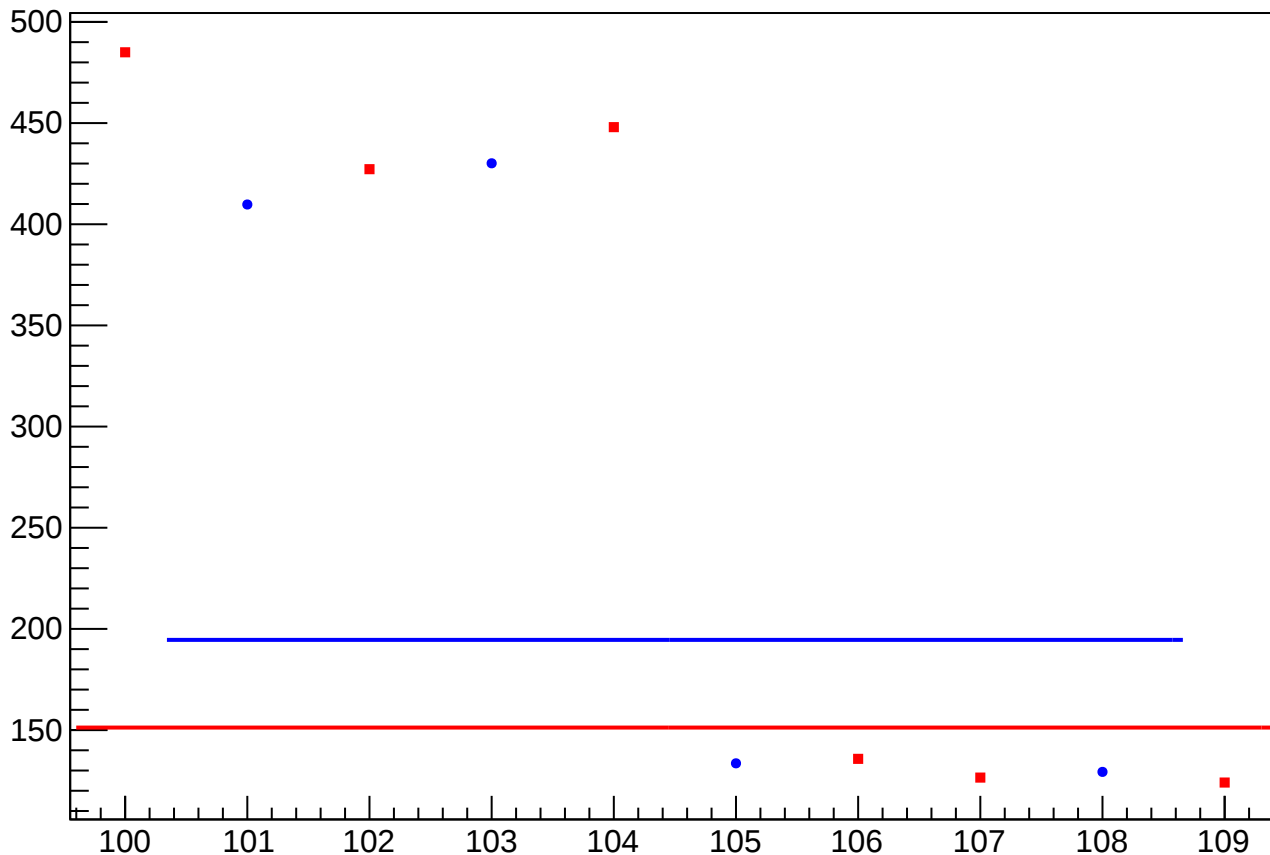
139269.671 $\pm$ 0.185 χ^2 /NDF: 4040081256.6/3

Right Out: 134821.921 $\pm$ 0.115 χ^2 /NDF: 4333539057.4/5

134821.921 $\pm$ 0.115 χ^2 /NDF: 4333539057.4/5

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

yield_bpm2i02WS_rms vs slug



Right In: 194.571+/-0.131 χ^2/NDF : 854858.2/3

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

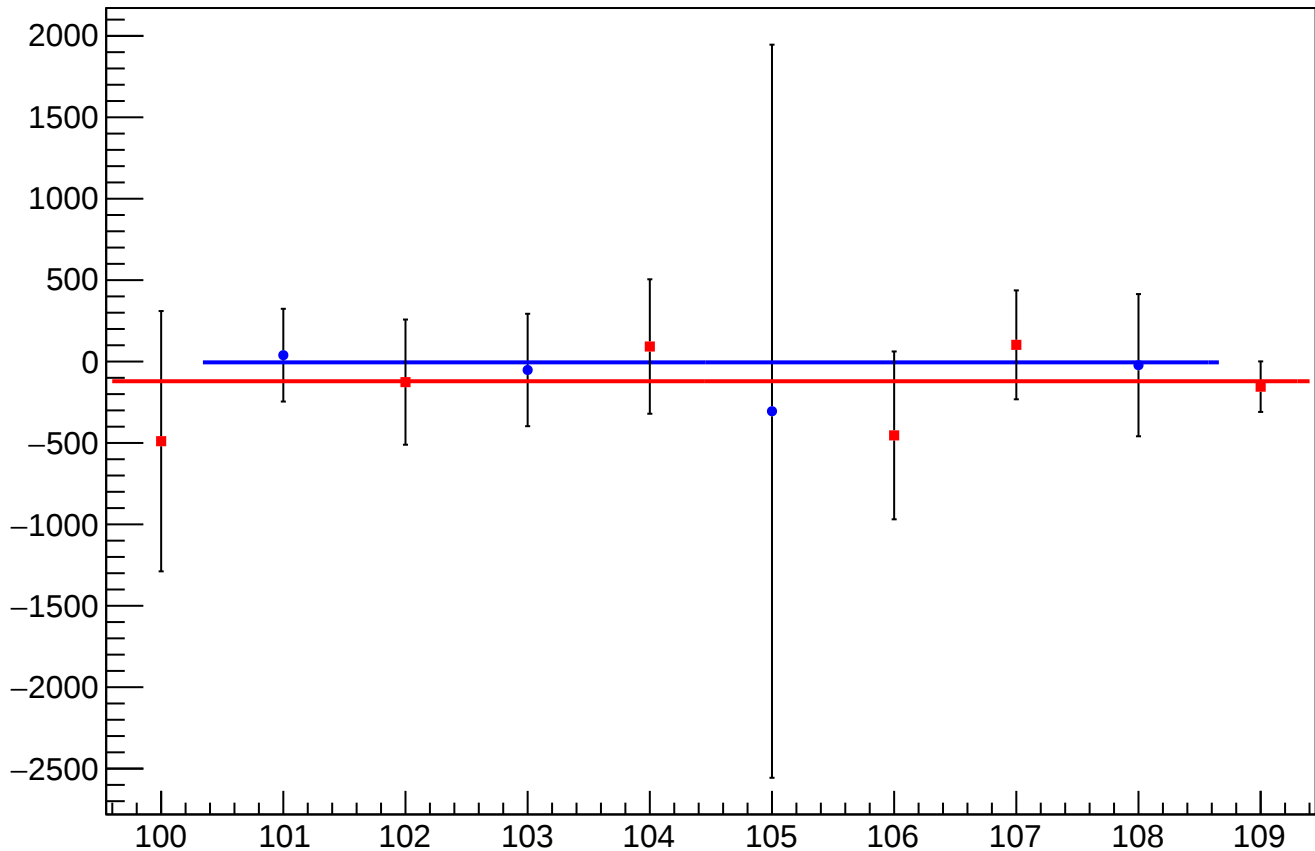
194.571+/-0.131 χ^2/NDF : 854858.2/3

Right Out: 151.234+/-0.081 χ^2/NDF : 1034564.4/5

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

151.234+/-0.081 χ^2/NDF : 1034564.4/5

asym_bcm_an_ds_mean vs slug



Right In: -4.974+/-195.507 χ^2/NDF : 0.1/3

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

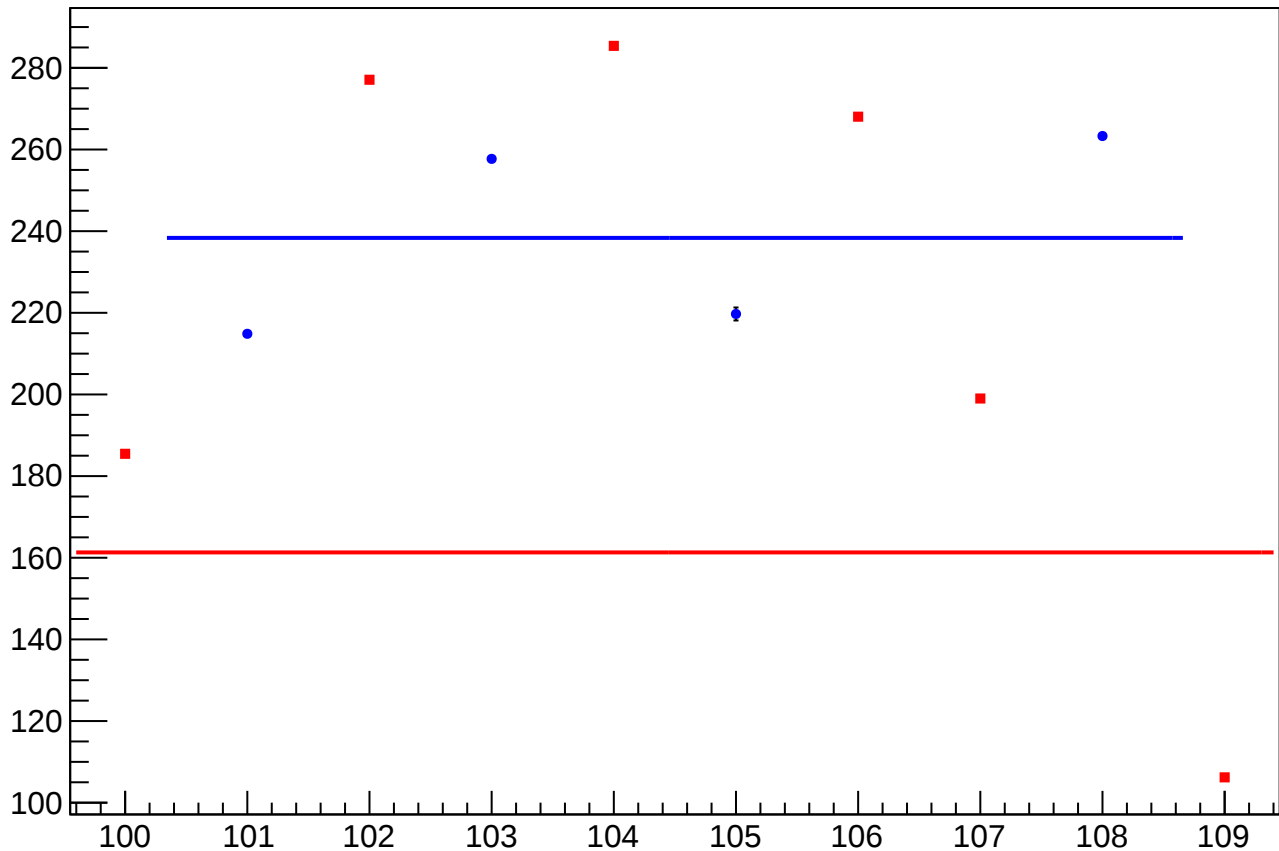
Right Out: -120.923+/-120.894 χ^2/NDF : 1.4/5

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

-4.974+/-195.507 χ^2/NDF : 0.1/3

-120.923+/-120.894 χ^2/NDF : 1.4/5

asym_bcm_an_ds_rms vs slug



Right In: 238.352 $\pm$ 0.138 χ^2 /NDF: 26566.9/3

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

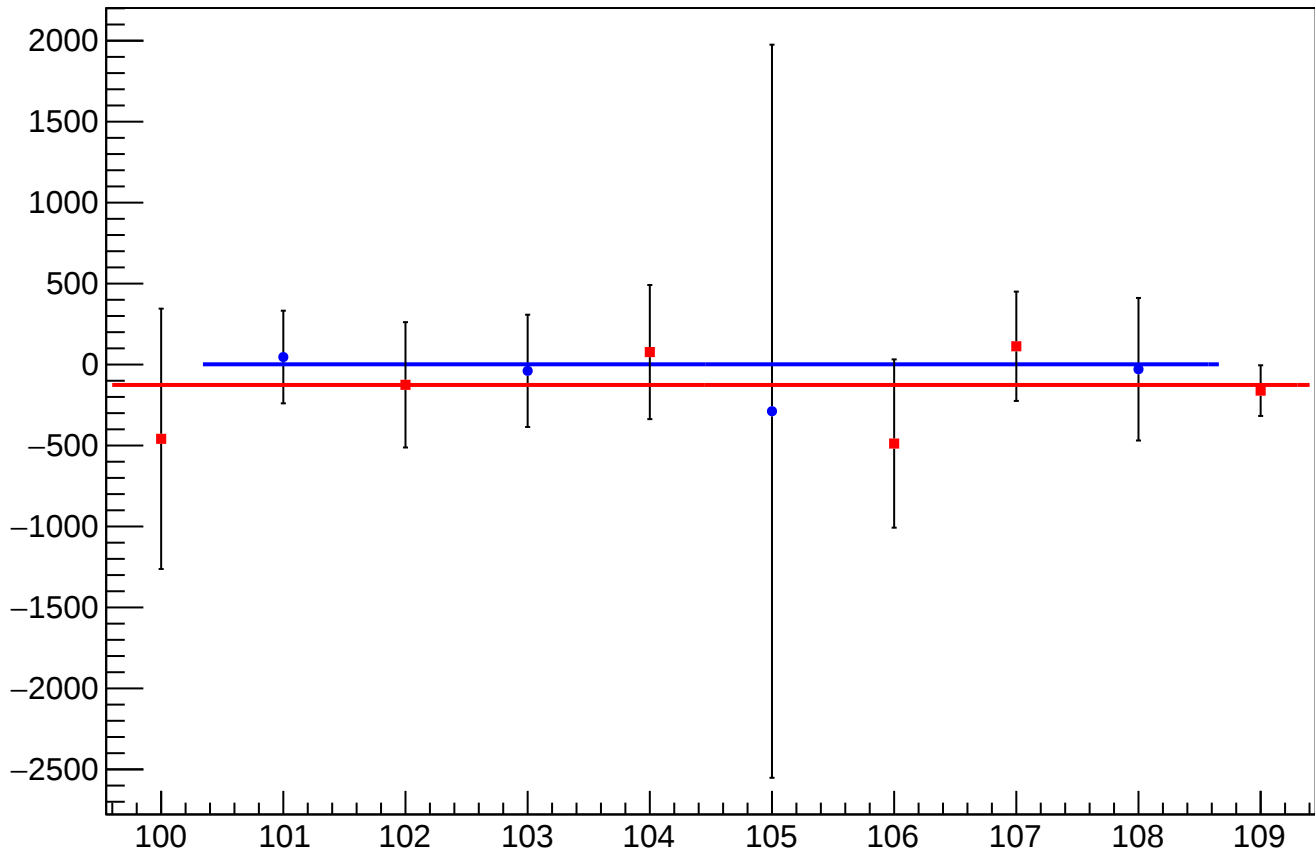
238.352 $\pm$ 0.138 χ^2 /NDF: 26566.9/3

Right Out: 161.308 $\pm$ 0.085 χ^2 /NDF: 727159.1/5

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

161.308 $\pm$ 0.085 χ^2 /NDF: 727159.1/5

asym_bcm_an_ds3_mean vs slug



Right In: 1.557+/-196.482 χ^2/NDF : 0.1/3

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

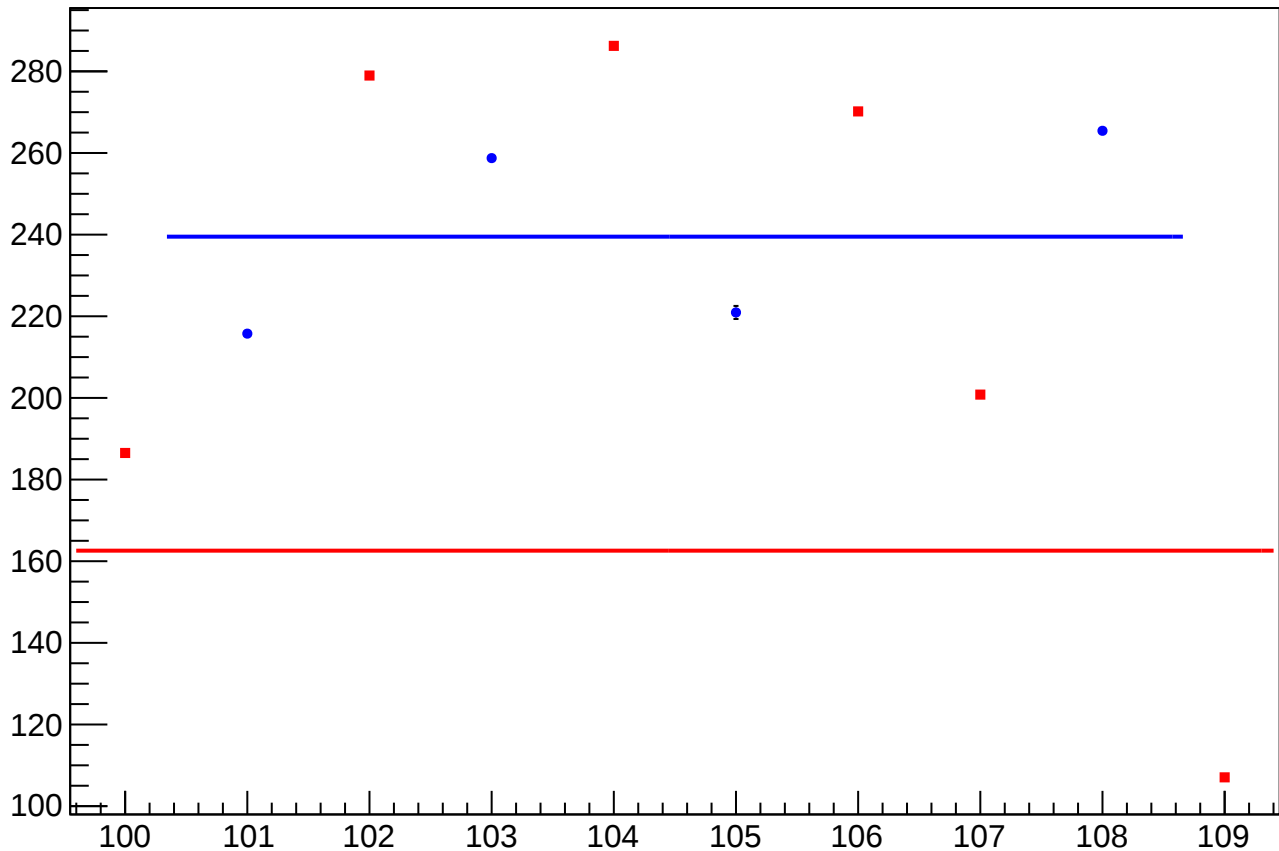
Right Out: -125.921+/-121.811 χ^2/NDF : 1.4/5

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

1.557+/-196.482 χ^2/NDF : 0.1/3

-125.921+/-121.811 χ^2/NDF : 1.4/5

asym_bcm_an_ds3_rms vs slug



Right In: 239.503 $\pm$ 0.139 χ^2 /NDF: 27035.1/3

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

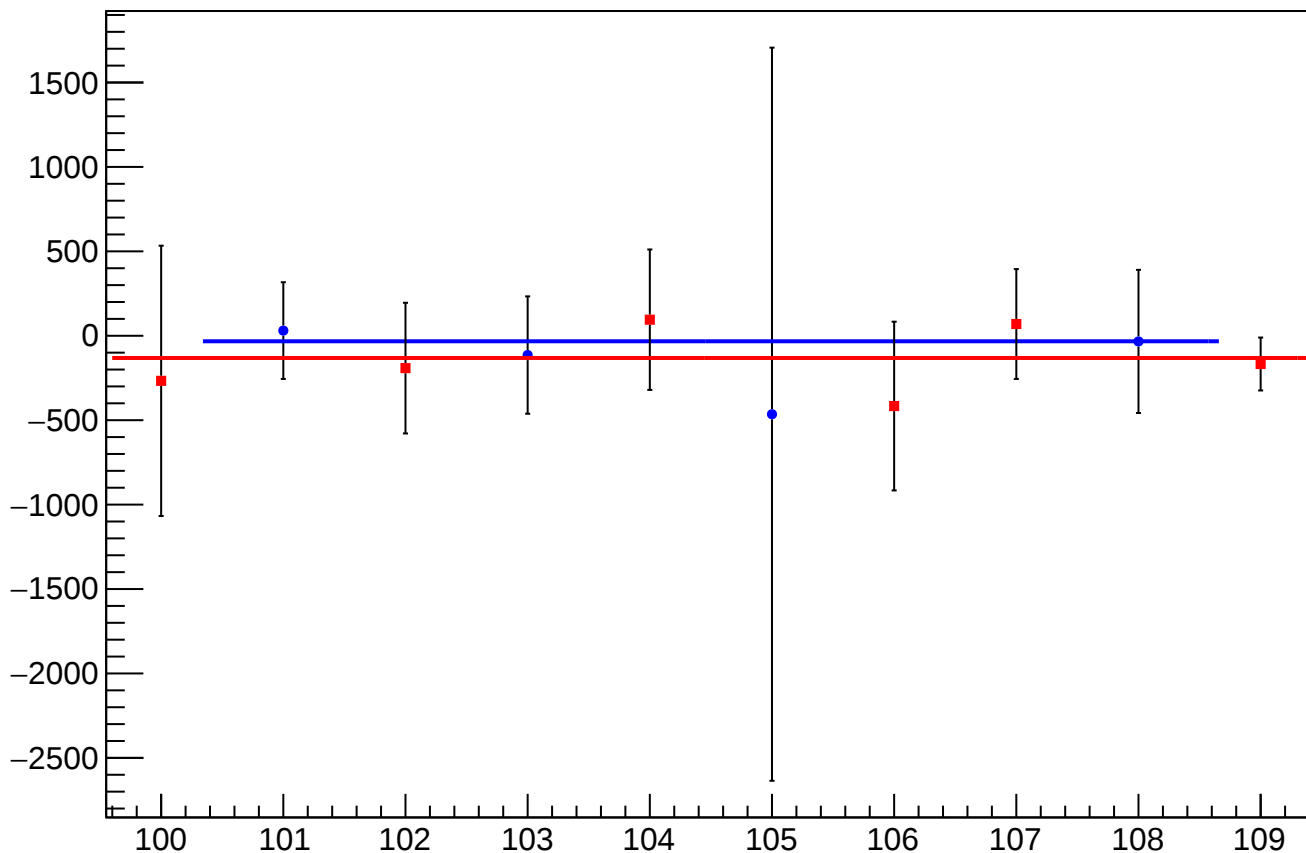
239.503 $\pm$ 0.139 χ^2 /NDF: 27035.1/3

Right Out: 162.585 $\pm$ 0.086 χ^2 /NDF: 724337.8/5

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

162.585 $\pm$ 0.086 χ^2 /NDF: 724337.8/5

asym_bcm_an_us_mean vs slug



Right In: -32.642 $\pm$ 195.225 χ^2 /NDF: 0.1/3

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

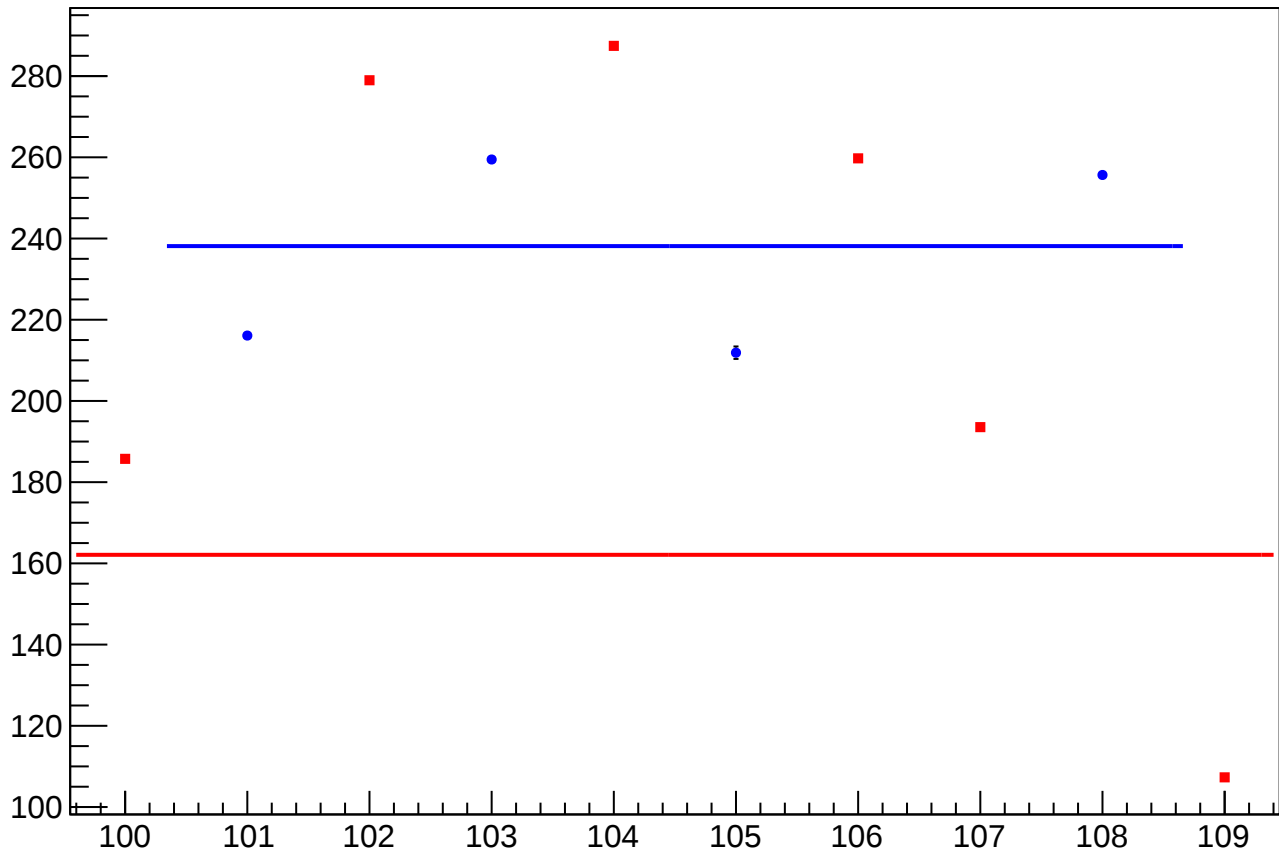
Right Out: -131.455 $\pm$ 121.124 χ^2 /NDF: 1.1/5

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

-32.642 $\pm$ 195.225 χ^2 /NDF: 0.1/3

-131.455 $\pm$ 121.124 χ^2 /NDF: 1.1/5

asym_bcm_an_us_rms vs slug



Right In: 238.134 $\pm$ 0.138 χ^2 /NDF: 23065.0/3

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

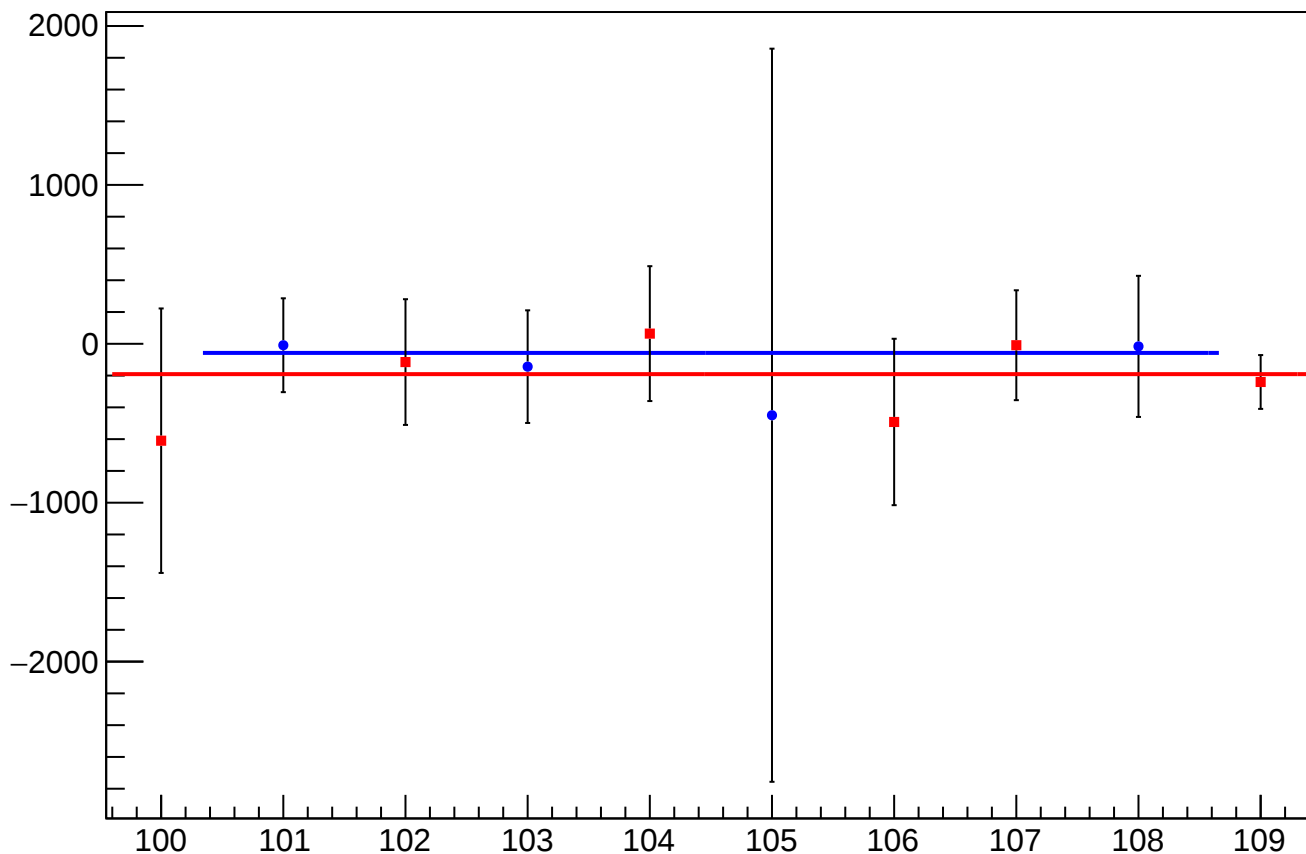
238.134 $\pm$ 0.138 χ^2 /NDF: 23065.0/3

Right Out: 162.108 $\pm$ 0.086 χ^2 /NDF: 705204.1/5

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

162.108 $\pm$ 0.086 χ^2 /NDF: 705204.1/5

asym_bcm_dg_us_mean vs slug



Right In: -57.316+/-201.264 χ^2/NDF : 0.1/3

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

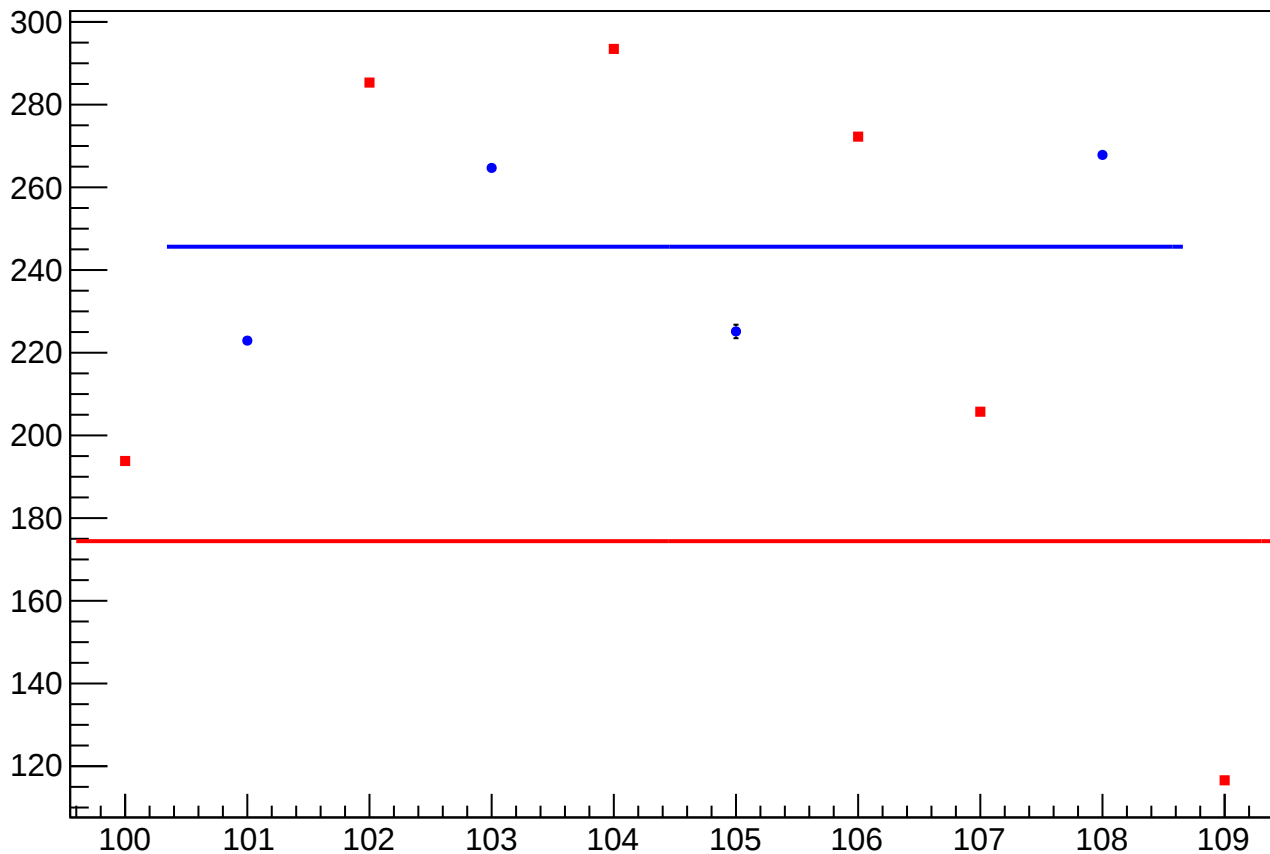
Right Out: -190.923+/-128.819 χ^2/NDF : 1.3/5

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

-57.316+/-201.264 χ^2/NDF : 0.1/3

-190.923+/-128.819 χ^2/NDF : 1.3/5

asym_bcm_dg_us_rms vs slug



Right In: 245.640 $\pm$ 0.142 χ^2 /NDF: 22768.1/3

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

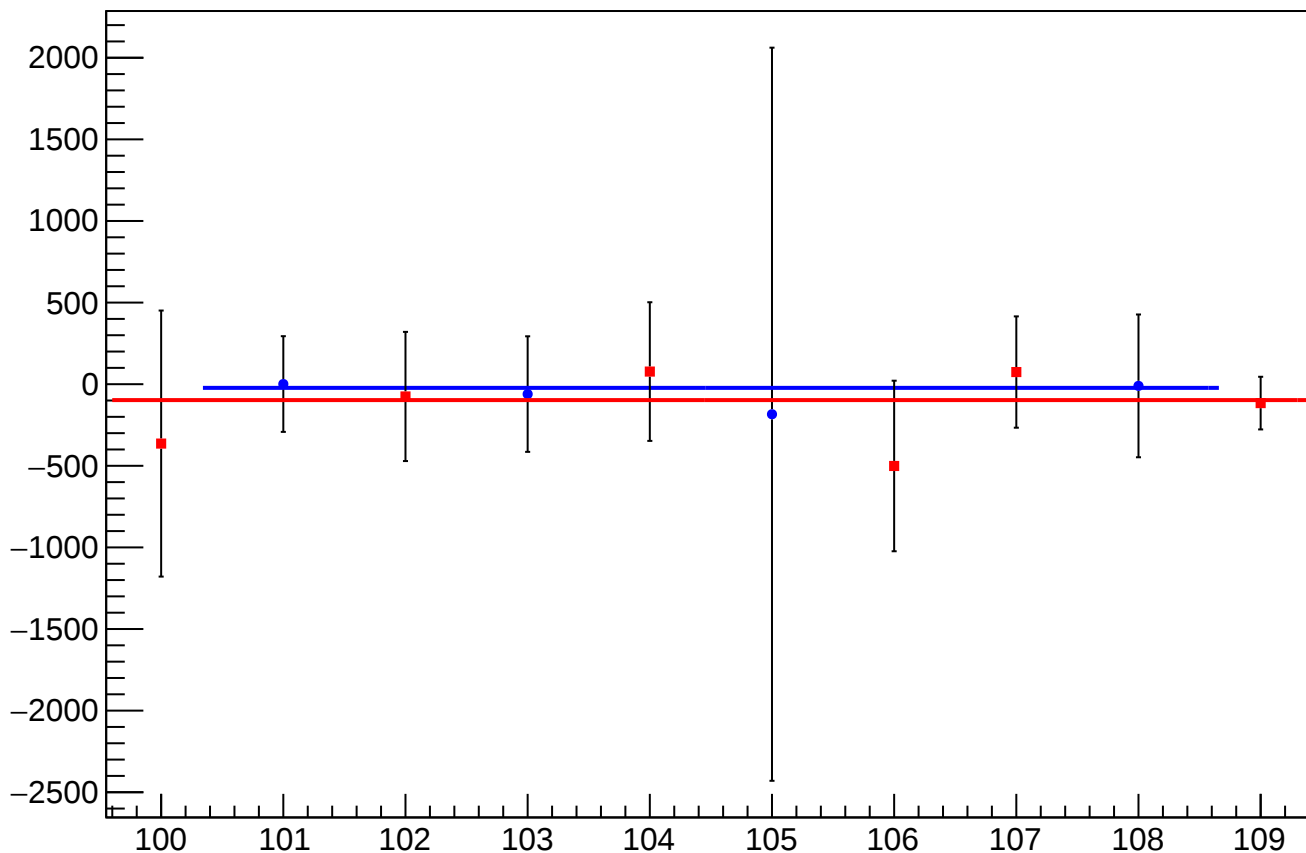
245.640 $\pm$ 0.142 χ^2 /NDF: 22768.1/3

Right Out: 174.425 $\pm$ 0.091 χ^2 /NDF: 635179.9/5

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

174.425 $\pm$ 0.091 χ^2 /NDF: 635179.9/5

asym_bcm_dg_ds_mean vs slug



Right In: -22.478+/-199.857 χ^2/NDF : 0.0/3

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

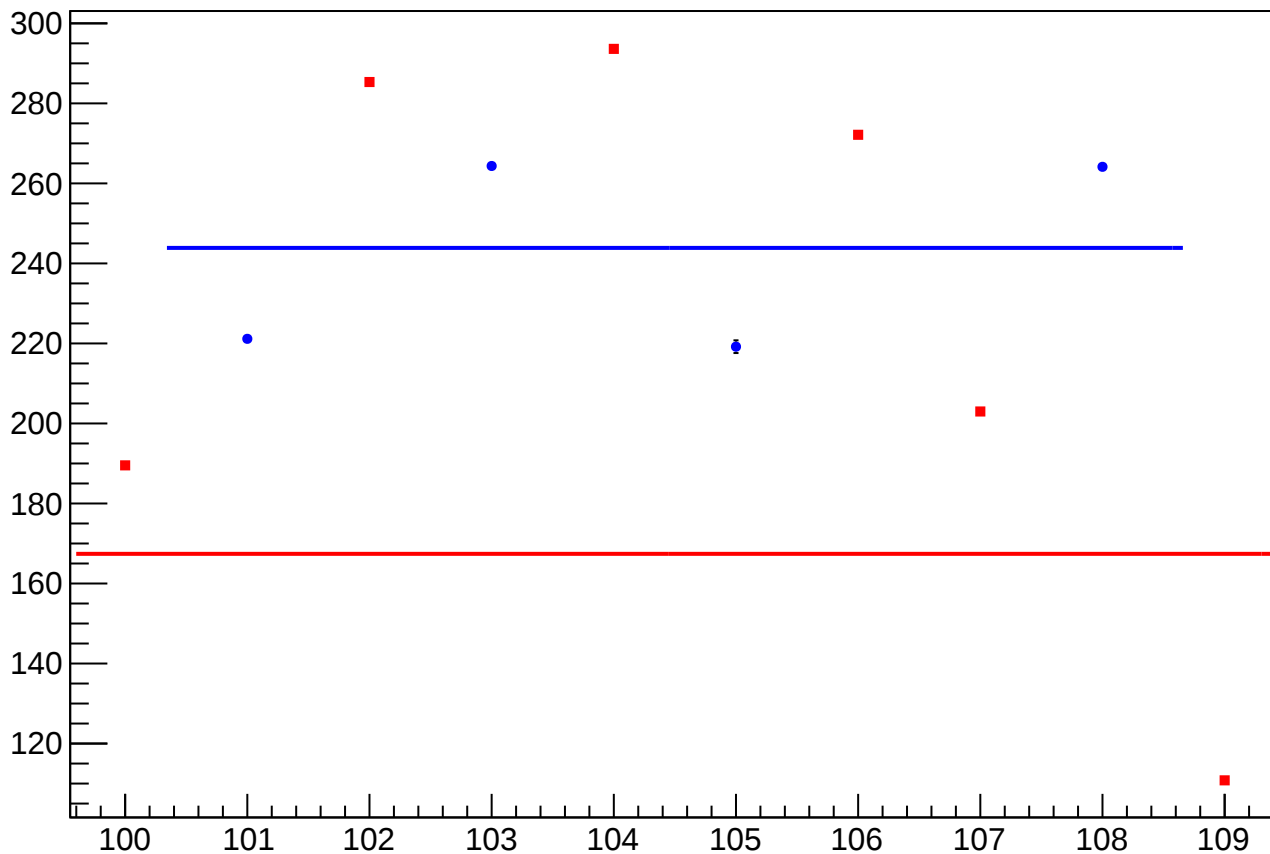
Right Out: -97.419+/-124.881 χ^2/NDF : 1.1/5

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

-22.478+/-199.857 χ^2/NDF : 0.0/3

-97.419+/-124.881 χ^2/NDF : 1.1/5

asym_bcm_dg_ds_rms vs slug



Right In: 243.879 $\pm$ 0.141 χ^2 /NDF: 23239.0/3

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

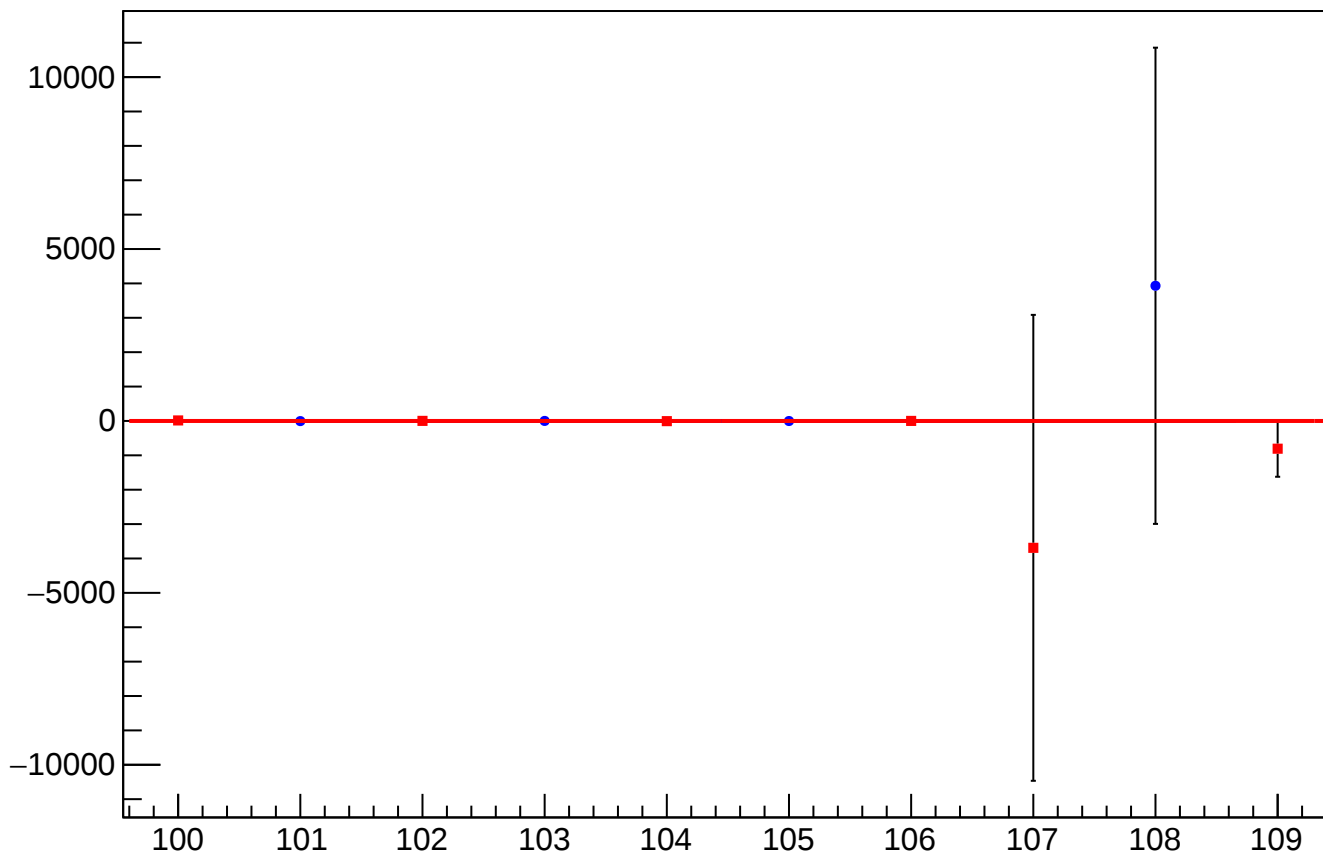
243.879 $\pm$ 0.141 χ^2 /NDF: 23239.0/3

Right Out: 167.414 $\pm$ 0.088 χ^2 /NDF: 704053.4/5

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

167.414 $\pm$ 0.088 χ^2 /NDF: 704053.4/5

asym_cav4bQ_mean vs slug



Right In: -1.527+/-2.238 χ^2 /NDF: 1.6/3

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

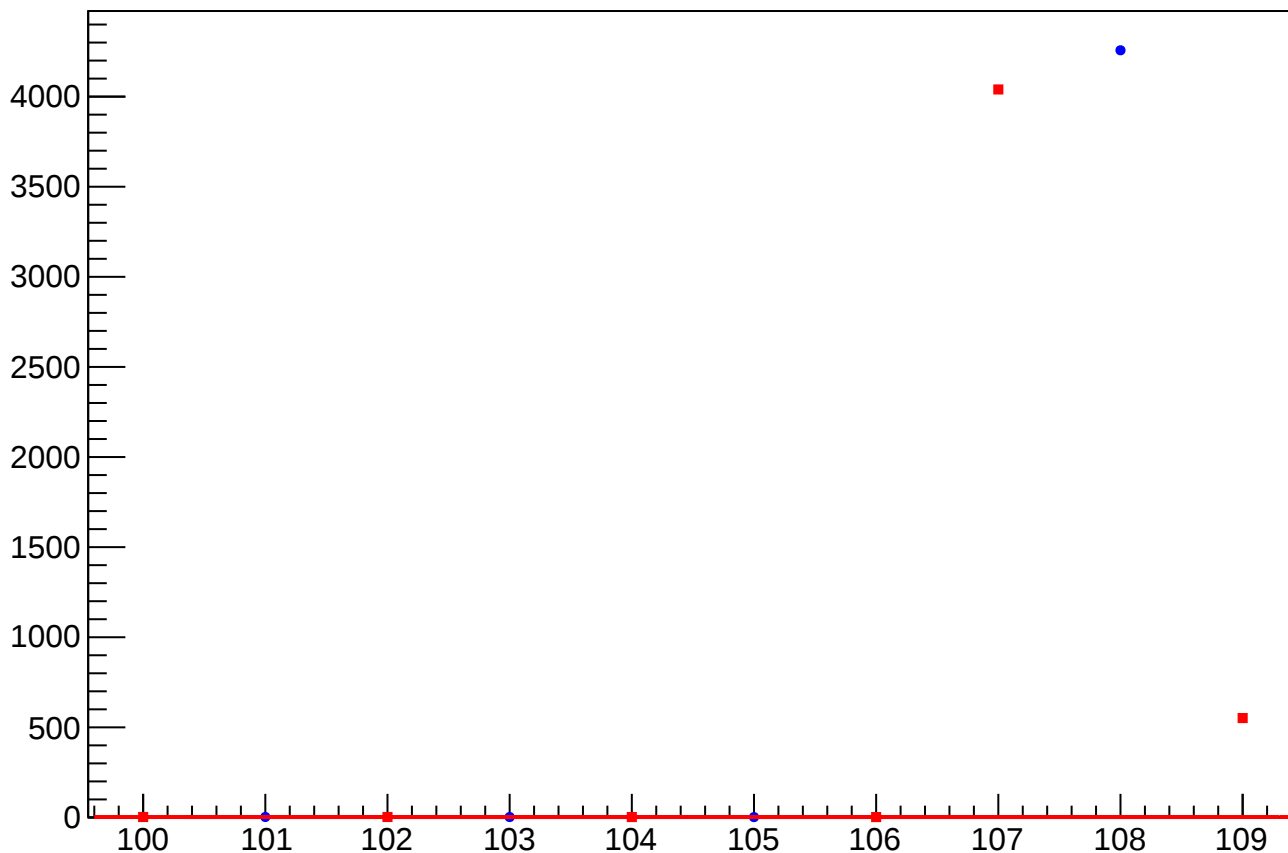
Right Out: -0.717+/-2.111 χ^2 /NDF: 7.2/5

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

-1.527+/-2.238 χ^2 /NDF: 1.6/3

-0.717+/-2.111 χ^2 /NDF: 7.2/5

asym_cav4bQ_rms vs slug



Right In: 2.405+/-0.002 χ^2 /NDF: 769052.6/3

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

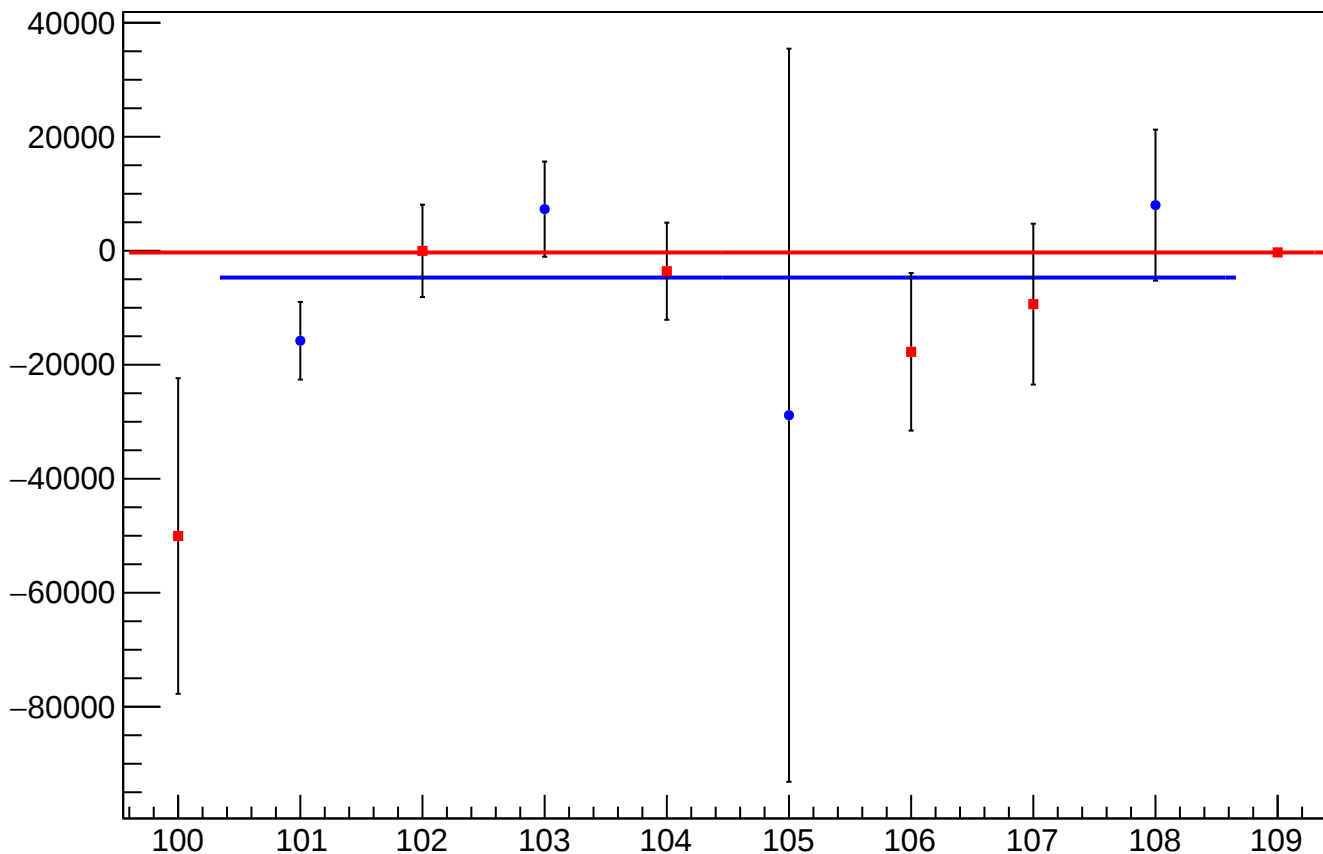
Right Out: 2.400+/-0.001 χ^2 /NDF: 1627529.3/5

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

2.405+/-0.002 χ^2 /NDF: 769052.6/3

2.400+/-0.001 χ^2 /NDF: 1627529.3/5

asym_cav4cQ_mean vs slug



Right In: -4701.915+/-4889.858 χ^2/NDF : 5.8/3

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

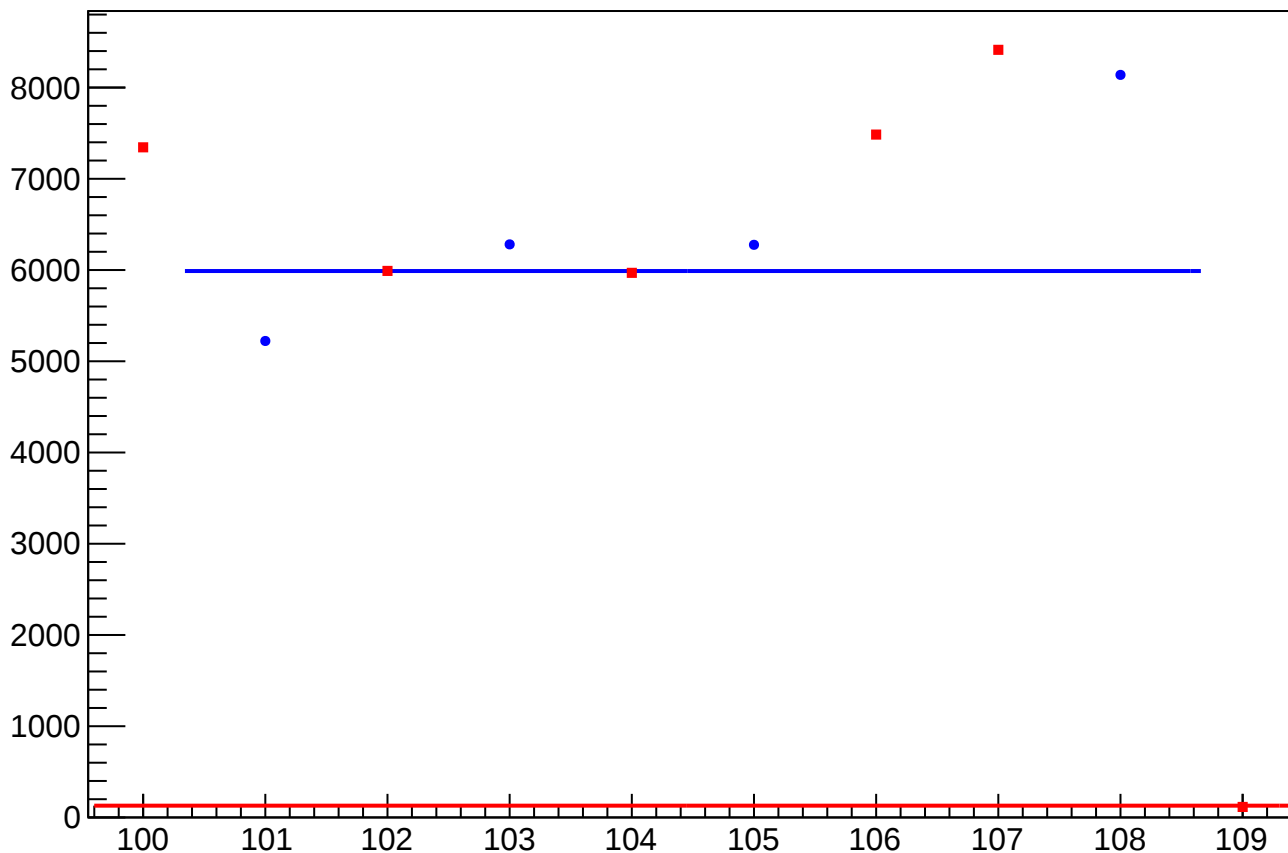
Right Out: -300.509+/-231.694 χ^2/NDF : 5.4/5

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

-4701.915+/-4889.858 χ^2/NDF : 5.8/3

-300.509+/-231.694 χ^2/NDF : 5.4/5

asym_cav4cQ_rms vs slug



Right In: 5989.077 $\pm$ 3.458 χ^2 /NDF: 80487.0/3

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

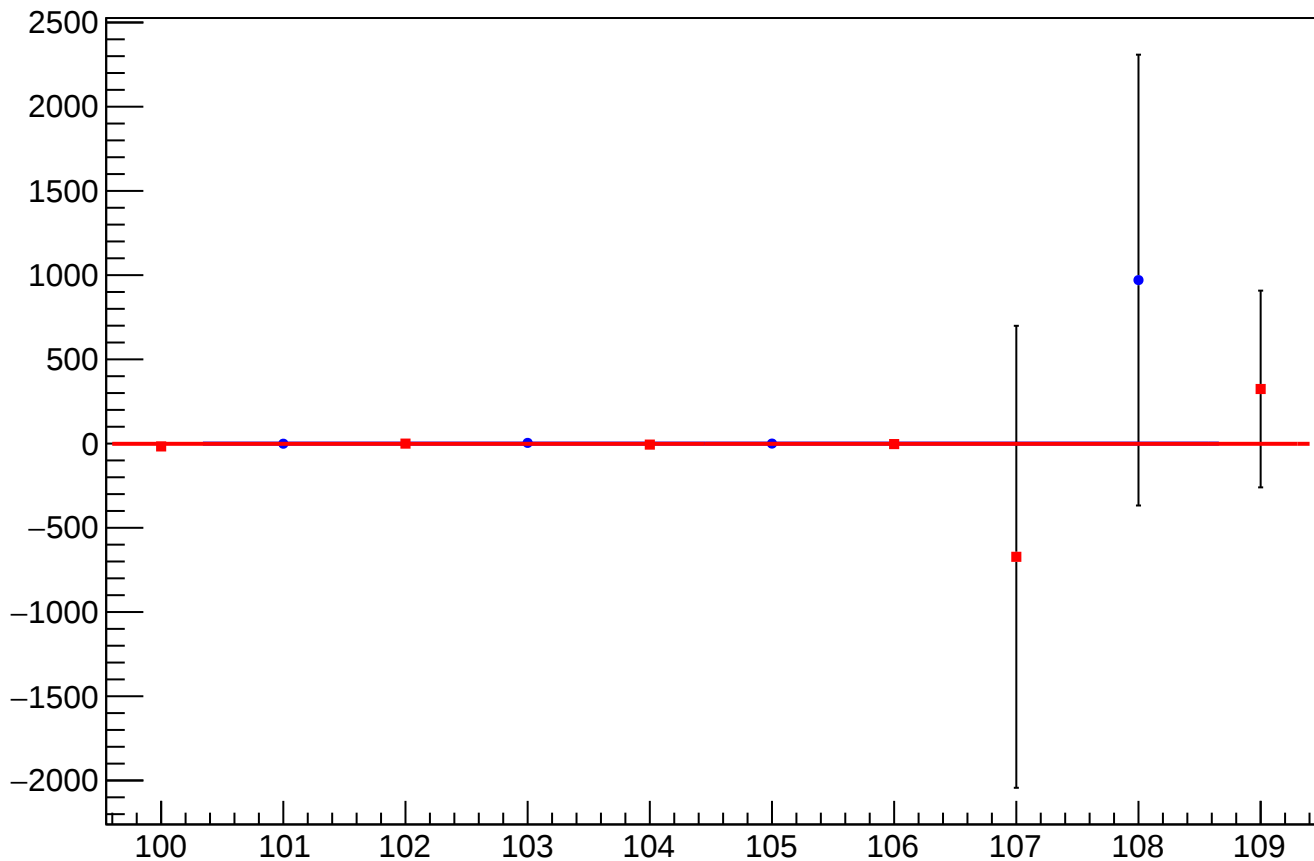
Right Out: 129.229 $\pm$ 0.164 χ^2 /NDF: 3384904.0/5

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

5989.077 $\pm$ 3.458 χ^2 /NDF: 80487.0/3

129.229 $\pm$ 0.164 χ^2 /NDF: 3384904.0/5

asym_cav4dQ_mean vs slug



Right In: -0.156+/-1.724 χ^2 /NDF: 1.4/3

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

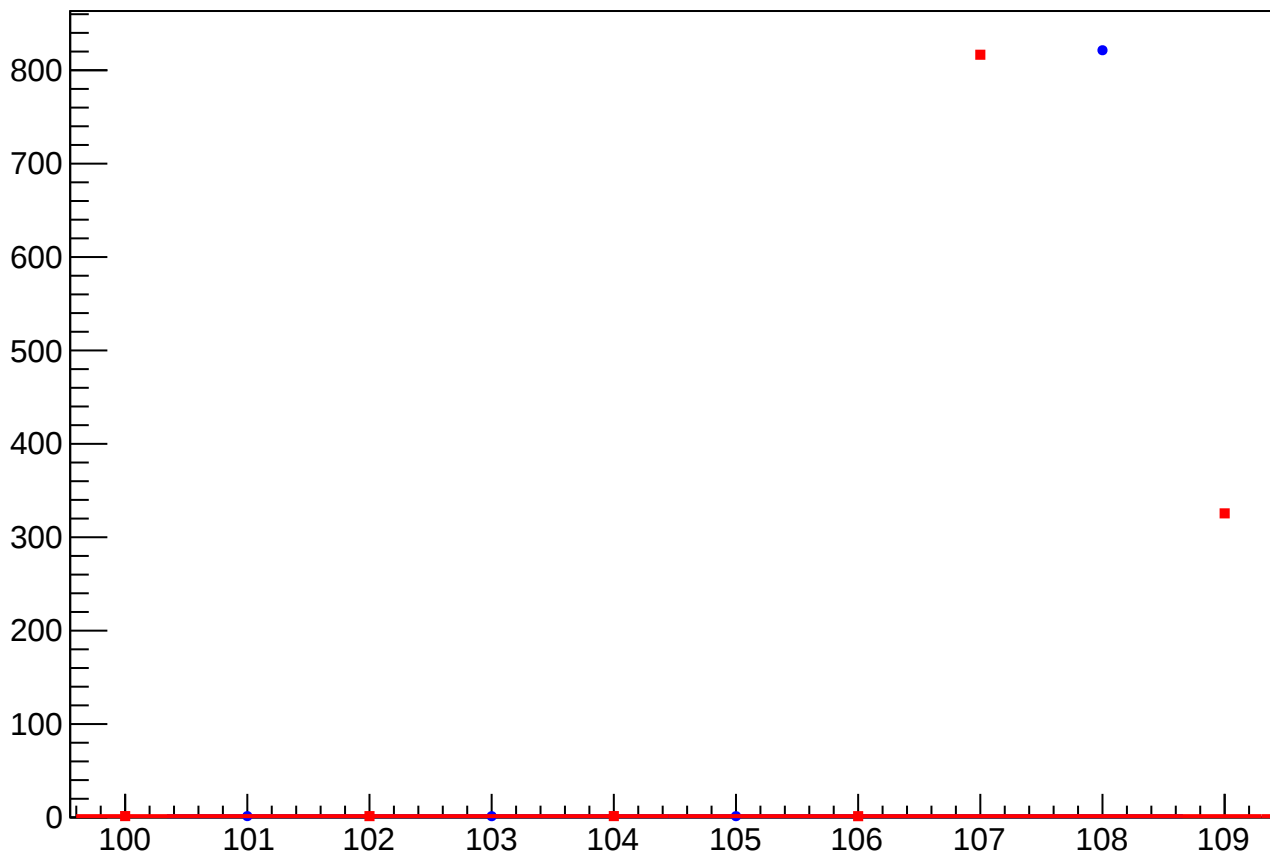
Right Out: -1.333+/-1.623 χ^2 /NDF: 3.3/5

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

-0.156+/-1.724 χ^2 /NDF: 1.4/3

-1.333+/-1.623 χ^2 /NDF: 3.3/5

asym_cav4dQ_rms vs slug



Right In: 1.412 $\pm$ 0.001 χ^2 /NDF: 751402.5/3

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

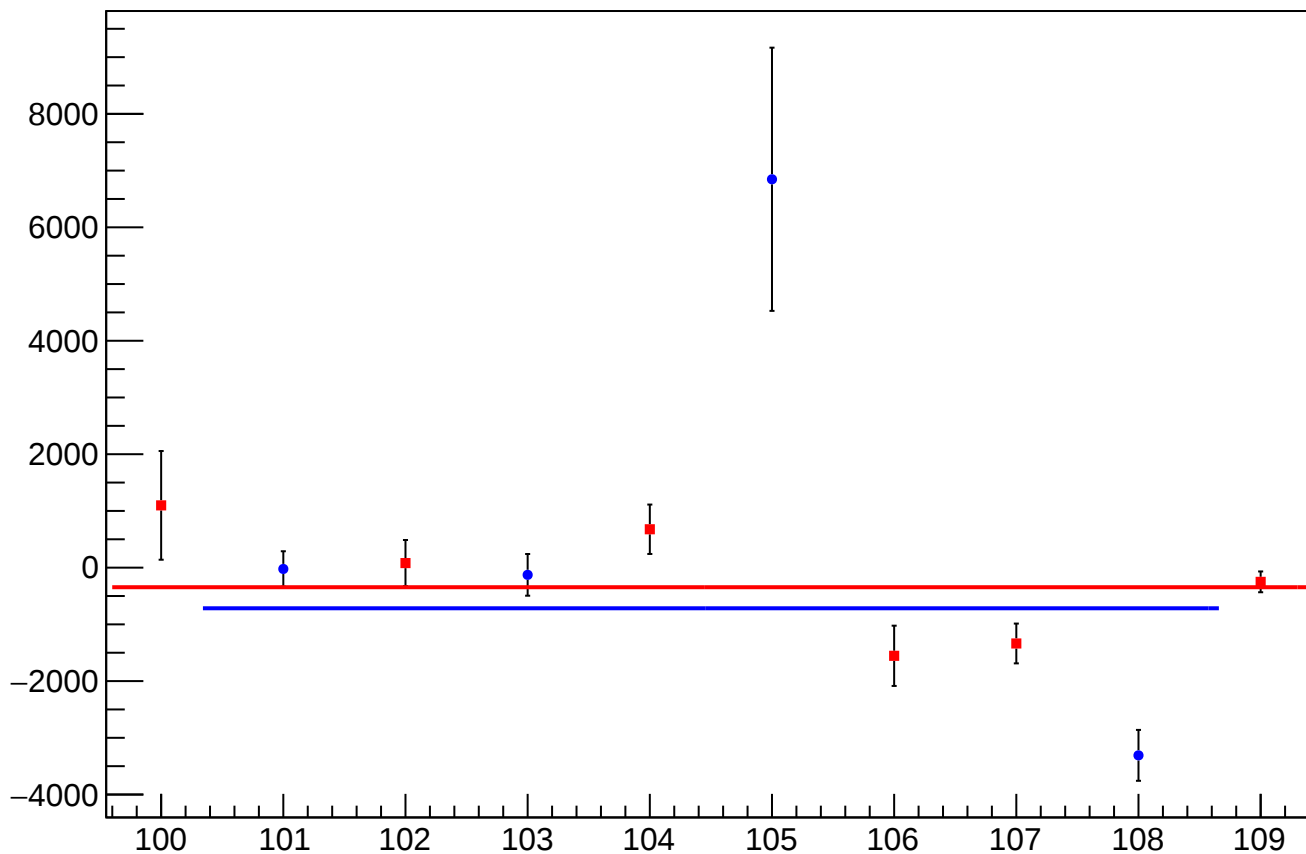
1.412 $\pm$ 0.001 χ^2 /NDF: 751402.5/3

Right Out: 1.418 $\pm$ 0.001 χ^2 /NDF: 1323566.7/5

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

1.418 $\pm$ 0.001 χ^2 /NDF: 1323566.7/5

asym_bcm0l02_mean vs slug



Right In: -716.315+/-209.316 χ^2 /NDF: 51.5/3

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

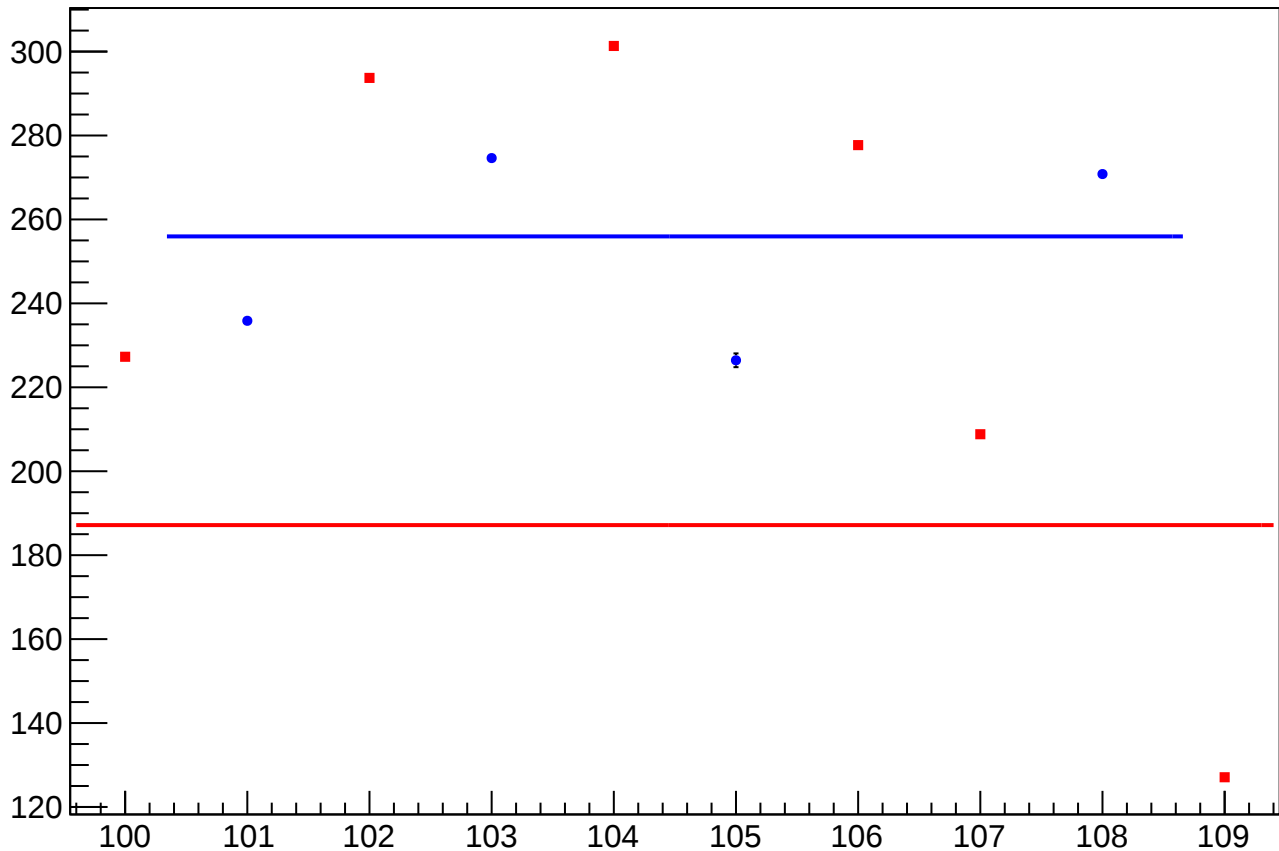
Right Out: -345.002+/-136.330 χ^2 /NDF: 22.3/5

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

-716.315+/-209.316 χ^2 /NDF: 51.5/3

-345.002+/-136.330 χ^2 /NDF: 22.3/5

asym_bcm0l02_rms vs slug



Right In: 255.956 $\pm$ 0.148 χ^2 /NDF: 15976.6/3

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

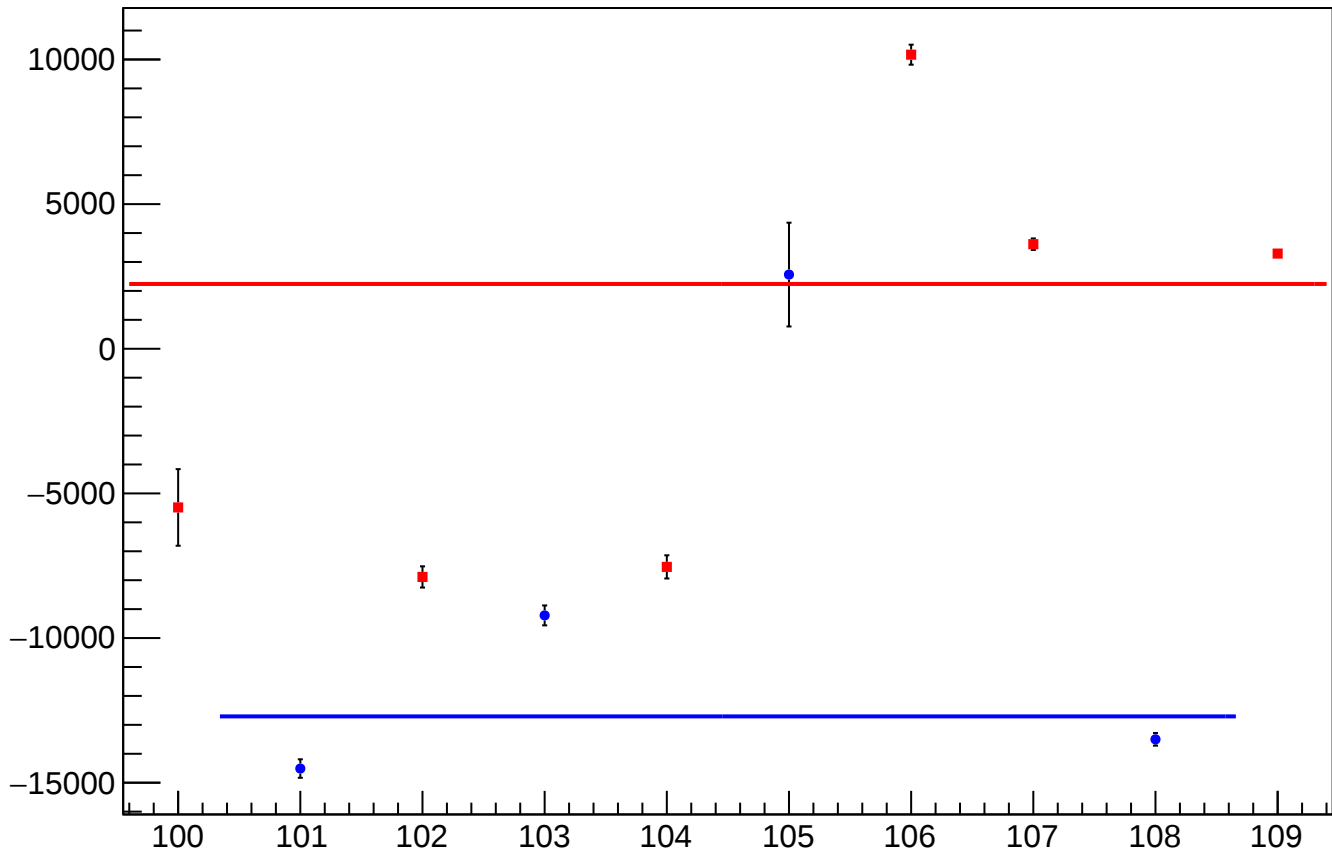
255.956 $\pm$ 0.148 χ^2 /NDF: 15976.6/3

Right Out: 187.165 $\pm$ 0.096 χ^2 /NDF: 558562.3/5

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

187.165 $\pm$ 0.096 χ^2 /NDF: 558562.3/5

asym_bpm0i02WS_mean vs slug



Right In: -12707.659+/-159.242 χ^2 /NDF: 220.3/3

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

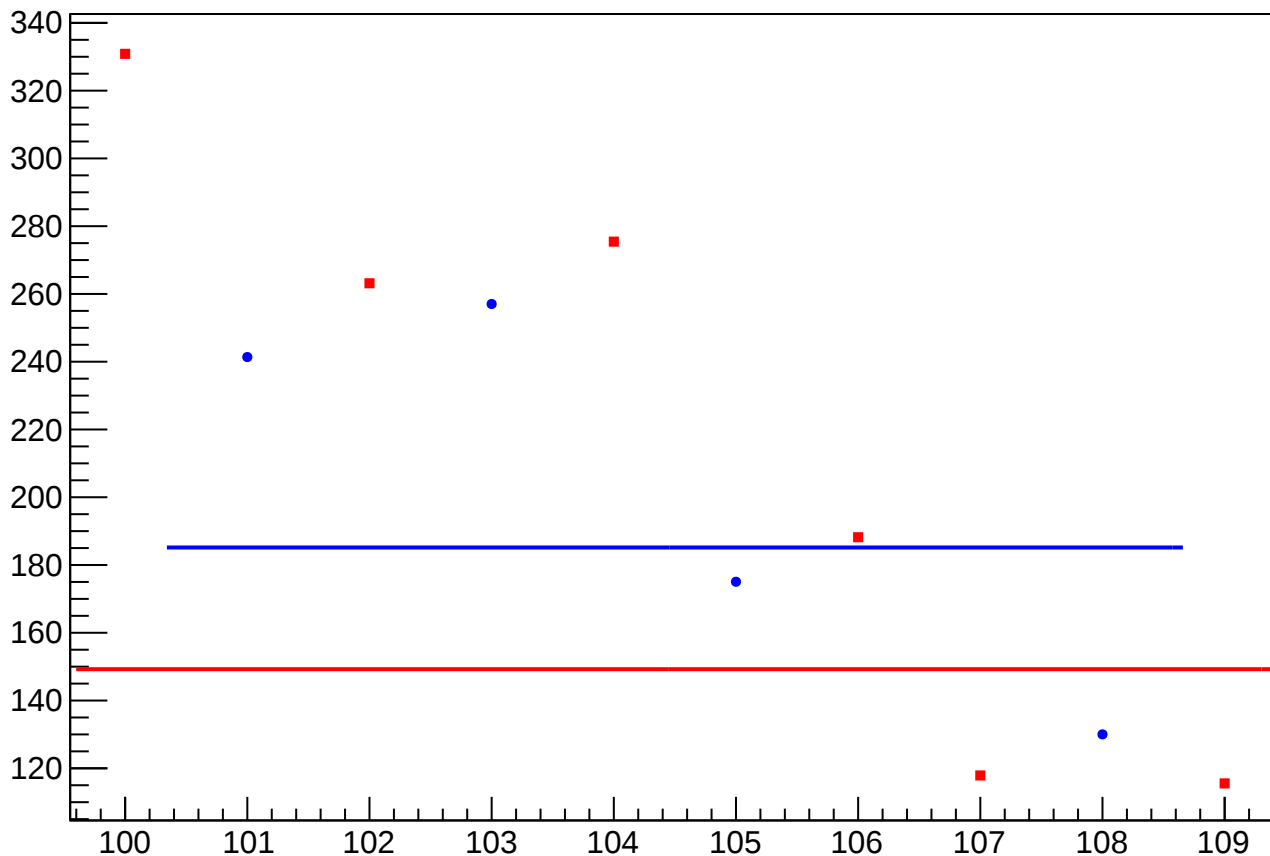
Right Out: 2240.102+/-108.155 χ^2 /NDF: 2006.2/5

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

-12707.659+/-159.242 χ^2 /NDF: 220.3/3

2240.102+/-108.155 χ^2 /NDF: 2006.2/5

asym_bpm0i02WS_rms vs slug



Right In: 185.173+/-0.113 χ^2/NDF : 276220.5/3

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

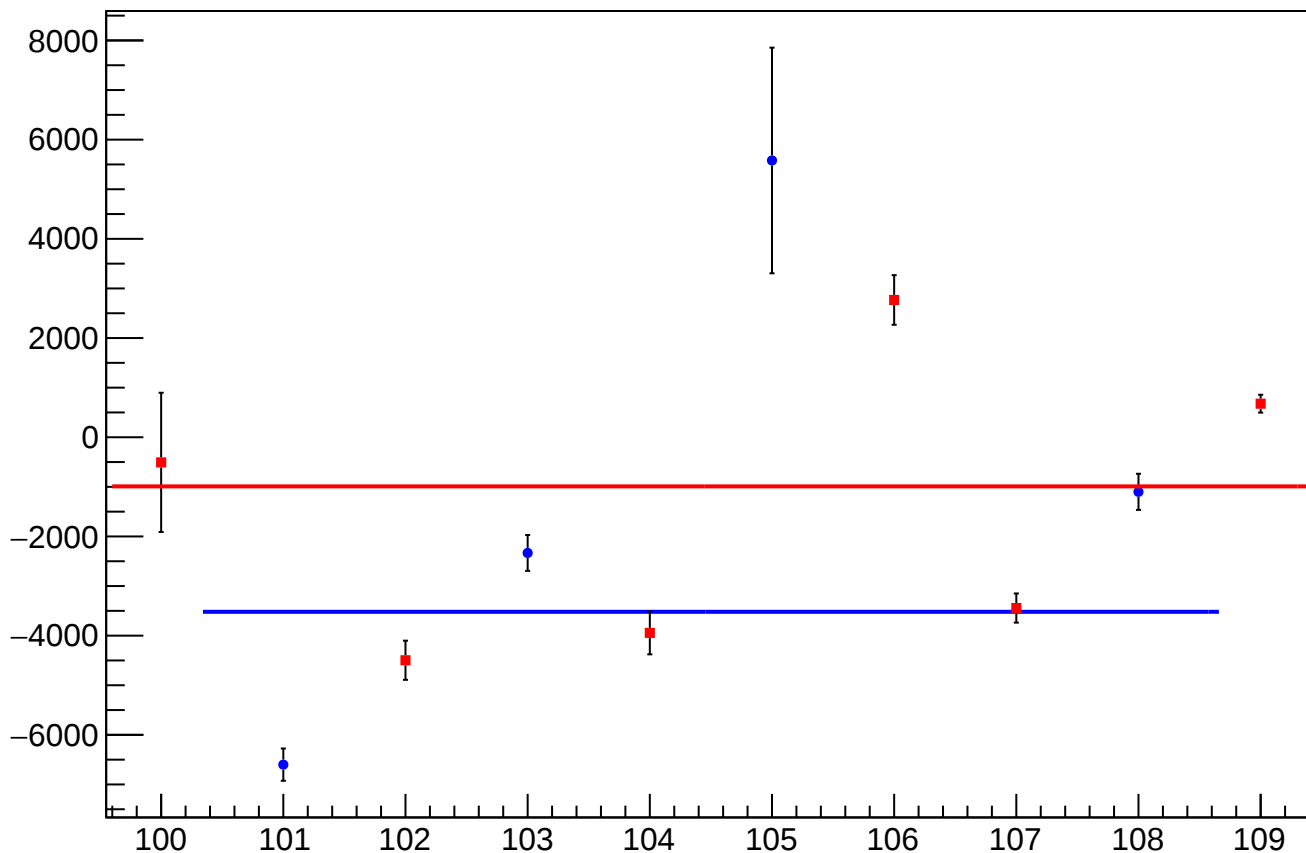
185.173+/-0.113 χ^2/NDF : 276220.5/3

Right Out: 149.254+/-0.076 χ^2/NDF : 589199.0/5

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

149.254+/-0.076 χ^2/NDF : 589199.0/5

asym_bpm0i02aWS_mean vs slug



Right In: -3519.072+/-200.679 χ^2/NDF : 160.6/3

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

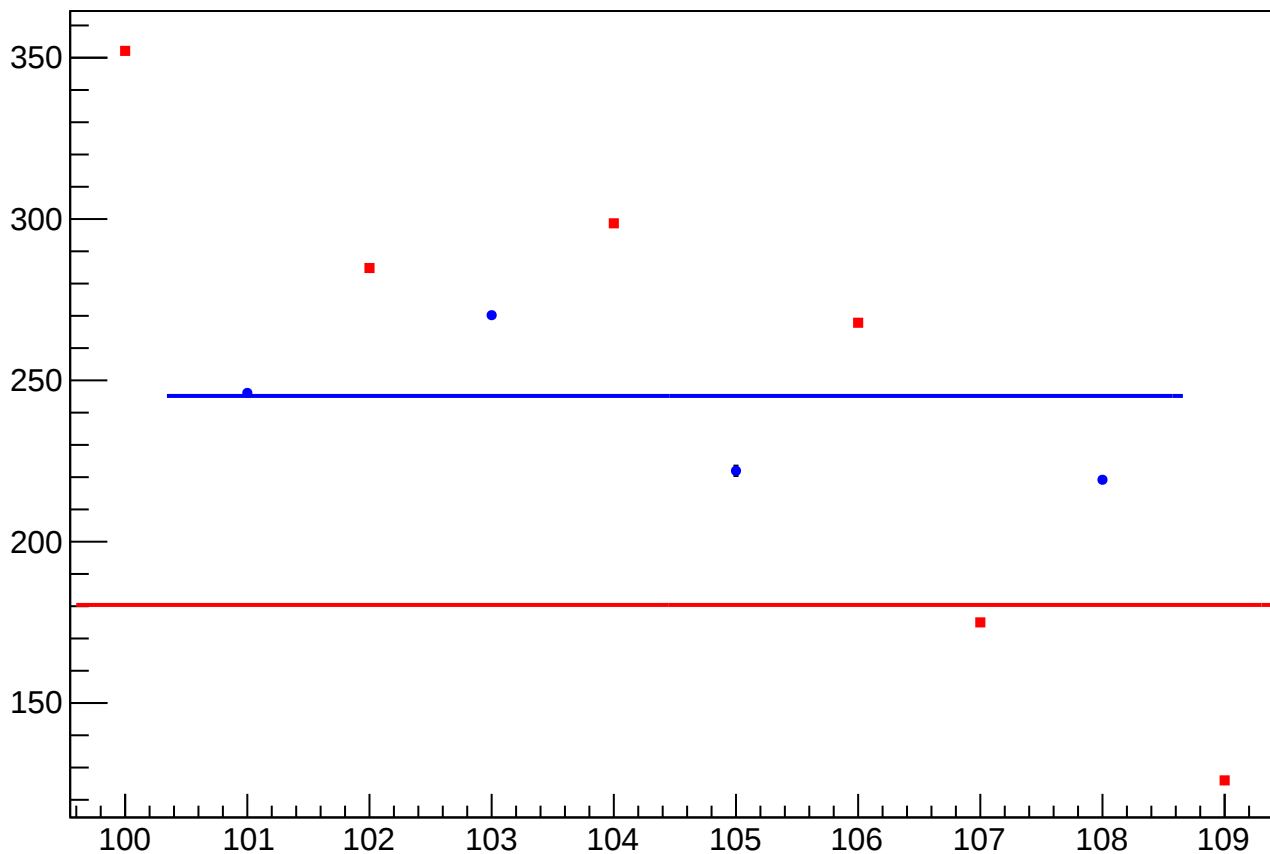
Right Out: -990.394+/-130.524 χ^2/NDF : 337.5/5

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

-3519.072+/-200.679 χ^2/NDF : 160.6/3

-990.394+/-130.524 χ^2/NDF : 337.5/5

asym_bpm0i02aWS_rms vs slug



Right In: 245.176+/-0.142 χ^2/NDF : 20001.6/3

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

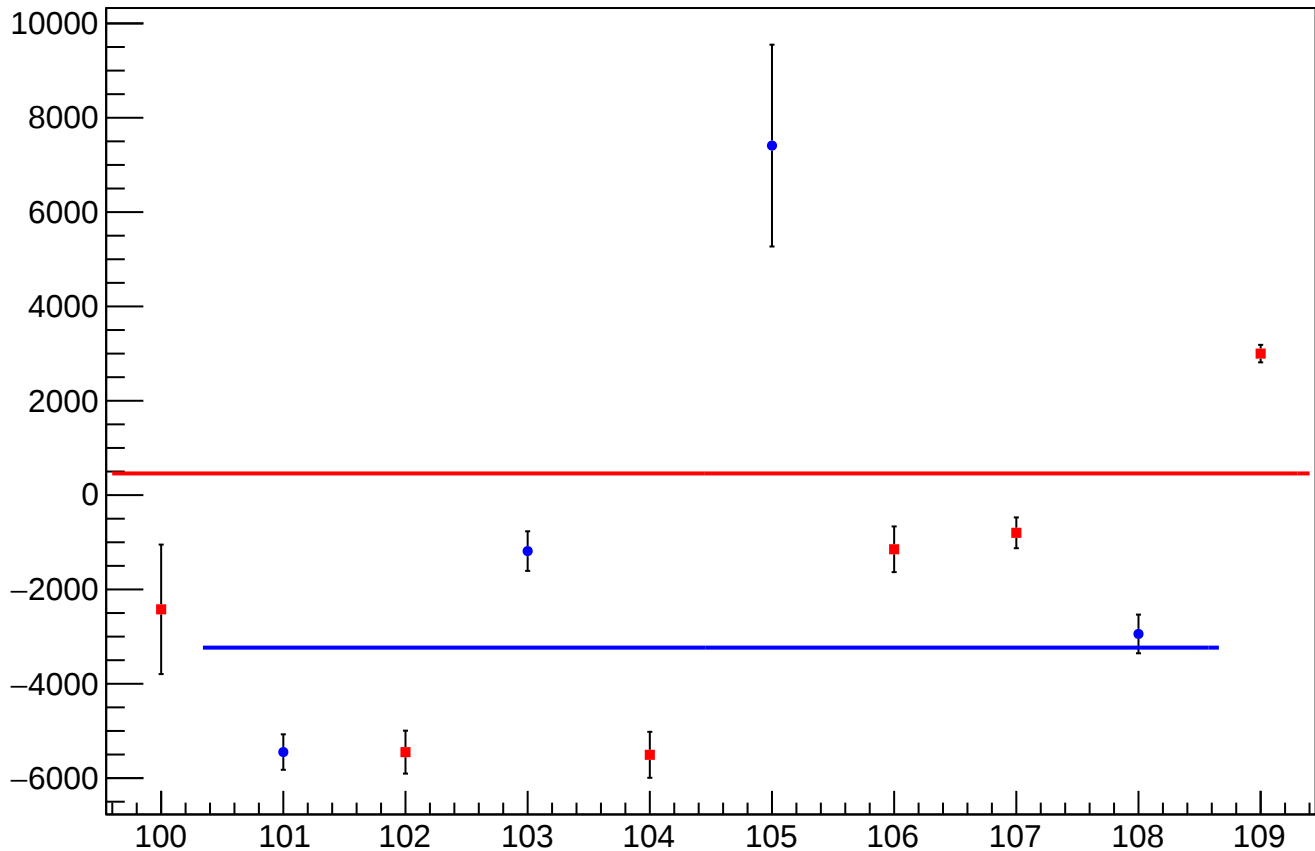
245.176+/-0.142 χ^2/NDF : 20001.6/3

Right Out: 180.398+/-0.092 χ^2/NDF : 563950.1/5

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

180.398+/-0.092 χ^2/NDF : 563950.1/5

asym_bpm0i05WS_mean vs slug



Right In: -3233.387+/-229.943 χ^2/NDF : 83.7/3

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

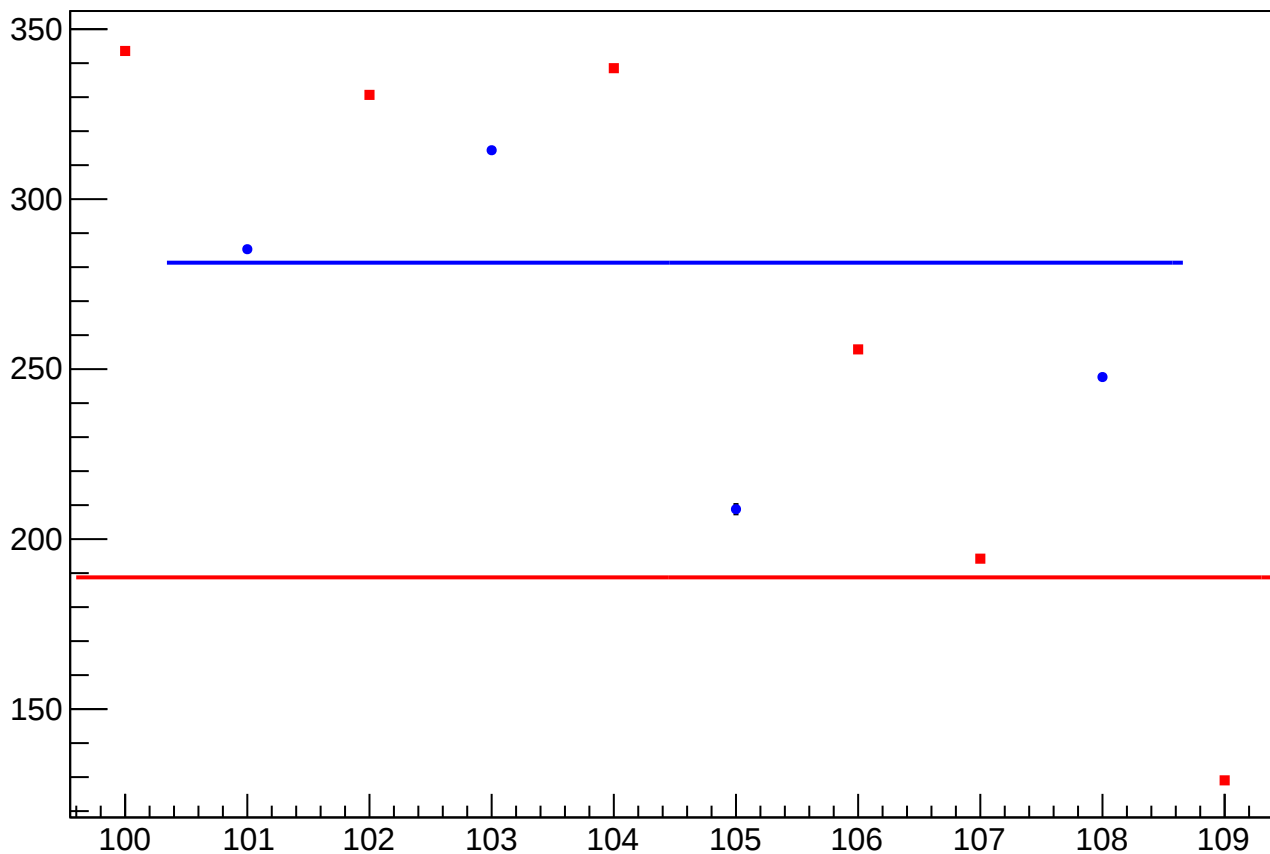
Right Out: 459.485+/-138.306 χ^2/NDF : 536.2/5

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

-3233.387+/-229.943 χ^2/NDF : 83.7/3

459.485+/-138.306 χ^2/NDF : 536.2/5

asym_bpm0i05WS_rms vs slug



Right In: 281.312+/-0.163 χ^2/NDF : 28391.5/3

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

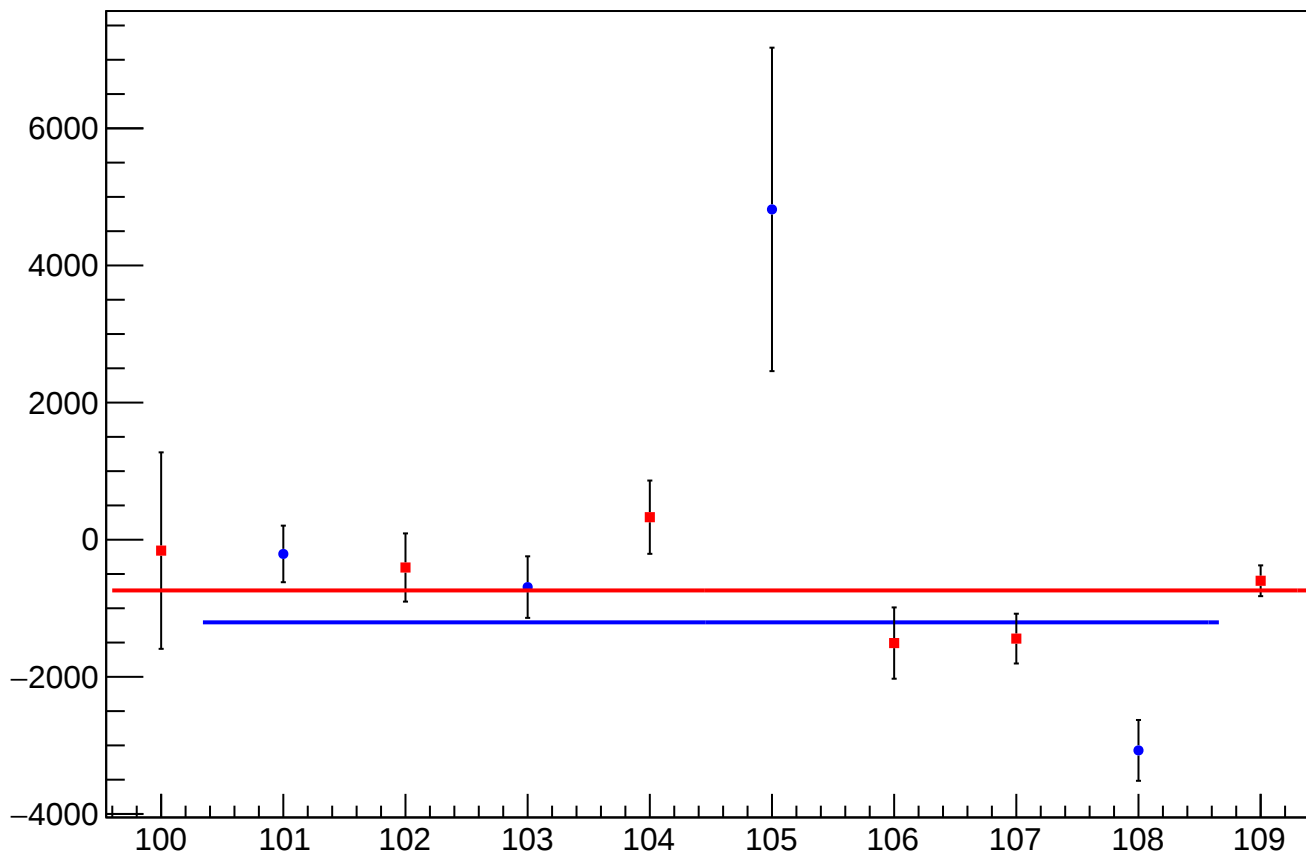
Right Out: 188.751+/-0.098 χ^2/NDF : 654855.6/5

