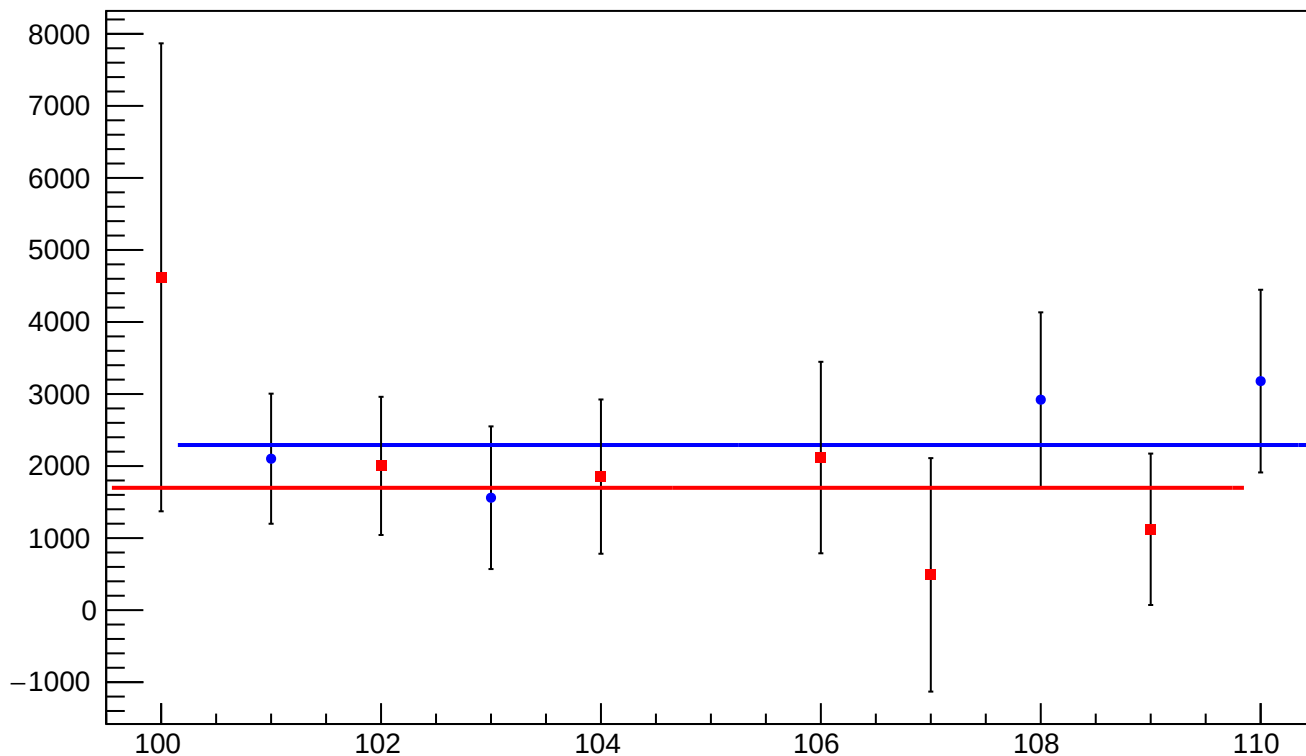


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2292.287+/-530.897 $\chi^2/\text{NDF: } 1.3/3$

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

Right Out: 1698.044+/-505.967 $\chi^2/\text{NDF: } 1.9/5$

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

Left: 0.000+/-0.000 $\chi^2/\text{NDF: } 0.0/0$

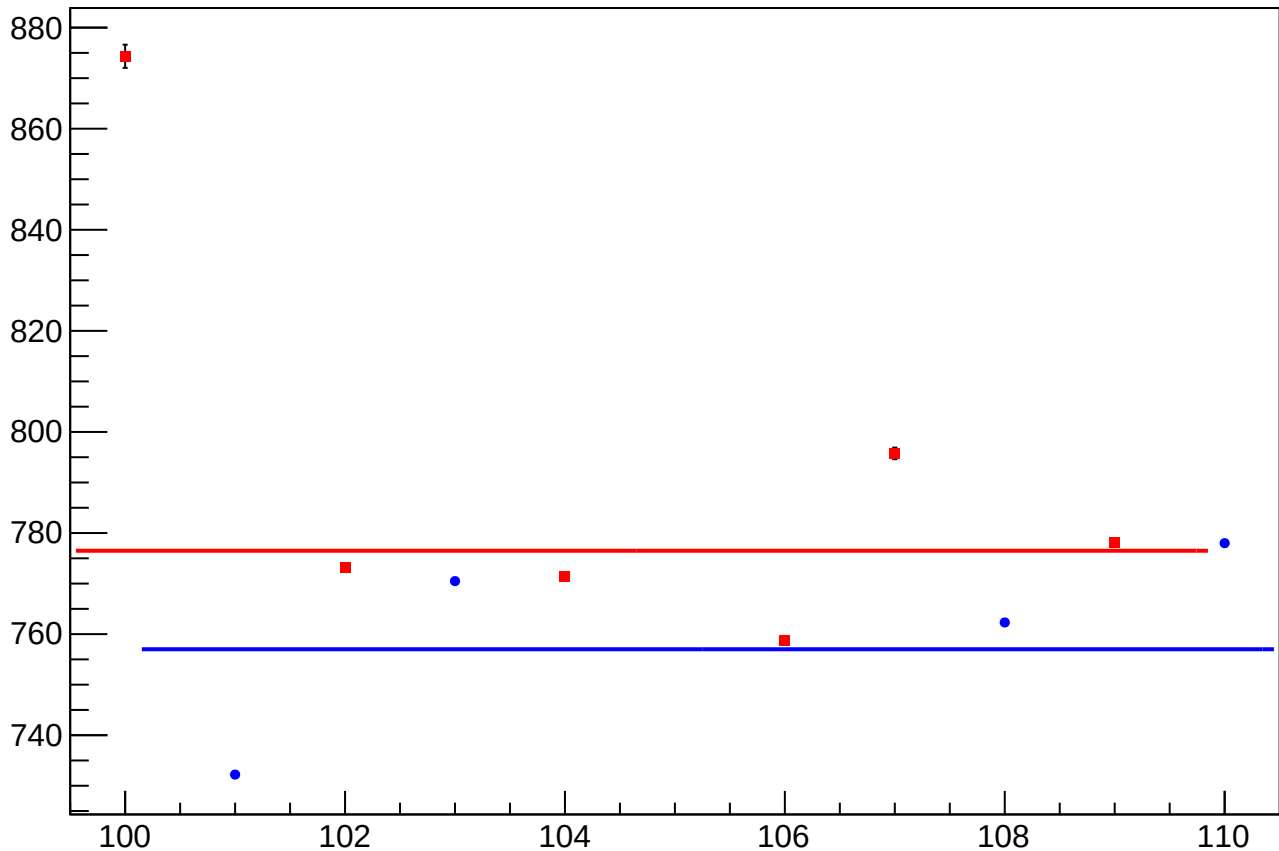
Right: 1980.886+/-366.269 $\chi^2/\text{NDF: } 3.9/9$

In: 2292.287+/-530.897 $\chi^2/\text{NDF: } 1.3/3$

Out: 0.000+/-0.000 $\chi^2/\text{NDF: } 0.0/0$

All: 1980.886+/-366.269 $\chi^2/\text{NDF: } 3.9/9$

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 757.006 $\pm$ 0.375 χ^2 /NDF: 2465.4/3

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

Right Out: 776.497 $\pm$ 0.358 χ^2 /NDF: 2523.3/5

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

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

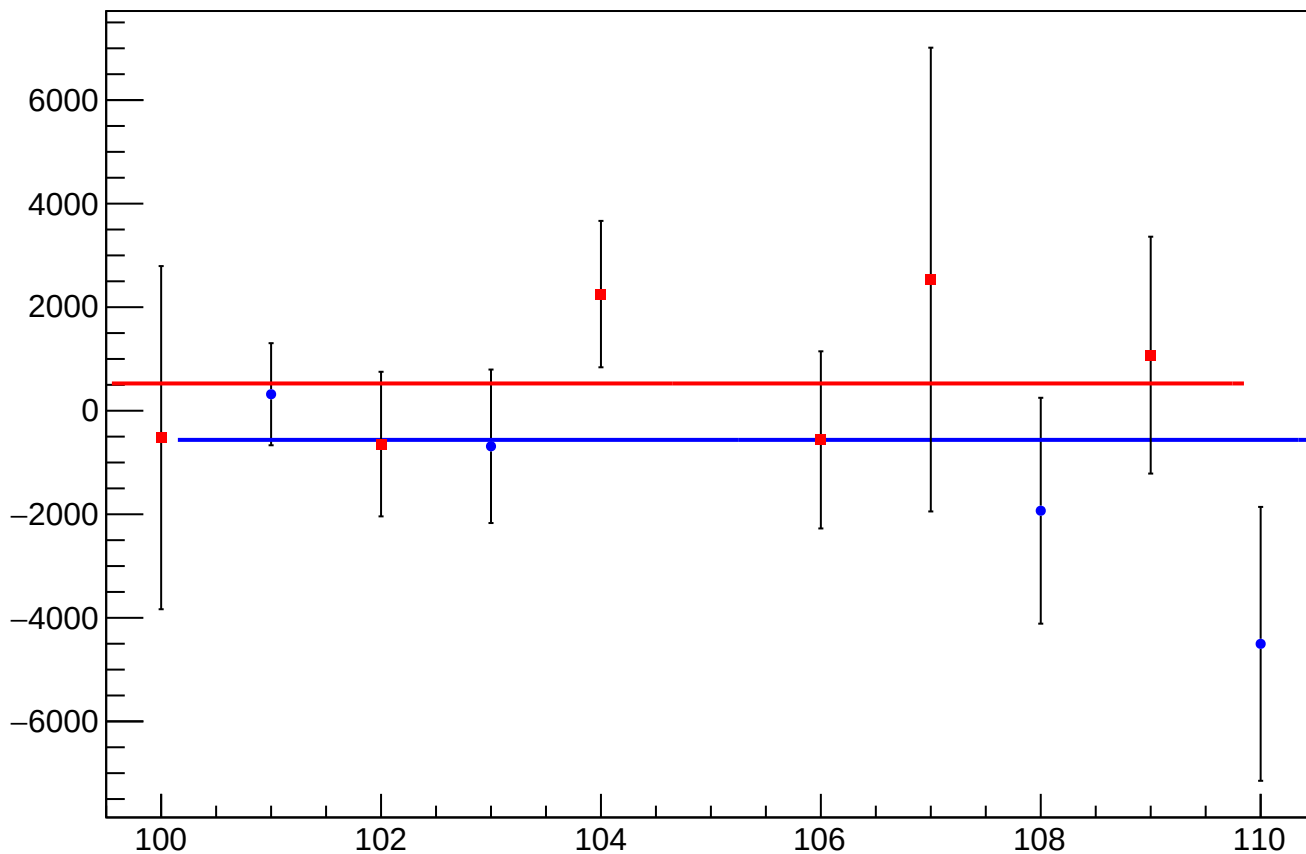
Right: 767.220 $\pm$ 0.259 χ^2 /NDF: 6401.3/9

In: 757.006 $\pm$ 0.375 χ^2 /NDF:2465.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 767.220 $\pm$ 0.259 χ^2 /NDF: 6401.3/9

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -562.986+/-737.837 χ^2/NDF : 3.4/3

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

Right Out: 526.638+/-769.946 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

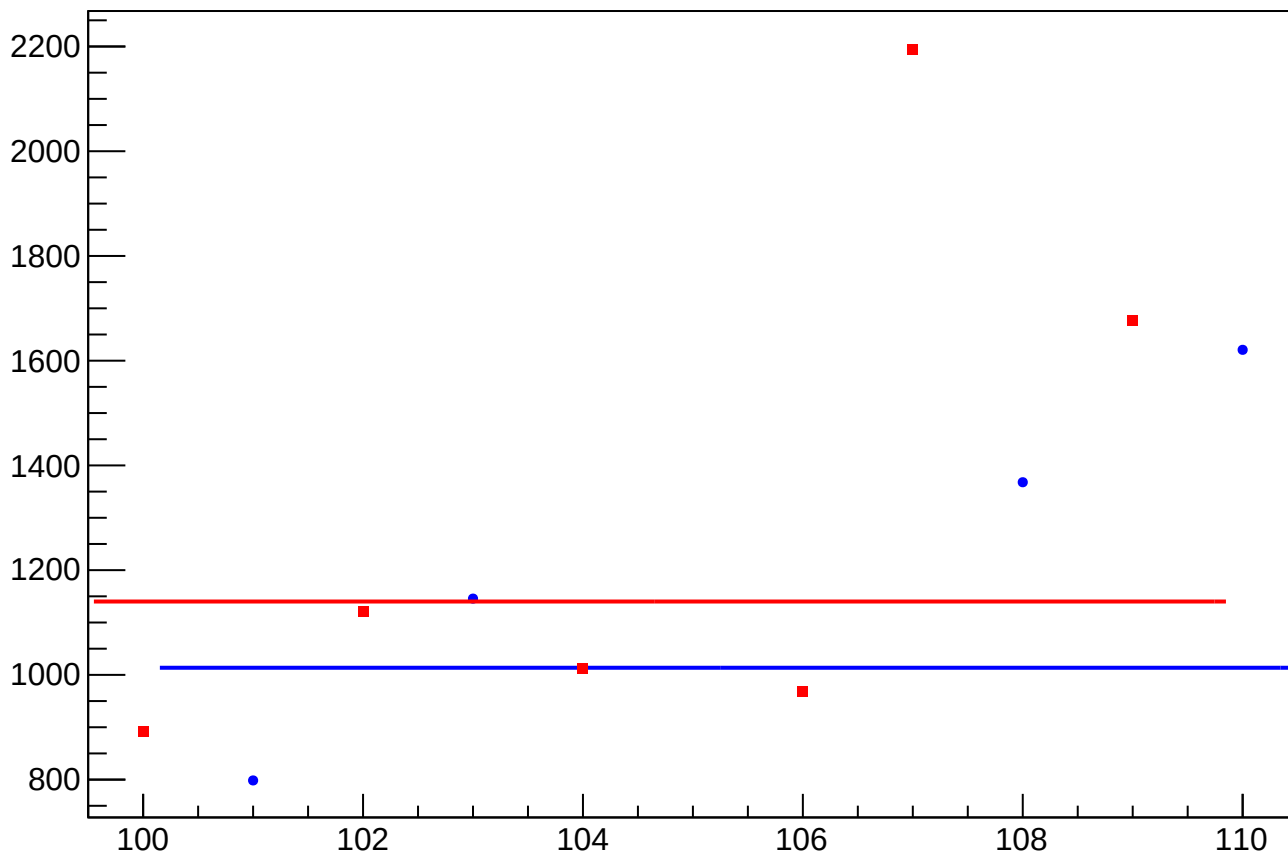
Right: -41.367+/-532.719 χ^2/NDF : 7.4/9

In: -562.986+/-737.837 χ^2/NDF :3.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -41.367+/-532.719 χ^2/NDF : 7.4/9

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1013.608 $\pm$ 0.522 χ^2 /NDF: 269262.4/3

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

Right Out: 1140.102 $\pm$ 0.544 χ^2 /NDF: 269301.3/5

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

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

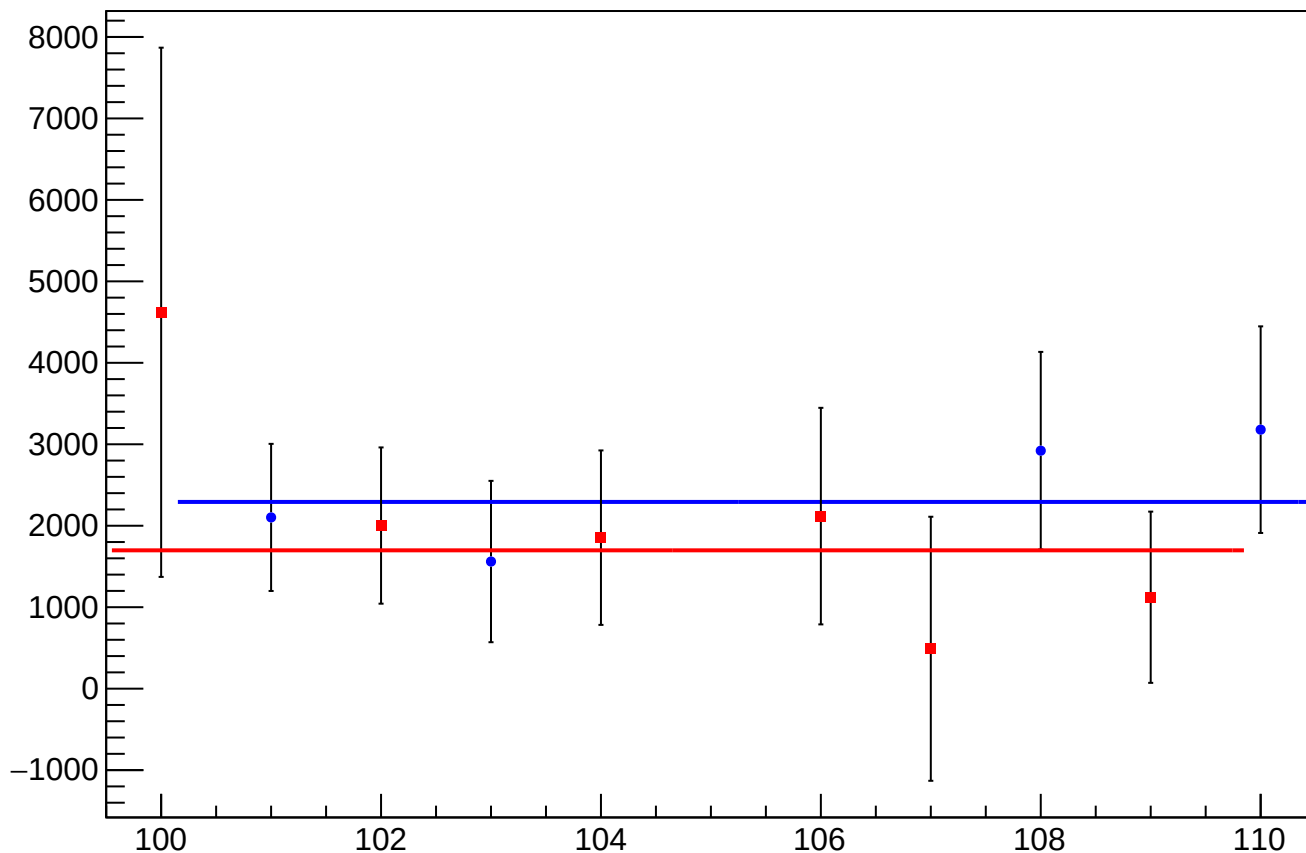
Right: 1074.162 $\pm$ 0.377 χ^2 /NDF: 566703.9/9

In: 1013.608 $\pm$ 0.522 χ^2 /NDF:269262.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1074.162 $\pm$ 0.377 χ^2 /NDF: 566703.9/9

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2292.287+/-530.897 χ^2/NDF : 1.3/3

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

Right Out: 1698.044+/-505.967 χ^2/NDF : 1.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

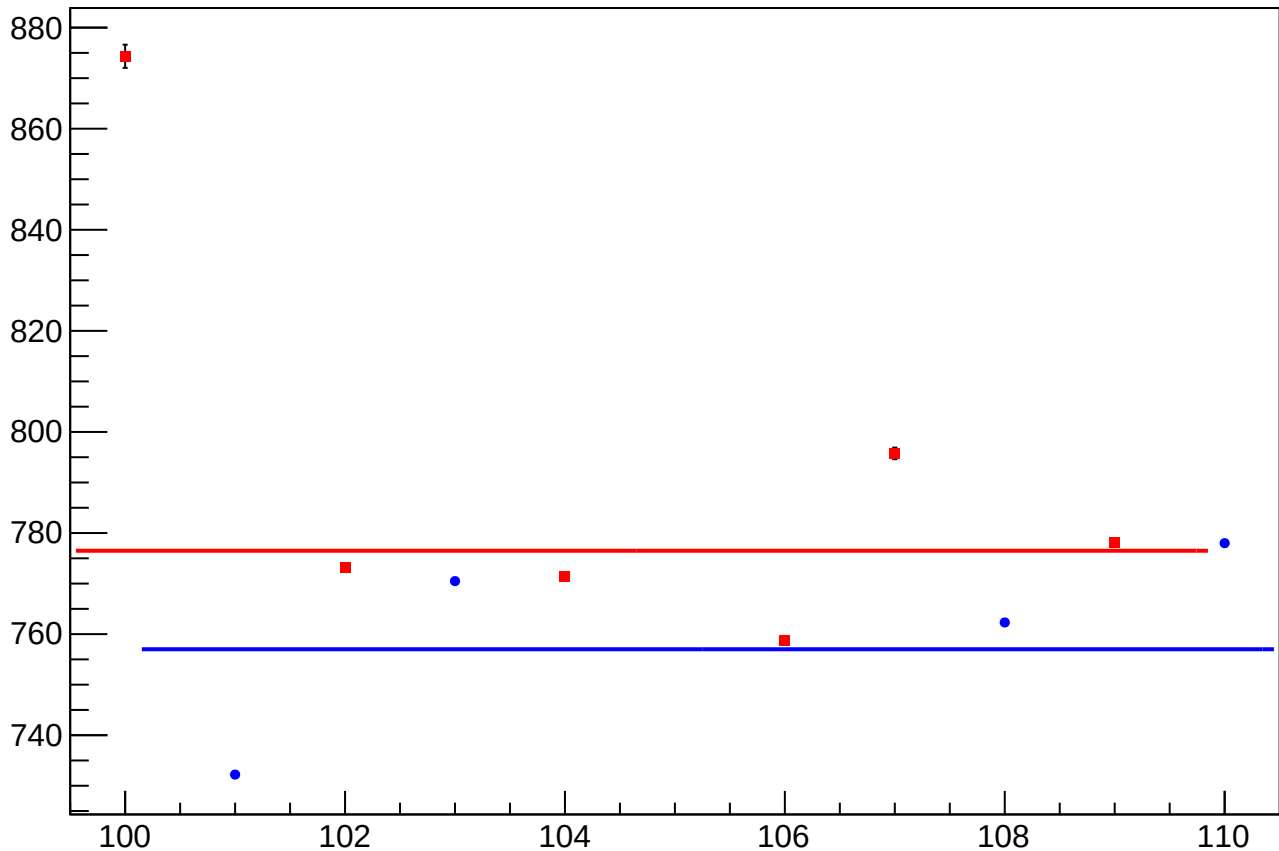
Right: 1980.886+/-366.269 χ^2/NDF : 3.9/9

In: 2292.287+/-530.897 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1980.886+/-366.269 χ^2/NDF : 3.9/9

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 757.006 $\pm$ 0.375 χ^2/NDF : 2465.4/3

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

Right Out: 776.497 $\pm$ 0.358 χ^2/NDF : 2523.3/5

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

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

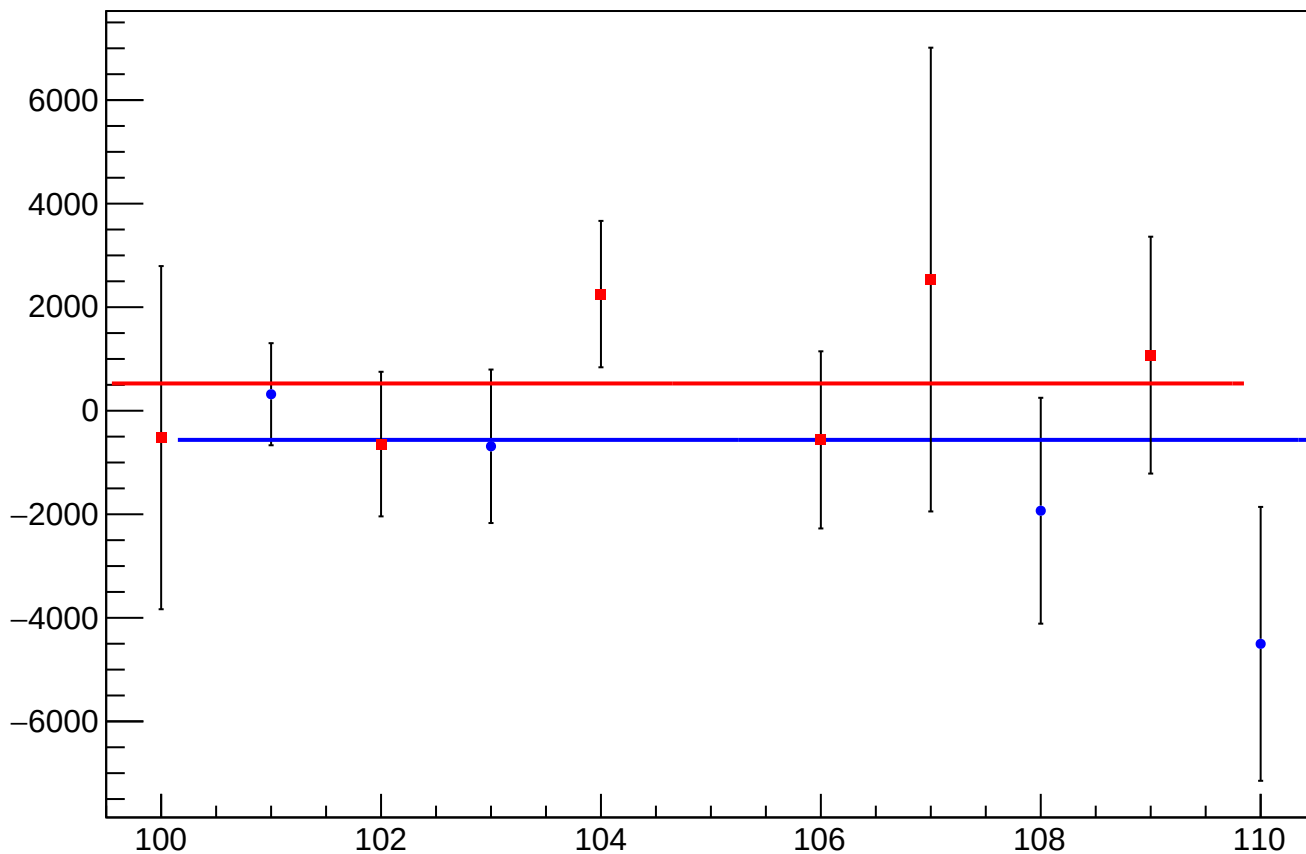
Right: 767.220 $\pm$ 0.259 χ^2/NDF : 6401.3/9

In: 757.006 $\pm$ 0.375 χ^2/NDF : 2465.4/3

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

All: 767.220 $\pm$ 0.259 χ^2/NDF : 6401.3/9

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -562.986+/-737.837 χ^2/NDF : 3.4/3

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

Right Out: 526.638+/-769.946 χ^2/NDF : 3.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

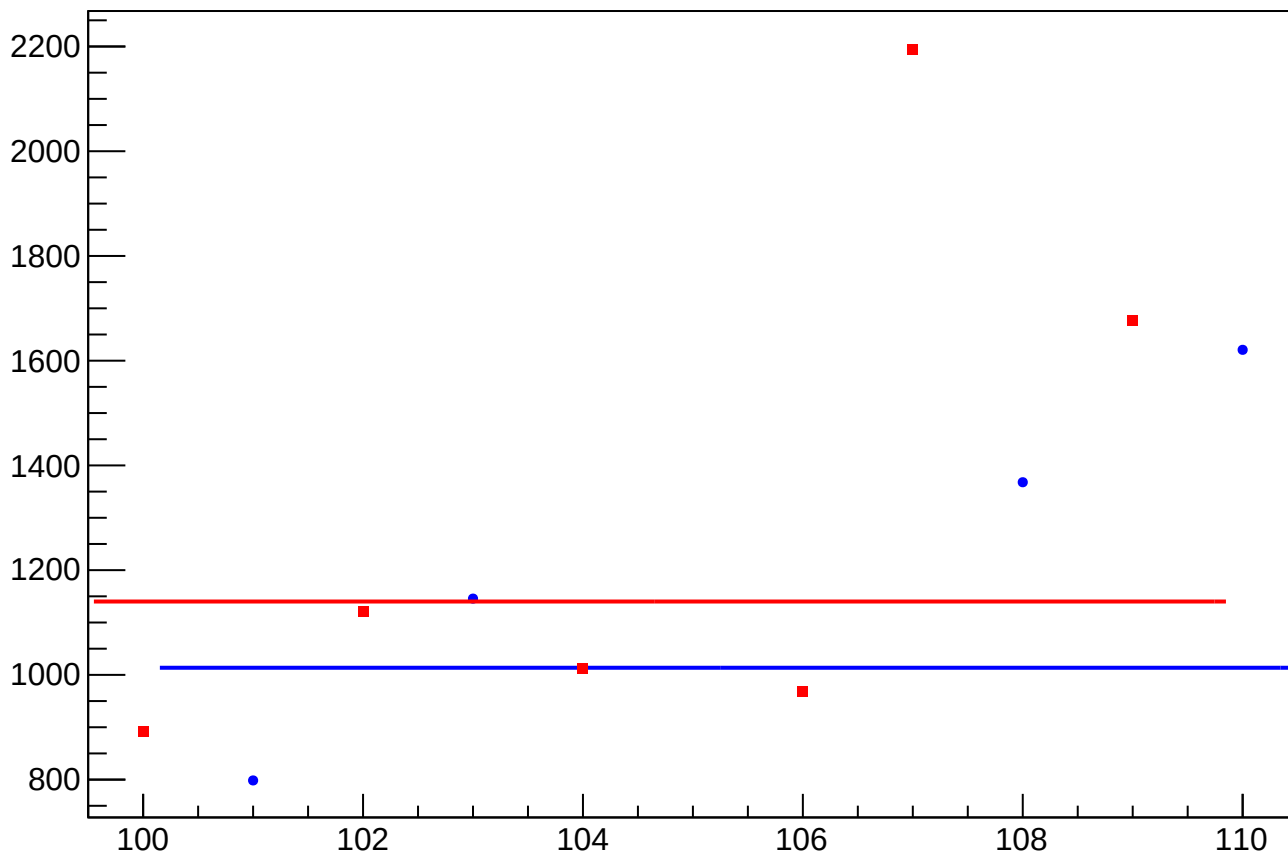
Right: -41.367+/-532.719 χ^2/NDF : 7.4/9

In: -562.986+/-737.837 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.367+/-532.719 χ^2/NDF : 7.4/9

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1013.608 $\pm$ 0.522 χ^2 /NDF: 269262.4/3

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

Right Out: 1140.102 $\pm$ 0.544 χ^2 /NDF: 269301.3/5

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

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

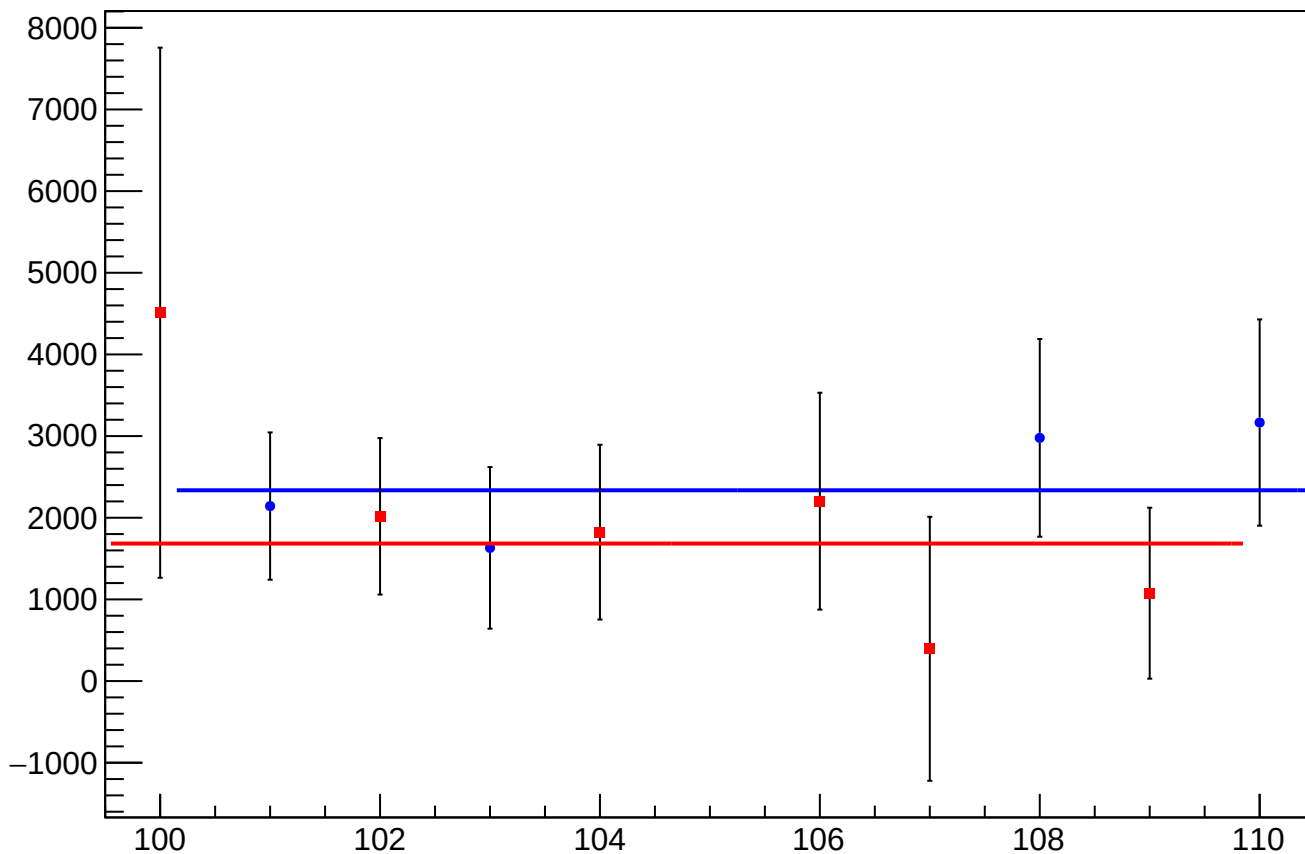
Right: 1074.162 $\pm$ 0.377 χ^2 /NDF: 566703.9/9

In: 1013.608 $\pm$ 0.522 χ^2 /NDF:269262.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1074.162 $\pm$ 0.377 χ^2 /NDF: 566703.9/9

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2336.226+/-530.064 χ^2/NDF : 1.3/3

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

Right Out: 1683.827+/-505.106 χ^2/NDF : 2.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

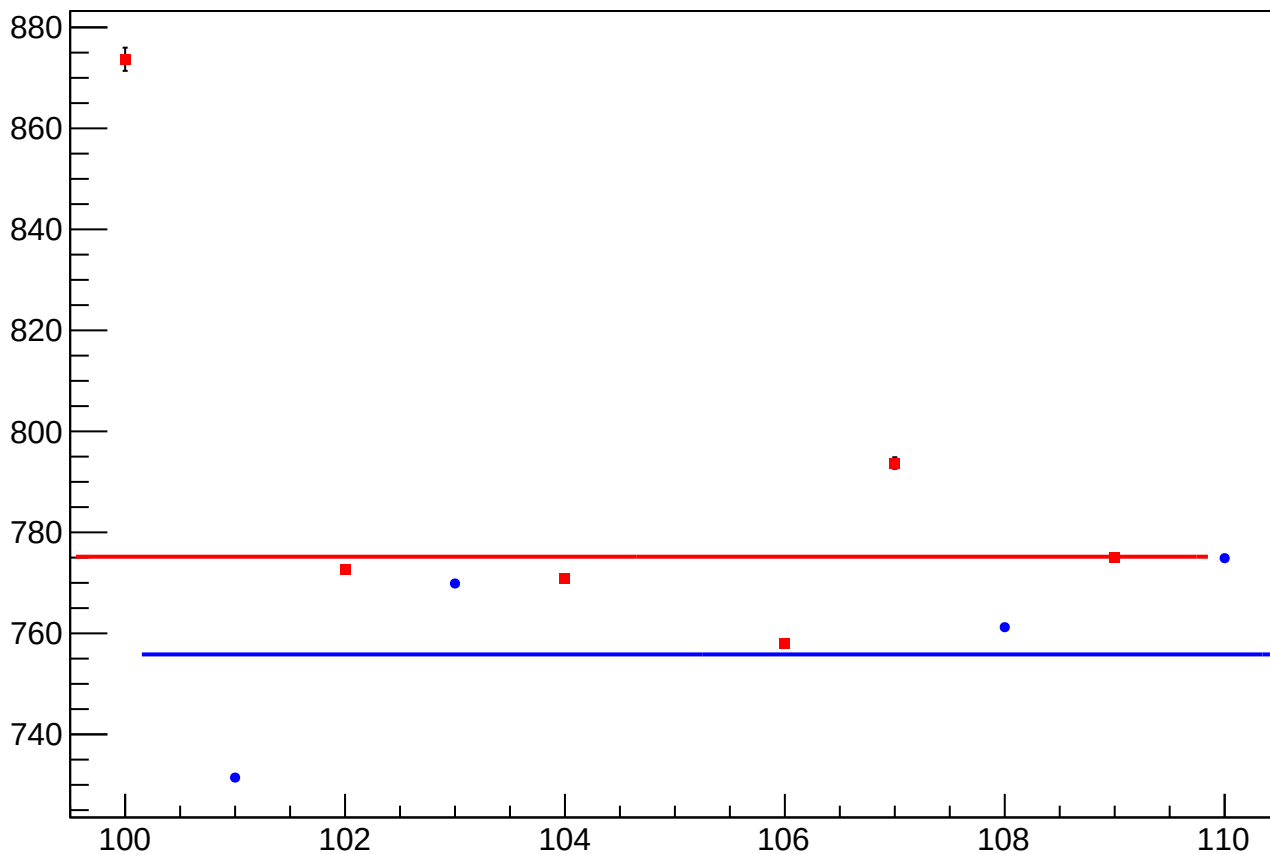
Right: 1994.307+/-365.669 χ^2/NDF : 4.1/9

In: 2336.226+/-530.064 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1994.307+/-365.669 χ^2/NDF : 4.1/9

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 755.830+/-0.375 χ^2/NDF : 2360.2/3

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

Right Out: 775.181+/-0.357 χ^2/NDF : 2483.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

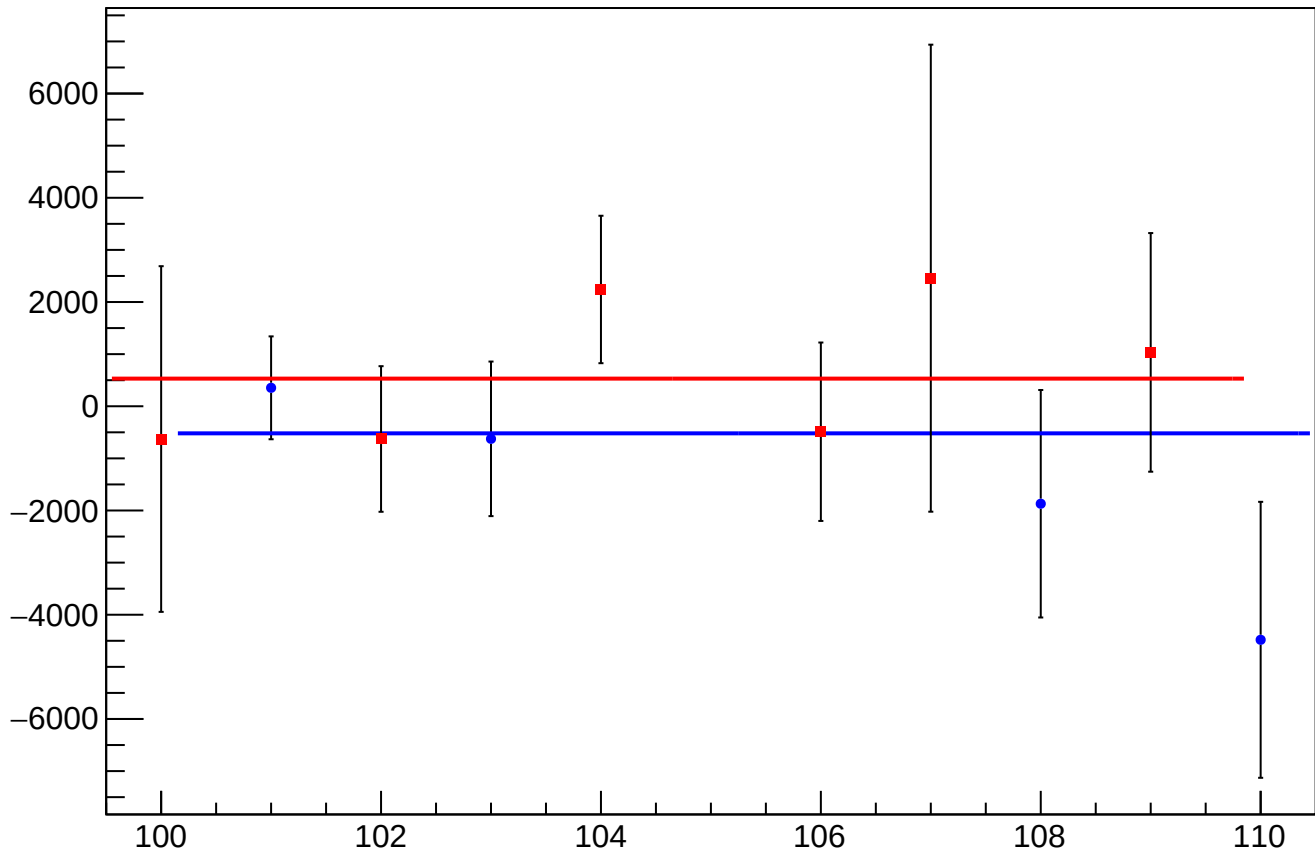
Right: 765.972+/-0.259 χ^2/NDF : 6240.5/9

In: 755.830+/-0.375 χ^2/NDF : 2360.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 765.972+/-0.259 χ^2/NDF : 6240.5/9

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -519.630+/-738.363 χ^2/NDF : 3.4/3

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

Right Out: 530.351+/-770.320 χ^2/NDF : 2.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

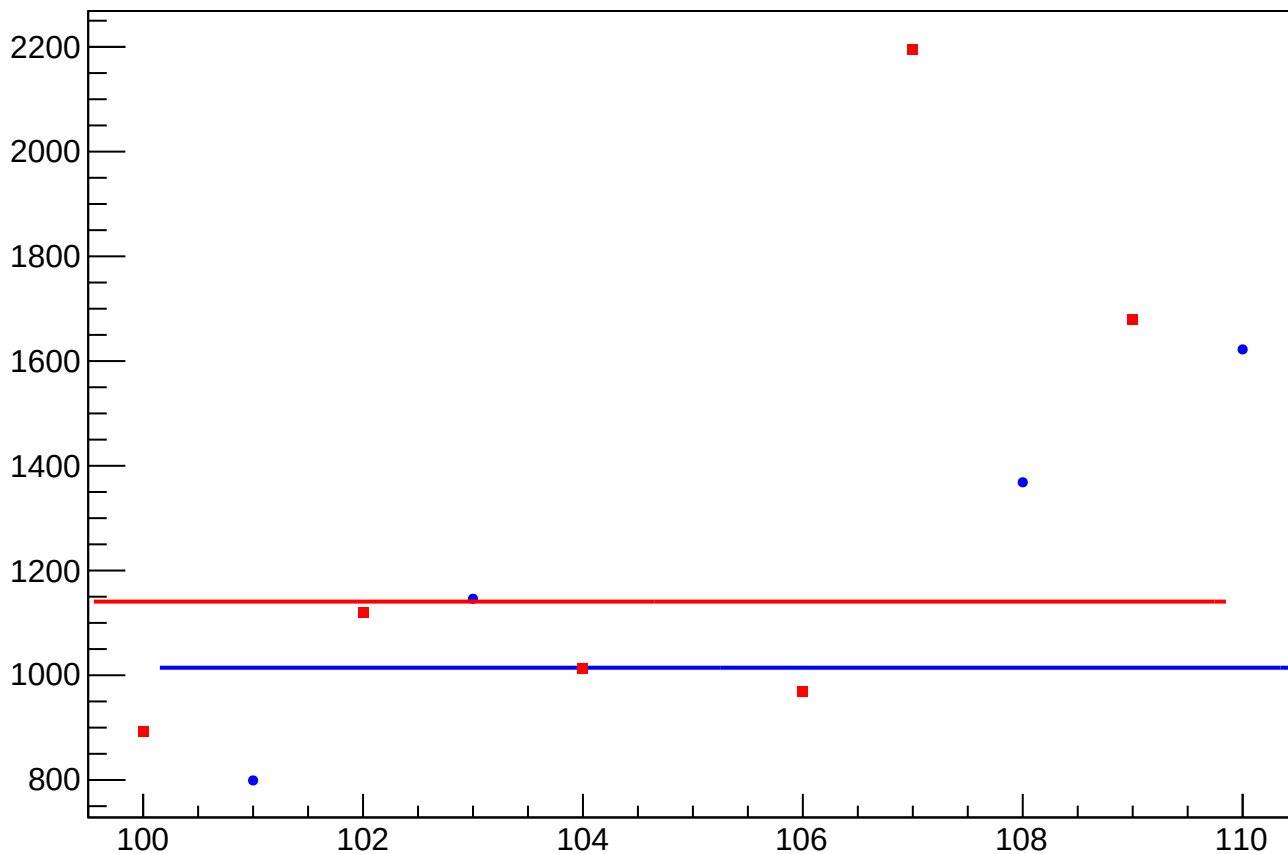
Right: -16.870+/-533.041 χ^2/NDF : 7.2/9

In: -519.630+/-738.363 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.870+/-533.041 χ^2/NDF : 7.2/9

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1014.367+/-0.522 χ^2/NDF : 269013.0/3

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

Right Out: 1140.651+/-0.545 χ^2/NDF : 269371.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

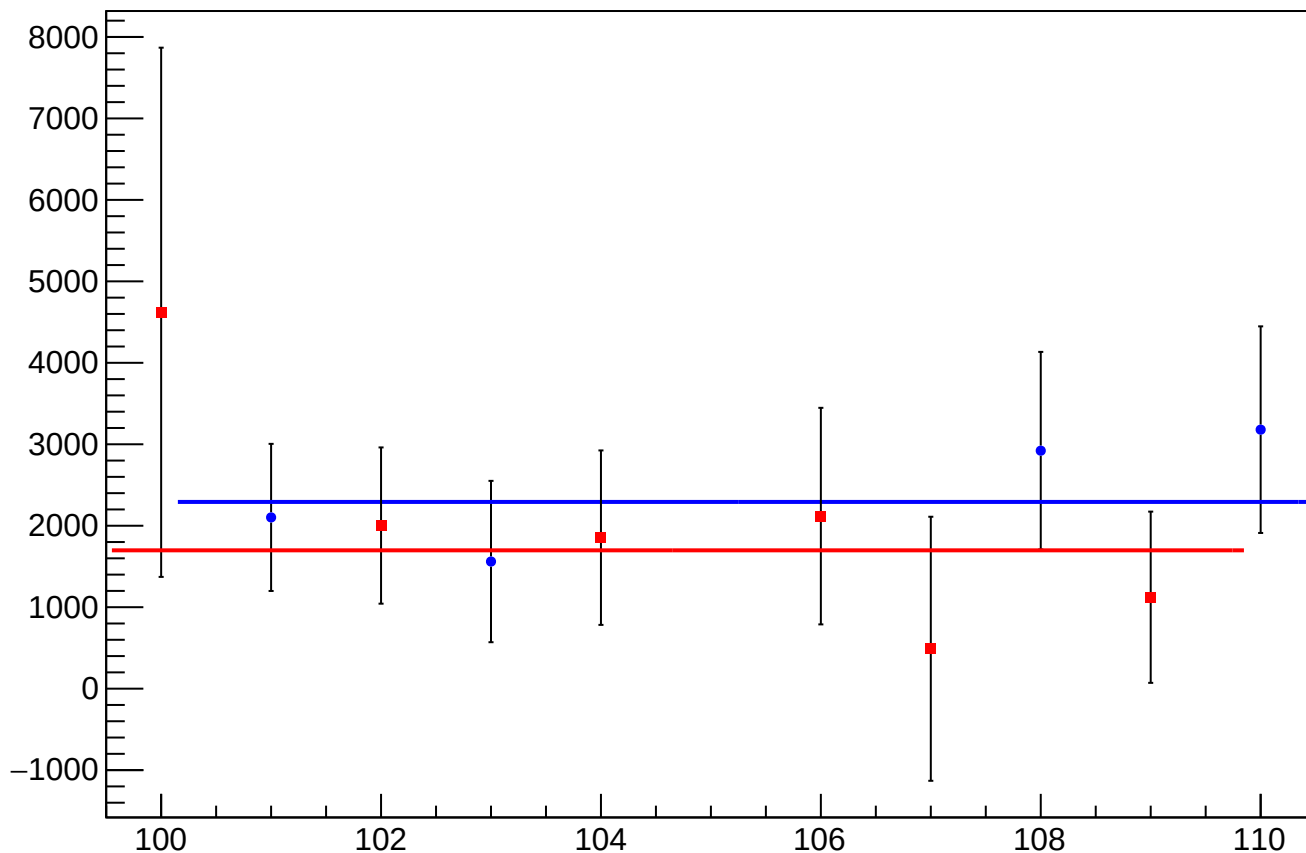
Right: 1074.835+/-0.377 χ^2/NDF : 566397.6/9

In: 1014.367+/-0.522 χ^2/NDF : 269013.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1074.835+/-0.377 χ^2/NDF : 566397.6/9

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2292.287+/-530.897 χ^2/NDF : 1.3/3

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

Right Out: 1698.044+/-505.967 χ^2/NDF : 1.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

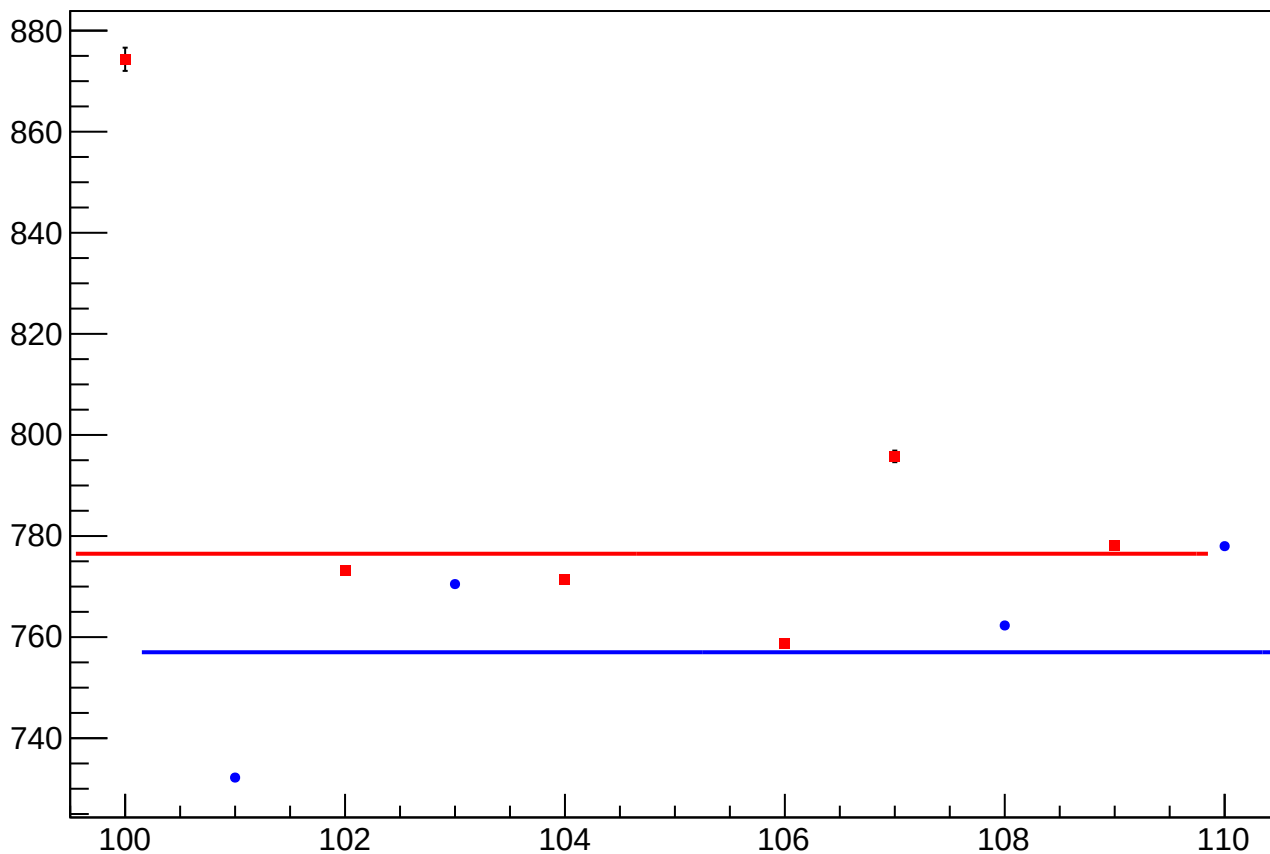
Right: 1980.886+/-366.269 χ^2/NDF : 3.9/9

In: 2292.287+/-530.897 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1980.886+/-366.269 χ^2/NDF : 3.9/9

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 757.006 $\pm$ 0.375 χ^2 /NDF: 2465.4/3

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

Right Out: 776.497 $\pm$ 0.358 χ^2 /NDF: 2523.3/5

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

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

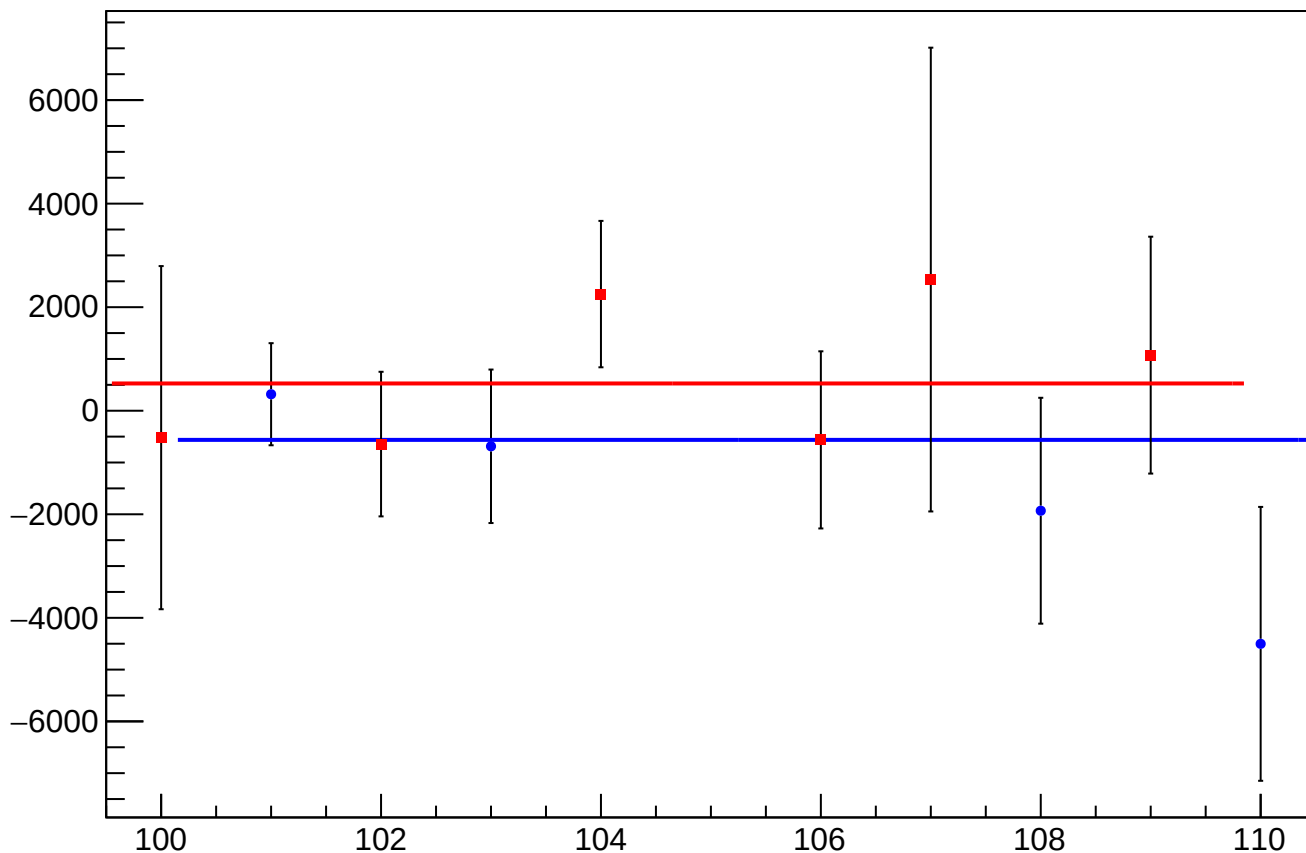
Right: 767.220 $\pm$ 0.259 χ^2 /NDF: 6401.3/9

In: 757.006 $\pm$ 0.375 χ^2 /NDF:2465.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 767.220 $\pm$ 0.259 χ^2 /NDF: 6401.3/9

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -562.986+/-737.837 χ^2/NDF : 3.4/3

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

Right Out: 526.638+/-769.946 χ^2/NDF : 3.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

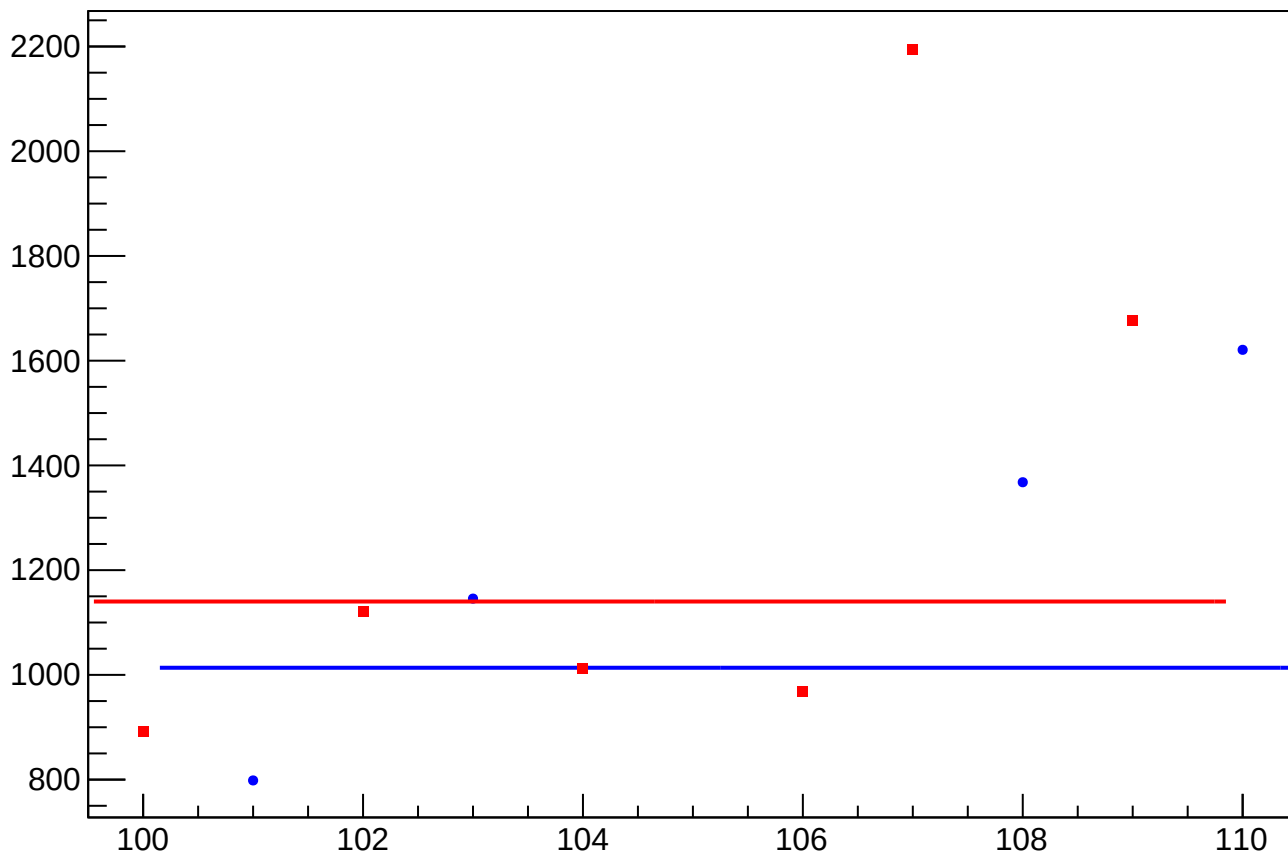
Right: -41.367+/-532.719 χ^2/NDF : 7.4/9

In: -562.986+/-737.837 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.367+/-532.719 χ^2/NDF : 7.4/9

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1013.608 $\pm$ 0.522 χ^2 /NDF: 269262.4/3

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

Right Out: 1140.102 $\pm$ 0.544 χ^2 /NDF: 269301.3/5

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

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

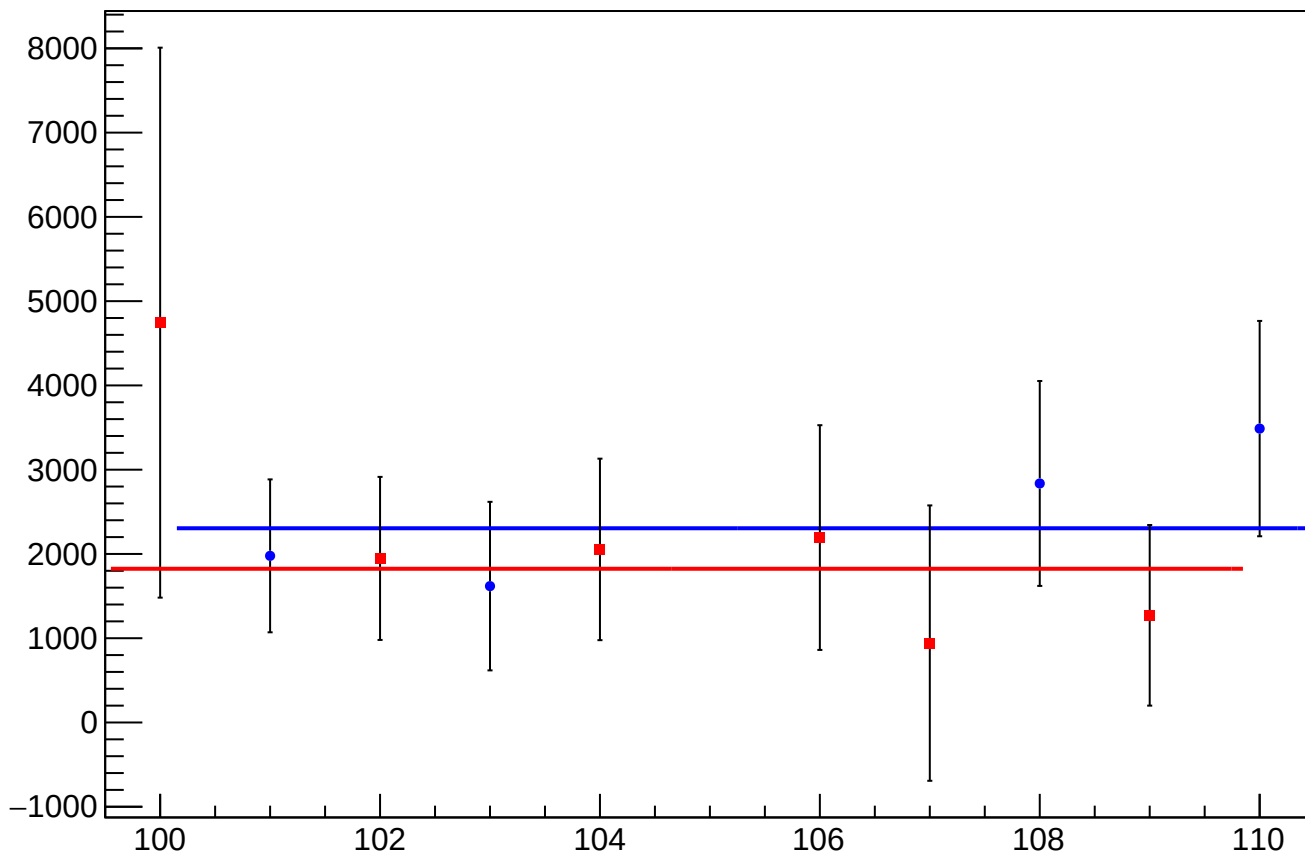
Right: 1074.162 $\pm$ 0.377 χ^2 /NDF: 566703.9/9

In: 1013.608 $\pm$ 0.522 χ^2 /NDF:269262.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1074.162 $\pm$ 0.377 χ^2 /NDF: 566703.9/9

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2304.900+/-534.257 χ^2/NDF : 1.6/3

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

Right Out: 1824.275+/-510.828 χ^2/NDF : 1.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

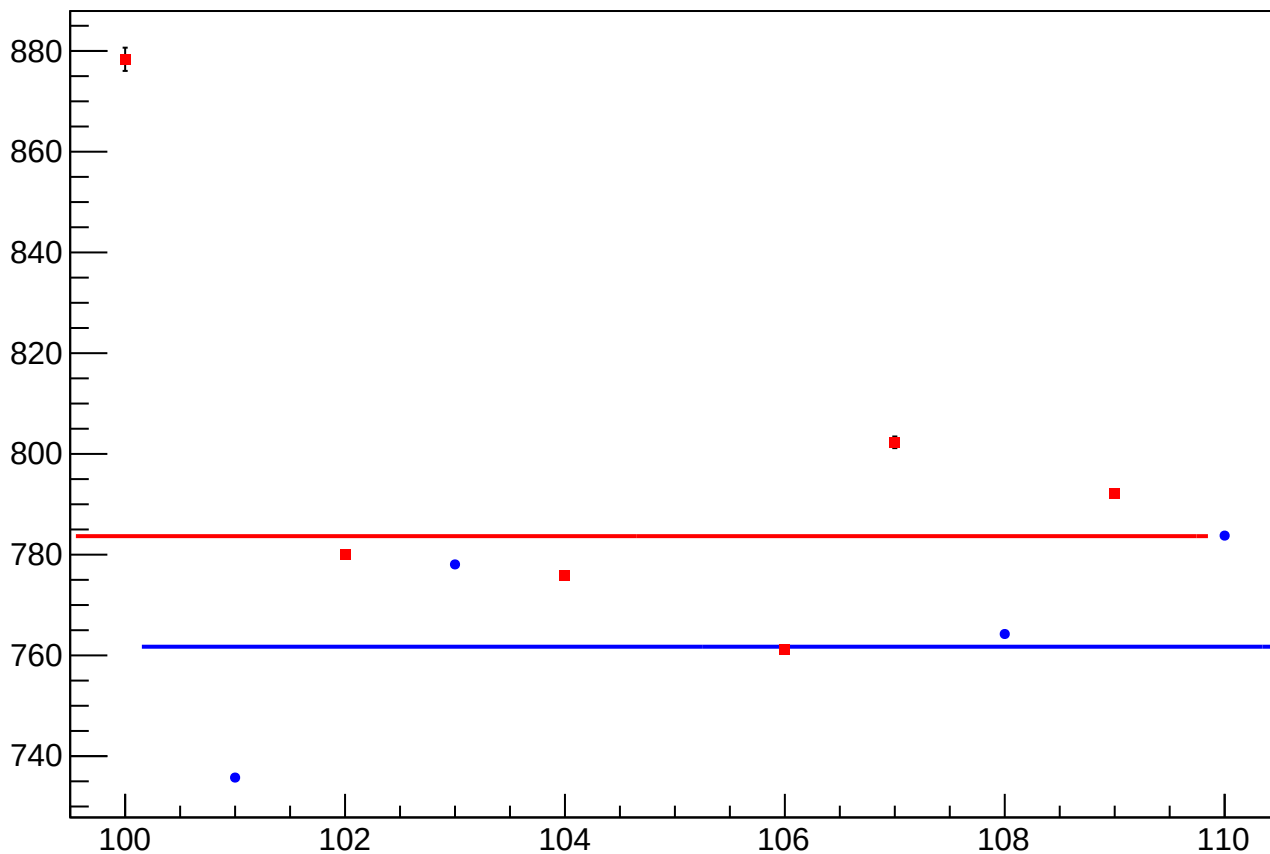
Right: 2053.818+/-369.215 χ^2/NDF : 3.6/9

In: 2304.900+/-534.257 χ^2/NDF : 1.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2053.818+/-369.215 χ^2/NDF : 3.6/9

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 761.725 ± 0.378 χ^2/NDF : 2778.1/3

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

Right Out: 783.675 ± 0.361 χ^2/NDF : 2769.9/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

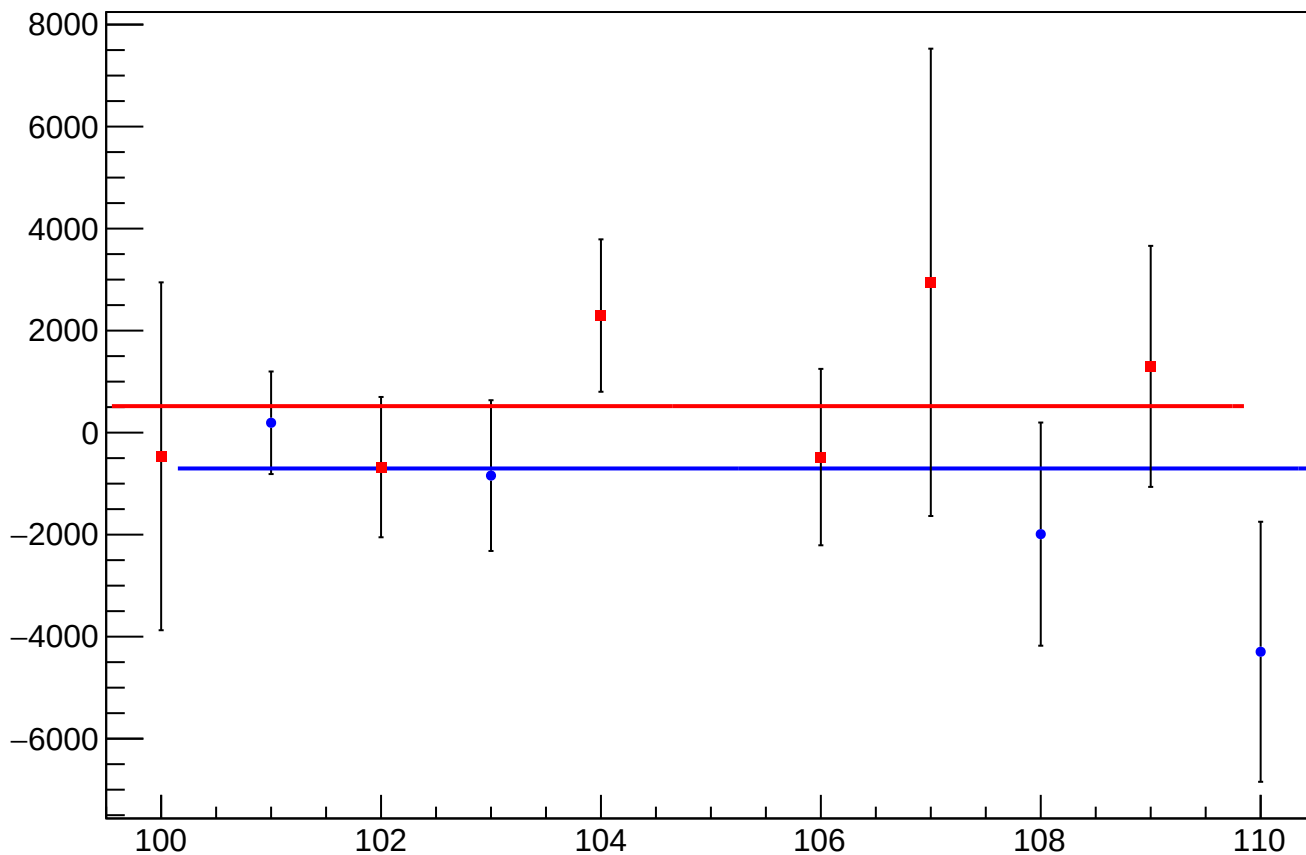
Right: 773.192 ± 0.261 χ^2/NDF : 7311.7/9

In: 761.725 ± 0.378 χ^2/NDF : 2778.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 773.192 ± 0.261 χ^2/NDF : 7311.7/9

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -702.676+/-743.326 χ^2/NDF : 3.1/3

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

Right Out: 519.444+/-784.755 χ^2/NDF : 3.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

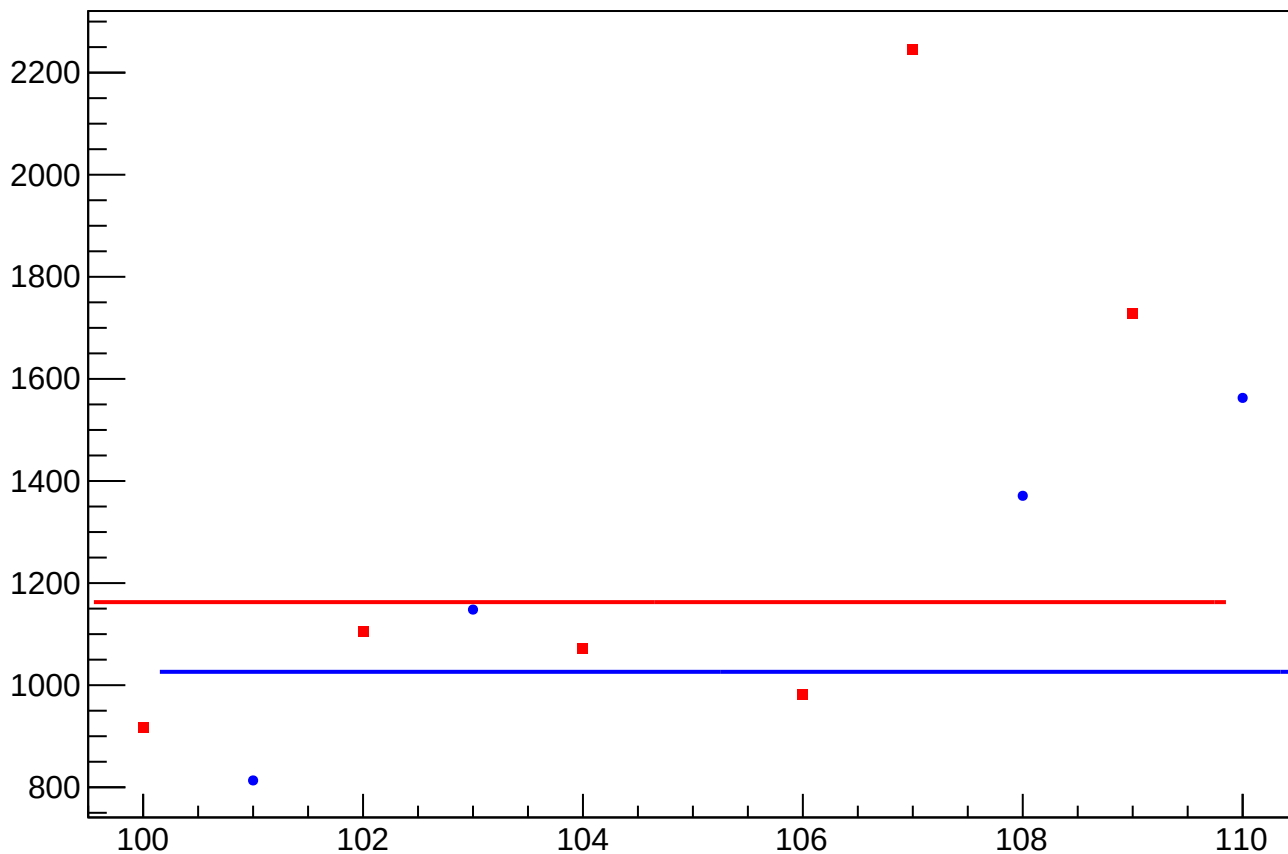
Right: -124.726+/-539.663 χ^2/NDF : 7.4/9

In: -702.676+/-743.326 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.726+/-539.663 χ^2/NDF : 7.4/9

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1026.182+/-0.526 χ^2/NDF : 241501.1/3

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

Right Out: 1162.717+/-0.555 χ^2/NDF : 269346.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

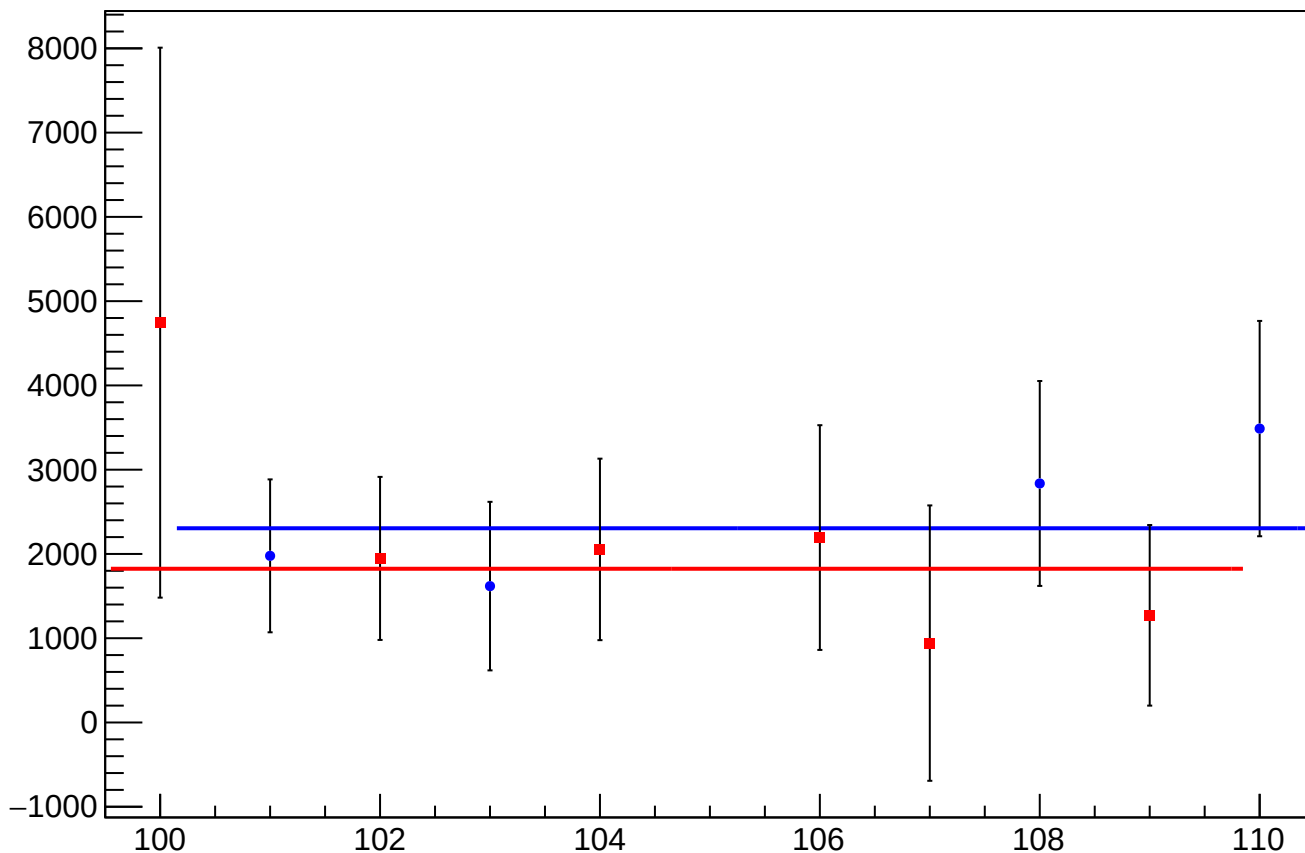
Right: 1090.750+/-0.382 χ^2/NDF : 542757.8/9

In: 1026.182+/-0.526 χ^2/NDF : 241501.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1090.750+/-0.382 χ^2/NDF : 542757.8/9

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2304.902+/-534.257 χ^2/NDF : 1.6/3

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

Right Out: 1824.269+/-510.828 χ^2/NDF : 1.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

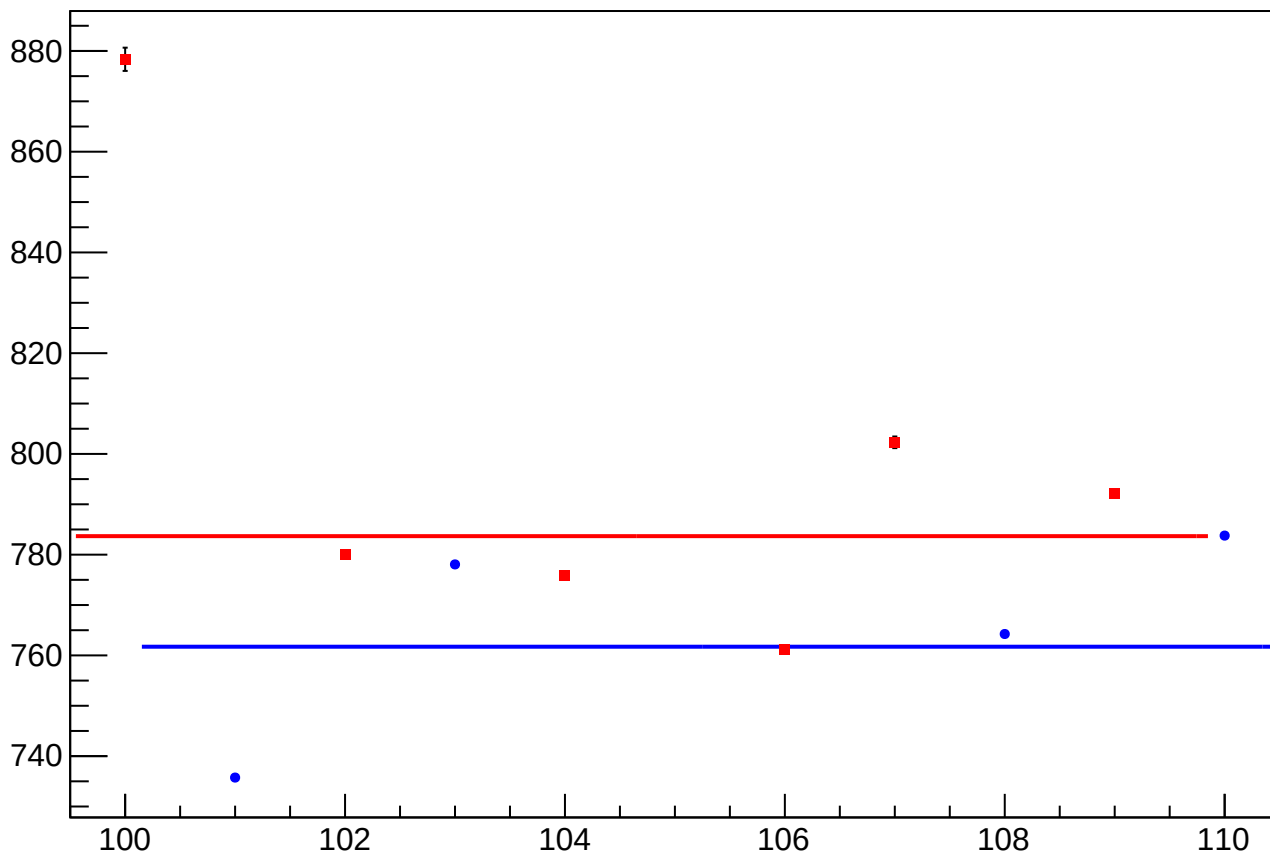
Right: 2053.816+/-369.215 χ^2/NDF : 3.6/9

In: 2304.902+/-534.257 χ^2/NDF : 1.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2053.816+/-369.215 χ^2/NDF : 3.6/9

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 761.725 $\pm$ 0.378 χ^2 /NDF: 2778.2/3

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

Right Out: 783.675 $\pm$ 0.361 χ^2 /NDF: 2769.9/5

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

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

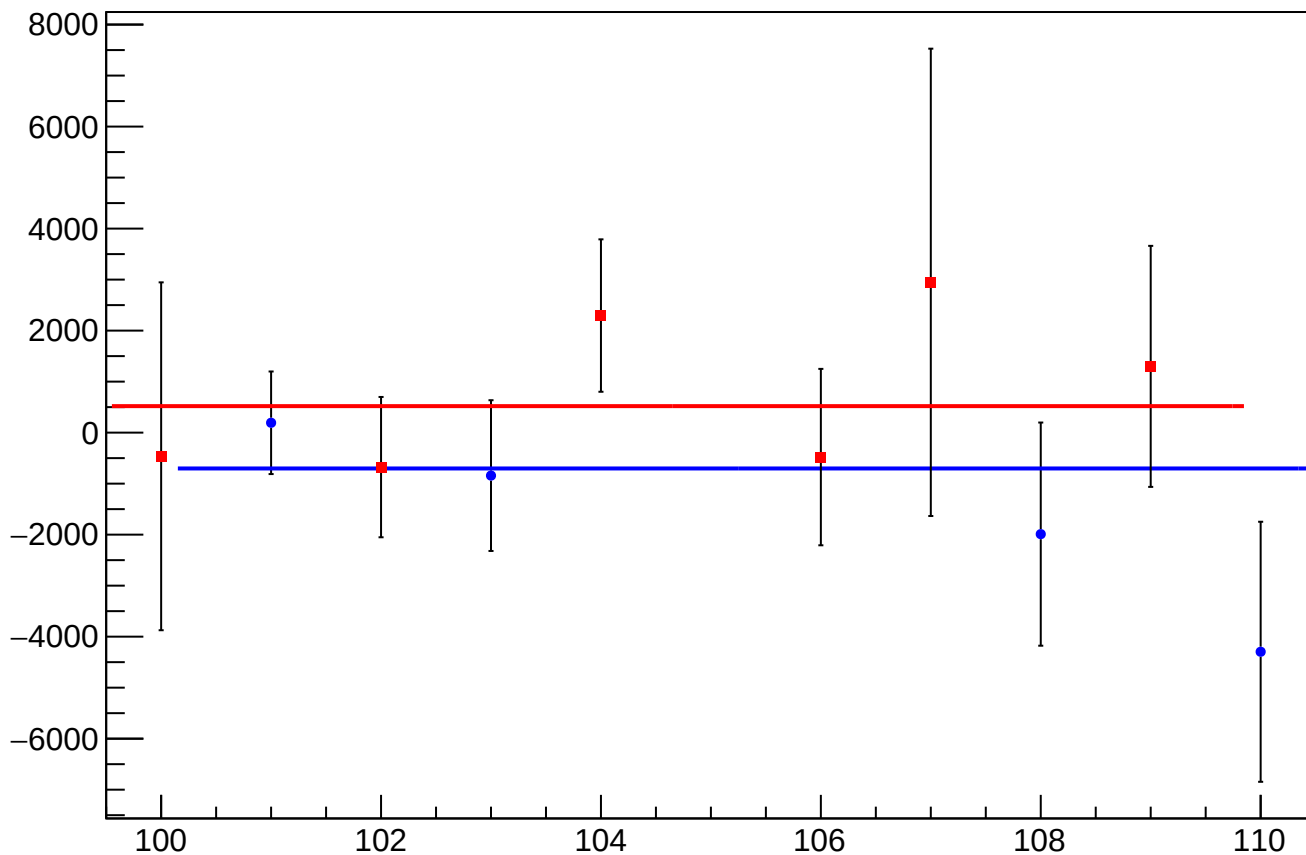
Right: 773.192 $\pm$ 0.261 χ^2 /NDF: 7311.6/9

In: 761.725 $\pm$ 0.378 χ^2 /NDF:2778.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 773.192 $\pm$ 0.261 χ^2 /NDF: 7311.6/9

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -702.677+/-743.325 χ^2/NDF : 3.1/3

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

Right Out: 519.441+/-784.753 χ^2/NDF : 3.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

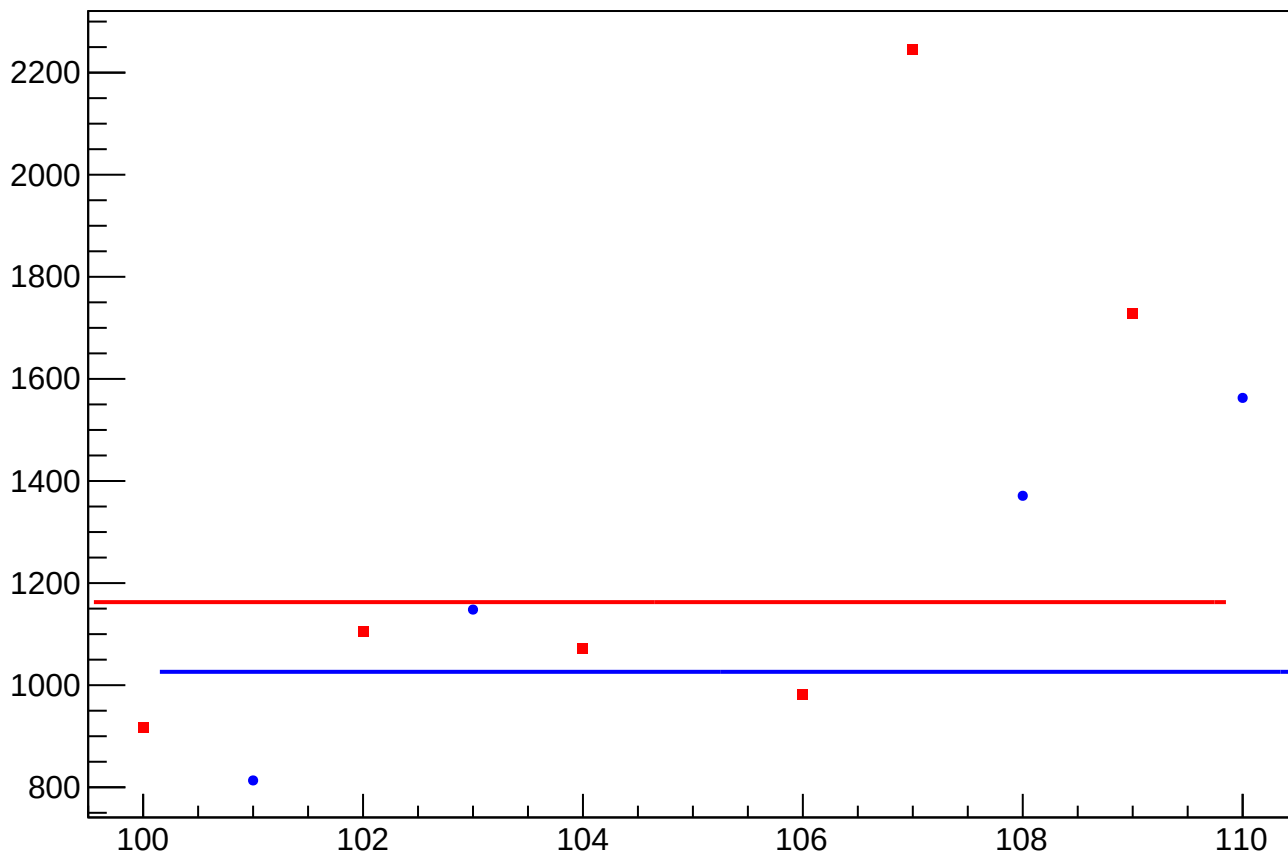
Right: -124.727+/-539.662 χ^2/NDF : 7.4/9

In: -702.677+/-743.325 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.727+/-539.662 χ^2/NDF : 7.4/9

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1026.180+/-0.526 χ^2/NDF : 241500.0/3

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

Right Out: 1162.714+/-0.555 χ^2/NDF : 269344.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

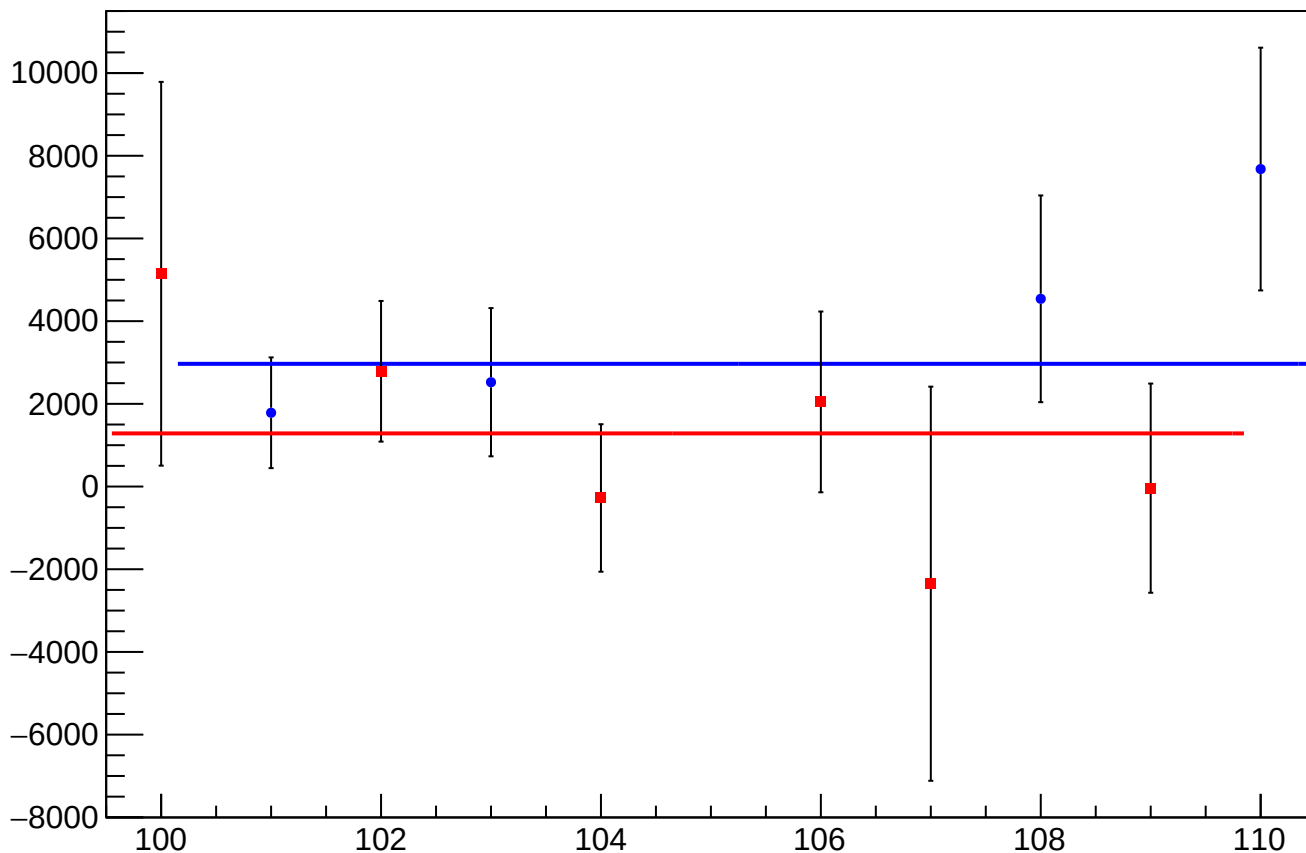
Right: 1090.748+/-0.382 χ^2/NDF : 542755.1/9

In: 1026.180+/-0.526 χ^2/NDF : 241500.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1090.748+/-0.382 χ^2/NDF : 542755.1/9

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2968.002+/-934.620 χ^2/NDF : 3.8/3

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

Right Out: 1285.209+/-946.634 χ^2/NDF : 3.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

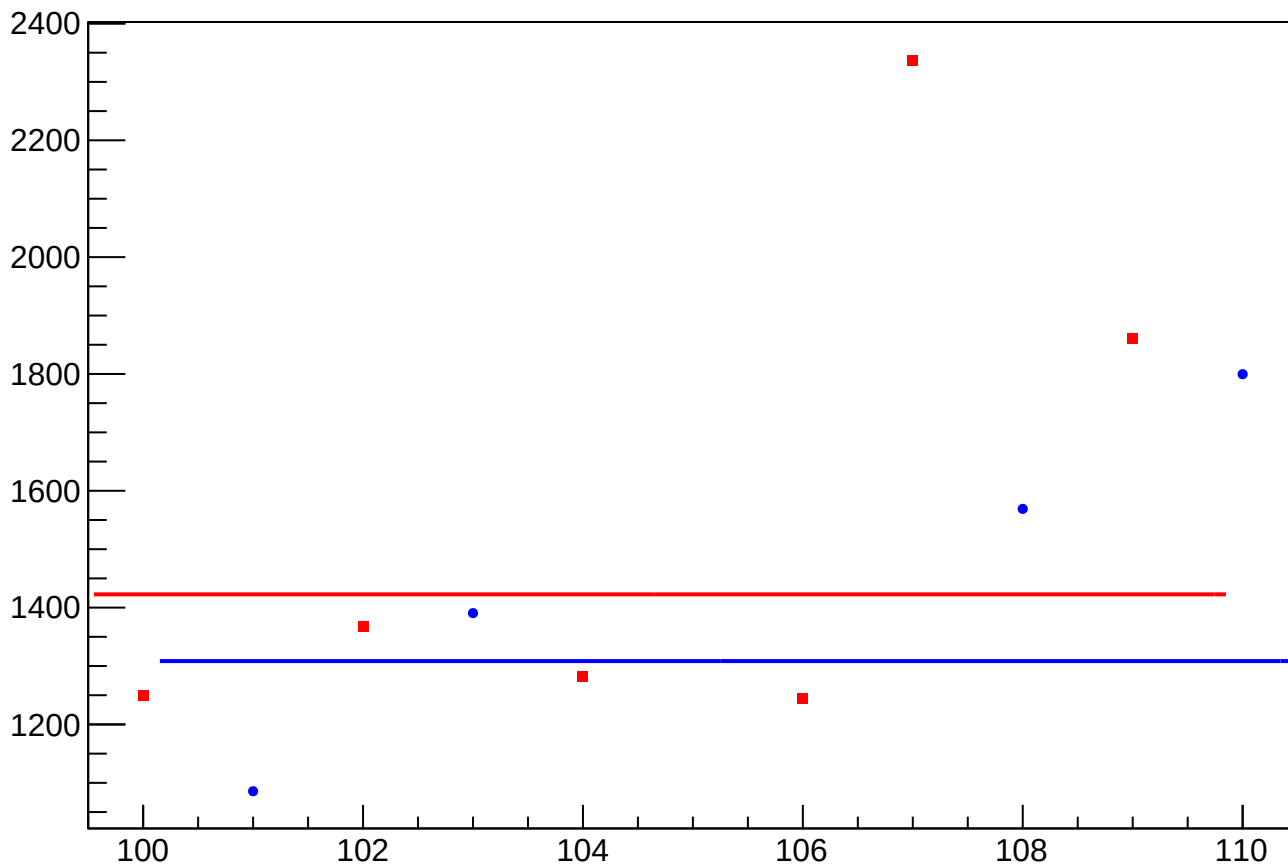
Right: 2137.352+/-665.083 χ^2/NDF : 8.6/9

In: 2968.002+/-934.620 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2137.352+/-665.083 χ^2/NDF : 8.6/9

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1308.468+/-0.661 χ^2/NDF : 137275.0/3

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

Right Out: 1422.694+/-0.669 χ^2/NDF : 164043.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

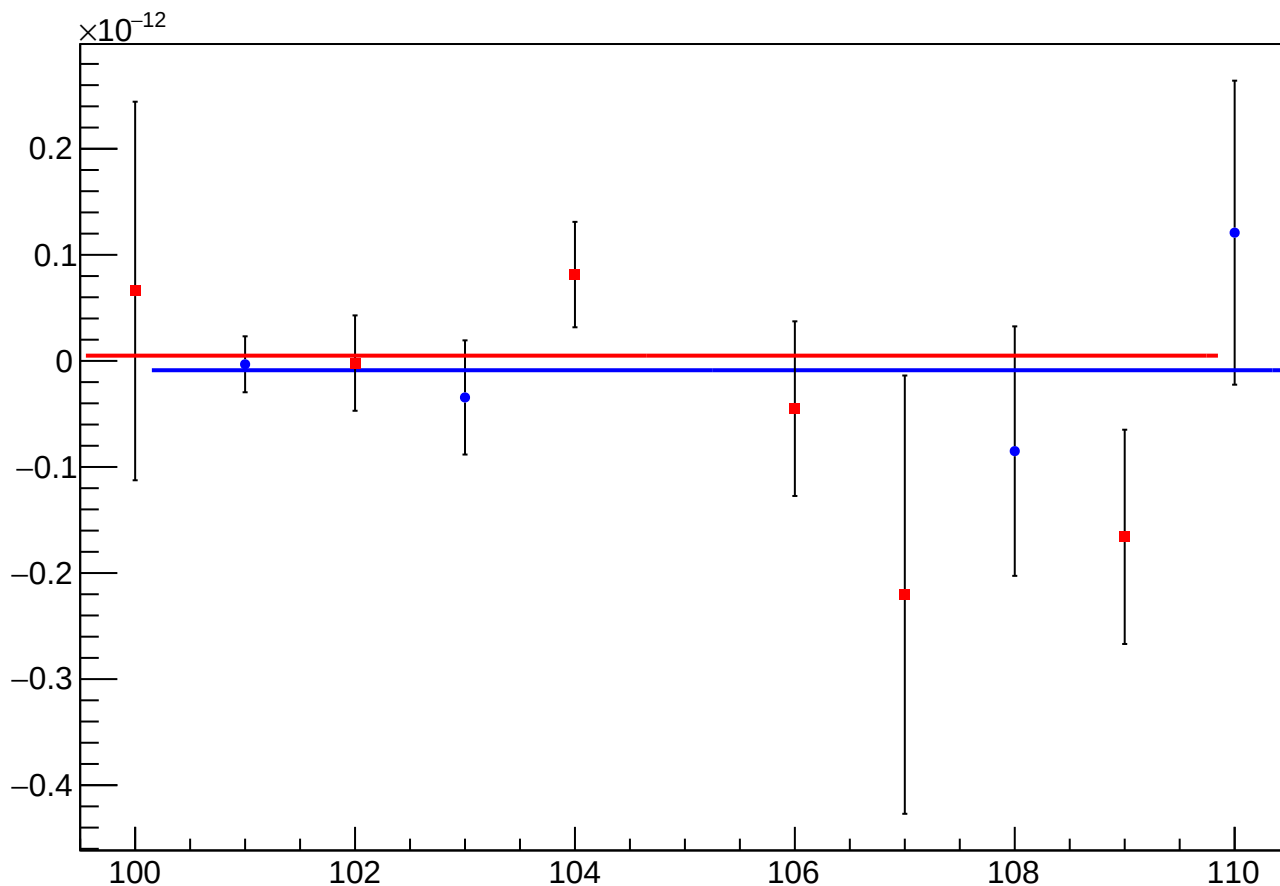
Right: 1364.852+/-0.470 χ^2/NDF : 316064.2/9

In: 1308.468+/-0.661 χ^2/NDF : 137275.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.852+/-0.470 χ^2/NDF : 316064.2/9

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.5/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

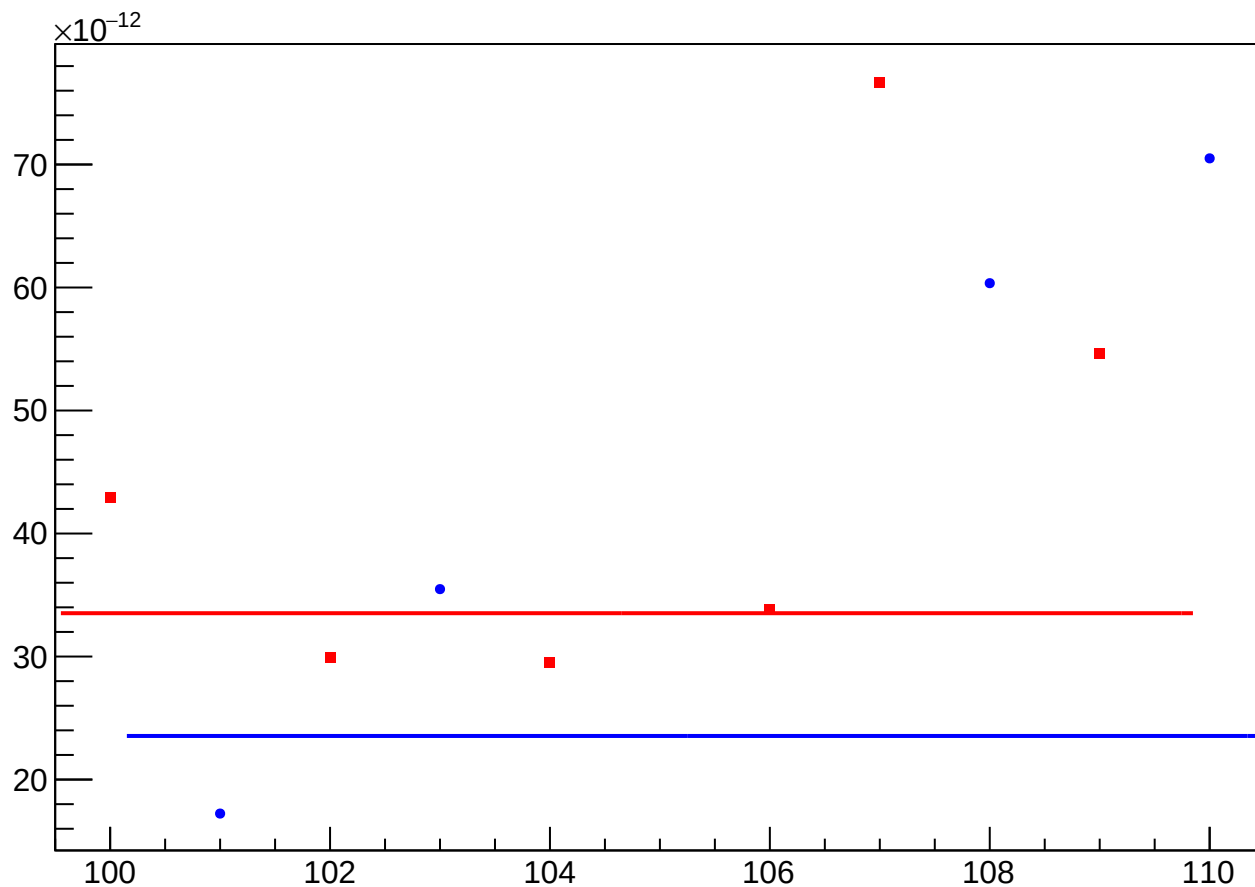
Right: -0.000+/-0.000 χ^2/NDF : 8.6/9

In: -0.000+/-0.000 χ^2/NDF : 1.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.6/9

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 623368.6/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 206035.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

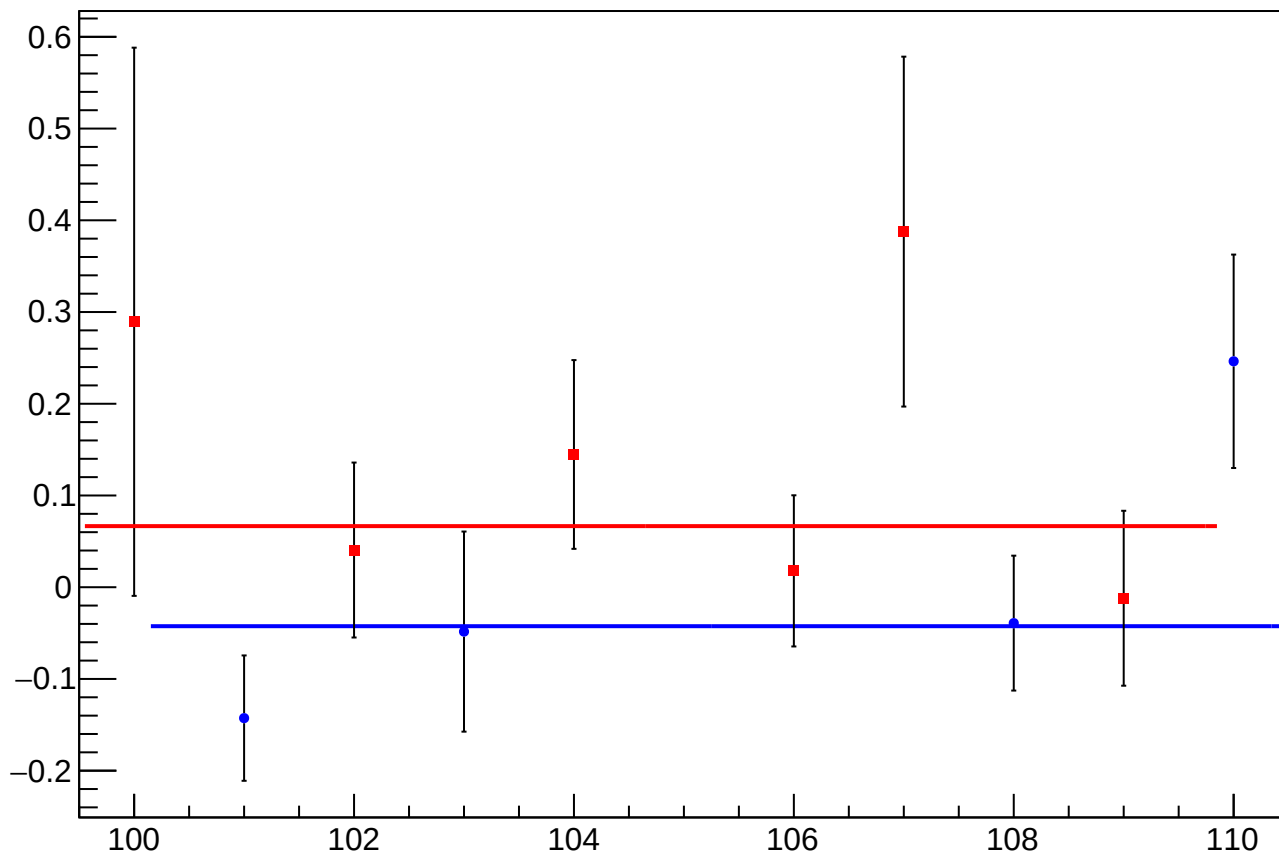
Right: 0.000+/-0.000 χ^2/NDF : 975990.2/9

In: 0.000+/-0.000 χ^2/NDF : 623368.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 975990.2/9

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.042 χ^2 /NDF: 8.3/3

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

Right Out: 0.067 $\pm$ 0.045 χ^2 /NDF: 5.1/5

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

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

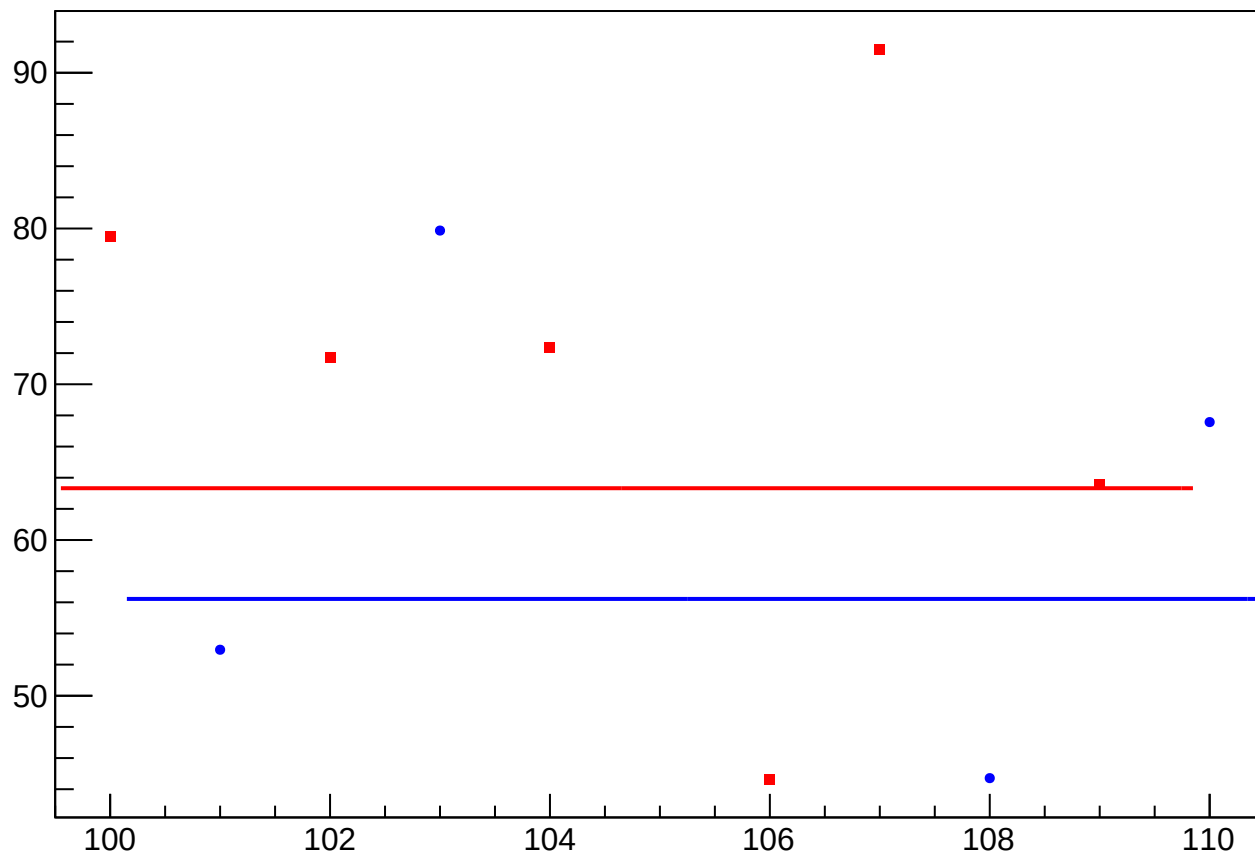
Right: 0.009 $\pm$ 0.031 χ^2 /NDF: 16.5/9

In: -0.042 $\pm$ 0.042 χ^2 /NDF:8.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.031 χ^2 /NDF: 16.5/9

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.217+/-0.030 χ^2/NDF : 166603.2/3

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

Right Out: 63.325+/-0.032 χ^2/NDF : 183601.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

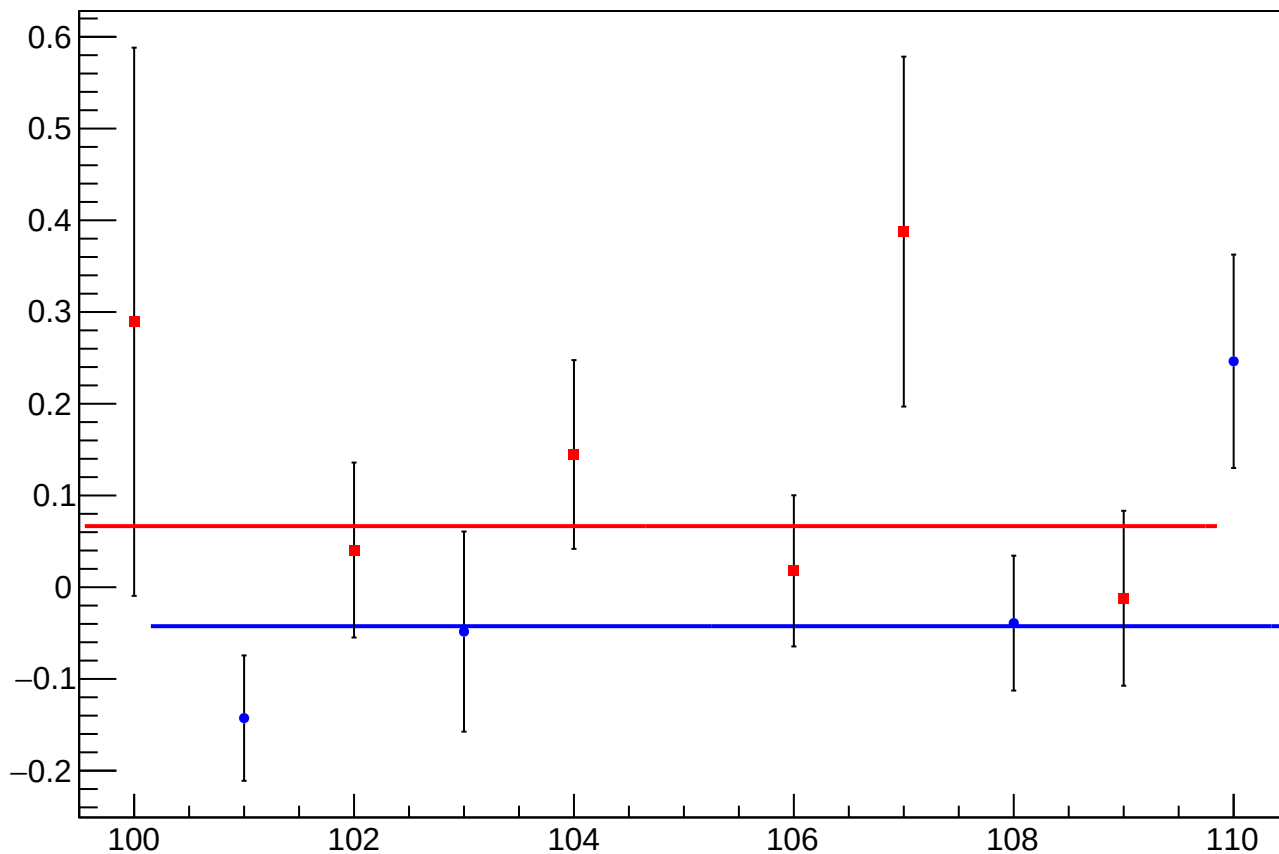
Right: 59.581+/-0.022 χ^2/NDF : 376840.9/9

In: 56.217+/-0.030 χ^2/NDF : 166603.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.581+/-0.022 χ^2/NDF : 376840.9/9

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.042 χ^2 /NDF: 8.3/3

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

Right Out: 0.067 $\pm$ 0.045 χ^2 /NDF: 5.1/5

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

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

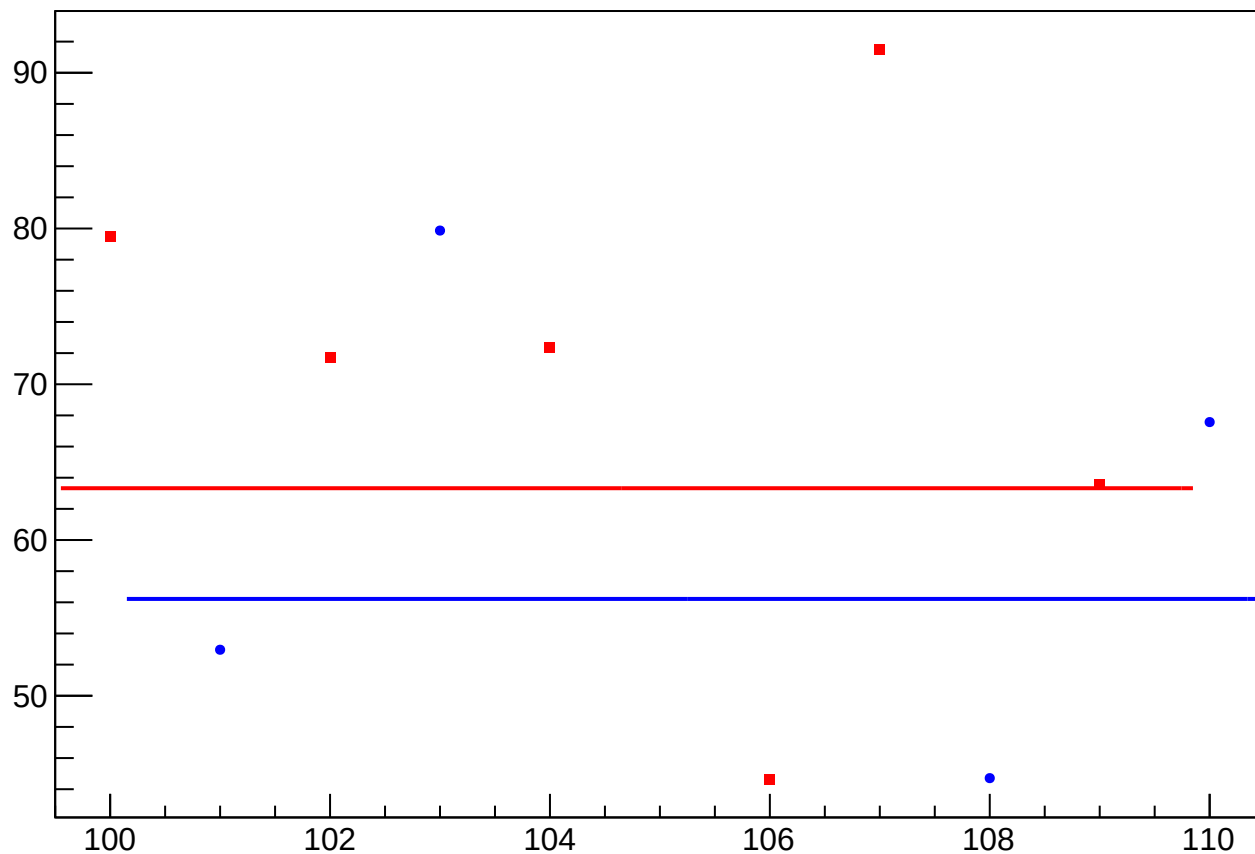
Right: 0.009 $\pm$ 0.031 χ^2 /NDF: 16.5/9

In: -0.042 $\pm$ 0.042 χ^2 /NDF:8.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.031 χ^2 /NDF: 16.5/9

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.217+/-0.030 χ^2/NDF : 166603.2/3

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

Right Out: 63.325+/-0.032 χ^2/NDF : 183601.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

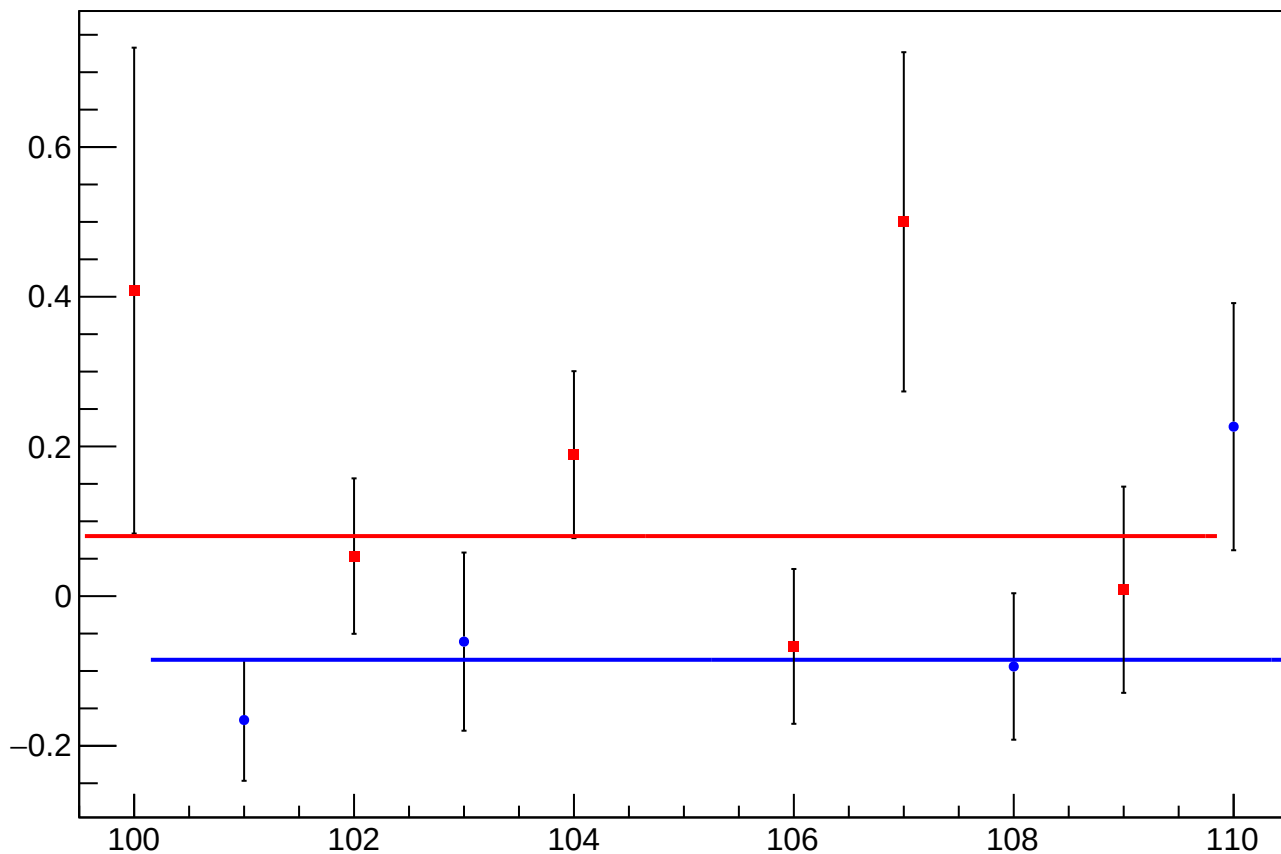
Right: 59.581+/-0.022 χ^2/NDF : 376840.9/9

In: 56.217+/-0.030 χ^2/NDF : 166603.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.581+/-0.022 χ^2/NDF : 376840.9/9

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.085 ± 0.052 χ^2/NDF : 4.6/3

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

Right Out: 0.080 ± 0.054 χ^2/NDF : 7.8/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

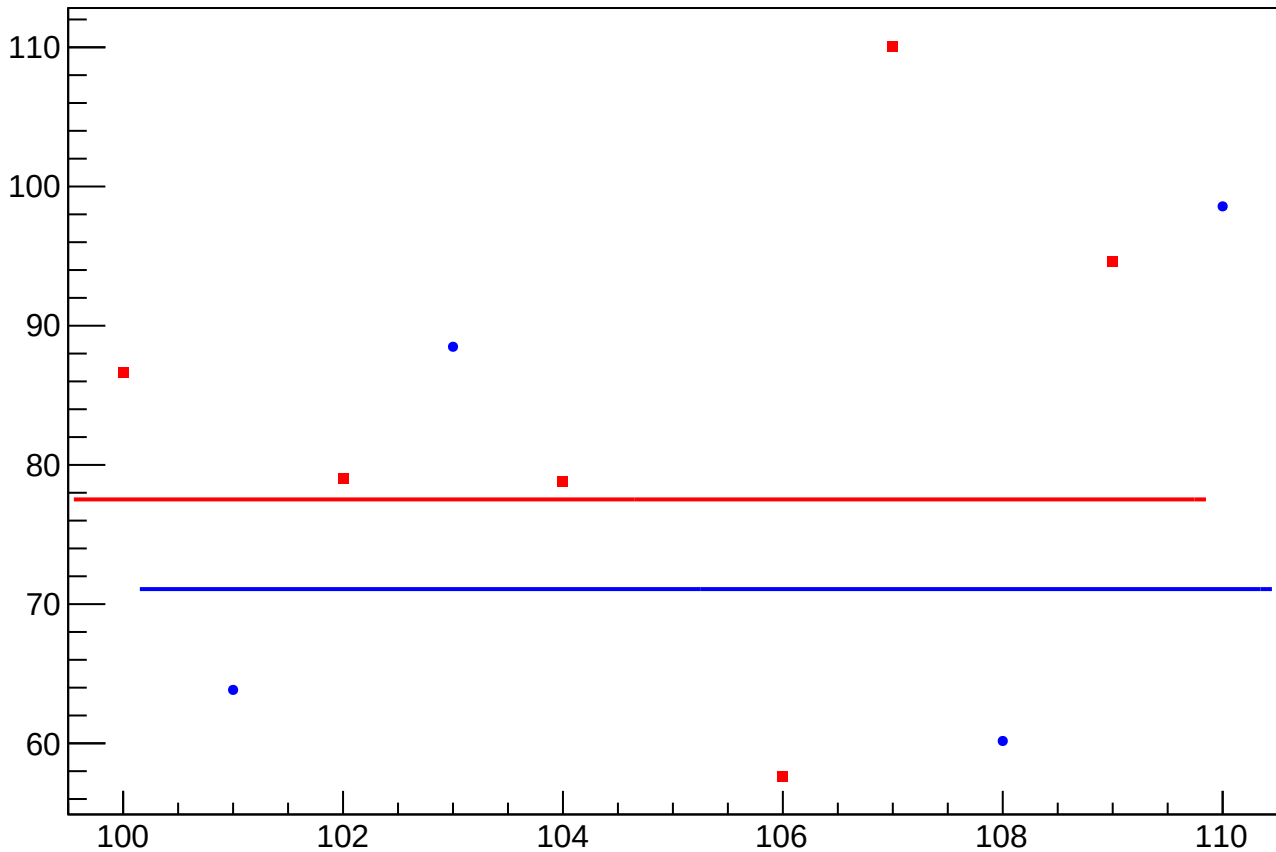
Right: -0.004 ± 0.037 χ^2/NDF : 17.2/9

In: -0.085 ± 0.052 χ^2/NDF : 4.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.037 χ^2/NDF : 17.2/9

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.080+/-0.037 χ^2/NDF : 139022.1/3

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

Right Out: 77.523+/-0.038 χ^2/NDF : 148378.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

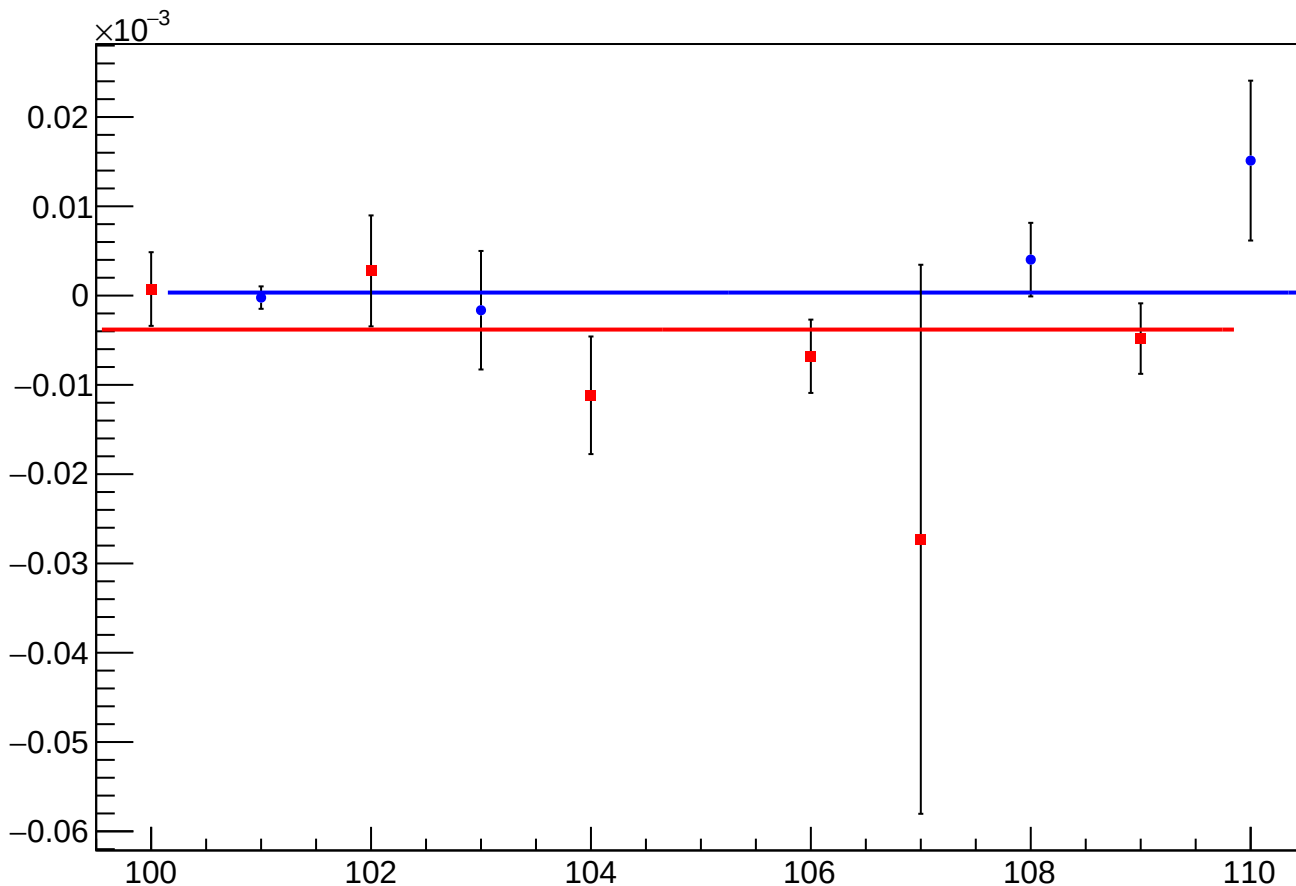
Right: 74.233+/-0.027 χ^2/NDF : 302162.9/9

In: 71.080+/-0.037 χ^2/NDF : 139022.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.233+/-0.027 χ^2/NDF : 302162.9/9

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/3

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

Right Out: -0.000+/-0.000 χ^2/NDF : 4.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

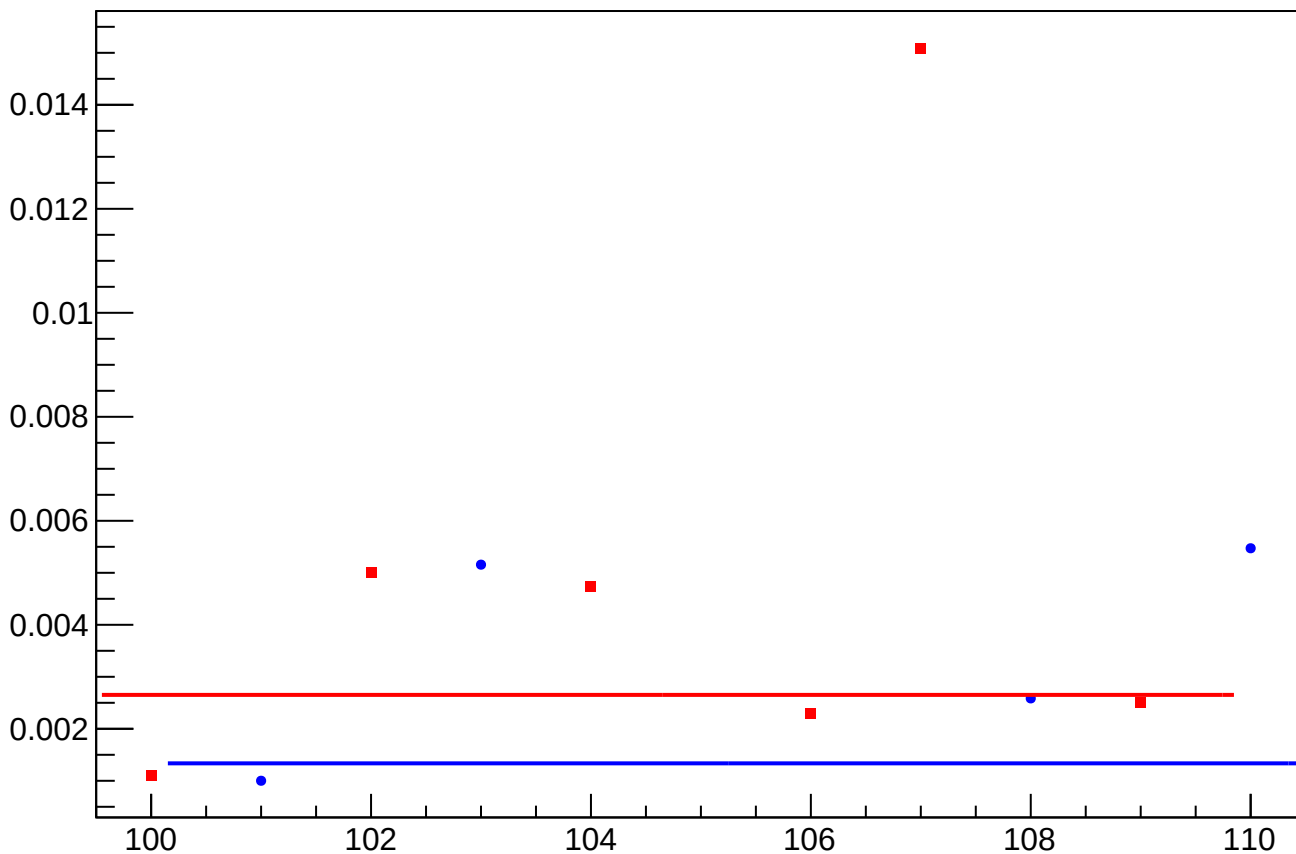
Right: -0.000+/-0.000 χ^2/NDF : 11.6/9

In: 0.000+/-0.000 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.6/9

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1415337.5/3

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

Right Out: 0.003+/-0.000 χ^2/NDF : 1109651.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

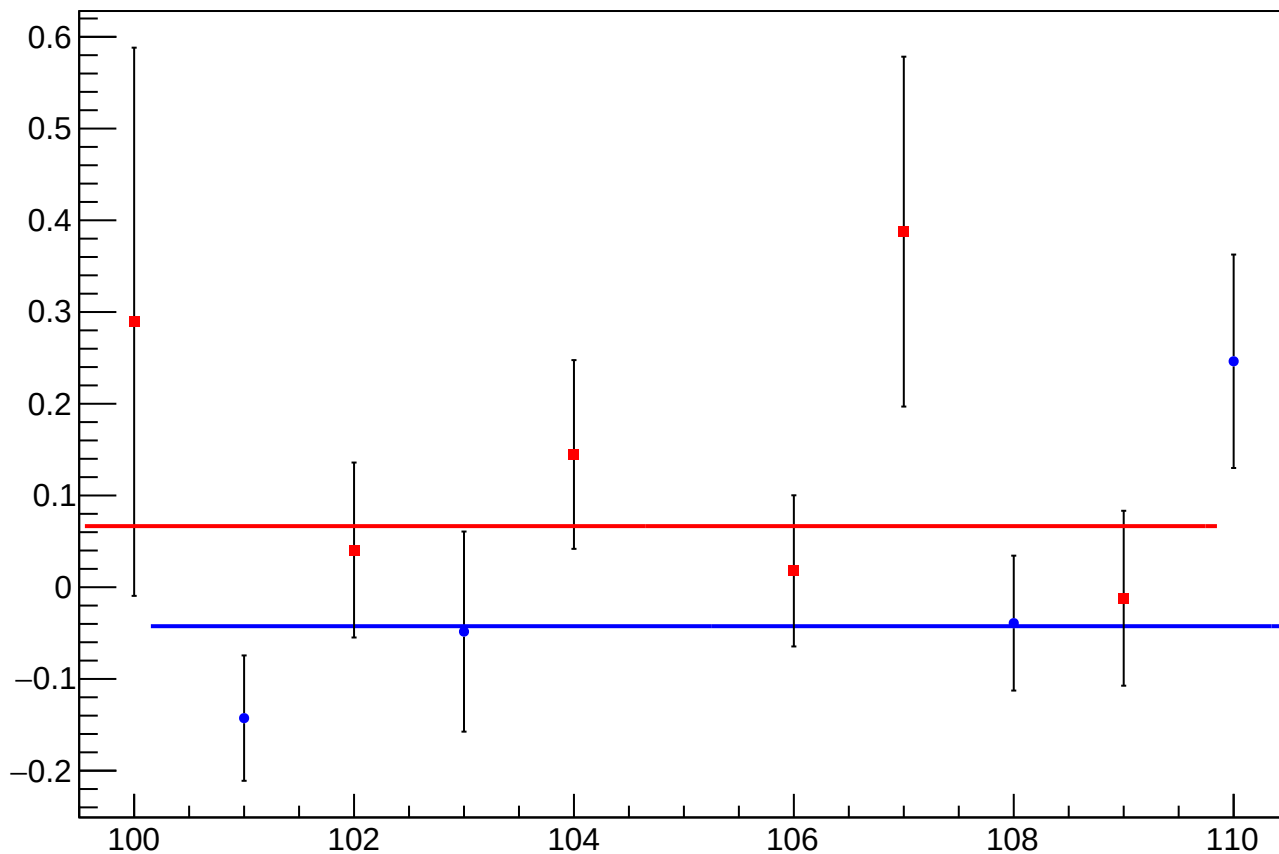
Right: 0.002+/-0.000 χ^2/NDF : 3135028.1/9

In: 0.001+/-0.000 χ^2/NDF :1415337.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3135028.1/9

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.042 χ^2 /NDF: 8.3/3

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

Right Out: 0.067 $\pm$ 0.045 χ^2 /NDF: 5.1/5

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

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

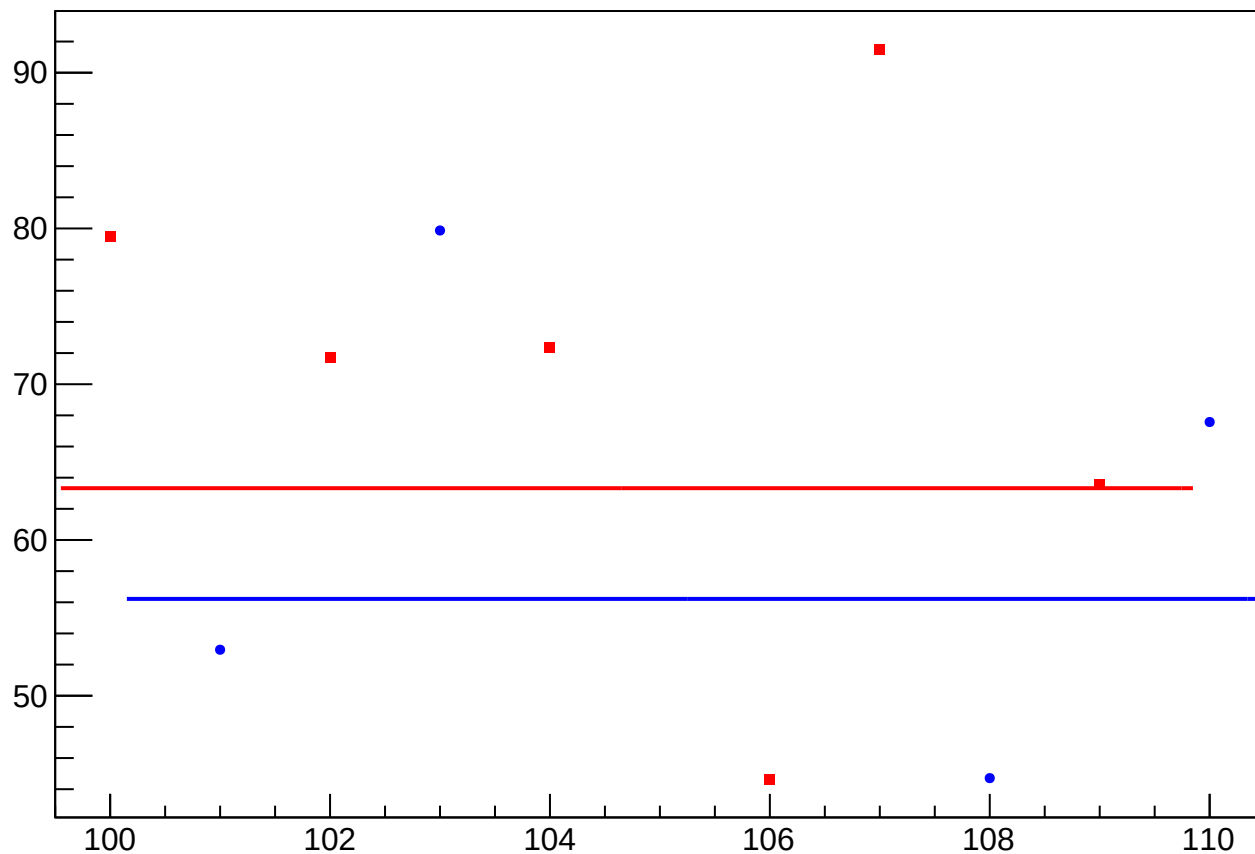
Right: 0.009 $\pm$ 0.031 χ^2 /NDF: 16.5/9

In: -0.042 $\pm$ 0.042 χ^2 /NDF:8.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.031 χ^2 /NDF: 16.5/9

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.218+/-0.030 χ^2/NDF : 166616.1/3

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

Right Out: 63.325+/-0.032 χ^2/NDF : 183605.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

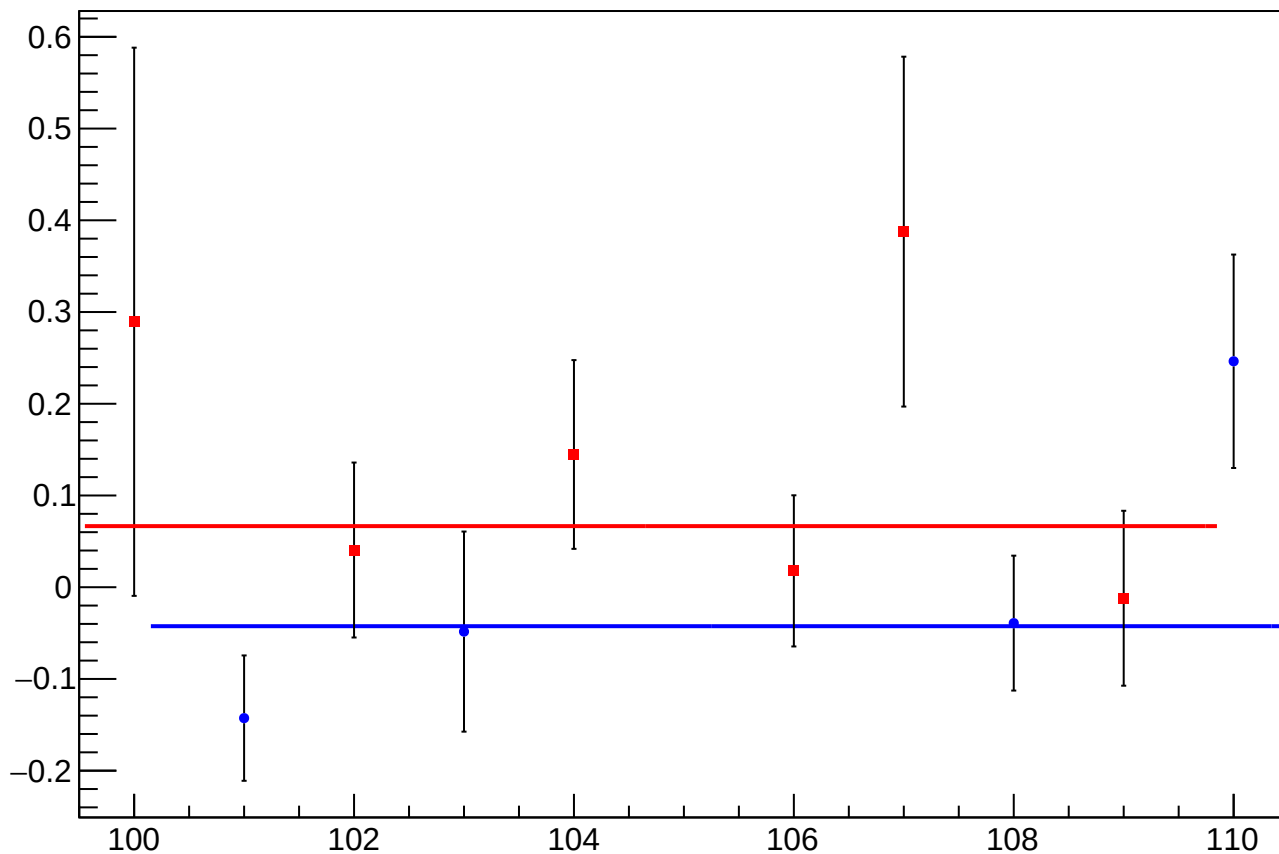
Right: 59.581+/-0.022 χ^2/NDF : 376852.2/9

In: 56.218+/-0.030 χ^2/NDF : 166616.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.581+/-0.022 χ^2/NDF : 376852.2/9

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.042 χ^2 /NDF: 8.3/3

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

Right Out: 0.067 $\pm$ 0.045 χ^2 /NDF: 5.1/5

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

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

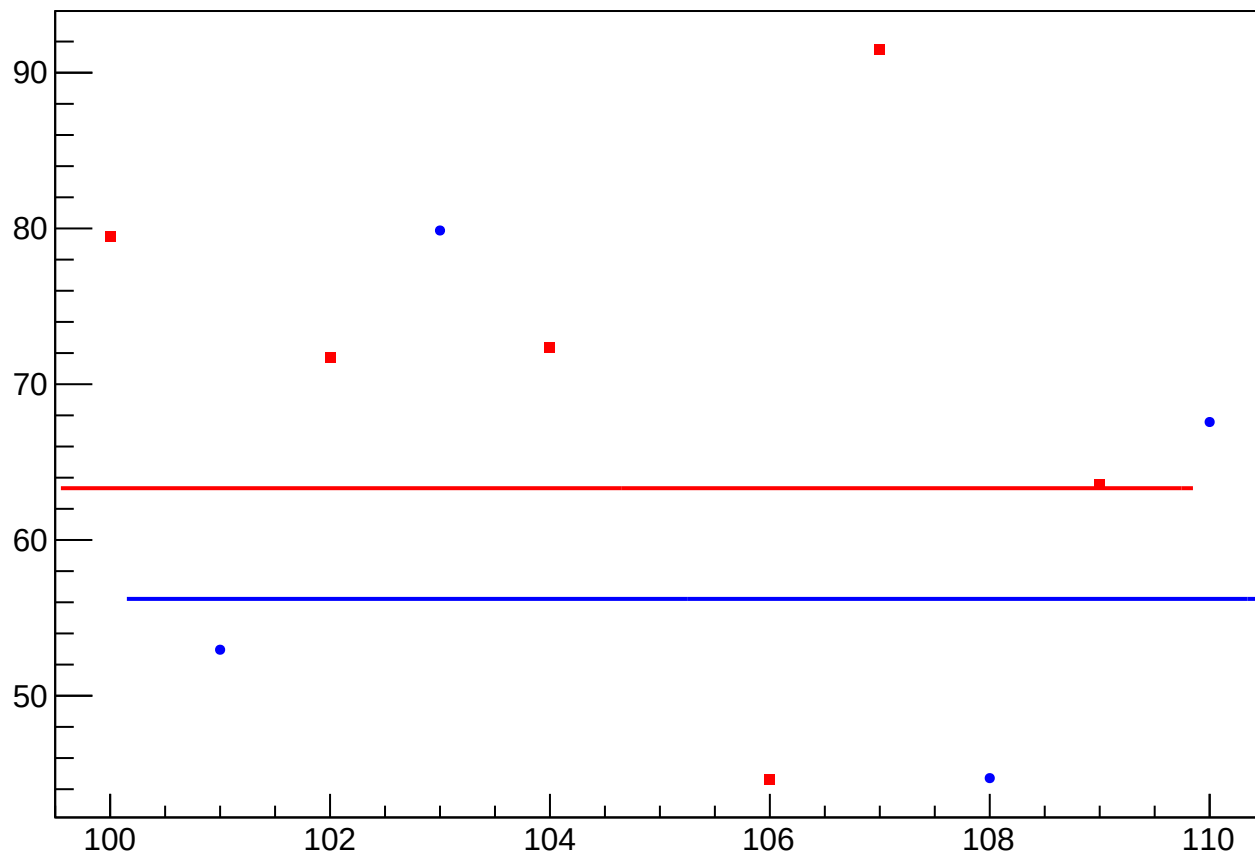
Right: 0.009 $\pm$ 0.031 χ^2 /NDF: 16.5/9

In: -0.042 $\pm$ 0.042 χ^2 /NDF:8.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.031 χ^2 /NDF: 16.5/9

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.218+/-0.030 χ^2/NDF : 166616.1/3

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

Right Out: 63.325+/-0.032 χ^2/NDF : 183605.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

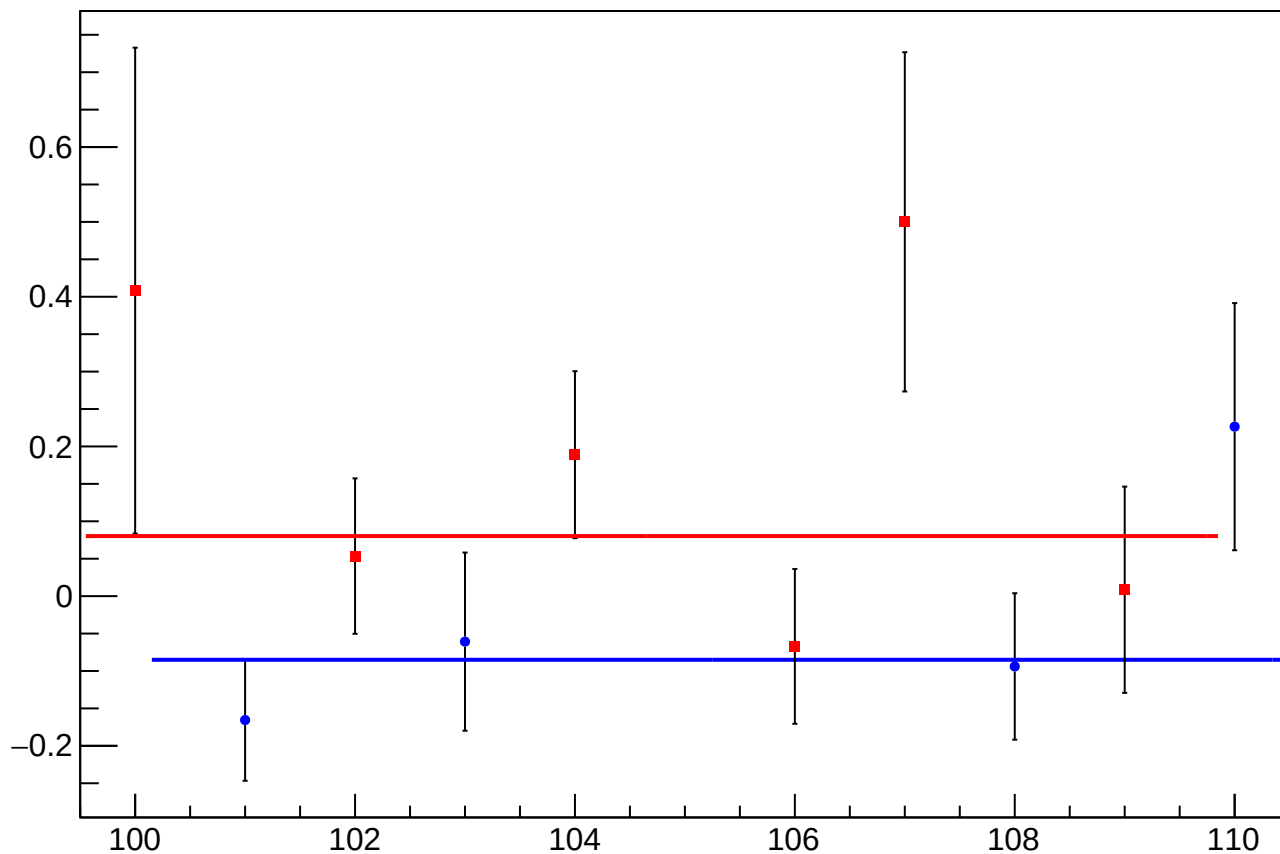
Right: 59.581+/-0.022 χ^2/NDF : 376852.2/9

In: 56.218+/-0.030 χ^2/NDF : 166616.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.581+/-0.022 χ^2/NDF : 376852.2/9

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.085 ± 0.052 χ^2/NDF : 4.6/3

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

Right Out: 0.080 ± 0.054 χ^2/NDF : 7.8/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

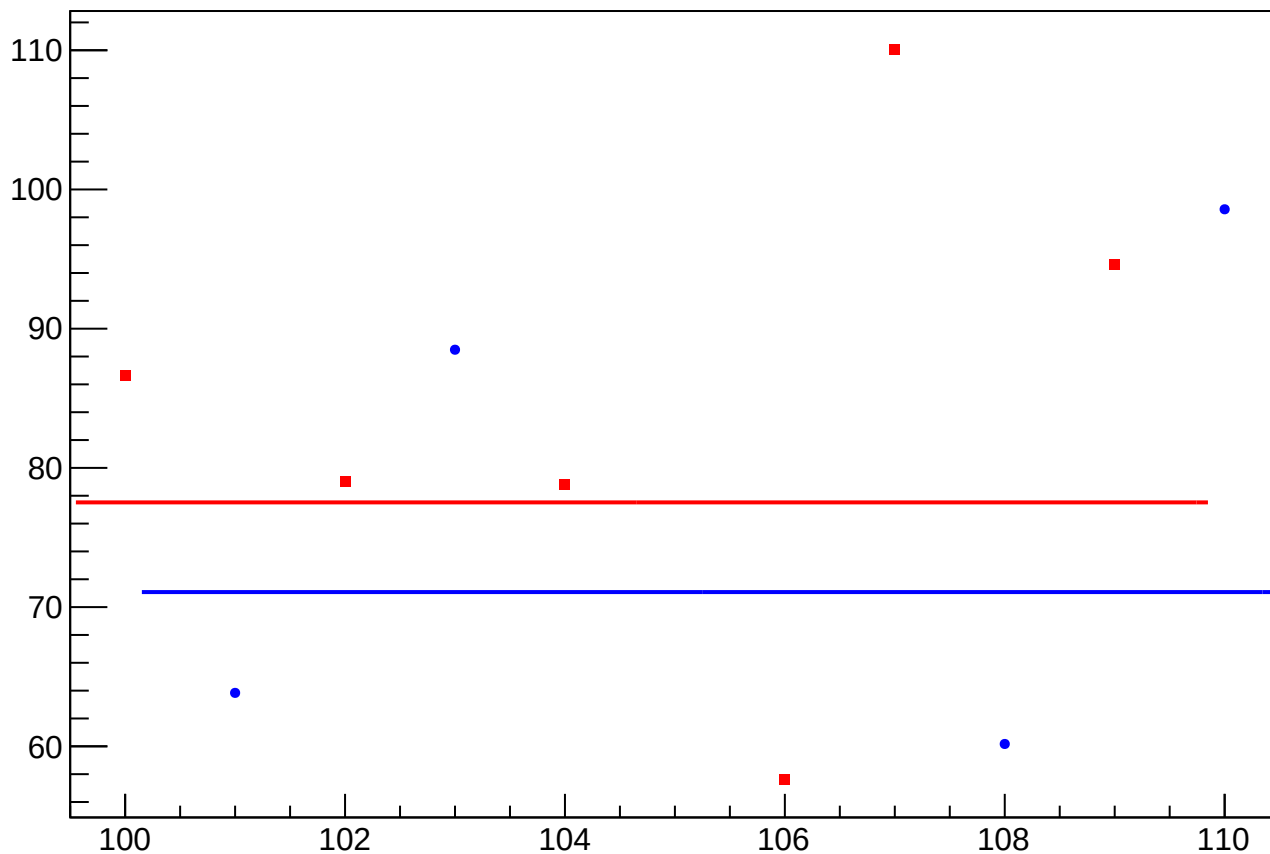
Right: -0.004 ± 0.037 χ^2/NDF : 17.2/9

In: -0.085 ± 0.052 χ^2/NDF : 4.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.037 χ^2/NDF : 17.2/9

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.080+/-0.037 χ^2/NDF : 139031.3/3

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

Right Out: 77.522+/-0.038 χ^2/NDF : 148376.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

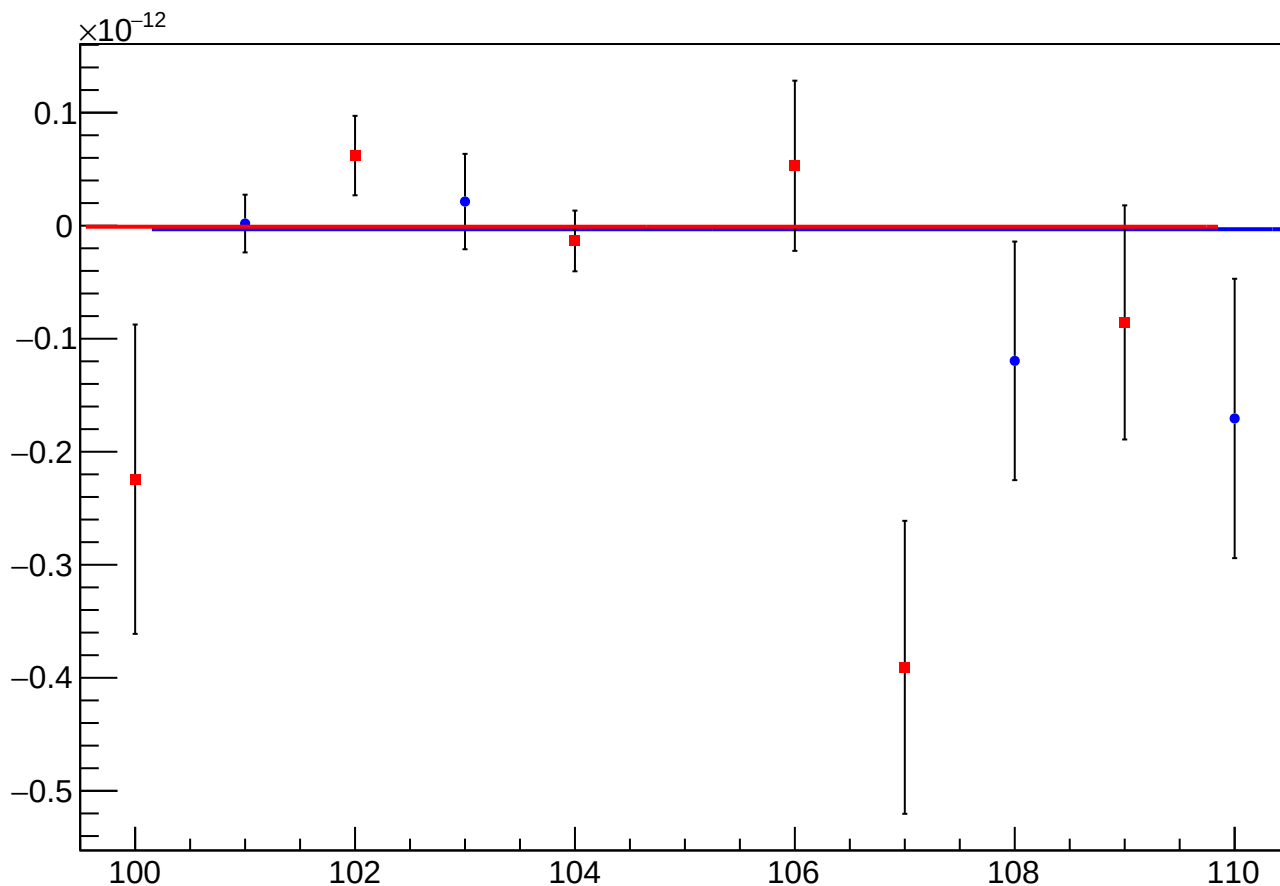
Right: 74.232+/-0.027 χ^2/NDF : 302167.6/9

In: 71.080+/-0.037 χ^2/NDF : 139031.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.232+/-0.027 χ^2/NDF : 302167.6/9

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/3

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

Right Out: -0.000+/-0.000 χ^2/NDF : 16.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

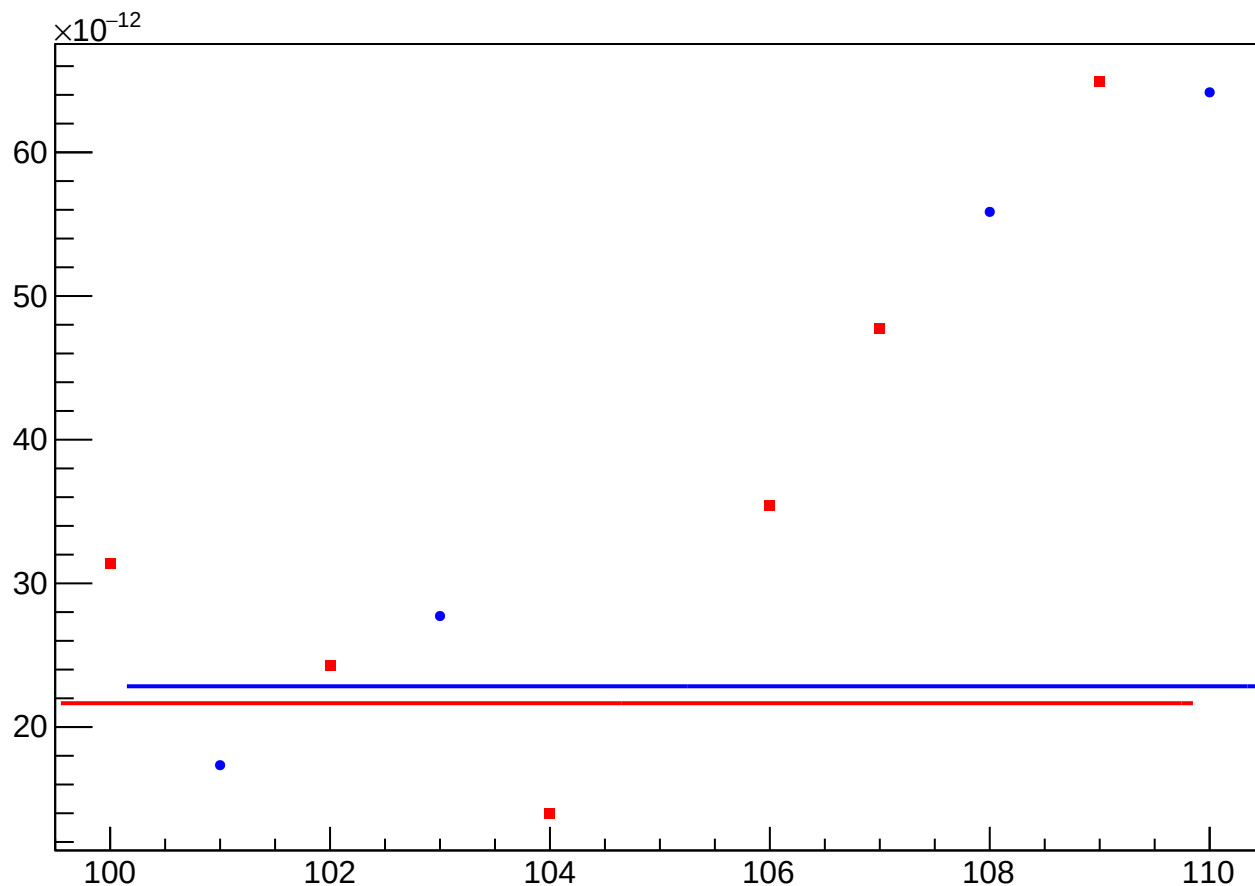
Right: -0.000+/-0.000 χ^2/NDF : 19.8/9

In: -0.000+/-0.000 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/9

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 538871.1/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 681414.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

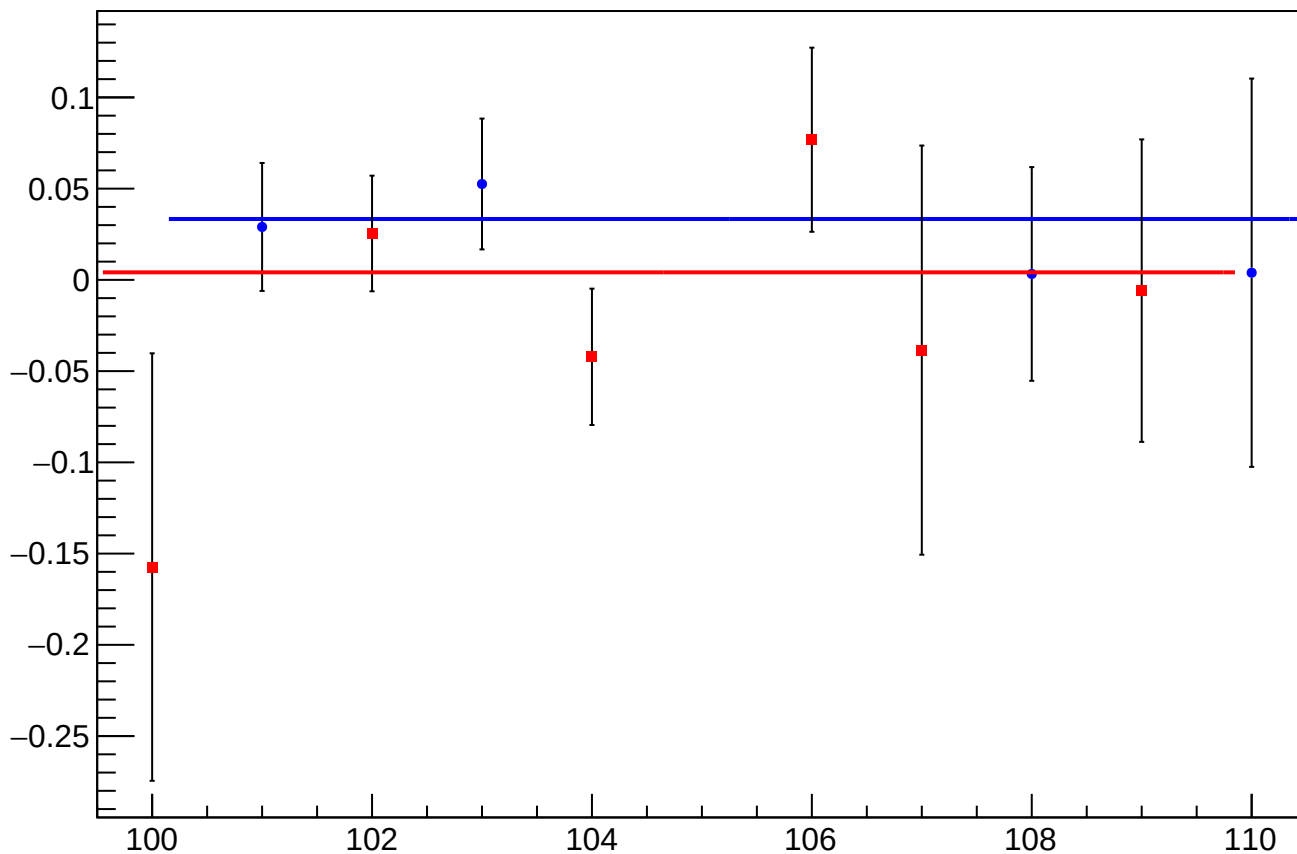
Right: 0.000+/-0.000 χ^2/NDF : 1223621.2/9

In: 0.000+/-0.000 χ^2/NDF : 538871.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1223621.2/9

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033 $\pm$ 0.023 χ^2 /NDF: 0.6/3

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

Right Out: 0.004 $\pm$ 0.020 χ^2 /NDF: 6.1/5

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

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

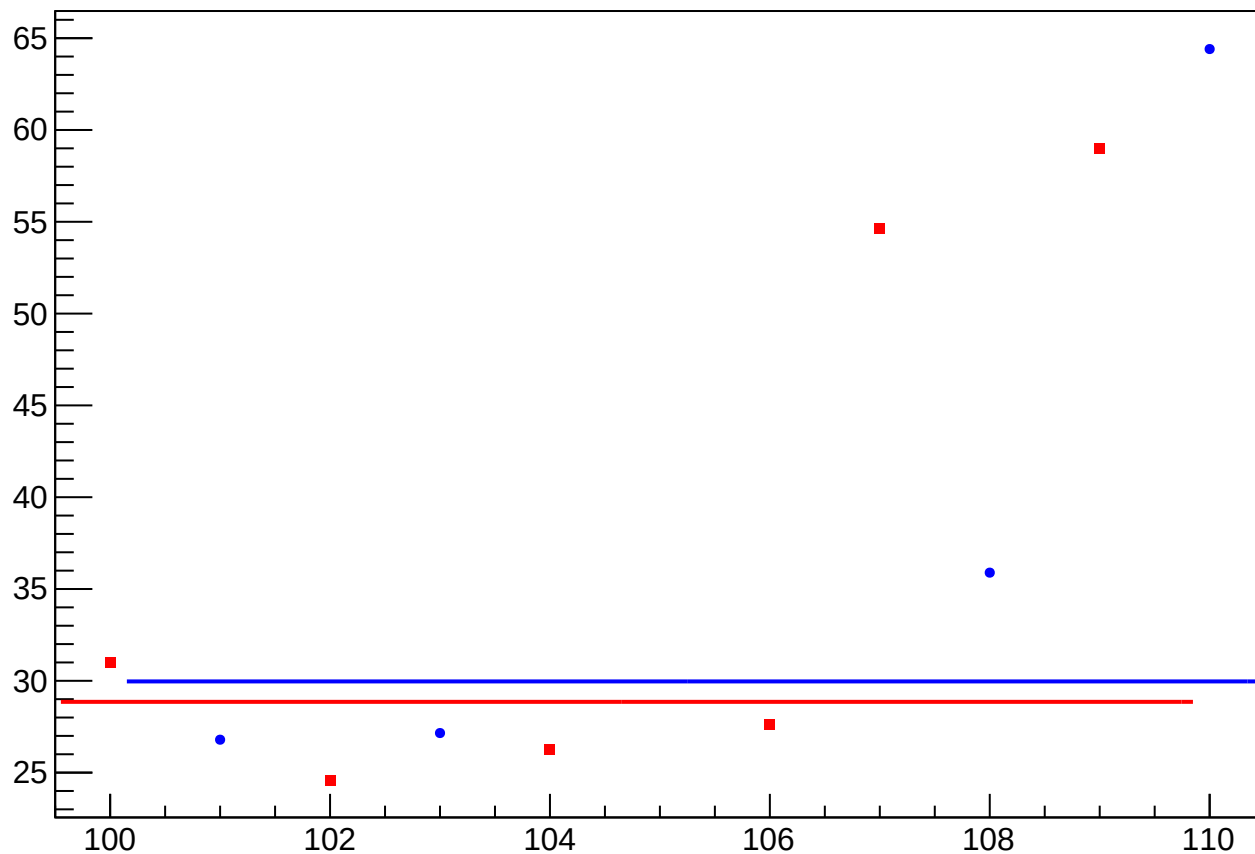
Right: 0.017 $\pm$ 0.015 χ^2 /NDF: 7.7/9

In: 0.033 $\pm$ 0.023 χ^2 /NDF: 0.6/3

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

All: 0.017 $\pm$ 0.015 χ^2 /NDF: 7.7/9

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.967+/-0.016 χ^2/NDF : 258715.2/3

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

Right Out: 28.855+/-0.014 χ^2/NDF : 418304.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

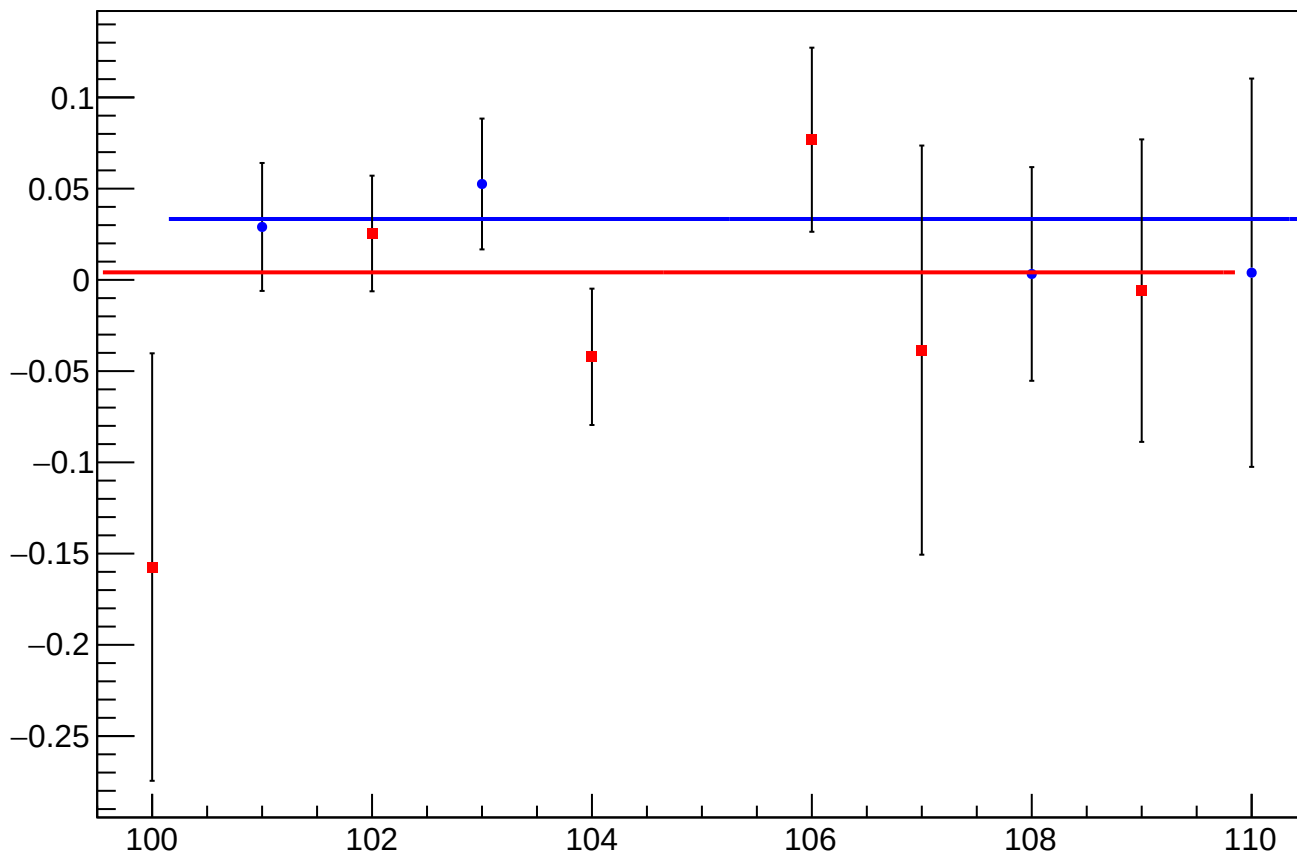
Right: 29.356+/-0.011 χ^2/NDF : 679700.0/9

In: 29.967+/-0.016 χ^2/NDF : 258715.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.356+/-0.011 χ^2/NDF : 679700.0/9

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033 $\pm$ 0.023 χ^2 /NDF: 0.6/3

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

Right Out: 0.004 $\pm$ 0.020 χ^2 /NDF: 6.1/5

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

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

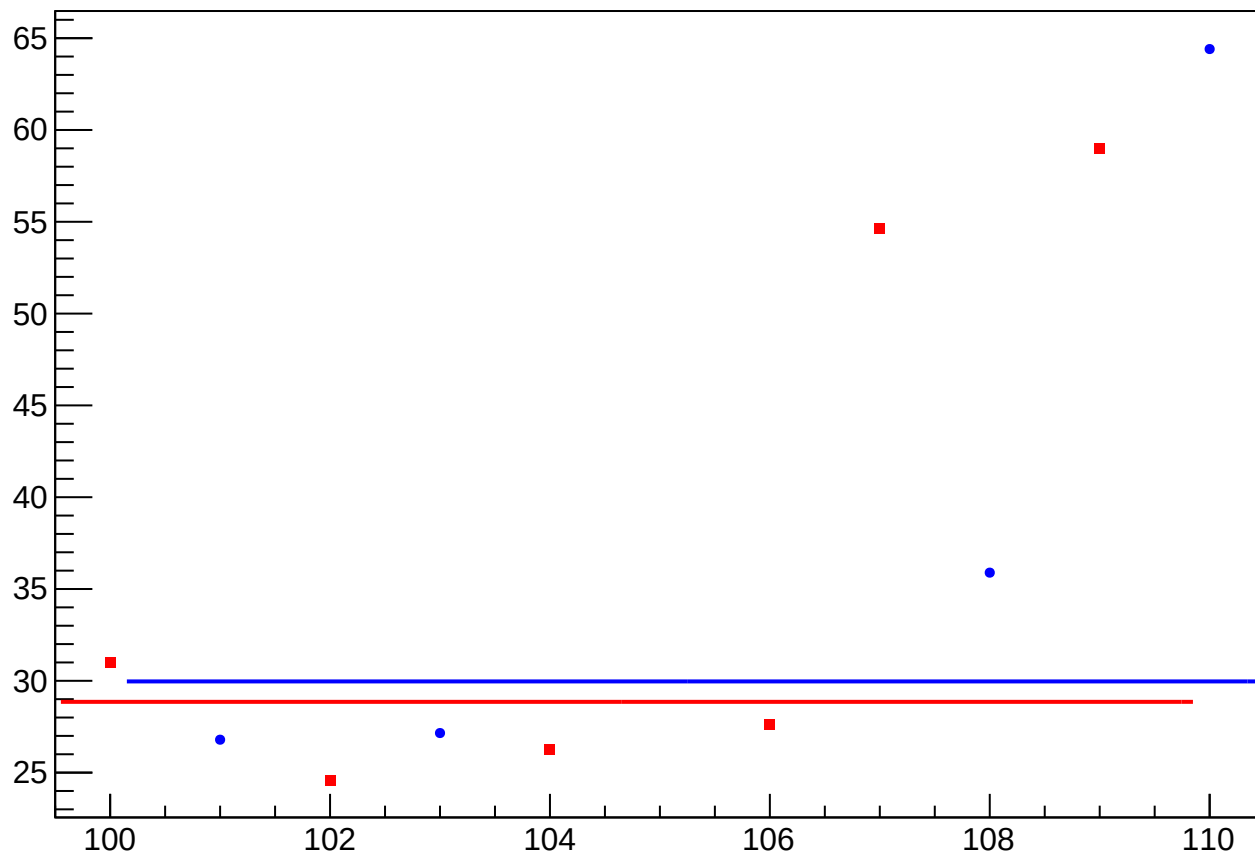
Right: 0.017 $\pm$ 0.015 χ^2 /NDF: 7.7/9

In: 0.033 $\pm$ 0.023 χ^2 /NDF: 0.6/3

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

All: 0.017 $\pm$ 0.015 χ^2 /NDF: 7.7/9

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.967+/-0.016 χ^2/NDF : 258715.2/3

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

Right Out: 28.855+/-0.014 χ^2/NDF : 418304.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

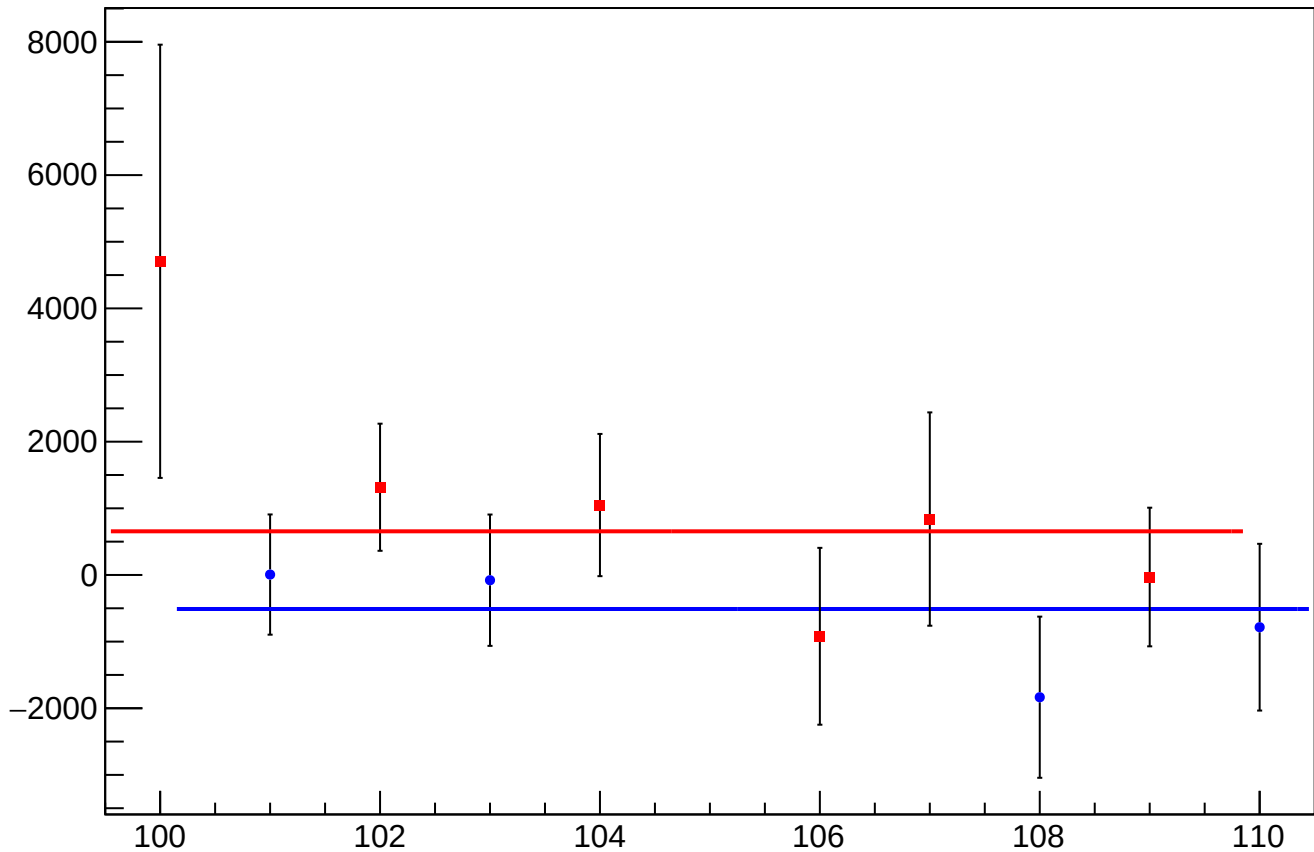
Right: 29.356+/-0.011 χ^2/NDF : 679700.0/9

In: 29.967+/-0.016 χ^2/NDF : 258715.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.356+/-0.011 χ^2/NDF : 679700.0/9

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -510.657 ± 528.396 χ^2/NDF : 1.8/3

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

Right Out: 655.001 ± 502.844 χ^2/NDF : 4.0/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

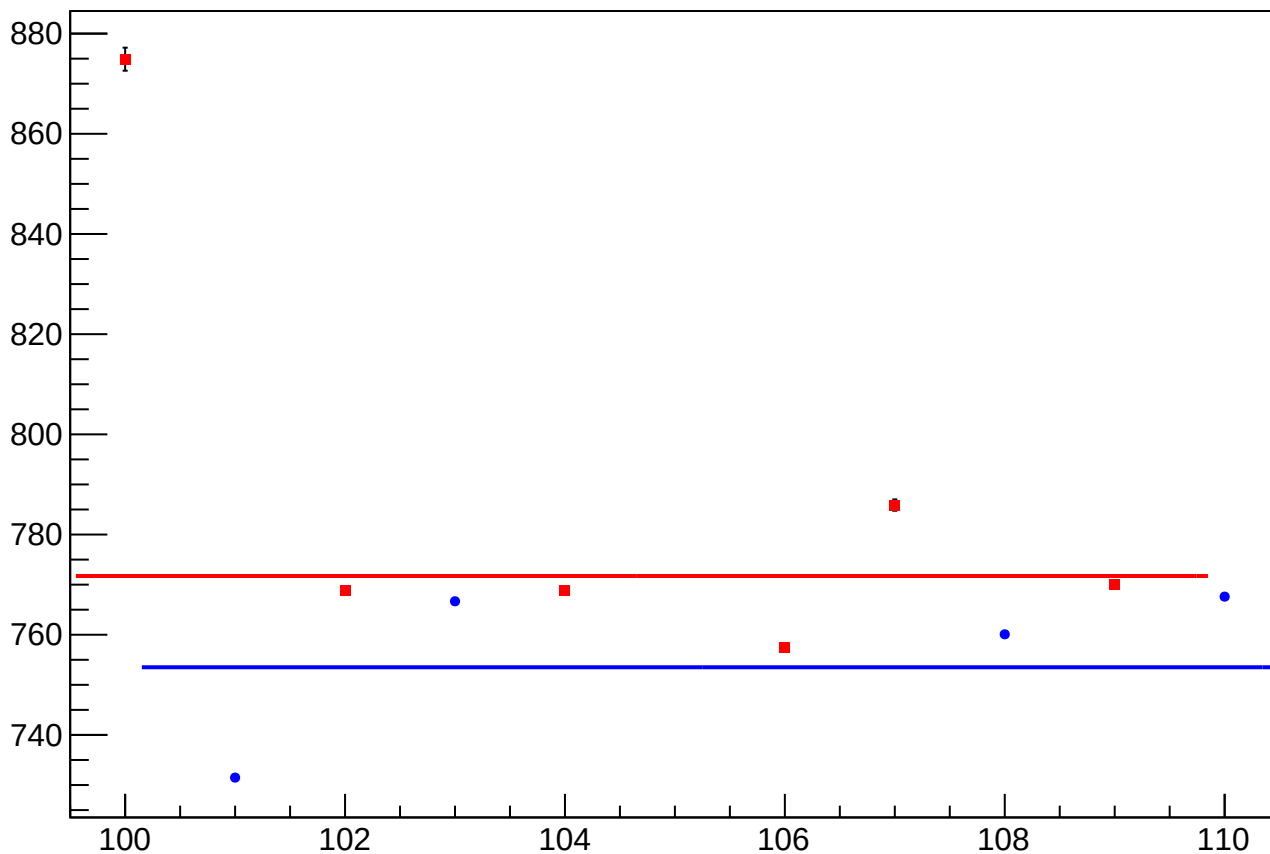
Right: 101.037 ± 364.263 χ^2/NDF : 8.3/9

In: -510.657 ± 528.396 χ^2/NDF : 1.8/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 101.037 ± 364.263 χ^2/NDF : 8.3/9

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 753.510 $\pm$ 0.374 χ^2 /NDF: 1863.0/3

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

Right Out: 771.724 $\pm$ 0.356 χ^2 /NDF: 2439.1/5

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

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

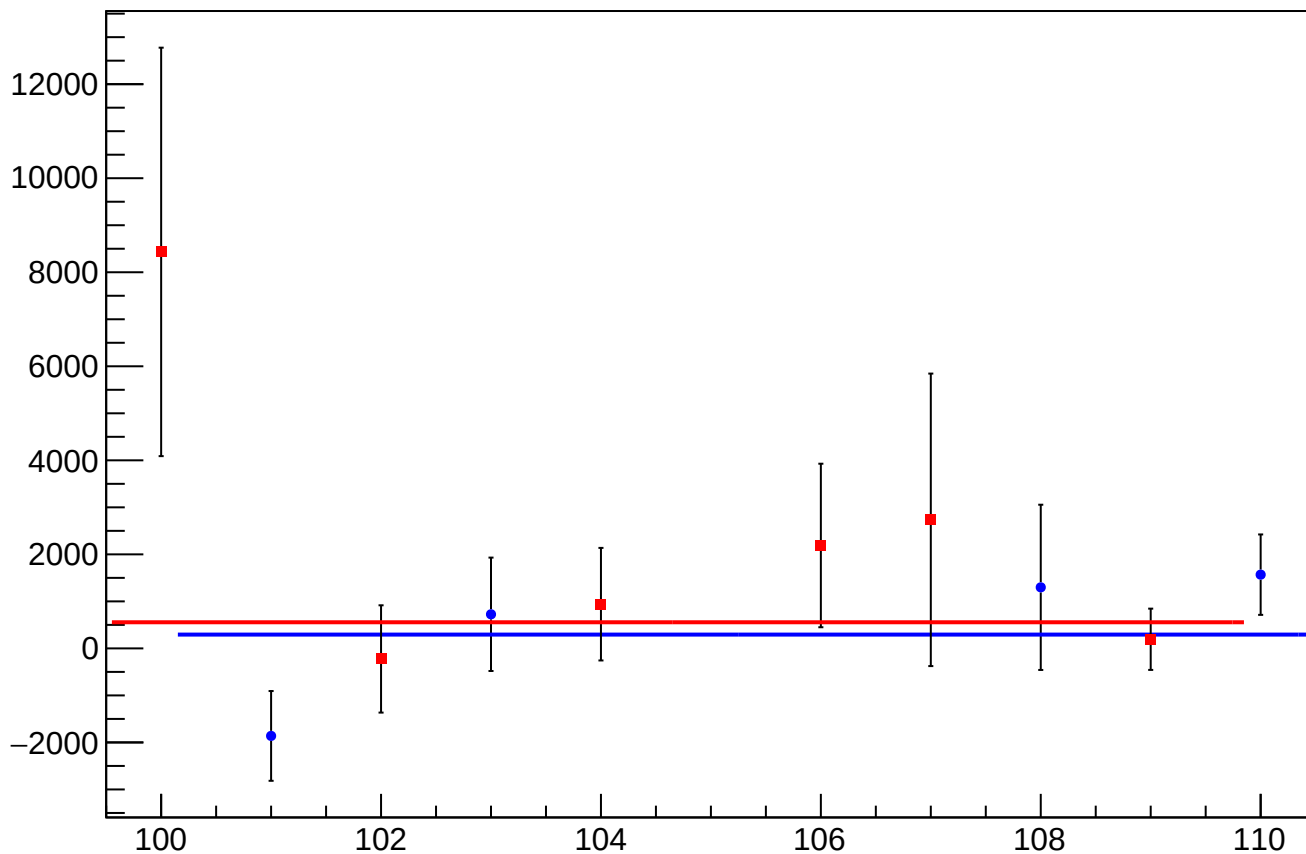
Right: 763.068 $\pm$ 0.258 χ^2 /NDF: 5549.2/9

In: 753.510 $\pm$ 0.374 χ^2 /NDF:1863.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 763.068 $\pm$ 0.258 χ^2 /NDF: 5549.2/9

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 293.612+/-536.336 χ^2/NDF : 7.8/3

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

Right Out: 555.634+/-481.749 χ^2/NDF : 5.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

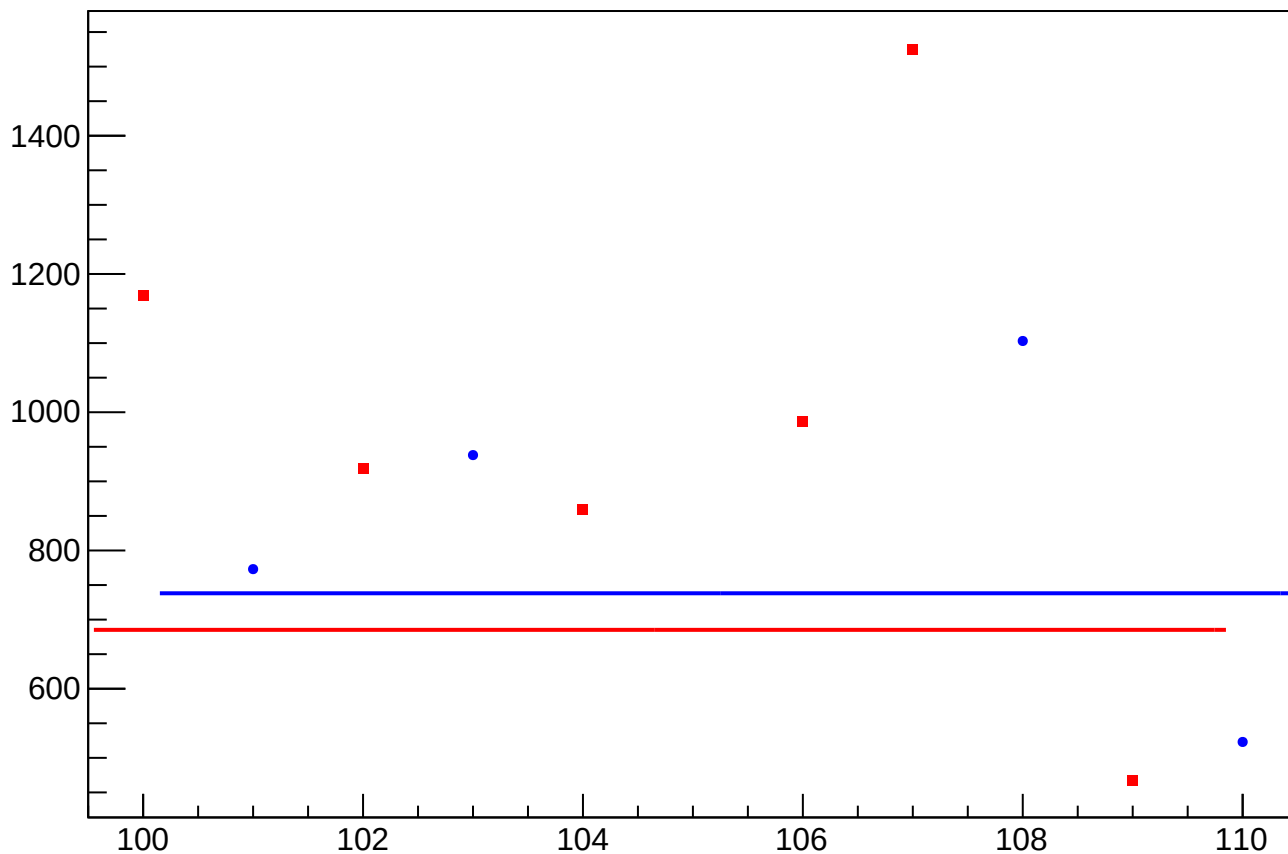
Right: 438.632+/-358.398 χ^2/NDF : 13.4/9

In: 293.612+/-536.336 χ^2/NDF : 7.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.632+/-358.398 χ^2/NDF : 13.4/9

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 738.087+/-0.379 χ^2/NDF : 270433.8/3

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

Right Out: 685.176+/-0.341 χ^2/NDF : 580744.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

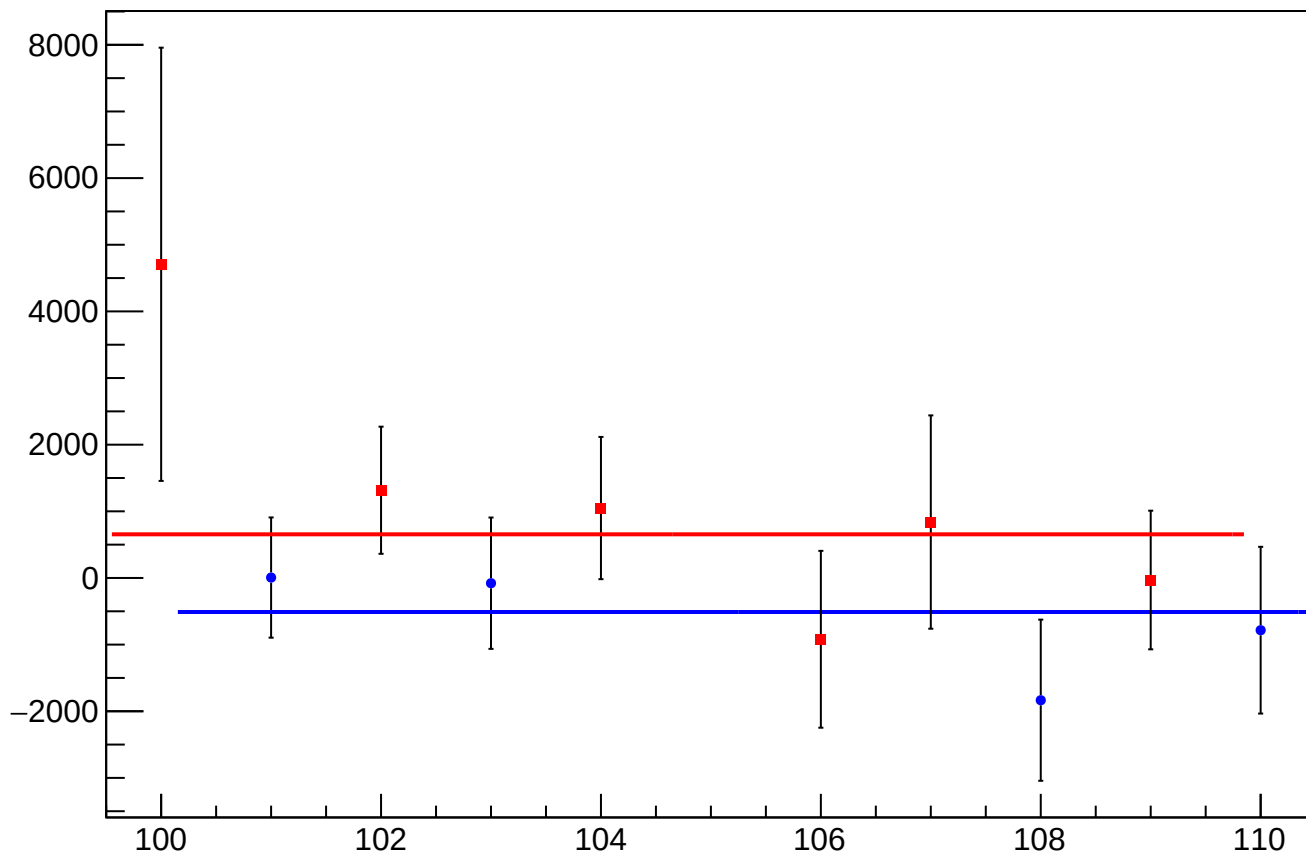
Right: 708.803+/-0.253 χ^2/NDF : 861951.8/9

In: 738.087+/-0.379 χ^2/NDF : 270433.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.803+/-0.253 χ^2/NDF : 861951.8/9

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -510.657+/-528.396 χ^2/NDF : 1.8/3

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

Right Out: 655.001+/-502.844 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

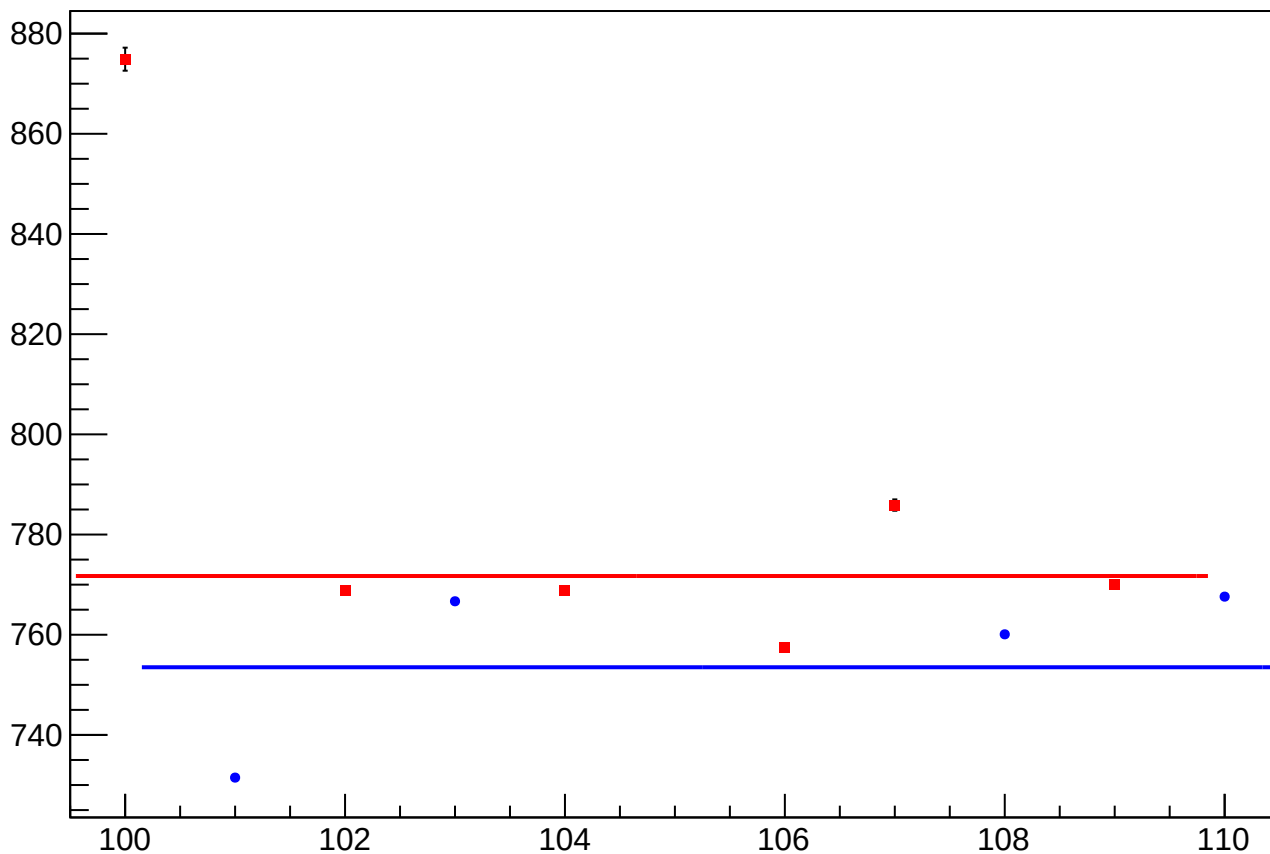
Right: 101.037+/-364.263 χ^2/NDF : 8.3/9

In: -510.657+/-528.396 χ^2/NDF :1.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 101.037+/-364.263 χ^2/NDF : 8.3/9

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 753.510 $\pm$ 0.374 χ^2 /NDF: 1863.0/3

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

Right Out: 771.724 $\pm$ 0.356 χ^2 /NDF: 2439.1/5

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

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

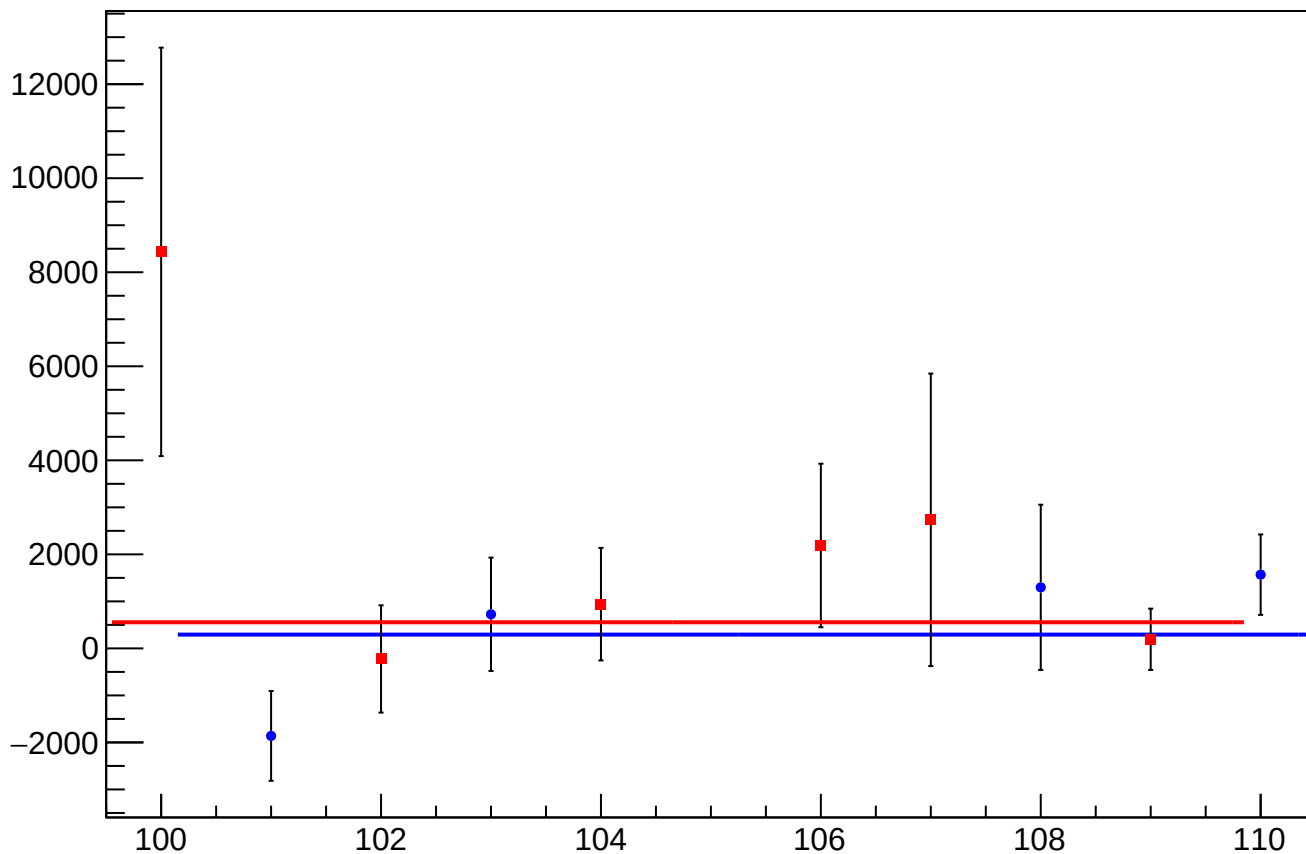
Right: 763.068 $\pm$ 0.258 χ^2 /NDF: 5549.2/9

In: 753.510 $\pm$ 0.374 χ^2 /NDF:1863.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 763.068 $\pm$ 0.258 χ^2 /NDF: 5549.2/9

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 293.612+/-536.336 χ^2/NDF : 7.8/3

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

Right Out: 555.634+/-481.749 χ^2/NDF : 5.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

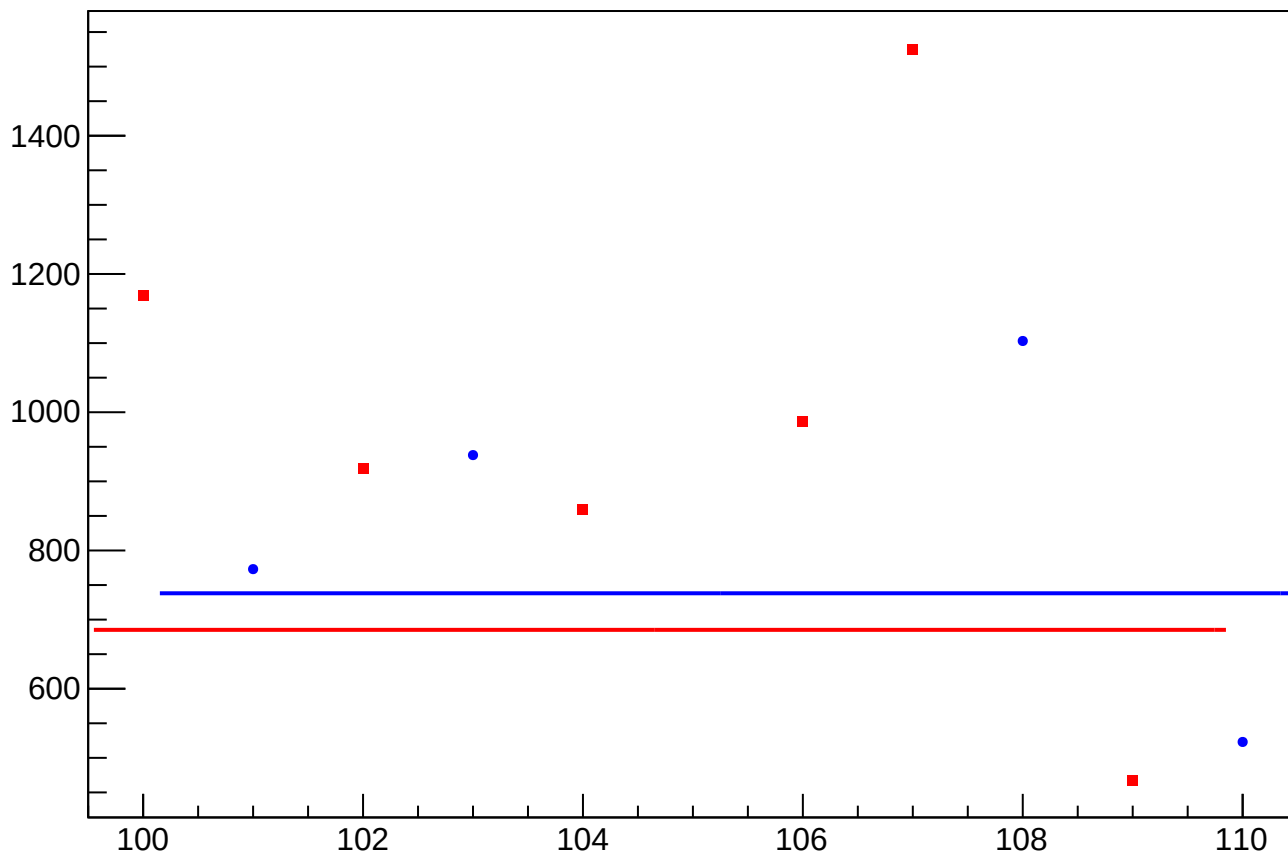
Right: 438.632+/-358.398 χ^2/NDF : 13.4/9

In: 293.612+/-536.336 χ^2/NDF : 7.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.632+/-358.398 χ^2/NDF : 13.4/9

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 738.087+/-0.379 χ^2/NDF : 270433.8/3

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

Right Out: 685.176+/-0.341 χ^2/NDF : 580744.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

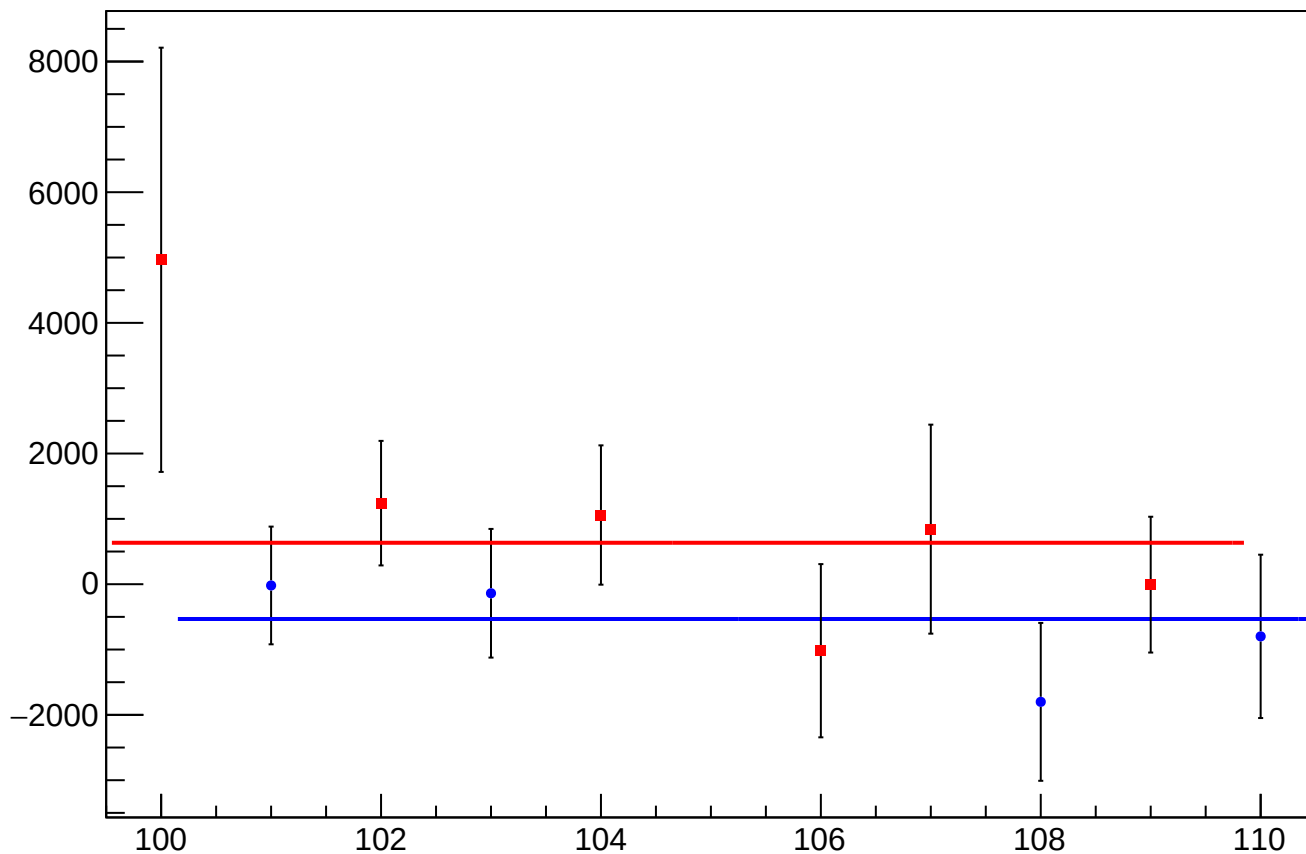
Right: 708.803+/-0.253 χ^2/NDF : 861951.8/9

In: 738.087+/-0.379 χ^2/NDF : 270433.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.803+/-0.253 χ^2/NDF : 861951.8/9

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -532.580+/-527.881 χ^2/NDF : 1.6/3

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

Right Out: 634.214+/-502.445 χ^2/NDF : 4.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

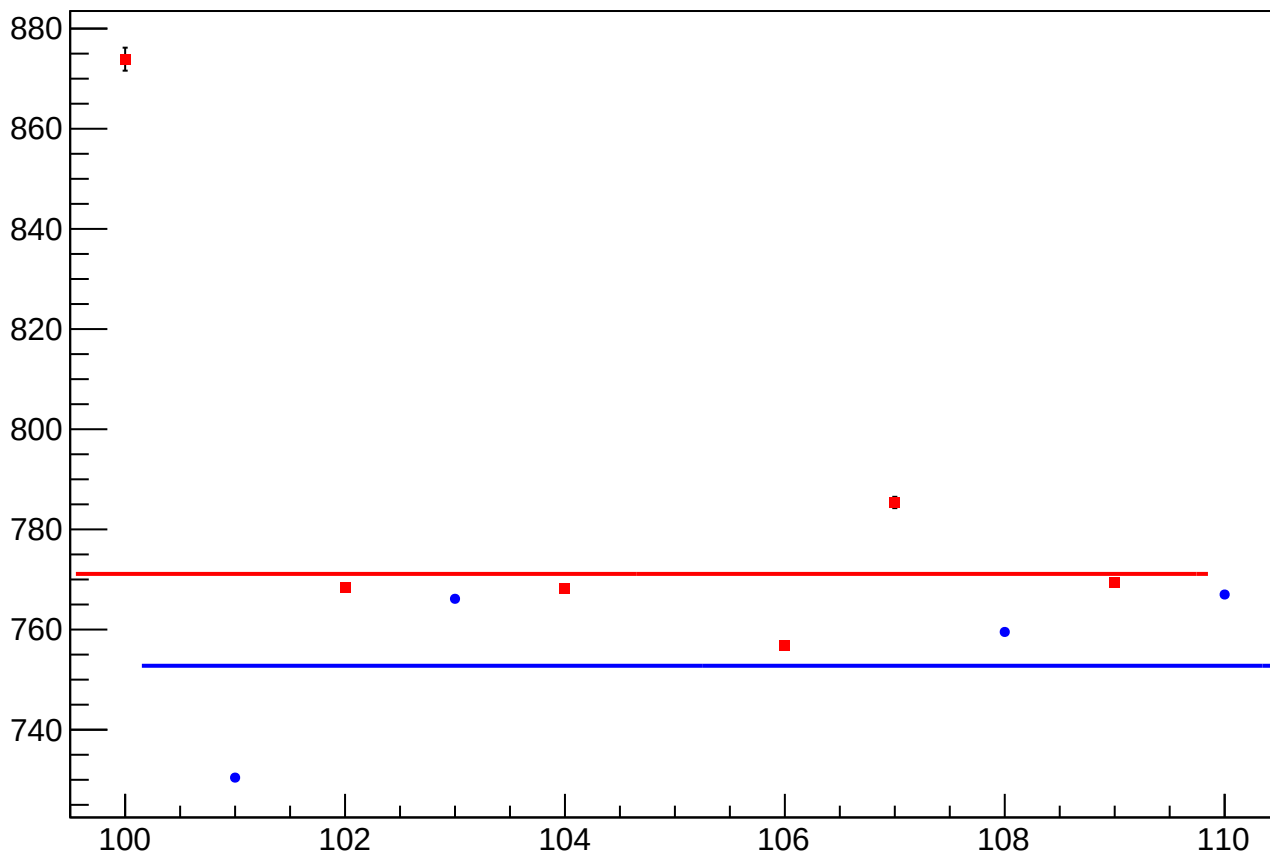
Right: 79.604+/-363.942 χ^2/NDF : 8.5/9

In: -532.580+/-527.881 χ^2/NDF : 1.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.604+/-363.942 χ^2/NDF : 8.5/9

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 752.771 $\pm$ 0.373 χ^2 /NDF: 1919.7/3

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

Right Out: 771.112 $\pm$ 0.355 χ^2 /NDF: 2433.3/5

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

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

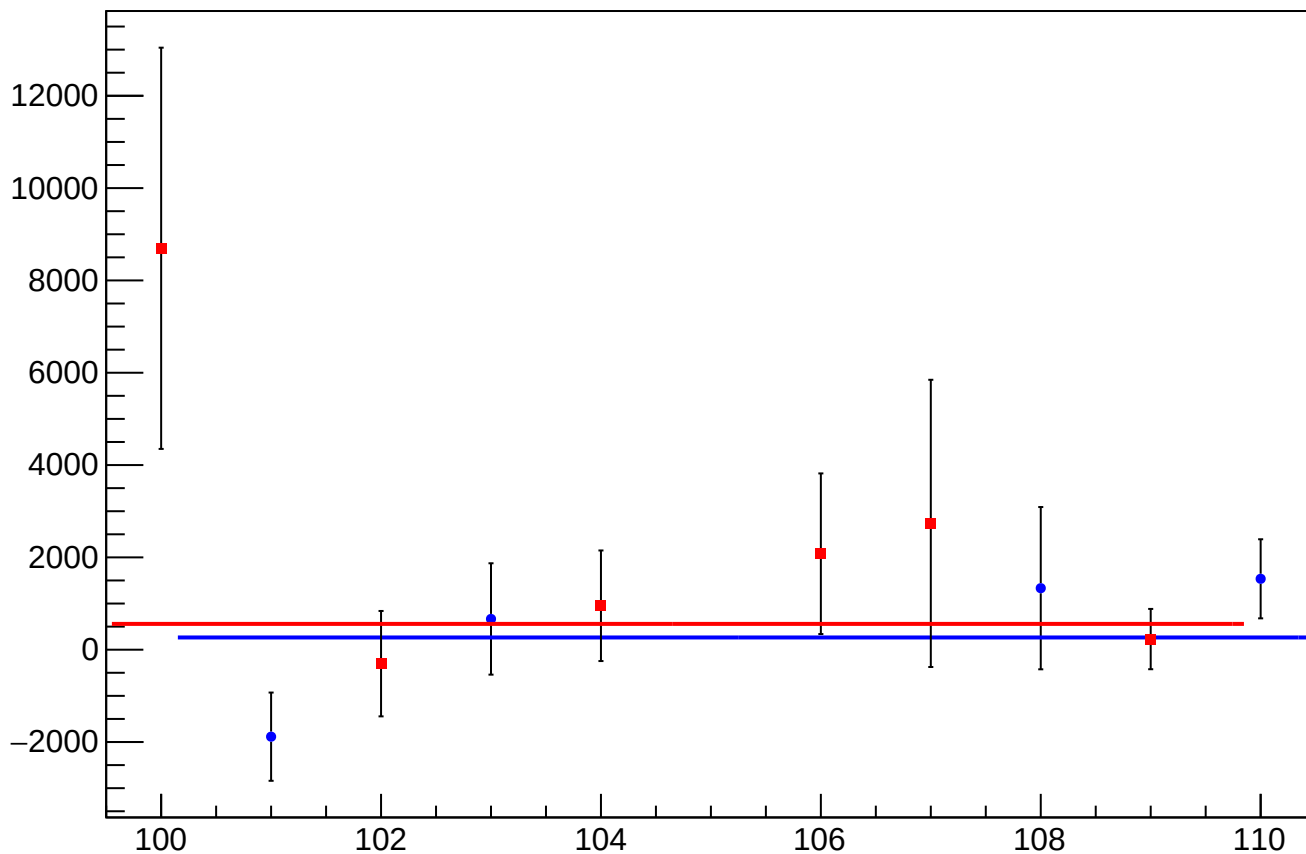
Right: 762.394 $\pm$ 0.257 χ^2 /NDF: 5619.8/9

In: 752.771 $\pm$ 0.373 χ^2 /NDF: 1919.7/3

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

All: 762.394 $\pm$ 0.257 χ^2 /NDF: 5619.8/9

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 264.981+/-536.989 χ^2/NDF : 7.7/3

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

Right Out: 558.960+/-482.496 χ^2/NDF : 5.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

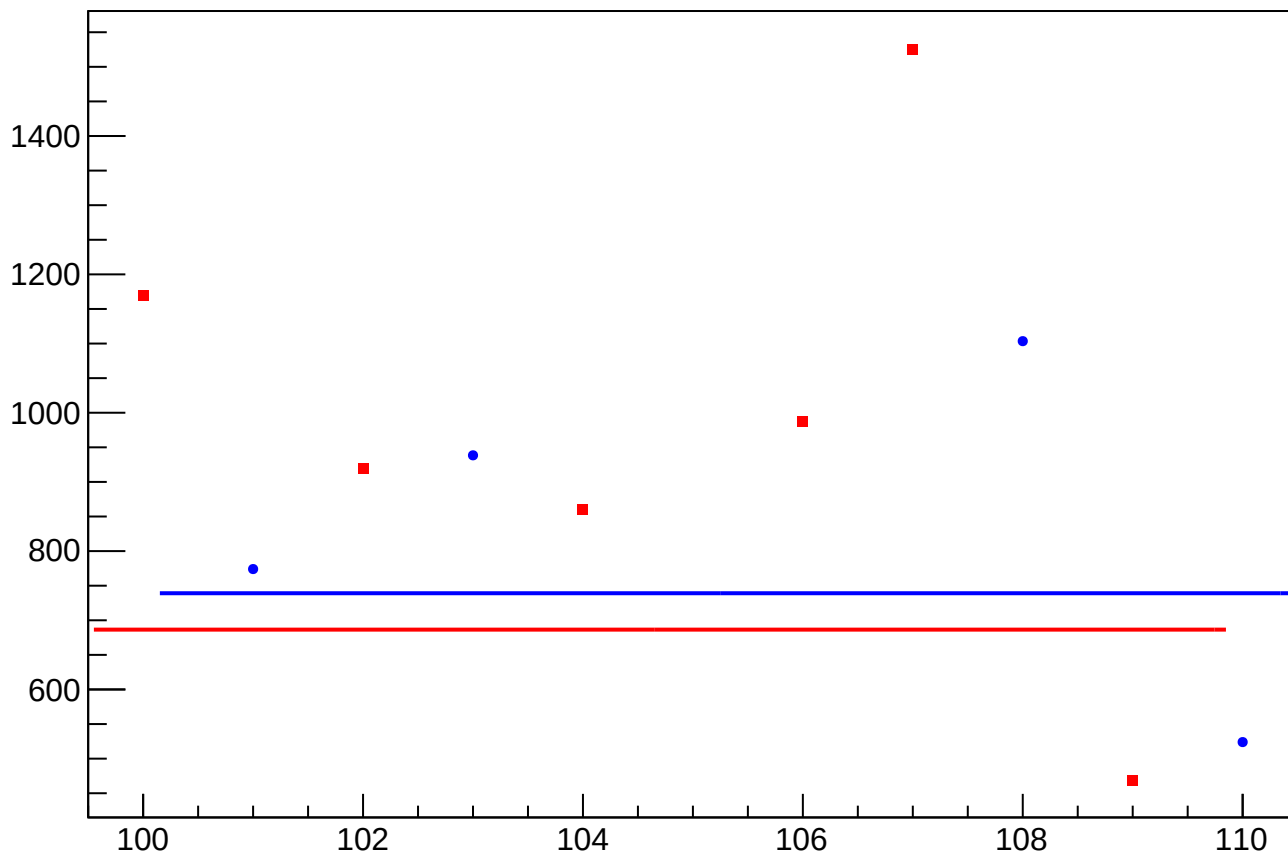
Right: 427.639+/-358.900 χ^2/NDF : 13.6/9

In: 264.981+/-536.989 χ^2/NDF : 7.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 427.639+/-358.900 χ^2/NDF : 13.6/9

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 739.094+/-0.380 χ^2/NDF : 269380.4/3

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

Right Out: 686.497+/-0.341 χ^2/NDF : 578008.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

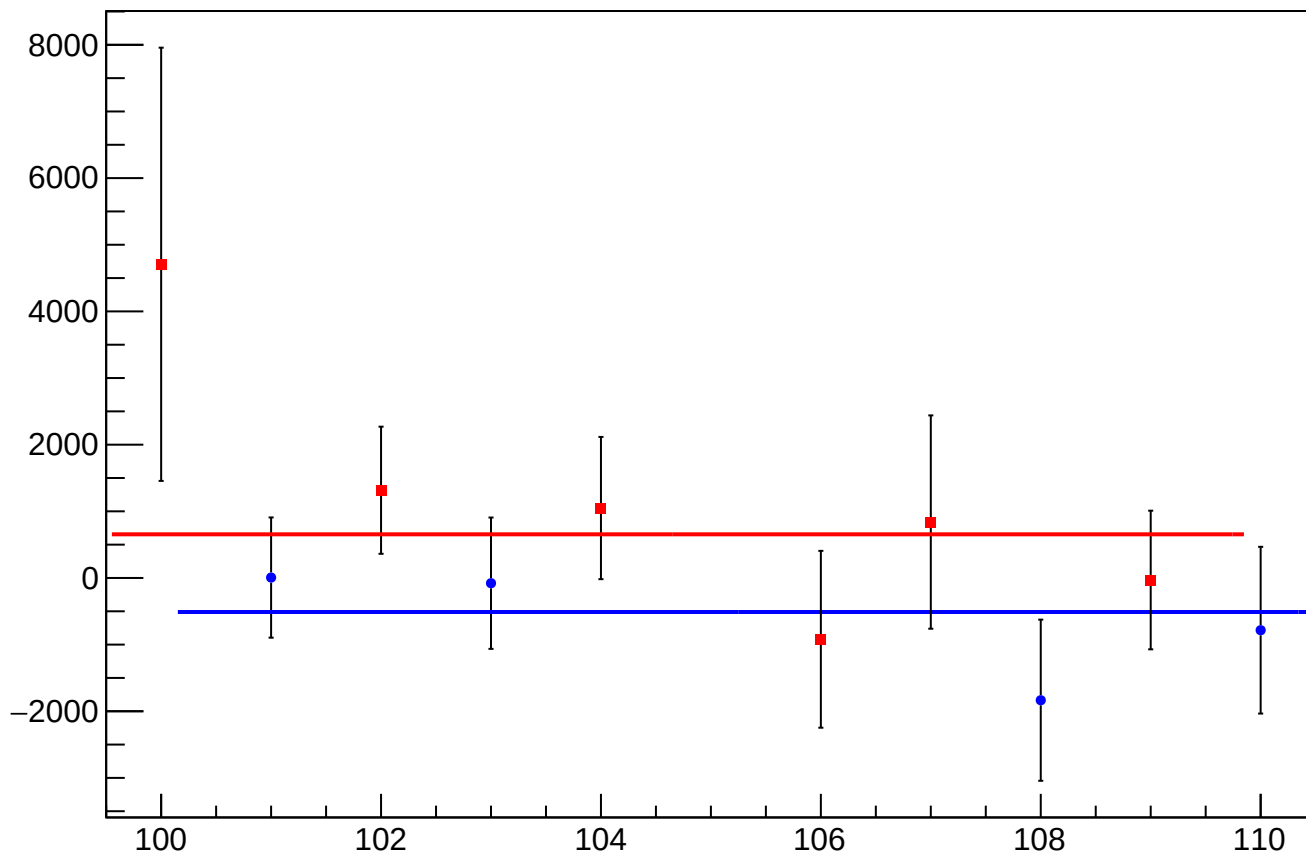
Right: 709.992+/-0.254 χ^2/NDF : 858005.4/9

In: 739.094+/-0.380 χ^2/NDF : 269380.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 709.992+/-0.254 χ^2/NDF : 858005.4/9

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -510.657+/-528.396 χ^2/NDF : 1.8/3

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

Right Out: 655.001+/-502.844 χ^2/NDF : 4.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

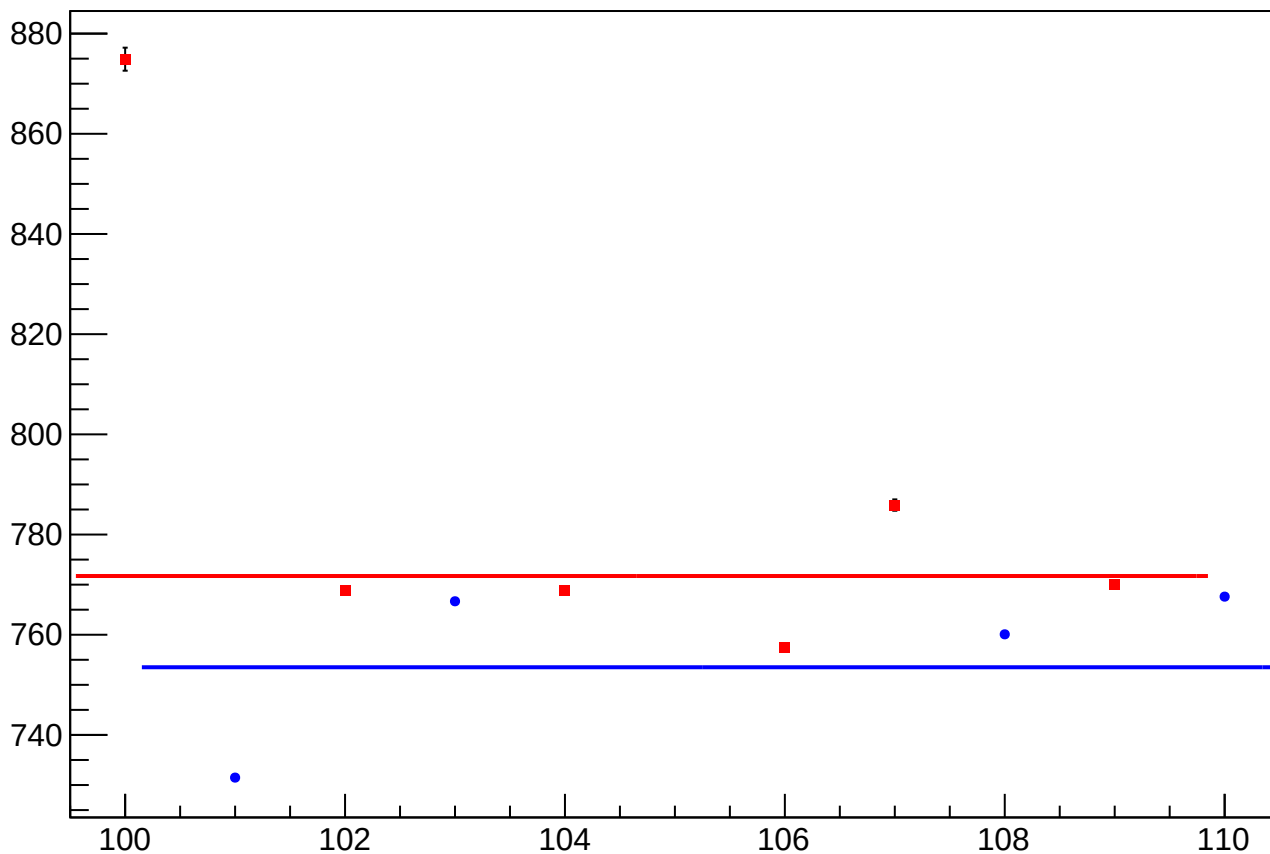
Right: 101.037+/-364.263 χ^2/NDF : 8.3/9

In: -510.657+/-528.396 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.037+/-364.263 χ^2/NDF : 8.3/9

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 753.510 $\pm$ 0.374 χ^2 /NDF: 1863.0/3

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

Right Out: 771.724 $\pm$ 0.356 χ^2 /NDF: 2439.1/5

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

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

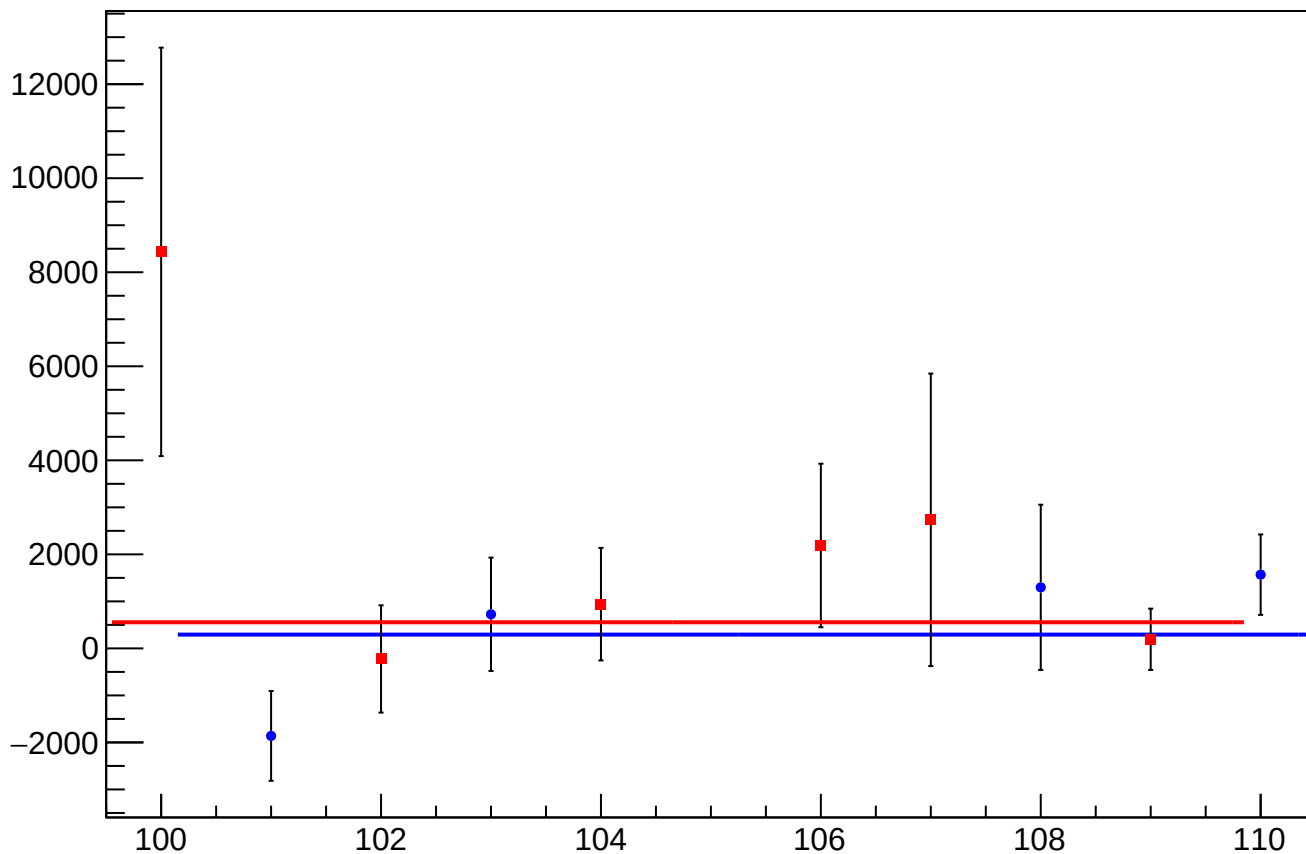
Right: 763.068 $\pm$ 0.258 χ^2 /NDF: 5549.2/9

In: 753.510 $\pm$ 0.374 χ^2 /NDF:1863.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 763.068 $\pm$ 0.258 χ^2 /NDF: 5549.2/9

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 293.612+/-536.336 χ^2/NDF : 7.8/3

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

Right Out: 555.634+/-481.749 χ^2/NDF : 5.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

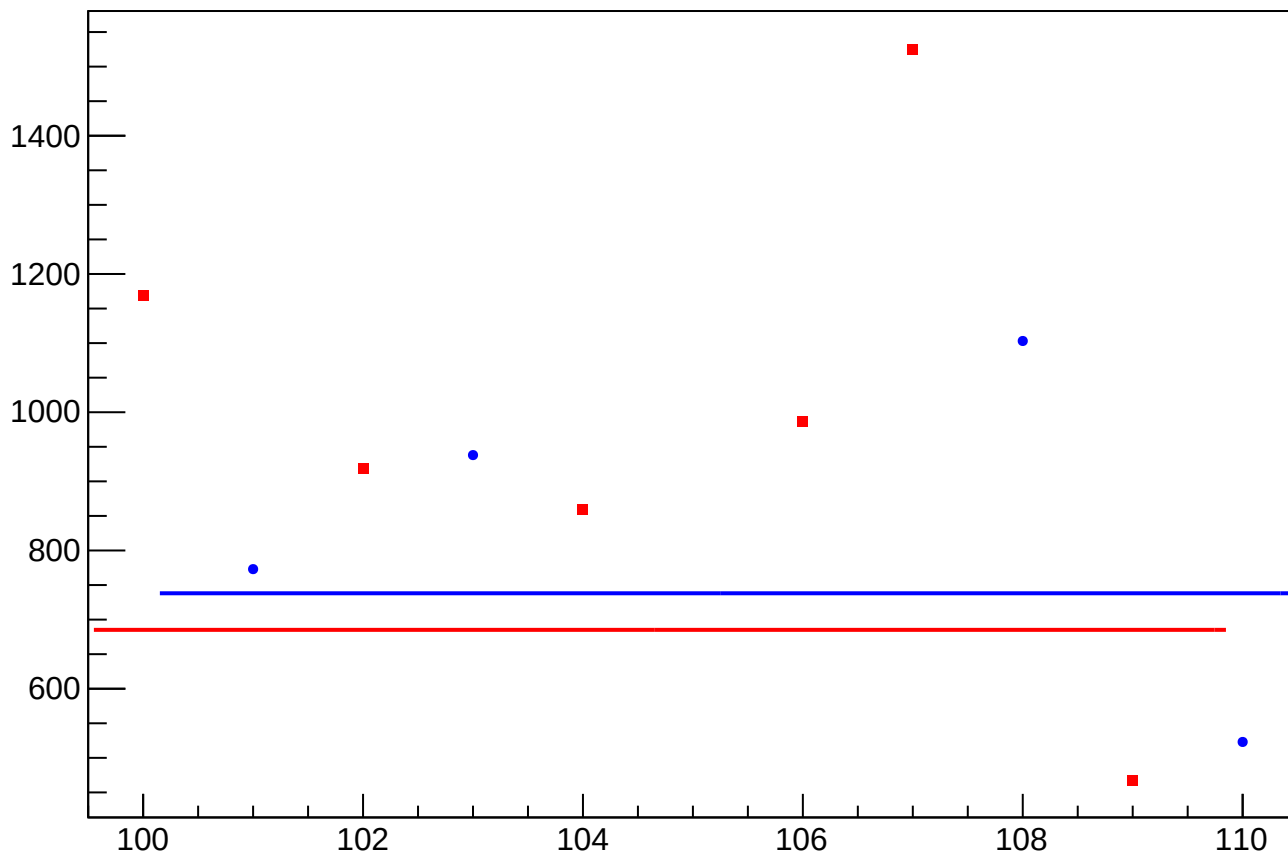
Right: 438.632+/-358.398 χ^2/NDF : 13.4/9

In: 293.612+/-536.336 χ^2/NDF : 7.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.632+/-358.398 χ^2/NDF : 13.4/9

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 738.087+/-0.379 χ^2/NDF : 270433.8/3

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

Right Out: 685.176+/-0.341 χ^2/NDF : 580744.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

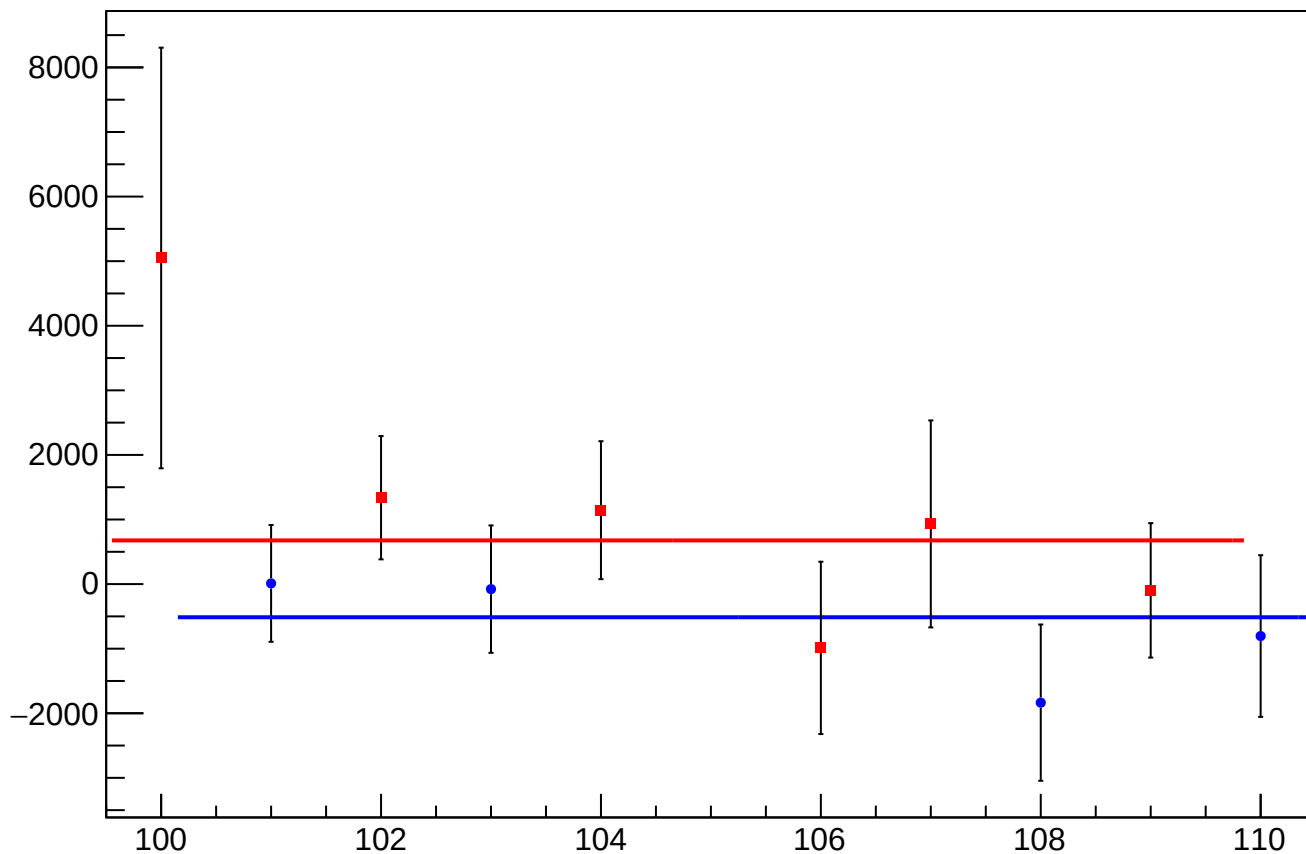
Right: 708.803+/-0.253 χ^2/NDF : 861951.8/9

In: 738.087+/-0.379 χ^2/NDF : 270433.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.803+/-0.253 χ^2/NDF : 861951.8/9

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -513.483+/-529.101 χ^2 /NDF: 1.8/3

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

Right Out: 676.121+/-503.607 χ^2 /NDF: 4.6/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

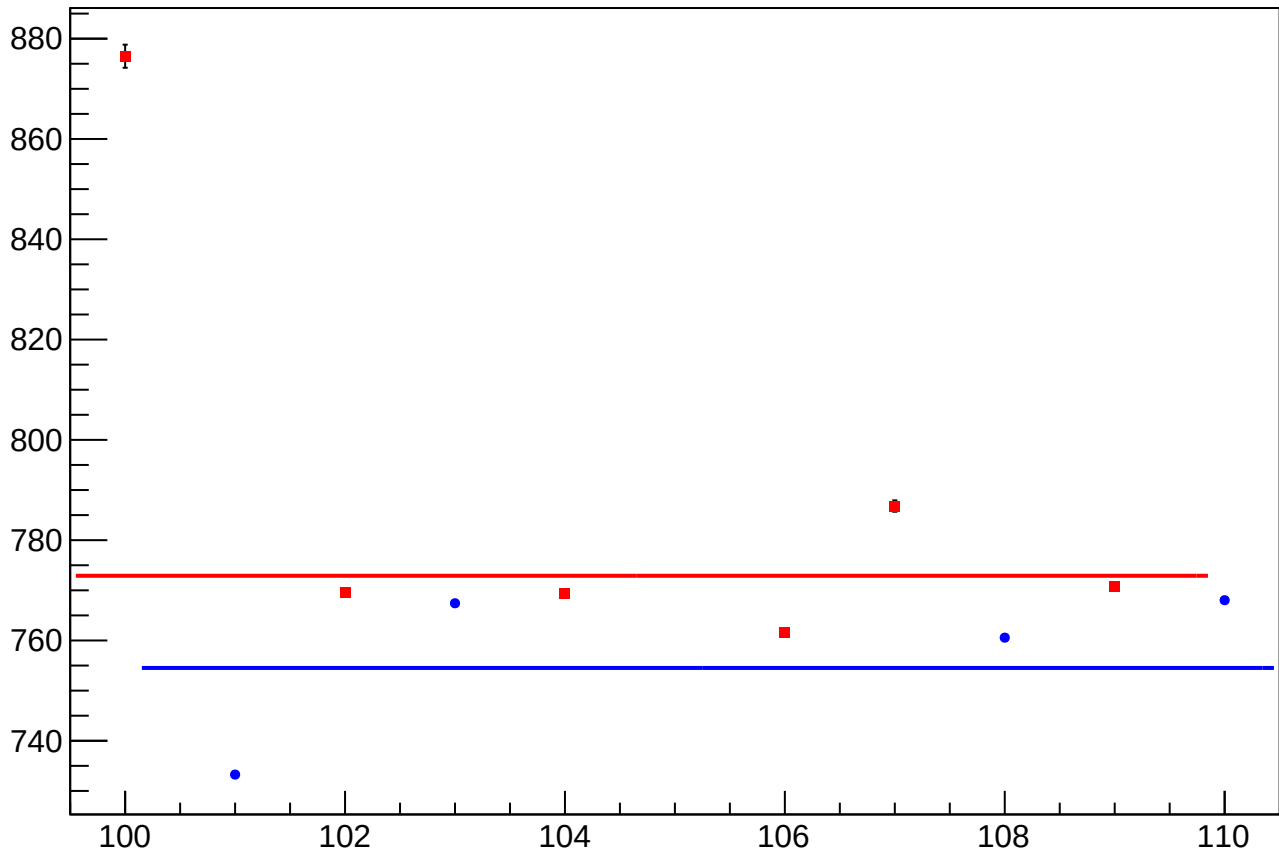
Right: 110.667+/-364.784 χ^2 /NDF: 9.0/9

In: -513.483+/-529.101 χ^2 /NDF:1.8/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 110.667+/-364.784 χ^2 /NDF: 9.0/9

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 754.523+/-0.374 χ^2/NDF : 1730.7/3

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

Right Out: 772.902+/-0.356 χ^2/NDF : 2374.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

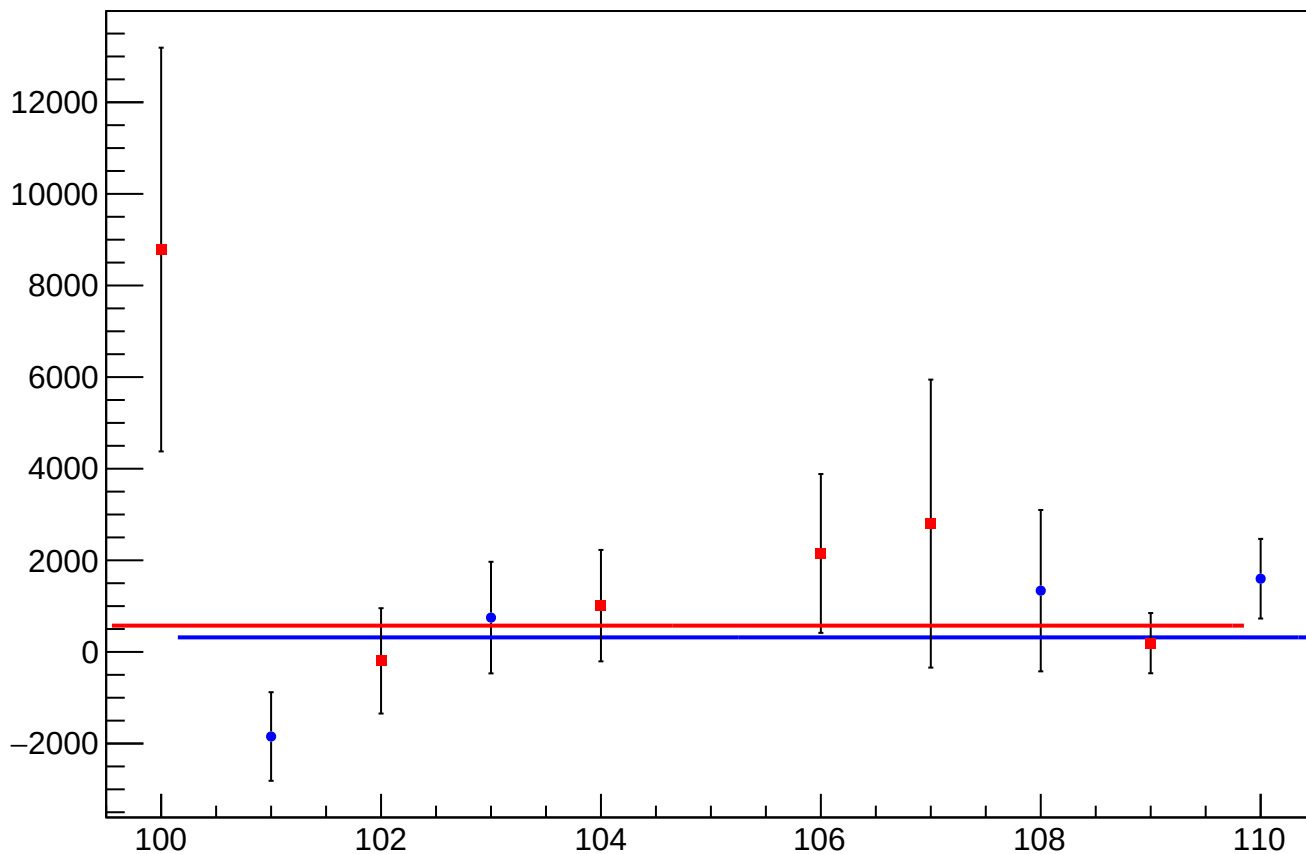
Right: 764.166+/-0.258 χ^2/NDF : 5371.2/9

In: 754.523+/-0.374 χ^2/NDF : 1730.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 764.166+/-0.258 χ^2/NDF : 5371.2/9

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 317.606+/-543.279 χ^2/NDF : 7.6/3

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

Right Out: 574.053+/-486.133 χ^2/NDF : 5.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

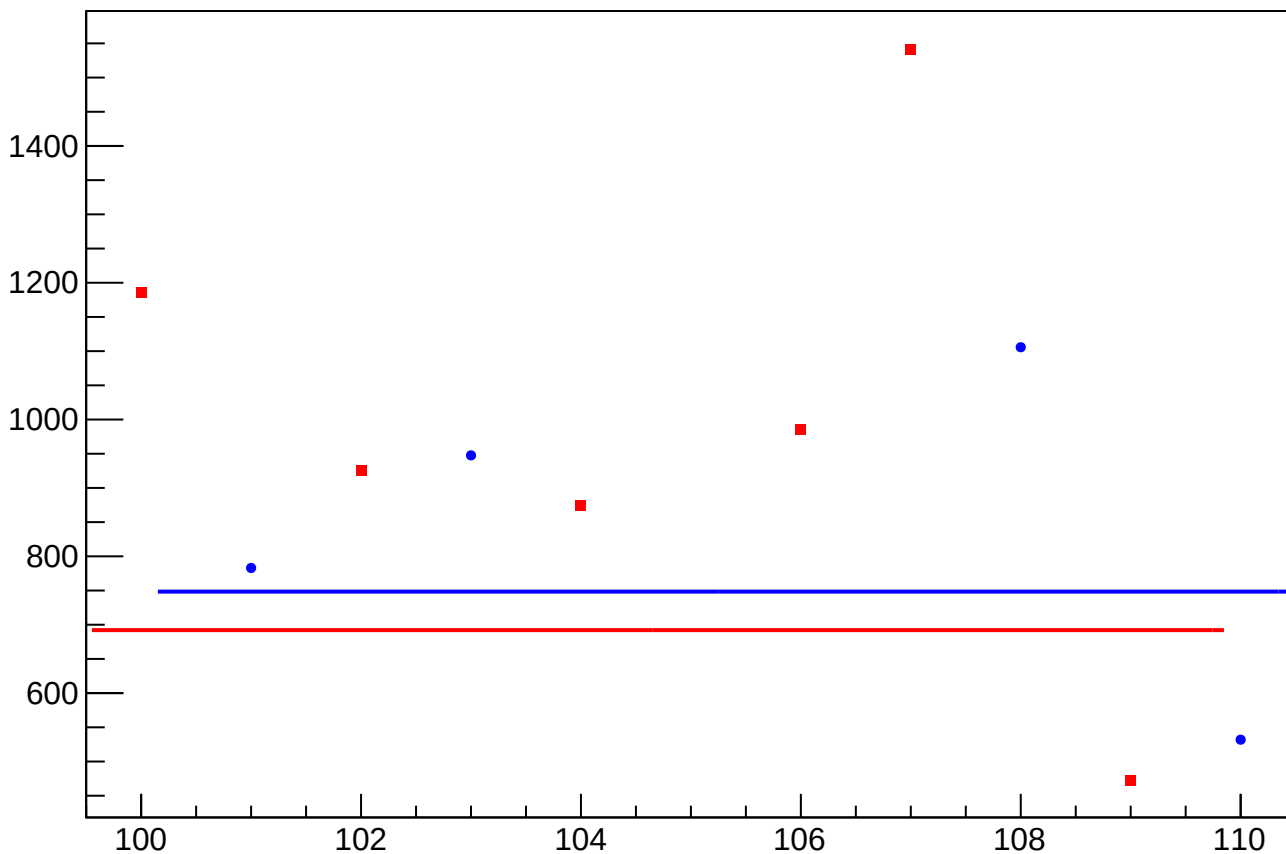
Right: 460.022+/-362.273 χ^2/NDF : 13.5/9

In: 317.606+/-543.279 χ^2/NDF : 7.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.022+/-362.273 χ^2/NDF : 13.5/9

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 748.412+/-0.384 χ^2/NDF : 262340.5/3

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

Right Out: 692.100+/-0.344 χ^2/NDF : 579617.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

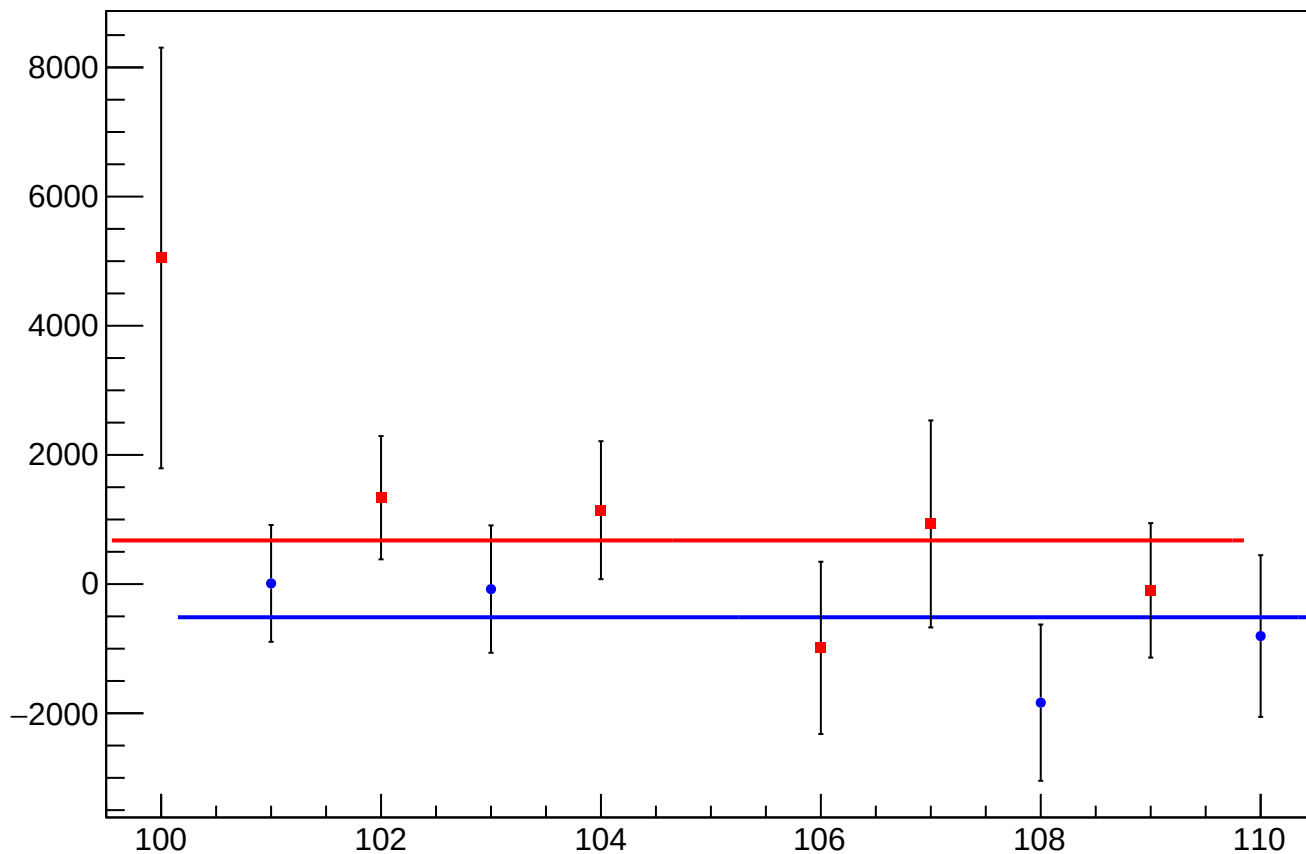
Right: 717.140+/-0.256 χ^2/NDF : 853890.6/9

In: 748.412+/-0.384 χ^2/NDF : 262340.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 717.140+/-0.256 χ^2/NDF : 853890.6/9

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -513.484+/-529.101 χ^2/NDF : 1.8/3

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

Right Out: 676.120+/-503.607 χ^2/NDF : 4.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

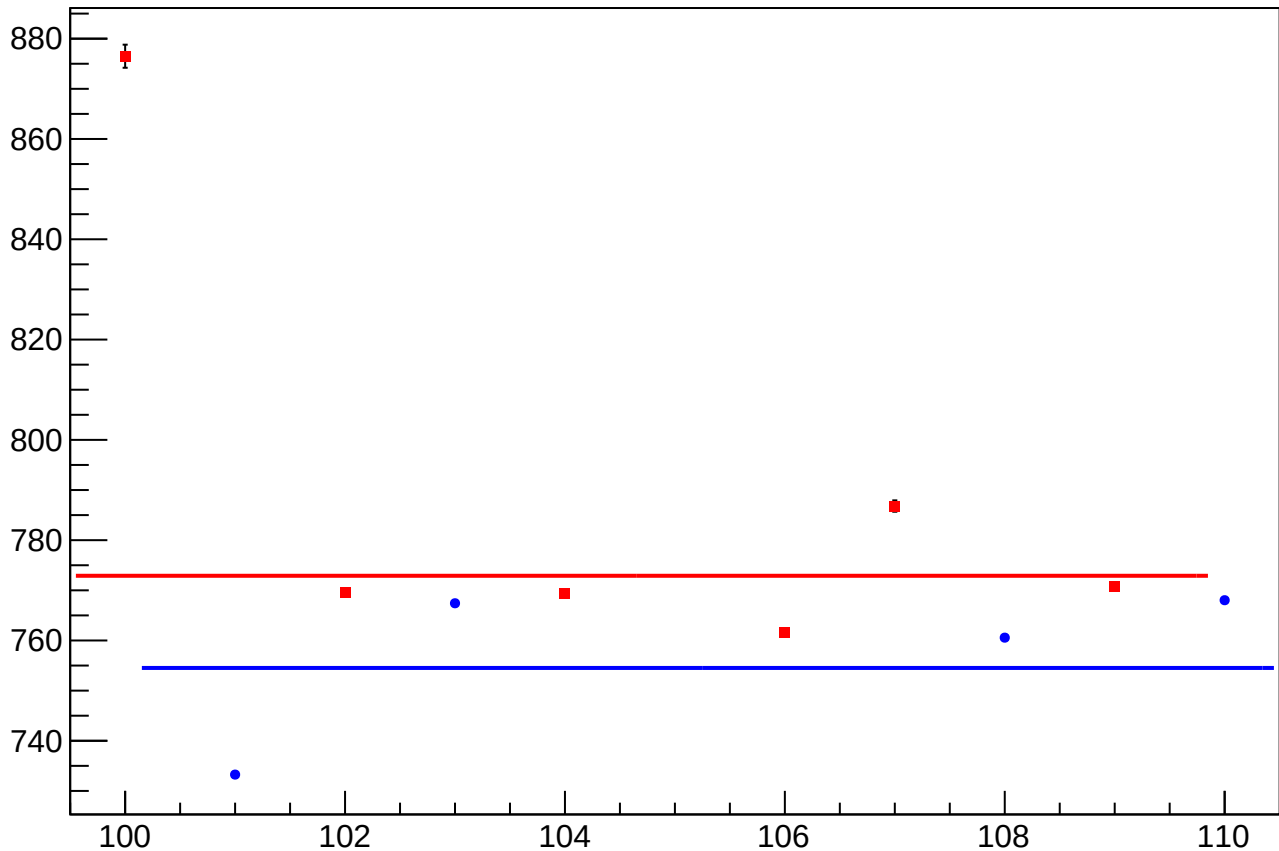
Right: 110.666+/-364.784 χ^2/NDF : 9.0/9

In: -513.484+/-529.101 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.666+/-364.784 χ^2/NDF : 9.0/9

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 754.523+/-0.374 χ^2/NDF : 1730.7/3

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

Right Out: 772.902+/-0.356 χ^2/NDF : 2374.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

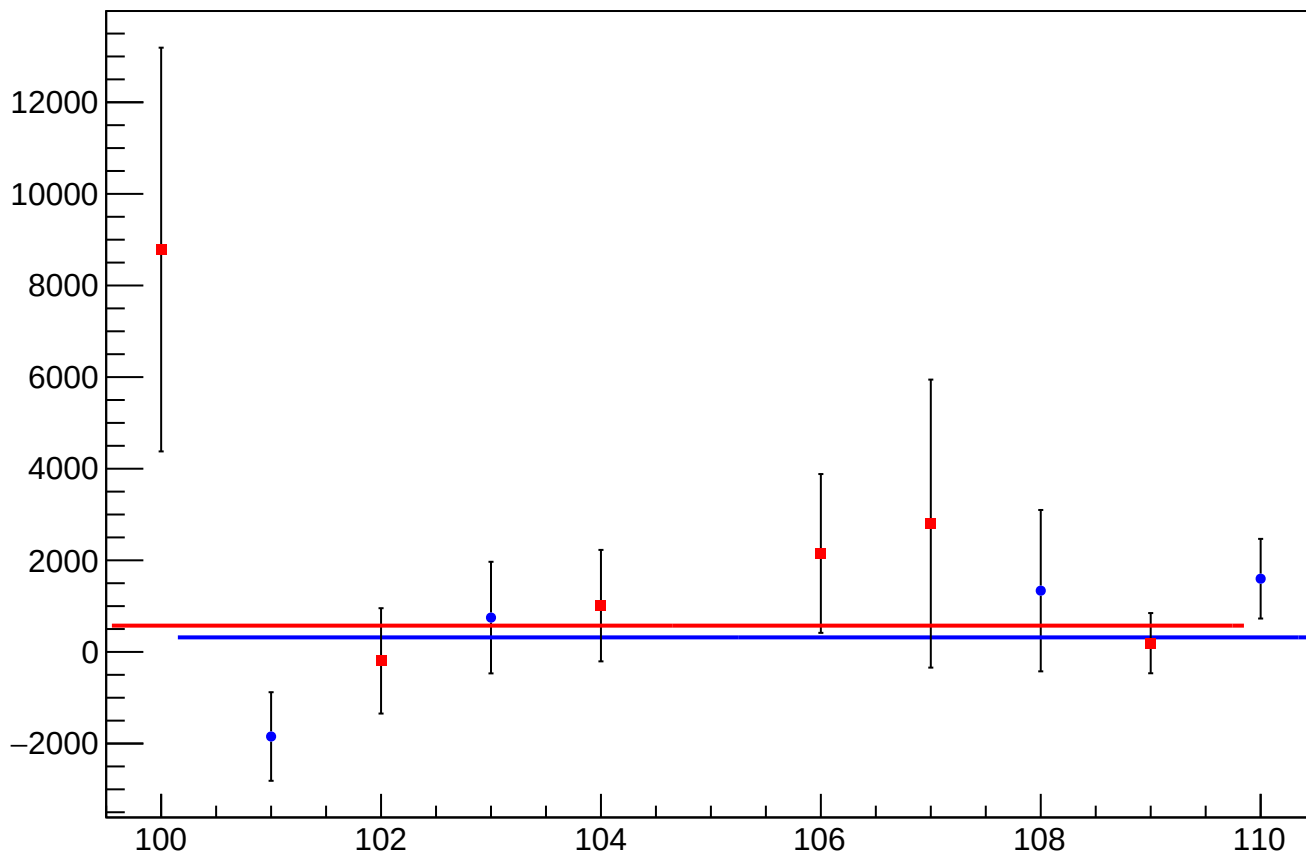
Right: 764.166+/-0.258 χ^2/NDF : 5371.2/9

In: 754.523+/-0.374 χ^2/NDF : 1730.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 764.166+/-0.258 χ^2/NDF : 5371.2/9

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 317.609+/-543.278 χ^2/NDF : 7.6/3

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

Right Out: 574.054+/-486.132 χ^2/NDF : 5.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

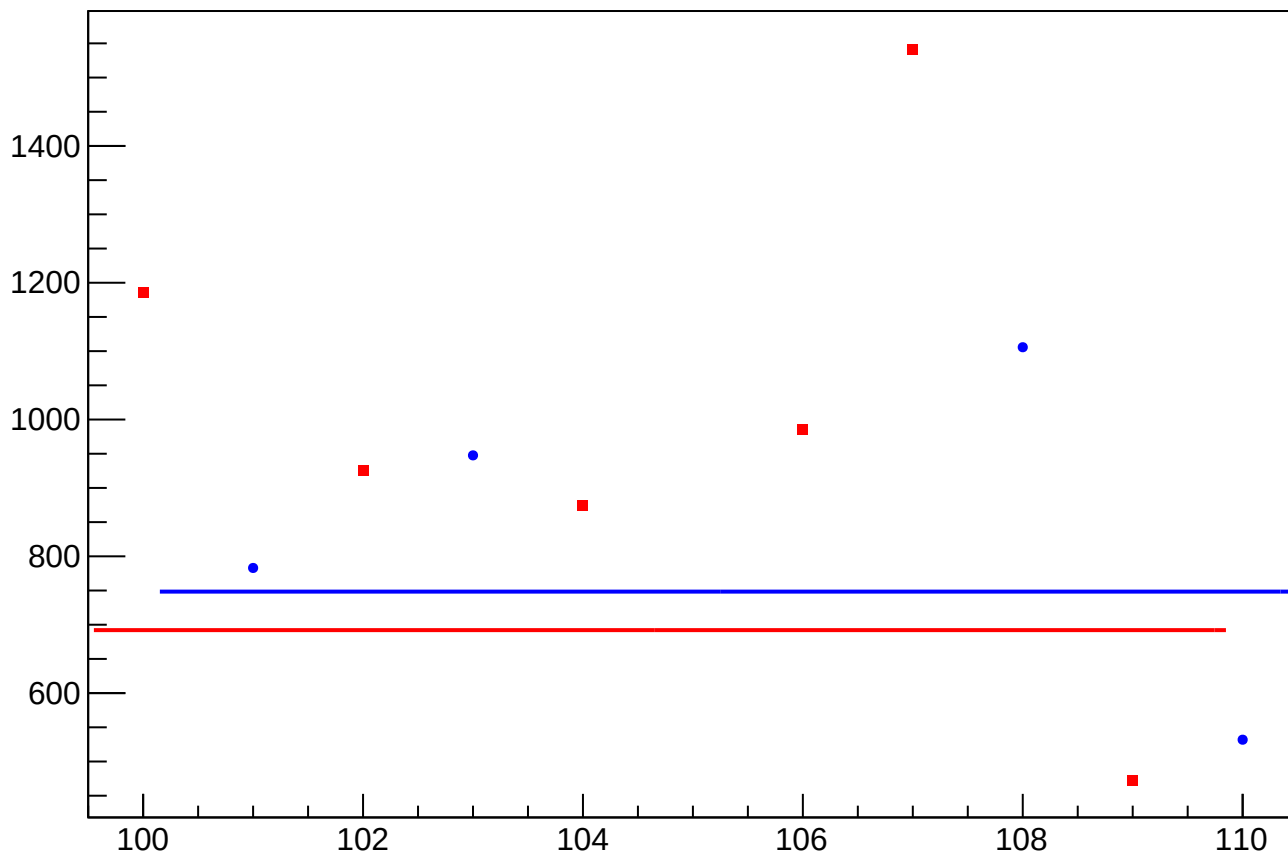
Right: 460.024+/-362.272 χ^2/NDF : 13.5/9

In: 317.609+/-543.278 χ^2/NDF : 7.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.024+/-362.272 χ^2/NDF : 13.5/9

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 748.409+/-0.384 χ^2/NDF : 262350.1/3

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

Right Out: 692.098+/-0.344 χ^2/NDF : 579628.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

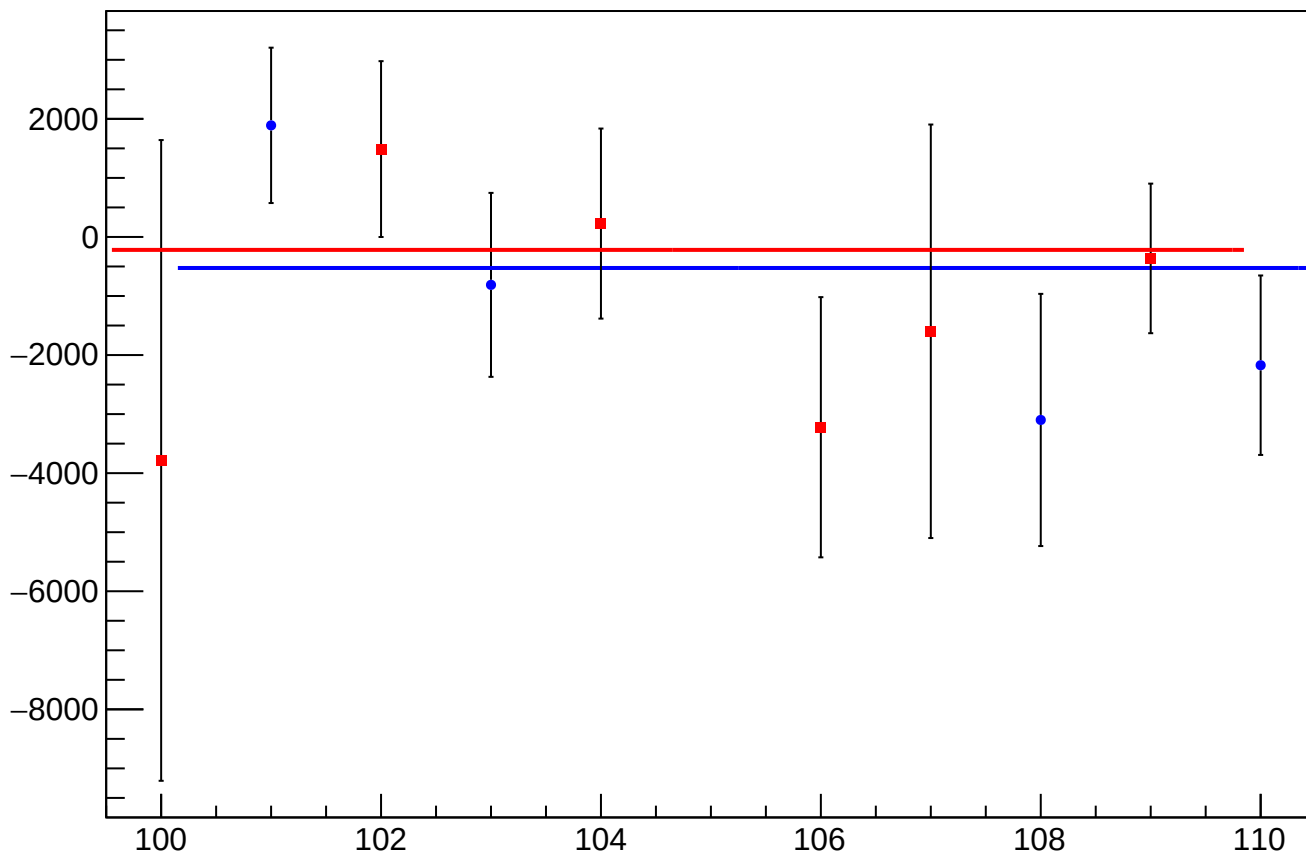
Right: 717.137+/-0.256 χ^2/NDF : 853911.0/9

In: 748.409+/-0.384 χ^2/NDF : 262350.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 717.137+/-0.256 χ^2/NDF : 853911.0/9

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -525.419+/-780.334 χ^2/NDF : 6.0/3

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

Right Out: -219.093+/-749.129 χ^2/NDF : 3.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

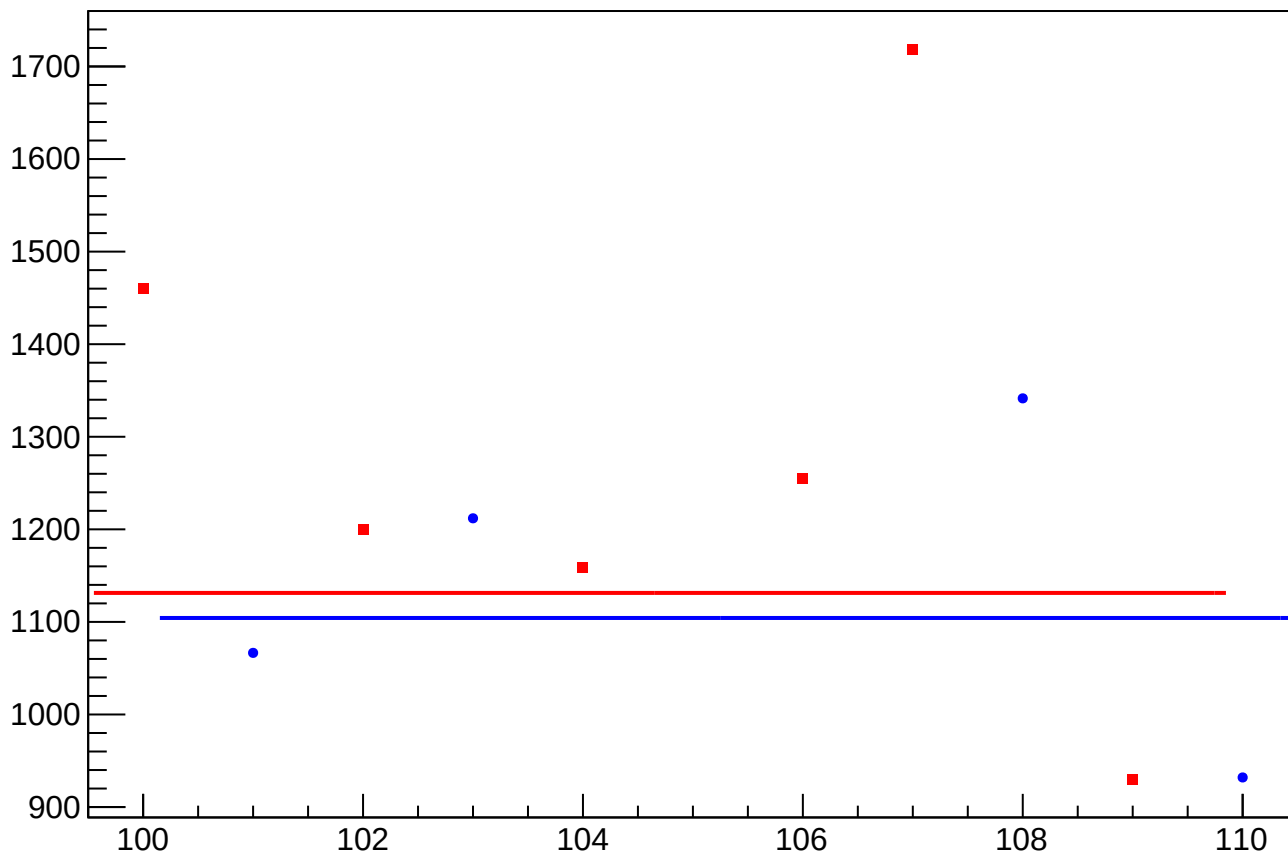
Right: -366.009+/-540.409 χ^2/NDF : 10.0/9

In: -525.419+/-780.334 χ^2/NDF : 6.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -366.009+/-540.409 χ^2/NDF : 10.0/9

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1104.257+/-0.552 χ^2/NDF : 61592.4/3

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

Right Out: 1131.315+/-0.530 χ^2/NDF : 125469.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

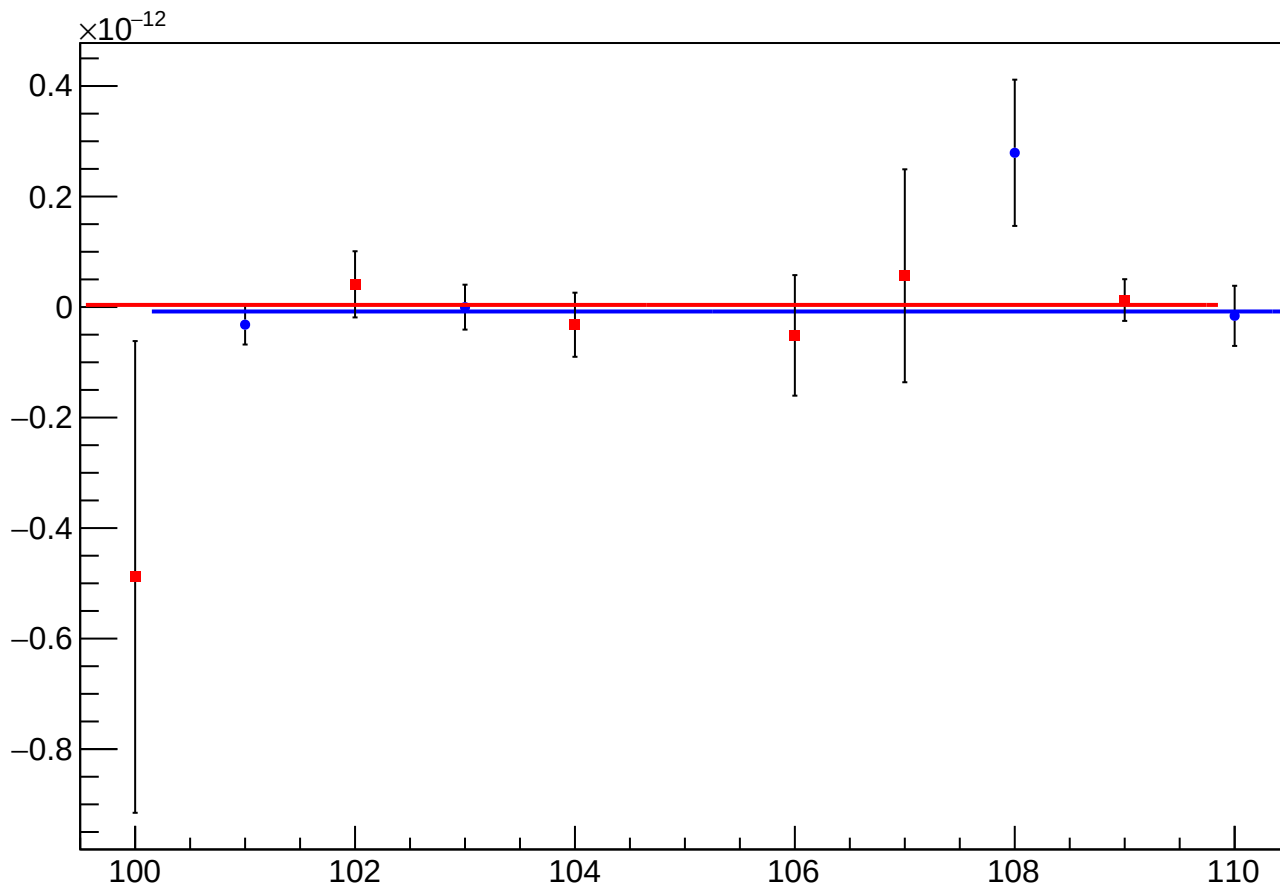
Right: 1118.338+/-0.382 χ^2/NDF : 188313.6/9

In: 1104.257+/-0.552 χ^2/NDF : 61592.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1118.338+/-0.382 χ^2/NDF : 188313.6/9

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.2/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

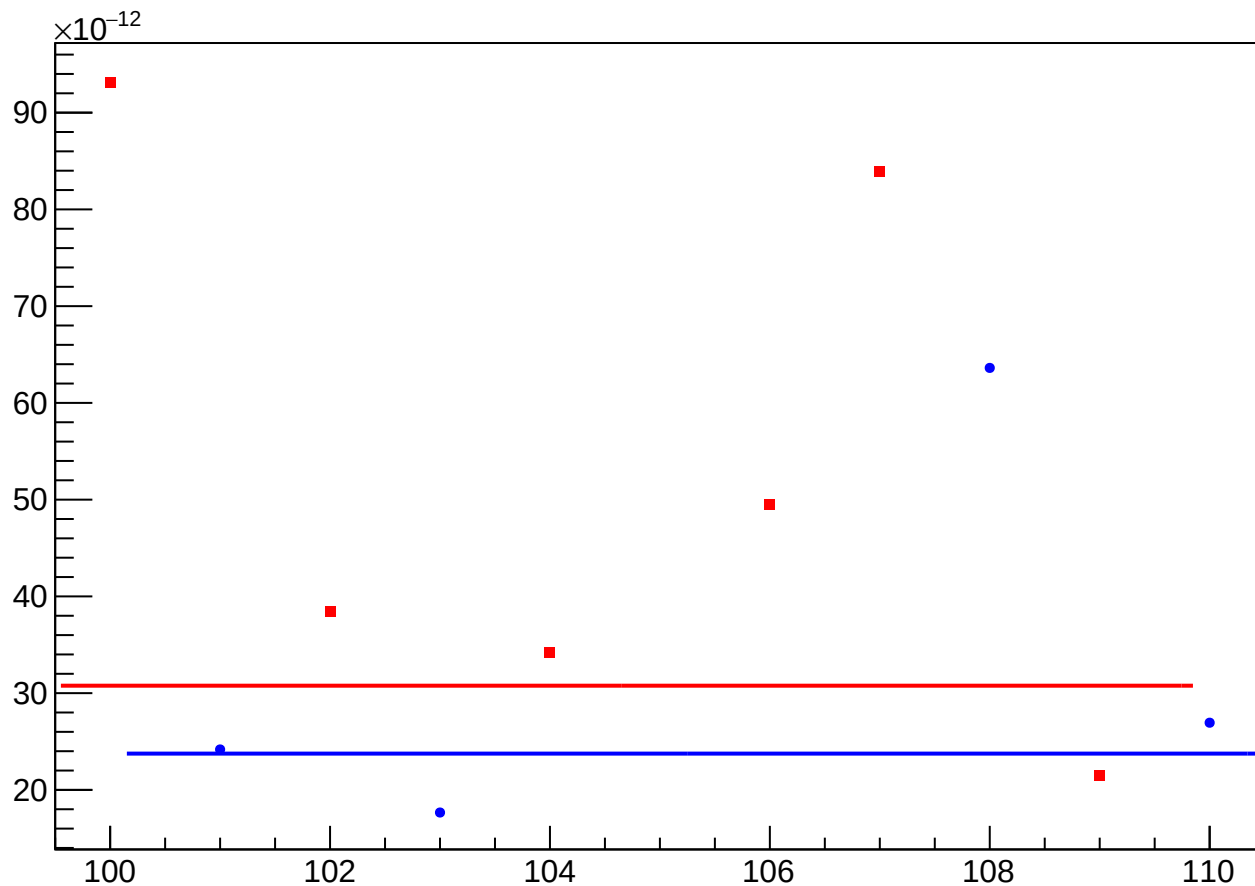
Right: -0.000+/-0.000 χ^2/NDF : 7.8/9

In: -0.000+/-0.000 χ^2/NDF : 5.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.8/9

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 233554.1/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 412790.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

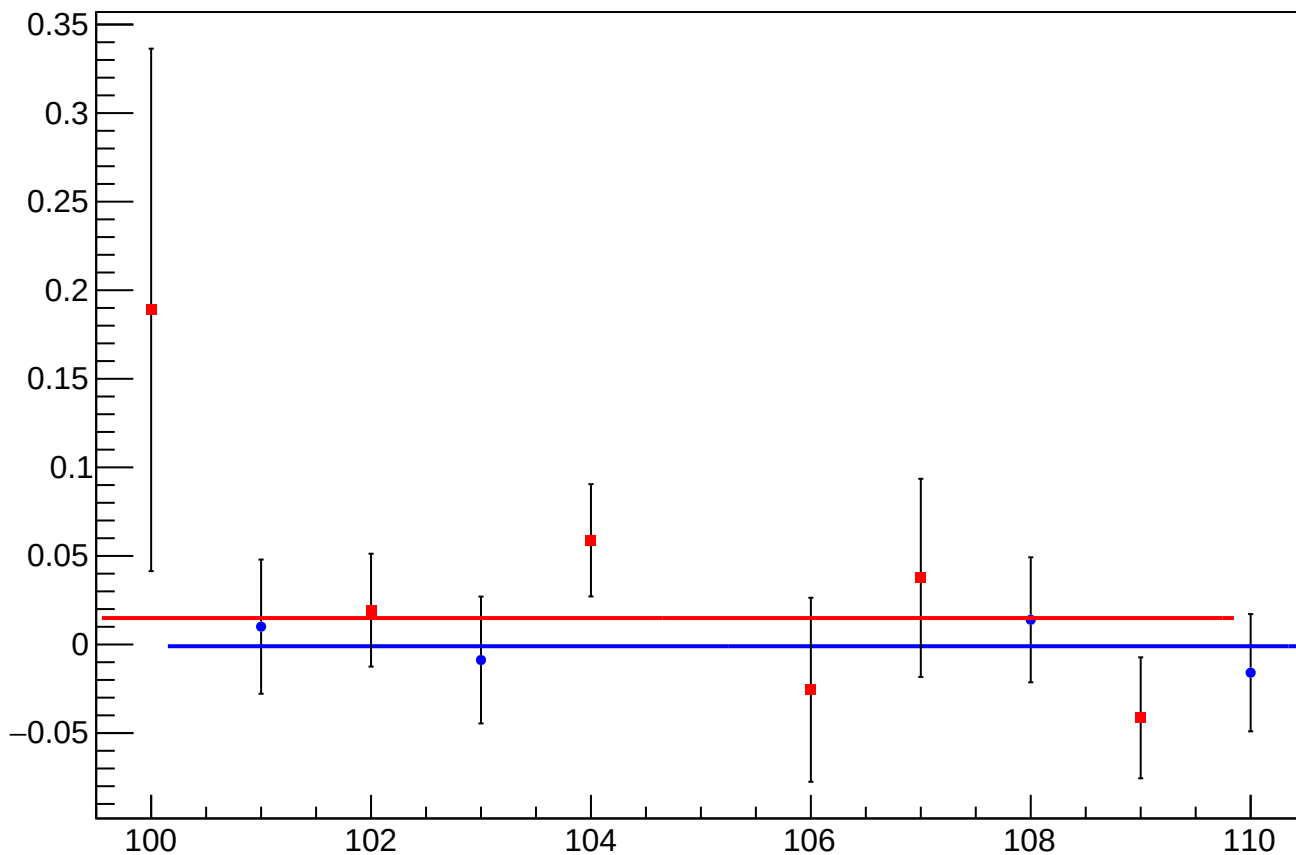
Right: 0.000+/-0.000 χ^2/NDF : 723294.1/9

In: 0.000+/-0.000 χ^2/NDF : 233554.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 723294.1/9

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.018 χ^2/NDF : 0.5/3

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

Right Out: 0.015 ± 0.017 χ^2/NDF : 6.8/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

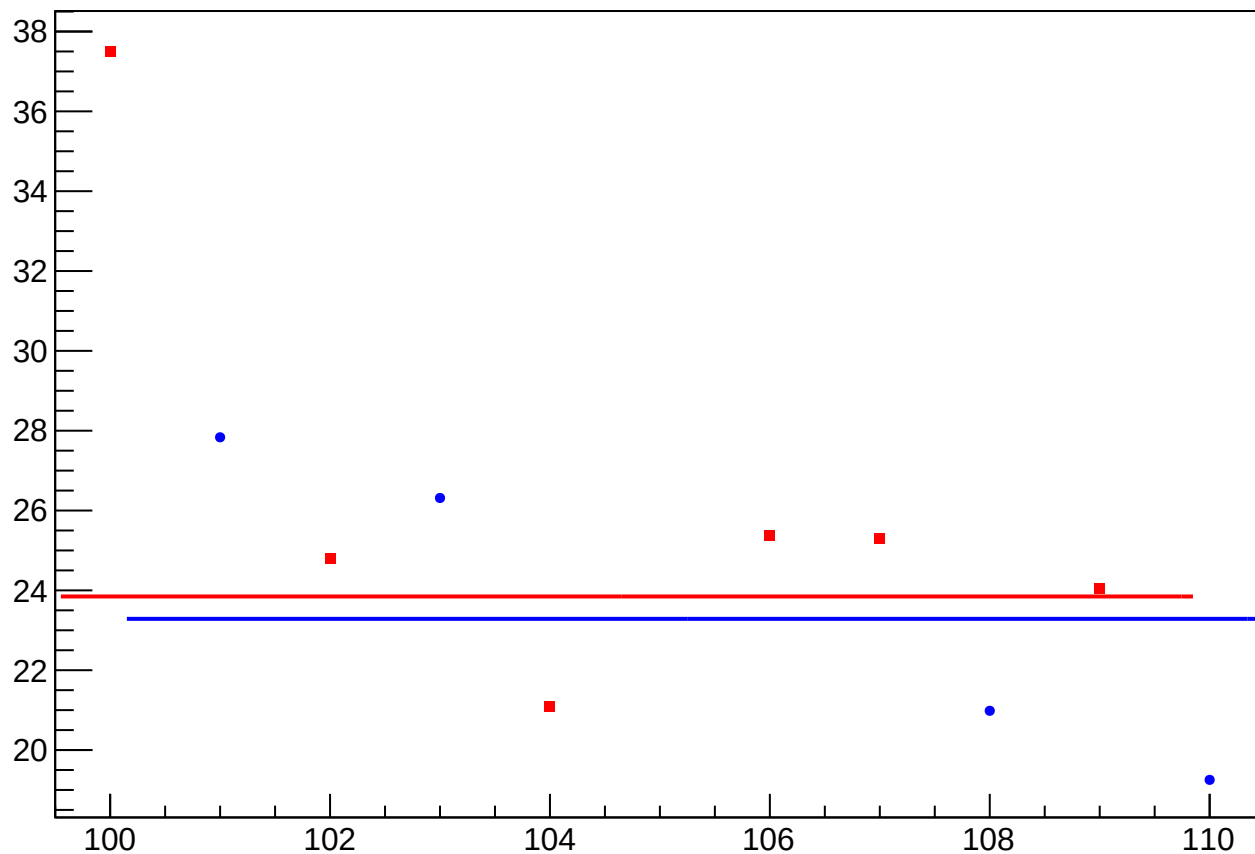
Right: 0.007 ± 0.012 χ^2/NDF : 7.8/9

In: -0.001 ± 0.018 χ^2/NDF : 0.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.012 χ^2/NDF : 7.8/9

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.287+/-0.013 χ^2/NDF : 81365.0/3

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

Right Out: 23.847+/-0.012 χ^2/NDF : 37238.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

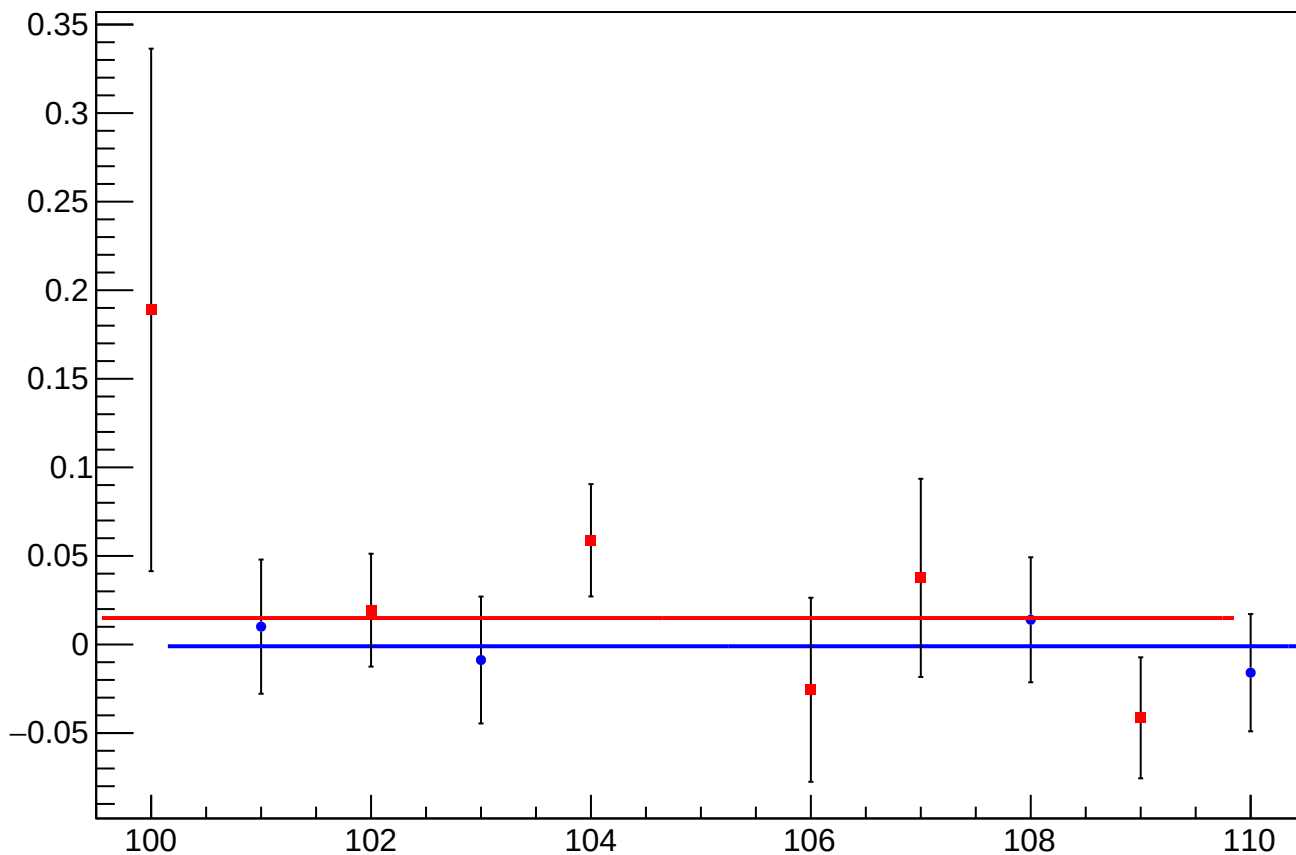
Right: 23.582+/-0.009 χ^2/NDF : 119662.2/9

In: 23.287+/-0.013 χ^2/NDF : 81365.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.582+/-0.009 χ^2/NDF : 119662.2/9

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.018 χ^2 /NDF: 0.5/3

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

Right Out: 0.015 $\pm$ 0.017 χ^2 /NDF: 6.8/5

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

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

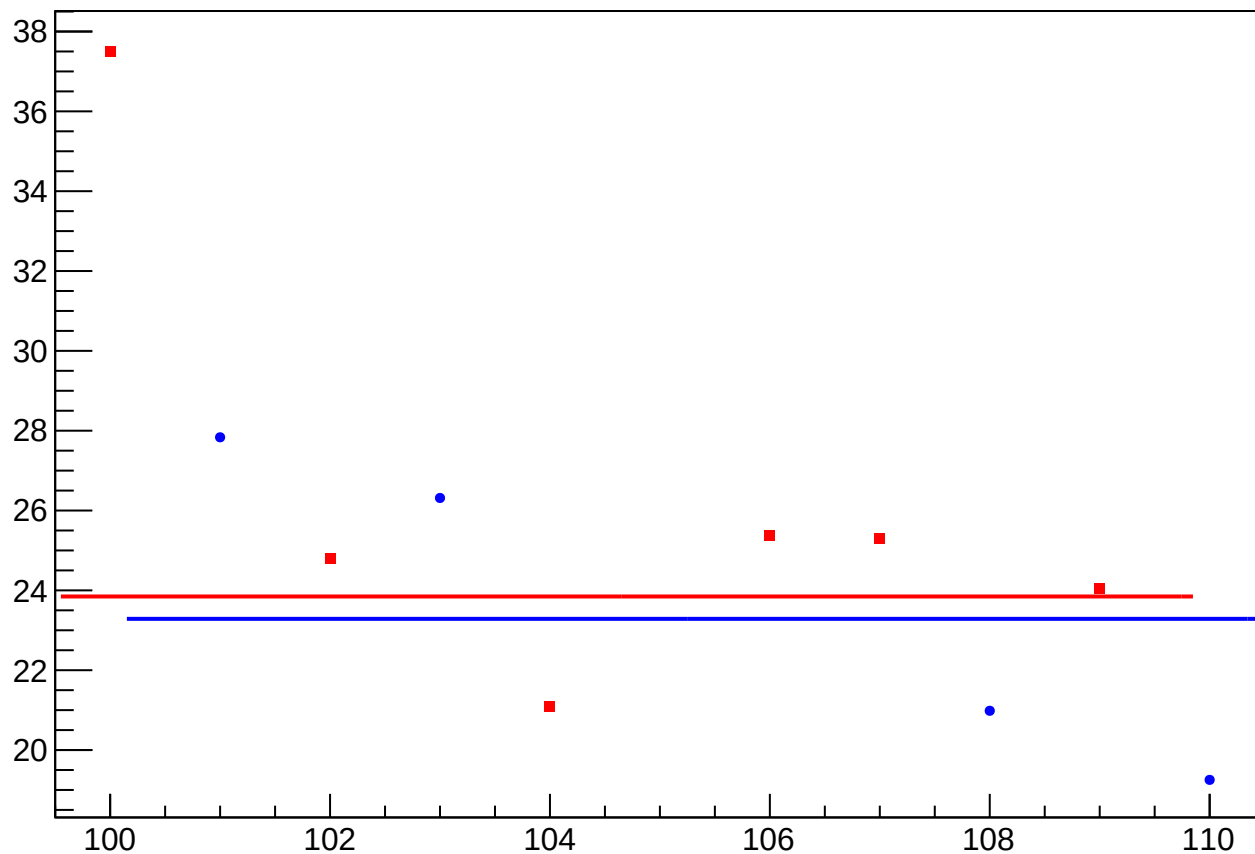
Right: 0.007 $\pm$ 0.012 χ^2 /NDF: 7.8/9

In: -0.001 $\pm$ 0.018 χ^2 /NDF:0.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.012 χ^2 /NDF: 7.8/9

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.287 $\pm$ 0.013 χ^2 /NDF: 81365.0/3

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

Right Out: 23.847 $\pm$ 0.012 χ^2 /NDF: 37238.4/5

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

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

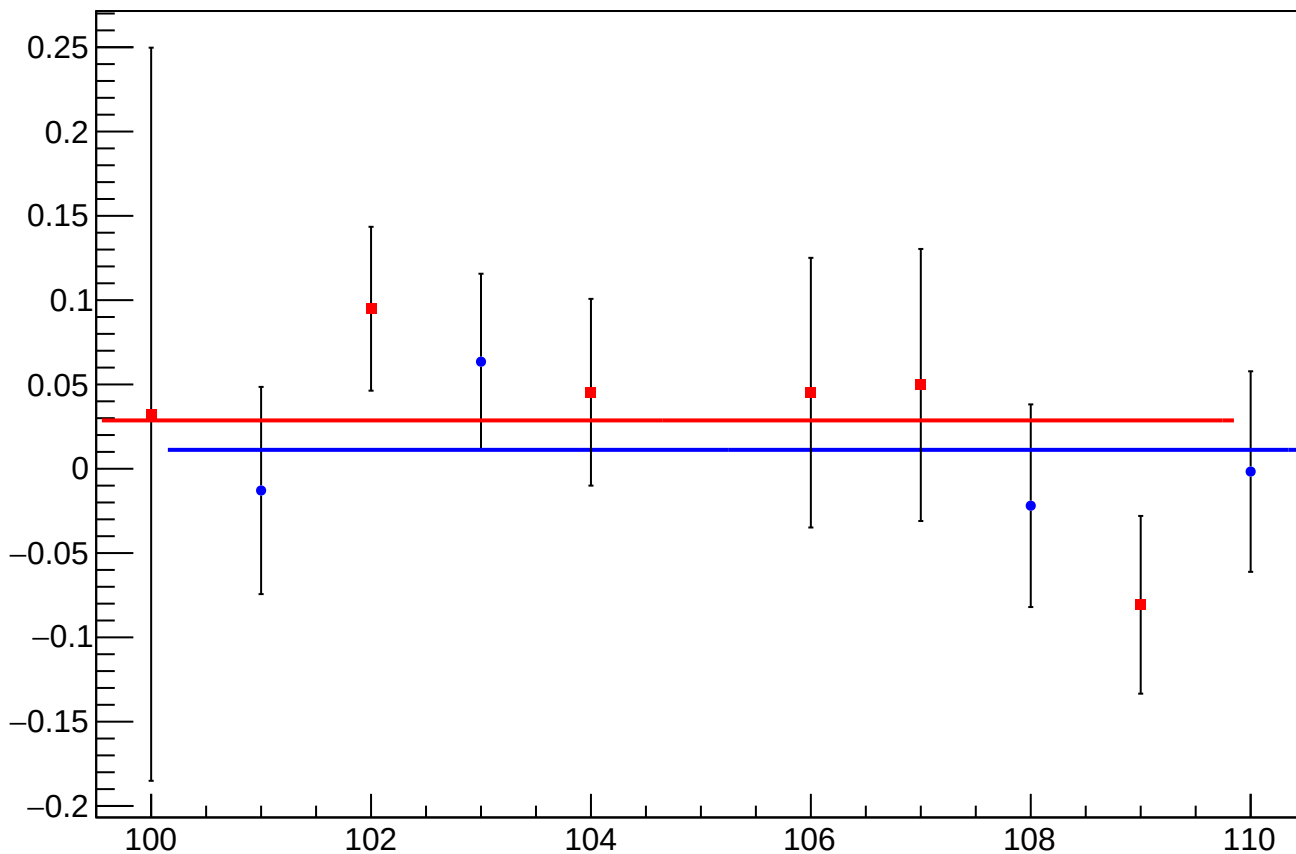
Right: 23.582 $\pm$ 0.009 χ^2 /NDF: 119662.2/9

In: 23.287 $\pm$ 0.013 χ^2 /NDF: 81365.0/3

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

All: 23.582 $\pm$ 0.009 χ^2 /NDF: 119662.2/9

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.029 χ^2/NDF : 1.5/3

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

Right Out: 0.029+/-0.026 χ^2/NDF : 6.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

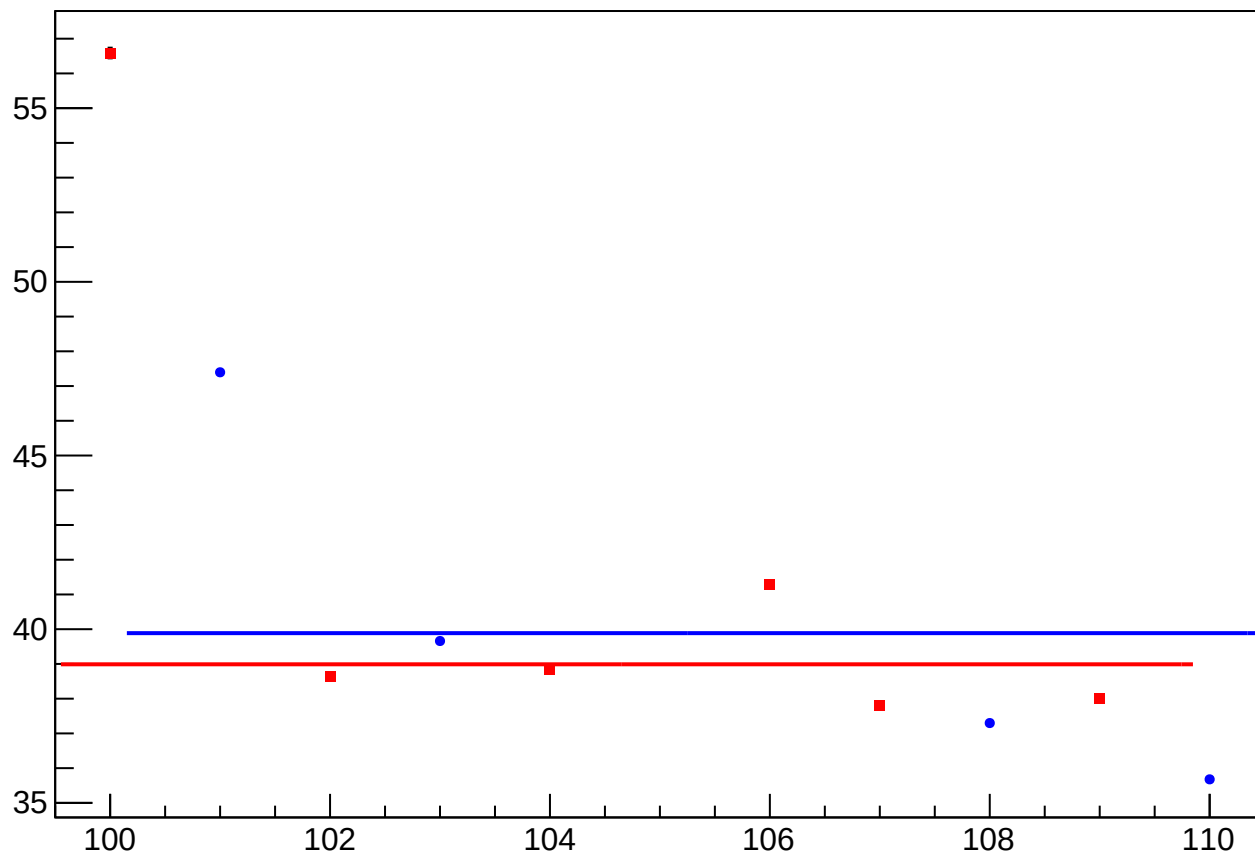
Right: 0.021+/-0.019 χ^2/NDF : 8.1/9

In: 0.011+/-0.029 χ^2/NDF : 1.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.019 χ^2/NDF : 8.1/9

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.886 $\pm$ 0.020 χ^2 /NDF: 43634.6/3

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

Right Out: 38.989 $\pm$ 0.019 χ^2 /NDF: 16014.4/5

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

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

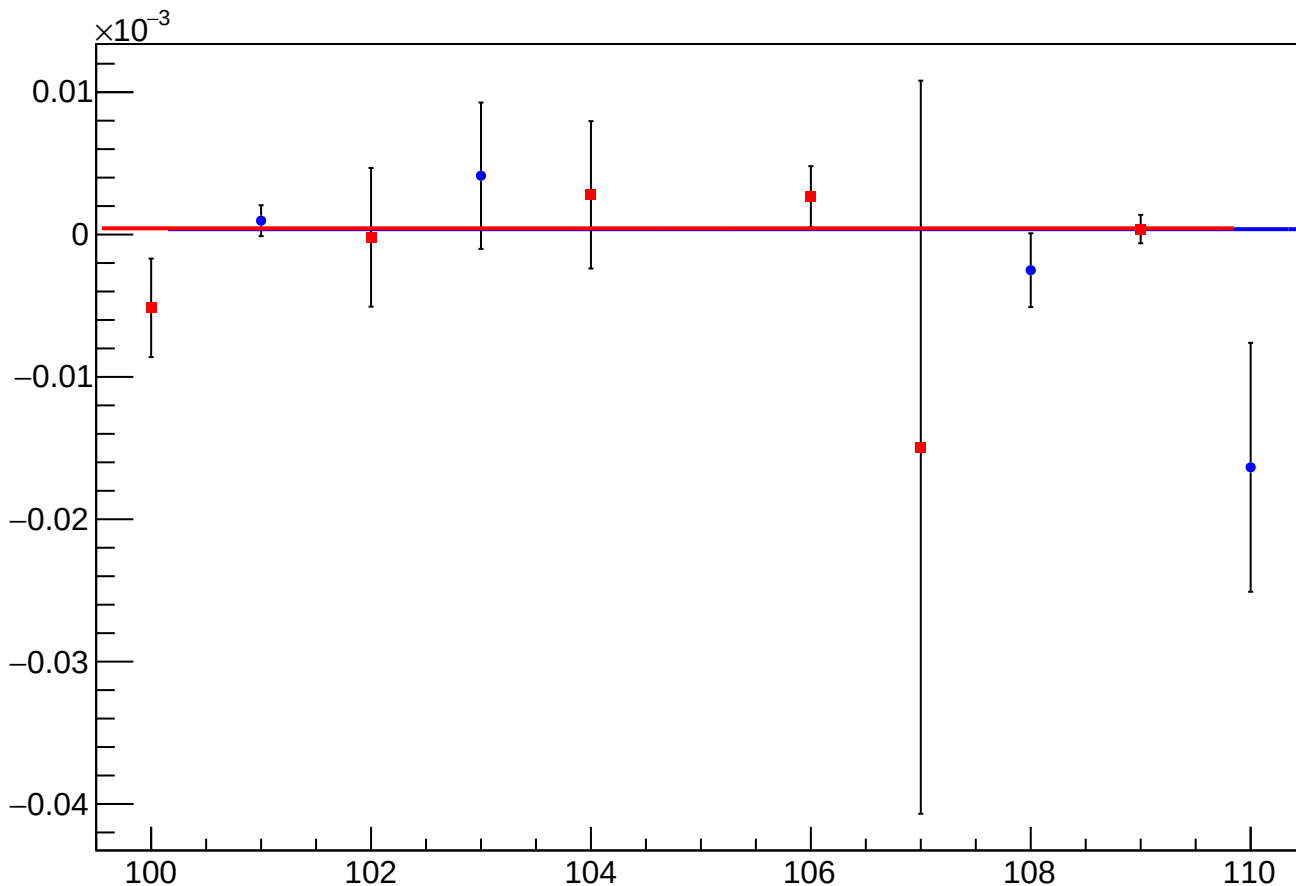
Right: 39.396 $\pm$ 0.014 χ^2 /NDF: 60698.5/9

In: 39.886 $\pm$ 0.020 χ^2 /NDF: 43634.6/3

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

All: 39.396 $\pm$ 0.014 χ^2 /NDF: 60698.5/9

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.7/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

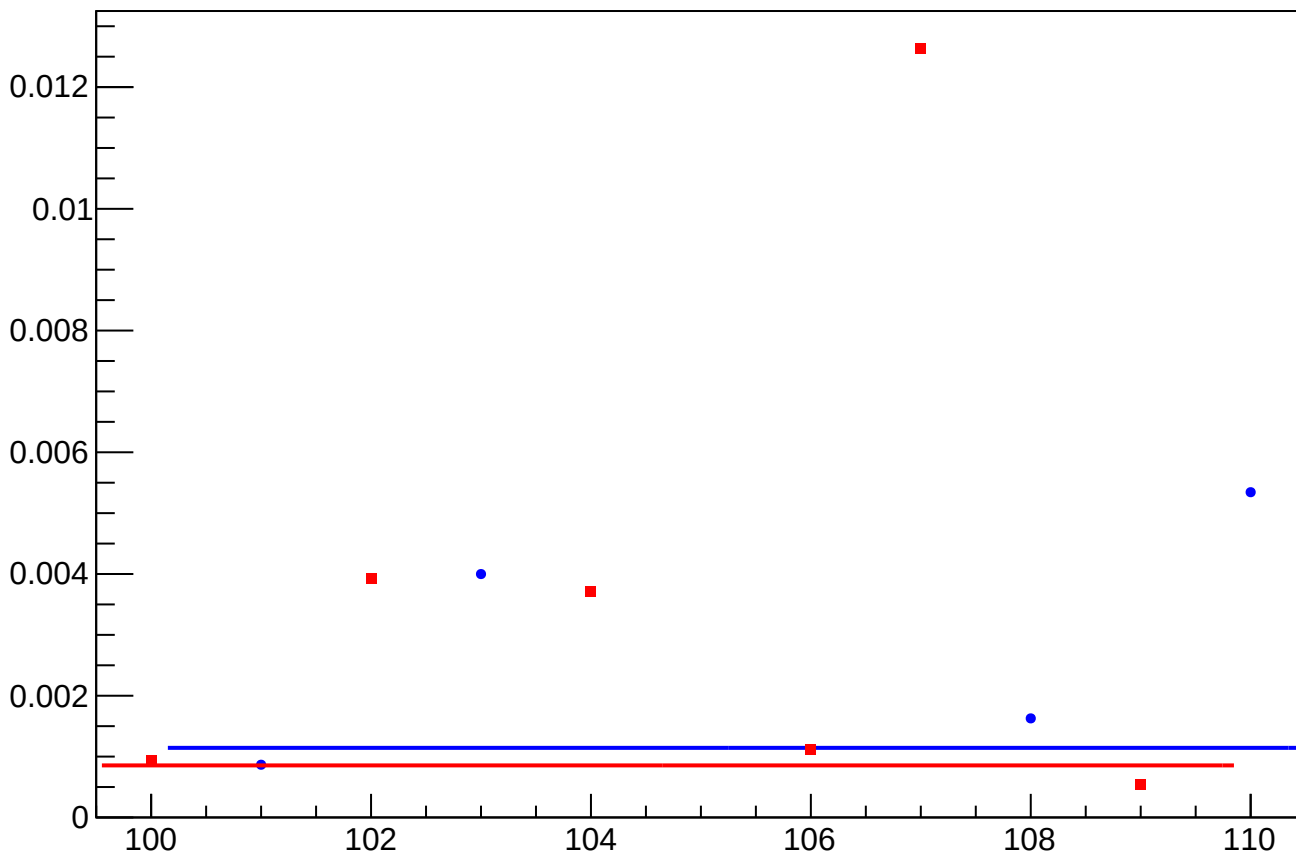
Right: 0.000+/-0.000 χ^2/NDF : 10.0/9

In: 0.000+/-0.000 χ^2/NDF : 5.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.0/9

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1278872.3/3

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2054080.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

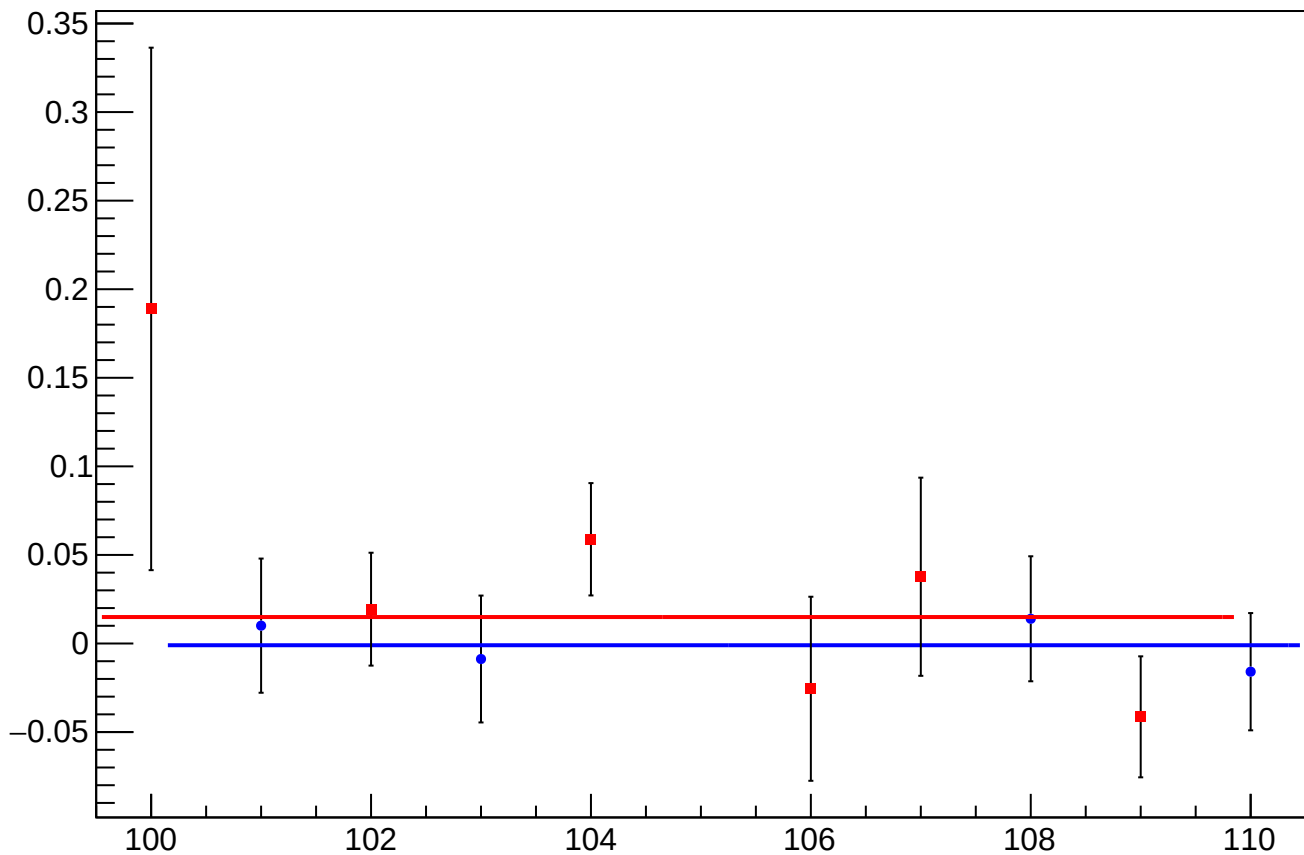
Right: 0.001+/-0.000 χ^2/NDF : 3432103.9/9

In: 0.001+/-0.000 χ^2/NDF : 1278872.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3432103.9/9

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.018 χ^2/NDF : 0.5/3

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

Right Out: 0.015 ± 0.017 χ^2/NDF : 6.8/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

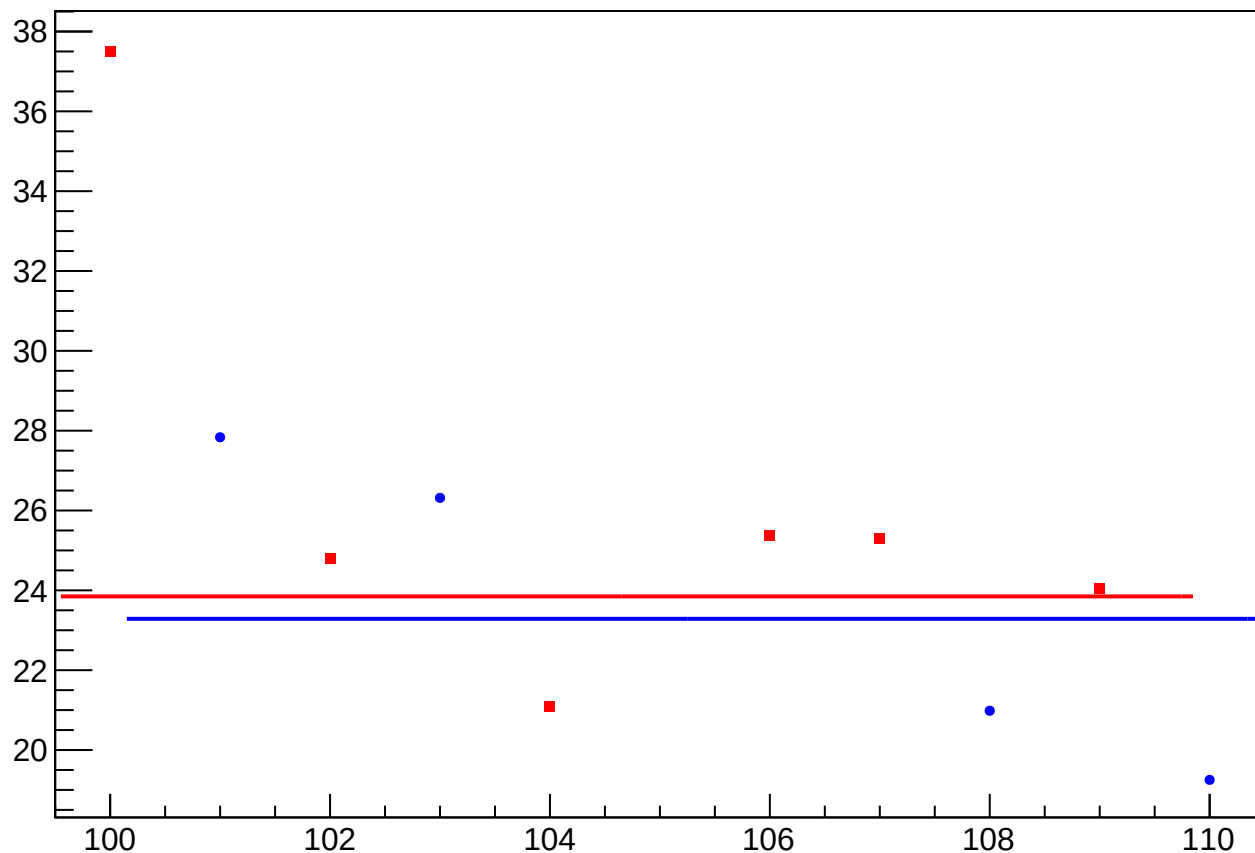
Right: 0.007 ± 0.012 χ^2/NDF : 7.8/9

In: -0.001 ± 0.018 χ^2/NDF : 0.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.012 χ^2/NDF : 7.8/9