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

281.312+/-0.163 χ^2/NDF : 28391.5/3

188.751+/-0.098 χ^2/NDF : 654855.6/5

asym_bpm0i07WS_mean vs slug



Right In: -1205.235 $\pm$ 249.222 χ^2 /NDF: 31.4/3

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

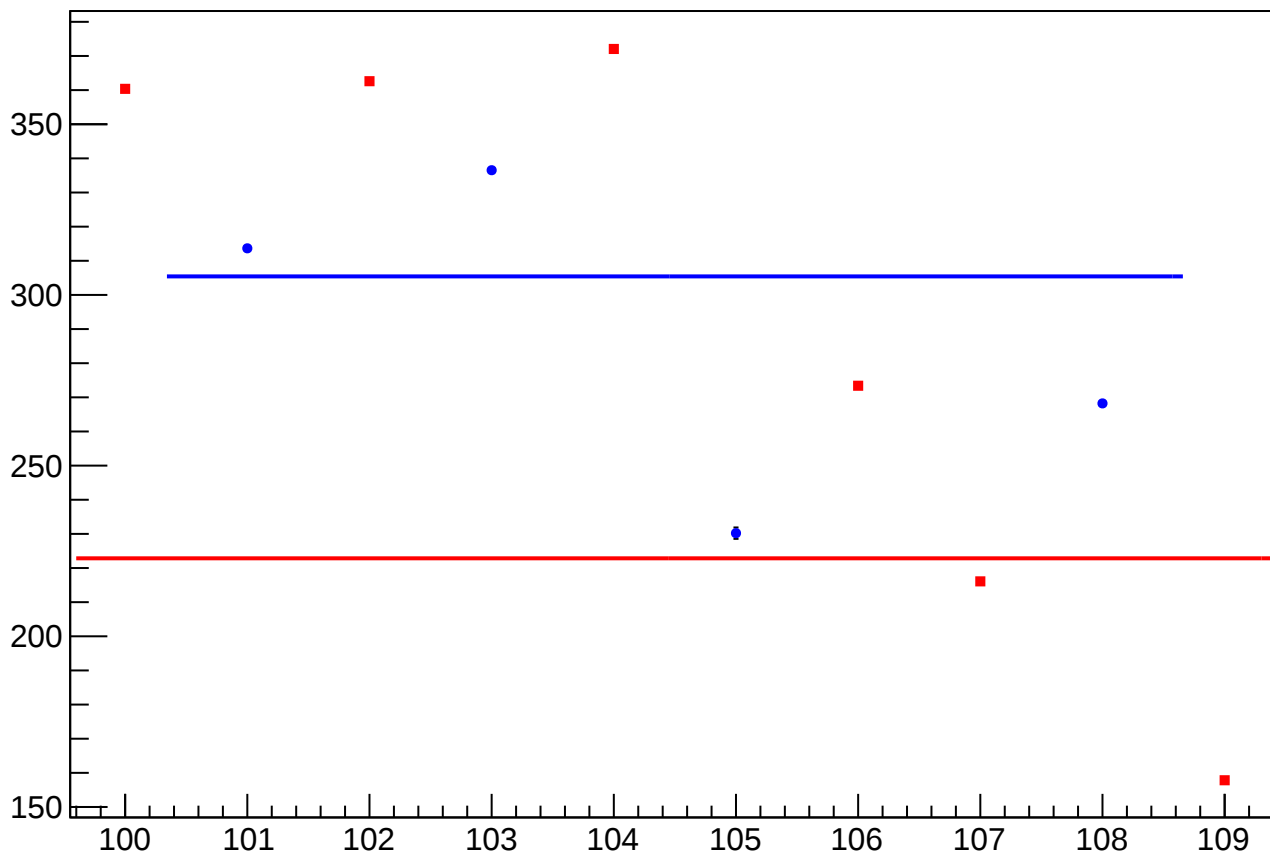
Right Out: -739.756 $\pm$ 159.800 χ^2 /NDF: 10.9/5

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

-1205.235 $\pm$ 249.222 χ^2 /NDF: 31.4/3

-739.756 $\pm$ 159.800 χ^2 /NDF: 10.9/5

asym_bpm0i07WS_rms vs slug



Right In: 305.429+/-0.176 χ^2/NDF : 26505.4/3

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

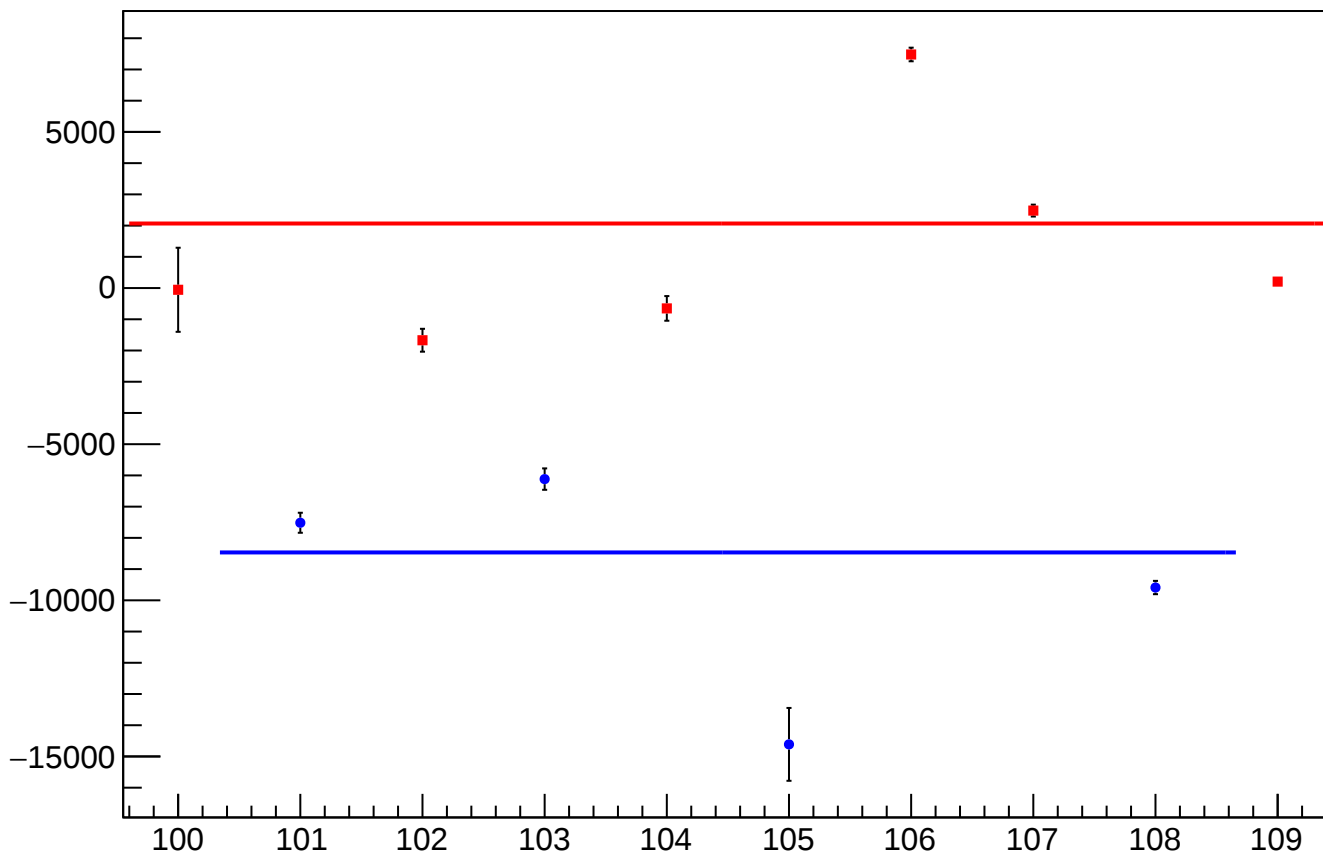
Right Out: 222.844+/-0.113 χ^2/NDF : 519523.3/5

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

305.429+/-0.176 χ^2/NDF : 26505.4/3

222.844+/-0.113 χ^2/NDF : 519523.3/5

asym_bpm1i02WS_mean vs slug



Right In: -8466.614 $\pm$ 156.257 χ^2 /NDF: 111.2/3

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

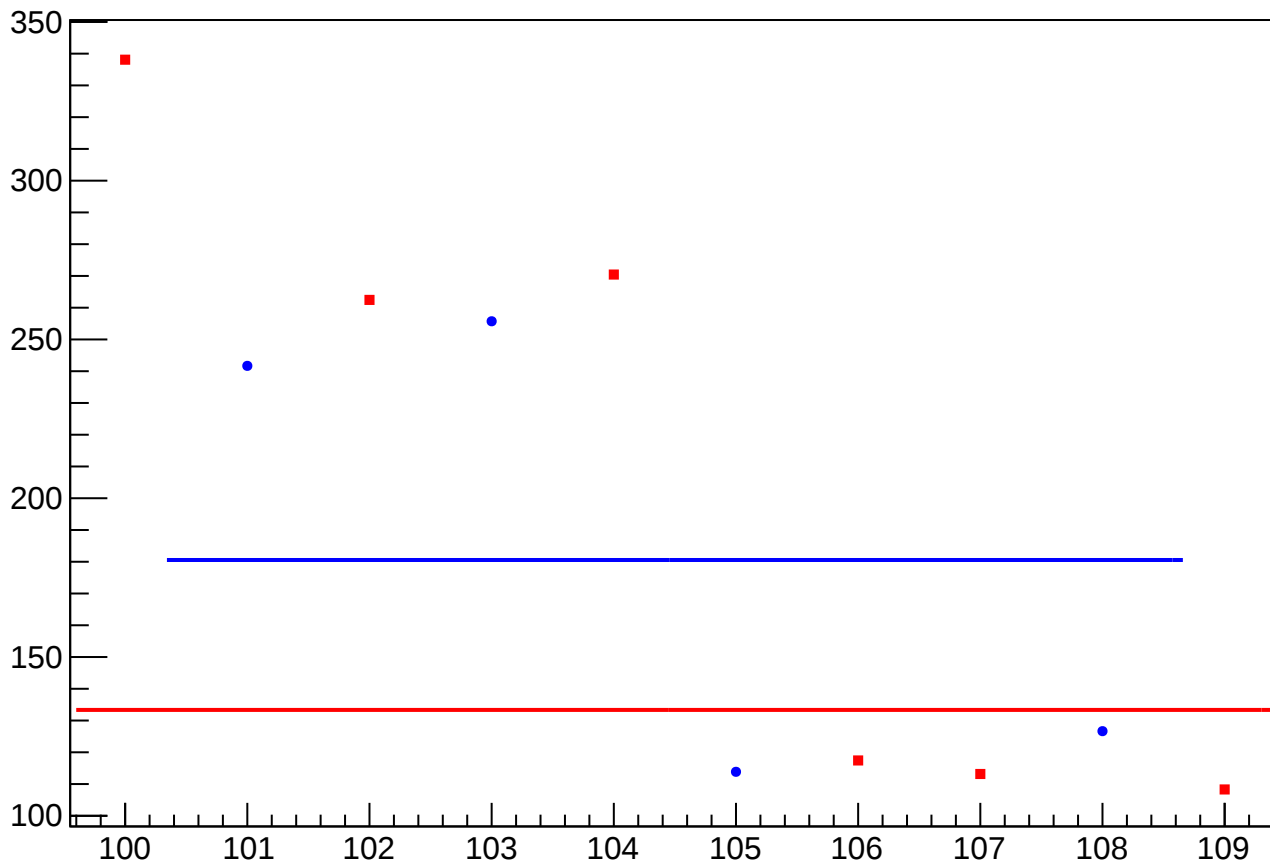
Right Out: 2066.921 $\pm$ 97.363 χ^2 /NDF: 923.1/5

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

-8466.614 $\pm$ 156.257 χ^2 /NDF: 111.2/3

2066.921 $\pm$ 97.363 χ^2 /NDF: 923.1/5

asym_bpm1i02WS_rms vs slug



Right In: 180.553+/-0.110 χ^2/NDF : 303138.7/3

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

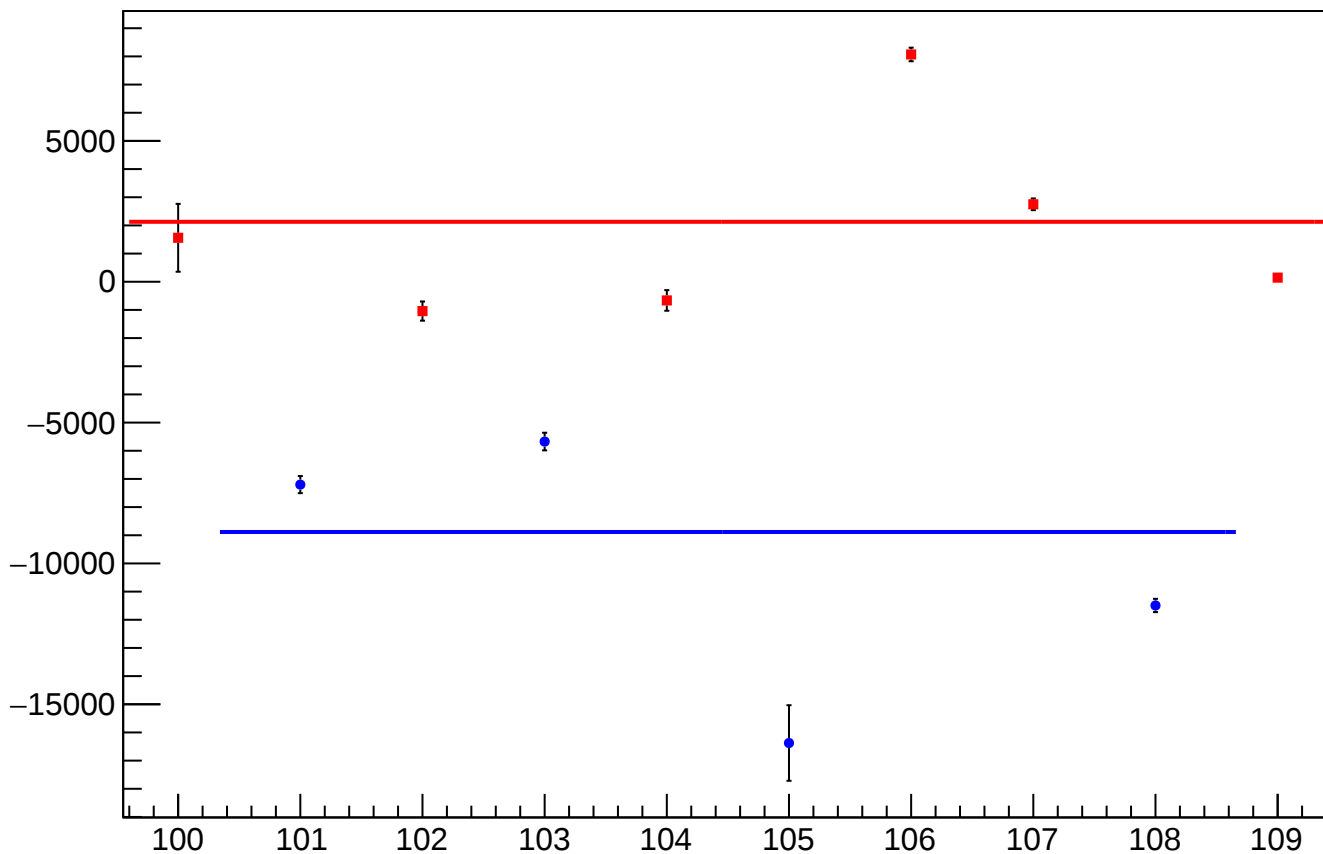
180.553+/-0.110 χ^2/NDF : 303138.7/3

Right Out: 133.342+/-0.069 χ^2/NDF : 622163.7/5

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

133.342+/-0.069 χ^2/NDF : 622163.7/5

asym_bpm2i01WS_mean vs slug



Right In: -8883.594+/-159.156 χ^2/NDF : 288.8/3

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

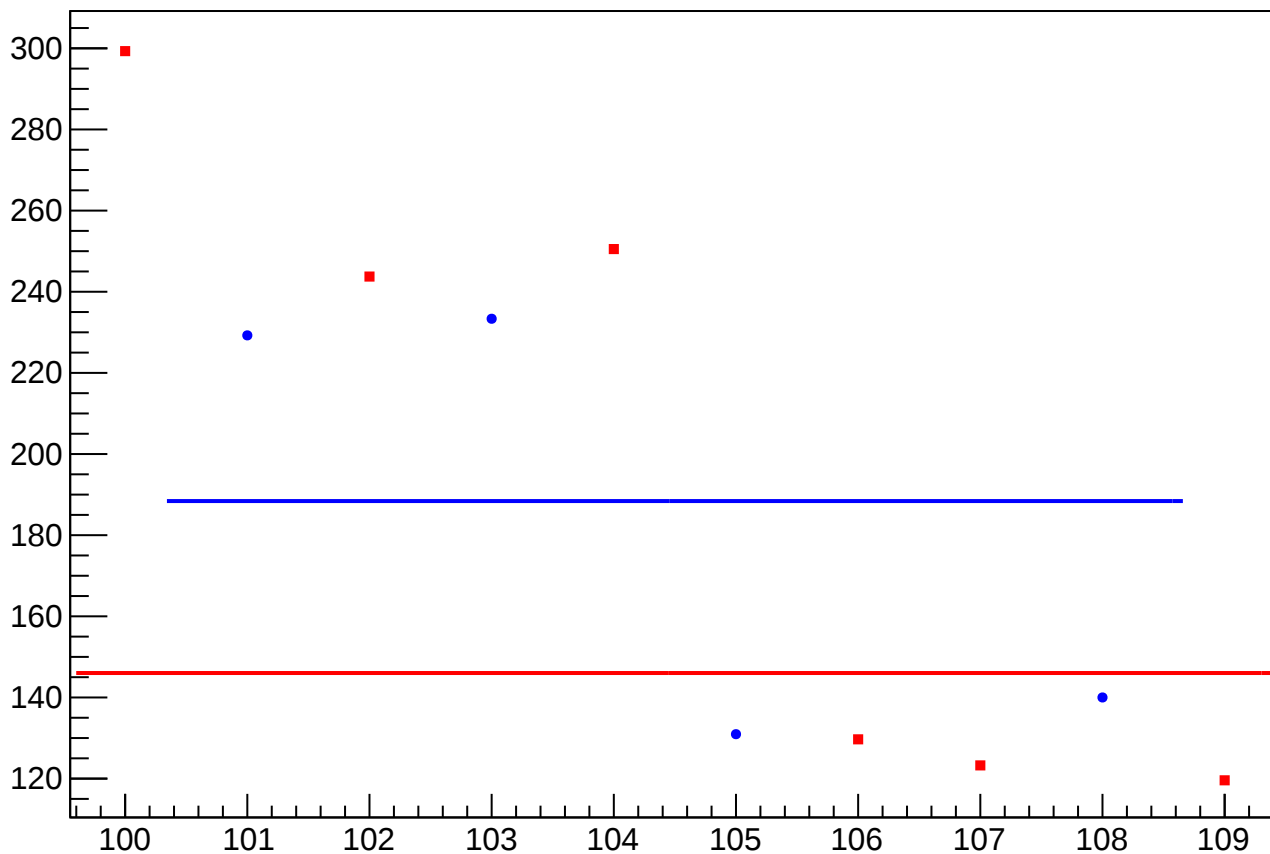
Right Out: 2128.191+/-104.411 χ^2/NDF : 898.1/5

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

-8883.594+/-159.156 χ^2/NDF : 288.8/3

2128.191+/-104.411 χ^2/NDF : 898.1/5

asym_bpm2i01WS_rms vs slug



Right In: 188.411+/-0.113 χ^2/NDF : 164873.8/3

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

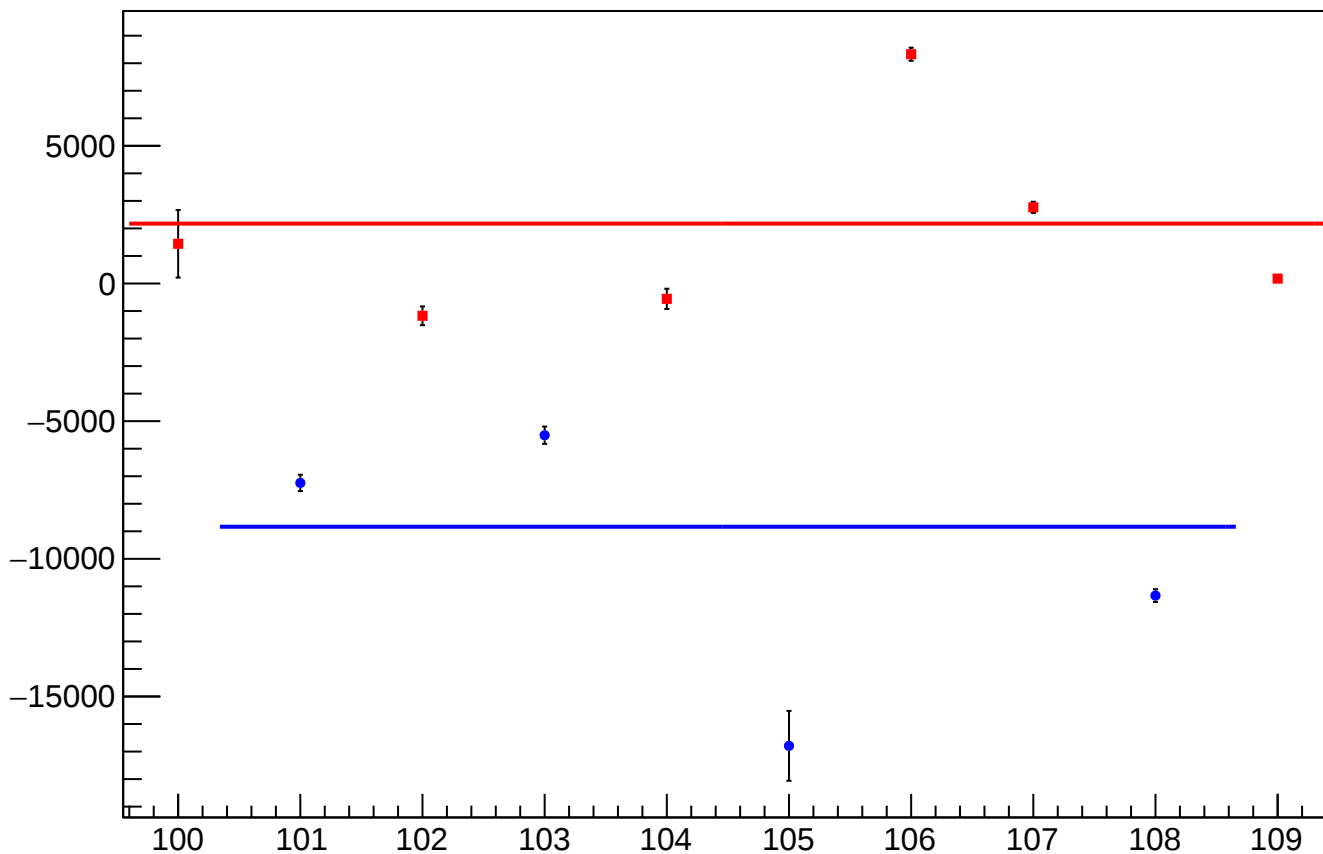
188.411+/-0.113 χ^2/NDF : 164873.8/3

Right Out: 146.027+/-0.074 χ^2/NDF : 440764.8/5

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

146.027+/-0.074 χ^2/NDF : 440764.8/5

asym_bpm2i02WS_mean vs slug



Right In: -8834.217+/-156.792 χ^2/NDF : 295.9/3

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

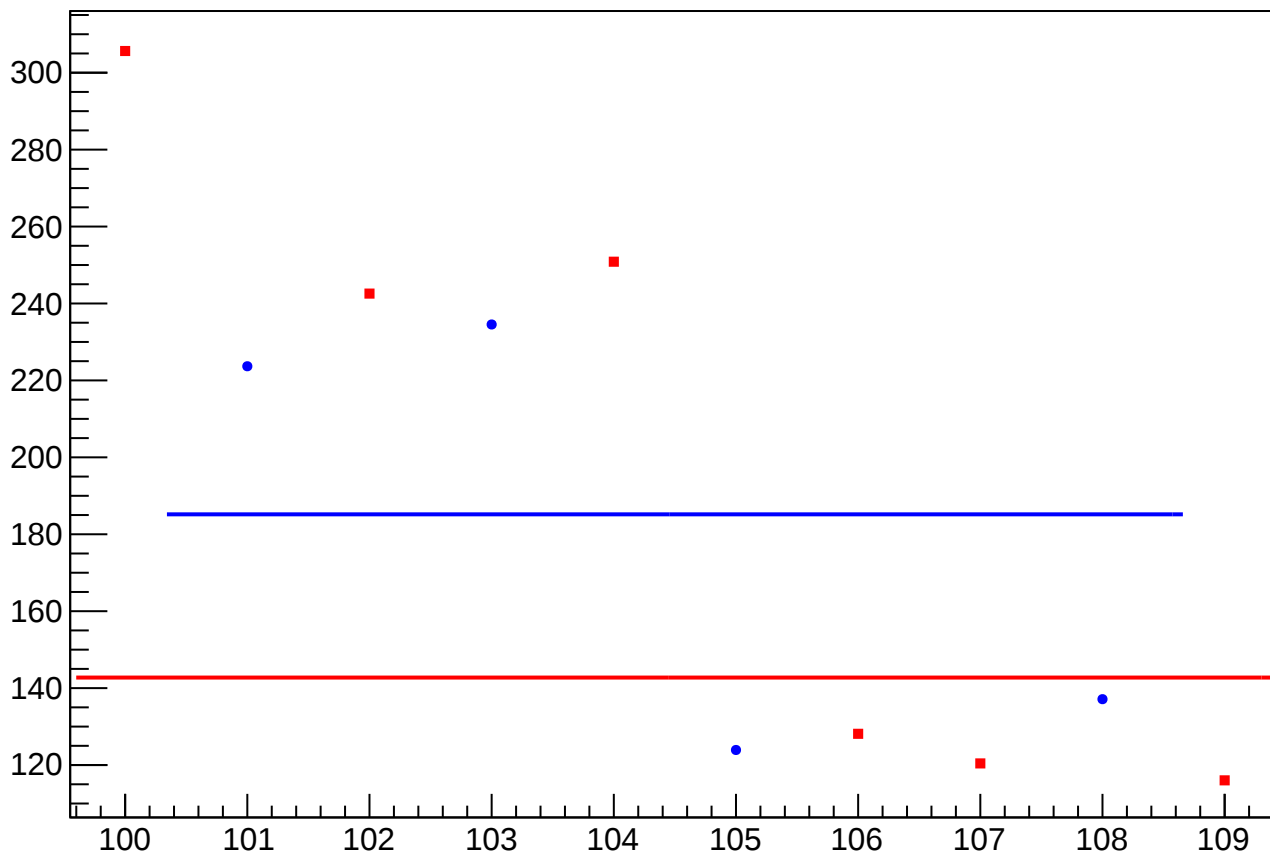
Right Out: 2174.801+/-102.496 χ^2/NDF : 974.3/5

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

-8834.217+/-156.792 χ^2/NDF : 295.9/3

2174.801+/-102.496 χ^2/NDF : 974.3/5

asym_bpm2i02WS_rms vs slug



Right In: 185.182+/-0.111 χ^2/NDF : 173491.5/3

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

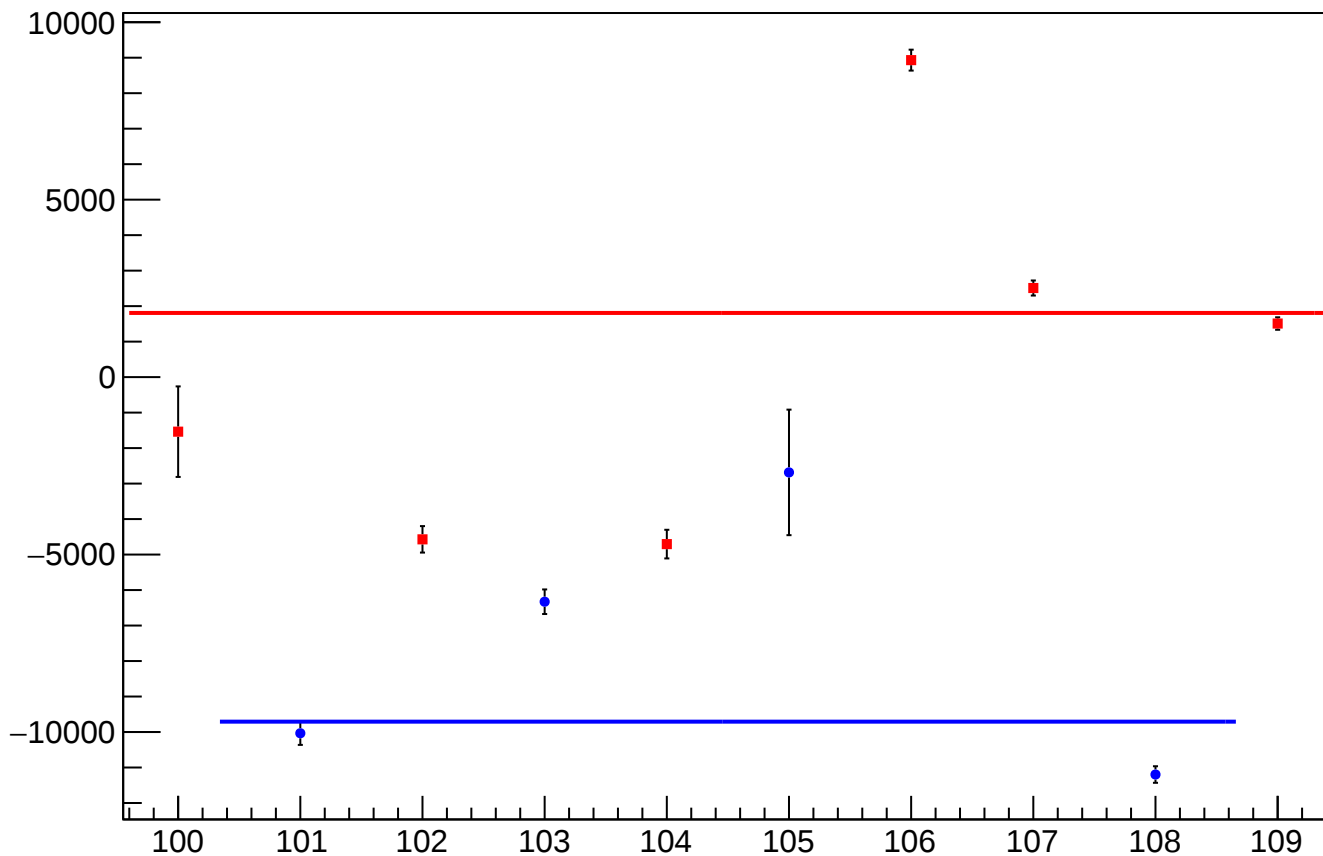
185.182+/-0.111 χ^2/NDF : 173491.5/3

Right Out: 142.746+/-0.072 χ^2/NDF : 465398.8/5

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

142.746+/-0.072 χ^2/NDF : 465398.8/5

asym_bpm0i01WS_mean vs slug



Right In: -9707.930 $\pm$ 165.932 χ^2 /NDF: 152.8/3

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

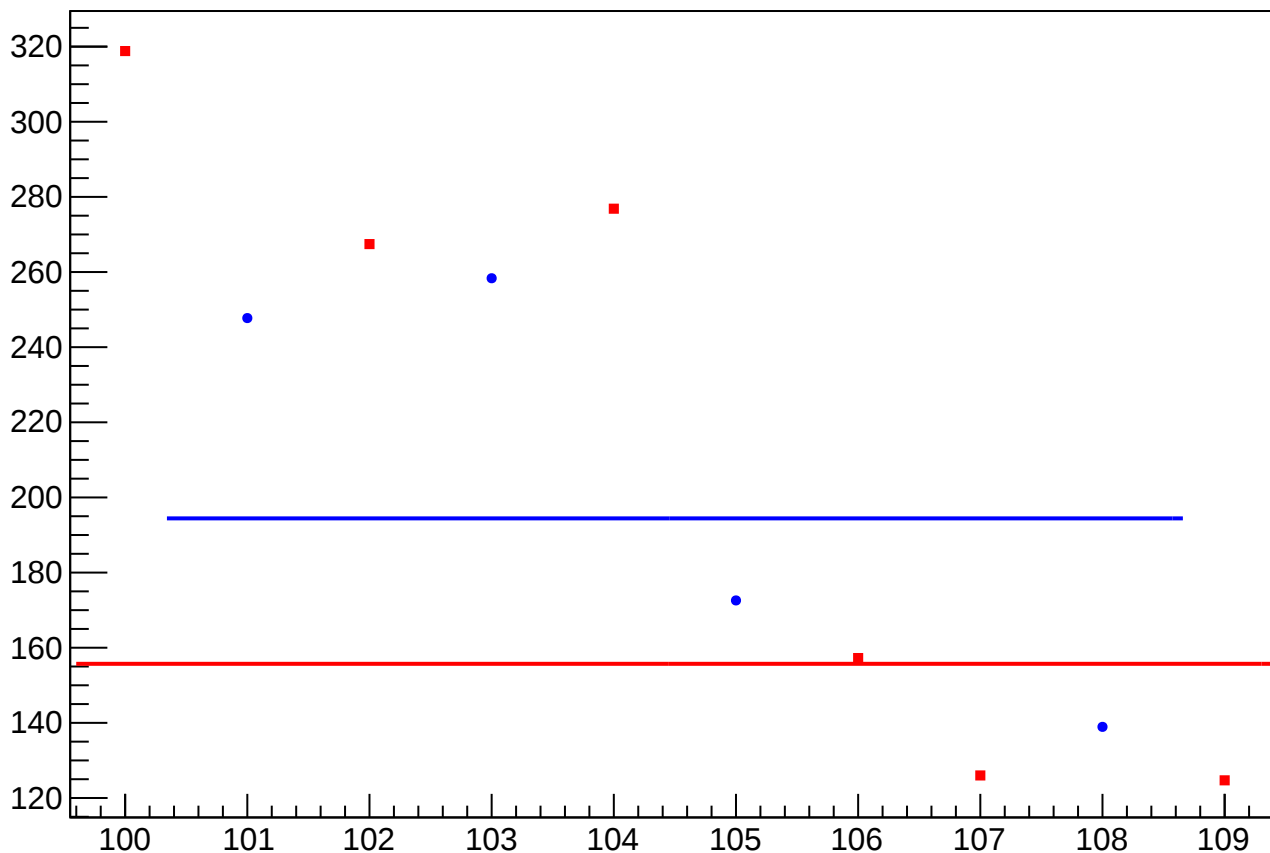
Right Out: 1807.996 $\pm$ 111.742 χ^2 /NDF: 1157.9/5

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

-9707.930 $\pm$ 165.932 χ^2 /NDF: 152.8/3

1807.996 $\pm$ 111.742 χ^2 /NDF: 1157.9/5

asym_bpm0i01WS_rms vs slug



Right In: 194.429+/-0.117 χ^2/NDF : 234416.3/3

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

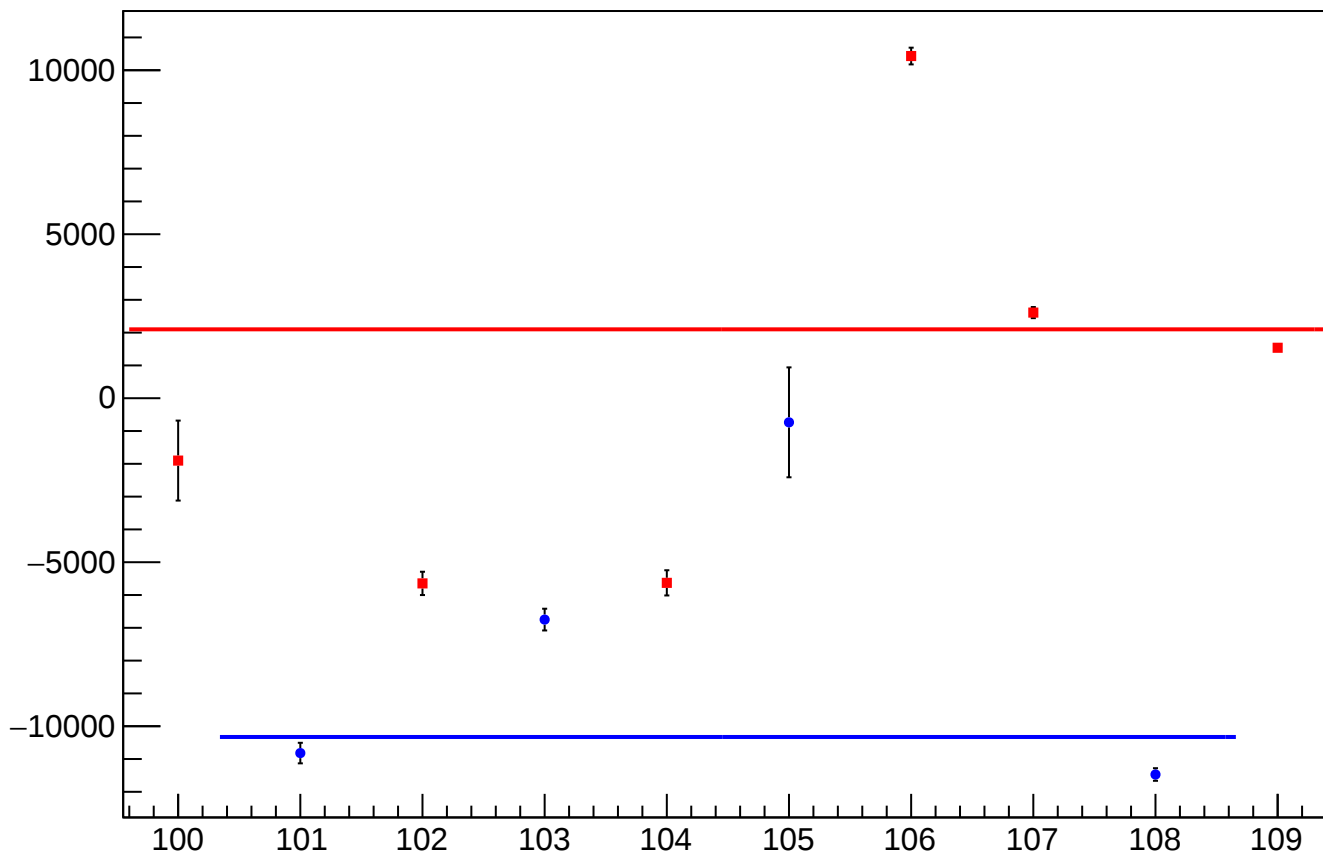
194.429+/-0.117 χ^2/NDF : 234416.3/3

Right Out: 155.716+/-0.079 χ^2/NDF : 494133.8/5

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

155.716+/-0.079 χ^2/NDF : 494133.8/5

asym_bpm0i01aWS_mean vs slug



Right In: -10328.261+/-146.222 χ^2 /NDF: 187.4/3

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

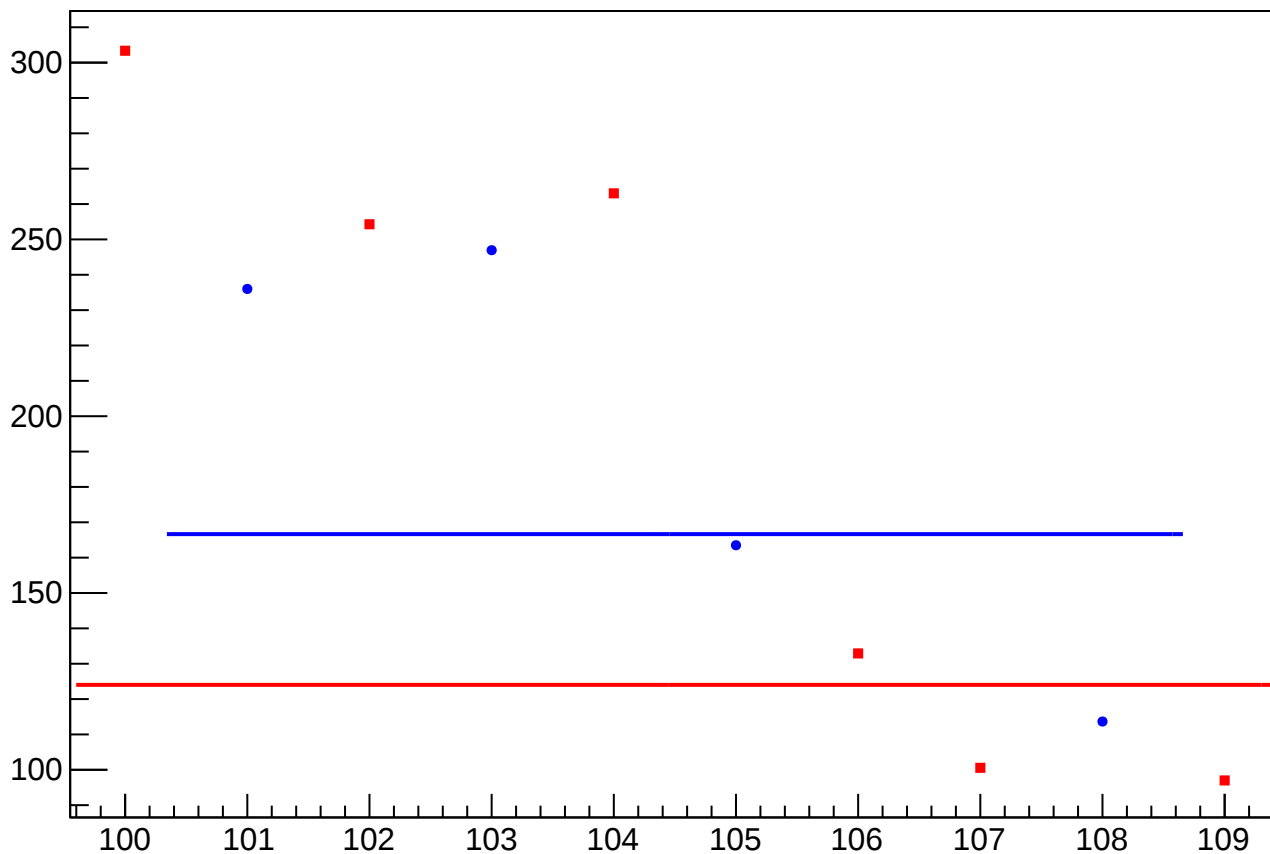
Right Out: 2100.157+/-92.118 χ^2 /NDF: 1983.1/5

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

-10328.261+/-146.222 χ^2 /NDF: 187.4/3

2100.157+/-92.118 χ^2 /NDF: 1983.1/5

asym_bpm0i01aWS_rms vs slug



Right In: 166.653 $\pm$ 0.103 χ^2 /NDF: 367797.4/3

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

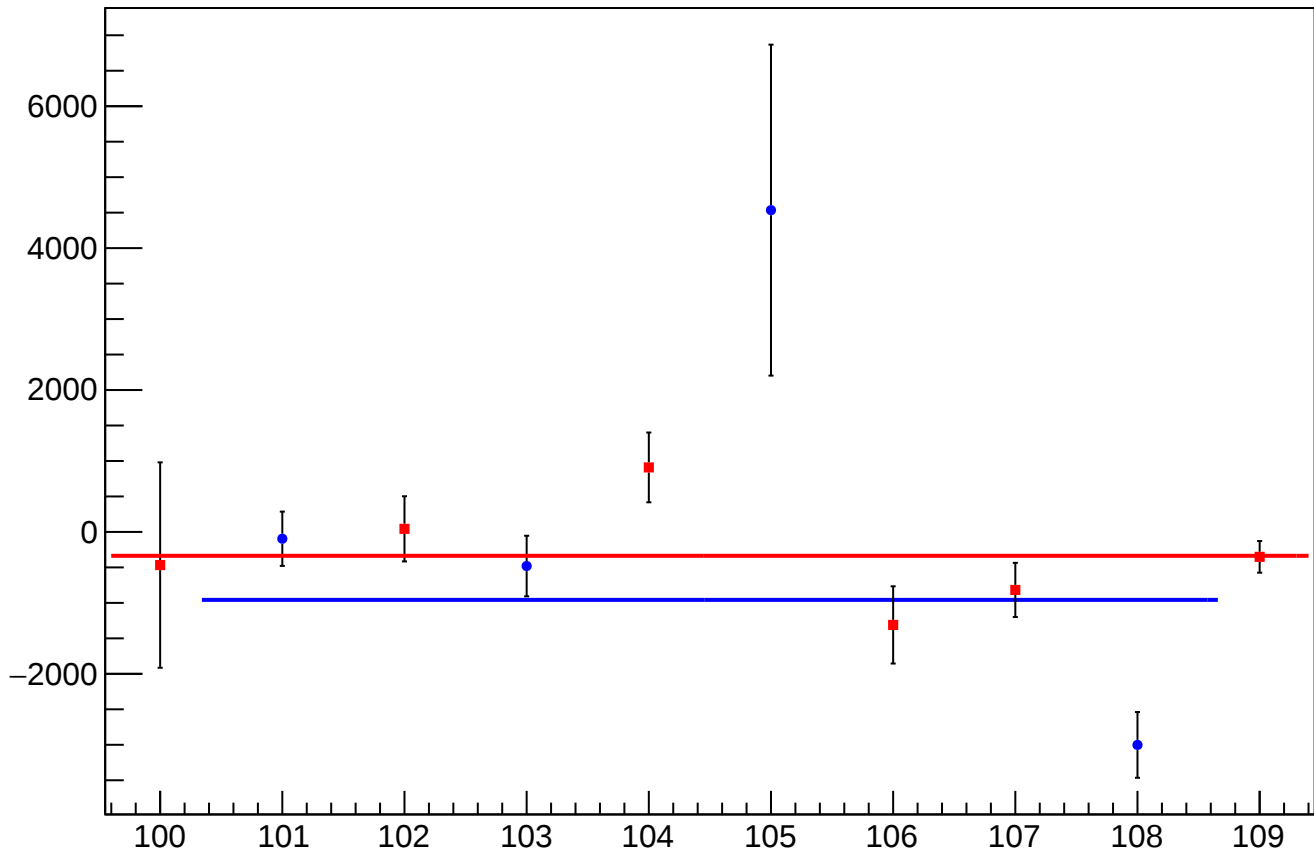
Right Out: 124.020 $\pm$ 0.065 χ^2 /NDF: 691030.4/5

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

166.653 $\pm$ 0.103 χ^2 /NDF: 367797.4/3

124.020 $\pm$ 0.065 χ^2 /NDF: 691030.4/5

asym_bpm0l01WS_mean vs slug



Right In: -957.608 $\pm$ 241.374 χ^2 /NDF: 31.3/3

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

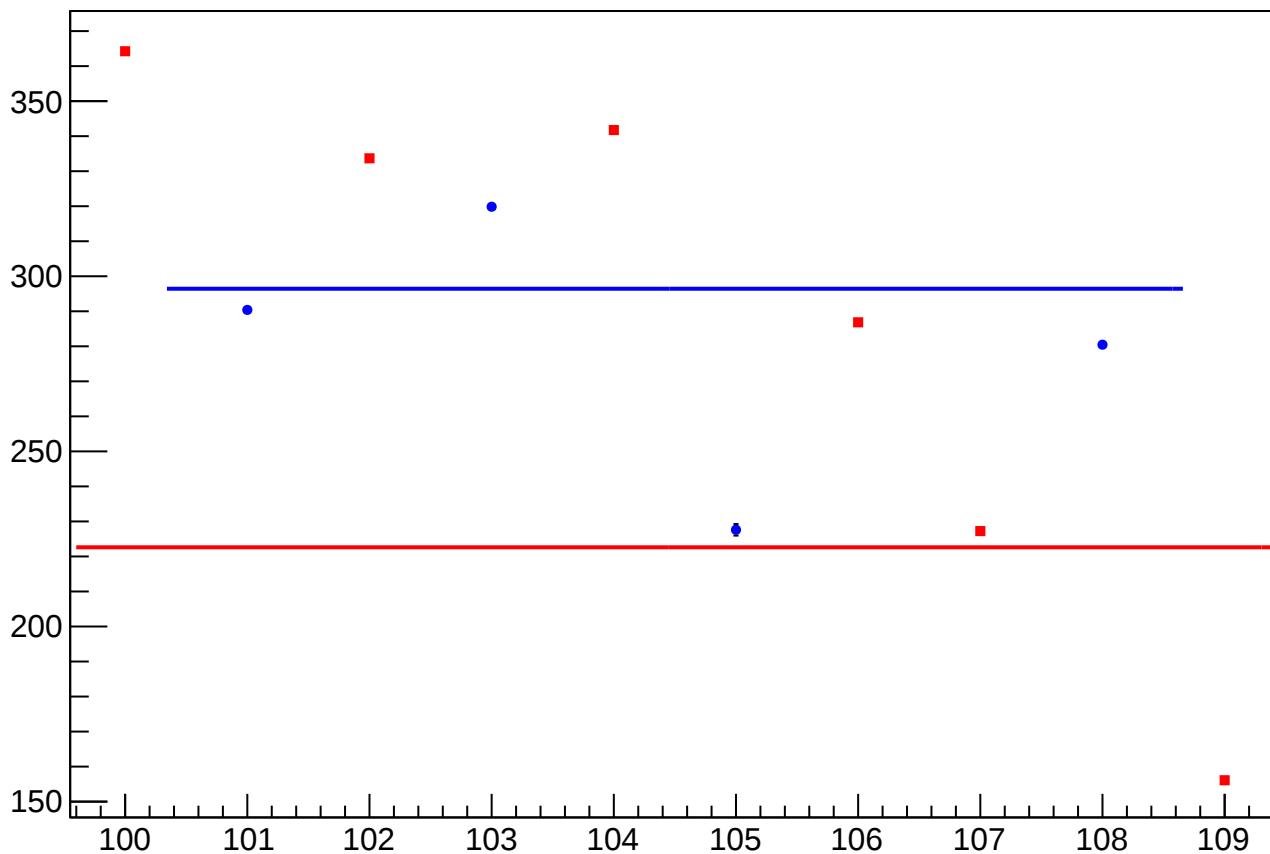
Right Out: -336.339 $\pm$ 158.762 χ^2 /NDF: 11.9/5

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

-957.608 $\pm$ 241.374 χ^2 /NDF: 31.3/3

-336.339 $\pm$ 158.762 χ^2 /NDF: 11.9/5

asym_bpm0l01WS_rms vs slug



Right In: 296.442 $\pm$ 0.171 χ^2 /NDF: 10631.0/3

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

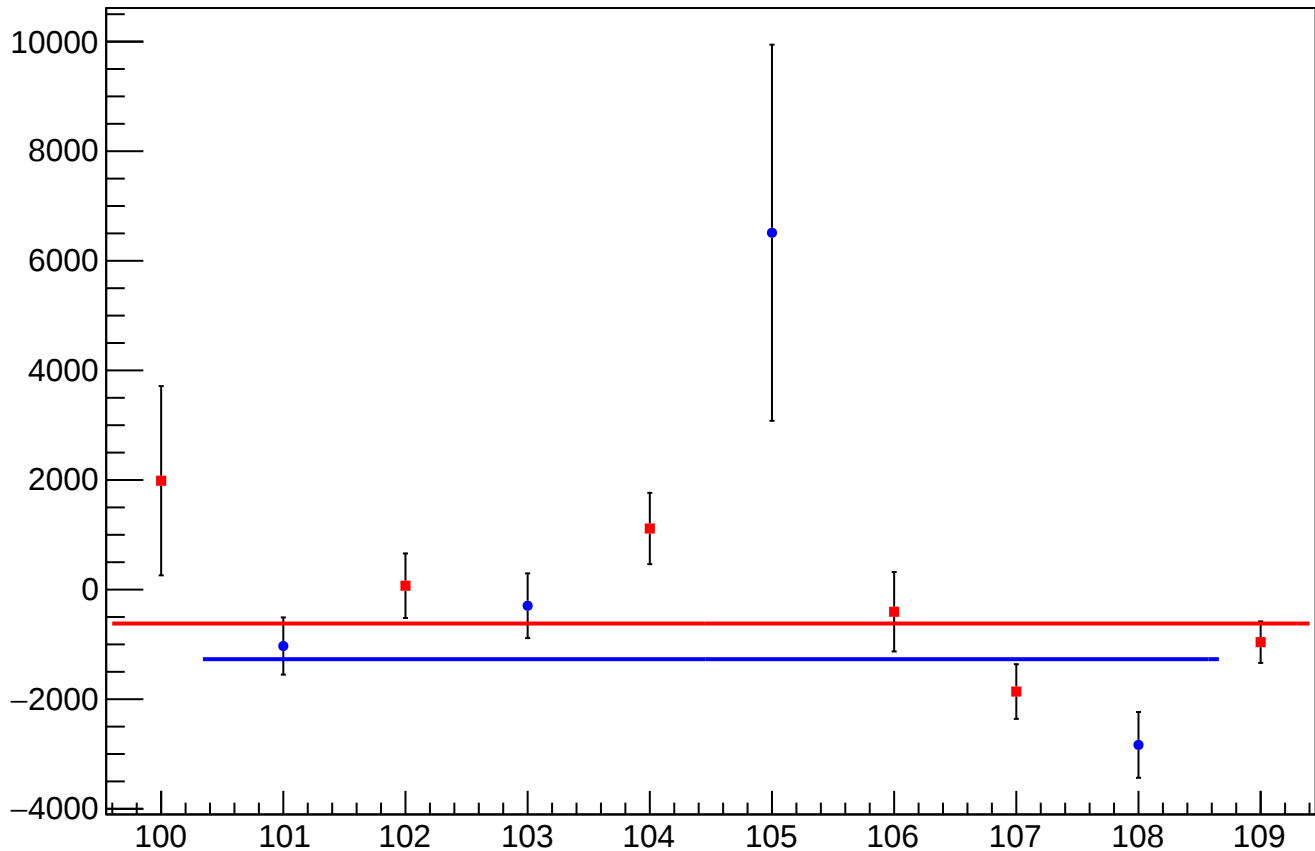
Right Out: 222.618 $\pm$ 0.112 χ^2 /NDF: 459427.7/5

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

296.442 $\pm$ 0.171 χ^2 /NDF: 10631.0/3

222.618 $\pm$ 0.112 χ^2 /NDF: 459427.7/5

asym_bpm0l02WS_mean vs slug



Right In: -1269.554+/-326.209 χ^2/NDF : 14.9/3

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

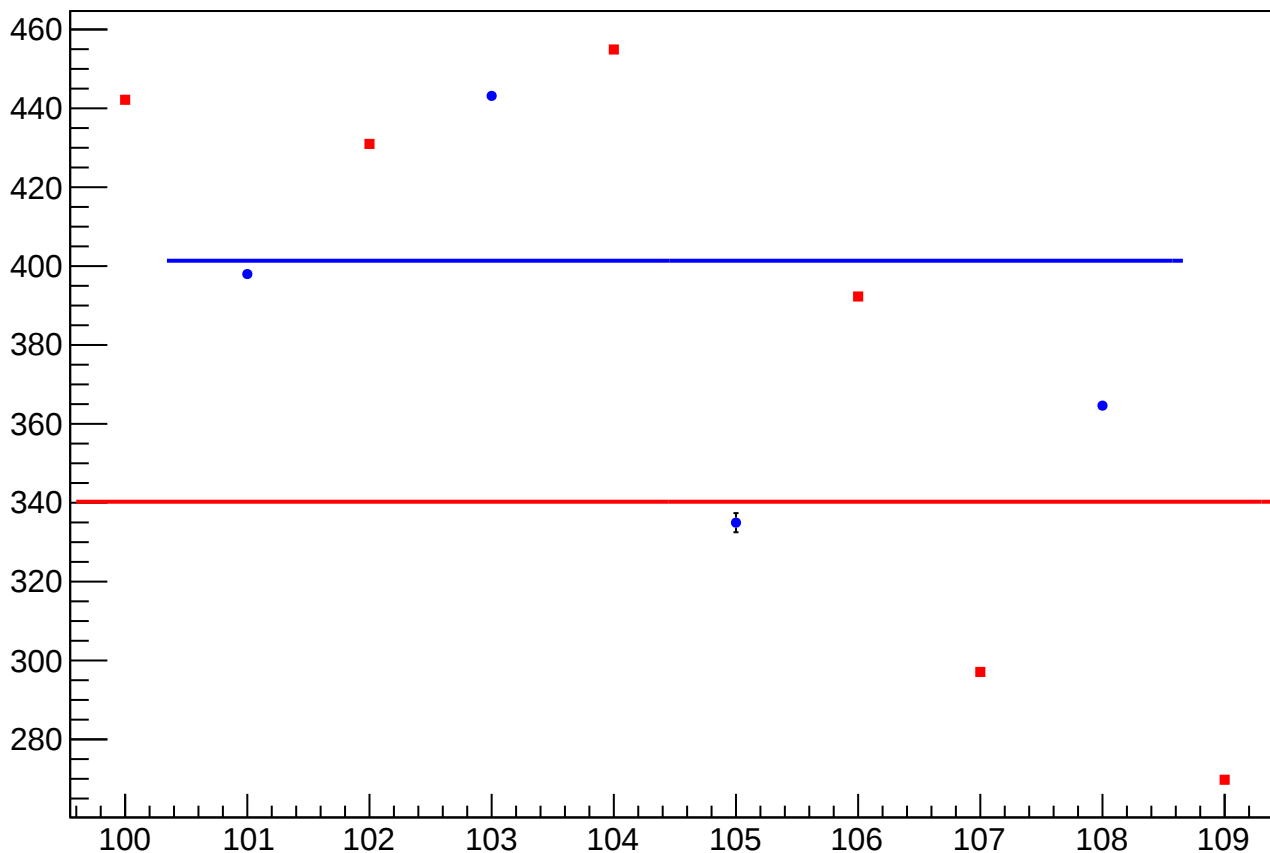
Right Out: -618.874+/-232.683 χ^2/NDF : 17.8/5

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

-1269.554+/-326.209 χ^2/NDF : 14.9/3

-618.874+/-232.683 χ^2/NDF : 17.8/5

asym_bpm0l02WS_rms vs slug



Right In: 401.362 $\pm$ 0.231 χ^2 /NDF: 18350.3/3

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

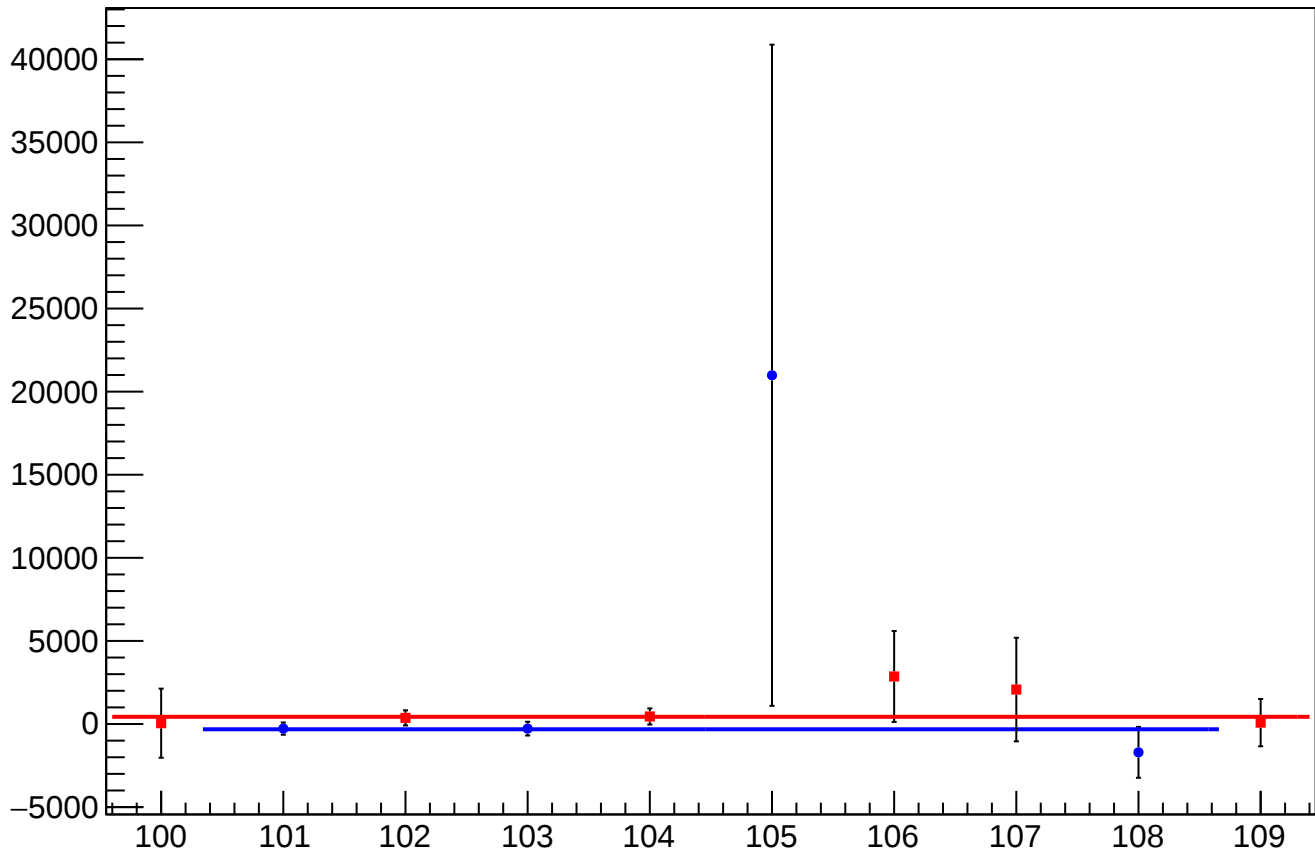
401.362 $\pm$ 0.231 χ^2 /NDF: 18350.3/3

Right Out: 340.254 $\pm$ 0.165 χ^2 /NDF: 210963.8/5

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

340.254 $\pm$ 0.165 χ^2 /NDF: 210963.8/5

asym_bpm0l03WS_mean vs slug



Right In: -316.894+/-270.034 χ^2/NDF : 2.0/3

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

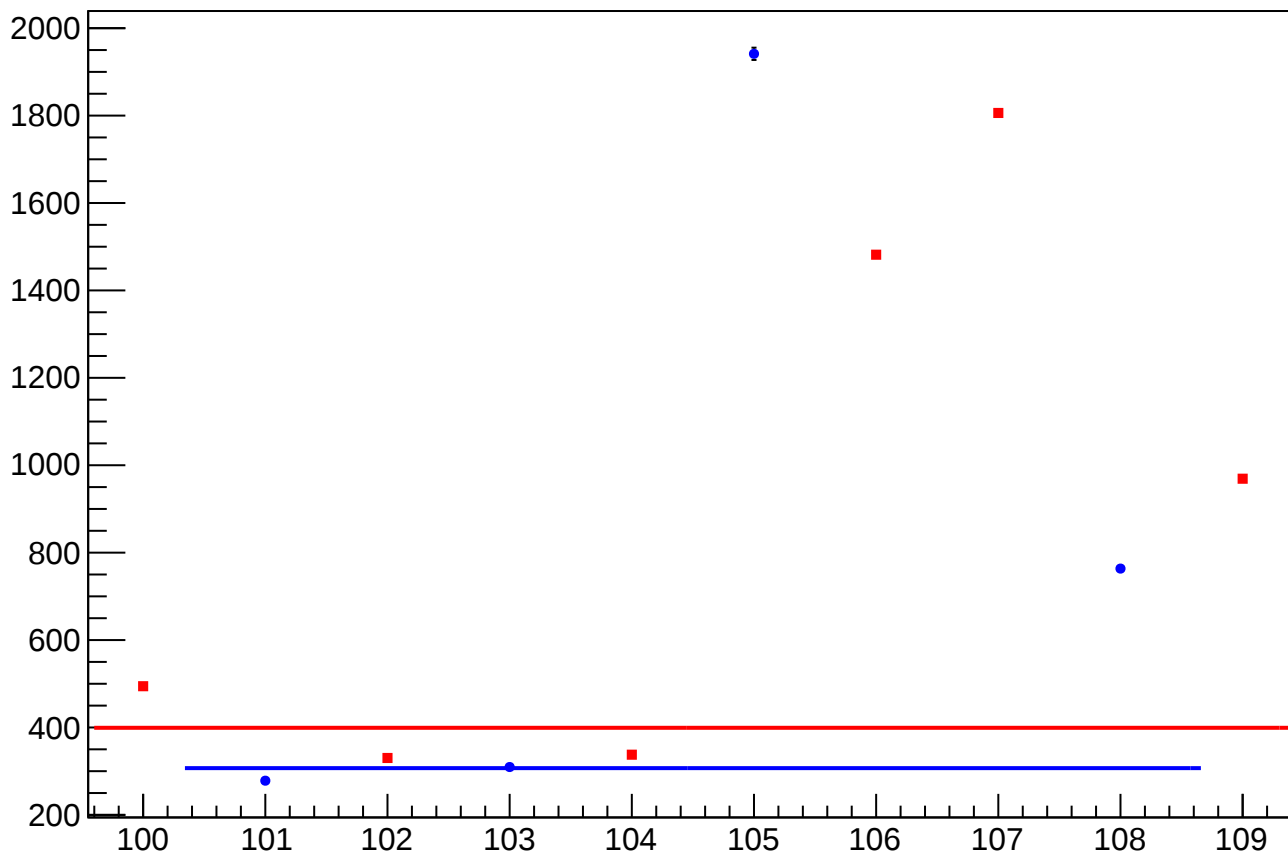
Right Out: 434.227+/-316.117 χ^2/NDF : 1.2/5

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

-316.894+/-270.034 χ^2/NDF : 2.0/3

434.227+/-316.117 χ^2/NDF : 1.2/5

asym_bpm0l03WS_rms vs slug



Right In: 306.964 $\pm$ 0.191 χ^2 /NDF: 203502.1/3

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

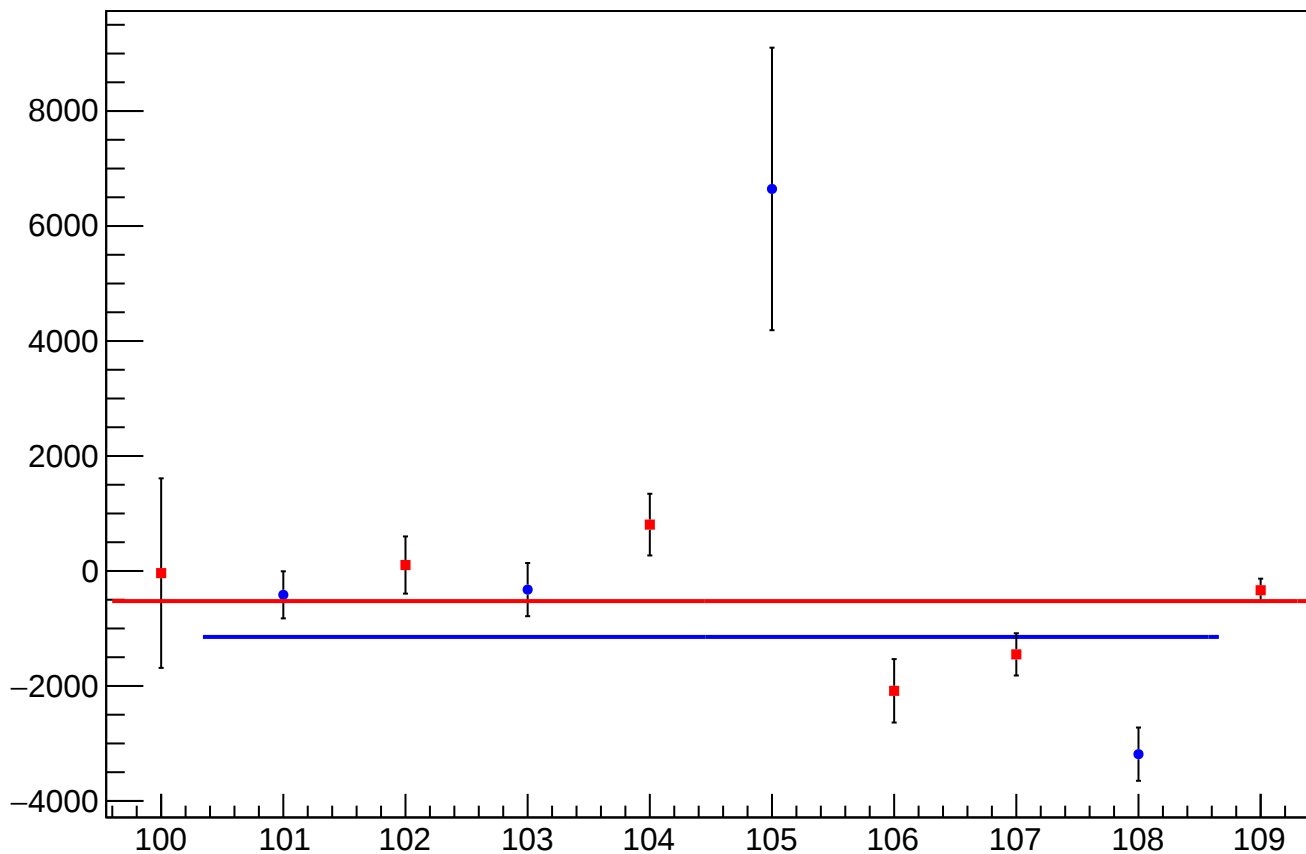
Right Out: 399.250 $\pm$ 0.224 χ^2 /NDF: 1123601.7/5

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

306.964 $\pm$ 0.191 χ^2 /NDF: 203502.1/3

399.250 $\pm$ 0.224 χ^2 /NDF: 1123601.7/5

asym_bpm0l04WS_mean vs slug



Right In: -1146.970+/-254.240 χ^2/NDF : 35.8/3

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

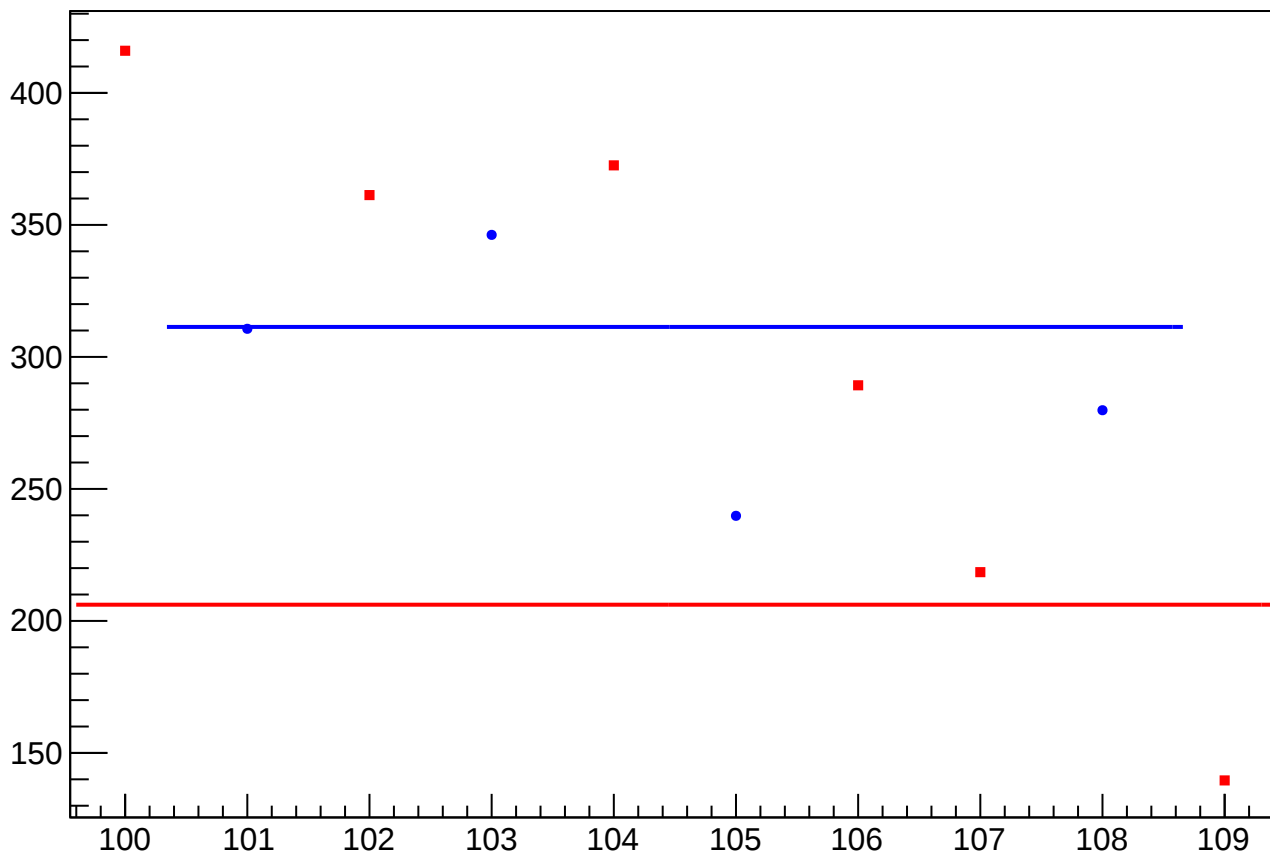
Right Out: -523.516+/-151.908 χ^2/NDF : 23.1/5

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

-1146.970+/-254.240 χ^2/NDF : 35.8/3

-523.516+/-151.908 χ^2/NDF : 23.1/5

asym_bpm0l04WS_rms vs slug



Right In: 311.358+/-0.180 χ^2/NDF : 22356.6/3

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

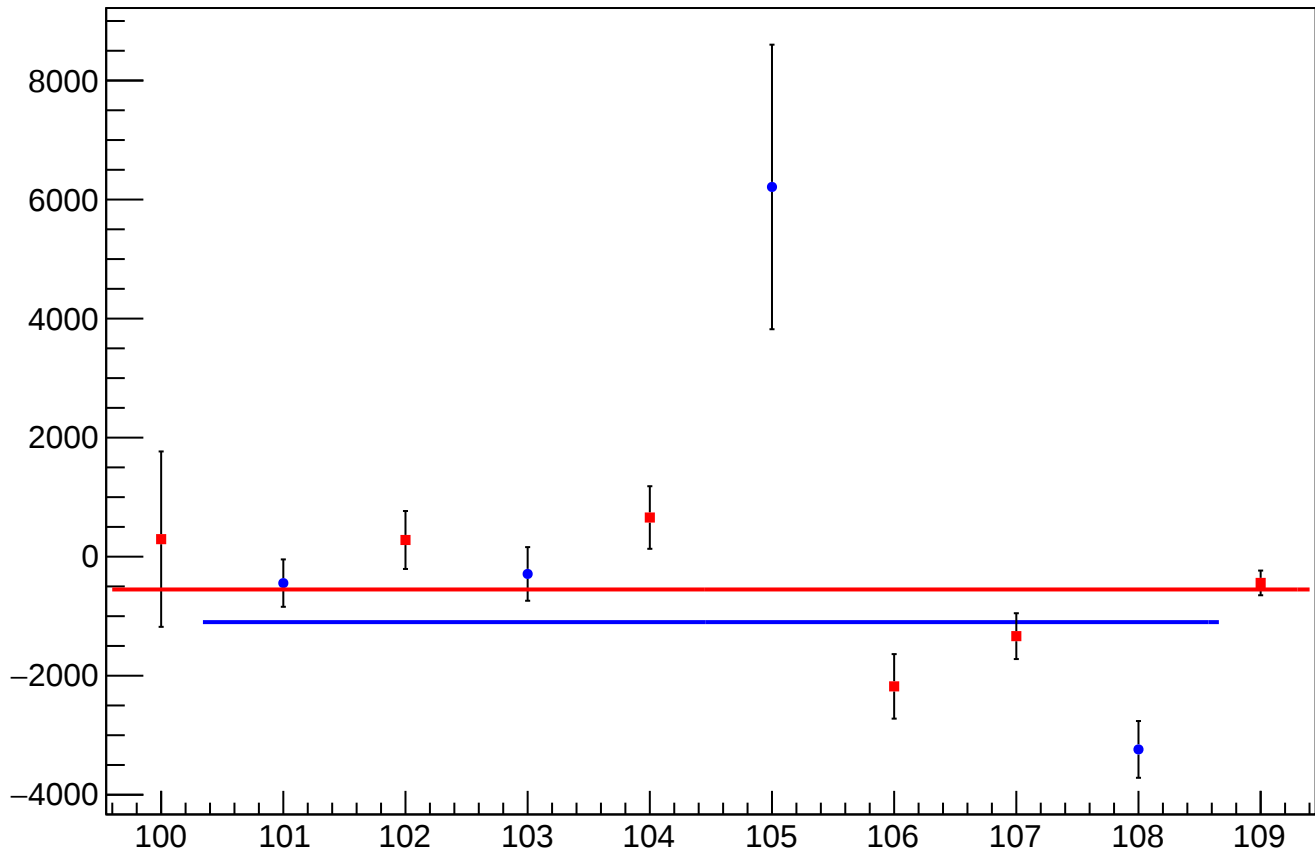
311.358+/-0.180 χ^2/NDF : 22356.6/3

Right Out: 206.144+/-0.107 χ^2/NDF : 686413.9/5

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

206.144+/-0.107 χ^2/NDF : 686413.9/5

asym_bpm0l05WS_mean vs slug



Right In: -1099.684 $\pm$ 251.553 χ^2 /NDF: 35.4/3

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

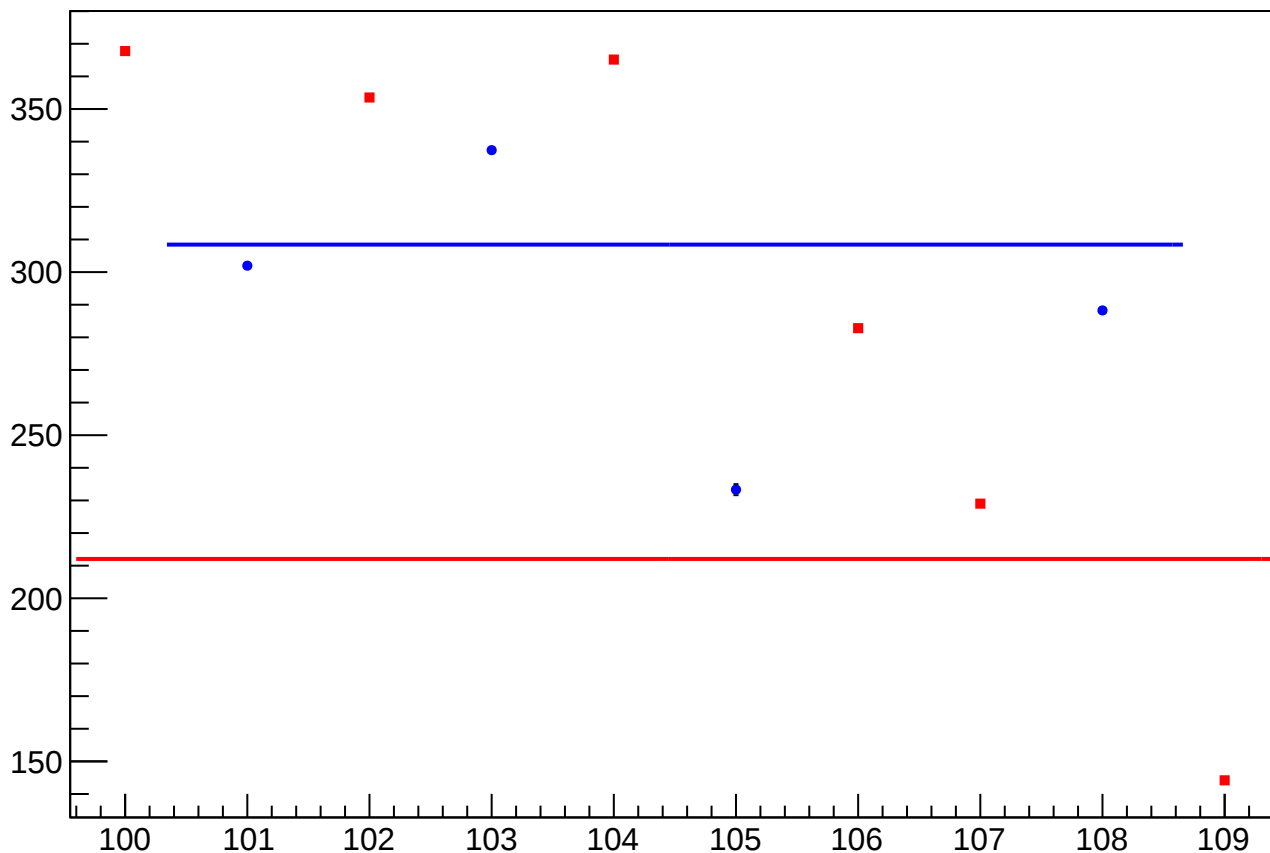
Right Out: -551.237 $\pm$ 154.880 χ^2 /NDF: 22.0/5

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

-1099.684 $\pm$ 251.553 χ^2 /NDF: 35.4/3

-551.237 $\pm$ 154.880 χ^2 /NDF: 22.0/5

asym_bpm0l05WS_rms vs slug



Right In: 308.431+/-0.178 χ^2/NDF : 14342.9/3

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

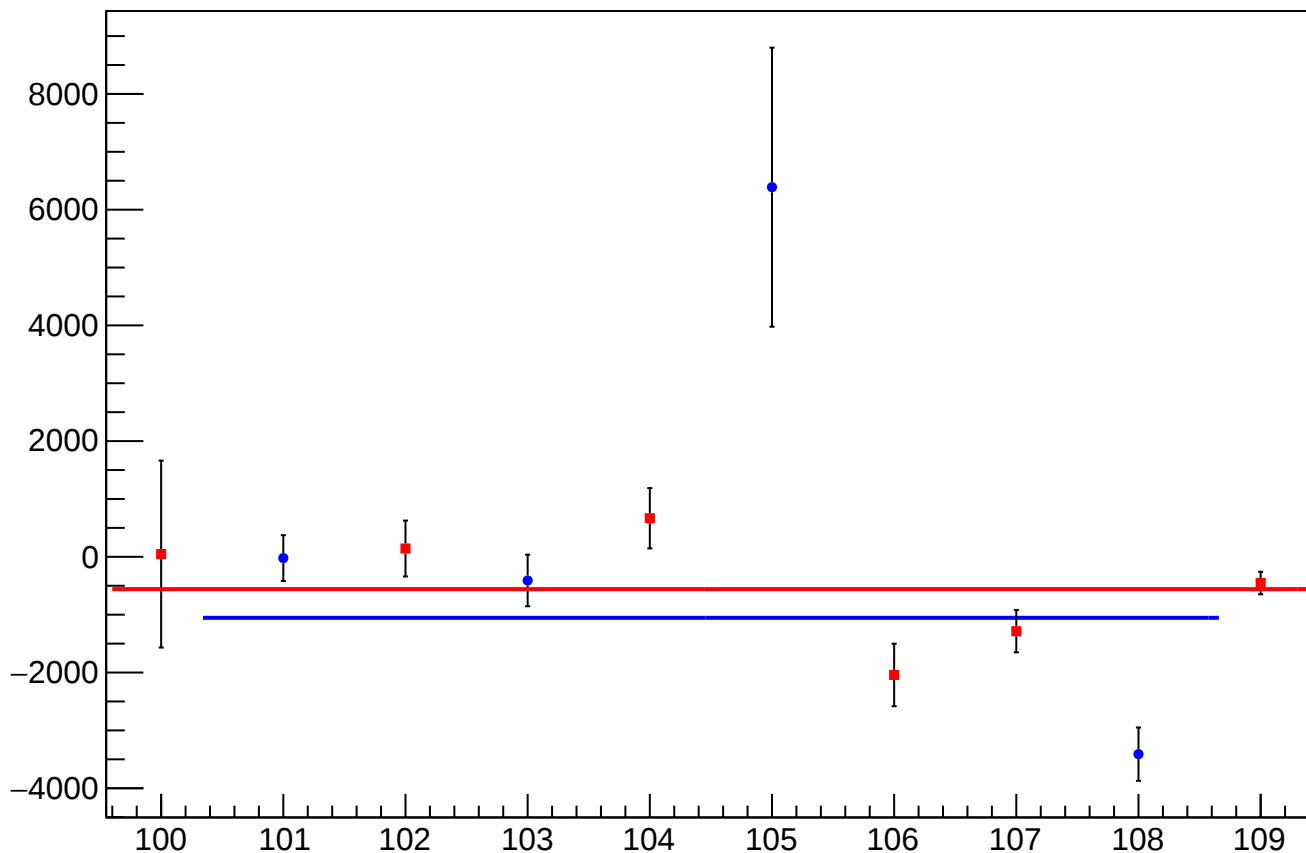
Right Out: 212.064+/-0.110 χ^2/NDF : 612786.2/5

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

308.431+/-0.178 χ^2/NDF : 14342.9/3

212.064+/-0.110 χ^2/NDF : 612786.2/5

asym_bpm0l06WS_mean vs slug



Right In: -1054.099 $\pm$ 247.797 χ^2 /NDF: 44.6/3

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

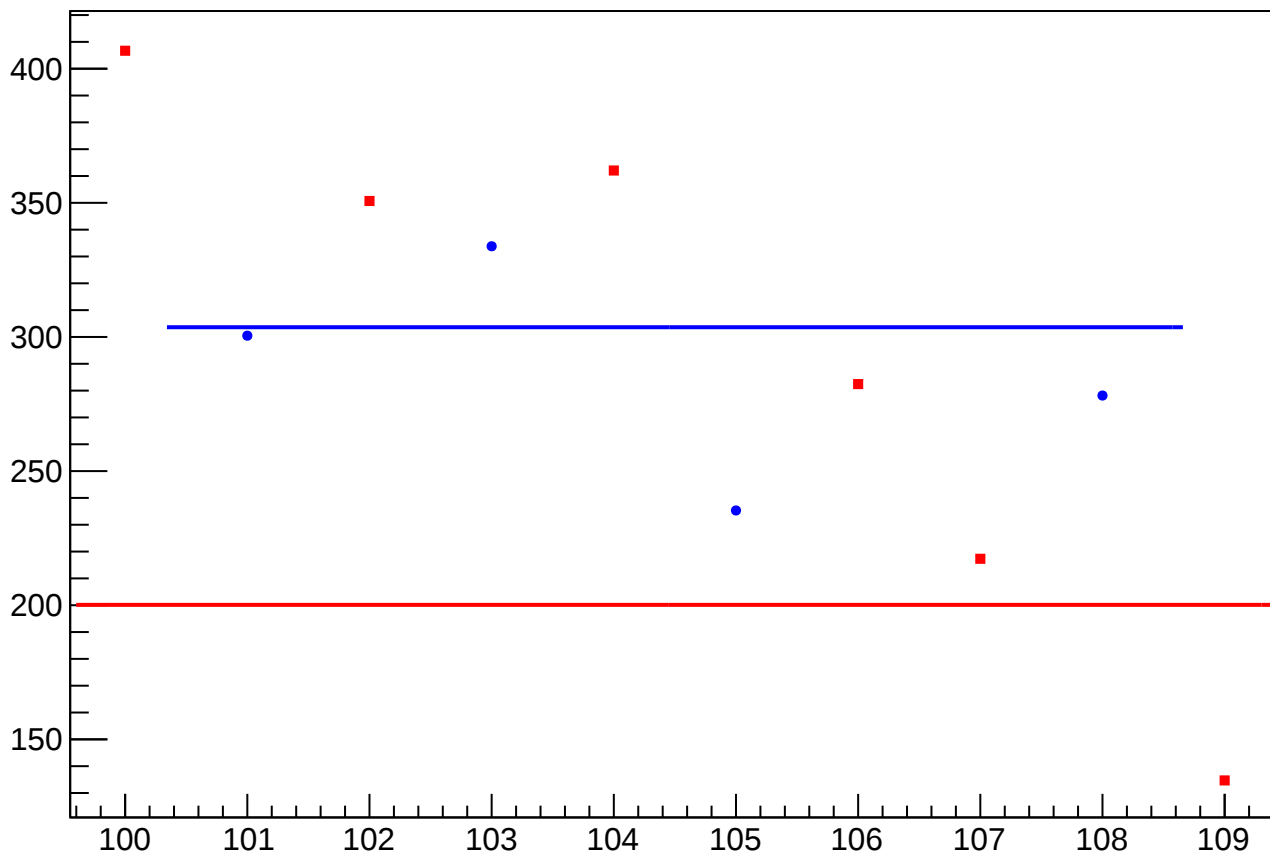
Right Out: -558.193 $\pm$ 147.911 χ^2 /NDF: 19.6/5

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

-1054.099 $\pm$ 247.797 χ^2 /NDF: 44.6/3

-558.193 $\pm$ 147.911 χ^2 /NDF: 19.6/5

asym_bpm0l06WS_rms vs slug



Right In: 303.628+/-0.175 χ^2/NDF : 17006.2/3

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

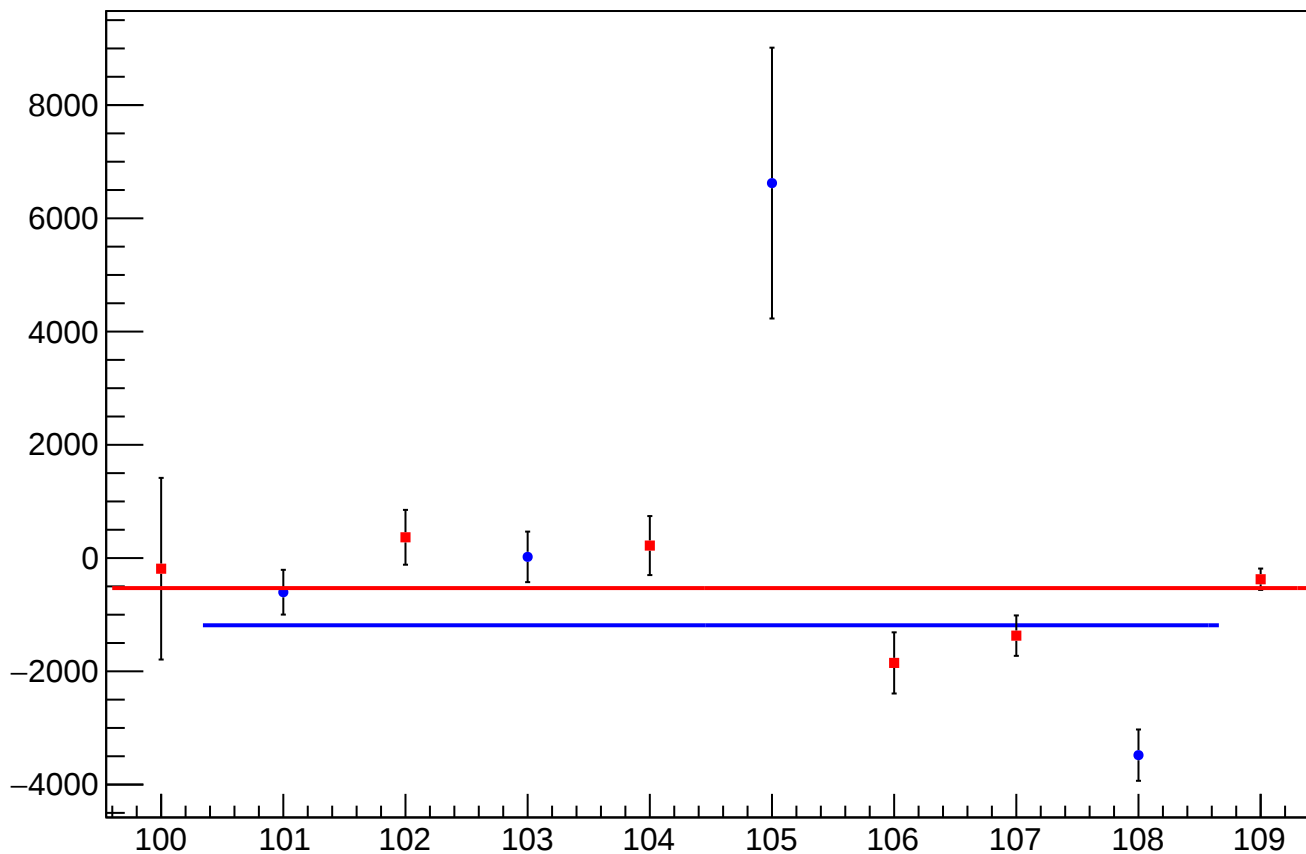
Right Out: 200.134+/-0.105 χ^2/NDF : 697127.7/5

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

303.628+/-0.175 χ^2/NDF : 17006.2/3

200.134+/-0.105 χ^2/NDF : 697127.7/5

asym_bpm0l07WS_mean vs slug



Right In: -1186.881 $\pm$ 246.437 χ^2 /NDF: 45.8/3

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

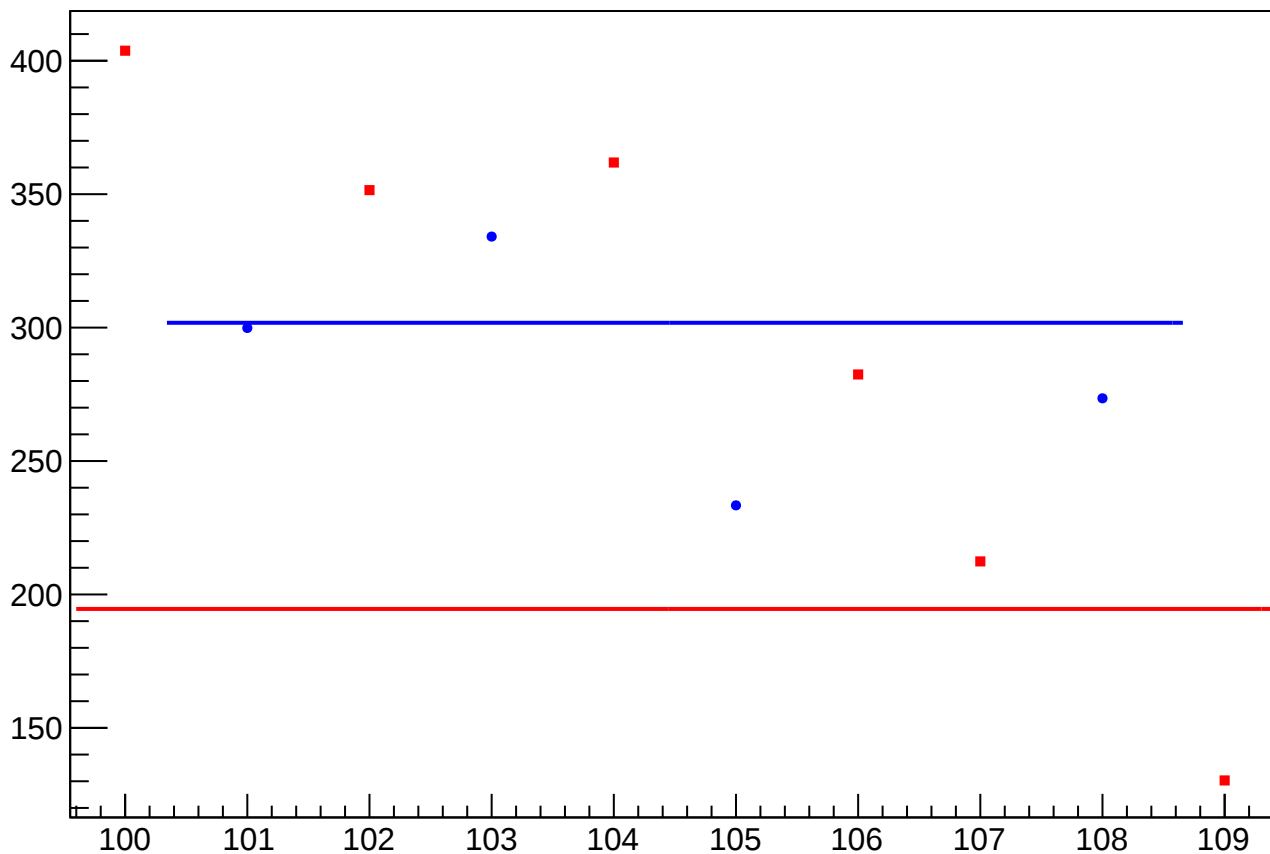
Right Out: -530.043 $\pm$ 144.731 χ^2 /NDF: 17.8/5