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.287+/-0.013 χ^2/NDF : 81395.5/3

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

Right Out: 23.848+/-0.012 χ^2/NDF : 37231.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

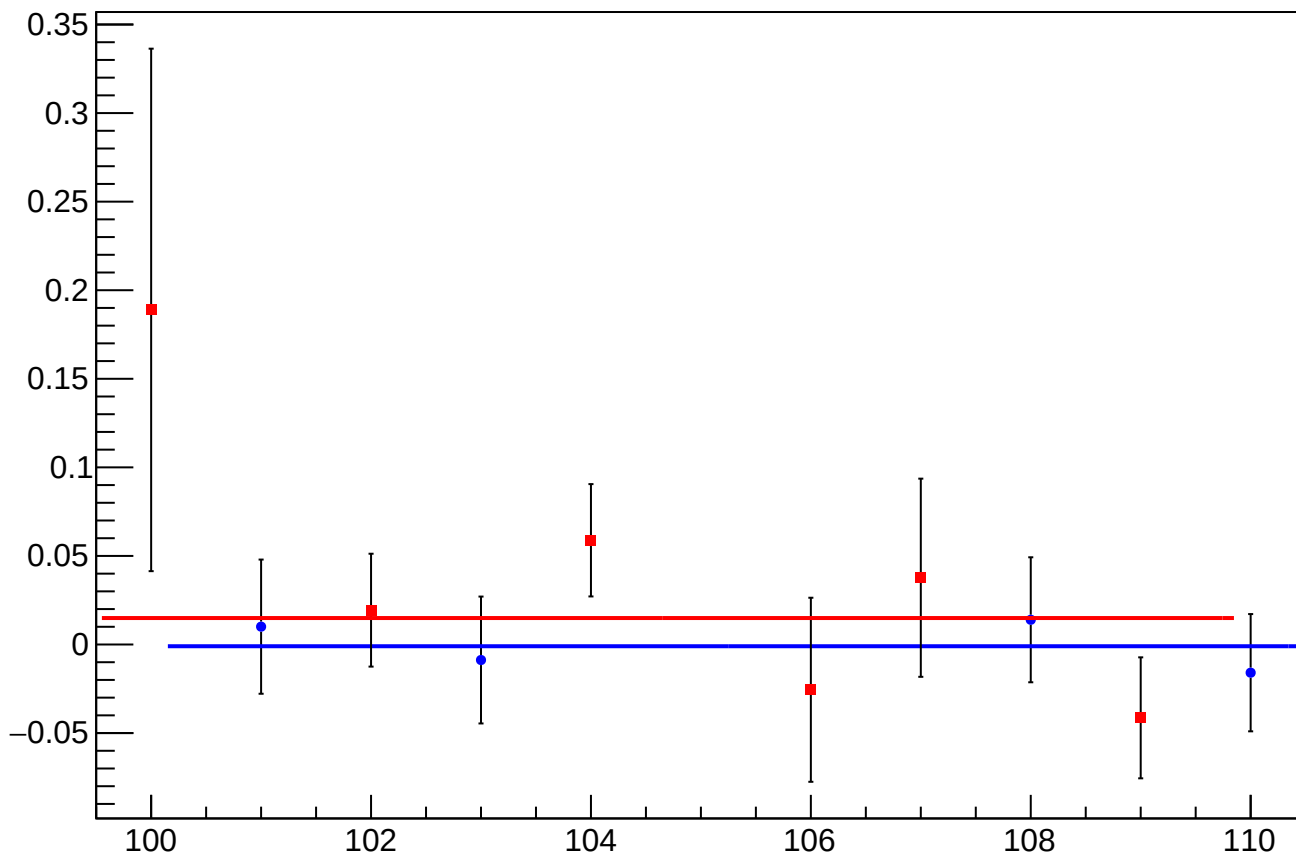
Right: 23.583+/-0.009 χ^2/NDF : 119689.6/9

In: 23.287+/-0.013 χ^2/NDF : 81395.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.583+/-0.009 χ^2/NDF : 119689.6/9

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.018 χ^2/NDF : 0.5/3

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

Right Out: 0.015 ± 0.017 χ^2/NDF : 6.8/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

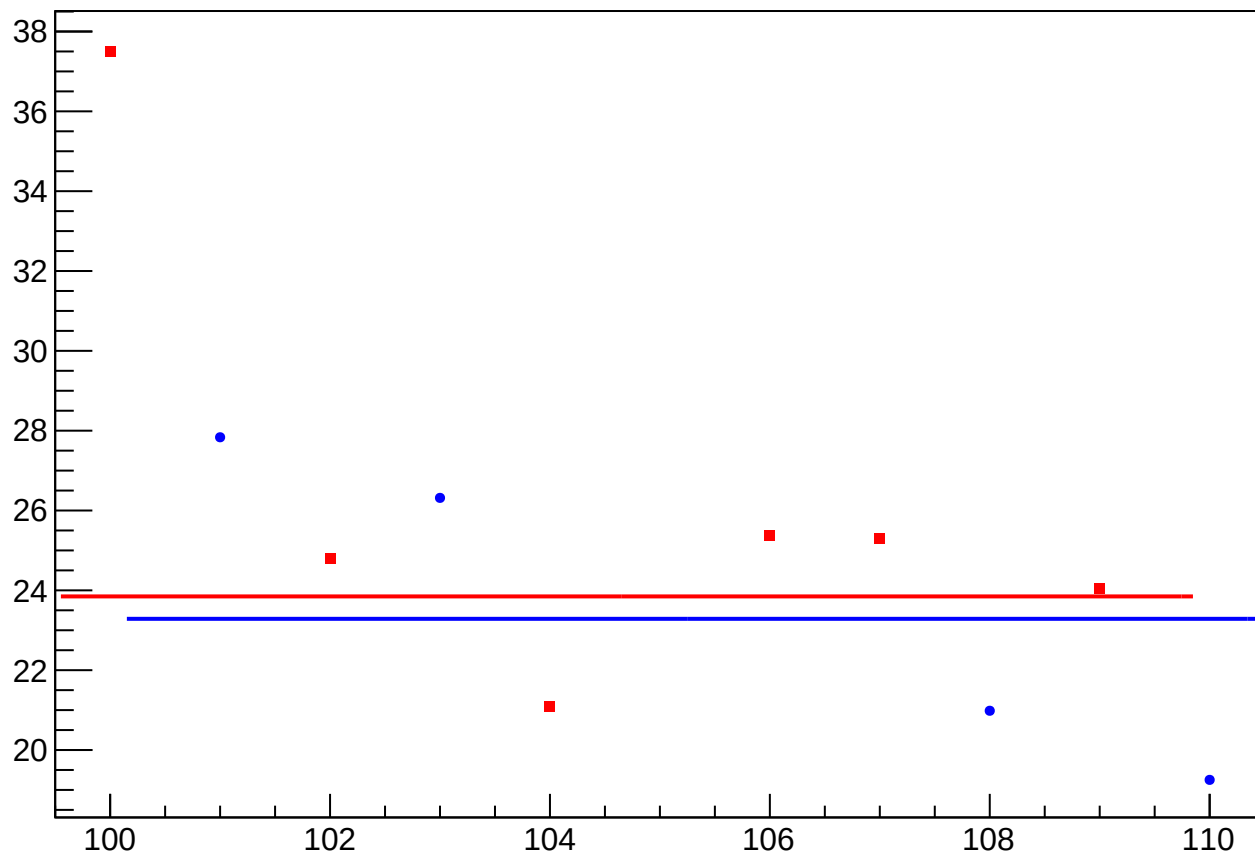
Right: 0.007 ± 0.012 χ^2/NDF : 7.8/9

In: -0.001 ± 0.018 χ^2/NDF : 0.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.012 χ^2/NDF : 7.8/9

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.287 $\pm$ 0.013 χ^2 /NDF: 81395.5/3

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

Right Out: 23.848 $\pm$ 0.012 χ^2 /NDF: 37231.3/5

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

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

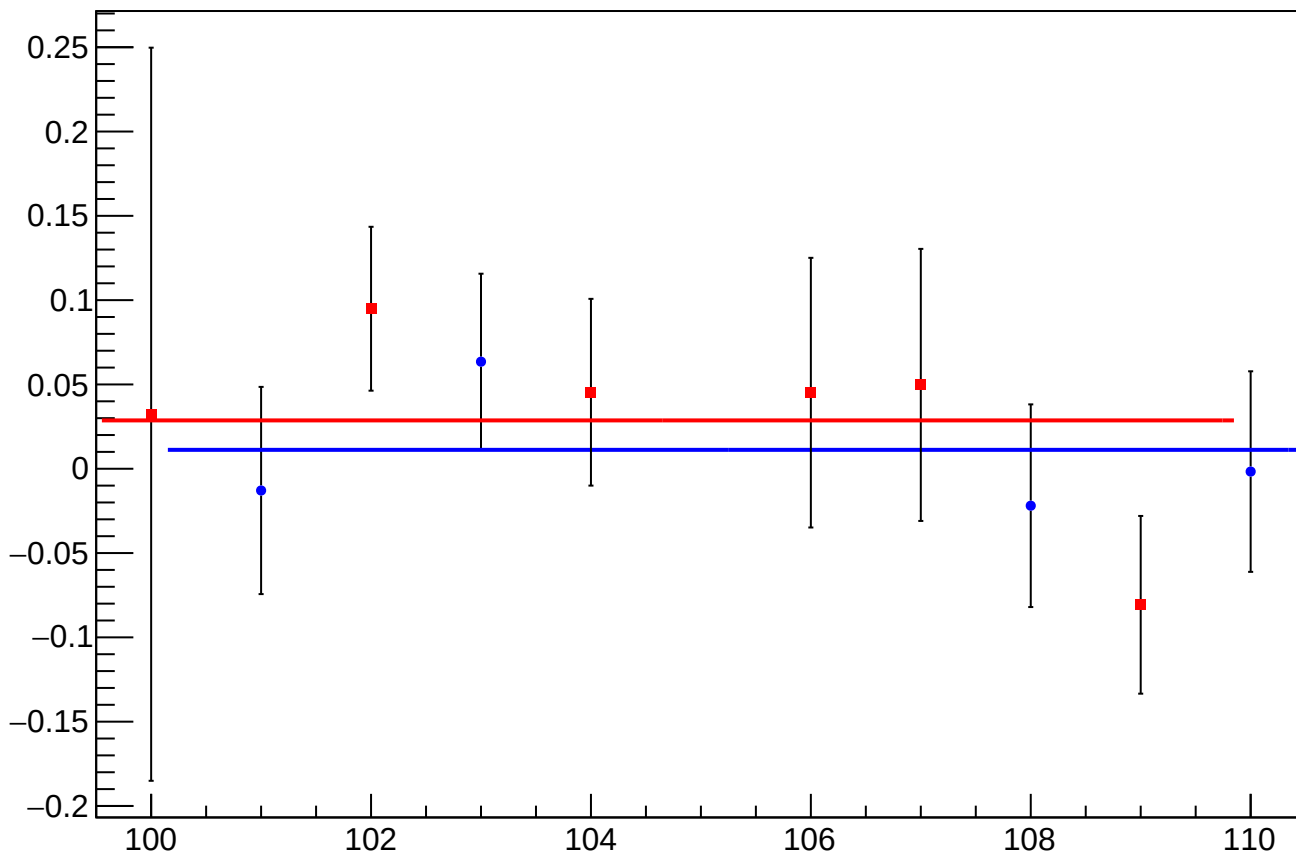
Right: 23.583 $\pm$ 0.009 χ^2 /NDF: 119689.6/9

In: 23.287 $\pm$ 0.013 χ^2 /NDF:81395.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.583 $\pm$ 0.009 χ^2 /NDF: 119689.6/9

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.029 χ^2 /NDF: 1.5/3

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

Right Out: 0.029 $\pm$ 0.026 χ^2 /NDF: 6.4/5

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

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

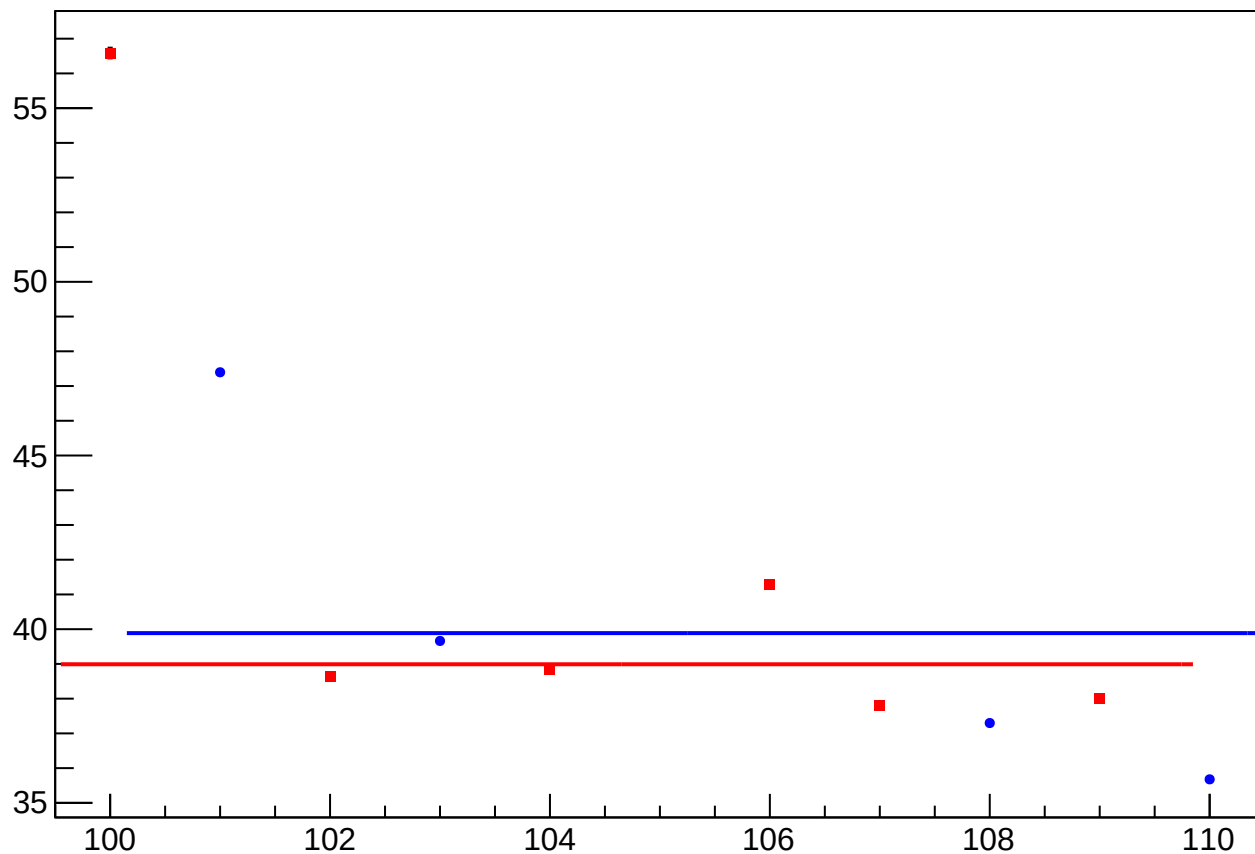
Right: 0.021 $\pm$ 0.019 χ^2 /NDF: 8.1/9

In: 0.011 $\pm$ 0.029 χ^2 /NDF: 1.5/3

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

All: 0.021 $\pm$ 0.019 χ^2 /NDF: 8.1/9

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.887 $\pm$ 0.020 χ^2 /NDF: 43638.0/3

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

Right Out: 38.990 $\pm$ 0.019 χ^2 /NDF: 16014.3/5

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

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

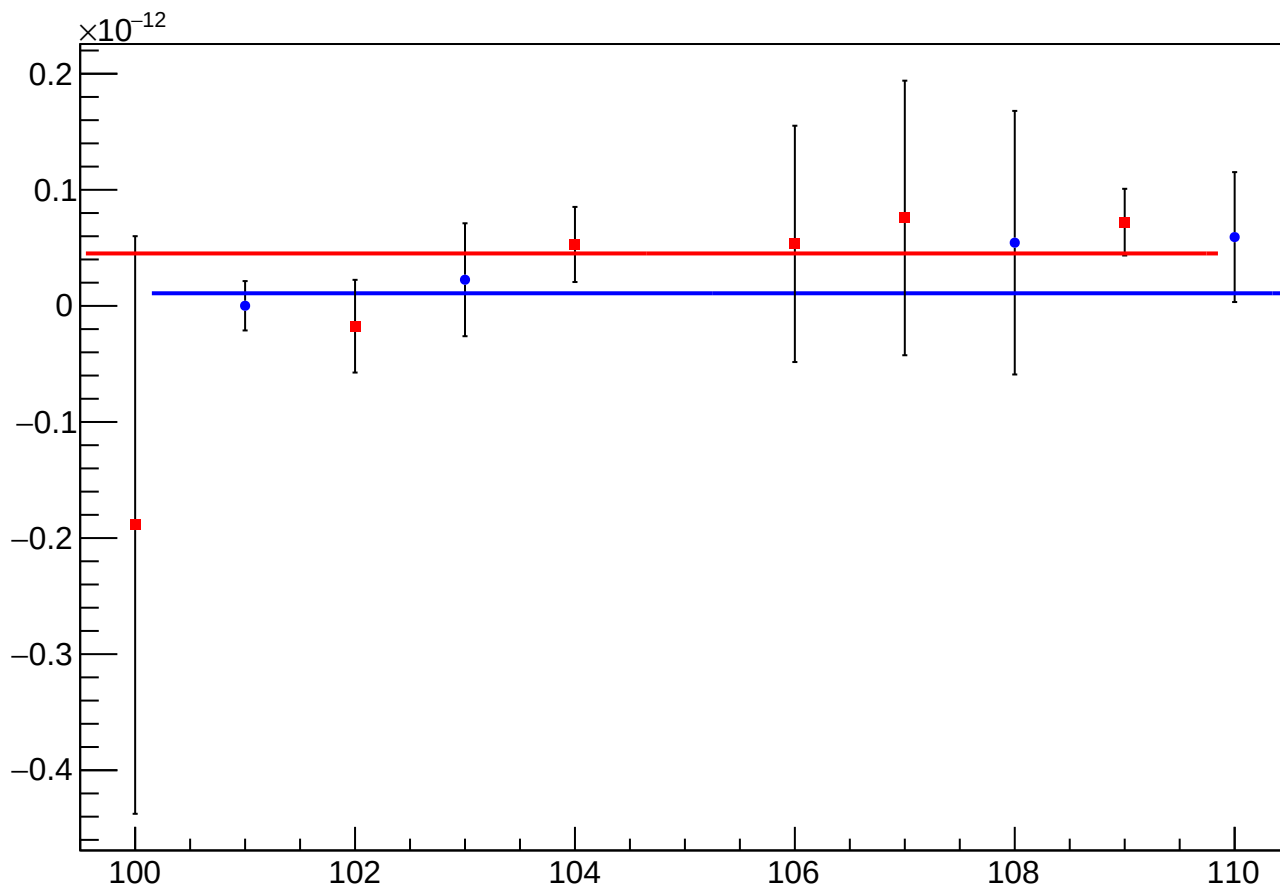
Right: 39.396 $\pm$ 0.014 χ^2 /NDF: 60701.2/9

In: 39.887 $\pm$ 0.020 χ^2 /NDF: 43638.0/3

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

All: 39.396 $\pm$ 0.014 χ^2 /NDF: 60701.2/9

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.2/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

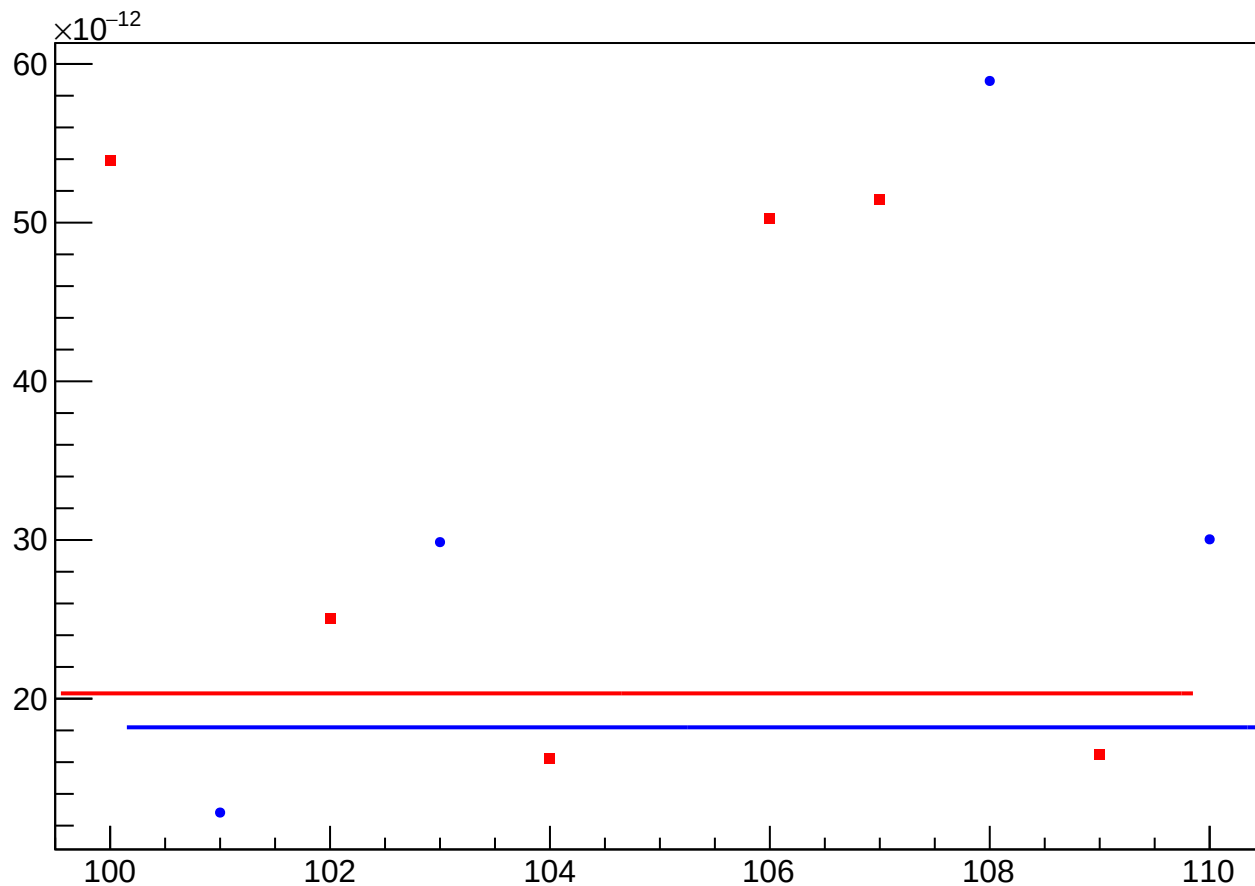
Right: 0.000+/-0.000 χ^2/NDF : 7.3/9

In: 0.000+/-0.000 χ^2/NDF : 1.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.3/9

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 589874.1/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 444121.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

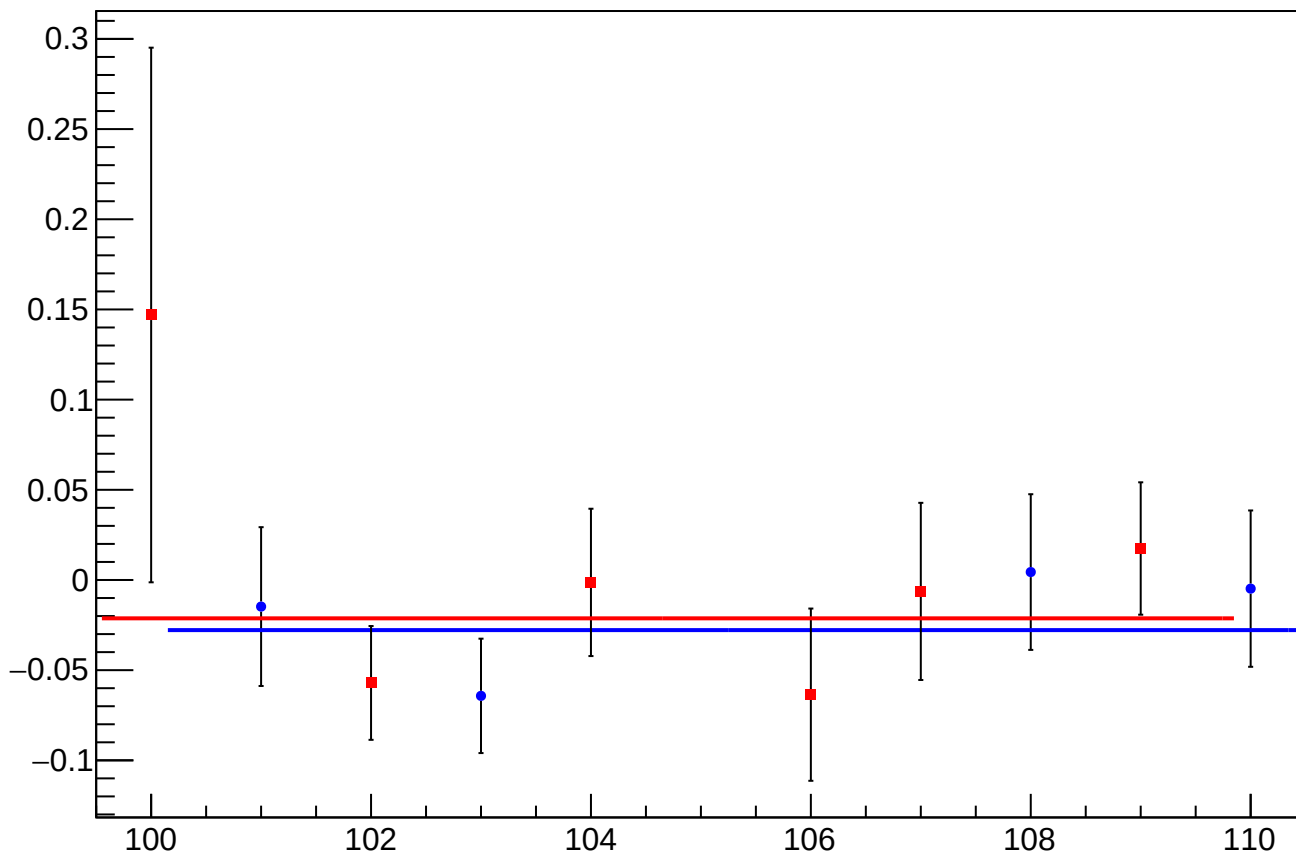
Right: 0.000+/-0.000 χ^2/NDF : 1047741.2/9

In: 0.000+/-0.000 χ^2/NDF : 589874.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1047741.2/9

asym_us_dd_overload_cor_vs_slug_sign_corrected



Right In: -0.028 $\pm$ 0.020 χ^2 /NDF: 2.2/3

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

Right Out: -0.021 $\pm$ 0.018 χ^2 /NDF: 4.8/5

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

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

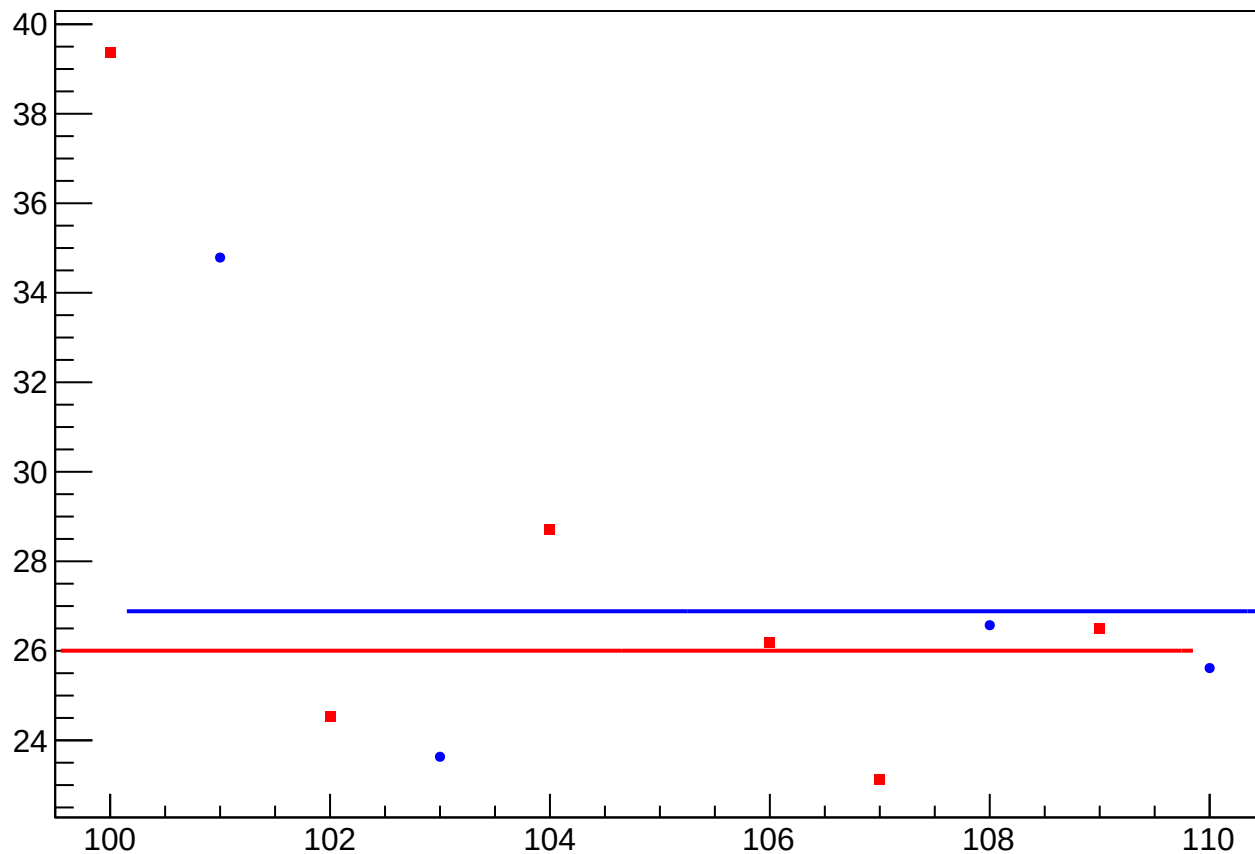
Right: -0.024 $\pm$ 0.013 χ^2 /NDF: 7.1/9

In: -0.028 $\pm$ 0.020 χ^2 /NDF:2.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.013 χ^2 /NDF: 7.1/9

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.884+/-0.014 χ^2/NDF : 87294.1/3

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

Right Out: 26.003+/-0.012 χ^2/NDF : 36589.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

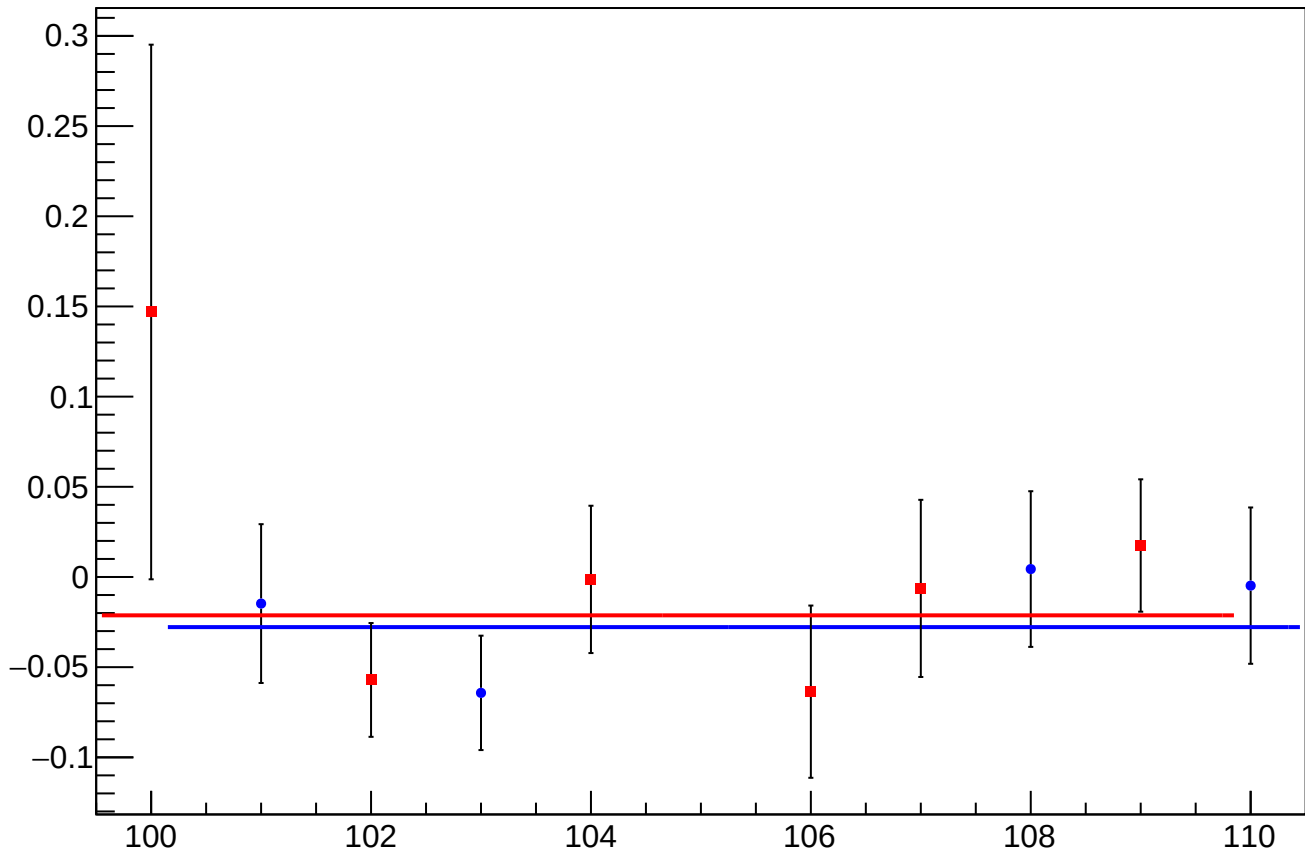
Right: 26.393+/-0.009 χ^2/NDF : 126116.9/9

In: 26.884+/-0.014 χ^2/NDF : 87294.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.393+/-0.009 χ^2/NDF : 126116.9/9

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.020 χ^2 /NDF: 2.2/3

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

Right Out: -0.021 $\pm$ 0.018 χ^2 /NDF: 4.8/5

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

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

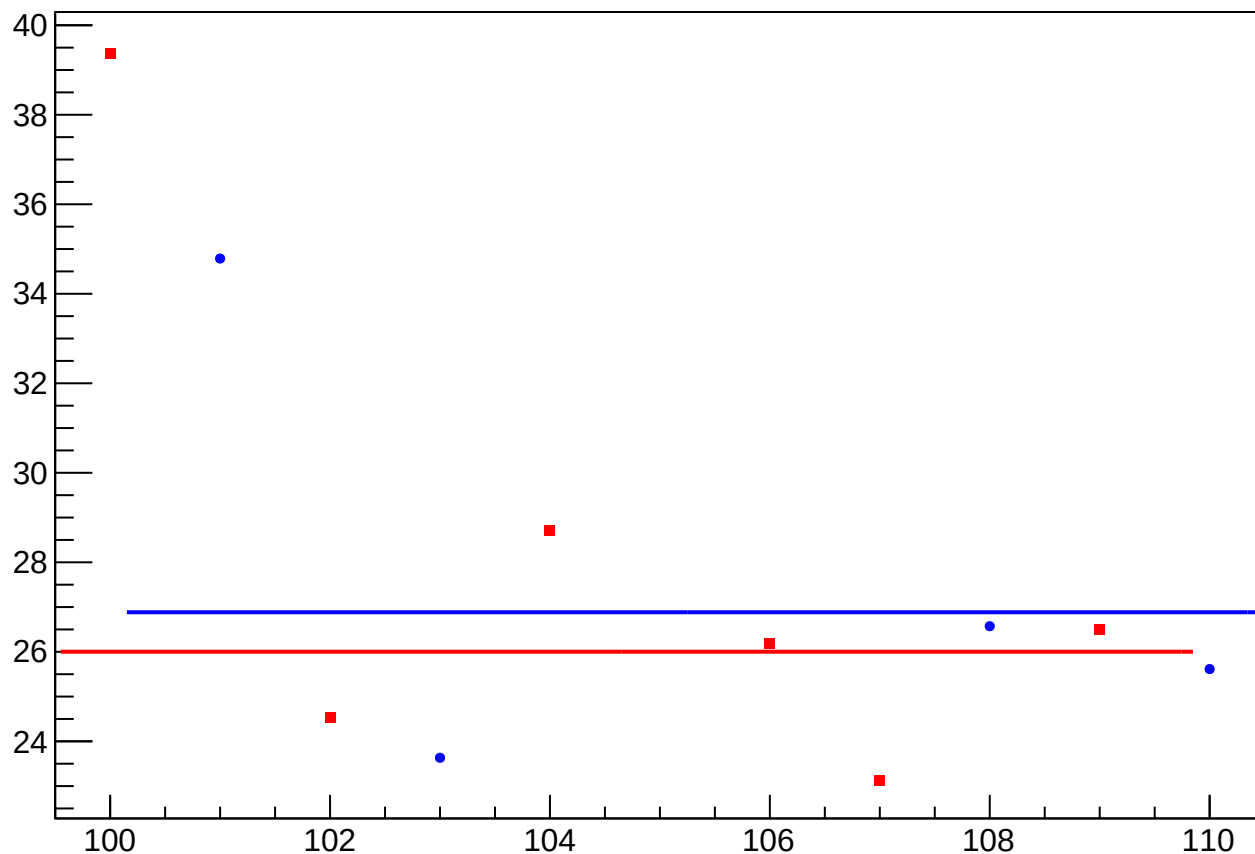
Right: -0.024 $\pm$ 0.013 χ^2 /NDF: 7.1/9

In: -0.028 $\pm$ 0.020 χ^2 /NDF:2.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.013 χ^2 /NDF: 7.1/9

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.884+/-0.014 χ^2/NDF : 87294.1/3

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

Right Out: 26.003+/-0.012 χ^2/NDF : 36589.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

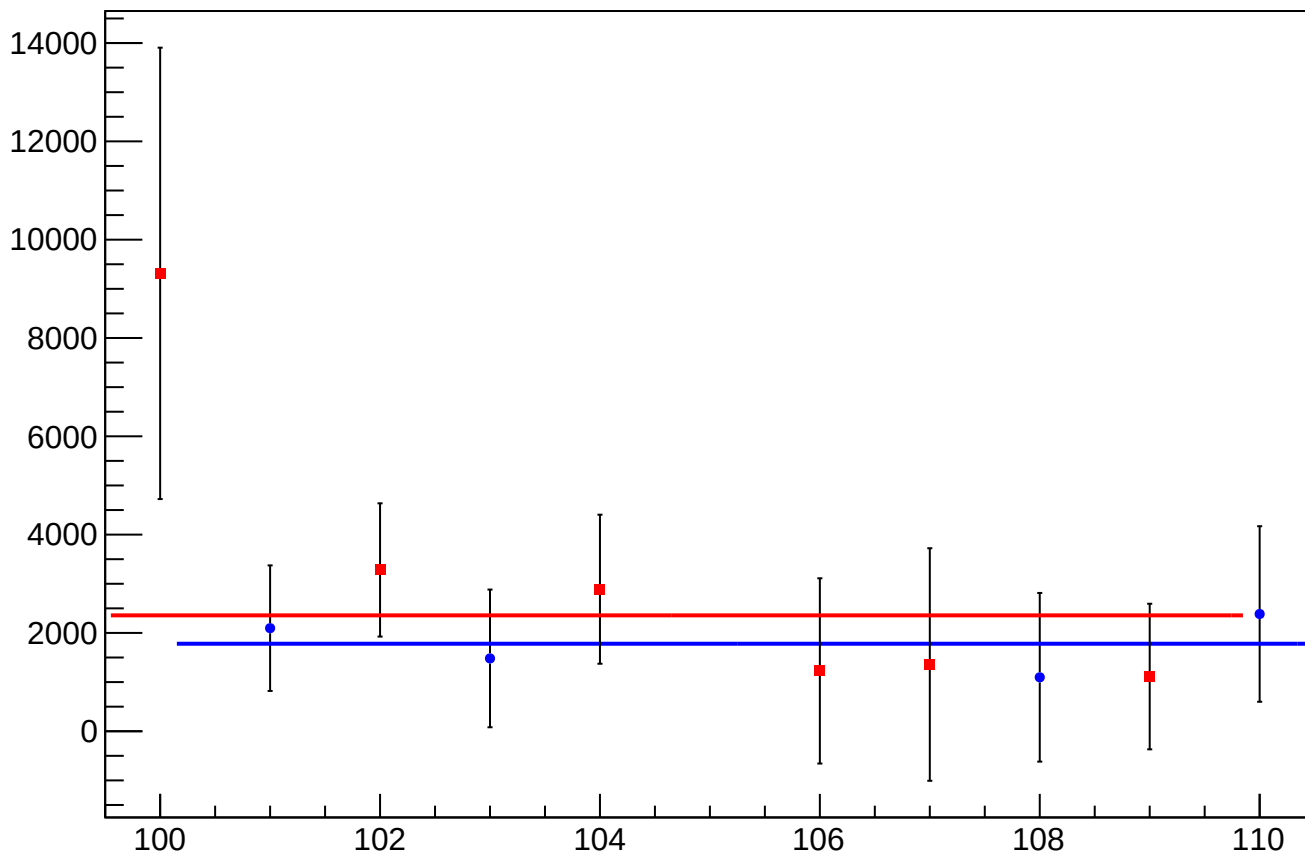
Right: 26.393+/-0.009 χ^2/NDF : 126116.9/9

In: 26.884+/-0.014 χ^2/NDF : 87294.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.393+/-0.009 χ^2/NDF : 126116.9/9

reg_asym_usl_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2081.716+/-518.535 χ^2/NDF : 4.8/9

In: 1780.131+/-750.346 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2081.716+/-518.535 χ^2/NDF : 4.8/9

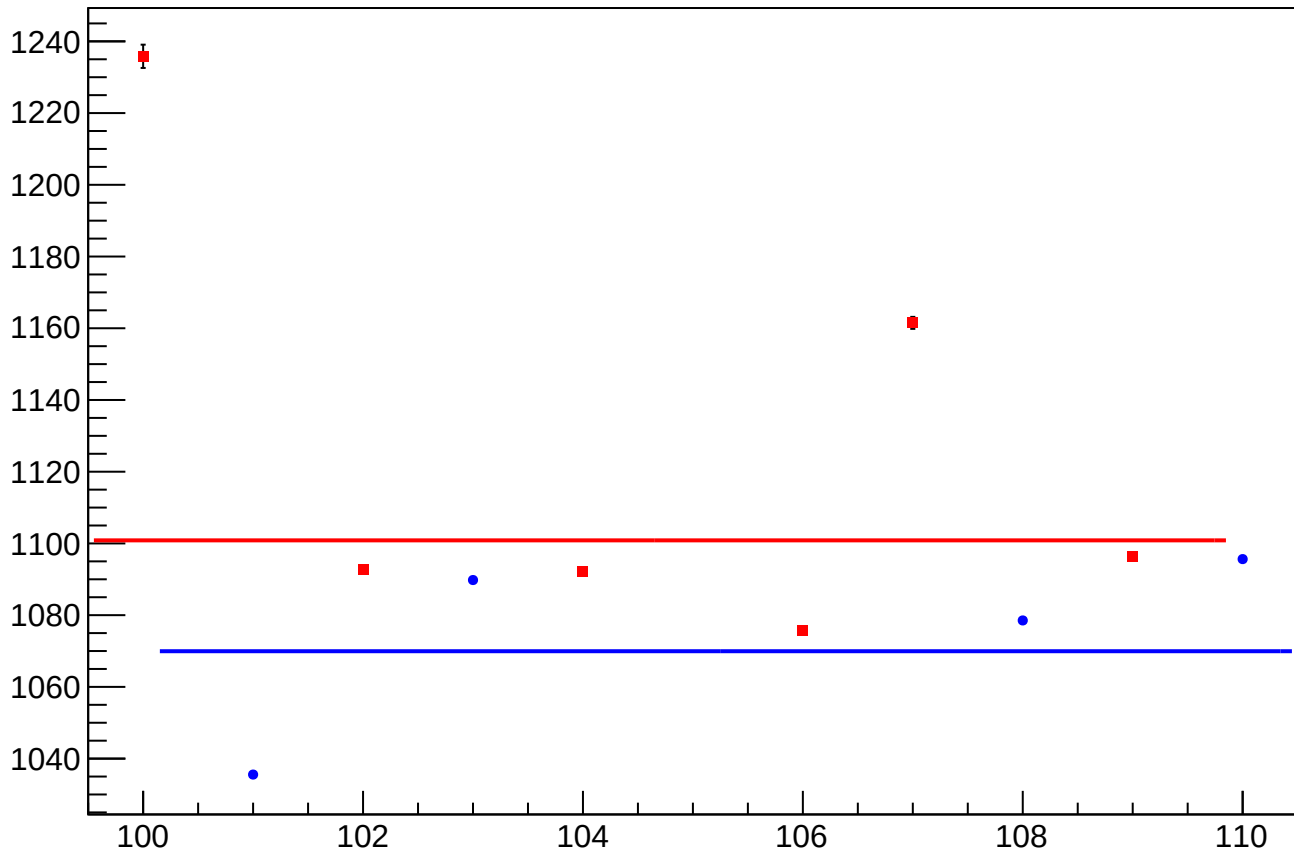
Right In: 1780.131+/-750.346 χ^2/NDF : 0.4/3

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

Right Out: 2357.399+/-717.400 χ^2/NDF : 4.1/5

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

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1069.946 $\pm$ 0.531 χ^2 /NDF: 2316.0/3

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

Right Out: 1100.857 $\pm$ 0.507 χ^2 /NDF: 3551.8/5

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

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

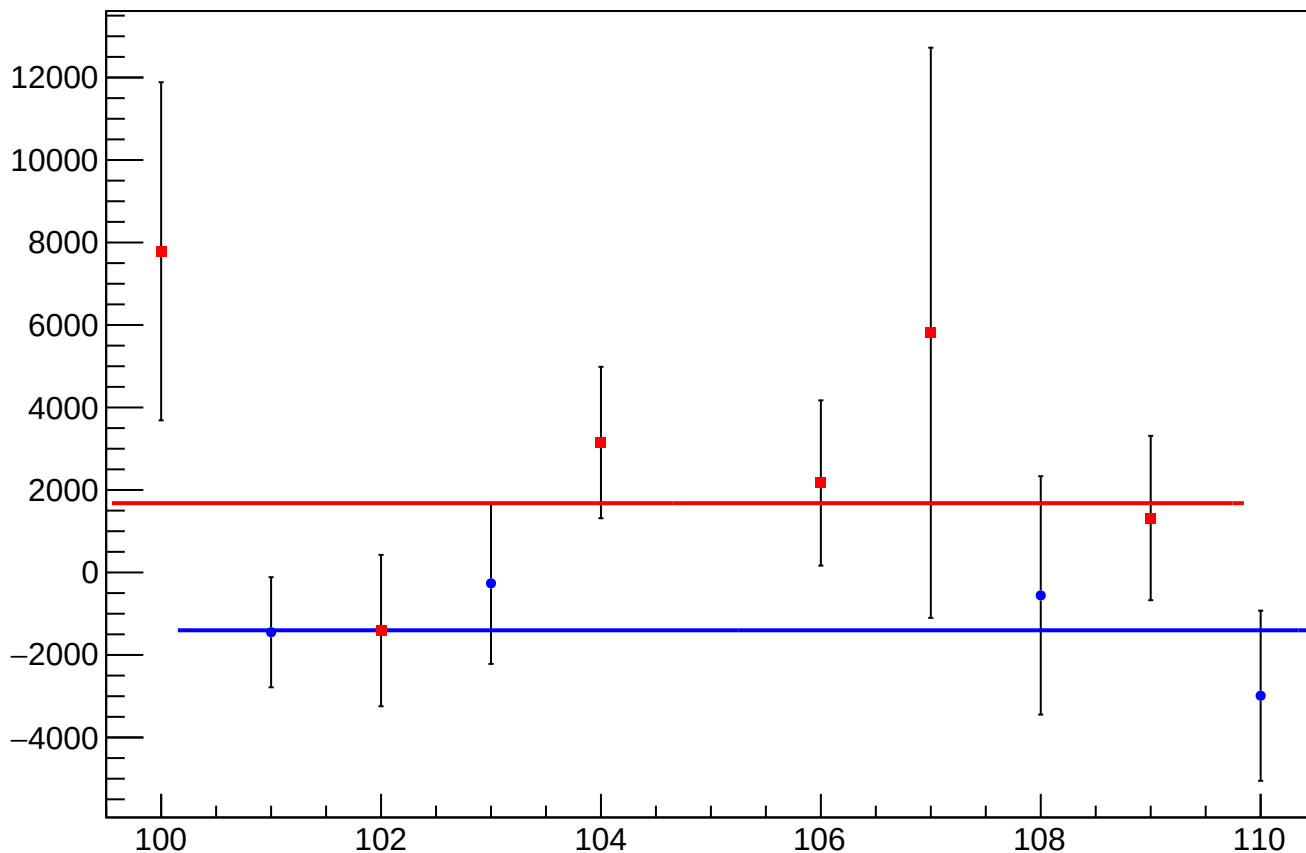
Right: 1086.095 $\pm$ 0.367 χ^2 /NDF: 7641.0/9

In: 1069.946 $\pm$ 0.531 χ^2 /NDF:2316.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1086.095 $\pm$ 0.367 χ^2 /NDF: 7641.0/9

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: -1401.709+/-921.349 χ^2/NDF : 1.0/3

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

Right Out: 1680.220+/-922.347 χ^2/NDF : 6.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

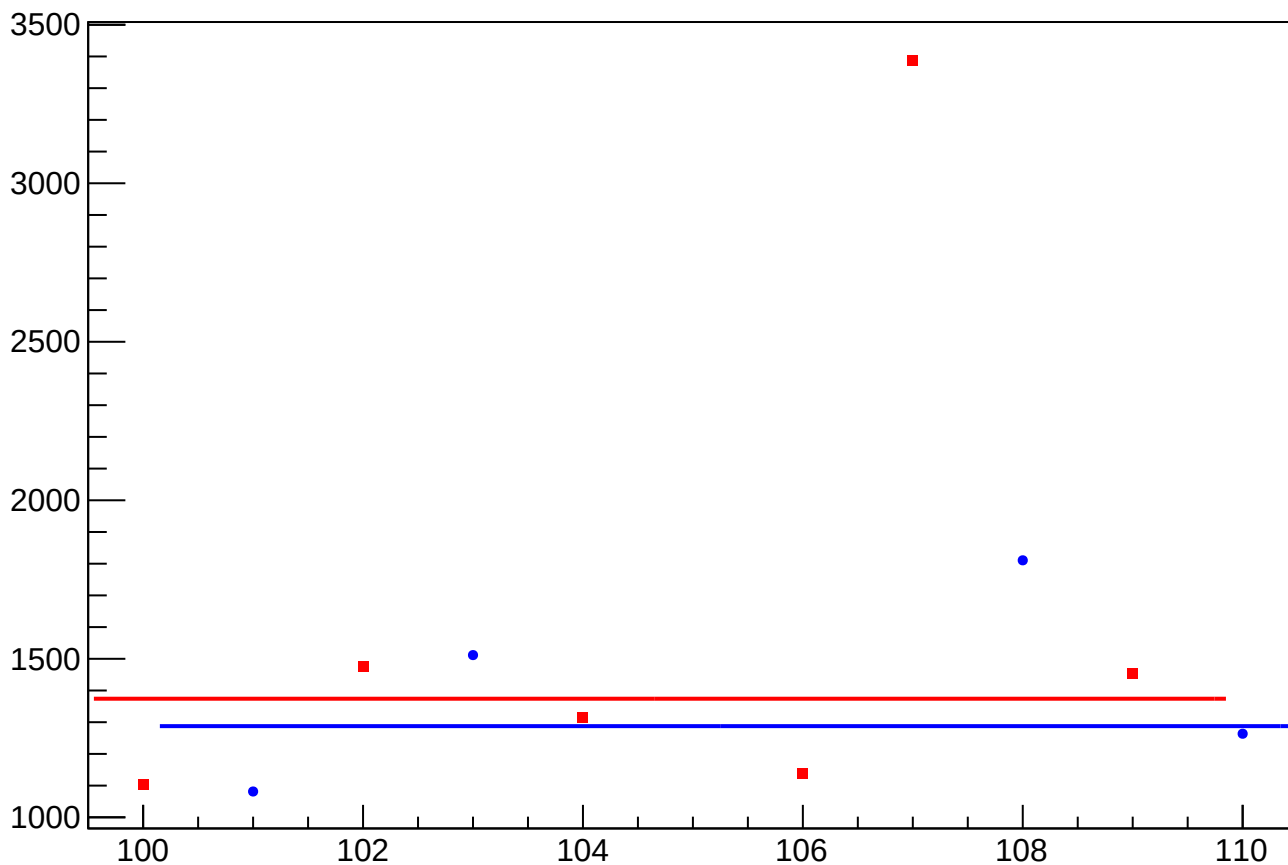
Right: 137.586+/-651.845 χ^2/NDF : 12.8/9

In: -1401.709+/-921.349 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.586+/-651.845 χ^2/NDF : 12.8/9

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 1287.598+/-0.651 χ^2/NDF : 139844.0/3

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

Right Out: 1374.079+/-0.652 χ^2/NDF : 217670.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

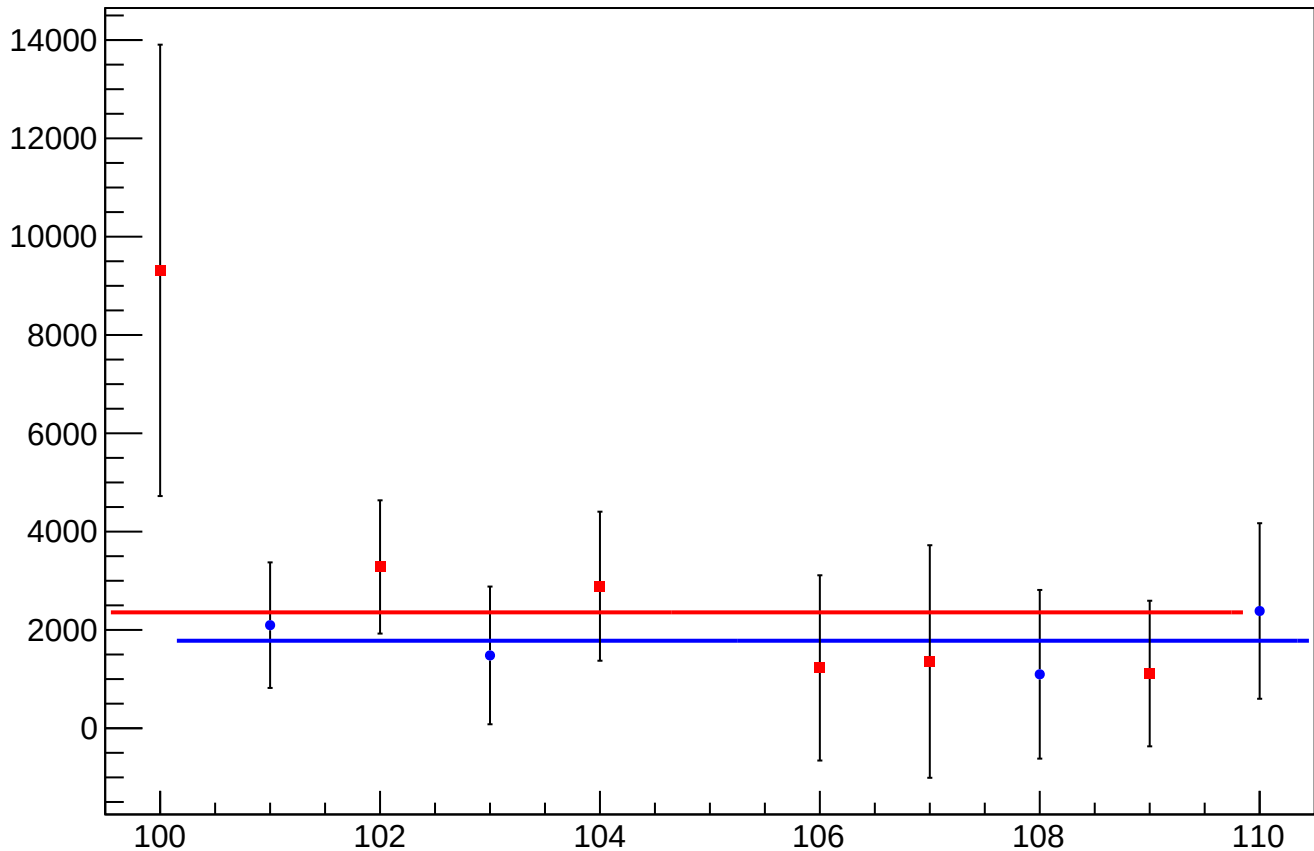
Right: 1330.792+/-0.461 χ^2/NDF : 366315.1/9

In: 1287.598+/-0.651 χ^2/NDF : 139844.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1330.792+/-0.461 χ^2/NDF : 366315.1/9

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1780.131+/-750.346 χ^2/NDF : 0.4/3

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

Right Out: 2357.399+/-717.400 χ^2/NDF : 4.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

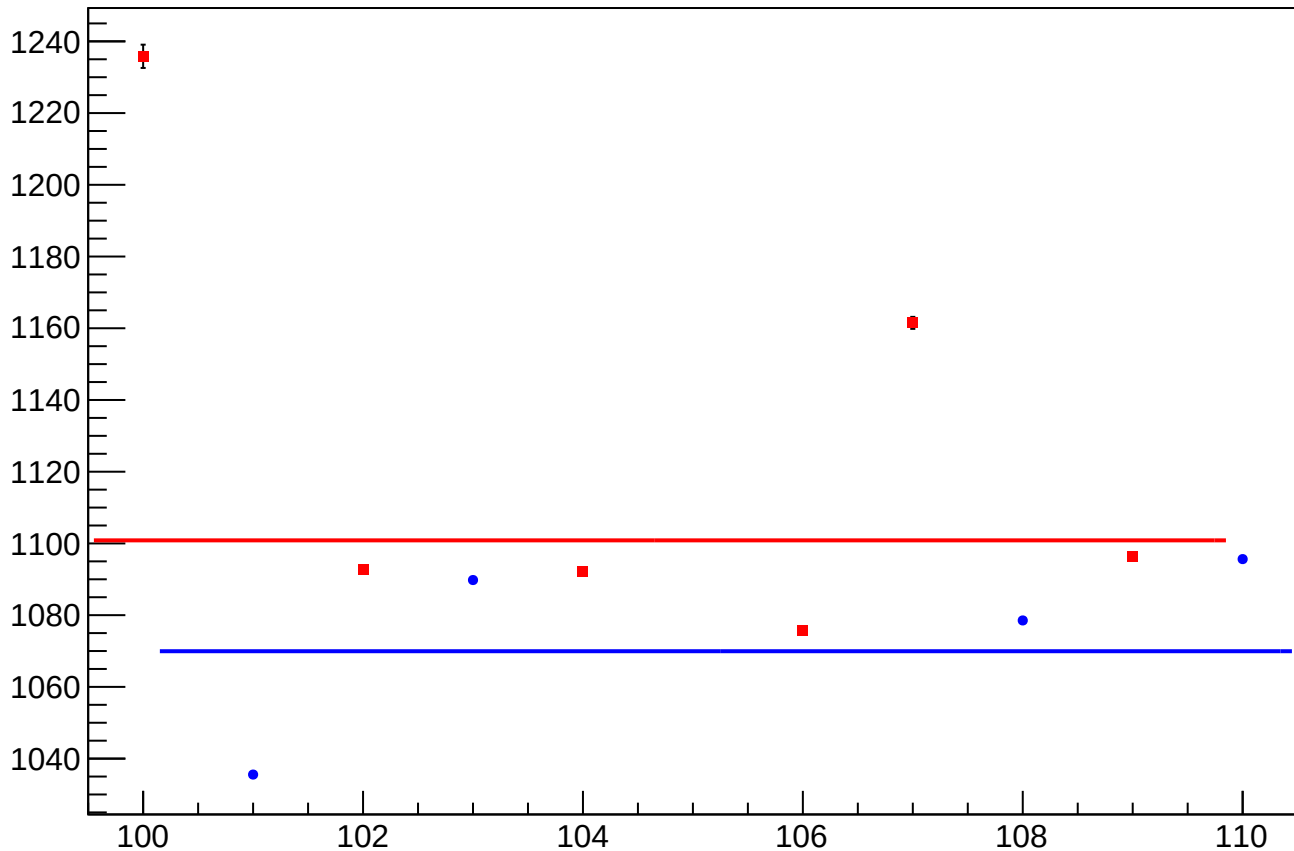
Right: 2081.716+/-518.535 χ^2/NDF : 4.8/9

In: 1780.131+/-750.346 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2081.716+/-518.535 χ^2/NDF : 4.8/9

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1069.946 $\pm$ 0.531 χ^2 /NDF: 2316.0/3

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

Right Out: 1100.857 $\pm$ 0.507 χ^2 /NDF: 3551.8/5

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

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

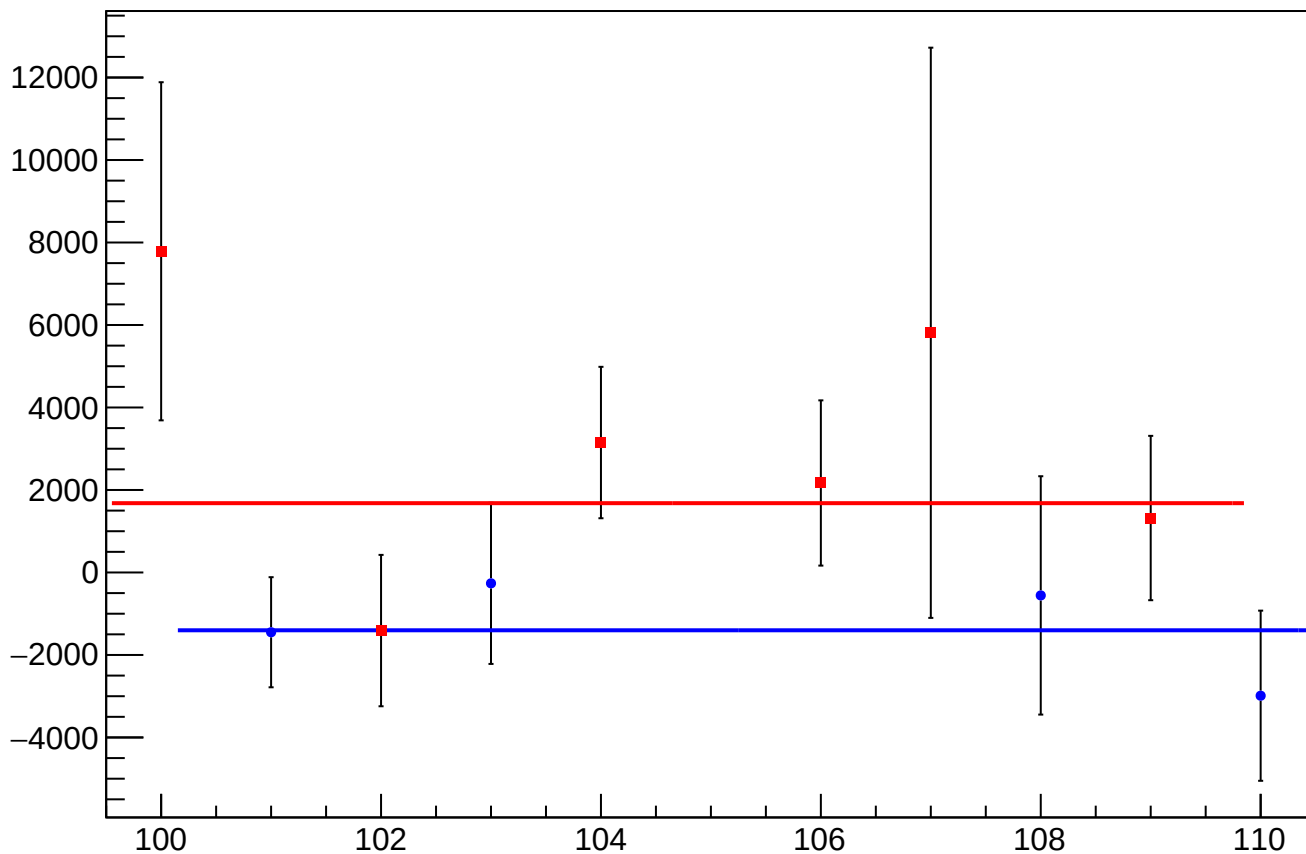
Right: 1086.095 $\pm$ 0.367 χ^2 /NDF: 7641.0/9

In: 1069.946 $\pm$ 0.531 χ^2 /NDF:2316.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1086.095 $\pm$ 0.367 χ^2 /NDF: 7641.0/9

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: -1401.709 $\pm$ 921.349 χ^2 /NDF: 1.0/3

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

Right Out: 1680.220 $\pm$ 922.347 χ^2 /NDF: 6.1/5

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

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

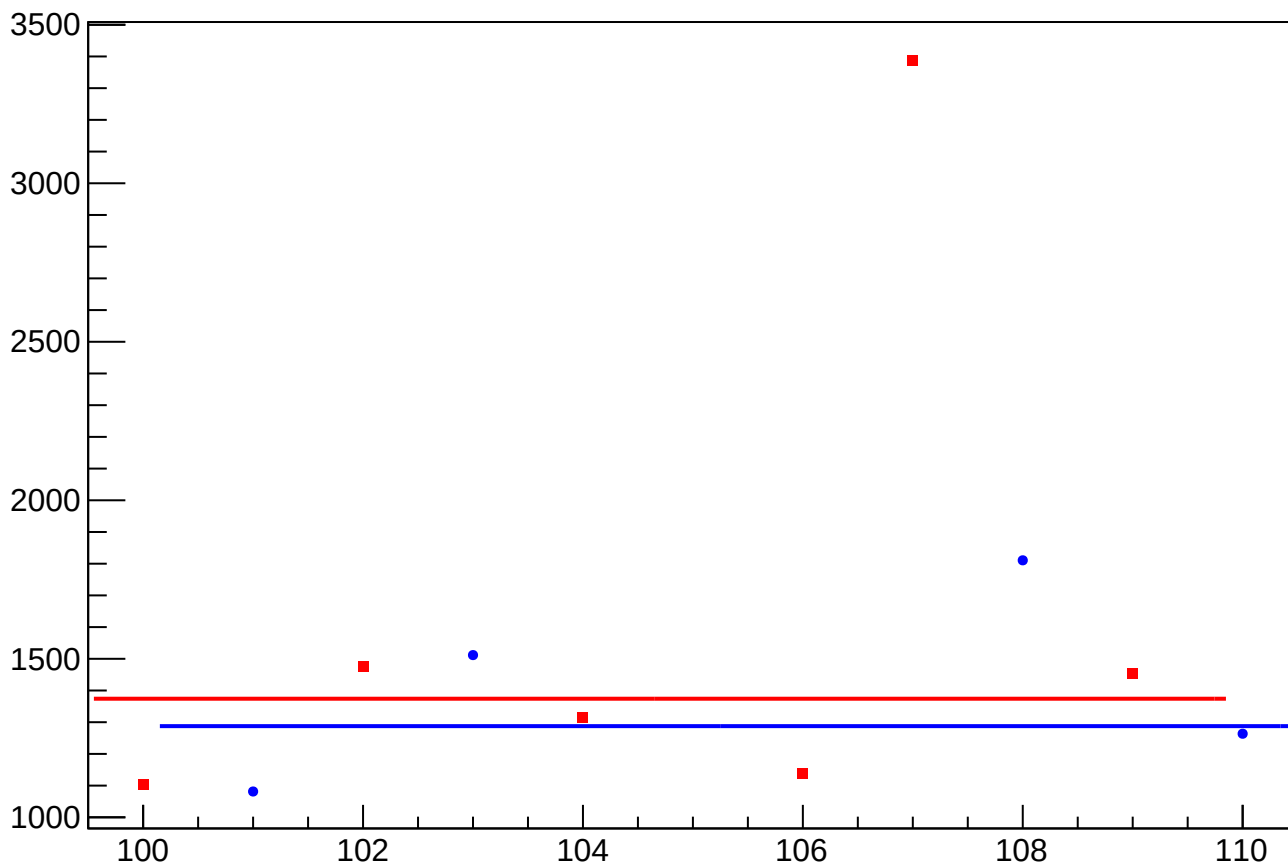
Right: 137.586 $\pm$ 651.845 χ^2 /NDF: 12.8/9

In: -1401.709 $\pm$ 921.349 χ^2 /NDF:1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137.586 $\pm$ 651.845 χ^2 /NDF: 12.8/9

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 1287.598+/-0.651 χ^2/NDF : 139844.0/3

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

Right Out: 1374.079+/-0.652 χ^2/NDF : 217670.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

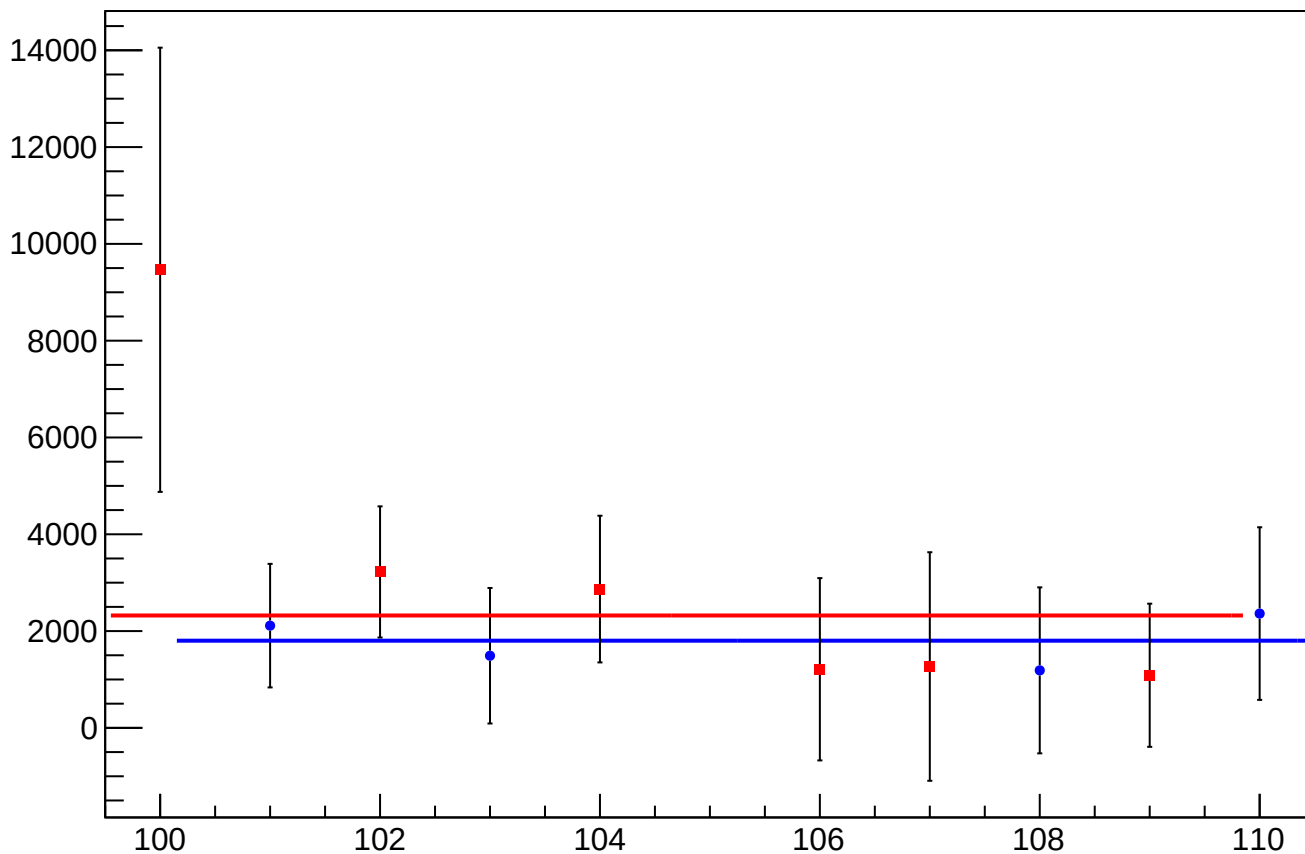
Right: 1330.792+/-0.461 χ^2/NDF : 366315.1/9

In: 1287.598+/-0.651 χ^2/NDF : 139844.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1330.792+/-0.461 χ^2/NDF : 366315.1/9

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1801.358+/-749.841 χ^2/NDF : 0.3/3

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

Right Out: 2322.184+/-716.812 χ^2/NDF : 4.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

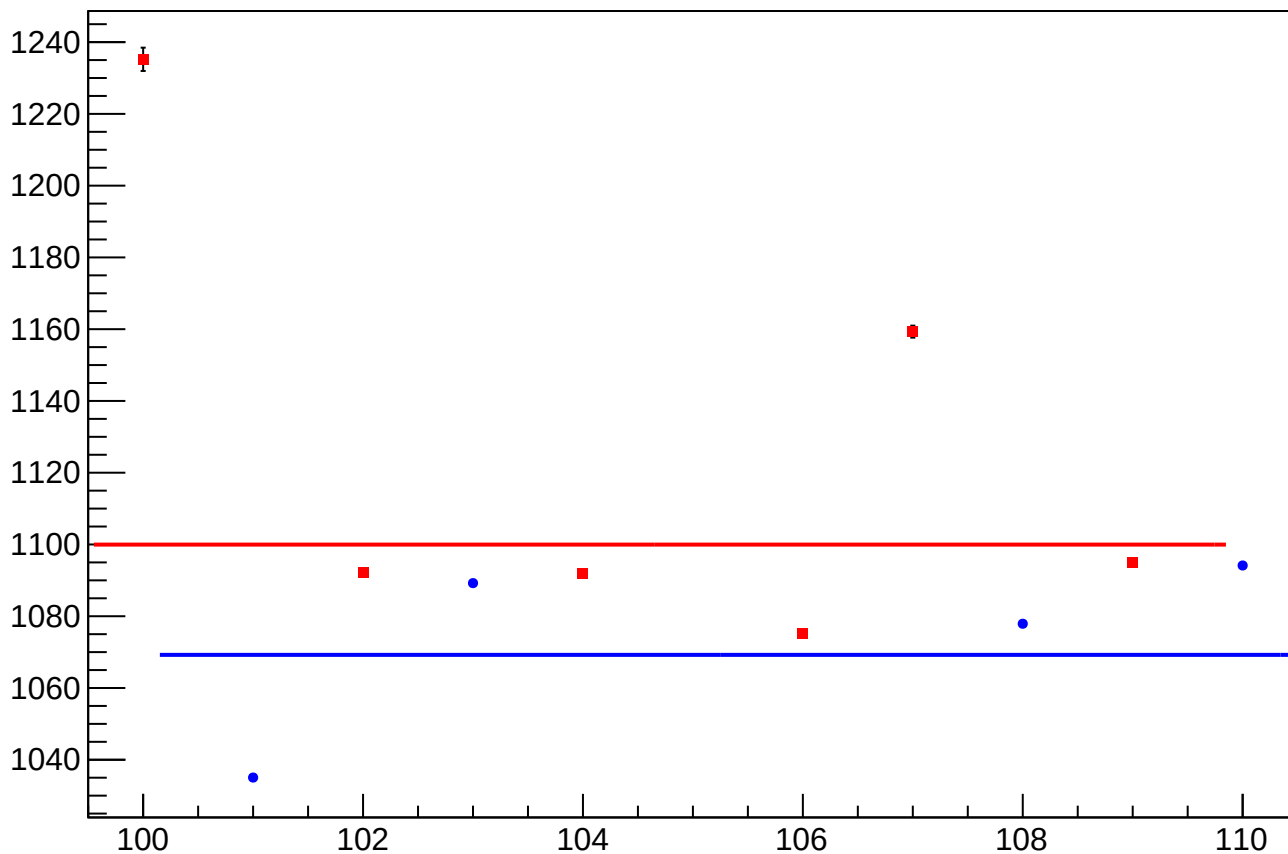
Right: 2073.494+/-518.146 χ^2/NDF : 4.8/9

In: 1801.358+/-749.841 χ^2/NDF : 0.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2073.494+/-518.146 χ^2/NDF : 4.8/9

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1069.232+/-0.530 χ^2/NDF : 2284.6/3

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

Right Out: 1099.963+/-0.507 χ^2/NDF : 3493.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

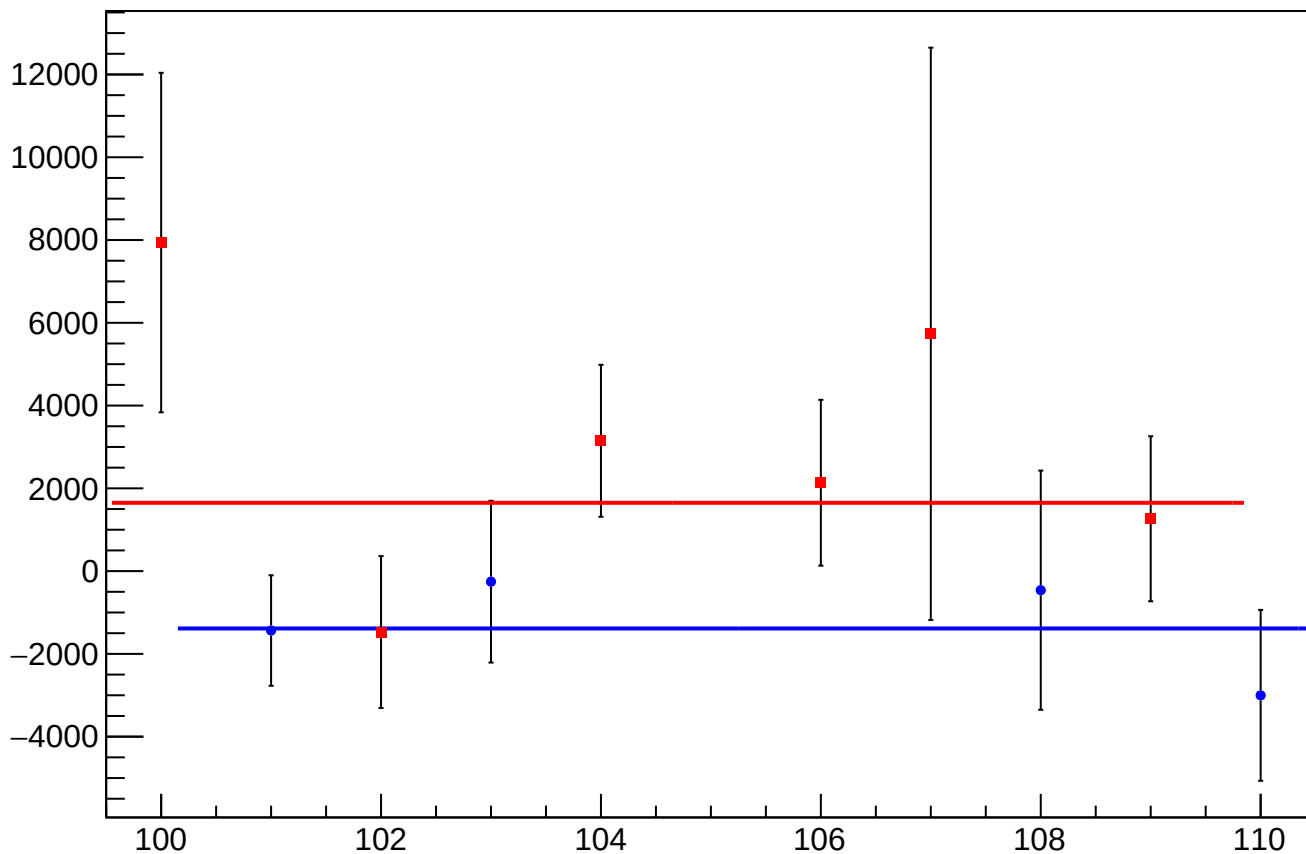
Right: 1085.289+/-0.366 χ^2/NDF : 7533.7/9

In: 1069.232+/-0.530 χ^2/NDF : 2284.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1085.289+/-0.366 χ^2/NDF : 7533.7/9

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -1386.038+/-921.815 χ^2/NDF : 1.1/3

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

Right Out: 1650.678+/-922.777 χ^2/NDF : 6.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

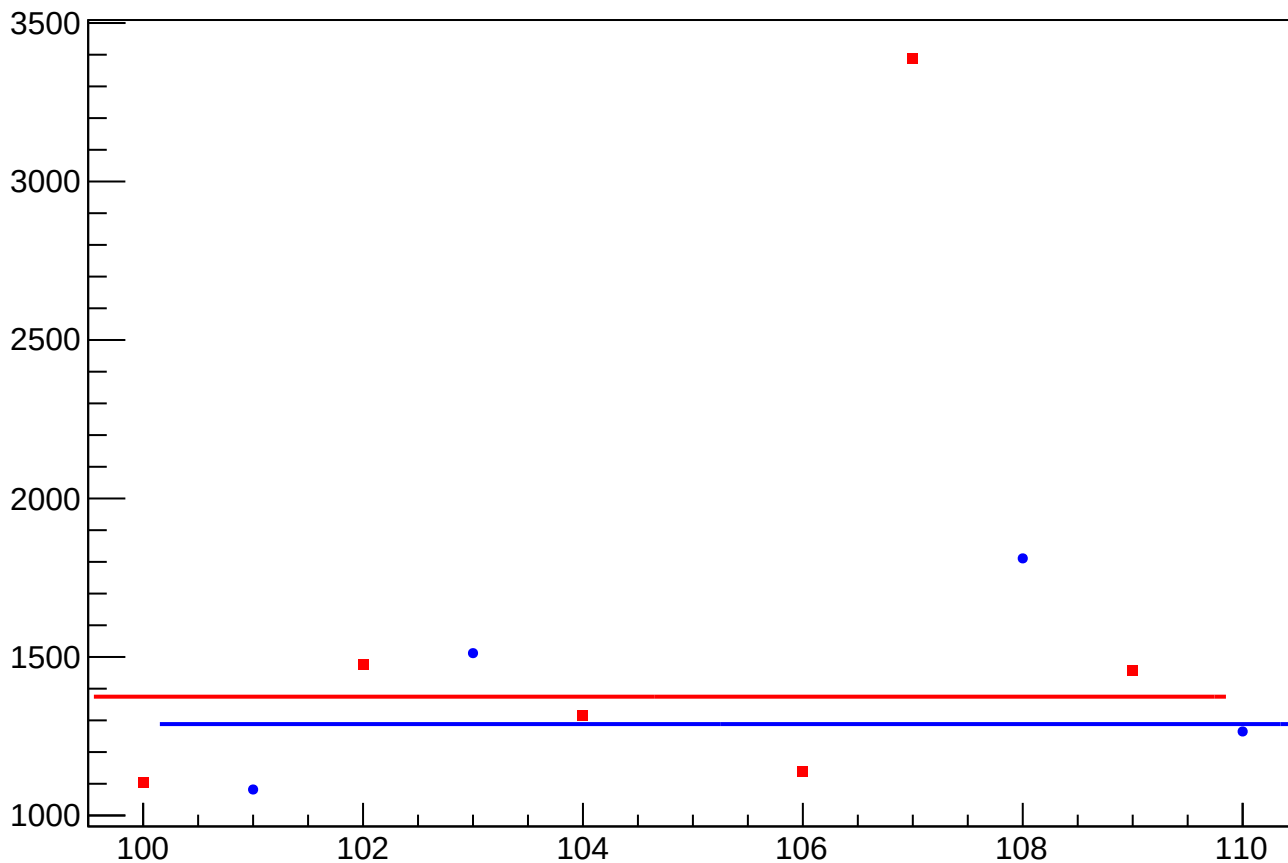
Right: 130.735+/-652.161 χ^2/NDF : 12.8/9

In: -1386.038+/-921.815 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.735+/-652.161 χ^2/NDF : 12.8/9

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1288.278+/-0.652 χ^2/NDF : 139686.5/3

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

Right Out: 1374.744+/-0.653 χ^2/NDF : 217624.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

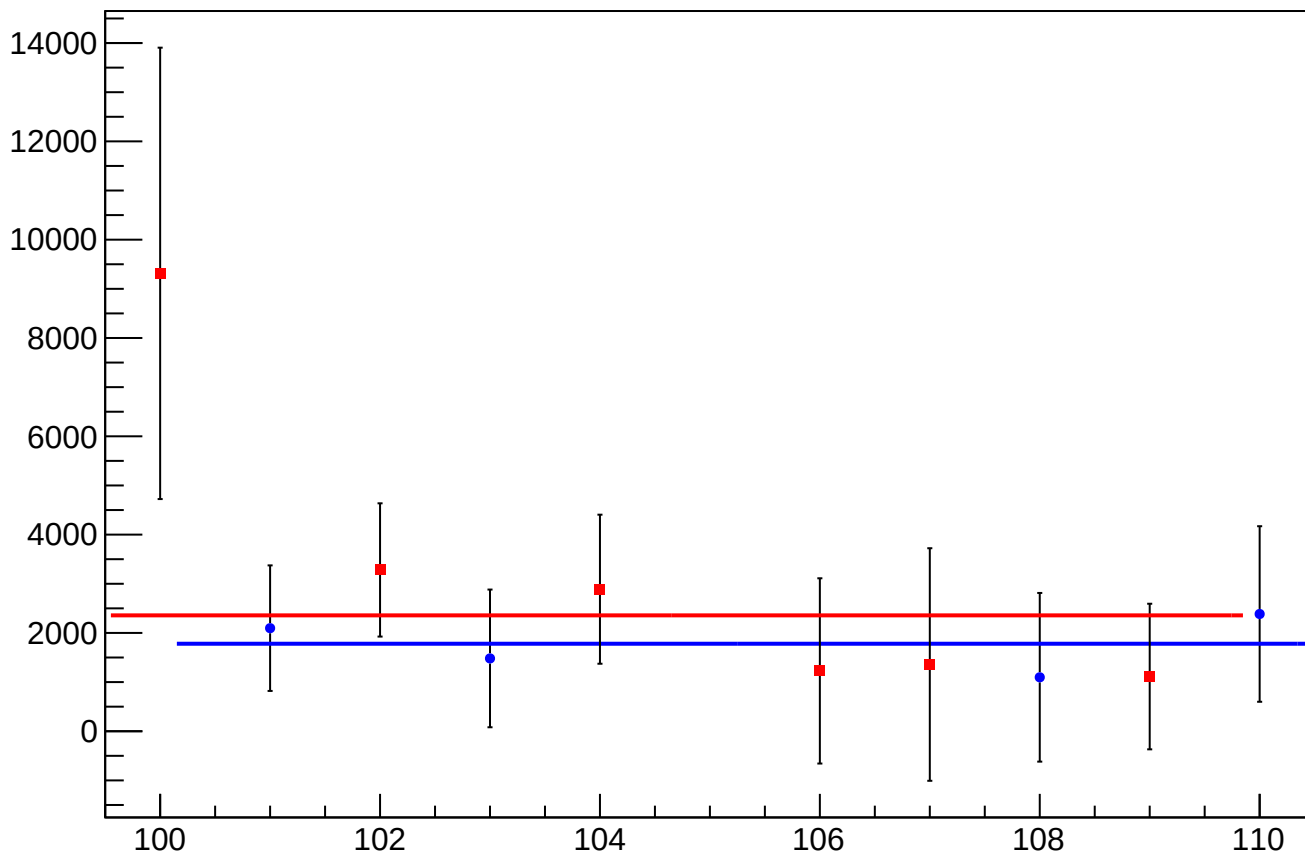
Right: 1331.466+/-0.461 χ^2/NDF : 366100.5/9

In: 1288.278+/-0.652 χ^2/NDF : 139686.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.466+/-0.461 χ^2/NDF : 366100.5/9

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1780.131+/-750.346 χ^2/NDF : 0.4/3

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

Right Out: 2357.399+/-717.400 χ^2/NDF : 4.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

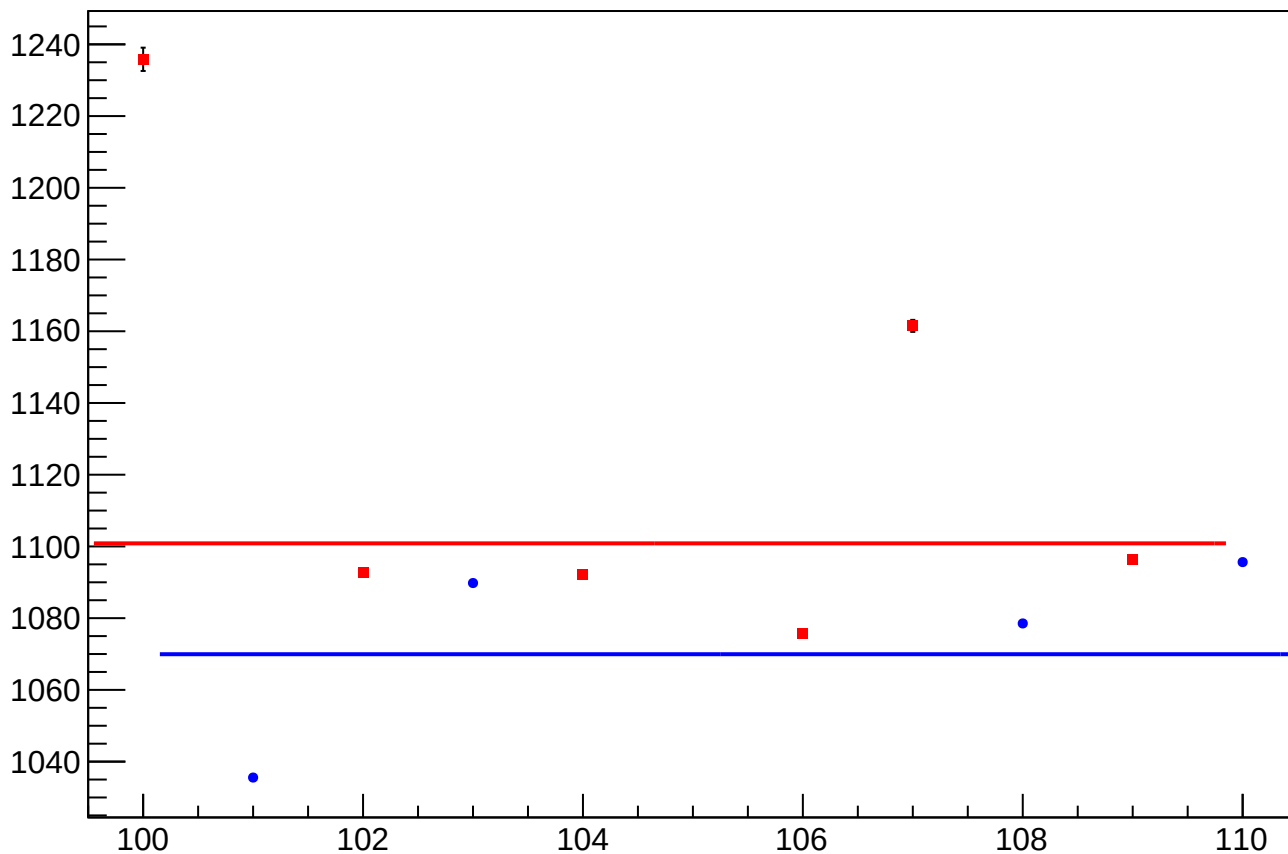
Right: 2081.716+/-518.535 χ^2/NDF : 4.8/9

In: 1780.131+/-750.346 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2081.716+/-518.535 χ^2/NDF : 4.8/9

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1069.946+/-0.531 χ^2/NDF : 2316.0/3

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

Right Out: 1100.857+/-0.507 χ^2/NDF : 3551.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

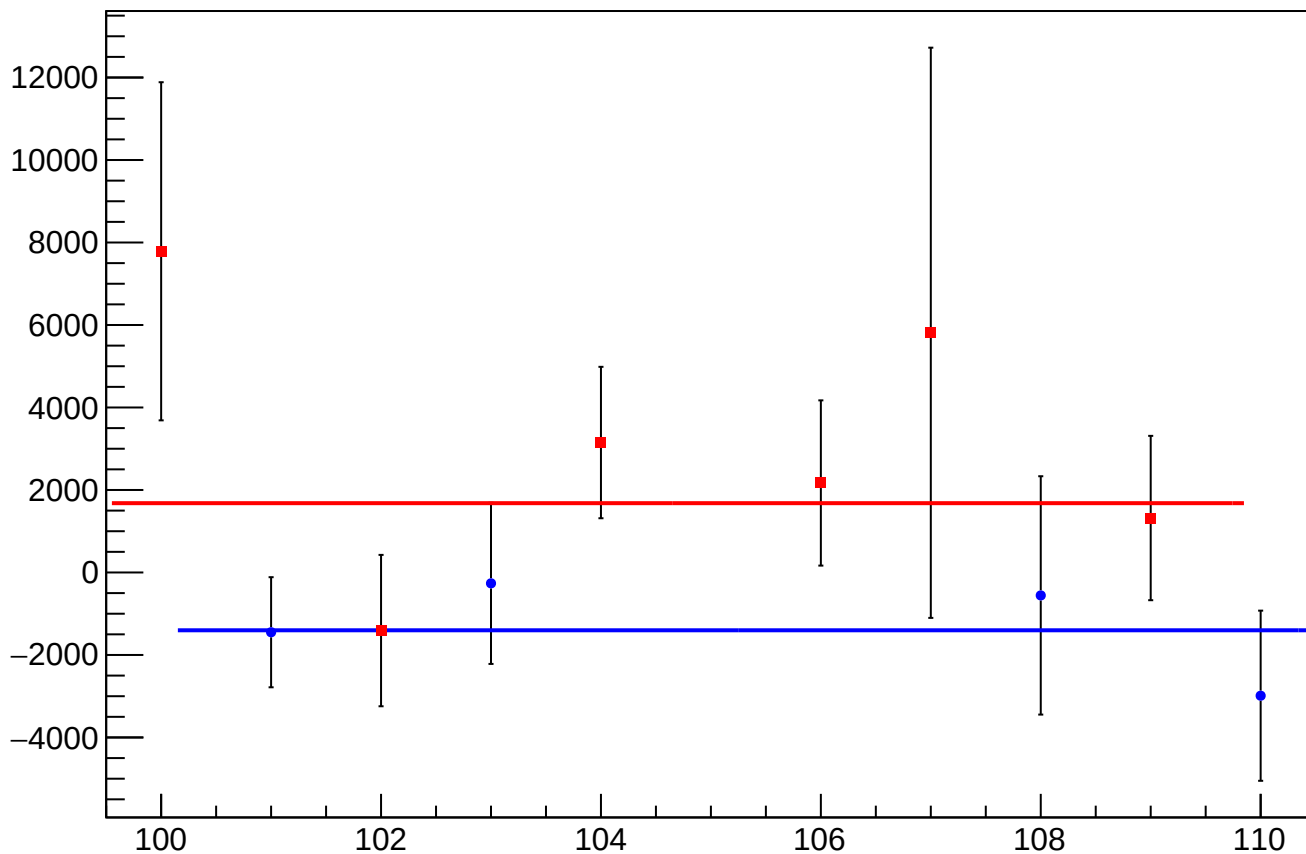
Right: 1086.095+/-0.367 χ^2/NDF : 7641.0/9

In: 1069.946+/-0.531 χ^2/NDF : 2316.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.095+/-0.367 χ^2/NDF : 7641.0/9

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1401.709+/-921.349 χ^2/NDF : 1.0/3

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

Right Out: 1680.220+/-922.347 χ^2/NDF : 6.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

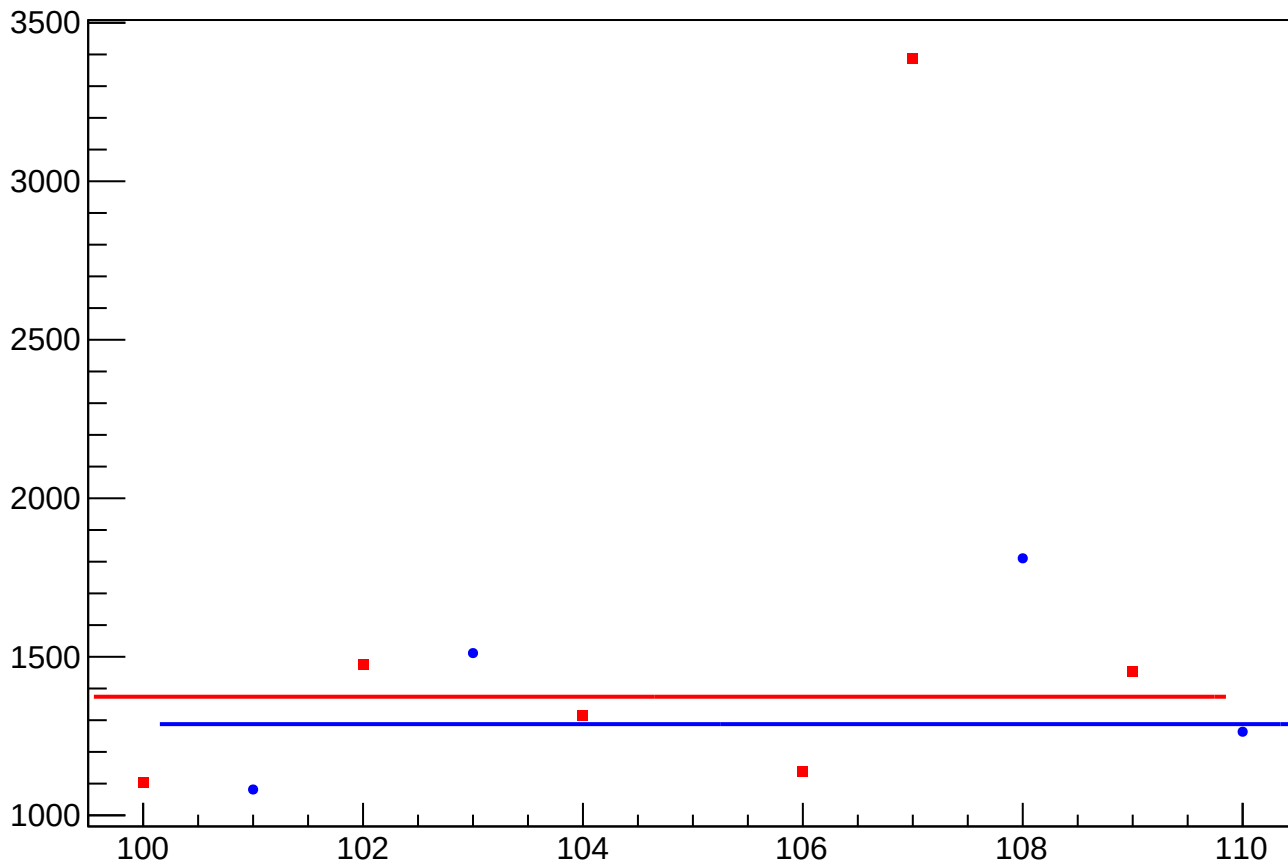
Right: 137.586+/-651.845 χ^2/NDF : 12.8/9

In: -1401.709+/-921.349 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.586+/-651.845 χ^2/NDF : 12.8/9

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1287.598+/-0.651 χ^2/NDF : 139844.0/3

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

Right Out: 1374.079+/-0.652 χ^2/NDF : 217670.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

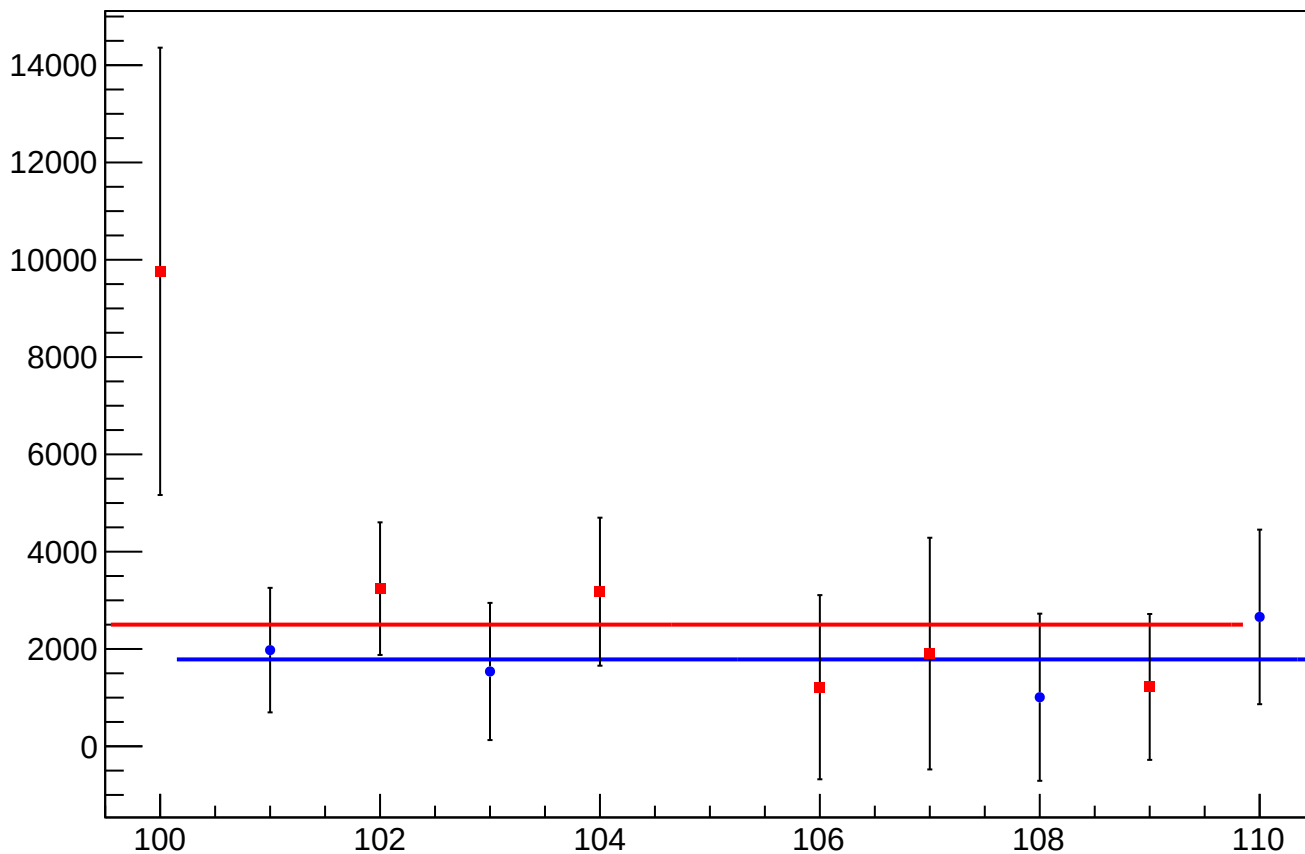
Right: 1330.792+/-0.461 χ^2/NDF : 366315.1/9

In: 1287.598+/-0.651 χ^2/NDF : 139844.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1330.792+/-0.461 χ^2/NDF : 366315.1/9

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1785.512+/-753.059 χ^2/NDF : 0.5/3

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

Right Out: 2500.846+/-722.050 χ^2/NDF : 4.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

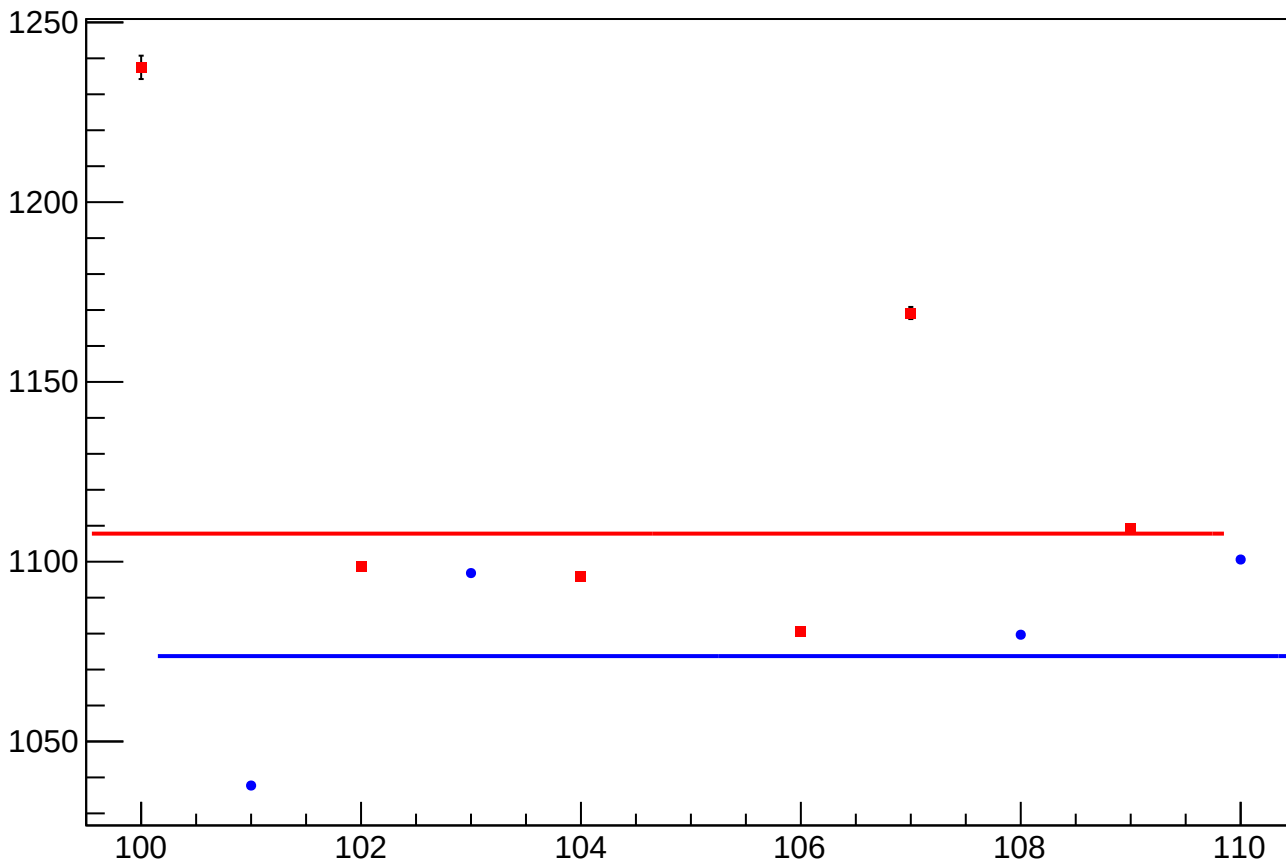
Right: 2158.210+/-521.184 χ^2/NDF : 5.2/9

In: 1785.512+/-753.059 χ^2/NDF : 0.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2158.210+/-521.184 χ^2/NDF : 5.2/9

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1073.745+/-0.532 χ^2/NDF : 2591.6/3

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

Right Out: 1107.808+/-0.511 χ^2/NDF : 3545.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

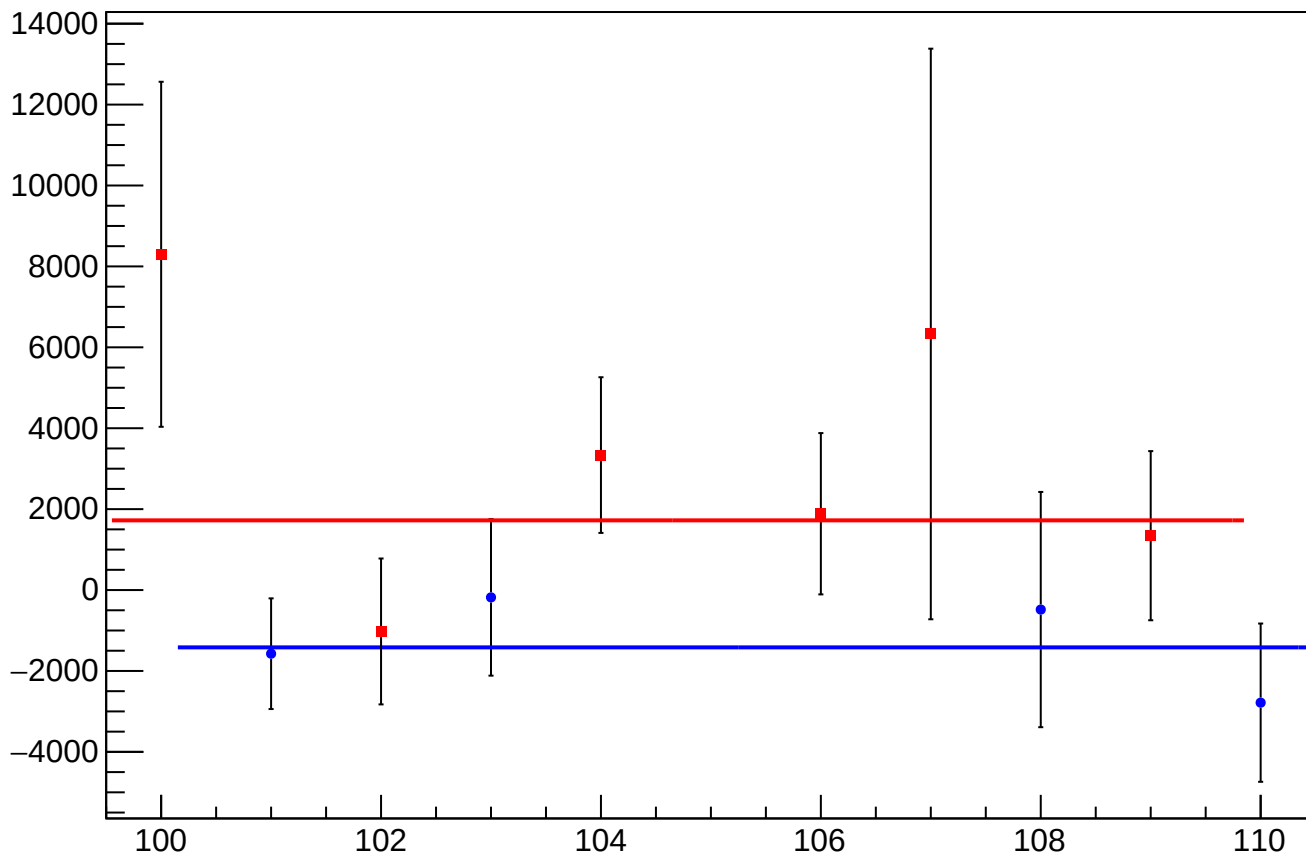
Right: 1091.492+/-0.369 χ^2/NDF : 8269.5/9

In: 1073.745+/-0.532 χ^2/NDF : 2591.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1091.492+/-0.369 χ^2/NDF : 8269.5/9

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: -1417.111+/-920.158 χ^2/NDF : 1.0/3

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

Right Out: 1722.691+/-939.383 χ^2/NDF : 5.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

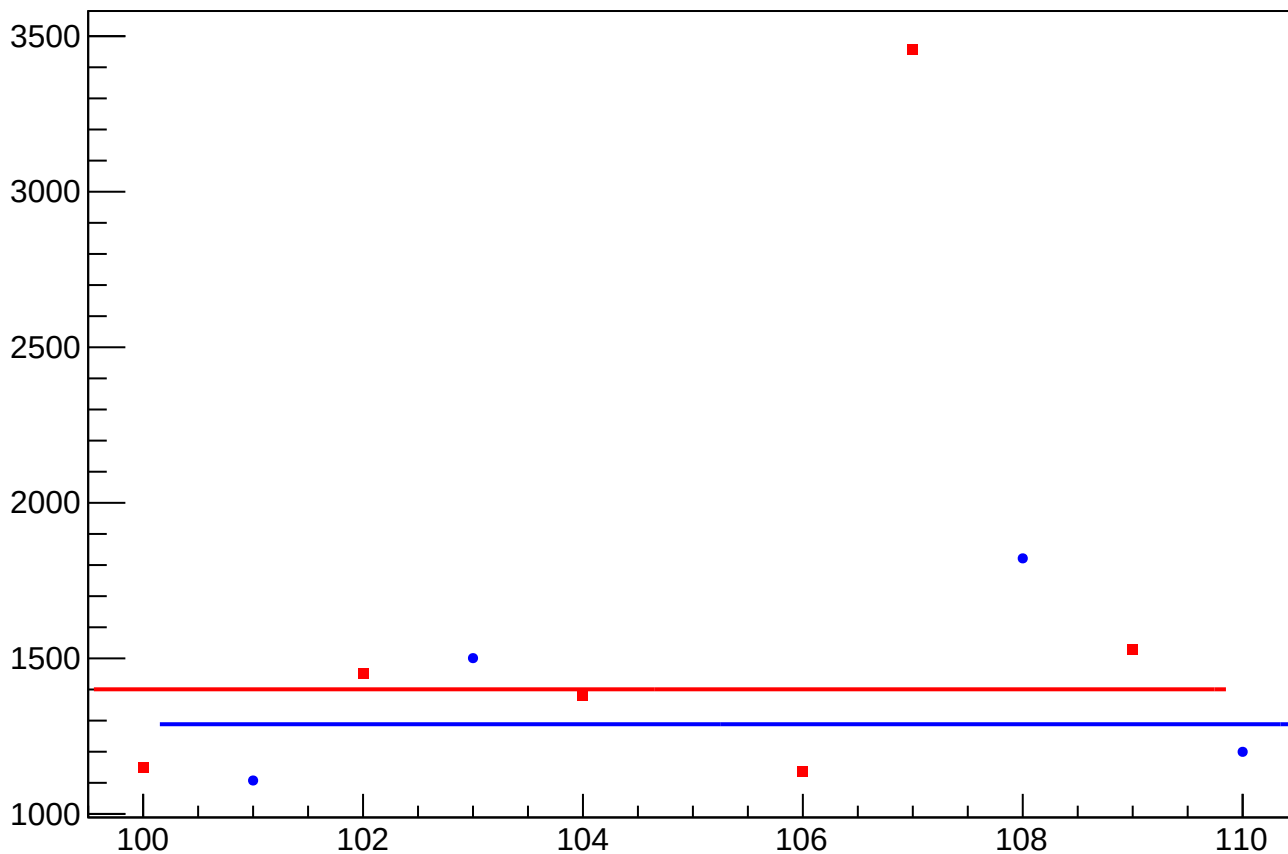
Right: 120.333+/-657.342 χ^2/NDF : 12.6/9

In: -1417.111+/-920.158 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.333+/-657.342 χ^2/NDF : 12.6/9

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 1288.353+/-0.651 χ^2/NDF : 130429.5/3

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

Right Out: 1400.602+/-0.664 χ^2/NDF : 221409.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

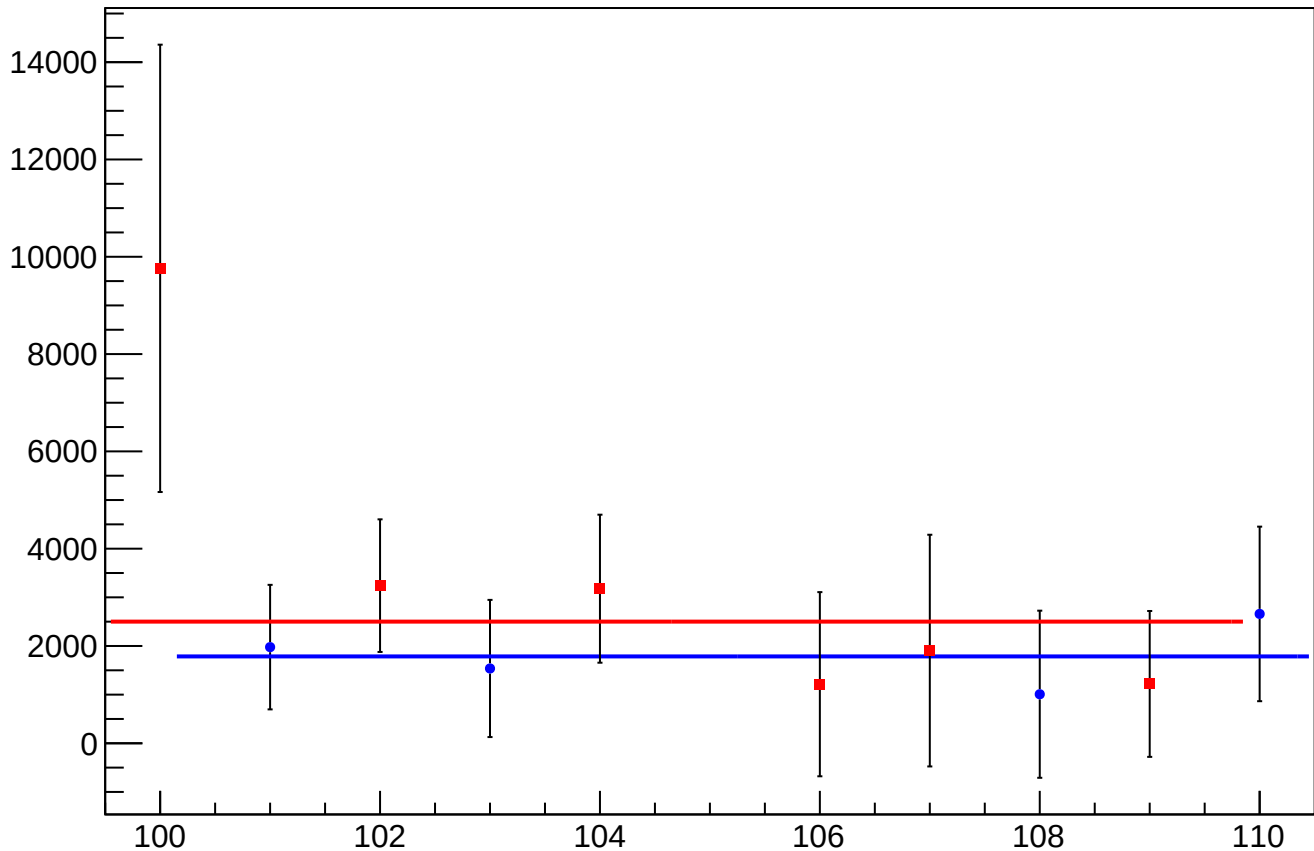
Right: 1343.317+/-0.465 χ^2/NDF : 366412.2/9

In: 1288.353+/-0.651 χ^2/NDF : 130429.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.317+/-0.465 χ^2/NDF : 366412.2/9

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1785.513+/-753.059 χ^2/NDF : 0.5/3

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

Right Out: 2500.841+/-722.050 χ^2/NDF : 4.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

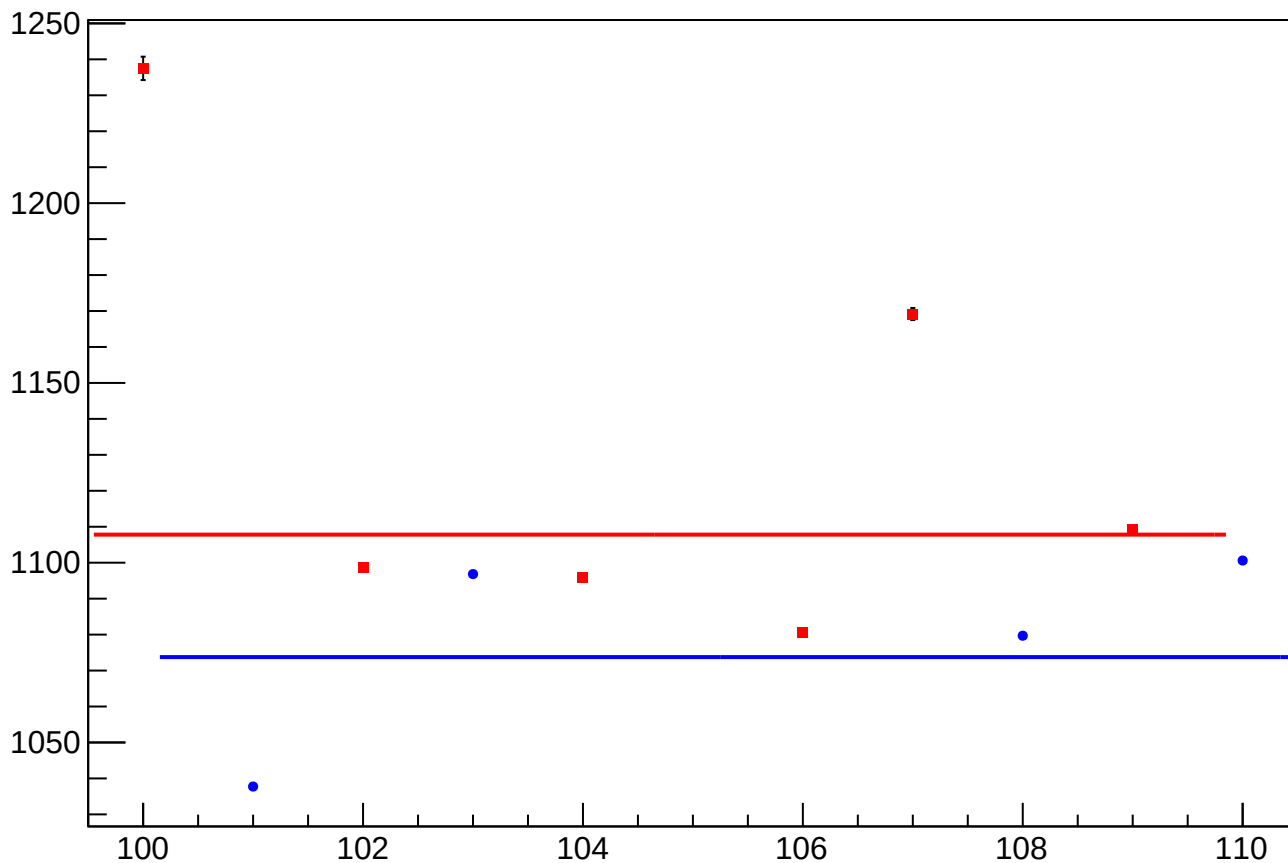
Right: 2158.208+/-521.184 χ^2/NDF : 5.2/9

In: 1785.513+/-753.059 χ^2/NDF : 0.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2158.208+/-521.184 χ^2/NDF : 5.2/9

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1073.745+/-0.532 χ^2/NDF : 2591.6/3

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

Right Out: 1107.808+/-0.511 χ^2/NDF : 3545.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

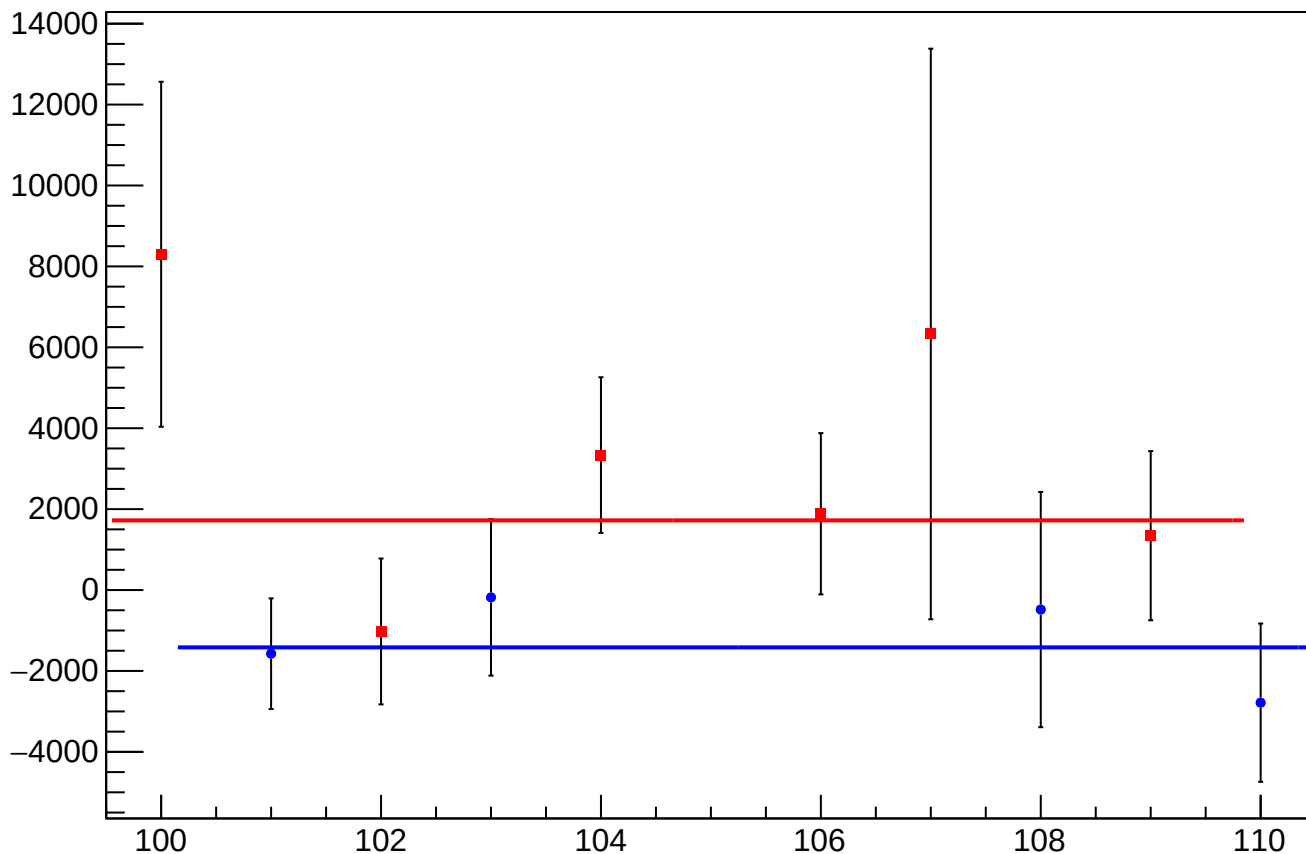
Right: 1091.492+/-0.369 χ^2/NDF : 8269.4/9

In: 1073.745+/-0.532 χ^2/NDF : 2591.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1091.492+/-0.369 χ^2/NDF : 8269.4/9

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1417.109+/-920.157 χ^2/NDF : 1.0/3

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

Right Out: 1722.687+/-939.381 χ^2/NDF : 5.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

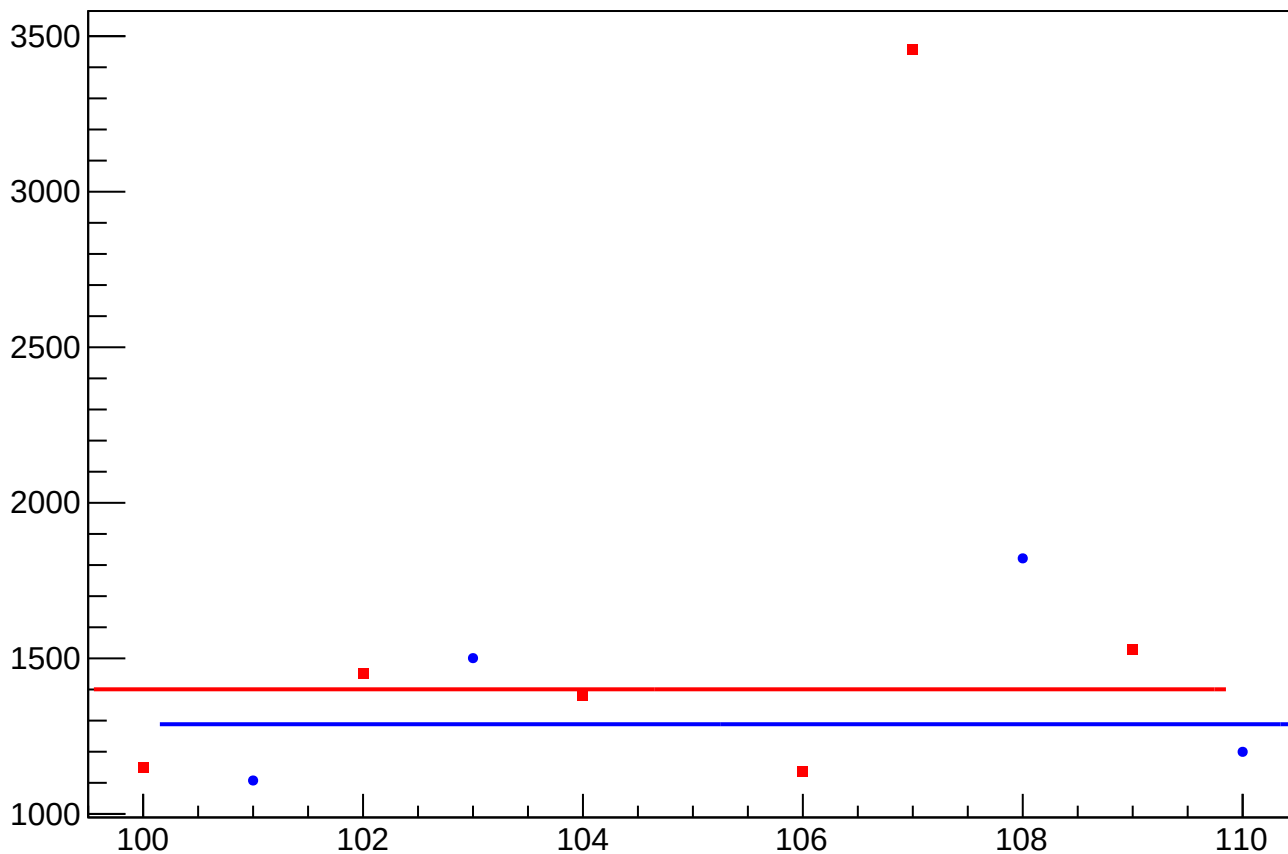
Right: 120.333+/-657.341 χ^2/NDF : 12.6/9

In: -1417.109+/-920.157 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.333+/-657.341 χ^2/NDF : 12.6/9

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1288.351+/-0.651 χ^2/NDF : 130429.2/3

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

Right Out: 1400.599+/-0.664 χ^2/NDF : 221407.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

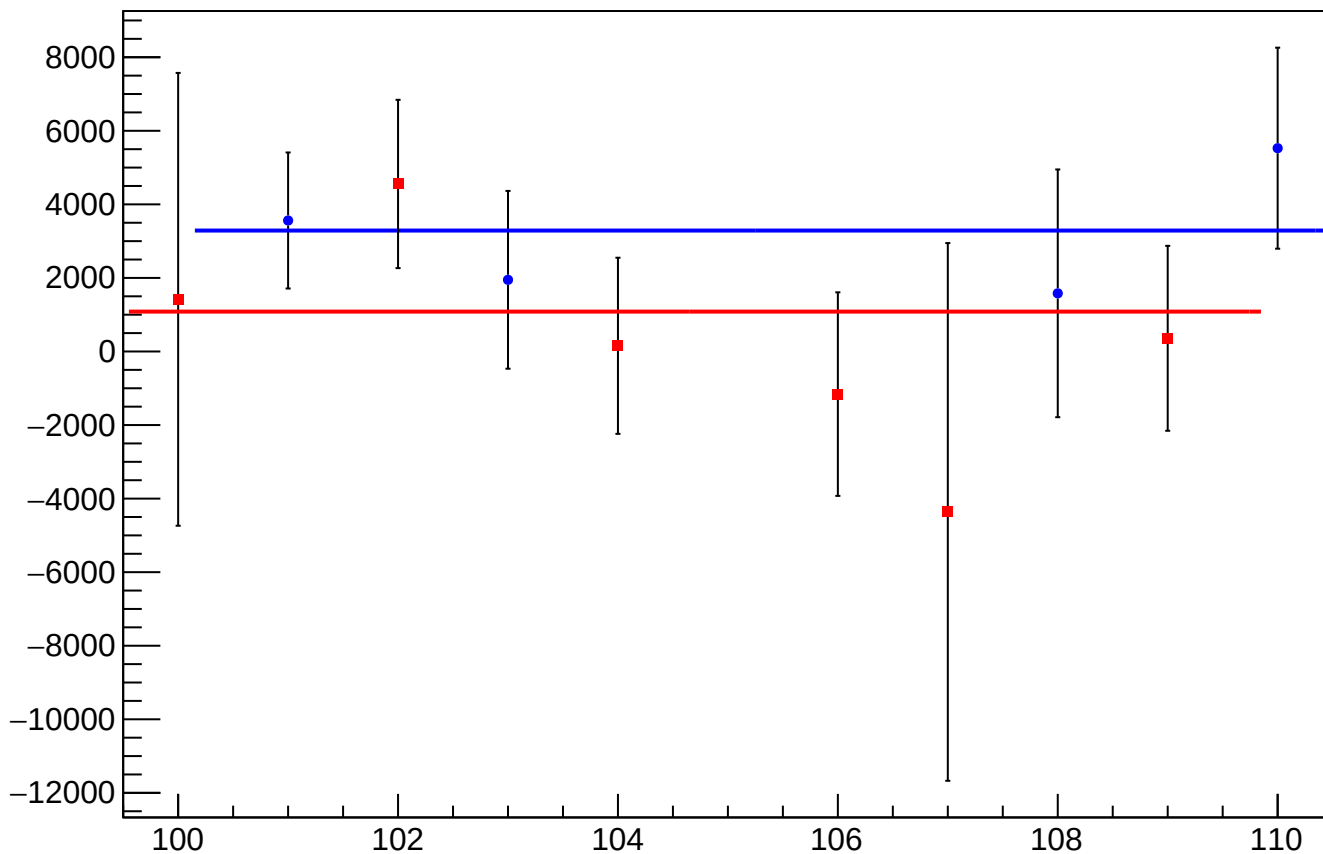
Right: 1343.315+/-0.465 χ^2/NDF : 366409.8/9

In: 1288.351+/-0.651 χ^2/NDF : 130429.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.315+/-0.465 χ^2/NDF : 366409.8/9

asym_usl_mean vs Slug, Sign Corrected



Right In: 3287.916 $\pm$ 1207.646 χ^2 /NDF: 1.3/3

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

Right Out: 1084.216 $\pm$ 1195.710 χ^2 /NDF: 3.8/5

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

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

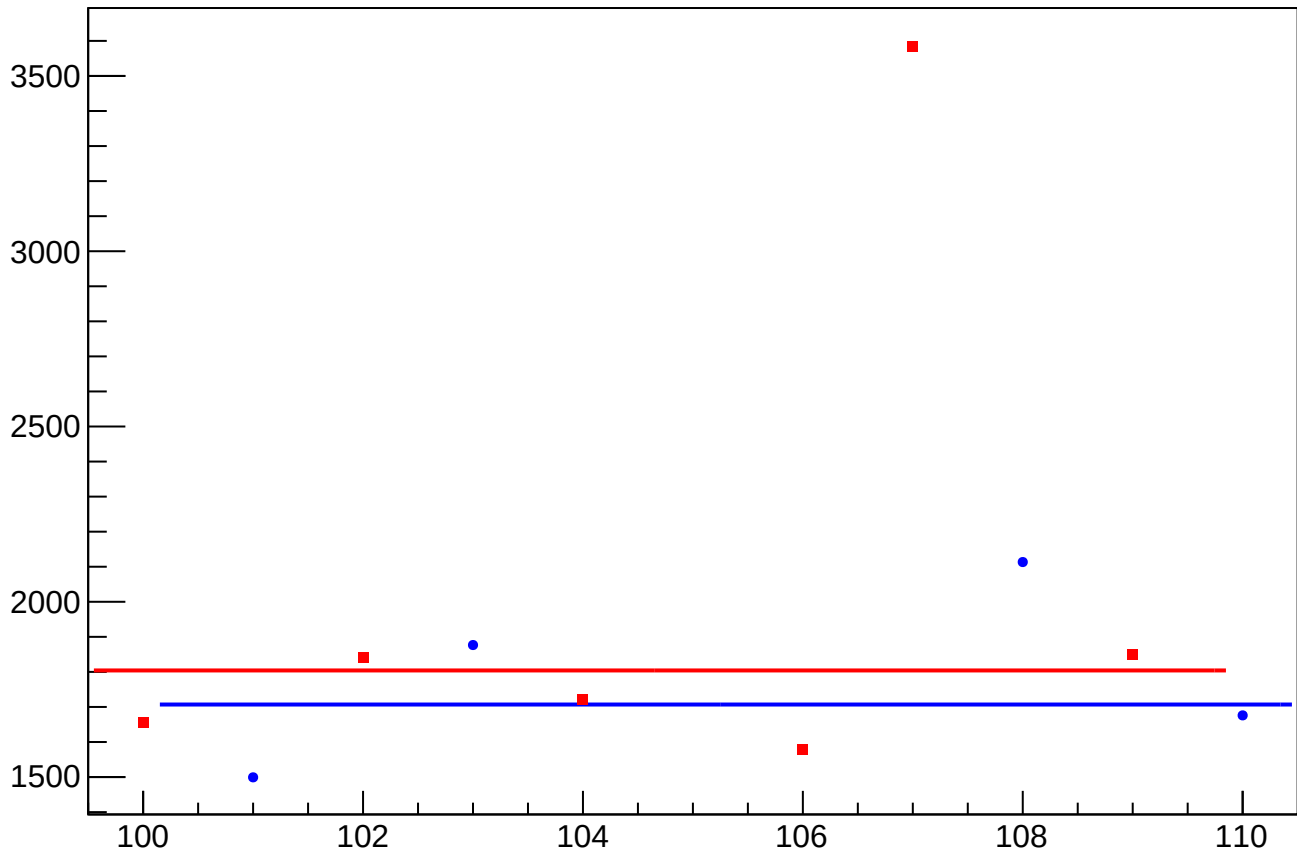
Right: 2175.122 $\pm$ 849.683 χ^2 /NDF: 6.7/9

In: 3287.916 $\pm$ 1207.646 χ^2 /NDF:1.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2175.122 $\pm$ 849.683 χ^2 /NDF: 6.7/9

asym_usl_rms vs Slug, Sign Corrected



Right In: 1706.926+/-0.854 χ^2/NDF : 64474.6/3

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

Right Out: 1804.132+/-0.845 χ^2/NDF : 136657.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

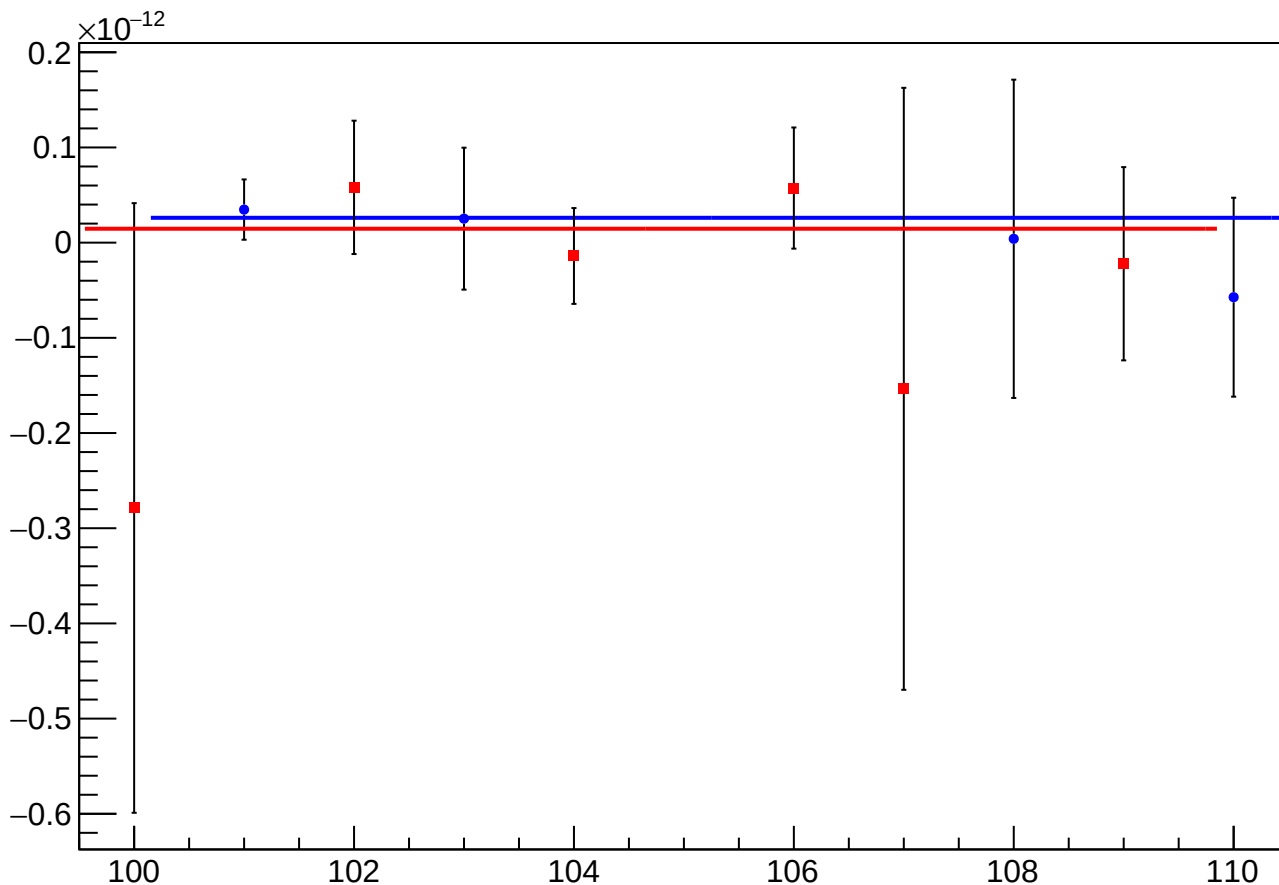
Right: 1756.012+/-0.601 χ^2/NDF : 207675.1/9

In: 1706.926+/-0.854 χ^2/NDF : 64474.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1756.012+/-0.601 χ^2/NDF : 207675.1/9

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

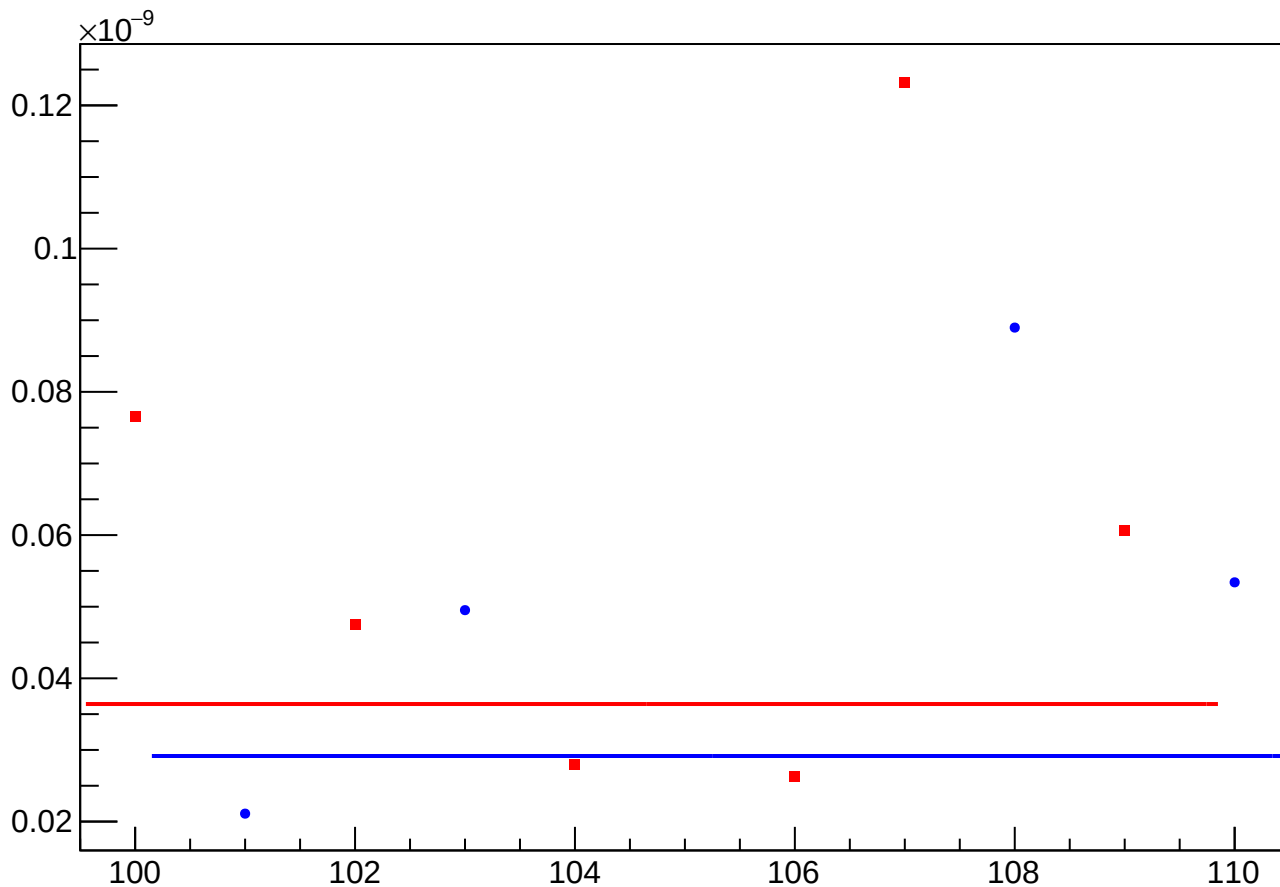
Right: 0.000+/-0.000 χ^2/NDF : 3.2/9

In: 0.000+/-0.000 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.2/9

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 642287.3/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 454140.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

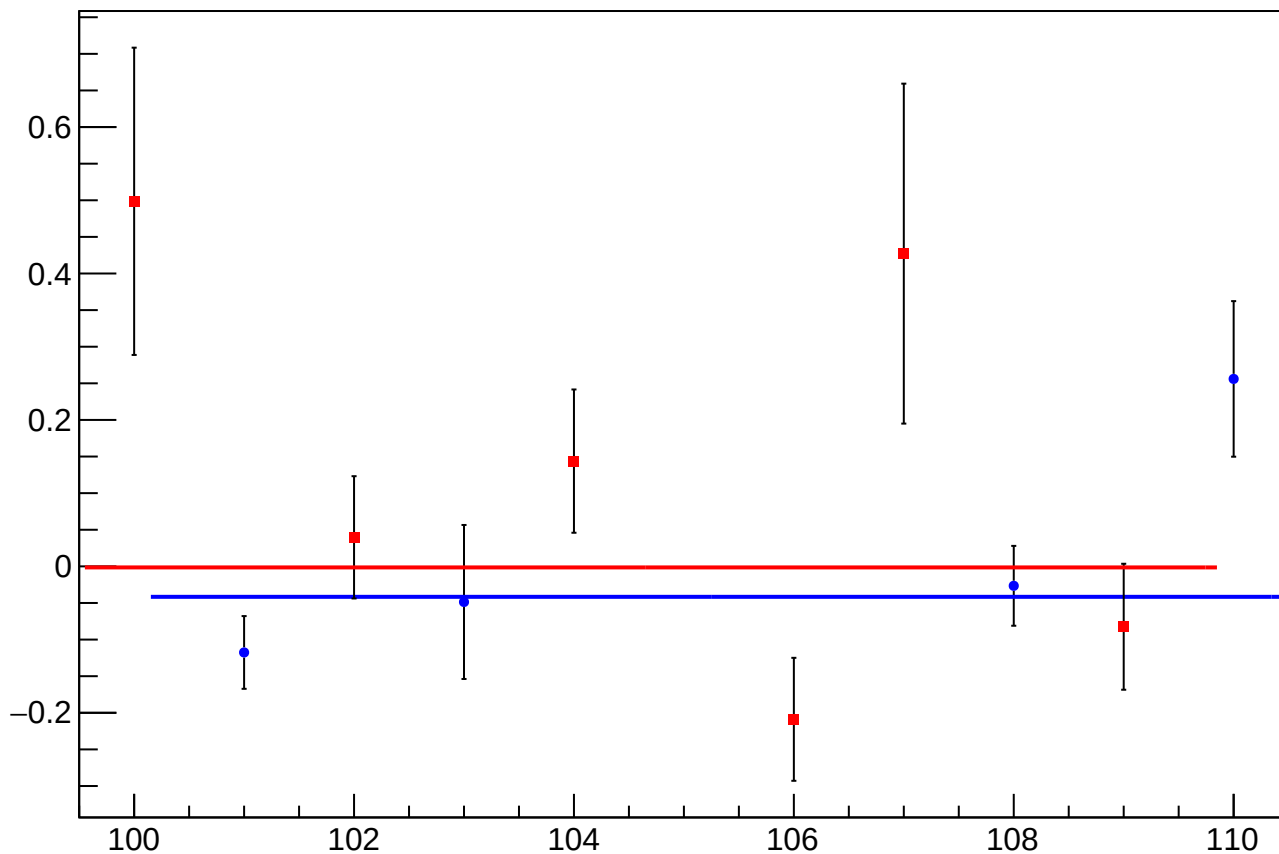
Right: 0.000+/-0.000 χ^2/NDF : 1154782.4/9

In: 0.000+/-0.000 χ^2/NDF : 642287.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1154782.4/9

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 ± 0.033 χ^2/NDF : 10.3/3

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

Right Out: -0.001 ± 0.042 χ^2/NDF : 18.5/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

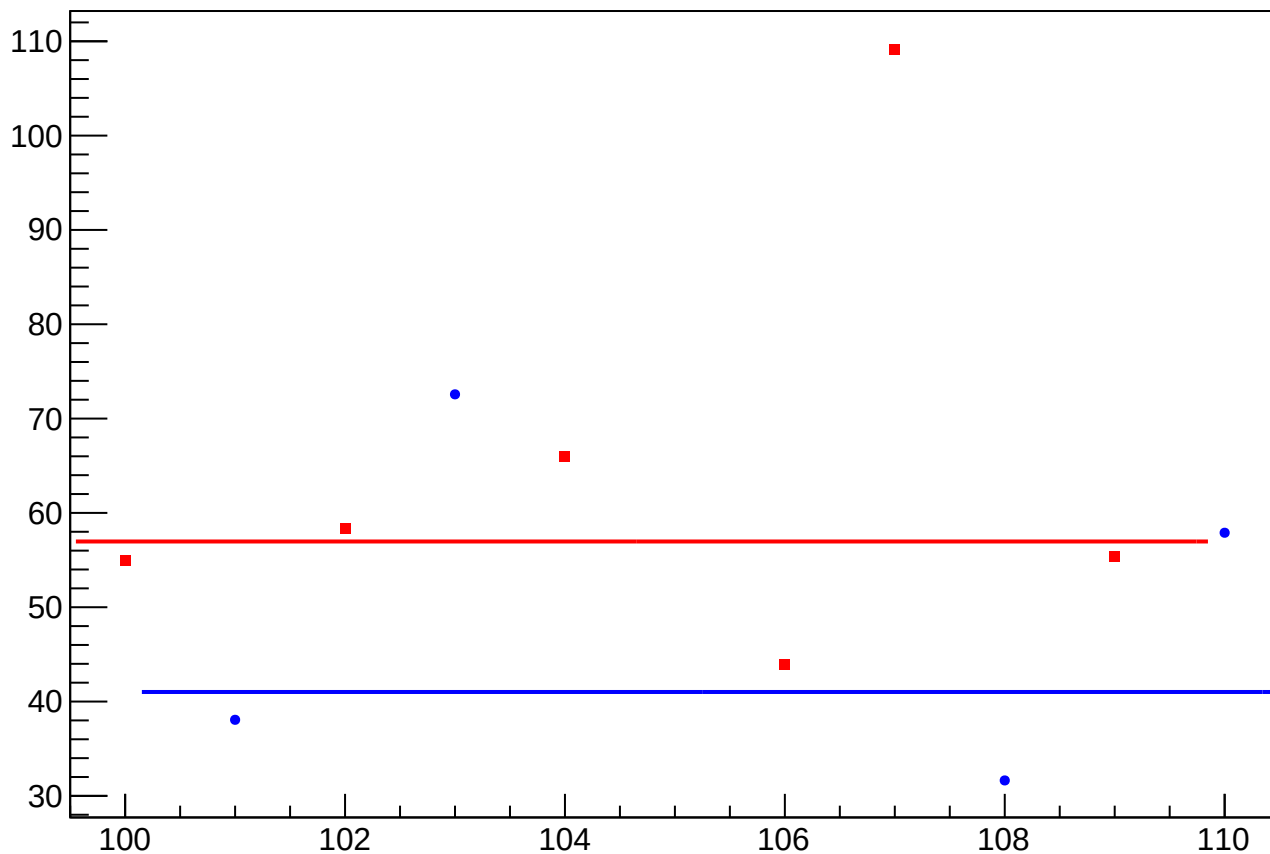
Right: -0.026 ± 0.026 χ^2/NDF : 29.4/9

In: -0.042 ± 0.033 χ^2/NDF : 10.3/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.026 ± 0.026 χ^2/NDF : 29.4/9

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.015+/-0.023 χ^2/NDF : 296704.5/3

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

Right Out: 56.970+/-0.030 χ^2/NDF : 167323.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

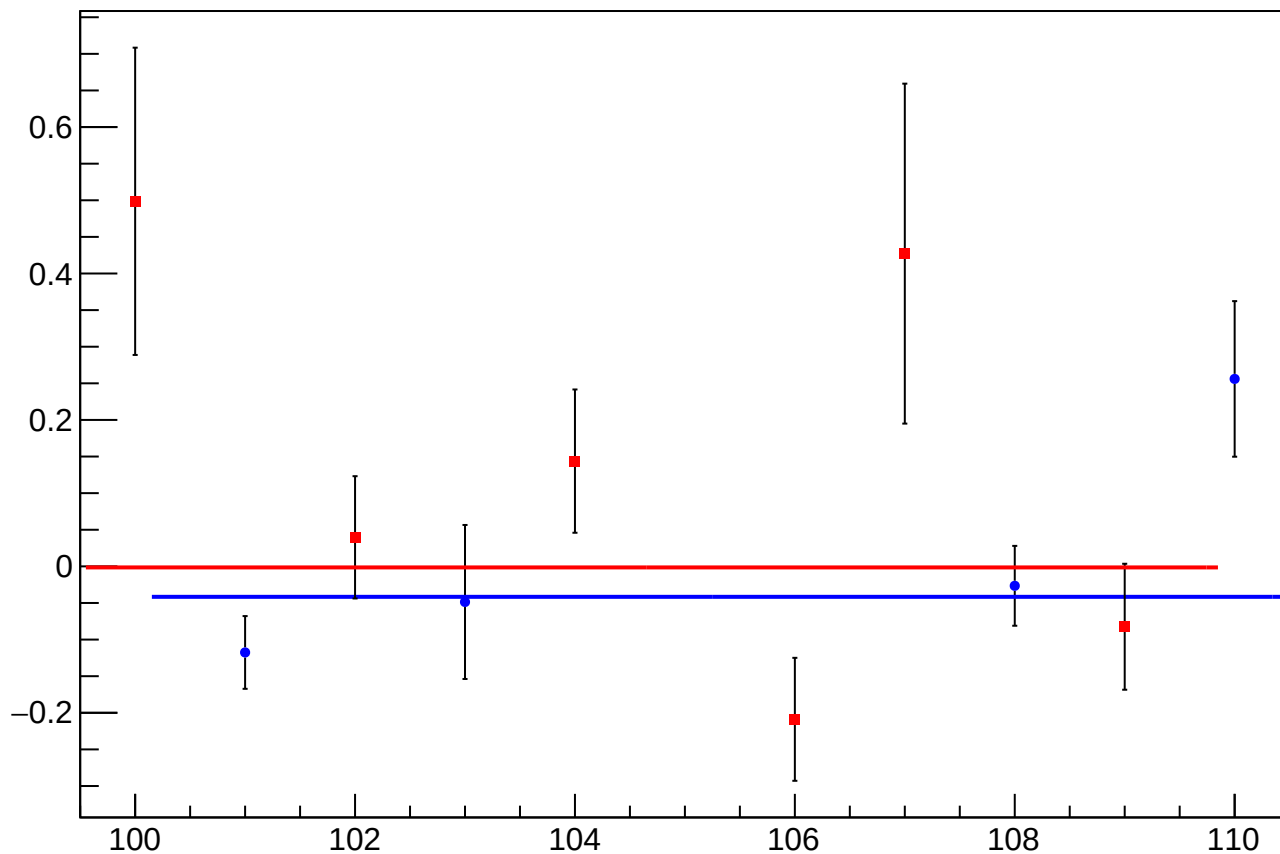
Right: 47.090+/-0.018 χ^2/NDF : 642484.9/9

In: 41.015+/-0.023 χ^2/NDF : 296704.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.090+/-0.018 χ^2/NDF : 642484.9/9

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.033 χ^2 /NDF: 10.3/3

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

Right Out: -0.001 $\pm$ 0.042 χ^2 /NDF: 18.5/5

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

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

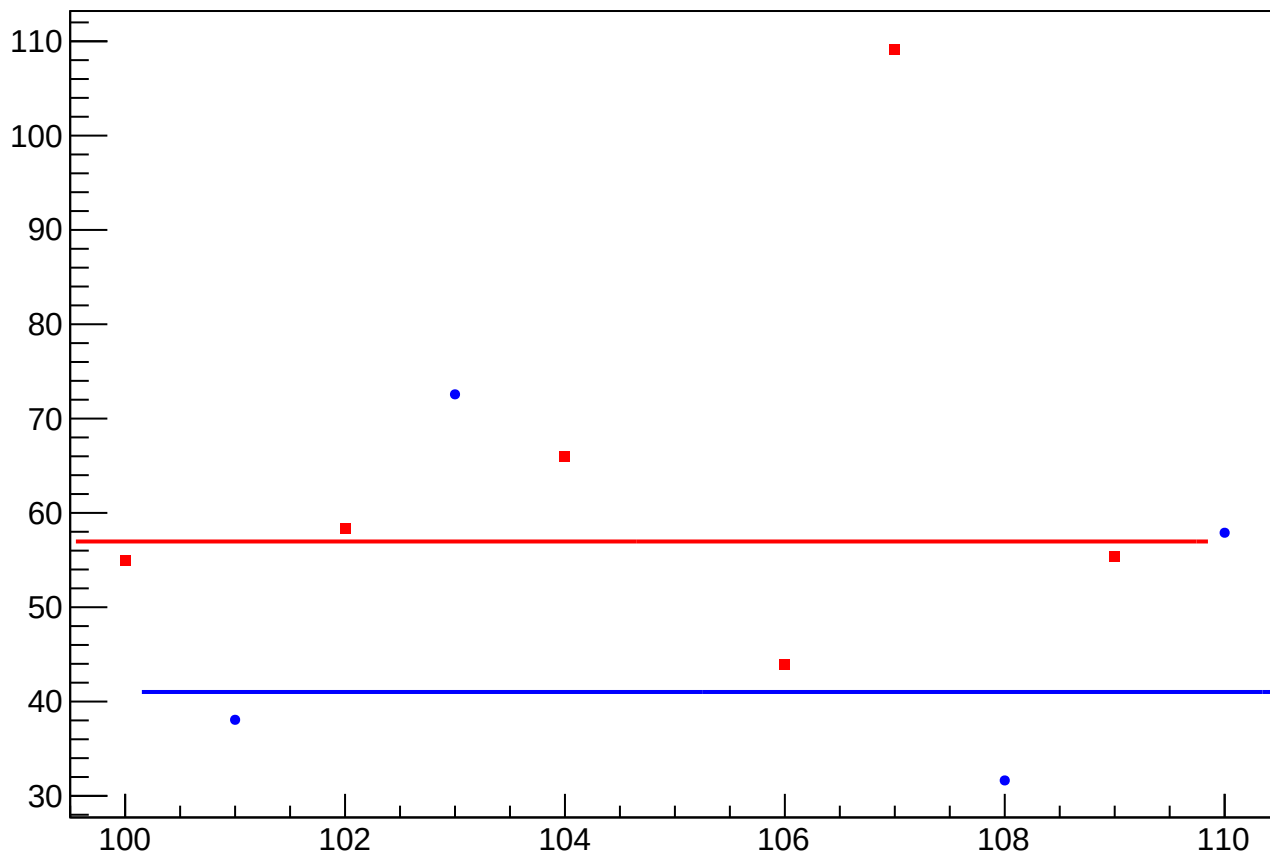
Right: -0.026 $\pm$ 0.026 χ^2 /NDF: 29.4/9

In: -0.042 $\pm$ 0.033 χ^2 /NDF:10.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.026 χ^2 /NDF: 29.4/9

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.015+/-0.023 χ^2/NDF : 296704.5/3

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

Right Out: 56.970+/-0.030 χ^2/NDF : 167323.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

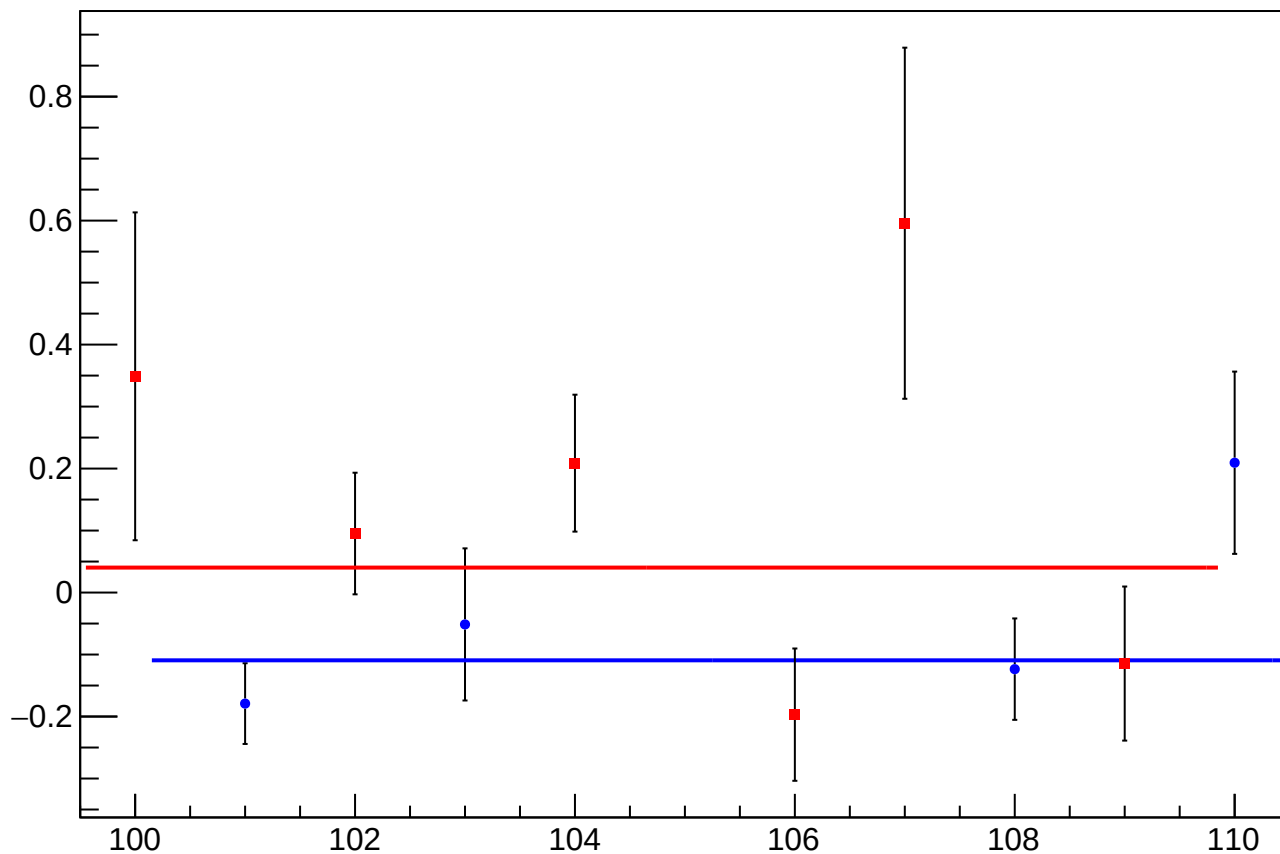
Right: 47.090+/-0.018 χ^2/NDF : 642484.9/9

In: 41.015+/-0.023 χ^2/NDF : 296704.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.090+/-0.018 χ^2/NDF : 642484.9/9

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.109 ± 0.045 χ^2/NDF : 6.1/3

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

Right Out: 0.040 ± 0.052 χ^2/NDF : 14.3/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

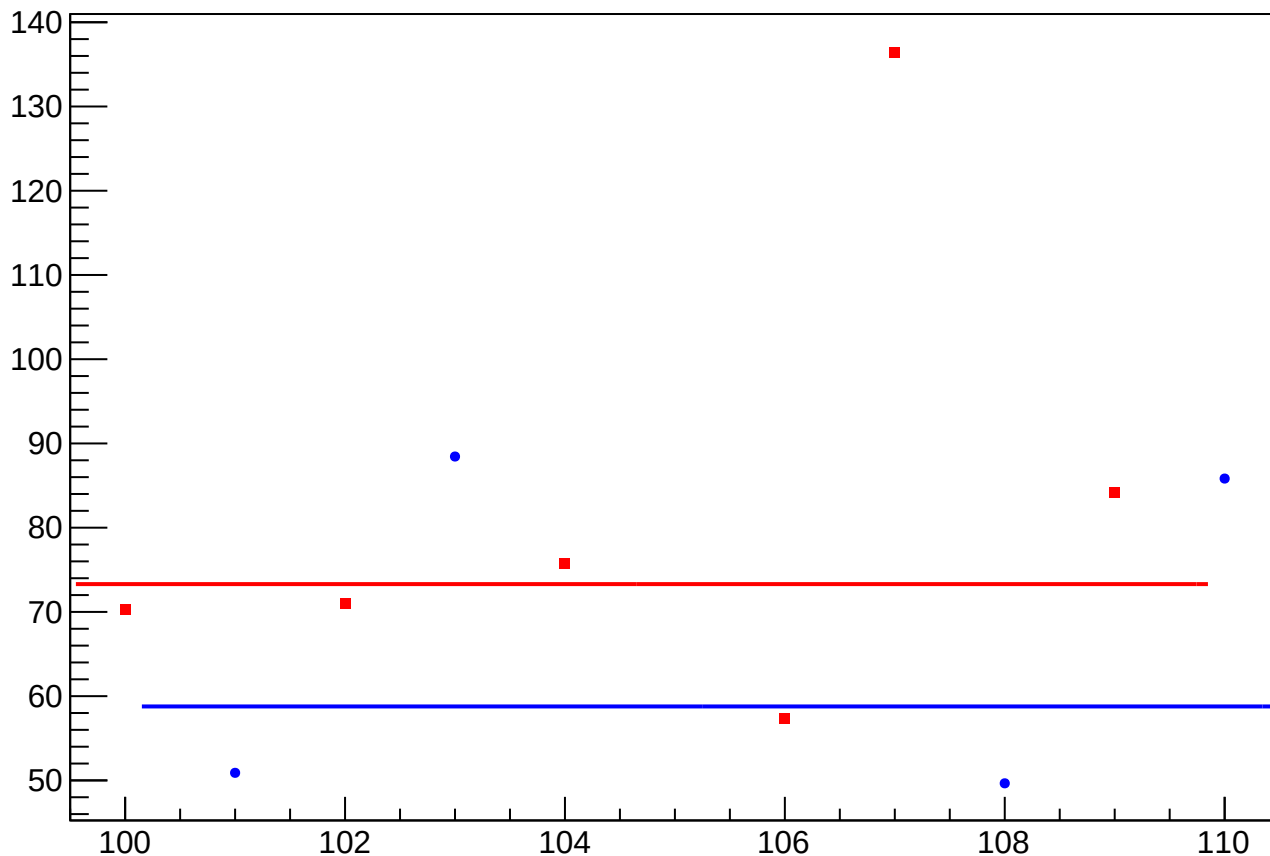
Right: -0.046 ± 0.034 χ^2/NDF : 25.2/9

In: -0.109 ± 0.045 χ^2/NDF : 6.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.046 ± 0.034 χ^2/NDF : 25.2/9

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.779+/-0.032 χ^2/NDF : 238812.7/3

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

Right Out: 73.302+/-0.037 χ^2/NDF : 161984.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

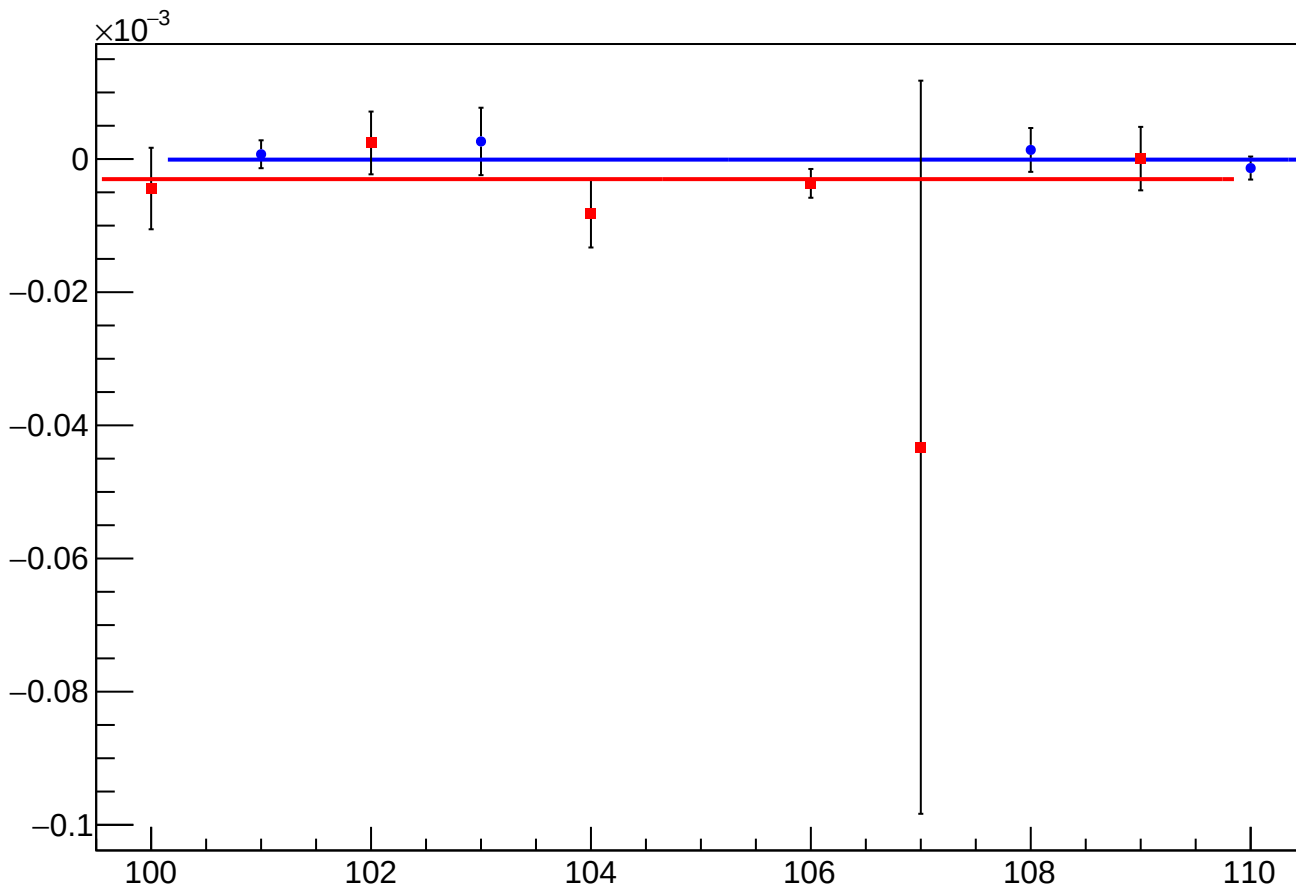
Right: 64.924+/-0.024 χ^2/NDF : 489688.1/9

In: 58.779+/-0.032 χ^2/NDF : 238812.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.924+/-0.024 χ^2/NDF : 489688.1/9

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 1.2/3

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

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 3.4/5

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

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

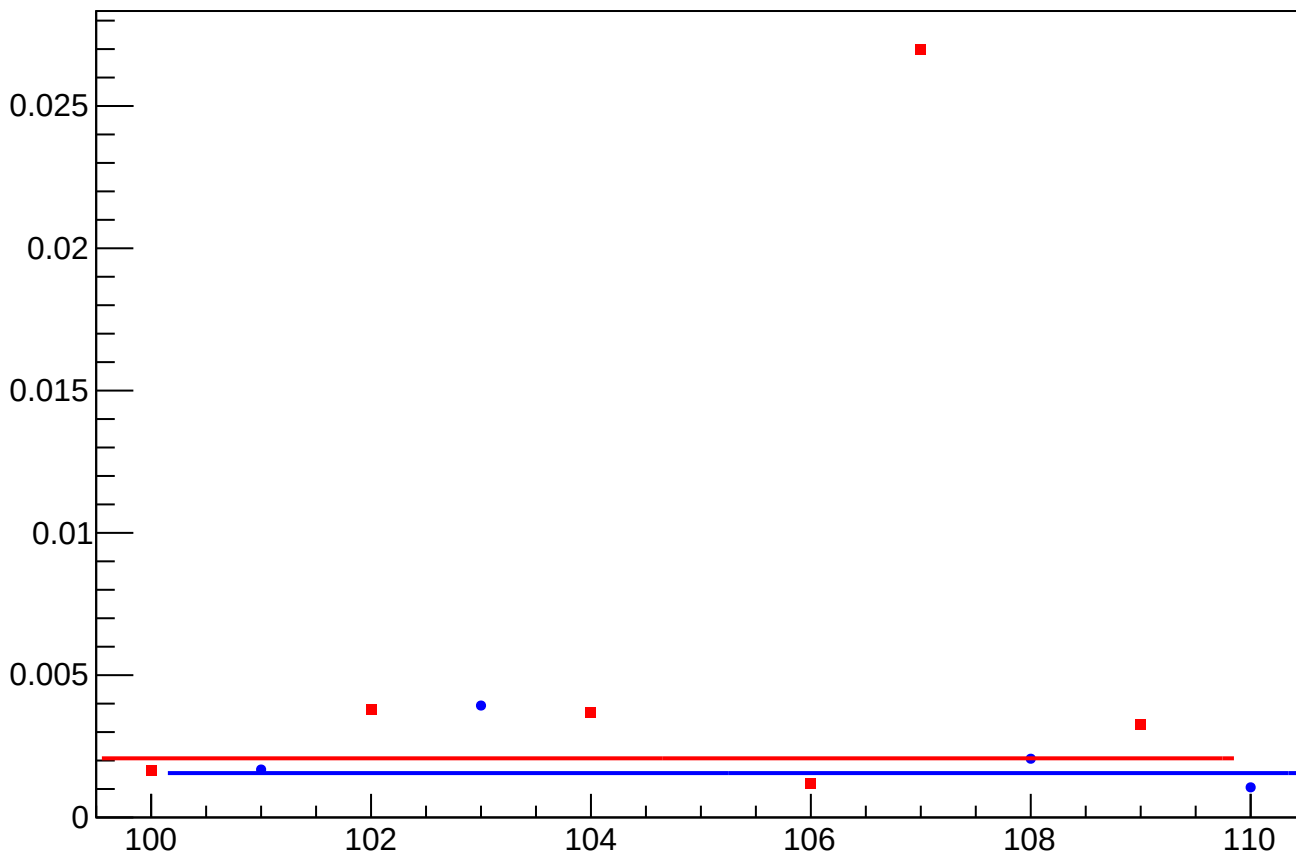
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 6.7/9

In: -0.000 $\pm$ 0.000 χ^2/NDF : 1.2/3

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

All: -0.000 $\pm$ 0.000 χ^2/NDF : 6.7/9

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 661484.9/3

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

Right Out: 0.002+/-0.000 χ^2/NDF : 1331374.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

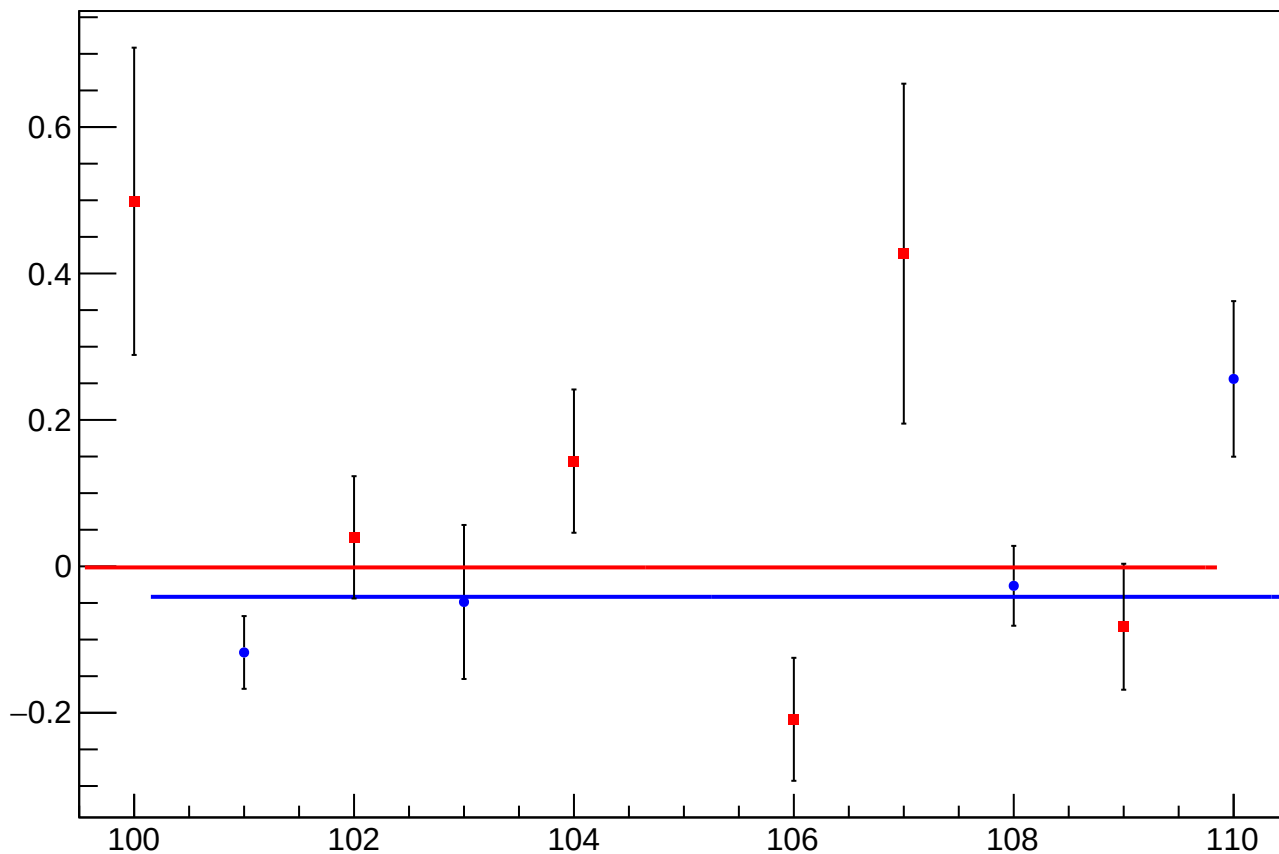
Right: 0.002+/-0.000 χ^2/NDF : 2122290.9/9

In: 0.002+/-0.000 χ^2/NDF : 661484.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2122290.9/9

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.033 χ^2 /NDF: 10.3/3

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

Right Out: -0.001 $\pm$ 0.042 χ^2 /NDF: 18.5/5

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

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

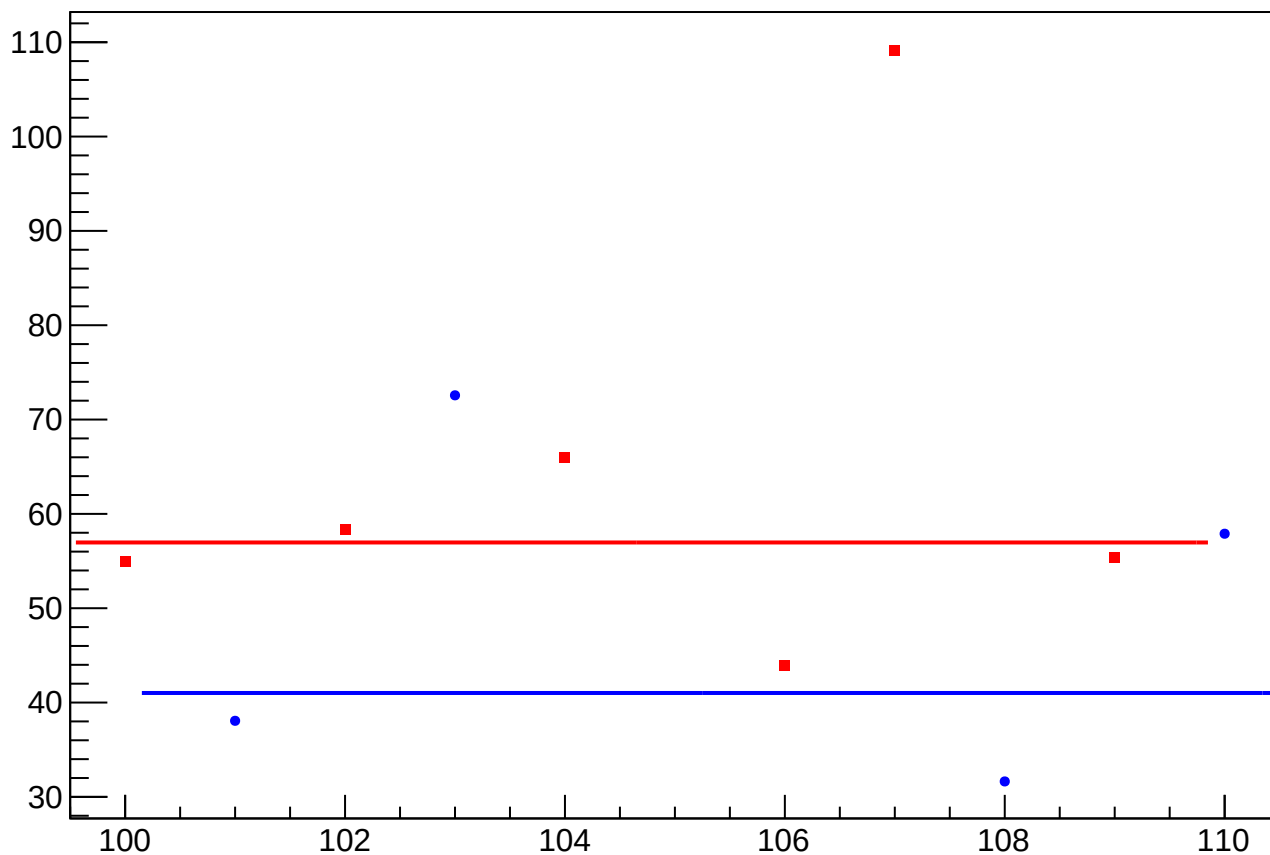
Right: -0.026 $\pm$ 0.026 χ^2 /NDF: 29.4/9

In: -0.042 $\pm$ 0.033 χ^2 /NDF:10.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.026 χ^2 /NDF: 29.4/9

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.015+/-0.023 χ^2/NDF : 296702.1/3

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

Right Out: 56.970+/-0.030 χ^2/NDF : 167308.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

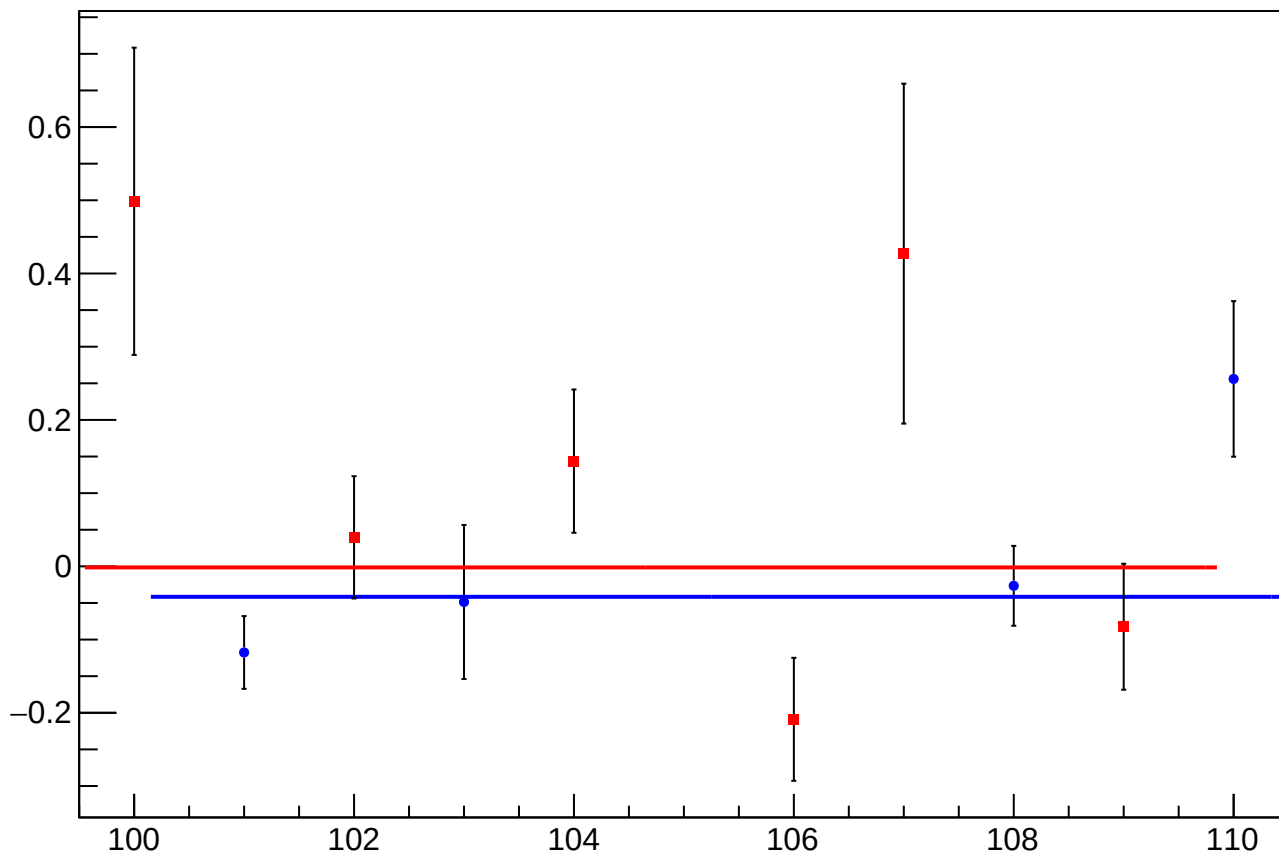
Right: 47.090+/-0.018 χ^2/NDF : 642464.4/9

In: 41.015+/-0.023 χ^2/NDF : 296702.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.090+/-0.018 χ^2/NDF : 642464.4/9

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.033 χ^2 /NDF: 10.3/3

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

Right Out: -0.001 $\pm$ 0.042 χ^2 /NDF: 18.5/5

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

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

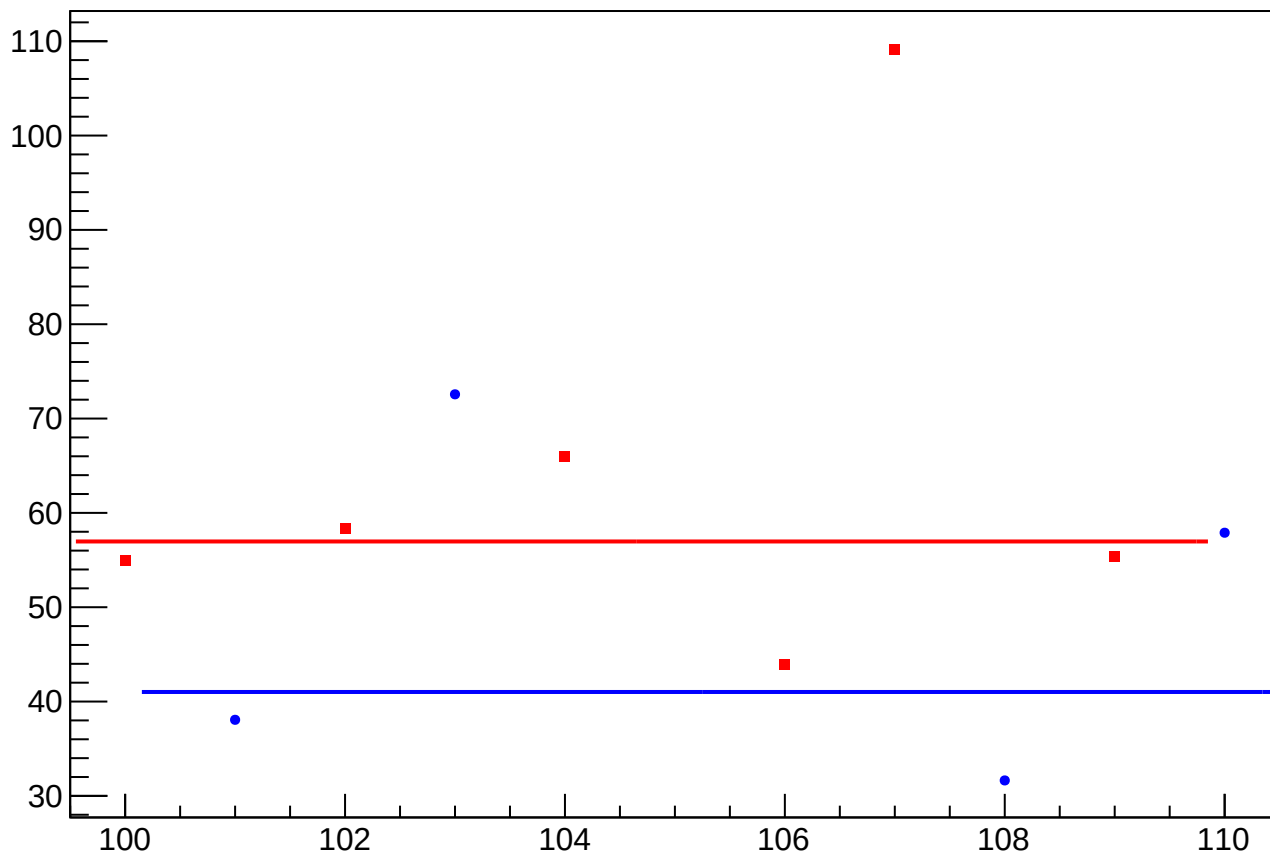
Right: -0.026 $\pm$ 0.026 χ^2 /NDF: 29.4/9

In: -0.042 $\pm$ 0.033 χ^2 /NDF:10.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.026 χ^2 /NDF: 29.4/9

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.015+/-0.023 χ^2/NDF : 296702.1/3

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

Right Out: 56.970+/-0.030 χ^2/NDF : 167308.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

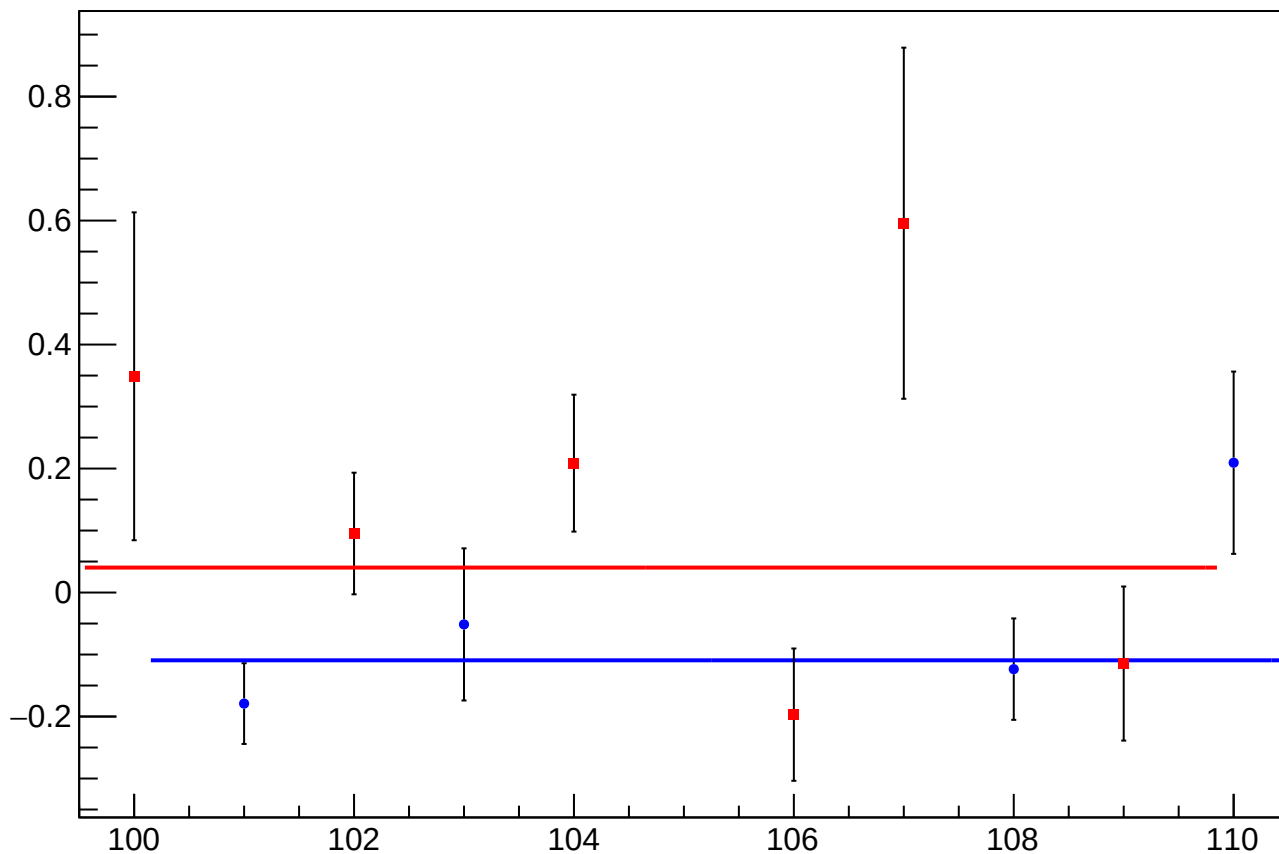
Right: 47.090+/-0.018 χ^2/NDF : 642464.4/9

In: 41.015+/-0.023 χ^2/NDF : 296702.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.090+/-0.018 χ^2/NDF : 642464.4/9

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.109 ± 0.045 χ^2/NDF : 6.1/3

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

Right Out: 0.040 ± 0.052 χ^2/NDF : 14.3/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

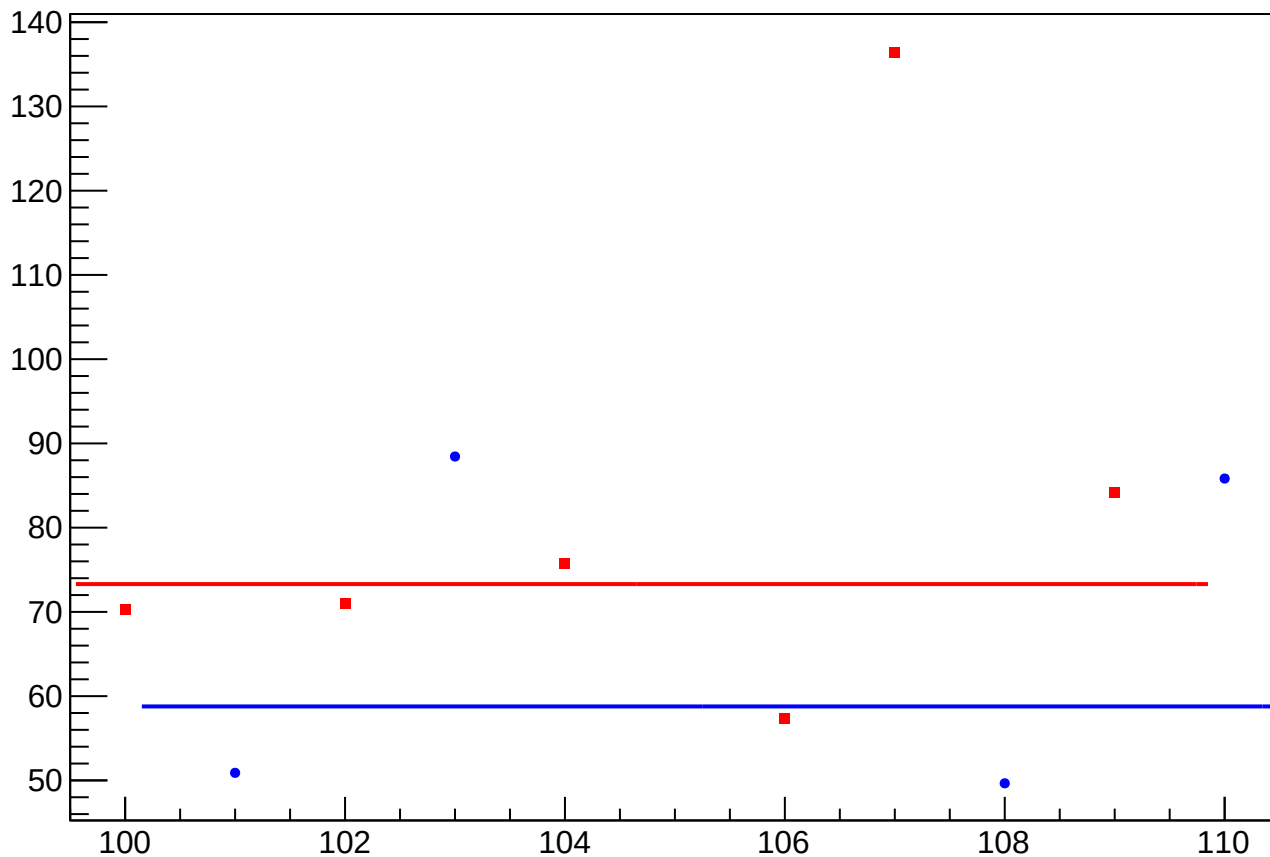
Right: -0.046 ± 0.034 χ^2/NDF : 25.2/9

In: -0.109 ± 0.045 χ^2/NDF : 6.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.046 ± 0.034 χ^2/NDF : 25.2/9

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.778+/-0.032 χ^2/NDF : 238813.7/3

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

Right Out: 73.302+/-0.037 χ^2/NDF : 161969.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

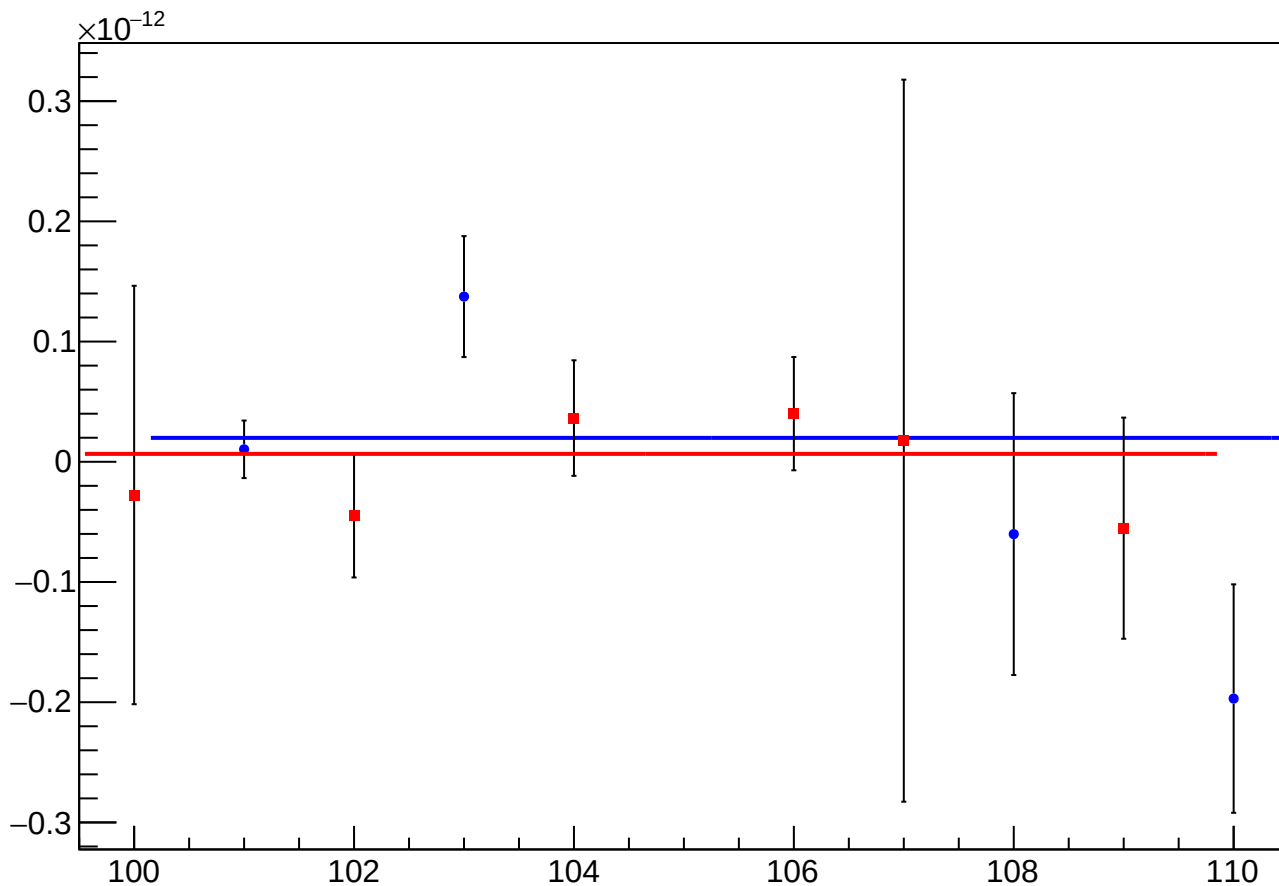
Right: 64.924+/-0.024 χ^2/NDF : 489672.6/9

In: 58.778+/-0.032 χ^2/NDF : 238813.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.924+/-0.024 χ^2/NDF : 489672.6/9

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.3/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

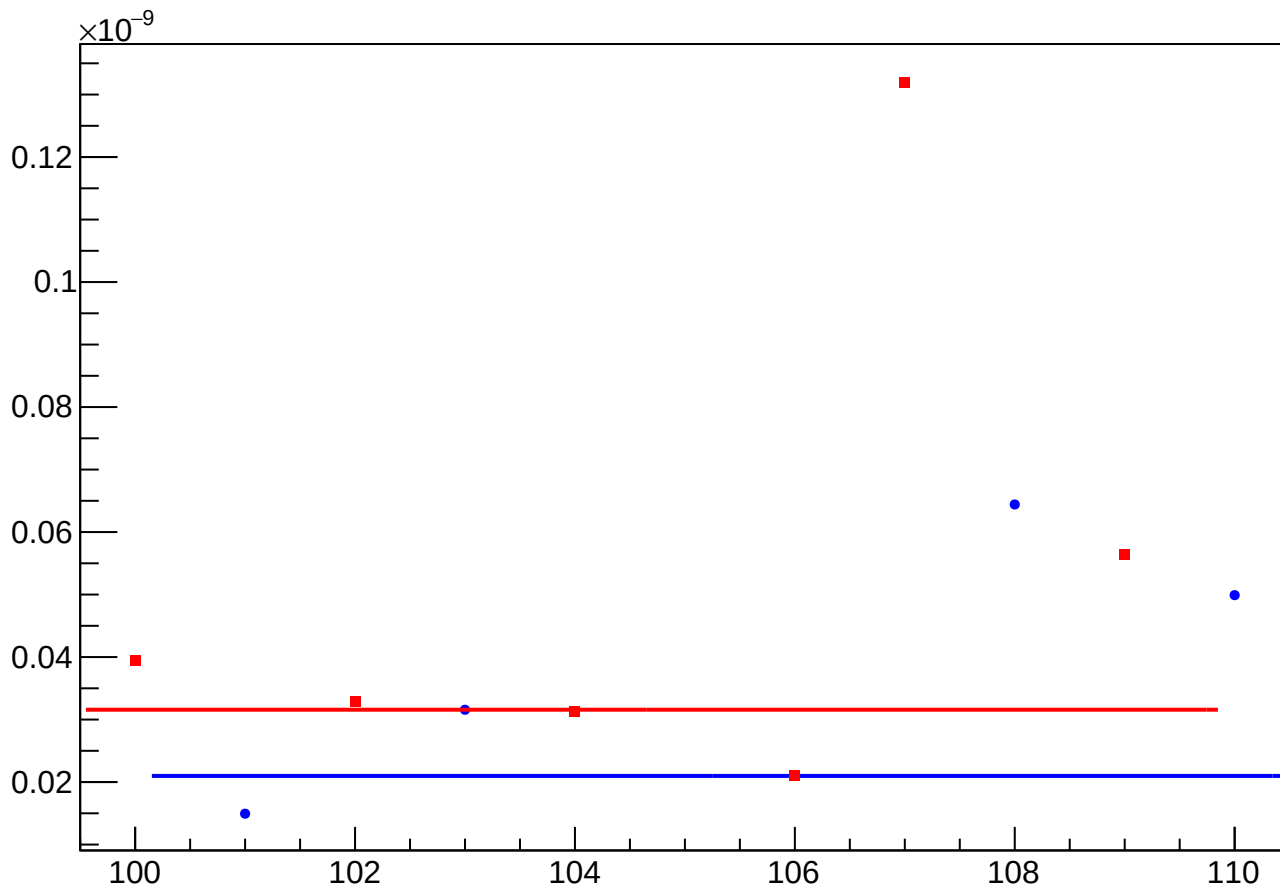
Right: 0.000+/-0.000 χ^2/NDF : 13.8/9

In: 0.000+/-0.000 χ^2/NDF : 11.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.8/9

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 675915.7/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 472900.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

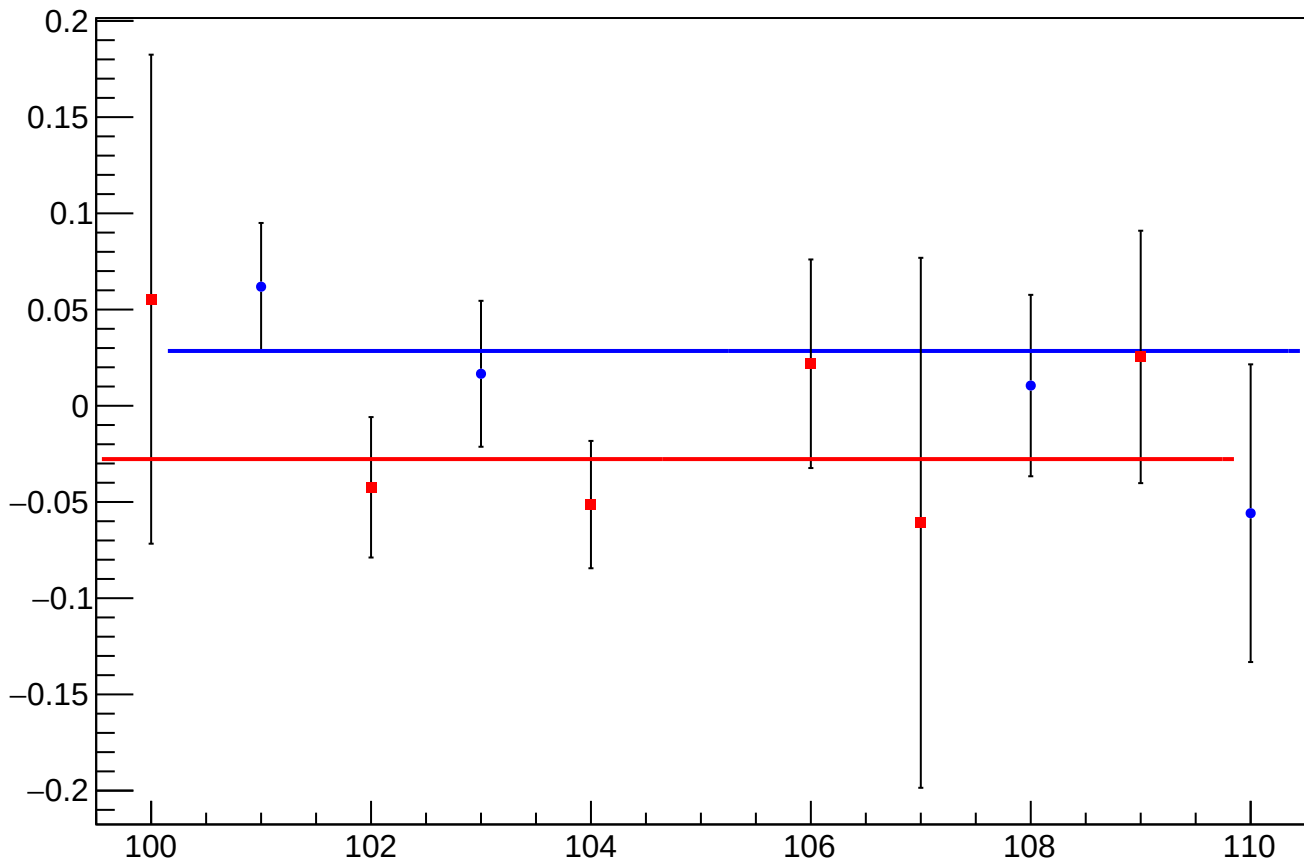
Right: 0.000+/-0.000 χ^2/NDF : 1347285.0/9

In: 0.000+/-0.000 χ^2/NDF : 675915.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1347285.0/9

asym_usl_overload_cor_vs_slug, Sign Corrected



Right In: 0.028 $\pm$ 0.021 χ^2 /NDF: 2.4/3

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

Right Out: -0.028 $\pm$ 0.021 χ^2 /NDF: 2.6/5

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

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

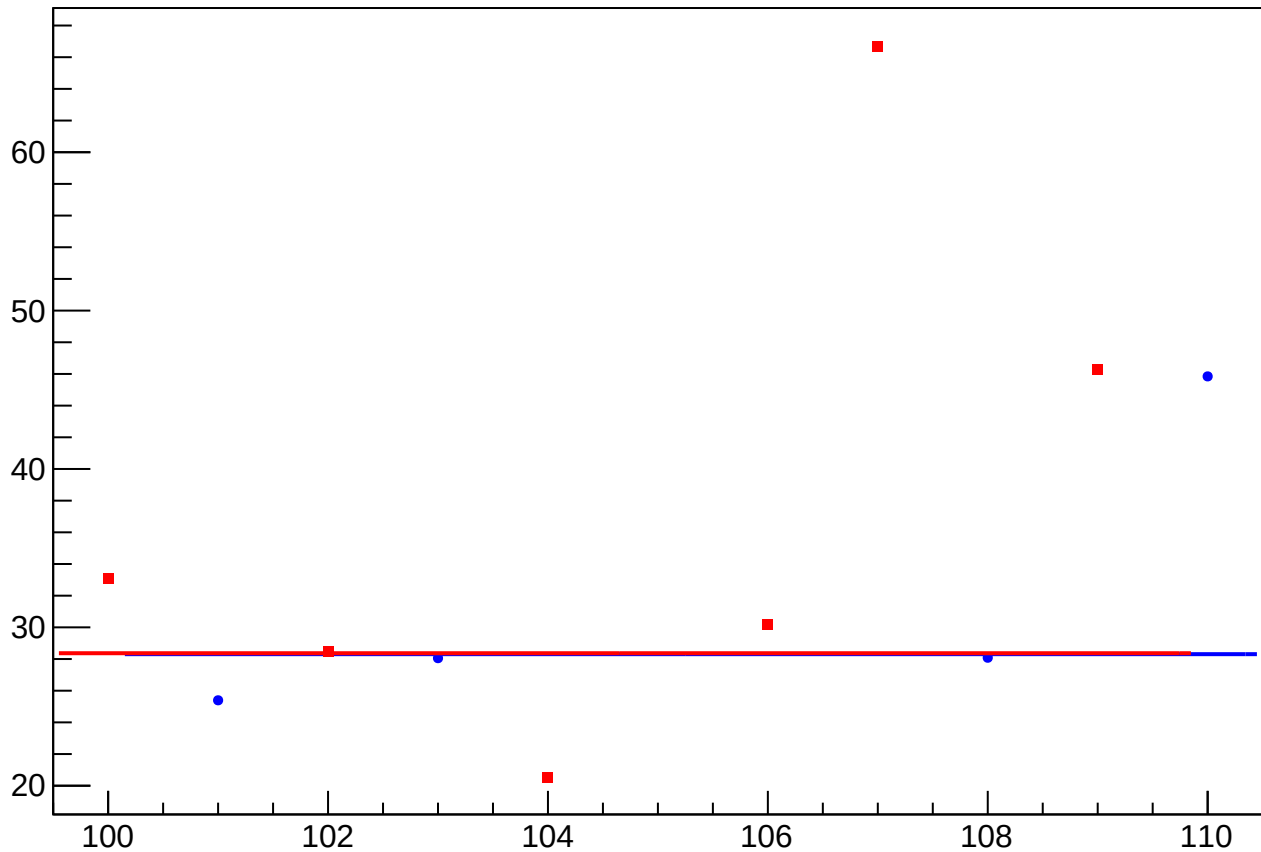
Right: -0.000 $\pm$ 0.015 χ^2 /NDF: 8.7/9

In: 0.028 $\pm$ 0.021 χ^2 /NDF:2.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.015 χ^2 /NDF: 8.7/9

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.307+/-0.015 χ^2/NDF : 118415.5/3

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

Right Out: 28.366+/-0.015 χ^2/NDF : 421841.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

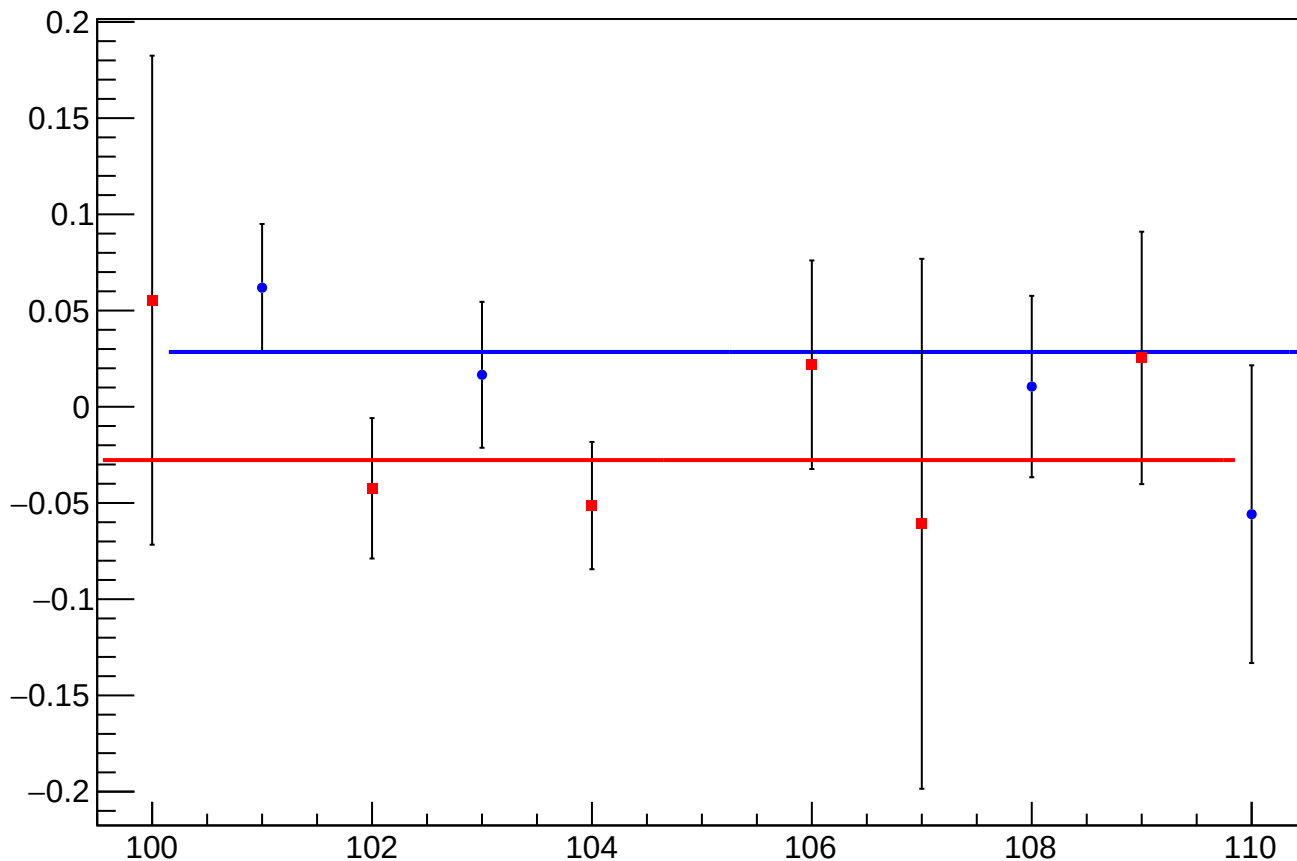
Right: 28.337+/-0.010 χ^2/NDF : 540265.1/9

In: 28.307+/-0.015 χ^2/NDF : 118415.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.337+/-0.010 χ^2/NDF : 540265.1/9

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.021 χ^2 /NDF: 2.4/3

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

Right Out: -0.028 $\pm$ 0.021 χ^2 /NDF: 2.6/5

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

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

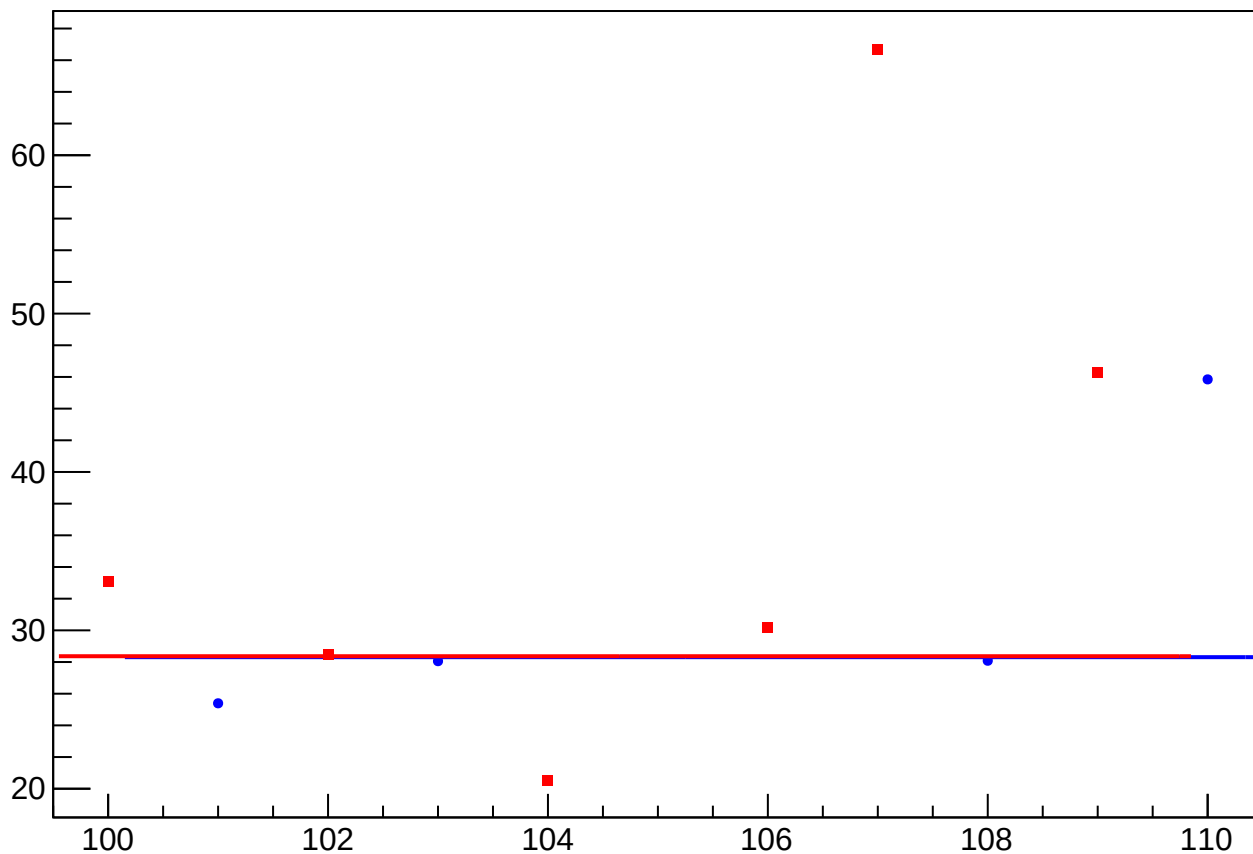
Right: -0.000 $\pm$ 0.015 χ^2 /NDF: 8.7/9

In: 0.028 $\pm$ 0.021 χ^2 /NDF:2.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.015 χ^2 /NDF: 8.7/9

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.307+/-0.015 χ^2/NDF : 118415.5/3

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

Right Out: 28.366+/-0.015 χ^2/NDF : 421841.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

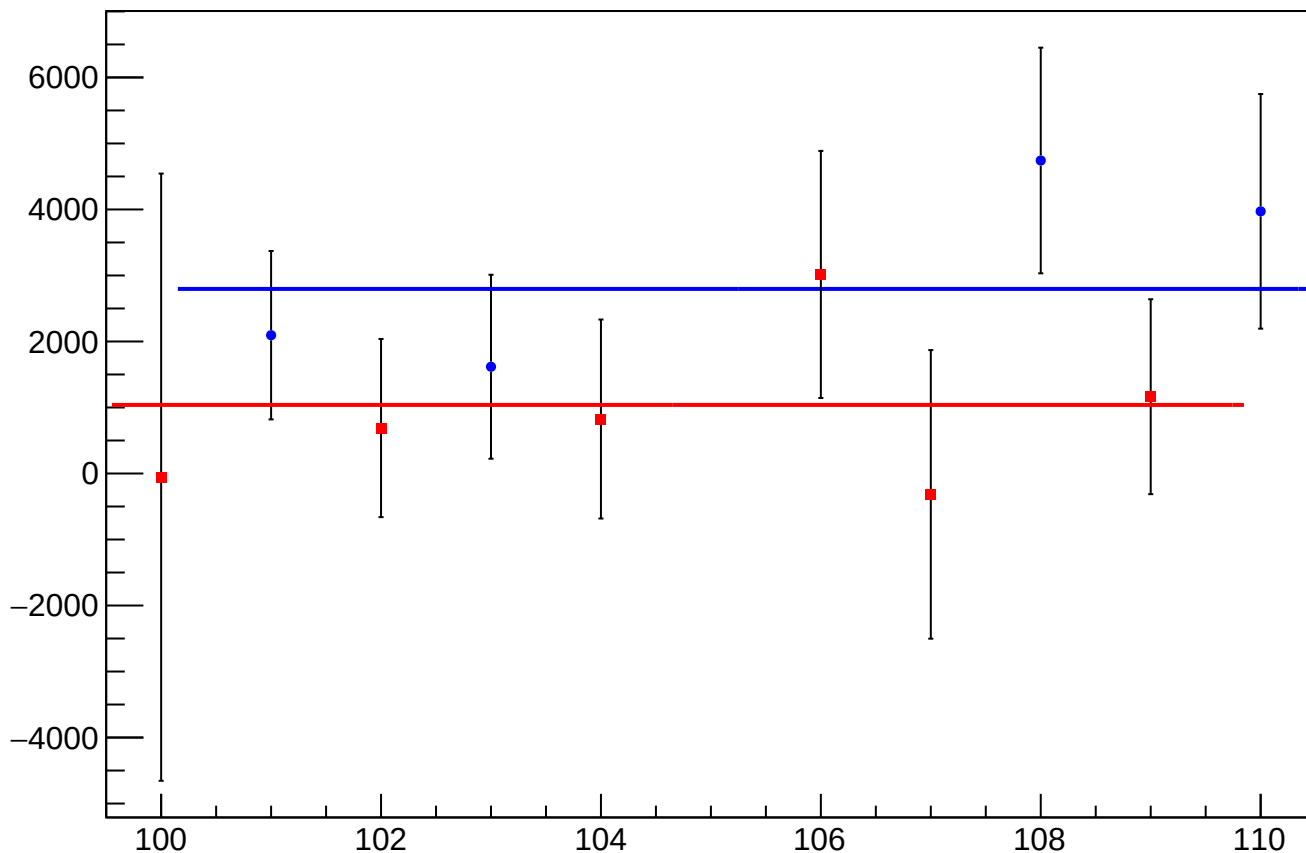
Right: 28.337+/-0.010 χ^2/NDF : 540265.1/9

In: 28.307+/-0.015 χ^2/NDF : 118415.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.337+/-0.010 χ^2/NDF : 540265.1/9

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2796.332 $\pm$ 747.751 χ^2 /NDF: 2.8/3

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

Right Out: 1038.804 $\pm$ 708.915 χ^2 /NDF: 1.7/5

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

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

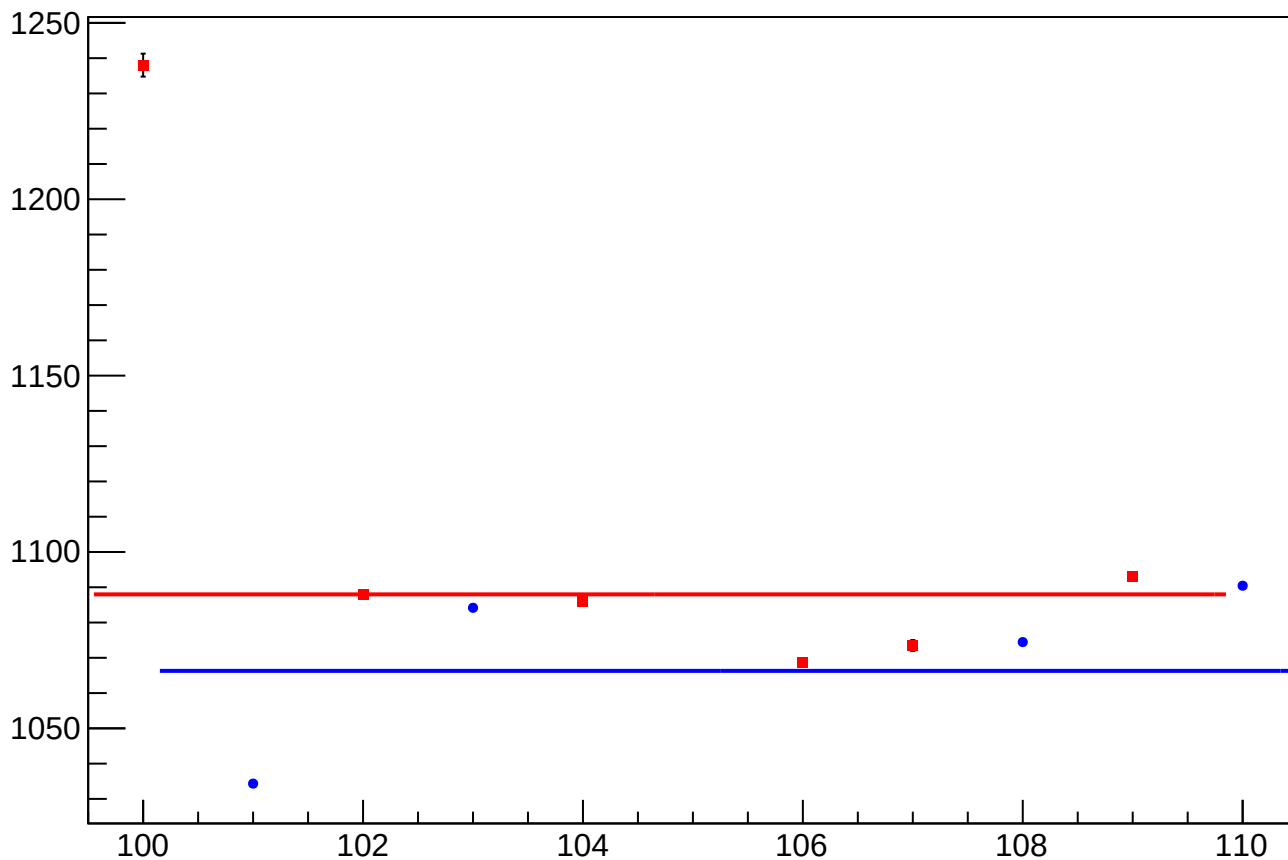
Right: 1870.744 $\pm$ 514.460 χ^2 /NDF: 7.3/9

In: 2796.332 $\pm$ 747.751 χ^2 /NDF: 2.8/3

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

All: 1870.744 $\pm$ 514.460 χ^2 /NDF: 7.3/9

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1066.297+/-0.529 χ^2/NDF : 2000.0/3

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

Right Out: 1087.984+/-0.501 χ^2/NDF : 2458.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

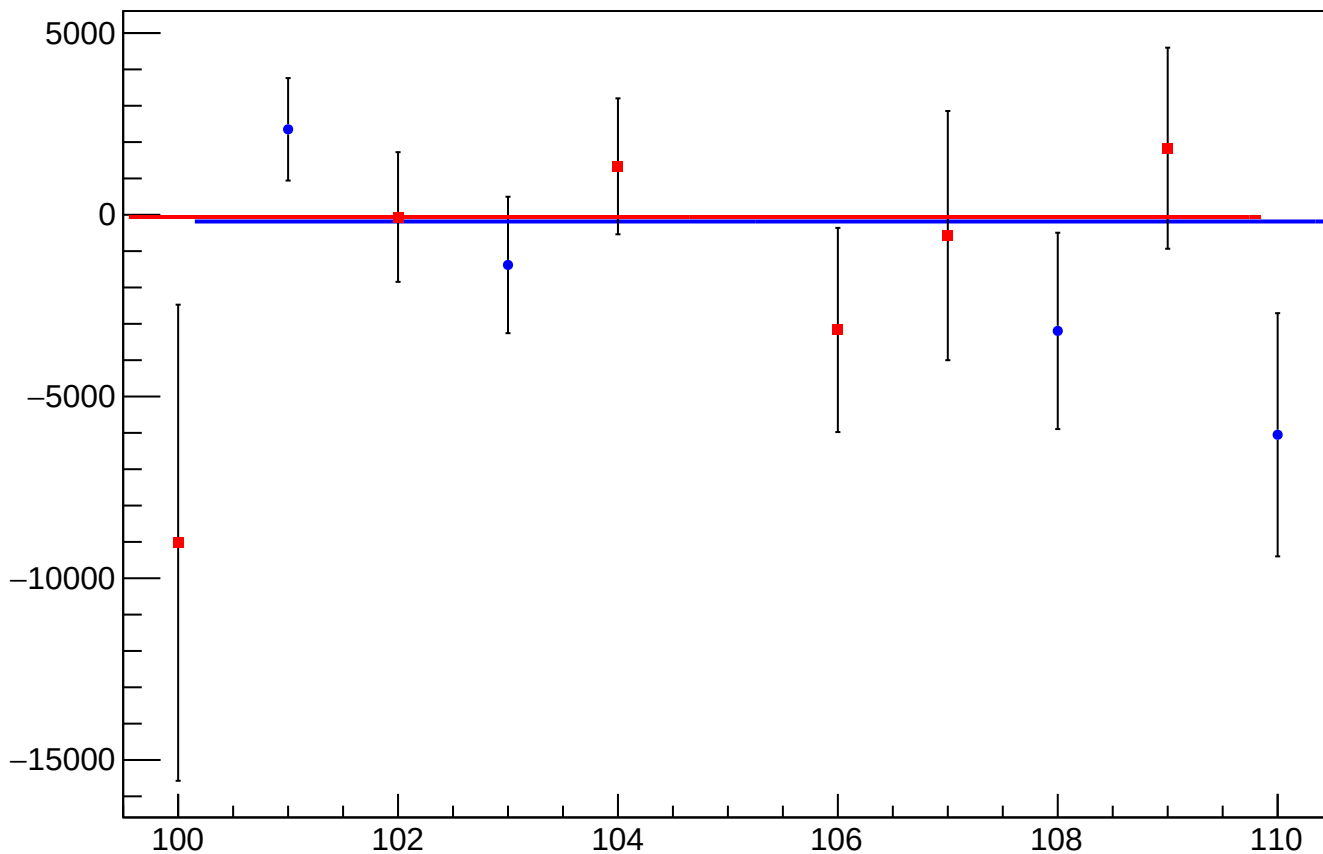
Right: 1077.718+/-0.364 χ^2/NDF : 5344.8/9

In: 1066.297+/-0.529 χ^2/NDF : 2000.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1077.718+/-0.364 χ^2/NDF : 5344.8/9

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: -184.325+/-993.379 χ^2/NDF : 8.0/3

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

Right Out: -60.931+/-1017.427 χ^2/NDF : 4.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

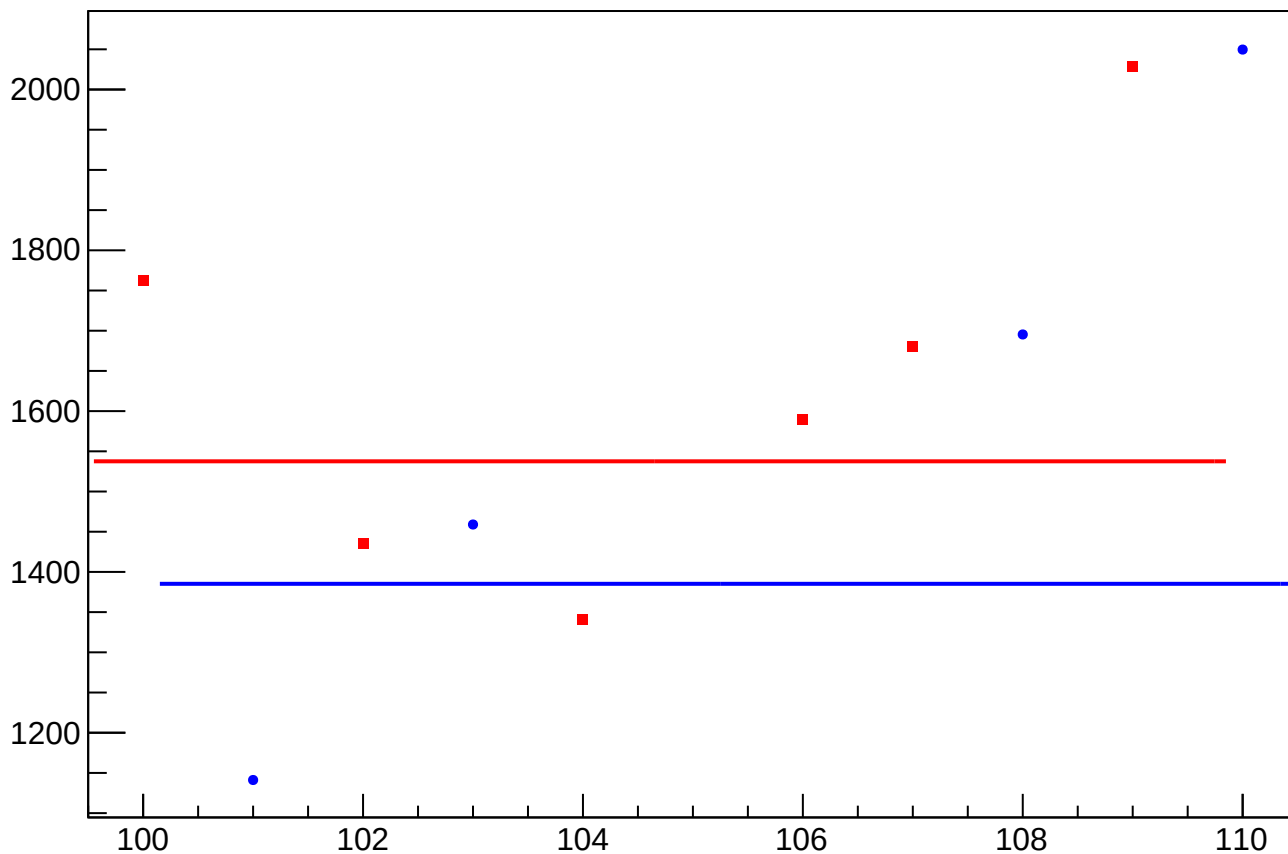
Right: -124.103+/-710.775 χ^2/NDF : 12.1/9

In: -184.325+/-993.379 χ^2/NDF : 8.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.103+/-710.775 χ^2/NDF : 12.1/9

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1385.210+/-0.702 χ^2/NDF : 168259.5/3

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

Right Out: 1537.573+/-0.719 χ^2/NDF : 98066.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

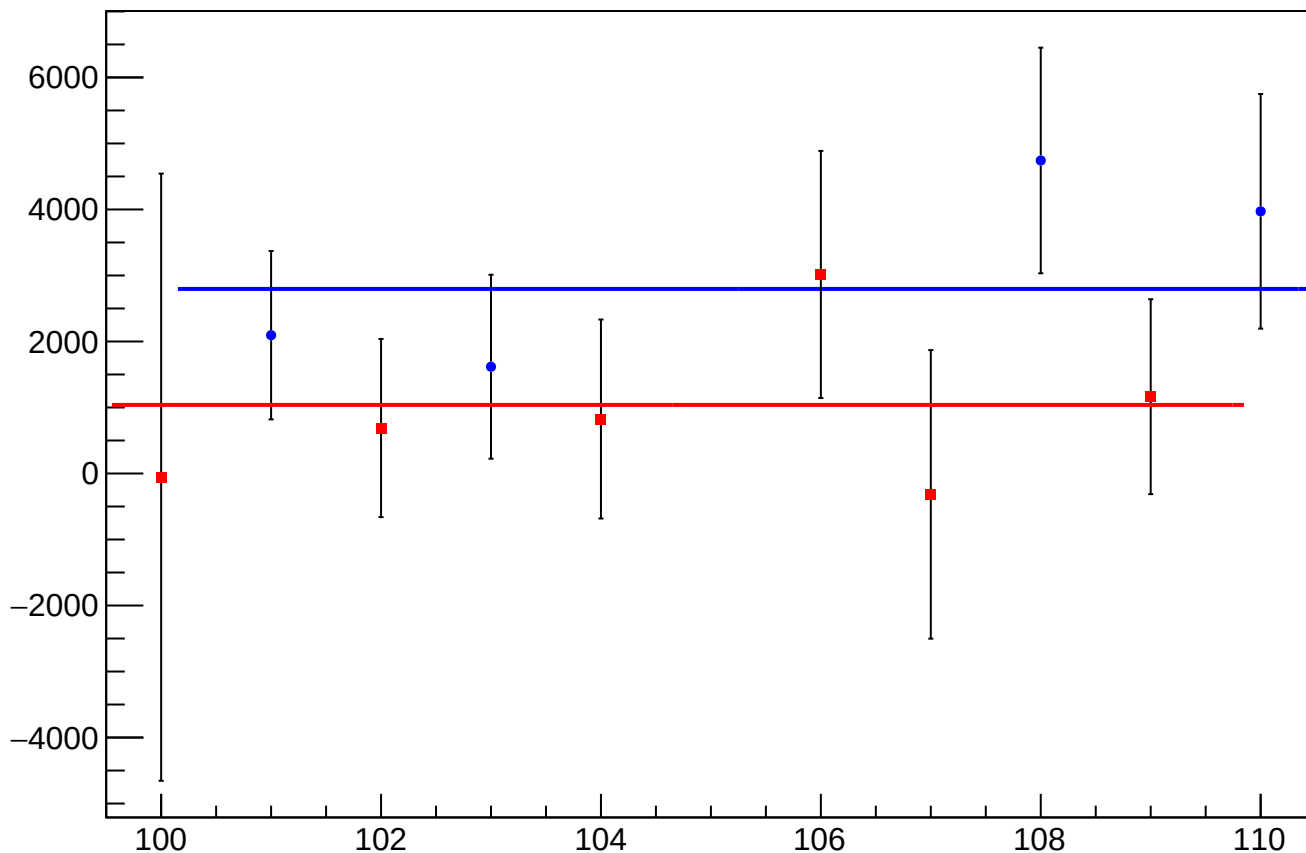
Right: 1459.570+/-0.503 χ^2/NDF : 289288.7/9

In: 1385.210+/-0.702 χ^2/NDF : 168259.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.570+/-0.503 χ^2/NDF : 289288.7/9

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2796.332 $\pm$ 747.751 χ^2 /NDF: 2.8/3

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

Right Out: 1038.804 $\pm$ 708.915 χ^2 /NDF: 1.7/5

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

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

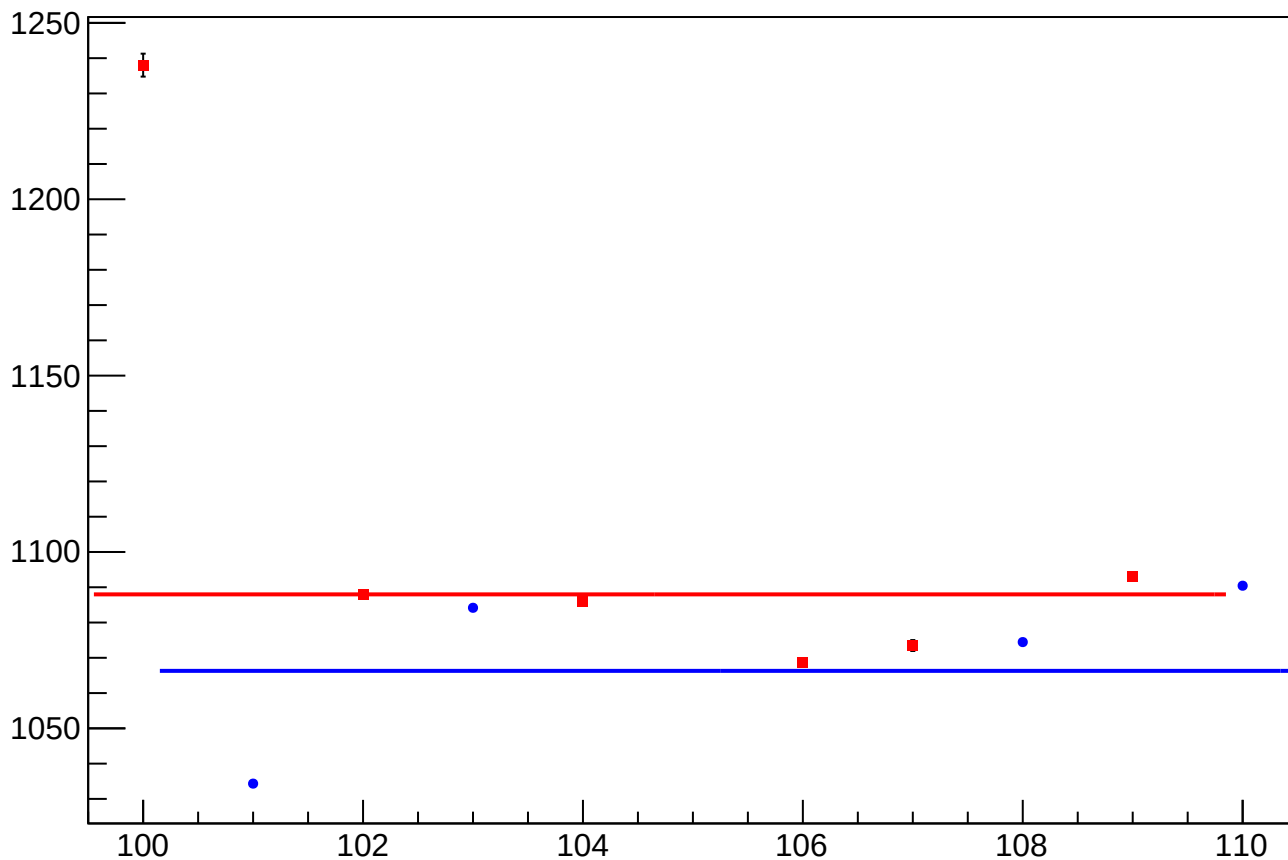
Right: 1870.744 $\pm$ 514.460 χ^2 /NDF: 7.3/9

In: 2796.332 $\pm$ 747.751 χ^2 /NDF: 2.8/3

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

All: 1870.744 $\pm$ 514.460 χ^2 /NDF: 7.3/9

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1066.297+/-0.529 χ^2/NDF : 2000.0/3

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

Right Out: 1087.984+/-0.501 χ^2/NDF : 2458.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

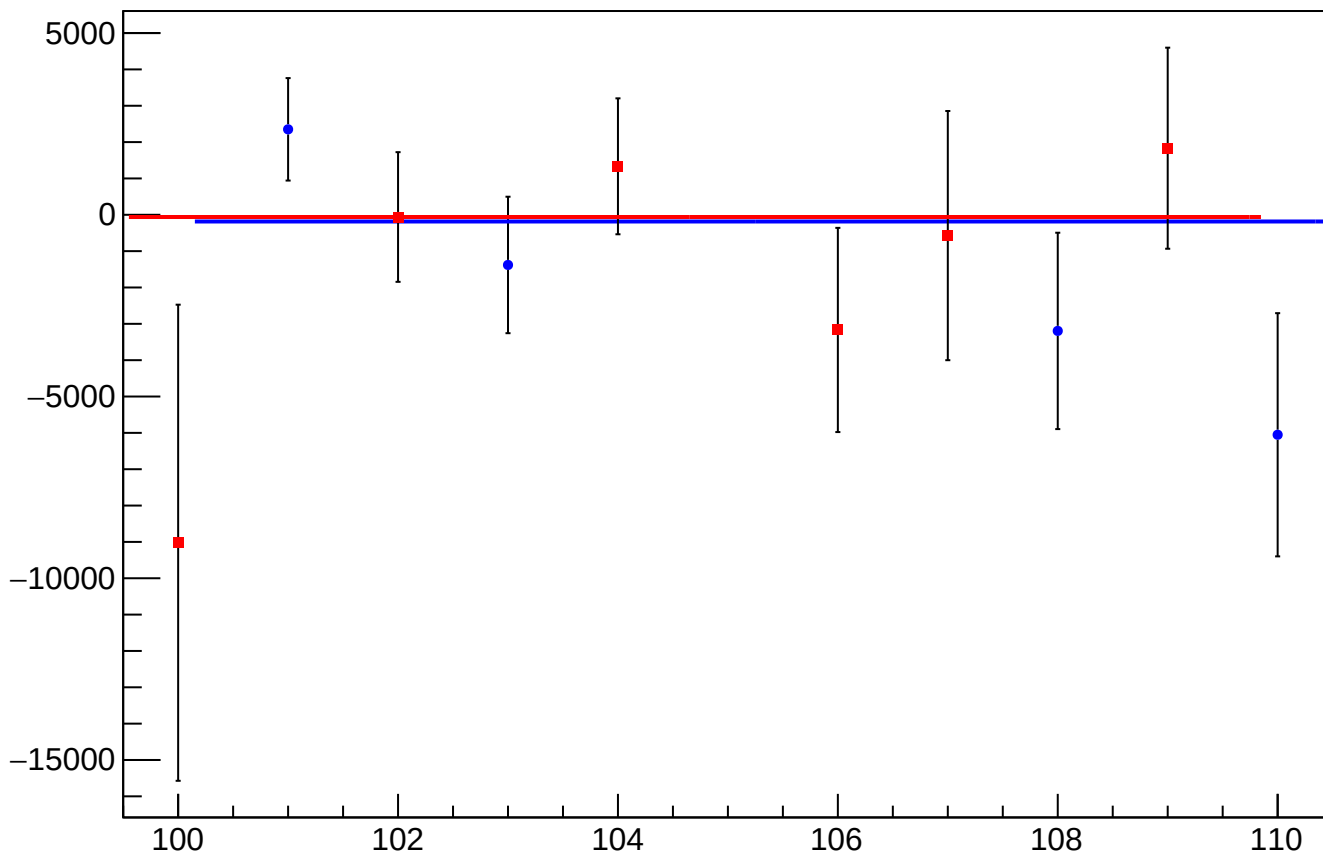
Right: 1077.718+/-0.364 χ^2/NDF : 5344.8/9

In: 1066.297+/-0.529 χ^2/NDF : 2000.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1077.718+/-0.364 χ^2/NDF : 5344.8/9

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: -184.325+/-993.379 χ^2/NDF : 8.0/3

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

Right Out: -60.931+/-1017.427 χ^2/NDF : 4.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

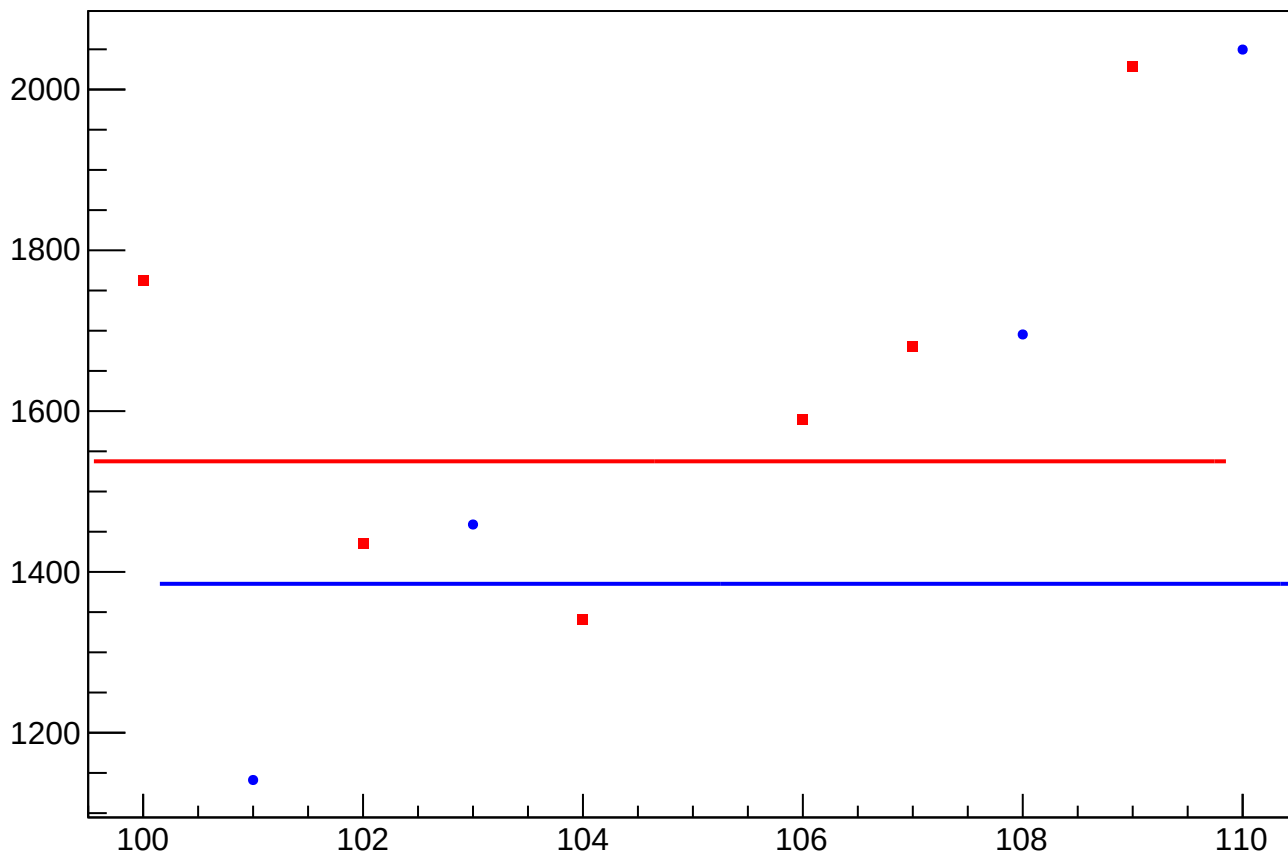
Right: -124.103+/-710.775 χ^2/NDF : 12.1/9

In: -184.325+/-993.379 χ^2/NDF : 8.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.103+/-710.775 χ^2/NDF : 12.1/9

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1385.210+/-0.702 χ^2/NDF : 168259.5/3

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

Right Out: 1537.573+/-0.719 χ^2/NDF : 98066.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

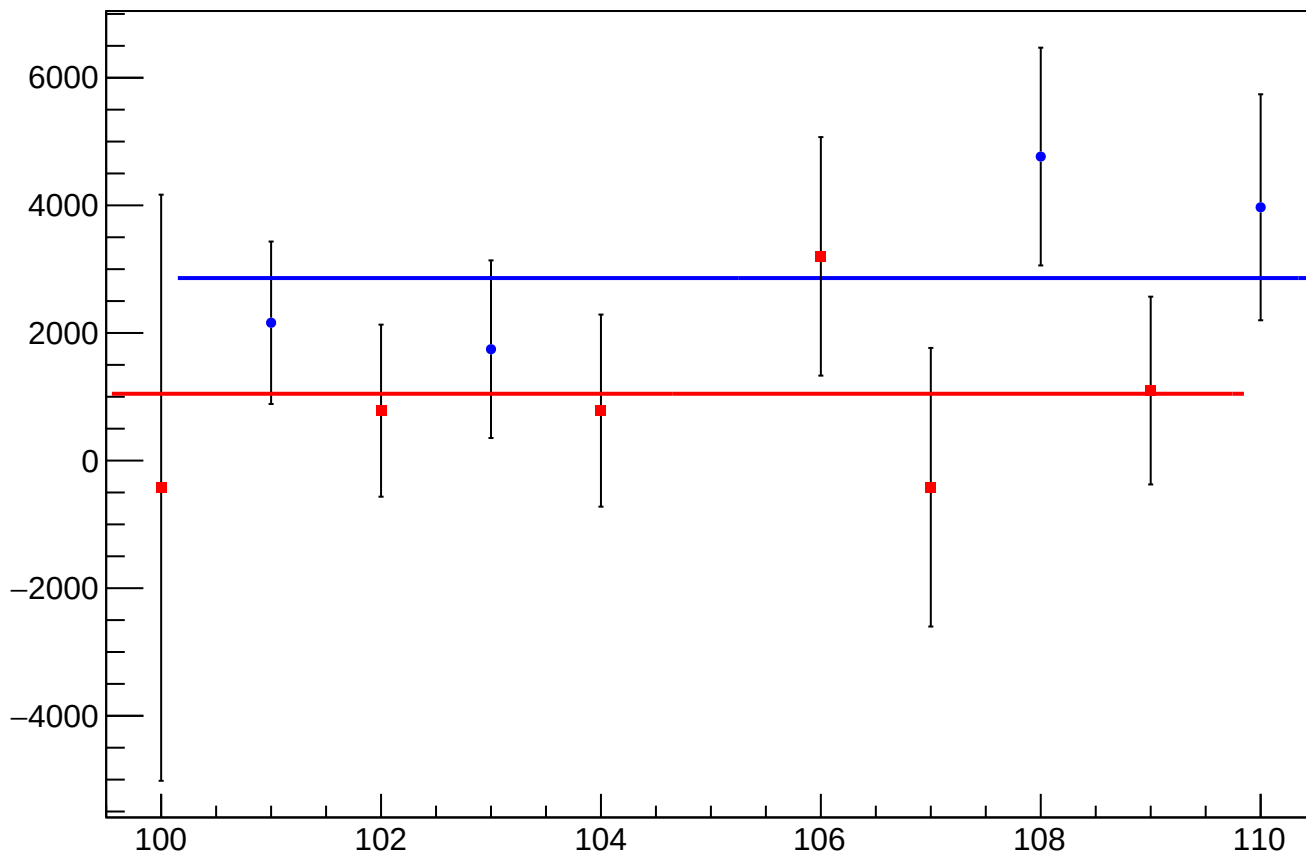
Right: 1459.570+/-0.503 χ^2/NDF : 289288.7/9

In: 1385.210+/-0.702 χ^2/NDF : 168259.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.570+/-0.503 χ^2/NDF : 289288.7/9

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2860.562 $\pm$ 746.333 χ^2 /NDF: 2.6/3

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

Right Out: 1047.255 $\pm$ 707.723 χ^2 /NDF: 2.0/5

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

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

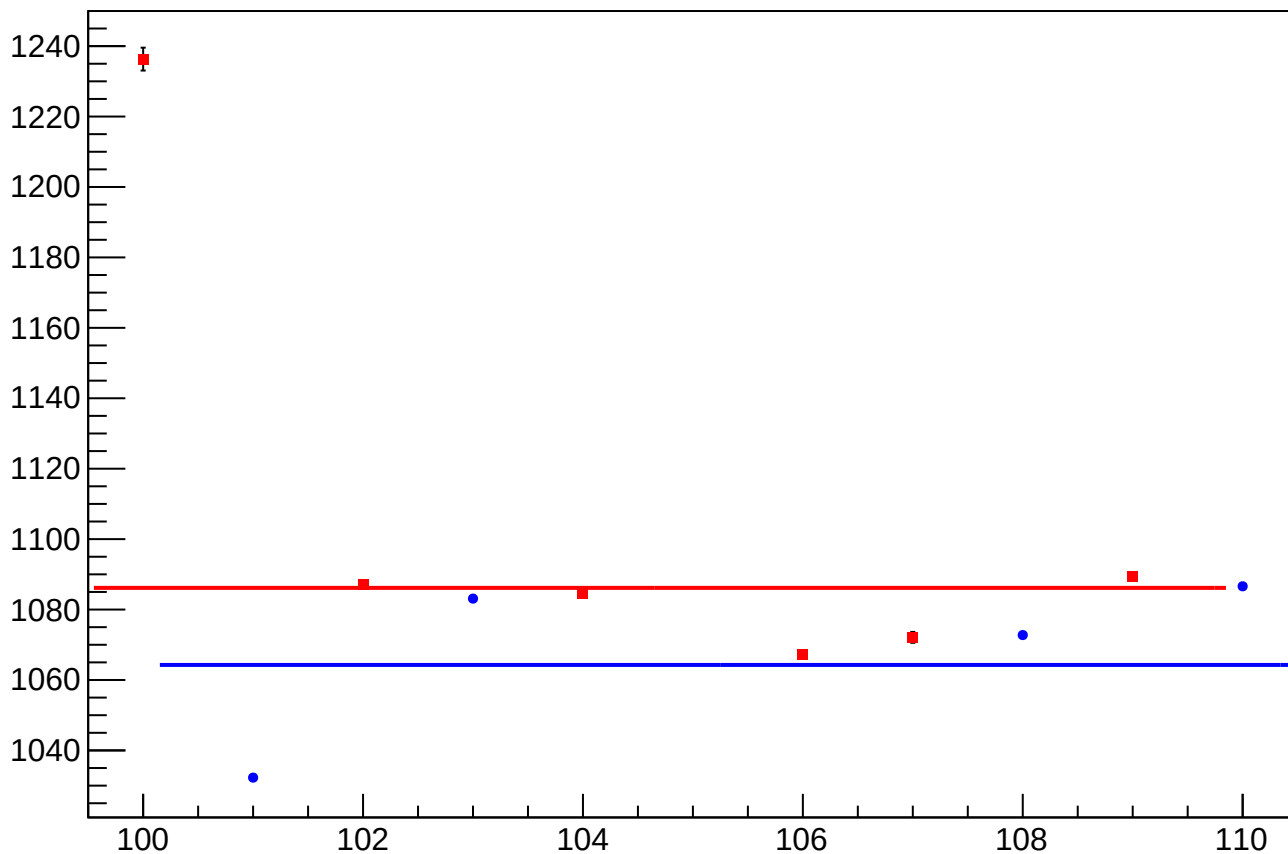
Right: 1905.793 $\pm$ 513.543 χ^2 /NDF: 7.6/9

In: 2860.562 $\pm$ 746.333 χ^2 /NDF: 2.6/3

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

All: 1905.793 $\pm$ 513.543 χ^2 /NDF: 7.6/9

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1064.276+/-0.528 χ^2/NDF : 1997.3/3

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

Right Out: 1086.158+/-0.500 χ^2/NDF : 2439.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

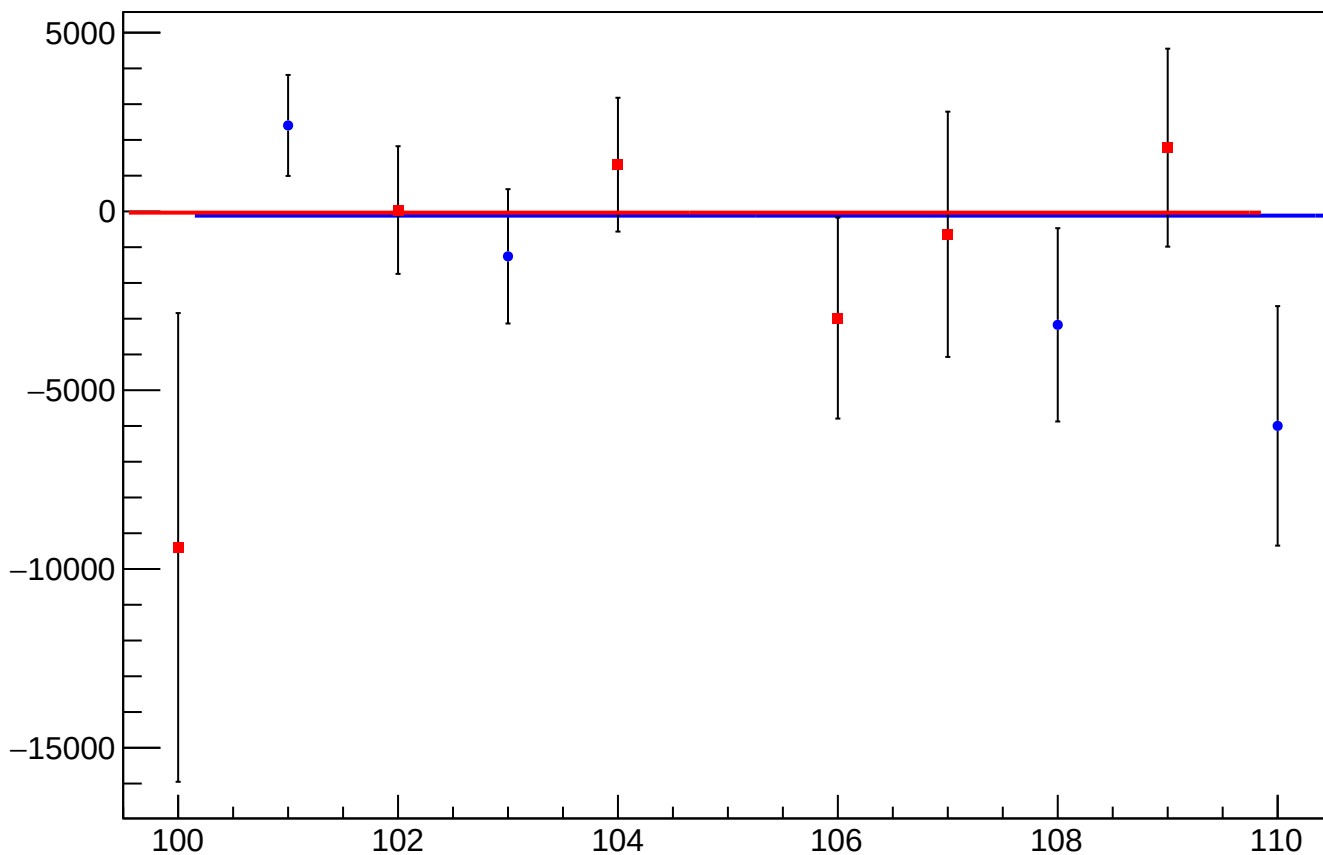
Right: 1075.798+/-0.363 χ^2/NDF : 5341.9/9

In: 1064.276+/-0.528 χ^2/NDF : 1997.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1075.798+/-0.363 χ^2/NDF : 5341.9/9

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -117.145+/-994.520 χ^2/NDF : 7.9/3

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

Right Out: -33.600+/-1018.119 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

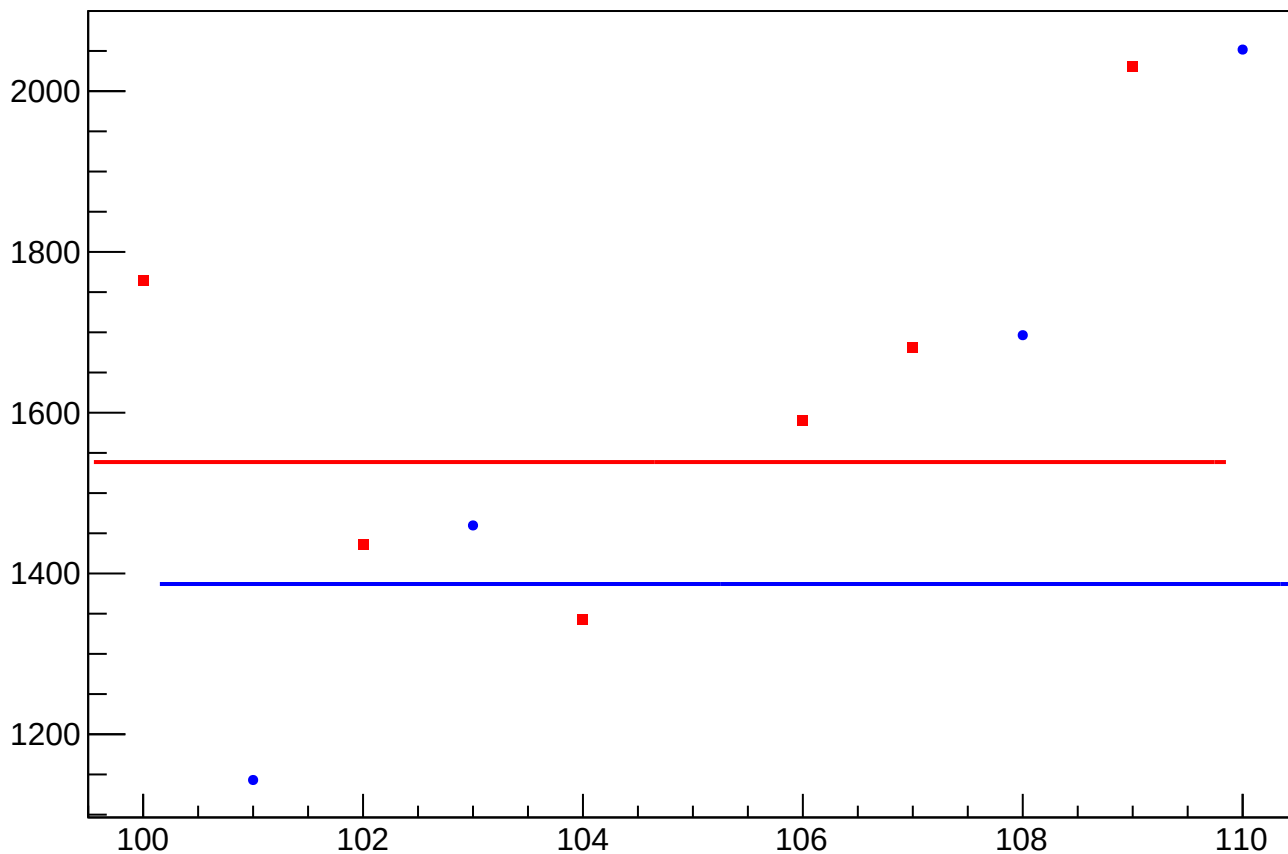
Right: -76.352+/-711.429 χ^2/NDF : 12.0/9

In: -117.145+/-994.520 χ^2/NDF :7.9/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -76.352+/-711.429 χ^2/NDF : 12.0/9

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1386.912+/-0.703 χ^2/NDF : 167670.7/3

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

Right Out: 1538.617+/-0.720 χ^2/NDF : 98127.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

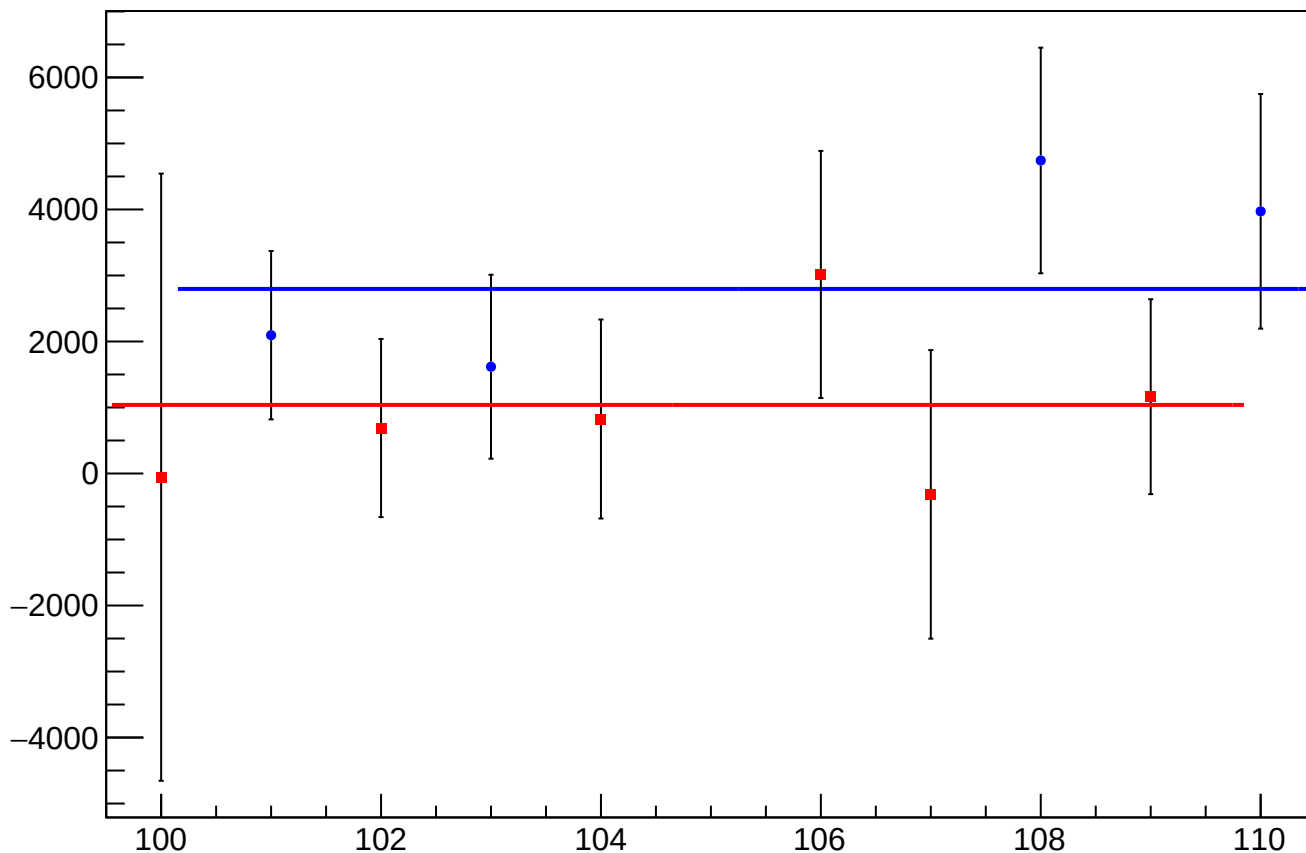
Right: 1460.986+/-0.503 χ^2/NDF : 288521.0/9

In: 1386.912+/-0.703 χ^2/NDF : 167670.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1460.986+/-0.503 χ^2/NDF : 288521.0/9

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2796.332 $\pm$ 747.751 χ^2 /NDF: 2.8/3

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

Right Out: 1038.804 $\pm$ 708.915 χ^2 /NDF: 1.7/5

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

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

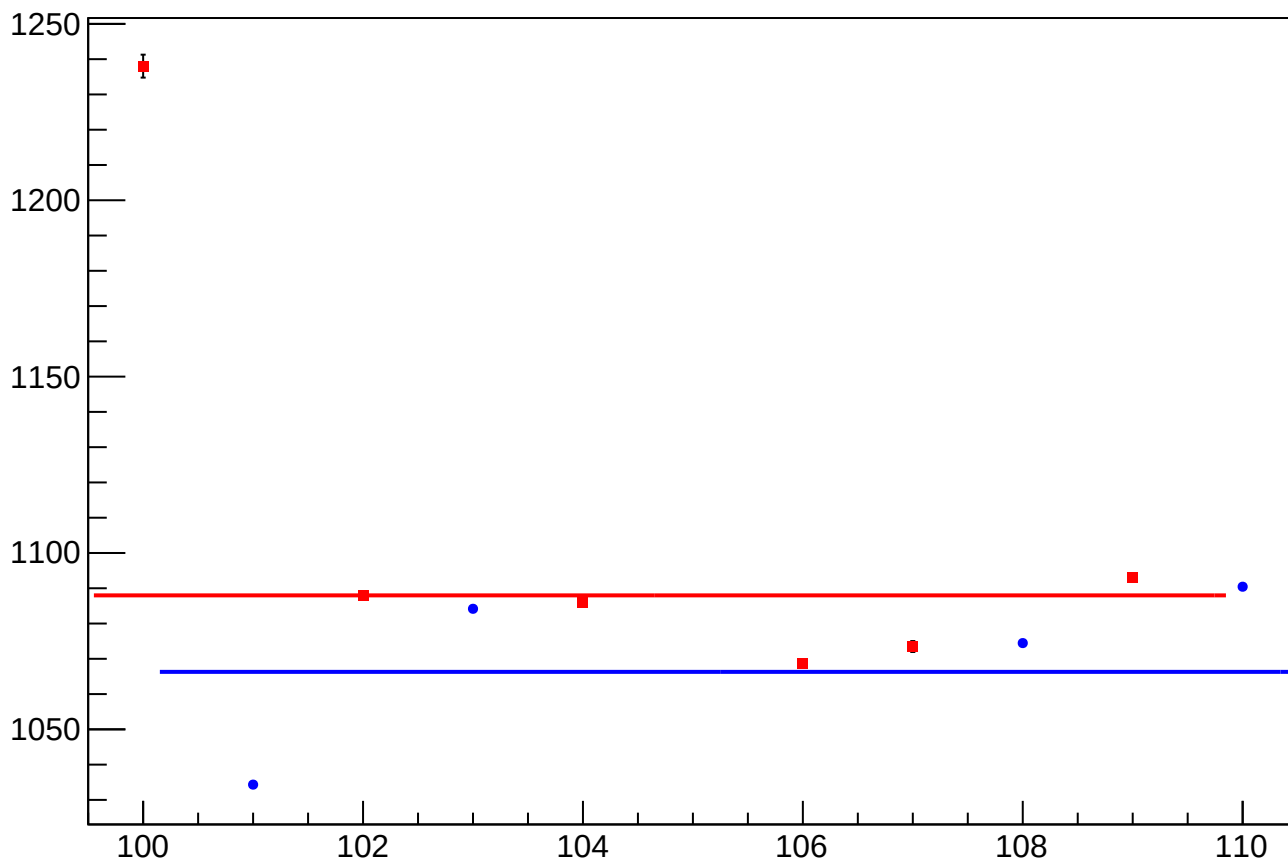
Right: 1870.744 $\pm$ 514.460 χ^2 /NDF: 7.3/9

In: 2796.332 $\pm$ 747.751 χ^2 /NDF: 2.8/3

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

All: 1870.744 $\pm$ 514.460 χ^2 /NDF: 7.3/9

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1066.297+/-0.529 χ^2/NDF : 2000.0/3

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

Right Out: 1087.984+/-0.501 χ^2/NDF : 2458.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

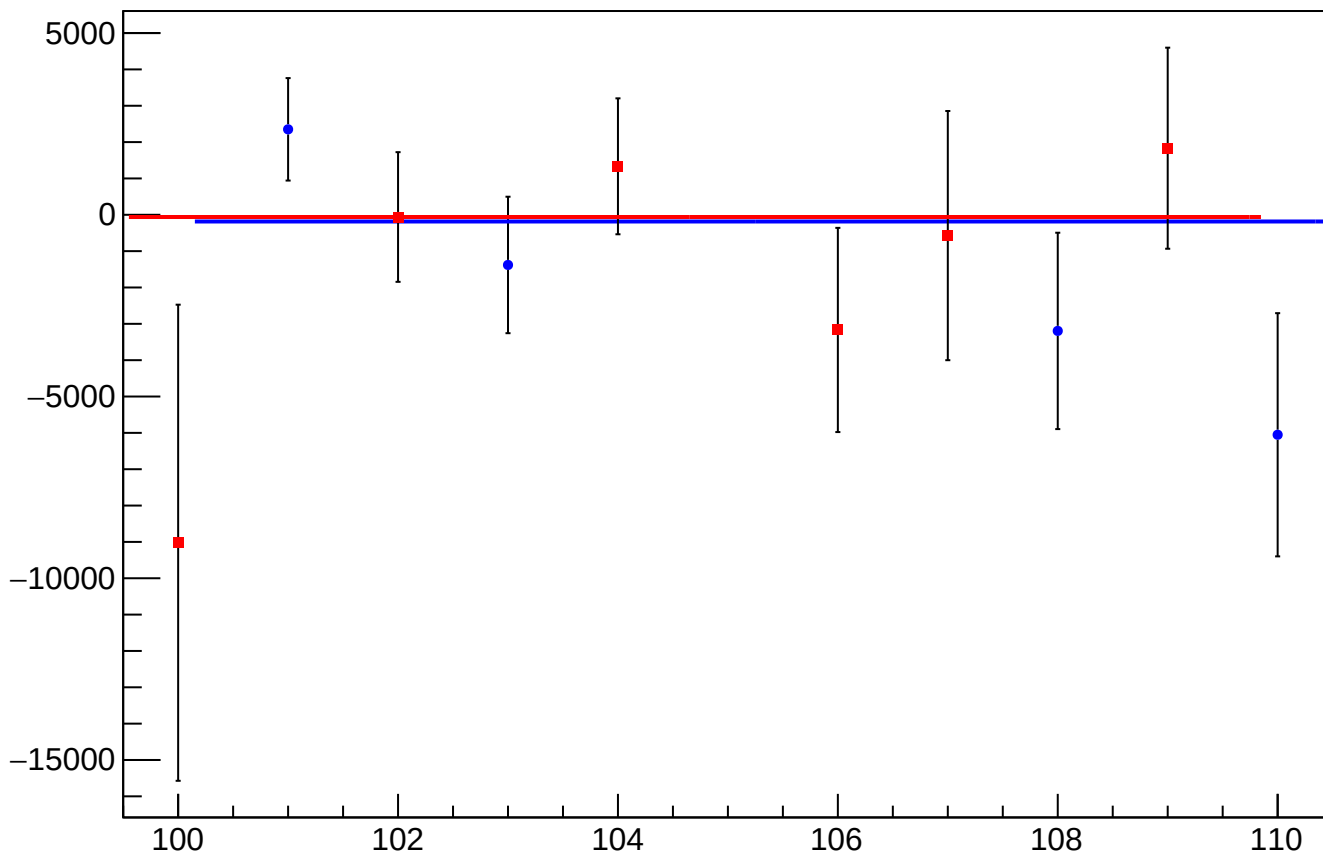
Right: 1077.718+/-0.364 χ^2/NDF : 5344.8/9

In: 1066.297+/-0.529 χ^2/NDF : 2000.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1077.718+/-0.364 χ^2/NDF : 5344.8/9

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -184.325+/-993.379 χ^2/NDF : 8.0/3

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

Right Out: -60.931+/-1017.427 χ^2/NDF : 4.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

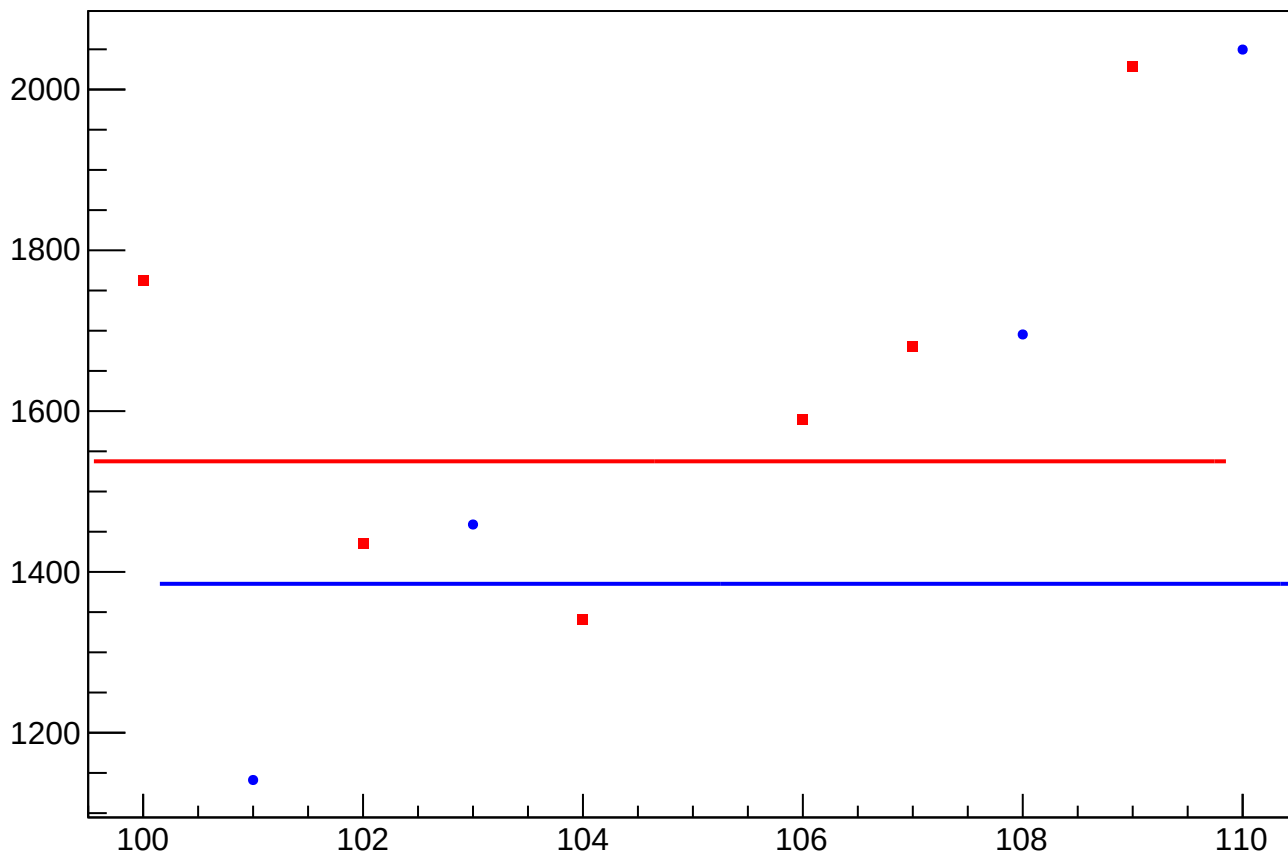
Right: -124.103+/-710.775 χ^2/NDF : 12.1/9

In: -184.325+/-993.379 χ^2/NDF : 8.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.103+/-710.775 χ^2/NDF : 12.1/9

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1385.210+/-0.702 χ^2/NDF : 168259.5/3

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

Right Out: 1537.573+/-0.719 χ^2/NDF : 98066.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

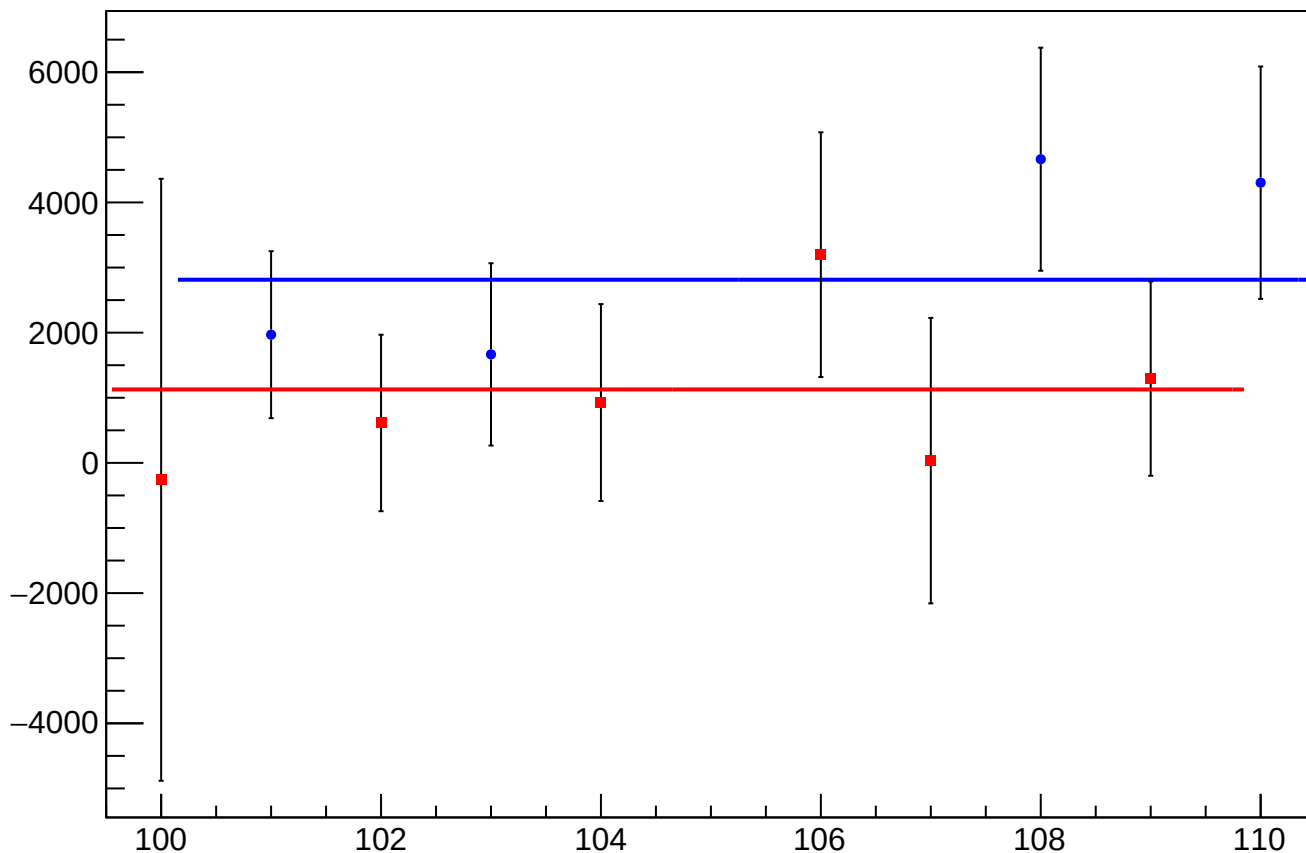
Right: 1459.570+/-0.503 χ^2/NDF : 289288.7/9

In: 1385.210+/-0.702 χ^2/NDF : 168259.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.570+/-0.503 χ^2/NDF : 289288.7/9

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2813.002 $\pm$ 750.865 χ^2 /NDF: 3.0/3

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

Right Out: 1127.617 $\pm$ 712.646 χ^2 /NDF: 1.7/5

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

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

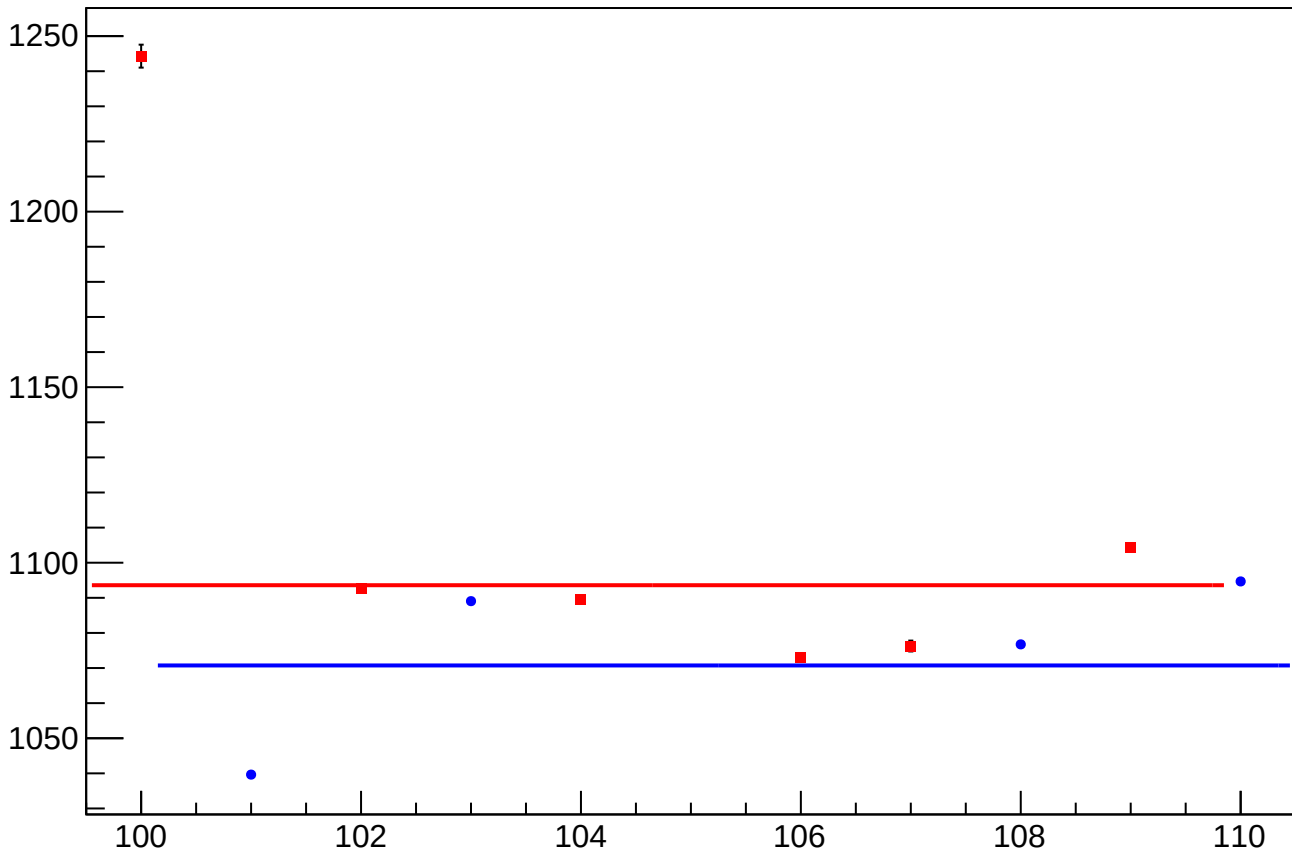
Right: 1926.326 $\pm$ 516.900 χ^2 /NDF: 7.3/9

In: 2813.002 $\pm$ 750.865 χ^2 /NDF:3.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1926.326 $\pm$ 516.900 χ^2 /NDF: 7.3/9

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1070.736 $\pm$ 0.531 χ^2 /NDF: 1903.4/3

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

Right Out: 1093.592 $\pm$ 0.504 χ^2 /NDF: 2611.3/5

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

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

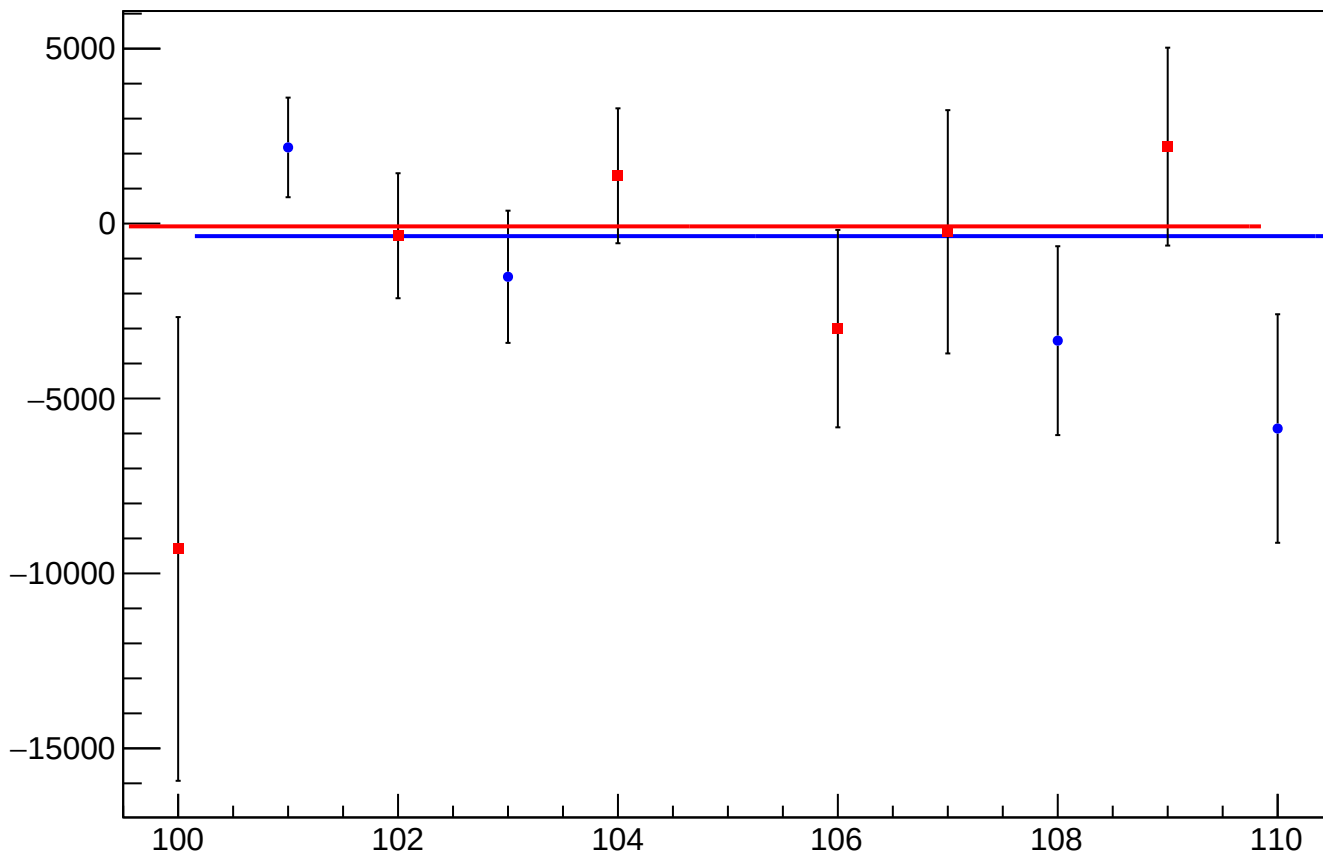
Right: 1082.760 $\pm$ 0.366 χ^2 /NDF: 5489.7/9

In: 1070.736 $\pm$ 0.531 χ^2 /NDF: 1903.4/3

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

All: 1082.760 $\pm$ 0.366 χ^2 /NDF: 5489.7/9

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: -359.151+/-997.762 χ^2/NDF : 7.6/3

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

Right Out: -80.297+/-1032.286 χ^2/NDF : 4.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

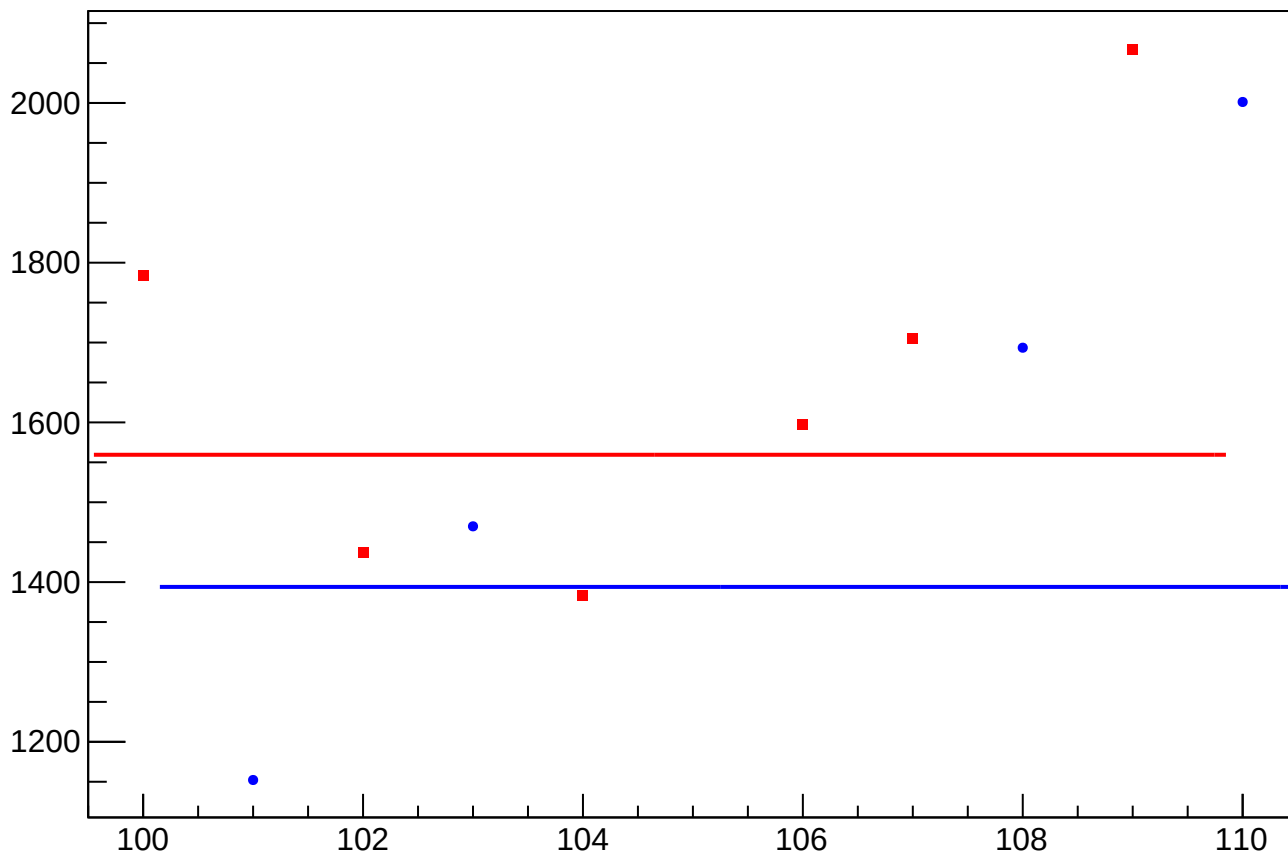
Right: -224.465+/-717.419 χ^2/NDF : 11.9/9

In: -359.151+/-997.762 χ^2/NDF : 7.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -224.465+/-717.419 χ^2/NDF : 11.9/9

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1393.991+/-0.706 χ^2/NDF : 154677.9/3

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

Right Out: 1559.469+/-0.730 χ^2/NDF : 96551.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

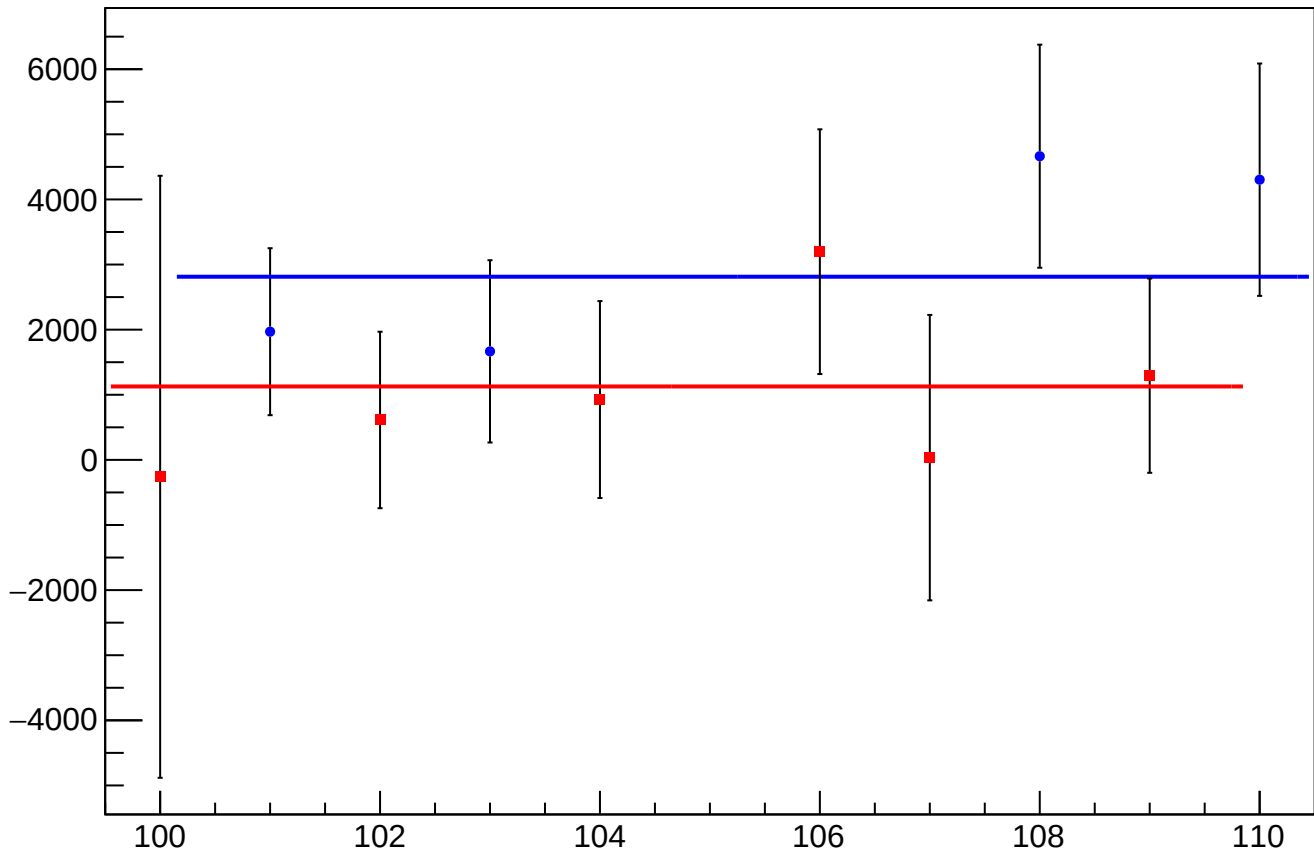
Right: 1473.917+/-0.507 χ^2/NDF : 277799.9/9

In: 1393.991+/-0.706 χ^2/NDF : 154677.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1473.917+/-0.507 χ^2/NDF : 277799.9/9

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2813.005 $\pm$ 750.865 χ^2 /NDF: 3.0/3

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

Right Out: 1127.613 $\pm$ 712.646 χ^2 /NDF: 1.7/5

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

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

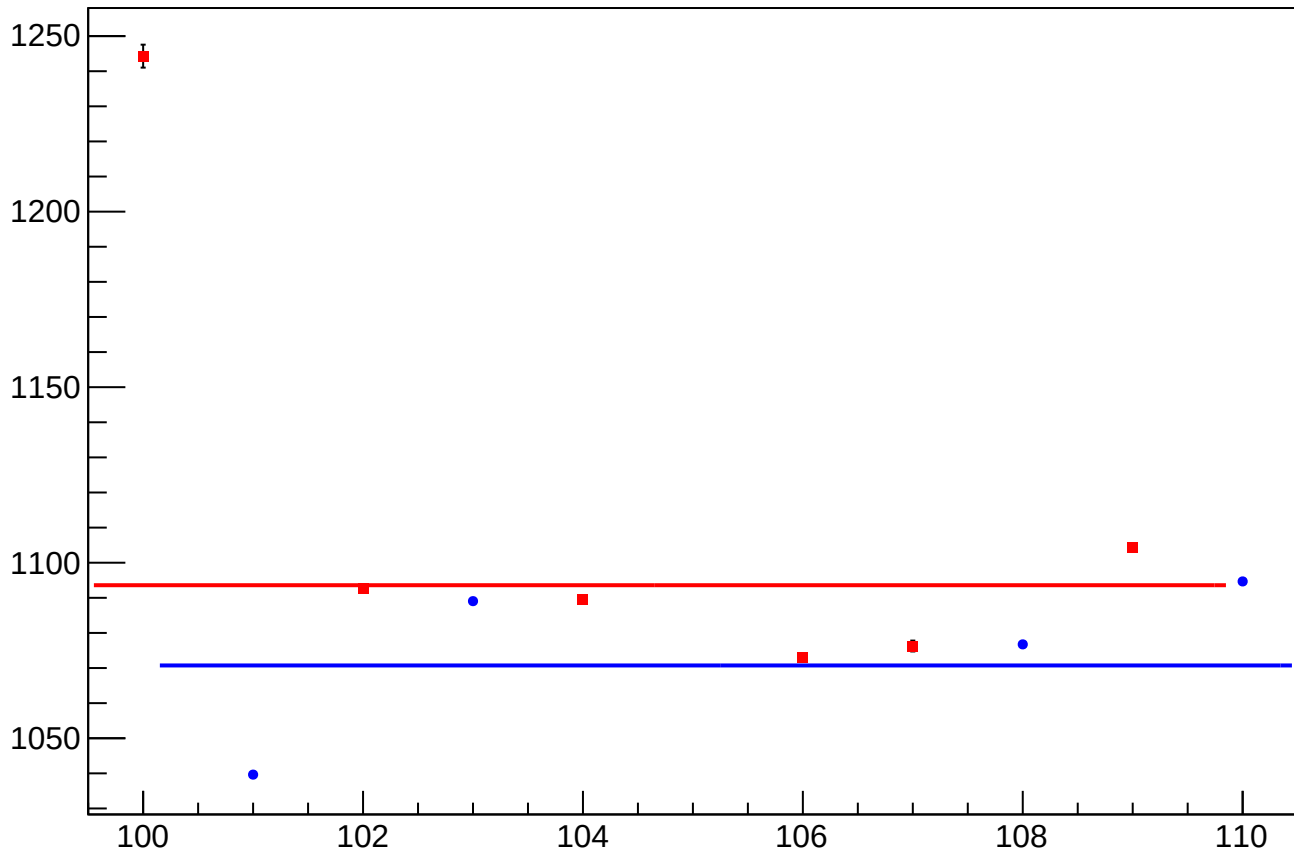
Right: 1926.326 $\pm$ 516.900 χ^2 /NDF: 7.3/9

In: 2813.005 $\pm$ 750.865 χ^2 /NDF:3.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1926.326 $\pm$ 516.900 χ^2 /NDF: 7.3/9

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1070.736 $\pm$ 0.531 χ^2 /NDF: 1903.4/3

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

Right Out: 1093.592 $\pm$ 0.504 χ^2 /NDF: 2611.3/5

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

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

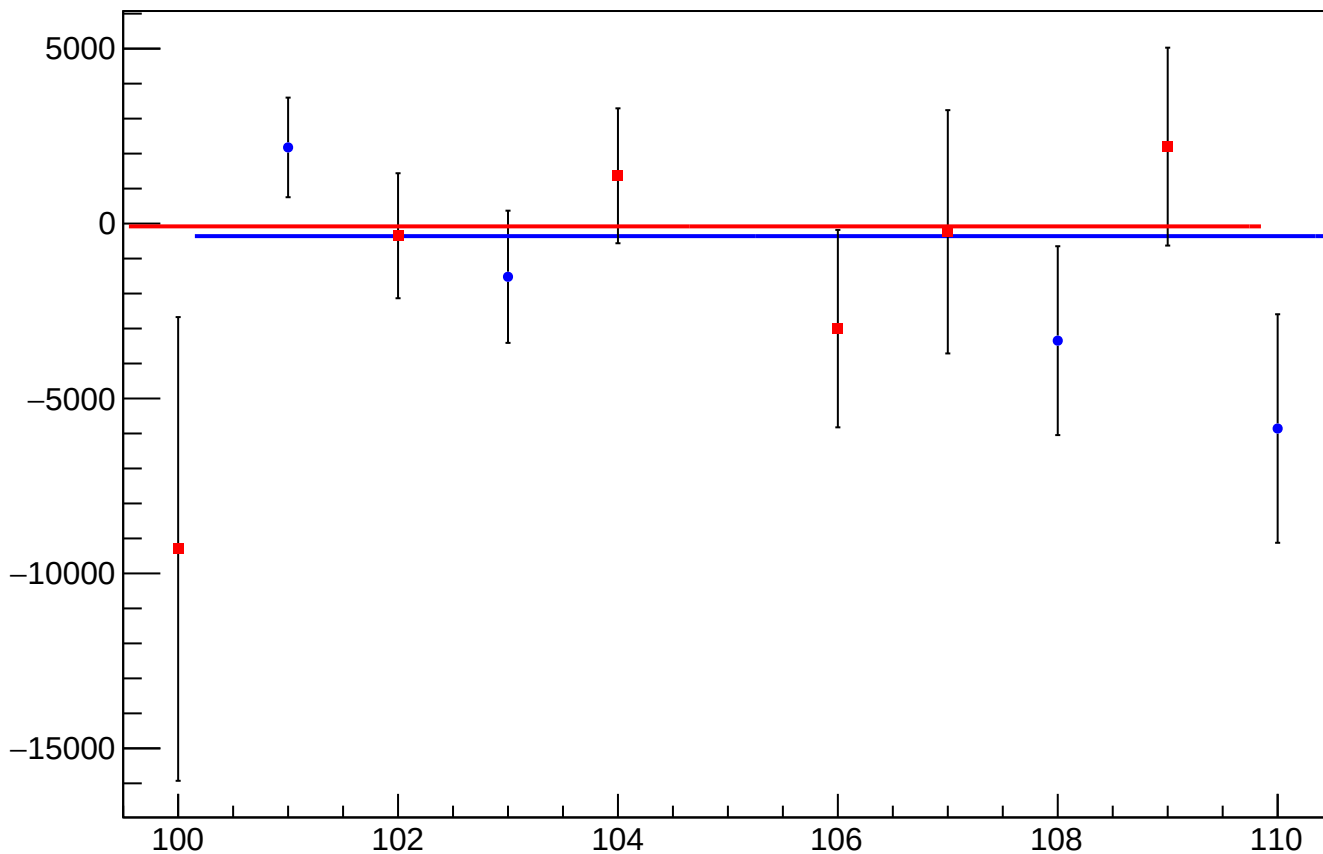
Right: 1082.760 $\pm$ 0.366 χ^2 /NDF: 5489.6/9

In: 1070.736 $\pm$ 0.531 χ^2 /NDF: 1903.4/3

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

All: 1082.760 $\pm$ 0.366 χ^2 /NDF: 5489.6/9

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -359.154 ± 997.762 χ^2/NDF : 7.6/3

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

Right Out: -80.304 ± 1032.287 χ^2/NDF : 4.2/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

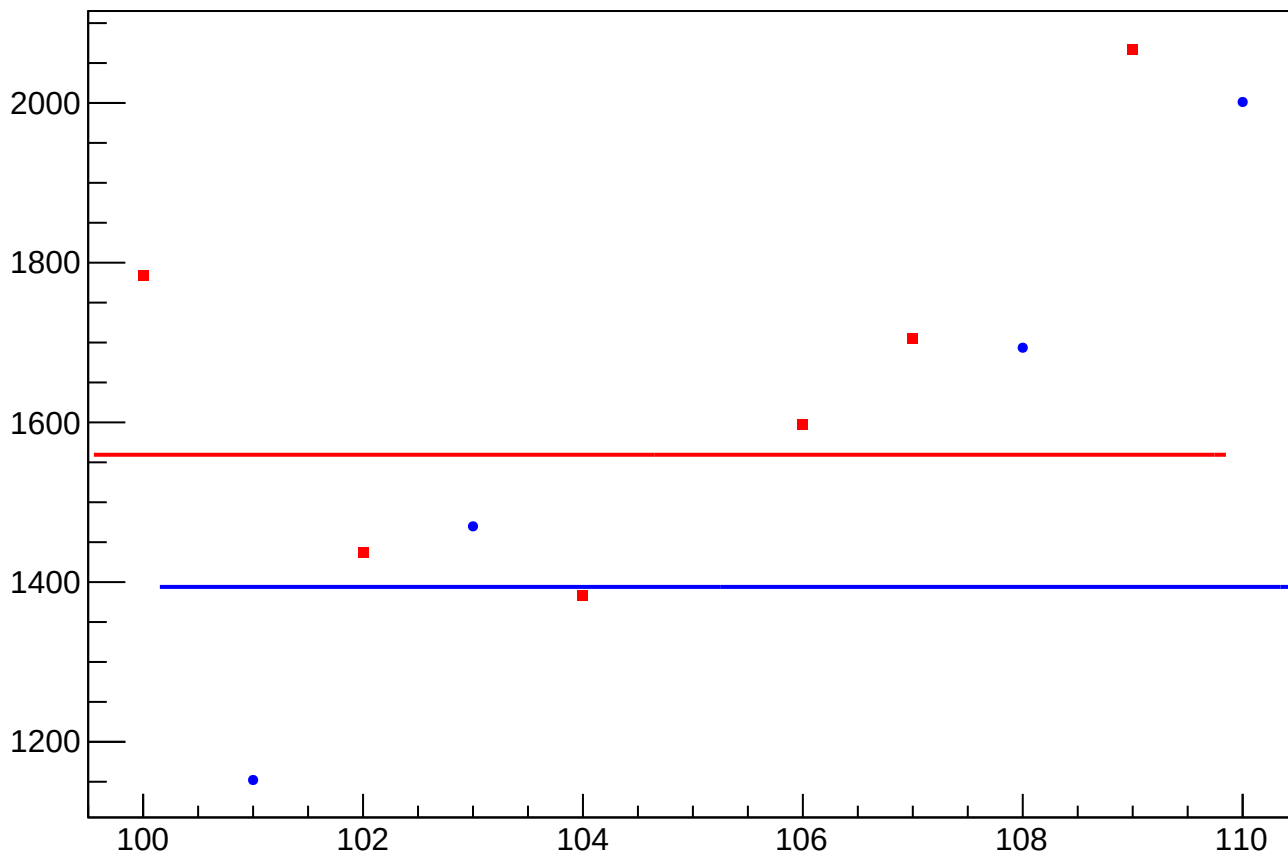
Right: -224.470 ± 717.419 χ^2/NDF : 11.9/9

In: -359.154 ± 997.762 χ^2/NDF : 7.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -224.470 ± 717.419 χ^2/NDF : 11.9/9

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1393.991+/-0.706 χ^2/NDF : 154676.4/3

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

Right Out: 1559.472+/-0.730 χ^2/NDF : 96549.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

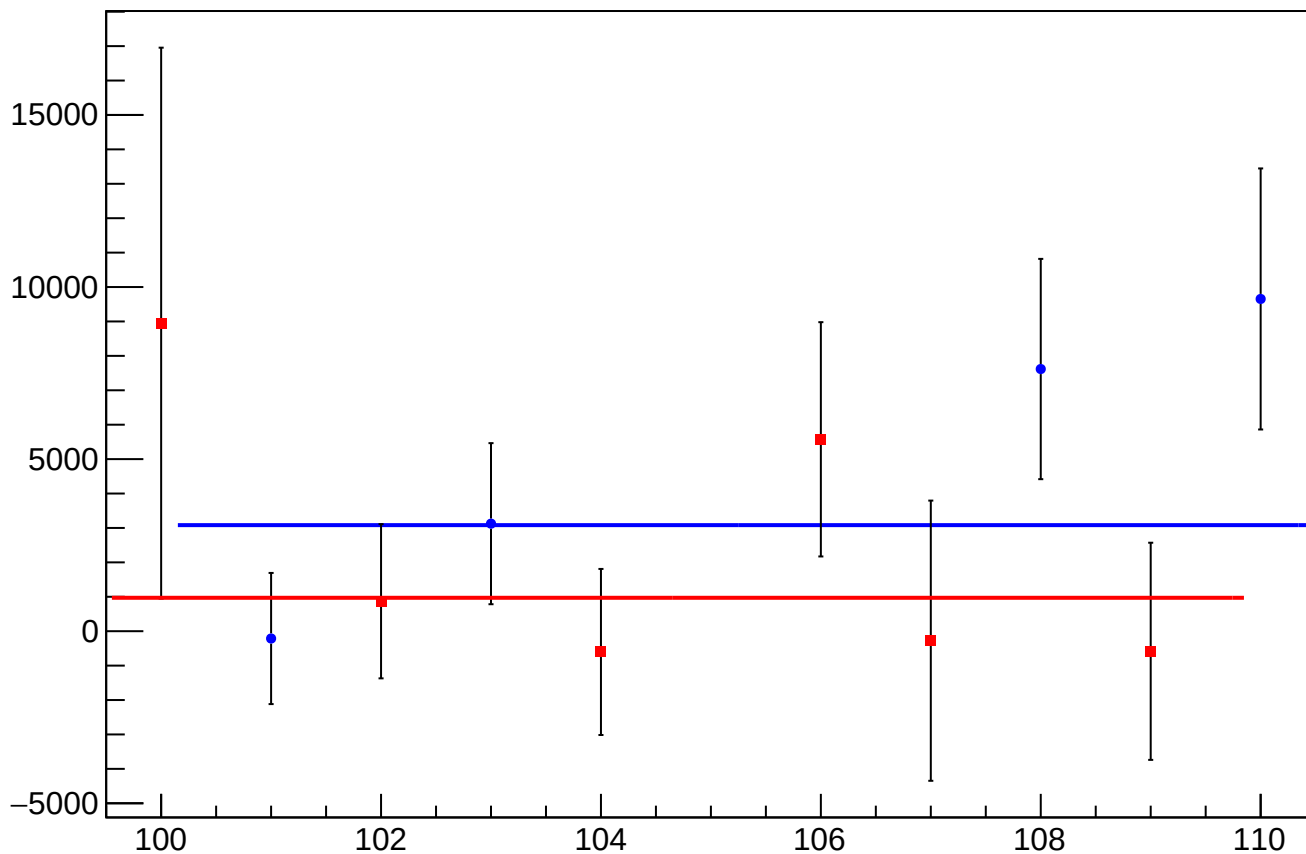
Right: 1473.918+/-0.507 χ^2/NDF : 277797.2/9

In: 1393.991+/-0.706 χ^2/NDF : 154676.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1473.918+/-0.507 χ^2/NDF : 277797.2/9

asym_usr_mean vs Slug, Sign Corrected



Right In: 3081.834+/-1264.695 χ^2 /NDF: 8.0/3

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

Right Out: 970.831+/-1256.150 χ^2 /NDF: 3.6/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

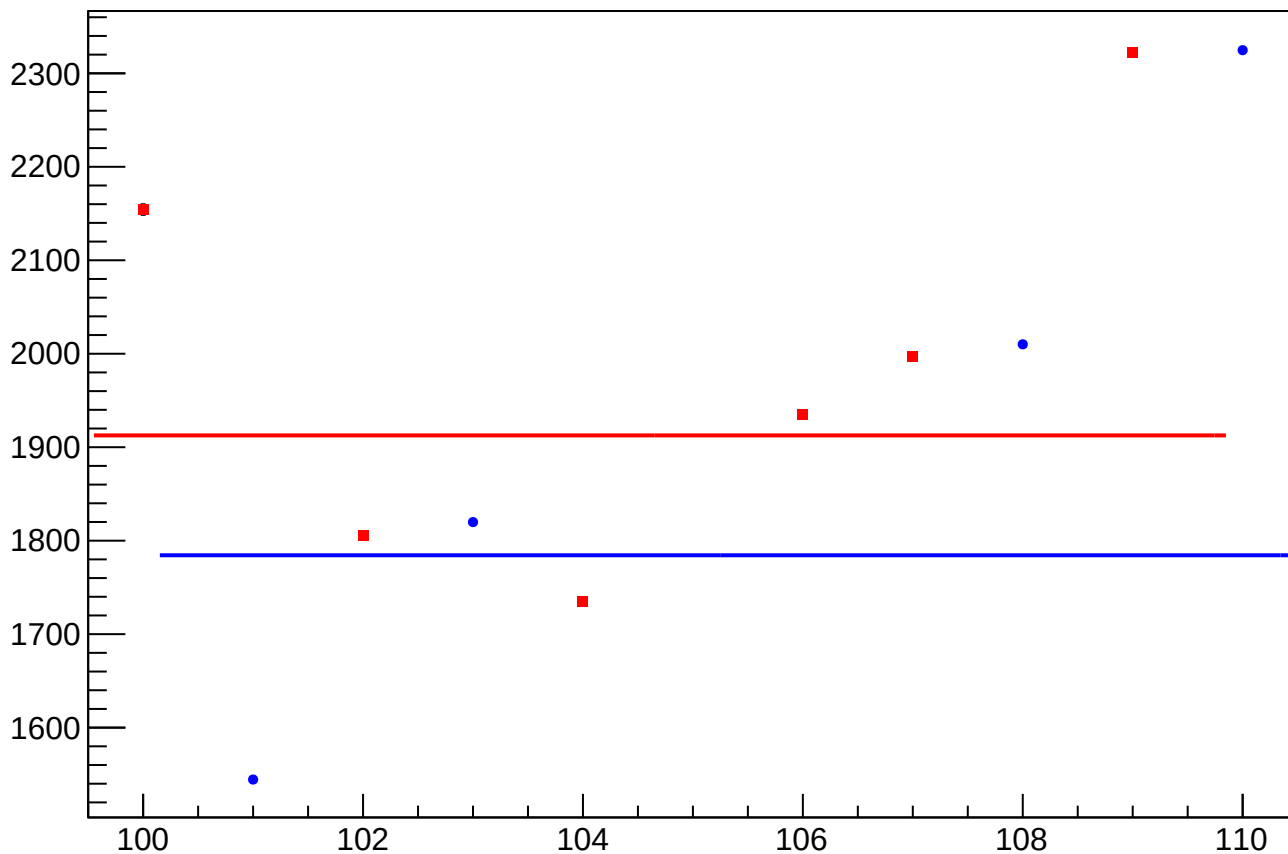
Right: 2019.178+/-891.238 χ^2 /NDF: 13.0/9

In: 3081.834+/-1264.695 χ^2 /NDF:8.0/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2019.178+/-891.238 χ^2 /NDF: 13.0/9

asym_usr_rms vs Slug, Sign Corrected



Right In: 1784.385+/-0.894 χ^2/NDF : 82725.8/3

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

Right Out: 1912.645+/-0.888 χ^2/NDF : 51830.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

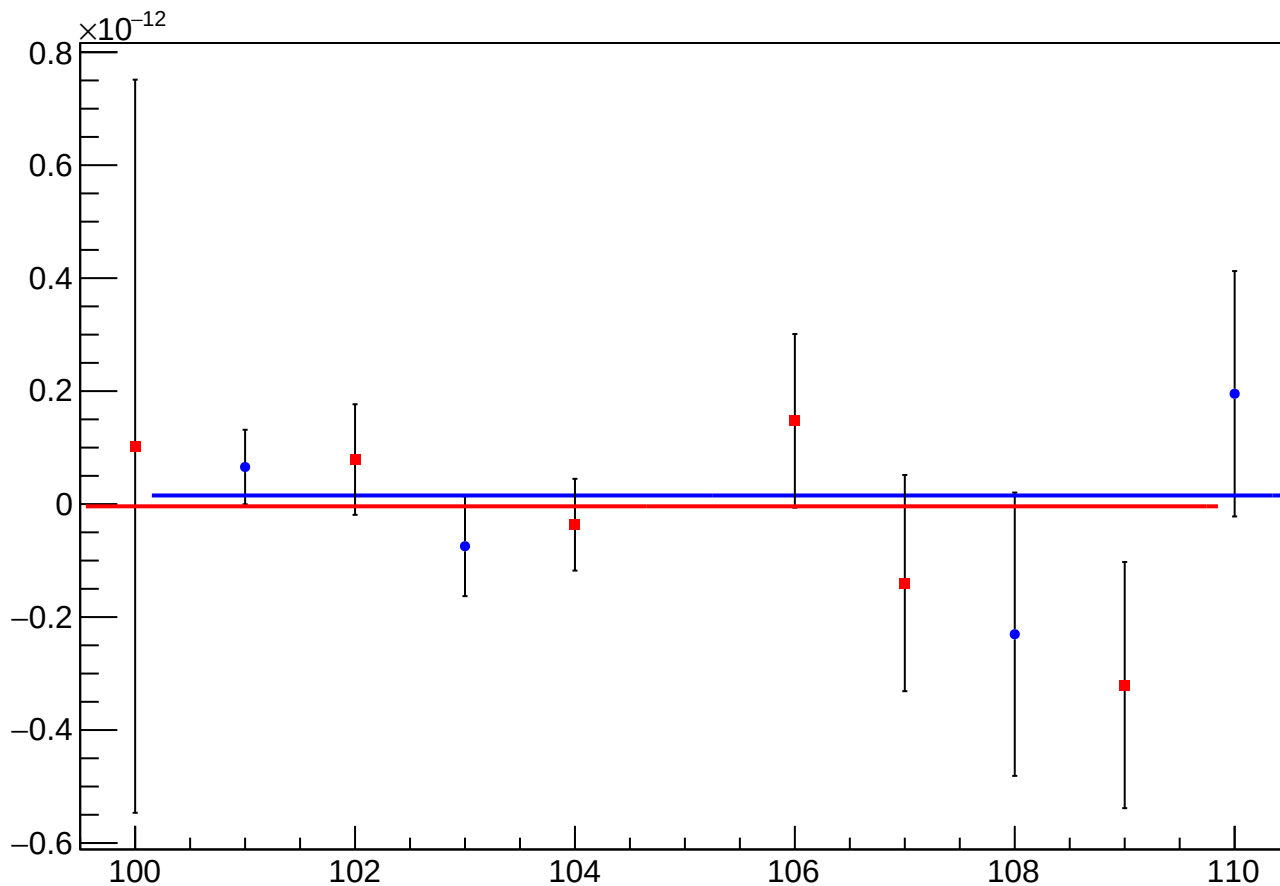
Right: 1848.950+/-0.630 χ^2/NDF : 144911.5/9