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

-1186.881 $\pm$ 246.437 χ^2 /NDF: 45.8/3

-530.043 $\pm$ 144.731 χ^2 /NDF: 17.8/5

asym_bpm0l07WS_rms vs slug



Right In: 301.809+/-0.174 χ^2/NDF : 19965.6/3

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

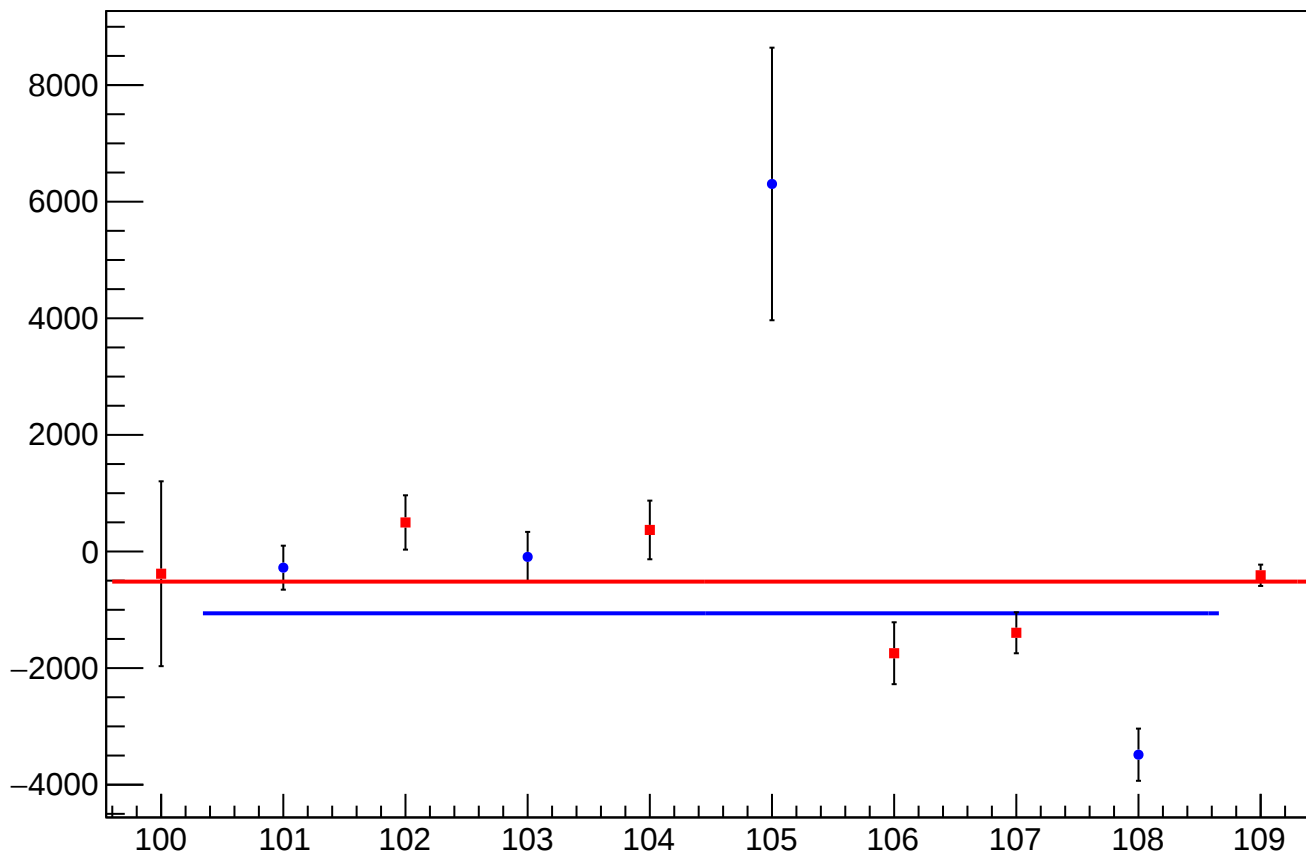
Right Out: 194.579+/-0.102 χ^2/NDF : 740595.4/5

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

301.809+/-0.174 χ^2/NDF : 19965.6/3

194.579+/-0.102 χ^2/NDF : 740595.4/5

asym_bpm0l08WS_mean vs slug



Right In: -1060.282+/-238.114 χ^2/NDF : 48.7/3

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

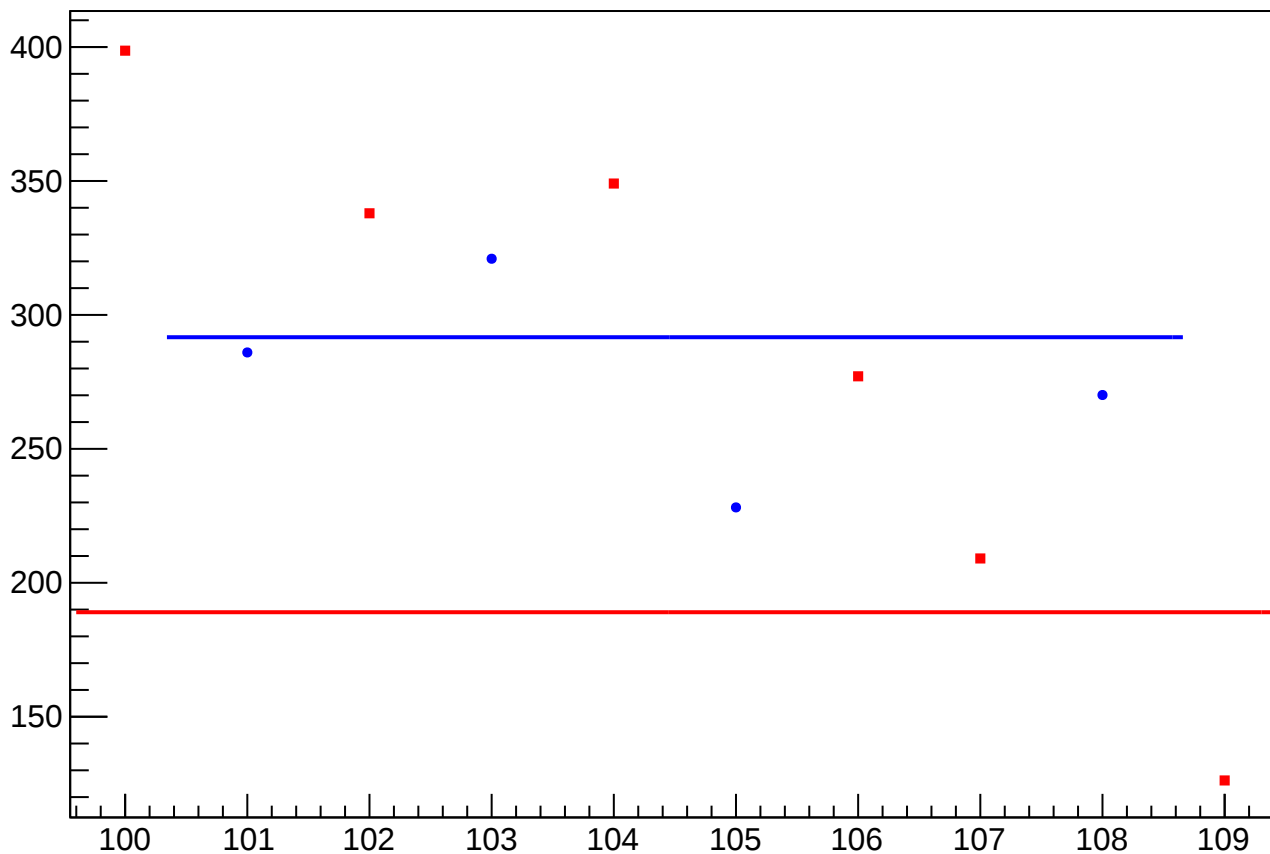
Right Out: -516.527+/-140.736 χ^2/NDF : 19.8/5

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

-1060.282+/-238.114 χ^2/NDF : 48.7/3

-516.527+/-140.736 χ^2/NDF : 19.8/5

asym_bpm0l08WS_rms vs slug



Right In: 291.677 $\pm$ 0.168 χ^2 /NDF: 15909.5/3

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

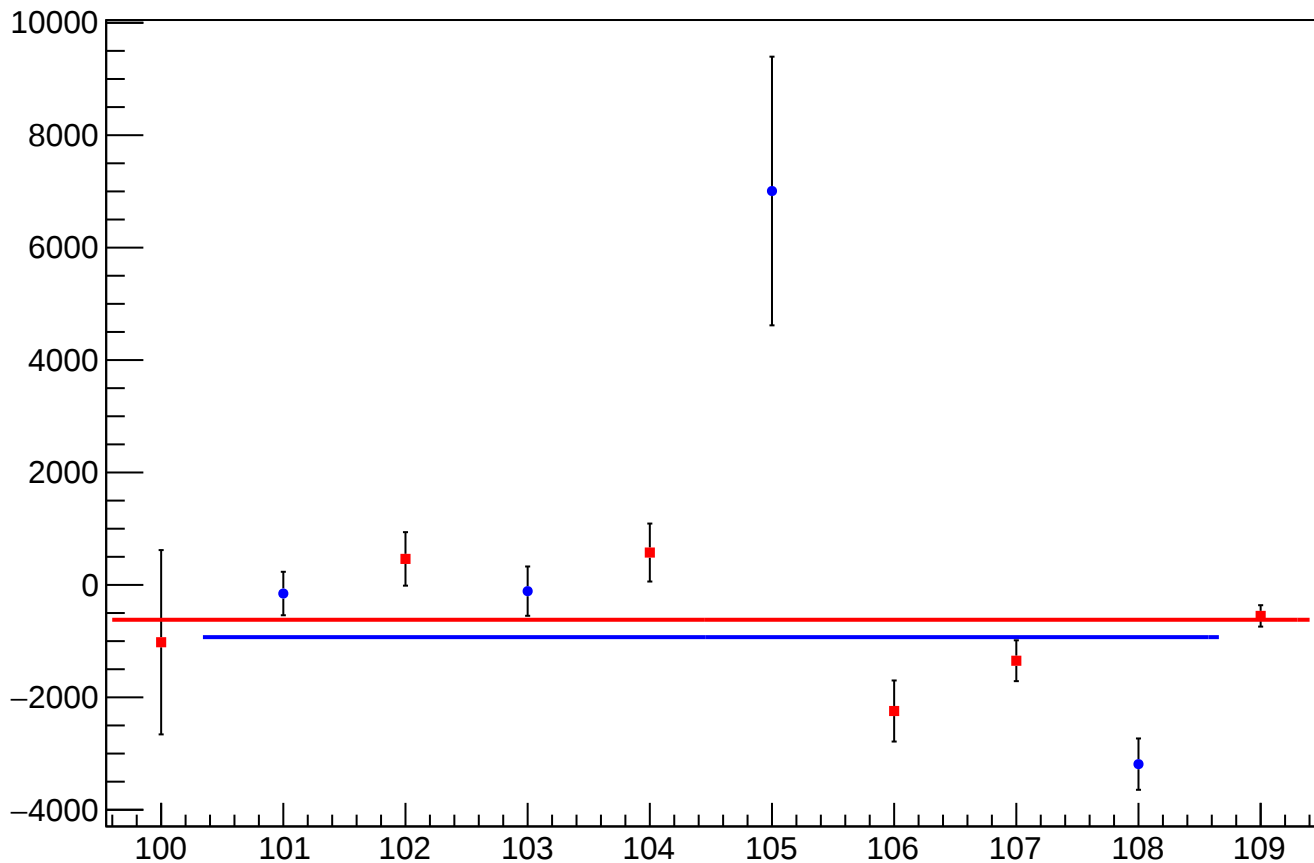
291.677 $\pm$ 0.168 χ^2 /NDF: 15909.5/3

Right Out: 189.014 $\pm$ 0.100 χ^2 /NDF: 739057.3/5

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

189.014 $\pm$ 0.100 χ^2 /NDF: 739057.3/5

asym_bpm0l09WS_mean vs slug



Right In: -929.026+/-243.537 χ^2 /NDF: 43.0/3

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

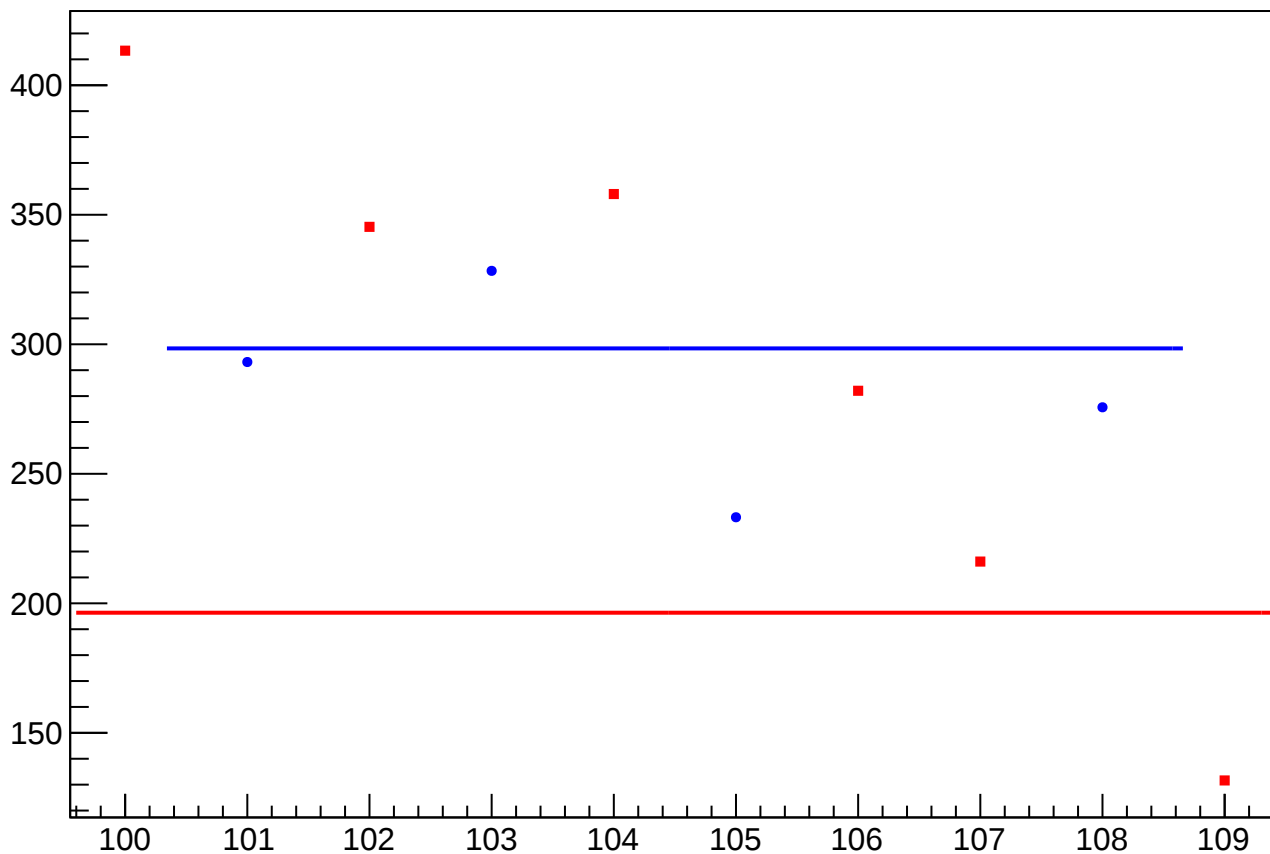
Right Out: -619.870+/-145.704 χ^2 /NDF: 23.7/5

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

-929.026+/-243.537 χ^2 /NDF: 43.0/3

-619.870+/-145.704 χ^2 /NDF: 23.7/5

asym_bpm0l09WS_rms vs slug



Right In: 298.410 $\pm$ 0.172 χ^2 /NDF: 16133.5/3

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

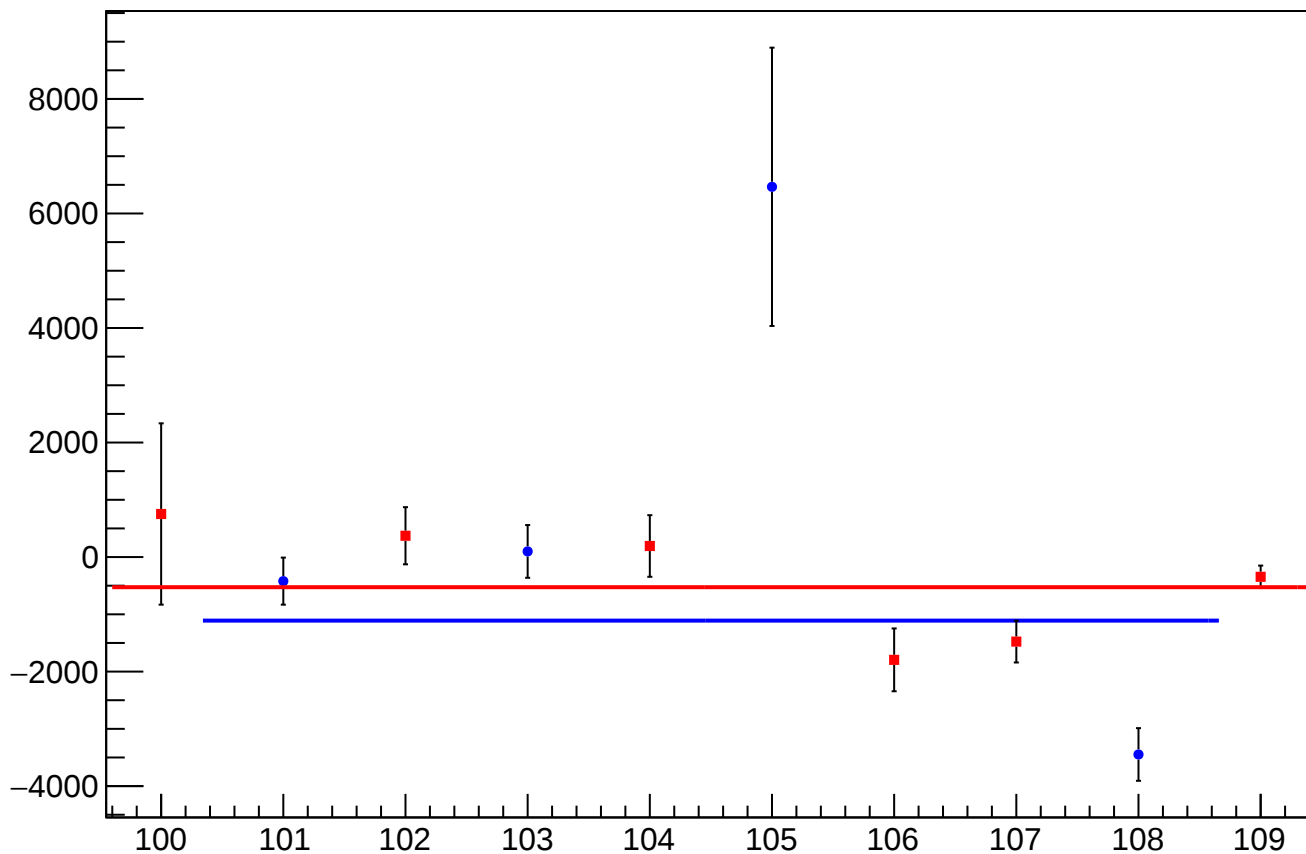
298.410 $\pm$ 0.172 χ^2 /NDF: 16133.5/3

Right Out: 196.375 $\pm$ 0.103 χ^2 /NDF: 714530.8/5

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

196.375 $\pm$ 0.103 χ^2 /NDF: 714530.8/5

asym_bpm0l10WS_mean vs slug



Right In: -1109.819 $\pm$ 253.670 χ^2 /NDF: 45.3/3

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

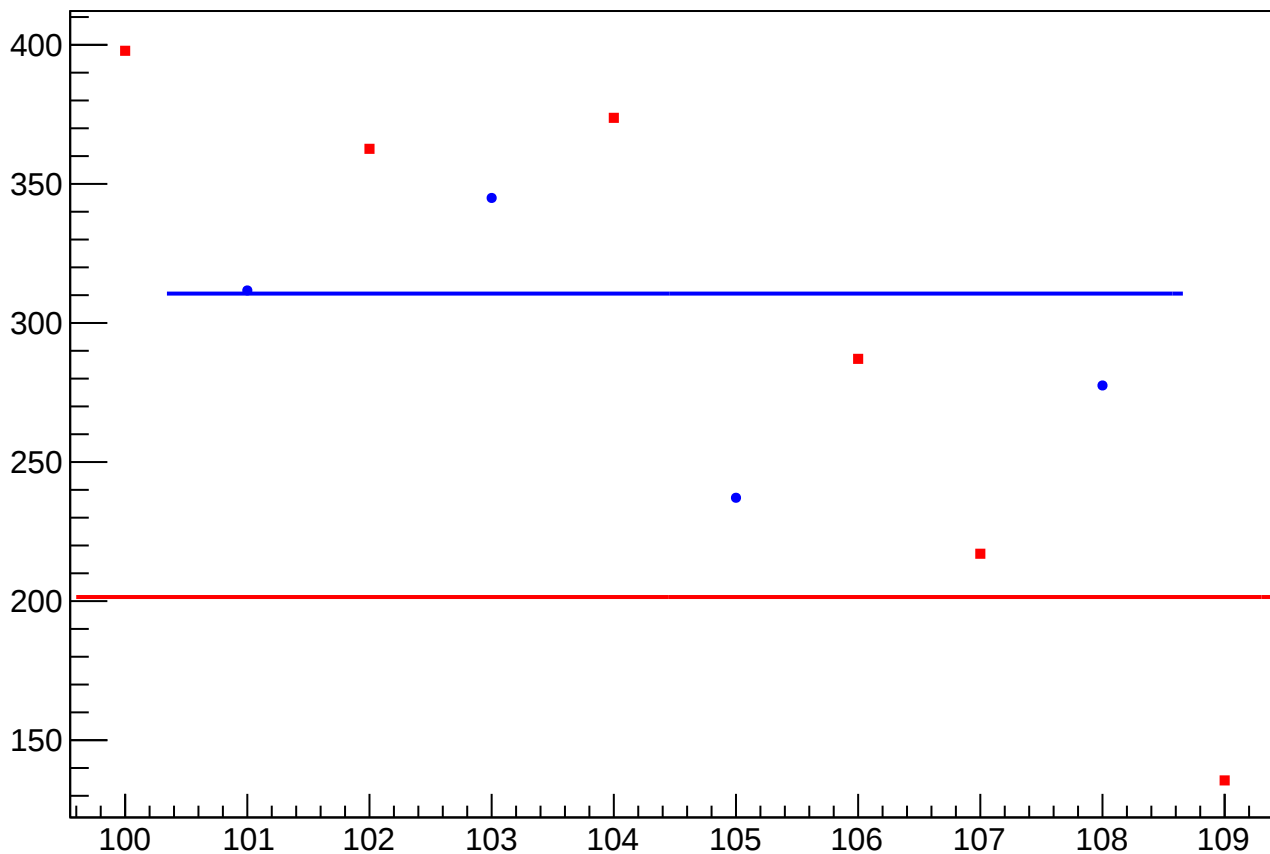
Right Out: -526.494 $\pm$ 149.373 χ^2 /NDF: 18.7/5

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

-1109.819 $\pm$ 253.670 χ^2 /NDF: 45.3/3

-526.494 $\pm$ 149.373 χ^2 /NDF: 18.7/5

asym_bpm0l10WS_rms vs slug



Right In: 310.568 $\pm$ 0.179 χ^2 /NDF: 23314.9/3

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

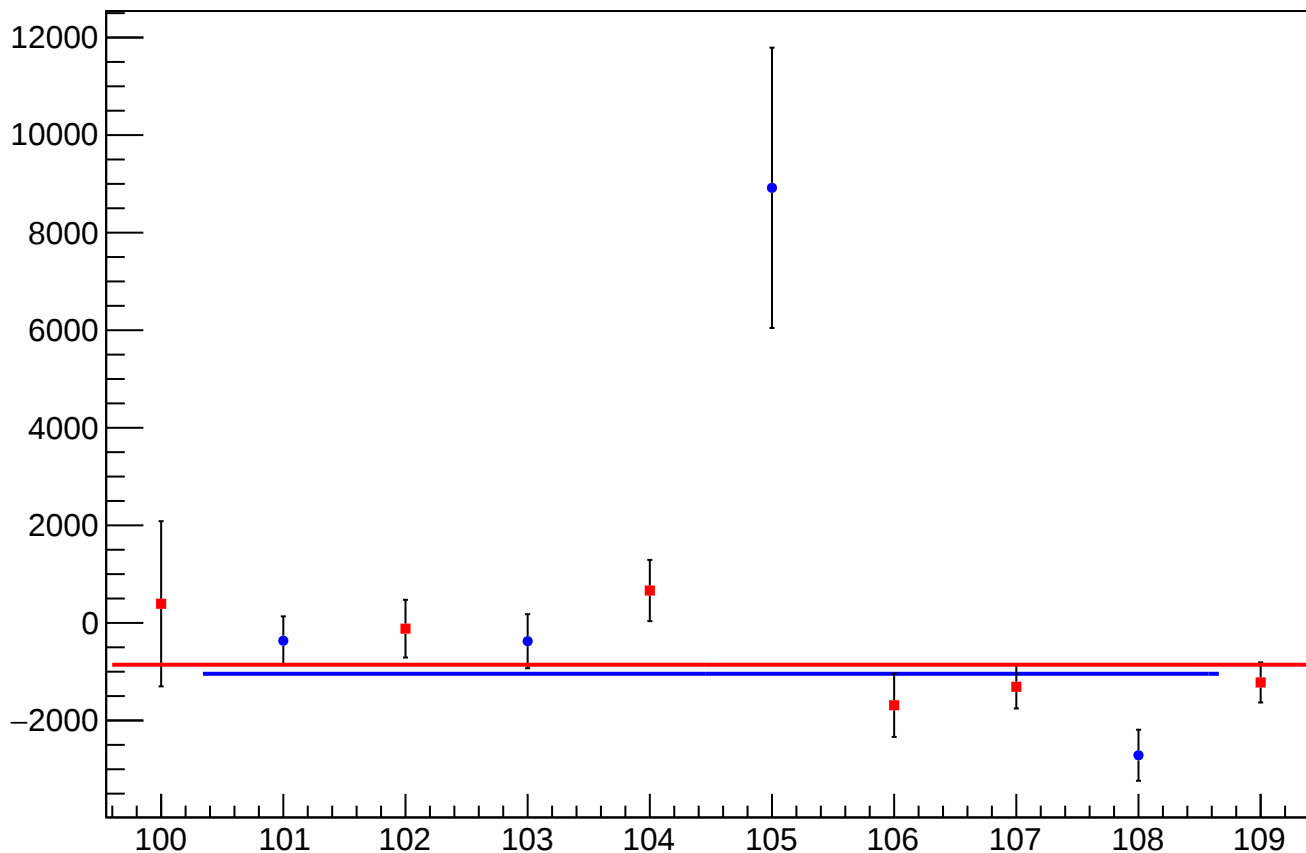
310.568 $\pm$ 0.179 χ^2 /NDF: 23314.9/3

Right Out: 201.472 $\pm$ 0.106 χ^2 /NDF: 723776.8/5

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

201.472 $\pm$ 0.106 χ^2 /NDF: 723776.8/5

asym_bpm0r03WS_mean vs slug



Right In: -1042.609+/-301.036 χ^2/NDF : 25.5/3

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

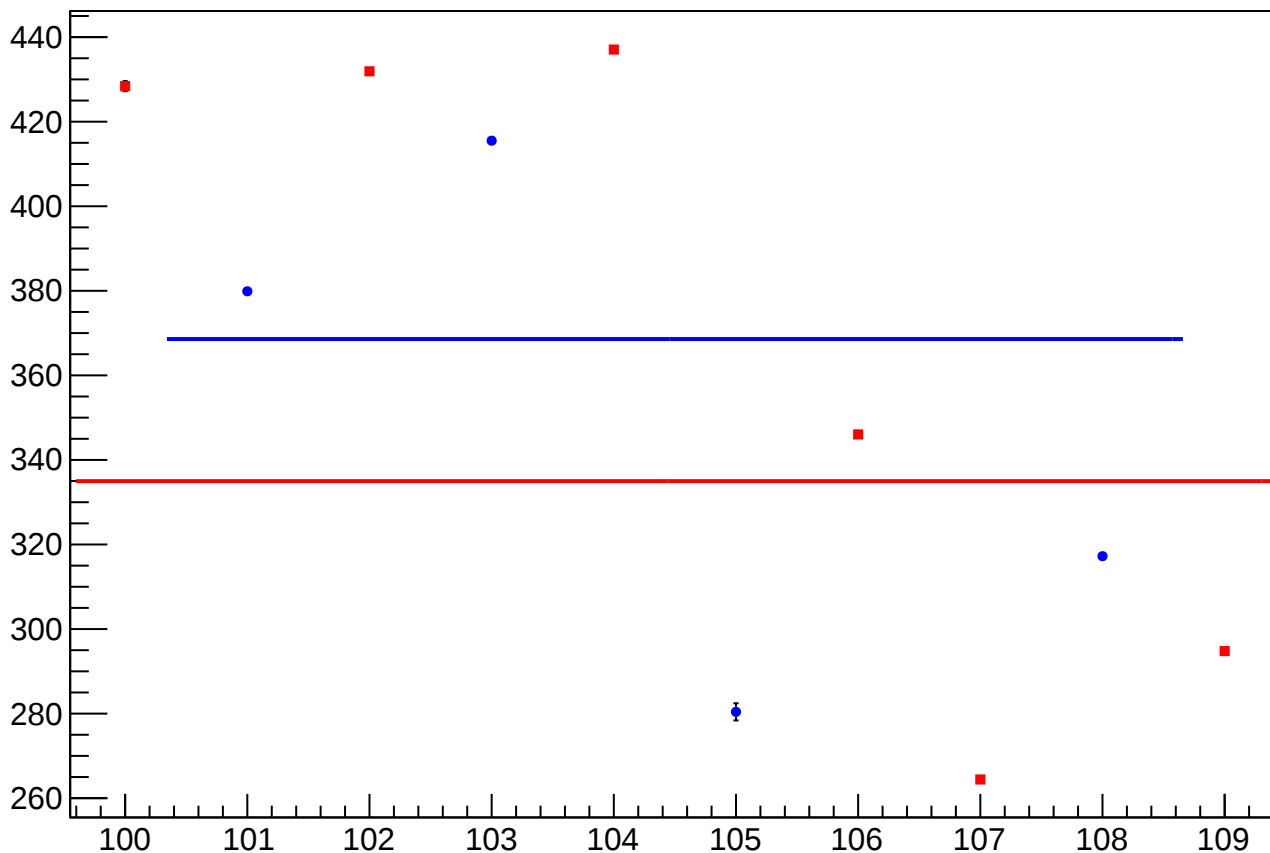
Right Out: -857.037+/-228.835 χ^2/NDF : 11.4/5

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

-1042.609+/-301.036 χ^2/NDF : 25.5/3

-857.037+/-228.835 χ^2/NDF : 11.4/5

asym_bpm0r03WS_rms vs slug



Right In: 368.592 $\pm$ 0.213 χ^2 /NDF: 36495.1/3

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

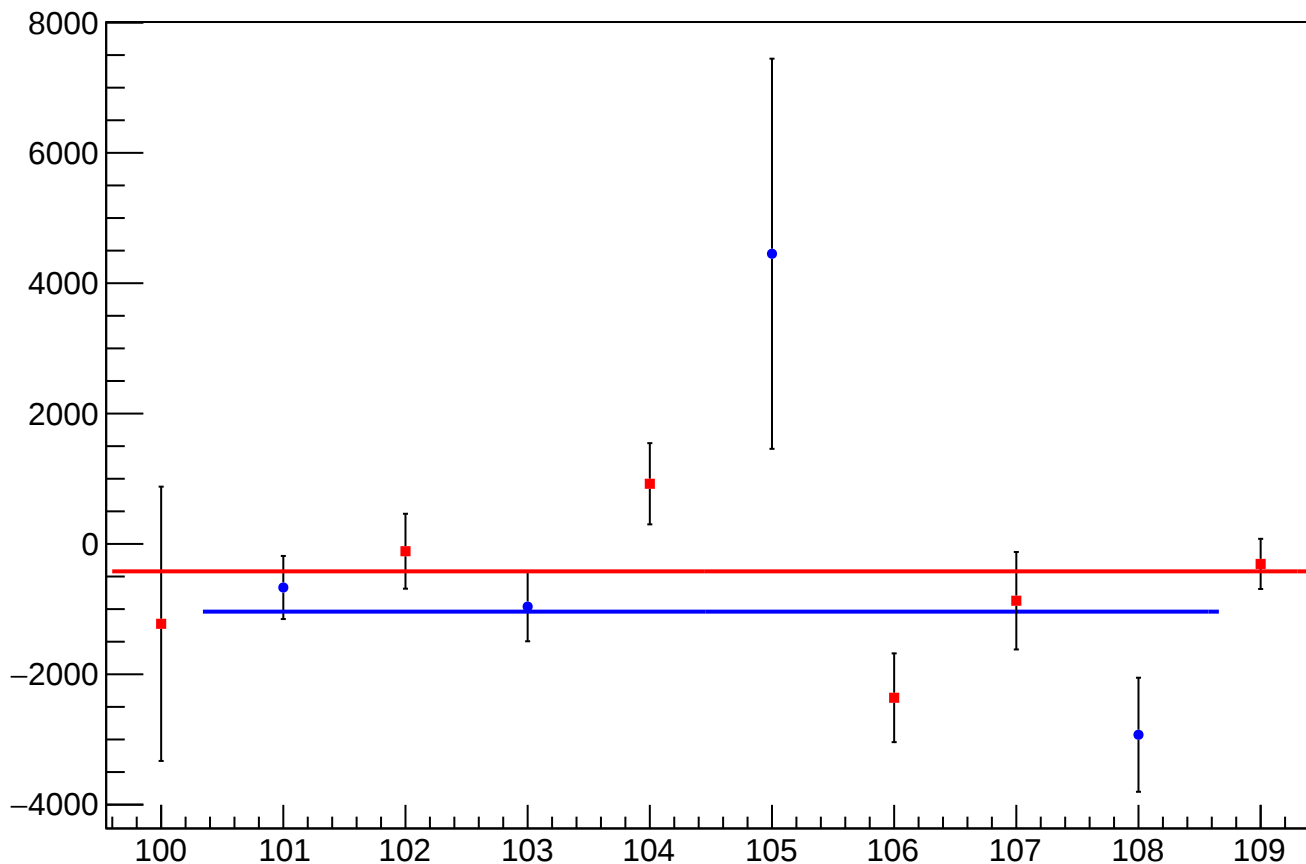
Right Out: 334.987 $\pm$ 0.162 χ^2 /NDF: 182723.0/5

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

368.592 $\pm$ 0.213 χ^2 /NDF: 36495.1/3

334.987 $\pm$ 0.162 χ^2 /NDF: 182723.0/5

asym_bpm0r05WS_mean vs slug



Right In: -1038.672 $\pm$ 329.469 χ^2 /NDF: 8.6/3

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

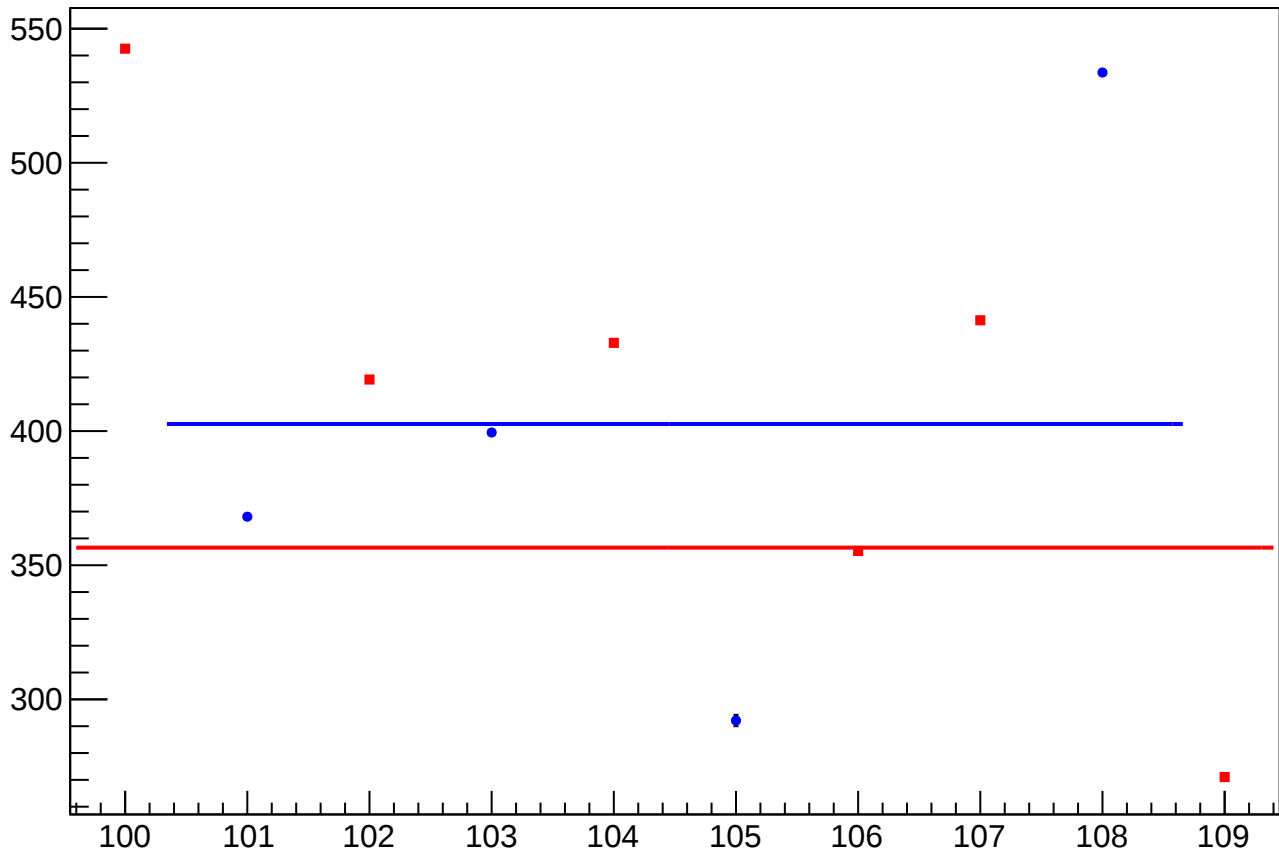
Right Out: -420.767 $\pm$ 246.030 χ^2 /NDF: 13.6/5

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

-1038.672 $\pm$ 329.469 χ^2 /NDF: 8.6/3

-420.767 $\pm$ 246.030 χ^2 /NDF: 13.6/5

asym_bpm0r05WS_rms vs slug



Right In: 402.646 $\pm$ 0.233 χ^2 /NDF: 57822.9/3

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

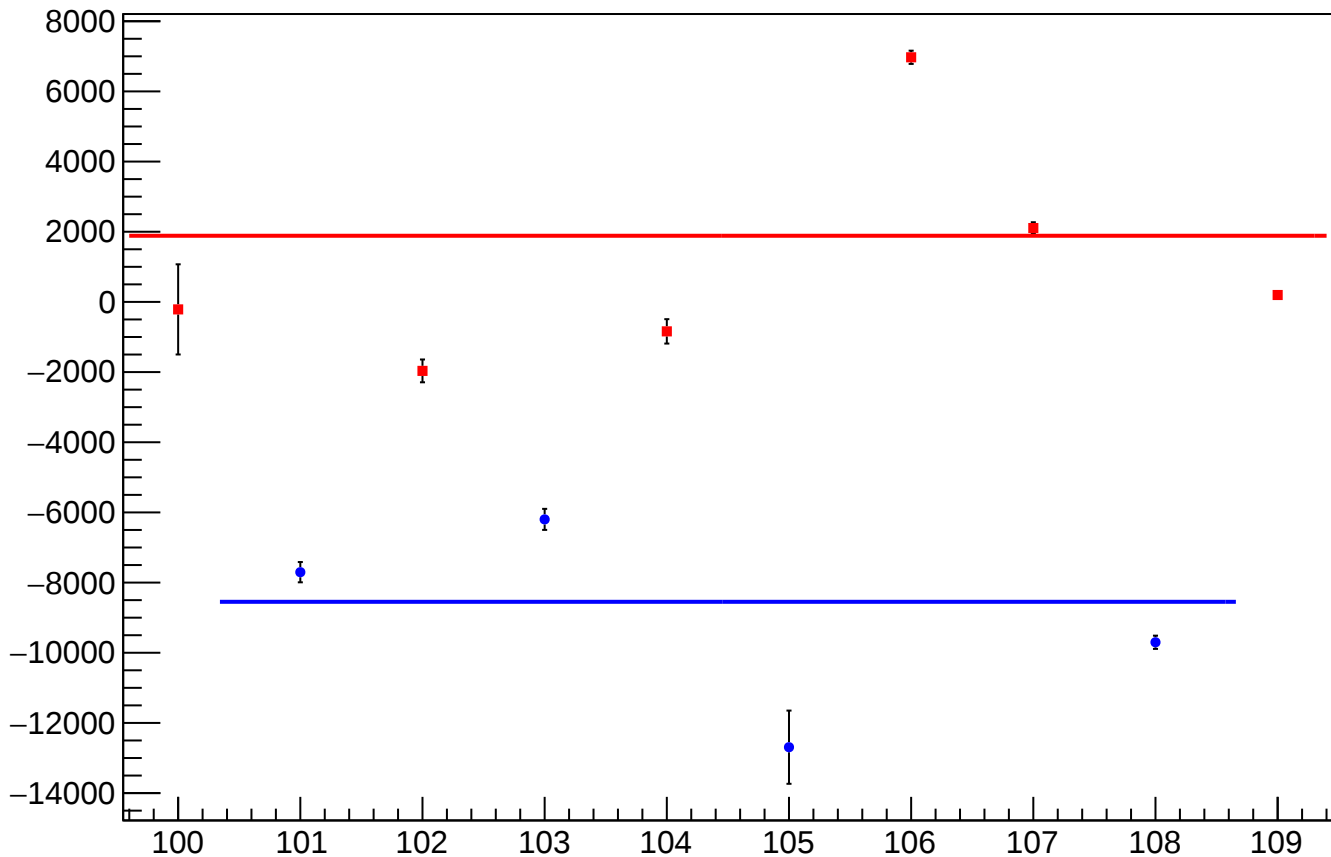
402.646 $\pm$ 0.233 χ^2 /NDF: 57822.9/3

Right Out: 356.565 $\pm$ 0.174 χ^2 /NDF: 193808.4/5

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

356.565 $\pm$ 0.174 χ^2 /NDF: 193808.4/5

asym_bpm1i04WS_mean vs slug



Right In: -8547.776 $\pm$ 138.493 χ^2 /NDF: 123.1/3

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

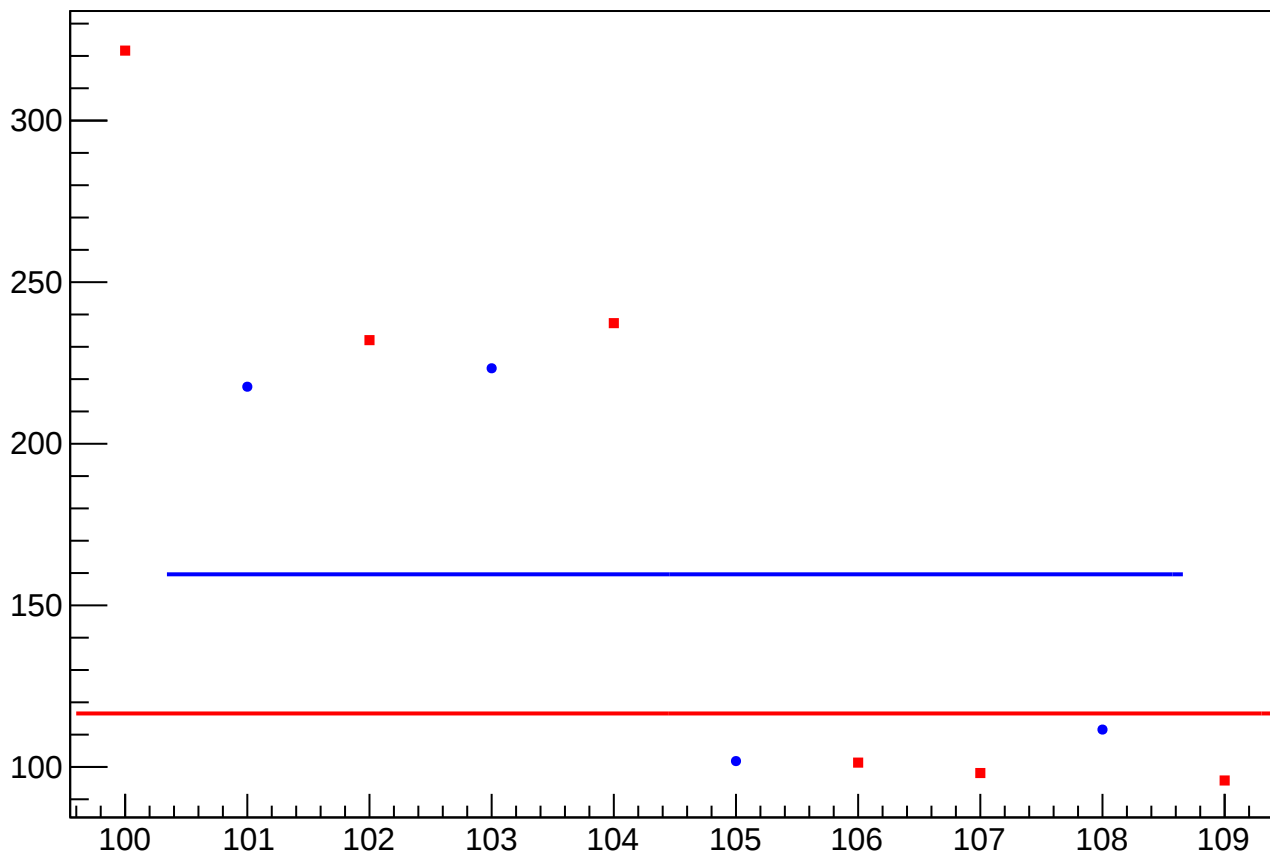
Right Out: 1885.408 $\pm$ 85.528 χ^2 /NDF: 1085.9/5

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

-8547.776 $\pm$ 138.493 χ^2 /NDF: 123.1/3

1885.408 $\pm$ 85.528 χ^2 /NDF: 1085.9/5

asym_bpm1i04WS_rms vs slug



Right In: 159.607 $\pm$ 0.098 χ^2 /NDF: 307019.6/3

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

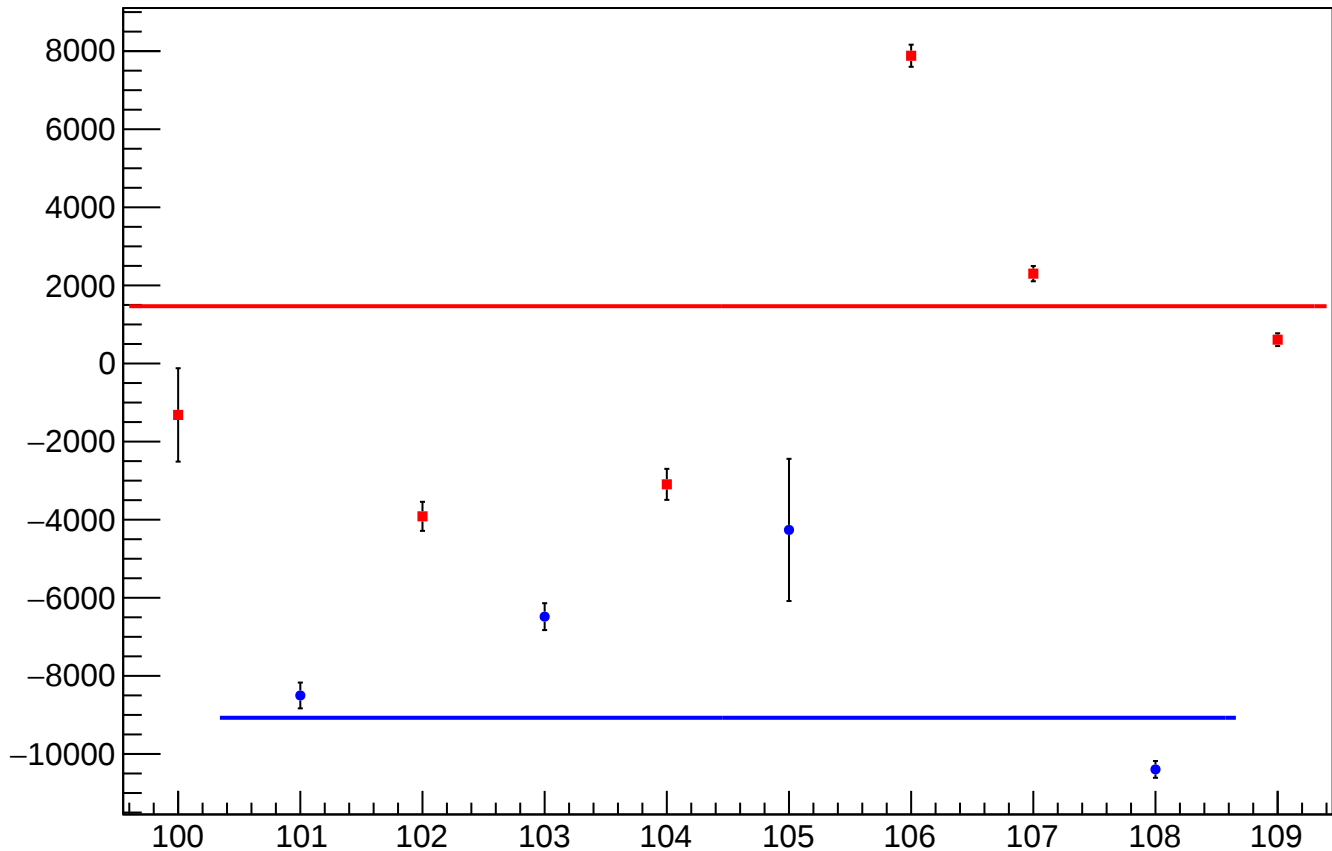
Right Out: 116.552 $\pm$ 0.060 χ^2 /NDF: 628548.8/5

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

159.607 $\pm$ 0.098 χ^2 /NDF: 307019.6/3

116.552 $\pm$ 0.060 χ^2 /NDF: 628548.8/5

asym_bpm1i06WS_mean vs slug



Right In: -9072.948+/-159.124 χ^2/NDF : 104.3/3

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

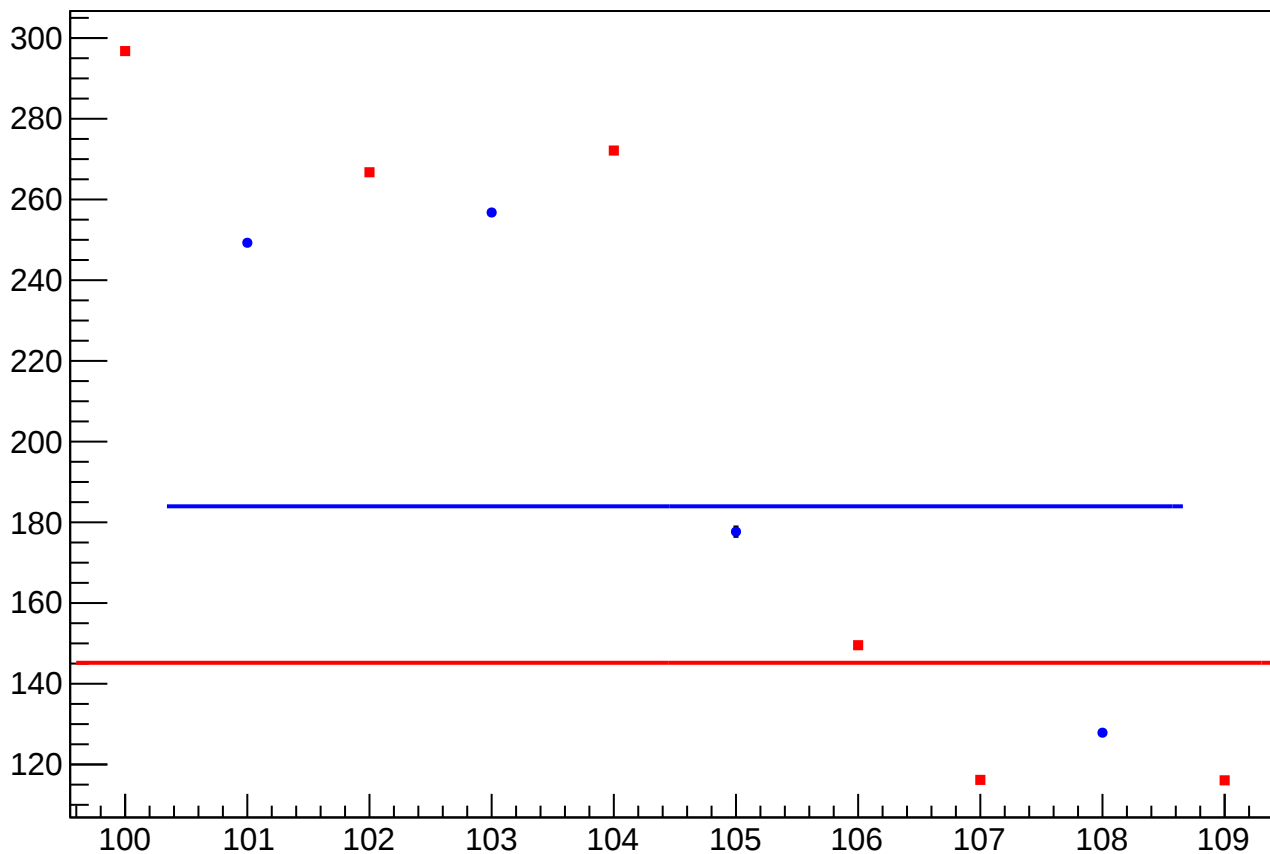
Right Out: 1467.343+/-105.347 χ^2/NDF : 904.7/5

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

-9072.948+/-159.124 χ^2/NDF : 104.3/3

1467.343+/-105.347 χ^2/NDF : 904.7/5

asym_bpm1i06WS_rms vs slug



Right In: 183.968+/-0.113 χ^2/NDF : 303534.3/3

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

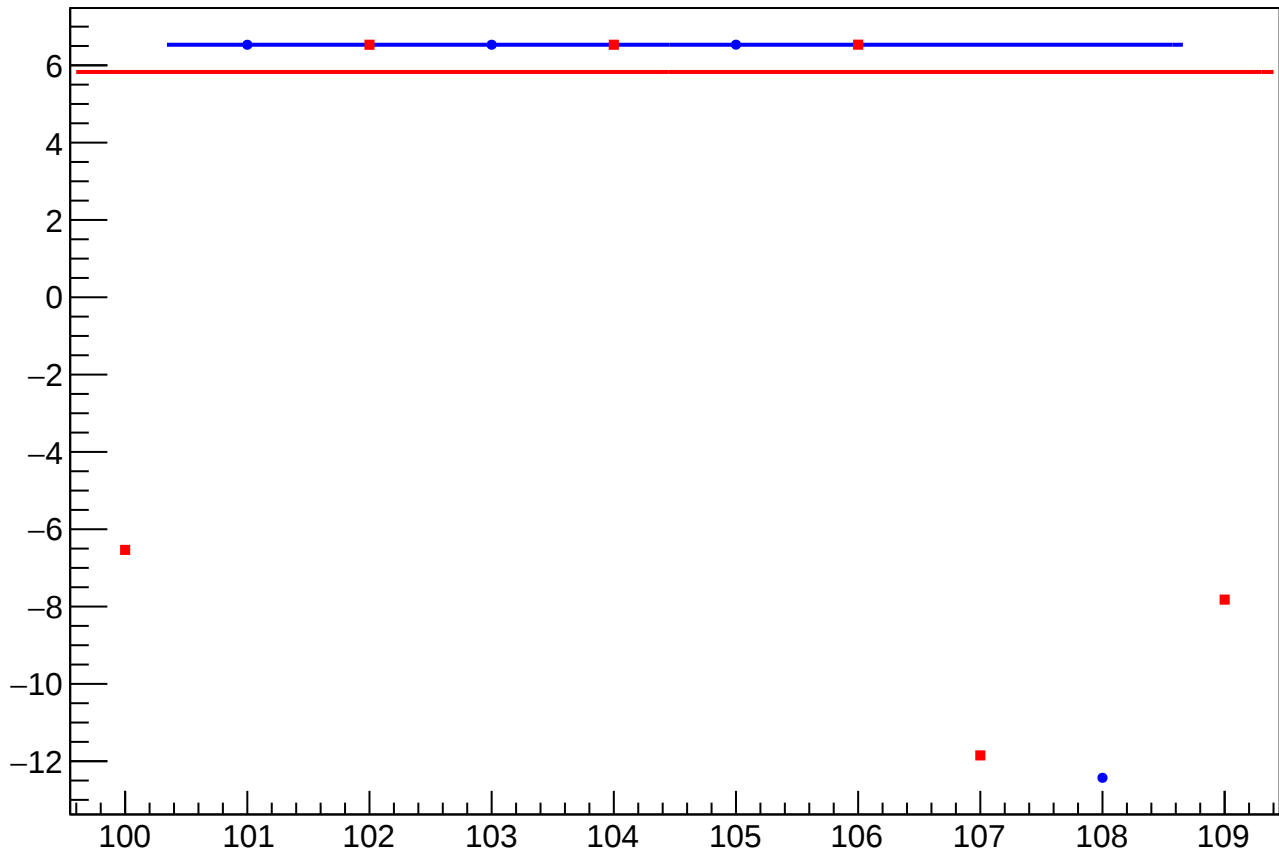
183.968+/-0.113 χ^2/NDF : 303534.3/3

Right Out: 145.197+/-0.074 χ^2/NDF : 557681.5/5

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

145.197+/-0.074 χ^2/NDF : 557681.5/5

yield_cav4bX_mean vs slug



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 10642735311.1/3

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

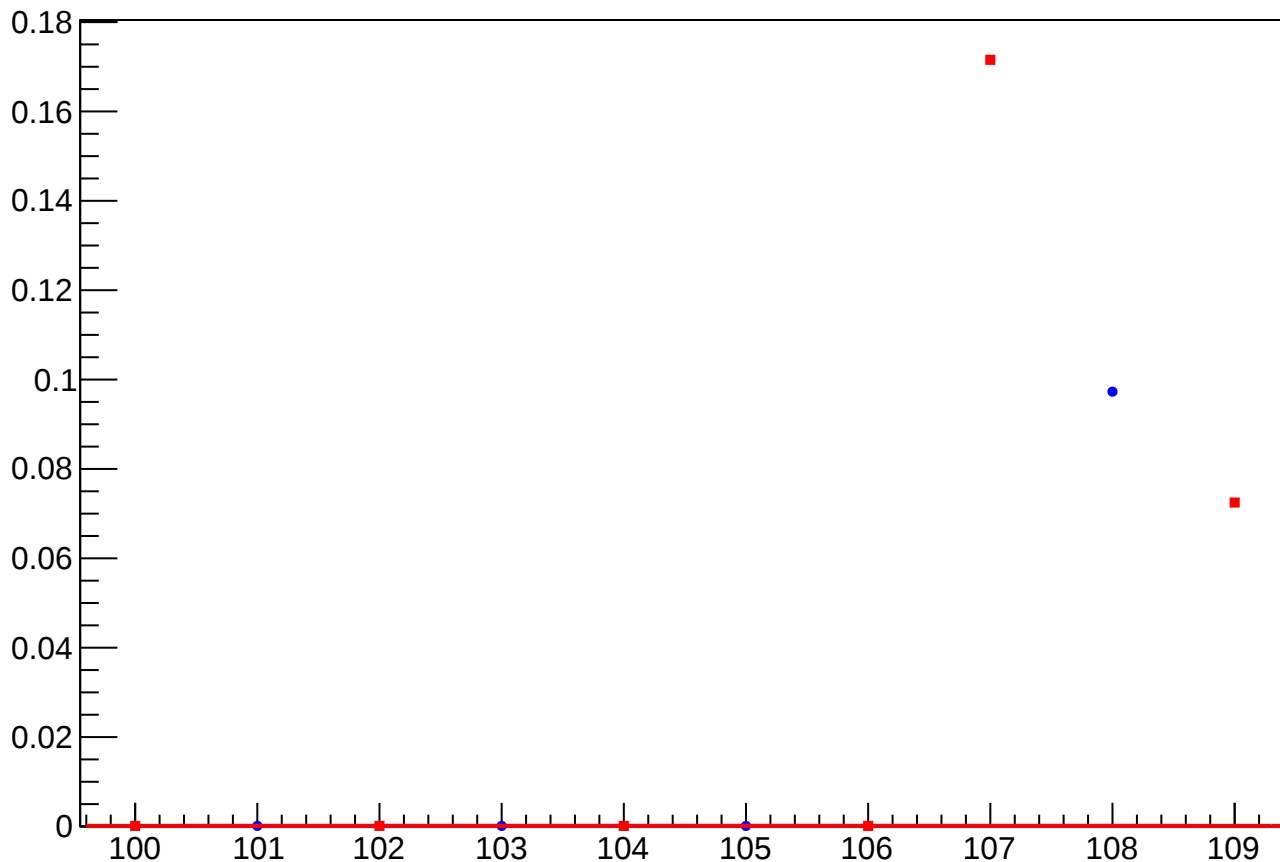
6.532 $\pm$ 0.000 χ^2 /NDF: 10642735311.1/3

Right Out: 5.828 $\pm$ 0.000 χ^2 /NDF: 755853217809925.2/5

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

5.828 $\pm$ 0.000 χ^2 /NDF: 755853217809925.2/5

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 562001.8/3

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

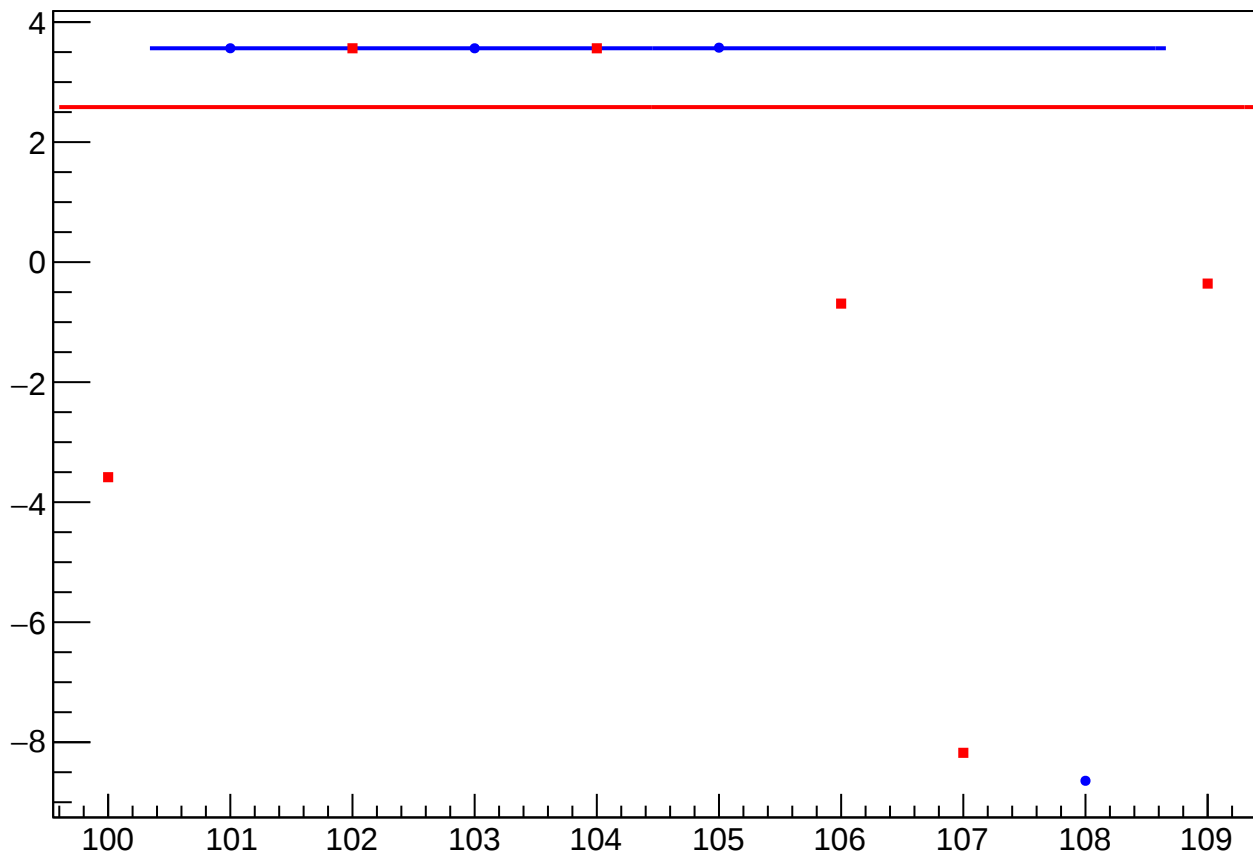
Right Out: 0.000+/-0.000 χ^2/NDF : 1138692.9/5

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

0.000+/-0.000 χ^2/NDF : 562001.8/3

0.000+/-0.000 χ^2/NDF : 1138692.9/5

yield_cav4bY_mean vs slug



Right In: 3.564 $\pm$ 0.000 χ^2 /NDF: 5752930766.7/3

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

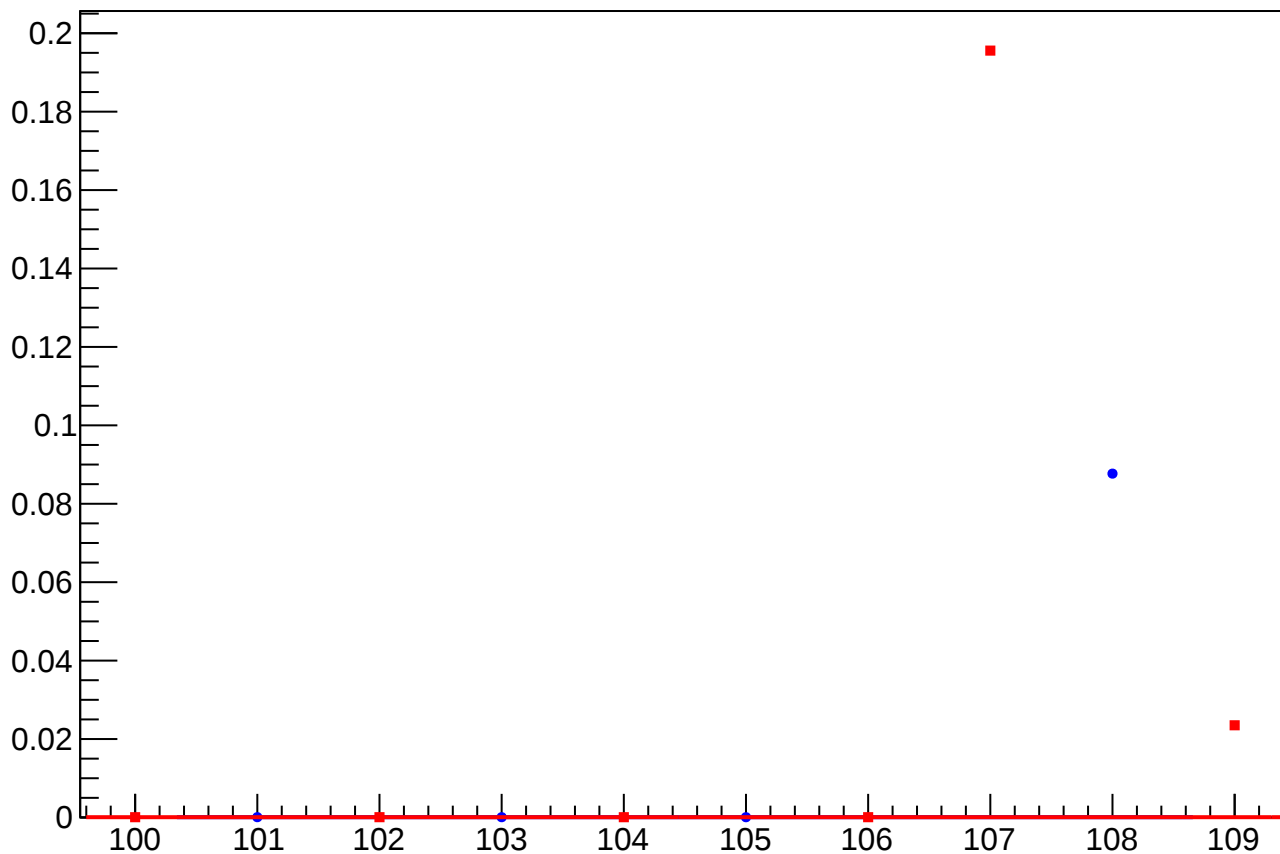
Right Out: 2.584 $\pm$ 0.000 χ^2 /NDF: 1253243433246358.0/5

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

3.564 $\pm$ 0.000 χ^2 /NDF: 5752930766.7/3

2.584 $\pm$ 0.000 χ^2 /NDF: 1253243433246358.0/5

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 566898.0/3

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

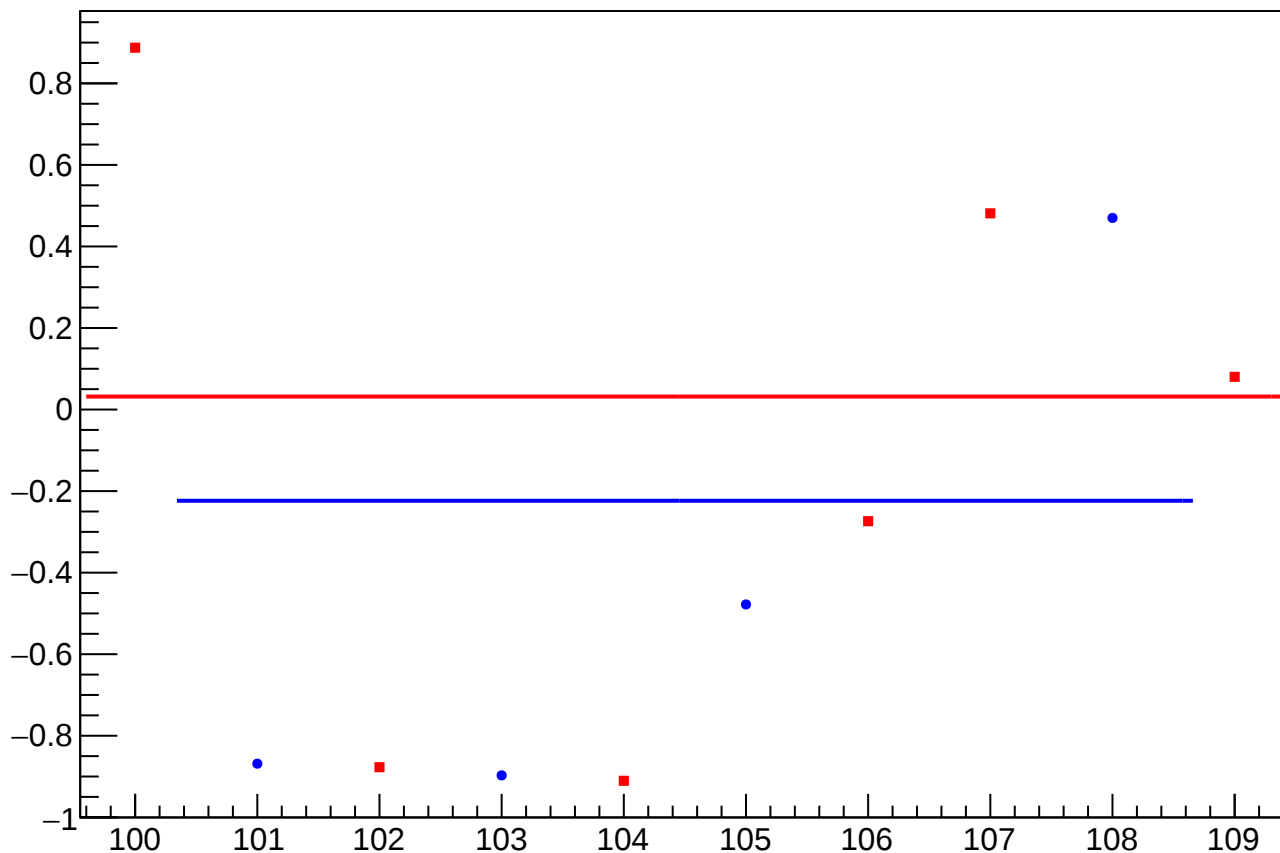
Right Out: 0.000+/-0.000 χ^2/NDF : 1010297.9/5

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

0.000+/-0.000 χ^2/NDF : 566898.0/3

0.000+/-0.000 χ^2/NDF : 1010297.9/5

yield_cav4cX_mean vs slug



Right In: -0.224+/-0.000 χ^2/NDF : 8822381841.4/3

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

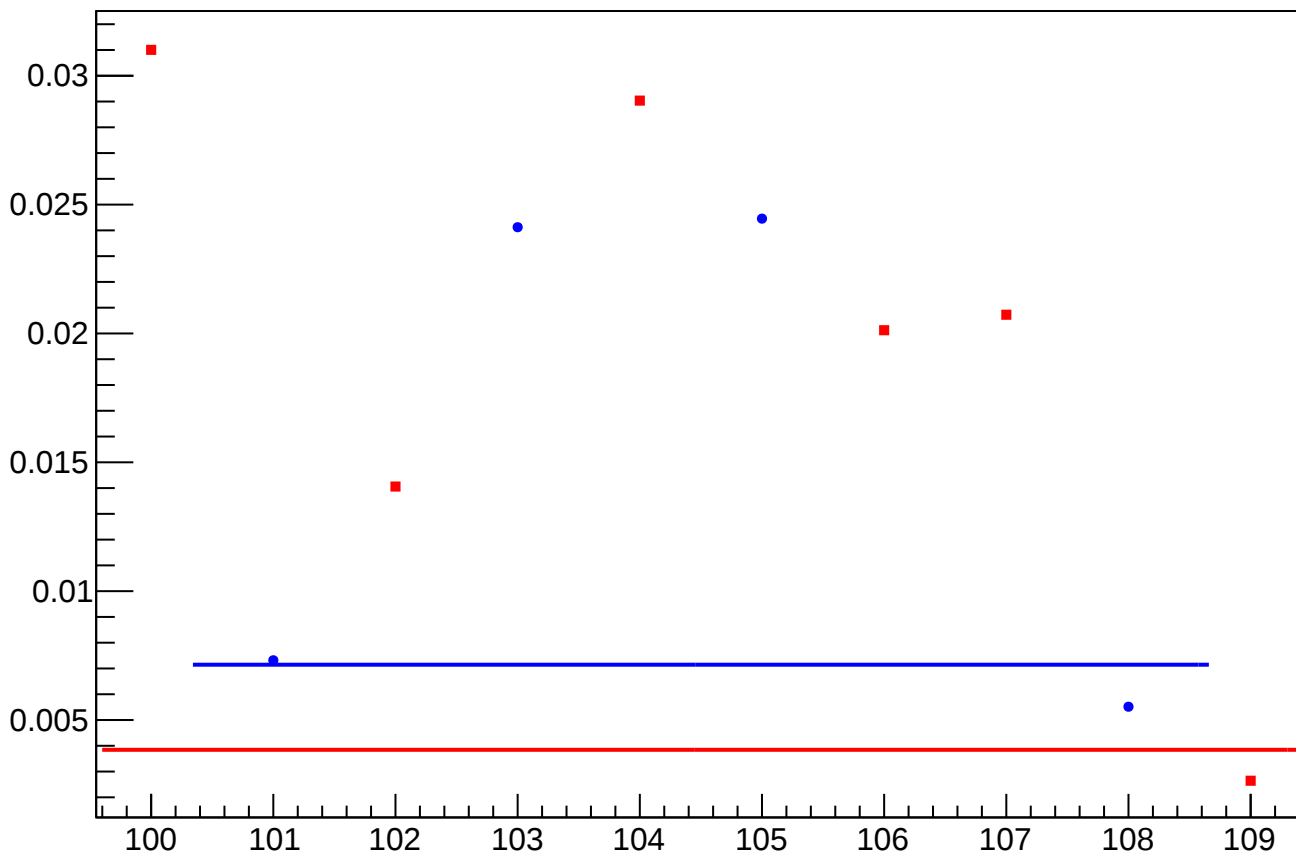
-0.224+/-0.000 χ^2/NDF : 8822381841.4/3

Right Out: 0.032+/-0.000 χ^2/NDF : 2983722970.5/5

0.032+/-0.000 χ^2/NDF : 2983722970.5/5

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

yield_cav4cX_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 521703.2/3

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

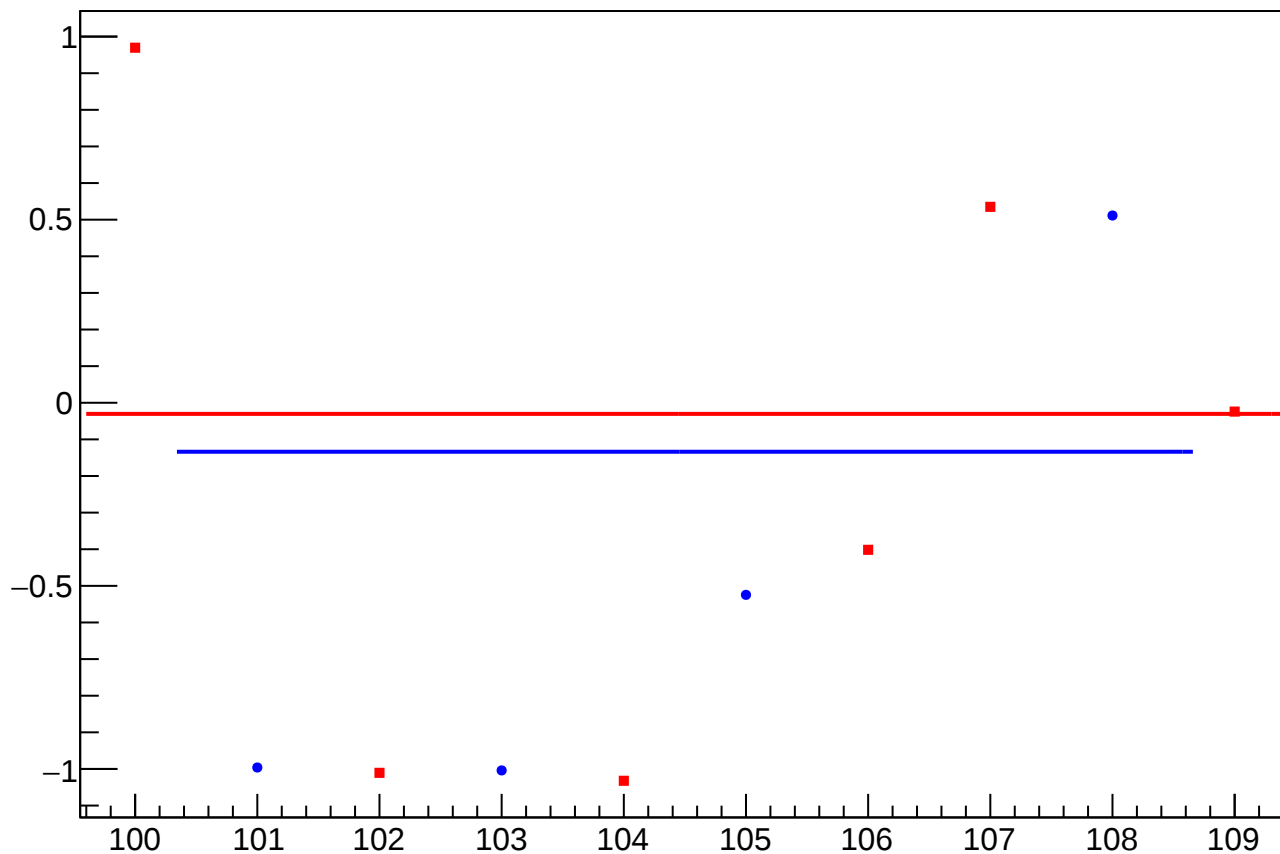
Right Out: 0.004+/-0.000 χ^2/NDF : 2196611.0/5

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

0.007+/-0.000 χ^2/NDF : 521703.2/3

0.004+/-0.000 χ^2/NDF : 2196611.0/5

yield_cav4cY_mean vs slug



Right In: -0.134+/-0.000 χ^2/NDF : 3422350826.9/3

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

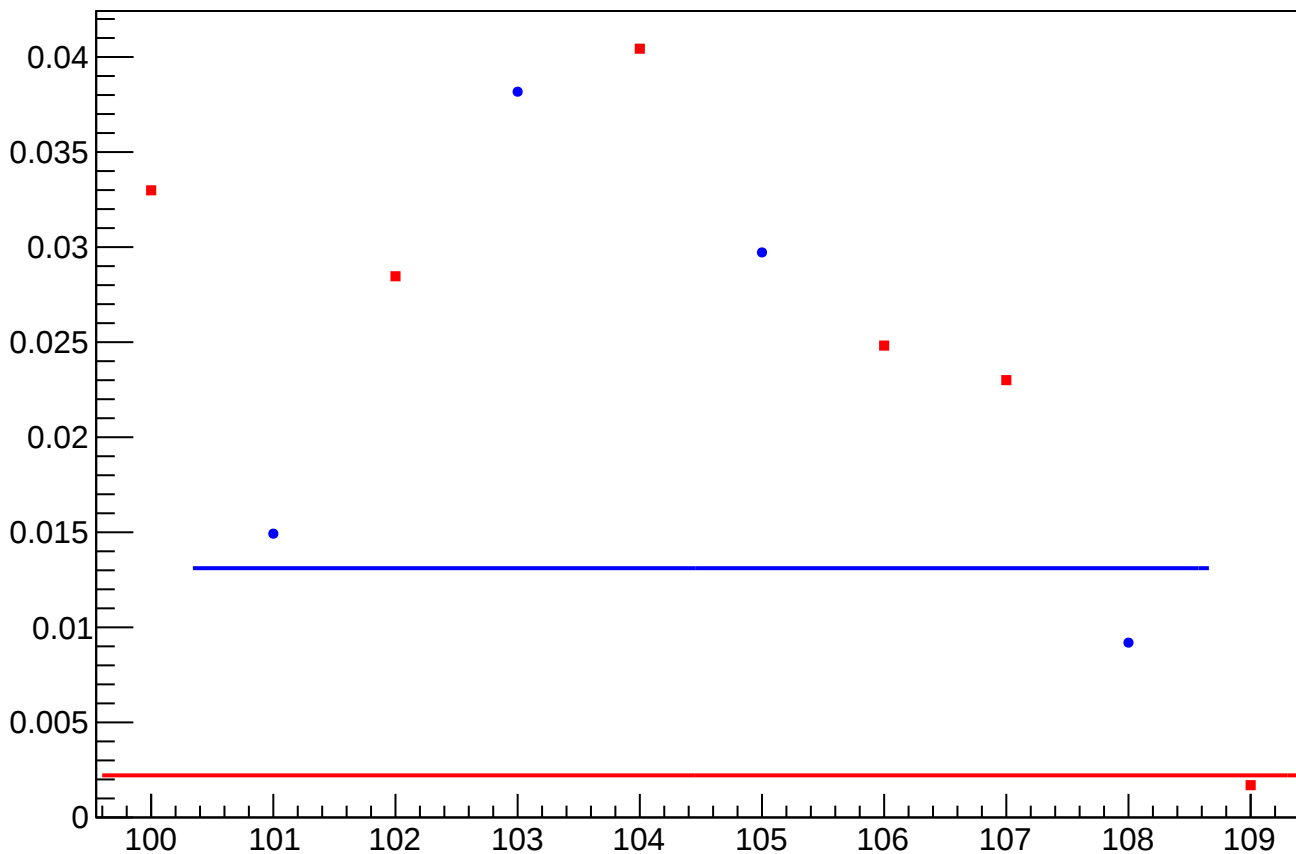
Right Out: -0.030+/-0.000 χ^2/NDF : 1187233837.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.134+/-0.000 χ^2/NDF : 3422350826.9/3

-0.030+/-0.000 χ^2/NDF : 1187233837.0/5

yield_cav4cY_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 606105.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

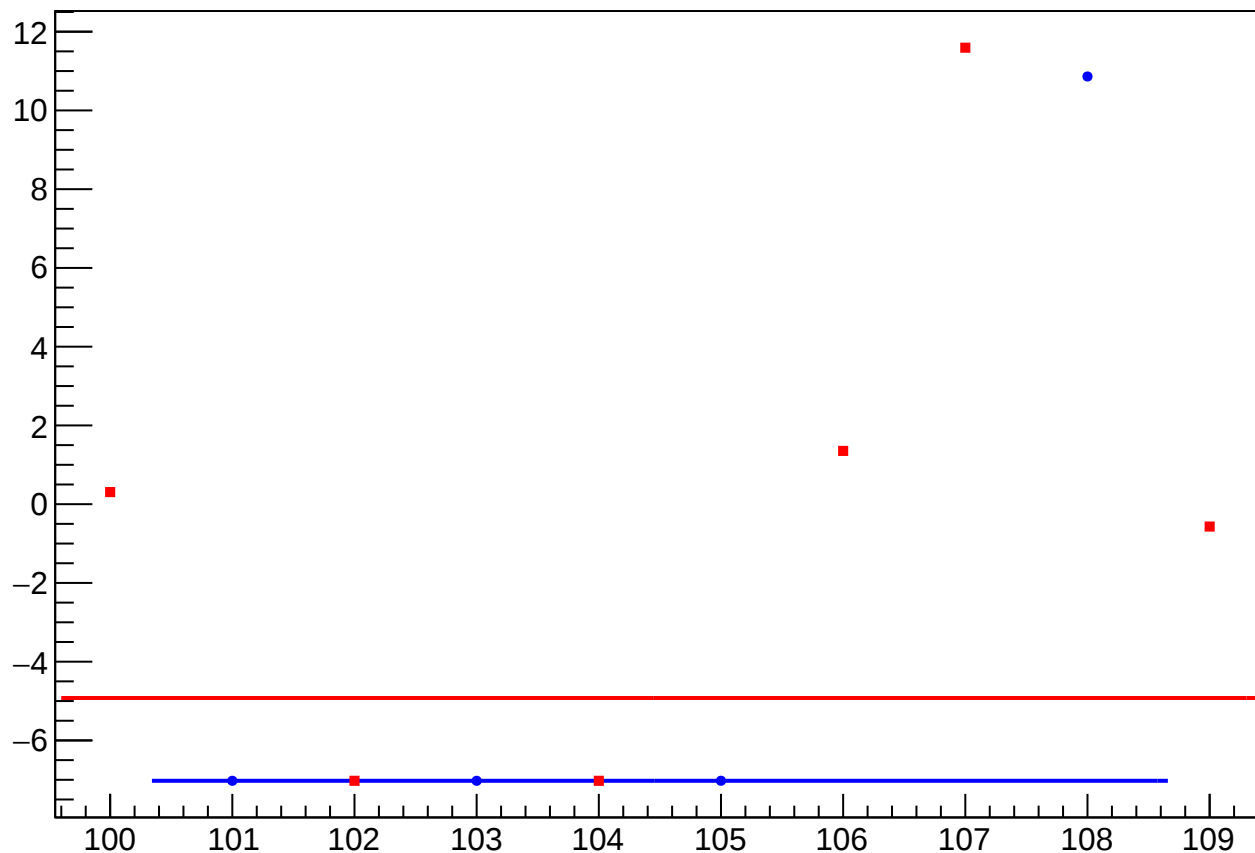
0.013+/-0.000 χ^2/NDF : 606105.6/3

Right Out: 0.002+/-0.000 χ^2/NDF : 2763260.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2763260.9/5

yield_cav4dX_mean vs slug



Right In: -7.025+/-0.000 χ^2/NDF : 36933964227.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

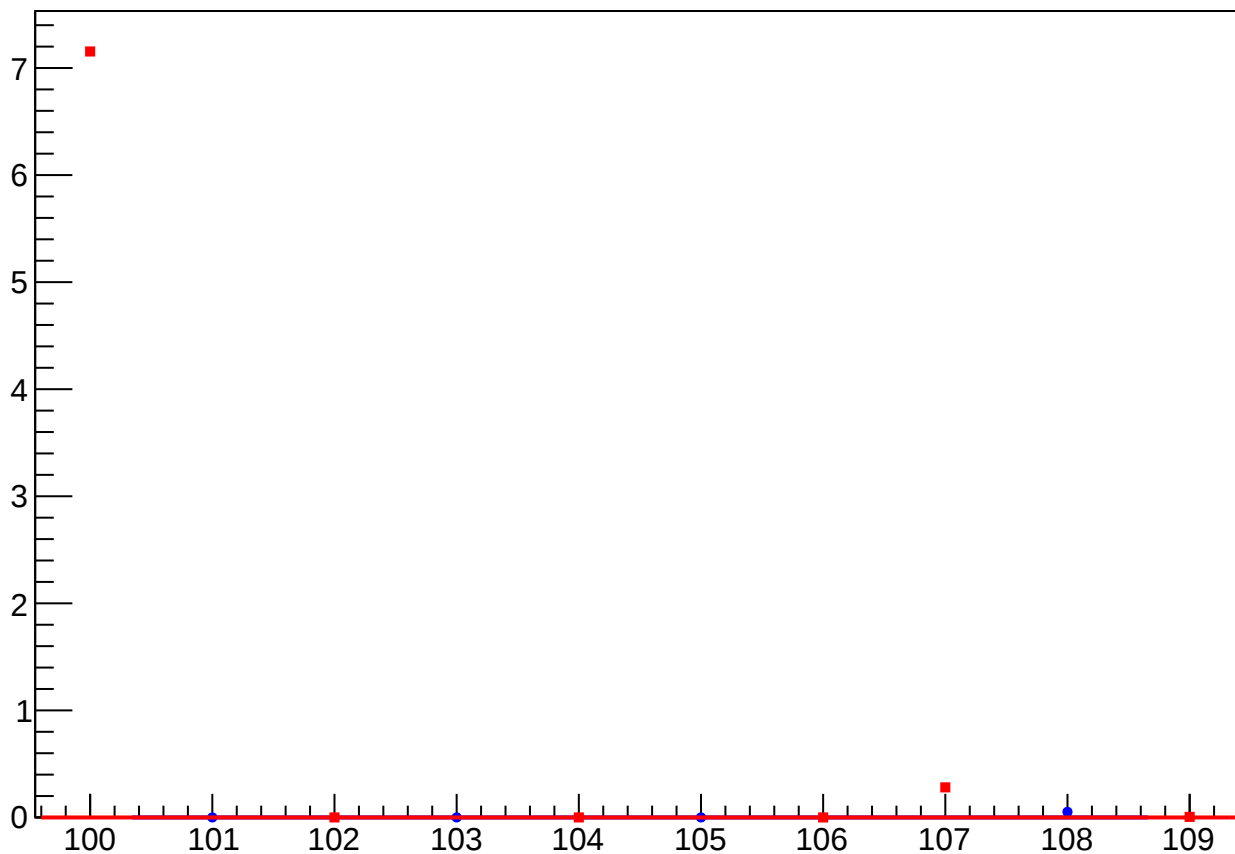
Right Out: -4.922+/-0.000 χ^2/NDF : 364216115628089.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.025+/-0.000 χ^2/NDF : 36933964227.9/3

-4.922+/-0.000 χ^2/NDF : 364216115628089.3/5

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 627194.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

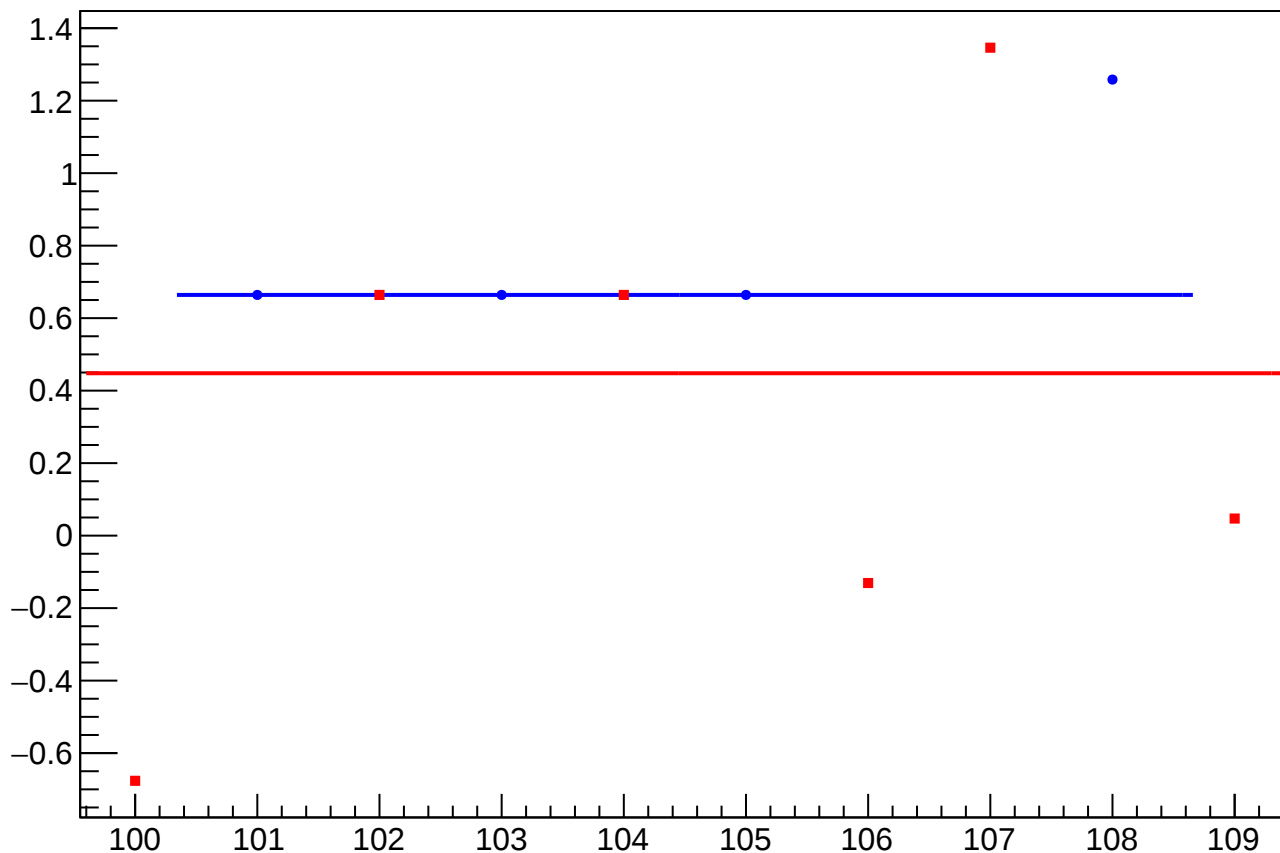
Right Out: 0.000+/-0.000 χ^2/NDF : 1055118.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 627194.9/3

0.000+/-0.000 χ^2/NDF : 1055118.1/5

yield_cav4dY_mean vs slug



Right In: 0.664+/-0.000 χ^2/NDF : 2078763699.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

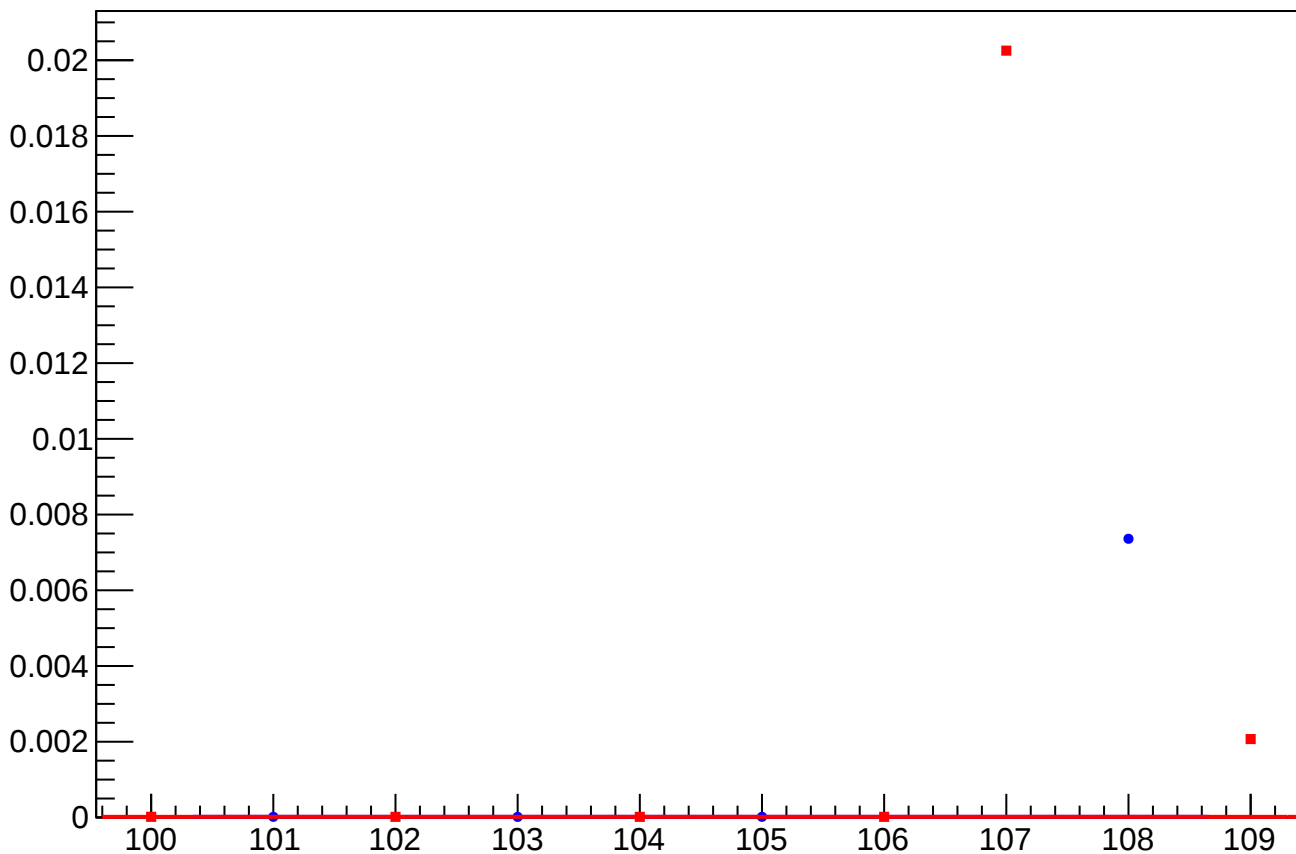
Right Out: 0.448+/-0.000 χ^2/NDF : 402873100292761.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.664+/-0.000 χ^2/NDF : 2078763699.9/3

0.448+/-0.000 χ^2/NDF : 402873100292761.1/5

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 636118.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

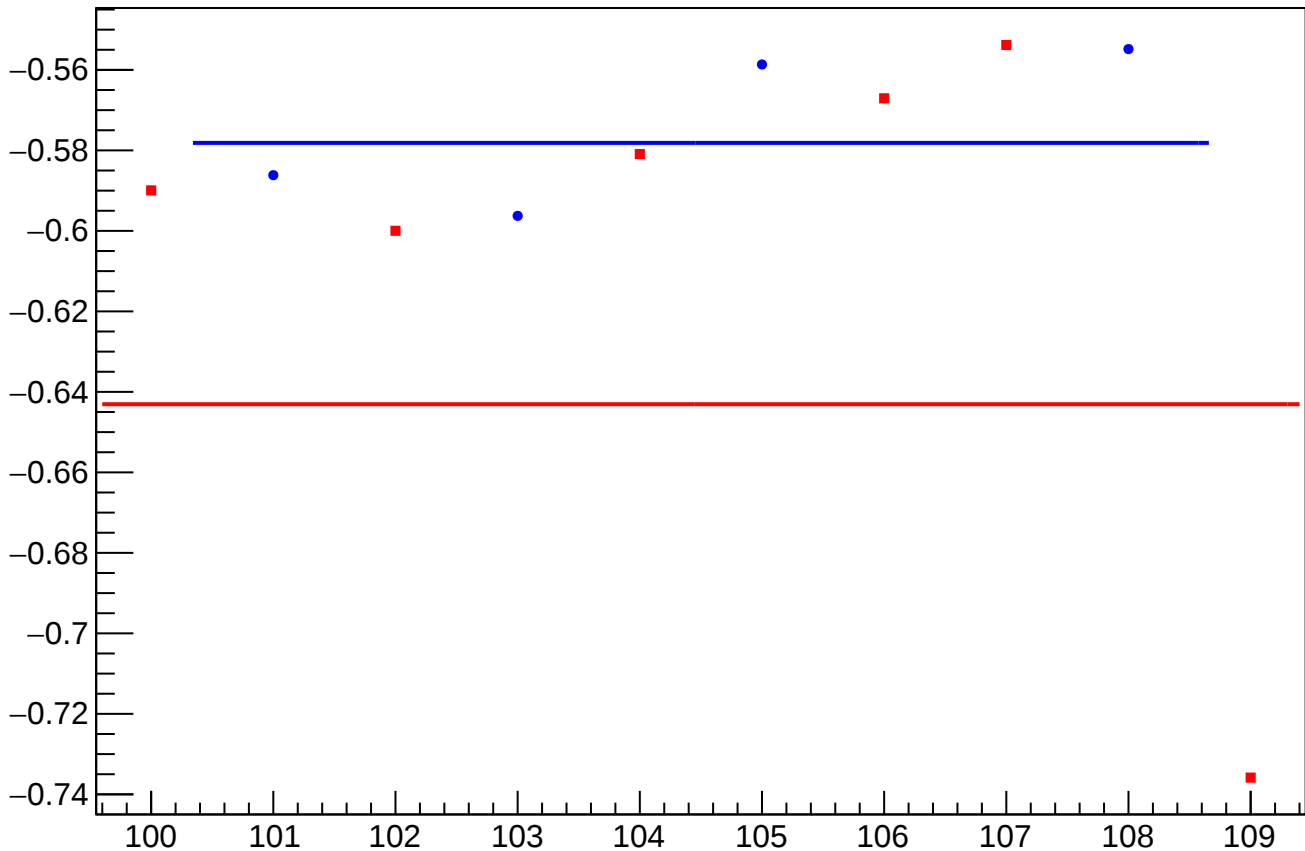
Right Out: 0.000+/-0.000 χ^2/NDF : 730003.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 636118.4/3

0.000+/-0.000 χ^2/NDF : 730003.1/5

yield_bpm4aX_mean vs slug



Right In: -0.578+/-0.000 χ^2/NDF : 200627.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

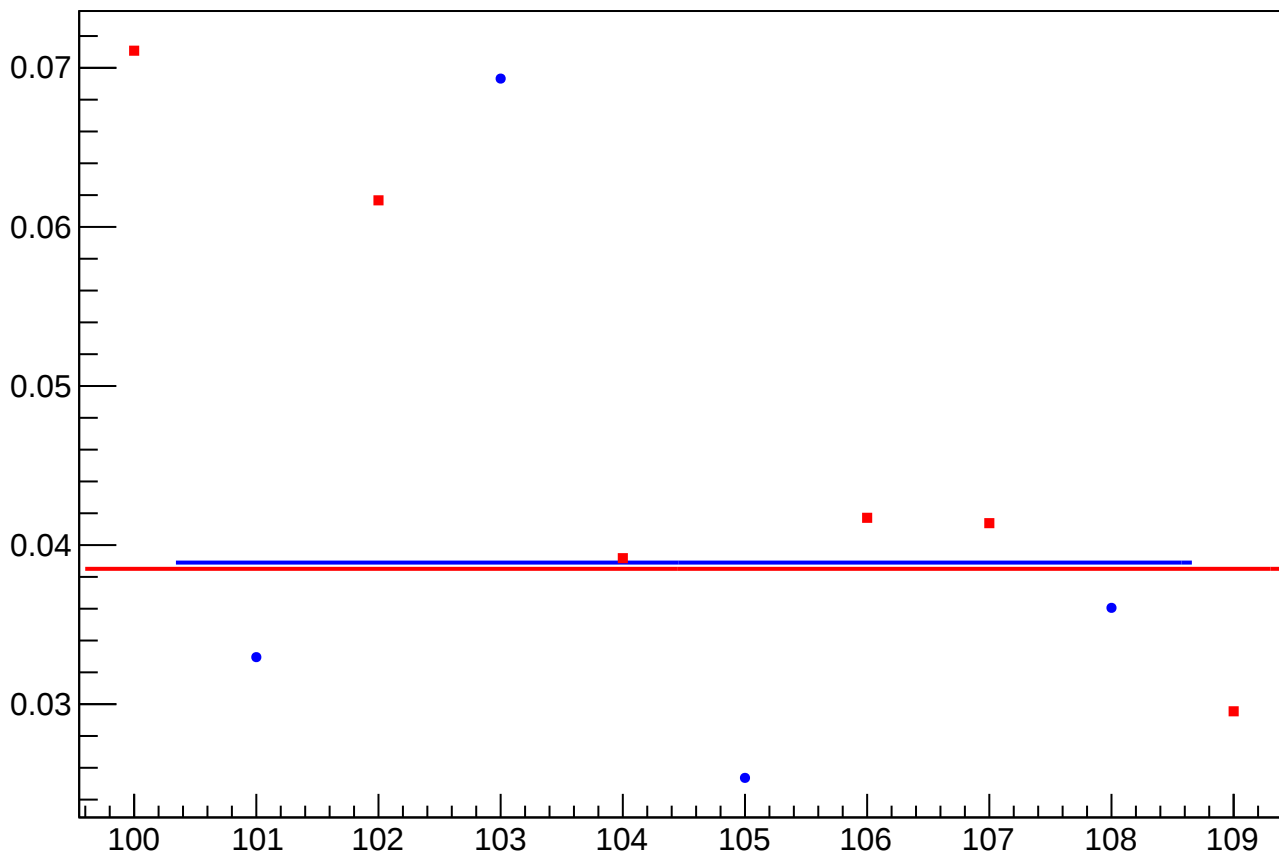
-0.578+/-0.000 χ^2/NDF : 200627.2/3

Right Out: -0.643+/-0.000 χ^2/NDF : 7662082.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.643+/-0.000 χ^2/NDF : 7662082.0/5

yield_bpm4aX_rms vs slug



Right In: 0.039+/-0.000 χ^2/NDF : 257919.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

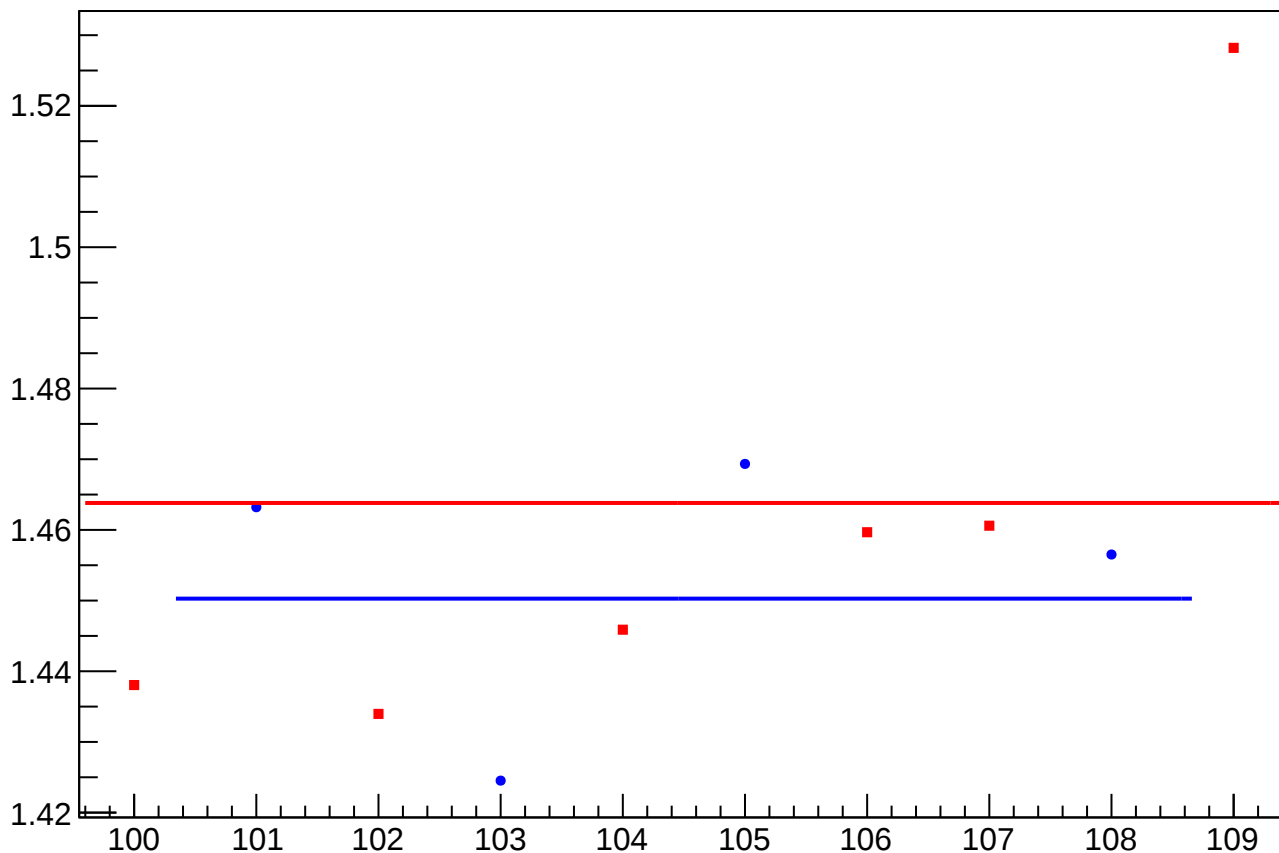
Right Out: 0.039+/-0.000 χ^2/NDF : 254862.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.039+/-0.000 χ^2/NDF : 257919.4/3

0.039+/-0.000 χ^2/NDF : 254862.6/5

yield_bpm4aY_mean vs slug



Right In: 1.450+/-0.000 χ^2/NDF : 1551745.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

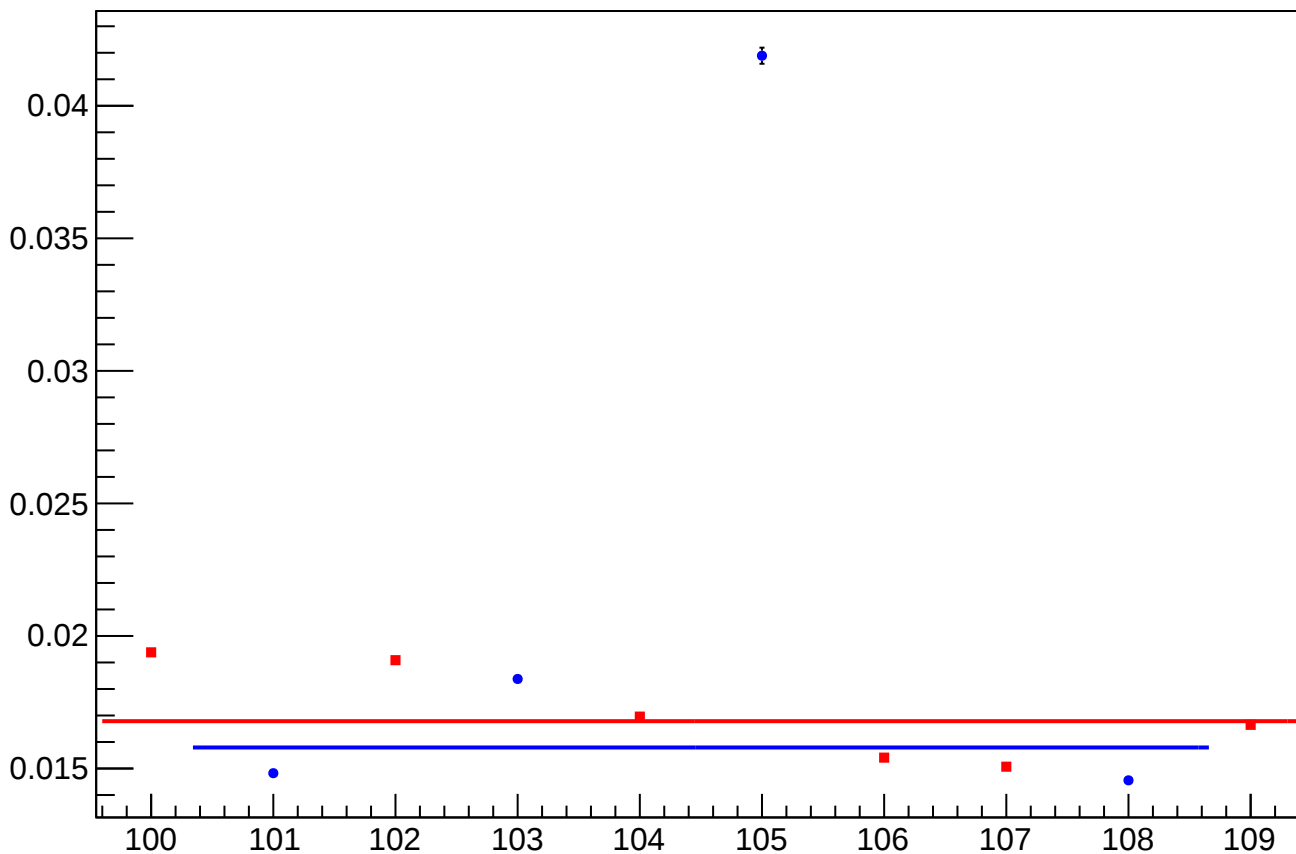
Right Out: 1.464+/-0.000 χ^2/NDF : 7353135.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.450+/-0.000 χ^2/NDF : 1551745.9/3

1.464+/-0.000 χ^2/NDF : 7353135.9/5

yield_bpm4aY_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 38547.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

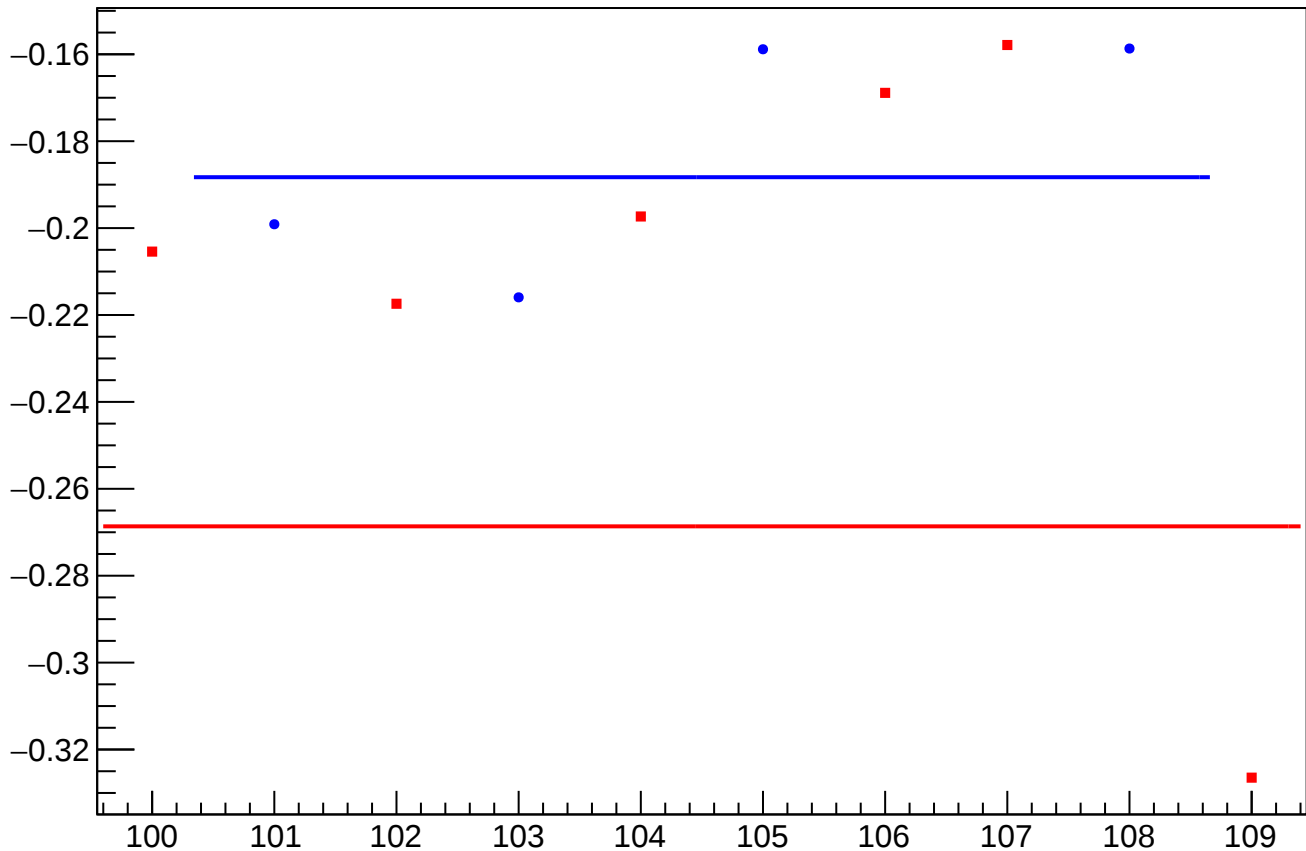
Right Out: 0.017+/-0.000 χ^2/NDF : 29589.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 38547.2/3

0.017+/-0.000 χ^2/NDF : 29589.1/5

yield_bpm4eX_mean vs slug



Right In: -0.188+/-0.000 χ^2/NDF : 353345.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

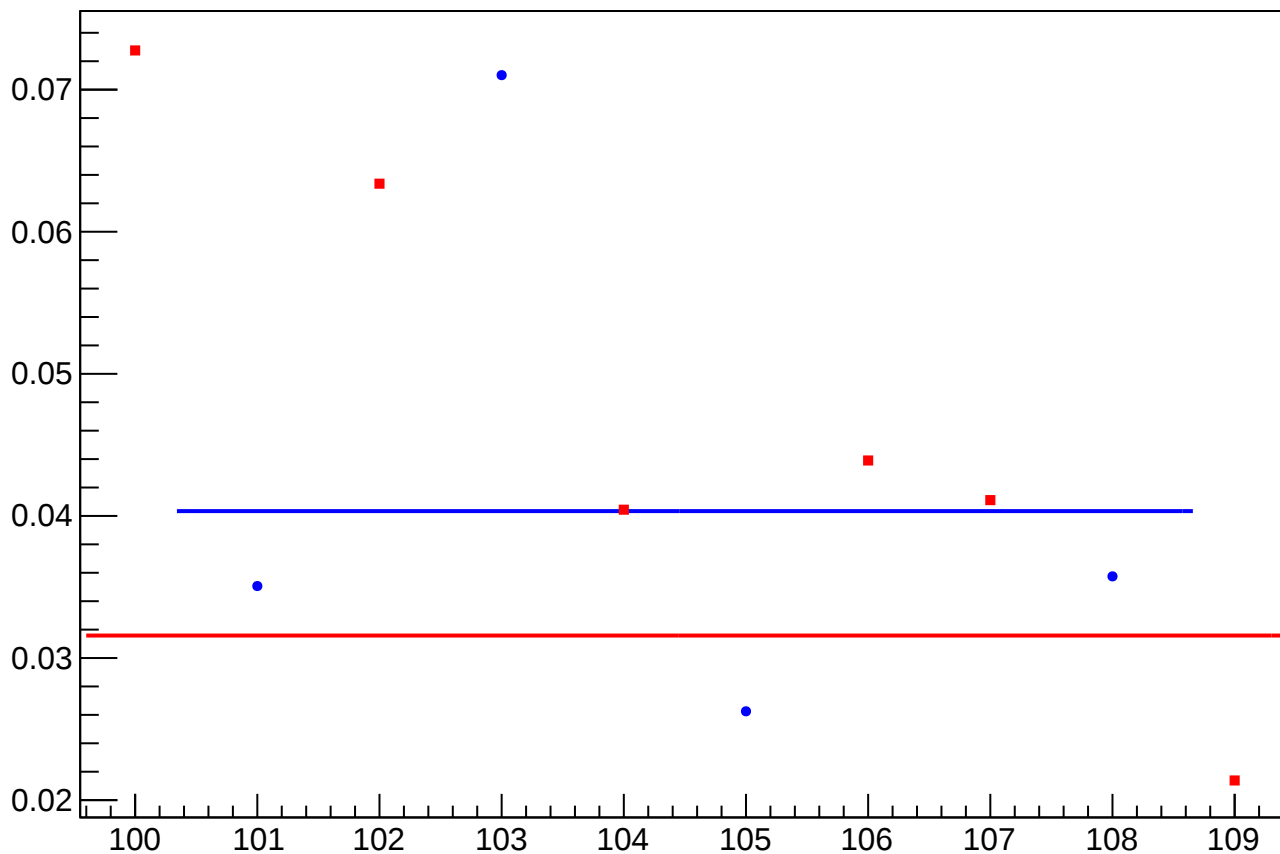
-0.188+/-0.000 χ^2/NDF : 353345.0/3

Right Out: -0.269+/-0.000 χ^2/NDF : 7969255.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.269+/-0.000 χ^2/NDF : 7969255.6/5

yield_bpm4eX_rms vs slug



Right In: 0.040 $\pm$ 0.000 χ^2 /NDF: 247818.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

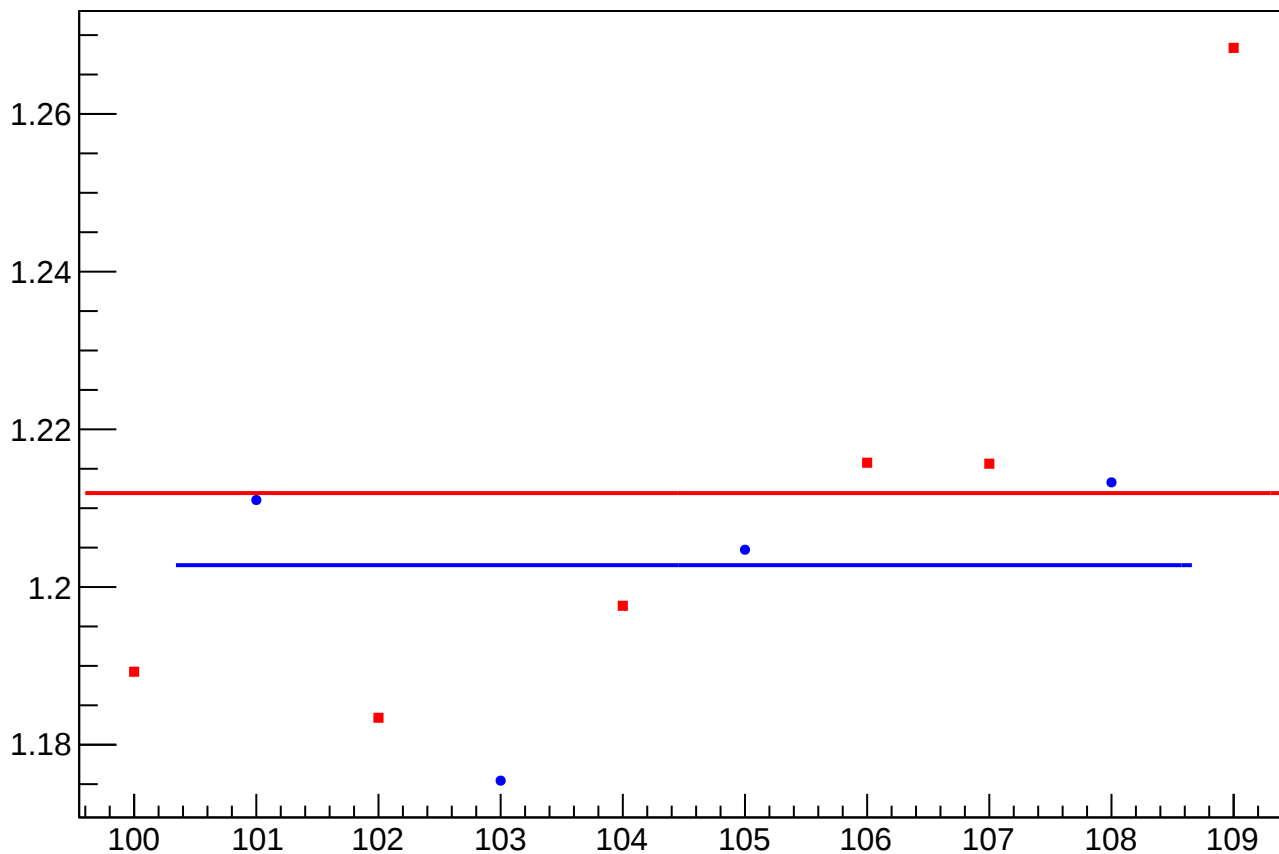
Right Out: 0.032 $\pm$ 0.000 χ^2 /NDF: 592525.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.040 $\pm$ 0.000 χ^2 /NDF: 247818.1/3

0.032 $\pm$ 0.000 χ^2 /NDF: 592525.7/5

yield_bpm4eY_mean vs slug



Right In: 1.203+/-0.000 χ^2/NDF : 2153143.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

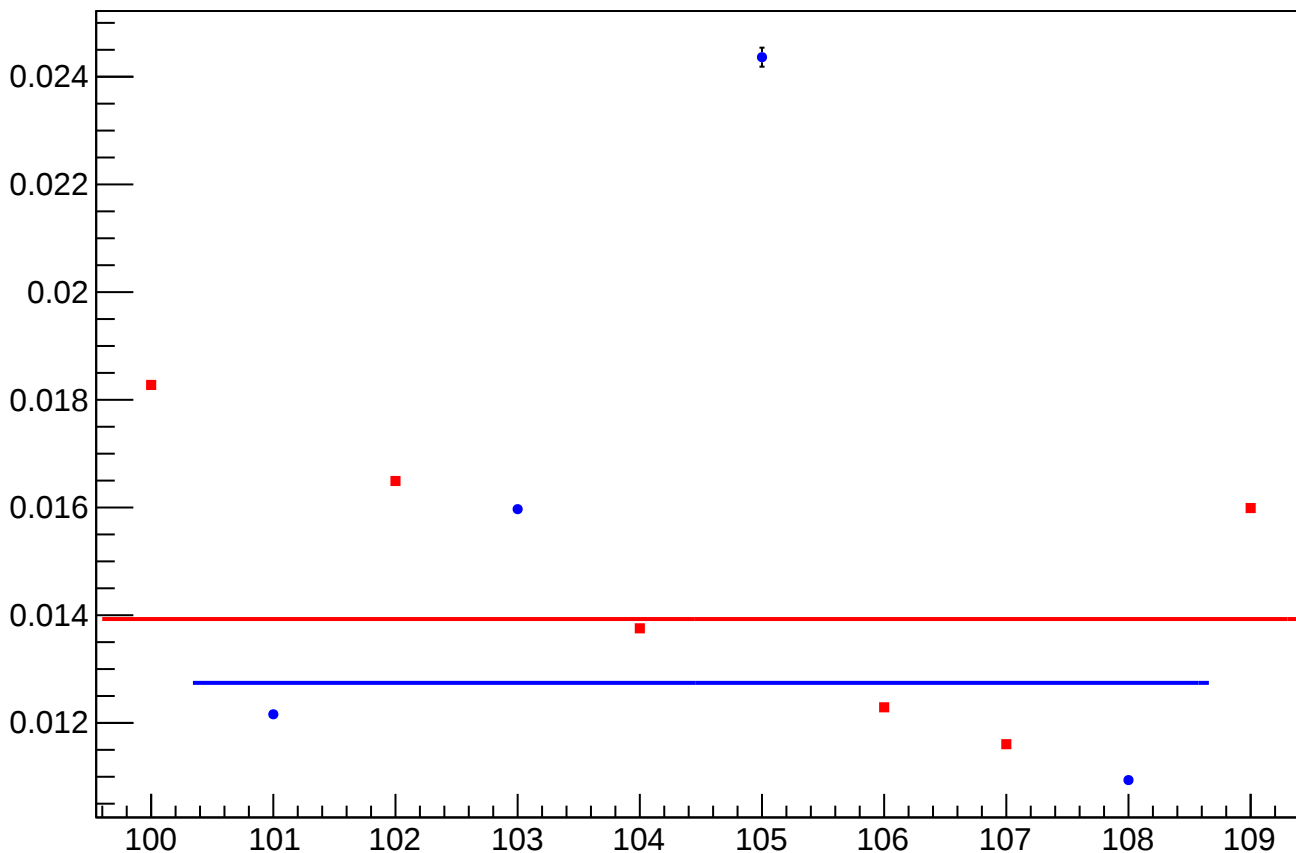
Right Out: 1.212+/-0.000 χ^2/NDF : 6553123.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.203+/-0.000 χ^2/NDF : 2153143.7/3

1.212+/-0.000 χ^2/NDF : 6553123.9/5

yield_bpm4eY_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 69630.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

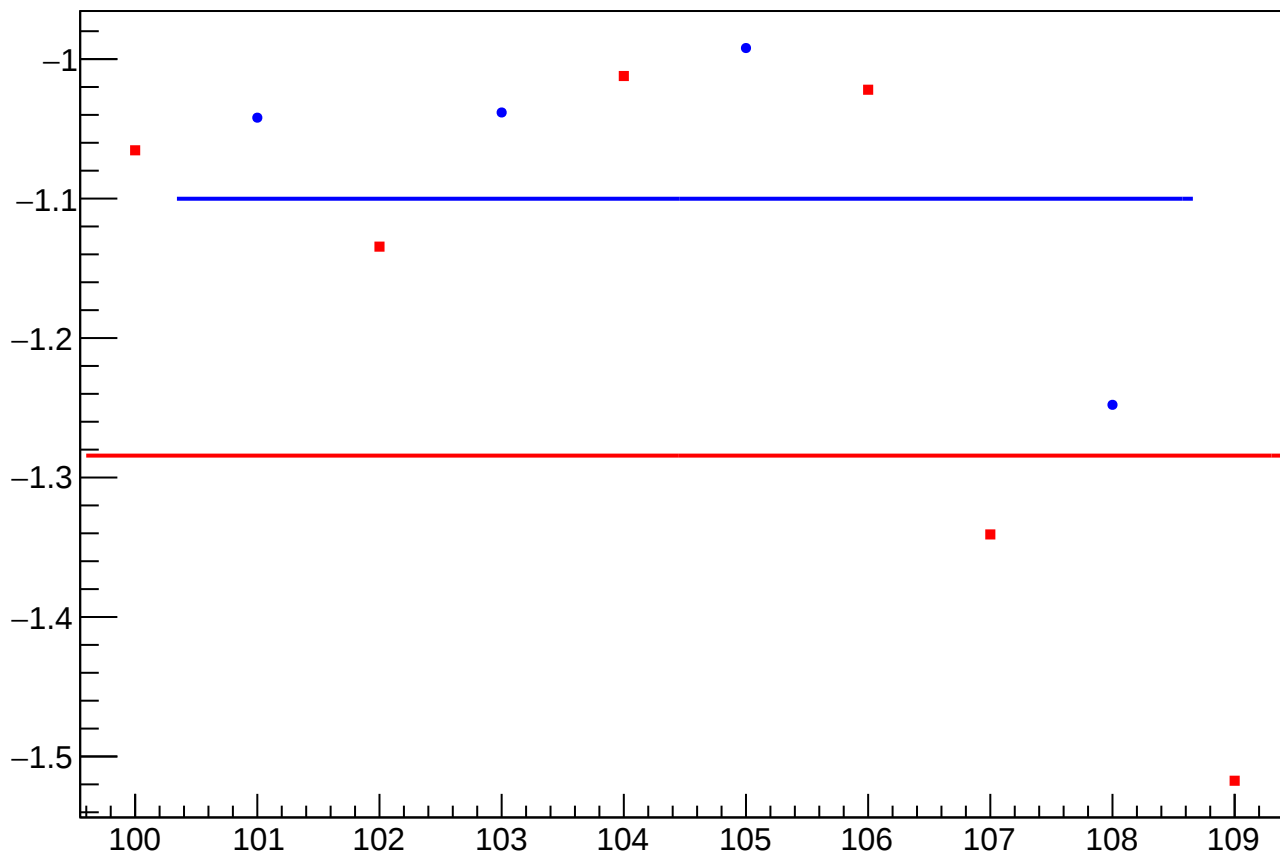
Right Out: 0.014+/-0.000 χ^2/NDF : 78233.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 69630.6/3

0.014+/-0.000 χ^2/NDF : 78233.8/5

yield_bpm4acX_mean vs slug



Right In: -1.100+/-0.000 χ^2/NDF : 7357891.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

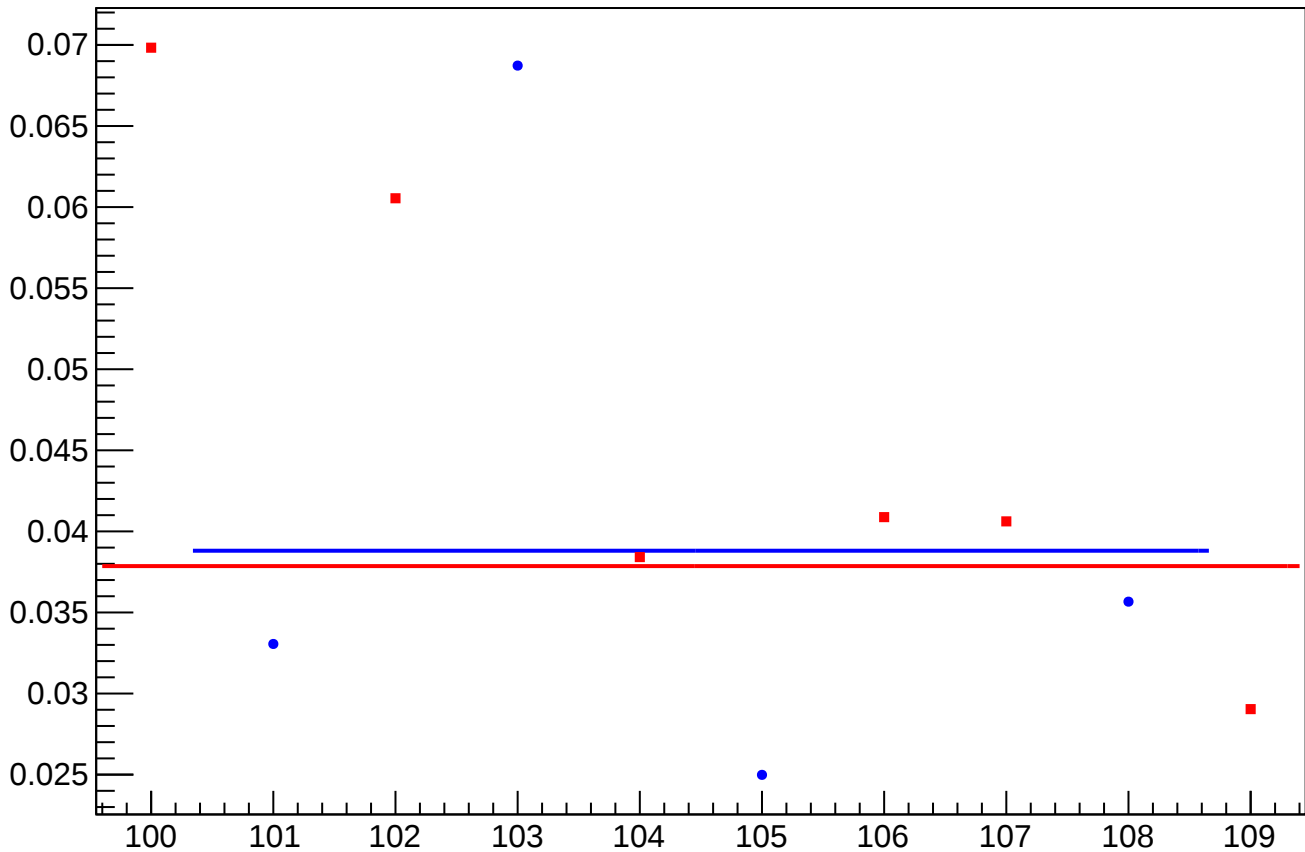
Right Out: -1.284+/-0.000 χ^2/NDF : 60782835.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.100+/-0.000 χ^2/NDF : 7357891.1/3

-1.284+/-0.000 χ^2/NDF : 60782835.3/5

yield_bpm4acX_rms vs slug



Right In: 0.039+/-0.000 χ^2/NDF : 252913.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

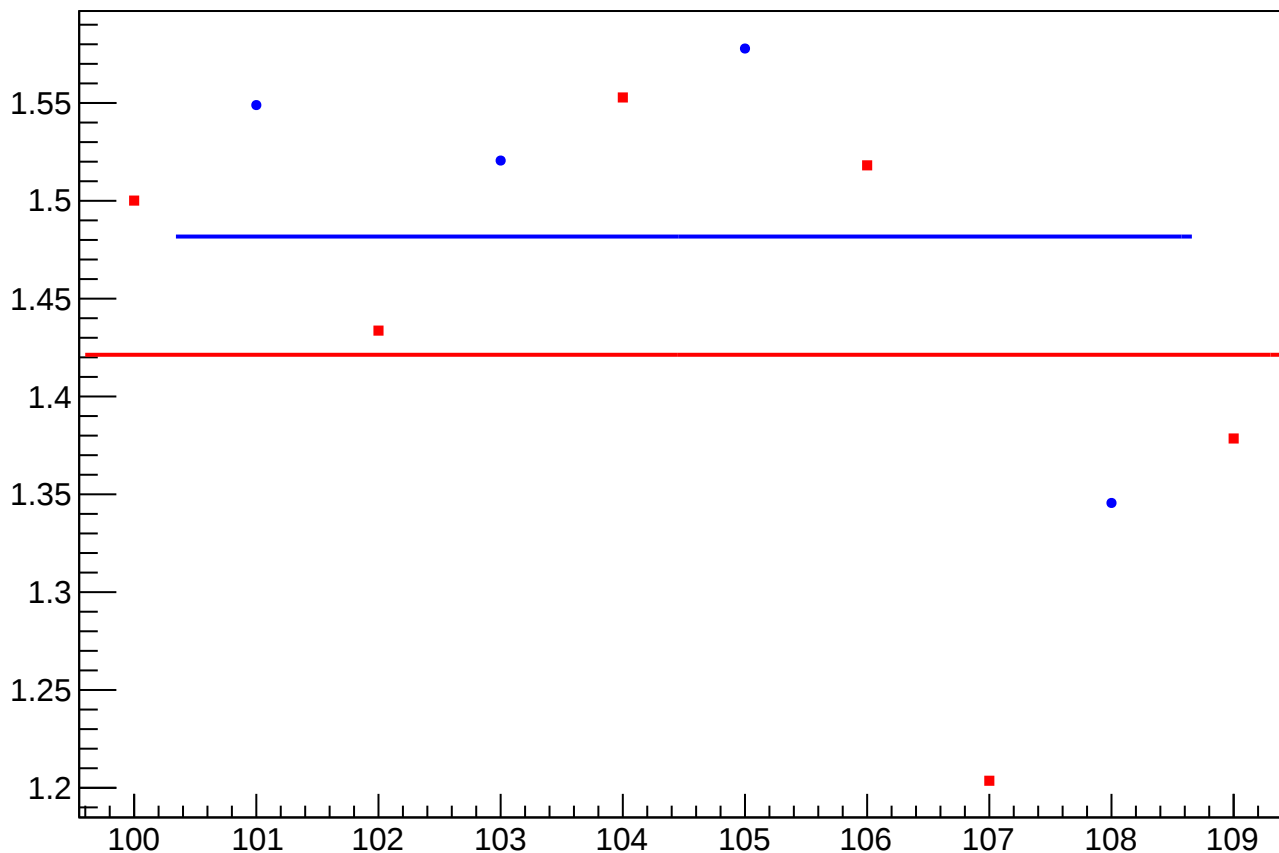
0.039+/-0.000 χ^2/NDF : 252913.4/3

Right Out: 0.038+/-0.000 χ^2/NDF : 252861.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.038+/-0.000 χ^2/NDF : 252861.3/5

yield_bpm4acY_mean vs slug



Right In: 1.482+/-0.000 χ^2/NDF : 39039444.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

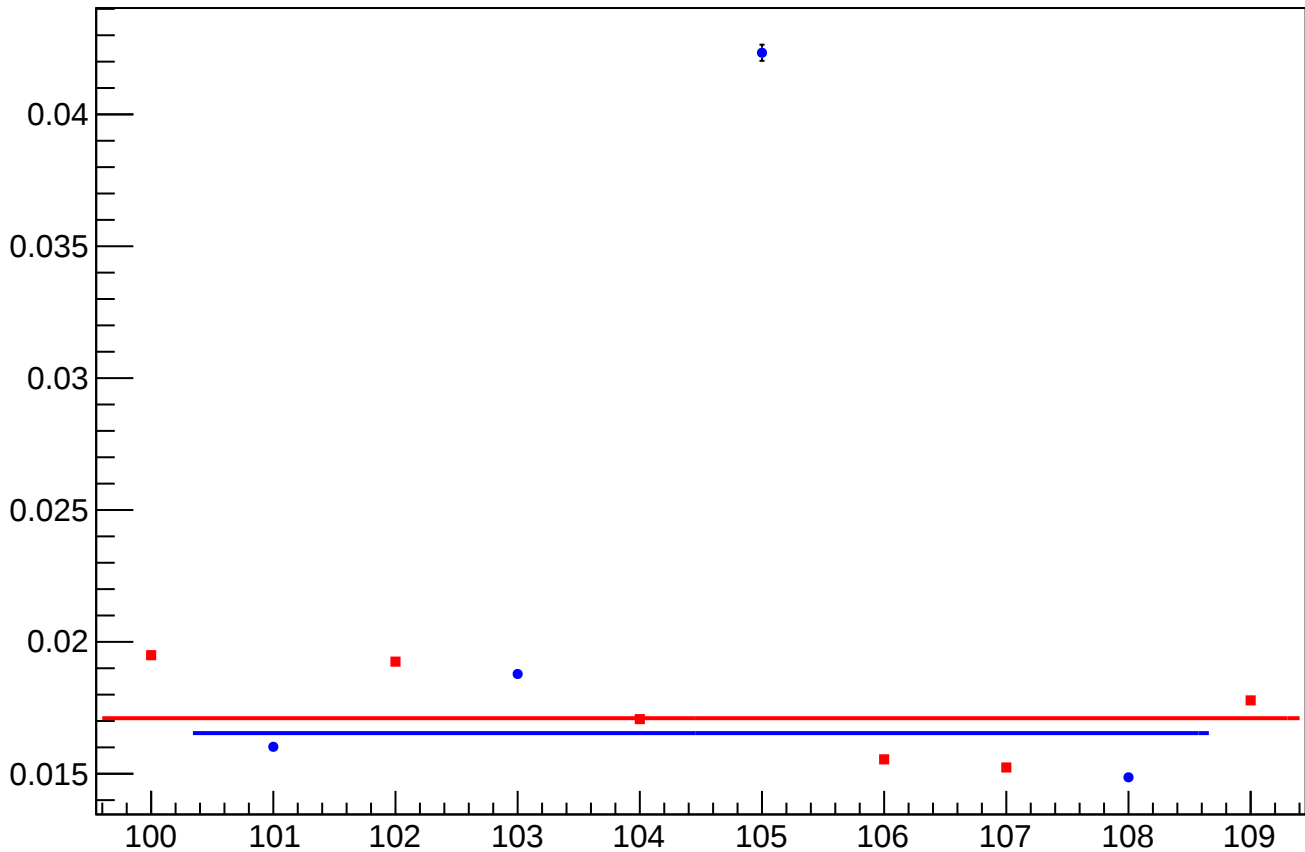
Right Out: 1.421+/-0.000 χ^2/NDF : 104052521.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.482+/-0.000 χ^2/NDF : 39039444.2/3

1.421+/-0.000 χ^2/NDF : 104052521.8/5

yield_bpm4acY_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 31765.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

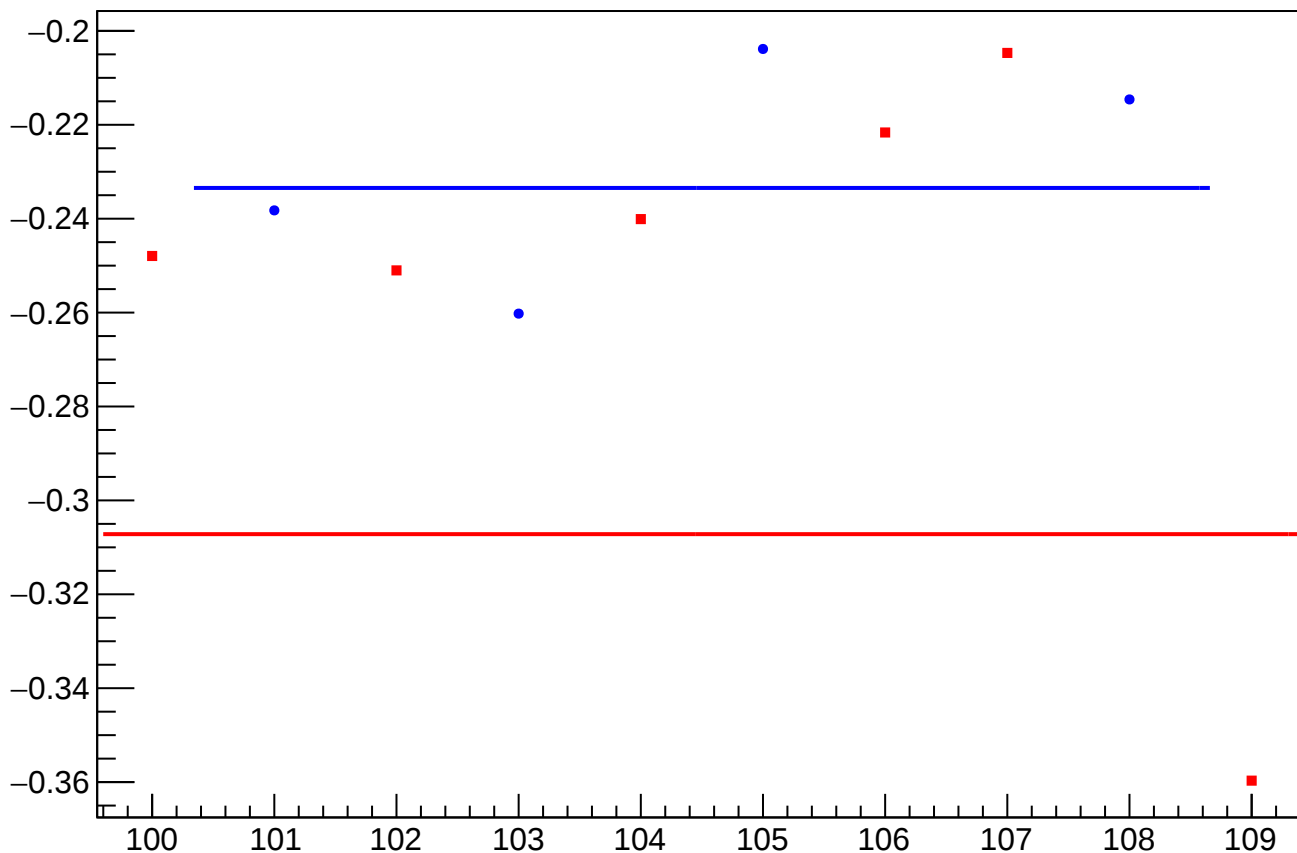
Right Out: 0.017+/-0.000 χ^2/NDF : 30248.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 31765.6/3

0.017+/-0.000 χ^2/NDF : 30248.4/5

yield_bpm4ecX_mean vs slug



Right In: -0.233+/-0.000 χ^2/NDF : 181490.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

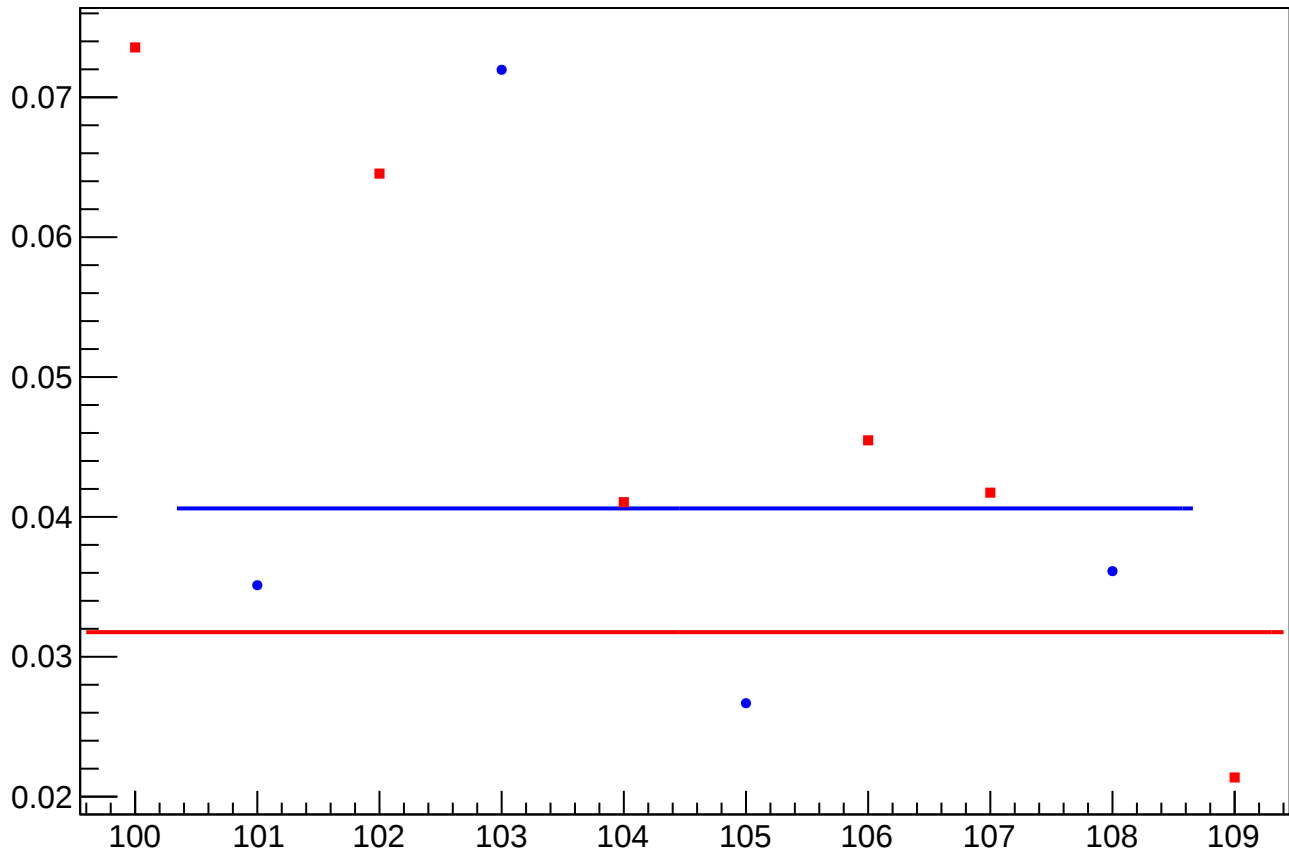
Right Out: -0.307+/-0.000 χ^2/NDF : 6572025.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.233+/-0.000 χ^2/NDF : 181490.1/3

-0.307+/-0.000 χ^2/NDF : 6572025.2/5

yield_bpm4ecX_rms vs slug



Right In: 0.041+/-0.000 χ^2/NDF : 251946.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

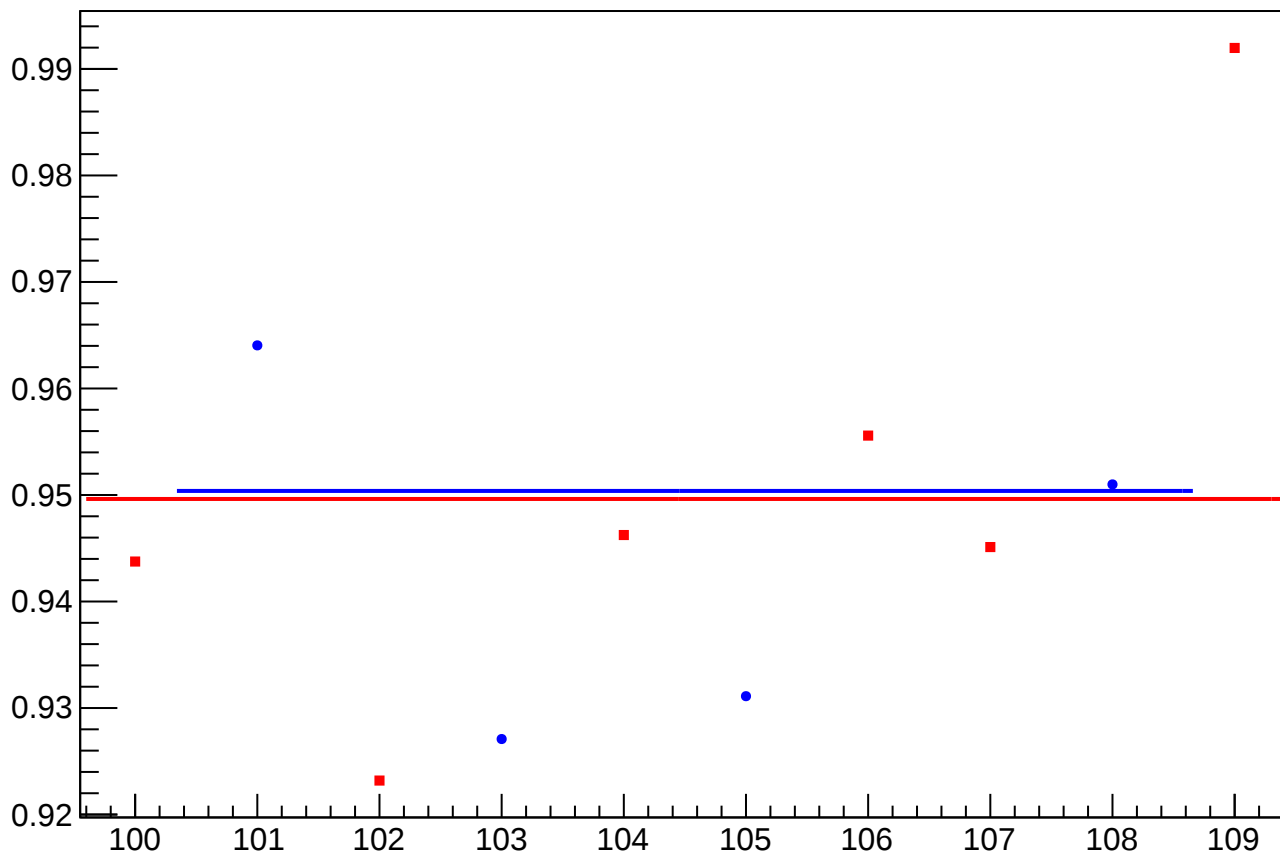
Right Out: 0.032+/-0.000 χ^2/NDF : 617038.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.041+/-0.000 χ^2/NDF : 251946.0/3

0.032+/-0.000 χ^2/NDF : 617038.5/5

yield_bpm4ecY_mean vs slug



Right In: 0.950+/-0.000 χ^2/NDF : 1795424.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

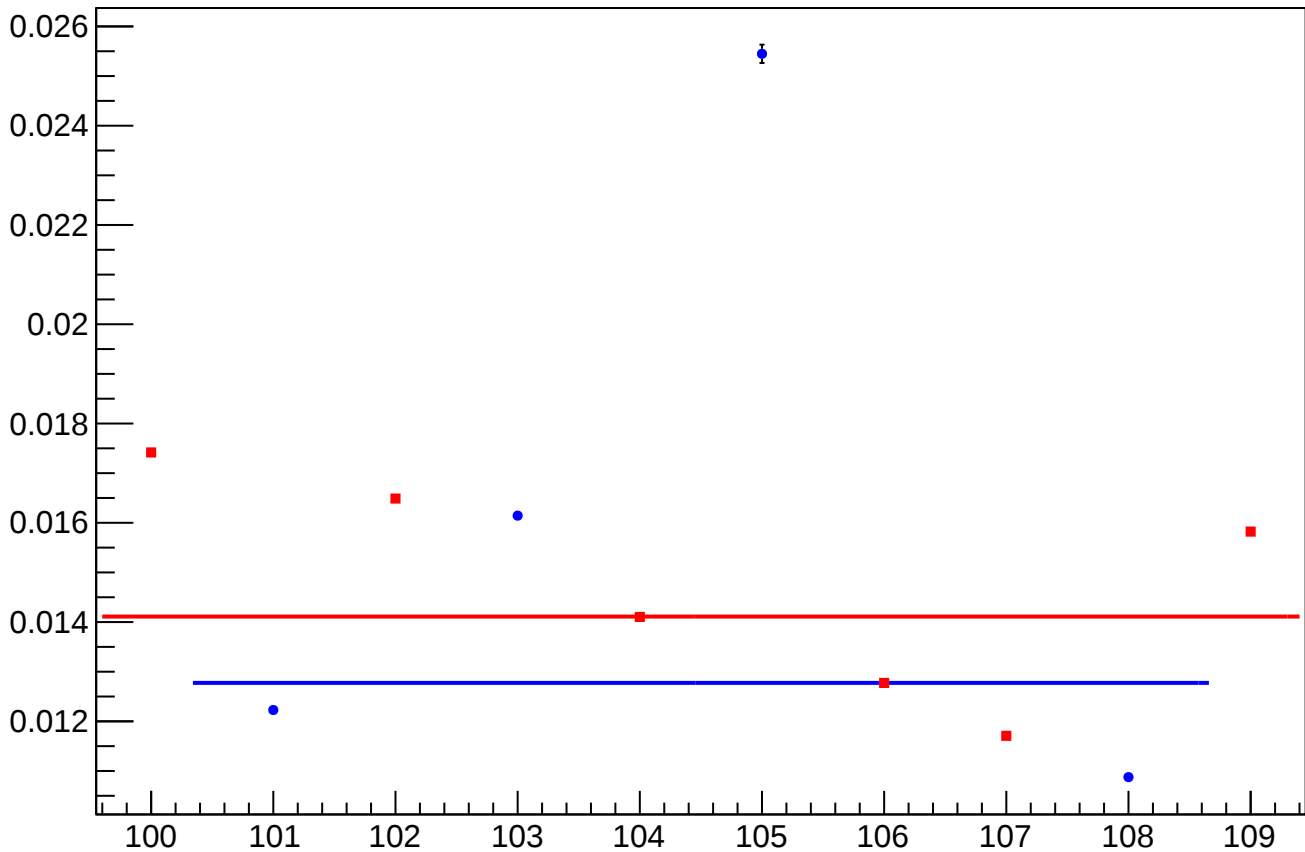
Right Out: 0.950+/-0.000 χ^2/NDF : 3984473.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.950+/-0.000 χ^2/NDF : 1795424.6/3

0.950+/-0.000 χ^2/NDF : 3984473.8/5

yield_bpm4ecY_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 74876.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

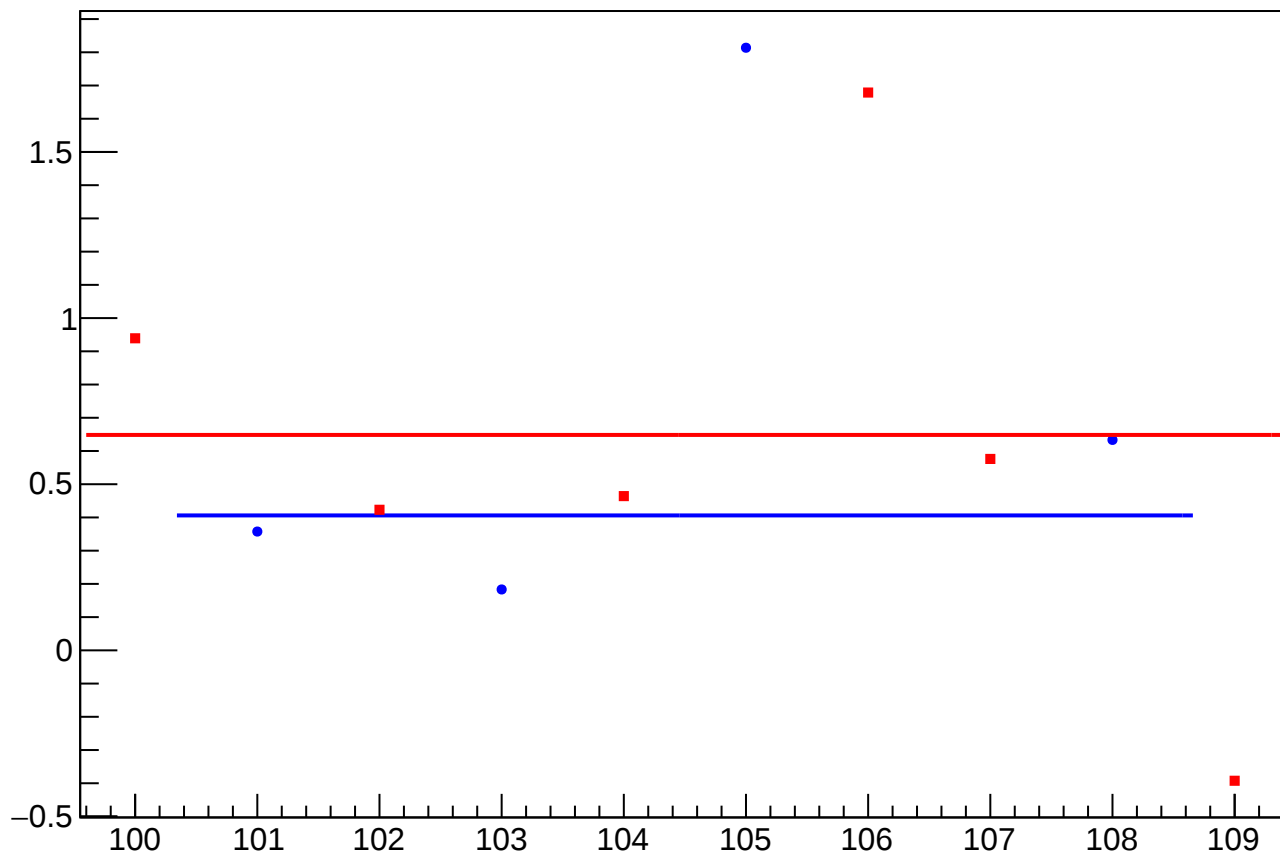
Right Out: 0.014+/-0.000 χ^2/NDF : 66606.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 74876.3/3

0.014+/-0.000 χ^2/NDF : 66606.8/5

yield_bpm1X_mean vs slug



Right In: 0.406+/-0.000 χ^2/NDF : 66777512.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

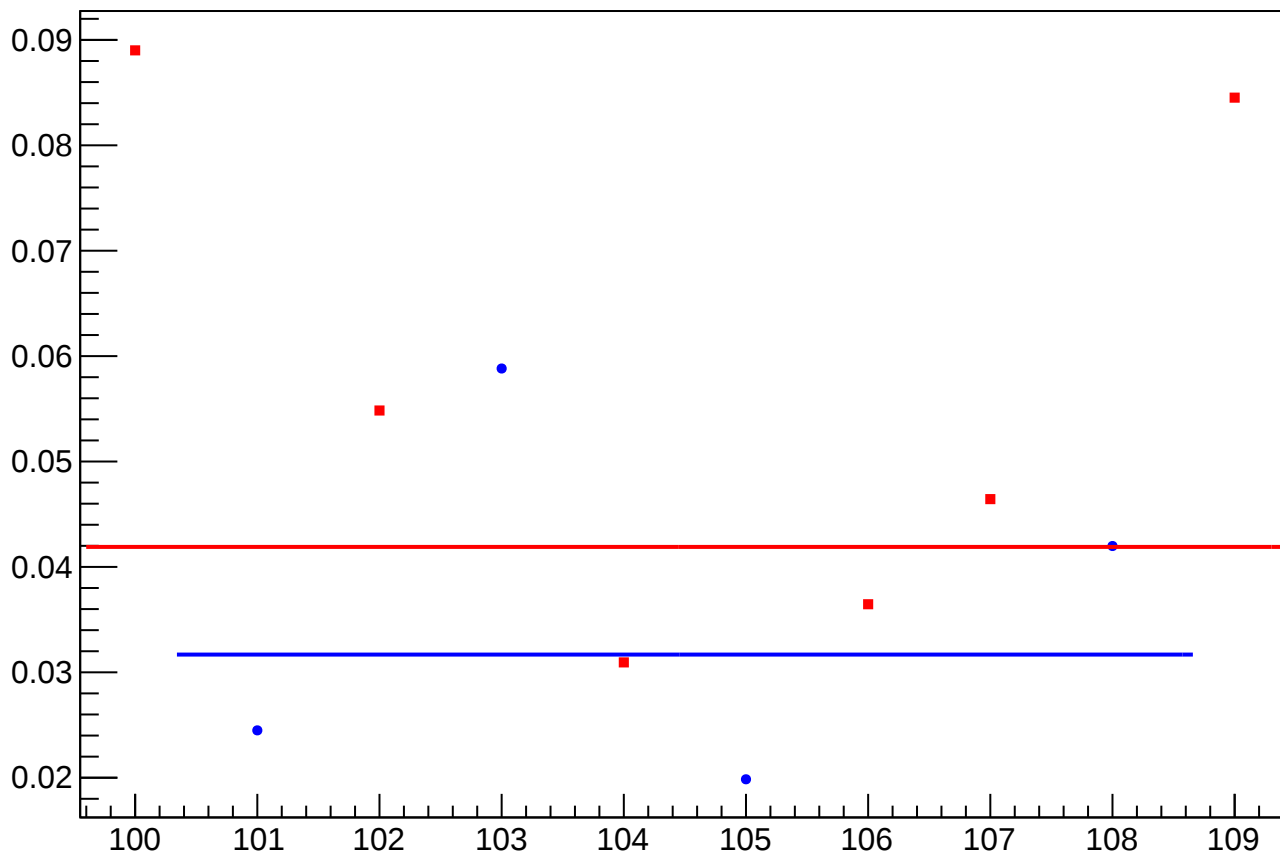
Right Out: 0.648+/-0.000 χ^2/NDF : 258688305.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.406+/-0.000 χ^2/NDF : 66777512.0/3

0.648+/-0.000 χ^2/NDF : 258688305.5/5

yield_bpm1X_rms vs slug



Right In: 0.032 $\pm$ 0.000 χ^2 /NDF: 360048.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

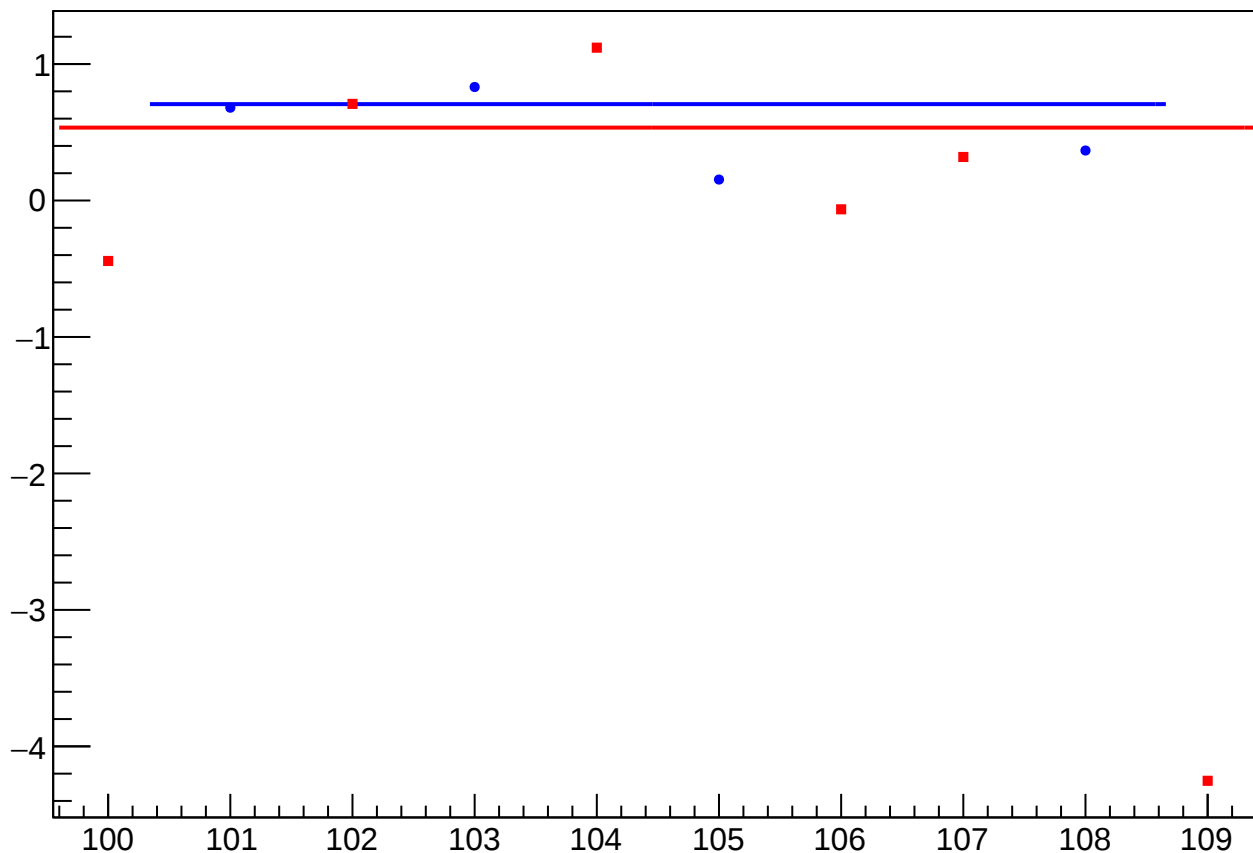
Right Out: 0.042 $\pm$ 0.000 χ^2 /NDF: 396054.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.032 $\pm$ 0.000 χ^2 /NDF: 360048.1/3

0.042 $\pm$ 0.000 χ^2 /NDF: 396054.5/5

yield_bpm1Y_mean vs slug



Right In: 0.706+/-0.000 χ^2/NDF : 59822853.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

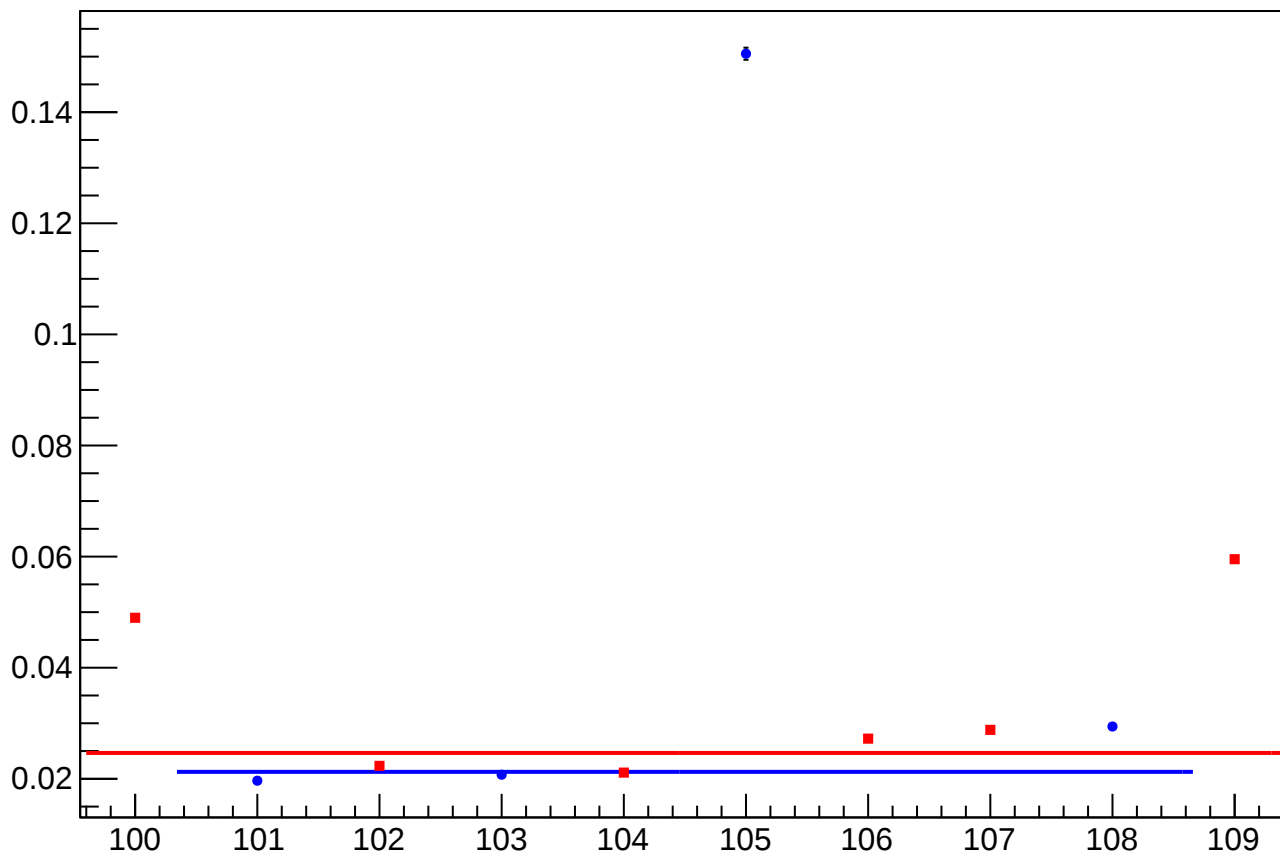
Right Out: 0.534+/-0.000 χ^2/NDF : 2812813040.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.706+/-0.000 χ^2/NDF : 59822853.3/3

0.534+/-0.000 χ^2/NDF : 2812813040.2/5

yield_bpm1Y_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 67389.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

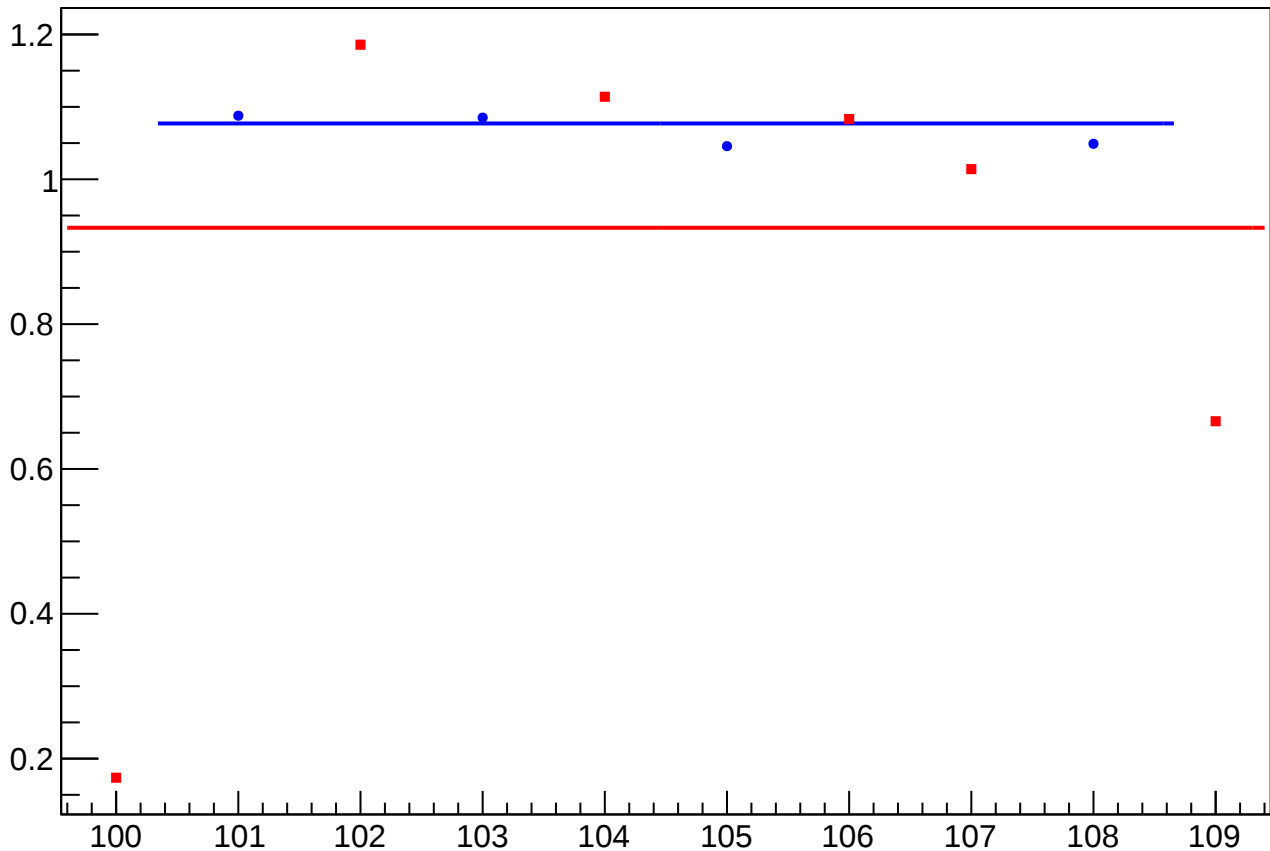
Right Out: 0.025+/-0.000 χ^2/NDF : 316639.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 67389.7/3

0.025+/-0.000 χ^2/NDF : 316639.4/5

yield_bpm11X_mean vs slug



Right In: 1.077+/-0.000 χ^2/NDF : 1073169.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

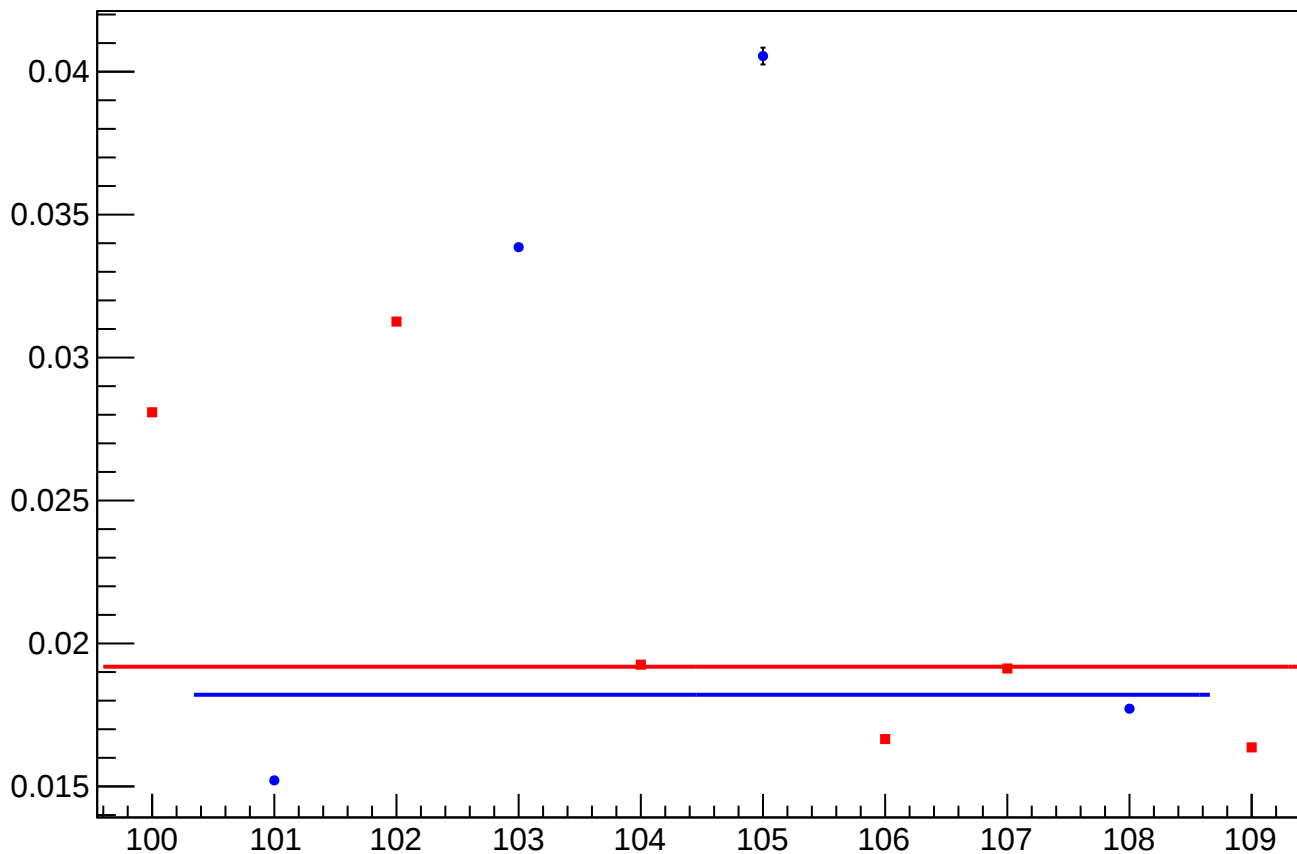
1.077+/-0.000 χ^2/NDF : 1073169.4/3

Right Out: 0.933+/-0.000 χ^2/NDF : 255339016.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.933+/-0.000 χ^2/NDF : 255339016.8/5

yield_bpm11X_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 269741.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

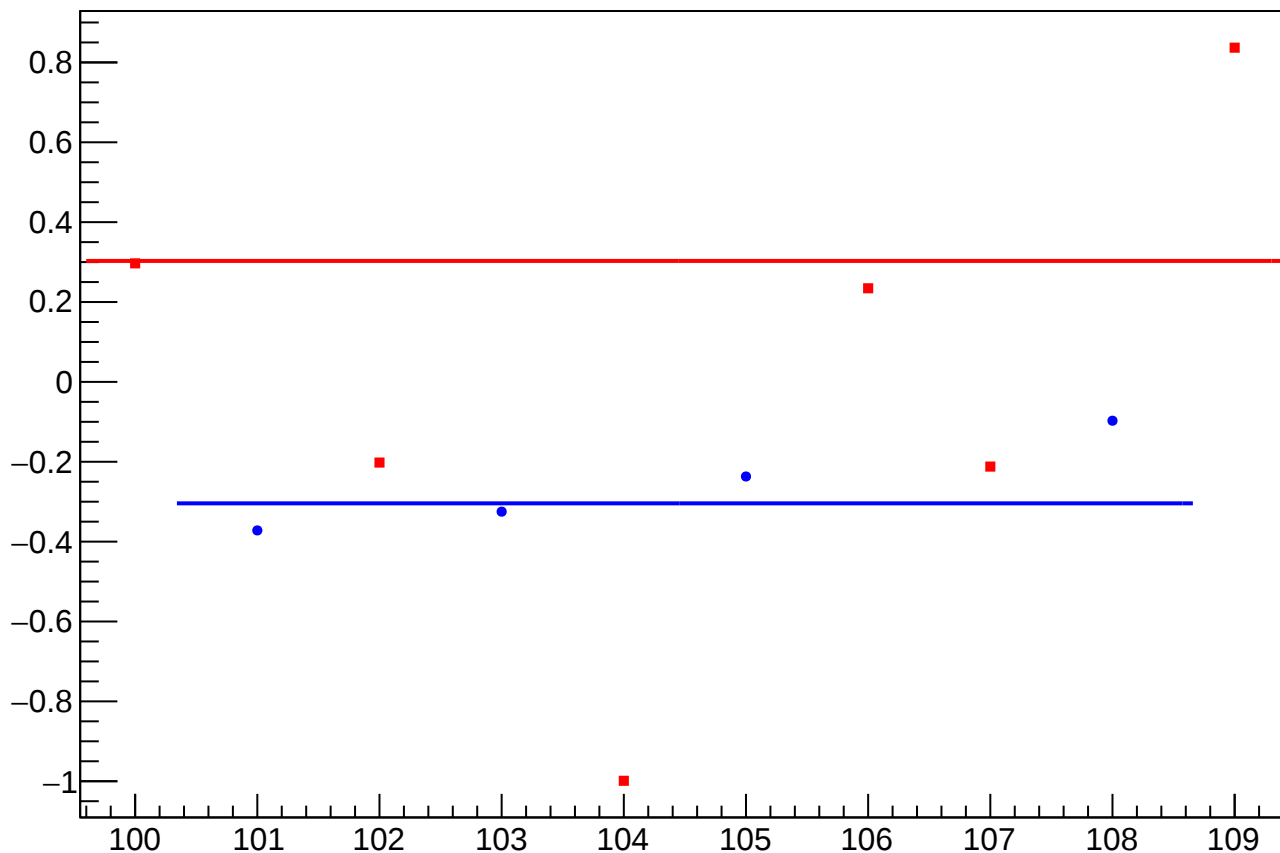
Right Out: 0.019+/-0.000 χ^2/NDF : 193928.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 269741.1/3

0.019+/-0.000 χ^2/NDF : 193928.2/5

yield_bpm11Y_mean vs slug



Right In: -0.304+/-0.000 χ^2/NDF : 34283897.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

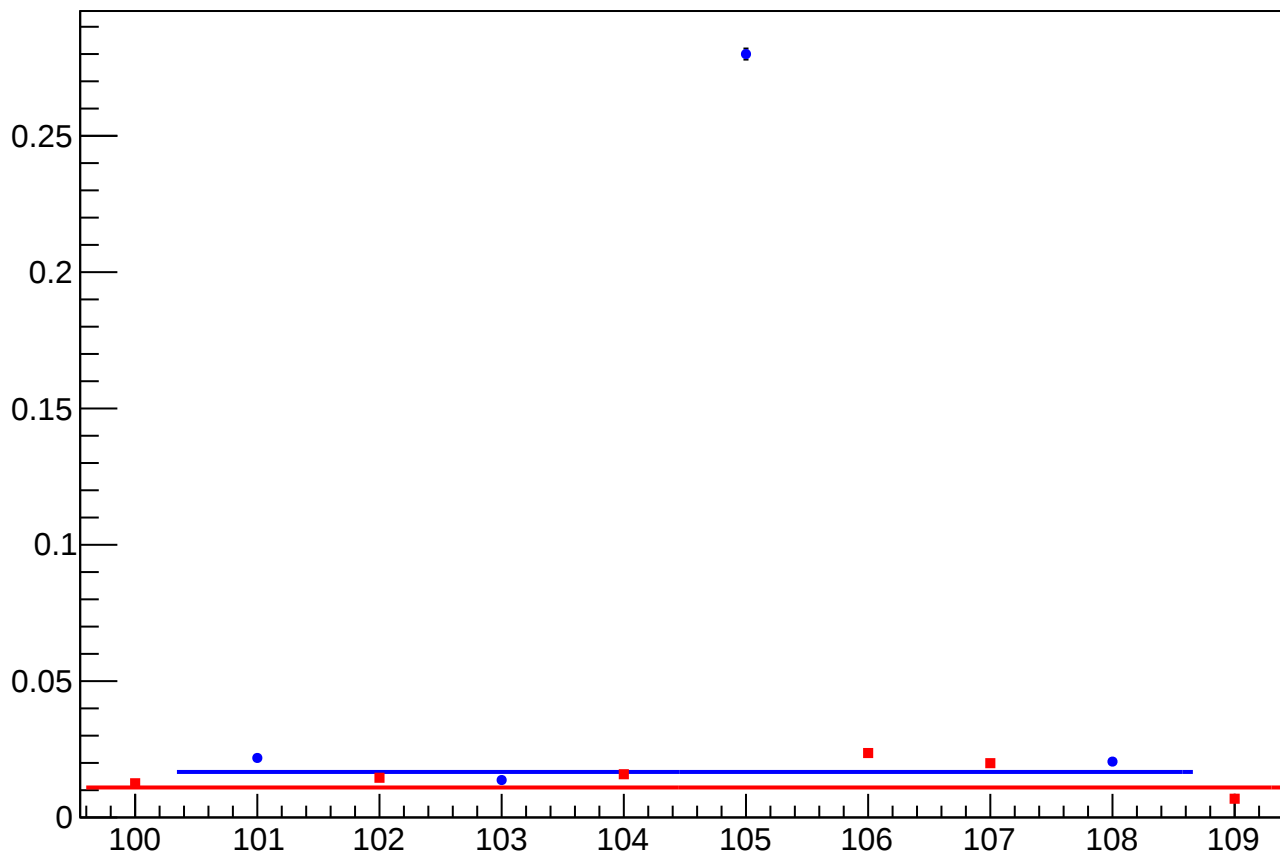
Right Out: 0.303+/-0.000 χ^2/NDF : 5470260528.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.304+/-0.000 χ^2/NDF : 34283897.1/3

0.303+/-0.000 χ^2/NDF : 5470260528.8/5

yield_bpm11Y_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 144448.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

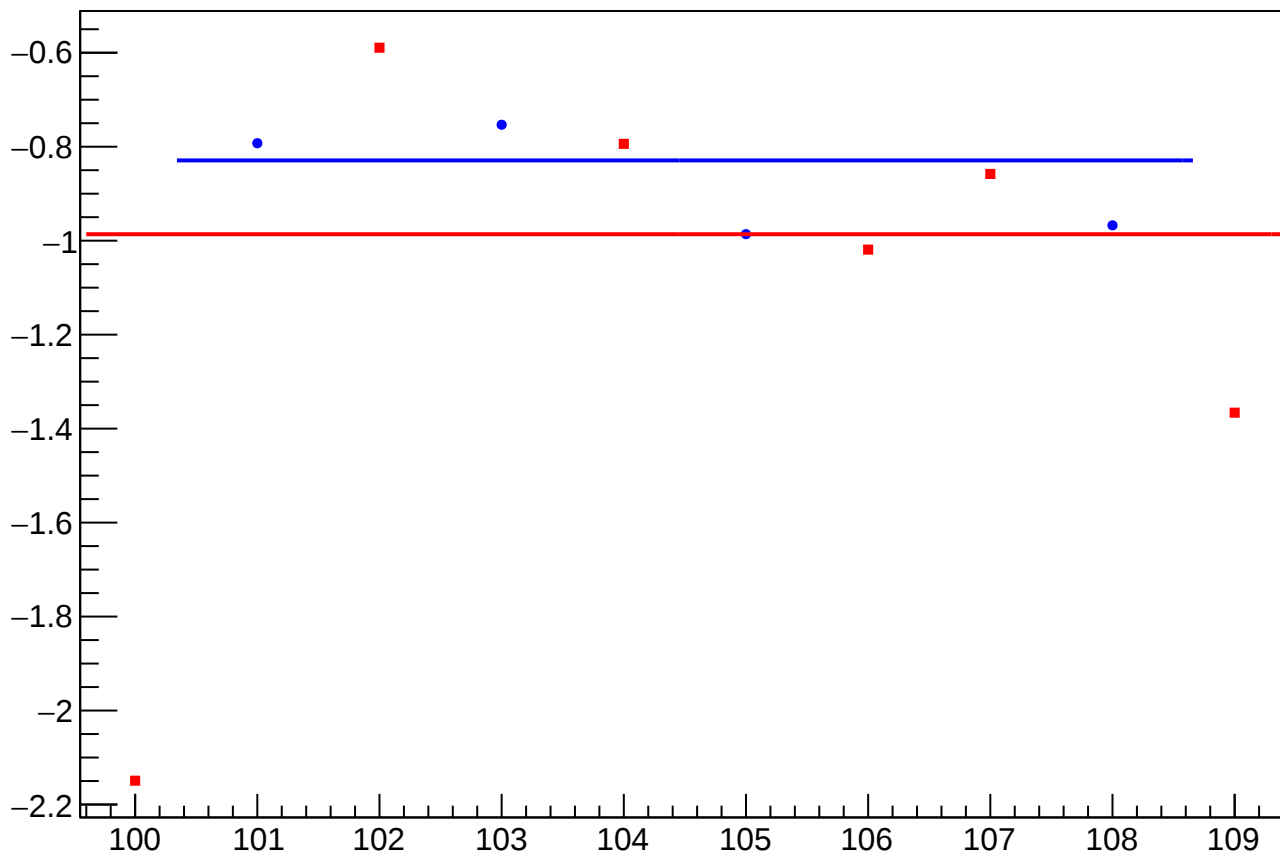
Right Out: 0.011+/-0.000 χ^2/NDF : 615503.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 144448.3/3

0.011+/-0.000 χ^2/NDF : 615503.3/5

yield_bpm12X_mean vs slug



Right In: -0.829+/-0.000 χ^2 /NDF: 5650435.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

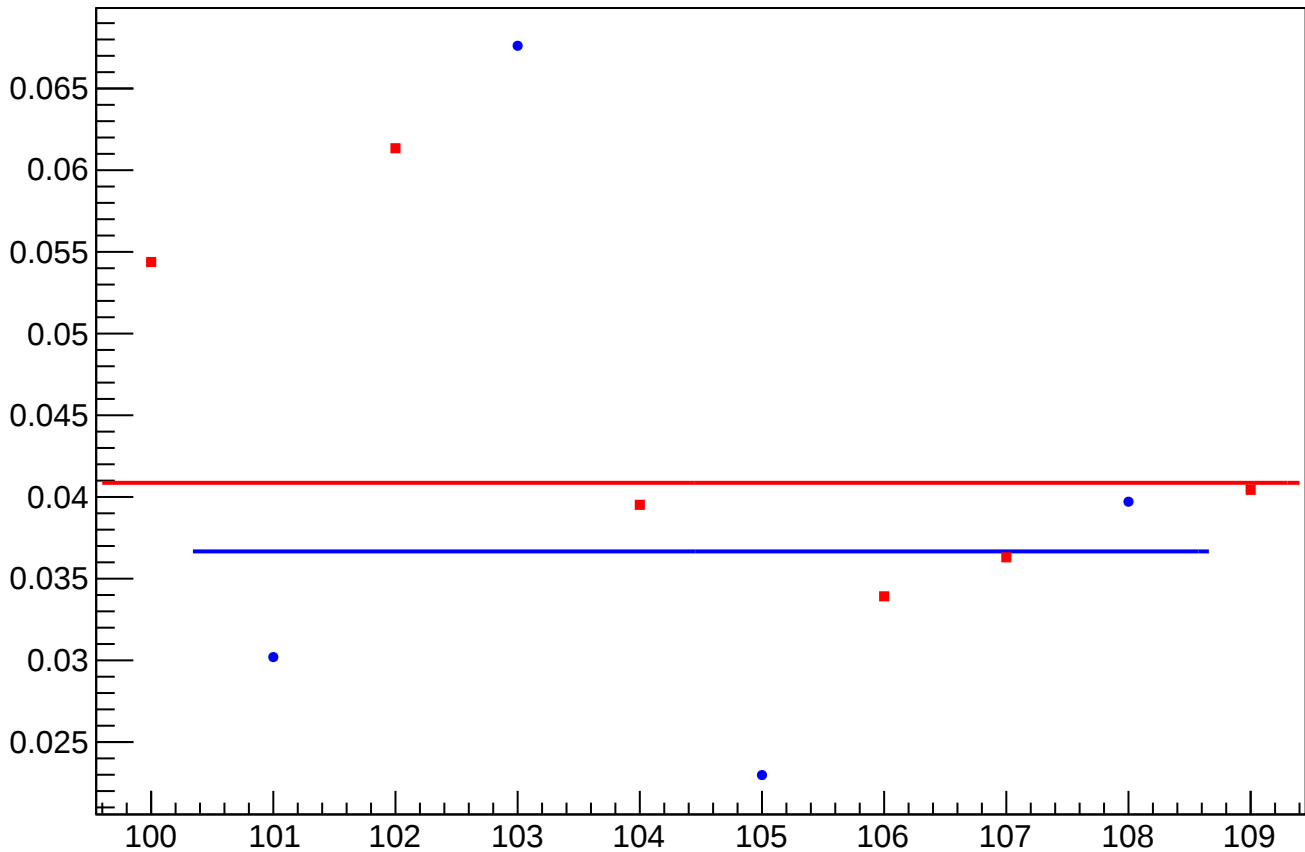
Right Out: -0.986+/-0.000 χ^2 /NDF: 99148427.5/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.829+/-0.000 χ^2 /NDF: 5650435.2/3

-0.986+/-0.000 χ^2 /NDF: 99148427.5/5

yield_bpm12X_rms vs slug



Right In: 0.037 $\pm$ 0.000 χ^2 /NDF: 274139.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

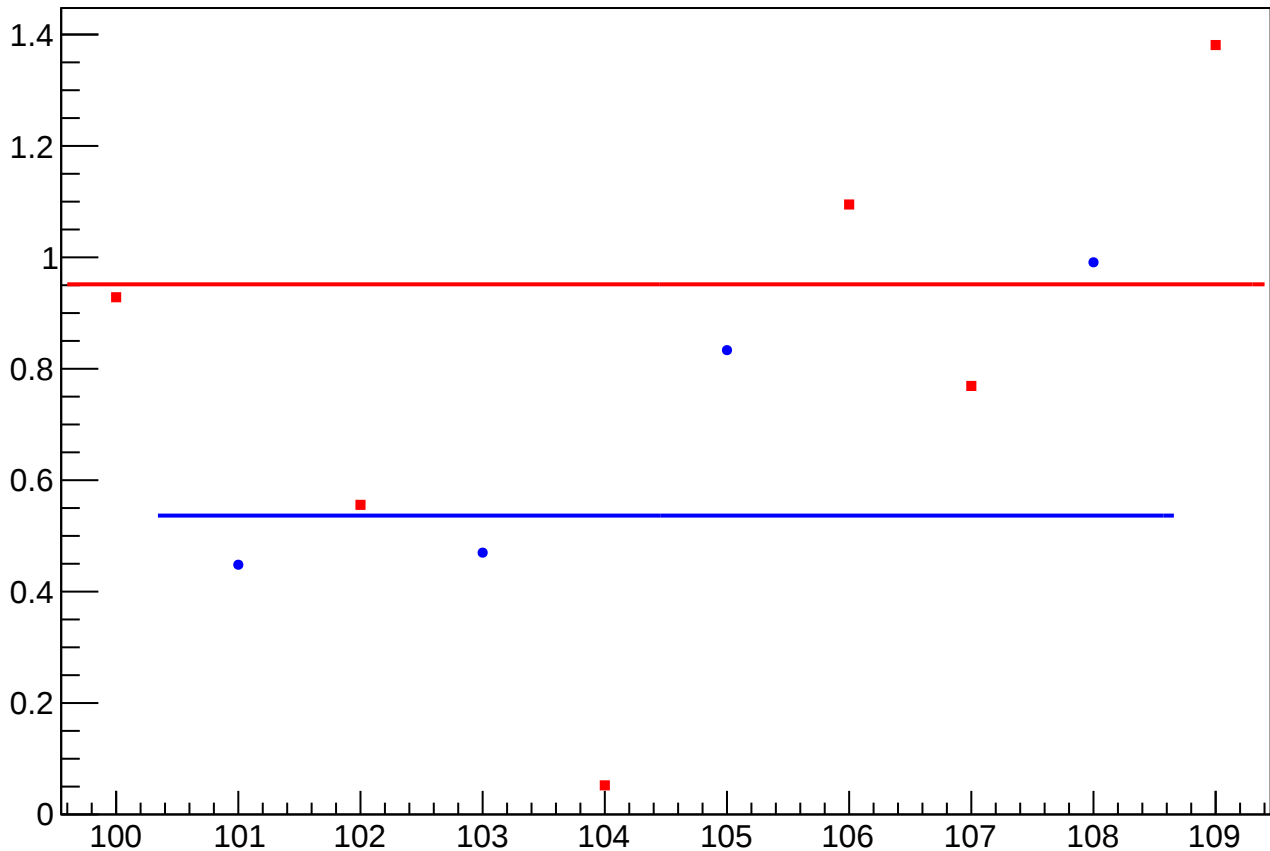
Right Out: 0.041 $\pm$ 0.000 χ^2 /NDF: 144265.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.037 $\pm$ 0.000 χ^2 /NDF: 274139.5/3