In: 1784.385+/-0.894 χ^2/NDF : 82725.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1848.950+/-0.630 χ^2/NDF : 144911.5/9

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.3/3

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

Right Out: -0.000+/-0.000 χ^2/NDF : 4.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

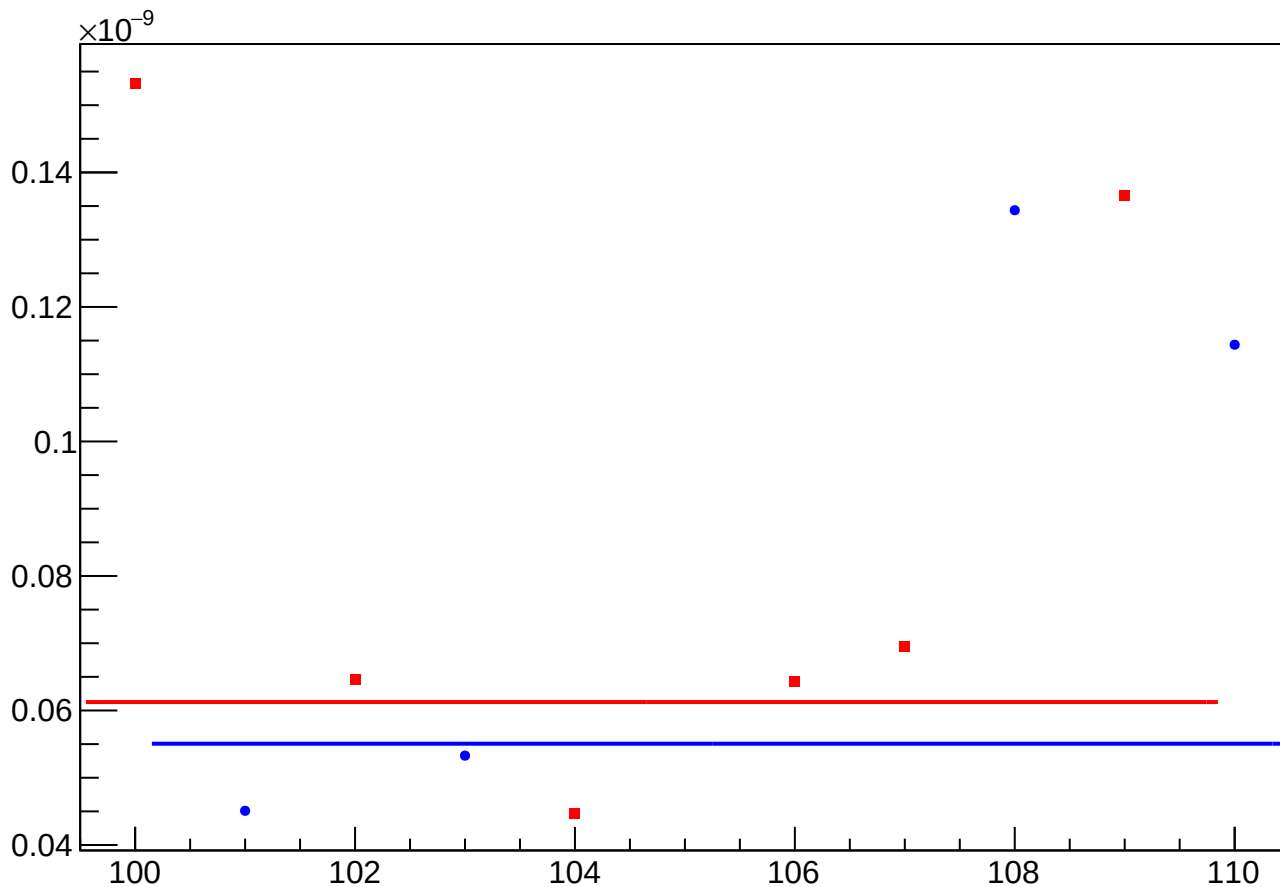
Right: 0.000+/-0.000 χ^2/NDF : 7.8/9

In: 0.000+/-0.000 χ^2/NDF : 3.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.8/9

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 395803.6/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 368545.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

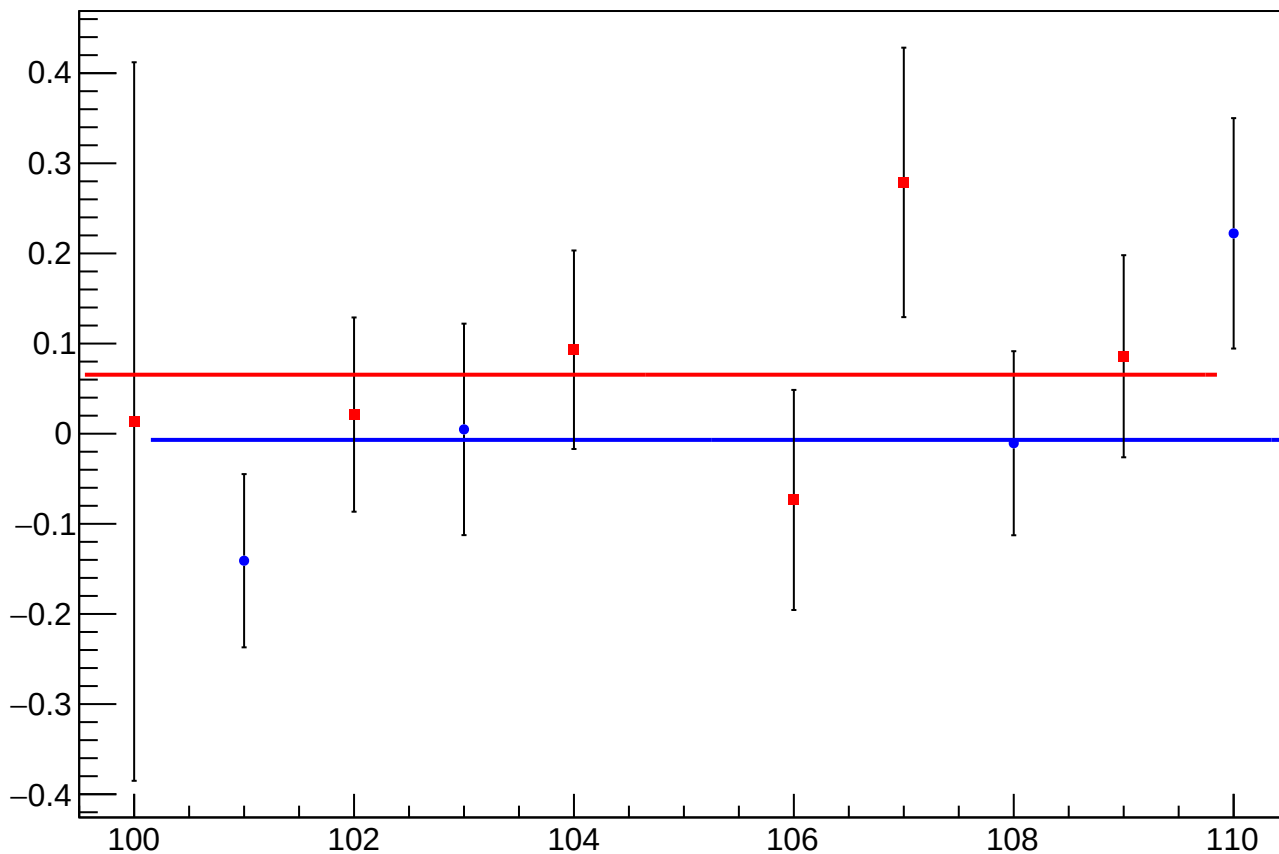
Right: 0.000+/-0.000 χ^2/NDF : 778580.7/9

In: 0.000+/-0.000 χ^2/NDF : 395803.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 778580.7/9

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.054 χ^2/NDF : 5.2/3

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

Right Out: 0.065 ± 0.052 χ^2/NDF : 3.6/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

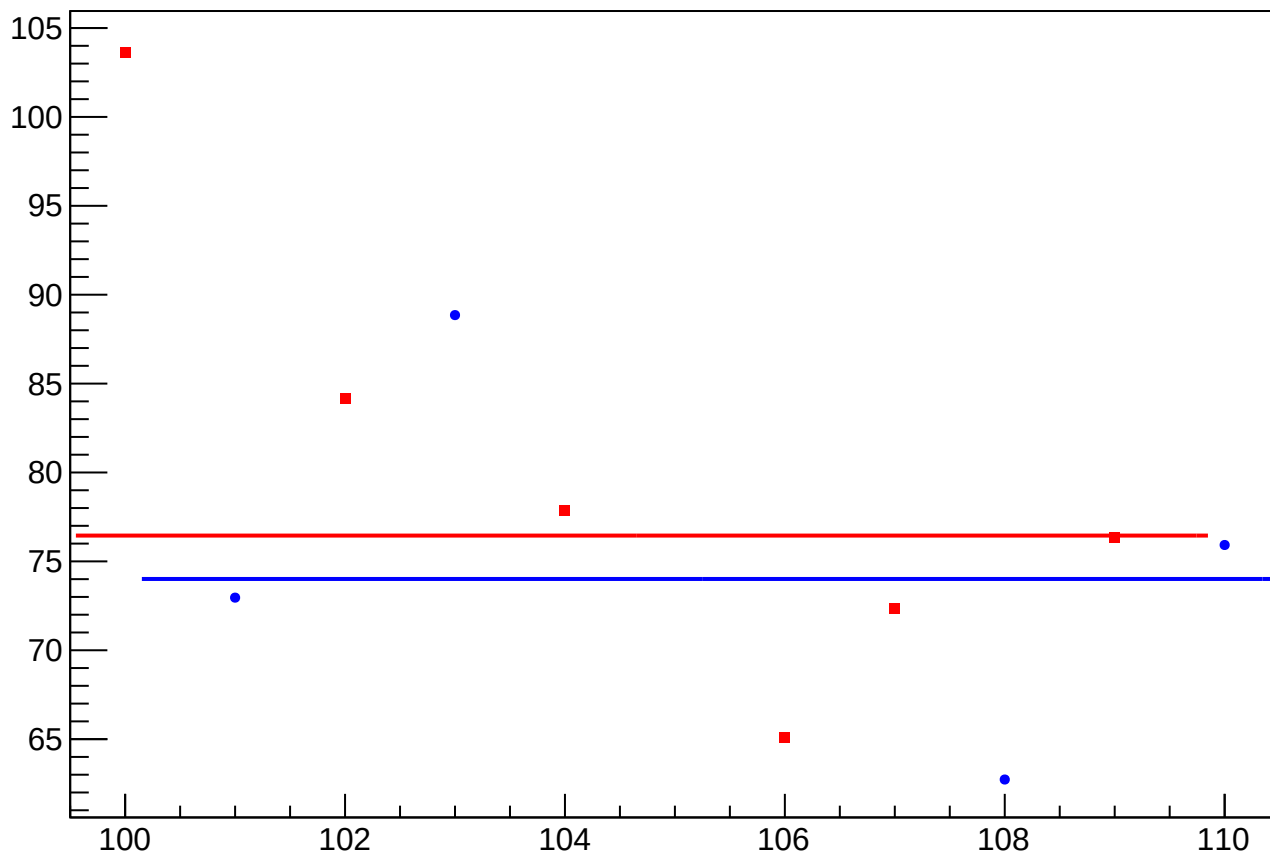
Right: 0.031 ± 0.038 χ^2/NDF : 9.7/9

In: -0.007 ± 0.054 χ^2/NDF : 5.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.031 ± 0.038 χ^2/NDF : 9.7/9

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.010 $\pm$ 0.038 χ^2 /NDF: 57117.8/3

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

Right Out: 76.451 $\pm$ 0.037 χ^2 /NDF: 38620.8/5

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

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

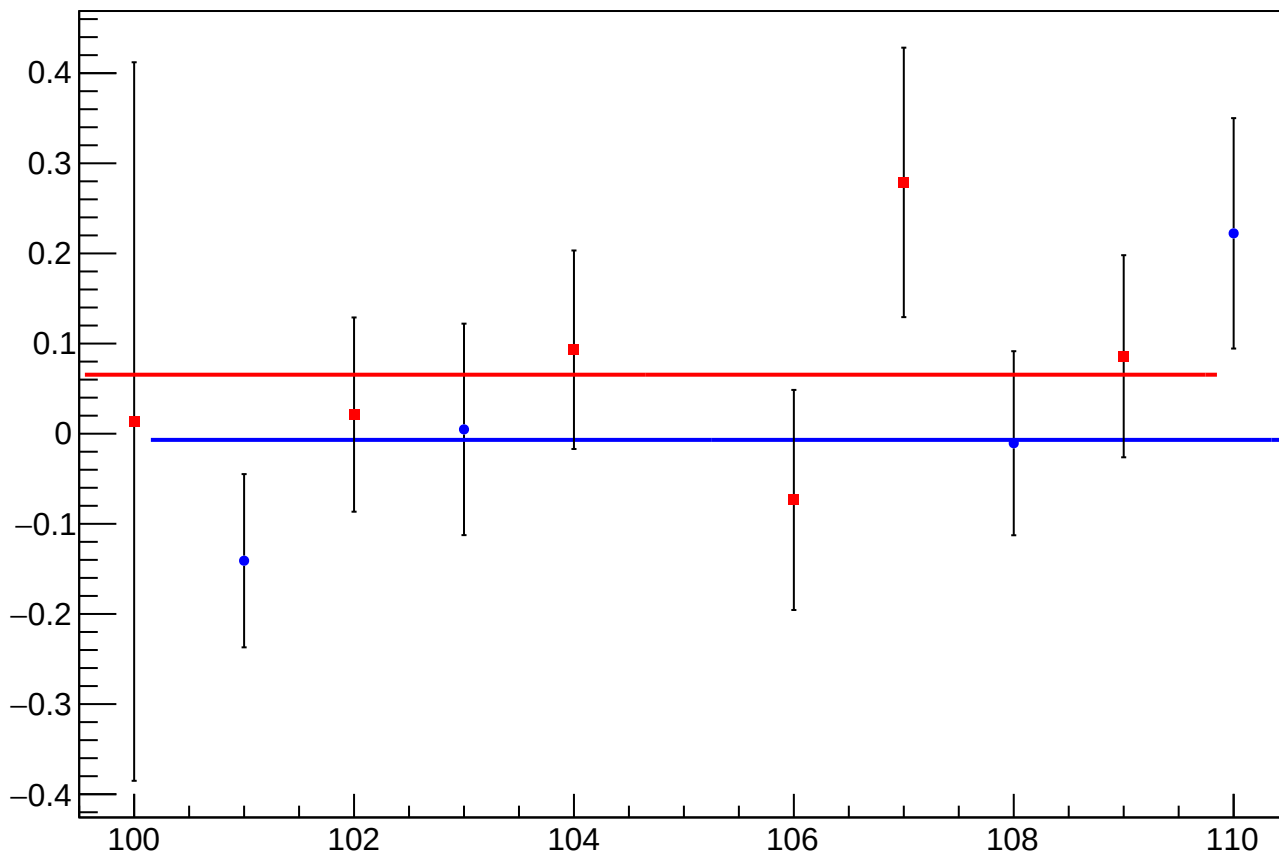
Right: 75.280 $\pm$ 0.027 χ^2 /NDF: 97833.5/9

In: 74.010 $\pm$ 0.038 χ^2 /NDF: 57117.8/3

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

All: 75.280 $\pm$ 0.027 χ^2 /NDF: 97833.5/9

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.054 χ^2 /NDF: 5.2/3

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

Right Out: 0.065 $\pm$ 0.052 χ^2 /NDF: 3.6/5

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

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

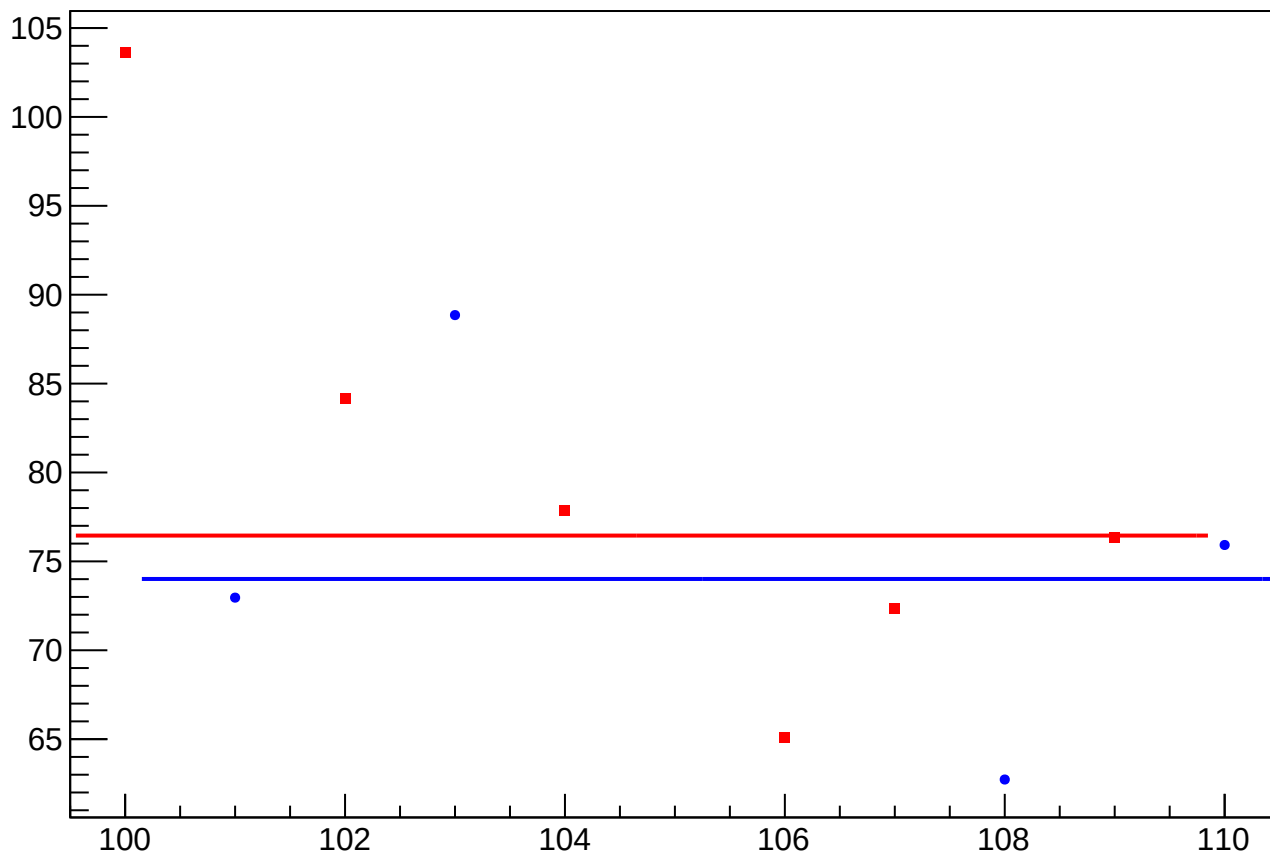
Right: 0.031 $\pm$ 0.038 χ^2 /NDF: 9.7/9

In: -0.007 $\pm$ 0.054 χ^2 /NDF:5.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.031 $\pm$ 0.038 χ^2 /NDF: 9.7/9

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.010+/-0.038 χ^2/NDF : 57117.8/3

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

Right Out: 76.451+/-0.037 χ^2/NDF : 38620.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

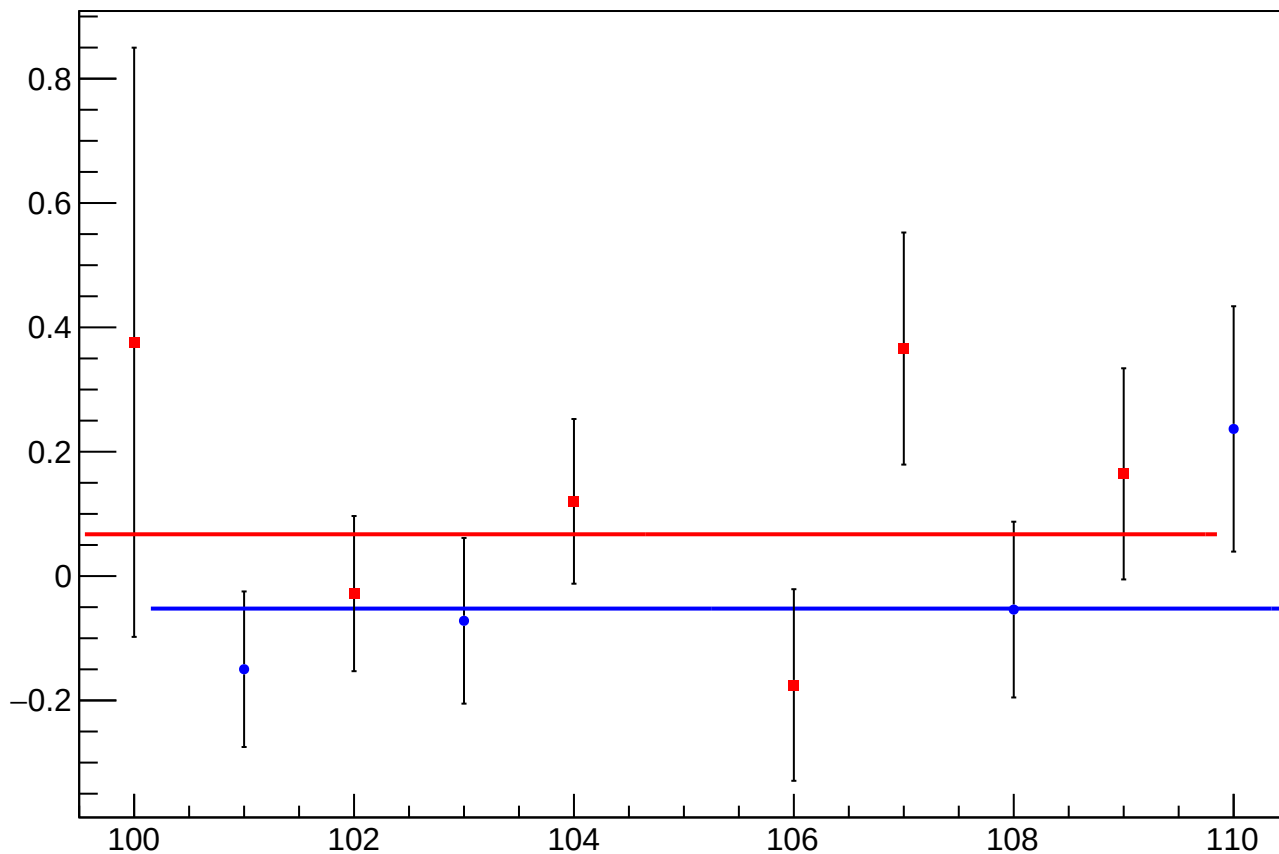
Right: 75.280+/-0.027 χ^2/NDF : 97833.5/9

In: 74.010+/-0.038 χ^2/NDF : 57117.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.280+/-0.027 χ^2/NDF : 97833.5/9

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052 $\pm$ 0.071 χ^2 /NDF: 2.8/3

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

Right Out: 0.067 $\pm$ 0.066 χ^2 /NDF: 6.5/5

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

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

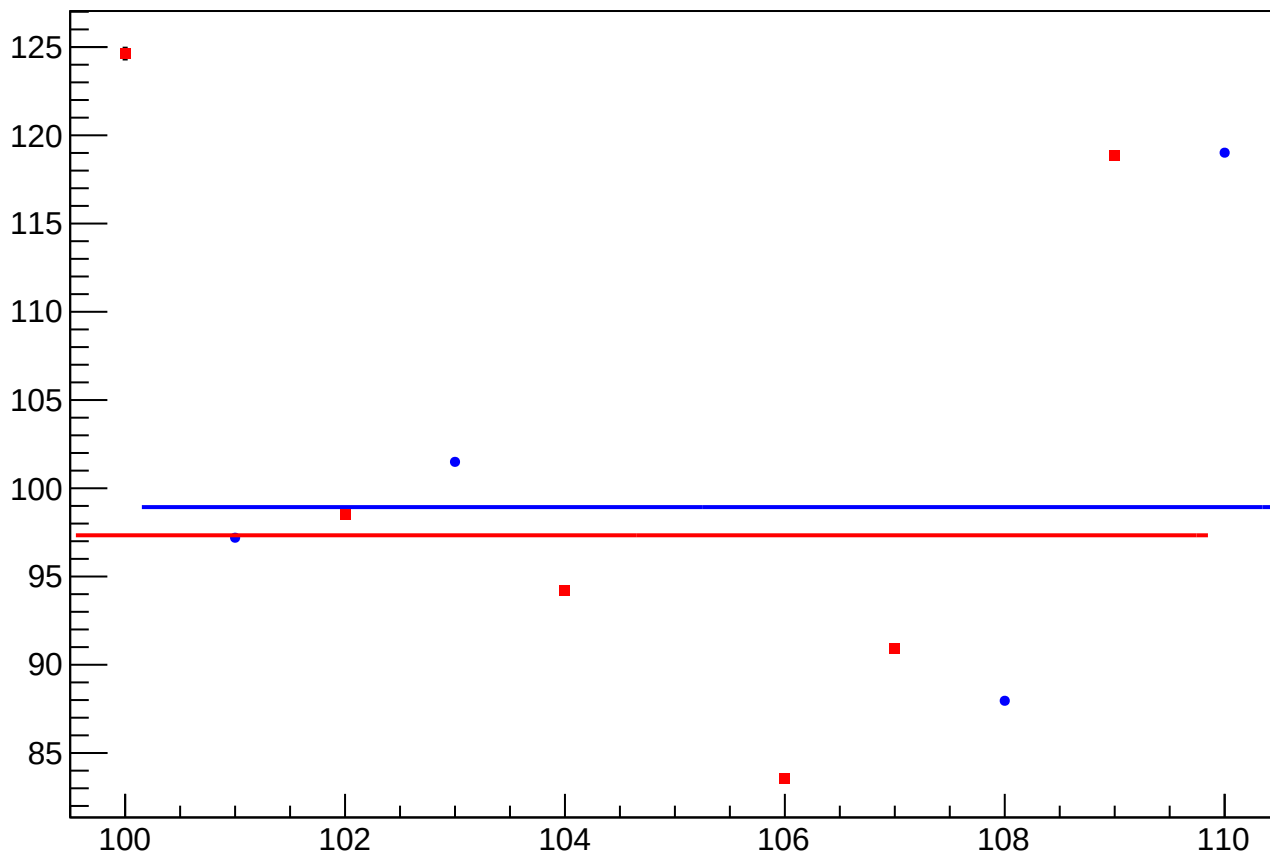
Right: 0.012 $\pm$ 0.048 χ^2 /NDF: 10.8/9

In: -0.052 $\pm$ 0.071 χ^2 /NDF:2.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.048 χ^2 /NDF: 10.8/9

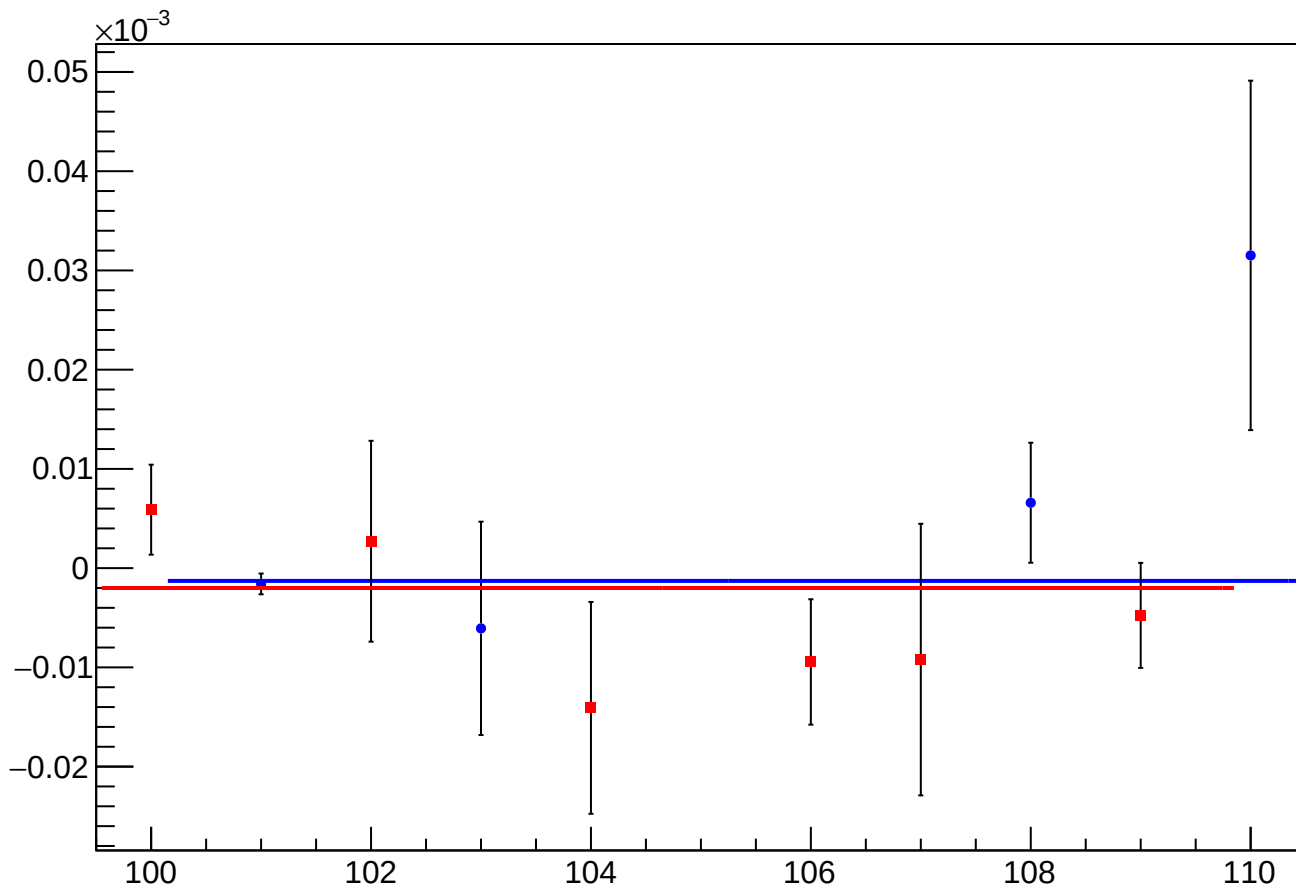
asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.933+/-0.051 χ^2/NDF : 33896.2/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 97.336+/-0.047 χ^2/NDF : 58554.0/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 98.069+/-0.034 χ^2/NDF : 92991.6/9
 In: 98.933+/-0.051 χ^2/NDF : 33896.2/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 98.069+/-0.034 χ^2/NDF : 92991.6/9

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/3

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

Right Out: -0.000+/-0.000 χ^2/NDF : 6.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

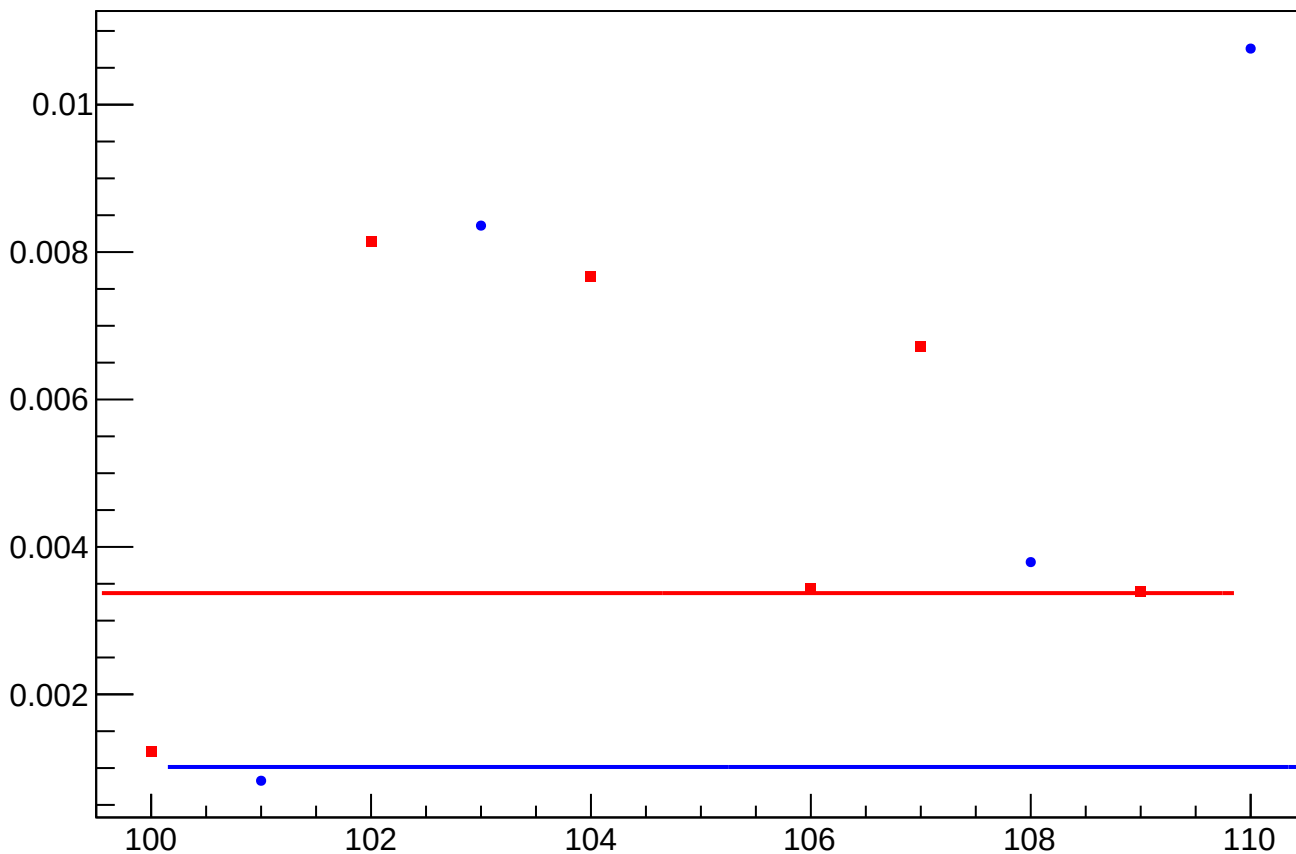
Right: -0.000+/-0.000 χ^2/NDF : 12.0/9

In: -0.000+/-0.000 χ^2/NDF : 5.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.0/9

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2033241.8/3

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

Right Out: 0.003+/-0.000 χ^2/NDF : 1339997.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

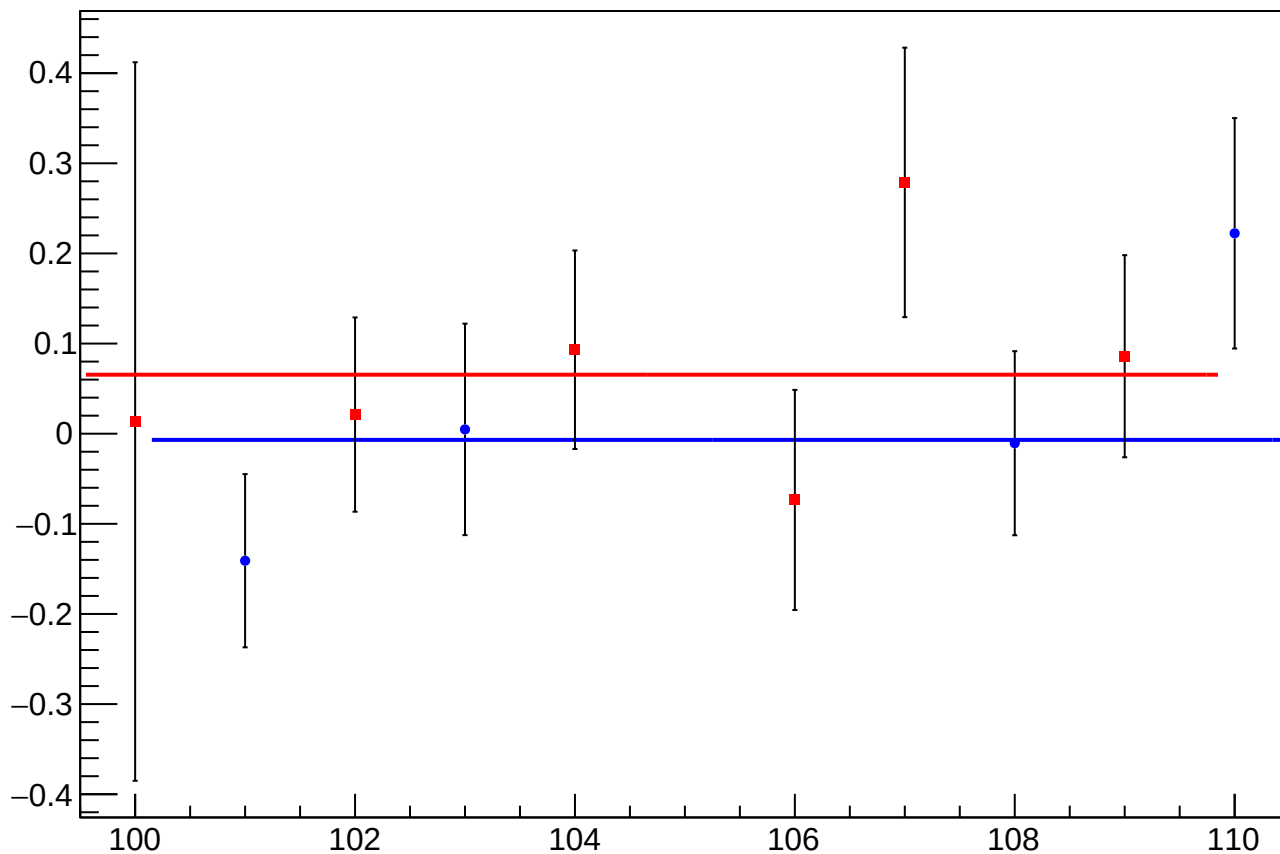
Right: 0.001+/-0.000 χ^2/NDF : 4675042.4/9

In: 0.001+/-0.000 χ^2/NDF : 2033241.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4675042.4/9

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.054 χ^2 /NDF: 5.2/3

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

Right Out: 0.065 $\pm$ 0.052 χ^2 /NDF: 3.6/5

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

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

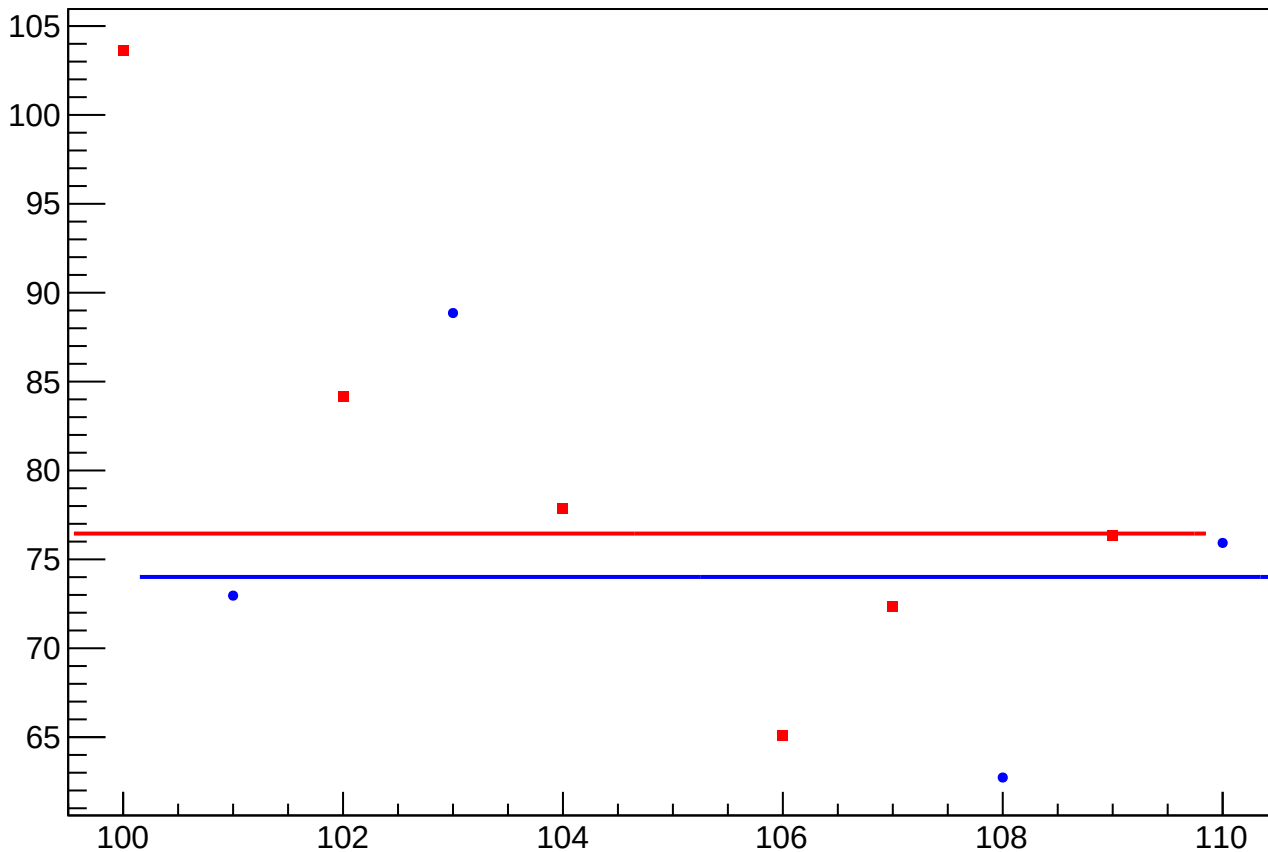
Right: 0.031 $\pm$ 0.038 χ^2 /NDF: 9.7/9

In: -0.007 $\pm$ 0.054 χ^2 /NDF:5.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.031 $\pm$ 0.038 χ^2 /NDF: 9.7/9

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.011+/-0.038 χ^2/NDF : 57128.0/3

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

Right Out: 76.452+/-0.037 χ^2/NDF : 38628.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

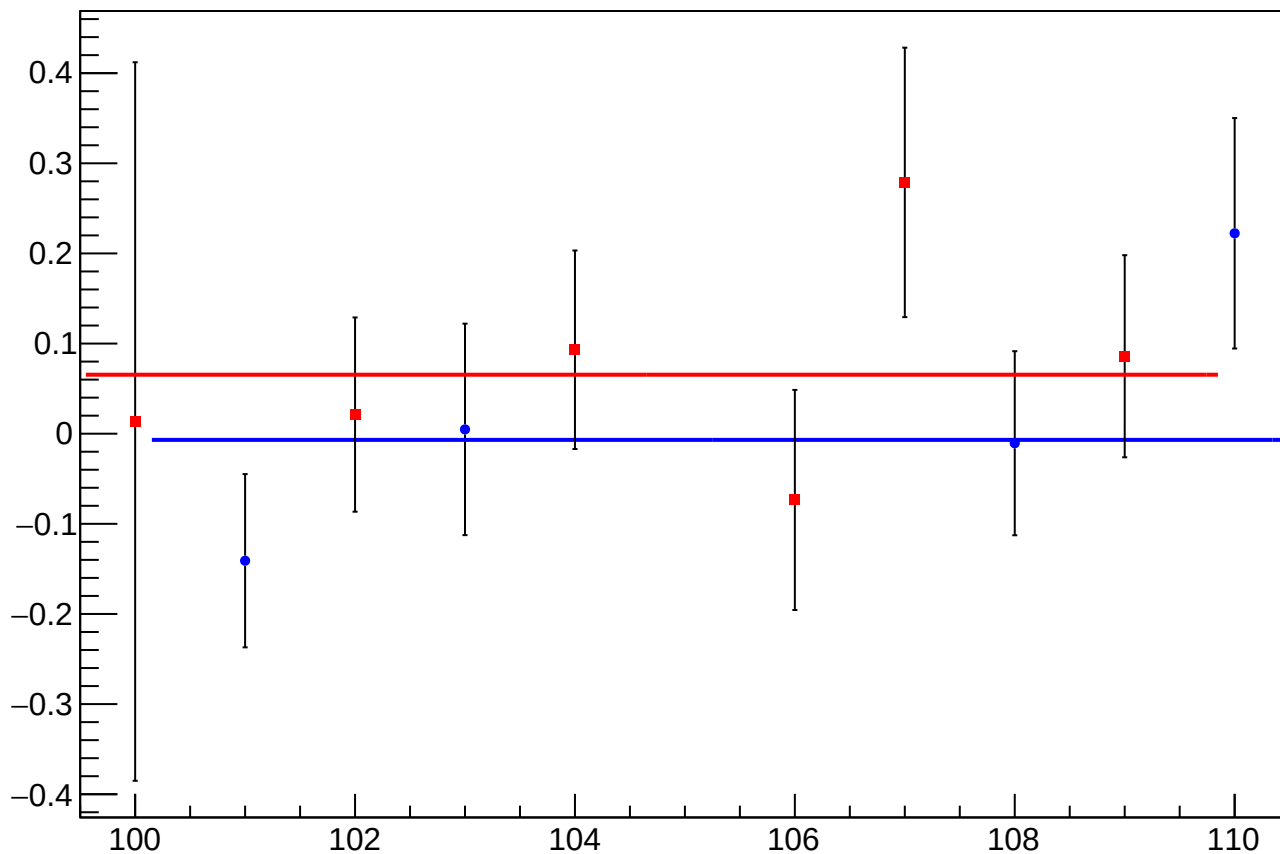
Right: 75.280+/-0.027 χ^2/NDF : 97850.4/9

In: 74.011+/-0.038 χ^2/NDF : 57128.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.280+/-0.027 χ^2/NDF : 97850.4/9

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.054 χ^2 /NDF: 5.2/3

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

Right Out: 0.065 $\pm$ 0.052 χ^2 /NDF: 3.6/5

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

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

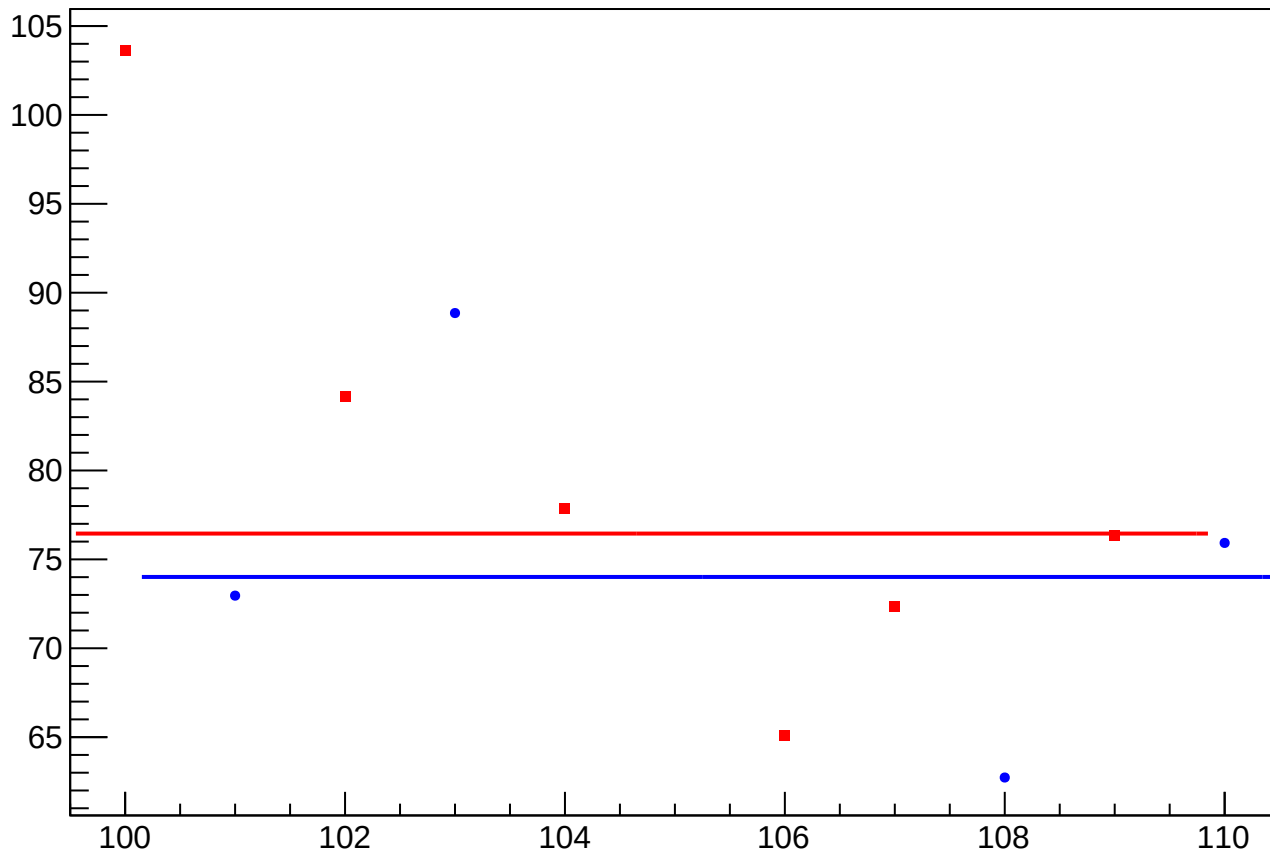
Right: 0.031 $\pm$ 0.038 χ^2 /NDF: 9.7/9

In: -0.007 $\pm$ 0.054 χ^2 /NDF:5.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.031 $\pm$ 0.038 χ^2 /NDF: 9.7/9

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.011+/-0.038 χ^2/NDF : 57128.0/3

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

Right Out: 76.452+/-0.037 χ^2/NDF : 38628.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

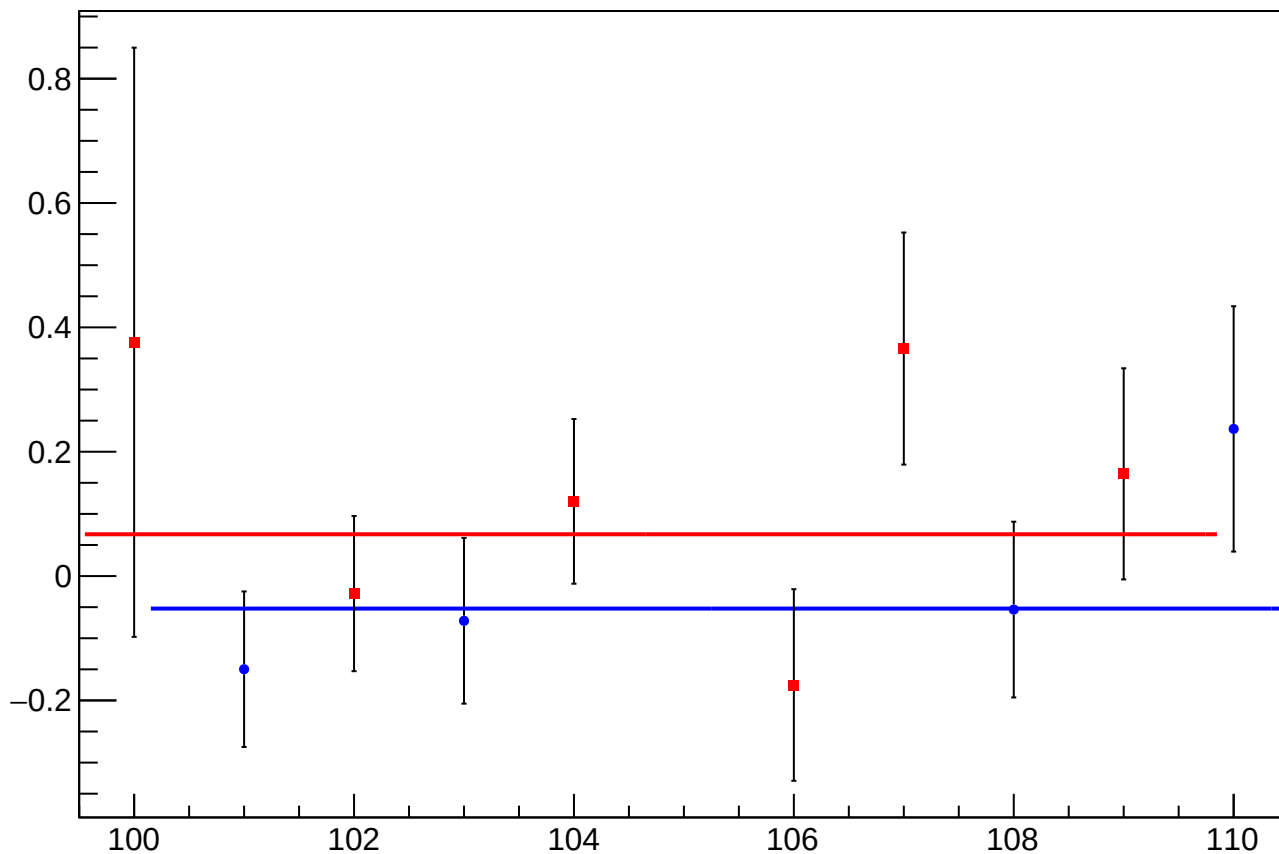
Right: 75.280+/-0.027 χ^2/NDF : 97850.4/9

In: 74.011+/-0.038 χ^2/NDF : 57128.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.280+/-0.027 χ^2/NDF : 97850.4/9

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052 $\pm$ 0.071 χ^2 /NDF: 2.8/3

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

Right Out: 0.067 $\pm$ 0.066 χ^2 /NDF: 6.5/5

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

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

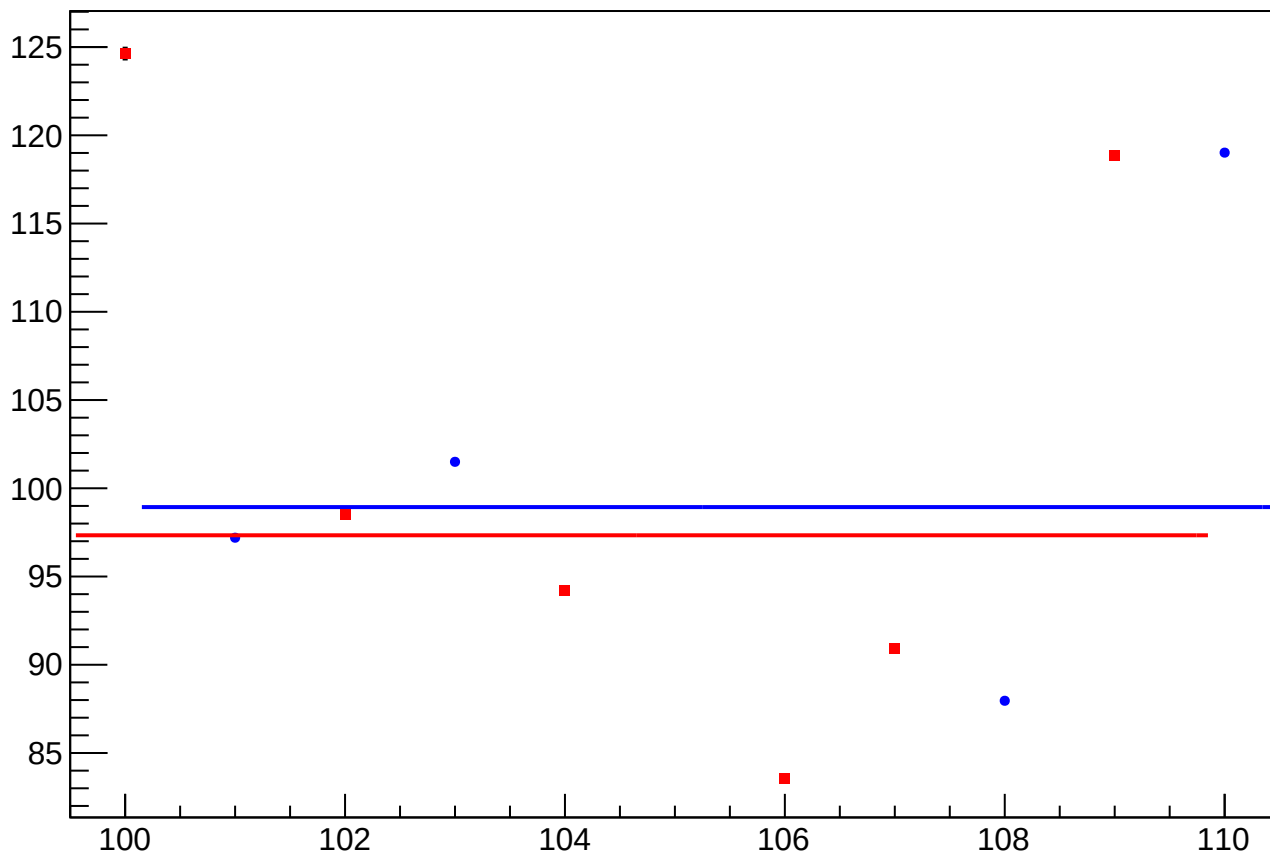
Right: 0.012 $\pm$ 0.048 χ^2 /NDF: 10.8/9

In: -0.052 $\pm$ 0.071 χ^2 /NDF:2.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.048 χ^2 /NDF: 10.8/9

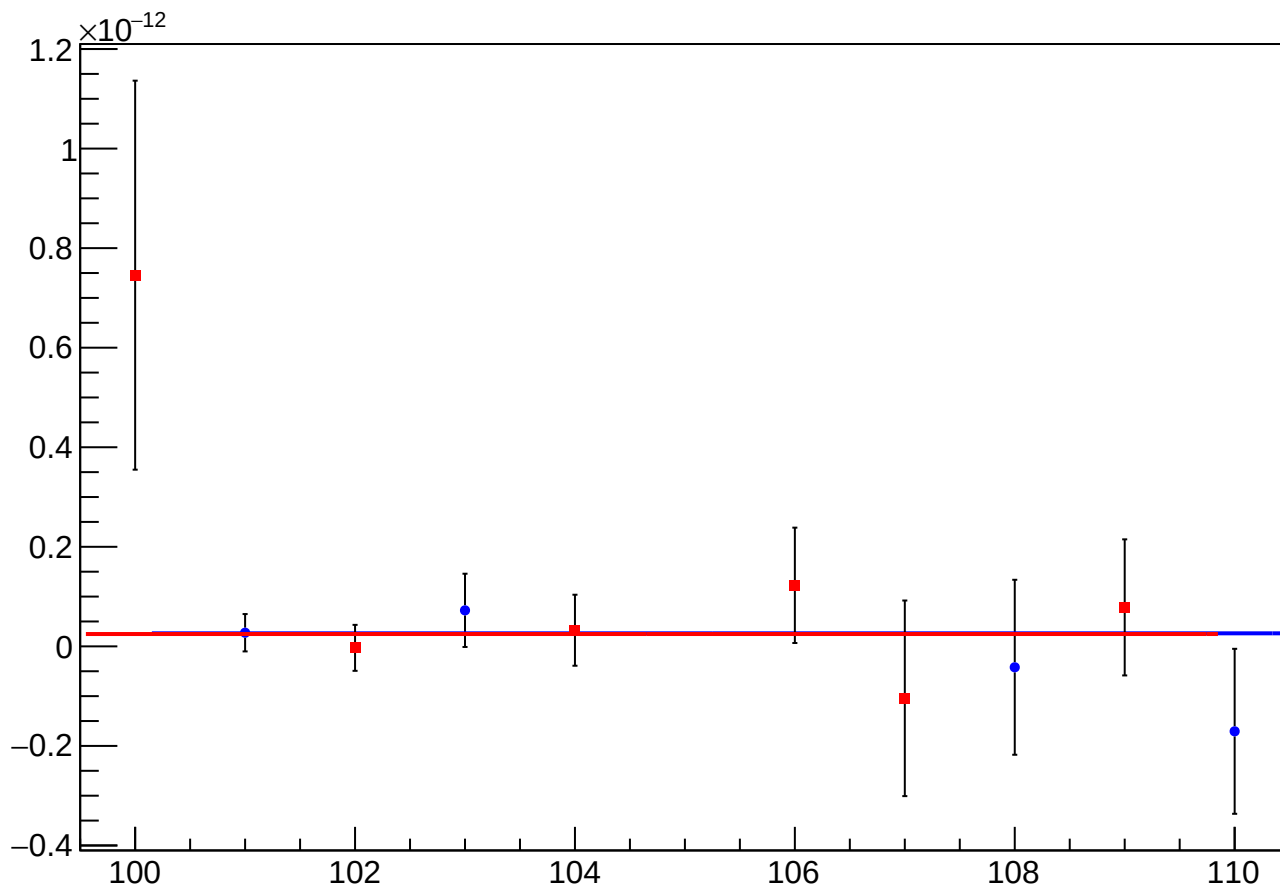
asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.934+/-0.051 χ^2/NDF : 33901.7/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 97.336+/-0.047 χ^2/NDF : 58554.9/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 98.069+/-0.034 χ^2/NDF : 92998.3/9
 In: 98.934+/-0.051 χ^2/NDF : 33901.7/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 98.069+/-0.034 χ^2/NDF : 92998.3/9

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.0/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

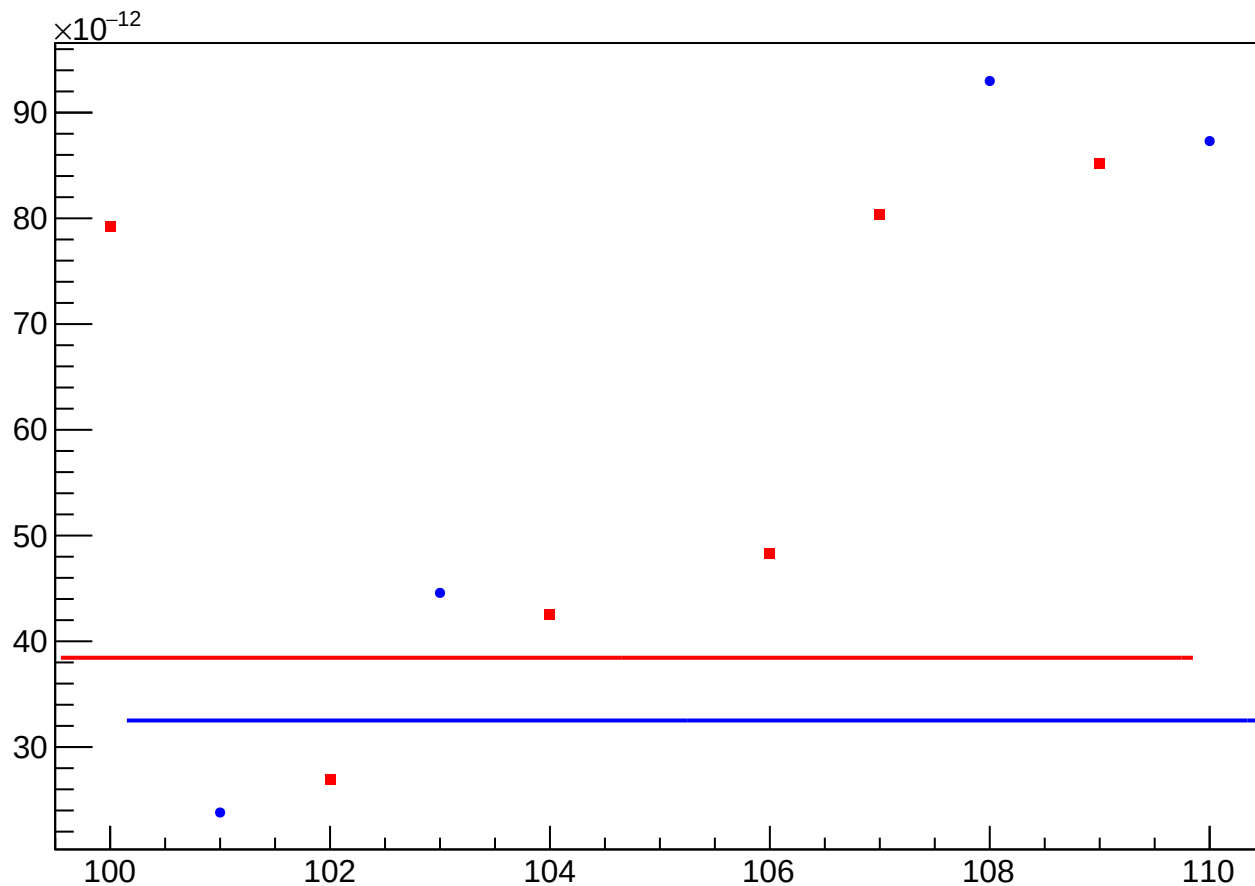
Right: 0.000+/-0.000 χ^2/NDF : 7.0/9

In: 0.000+/-0.000 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.0/9

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 616844.0/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 492300.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

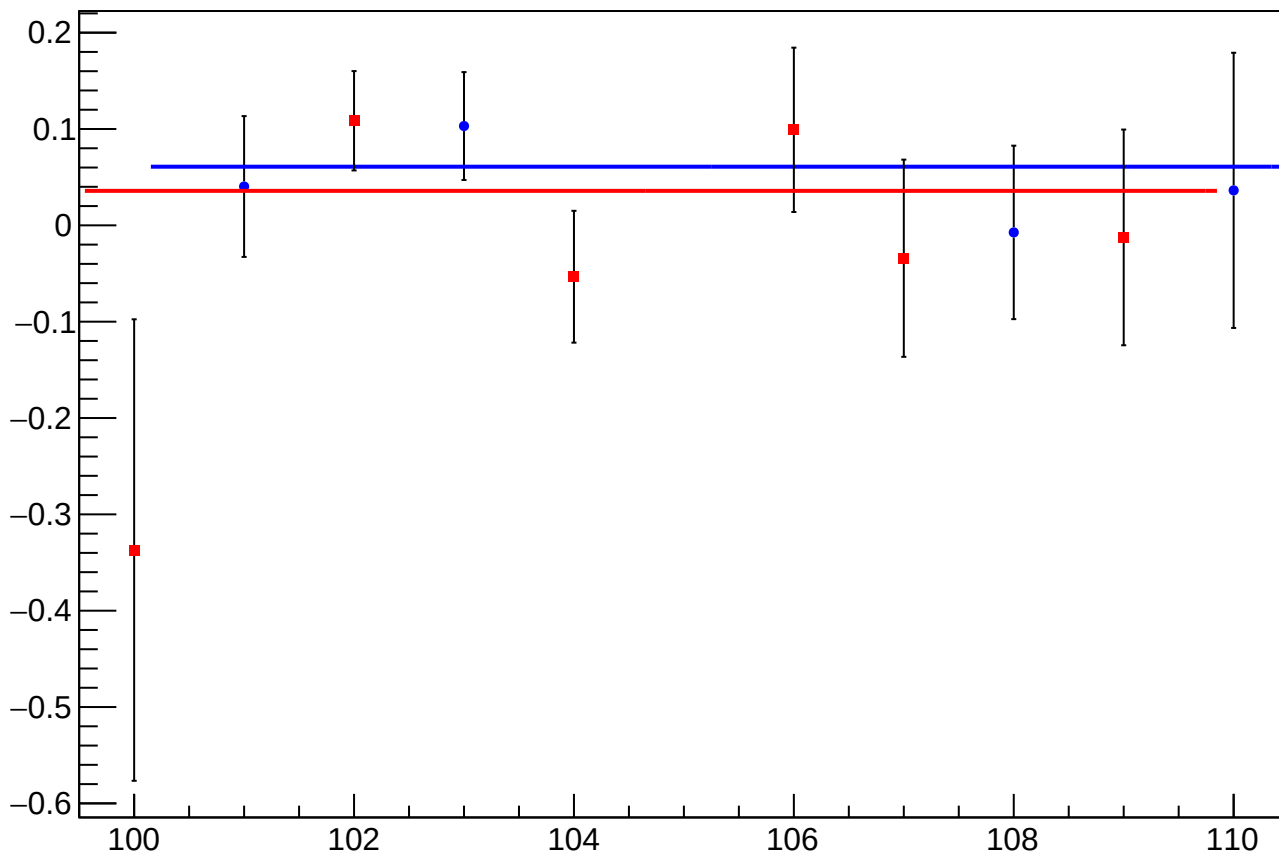
Right: 0.000+/-0.000 χ^2/NDF : 1140484.4/9

In: 0.000+/-0.000 χ^2/NDF : 616844.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1140484.4/9

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.061 $\pm$ 0.038 χ^2 /NDF: 1.3/3

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

Right Out: 0.036 $\pm$ 0.033 χ^2 /NDF: 7.3/5

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

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

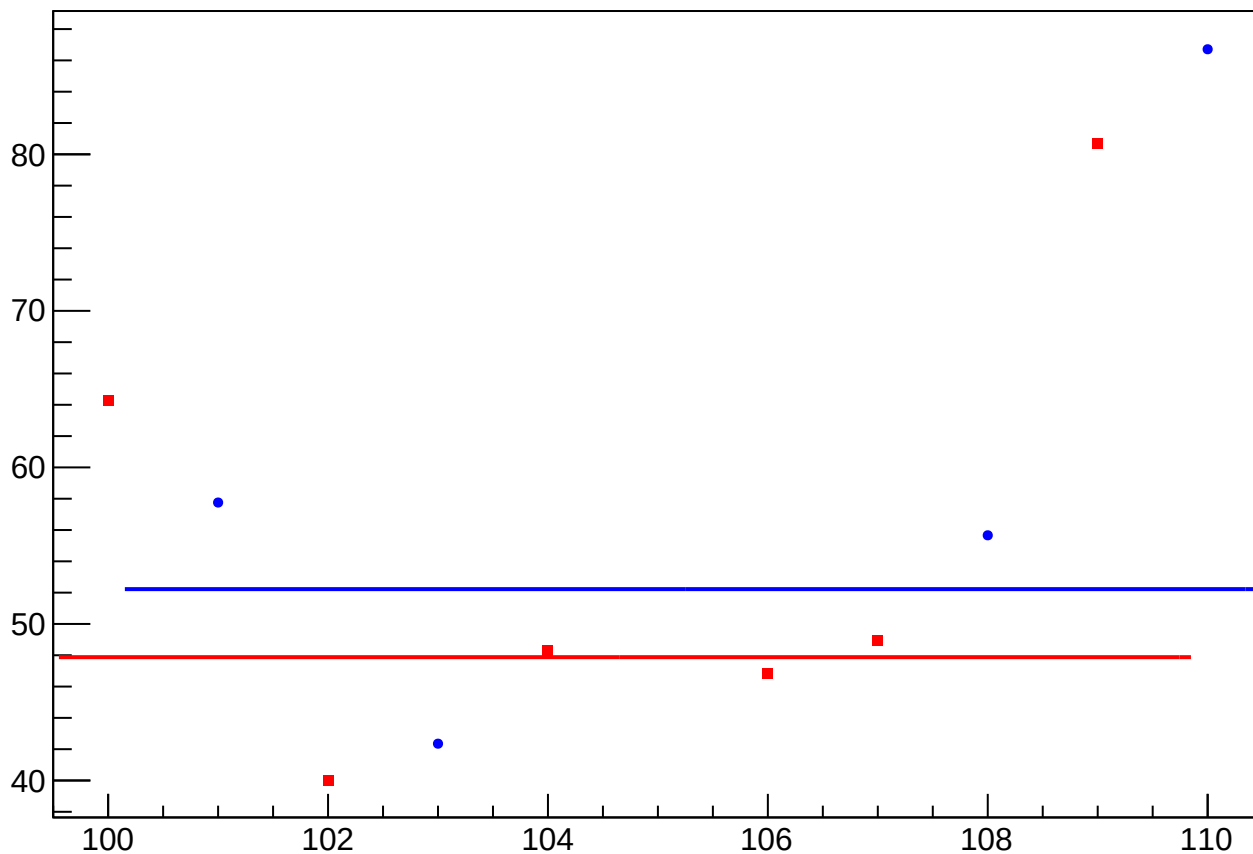
Right: 0.046 $\pm$ 0.025 χ^2 /NDF: 8.8/9

In: 0.061 $\pm$ 0.038 χ^2 /NDF: 1.3/3

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

All: 0.046 $\pm$ 0.025 χ^2 /NDF: 8.8/9

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.224+/-0.027 χ^2/NDF : 193200.9/3

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

Right Out: 47.878+/-0.023 χ^2/NDF : 228349.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

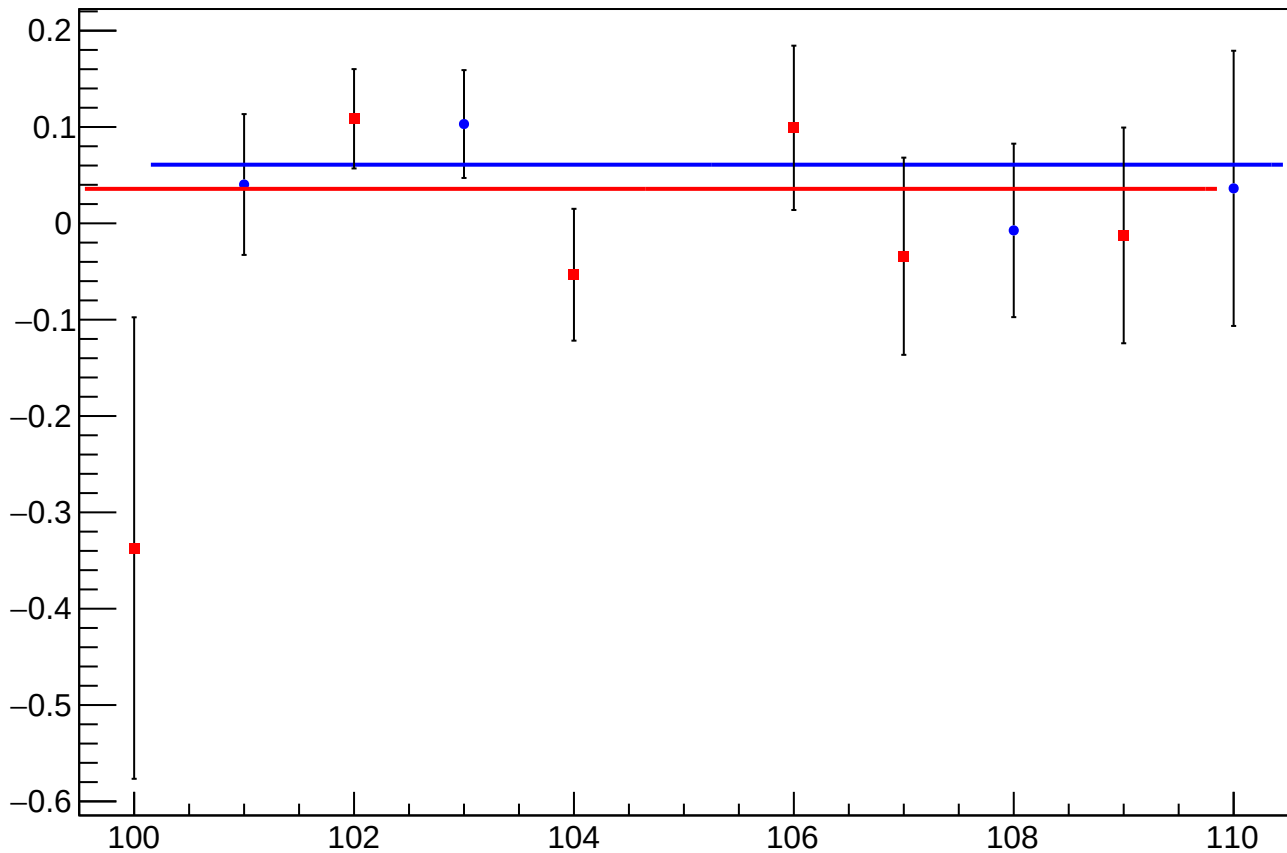
Right: 49.723+/-0.018 χ^2/NDF : 436304.7/9

In: 52.224+/-0.027 χ^2/NDF : 193200.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.723+/-0.018 χ^2/NDF : 436304.7/9

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.061 $\pm$ 0.038 χ^2 /NDF: 1.3/3

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

Right Out: 0.036 $\pm$ 0.033 χ^2 /NDF: 7.3/5

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

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

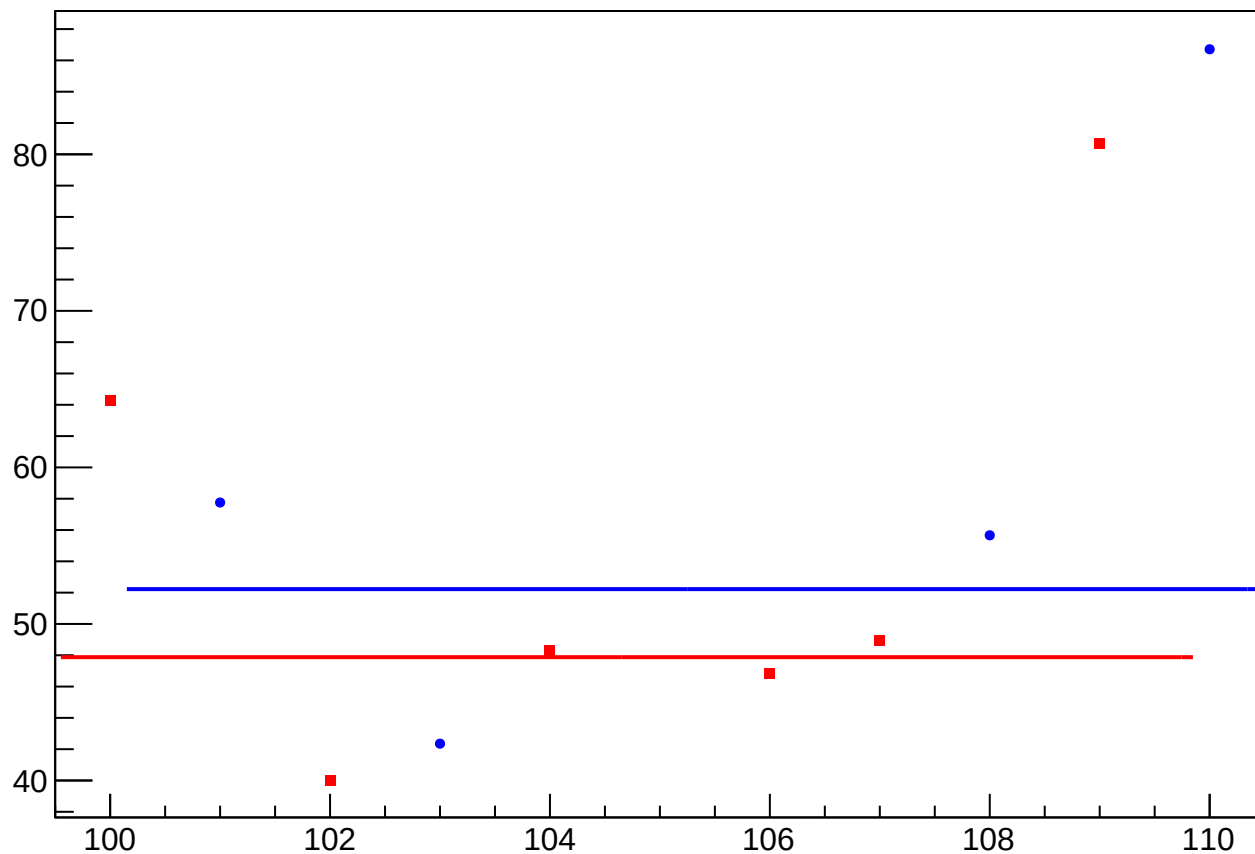
Right: 0.046 $\pm$ 0.025 χ^2 /NDF: 8.8/9

In: 0.061 $\pm$ 0.038 χ^2 /NDF: 1.3/3

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

All: 0.046 $\pm$ 0.025 χ^2 /NDF: 8.8/9

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.224+/-0.027 χ^2/NDF : 193200.9/3

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

Right Out: 47.878+/-0.023 χ^2/NDF : 228349.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

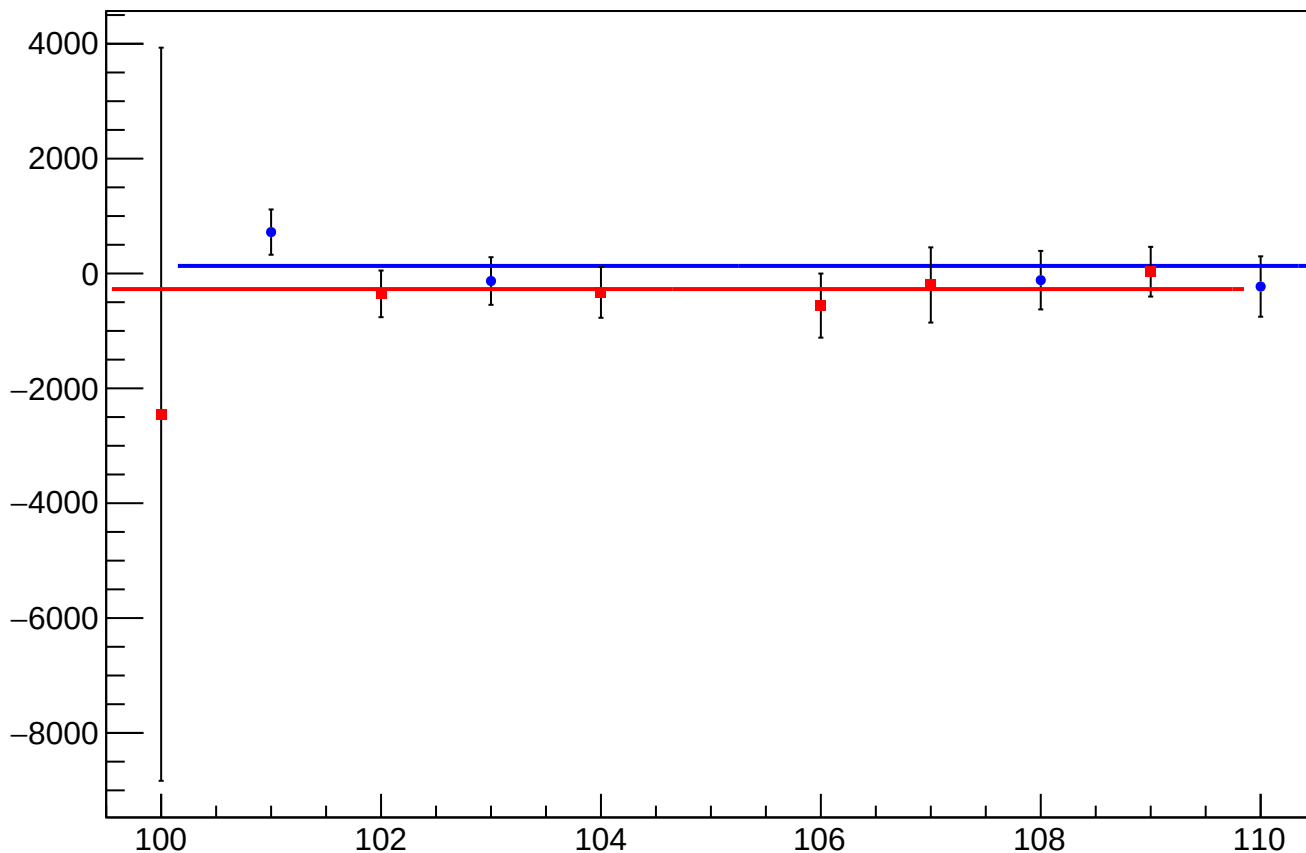
Right: 49.723+/-0.018 χ^2/NDF : 436304.7/9

In: 52.224+/-0.027 χ^2/NDF : 193200.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.723+/-0.018 χ^2/NDF : 436304.7/9

asym_dsl_mean vs Slug, Sign Corrected



Right In: 131.994+/-225.182 χ^2/NDF : 3.3/3

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

Right Out: -271.177+/-212.767 χ^2/NDF : 0.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

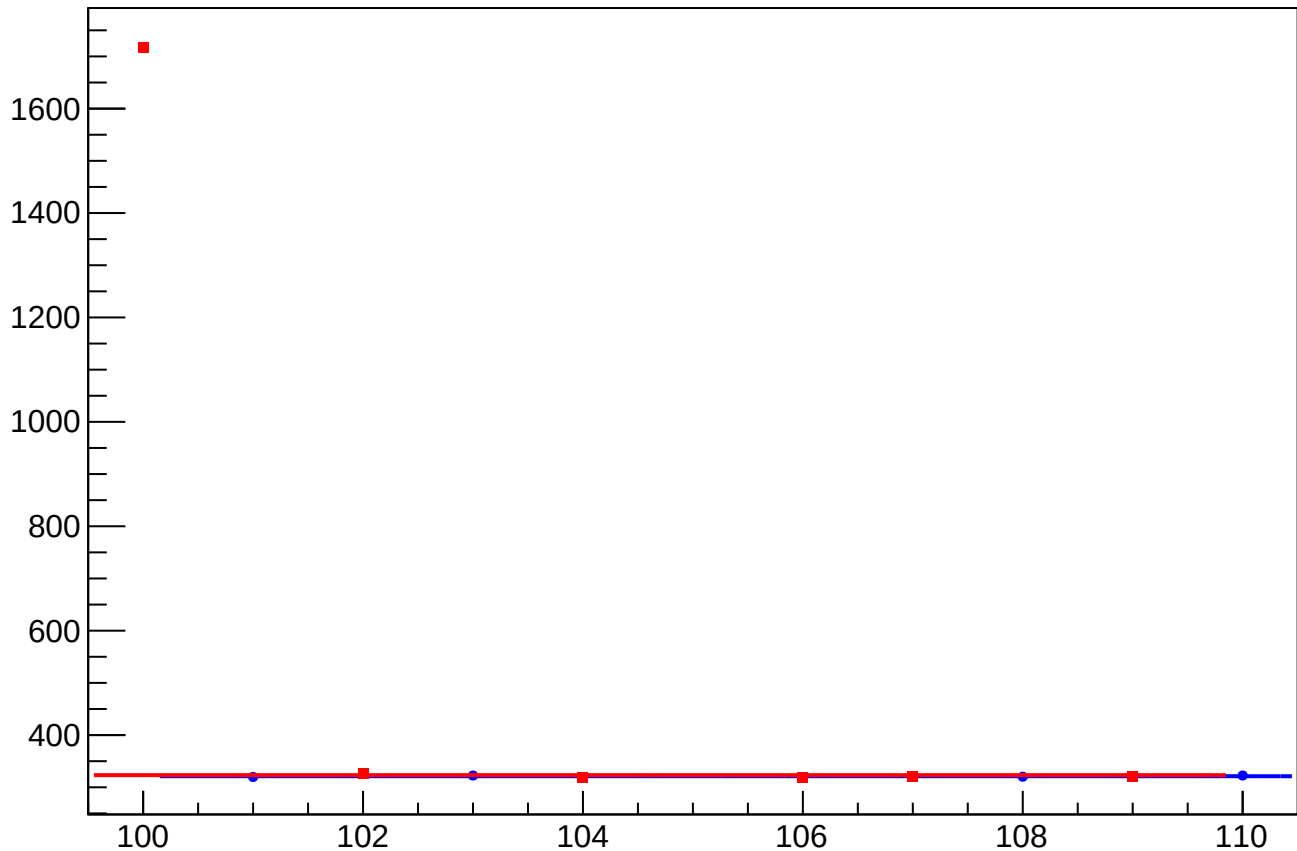
Right: -81.011+/-154.652 χ^2/NDF : 6.0/9

In: 131.994+/-225.182 χ^2/NDF : 3.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.011+/-154.652 χ^2/NDF : 6.0/9

asym_dsl_rms vs Slug, Sign Corrected



Right In: 321.202 $\pm$ 0.159 χ^2 /NDF: 66.2/3

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

Right Out: 323.277 $\pm$ 0.150 χ^2 /NDF: 96148.2/5

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

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

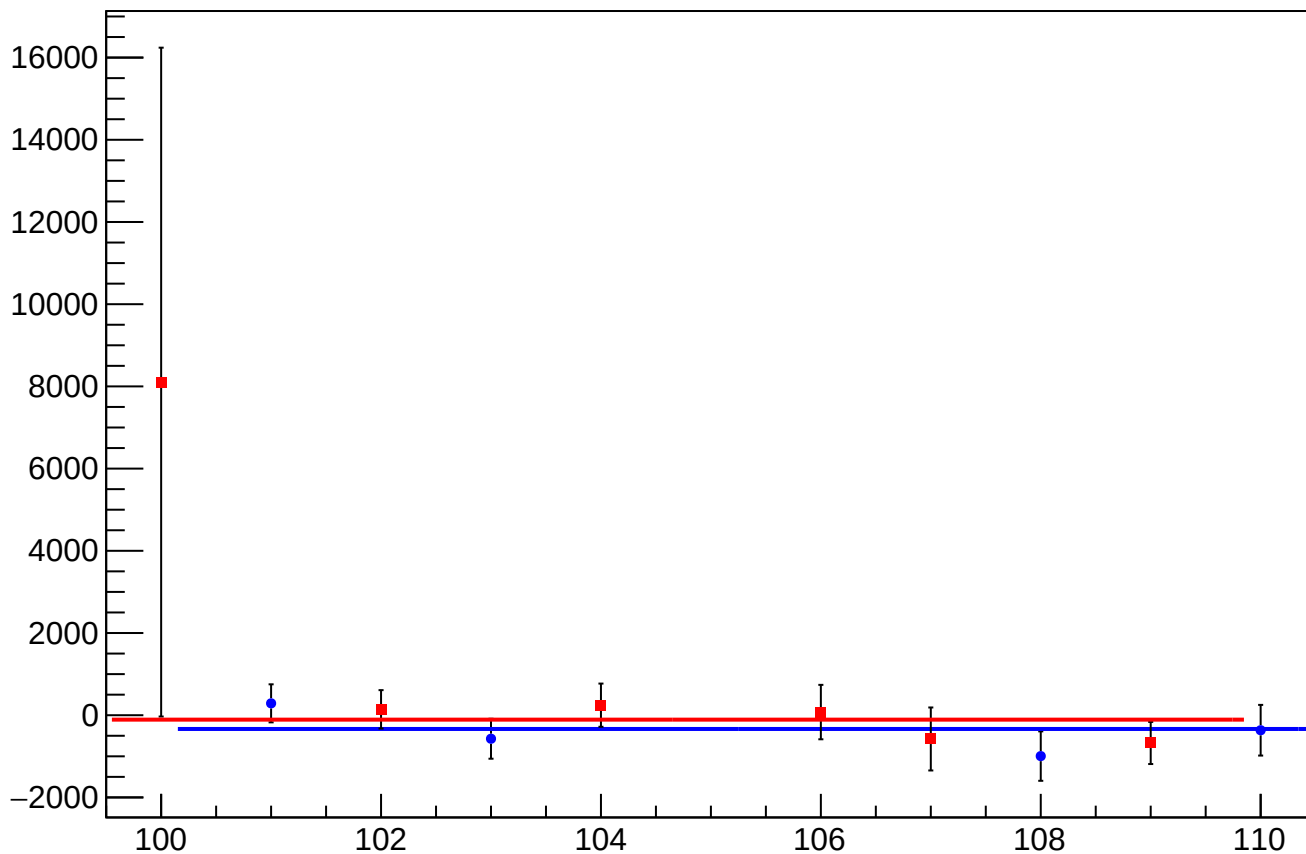
Right: 322.298 $\pm$ 0.109 χ^2 /NDF: 96304.1/9

In: 321.202 $\pm$ 0.159 χ^2 /NDF:66.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 322.298 $\pm$ 0.109 χ^2 /NDF: 96304.1/9

asym_dsr_mean vs Slug, Sign Corrected



Right In: -334.545+/-264.418 χ^2/NDF : 3.3/3

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

Right Out: -107.529+/-249.912 χ^2/NDF : 3.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

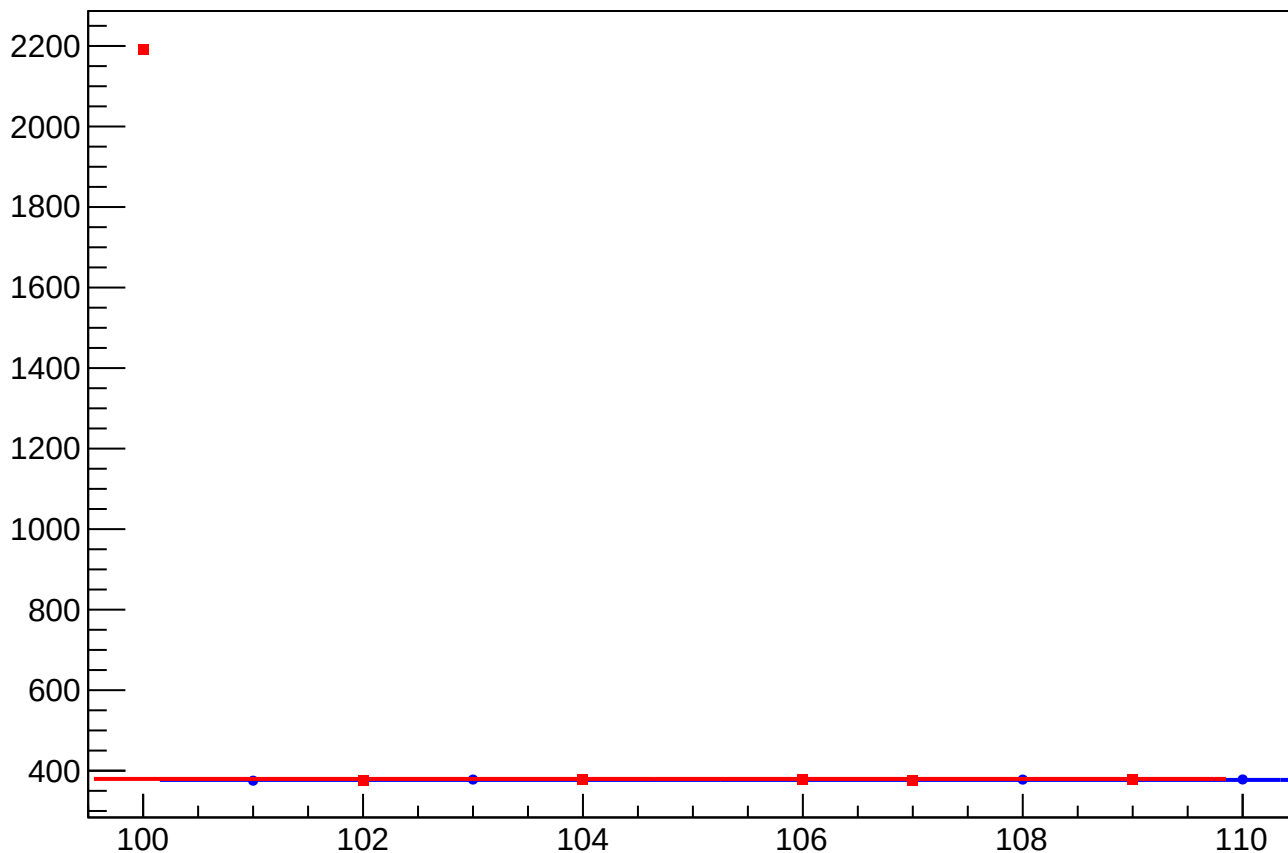
Right: -214.639+/-181.626 χ^2/NDF : 7.1/9

In: -334.545+/-264.418 χ^2/NDF : 3.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.639+/-181.626 χ^2/NDF : 7.1/9

asym_dsr_rms vs Slug, Sign Corrected



Right In: 377.152+/-0.187 χ^2/NDF : 49.8/3

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

Right Out: 379.583+/-0.177 χ^2/NDF : 99153.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

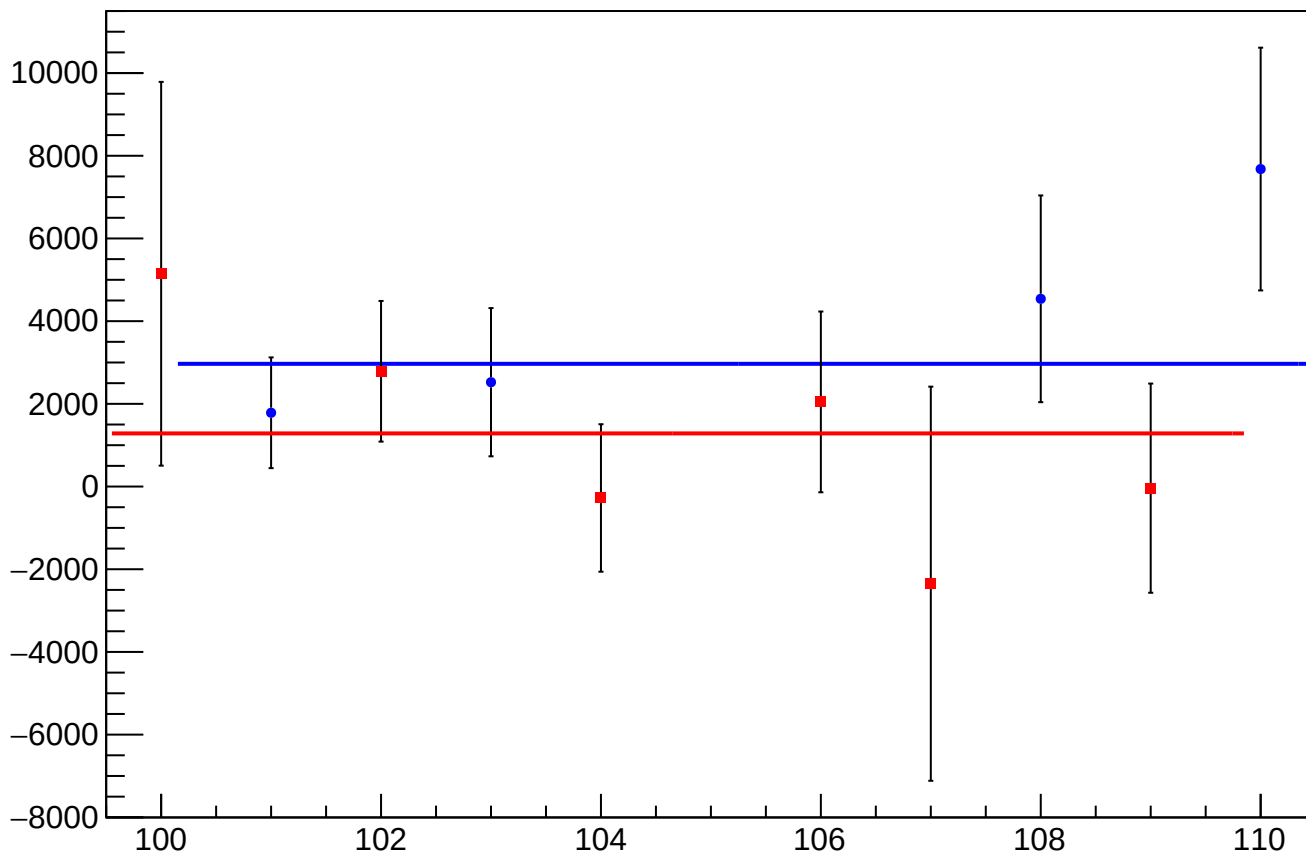
Right: 378.436+/-0.128 χ^2/NDF : 99292.3/9

In: 377.152+/-0.187 χ^2/NDF : 49.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.436+/-0.128 χ^2/NDF : 99292.3/9

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2968.002+/-934.620 χ^2/NDF : 3.8/3

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

Right Out: 1285.209+/-946.634 χ^2/NDF : 3.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

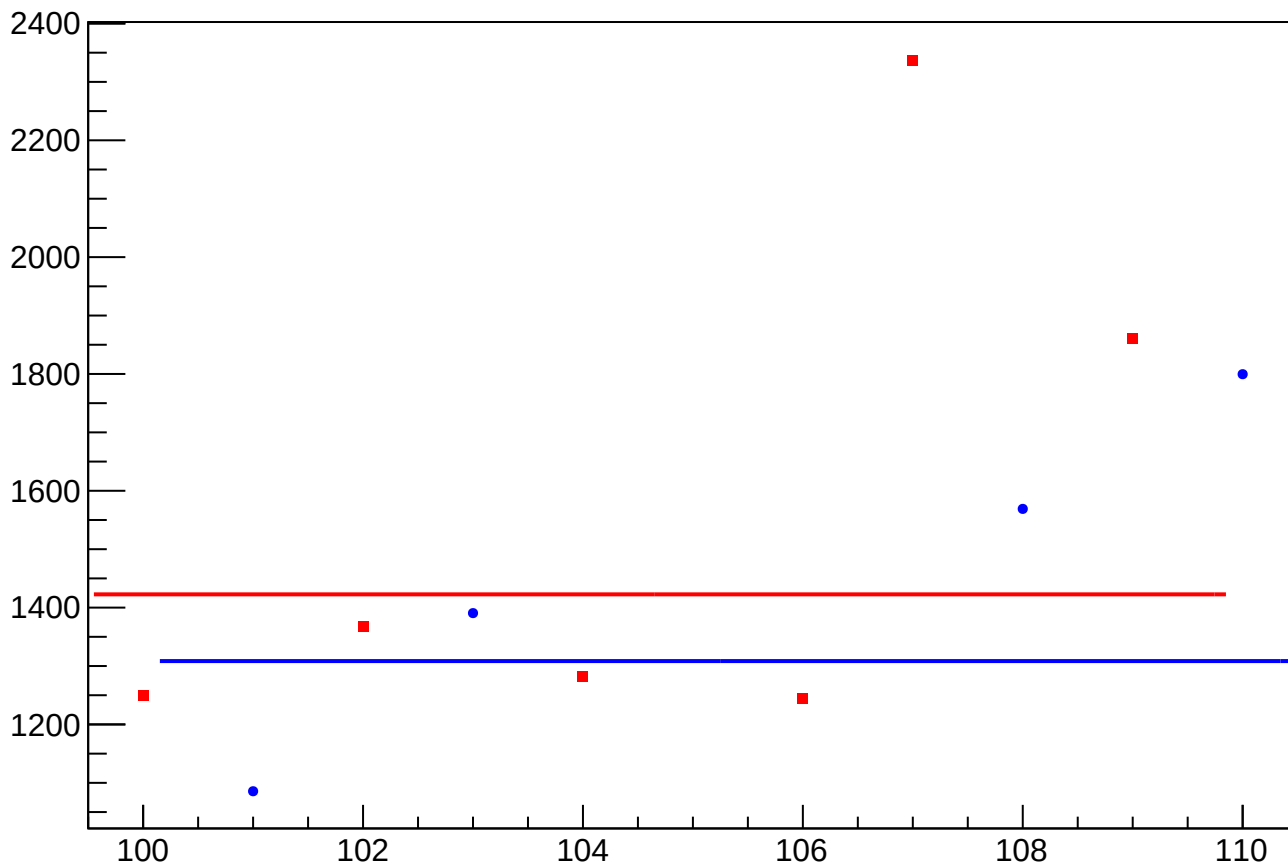
Right: 2137.352+/-665.083 χ^2/NDF : 8.6/9

In: 2968.002+/-934.620 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2137.352+/-665.083 χ^2/NDF : 8.6/9

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1308.468+/-0.661 χ^2/NDF : 137275.0/3

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

Right Out: 1422.694+/-0.669 χ^2/NDF : 164043.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

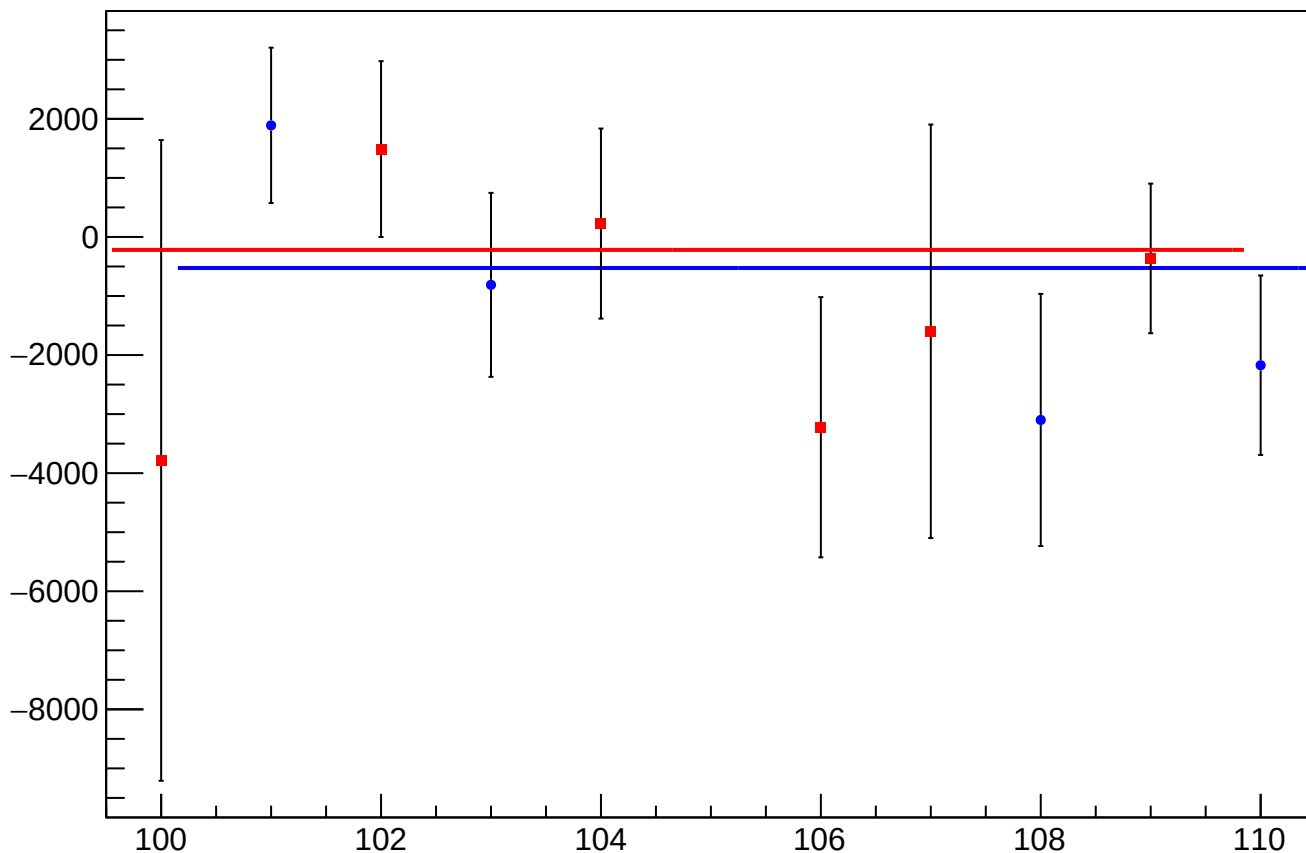
Right: 1364.852+/-0.470 χ^2/NDF : 316064.2/9

In: 1308.468+/-0.661 χ^2/NDF : 137275.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.852+/-0.470 χ^2/NDF : 316064.2/9

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -525.419+/-780.334 χ^2/NDF : 6.0/3

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

Right Out: -219.093+/-749.129 χ^2/NDF : 3.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

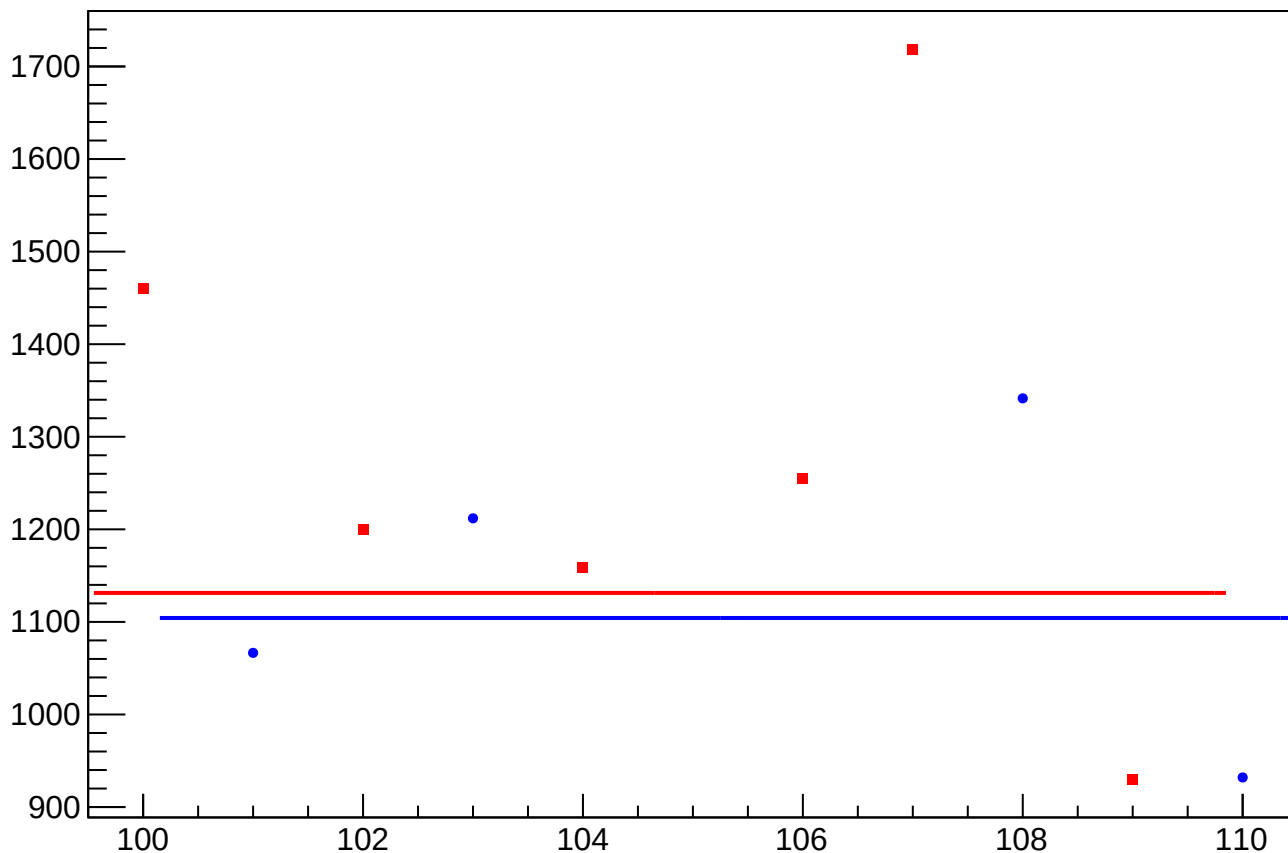
Right: -366.009+/-540.409 χ^2/NDF : 10.0/9

In: -525.419+/-780.334 χ^2/NDF : 6.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -366.009+/-540.409 χ^2/NDF : 10.0/9

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1104.257+/-0.552 χ^2/NDF : 61592.4/3

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

Right Out: 1131.315+/-0.530 χ^2/NDF : 125469.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

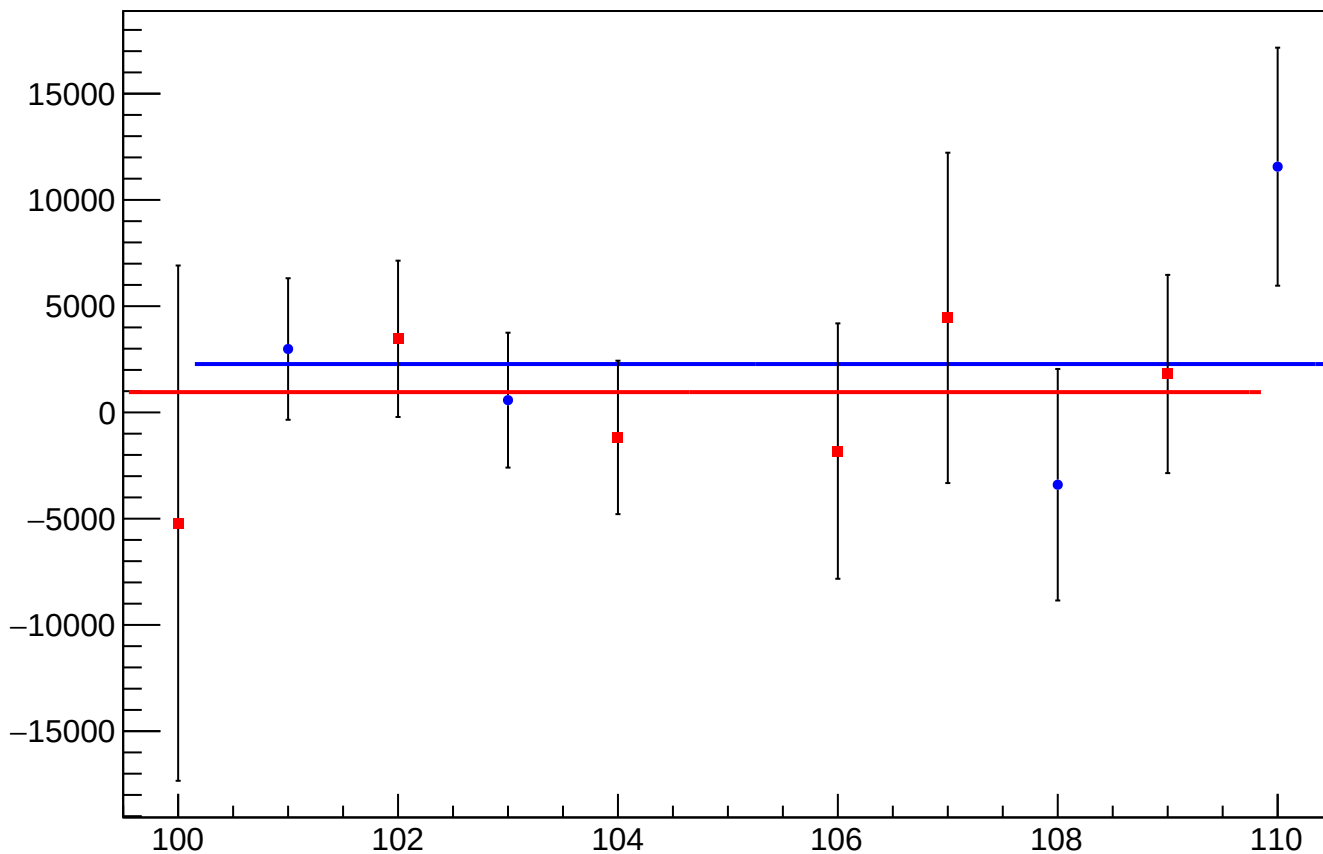
Right: 1118.338+/-0.382 χ^2/NDF : 188313.6/9

In: 1104.257+/-0.552 χ^2/NDF : 61592.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1118.338+/-0.382 χ^2/NDF : 188313.6/9

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2276.096+/-1980.308 χ^2/NDF : 4.2/3

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

Right Out: 955.412+/-2009.523 χ^2/NDF : 1.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

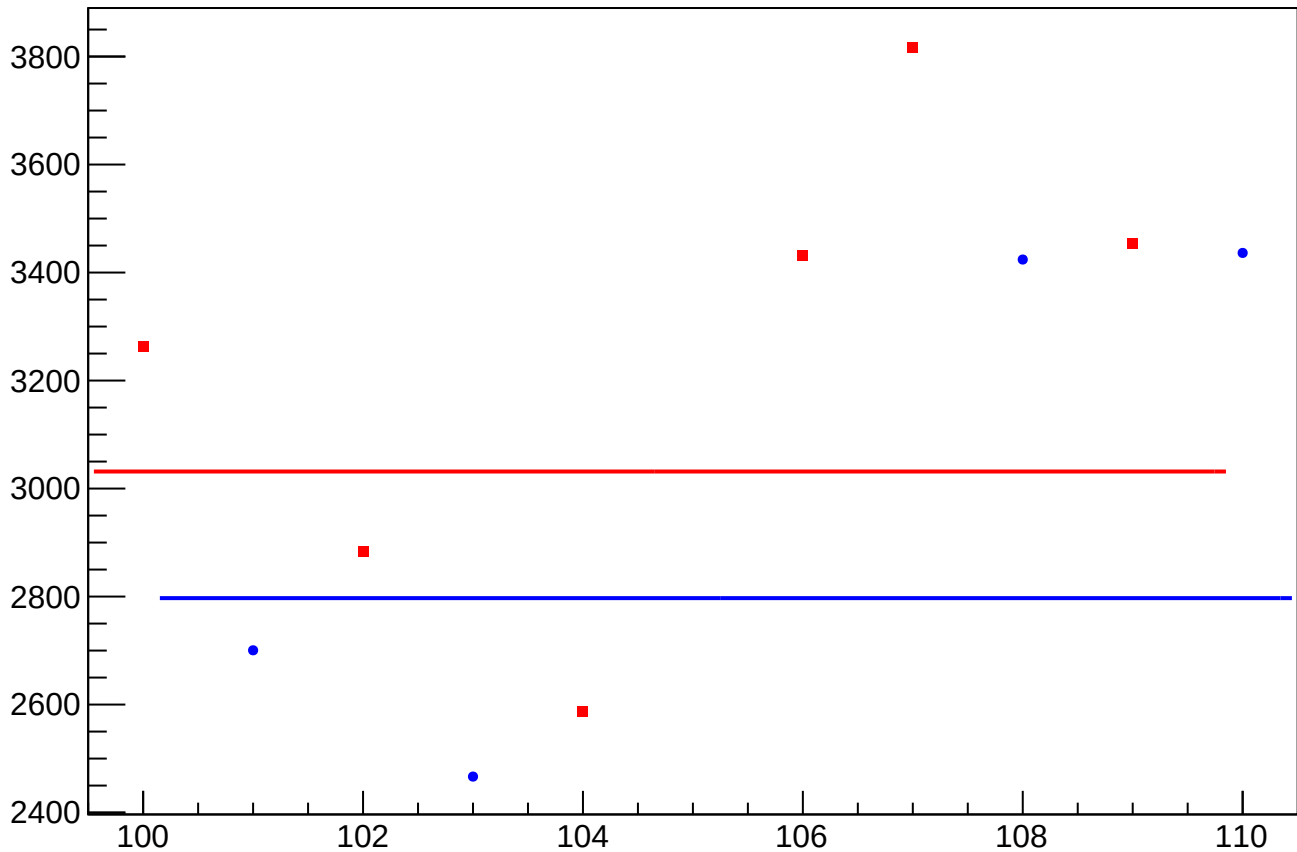
Right: 1625.424+/-1410.505 χ^2/NDF : 5.9/9

In: 2276.096+/-1980.308 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1625.424+/-1410.505 χ^2/NDF : 5.9/9

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2797.108+/-1.400 χ^2/NDF : 75911.9/3

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

Right Out: 3031.573+/-1.421 χ^2/NDF : 79805.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

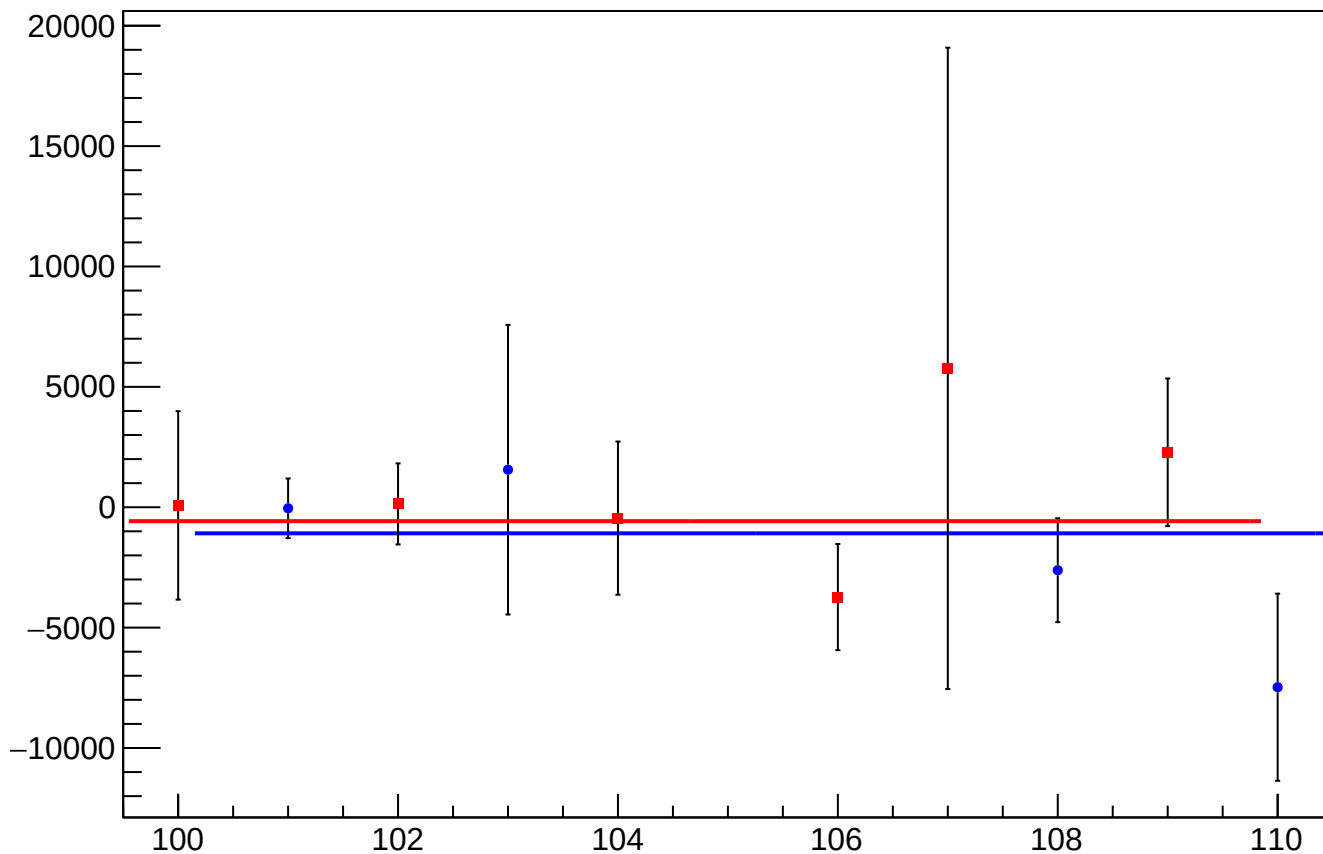
Right: 2912.624+/-0.997 χ^2/NDF : 169530.0/9

In: 2797.108+/-1.400 χ^2/NDF : 75911.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2912.624+/-0.997 χ^2/NDF : 169530.0/9

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -1083.552+/-1019.716 χ^2/NDF : 4.1/3

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

Right Out: -578.962+/-1094.275 χ^2/NDF : 3.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

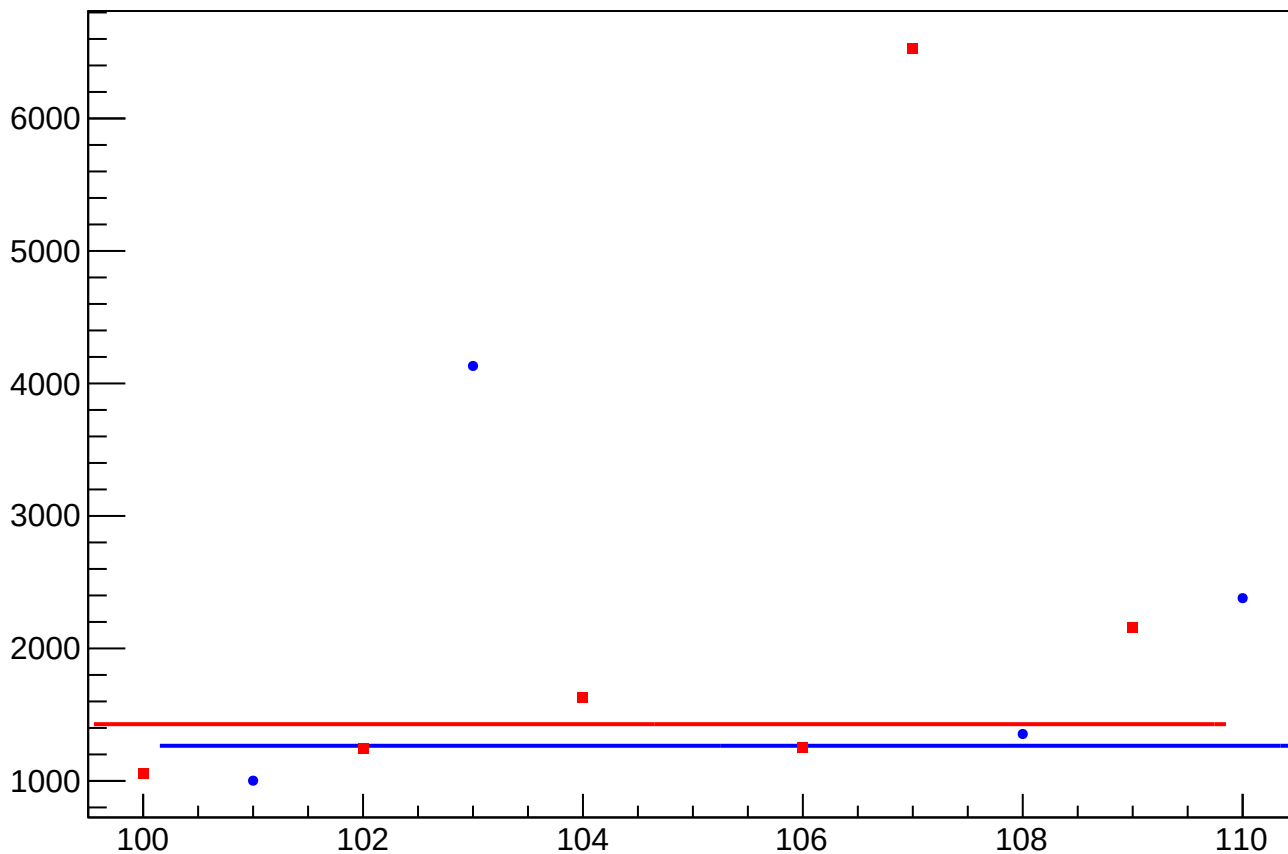
Right: -849.031+/-746.015 χ^2/NDF : 7.6/9

In: -1083.552+/-1019.716 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -849.031+/-746.015 χ^2/NDF : 7.6/9

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1265.378+/-0.721 χ^2 /NDF: 712636.7/3

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

Right Out: 1428.371+/-0.774 χ^2 /NDF: 470249.4/5

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

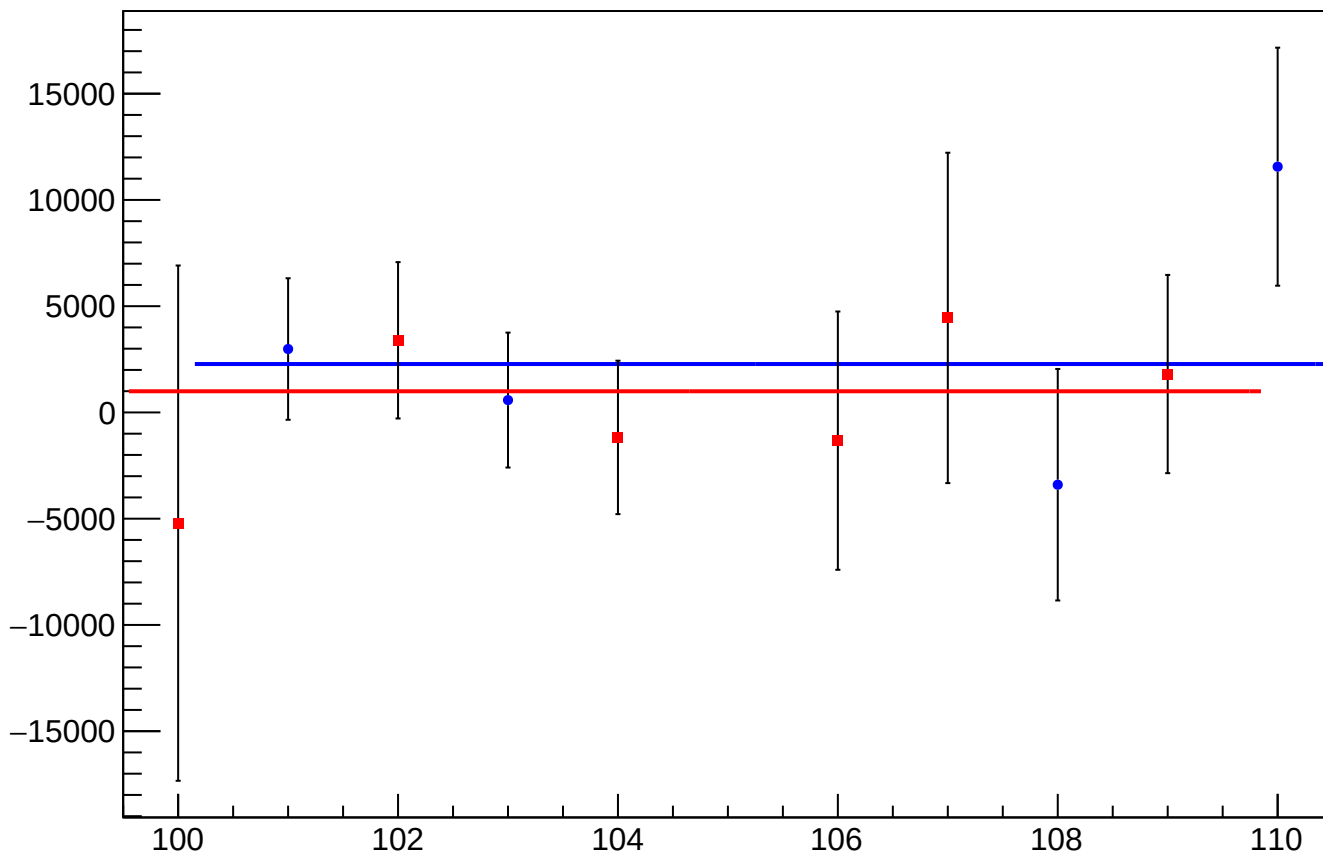
Right: 1341.133+/-0.528 χ^2 /NDF: 1206635.4/9

In: 1265.378+/-0.721 χ^2 /NDF: 712636.7/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1341.133+/-0.528 χ^2 /NDF: 1206635.4/9

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2277.727+/-1980.308 χ^2/NDF : 4.2/3

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

Right Out: 995.443+/-2012.079 χ^2/NDF : 1.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

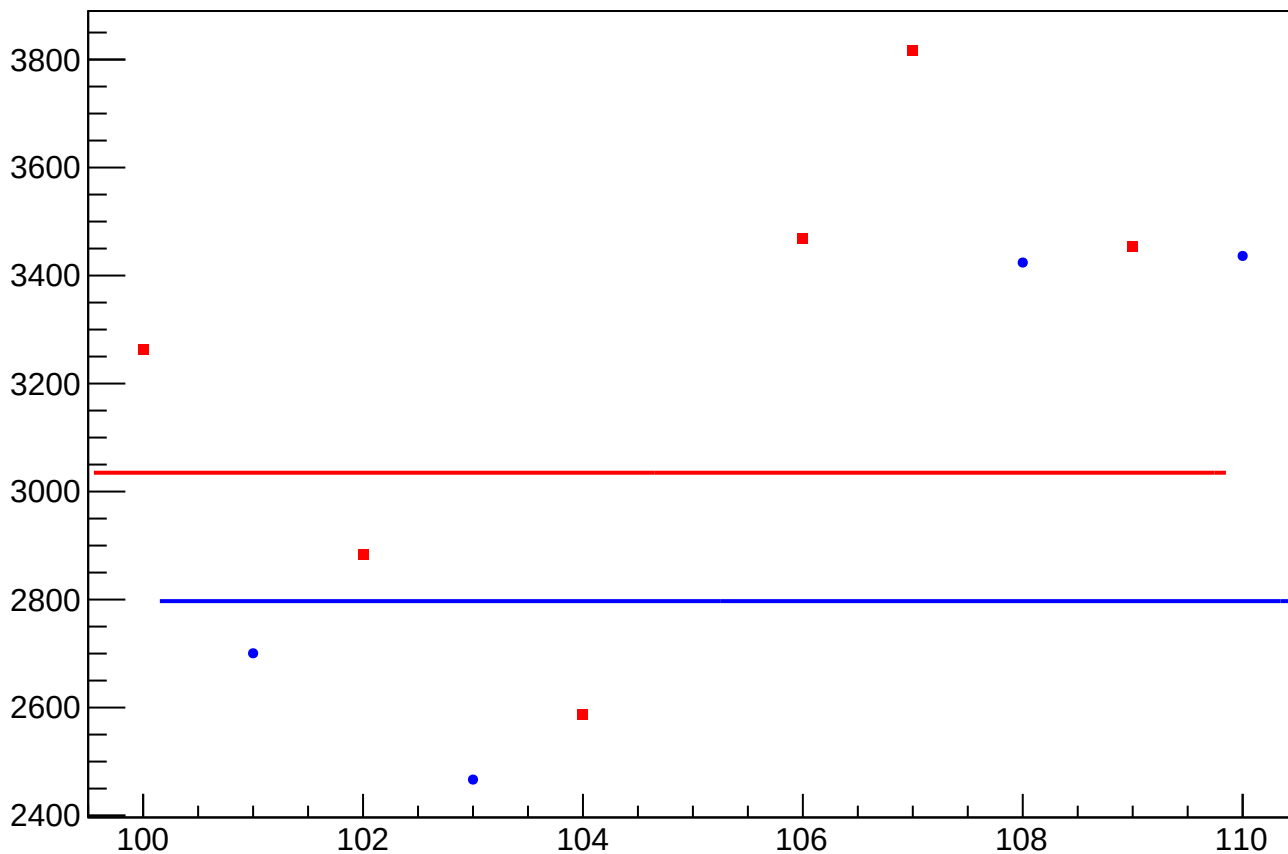
Right: 1646.788+/-1411.388 χ^2/NDF : 5.8/9

In: 2277.727+/-1980.308 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1646.788+/-1411.388 χ^2/NDF : 5.8/9

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2797.108 $\pm$ 1.400 χ^2/NDF : 75911.8/3

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

Right Out: 3034.875 $\pm$ 1.423 χ^2/NDF : 81310.5/5

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

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

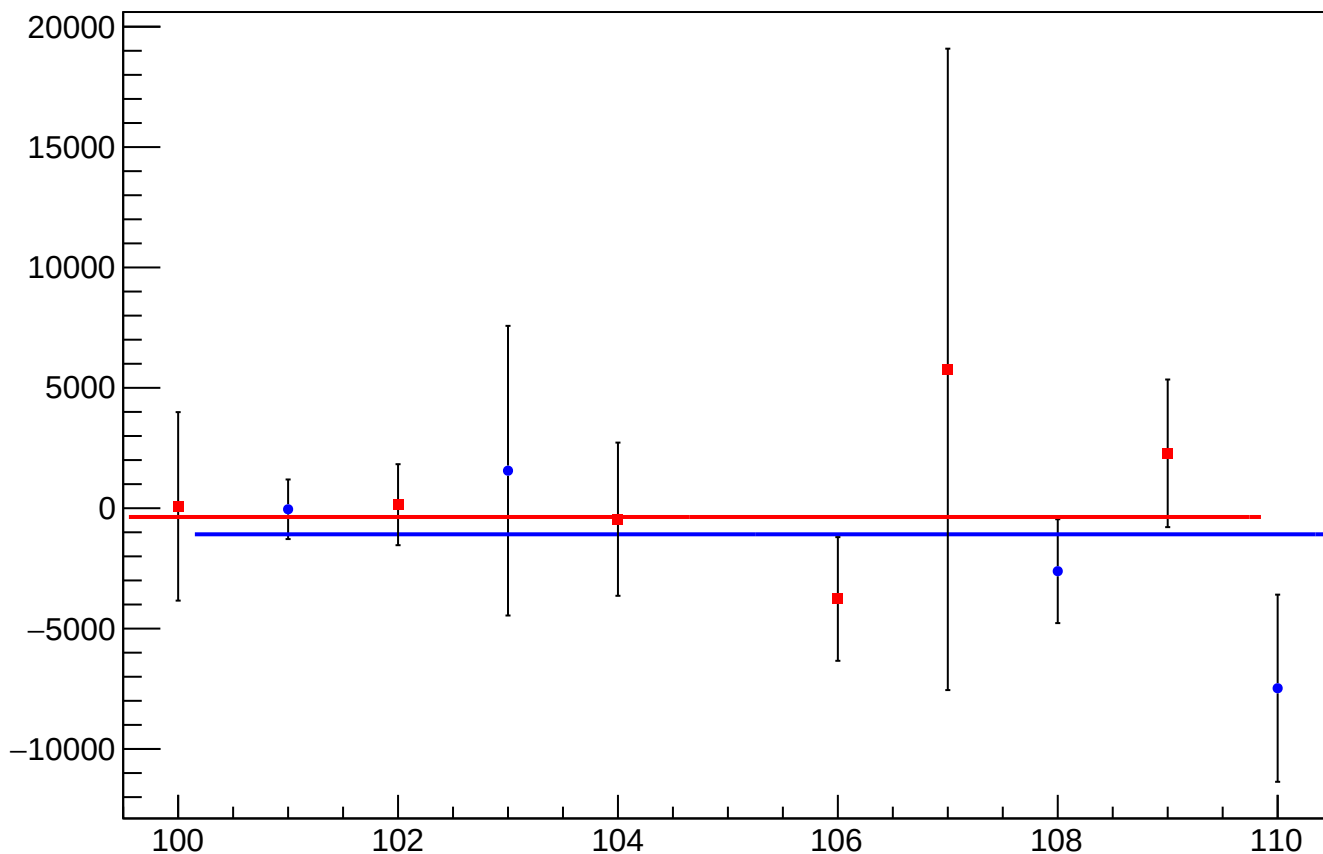
Right: 2914.099 $\pm$ 0.998 χ^2/NDF : 171408.5/9

In: 2797.108 $\pm$ 1.400 χ^2/NDF : 75911.8/3

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

All: 2914.099 $\pm$ 0.998 χ^2/NDF : 171408.5/9

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -1083.547+/-1019.708 χ^2/NDF : 4.1/3

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

Right Out: -364.217+/-1131.584 χ^2/NDF : 2.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

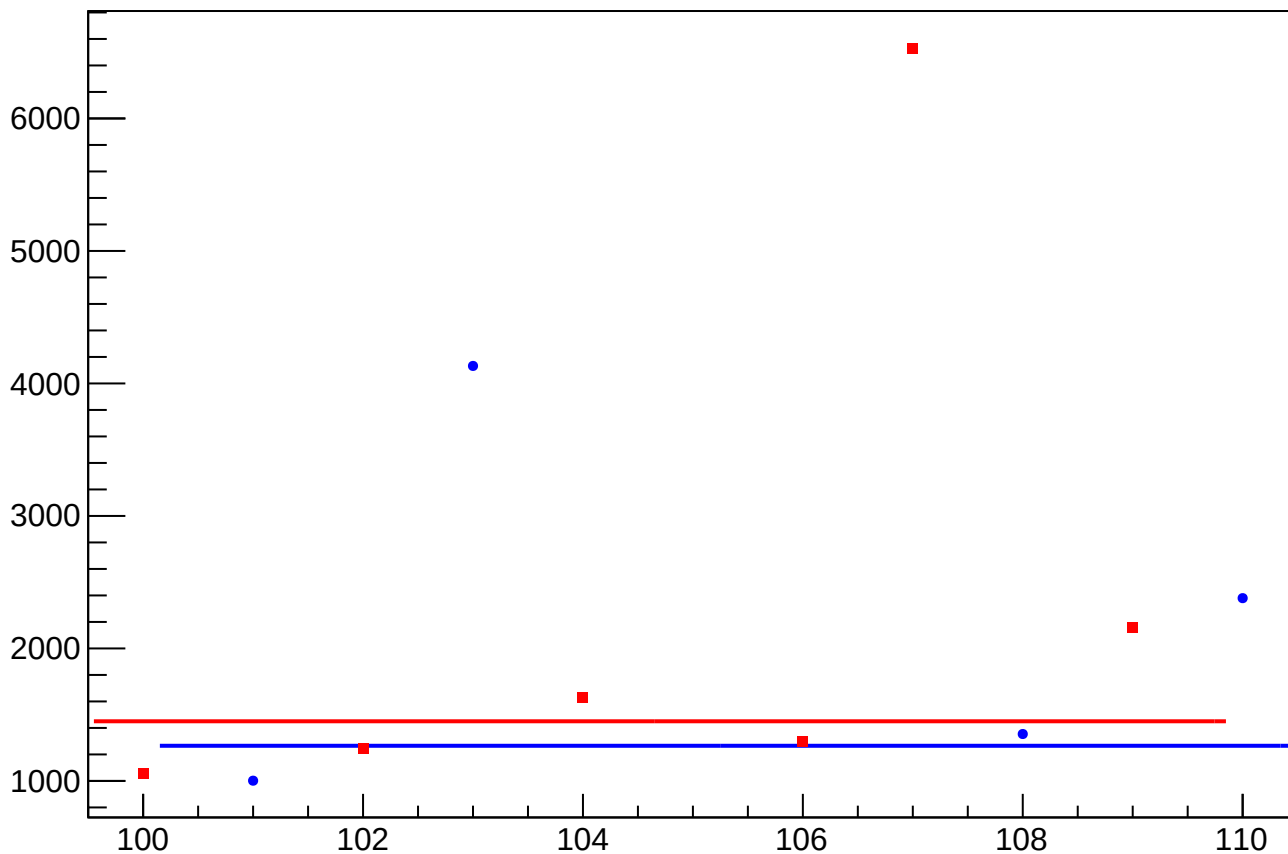
Right: -761.189+/-757.516 χ^2/NDF : 7.1/9

In: -1083.547+/-1019.708 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -761.189+/-757.516 χ^2/NDF : 7.1/9

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1265.359+/-0.721 χ^2/NDF : 712642.4/3

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

Right Out: 1450.226+/-0.800 χ^2/NDF : 461528.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

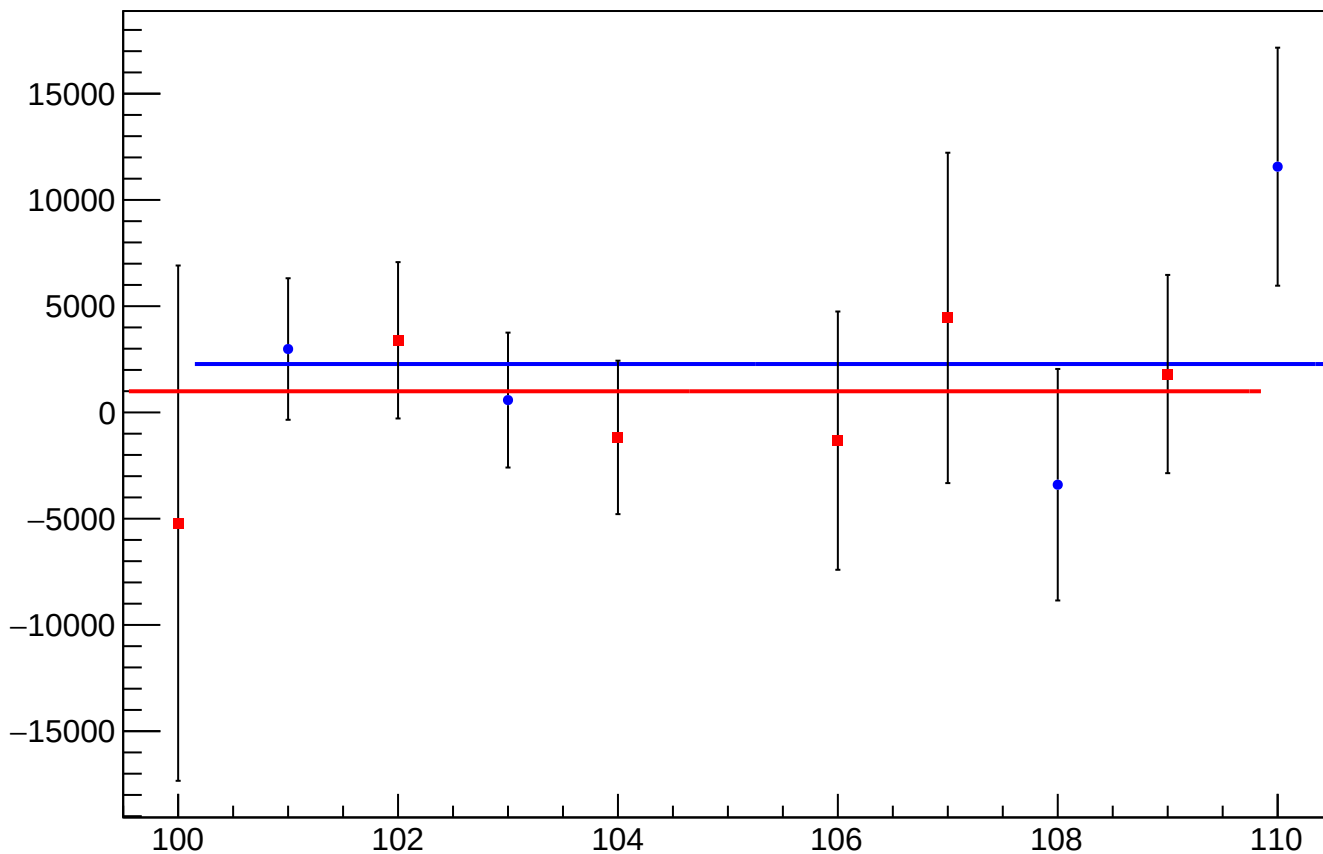
Right: 1348.205+/-0.536 χ^2/NDF : 1203628.8/9

In: 1265.359+/-0.721 χ^2/NDF : 712642.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.205+/-0.536 χ^2/NDF : 1203628.8/9

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2277.727+/-1980.308 χ^2/NDF : 4.2/3

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

Right Out: 995.443+/-2012.079 χ^2/NDF : 1.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

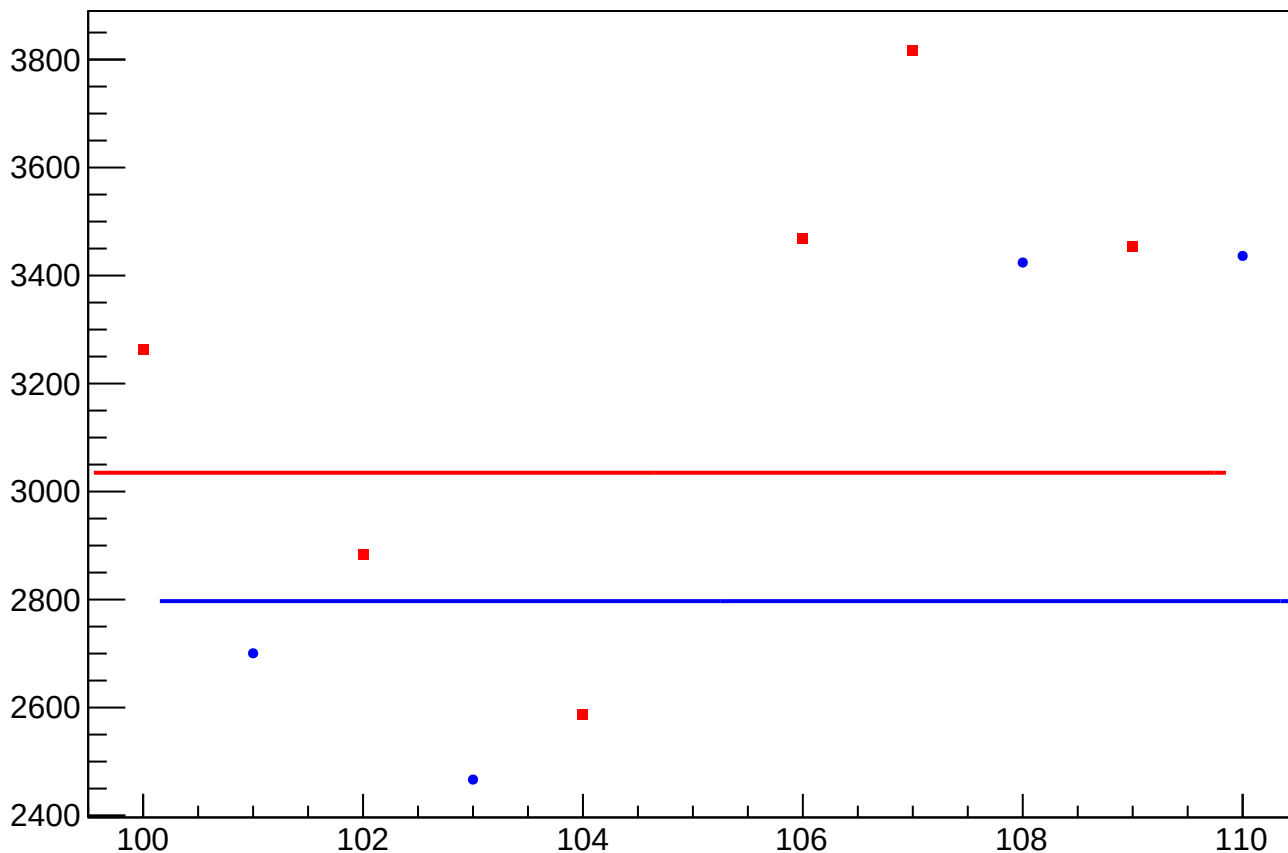
Right: 1646.788+/-1411.388 χ^2/NDF : 5.8/9

In: 2277.727+/-1980.308 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1646.788+/-1411.388 χ^2/NDF : 5.8/9

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2797.108+/-1.400 χ^2/NDF : 75911.8/3

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

Right Out: 3034.875+/-1.423 χ^2/NDF : 81310.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

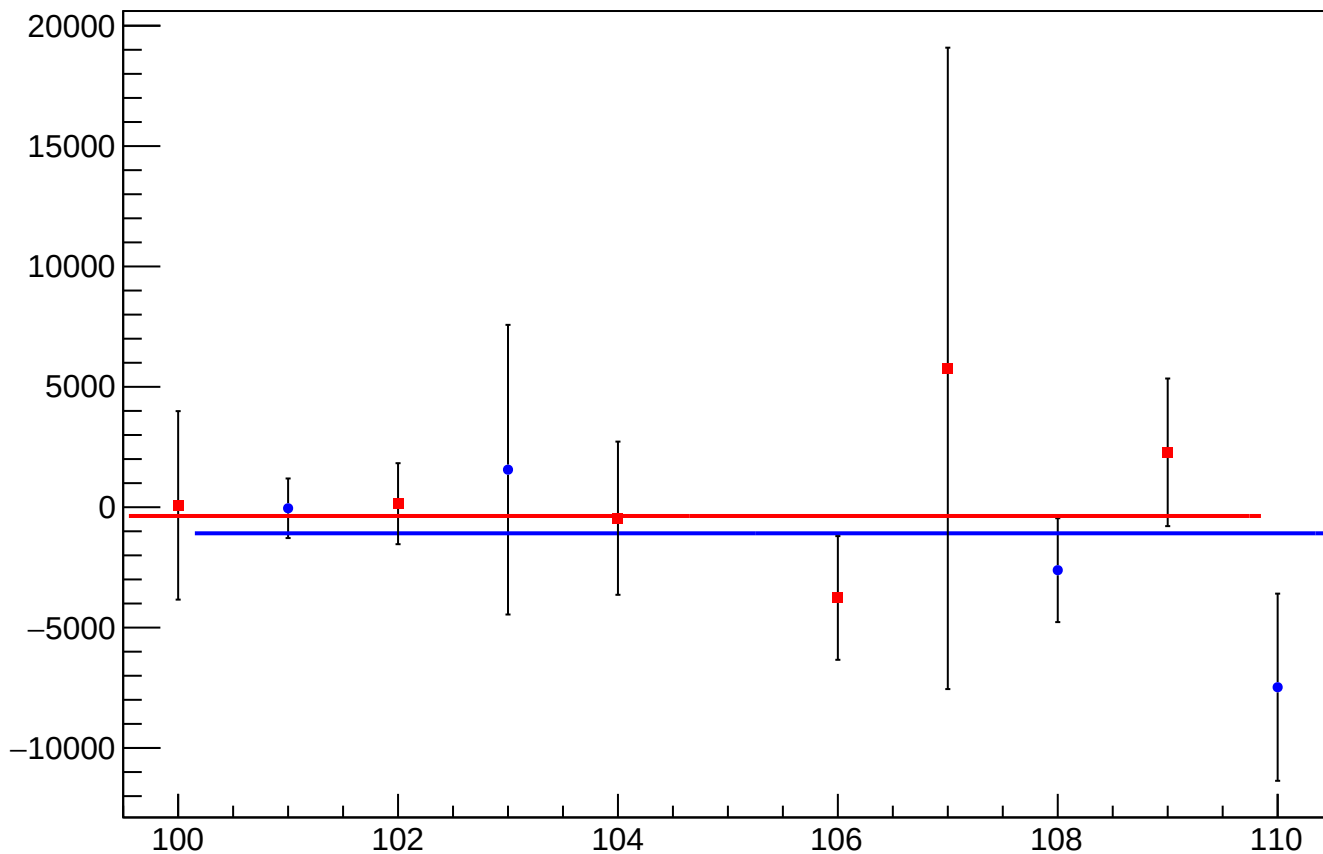
Right: 2914.099+/-0.998 χ^2/NDF : 171408.5/9

In: 2797.108+/-1.400 χ^2/NDF : 75911.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2914.099+/-0.998 χ^2/NDF : 171408.5/9

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1083.547+/-1019.708 χ^2/NDF : 4.1/3

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

Right Out: -364.217+/-1131.584 χ^2/NDF : 2.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

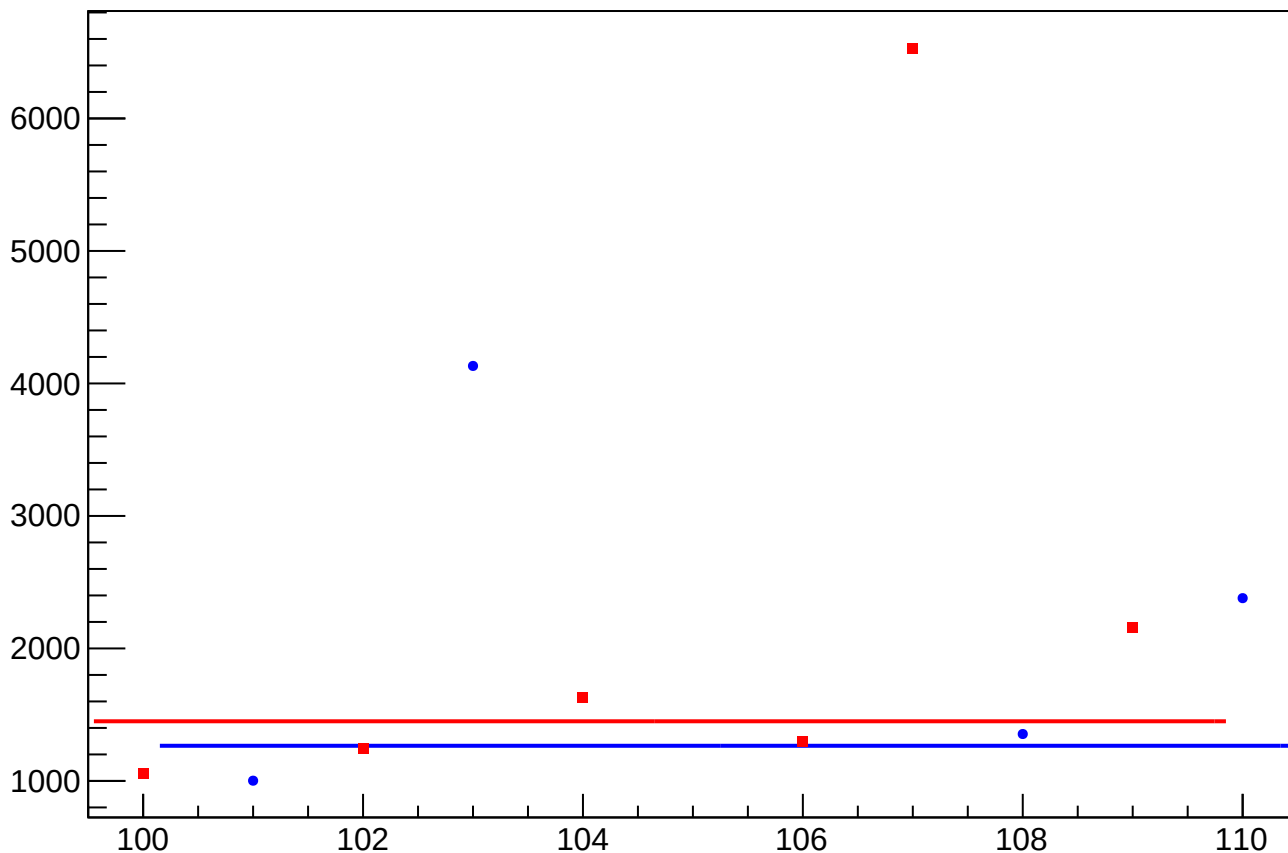
Right: -761.189+/-757.516 χ^2/NDF : 7.1/9

In: -1083.547+/-1019.708 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -761.189+/-757.516 χ^2/NDF : 7.1/9

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1265.359+/-0.721 χ^2/NDF : 712642.4/3

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

Right Out: 1450.226+/-0.800 χ^2/NDF : 461528.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

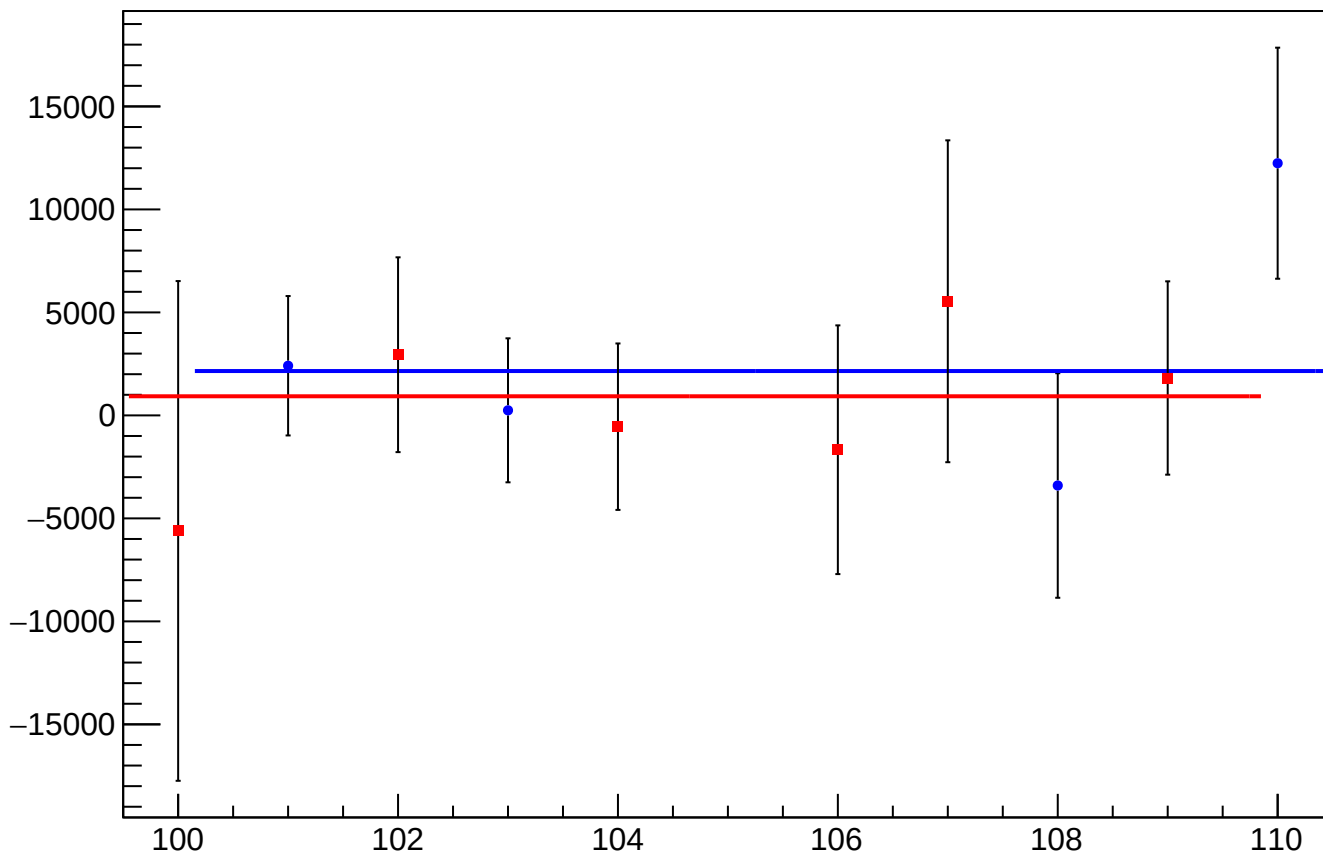
Right: 1348.205+/-0.536 χ^2/NDF : 1203628.8/9

In: 1265.359+/-0.721 χ^2/NDF : 712642.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.205+/-0.536 χ^2/NDF : 1203628.8/9

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2153.341+/-2064.629 χ^2/NDF : 4.6/3

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

Right Out: 927.945+/-2225.020 χ^2/NDF : 1.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

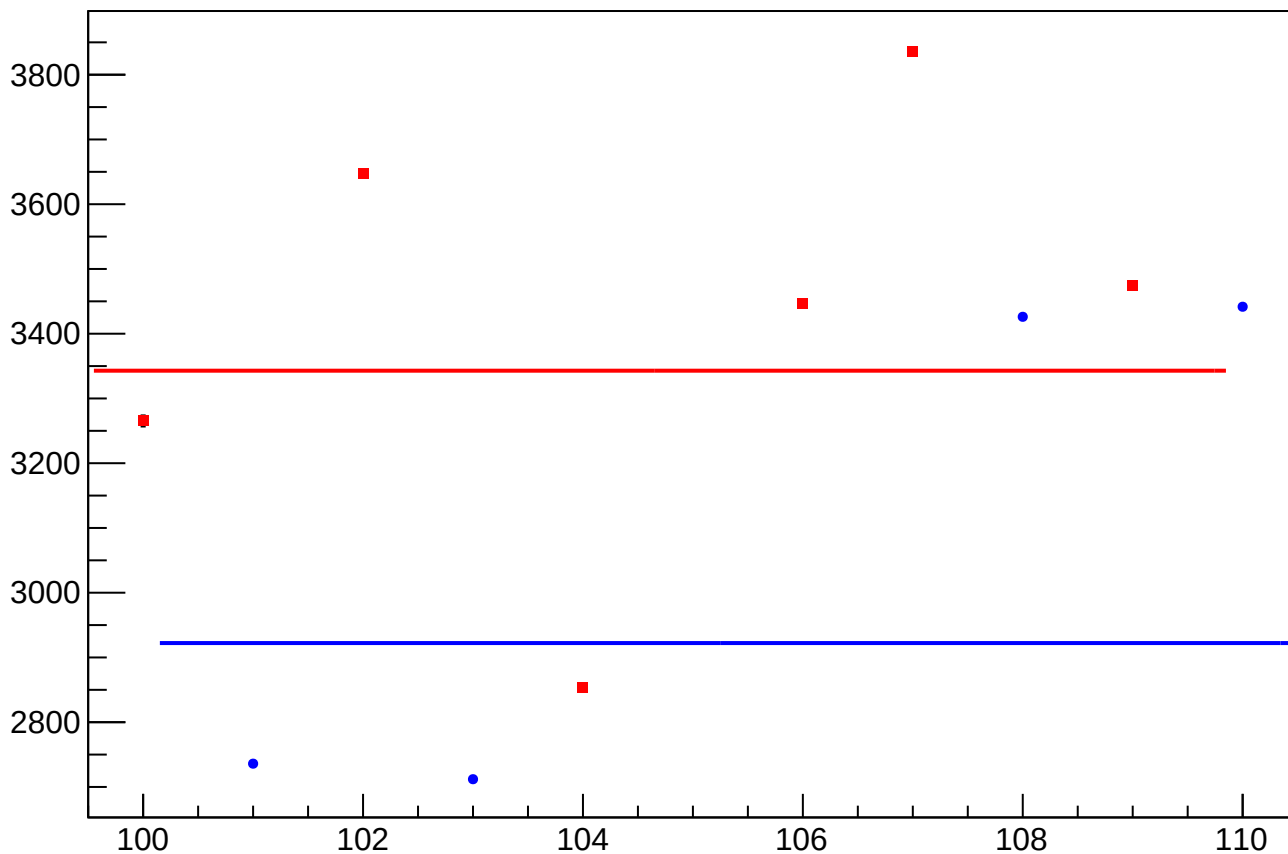
Right: 1586.397+/-1513.442 χ^2/NDF : 5.9/9

In: 2153.341+/-2064.629 χ^2/NDF : 4.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.397+/-1513.442 χ^2/NDF : 5.9/9

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2922.232+/-1.460 χ^2/NDF : 47536.2/3

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

Right Out: 3342.890+/-1.573 χ^2/NDF : 47940.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

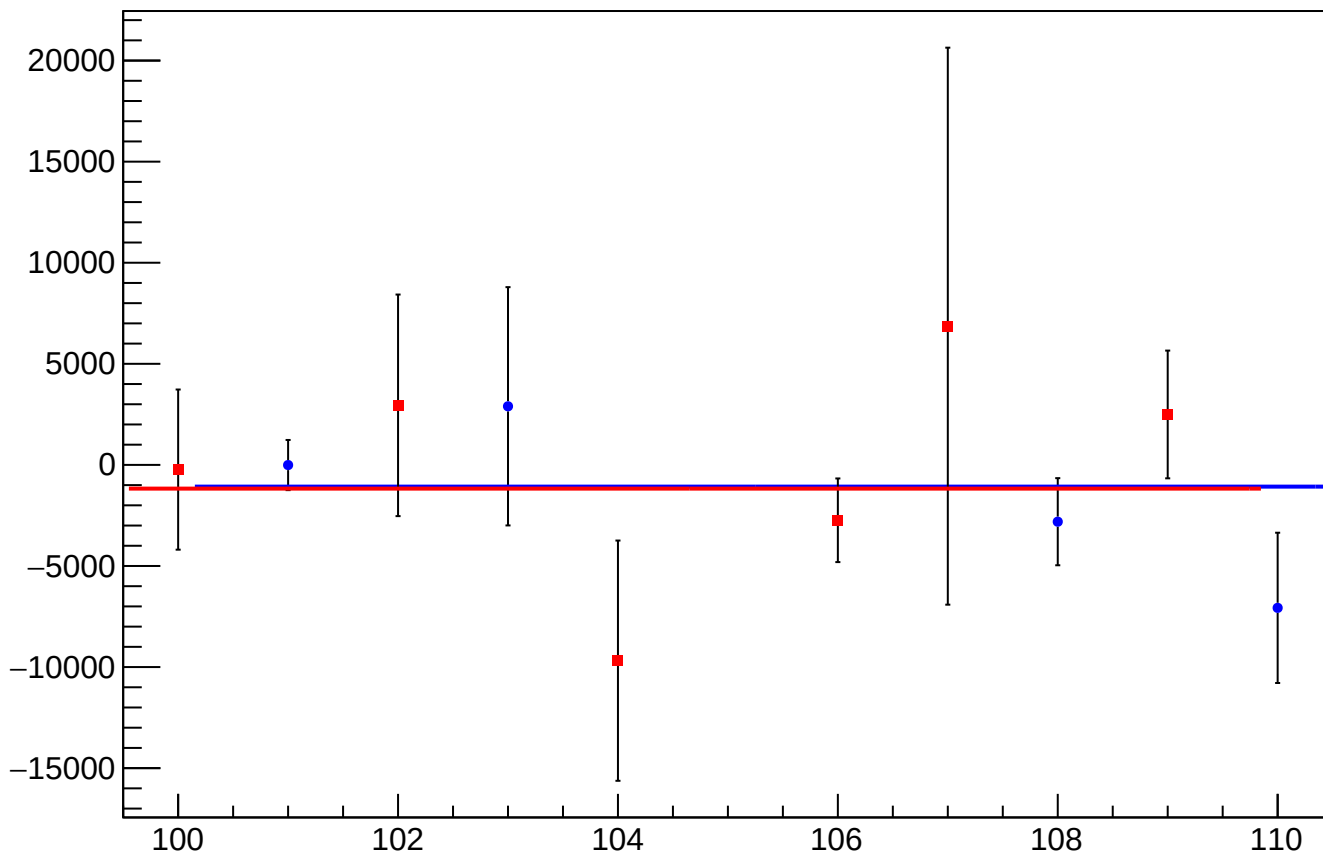
Right: 3116.855+/-1.070 χ^2/NDF : 133888.4/9

In: 2922.232+/-1.460 χ^2/NDF : 47536.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3116.855+/-1.070 χ^2/NDF : 133888.4/9

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -1074.375+/-1017.168 χ^2/NDF : 4.4/3

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

Right Out: -1173.036+/-1467.324 χ^2/NDF : 4.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

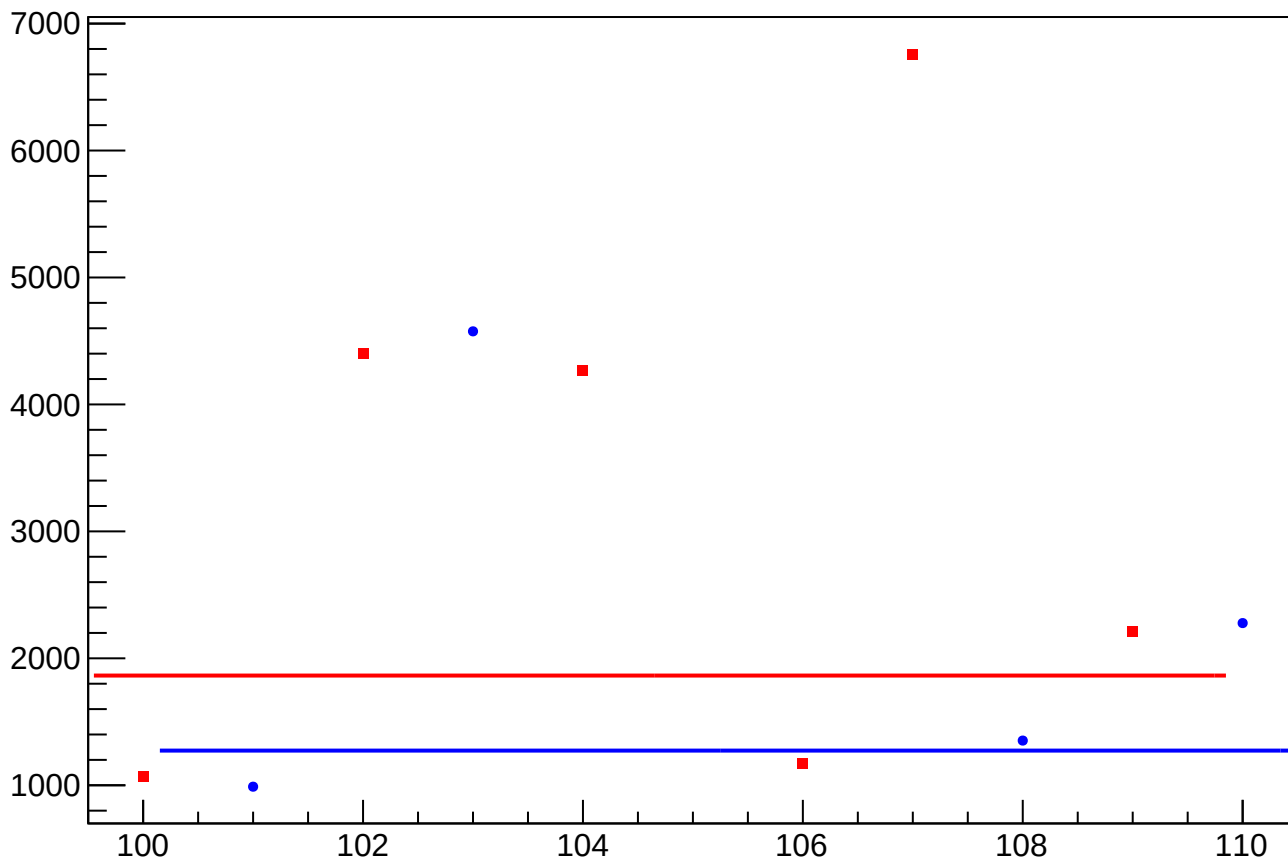
Right: -1106.397+/-835.953 χ^2/NDF : 9.4/9

In: -1074.375+/-1017.168 χ^2/NDF : 4.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1106.397+/-835.953 χ^2/NDF : 9.4/9

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1273.181+/-0.719 χ^2/NDF : 881888.9/3

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

Right Out: 1864.283+/-1.038 χ^2/NDF : 1336365.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

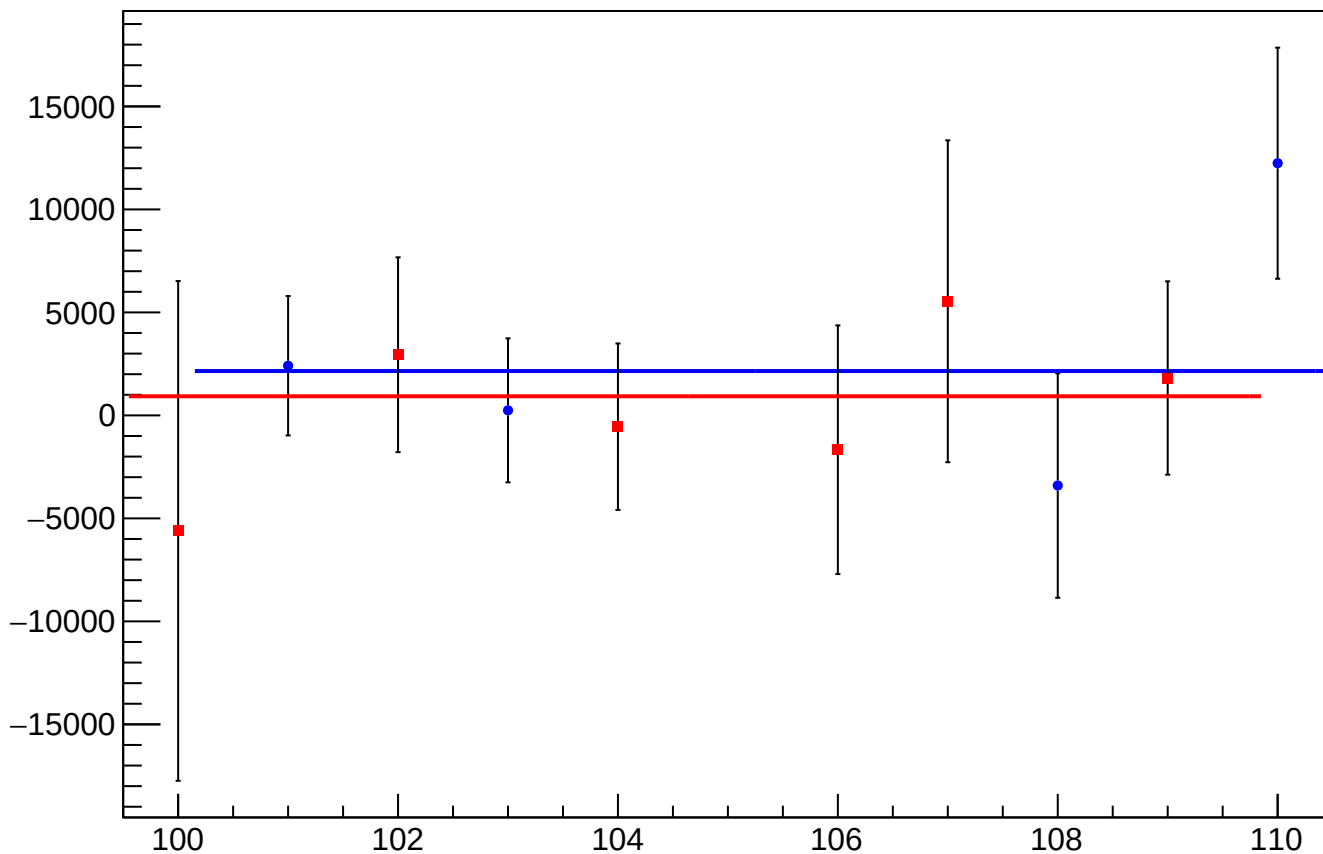
Right: 1465.036+/-0.591 χ^2/NDF : 2437475.2/9

In: 1273.181+/-0.719 χ^2/NDF : 881888.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1465.036+/-0.591 χ^2/NDF : 2437475.2/9

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2153.331+/-2064.628 χ^2/NDF : 4.6/3

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

Right Out: 927.936+/-2225.018 χ^2/NDF : 1.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

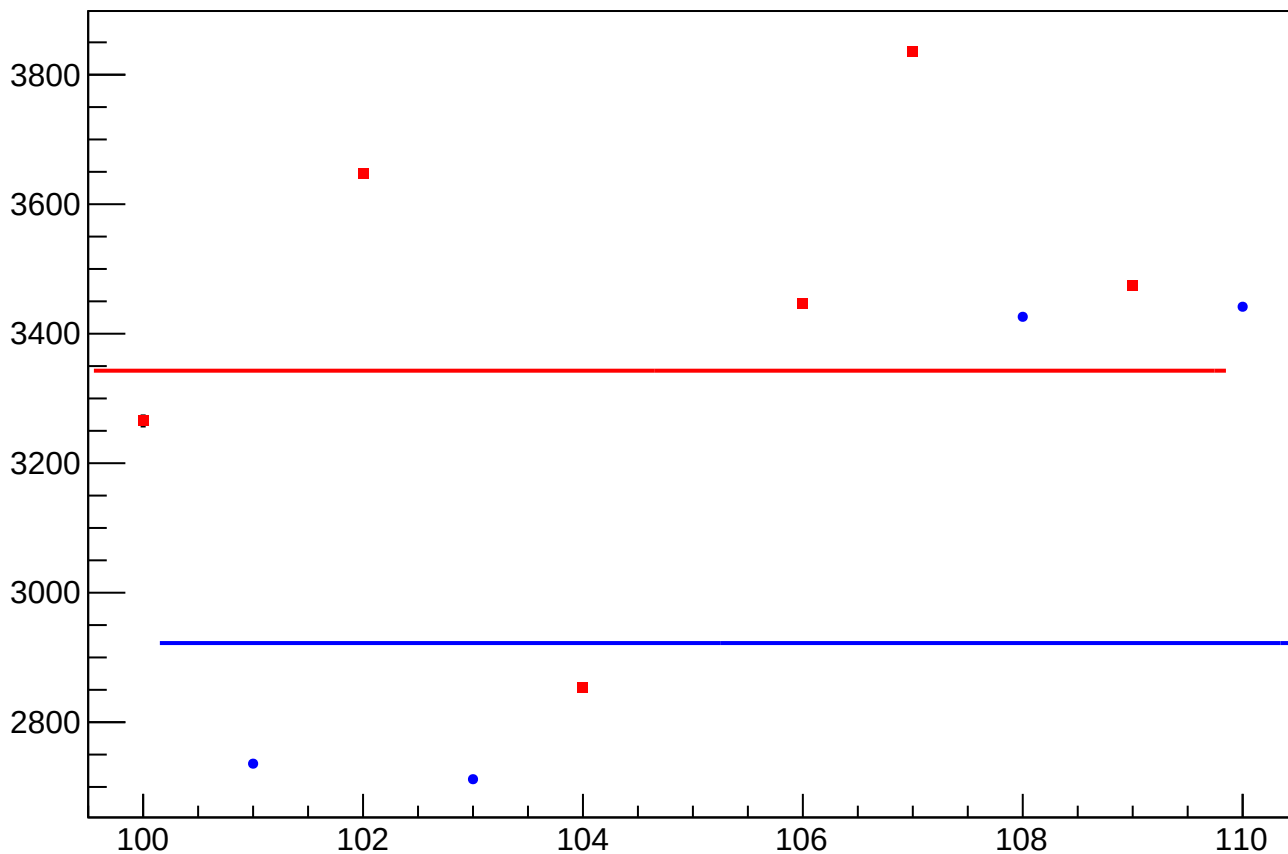
Right: 1586.388+/-1513.441 χ^2/NDF : 5.9/9

In: 2153.331+/-2064.628 χ^2/NDF : 4.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.388+/-1513.441 χ^2/NDF : 5.9/9

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2922.230+/-1.460 χ^2/NDF : 47536.6/3

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

Right Out: 3342.887+/-1.573 χ^2/NDF : 47940.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

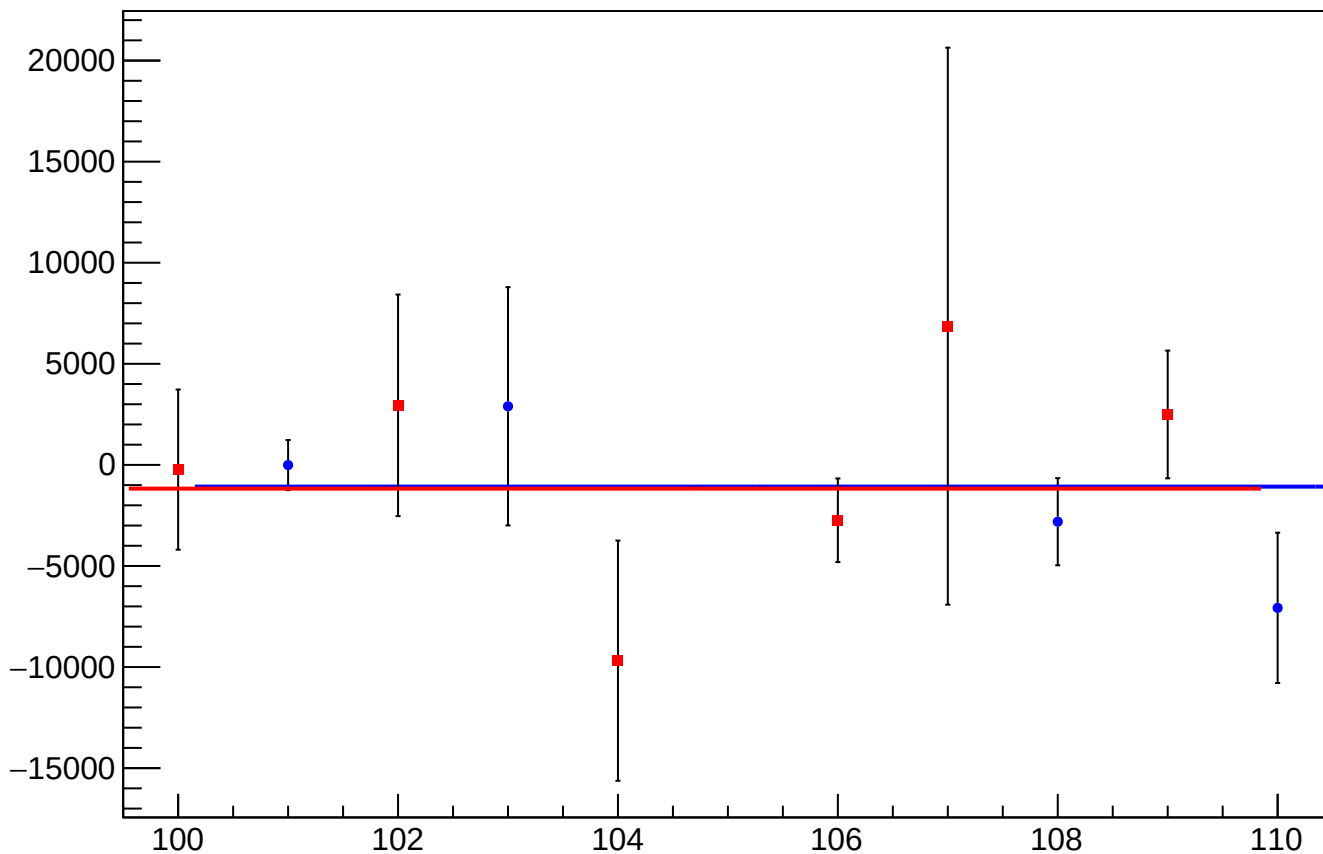
Right: 3116.852+/-1.070 χ^2/NDF : 133889.4/9

In: 2922.230+/-1.460 χ^2/NDF : 47536.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3116.852+/-1.070 χ^2/NDF : 133889.4/9

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1074.381+/-1017.168 χ^2/NDF : 4.4/3

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

Right Out: -1173.032+/-1467.323 χ^2/NDF : 4.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

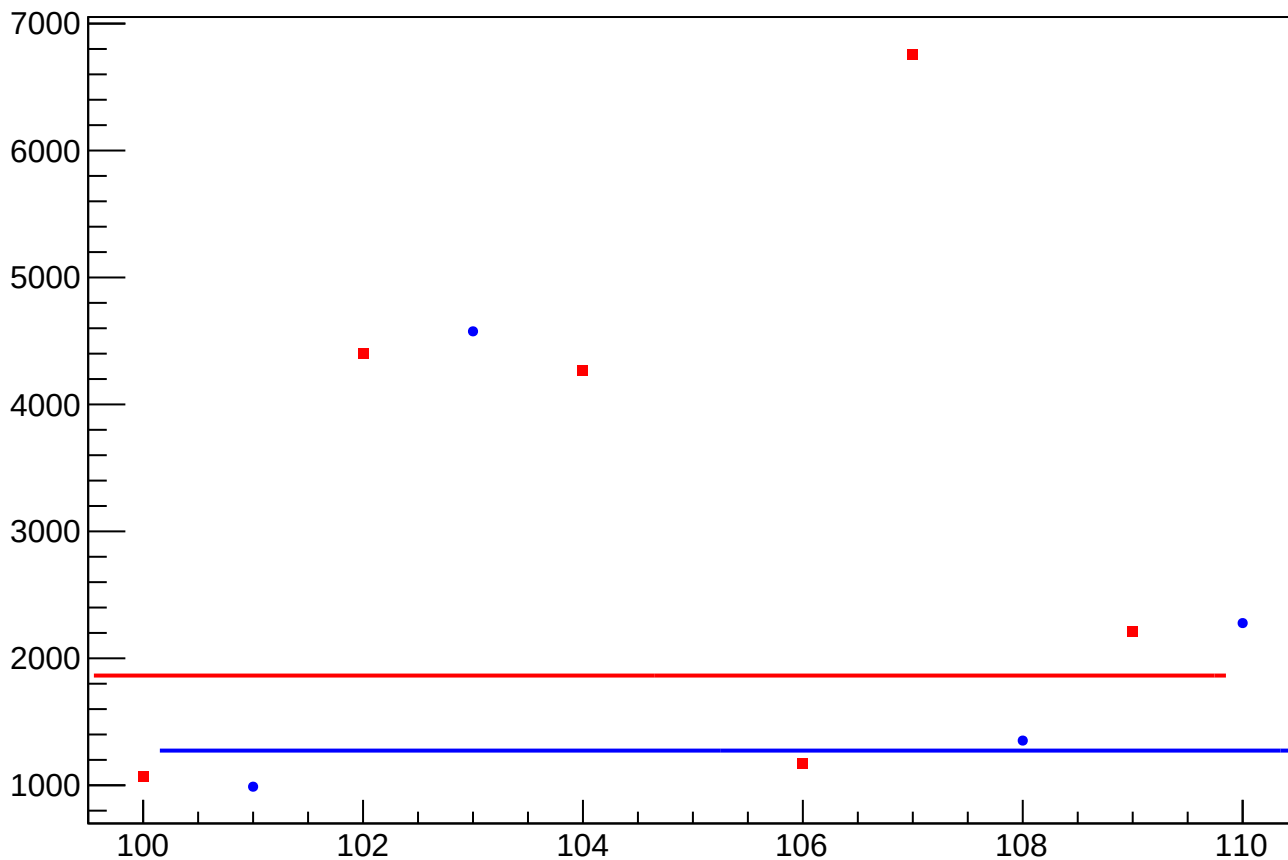
Right: -1106.401+/-835.953 χ^2/NDF : 9.4/9

In: -1074.381+/-1017.168 χ^2/NDF :4.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1106.401+/-835.953 χ^2/NDF : 9.4/9

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1273.180+/-0.719 χ^2/NDF : 881889.4/3

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

Right Out: 1864.280+/-1.038 χ^2/NDF : 1336368.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

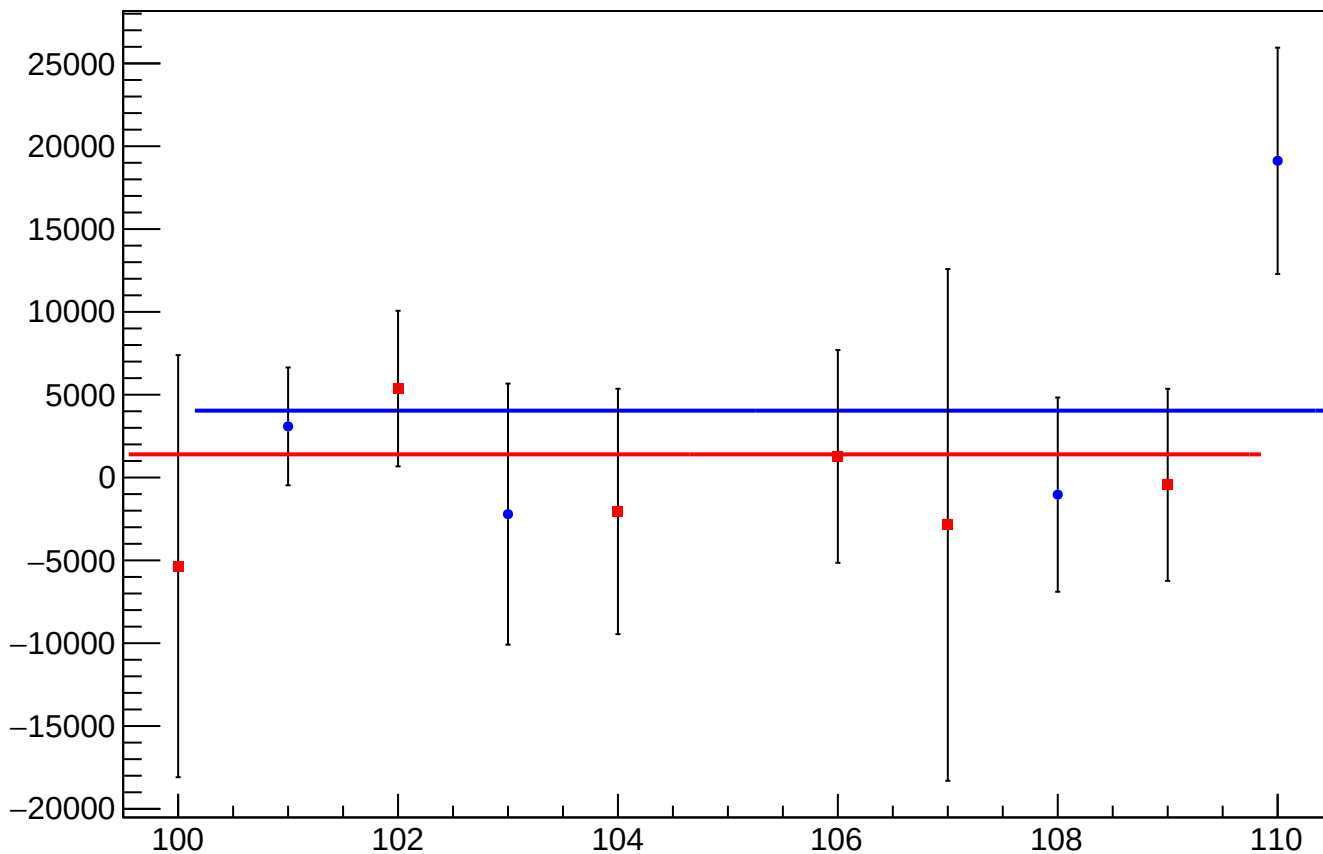
Right: 1465.035+/-0.591 χ^2/NDF : 2437477.6/9

In: 1273.180+/-0.719 χ^2/NDF : 881889.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1465.035+/-0.591 χ^2/NDF : 2437477.6/9

asym_atl1_mean vs Slug, Sign Corrected



Right In: 4038.447+/-2619.677 χ^2/NDF : 6.3/3

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

Right Out: 1399.505+/-2795.831 χ^2/NDF : 1.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

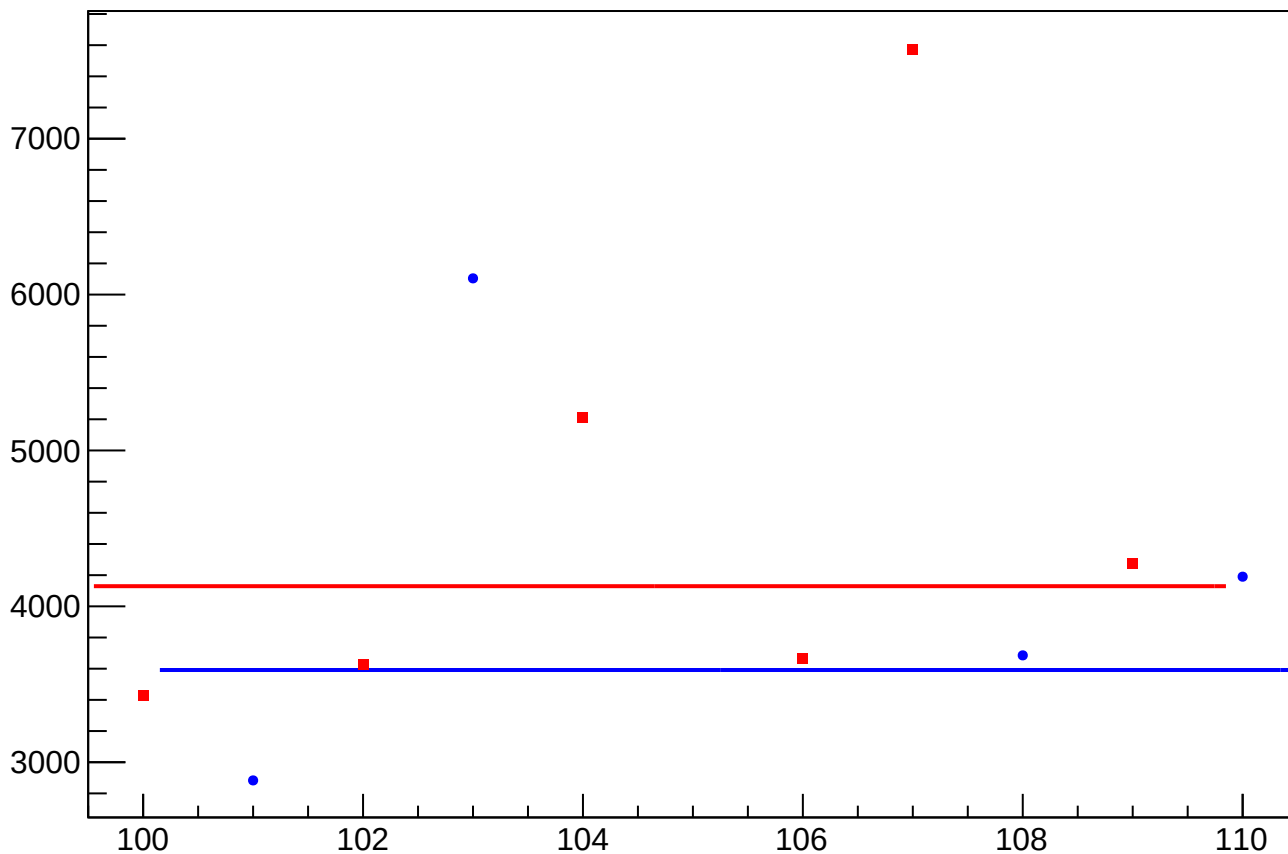
Right: 2804.725+/-1911.634 χ^2/NDF : 8.2/9

In: 4038.447+/-2619.677 χ^2/NDF : 6.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2804.725+/-1911.634 χ^2/NDF : 8.2/9

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3591.586+/-1.852 χ^2/NDF : 298519.4/3

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

Right Out: 4129.309+/-1.977 χ^2/NDF : 182918.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

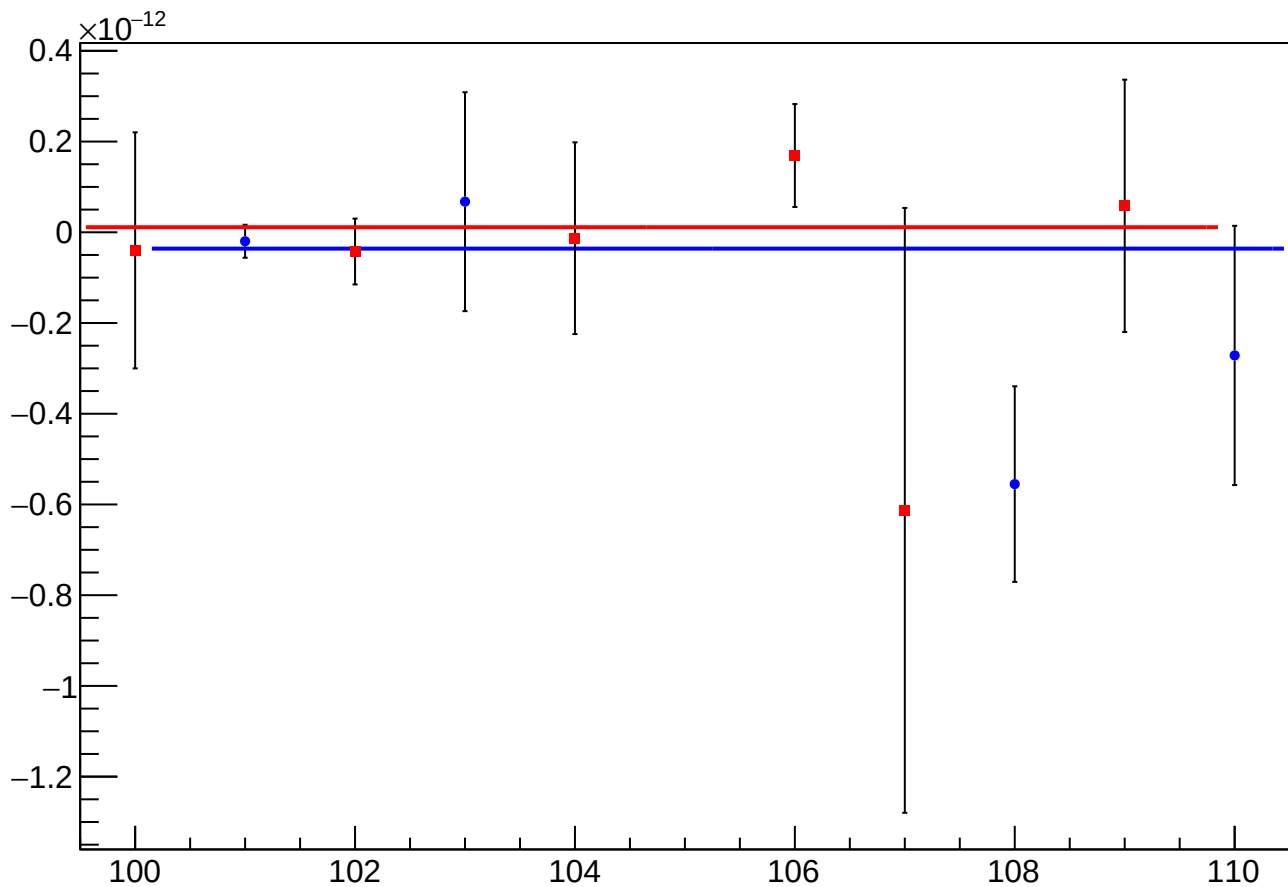
Right: 3842.975+/-1.352 χ^2/NDF : 520832.4/9

In: 3591.586+/-1.852 χ^2/NDF : 298519.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3842.975+/-1.352 χ^2/NDF : 520832.4/9

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.9/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

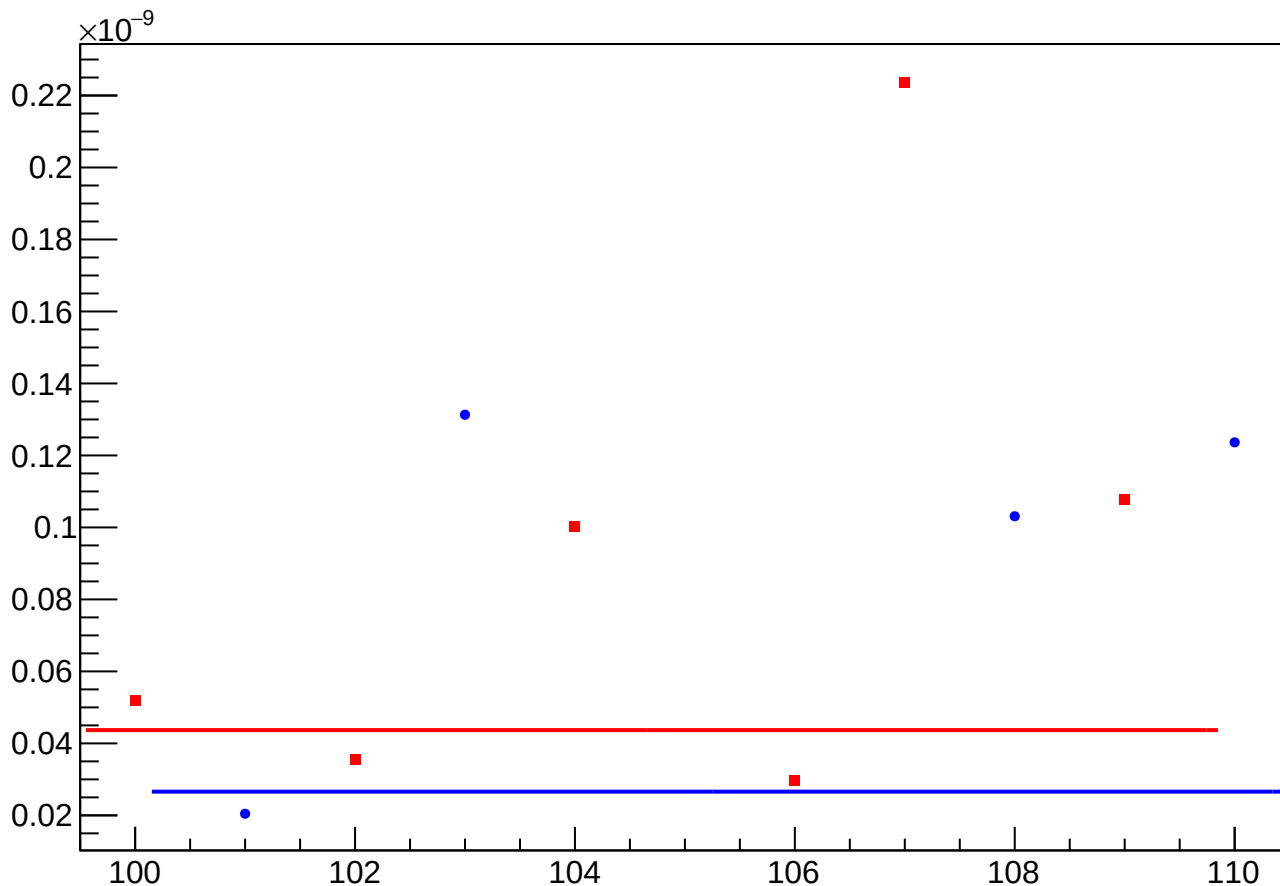
Right: -0.000+/-0.000 χ^2/NDF : 10.8/9

In: -0.000+/-0.000 χ^2/NDF : 6.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.8/9

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 915908.5/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 451183.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

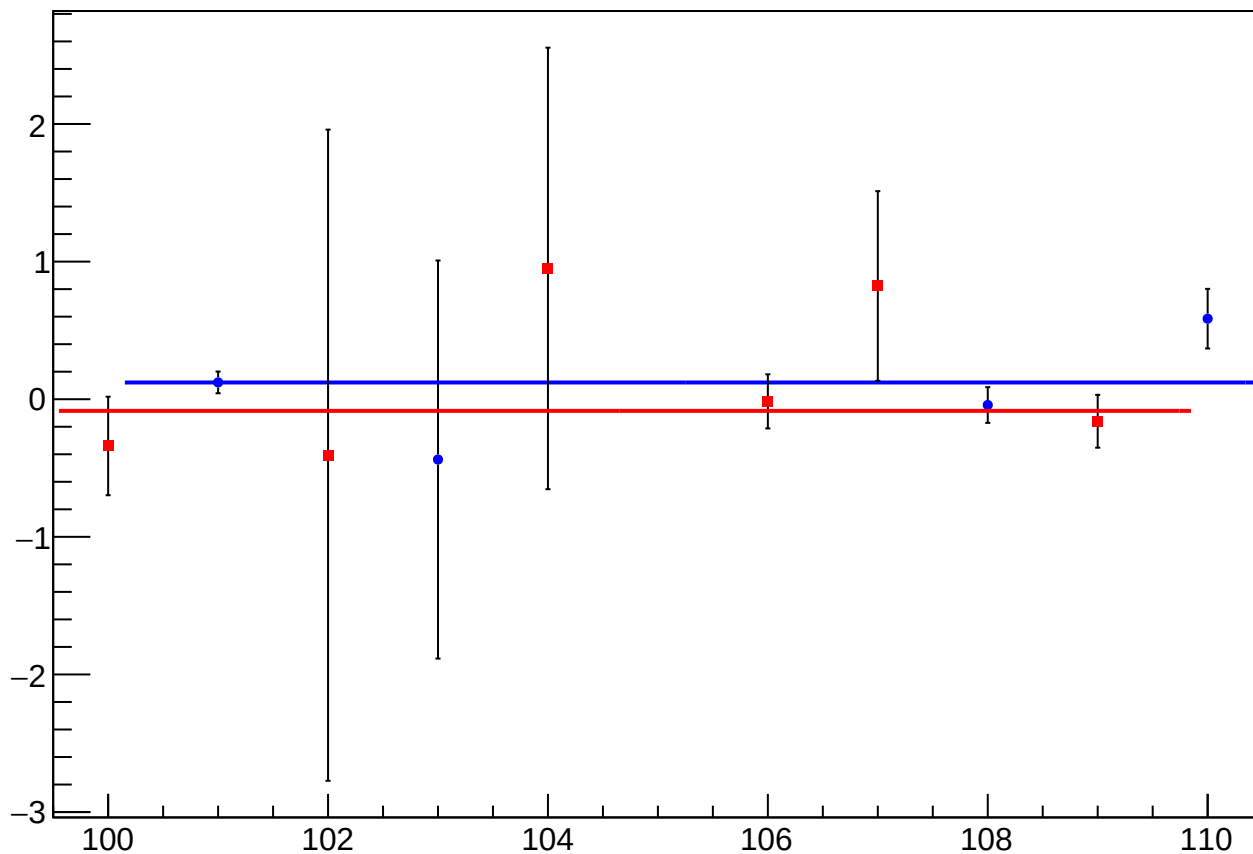
Right: 0.000+/-0.000 χ^2/NDF : 1500985.7/9

In: 0.000+/-0.000 χ^2/NDF : 915908.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1500985.7/9

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122 $\pm$ 0.064 χ^2 /NDF: 6.3/3

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

Right Out: -0.085 $\pm$ 0.126 χ^2 /NDF: 3.0/5

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

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

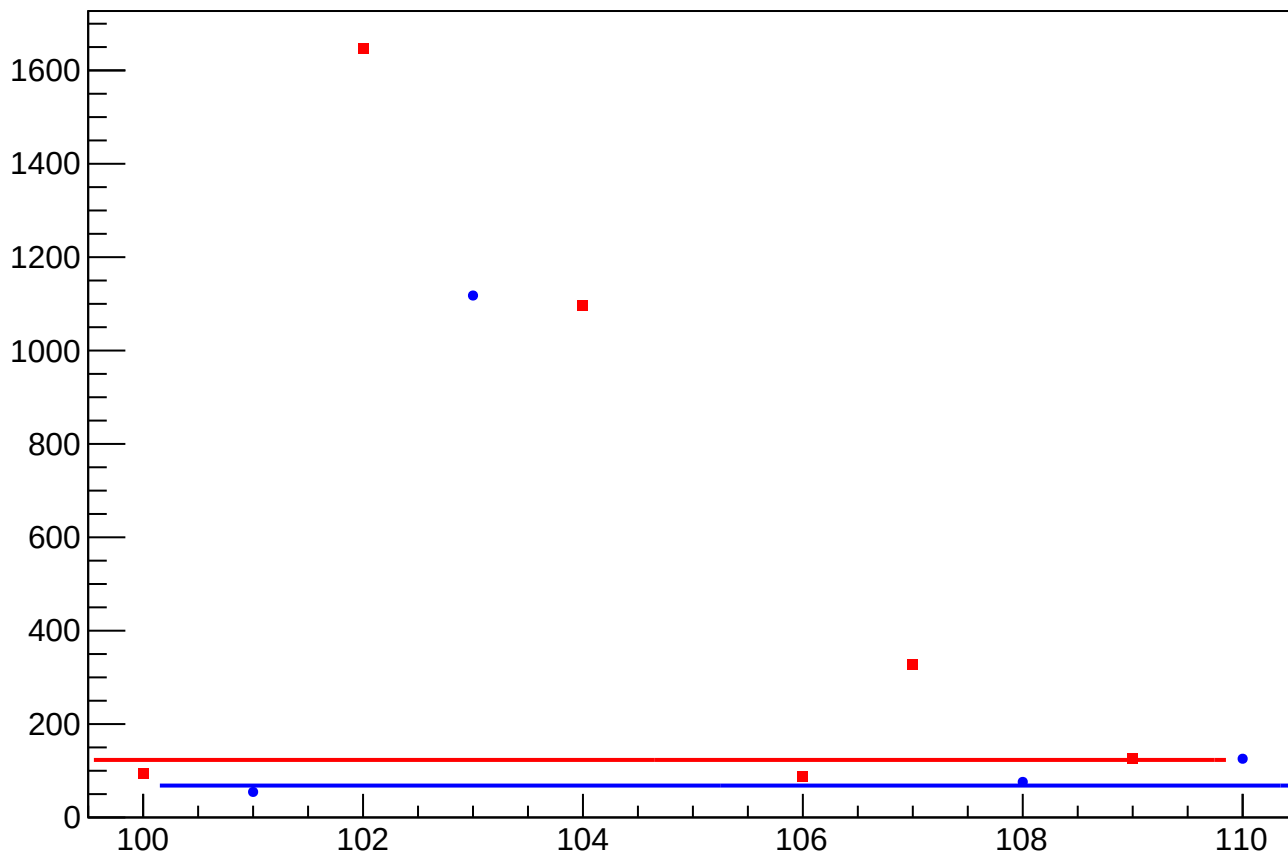
Right: 0.079 $\pm$ 0.057 χ^2 /NDF: 11.4/9

In: 0.122 $\pm$ 0.064 χ^2 /NDF: 6.3/3

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

All: 0.079 $\pm$ 0.057 χ^2 /NDF: 11.4/9

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.293+/-0.045 χ^2/NDF : 1260787.9/3

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

Right Out: 123.201+/-0.089 χ^2/NDF : 1817369.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

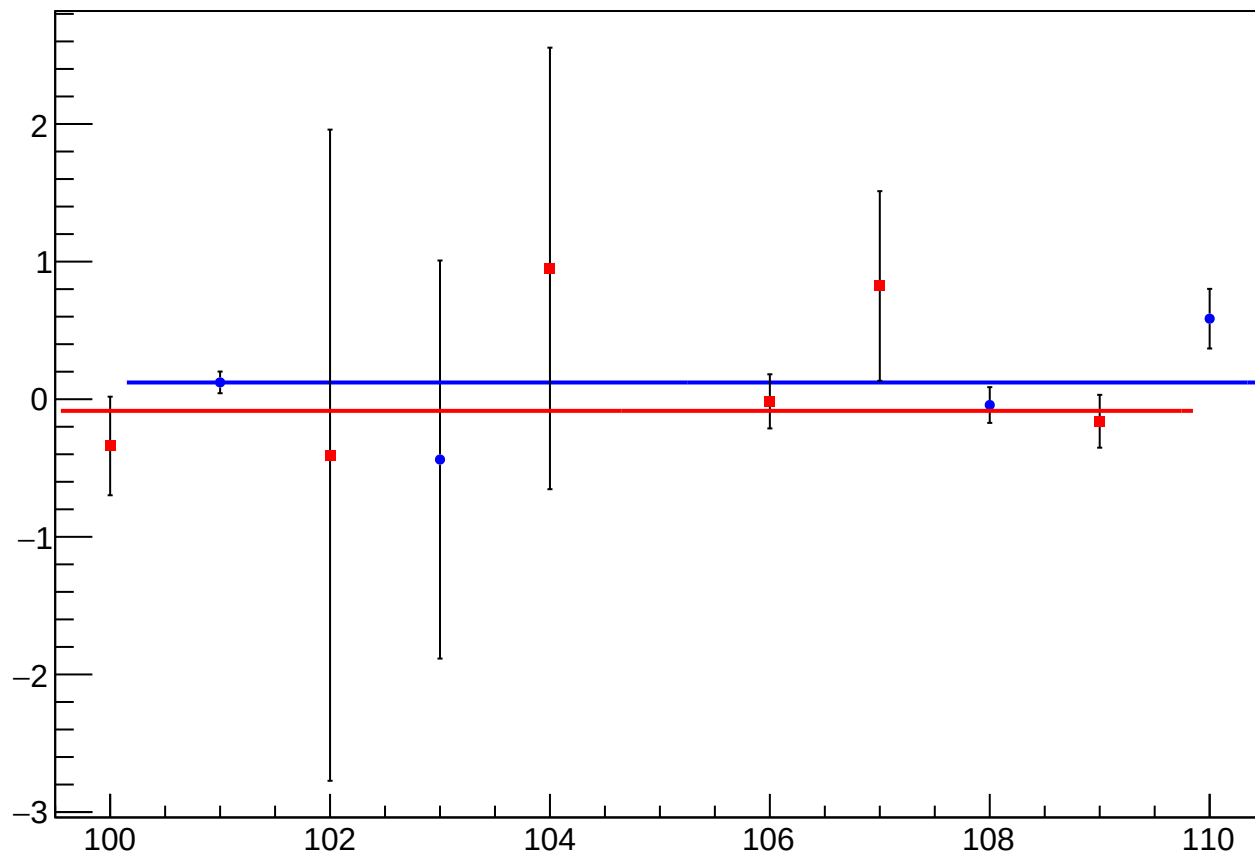
Right: 79.693+/-0.040 χ^2/NDF : 3381329.1/9

In: 68.293+/-0.045 χ^2/NDF : 1260787.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.693+/-0.040 χ^2/NDF : 3381329.1/9

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122+/-0.064 χ^2/NDF : 6.3/3

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

Right Out: -0.085+/-0.126 χ^2/NDF : 3.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

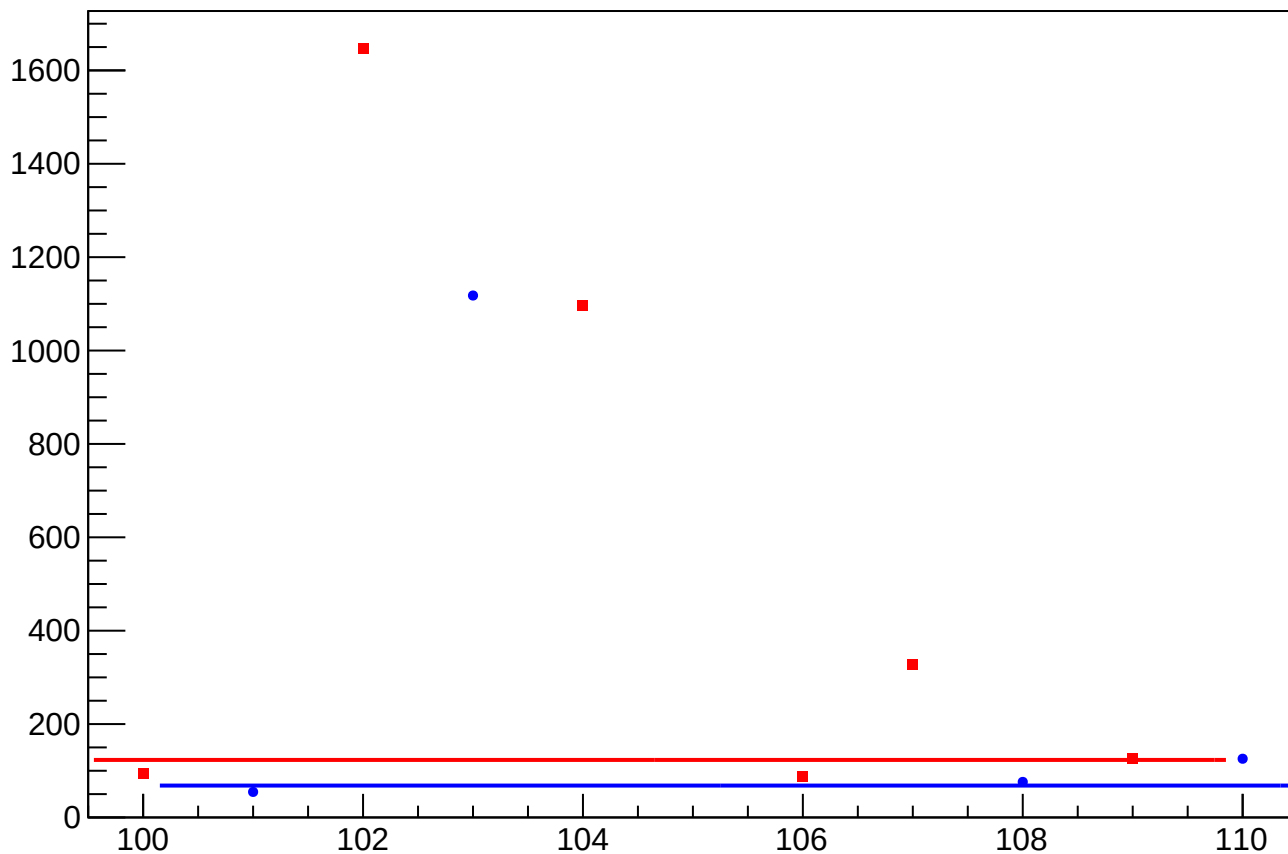
Right: 0.079+/-0.057 χ^2/NDF : 11.4/9

In: 0.122+/-0.064 χ^2/NDF : 6.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.079+/-0.057 χ^2/NDF : 11.4/9

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.293+/-0.045 χ^2/NDF : 1260787.9/3

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

Right Out: 123.201+/-0.089 χ^2/NDF : 1817369.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

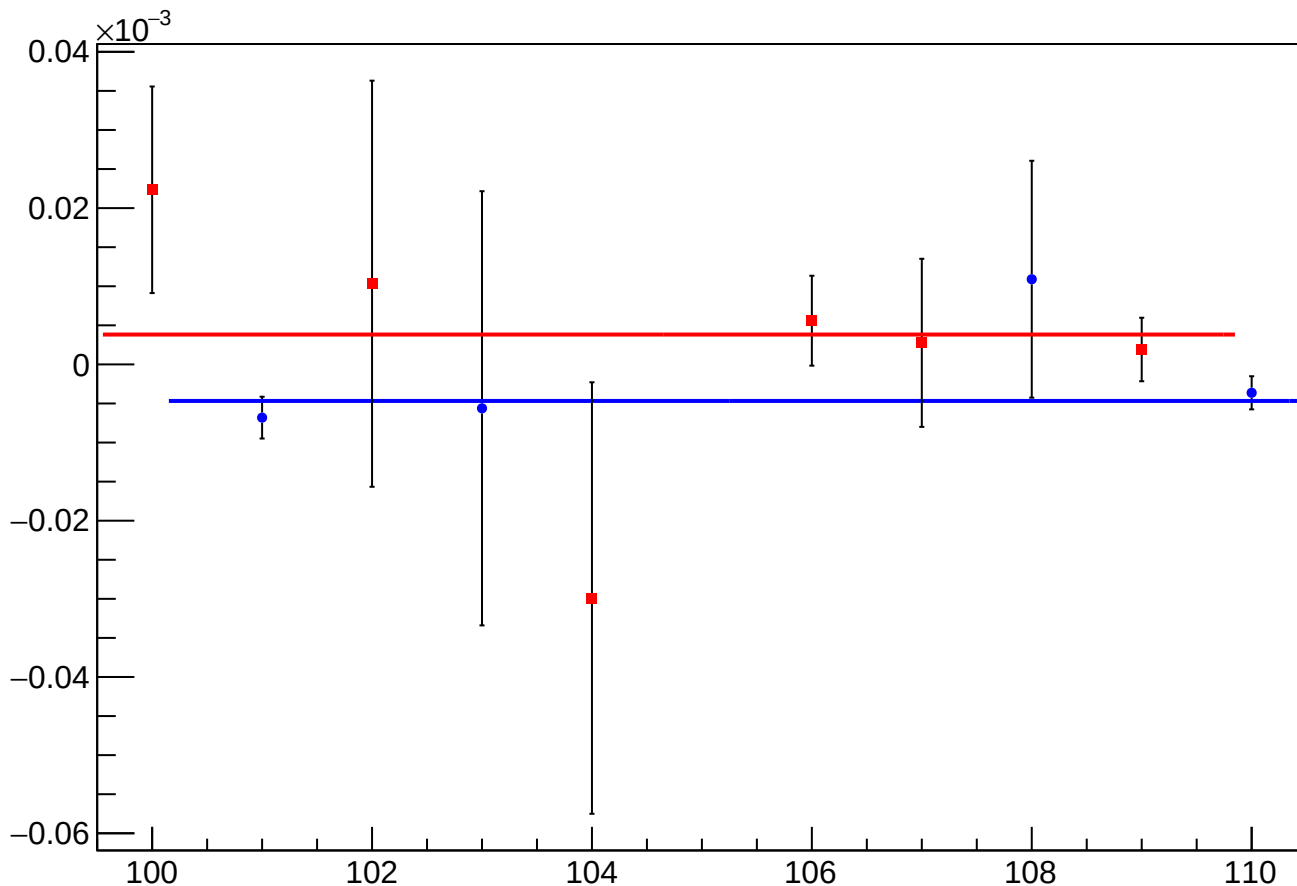
Right: 79.693+/-0.040 χ^2/NDF : 3381329.1/9

In: 68.293+/-0.045 χ^2/NDF : 1260787.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.693+/-0.040 χ^2/NDF : 3381329.1/9

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.9/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

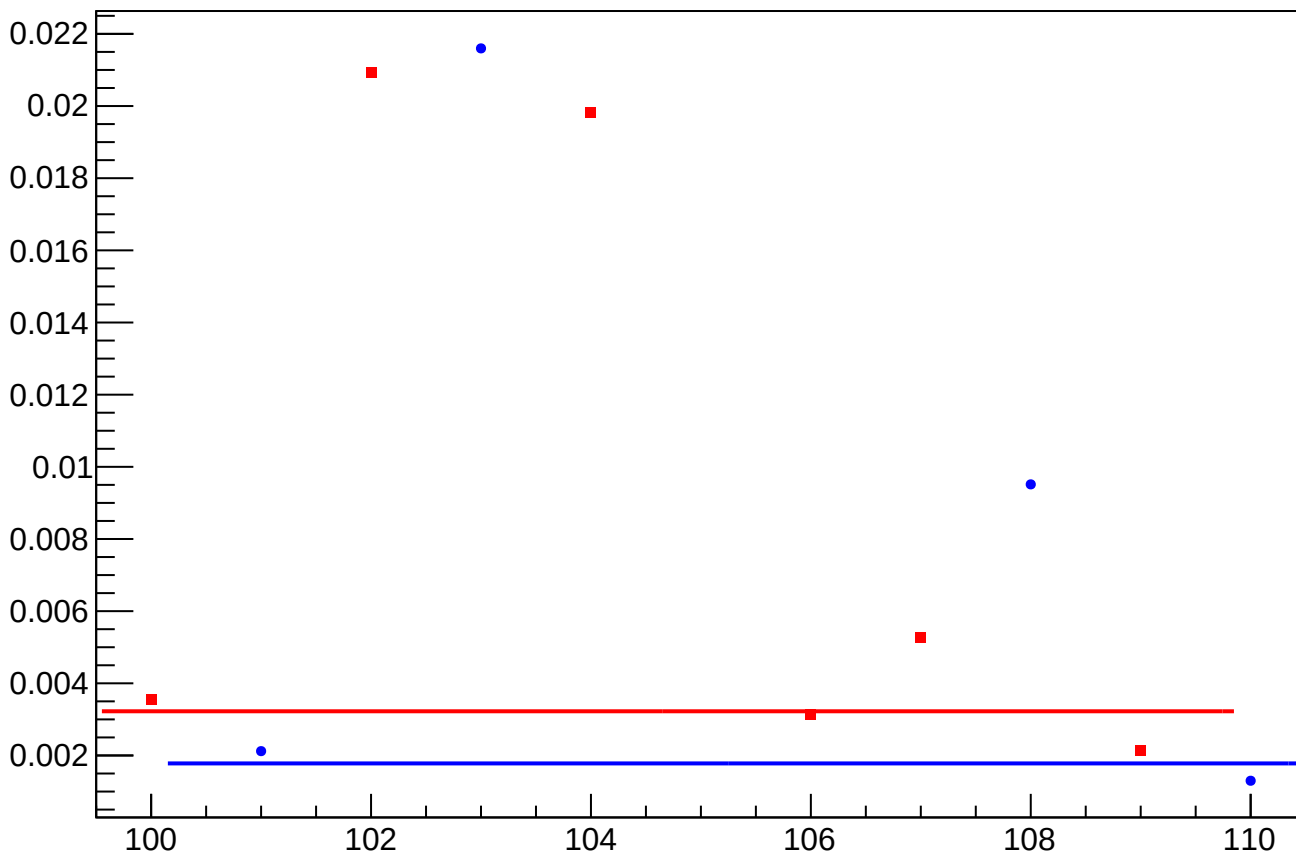
Right: -0.000+/-0.000 χ^2/NDF : 11.8/9

In: -0.000+/-0.000 χ^2/NDF : 1.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.8/9

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1673625.1/3

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

Right Out: 0.003+/-0.000 χ^2/NDF : 1865449.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

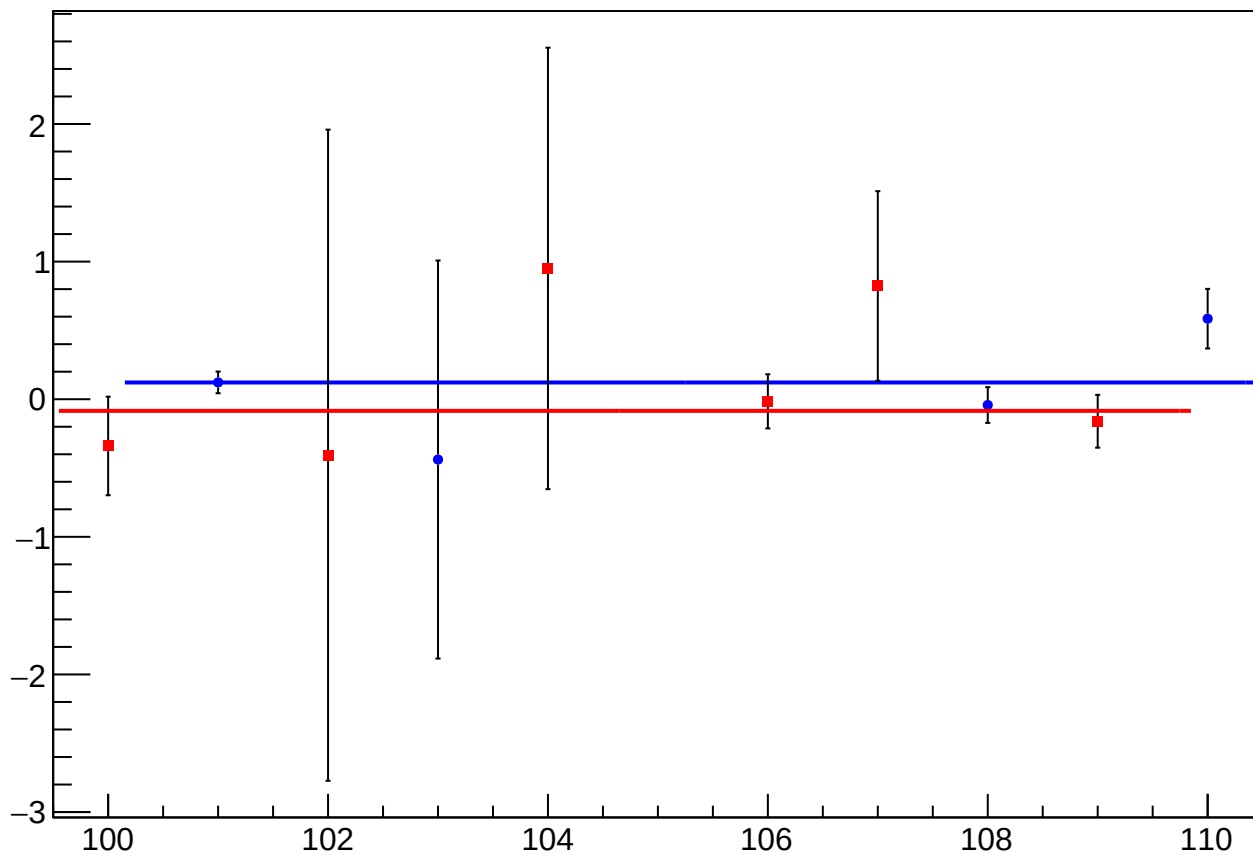
Right: 0.002+/-0.000 χ^2/NDF : 3887621.3/9

In: 0.002+/-0.000 χ^2/NDF : 1673625.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3887621.3/9

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122+/-0.064 χ^2/NDF : 6.3/3

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

Right Out: -0.085+/-0.126 χ^2/NDF : 3.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

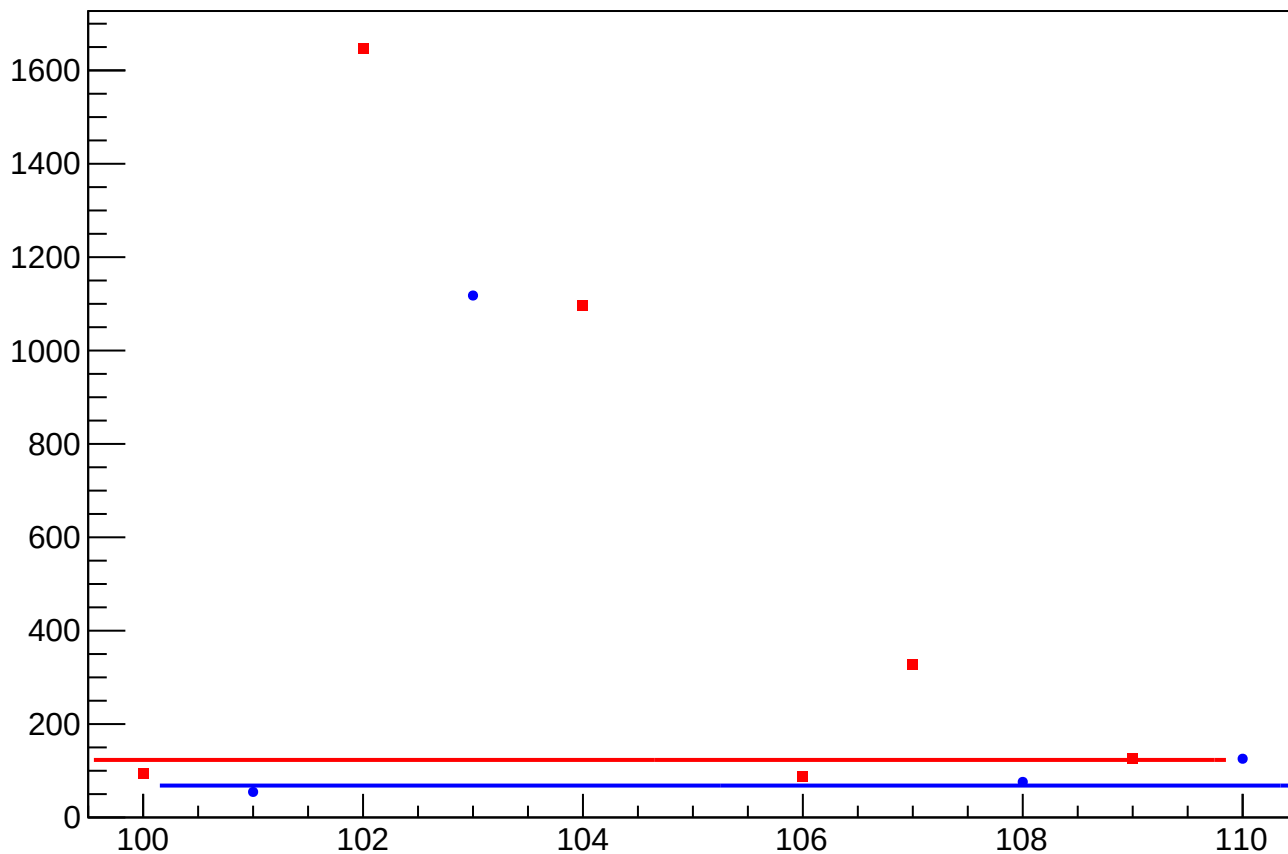
Right: 0.079+/-0.057 χ^2/NDF : 11.4/9

In: 0.122+/-0.064 χ^2/NDF : 6.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.079+/-0.057 χ^2/NDF : 11.4/9

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.294+/-0.045 χ^2/NDF : 1260801.8/3

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

Right Out: 123.200+/-0.089 χ^2/NDF : 1817370.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

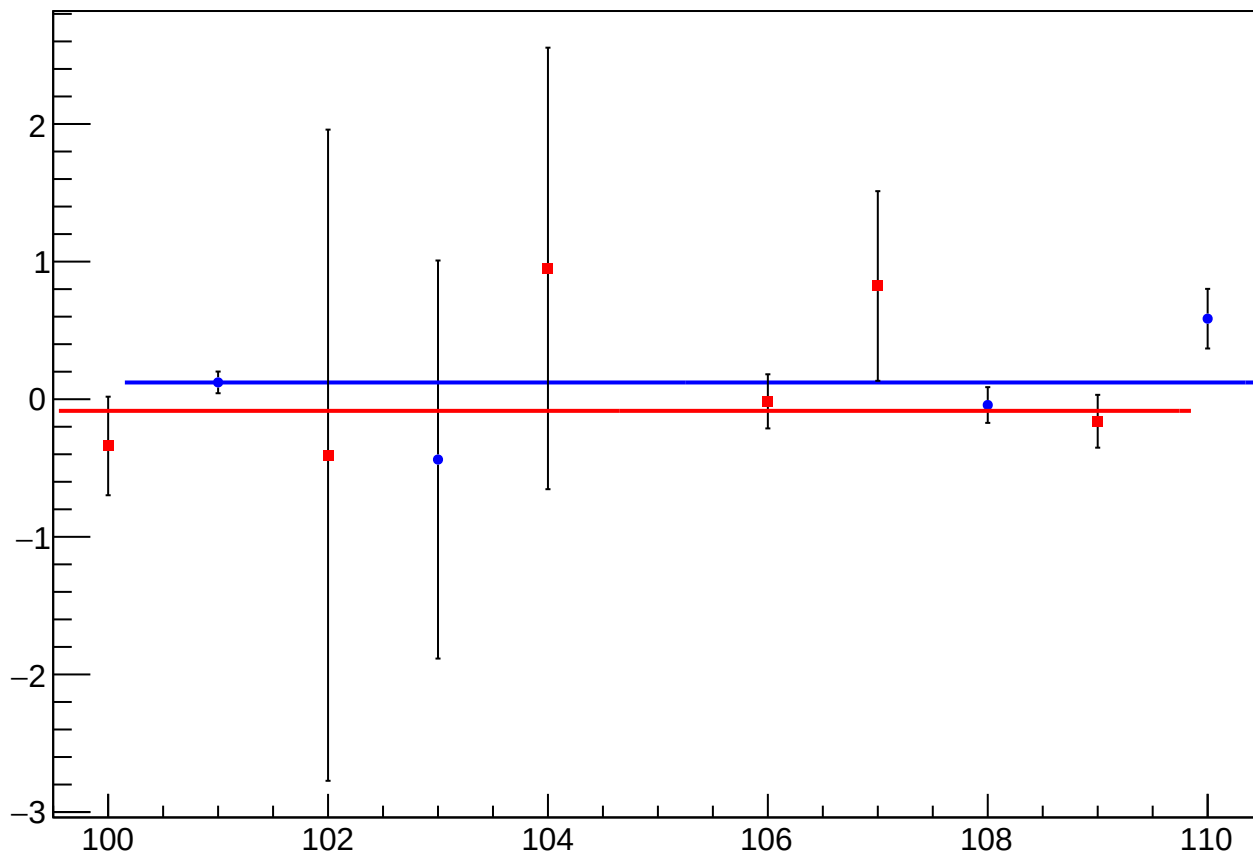
Right: 79.694+/-0.040 χ^2/NDF : 3381328.2/9

In: 68.294+/-0.045 χ^2/NDF : 1260801.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.694+/-0.040 χ^2/NDF : 3381328.2/9

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122+/-0.064 χ^2/NDF : 6.3/3

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

Right Out: -0.085+/-0.126 χ^2/NDF : 3.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

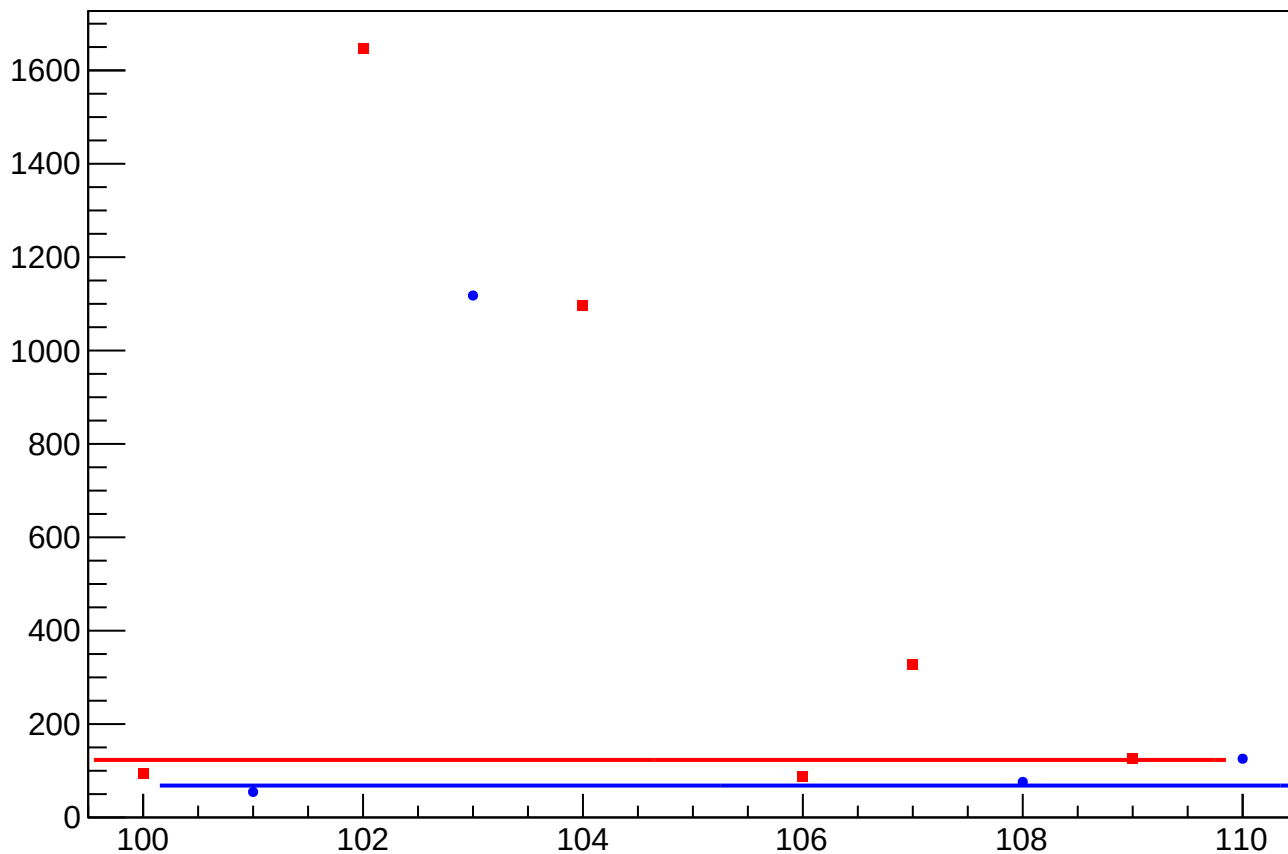
Right: 0.079+/-0.057 χ^2/NDF : 11.4/9

In: 0.122+/-0.064 χ^2/NDF : 6.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.079+/-0.057 χ^2/NDF : 11.4/9

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.294+/-0.045 χ^2/NDF : 1260801.8/3

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

Right Out: 123.200+/-0.089 χ^2/NDF : 1817370.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

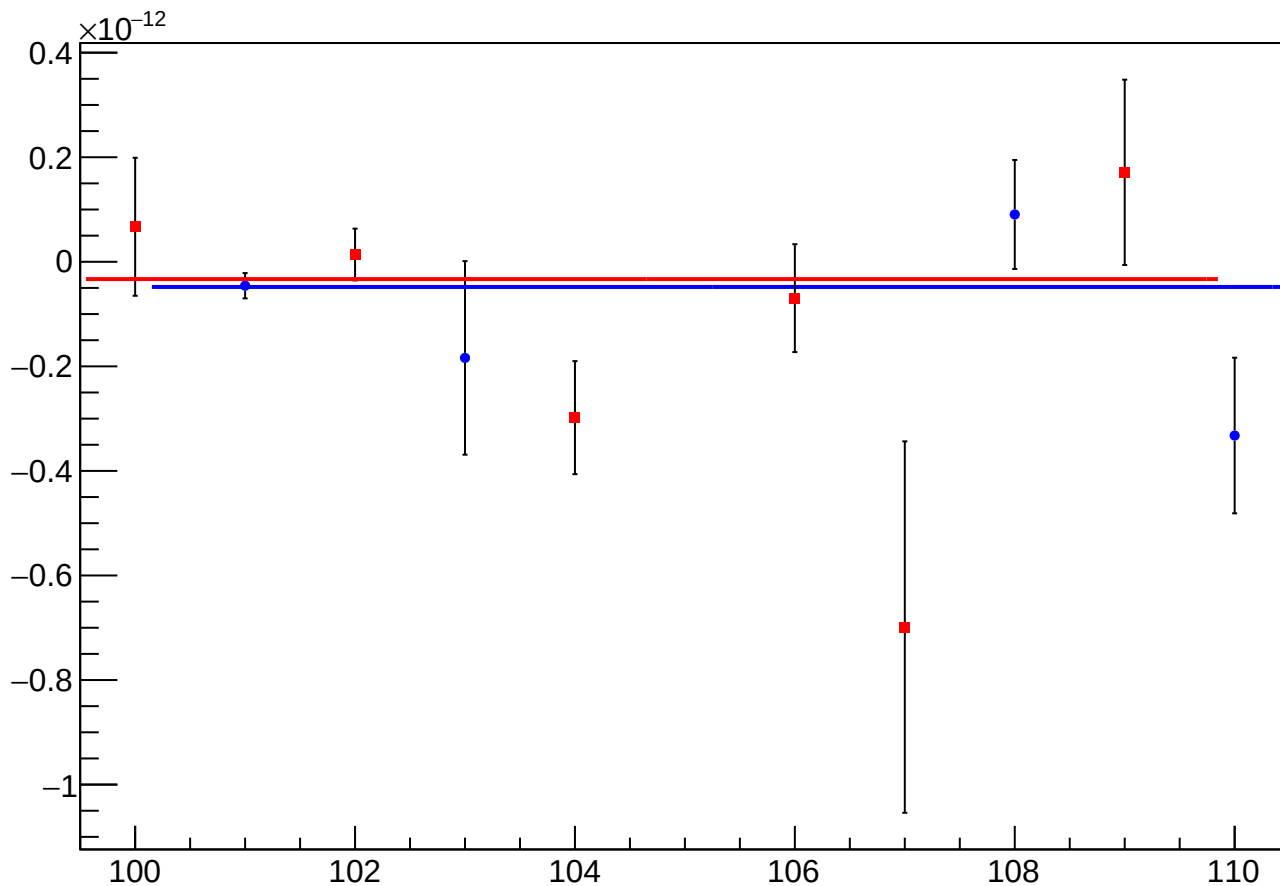
Right: 79.694+/-0.040 χ^2/NDF : 3381328.2/9

In: 68.294+/-0.045 χ^2/NDF : 1260801.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.694+/-0.040 χ^2/NDF : 3381328.2/9

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.0/3

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

Right Out: -0.000+/-0.000 χ^2/NDF : 12.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

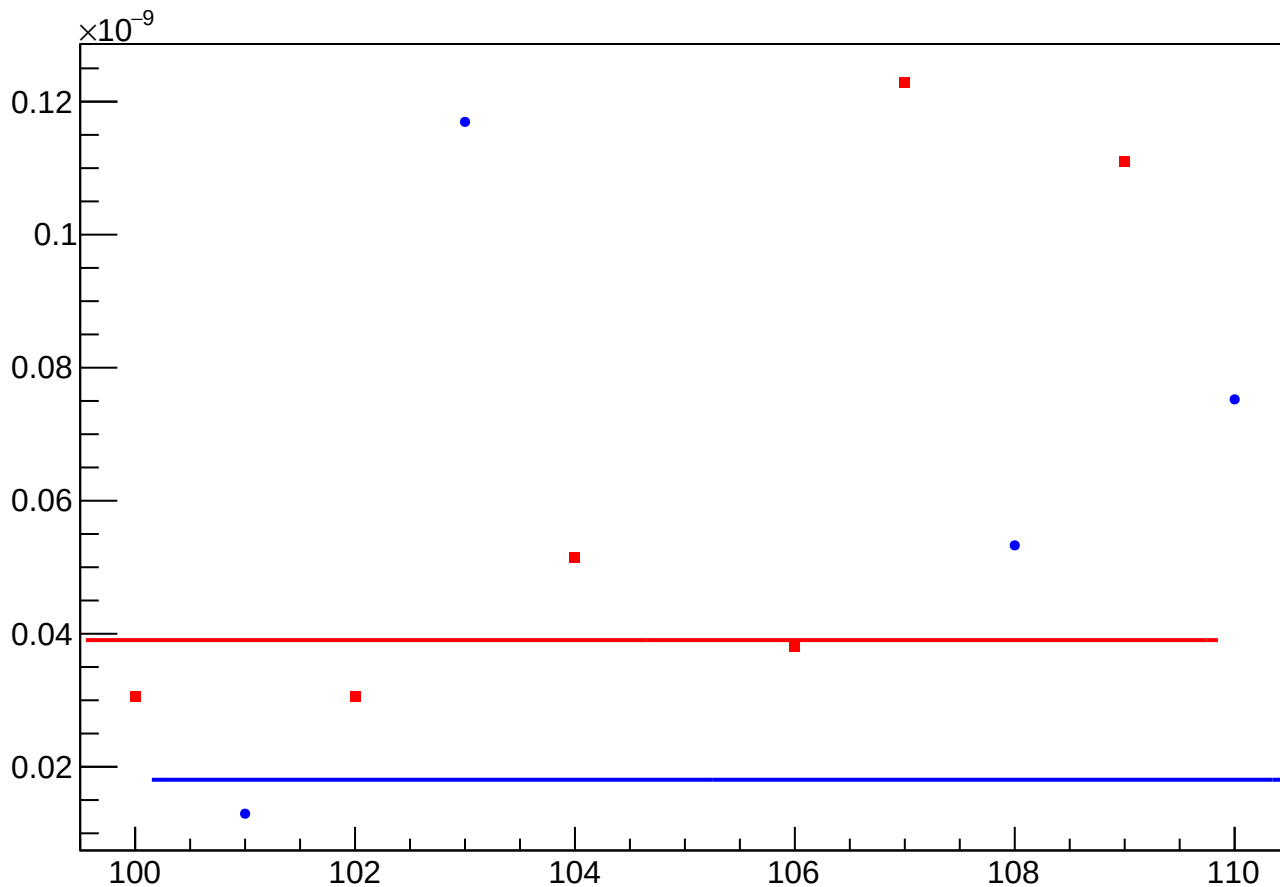
Right: -0.000+/-0.000 χ^2/NDF : 18.5/9

In: -0.000+/-0.000 χ^2/NDF : 6.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.5/9

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1183559.3/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 534081.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

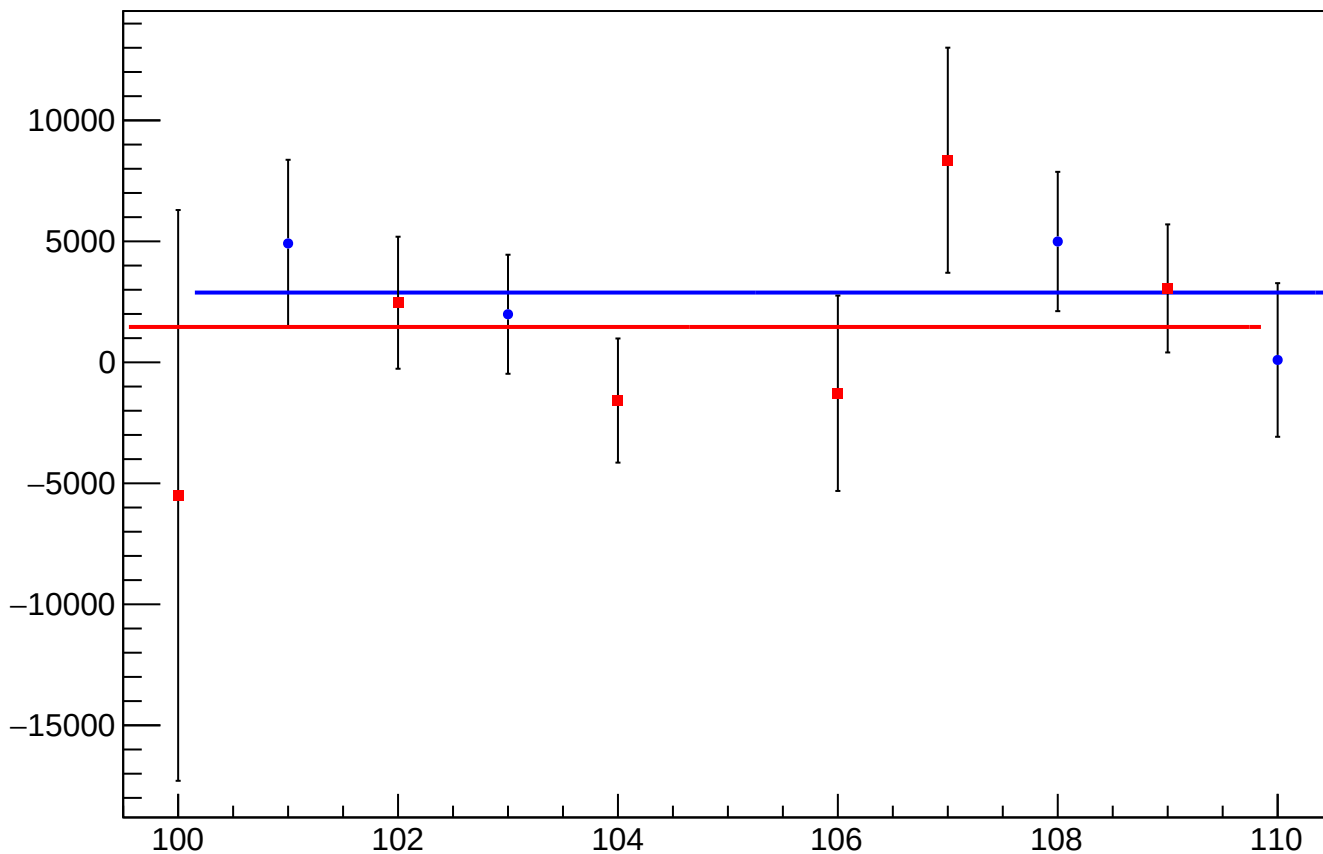
Right: 0.000+/-0.000 χ^2/NDF : 2159209.5/9

In: 0.000+/-0.000 χ^2/NDF : 1183559.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2159209.5/9

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2884.198+/-1460.469 χ^2/NDF : 1.8/3

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

Right Out: 1462.519+/-1355.963 χ^2/NDF : 4.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

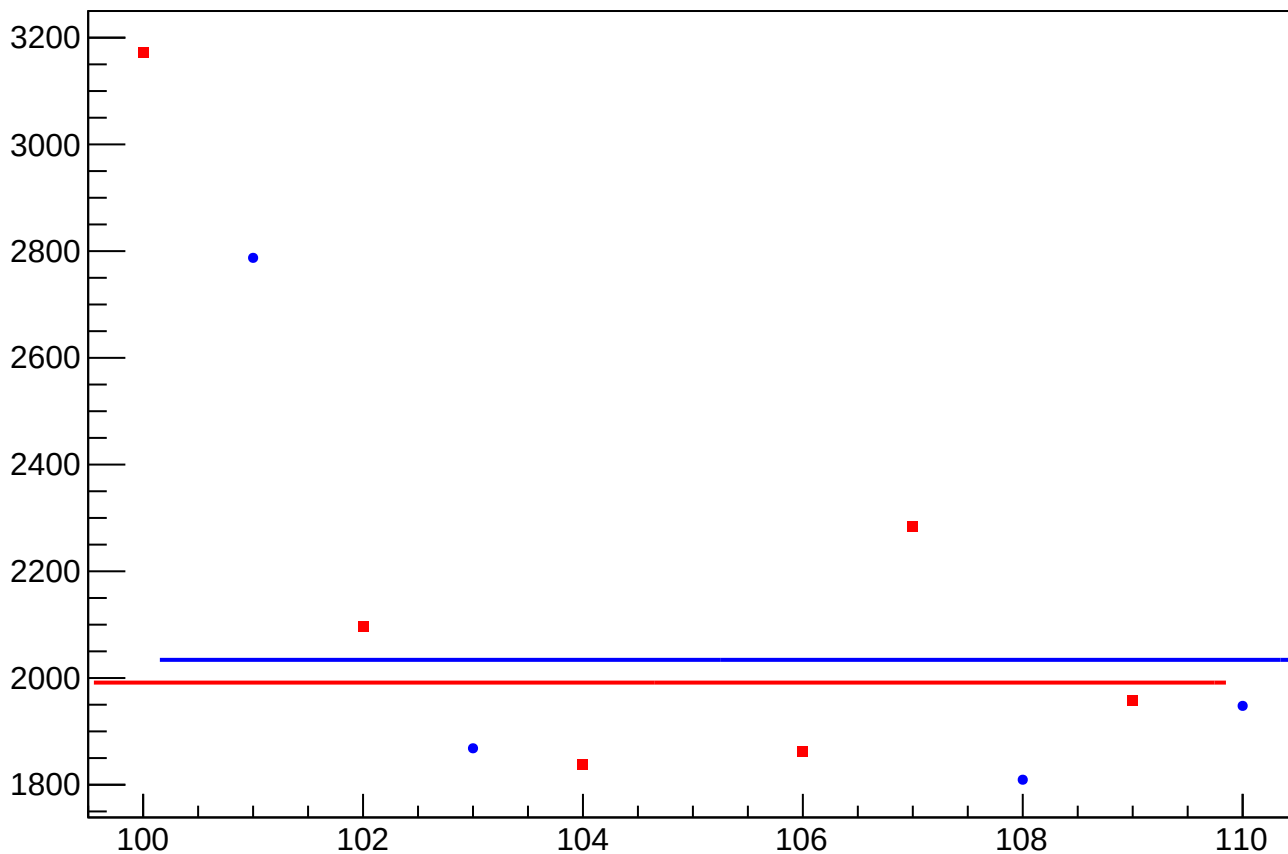
Right: 2120.678+/-993.704 χ^2/NDF : 7.2/9

In: 2884.198+/-1460.469 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2120.678+/-993.704 χ^2/NDF : 7.2/9

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2034.056+/-1.033 χ^2/NDF : 117717.9/3

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

Right Out: 1991.444+/-0.959 χ^2/NDF : 40444.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

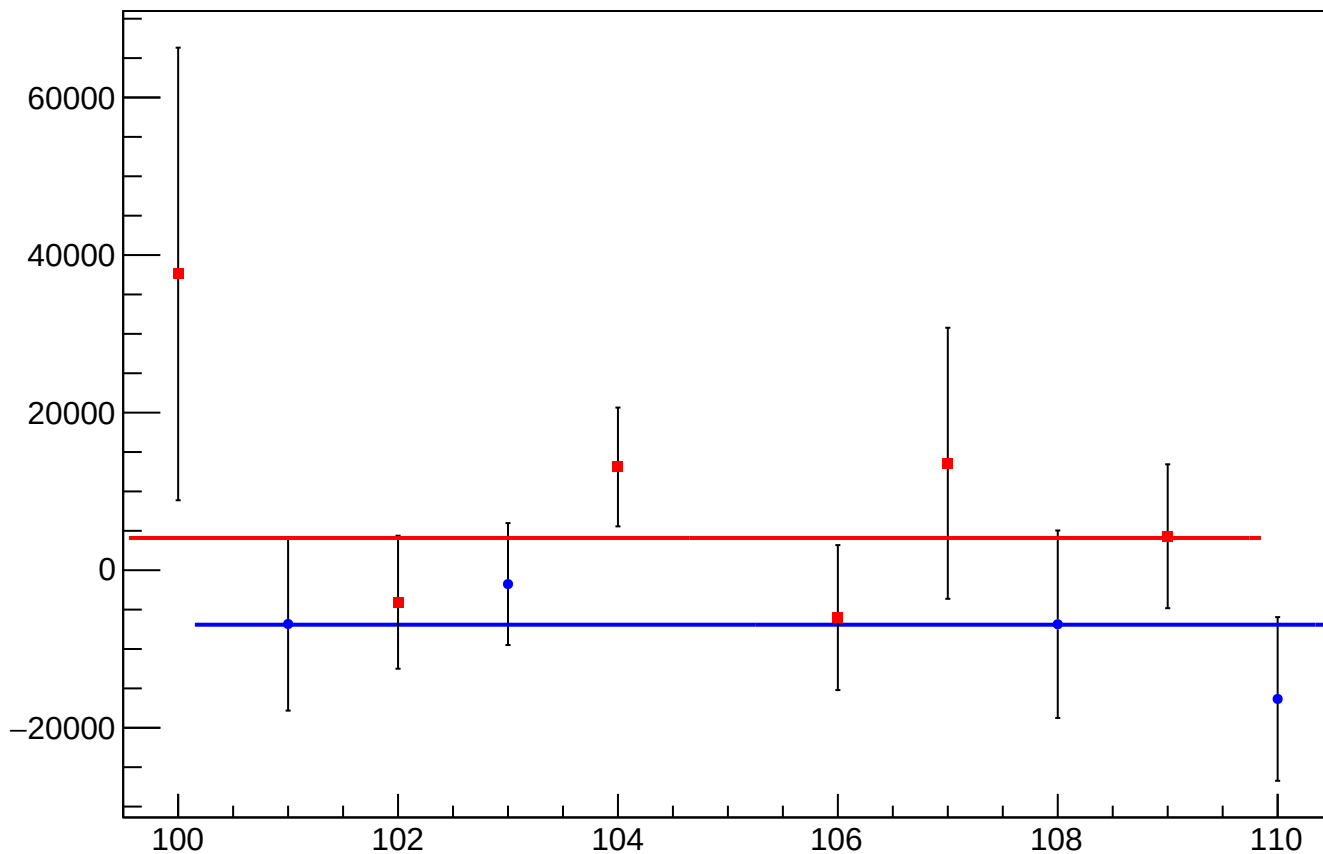
Right: 2011.171+/-0.703 χ^2/NDF : 159076.9/9

In: 2034.056+/-1.033 χ^2/NDF : 117717.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2011.171+/-0.703 χ^2/NDF : 159076.9/9

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -6916.823+/-4920.254 χ^2/NDF : 1.3/3

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

Right Out: 4092.002+/-4081.551 χ^2/NDF : 5.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

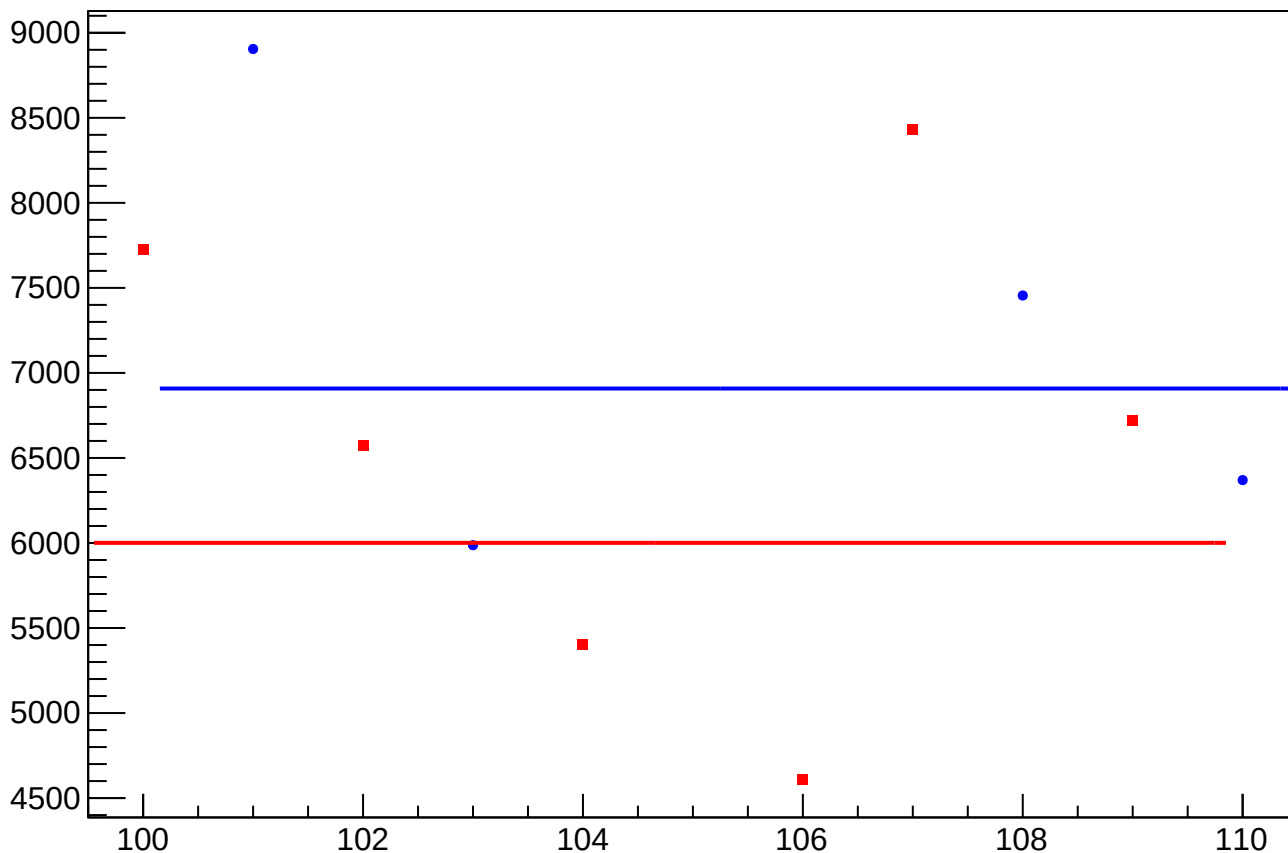
Right: -395.540+/-3141.386 χ^2/NDF : 9.5/9

In: -6916.823+/-4920.254 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -395.540+/-3141.386 χ^2/NDF : 9.5/9

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 6908.228+/-3.479 χ^2/NDF : 103888.5/3

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

Right Out: 6000.922+/-2.886 χ^2/NDF : 127350.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

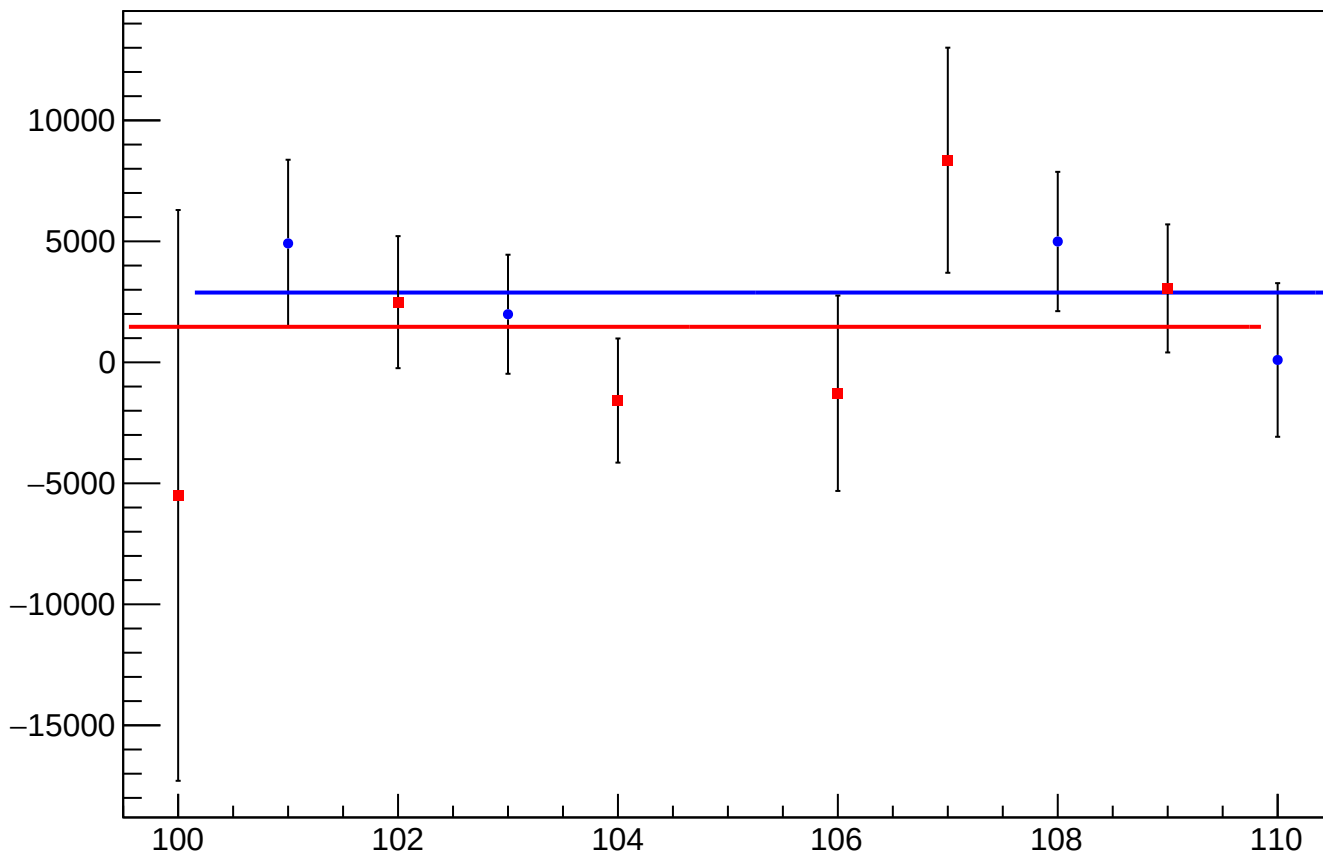
Right: 6370.769+/-2.221 χ^2/NDF : 271525.3/9

In: 6908.228+/-3.479 χ^2/NDF : 103888.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6370.769+/-2.221 χ^2/NDF : 271525.3/9

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2884.486+/-1460.470 χ^2/NDF : 1.8/3

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

Right Out: 1468.395+/-1356.006 χ^2/NDF : 4.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

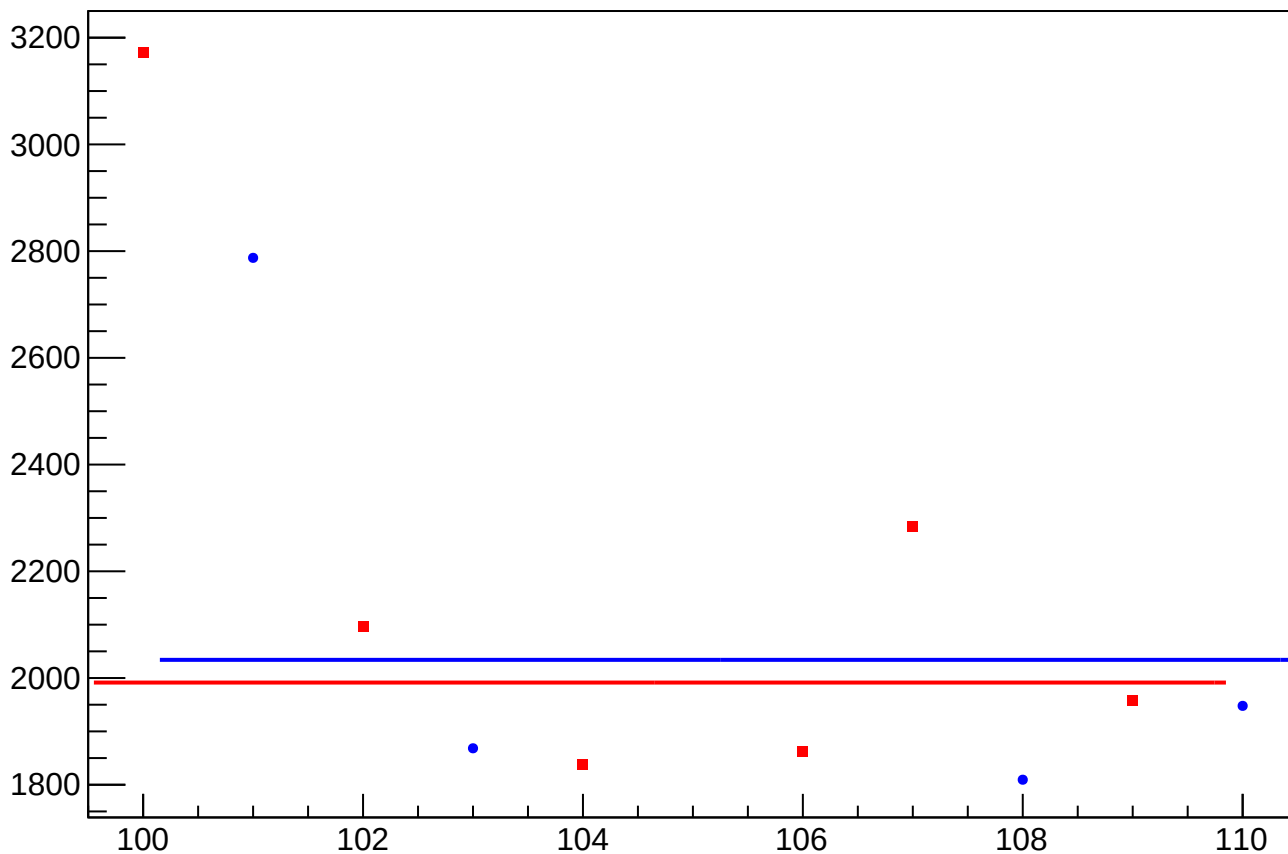
Right: 2123.989+/-993.722 χ^2/NDF : 7.2/9

In: 2884.486+/-1460.470 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2123.989+/-993.722 χ^2/NDF : 7.2/9

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2034.055+/-1.033 χ^2/NDF : 117717.7/3

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

Right Out: 1991.511+/-0.959 χ^2/NDF : 40460.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

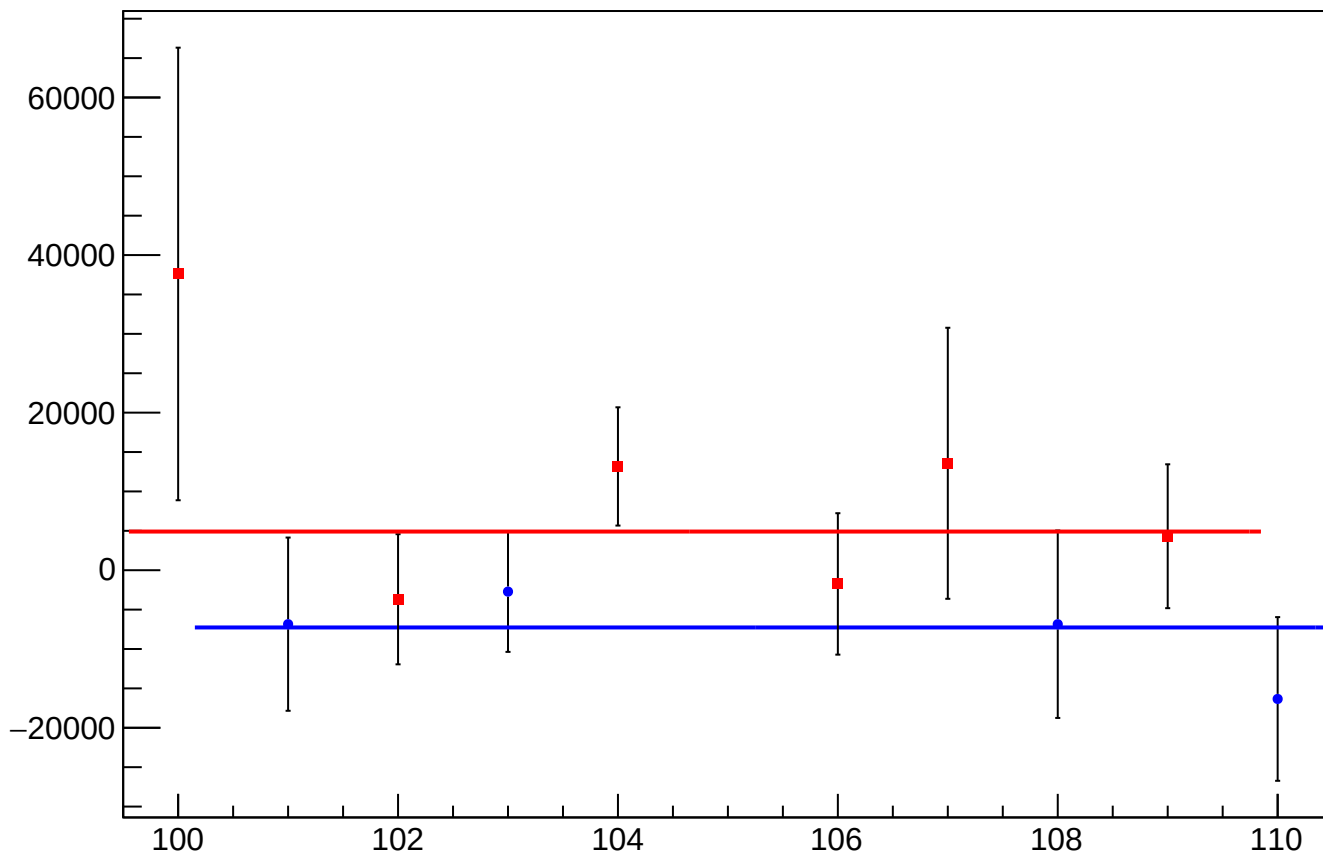
Right: 2011.207+/-0.703 χ^2/NDF : 159089.9/9

In: 2034.055+/-1.033 χ^2/NDF : 117717.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2011.207+/-0.703 χ^2/NDF : 159089.9/9

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -7265.468+/-4896.718 χ^2/NDF : 1.1/3

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

Right Out: 4907.469+/-4035.324 χ^2/NDF : 4.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

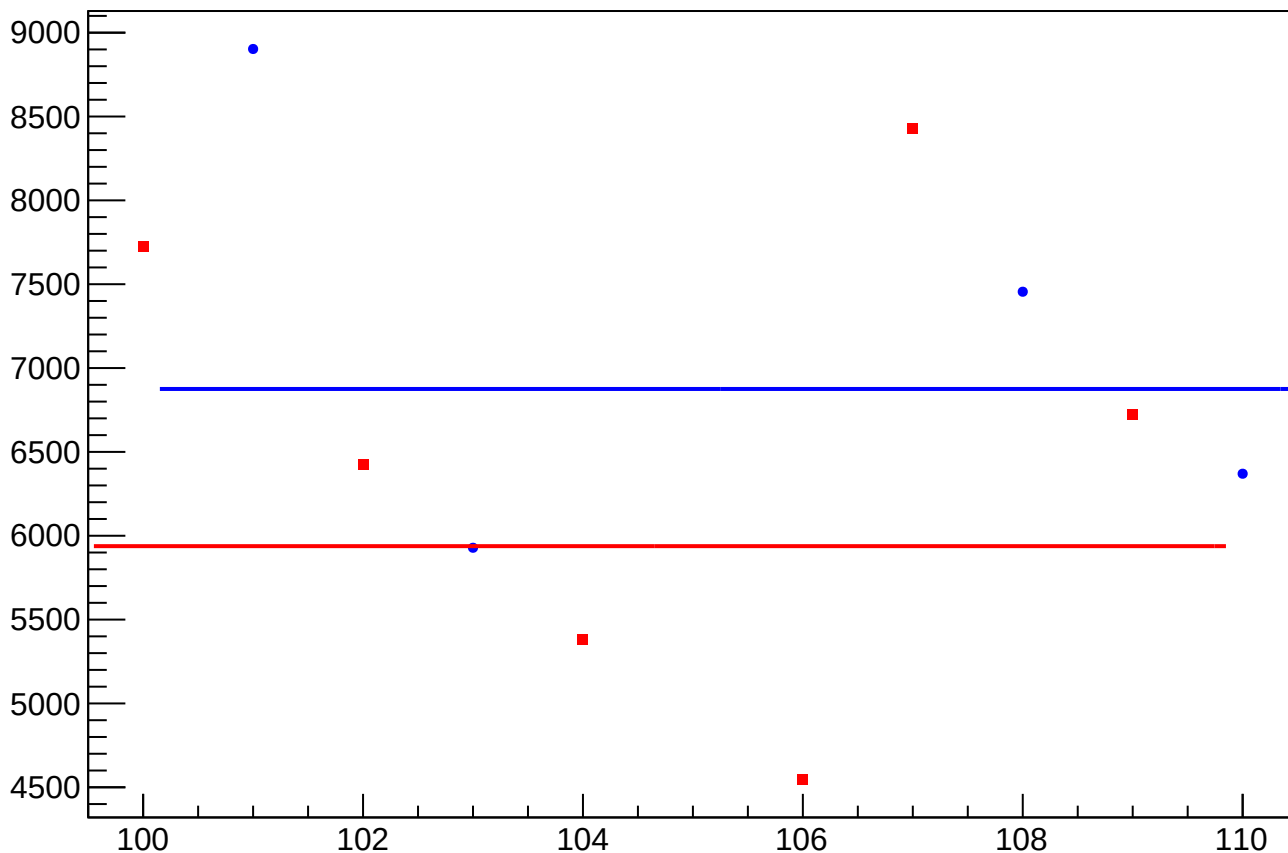
Right: -15.876+/-3114.135 χ^2/NDF : 9.2/9

In: -7265.468+/-4896.718 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.876+/-3114.135 χ^2/NDF : 9.2/9

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 6875.297+/-3.463 χ^2/NDF : 108170.7/3

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

Right Out: 5937.954+/-2.853 χ^2/NDF : 130713.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

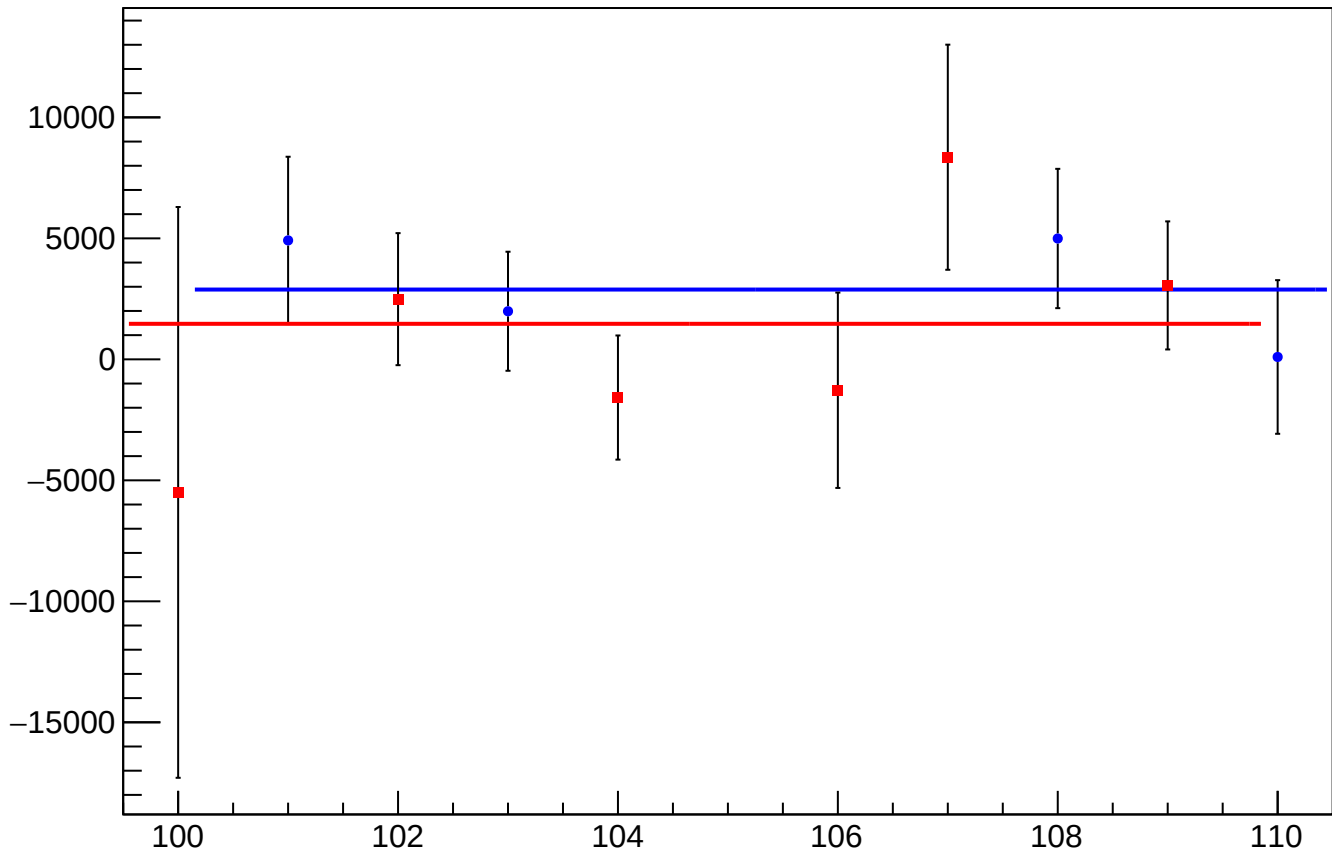
Right: 6317.062+/-2.202 χ^2/NDF : 282528.7/9

In: 6875.297+/-3.463 χ^2/NDF : 108170.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6317.062+/-2.202 χ^2/NDF : 282528.7/9

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2884.486+/-1460.470 χ^2/NDF : 1.8/3

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

Right Out: 1468.395+/-1356.006 χ^2/NDF : 4.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

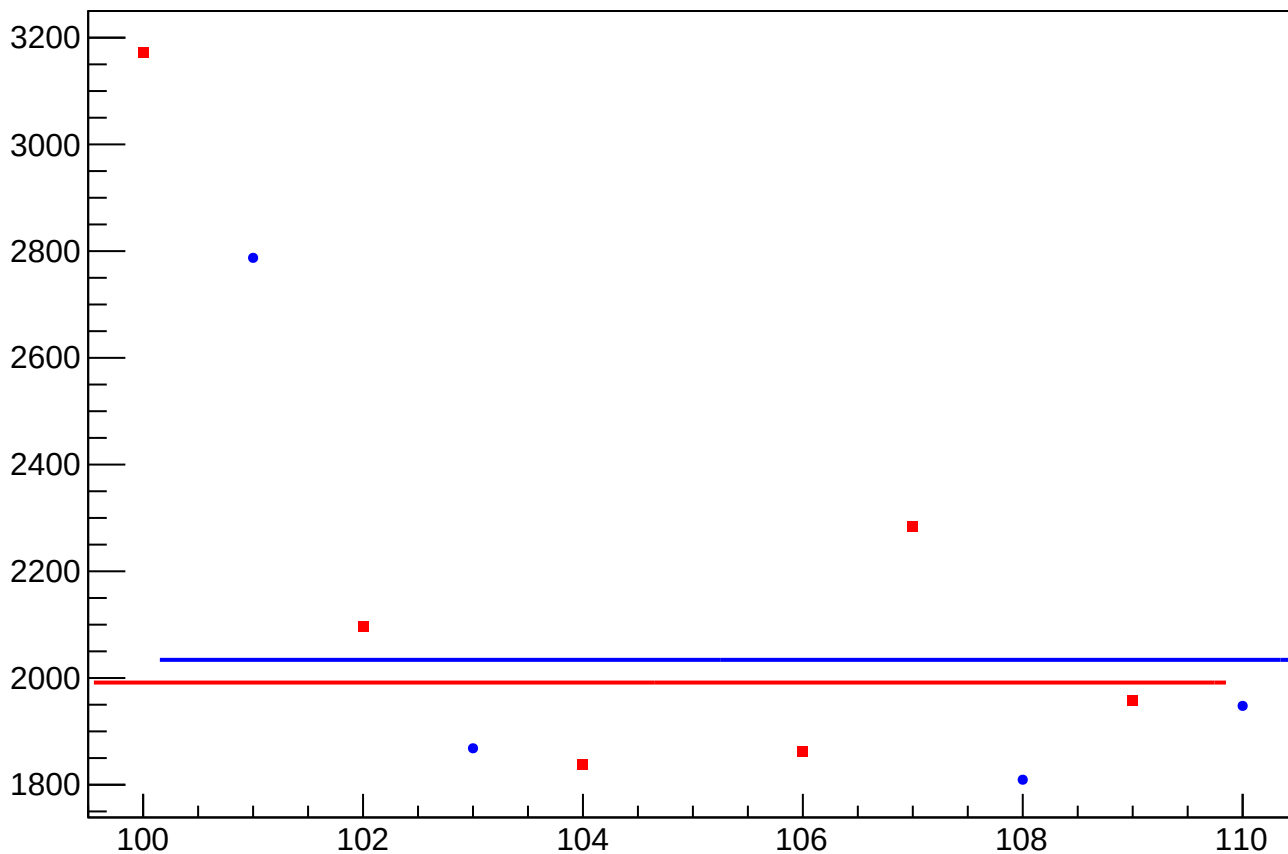
Right: 2123.989+/-993.722 χ^2/NDF : 7.2/9

In: 2884.486+/-1460.470 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2123.989+/-993.722 χ^2/NDF : 7.2/9

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2034.055+/-1.033 χ^2/NDF : 117717.7/3

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

Right Out: 1991.511+/-0.959 χ^2/NDF : 40460.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

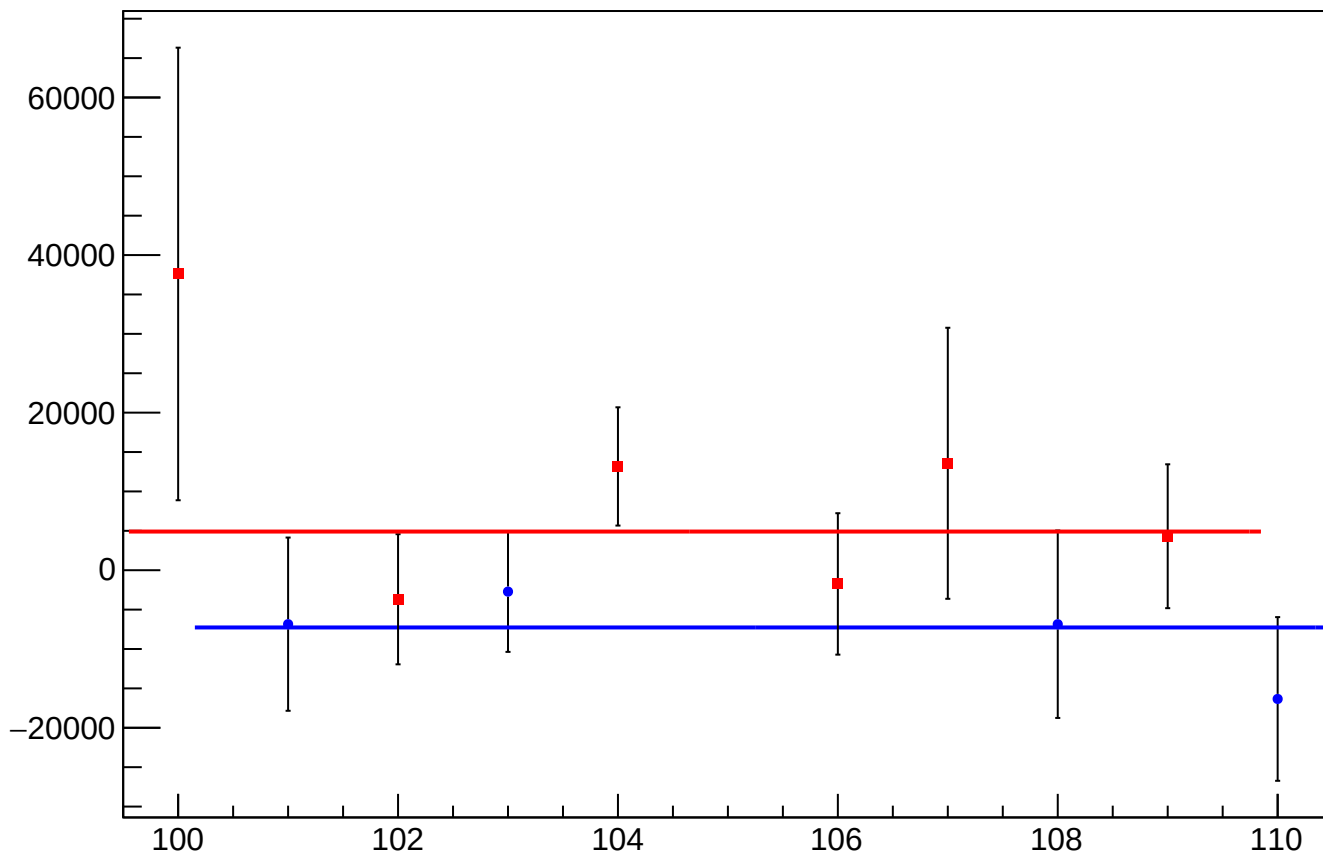
Right: 2011.207+/-0.703 χ^2/NDF : 159089.9/9

In: 2034.055+/-1.033 χ^2/NDF : 117717.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2011.207+/-0.703 χ^2/NDF : 159089.9/9

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -7265.468+/-4896.718 χ^2/NDF : 1.1/3

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

Right Out: 4907.469+/-4035.324 χ^2/NDF : 4.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

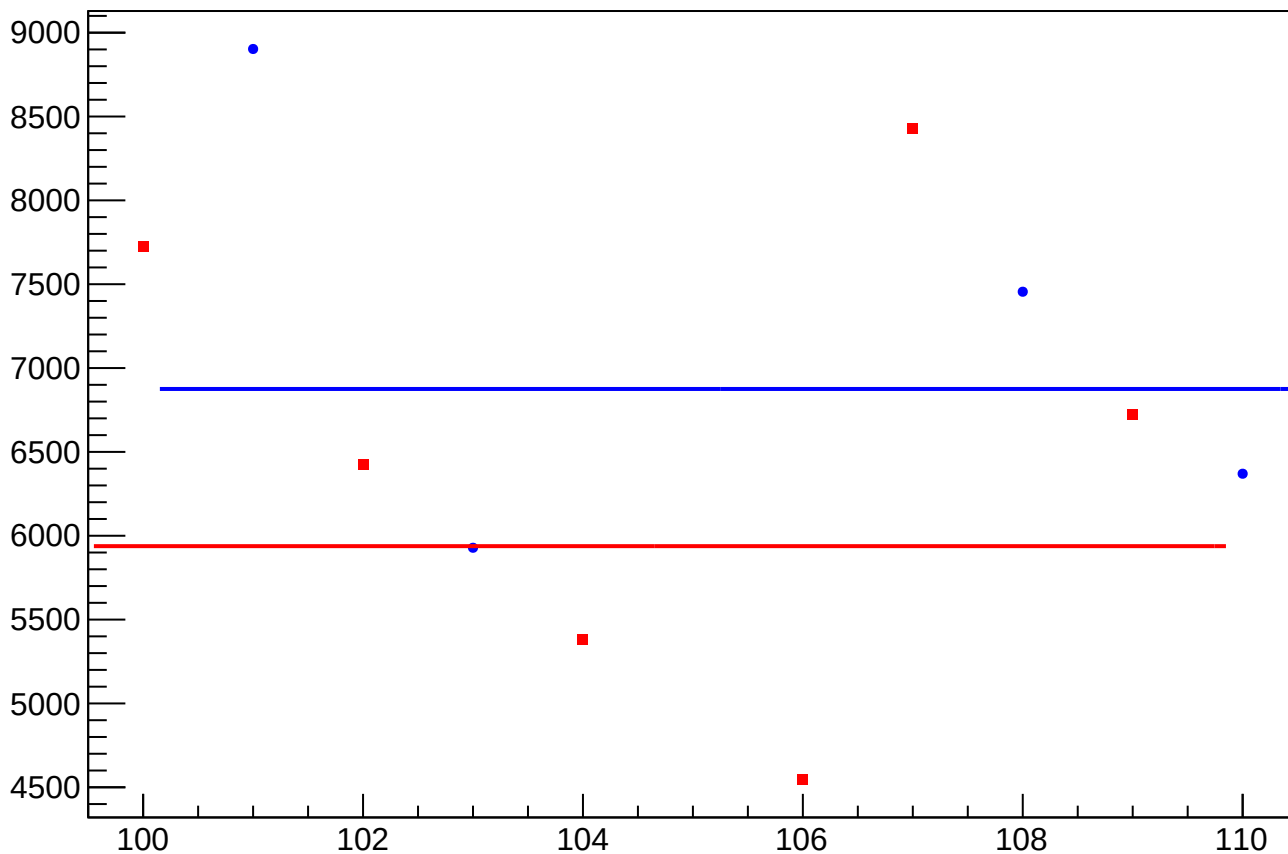
Right: -15.876+/-3114.135 χ^2/NDF : 9.2/9

In: -7265.468+/-4896.718 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.876+/-3114.135 χ^2/NDF : 9.2/9

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6875.297+/-3.463 χ^2/NDF : 108170.7/3

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

Right Out: 5937.954+/-2.853 χ^2/NDF : 130713.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

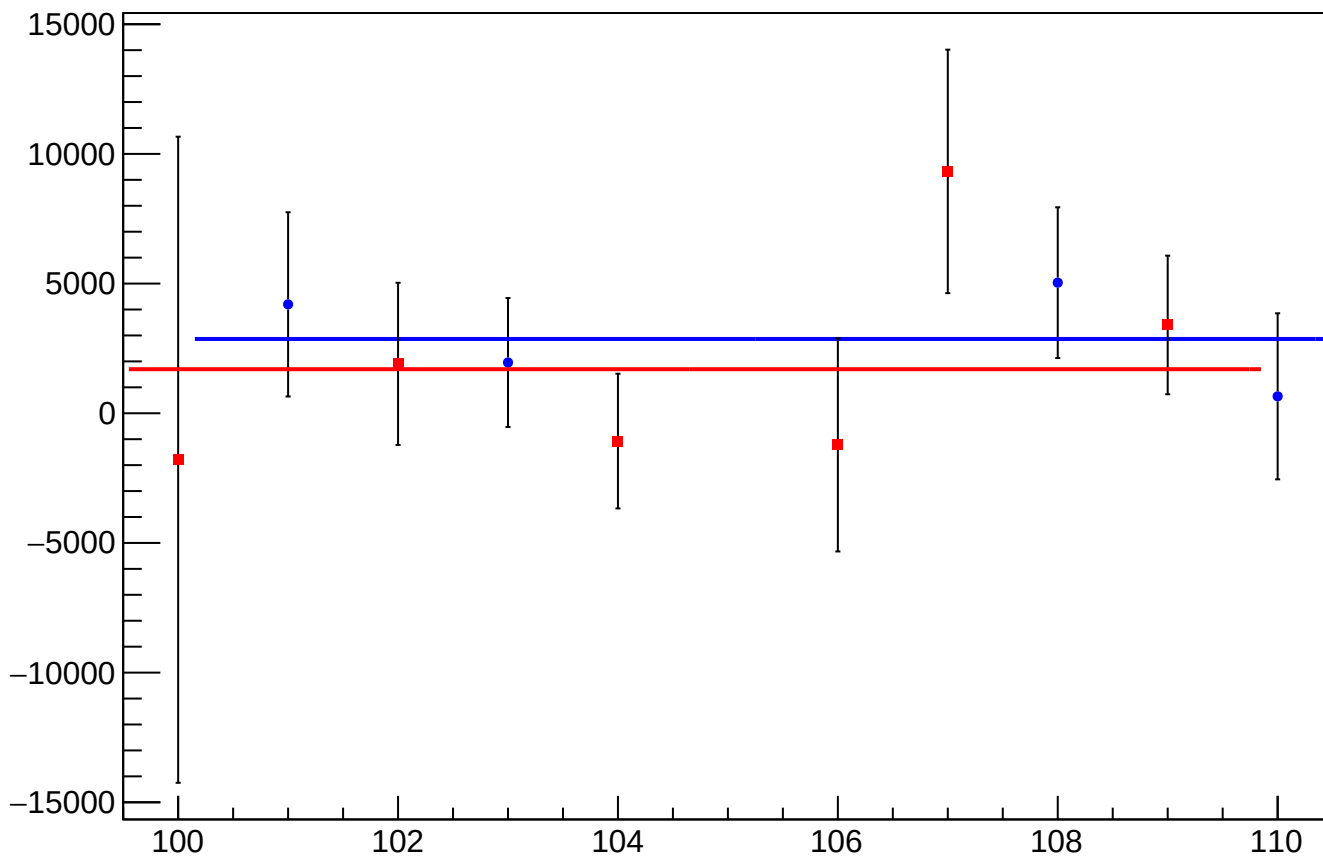
Right: 6317.062+/-2.202 χ^2/NDF : 282528.7/9

In: 6875.297+/-3.463 χ^2/NDF : 108170.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6317.062+/-2.202 χ^2/NDF : 282528.7/9

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2864.882 $\pm$ 1479.138 χ^2 /NDF: 1.3/3

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

Right Out: 1698.876 $\pm$ 1411.867 χ^2 /NDF: 4.8/5

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

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

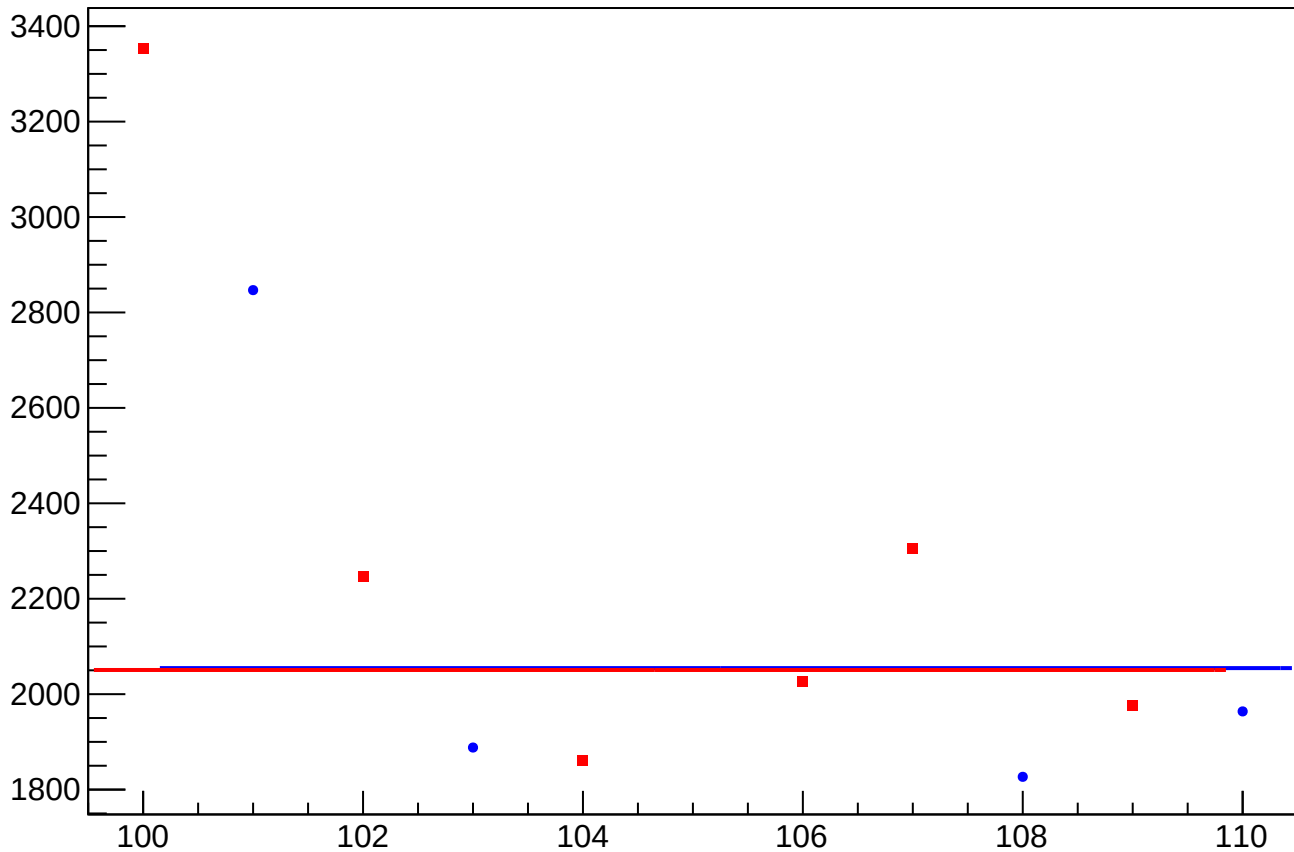
Right: 2254.762 $\pm$ 1021.295 χ^2 /NDF: 6.4/9

In: 2864.882 $\pm$ 1479.138 χ^2 /NDF: 1.3/3

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

All: 2254.762 $\pm$ 1021.295 χ^2 /NDF: 6.4/9

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2054.635+/-1.046 χ^2/NDF : 122333.7/3

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

Right Out: 2050.689+/-0.993 χ^2/NDF : 47923.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

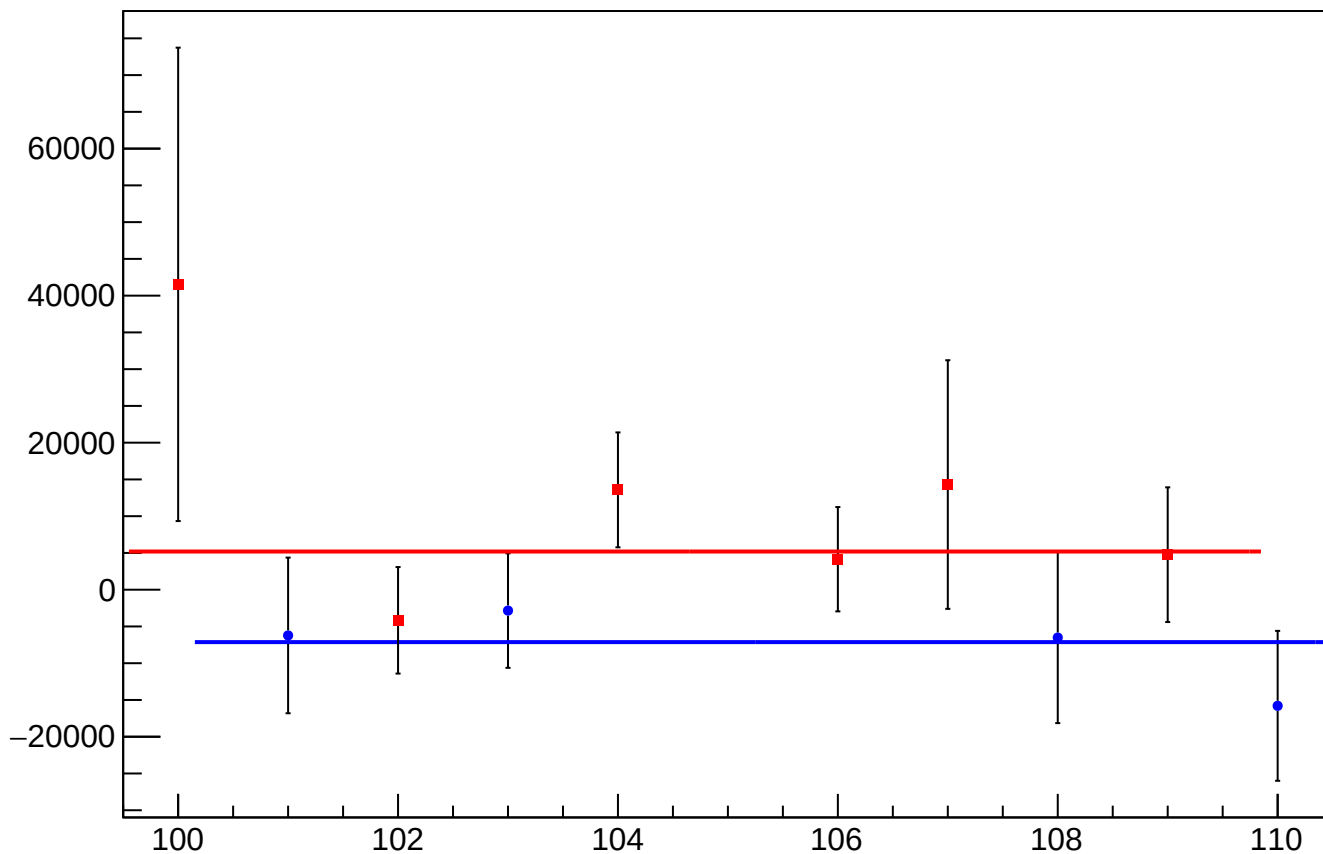
Right: 2052.560+/-0.720 χ^2/NDF : 170265.1/9

In: 2054.635+/-1.046 χ^2/NDF : 122333.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.560+/-0.720 χ^2/NDF : 170265.1/9

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: -7130.695+/-4855.194 χ^2/NDF : 1.0/3

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

Right Out: 5192.817+/-3735.307 χ^2/NDF : 4.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

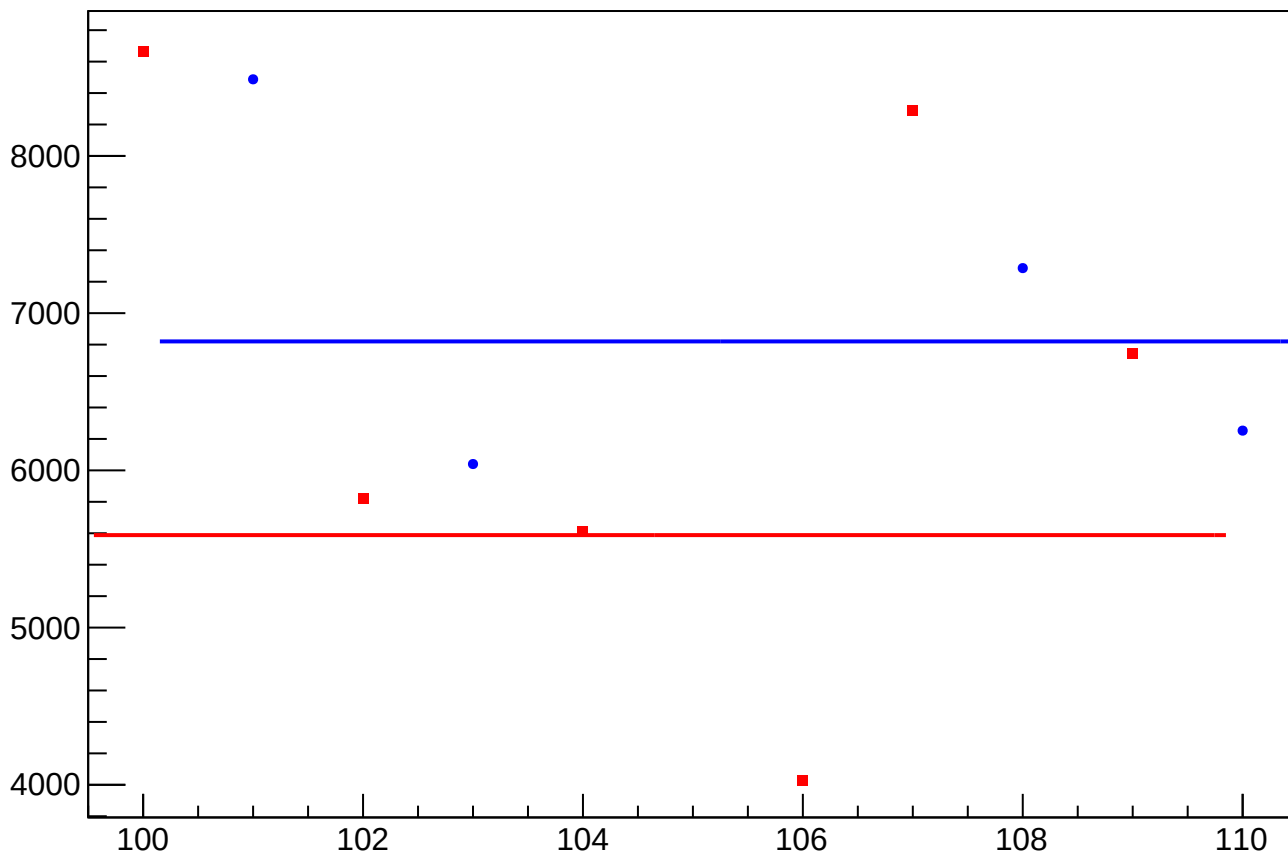
Right: 610.749+/-2960.534 χ^2/NDF : 9.5/9

In: -7130.695+/-4855.194 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 610.749+/-2960.534 χ^2/NDF : 9.5/9

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 6820.278+/-3.433 χ^2/NDF : 79064.2/3

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

Right Out: 5588.249+/-2.641 χ^2/NDF : 199640.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

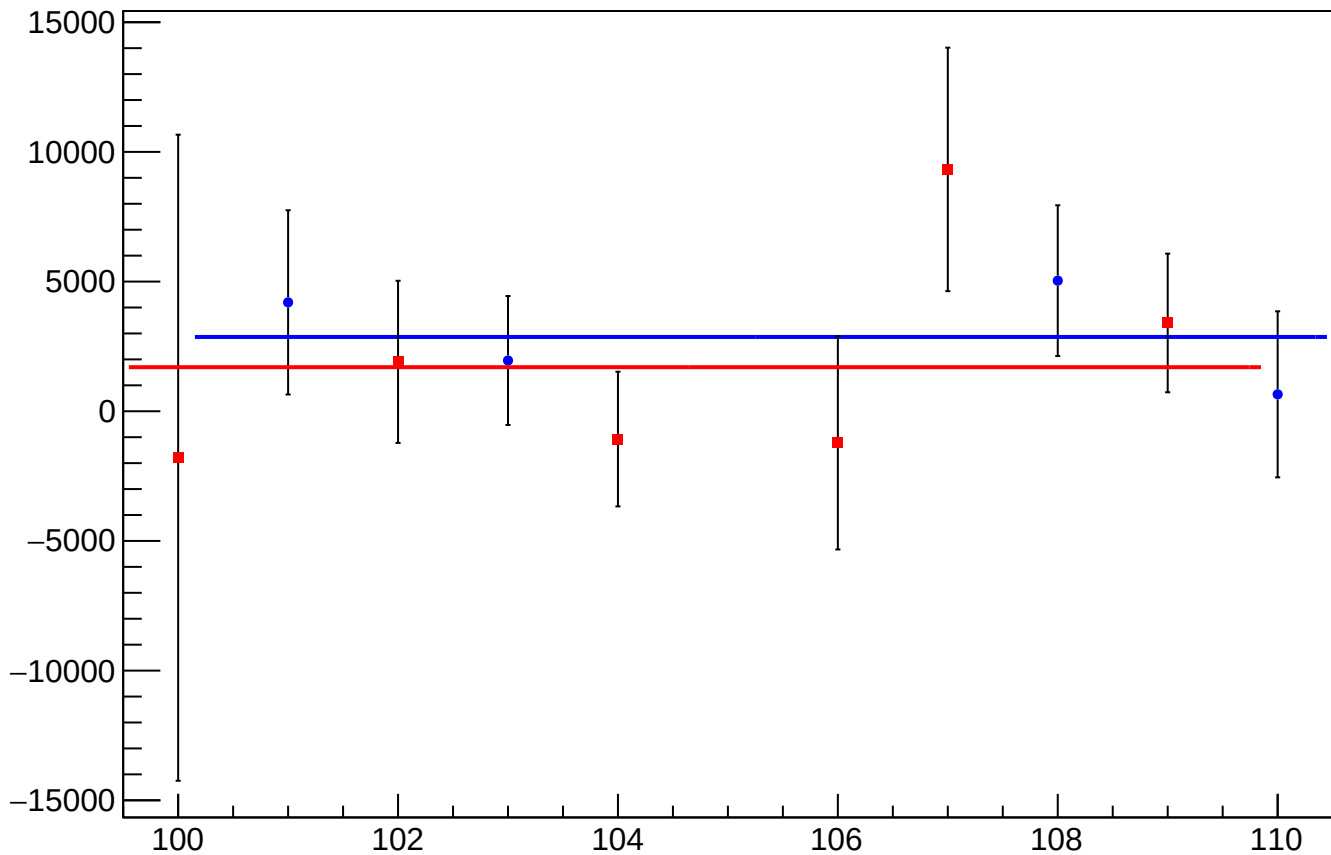
Right: 6046.336+/-2.093 χ^2/NDF : 359603.9/9

In: 6820.278+/-3.433 χ^2/NDF : 79064.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6046.336+/-2.093 χ^2/NDF : 359603.9/9

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2864.902+/-1479.138 χ^2/NDF : 1.3/3

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

Right Out: 1698.883+/-1411.867 χ^2/NDF : 4.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

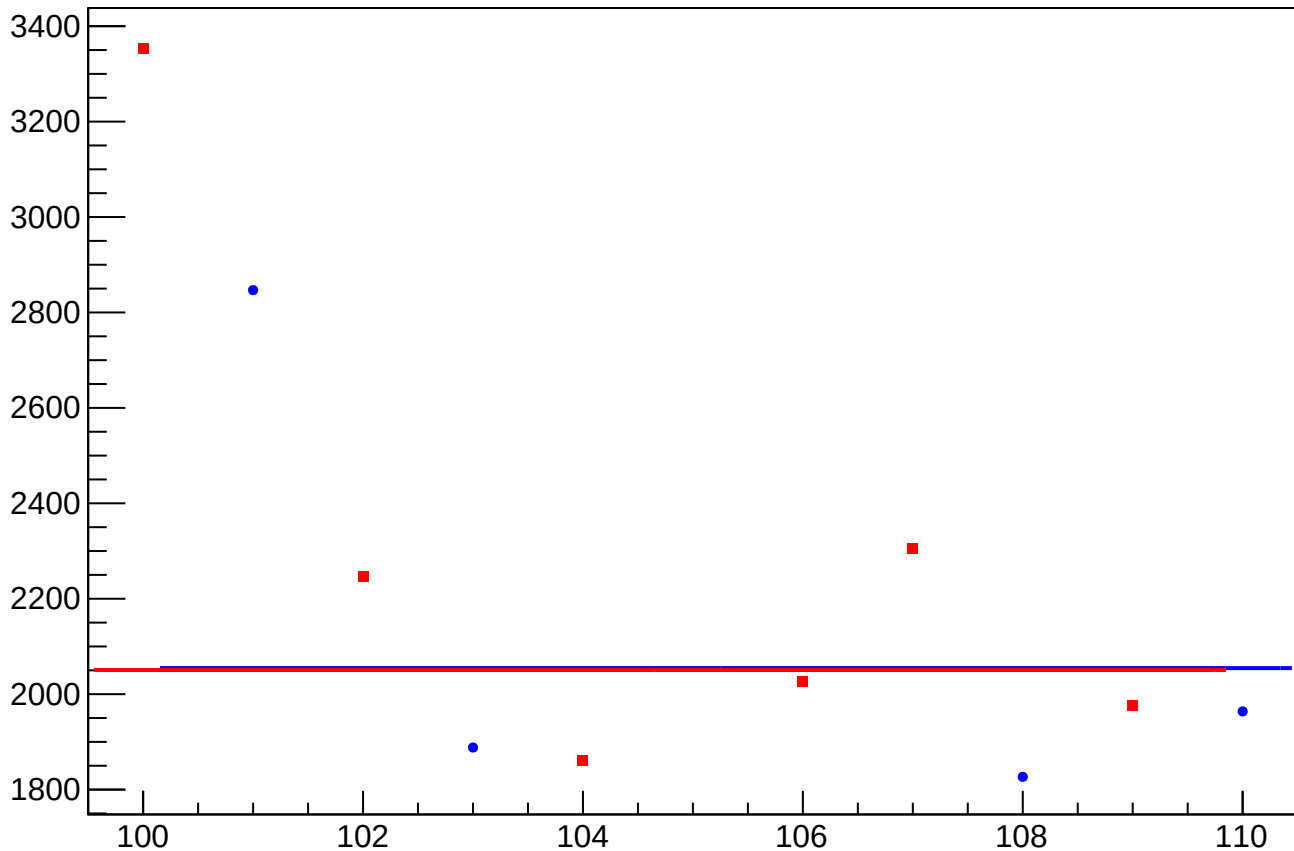
Right: 2254.775+/-1021.295 χ^2/NDF : 6.4/9

In: 2864.902+/-1479.138 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2254.775+/-1021.295 χ^2/NDF : 6.4/9

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2054.636+/-1.046 χ^2/NDF : 122333.2/3

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

Right Out: 2050.689+/-0.993 χ^2/NDF : 47923.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

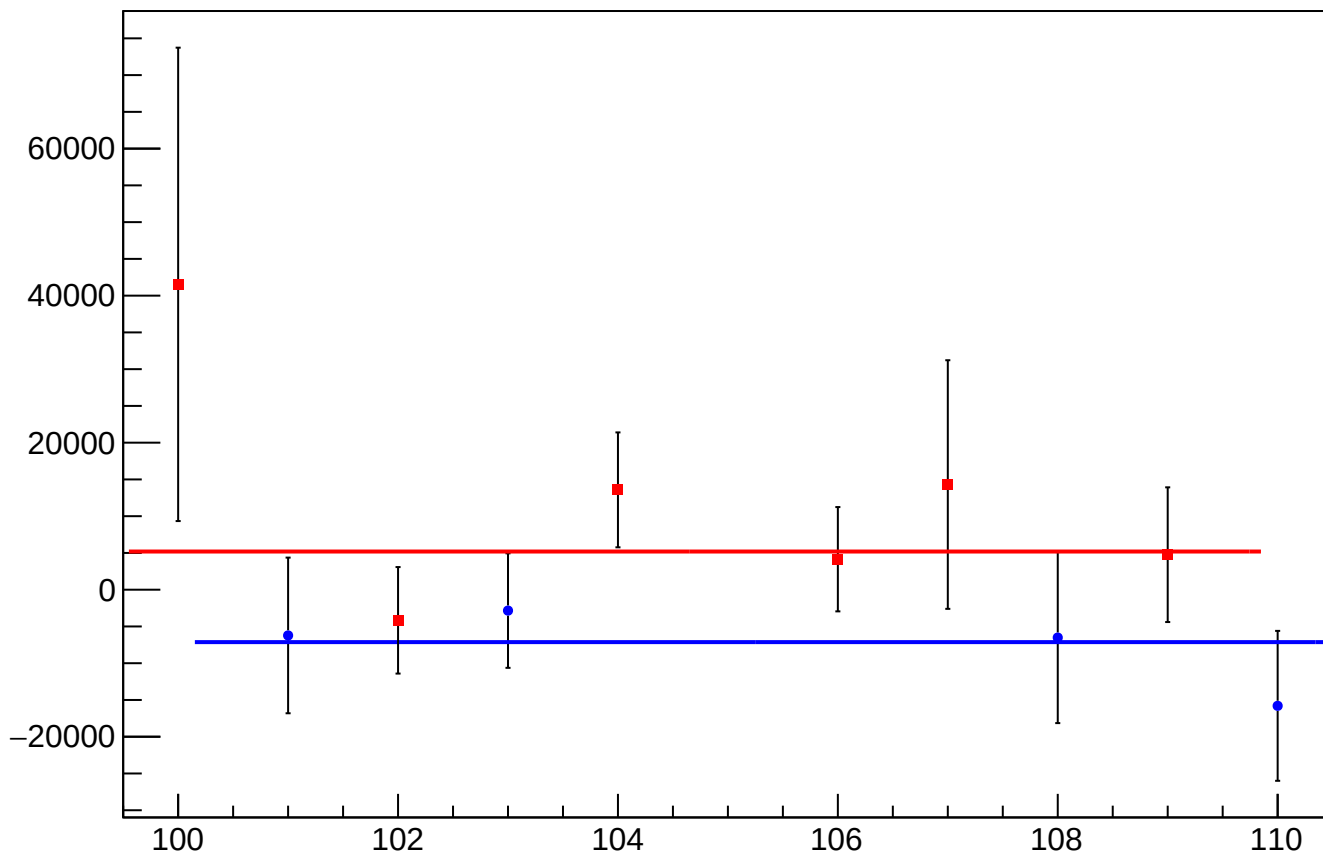
Right: 2052.561+/-0.720 χ^2/NDF : 170264.6/9

In: 2054.636+/-1.046 χ^2/NDF : 122333.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.561+/-0.720 χ^2/NDF : 170264.6/9

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -7130.687 $\pm$ 4855.186 χ^2 /NDF: 1.0/3

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

Right Out: 5192.818 $\pm$ 3735.301 χ^2 /NDF: 4.4/5

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

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

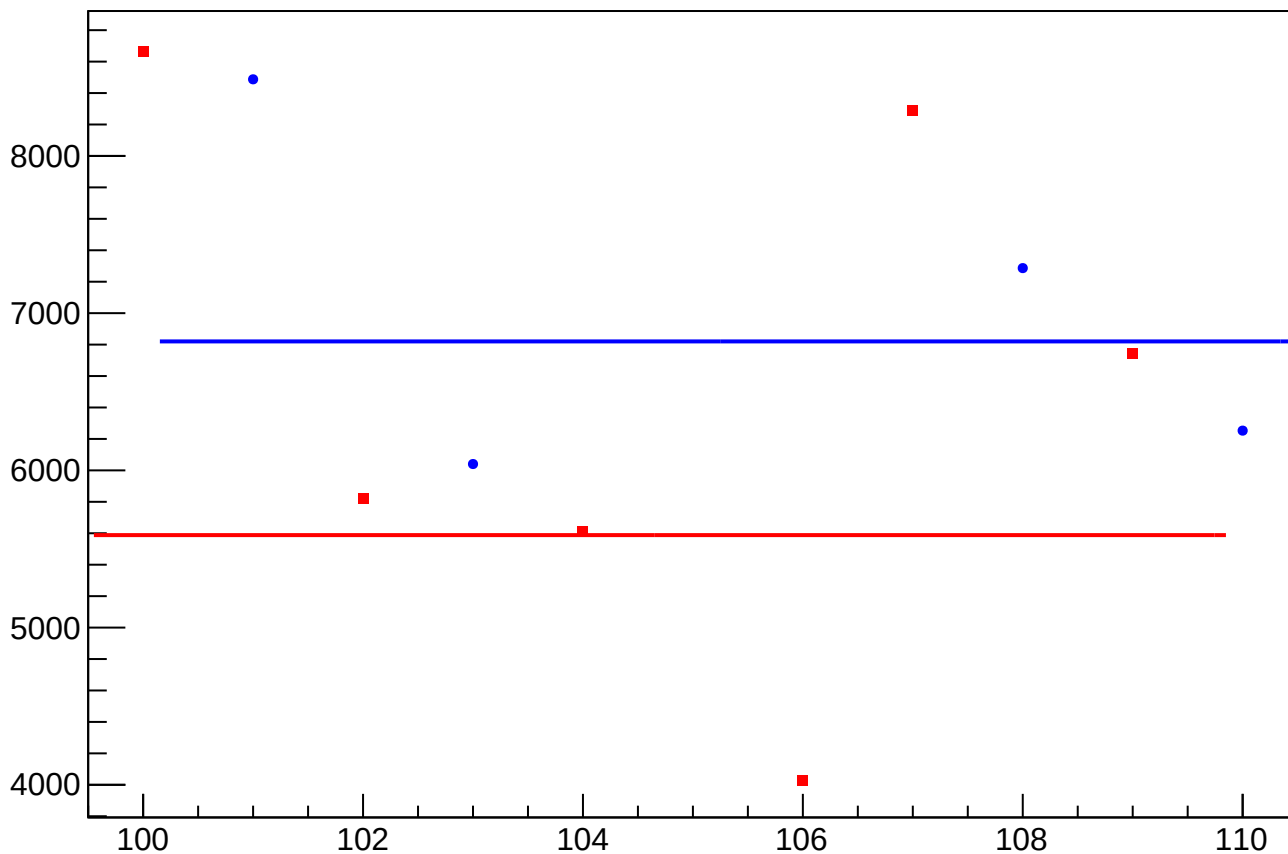
Right: 610.752 $\pm$ 2960.529 χ^2 /NDF: 9.5/9

In: -7130.687 $\pm$ 4855.186 χ^2 /NDF: 1.0/3

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

All: 610.752 $\pm$ 2960.529 χ^2 /NDF: 9.5/9

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 6820.267+/-3.433 χ^2/NDF : 79063.7/3

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

Right Out: 5588.240+/-2.641 χ^2/NDF : 199641.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

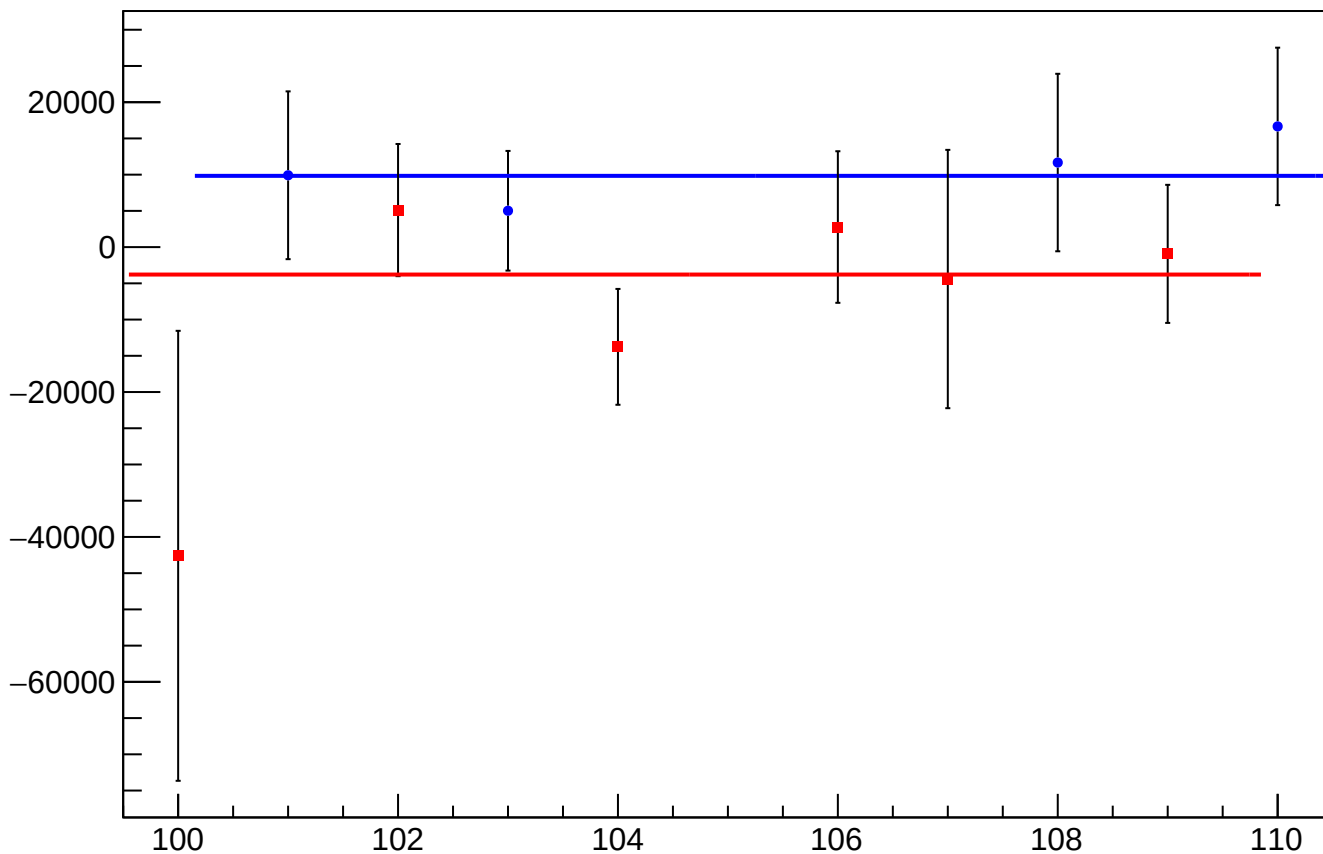
Right: 6046.326+/-2.093 χ^2/NDF : 359604.6/9

In: 6820.267+/-3.433 χ^2/NDF : 79063.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6046.326+/-2.093 χ^2/NDF : 359604.6/9

asym_atl2_mean vs Slug, Sign Corrected



Right In: 9835.783+/-5180.312 χ^2/NDF : 0.8/3

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

Right Out: -3786.581+/-4384.915 χ^2/NDF : 4.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

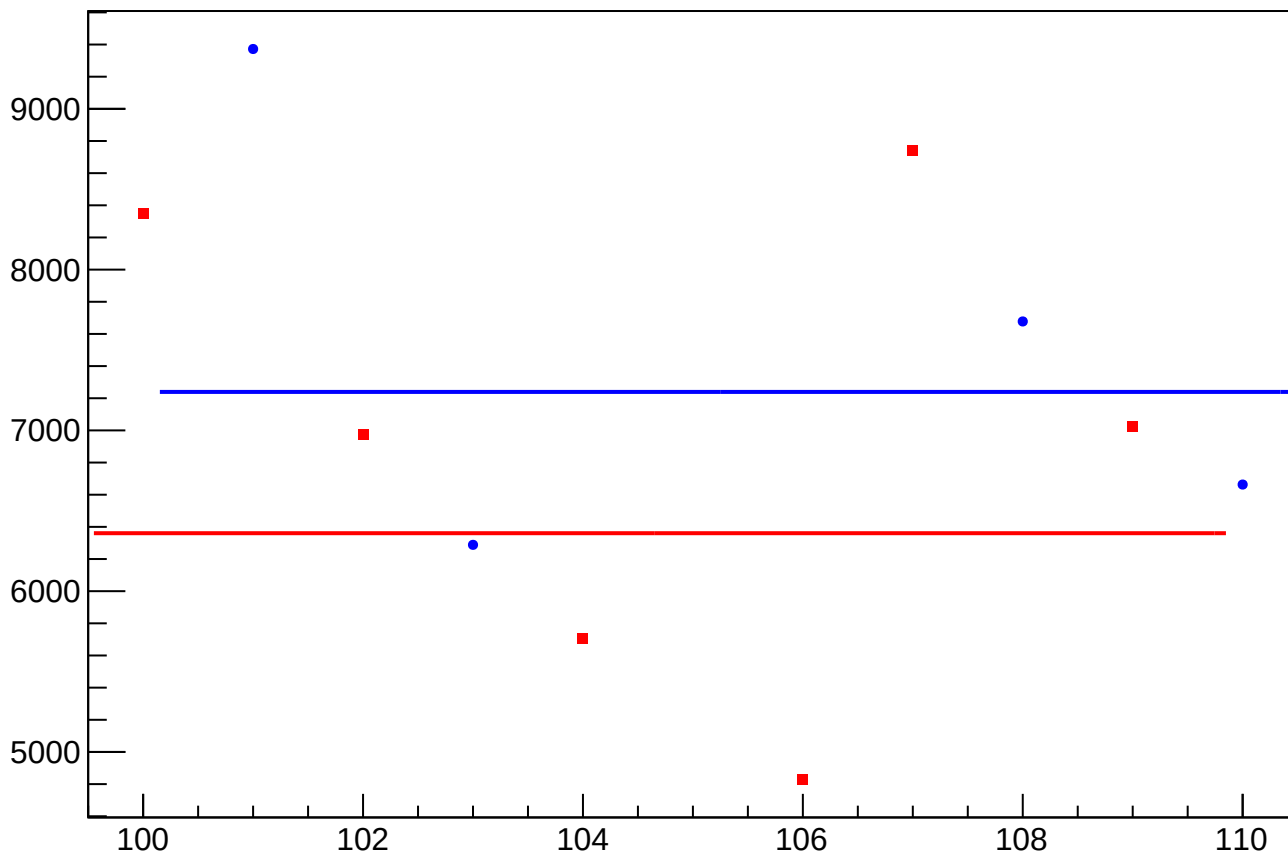
Right: 1899.612+/-3346.883 χ^2/NDF : 9.3/9

In: 9835.783+/-5180.312 χ^2/NDF : 0.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1899.612+/-3346.883 χ^2/NDF : 9.3/9

asym_atl2_rms vs Slug, Sign Corrected



Right In: 7239.356+/-3.663 χ^2/NDF : 102593.2/3

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

Right Out: 6360.597+/-3.101 χ^2/NDF : 118940.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

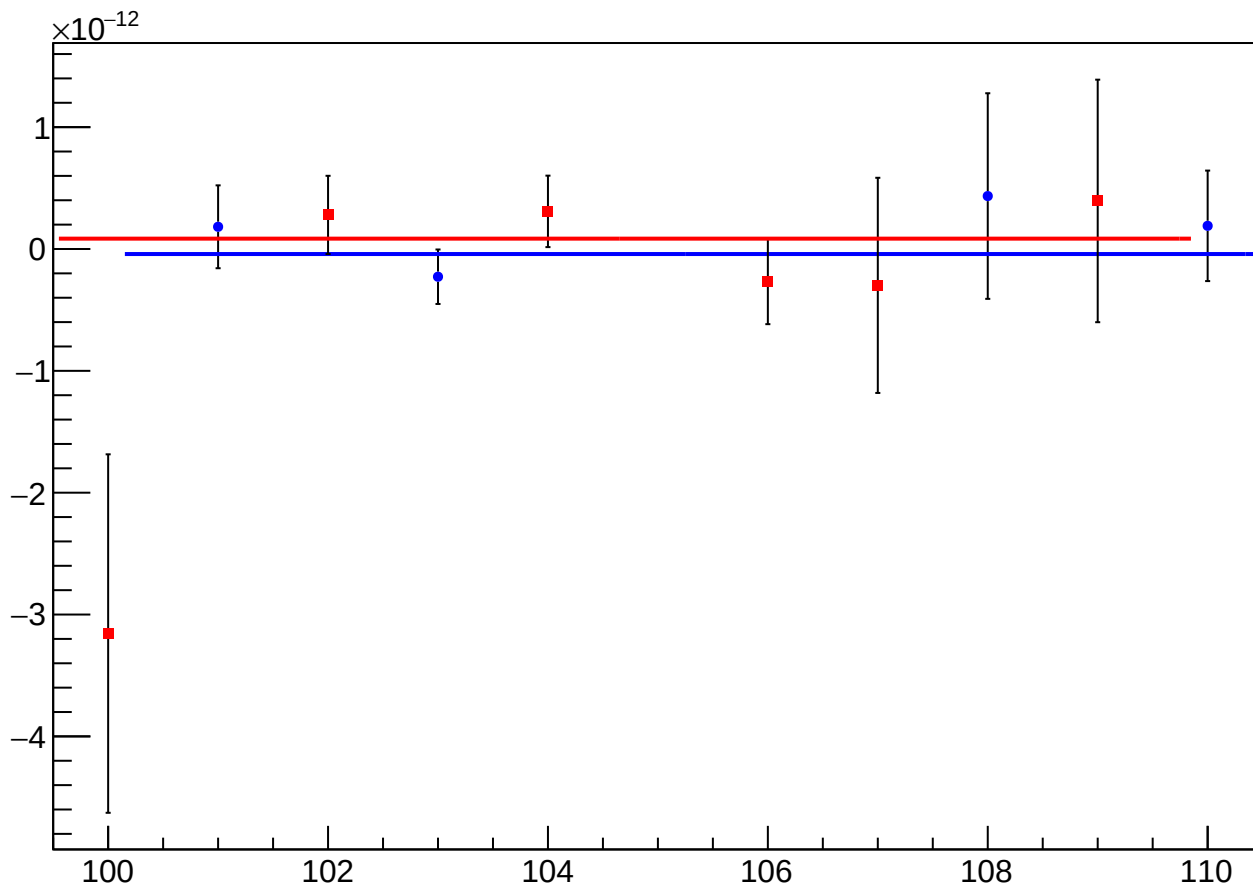
Right: 6727.404+/-2.367 χ^2/NDF : 255063.3/9

In: 7239.356+/-3.663 χ^2/NDF :102593.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6727.404+/-2.367 χ^2/NDF : 255063.3/9

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.7/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

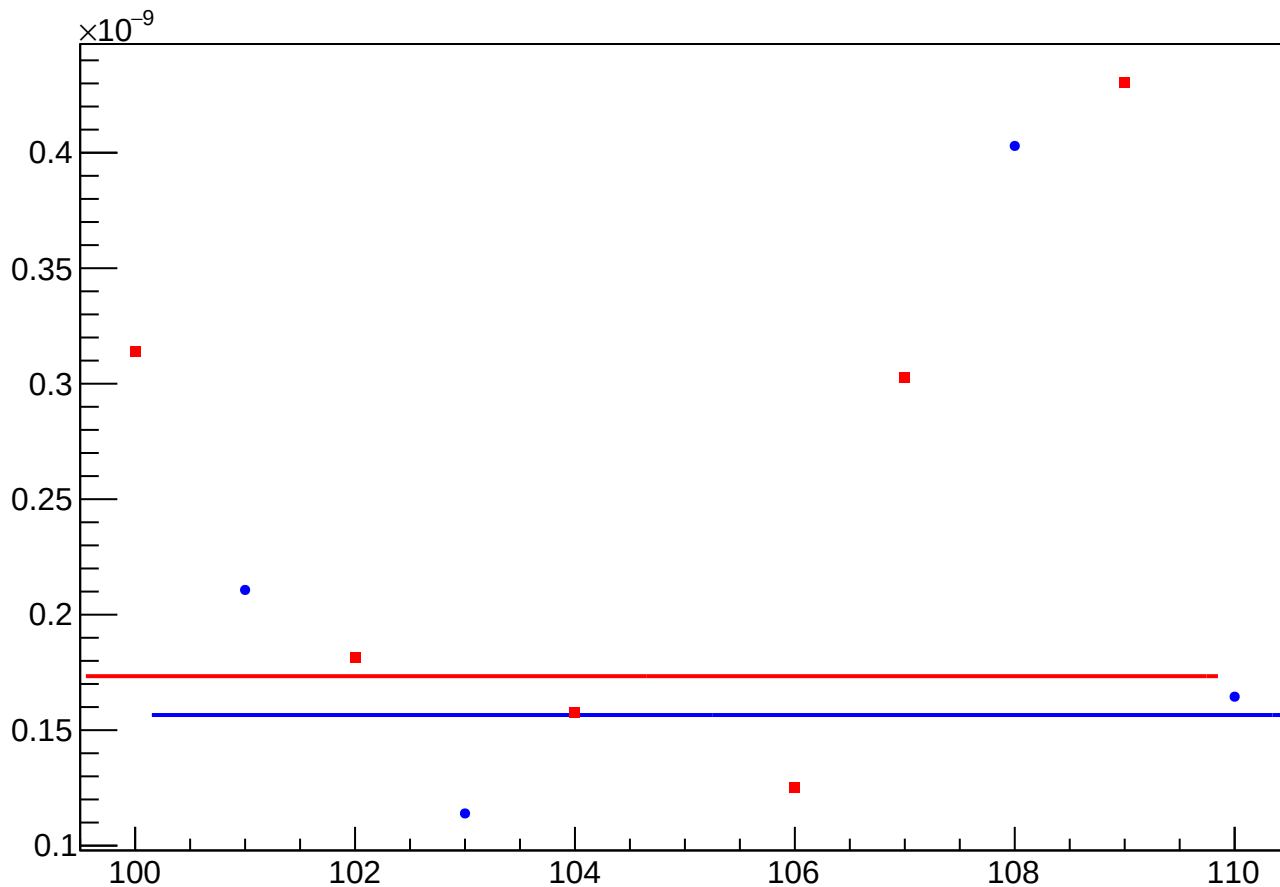
Right: 0.000+/-0.000 χ^2/NDF : 9.0/9

In: -0.000+/-0.000 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.0/9

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 294602.5/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 239056.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

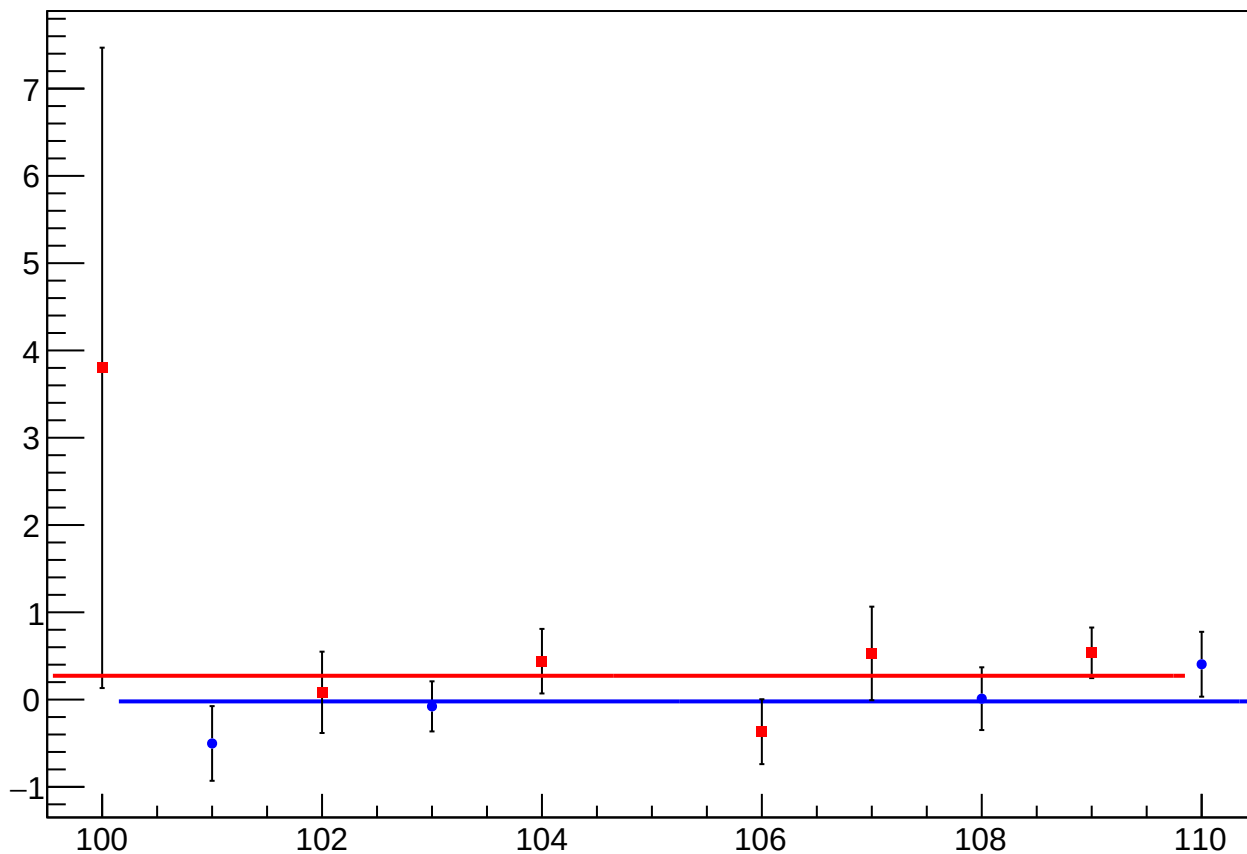
Right: 0.000+/-0.000 χ^2/NDF : 543125.1/9

In: 0.000+/-0.000 χ^2/NDF : 294602.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 543125.1/9

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.175 χ^2/NDF : 2.6/3

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

Right Out: 0.273+/-0.170 χ^2/NDF : 5.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

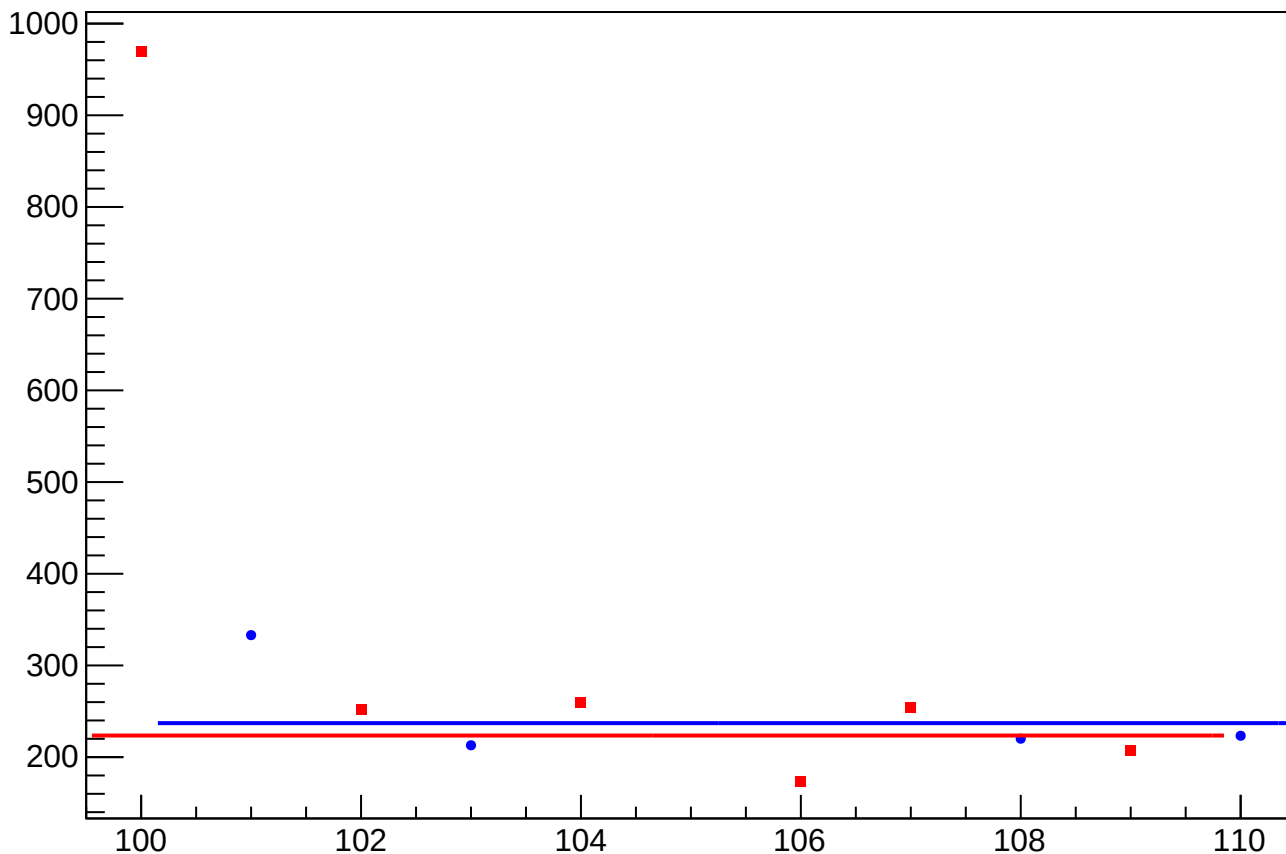
Right: 0.131+/-0.122 χ^2/NDF : 9.4/9

In: -0.021+/-0.175 χ^2/NDF : 2.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.131+/-0.122 χ^2/NDF : 9.4/9

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 237.089+/-0.124 χ^2/NDF : 122010.3/3

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

Right Out: 223.567+/-0.120 χ^2/NDF : 158057.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

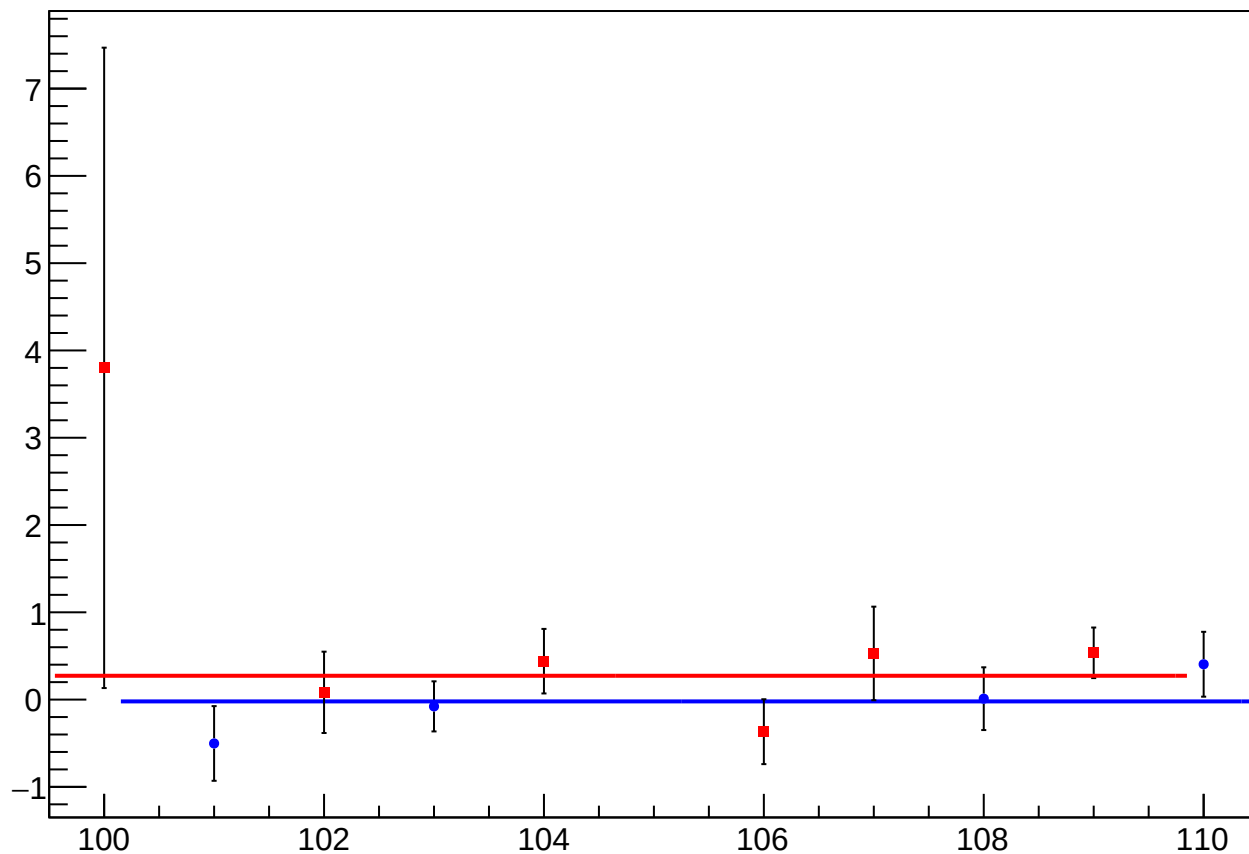
Right: 230.123+/-0.086 χ^2/NDF : 286209.0/9

In: 237.089+/-0.124 χ^2/NDF : 122010.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.123+/-0.086 χ^2/NDF : 286209.0/9

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.175 χ^2 /NDF: 2.6/3

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

Right Out: 0.273 $\pm$ 0.170 χ^2 /NDF: 5.3/5

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

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

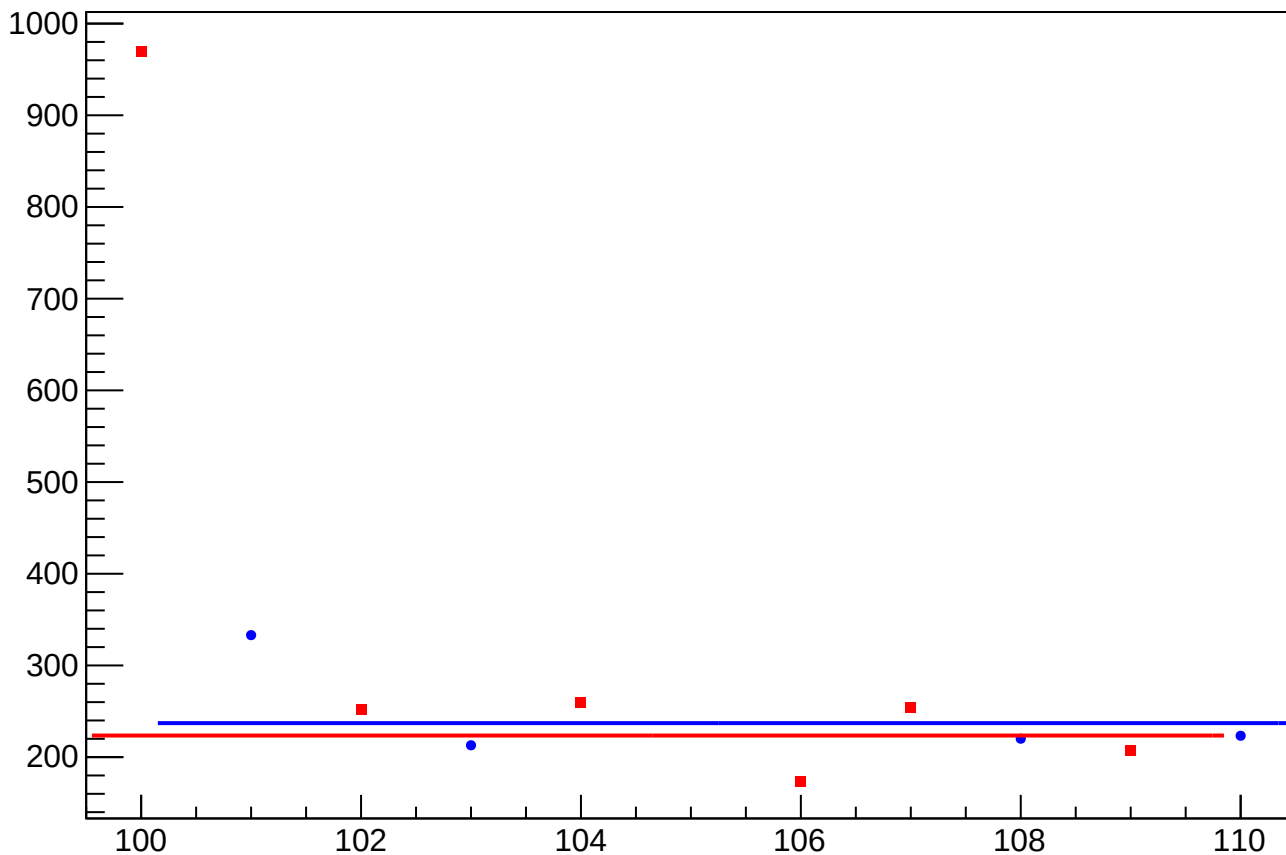
Right: 0.131 $\pm$ 0.122 χ^2 /NDF: 9.4/9

In: -0.021 $\pm$ 0.175 χ^2 /NDF:2.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.131 $\pm$ 0.122 χ^2 /NDF: 9.4/9

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 237.089+/-0.124 χ^2/NDF : 122010.3/3

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

Right Out: 223.567+/-0.120 χ^2/NDF : 158057.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

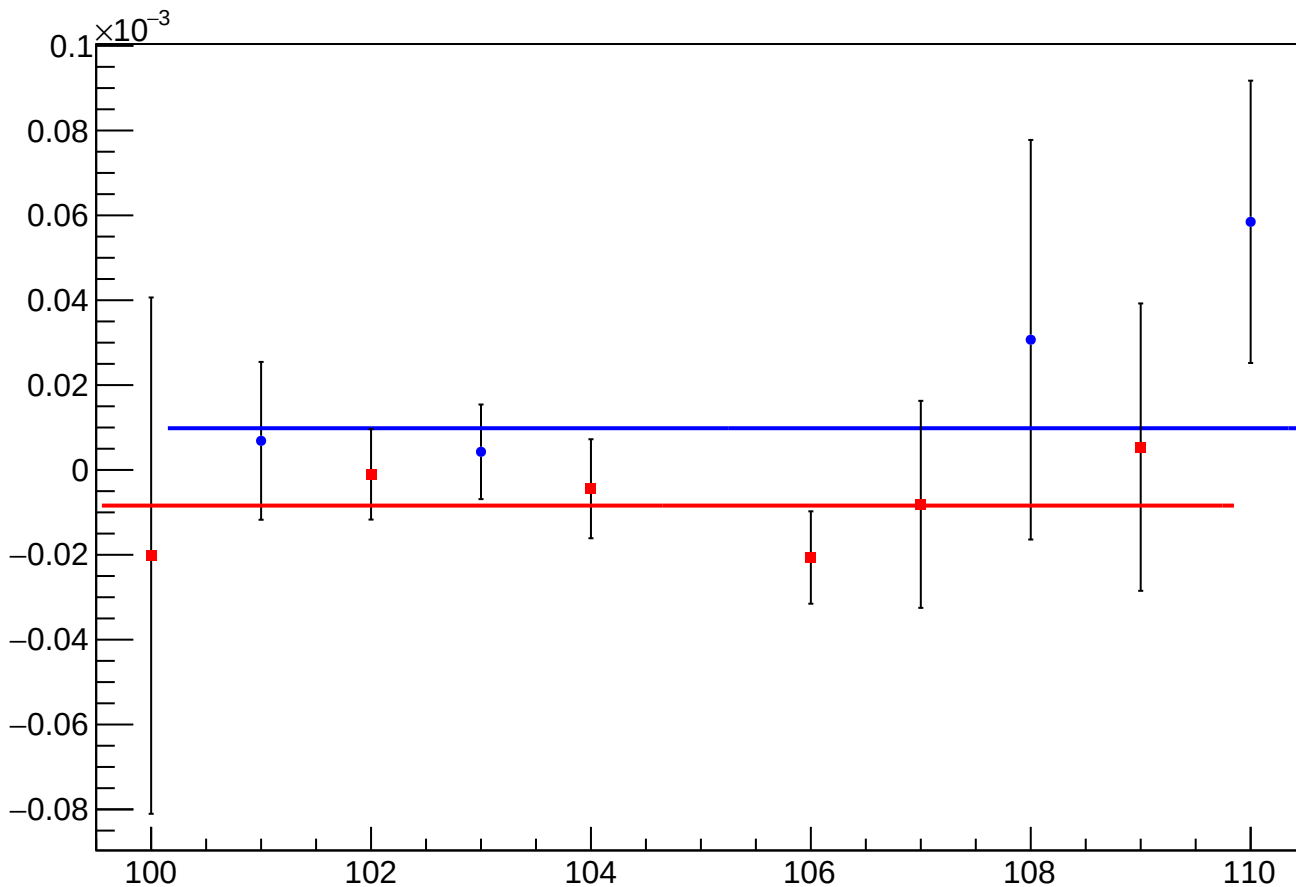
Right: 230.123+/-0.086 χ^2/NDF : 286209.0/9

In: 237.089+/-0.124 χ^2/NDF : 122010.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.123+/-0.086 χ^2/NDF : 286209.0/9

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.6/3

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

Right Out: -0.000+/-0.000 χ^2/NDF : 2.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

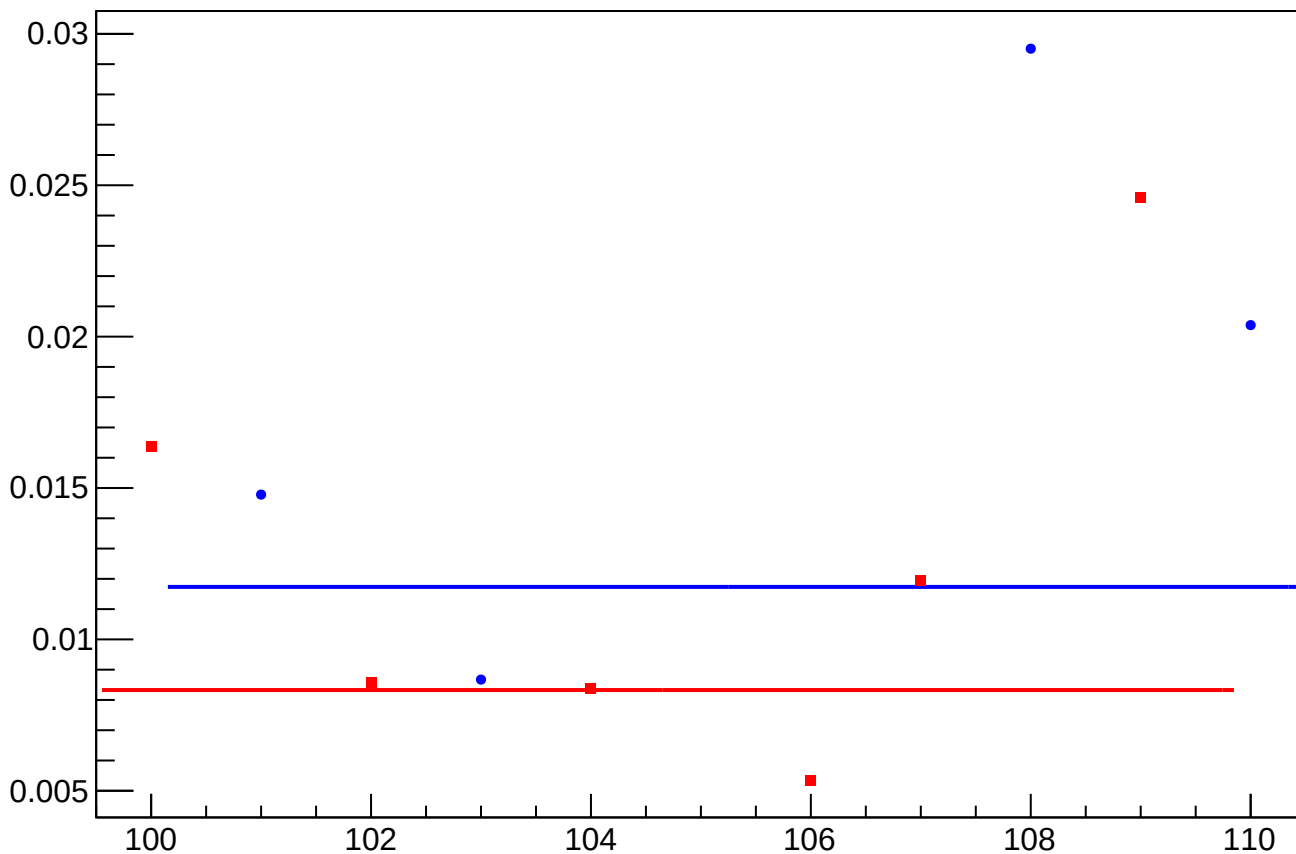
Right: -0.000+/-0.000 χ^2/NDF : 7.5/9

In: 0.000+/-0.000 χ^2/NDF : 2.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.5/9

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 624739.6/3

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

Right Out: 0.008+/-0.000 χ^2/NDF : 693076.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

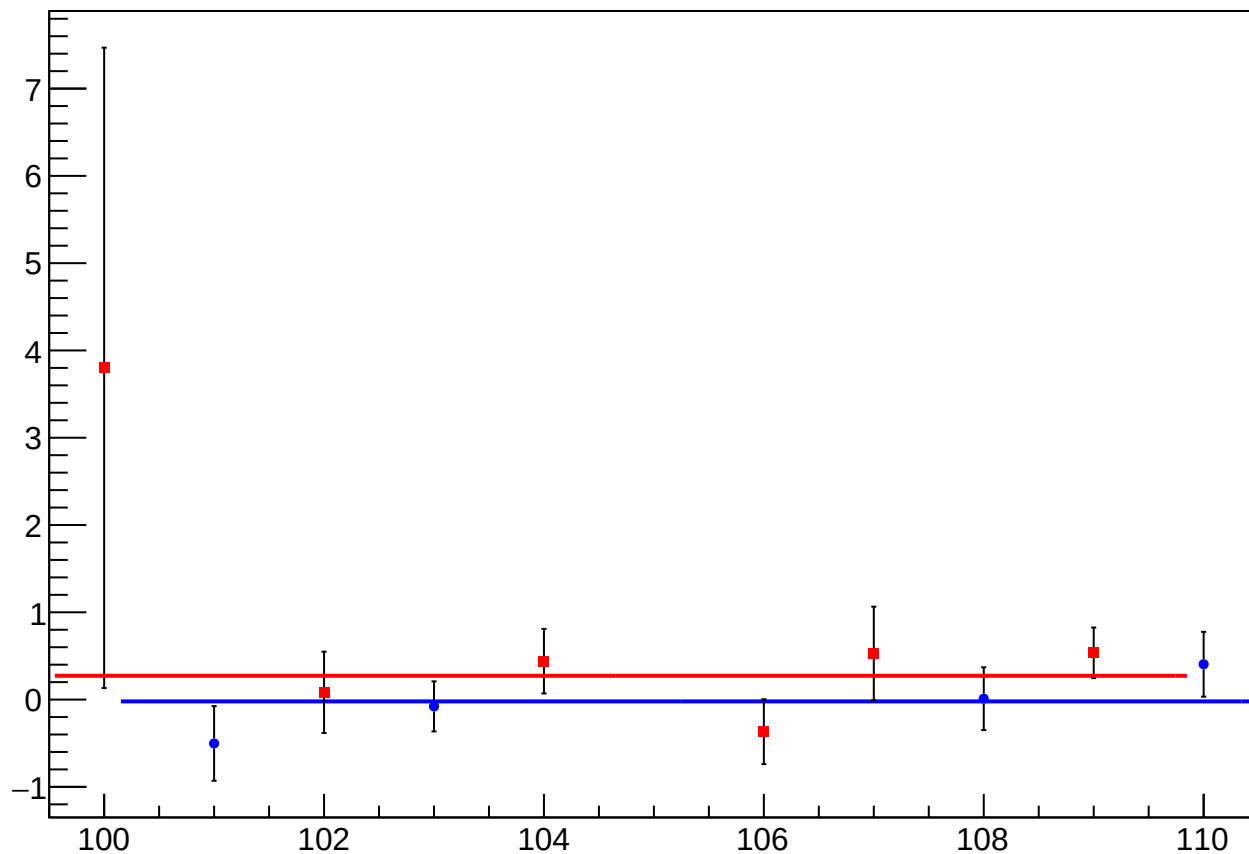
Right: 0.009+/-0.000 χ^2/NDF : 1514768.5/9

In: 0.012+/-0.000 χ^2/NDF : 624739.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 1514768.5/9

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.175 χ^2/NDF : 2.6/3

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

Right Out: 0.273+/-0.170 χ^2/NDF : 5.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

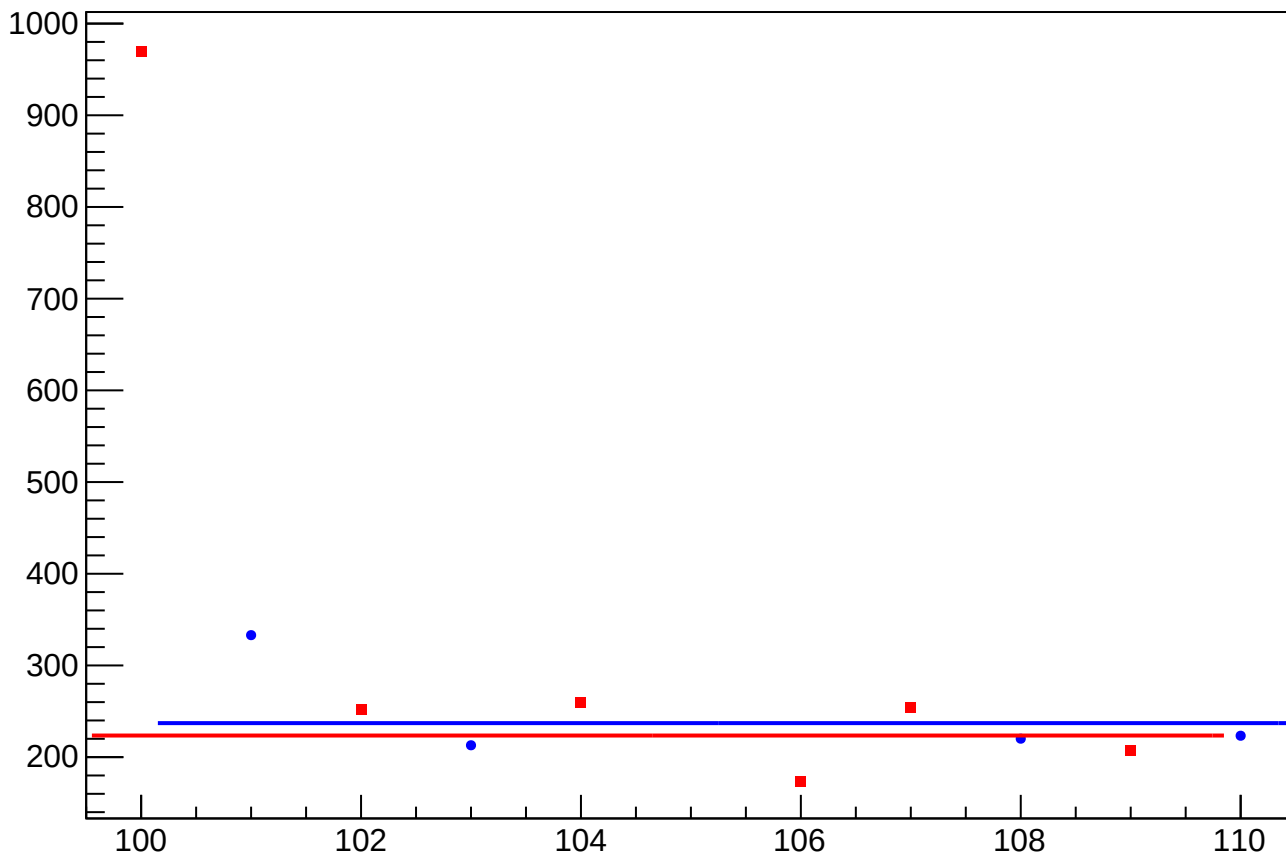
Right: 0.131+/-0.122 χ^2/NDF : 9.4/9

In: -0.021+/-0.175 χ^2/NDF : 2.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.131+/-0.122 χ^2/NDF : 9.4/9

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 237.098+/-0.124 χ^2/NDF : 121982.3/3

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

Right Out: 223.569+/-0.120 χ^2/NDF : 158056.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

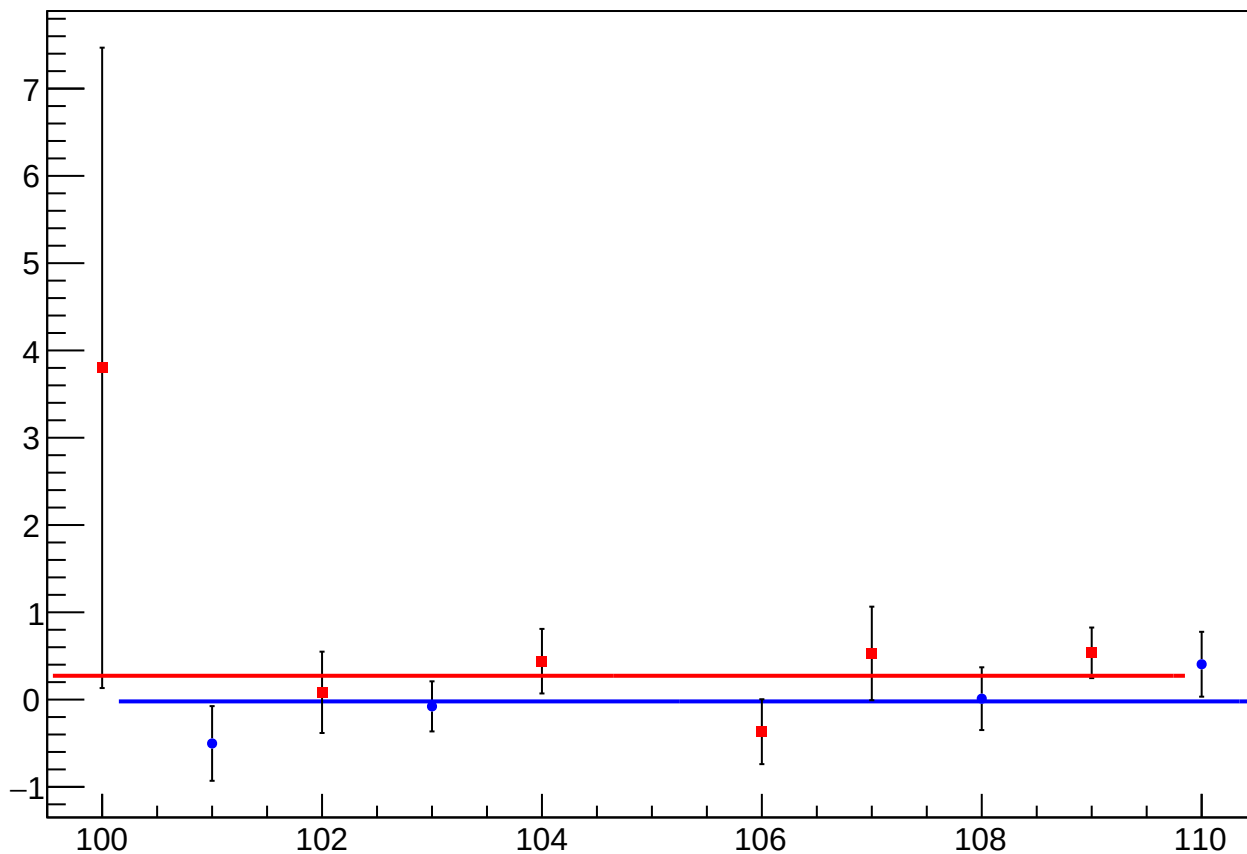
Right: 230.128+/-0.086 χ^2/NDF : 286184.6/9

In: 237.098+/-0.124 χ^2/NDF : 121982.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.128+/-0.086 χ^2/NDF : 286184.6/9

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.175 χ^2/NDF : 2.6/3

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

Right Out: 0.273+/-0.170 χ^2/NDF : 5.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

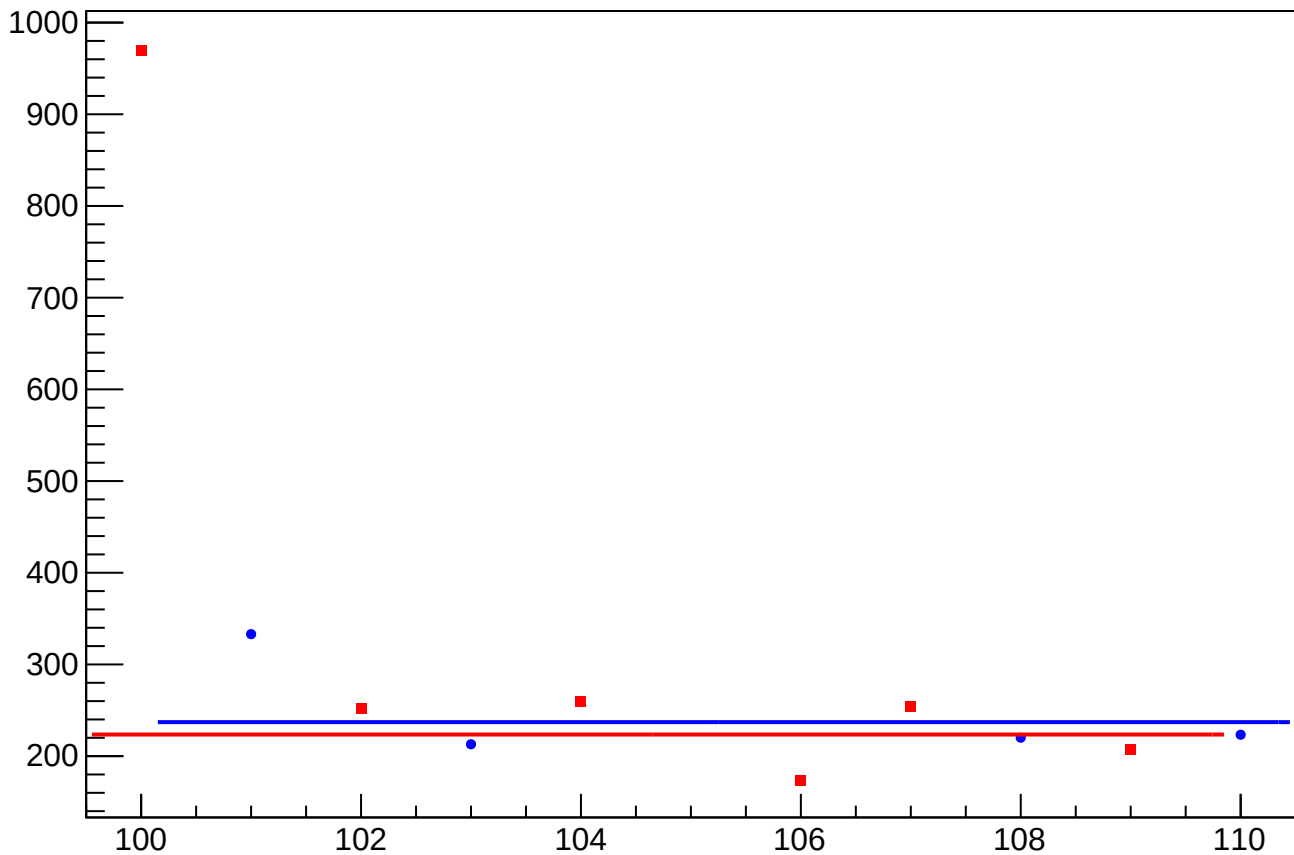
Right: 0.131+/-0.122 χ^2/NDF : 9.4/9

In: -0.021+/-0.175 χ^2/NDF : 2.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.131+/-0.122 χ^2/NDF : 9.4/9

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 237.098+/-0.124 χ^2/NDF : 121982.3/3

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

Right Out: 223.569+/-0.120 χ^2/NDF : 158056.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

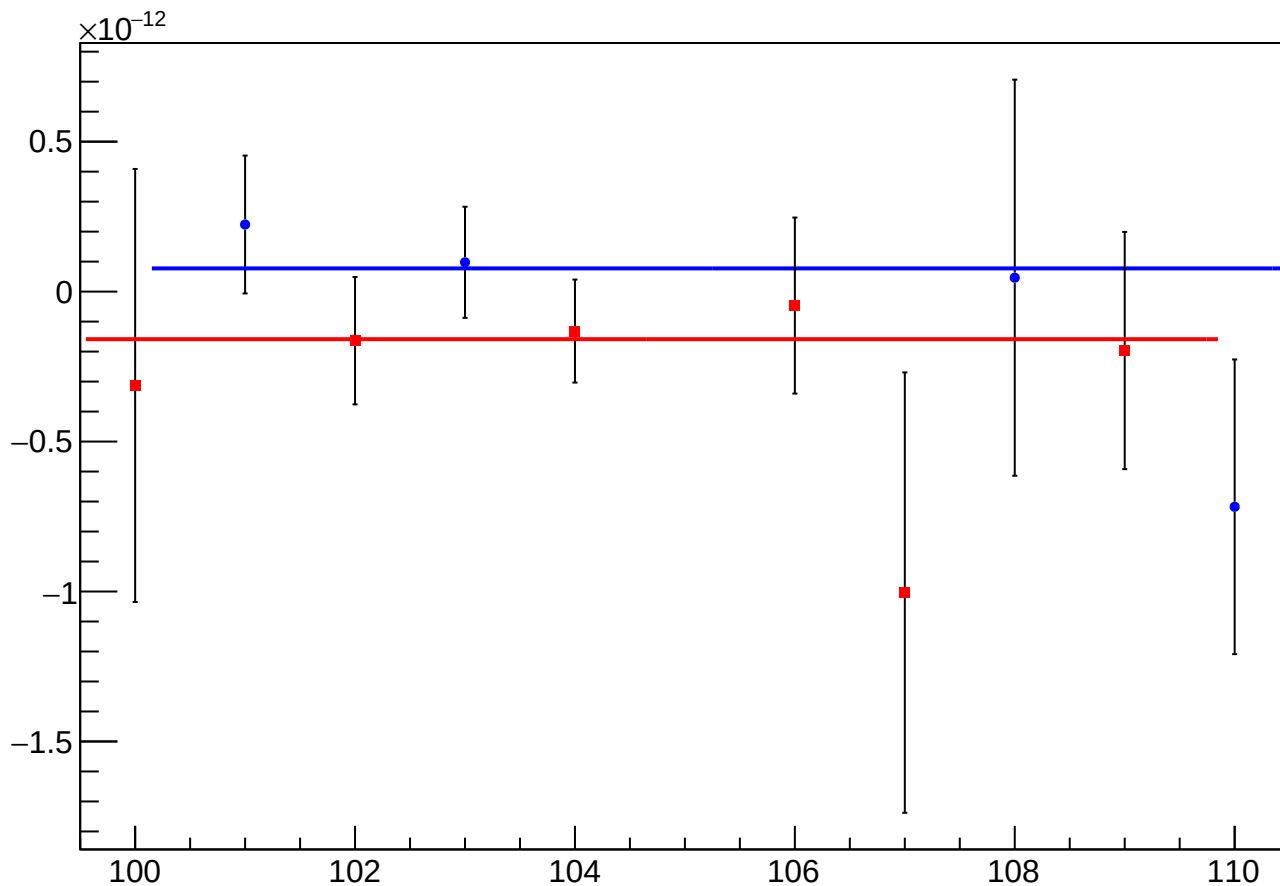
Right: 230.128+/-0.086 χ^2/NDF : 286184.6/9

In: 237.098+/-0.124 χ^2/NDF : 121982.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.128+/-0.086 χ^2/NDF : 286184.6/9

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.0/3

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

Right Out: -0.000+/-0.000 χ^2/NDF : 1.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

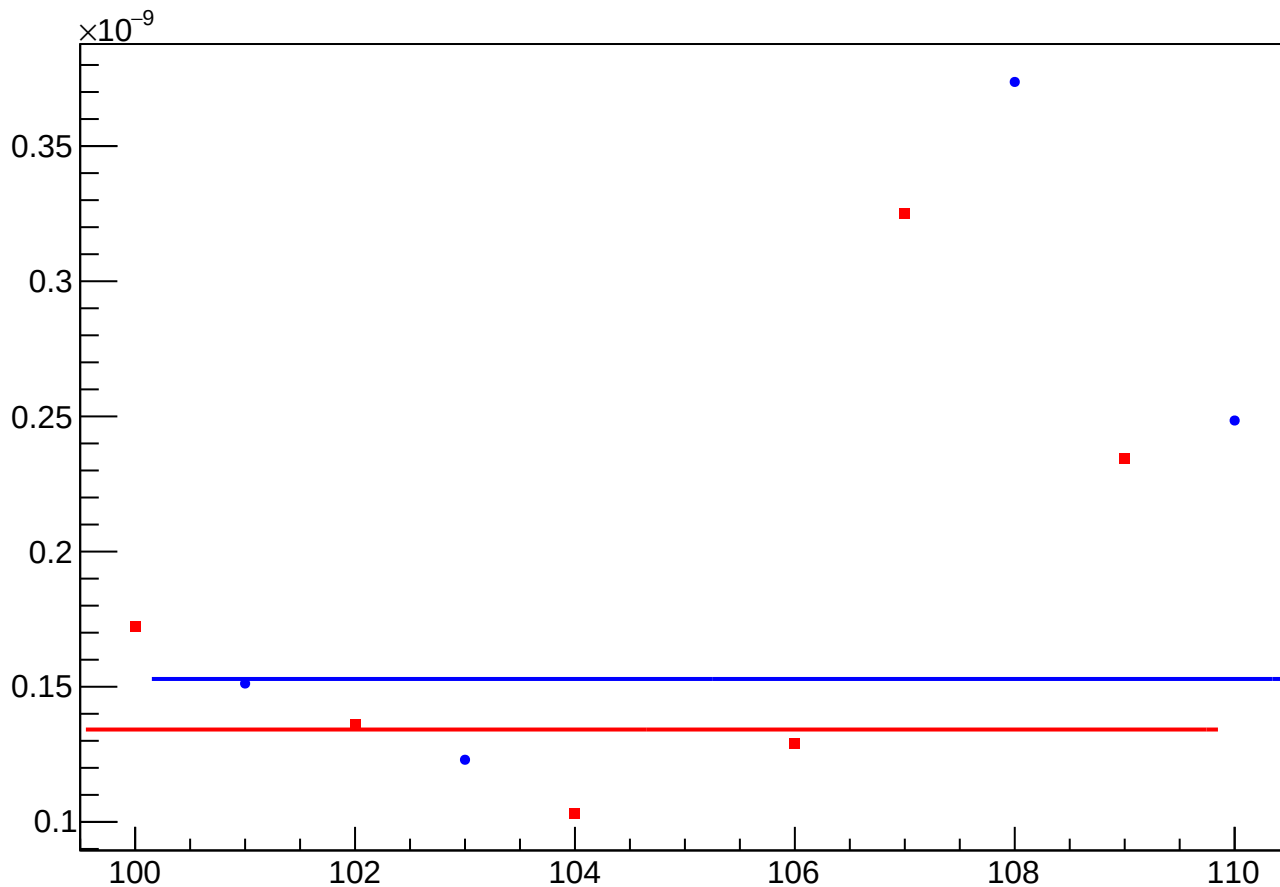
Right: -0.000+/-0.000 χ^2/NDF : 6.4/9

In: 0.000+/-0.000 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.4/9

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 351594.0/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 335349.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

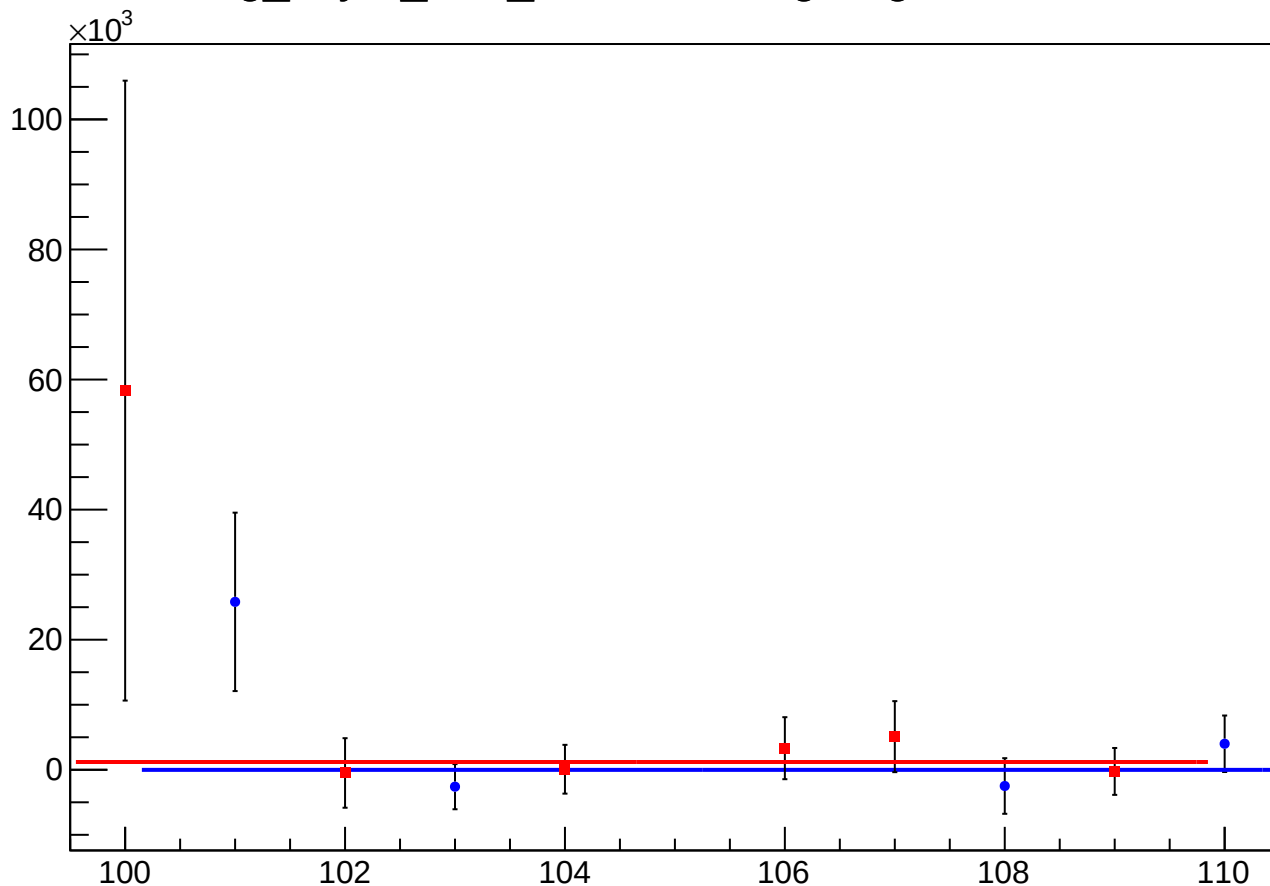
Right: 0.000+/-0.000 χ^2/NDF : 709374.0/9

In: 0.000+/-0.000 χ^2/NDF : 351594.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 709374.0/9

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: -13.485 ± 2258.322 χ^2/NDF : 5.3/3

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

Right Out: 1196.021 ± 1957.245 χ^2/NDF : 2.5/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

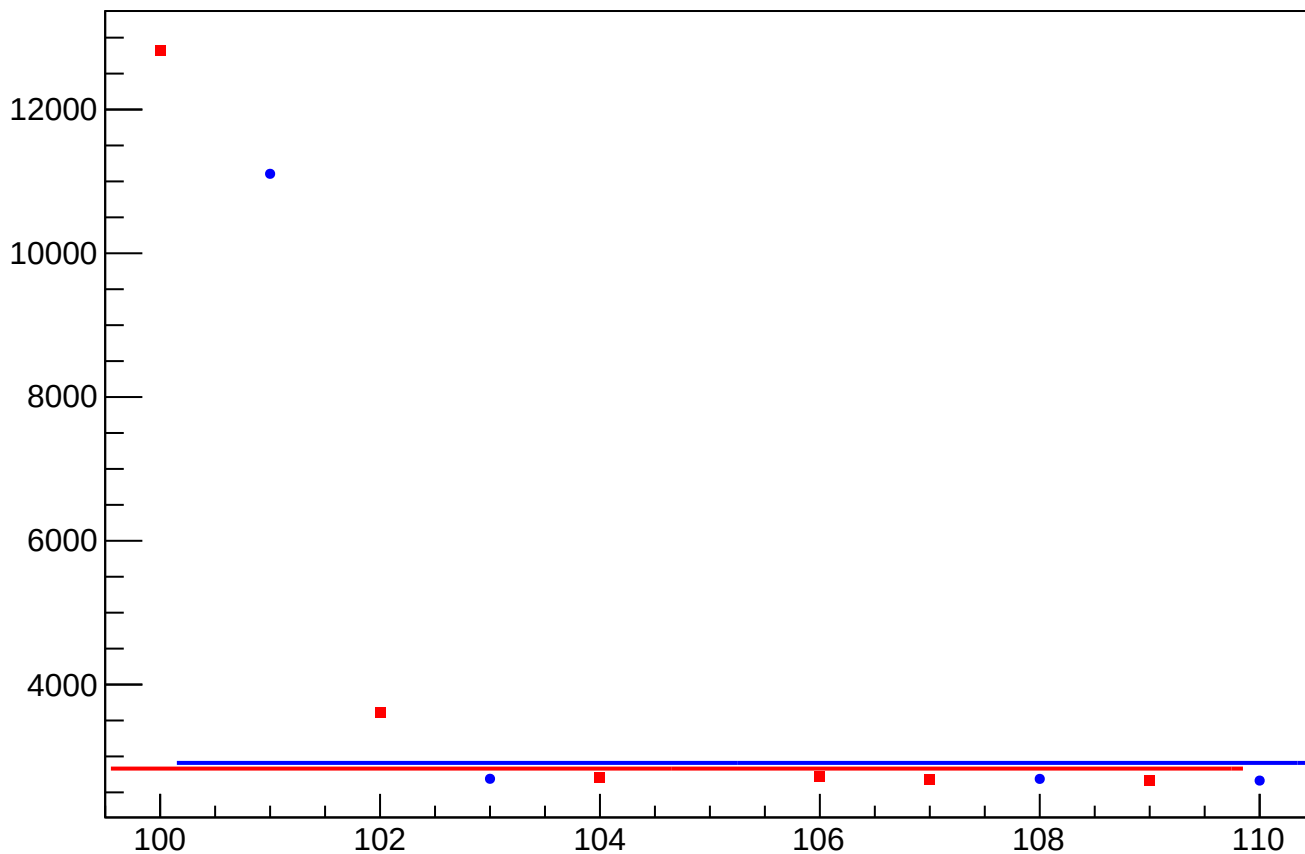
Right: 677.213 ± 1479.058 χ^2/NDF : 7.9/9

In: -13.485 ± 2258.322 χ^2/NDF : 5.3/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 677.213 ± 1479.058 χ^2/NDF : 7.9/9

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2910.021+/-1.597 χ^2/NDF : 733994.1/3

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

Right Out: 2830.979+/-1.384 χ^2/NDF : 139049.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

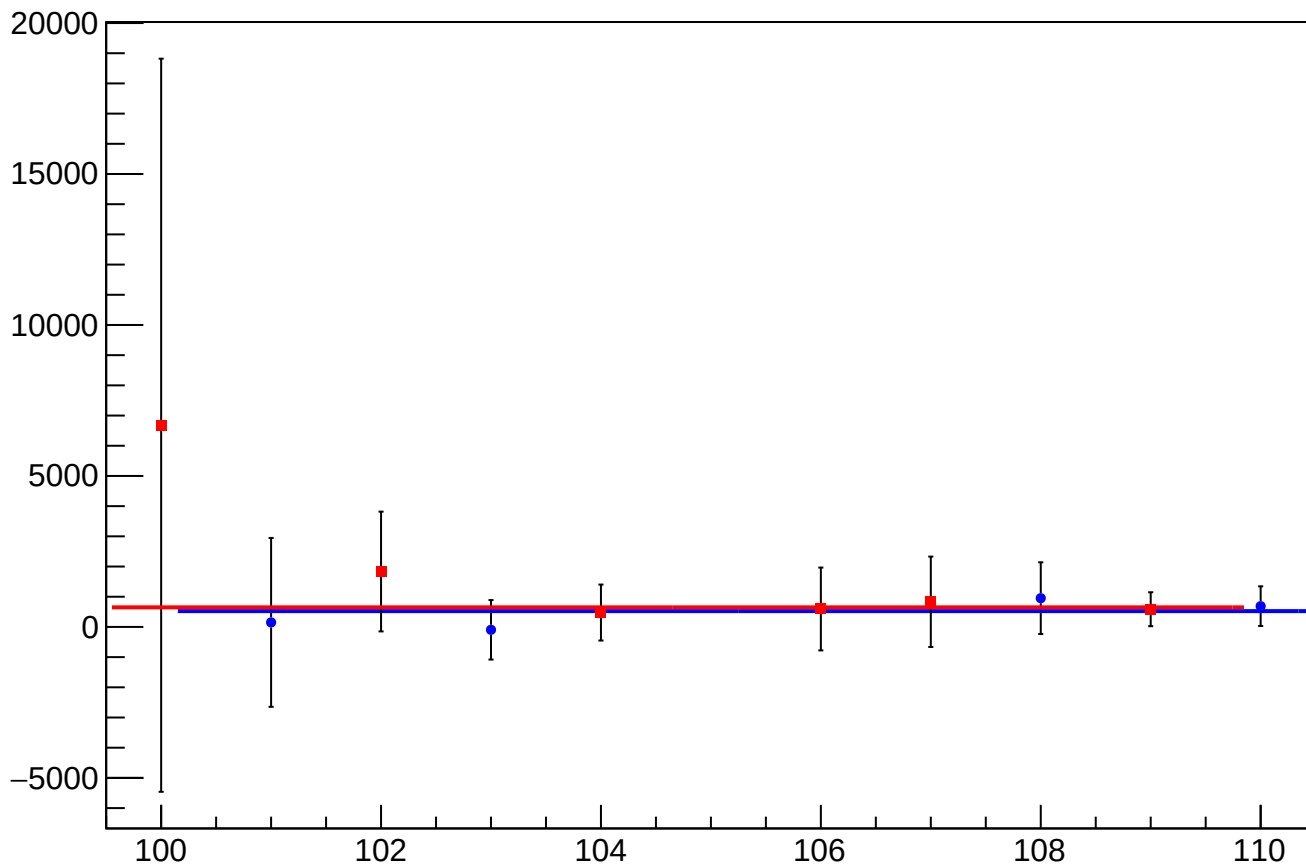
Right: 2864.883+/-1.046 χ^2/NDF : 874442.5/9

In: 2910.021+/-1.597 χ^2/NDF : 733994.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2864.883+/-1.046 χ^2/NDF : 874442.5/9

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 523.253+/-488.834 χ^2/NDF : 0.6/3

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

Right Out: 647.950+/-423.698 χ^2/NDF : 0.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

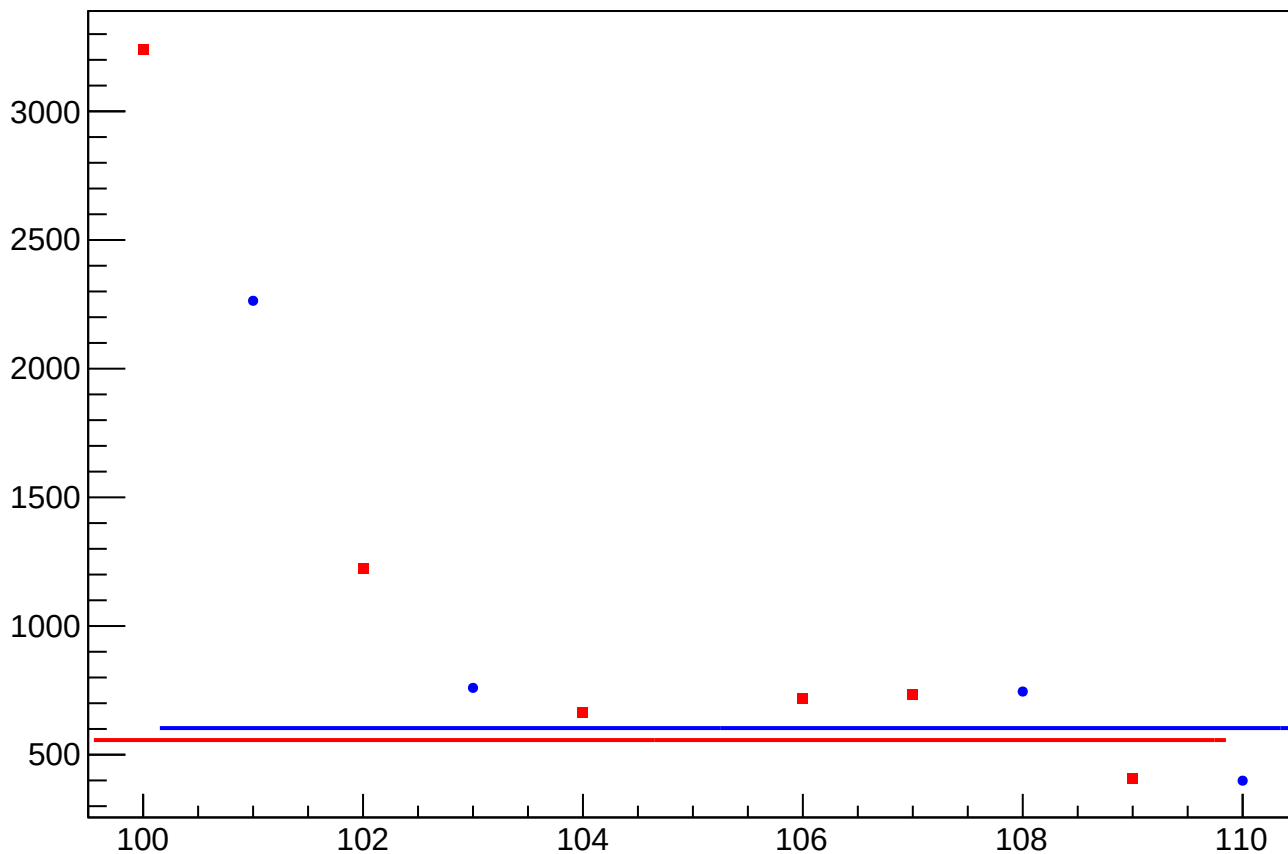
Right: 594.457+/-320.170 χ^2/NDF : 1.3/9

In: 523.253+/-488.834 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 594.457+/-320.170 χ^2/NDF : 1.3/9

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 603.464+/-0.346 χ^2/NDF : 977353.7/3

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

Right Out: 556.879+/-0.300 χ^2/NDF : 550599.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

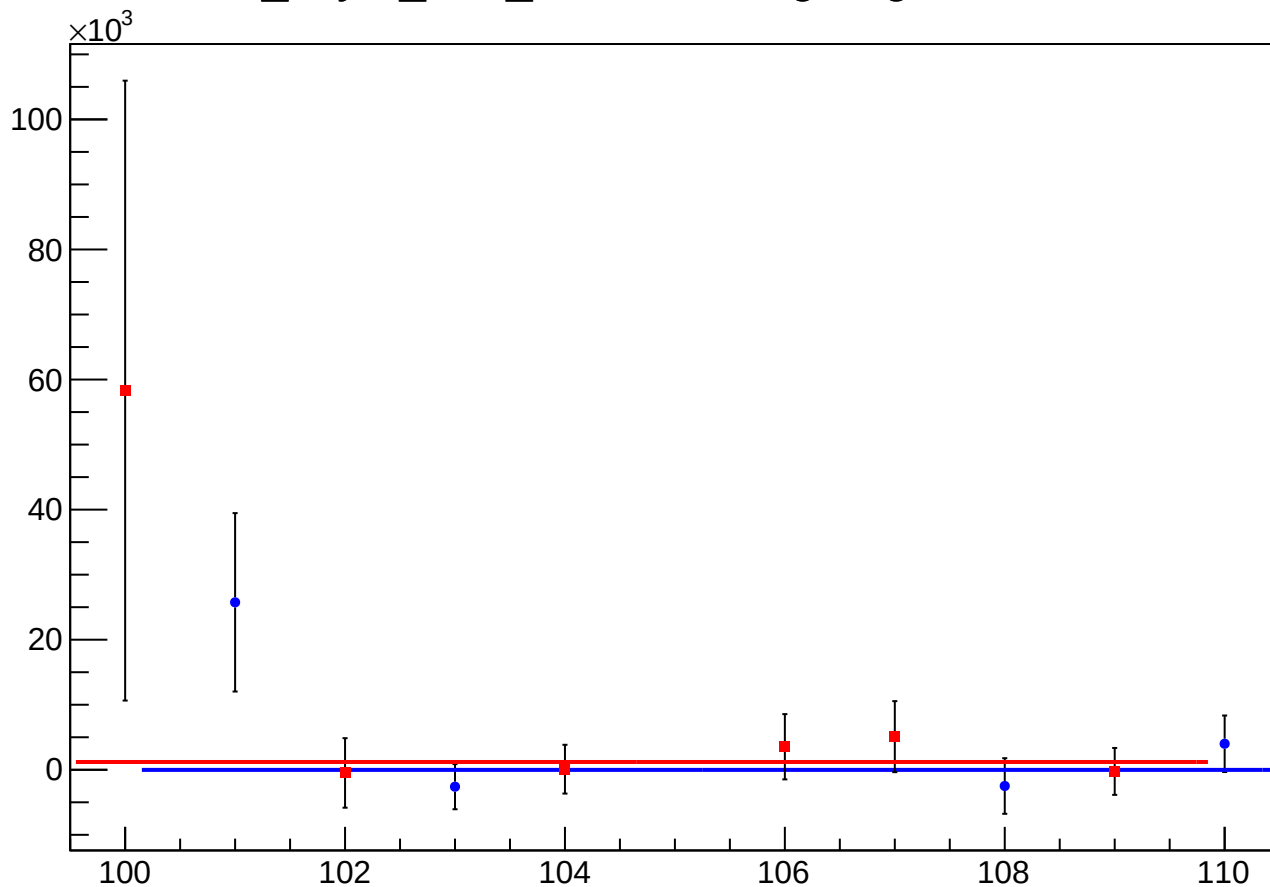
Right: 576.863+/-0.226 χ^2/NDF : 1538325.0/9

In: 603.464+/-0.346 χ^2/NDF : 977353.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.863+/-0.226 χ^2/NDF : 1538325.0/9

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: -16.408 ± 2258.323 χ^2/NDF : 5.3/3

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

Right Out: 1197.792 ± 1973.496 χ^2/NDF : 2.5/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

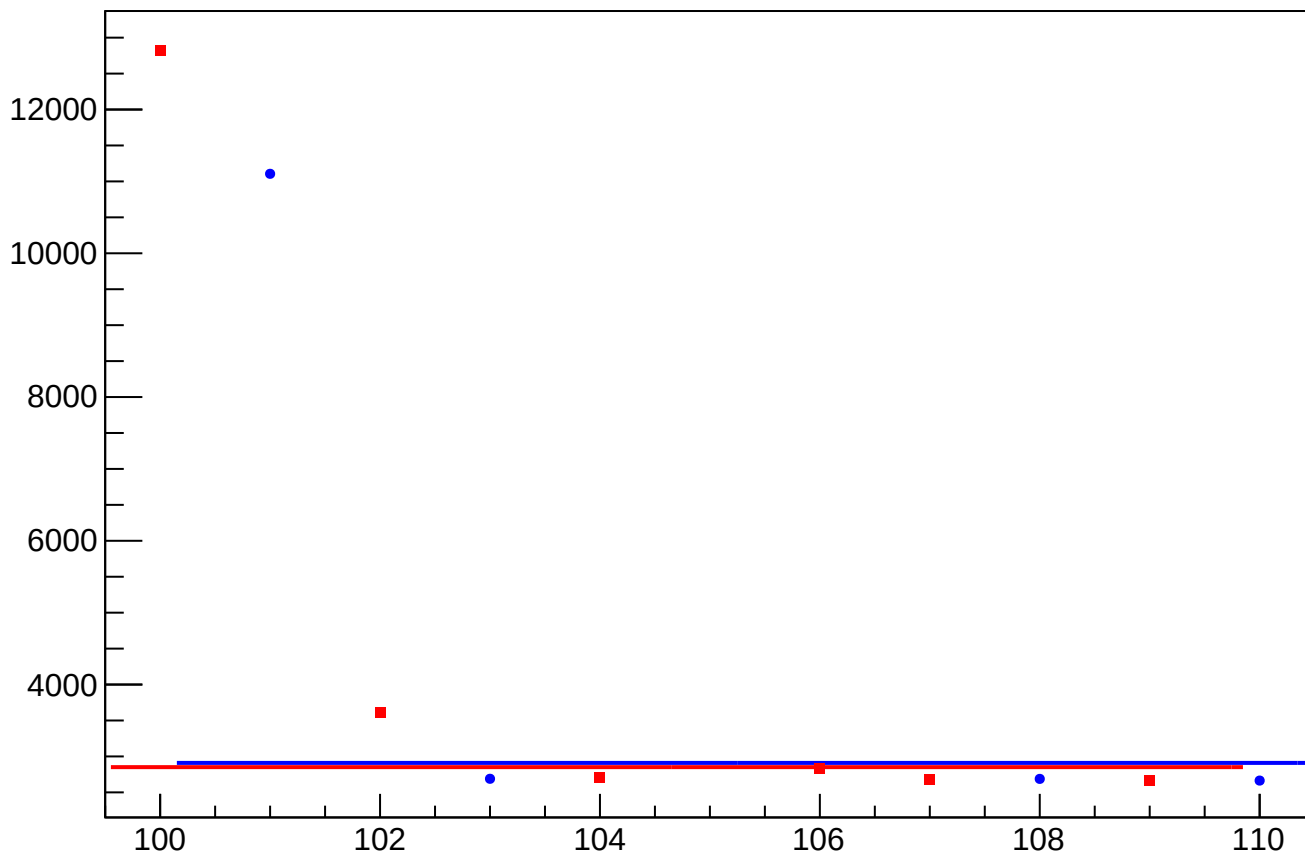
Right: 672.046 ± 1486.034 χ^2/NDF : 7.9/9

In: -16.408 ± 2258.323 χ^2/NDF : 5.3/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 672.046 ± 1486.034 χ^2/NDF : 7.9/9

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2910.021+/-1.597 χ^2/NDF : 733993.3/3

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

Right Out: 2850.978+/-1.395 χ^2/NDF : 137792.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

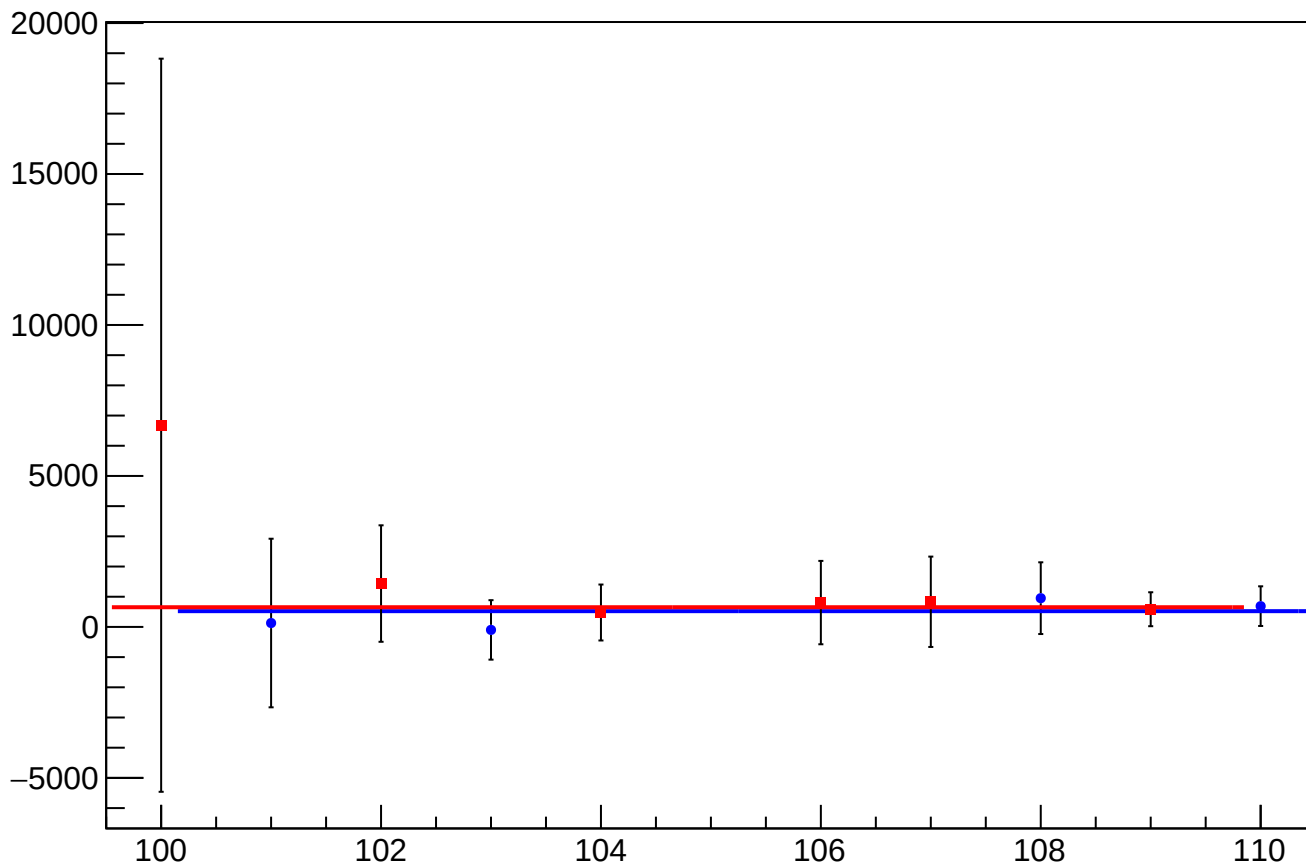
Right: 2876.543+/-1.051 χ^2/NDF : 872560.4/9

In: 2910.021+/-1.597 χ^2/NDF : 733993.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2876.543+/-1.051 χ^2/NDF : 872560.4/9

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 521.913+/-488.755 χ^2/NDF : 0.6/3

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

Right Out: 652.144+/-423.360 χ^2/NDF : 0.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

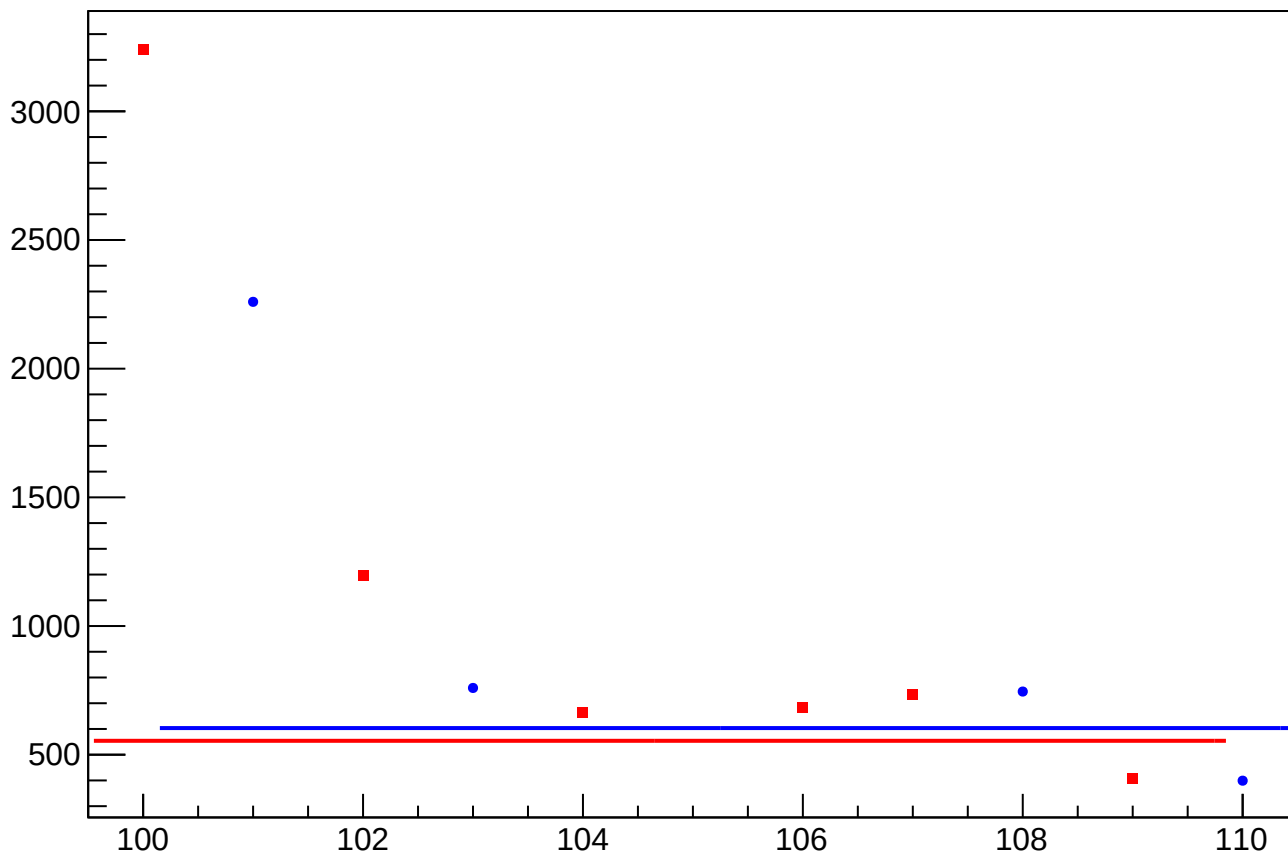
Right: 596.318+/-320.002 χ^2/NDF : 1.1/9

In: 521.913+/-488.755 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 596.318+/-320.002 χ^2/NDF : 1.1/9

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 603.480+/-0.346 χ^2/NDF : 976351.8/3

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

Right Out: 554.010+/-0.299 χ^2/NDF : 535487.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

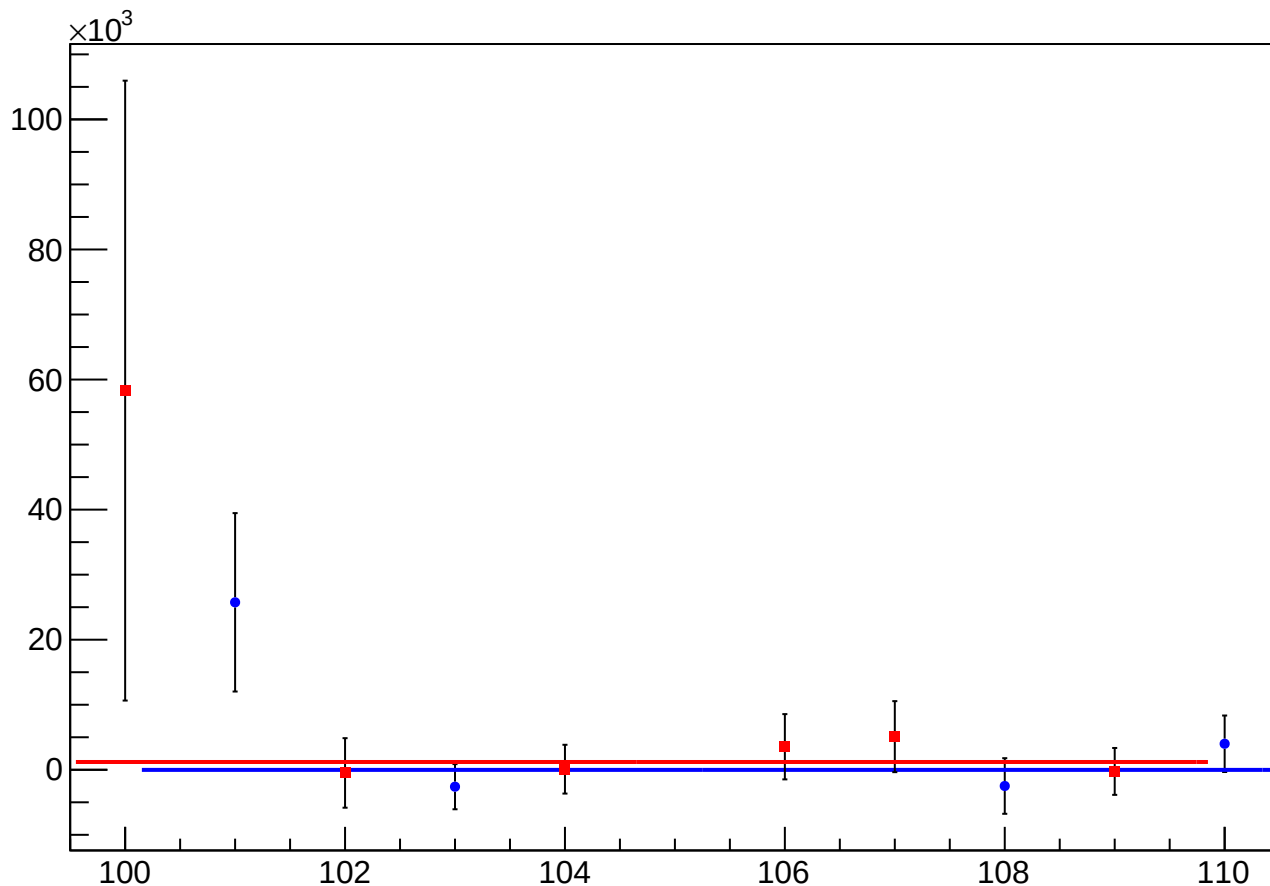
Right: 575.217+/-0.226 χ^2/NDF : 1523545.5/9

In: 603.480+/-0.346 χ^2/NDF : 976351.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.217+/-0.226 χ^2/NDF : 1523545.5/9

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: -16.408 $\pm$ 2258.323 χ^2 /NDF: 5.3/3

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

Right Out: 1197.792 $\pm$ 1973.496 χ^2 /NDF: 2.5/5

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

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

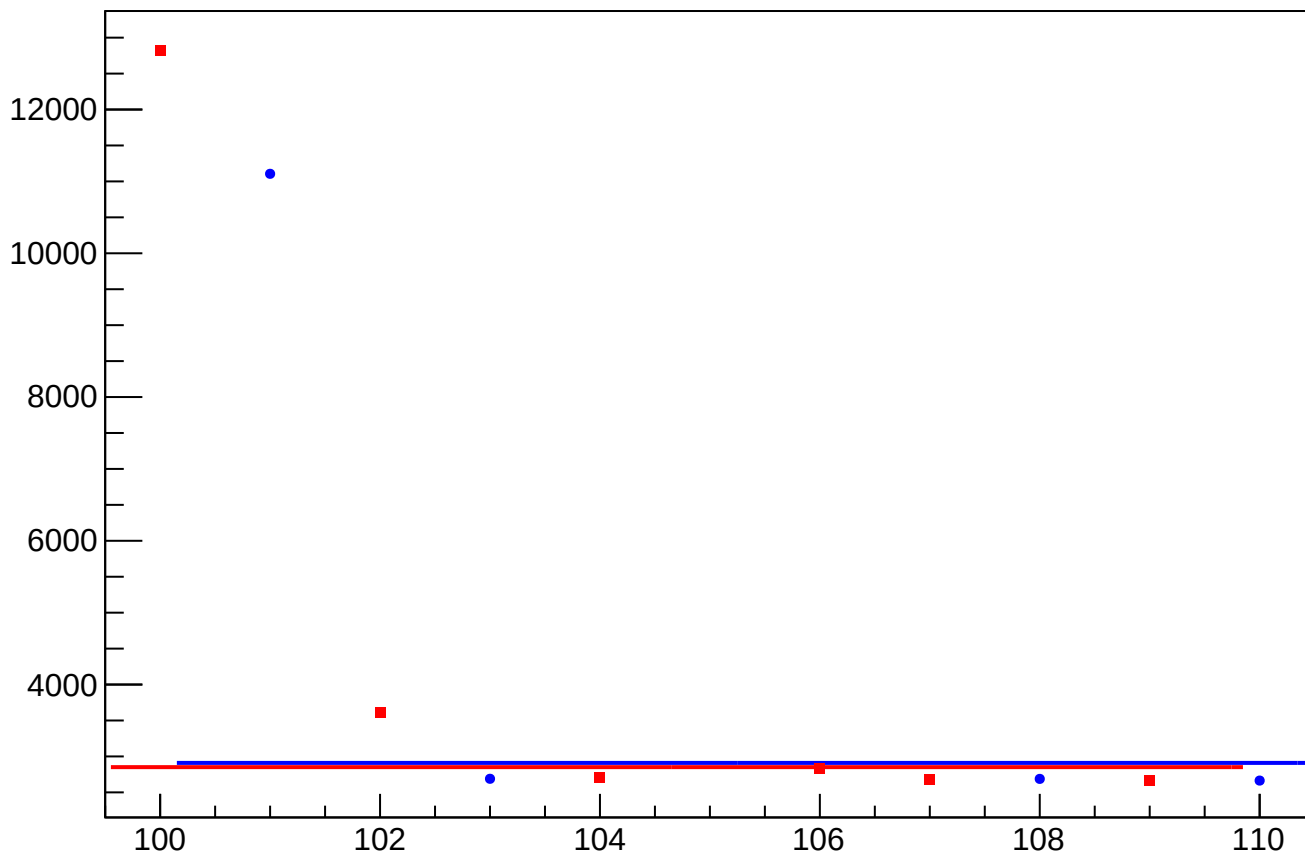
Right: 672.046 $\pm$ 1486.034 χ^2 /NDF: 7.9/9

In: -16.408 $\pm$ 2258.323 χ^2 /NDF:5.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 672.046 $\pm$ 1486.034 χ^2 /NDF: 7.9/9

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2910.021+/-1.597 χ^2/NDF : 733993.3/3

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

Right Out: 2850.978+/-1.395 χ^2/NDF : 137792.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

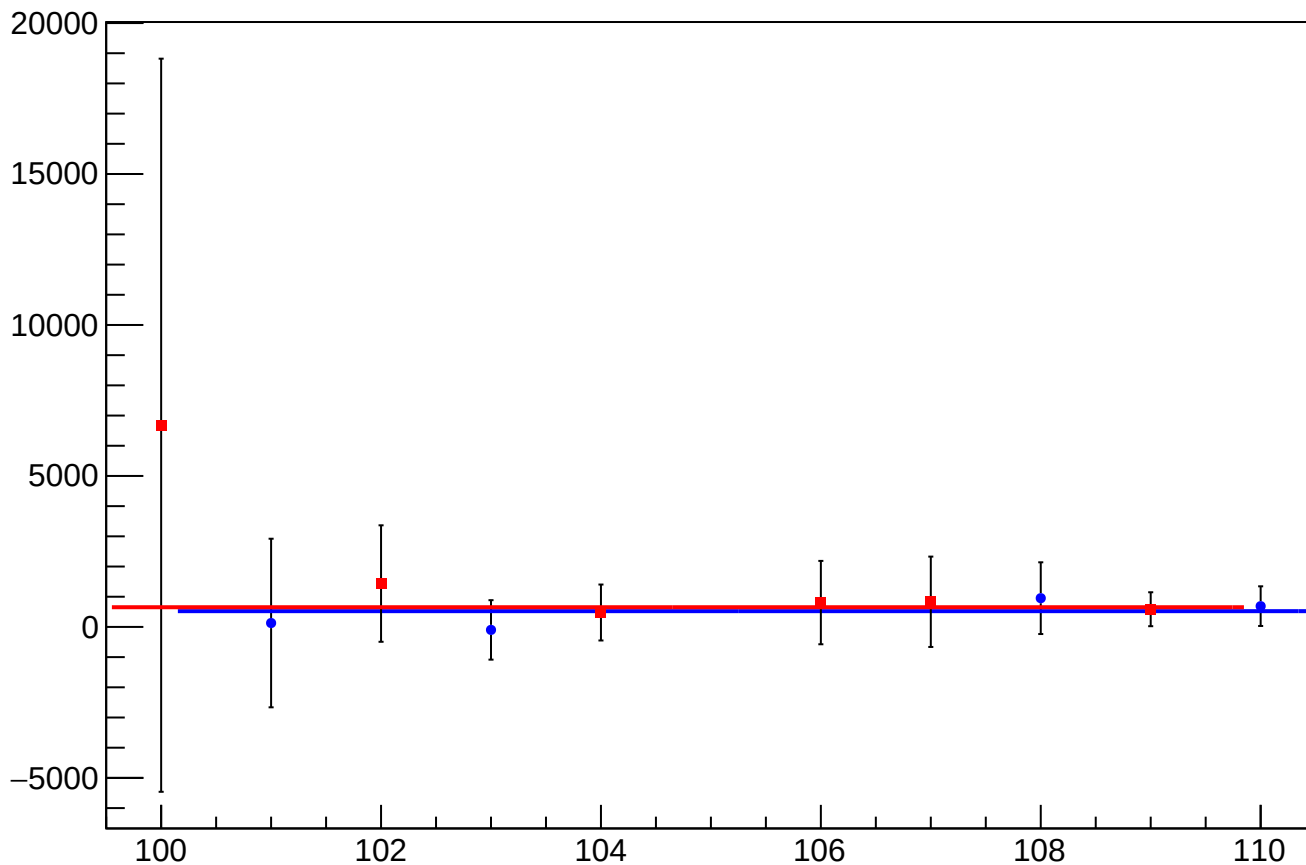
Right: 2876.543+/-1.051 χ^2/NDF : 872560.4/9

In: 2910.021+/-1.597 χ^2/NDF : 733993.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2876.543+/-1.051 χ^2/NDF : 872560.4/9

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 521.913+/-488.755 χ^2/NDF : 0.6/3

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

Right Out: 652.144+/-423.360 χ^2/NDF : 0.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

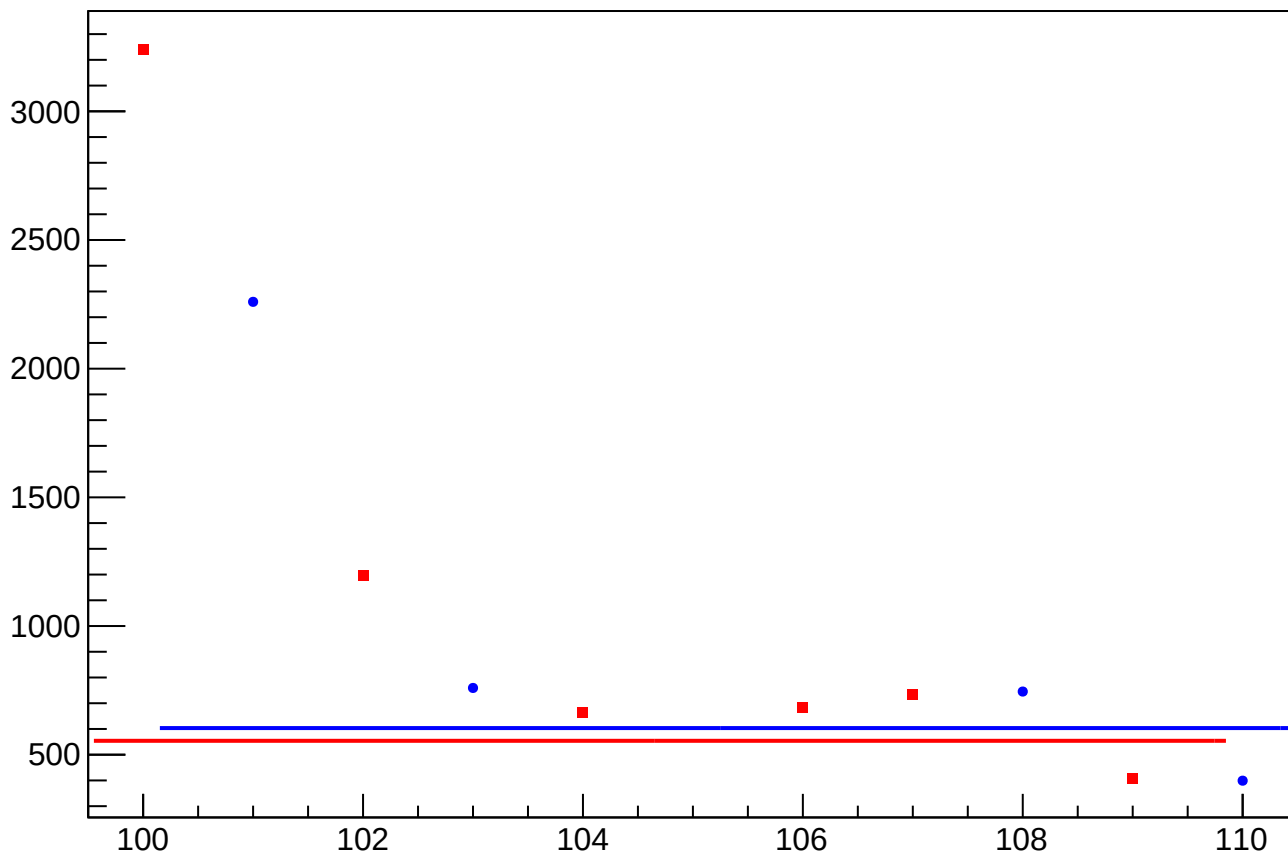
Right: 596.318+/-320.002 χ^2/NDF : 1.1/9

In: 521.913+/-488.755 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 596.318+/-320.002 χ^2/NDF : 1.1/9

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 603.480+/-0.346 χ^2/NDF : 976351.8/3

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

Right Out: 554.010+/-0.299 χ^2/NDF : 535487.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

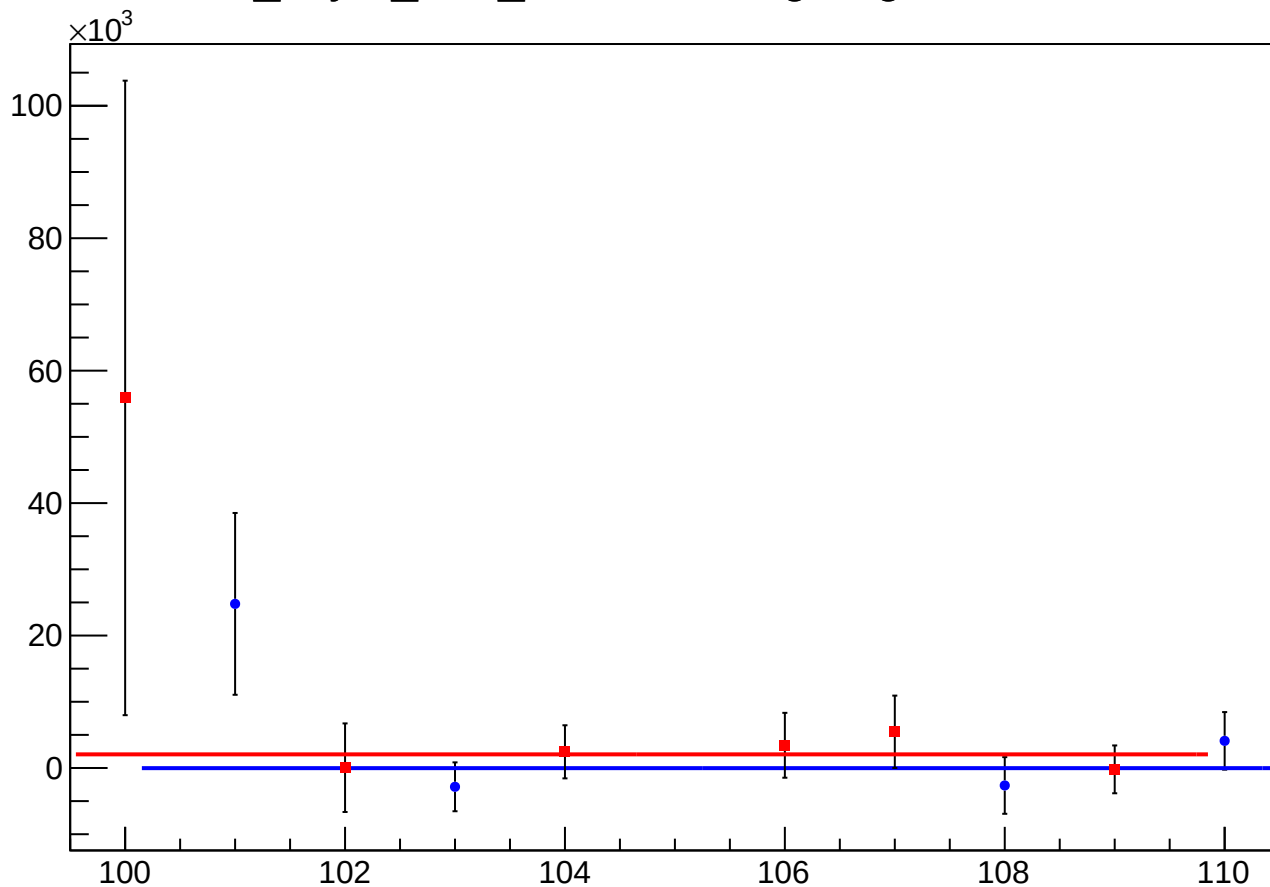
Right: 575.217+/-0.226 χ^2/NDF : 1523545.5/9

In: 603.480+/-0.346 χ^2/NDF : 976351.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.217+/-0.226 χ^2/NDF : 1523545.5/9

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: -22.415+/-2316.638 χ^2 /NDF: 5.1/3

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

Right Out: 2058.927+/-2054.631 χ^2 /NDF: 2.2/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

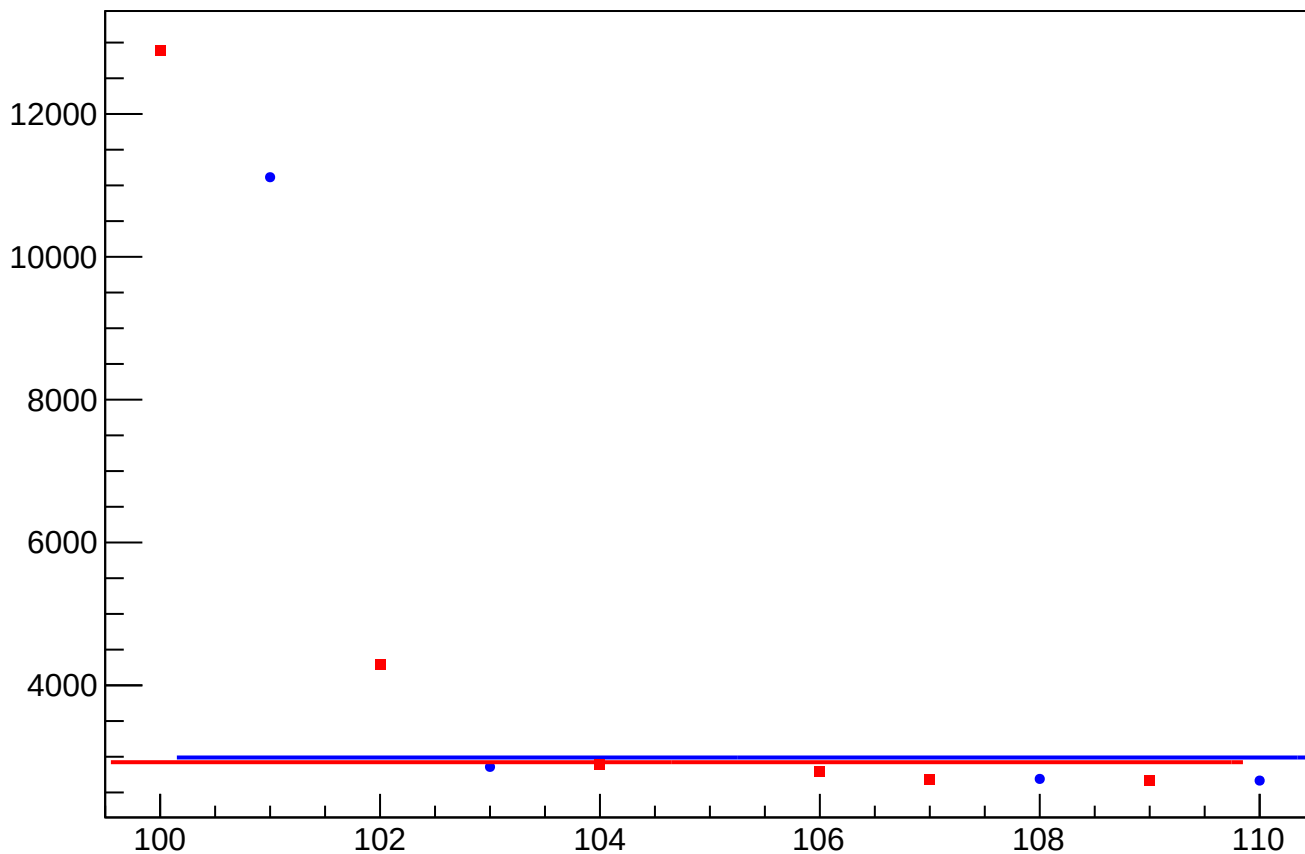
Right: 1142.562+/-1537.166 χ^2 /NDF: 7.8/9

In: -22.415+/-2316.638 χ^2 /NDF:5.1/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1142.562+/-1537.166 χ^2 /NDF: 7.8/9

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2989.535+/-1.638 χ^2/NDF : 724077.8/3

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

Right Out: 2923.693+/-1.453 χ^2/NDF : 186062.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

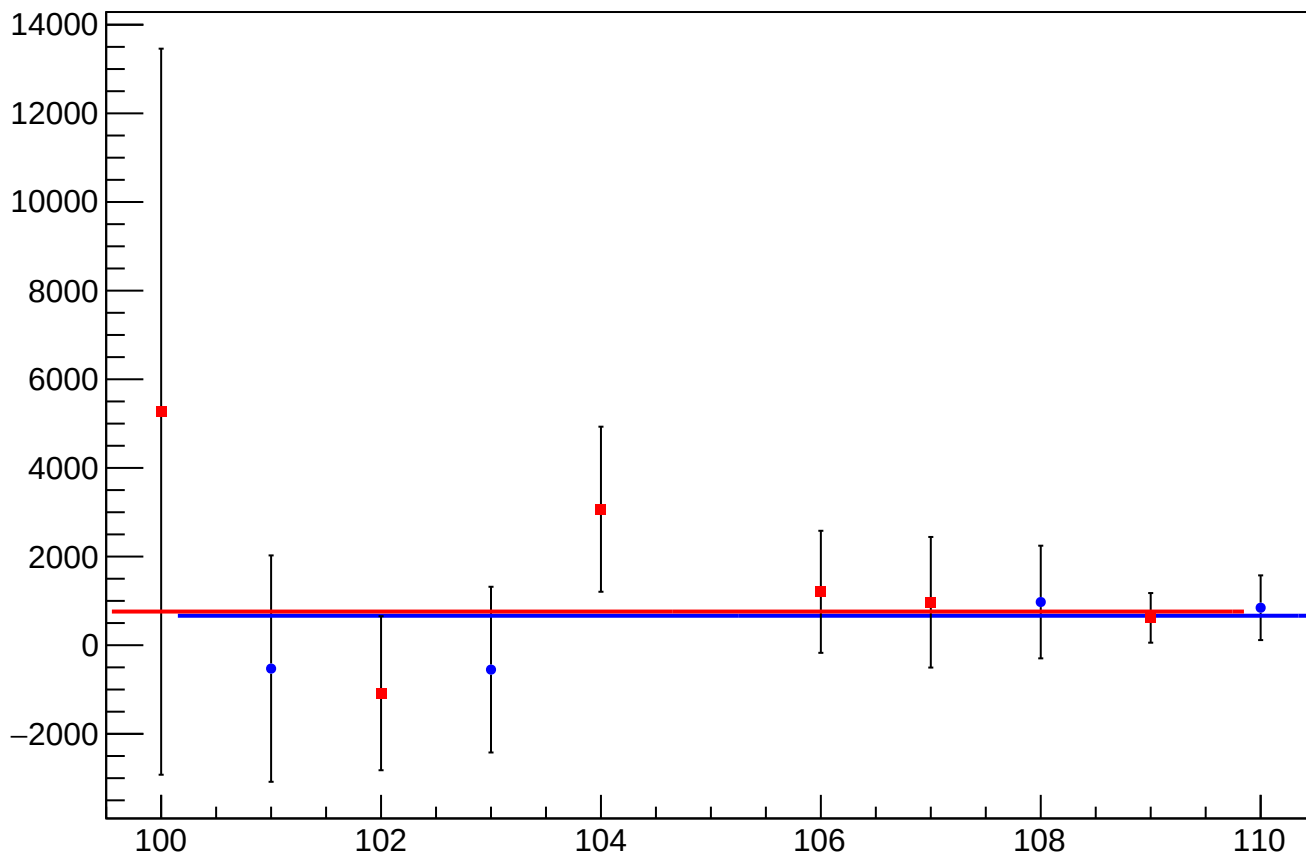
Right: 2952.681+/-1.087 χ^2/NDF : 911044.6/9

In: 2989.535+/-1.638 χ^2/NDF : 724077.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2952.681+/-1.087 χ^2/NDF : 911044.6/9

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 664.835+/-583.710 χ^2/NDF : 0.8/3

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

Right Out: 759.282+/-455.903 χ^2/NDF : 3.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

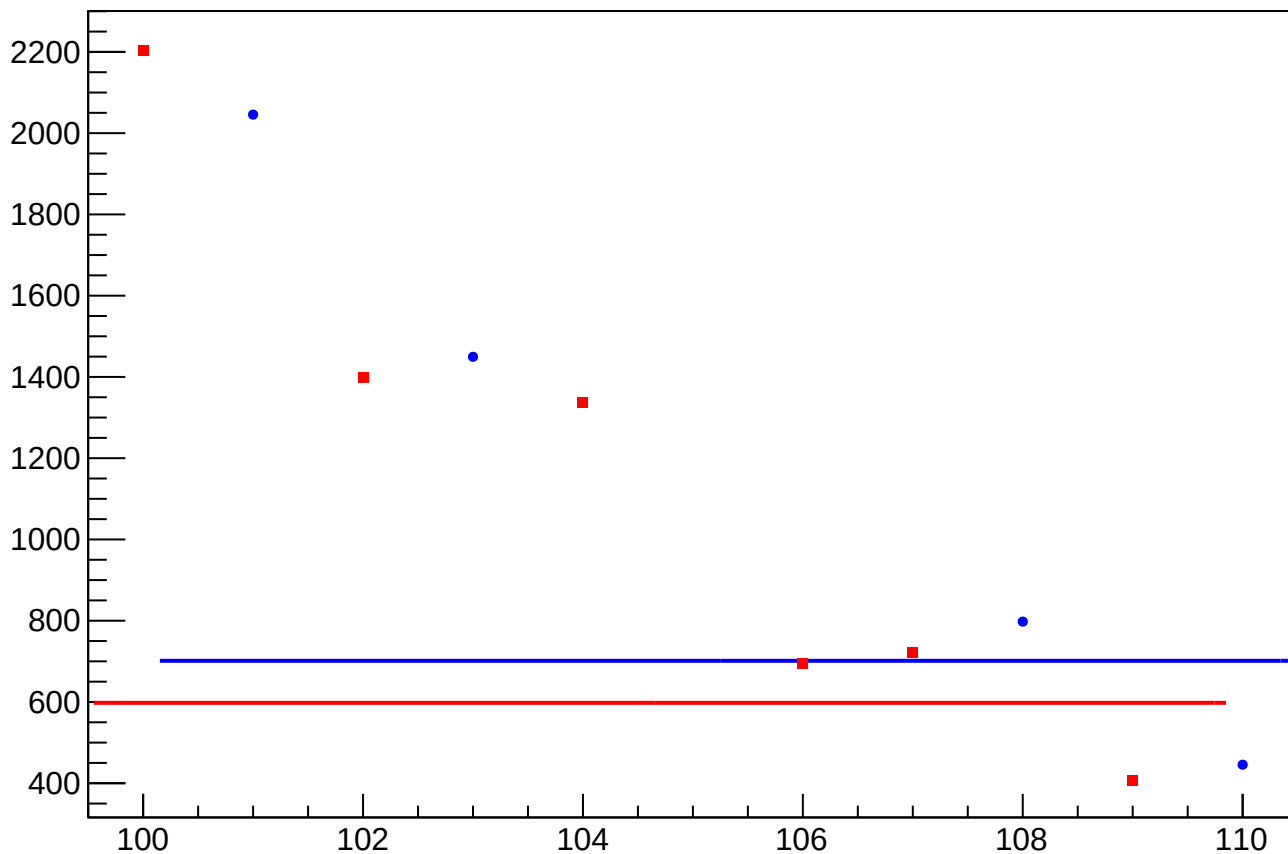
Right: 723.497+/-359.298 χ^2/NDF : 3.9/9

In: 664.835+/-583.710 χ^2/NDF : 0.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 723.497+/-359.298 χ^2/NDF : 3.9/9

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 701.319+/-0.413 χ^2/NDF : 1131444.9/3

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

Right Out: 597.925+/-0.322 χ^2/NDF : 1073313.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

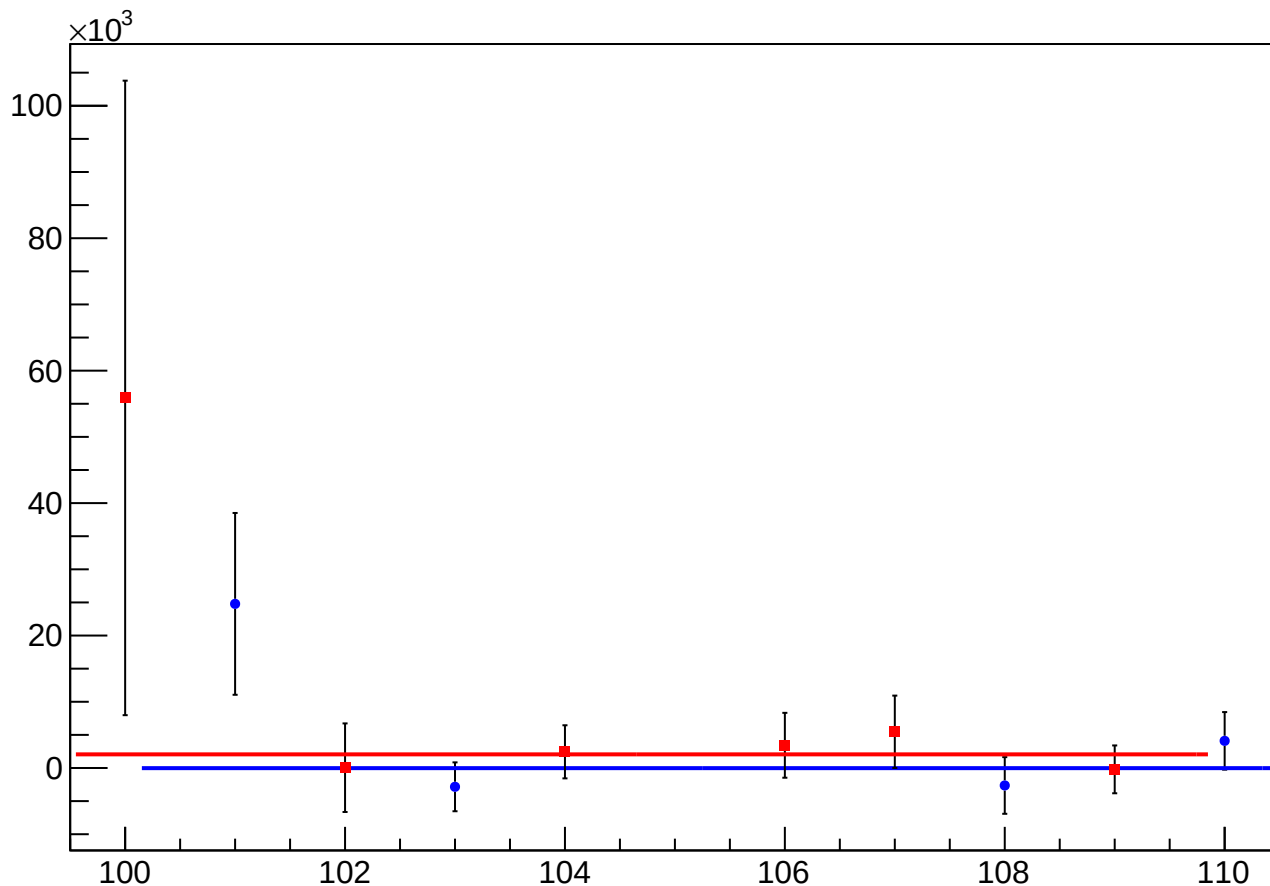
Right: 637.100+/-0.254 χ^2/NDF : 2243734.0/9

In: 701.319+/-0.413 χ^2/NDF : 1131444.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.100+/-0.254 χ^2/NDF : 2243734.0/9

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: -22.414 $\pm$ 2316.637 χ^2 /NDF: 5.1/3

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

Right Out: 2058.920 $\pm$ 2054.631 χ^2 /NDF: 2.2/5

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

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

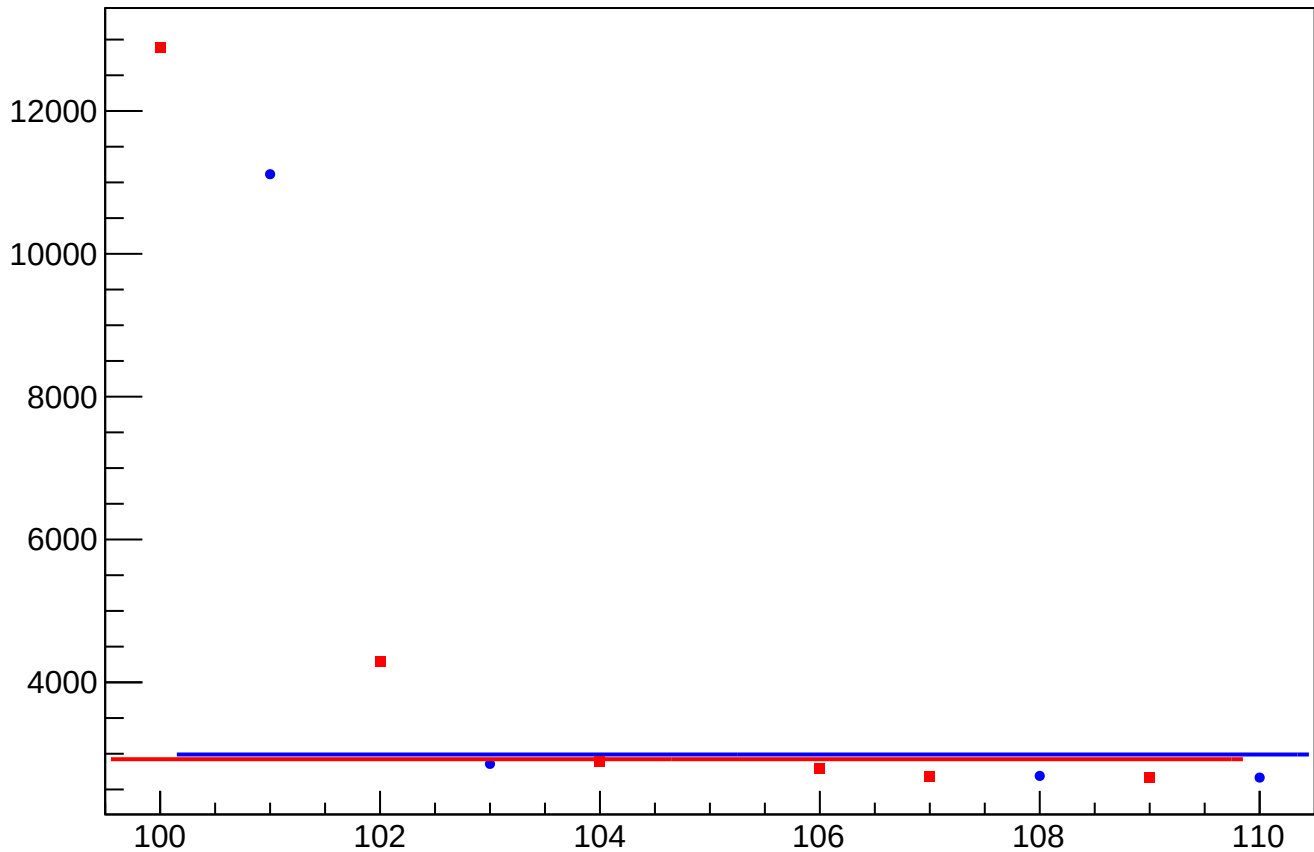
Right: 1142.558 $\pm$ 1537.166 χ^2 /NDF: 7.8/9

In: -22.414 $\pm$ 2316.637 χ^2 /NDF: 5.1/3

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

All: 1142.558 $\pm$ 1537.166 χ^2 /NDF: 7.8/9

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2989.535+/-1.638 χ^2/NDF : 724077.9/3

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

Right Out: 2923.692+/-1.453 χ^2/NDF : 186062.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

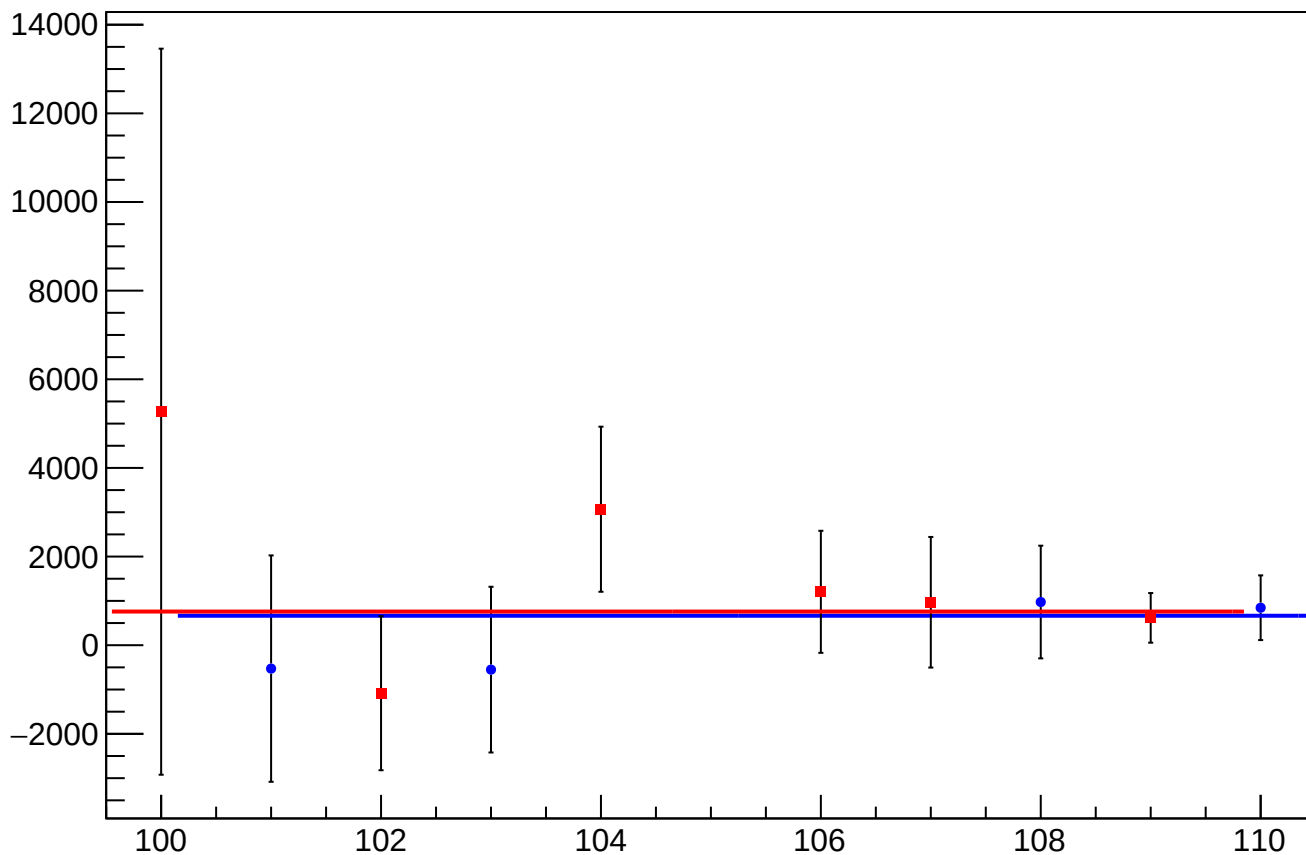
Right: 2952.681+/-1.087 χ^2/NDF : 911044.5/9

In: 2989.535+/-1.638 χ^2/NDF : 724077.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2952.681+/-1.087 χ^2/NDF : 911044.5/9

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 664.839+/-583.711 χ^2/NDF : 0.8/3

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

Right Out: 759.279+/-455.902 χ^2/NDF : 3.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

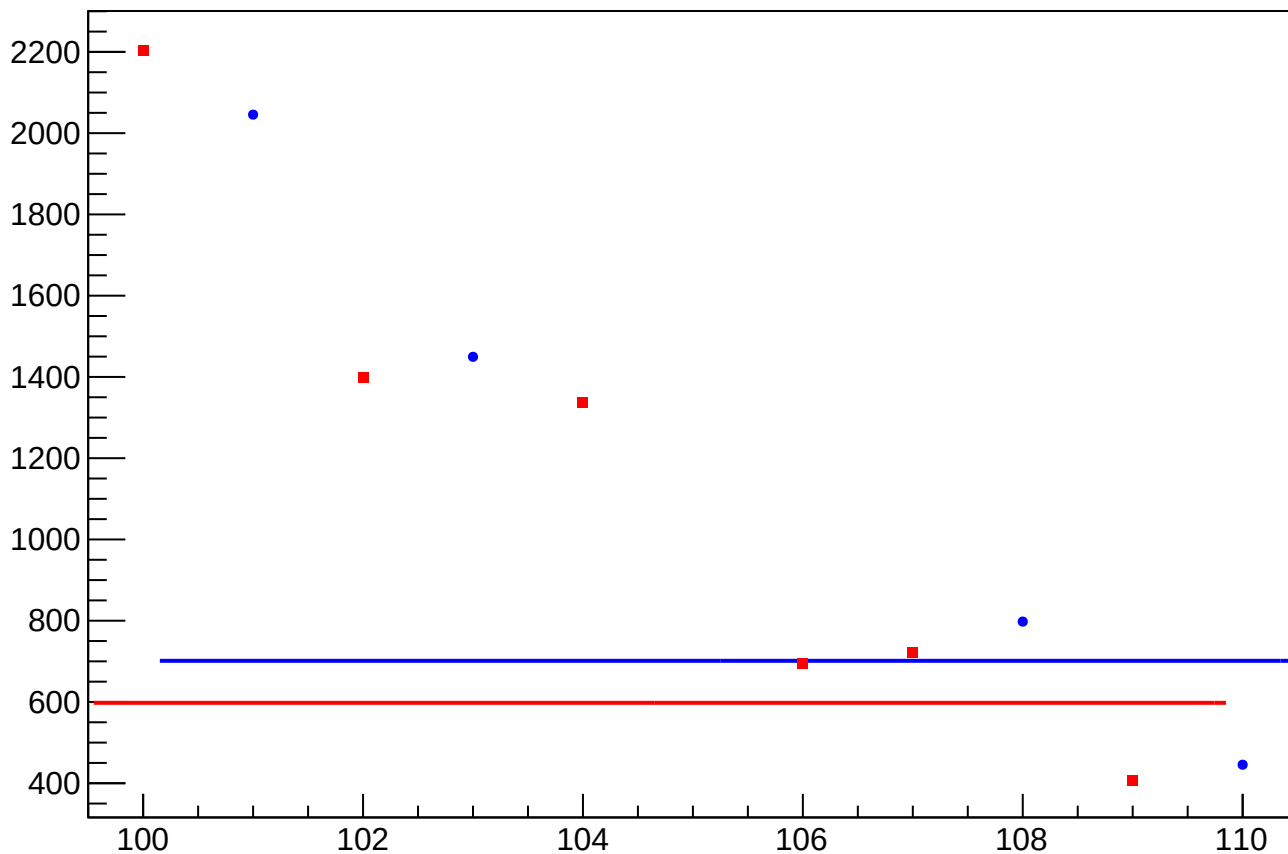
Right: 723.496+/-359.298 χ^2/NDF : 3.9/9

In: 664.839+/-583.711 χ^2/NDF : 0.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 723.496+/-359.298 χ^2/NDF : 3.9/9

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 701.321+/-0.413 χ^2/NDF : 1131436.7/3

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

Right Out: 597.925+/-0.322 χ^2/NDF : 1073311.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

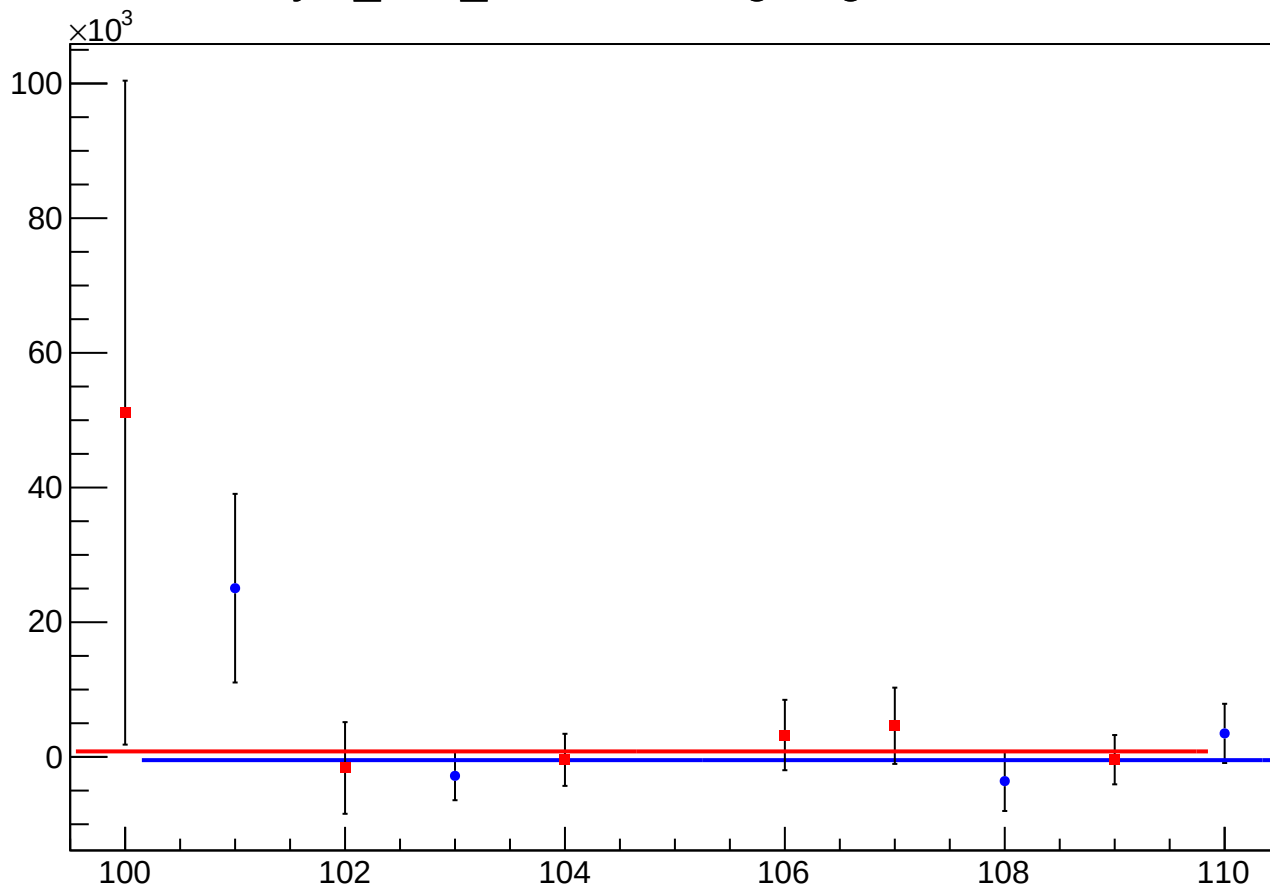
Right: 637.101+/-0.254 χ^2/NDF : 2243725.7/9

In: 701.321+/-0.413 χ^2/NDF : 1131436.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.101+/-0.254 χ^2/NDF : 2243725.7/9

asym_atr1_mean vs Slug, Sign Corrected



Right In: -479.955 $\pm$ 2331.649 χ^2 /NDF: 5.0/3

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

Right Out: 817.057 $\pm$ 2079.391 χ^2 /NDF: 2.1/5

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

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

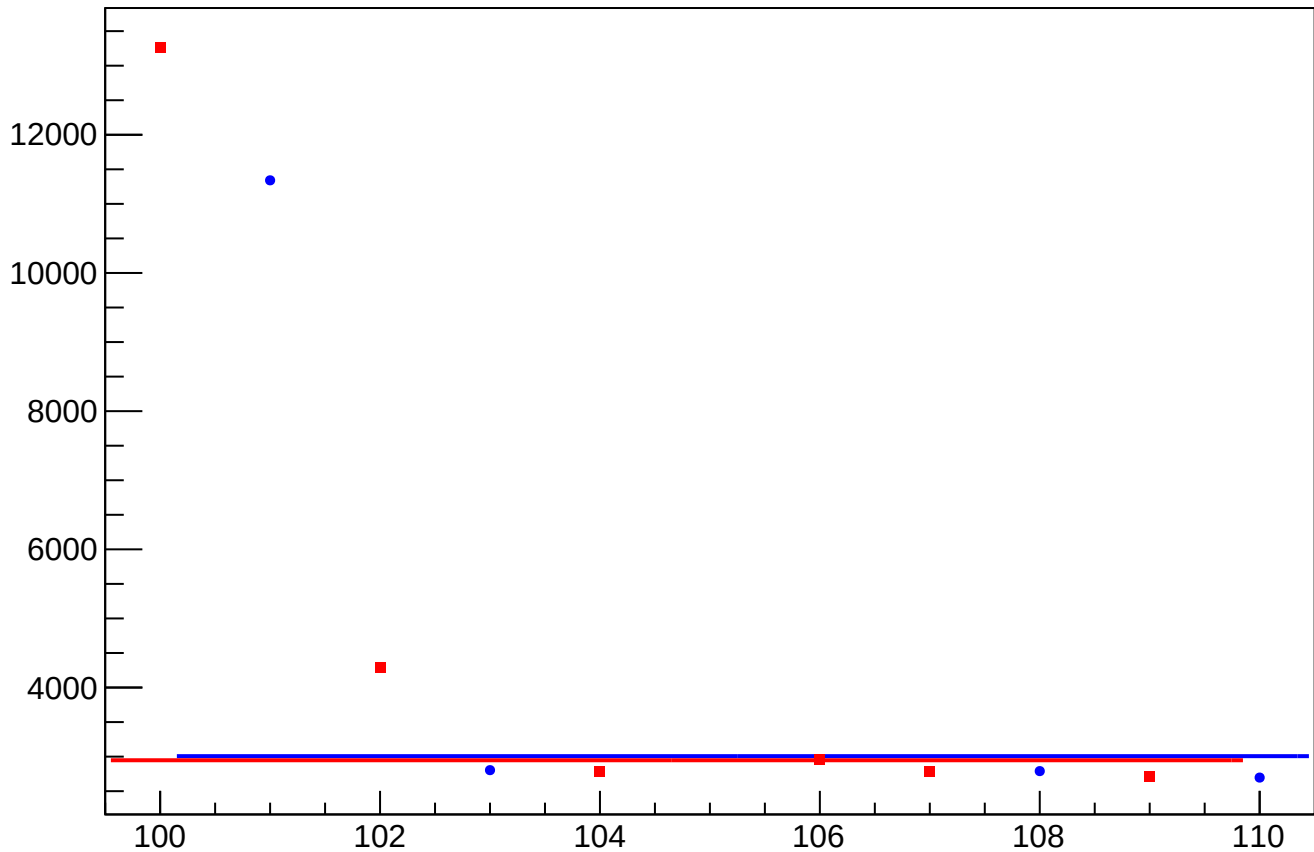
Right: 242.483 $\pm$ 1551.902 χ^2 /NDF: 7.3/9

In: -479.955 $\pm$ 2331.649 χ^2 /NDF: 5.0/3

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

All: 242.483 $\pm$ 1551.902 χ^2 /NDF: 7.3/9

asym_atr1_rms vs Slug, Sign Corrected



Right In: 3006.883+/-1.649 χ^2/NDF : 729136.7/3

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

Right Out: 2947.513+/-1.470 χ^2/NDF : 179571.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

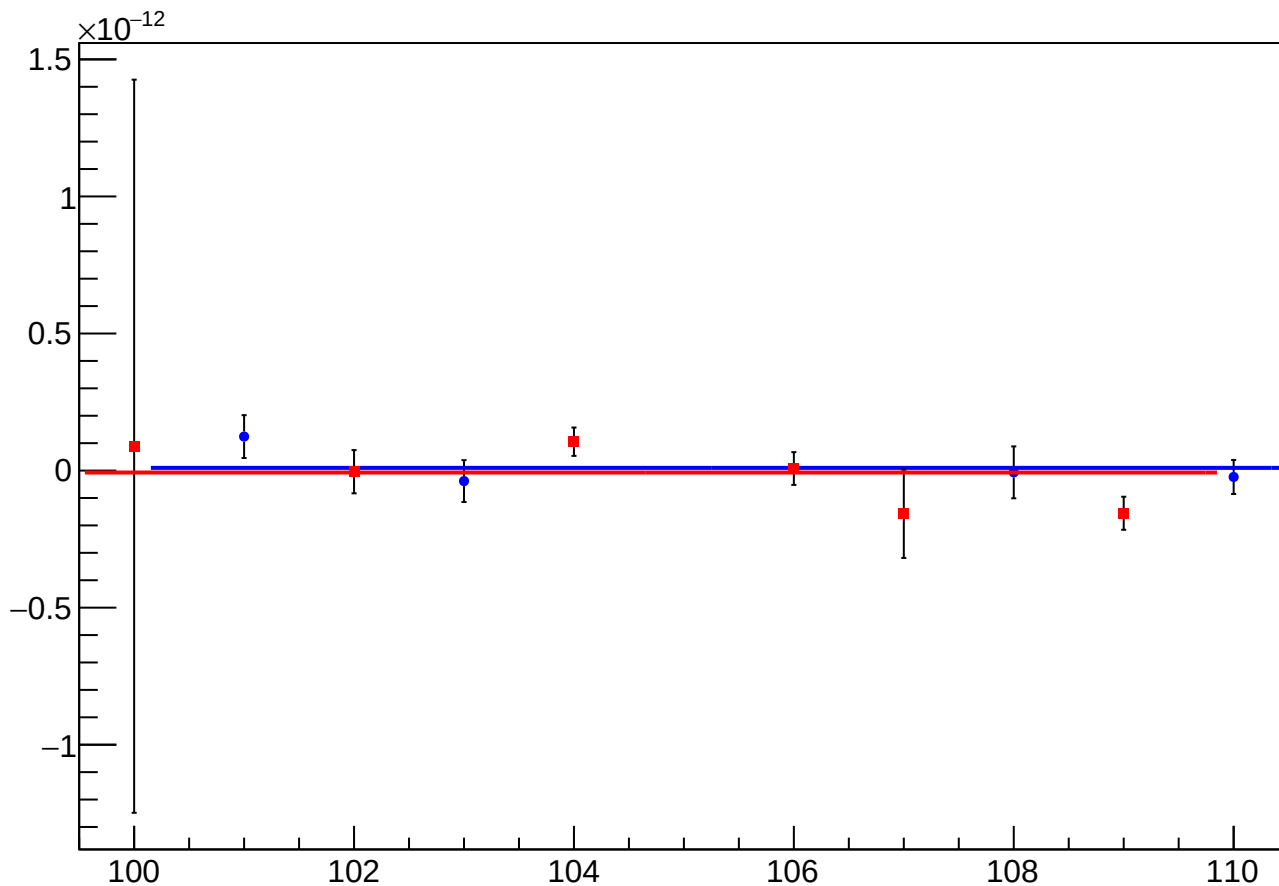
Right: 2973.814+/-1.097 χ^2/NDF : 909430.7/9

In: 3006.883+/-1.649 χ^2/NDF : 729136.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2973.814+/-1.097 χ^2/NDF : 909430.7/9

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.8/3

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

Right Out: -0.000+/-0.000 χ^2/NDF : 11.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

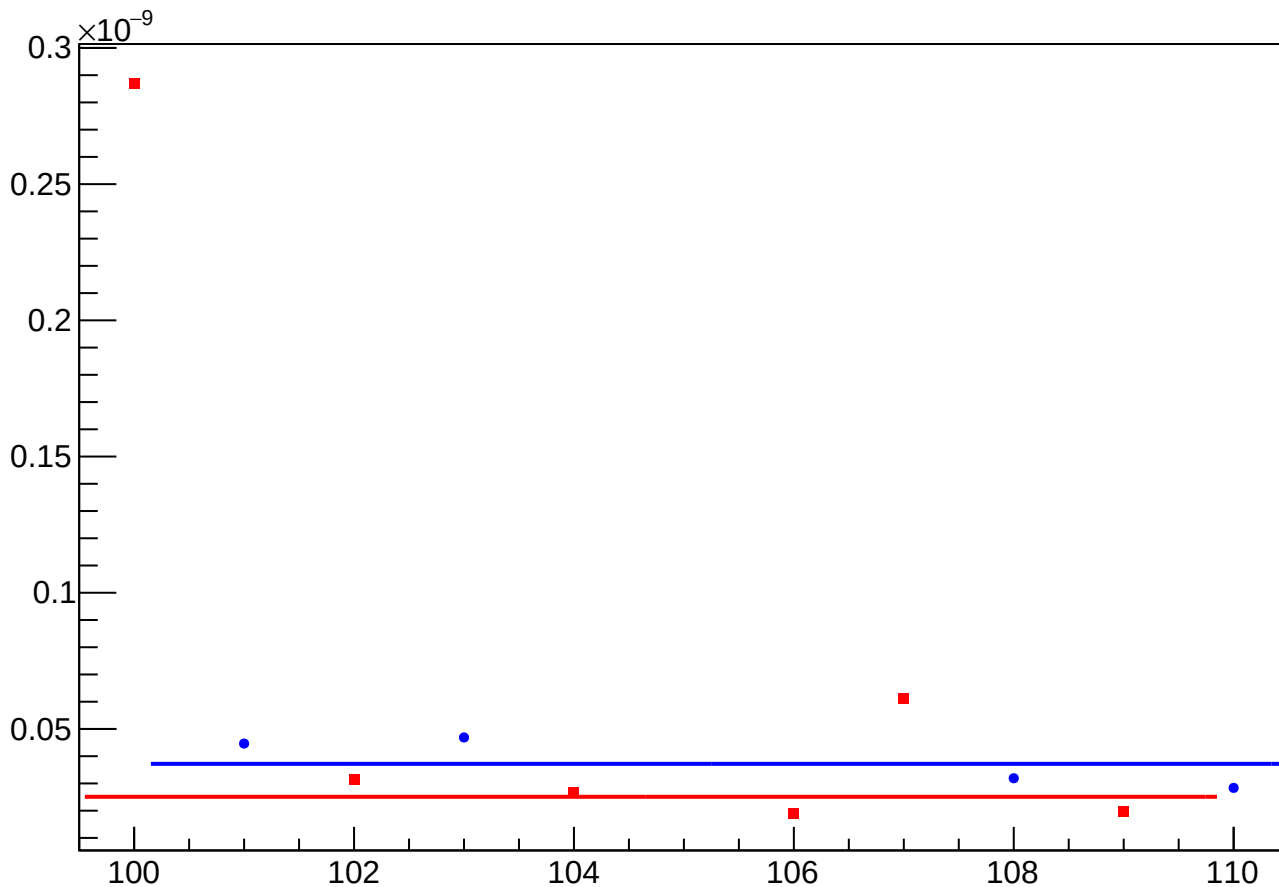
Right: -0.000+/-0.000 χ^2/NDF : 14.7/9

In: 0.000+/-0.000 χ^2/NDF : 2.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.7/9

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 96903.3/3$

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

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 228634.1/5$

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

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

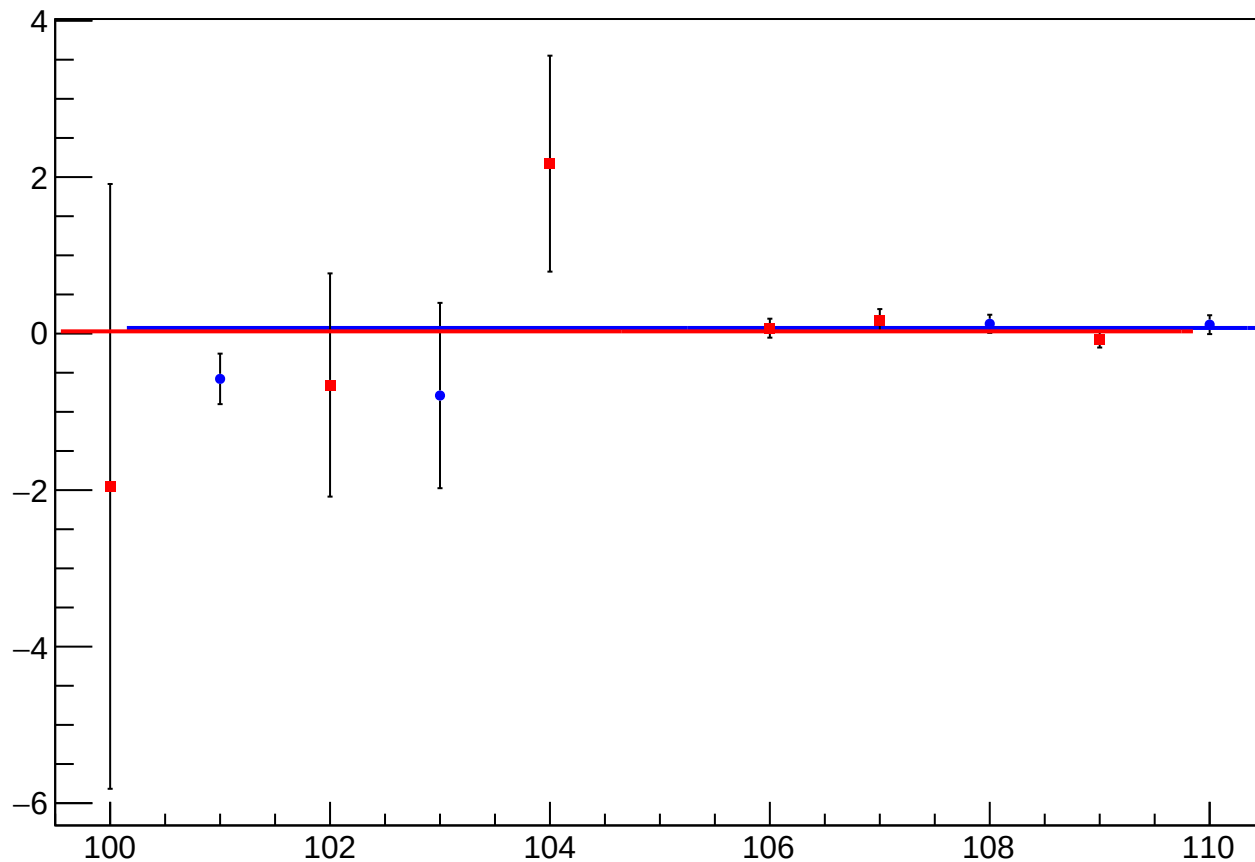
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 452763.0/9$

In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 96903.3/3$

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

All: 0.000 ± 0.000 $\chi^2/\text{NDF}: 452763.0/9$

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.072+/-0.081 χ^2/NDF : 4.9/3

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

Right Out: 0.029+/-0.068 χ^2/NDF : 5.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

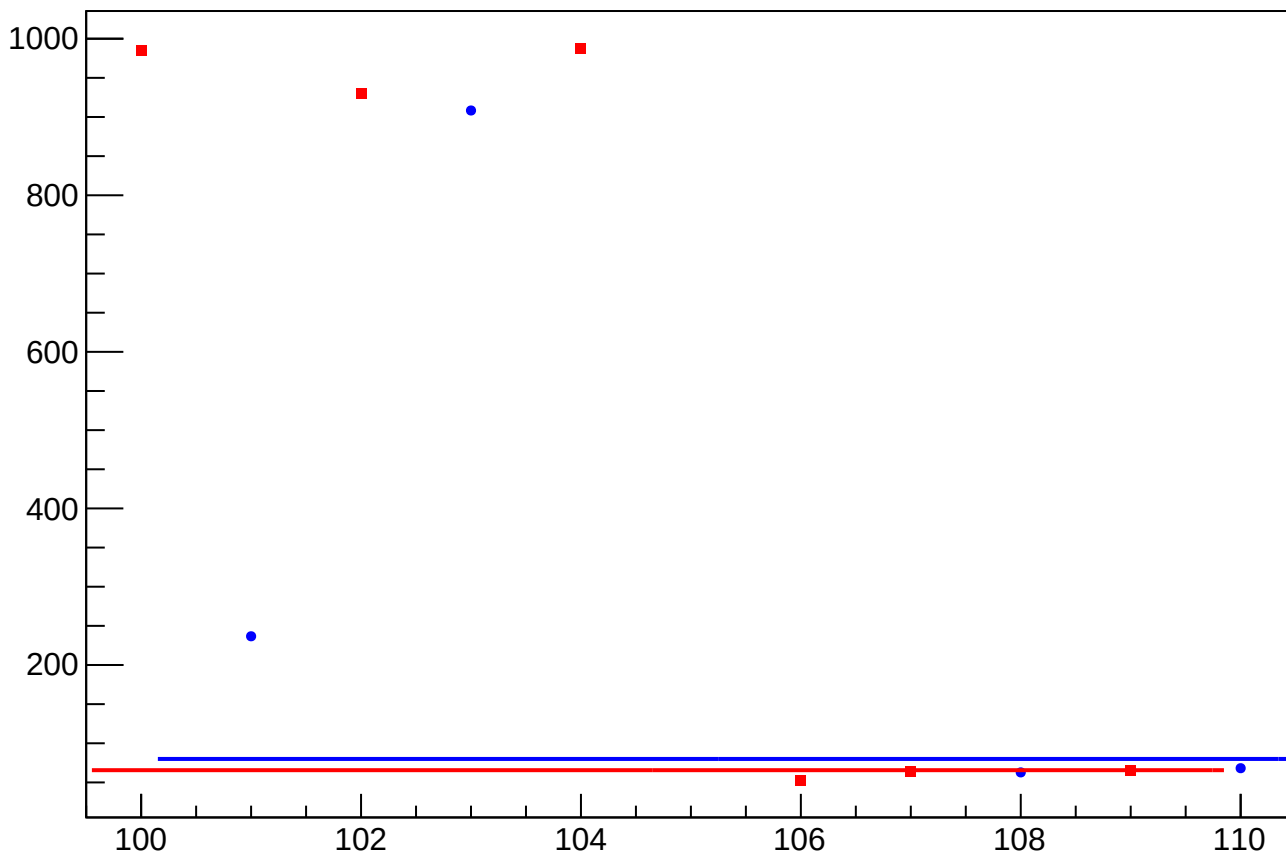
Right: 0.047+/-0.052 χ^2/NDF : 10.3/9

In: 0.072+/-0.081 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.052 χ^2/NDF : 10.3/9

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 79.996+/-0.057 χ^2/NDF : 1513897.3/3

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

Right Out: 65.638+/-0.048 χ^2/NDF : 1764484.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

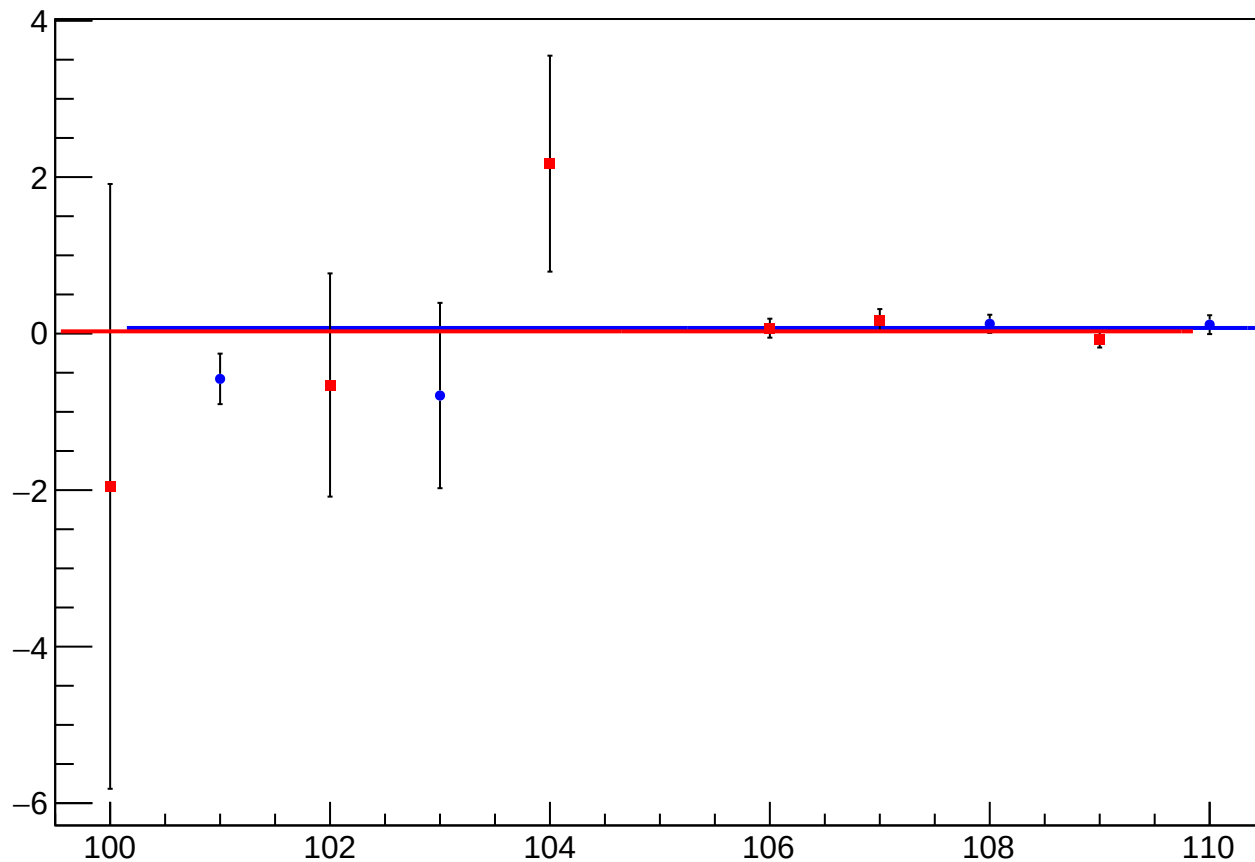
Right: 71.557+/-0.037 χ^2/NDF : 3315657.2/9

In: 79.996+/-0.057 χ^2/NDF : 1513897.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.557+/-0.037 χ^2/NDF : 3315657.2/9

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.072+/-0.081 χ^2/NDF : 4.9/3

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

Right Out: 0.029+/-0.068 χ^2/NDF : 5.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

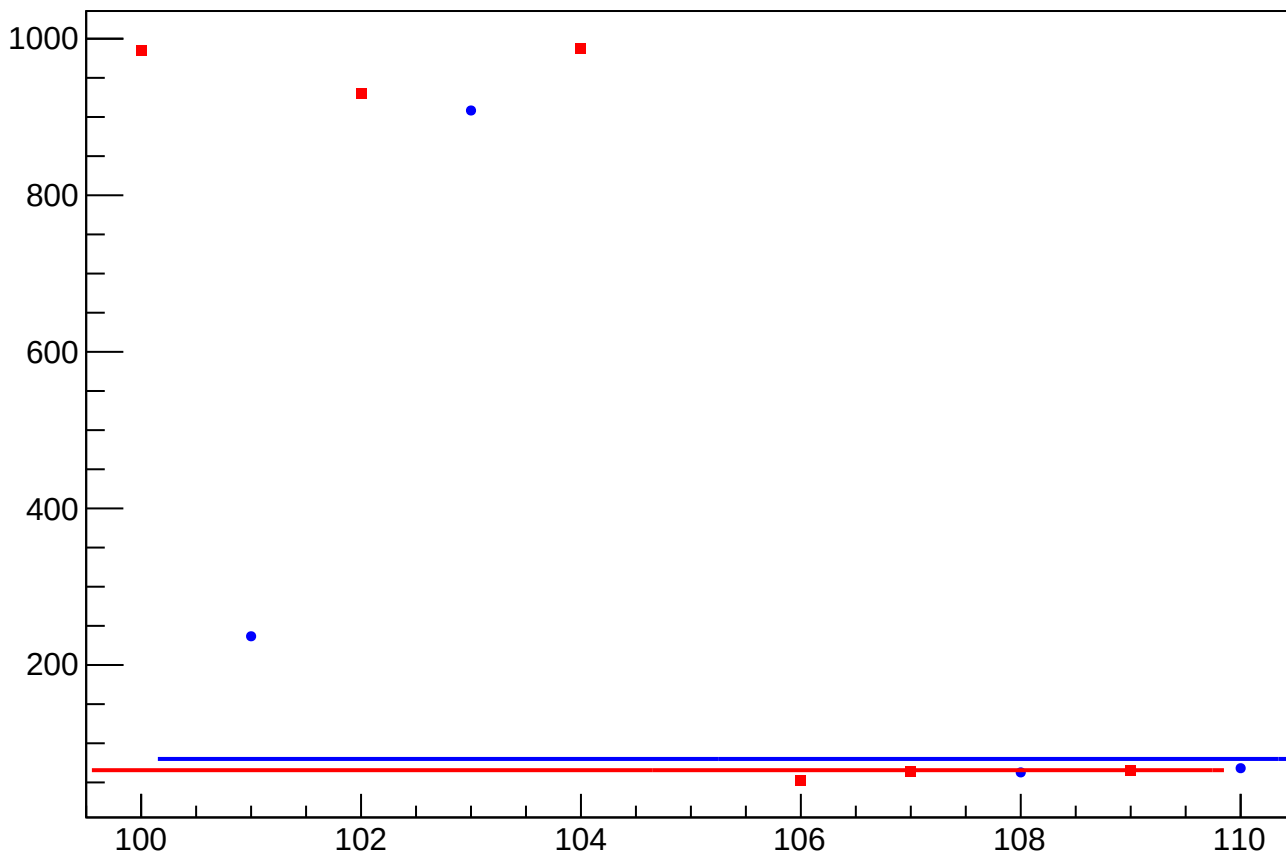
Right: 0.047+/-0.052 χ^2/NDF : 10.3/9

In: 0.072+/-0.081 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.052 χ^2/NDF : 10.3/9

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 79.996+/-0.057 χ^2/NDF : 1513897.3/3

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

Right Out: 65.638+/-0.048 χ^2/NDF : 1764484.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

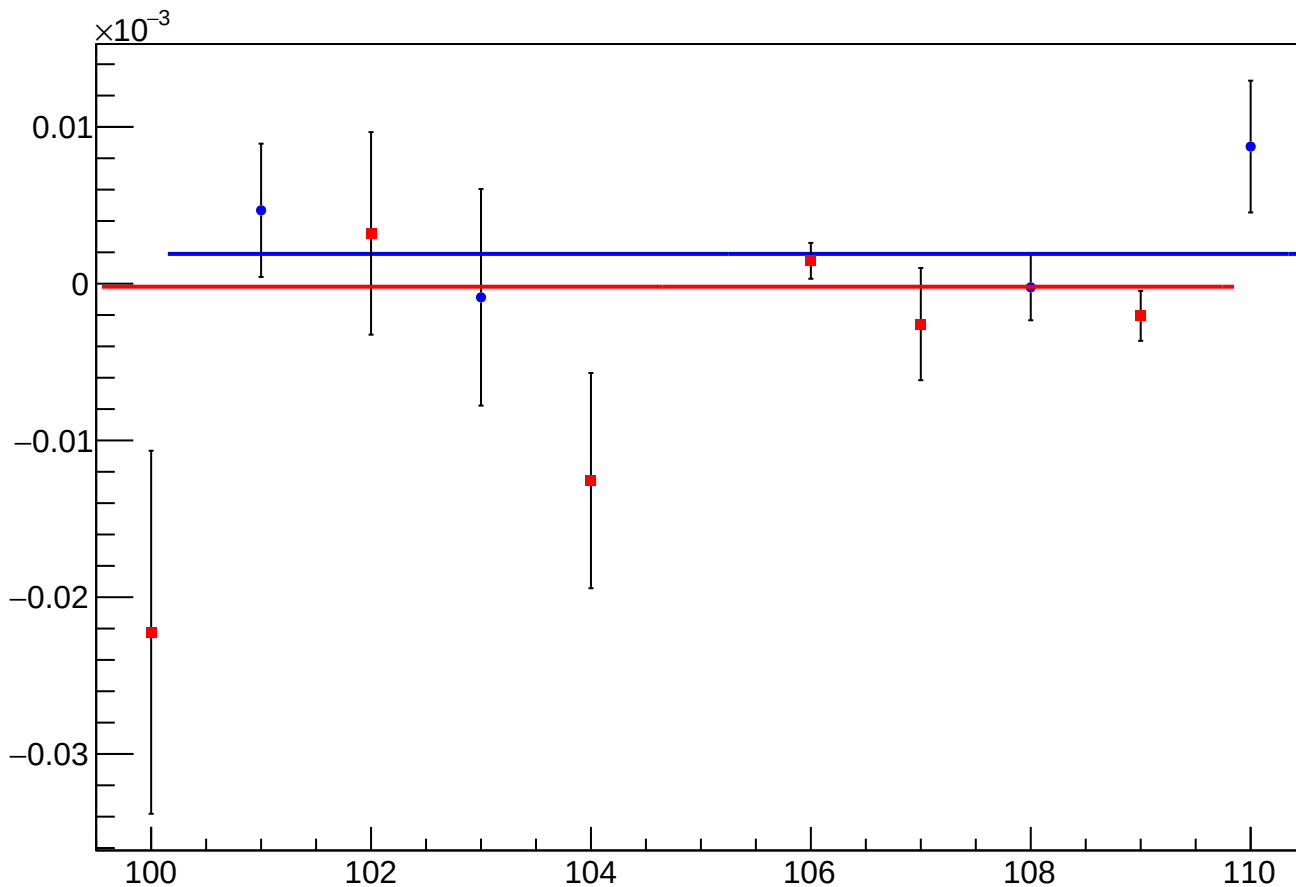
Right: 71.557+/-0.037 χ^2/NDF : 3315657.2/9

In: 79.996+/-0.057 χ^2/NDF : 1513897.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.557+/-0.037 χ^2/NDF : 3315657.2/9

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.3/3

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

Right Out: -0.000+/-0.000 χ^2/NDF : 11.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

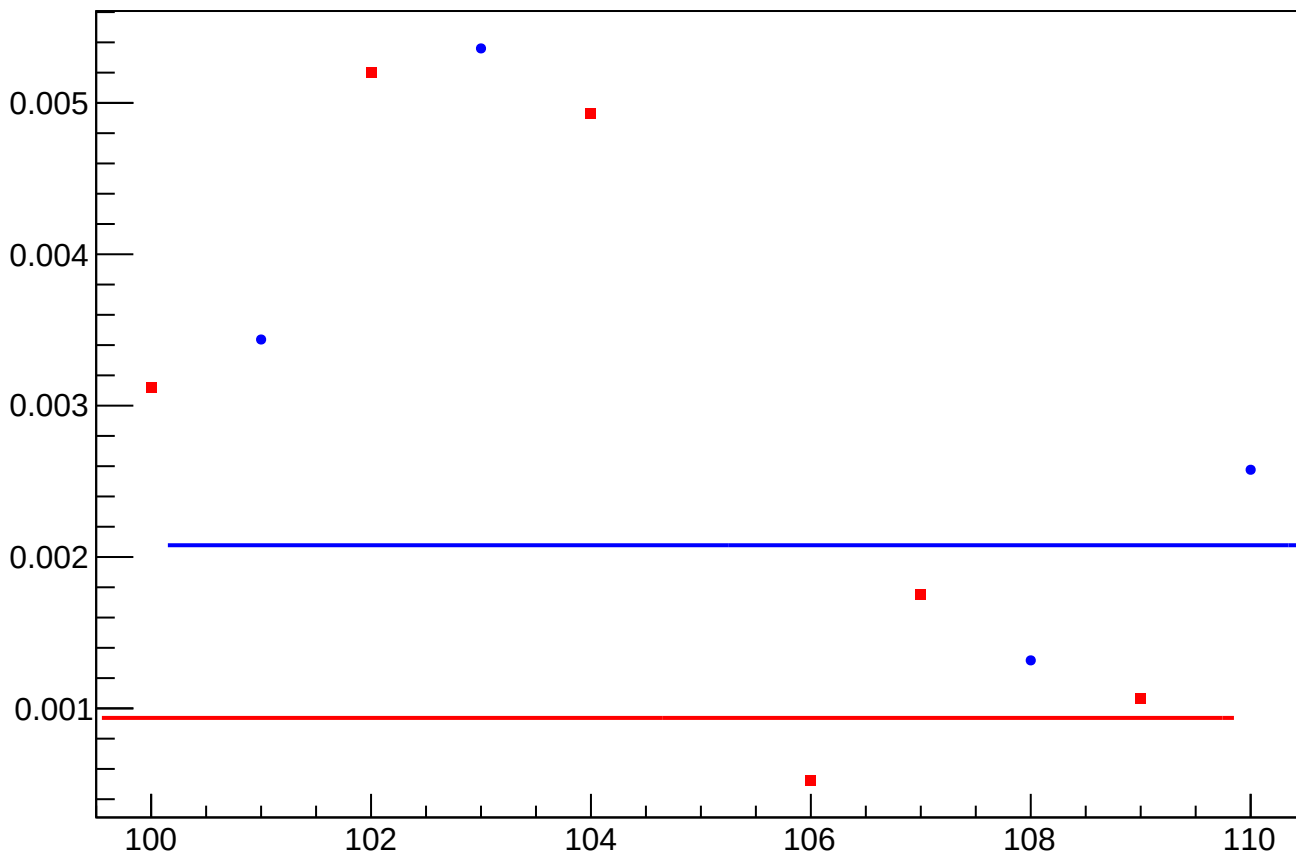
Right: 0.000+/-0.000 χ^2/NDF : 16.5/9

In: 0.000+/-0.000 χ^2/NDF : 4.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.5/9

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 946245.6/3

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

Right Out: 0.001+/-0.000 χ^2/NDF : 1997530.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

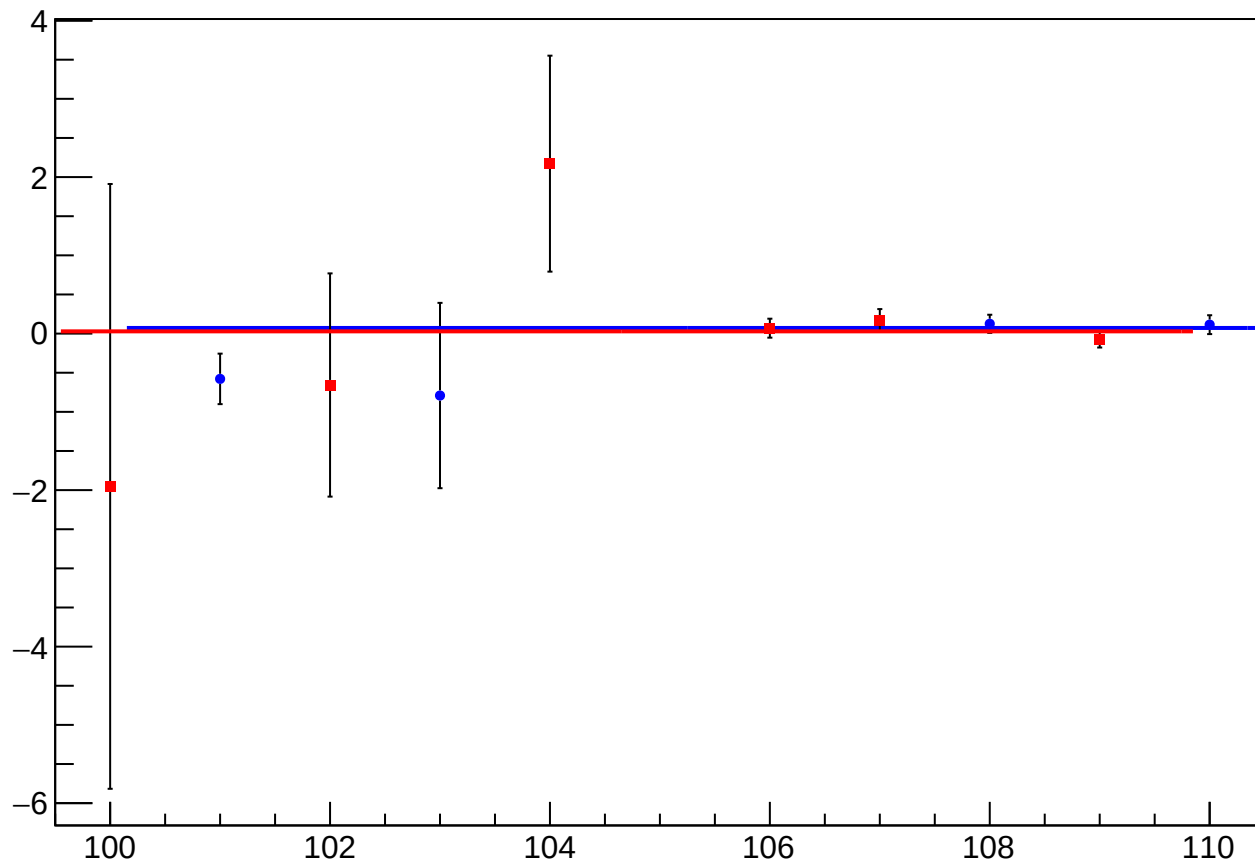
Right: 0.001+/-0.000 χ^2/NDF : 3674954.7/9

In: 0.002+/-0.000 χ^2/NDF :946245.6/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3674954.7/9

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.072+/-0.081 χ^2/NDF : 4.9/3

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

Right Out: 0.029+/-0.068 χ^2/NDF : 5.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

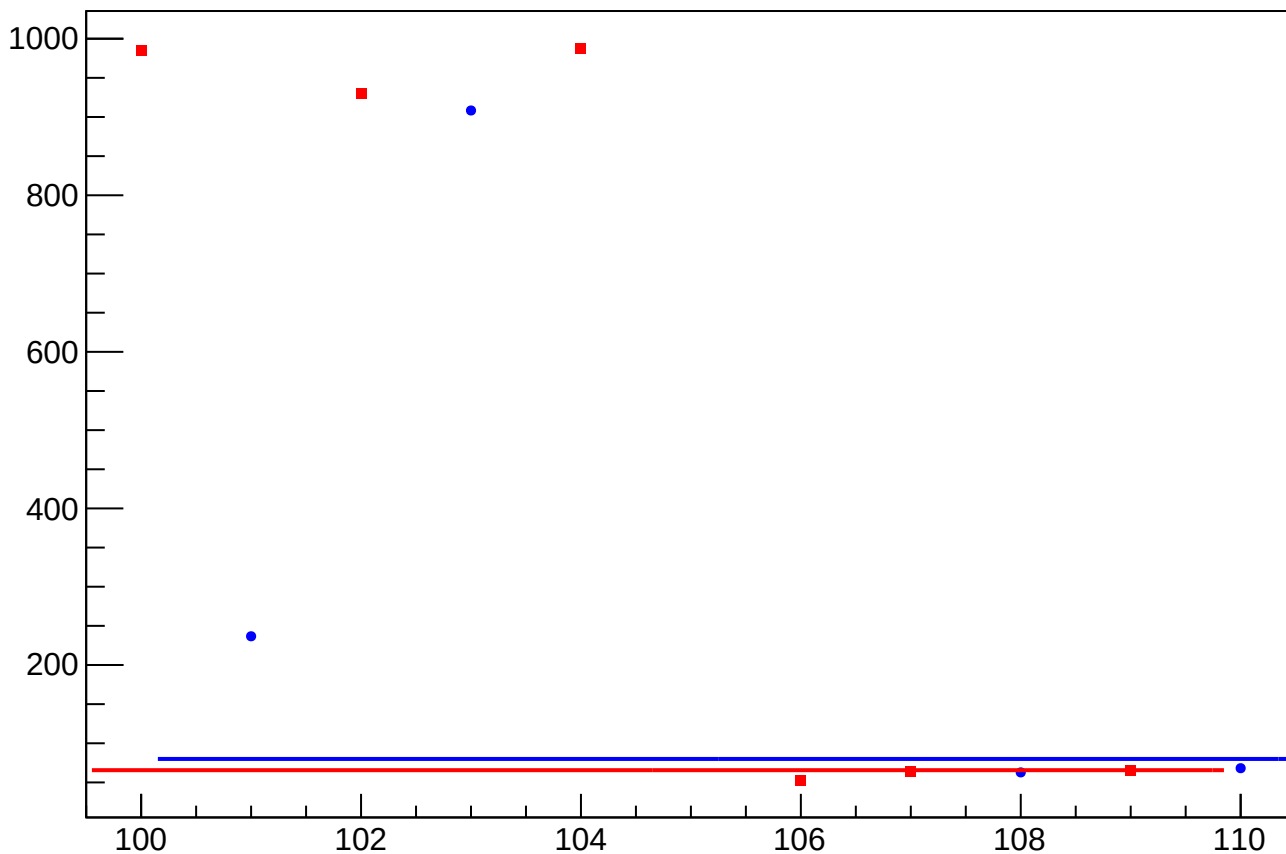
Right: 0.047+/-0.052 χ^2/NDF : 10.3/9

In: 0.072+/-0.081 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.052 χ^2/NDF : 10.3/9

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 79.996+/-0.057 χ^2/NDF : 1513898.2/3

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

Right Out: 65.638+/-0.048 χ^2/NDF : 1764483.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

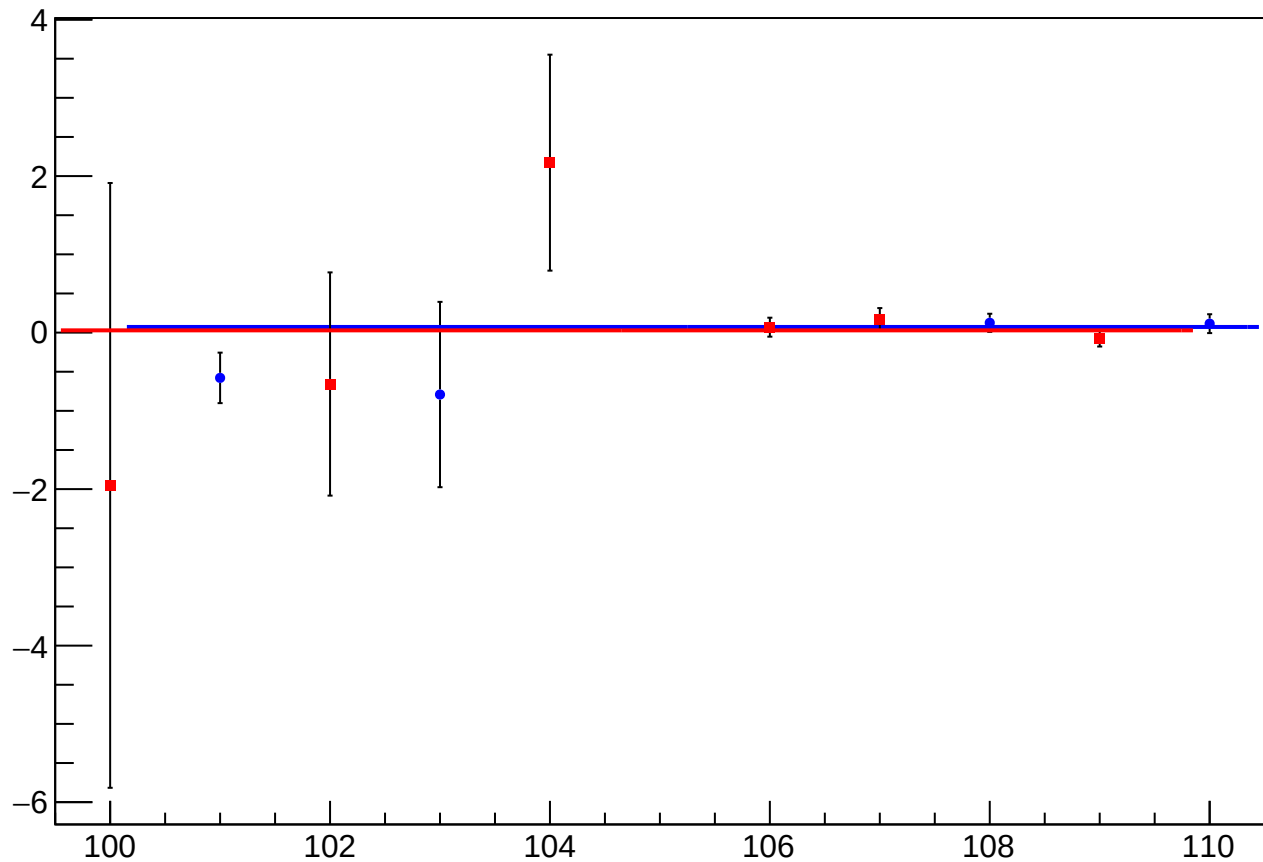
Right: 71.557+/-0.037 χ^2/NDF : 3315658.9/9

In: 79.996+/-0.057 χ^2/NDF : 1513898.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.557+/-0.037 χ^2/NDF : 3315658.9/9

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.072+/-0.081 χ^2/NDF : 4.9/3

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

Right Out: 0.029+/-0.068 χ^2/NDF : 5.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

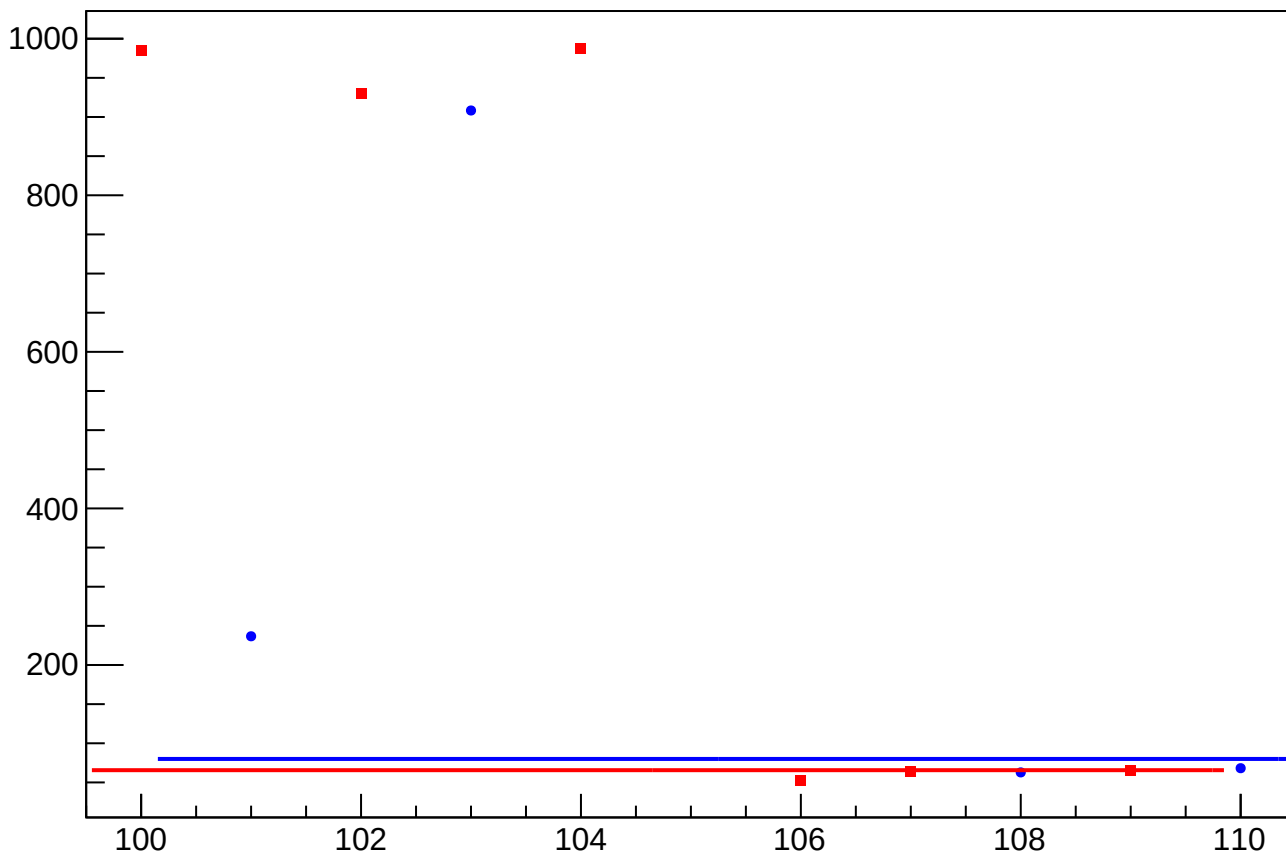
Right: 0.047+/-0.052 χ^2/NDF : 10.3/9

In: 0.072+/-0.081 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.052 χ^2/NDF : 10.3/9

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 79.996+/-0.057 χ^2/NDF : 1513898.2/3

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

Right Out: 65.638+/-0.048 χ^2/NDF : 1764483.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

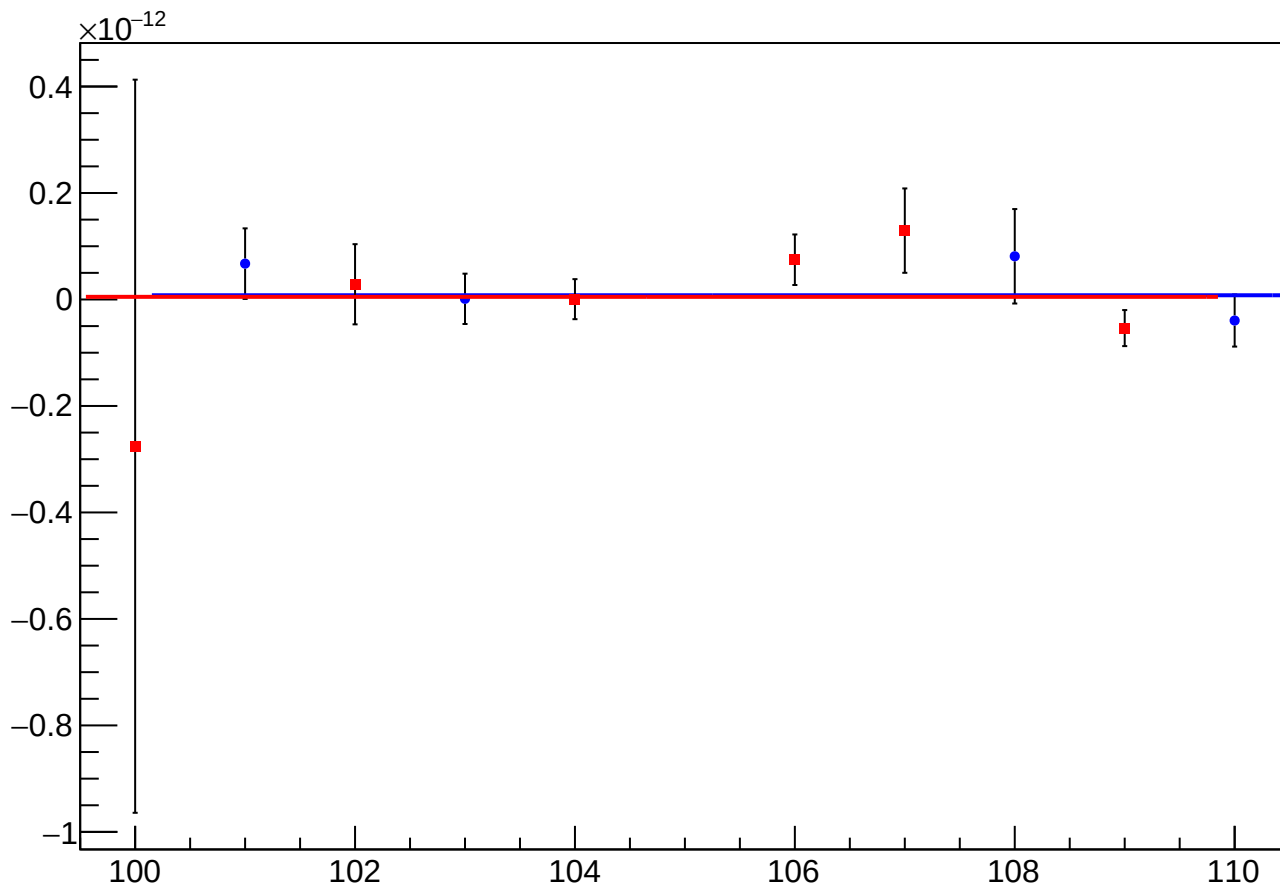
Right: 71.557+/-0.037 χ^2/NDF : 3315658.9/9

In: 79.996+/-0.057 χ^2/NDF : 1513898.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.557+/-0.037 χ^2/NDF : 3315658.9/9

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.4/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

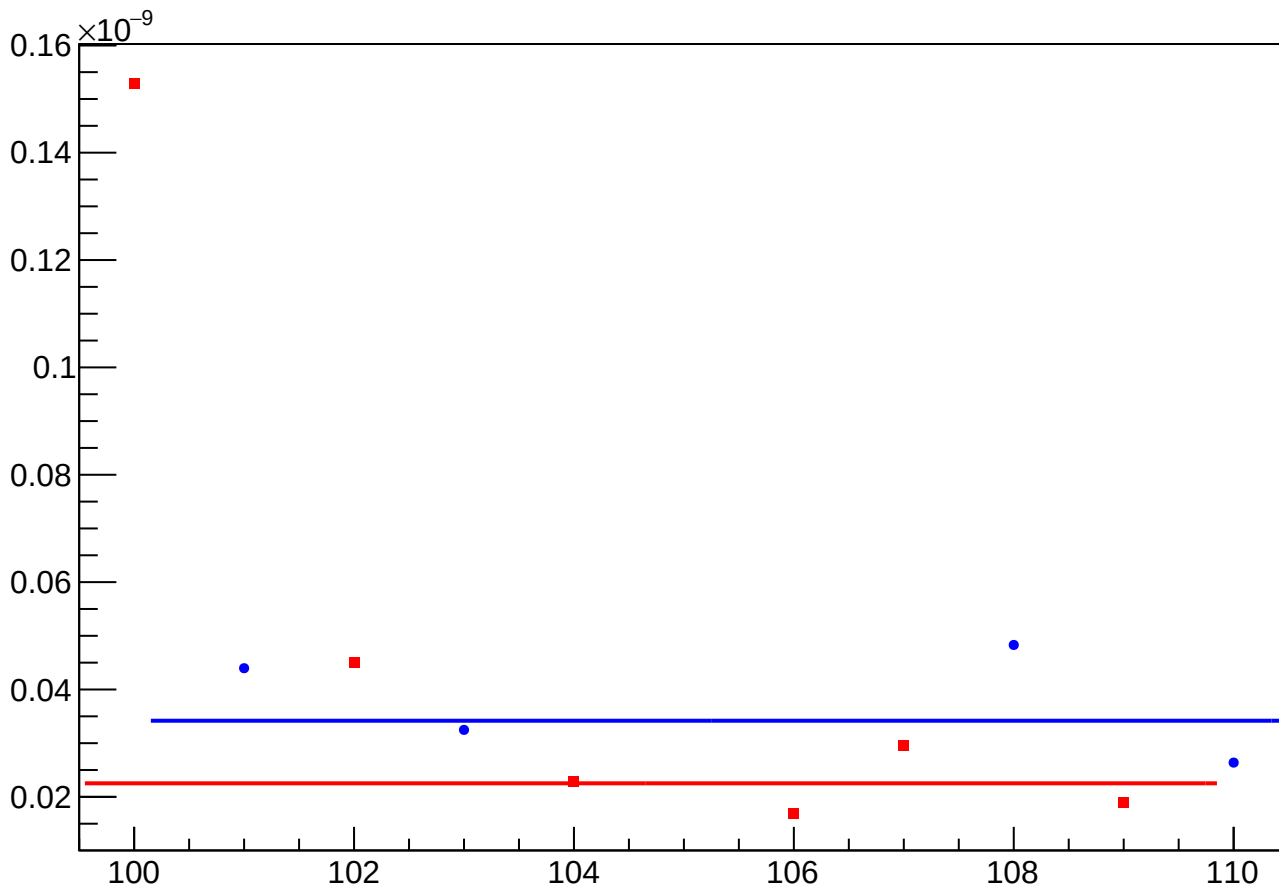
Right: 0.000+/-0.000 χ^2/NDF : 10.4/9

In: 0.000+/-0.000 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.4/9

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 147692.4/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 315439.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

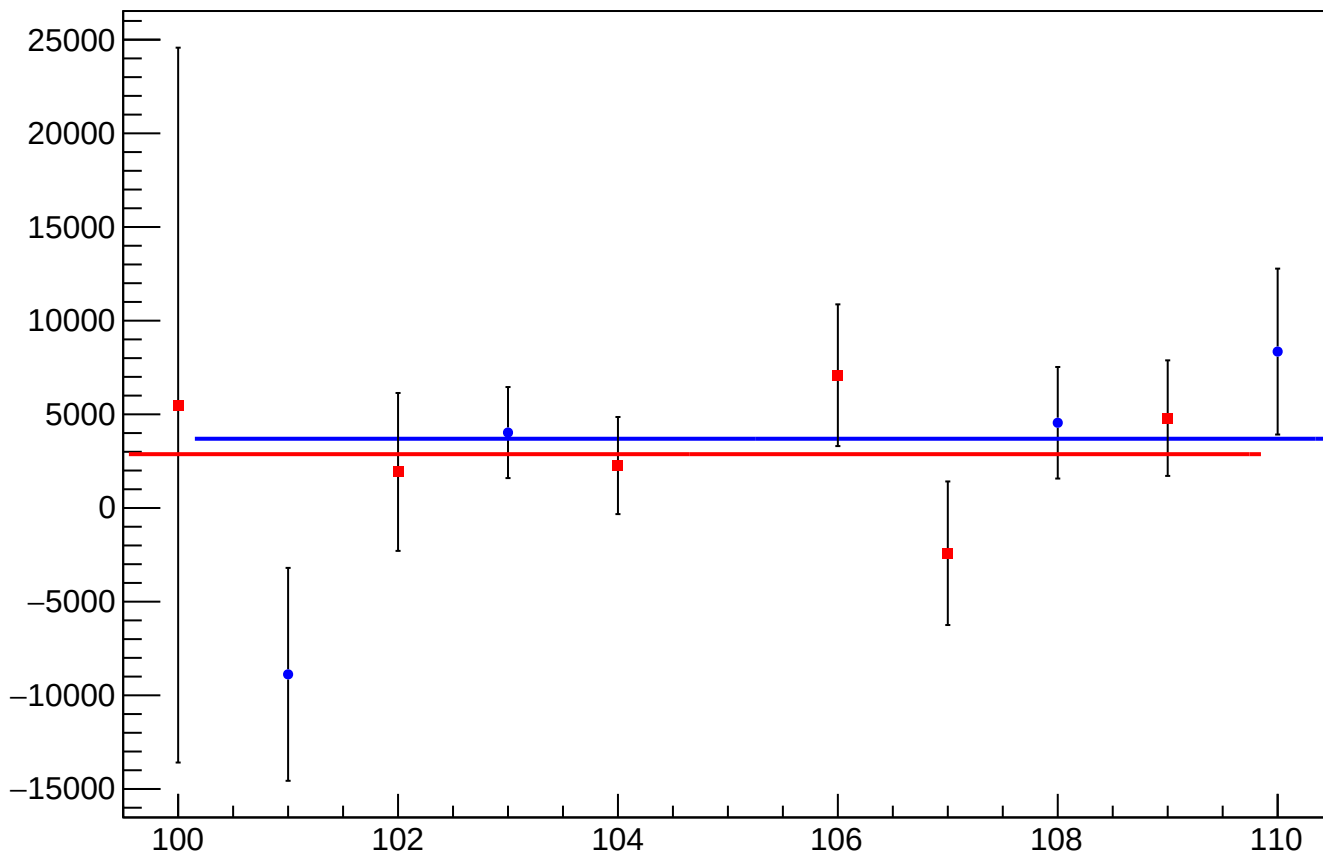
Right: 0.000+/-0.000 χ^2/NDF : 681856.8/9

In: 0.000+/-0.000 χ^2/NDF : 147692.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 681856.8/9

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3696.621+/-1657.414 χ^2/NDF : 6.1/3

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

Right Out: 2873.525+/-1489.204 χ^2/NDF : 3.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

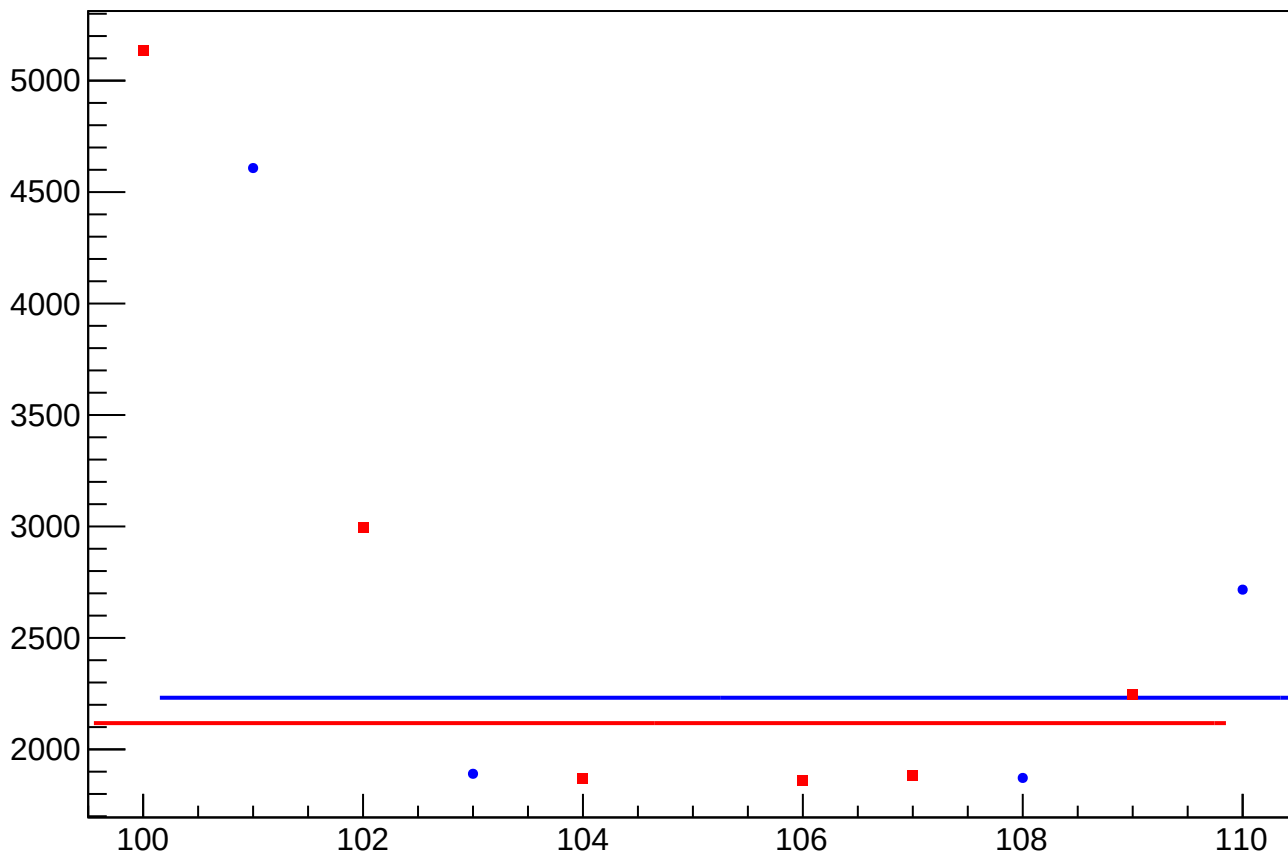
Right: 3241.198+/-1107.737 χ^2/NDF : 9.9/9

In: 3696.621+/-1657.414 χ^2/NDF : 6.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3241.198+/-1107.737 χ^2/NDF : 9.9/9

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2231.636+/-1.172 χ^2/NDF : 442262.1/3

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

Right Out: 2117.784+/-1.053 χ^2/NDF : 175888.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

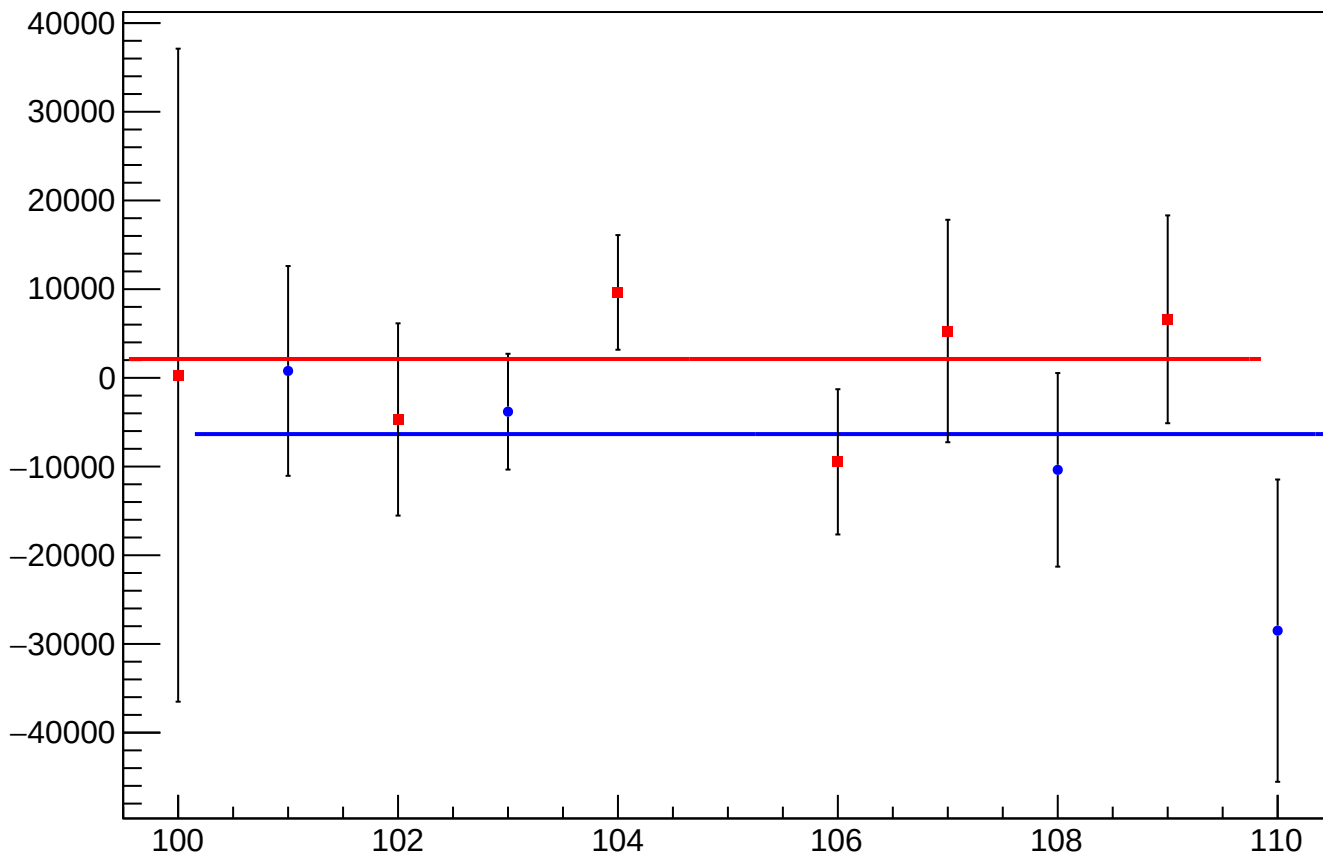
Right: 2168.641+/-0.783 χ^2/NDF : 623371.8/9

In: 2231.636+/-1.172 χ^2/NDF : 442262.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2168.641+/-0.783 χ^2/NDF : 623371.8/9

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -6338.818+/-4853.045 χ^2/NDF : 2.3/3

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

Right Out: 2128.304+/-4024.042 χ^2/NDF : 4.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

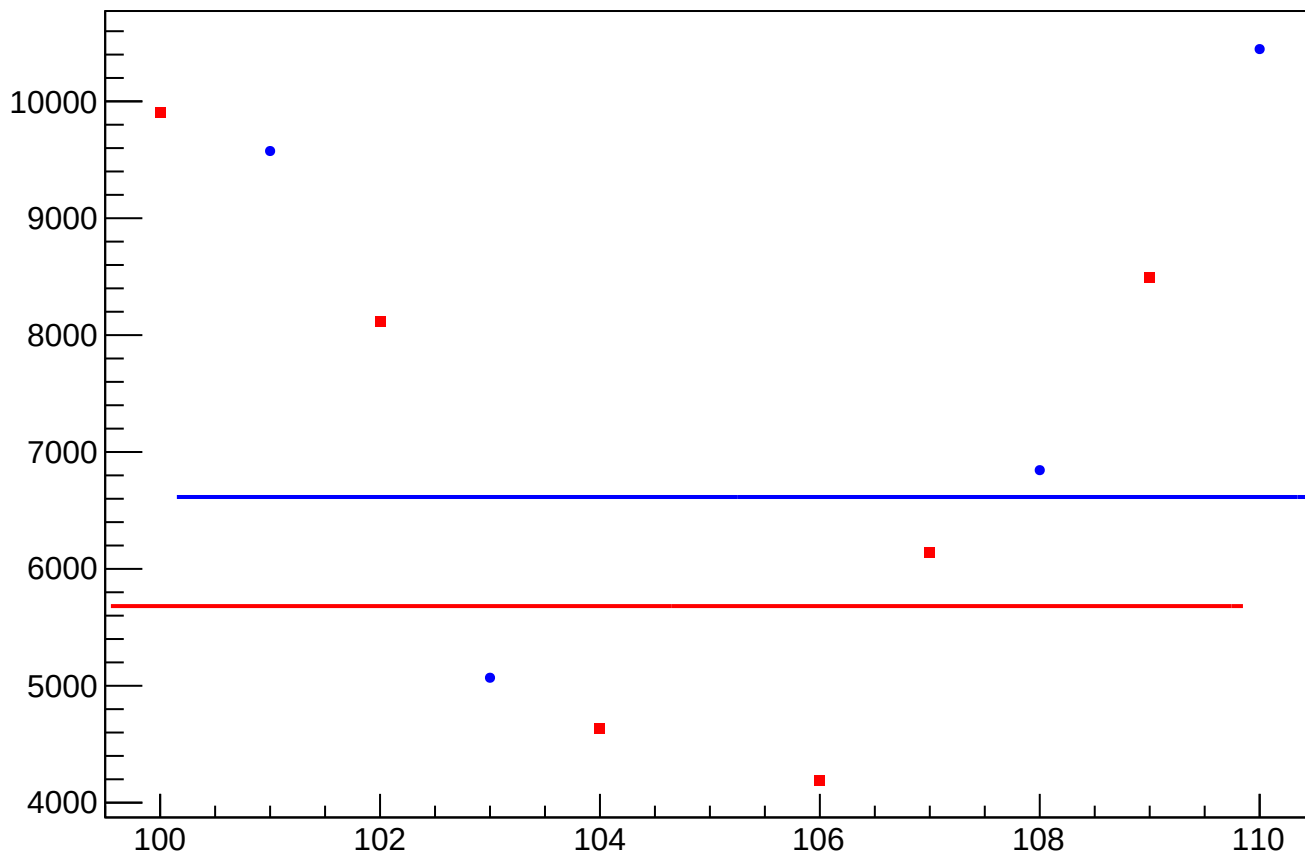
Right: -1321.376+/-3097.675 χ^2/NDF : 8.1/9

In: -6338.818+/-4853.045 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1321.376+/-3097.675 χ^2/NDF : 8.1/9

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 6615.101+/-3.432 χ^2/NDF : 339556.9/3

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

Right Out: 5681.785+/-2.845 χ^2/NDF : 364482.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

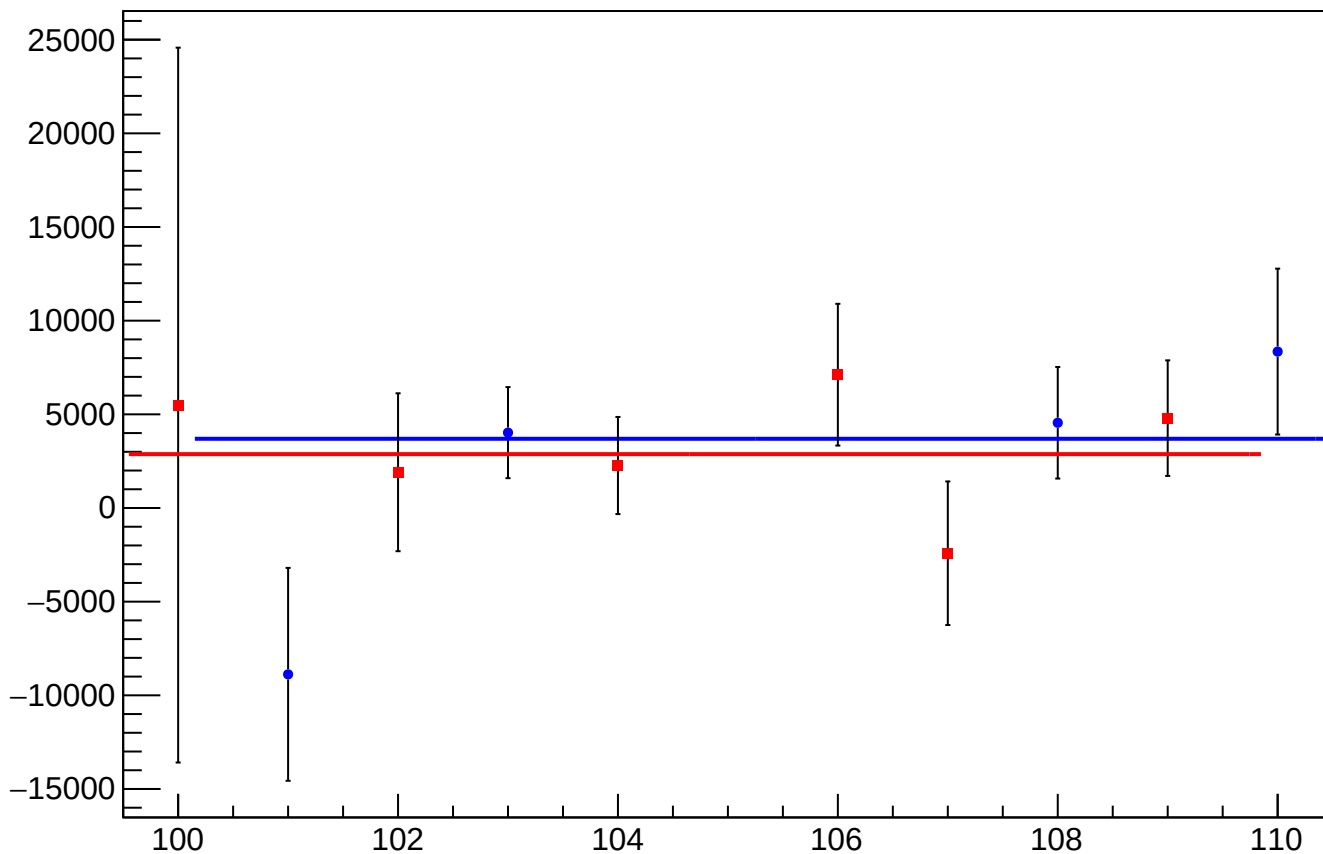
Right: 6062.037+/-2.190 χ^2/NDF : 747872.6/9

In: 6615.101+/-3.432 χ^2/NDF : 339556.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6062.037+/-2.190 χ^2/NDF : 747872.6/9

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3694.974+/-1657.415 χ^2/NDF : 6.1/3

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

Right Out: 2875.889+/-1489.235 χ^2/NDF : 3.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

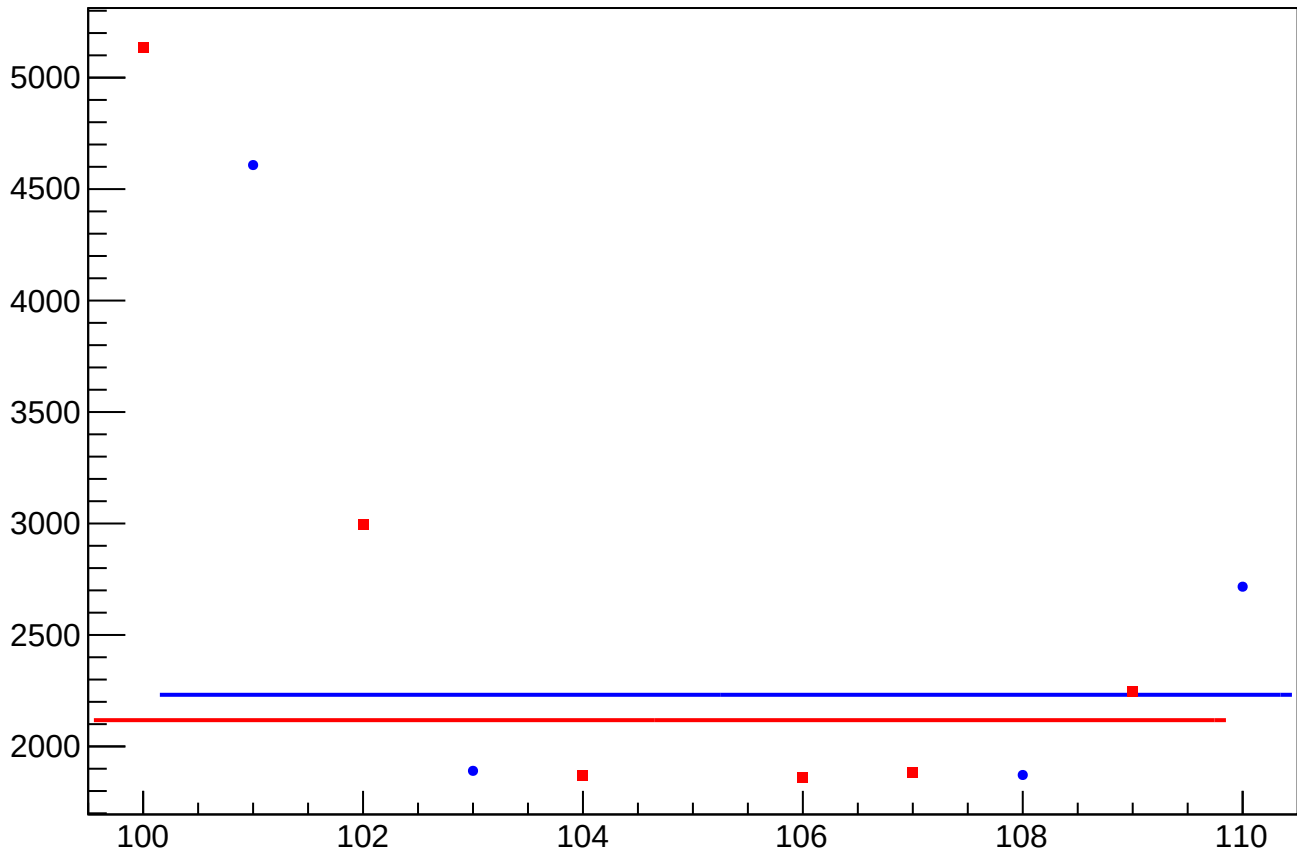
Right: 3241.778+/-1107.750 χ^2/NDF : 9.9/9

In: 3694.974+/-1657.415 χ^2/NDF : 6.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3241.778+/-1107.750 χ^2/NDF : 9.9/9

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2231.638+/-1.172 χ^2/NDF : 442261.0/3

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

Right Out: 2117.834+/-1.053 χ^2/NDF : 175867.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

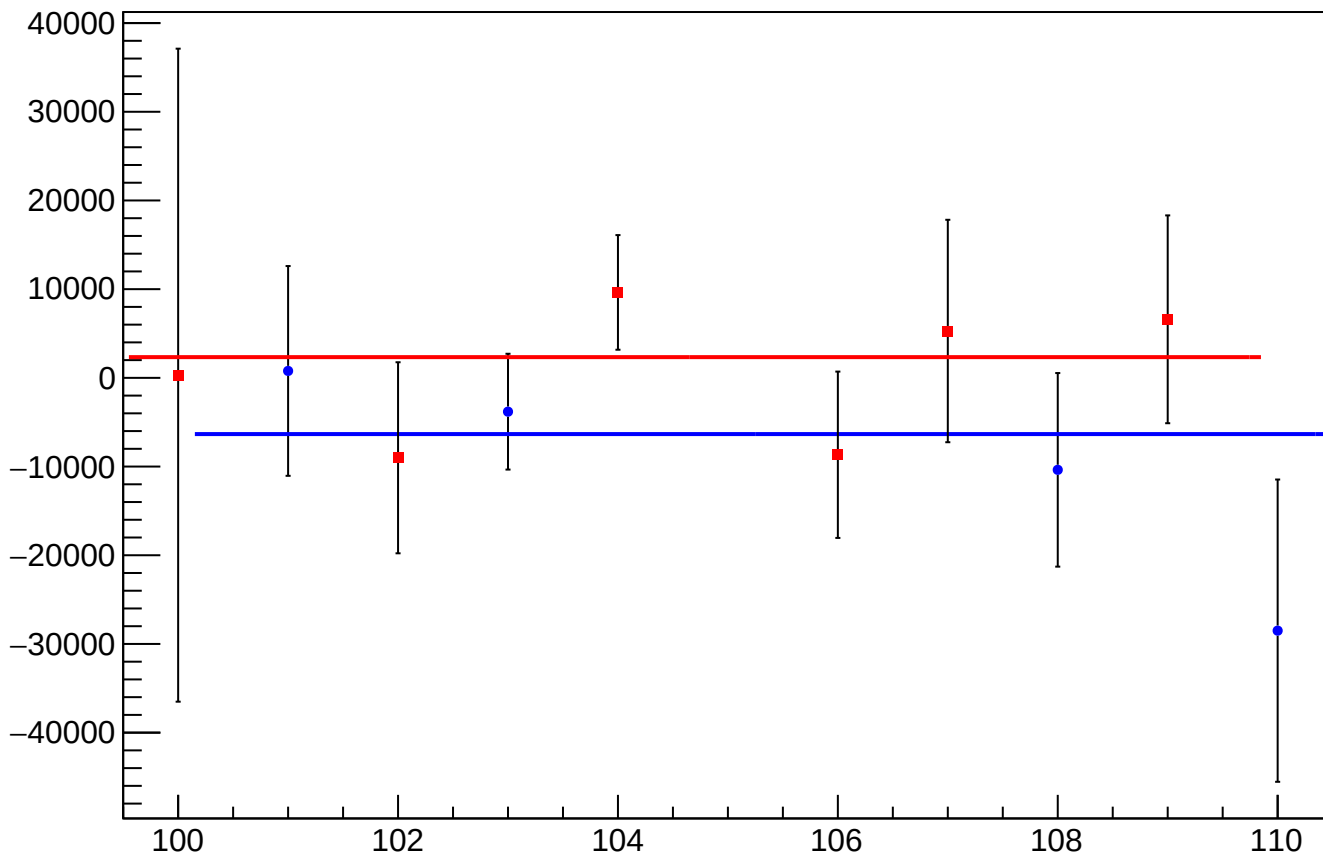
Right: 2168.670+/-0.783 χ^2/NDF : 623345.7/9

In: 2231.638+/-1.172 χ^2/NDF : 442261.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2168.670+/-0.783 χ^2/NDF : 623345.7/9

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -6338.871+/-4853.394 χ^2/NDF : 2.3/3

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

Right Out: 2336.640+/-4140.837 χ^2/NDF : 4.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

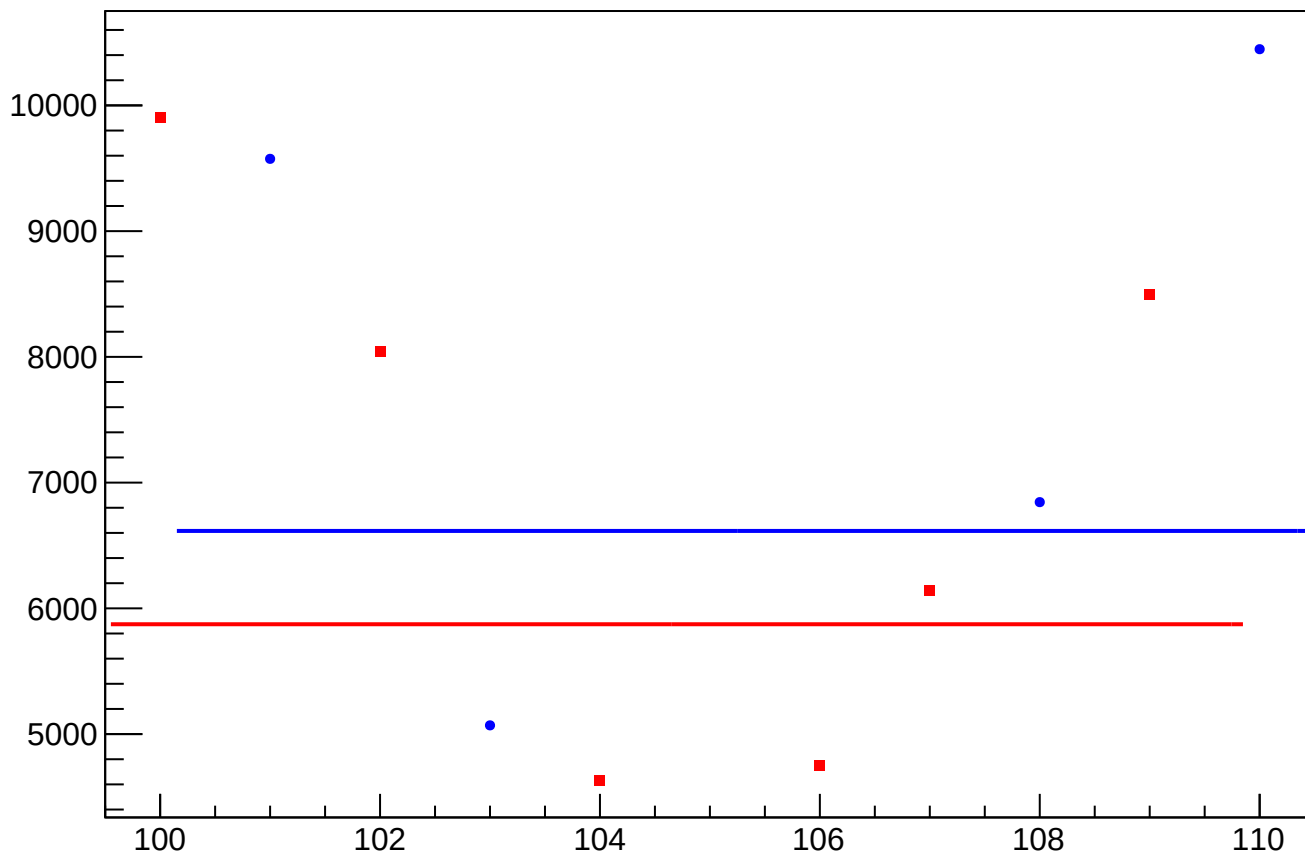
Right: -1318.096+/-3150.112 χ^2/NDF : 8.1/9

In: -6338.871+/-4853.394 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1318.096+/-3150.112 χ^2/NDF : 8.1/9

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 6615.718+/-3.432 χ^2/NDF : 339421.4/3

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

Right Out: 5873.612+/-2.928 χ^2/NDF : 309013.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

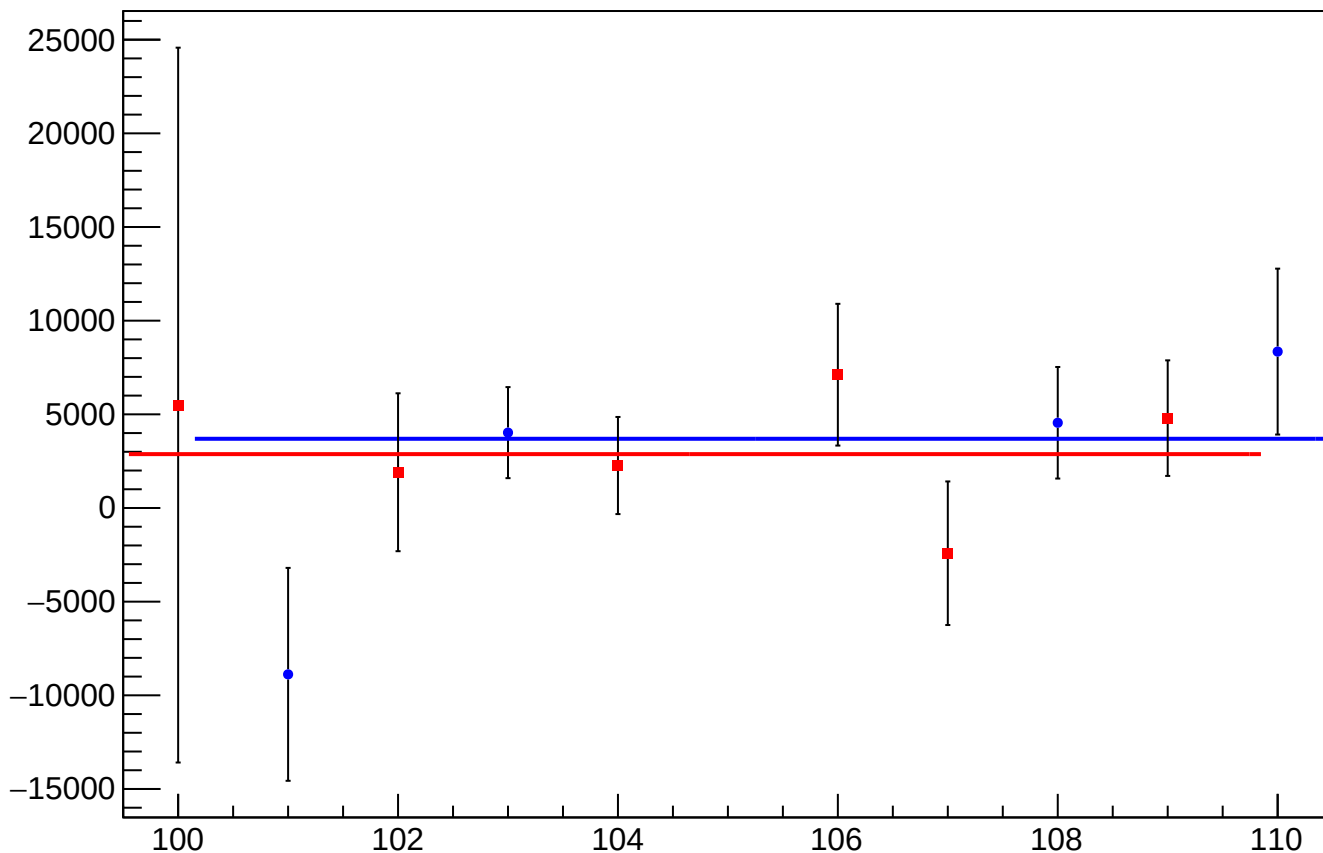
Right: 6186.239+/-2.227 χ^2/NDF : 675495.9/9

In: 6615.718+/-3.432 χ^2/NDF : 339421.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6186.239+/-2.227 χ^2/NDF : 675495.9/9

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3694.974+/-1657.415 χ^2/NDF : 6.1/3

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

Right Out: 2875.889+/-1489.235 χ^2/NDF : 3.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

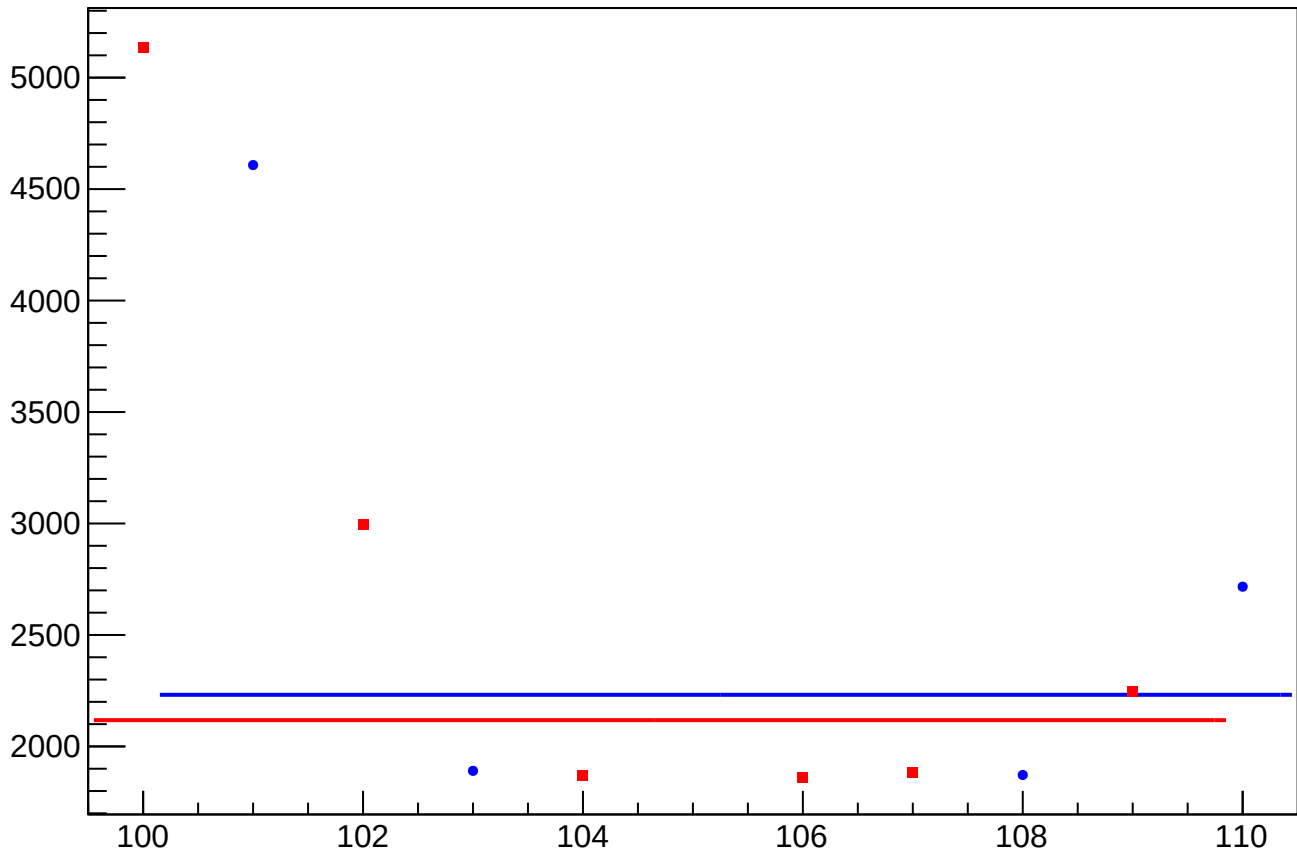
Right: 3241.778+/-1107.750 χ^2/NDF : 9.9/9

In: 3694.974+/-1657.415 χ^2/NDF : 6.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3241.778+/-1107.750 χ^2/NDF : 9.9/9

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2231.638+/-1.172 χ^2/NDF : 442261.0/3

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

Right Out: 2117.834+/-1.053 χ^2/NDF : 175867.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

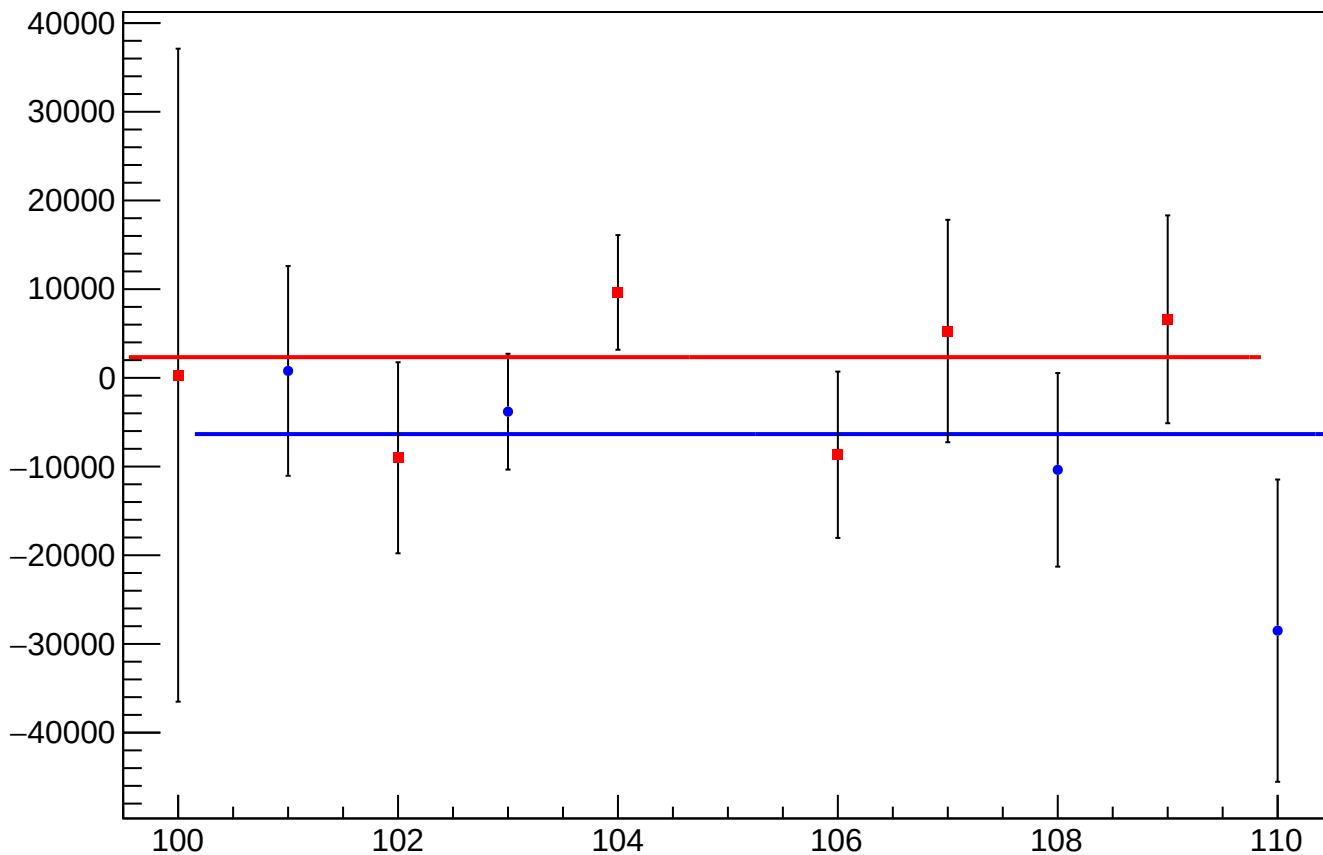
Right: 2168.670+/-0.783 χ^2/NDF : 623345.7/9

In: 2231.638+/-1.172 χ^2/NDF : 442261.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2168.670+/-0.783 χ^2/NDF : 623345.7/9

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -6338.871+/-4853.394 χ^2/NDF : 2.3/3

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

Right Out: 2336.640+/-4140.837 χ^2/NDF : 4.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

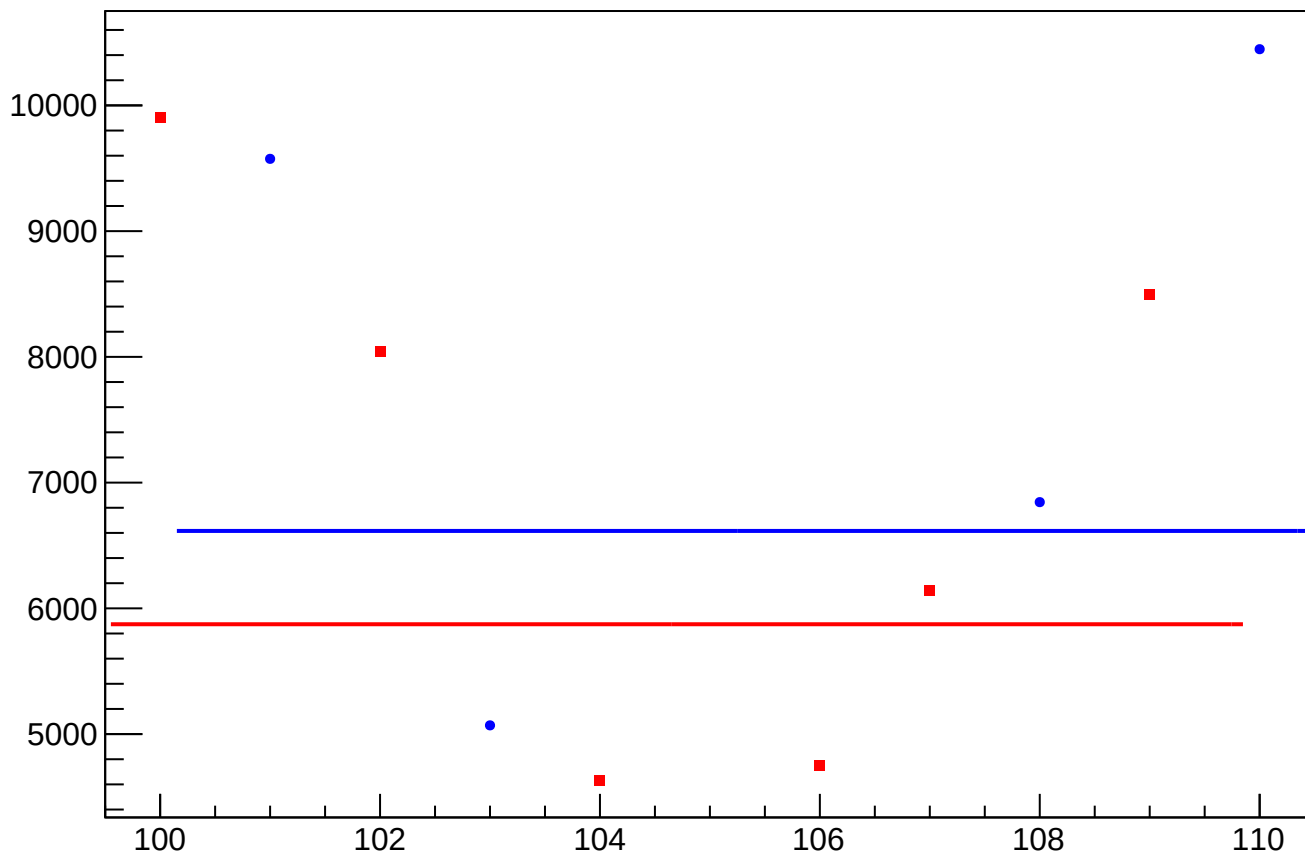
Right: -1318.096+/-3150.112 χ^2/NDF : 8.1/9

In: -6338.871+/-4853.394 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1318.096+/-3150.112 χ^2/NDF : 8.1/9

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6615.718+/-3.432 χ^2/NDF : 339421.4/3

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

Right Out: 5873.612+/-2.928 χ^2/NDF : 309013.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

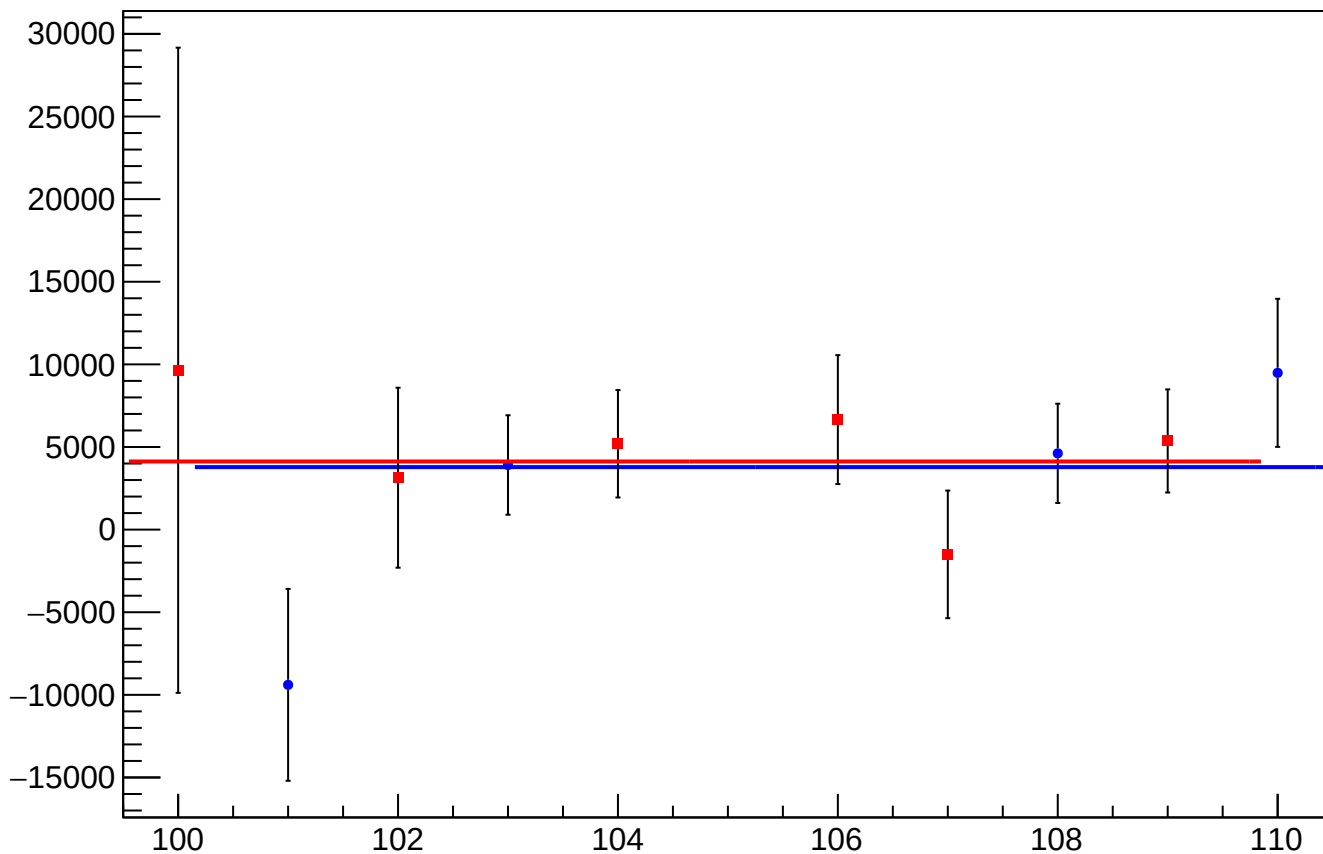
Right: 6186.239+/-2.227 χ^2/NDF : 675495.9/9

In: 6615.718+/-3.432 χ^2/NDF : 339421.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6186.239+/-2.227 χ^2/NDF : 675495.9/9

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3782.136+/-1823.581 χ^2/NDF : 6.8/3

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

Right Out: 4122.930+/-1651.823 χ^2/NDF : 2.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

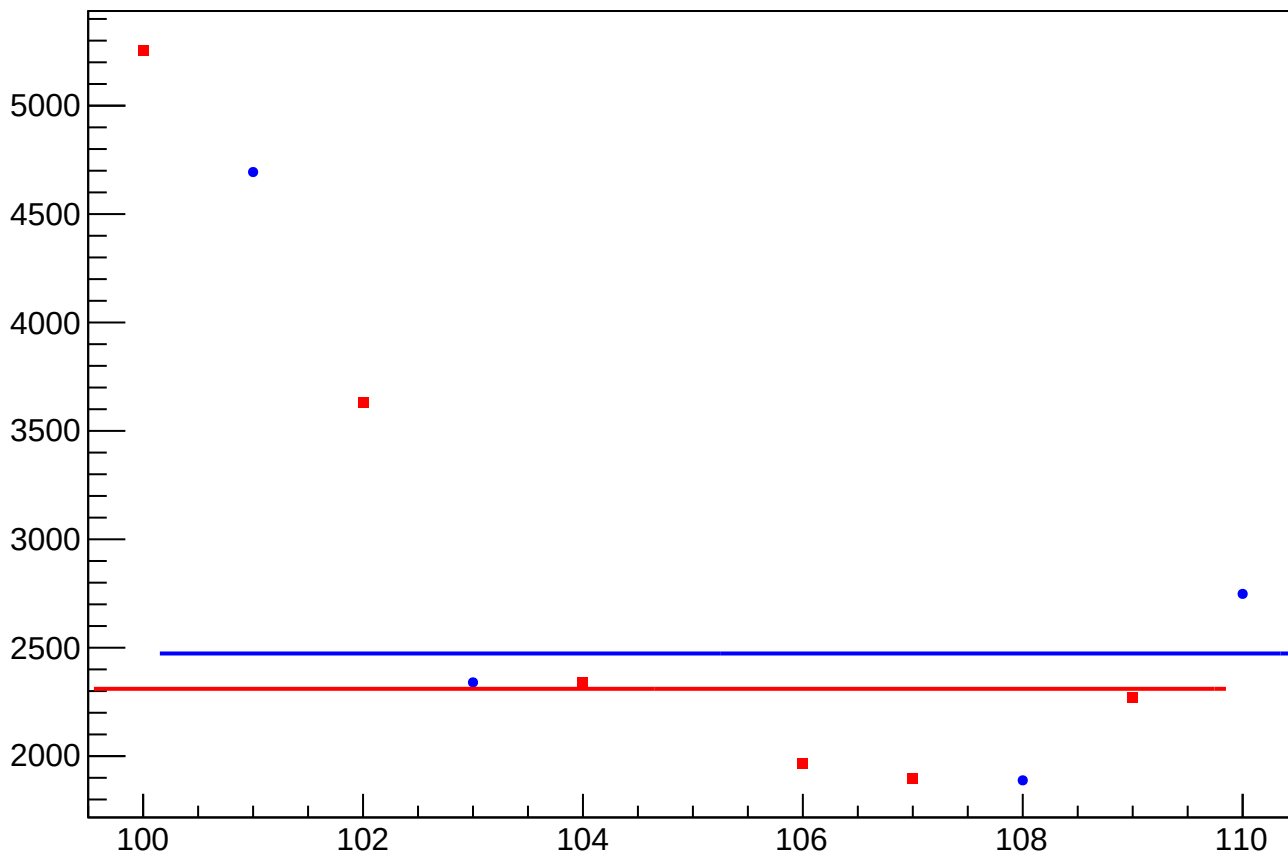
Right: 3969.335+/-1224.245 χ^2/NDF : 9.8/9

In: 3782.136+/-1823.581 χ^2/NDF : 6.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3969.335+/-1224.245 χ^2/NDF : 9.8/9

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2473.390+/-1.289 χ^2/NDF : 379758.9/3

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

Right Out: 2310.472+/-1.166 χ^2/NDF : 202105.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

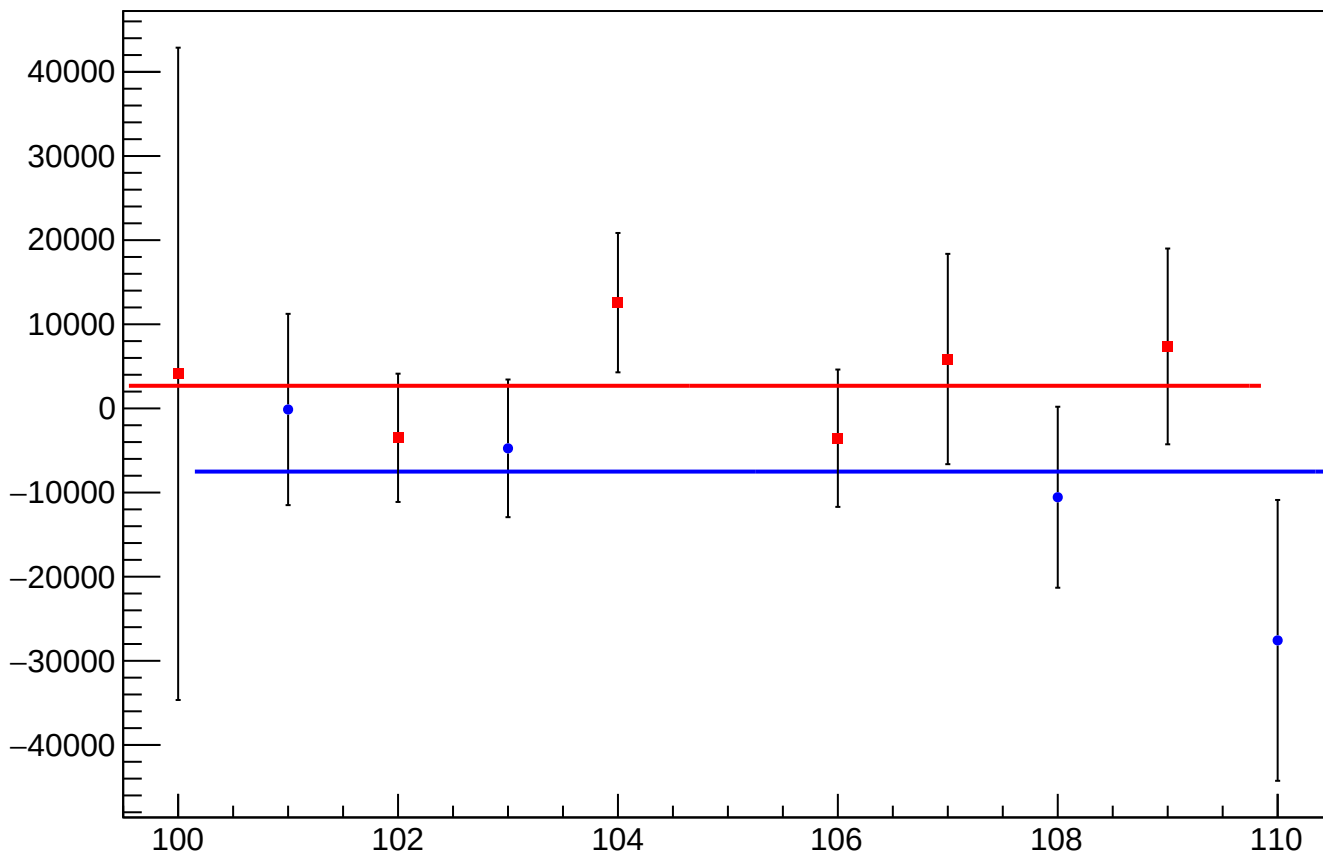
Right: 2383.761+/-0.865 χ^2/NDF : 590646.0/9

In: 2473.390+/-1.289 χ^2/NDF : 379758.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2383.761+/-0.865 χ^2/NDF : 590646.0/9

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -7507.424+/-5351.527 χ^2/NDF : 2.1/3

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

Right Out: 2689.958+/-4040.523 χ^2/NDF : 2.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

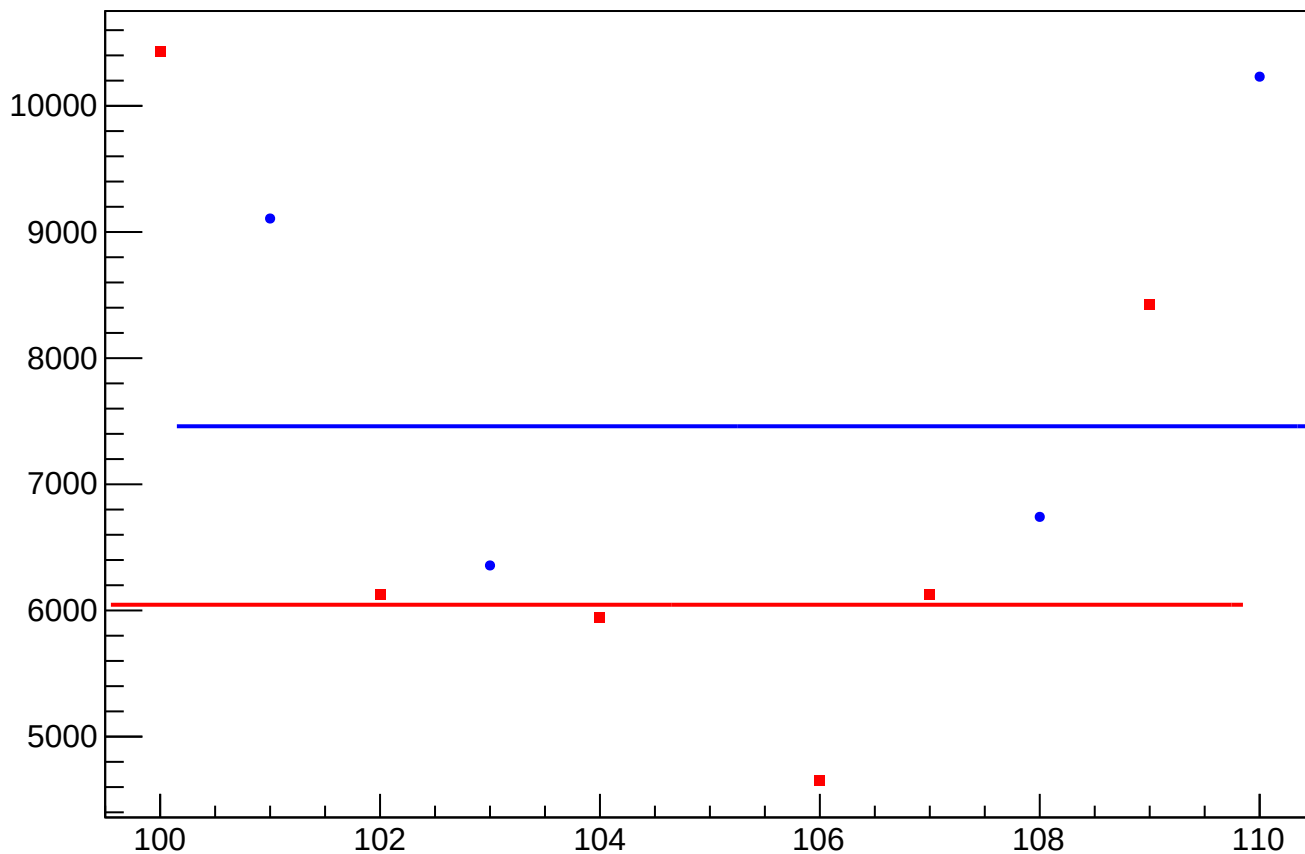
Right: -1012.519+/-3224.628 χ^2/NDF : 7.3/9

In: -7507.424+/-5351.527 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1012.519+/-3224.628 χ^2/NDF : 7.3/9

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 7460.140+/-3.784 χ^2/NDF : 142425.6/3

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

Right Out: 6045.374+/-2.857 χ^2/NDF : 167692.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

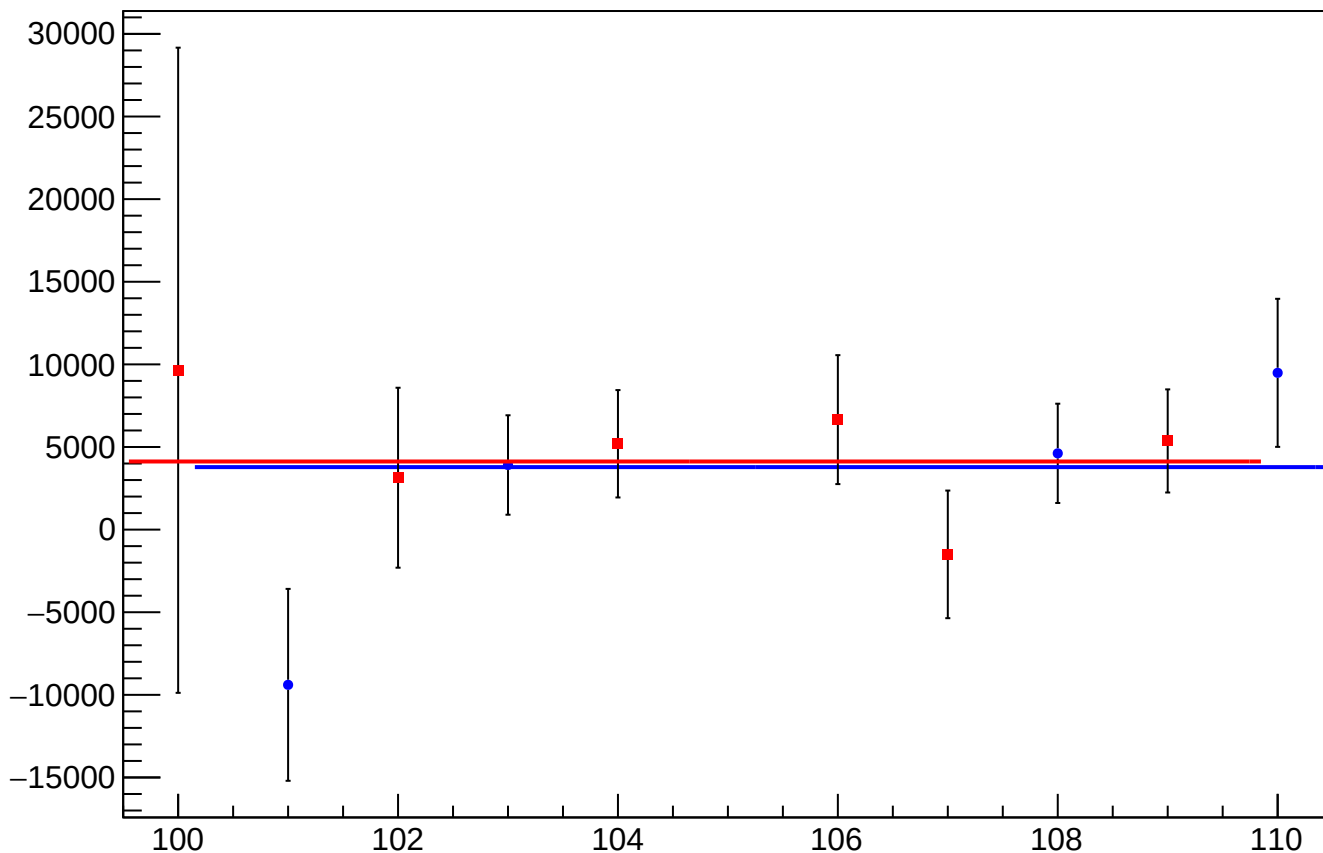
Right: 6559.049+/-2.280 χ^2/NDF : 399146.3/9

In: 7460.140+/-3.784 χ^2/NDF : 142425.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6559.049+/-2.280 χ^2/NDF : 399146.3/9

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3782.137+/-1823.580 χ^2/NDF : 6.8/3

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

Right Out: 4122.924+/-1651.823 χ^2/NDF : 2.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

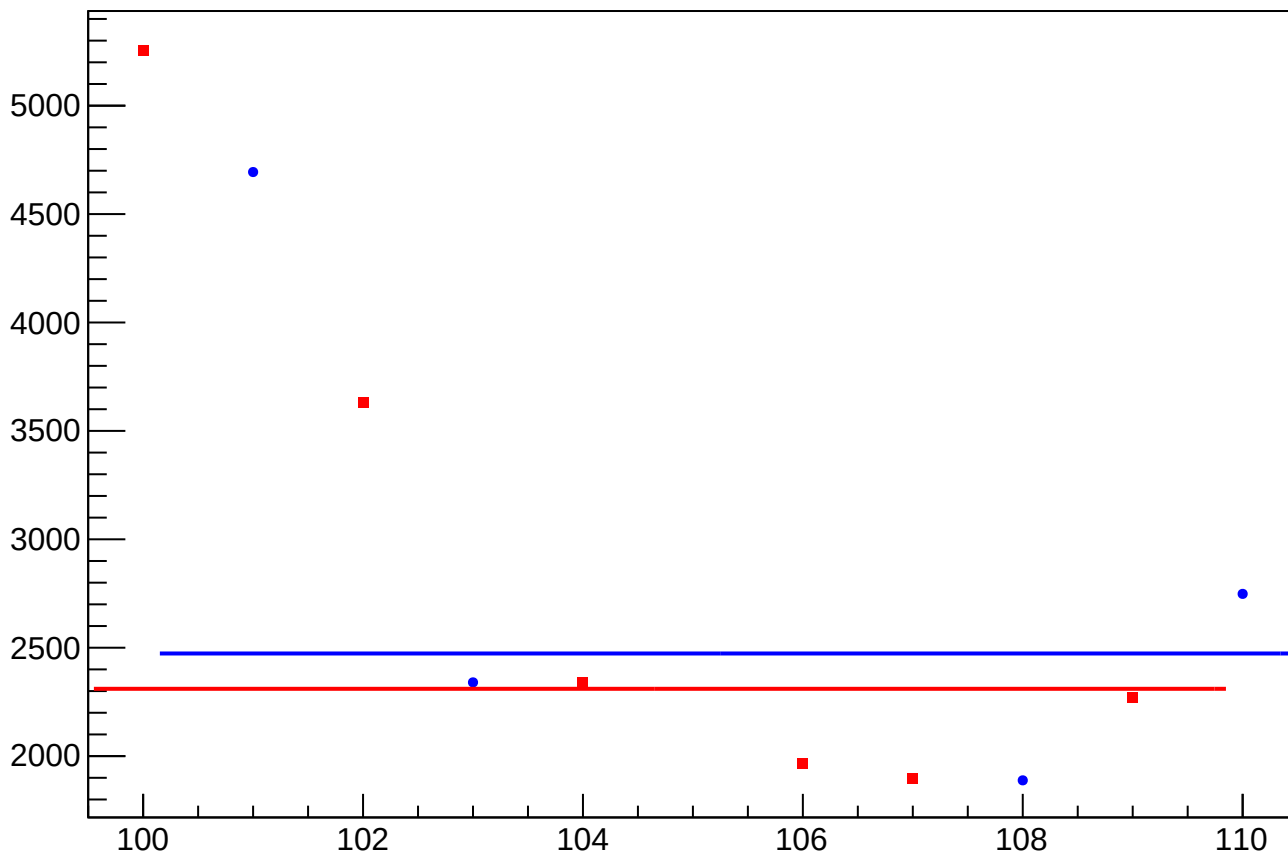
Right: 3969.332+/-1224.245 χ^2/NDF : 9.8/9

In: 3782.137+/-1823.580 χ^2/NDF : 6.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3969.332+/-1224.245 χ^2/NDF : 9.8/9

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2473.390+/-1.289 χ^2/NDF : 379759.2/3

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

Right Out: 2310.472+/-1.166 χ^2/NDF : 202104.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

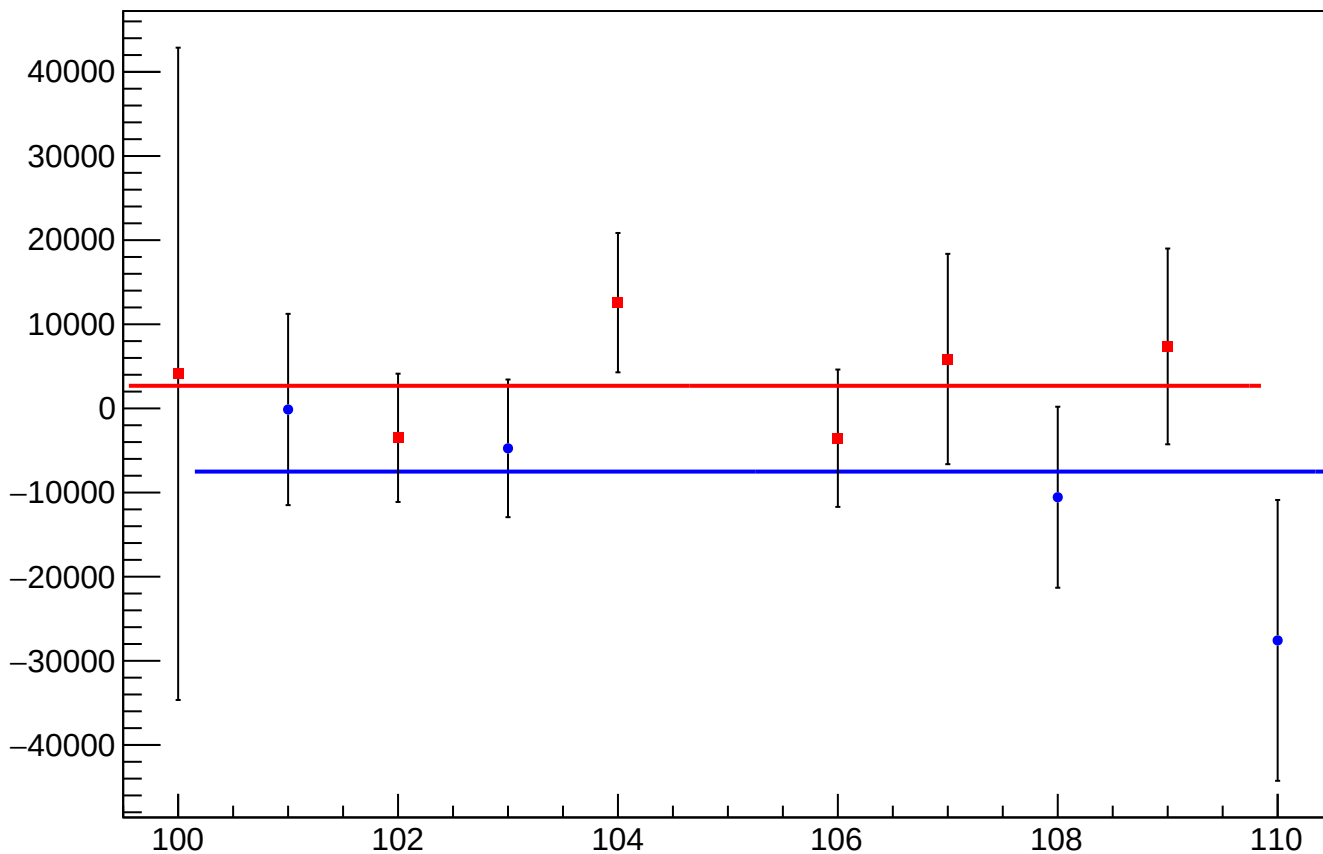
Right: 2383.761+/-0.865 χ^2/NDF : 590645.9/9

In: 2473.390+/-1.289 χ^2/NDF : 379759.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2383.761+/-0.865 χ^2/NDF : 590645.9/9

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -7507.433+/-5351.526 χ^2/NDF : 2.1/3

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

Right Out: 2689.961+/-4040.517 χ^2/NDF : 2.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

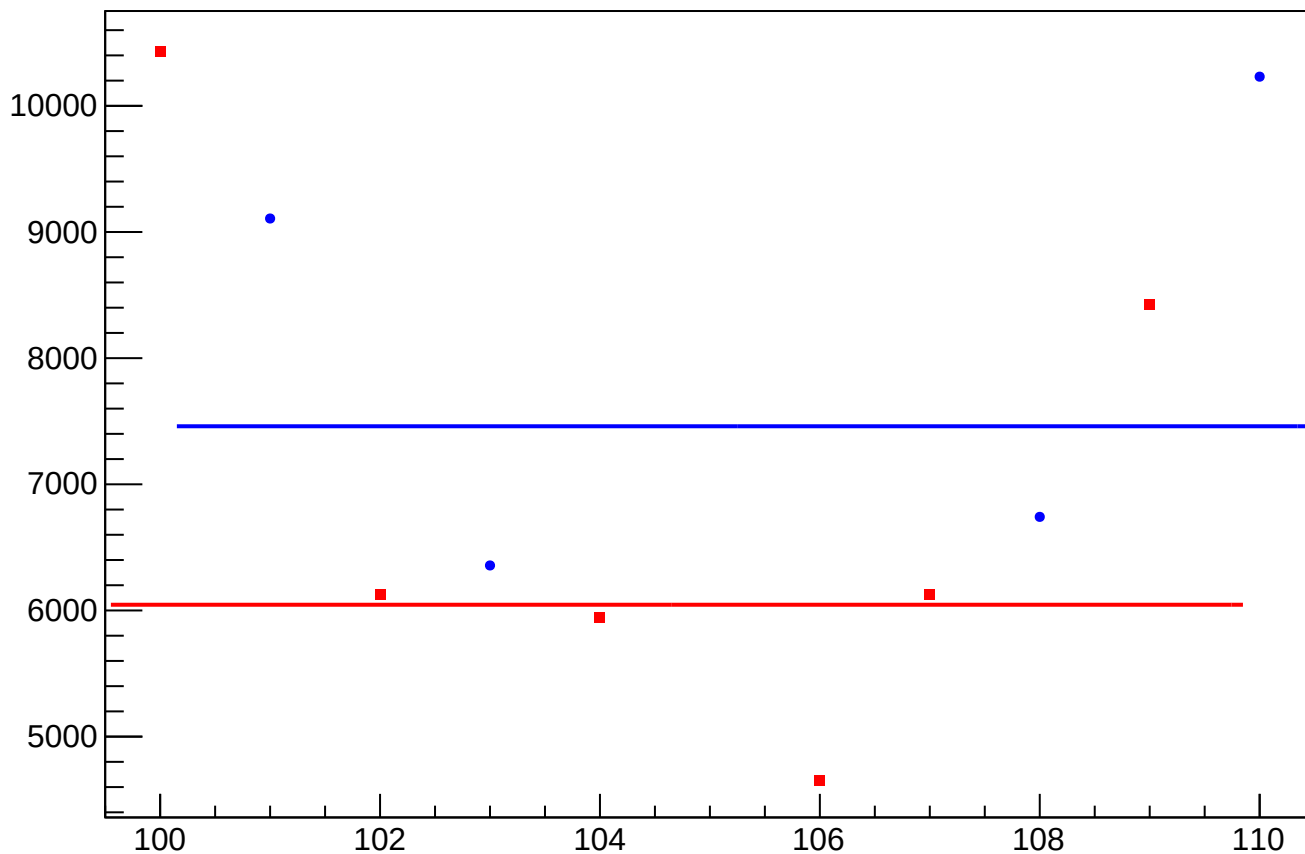
Right: -1012.515+/-3224.625 χ^2/NDF : 7.3/9

In: -7507.433+/-5351.526 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1012.515+/-3224.625 χ^2/NDF : 7.3/9

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7460.139+/-3.784 χ^2/NDF : 142424.5/3

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

Right Out: 6045.366+/-2.857 χ^2/NDF : 167693.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

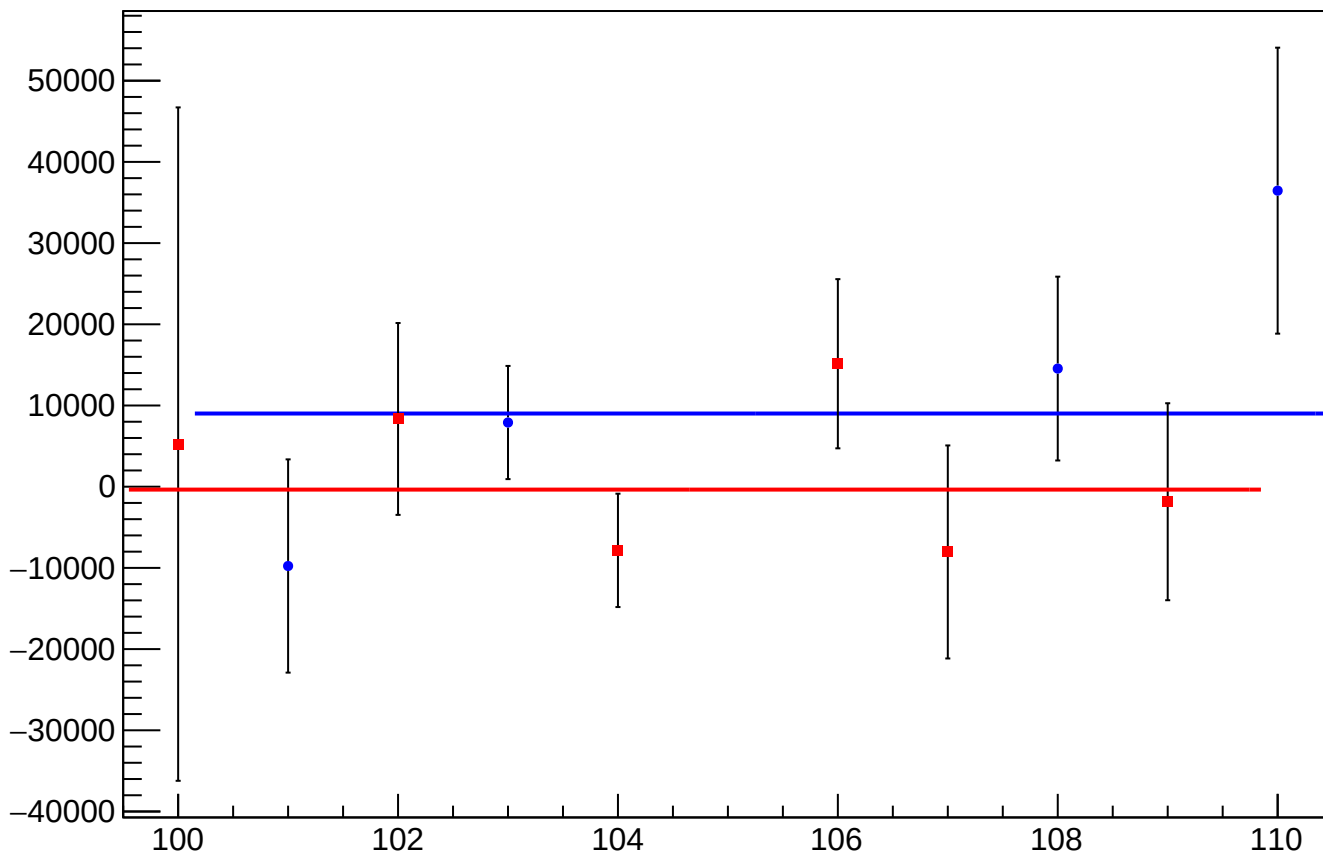
Right: 6559.043+/-2.280 χ^2/NDF : 399147.1/9

In: 7460.139+/-3.784 χ^2/NDF : 142424.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6559.043+/-2.280 χ^2/NDF : 399147.1/9

asym_atr2_mean vs Slug, Sign Corrected



Right In: 9012.215+/-5169.655 χ^2/NDF : 4.7/3

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

Right Out: -357.232+/-4467.878 χ^2/NDF : 4.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

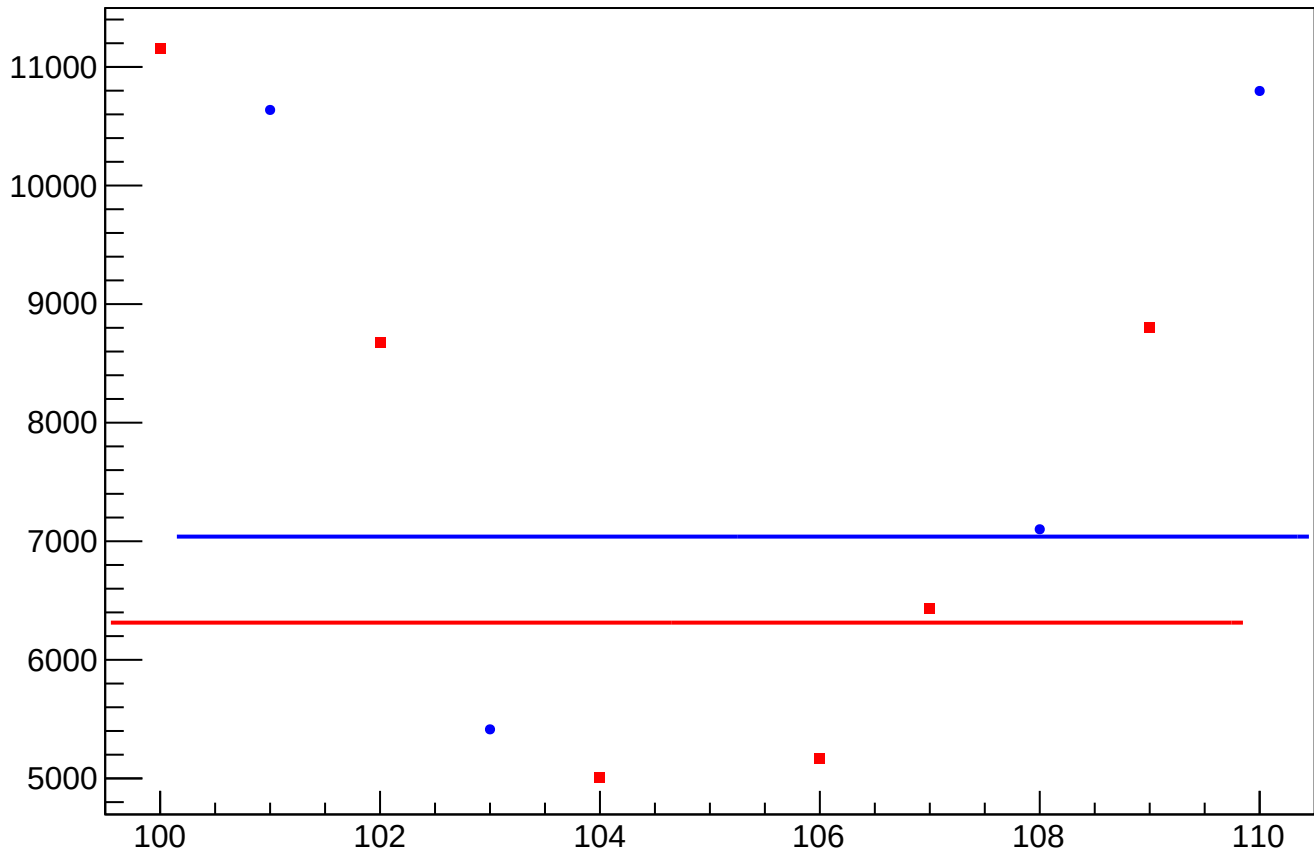
Right: 3648.835+/-3380.366 χ^2/NDF : 10.9/9

In: 9012.215+/-5169.655 χ^2/NDF : 4.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3648.835+/-3380.366 χ^2/NDF : 10.9/9

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7039.246+/-3.655 χ^2/NDF : 350119.0/3

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

Right Out: 6313.694+/-3.159 χ^2/NDF : 285300.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

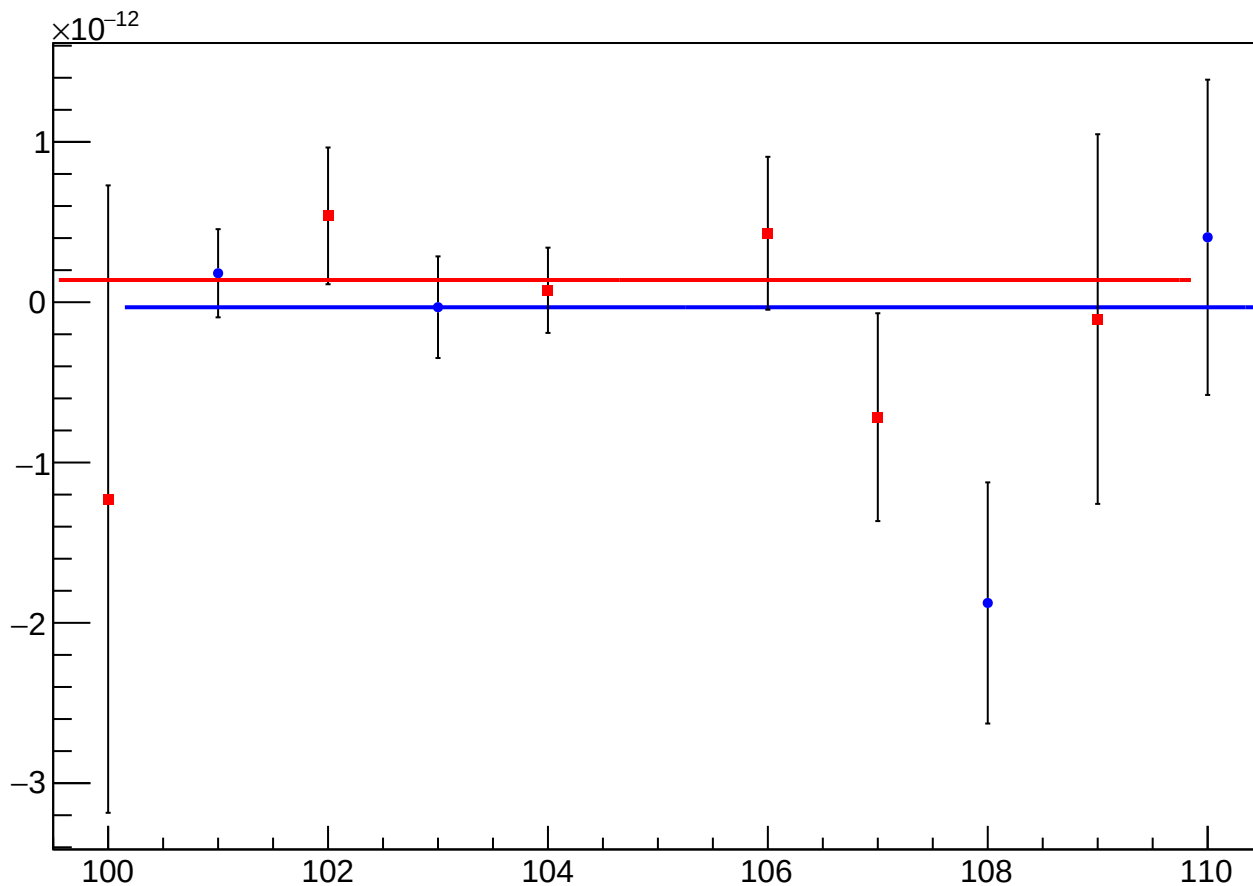
Right: 6623.902+/-2.390 χ^2/NDF : 657971.4/9

In: 7039.246+/-3.655 χ^2/NDF :350119.0/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6623.902+/-2.390 χ^2/NDF : 657971.4/9

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.8/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

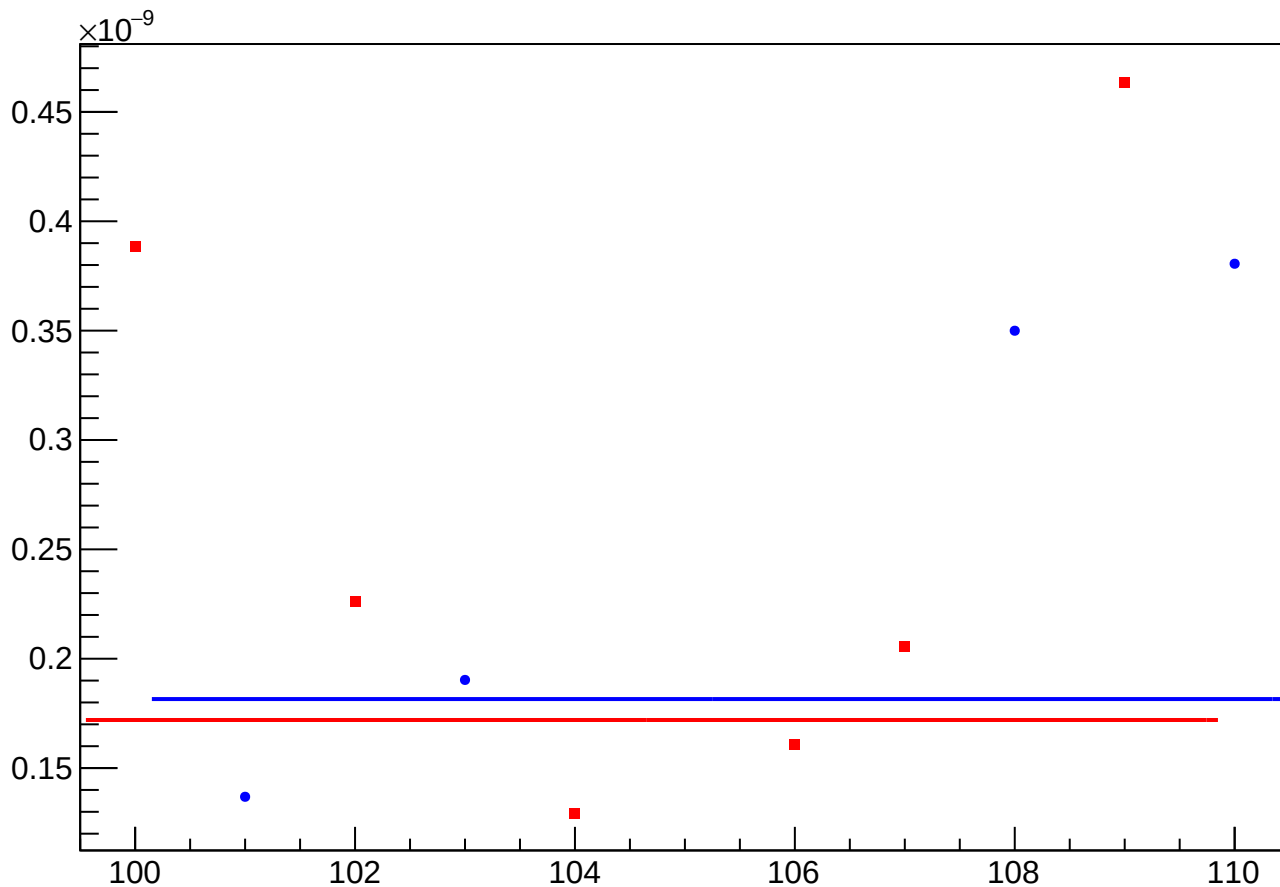
Right: 0.000+/-0.000 χ^2/NDF : 10.8/9

In: -0.000+/-0.000 χ^2/NDF : 6.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.8/9

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 236510.9/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 242328.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

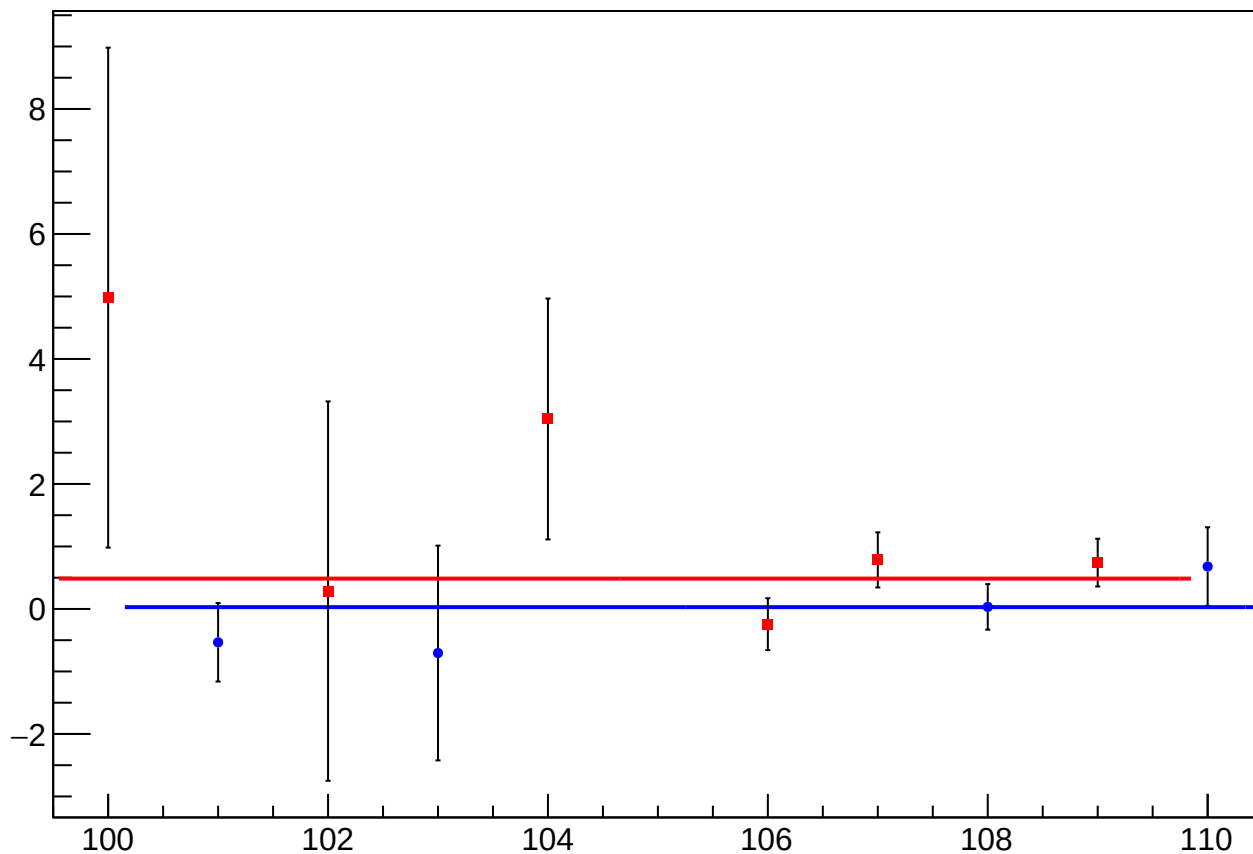
Right: 0.000+/-0.000 χ^2/NDF : 481283.4/9

In: 0.000+/-0.000 χ^2/NDF : 236510.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 481283.4/9

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.278 χ^2 /NDF: 2.1/3

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

Right Out: 0.486 $\pm$ 0.234 χ^2 /NDF: 7.0/5

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

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

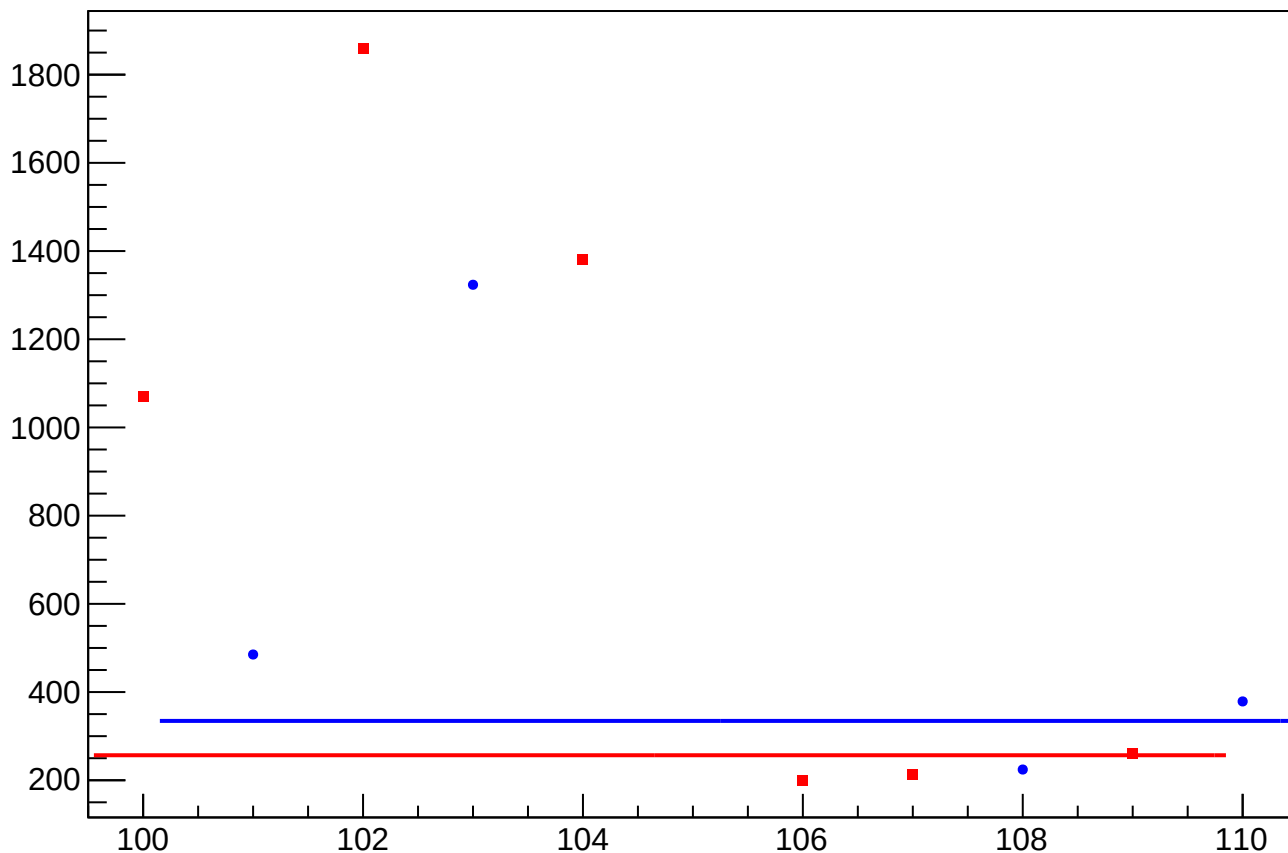
Right: 0.296 $\pm$ 0.179 χ^2 /NDF: 10.6/9

In: 0.029 $\pm$ 0.278 χ^2 /NDF:2.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.296 $\pm$ 0.179 χ^2 /NDF: 10.6/9

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 334.579+/-0.197 χ^2/NDF : 970436.5/3

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

Right Out: 256.729+/-0.166 χ^2/NDF : 1379907.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

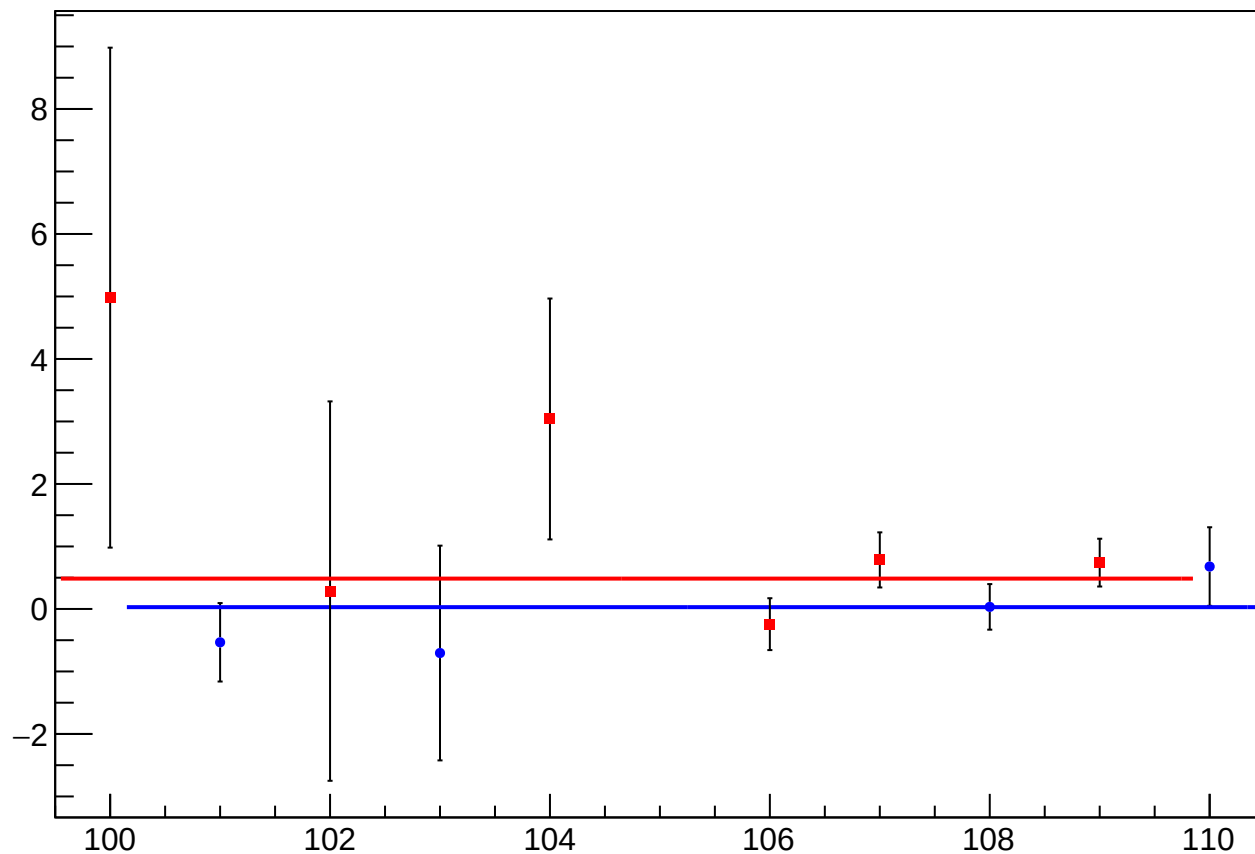
Right: 289.021+/-0.127 χ^2/NDF : 2442028.0/9

In: 334.579+/-0.197 χ^2/NDF : 970436.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.021+/-0.127 χ^2/NDF : 2442028.0/9

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.278 χ^2/NDF : 2.1/3

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

Right Out: 0.486+/-0.234 χ^2/NDF : 7.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

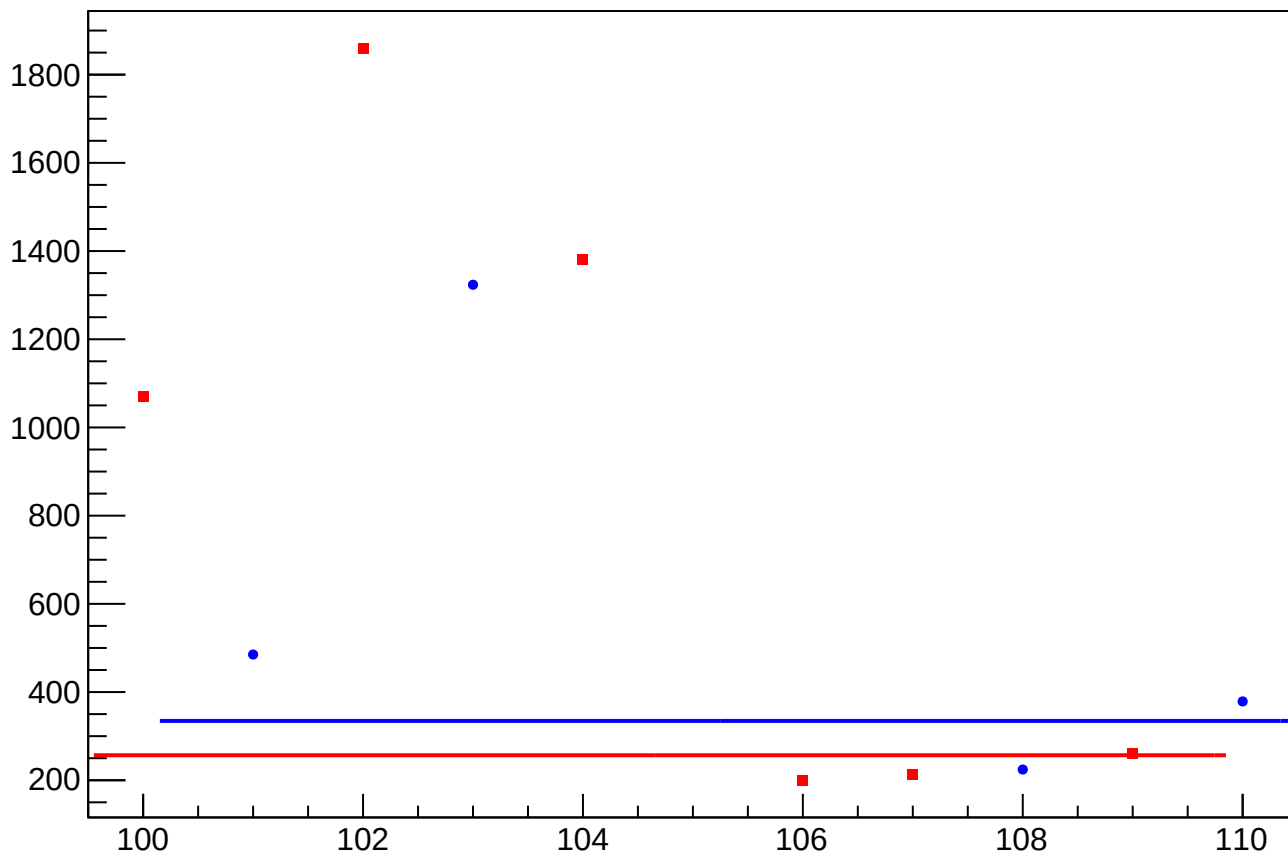
Right: 0.296+/-0.179 χ^2/NDF : 10.6/9

In: 0.029+/-0.278 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.296+/-0.179 χ^2/NDF : 10.6/9

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 334.579+/-0.197 χ^2/NDF : 970436.5/3

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

Right Out: 256.729+/-0.166 χ^2/NDF : 1379907.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

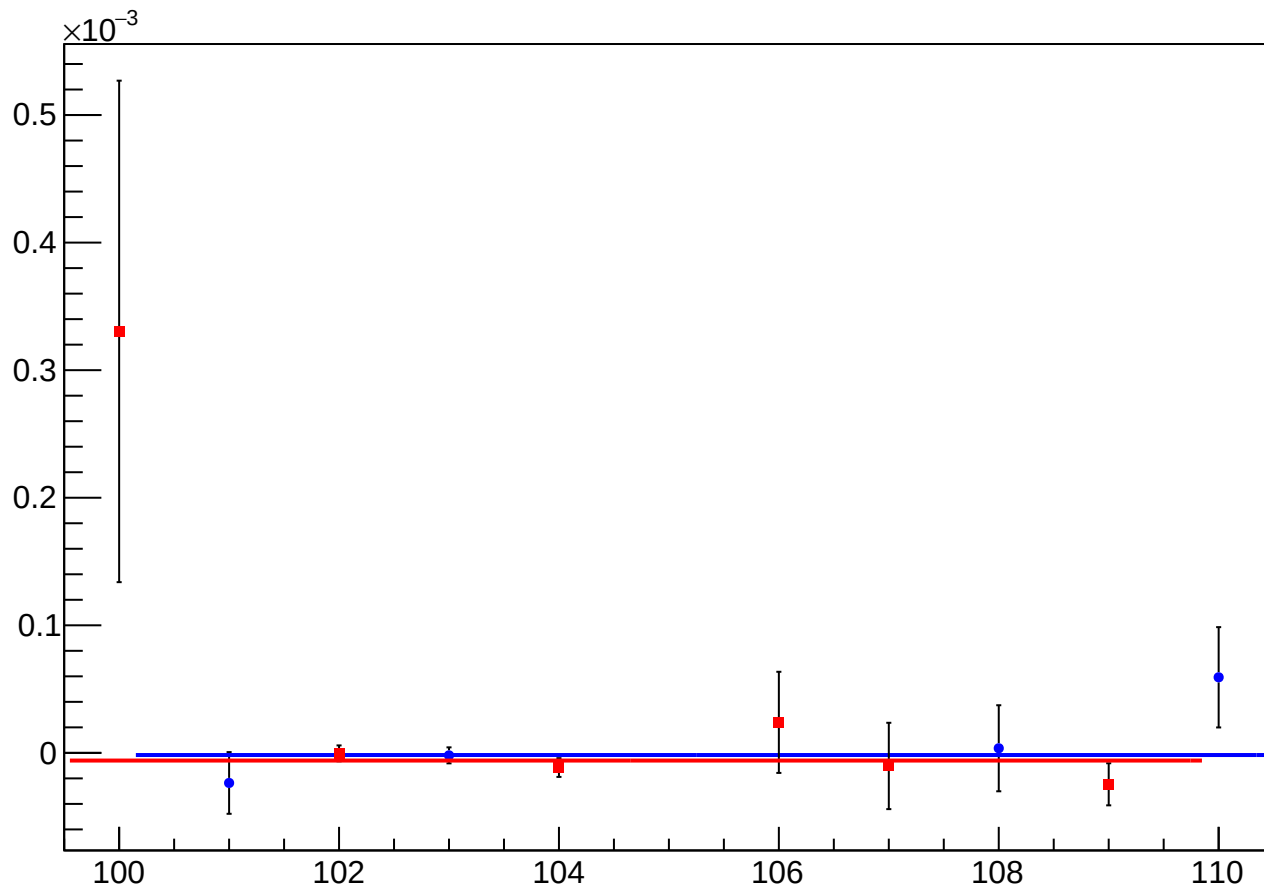
Right: 289.021+/-0.127 χ^2/NDF : 2442028.0/9

In: 334.579+/-0.197 χ^2/NDF : 970436.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.021+/-0.127 χ^2/NDF : 2442028.0/9

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/3

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

Right Out: -0.000+/-0.000 χ^2/NDF : 6.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

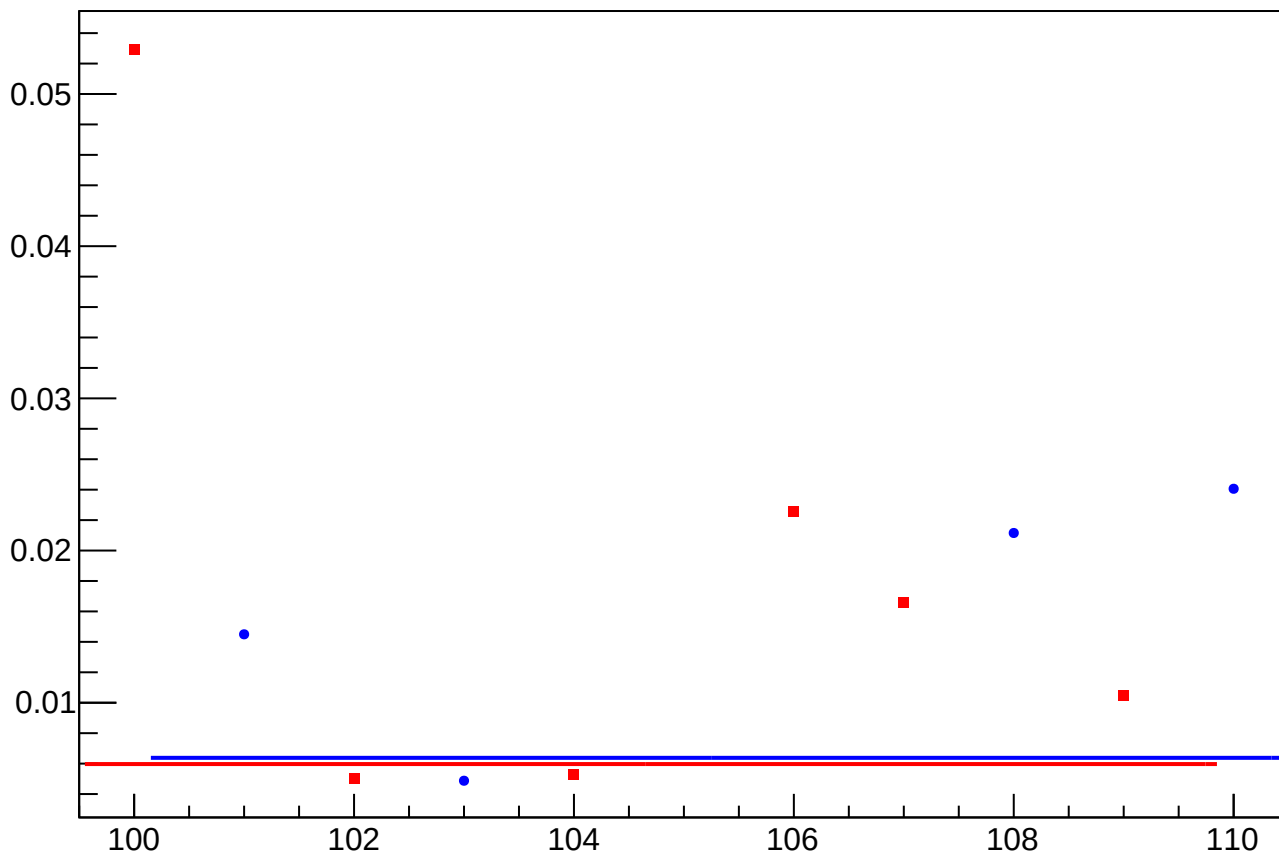
Right: -0.000+/-0.000 χ^2/NDF : 9.8/9

In: -0.000+/-0.000 χ^2/NDF : 3.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.8/9

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1128943.1/3

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

Right Out: 0.006+/-0.000 χ^2/NDF : 877088.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

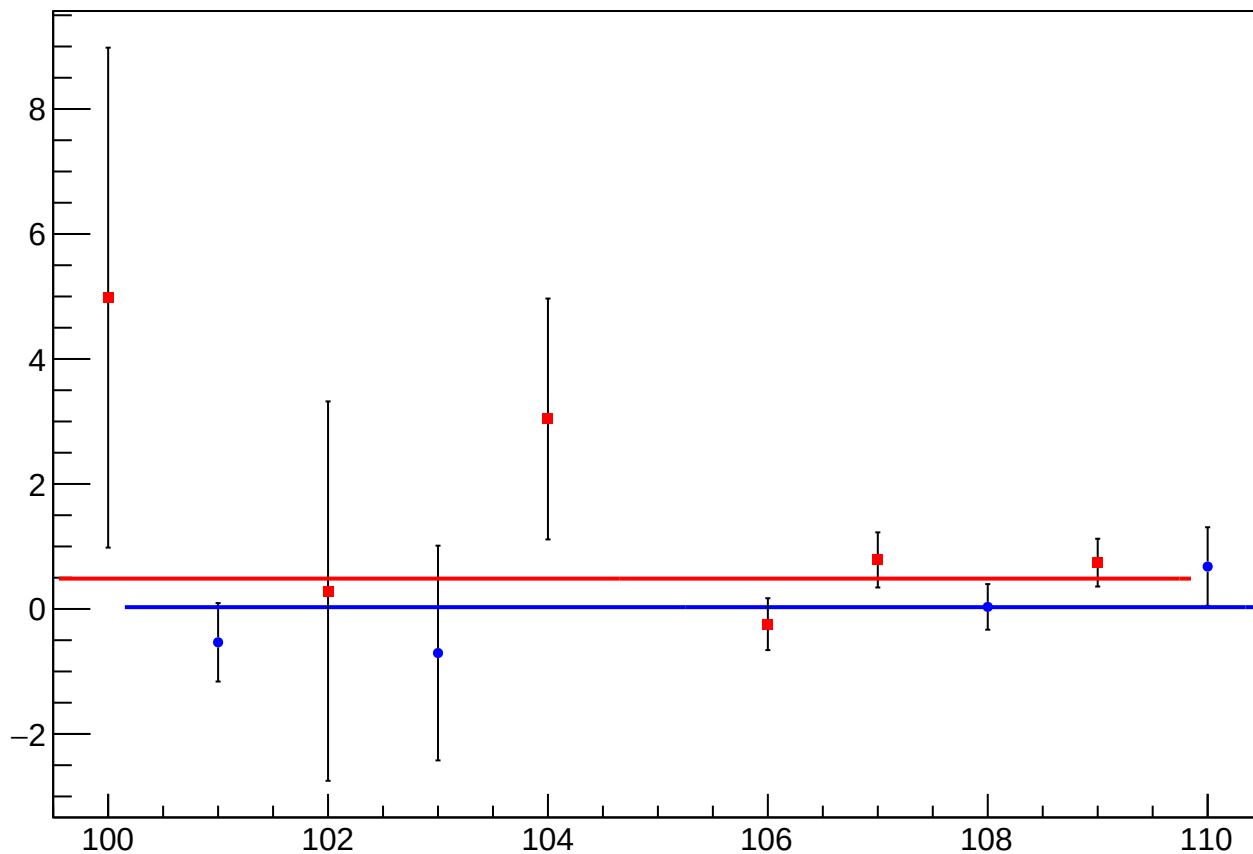
Right: 0.006+/-0.000 χ^2/NDF : 2012126.4/9

In: 0.006+/-0.000 χ^2/NDF : 1128943.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2012126.4/9

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.278 χ^2/NDF : 2.1/3

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

Right Out: 0.486+/-0.234 χ^2/NDF : 7.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

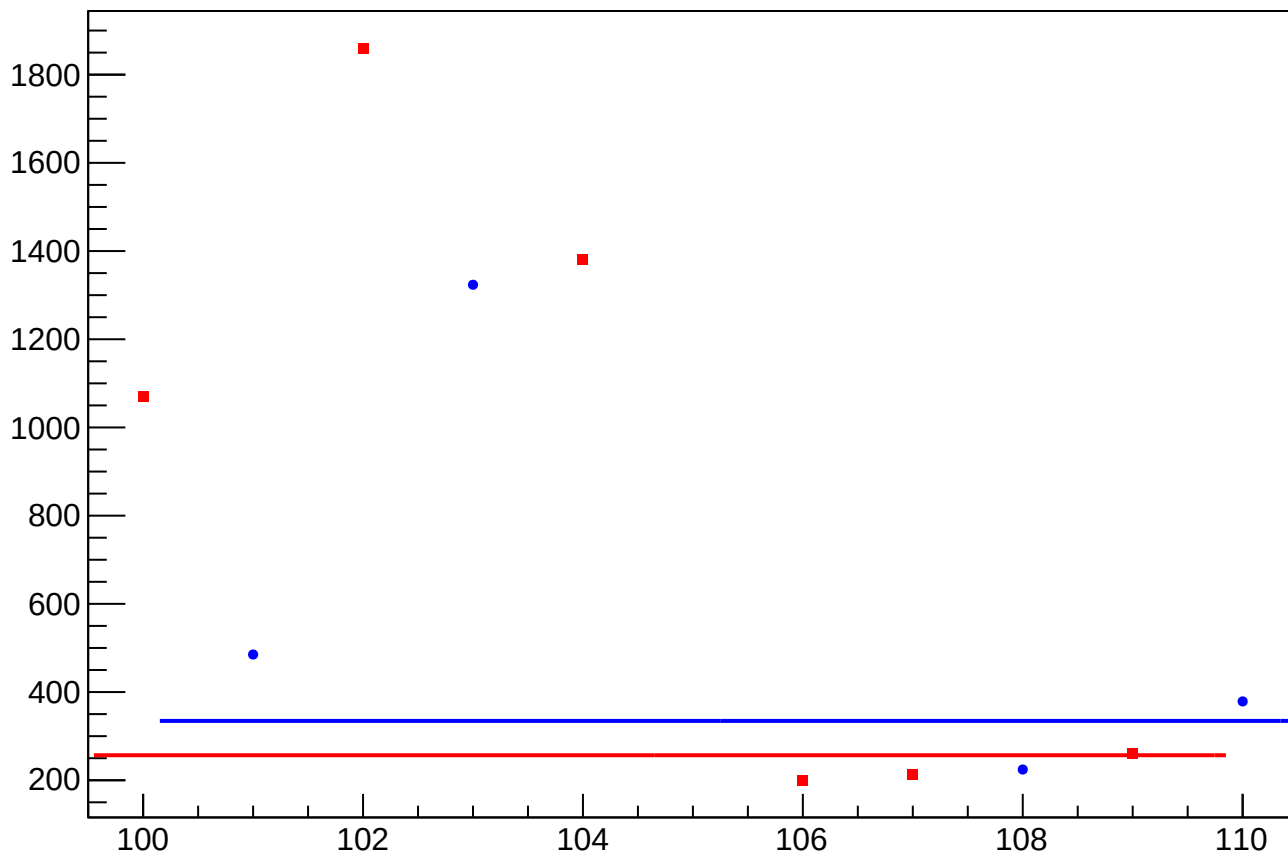
Right: 0.296+/-0.179 χ^2/NDF : 10.6/9

In: 0.029+/-0.278 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.296+/-0.179 χ^2/NDF : 10.6/9

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 334.574+/-0.197 χ^2/NDF : 970463.1/3

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

Right Out: 256.729+/-0.166 χ^2/NDF : 1379909.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

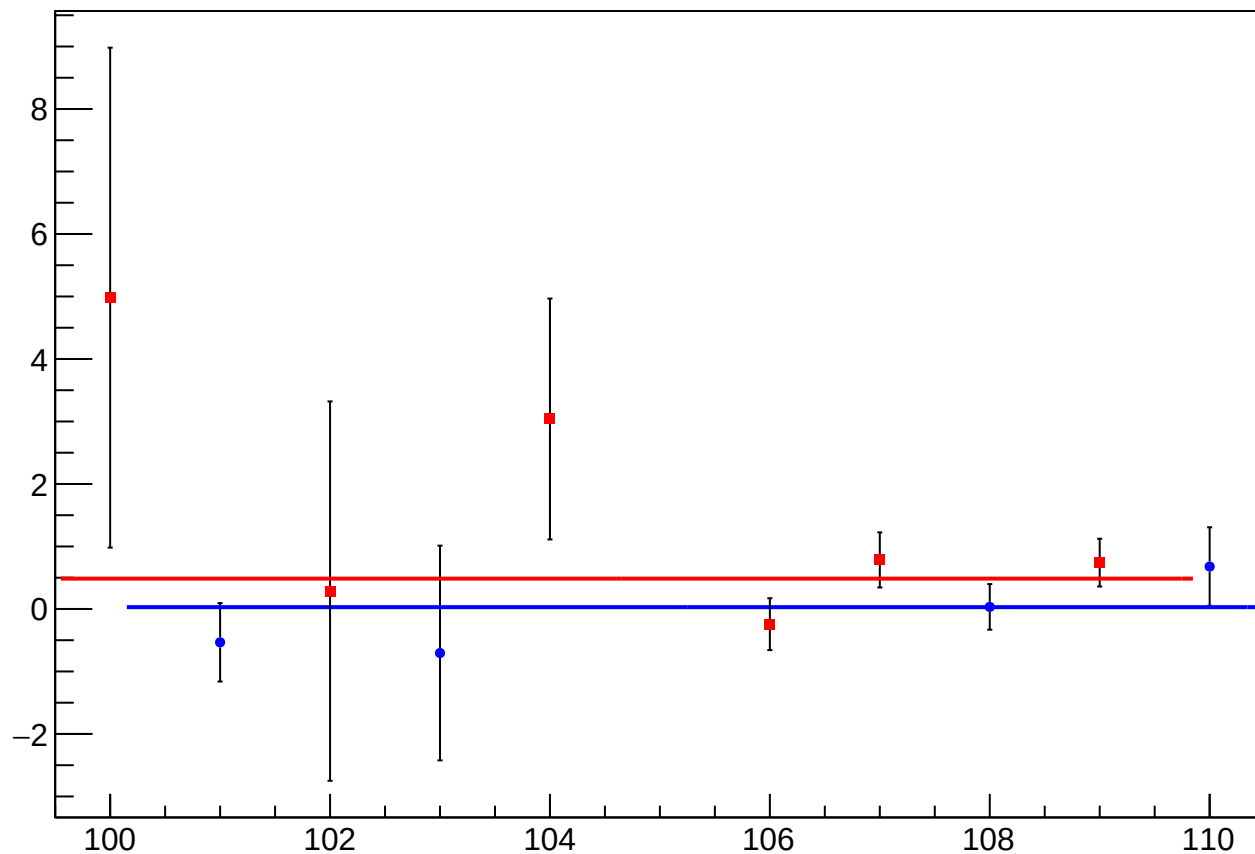
Right: 289.019+/-0.127 χ^2/NDF : 2442048.2/9

In: 334.574+/-0.197 χ^2/NDF : 970463.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.019+/-0.127 χ^2/NDF : 2442048.2/9

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.278 χ^2/NDF : 2.1/3

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

Right Out: 0.486+/-0.234 χ^2/NDF : 7.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

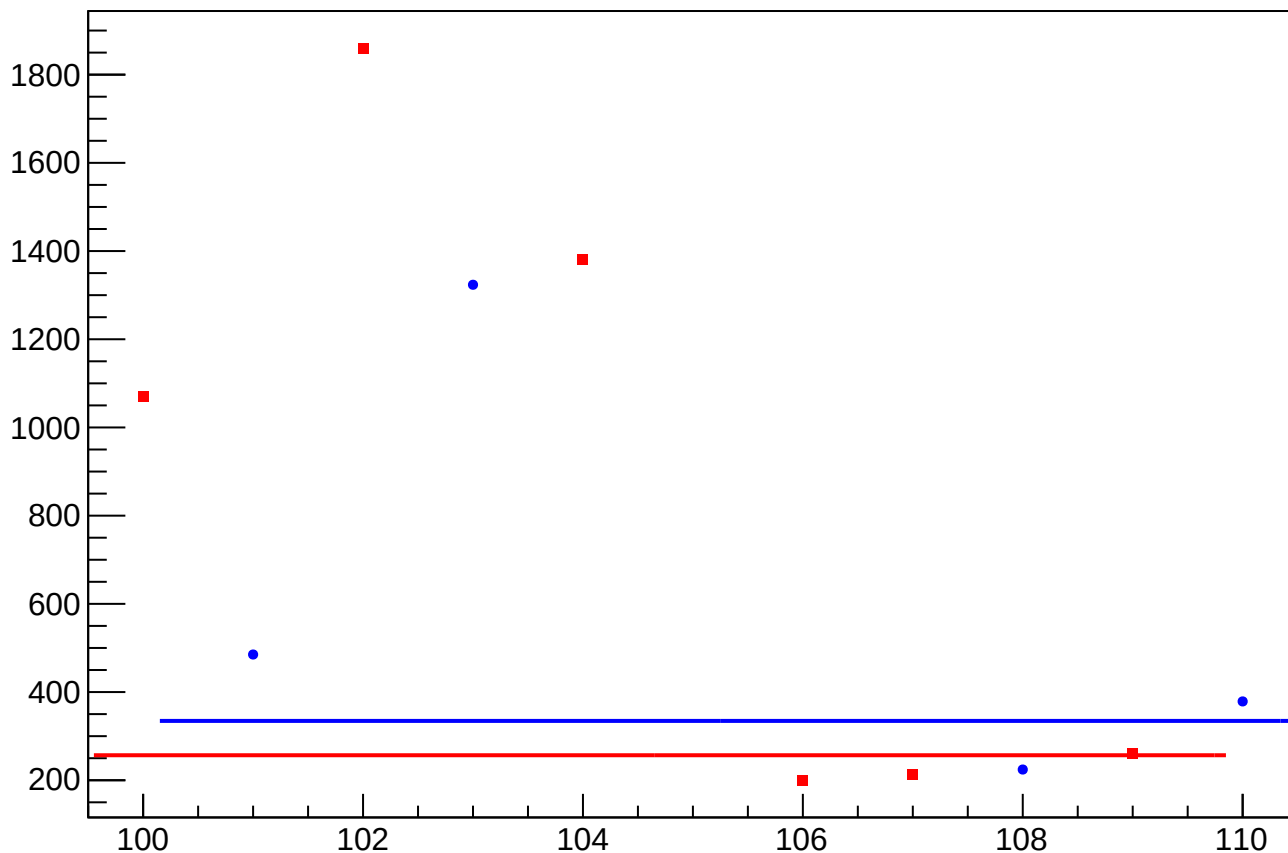
Right: 0.296+/-0.179 χ^2/NDF : 10.6/9

In: 0.029+/-0.278 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.296+/-0.179 χ^2/NDF : 10.6/9