0.041 $\pm$ 0.000 χ^2 /NDF: 144265.1/5

yield_bpm12Y_mean vs slug



Right In: 0.536+/-0.000 χ^2/NDF : 288970203.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

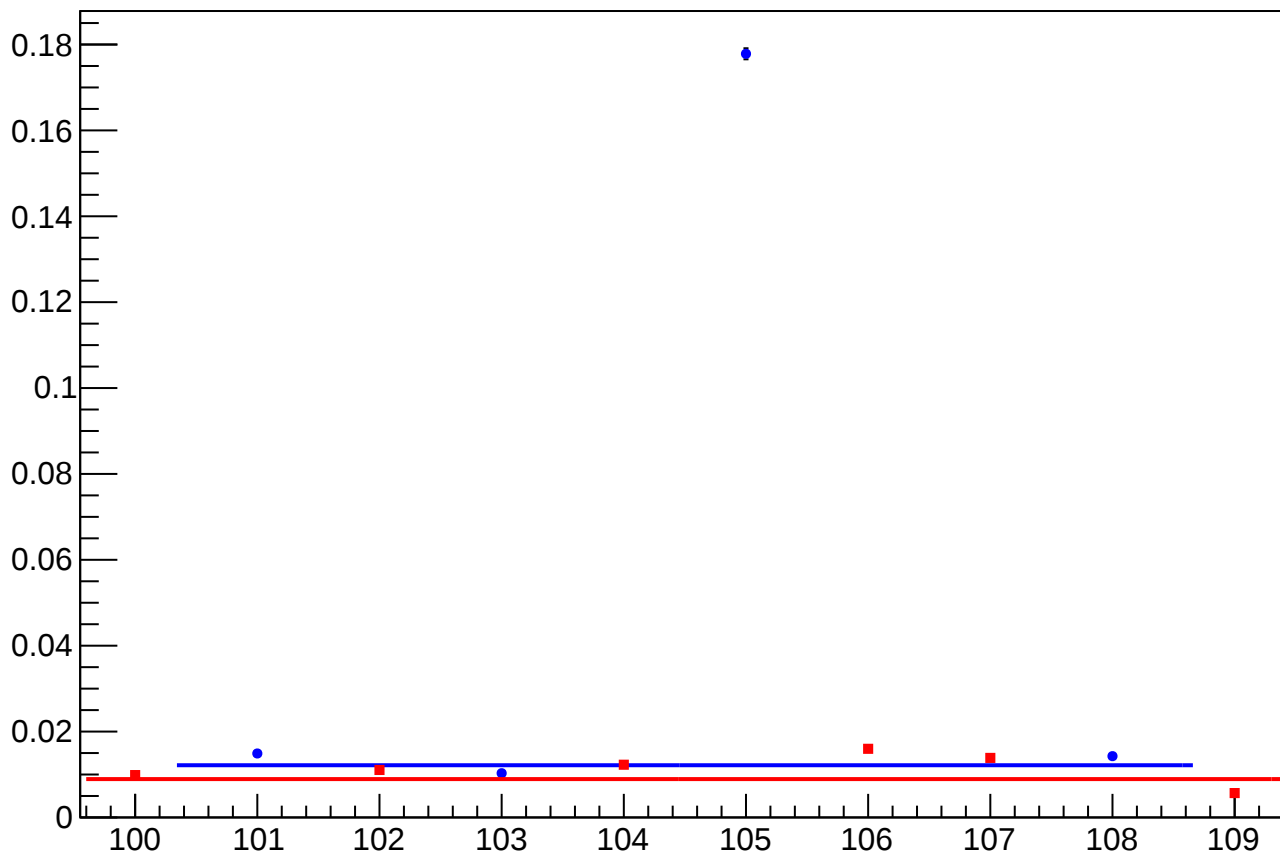
0.536+/-0.000 χ^2/NDF : 288970203.7/3

Right Out: 0.952+/-0.000 χ^2/NDF : 4824095383.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.952+/-0.000 χ^2/NDF : 4824095383.7/5

yield_bpm12Y_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 98030.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

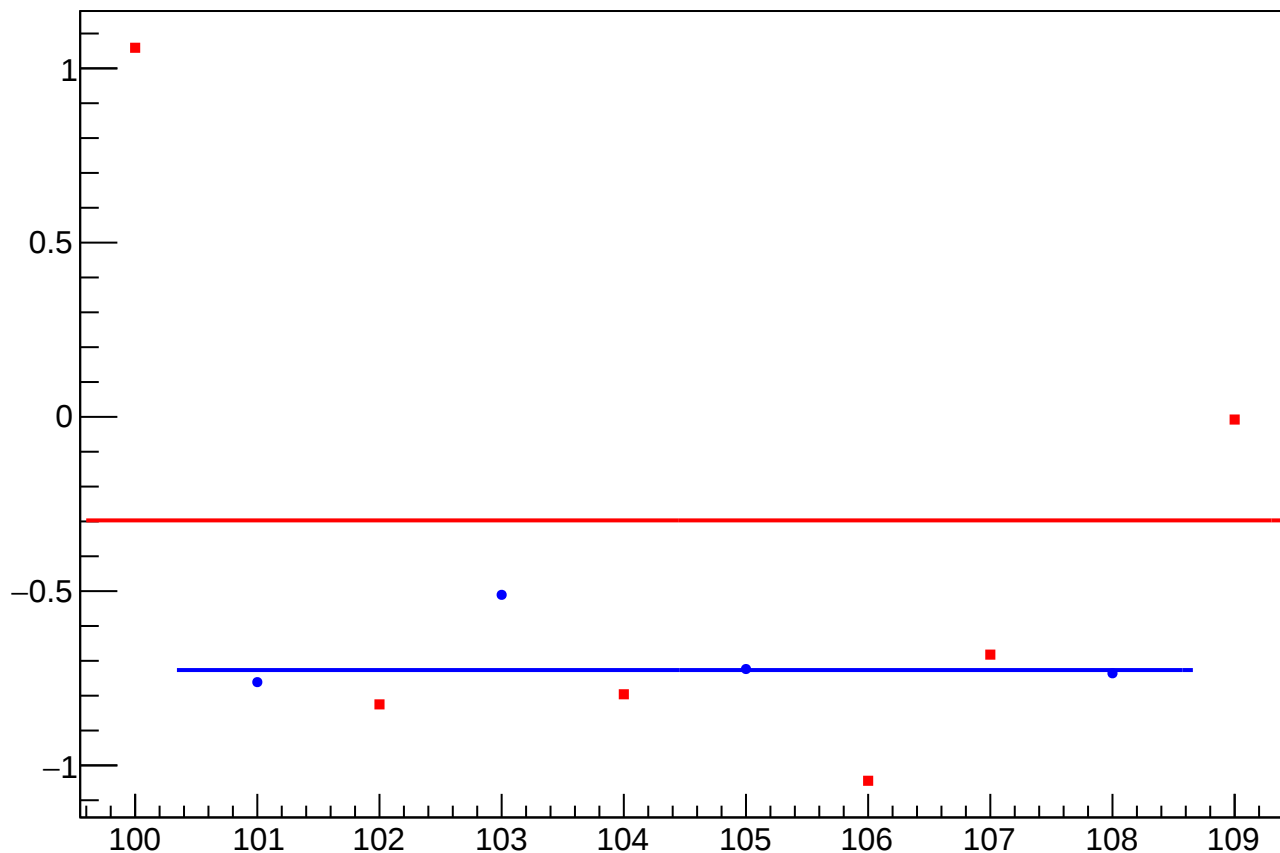
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 473572.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 98030.5/3

0.009 $\pm$ 0.000 χ^2 /NDF: 473572.1/5

yield_bpm16X_mean vs slug



Right In: -0.726+/-0.000 χ^2/NDF : 5943211.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

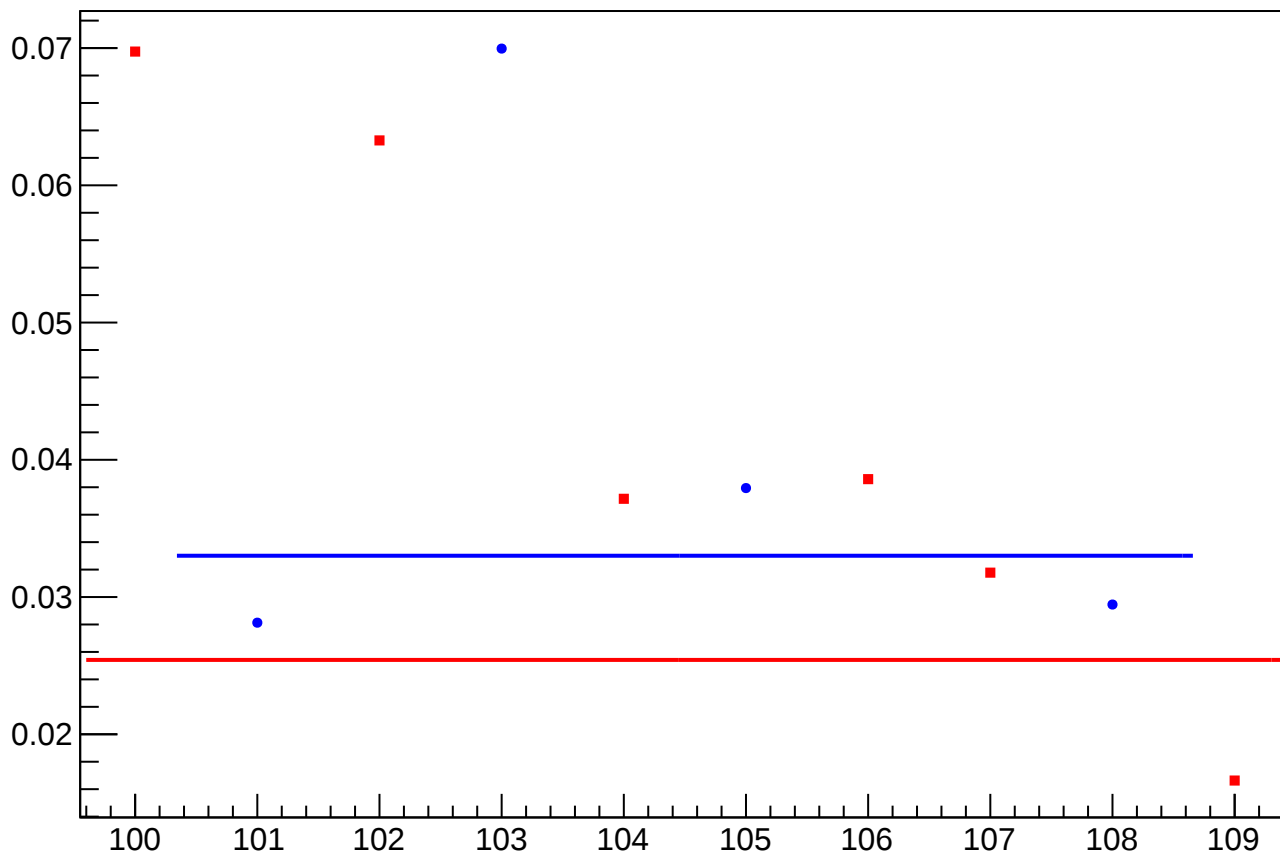
Right Out: -0.297+/-0.000 χ^2/NDF : 367040850.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.726+/-0.000 χ^2/NDF : 5943211.1/3

-0.297+/-0.000 χ^2/NDF : 367040850.6/5

yield_bpm16X_rms vs slug



Right In: 0.033+/-0.000 χ^2/NDF : 341879.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

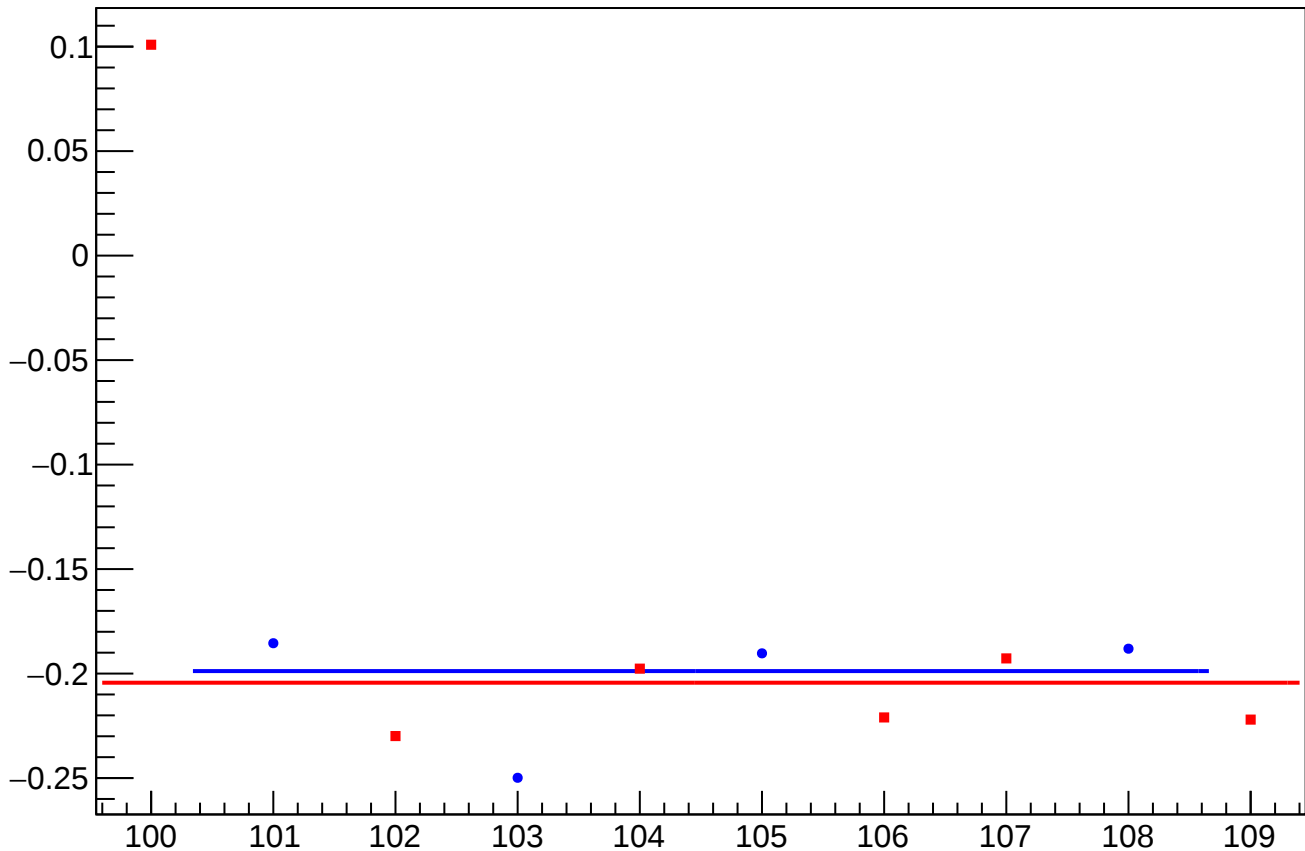
Right Out: 0.025+/-0.000 χ^2/NDF : 758383.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 341879.9/3

0.025+/-0.000 χ^2/NDF : 758383.7/5

yield_bpm16Y_mean vs slug



Right In: -0.199+/-0.000 χ^2/NDF : 33085747.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

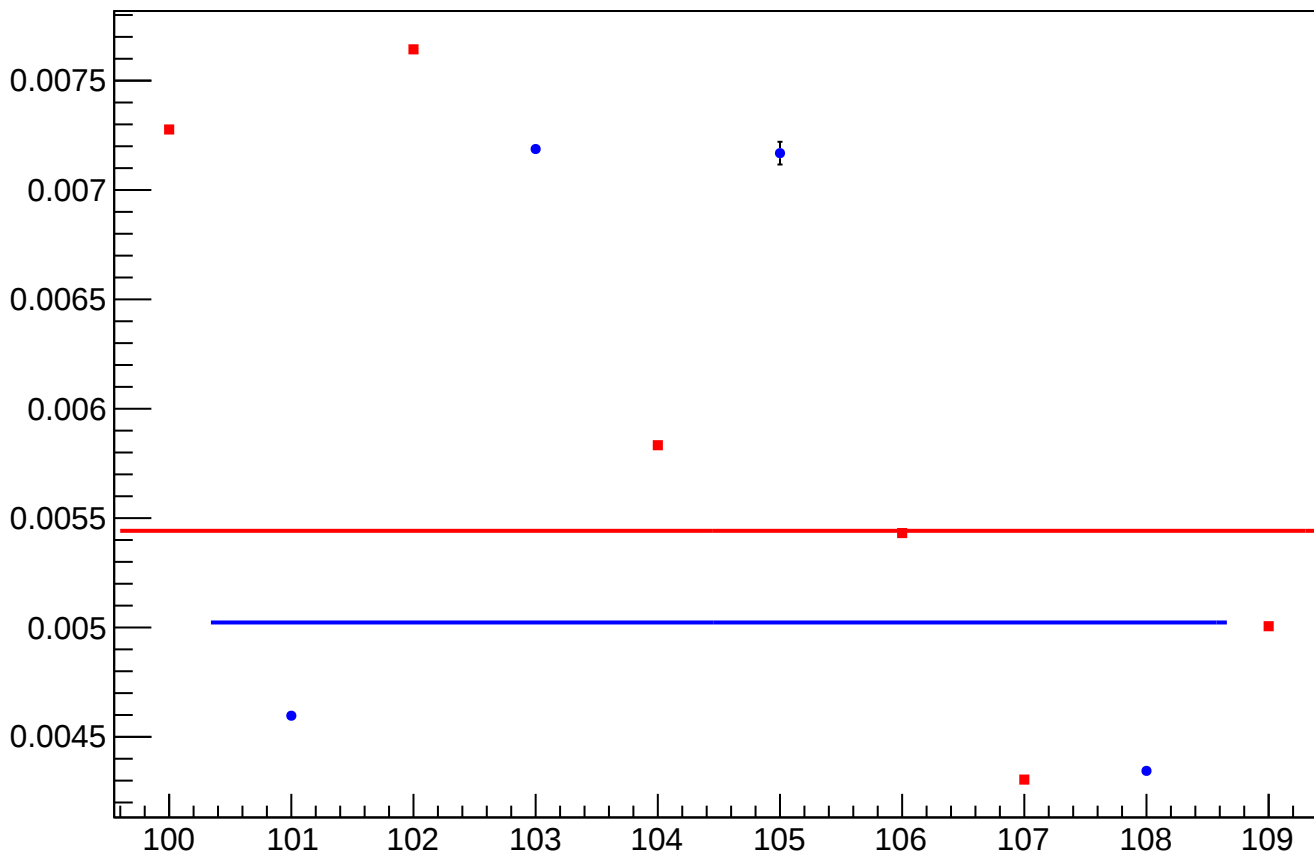
-0.199+/-0.000 χ^2/NDF : 33085747.5/3

Right Out: -0.204+/-0.000 χ^2/NDF : 135640675.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.204+/-0.000 χ^2/NDF : 135640675.8/5

yield_bpm16Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 122622.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

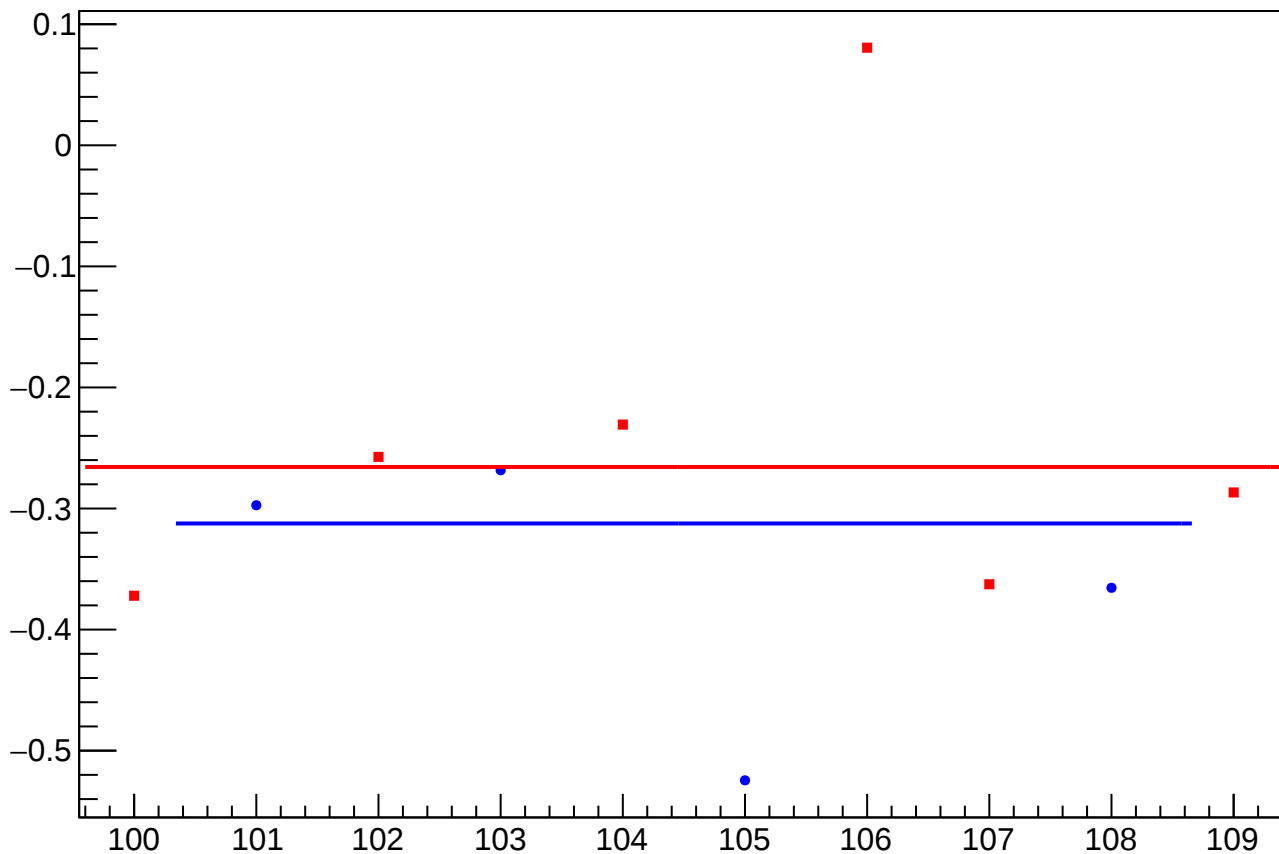
Right Out: 0.005+/-0.000 χ^2/NDF : 144992.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 122622.3/3

0.005+/-0.000 χ^2/NDF : 144992.0/5

yield_bpm0i02X_mean vs slug



Right In: -0.312+/-0.000 χ^2/NDF : 49109848.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

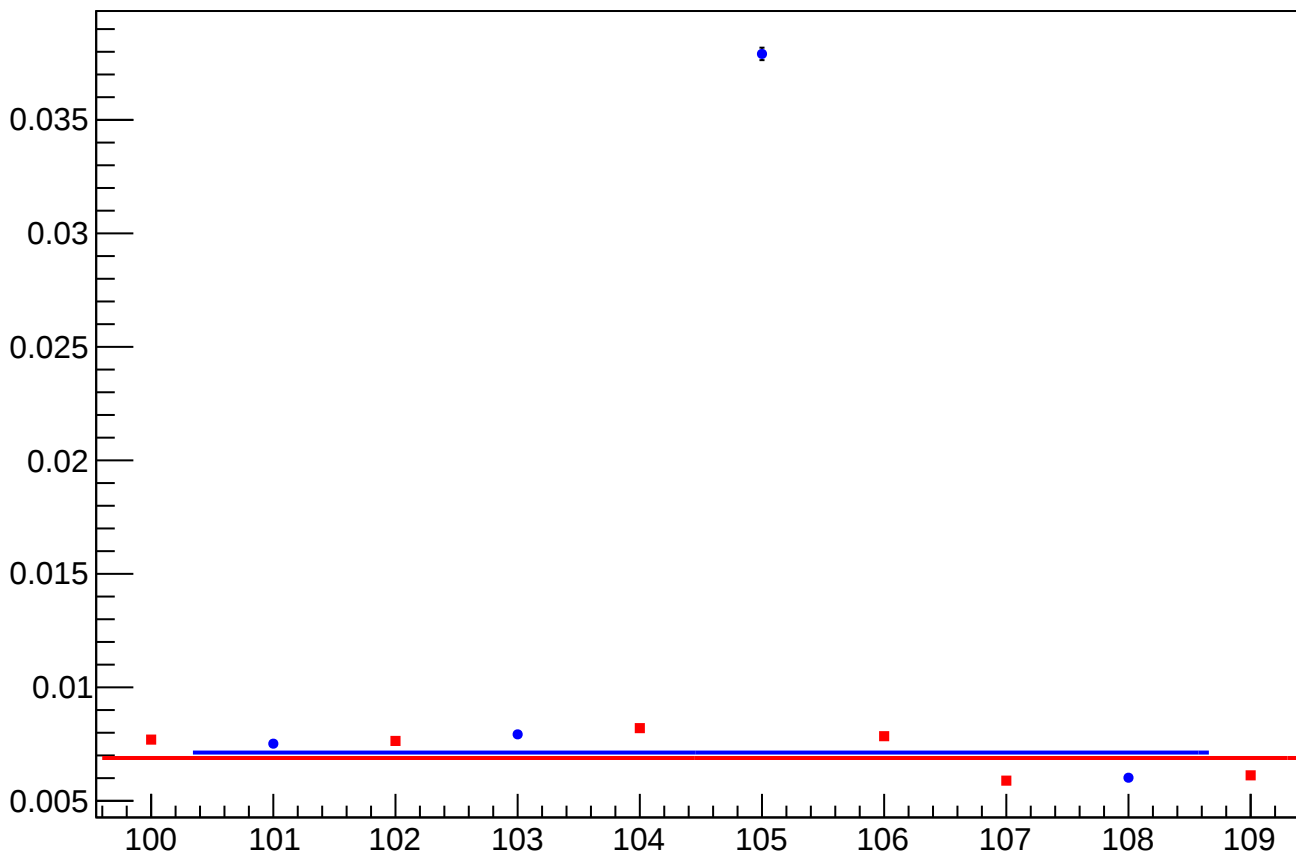
-0.312+/-0.000 χ^2/NDF : 49109848.3/3

Right Out: -0.266+/-0.000 χ^2/NDF : 492263034.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.266+/-0.000 χ^2/NDF : 492263034.7/5

yield_bpm0i02X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 52640.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

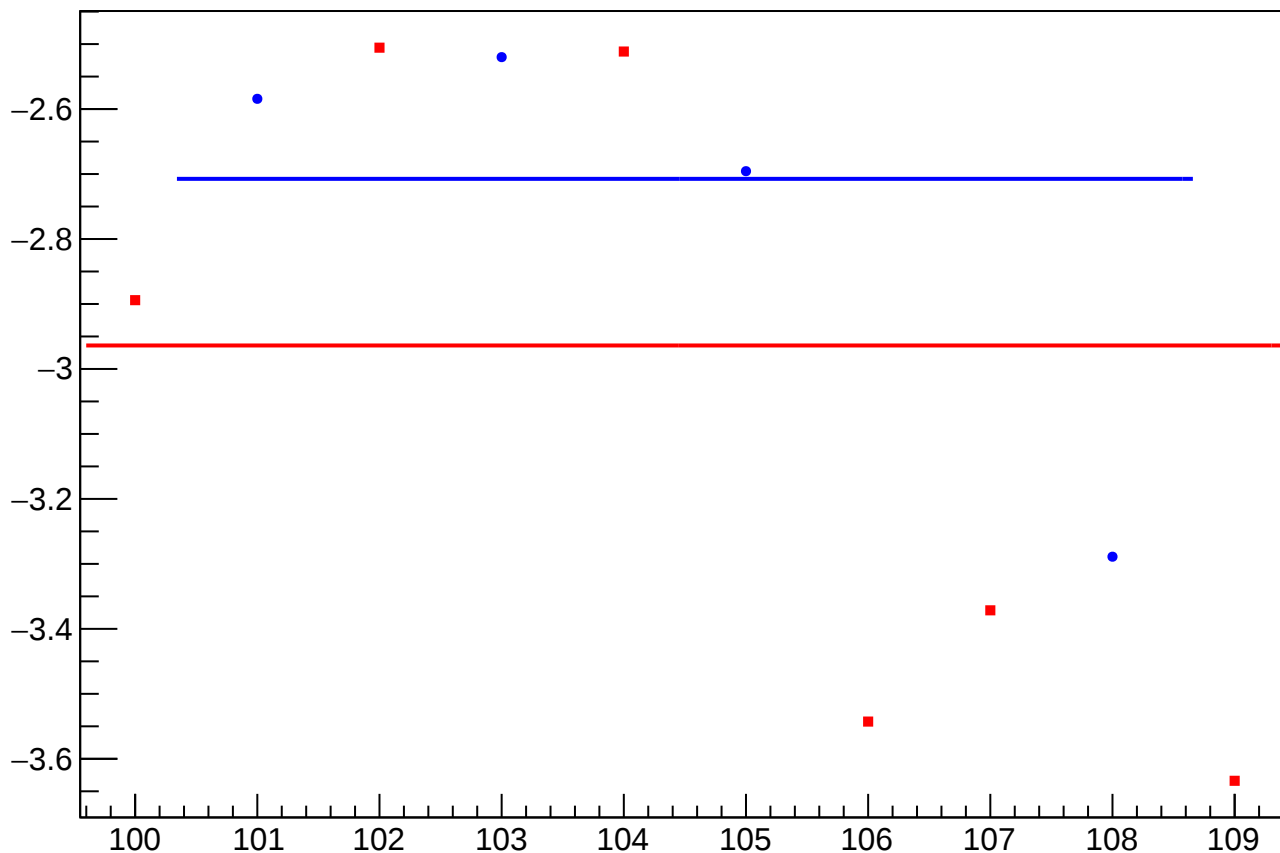
Right Out: 0.007+/-0.000 χ^2/NDF : 78330.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 52640.6/3

0.007+/-0.000 χ^2/NDF : 78330.8/5

yield_bpm0i02Y_mean vs slug



Right In: -2.707+/-0.000 χ^2/NDF : 2521645216.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

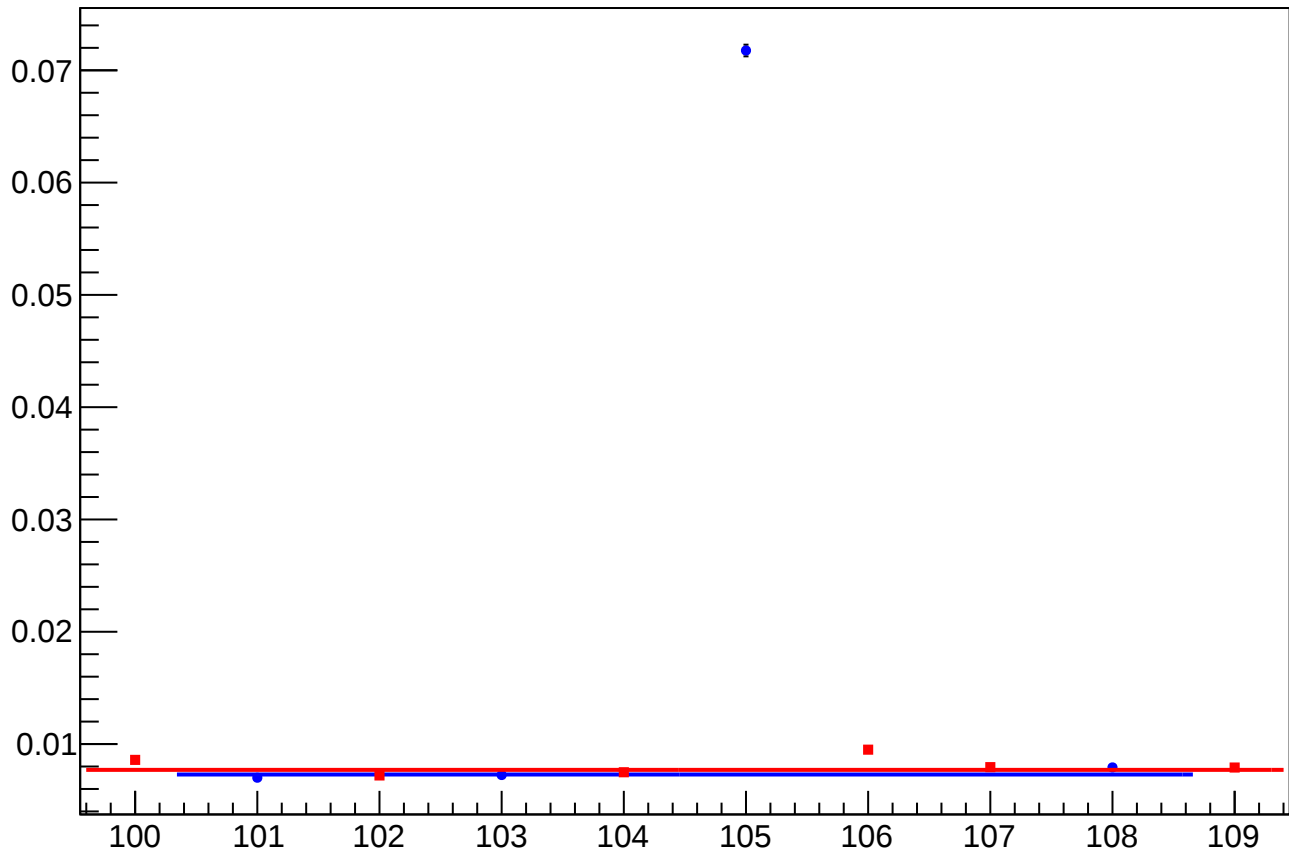
Right Out: -2.964+/-0.000 χ^2/NDF : 8949281081.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.707+/-0.000 χ^2/NDF : 2521645216.8/3

-2.964+/-0.000 χ^2/NDF : 8949281081.4/5

yield_bpm0i02Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 21994.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

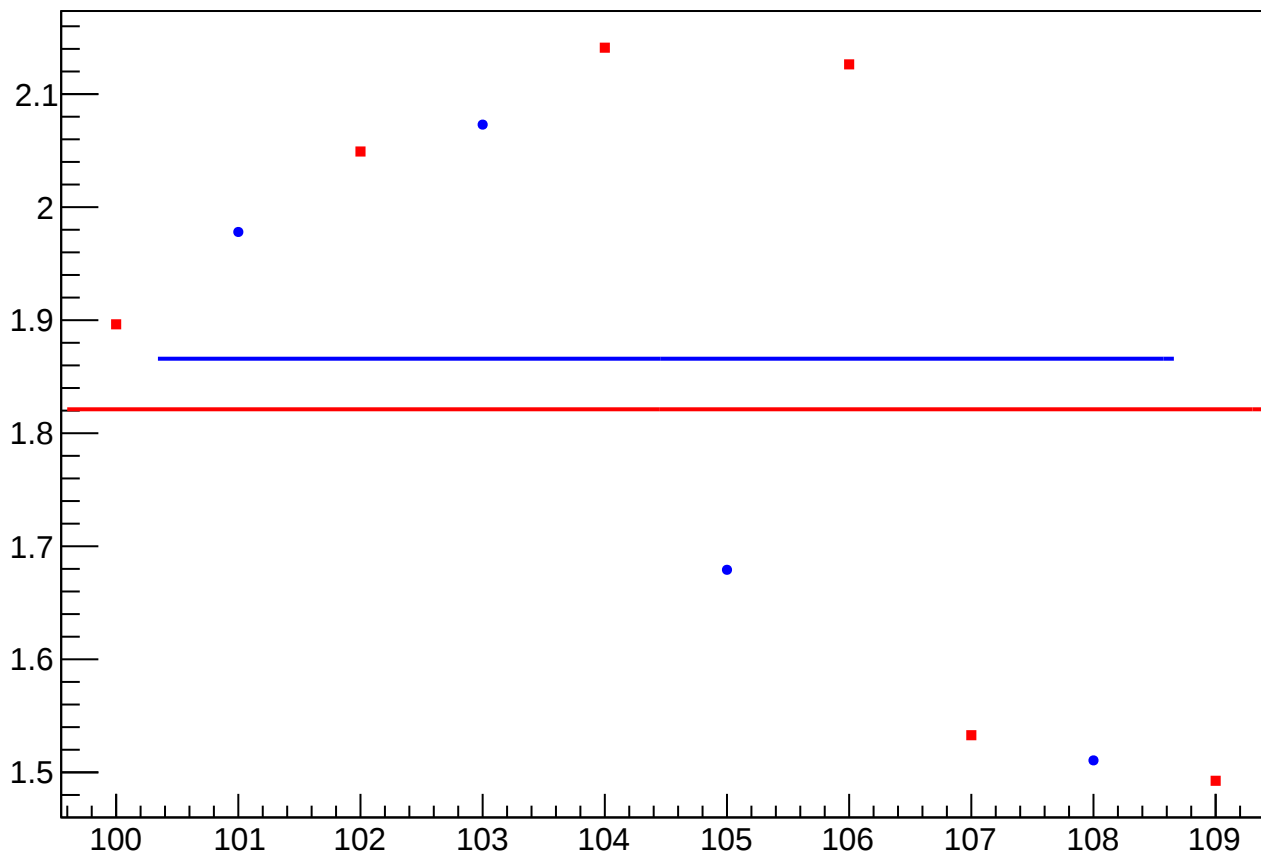
Right Out: 0.008+/-0.000 χ^2/NDF : 19447.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 21994.1/3

0.008+/-0.000 χ^2/NDF : 19447.4/5

yield_bpm0i02aX_mean vs slug



Right In: 1.866+/-0.000 χ^2/NDF : 539005247.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

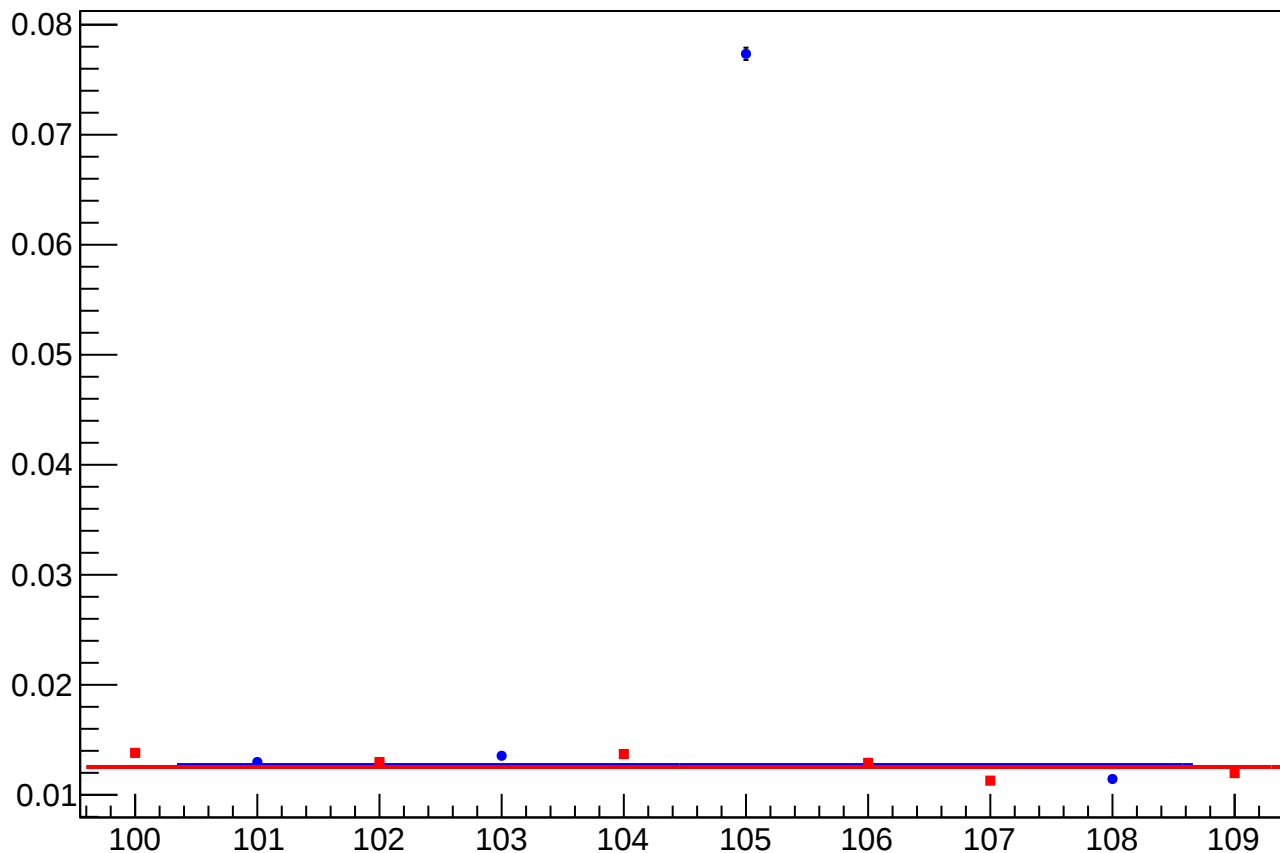
Right Out: 1.821+/-0.000 χ^2/NDF : 1130908357.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.866+/-0.000 χ^2/NDF : 539005247.2/3

1.821+/-0.000 χ^2/NDF : 1130908357.0/5

yield_bpm0i02aX_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 27474.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

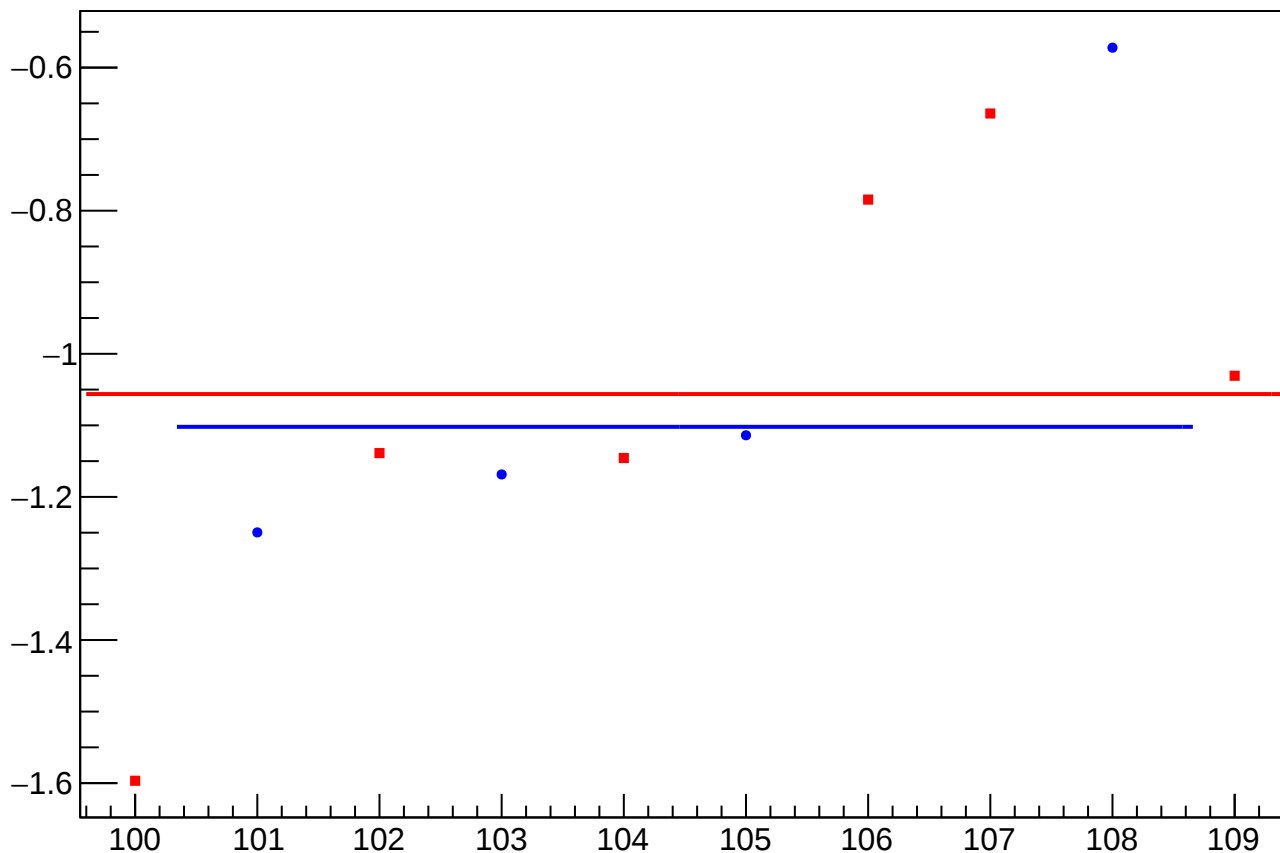
Right Out: 0.013+/-0.000 χ^2/NDF : 20659.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 27474.1/3

0.013+/-0.000 χ^2/NDF : 20659.4/5

yield_bpm0i02aY_mean vs slug



Right In: -1.102+/-0.000 χ^2/NDF : 1407450508.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

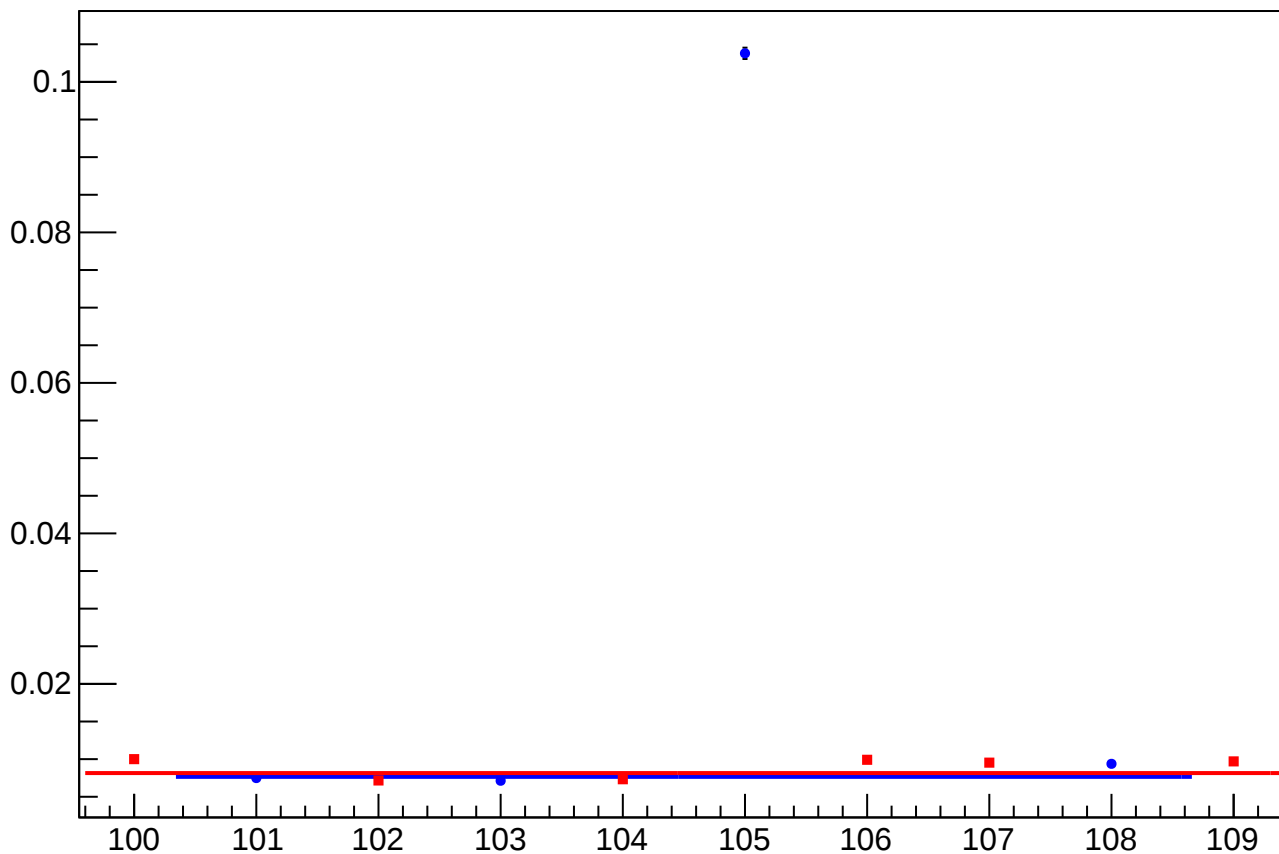
Right Out: -1.056+/-0.000 χ^2/NDF : 1006771175.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.102+/-0.000 χ^2/NDF : 1407450508.5/3

-1.056+/-0.000 χ^2/NDF : 1006771175.2/5

yield_bpm0i02aY_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 47052.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

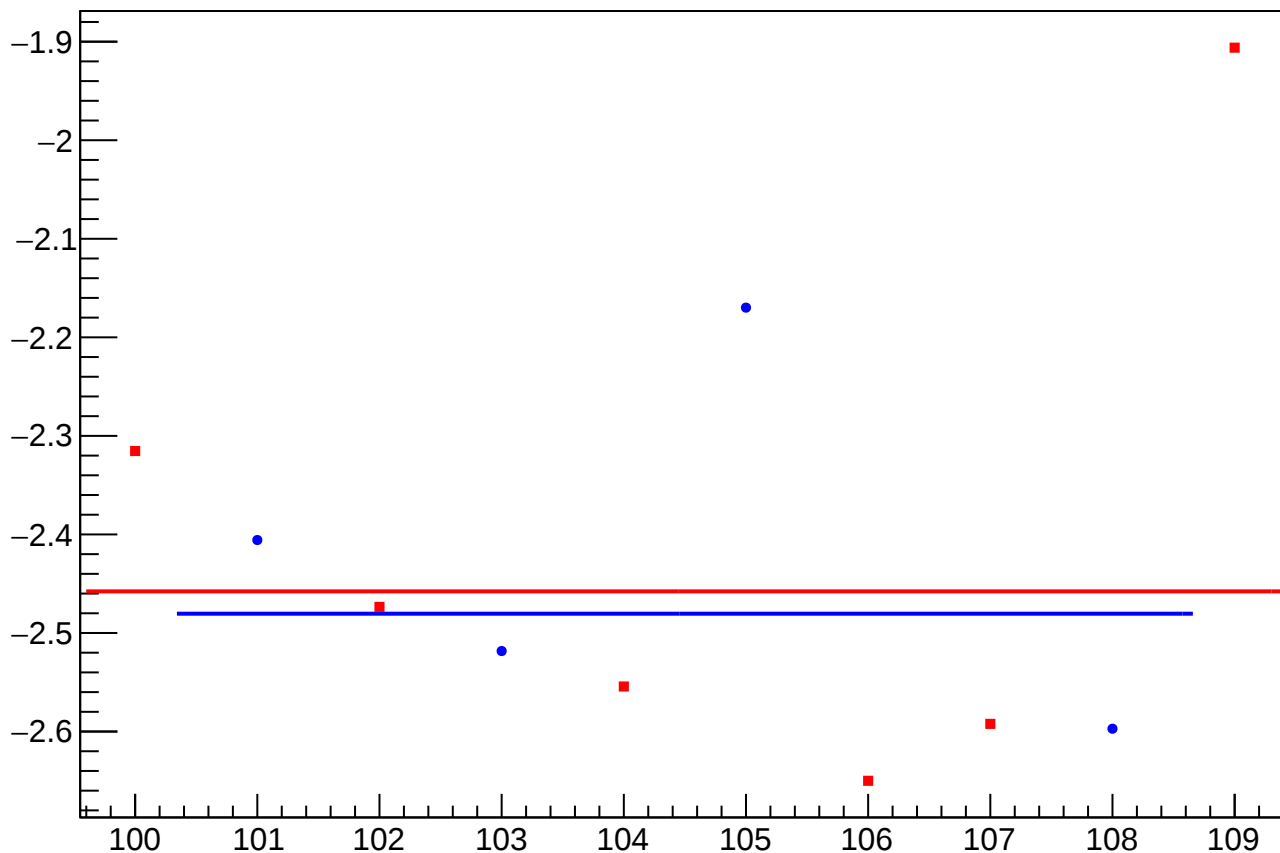
Right Out: 0.008+/-0.000 χ^2/NDF : 83928.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 47052.1/3

0.008+/-0.000 χ^2/NDF : 83928.1/5

yield_bpm0i05X_mean vs slug



Right In: -2.480+/-0.000 χ^2/NDF : 245154622.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

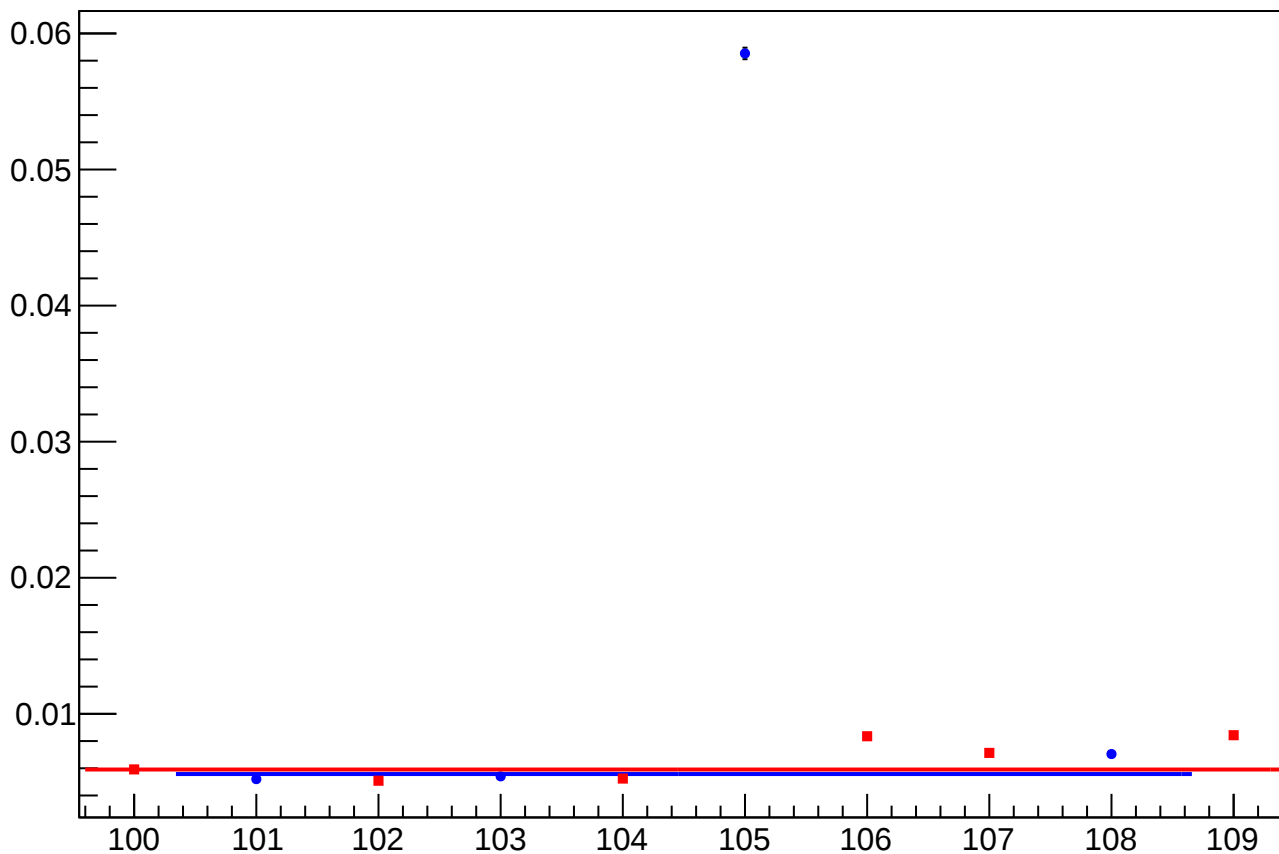
Right Out: -2.458+/-0.000 χ^2/NDF : 2098234499.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.480+/-0.000 χ^2/NDF : 245154622.8/3

-2.458+/-0.000 χ^2/NDF : 2098234499.1/5

yield_bpm0i05X_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 54413.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

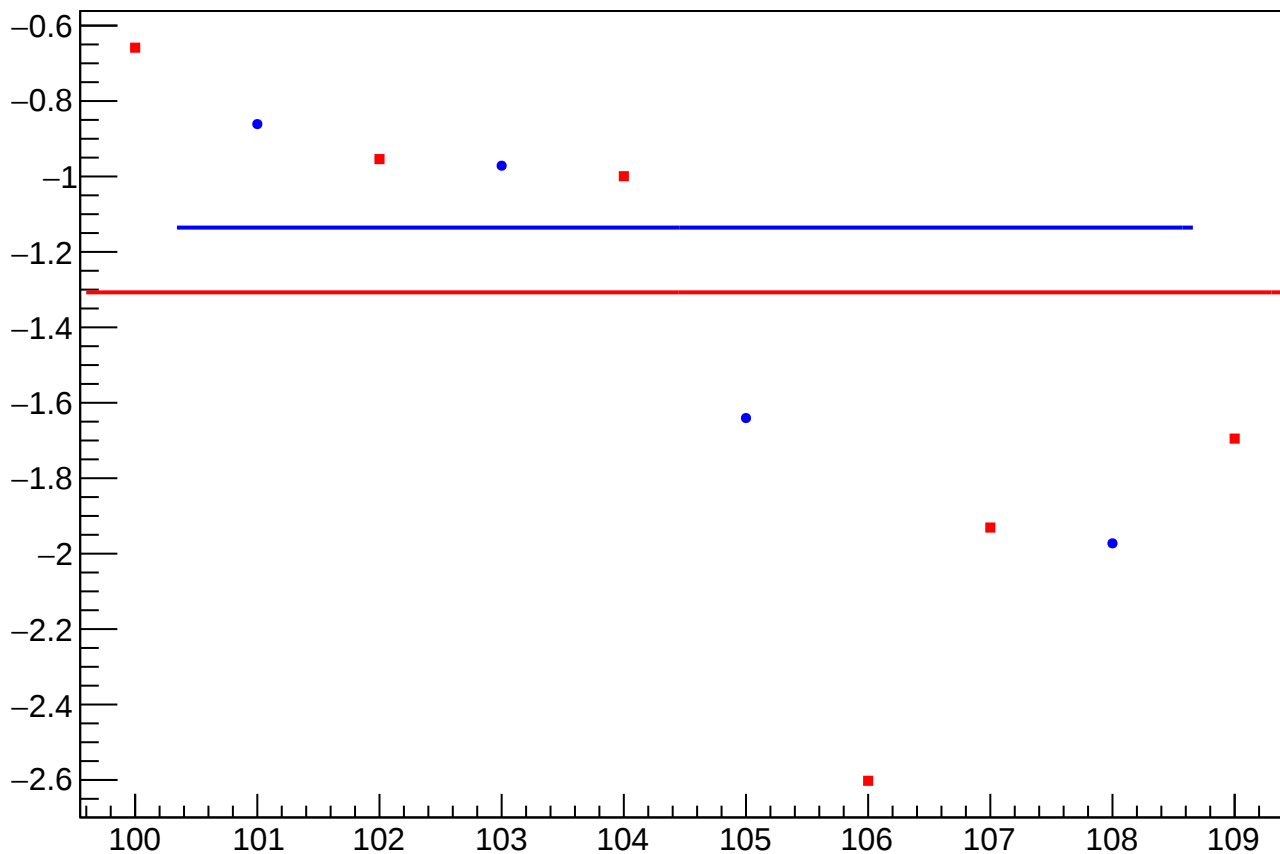
Right Out: 0.006+/-0.000 χ^2/NDF : 162232.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 54413.8/3

0.006+/-0.000 χ^2/NDF : 162232.4/5

yield_bpm0i05Y_mean vs slug



Right In: -1.136+/-0.000 χ^2/NDF : 8923146910.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

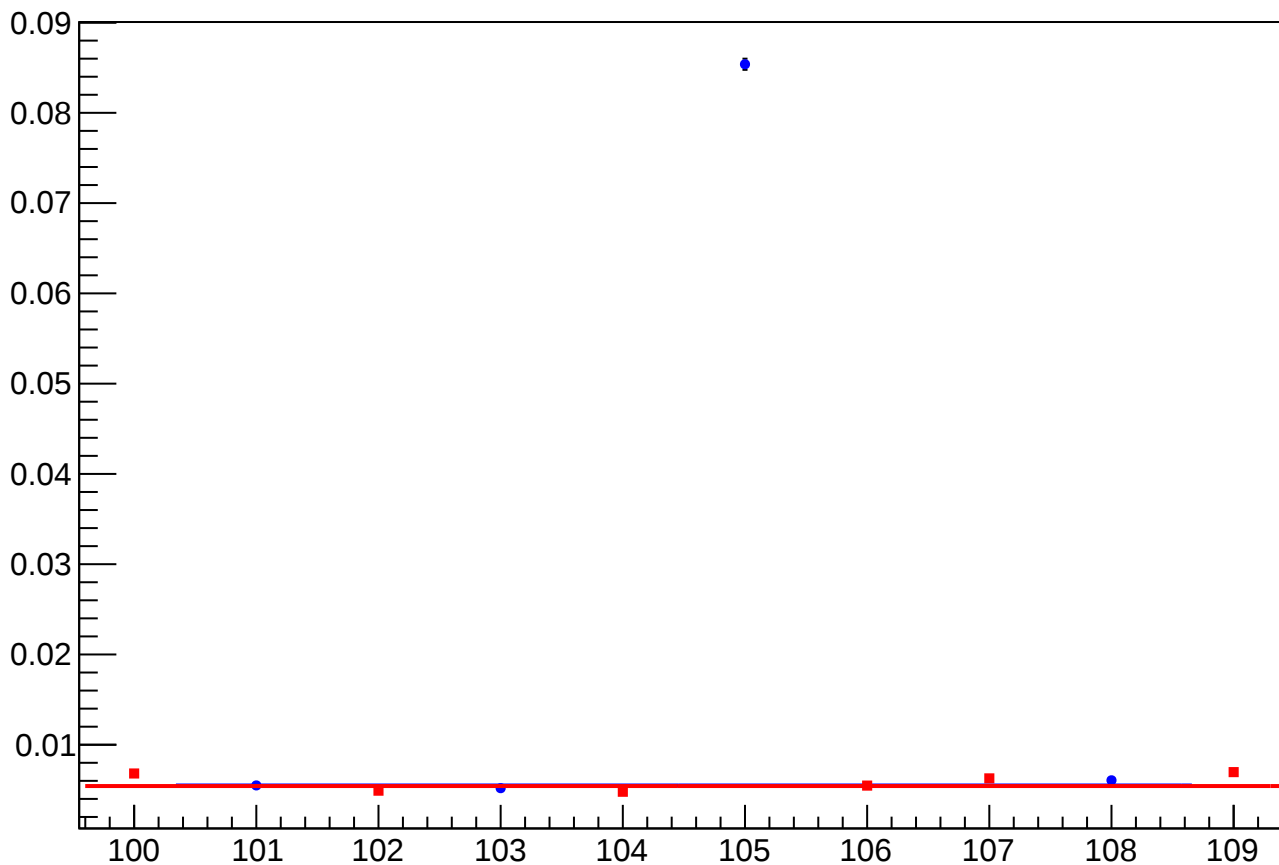
Right Out: -1.307+/-0.000 χ^2/NDF : 17085635072.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.136+/-0.000 χ^2/NDF : 8923146910.7/3

-1.307+/-0.000 χ^2/NDF : 17085635072.6/5

yield_bpm0i05Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 26883.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

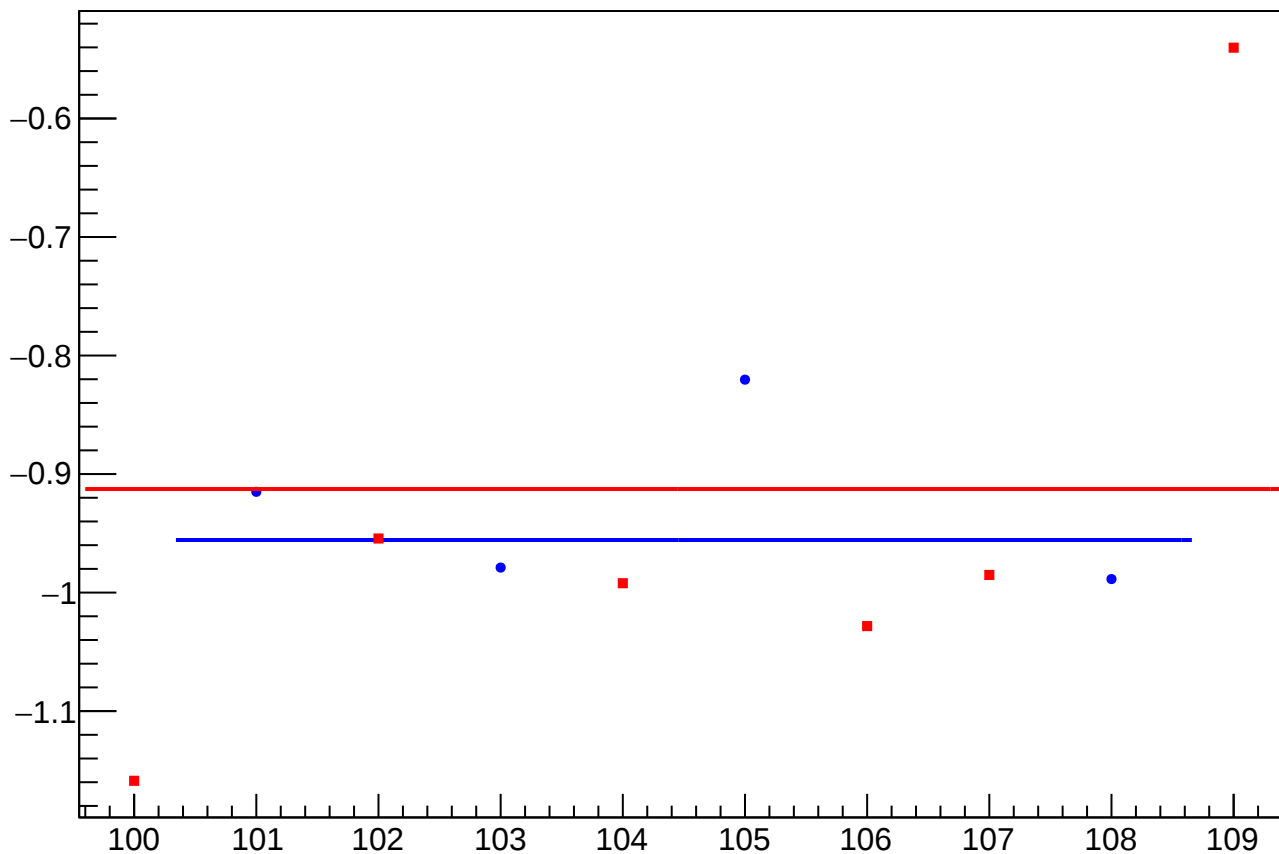
Right Out: 0.005+/-0.000 χ^2/NDF : 87534.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 26883.8/3

0.005+/-0.000 χ^2/NDF : 87534.0/5

yield_bpm0i07X_mean vs slug



Right In: -0.956+/-0.000 χ^2/NDF : 81081497.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

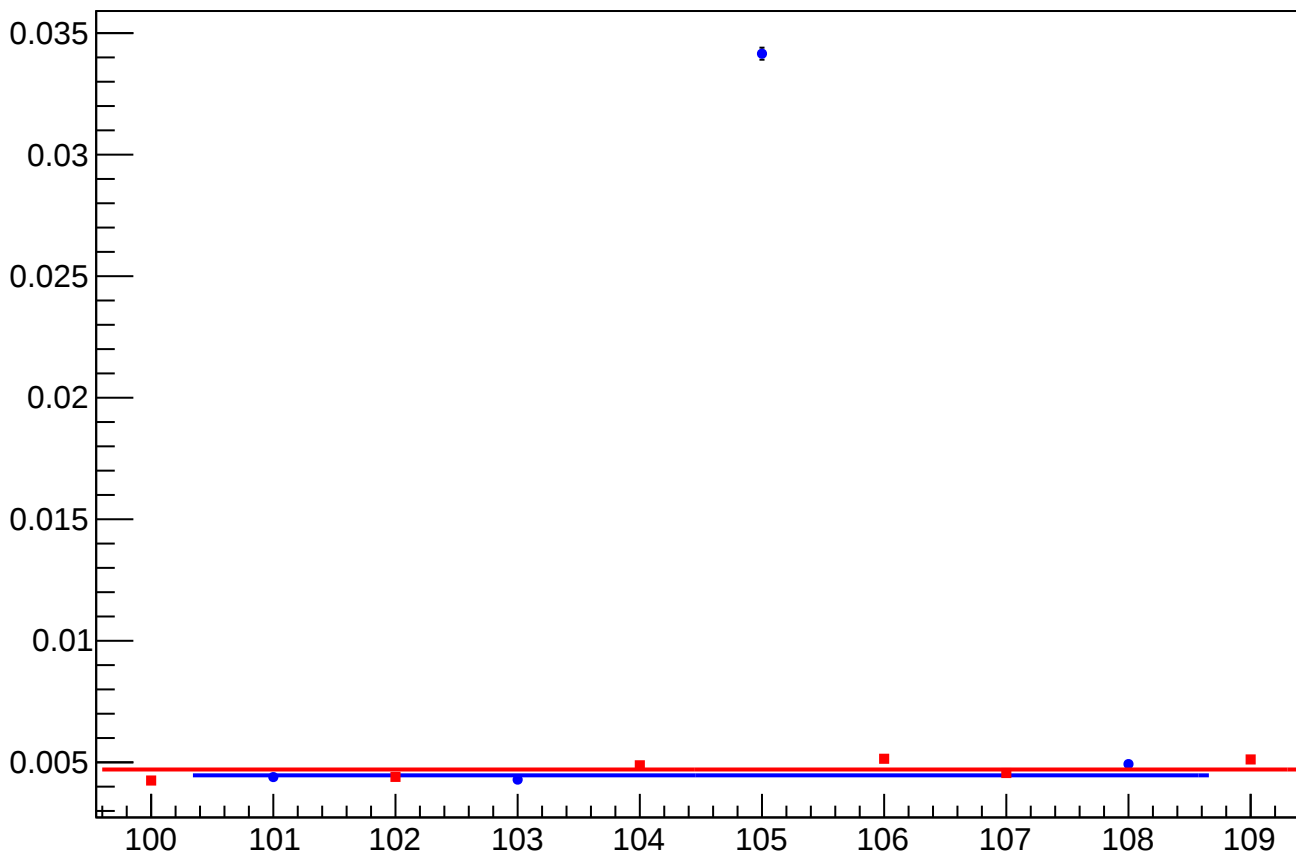
Right Out: -0.913+/-0.000 χ^2/NDF : 2670621055.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.956+/-0.000 χ^2/NDF : 81081497.3/3

-0.913+/-0.000 χ^2/NDF : 2670621055.6/5

yield_bpm0i07X_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 23110.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

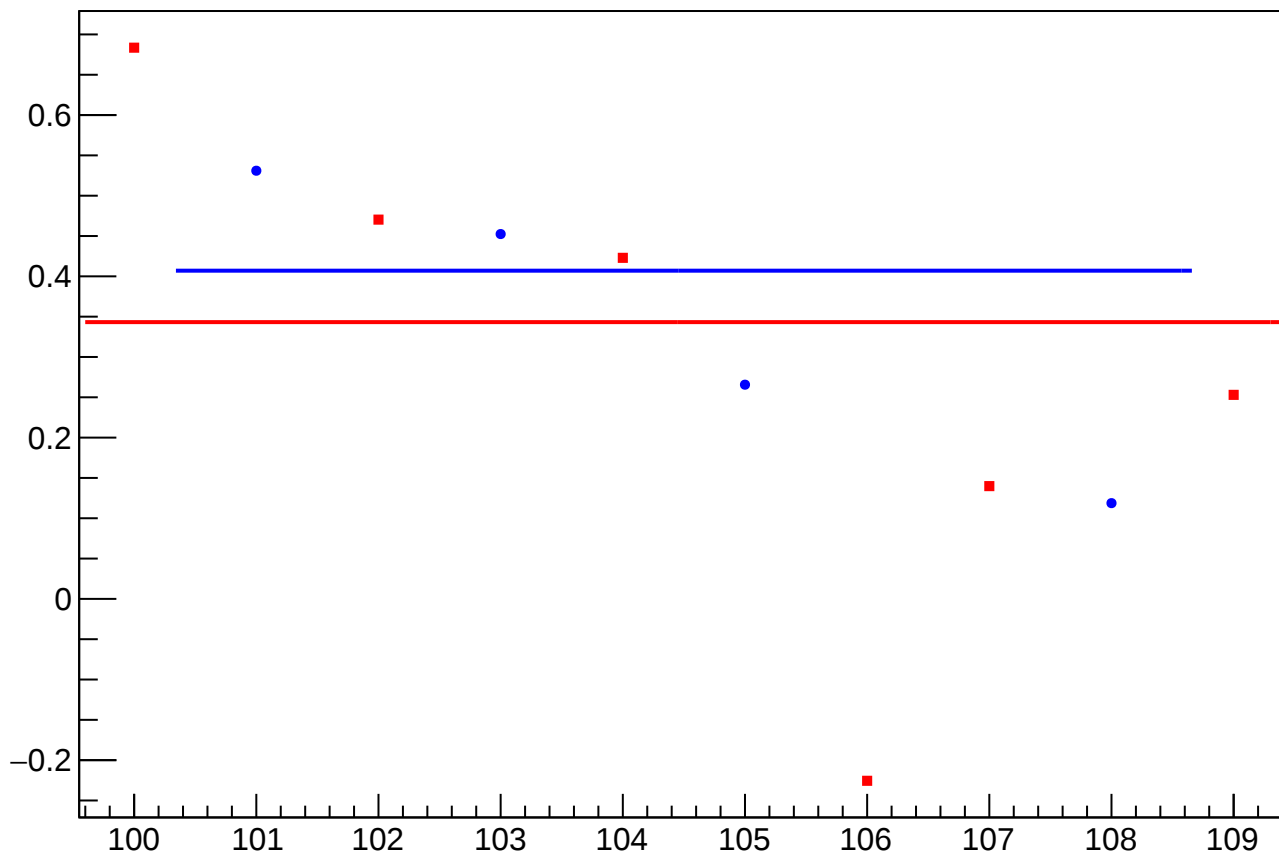
Right Out: 0.005+/-0.000 χ^2/NDF : 16136.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 23110.0/3

0.005+/-0.000 χ^2/NDF : 16136.8/5

yield_bpm0i07Y_mean vs slug



Right In: 0.407 $\pm$ 0.000 χ^2 /NDF: 2793425495.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

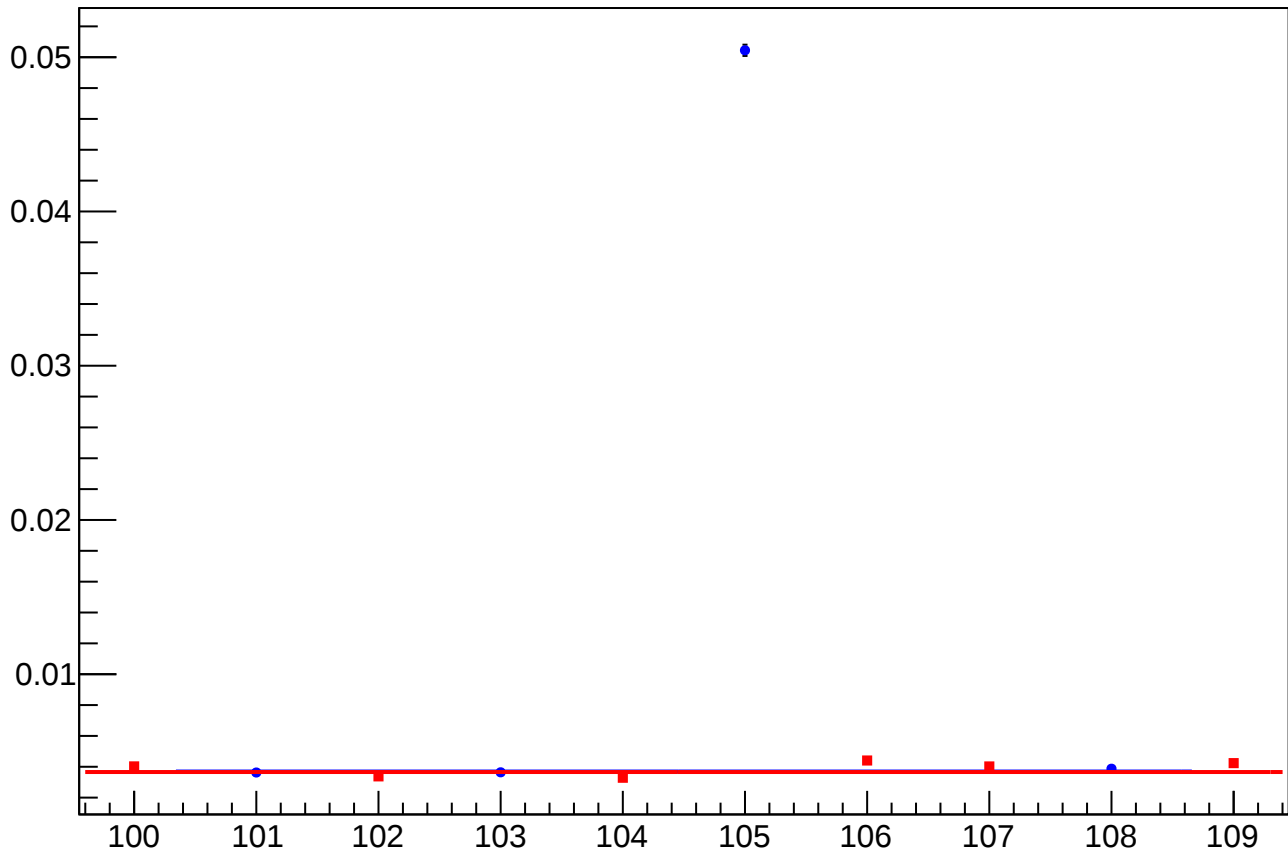
0.407 $\pm$ 0.000 χ^2 /NDF: 2793425495.6/3

Right Out: 0.343 $\pm$ 0.000 χ^2 /NDF: 4835819434.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.343 $\pm$ 0.000 χ^2 /NDF: 4835819434.2/5

yield_bpm0i07Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 18557.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

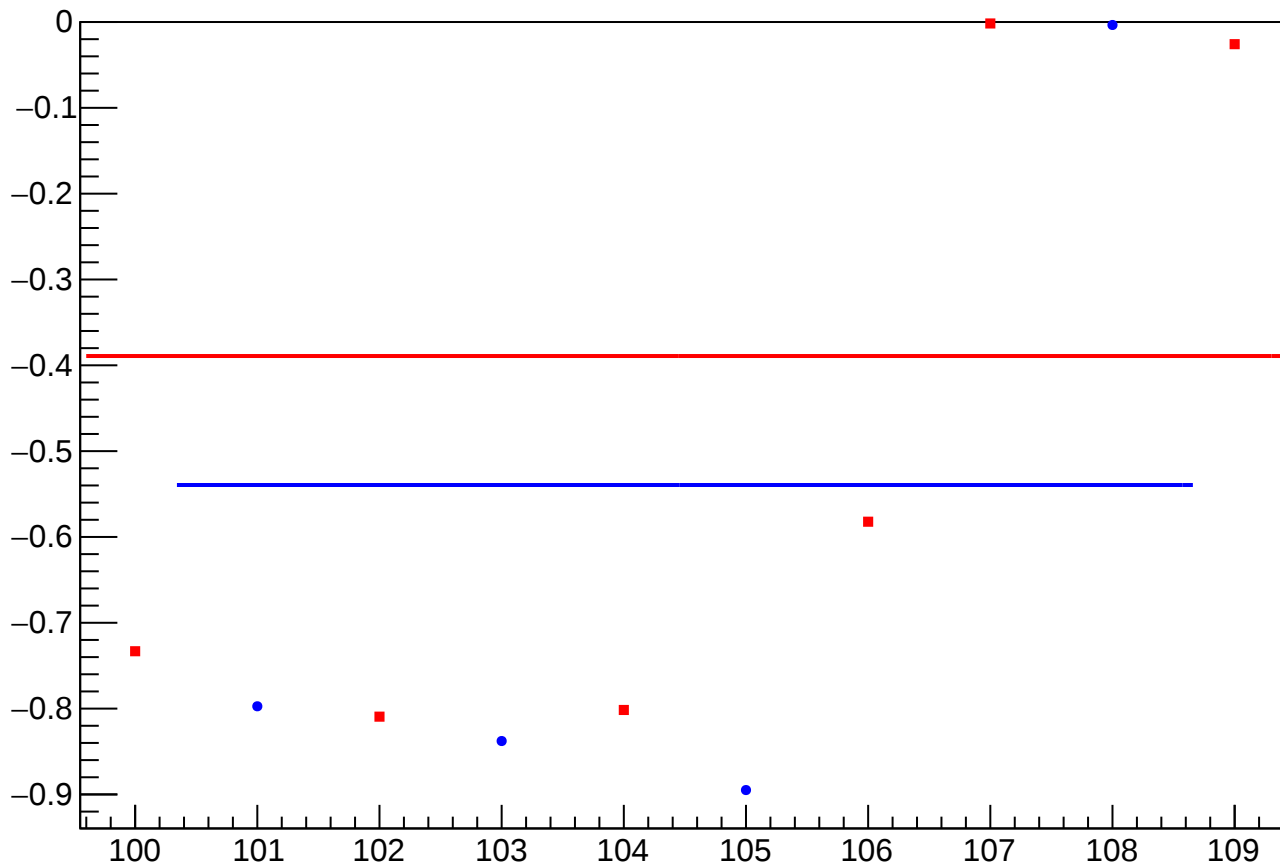
Right Out: 0.004+/-0.000 χ^2/NDF : 50110.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 18557.3/3

0.004+/-0.000 χ^2/NDF : 50110.3/5

yield_bpm1i02X_mean vs slug



Right In: -0.539+/-0.000 χ^2/NDF : 1784544756.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

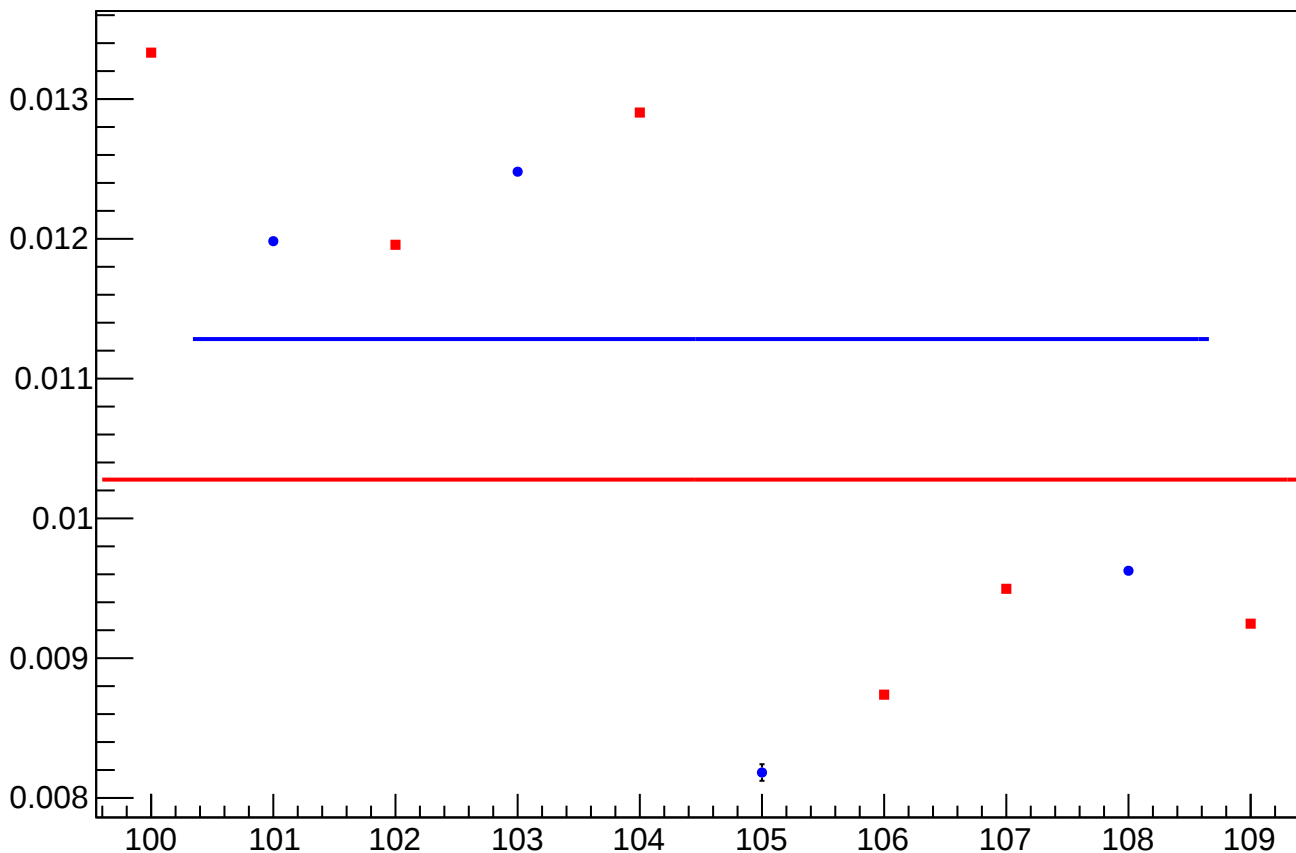
Right Out: -0.389+/-0.000 χ^2/NDF : 2756198795.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.539+/-0.000 χ^2/NDF : 1784544756.1/3

-0.389+/-0.000 χ^2/NDF : 2756198795.7/5

yield_bpm1i02X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 39554.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

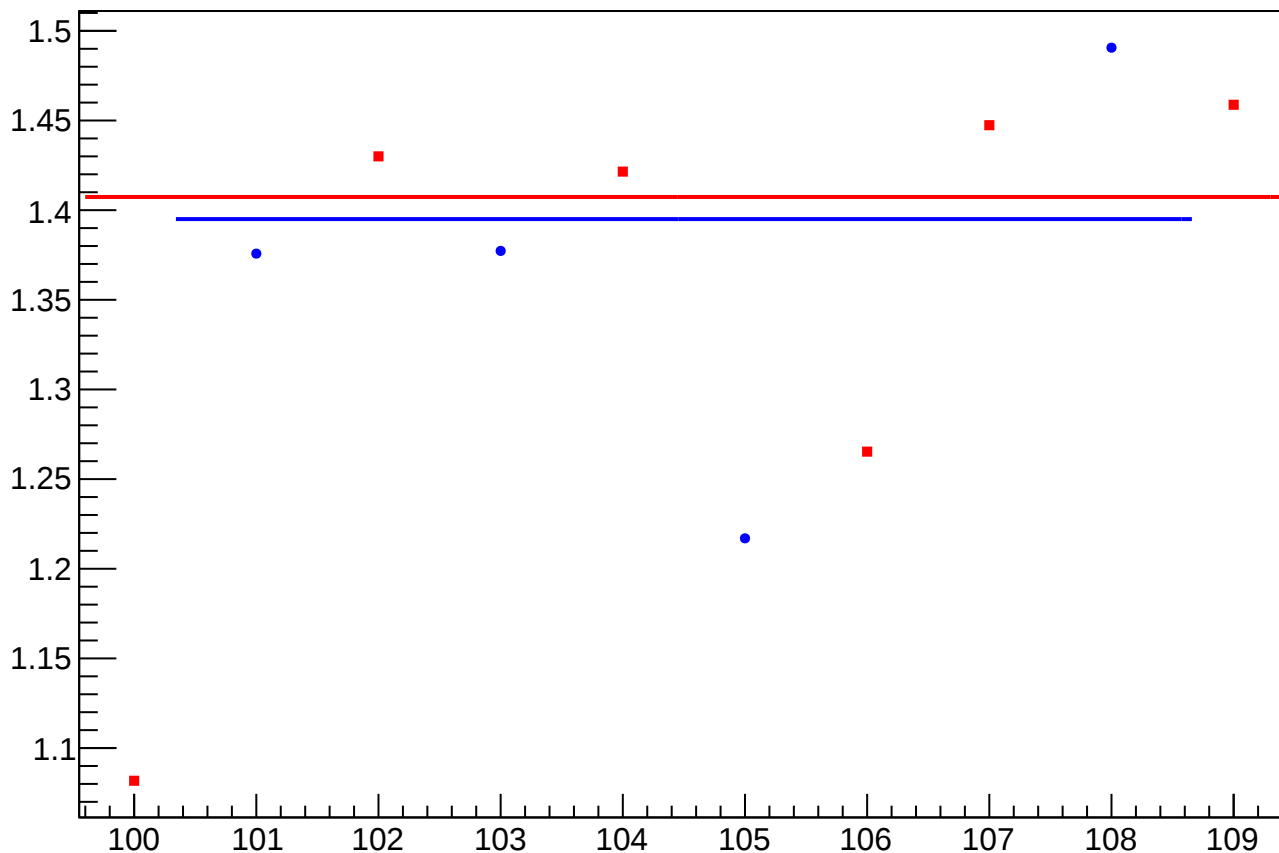
Right Out: 0.010+/-0.000 χ^2/NDF : 105856.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 39554.9/3

0.010+/-0.000 χ^2/NDF : 105856.7/5

yield_bpm1i02Y_mean vs slug



Right In: 1.395+/-0.000 χ^2/NDF : 80162974.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

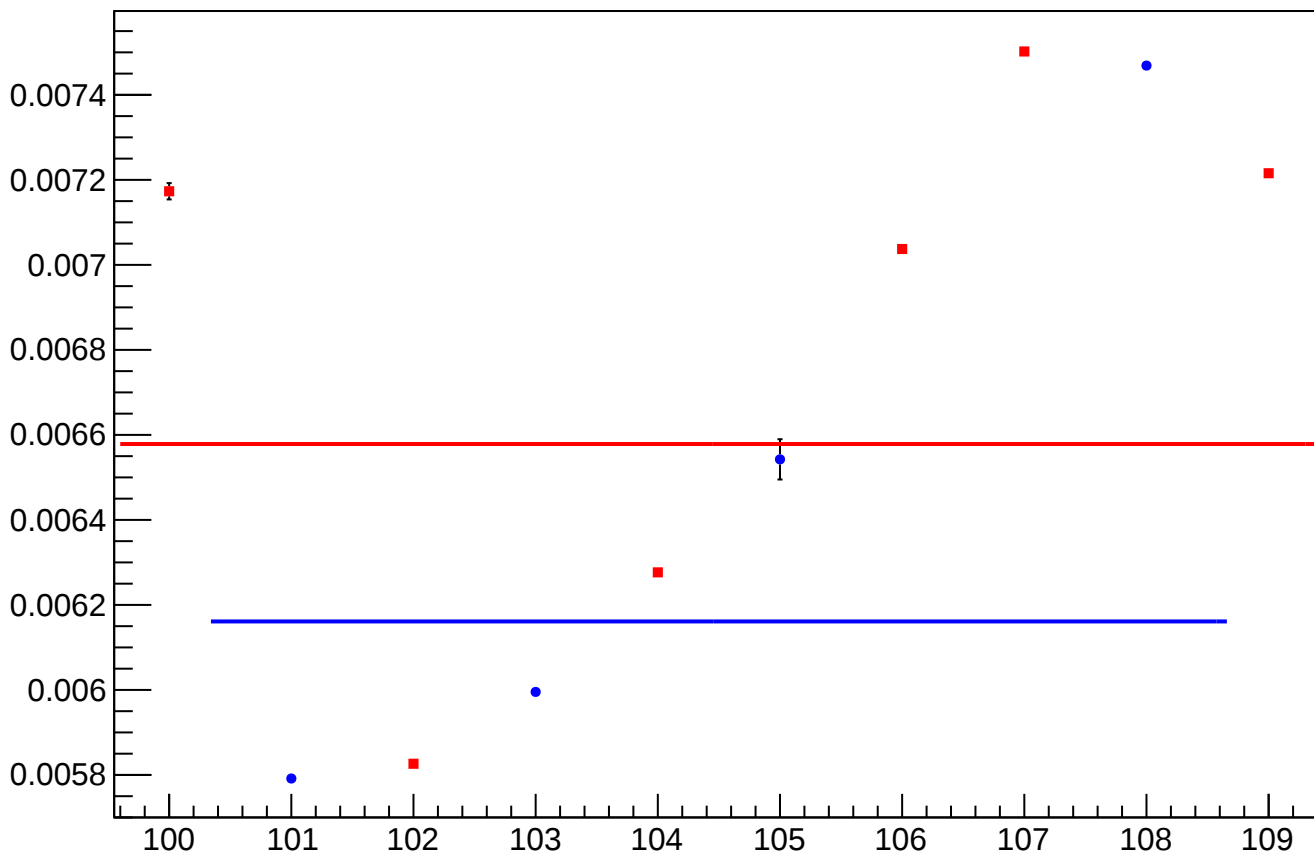
Right Out: 1.407+/-0.000 χ^2/NDF : 312236954.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.395+/-0.000 χ^2/NDF : 80162974.0/3

1.407+/-0.000 χ^2/NDF : 312236954.6/5

yield_bpm1i02Y_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 28758.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

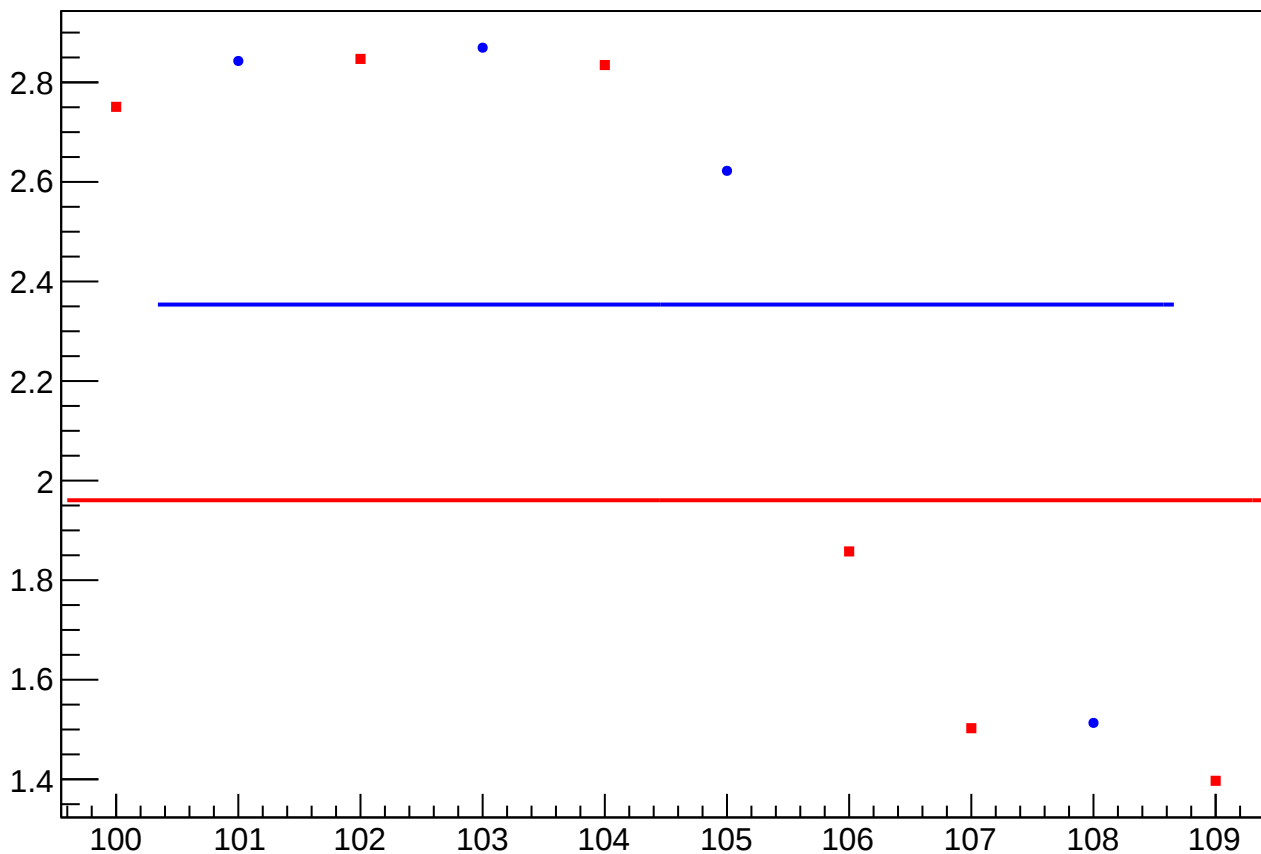
Right Out: 0.007+/-0.000 χ^2/NDF : 42509.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 28758.8/3

0.007+/-0.000 χ^2/NDF : 42509.4/5

yield_bpm1i04X_mean vs slug



Right In: 2.354+/-0.000 χ^2/NDF : 11770491929.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

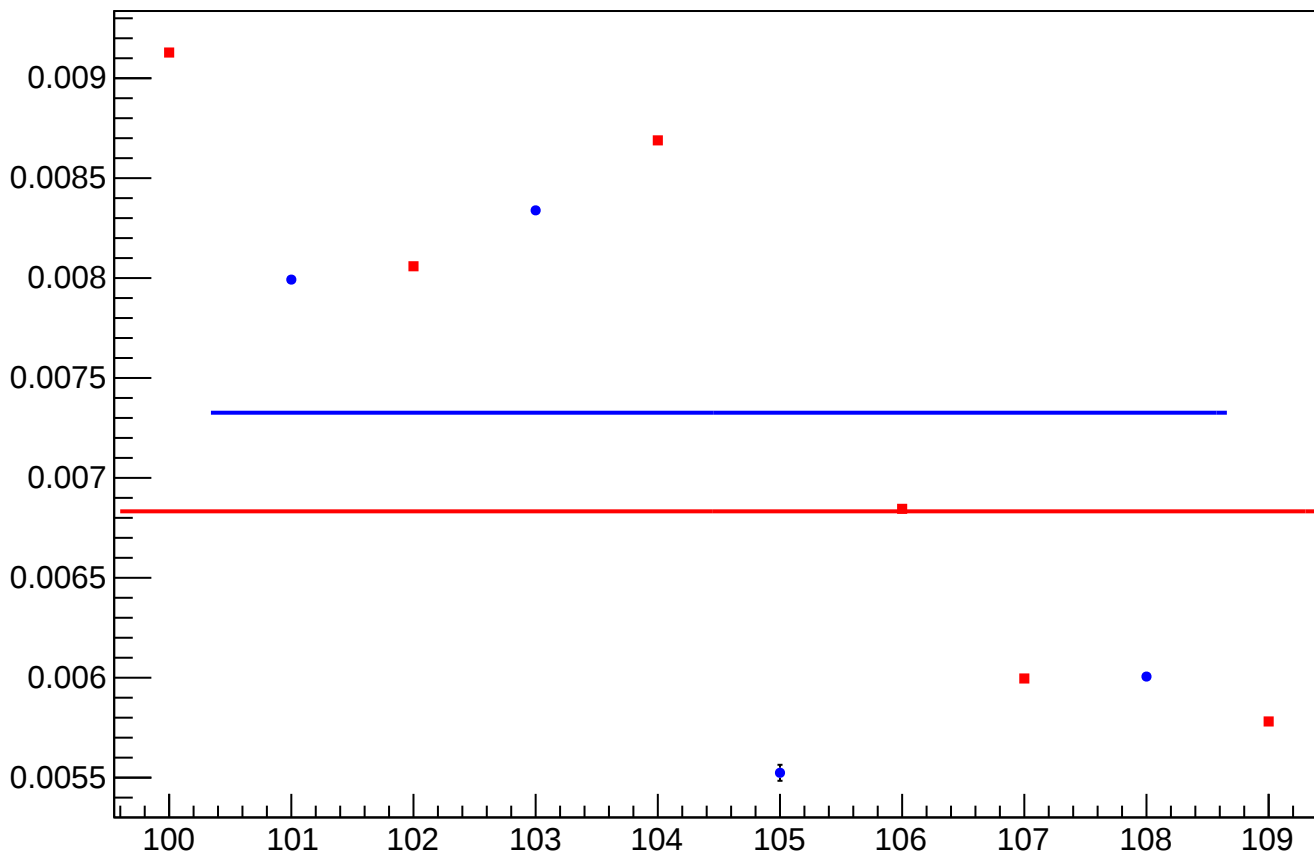
2.354+/-0.000 χ^2/NDF : 11770491929.6/3

Right Out: 1.961+/-0.000 χ^2/NDF : 19124401355.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.961+/-0.000 χ^2/NDF : 19124401355.8/5

yield_bpm1i04X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 63302.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

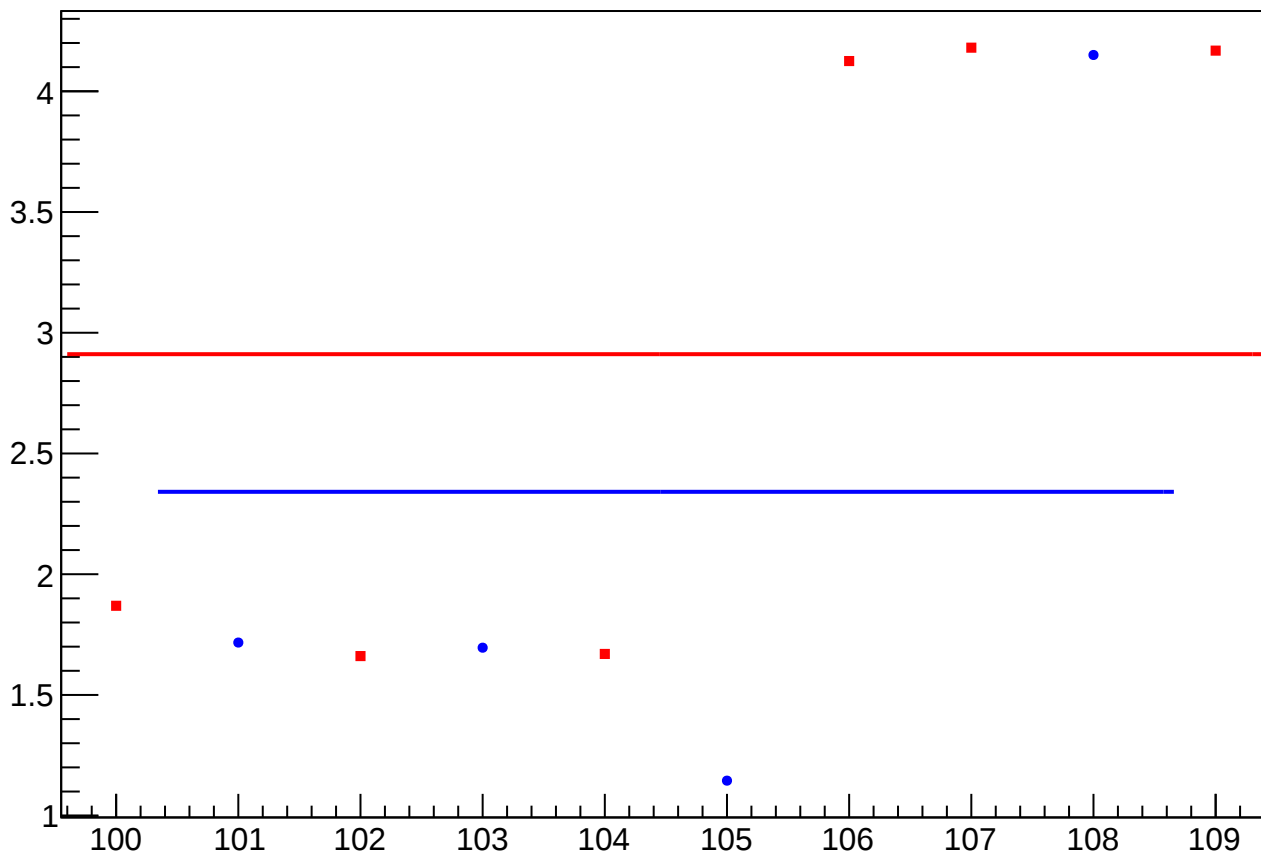
Right Out: 0.007+/-0.000 χ^2/NDF : 126823.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 63302.1/3

0.007+/-0.000 χ^2/NDF : 126823.8/5

yield_bpm1i04Y_mean vs slug



Right In: 2.341+/-0.000 χ^2/NDF : 63919168422.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

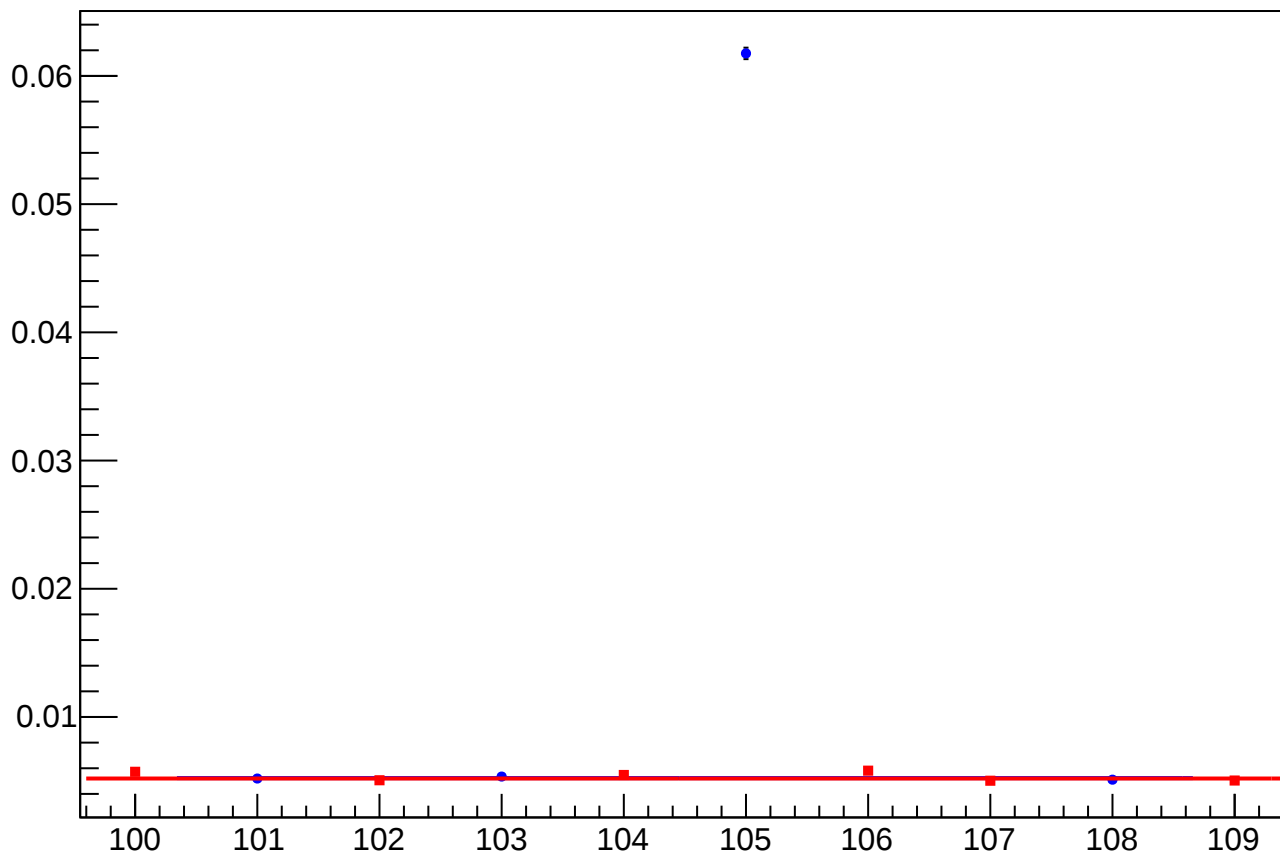
2.341+/-0.000 χ^2/NDF : 63919168422.1/3

Right Out: 2.911+/-0.000 χ^2/NDF : 122293154920.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.911+/-0.000 χ^2/NDF : 122293154920.6/5

yield_bpm1i04Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 17011.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

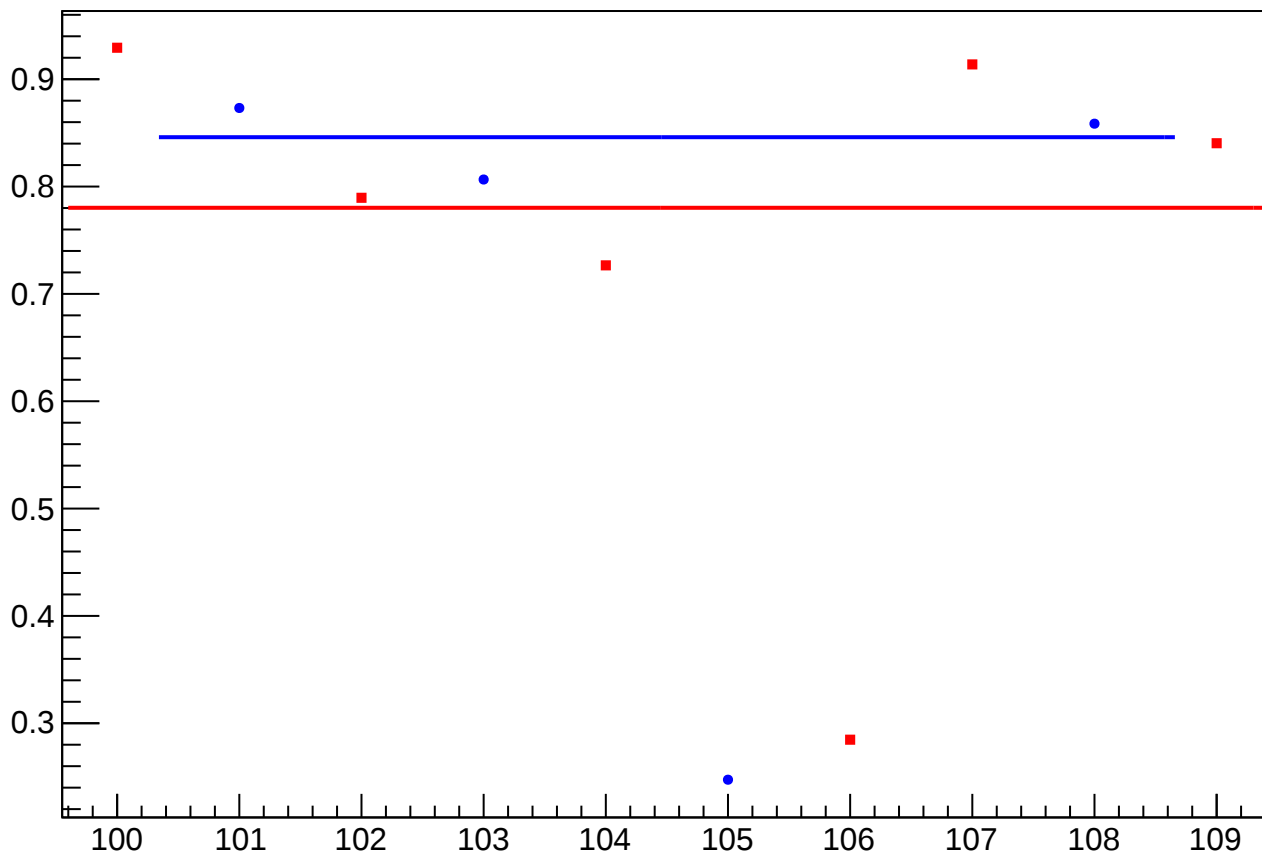
Right Out: 0.005+/-0.000 χ^2/NDF : 9773.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 17011.8/3

0.005+/-0.000 χ^2/NDF : 9773.8/5

yield_bpm1i06X_mean vs slug



Right In: 0.846+/-0.000 χ^2/NDF : 6532042.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

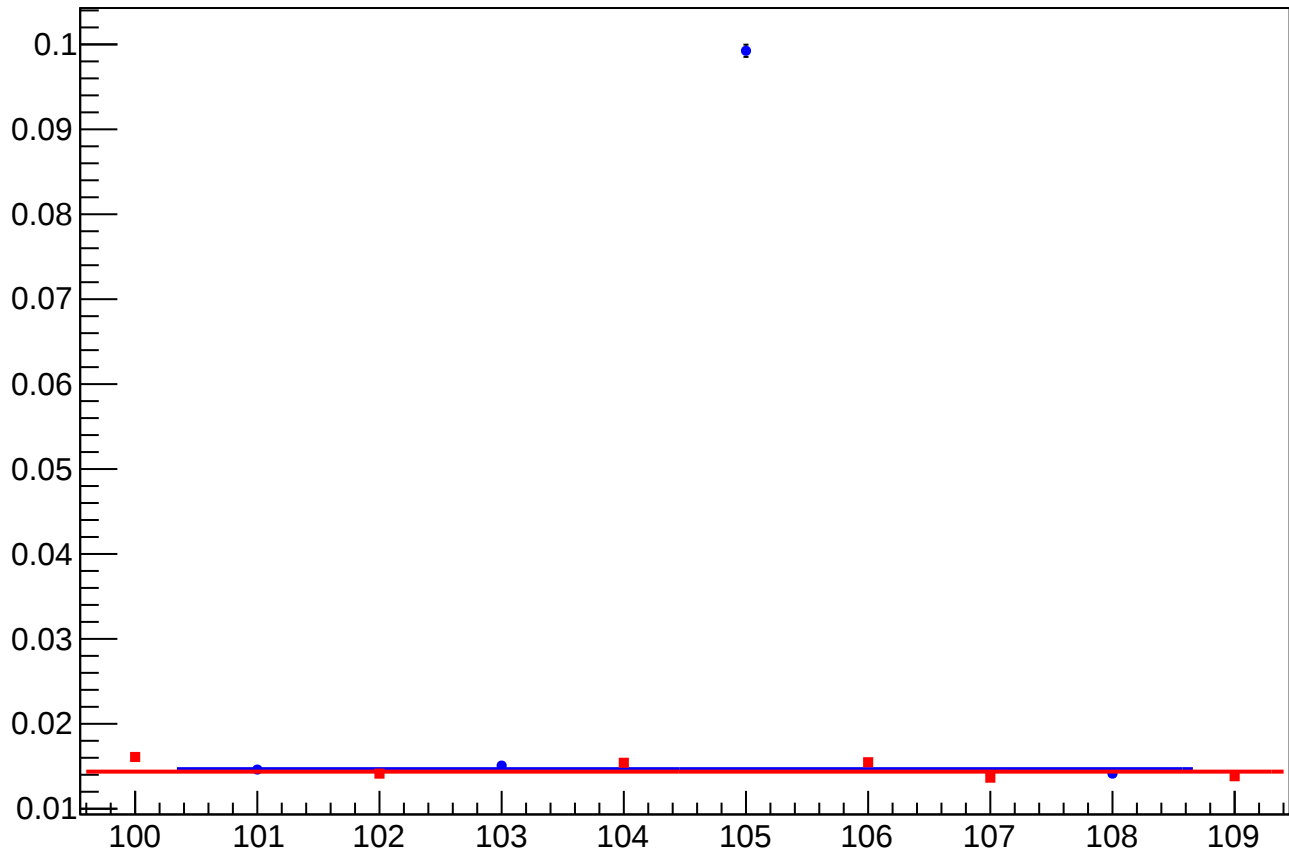
Right Out: 0.780+/-0.000 χ^2/NDF : 239350396.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.846+/-0.000 χ^2/NDF : 6532042.6/3

0.780+/-0.000 χ^2/NDF : 239350396.8/5

yield_bpm1i06X_rms vs slug



Right In: 0.015+/-0.000 χ^2/NDF : 15777.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

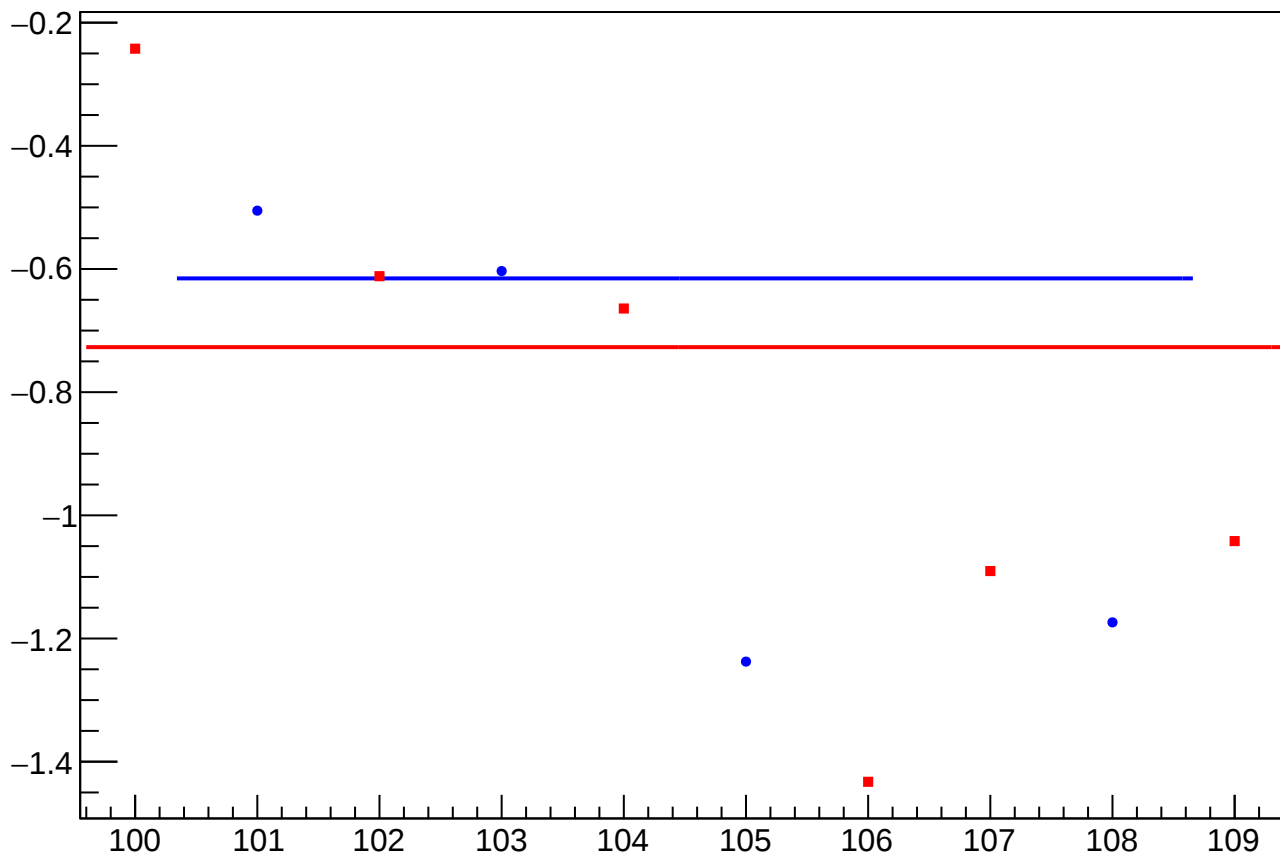
Right Out: 0.014+/-0.000 χ^2/NDF : 11710.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 15777.5/3

0.014+/-0.000 χ^2/NDF : 11710.0/5

yield_bpm1i06Y_mean vs slug



Right In: -0.615+/-0.000 χ^2/NDF : 2893181225.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

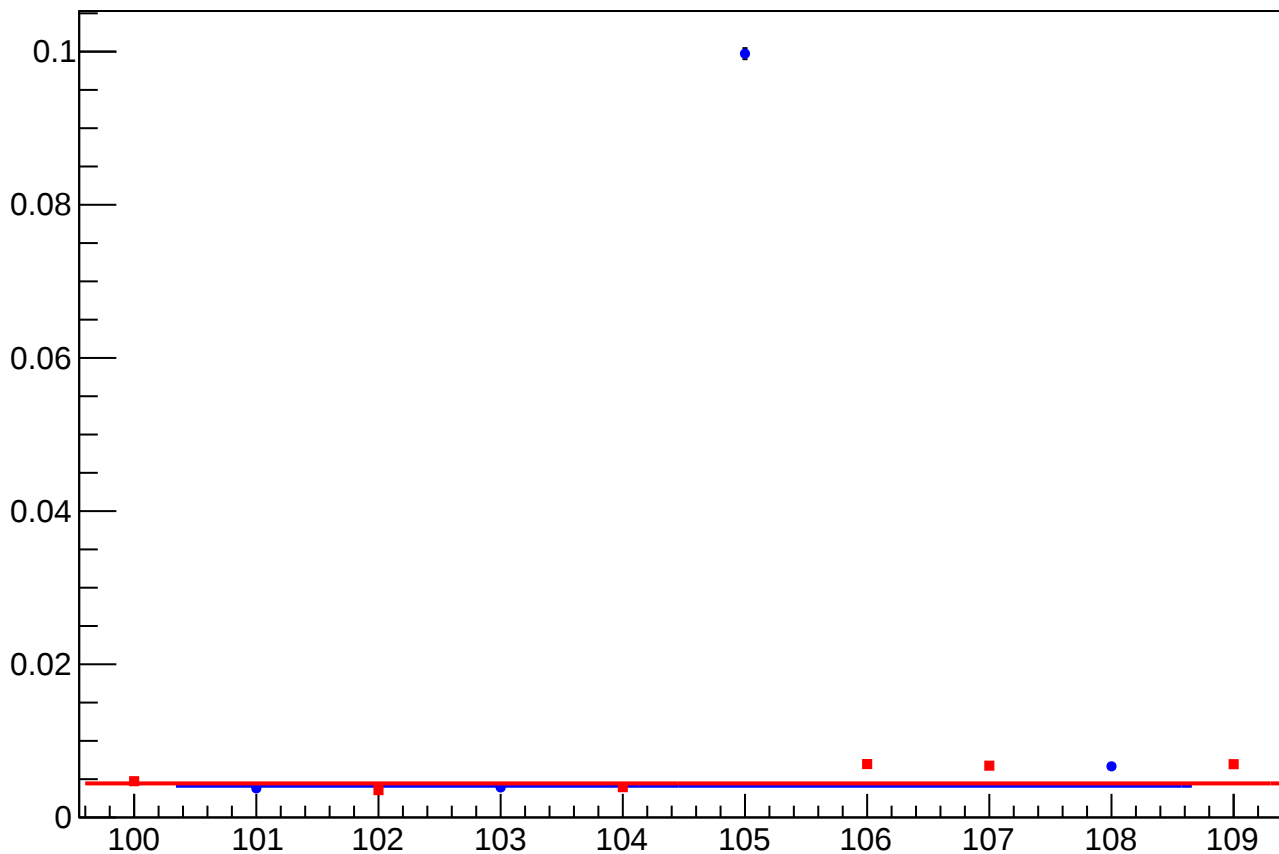
Right Out: -0.727+/-0.000 χ^2/NDF : 4767193018.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.615+/-0.000 χ^2/NDF : 2893181225.3/3

-0.727+/-0.000 χ^2/NDF : 4767193018.8/5

yield_bpm1i06Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 130260.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

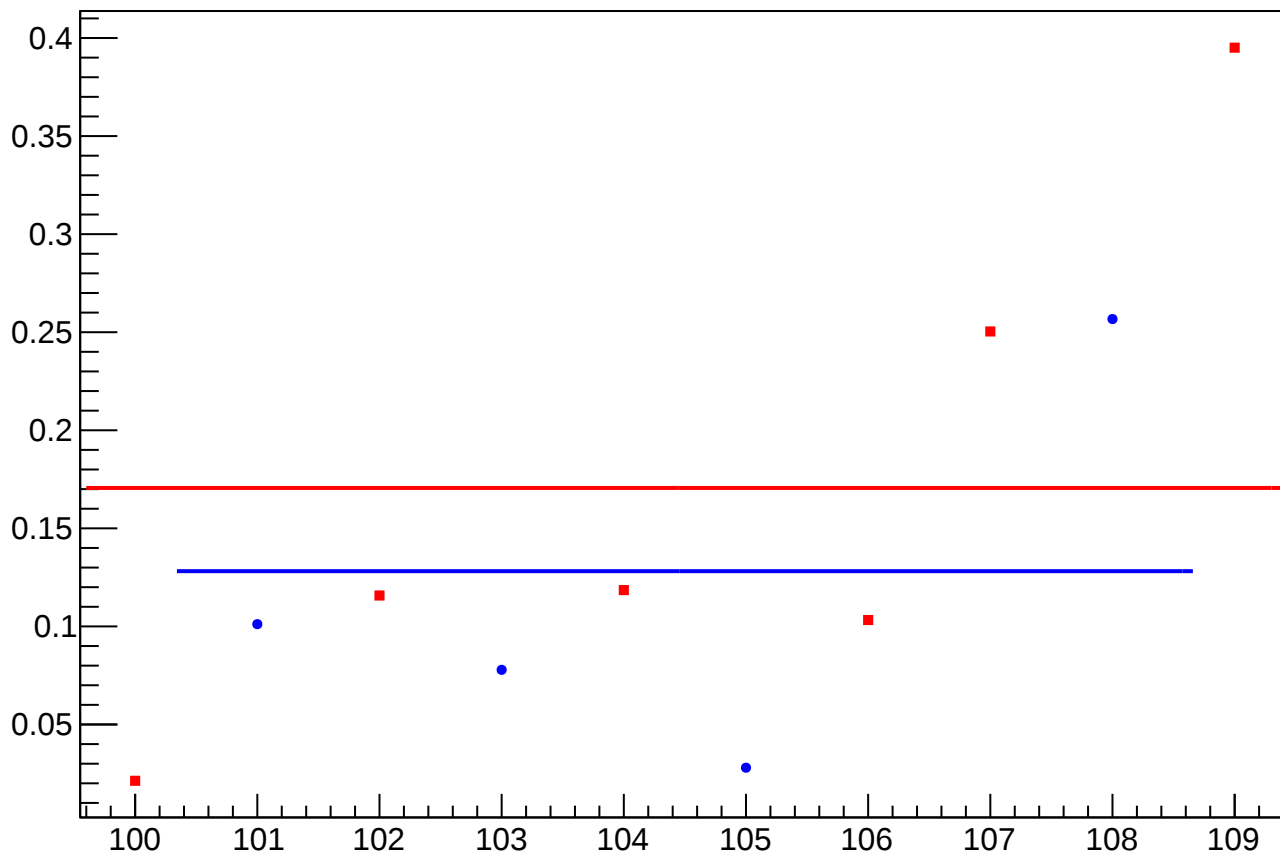
Right Out: 0.004+/-0.000 χ^2/NDF : 318257.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 130260.4/3

0.004+/-0.000 χ^2/NDF : 318257.0/5

yield_bpm2i01X_mean vs slug



Right In: 0.128+/-0.000 χ^2/NDF : 3023859774.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

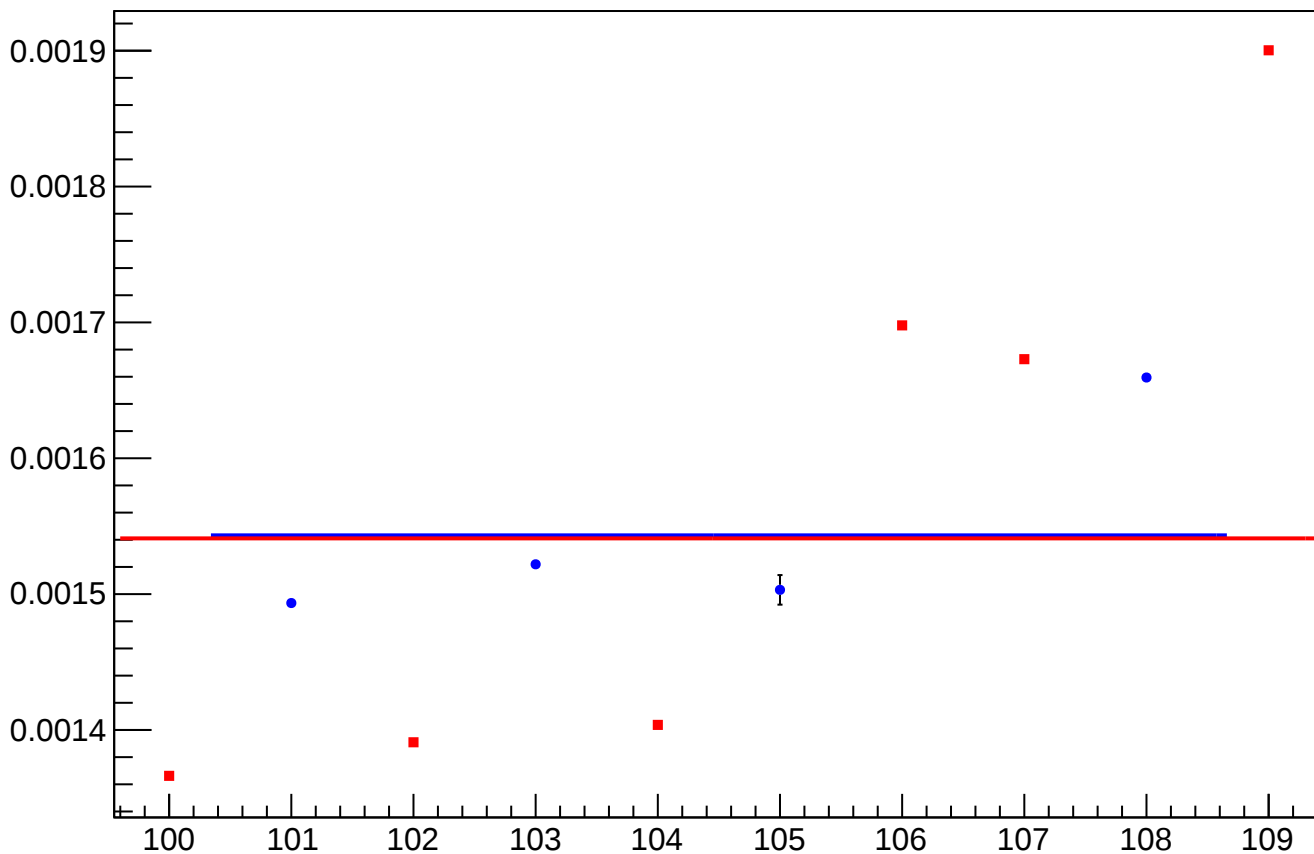
Right Out: 0.171+/-0.000 χ^2/NDF : 10384812906.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.128+/-0.000 χ^2/NDF : 3023859774.6/3

0.171+/-0.000 χ^2/NDF : 10384812906.0/5

yield_bpm2i01X_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 4996.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

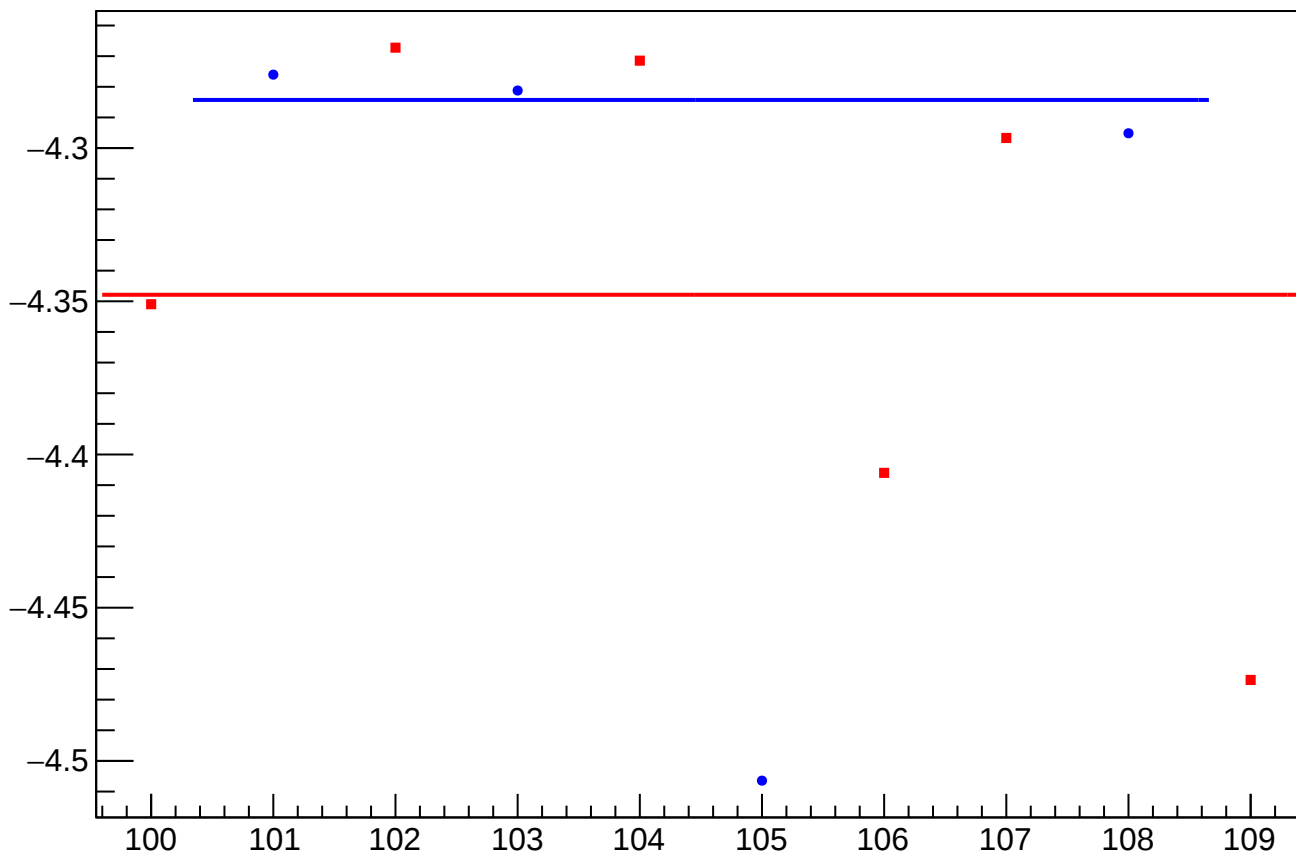
Right Out: 0.002+/-0.000 χ^2/NDF : 68091.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 4996.8/3

0.002+/-0.000 χ^2/NDF : 68091.1/5

yield_bpm2i01Y_mean vs slug



Right In: -4.284+/-0.000 χ^2/NDF : 50719450.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

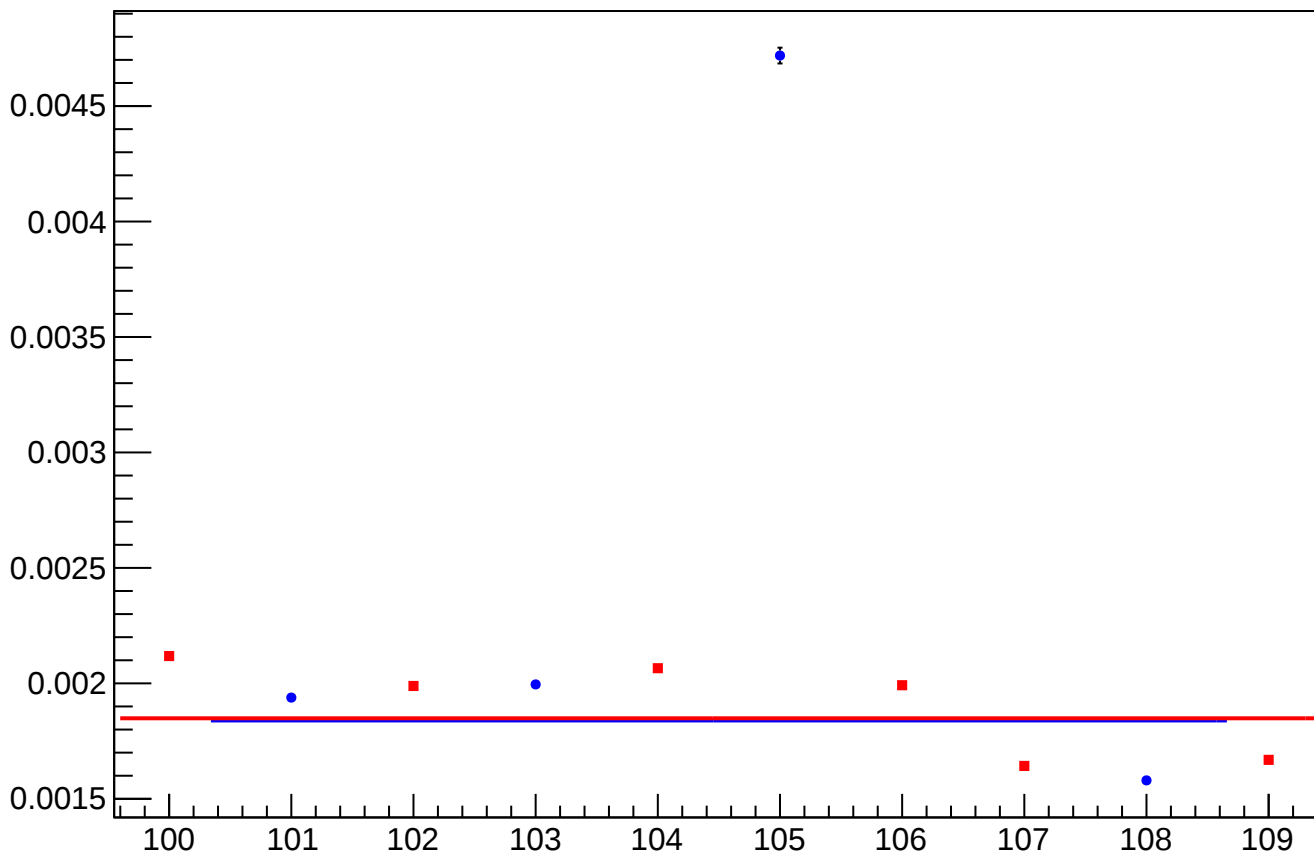
Right Out: -4.348+/-0.000 χ^2/NDF : 4951461808.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.284+/-0.000 χ^2/NDF : 50719450.3/3

-4.348+/-0.000 χ^2/NDF : 4951461808.8/5

yield_bpm2i01Y_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 37180.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

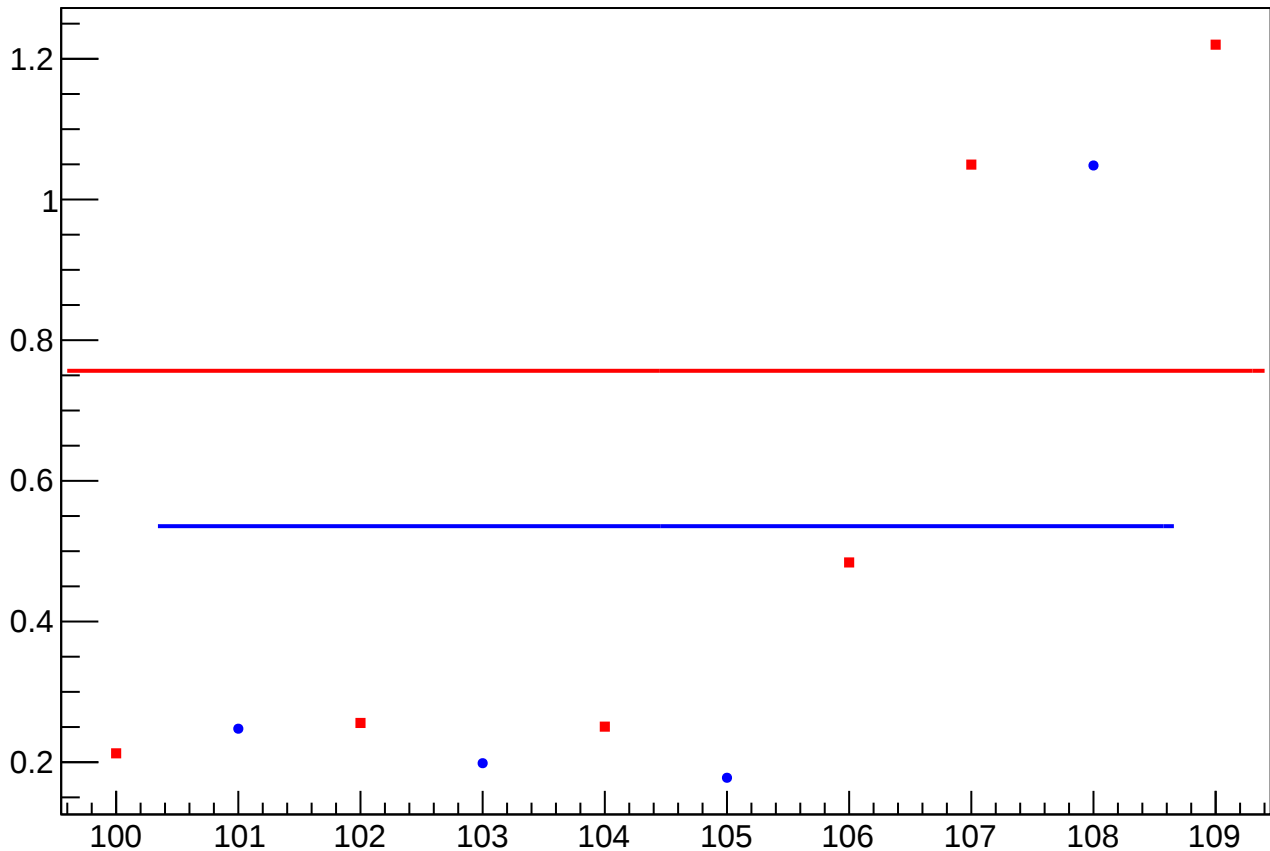
Right Out: 0.002+/-0.000 χ^2/NDF : 43825.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 37180.6/3

0.002+/-0.000 χ^2/NDF : 43825.9/5

yield_bpm2i02X_mean vs slug



Right In: 0.536+/-0.000 χ^2/NDF : 3850590841.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

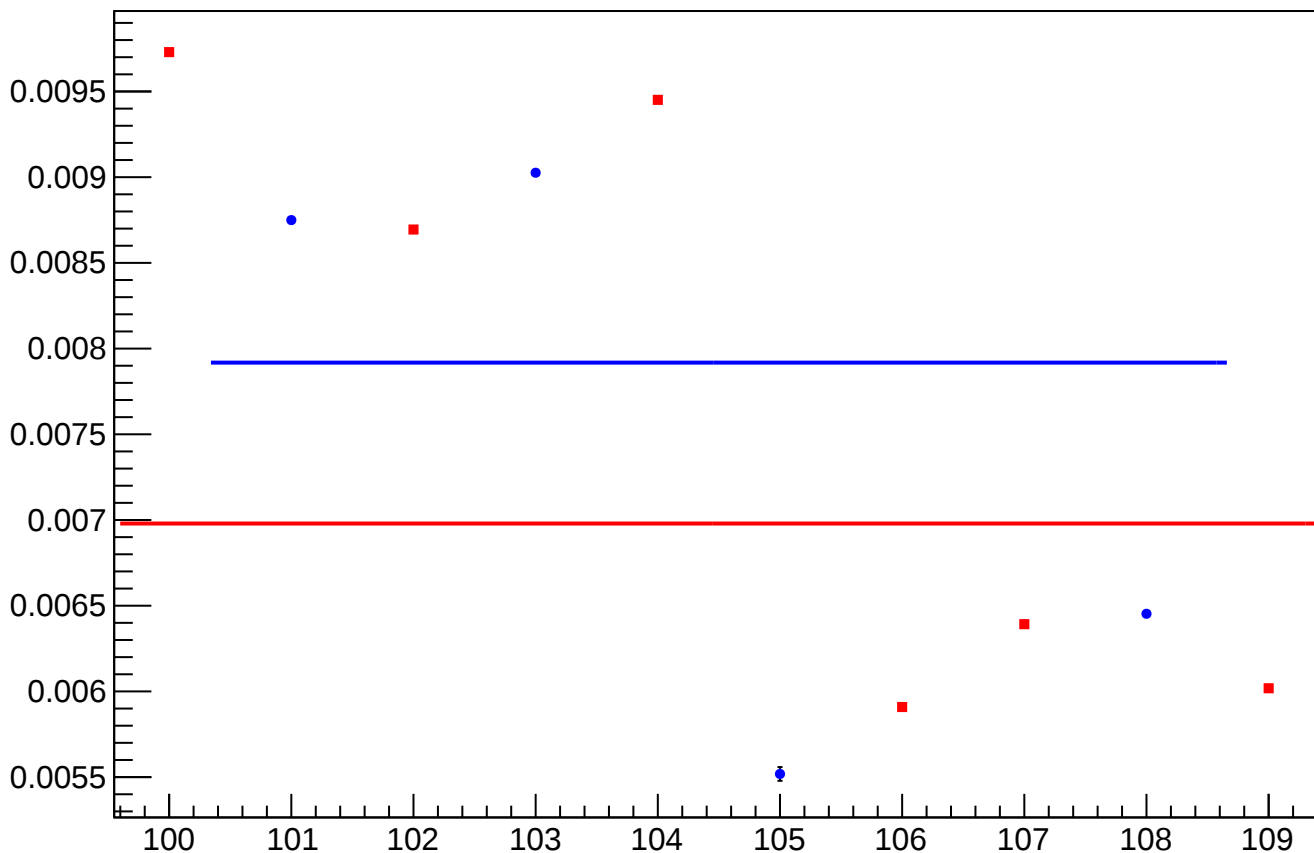
0.536+/-0.000 χ^2/NDF : 3850590841.8/3

Right Out: 0.756+/-0.000 χ^2/NDF : 7891600178.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.756+/-0.000 χ^2/NDF : 7891600178.6/5

yield_bpm2i02X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 70203.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

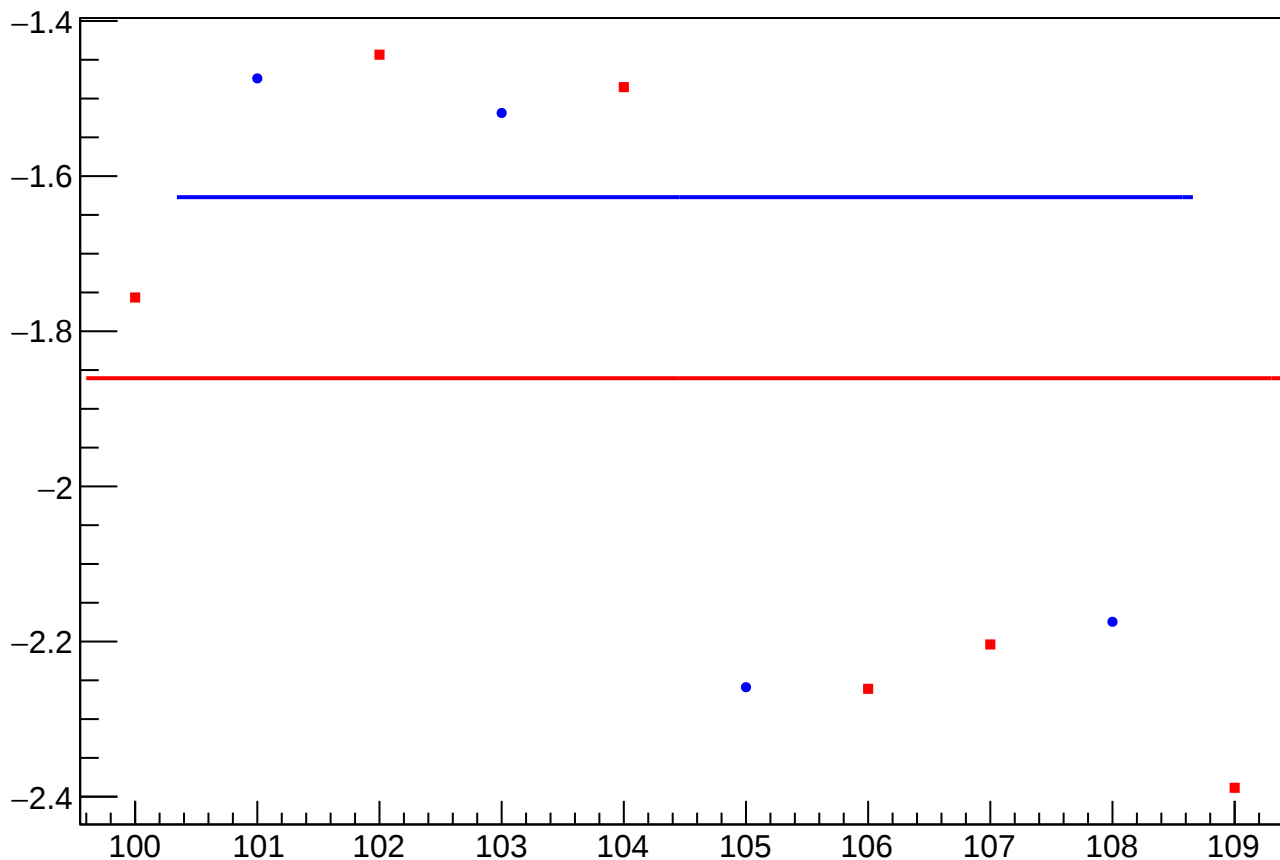
Right Out: 0.007+/-0.000 χ^2/NDF : 173073.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 70203.9/3

0.007+/-0.000 χ^2/NDF : 173073.2/5

yield_bpm2i02Y_mean vs slug



Right In: -1.627+/-0.000 χ^2/NDF : 3272268911.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

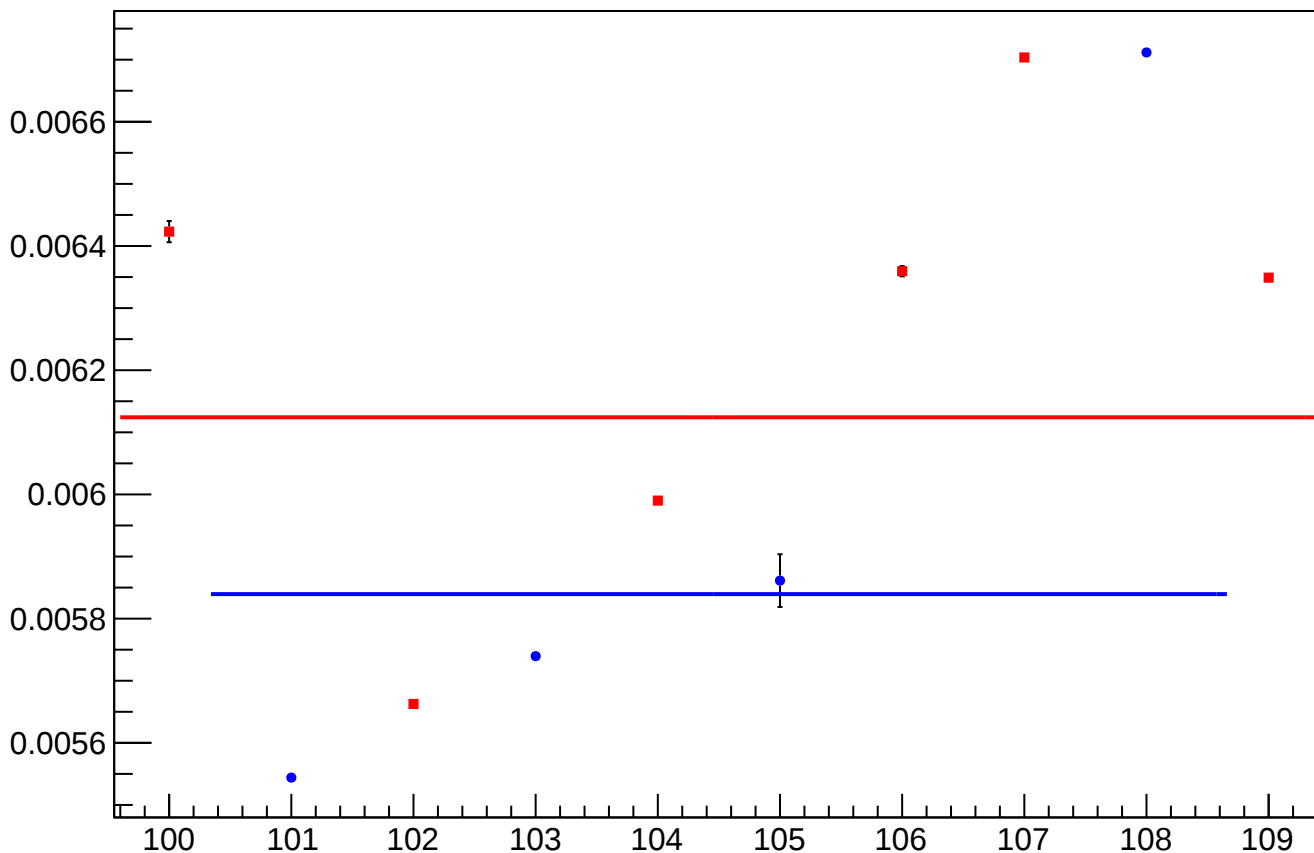
Right Out: -1.861+/-0.000 χ^2/NDF : 10591271981.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.627+/-0.000 χ^2/NDF : 3272268911.4/3

-1.861+/-0.000 χ^2/NDF : 10591271981.6/5

yield_bpm2i02Y_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 16423.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

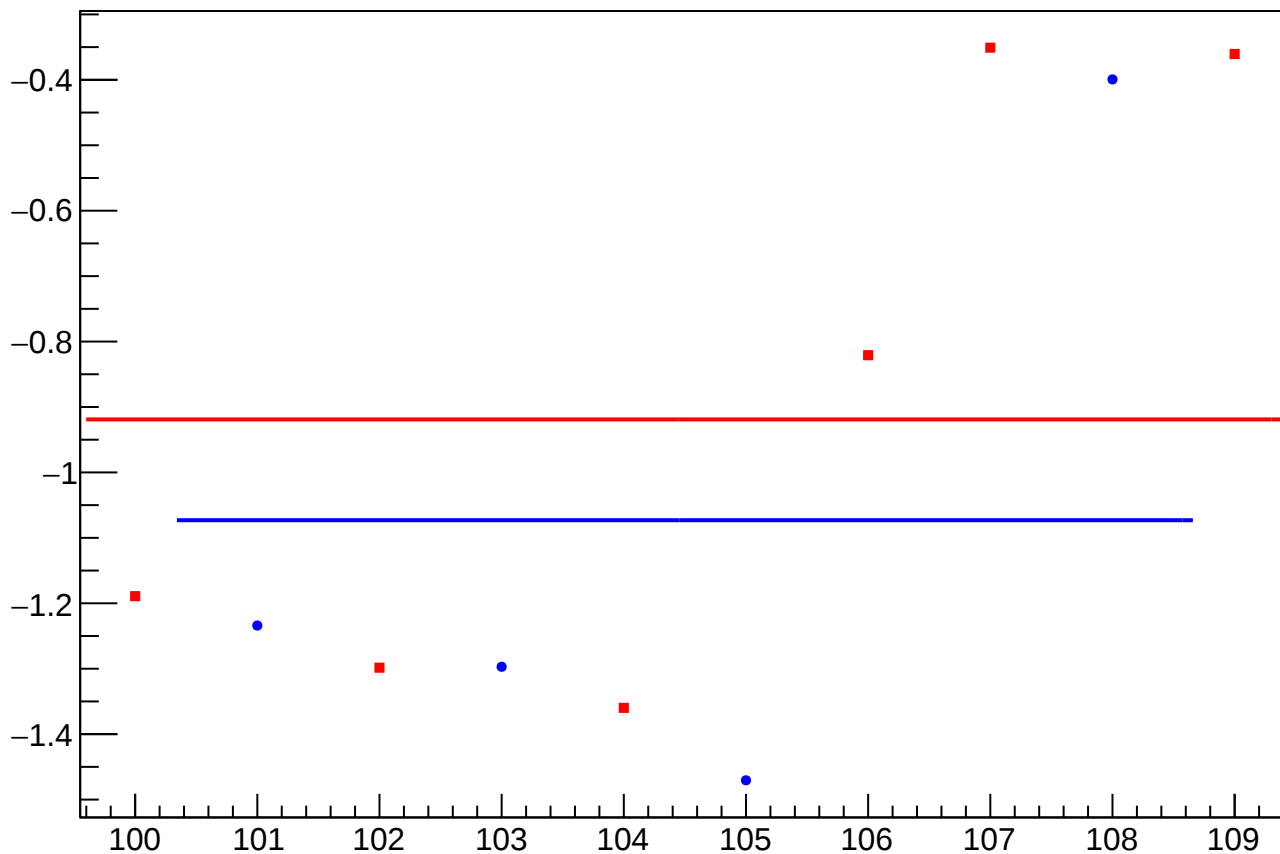
Right Out: 0.006+/-0.000 χ^2/NDF : 15462.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 16423.6/3

0.006+/-0.000 χ^2/NDF : 15462.2/5

yield_bpm0i01X_mean vs slug



Right In: -1.073+/-0.000 χ^2/NDF : 1818575255.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

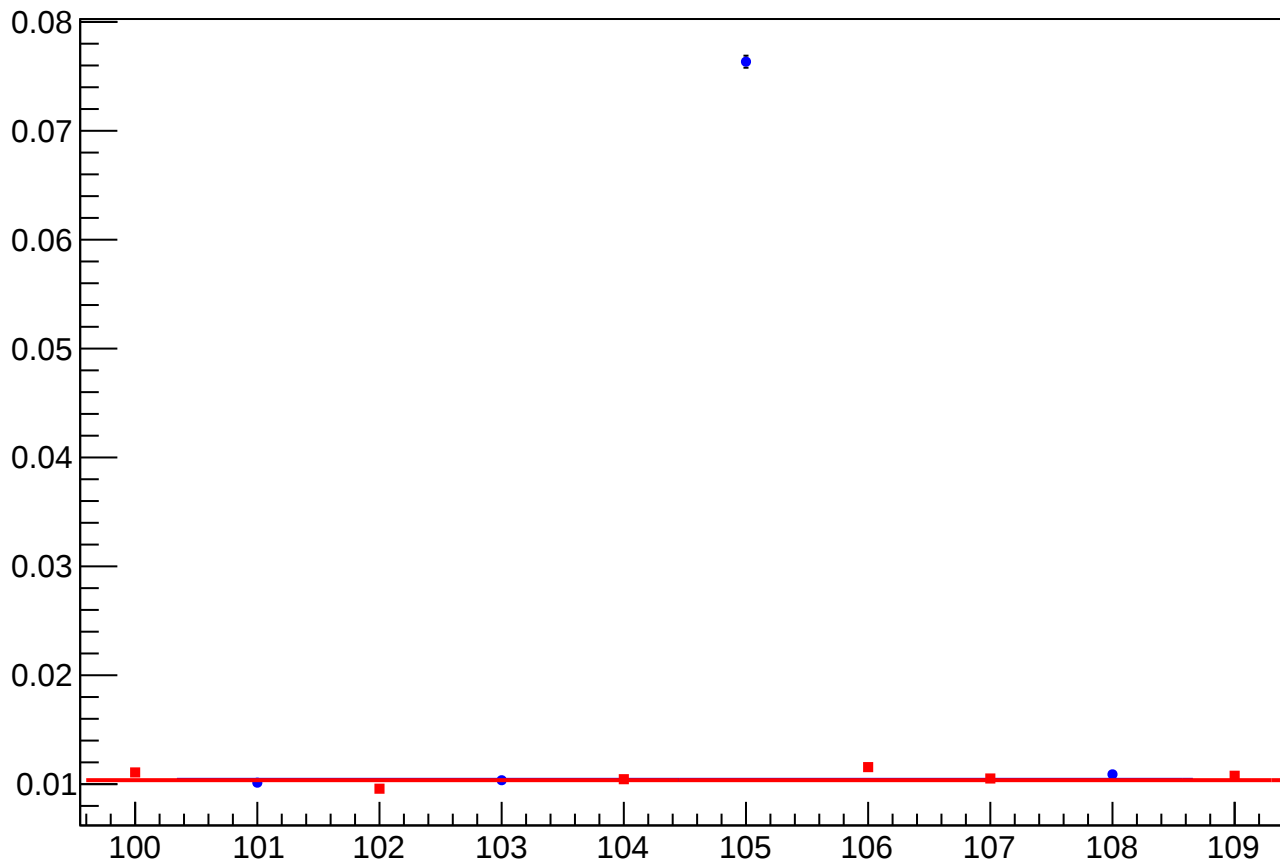
Right Out: -0.919+/-0.000 χ^2/NDF : 4174405042.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.073+/-0.000 χ^2/NDF : 1818575255.6/3

-0.919+/-0.000 χ^2/NDF : 4174405042.2/5

yield_bpm0i01X_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 16588.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

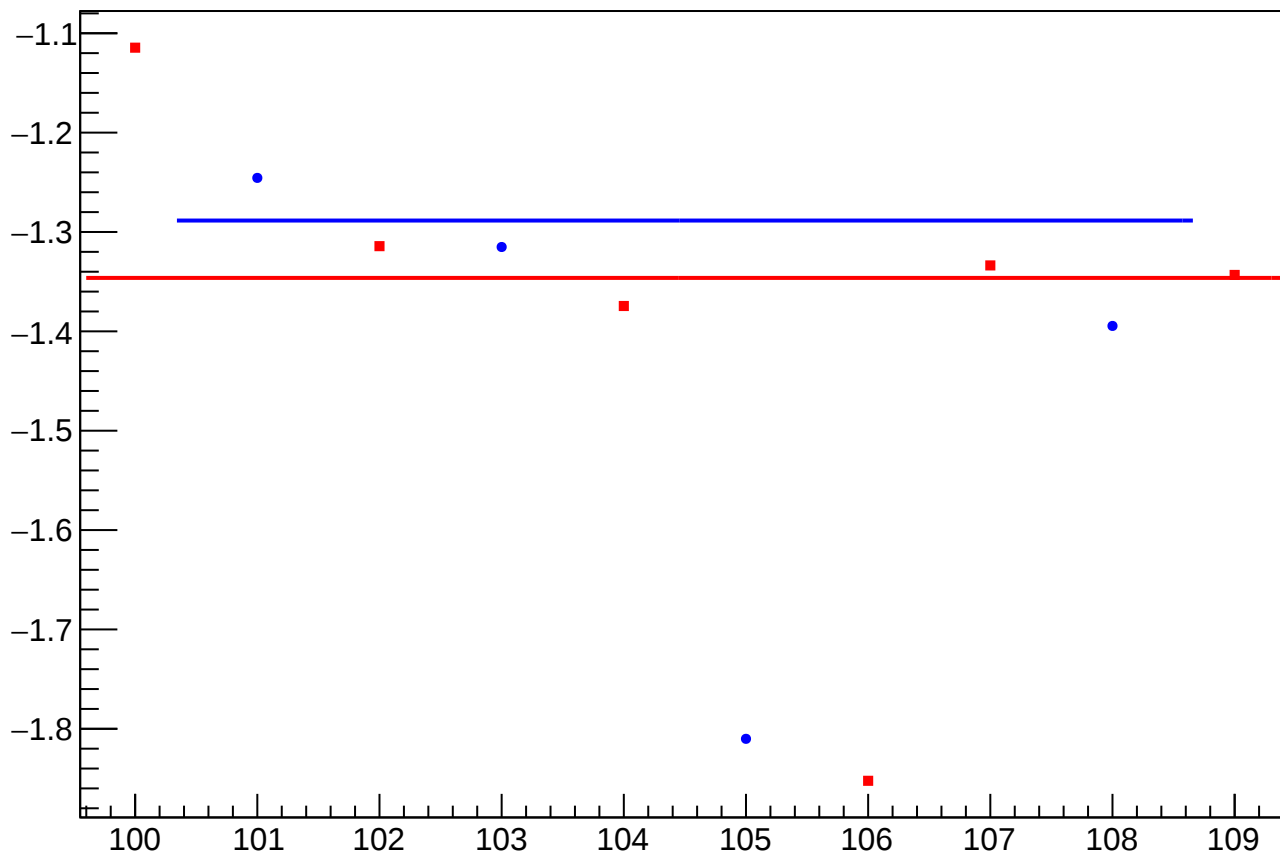
Right Out: 0.010+/-0.000 χ^2/NDF : 13354.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 16588.7/3

0.010+/-0.000 χ^2/NDF : 13354.0/5

yield_bpm0i01Y_mean vs slug



Right In: -1.288+/-0.000 χ^2/NDF : 845934855.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

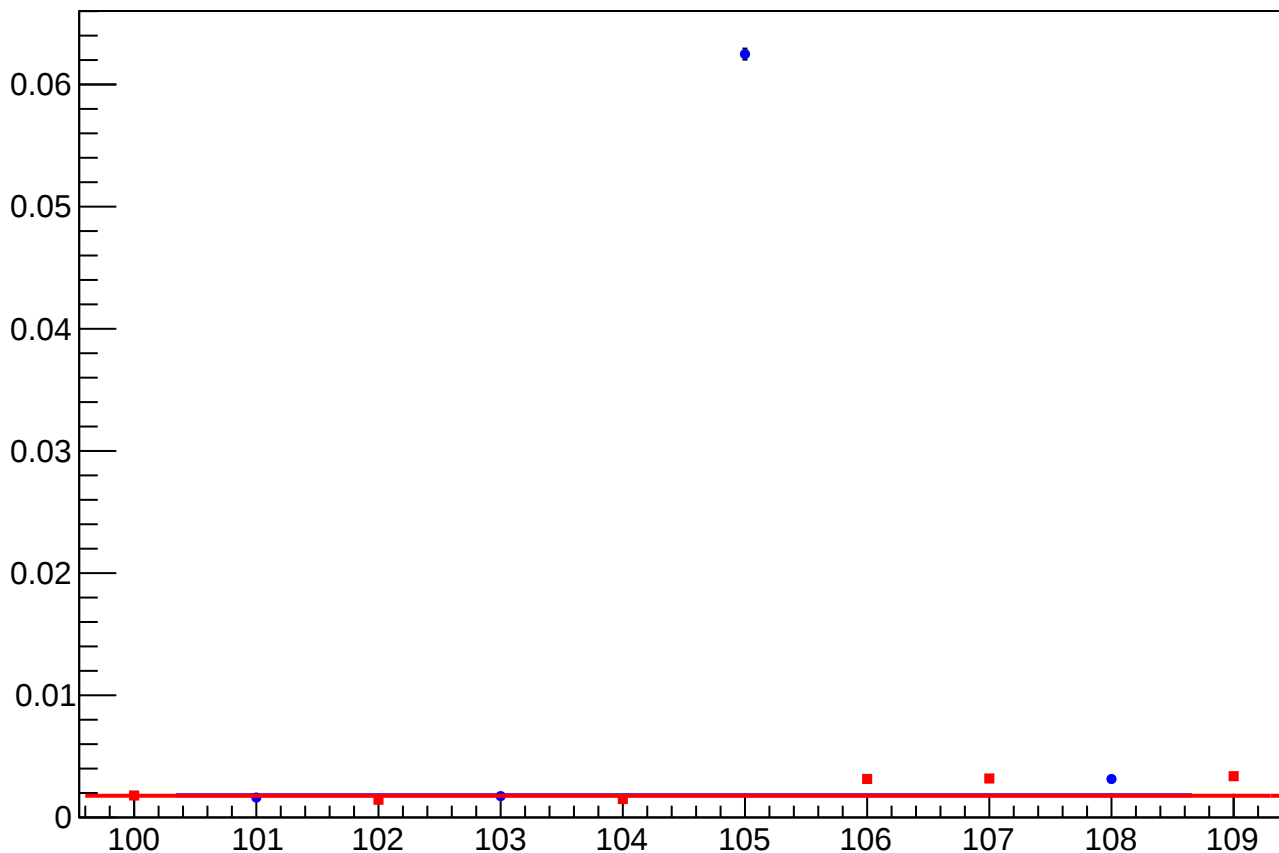
Right Out: -1.346+/-0.000 χ^2/NDF : 4929503740.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.288+/-0.000 χ^2/NDF : 845934855.6/3

-1.346+/-0.000 χ^2/NDF : 4929503740.2/5

yield_bpm0i01Y_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 153912.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

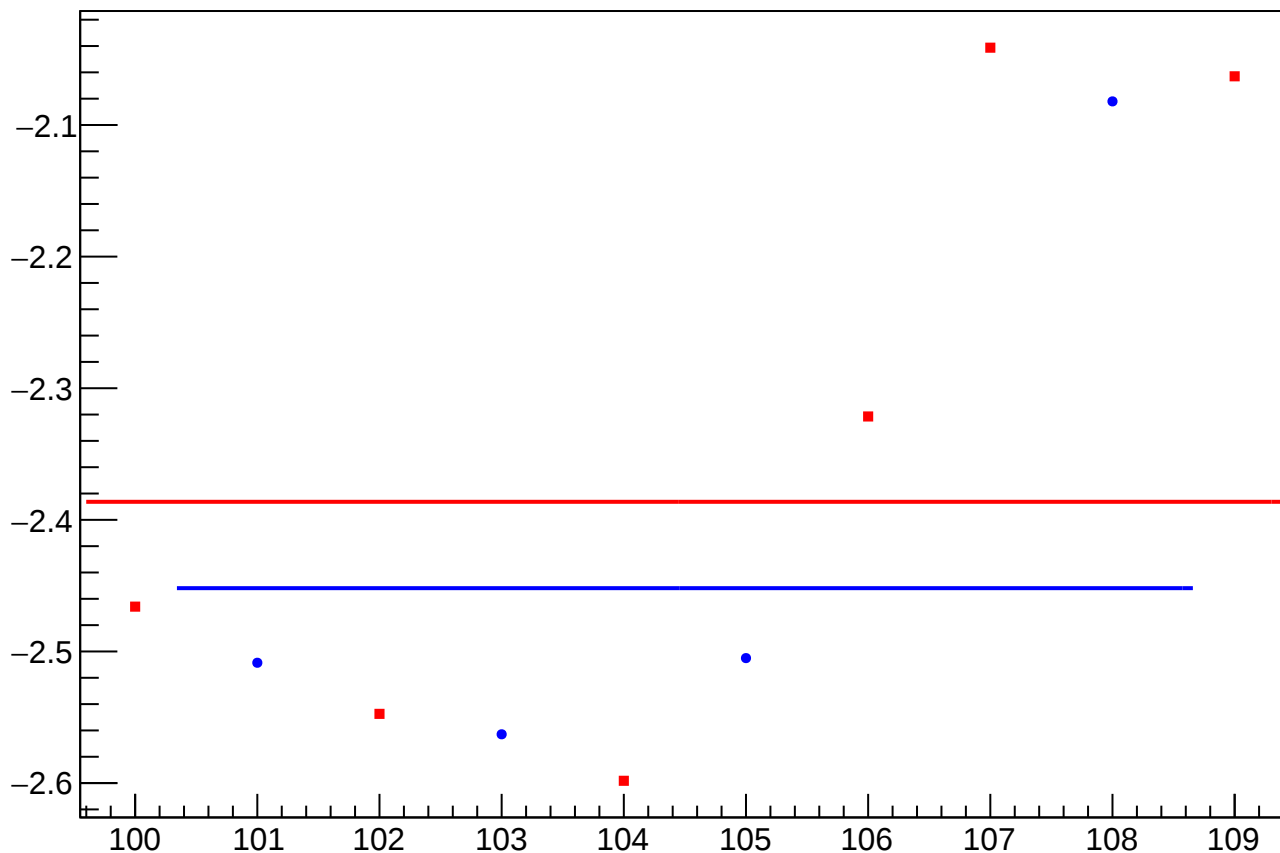
Right Out: 0.002+/-0.000 χ^2/NDF : 464255.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 153912.1/3

0.002+/-0.000 χ^2/NDF : 464255.8/5

yield_bpm0i01aX_mean vs slug



Right In: -2.452+/-0.000 χ^2/NDF : 1317979802.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

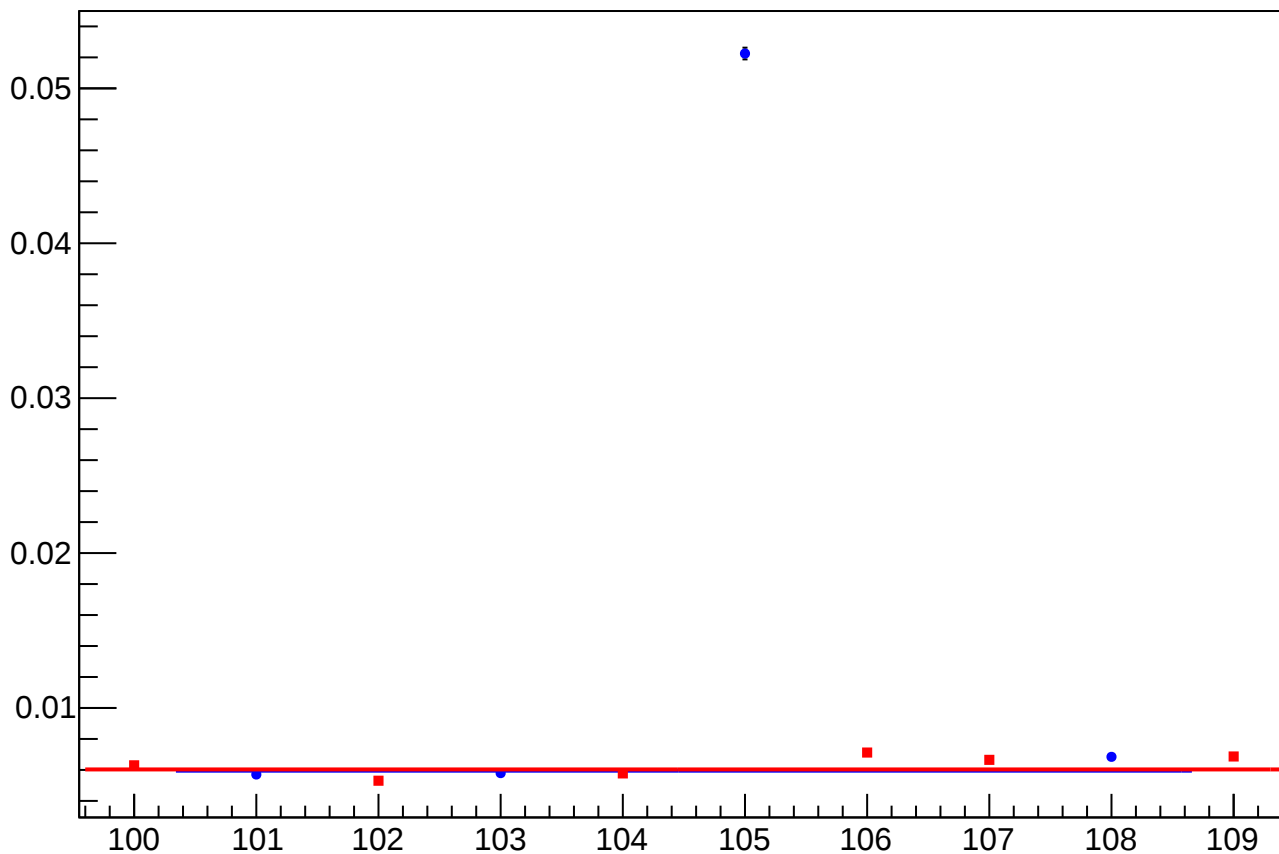
Right Out: -2.386+/-0.000 χ^2/NDF : 3227559303.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.452+/-0.000 χ^2/NDF : 1317979802.8/3

-2.386+/-0.000 χ^2/NDF : 3227559303.1/5

yield_bpm0i01aX_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 30288.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

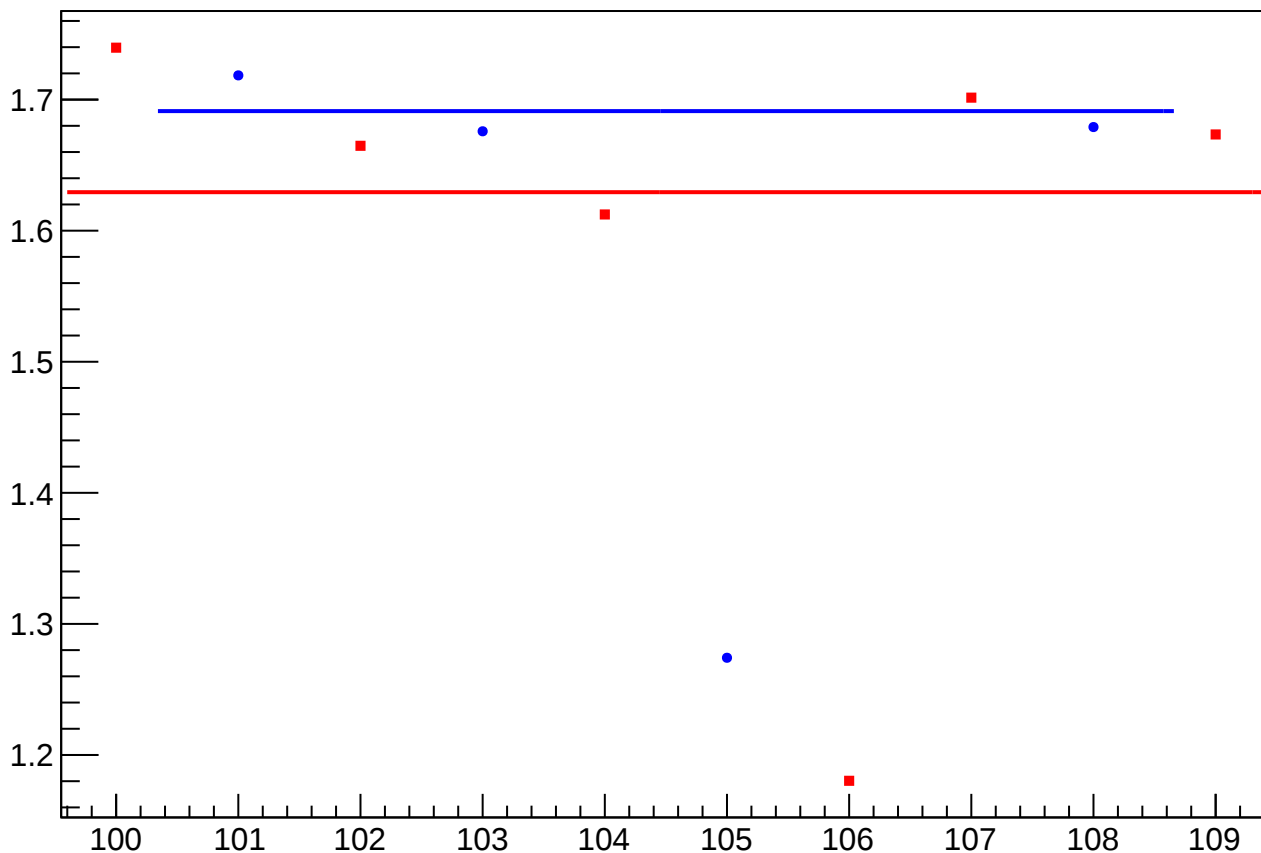
Right Out: 0.006+/-0.000 χ^2/NDF : 51660.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 30288.4/3

0.006+/-0.000 χ^2/NDF : 51660.2/5

yield_bpm0i01aY_mean vs slug



Right In: 1.691+/-0.000 χ^2/NDF : 114669556.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

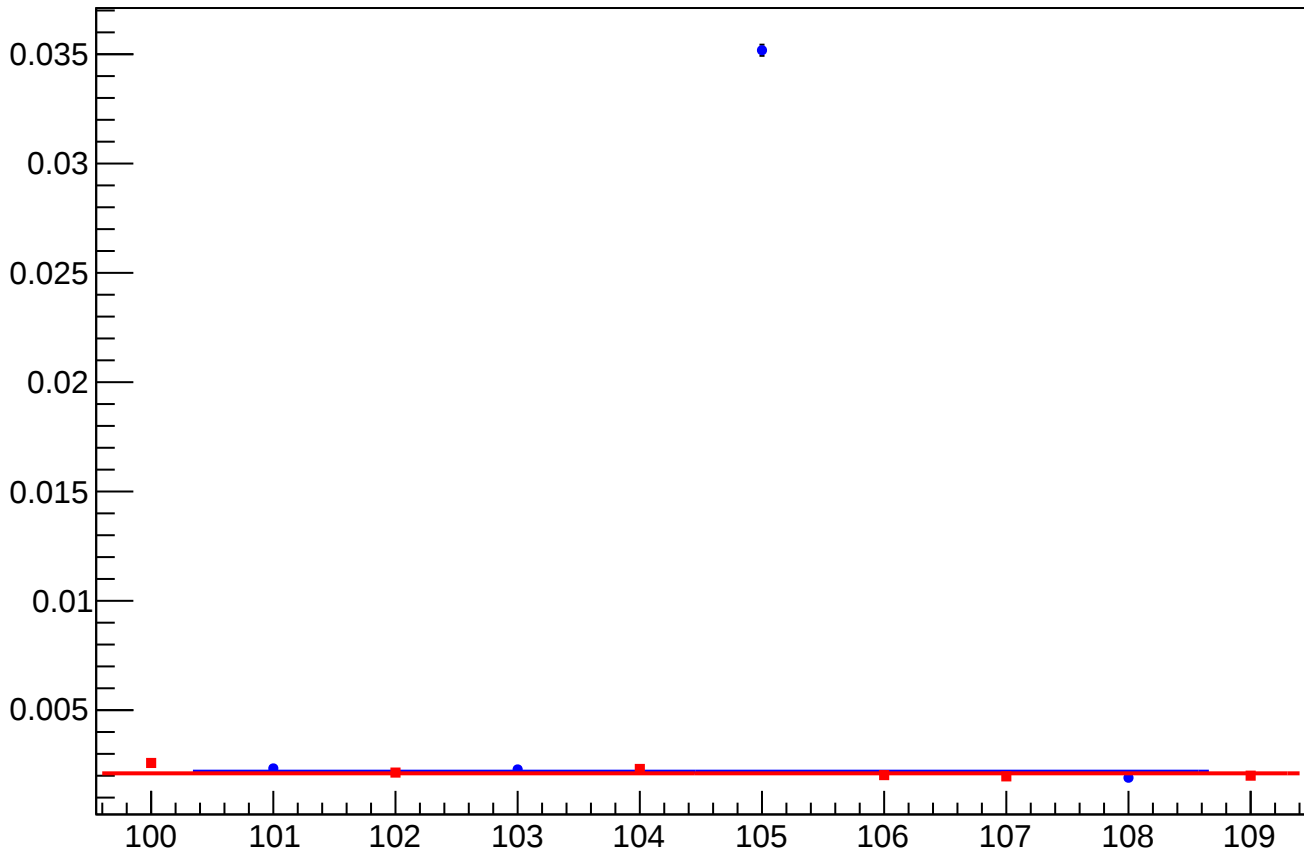
Right Out: 1.629+/-0.000 χ^2/NDF : 7705422391.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.691+/-0.000 χ^2/NDF : 114669556.6/3

1.629+/-0.000 χ^2/NDF : 7705422391.4/5

yield_bpm0i01aY_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 38038.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

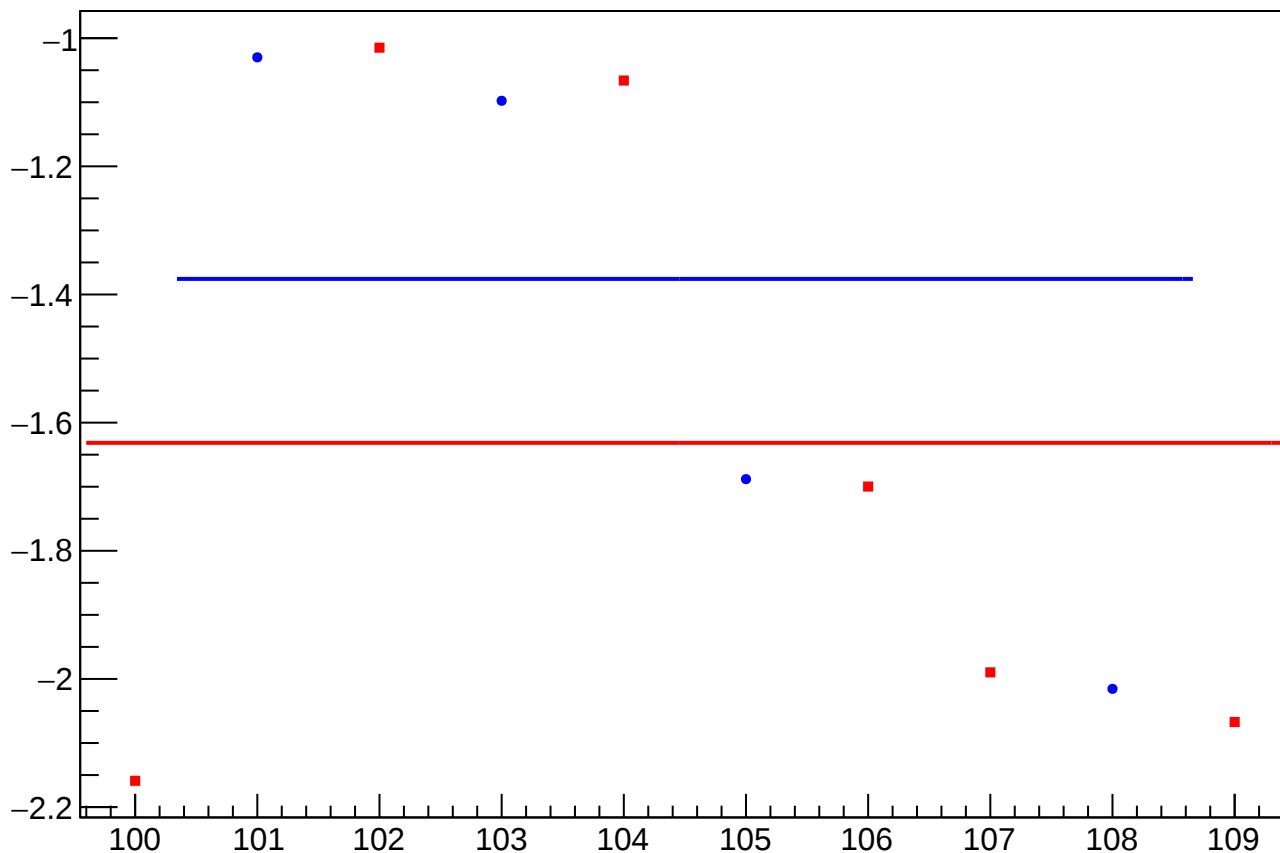
Right Out: 0.002+/-0.000 χ^2/NDF : 18471.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 38038.5/3

0.002+/-0.000 χ^2/NDF : 18471.5/5

yield_bpm0l01X_mean vs slug



Right In: -1.376+/-0.000 χ^2/NDF : 6372595974.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

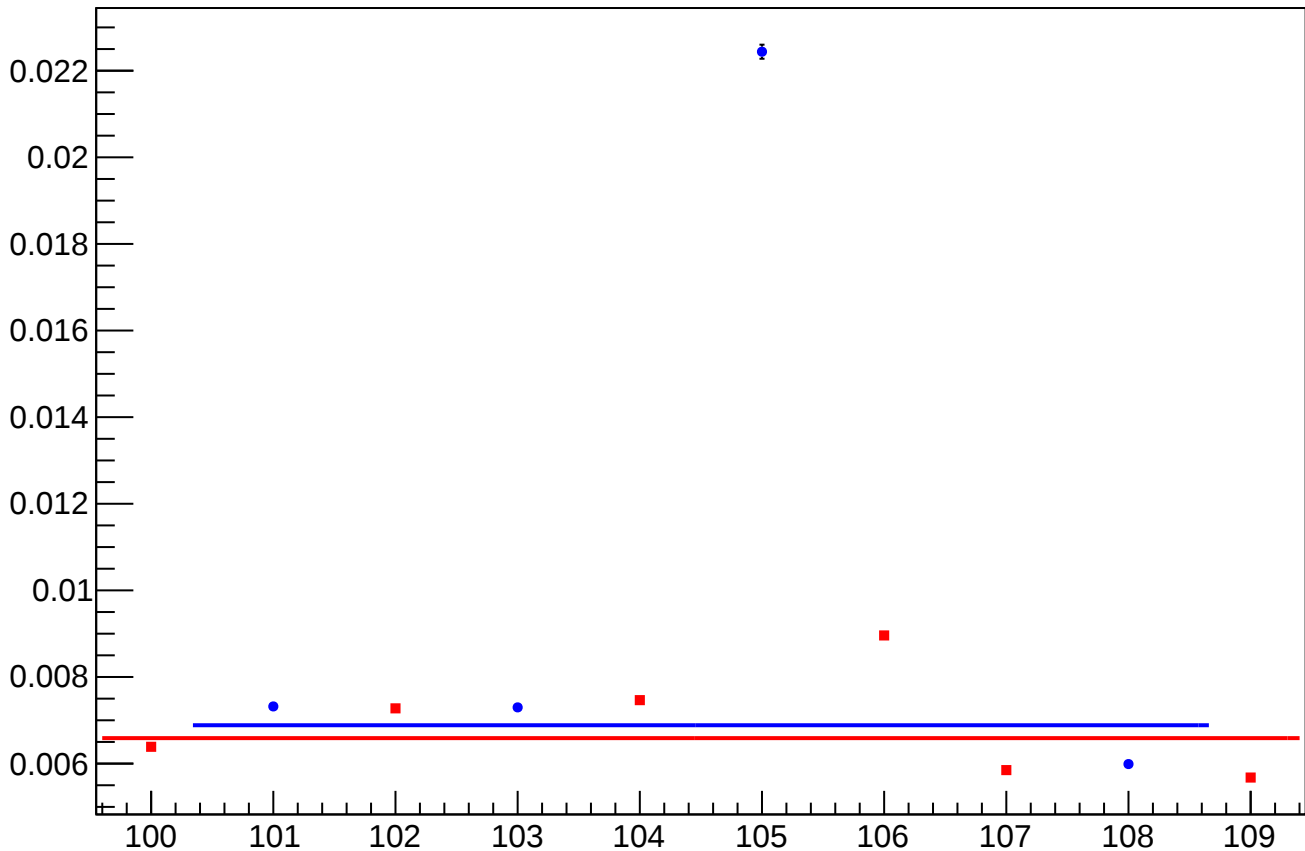
Right Out: -1.632+/-0.000 χ^2/NDF : 11265752646.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.376+/-0.000 χ^2/NDF : 6372595974.7/3

-1.632+/-0.000 χ^2/NDF : 11265752646.2/5

yield_bpm0l01X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 33562.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

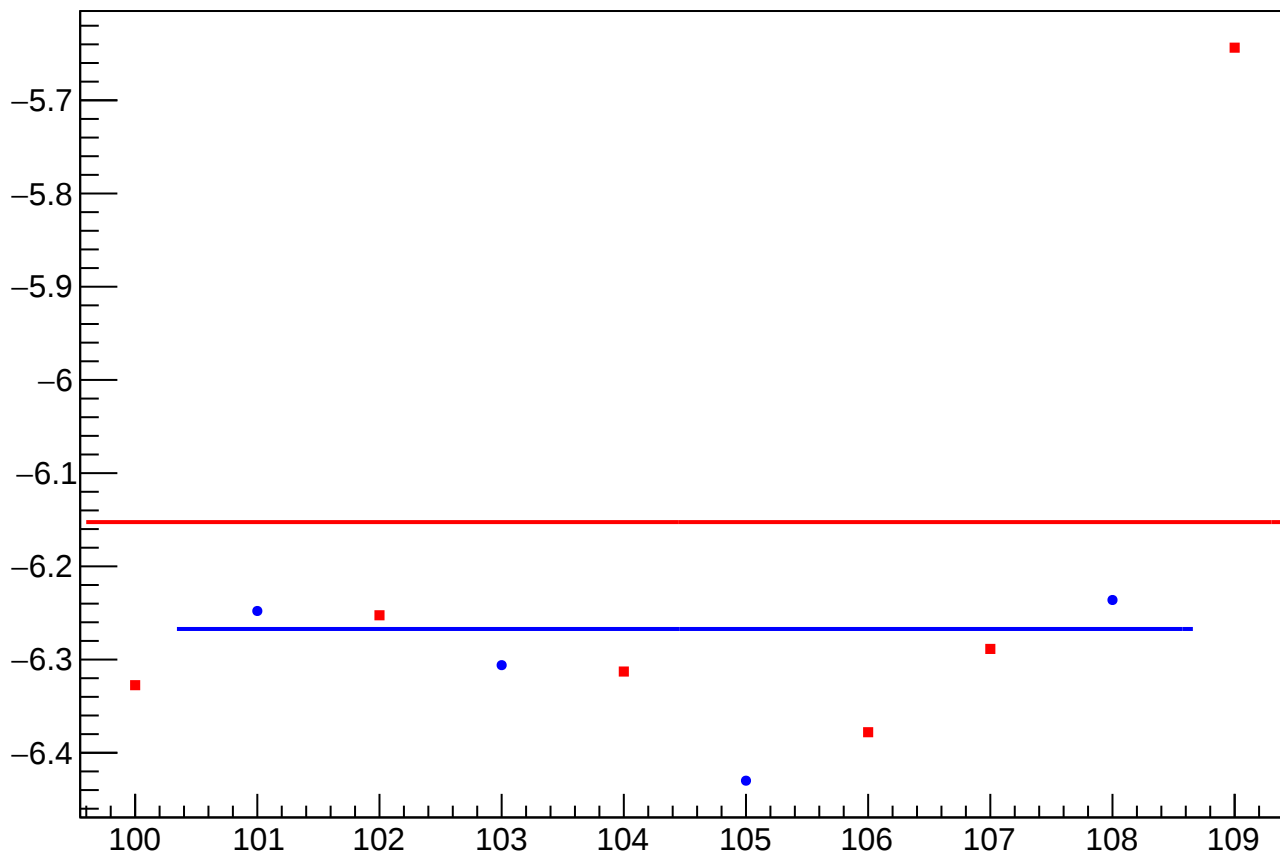
Right Out: 0.007+/-0.000 χ^2/NDF : 90582.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 33562.3/3

0.007+/-0.000 χ^2/NDF : 90582.1/5

yield_bpm0l01Y_mean vs slug



Right In: -6.267+/-0.000 χ^2/NDF : 49743602.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

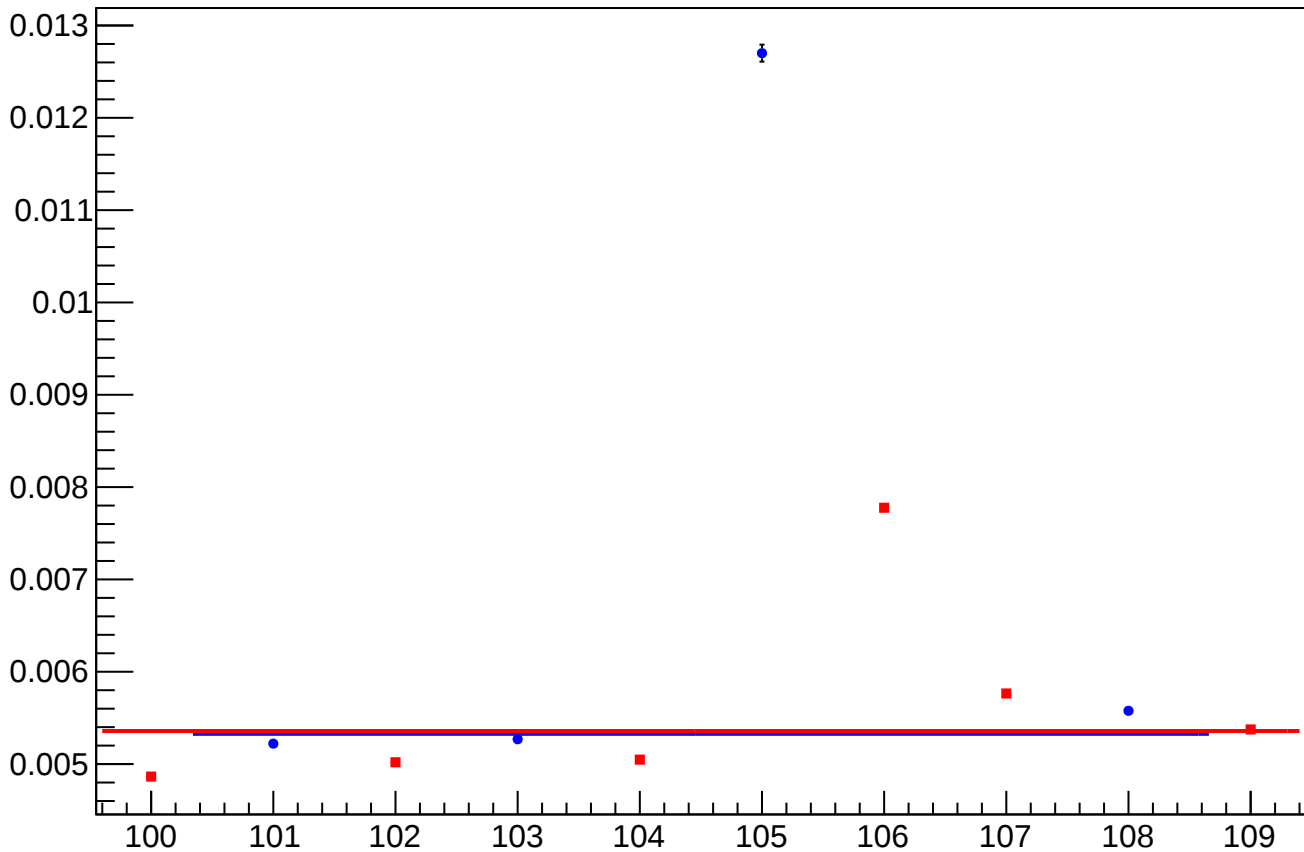
Right Out: -6.153+/-0.000 χ^2/NDF : 5167634185.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.267+/-0.000 χ^2/NDF : 49743602.0/3