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 334.574+/-0.197 χ^2/NDF : 970463.1/3

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

Right Out: 256.729+/-0.166 χ^2/NDF : 1379909.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

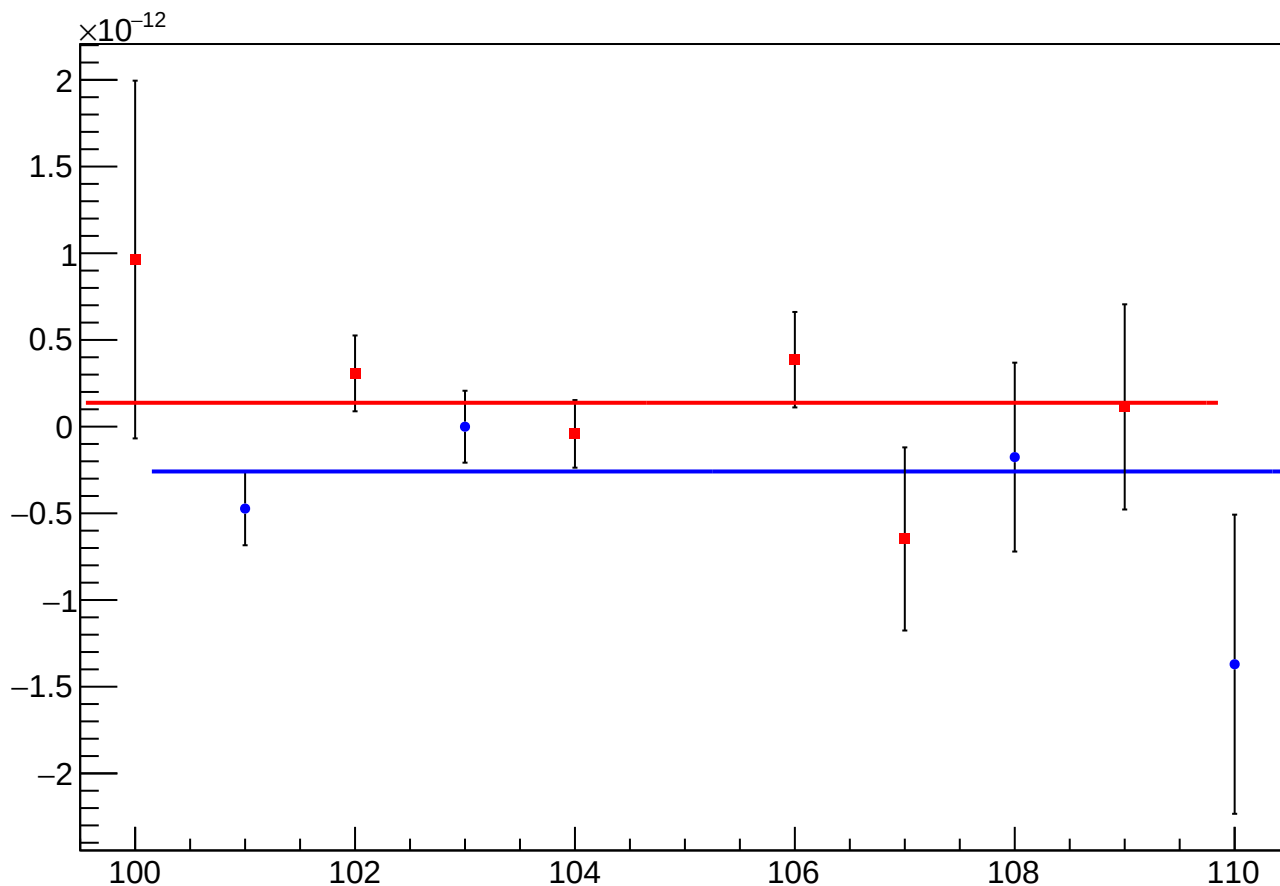
Right: 289.019+/-0.127 χ^2/NDF : 2442048.2/9

In: 334.574+/-0.197 χ^2/NDF : 970463.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.019+/-0.127 χ^2/NDF : 2442048.2/9

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

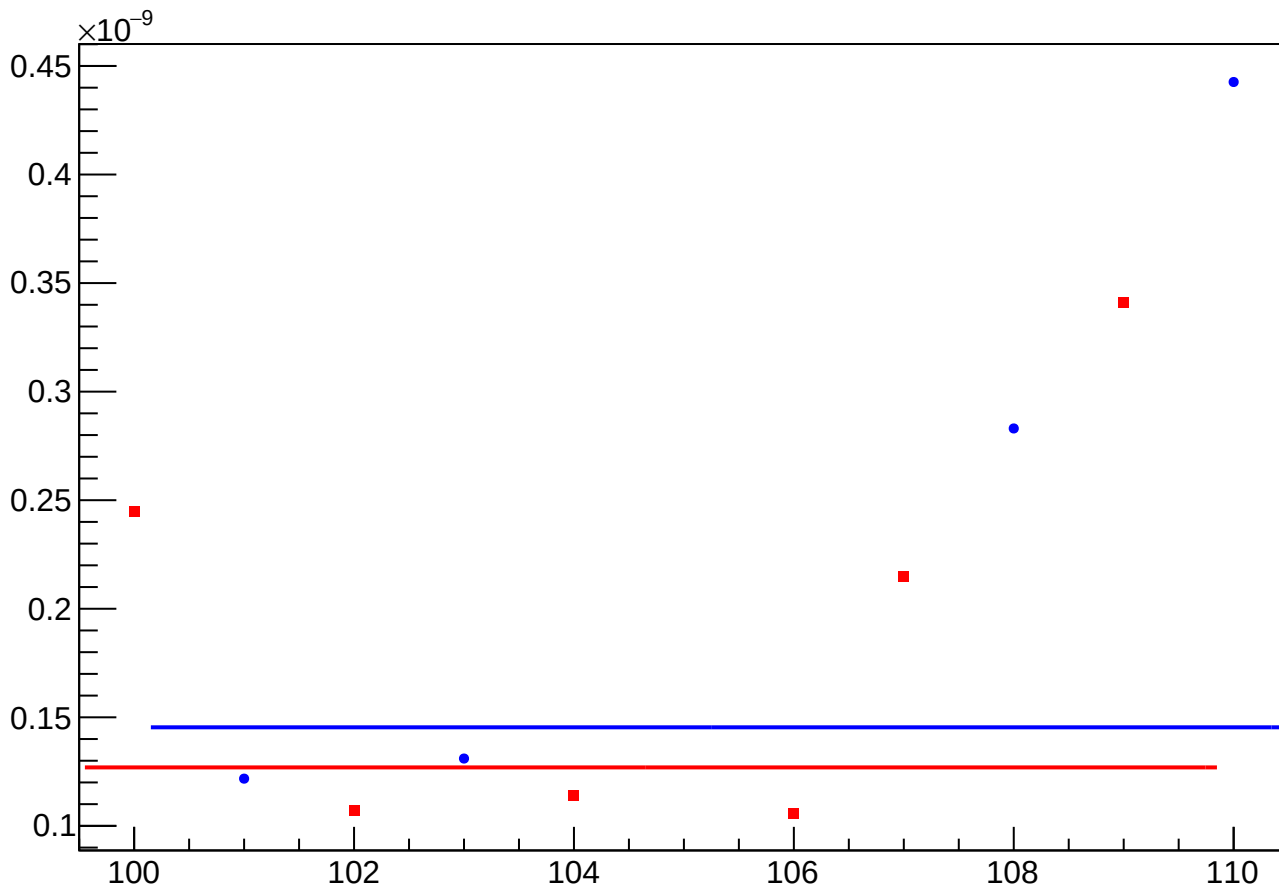
Right: -0.000+/-0.000 χ^2/NDF : 13.9/9

In: -0.000+/-0.000 χ^2/NDF : 4.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.9/9

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 399765.0/3

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

Right Out: 0.000+/-0.000 χ^2/NDF : 380483.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

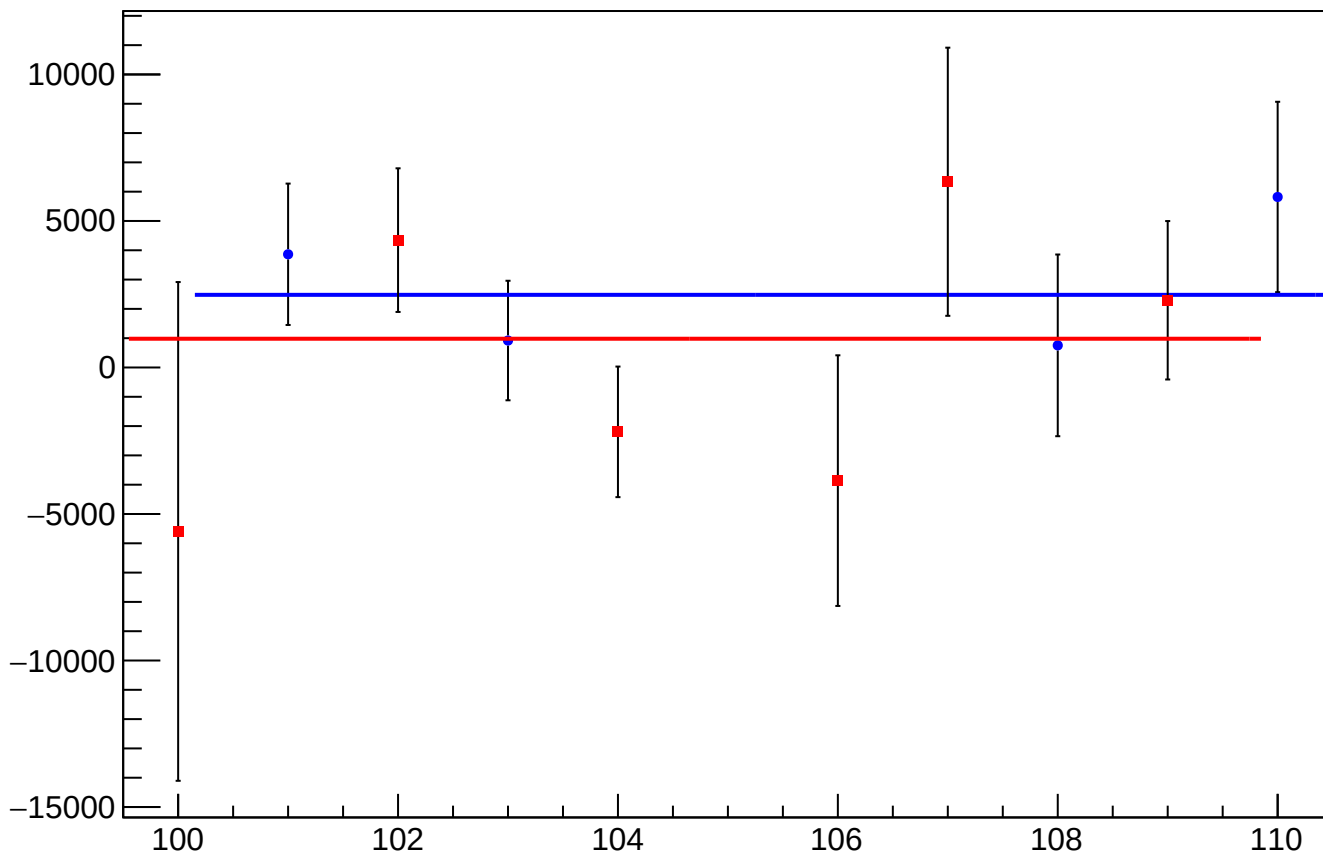
Right: 0.000+/-0.000 χ^2/NDF : 799949.0/9

In: 0.000+/-0.000 χ^2/NDF : 399765.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 799949.0/9

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2479.149+/-1279.307 χ^2/NDF : 2.3/3

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

Right Out: 981.113+/-1268.956 χ^2/NDF : 7.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

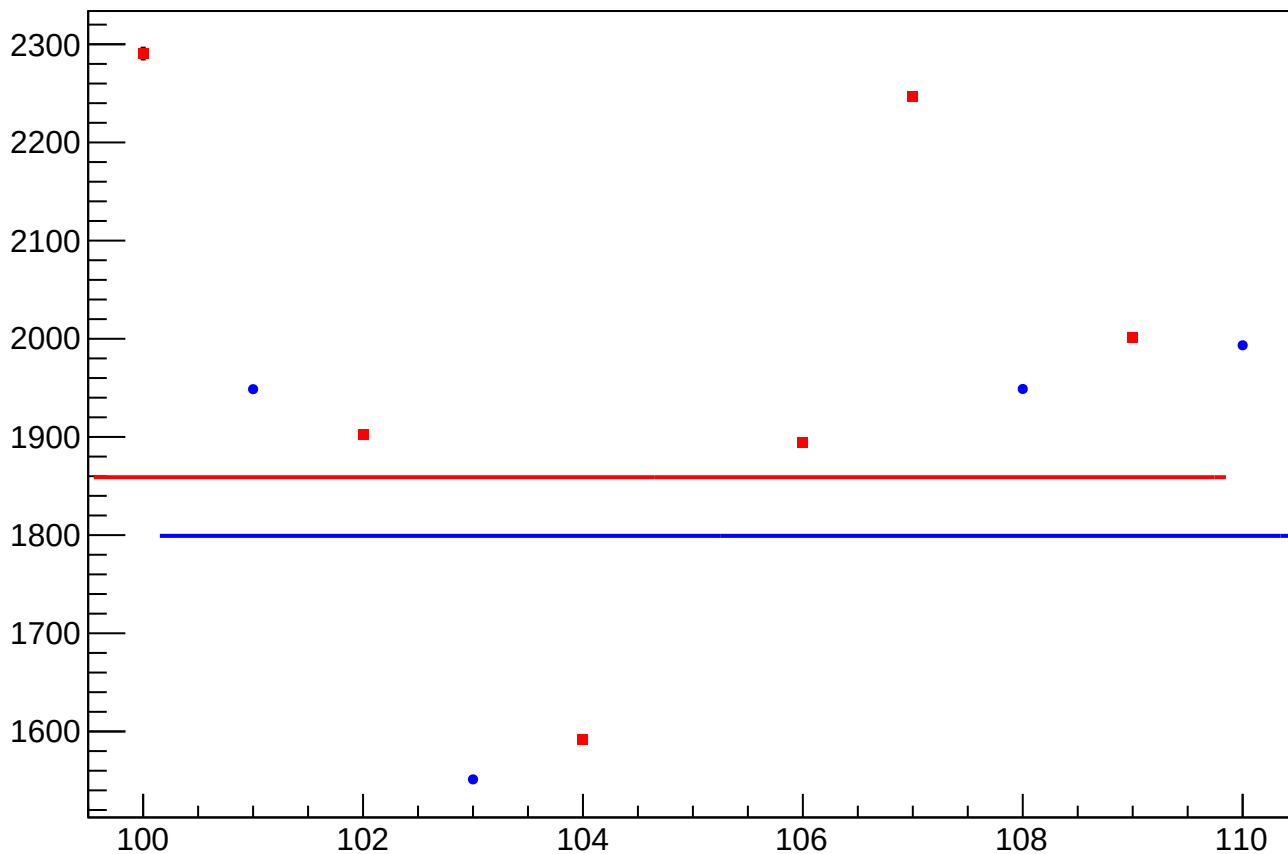
Right: 1724.046+/-900.925 χ^2/NDF : 10.4/9

In: 2479.149+/-1279.307 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.046+/-900.925 χ^2/NDF : 10.4/9

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1799.244+/-0.905 χ^2/NDF : 49057.8/3

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

Right Out: 1858.997+/-0.881 χ^2/NDF : 54676.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

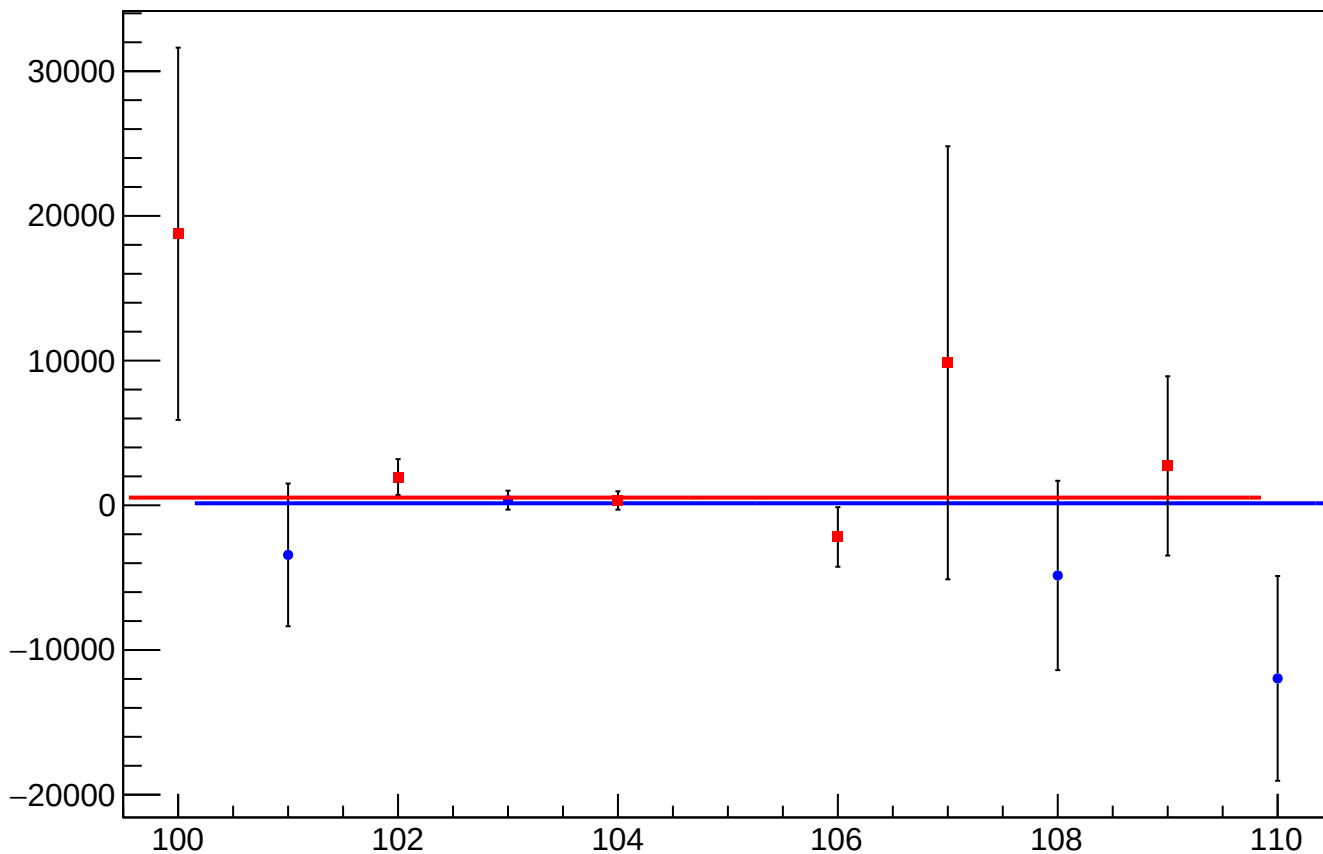
Right: 1829.908+/-0.631 χ^2/NDF : 105972.9/9

In: 1799.244+/-0.905 χ^2/NDF : 49057.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1829.908+/-0.631 χ^2/NDF : 105972.9/9

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 140.041+/-642.487 χ^2/NDF : 4.1/3

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

Right Out: 532.575+/-541.450 χ^2/NDF : 5.7/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

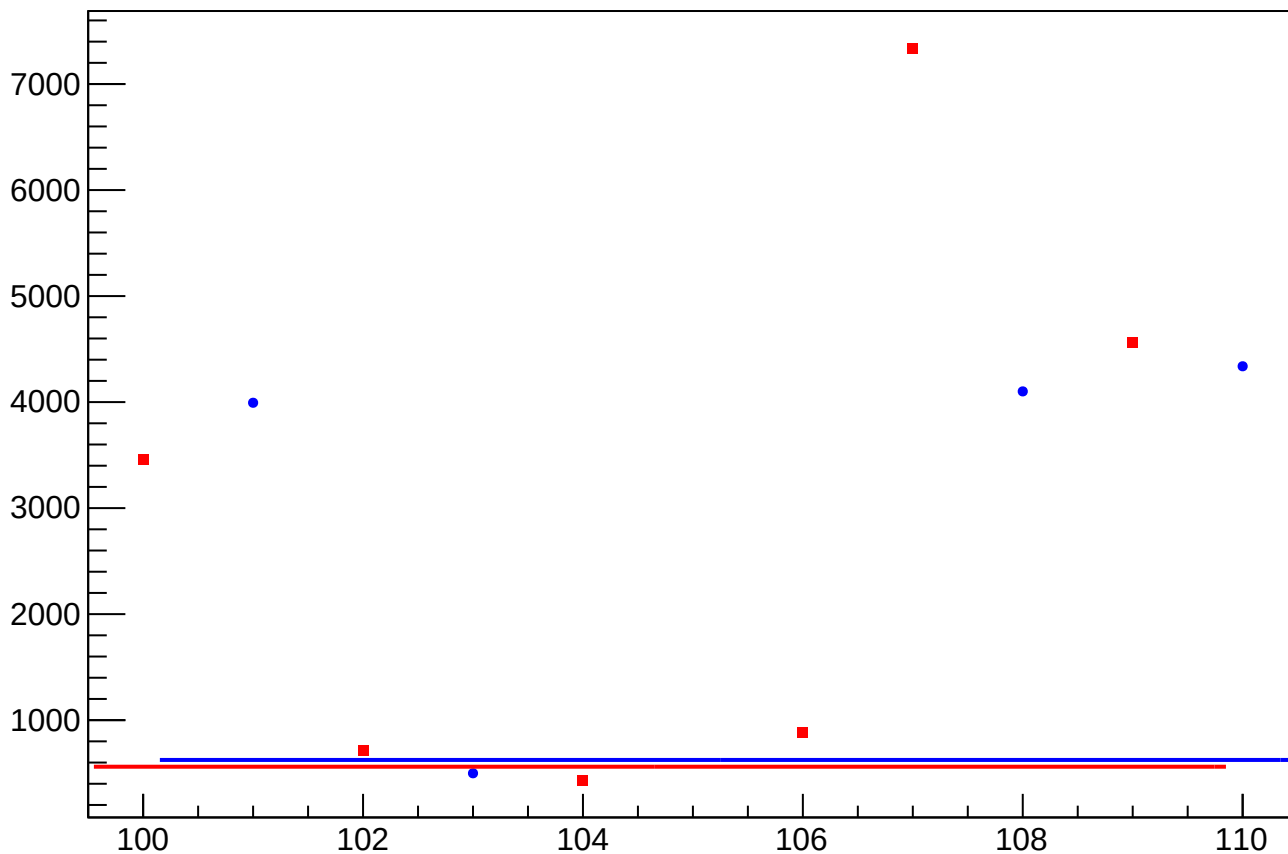
Right: 369.565+/-414.031 χ^2/NDF : 10.0/9

In: 140.041+/-642.487 χ^2/NDF :4.1/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 369.565+/-414.031 χ^2/NDF : 10.0/9

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 624.620+/-0.454 χ^2/NDF : 2122722.0/3

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

Right Out: 560.777+/-0.383 χ^2/NDF : 1514248.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

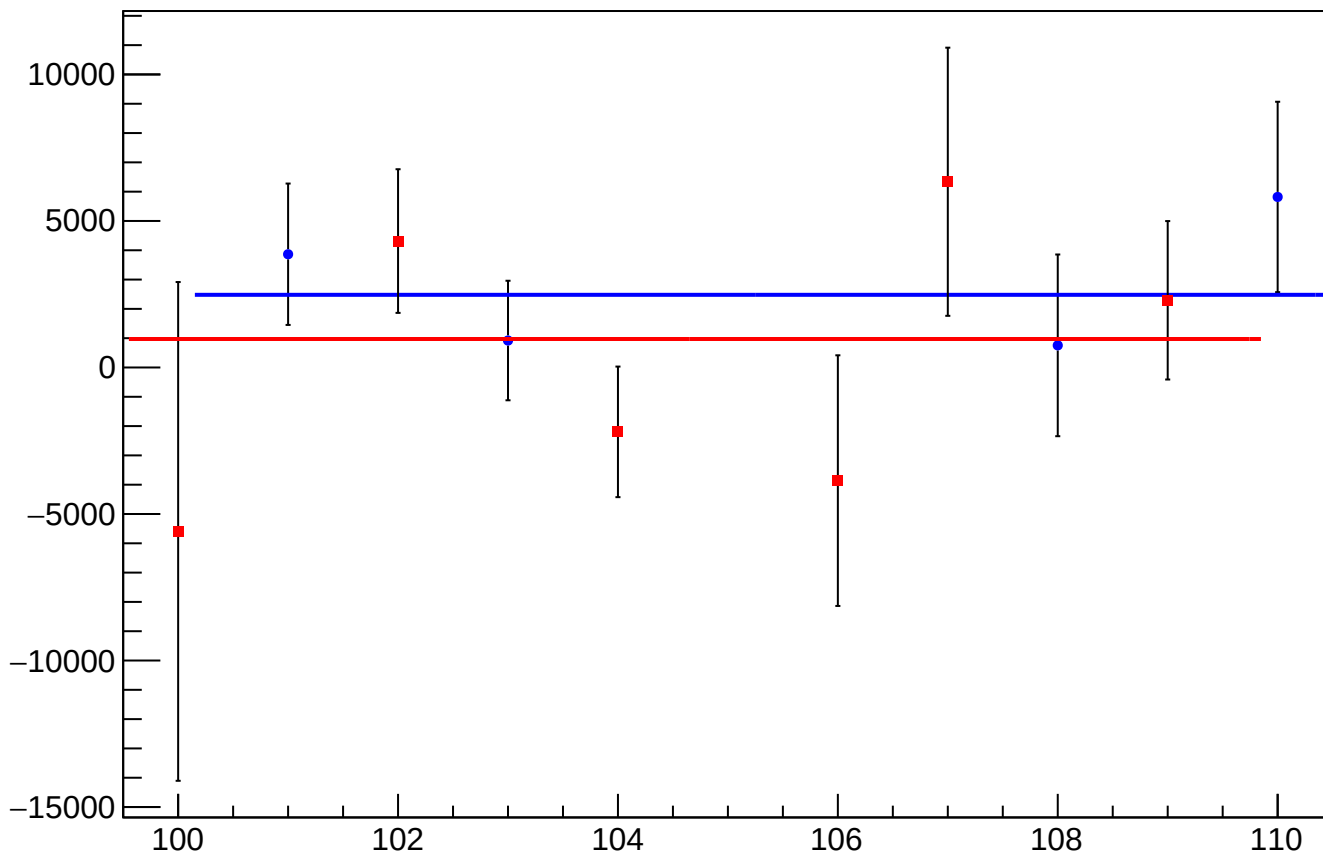
Right: 587.290+/-0.293 χ^2/NDF : 3648518.0/9

In: 624.620+/-0.454 χ^2/NDF : 2122722.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 587.290+/-0.293 χ^2/NDF : 3648518.0/9

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2479.692 $\pm$ 1279.307 χ^2 /NDF: 2.3/3

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

Right Out: 971.979 $\pm$ 1268.996 χ^2 /NDF: 7.4/5

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

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

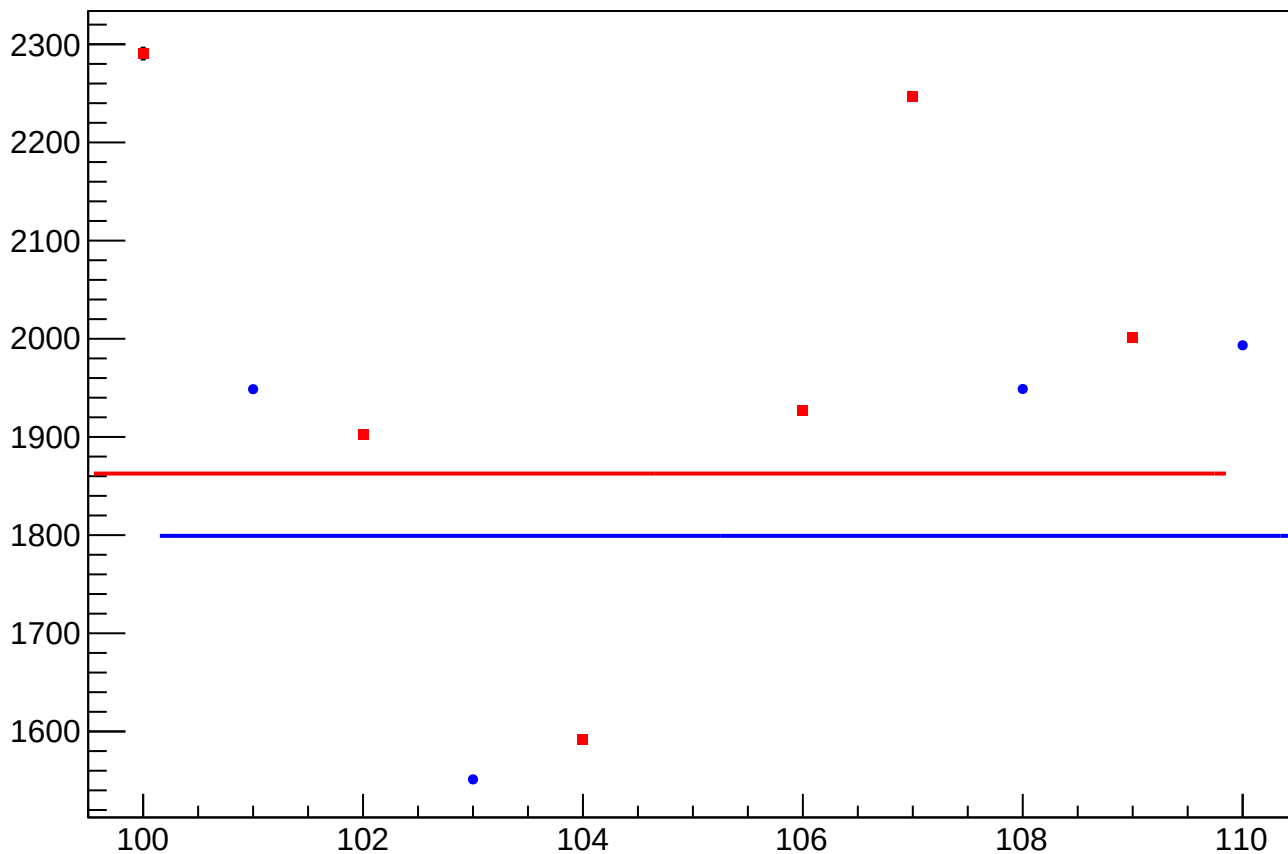
Right: 1719.735 $\pm$ 900.939 χ^2 /NDF: 10.3/9

In: 2479.692 $\pm$ 1279.307 χ^2 /NDF:2.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1719.735 $\pm$ 900.939 χ^2 /NDF: 10.3/9

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1799.244+/-0.905 χ^2/NDF : 49058.0/3

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

Right Out: 1862.705+/-0.883 χ^2/NDF : 55161.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

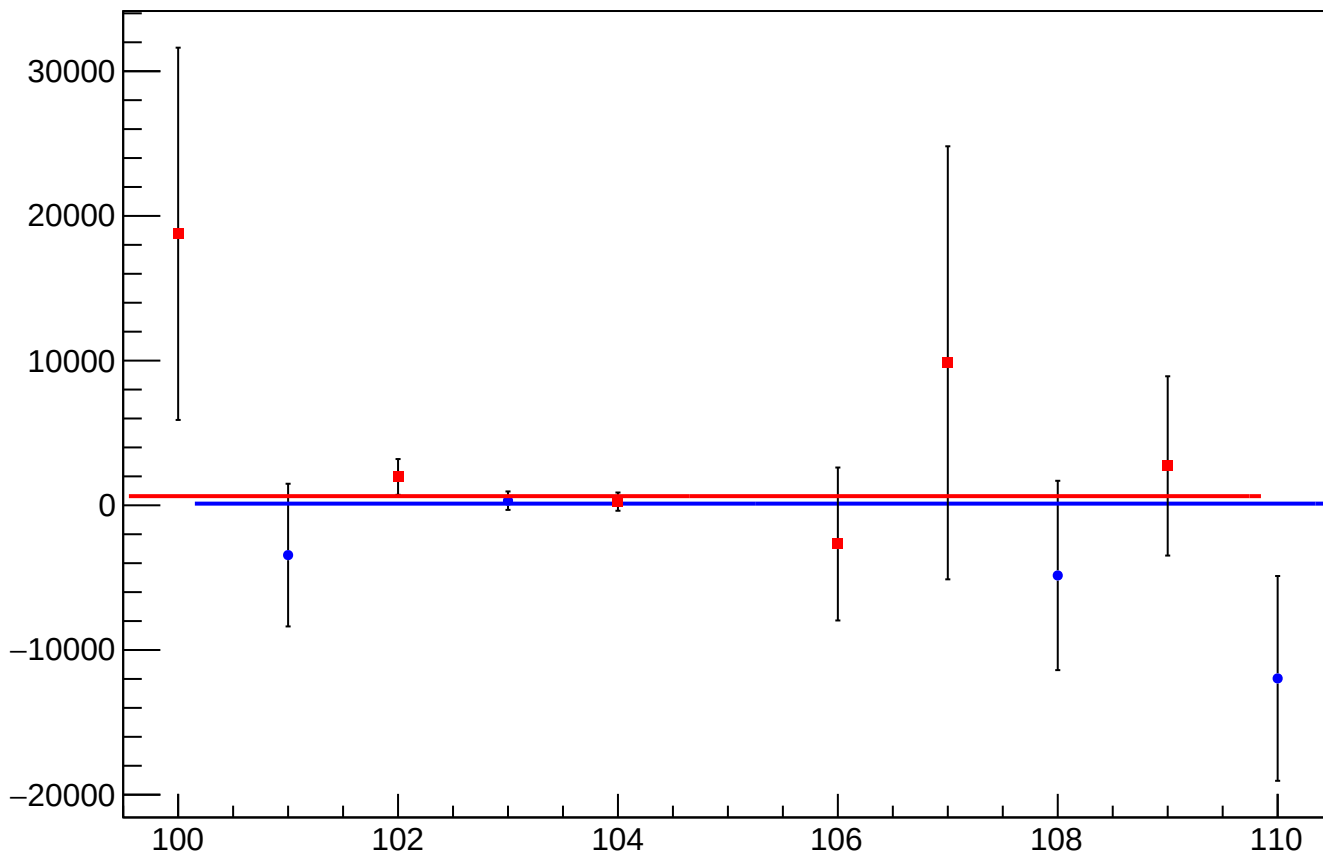
Right: 1831.751+/-0.632 χ^2/NDF : 106740.3/9

In: 1799.244+/-0.905 χ^2/NDF : 49058.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1831.751+/-0.632 χ^2/NDF : 106740.3/9

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 115.924+/-626.882 χ^2/NDF : 4.1/3

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

Right Out: 633.028+/-555.033 χ^2/NDF : 4.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

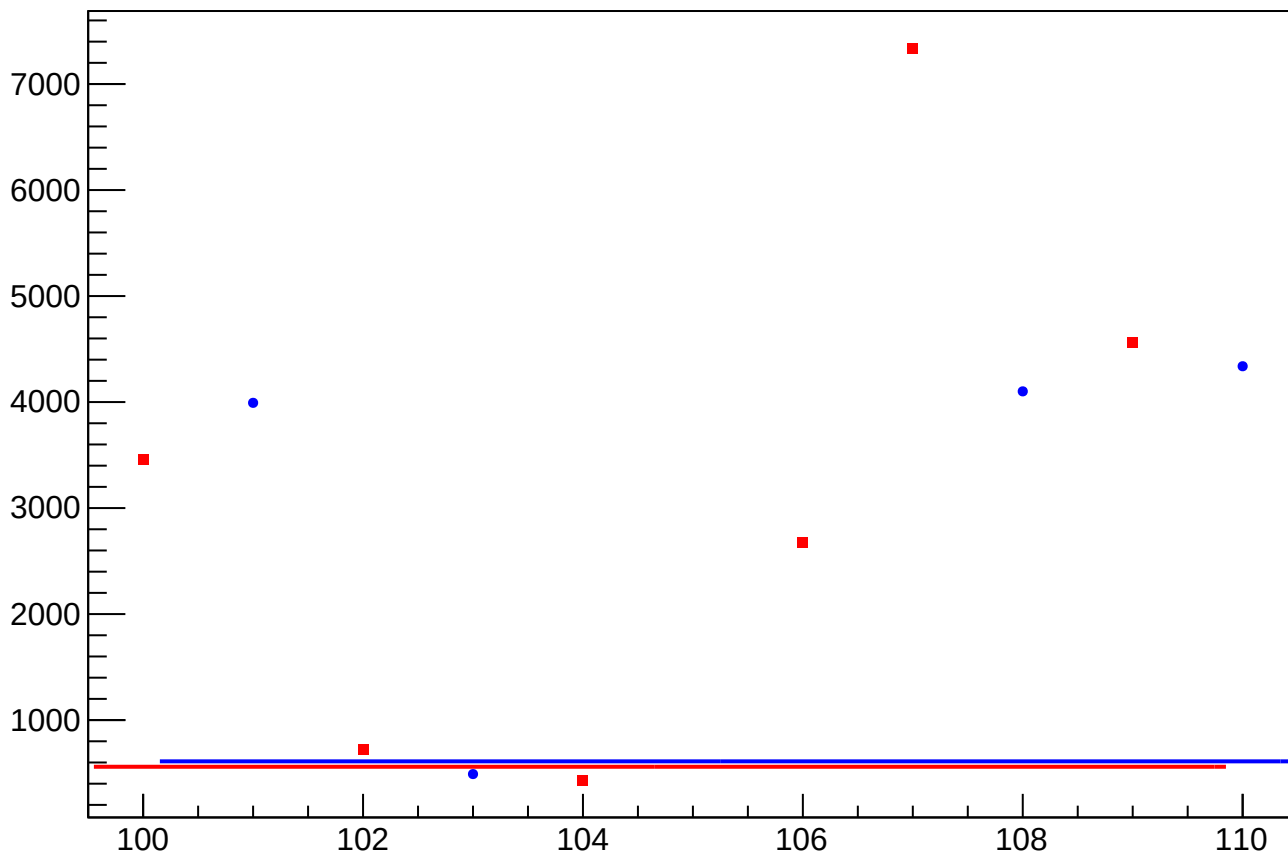
Right: 405.795+/-415.559 χ^2/NDF : 8.9/9

In: 115.924+/-626.882 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 405.795+/-415.559 χ^2/NDF : 8.9/9

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 610.723+/-0.443 χ^2/NDF : 2135906.1/3

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

Right Out: 559.718+/-0.392 χ^2/NDF : 1788600.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

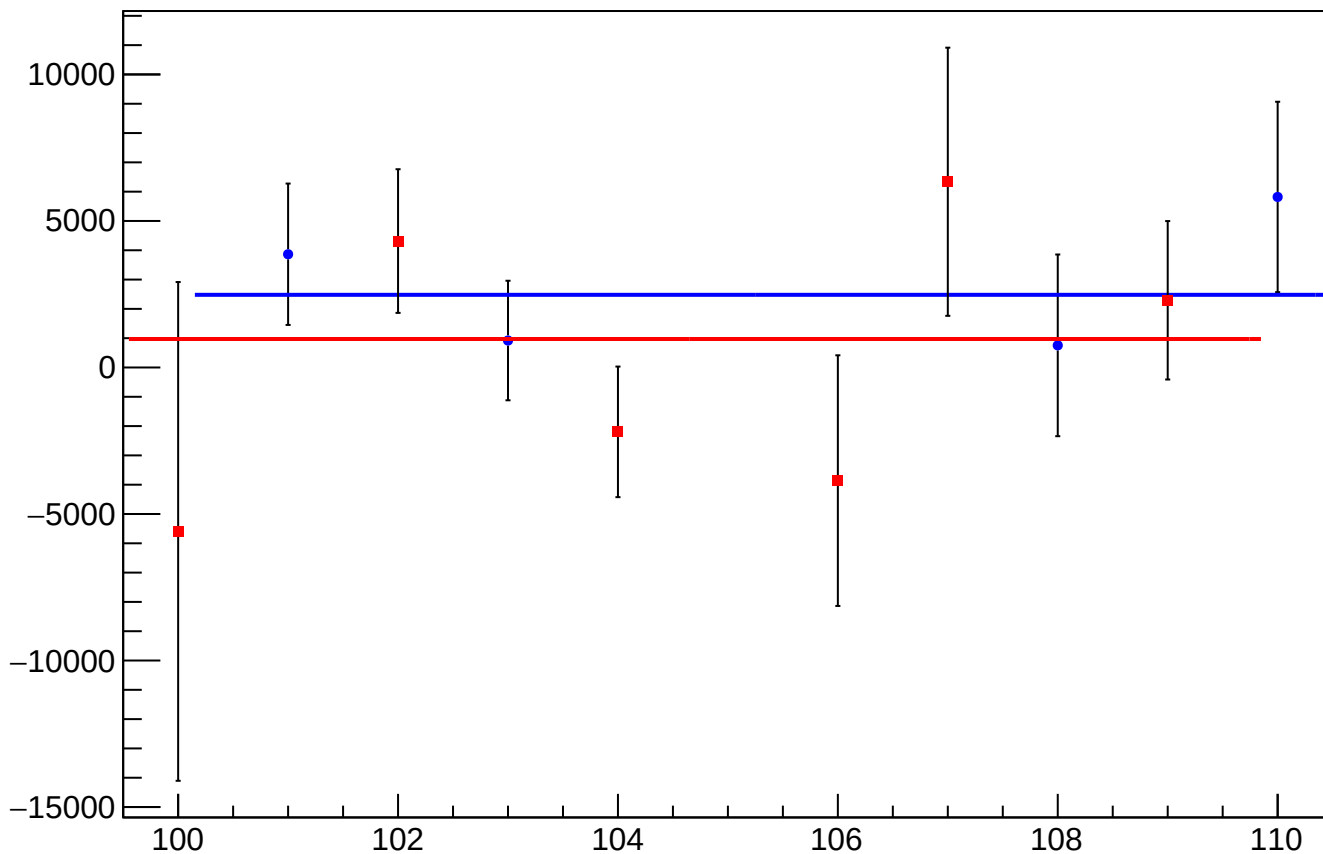
Right: 582.132+/-0.294 χ^2/NDF : 3931928.4/9

In: 610.723+/-0.443 χ^2/NDF : 2135906.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.132+/-0.294 χ^2/NDF : 3931928.4/9

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2479.692 $\pm$ 1279.307 χ^2 /NDF: 2.3/3

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

Right Out: 971.979 $\pm$ 1268.996 χ^2 /NDF: 7.4/5

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

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

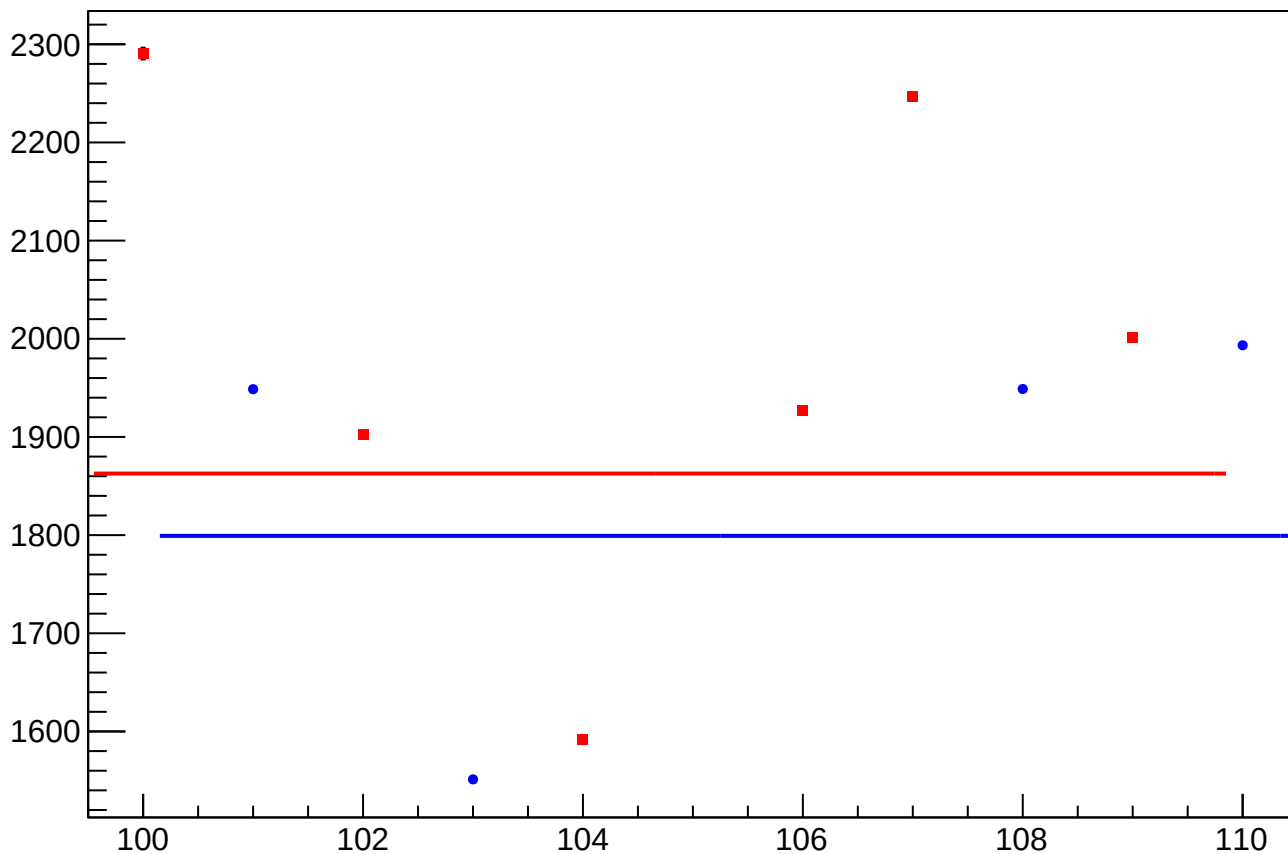
Right: 1719.735 $\pm$ 900.939 χ^2 /NDF: 10.3/9

In: 2479.692 $\pm$ 1279.307 χ^2 /NDF:2.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1719.735 $\pm$ 900.939 χ^2 /NDF: 10.3/9

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1799.244+/-0.905 χ^2/NDF : 49058.0/3

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

Right Out: 1862.705+/-0.883 χ^2/NDF : 55161.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

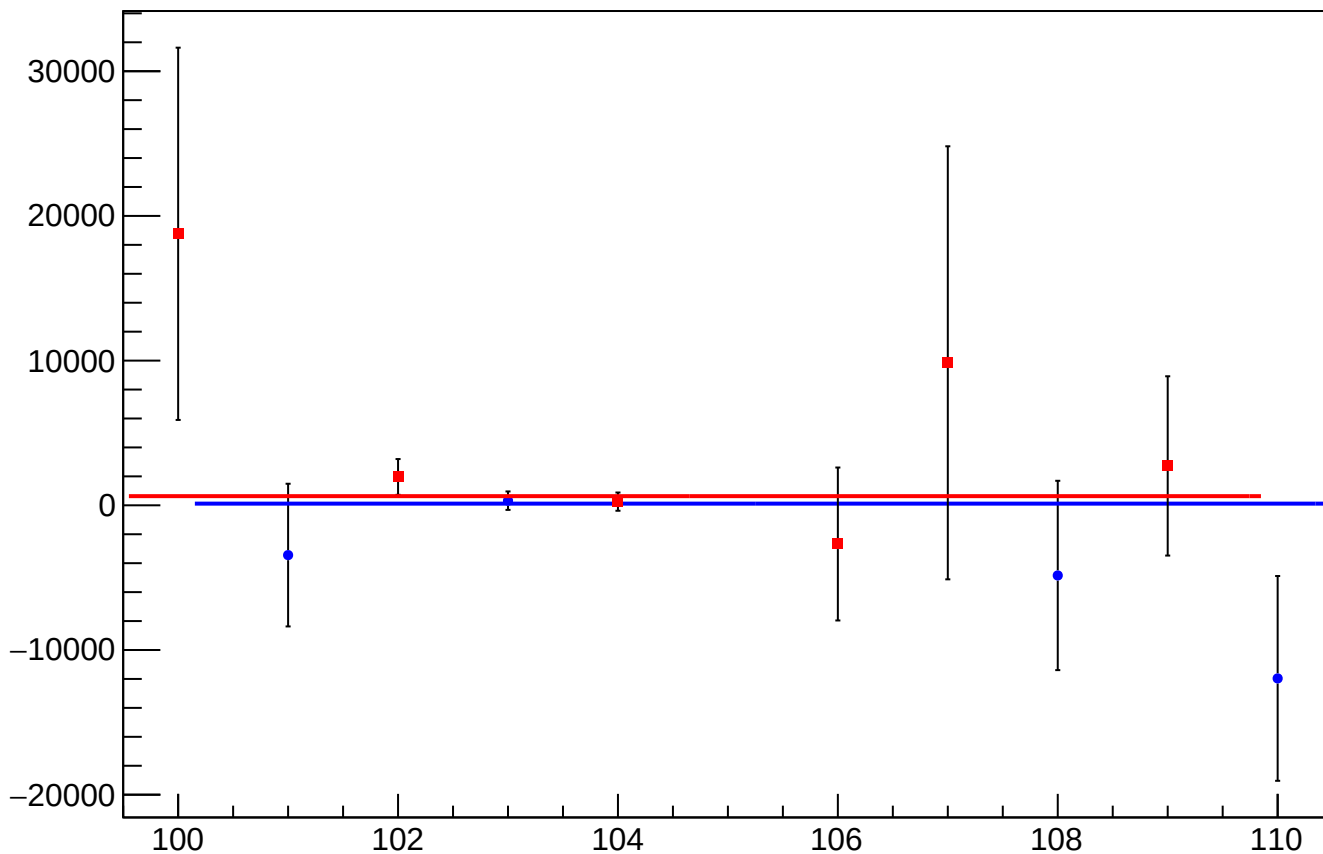
Right: 1831.751+/-0.632 χ^2/NDF : 106740.3/9

In: 1799.244+/-0.905 χ^2/NDF : 49058.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1831.751+/-0.632 χ^2/NDF : 106740.3/9

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 115.924+/-626.882 χ^2/NDF : 4.1/3

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

Right Out: 633.028+/-555.033 χ^2/NDF : 4.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

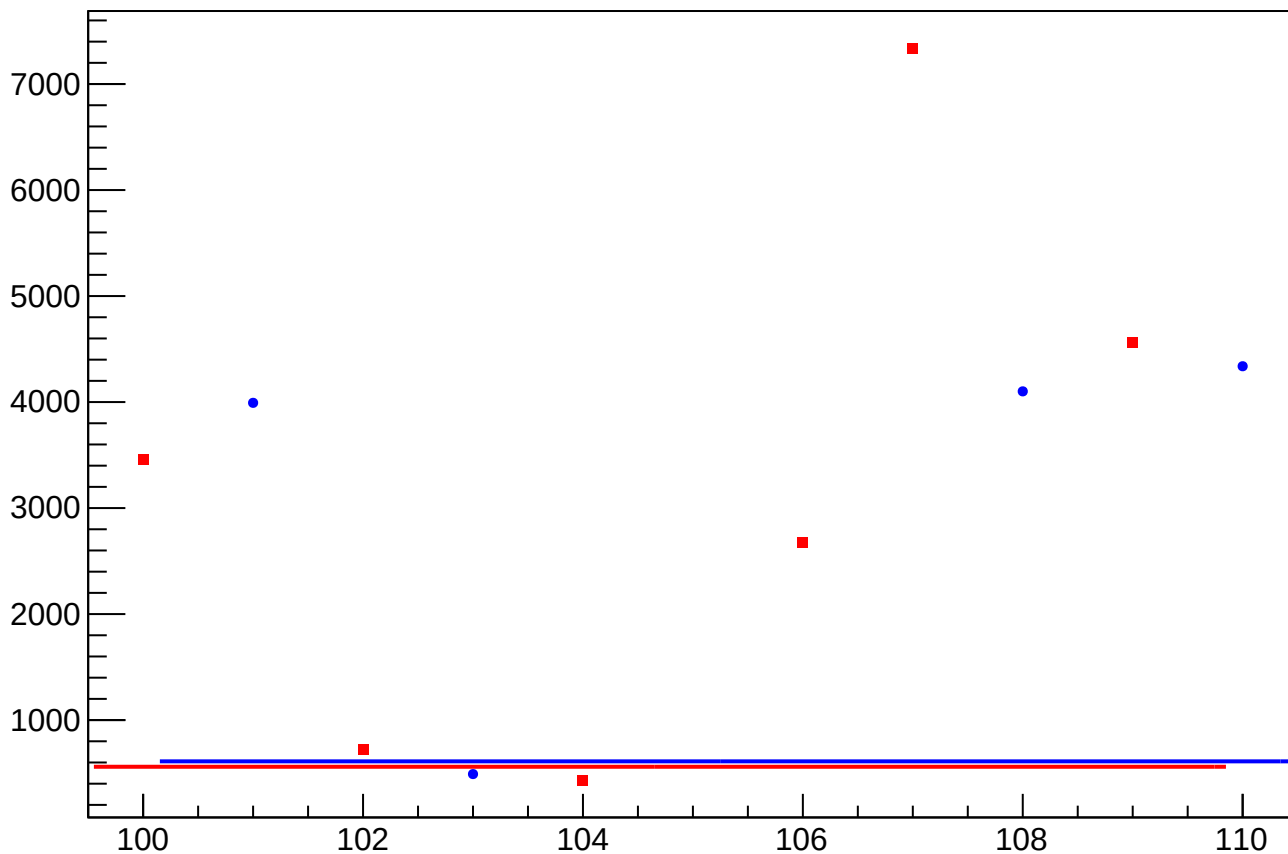
Right: 405.795+/-415.559 χ^2/NDF : 8.9/9

In: 115.924+/-626.882 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 405.795+/-415.559 χ^2/NDF : 8.9/9

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 610.723+/-0.443 χ^2/NDF : 2135906.1/3

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

Right Out: 559.718+/-0.392 χ^2/NDF : 1788600.6/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

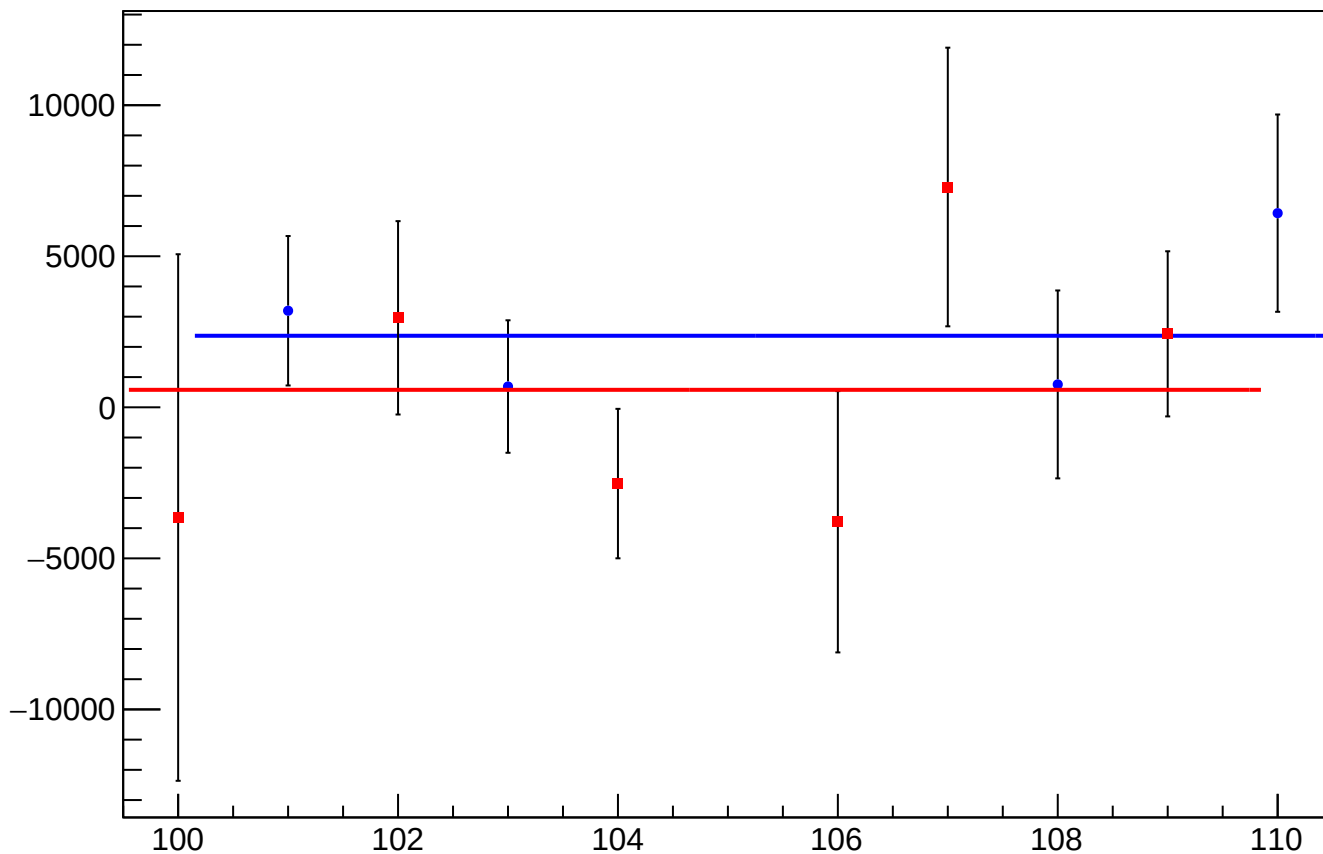
Right: 582.132+/-0.294 χ^2/NDF : 3931928.4/9

In: 610.723+/-0.443 χ^2/NDF : 2135906.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.132+/-0.294 χ^2/NDF : 3931928.4/9

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2368.157+/-1326.118 χ^2/NDF : 2.5/3

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

Right Out: 578.764+/-1402.197 χ^2/NDF : 6.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

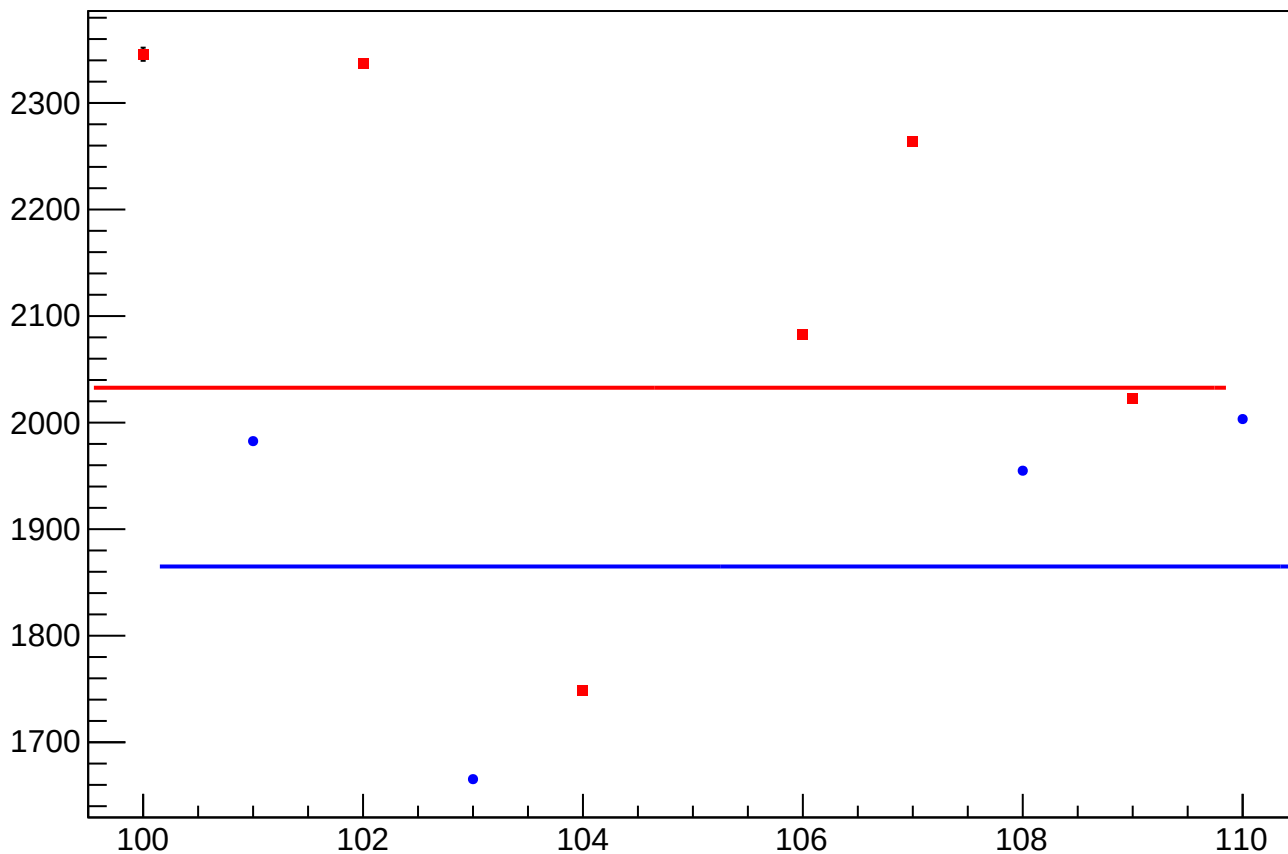
Right: 1523.319+/-963.481 χ^2/NDF : 9.3/9

In: 2368.157+/-1326.118 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.319+/-963.481 χ^2/NDF : 9.3/9

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1864.967+/-0.938 χ^2/NDF : 26359.1/3

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

Right Out: 2032.741+/-0.981 χ^2/NDF : 52413.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

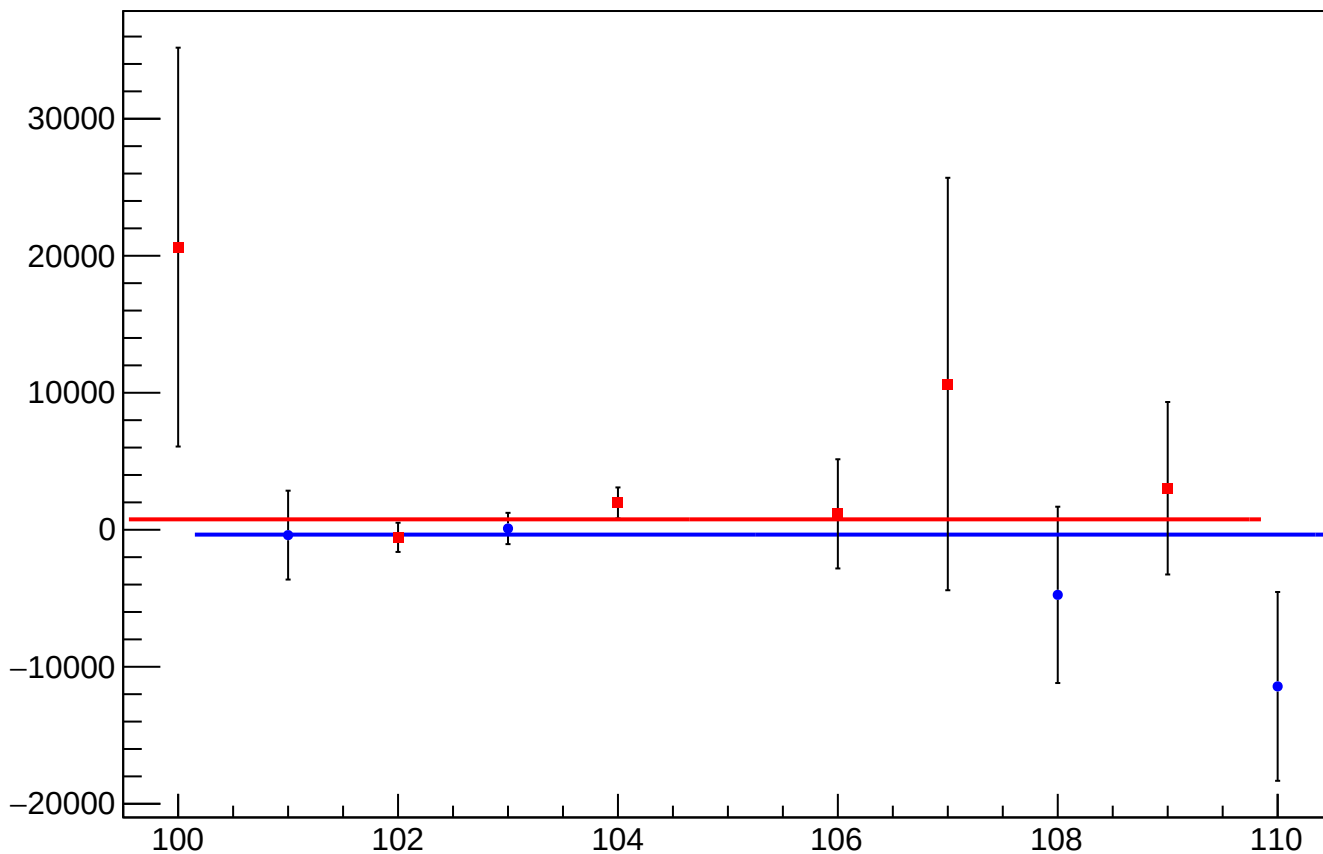
Right: 1945.029+/-0.678 χ^2/NDF : 94049.5/9

In: 1864.967+/-0.938 χ^2/NDF :26359.1/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1945.029+/-0.678 χ^2/NDF : 94049.5/9

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -352.811 ± 1049.414 χ^2/NDF : 3.2/3

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

Right Out: 761.253 ± 753.851 χ^2/NDF : 5.1/5

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

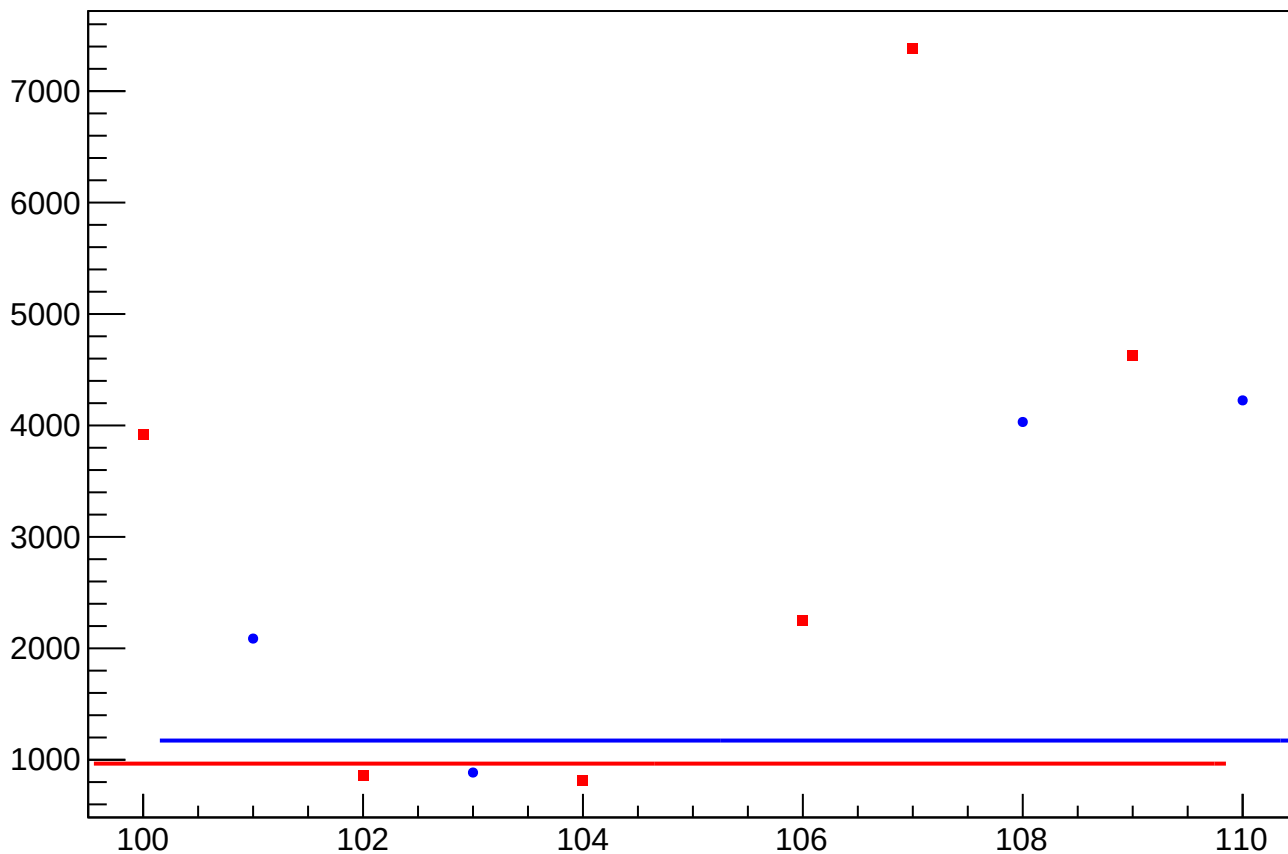
Right: 382.043 ± 612.254 χ^2/NDF : 9.0/9

In: -352.811 ± 1049.414 χ^2/NDF : 3.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 382.043 ± 612.254 χ^2/NDF : 9.0/9

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1172.643+/-0.742 χ^2/NDF : 1072848.2/3

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

Right Out: 965.657+/-0.533 χ^2/NDF : 1387992.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

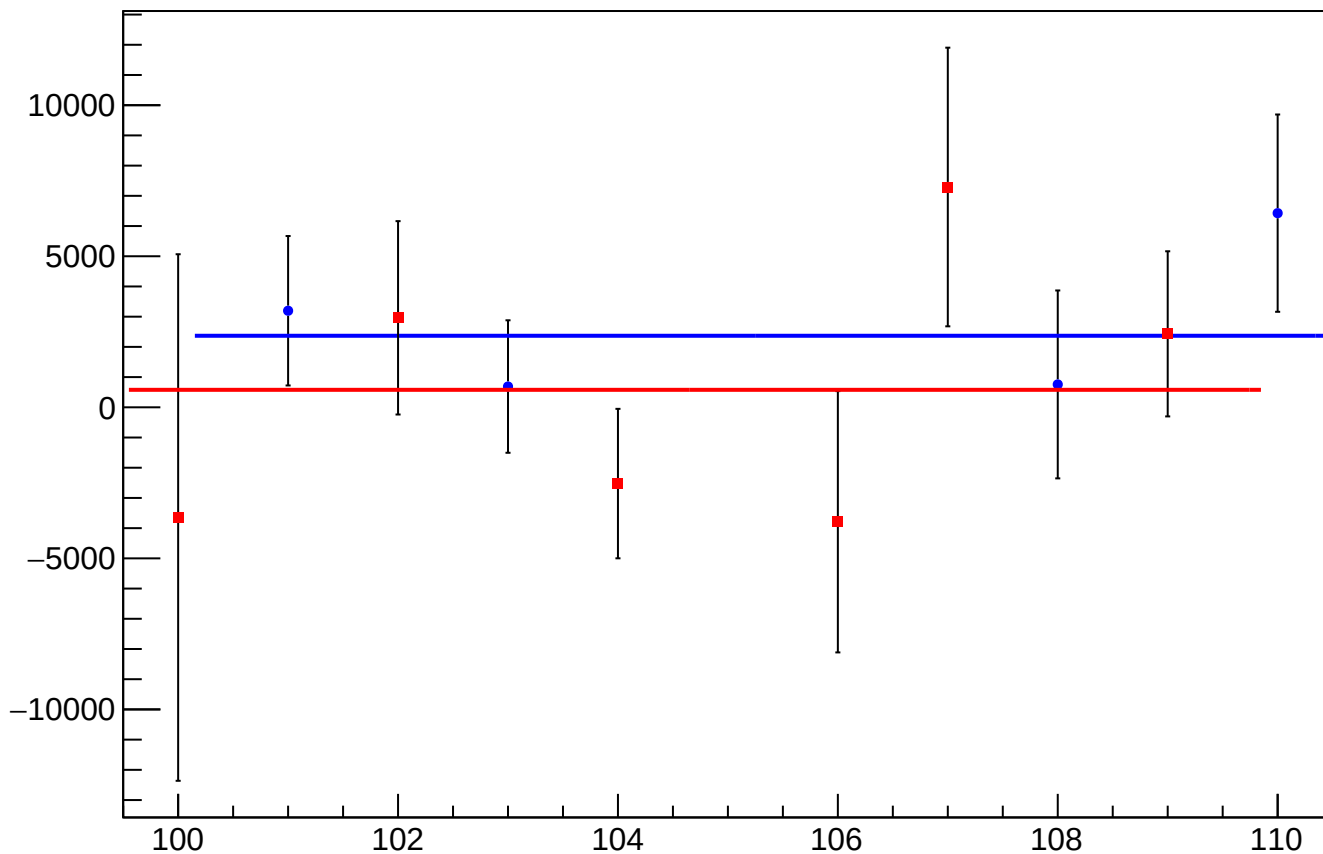
Right: 1036.112+/-0.433 χ^2/NDF : 2512163.7/9

In: 1172.643+/-0.742 χ^2/NDF : 1072848.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1036.112+/-0.433 χ^2/NDF : 2512163.7/9

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2368.160+/-1326.118 χ^2/NDF : 2.5/3

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

Right Out: 578.755+/-1402.197 χ^2/NDF : 6.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

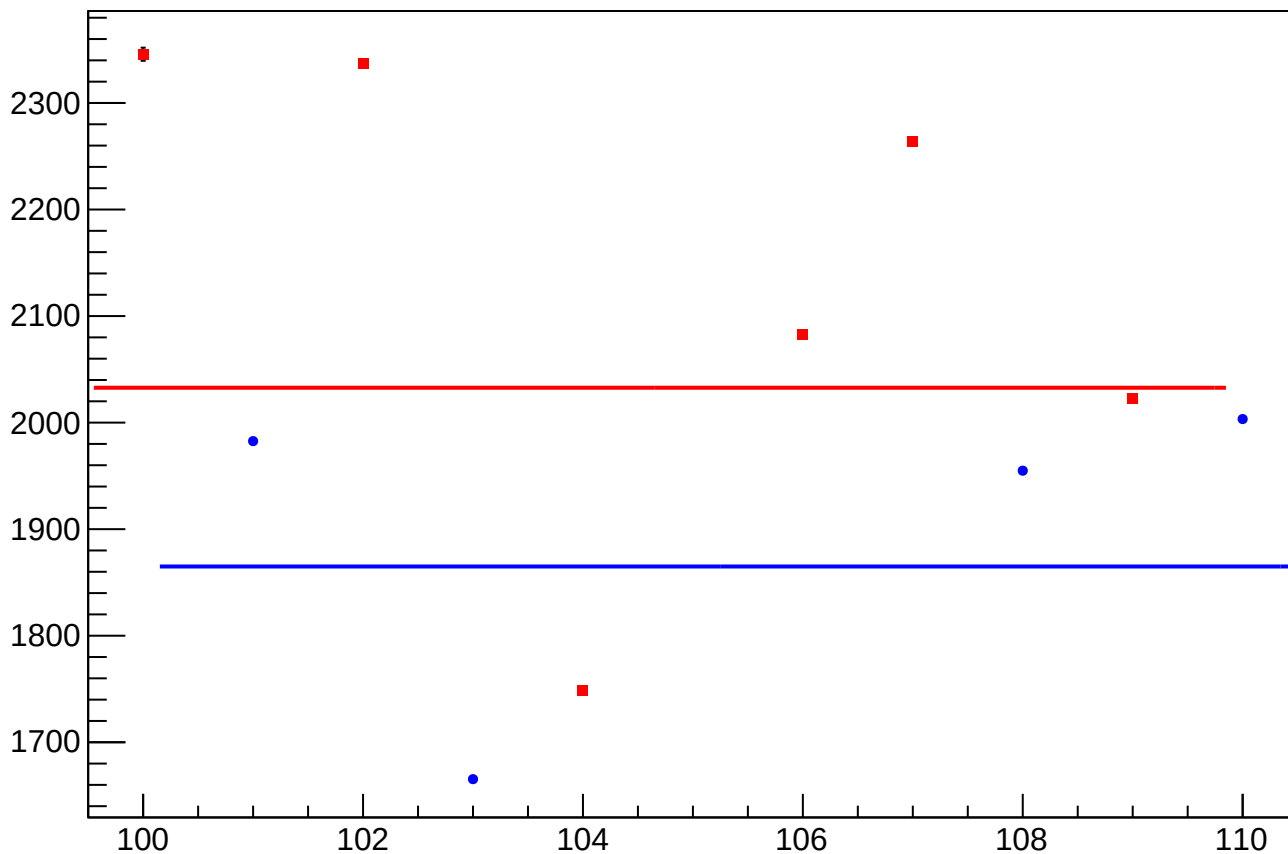
Right: 1523.316+/-963.480 χ^2/NDF : 9.3/9

In: 2368.160+/-1326.118 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.316+/-963.480 χ^2/NDF : 9.3/9

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1864.966 $\pm$ 0.938 χ^2 /NDF: 26359.6/3

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

Right Out: 2032.739 $\pm$ 0.981 χ^2 /NDF: 52414.2/5

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

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

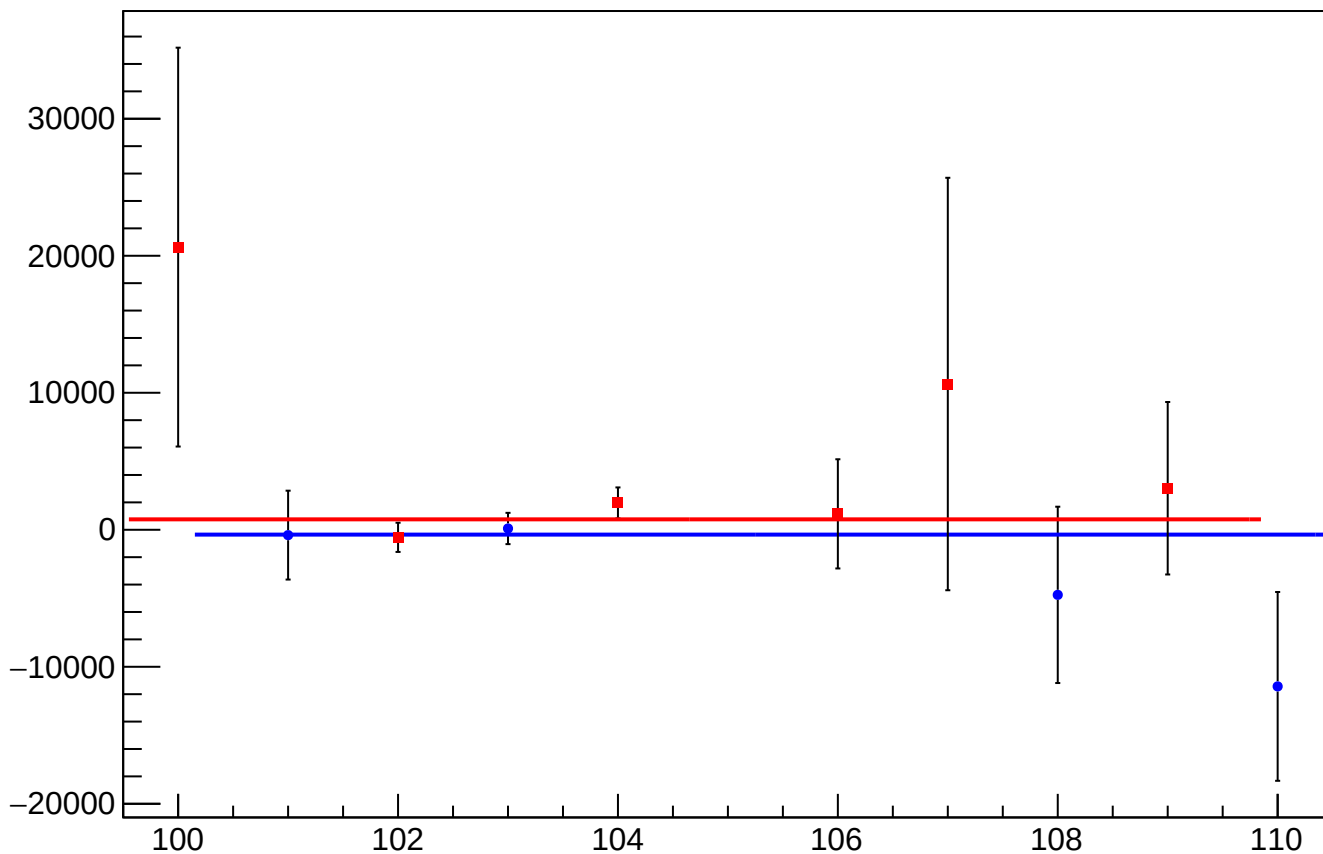
Right: 1945.028 $\pm$ 0.678 χ^2 /NDF: 94050.1/9

In: 1864.966 $\pm$ 0.938 χ^2 /NDF:26359.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1945.028 $\pm$ 0.678 χ^2 /NDF: 94050.1/9

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -352.804+/-1049.406 χ^2/NDF : 3.2/3

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

Right Out: 761.247+/-753.845 χ^2/NDF : 5.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

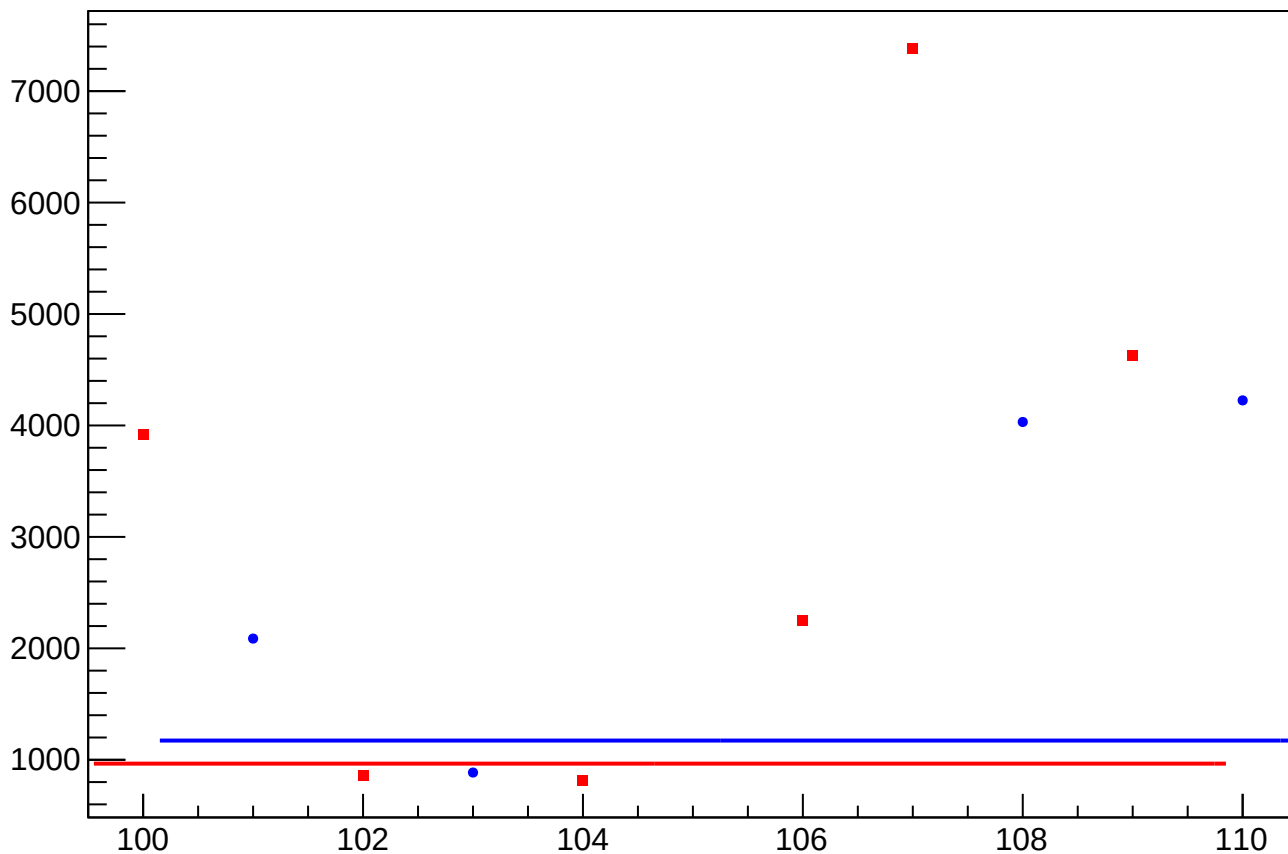
Right: 382.042+/-612.249 χ^2/NDF : 9.0/9

In: -352.804+/-1049.406 χ^2/NDF : 3.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 382.042+/-612.249 χ^2/NDF : 9.0/9

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1172.632+/-0.742 χ^2/NDF : 1072851.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 965.648+/-0.533 χ^2/NDF : 1387997.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

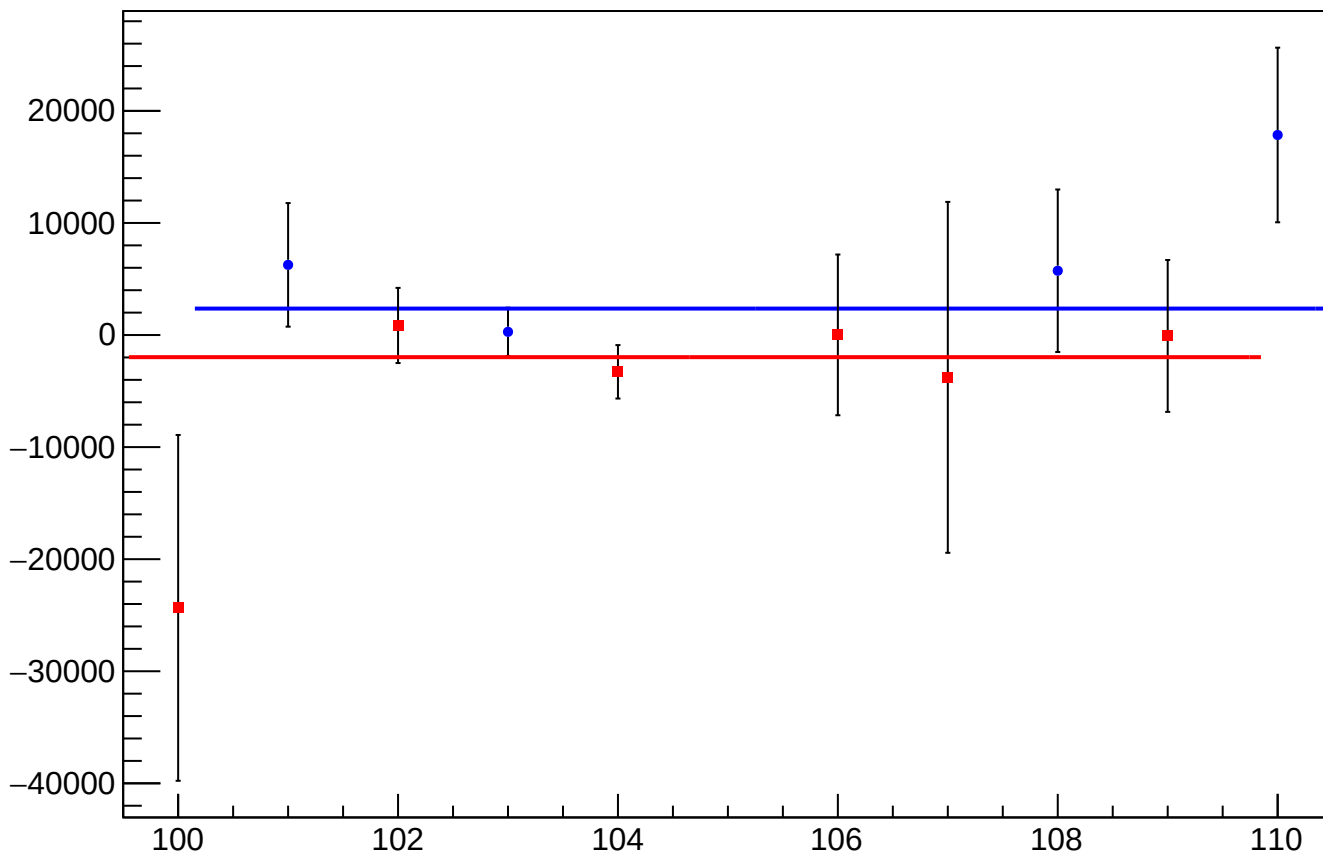
Right: 1036.102+/-0.433 χ^2/NDF : 2512170.8/9

In: 1172.632+/-0.742 χ^2/NDF : 1072851.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1036.102+/-0.433 χ^2/NDF : 2512170.8/9

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2360.496+/-1876.141 χ^2/NDF : 5.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1974.461+/-1783.613 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

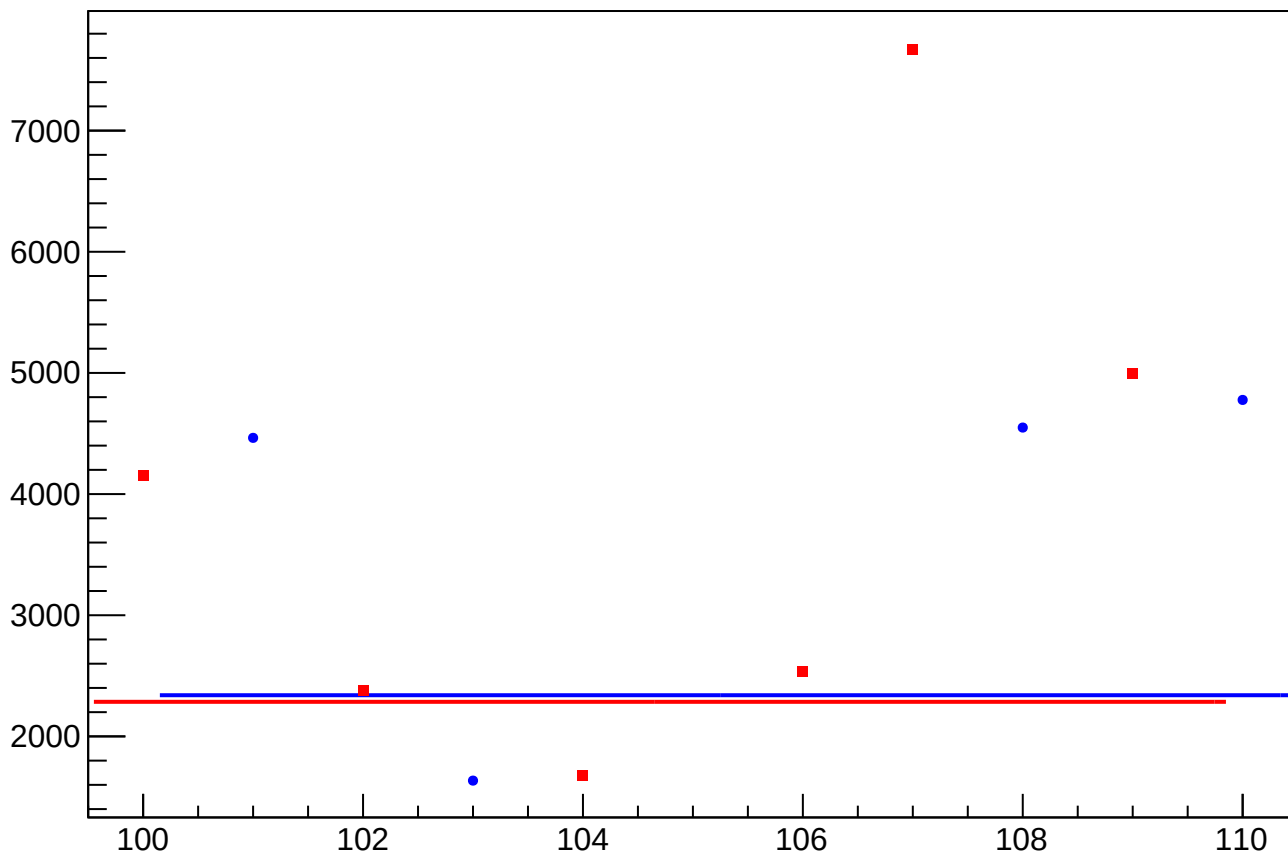
Right: 83.489+/-1292.678 χ^2/NDF : 11.7/9

In: 2360.496+/-1876.141 χ^2/NDF : 5.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.489+/-1292.678 χ^2/NDF : 11.7/9

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2339.827+/-1.327 χ^2/NDF : 892566.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2285.400+/-1.222 χ^2/NDF : 724835.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

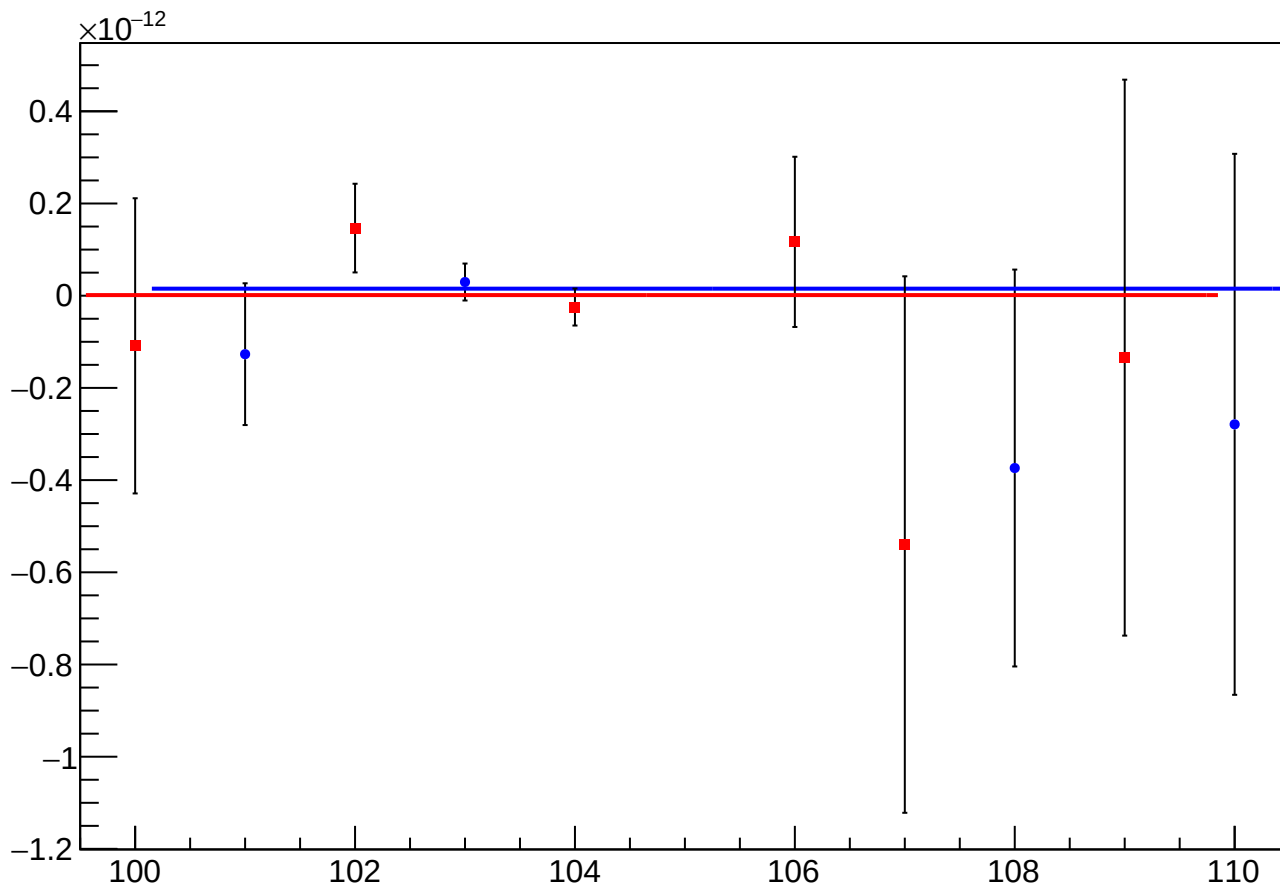
Right: 2310.374+/-0.899 χ^2/NDF : 1618313.4/9

In: 2339.827+/-1.327 χ^2/NDF : 892566.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2310.374+/-0.899 χ^2/NDF : 1618313.4/9

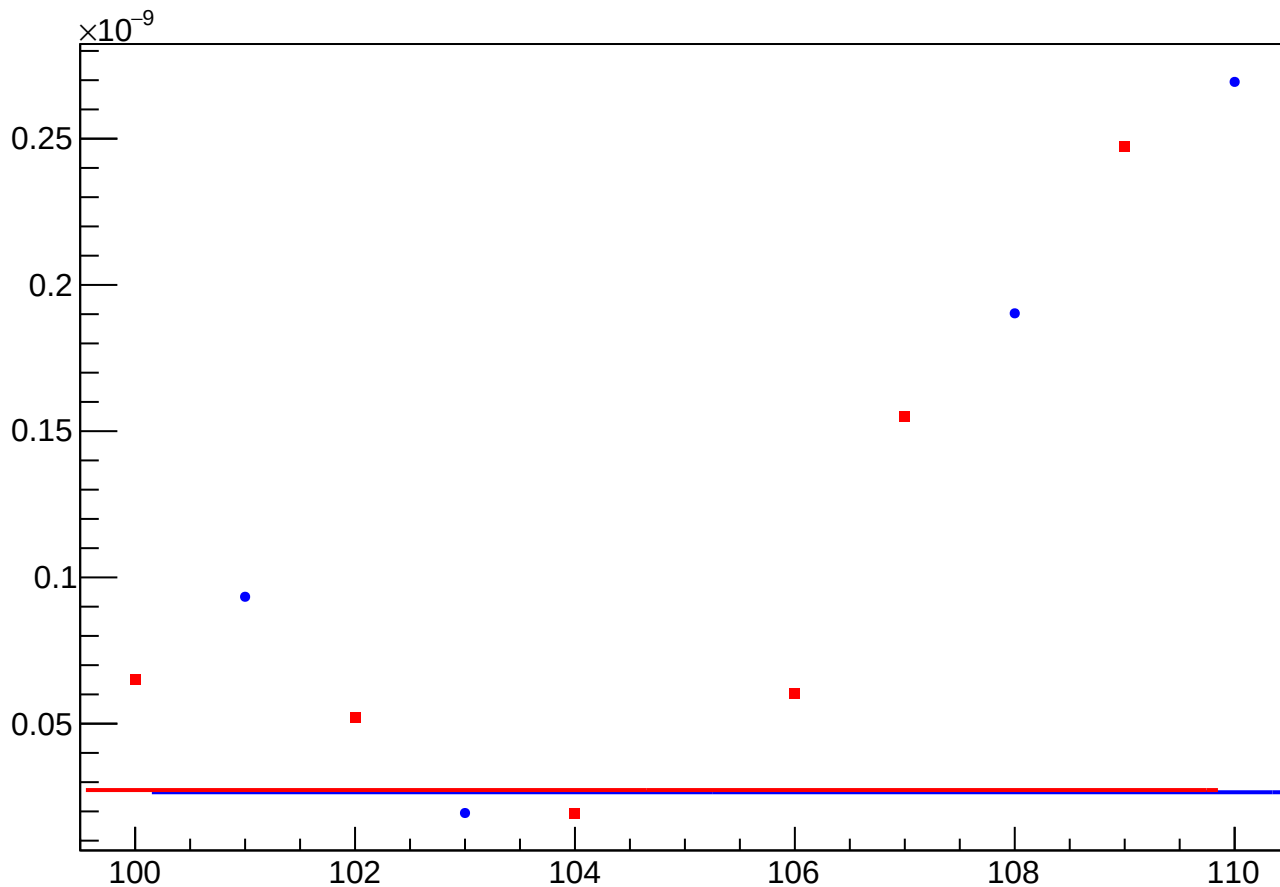
asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.1/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 4.1/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 6.2/9
 In: 0.000+/-0.000 χ^2/NDF : 2.1/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 6.2/9

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1072700.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 670173.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

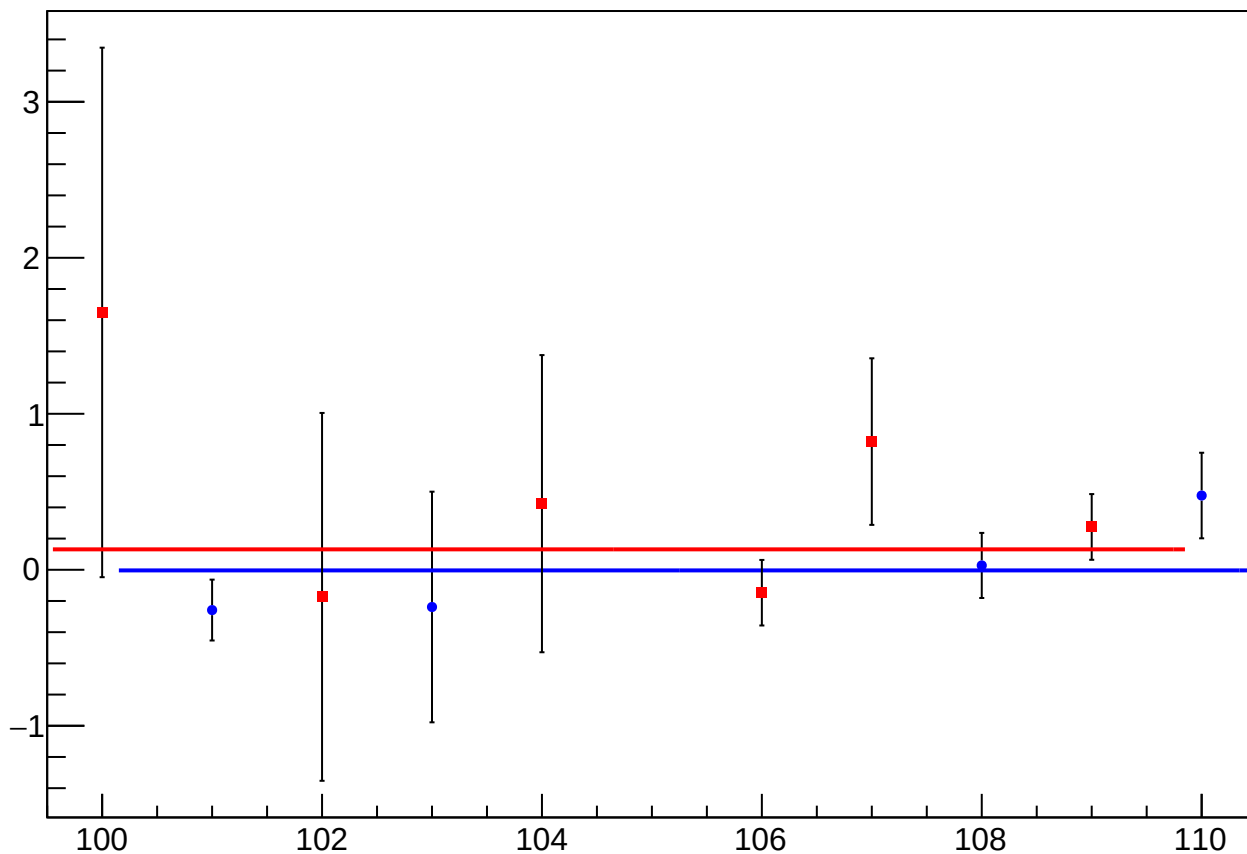
Right: 0.000+/-0.000 χ^2/NDF : 1743280.8/9

In: 0.000+/-0.000 χ^2/NDF : 1072700.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1743280.8/9

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.125 χ^2 /NDF: 4.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.131 $\pm$ 0.140 χ^2 /NDF: 4.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

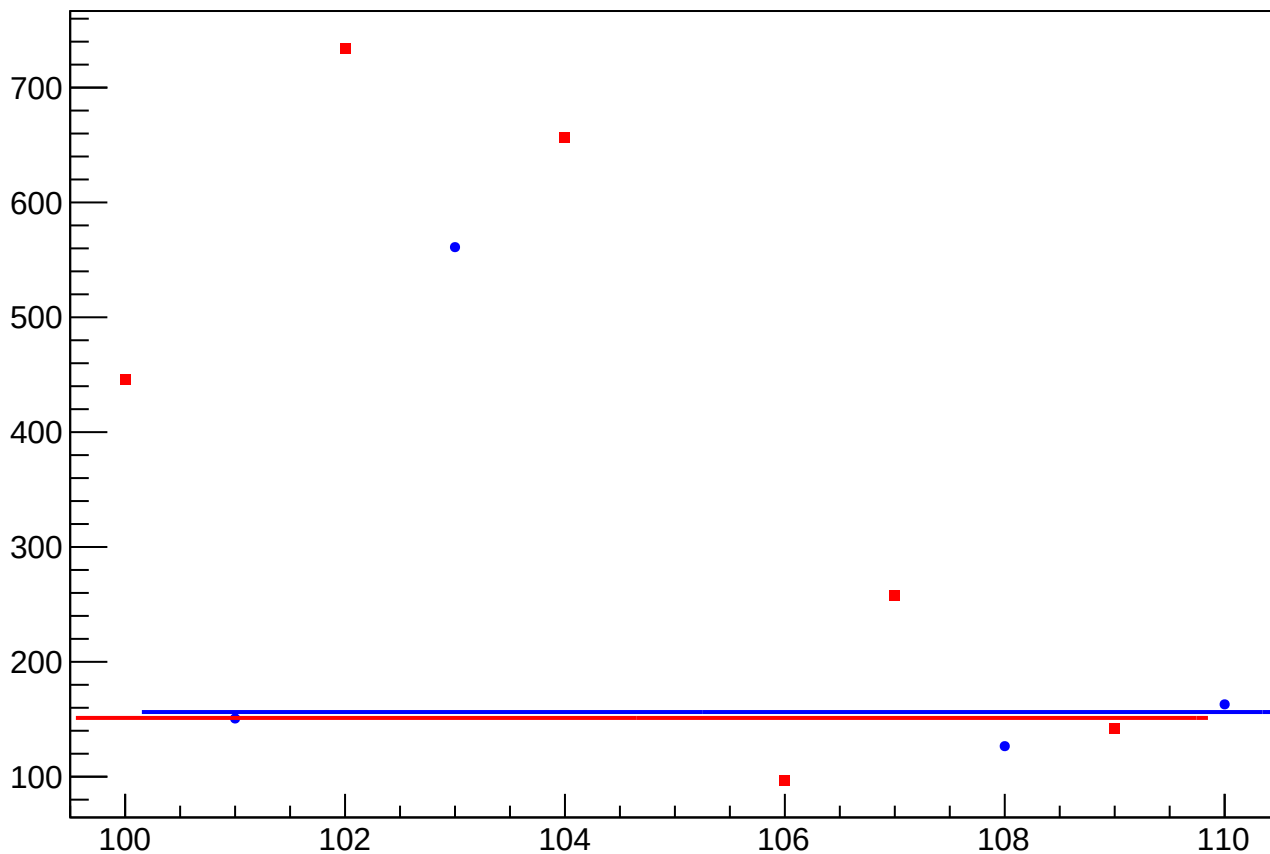
Right: 0.056 $\pm$ 0.093 χ^2 /NDF: 10.3/9

In: -0.004 $\pm$ 0.125 χ^2 /NDF:4.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.056 $\pm$ 0.093 χ^2 /NDF: 10.3/9

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 156.293+/-0.088 χ^2/NDF : 643073.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.170+/-0.099 χ^2/NDF : 1331053.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

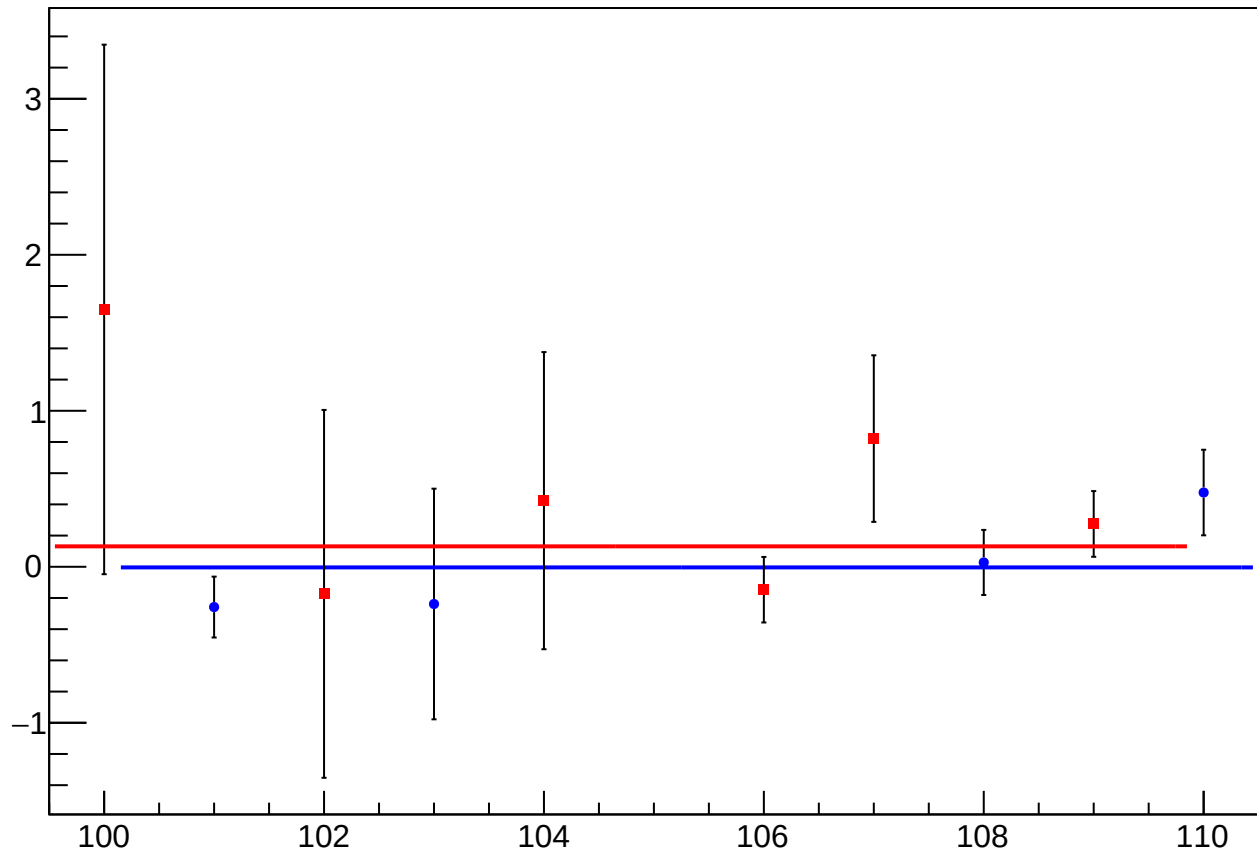
Right: 154.032+/-0.066 χ^2/NDF : 1975619.4/9

In: 156.293+/-0.088 χ^2/NDF : 643073.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.032+/-0.066 χ^2/NDF : 1975619.4/9

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.125 χ^2/NDF : 4.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.131 ± 0.140 χ^2/NDF : 4.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

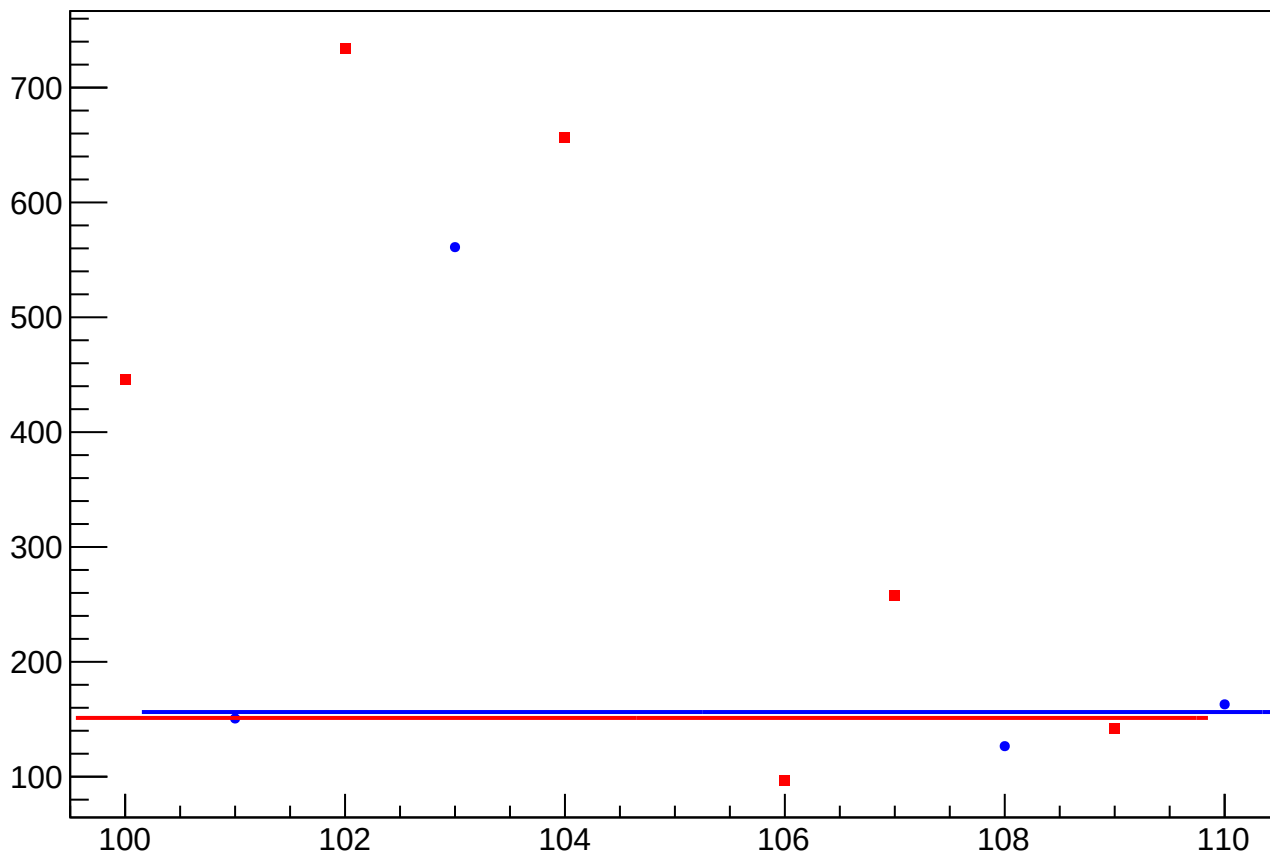
Right: 0.056 ± 0.093 χ^2/NDF : 10.3/9

In: -0.004 ± 0.125 χ^2/NDF : 4.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.056 ± 0.093 χ^2/NDF : 10.3/9

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 156.293+/-0.088 χ^2/NDF : 643073.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.170+/-0.099 χ^2/NDF : 1331053.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

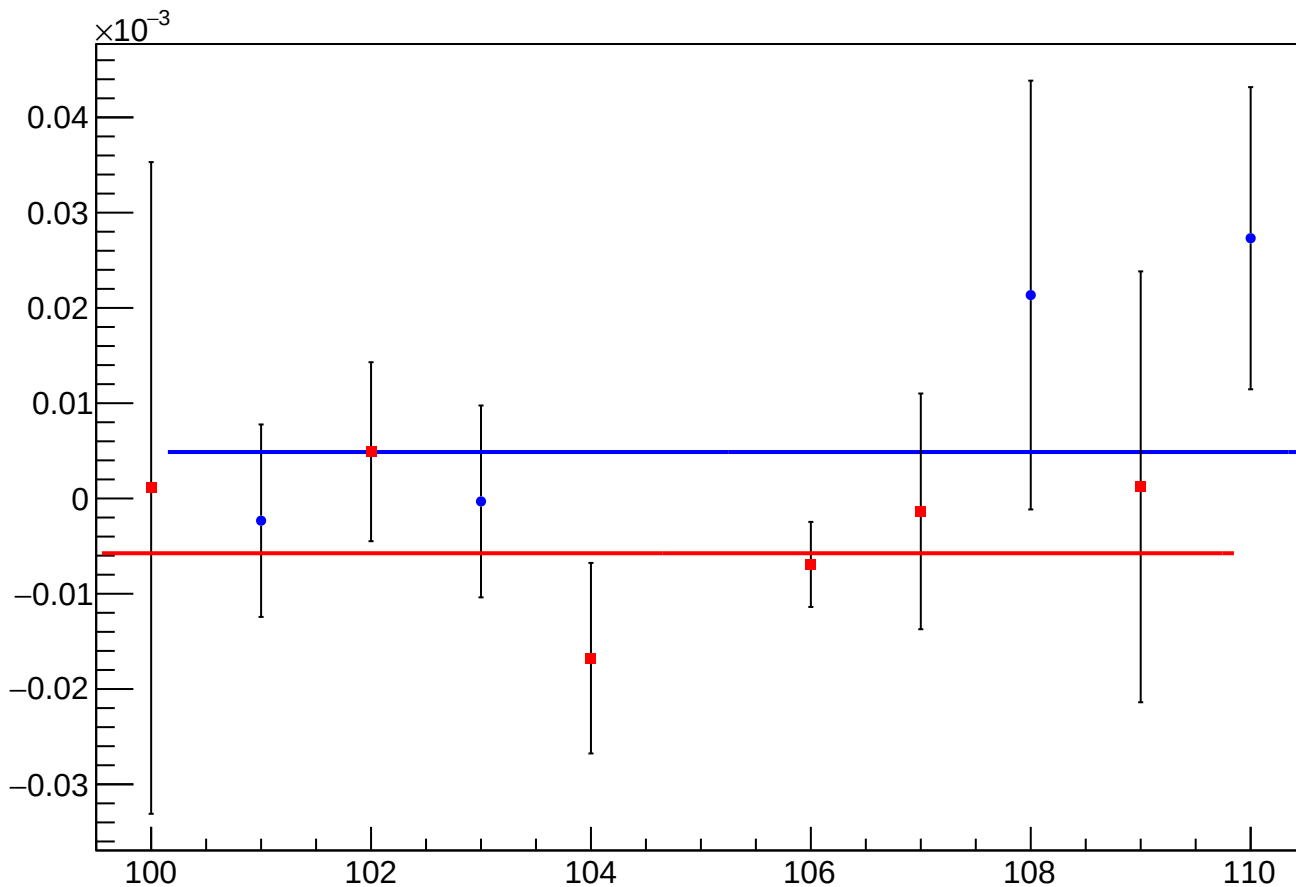
Right: 154.032+/-0.066 χ^2/NDF : 1975619.4/9

In: 156.293+/-0.088 χ^2/NDF : 643073.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.032+/-0.066 χ^2/NDF : 1975619.4/9

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

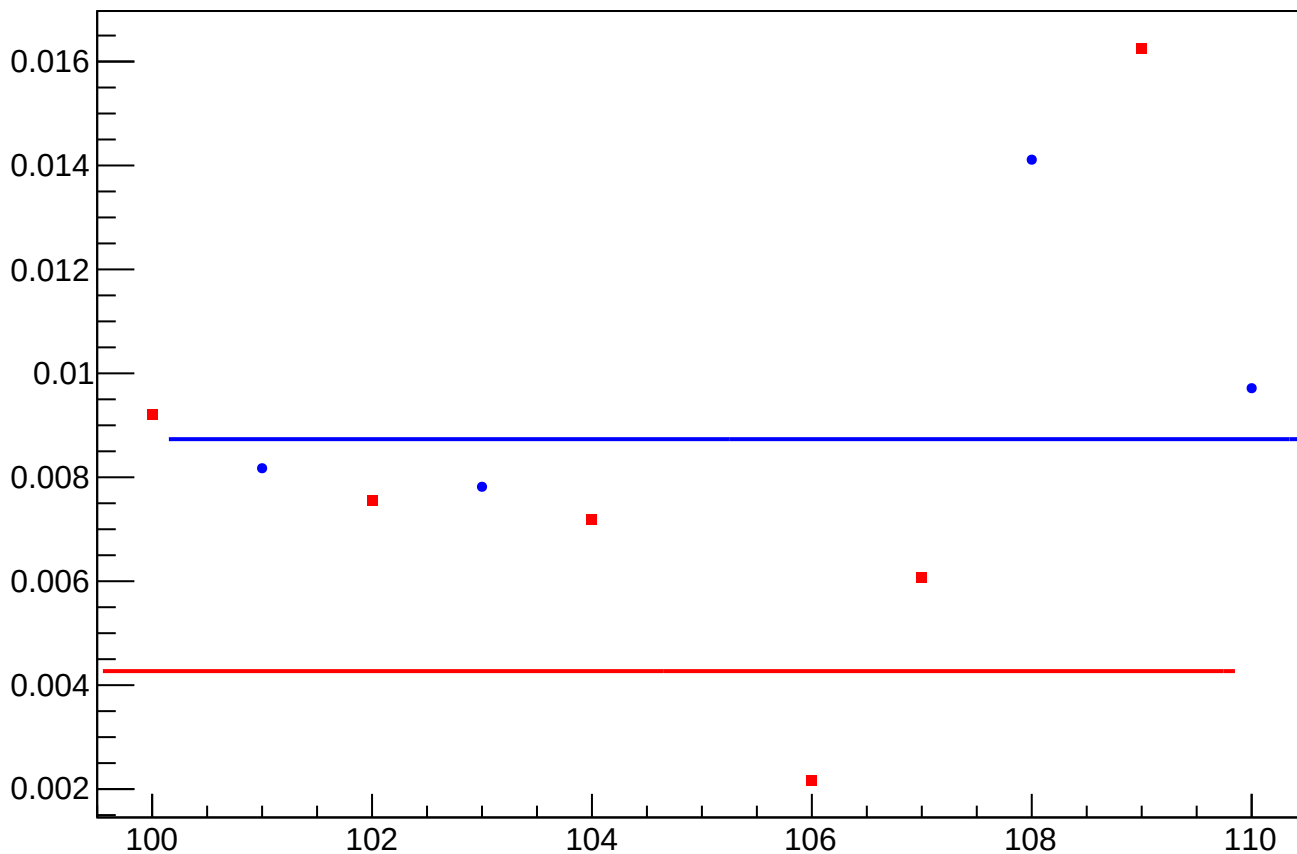
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.3/9

In: 0.000 $\pm$ 0.000 χ^2 /NDF:3.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.3/9

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 144586.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1505386.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

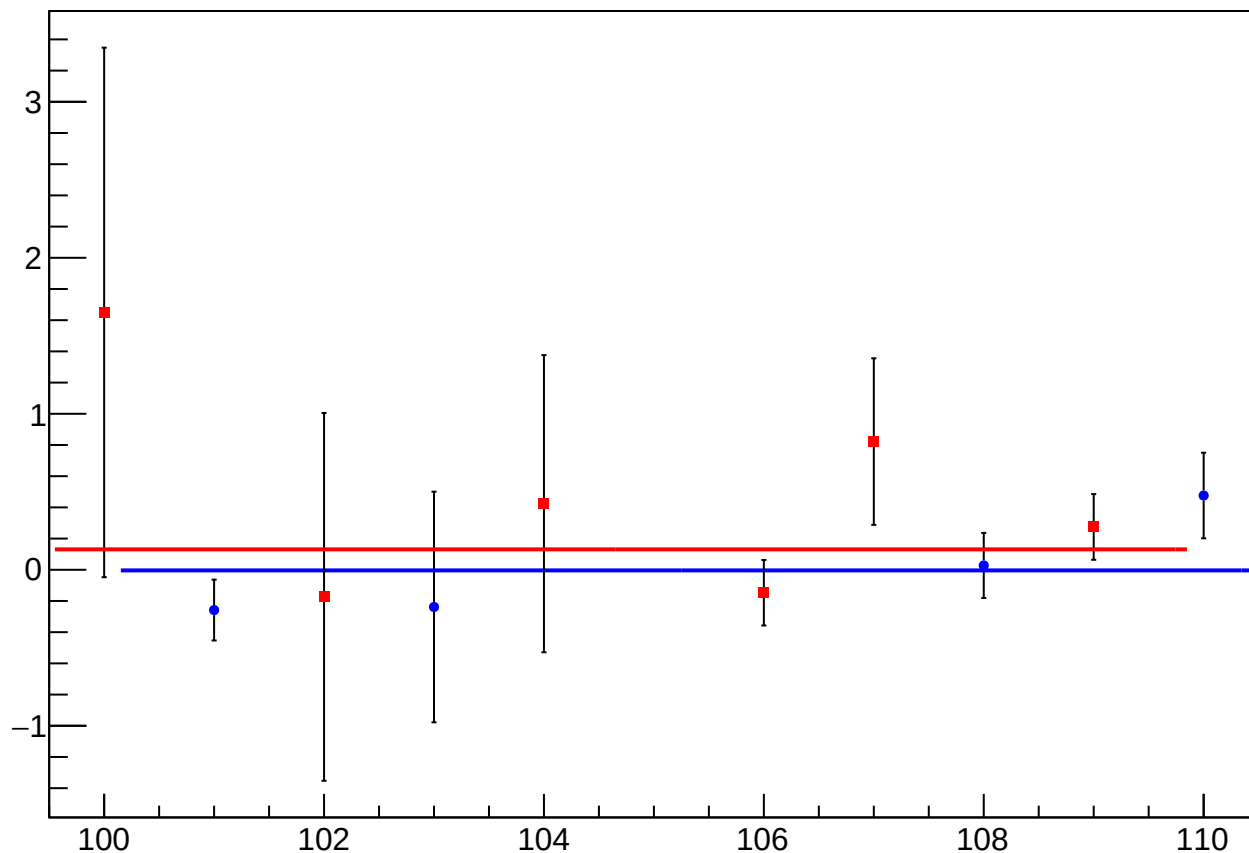
Right: 0.005+/-0.000 χ^2/NDF : 2425087.6/9

In: 0.009+/-0.000 χ^2/NDF : 144586.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2425087.6/9

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.125 χ^2/NDF : 4.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.131 ± 0.140 χ^2/NDF : 4.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

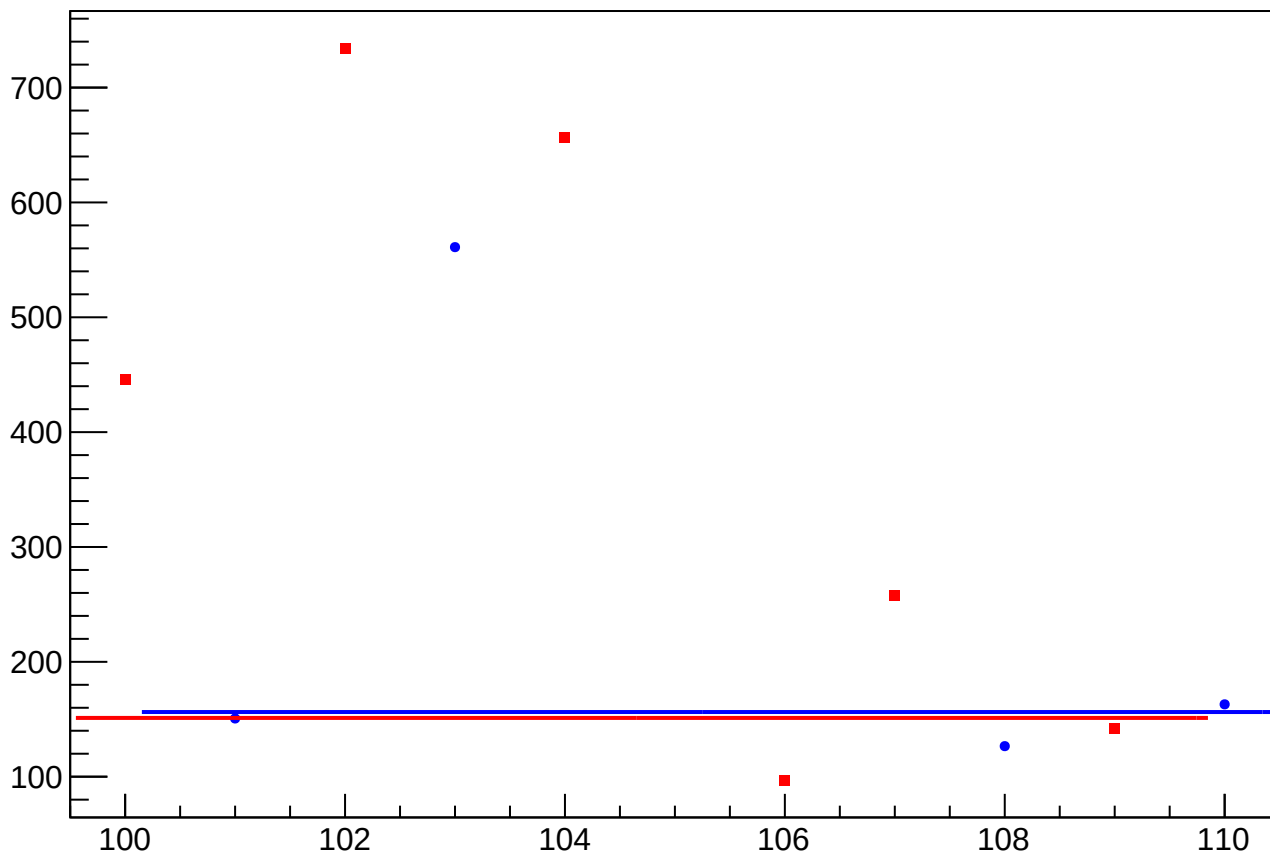
Right: 0.056 ± 0.093 χ^2/NDF : 10.3/9

In: -0.004 ± 0.125 χ^2/NDF : 4.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.056 ± 0.093 χ^2/NDF : 10.3/9

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 156.297+/-0.088 χ^2/NDF : 643045.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.170+/-0.099 χ^2/NDF : 1331042.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

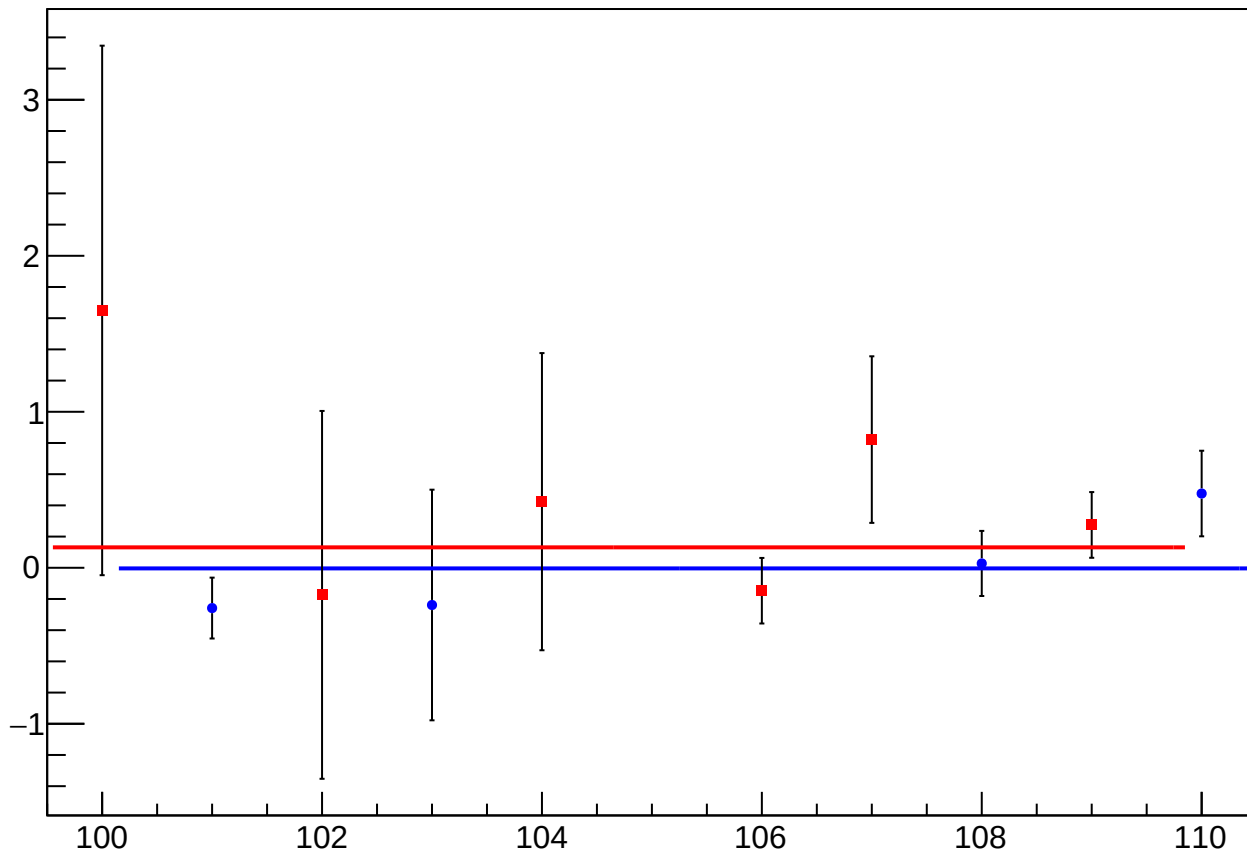
Right: 154.034+/-0.066 χ^2/NDF : 1975582.0/9

In: 156.297+/-0.088 χ^2/NDF : 643045.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.034+/-0.066 χ^2/NDF : 1975582.0/9

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.125 χ^2/NDF : 4.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.131 ± 0.140 χ^2/NDF : 4.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

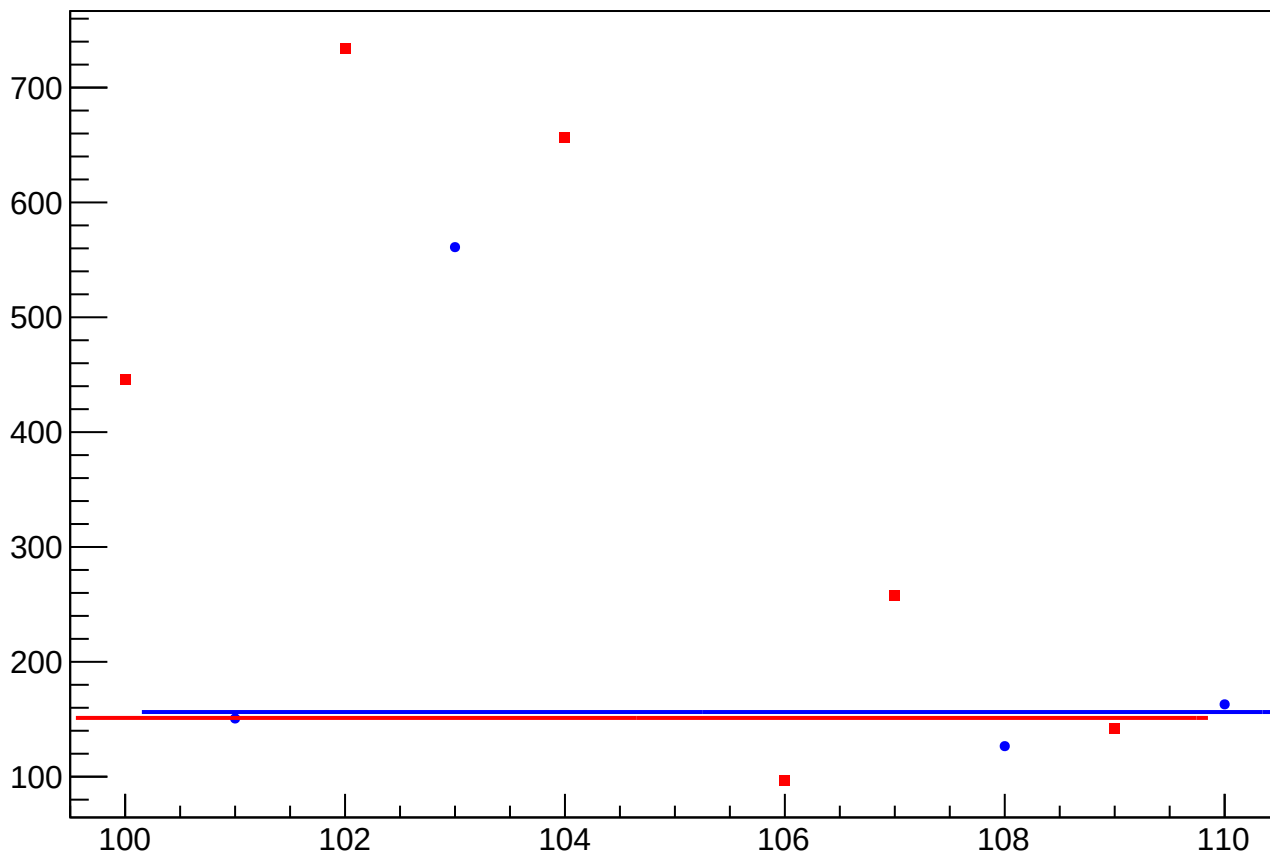
Right: 0.056 ± 0.093 χ^2/NDF : 10.3/9

In: -0.004 ± 0.125 χ^2/NDF : 4.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.056 ± 0.093 χ^2/NDF : 10.3/9

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 156.297+/-0.088 χ^2/NDF : 643045.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.170+/-0.099 χ^2/NDF : 1331042.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

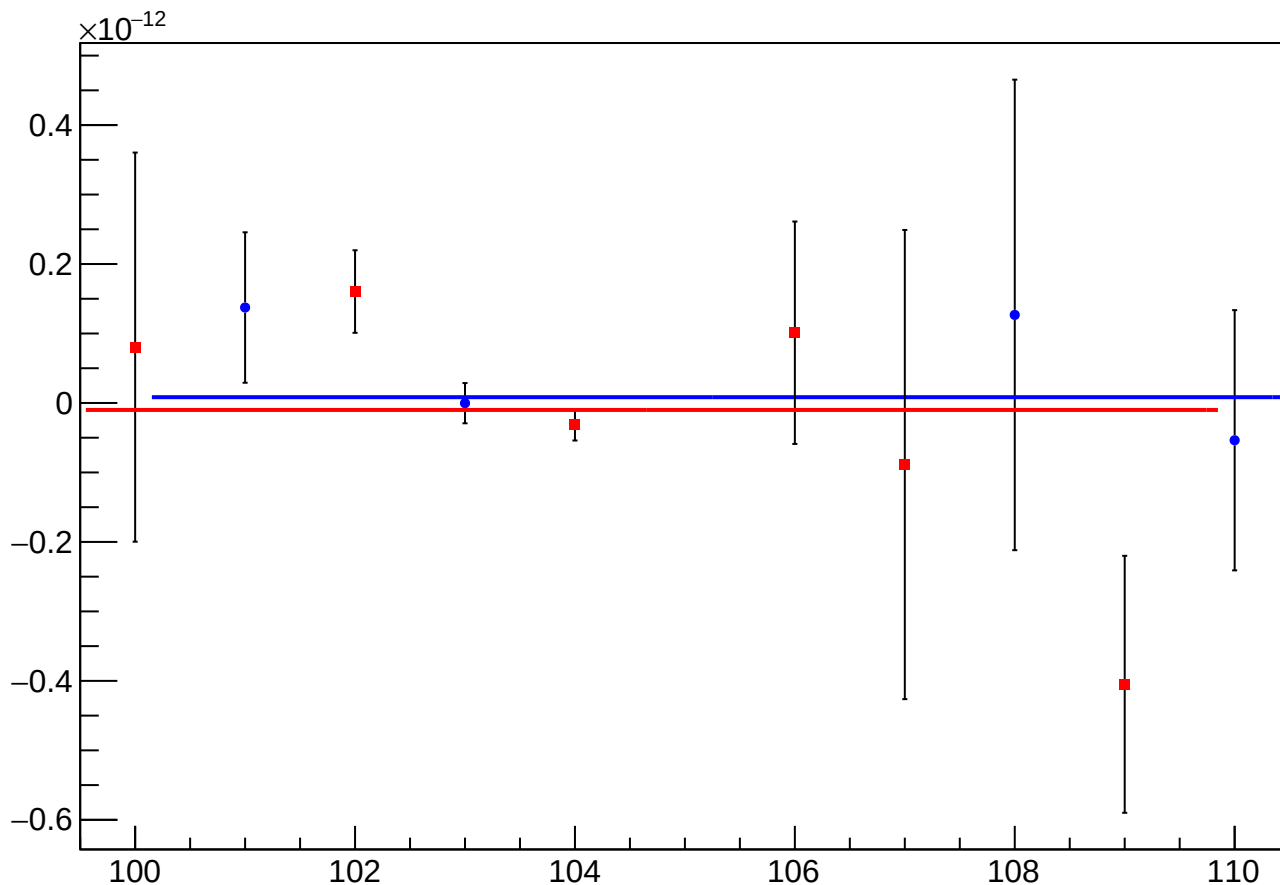
Right: 154.034+/-0.066 χ^2/NDF : 1975582.0/9

In: 156.297+/-0.088 χ^2/NDF : 643045.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.034+/-0.066 χ^2/NDF : 1975582.0/9

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

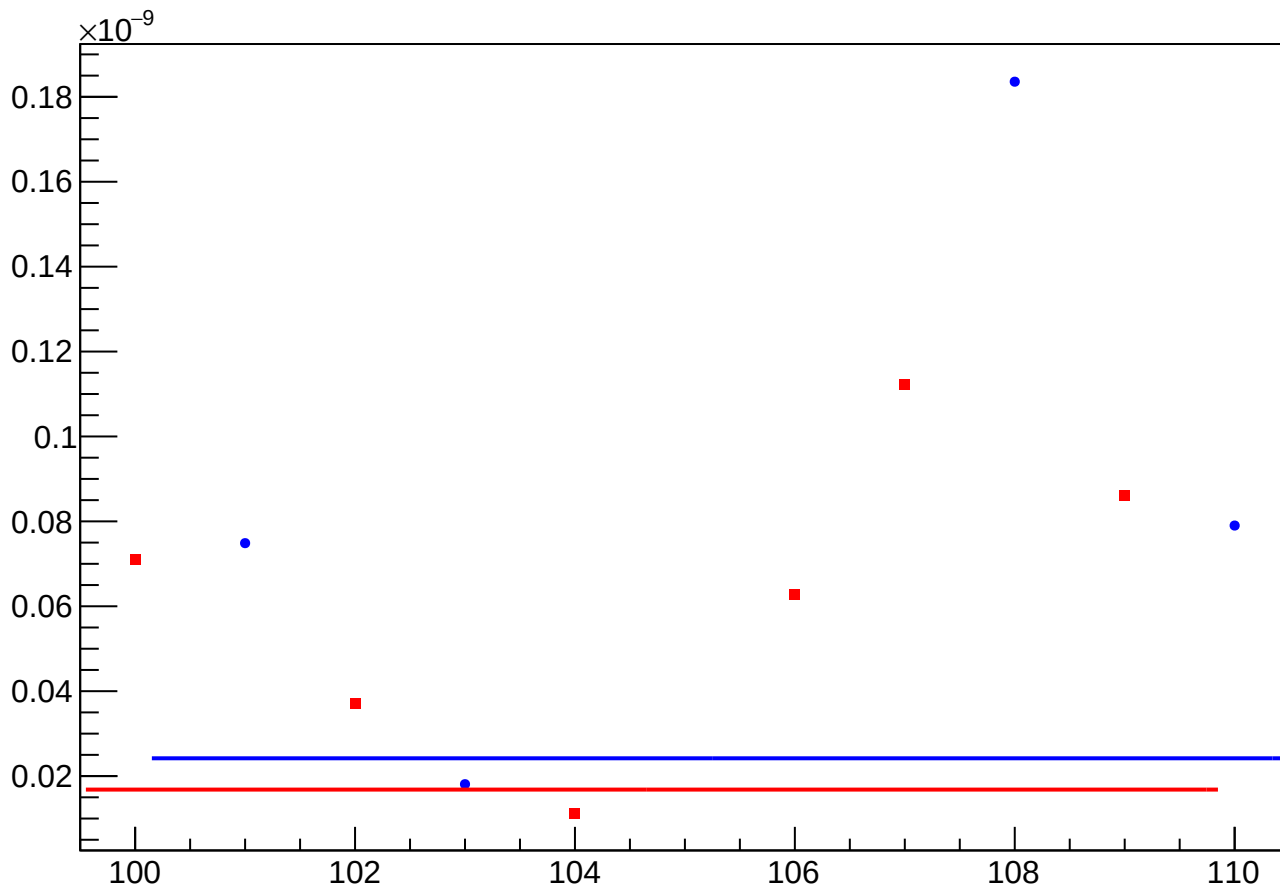
Right: -0.000+/-0.000 χ^2/NDF : 16.3/9

In: 0.000+/-0.000 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.3/9

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1141381.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1036847.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

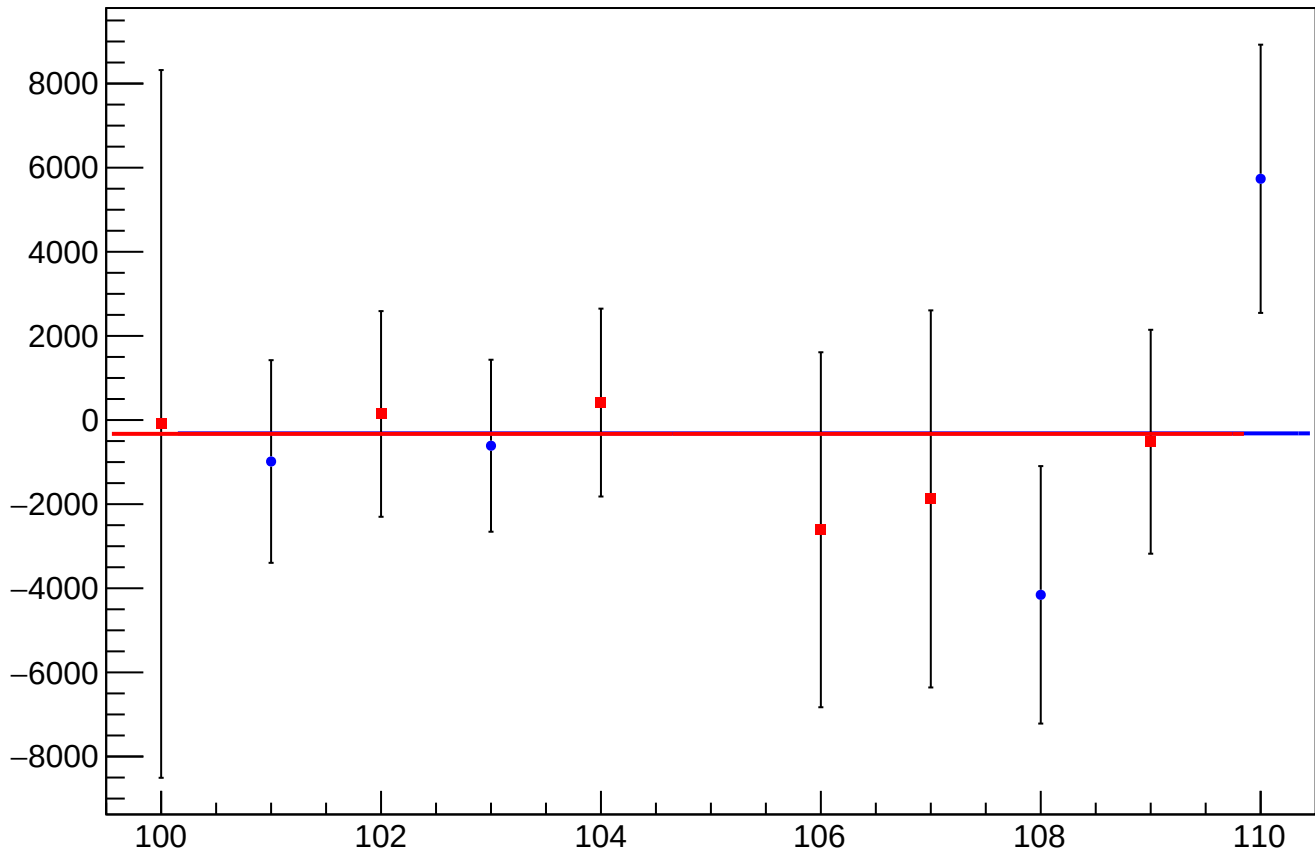
Right: 0.000+/-0.000 χ^2/NDF : 2269462.5/9

In: 0.000+/-0.000 χ^2/NDF : 1141381.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2269462.5/9

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -317.222+/-1273.539 χ^2/NDF : 5.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -328.533+/-1260.971 χ^2/NDF : 0.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

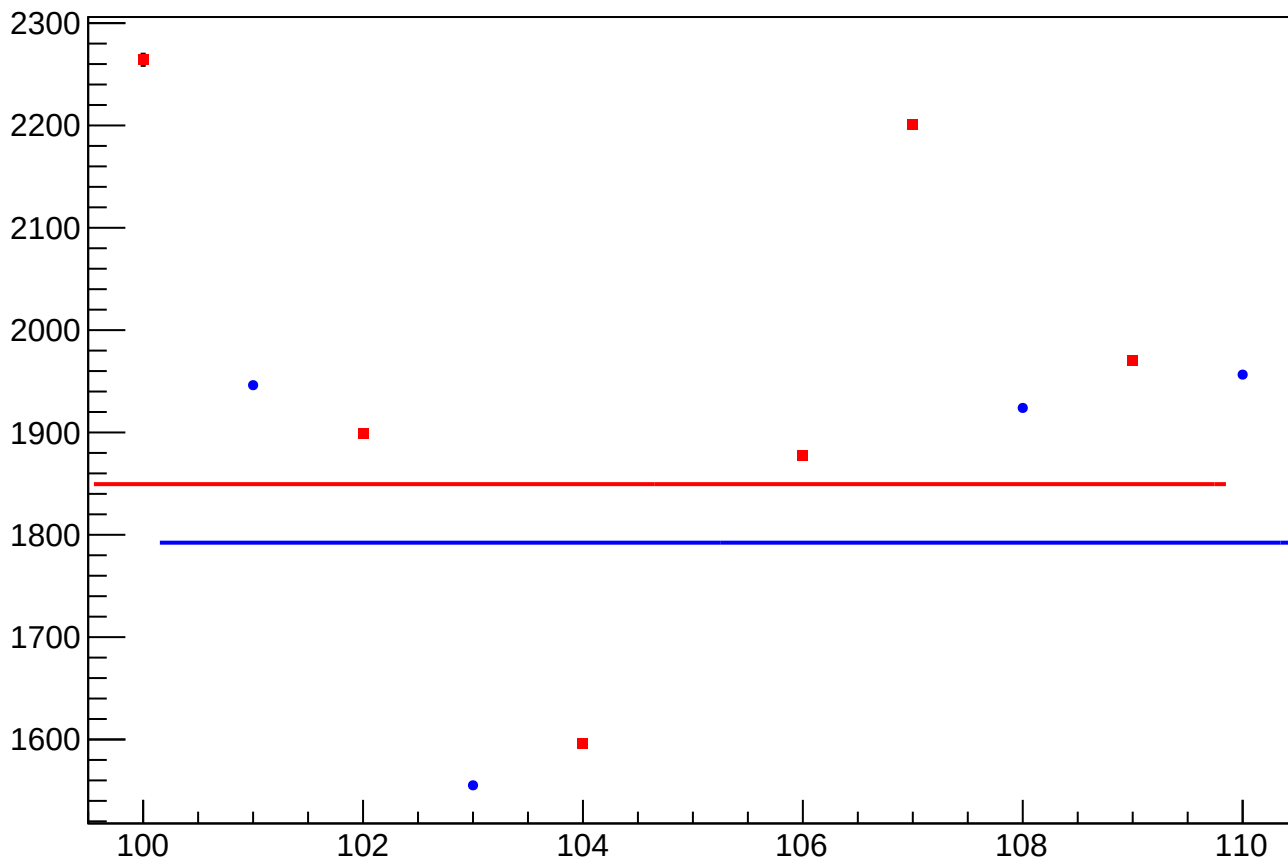
Right: -322.934+/-896.052 χ^2/NDF : 5.8/9

In: -317.222+/-1273.539 χ^2/NDF : 5.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -322.934+/-896.052 χ^2/NDF : 5.8/9

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1792.307+/-0.901 χ^2/NDF : 44062.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1849.499+/-0.876 χ^2/NDF : 48007.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

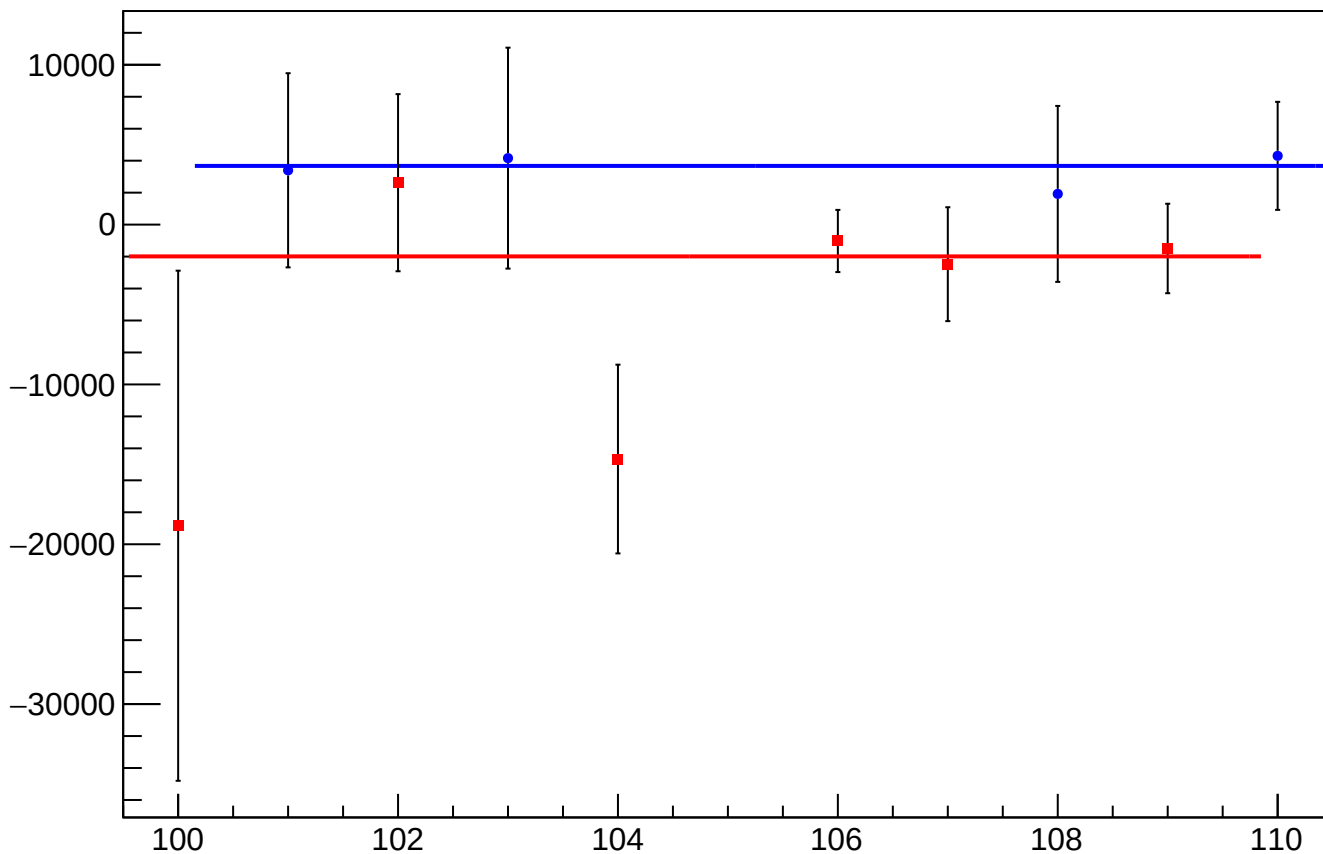
Right: 1821.701+/-0.628 χ^2/NDF : 94143.3/9

In: 1792.307+/-0.901 χ^2/NDF : 44062.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1821.701+/-0.628 χ^2/NDF : 94143.3/9

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3673.134+/-2435.346 χ^2/NDF : 0.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1988.733+/-1365.953 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

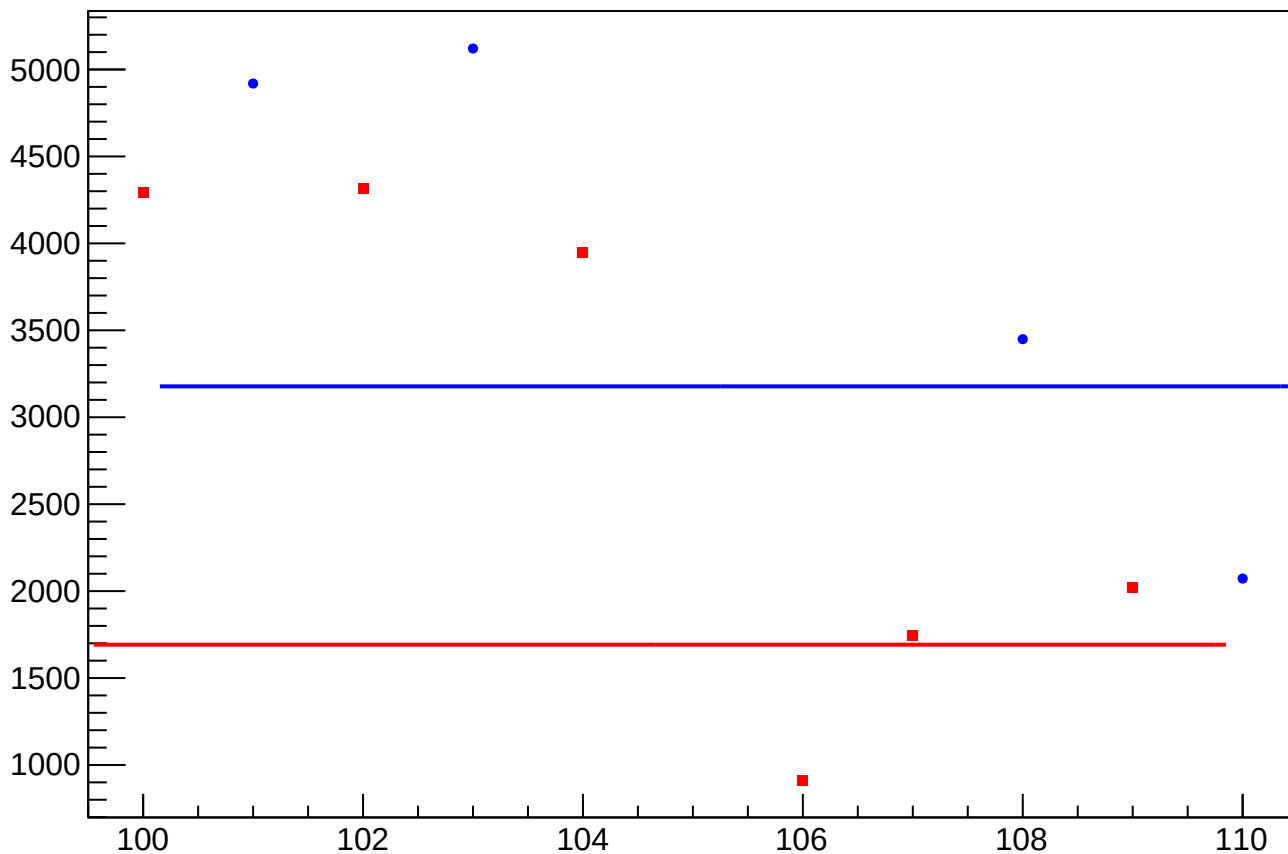
Right: -633.798+/-1191.352 χ^2/NDF : 11.0/9

In: 3673.134+/-2435.346 χ^2/NDF : 0.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -633.798+/-1191.352 χ^2/NDF : 11.0/9

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3177.733+/-1.722 χ^2/NDF : 541375.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1691.751+/-0.966 χ^2/NDF : 1143397.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

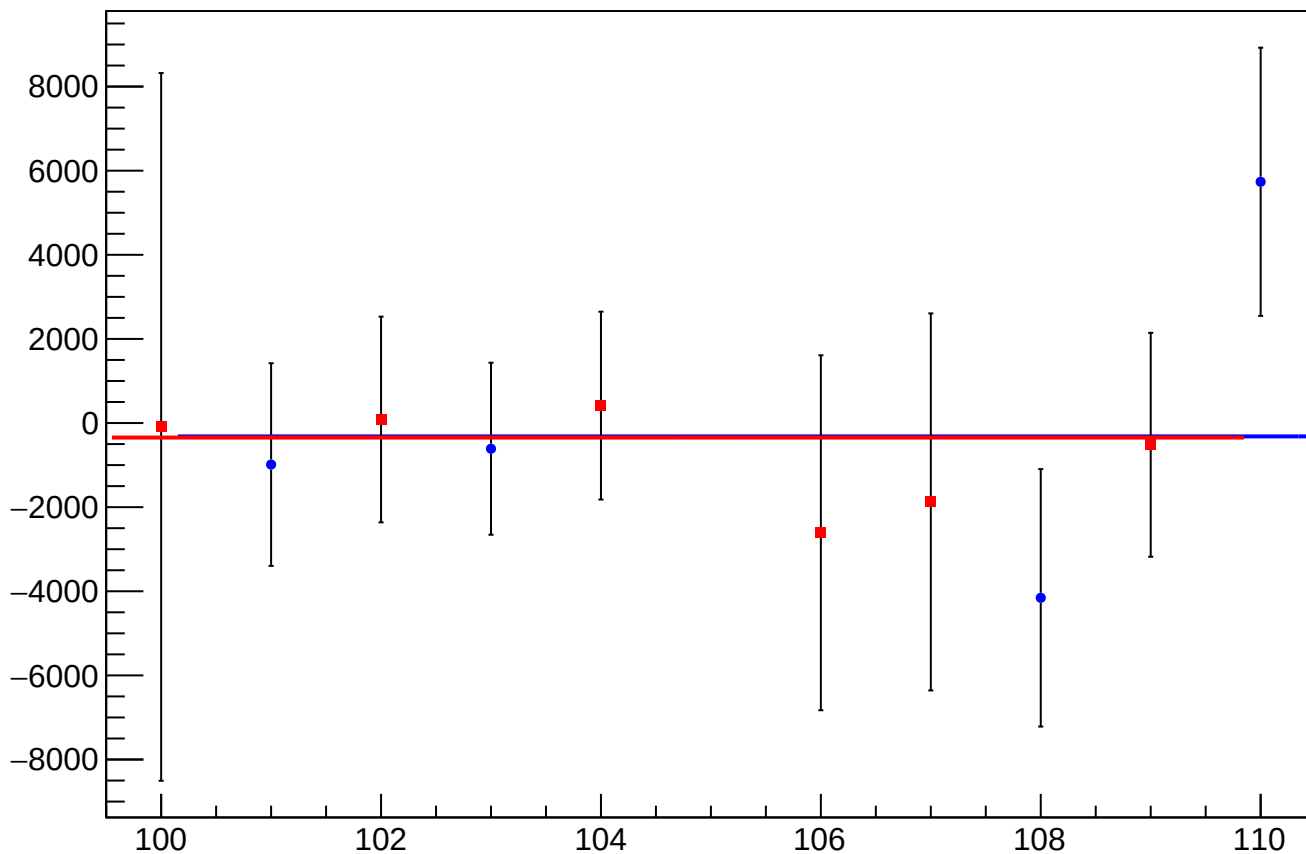
Right: 2047.360+/-0.842 χ^2/NDF : 2251200.0/9

In: 3177.733+/-1.722 χ^2/NDF : 541375.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2047.360+/-0.842 χ^2/NDF : 2251200.0/9

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -317.508+/-1273.539 χ^2/NDF : 5.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -345.041+/-1261.019 χ^2/NDF : 0.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

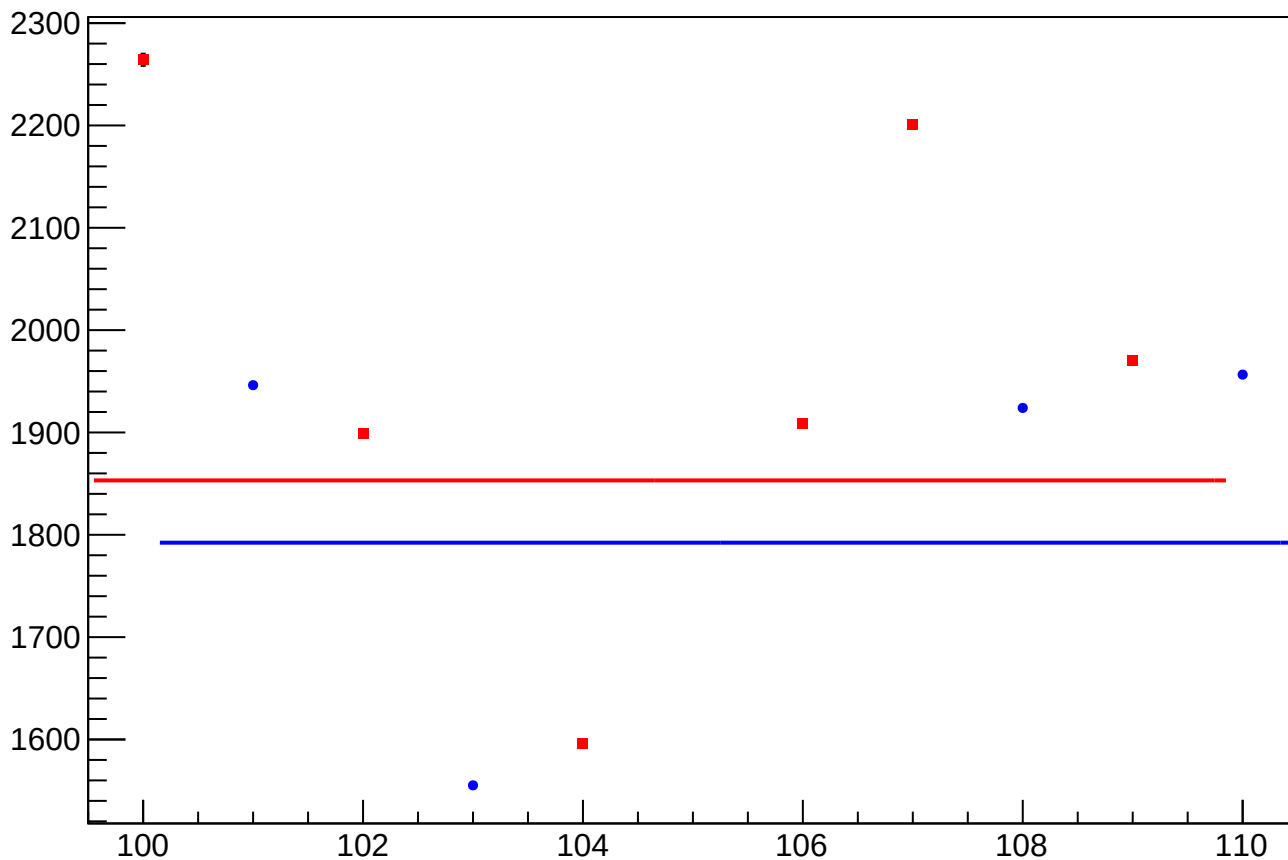
Right: -331.411+/-896.069 χ^2/NDF : 5.8/9

In: -317.508+/-1273.539 χ^2/NDF : 5.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -331.411+/-896.069 χ^2/NDF : 5.8/9

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1792.306+/-0.901 χ^2/NDF : 44062.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1853.139+/-0.877 χ^2/NDF : 48410.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

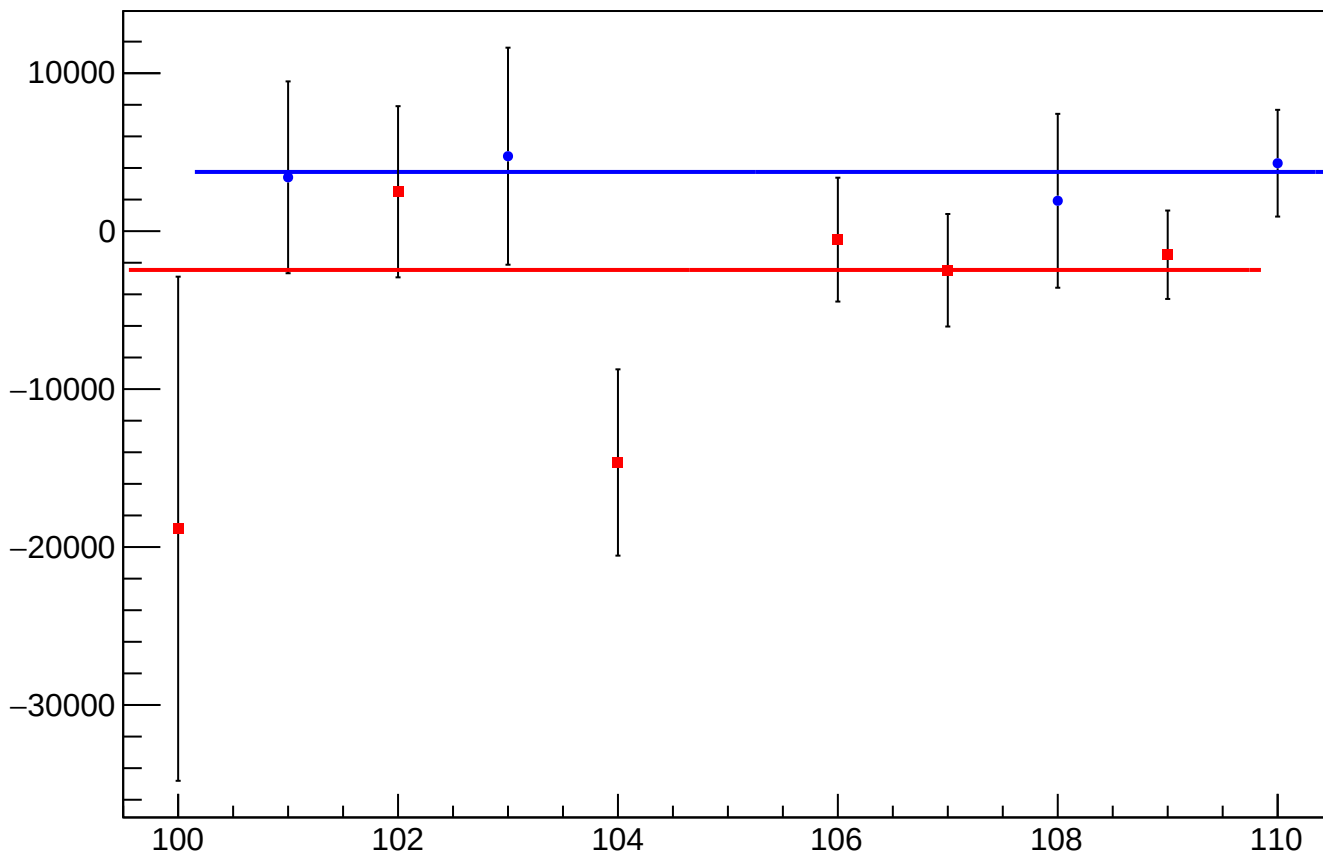
Right: 1823.516+/-0.628 χ^2/NDF : 94814.9/9

In: 1792.306+/-0.901 χ^2/NDF : 44062.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1823.516+/-0.628 χ^2/NDF : 94814.9/9

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3749.236+/-2433.446 χ^2/NDF : 0.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2456.299+/-1719.558 χ^2/NDF : 6.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

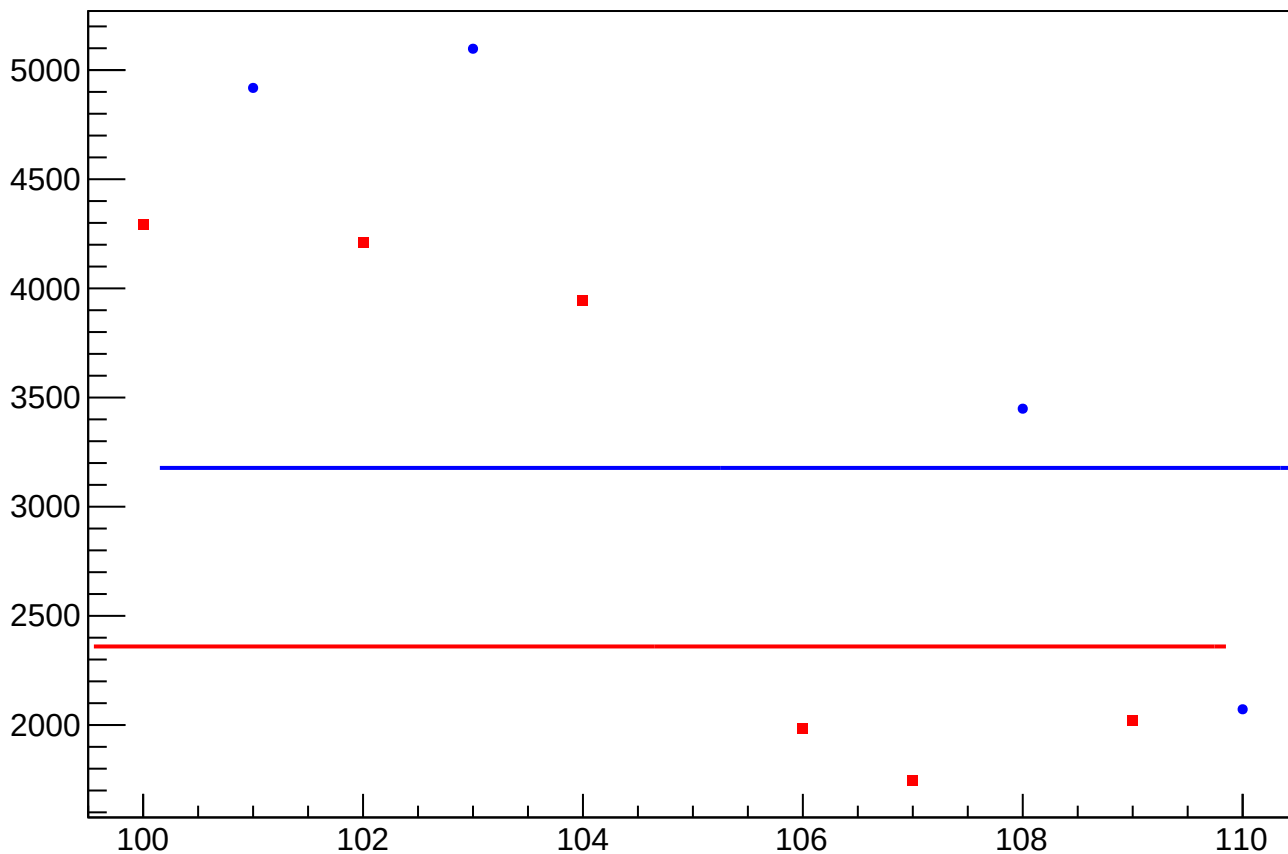
Right: -389.628+/-1404.325 χ^2/NDF : 11.0/9

In: 3749.236+/-2433.446 χ^2/NDF : 0.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -389.628+/-1404.325 χ^2/NDF : 11.0/9

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3177.663+/-1.721 χ^2/NDF : 539415.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2359.773+/-1.216 χ^2/NDF : 513273.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

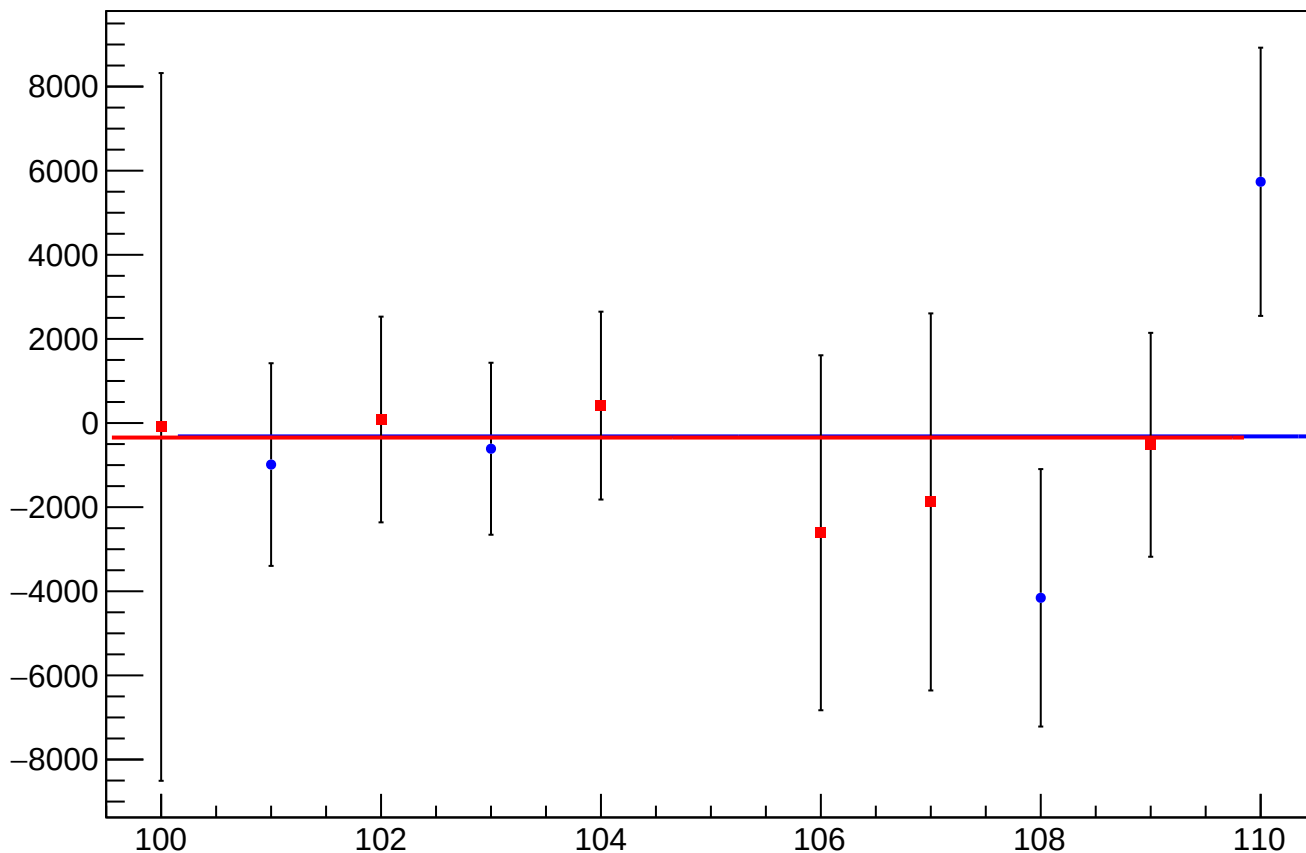
Right: 2632.160+/-0.993 χ^2/NDF : 1203377.1/9

In: 3177.663+/-1.721 χ^2/NDF : 539415.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2632.160+/-0.993 χ^2/NDF : 1203377.1/9

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -317.508+/-1273.539 χ^2/NDF : 5.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -345.041+/-1261.019 χ^2/NDF : 0.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

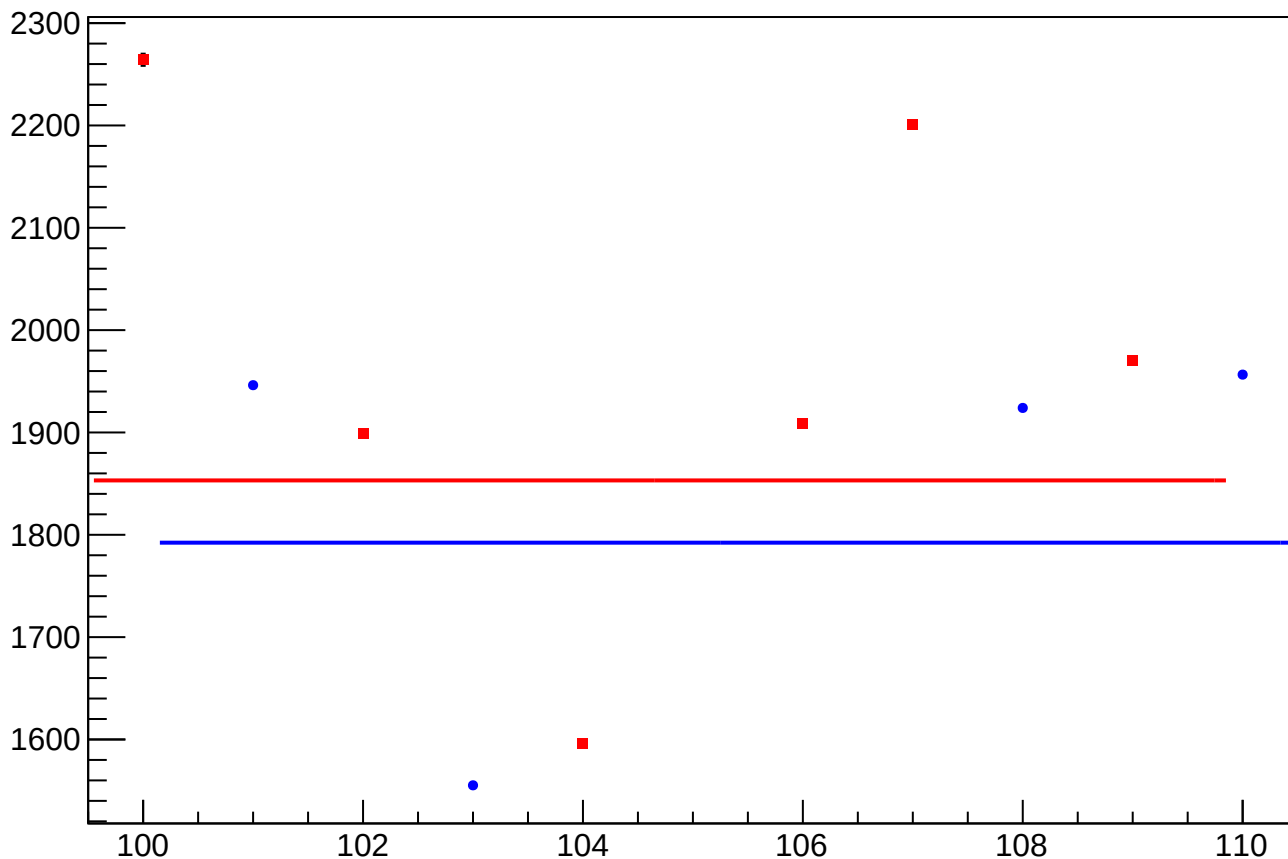
Right: -331.411+/-896.069 χ^2/NDF : 5.8/9

In: -317.508+/-1273.539 χ^2/NDF : 5.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -331.411+/-896.069 χ^2/NDF : 5.8/9

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1792.306+/-0.901 χ^2/NDF : 44062.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1853.139+/-0.877 χ^2/NDF : 48410.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

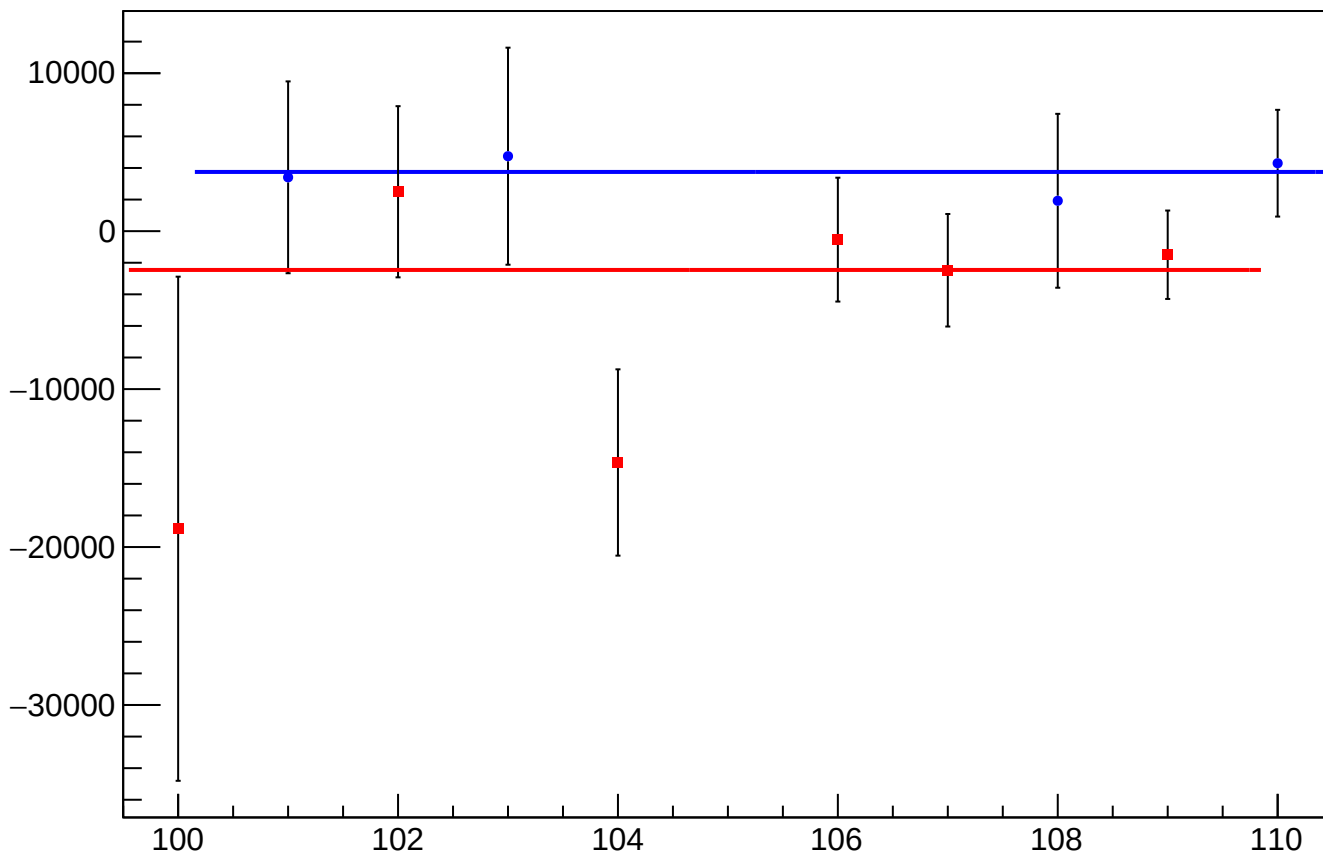
Right: 1823.516+/-0.628 χ^2/NDF : 94814.9/9

In: 1792.306+/-0.901 χ^2/NDF : 44062.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1823.516+/-0.628 χ^2/NDF : 94814.9/9

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3749.236+/-2433.446 χ^2/NDF : 0.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2456.299+/-1719.558 χ^2/NDF : 6.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

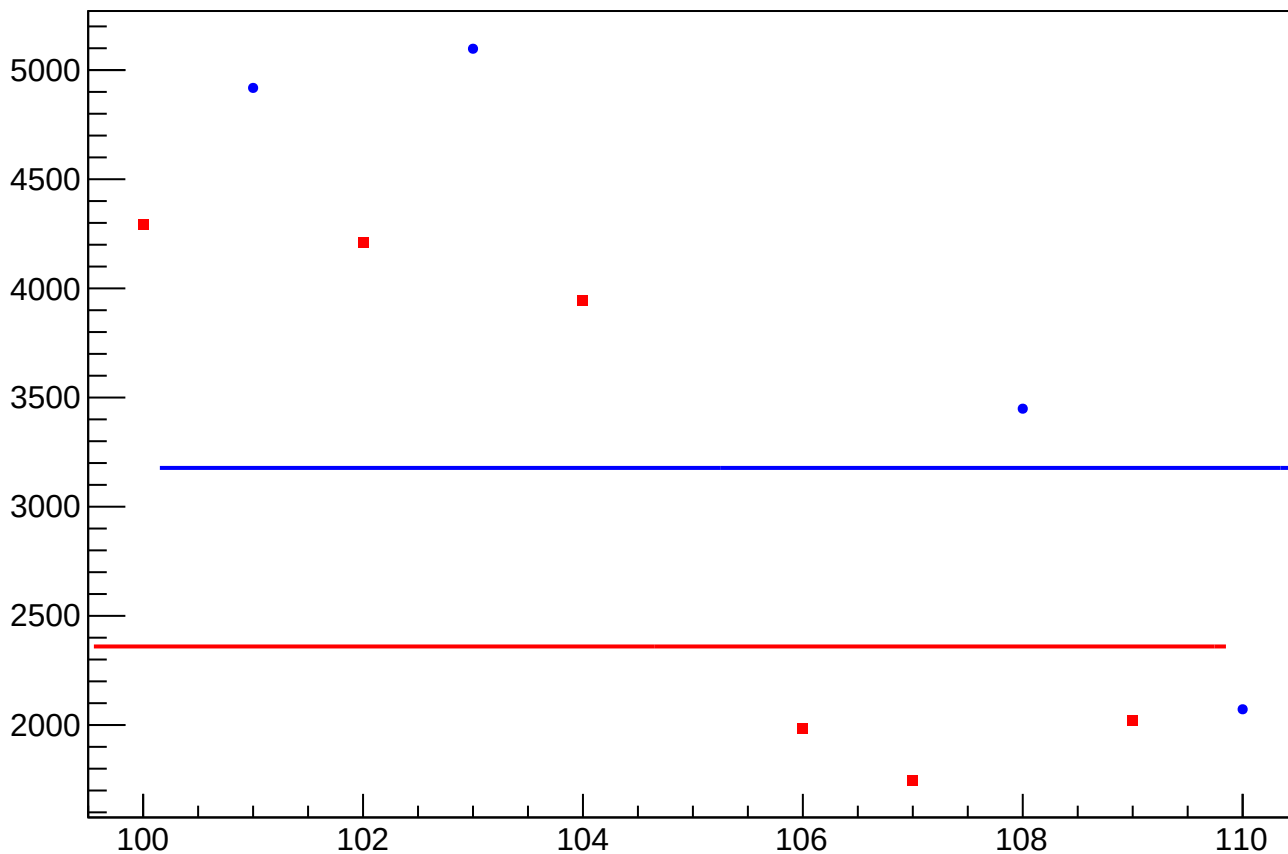
Right: -389.628+/-1404.325 χ^2/NDF : 11.0/9

In: 3749.236+/-2433.446 χ^2/NDF : 0.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -389.628+/-1404.325 χ^2/NDF : 11.0/9

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3177.663+/-1.721 χ^2/NDF : 539415.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2359.773+/-1.216 χ^2/NDF : 513273.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

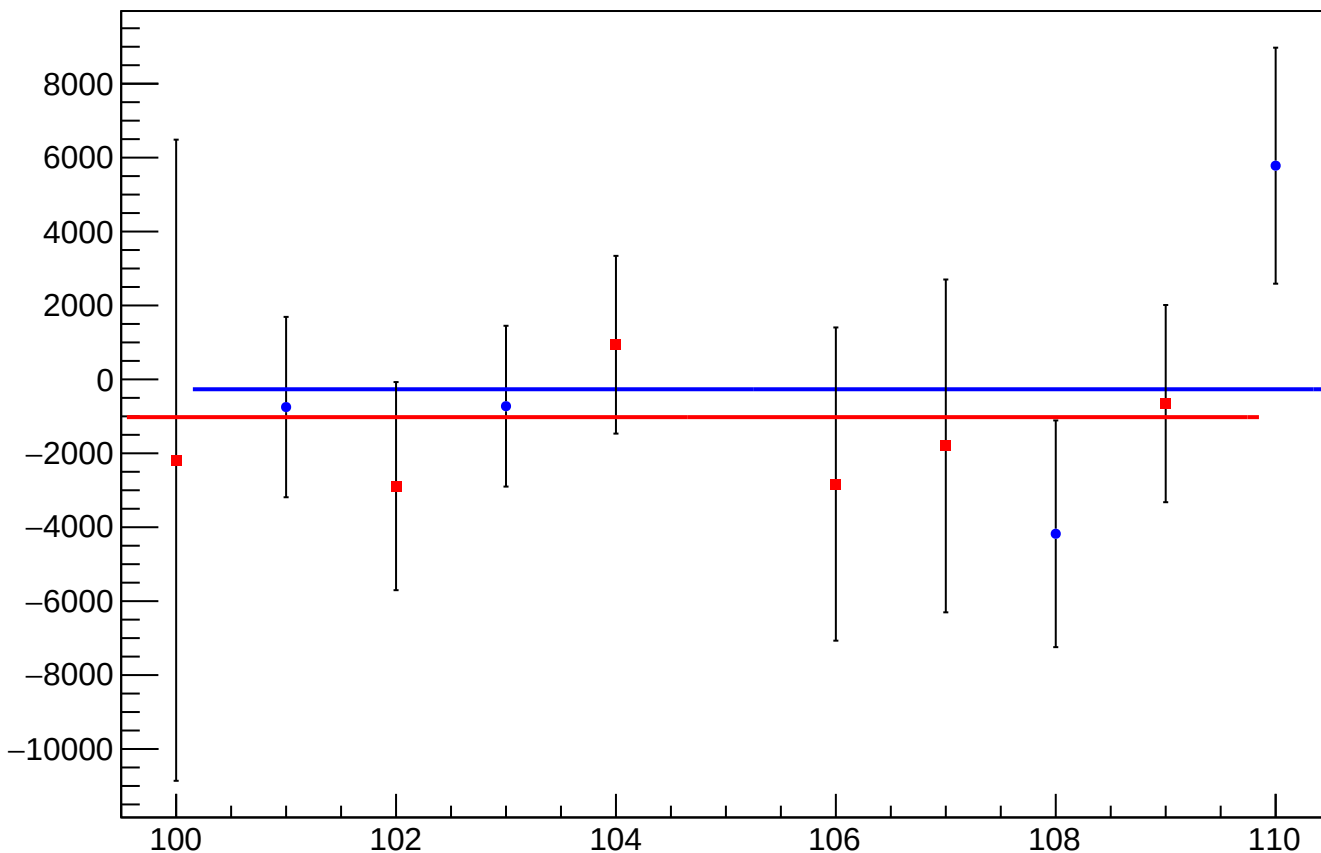
Right: 2632.160+/-0.993 χ^2/NDF : 1203377.1/9

In: 3177.663+/-1.721 χ^2/NDF : 539415.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2632.160+/-0.993 χ^2/NDF : 1203377.1/9

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -267.092+/-1308.899 χ^2/NDF : 5.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1021.275+/-1338.744 χ^2/NDF : 1.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

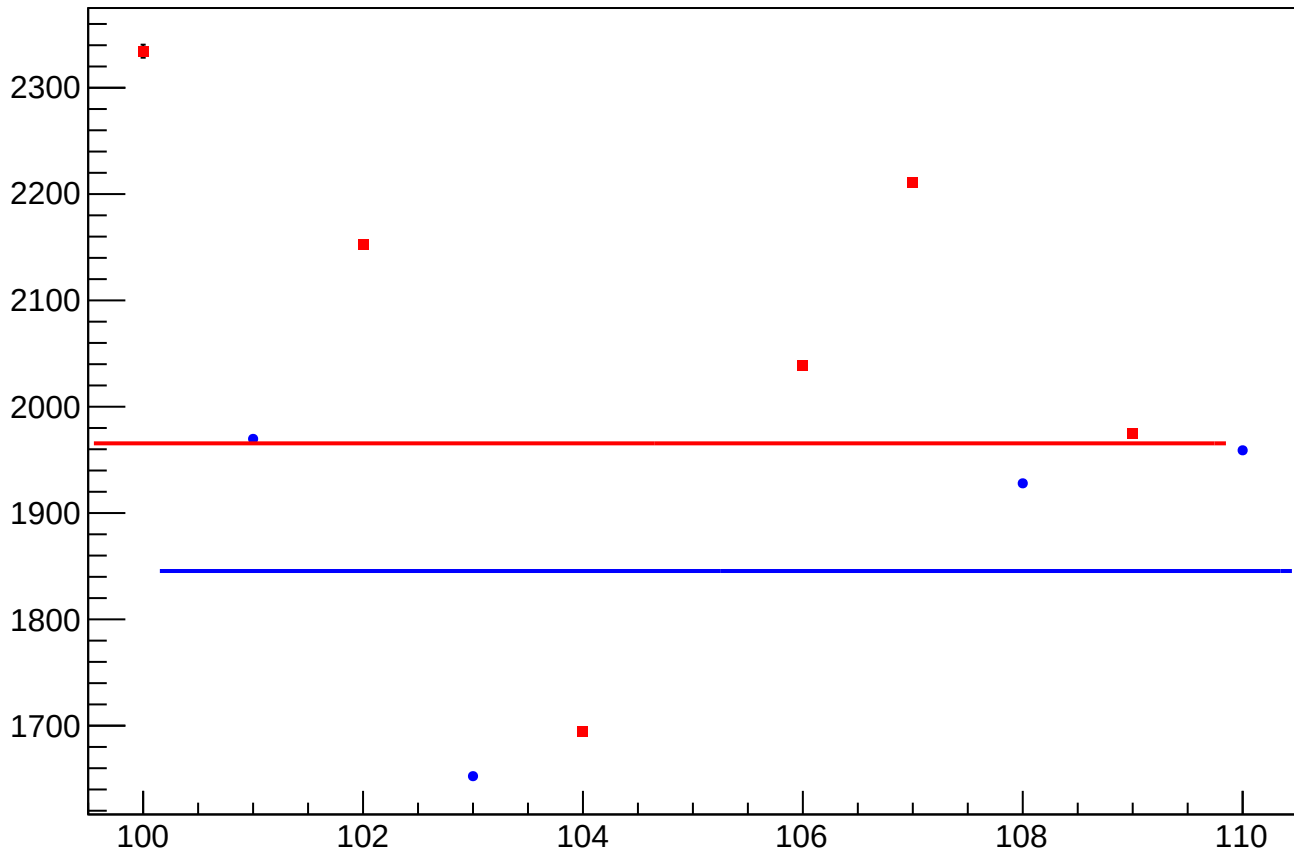
Right: -635.683+/-935.905 χ^2/NDF : 6.8/9

In: -267.092+/-1308.899 χ^2/NDF : 5.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -635.683+/-935.905 χ^2/NDF : 6.8/9

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1845.479+/-0.926 χ^2/NDF : 24898.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1965.551+/-0.937 χ^2/NDF : 44427.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

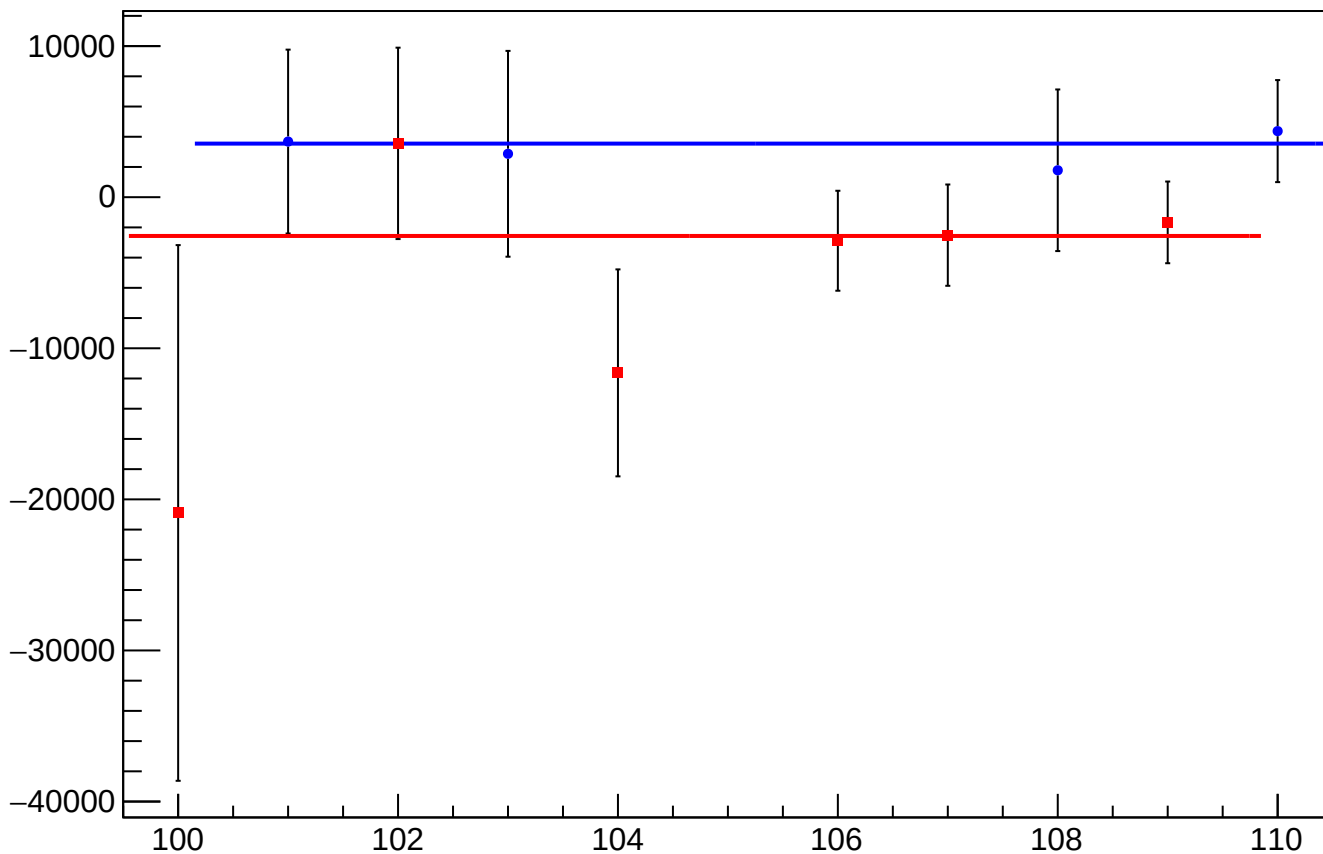
Right: 1904.756+/-0.659 χ^2/NDF : 77635.1/9

In: 1845.479+/-0.926 χ^2/NDF : 24898.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1904.756+/-0.659 χ^2/NDF : 77635.1/9

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3546.278+/-2416.712 χ^2/NDF : 0.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2566.139+/-1651.609 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

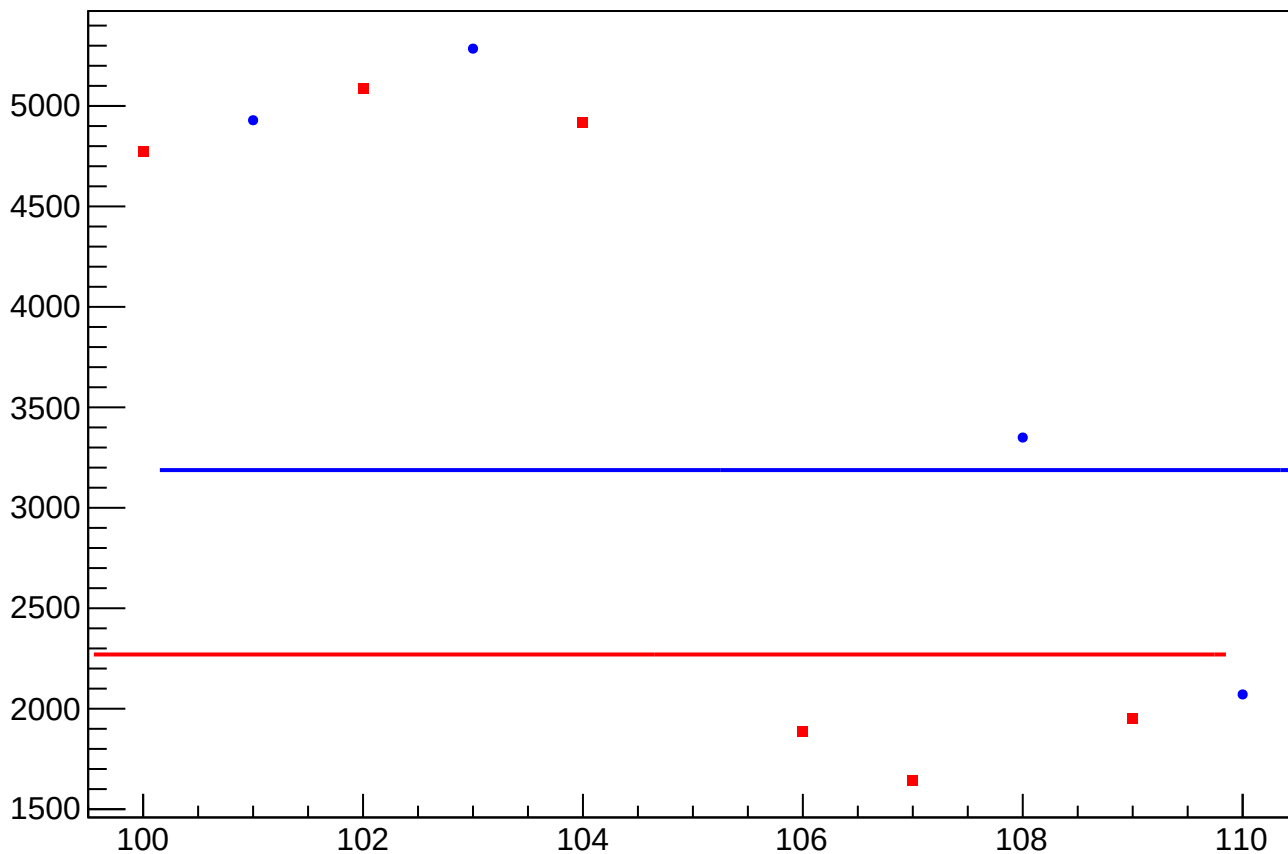
Right: -620.187+/-1363.592 χ^2/NDF : 8.4/9

In: 3546.278+/-2416.712 χ^2/NDF : 0.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -620.187+/-1363.592 χ^2/NDF : 8.4/9

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3187.713+/-1.709 χ^2/NDF : 574000.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2269.957+/-1.168 χ^2/NDF : 859211.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

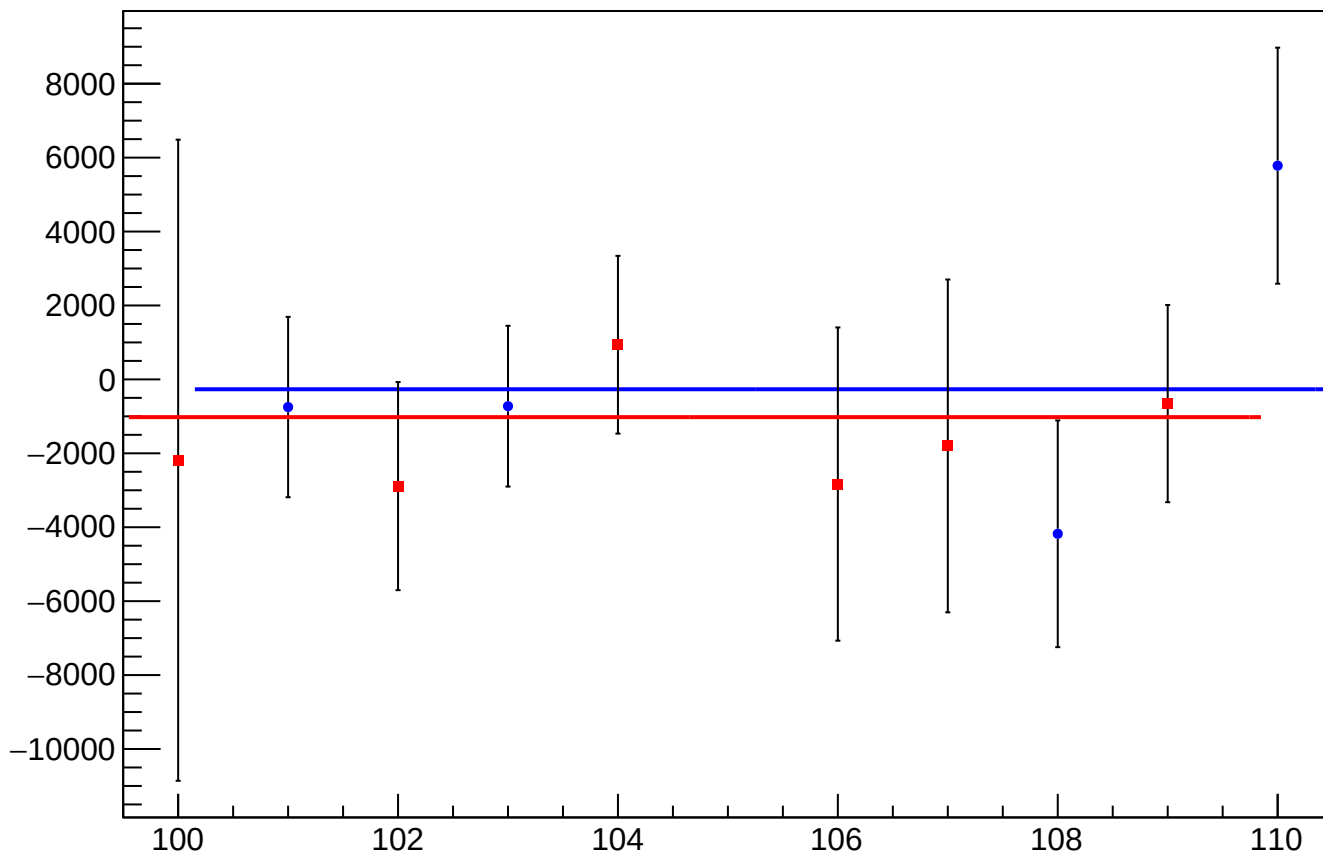
Right: 2562.134+/-0.964 χ^2/NDF : 1629814.0/9

In: 3187.713+/-1.709 χ^2/NDF : 574000.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2562.134+/-0.964 χ^2/NDF : 1629814.0/9

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -267.103+/-1308.899 χ^2/NDF : 5.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1021.282+/-1338.743 χ^2/NDF : 1.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

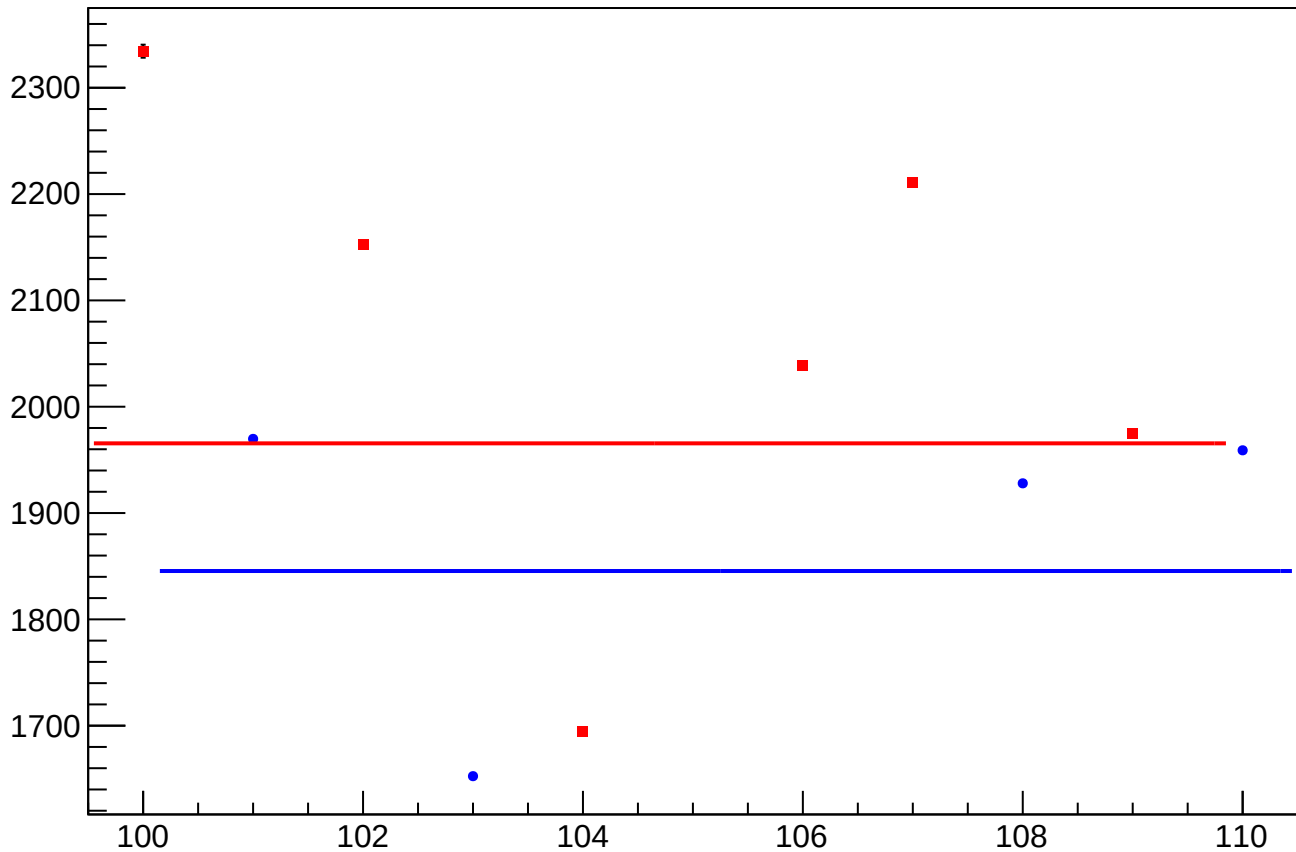
Right: -635.692+/-935.904 χ^2/NDF : 6.8/9

In: -267.103+/-1308.899 χ^2/NDF : 5.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -635.692+/-935.904 χ^2/NDF : 6.8/9

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1845.478+/-0.926 χ^2/NDF : 24899.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1965.550+/-0.937 χ^2/NDF : 44427.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

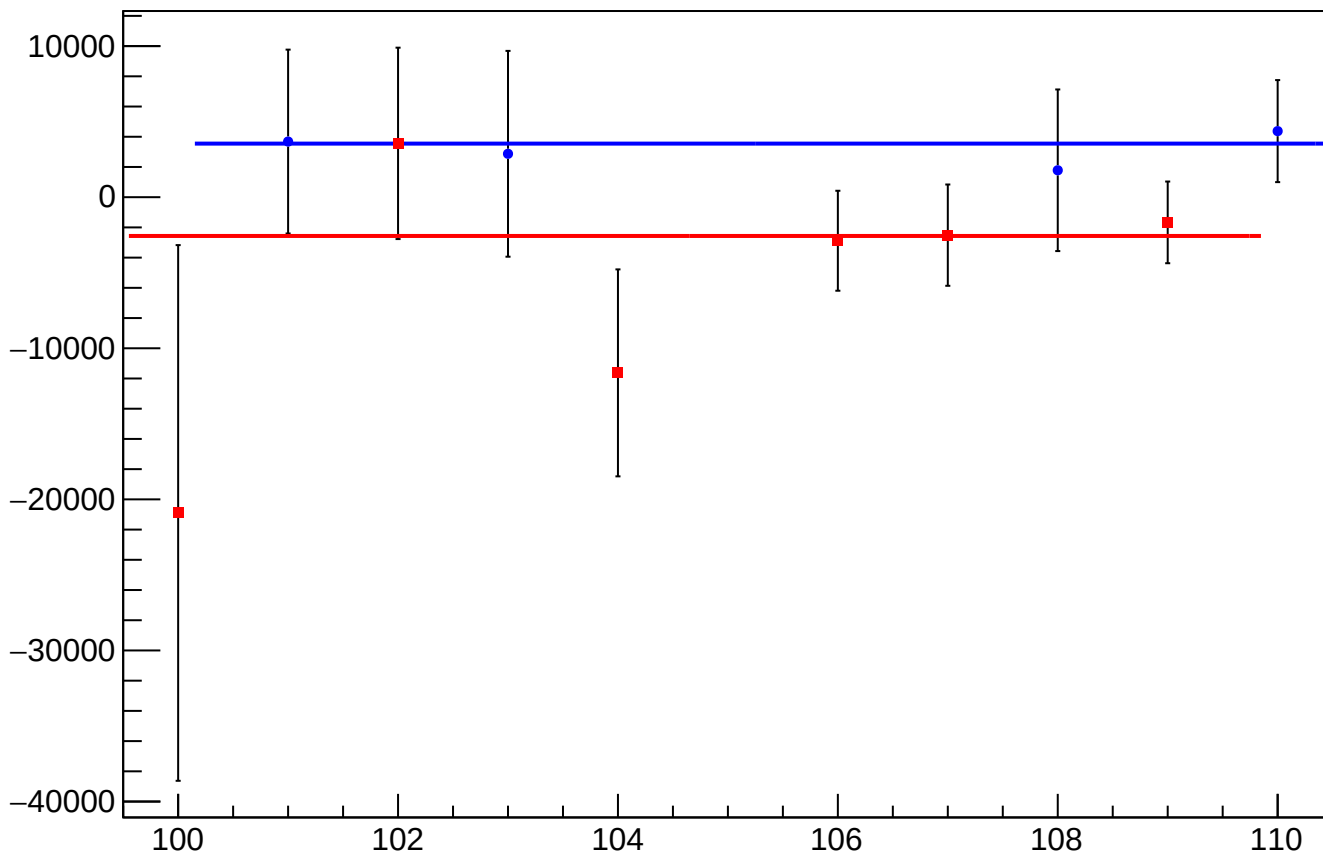
Right: 1904.755+/-0.659 χ^2/NDF : 77635.4/9

In: 1845.478+/-0.926 χ^2/NDF : 24899.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1904.755+/-0.659 χ^2/NDF : 77635.4/9

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3546.260+/-2416.704 χ^2/NDF : 0.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2566.136+/-1651.606 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

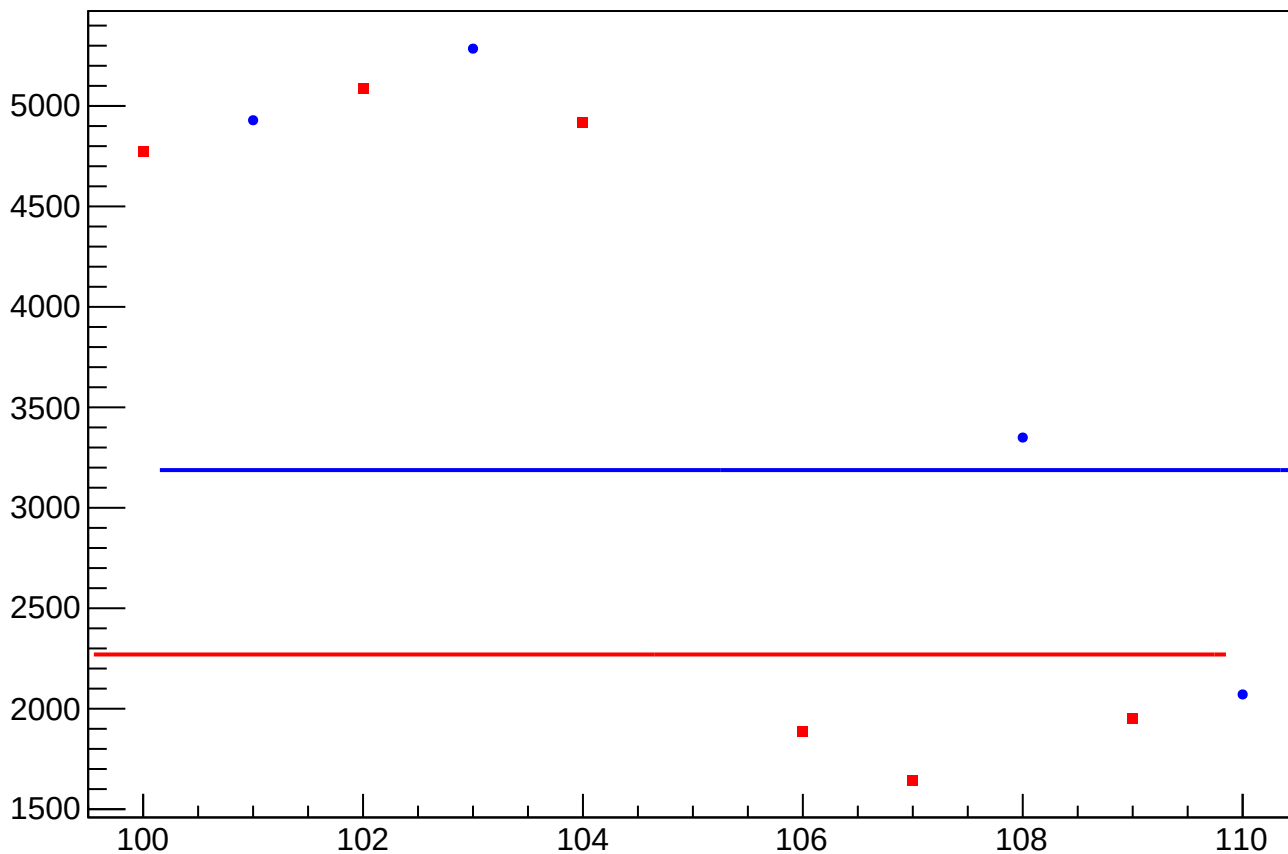
Right: -620.186+/-1363.589 χ^2/NDF : 8.4/9

In: 3546.260+/-2416.704 χ^2/NDF : 0.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -620.186+/-1363.589 χ^2/NDF : 8.4/9

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3187.699+/-1.709 χ^2/NDF : 574005.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2269.952+/-1.168 χ^2/NDF : 859215.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

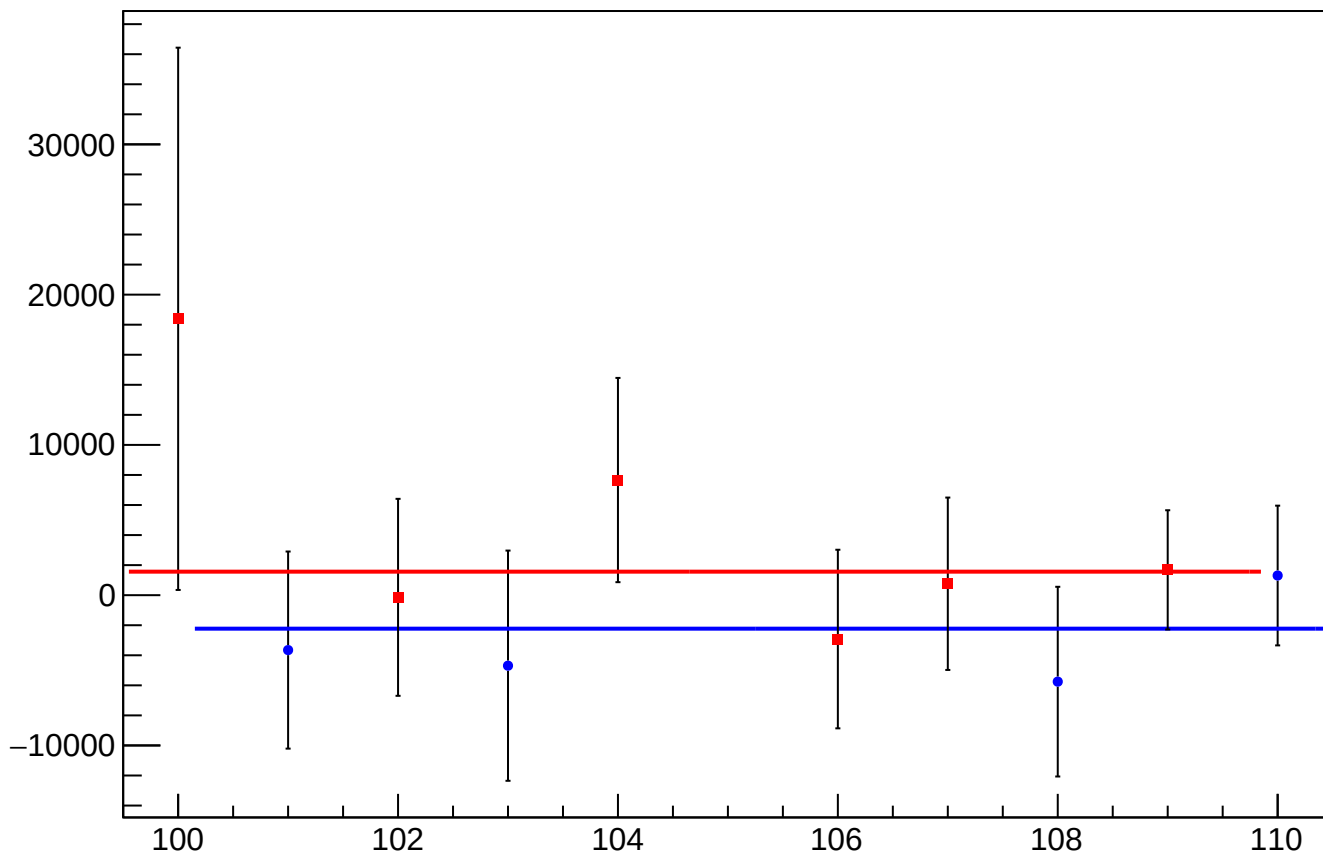
Right: 2562.127+/-0.964 χ^2/NDF : 1629820.7/9

In: 3187.699+/-1.709 χ^2/NDF : 574005.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2562.127+/-0.964 χ^2/NDF : 1629820.7/9

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -2228.643+/-2992.774 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1565.481+/-2423.548 χ^2/NDF : 2.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

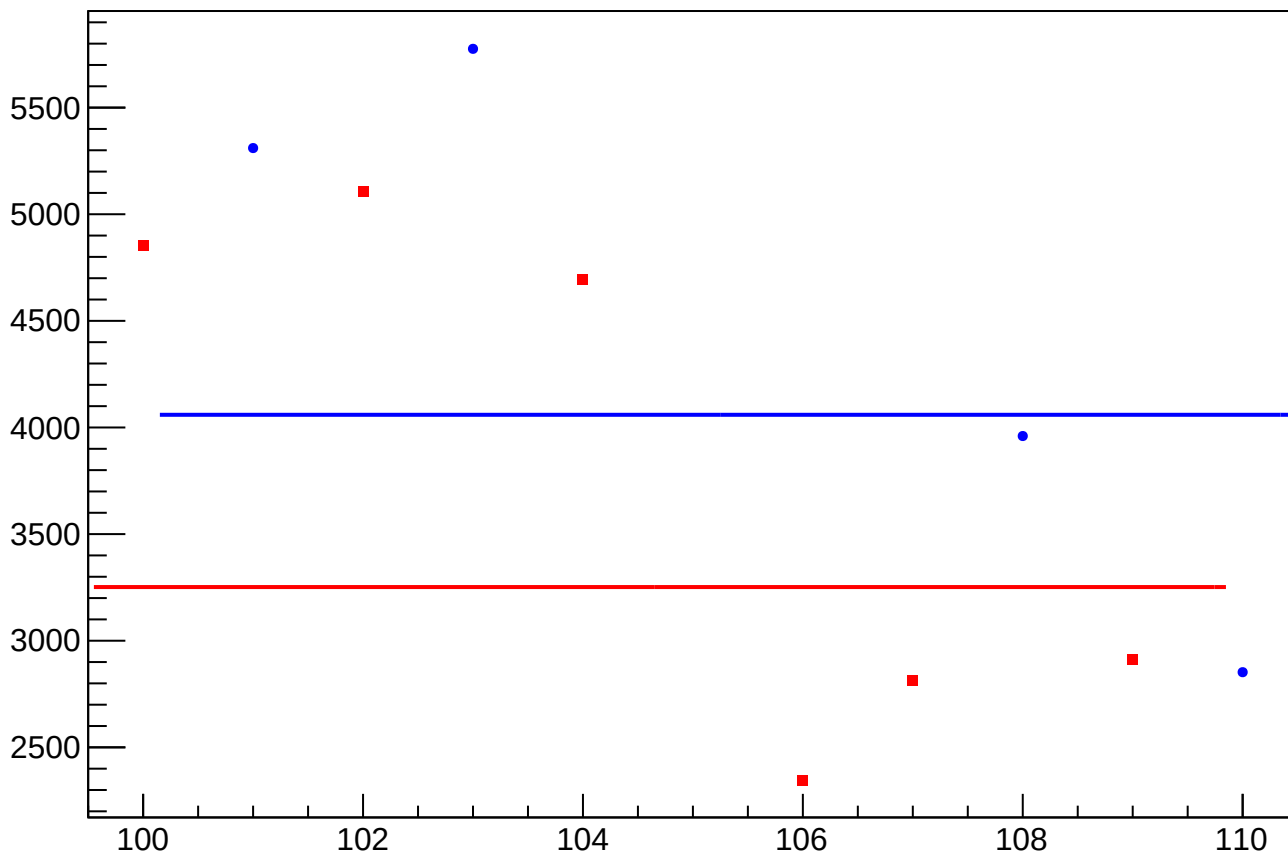
Right: 62.805+/-1883.436 χ^2/NDF : 4.3/9

In: -2228.643+/-2992.774 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.805+/-1883.436 χ^2/NDF : 4.3/9

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 4059.491+/-2.116 χ^2/NDF : 308450.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3251.695+/-1.618 χ^2/NDF : 373024.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

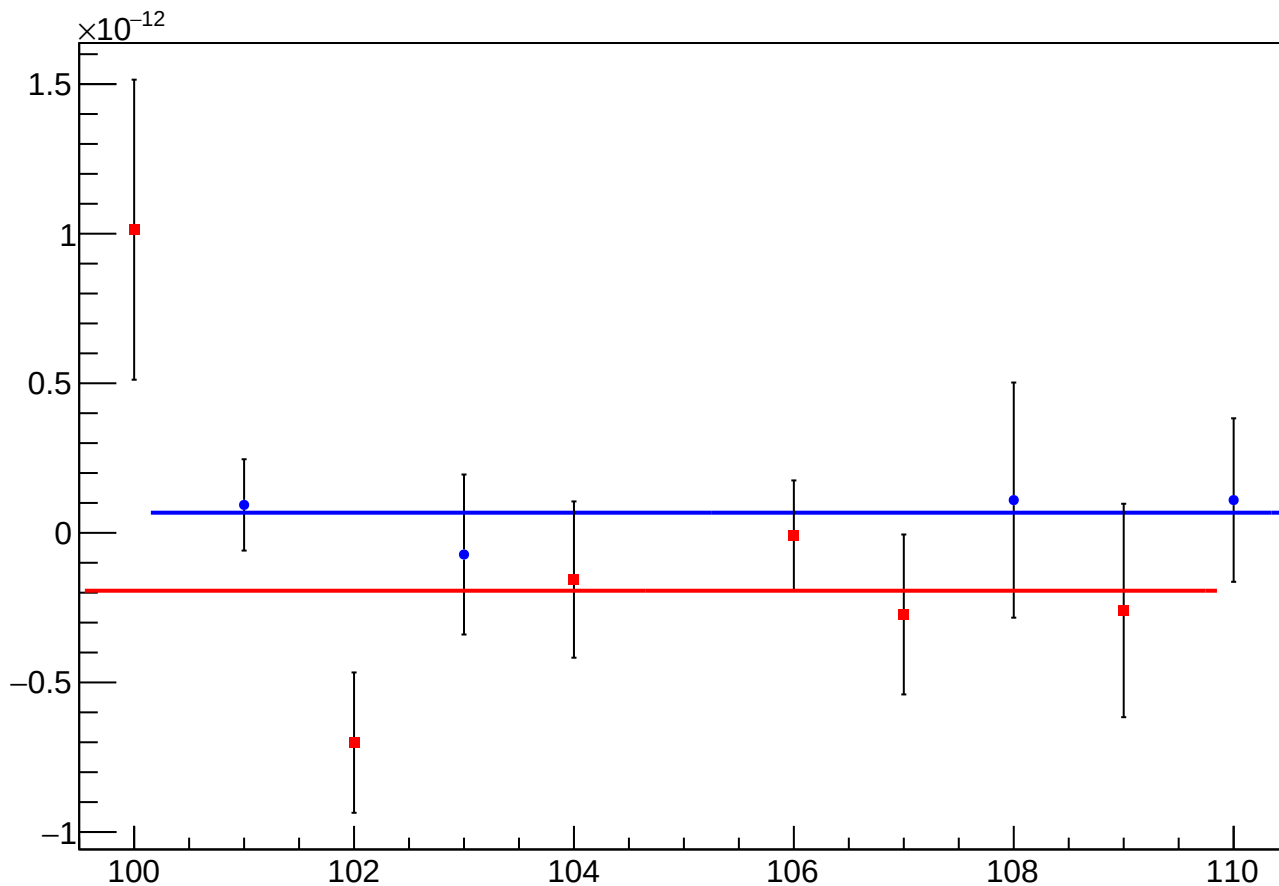
Right: 3549.743+/-1.285 χ^2/NDF : 773424.0/9

In: 4059.491+/-2.116 χ^2/NDF : 308450.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3549.743+/-1.285 χ^2/NDF : 773424.0/9

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.3/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.6/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

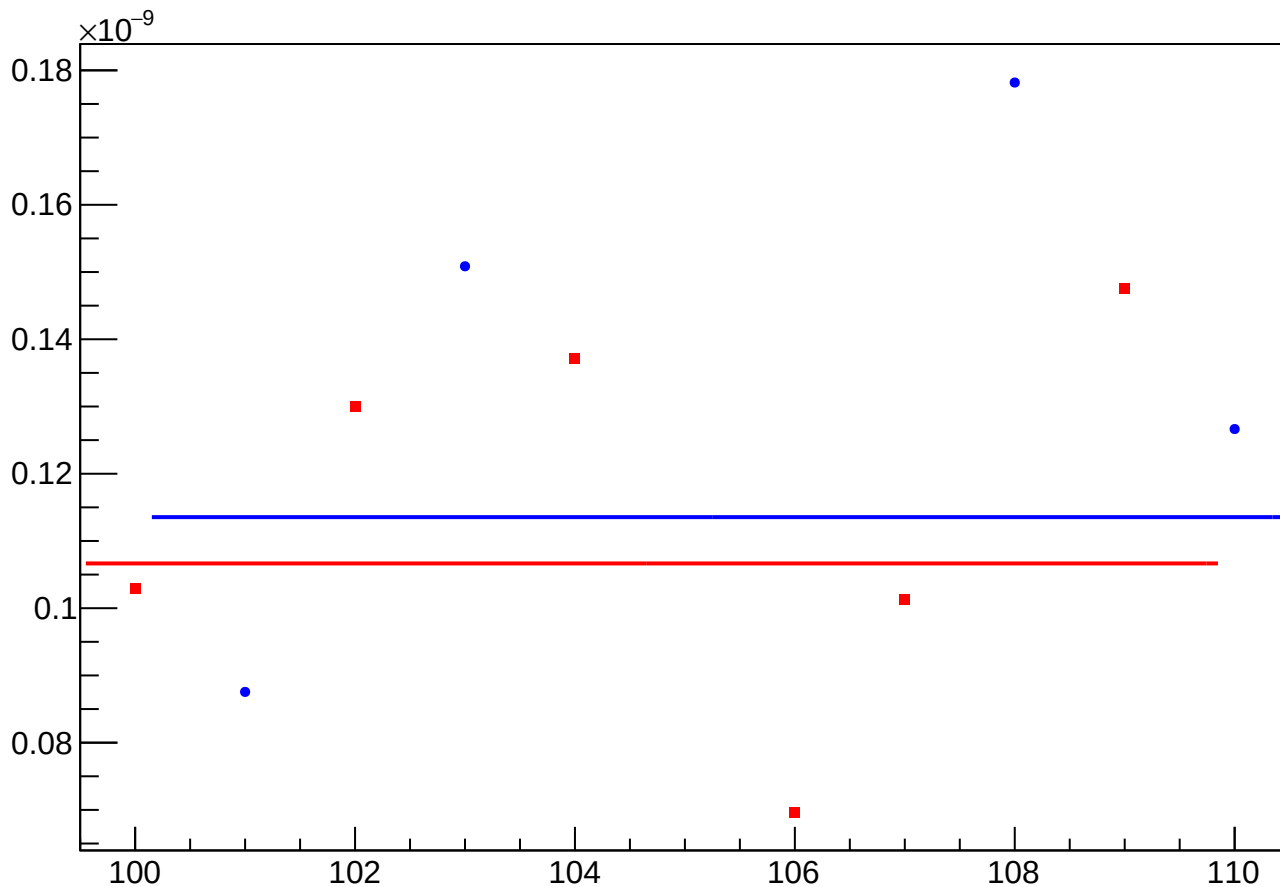
Right: -0.000 ± 0.000 χ^2/NDF : 14.8/9

In: 0.000 ± 0.000 χ^2/NDF : 0.3/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 14.8/9

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 155652.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 156334.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

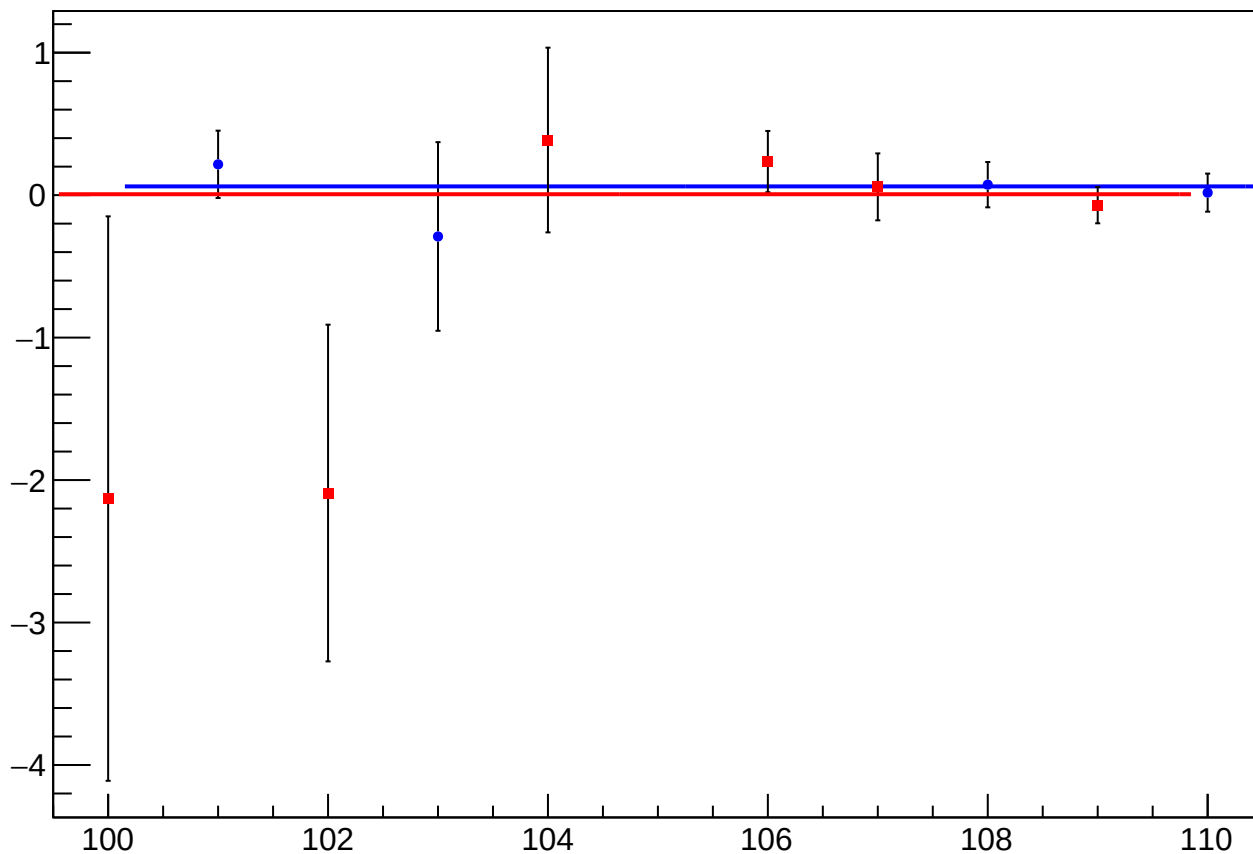
Right: 0.000+/-0.000 χ^2/NDF : 315883.0/9

In: 0.000+/-0.000 χ^2/NDF : 155652.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 315883.0/9

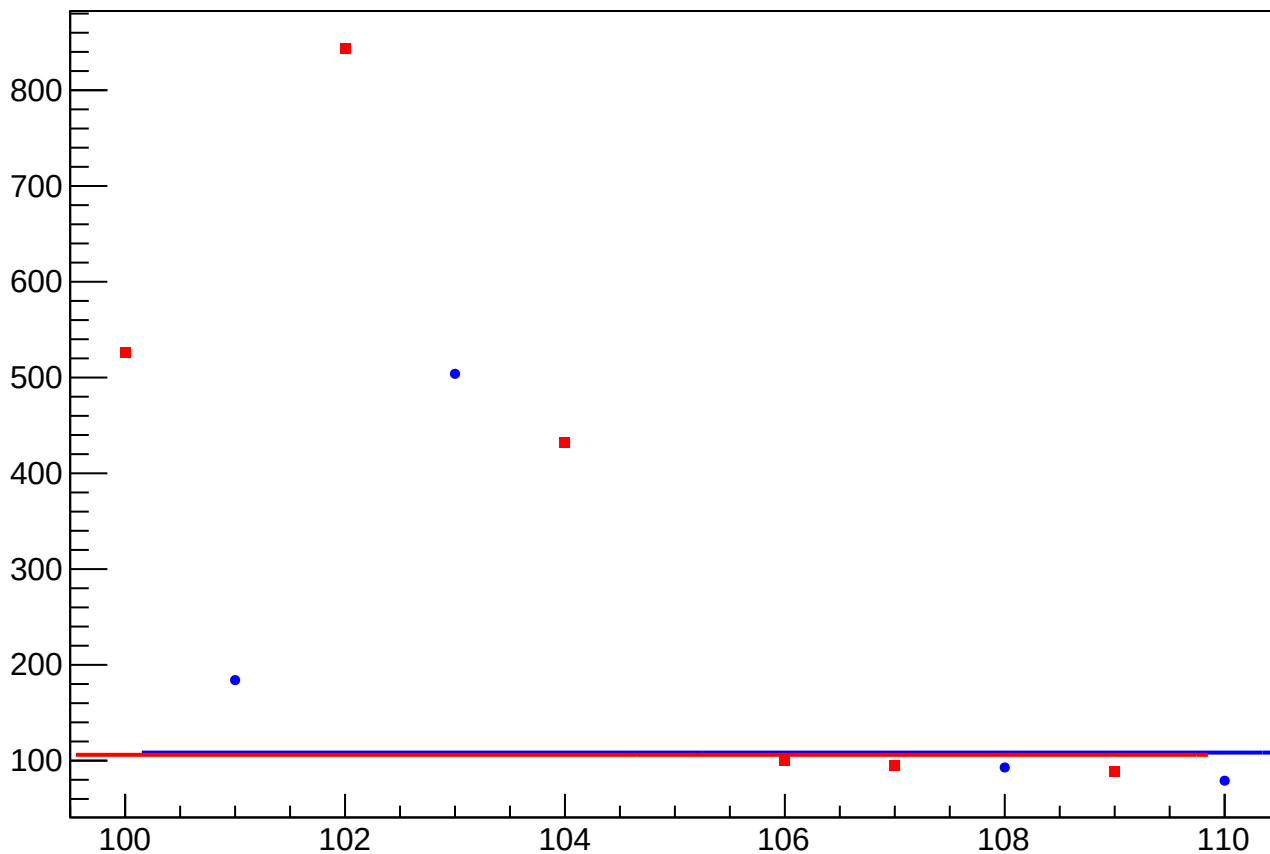
asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.061 $\pm$ 0.093 χ^2 /NDF: 0.8/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.006 $\pm$ 0.098 χ^2 /NDF: 6.2/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.035 $\pm$ 0.067 χ^2 /NDF: 7.2/9
 In: 0.061 $\pm$ 0.093 χ^2 /NDF: 0.8/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.035 $\pm$ 0.067 χ^2 /NDF: 7.2/9

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.410+/-0.066 χ^2/NDF : 1034617.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.084+/-0.069 χ^2/NDF : 1419314.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

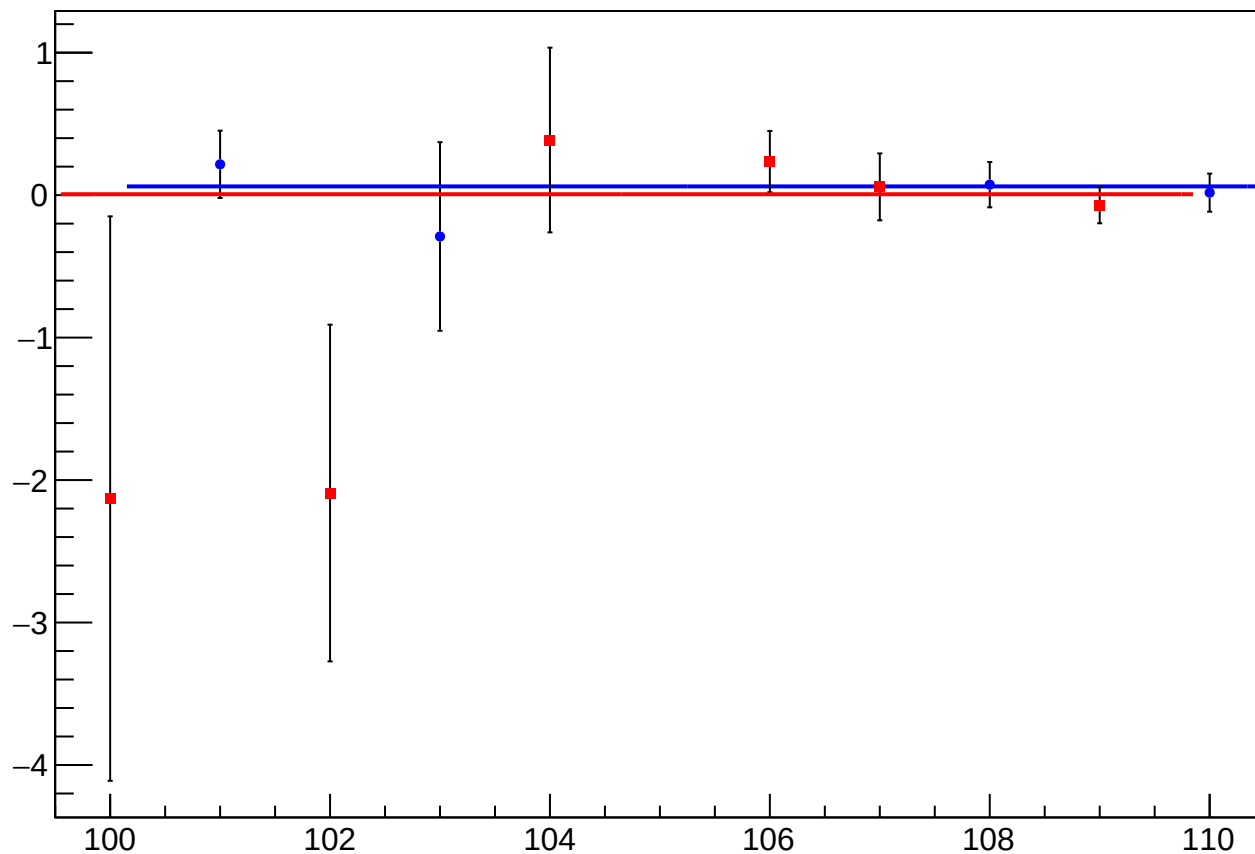
Right: 107.304+/-0.048 χ^2/NDF : 2454527.1/9

In: 108.410+/-0.066 χ^2/NDF : 1034617.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.304+/-0.048 χ^2/NDF : 2454527.1/9

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.061 $\pm$ 0.093 χ^2 /NDF: 0.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.098 χ^2 /NDF: 6.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

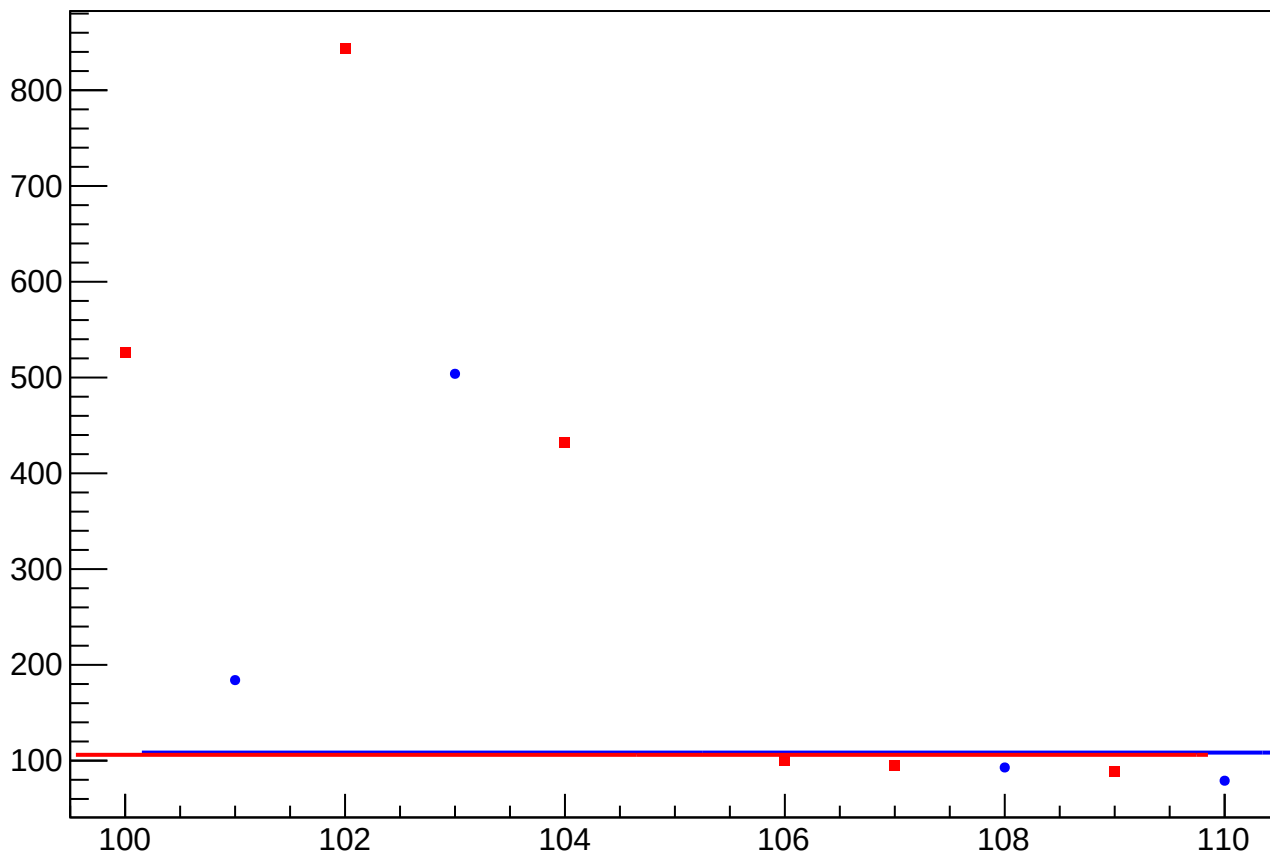
Right: 0.035 $\pm$ 0.067 χ^2 /NDF: 7.2/9

In: 0.061 $\pm$ 0.093 χ^2 /NDF: 0.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.067 χ^2 /NDF: 7.2/9

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.410+/-0.066 χ^2/NDF : 1034617.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.084+/-0.069 χ^2/NDF : 1419314.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

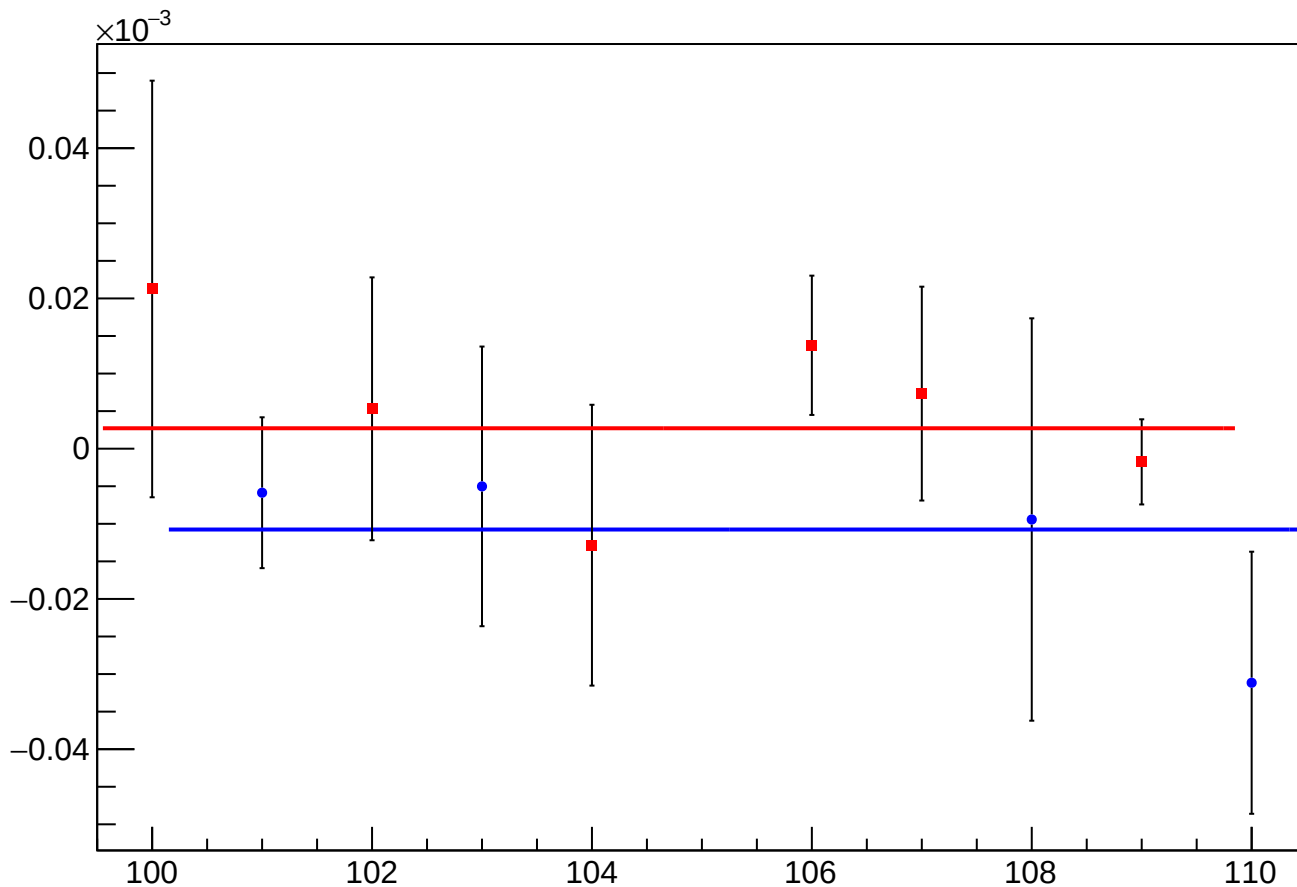
Right: 107.304+/-0.048 χ^2/NDF : 2454527.1/9

In: 108.410+/-0.066 χ^2/NDF : 1034617.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.304+/-0.048 χ^2/NDF : 2454527.1/9

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.7/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.3/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

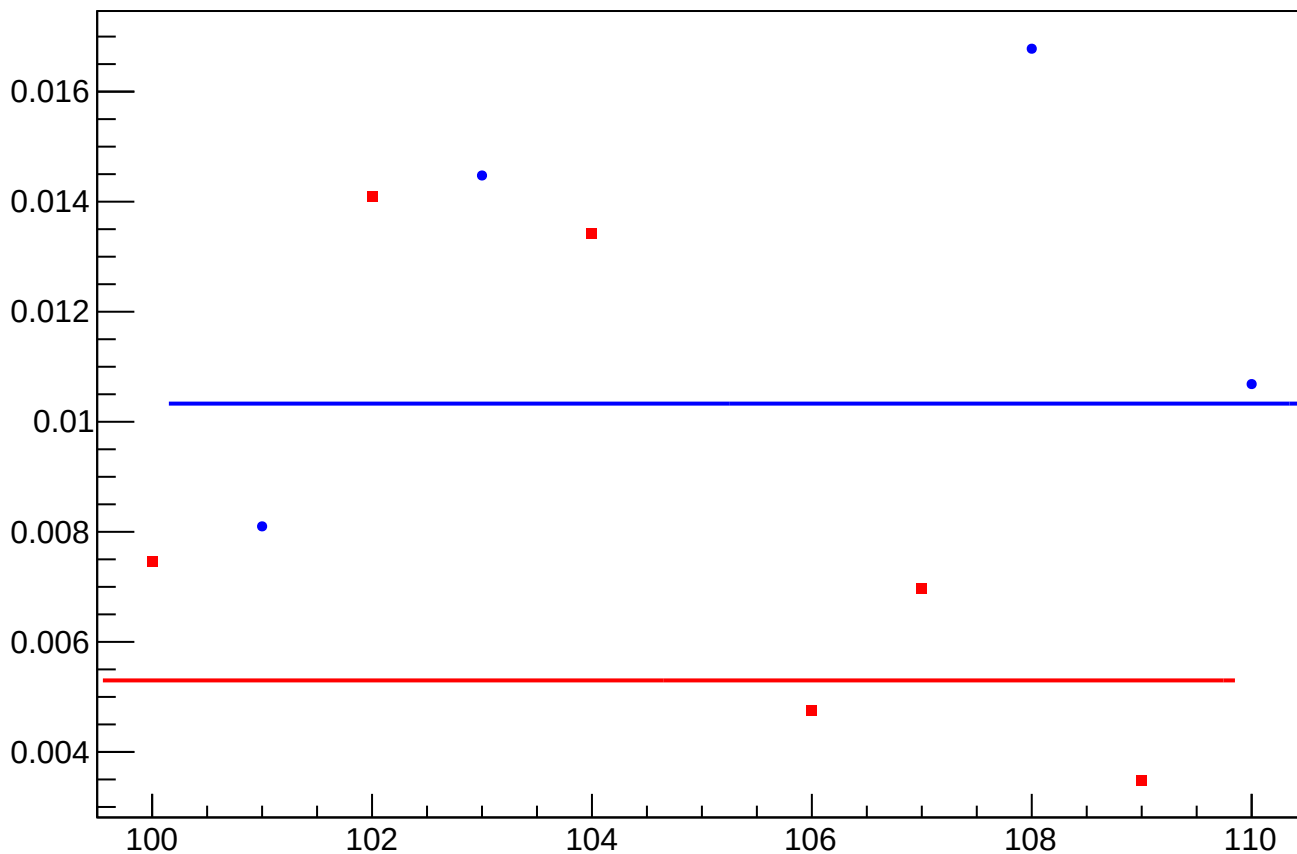
Right: -0.000+/-0.000 χ^2 /NDF: 7.4/9

In: -0.000+/-0.000 χ^2 /NDF:1.7/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 7.4/9

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 314762.3/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1136682.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

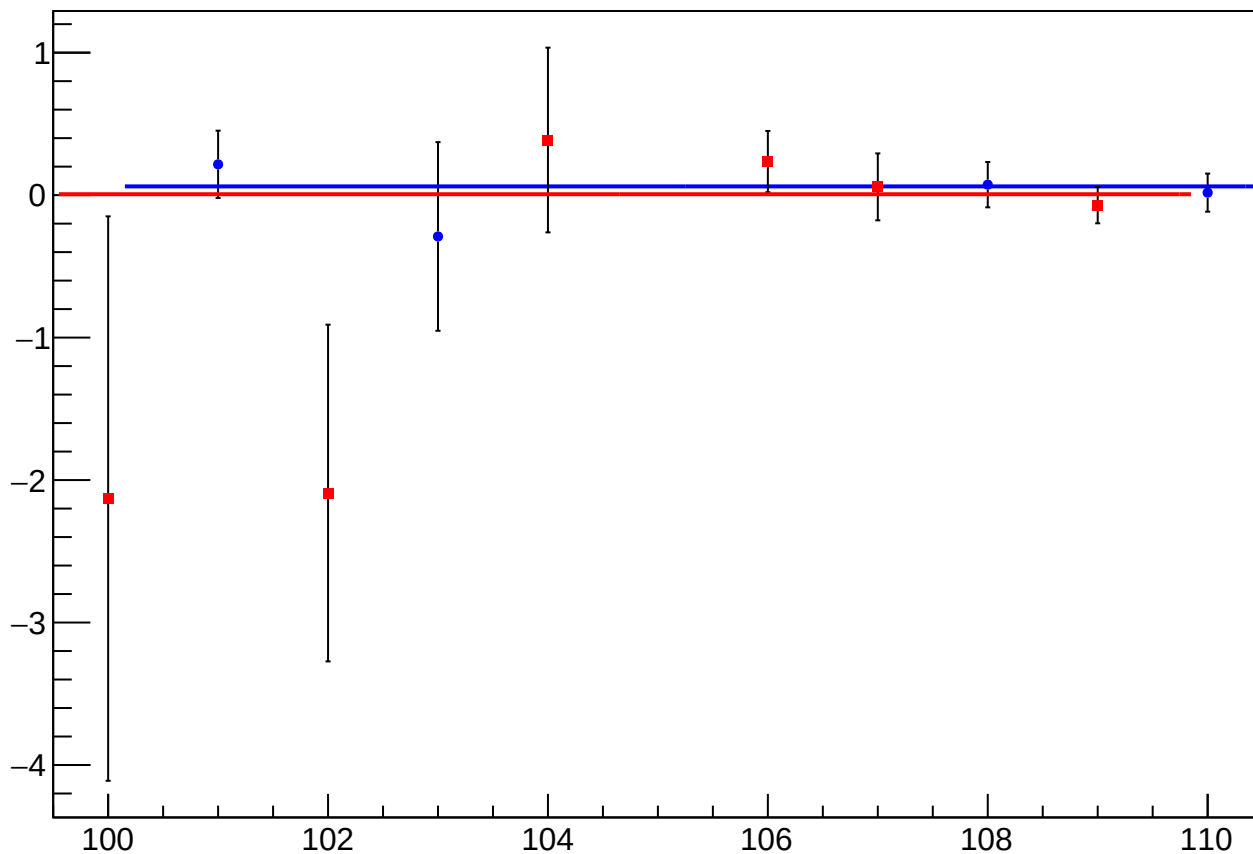
Right: 0.007+/-0.000 χ^2/NDF : 2123333.9/9

In: 0.010+/-0.000 χ^2/NDF :314762.3/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2123333.9/9

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.061 $\pm$ 0.093 χ^2 /NDF: 0.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.098 χ^2 /NDF: 6.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

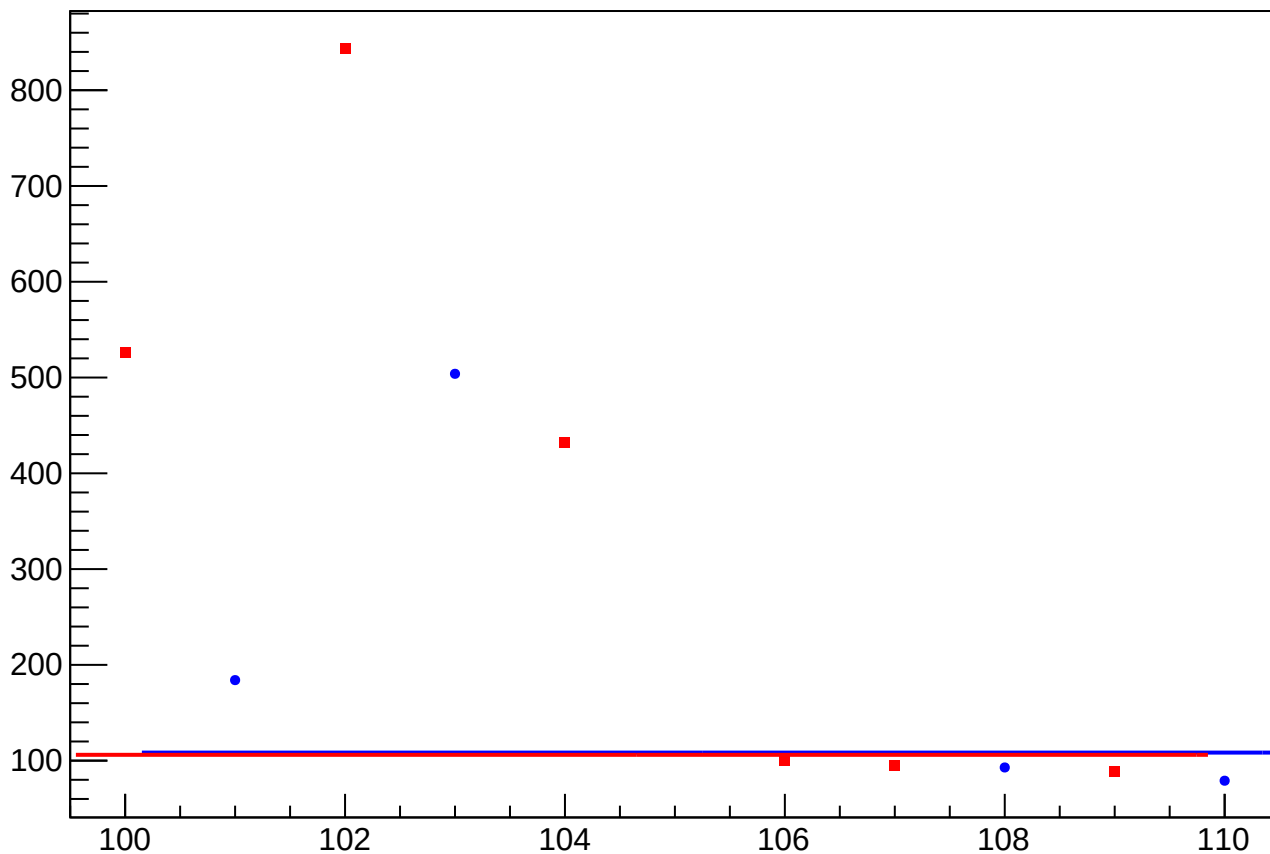
Right: 0.035 $\pm$ 0.067 χ^2 /NDF: 7.2/9

In: 0.061 $\pm$ 0.093 χ^2 /NDF: 0.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.067 χ^2 /NDF: 7.2/9

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.415+/-0.066 χ^2/NDF : 1034562.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.085+/-0.069 χ^2/NDF : 1419300.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

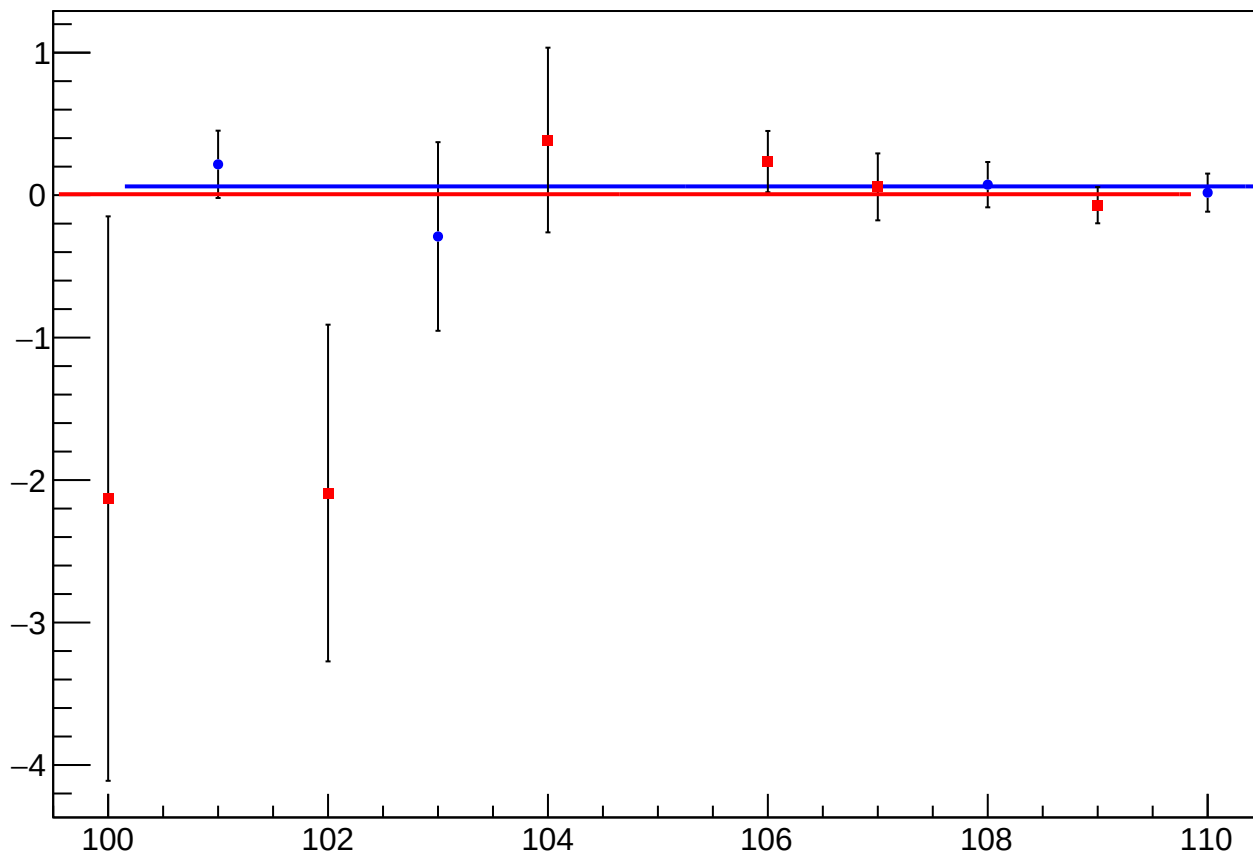
Right: 107.307+/-0.048 χ^2/NDF : 2454460.4/9

In: 108.415+/-0.066 χ^2/NDF : 1034562.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.307+/-0.048 χ^2/NDF : 2454460.4/9

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.061 $\pm$ 0.093 χ^2 /NDF: 0.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.098 χ^2 /NDF: 6.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

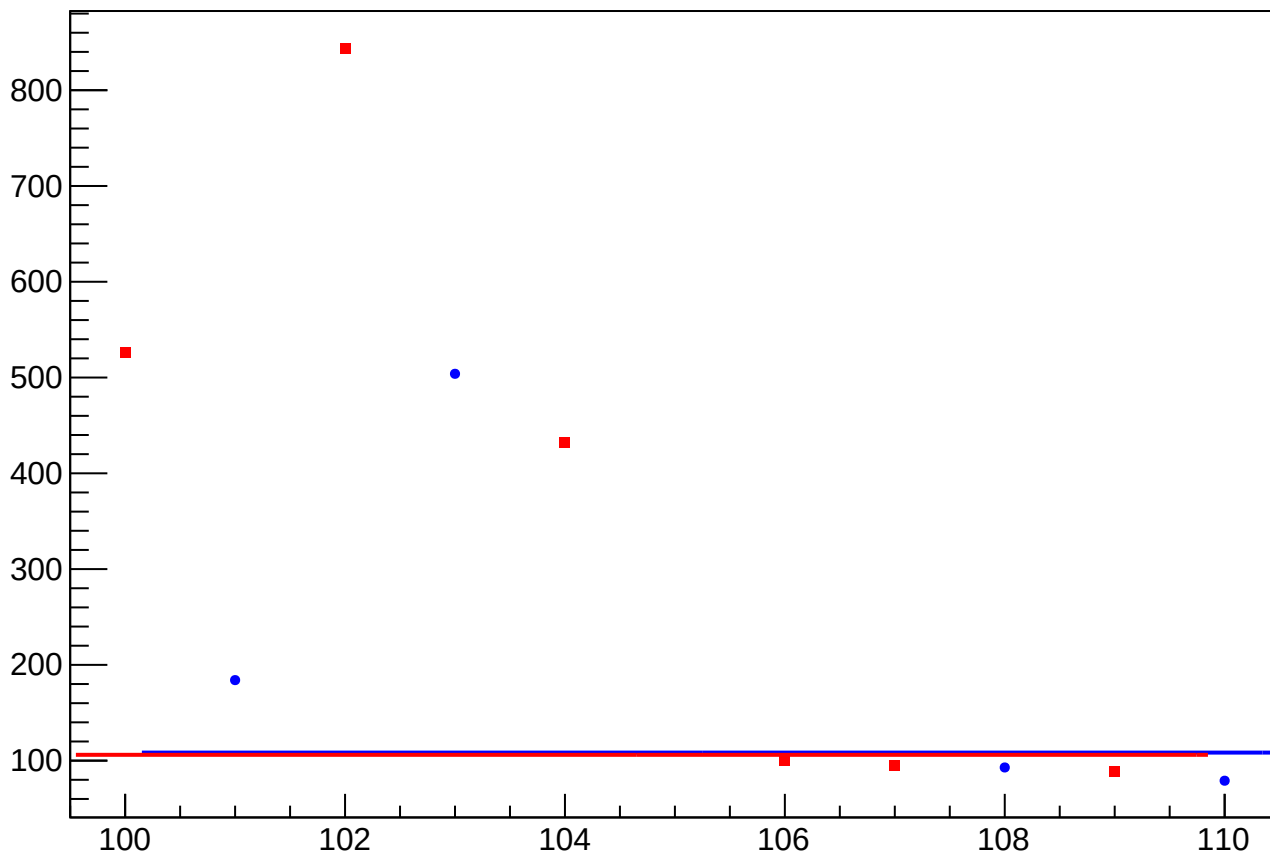
Right: 0.035 $\pm$ 0.067 χ^2 /NDF: 7.2/9

In: 0.061 $\pm$ 0.093 χ^2 /NDF: 0.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.067 χ^2 /NDF: 7.2/9

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.415+/-0.066 χ^2/NDF : 1034562.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.085+/-0.069 χ^2/NDF : 1419300.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

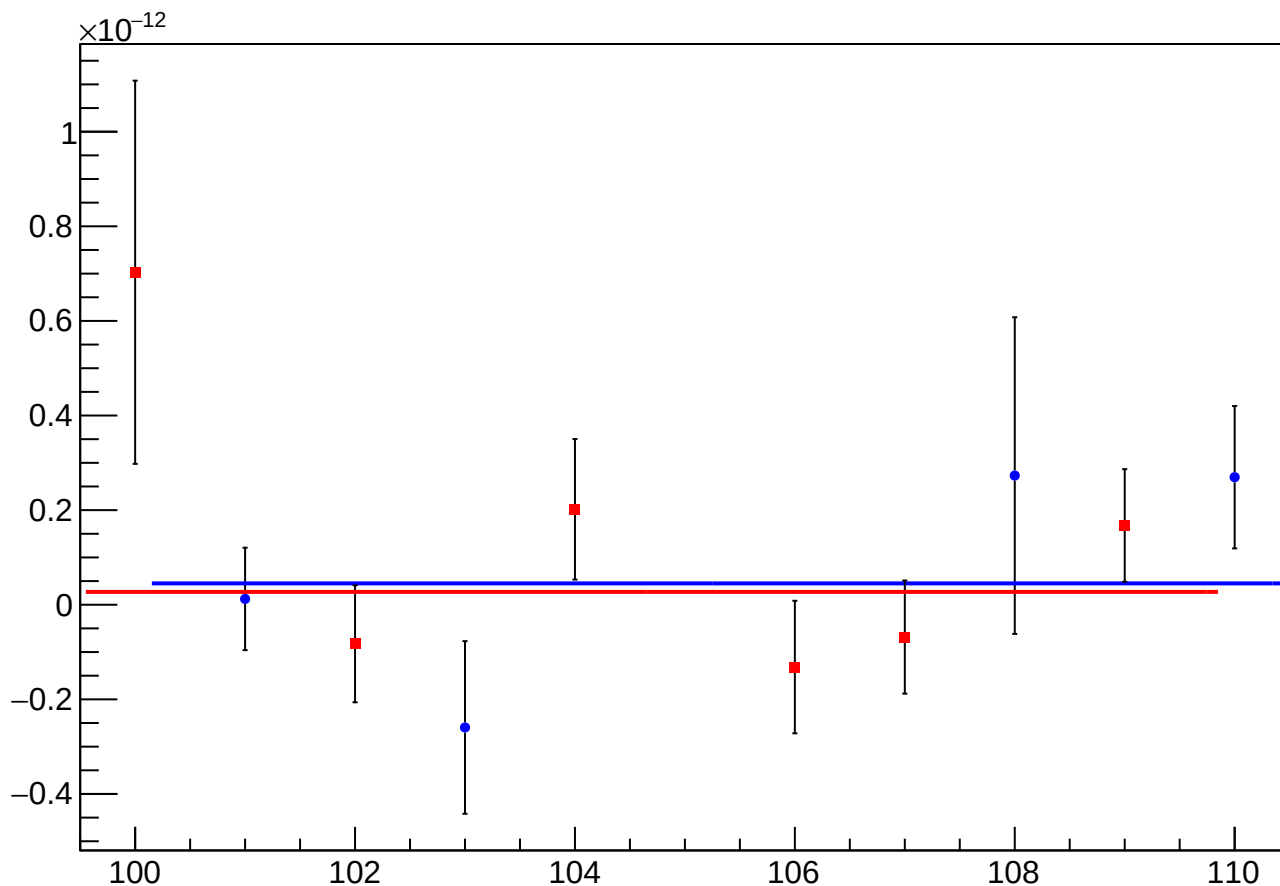
Right: 107.307+/-0.048 χ^2/NDF : 2454460.4/9

In: 108.415+/-0.066 χ^2/NDF : 1034562.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.307+/-0.048 χ^2/NDF : 2454460.4/9

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

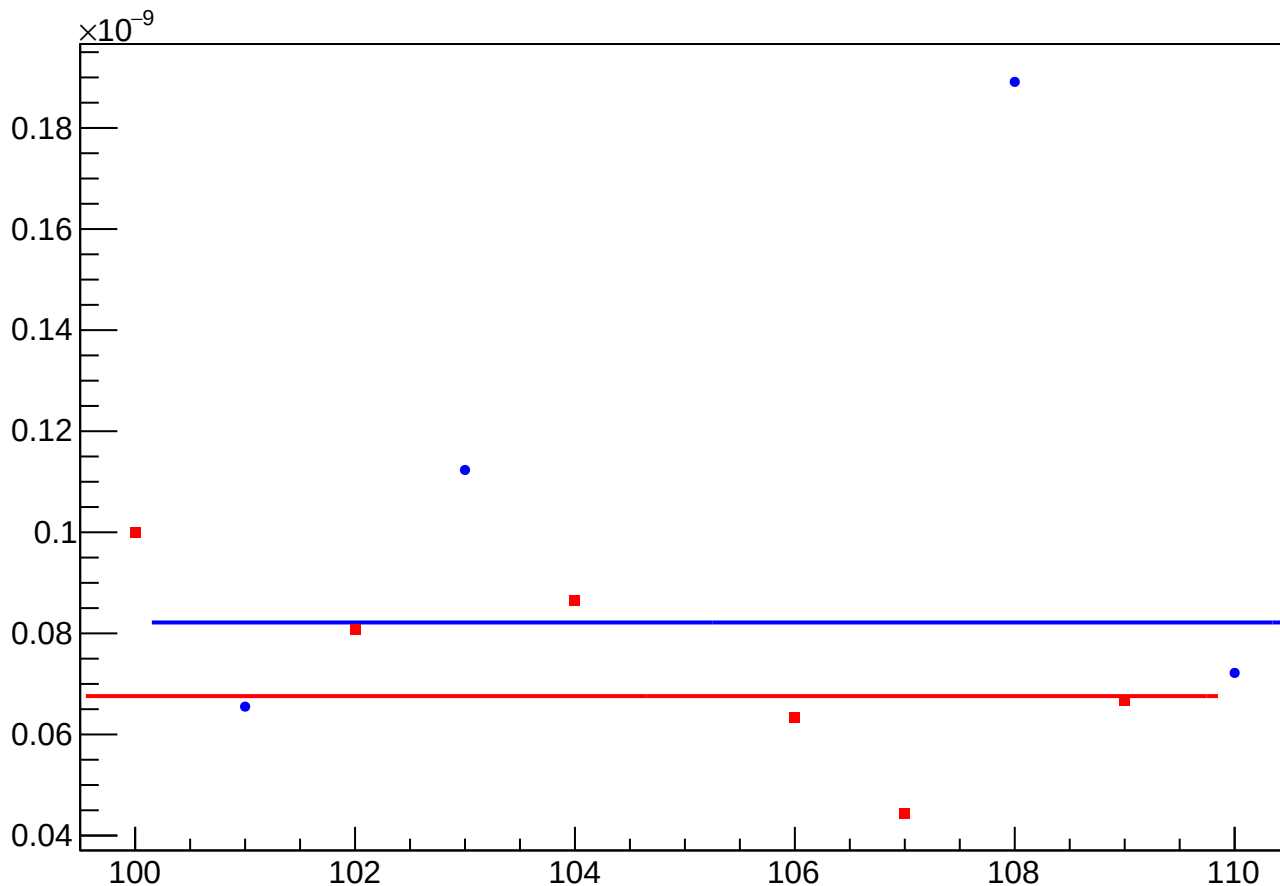
Right: 0.000+/-0.000 χ^2/NDF : 13.9/9

In: 0.000+/-0.000 χ^2/NDF : 5.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.9/9

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 315009.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 144794.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

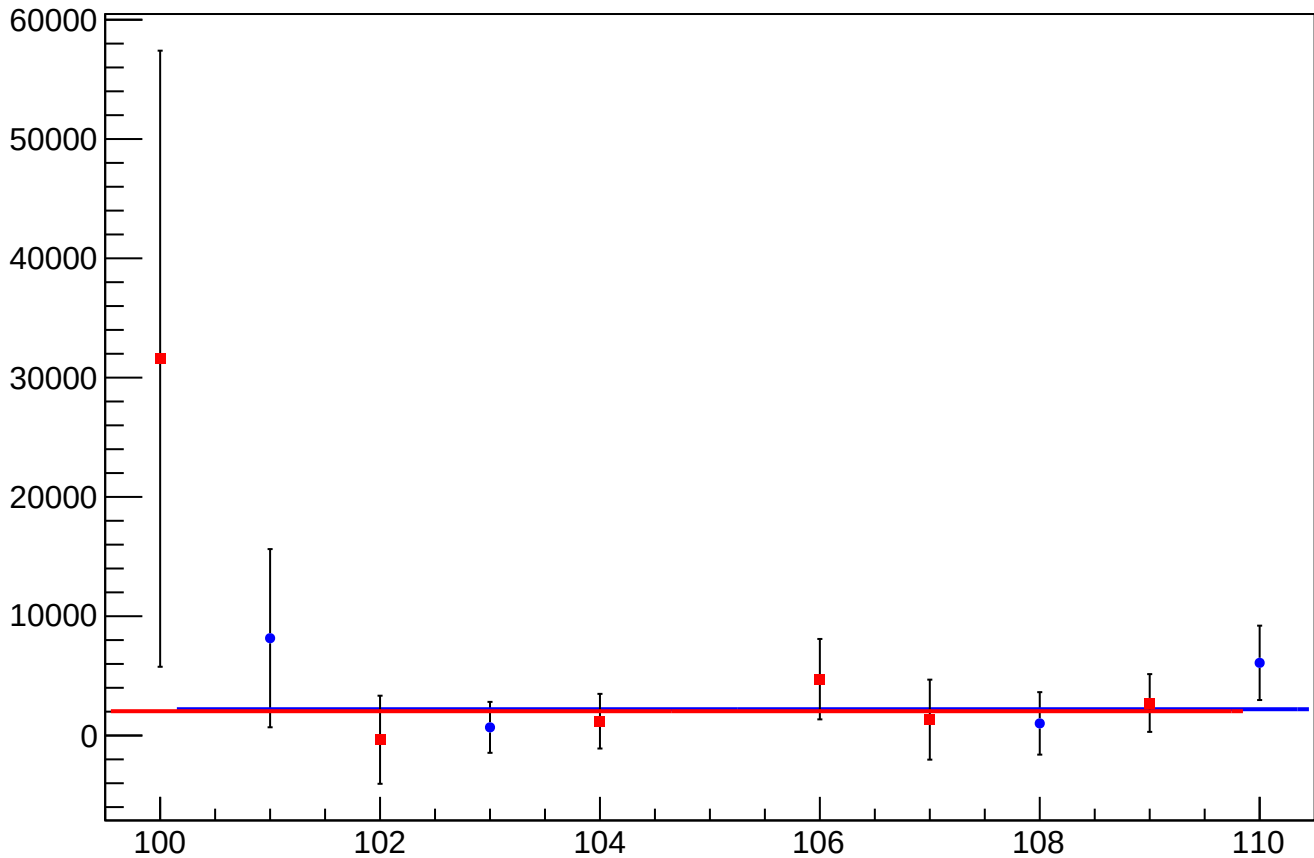
Right: 0.000+/-0.000 χ^2/NDF : 506013.5/9

In: 0.000+/-0.000 χ^2/NDF : 315009.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 506013.5/9

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2204.321+/-1434.329 χ^2 /NDF: 2.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2038.028+/-1277.233 χ^2 /NDF: 2.6/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

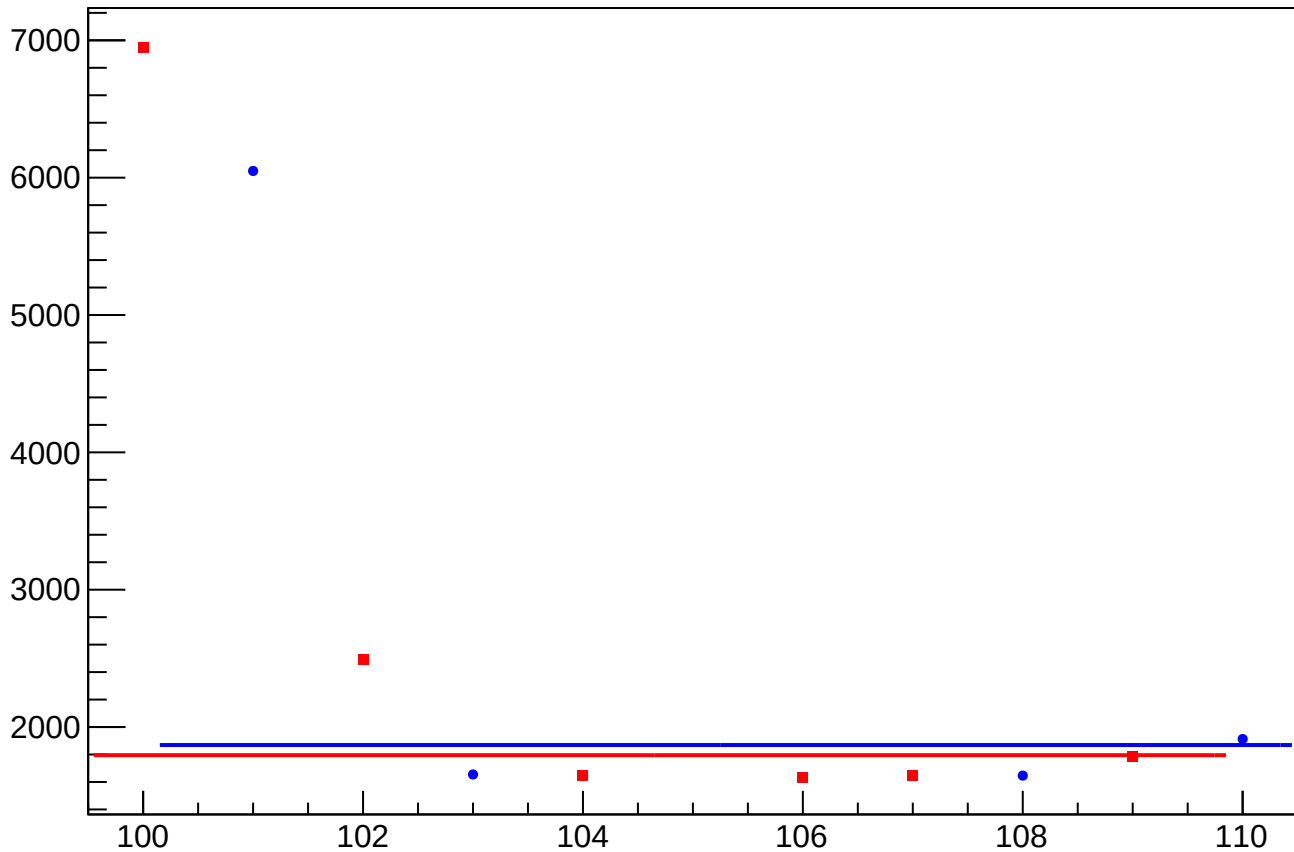
Right: 2111.572+/-953.865 χ^2 /NDF: 5.5/9

In: 2204.321+/-1434.329 χ^2 /NDF:2.9/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2111.572+/-953.865 χ^2 /NDF: 5.5/9

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1868.900+/-1.014 χ^2/NDF : 661425.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1794.878+/-0.893 χ^2/NDF : 167885.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

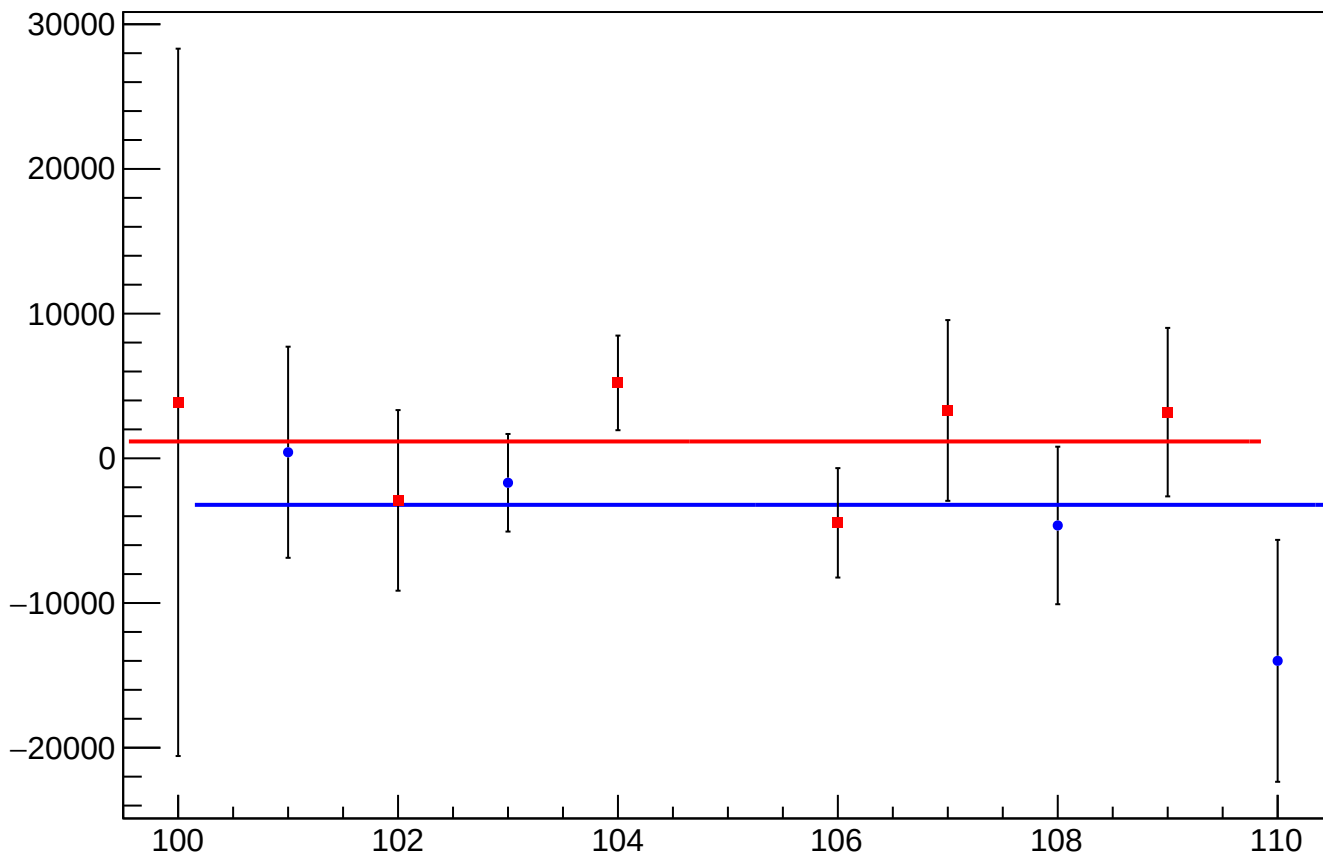
Right: 1827.210+/-0.670 χ^2/NDF : 832311.6/9

In: 1868.900+/-1.014 χ^2/NDF : 661425.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1827.210+/-0.670 χ^2/NDF : 832311.6/9

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3215.045+/-2542.051 χ^2/NDF : 2.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1165.471+/-2016.368 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

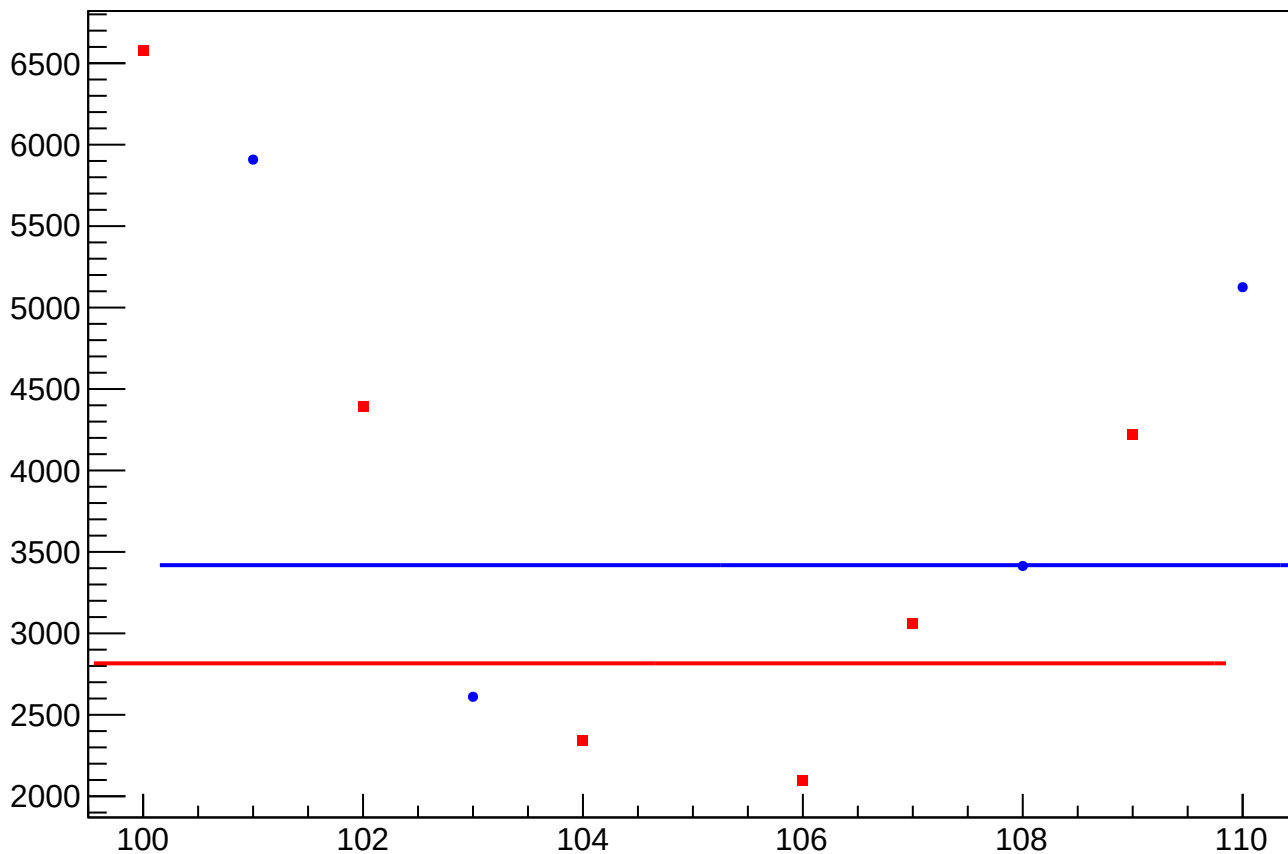
Right: -526.250+/-1579.741 χ^2/NDF : 8.4/9

In: -3215.045+/-2542.051 χ^2/NDF : 2.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -526.250+/-1579.741 χ^2/NDF : 8.4/9

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3418.616+/-1.798 χ^2/NDF : 431060.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2816.030+/-1.426 χ^2/NDF : 409015.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

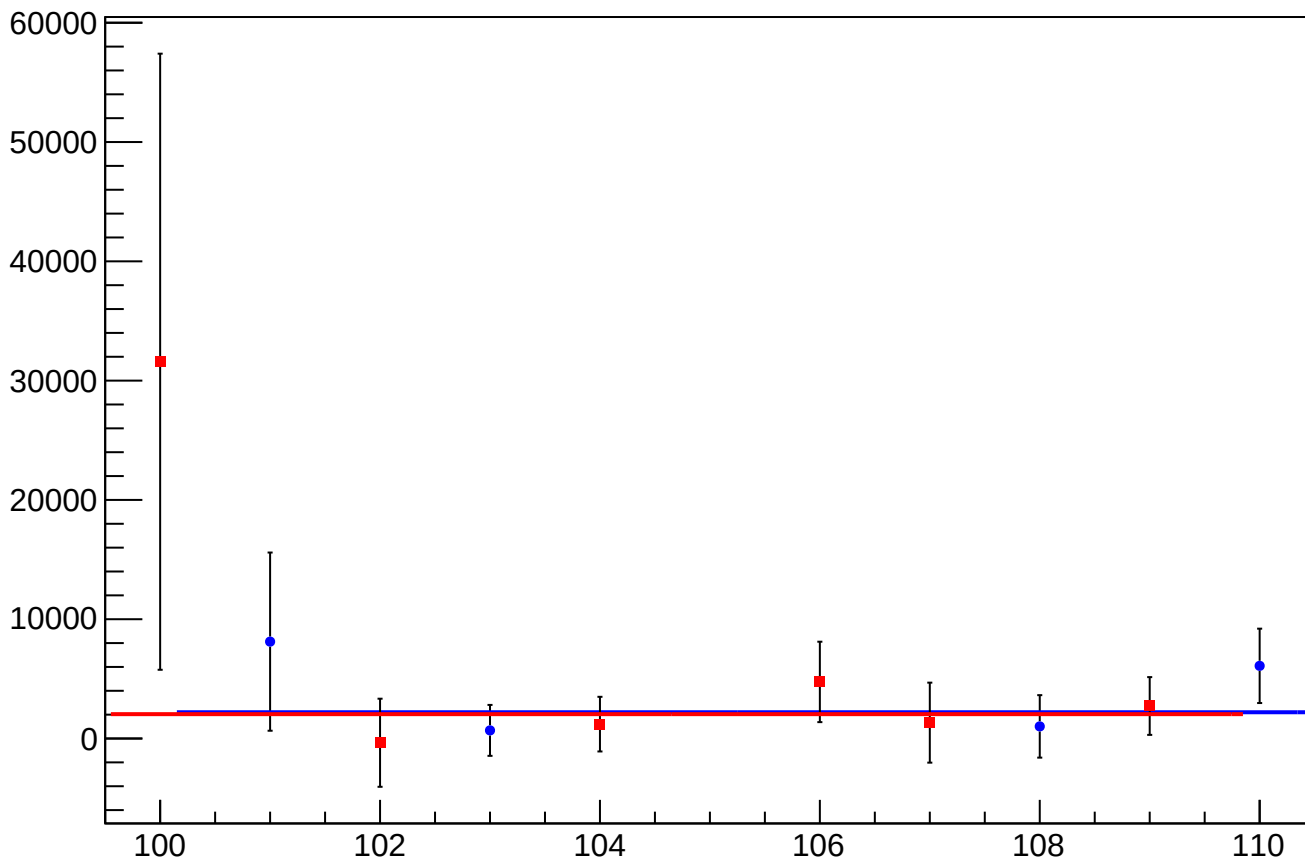
Right: 3048.744+/-1.117 χ^2/NDF : 909057.6/9

In: 3418.616+/-1.798 χ^2/NDF : 431060.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3048.744+/-1.117 χ^2/NDF : 909057.6/9

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2201.638+/-1434.331 χ^2/NDF : 2.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2042.275+/-1277.258 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

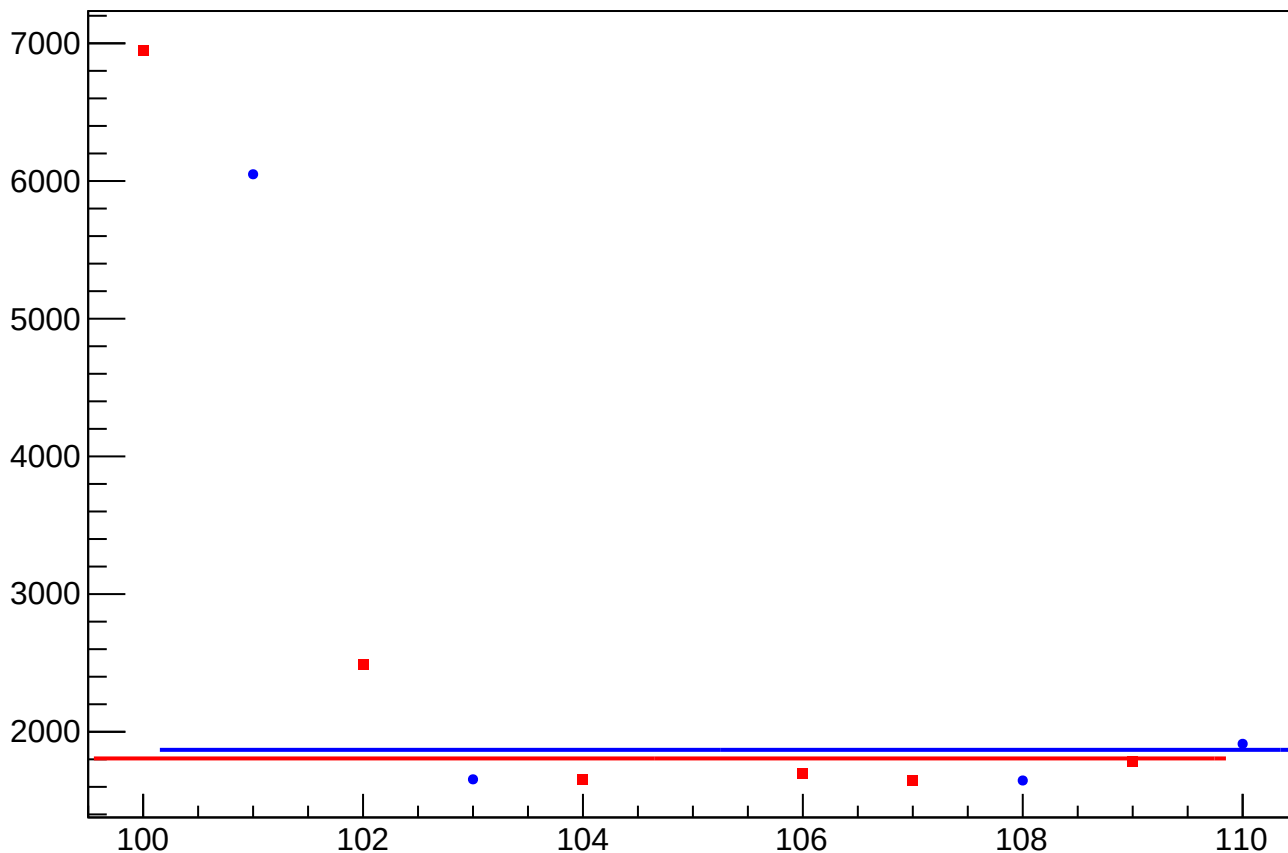
Right: 2112.756+/-953.876 χ^2/NDF : 5.5/9

In: 2201.638+/-1434.331 χ^2/NDF : 2.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2112.756+/-953.876 χ^2/NDF : 5.5/9

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1868.902+/-1.014 χ^2/NDF : 661425.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1806.486+/-0.899 χ^2/NDF : 164203.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

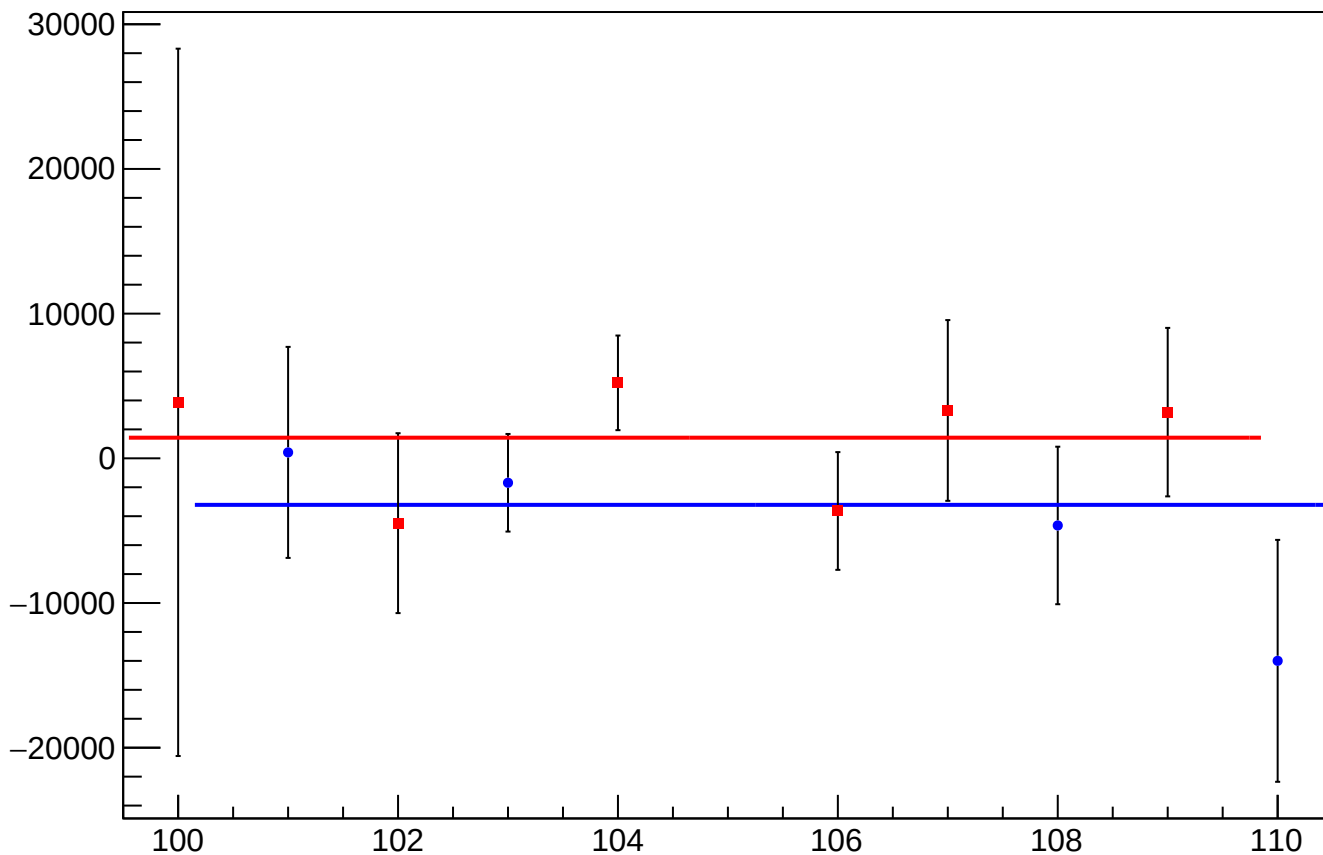
Right: 1833.934+/-0.673 χ^2/NDF : 827750.6/9

In: 1868.902+/-1.014 χ^2/NDF : 661425.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1833.934+/-0.673 χ^2/NDF : 827750.6/9

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3216.143+/-2542.060 χ^2/NDF : 2.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1426.364+/-2055.746 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

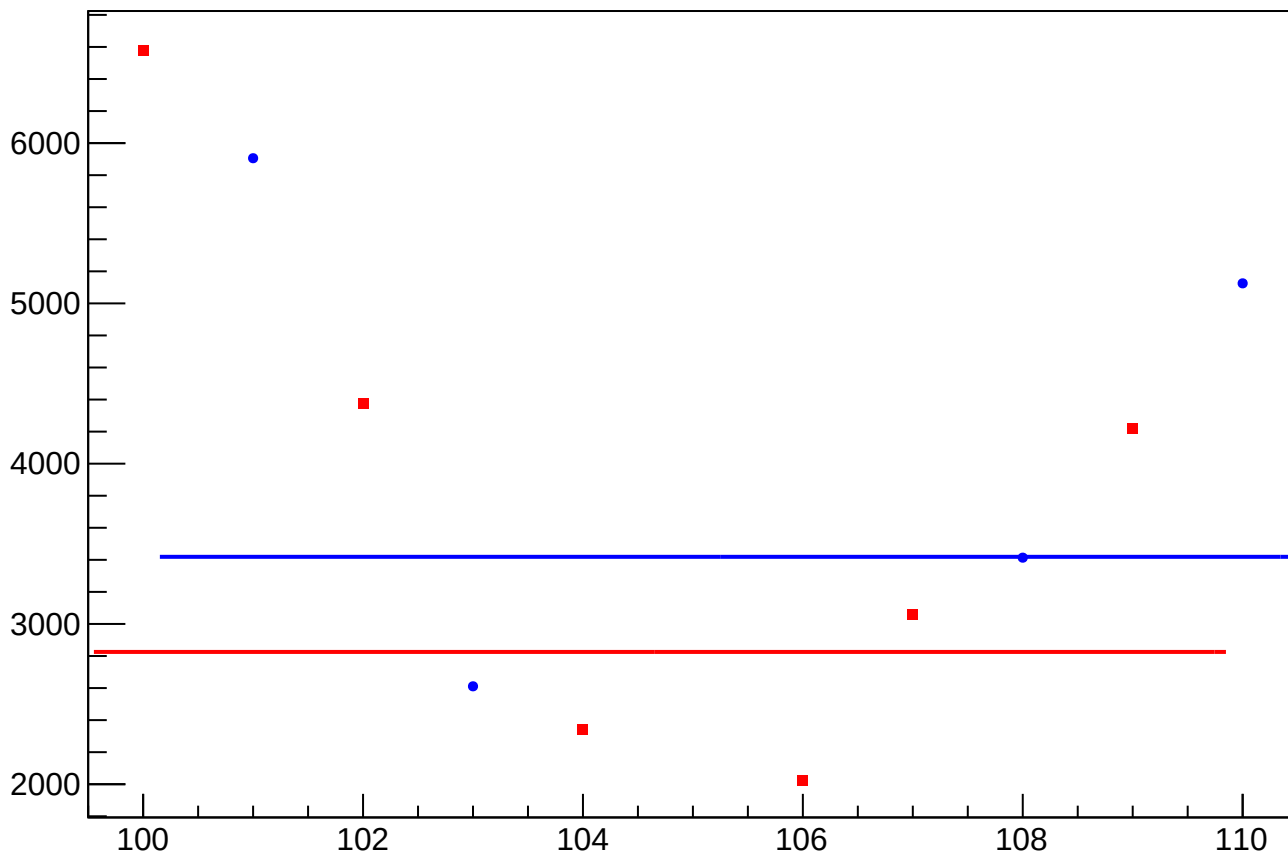
Right: -409.280+/-1598.467 χ^2/NDF : 8.2/9

In: -3216.143+/-2542.060 χ^2/NDF : 2.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.280+/-1598.467 χ^2/NDF : 8.2/9

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3418.847+/-1.798 χ^2/NDF : 430657.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2825.422+/-1.454 χ^2/NDF : 410047.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

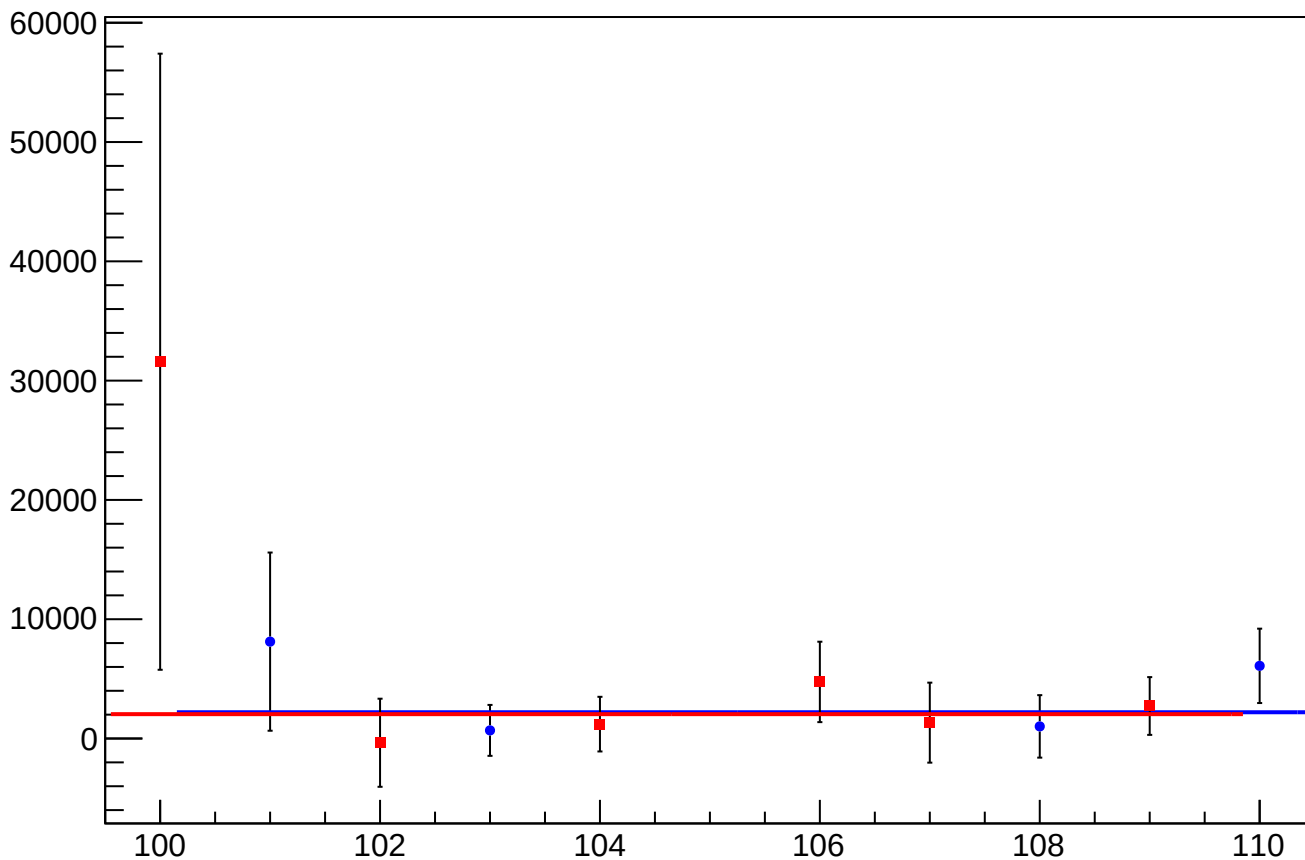
Right: 3060.062+/-1.130 χ^2/NDF : 906601.3/9

In: 3418.847+/-1.798 χ^2/NDF : 430657.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3060.062+/-1.130 χ^2/NDF : 906601.3/9

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2201.638+/-1434.331 χ^2/NDF : 2.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2042.275+/-1277.258 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

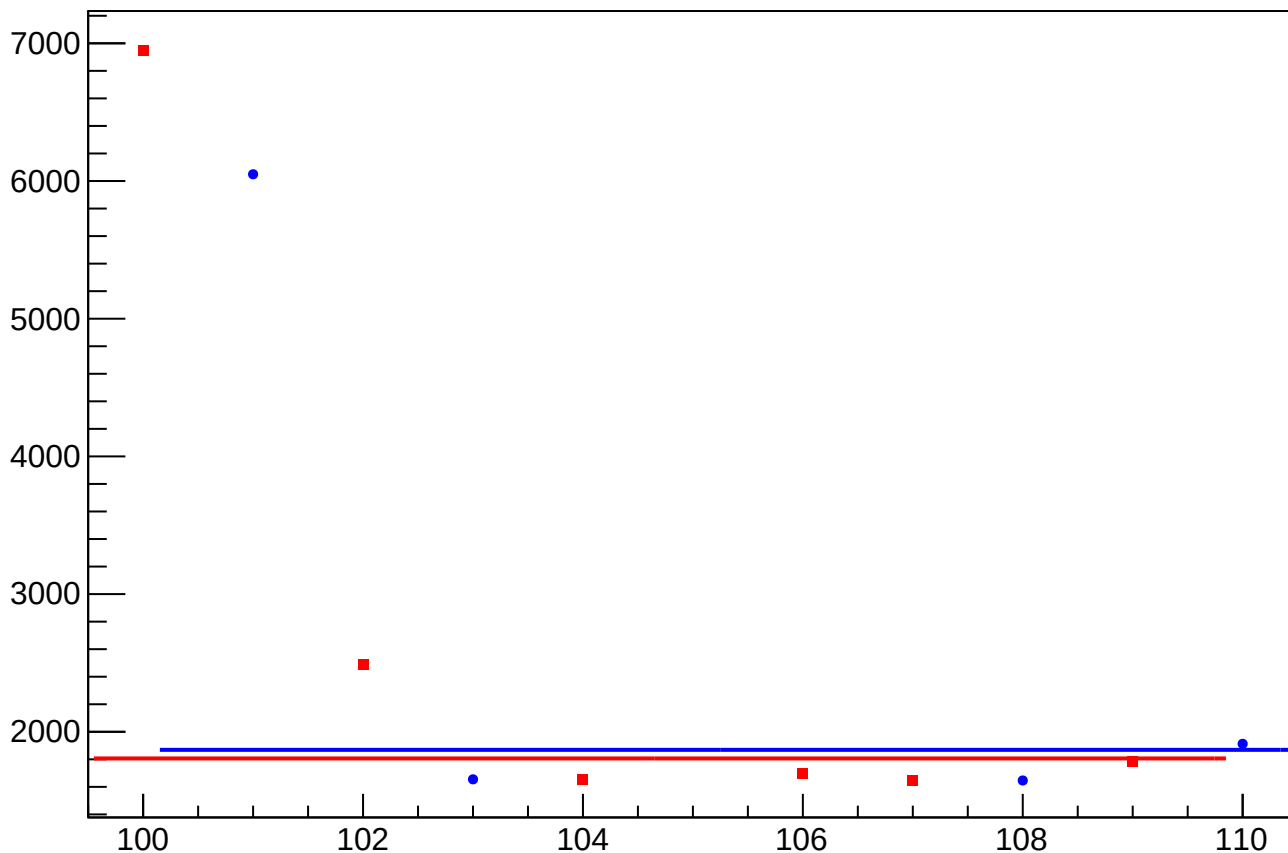
Right: 2112.756+/-953.876 χ^2/NDF : 5.5/9

In: 2201.638+/-1434.331 χ^2/NDF : 2.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2112.756+/-953.876 χ^2/NDF : 5.5/9

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1868.902 $\pm$ 1.014 χ^2 /NDF: 661425.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1806.486 $\pm$ 0.899 χ^2 /NDF: 164203.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

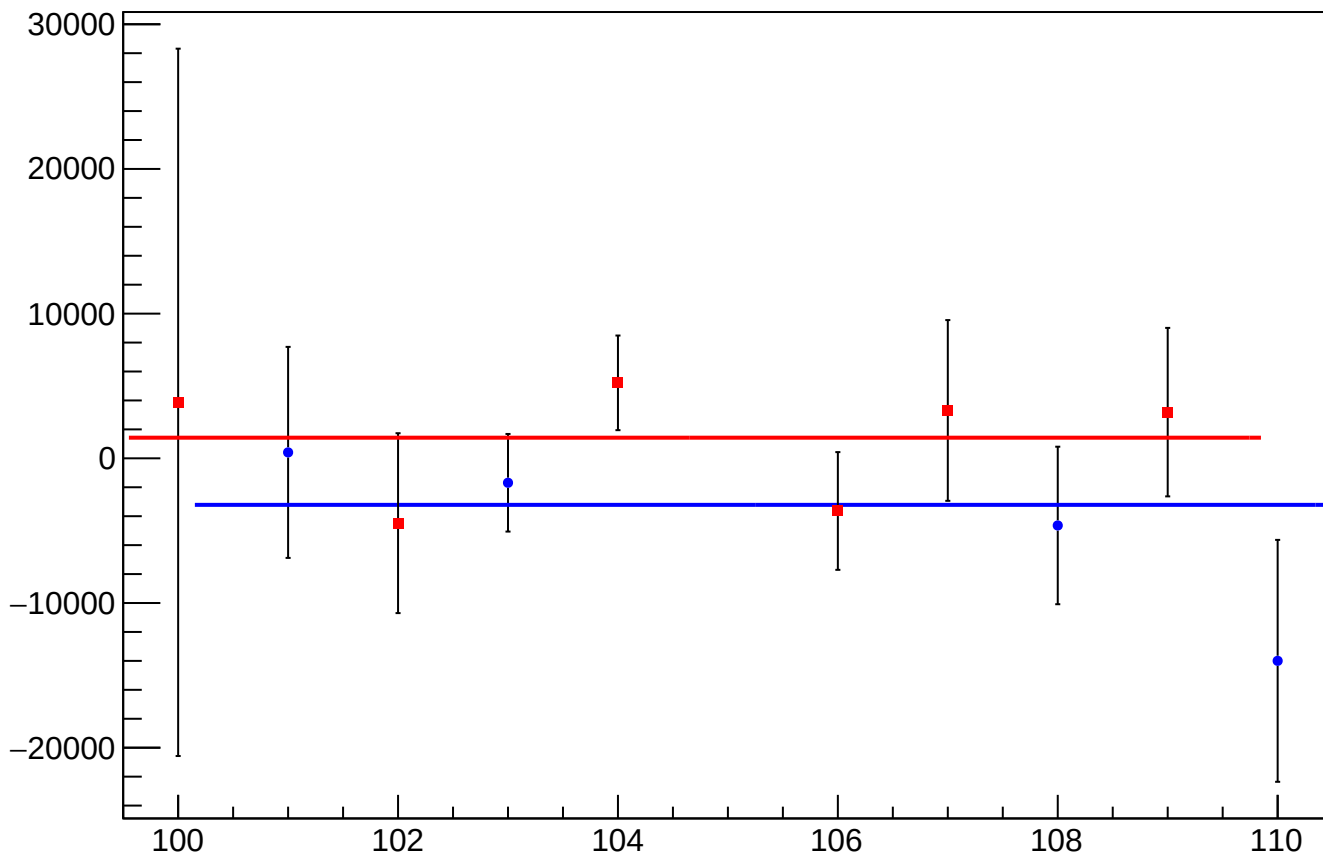
Right: 1833.934 $\pm$ 0.673 χ^2 /NDF: 827750.6/9

In: 1868.902 $\pm$ 1.014 χ^2 /NDF: 661425.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1833.934 $\pm$ 0.673 χ^2 /NDF: 827750.6/9

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3216.143+/-2542.060 χ^2/NDF : 2.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1426.364+/-2055.746 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