-6.153+/-0.000 χ^2/NDF : 5167634185.8/5

yield_bpm0l01Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 8469.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

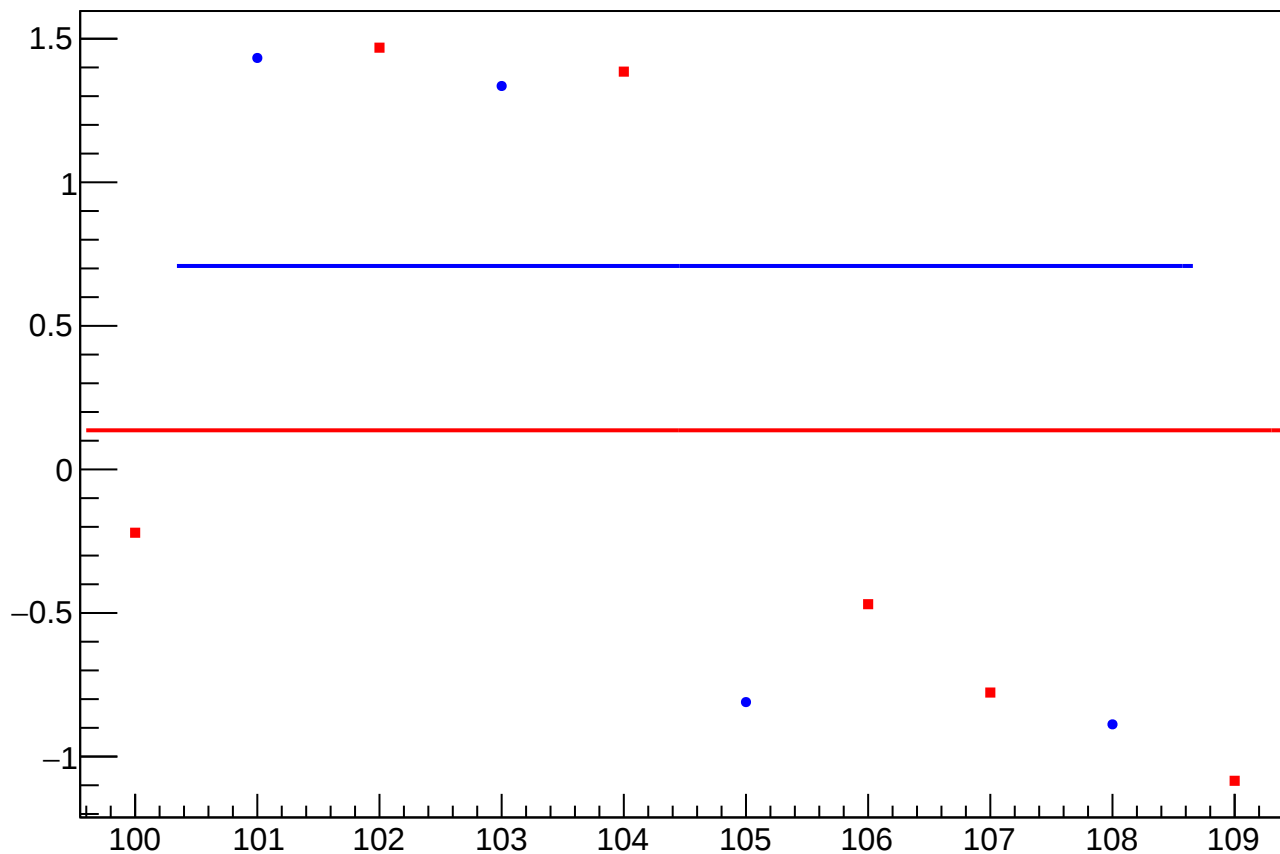
Right Out: 0.005+/-0.000 χ^2/NDF : 60443.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 8469.3/3

0.005+/-0.000 χ^2/NDF : 60443.2/5

yield_bpm0l02X_mean vs slug



Right In: 0.709 $\pm$ 0.000 χ^2 /NDF: 8022293453.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

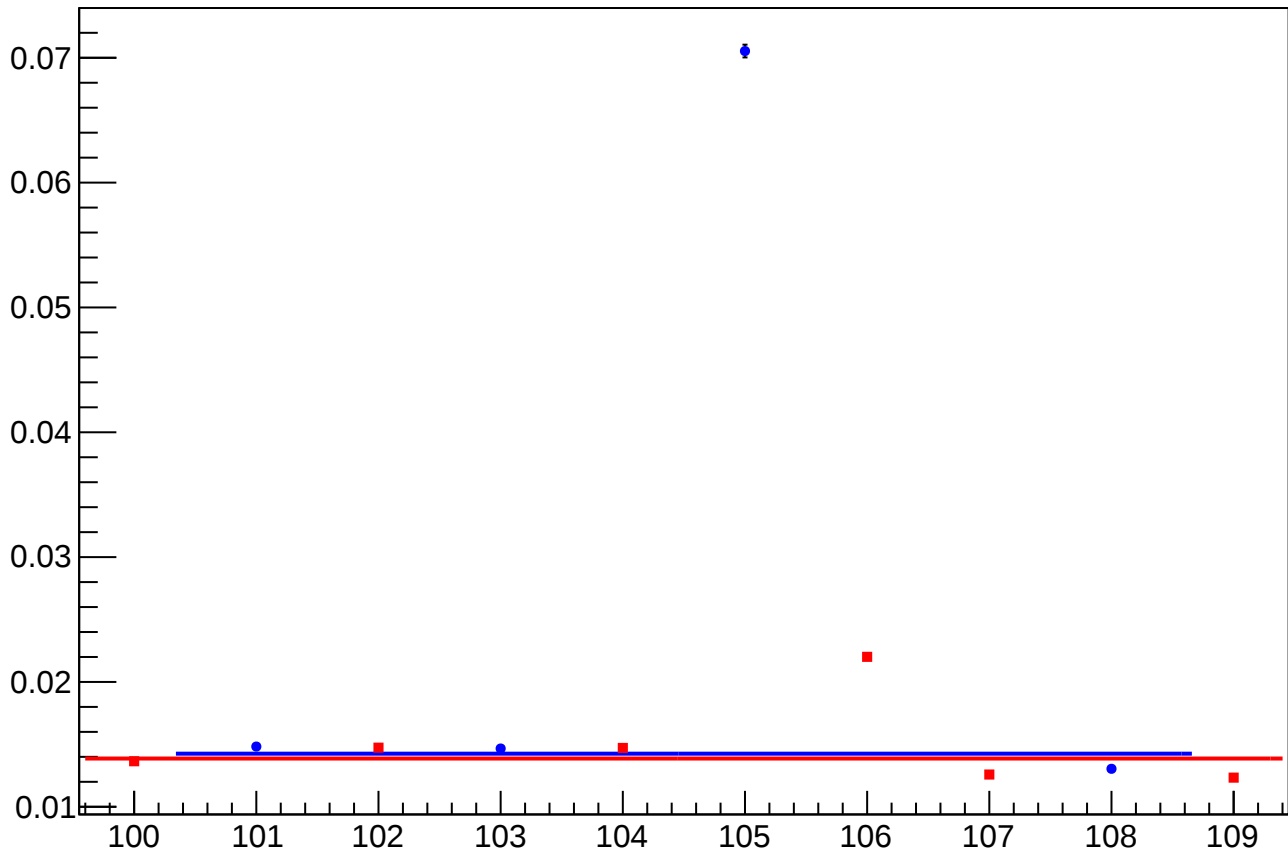
Right Out: 0.136 $\pm$ 0.000 χ^2 /NDF: 14549621740.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.709 $\pm$ 0.000 χ^2 /NDF: 8022293453.5/3

0.136 $\pm$ 0.000 χ^2 /NDF: 14549621740.6/5

yield_bpm0l02X_rms vs slug



Right In: 0.014+/-0.000 χ^2/NDF : 21195.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

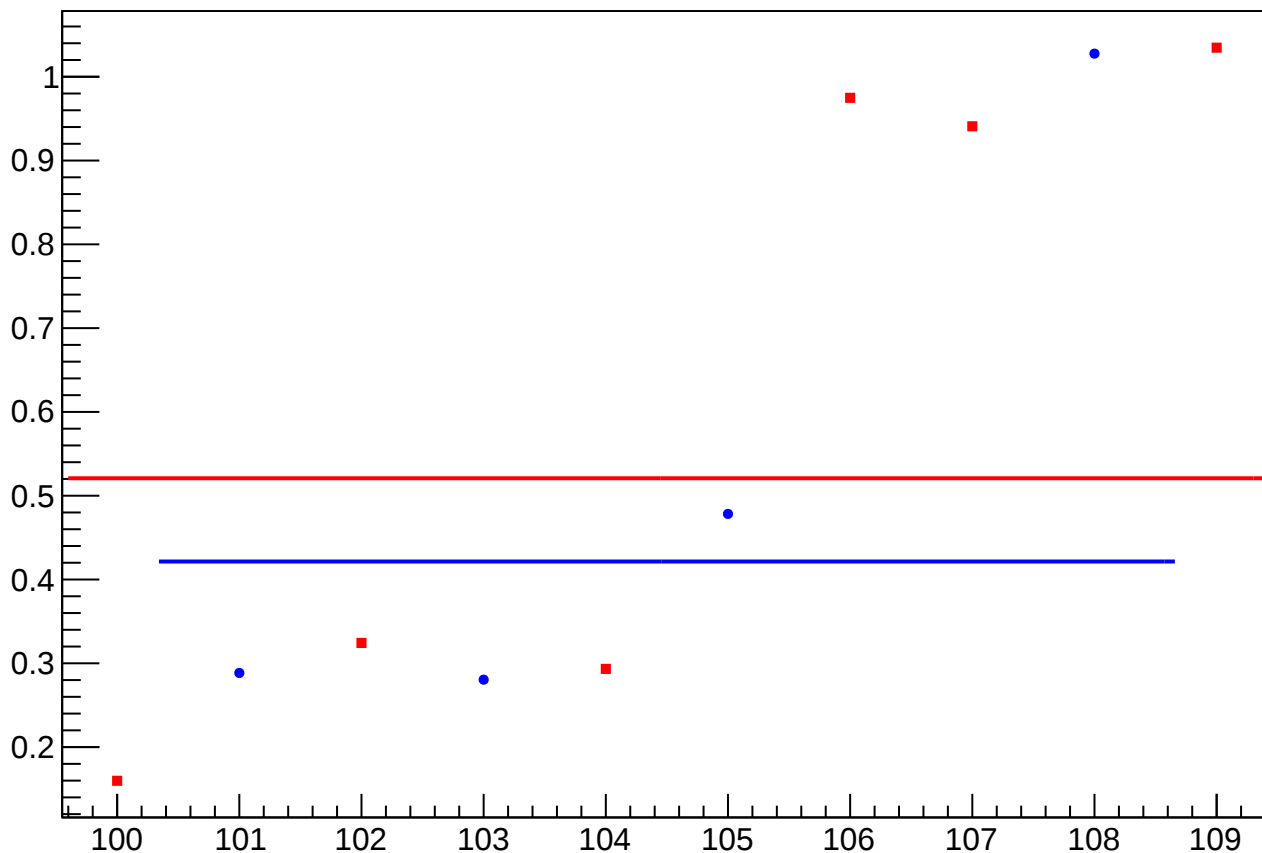
Right Out: 0.014+/-0.000 χ^2/NDF : 85759.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 21195.7/3

0.014+/-0.000 χ^2/NDF : 85759.5/5

yield_bpm0l02Y_mean vs slug



Right In: 0.421+/-0.000 χ^2/NDF : 2474096478.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

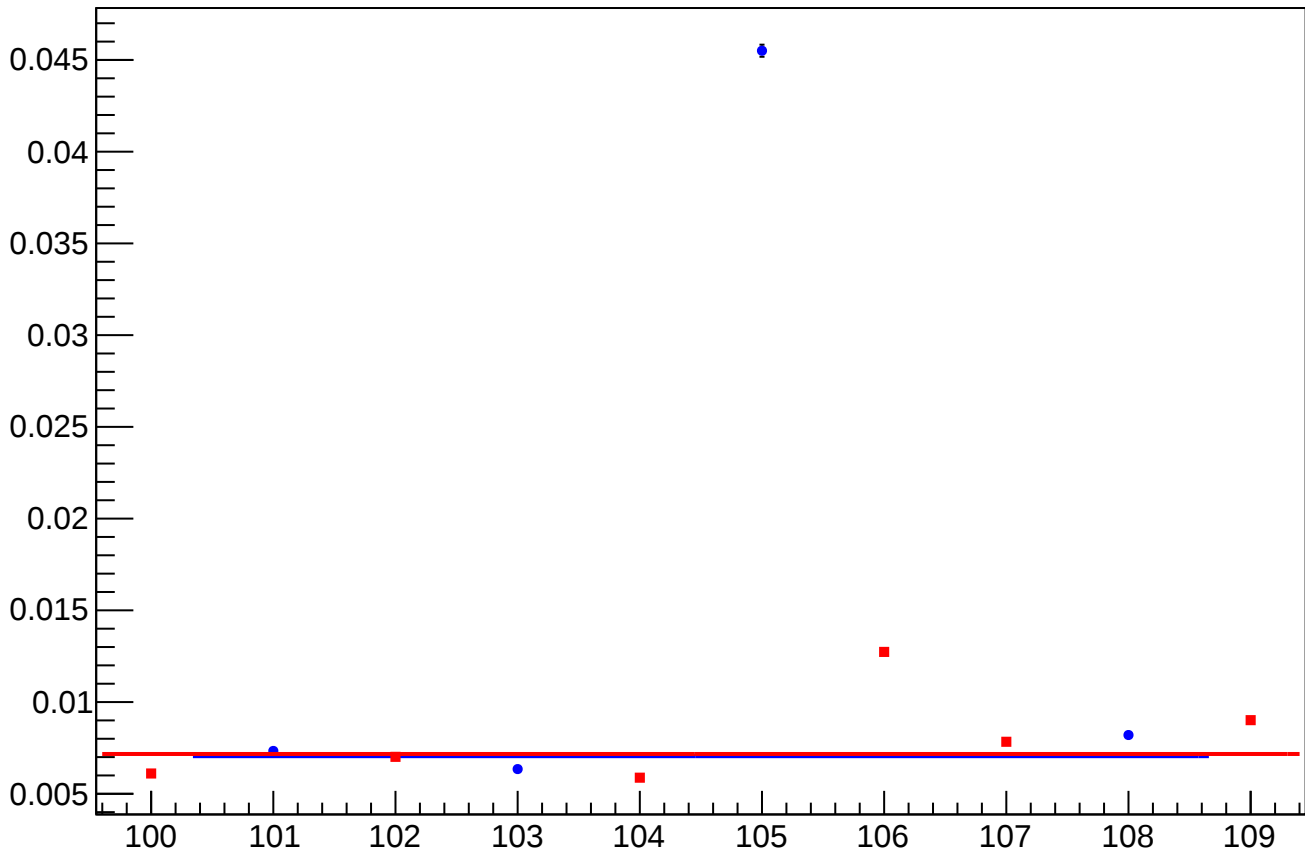
Right Out: 0.521+/-0.000 χ^2/NDF : 4088858315.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.421+/-0.000 χ^2/NDF : 2474096478.4/3

0.521+/-0.000 χ^2/NDF : 4088858315.0/5

yield_bpm0l02Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 43353.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

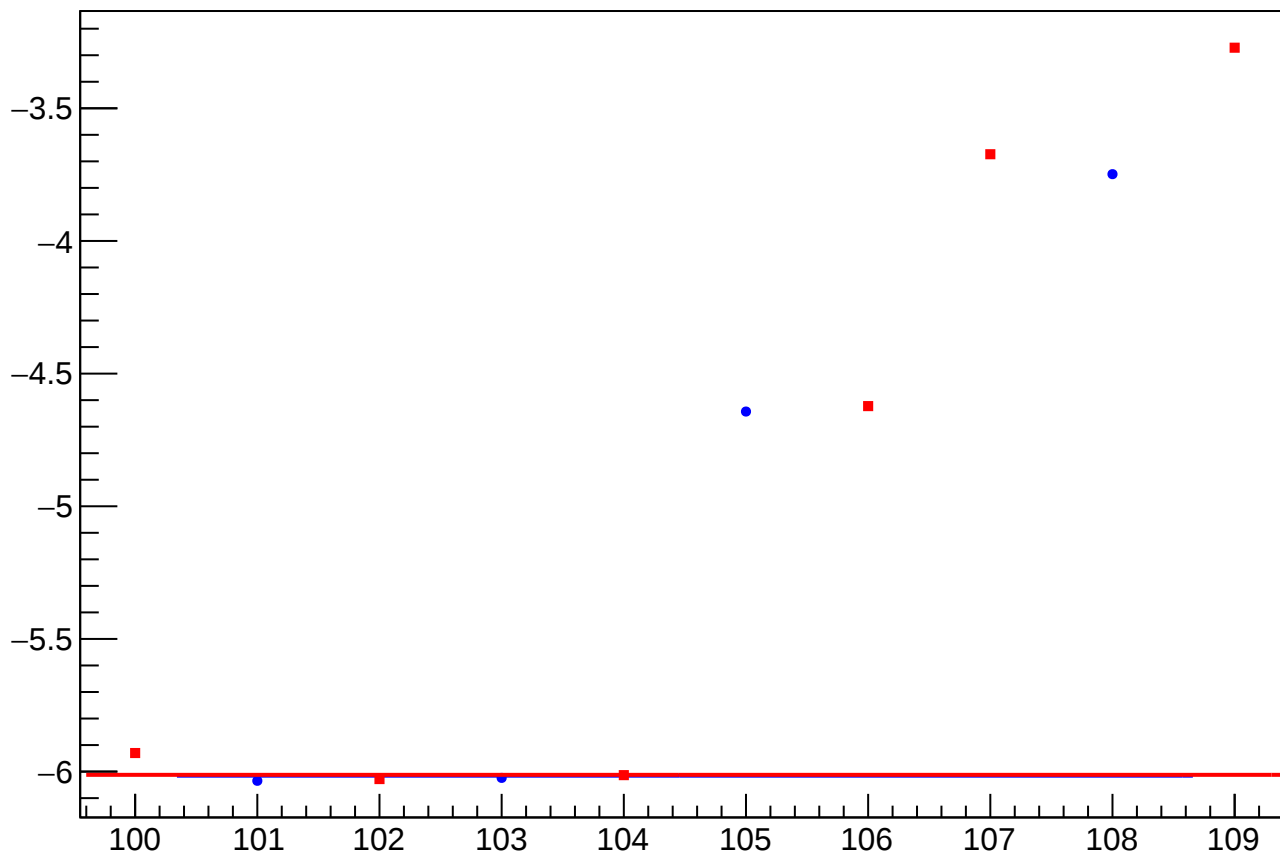
0.007+/-0.000 χ^2/NDF : 43353.8/3

Right Out: 0.007+/-0.000 χ^2/NDF : 167566.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 167566.8/5

yield_bpm0l03X_mean vs slug



Right In: -6.015+/-0.000 χ^2/NDF : 1365204310.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

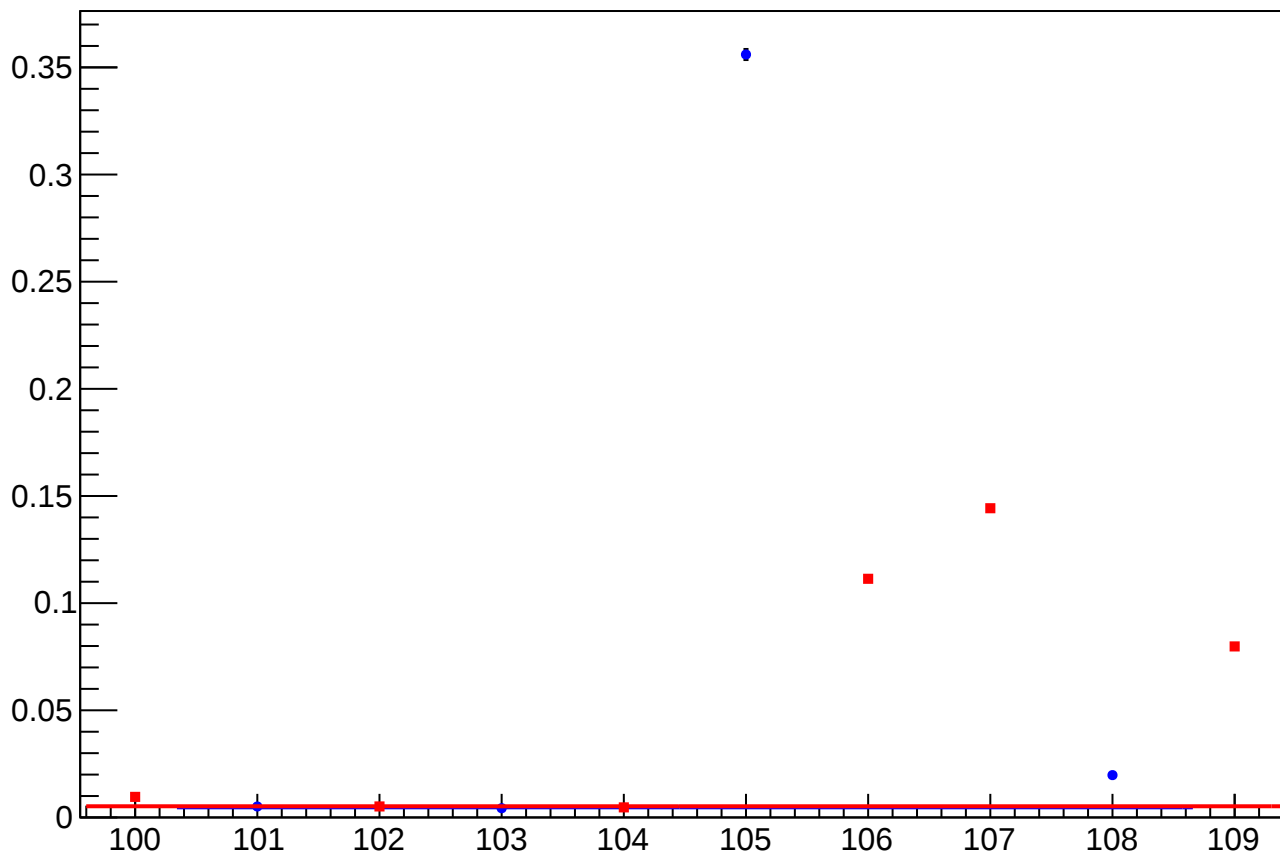
Right Out: -6.012+/-0.000 χ^2/NDF : 672690106.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.015+/-0.000 χ^2/NDF : 1365204310.5/3

-6.012+/-0.000 χ^2/NDF : 672690106.1/5

yield_bpm0l03X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 152563.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

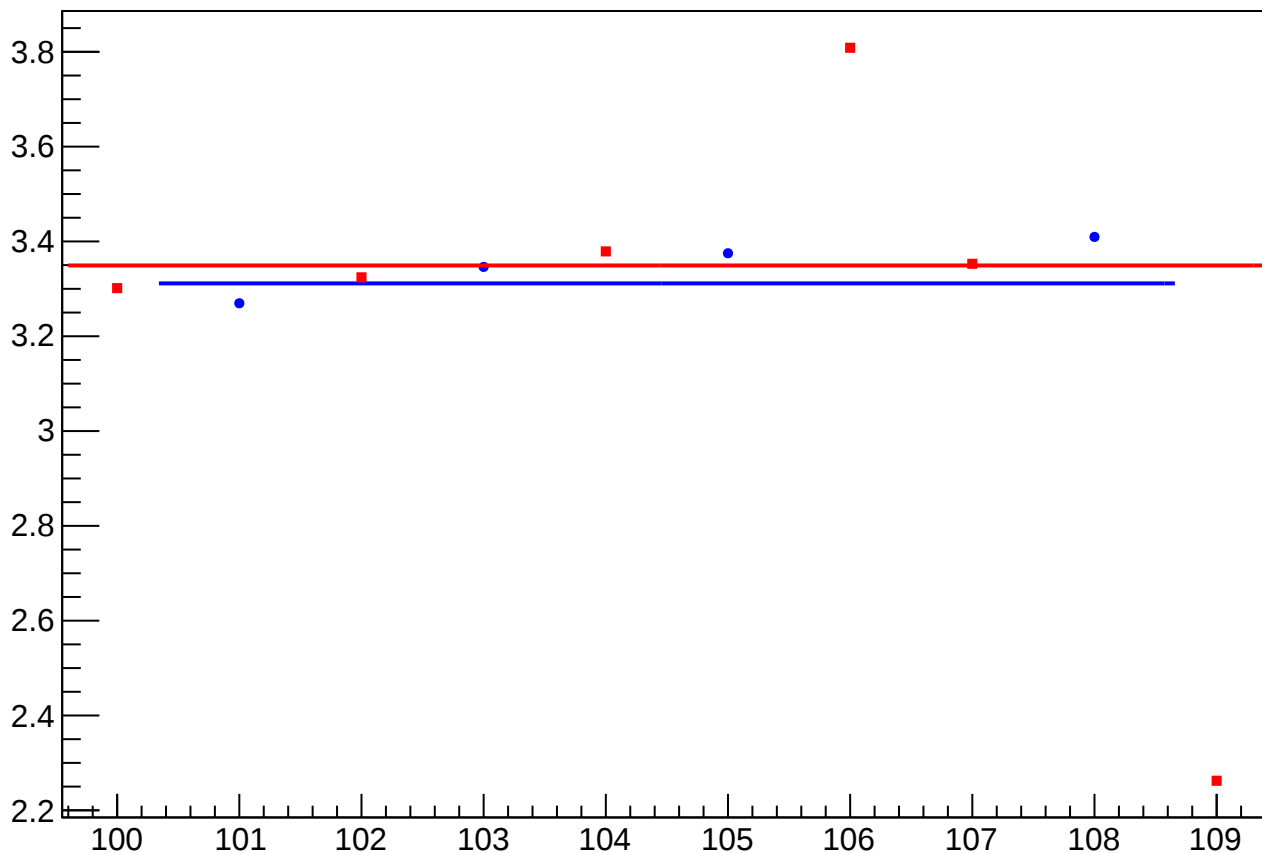
Right Out: 0.005+/-0.000 χ^2/NDF : 1911058.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 152563.3/3

0.005+/-0.000 χ^2/NDF : 1911058.7/5

yield_bpm0l03Y_mean vs slug



Right In: 3.311+/-0.000 χ^2/NDF : 41947004.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

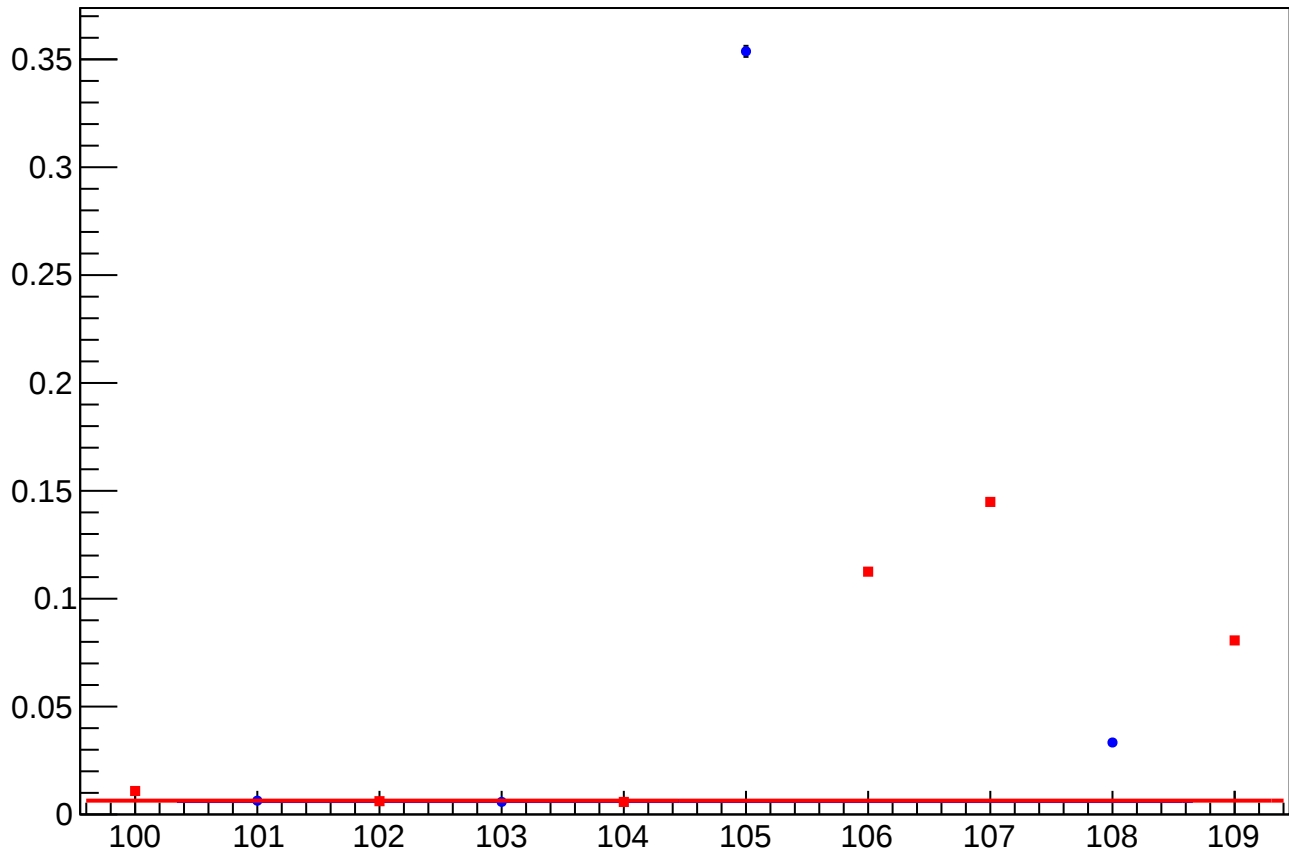
Right Out: 3.349+/-0.000 χ^2/NDF : 107126882.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.311+/-0.000 χ^2/NDF : 41947004.4/3

3.349+/-0.000 χ^2/NDF : 107126882.9/5

yield_bpm0l03Y_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 230663.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

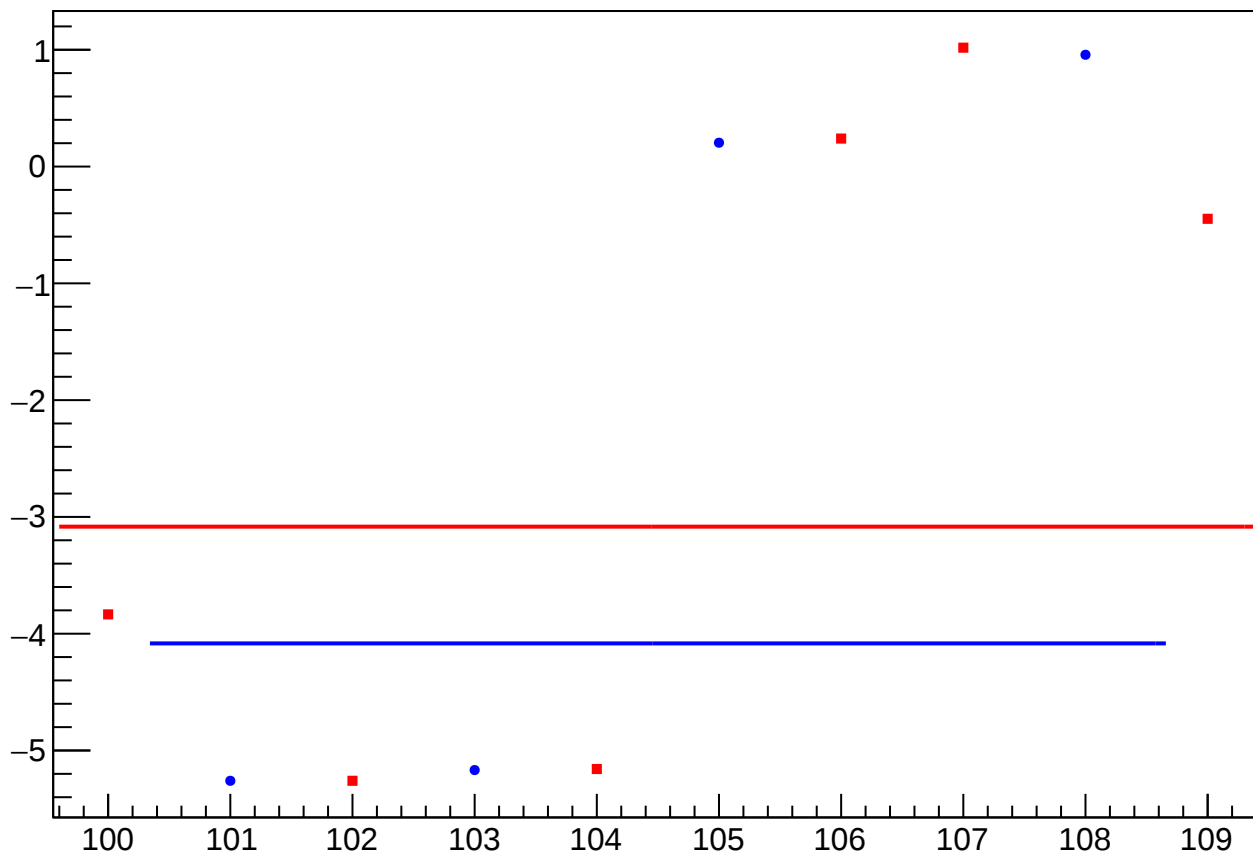
Right Out: 0.006+/-0.000 χ^2/NDF : 1858610.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 230663.6/3

0.006+/-0.000 χ^2/NDF : 1858610.6/5

yield_bpm0l04X_mean vs slug



Right In: -4.083+/-0.000 χ^2/NDF : 54311080775.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

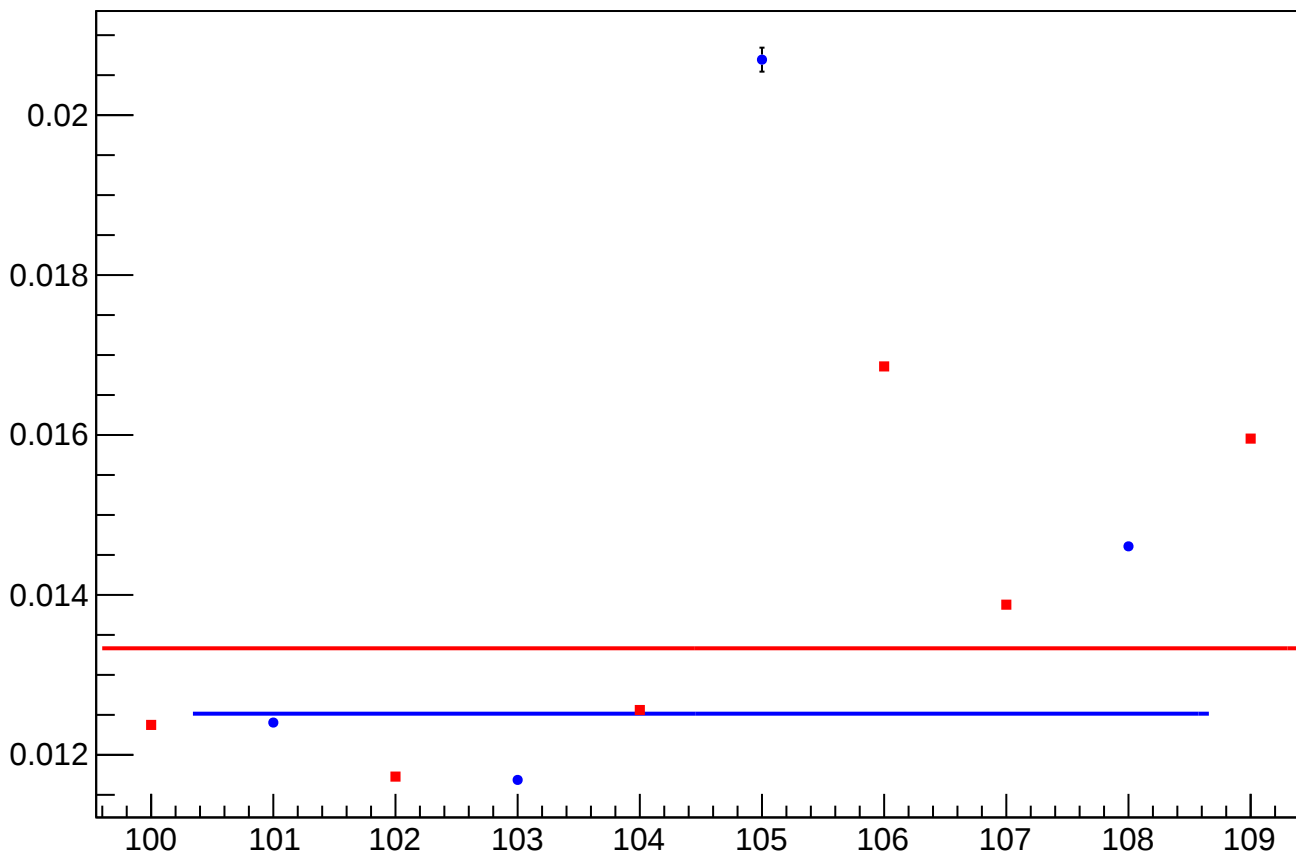
Right Out: -3.083+/-0.000 χ^2/NDF : 85116743351.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.083+/-0.000 χ^2/NDF : 54311080775.3/3

-3.083+/-0.000 χ^2/NDF : 85116743351.1/5

yield_bpm0l04X_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 23829.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

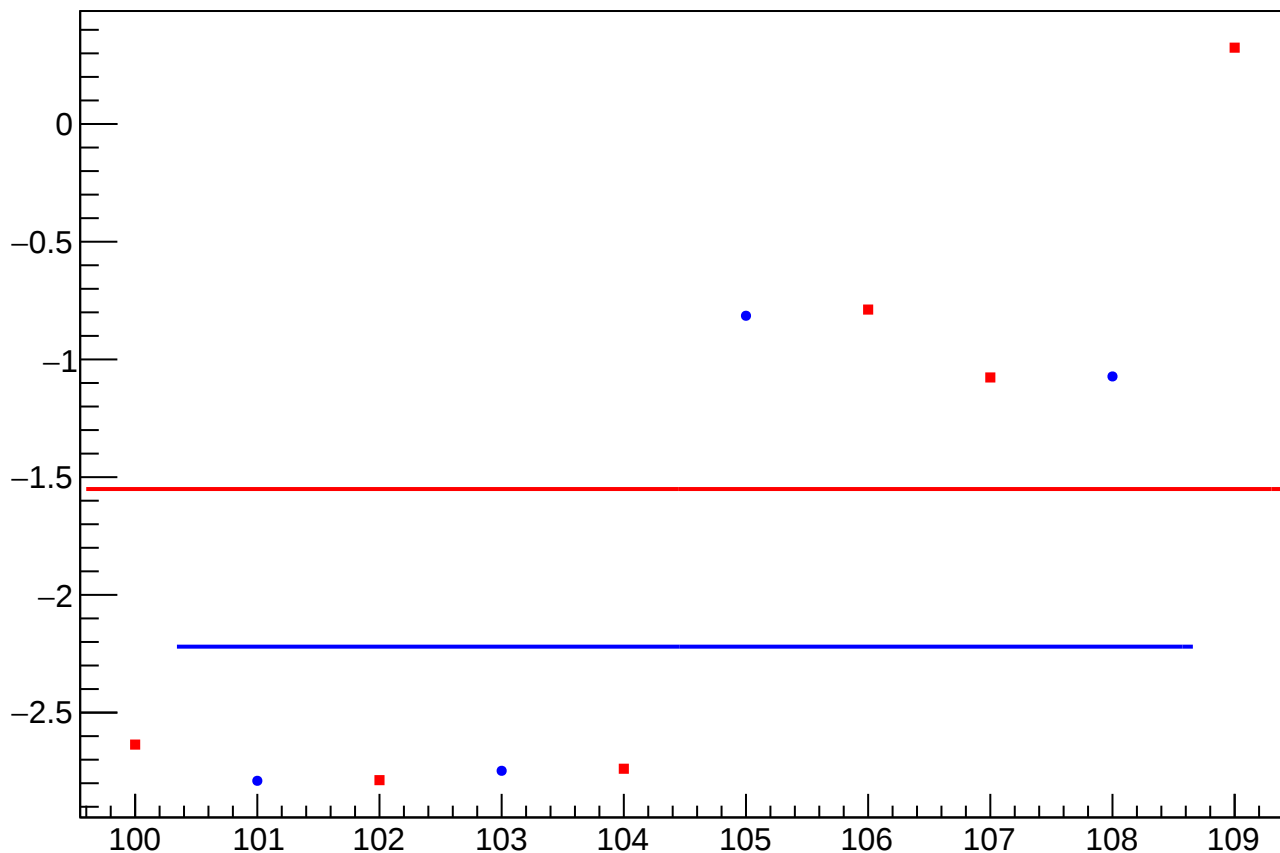
Right Out: 0.013+/-0.000 χ^2/NDF : 74658.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 23829.4/3

0.013+/-0.000 χ^2/NDF : 74658.2/5

yield_bpm0l04Y_mean vs slug



Right In: -2.220+/-0.000 χ^2/NDF : 70337747911.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

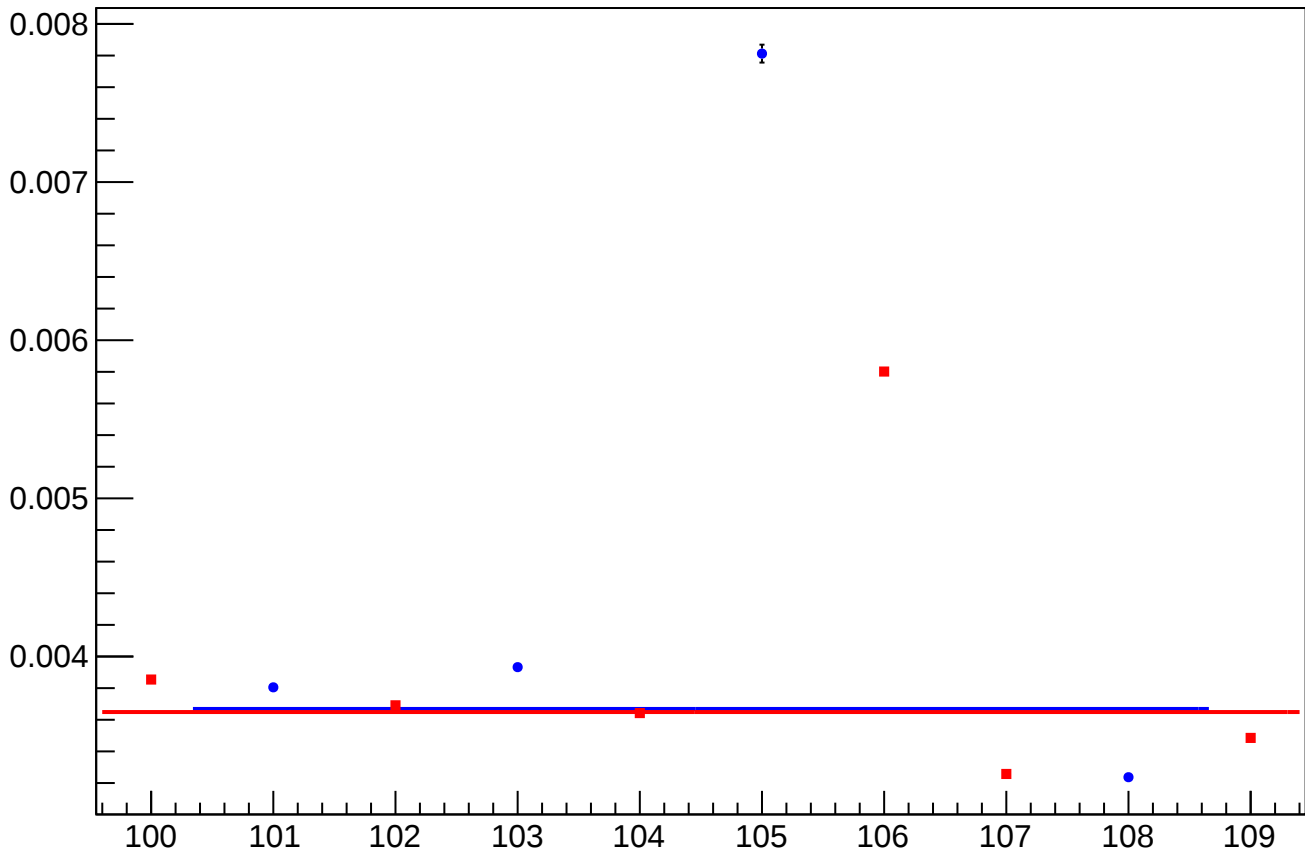
Right Out: -1.550+/-0.000 χ^2/NDF : 270305293185.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.220+/-0.000 χ^2/NDF : 70337747911.8/3

-1.550+/-0.000 χ^2/NDF : 270305293185.6/5

yield_bpm0l04Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 25178.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

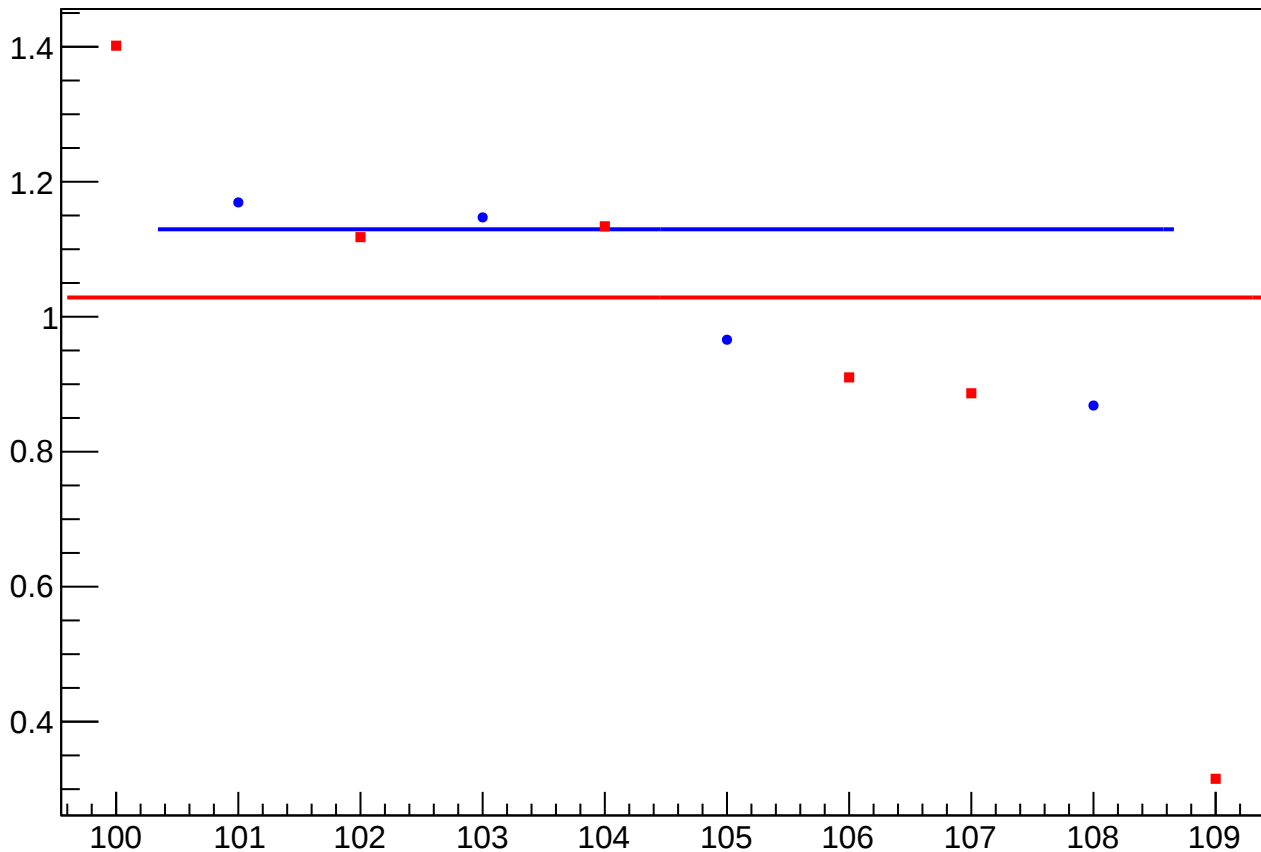
Right Out: 0.004+/-0.000 χ^2/NDF : 87168.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 25178.8/3

0.004+/-0.000 χ^2/NDF : 87168.1/5

yield_bpm0l05X_mean vs slug



Right In: 1.130+/-0.000 χ^2/NDF : 540706012.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

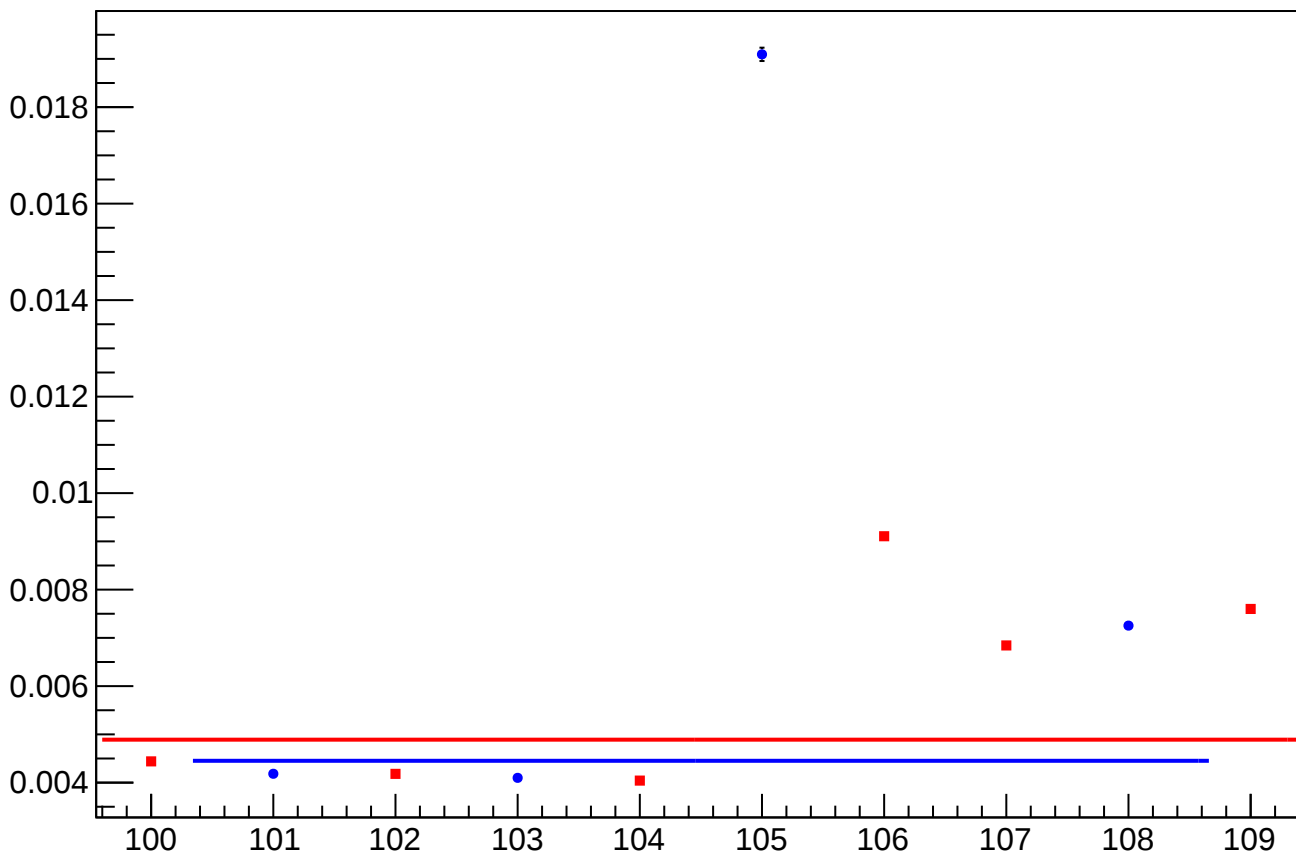
1.130+/-0.000 χ^2/NDF : 540706012.8/3

Right Out: 1.028+/-0.000 χ^2/NDF : 5184560253.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.028+/-0.000 χ^2/NDF : 5184560253.7/5

yield_bpm0l05X_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 134372.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

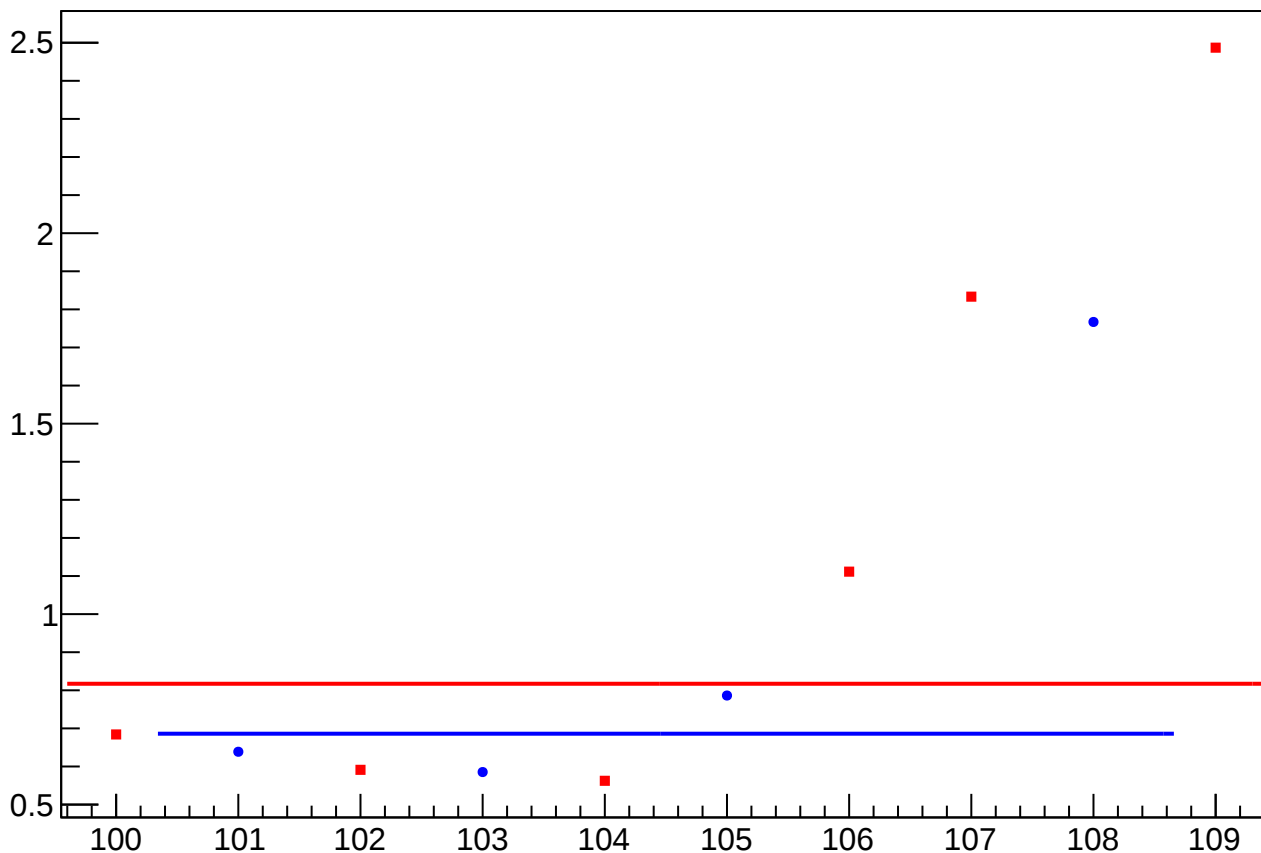
Right Out: 0.005+/-0.000 χ^2/NDF : 341571.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 134372.1/3

0.005+/-0.000 χ^2/NDF : 341571.0/5

yield_bpm0l05Y_mean vs slug



Right In: 0.686+/-0.000 χ^2/NDF : 6706714016.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

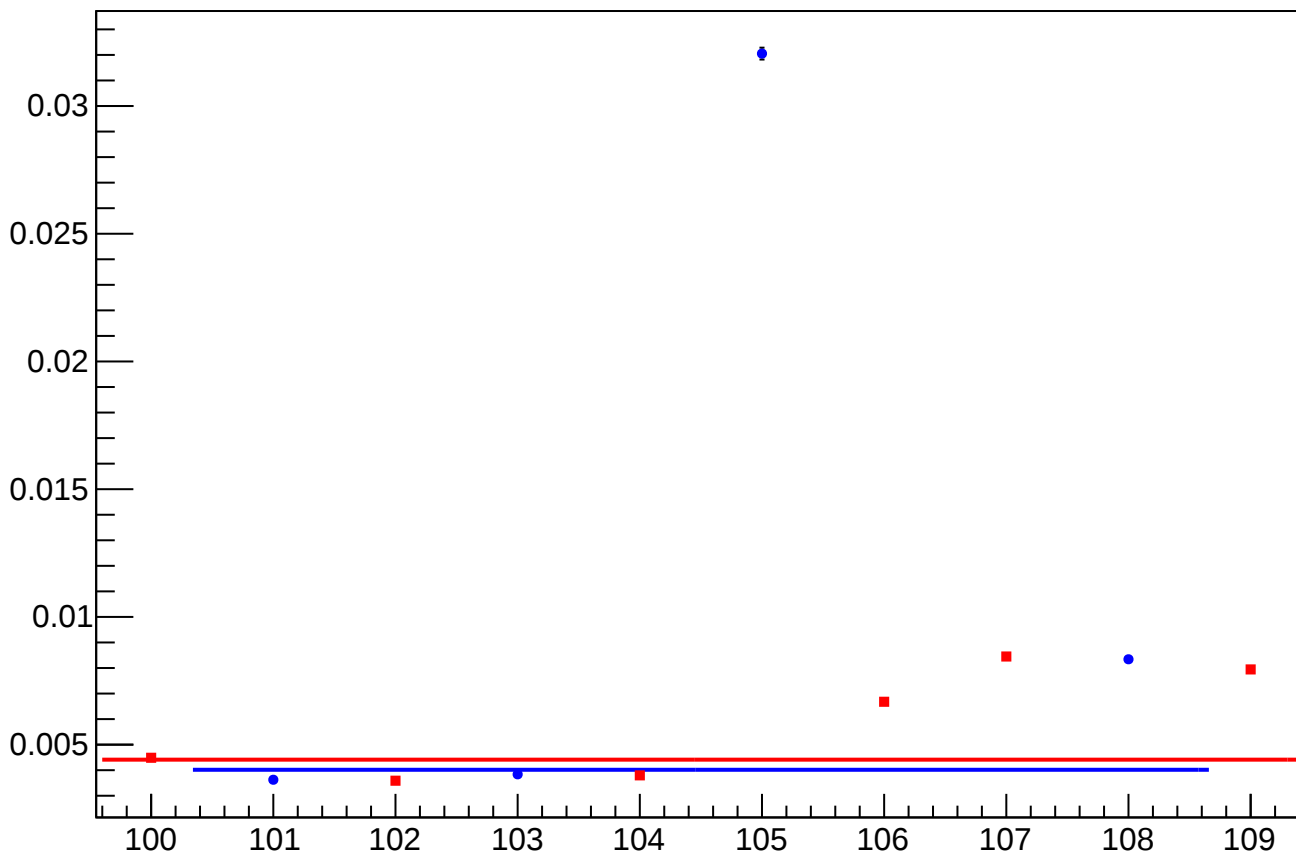
Right Out: 0.817+/-0.000 χ^2/NDF : 29190420969.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.686+/-0.000 χ^2/NDF : 6706714016.8/3

0.817+/-0.000 χ^2/NDF : 29190420969.2/5

yield_bpm0l05Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 229680.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

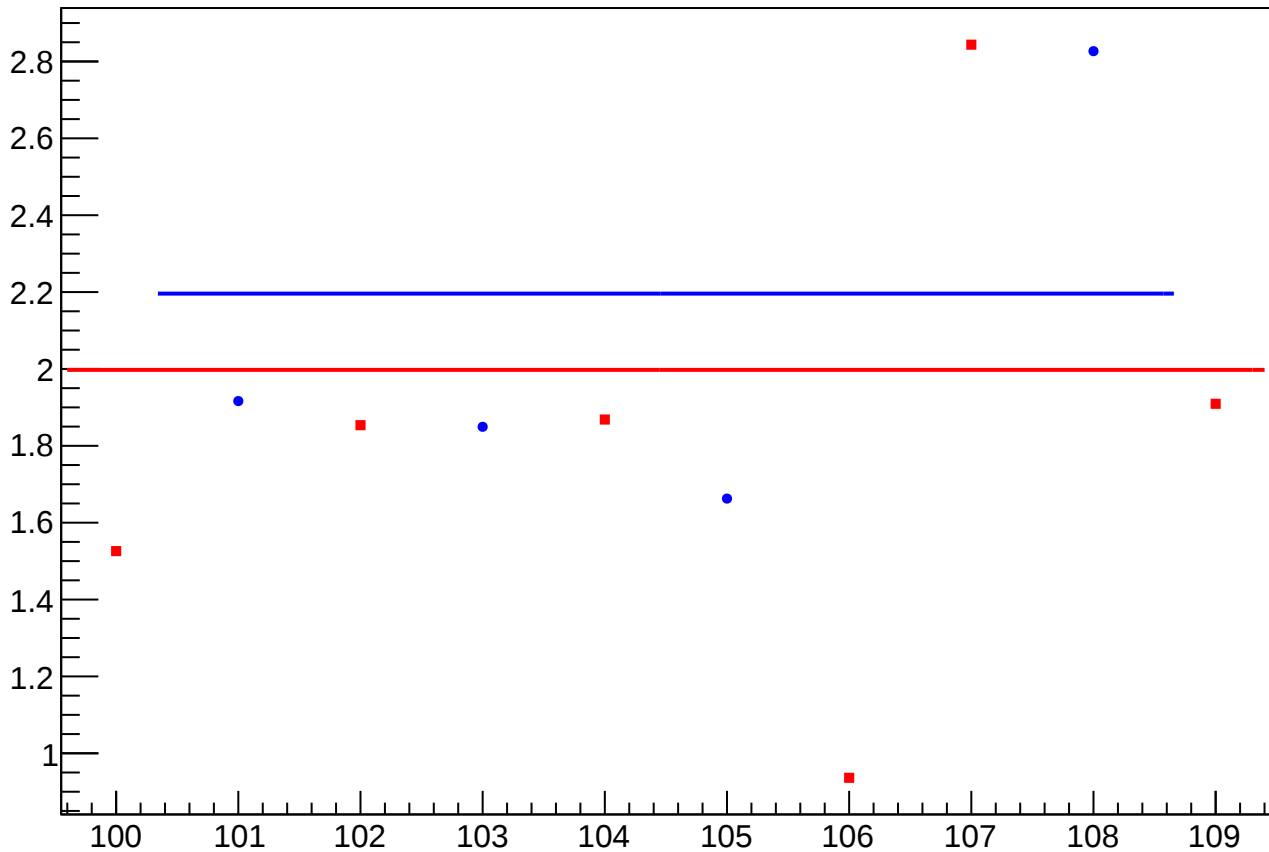
Right Out: 0.004+/-0.000 χ^2/NDF : 452303.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 229680.8/3

0.004+/-0.000 χ^2/NDF : 452303.1/5

yield_bpm0l06X_mean vs slug



Right In: 2.196+/-0.000 χ^2/NDF : 5582864061.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

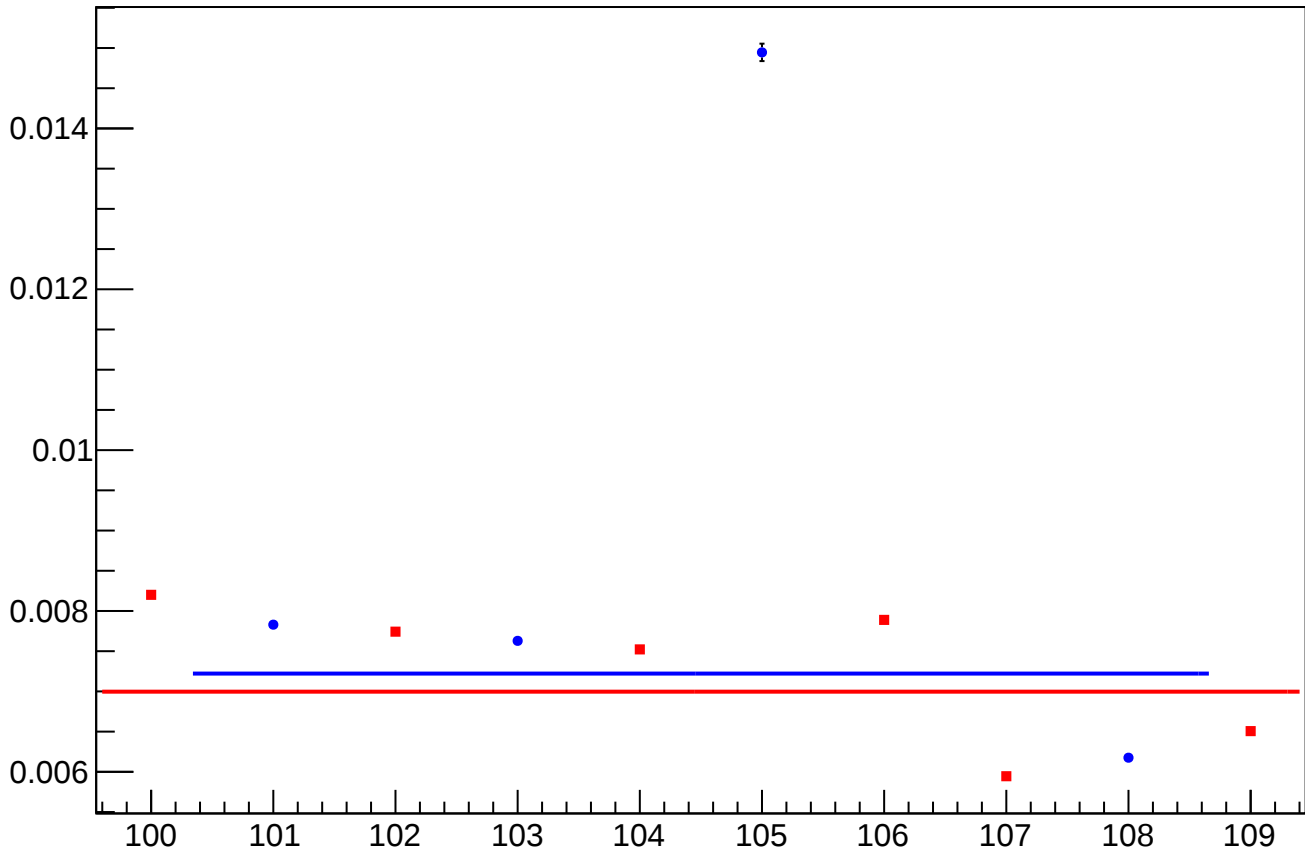
2.196+/-0.000 χ^2/NDF : 5582864061.3/3

Right Out: 1.998+/-0.000 χ^2/NDF : 12405219517.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.998+/-0.000 χ^2/NDF : 12405219517.1/5

yield_bpm0l06X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 35387.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

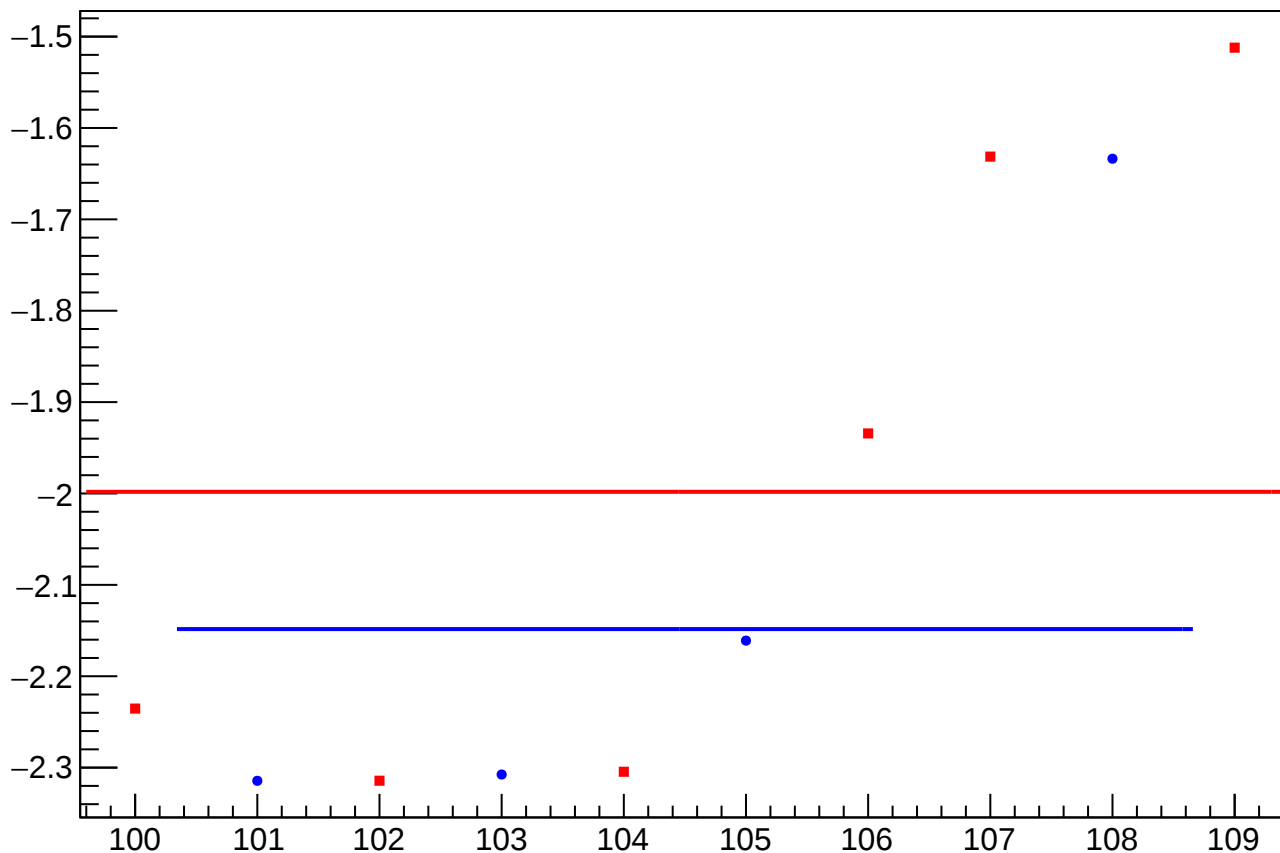
Right Out: 0.007+/-0.000 χ^2/NDF : 51410.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 35387.9/3

0.007+/-0.000 χ^2/NDF : 51410.3/5

yield_bpm0l06Y_mean vs slug



Right In: -2.148+/-0.000 χ^2/NDF : 21203272708.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

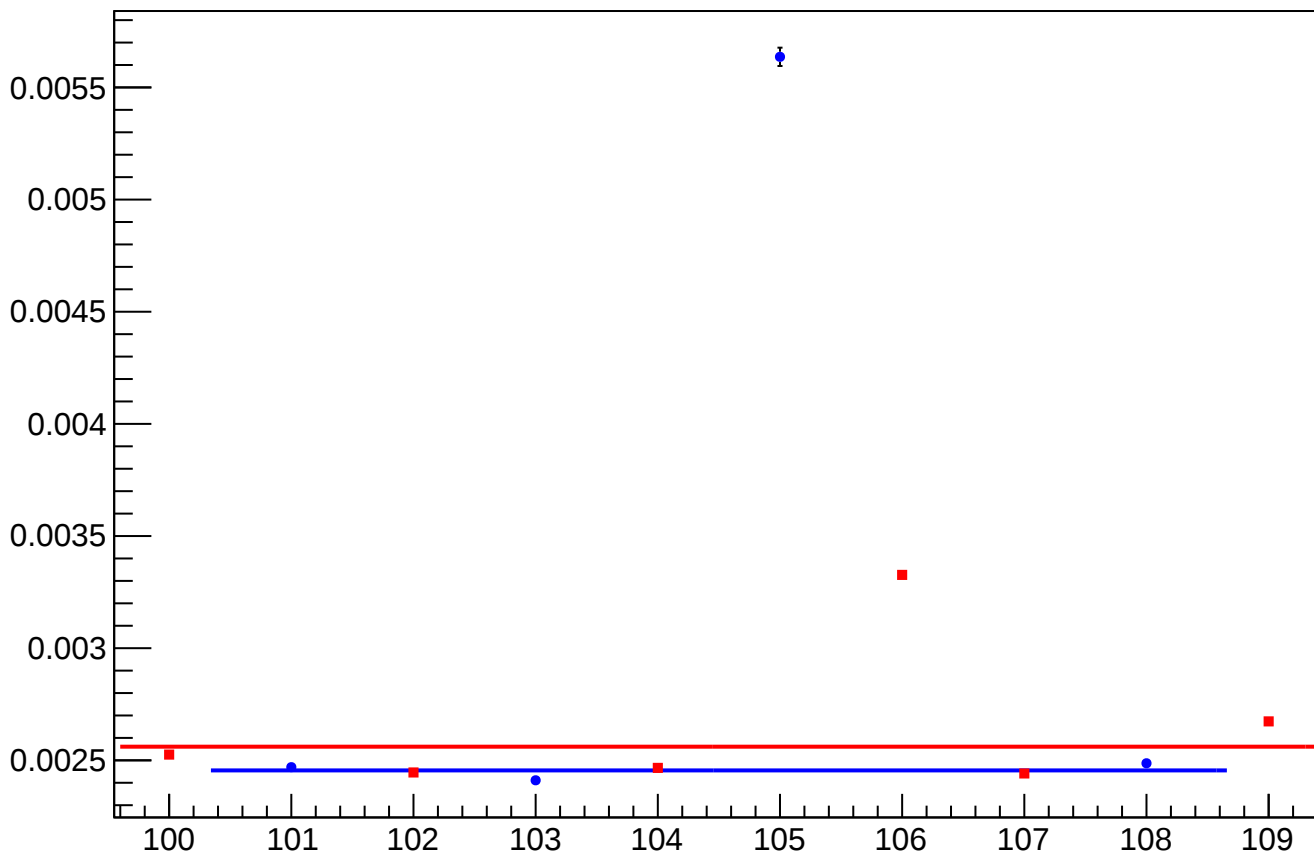
Right Out: -1.998+/-0.000 χ^2/NDF : 40939912651.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.148+/-0.000 χ^2/NDF : 21203272708.4/3

-1.998+/-0.000 χ^2/NDF : 40939912651.4/5

yield_bpm0l06Y_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 6608.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

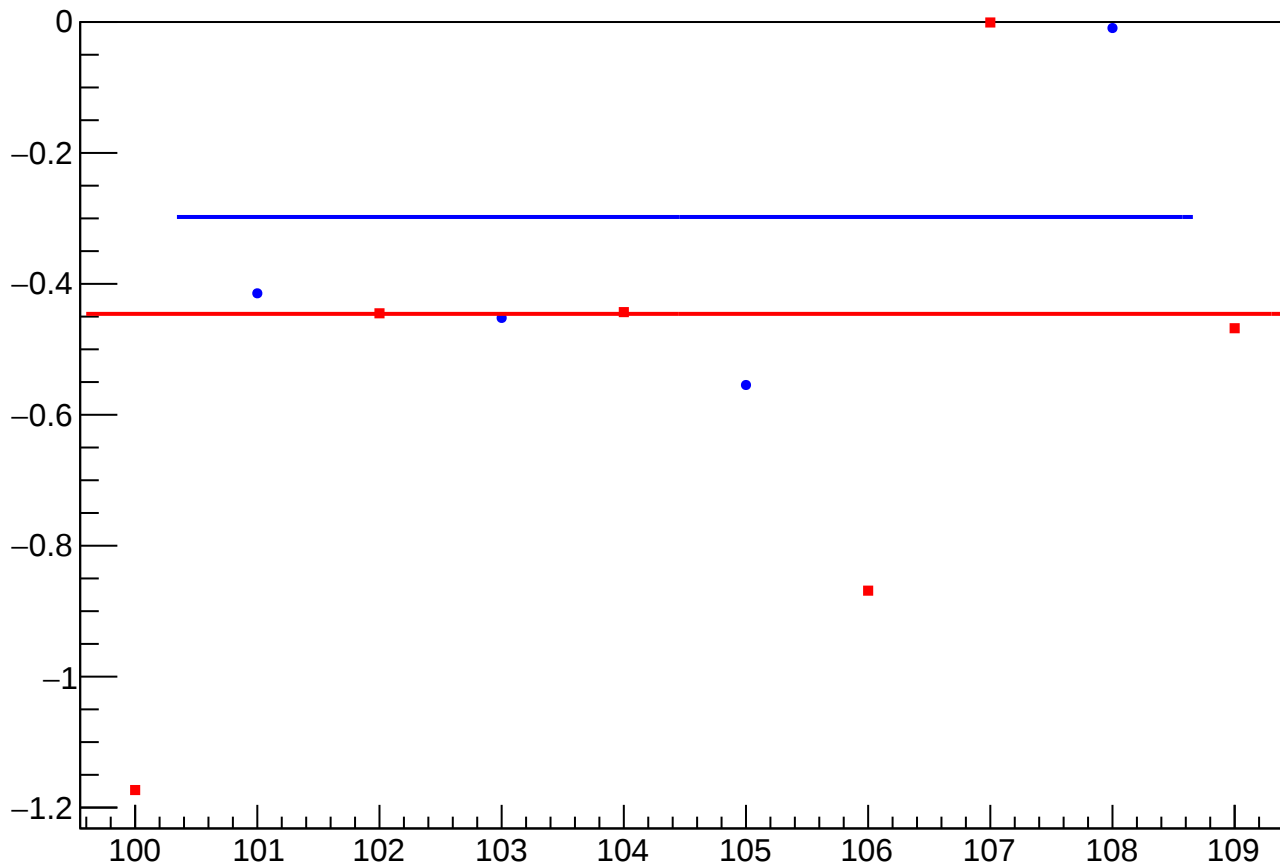
Right Out: 0.003+/-0.000 χ^2/NDF : 34490.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 6608.1/3

0.003+/-0.000 χ^2/NDF : 34490.3/5

yield_bpm0l07X_mean vs slug



Right In: -0.298+/-0.000 χ^2/NDF : 423513764.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

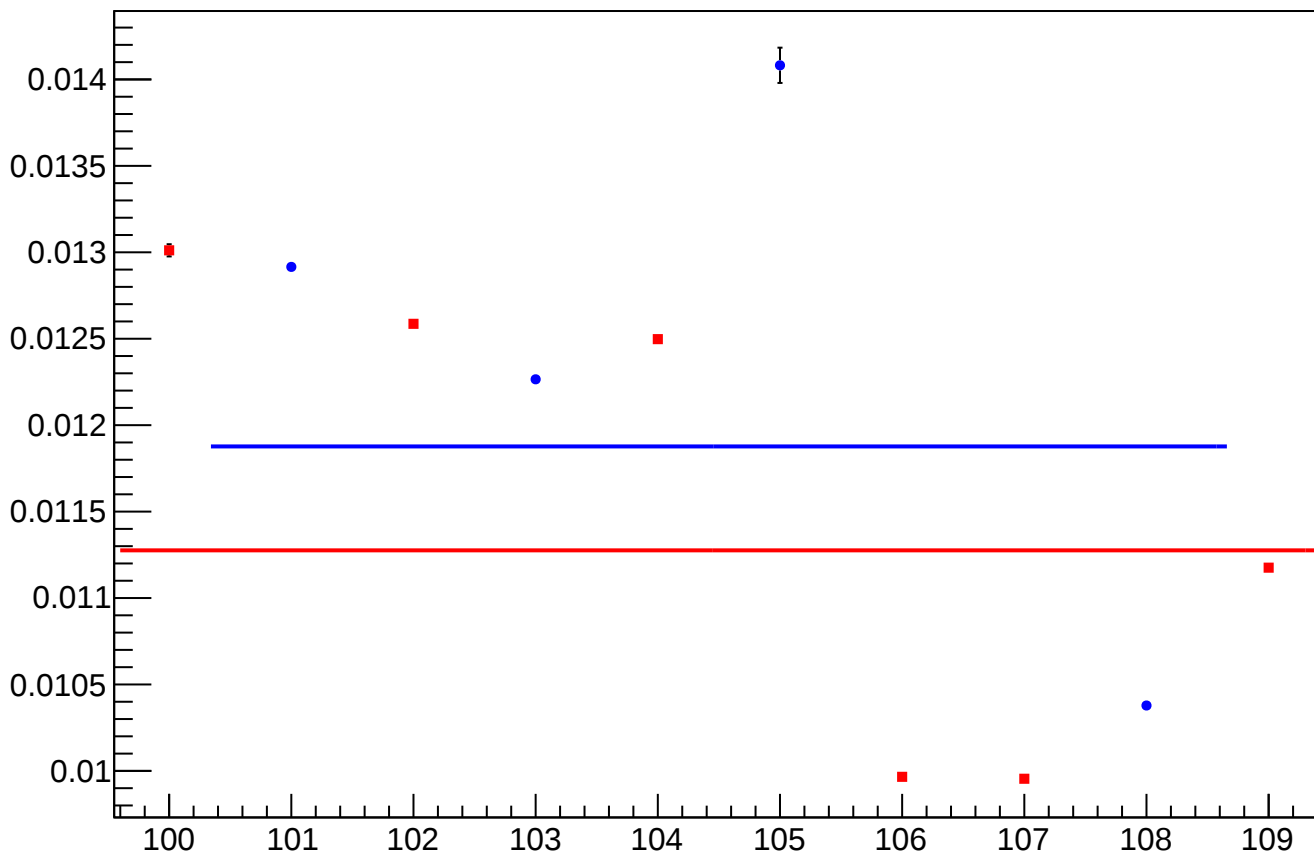
Right Out: -0.446+/-0.000 χ^2/NDF : 1432571953.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.298+/-0.000 χ^2/NDF : 423513764.6/3

-0.446+/-0.000 χ^2/NDF : 1432571953.9/5

yield_bpm0l07X_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 24393.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

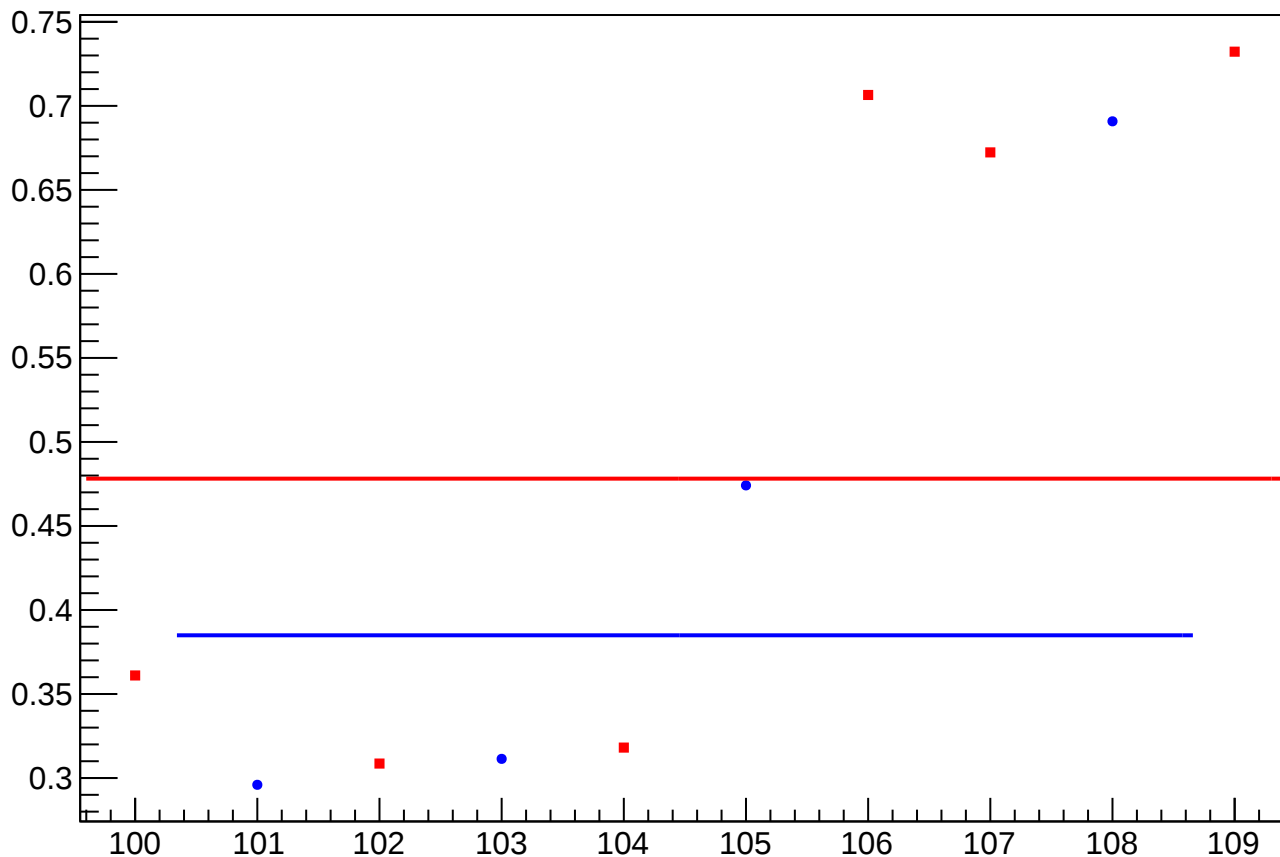
Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 45529.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 24393.1/3

0.011 $\pm$ 0.000 χ^2 /NDF: 45529.0/5

yield_bpm0l07Y_mean vs slug



Right In: 0.385+/-0.000 χ^2/NDF : 6187721746.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

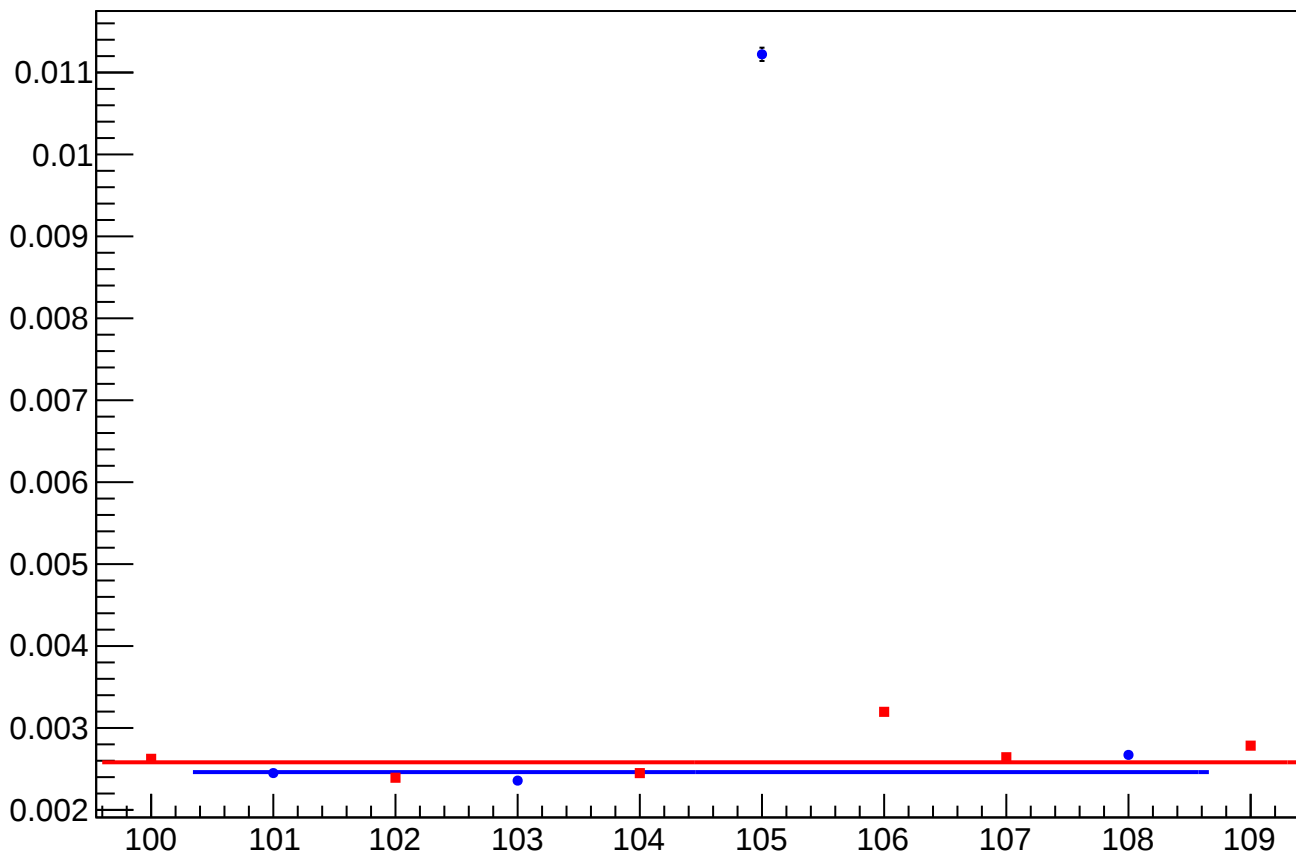
Right Out: 0.478+/-0.000 χ^2/NDF : 11773865664.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.385+/-0.000 χ^2/NDF : 6187721746.7/3

0.478+/-0.000 χ^2/NDF : 11773865664.2/5

yield_bpm0l07Y_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 18414.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

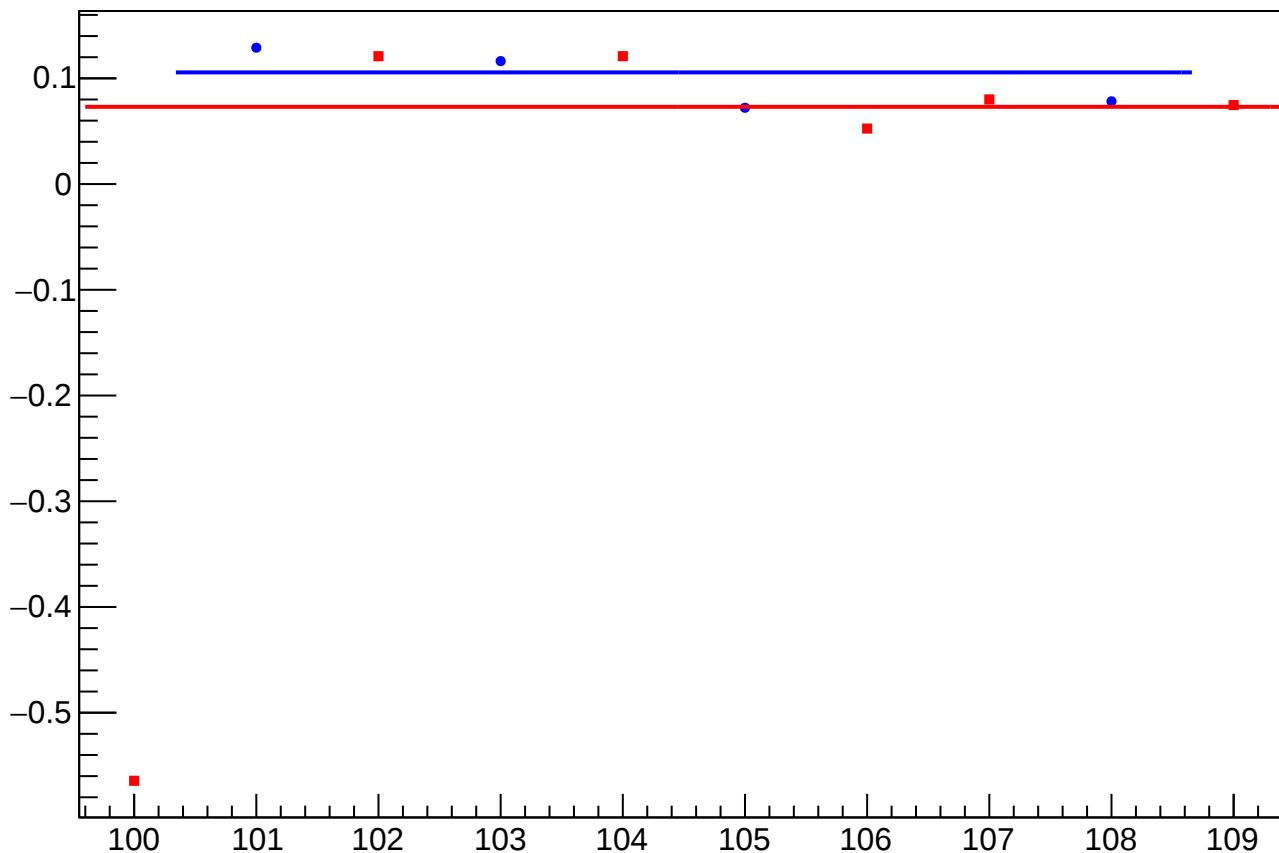
Right Out: 0.003+/-0.000 χ^2/NDF : 29900.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 18414.8/3

0.003+/-0.000 χ^2/NDF : 29900.3/5

yield_bpm0l08X_mean vs slug



Right In: 0.106+/-0.000 χ^2/NDF : 6520094.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

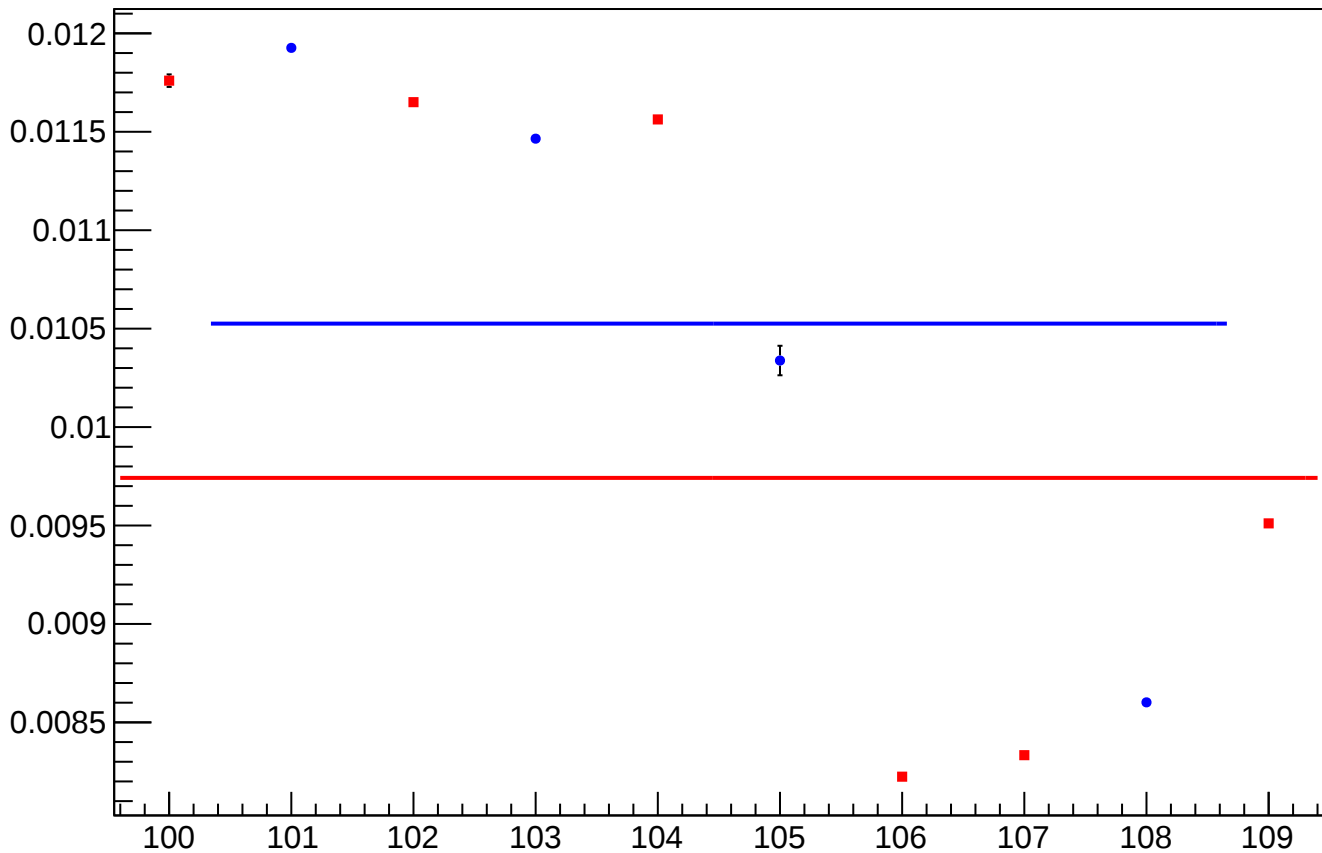
Right Out: 0.073+/-0.000 χ^2/NDF : 219488293.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.106+/-0.000 χ^2/NDF : 6520094.8/3

0.073+/-0.000 χ^2/NDF : 219488293.7/5

yield_bpm0l08X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 60250.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

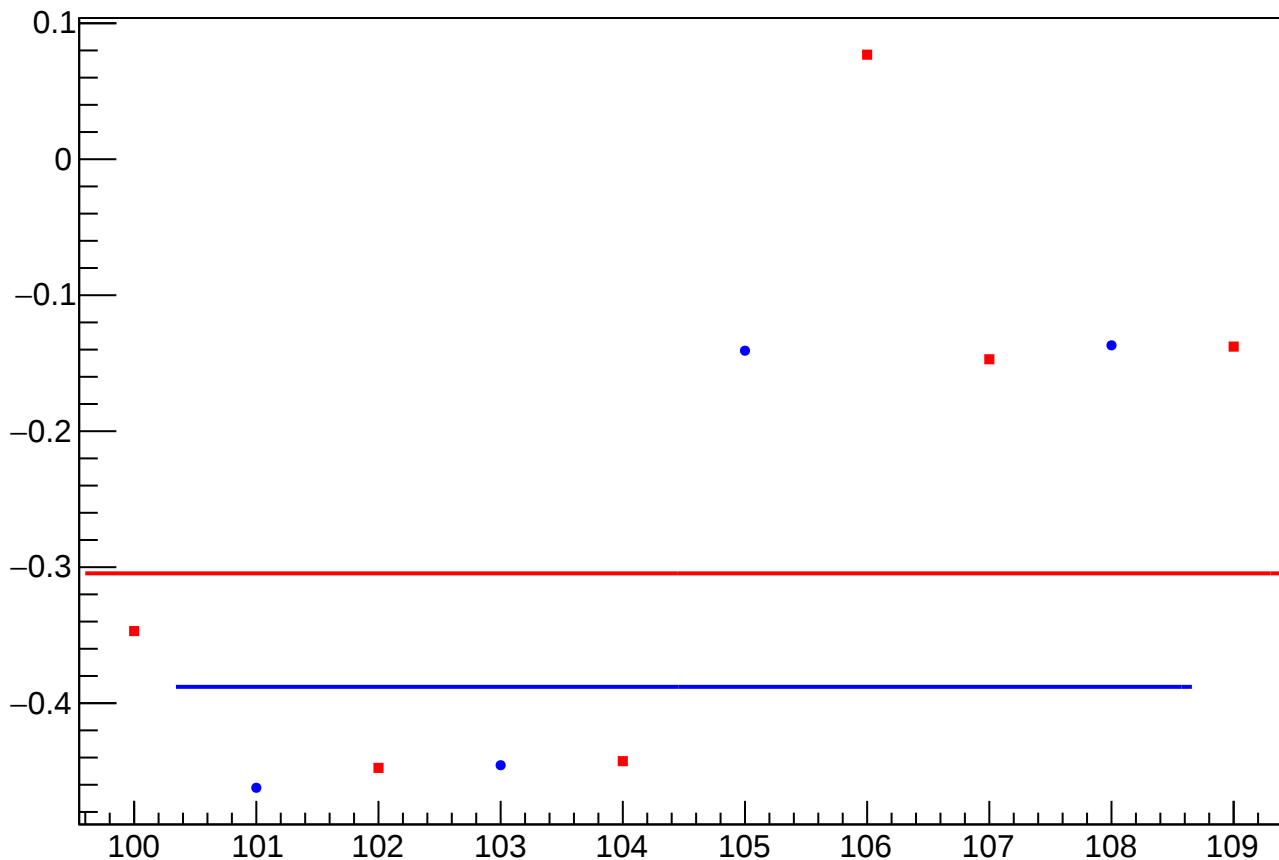
Right Out: 0.010+/-0.000 χ^2/NDF : 96854.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 60250.4/3

0.010+/-0.000 χ^2/NDF : 96854.6/5

yield_bpm0l08Y_mean vs slug



Right In: -0.388+/-0.000 χ^2/NDF : 1852980972.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

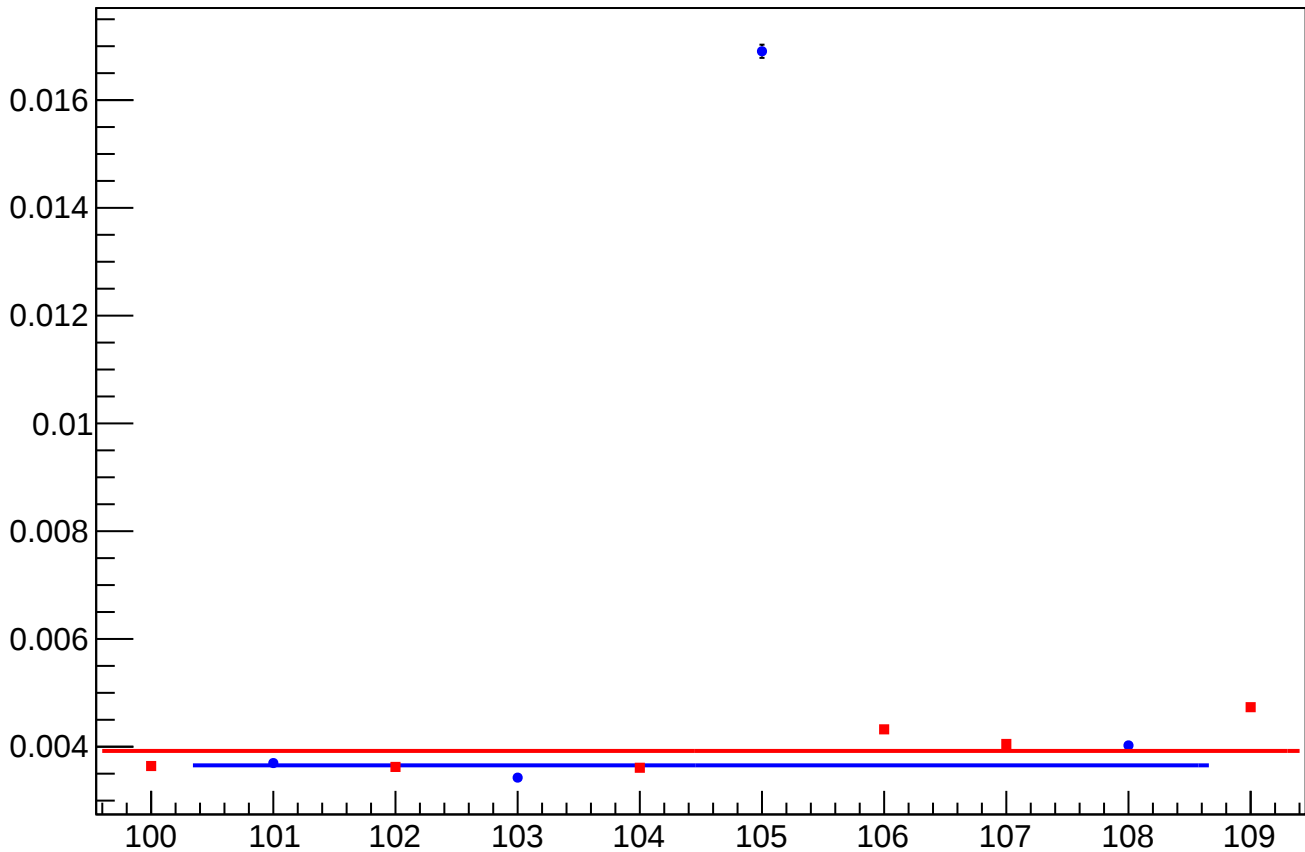
Right Out: -0.305+/-0.000 χ^2/NDF : 4178442712.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.388+/-0.000 χ^2/NDF : 1852980972.7/3

-0.305+/-0.000 χ^2/NDF : 4178442712.2/5

yield_bpm0l08Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 23146.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

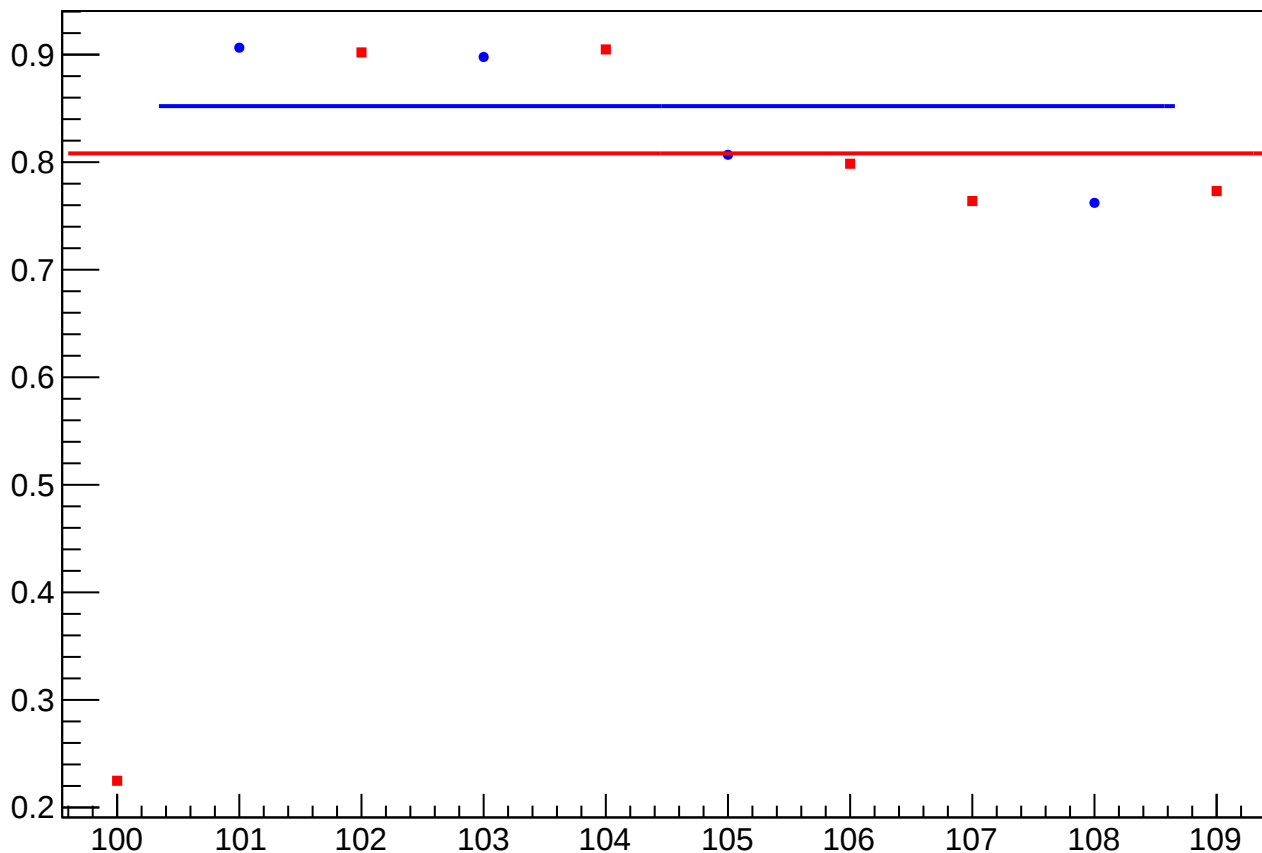
Right Out: 0.004+/-0.000 χ^2/NDF : 47970.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 23146.4/3

0.004+/-0.000 χ^2/NDF : 47970.6/5

yield_bpm0l09X_mean vs slug



Right In: 0.852+/-0.000 χ^2/NDF : 50395352.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

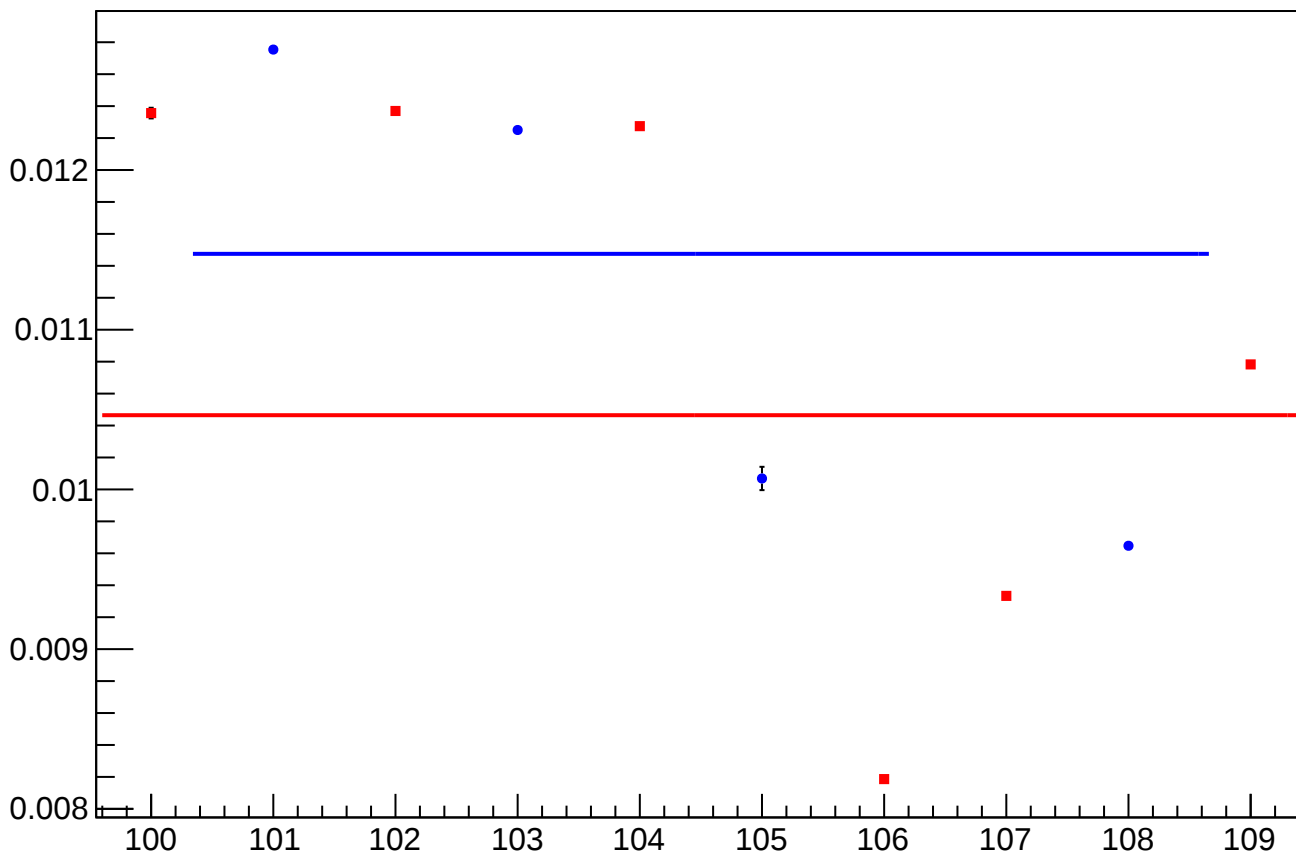
Right Out: 0.808+/-0.000 χ^2/NDF : 225867222.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.852+/-0.000 χ^2/NDF : 50395352.5/3

0.808+/-0.000 χ^2/NDF : 225867222.5/5

yield_bpm0l09X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 42821.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

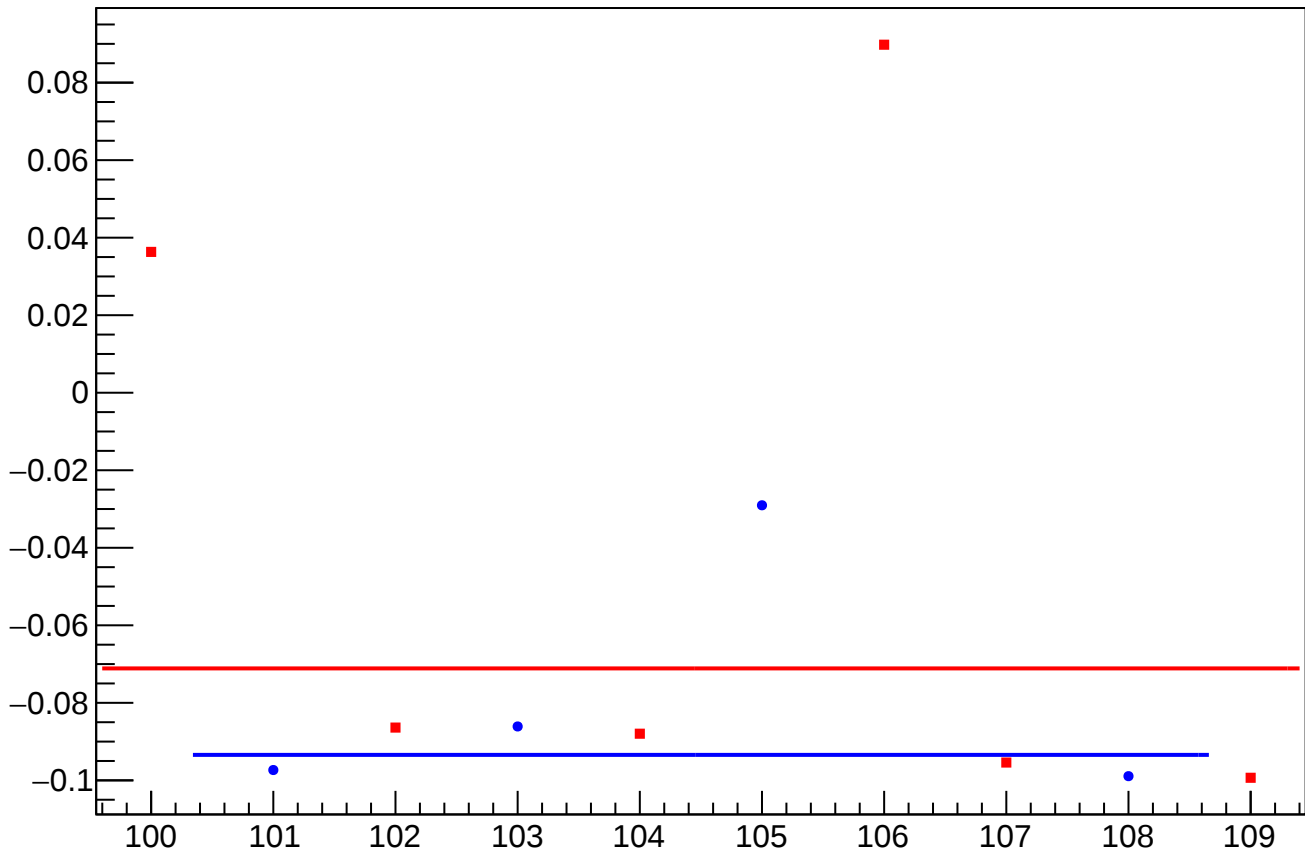
Right Out: 0.010+/-0.000 χ^2/NDF : 105601.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 42821.8/3

0.010+/-0.000 χ^2/NDF : 105601.1/5

yield_bpm0l09Y_mean vs slug



Right In: -0.093+/-0.000 χ^2/NDF : 3458332.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

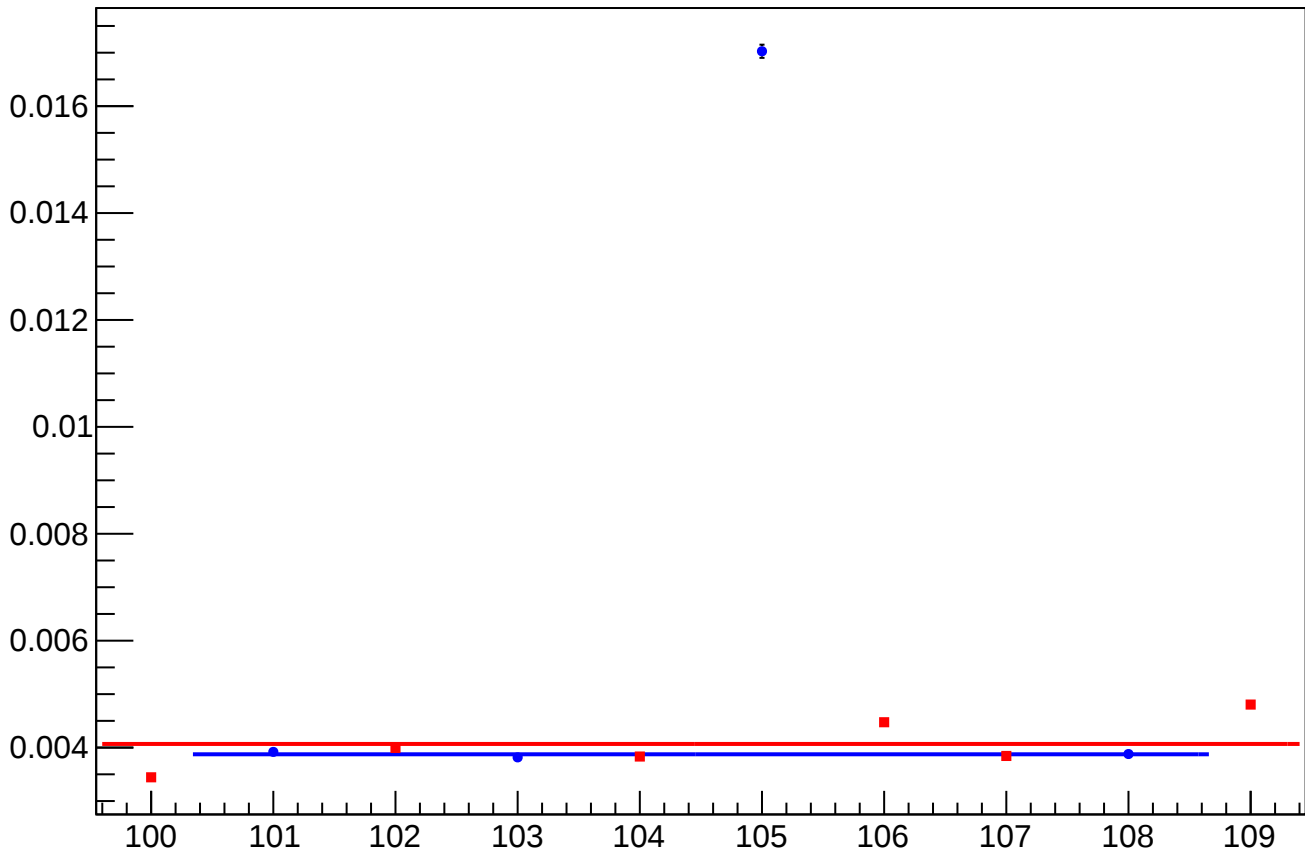
-0.093+/-0.000 χ^2/NDF : 3458332.9/3

Right Out: -0.071+/-0.000 χ^2/NDF : 363303846.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.071+/-0.000 χ^2/NDF : 363303846.1/5

yield_bpm0l09Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 11765.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

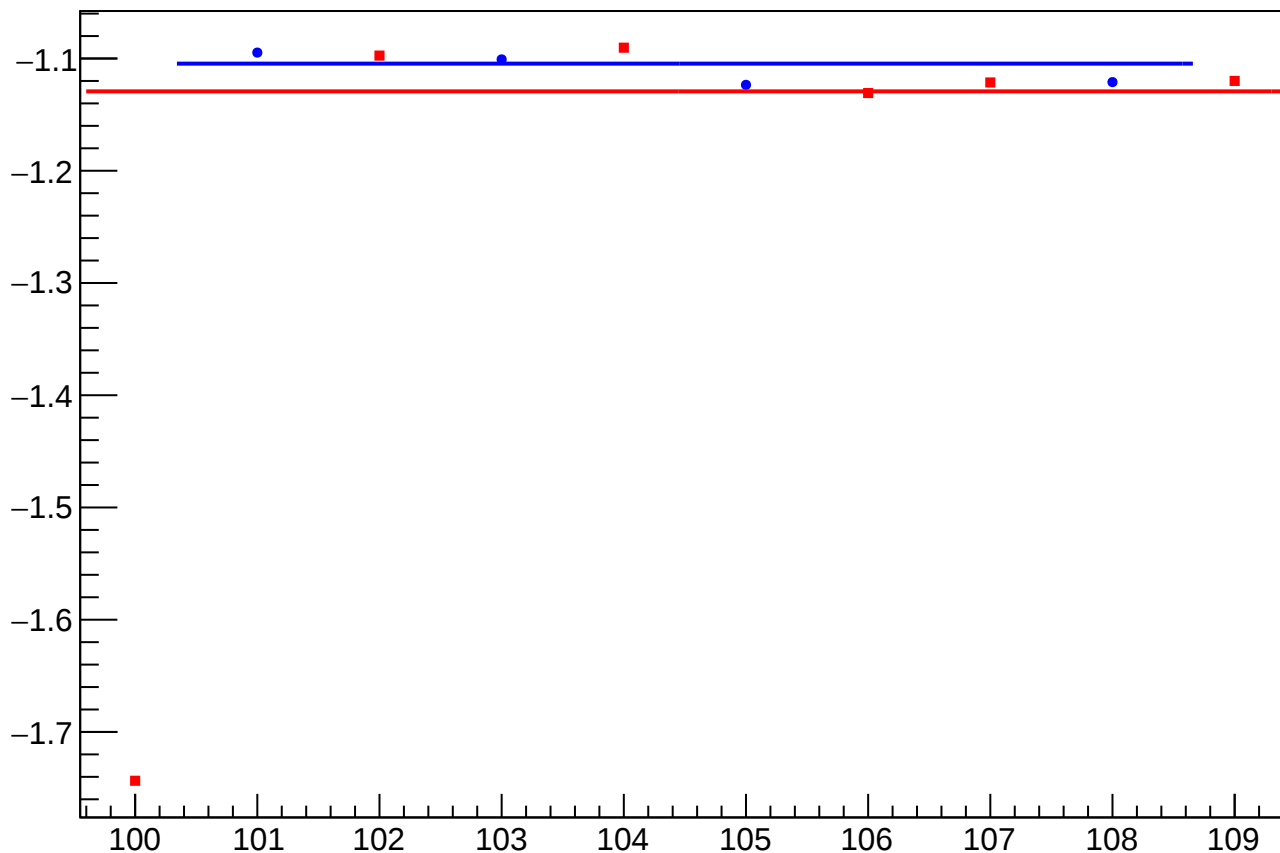
Right Out: 0.004+/-0.000 χ^2/NDF : 35915.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 11765.3/3

0.004+/-0.000 χ^2/NDF : 35915.7/5

yield_bpm0l10X_mean vs slug



Right In: -1.105+/-0.000 χ^2/NDF : 1342913.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

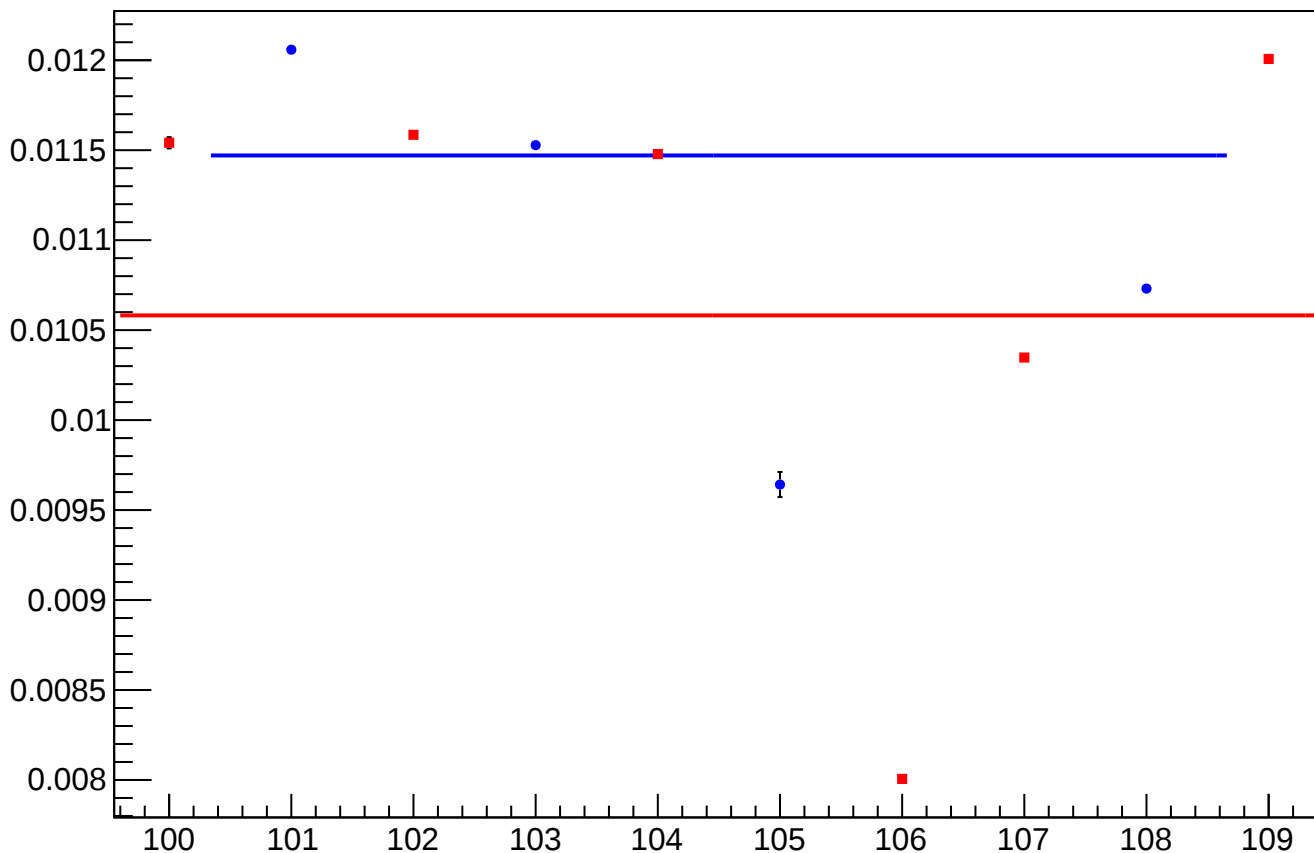
Right Out: -1.129+/-0.000 χ^2/NDF : 204097900.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.105+/-0.000 χ^2/NDF : 1342913.7/3

-1.129+/-0.000 χ^2/NDF : 204097900.5/5

yield_bpm0l10X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 6922.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

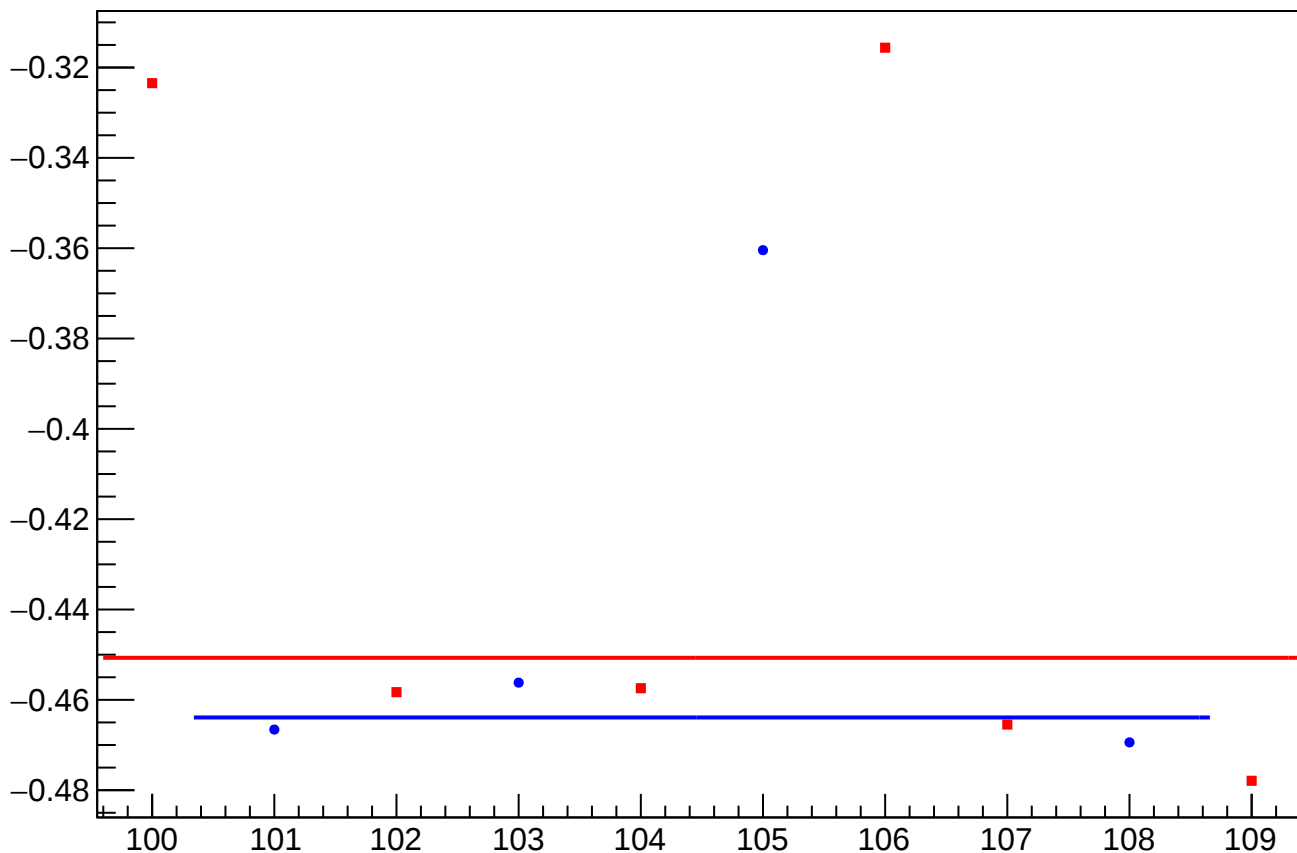
Right Out: 0.011+/-0.000 χ^2/NDF : 89706.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 6922.8/3

0.011+/-0.000 χ^2/NDF : 89706.7/5

yield_bpm0l10Y_mean vs slug



Right In: -0.464+/-0.000 χ^2/NDF : 4484930.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

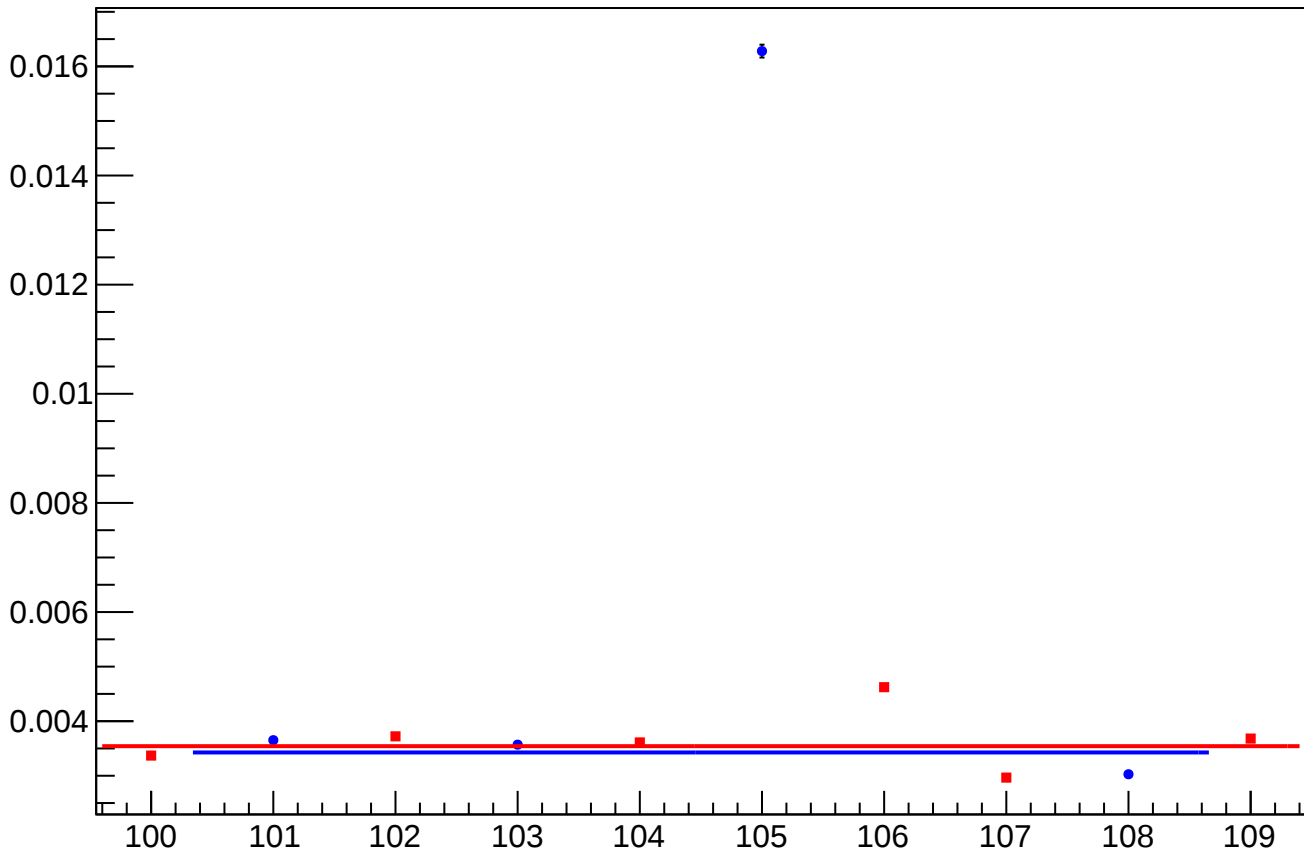
Right Out: -0.451+/-0.000 χ^2/NDF : 306547997.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.464+/-0.000 χ^2/NDF : 4484930.7/3

-0.451+/-0.000 χ^2/NDF : 306547997.3/5

yield_bpm0l10Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 30845.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

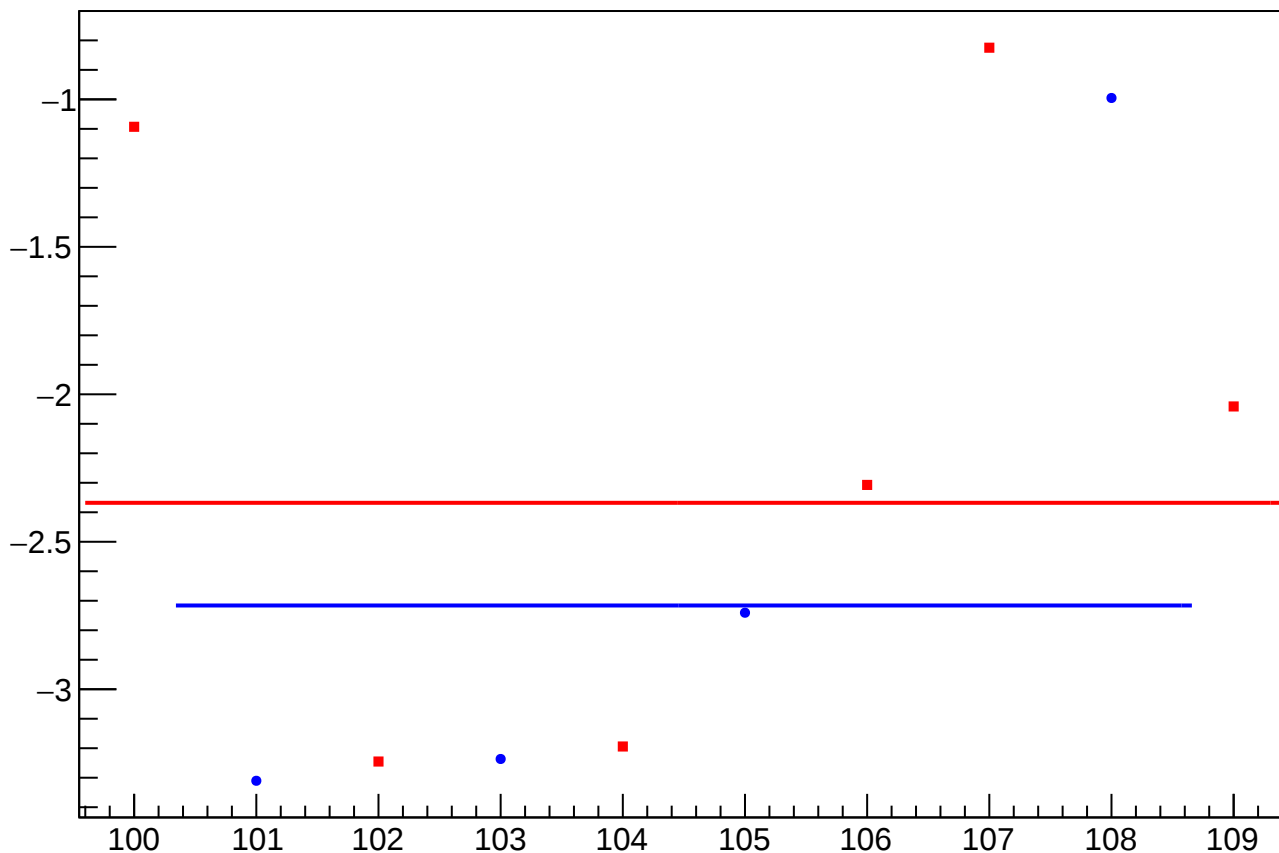
Right Out: 0.004+/-0.000 χ^2/NDF : 52889.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 30845.8/3

0.004+/-0.000 χ^2/NDF : 52889.1/5

yield_bpm0r03X_mean vs slug



Right In: -2.716+/-0.000 χ^2/NDF : 281752153.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

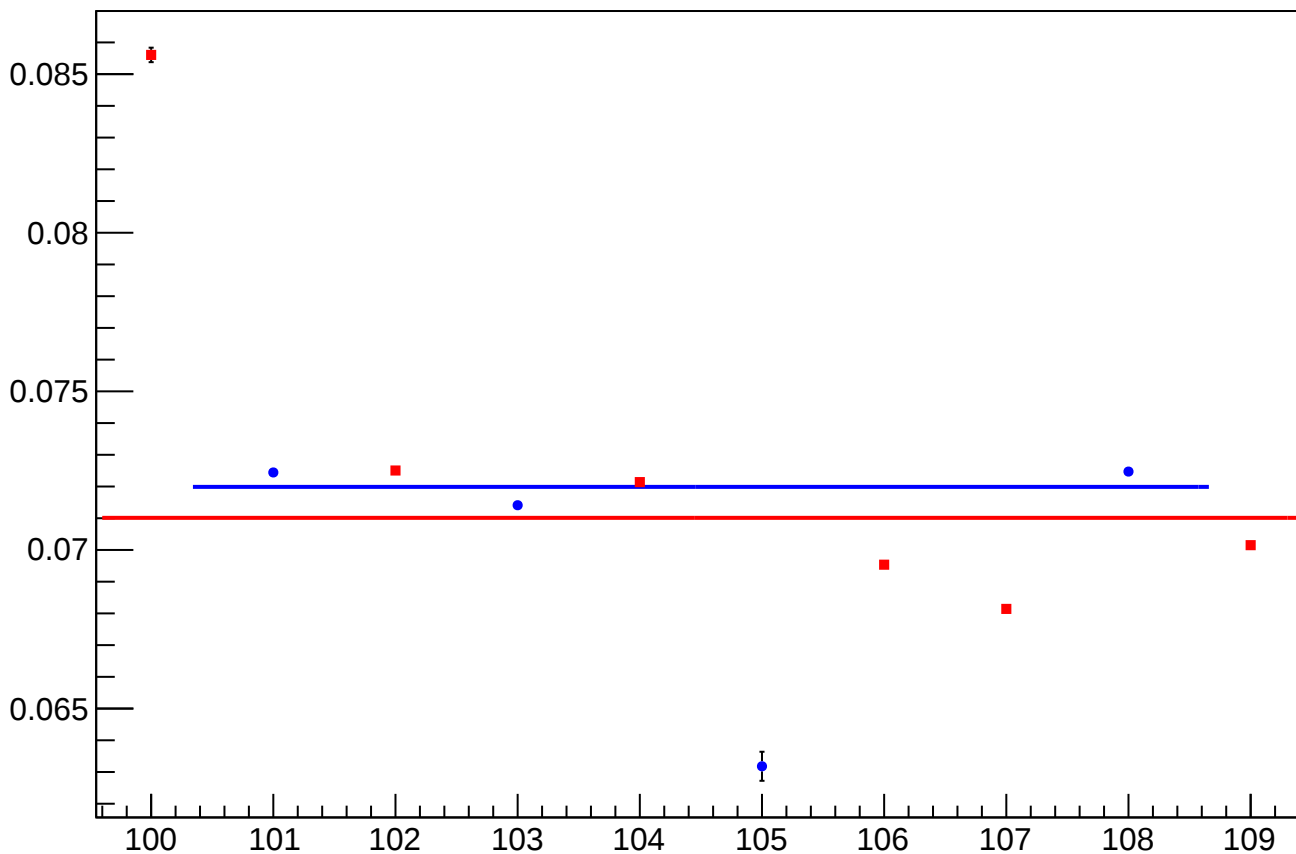
Right Out: -2.368+/-0.000 χ^2/NDF : 348497229.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.716+/-0.000 χ^2/NDF : 281752153.9/3

-2.368+/-0.000 χ^2/NDF : 348497229.5/5

yield_bpm0r03X_rms vs slug



Right In: 0.072+/-0.000 χ^2/NDF : 523.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

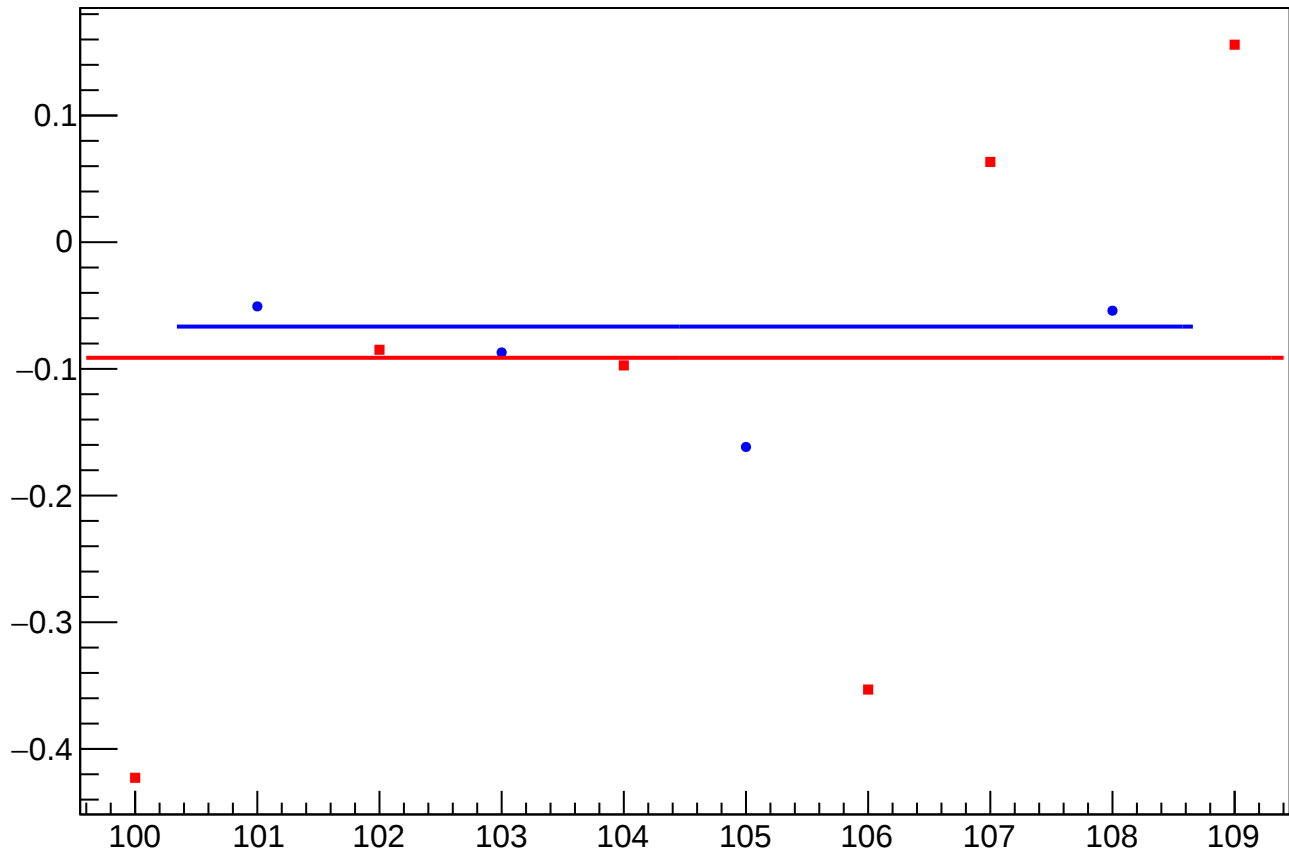
Right Out: 0.071+/-0.000 χ^2/NDF : 6439.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.072+/-0.000 χ^2/NDF : 523.5/3

0.071+/-0.000 χ^2/NDF : 6439.8/5

yield_bpm0r03Y_mean vs slug



Right In: -0.067+/-0.000 χ^2/NDF : 5112113.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

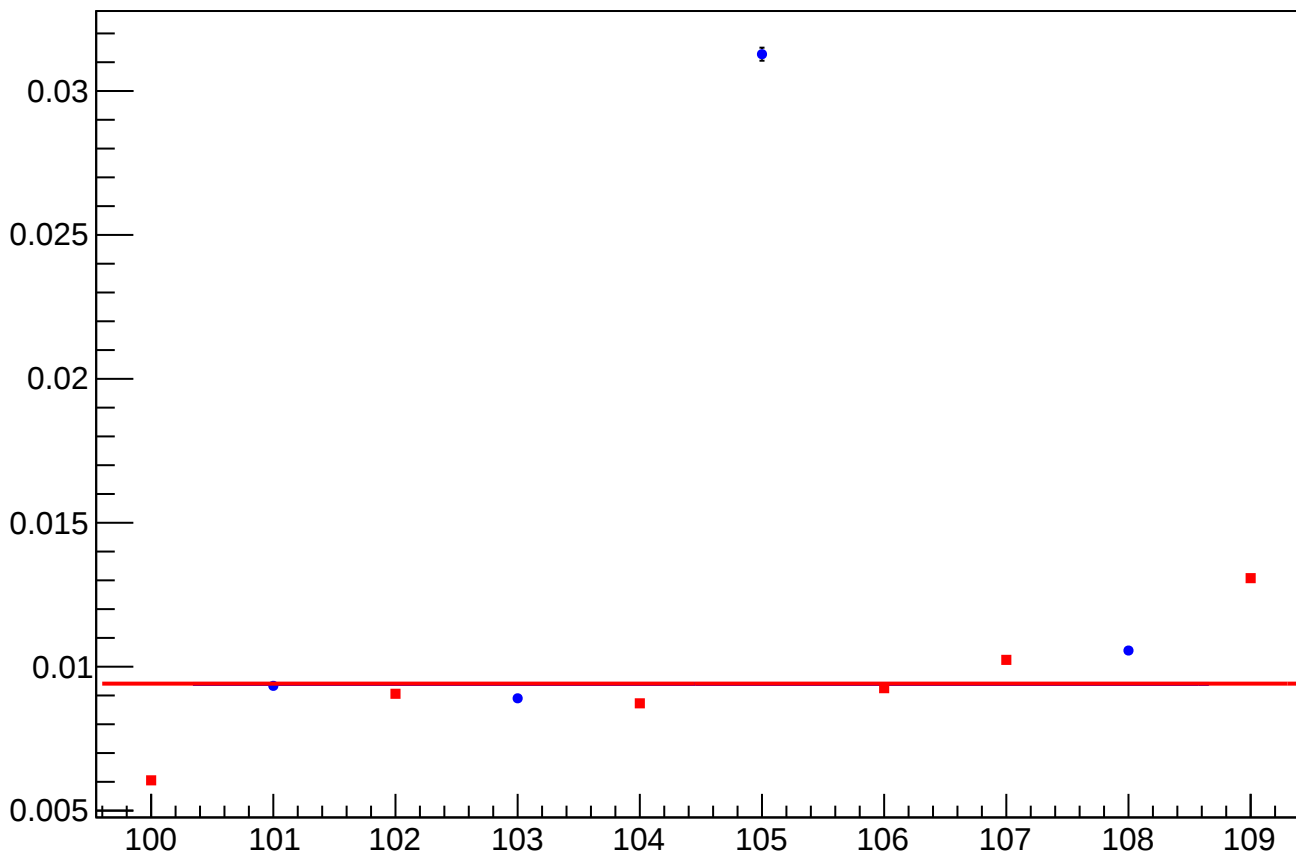
Right Out: -0.091+/-0.000 χ^2/NDF : 619288638.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.067+/-0.000 χ^2/NDF : 5112113.7/3

-0.091+/-0.000 χ^2/NDF : 619288638.8/5

yield_bpm0r03Y_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 21312.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

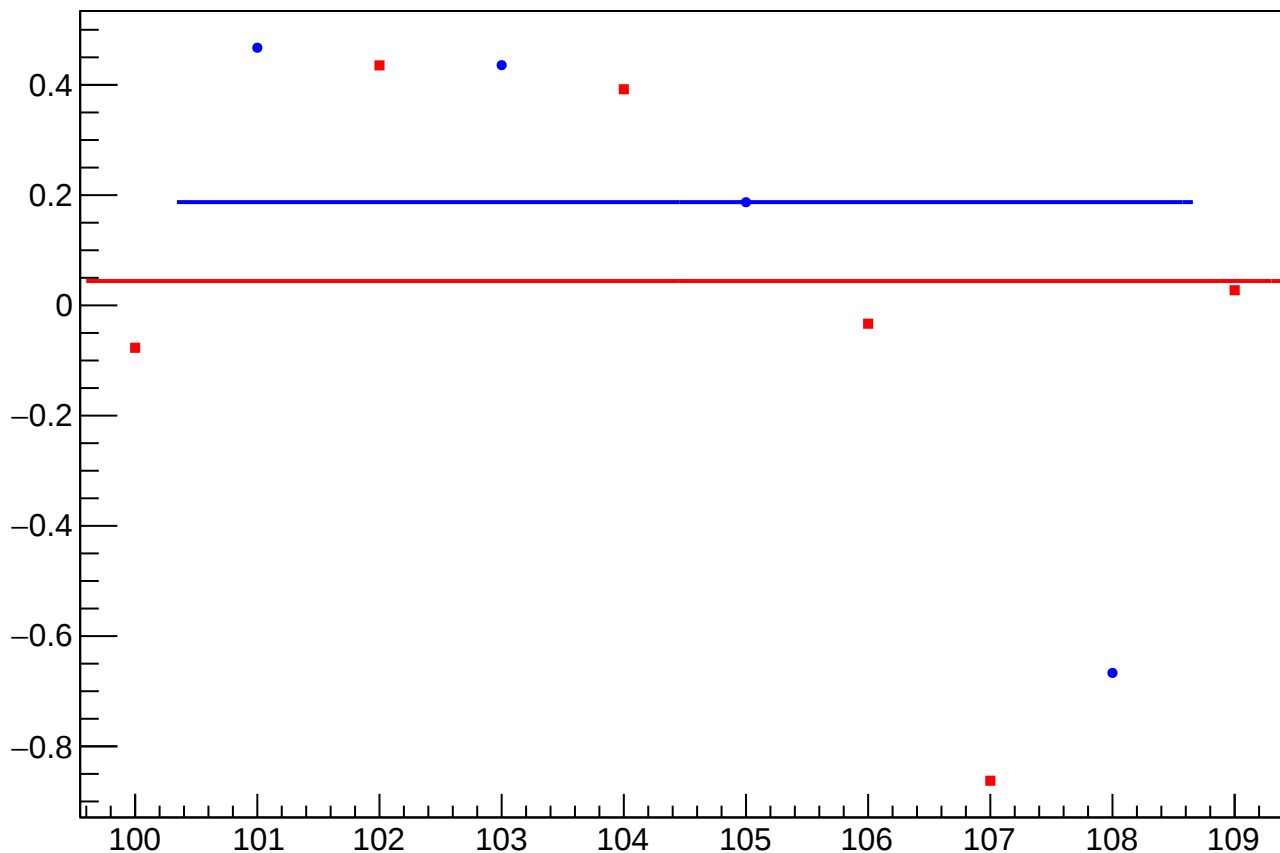
Right Out: 0.009+/-0.000 χ^2/NDF : 132367.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 21312.4/3

0.009+/-0.000 χ^2/NDF : 132367.1/5

yield_bpm0r05X_mean vs slug



Right In: 0.187+/-0.000 χ^2/NDF : 43400676.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

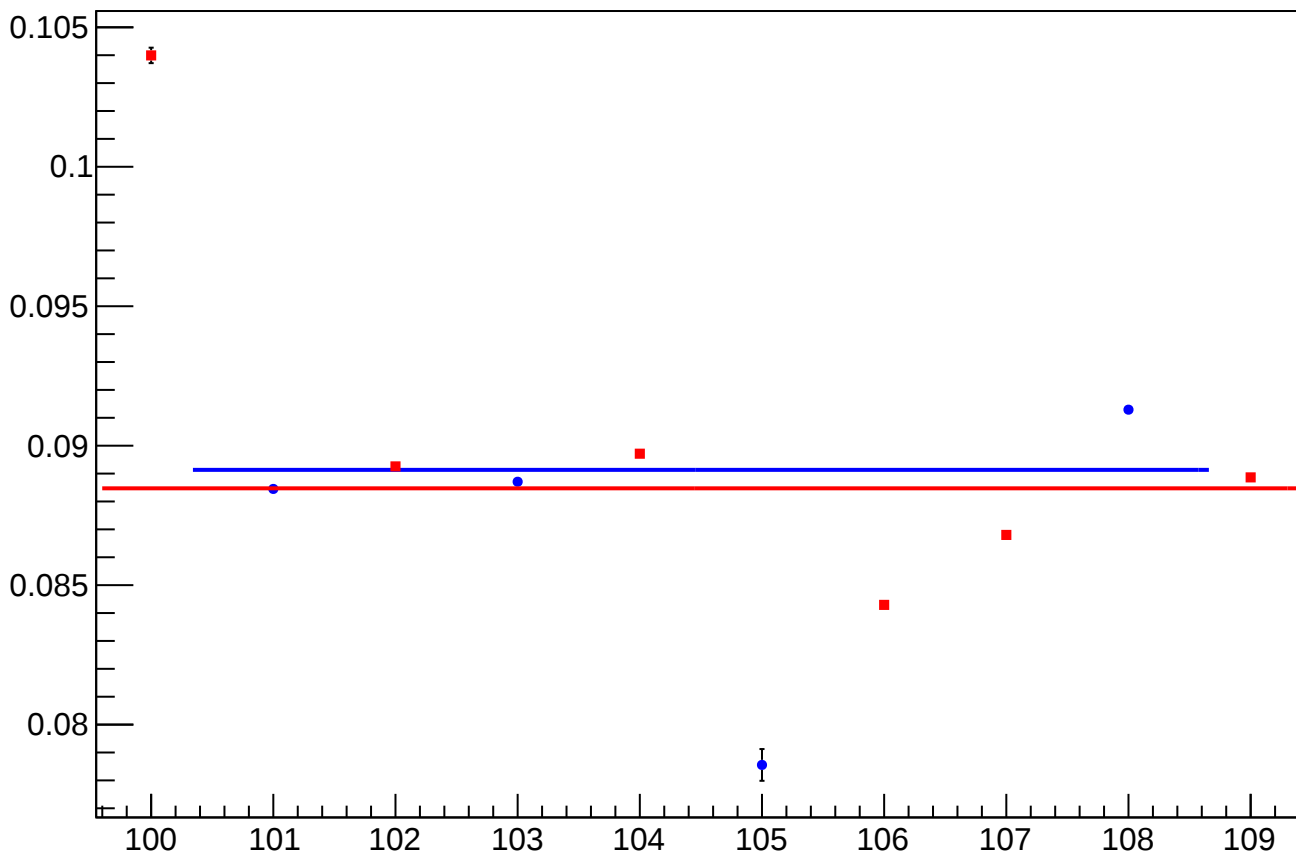
Right Out: 0.044+/-0.000 χ^2/NDF : 56682924.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.187+/-0.000 χ^2/NDF : 43400676.4/3

0.044+/-0.000 χ^2/NDF : 56682924.6/5

yield_bpm0r05X_rms vs slug



Right In: 0.089+/-0.000 χ^2/NDF : 863.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

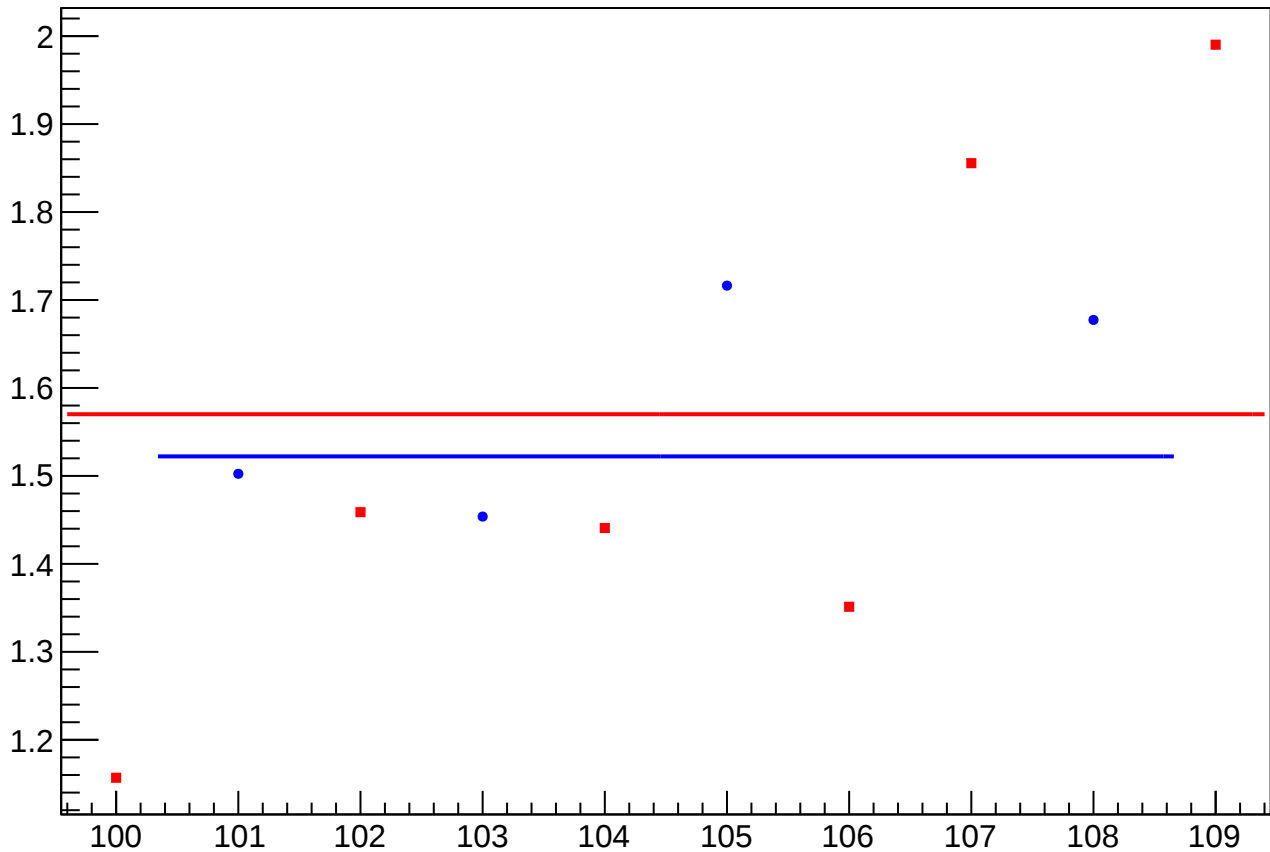
Right Out: 0.088+/-0.000 χ^2/NDF : 5165.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.089+/-0.000 χ^2/NDF : 863.9/3

0.088+/-0.000 χ^2/NDF : 5165.0/5

yield_bpm0r05Y_mean vs slug



Right In: 1.522+/-0.000 χ^2/NDF : 61198540.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

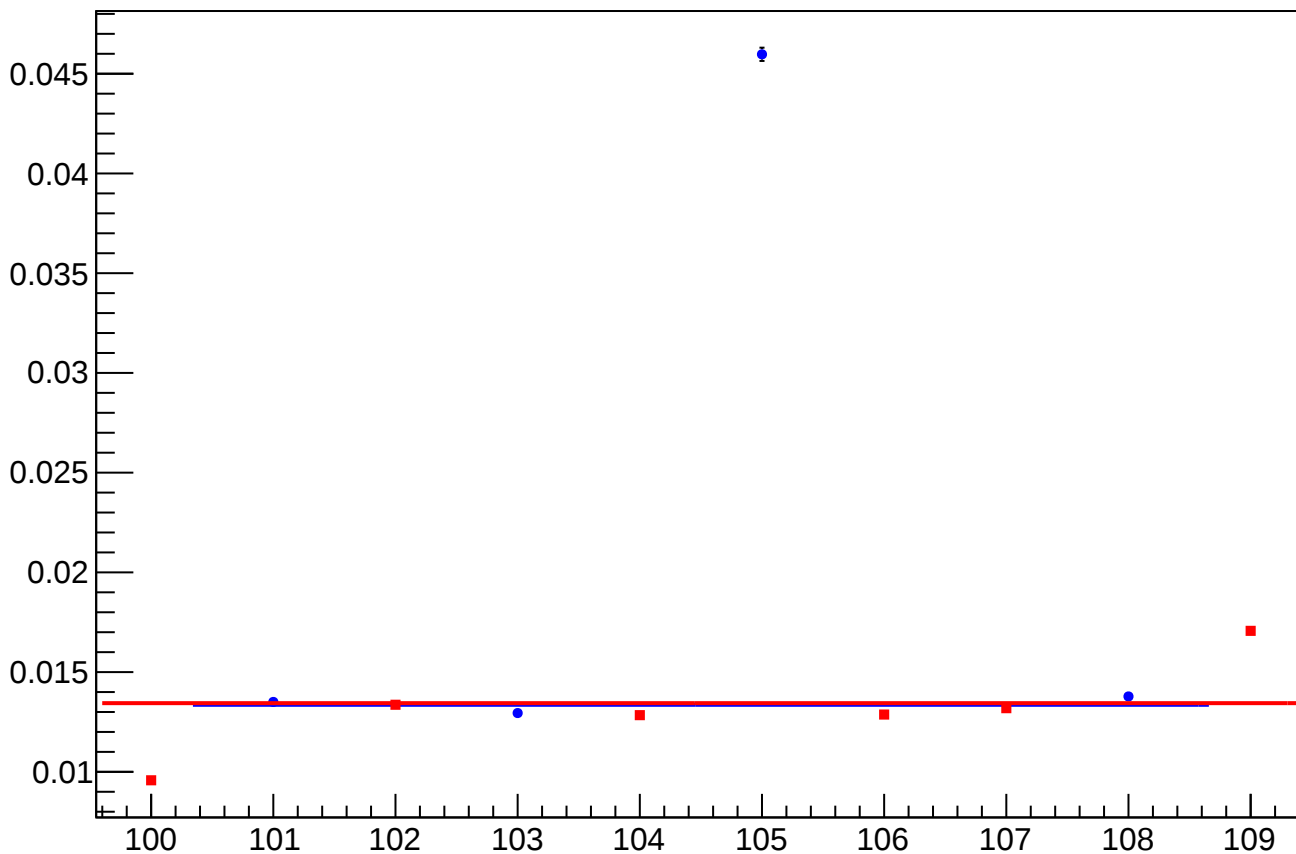
1.522+/-0.000 χ^2/NDF : 61198540.6/3

Right Out: 1.570+/-0.000 χ^2/NDF : 728229625.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.570+/-0.000 χ^2/NDF : 728229625.5/5

yield_bpm0r05Y_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 11489.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

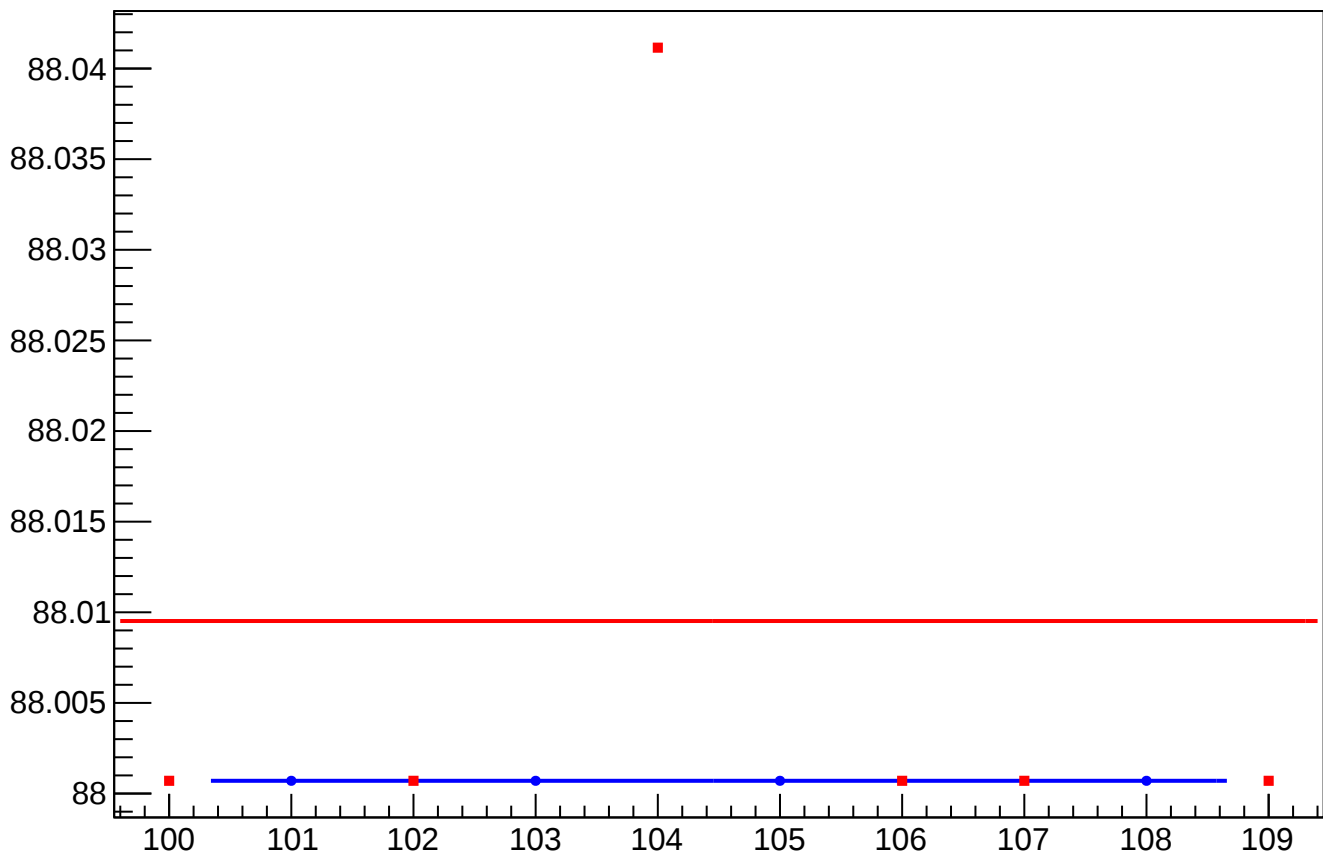
Right Out: 0.013+/-0.000 χ^2/NDF : 70088.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 11489.5/3

0.013+/-0.000 χ^2/NDF : 70088.0/5

epics_VWienAngles_mean vs slug



Right In: 88.001+/-0.000 χ^2/NDF : 401675.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

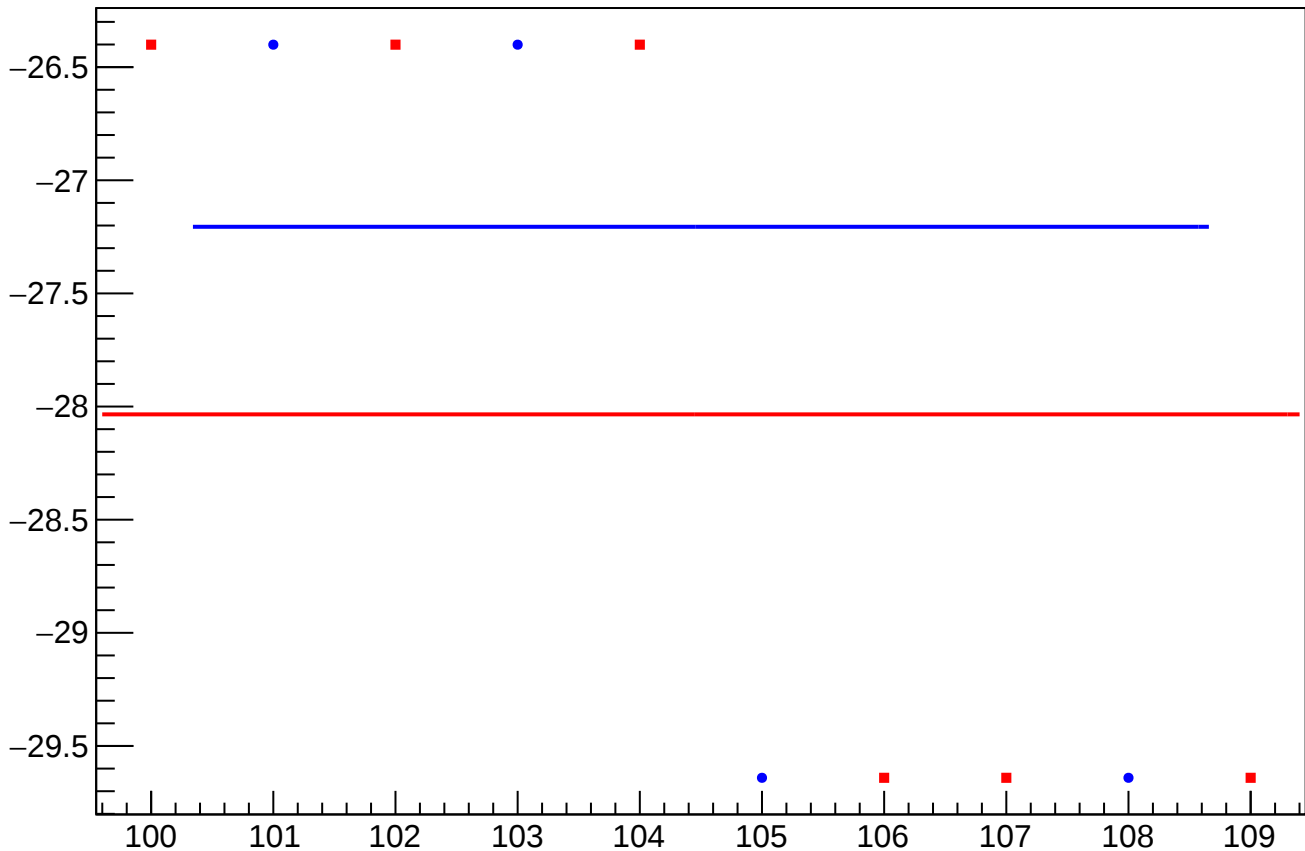
88.001+/-0.000 χ^2/NDF : 401675.4/3

Right Out: 88.010+/-0.000 χ^2/NDF : 65254236180850463484166537216.0/5

88.010+/-0.000 χ^2/NDF : 65254236180850463484166537216.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_HWienAngles_mean vs slug



Right In: -27.206+/-0.000 χ^2/NDF : 307706721019116471523103236685824.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

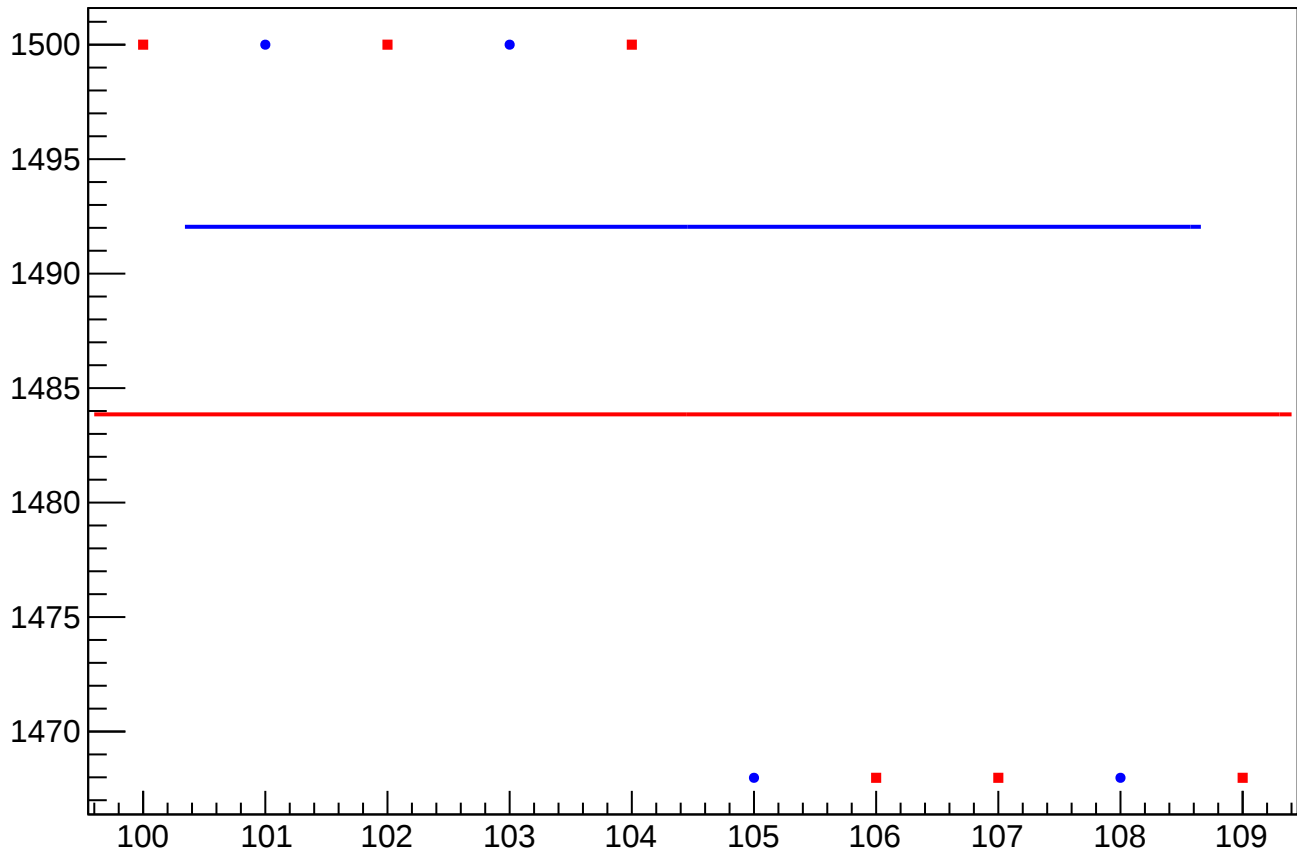
Right Out: -28.035+/-0.000 χ^2/NDF : 614064738461542671544559673016320.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-27.206+/-0.000 χ^2/NDF : 30770672101911647

-28.035+/-0.000 χ^2/NDF : 61406473846154267

epics_psub_pl_poss_mean vs slug



Right In: 1492.046 $\pm$ 0.000 χ^2 /NDF: 30055763367913312589636938848272384.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

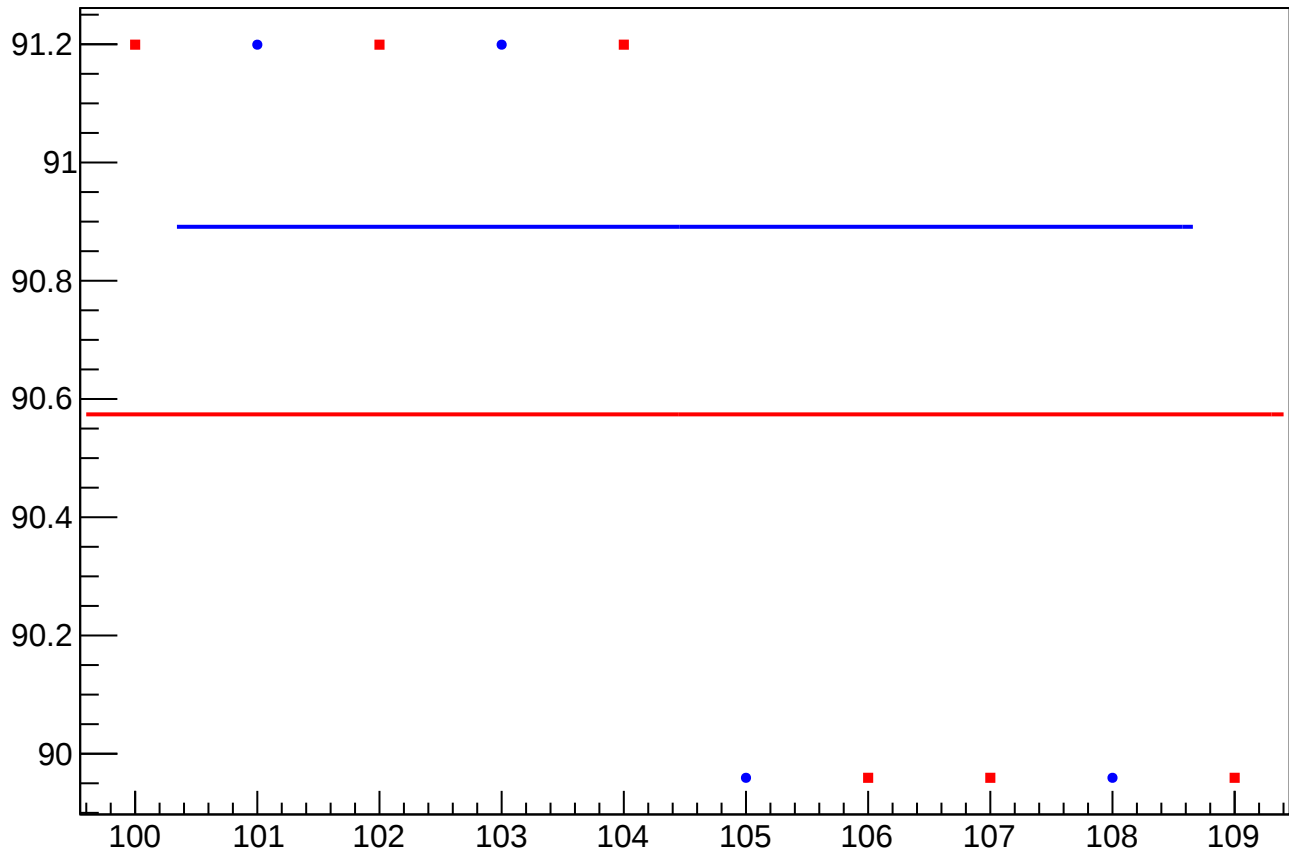
Right Out: 1483.853 $\pm$ 0.000 χ^2 /NDF: 59979789881270774711017354328801280.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1492.046 $\pm$ 0.000 χ^2 /NDF: 3005576336791331

1483.853 $\pm$ 0.000 χ^2 /NDF: 5997978988127077

epics_Phi_FGs_mean vs slug



Right In: 90.891+/-0.000 χ^2/NDF : 45070287898092928346378043654144.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

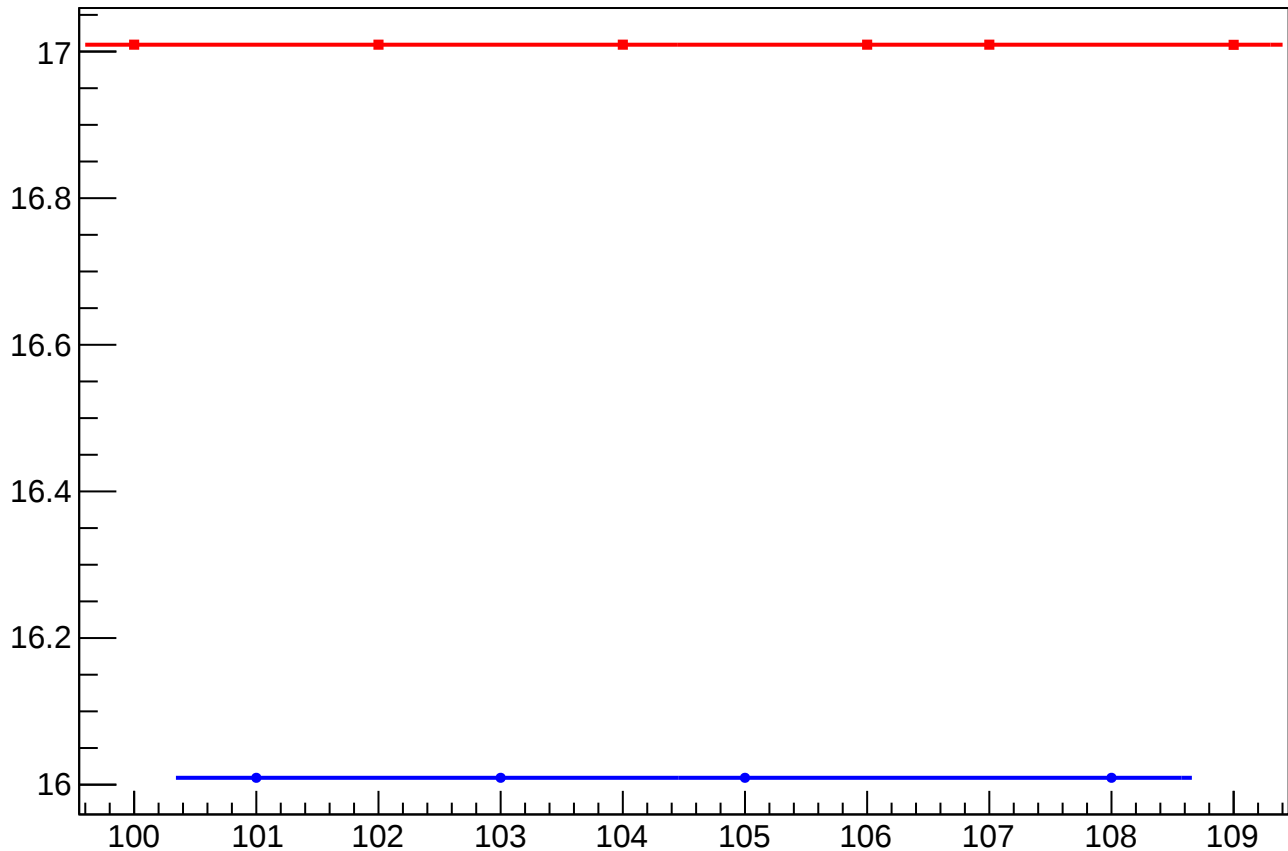
Right Out: 90.574+/-0.000 χ^2/NDF : 89943029059846778243110926286848.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.891+/-0.000 χ^2/NDF : 45070287898092928346378043654144.0/3

90.574+/-0.000 χ^2/NDF : 89943029059846778243110926286848.0/5

epics_IGL1I00DI24_24Ms_mean vs slug



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 6260.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

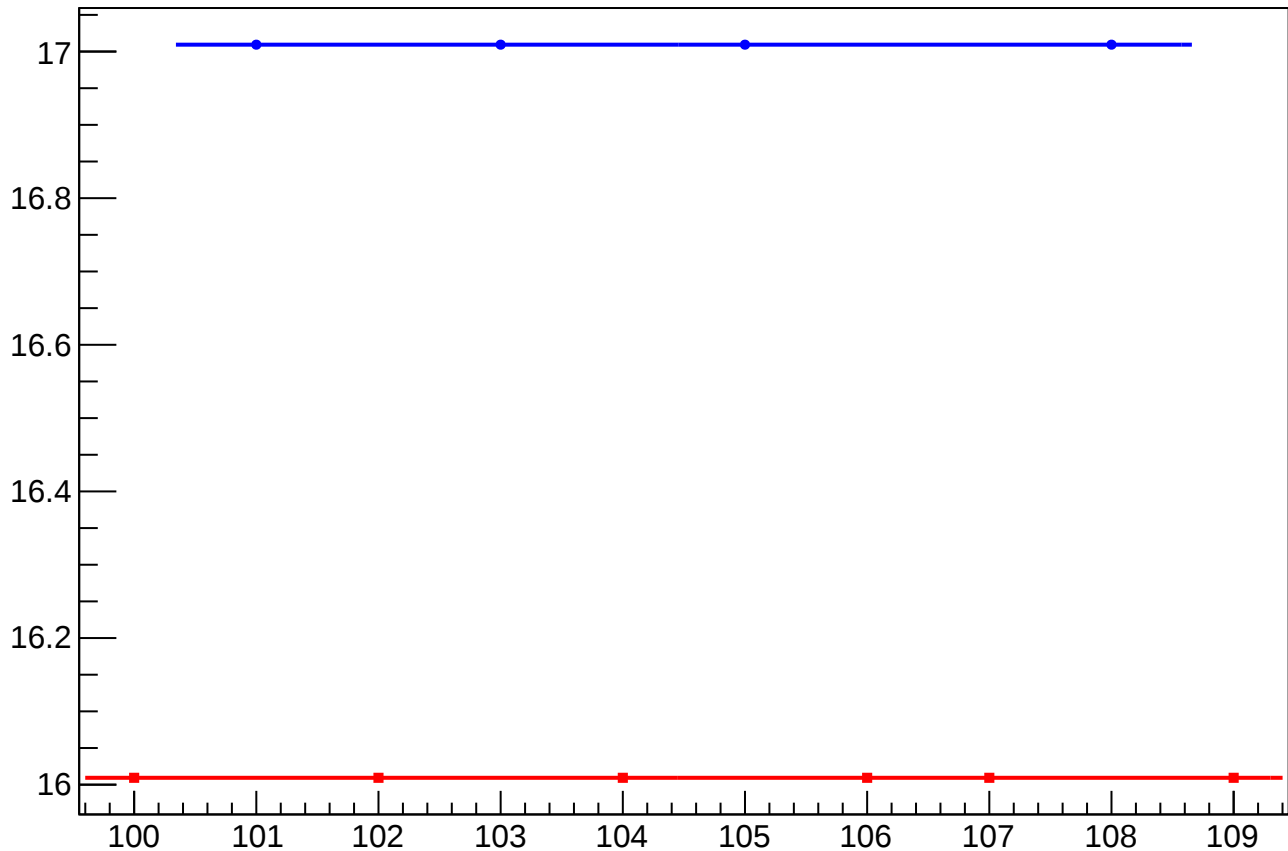
16.009 $\pm$ 0.000 χ^2 /NDF: 6260.4/3

Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 1950961612224315141390336.0/5

17.009 $\pm$ 0.000 χ^2 /NDF: 195096161222431514

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

epics_IGL1I00OD16_16s_mean vs slug



Right In: 17.009 ± 0.000 $\chi^2/\text{NDF}: 9138.2/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

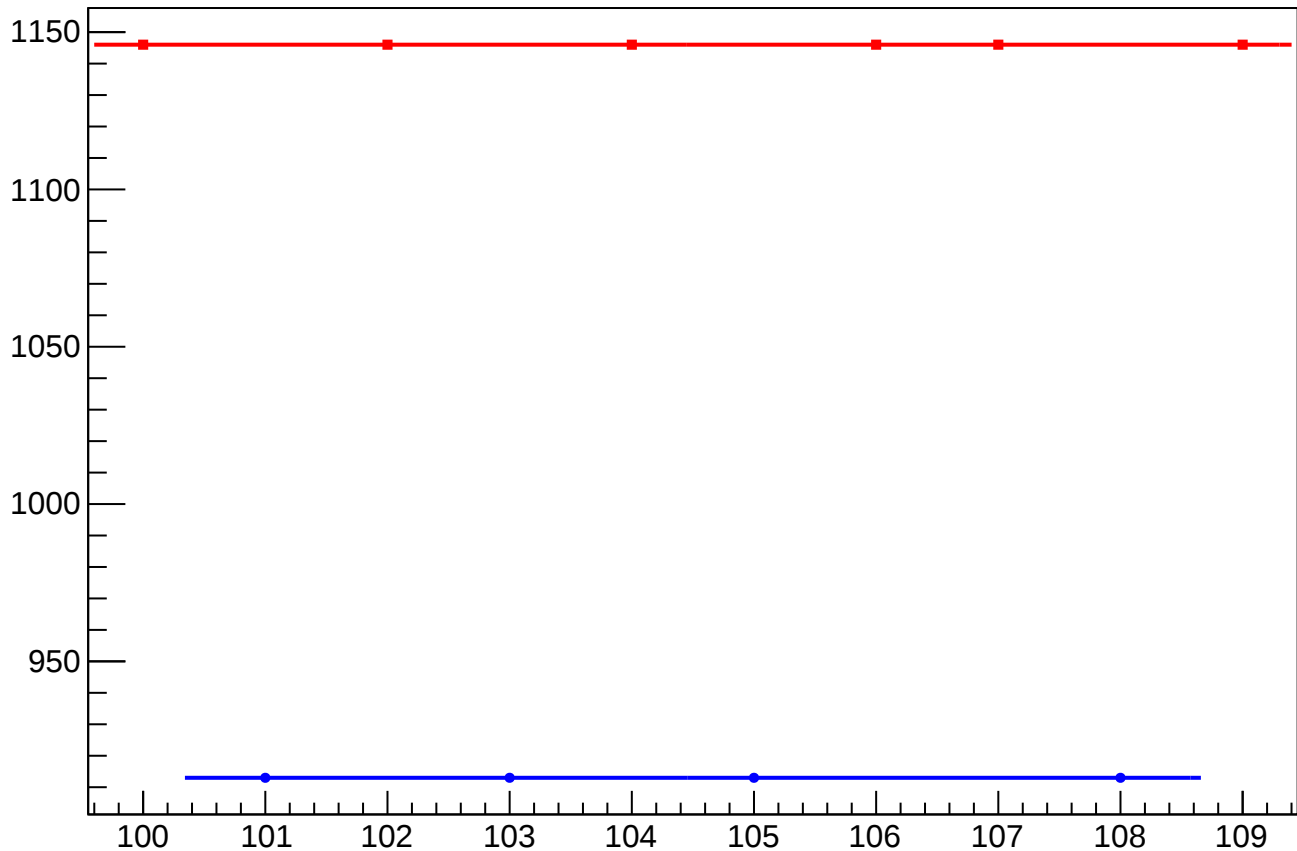
Right Out: 16.009 ± 0.000 $\chi^2/\text{NDF}: 6475.0/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

17.009 ± 0.000 $\chi^2/\text{NDF}: 9138.2/3$

16.009 ± 0.000 $\chi^2/\text{NDF}: 6475.0/5$

epics_RTPAPOSUCNTs_mean vs slug



Right In: 912.993 $\pm$ 0.000 χ^2 /NDF: 1346062485437390189926285312.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

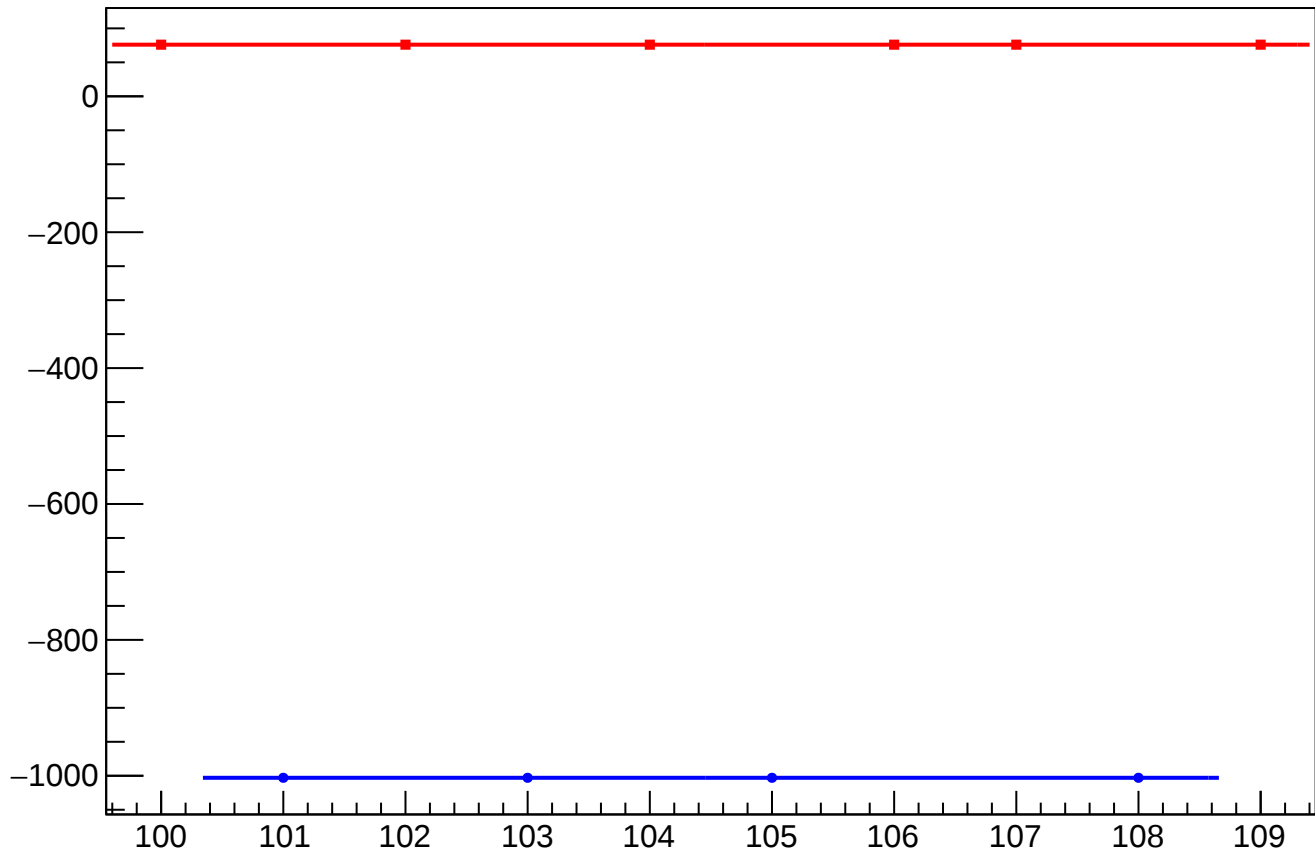
Right Out: 1146.010 $\pm$ 0.000 χ^2 /NDF: 671574948875607311688663040.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

912.993 $\pm$ 0.000 χ^2 /NDF: 1346062485437390189926285312.0/3

1146.010 $\pm$ 0.000 χ^2 /NDF: 671574948875607311688663040.0/5

epics_RTPAPOSVCNTs_mean vs slug



Right In: -1002.988+/-0.000 χ^2/NDF : 1055782658092424136574894080.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.009+/-0.000 χ^2/NDF : 1989460916810026015784960.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1002.988+/-0.000 χ^2/NDF : 105578265809242

76.009+/-0.000 χ^2/NDF : 19894609168100260