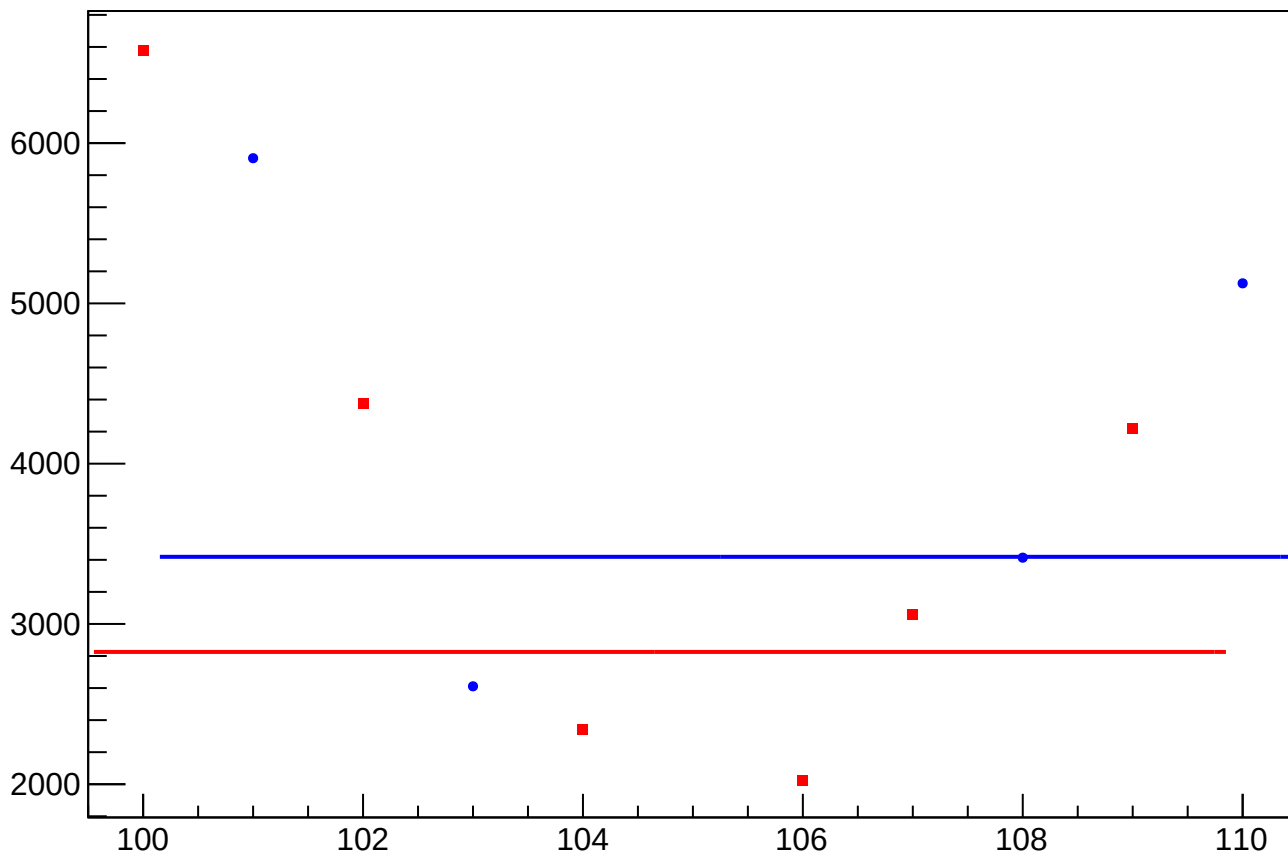
Right: -409.280+/-1598.467 χ^2/NDF : 8.2/9

In: -3216.143+/-2542.060 χ^2/NDF : 2.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.280+/-1598.467 χ^2/NDF : 8.2/9

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3418.847+/-1.798 χ^2/NDF : 430657.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2825.422+/-1.454 χ^2/NDF : 410047.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

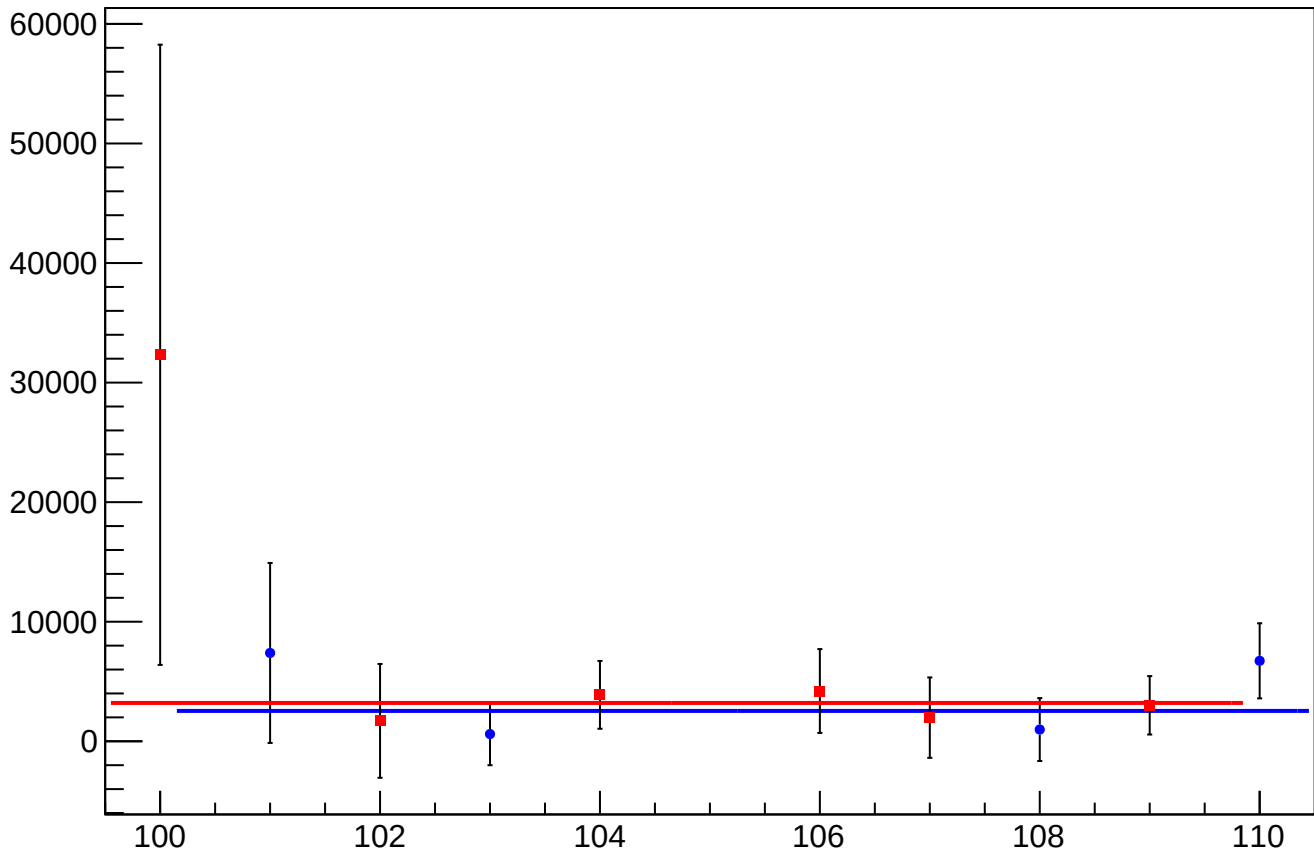
Right: 3060.062+/-1.130 χ^2/NDF : 906601.3/9

In: 3418.847+/-1.798 χ^2/NDF : 430657.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3060.062+/-1.130 χ^2/NDF : 906601.3/9

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2539.208+/-1560.242 χ^2/NDF : 3.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3207.470+/-1404.167 χ^2/NDF : 1.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

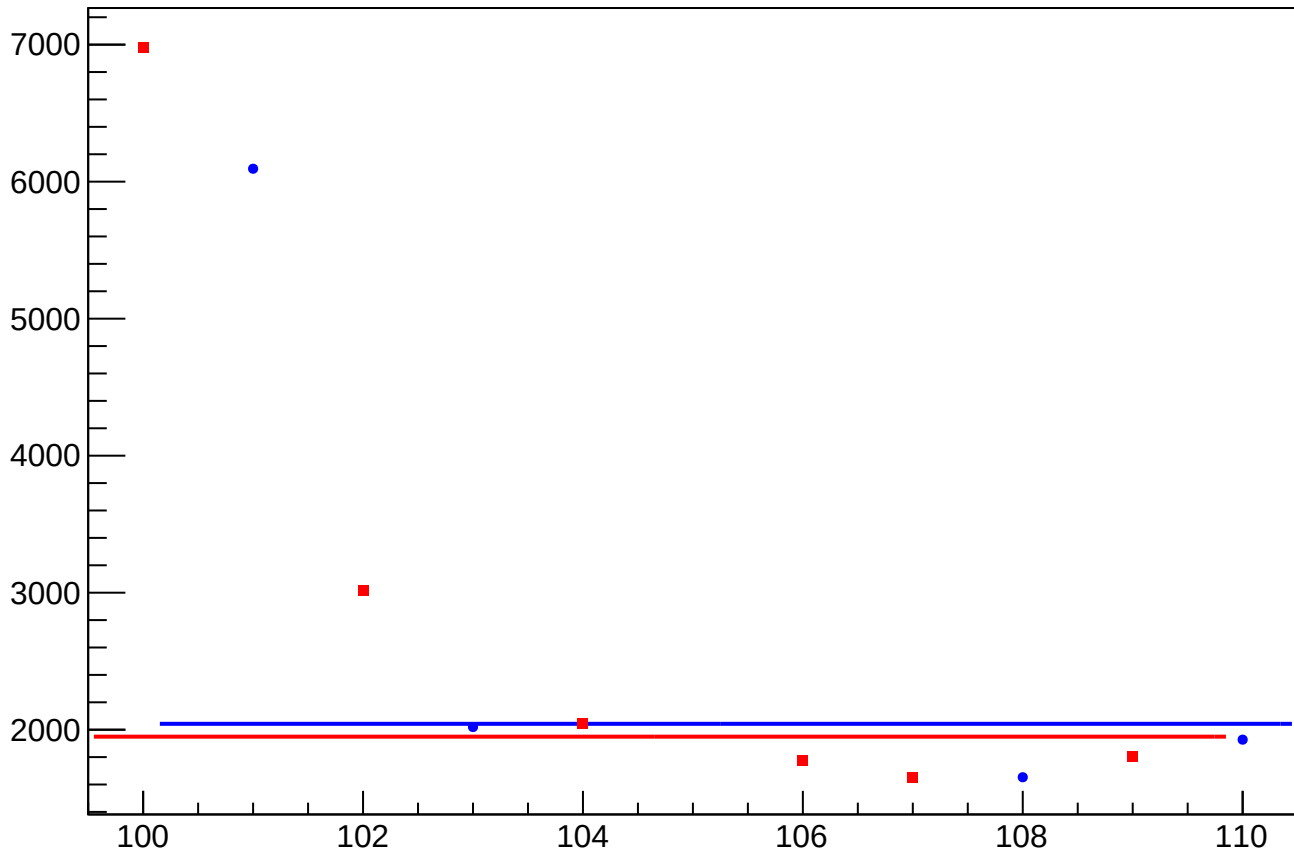
Right: 2908.425+/-1043.726 χ^2/NDF : 4.8/9

In: 2539.208+/-1560.242 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2908.425+/-1043.726 χ^2/NDF : 4.8/9

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2042.906+/-1.103 χ^2/NDF : 626179.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1949.333+/-0.990 χ^2/NDF : 206577.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

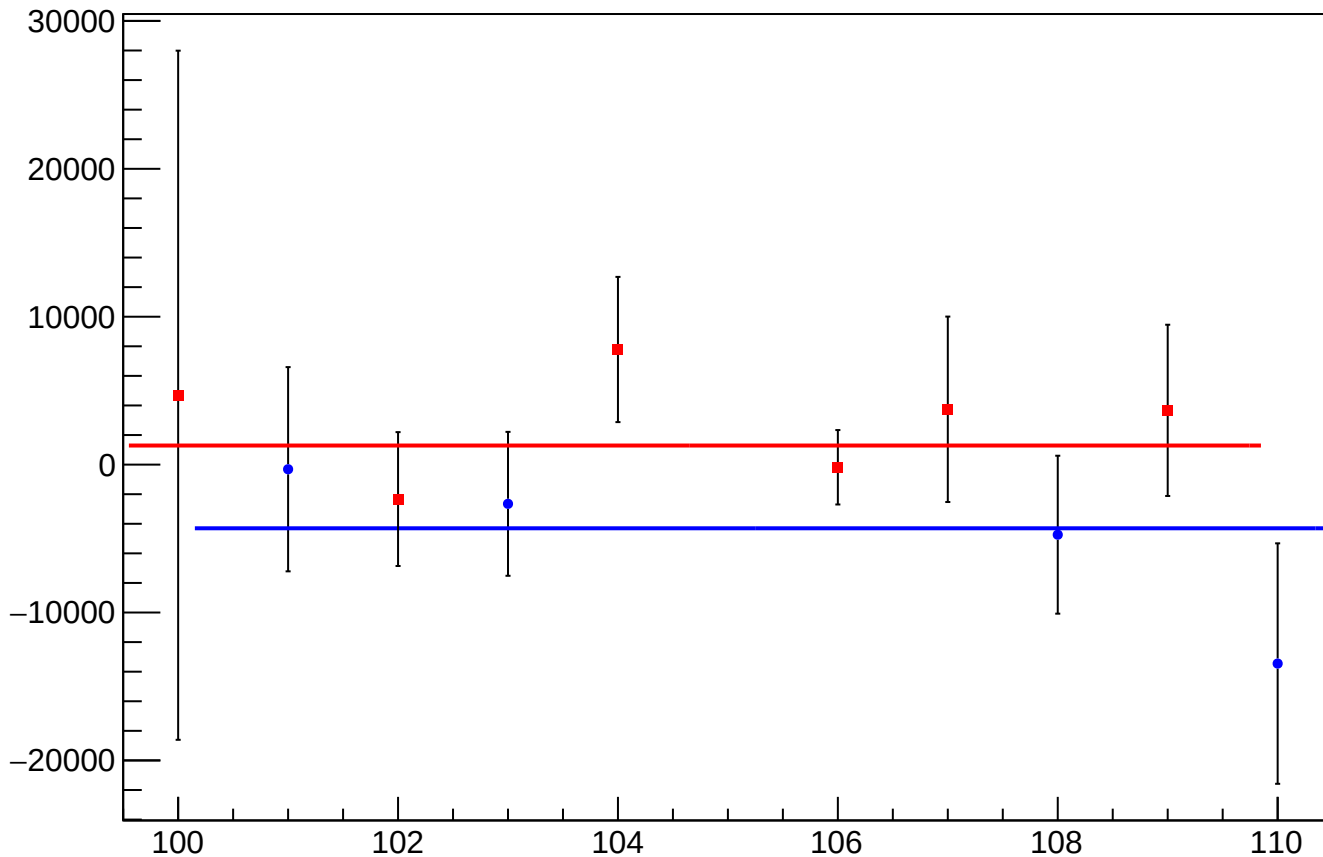
Right: 1991.058+/-0.737 χ^2/NDF : 836742.7/9

In: 2042.906+/-1.103 χ^2/NDF : 626179.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1991.058+/-0.737 χ^2/NDF : 836742.7/9

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4304.767 $\pm$ 2969.197 χ^2 /NDF: 1.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1291.017 $\pm$ 1809.604 χ^2 /NDF: 3.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

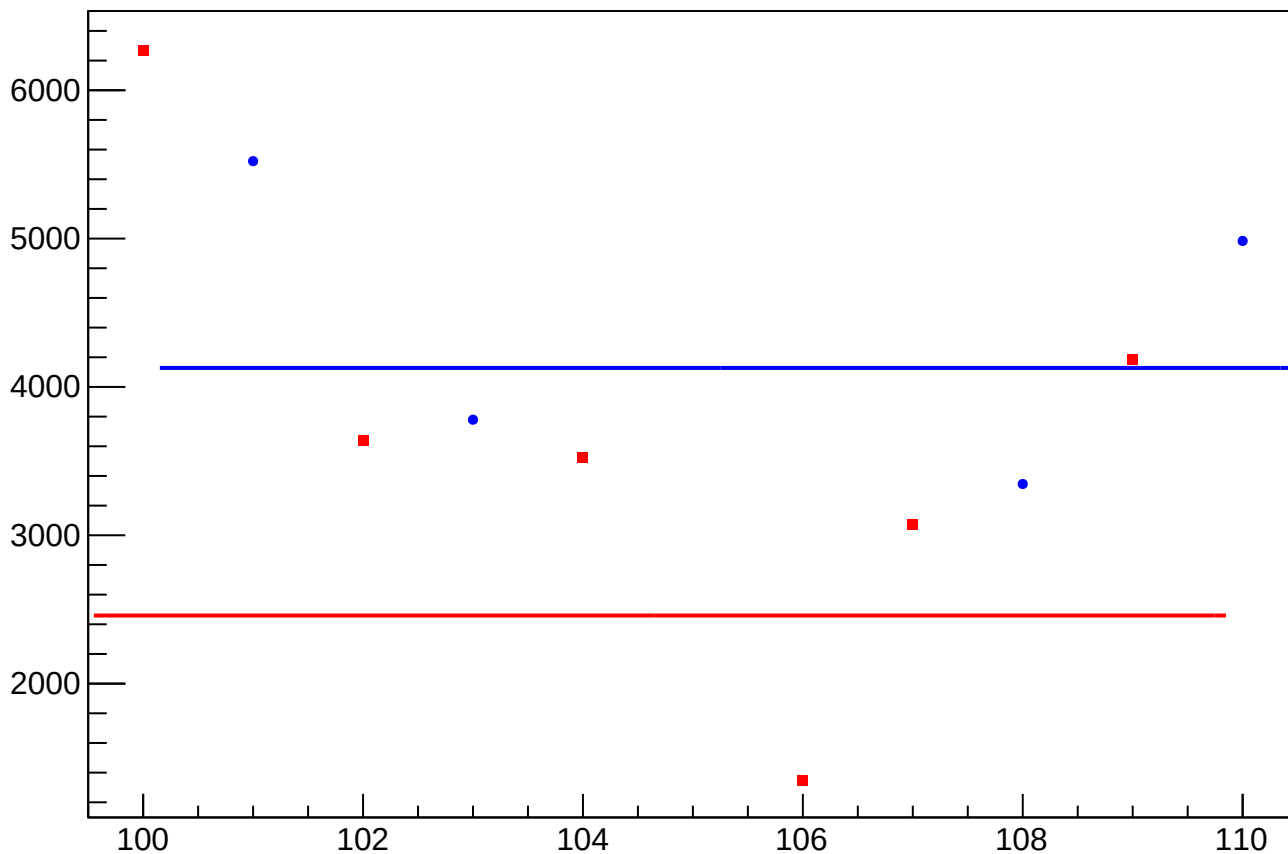
Right: -224.542 $\pm$ 1545.237 χ^2 /NDF: 7.4/9

In: -4304.767 $\pm$ 2969.197 χ^2 /NDF:1.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -224.542 $\pm$ 1545.237 χ^2 /NDF: 7.4/9

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4128.209+/-2.100 χ^2/NDF : 156937.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2459.104+/-1.280 χ^2/NDF : 870074.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

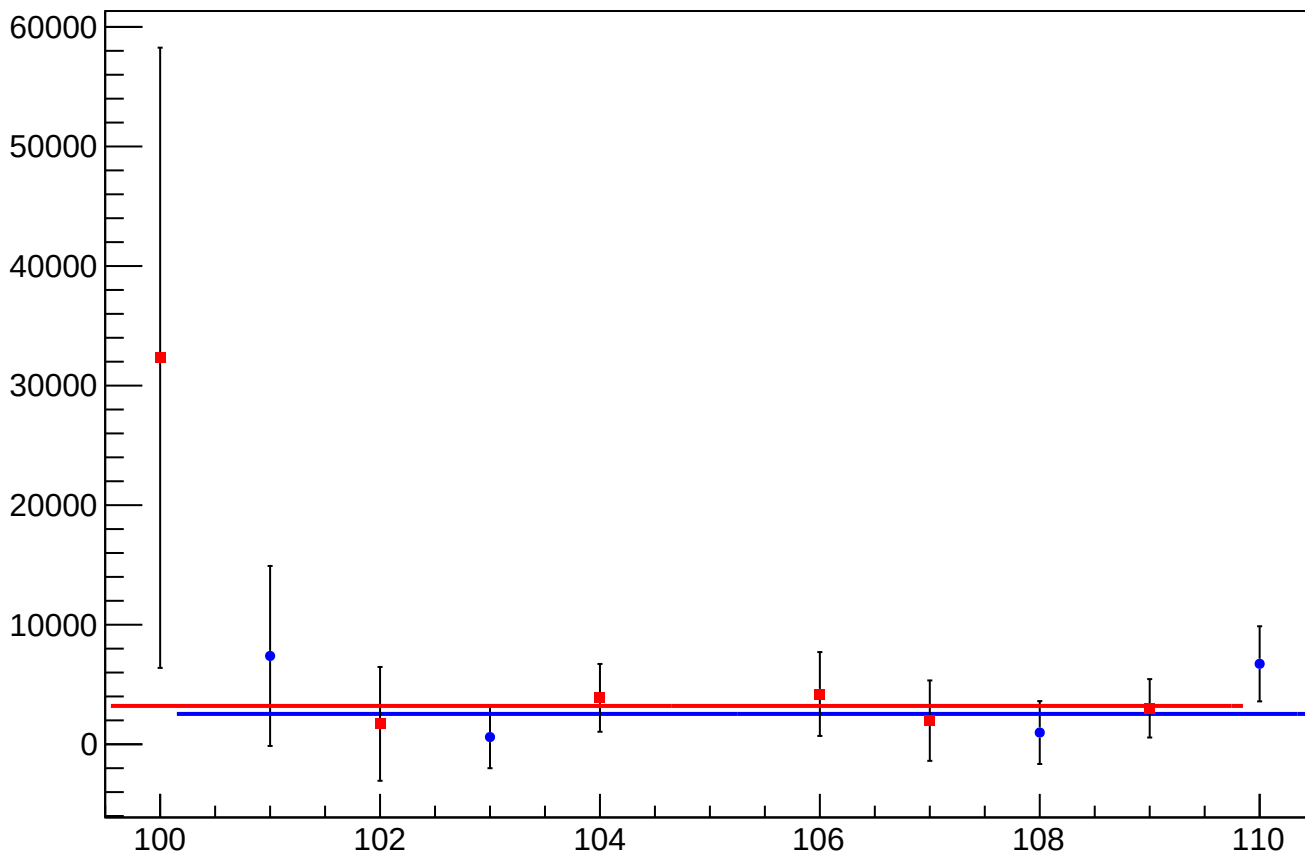
Right: 2911.163+/-1.093 χ^2/NDF : 1487843.6/9

In: 4128.209+/-2.100 χ^2/NDF : 156937.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2911.163+/-1.093 χ^2/NDF : 1487843.6/9

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2539.212+/-1560.241 χ^2/NDF : 3.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3207.466+/-1404.166 χ^2/NDF : 1.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

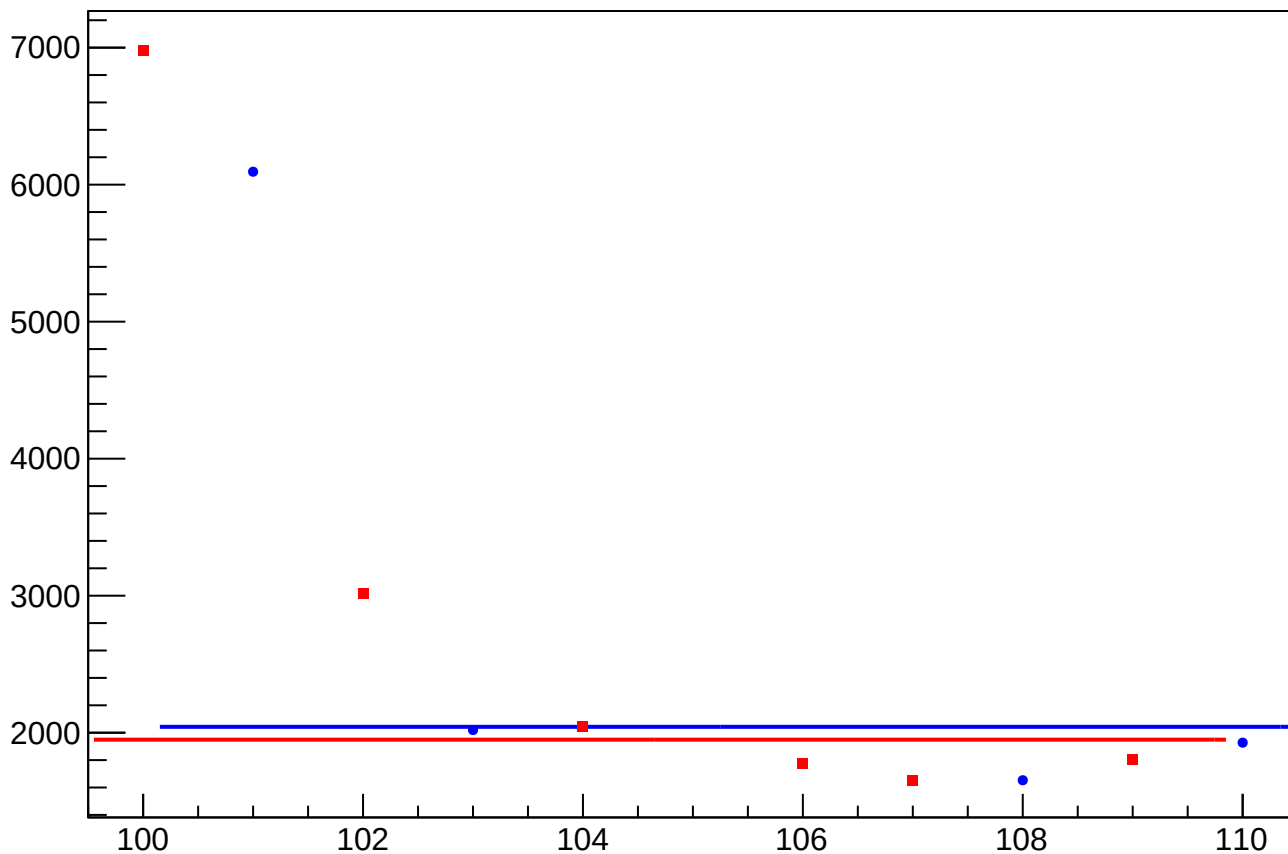
Right: 2908.425+/-1043.725 χ^2/NDF : 4.8/9

In: 2539.212+/-1560.241 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2908.425+/-1043.725 χ^2/NDF : 4.8/9

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2042.905 $\pm$ 1.103 χ^2 /NDF: 626179.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1949.332 $\pm$ 0.990 χ^2 /NDF: 206577.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

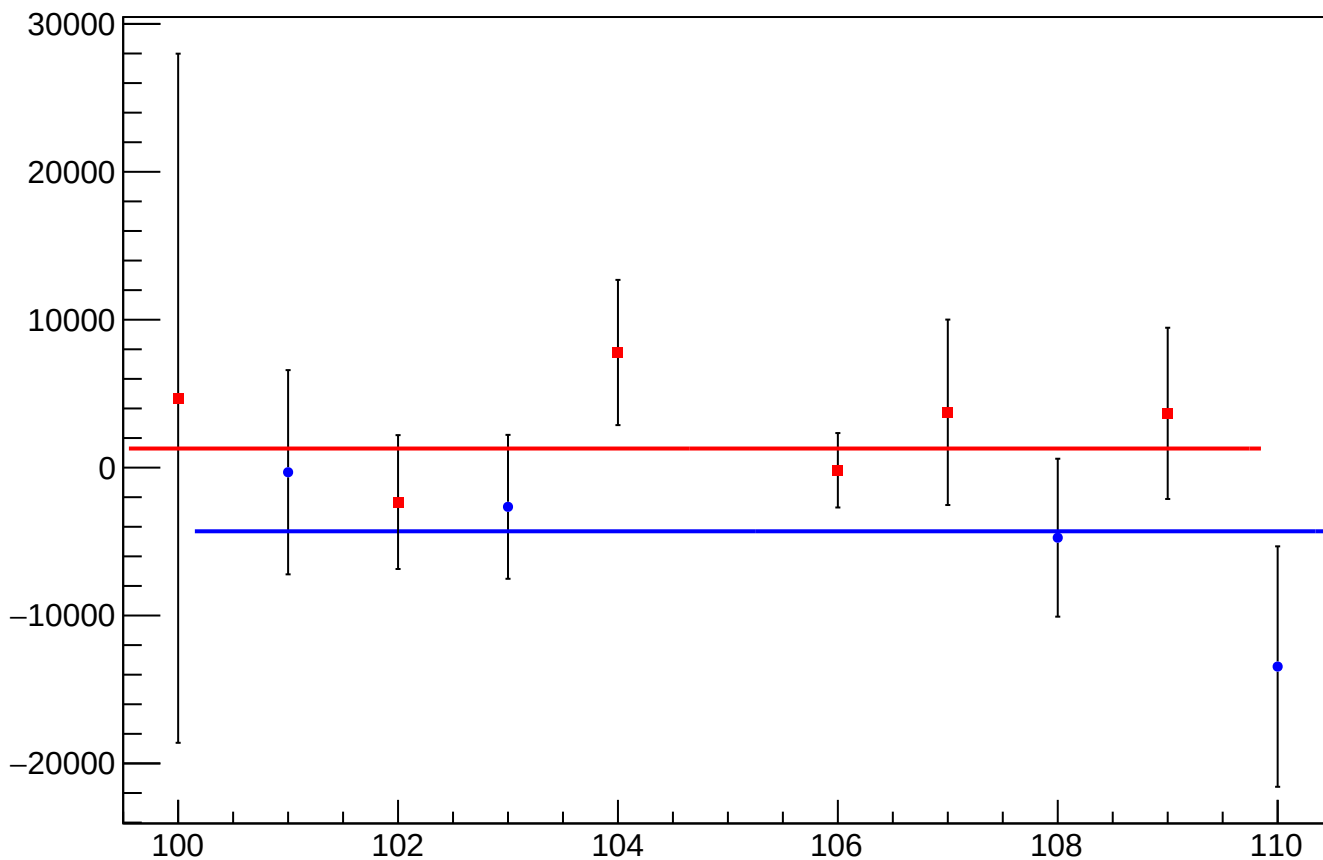
Right: 1991.058 $\pm$ 0.737 χ^2 /NDF: 836742.3/9

In: 2042.905 $\pm$ 1.103 χ^2 /NDF:626179.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1991.058 $\pm$ 0.737 χ^2 /NDF: 836742.3/9

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4304.770+/-2969.196 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1291.010+/-1809.600 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

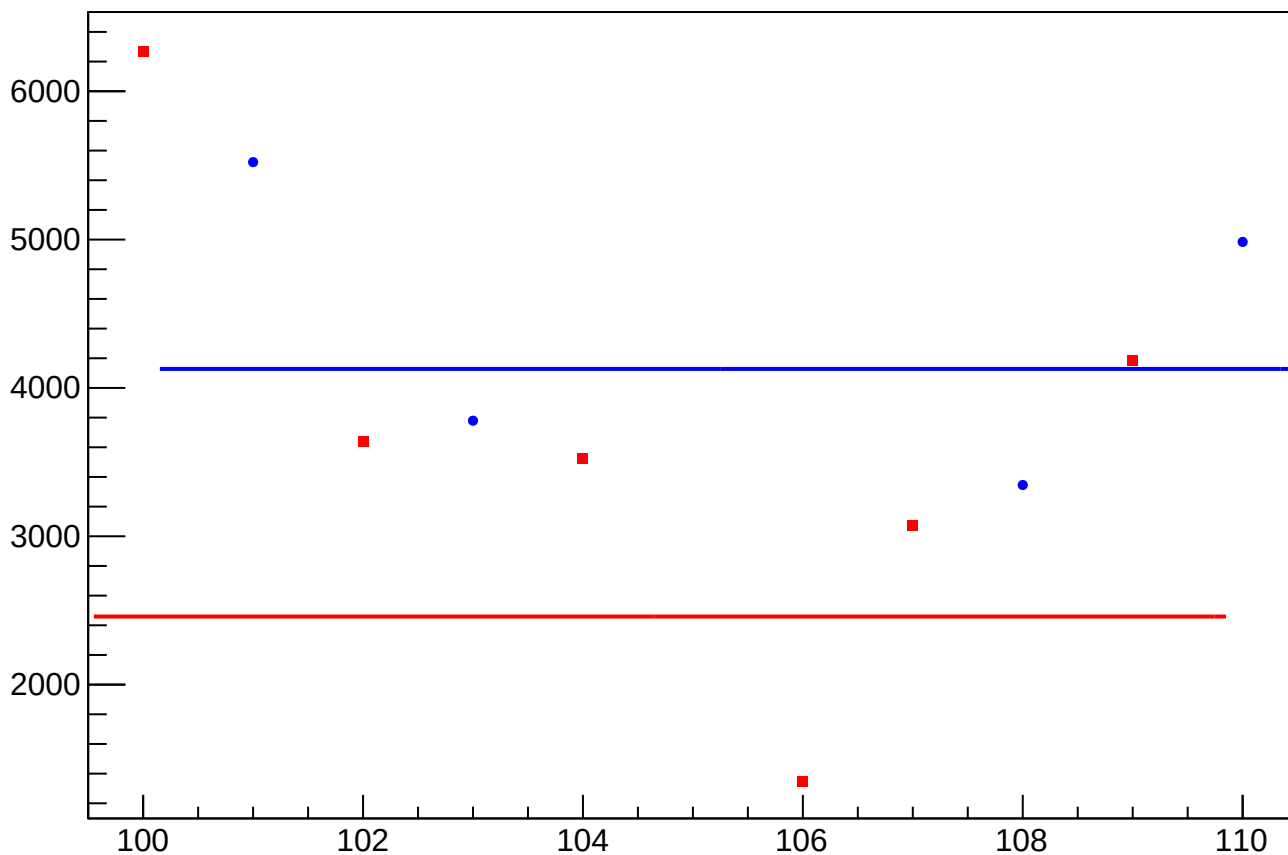
Right: -224.544+/-1545.234 χ^2/NDF : 7.4/9

In: -4304.770+/-2969.196 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -224.544+/-1545.234 χ^2/NDF : 7.4/9

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4128.209+/-2.100 χ^2/NDF : 156936.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2459.097+/-1.280 χ^2/NDF : 870077.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

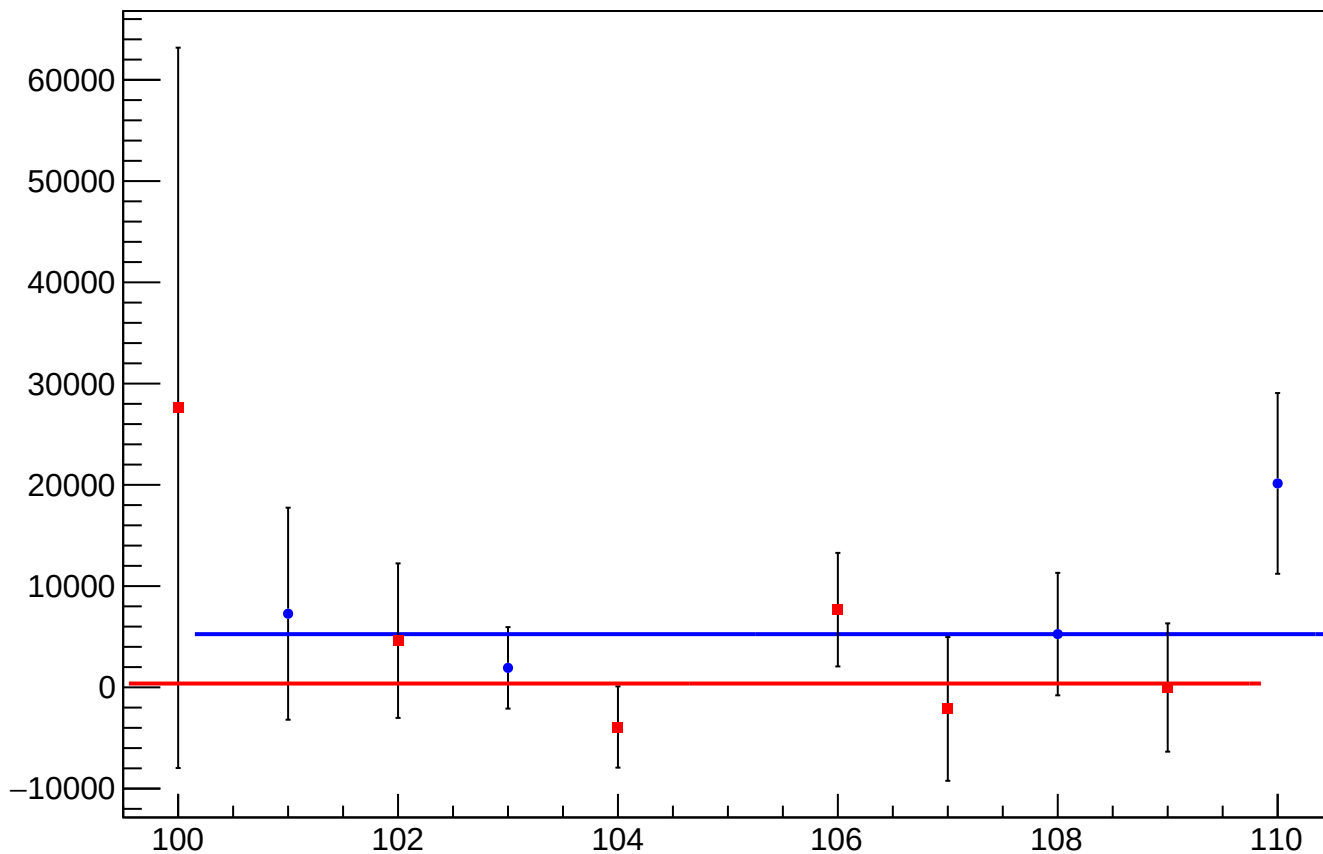
Right: 2911.157+/-1.093 χ^2/NDF : 1487850.1/9

In: 4128.209+/-2.100 χ^2/NDF : 156936.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2911.157+/-1.093 χ^2/NDF : 1487850.1/9

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 5253.995+/-3005.180 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 377.185+/-2526.500 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

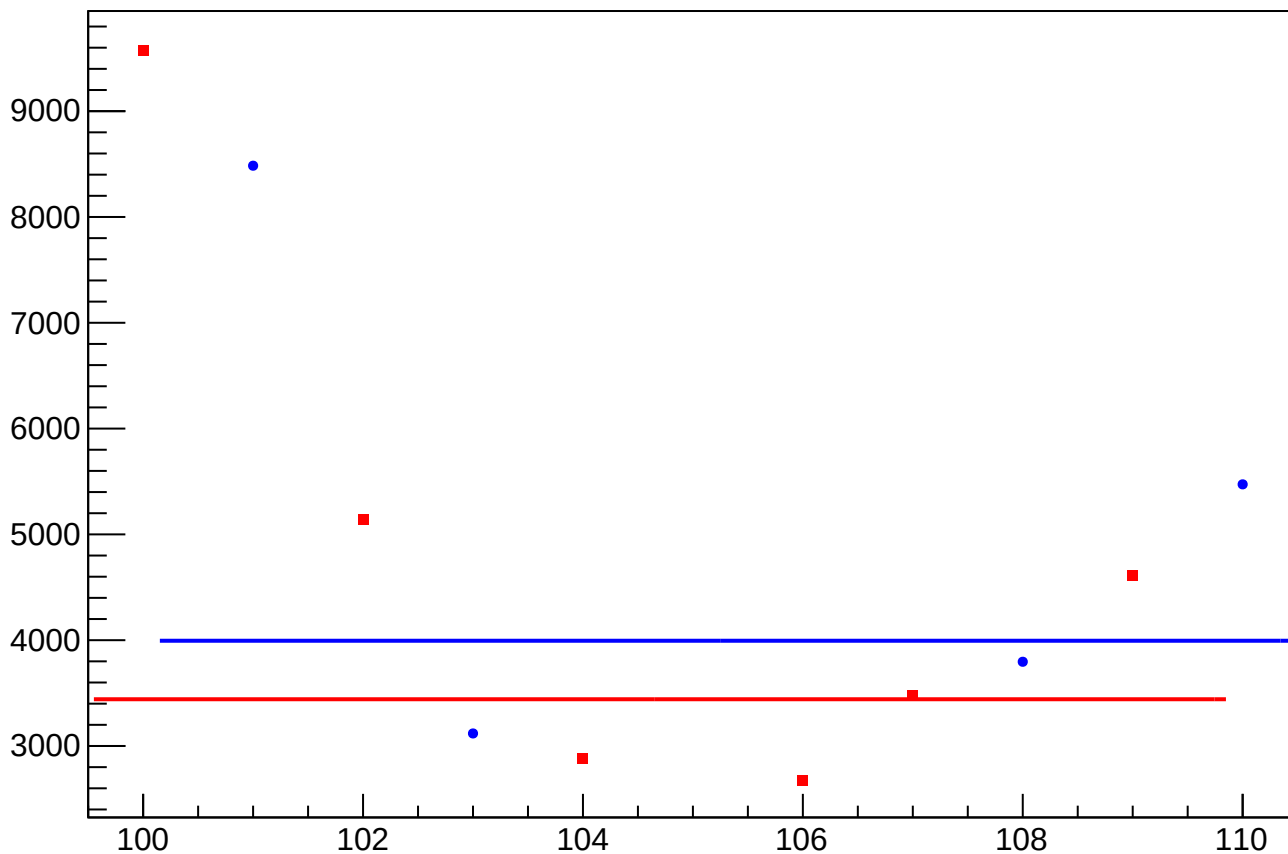
Right: 2396.715+/-1933.872 χ^2/NDF : 8.9/9

In: 5253.995+/-3005.180 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2396.715+/-1933.872 χ^2/NDF : 8.9/9

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 3994.698+/-2.125 χ^2/NDF : 519551.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3441.787+/-1.752 χ^2/NDF : 310133.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

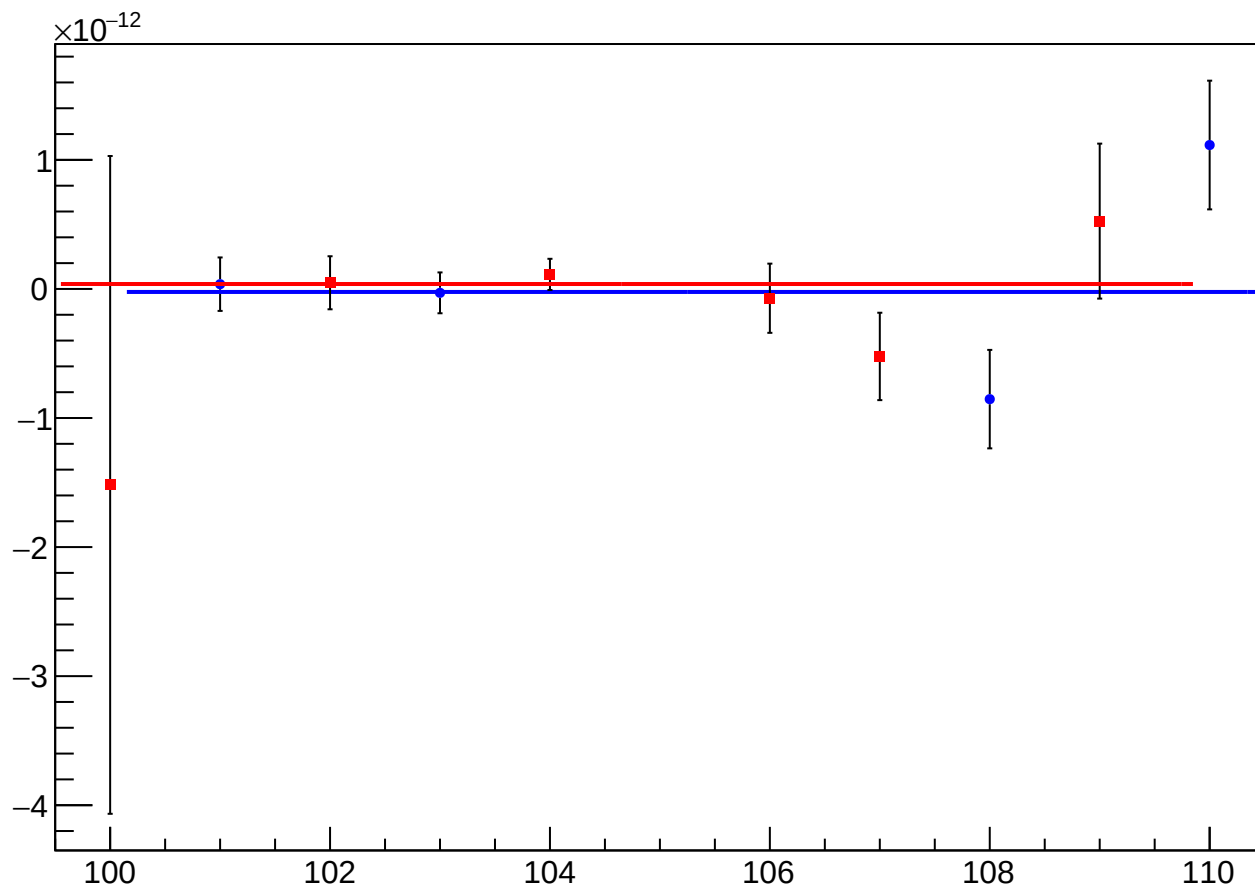
Right: 3665.504+/-1.352 χ^2/NDF : 869993.1/9

In: 3994.698+/-2.125 χ^2/NDF : 519551.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3665.504+/-1.352 χ^2/NDF : 869993.1/9

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

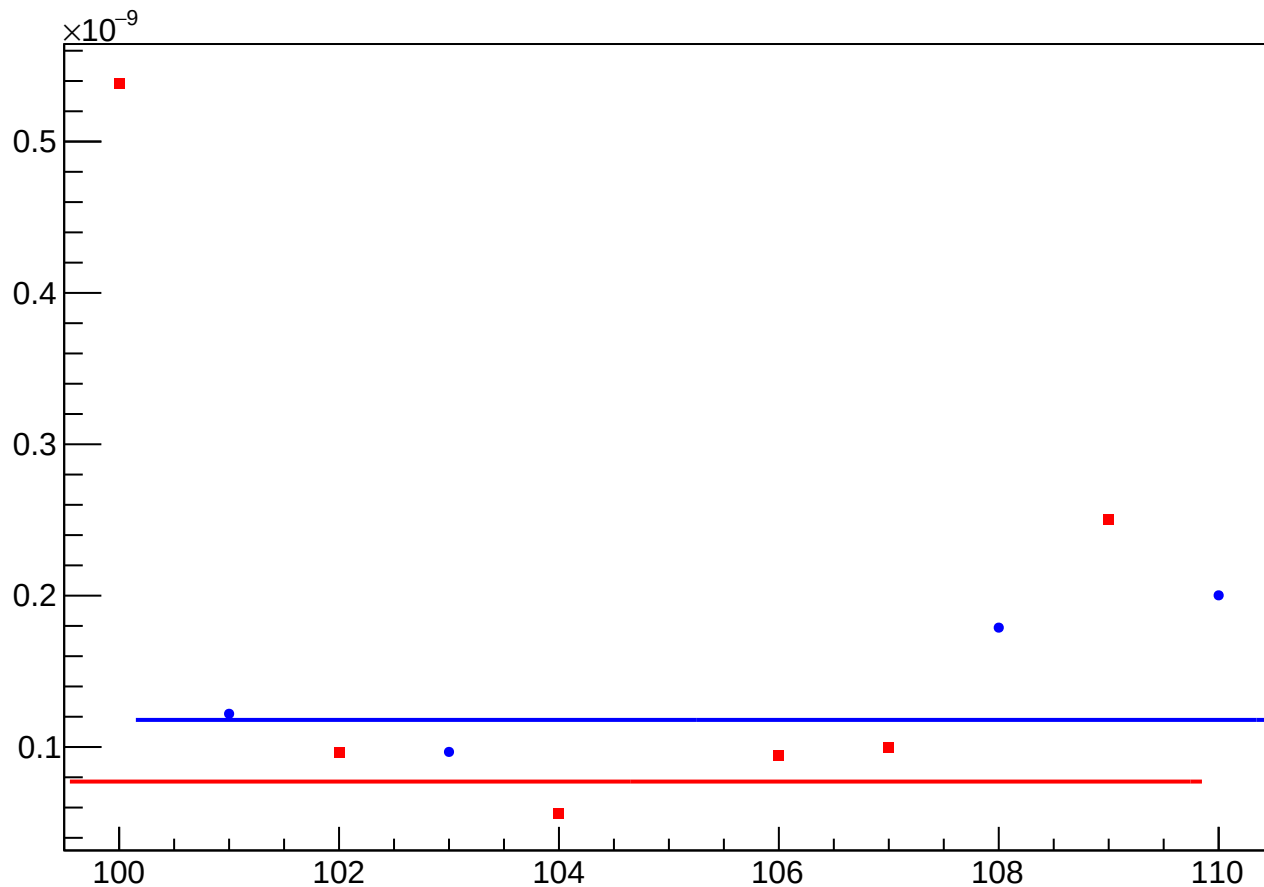
Right: 0.000+/-0.000 χ^2/NDF : 14.5/9

In: -0.000+/-0.000 χ^2/NDF : 10.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.5/9

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 142011.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 328747.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

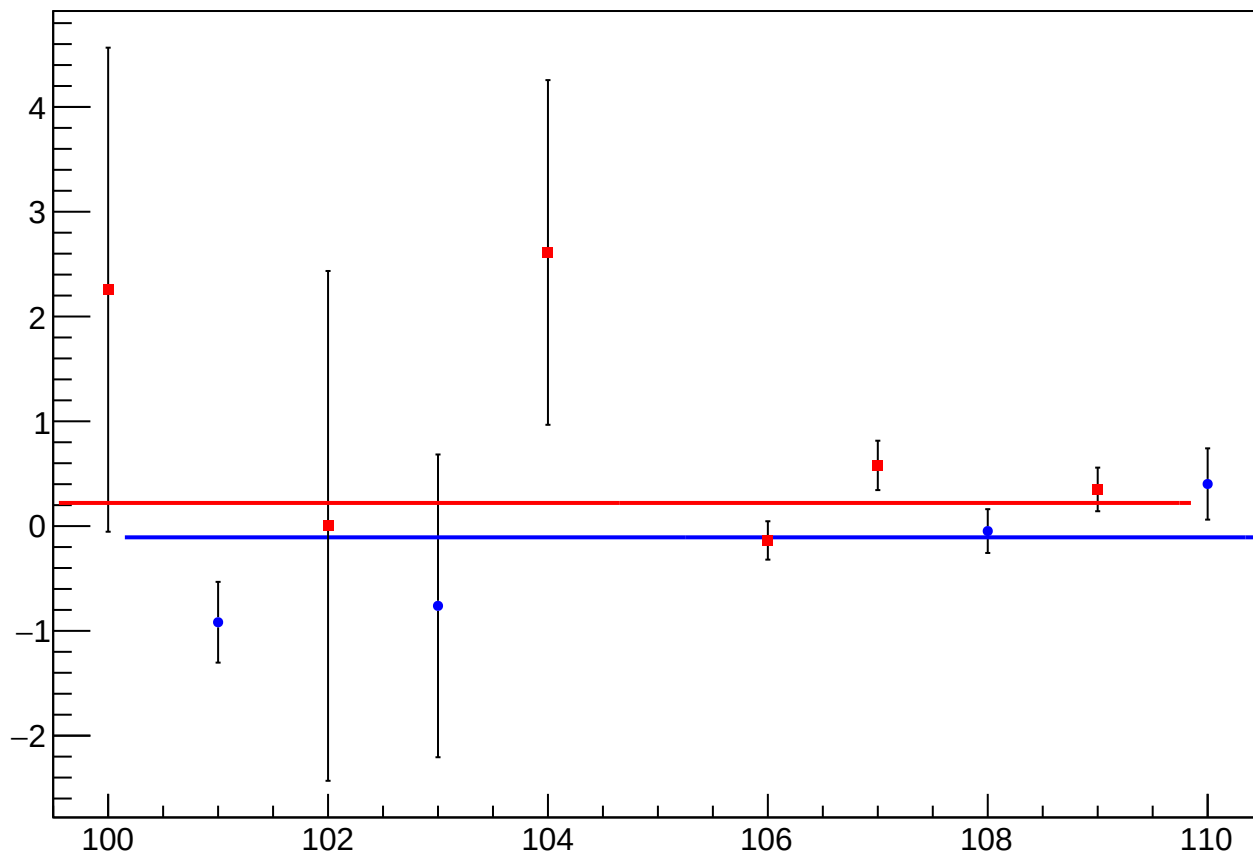
Right: 0.000+/-0.000 χ^2/NDF : 621706.9/9

In: 0.000+/-0.000 χ^2/NDF : 142011.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 621706.9/9

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.107 $\pm$ 0.161 χ^2 /NDF: 6.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.221 $\pm$ 0.118 χ^2 /NDF: 9.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

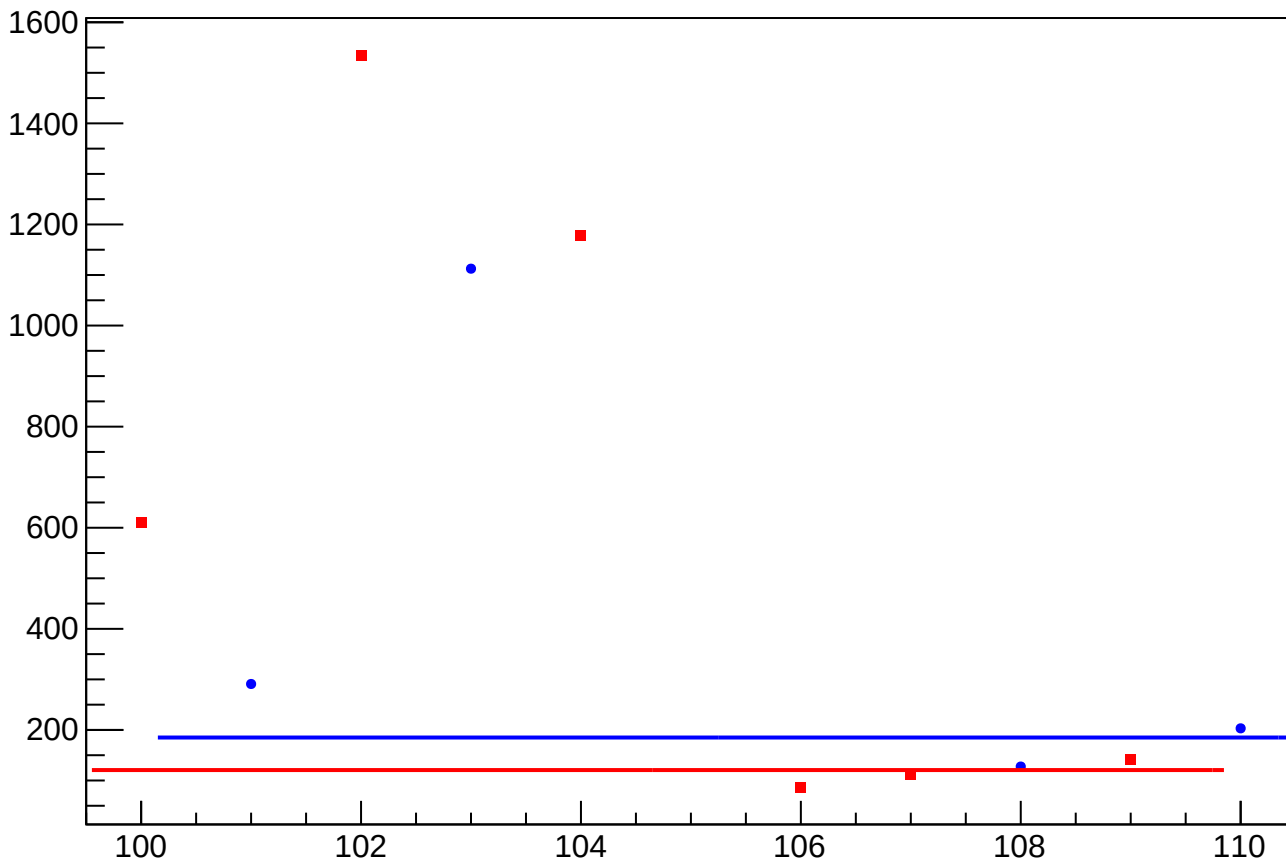
Right: 0.106 $\pm$ 0.095 χ^2 /NDF: 19.1/9

In: -0.107 $\pm$ 0.161 χ^2 /NDF:6.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.106 $\pm$ 0.095 χ^2 /NDF: 19.1/9

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.014+/-0.114 χ^2/NDF : 1132167.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.635+/-0.084 χ^2/NDF : 1686044.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

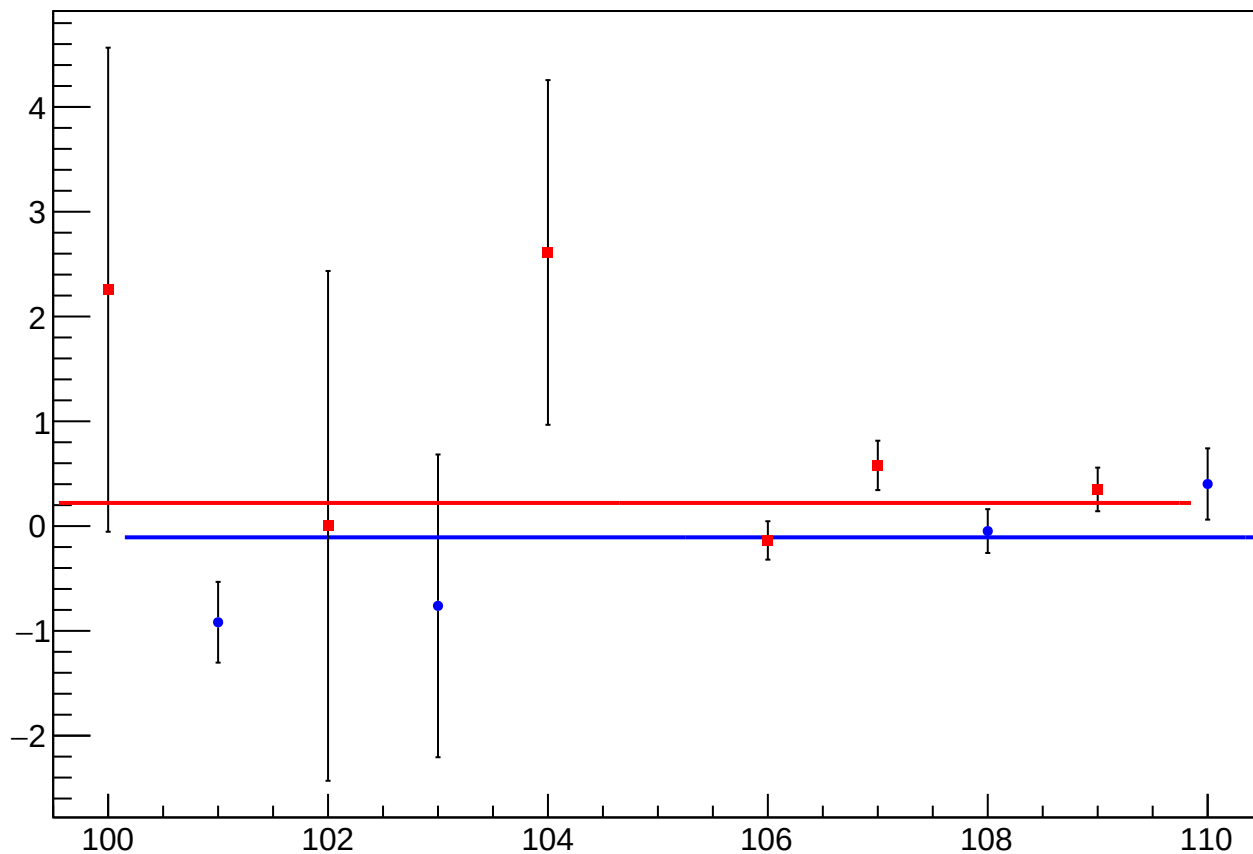
Right: 143.230+/-0.067 χ^2/NDF : 3026628.8/9

In: 185.014+/-0.114 χ^2/NDF : 1132167.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.230+/-0.067 χ^2/NDF : 3026628.8/9

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.107 $\pm$ 0.161 χ^2 /NDF: 6.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.221 $\pm$ 0.118 χ^2 /NDF: 9.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

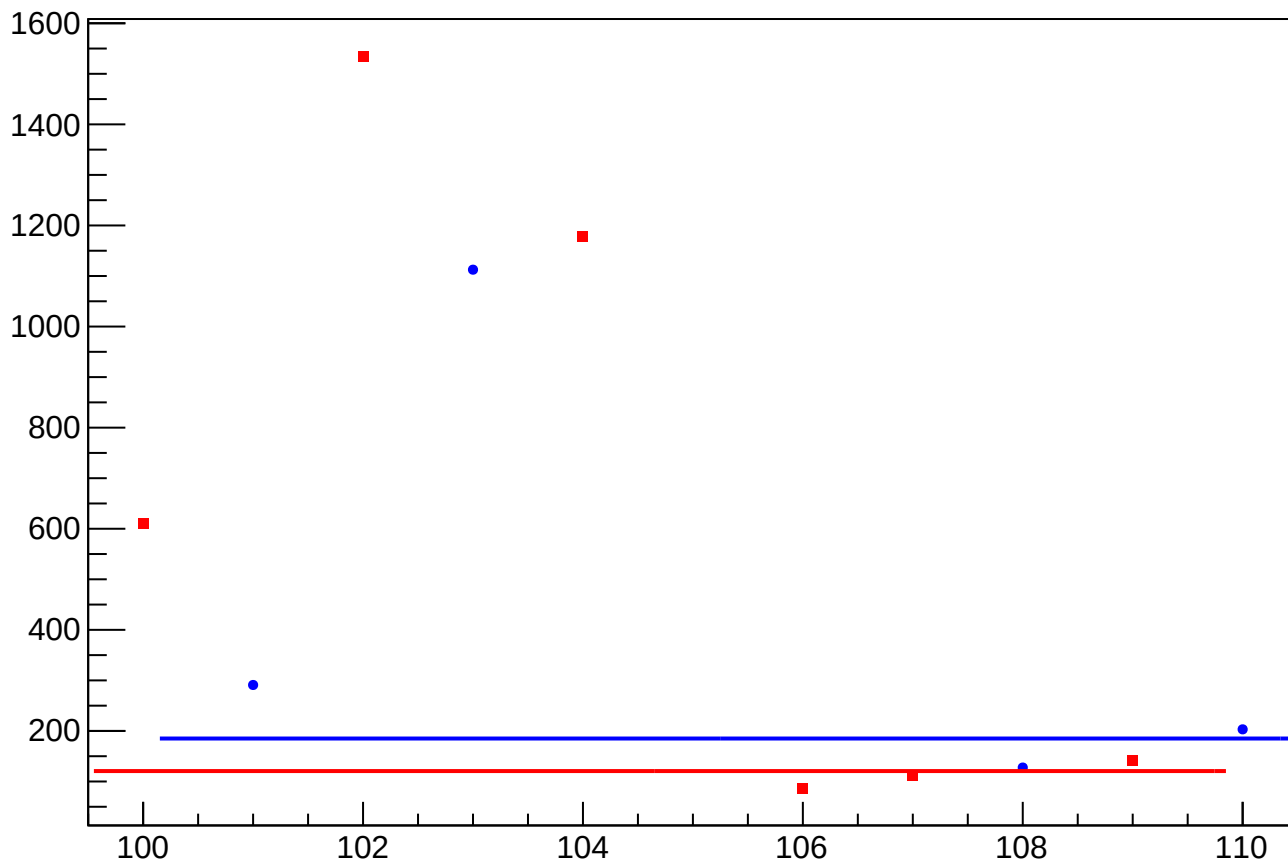
Right: 0.106 $\pm$ 0.095 χ^2 /NDF: 19.1/9

In: -0.107 $\pm$ 0.161 χ^2 /NDF:6.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.106 $\pm$ 0.095 χ^2 /NDF: 19.1/9

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.014+/-0.114 χ^2/NDF : 1132167.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.635+/-0.084 χ^2/NDF : 1686044.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

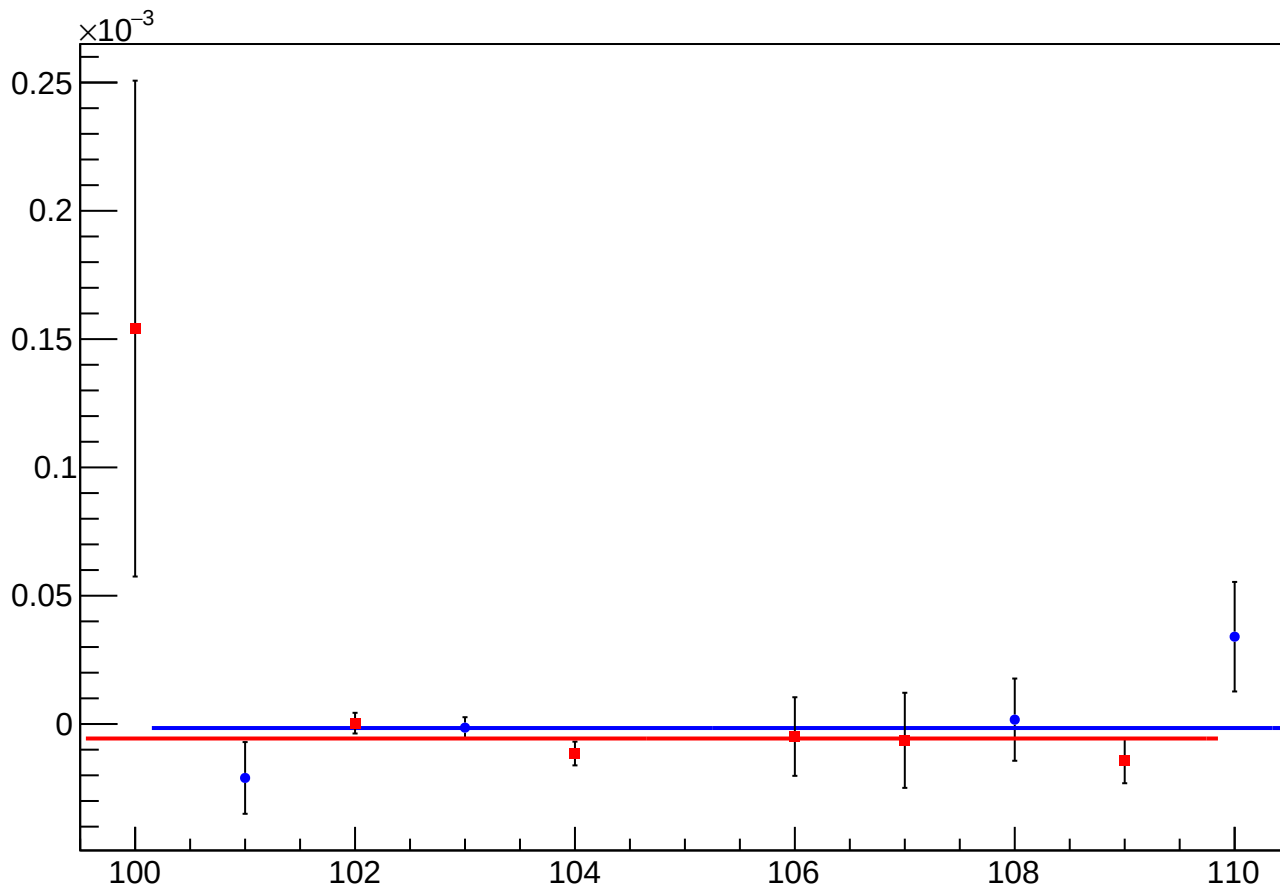
Right: 143.230+/-0.067 χ^2/NDF : 3026628.8/9

In: 185.014+/-0.114 χ^2/NDF : 1132167.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.230+/-0.067 χ^2/NDF : 3026628.8/9

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.8/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.5/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

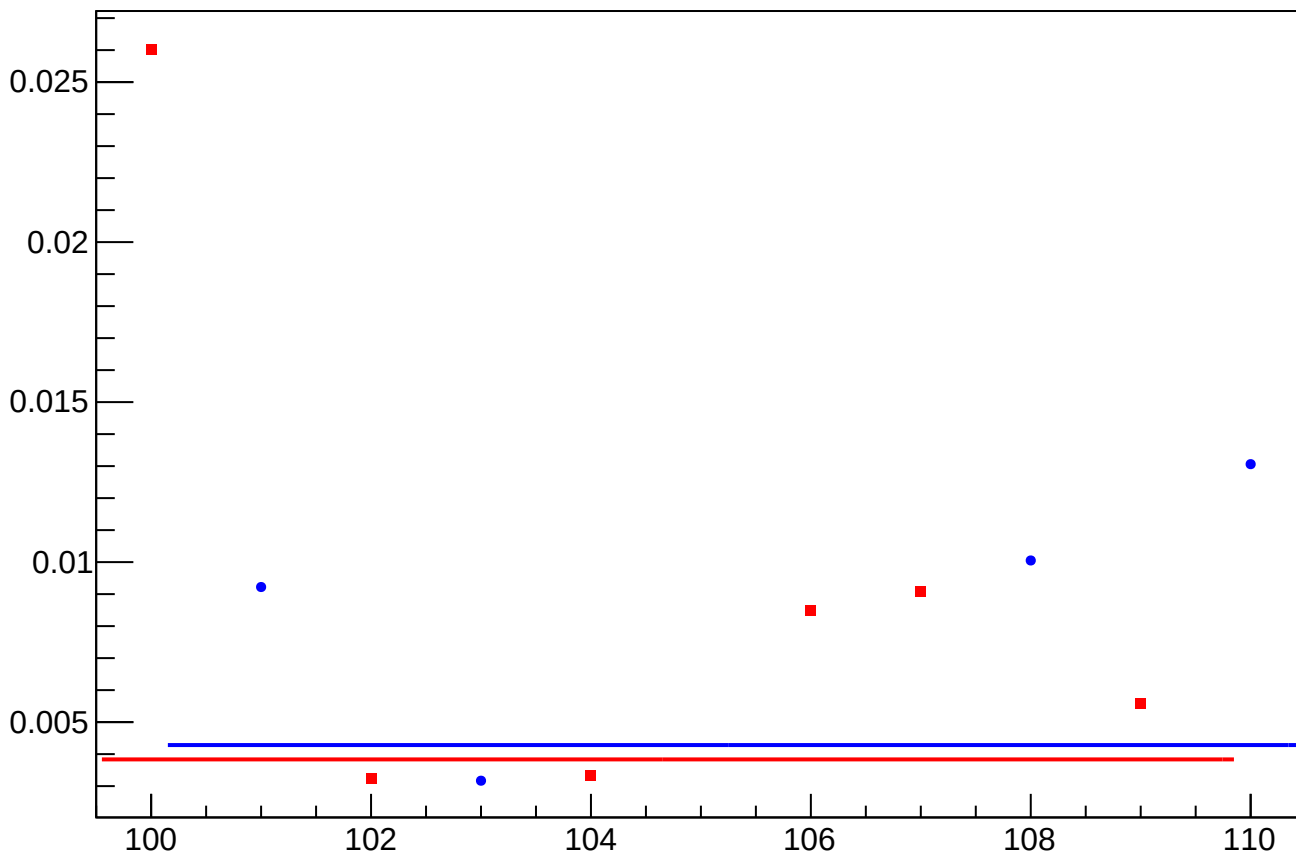
Right: -0.000+/-0.000 χ^2 /NDF: 13.1/9

In: -0.000+/-0.000 χ^2 /NDF:4.8/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.1/9

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 996466.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 598026.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

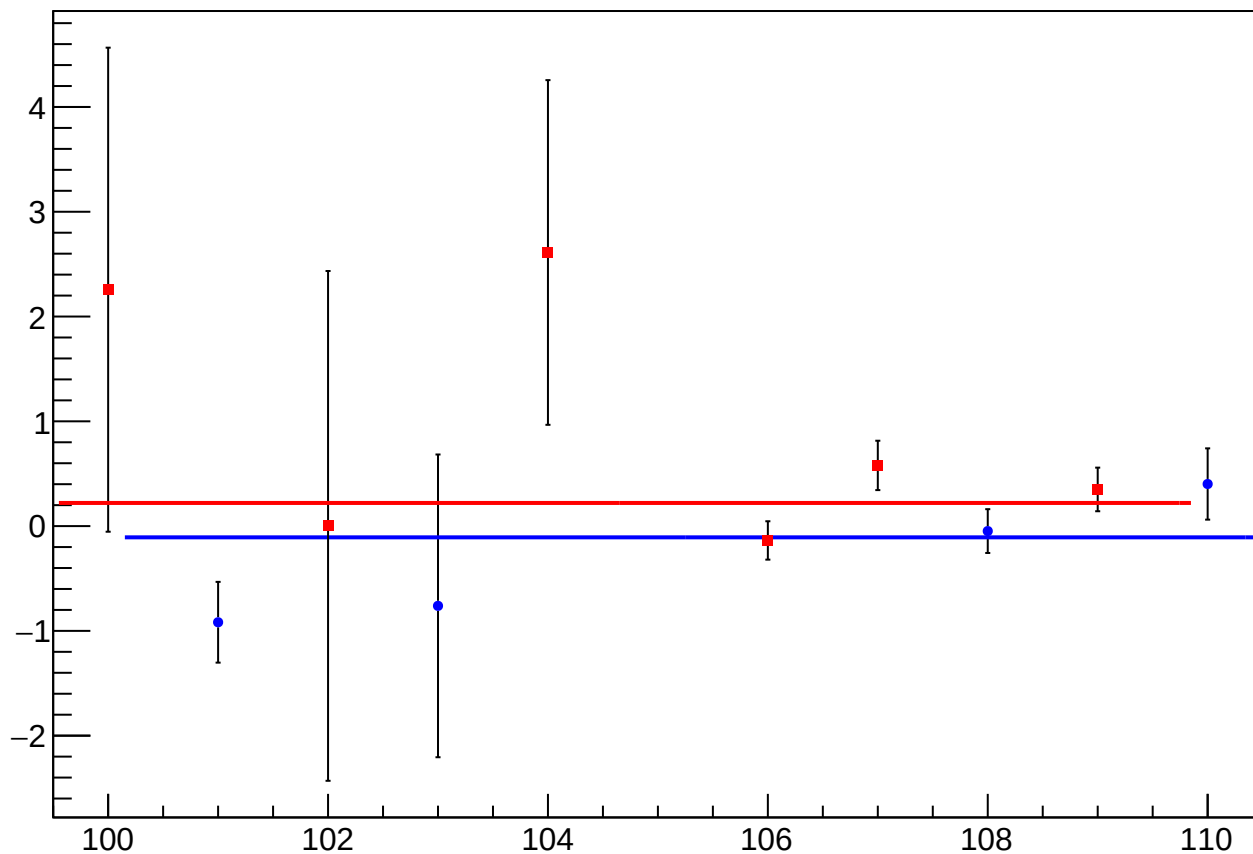
Right: 0.004+/-0.000 χ^2/NDF : 1612956.4/9

In: 0.004+/-0.000 χ^2/NDF : 996466.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1612956.4/9

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.107 ± 0.161 χ^2/NDF : 6.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.221 ± 0.118 χ^2/NDF : 9.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

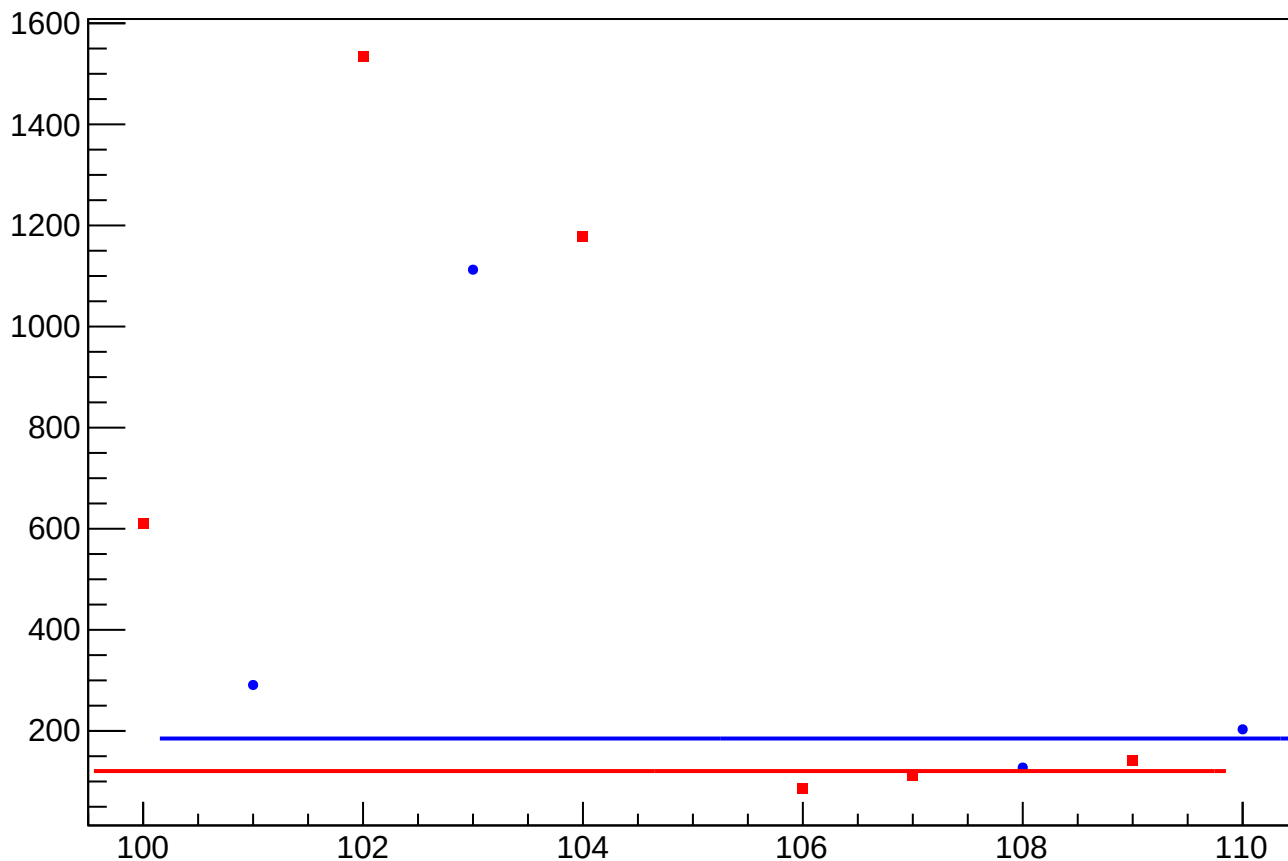
Right: 0.106 ± 0.095 χ^2/NDF : 19.1/9

In: -0.107 ± 0.161 χ^2/NDF : 6.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.106 ± 0.095 χ^2/NDF : 19.1/9

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.014+/-0.114 χ^2/NDF : 1132178.0/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 120.636+/-0.084 χ^2/NDF : 1686046.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

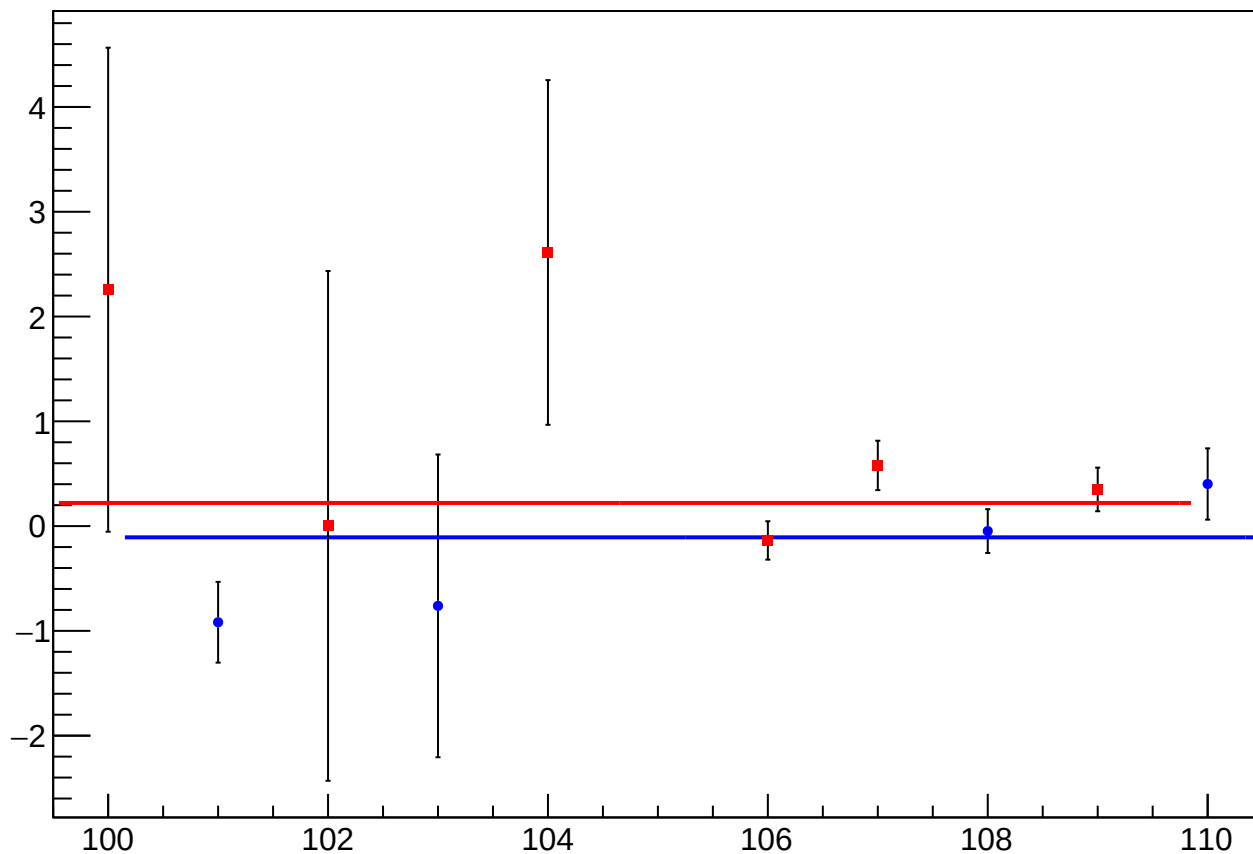
Right: 143.230+/-0.067 χ^2/NDF : 3026642.7/9

In: 185.014+/-0.114 χ^2/NDF :1132178.0/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 143.230+/-0.067 χ^2/NDF : 3026642.7/9

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.107 ± 0.161 $\chi^2/\text{NDF}: 6.9/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.221 ± 0.118 $\chi^2/\text{NDF}: 9.4/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

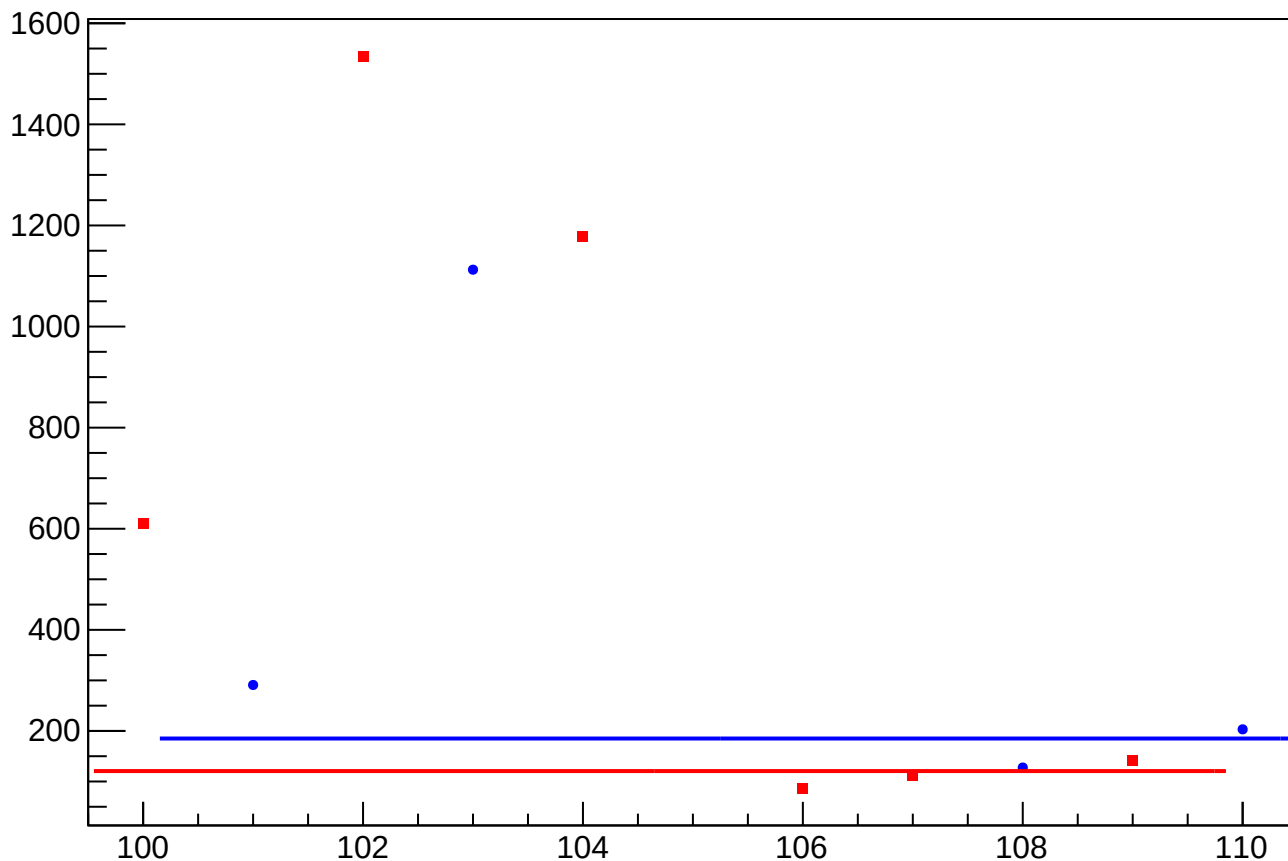
Right: 0.106 ± 0.095 $\chi^2/\text{NDF}: 19.1/9$

In: -0.107 ± 0.161 $\chi^2/\text{NDF}: 6.9/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.106 ± 0.095 $\chi^2/\text{NDF}: 19.1/9$

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.014+/-0.114 χ^2/NDF : 1132178.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.636+/-0.084 χ^2/NDF : 1686046.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

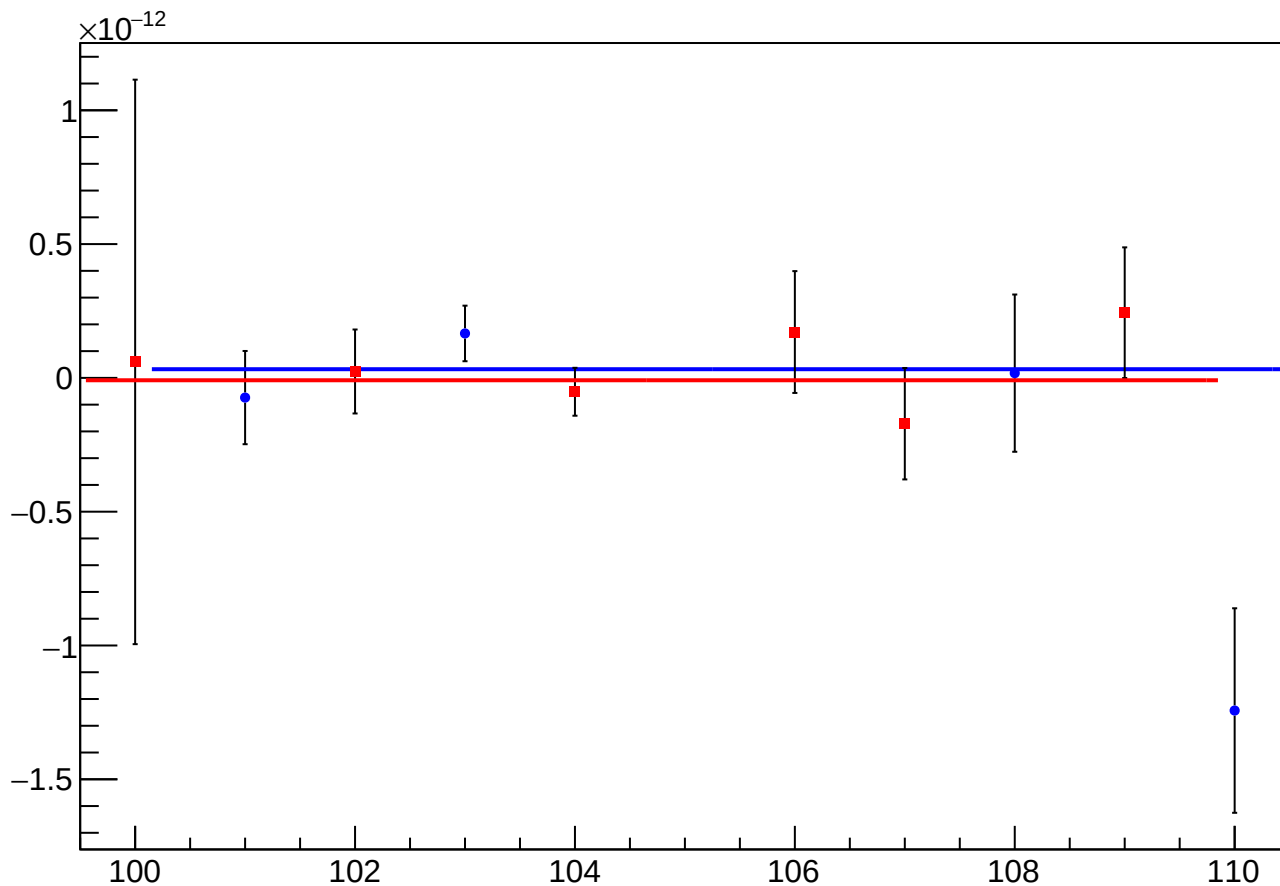
Right: 143.230+/-0.067 χ^2/NDF : 3026642.7/9

In: 185.014+/-0.114 χ^2/NDF : 1132178.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.230+/-0.067 χ^2/NDF : 3026642.7/9

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

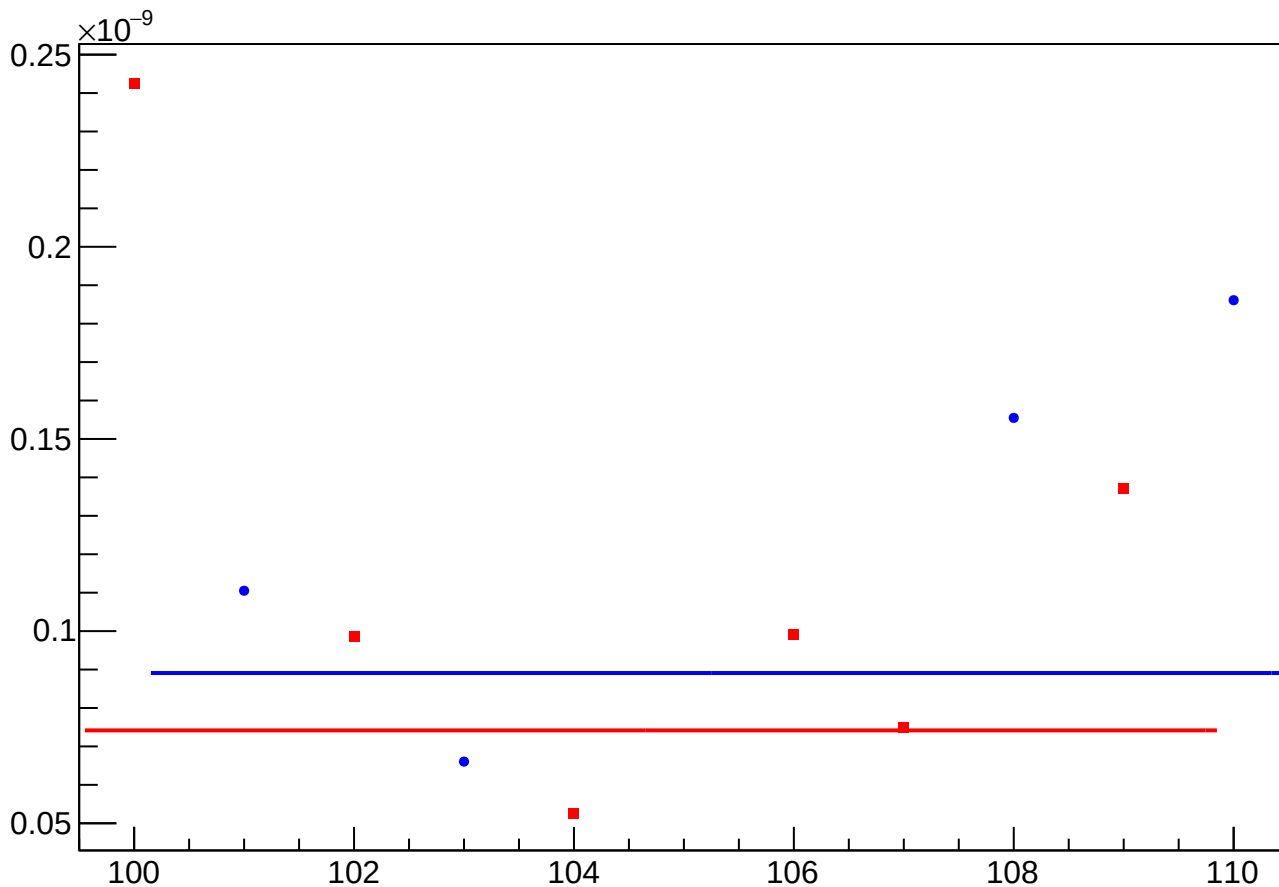
Right: 0.000+/-0.000 χ^2/NDF : 15.9/9

In: 0.000+/-0.000 χ^2/NDF : 13.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.9/9

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 359786.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 373720.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

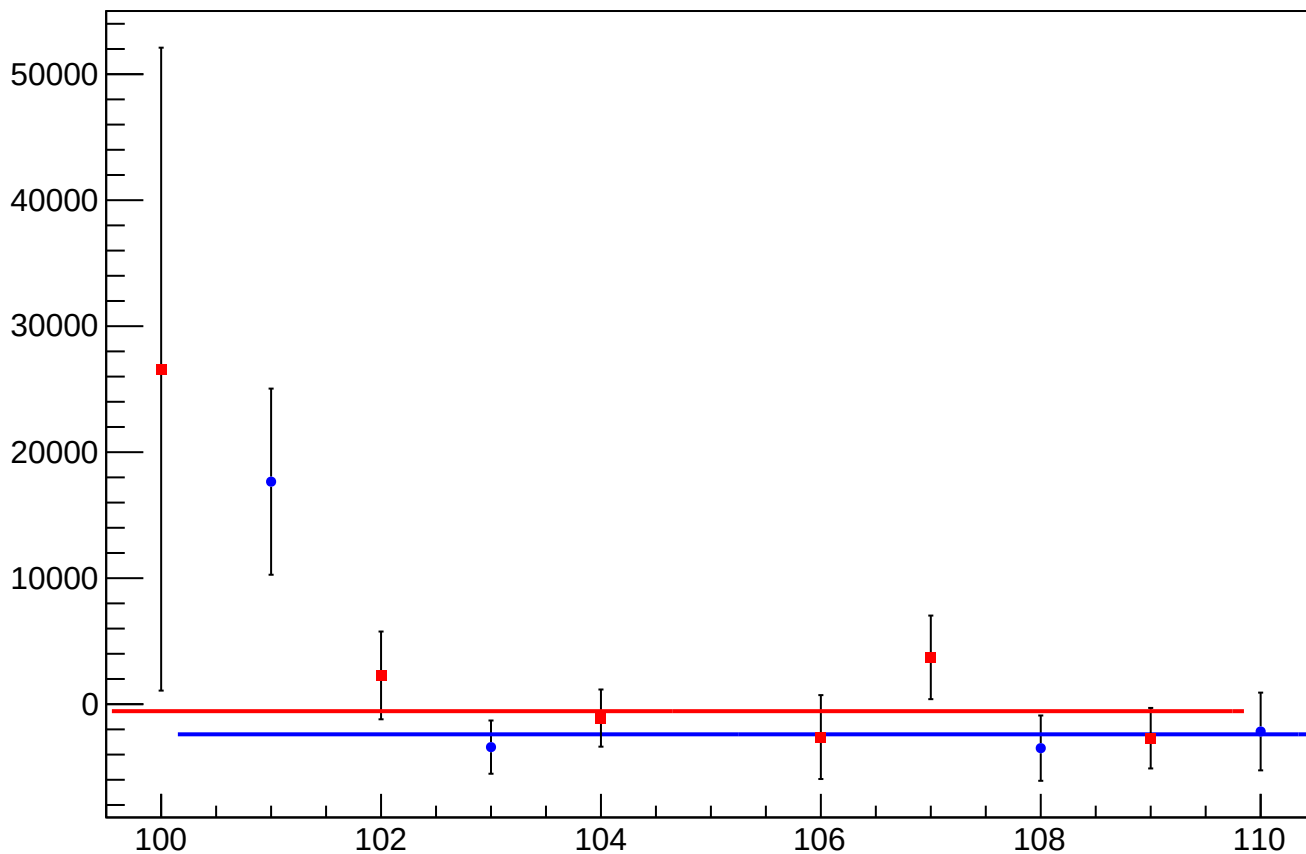
Right: 0.000+/-0.000 χ^2/NDF : 772702.9/9

In: 0.000+/-0.000 χ^2/NDF : 359786.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 772702.9/9

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2391.977+/-1419.395 χ^2/NDF : 7.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -554.655+/-1257.131 χ^2/NDF : 4.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

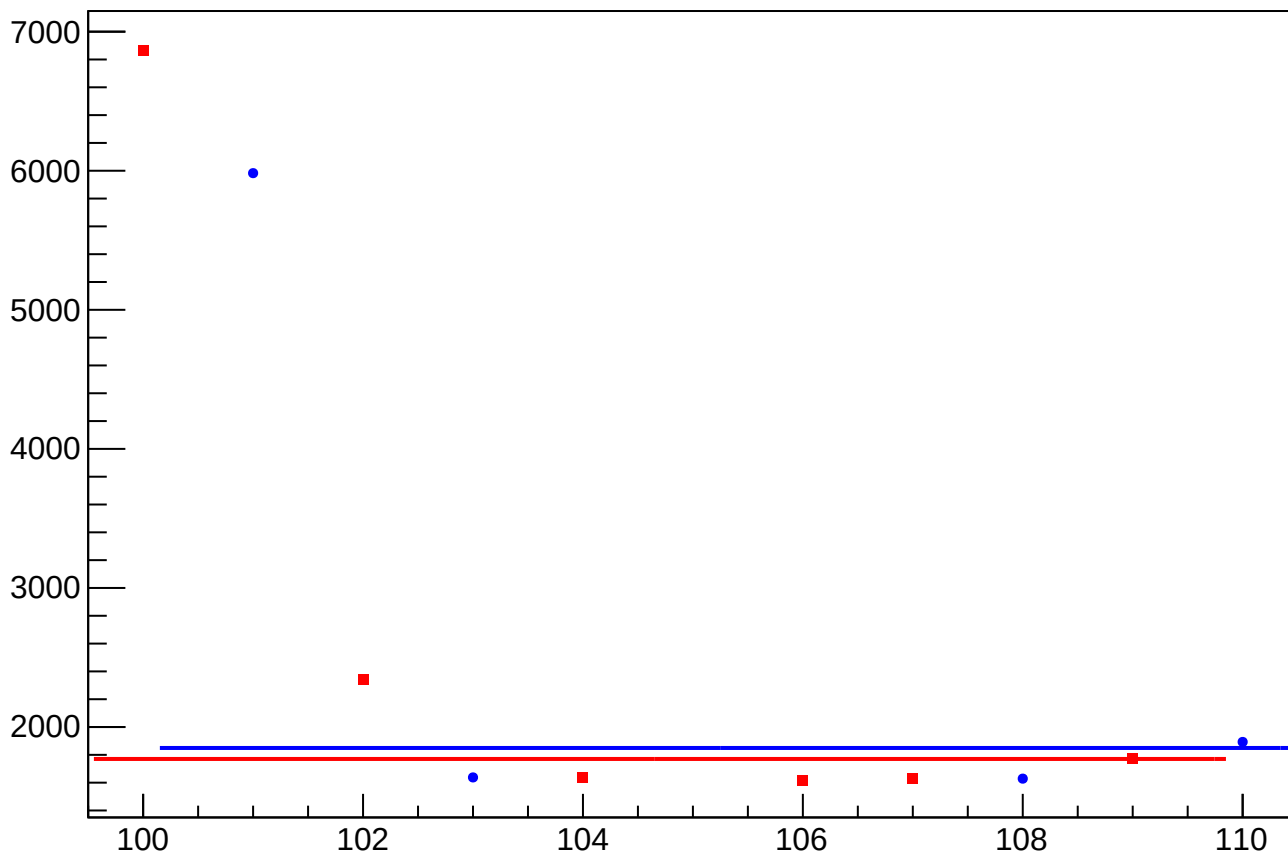
Right: -1362.337+/-941.089 χ^2/NDF : 13.4/9

In: -2391.977+/-1419.395 χ^2/NDF : 7.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1362.337+/-941.089 χ^2/NDF : 13.4/9

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1849.481+/-1.004 χ^2/NDF : 661143.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1770.443+/-0.879 χ^2/NDF : 150045.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

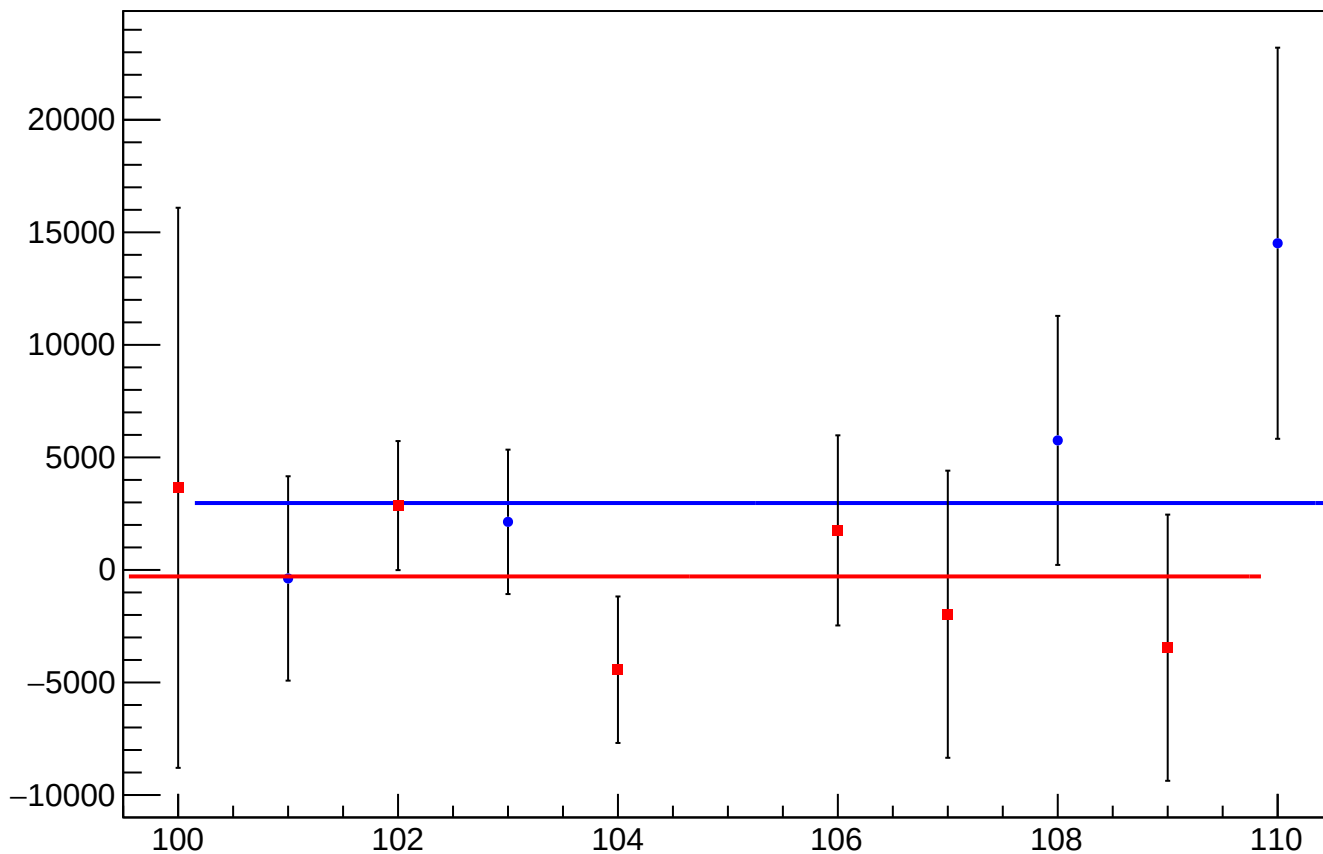
Right: 1804.769+/-0.661 χ^2/NDF : 814697.8/9

In: 1849.481+/-1.004 χ^2/NDF : 661143.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1804.769+/-0.661 χ^2/NDF : 814697.8/9

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2972.770+/-2284.602 χ^2/NDF : 2.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -288.519+/-1736.063 χ^2/NDF : 3.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

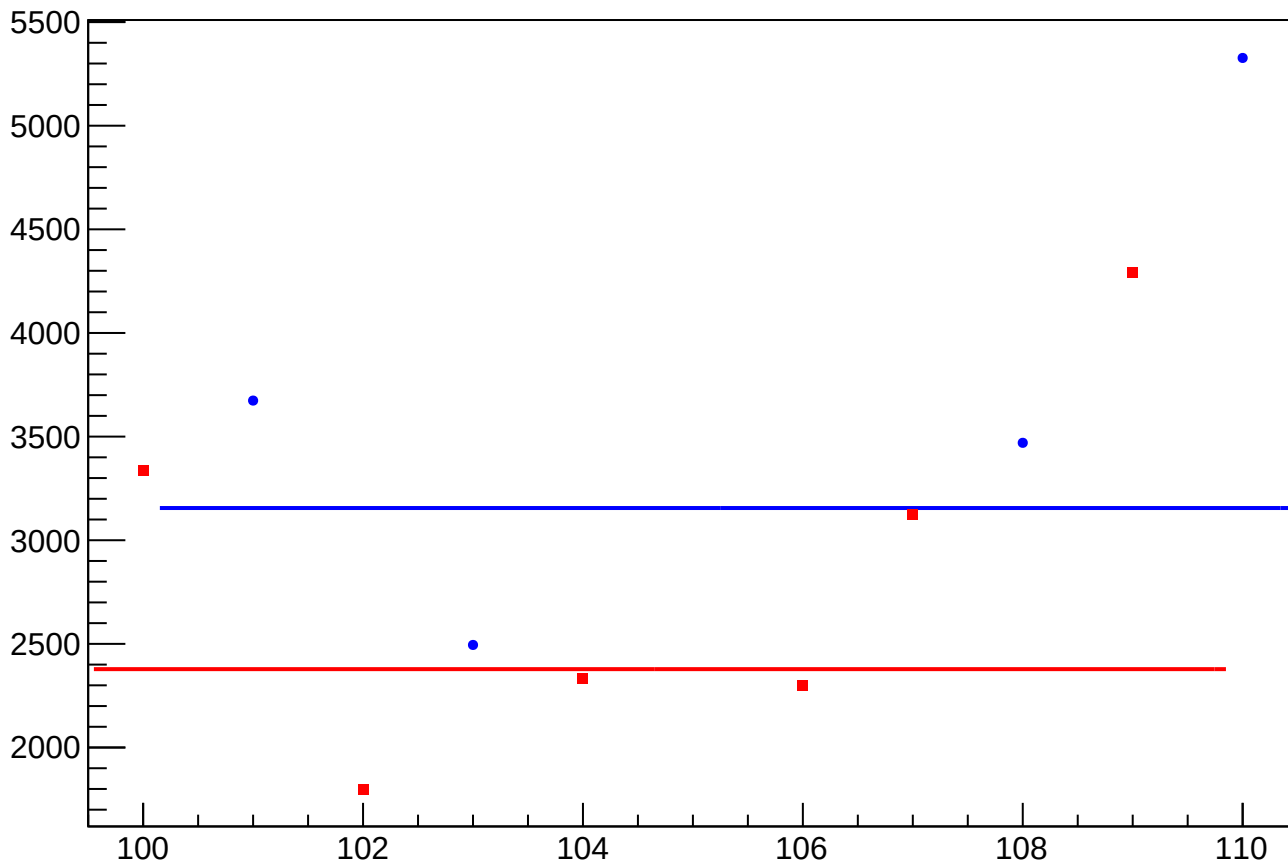
Right: 905.319+/-1382.256 χ^2/NDF : 7.4/9

In: 2972.770+/-2284.602 χ^2/NDF : 2.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 905.319+/-1382.256 χ^2/NDF : 7.4/9

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3155.430+/-1.615 χ^2/NDF : 242245.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2378.091+/-1.228 χ^2/NDF : 331783.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

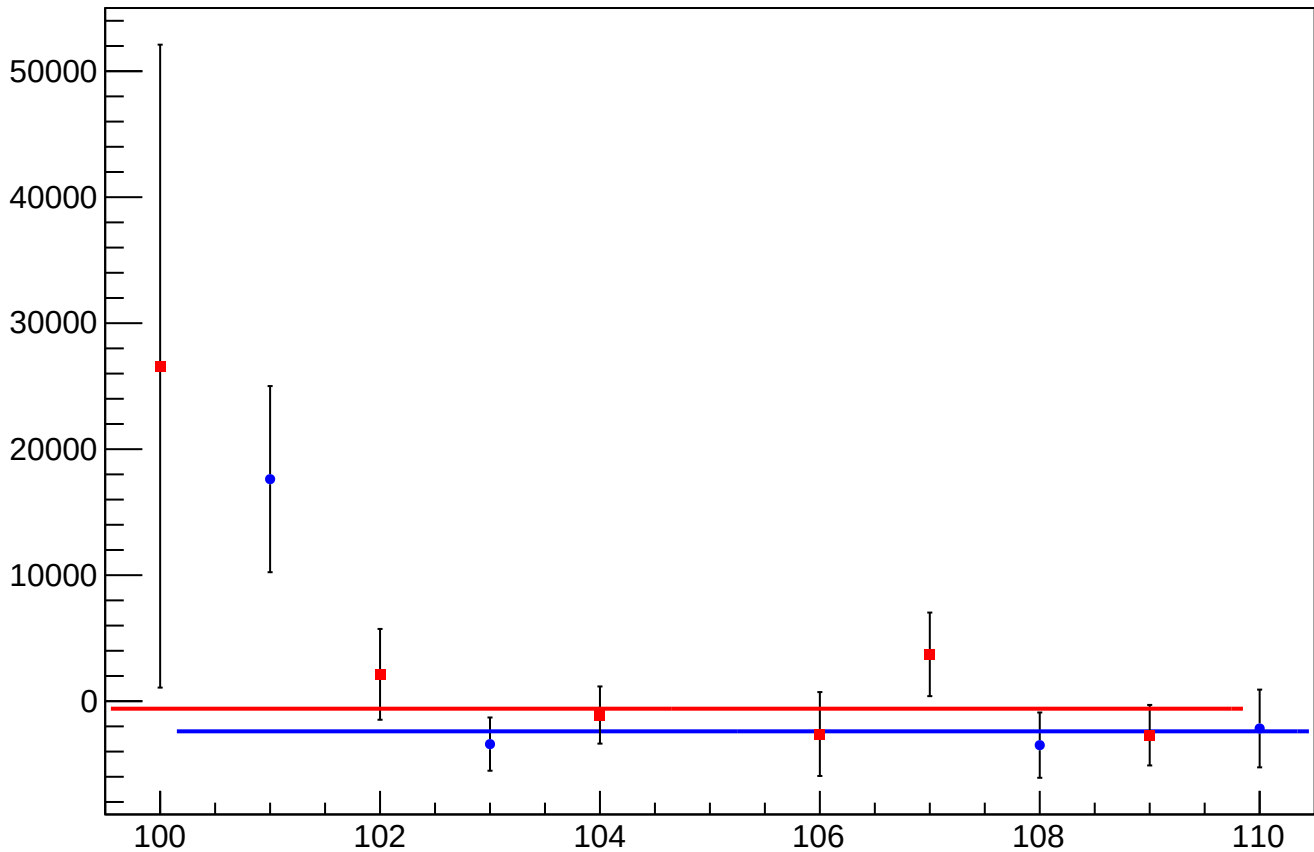
Right: 2662.646+/-0.977 χ^2/NDF : 720811.3/9

In: 3155.430+/-1.615 χ^2/NDF : 242245.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2662.646+/-0.977 χ^2/NDF : 720811.3/9

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2393.087+/-1419.395 χ^2/NDF : 7.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -596.377+/-1262.582 χ^2/NDF : 4.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

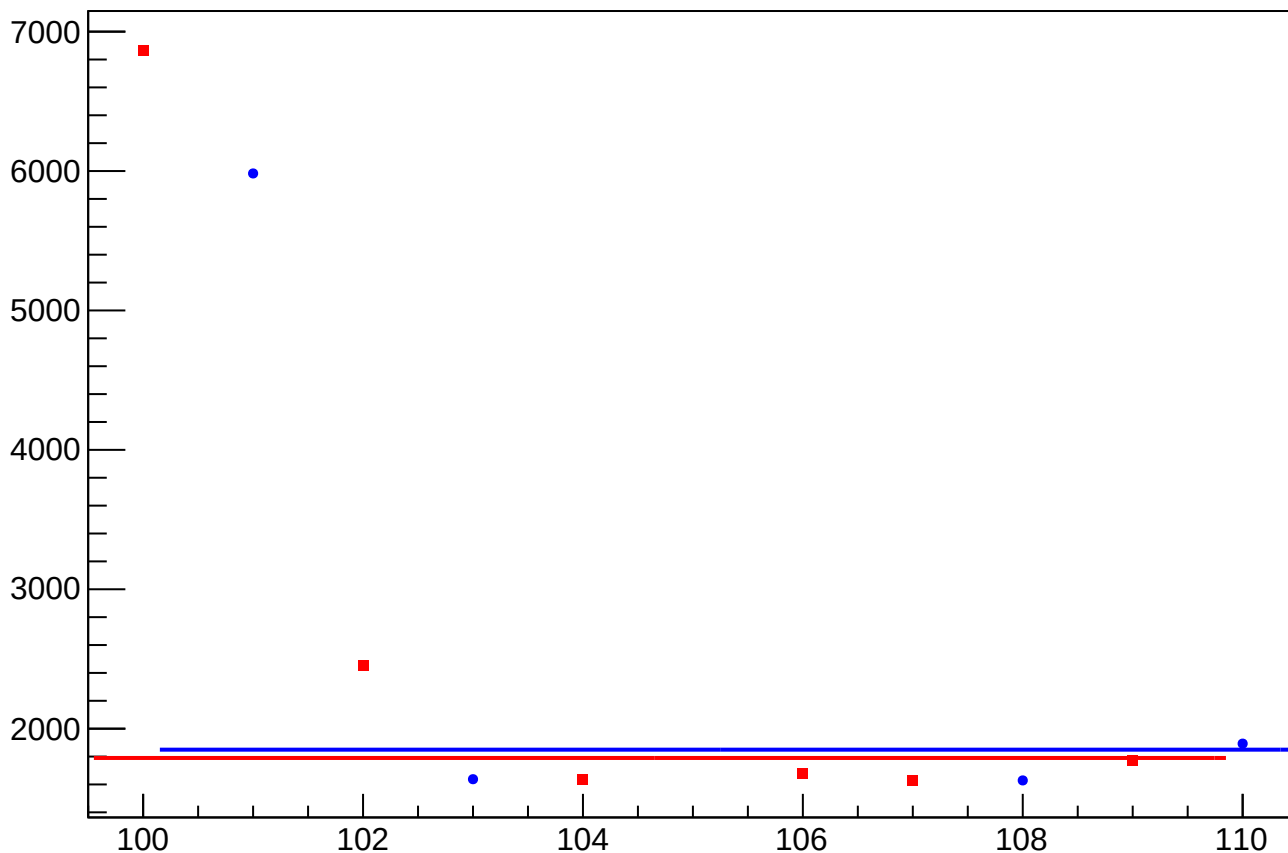
Right: -1390.038+/-943.370 χ^2/NDF : 13.2/9

In: -2393.087+/-1419.395 χ^2/NDF : 7.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1390.038+/-943.370 χ^2/NDF : 13.2/9

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1849.480+/-1.004 χ^2/NDF : 661144.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1789.926+/-0.888 χ^2/NDF : 164061.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

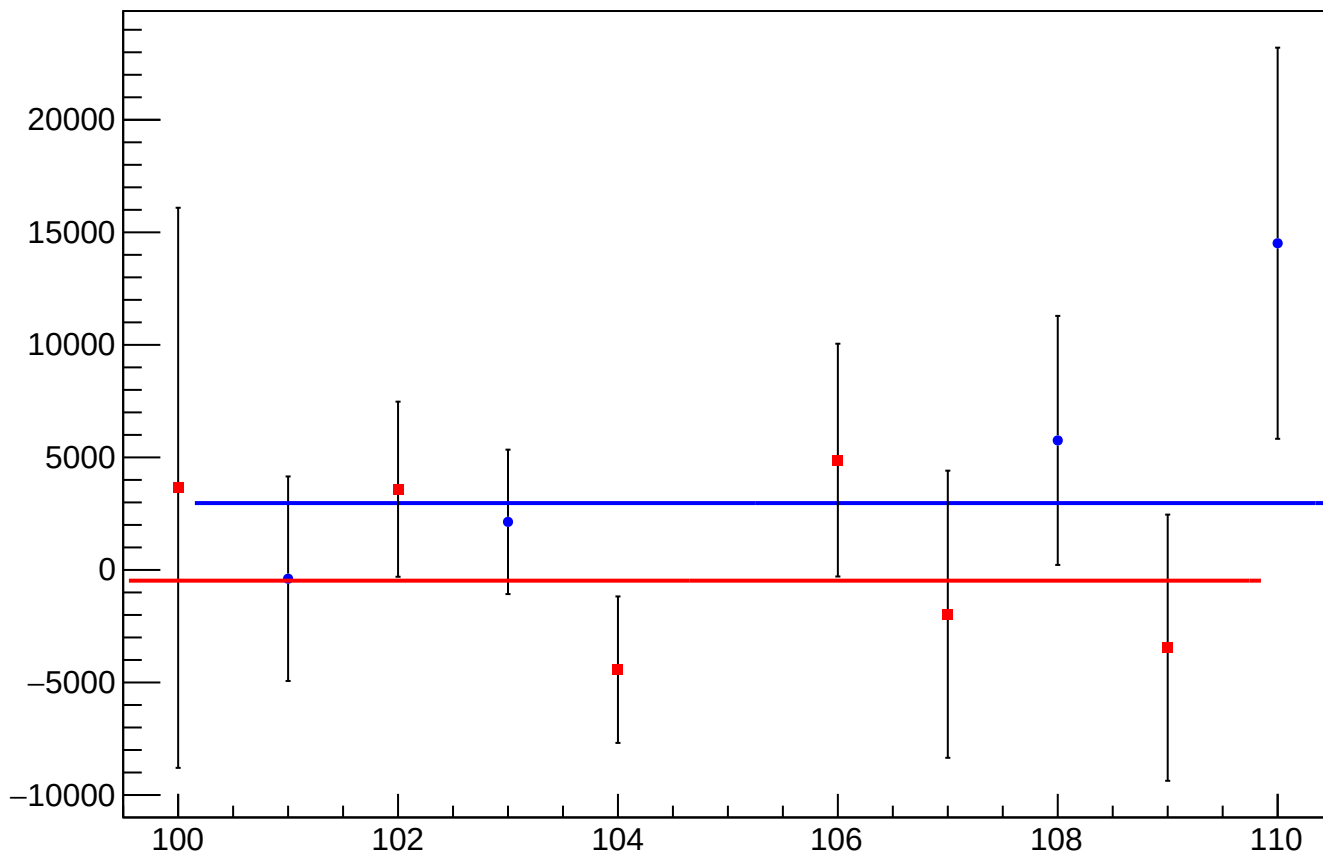
Right: 1816.087+/-0.665 χ^2/NDF : 827179.4/9

In: 1849.480+/-1.004 χ^2/NDF : 661144.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1816.087+/-0.665 χ^2/NDF : 827179.4/9

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2970.890+/-2285.241 χ^2/NDF : 2.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -475.896+/-1970.512 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

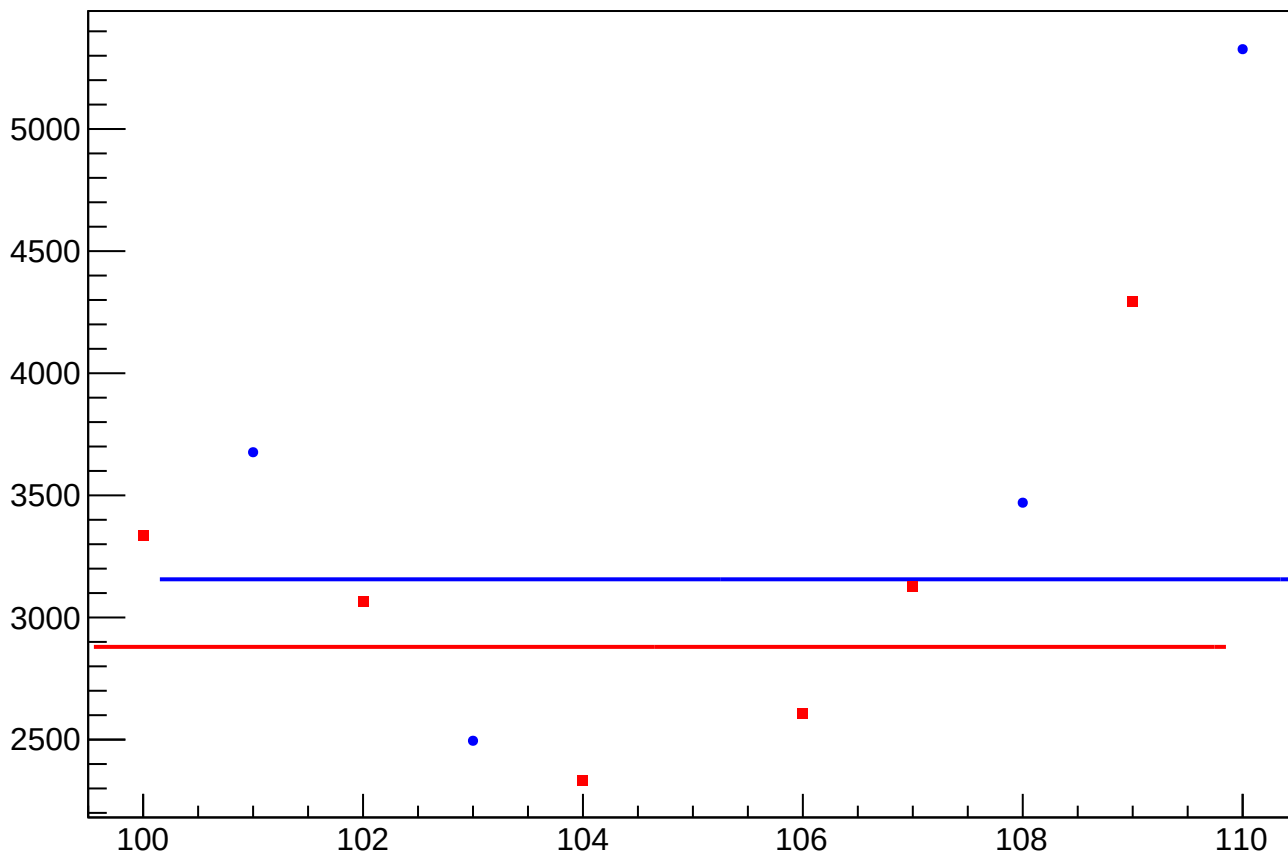
Right: 993.981+/-1492.332 χ^2/NDF : 8.0/9

In: 2970.890+/-2285.241 χ^2/NDF : 2.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 993.981+/-1492.332 χ^2/NDF : 8.0/9

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3156.307+/-1.616 χ^2/NDF : 242338.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2879.658+/-1.393 χ^2/NDF : 186119.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

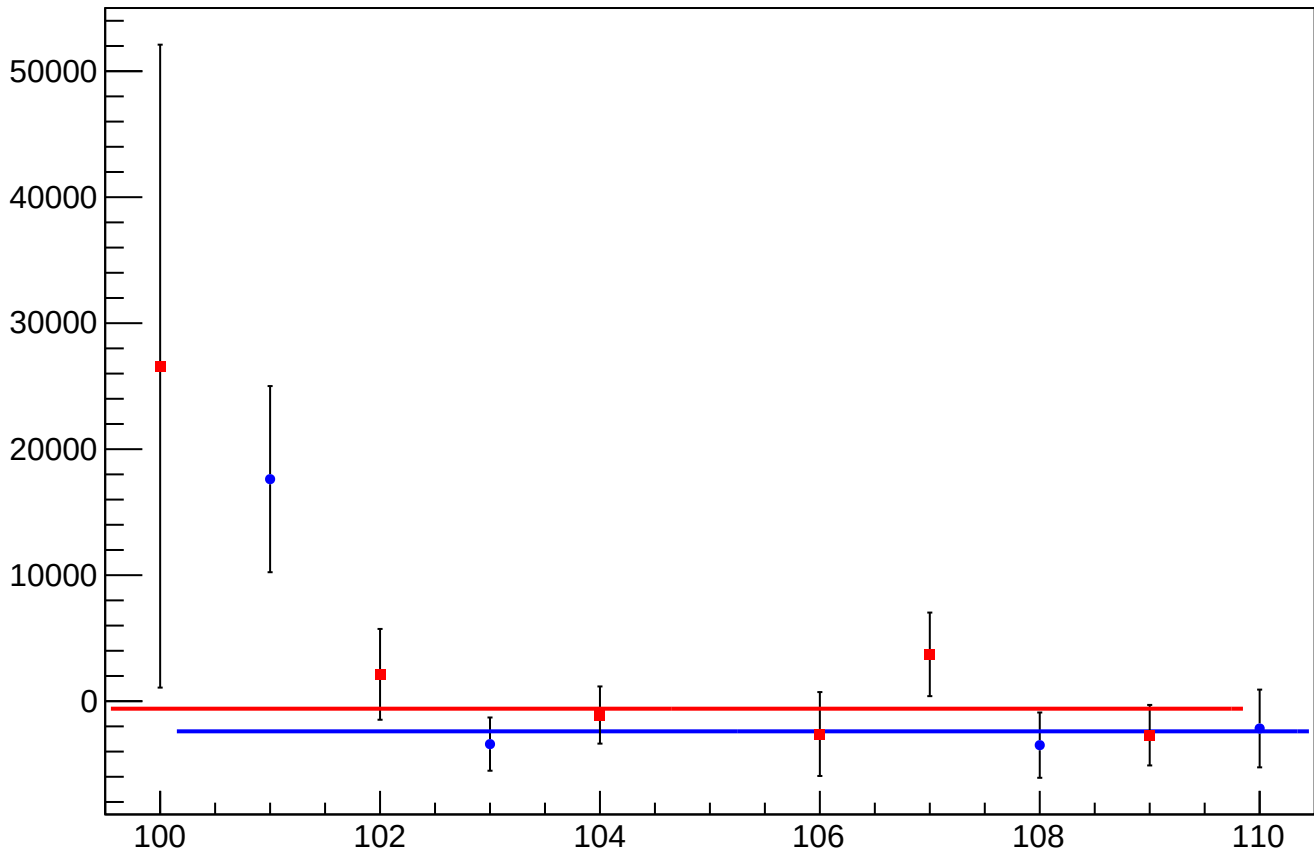
Right: 2997.635+/-1.055 χ^2/NDF : 445268.3/9

In: 3156.307+/-1.616 χ^2/NDF : 242338.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2997.635+/-1.055 χ^2/NDF : 445268.3/9

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2393.087+/-1419.395 χ^2/NDF : 7.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -596.377+/-1262.582 χ^2/NDF : 4.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

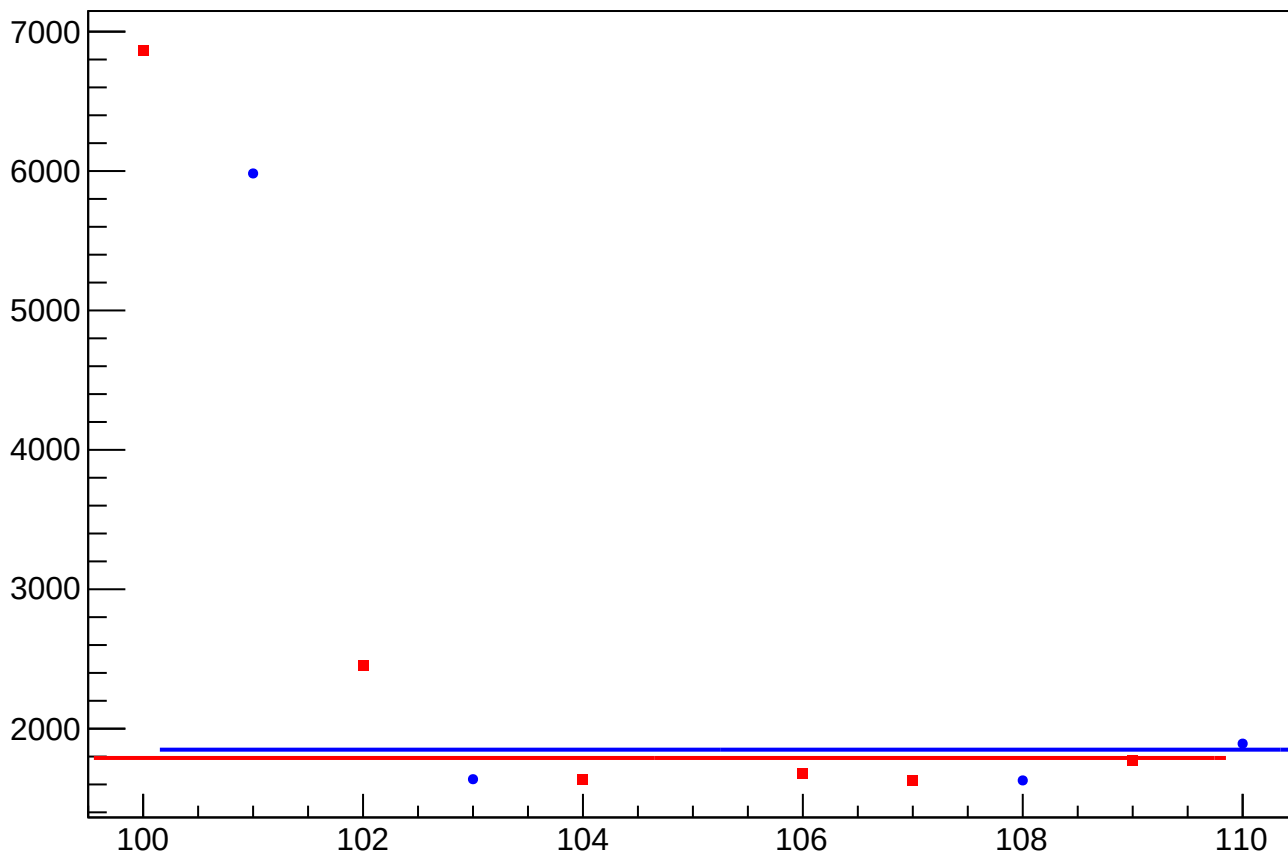
Right: -1390.038+/-943.370 χ^2/NDF : 13.2/9

In: -2393.087+/-1419.395 χ^2/NDF : 7.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1390.038+/-943.370 χ^2/NDF : 13.2/9

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1849.480+/-1.004 χ^2/NDF : 661144.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1789.926+/-0.888 χ^2/NDF : 164061.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

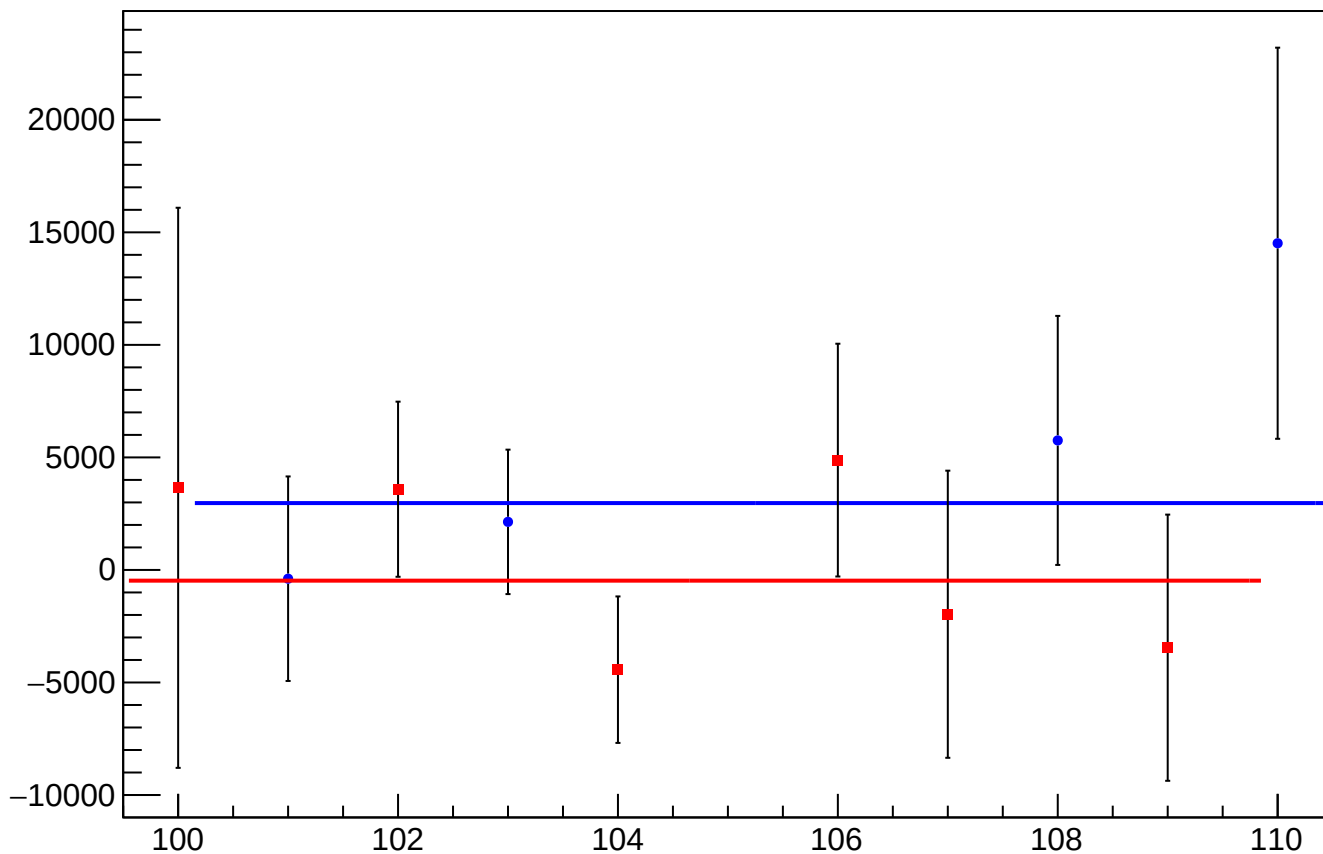
Right: 1816.087+/-0.665 χ^2/NDF : 827179.4/9

In: 1849.480+/-1.004 χ^2/NDF : 661144.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1816.087+/-0.665 χ^2/NDF : 827179.4/9

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2970.890+/-2285.241 χ^2/NDF : 2.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -475.896+/-1970.512 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

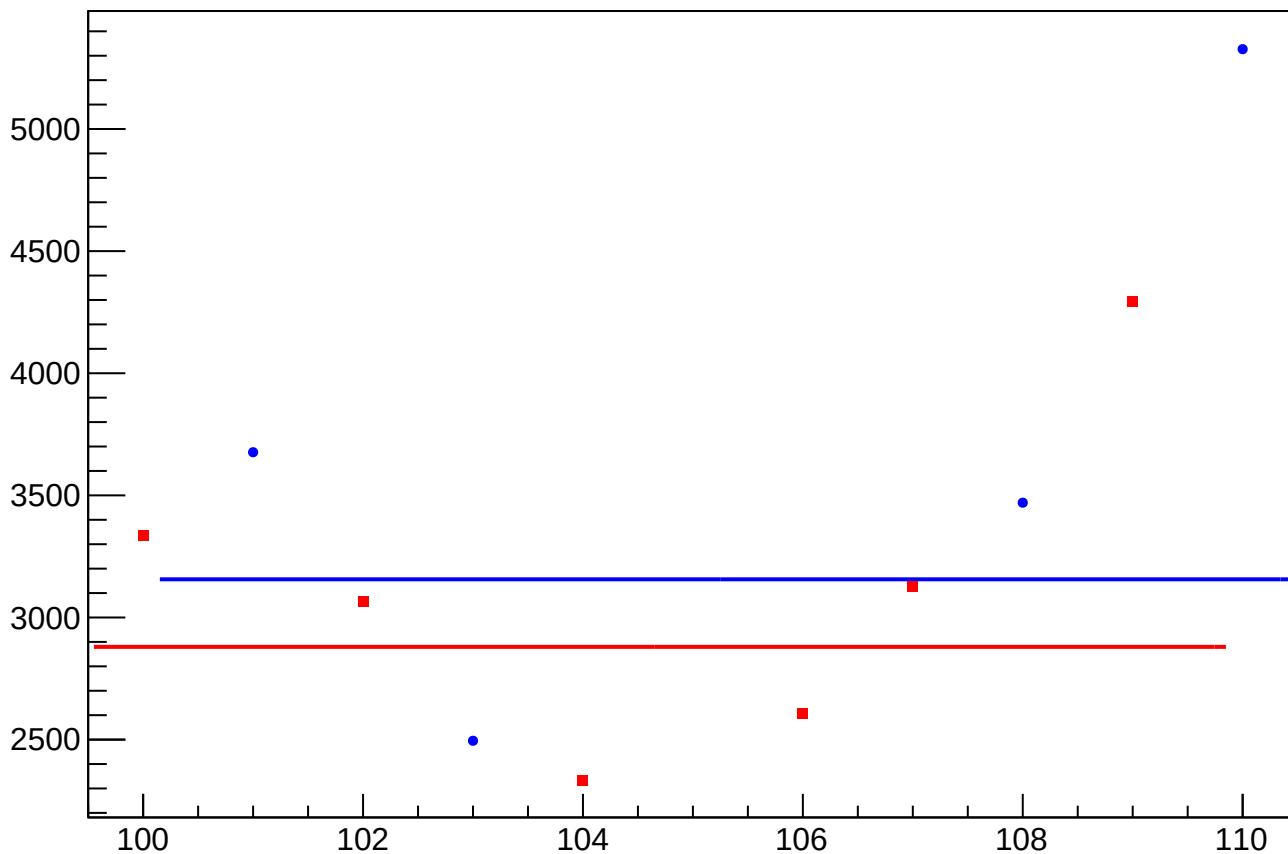
Right: 993.981+/-1492.332 χ^2/NDF : 8.0/9

In: 2970.890+/-2285.241 χ^2/NDF : 2.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 993.981+/-1492.332 χ^2/NDF : 8.0/9

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3156.307+/-1.616 χ^2/NDF : 242338.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2879.658+/-1.393 χ^2/NDF : 186119.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

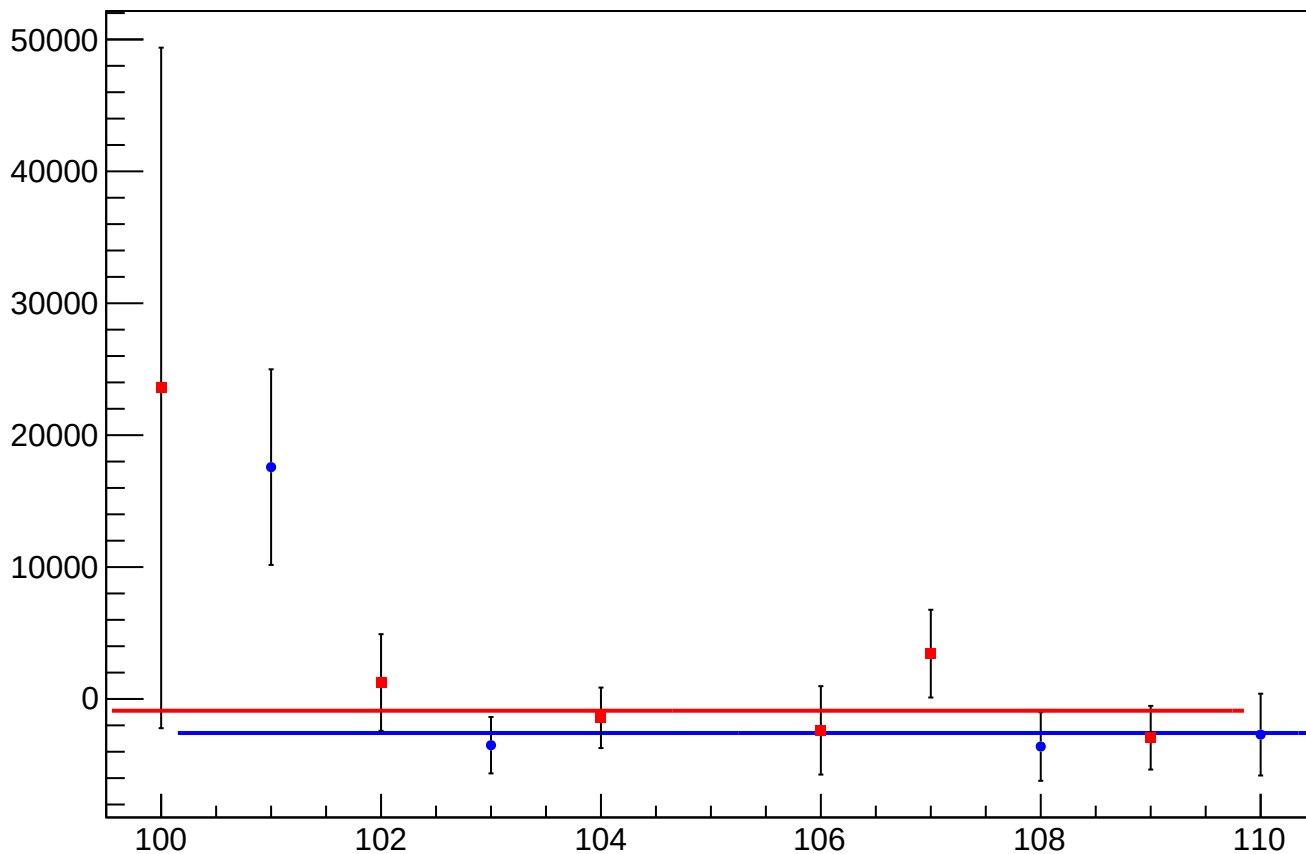
Right: 2997.635+/-1.055 χ^2/NDF : 445268.3/9

In: 3156.307+/-1.616 χ^2/NDF : 242338.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2997.635+/-1.055 χ^2/NDF : 445268.3/9

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2579.646 $\pm$ 1429.902 χ^2 /NDF: 7.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -889.419 $\pm$ 1272.739 χ^2 /NDF: 3.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

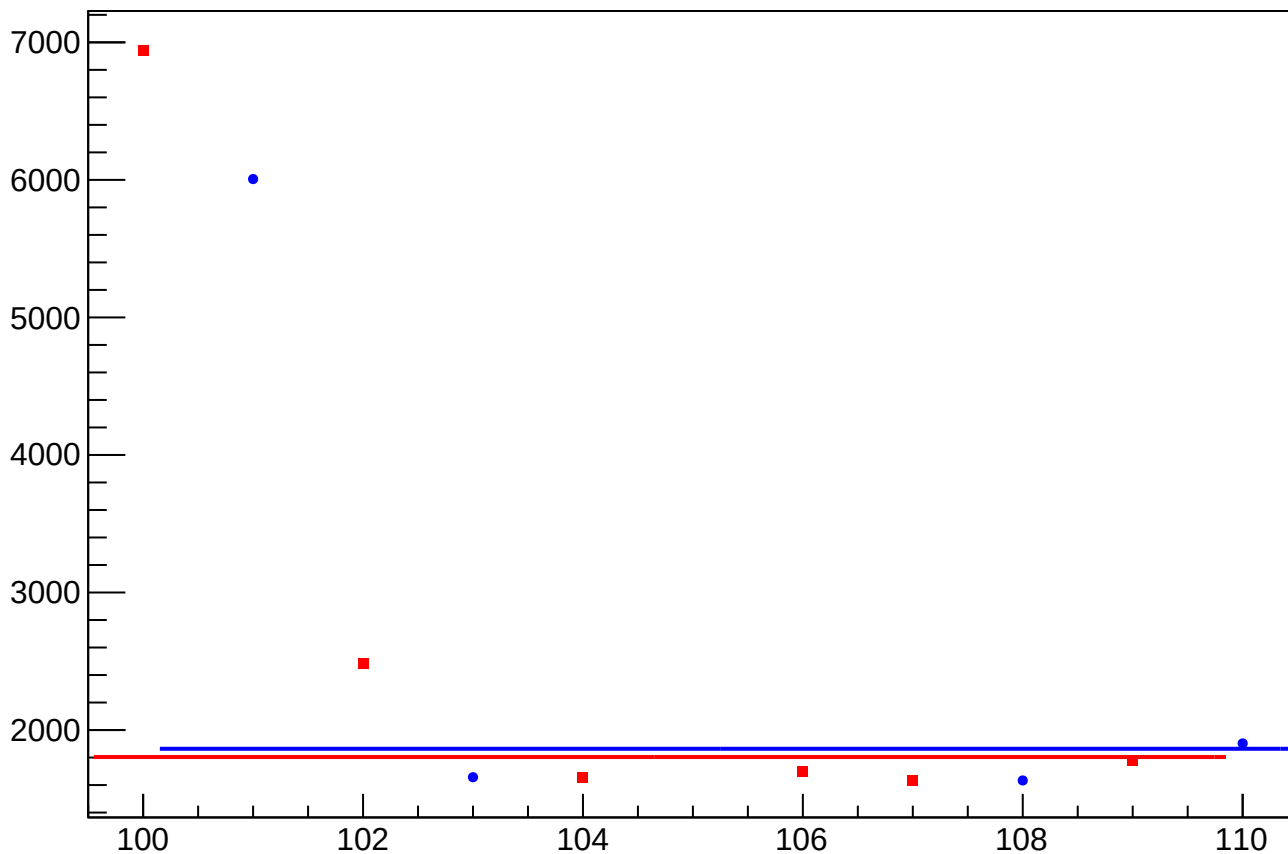
Right: -1636.574 $\pm$ 950.691 χ^2 /NDF: 12.4/9

In: -2579.646 $\pm$ 1429.902 χ^2 /NDF: 7.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1636.574 $\pm$ 950.691 χ^2 /NDF: 12.4/9

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1863.812+/-1.011 χ^2/NDF : 658660.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1803.767+/-0.897 χ^2/NDF : 164255.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

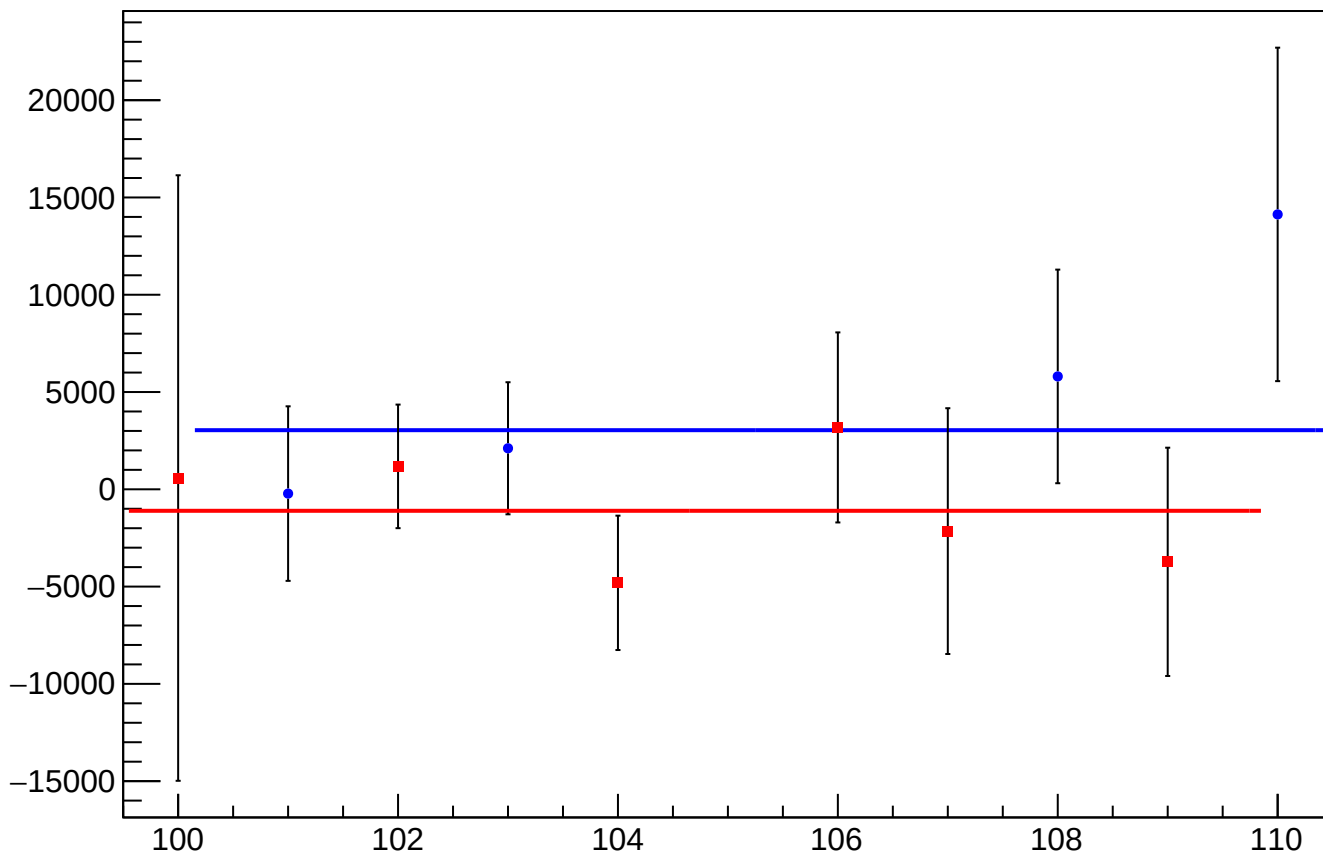
Right: 1830.208+/-0.671 χ^2/NDF : 824890.2/9

In: 1863.812+/-1.011 χ^2/NDF : 658660.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1830.208+/-0.671 χ^2/NDF : 824890.2/9

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3038.938+/-2335.810 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1104.645+/-1879.115 χ^2/NDF : 2.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

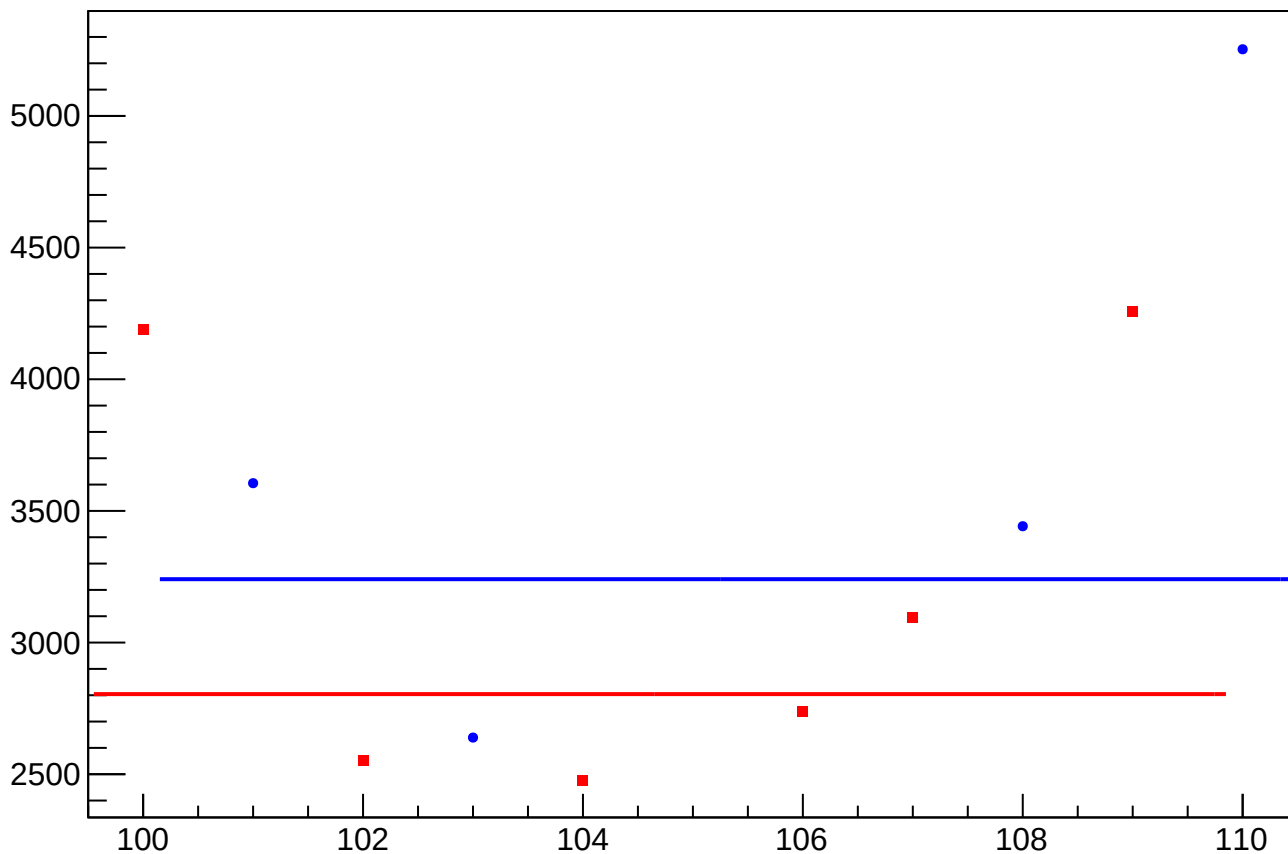
Right: 523.392+/-1464.137 χ^2/NDF : 7.1/9

In: 3038.938+/-2335.810 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.392+/-1464.137 χ^2/NDF : 7.1/9

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3240.708+/-1.652 χ^2/NDF : 189009.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2804.252+/-1.329 χ^2/NDF : 173452.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

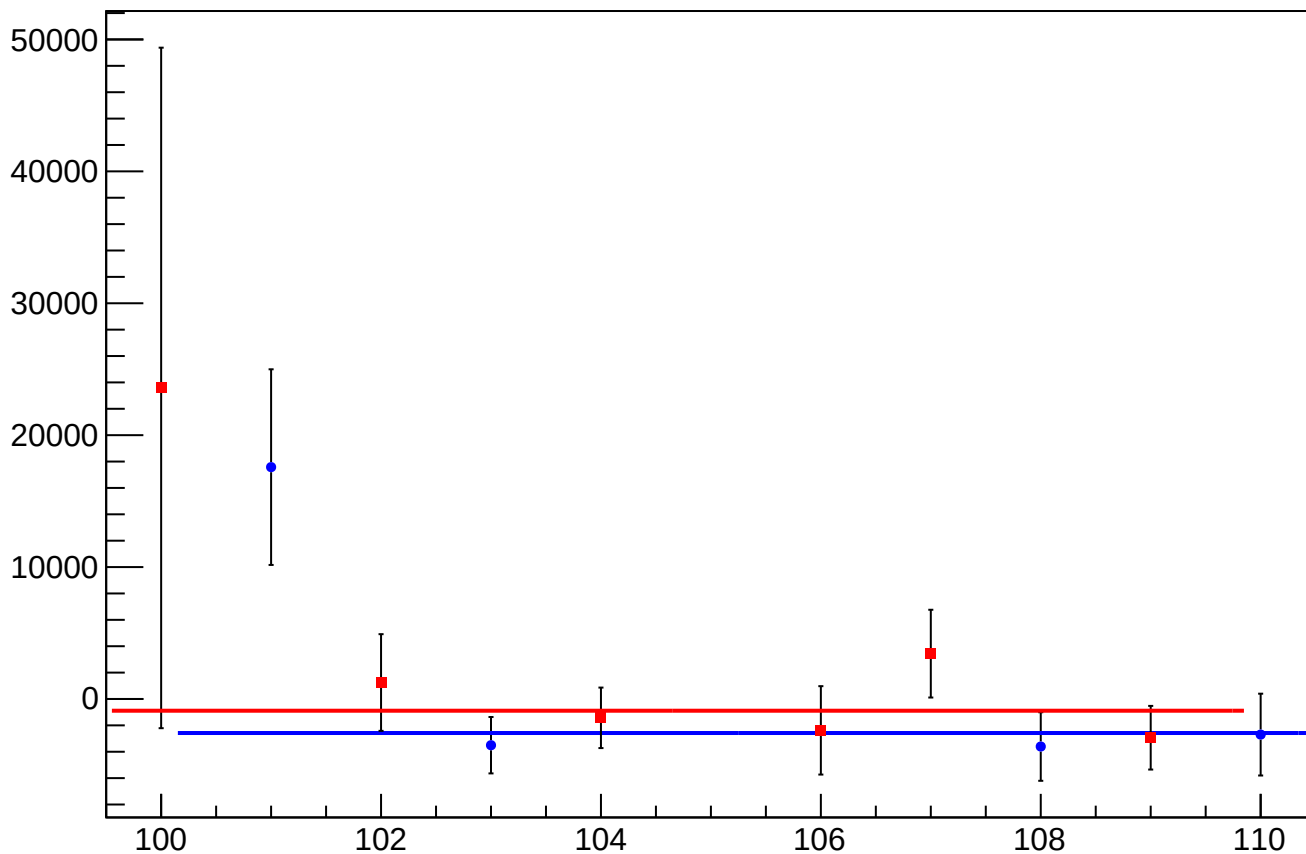
Right: 2975.738+/-1.035 χ^2/NDF : 404854.6/9

In: 3240.708+/-1.652 χ^2/NDF : 189009.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2975.738+/-1.035 χ^2/NDF : 404854.6/9

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2579.650+/-1429.902 χ^2/NDF : 7.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -889.418+/-1272.739 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

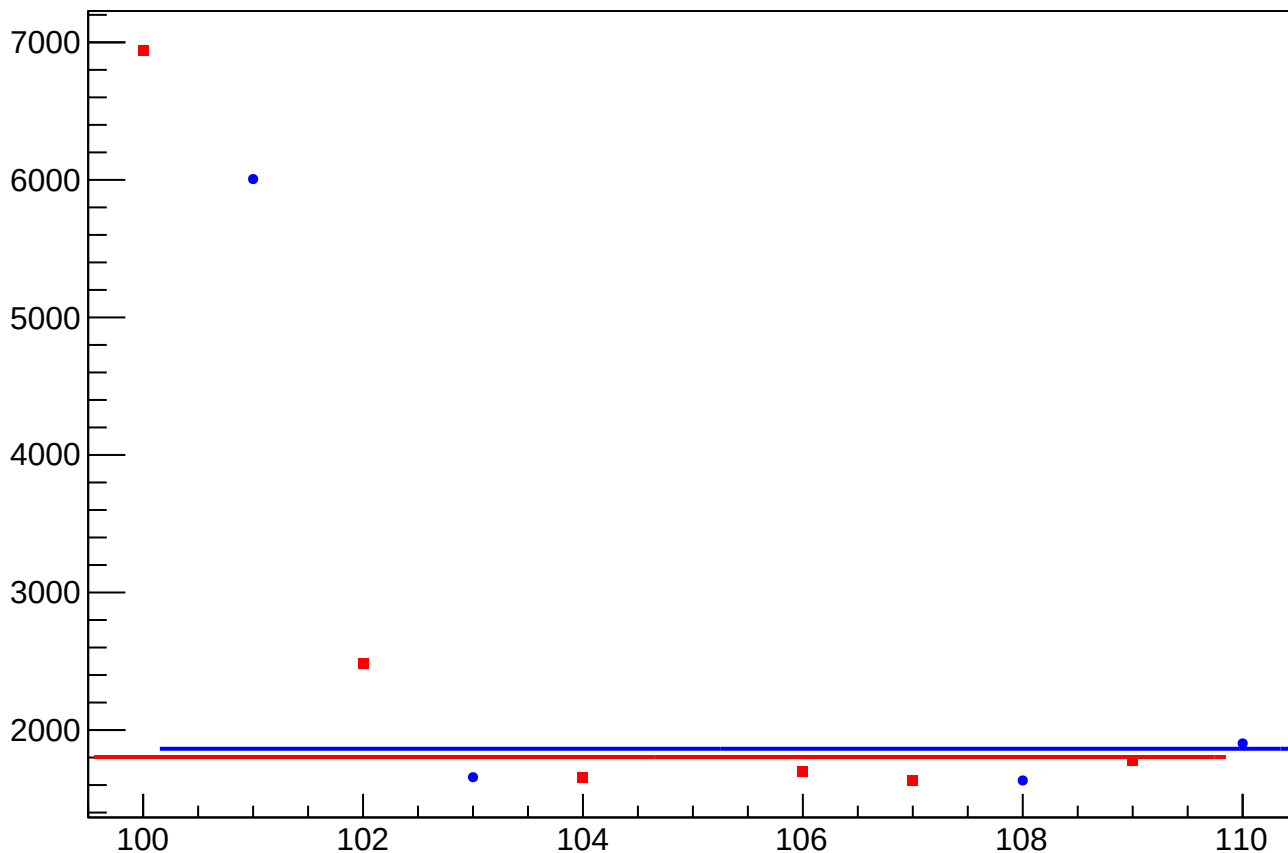
Right: -1636.576+/-950.691 χ^2/NDF : 12.4/9

In: -2579.650+/-1429.902 χ^2/NDF : 7.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1636.576+/-950.691 χ^2/NDF : 12.4/9

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1863.812 $\pm$ 1.011 χ^2 /NDF: 658660.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1803.767 $\pm$ 0.897 χ^2 /NDF: 164255.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

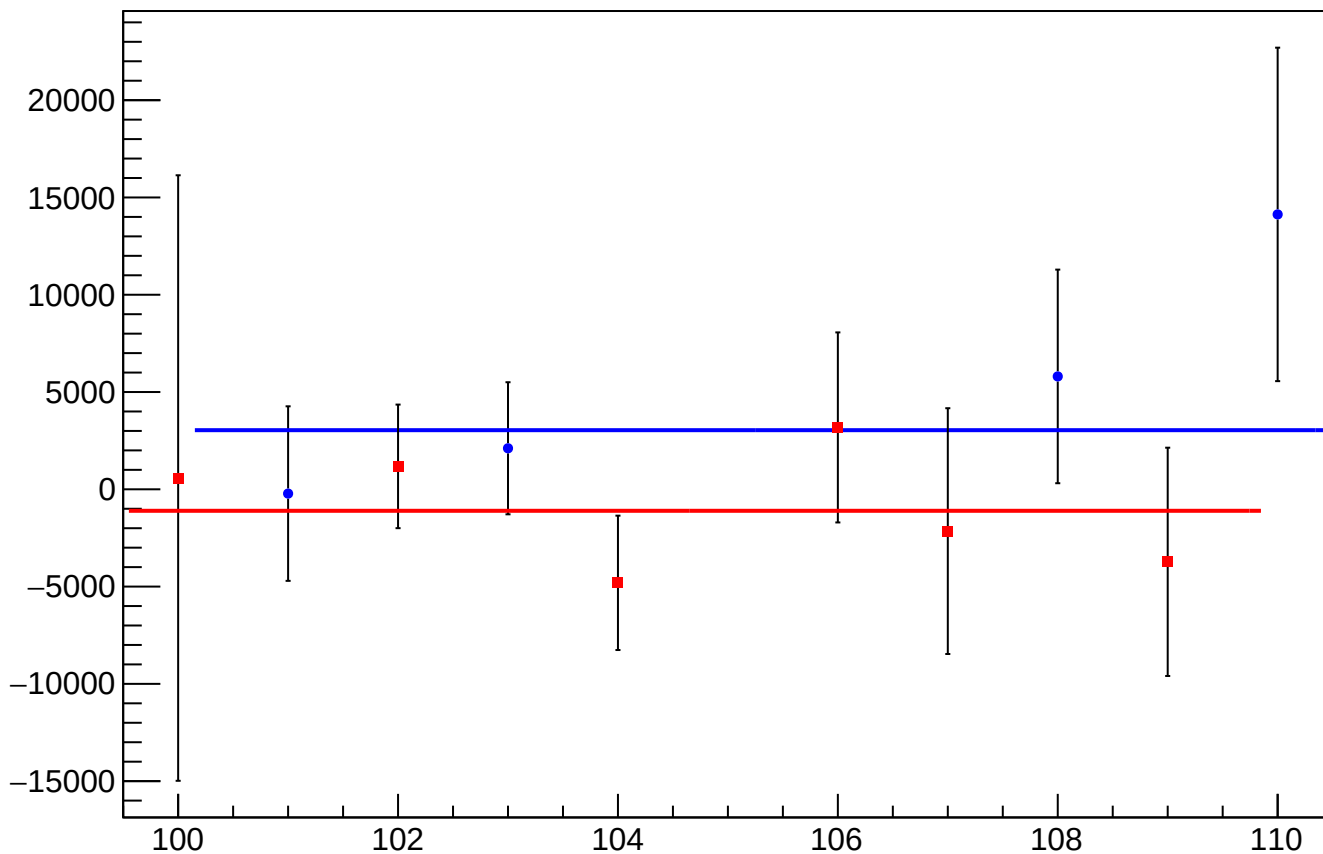
Right: 1830.209 $\pm$ 0.671 χ^2 /NDF: 824890.3/9

In: 1863.812 $\pm$ 1.011 χ^2 /NDF:658660.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1830.209 $\pm$ 0.671 χ^2 /NDF: 824890.3/9

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3038.944+/-2335.809 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1104.647+/-1879.114 χ^2/NDF : 2.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

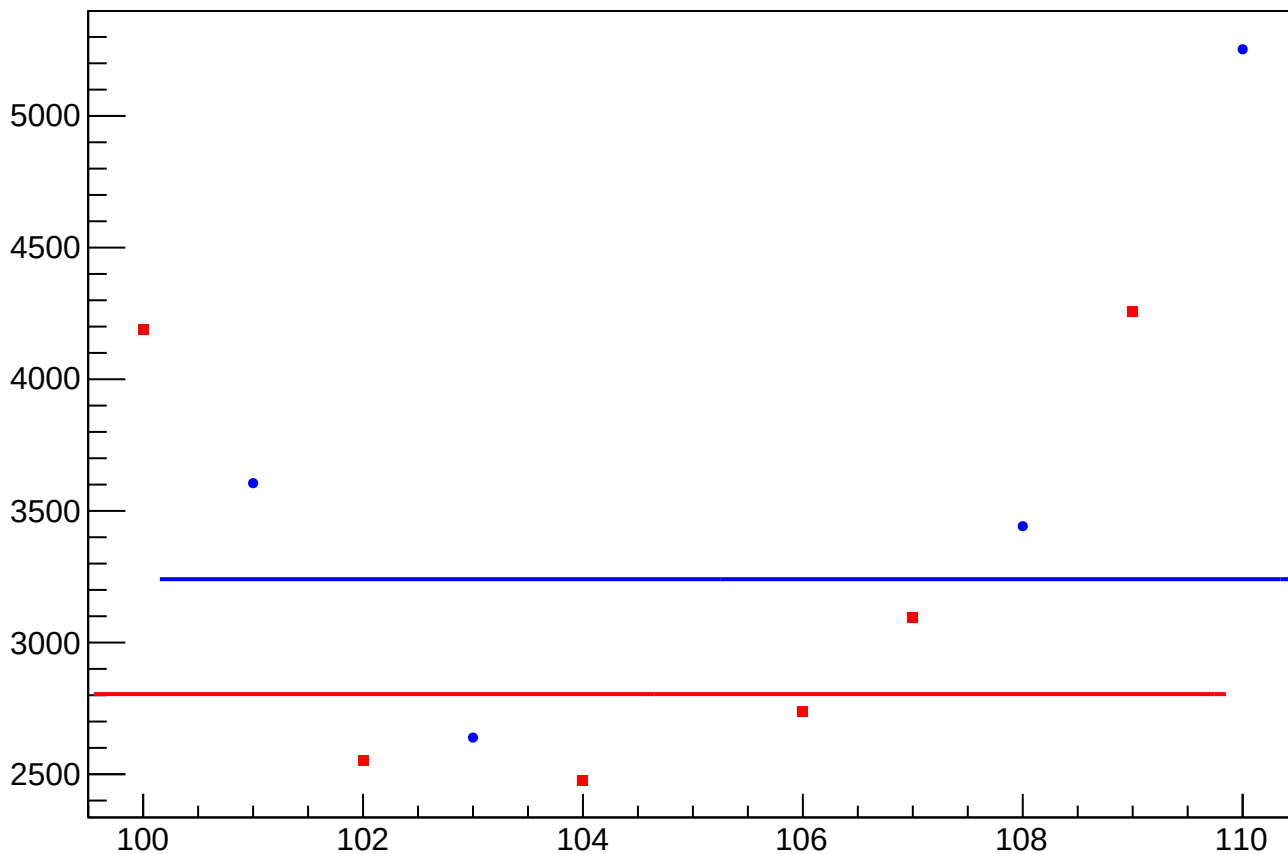
Right: 523.392+/-1464.136 χ^2/NDF : 7.1/9

In: 3038.944+/-2335.809 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.392+/-1464.136 χ^2/NDF : 7.1/9

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3240.707+/-1.652 χ^2/NDF : 189008.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2804.250+/-1.329 χ^2/NDF : 173451.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

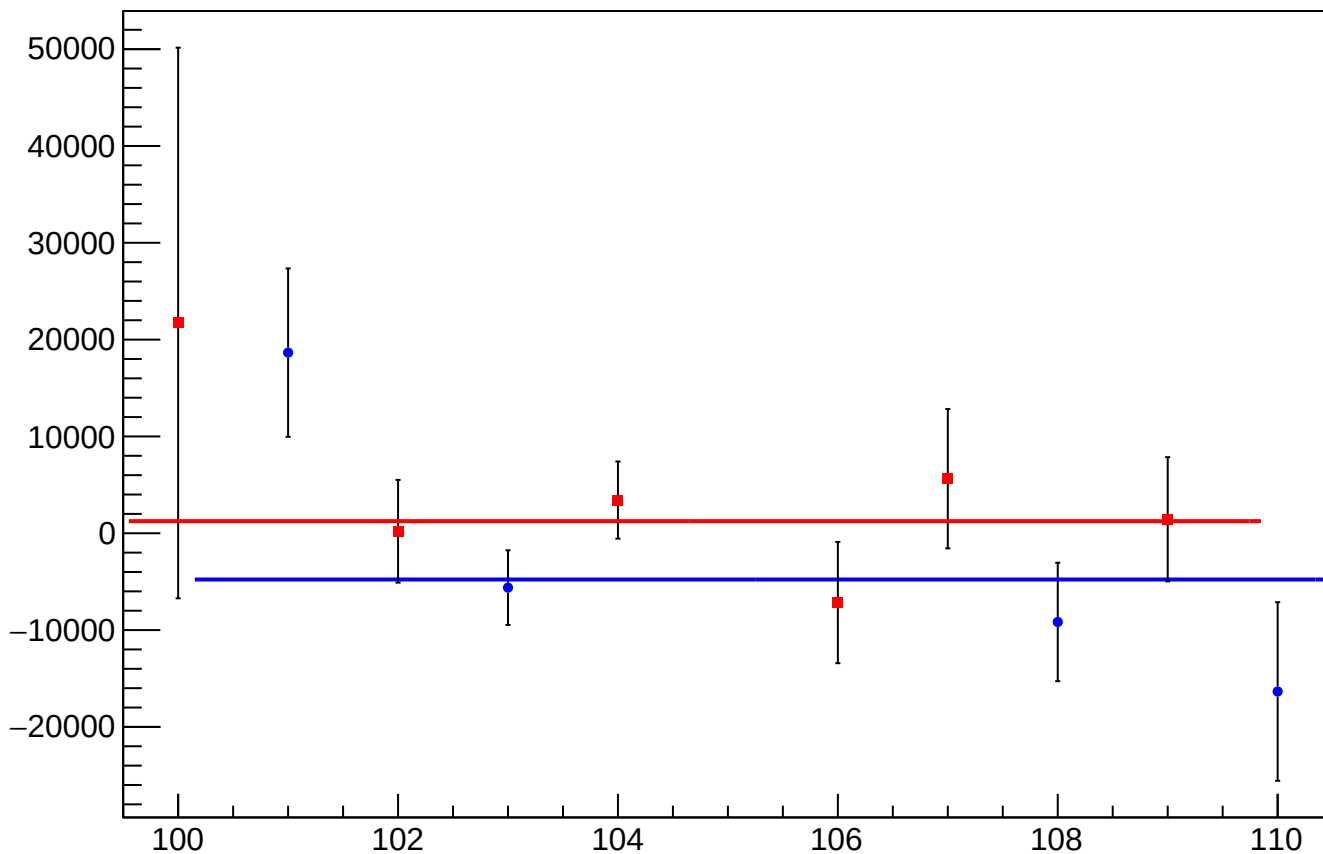
Right: 2975.736+/-1.035 χ^2/NDF : 404853.3/9

In: 3240.707+/-1.652 χ^2/NDF : 189008.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2975.736+/-1.035 χ^2/NDF : 404853.3/9

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -4775.016+/-2900.069 χ^2/NDF : 9.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1252.902+/-2433.366 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

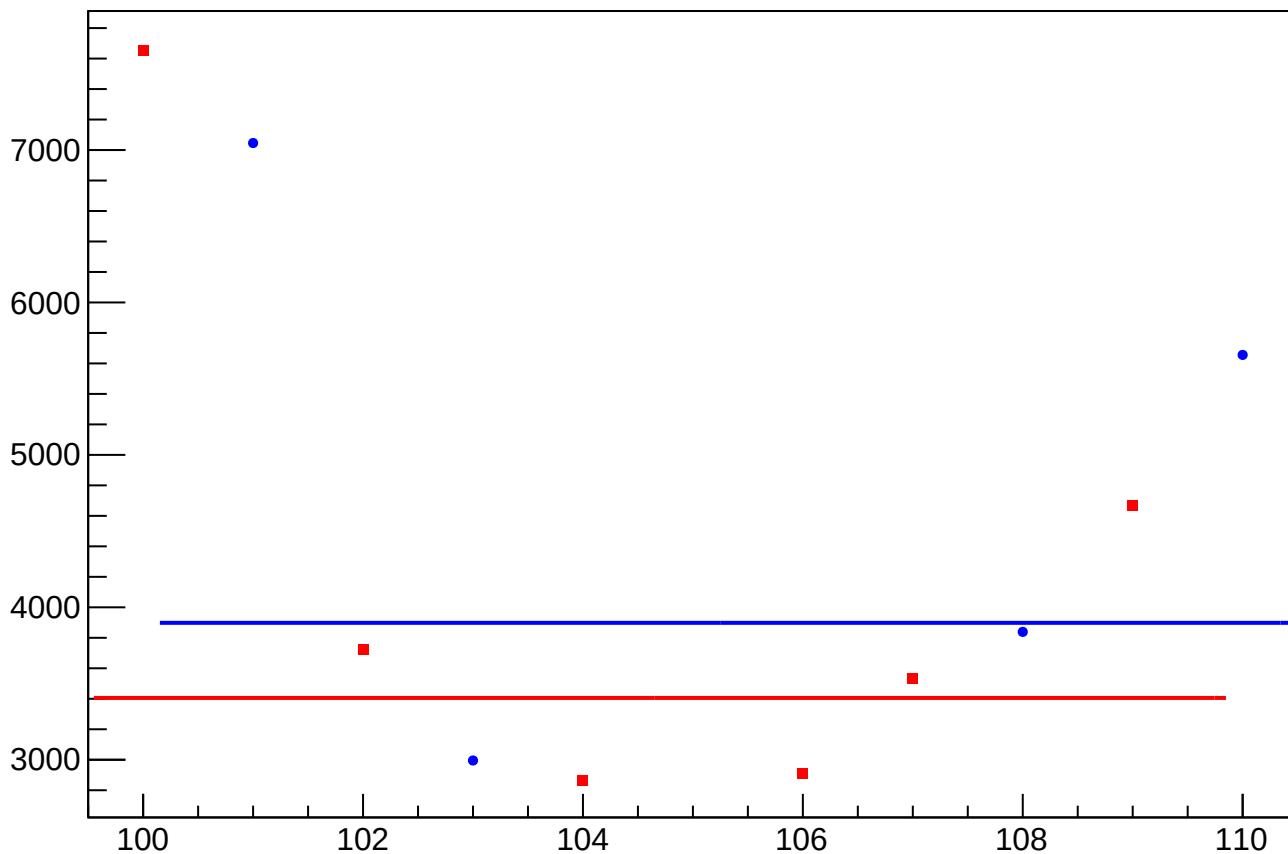
Right: -1237.592+/-1864.092 χ^2/NDF : 15.0/9

In: -4775.016+/-2900.069 χ^2/NDF : 9.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1237.592+/-1864.092 χ^2/NDF : 15.0/9

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 3898.275+/-2.051 χ^2/NDF : 444403.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3405.537+/-1.690 χ^2/NDF : 182685.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

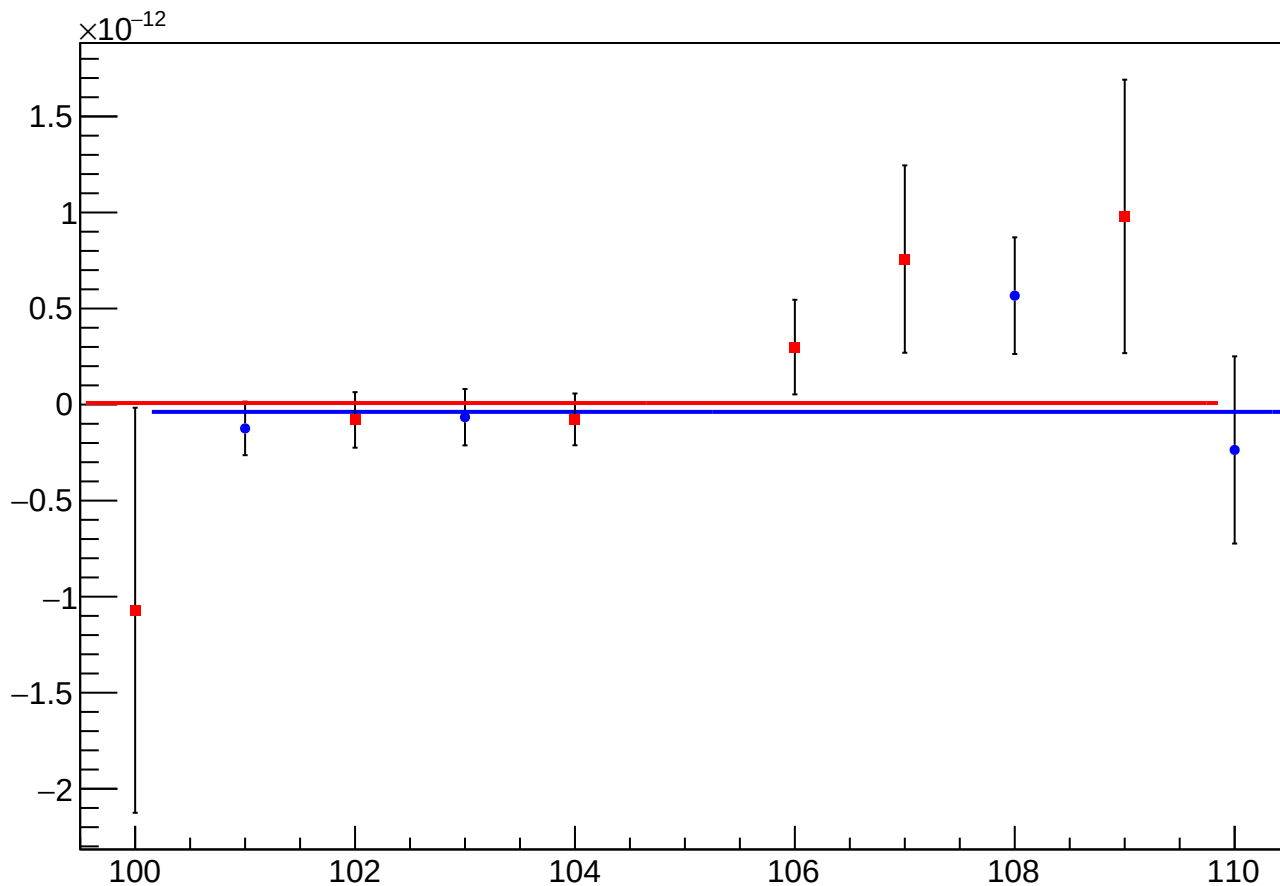
Right: 3604.773+/-1.304 χ^2/NDF : 661479.6/9

In: 3898.275+/-2.051 χ^2/NDF : 444403.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3604.773+/-1.304 χ^2/NDF : 661479.6/9

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

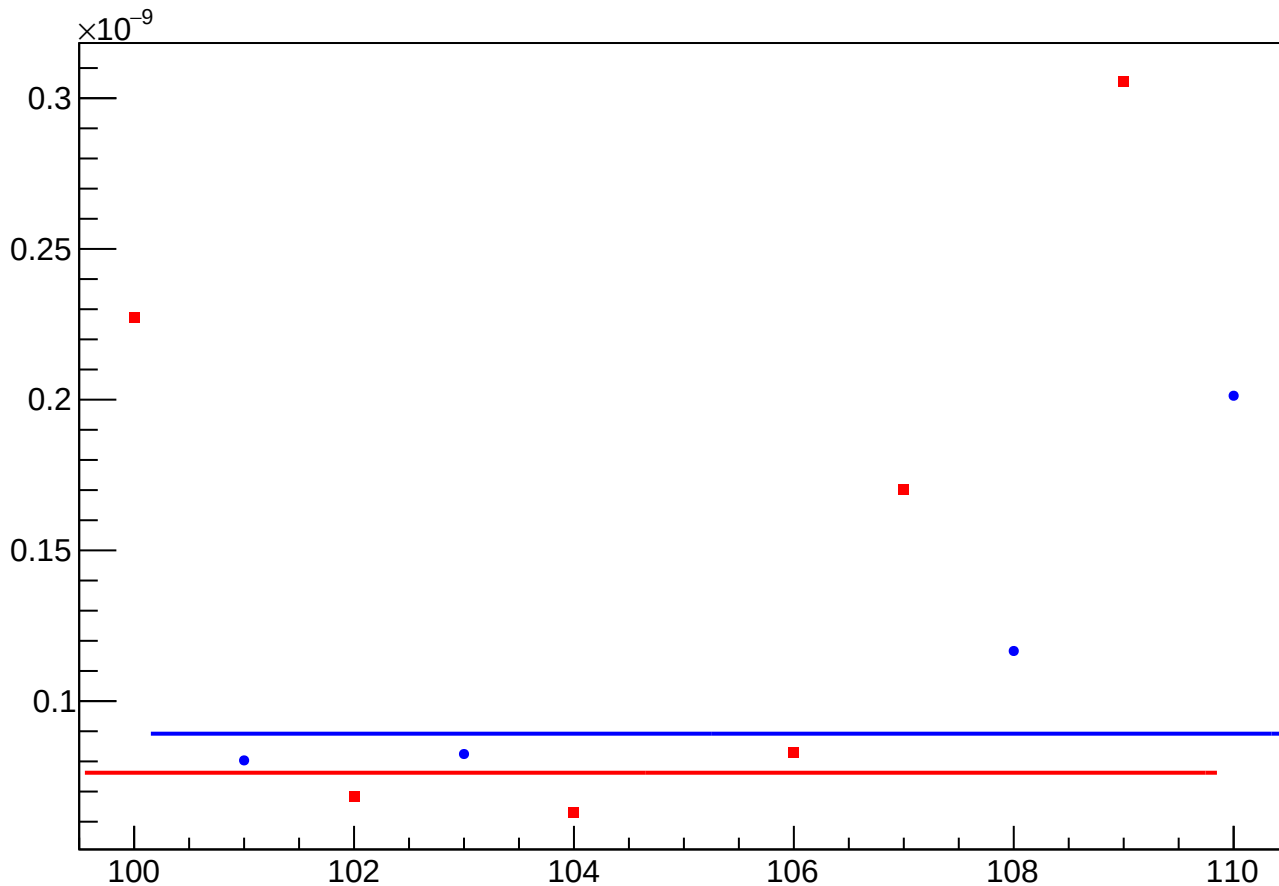
Right: -0.000+/-0.000 χ^2/NDF : 12.1/9

In: -0.000+/-0.000 χ^2/NDF : 4.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.1/9

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 134486.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 349367.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

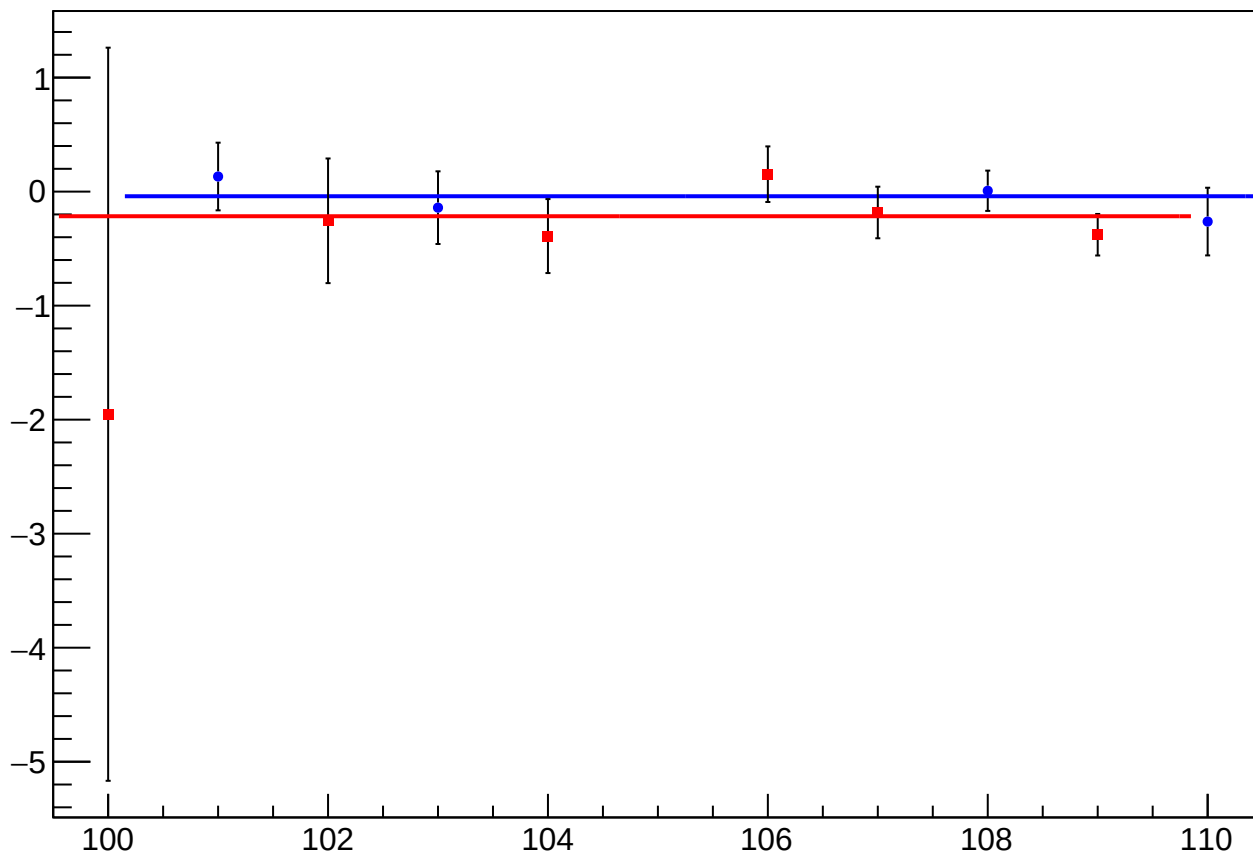
Right: 0.000+/-0.000 χ^2/NDF : 503877.6/9

In: 0.000+/-0.000 χ^2/NDF : 134486.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 503877.6/9

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 ± 0.124 χ^2/NDF : 1.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.216 ± 0.112 χ^2/NDF : 3.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

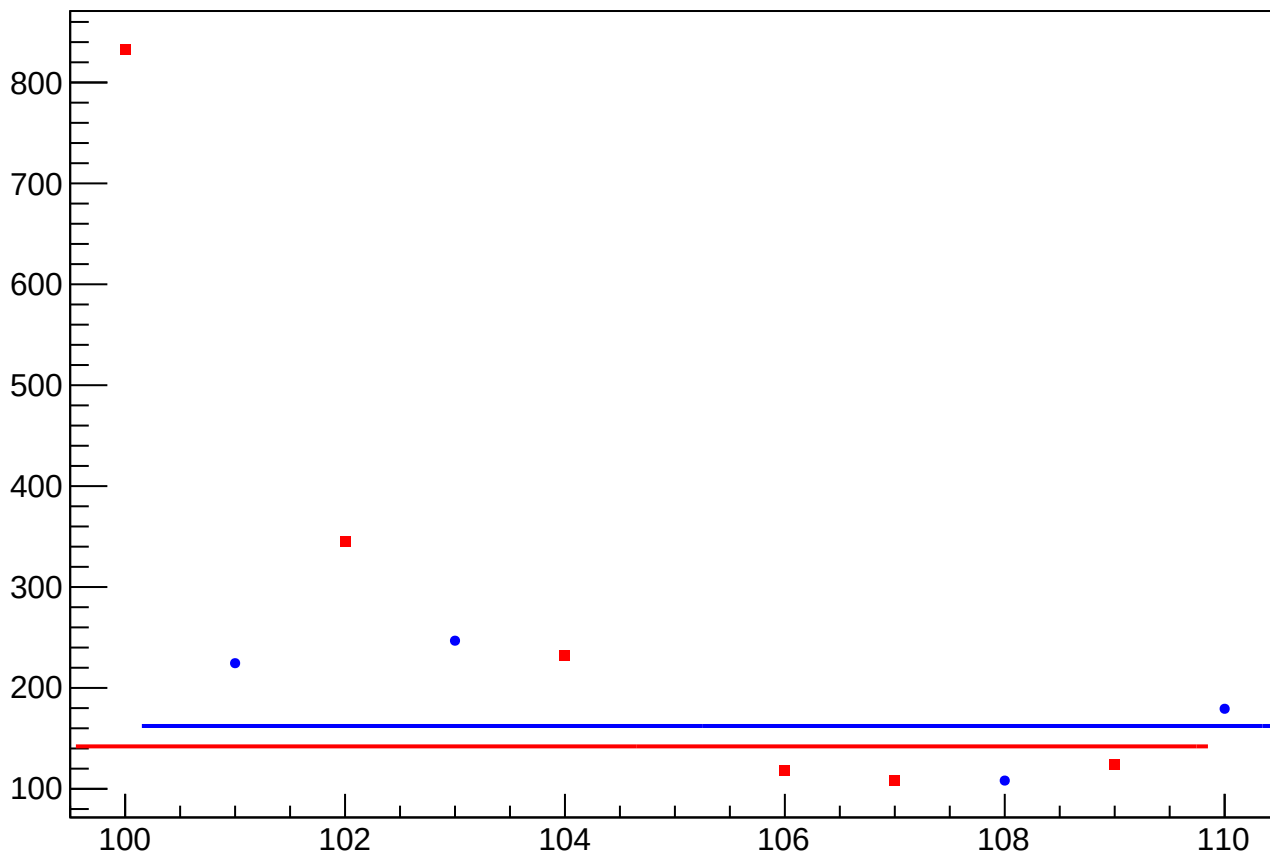
Right: -0.137 ± 0.083 χ^2/NDF : 5.9/9

In: -0.041 ± 0.124 χ^2/NDF : 1.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.137 ± 0.083 χ^2/NDF : 5.9/9

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 162.285+/-0.088 χ^2/NDF : 422854.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.077+/-0.079 χ^2/NDF : 606799.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

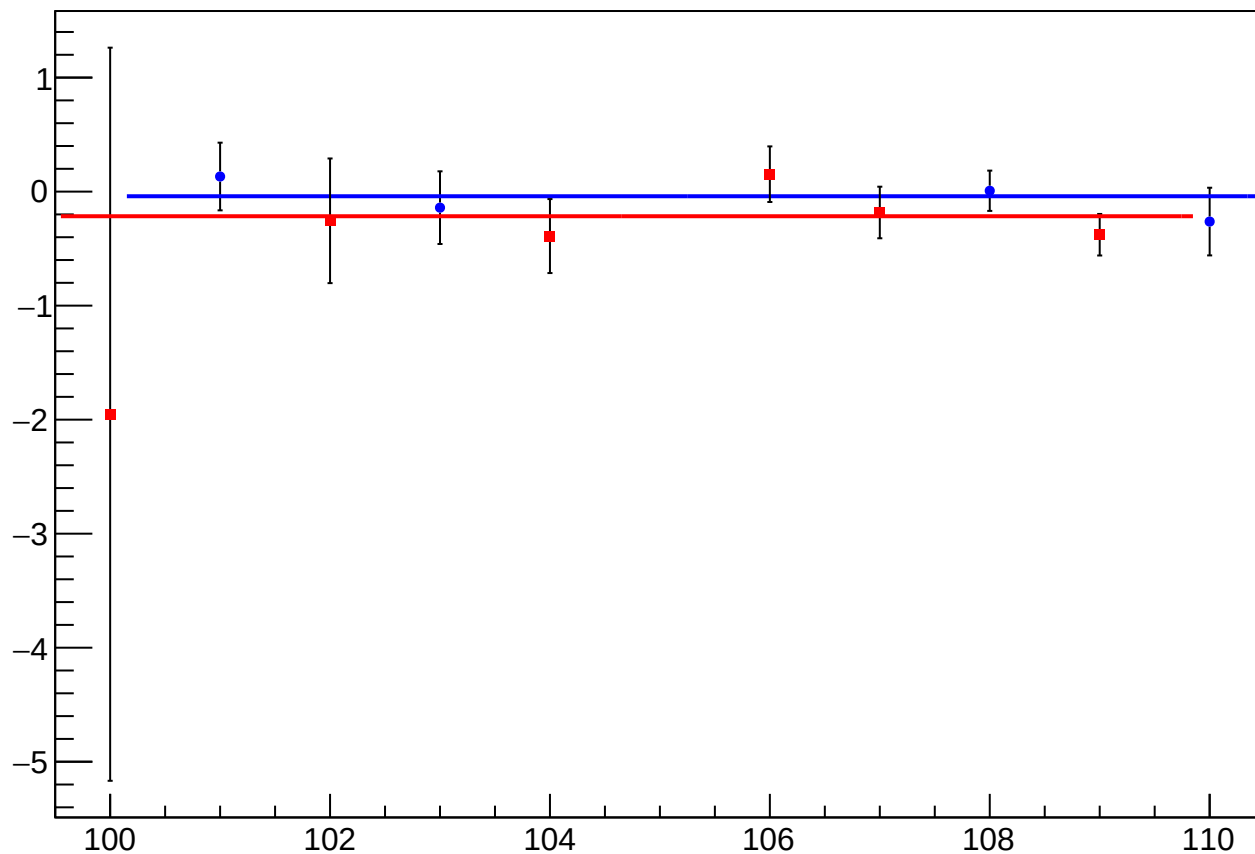
Right: 151.139+/-0.059 χ^2/NDF : 1058755.0/9

In: 162.285+/-0.088 χ^2/NDF : 422854.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.139+/-0.059 χ^2/NDF : 1058755.0/9

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041+/-0.124 χ^2 /NDF: 1.1/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.216+/-0.112 χ^2 /NDF: 3.7/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

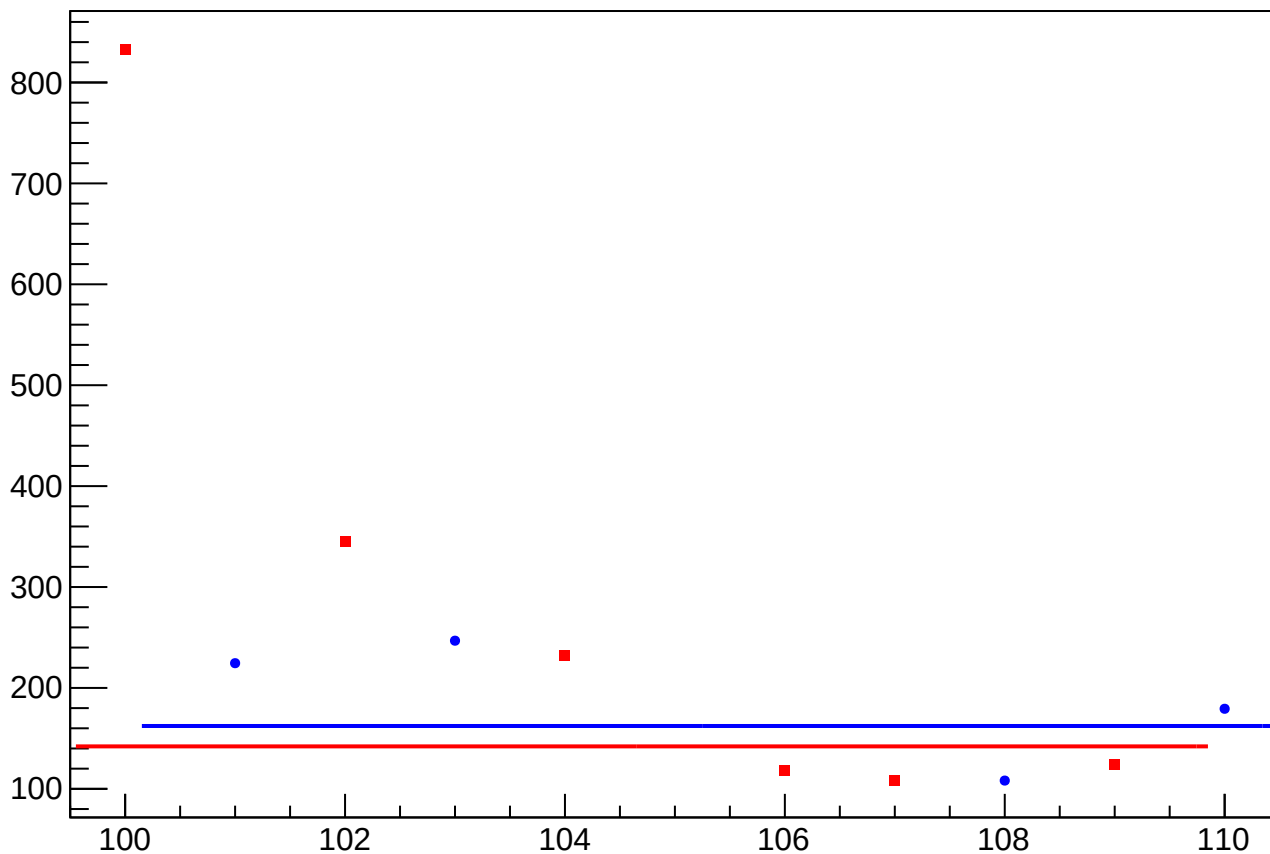
Right: -0.137+/-0.083 χ^2 /NDF: 5.9/9

In: -0.041+/-0.124 χ^2 /NDF:1.1/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.137+/-0.083 χ^2 /NDF: 5.9/9

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 162.285+/-0.088 χ^2/NDF : 422854.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.077+/-0.079 χ^2/NDF : 606799.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

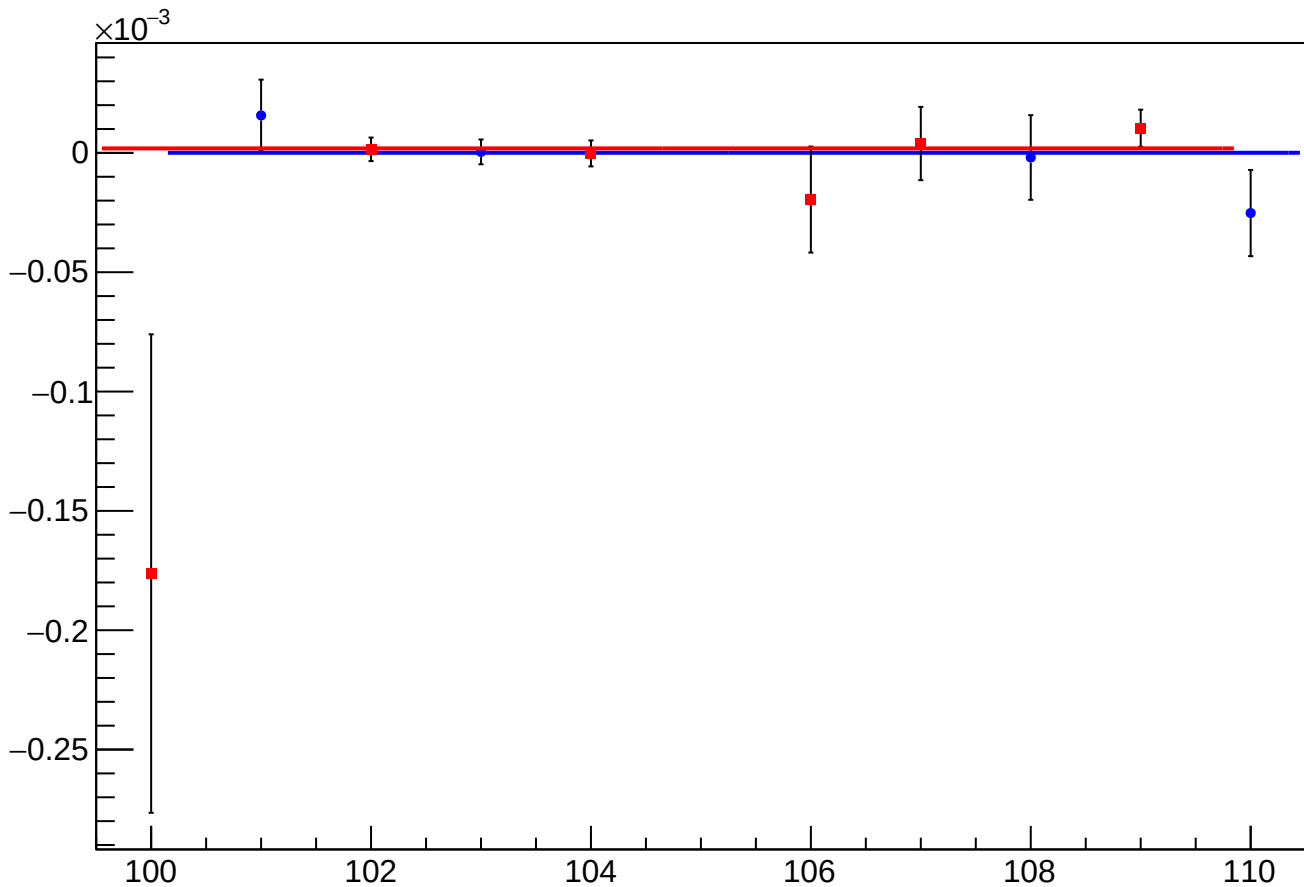
Right: 151.139+/-0.059 χ^2/NDF : 1058755.0/9

In: 162.285+/-0.088 χ^2/NDF : 422854.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.139+/-0.059 χ^2/NDF : 1058755.0/9

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

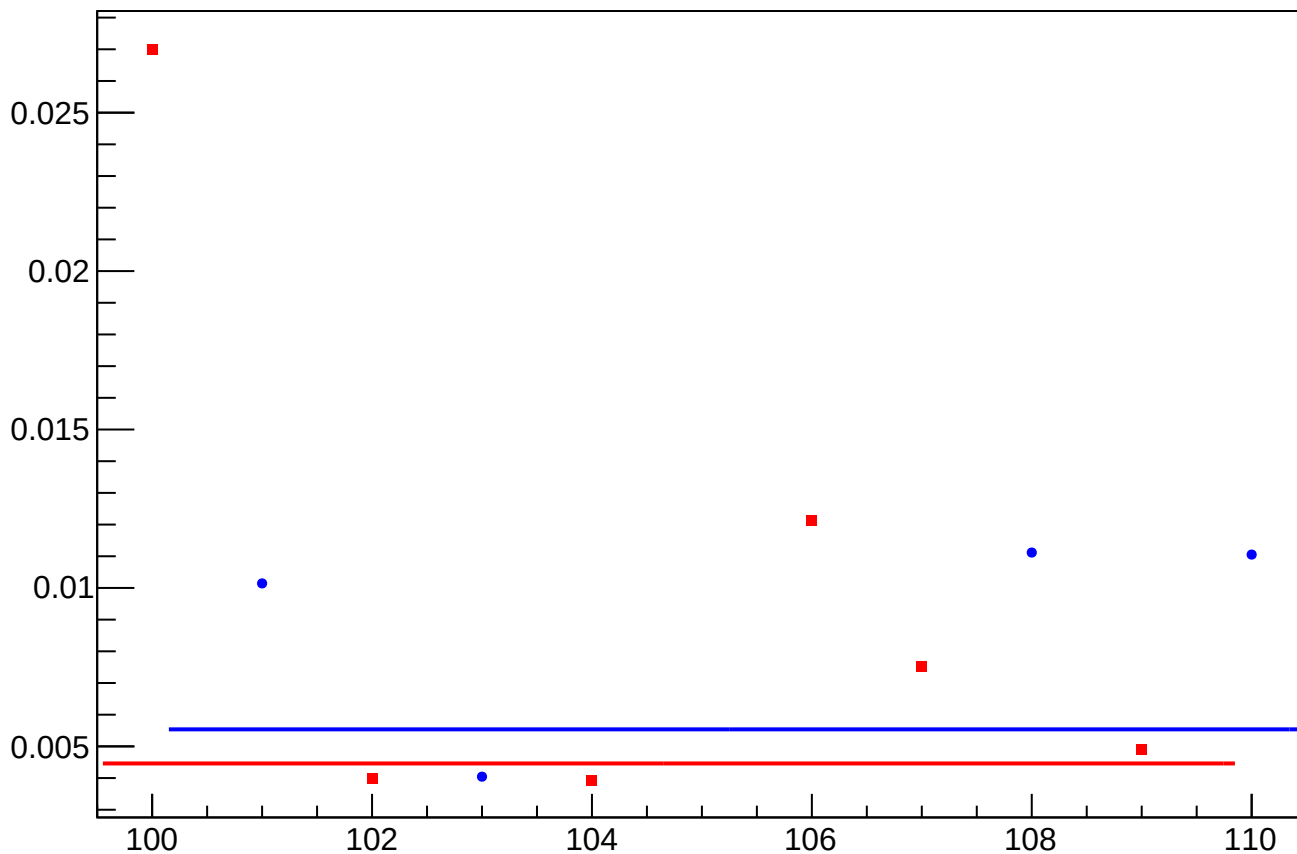
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.6/9

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.6/9

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 738966.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 463979.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

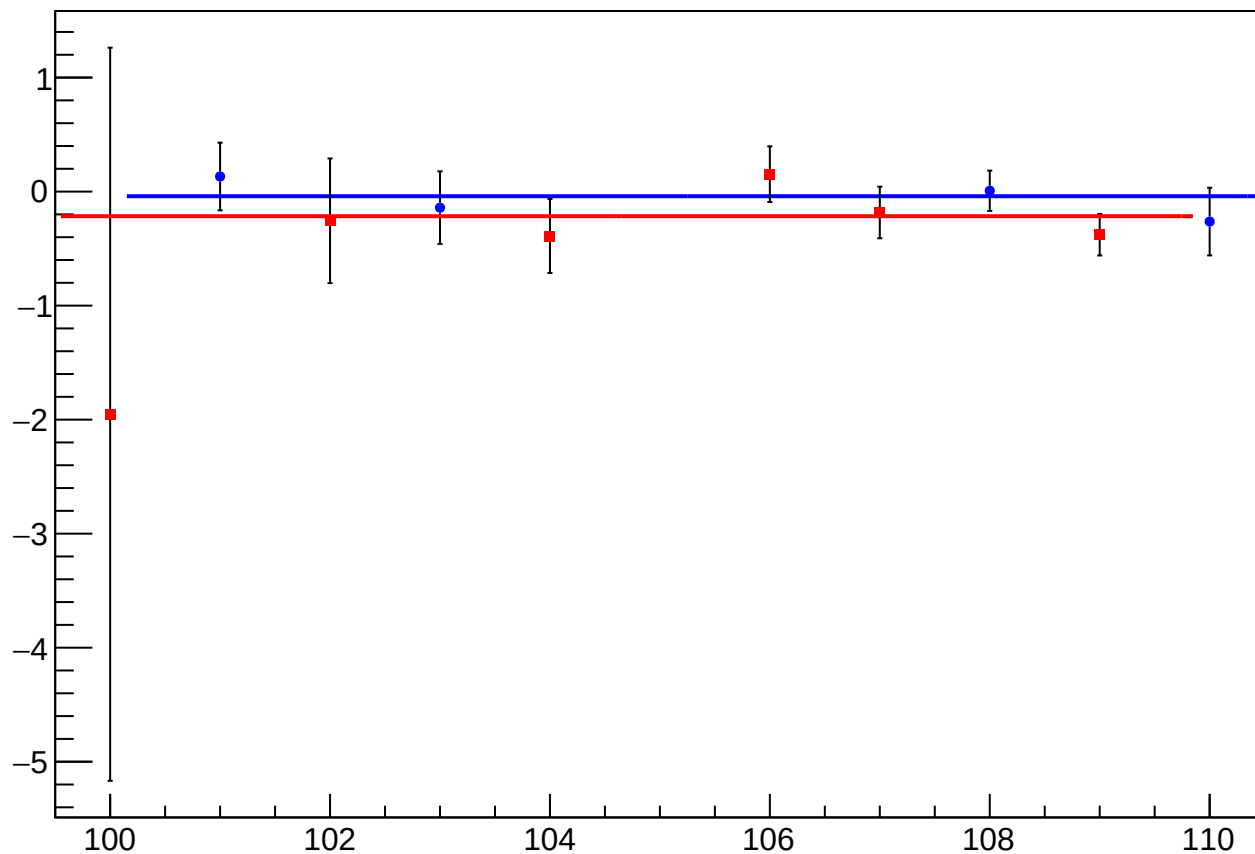
Right: 0.005+/-0.000 χ^2/NDF : 1277171.8/9

In: 0.006+/-0.000 χ^2/NDF : 738966.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1277171.8/9

asym_atr_dd_eigen_dit_vs_slug_Sign_Corrected



Right In: -0.041 ± 0.124 χ^2/NDF : 1.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.216 ± 0.112 χ^2/NDF : 3.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

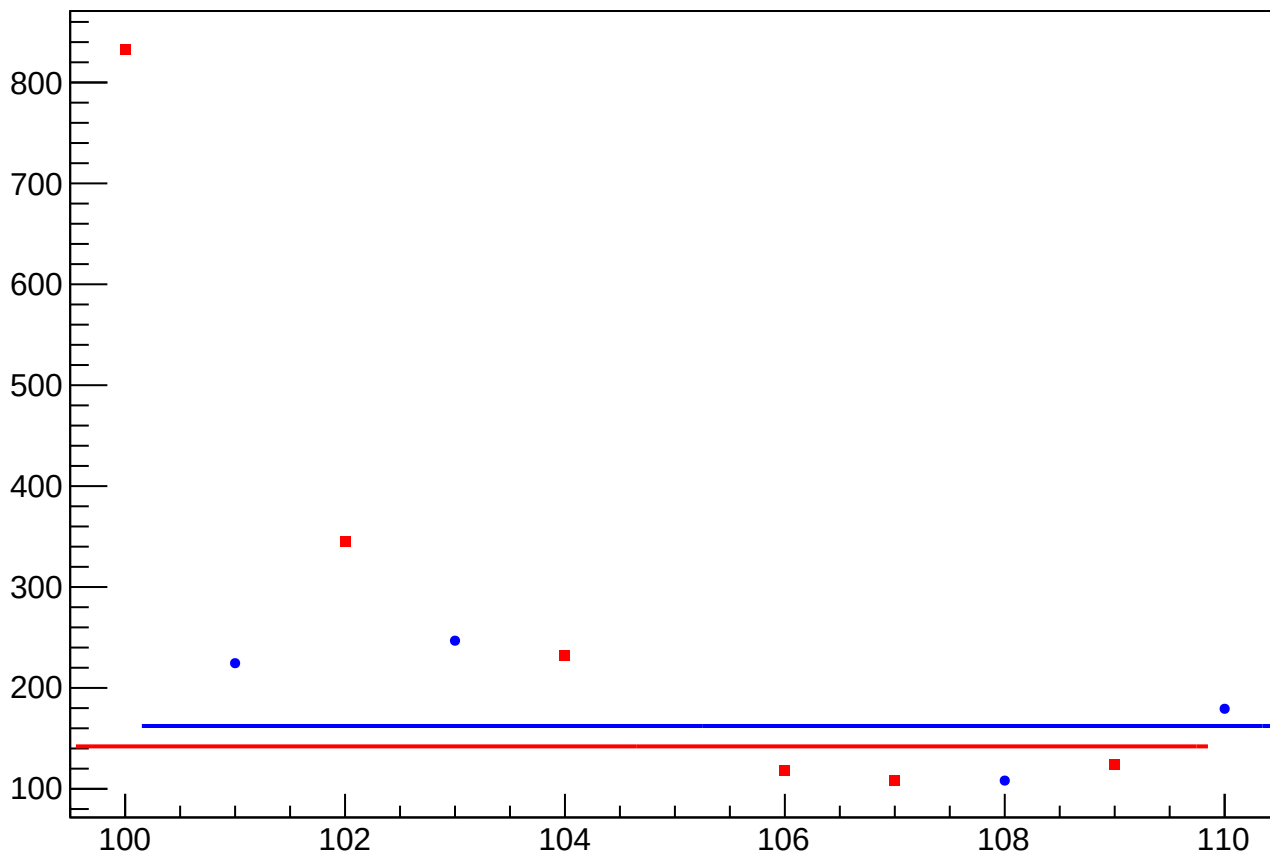
Right: -0.137 ± 0.083 χ^2/NDF : 5.9/9

In: -0.041 ± 0.124 χ^2/NDF : 1.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.137 ± 0.083 χ^2/NDF : 5.9/9

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 162.281+/-0.088 χ^2/NDF : 422902.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.078+/-0.079 χ^2/NDF : 606808.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

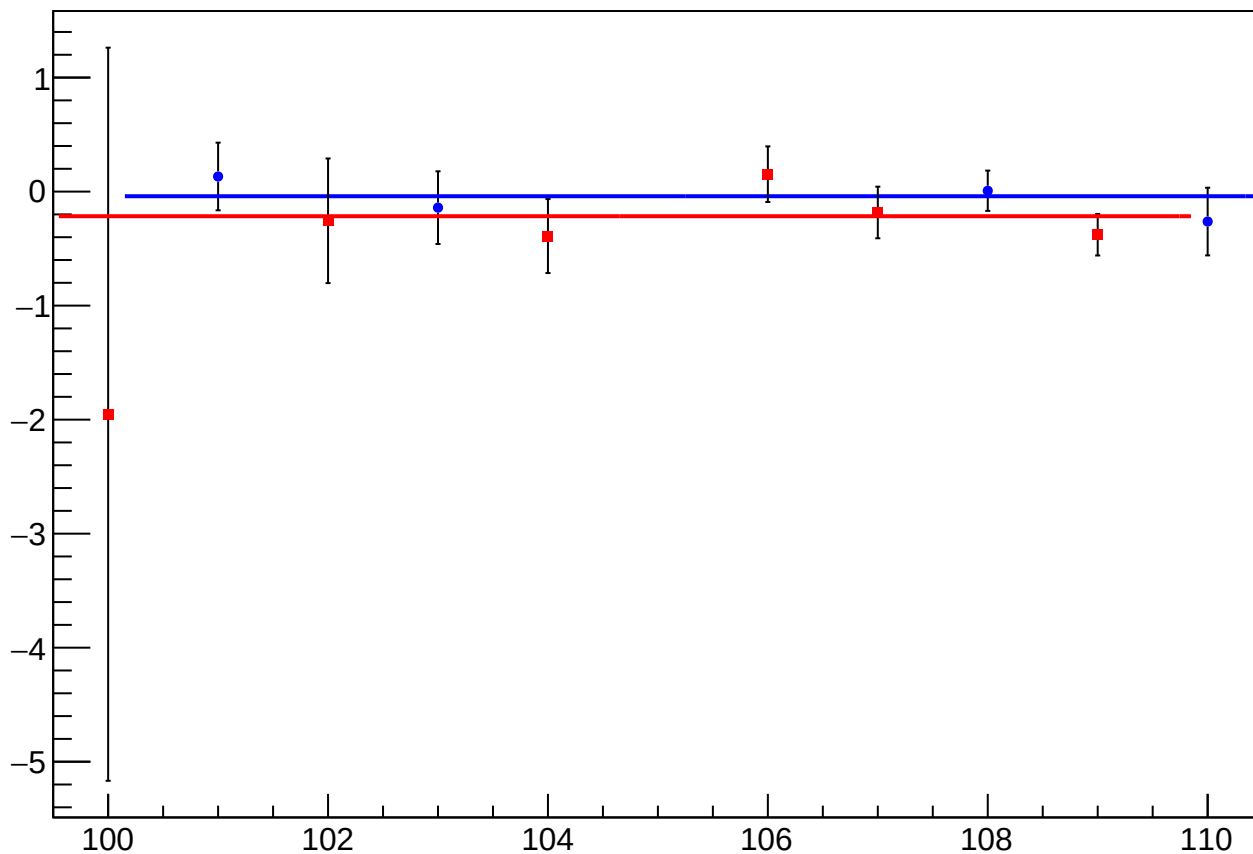
Right: 151.137+/-0.059 χ^2/NDF : 1058799.5/9

In: 162.281+/-0.088 χ^2/NDF : 422902.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.137+/-0.059 χ^2/NDF : 1058799.5/9

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 ± 0.124 χ^2/NDF : 1.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.216 ± 0.112 χ^2/NDF : 3.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

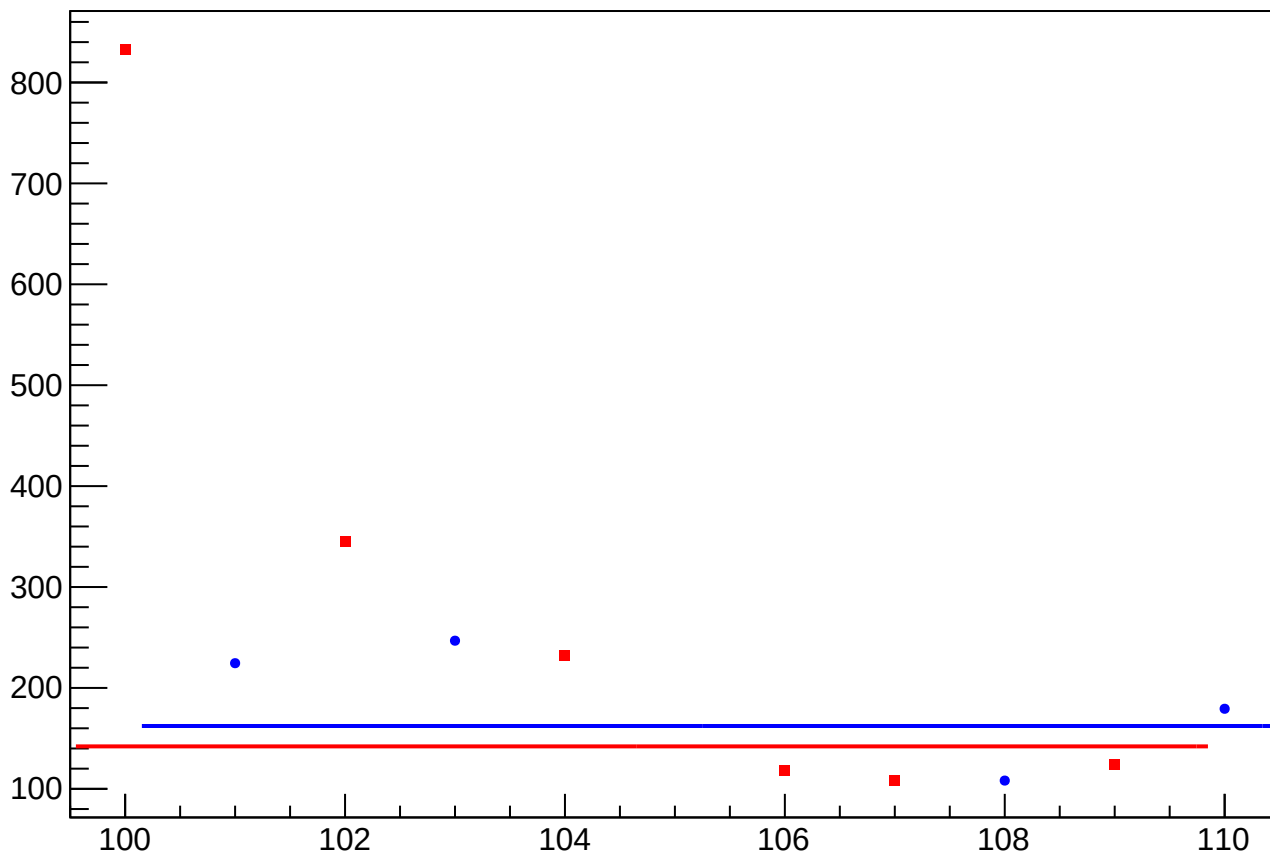
Right: -0.137 ± 0.083 χ^2/NDF : 5.9/9

In: -0.041 ± 0.124 χ^2/NDF : 1.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.137 ± 0.083 χ^2/NDF : 5.9/9

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 162.281+/-0.088 χ^2/NDF : 422902.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.078+/-0.079 χ^2/NDF : 606808.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

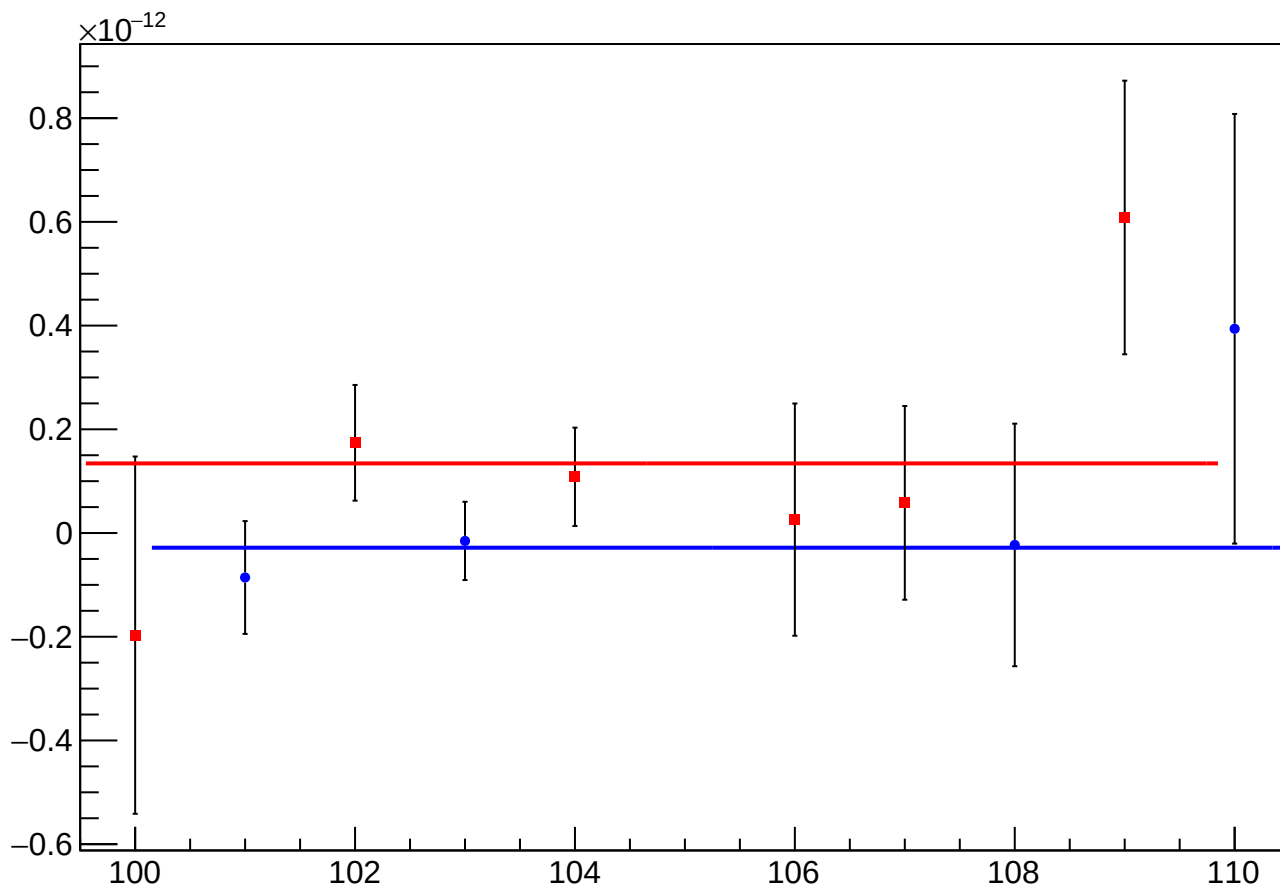
Right: 151.137+/-0.059 χ^2/NDF : 1058799.5/9

In: 162.281+/-0.088 χ^2/NDF : 422902.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.137+/-0.059 χ^2/NDF : 1058799.5/9

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

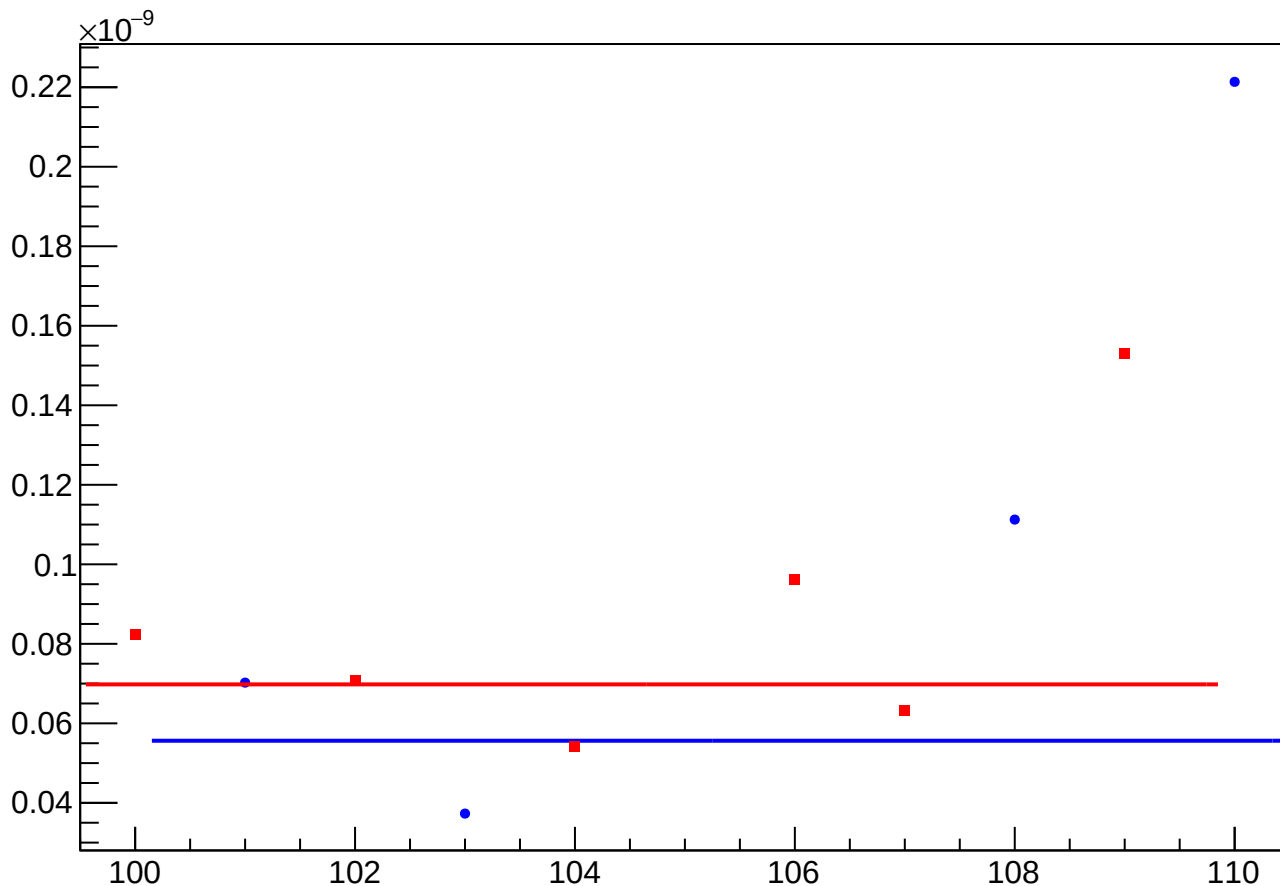
Right: 0.000+/-0.000 χ^2/NDF : 9.7/9

In: -0.000+/-0.000 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.7/9

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 587348.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 285621.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

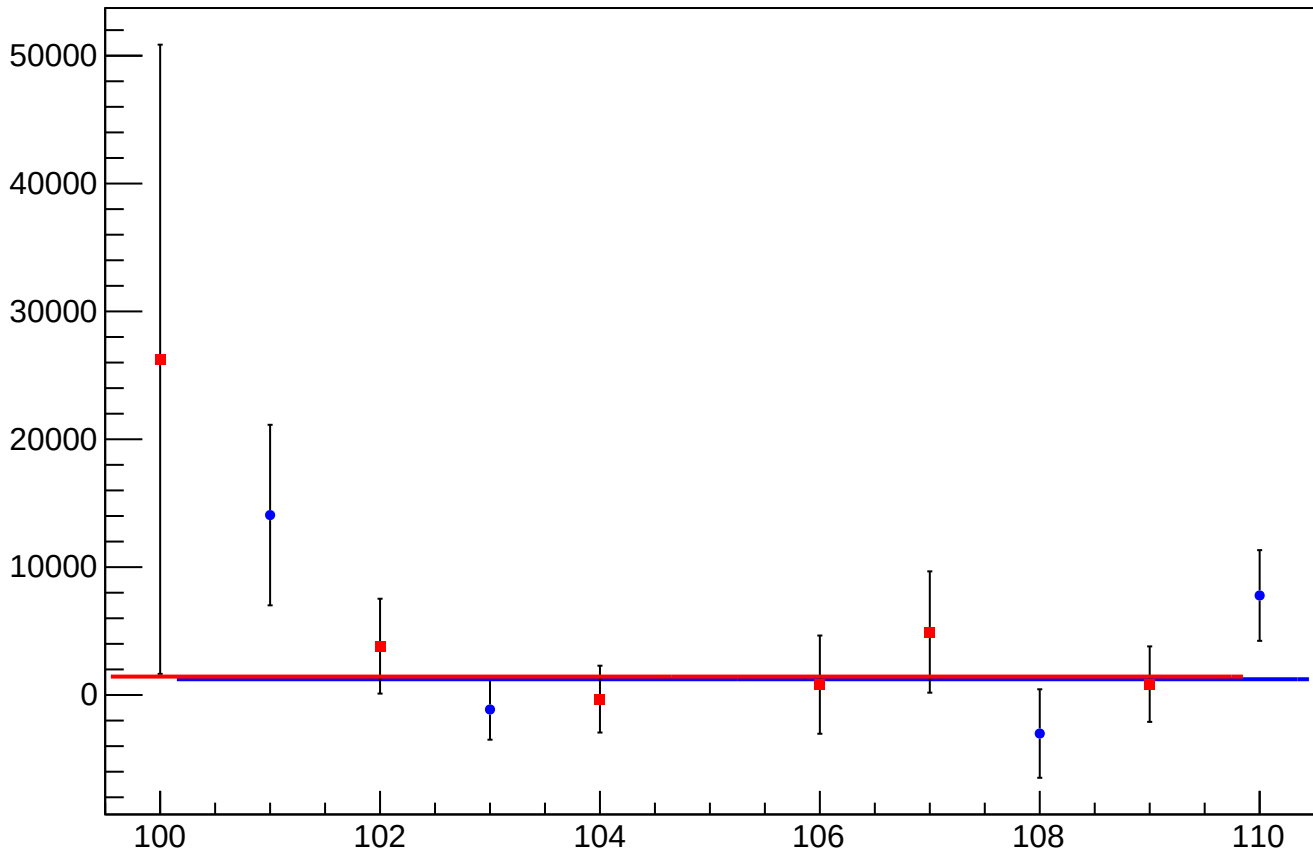
Right: 0.000+/-0.000 χ^2/NDF : 927846.6/9

In: 0.000+/-0.000 χ^2/NDF : 587348.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 927846.6/9

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1232.477+/-1661.763 χ^2/NDF : 9.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1440.572+/-1494.528 χ^2/NDF : 2.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

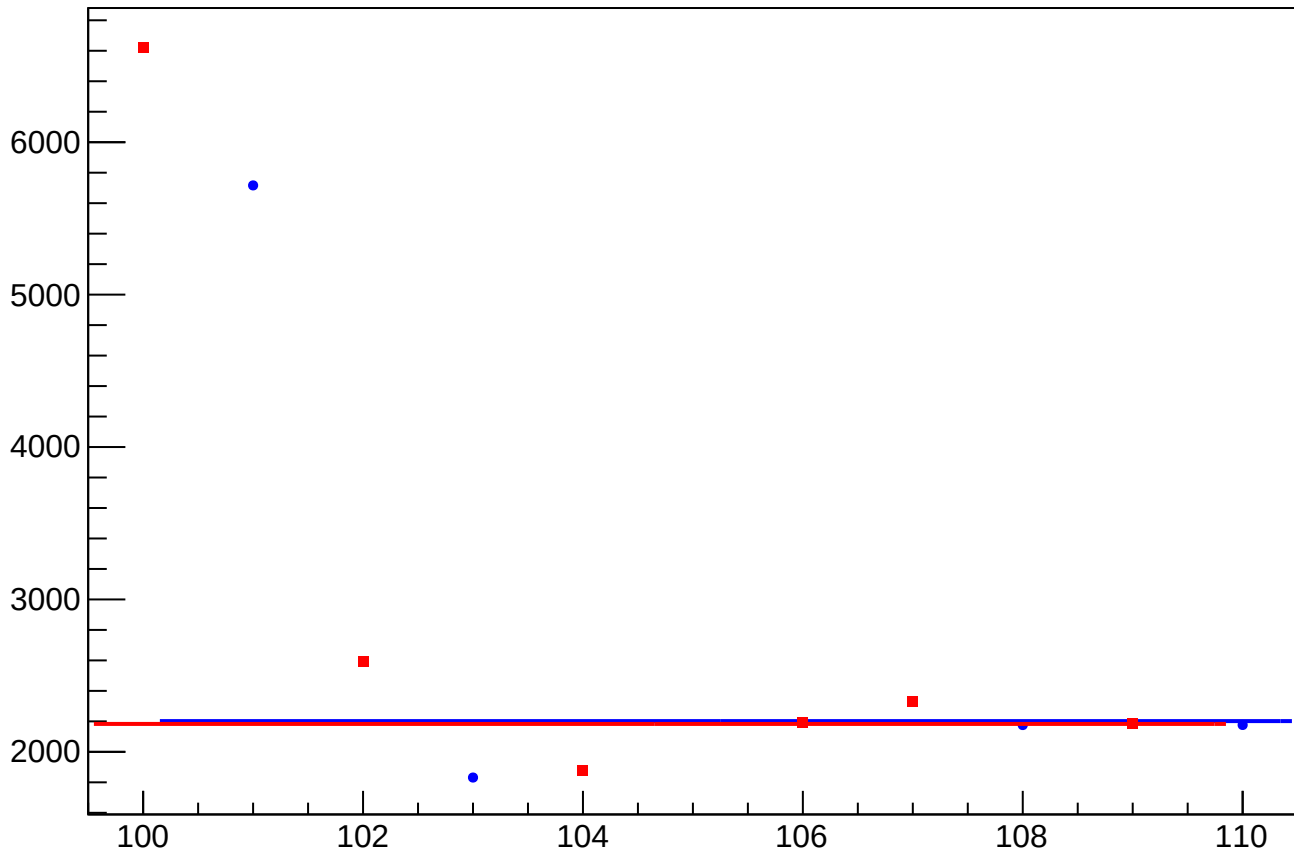
Right: 1347.519+/-1111.226 χ^2/NDF : 11.7/9

In: 1232.477+/-1661.763 χ^2/NDF : 9.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.519+/-1111.226 χ^2/NDF : 11.7/9

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2201.778+/-1.175 χ^2/NDF : 545115.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2183.198+/-1.057 χ^2/NDF : 118445.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

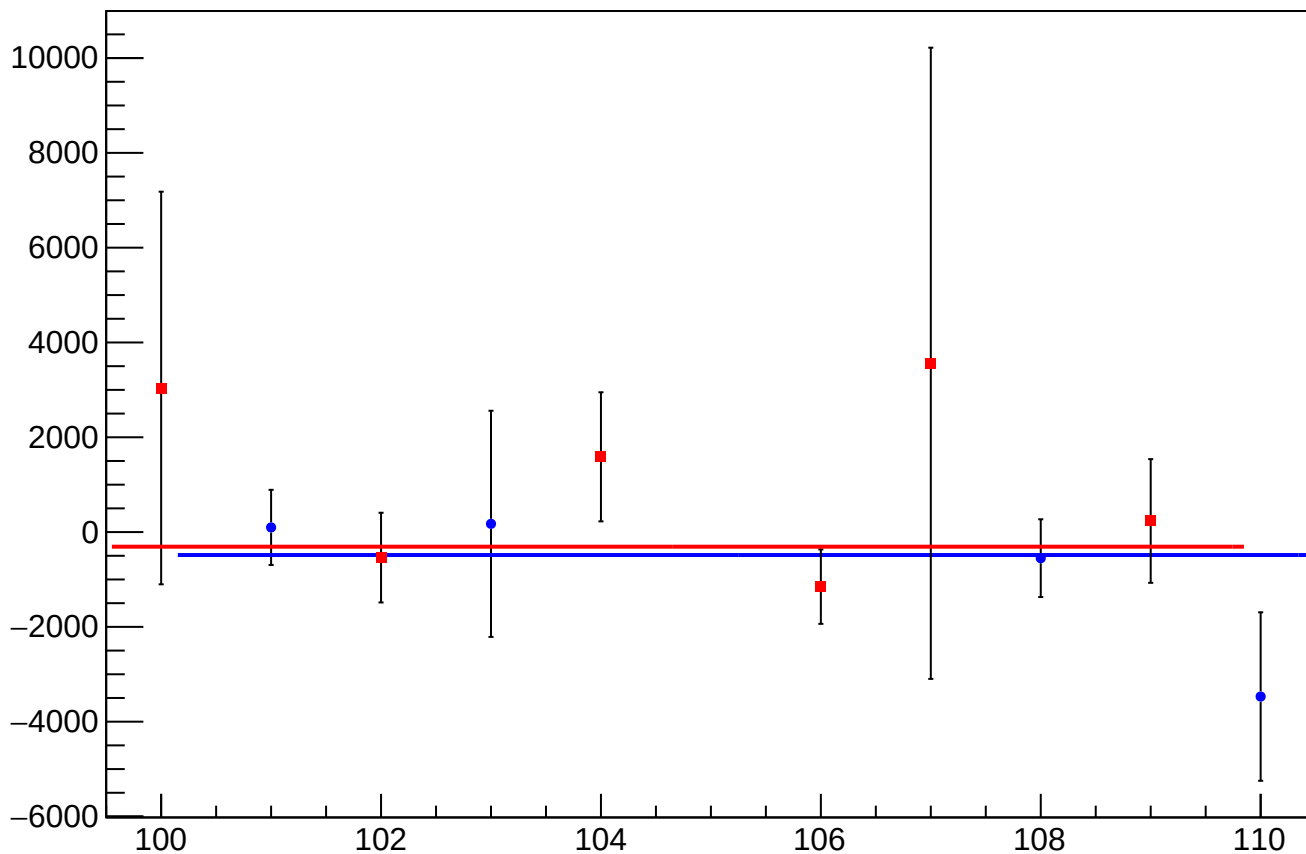
Right: 2191.506+/-0.786 χ^2/NDF : 663699.3/9

In: 2201.778+/-1.175 χ^2/NDF : 545115.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2191.506+/-0.786 χ^2/NDF : 663699.3/9

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -484.031+/-529.256 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -308.236+/-503.425 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

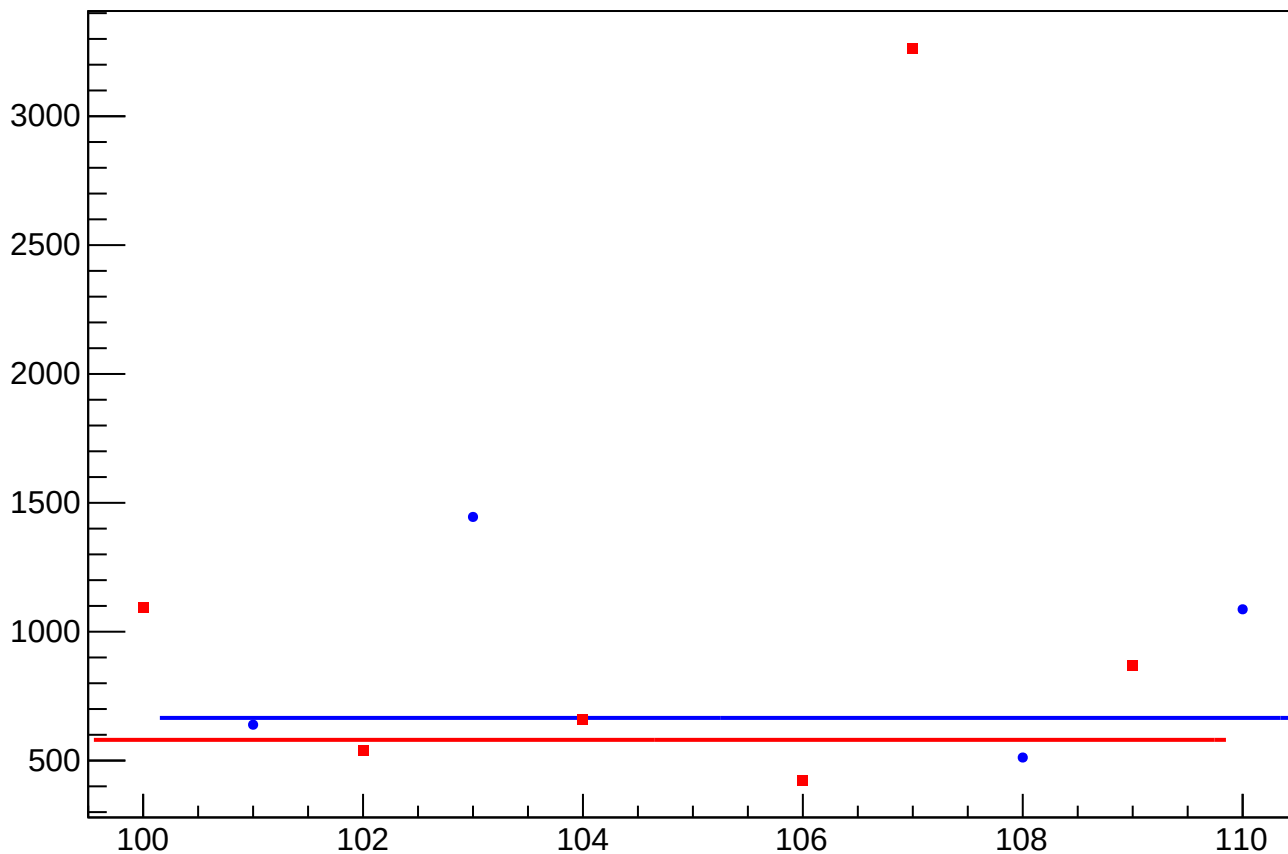
Right: -391.739+/-364.765 χ^2/NDF : 7.8/9

In: -484.031+/-529.256 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -391.739+/-364.765 χ^2/NDF : 7.8/9

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 665.518+/-0.374 χ^2/NDF : 398518.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 580.369+/-0.356 χ^2/NDF : 544808.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

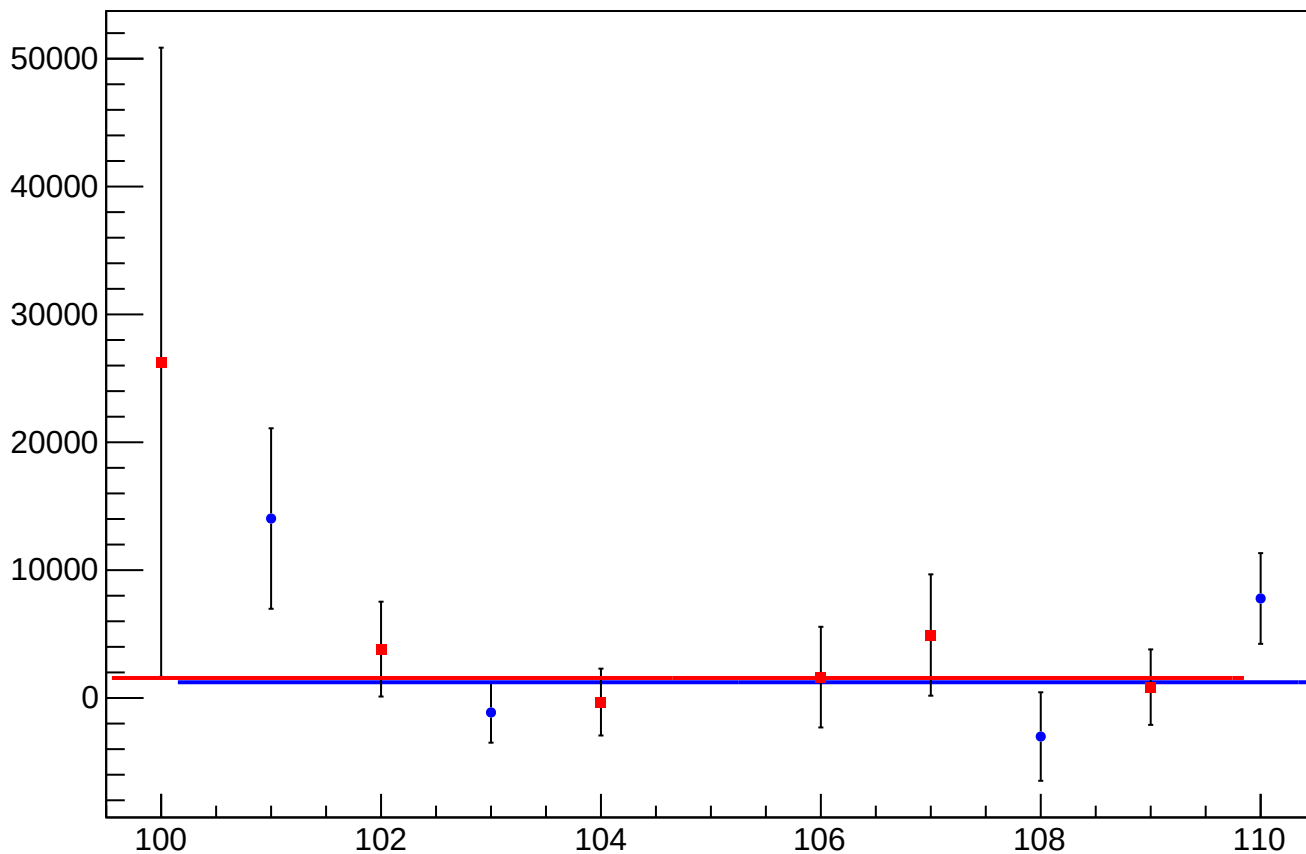
Right: 620.815+/-0.258 χ^2/NDF : 970504.1/9

In: 665.518+/-0.374 χ^2/NDF : 398518.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.815+/-0.258 χ^2/NDF : 970504.1/9

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1231.154+/-1661.764 χ^2/NDF : 9.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1566.429+/-1499.966 χ^2/NDF : 2.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

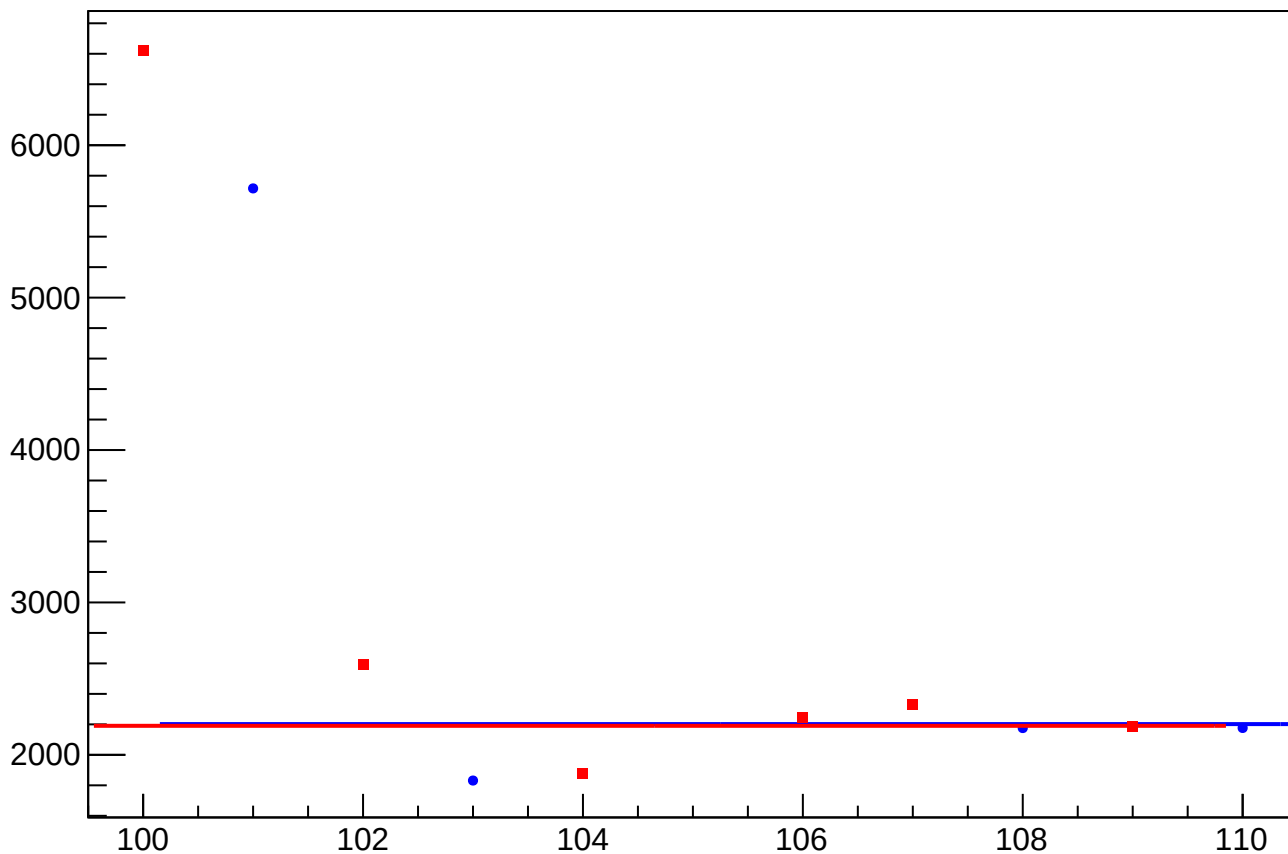
Right: 1415.904+/-1113.456 χ^2/NDF : 11.7/9

In: 1231.154+/-1661.764 χ^2/NDF : 9.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1415.904+/-1113.456 χ^2/NDF : 11.7/9

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2201.777+/-1.175 χ^2/NDF : 545115.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2190.502+/-1.061 χ^2/NDF : 118852.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

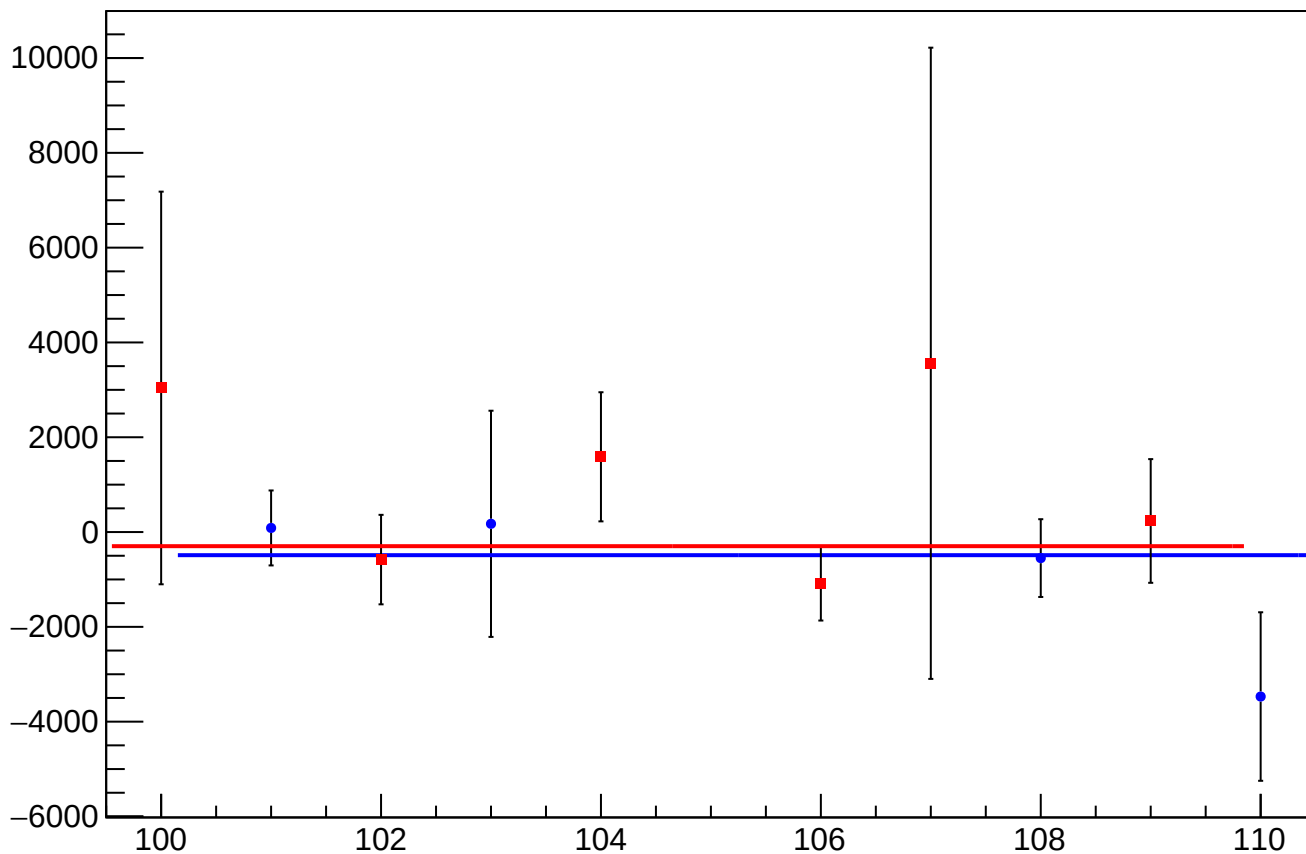
Right: 2195.564+/-0.787 χ^2/NDF : 664019.2/9

In: 2201.777+/-1.175 χ^2/NDF : 545115.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2195.564+/-0.787 χ^2/NDF : 664019.2/9

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -487.823+/-528.648 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -297.930+/-501.888 χ^2/NDF : 4.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

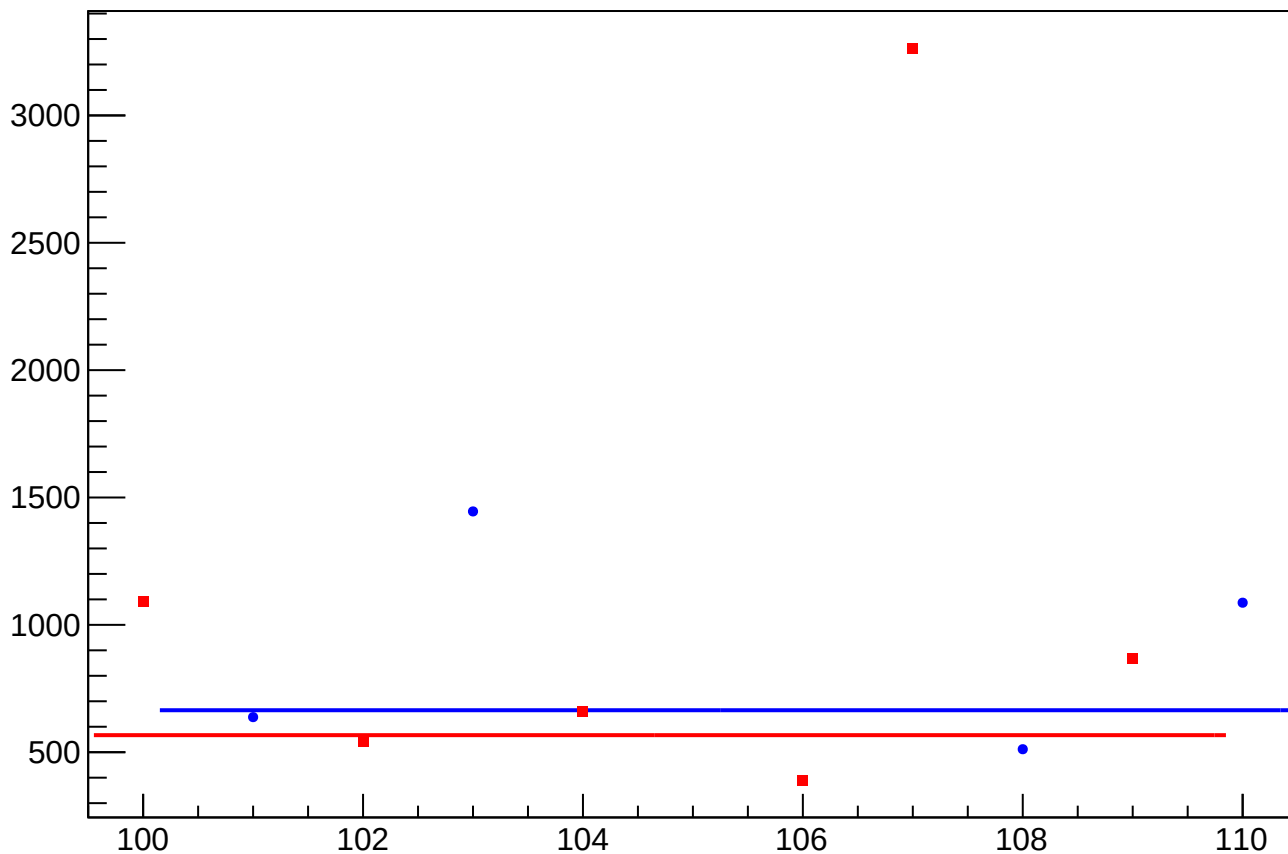
Right: -387.949+/-363.981 χ^2/NDF : 7.7/9

In: -487.823+/-528.648 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -387.949+/-363.981 χ^2/NDF : 7.7/9

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 664.810+/-0.374 χ^2/NDF : 398806.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 566.951+/-0.355 χ^2/NDF : 582337.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

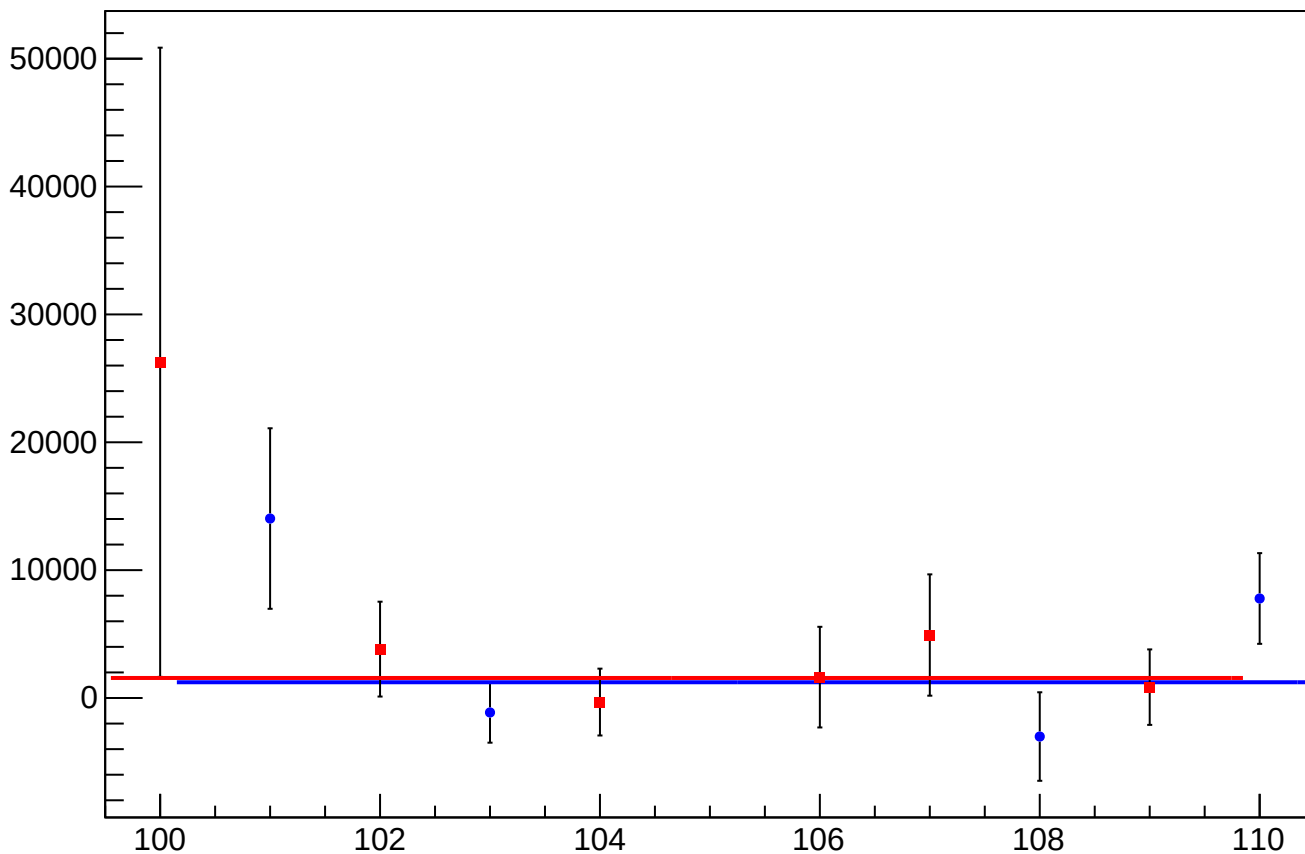
Right: 613.341+/-0.257 χ^2/NDF : 1017188.4/9

In: 664.810+/-0.374 χ^2/NDF : 398806.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.341+/-0.257 χ^2/NDF : 1017188.4/9

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1231.154+/-1661.764 χ^2/NDF : 9.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1566.429+/-1499.966 χ^2/NDF : 2.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

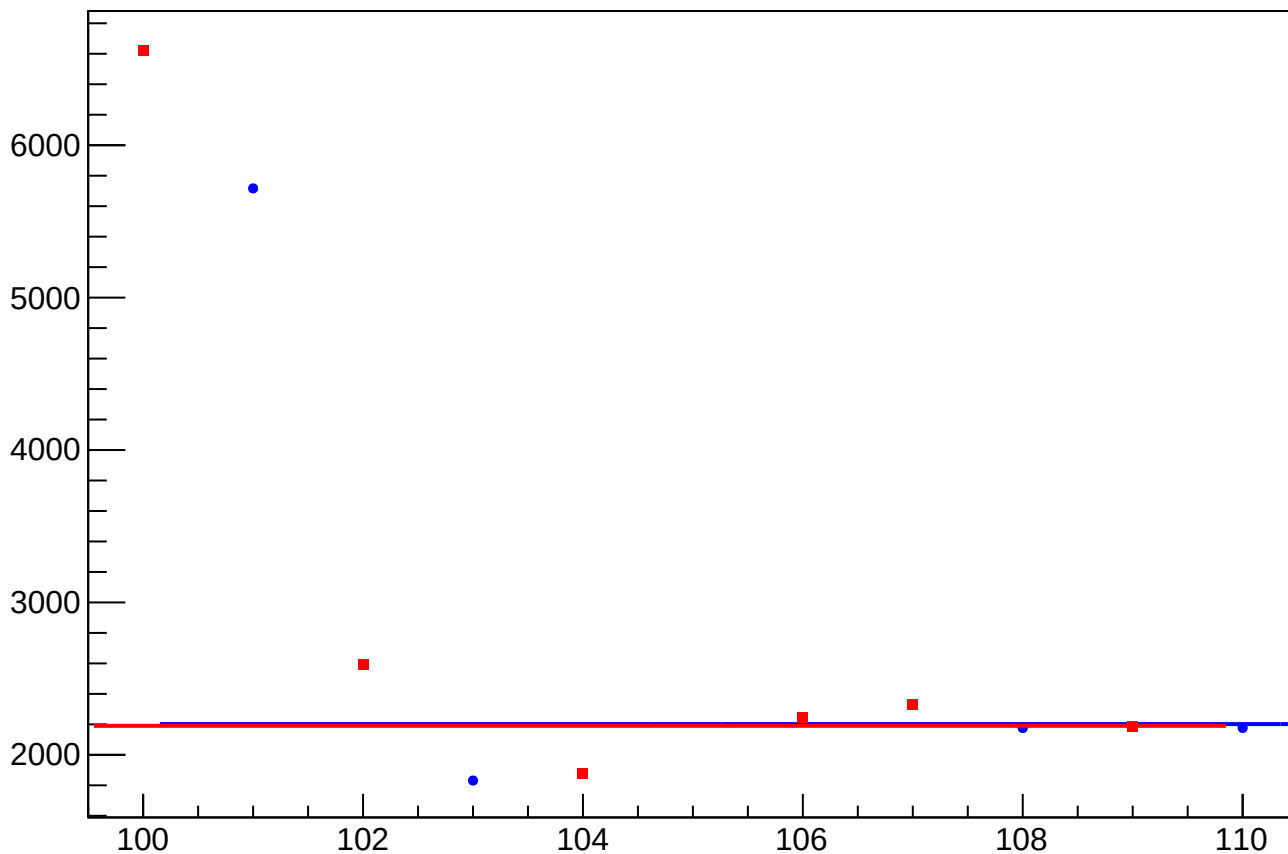
Right: 1415.904+/-1113.456 χ^2/NDF : 11.7/9

In: 1231.154+/-1661.764 χ^2/NDF : 9.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1415.904+/-1113.456 χ^2/NDF : 11.7/9

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2201.777+/-1.175 χ^2/NDF : 545115.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2190.502+/-1.061 χ^2/NDF : 118852.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

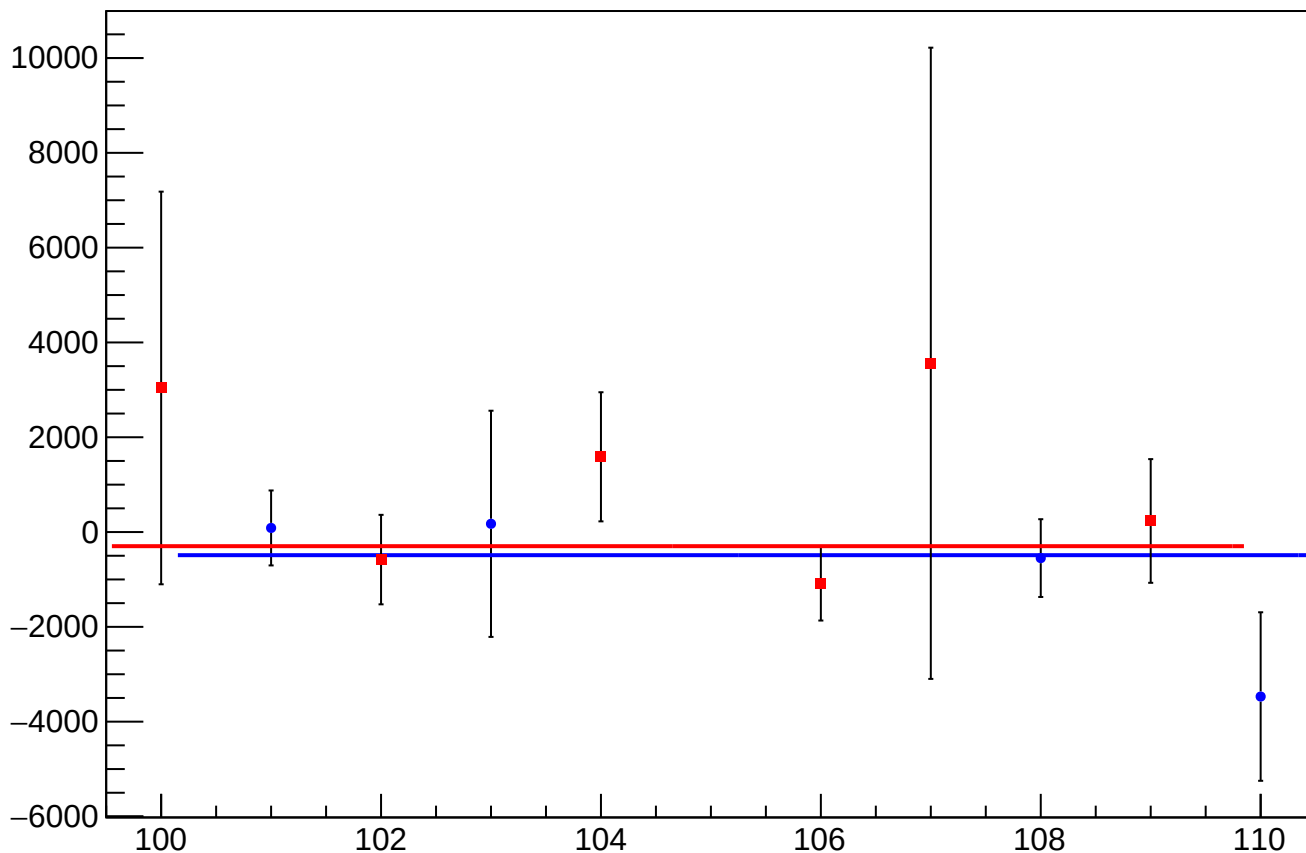
Right: 2195.564+/-0.787 χ^2/NDF : 664019.2/9

In: 2201.777+/-1.175 χ^2/NDF : 545115.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2195.564+/-0.787 χ^2/NDF : 664019.2/9

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -487.823+/-528.648 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -297.930+/-501.888 χ^2/NDF : 4.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

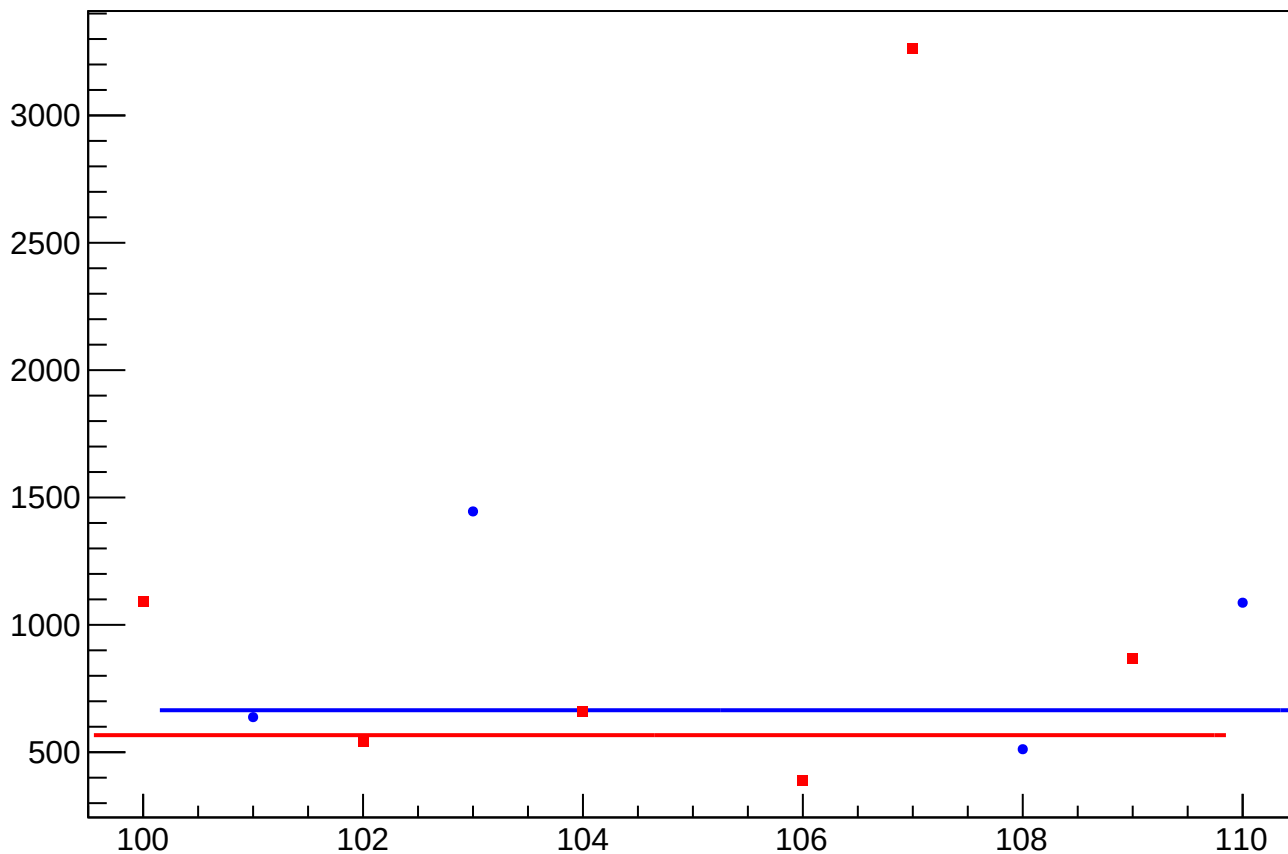
Right: -387.949+/-363.981 χ^2/NDF : 7.7/9

In: -487.823+/-528.648 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -387.949+/-363.981 χ^2/NDF : 7.7/9

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 664.810+/-0.374 χ^2/NDF : 398806.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 566.951+/-0.355 χ^2/NDF : 582337.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

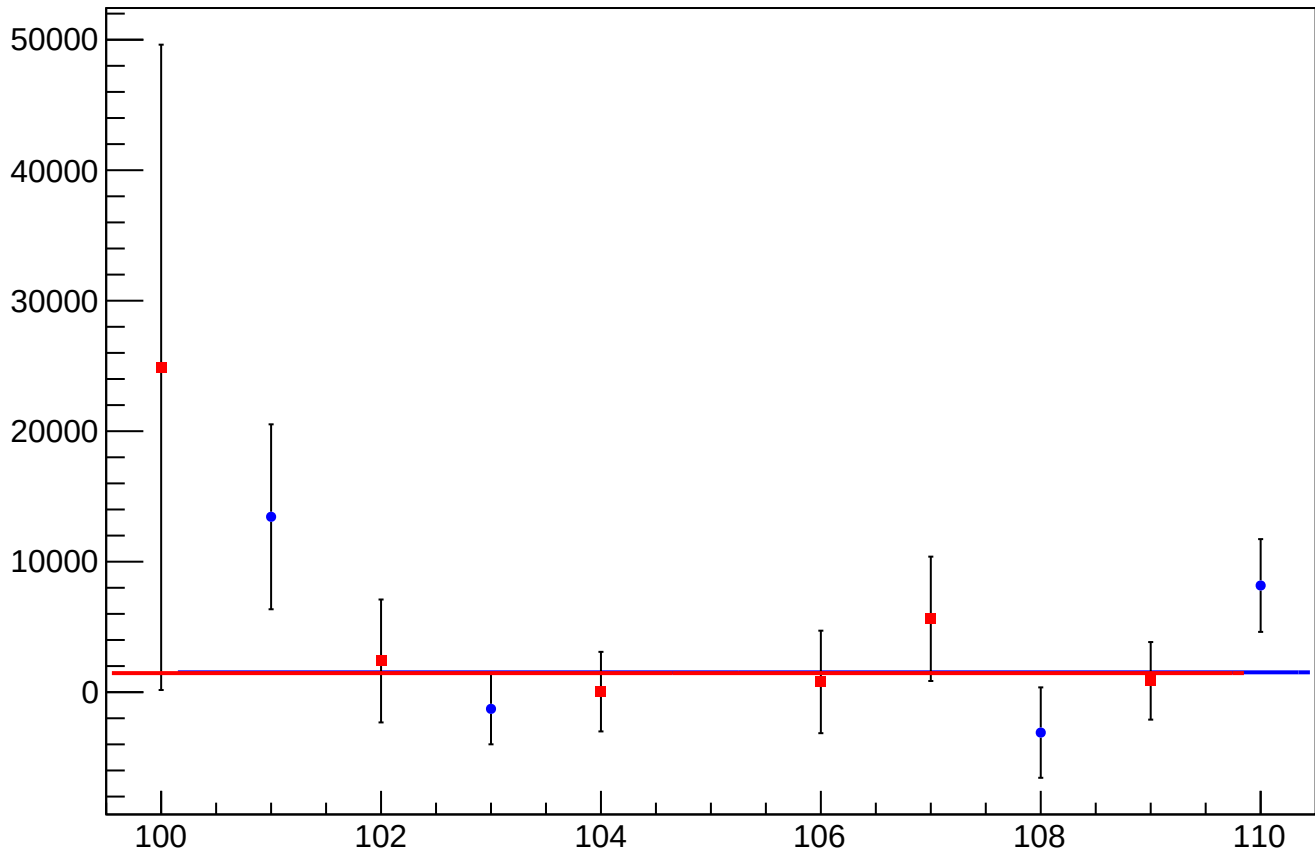
Right: 613.341+/-0.257 χ^2/NDF : 1017188.4/9

In: 664.810+/-0.374 χ^2/NDF : 398806.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.341+/-0.257 χ^2/NDF : 1017188.4/9

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1520.661+/-1773.755 χ^2/NDF : 9.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1460.660+/-1630.058 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

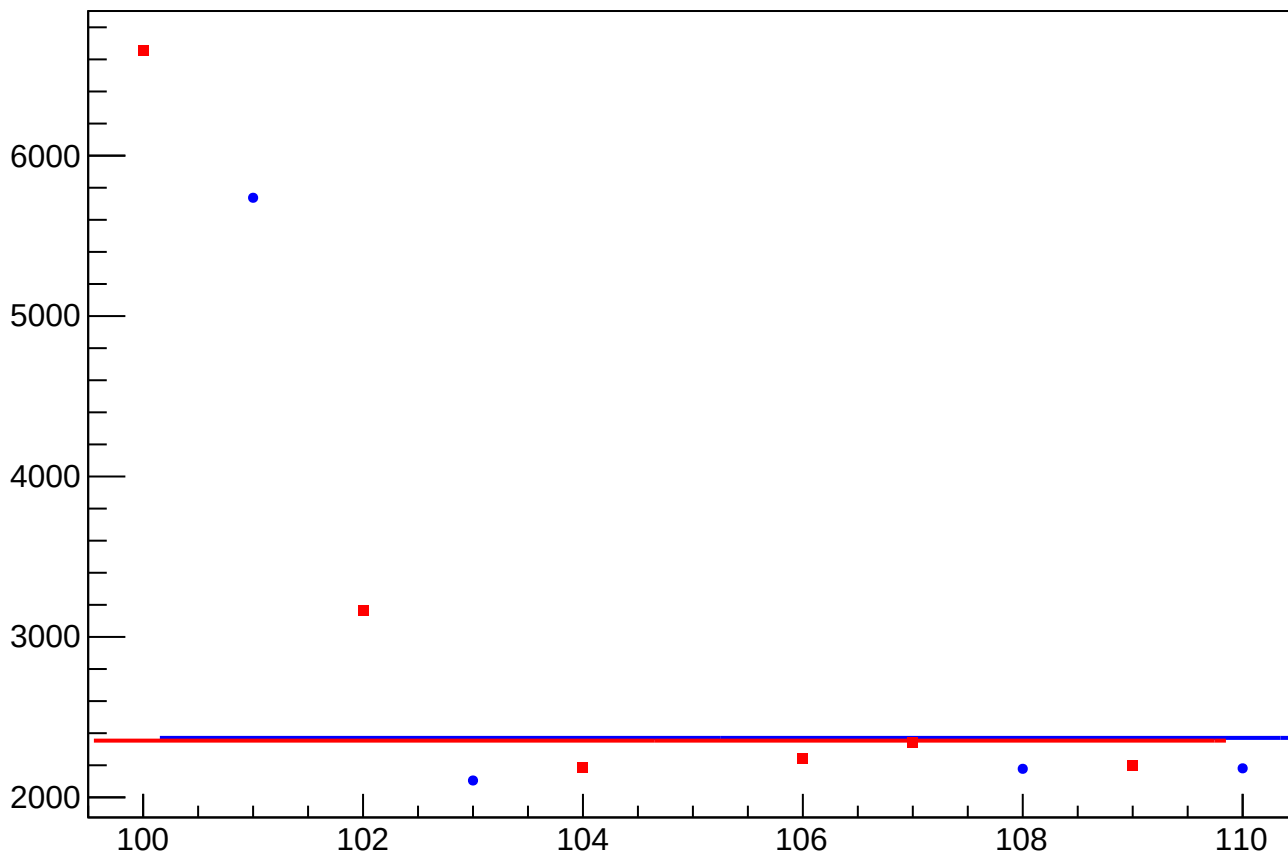
Right: 1488.132+/-1200.216 χ^2/NDF : 11.2/9

In: 1520.661+/-1773.755 χ^2/NDF : 9.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1488.132+/-1200.216 χ^2/NDF : 11.2/9

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2370.706+/-1.254 χ^2/NDF : 482482.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2353.677+/-1.153 χ^2/NDF : 132870.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

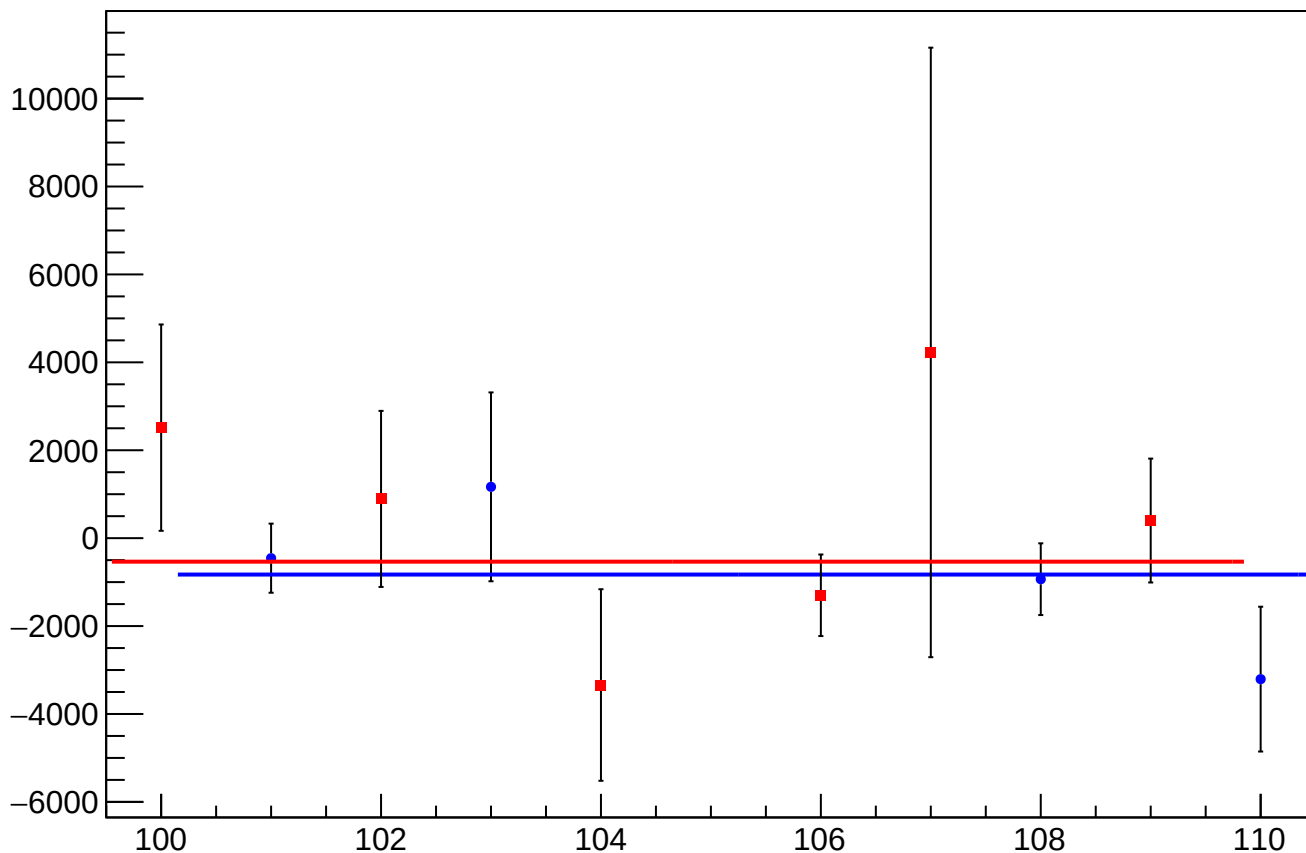
Right: 2361.473+/-0.849 χ^2/NDF : 615452.1/9

In: 2370.706+/-1.254 χ^2/NDF : 482482.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2361.473+/-0.849 χ^2/NDF : 615452.1/9

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -828.076+/-519.412 χ^2/NDF : 3.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -534.808+/-655.457 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

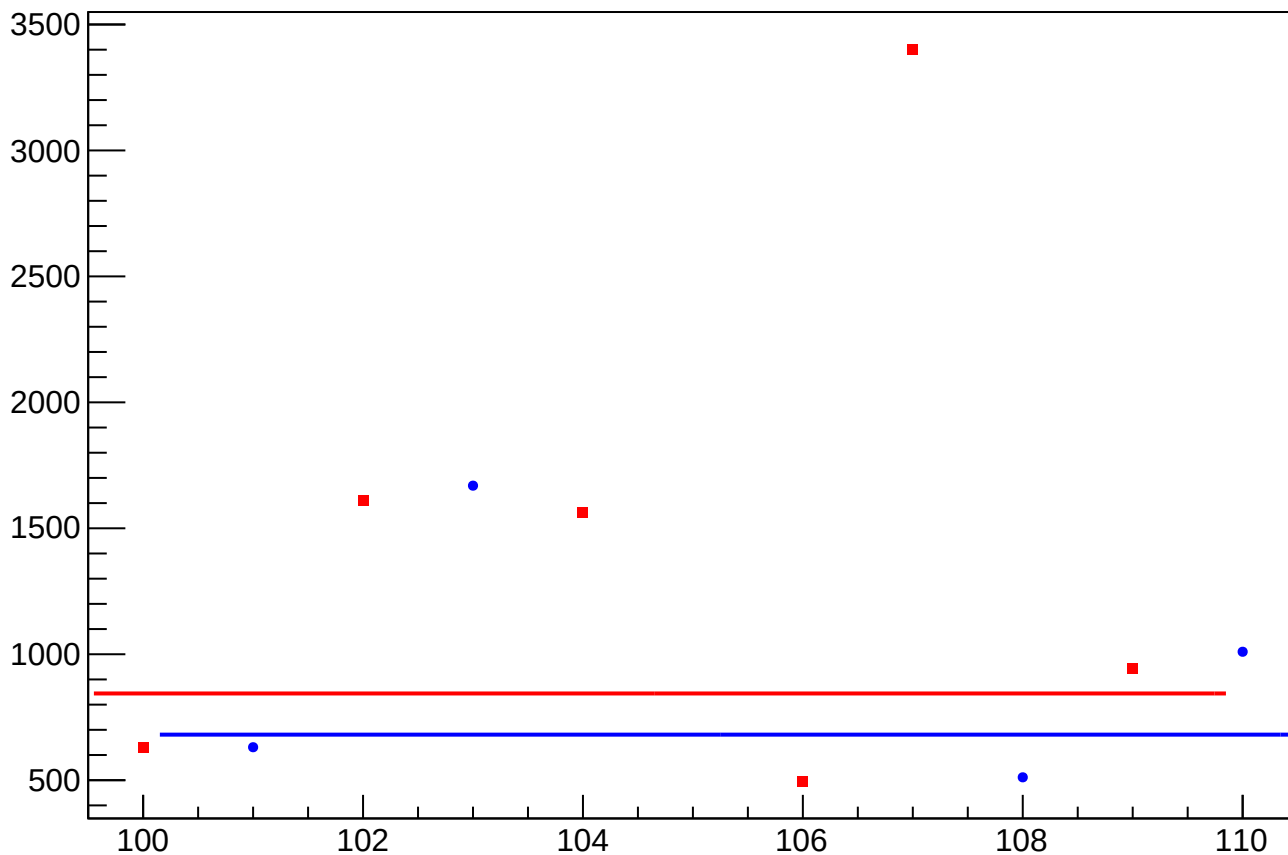
Right: -714.952+/-407.089 χ^2/NDF : 8.8/9

In: -828.076+/-519.412 χ^2/NDF : 3.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -714.952+/-407.089 χ^2/NDF : 8.8/9

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 680.880+/-0.367 χ^2/NDF : 597533.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 844.323+/-0.463 χ^2/NDF : 1092199.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

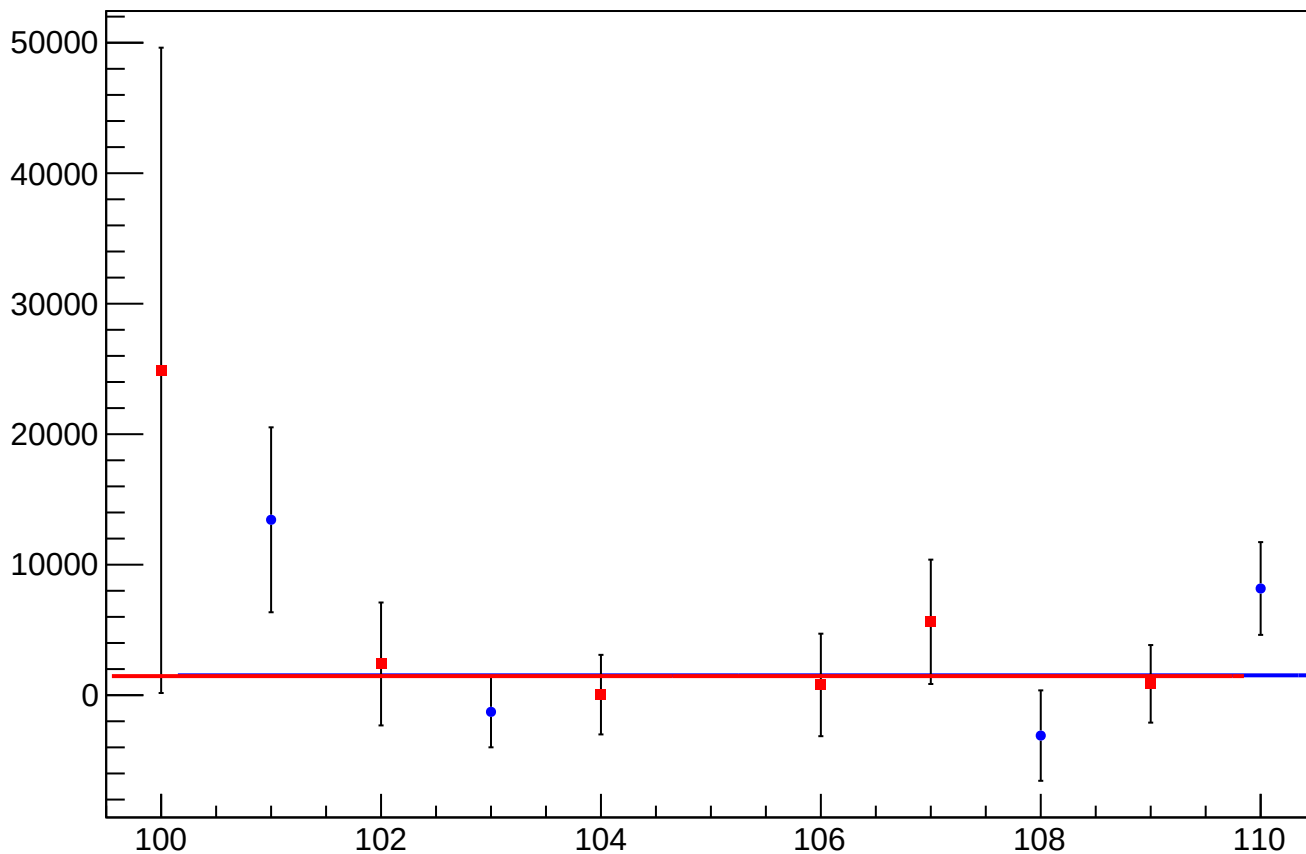
Right: 743.926+/-0.288 χ^2/NDF : 1766122.5/9

In: 680.880+/-0.367 χ^2/NDF : 597533.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 743.926+/-0.288 χ^2/NDF : 1766122.5/9

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1520.655+/-1773.753 χ^2/NDF : 9.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1460.652+/-1630.057 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

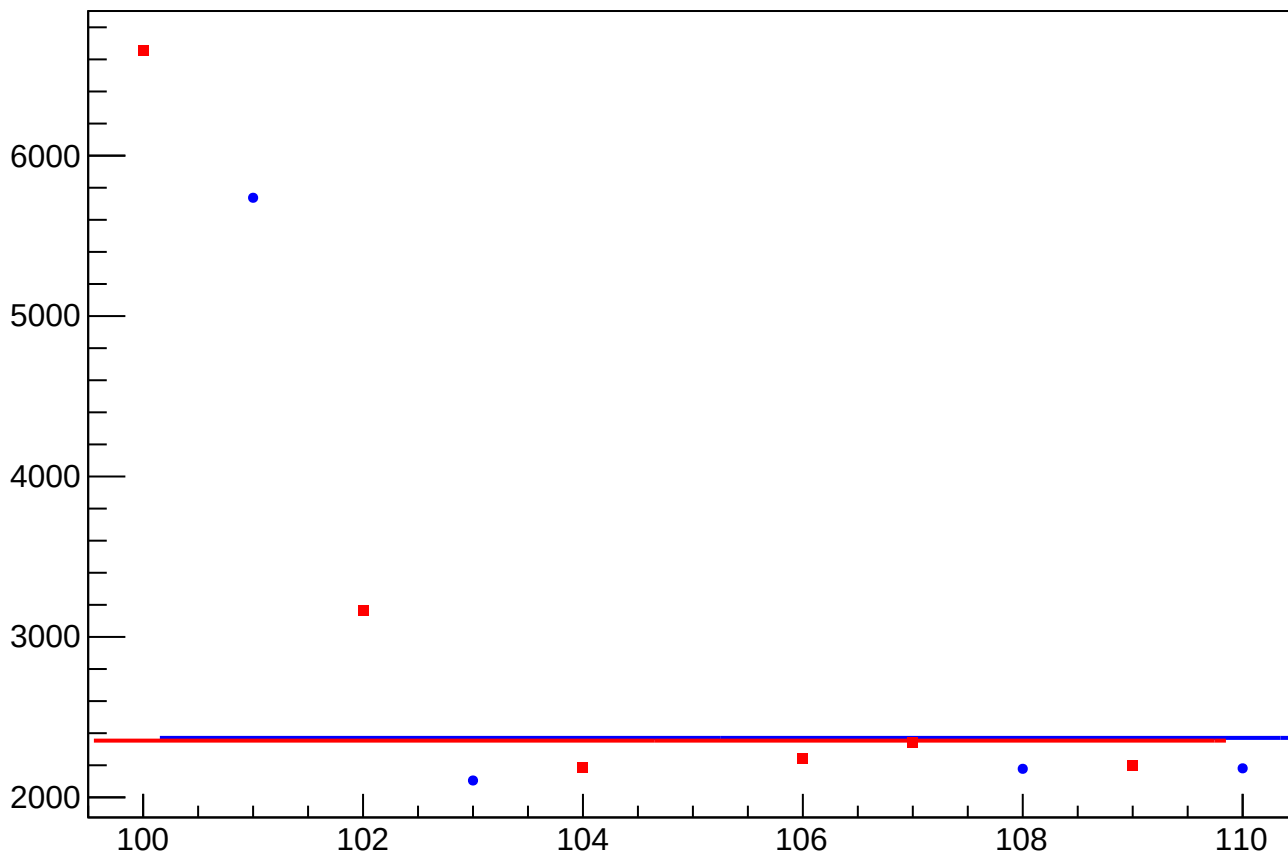
Right: 1488.125+/-1200.215 χ^2/NDF : 11.2/9

In: 1520.655+/-1773.753 χ^2/NDF : 9.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1488.125+/-1200.215 χ^2/NDF : 11.2/9

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2370.704+/-1.254 χ^2/NDF : 482482.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2353.675+/-1.153 χ^2/NDF : 132869.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

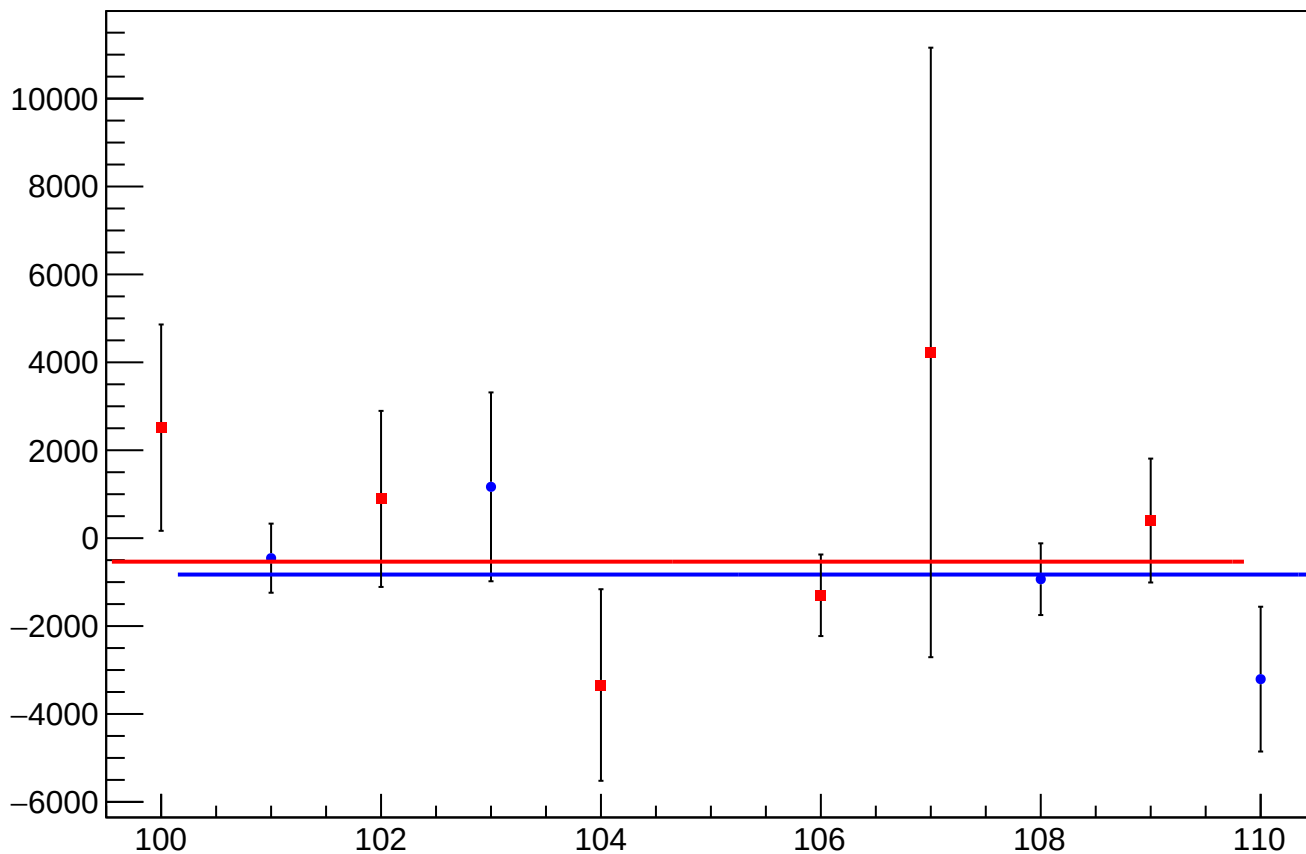
Right: 2361.472+/-0.849 χ^2/NDF : 615452.4/9

In: 2370.704+/-1.254 χ^2/NDF : 482482.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2361.472+/-0.849 χ^2/NDF : 615452.4/9

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -828.074+/-519.412 χ^2/NDF : 3.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -534.809+/-655.457 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

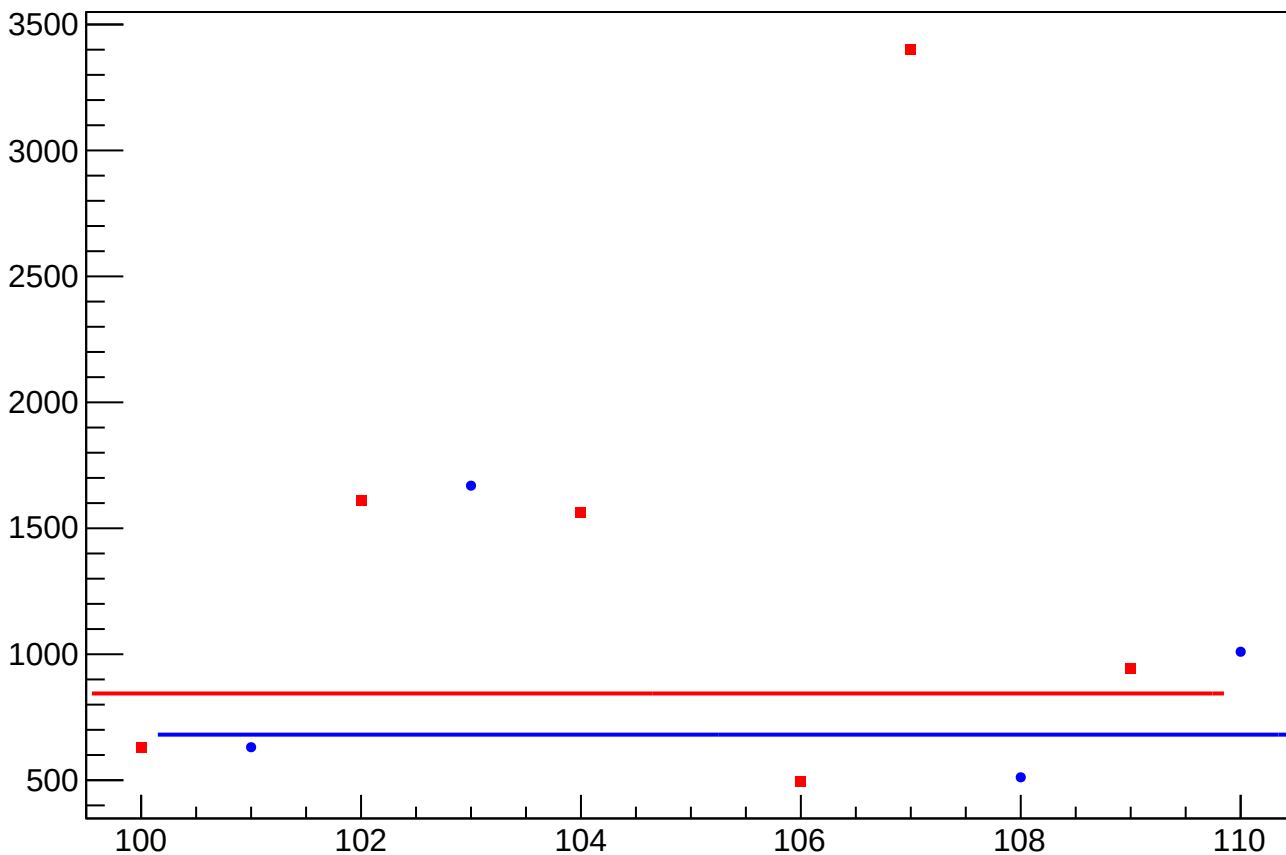
Right: -714.951+/-407.089 χ^2/NDF : 8.8/9

In: -828.074+/-519.412 χ^2/NDF : 3.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -714.951+/-407.089 χ^2/NDF : 8.8/9

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 680.879+/-0.367 χ^2/NDF : 597536.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 844.323+/-0.463 χ^2/NDF : 1092204.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

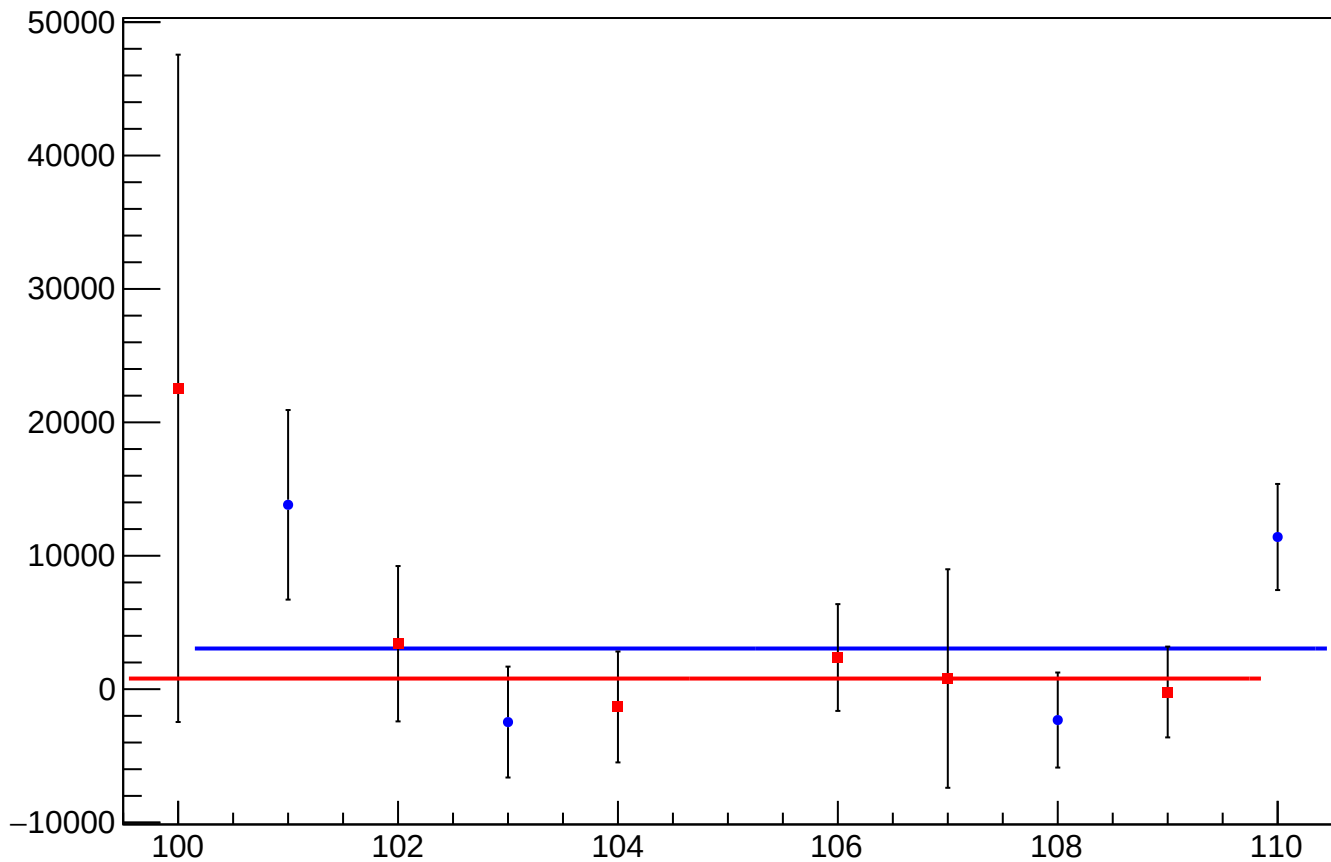
Right: 743.925+/-0.288 χ^2/NDF : 1766130.5/9

In: 680.879+/-0.367 χ^2/NDF : 597536.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 743.925+/-0.288 χ^2/NDF : 1766130.5/9

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 3047.523+/-2133.348 χ^2/NDF : 10.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 795.546+/-1989.600 χ^2/NDF : 1.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

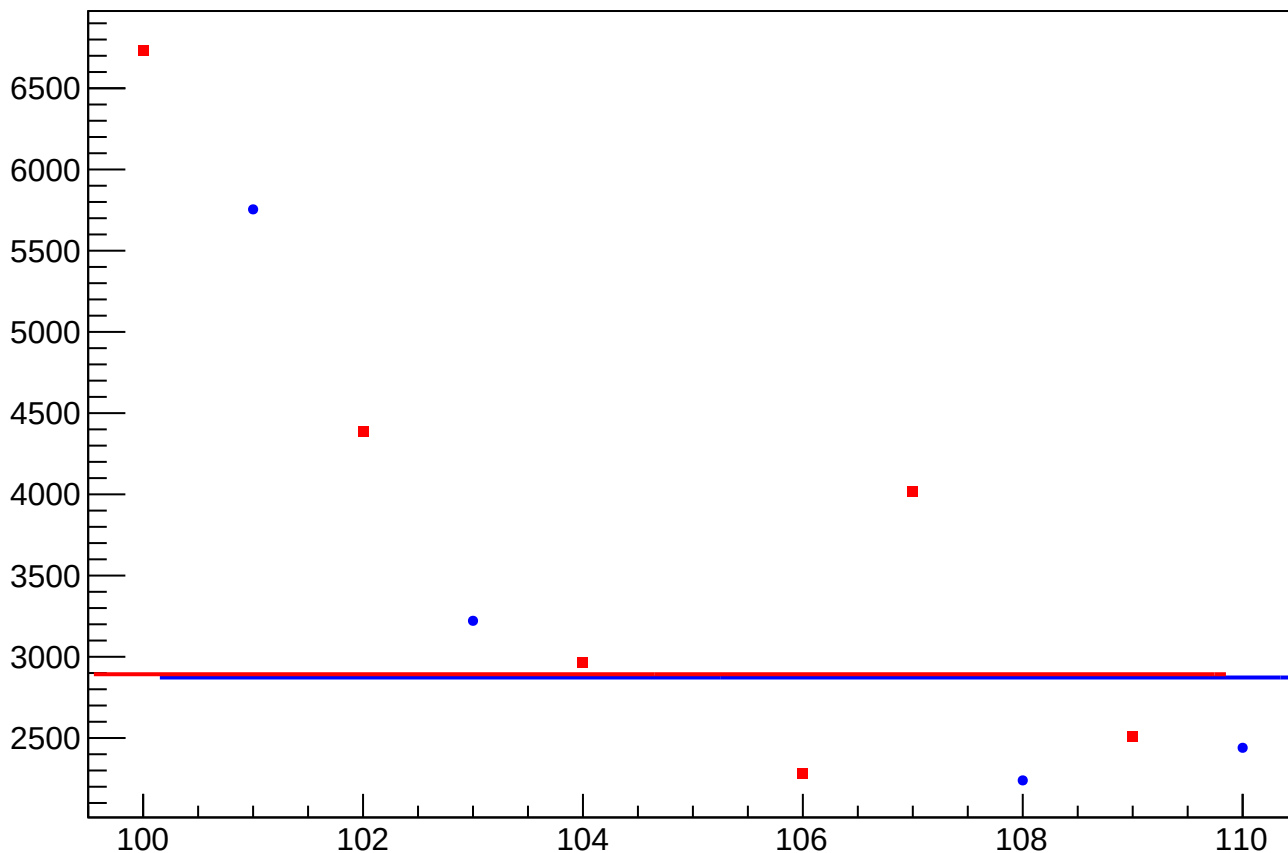
Right: 1843.114+/-1455.026 χ^2/NDF : 12.8/9

In: 3047.523+/-2133.348 χ^2/NDF : 10.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1843.114+/-1455.026 χ^2/NDF : 12.8/9

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2872.471+/-1.509 χ^2/NDF : 429976.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2892.598+/-1.407 χ^2/NDF : 288740.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

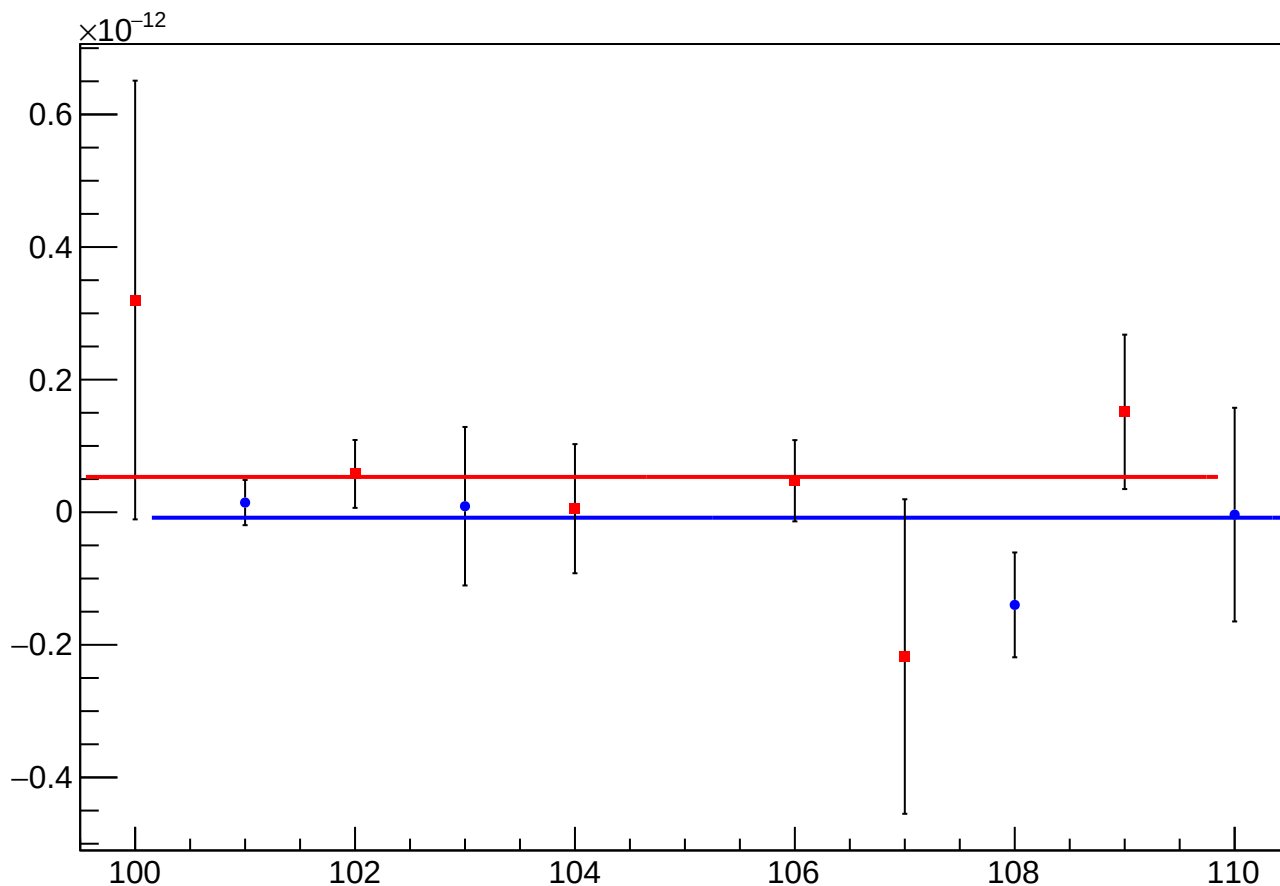
Right: 2883.236+/-1.029 χ^2/NDF : 718811.9/9

In: 2872.471+/-1.509 χ^2/NDF : 429976.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2883.236+/-1.029 χ^2/NDF : 718811.9/9

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

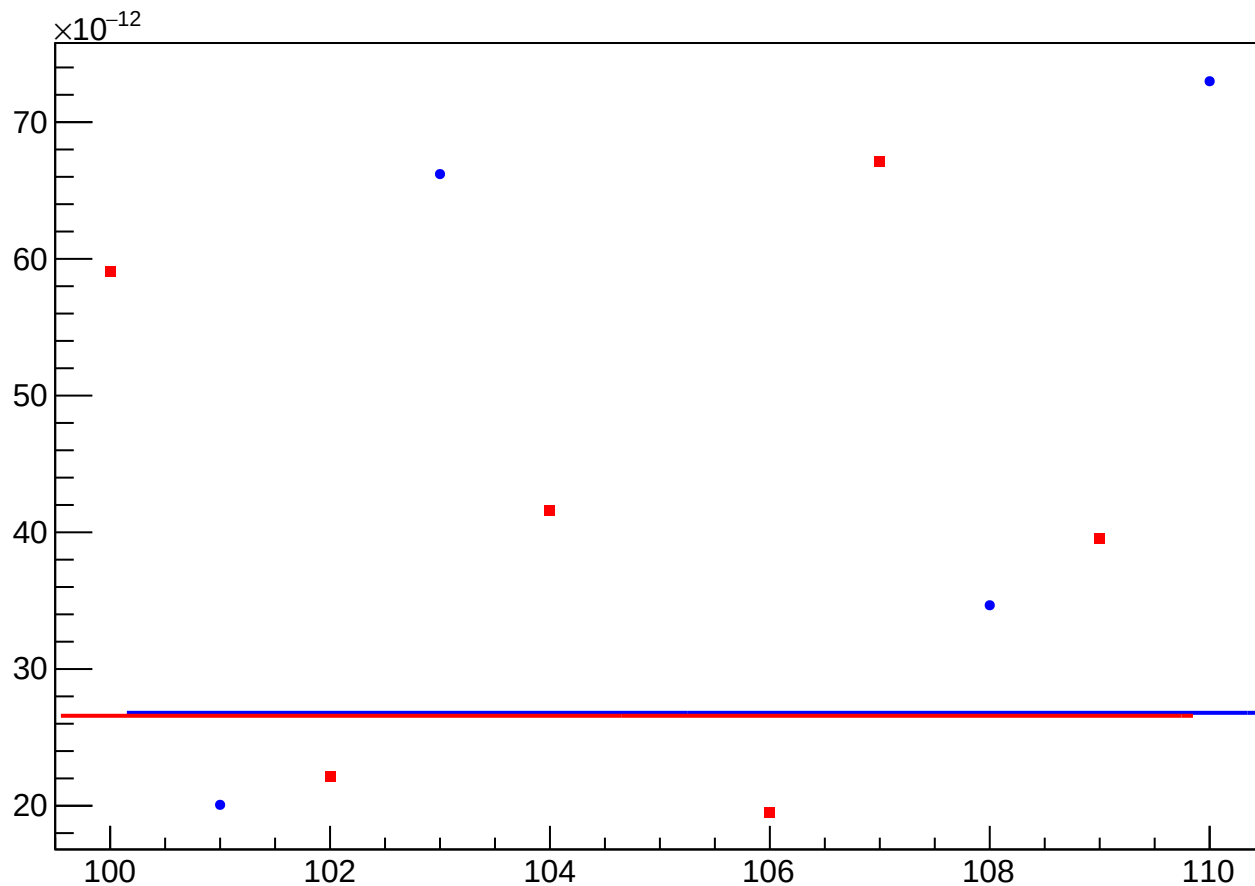
Right: 0.000+/-0.000 χ^2/NDF : 8.0/9

In: -0.000+/-0.000 χ^2/NDF : 3.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/9

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 479473.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 191511.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

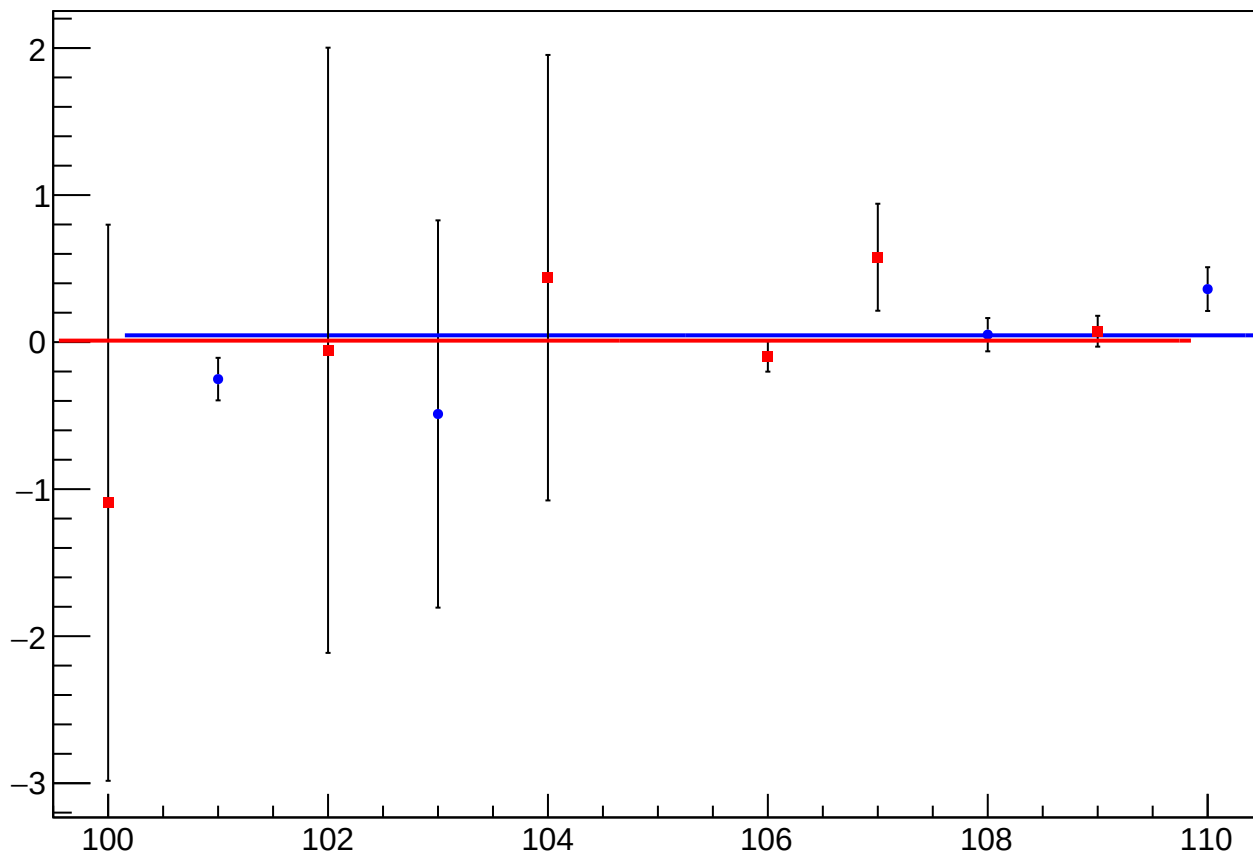
Right: 0.000+/-0.000 χ^2/NDF : 671030.2/9

In: 0.000+/-0.000 χ^2/NDF : 479473.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 671030.2/9

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046 $\pm$ 0.076 χ^2 /NDF: 8.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.072 χ^2 /NDF: 4.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

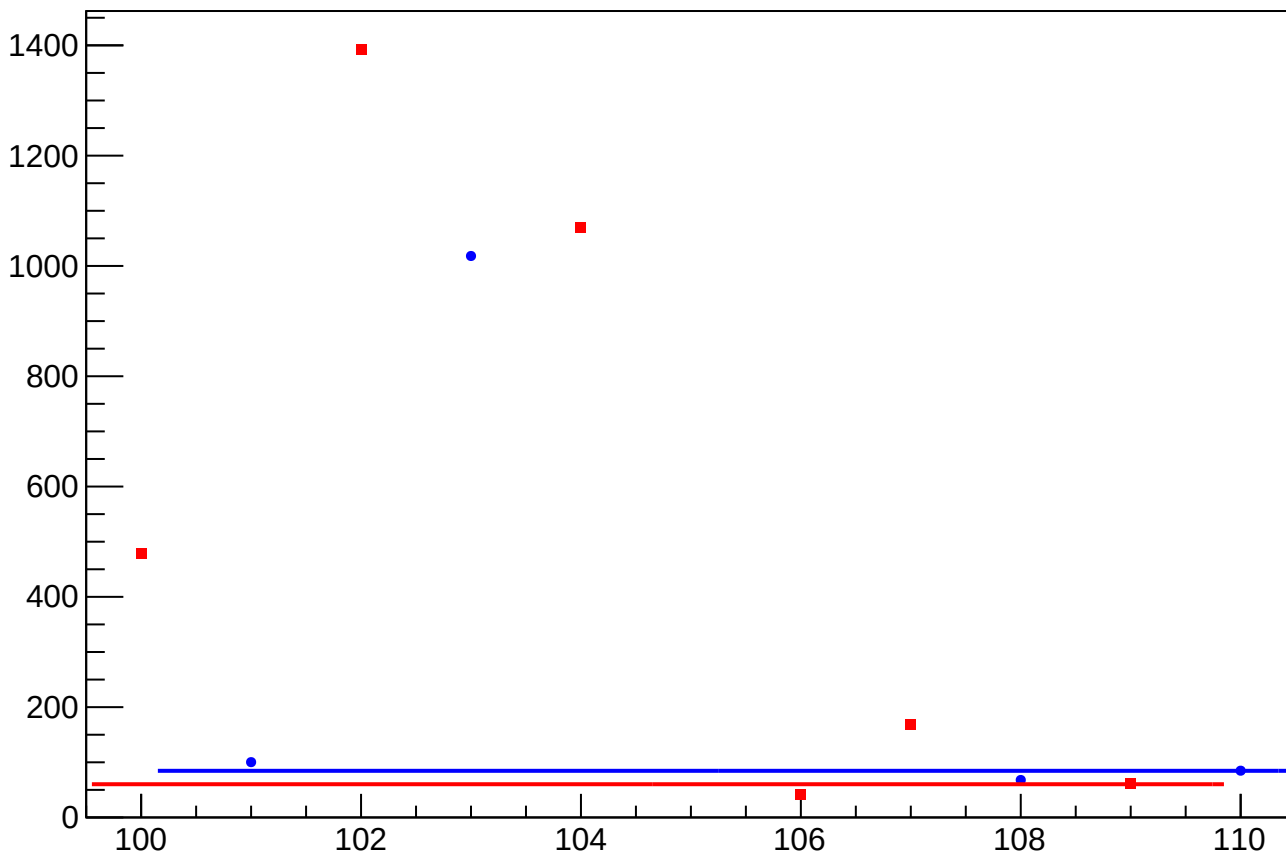
Right: 0.027 $\pm$ 0.052 χ^2 /NDF: 13.3/9

In: 0.046 $\pm$ 0.076 χ^2 /NDF:8.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.027 $\pm$ 0.052 χ^2 /NDF: 13.3/9

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 84.567 $\pm$ 0.054 χ^2 /NDF: 1071808.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.258 $\pm$ 0.051 χ^2 /NDF: 2074557.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

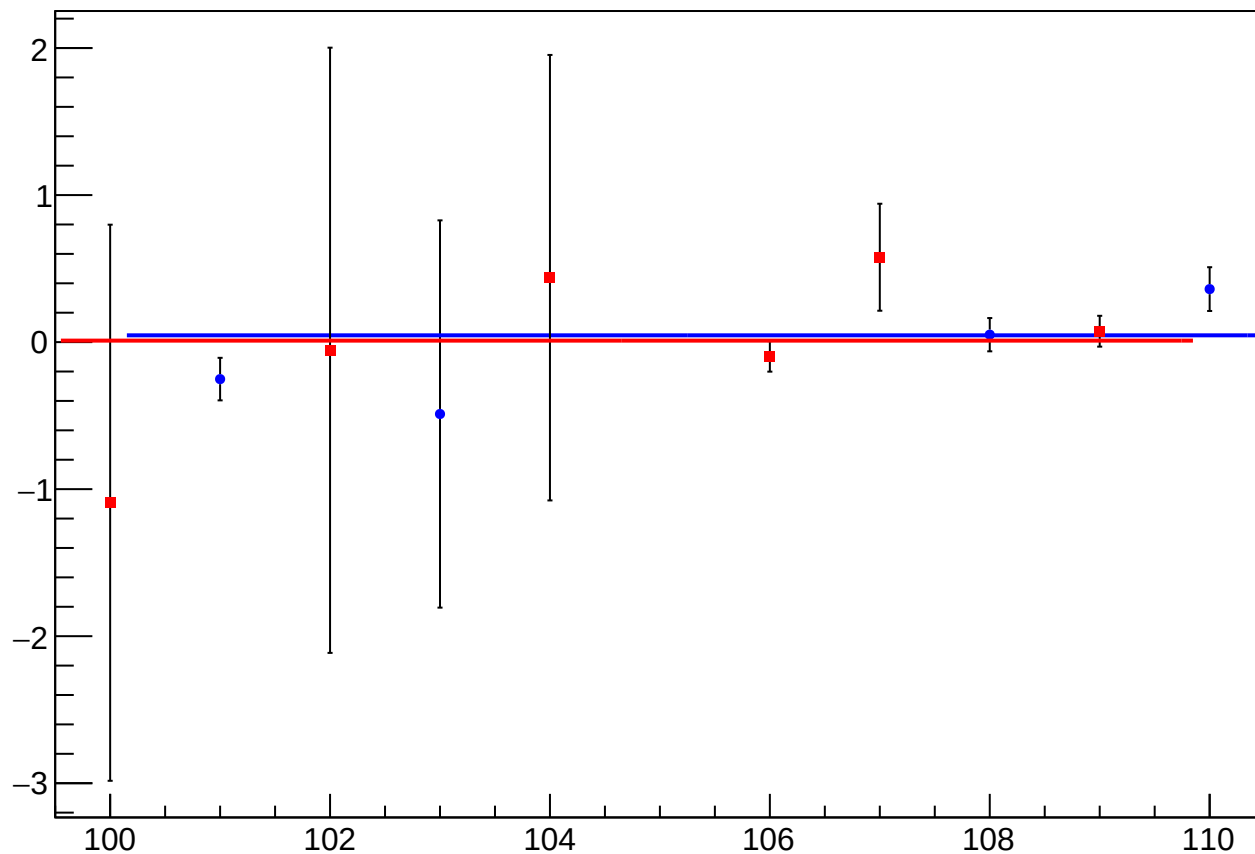
Right: 71.724 $\pm$ 0.037 χ^2 /NDF: 3253516.4/9

In: 84.567 $\pm$ 0.054 χ^2 /NDF:1071808.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 71.724 $\pm$ 0.037 χ^2 /NDF: 3253516.4/9

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046 $\pm$ 0.076 χ^2 /NDF: 8.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.072 χ^2 /NDF: 4.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

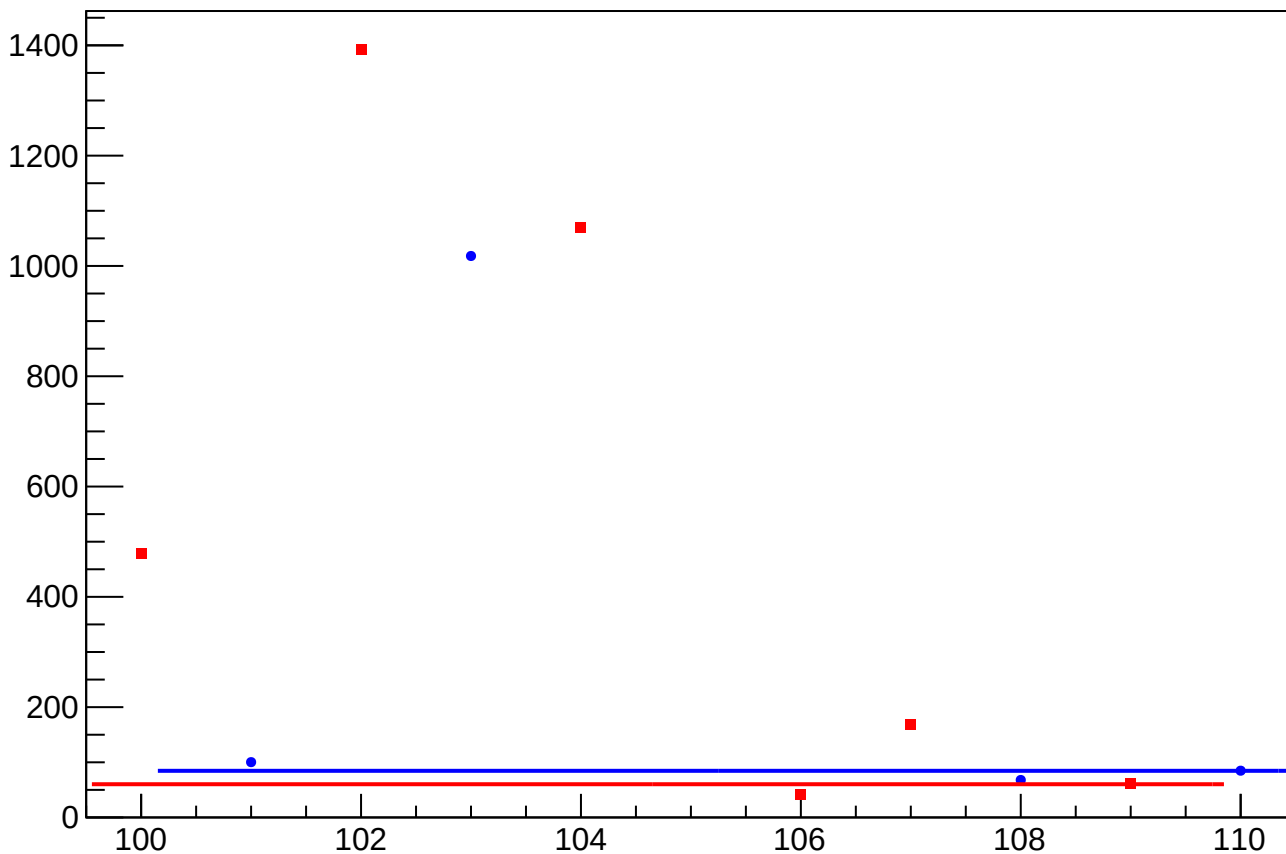
Right: 0.027 $\pm$ 0.052 χ^2 /NDF: 13.3/9

In: 0.046 $\pm$ 0.076 χ^2 /NDF:8.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.027 $\pm$ 0.052 χ^2 /NDF: 13.3/9

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 84.567 $\pm$ 0.054 χ^2 /NDF: 1071808.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.258 $\pm$ 0.051 χ^2 /NDF: 2074557.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

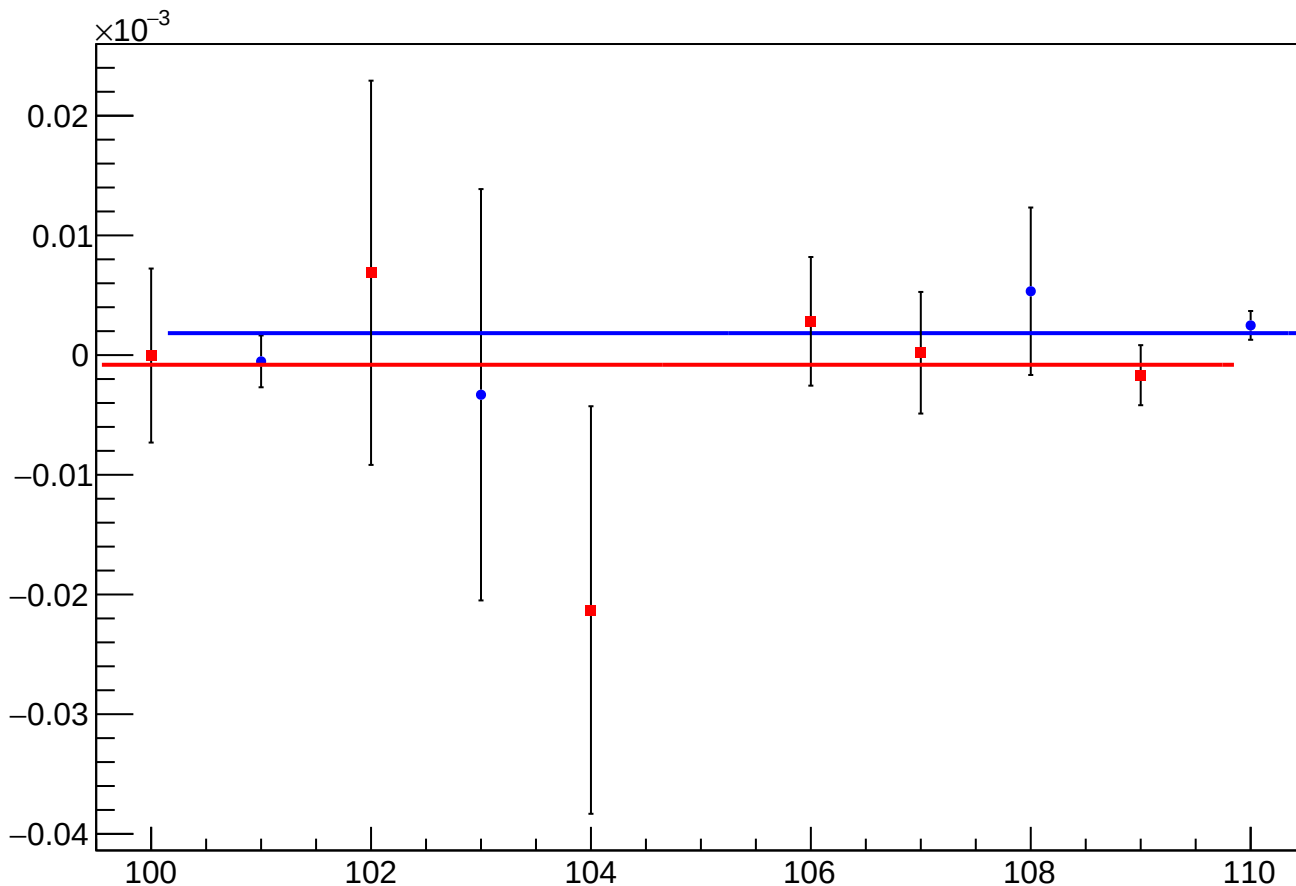
Right: 71.724 $\pm$ 0.037 χ^2 /NDF: 3253516.4/9

In: 84.567 $\pm$ 0.054 χ^2 /NDF:1071808.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 71.724 $\pm$ 0.037 χ^2 /NDF: 3253516.4/9

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

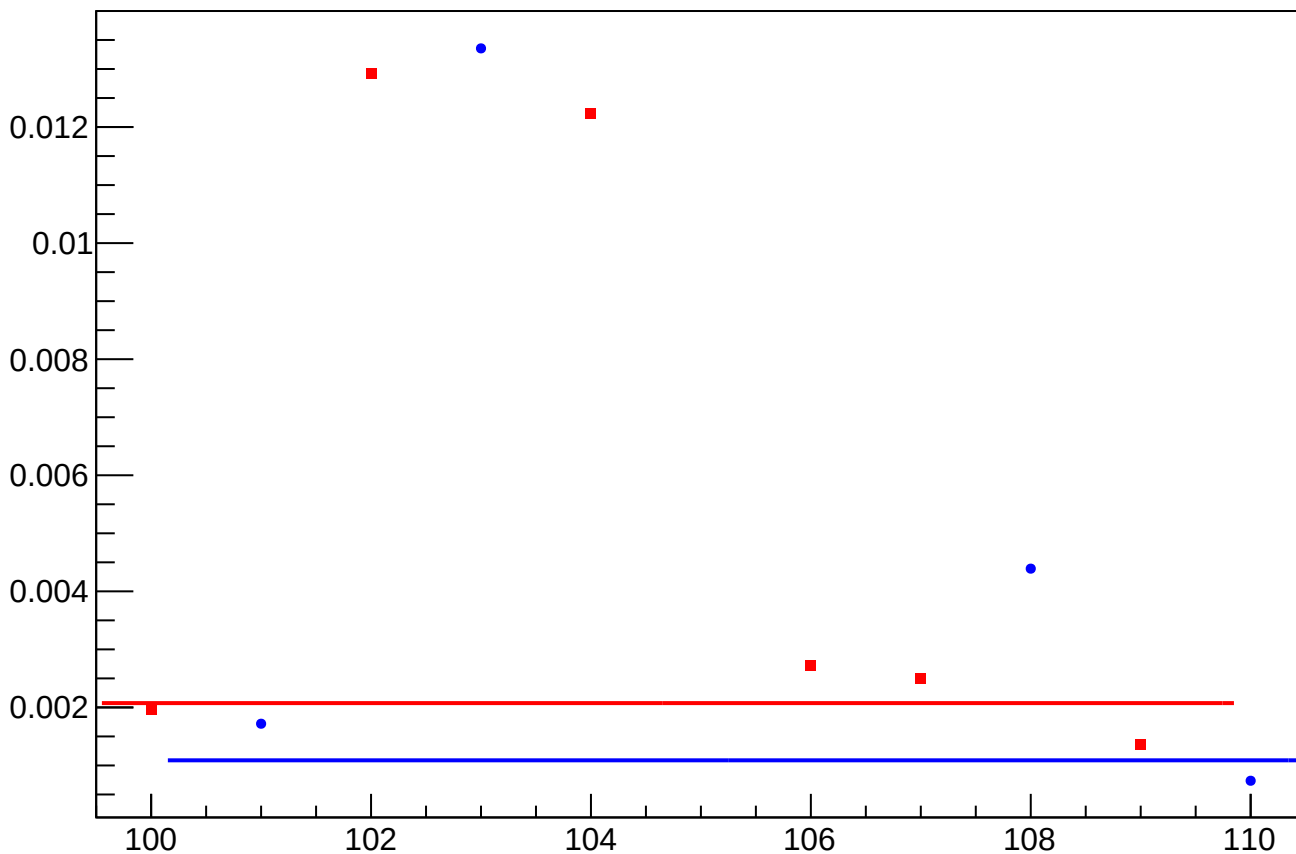
Right: 0.000+/-0.000 χ^2/NDF : 5.5/9

In: 0.000+/-0.000 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.5/9

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1806086.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1830696.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

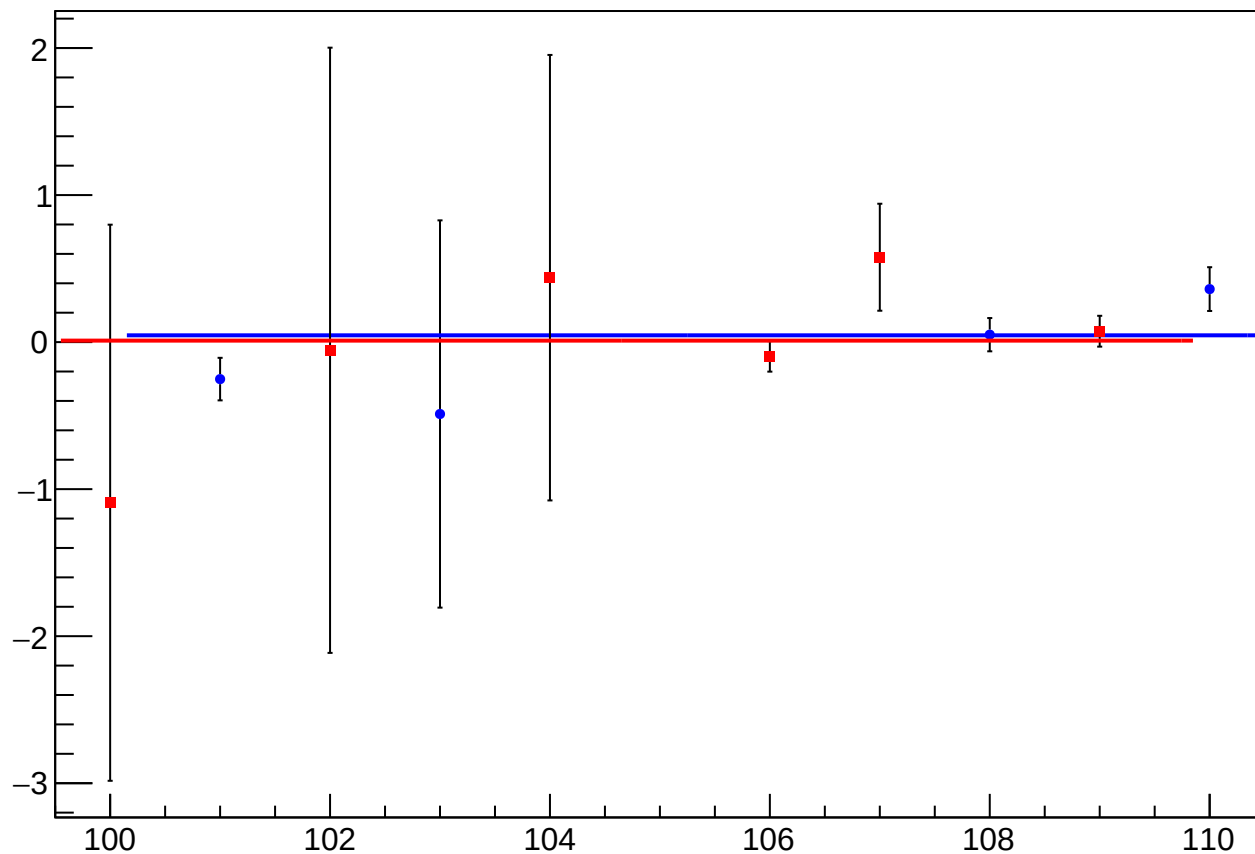
Right: 0.001+/-0.000 χ^2/NDF : 4029996.0/9

In: 0.001+/-0.000 χ^2/NDF : 1806086.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4029996.0/9

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046 $\pm$ 0.076 χ^2 /NDF: 8.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.010 $\pm$ 0.072 χ^2 /NDF: 4.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

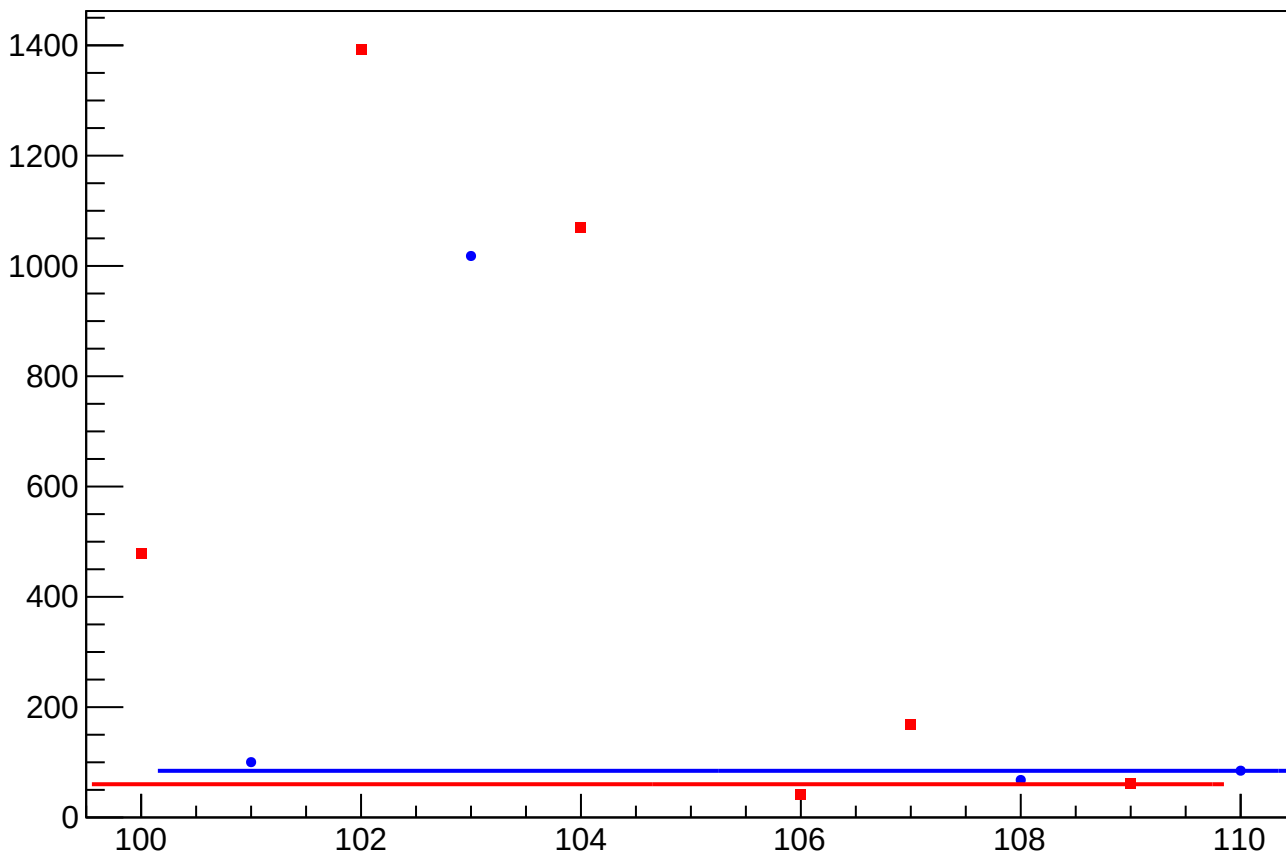
Right: 0.027 $\pm$ 0.052 χ^2 /NDF: 13.3/9

In: 0.046 $\pm$ 0.076 χ^2 /NDF: 8.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.052 χ^2 /NDF: 13.3/9

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 84.569+/-0.054 χ^2/NDF : 1071788.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.254+/-0.051 χ^2/NDF : 2074584.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

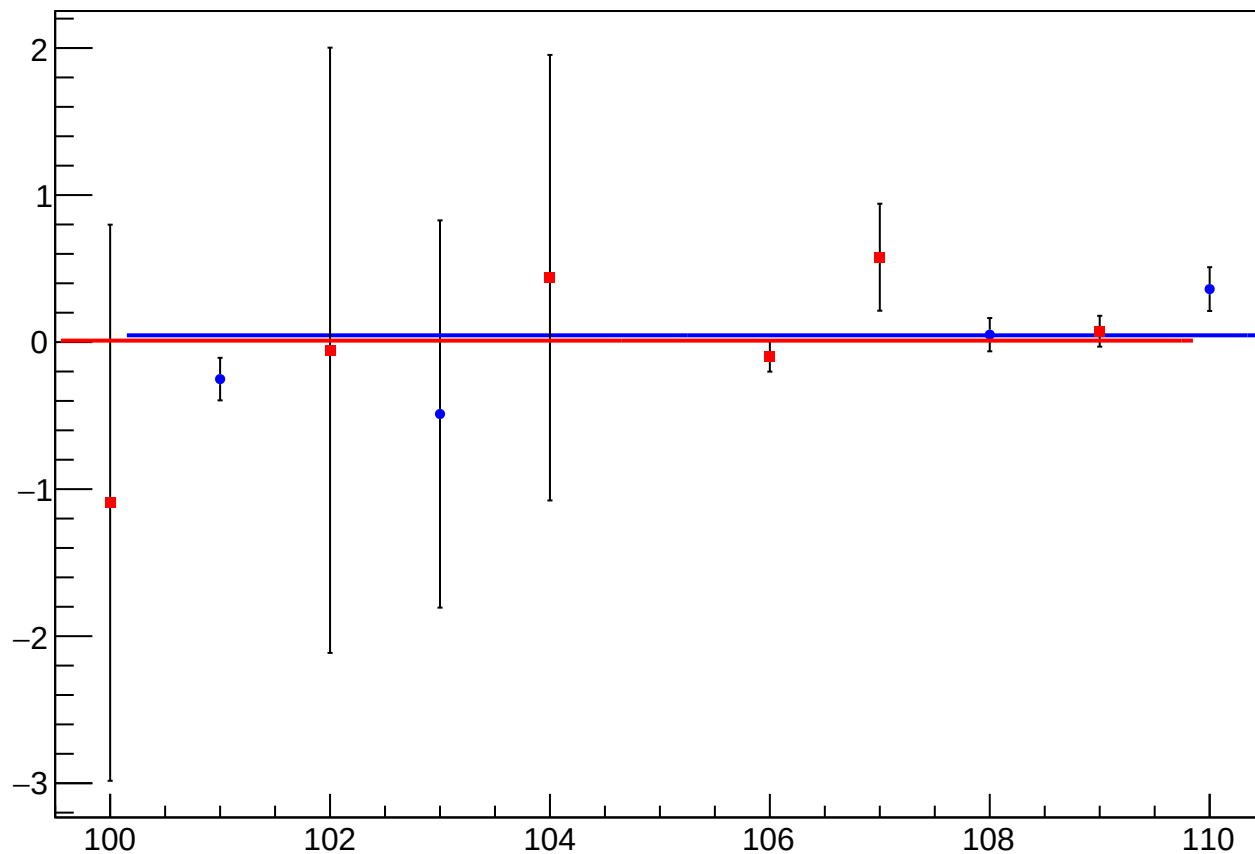
Right: 71.722+/-0.037 χ^2/NDF : 3253570.2/9

In: 84.569+/-0.054 χ^2/NDF : 1071788.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.722+/-0.037 χ^2/NDF : 3253570.2/9

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.076 χ^2/NDF : 8.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.072 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

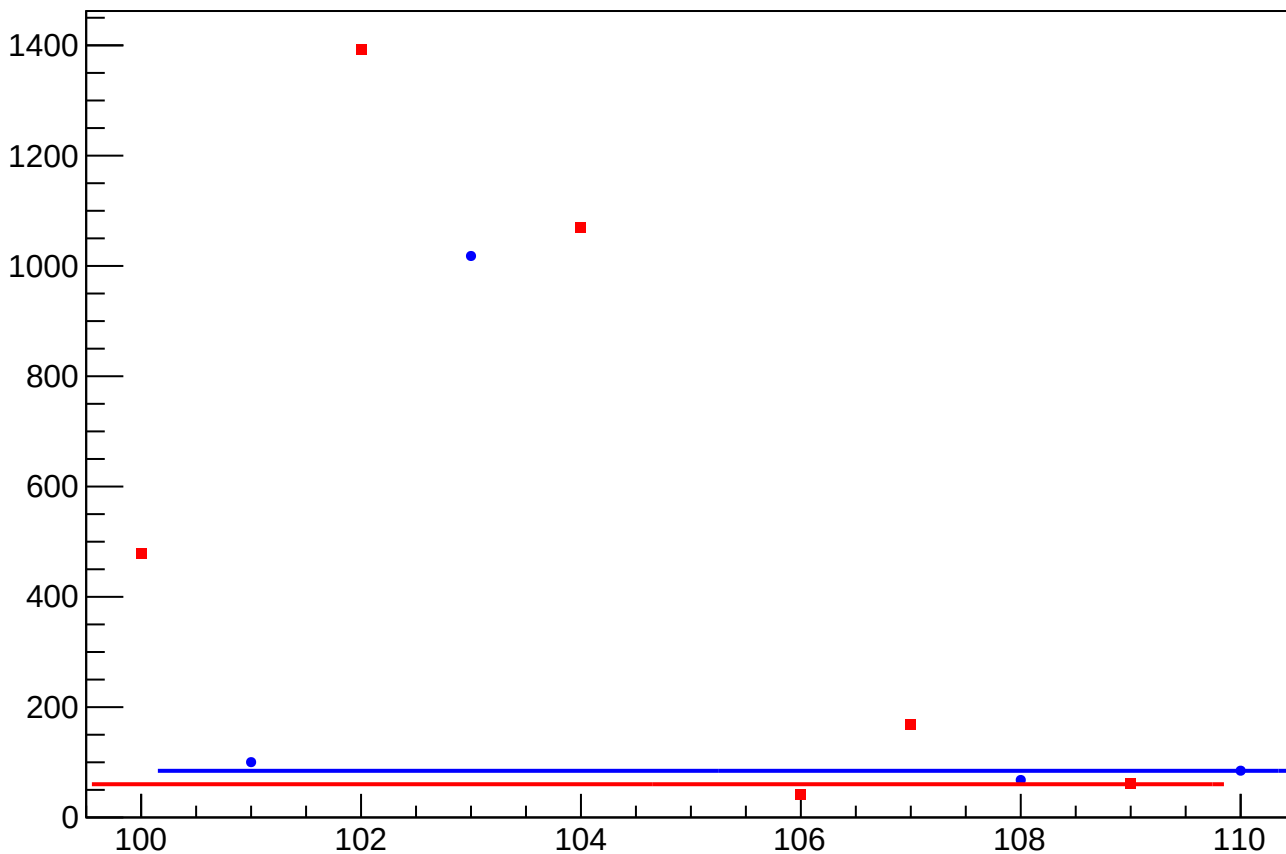
Right: 0.027+/-0.052 χ^2/NDF : 13.3/9

In: 0.046+/-0.076 χ^2/NDF : 8.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.052 χ^2/NDF : 13.3/9

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 84.569+/-0.054 χ^2/NDF : 1071788.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.254+/-0.051 χ^2/NDF : 2074584.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

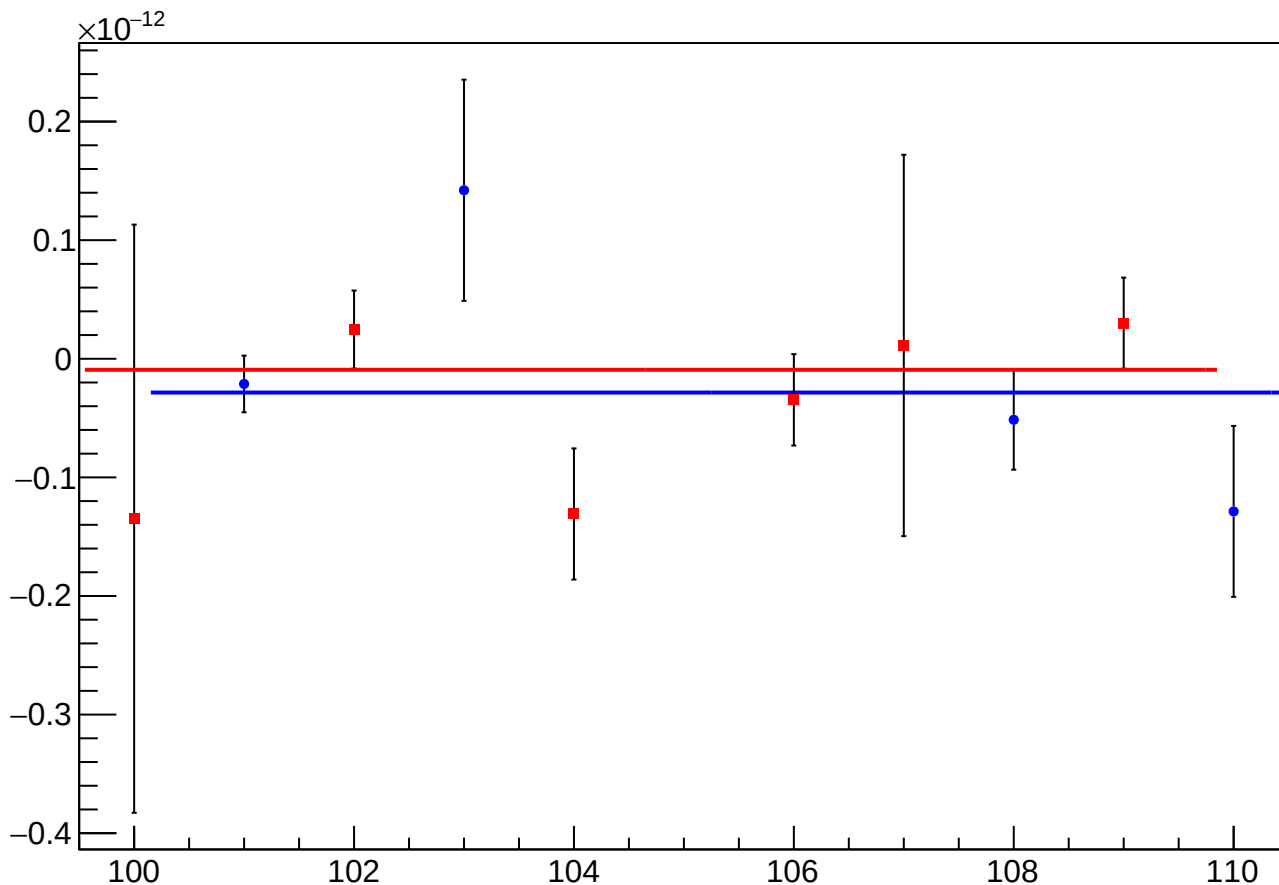
Right: 71.722+/-0.037 χ^2/NDF : 3253570.2/9

In: 84.569+/-0.054 χ^2/NDF : 1071788.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.722+/-0.037 χ^2/NDF : 3253570.2/9

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

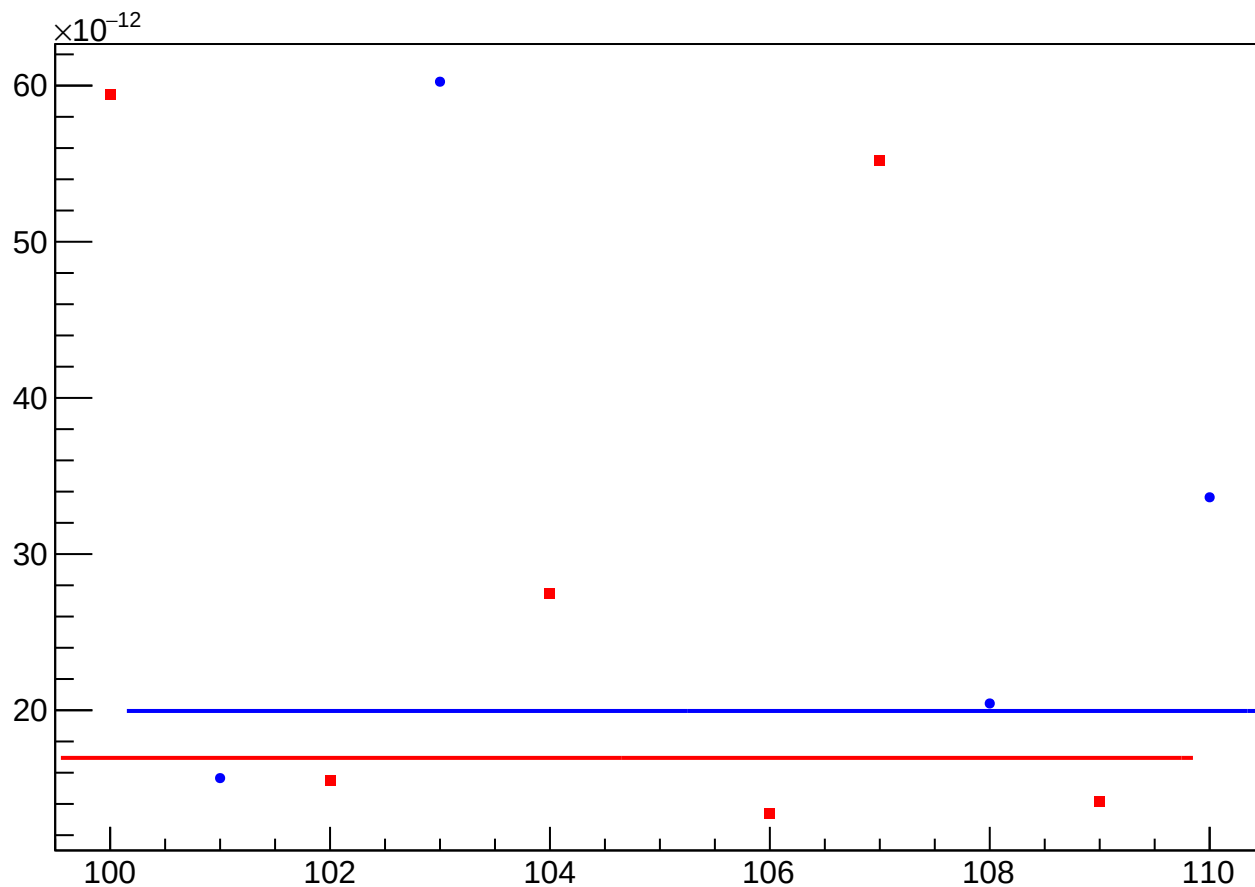
Right: -0.000+/-0.000 χ^2/NDF : 13.8/9

In: -0.000+/-0.000 χ^2/NDF : 5.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.8/9

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 510659.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 276253.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

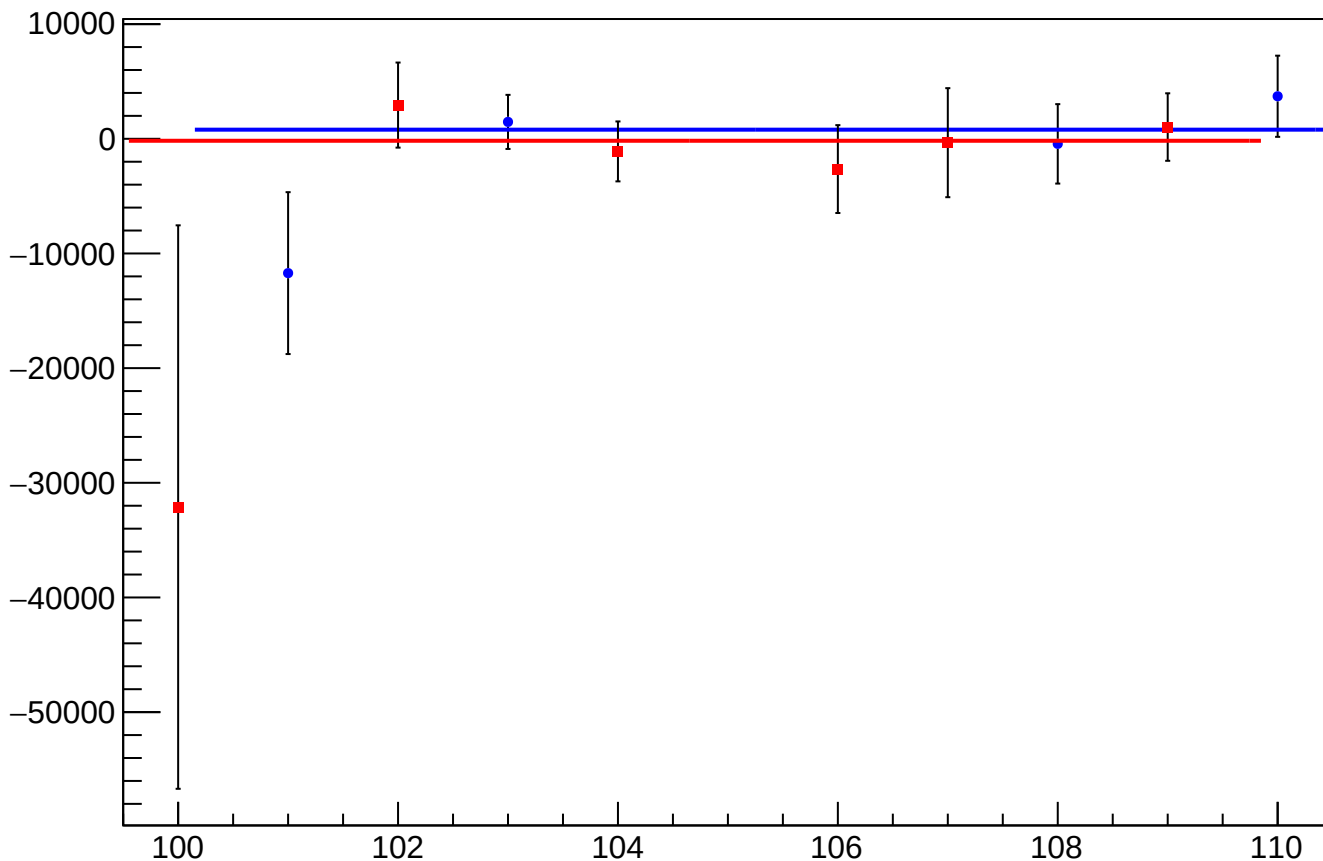
Right: 0.000+/-0.000 χ^2/NDF : 810778.0/9

In: 0.000+/-0.000 χ^2/NDF : 510659.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 810778.0/9

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 796.085+/-1659.697 χ^2/NDF : 4.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -172.111+/-1493.146 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

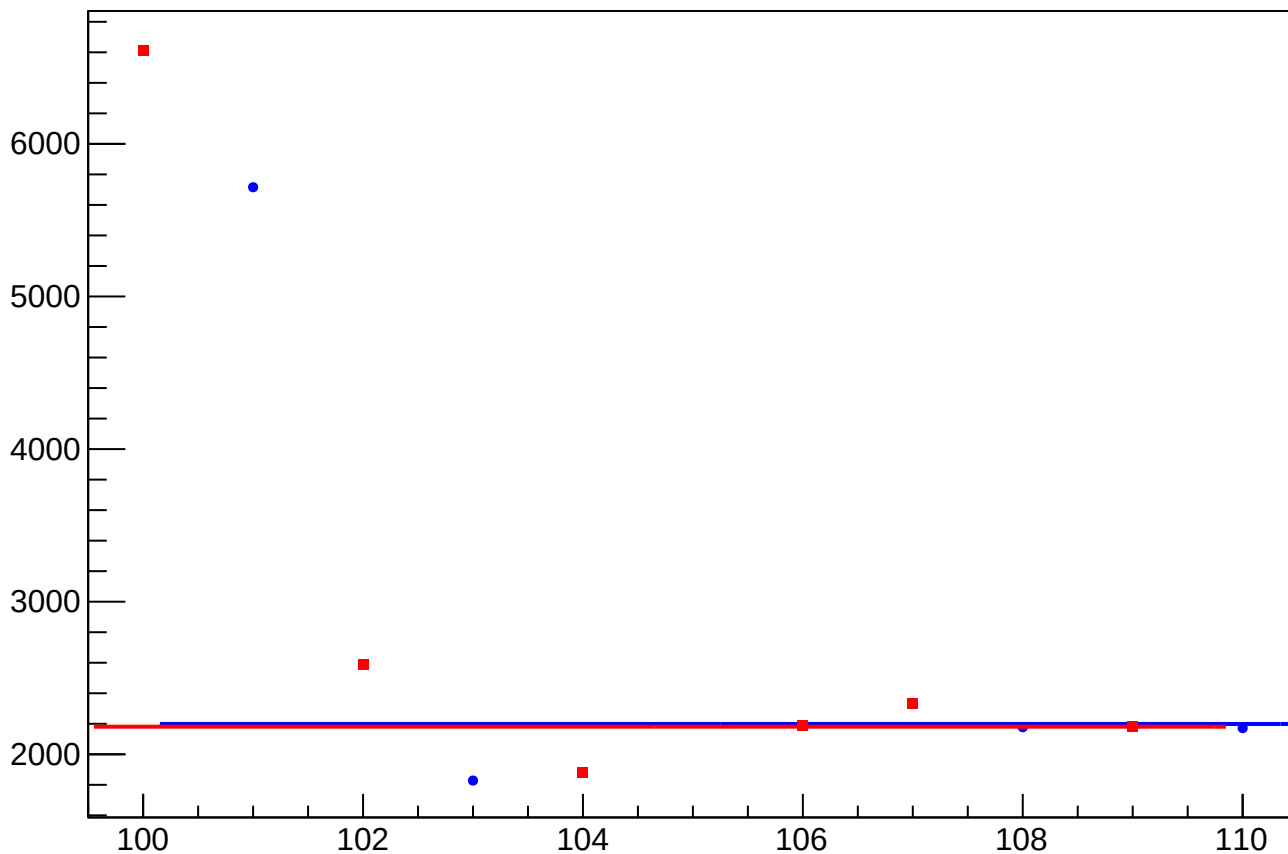
Right: 260.984+/-1110.040 χ^2/NDF : 7.3/9

In: 796.085+/-1659.697 χ^2/NDF : 4.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.984+/-1110.040 χ^2/NDF : 7.3/9

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2198.719+/-1.174 χ^2/NDF : 546167.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2181.029+/-1.056 χ^2/NDF : 118305.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

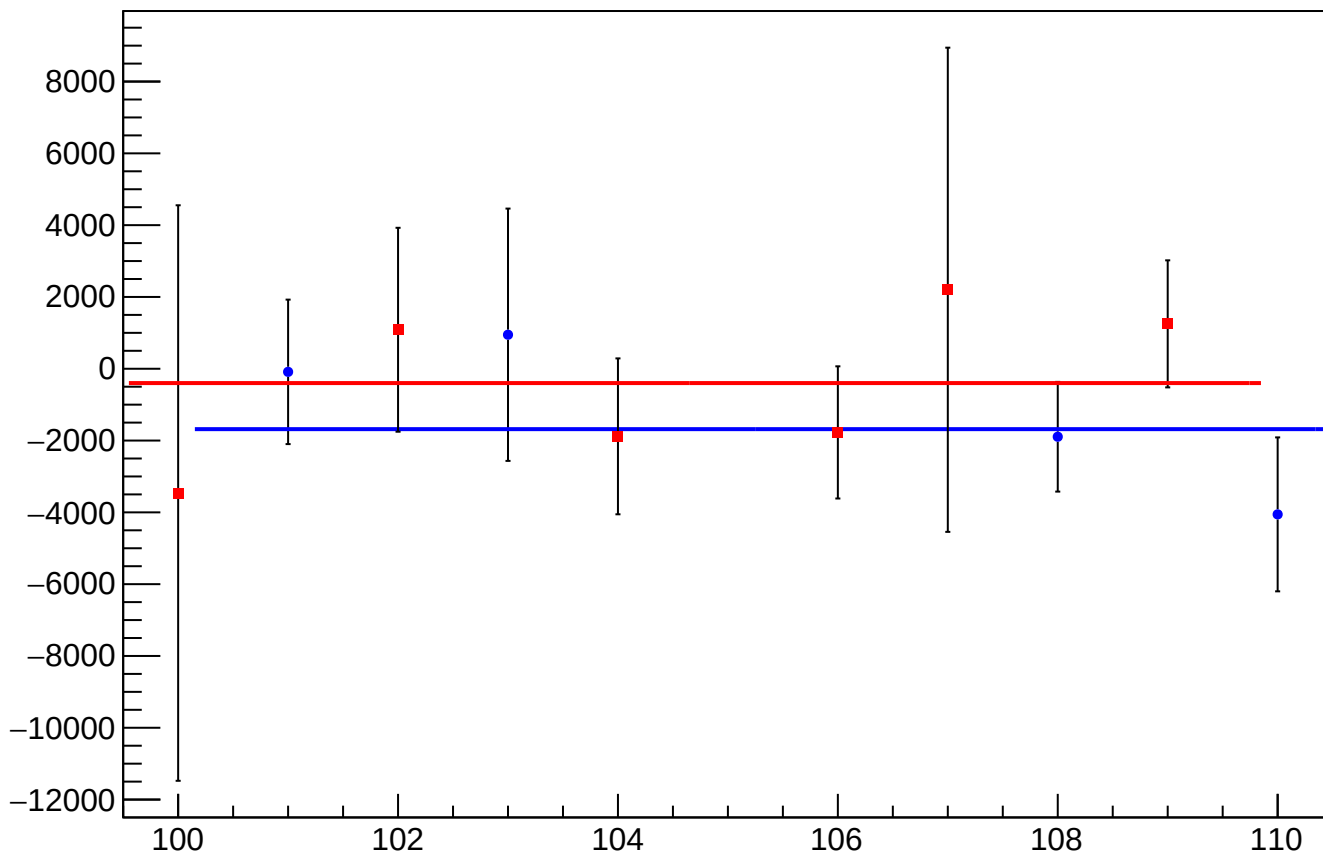
Right: 2188.942+/-0.785 χ^2/NDF : 664599.2/9

In: 2198.719+/-1.174 χ^2/NDF : 546167.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.942+/-0.785 χ^2/NDF : 664599.2/9

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1682.172 $\pm$ 1013.343 χ^2 /NDF: 2.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -398.765 $\pm$ 1006.033 χ^2 /NDF: 2.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

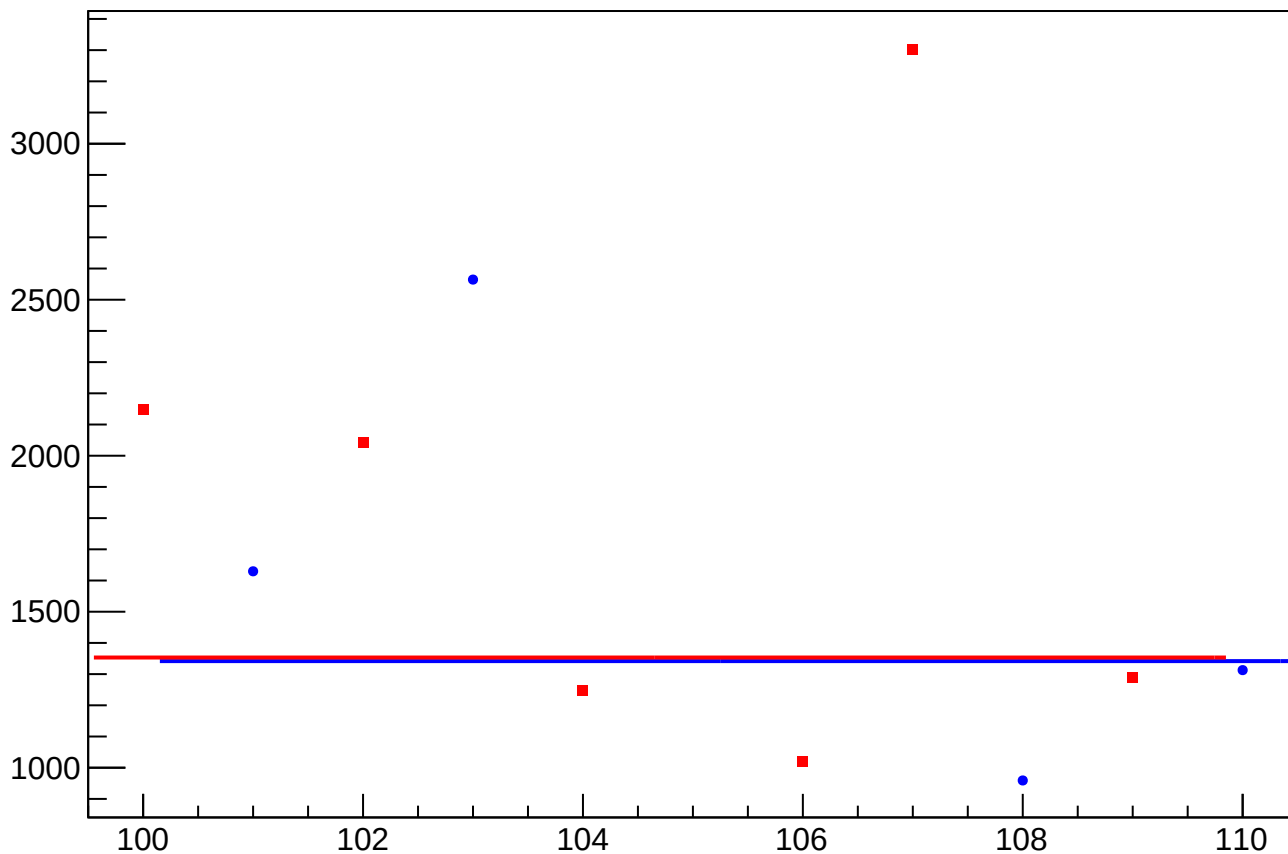
Right: -1035.822 $\pm$ 713.943 χ^2 /NDF: 5.7/9

In: -1682.172 $\pm$ 1013.343 χ^2 /NDF:2.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1035.822 $\pm$ 713.943 χ^2 /NDF: 5.7/9

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1341.688+/-0.717 χ^2/NDF : 408857.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.191+/-0.711 χ^2/NDF : 377830.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

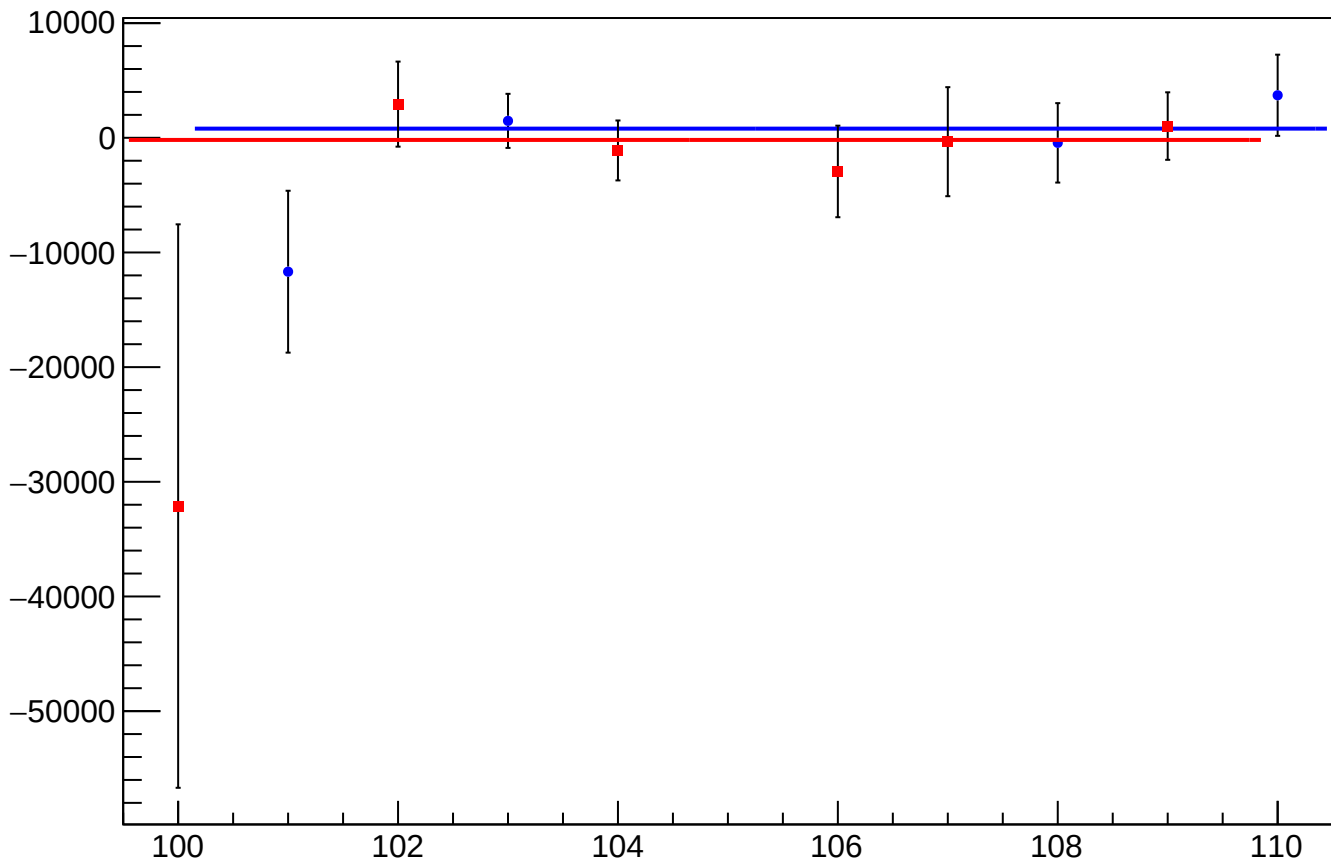
Right: 1347.481+/-0.505 χ^2/NDF : 786817.0/9

In: 1341.688+/-0.717 χ^2/NDF : 408857.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.481+/-0.505 χ^2/NDF : 786817.0/9

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 799.768+/-1659.699 χ^2/NDF : 4.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -185.750+/-1502.175 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

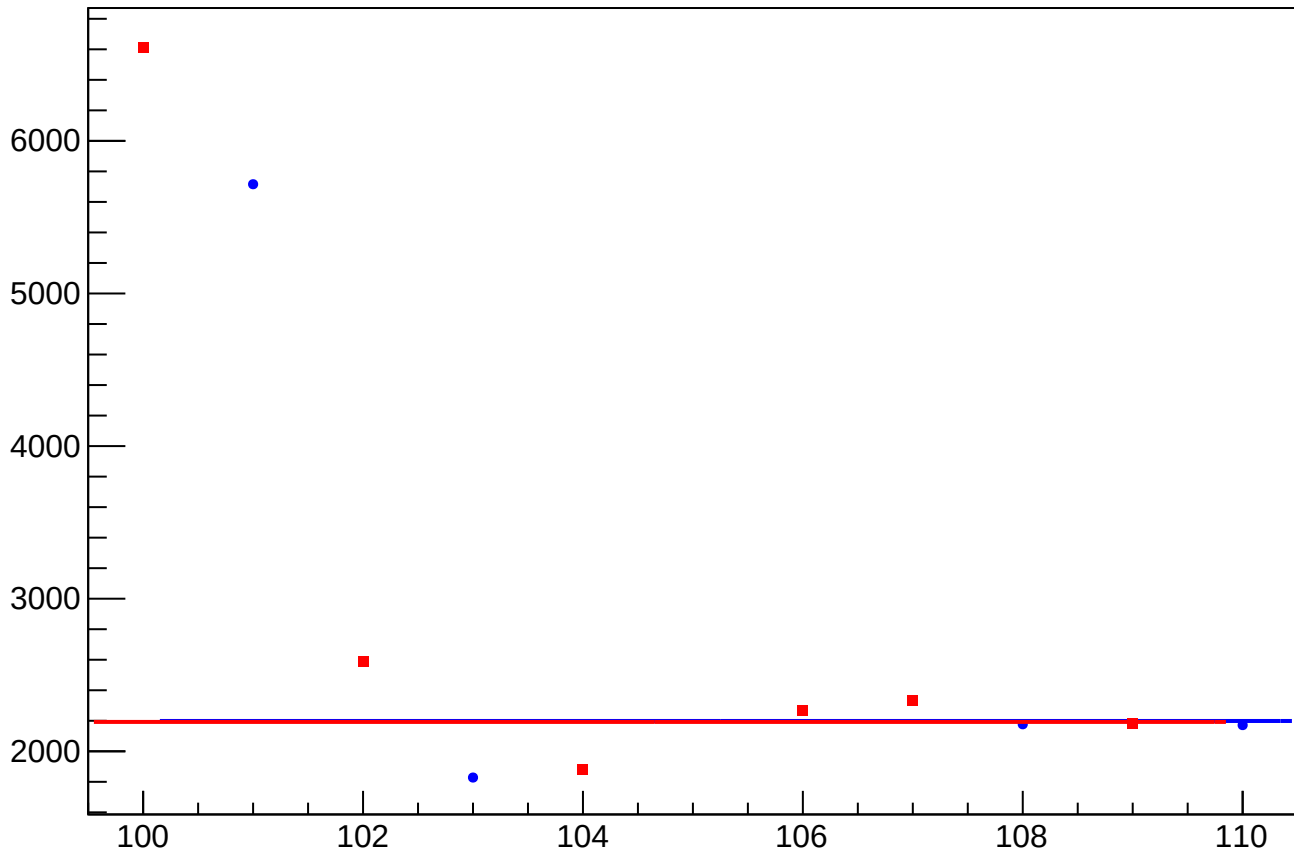
Right: 258.032+/-1113.735 χ^2/NDF : 7.4/9

In: 799.768+/-1659.699 χ^2/NDF : 4.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.032+/-1113.735 χ^2/NDF : 7.4/9

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2198.720+/-1.174 χ^2/NDF : 546167.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2192.553+/-1.062 χ^2/NDF : 119158.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

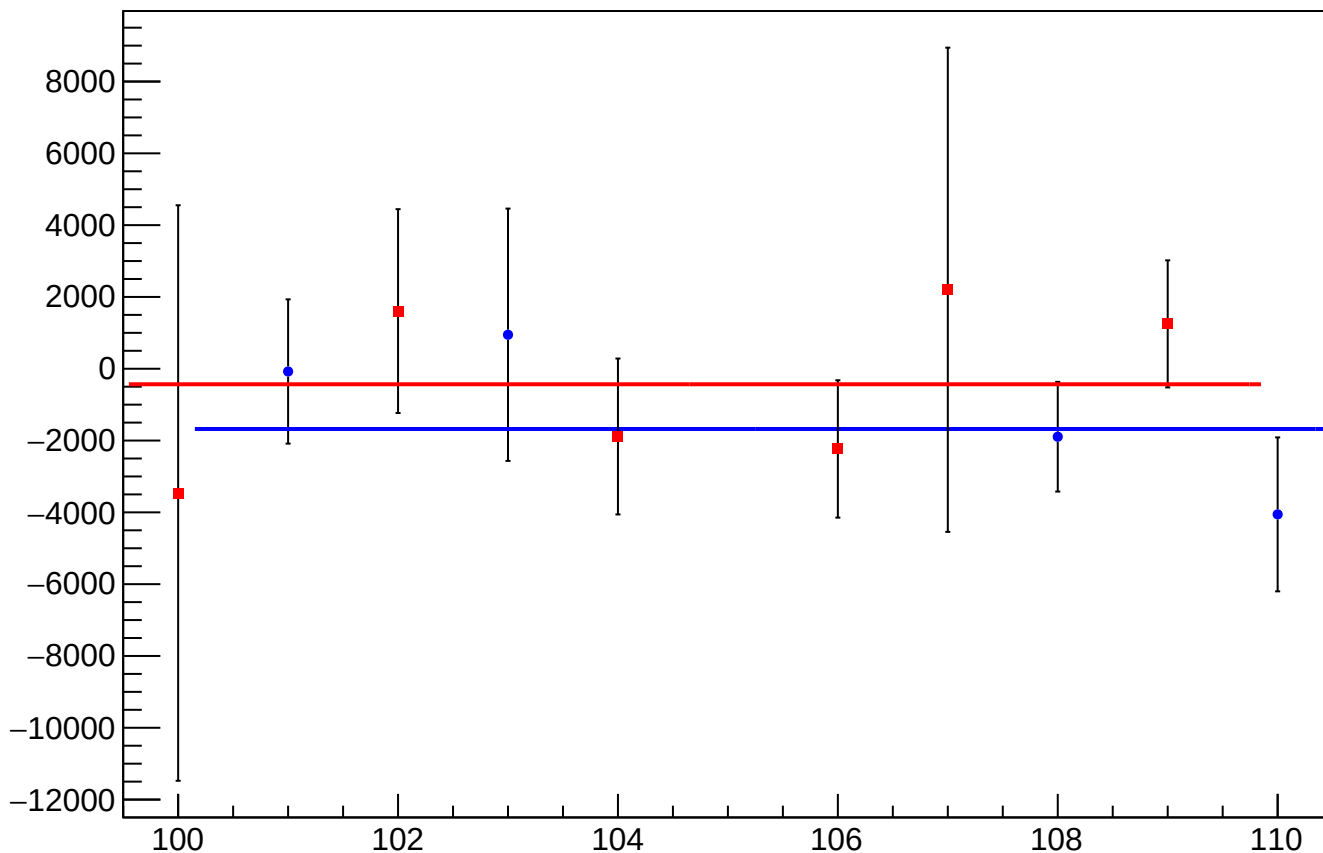
Right: 2195.330+/-0.788 χ^2/NDF : 665340.9/9

In: 2198.720+/-1.174 χ^2/NDF : 546167.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2195.330+/-0.788 χ^2/NDF : 665340.9/9

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1678.284+/-1012.959 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -432.337+/-1017.289 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

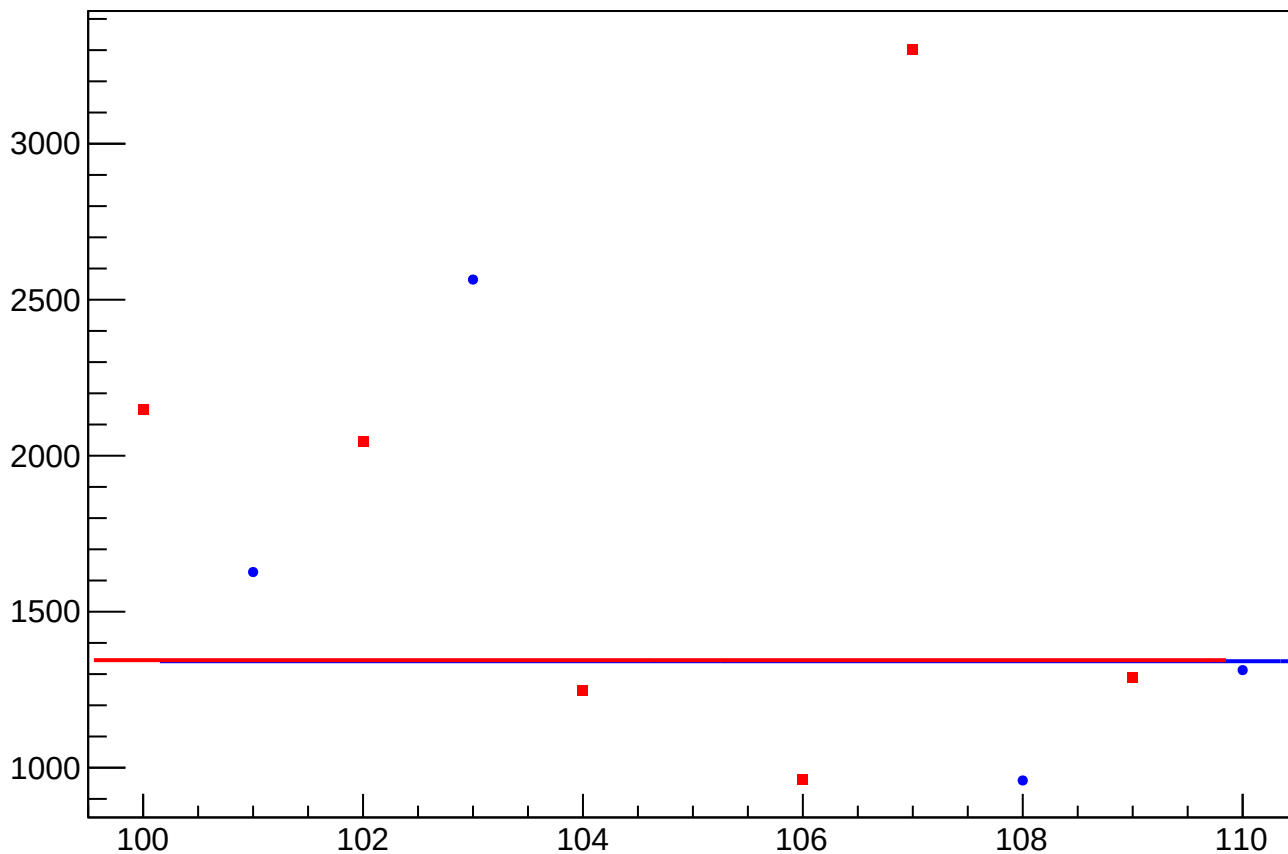
Right: -1057.968+/-717.796 χ^2/NDF : 6.2/9

In: -1678.284+/-1012.959 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1057.968+/-717.796 χ^2/NDF : 6.2/9

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1341.282+/-0.716 χ^2/NDF : 408349.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.670+/-0.719 χ^2/NDF : 397272.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

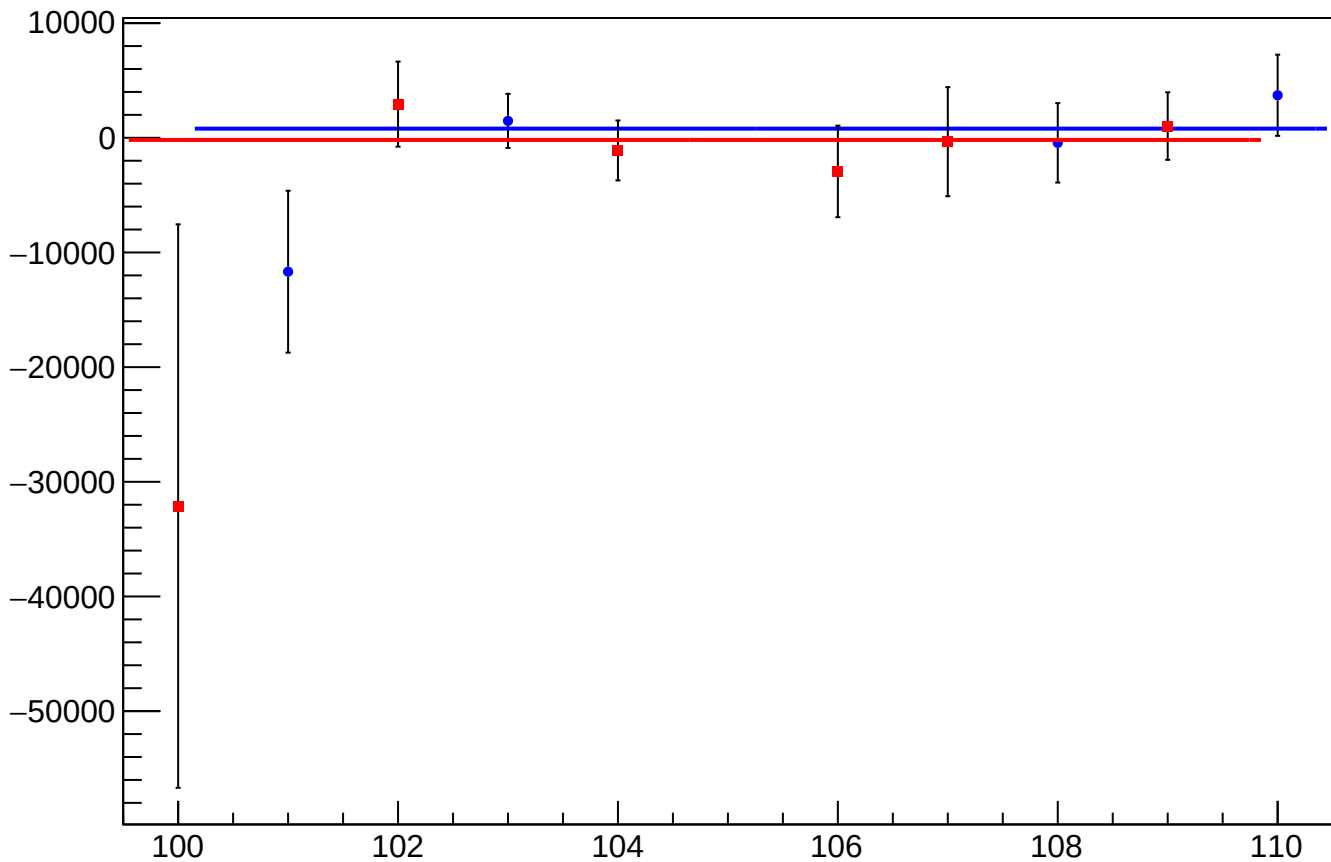
Right: 1342.969+/-0.508 χ^2/NDF : 805632.8/9

In: 1341.282+/-0.716 χ^2/NDF : 408349.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1342.969+/-0.508 χ^2/NDF : 805632.8/9

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 799.768+/-1659.699 χ^2 /NDF: 4.0/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -185.750+/-1502.175 χ^2 /NDF: 3.2/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

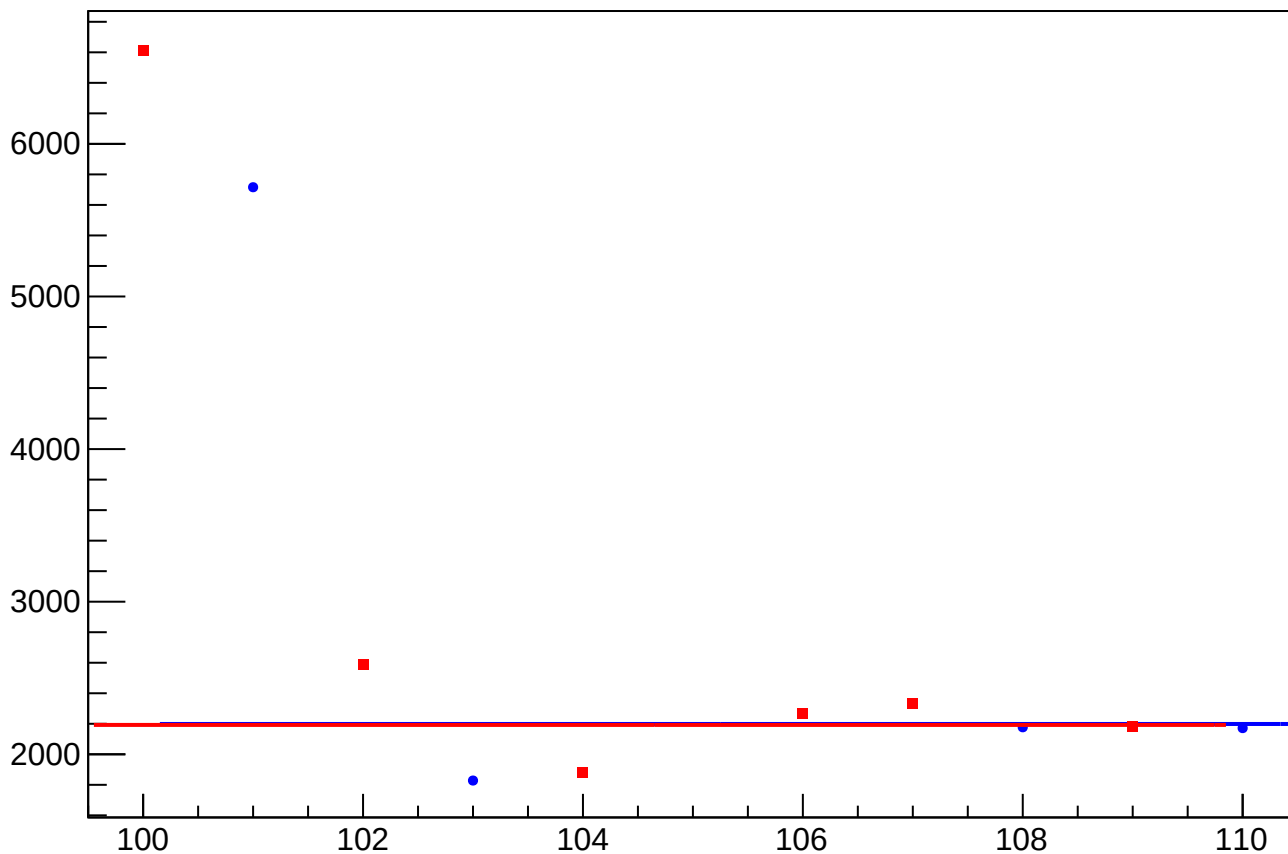
Right: 258.032+/-1113.735 χ^2 /NDF: 7.4/9

In: 799.768+/-1659.699 χ^2 /NDF:4.0/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 258.032+/-1113.735 χ^2 /NDF: 7.4/9

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2198.720+/-1.174 χ^2/NDF : 546167.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2192.553+/-1.062 χ^2/NDF : 119158.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

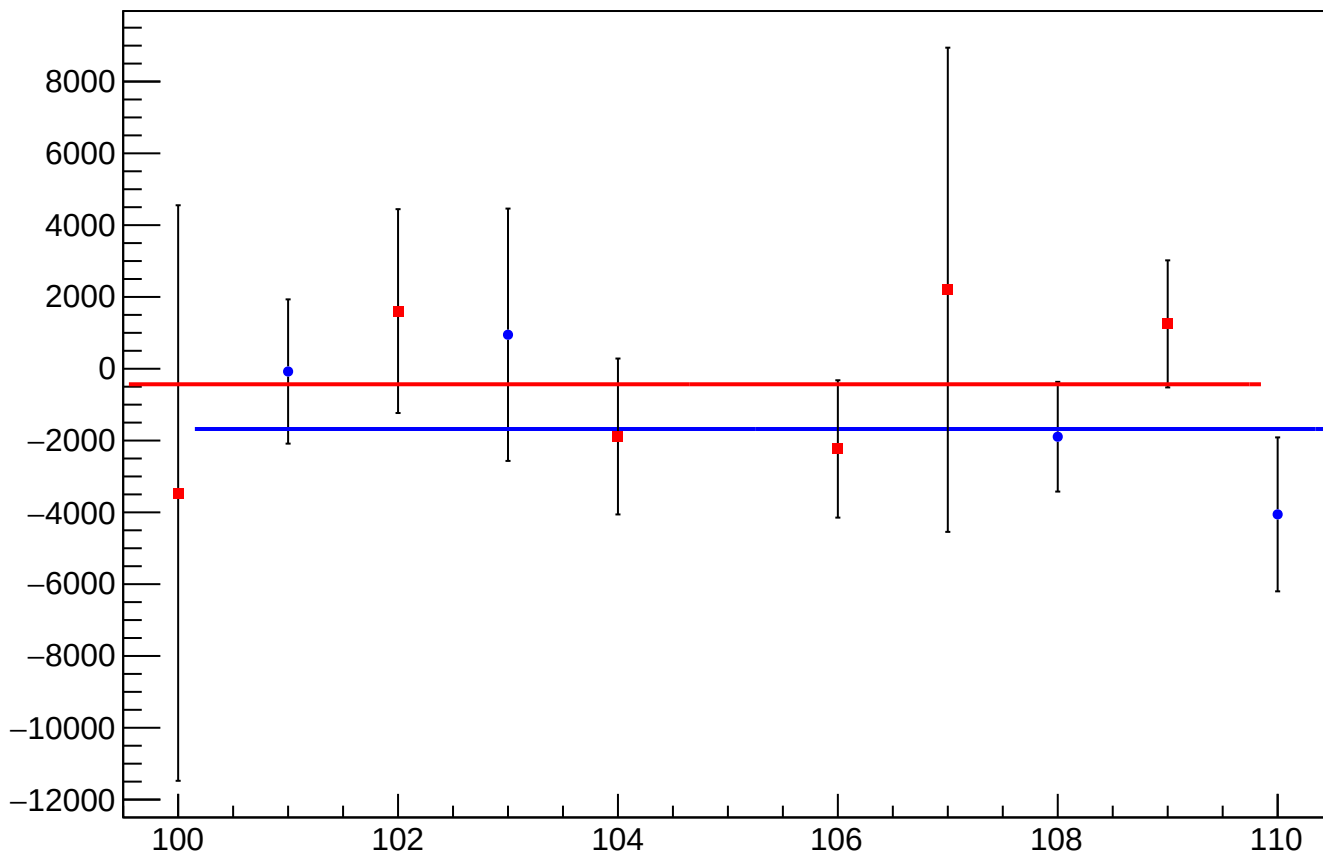
Right: 2195.330+/-0.788 χ^2/NDF : 665340.9/9

In: 2198.720+/-1.174 χ^2/NDF : 546167.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2195.330+/-0.788 χ^2/NDF : 665340.9/9

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1678.284+/-1012.959 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -432.337+/-1017.289 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

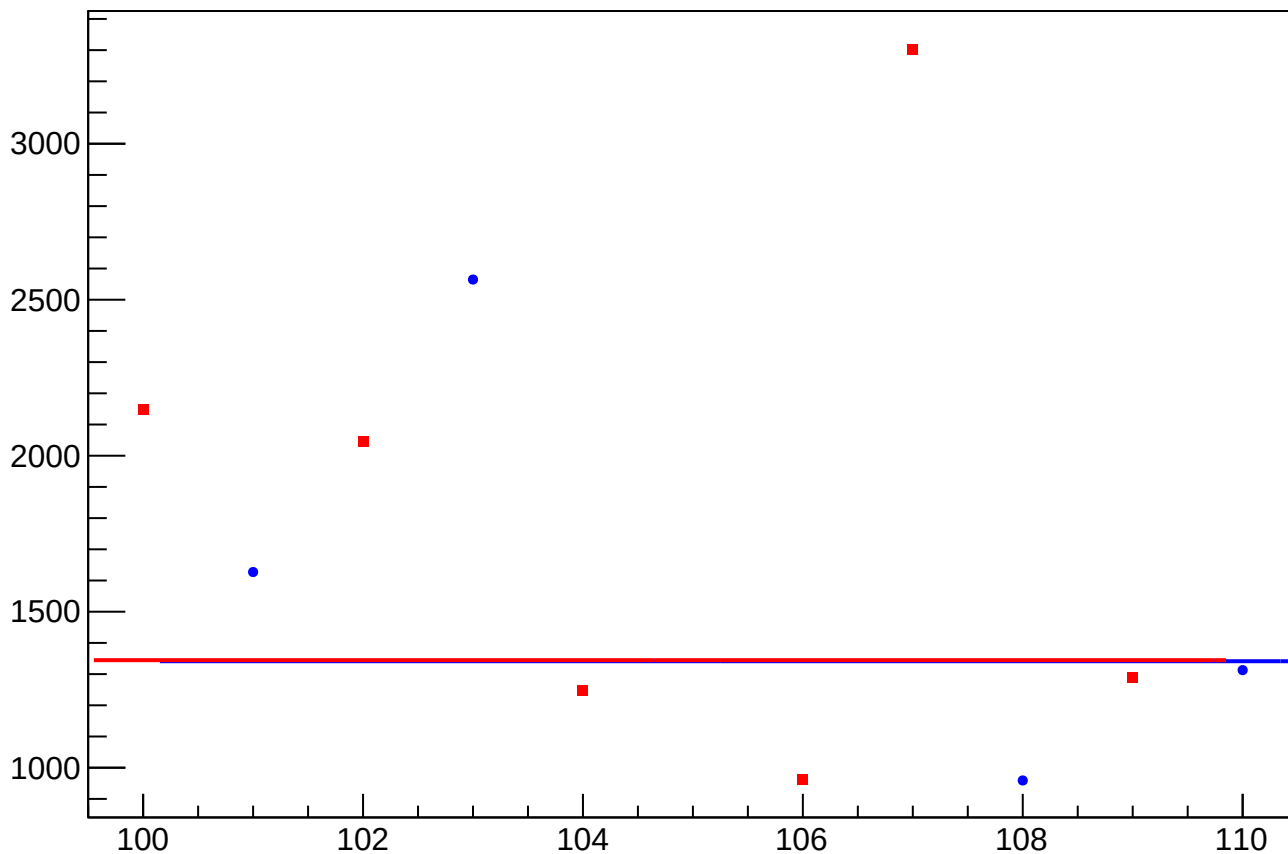
Right: -1057.968+/-717.796 χ^2/NDF : 6.2/9

In: -1678.284+/-1012.959 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1057.968+/-717.796 χ^2/NDF : 6.2/9

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1341.282+/-0.716 χ^2/NDF : 408349.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.670+/-0.719 χ^2/NDF : 397272.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

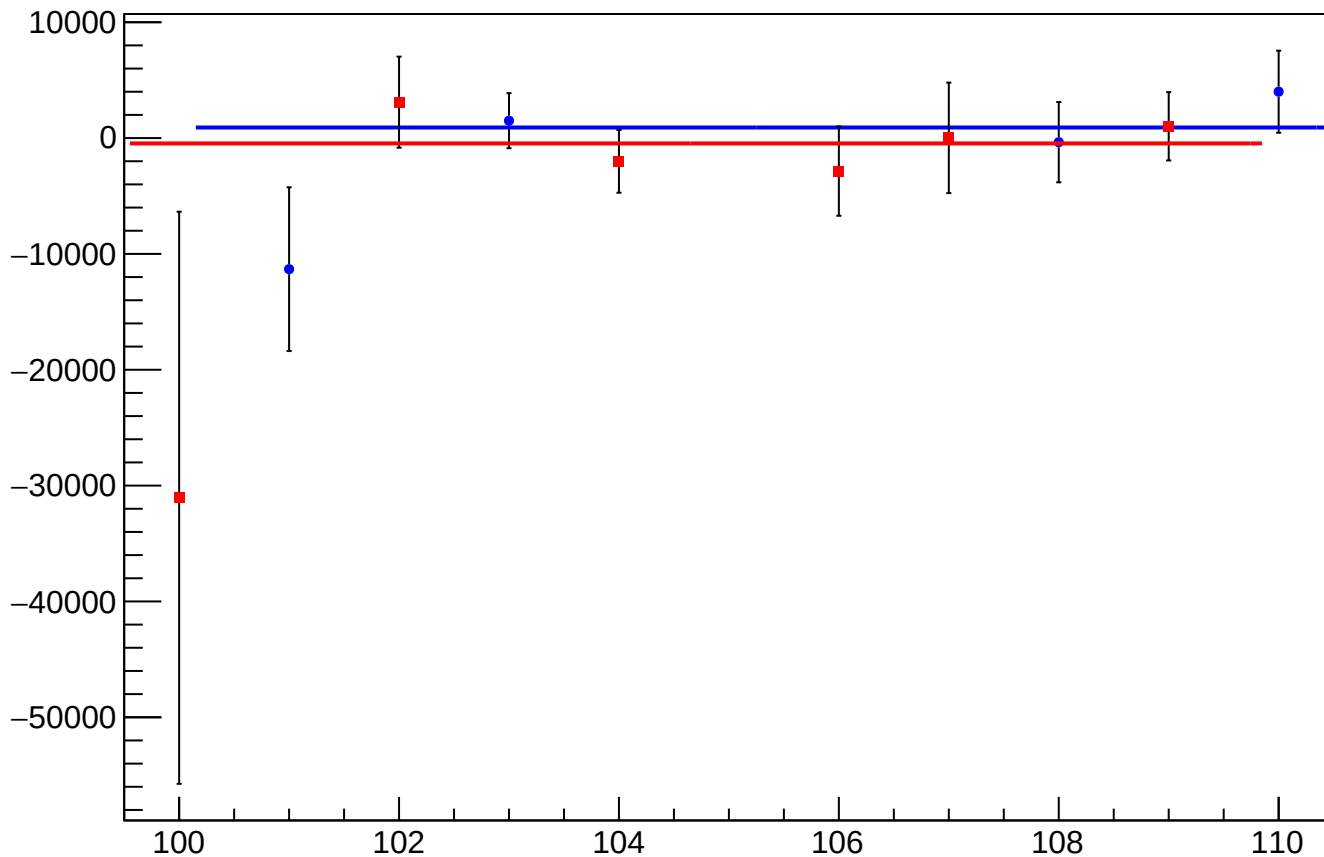
Right: 1342.969+/-0.508 χ^2/NDF : 805632.8/9

In: 1341.282+/-0.716 χ^2/NDF : 408349.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1342.969+/-0.508 χ^2/NDF : 805632.8/9

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 913.369+/-1666.419 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -461.682+/-1526.953 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

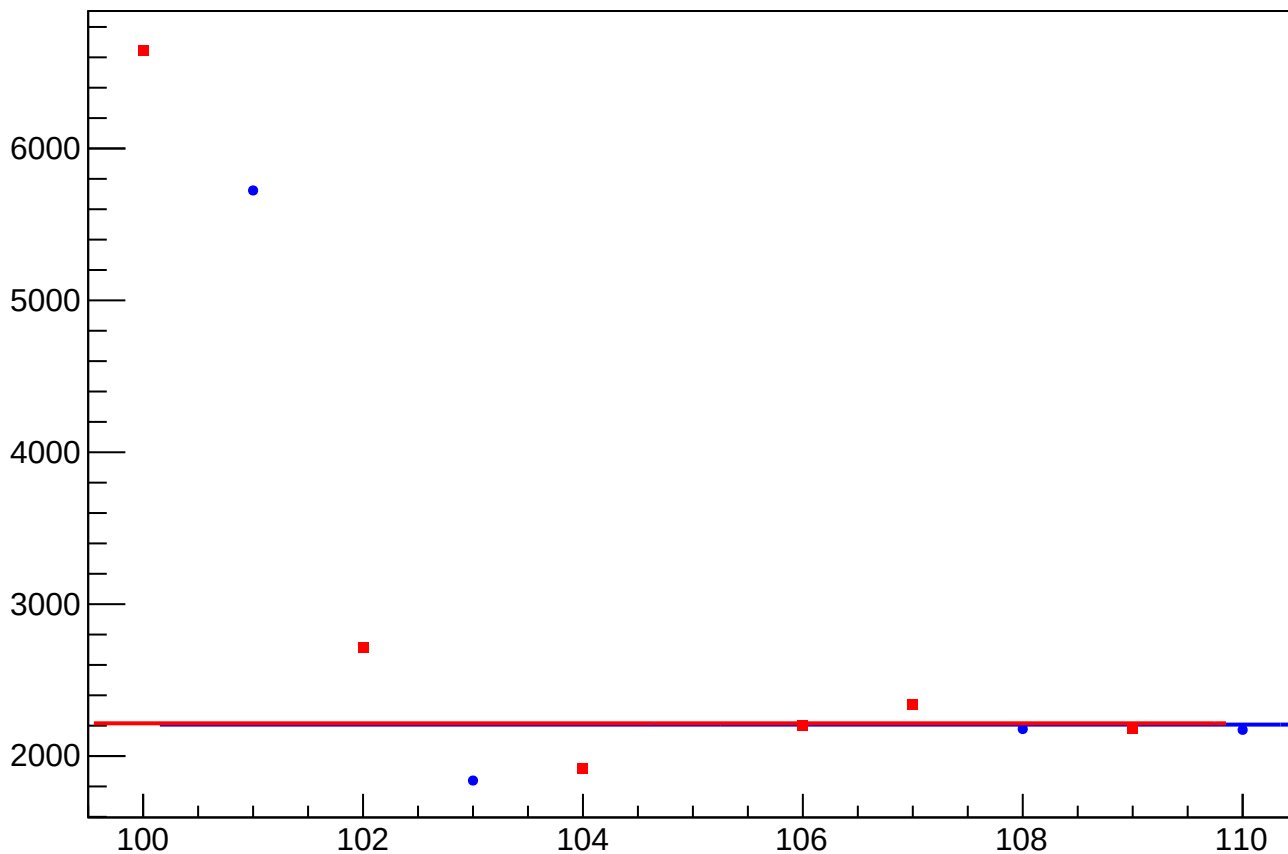
Right: 165.904+/-1125.801 χ^2/NDF : 7.6/9

In: 913.369+/-1666.419 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.904+/-1125.801 χ^2/NDF : 7.6/9

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2207.181+/-1.178 χ^2/NDF : 543373.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2215.599+/-1.080 χ^2/NDF : 121772.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

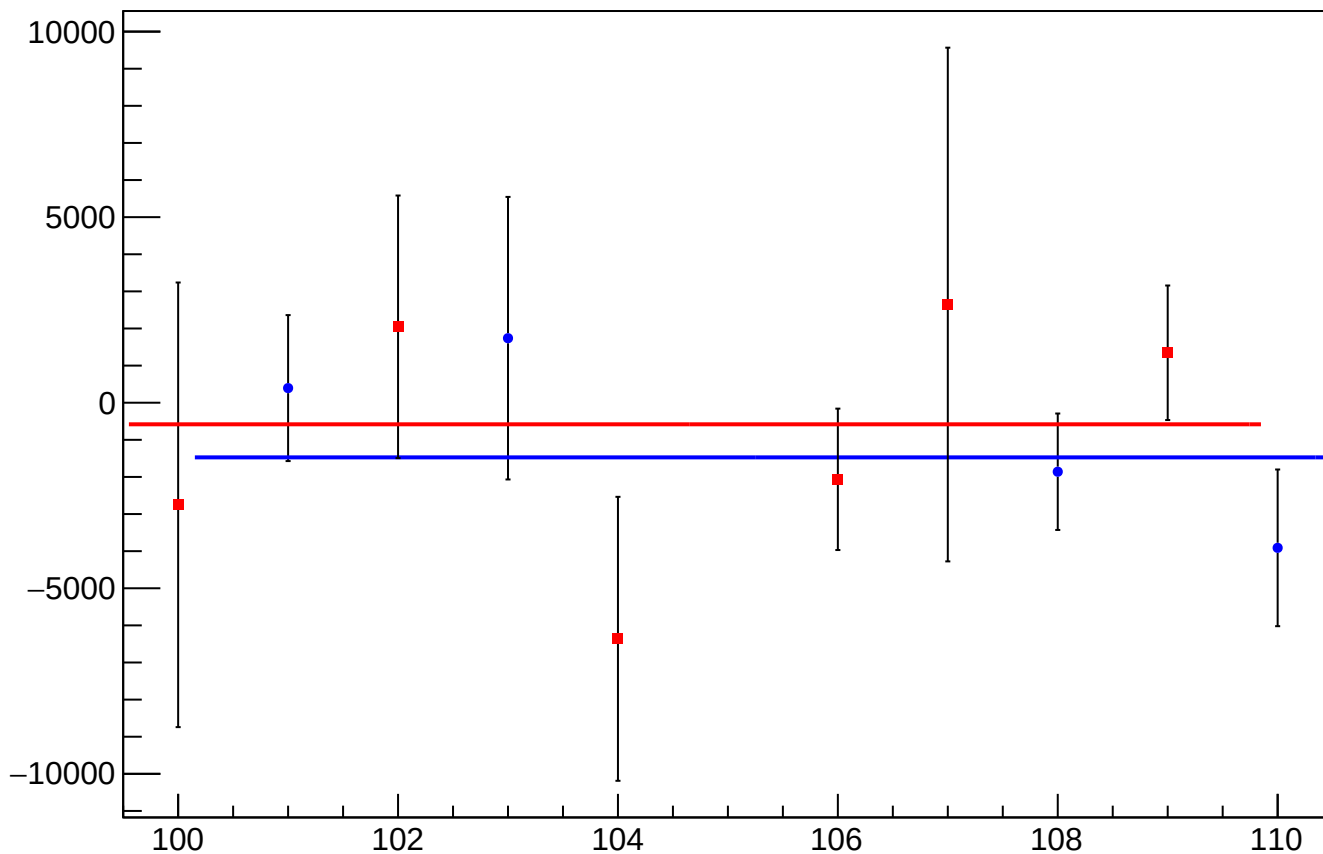
Right: 2211.757+/-0.796 χ^2/NDF : 665173.1/9

In: 2207.181+/-1.178 χ^2/NDF : 543373.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2211.757+/-0.796 χ^2/NDF : 665173.1/9

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1472.780+/-1021.518 χ^2/NDF : 3.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -581.766+/-1134.524 χ^2/NDF : 4.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

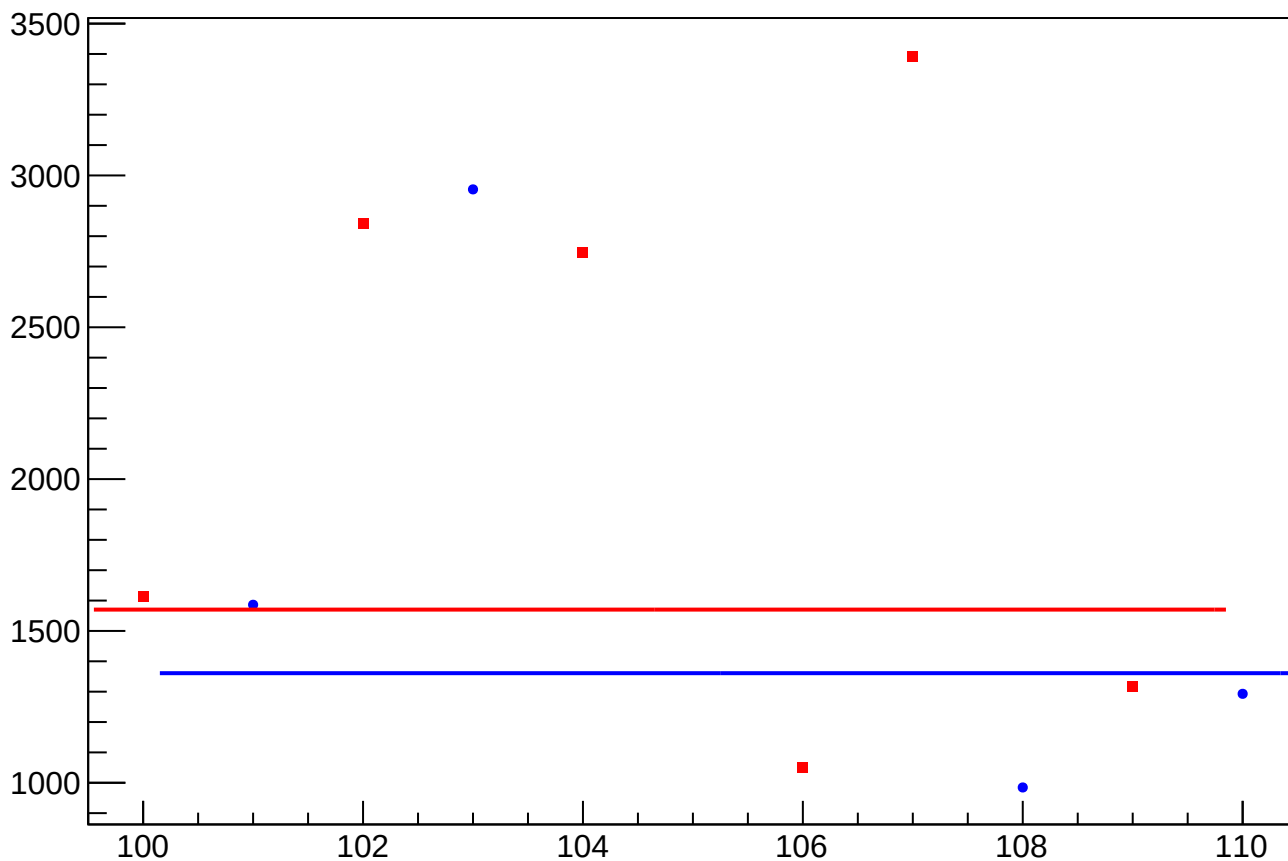
Right: -1073.846+/-759.140 χ^2/NDF : 8.3/9

In: -1472.780+/-1021.518 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1073.846+/-759.140 χ^2/NDF : 8.3/9

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1360.889+/-0.722 χ^2/NDF : 493725.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1570.266+/-0.802 χ^2/NDF : 775526.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

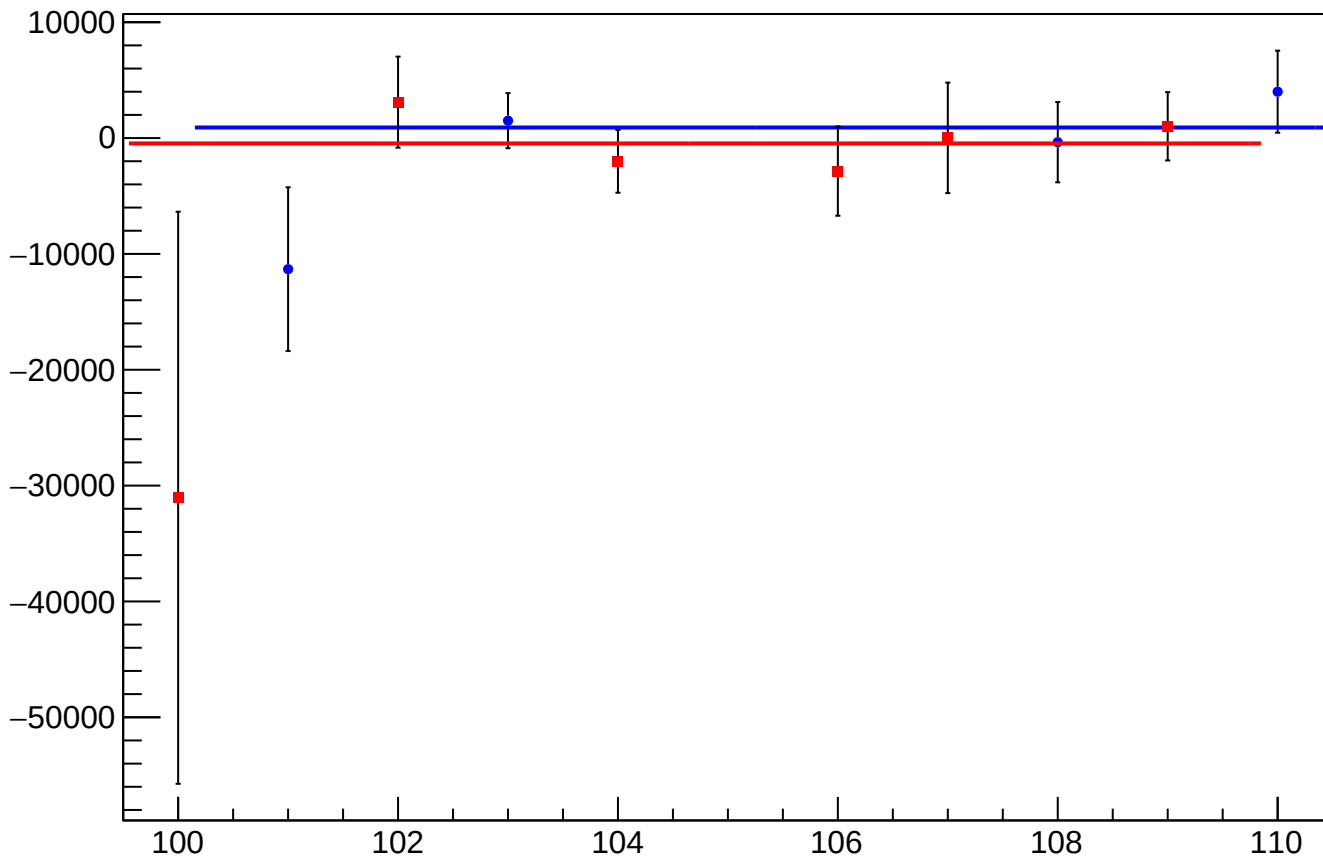
Right: 1454.633+/-0.537 χ^2/NDF : 1306871.5/9

In: 1360.889+/-0.722 χ^2/NDF : 493725.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1454.633+/-0.537 χ^2/NDF : 1306871.5/9

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 913.366+/-1666.419 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -461.683+/-1526.953 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

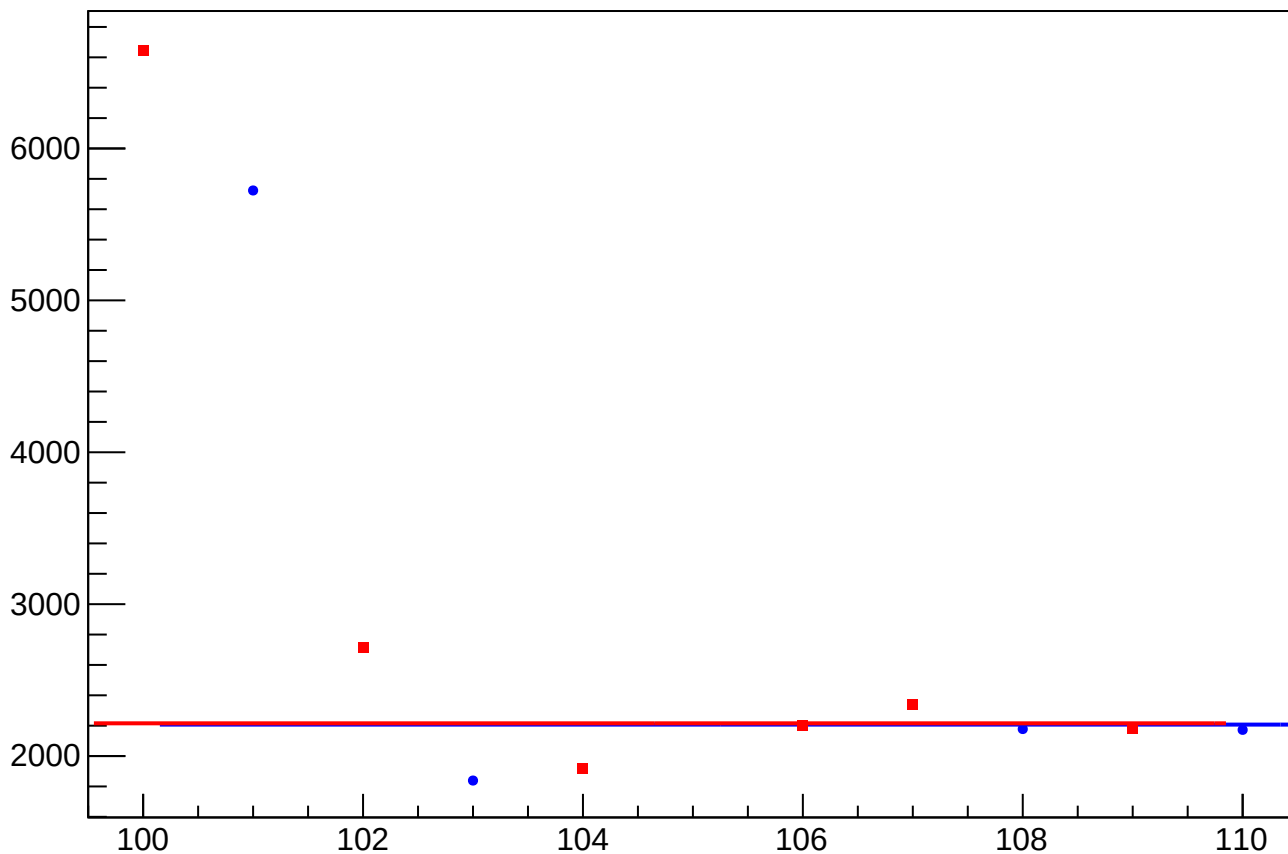
Right: 165.902+/-1125.801 χ^2/NDF : 7.6/9

In: 913.366+/-1666.419 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.902+/-1125.801 χ^2/NDF : 7.6/9

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2207.180+/-1.178 χ^2/NDF : 543373.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2215.598+/-1.080 χ^2/NDF : 121772.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

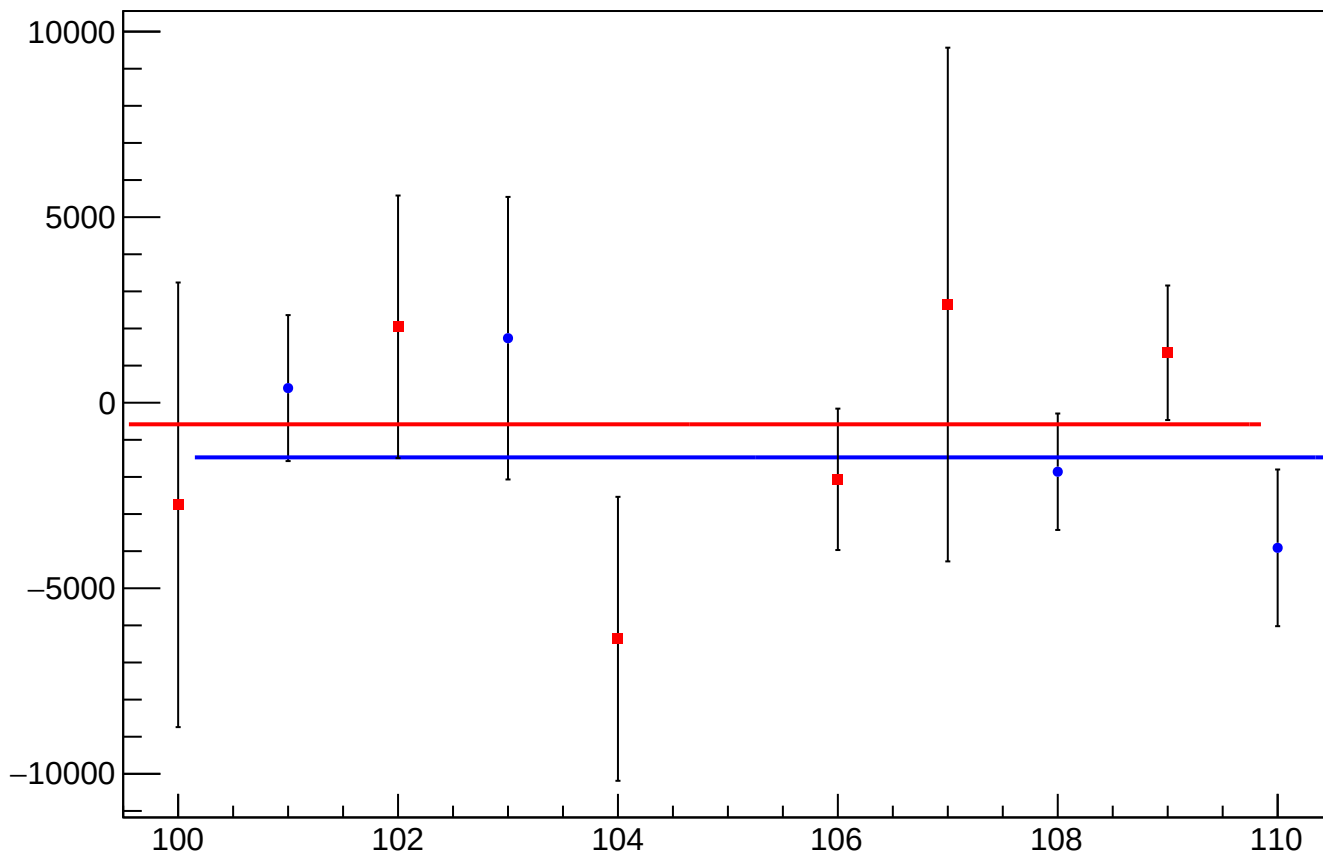
Right: 2211.756+/-0.796 χ^2/NDF : 665173.2/9

In: 2207.180+/-1.178 χ^2/NDF : 543373.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2211.756+/-0.796 χ^2/NDF : 665173.2/9

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1472.781+/-1021.517 χ^2/NDF : 3.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -581.761+/-1134.522 χ^2/NDF : 4.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

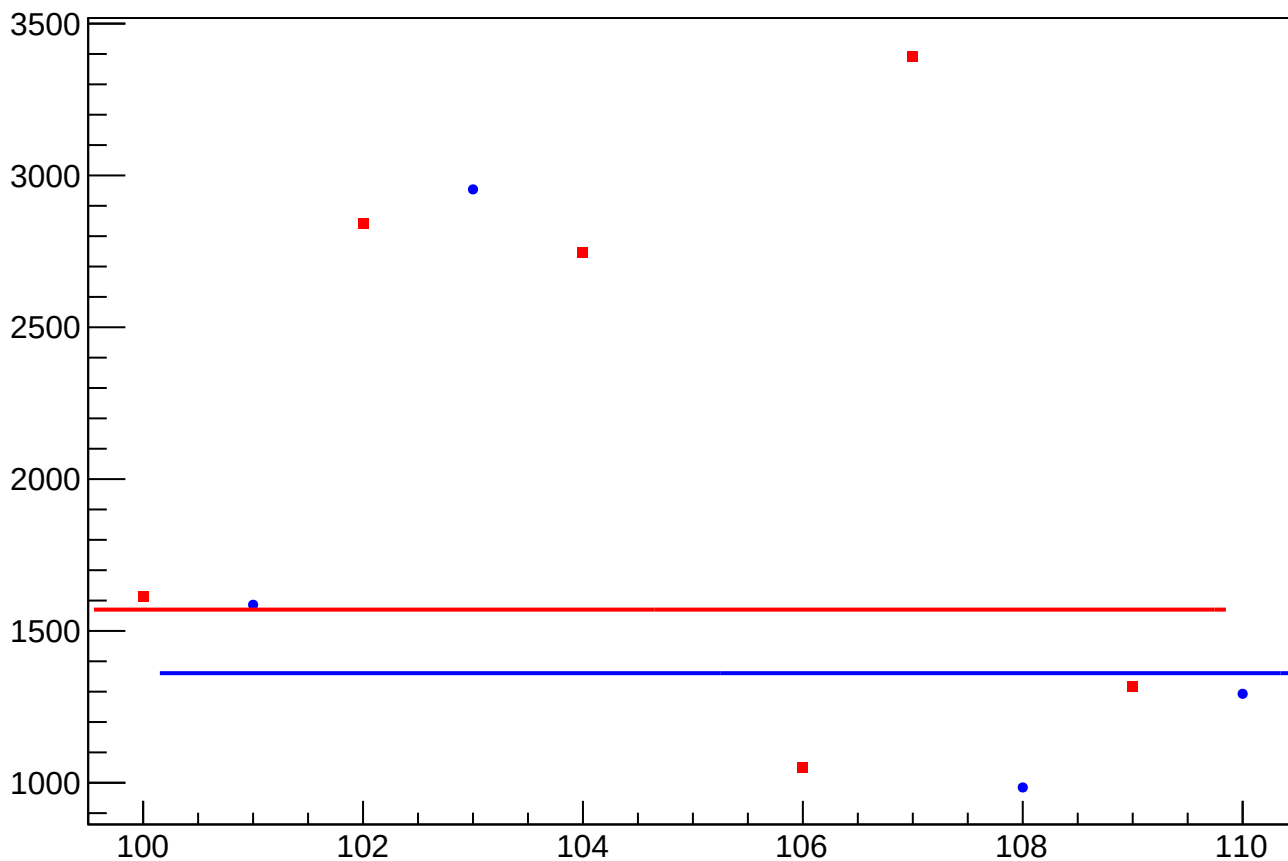
Right: -1073.845+/-759.139 χ^2/NDF : 8.3/9

In: -1472.781+/-1021.517 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1073.845+/-759.139 χ^2/NDF : 8.3/9

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1360.886+/-0.722 χ^2/NDF : 493729.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1570.262+/-0.802 χ^2/NDF : 775531.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

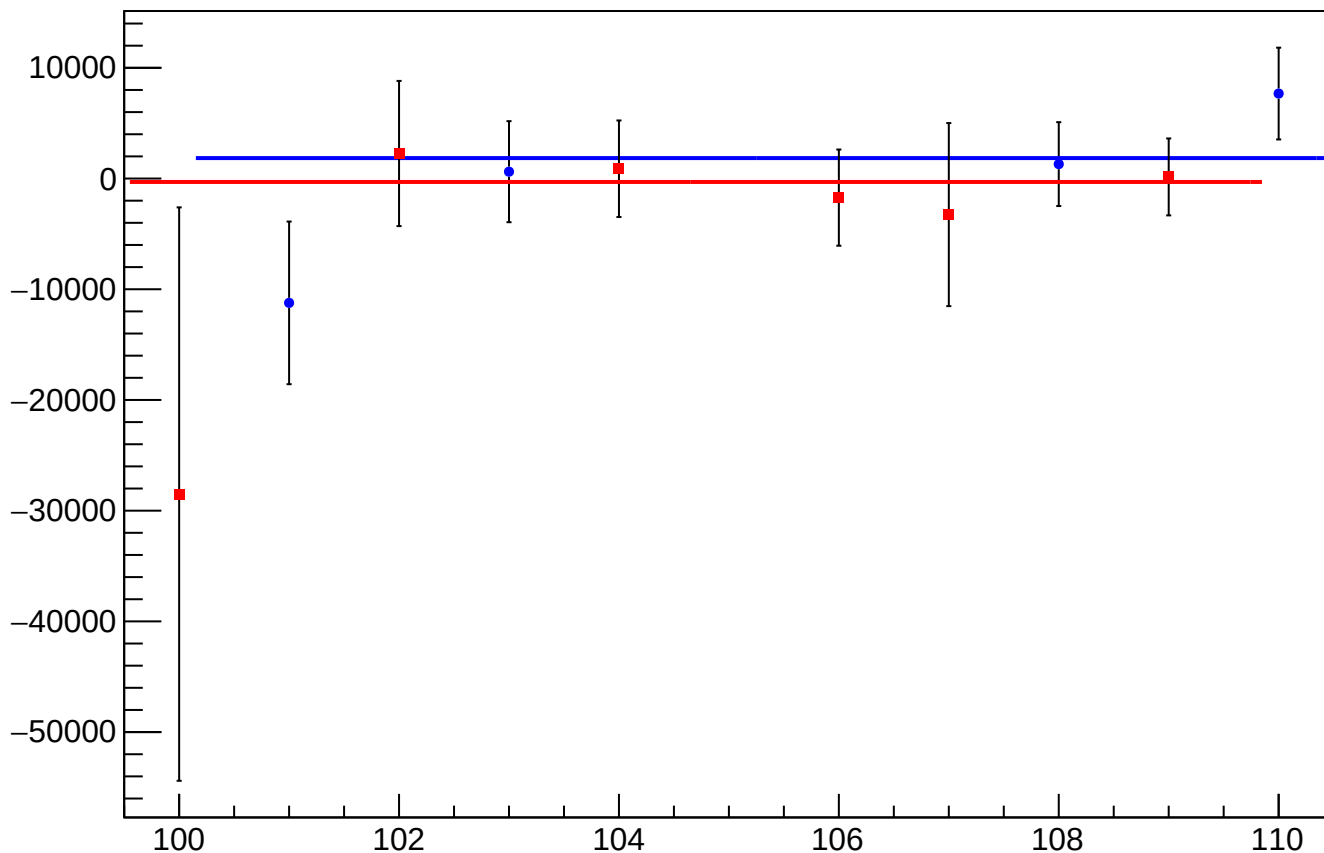
Right: 1454.630+/-0.537 χ^2/NDF : 1306880.0/9

In: 1360.886+/-0.722 χ^2/NDF : 493729.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1454.630+/-0.537 χ^2/NDF : 1306880.0/9

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 1846.850+/-2267.871 χ^2/NDF : 5.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -308.995+/-2095.283 χ^2/NDF : 1.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

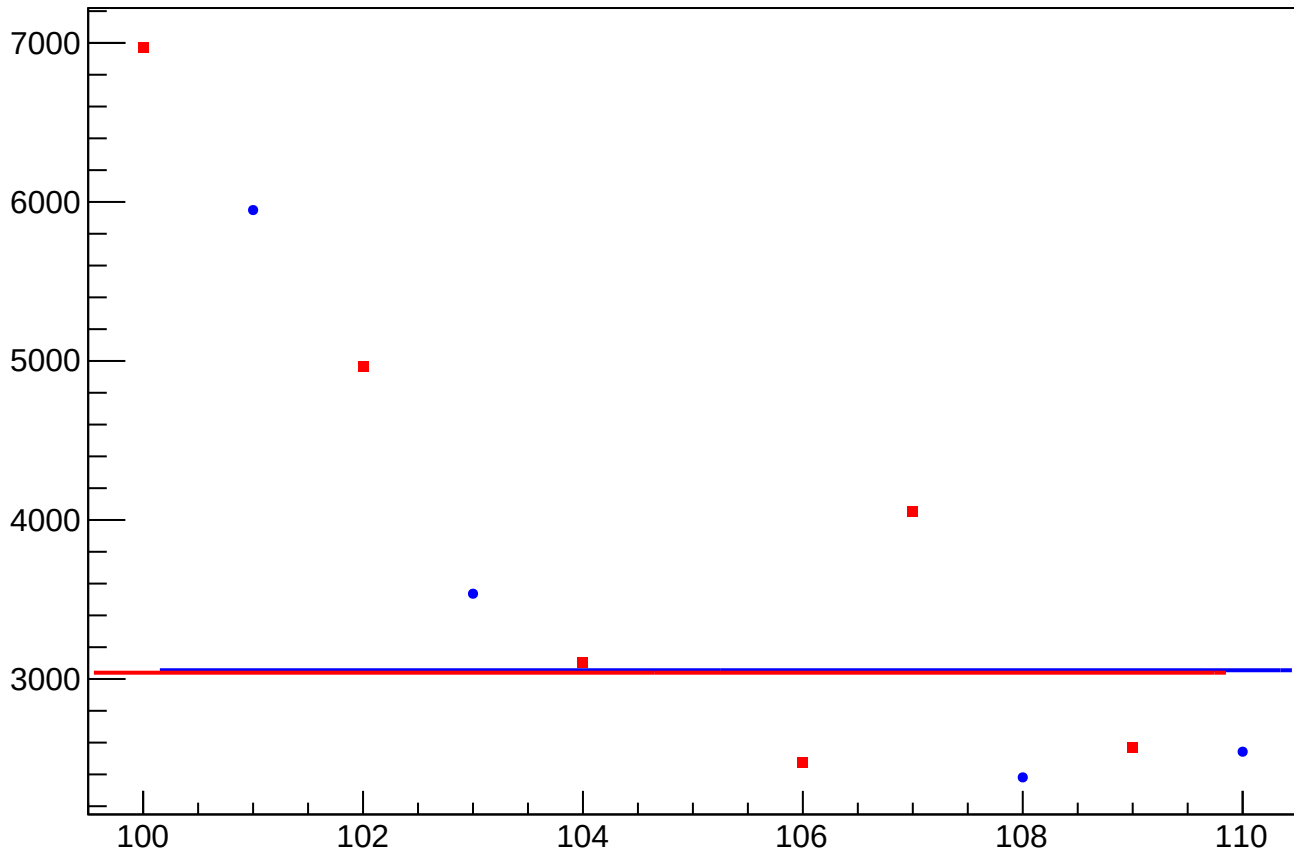
Right: 683.784+/-1538.991 χ^2/NDF : 7.4/9

In: 1846.850+/-2267.871 χ^2/NDF : 5.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 683.784+/-1538.991 χ^2/NDF : 7.4/9

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 3054.986+/-1.604 χ^2/NDF : 426477.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3039.625+/-1.482 χ^2/NDF : 320145.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

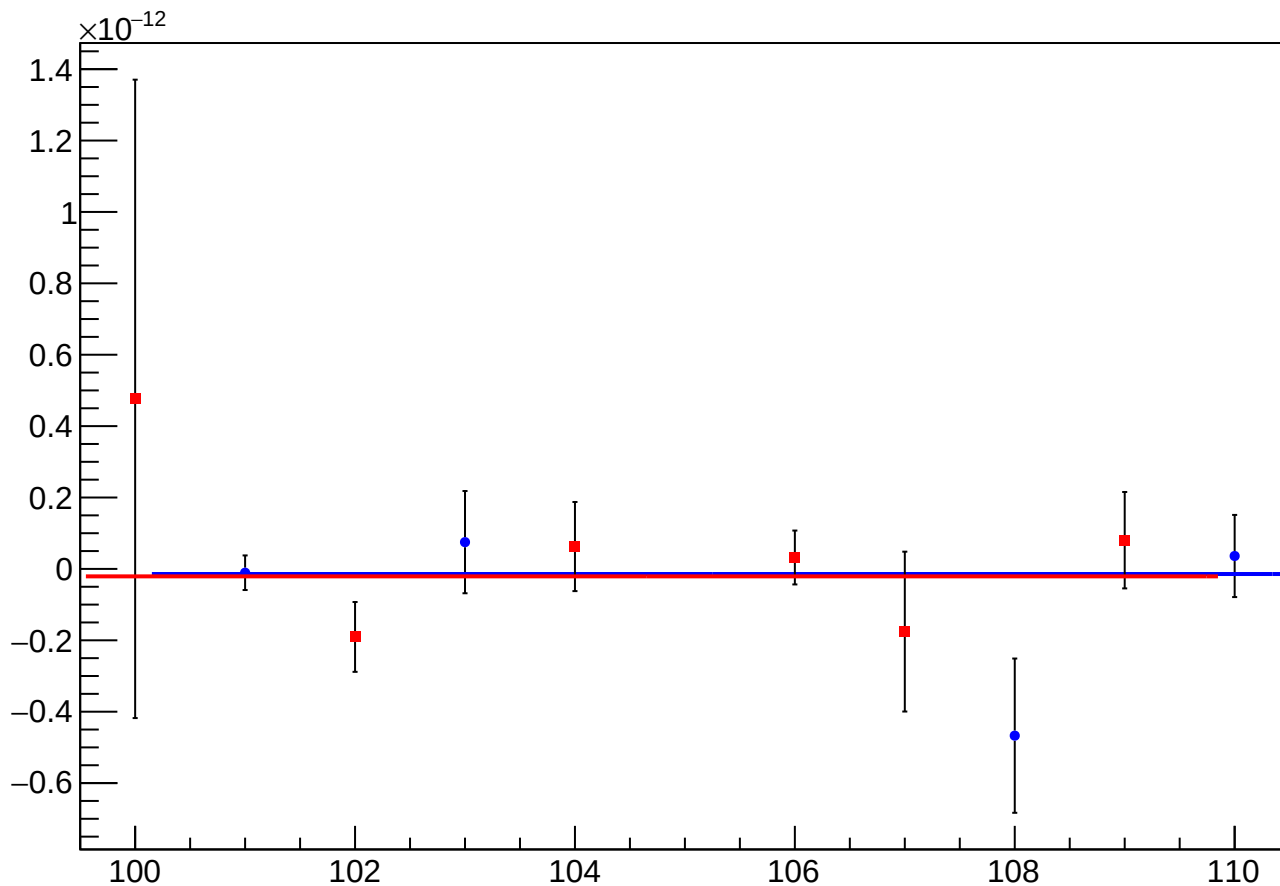
Right: 3046.699+/-1.088 χ^2/NDF : 746672.1/9

In: 3054.986+/-1.604 χ^2/NDF : 426477.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3046.699+/-1.088 χ^2/NDF : 746672.1/9

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

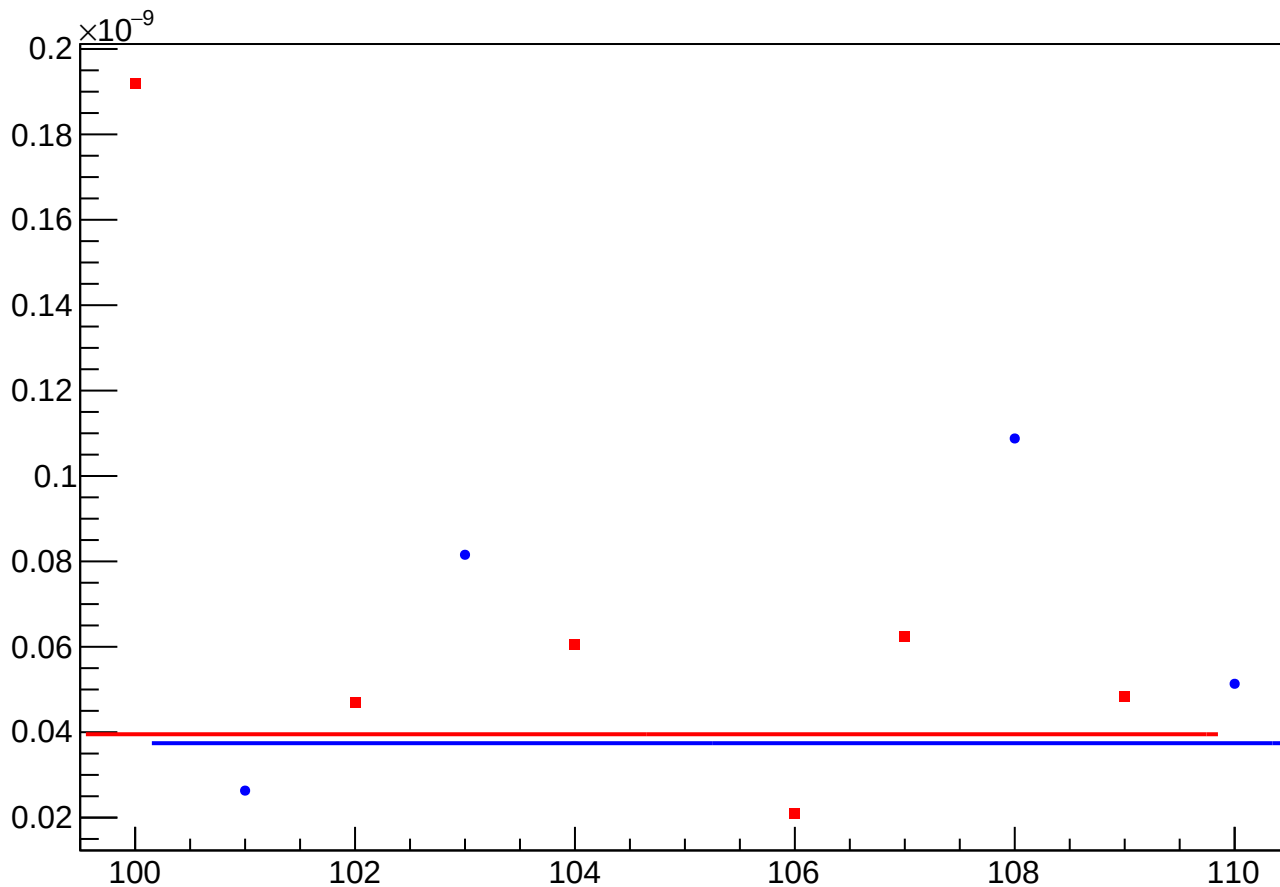
Right: -0.000+/-0.000 χ^2/NDF : 10.3/9

In: -0.000+/-0.000 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.3/9

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 542376.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 276962.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

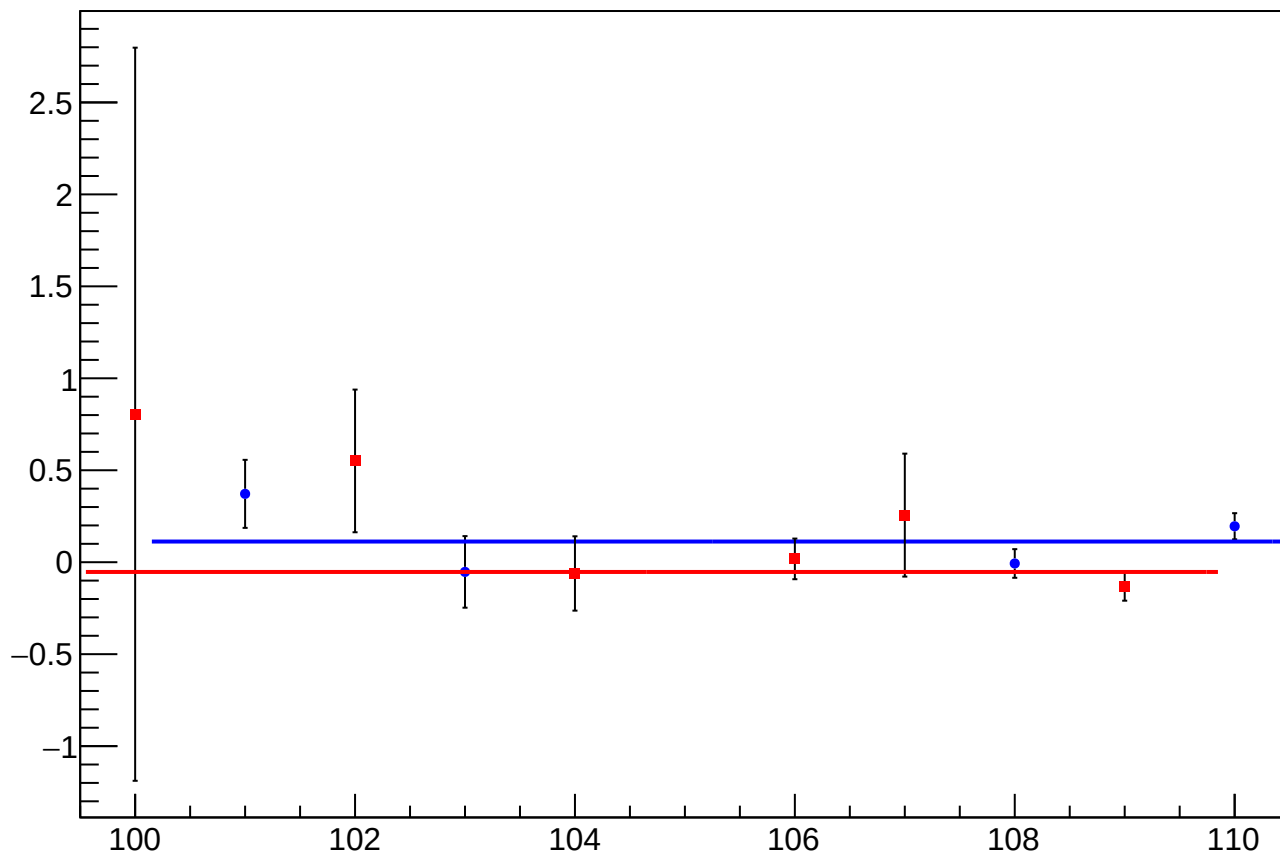
Right: 0.000+/-0.000 χ^2/NDF : 821467.2/9

In: 0.000+/-0.000 χ^2/NDF : 542376.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 821467.2/9

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.112+/-0.049 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.053+/-0.059 χ^2/NDF : 4.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

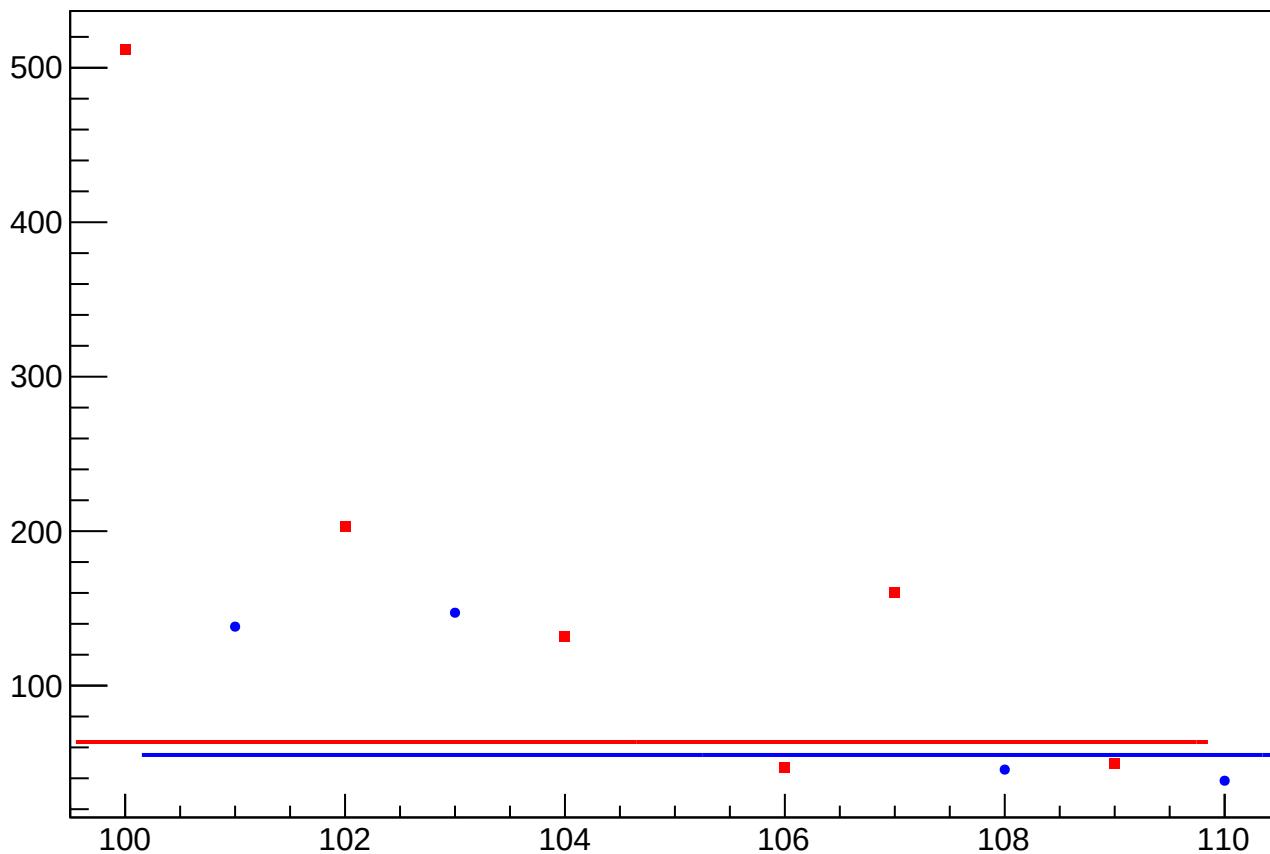
Right: 0.045+/-0.038 χ^2/NDF : 15.9/9

In: 0.112+/-0.049 χ^2/NDF : 6.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.038 χ^2/NDF : 15.9/9

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.099+/-0.035 χ^2/NDF : 991342.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.488+/-0.042 χ^2/NDF : 866162.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

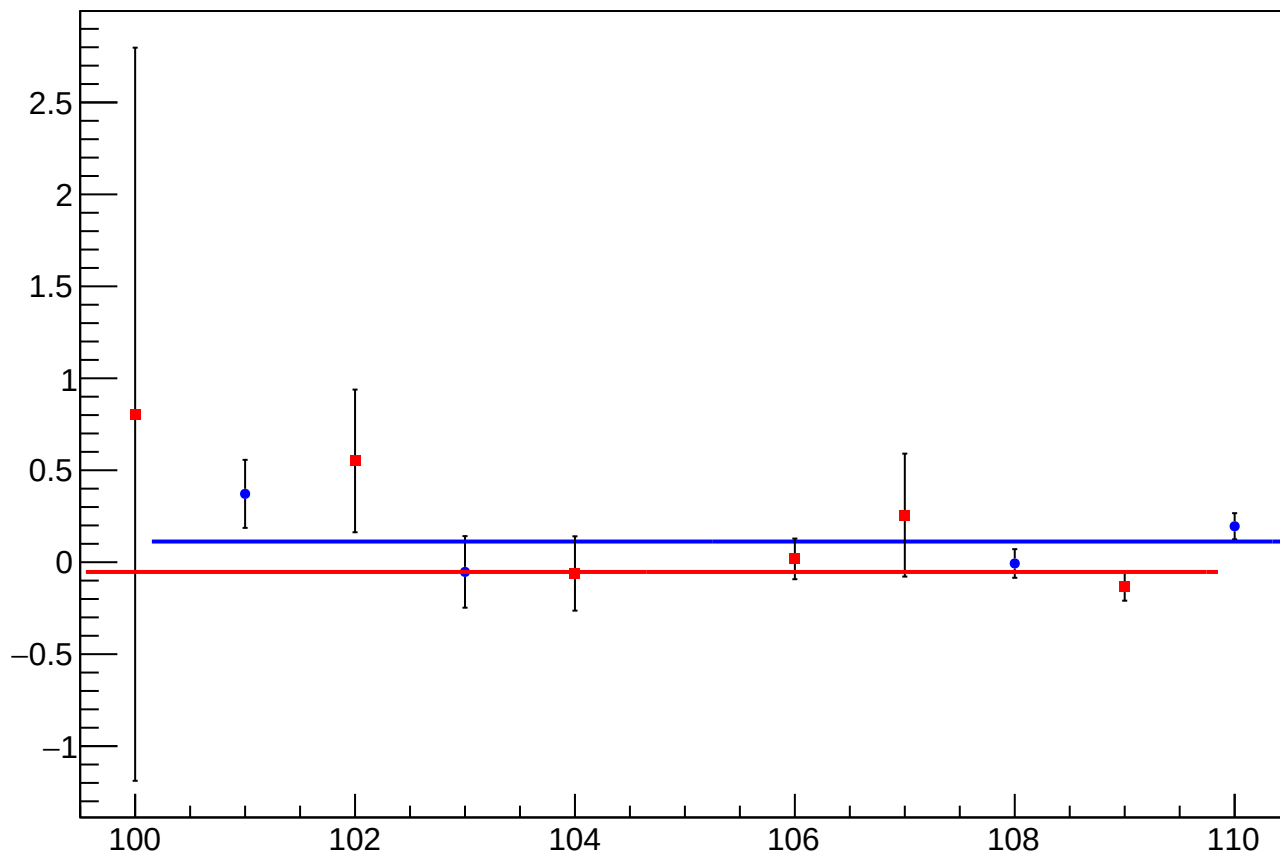
Right: 58.495+/-0.027 χ^2/NDF : 1881344.4/9

In: 55.099+/-0.035 χ^2/NDF : 991342.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.495+/-0.027 χ^2/NDF : 1881344.4/9

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.112+/-0.049 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.053+/-0.059 χ^2/NDF : 4.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

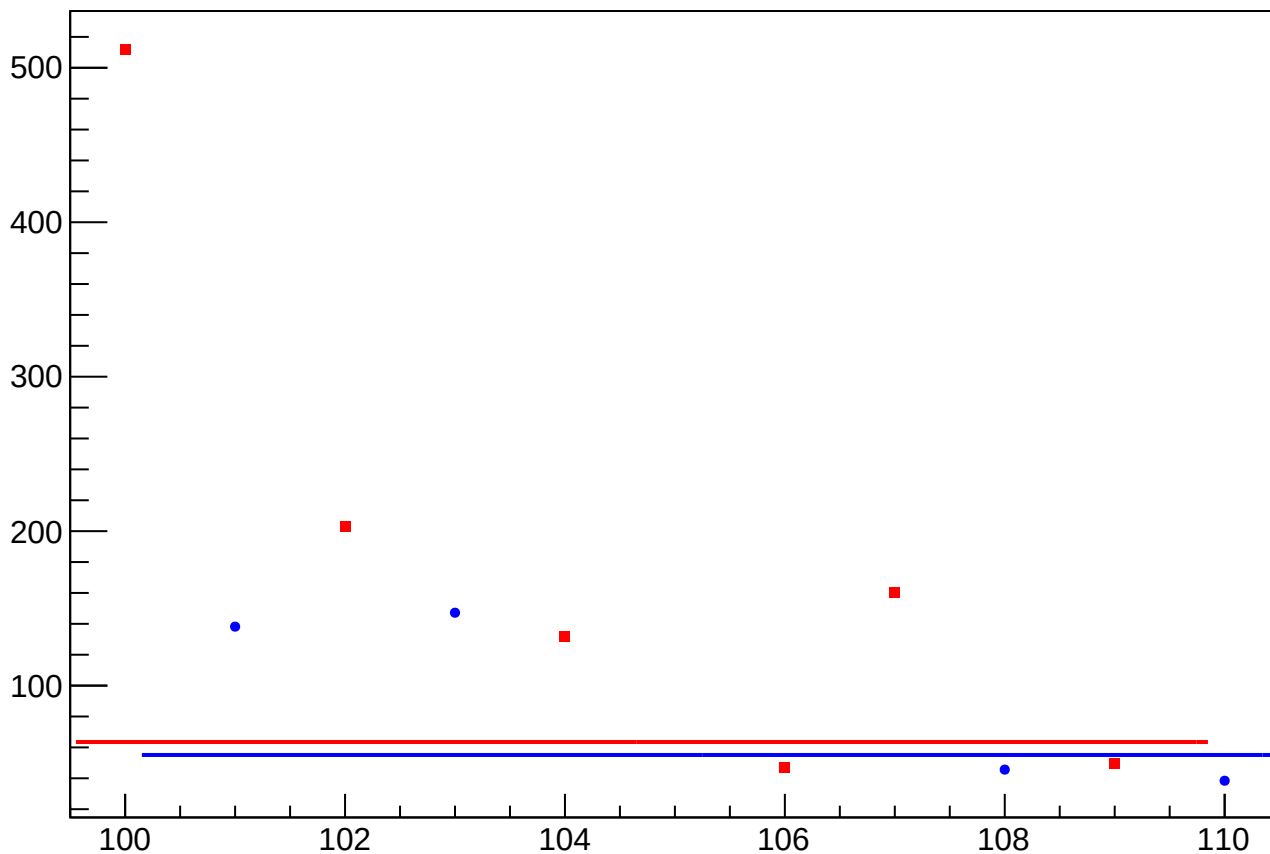
Right: 0.045+/-0.038 χ^2/NDF : 15.9/9

In: 0.112+/-0.049 χ^2/NDF : 6.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.038 χ^2/NDF : 15.9/9

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.099+/-0.035 χ^2/NDF : 991342.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.488+/-0.042 χ^2/NDF : 866162.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

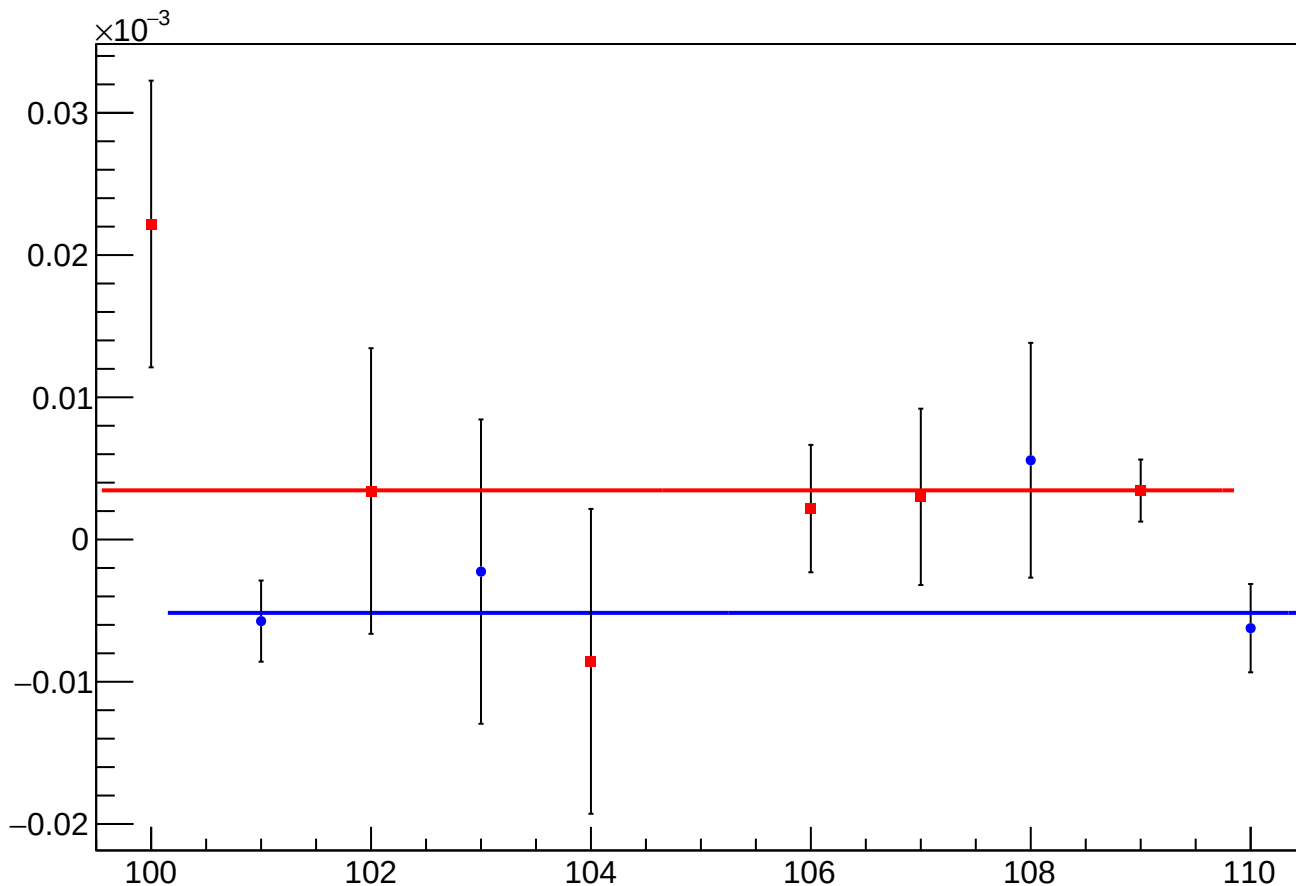
Right: 58.495+/-0.027 χ^2/NDF : 1881344.4/9

In: 55.099+/-0.035 χ^2/NDF : 991342.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.495+/-0.027 χ^2/NDF : 1881344.4/9

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

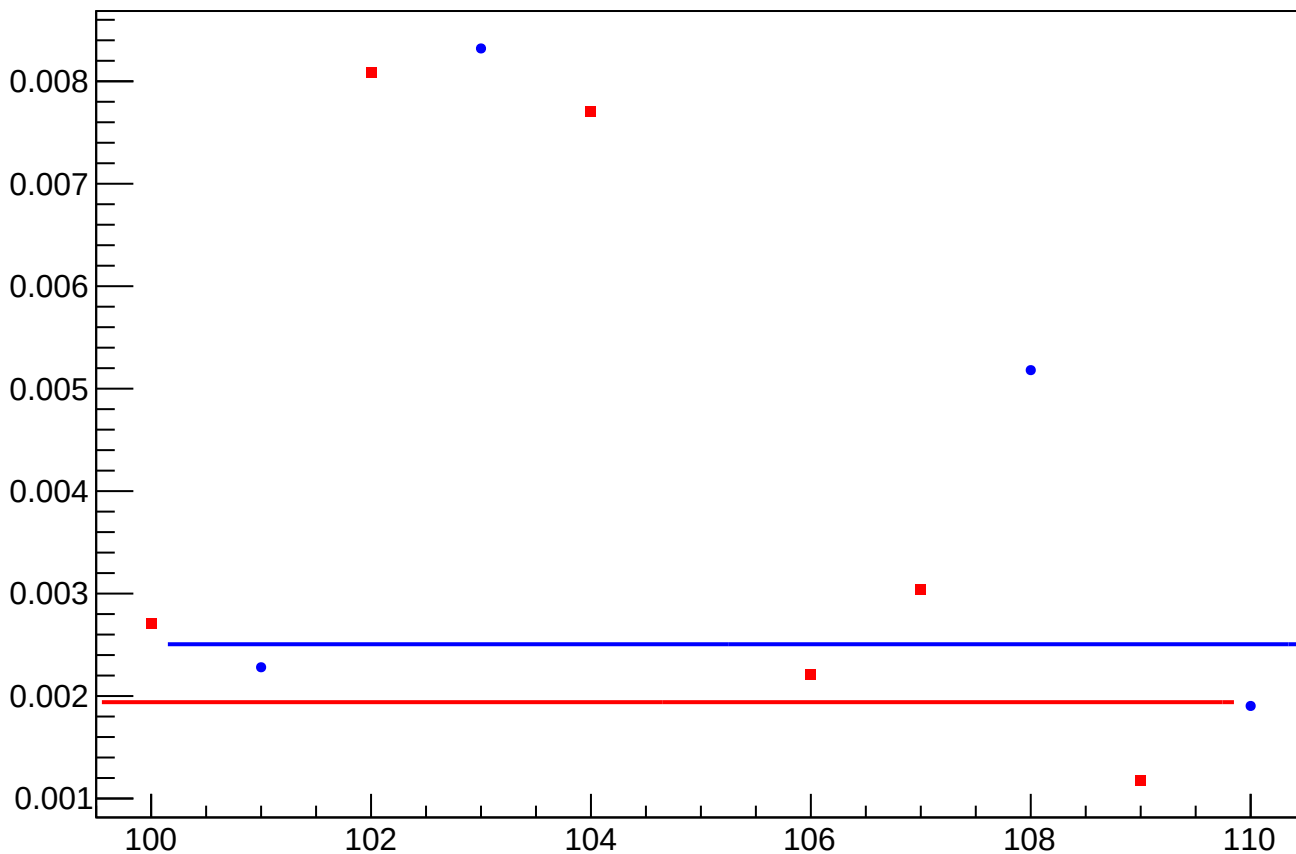
Right: -0.000+/-0.000 χ^2/NDF : 17.1/9

In: -0.000+/-0.000 χ^2/NDF : 1.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.1/9

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 888462.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1655751.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

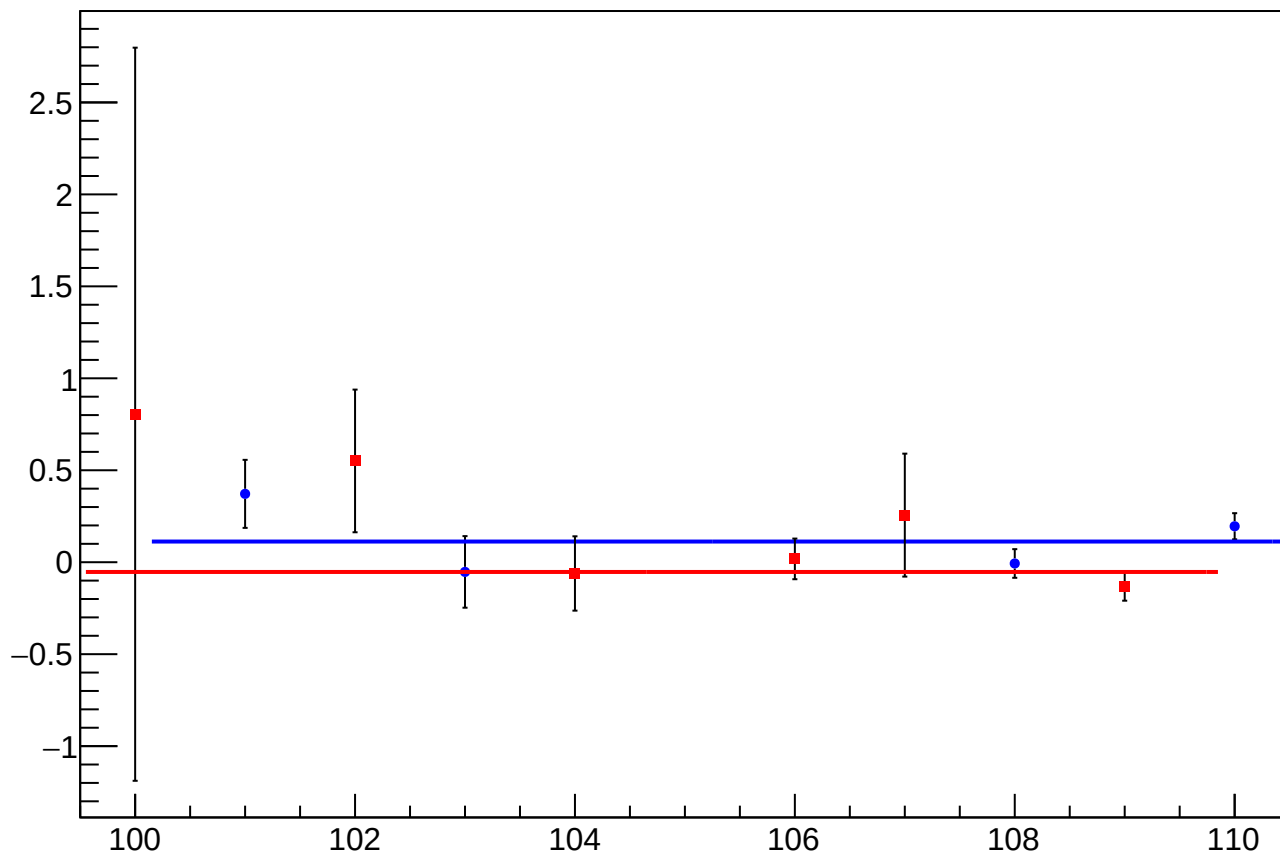
Right: 0.002+/-0.000 χ^2/NDF : 2633219.5/9

In: 0.003+/-0.000 χ^2/NDF : 888462.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2633219.5/9

asym_at1_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 0.112 $\pm$ 0.049 χ^2 /NDF: 6.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.053 $\pm$ 0.059 χ^2 /NDF: 4.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

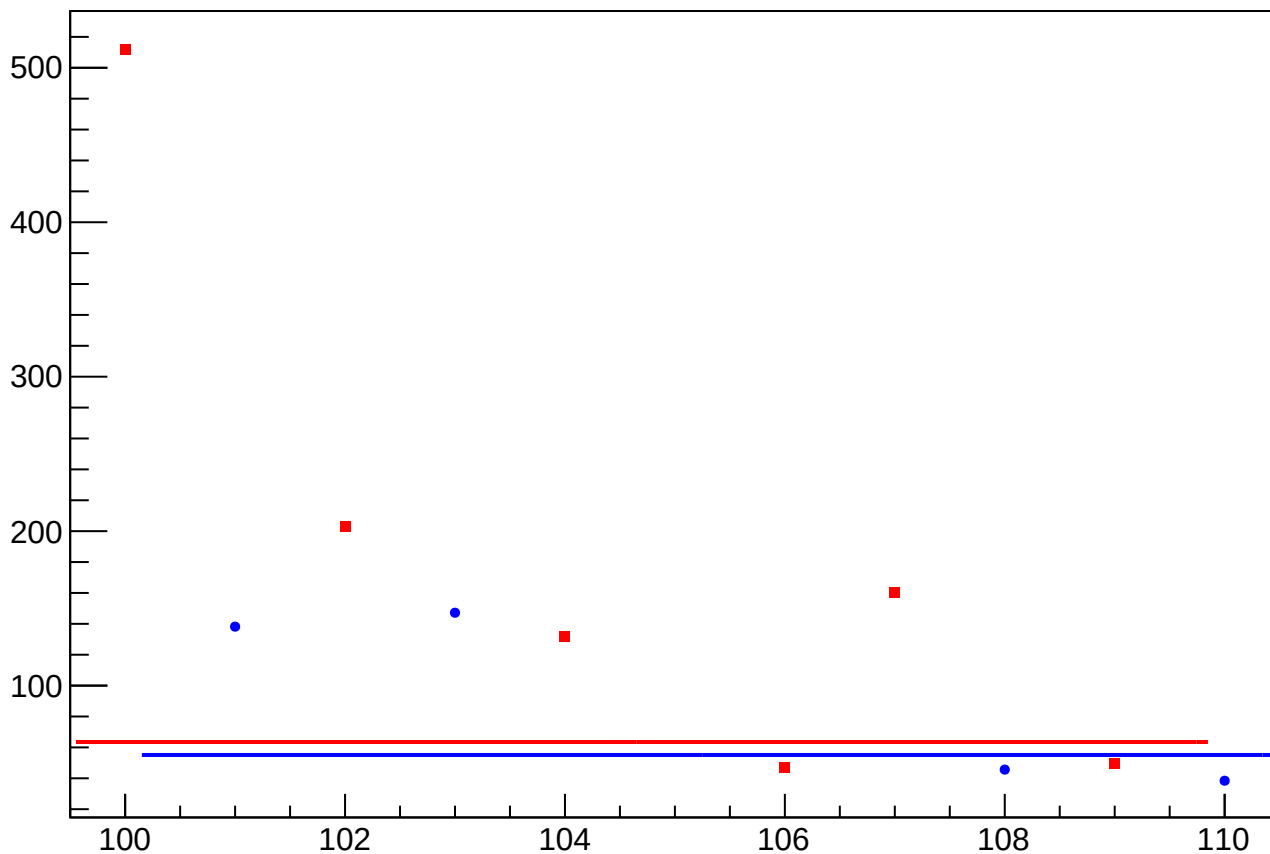
Right: 0.045 $\pm$ 0.038 χ^2 /NDF: 15.9/9

In: 0.112 $\pm$ 0.049 χ^2 /NDF:6.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.045 $\pm$ 0.038 χ^2 /NDF: 15.9/9

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.100+/-0.035 χ^2/NDF : 991309.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.488+/-0.042 χ^2/NDF : 866132.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

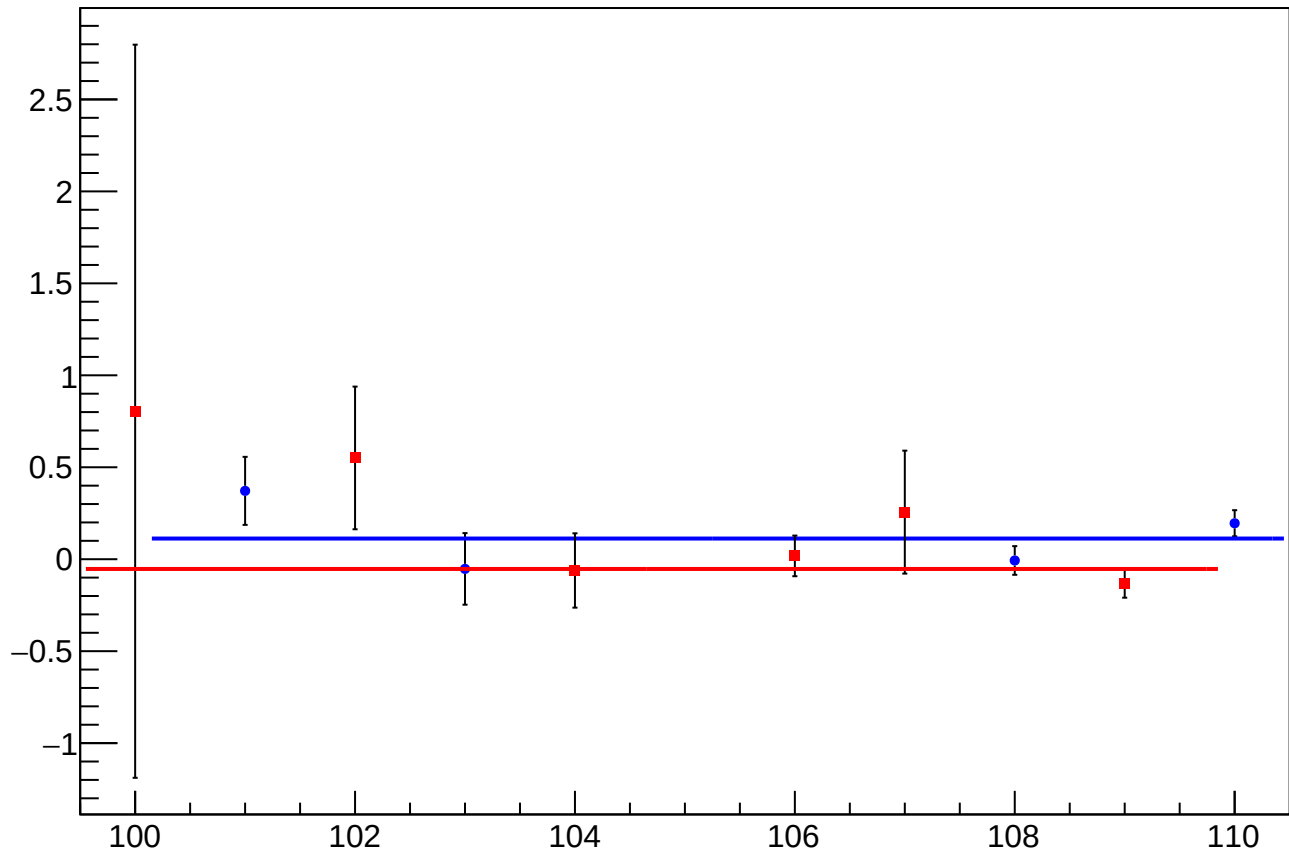
Right: 58.495+/-0.027 χ^2/NDF : 1881274.5/9

In: 55.100+/-0.035 χ^2/NDF : 991309.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.495+/-0.027 χ^2/NDF : 1881274.5/9

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.112 $\pm$ 0.049 χ^2 /NDF: 6.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.053 $\pm$ 0.059 χ^2 /NDF: 4.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

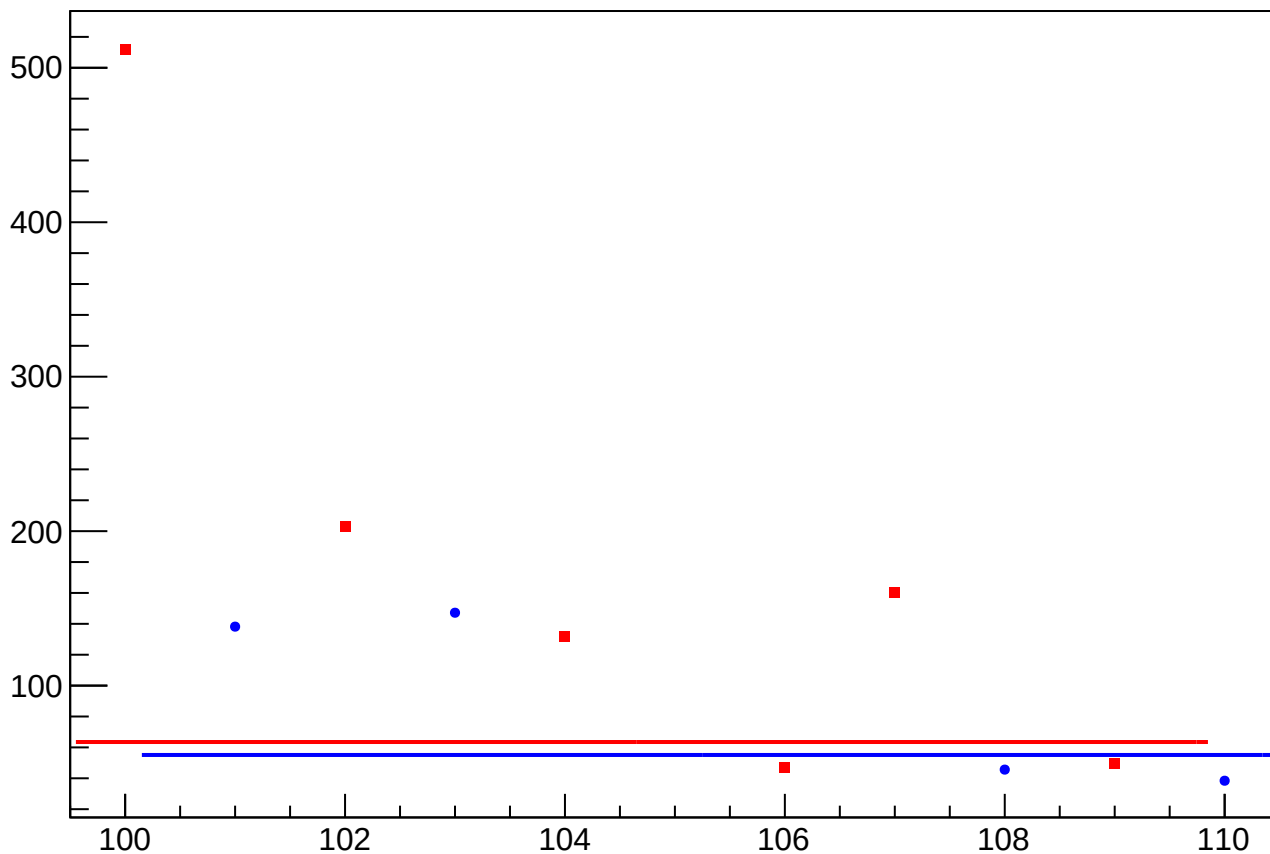
Right: 0.045 $\pm$ 0.038 χ^2 /NDF: 15.9/9

In: 0.112 $\pm$ 0.049 χ^2 /NDF:6.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.045 $\pm$ 0.038 χ^2 /NDF: 15.9/9

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.100+/-0.035 χ^2/NDF : 991309.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.488+/-0.042 χ^2/NDF : 866132.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

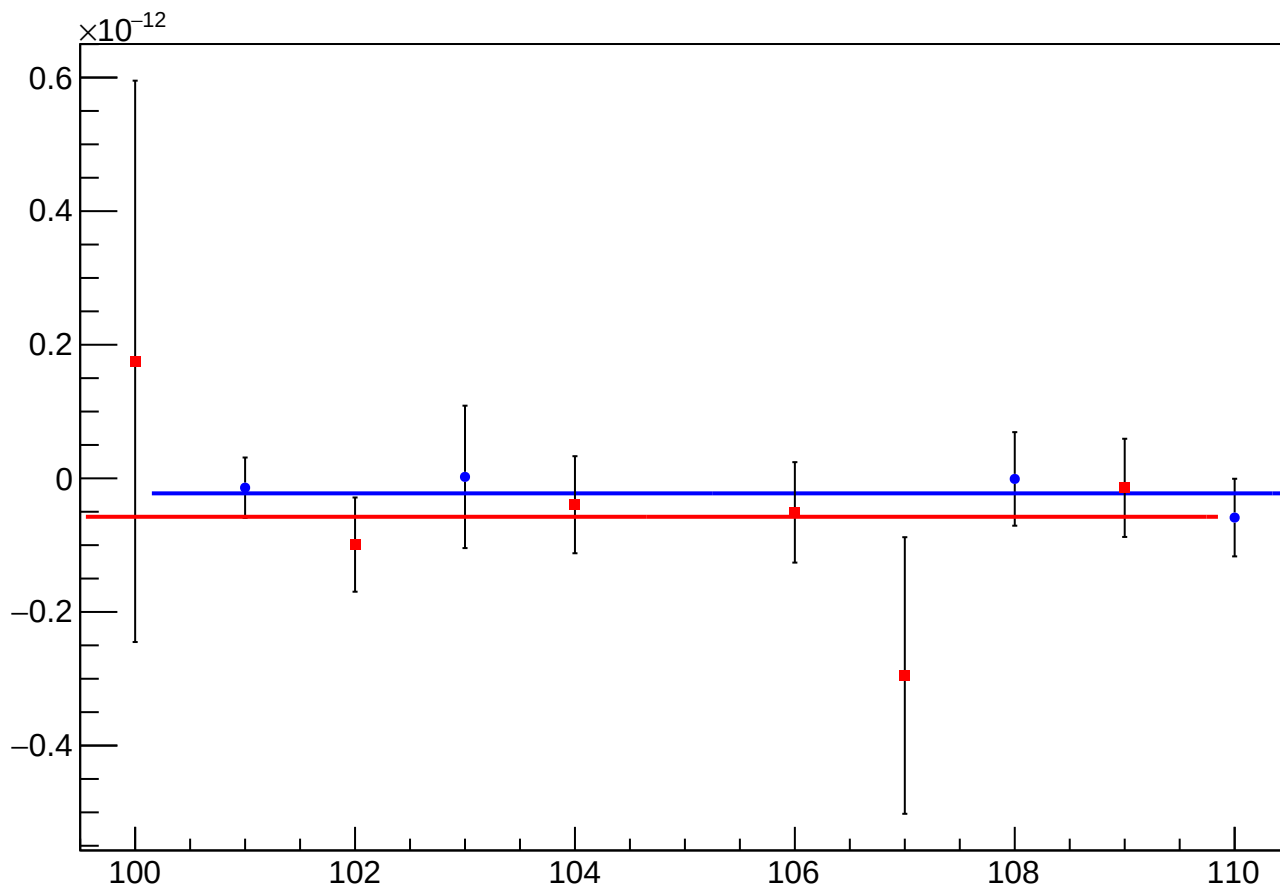
Right: 58.495+/-0.027 χ^2/NDF : 1881274.5/9

In: 55.100+/-0.035 χ^2/NDF : 991309.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.495+/-0.027 χ^2/NDF : 1881274.5/9

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

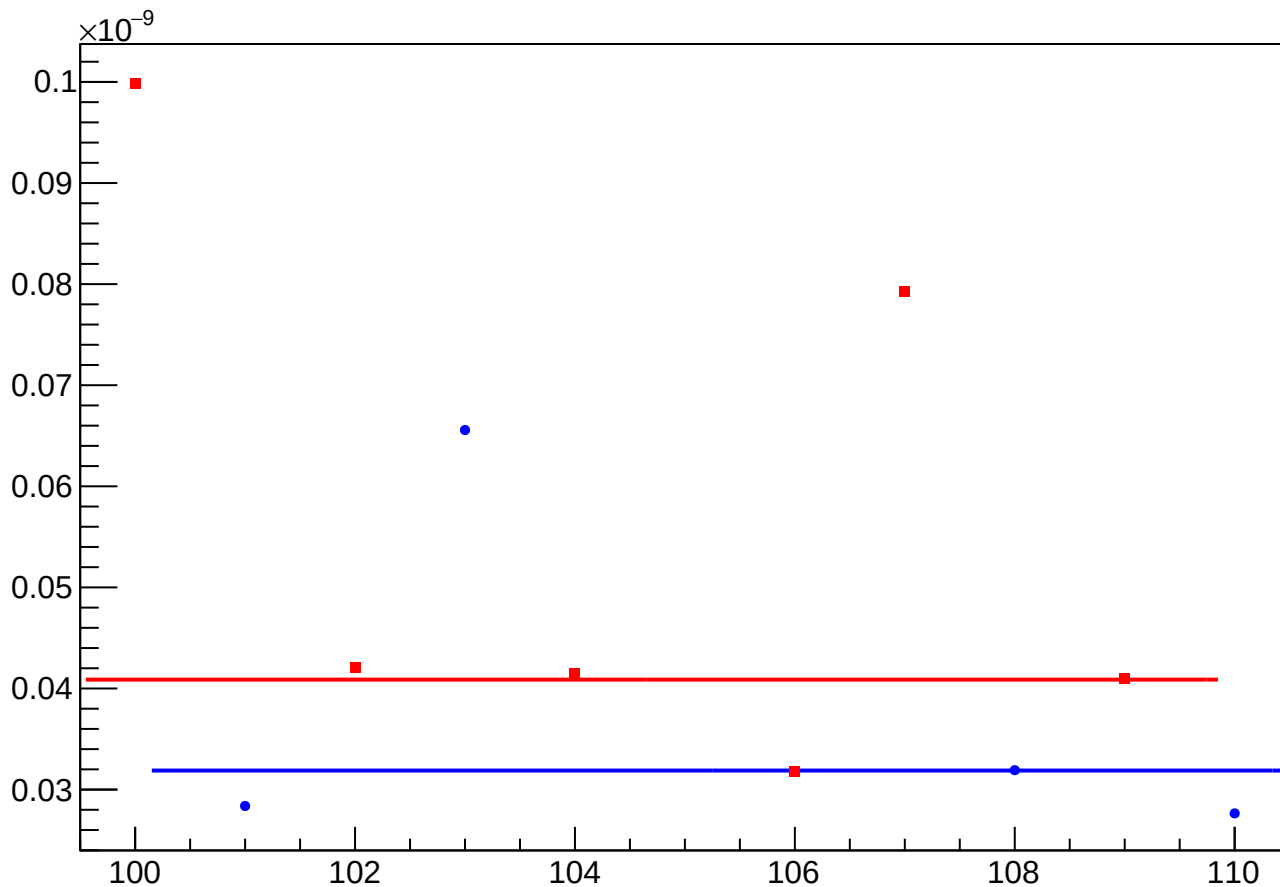
Right: -0.000+/-0.000 χ^2/NDF : 3.5/9

In: -0.000+/-0.000 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.5/9

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 222433.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 138425.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

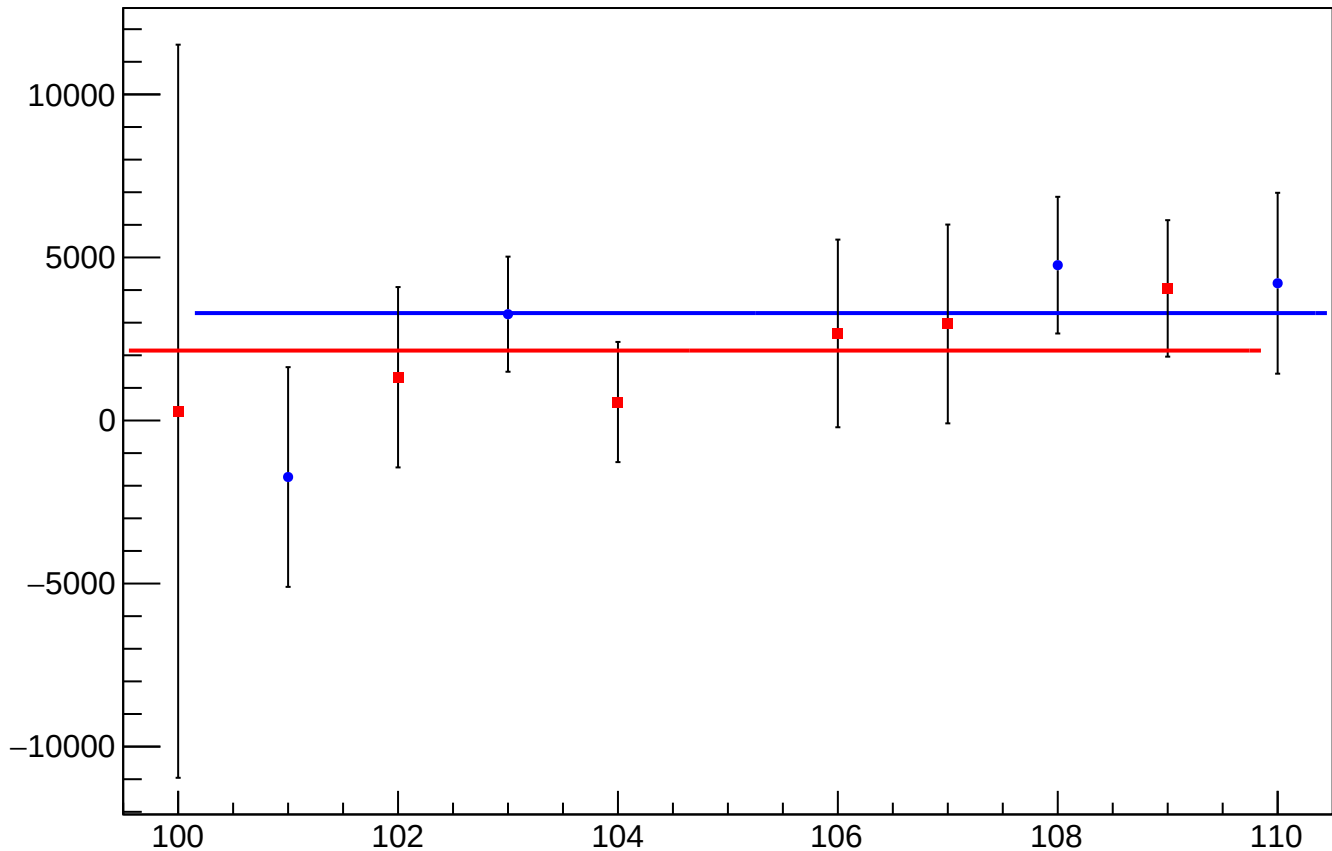
Right: 0.000+/-0.000 χ^2/NDF : 434218.7/9

In: 0.000+/-0.000 χ^2/NDF : 222433.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 434218.7/9

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3294.085+/-1141.895 χ^2/NDF : 2.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2144.934+/-1060.026 χ^2/NDF : 1.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

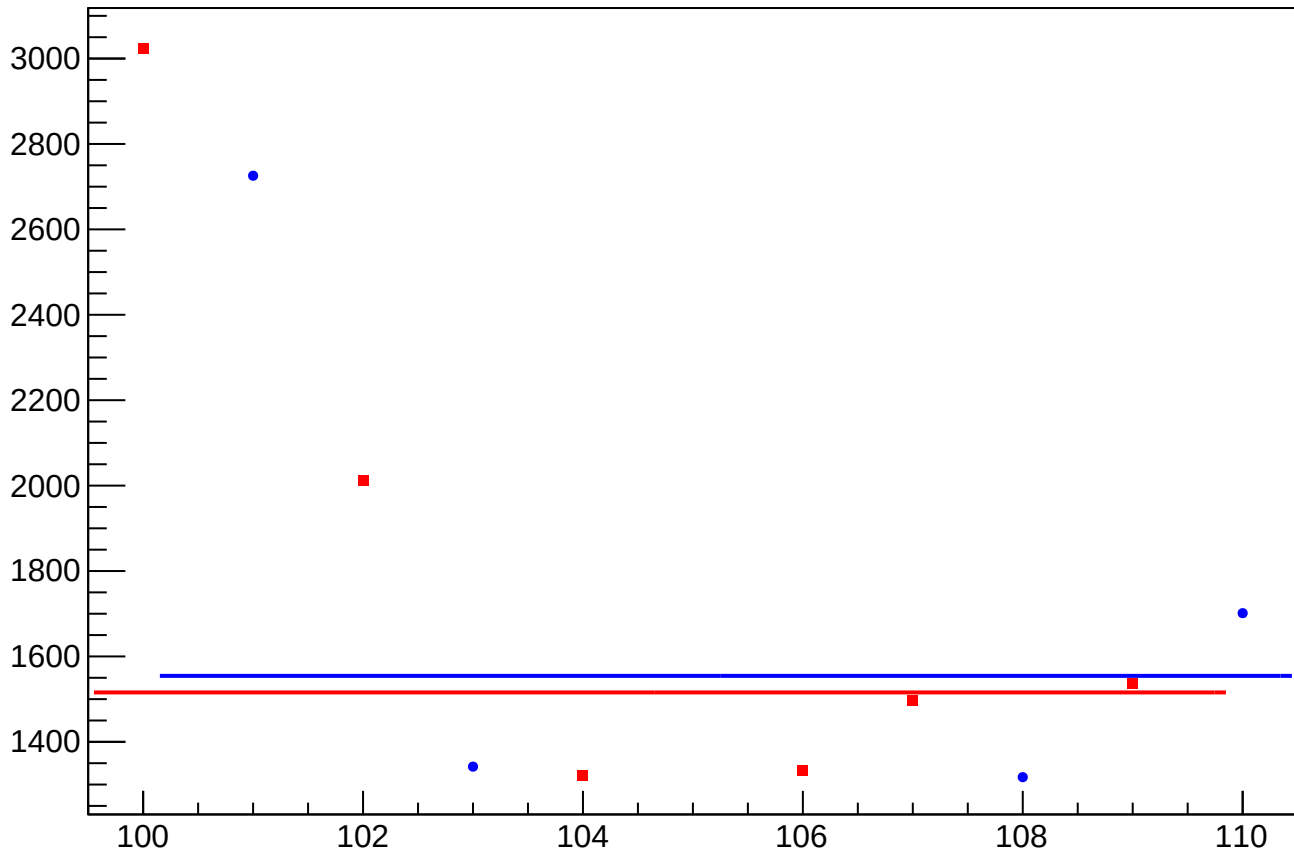
Right: 2676.842+/-776.883 χ^2/NDF : 5.2/9

In: 3294.085+/-1141.895 χ^2/NDF : 2.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2676.842+/-776.883 χ^2/NDF : 5.2/9

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1554.512 $\pm$ 0.807 χ^2 /NDF: 301916.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1515.683 $\pm$ 0.750 χ^2 /NDF: 131377.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

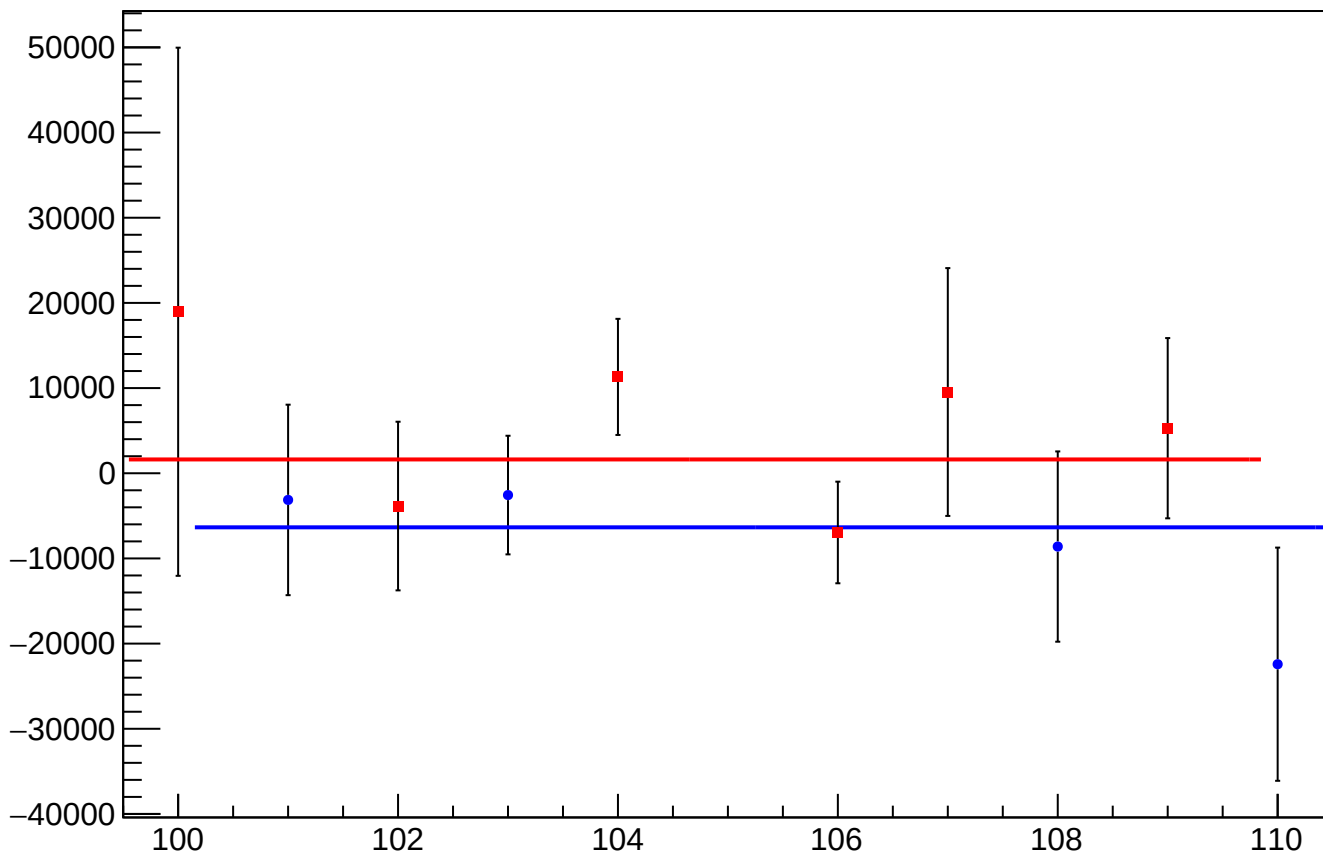
Right: 1533.656 $\pm$ 0.549 χ^2 /NDF: 434536.4/9

In: 1554.512 $\pm$ 0.807 χ^2 /NDF:301916.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1533.656 $\pm$ 0.549 χ^2 /NDF: 434536.4/9

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -6348.396+/-4881.191 χ^2/NDF : 1.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1621.540+/-3663.055 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

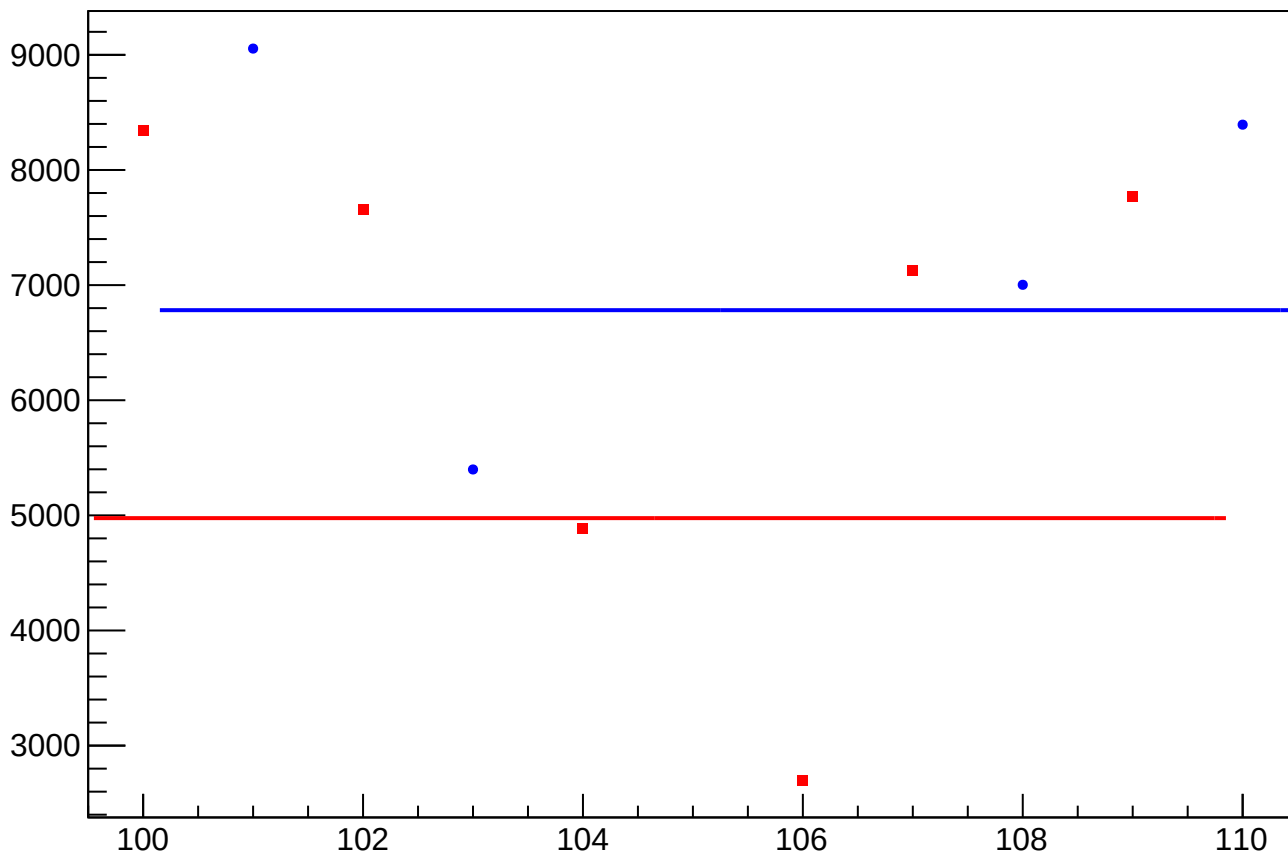
Right: -1249.805+/-2929.821 χ^2/NDF : 8.6/9

In: -6348.396+/-4881.191 χ^2/NDF :1.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1249.805+/-2929.821 χ^2/NDF : 8.6/9

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 6782.361+/-3.452 χ^2/NDF : 190042.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4975.932+/-2.590 χ^2/NDF : 645059.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

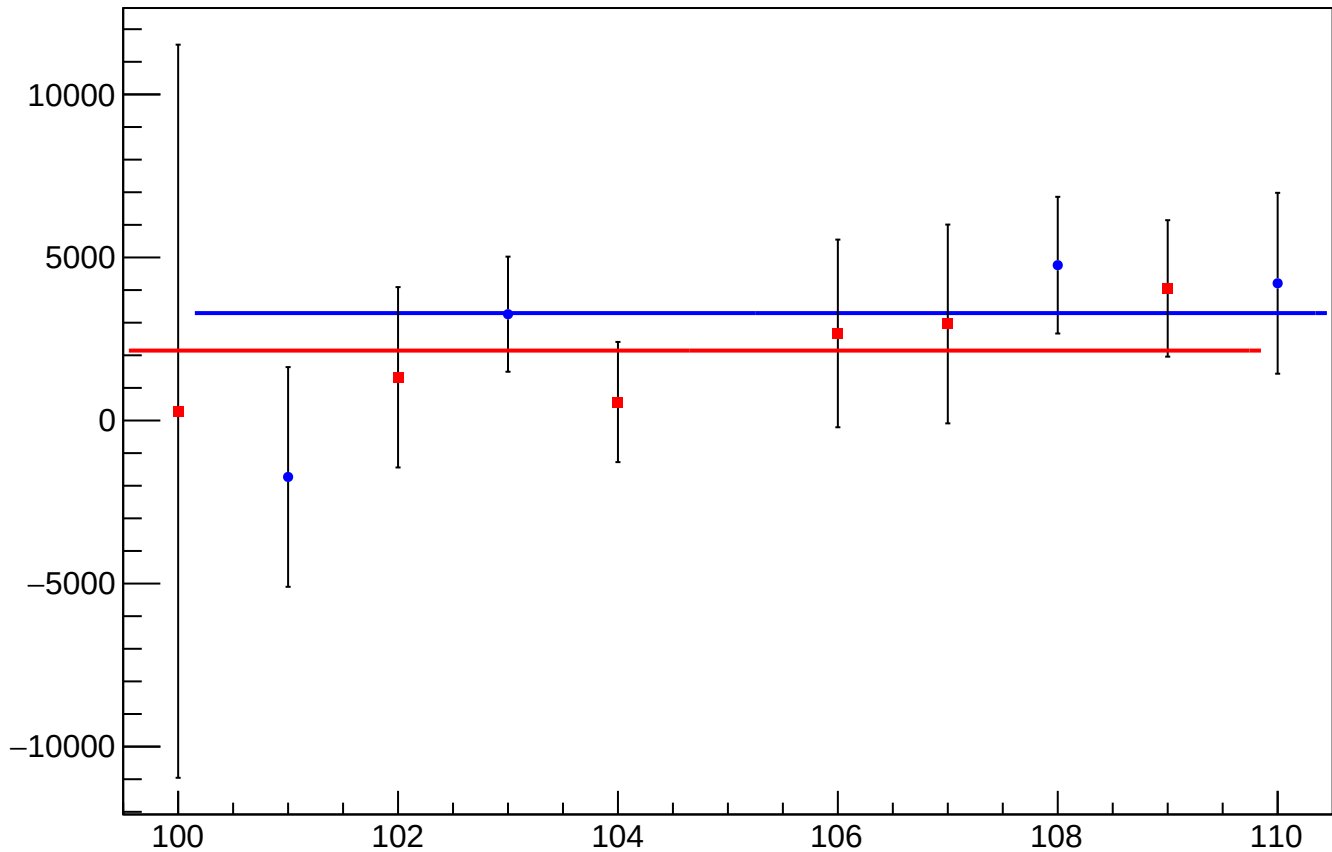
Right: 5626.738+/-2.072 χ^2/NDF : 1010335.1/9

In: 6782.361+/-3.452 χ^2/NDF : 190042.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5626.738+/-2.072 χ^2/NDF : 1010335.1/9

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3294.249+/-1141.895 χ^2/NDF : 2.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2144.727+/-1060.026 χ^2/NDF : 1.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

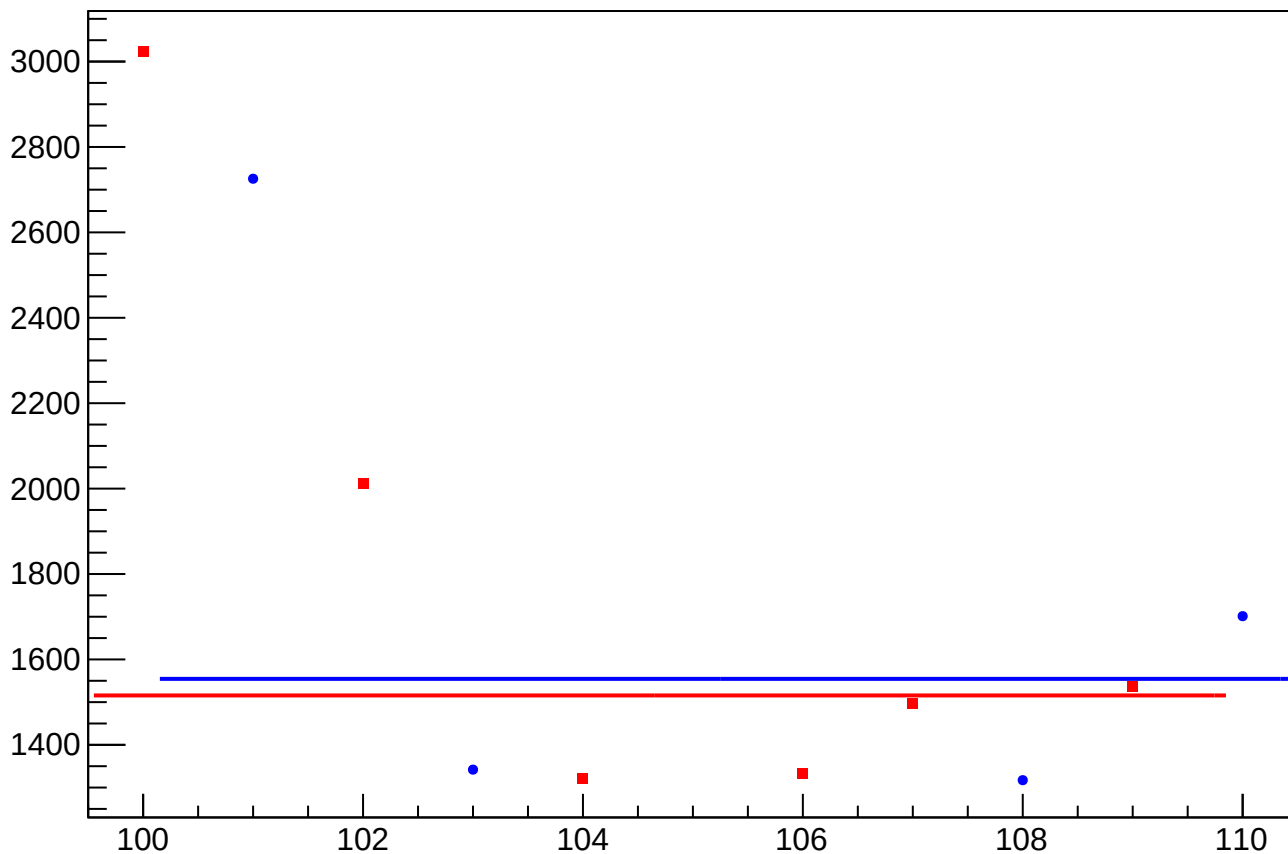
Right: 2676.807+/-776.883 χ^2/NDF : 5.2/9

In: 3294.249+/-1141.895 χ^2/NDF : 2.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2676.807+/-776.883 χ^2/NDF : 5.2/9

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1554.511+/-0.807 χ^2/NDF : 301916.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1515.683+/-0.750 χ^2/NDF : 131377.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

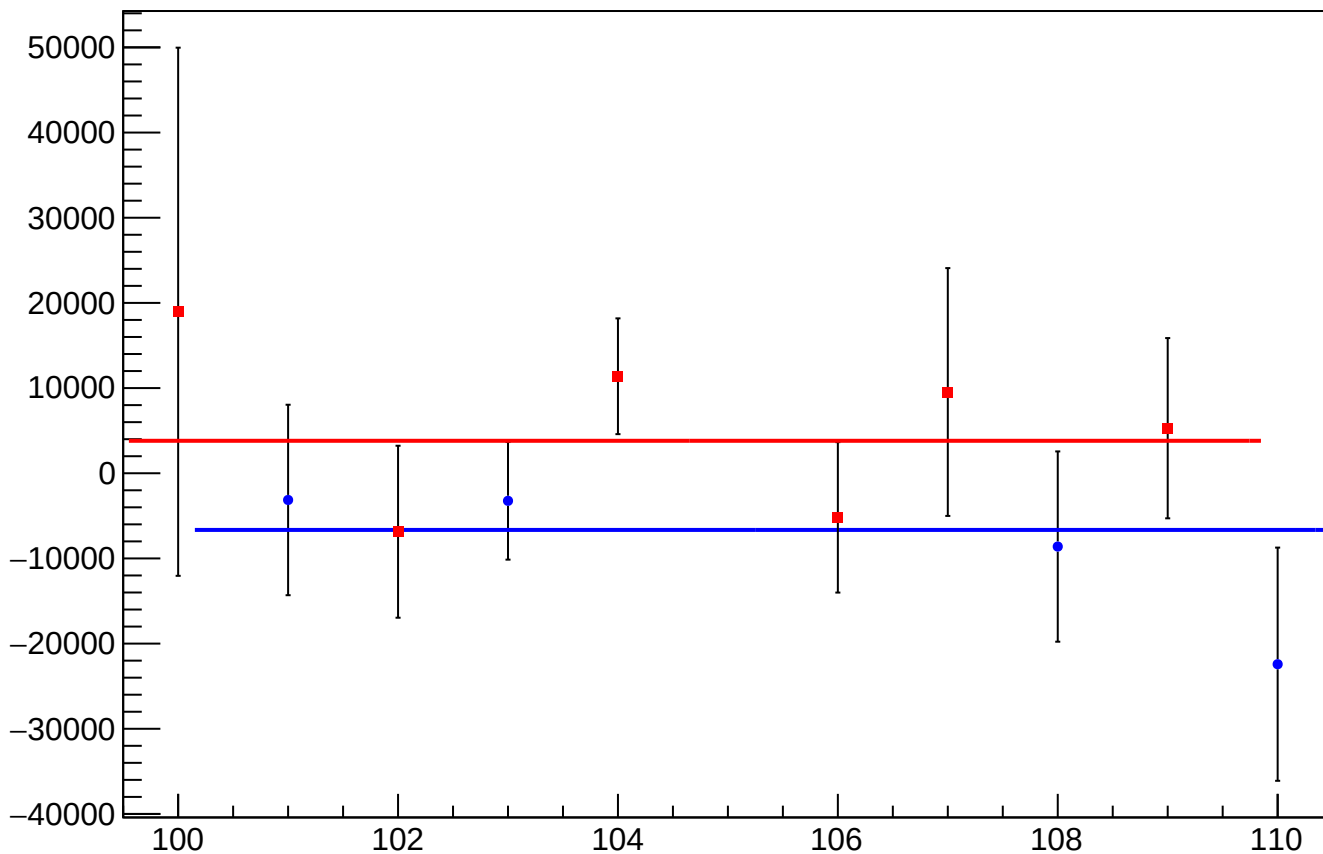
Right: 1533.655+/-0.549 χ^2/NDF : 434536.2/9

In: 1554.511+/-0.807 χ^2/NDF : 301916.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1533.655+/-0.549 χ^2/NDF : 434536.2/9

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -6653.750+/-4860.655 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3811.668+/-4117.678 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

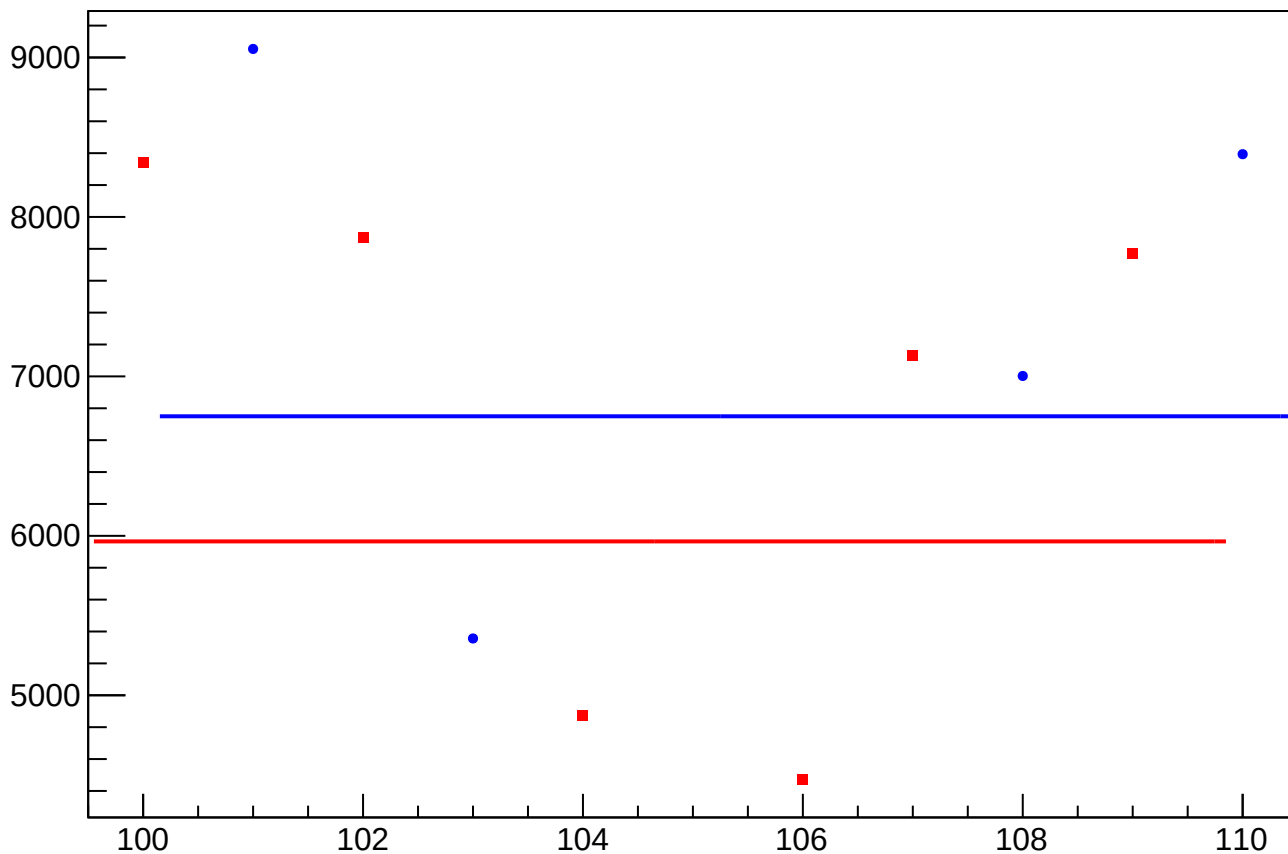
Right: -560.895+/-3141.843 χ^2/NDF : 8.2/9

In: -6653.750+/-4860.655 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -560.895+/-3141.843 χ^2/NDF : 8.2/9

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 6749.721+/-3.437 χ^2/NDF : 196251.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5965.081+/-2.912 χ^2/NDF : 263320.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

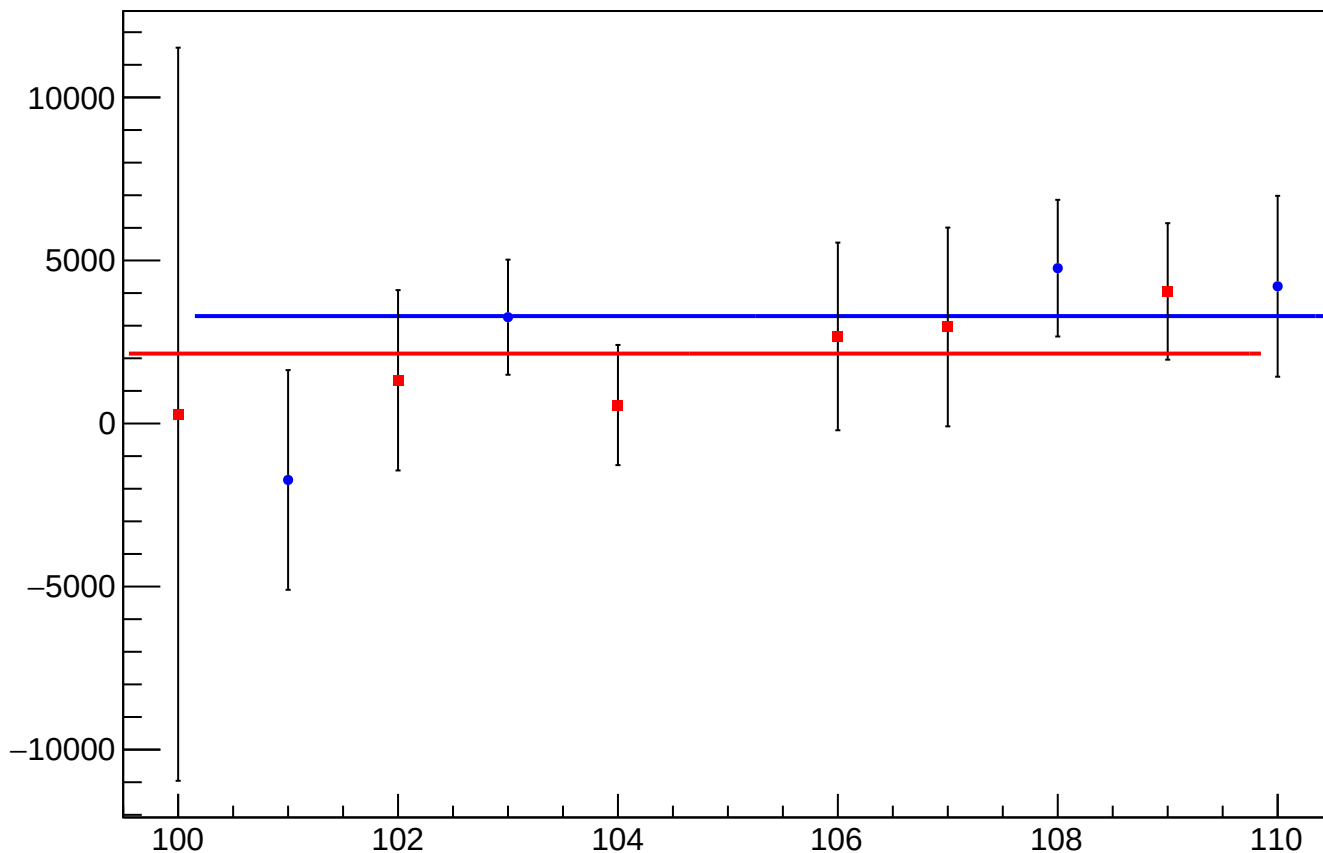
Right: 6292.912+/-2.222 χ^2/NDF : 489914.0/9

In: 6749.721+/-3.437 χ^2/NDF : 196251.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6292.912+/-2.222 χ^2/NDF : 489914.0/9

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3294.249+/-1141.895 χ^2 /NDF: 2.8/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2144.727+/-1060.026 χ^2 /NDF: 1.8/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

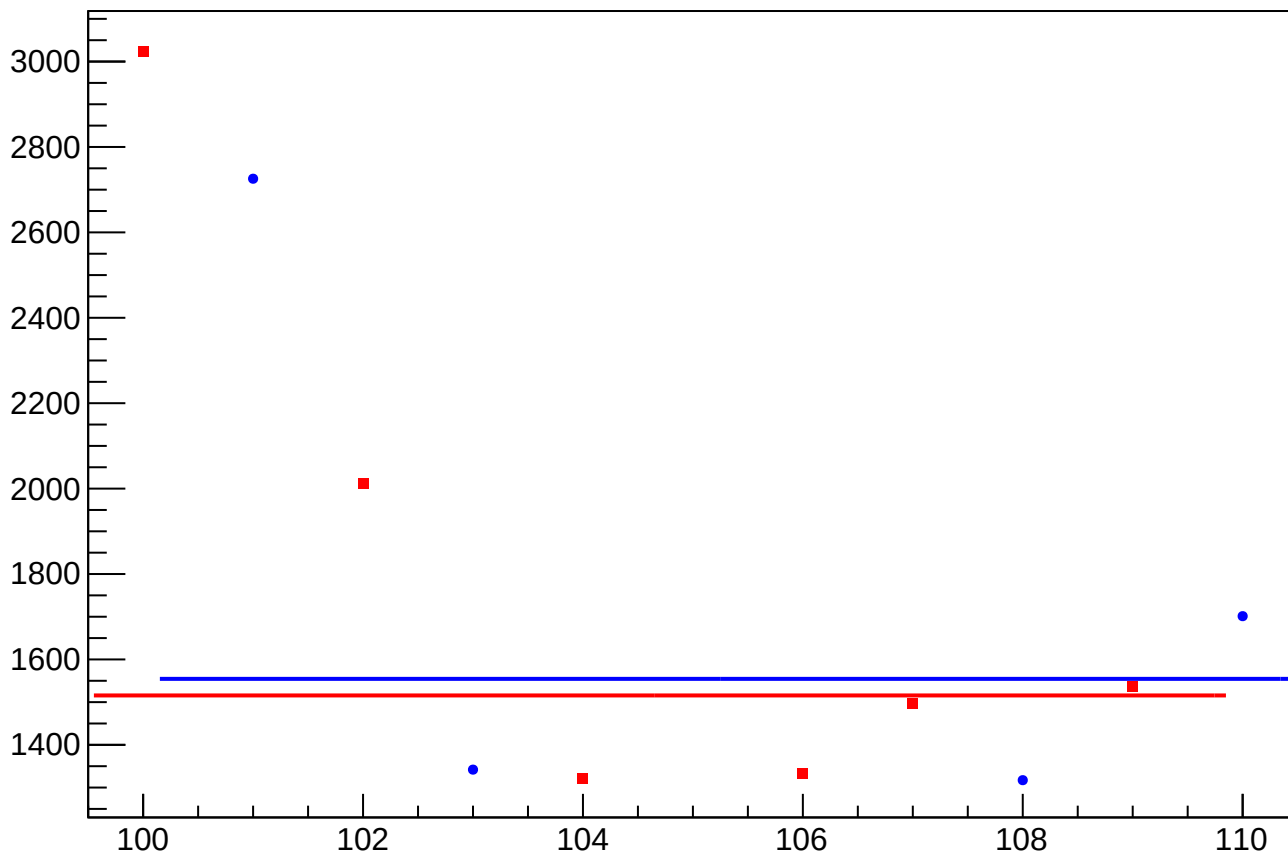
Right: 2676.807+/-776.883 χ^2 /NDF: 5.2/9

In: 3294.249+/-1141.895 χ^2 /NDF:2.8/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2676.807+/-776.883 χ^2 /NDF: 5.2/9

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1554.511+/-0.807 χ^2/NDF : 301916.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1515.683+/-0.750 χ^2/NDF : 131377.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

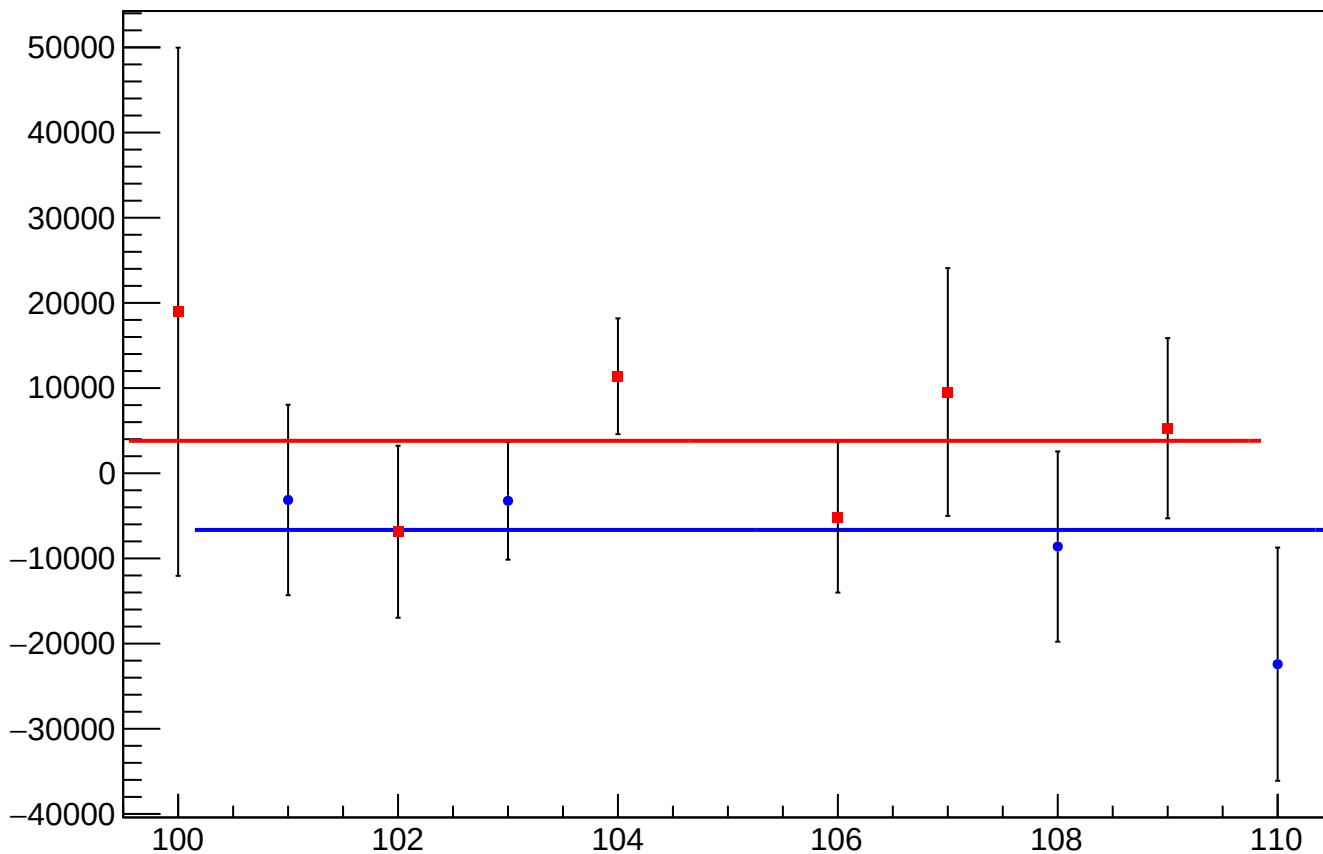
Right: 1533.655+/-0.549 χ^2/NDF : 434536.2/9

In: 1554.511+/-0.807 χ^2/NDF : 301916.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1533.655+/-0.549 χ^2/NDF : 434536.2/9

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -6653.750+/-4860.655 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3811.668+/-4117.678 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

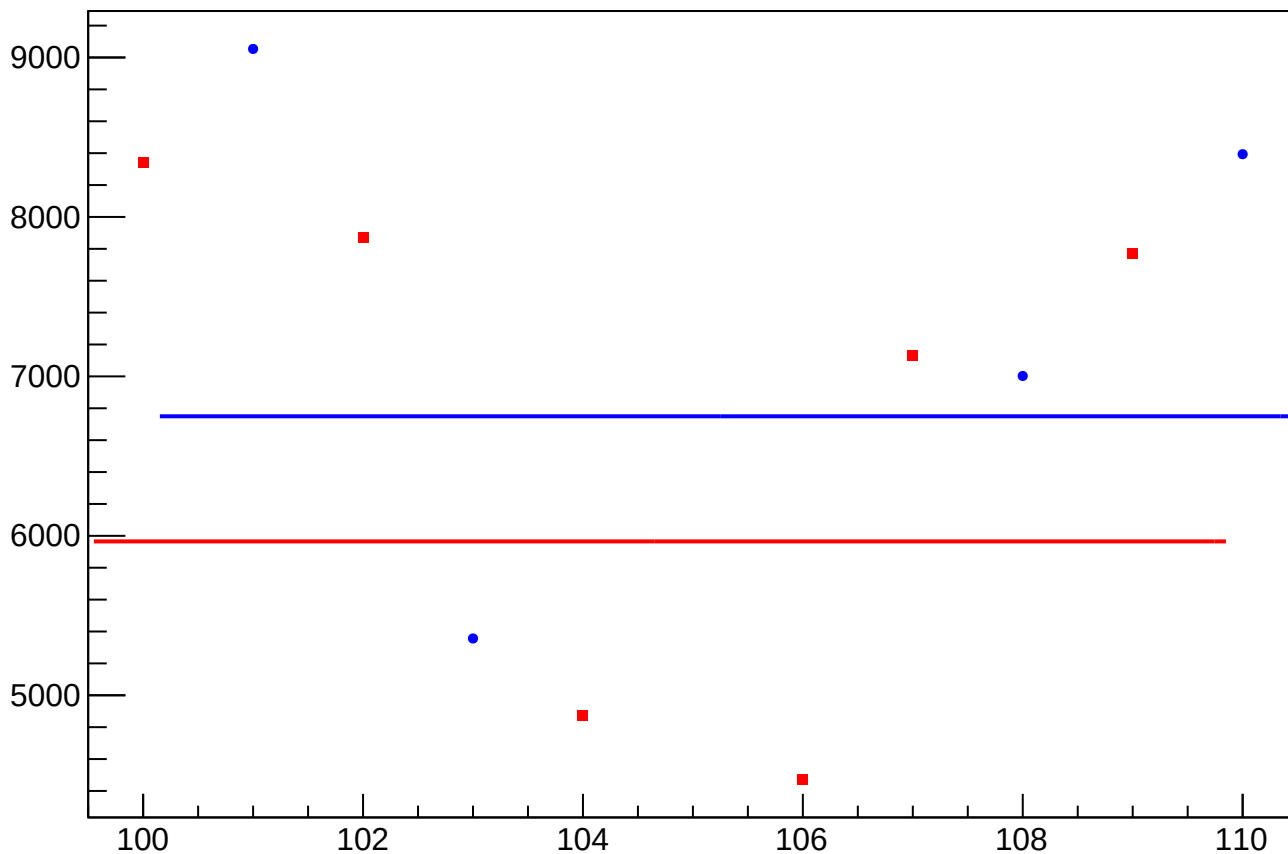
Right: -560.895+/-3141.843 χ^2/NDF : 8.2/9

In: -6653.750+/-4860.655 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -560.895+/-3141.843 χ^2/NDF : 8.2/9

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6749.721+/-3.437 χ^2/NDF : 196251.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5965.081+/-2.912 χ^2/NDF : 263320.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

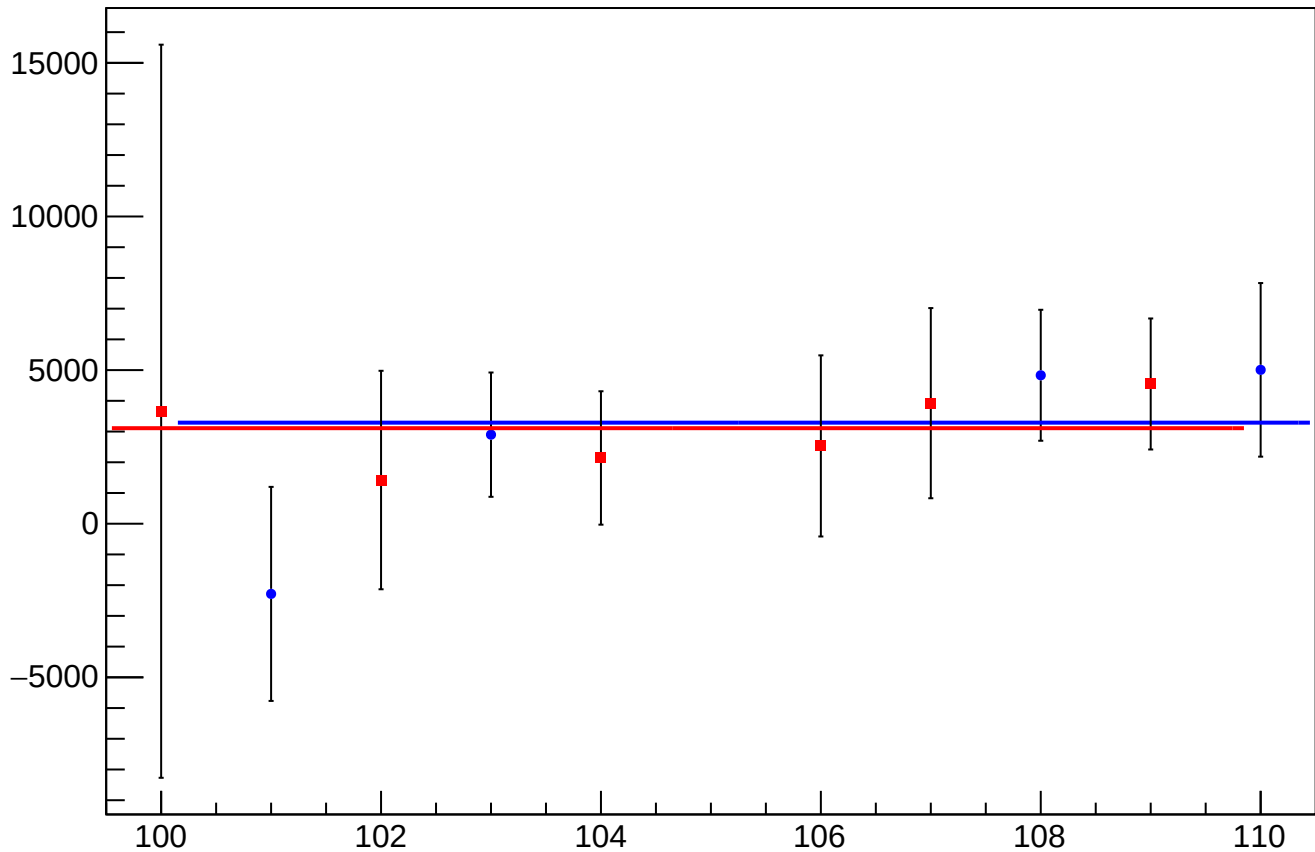
Right: 6292.912+/-2.222 χ^2/NDF : 489914.0/9

In: 6749.721+/-3.437 χ^2/NDF : 196251.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6292.912+/-2.222 χ^2/NDF : 489914.0/9

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3289.487+/-1219.733 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3109.172+/-1164.282 χ^2/NDF : 1.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

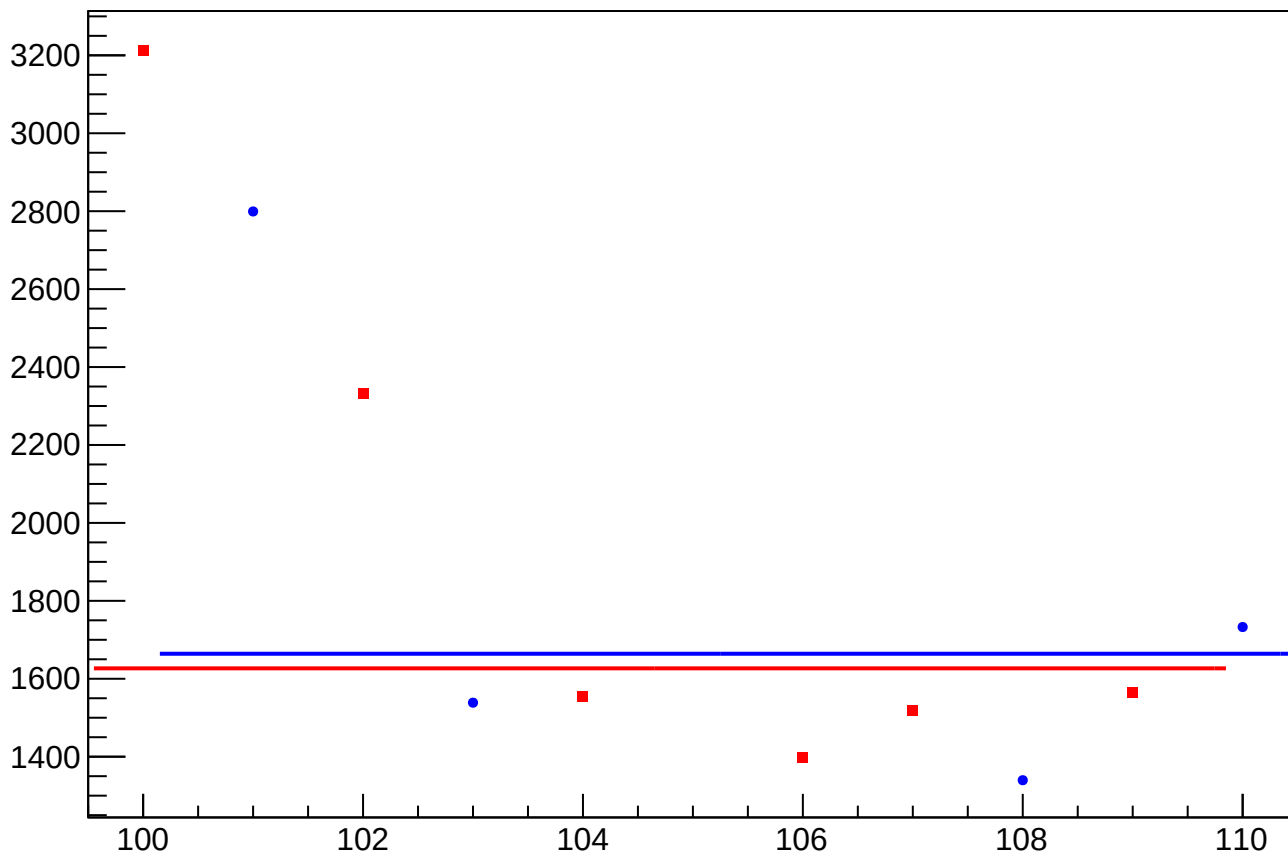
Right: 3195.137+/-842.193 χ^2/NDF : 4.5/9

In: 3289.487+/-1219.733 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3195.137+/-842.193 χ^2/NDF : 4.5/9

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1664.201+/-0.862 χ^2/NDF : 267604.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1626.715+/-0.822 χ^2/NDF : 132350.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

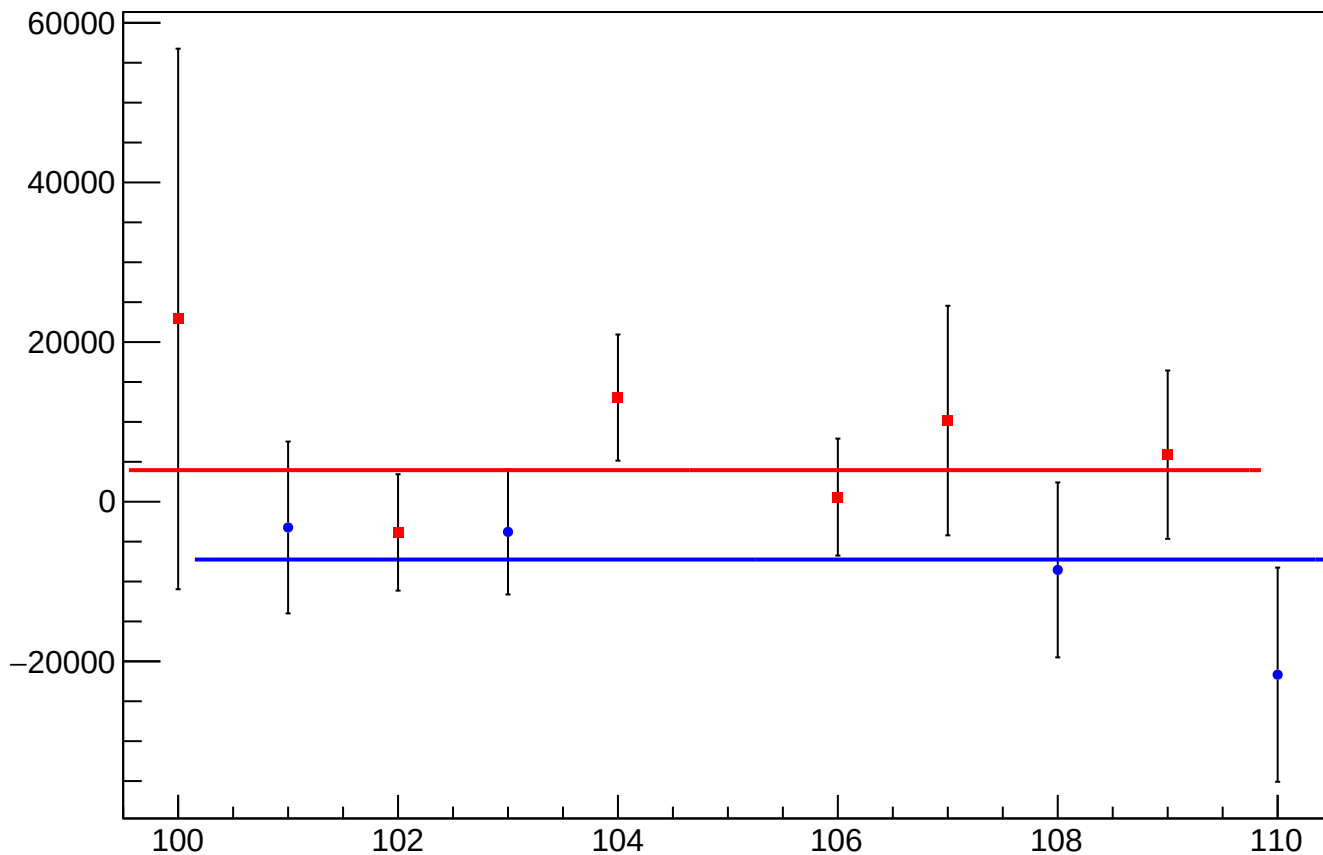
Right: 1644.563+/-0.595 χ^2/NDF : 400945.1/9

In: 1664.201+/-0.862 χ^2/NDF : 267604.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1644.563+/-0.595 χ^2/NDF : 400945.1/9

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -7243.283+/-5078.016 χ^2/NDF : 1.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3954.157+/-3830.681 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

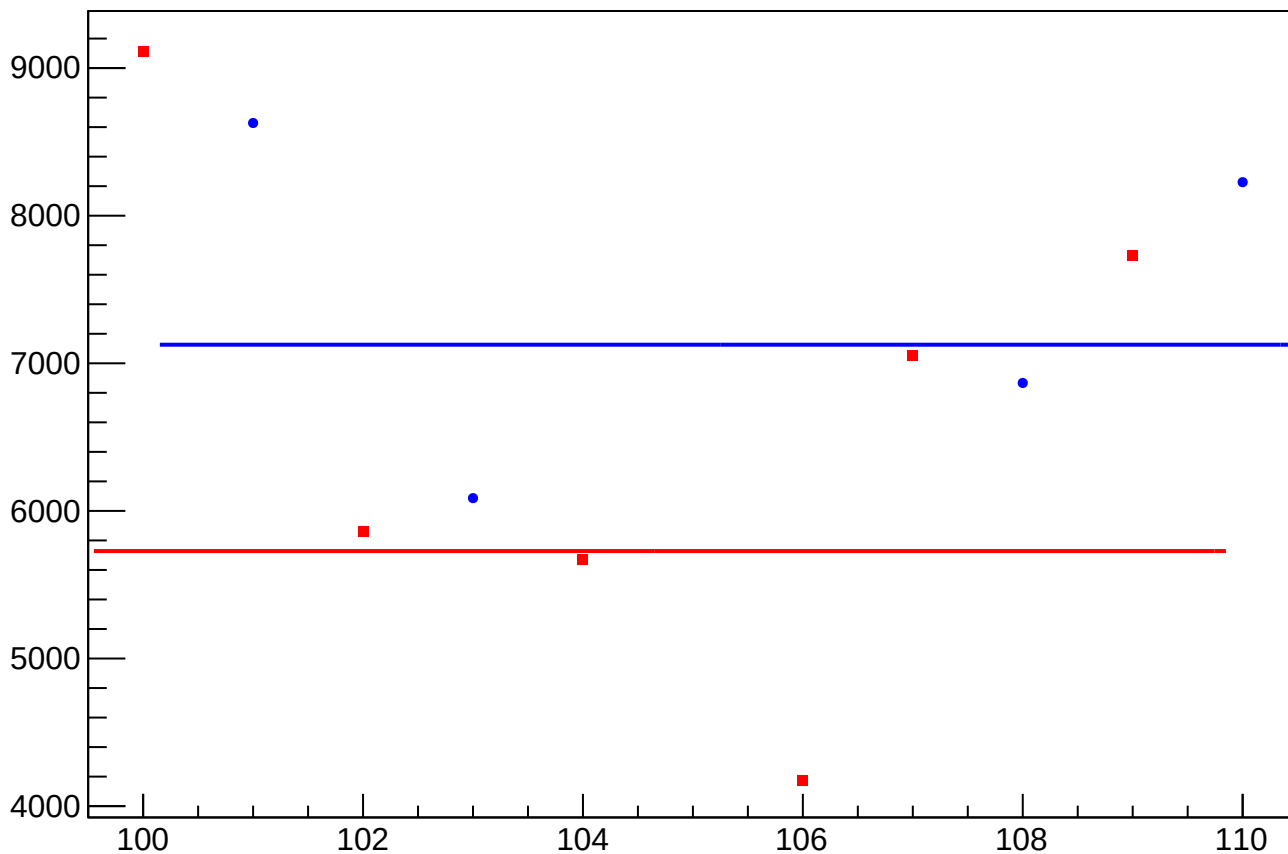
Right: -106.917+/-3058.125 χ^2/NDF : 7.8/9

In: -7243.283+/-5078.016 χ^2/NDF : 1.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.917+/-3058.125 χ^2/NDF : 7.8/9

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 7125.991+/-3.591 χ^2/NDF : 88677.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5728.136+/-2.709 χ^2/NDF : 199549.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

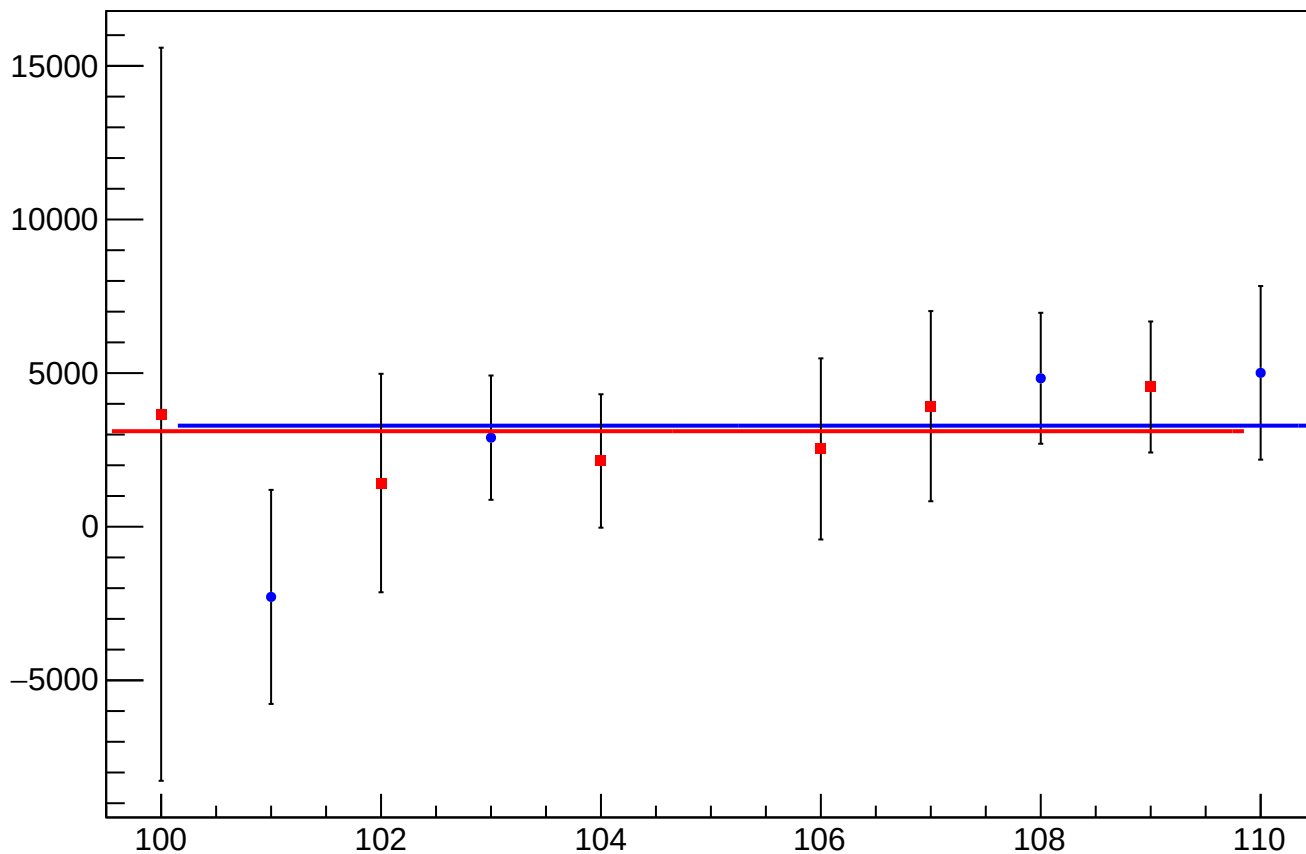
Right: 6235.109+/-2.162 χ^2/NDF : 384815.1/9

In: 7125.991+/-3.591 χ^2/NDF : 88677.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6235.109+/-2.162 χ^2/NDF : 384815.1/9

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3289.497+/-1219.733 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3109.173+/-1164.282 χ^2/NDF : 1.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

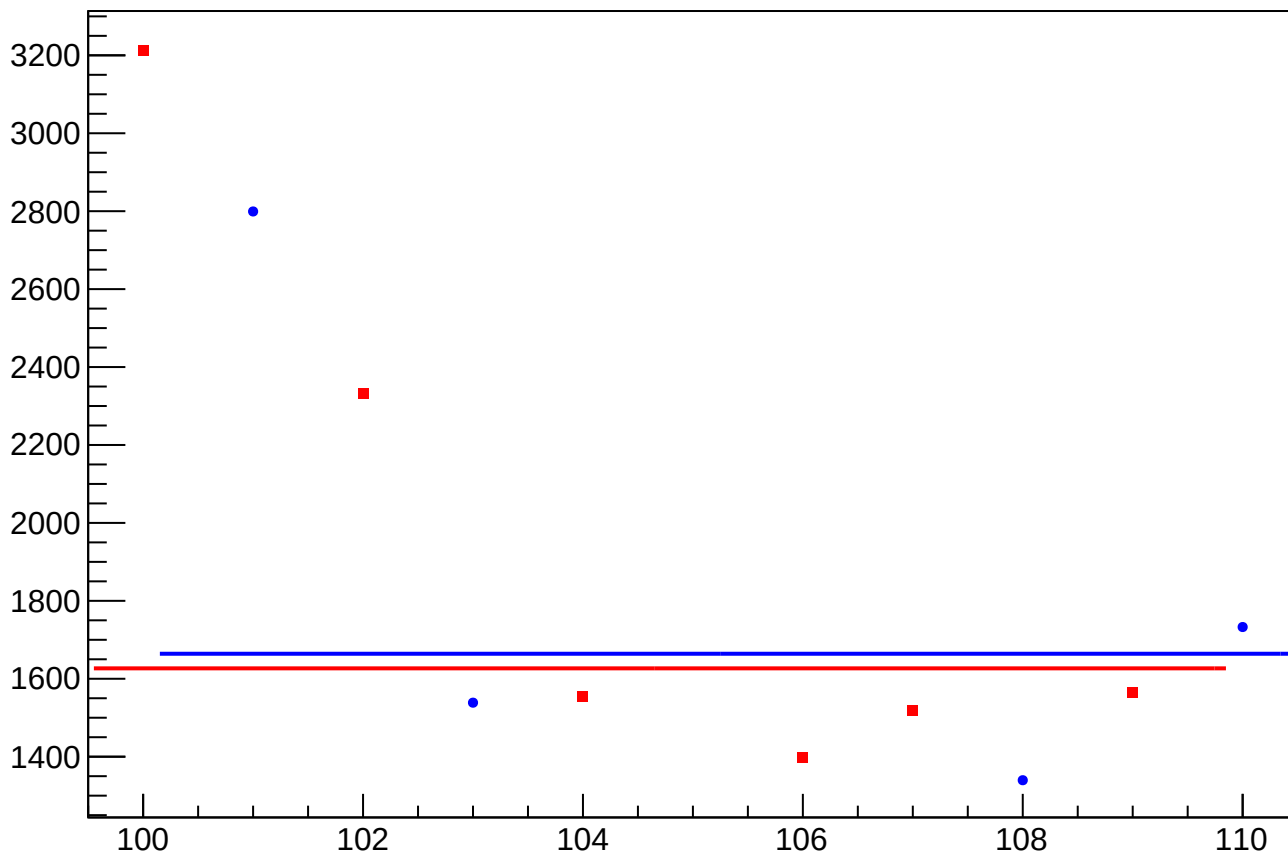
Right: 3195.143+/-842.193 χ^2/NDF : 4.5/9

In: 3289.497+/-1219.733 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3195.143+/-842.193 χ^2/NDF : 4.5/9

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1664.202+/-0.862 χ^2/NDF : 267604.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1626.715+/-0.822 χ^2/NDF : 132350.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

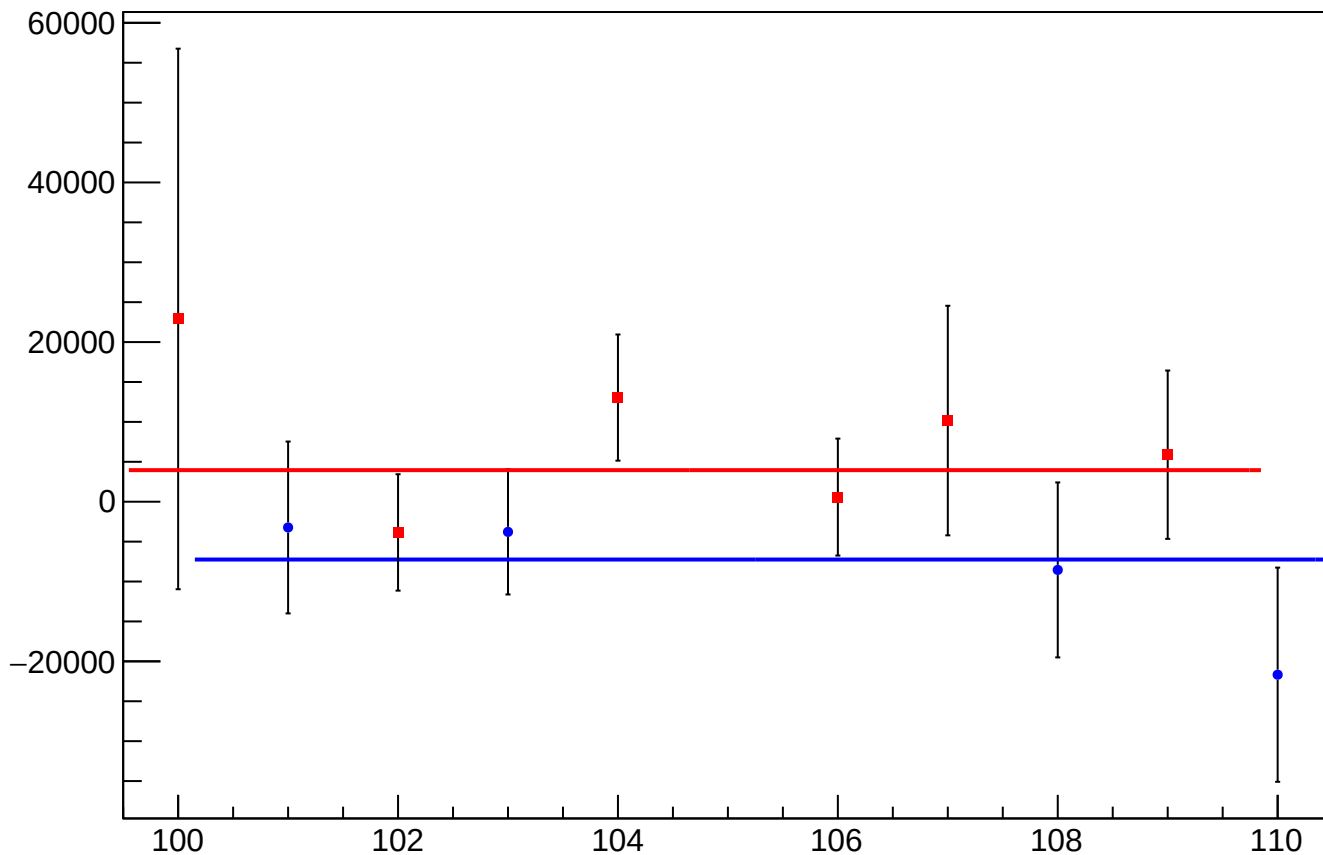
Right: 1644.564+/-0.595 χ^2/NDF : 400944.8/9

In: 1664.202+/-0.862 χ^2/NDF : 267604.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1644.564+/-0.595 χ^2/NDF : 400944.8/9

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -7243.285+/-5078.012 χ^2/NDF : 1.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3954.164+/-3830.676 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

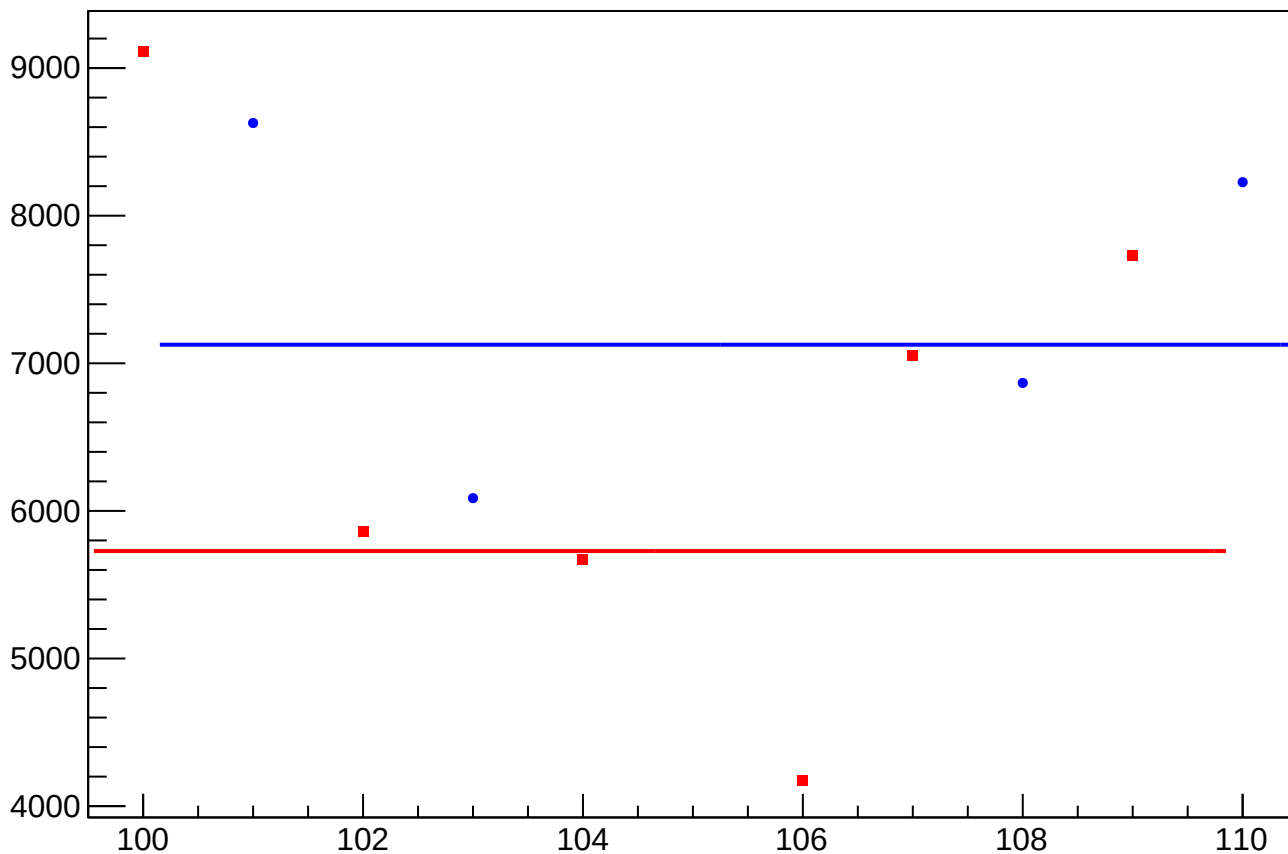
Right: -106.911+/-3058.121 χ^2/NDF : 7.8/9

In: -7243.285+/-5078.012 χ^2/NDF : 1.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.911+/-3058.121 χ^2/NDF : 7.8/9

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7125.985+/-3.591 χ^2 /NDF: 88676.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 5728.128+/-2.709 χ^2 /NDF: 199549.7/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

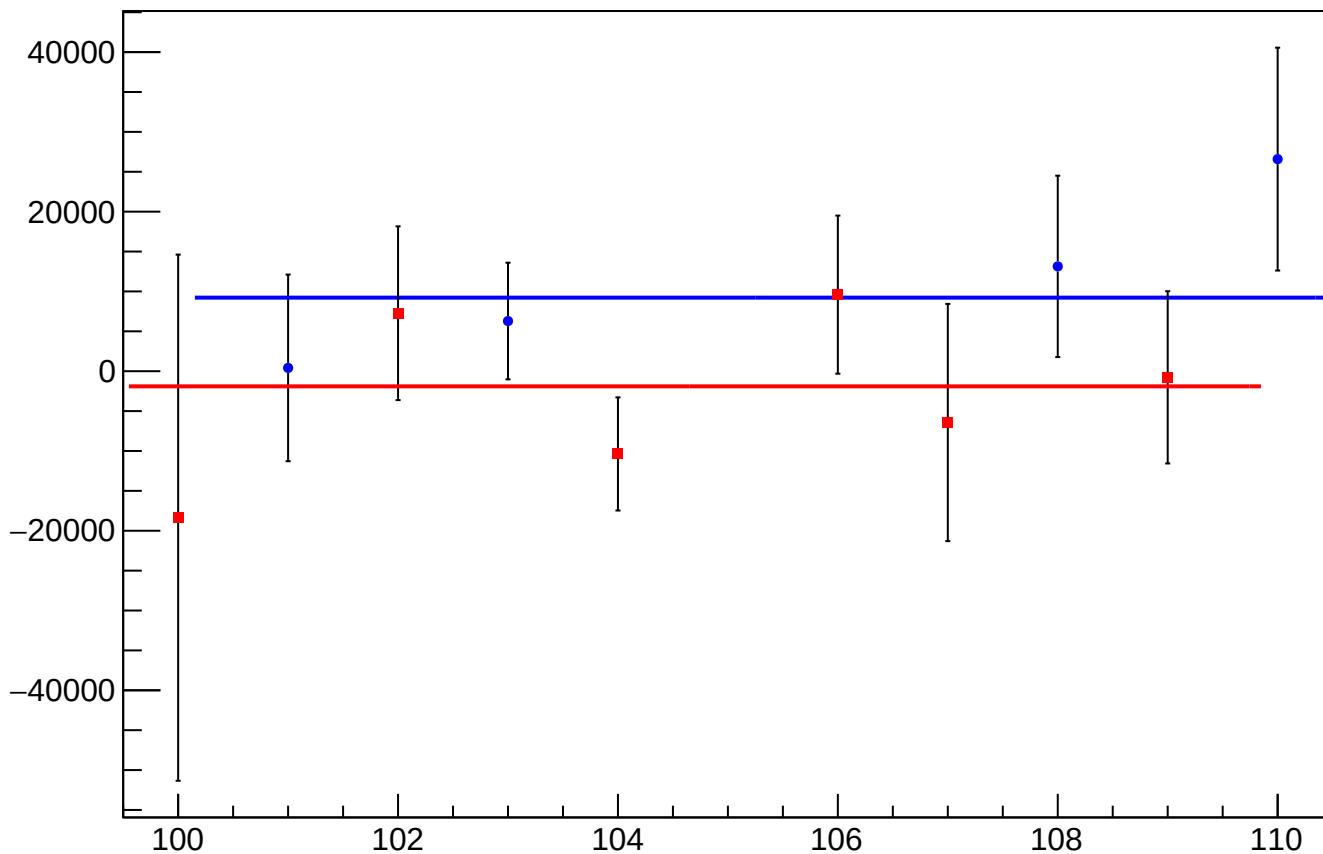
Right: 6235.101+/-2.162 χ^2 /NDF: 384815.4/9

In: 7125.985+/-3.591 χ^2 /NDF:88676.9/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 6235.101+/-2.162 χ^2 /NDF: 384815.4/9

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 9221.975+/-5071.498 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1898.158+/-4364.023 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

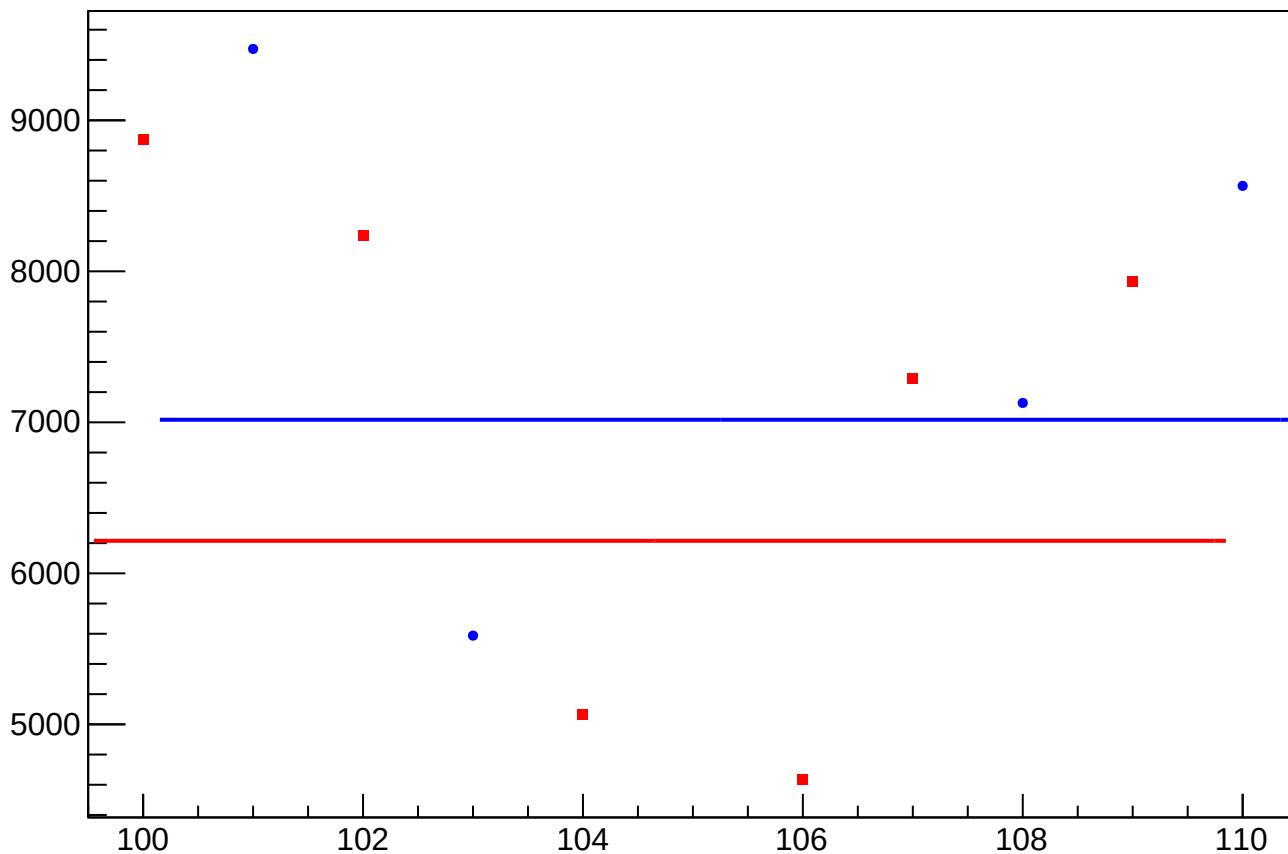
Right: 2832.782+/-3307.920 χ^2/NDF : 9.0/9

In: 9221.975+/-5071.498 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2832.782+/-3307.920 χ^2/NDF : 9.0/9

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7017.031+/-3.586 χ^2/NDF : 189418.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6215.387+/-3.085 χ^2/NDF : 246612.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

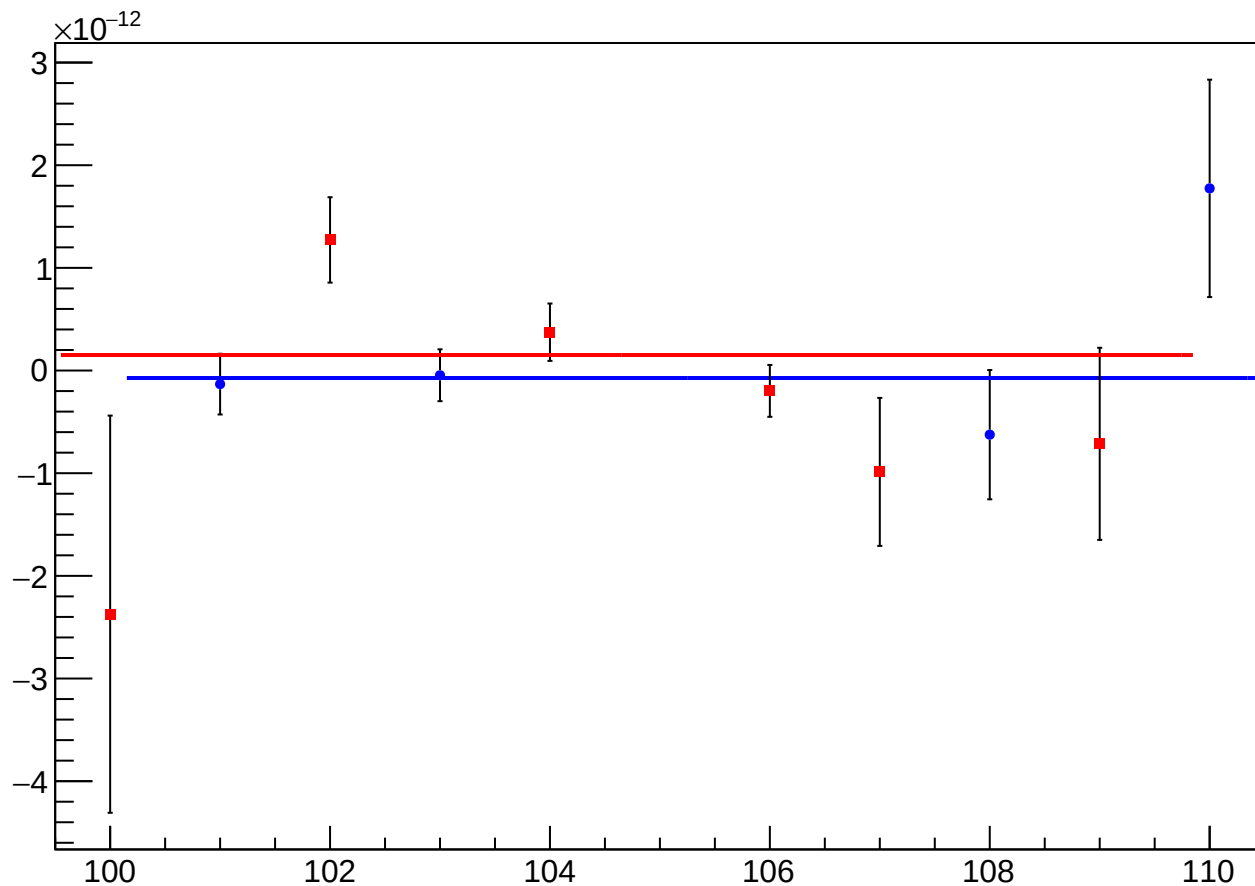
Right: 6556.377+/-2.339 χ^2/NDF : 464748.4/9

In: 7017.031+/-3.586 χ^2/NDF : 189418.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6556.377+/-2.339 χ^2/NDF : 464748.4/9

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

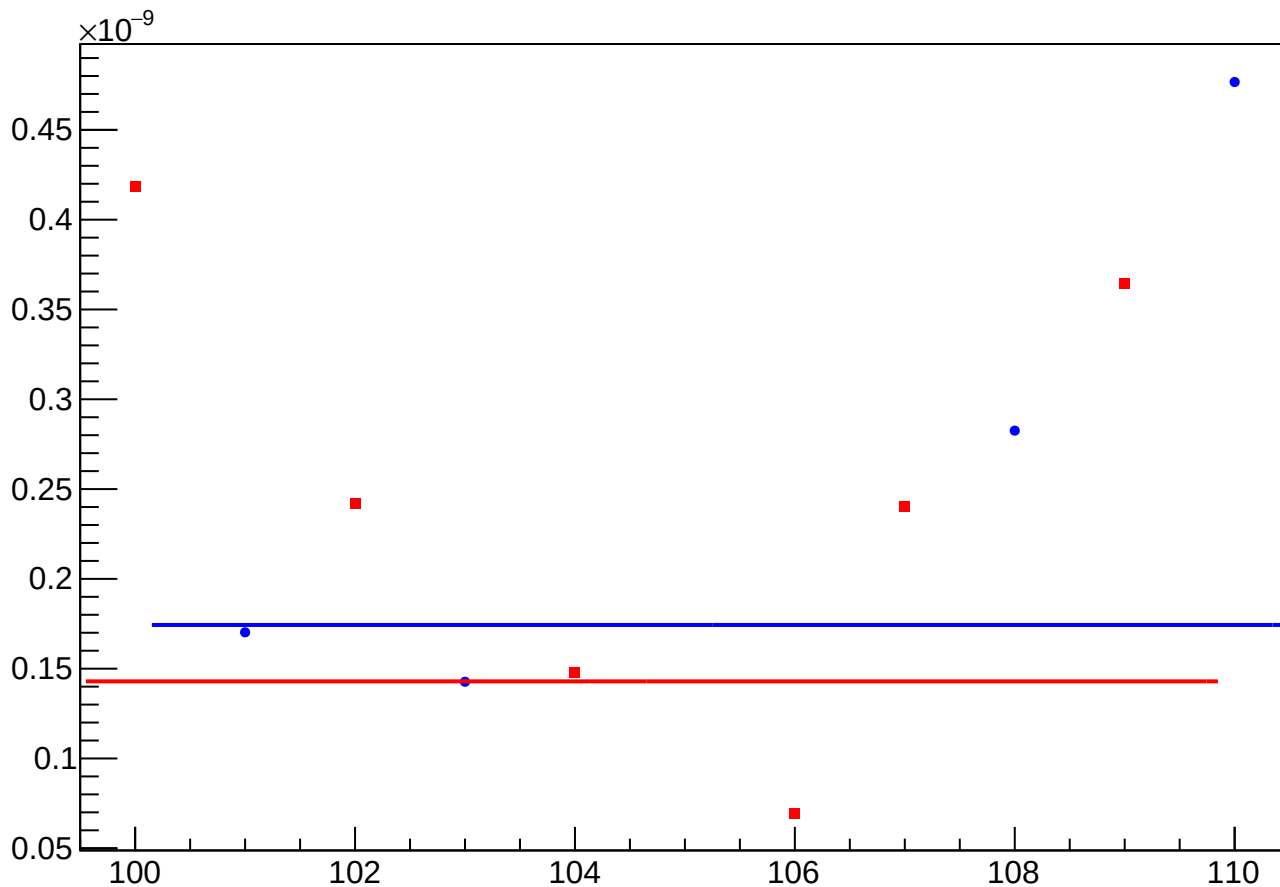
Right: 0.000+/-0.000 χ^2/NDF : 19.6/9

In: -0.000+/-0.000 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.6/9

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 253819.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 472545.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

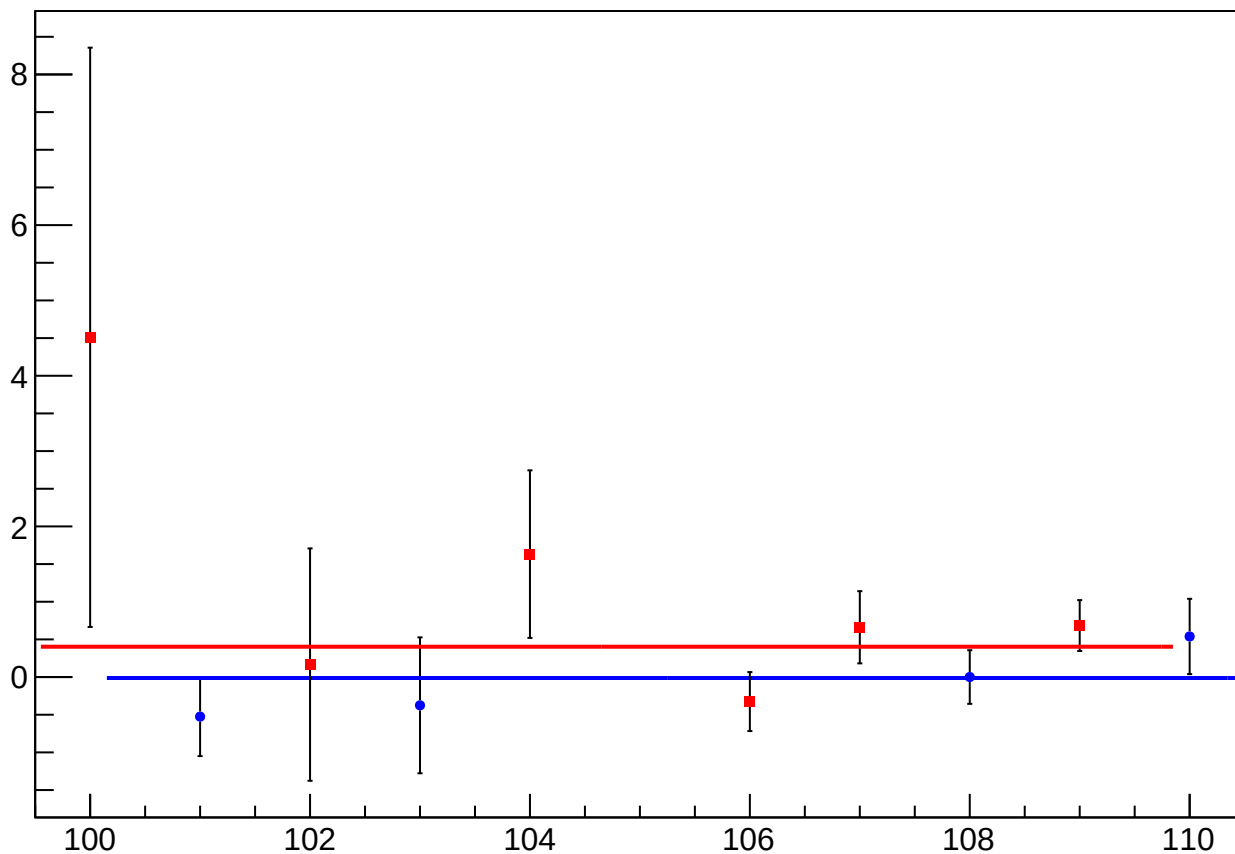
Right: 0.000+/-0.000 χ^2/NDF : 759590.7/9

In: 0.000+/-0.000 χ^2/NDF : 253819.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 759590.7/9

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 ± 0.244 χ^2/NDF : 2.3/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.403 ± 0.219 χ^2/NDF : 6.8/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

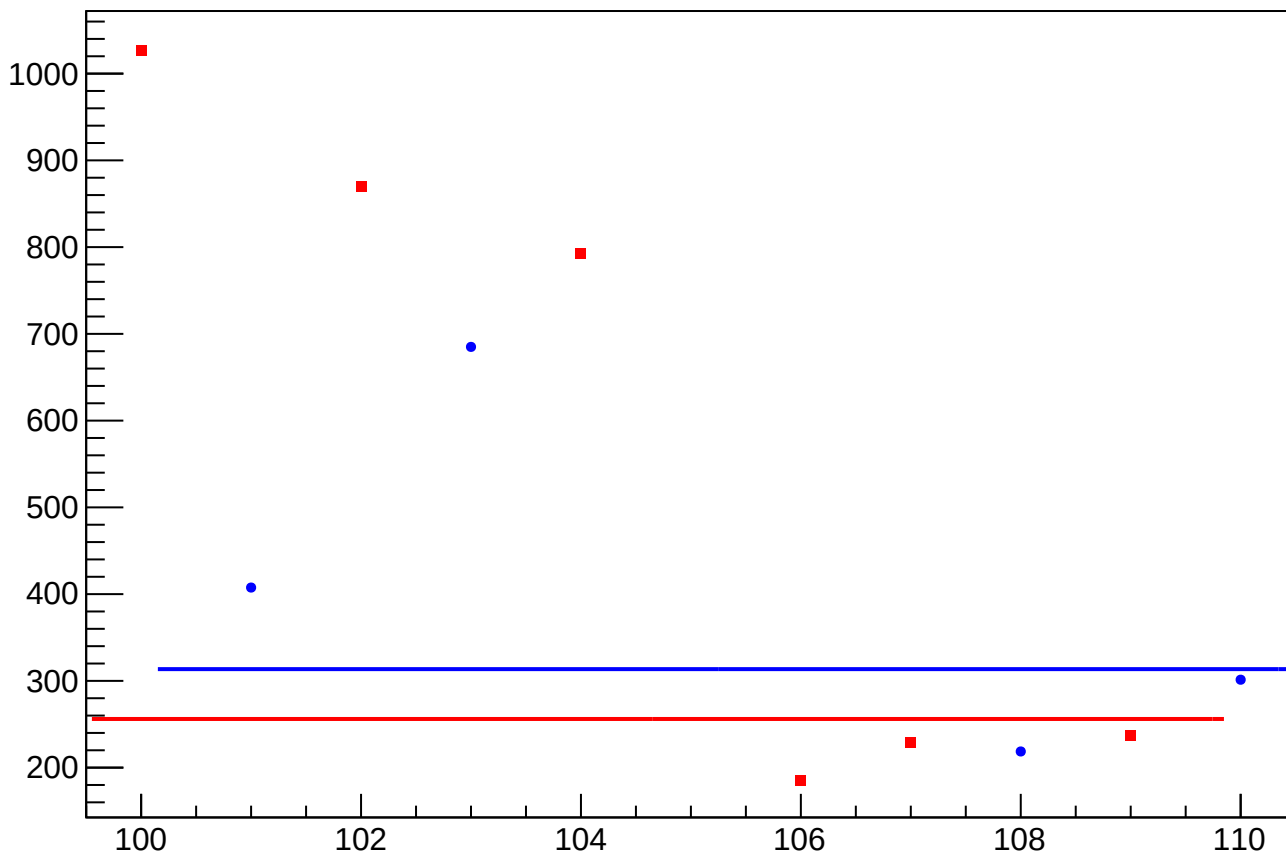
Right: 0.218 ± 0.163 χ^2/NDF : 10.8/9

In: -0.012 ± 0.244 χ^2/NDF : 2.3/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.218 ± 0.163 χ^2/NDF : 10.8/9

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 313.549+/-0.173 χ^2/NDF : 546761.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.086+/-0.155 χ^2/NDF : 940864.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

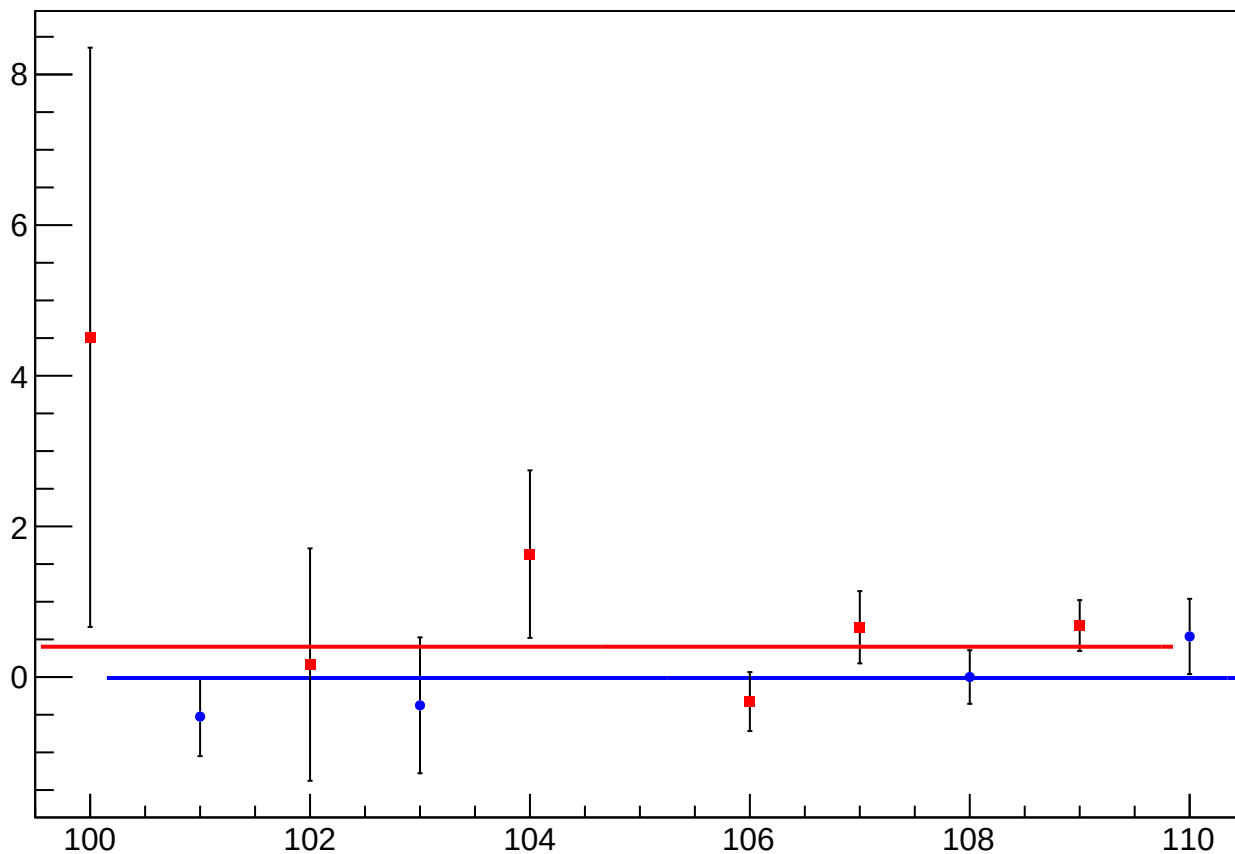
Right: 281.638+/-0.115 χ^2/NDF : 1549102.7/9

In: 313.549+/-0.173 χ^2/NDF : 546761.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.638+/-0.115 χ^2/NDF : 1549102.7/9

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 ± 0.244 χ^2/NDF : 2.3/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.403 ± 0.219 χ^2/NDF : 6.8/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

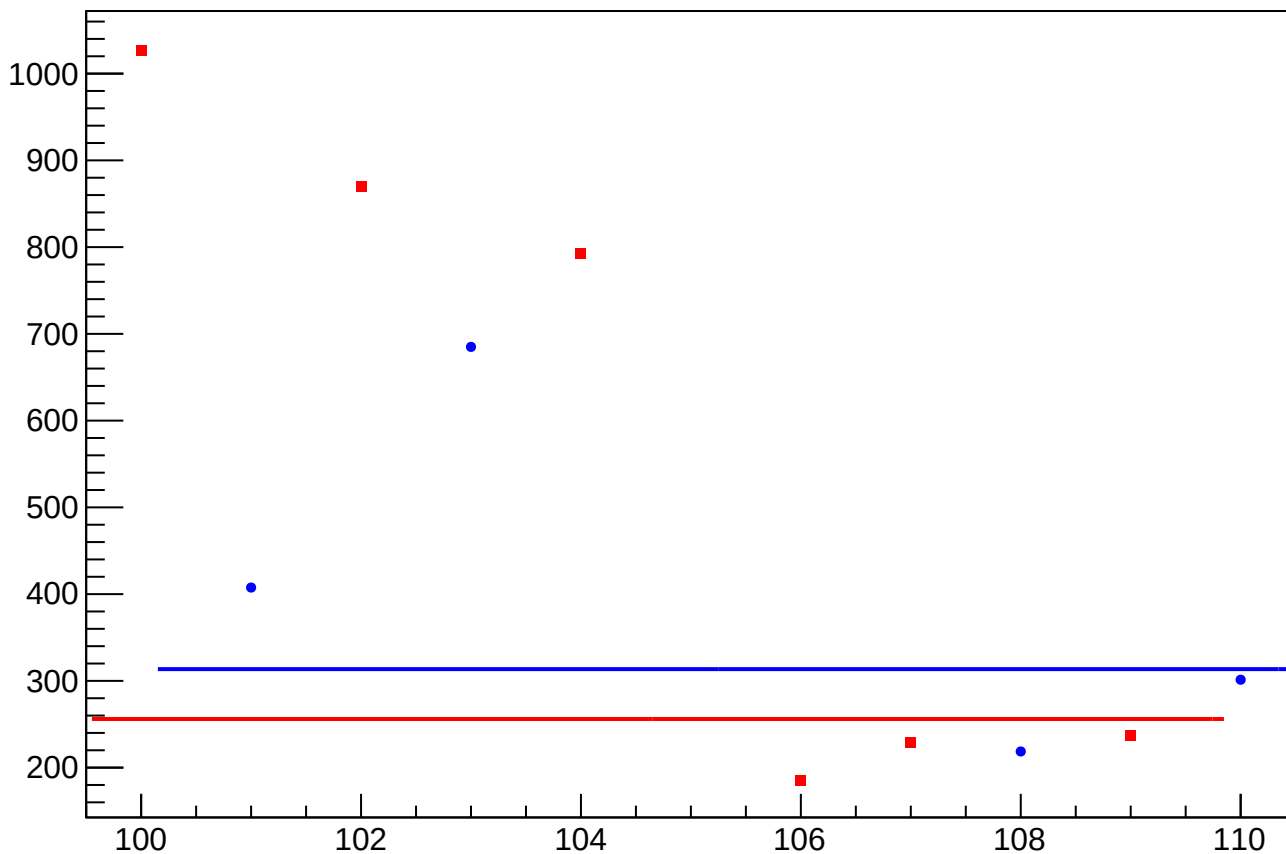
Right: 0.218 ± 0.163 χ^2/NDF : 10.8/9

In: -0.012 ± 0.244 χ^2/NDF : 2.3/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.218 ± 0.163 χ^2/NDF : 10.8/9

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 313.549+/-0.173 χ^2/NDF : 546761.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.086+/-0.155 χ^2/NDF : 940864.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

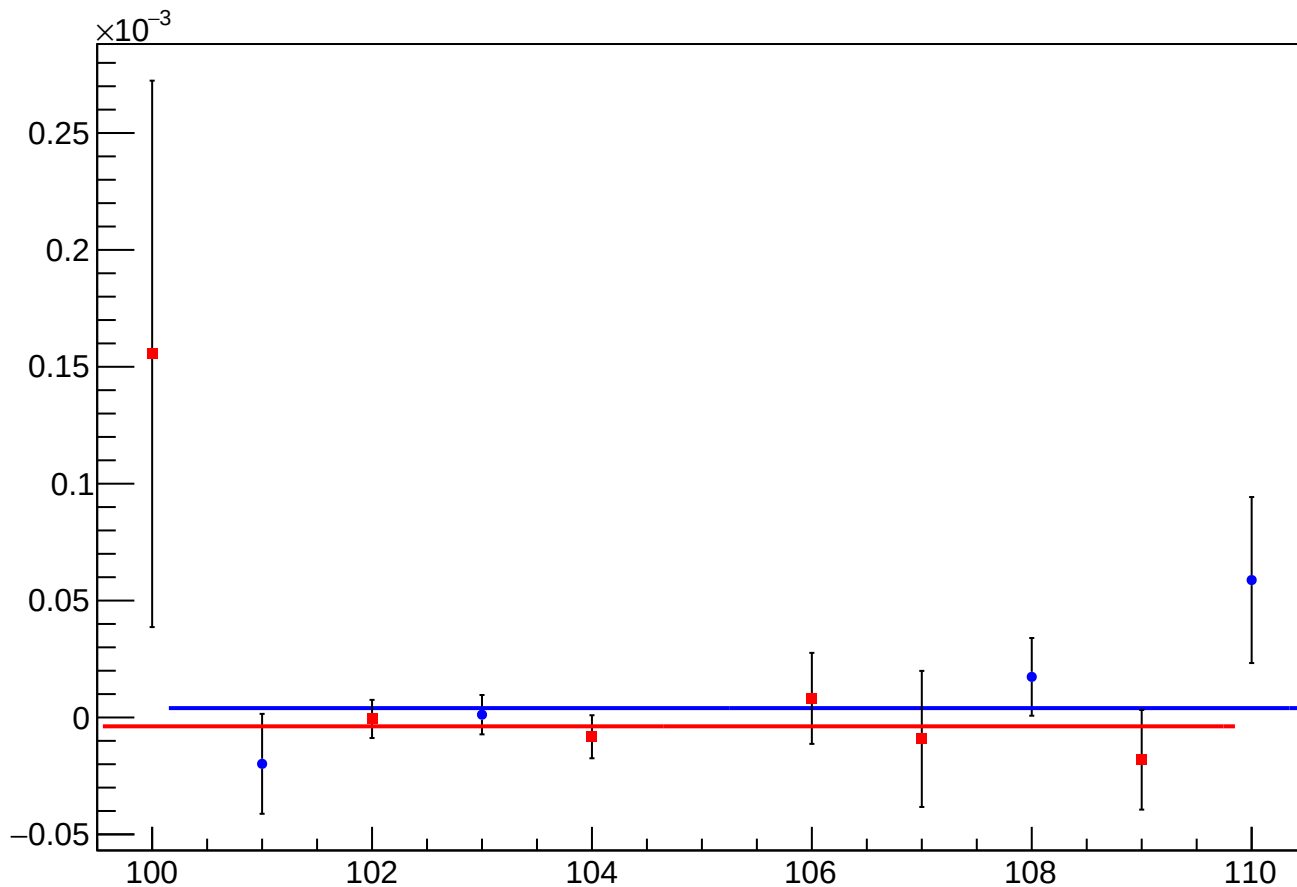
Right: 281.638+/-0.115 χ^2/NDF : 1549102.7/9

In: 313.549+/-0.173 χ^2/NDF : 546761.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.638+/-0.115 χ^2/NDF : 1549102.7/9

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

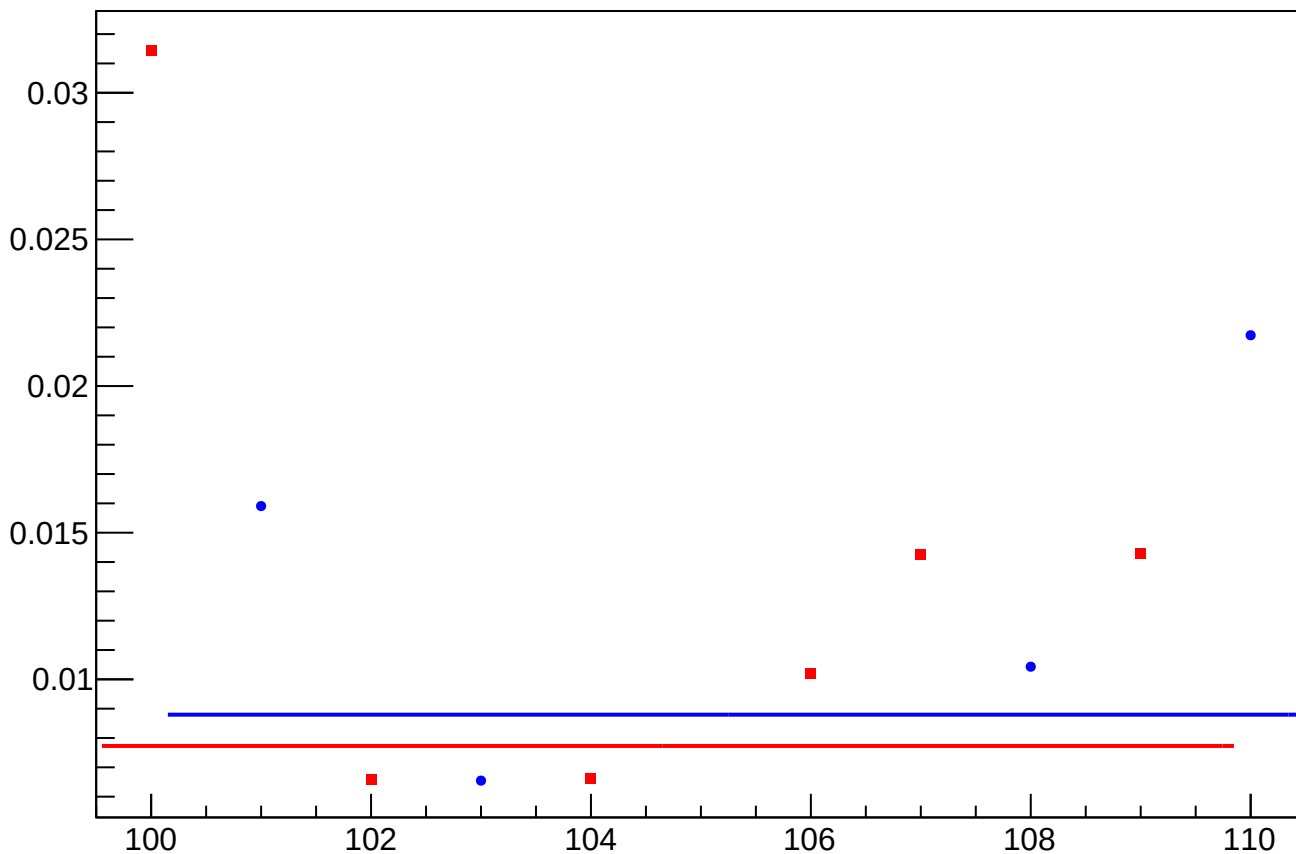
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.3/9

In: 0.000 $\pm$ 0.000 χ^2 /NDF:4.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.3/9

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 649222.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 474000.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

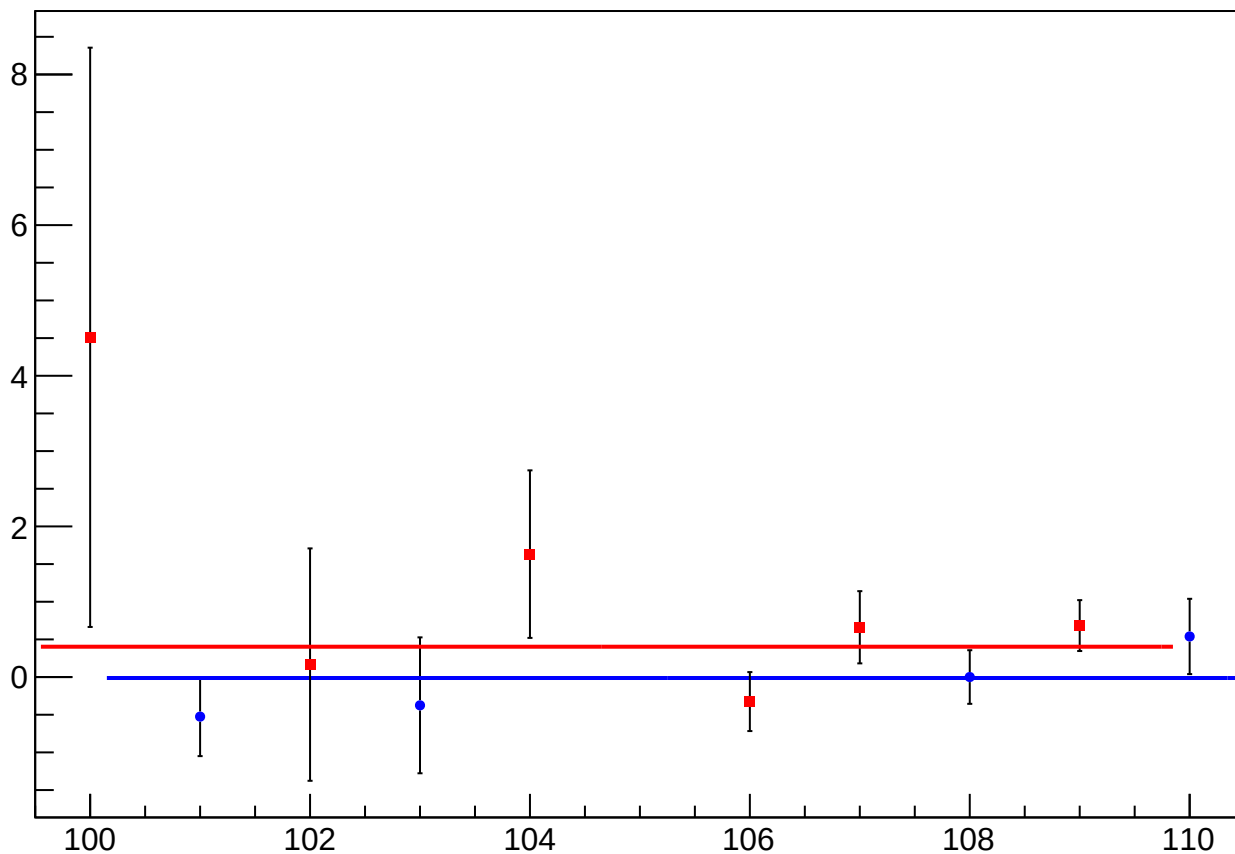
Right: 0.008+/-0.000 χ^2/NDF : 1152196.3/9

In: 0.009+/-0.000 χ^2/NDF : 649222.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1152196.3/9

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 ± 0.244 χ^2/NDF : 2.3/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.403 ± 0.219 χ^2/NDF : 6.8/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

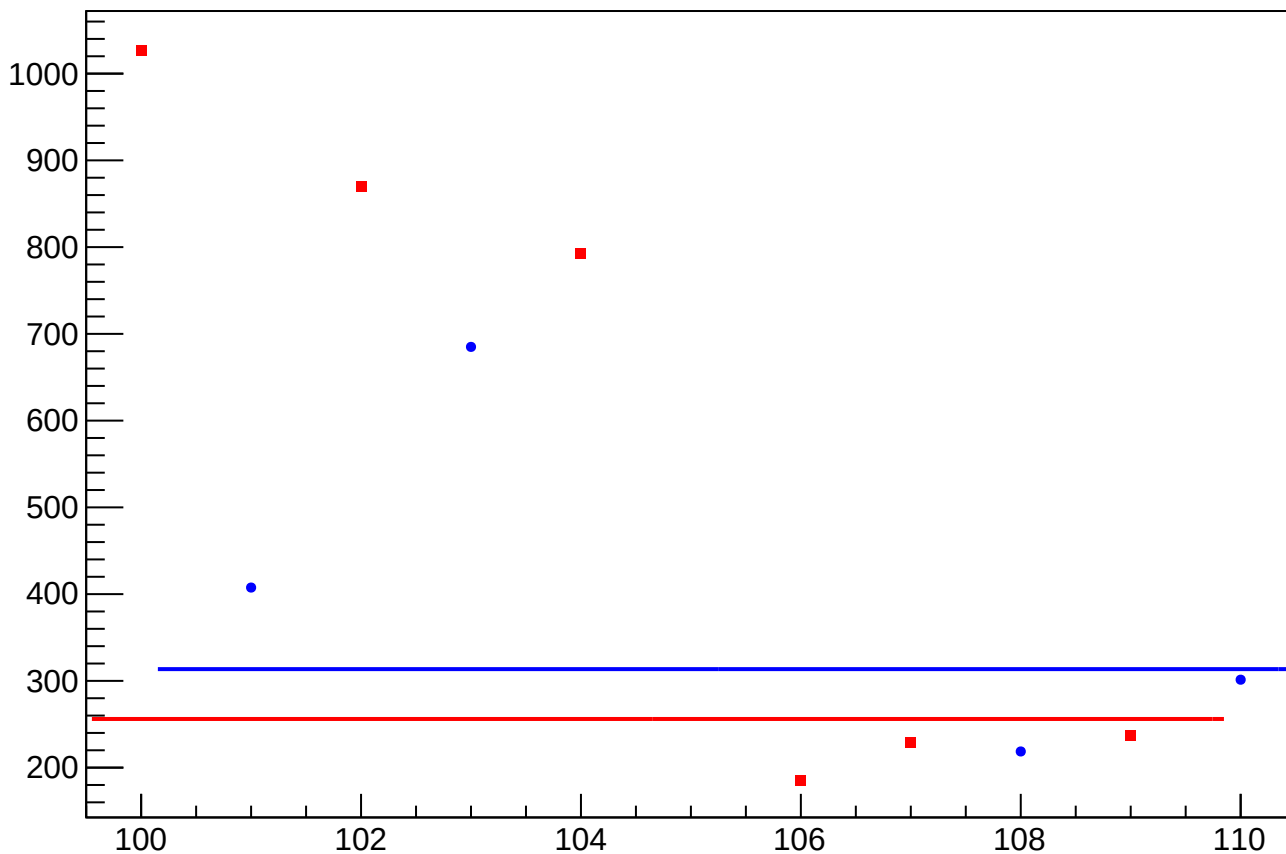
Right: 0.218 ± 0.163 χ^2/NDF : 10.8/9

In: -0.012 ± 0.244 χ^2/NDF : 2.3/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.218 ± 0.163 χ^2/NDF : 10.8/9

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 313.554+/-0.173 χ^2/NDF : 546737.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.087+/-0.155 χ^2/NDF : 940863.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

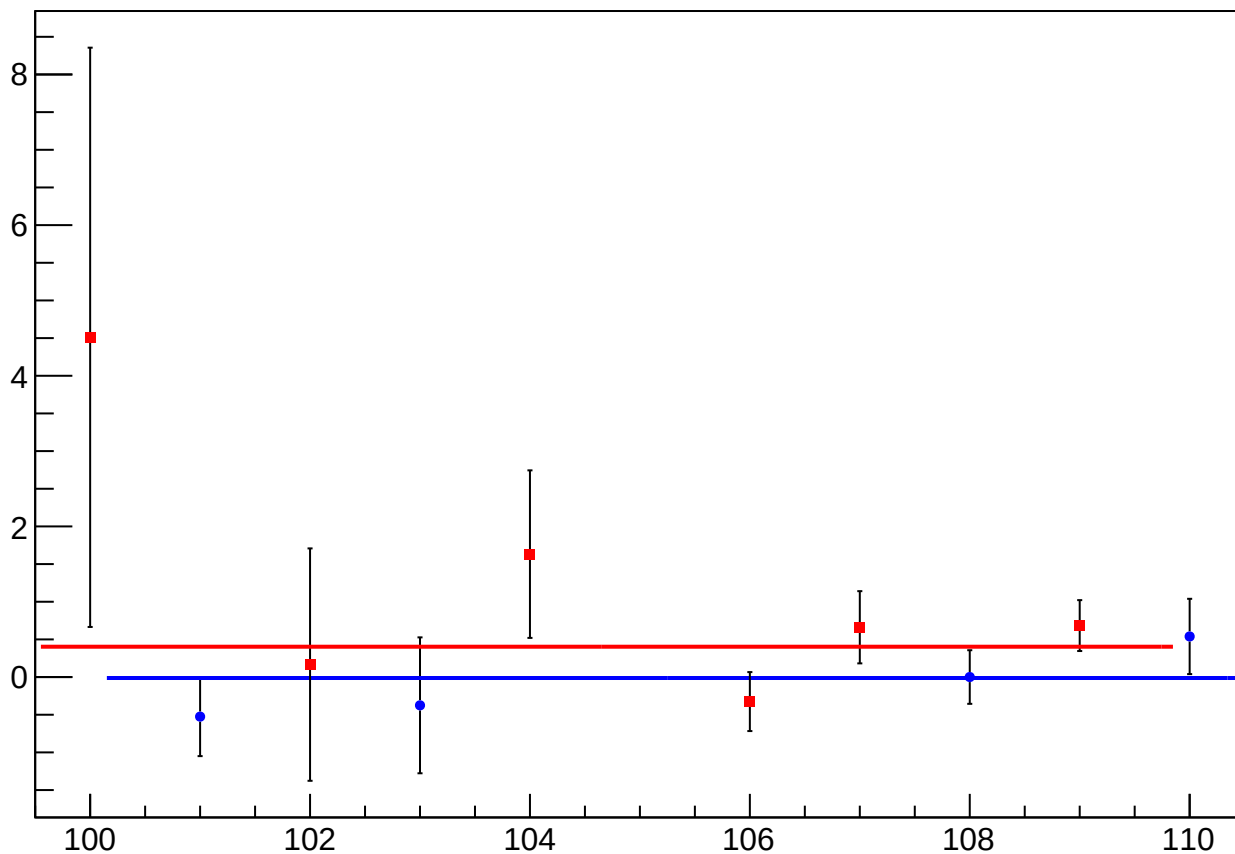
Right: 281.640+/-0.115 χ^2/NDF : 1549087.7/9

In: 313.554+/-0.173 χ^2/NDF : 546737.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.640+/-0.115 χ^2/NDF : 1549087.7/9

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 ± 0.244 χ^2/NDF : 2.3/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.403 ± 0.219 χ^2/NDF : 6.8/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

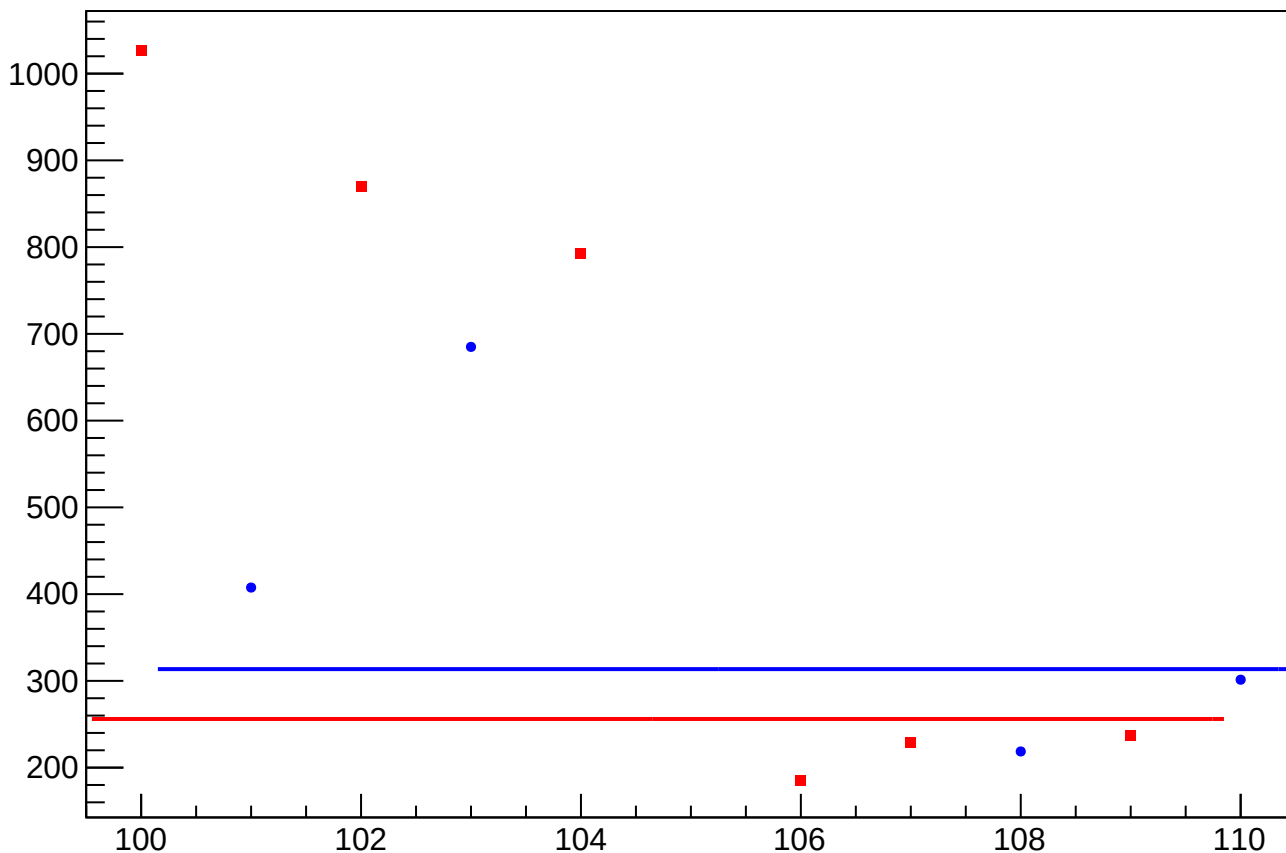
Right: 0.218 ± 0.163 χ^2/NDF : 10.8/9

In: -0.012 ± 0.244 χ^2/NDF : 2.3/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.218 ± 0.163 χ^2/NDF : 10.8/9

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 313.554+/-0.173 χ^2/NDF : 546737.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.087+/-0.155 χ^2/NDF : 940863.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

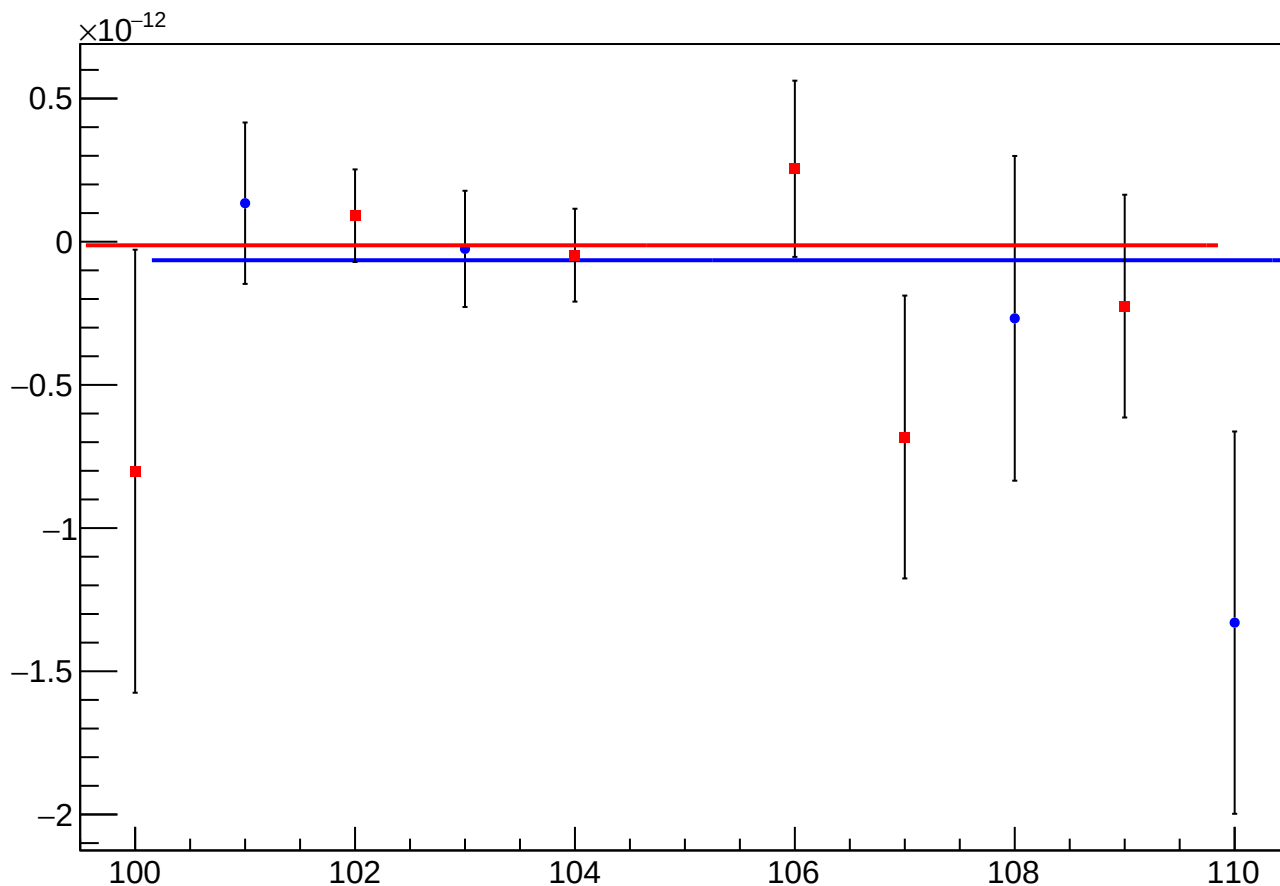
Right: 281.640+/-0.115 χ^2/NDF : 1549087.7/9

In: 313.554+/-0.173 χ^2/NDF : 546737.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.640+/-0.115 χ^2/NDF : 1549087.7/9

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

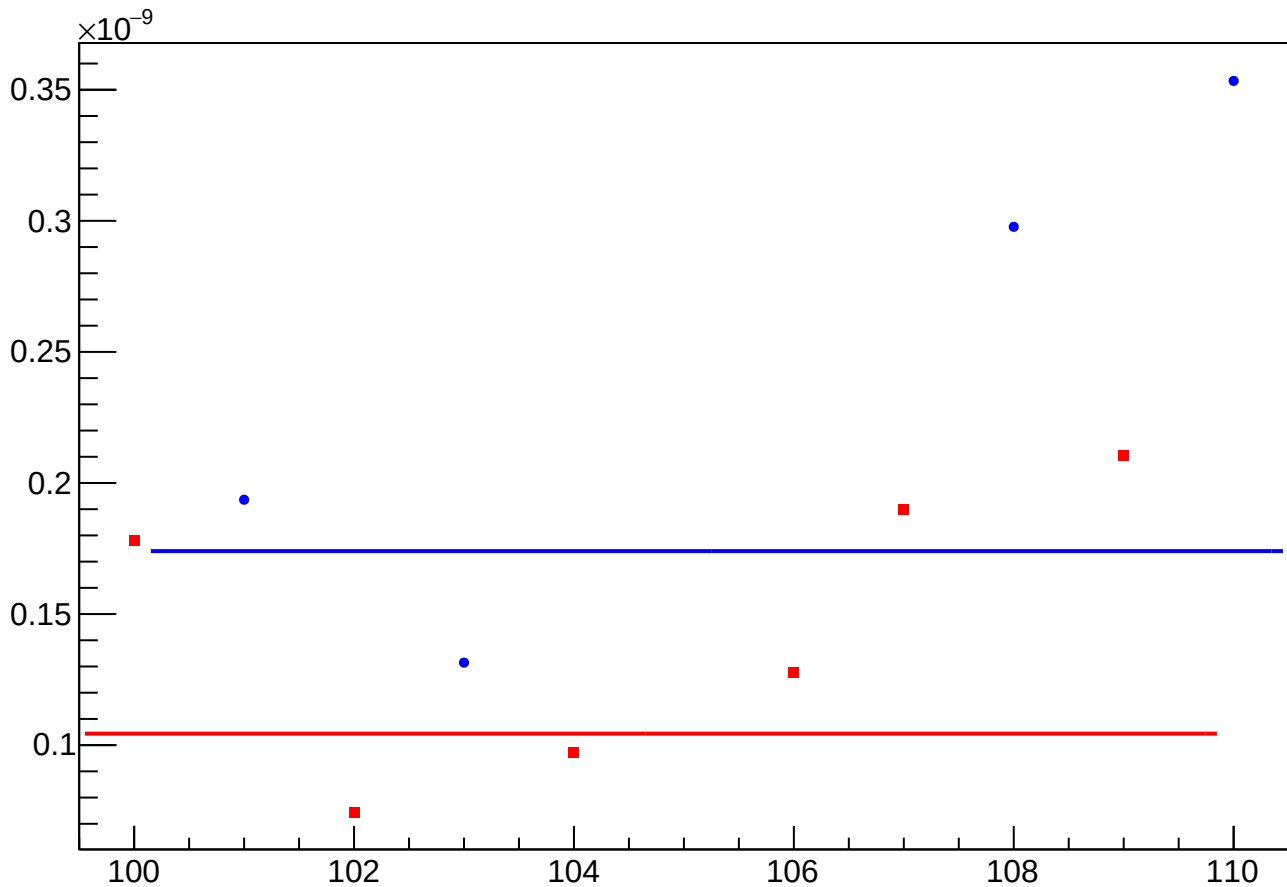
Right: -0.000+/-0.000 χ^2/NDF : 8.7/9

In: -0.000+/-0.000 χ^2/NDF : 4.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.7/9

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 337267.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 310744.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

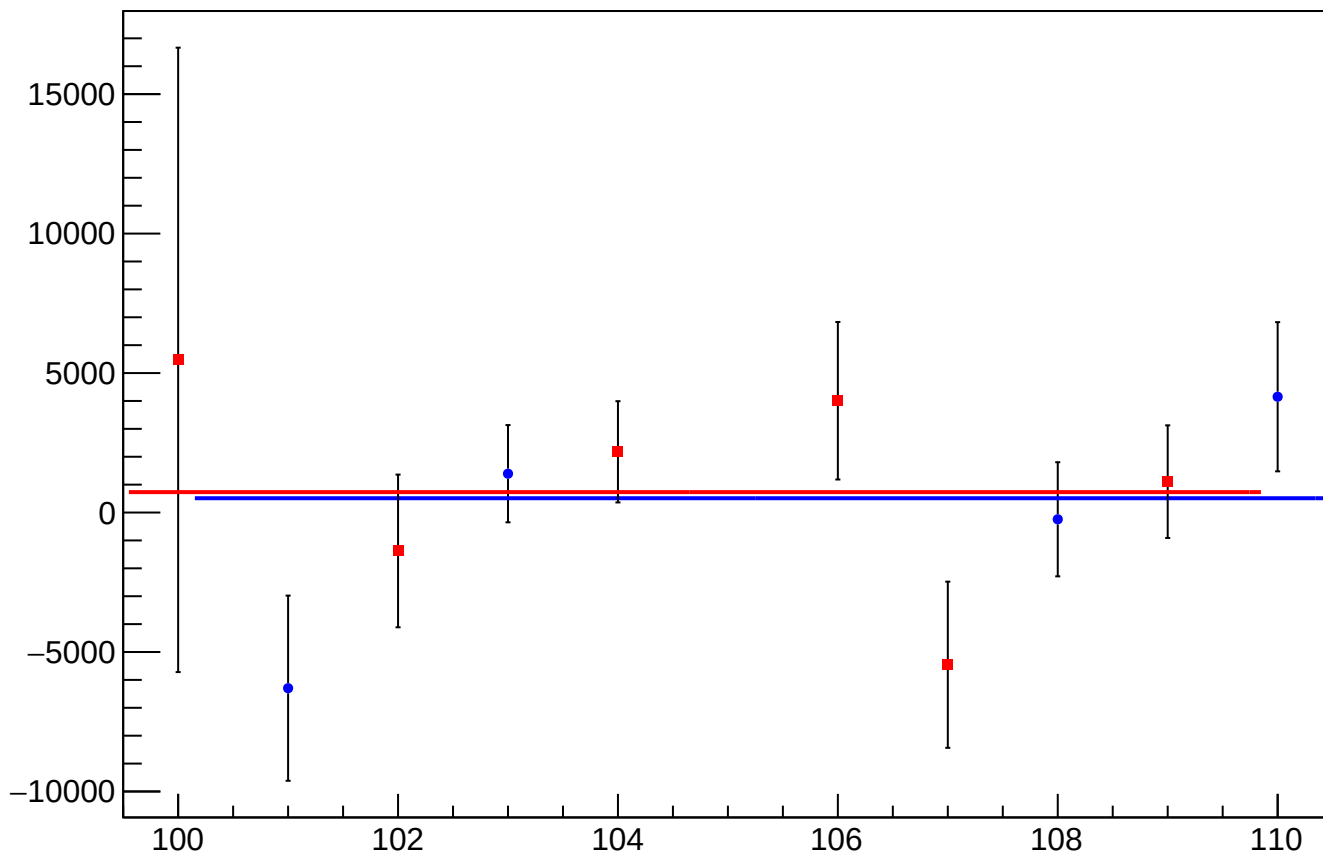
Right: 0.000+/-0.000 χ^2/NDF : 935354.0/9

In: 0.000+/-0.000 χ^2/NDF : 337267.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 935354.0/9

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 512.740+/-1119.017 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 732.128+/-1037.829 χ^2/NDF : 7.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

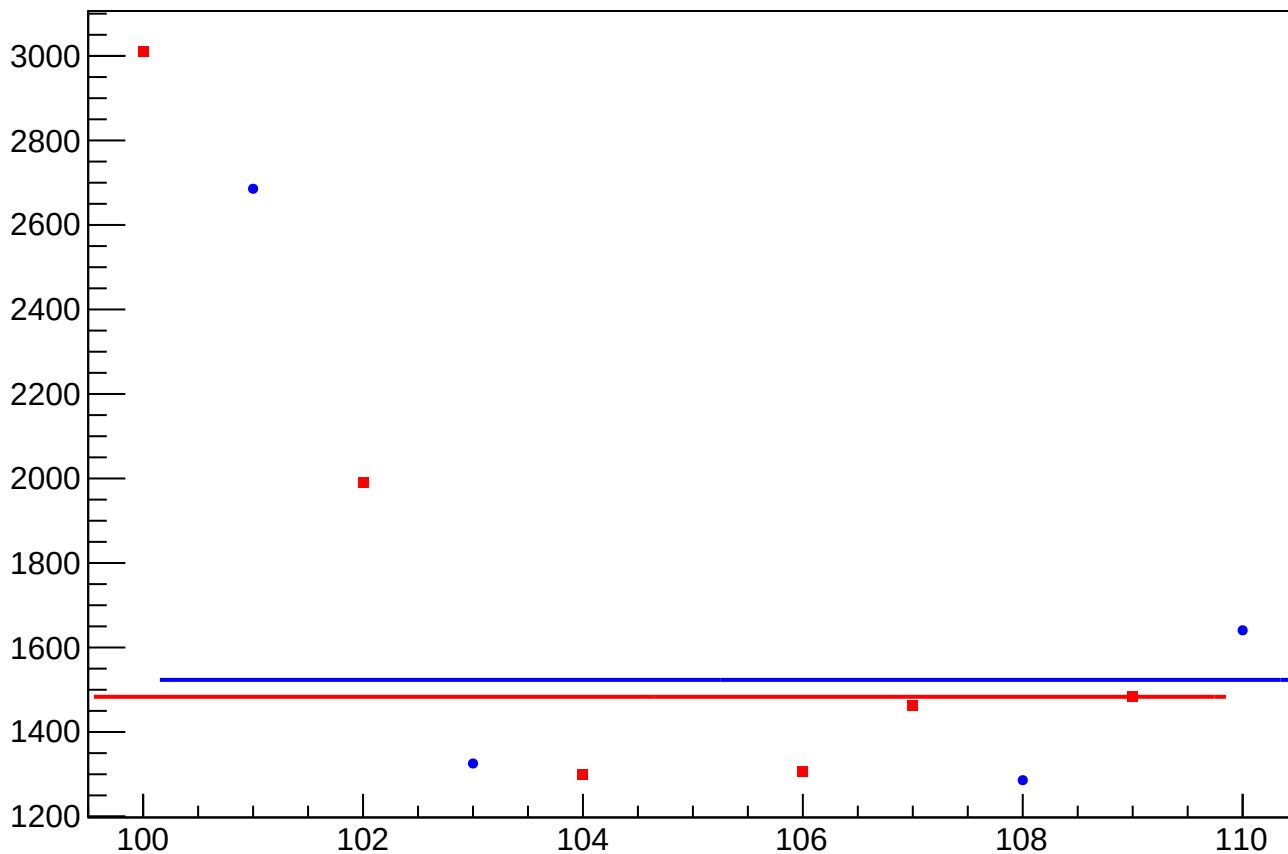
Right: 630.680+/-760.941 χ^2/NDF : 13.6/9

In: 512.740+/-1119.017 χ^2/NDF : 6.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.680+/-760.941 χ^2/NDF : 13.6/9

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1523.400+/-0.791 χ^2/NDF : 301692.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1483.387+/-0.734 χ^2/NDF : 133961.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

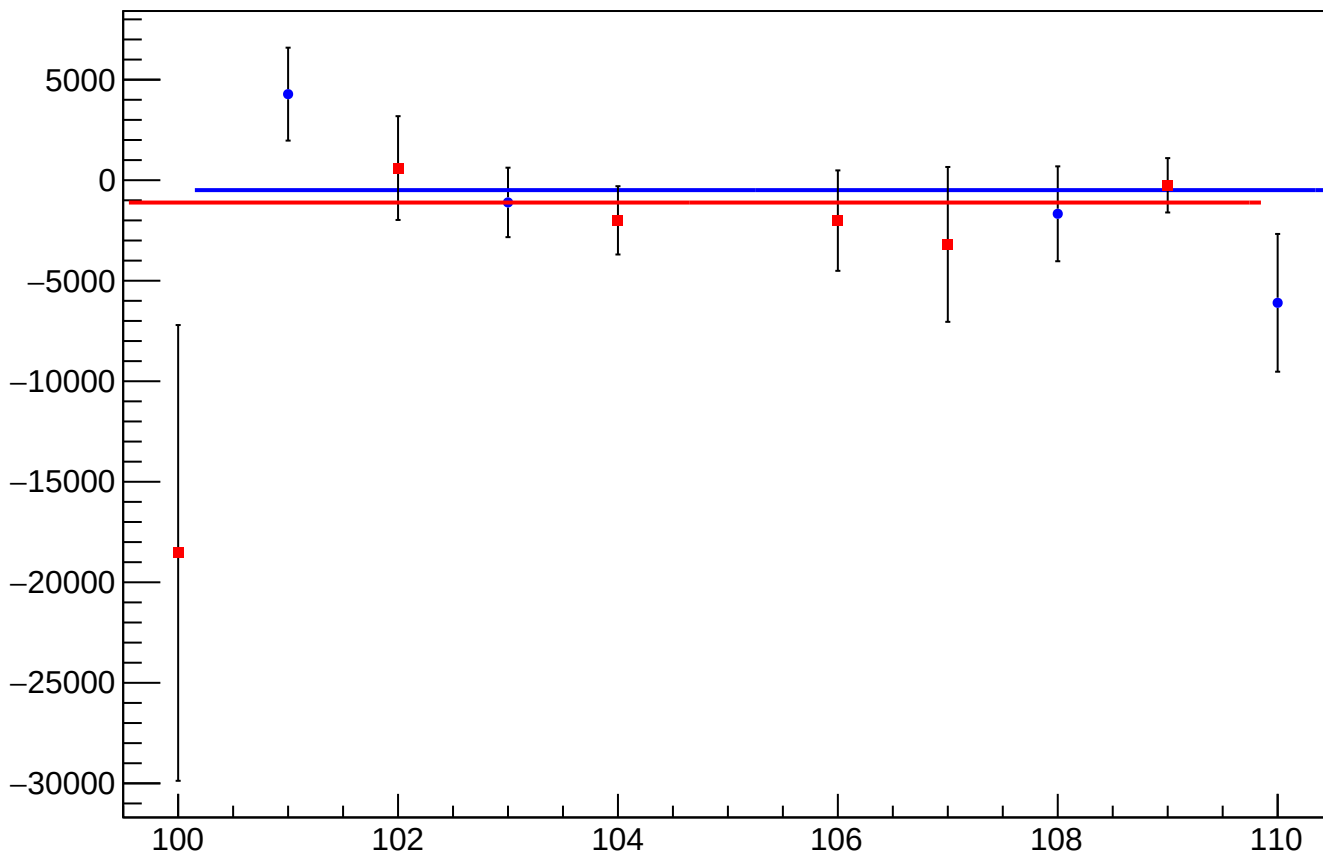
Right: 1501.889+/-0.538 χ^2/NDF : 437028.6/9

In: 1523.400+/-0.791 χ^2/NDF : 301692.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1501.889+/-0.538 χ^2/NDF : 437028.6/9

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -493.621+/-1127.222 χ^2/NDF : 7.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1111.568+/-884.202 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

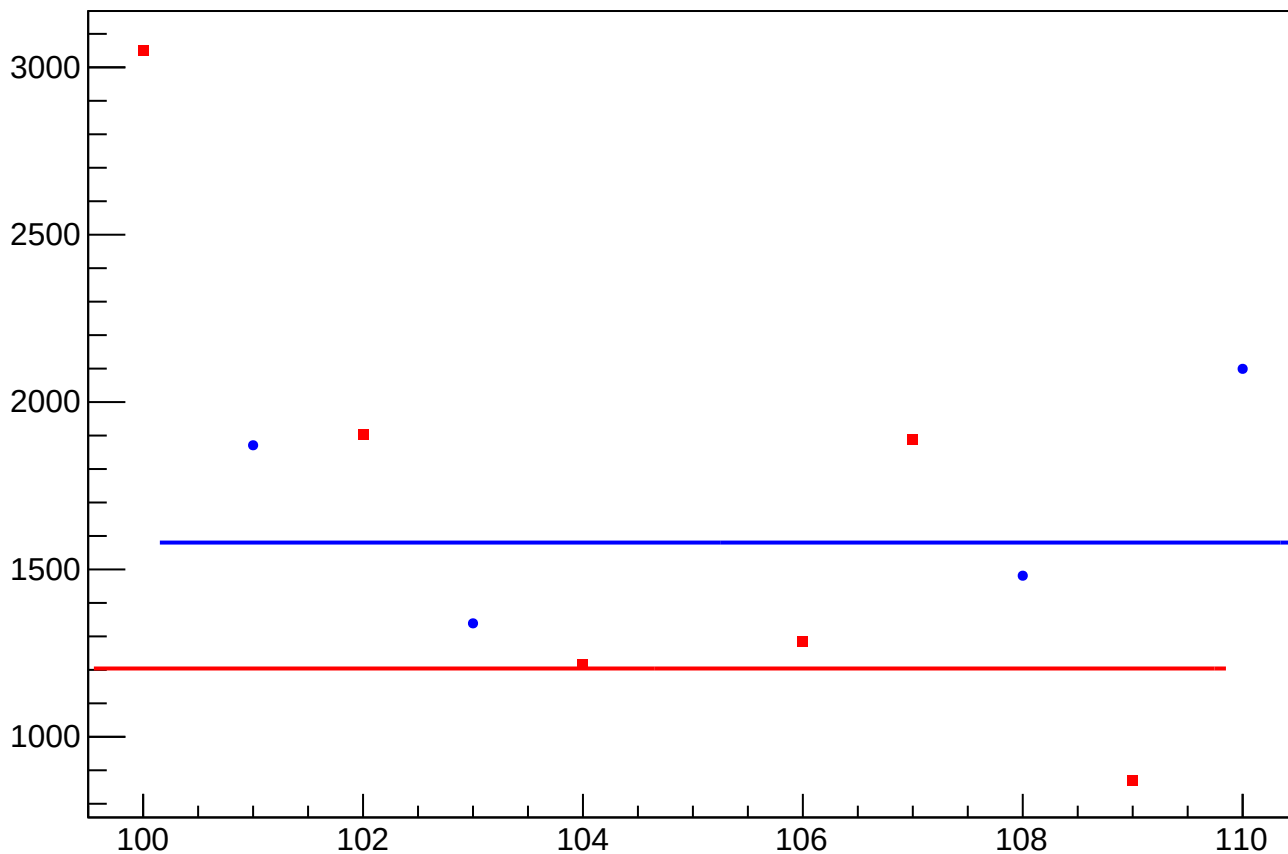
Right: -876.180+/-695.706 χ^2/NDF : 11.4/9

In: -493.621+/-1127.222 χ^2/NDF : 7.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -876.180+/-695.706 χ^2/NDF : 11.4/9

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1580.310+/-0.797 χ^2/NDF : 120073.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1204.098+/-0.625 χ^2/NDF : 387984.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

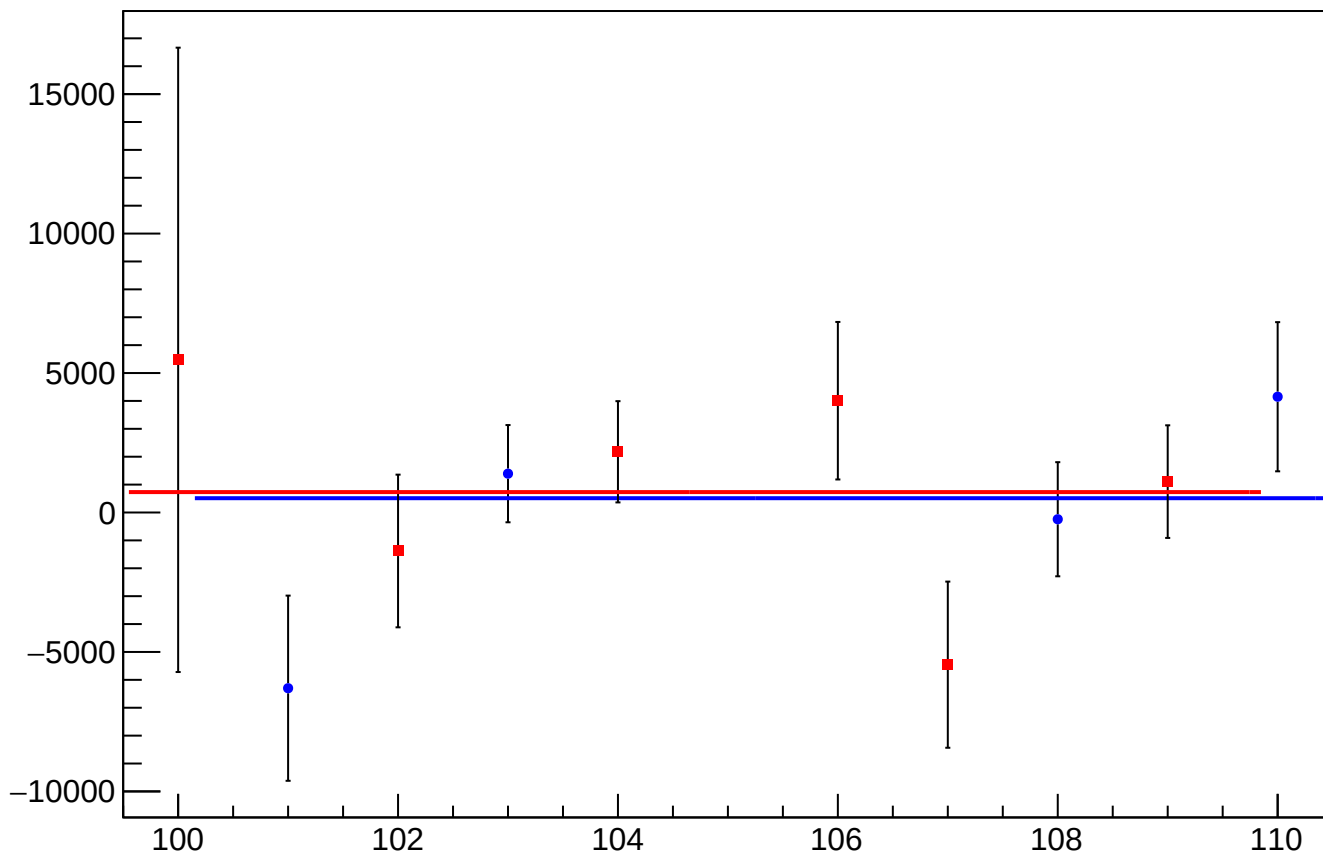
Right: 1347.404+/-0.492 χ^2/NDF : 645976.7/9

In: 1580.310+/-0.797 χ^2/NDF : 120073.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.404+/-0.492 χ^2/NDF : 645976.7/9

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 512.387+/-1119.017 χ^2/NDF : 6.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 731.665+/-1037.829 χ^2/NDF : 7.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

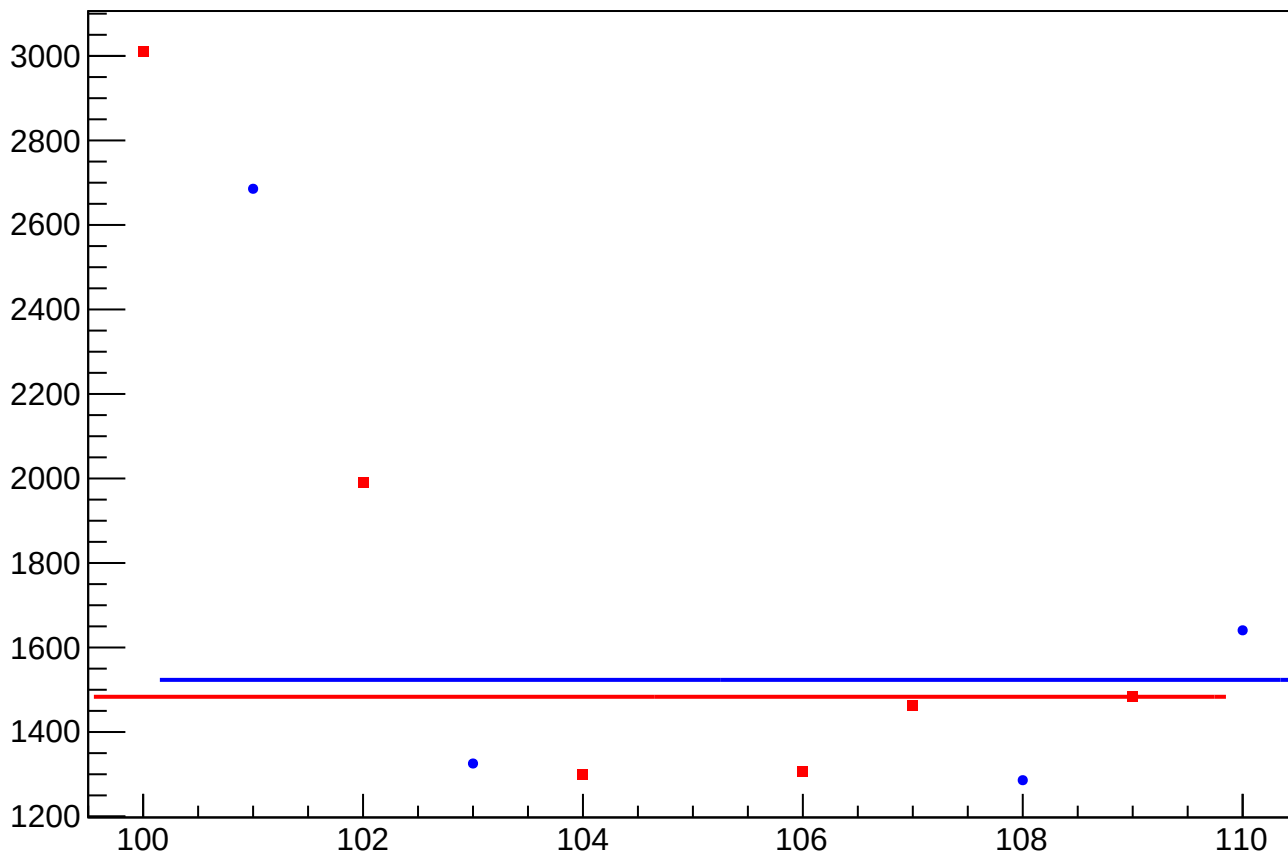
Right: 630.269+/-760.941 χ^2/NDF : 13.6/9

In: 512.387+/-1119.017 χ^2/NDF : 6.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.269+/-760.941 χ^2/NDF : 13.6/9

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1523.399+/-0.791 χ^2/NDF : 301692.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1483.387+/-0.734 χ^2/NDF : 133961.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

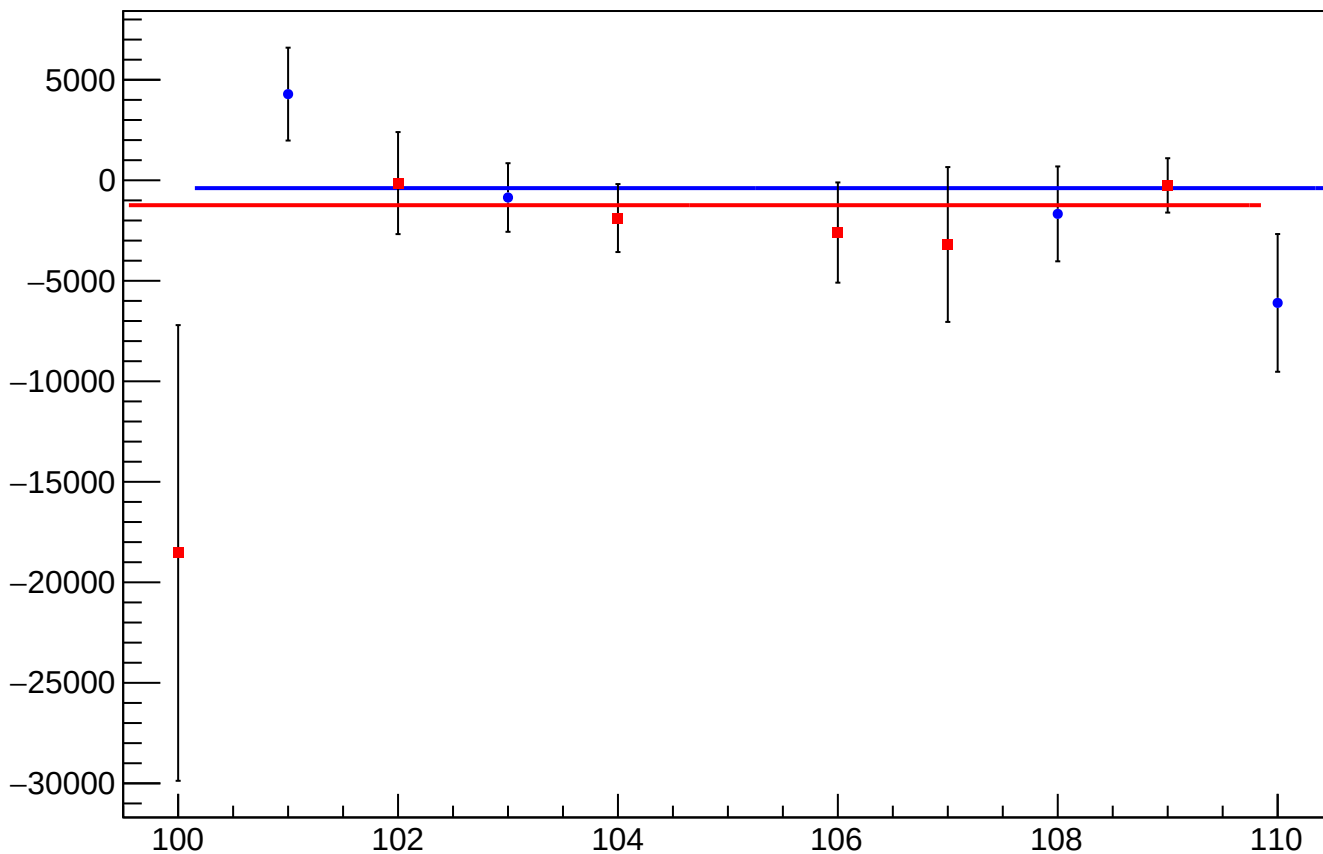
Right: 1501.889+/-0.538 χ^2/NDF : 437028.4/9

In: 1523.399+/-0.791 χ^2/NDF : 301692.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1501.889+/-0.538 χ^2/NDF : 437028.4/9

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -389.865+/-1121.169 χ^2/NDF : 7.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1238.802+/-881.133 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

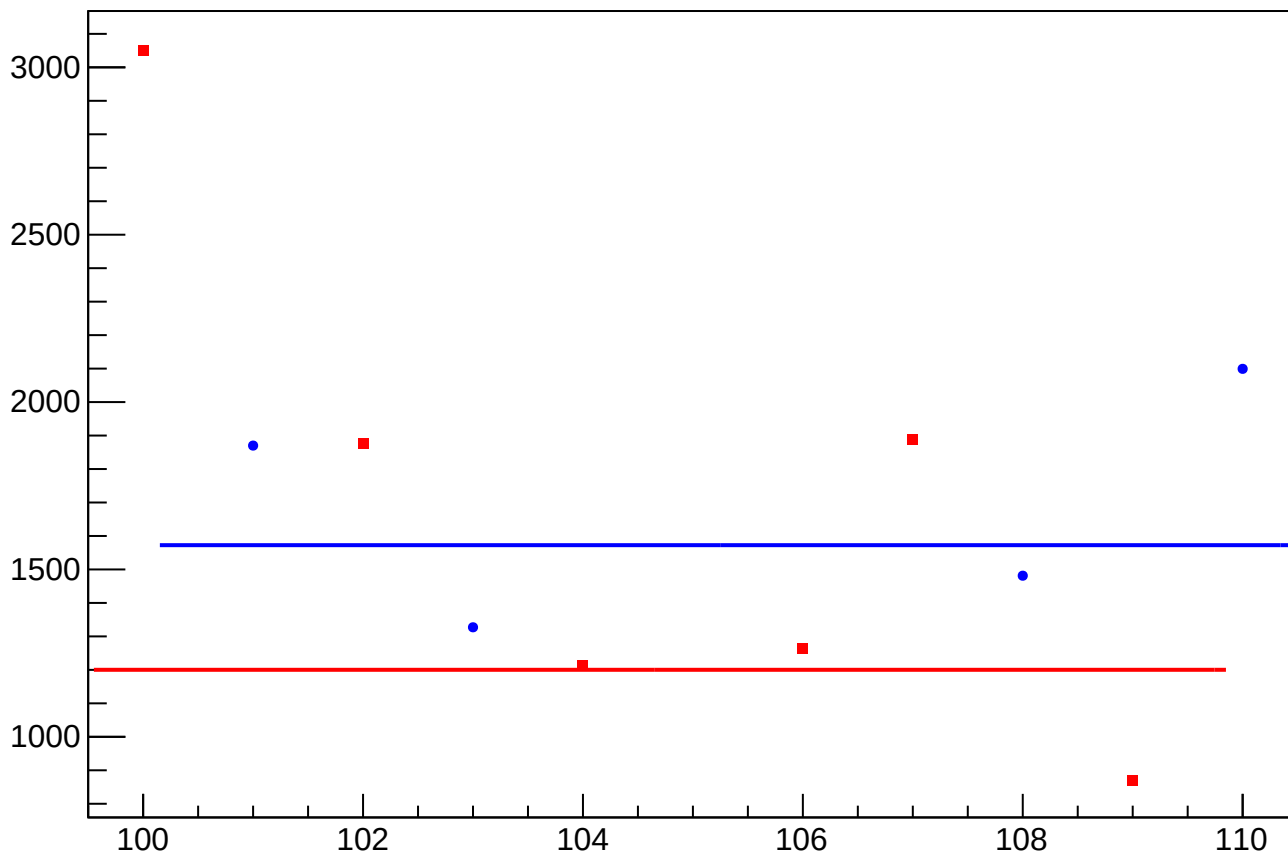
Right: -914.662+/-692.787 χ^2/NDF : 11.3/9

In: -389.865+/-1121.169 χ^2/NDF : 7.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -914.662+/-692.787 χ^2/NDF : 11.3/9

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1572.527+/-0.793 χ^2/NDF : 124769.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.207+/-0.623 χ^2/NDF : 379615.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

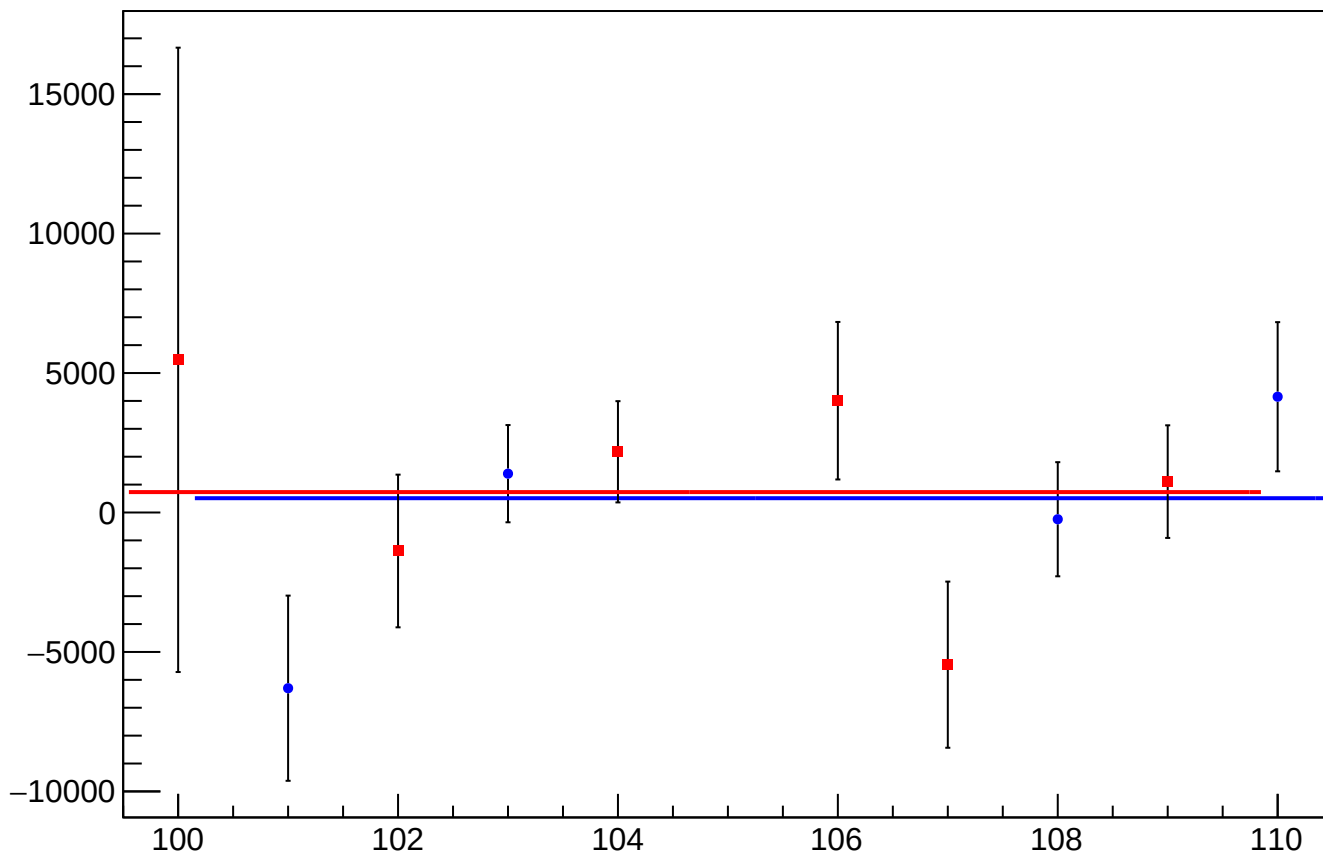
Right: 1342.366+/-0.490 χ^2/NDF : 640729.1/9

In: 1572.527+/-0.793 χ^2/NDF : 124769.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1342.366+/-0.490 χ^2/NDF : 640729.1/9

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 512.387+/-1119.017 χ^2/NDF : 6.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 731.665+/-1037.829 χ^2/NDF : 7.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

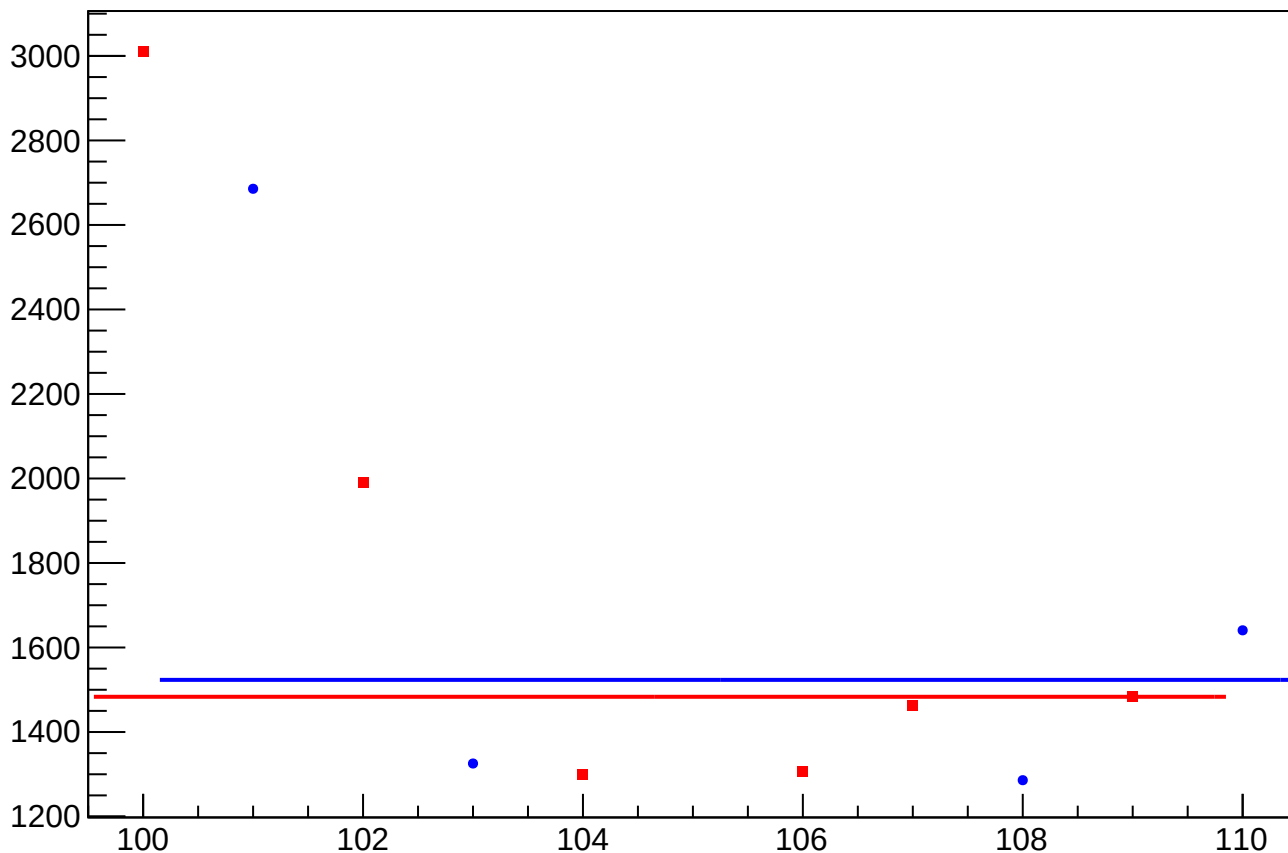
Right: 630.269+/-760.941 χ^2/NDF : 13.6/9

In: 512.387+/-1119.017 χ^2/NDF : 6.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.269+/-760.941 χ^2/NDF : 13.6/9

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1523.399+/-0.791 χ^2/NDF : 301692.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1483.387+/-0.734 χ^2/NDF : 133961.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

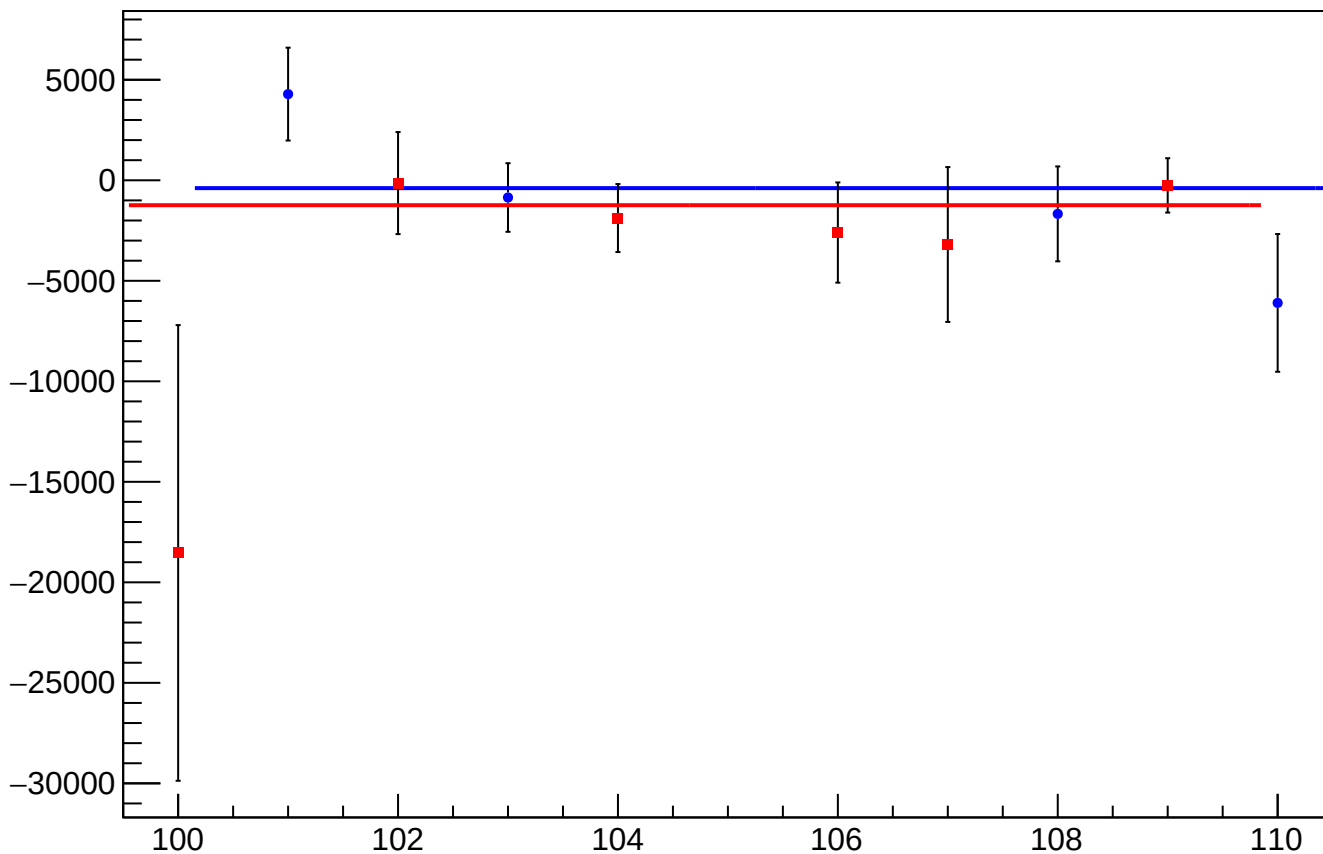
Right: 1501.889+/-0.538 χ^2/NDF : 437028.4/9

In: 1523.399+/-0.791 χ^2/NDF : 301692.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1501.889+/-0.538 χ^2/NDF : 437028.4/9

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -389.865+/-1121.169 χ^2/NDF : 7.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1238.802+/-881.133 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

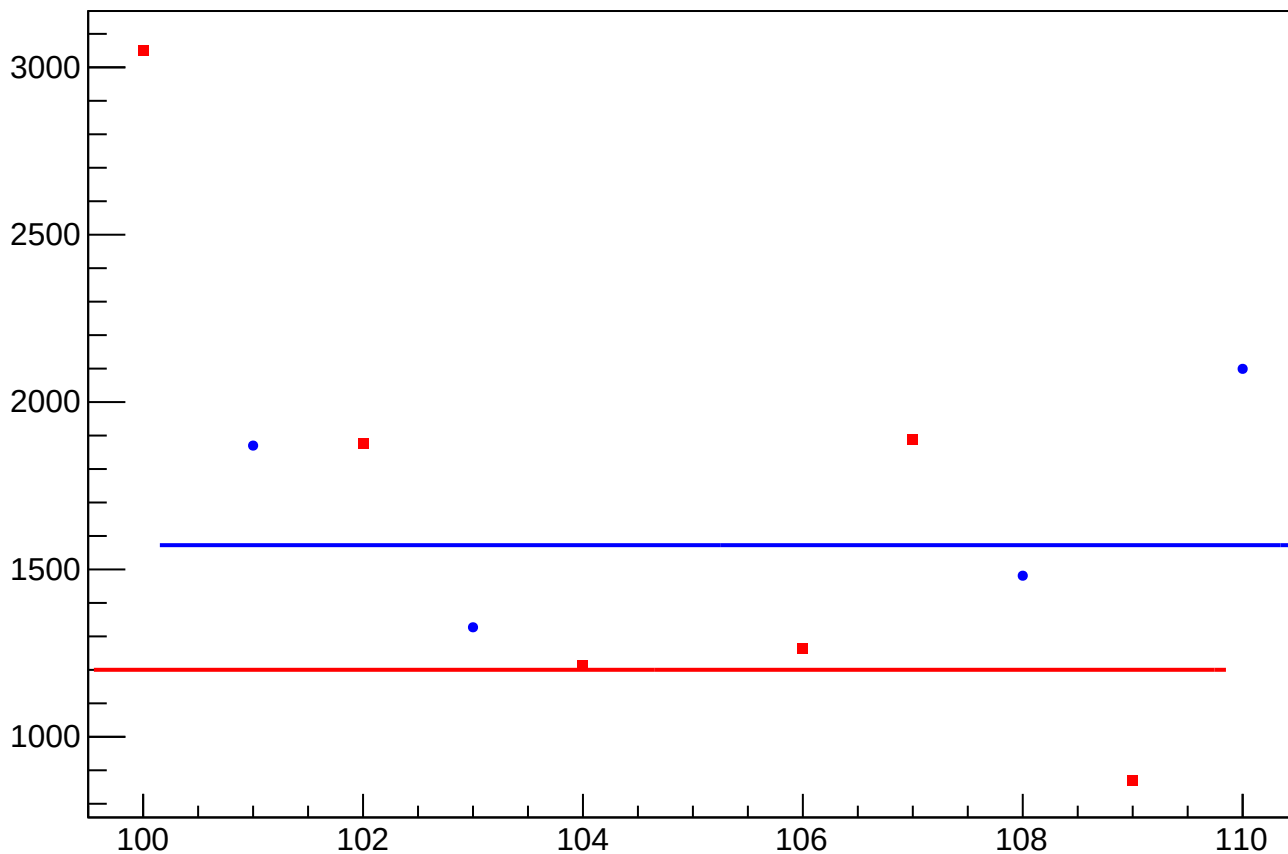
Right: -914.662+/-692.787 χ^2/NDF : 11.3/9

In: -389.865+/-1121.169 χ^2/NDF : 7.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -914.662+/-692.787 χ^2/NDF : 11.3/9

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1572.527+/-0.793 χ^2/NDF : 124769.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.207+/-0.623 χ^2/NDF : 379615.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

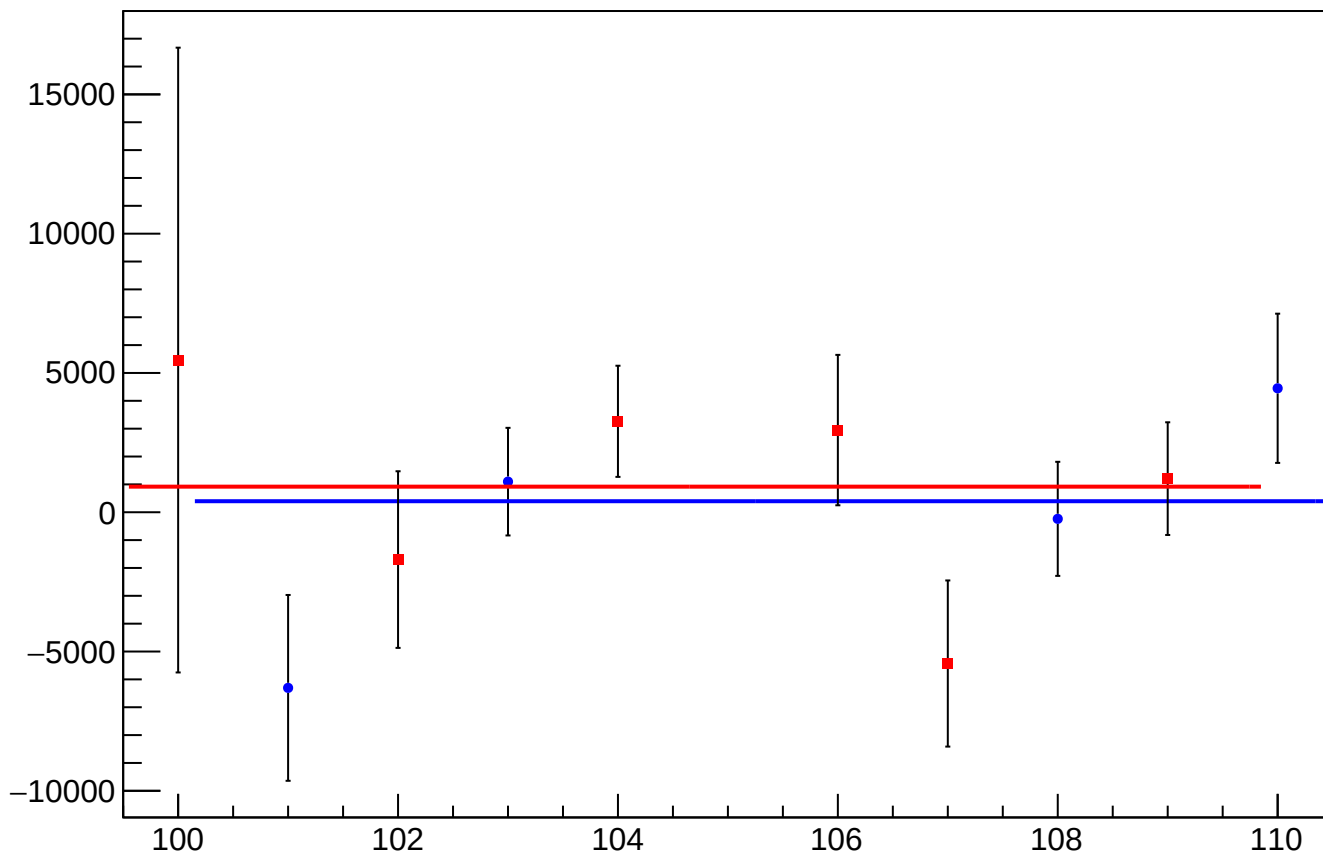
Right: 1342.366+/-0.490 χ^2/NDF : 640729.1/9

In: 1572.527+/-0.793 χ^2/NDF : 124769.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1342.366+/-0.490 χ^2/NDF : 640729.1/9

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 395.856+/-1165.749 χ^2/NDF : 6.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 918.647+/-1082.922 χ^2/NDF : 7.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

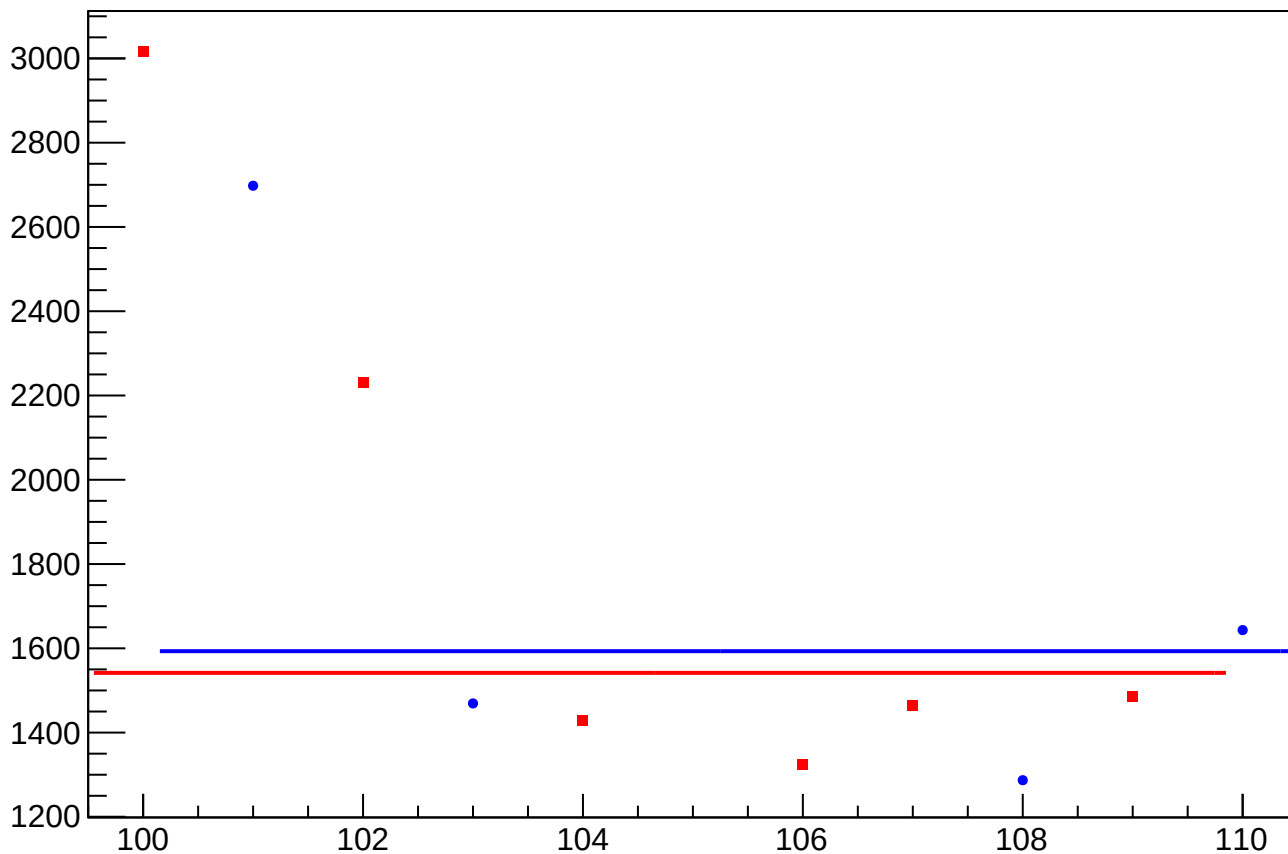
Right: 676.482+/-793.409 χ^2/NDF : 14.0/9

In: 395.856+/-1165.749 χ^2/NDF : 6.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 676.482+/-793.409 χ^2/NDF : 14.0/9

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1593.212+/-0.824 χ^2/NDF : 273001.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1541.756+/-0.766 χ^2/NDF : 150866.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

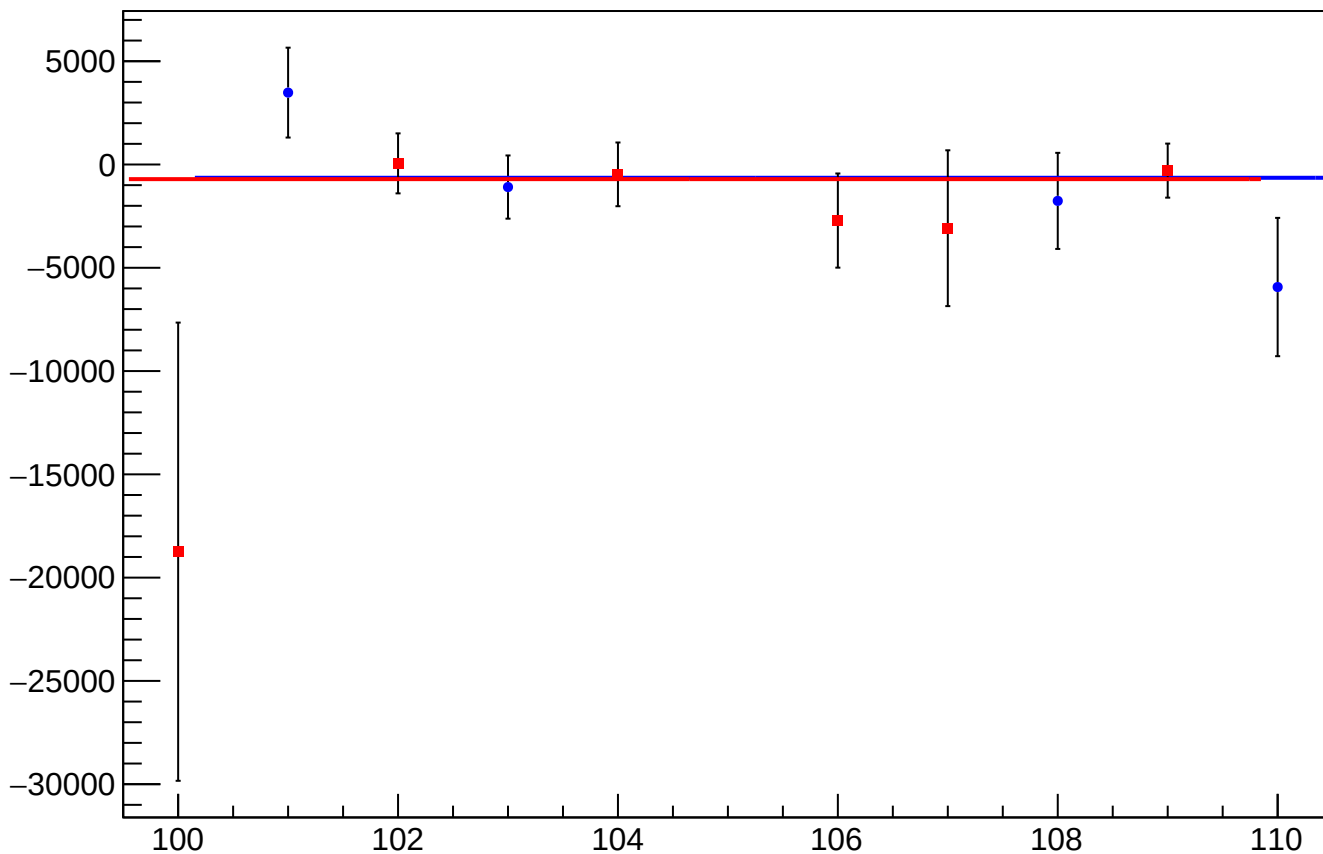
Right: 1565.591+/-0.561 χ^2/NDF : 425959.9/9

In: 1593.212+/-0.824 χ^2/NDF : 273001.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.591+/-0.561 χ^2/NDF : 425959.9/9

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -642.608+/-1046.763 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -708.508+/-756.037 χ^2/NDF : 4.2/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

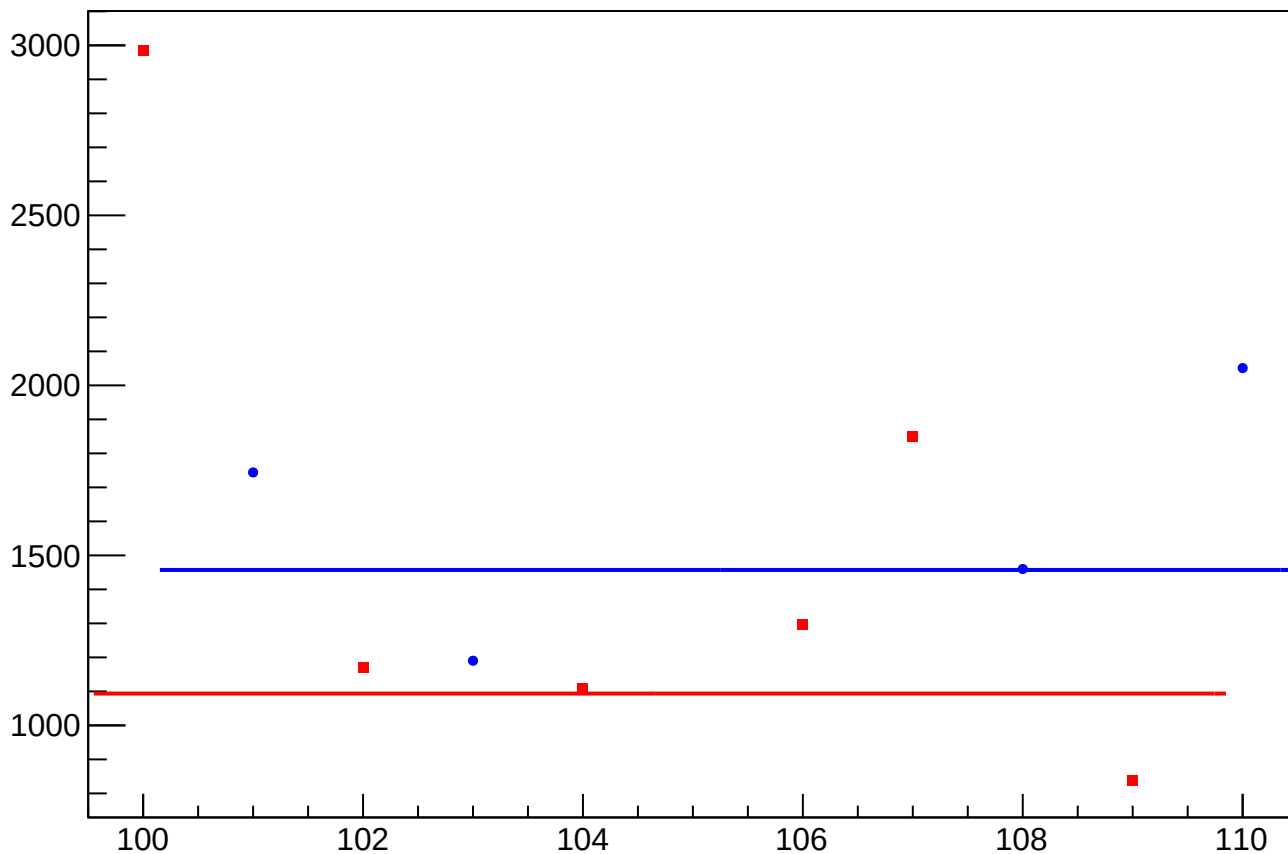
Right: -685.916+/-612.892 χ^2/NDF : 10.6/9

In: -642.608+/-1046.763 χ^2/NDF :6.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -685.916+/-612.892 χ^2/NDF : 10.6/9

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1457.157+/-0.740 χ^2/NDF : 158607.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1093.624+/-0.535 χ^2/NDF : 236147.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

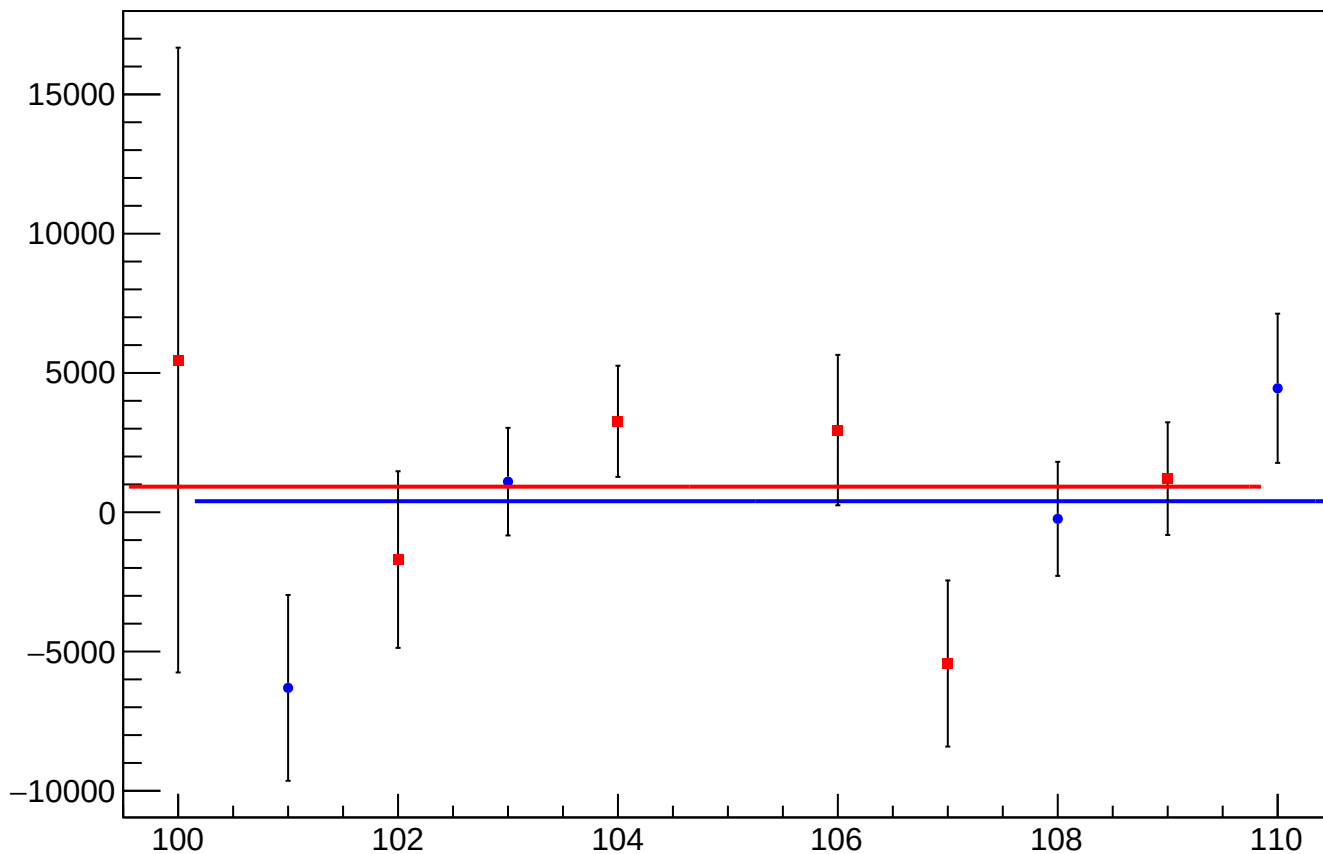
Right: 1218.251+/-0.433 χ^2/NDF : 553281.4/9

In: 1457.157+/-0.740 χ^2/NDF : 158607.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1218.251+/-0.433 χ^2/NDF : 553281.4/9

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 395.847+/-1165.749 χ^2/NDF : 6.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 918.645+/-1082.922 χ^2/NDF : 7.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

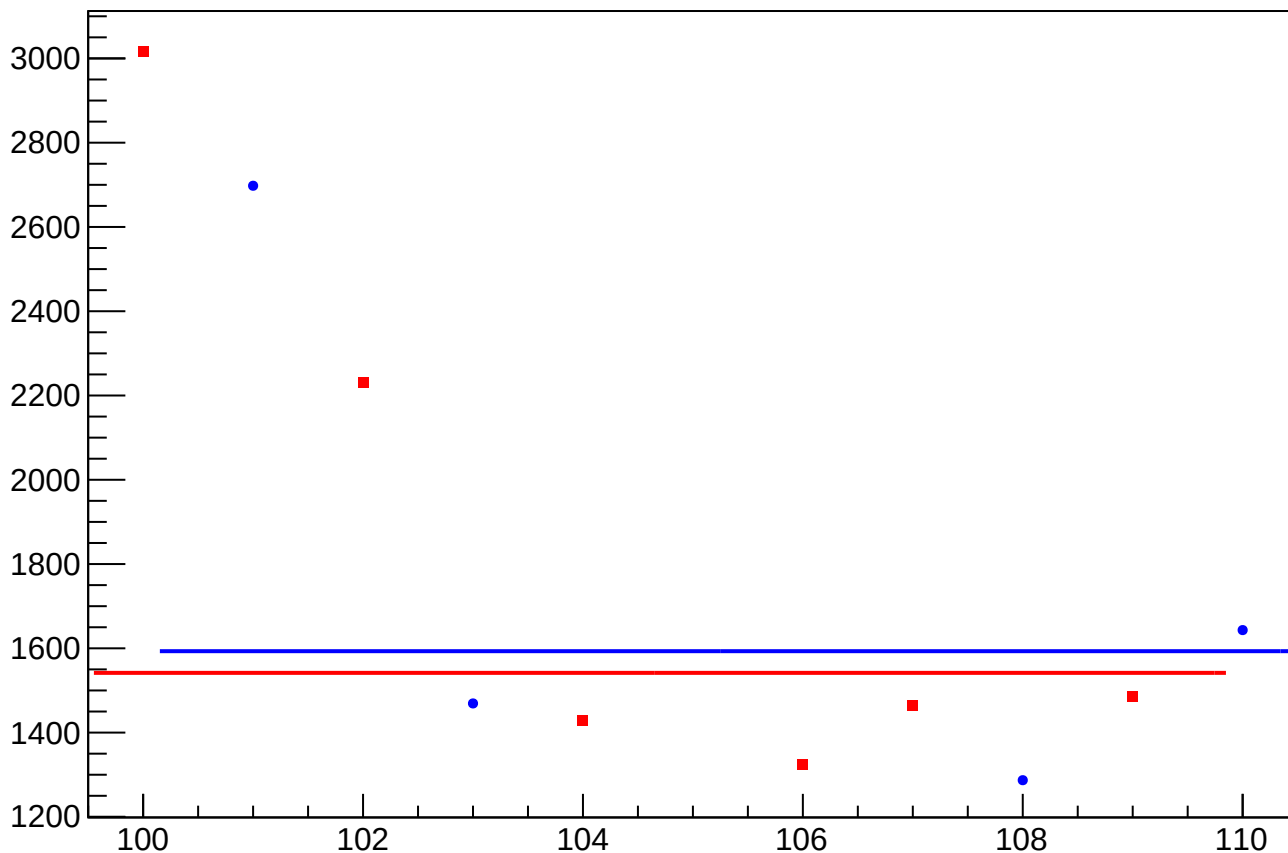
Right: 676.477+/-793.409 χ^2/NDF : 14.0/9

In: 395.847+/-1165.749 χ^2/NDF : 6.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 676.477+/-793.409 χ^2/NDF : 14.0/9

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1593.212+/-0.824 χ^2/NDF : 273001.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1541.756+/-0.766 χ^2/NDF : 150866.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

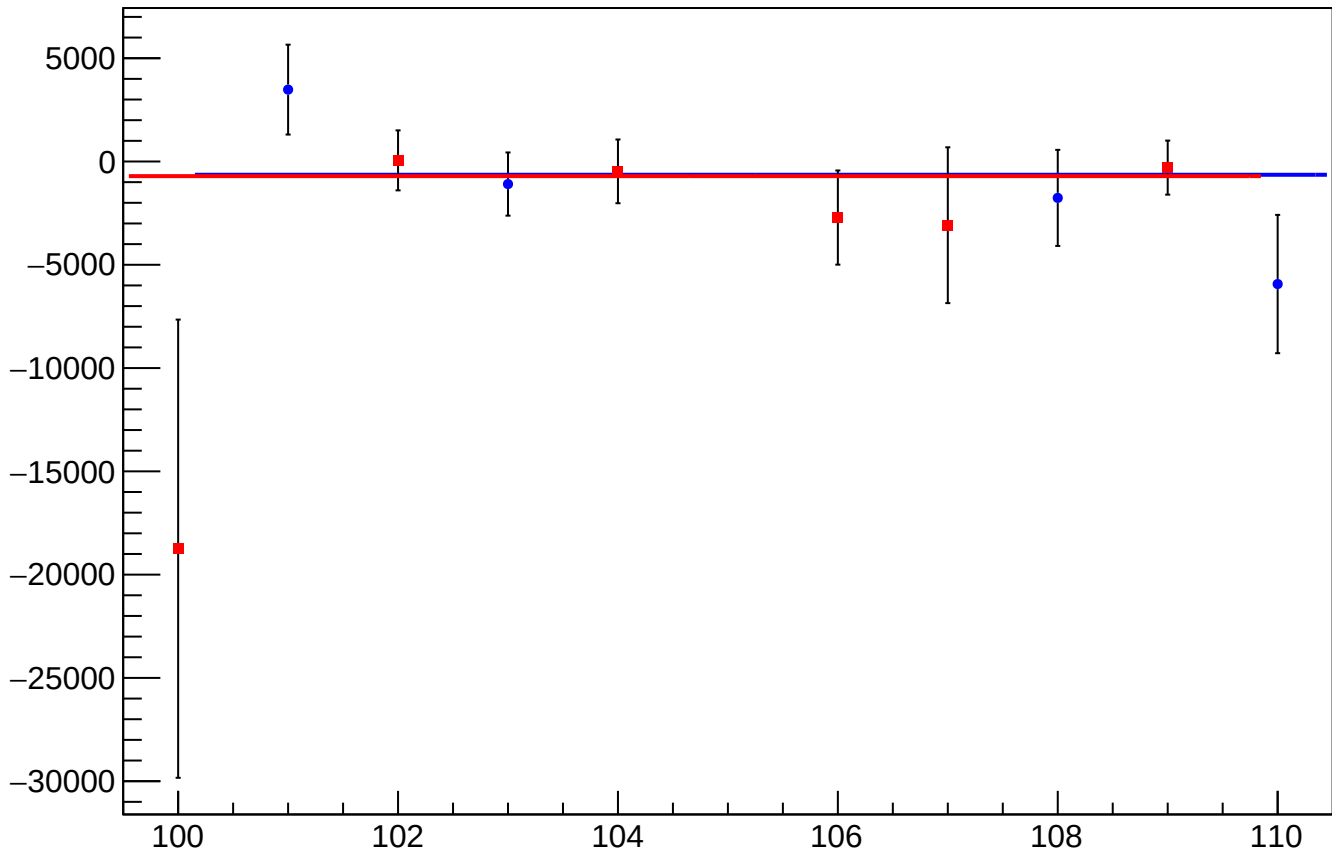
Right: 1565.591+/-0.561 χ^2/NDF : 425959.7/9

In: 1593.212+/-0.824 χ^2/NDF : 273001.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.591+/-0.561 χ^2/NDF : 425959.7/9

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -642.607+/-1046.761 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -708.510+/-756.040 χ^2/NDF : 4.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

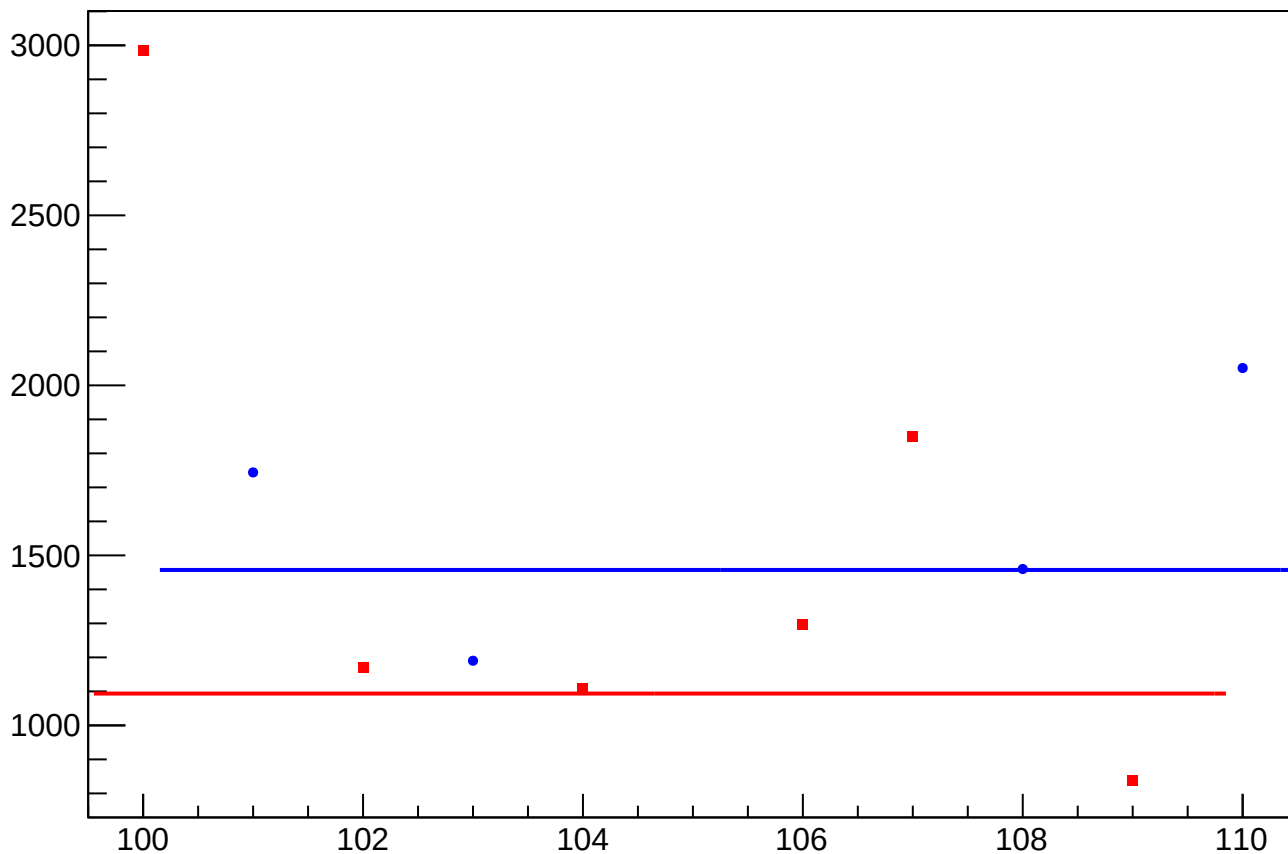
Right: -685.917+/-612.893 χ^2/NDF : 10.6/9

In: -642.607+/-1046.761 χ^2/NDF : 6.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -685.917+/-612.893 χ^2/NDF : 10.6/9

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1457.154+/-0.740 χ^2/NDF : 158603.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1093.630+/-0.535 χ^2/NDF : 236137.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

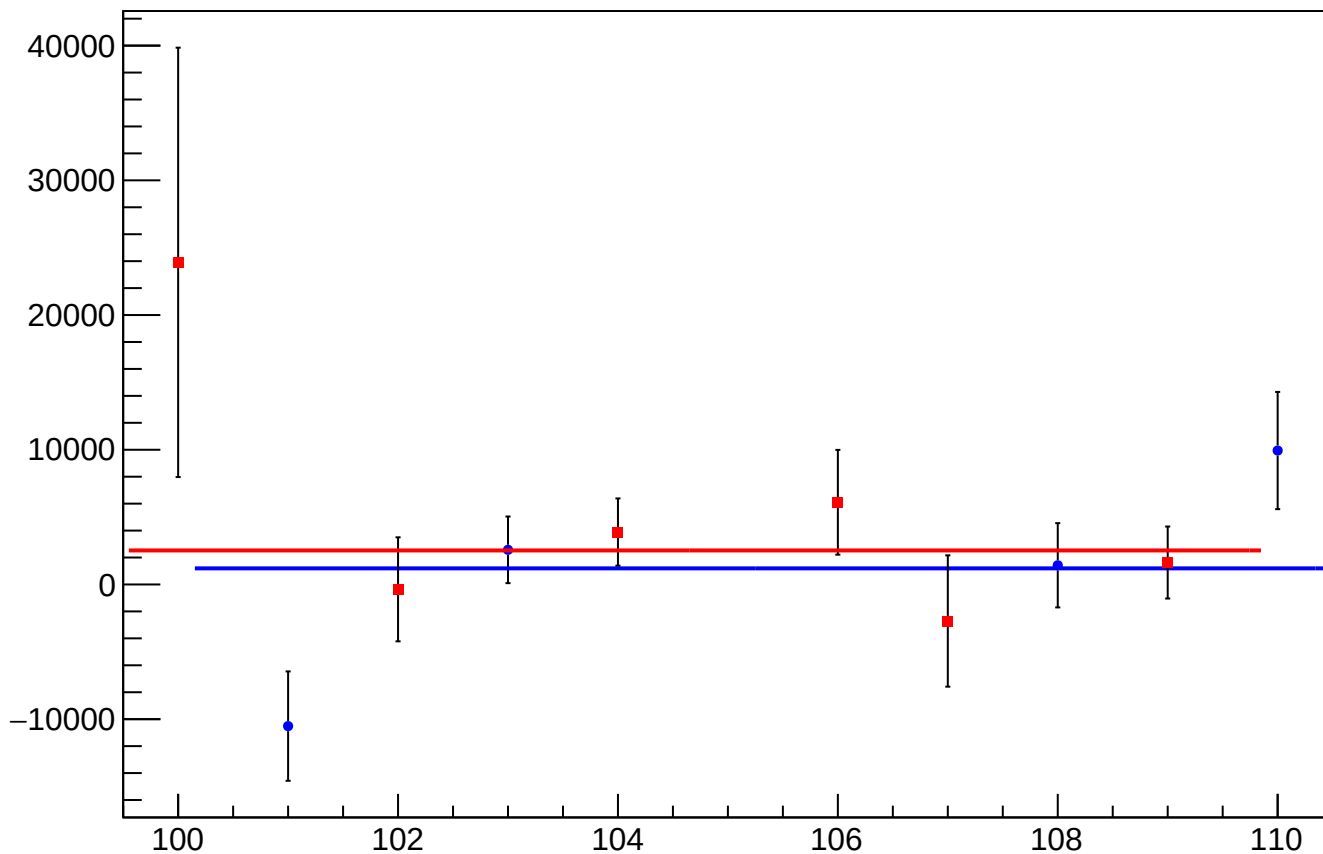
Right: 1218.255+/-0.433 χ^2/NDF : 553260.5/9

In: 1457.154+/-0.740 χ^2/NDF : 158603.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1218.255+/-0.433 χ^2/NDF : 553260.5/9

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1195.153+/-1623.901 χ^2/NDF : 12.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2526.166+/-1443.498 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

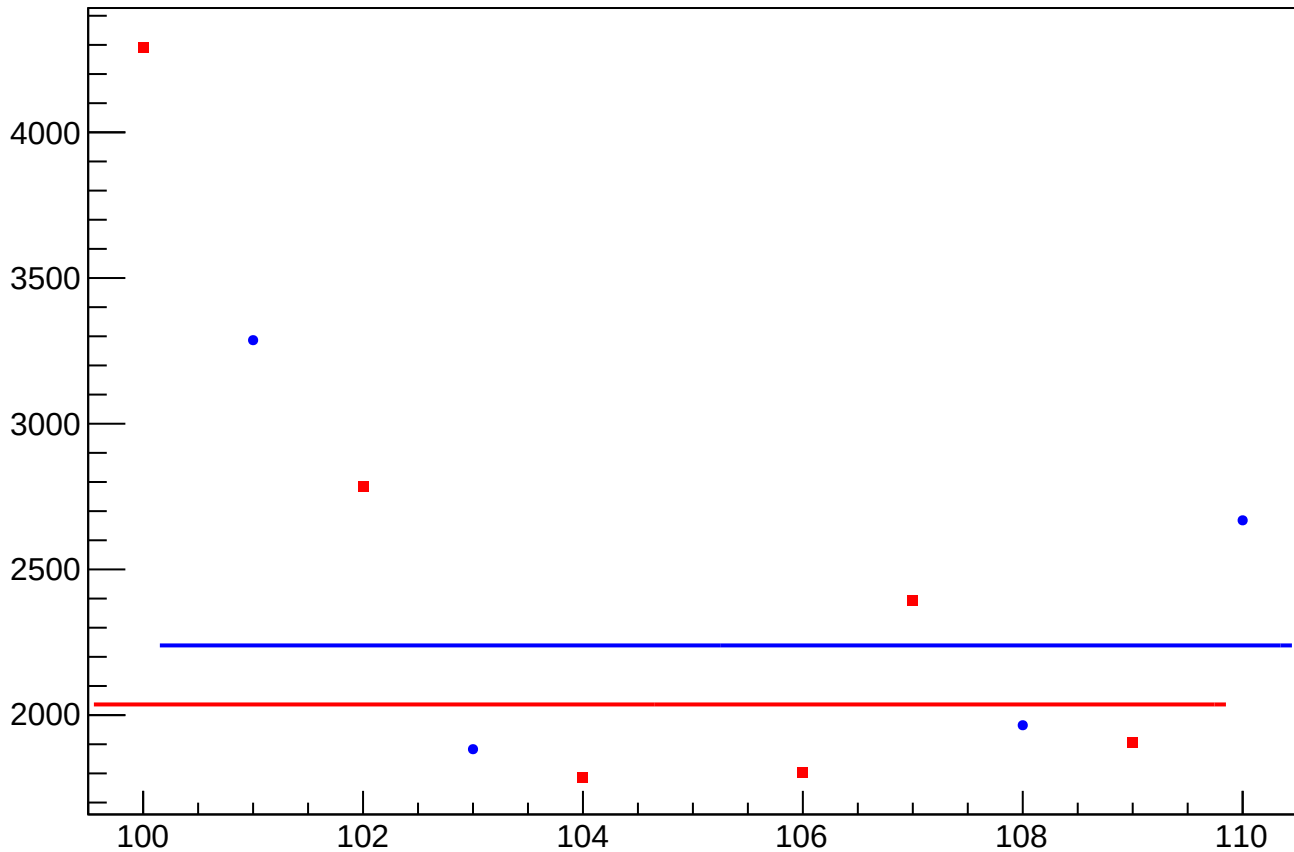
Right: 1938.671+/-1078.874 χ^2/NDF : 17.8/9

In: 1195.153+/-1623.901 χ^2/NDF : 12.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1938.671+/-1078.874 χ^2/NDF : 17.8/9

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2239.186+/-1.148 χ^2/NDF : 209407.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2036.627+/-1.021 χ^2/NDF : 157595.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

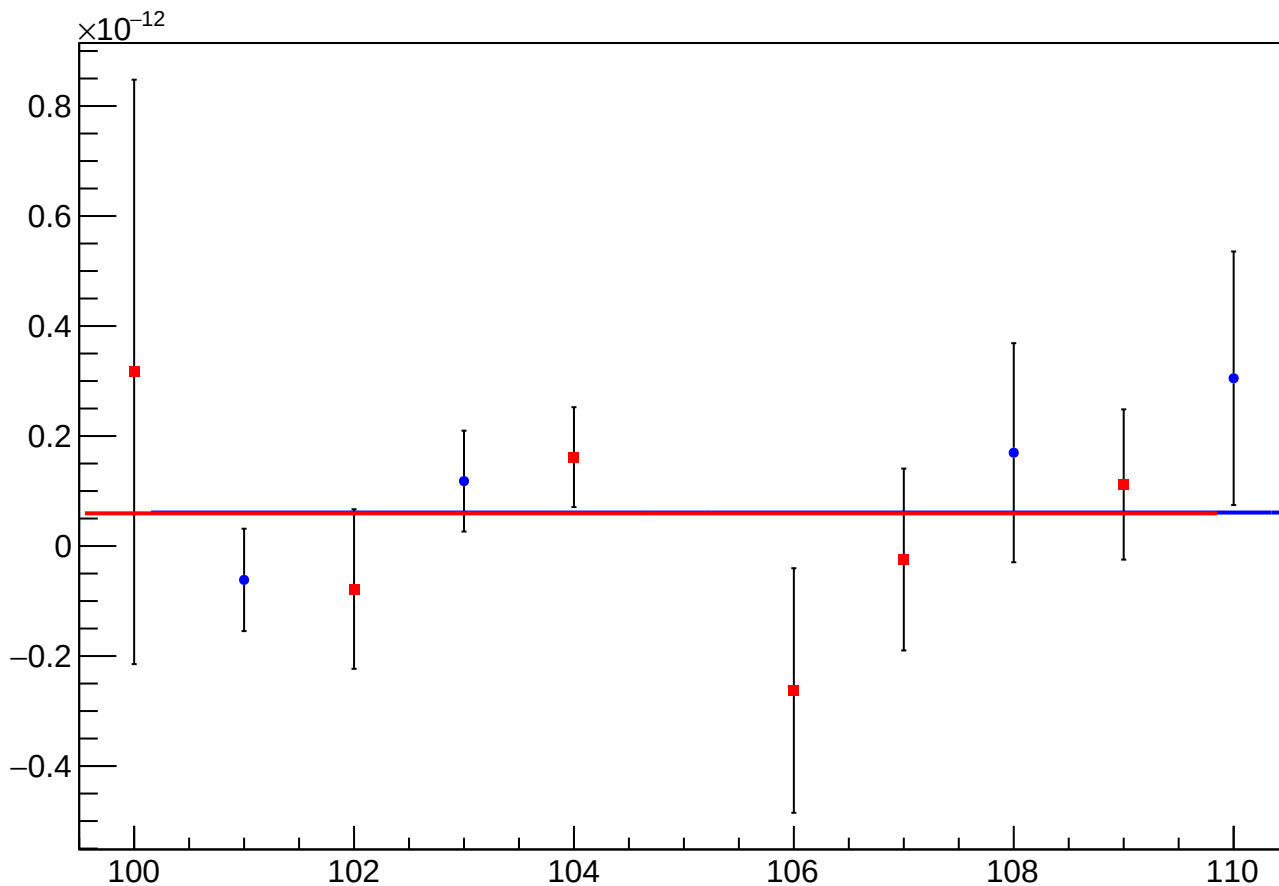
Right: 2126.033+/-0.763 χ^2/NDF : 384386.6/9

In: 2239.186+/-1.148 χ^2/NDF : 209407.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2126.033+/-0.763 χ^2/NDF : 384386.6/9

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

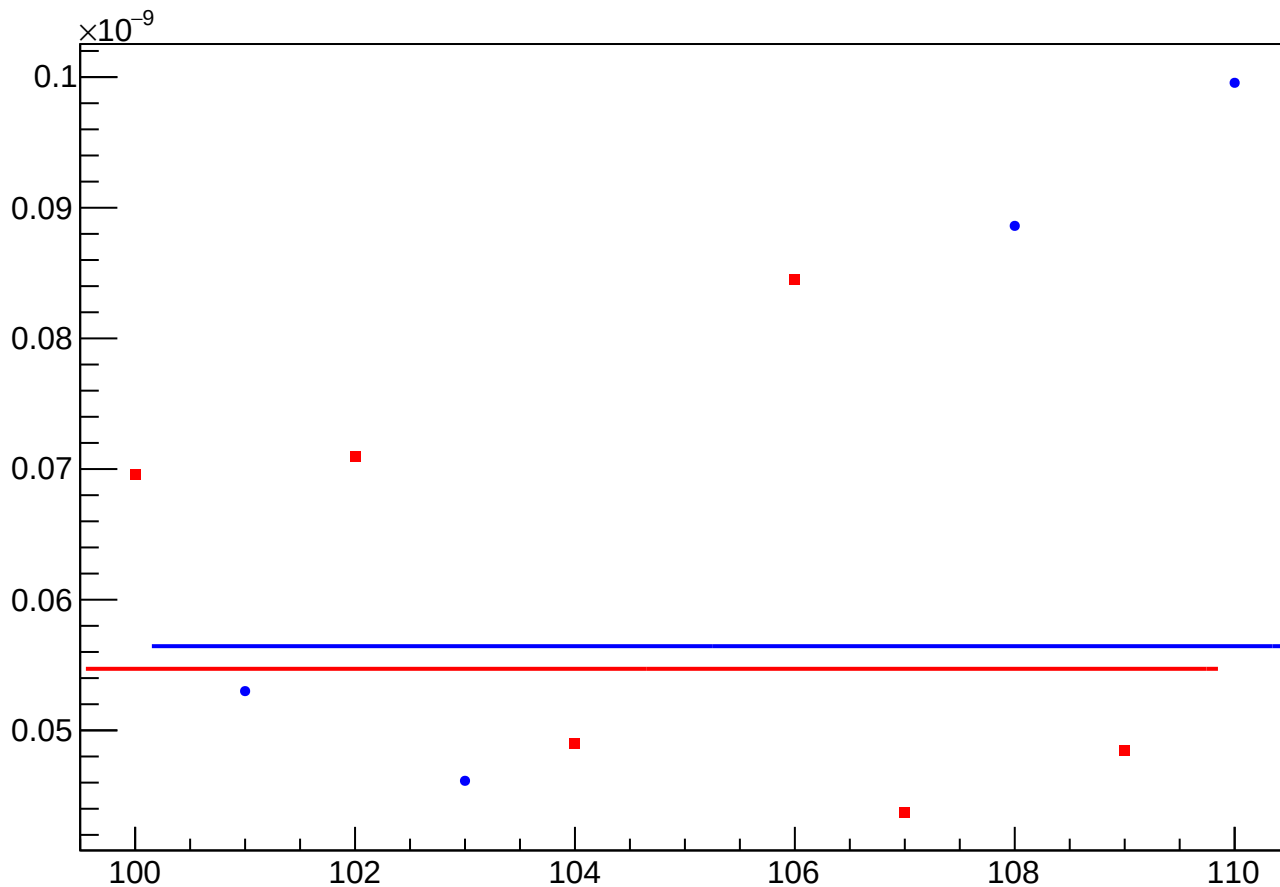
Right: 0.000+/-0.000 χ^2/NDF : 8.4/9

In: 0.000+/-0.000 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.4/9

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 150170.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 83474.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

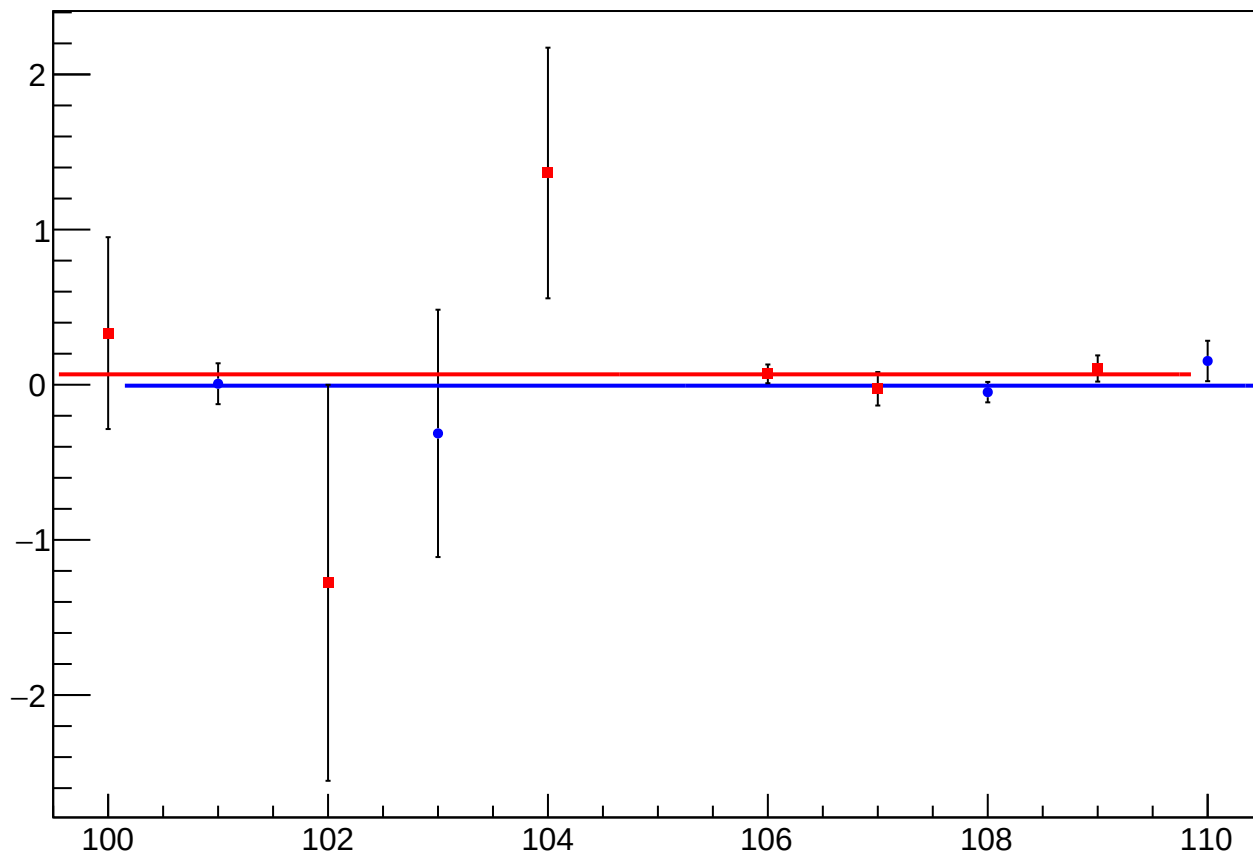
Right: 0.000+/-0.000 χ^2/NDF : 234487.3/9

In: 0.000+/-0.000 χ^2/NDF : 150170.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 234487.3/9

asym_at2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.054 χ^2/NDF : 2.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.067 ± 0.044 χ^2/NDF : 4.8/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

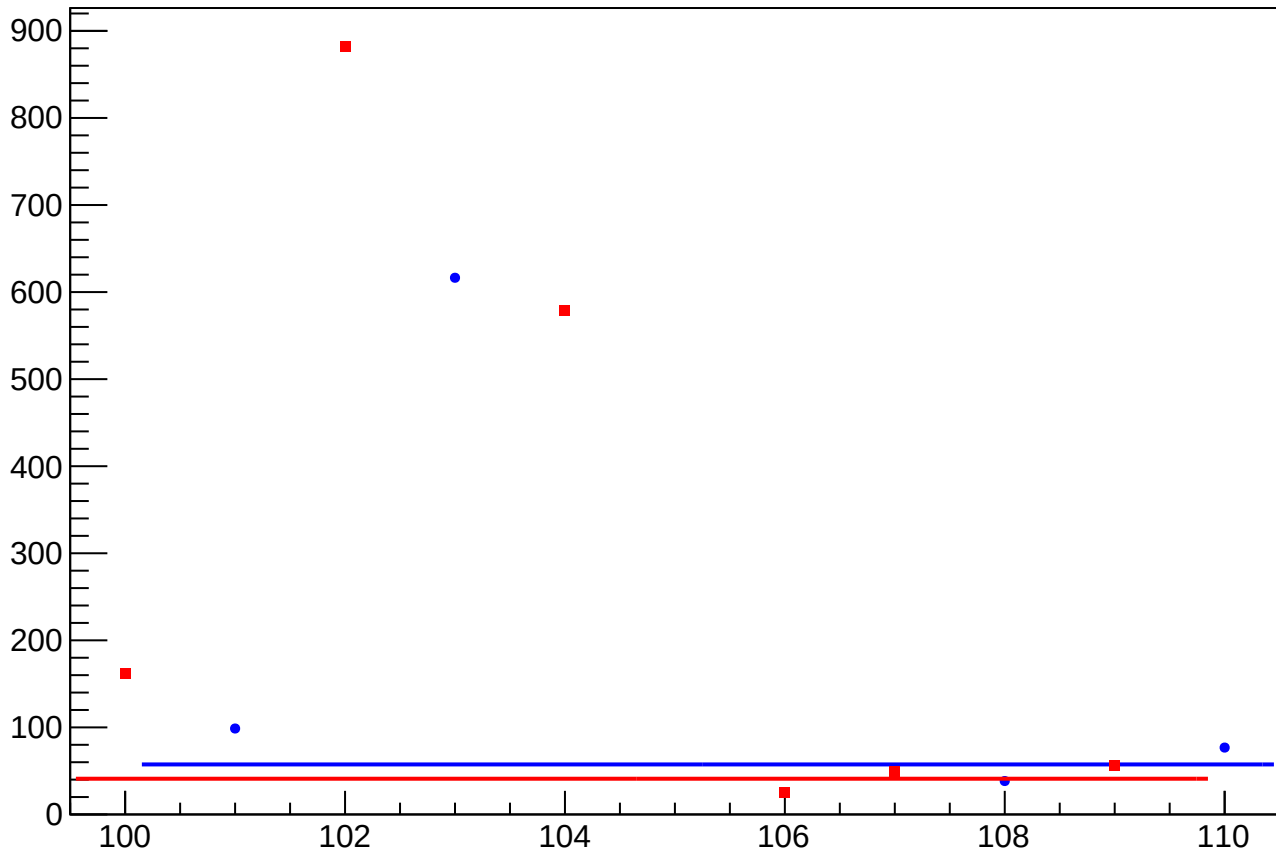
Right: 0.037 ± 0.034 χ^2/NDF : 8.0/9

In: -0.006 ± 0.054 χ^2/NDF : 2.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.037 ± 0.034 χ^2/NDF : 8.0/9

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.457+/-0.038 χ^2/NDF : 1391596.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.036+/-0.031 χ^2/NDF : 2048955.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

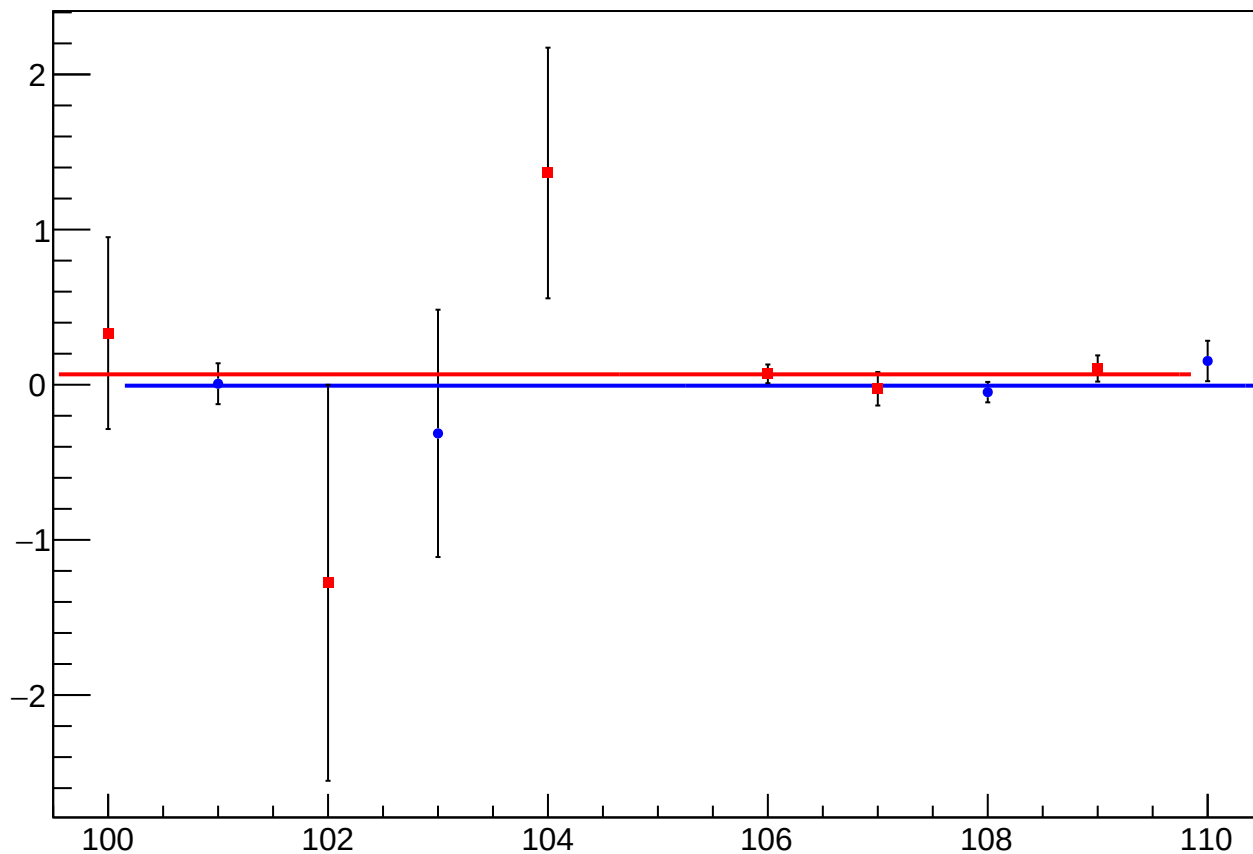
Right: 47.739+/-0.024 χ^2/NDF : 3551943.0/9

In: 57.457+/-0.038 χ^2/NDF : 1391596.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.739+/-0.024 χ^2/NDF : 3551943.0/9

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.054 χ^2/NDF : 2.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.067+/-0.044 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

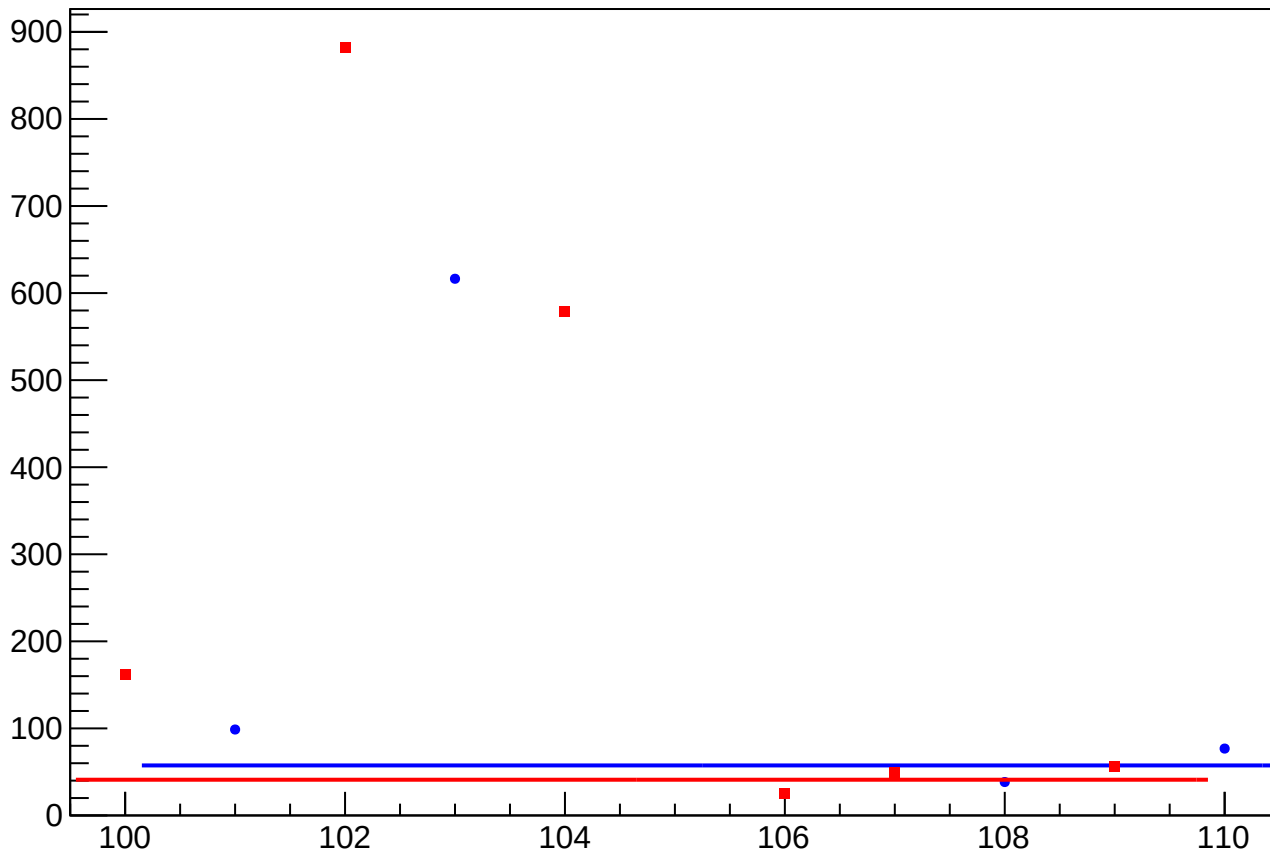
Right: 0.037+/-0.034 χ^2/NDF : 8.0/9

In: -0.006+/-0.054 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.037+/-0.034 χ^2/NDF : 8.0/9

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.457+/-0.038 χ^2/NDF : 1391596.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.036+/-0.031 χ^2/NDF : 2048955.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

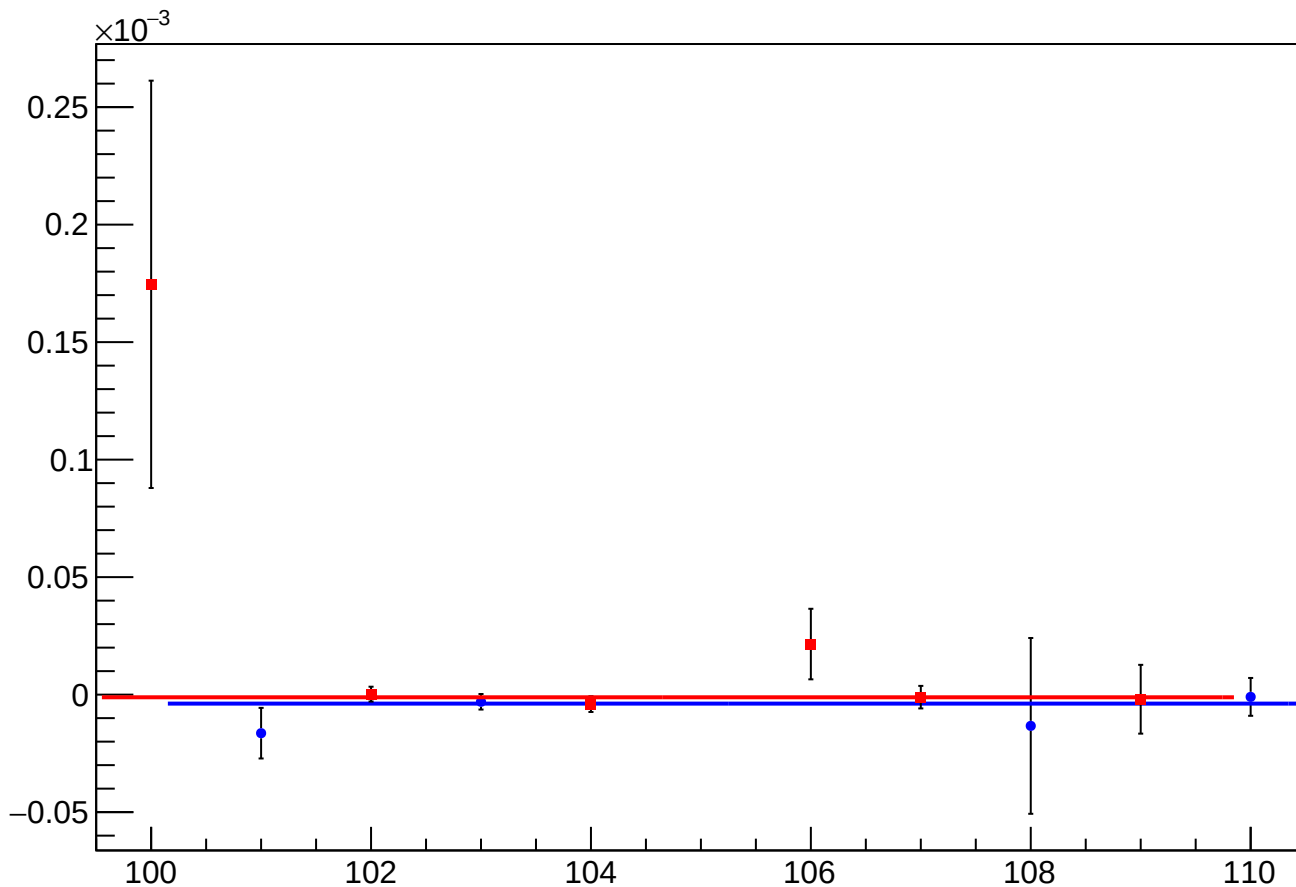
Right: 47.739+/-0.024 χ^2/NDF : 3551943.0/9

In: 57.457+/-0.038 χ^2/NDF : 1391596.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.739+/-0.024 χ^2/NDF : 3551943.0/9

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.6/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.3/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

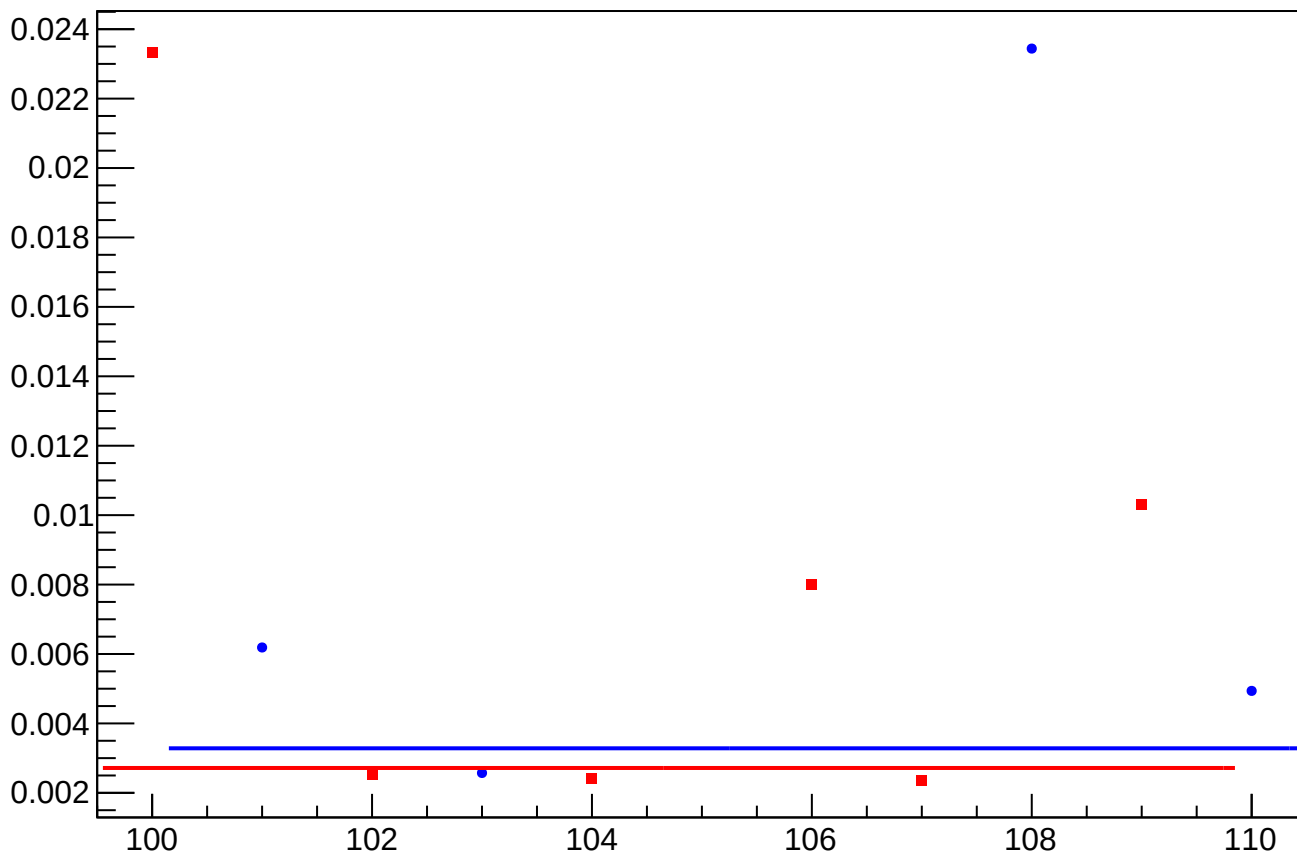
Right: -0.000+/-0.000 χ^2 /NDF: 9.5/9

In: -0.000+/-0.000 χ^2 /NDF:1.6/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.5/9

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 903114.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 933631.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

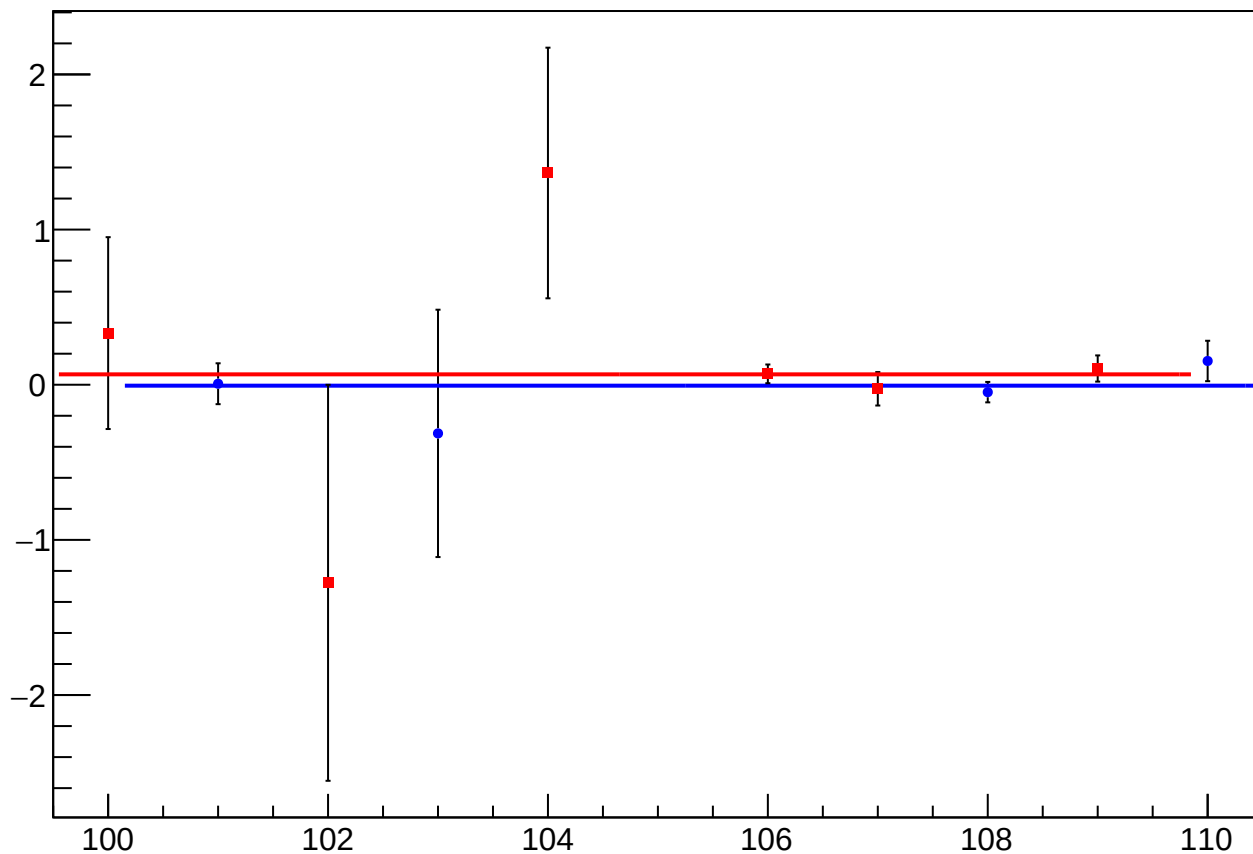
Right: 0.003+/-0.000 χ^2/NDF : 1887233.7/9

In: 0.003+/-0.000 χ^2/NDF :903114.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1887233.7/9

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.054 χ^2/NDF : 2.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.067 ± 0.044 χ^2/NDF : 4.8/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

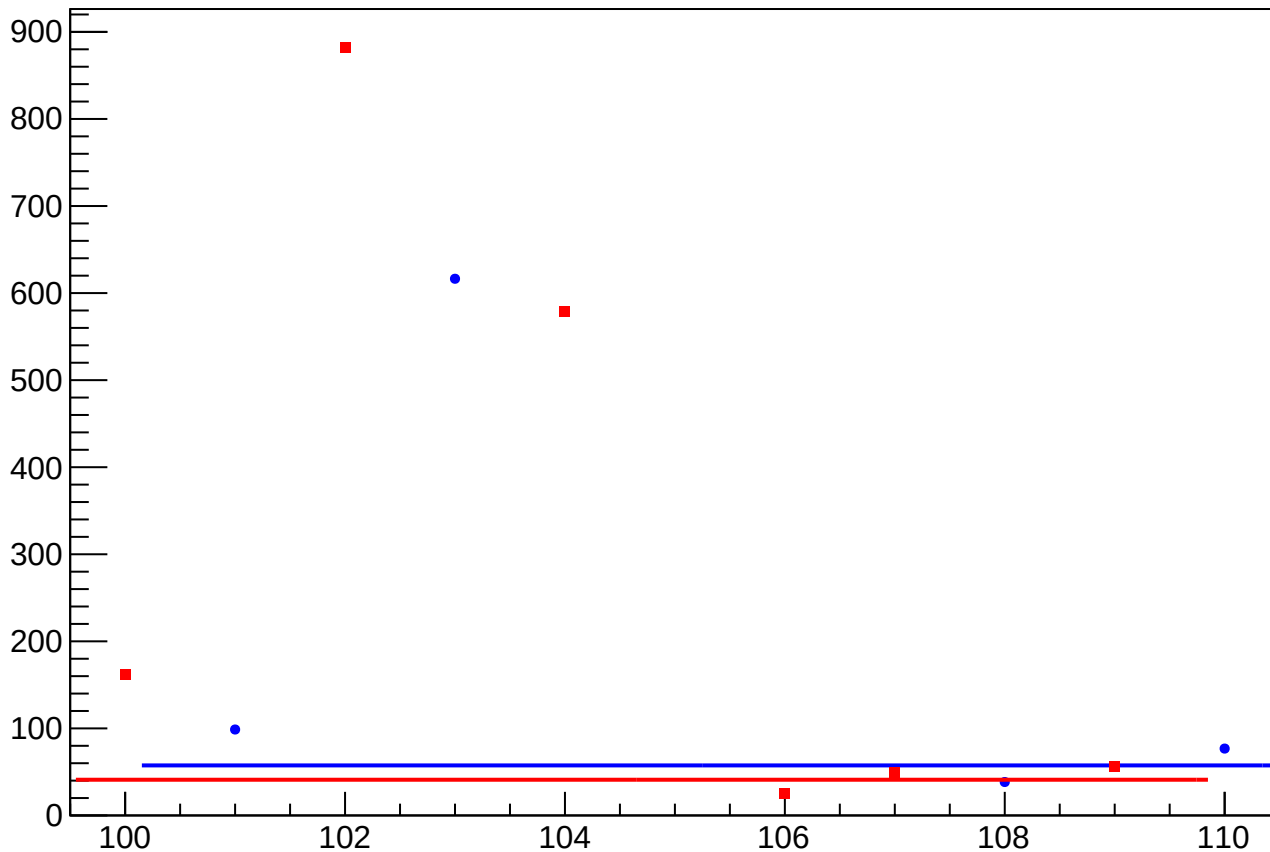
Right: 0.037 ± 0.034 χ^2/NDF : 8.0/9

In: -0.006 ± 0.054 χ^2/NDF : 2.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.037 ± 0.034 χ^2/NDF : 8.0/9

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.480+/-0.038 χ^2/NDF : 1391163.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.026+/-0.031 χ^2/NDF : 2049177.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

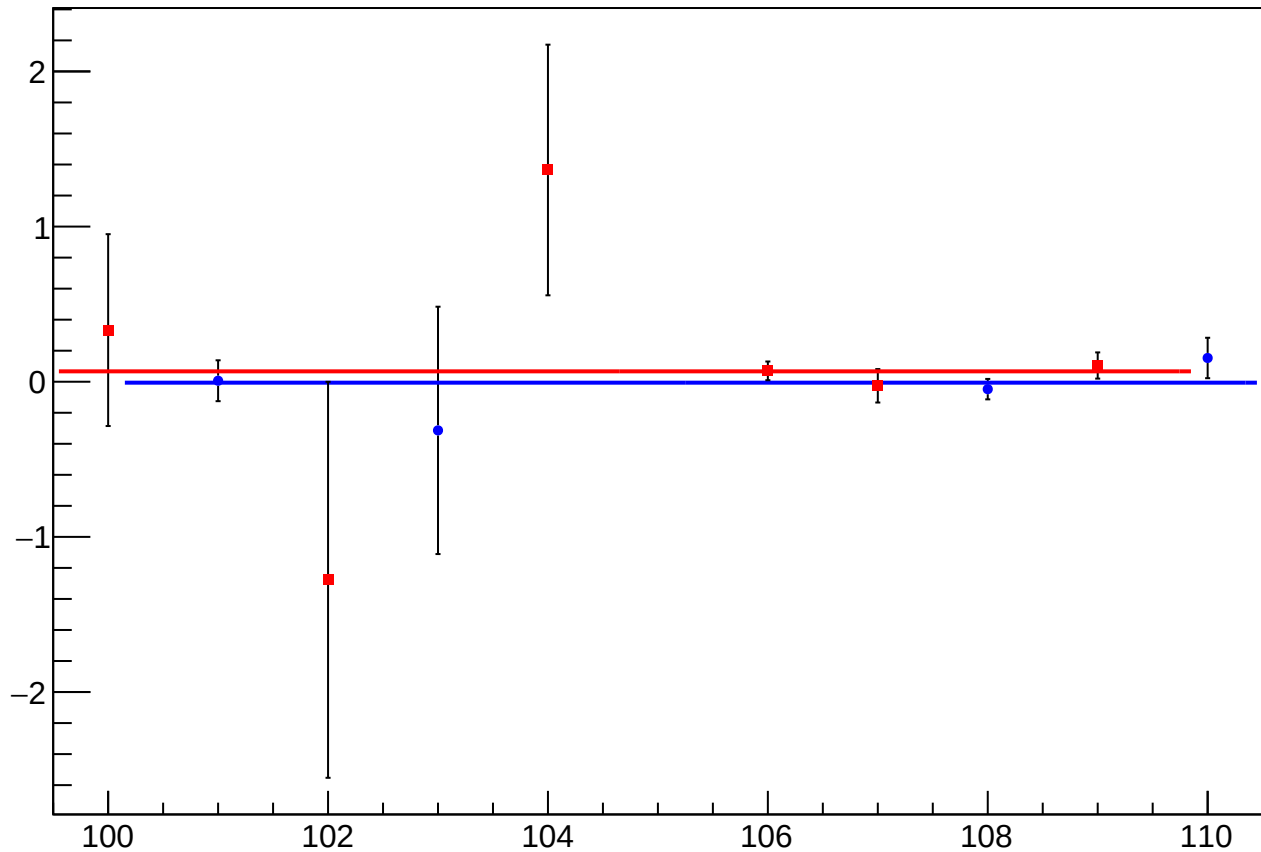
Right: 47.740+/-0.024 χ^2/NDF : 3552144.3/9

In: 57.480+/-0.038 χ^2/NDF : 1391163.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.740+/-0.024 χ^2/NDF : 3552144.3/9

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.054 χ^2/NDF : 2.1/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.067+/-0.044 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

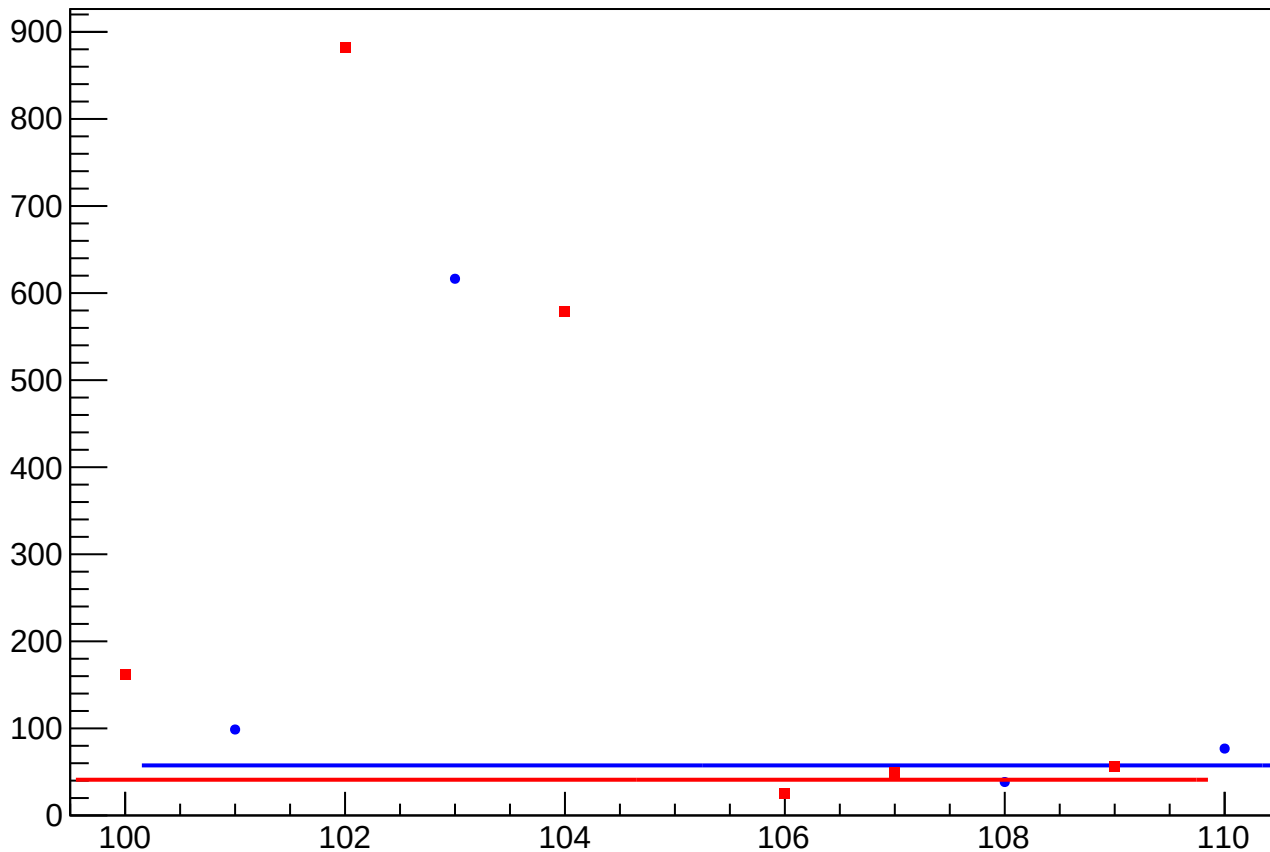
Right: 0.037+/-0.034 χ^2/NDF : 8.0/9

In: -0.006+/-0.054 χ^2/NDF :2.1/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.037+/-0.034 χ^2/NDF : 8.0/9

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.480+/-0.038 χ^2/NDF : 1391163.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.026+/-0.031 χ^2/NDF : 2049177.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

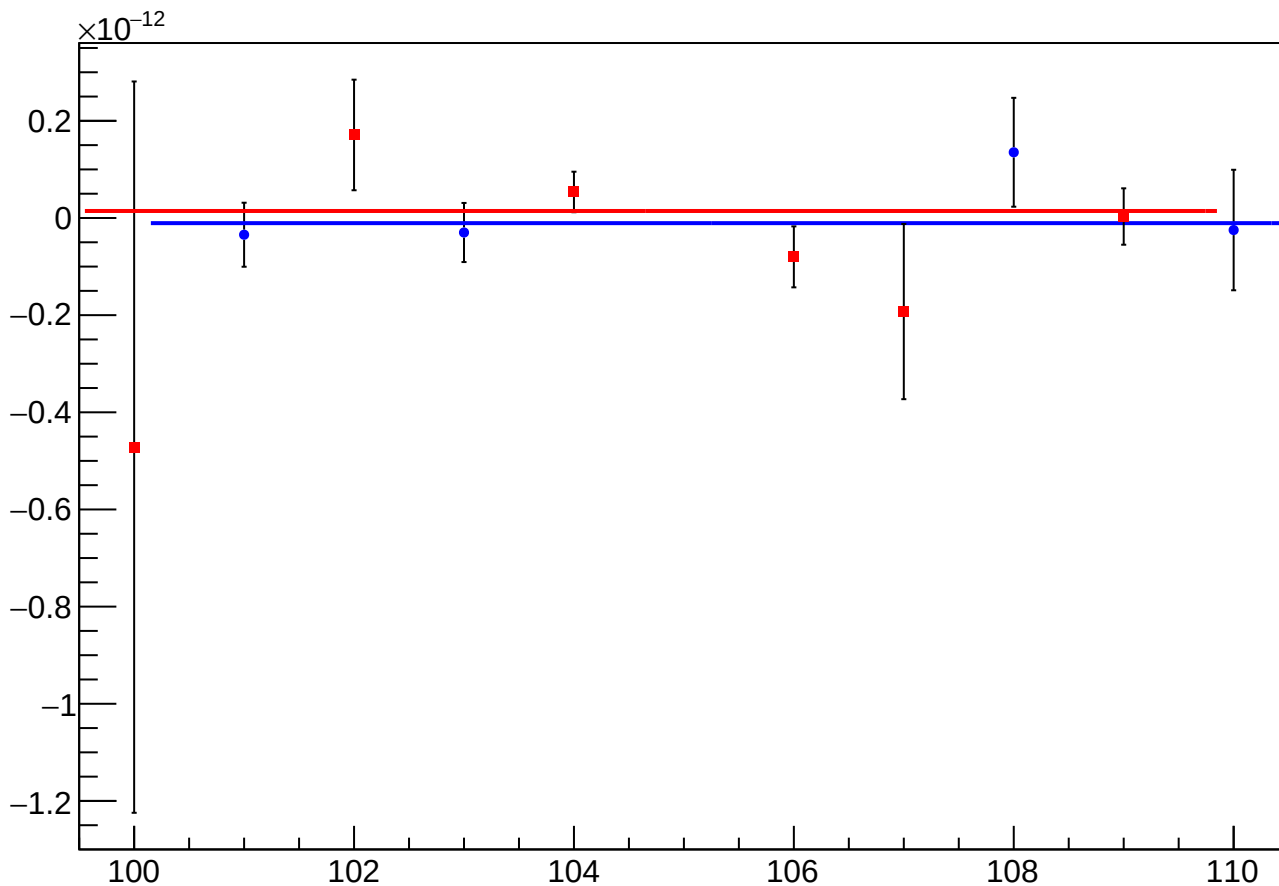
Right: 47.740+/-0.024 χ^2/NDF : 3552144.3/9

In: 57.480+/-0.038 χ^2/NDF : 1391163.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.740+/-0.024 χ^2/NDF : 3552144.3/9

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

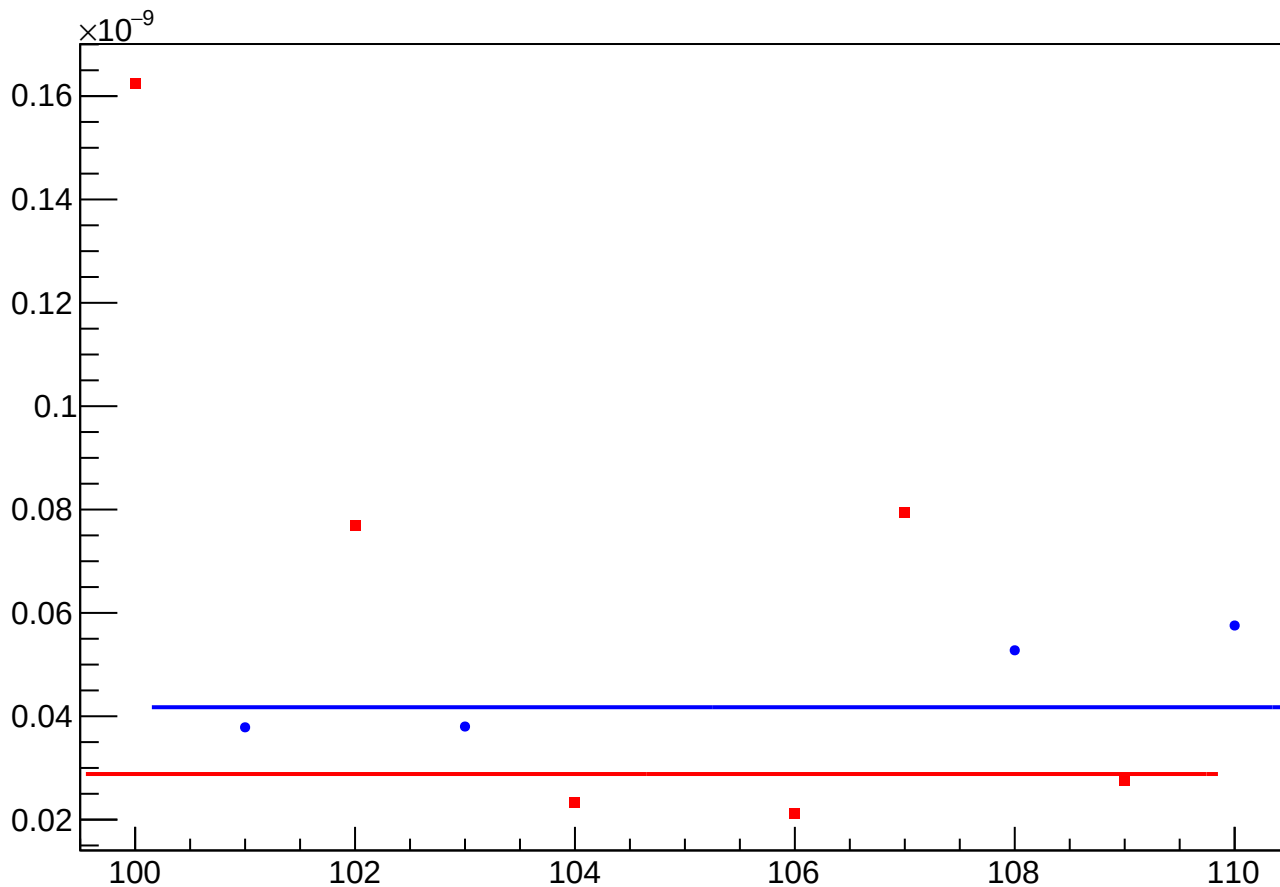
Right: 0.000+/-0.000 χ^2/NDF : 9.0/9

In: -0.000+/-0.000 χ^2/NDF : 1.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.0/9

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 66339.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 642958.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

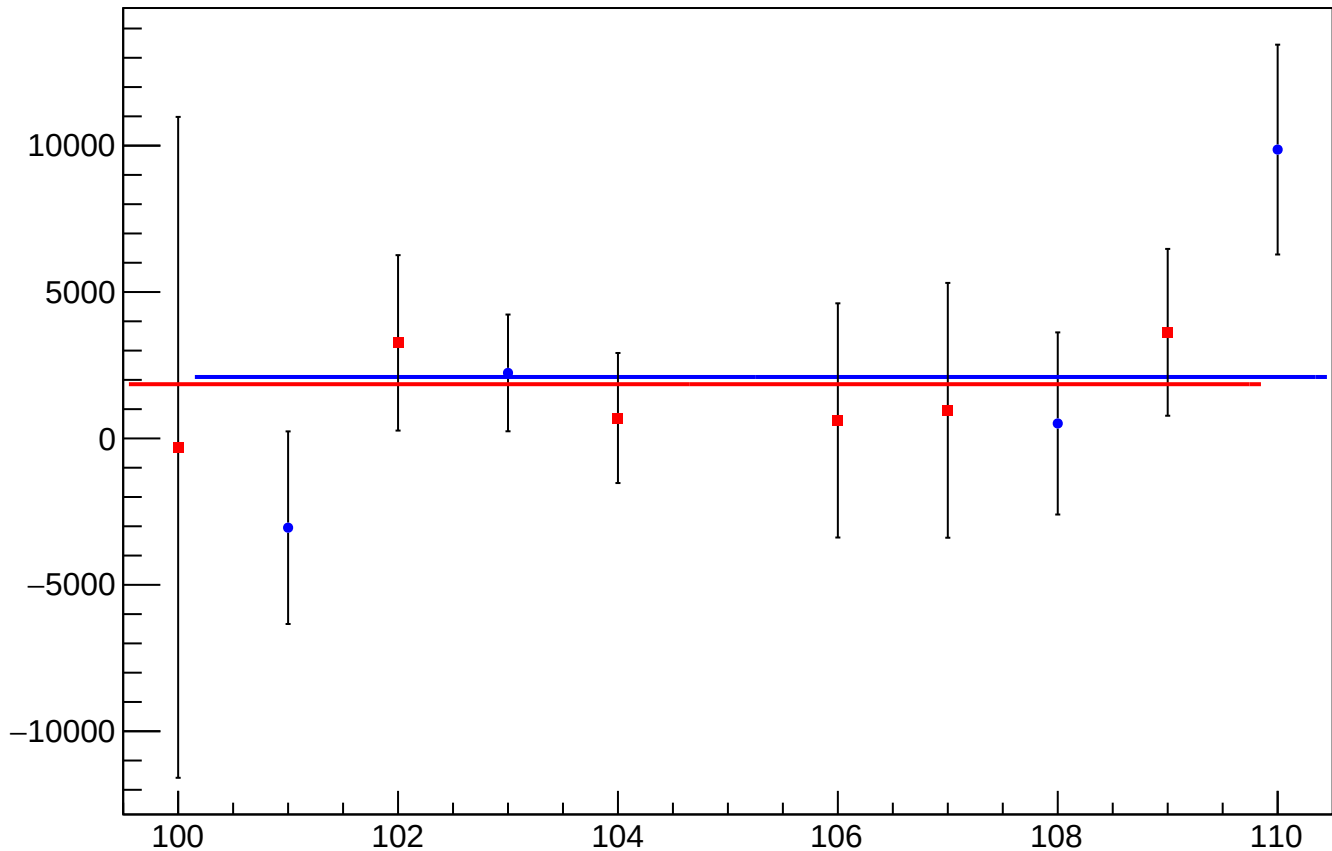
Right: 0.000+/-0.000 χ^2/NDF : 850889.9/9

In: 0.000+/-0.000 χ^2/NDF : 66339.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 850889.9/9

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2098.840+/-1379.623 χ^2/NDF : 7.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1852.345+/-1335.607 χ^2/NDF : 1.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

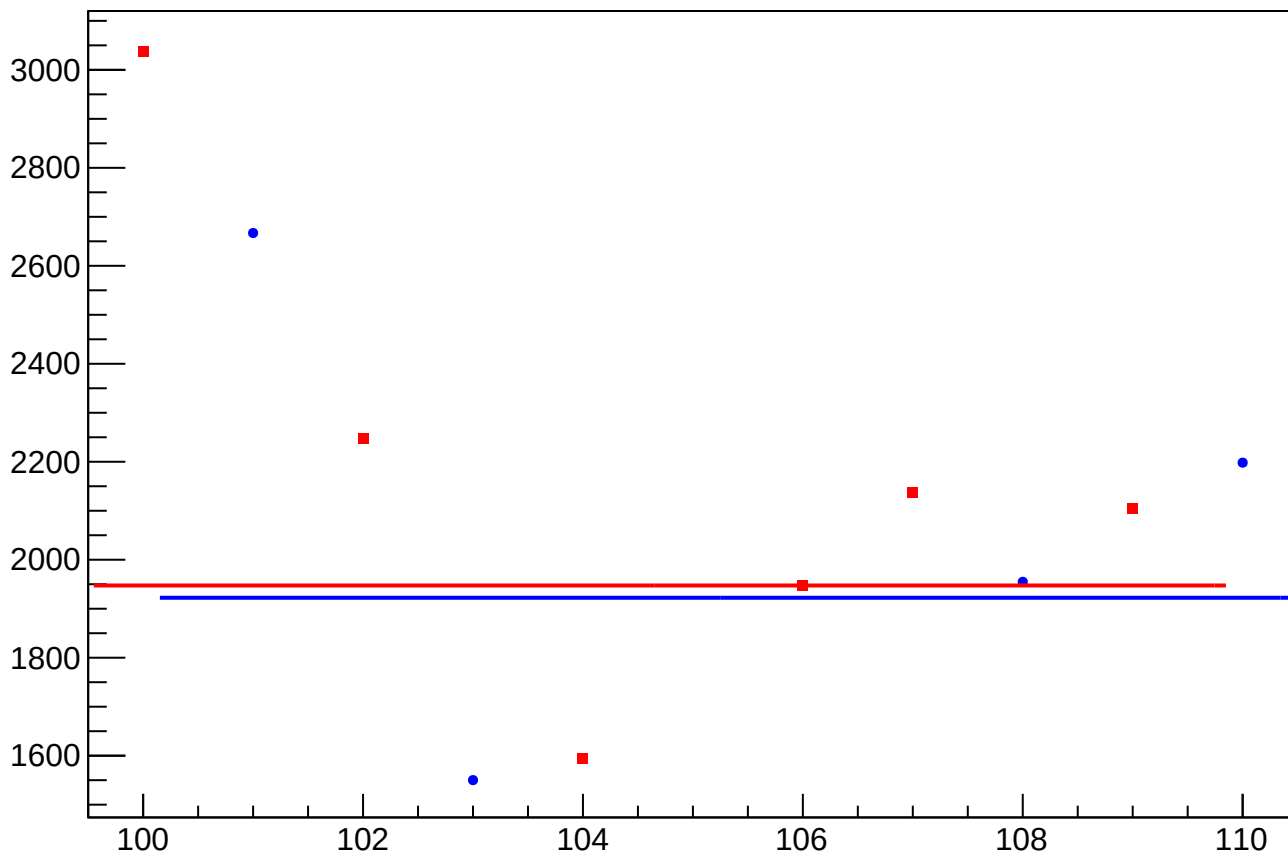
Right: 1971.598+/-959.601 χ^2/NDF : 8.5/9

In: 2098.840+/-1379.623 χ^2/NDF : 7.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1971.598+/-959.601 χ^2/NDF : 8.5/9

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1922.391+/-0.976 χ^2/NDF : 184307.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1947.447+/-0.937 χ^2/NDF : 98889.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

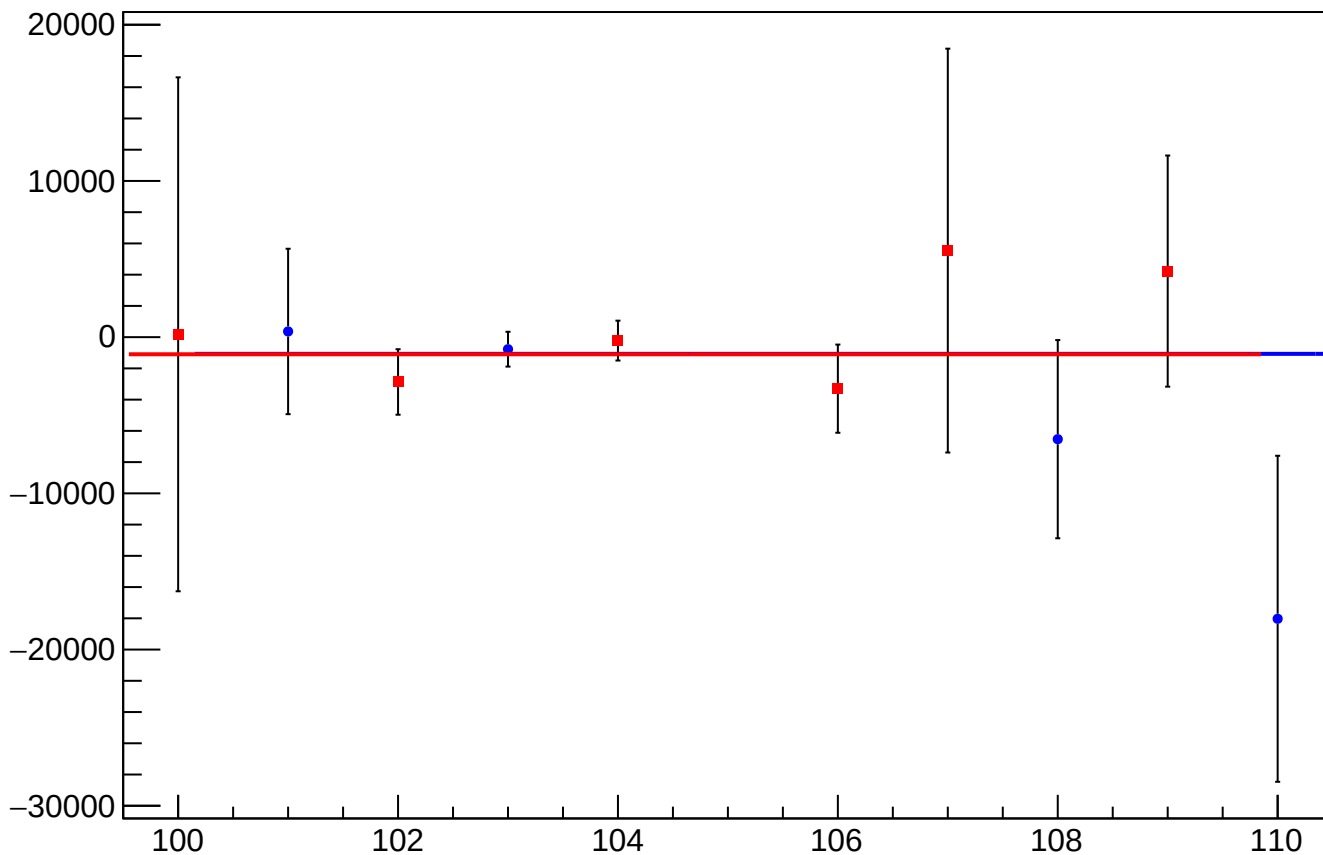
Right: 1935.428+/-0.676 χ^2/NDF : 283540.3/9

In: 1922.391+/-0.976 χ^2/NDF : 184307.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1935.428+/-0.676 χ^2/NDF : 283540.3/9

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1068.967+/-1069.082 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1095.665+/-1002.210 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

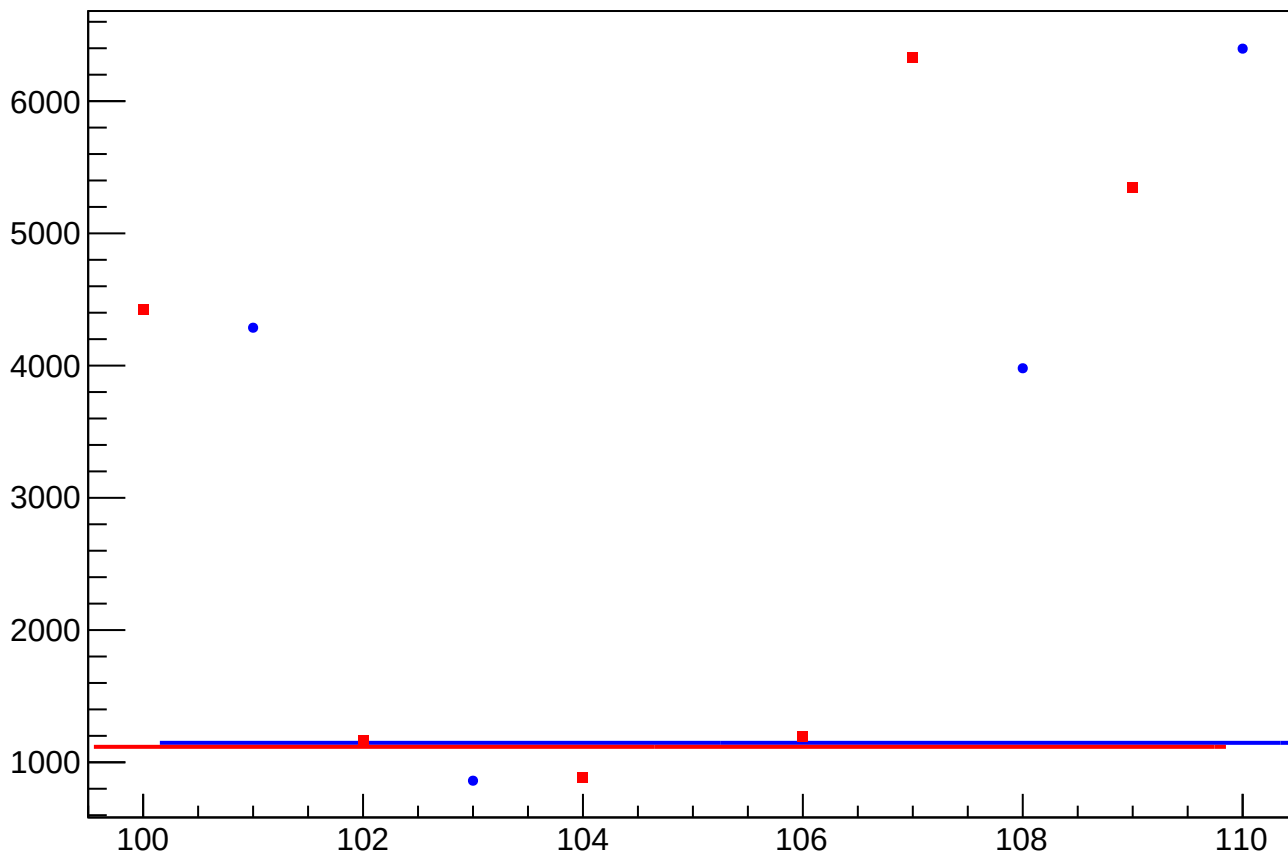
Right: -1083.177+/-731.168 χ^2/NDF : 6.1/9

In: -1068.967+/-1069.082 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1083.177+/-731.168 χ^2/NDF : 6.1/9

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1147.221+/-0.756 χ^2/NDF : 1740081.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1116.984+/-0.709 χ^2/NDF : 1129002.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

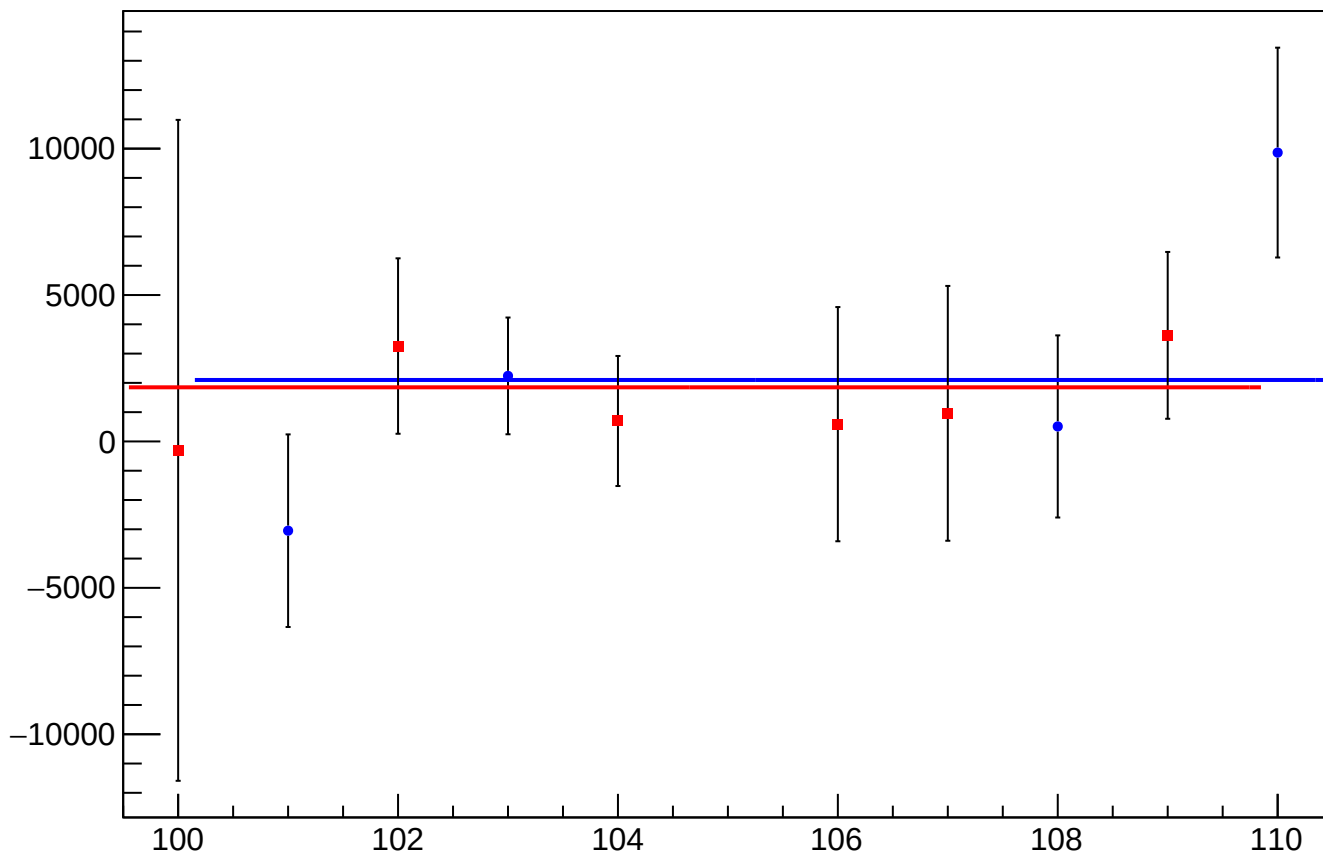
Right: 1131.127+/-0.517 χ^2/NDF : 2869935.3/9

In: 1147.221+/-0.756 χ^2/NDF : 1740081.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1131.127+/-0.517 χ^2/NDF : 2869935.3/9

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2099.137+/-1379.623 χ^2/NDF : 7.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.473+/-1335.614 χ^2/NDF : 1.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

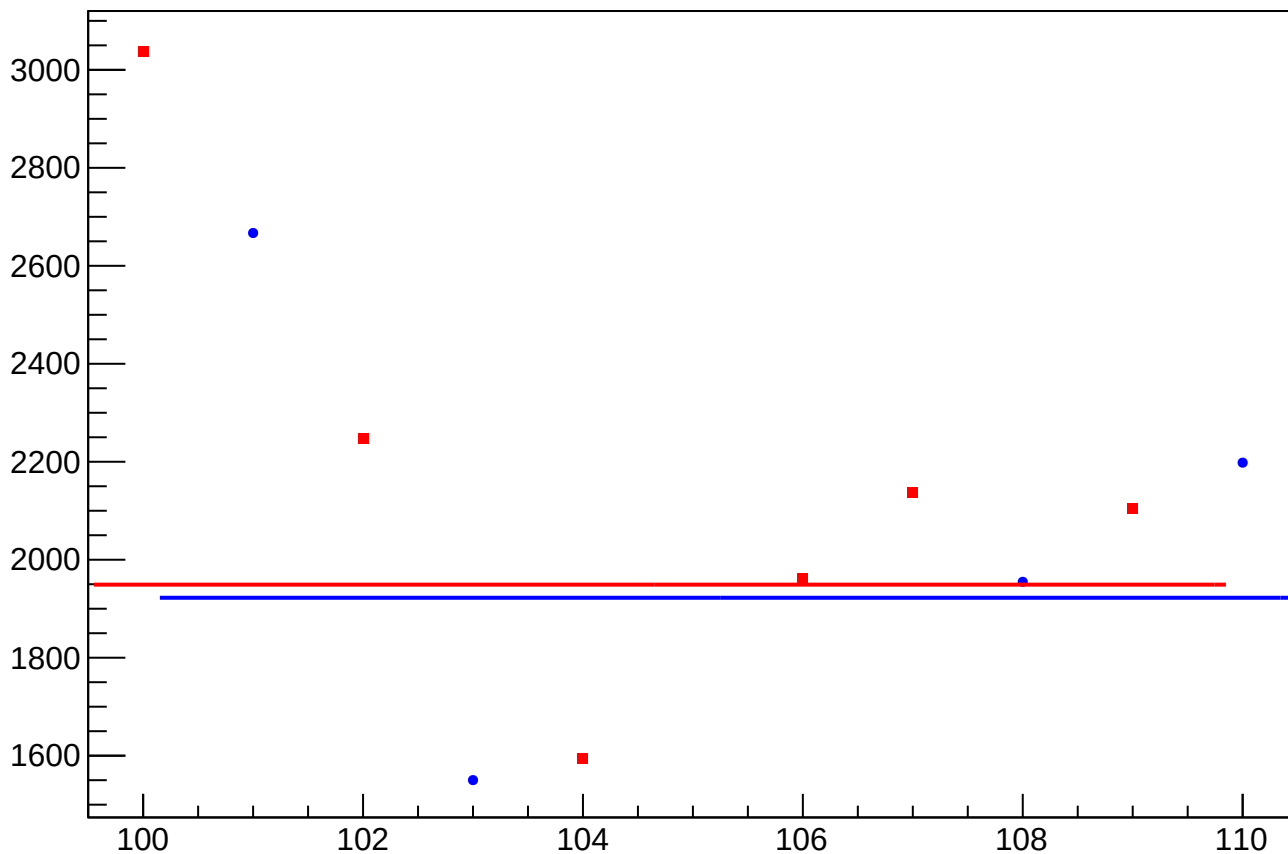
Right: 1969.743+/-959.603 χ^2/NDF : 8.5/9

In: 2099.137+/-1379.623 χ^2/NDF : 7.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1969.743+/-959.603 χ^2/NDF : 8.5/9

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1922.391+/-0.976 χ^2/NDF : 184307.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1949.155+/-0.937 χ^2/NDF : 98916.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

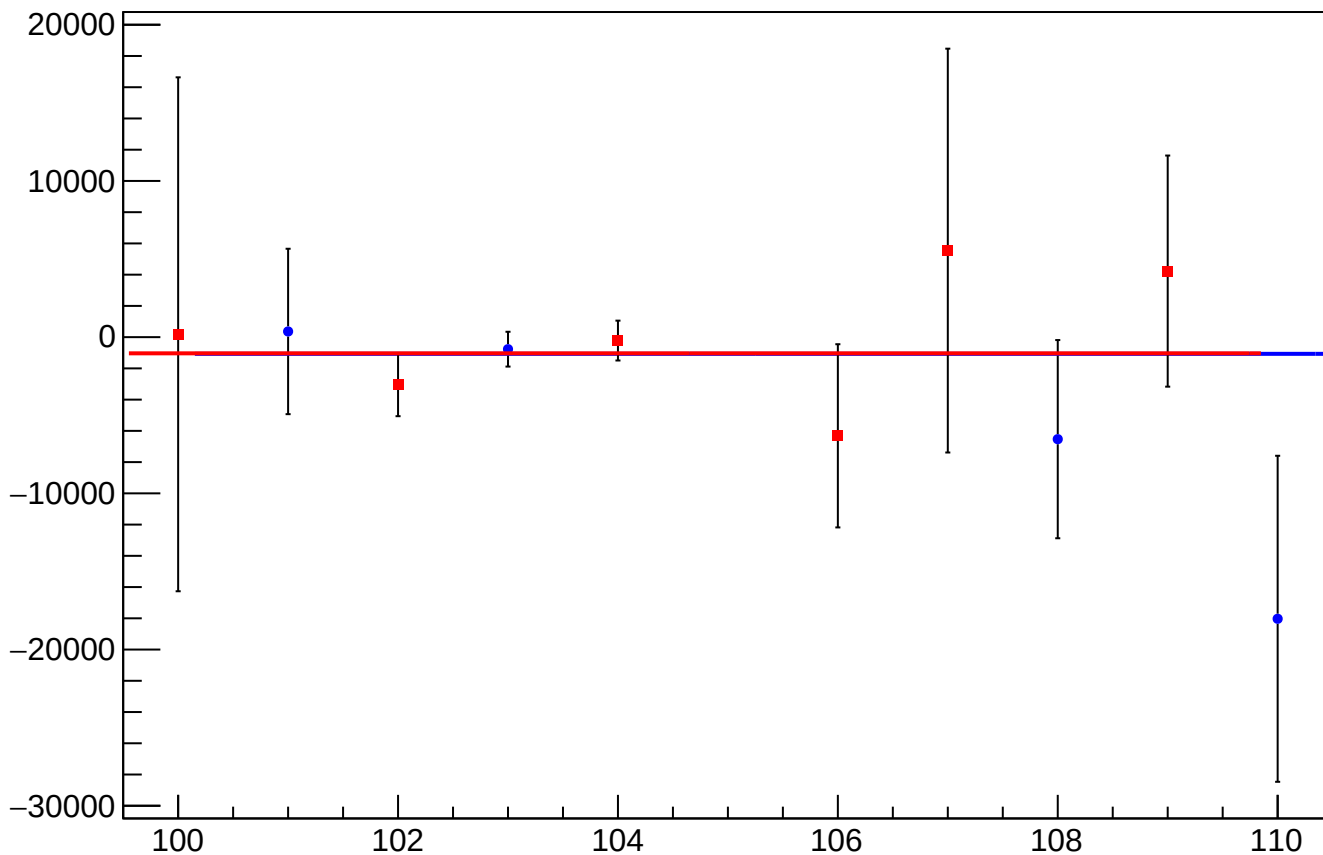
Right: 1936.306+/-0.676 χ^2/NDF : 283615.3/9

In: 1922.391+/-0.976 χ^2/NDF : 184307.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.306+/-0.676 χ^2/NDF : 283615.3/9

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1068.353+/-1069.009 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1035.963+/-1044.880 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

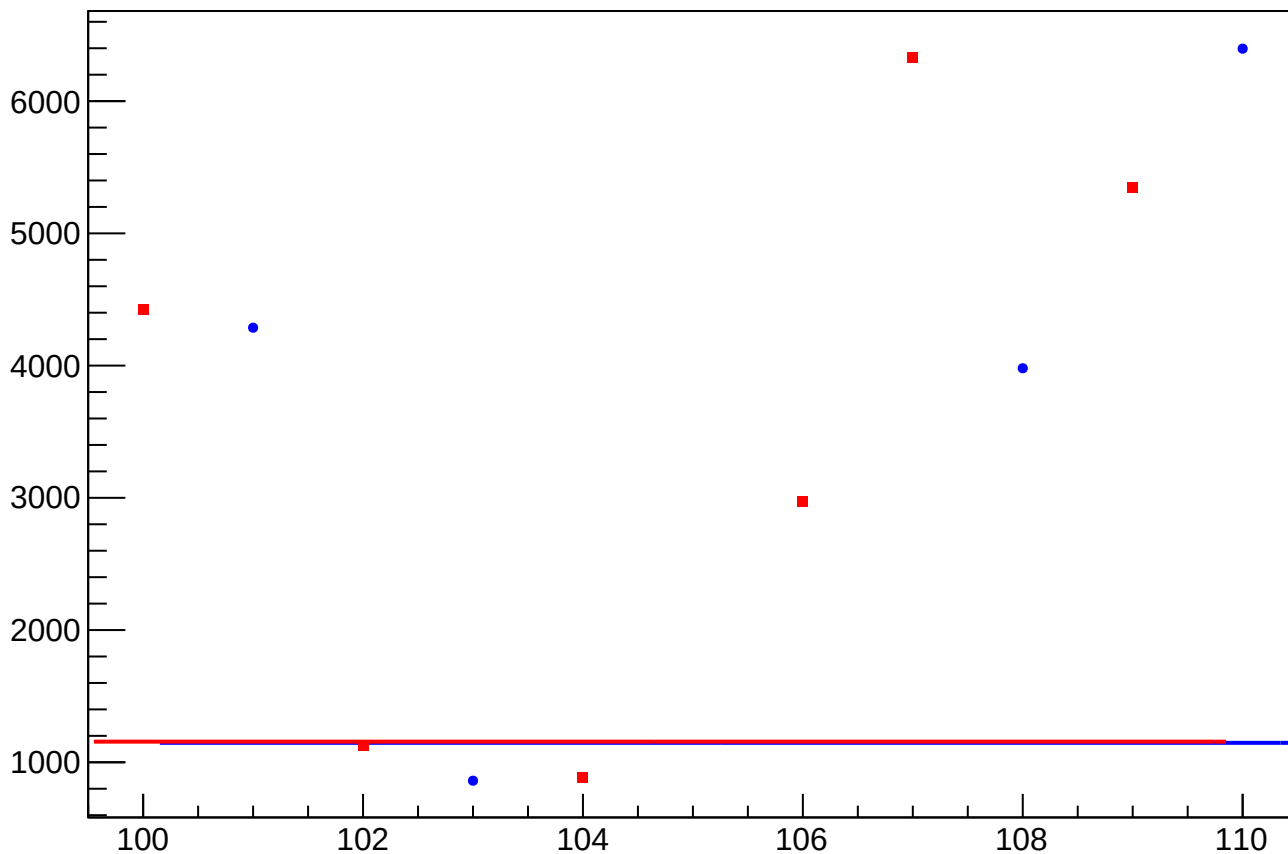
Right: -1051.788+/-747.226 χ^2/NDF : 6.5/9

In: -1068.353+/-1069.009 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1051.788+/-747.226 χ^2/NDF : 6.5/9

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1147.130+/-0.756 χ^2/NDF : 1740152.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1156.159+/-0.739 χ^2/NDF : 1323020.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

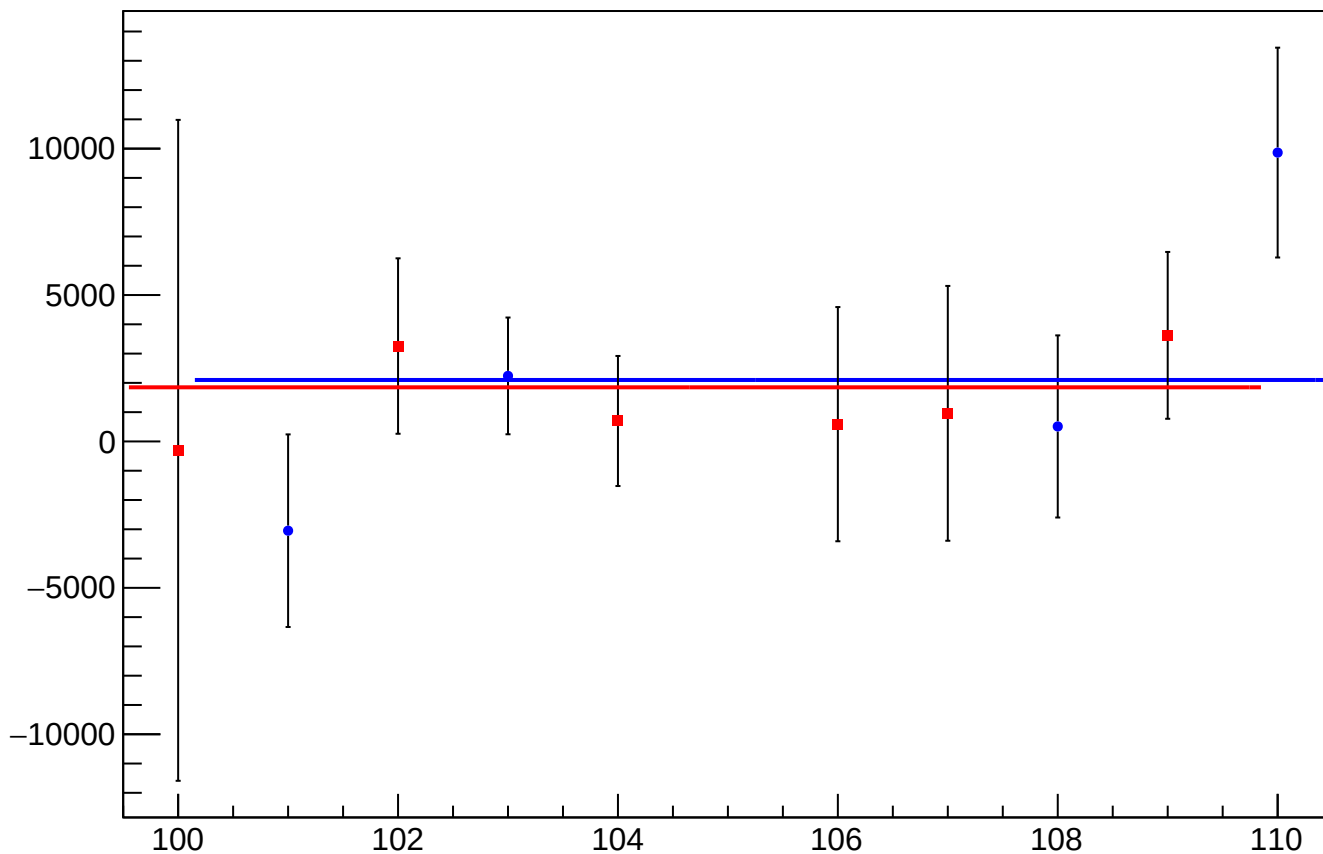
Right: 1151.747+/-0.528 χ^2/NDF : 3063246.1/9

In: 1147.130+/-0.756 χ^2/NDF : 1740152.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1151.747+/-0.528 χ^2/NDF : 3063246.1/9

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2099.137+/-1379.623 χ^2/NDF : 7.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.473+/-1335.614 χ^2/NDF : 1.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

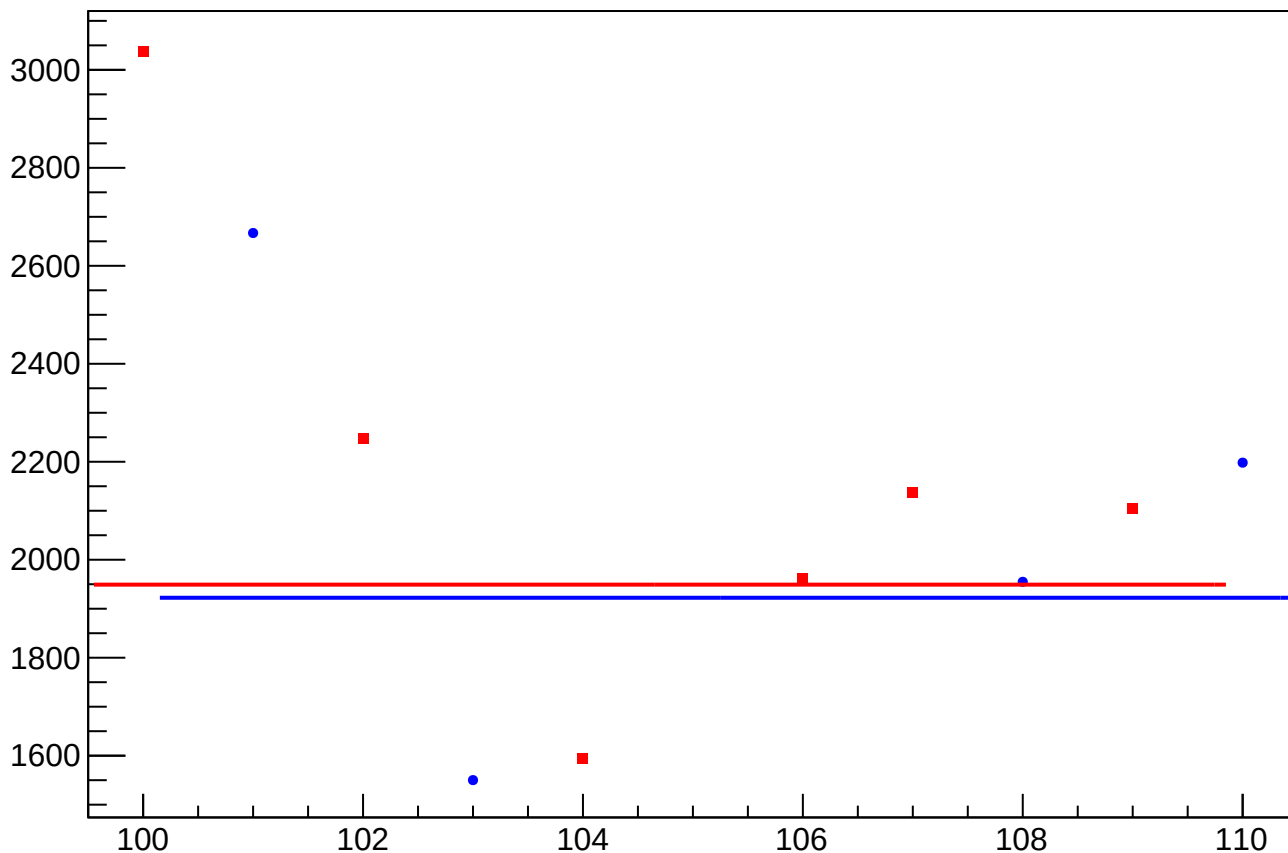
Right: 1969.743+/-959.603 χ^2/NDF : 8.5/9

In: 2099.137+/-1379.623 χ^2/NDF : 7.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1969.743+/-959.603 χ^2/NDF : 8.5/9

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1922.391+/-0.976 χ^2/NDF : 184307.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1949.155+/-0.937 χ^2/NDF : 98916.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

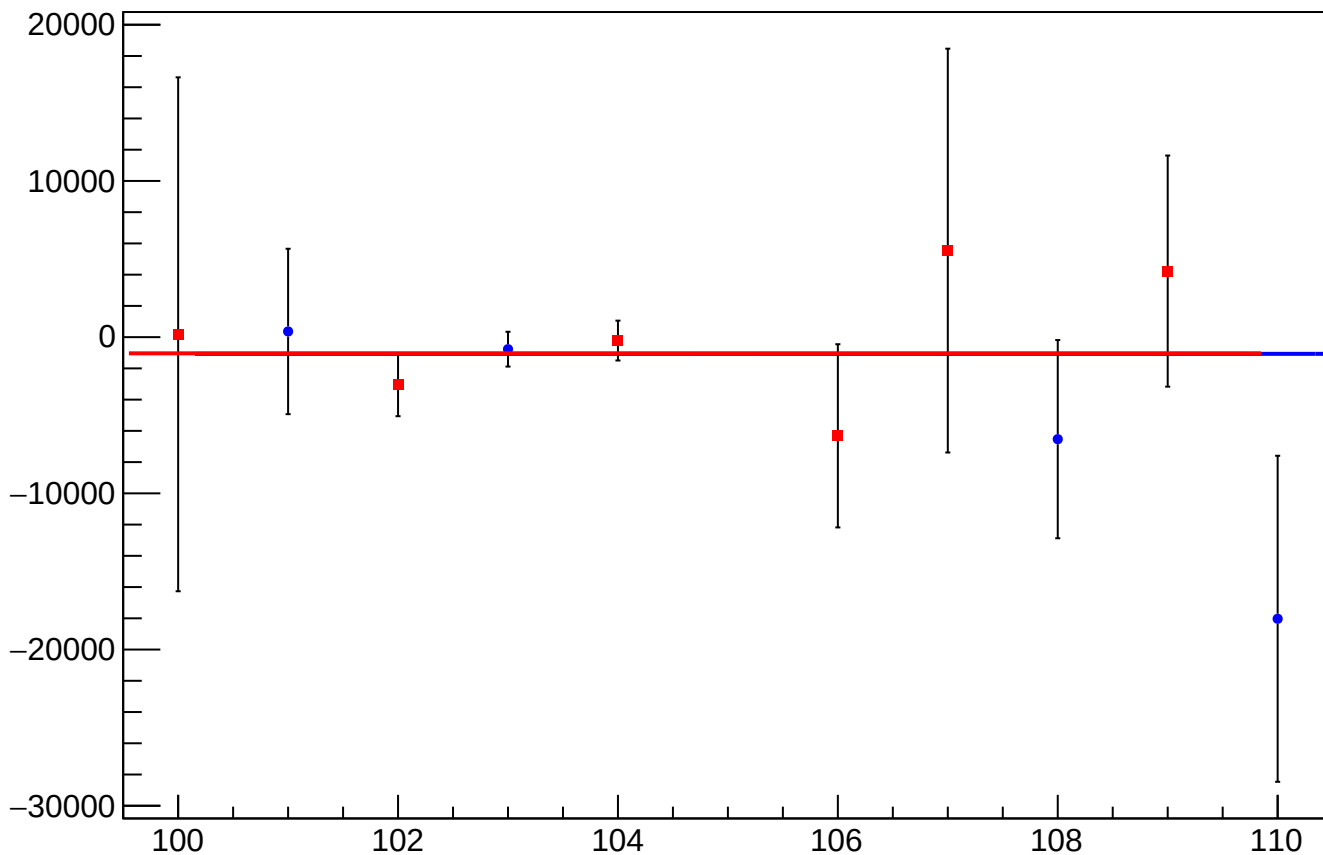
Right: 1936.306+/-0.676 χ^2/NDF : 283615.3/9

In: 1922.391+/-0.976 χ^2/NDF : 184307.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.306+/-0.676 χ^2/NDF : 283615.3/9

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1068.353+/-1069.009 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1035.963+/-1044.880 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

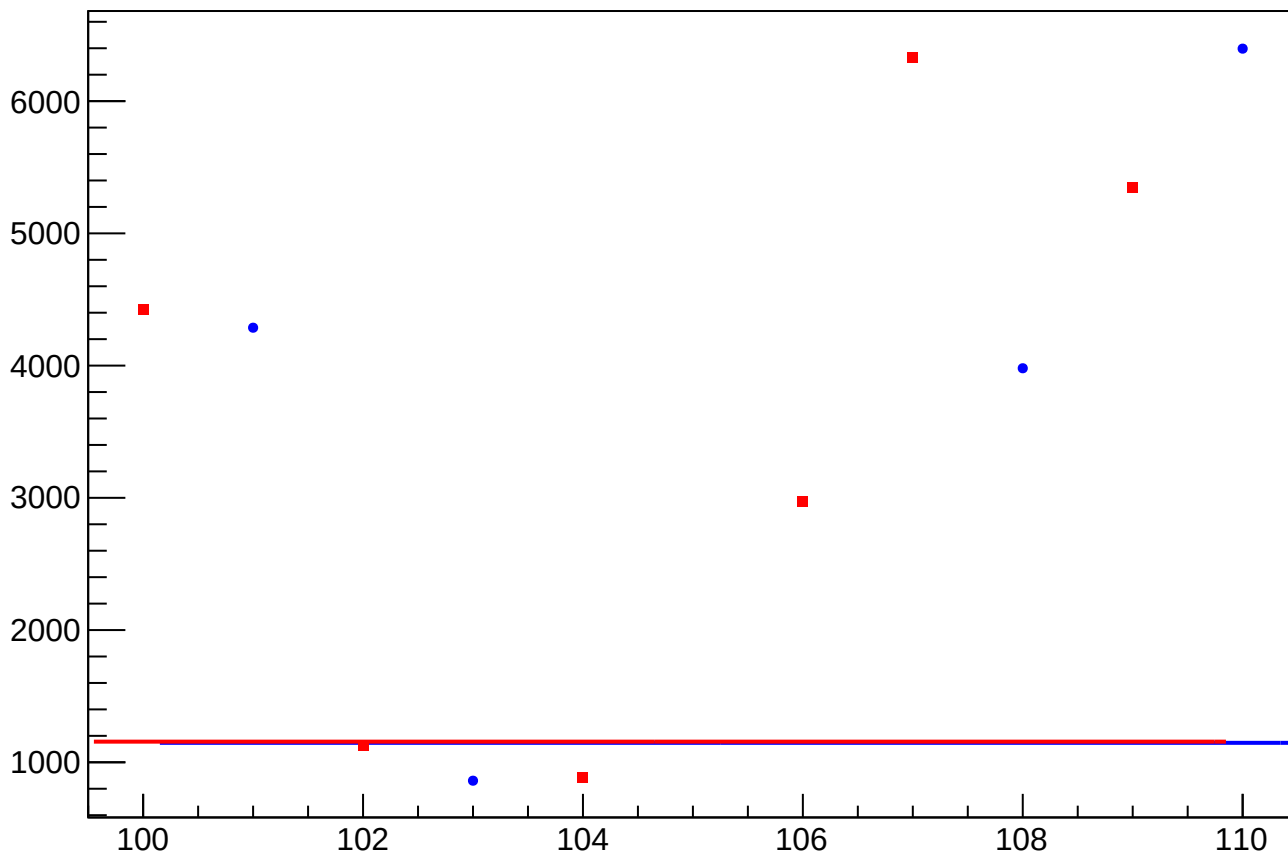
Right: -1051.788+/-747.226 χ^2/NDF : 6.5/9

In: -1068.353+/-1069.009 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1051.788+/-747.226 χ^2/NDF : 6.5/9

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1147.130+/-0.756 χ^2/NDF : 1740152.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1156.159+/-0.739 χ^2/NDF : 1323020.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

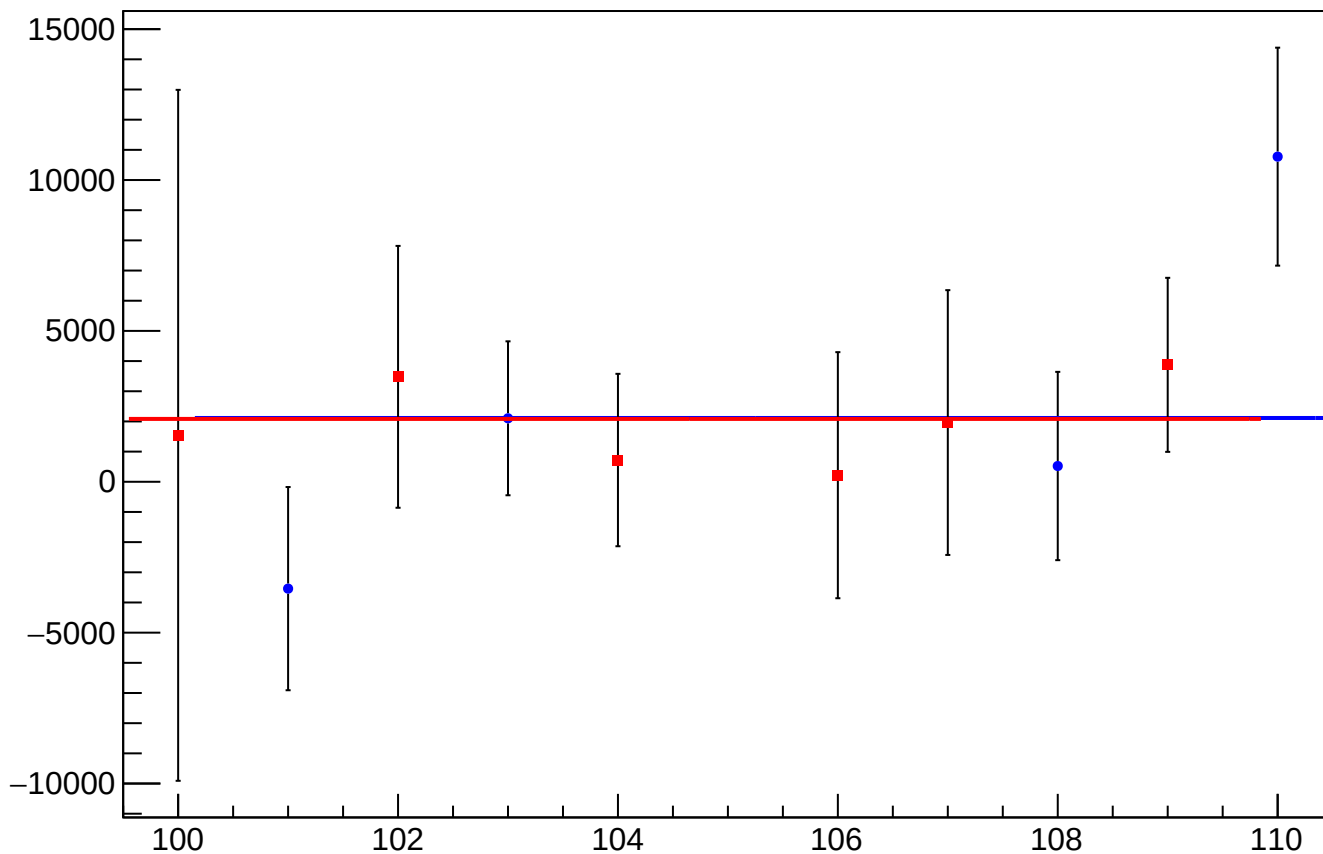
Right: 1151.747+/-0.528 χ^2/NDF : 3063246.1/9

In: 1147.130+/-0.756 χ^2/NDF : 1740152.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1151.747+/-0.528 χ^2/NDF : 3063246.1/9

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2114.232+/-1540.688 χ^2/NDF : 8.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2083.296+/-1551.144 χ^2/NDF : 0.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

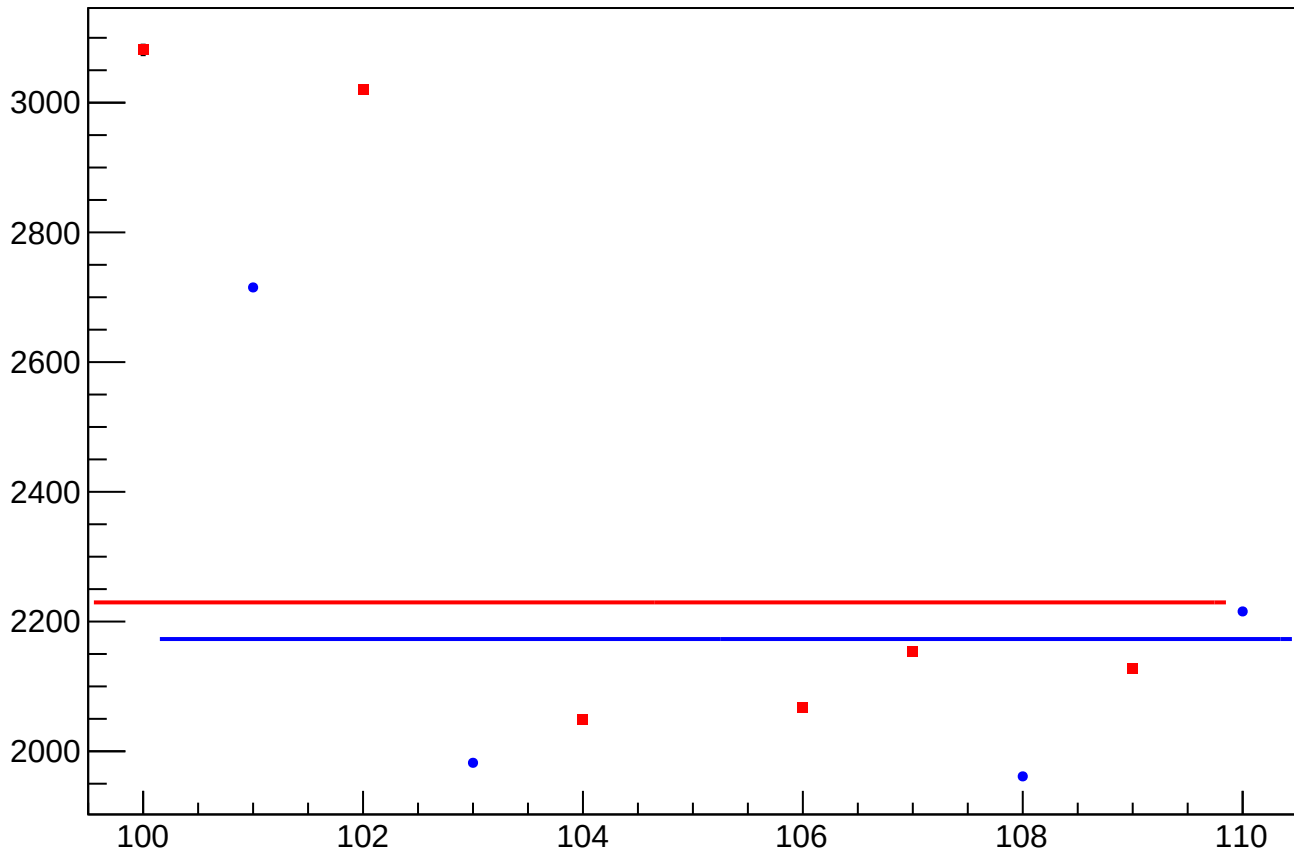
Right: 2098.868+/-1093.109 χ^2/NDF : 9.8/9

In: 2114.232+/-1540.688 χ^2/NDF : 8.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2098.868+/-1093.109 χ^2/NDF : 9.8/9

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2173.045+/-1.089 χ^2/NDF : 72516.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2229.529+/-1.093 χ^2/NDF : 91992.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

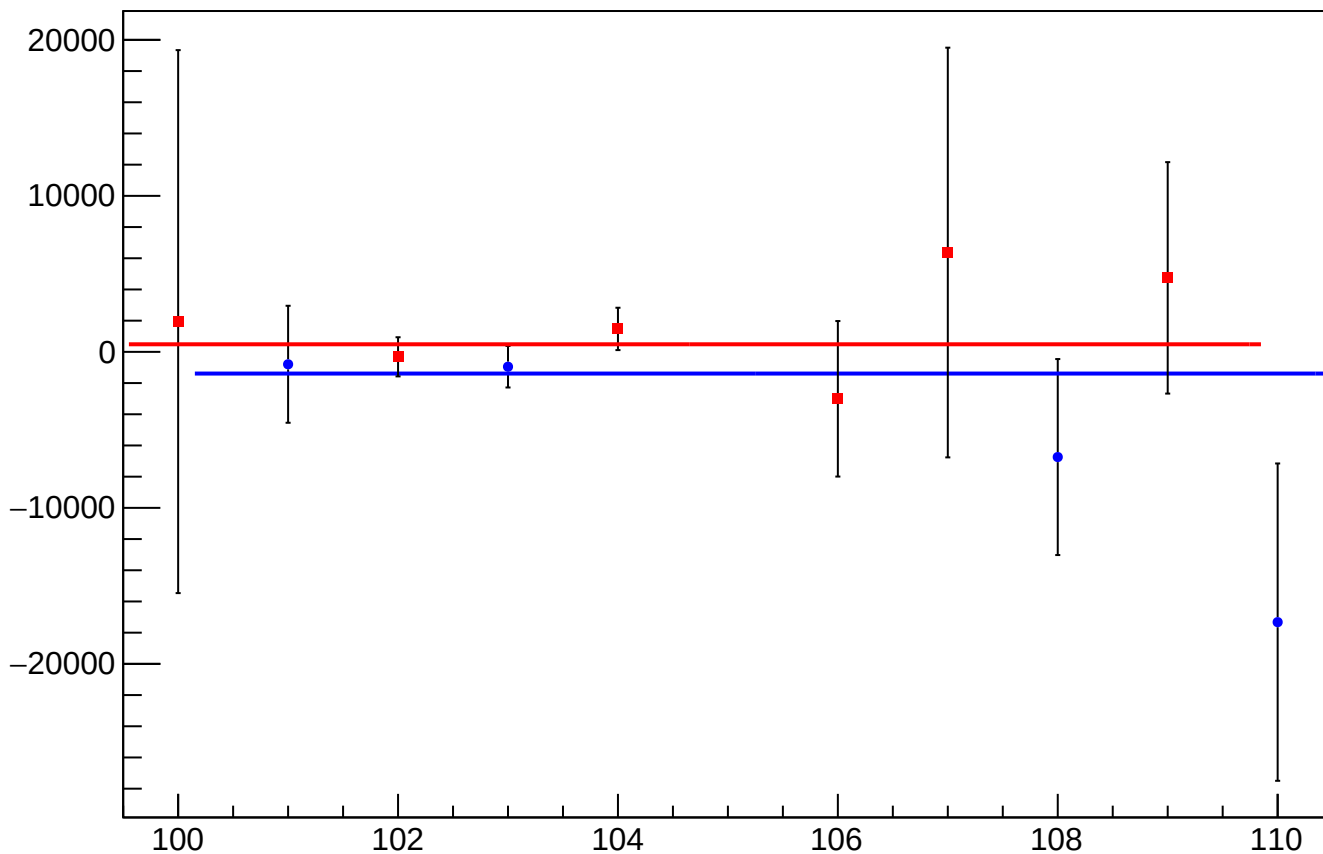
Right: 2201.203+/-0.771 χ^2/NDF : 165849.3/9

In: 2173.045+/-1.089 χ^2/NDF : 72516.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2201.203+/-0.771 χ^2/NDF : 165849.3/9

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1390.476+/-1220.663 χ^2/NDF : 3.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.063+/-896.003 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

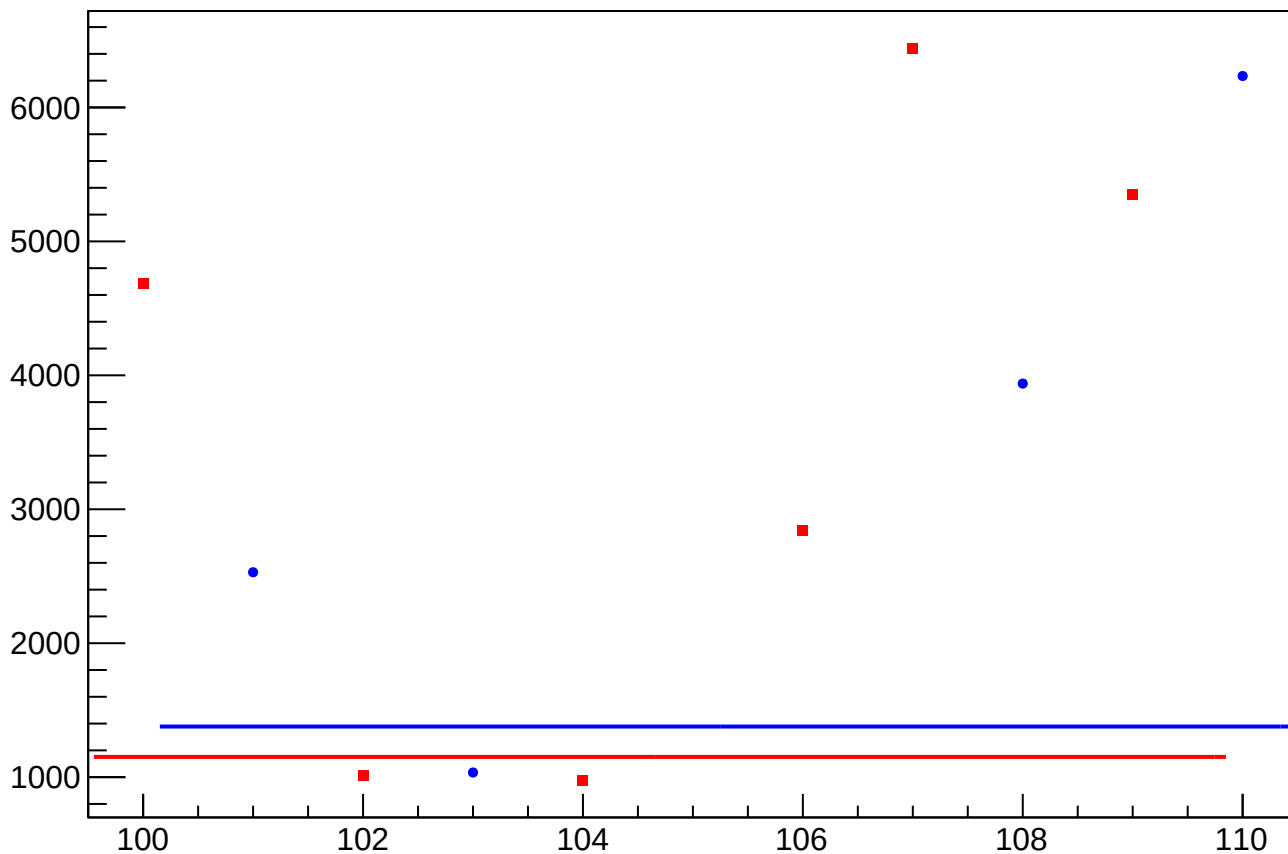
Right: -170.994+/-722.301 χ^2/NDF : 6.8/9

In: -1390.476+/-1220.663 χ^2/NDF : 3.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.994+/-722.301 χ^2/NDF : 6.8/9

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1377.785+/-0.863 χ^2/NDF : 1110124.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1151.264+/-0.634 χ^2/NDF : 1336810.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

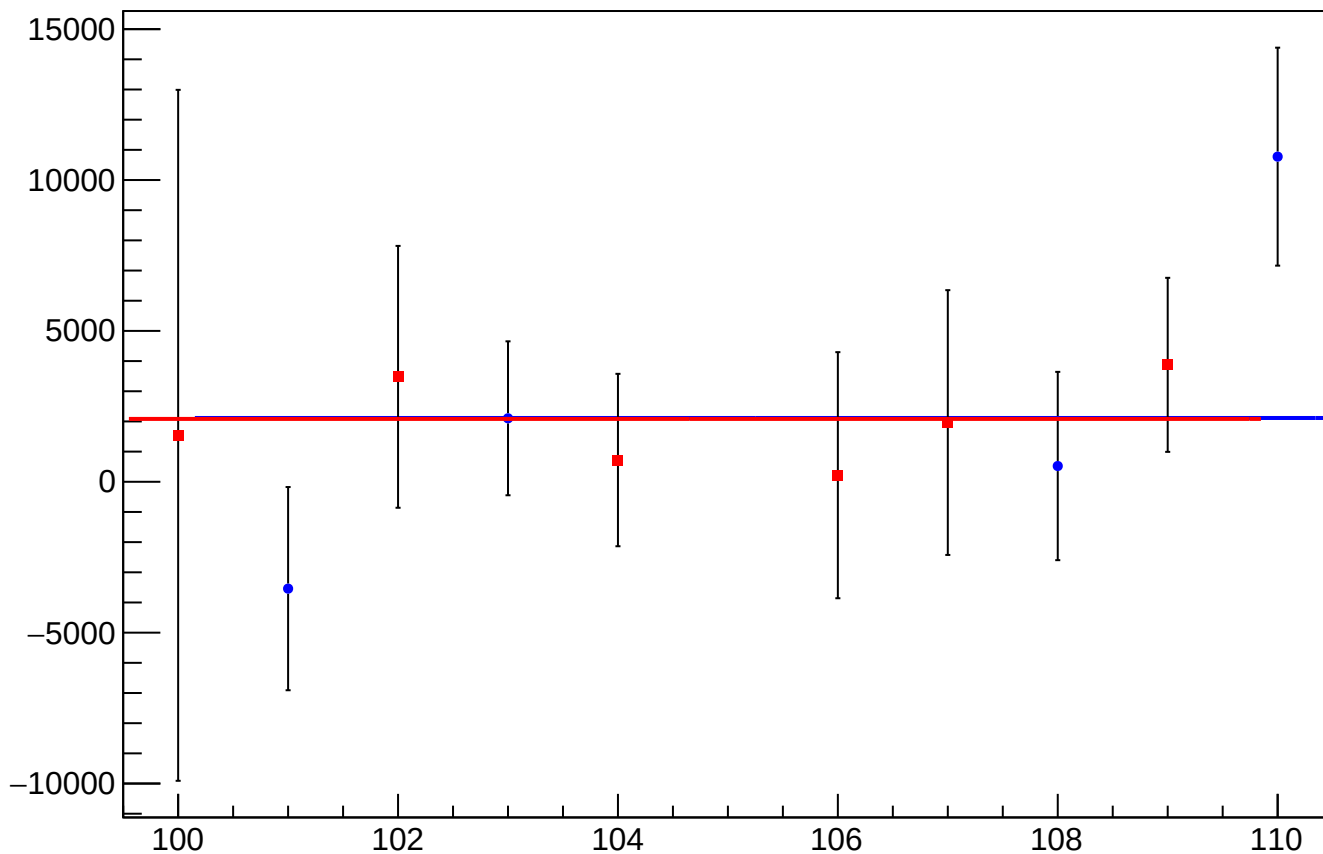
Right: 1230.579+/-0.511 χ^2/NDF : 2491693.1/9

In: 1377.785+/-0.863 χ^2/NDF : 1110124.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1230.579+/-0.511 χ^2/NDF : 2491693.1/9

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2114.225+/-1540.687 χ^2/NDF : 8.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2083.291+/-1551.143 χ^2/NDF : 0.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

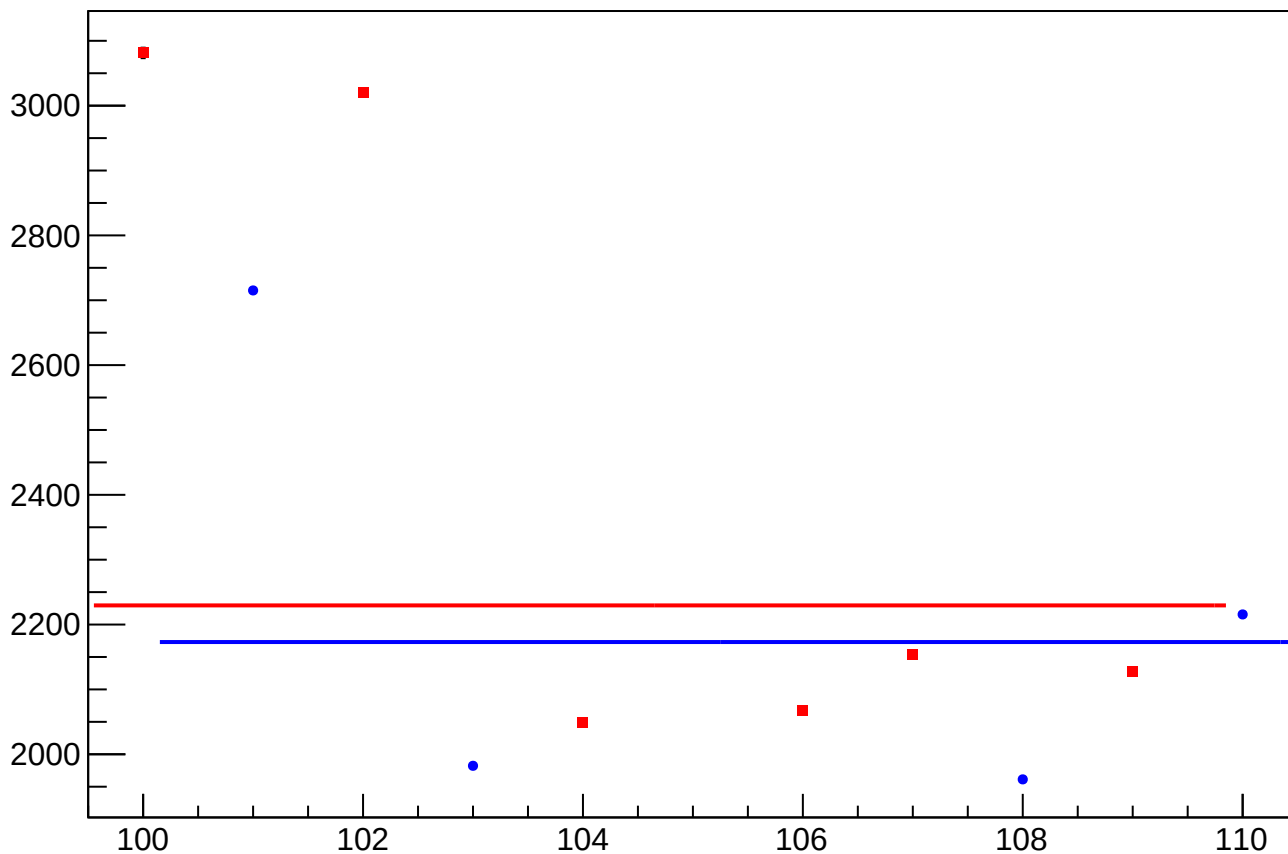
Right: 2098.862+/-1093.108 χ^2/NDF : 9.8/9

In: 2114.225+/-1540.687 χ^2/NDF : 8.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2098.862+/-1093.108 χ^2/NDF : 9.8/9

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2173.043+/-1.089 χ^2/NDF : 72517.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2229.527+/-1.093 χ^2/NDF : 91991.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

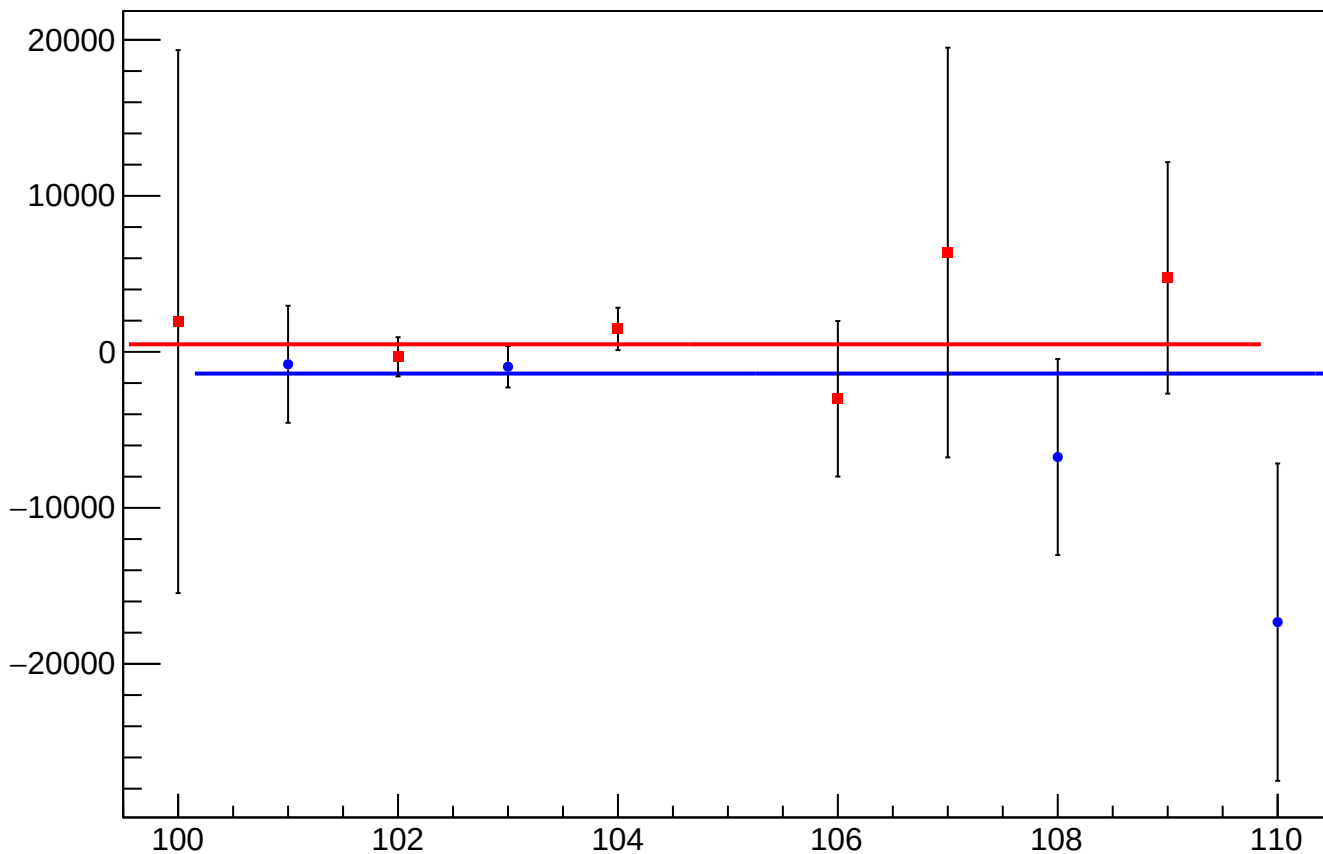
Right: 2201.201+/-0.771 χ^2/NDF : 165849.4/9

In: 2173.043+/-1.089 χ^2/NDF : 72517.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2201.201+/-0.771 χ^2/NDF : 165849.4/9

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1390.481+/-1220.662 χ^2/NDF : 3.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.057+/-896.002 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

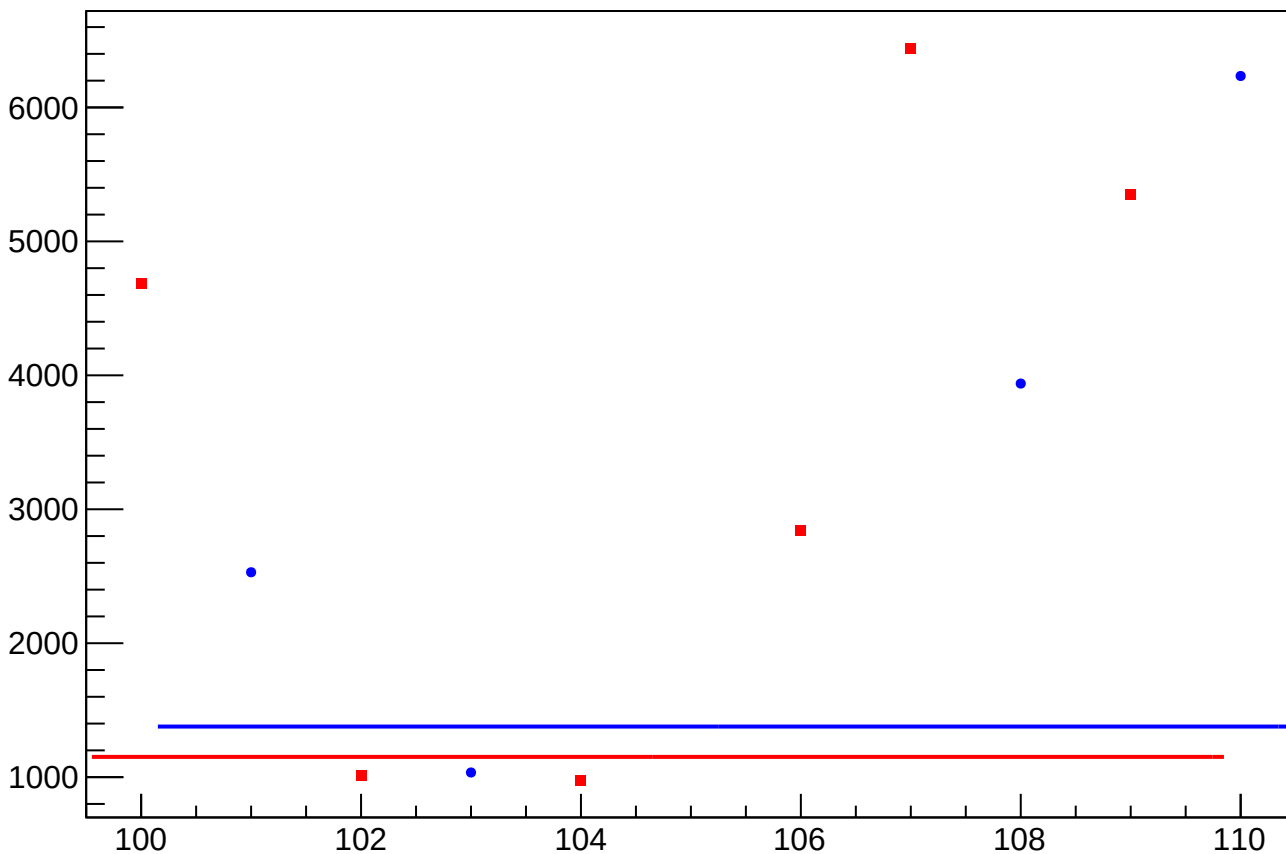
Right: -170.999+/-722.301 χ^2/NDF : 6.8/9

In: -1390.481+/-1220.662 χ^2/NDF : 3.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.999+/-722.301 χ^2/NDF : 6.8/9

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1377.784+/-0.863 χ^2/NDF : 1110125.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1151.264+/-0.634 χ^2/NDF : 1336809.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

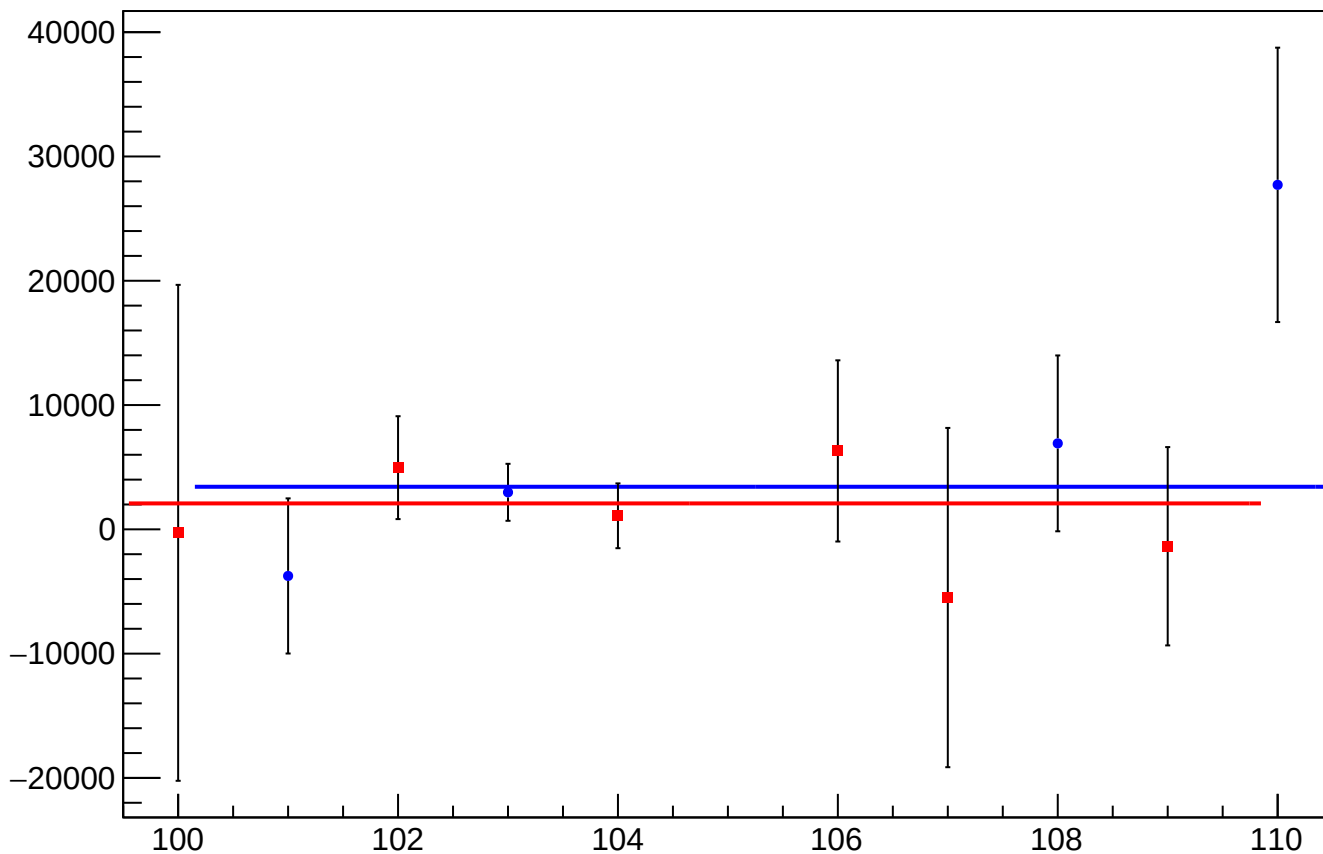
Right: 1230.578+/-0.511 χ^2/NDF : 2491692.8/9

In: 1377.784+/-0.863 χ^2/NDF : 1110125.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1230.578+/-0.511 χ^2/NDF : 2491692.8/9

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3425.604+/-2023.435 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2085.941+/-2008.195 χ^2/NDF : 1.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

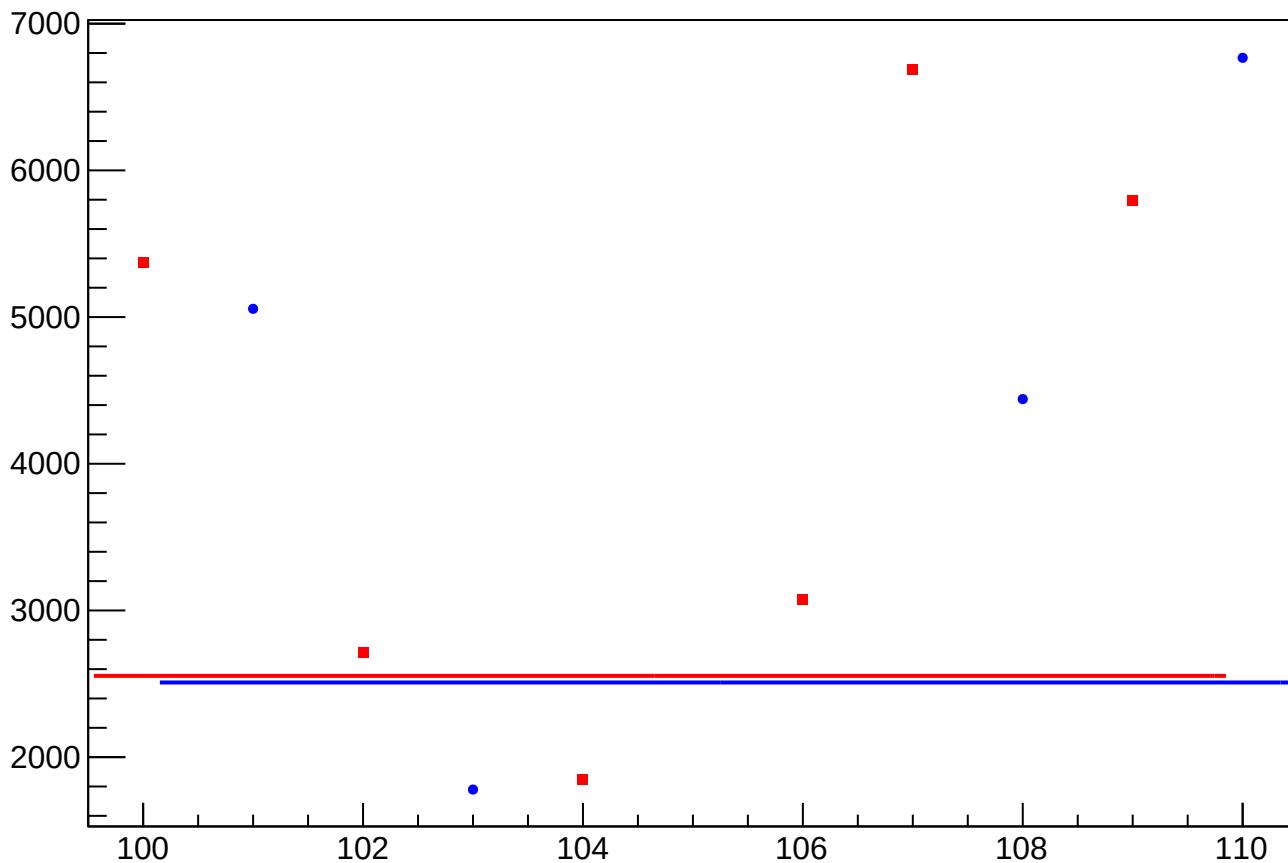
Right: 2750.708+/-1425.366 χ^2/NDF : 8.1/9

In: 3425.604+/-2023.435 χ^2/NDF : 6.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2750.708+/-1425.366 χ^2/NDF : 8.1/9

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2509.013+/-1.431 χ^2/NDF : 982858.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2554.228+/-1.397 χ^2/NDF : 716672.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

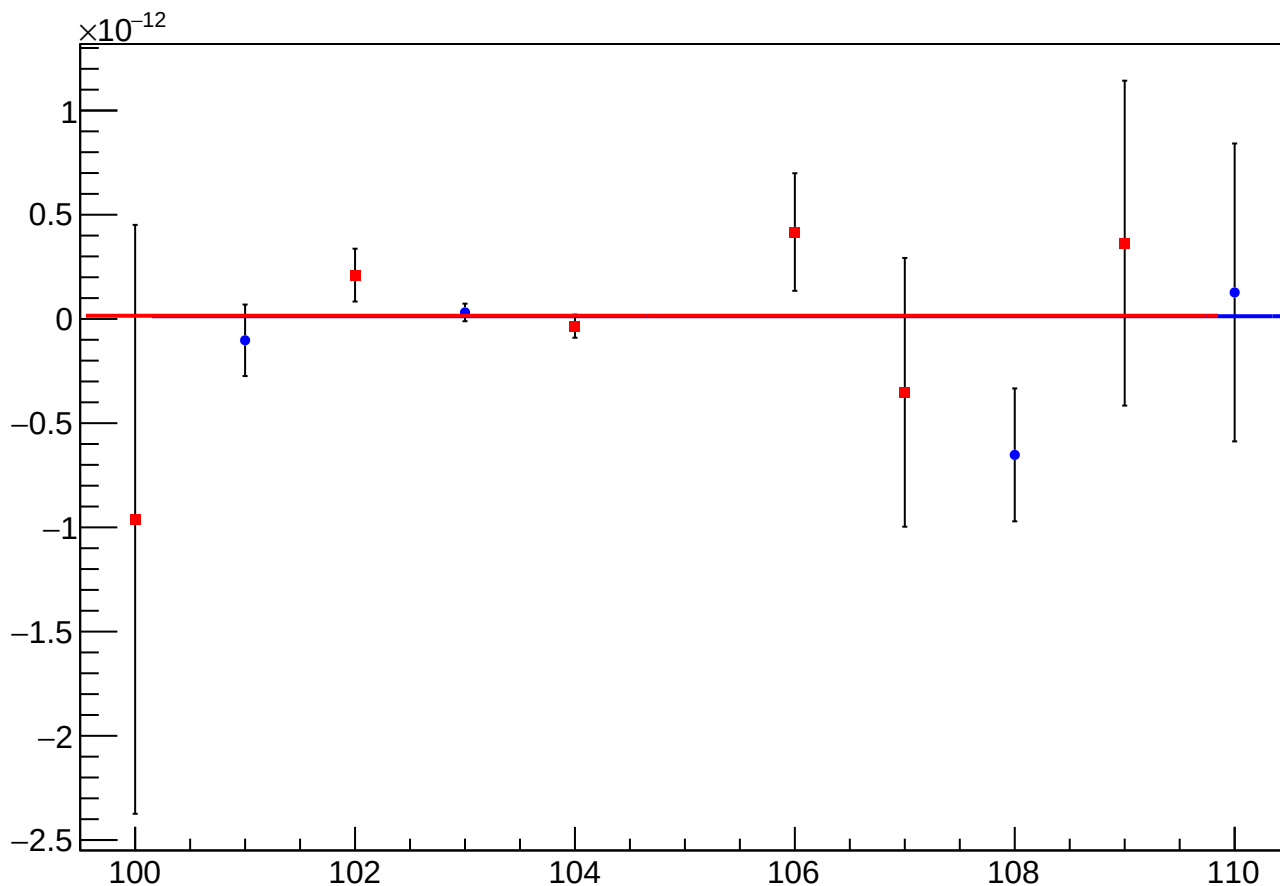
Right: 2532.168+/-0.999 χ^2/NDF : 1700042.2/9

In: 2509.013+/-1.431 χ^2/NDF : 982858.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2532.168+/-0.999 χ^2/NDF : 1700042.2/9

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

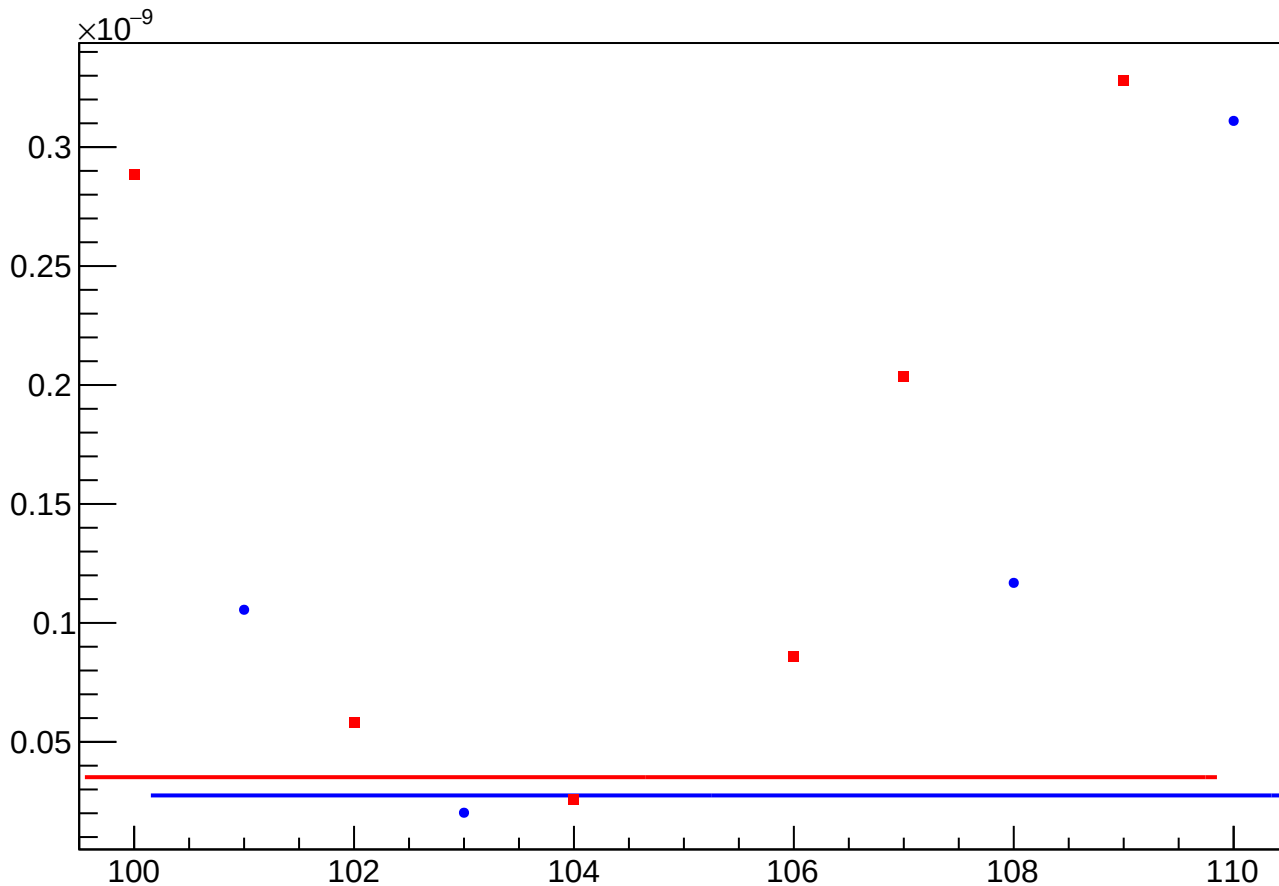
Right: 0.000+/-0.000 χ^2/NDF : 11.2/9

In: 0.000+/-0.000 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.2/9

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 945598.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 673007.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

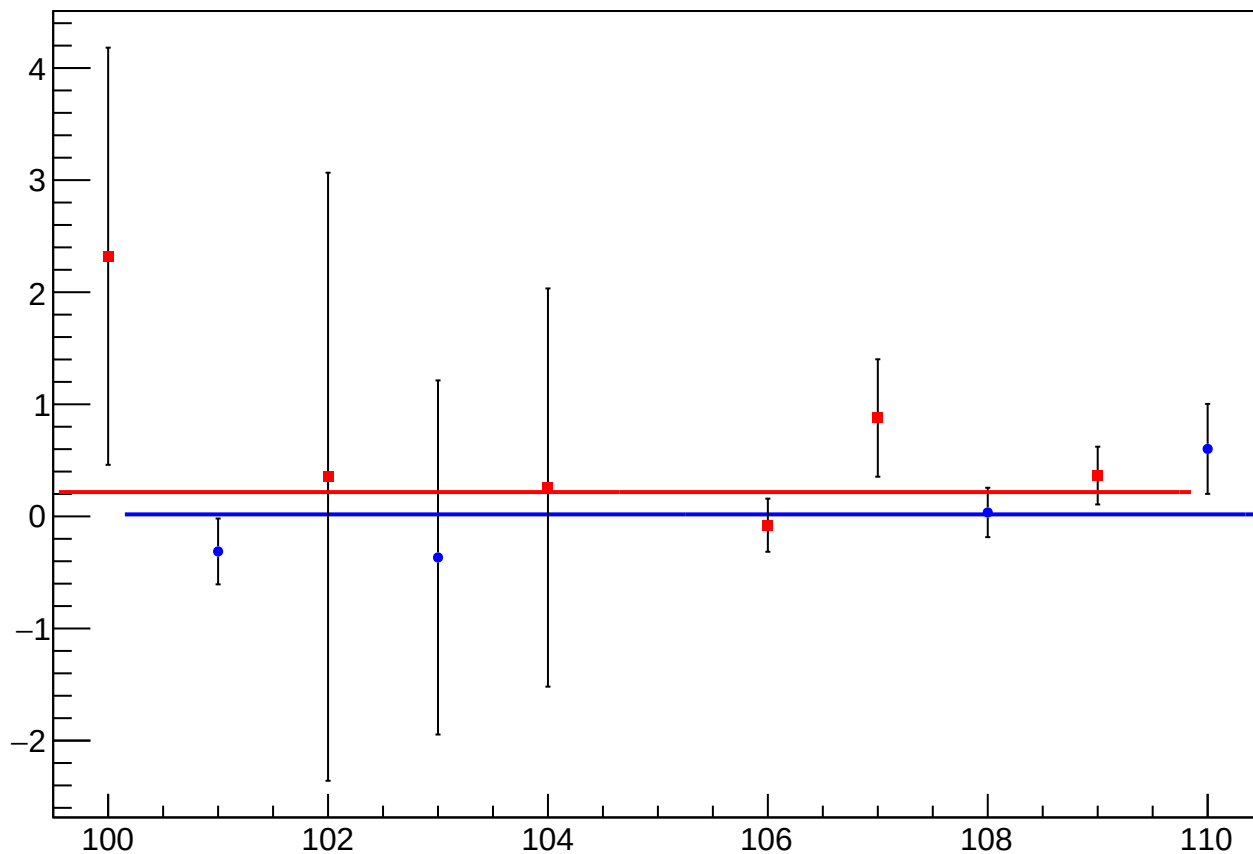
Right: 0.000+/-0.000 χ^2/NDF : 1647273.4/9

In: 0.000+/-0.000 χ^2/NDF : 945598.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1647273.4/9

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.161 χ^2 /NDF: 3.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.217 $\pm$ 0.164 χ^2 /NDF: 4.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

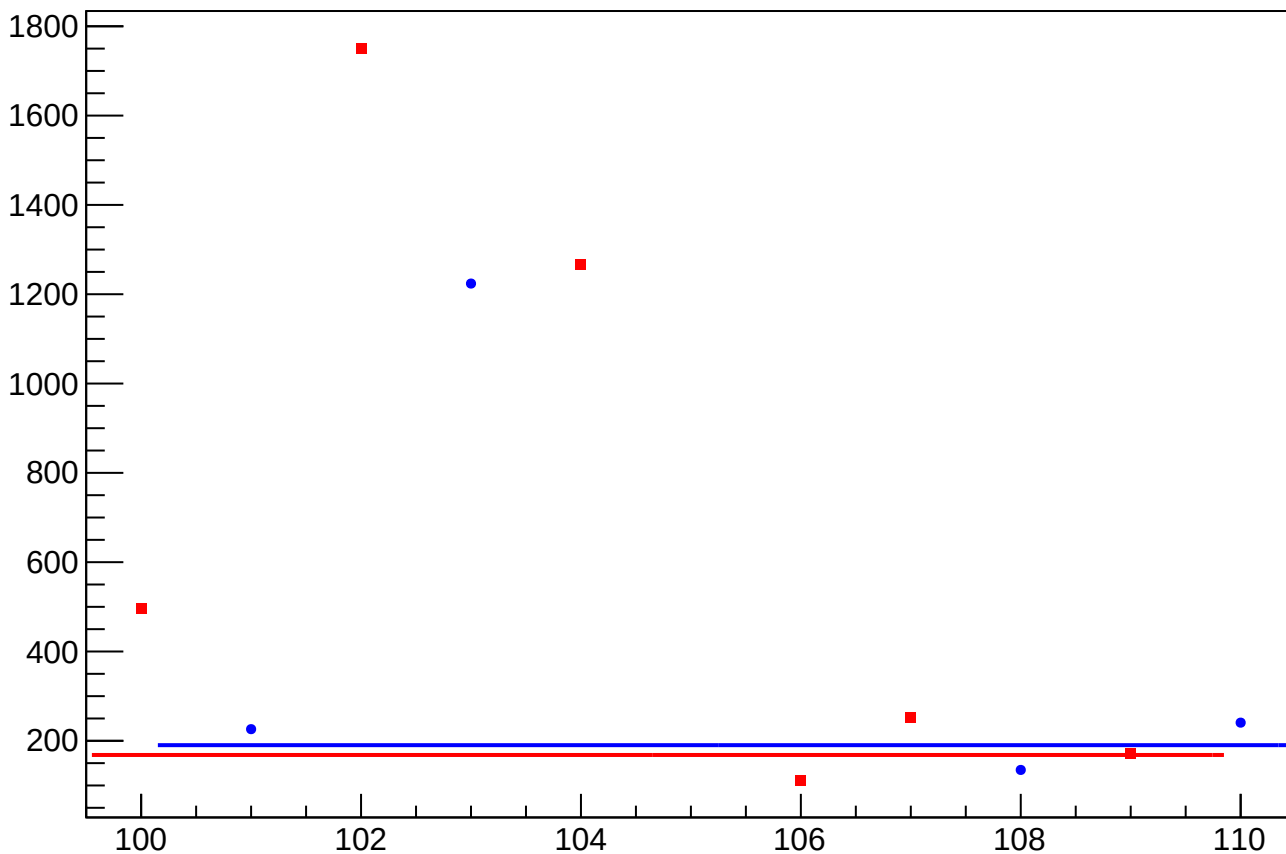
Right: 0.115 $\pm$ 0.115 χ^2 /NDF: 9.0/9

In: 0.018 $\pm$ 0.161 χ^2 /NDF:3.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.115 $\pm$ 0.115 χ^2 /NDF: 9.0/9

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 190.265+/-0.113 χ^2/NDF : 1044571.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.288+/-0.116 χ^2/NDF : 1679336.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

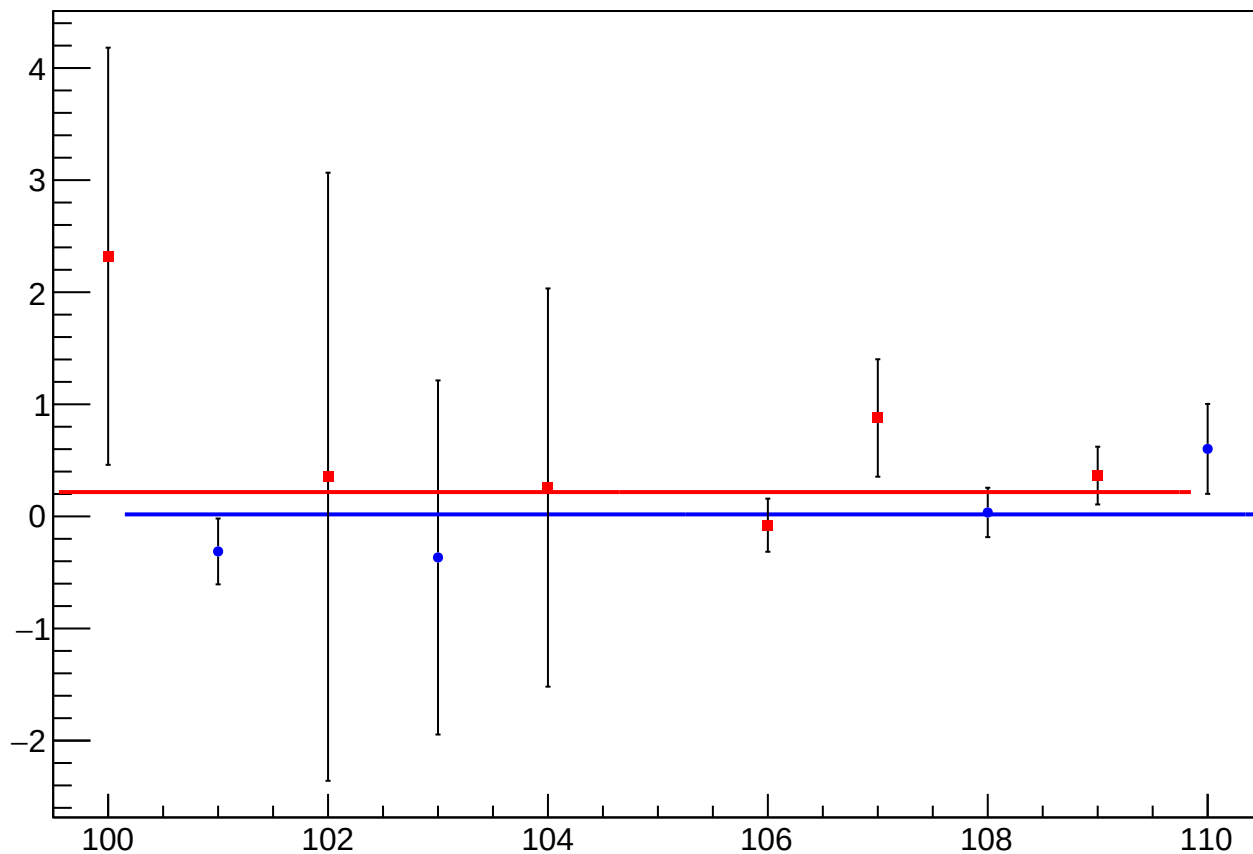
Right: 179.498+/-0.081 χ^2/NDF : 2742276.6/9

In: 190.265+/-0.113 χ^2/NDF : 1044571.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.498+/-0.081 χ^2/NDF : 2742276.6/9

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.161 χ^2 /NDF: 3.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.217 $\pm$ 0.164 χ^2 /NDF: 4.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

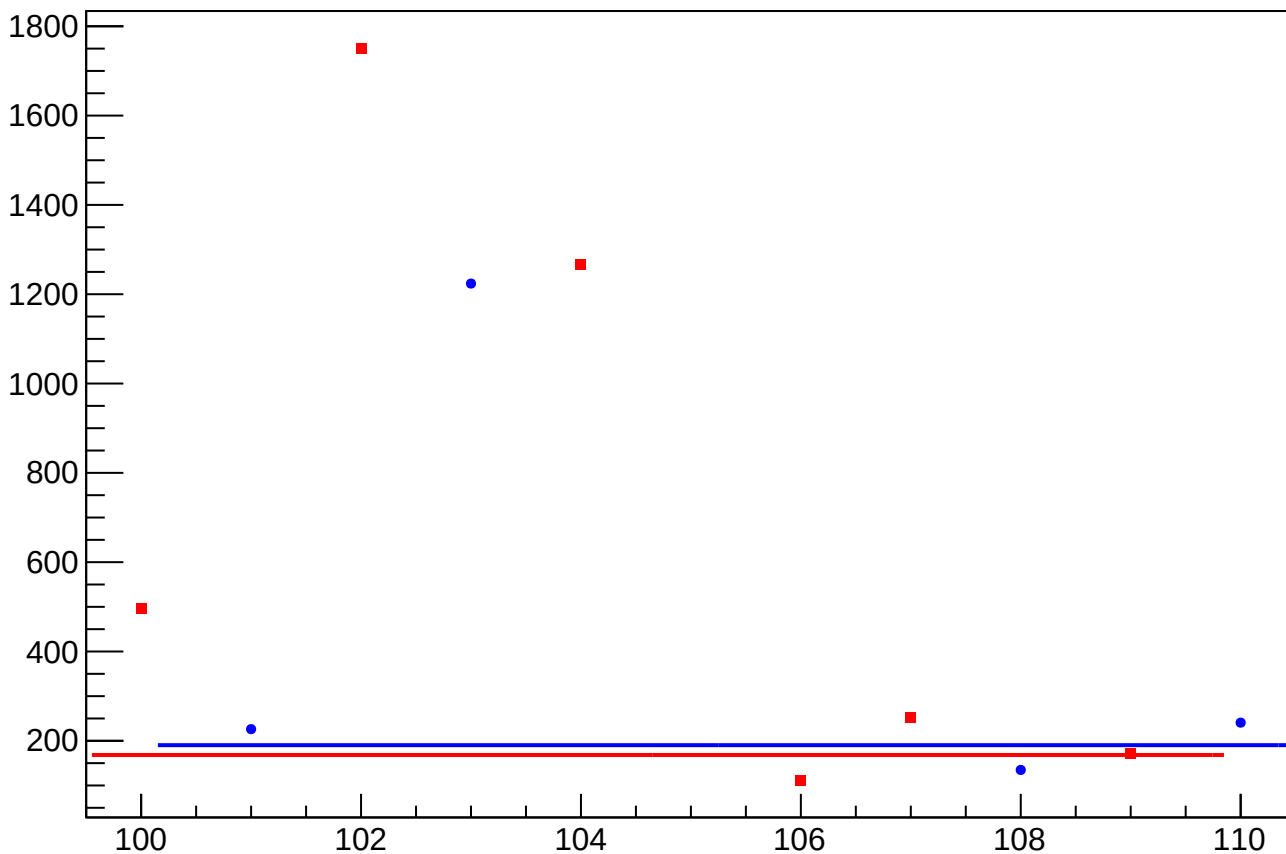
Right: 0.115 $\pm$ 0.115 χ^2 /NDF: 9.0/9

In: 0.018 $\pm$ 0.161 χ^2 /NDF:3.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.115 $\pm$ 0.115 χ^2 /NDF: 9.0/9

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 190.265+/-0.113 χ^2/NDF : 1044571.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 168.288+/-0.116 χ^2/NDF : 1679336.7/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

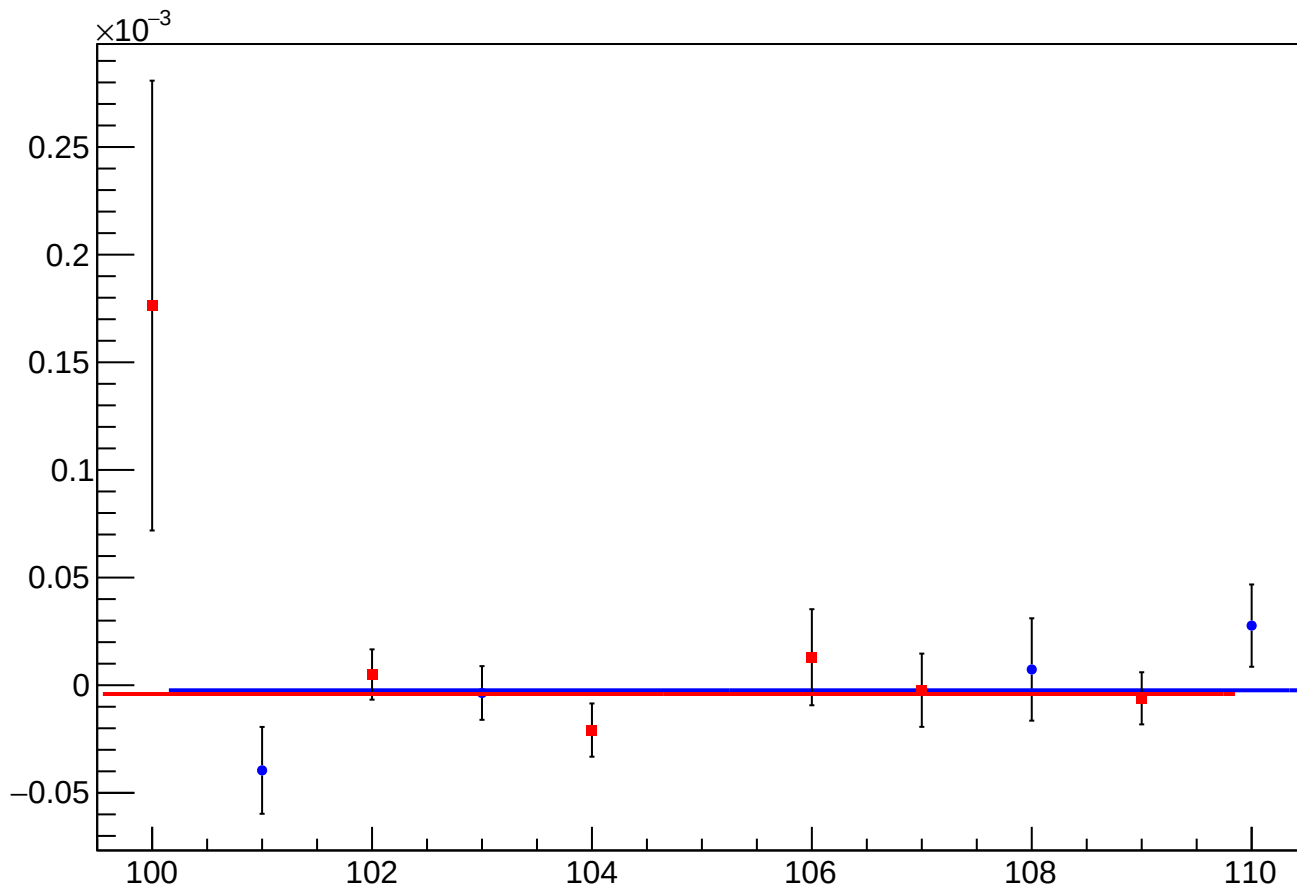
Right: 179.498+/-0.081 χ^2/NDF : 2742276.6/9

In: 190.265+/-0.113 χ^2/NDF :1044571.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 179.498+/-0.081 χ^2/NDF : 2742276.6/9

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.0/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

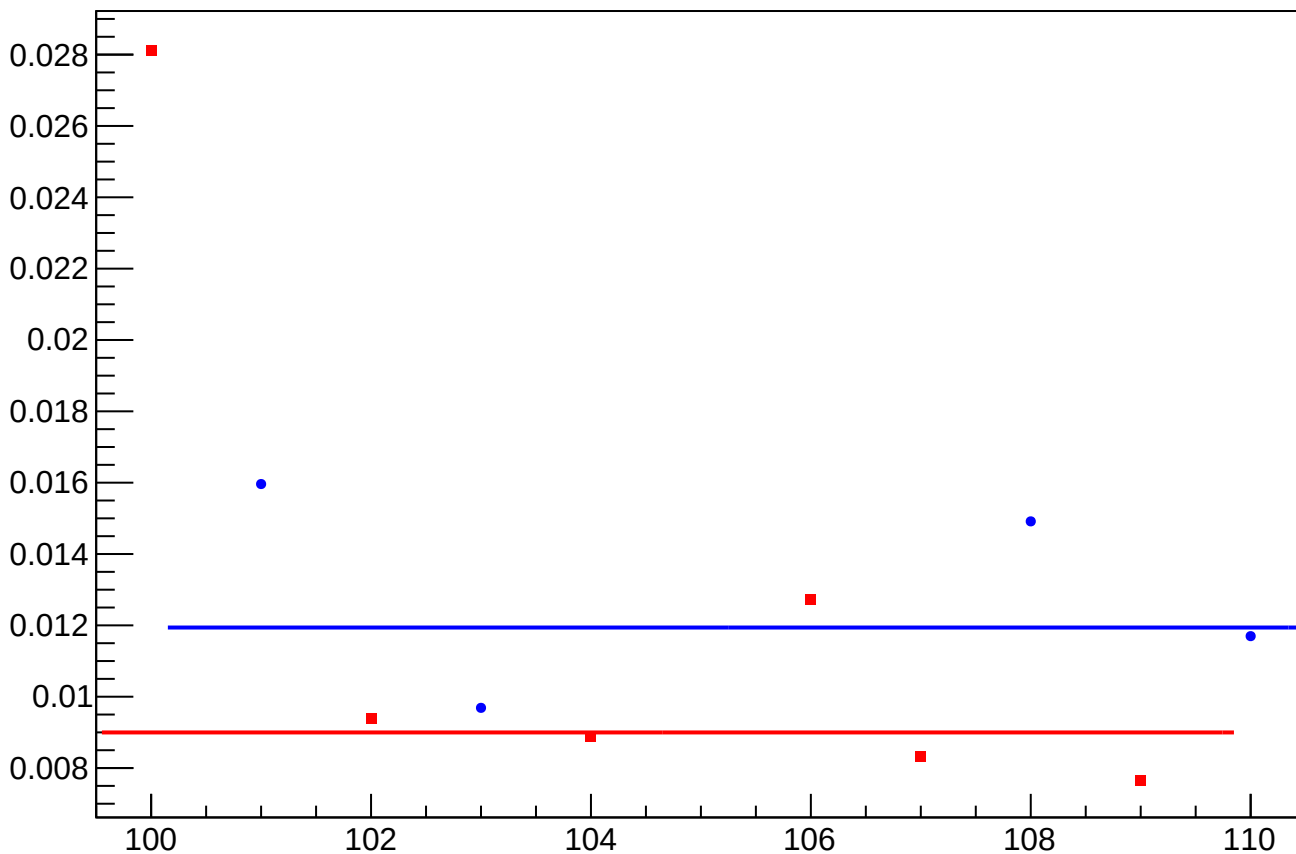
Right: -0.000+/-0.000 χ^2/NDF : 12.1/9

In: -0.000+/-0.000 χ^2/NDF :6.0/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.1/9

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 176366.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 153087.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

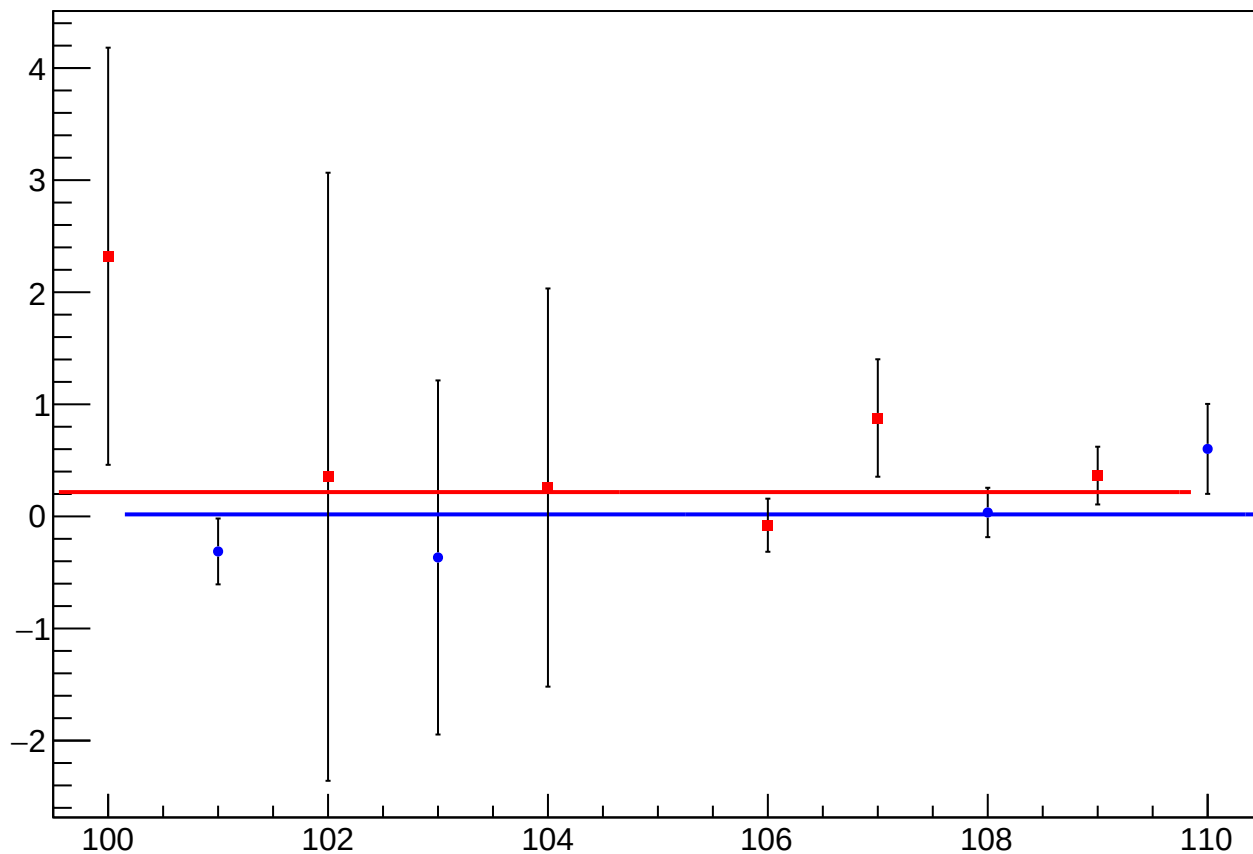
Right: 0.010+/-0.000 χ^2/NDF : 482892.2/9

In: 0.012+/-0.000 χ^2/NDF : 176366.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 482892.2/9

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.161 χ^2 /NDF: 3.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.217 $\pm$ 0.164 χ^2 /NDF: 4.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

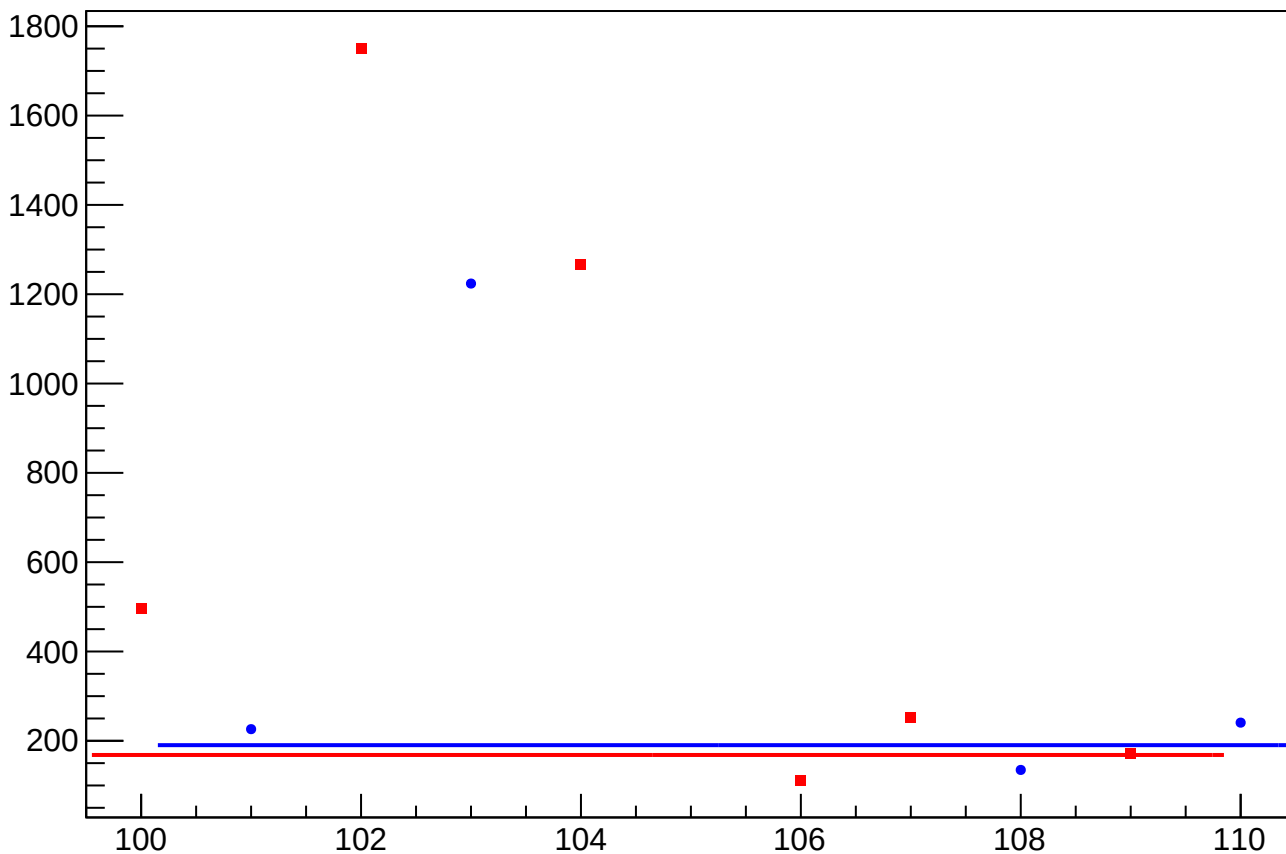
Right: 0.115 $\pm$ 0.115 χ^2 /NDF: 9.0/9

In: 0.018 $\pm$ 0.161 χ^2 /NDF:3.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.115 $\pm$ 0.115 χ^2 /NDF: 9.0/9

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 190.265+/-0.113 χ^2/NDF : 1044579.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.285+/-0.116 χ^2/NDF : 1679359.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

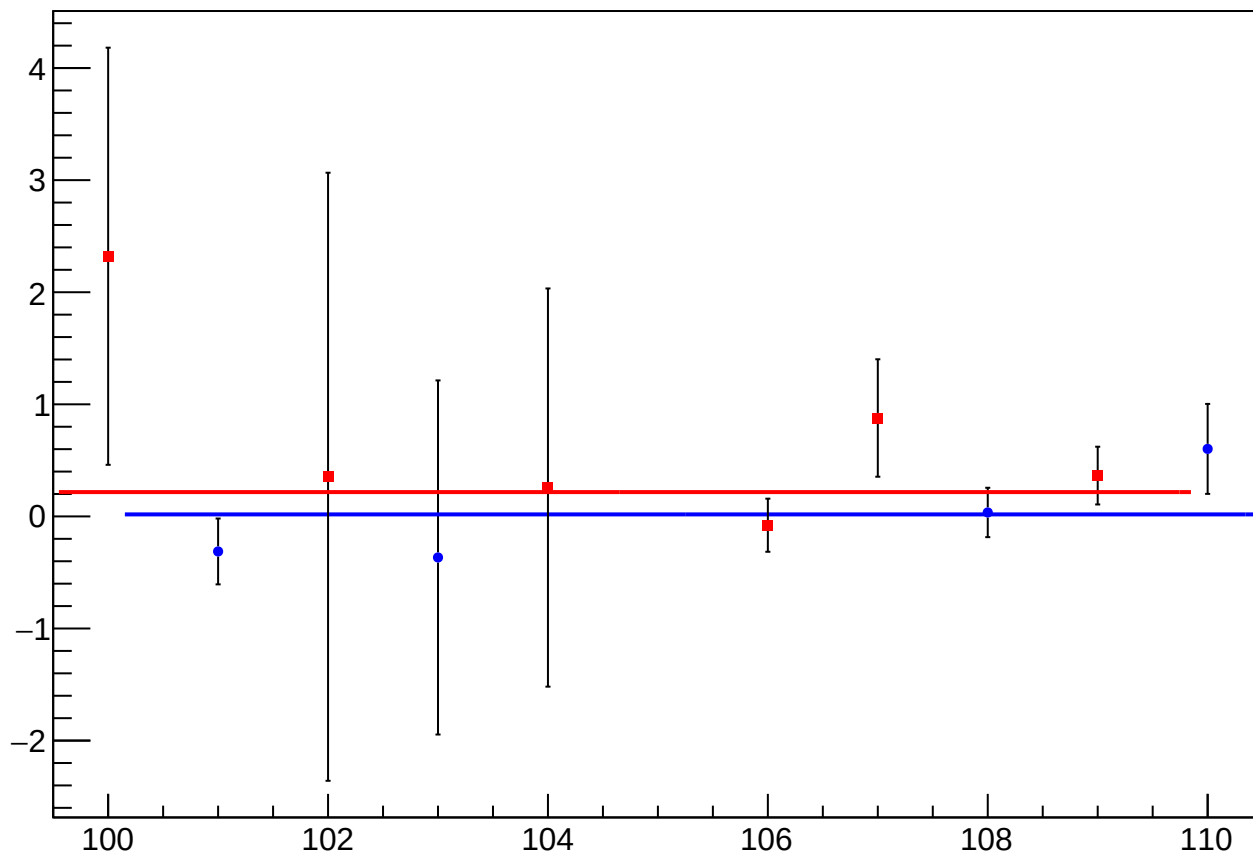
Right: 179.497+/-0.081 χ^2/NDF : 2742312.6/9

In: 190.265+/-0.113 χ^2/NDF : 1044579.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.497+/-0.081 χ^2/NDF : 2742312.6/9

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.161 χ^2 /NDF: 3.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.217 $\pm$ 0.164 χ^2 /NDF: 4.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

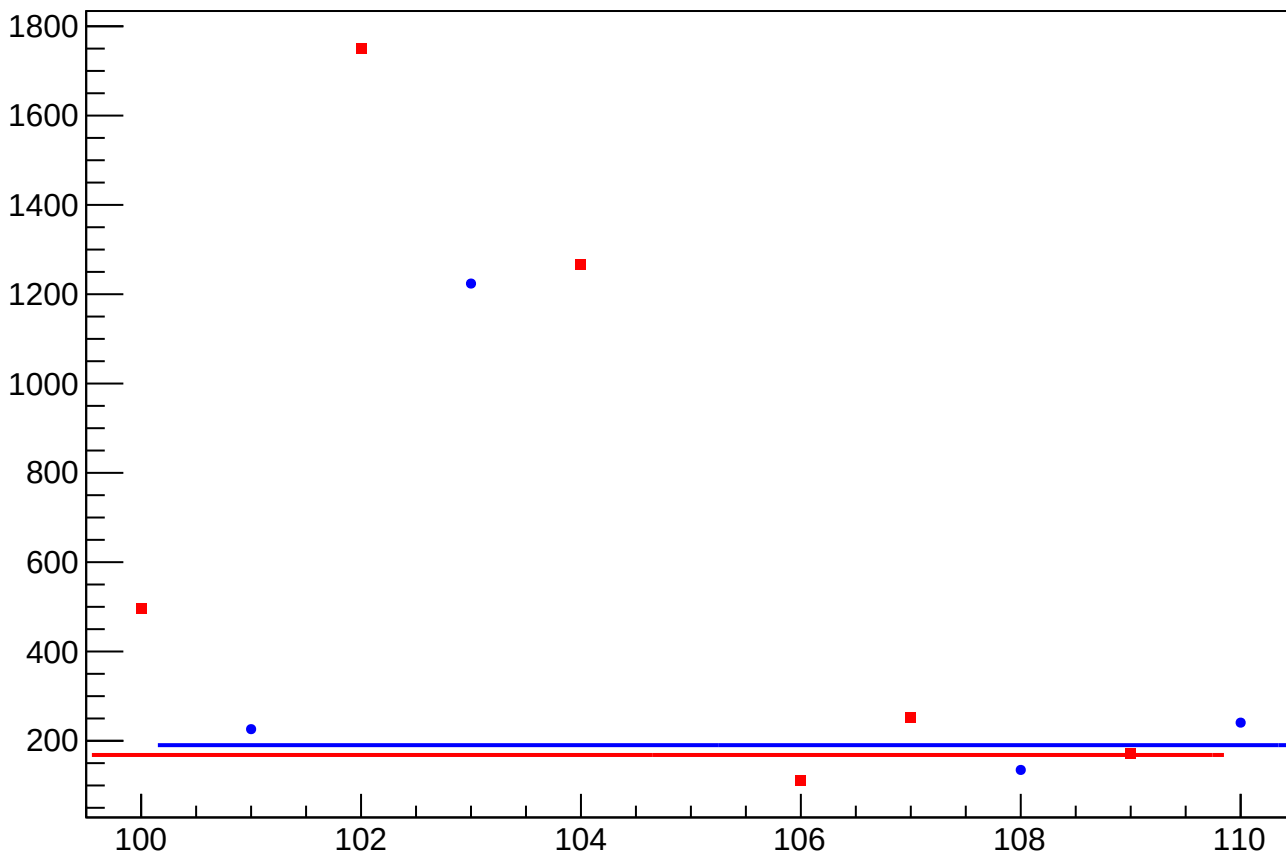
Right: 0.115 $\pm$ 0.115 χ^2 /NDF: 9.0/9

In: 0.018 $\pm$ 0.161 χ^2 /NDF:3.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.115 $\pm$ 0.115 χ^2 /NDF: 9.0/9

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 190.265+/-0.113 χ^2/NDF : 1044579.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.285+/-0.116 χ^2/NDF : 1679359.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

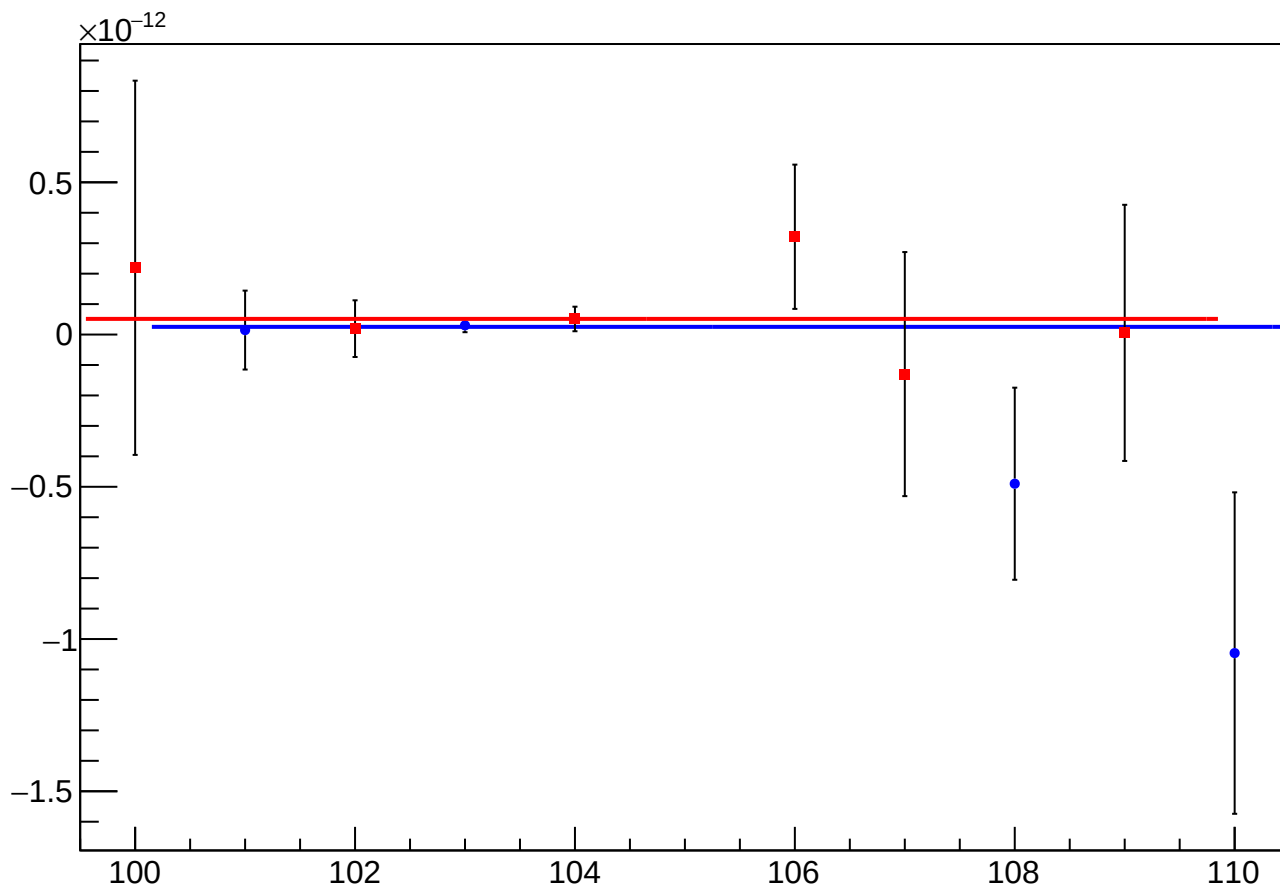
Right: 179.497+/-0.081 χ^2/NDF : 2742312.6/9

In: 190.265+/-0.113 χ^2/NDF : 1044579.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.497+/-0.081 χ^2/NDF : 2742312.6/9

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

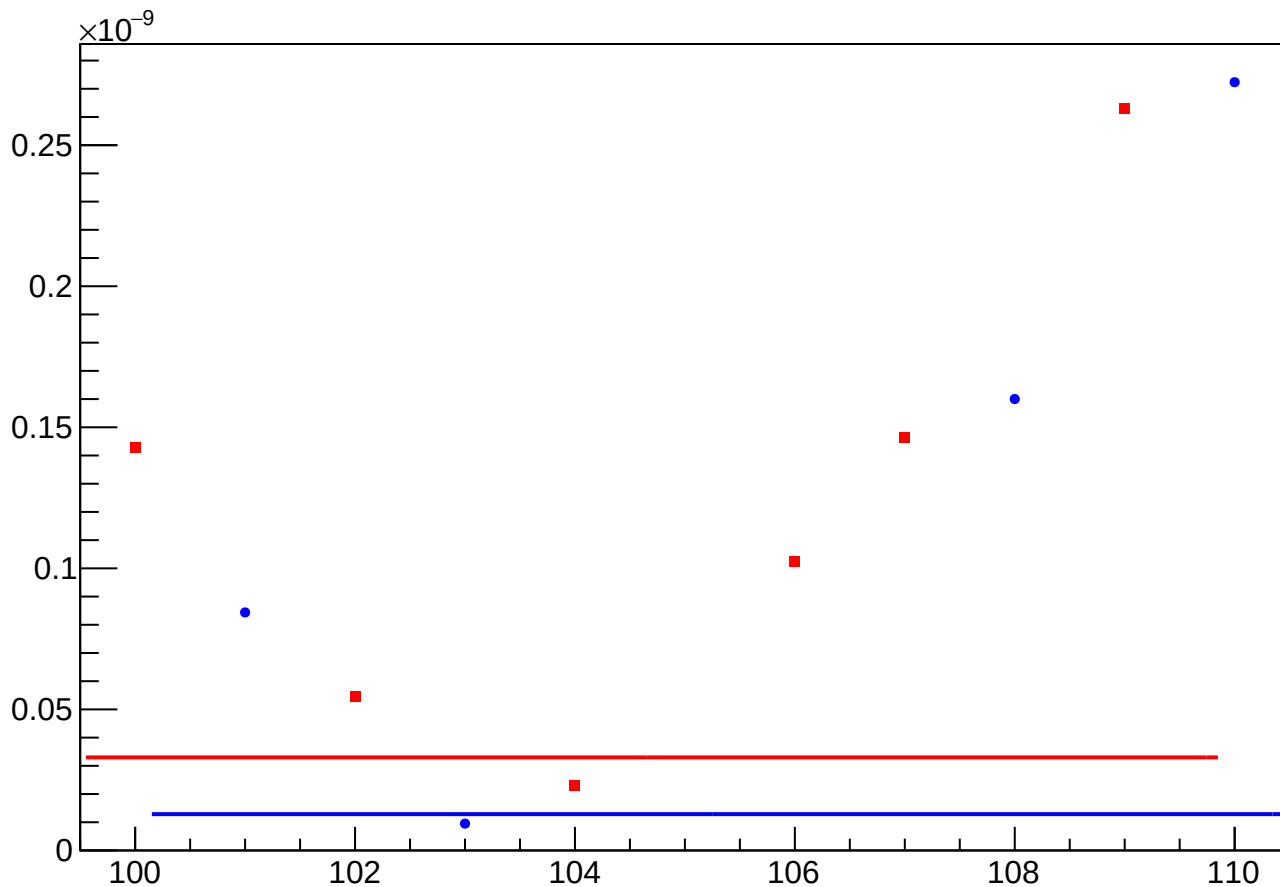
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.9/9

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.9/9

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1571823.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1220493.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

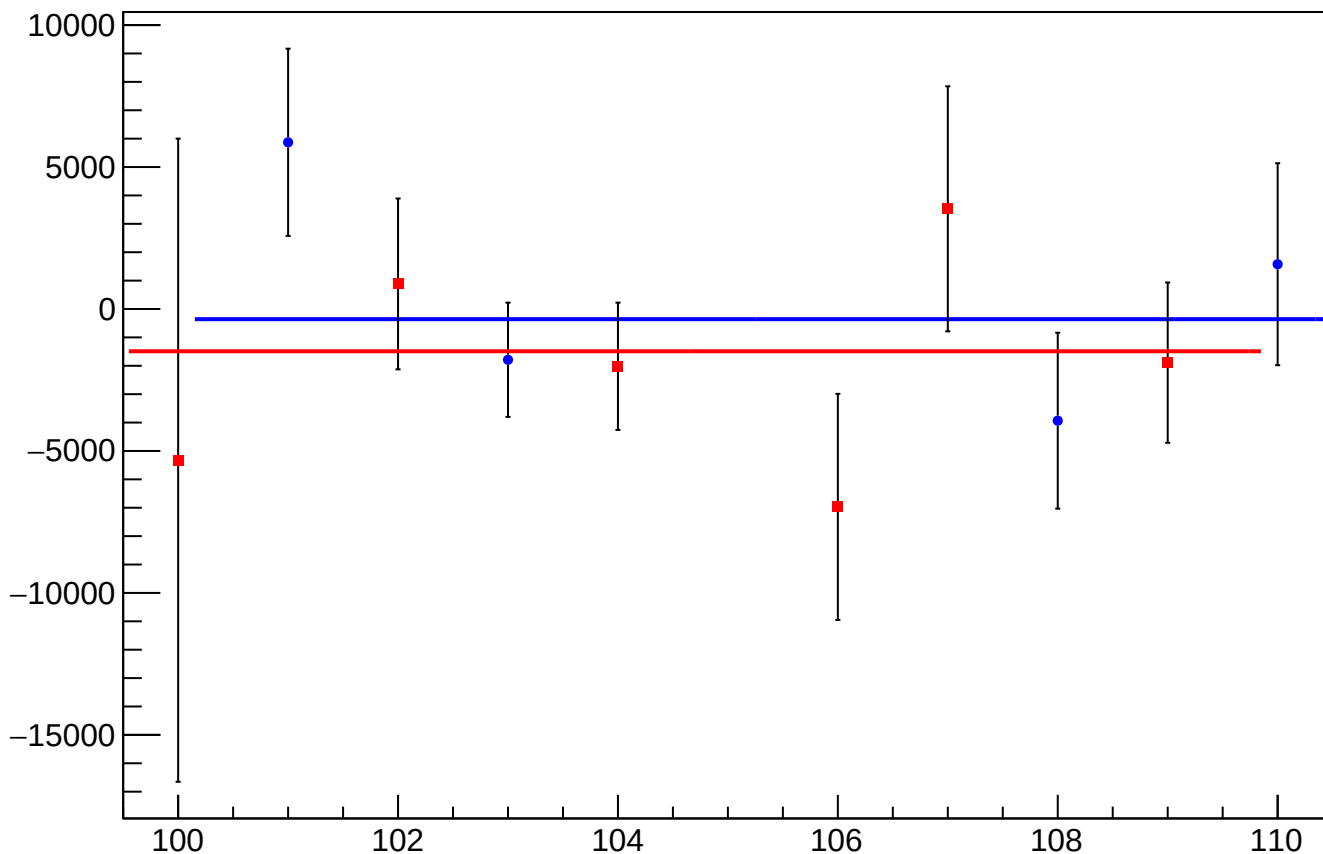
Right: 0.000+/-0.000 χ^2/NDF : 3242591.5/9

In: 0.000+/-0.000 χ^2/NDF : 1571823.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3242591.5/9

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -358.690+/-1383.742 χ^2/NDF : 5.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1488.588+/-1336.657 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

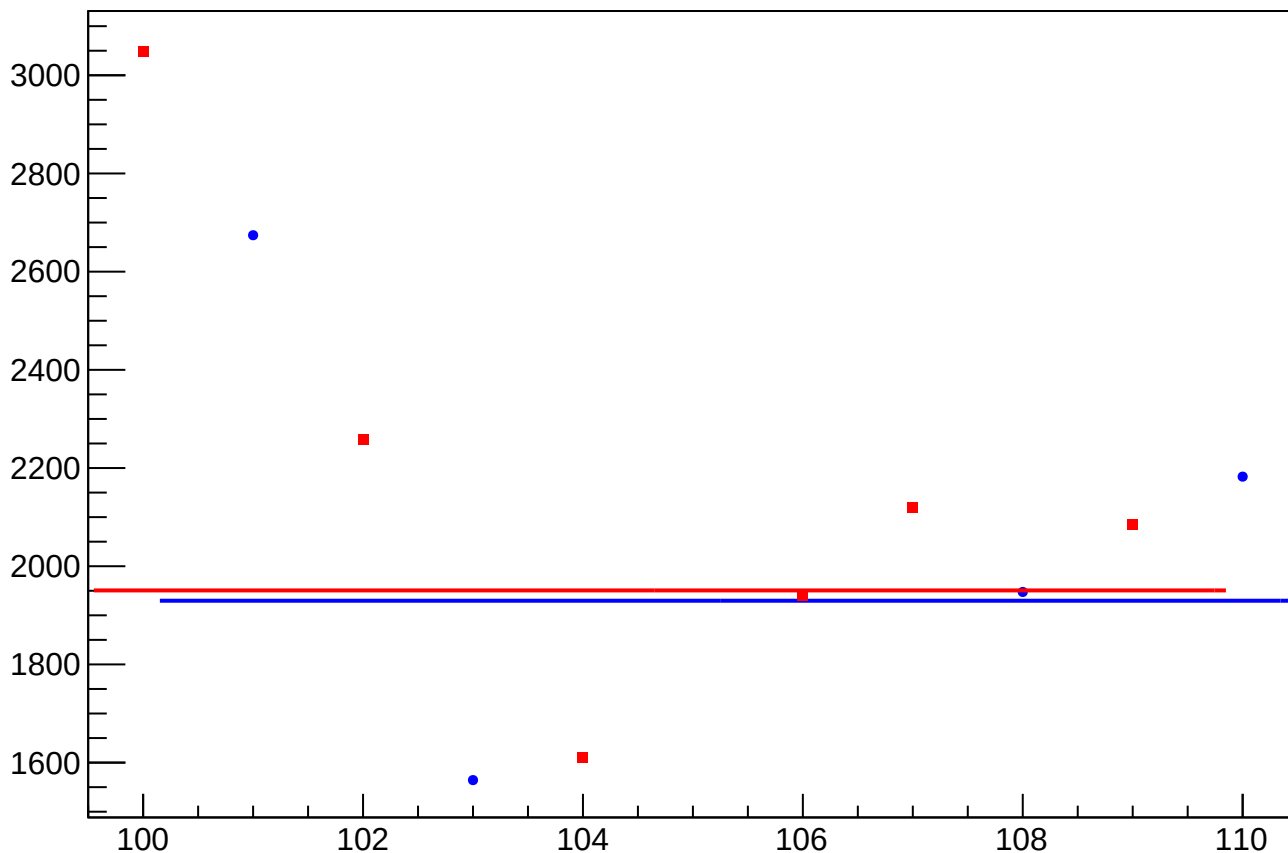
Right: -943.189+/-961.374 χ^2/NDF : 10.1/9

In: -358.690+/-1383.742 χ^2/NDF : 5.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -943.189+/-961.374 χ^2/NDF : 10.1/9

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1929.724+/-0.978 χ^2/NDF : 178054.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1950.715+/-0.937 χ^2/NDF : 93580.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

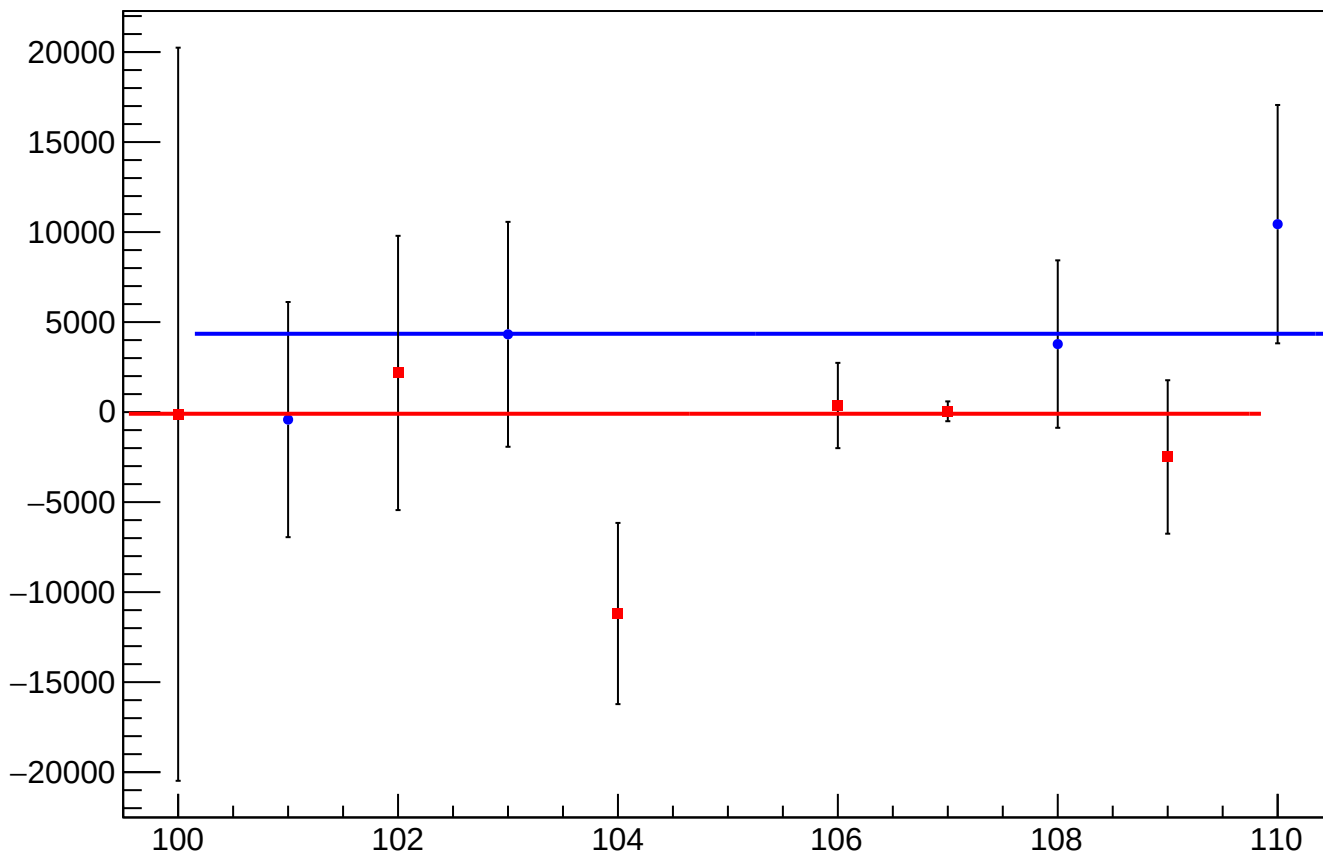
Right: 1940.669+/-0.677 χ^2/NDF : 271874.8/9

In: 1929.724+/-0.978 χ^2/NDF : 178054.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1940.669+/-0.677 χ^2/NDF : 271874.8/9

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 4351.160+/-2909.615 χ^2/NDF : 1.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.485+/-527.529 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

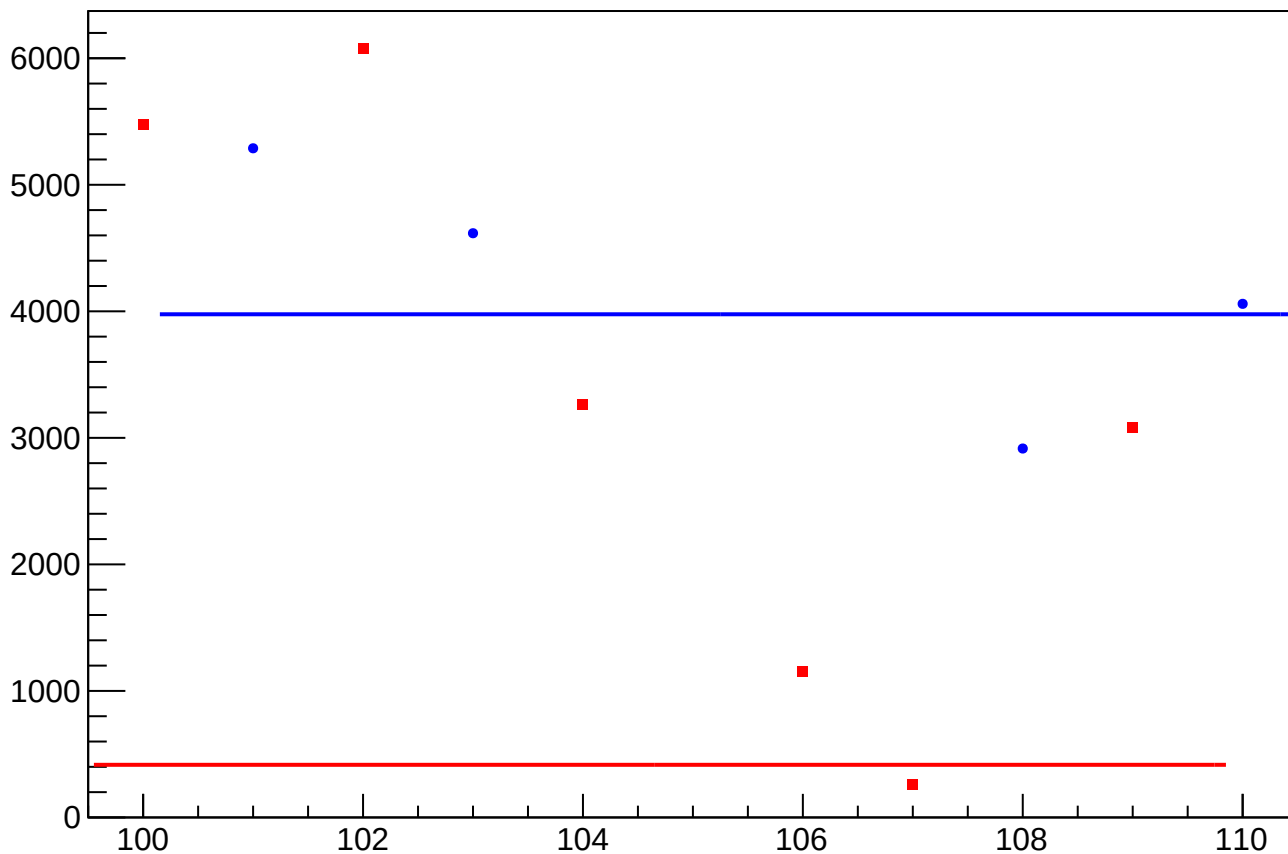
Right: 49.905+/-519.067 χ^2/NDF : 9.0/9

In: 4351.160+/-2909.615 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.905+/-519.067 χ^2/NDF : 9.0/9

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3976.606+/-2.057 χ^2/NDF : 206110.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 416.033+/-0.373 χ^2/NDF : 2997482.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

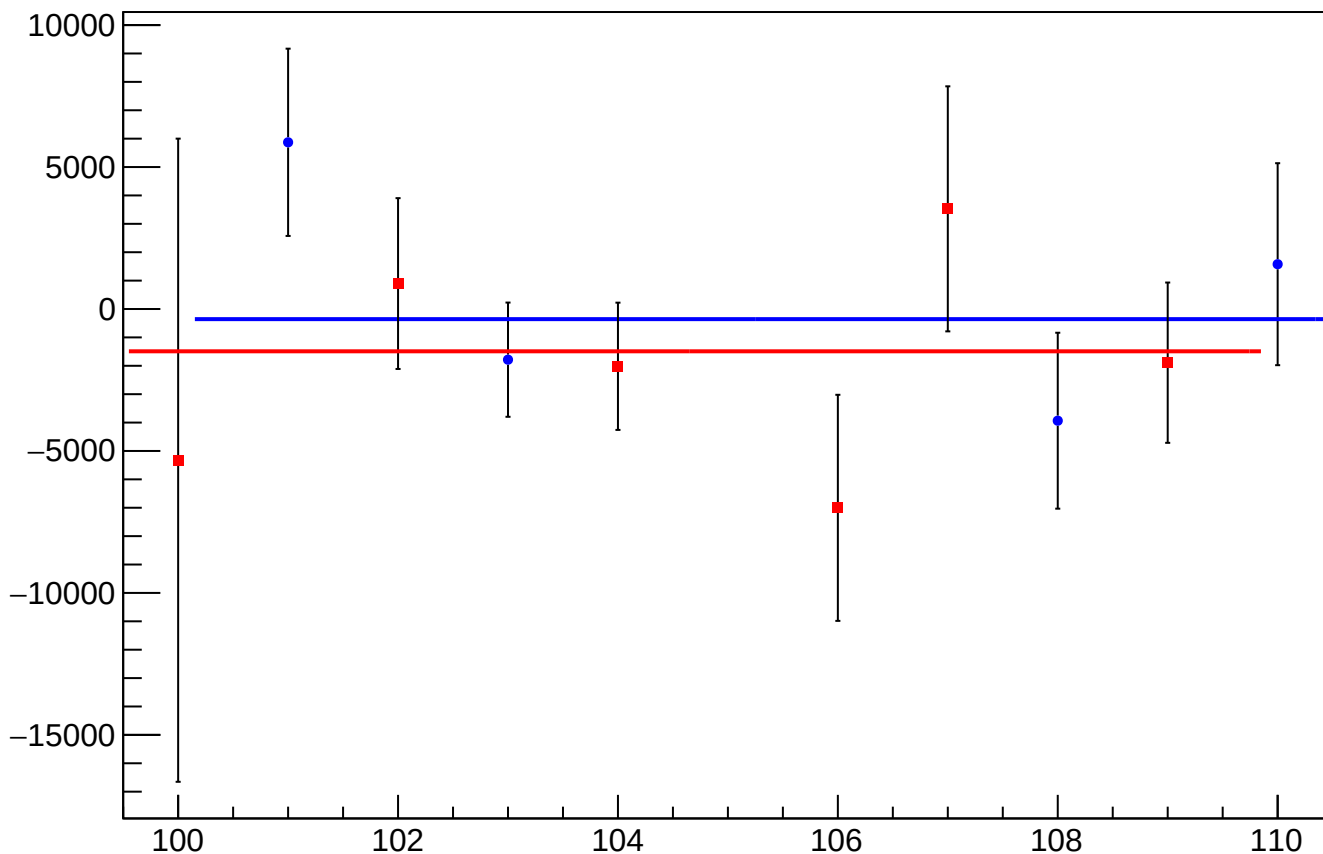
Right: 529.350+/-0.367 χ^2/NDF : 6103288.5/9

In: 3976.606+/-2.057 χ^2/NDF : 206110.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.350+/-0.367 χ^2/NDF : 6103288.5/9

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -356.807+/-1383.743 χ^2/NDF : 5.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1489.944+/-1336.669 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

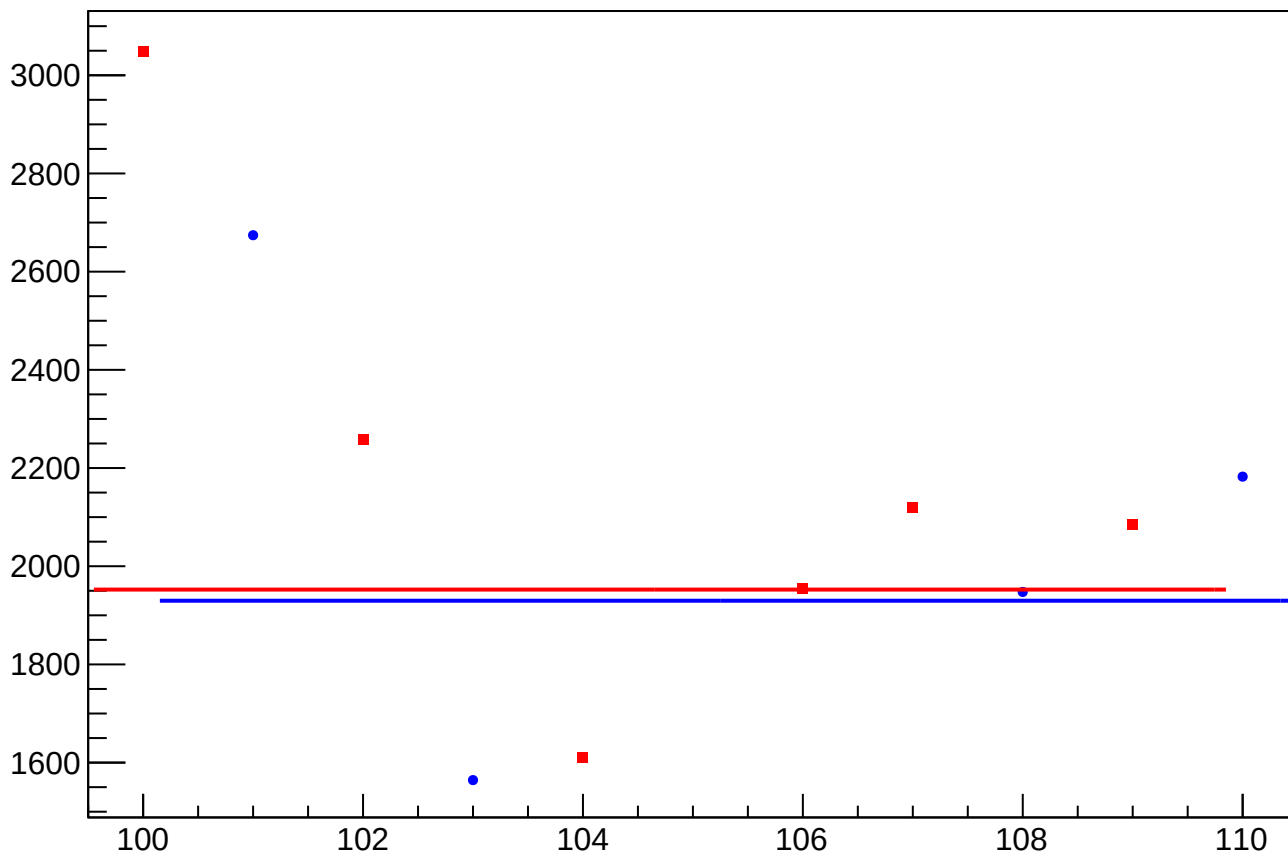
Right: -942.977+/-961.379 χ^2/NDF : 10.1/9

In: -356.807+/-1383.743 χ^2/NDF :5.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -942.977+/-961.379 χ^2/NDF : 10.1/9

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1929.726+/-0.978 χ^2/NDF : 178053.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1952.438+/-0.938 χ^2/NDF : 93564.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

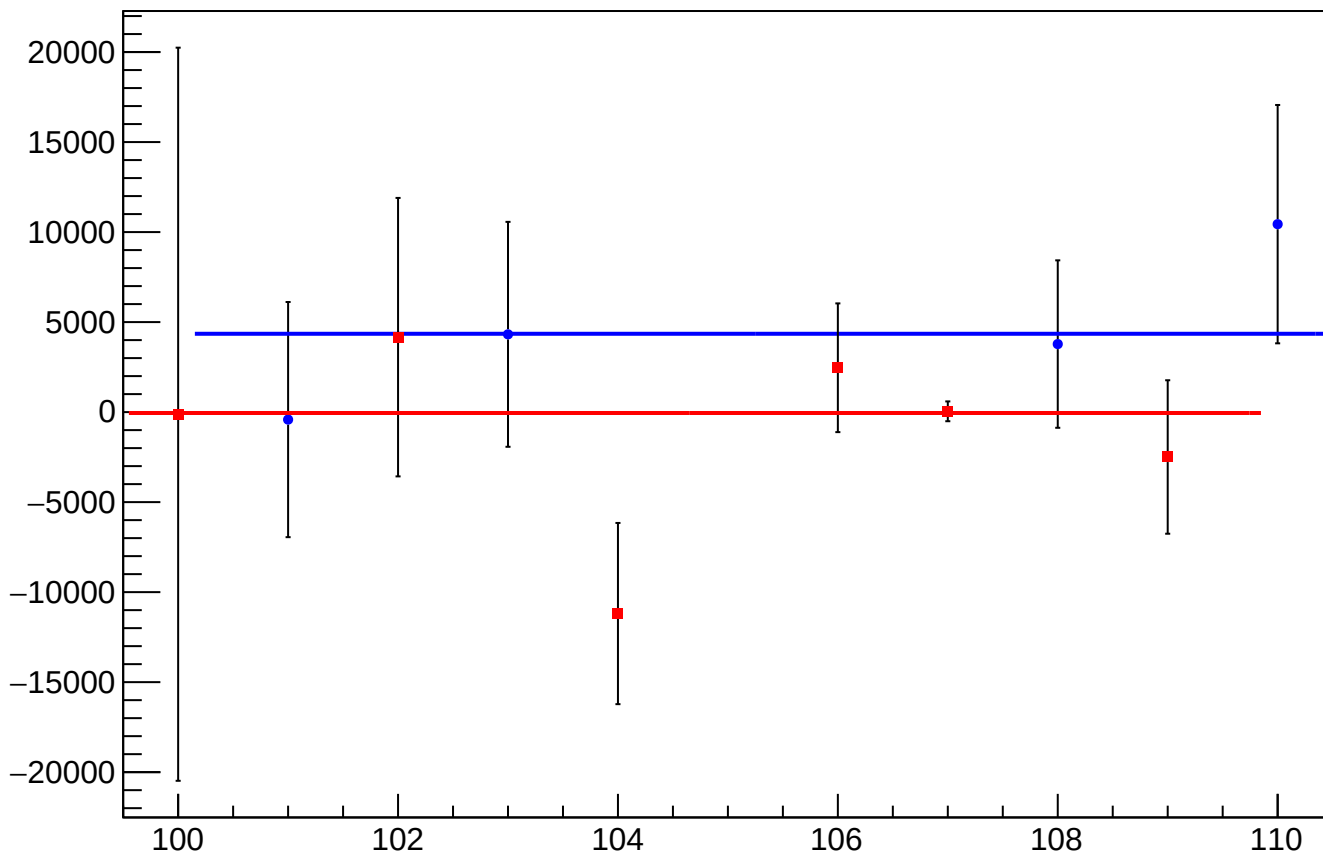
Right: 1941.560+/-0.677 χ^2/NDF : 271898.6/9

In: 1929.726+/-0.978 χ^2/NDF : 178053.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.560+/-0.677 χ^2/NDF : 271898.6/9

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 4351.292+/-2909.659 χ^2/NDF : 1.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -49.066+/-535.032 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

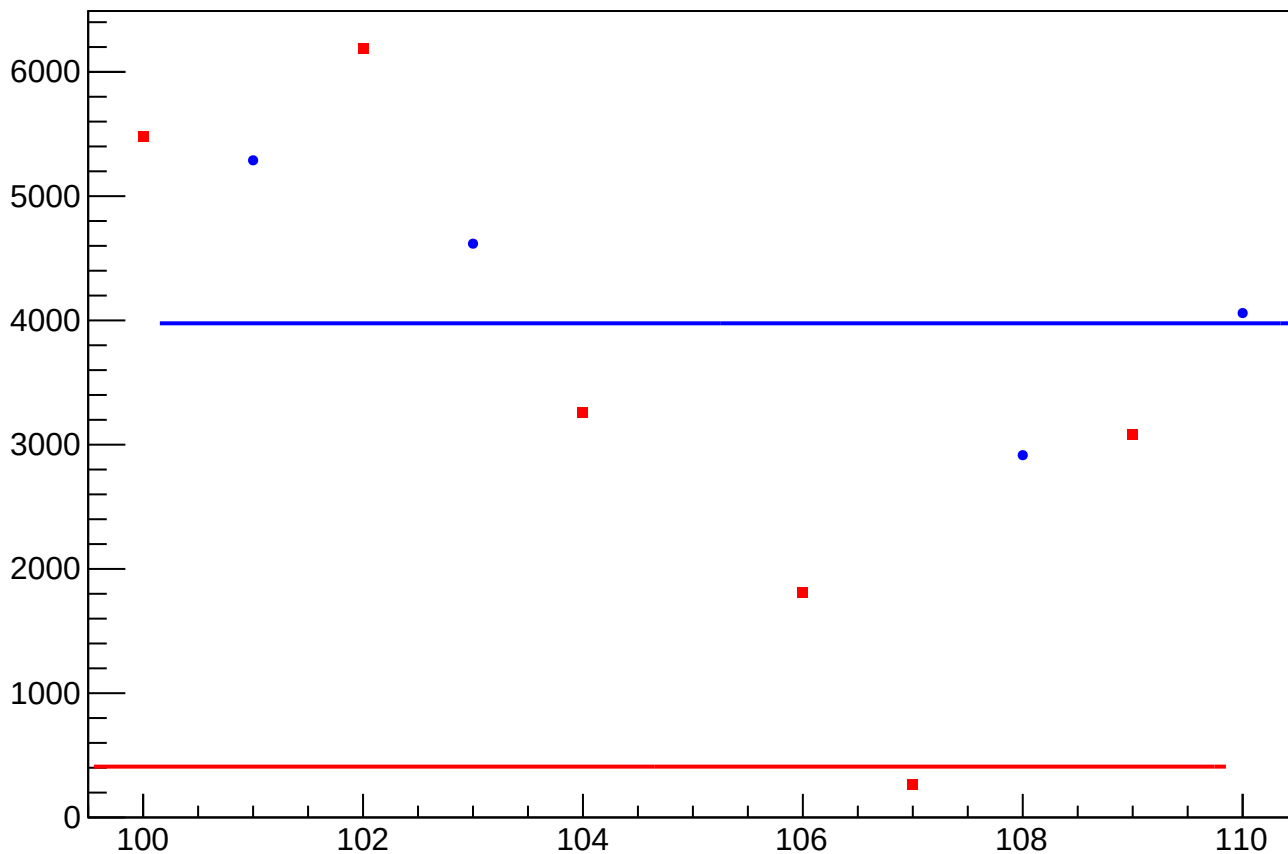
Right: 94.854+/-526.210 χ^2/NDF : 9.7/9

In: 4351.292+/-2909.659 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.854+/-526.210 χ^2/NDF : 9.7/9

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3976.645+/-2.057 χ^2/NDF : 206131.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 409.110+/-0.378 χ^2/NDF : 3114560.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

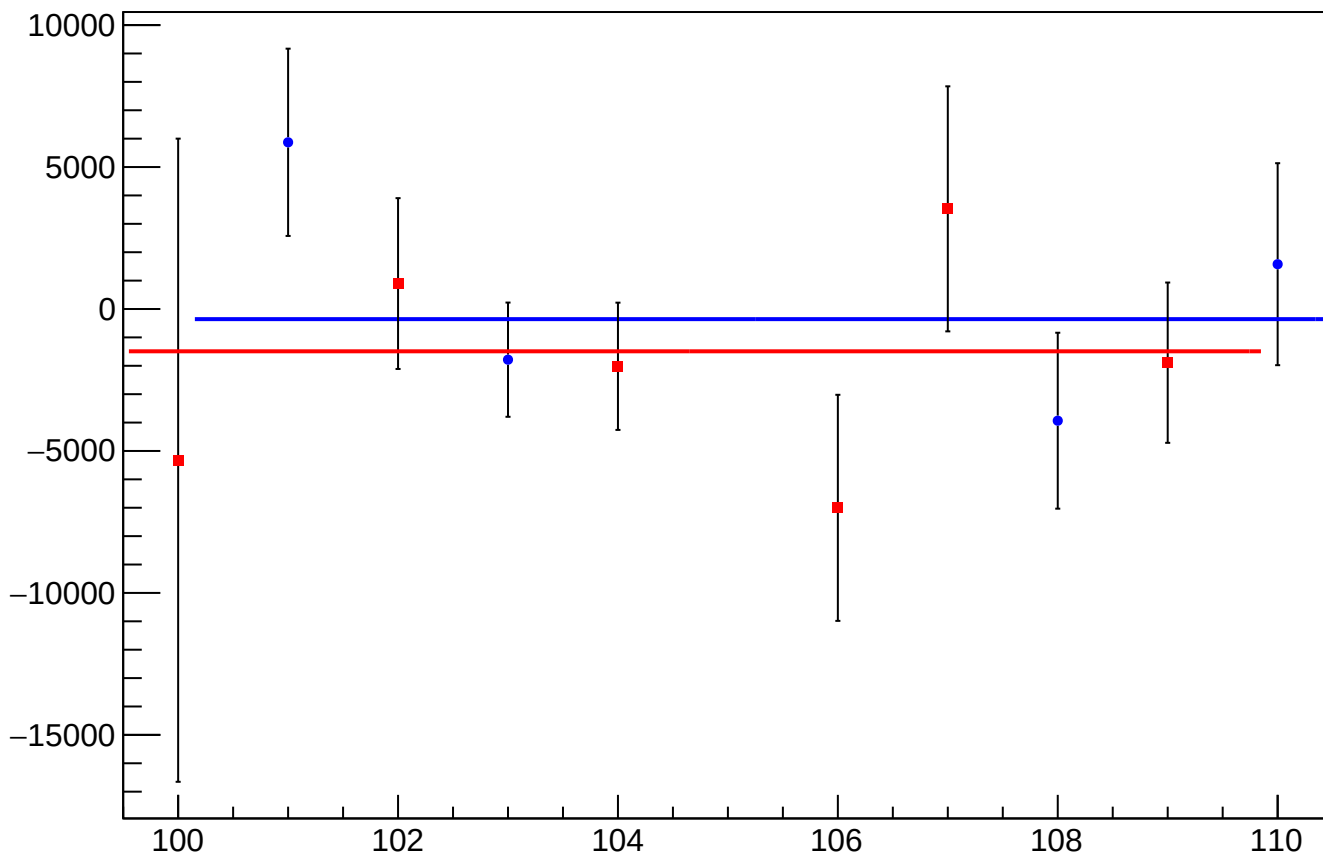
Right: 525.792+/-0.372 χ^2/NDF : 6229000.7/9

In: 3976.645+/-2.057 χ^2/NDF : 206131.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.792+/-0.372 χ^2/NDF : 6229000.7/9

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -356.807+/-1383.743 χ^2/NDF : 5.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1489.944+/-1336.669 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

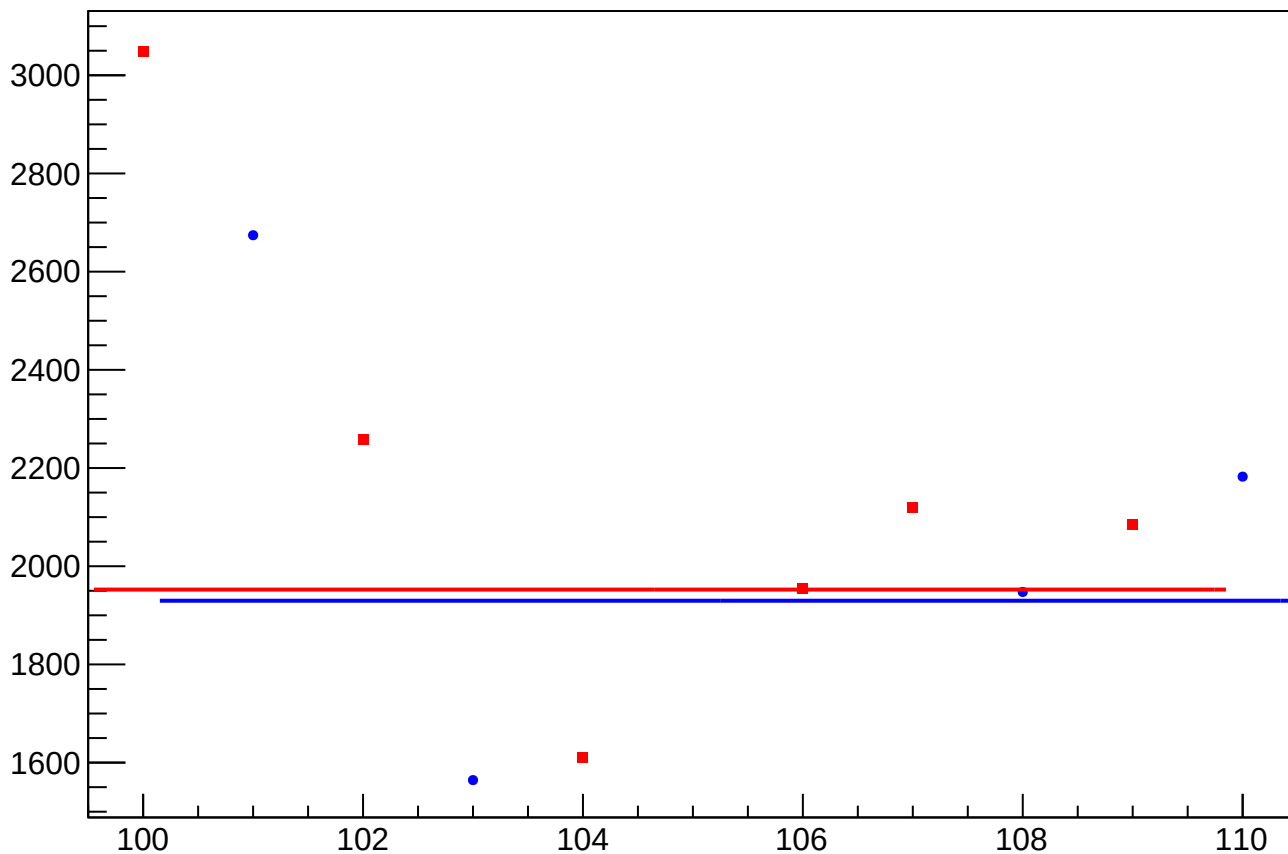
Right: -942.977+/-961.379 χ^2/NDF : 10.1/9

In: -356.807+/-1383.743 χ^2/NDF : 5.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -942.977+/-961.379 χ^2/NDF : 10.1/9

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1929.726+/-0.978 χ^2/NDF : 178053.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1952.438+/-0.938 χ^2/NDF : 93564.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

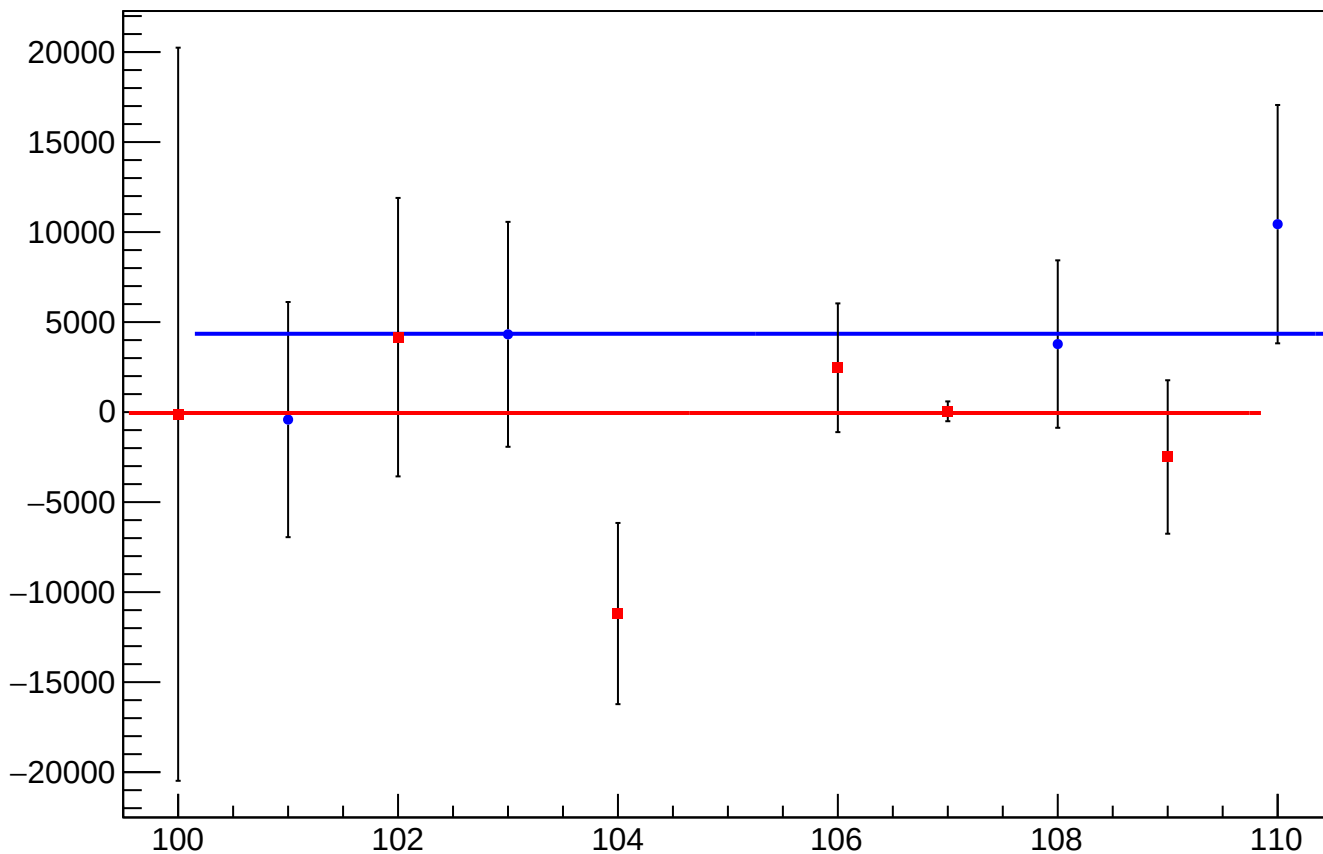
Right: 1941.560+/-0.677 χ^2/NDF : 271898.6/9

In: 1929.726+/-0.978 χ^2/NDF : 178053.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.560+/-0.677 χ^2/NDF : 271898.6/9

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 4351.292+/-2909.659 χ^2/NDF : 1.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -49.066+/-535.032 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

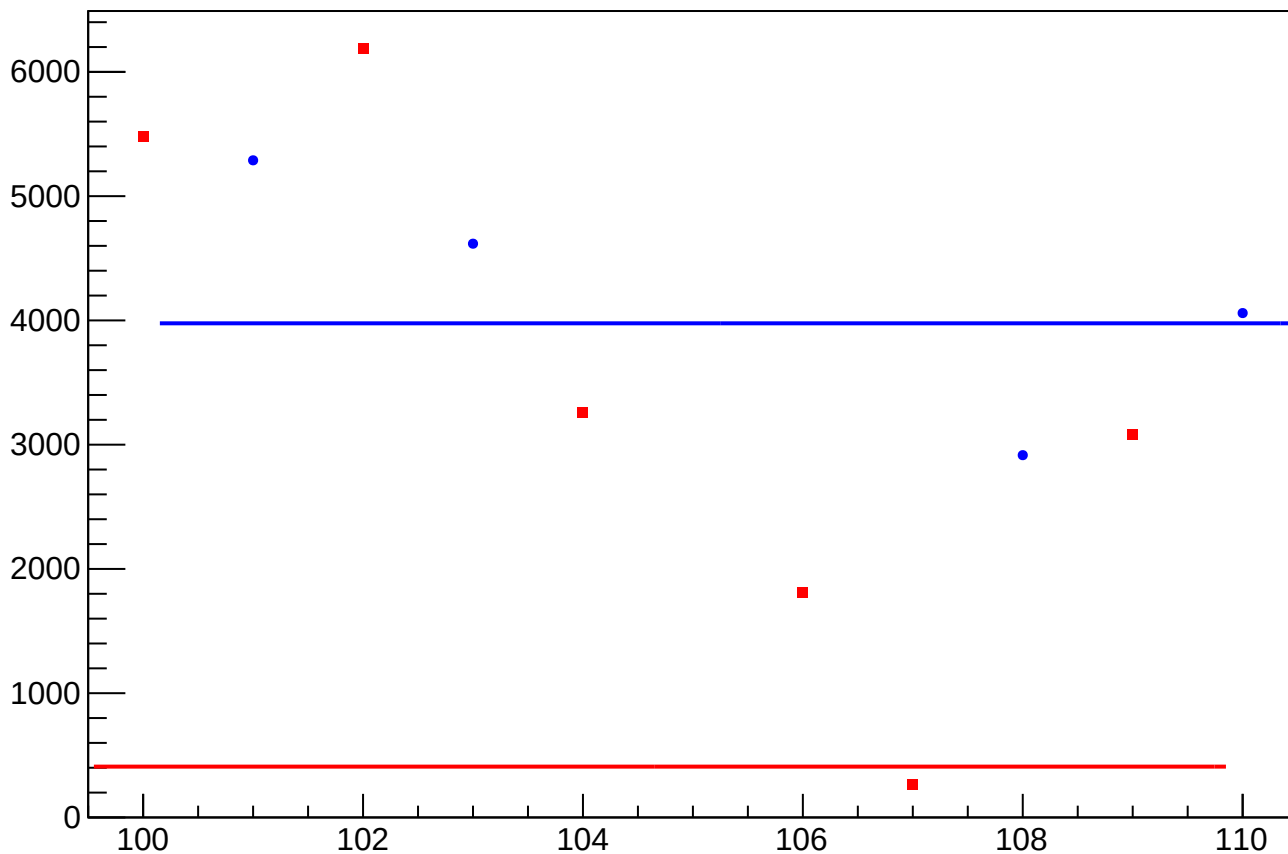
Right: 94.854+/-526.210 χ^2/NDF : 9.7/9

In: 4351.292+/-2909.659 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.854+/-526.210 χ^2/NDF : 9.7/9

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3976.645+/-2.057 χ^2/NDF : 206131.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 409.110+/-0.378 χ^2/NDF : 3114560.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

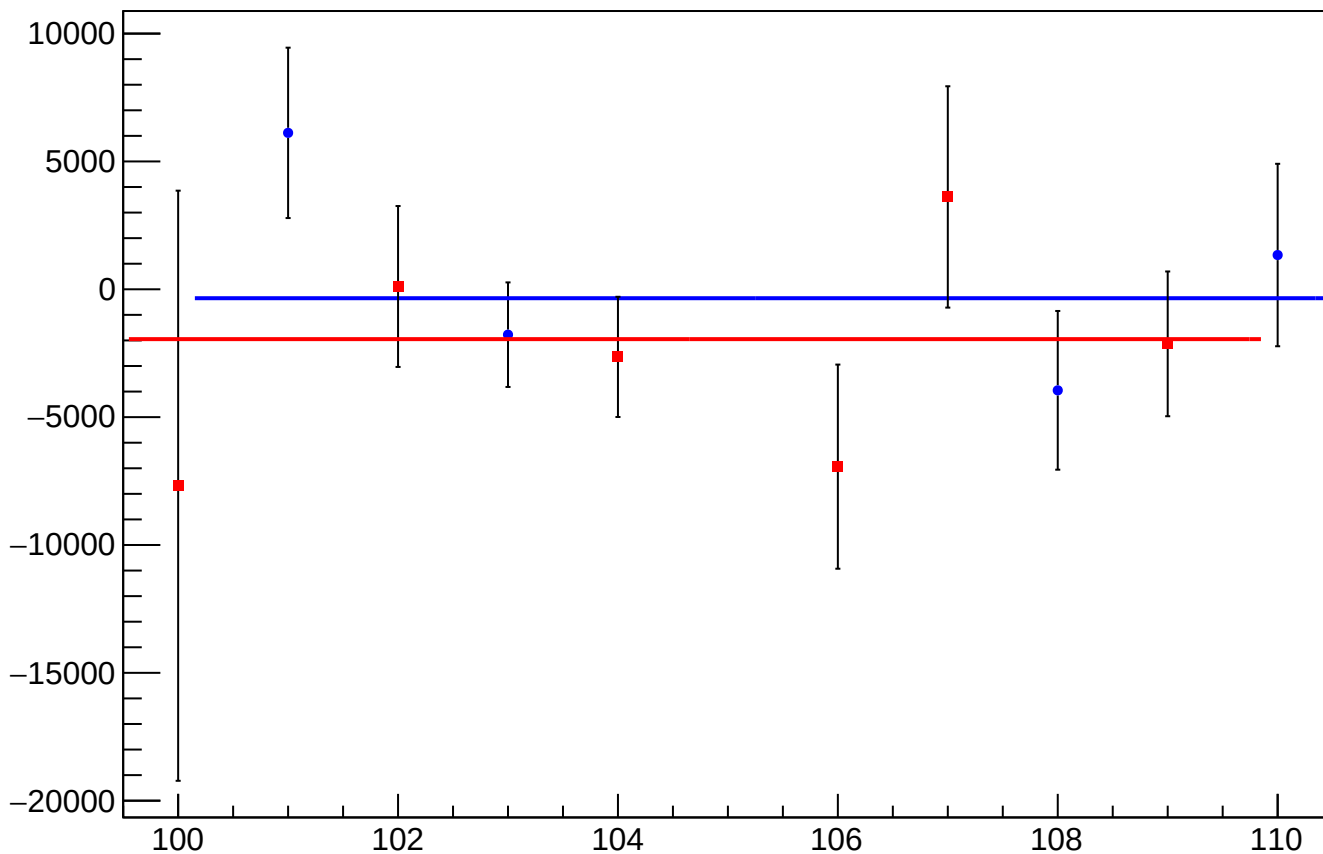
Right: 525.792+/-0.372 χ^2/NDF : 6229000.7/9

In: 3976.645+/-2.057 χ^2/NDF : 206131.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.792+/-0.372 χ^2/NDF : 6229000.7/9

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -348.818+/-1397.952 χ^2/NDF : 5.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1949.063+/-1373.117 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

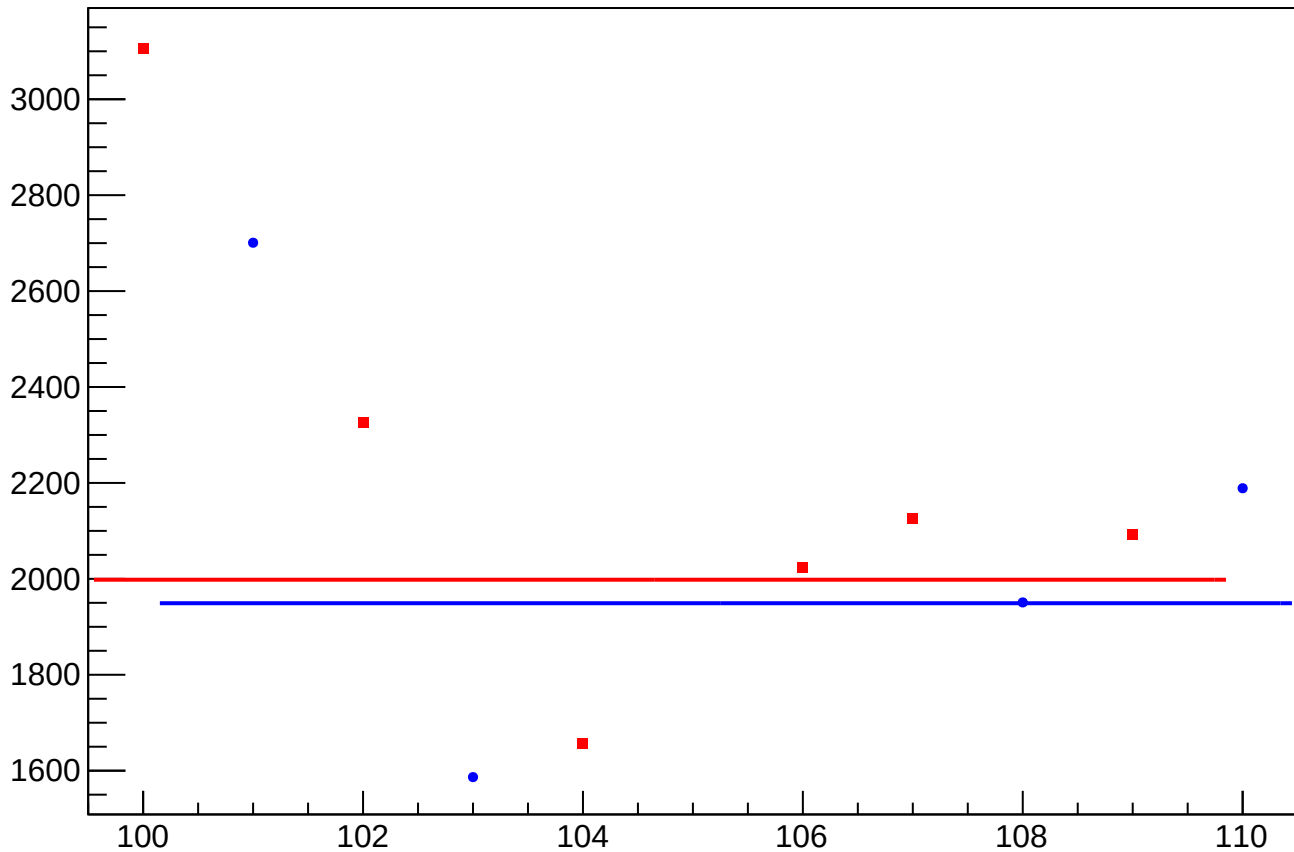
Right: -1163.281+/-979.603 χ^2/NDF : 10.5/9

In: -348.818+/-1397.952 χ^2/NDF : 5.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1163.281+/-979.603 χ^2/NDF : 10.5/9

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1949.179+/-0.989 χ^2/NDF : 173727.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1998.173+/-0.968 χ^2/NDF : 86236.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

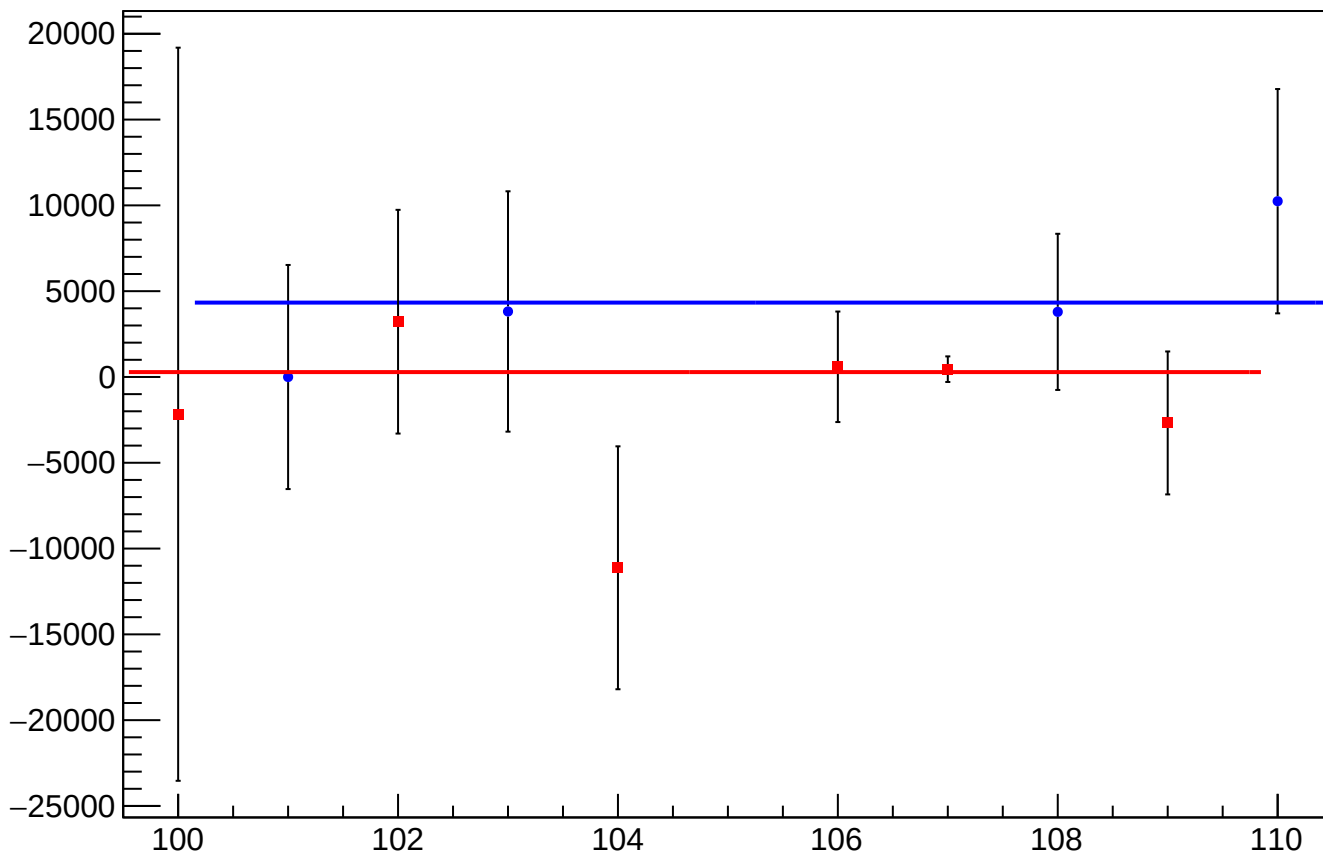
Right: 1974.193+/-0.692 χ^2/NDF : 261218.2/9

In: 1949.179+/-0.989 χ^2/NDF : 173727.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1974.193+/-0.692 χ^2/NDF : 261218.2/9

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 4334.108+/-2941.887 χ^2/NDF : 1.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.361+/-707.452 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

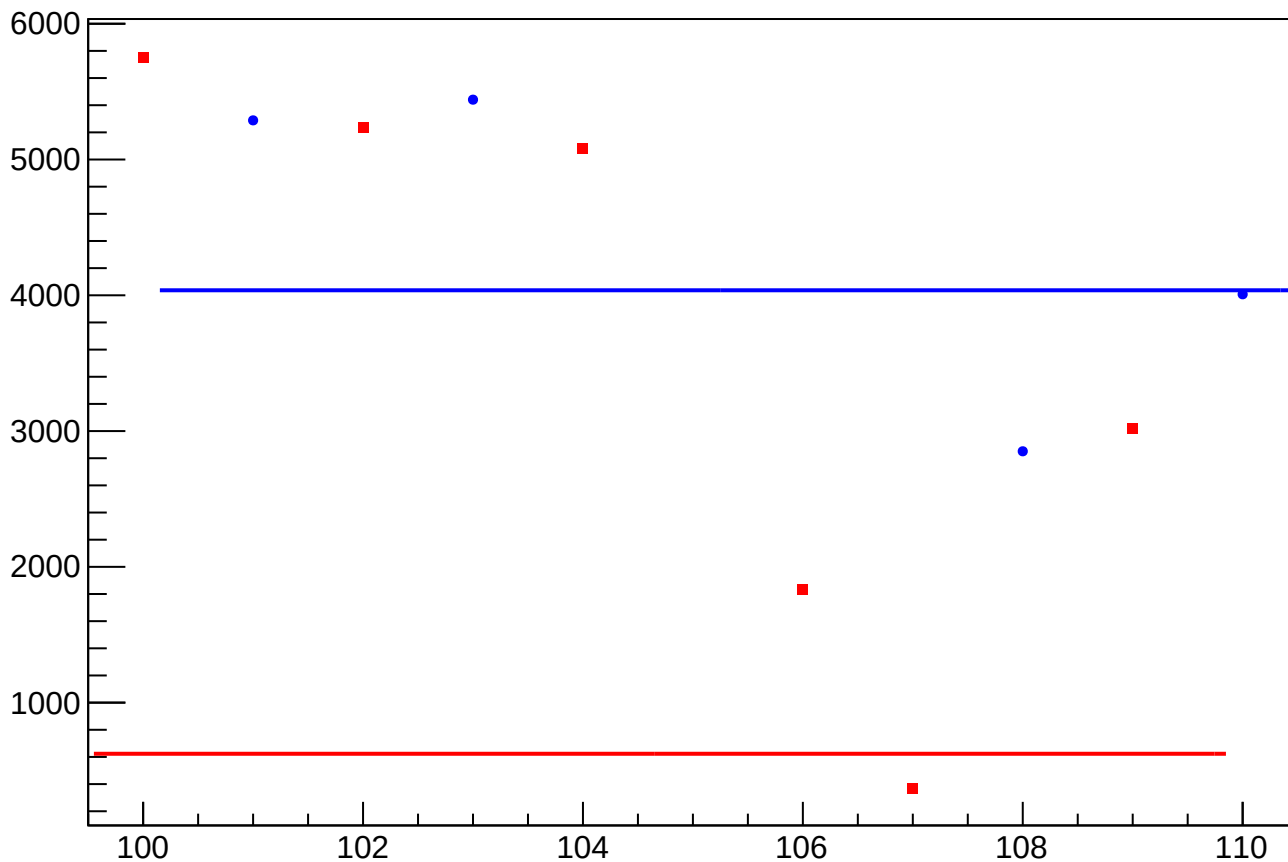
Right: 505.749+/-687.843 χ^2/NDF : 6.4/9

In: 4334.108+/-2941.887 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.749+/-687.843 χ^2/NDF : 6.4/9

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 4036.952+/-2.080 χ^2/NDF : 289689.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.355+/-0.500 χ^2/NDF : 3089118.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

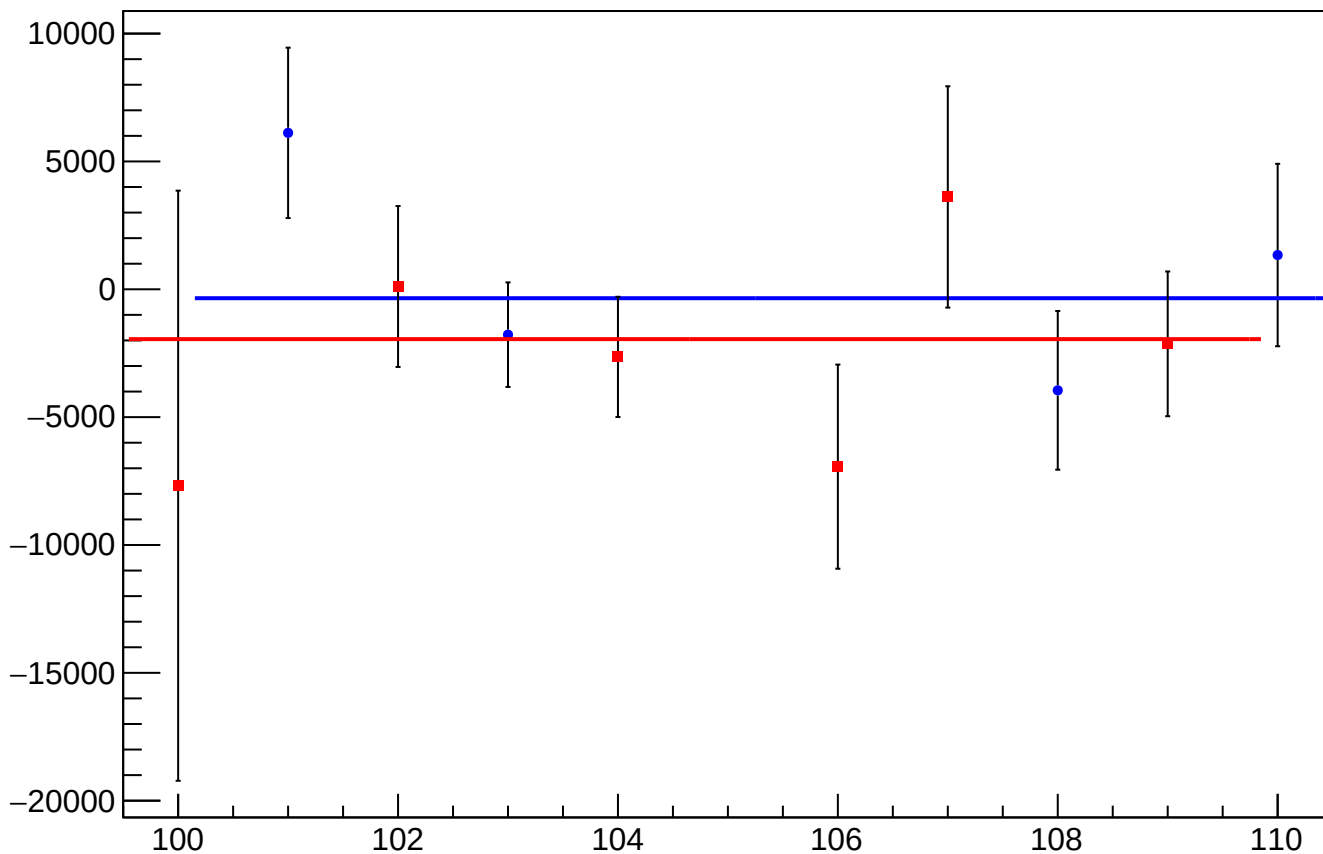
Right: 809.967+/-0.486 χ^2/NDF : 5924392.2/9

In: 4036.952+/-2.080 χ^2/NDF : 289689.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 809.967+/-0.486 χ^2/NDF : 5924392.2/9

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -348.816+/-1397.952 χ^2/NDF : 5.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1949.068+/-1373.117 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

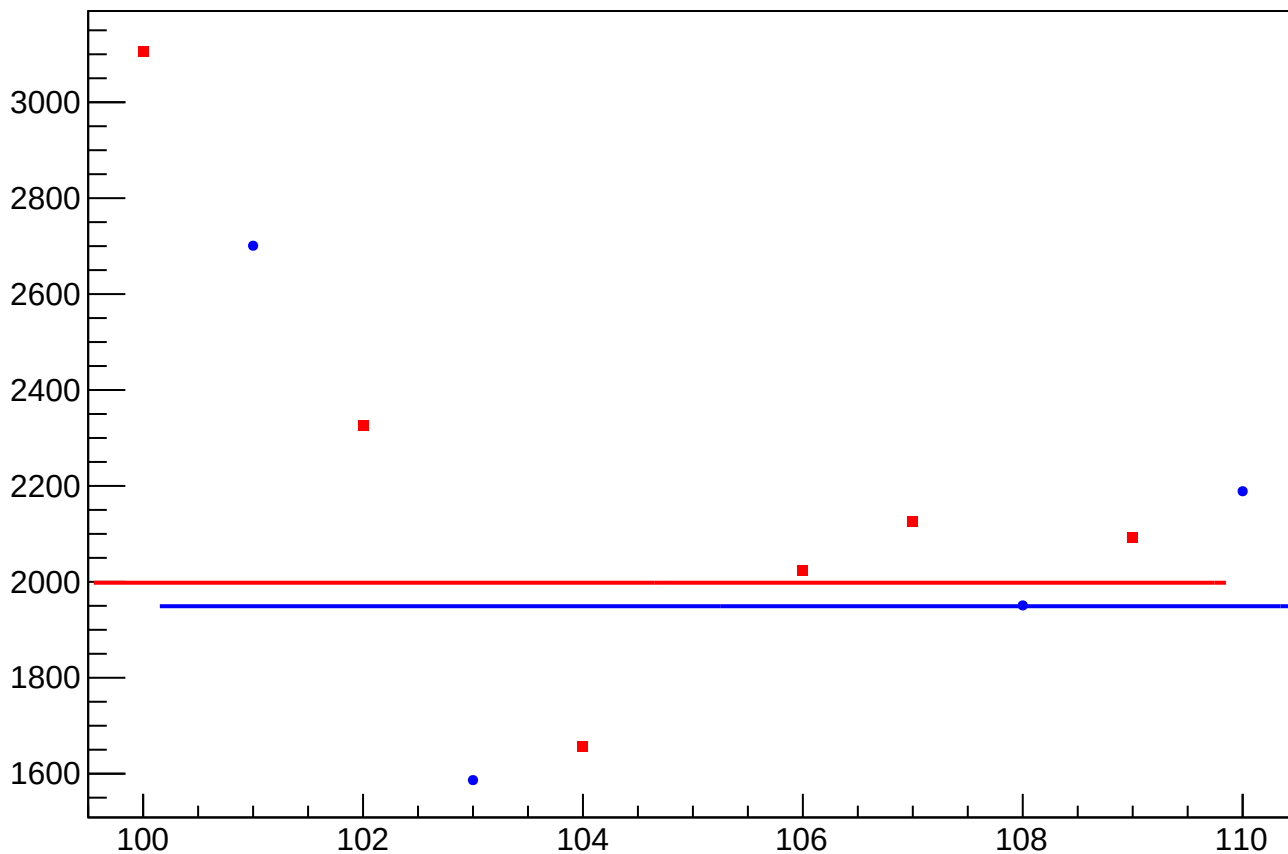
Right: -1163.283+/-979.603 χ^2/NDF : 10.5/9

In: -348.816+/-1397.952 χ^2/NDF : 5.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1163.283+/-979.603 χ^2/NDF : 10.5/9

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1949.180+/-0.989 χ^2/NDF : 173727.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1998.174+/-0.968 χ^2/NDF : 86236.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

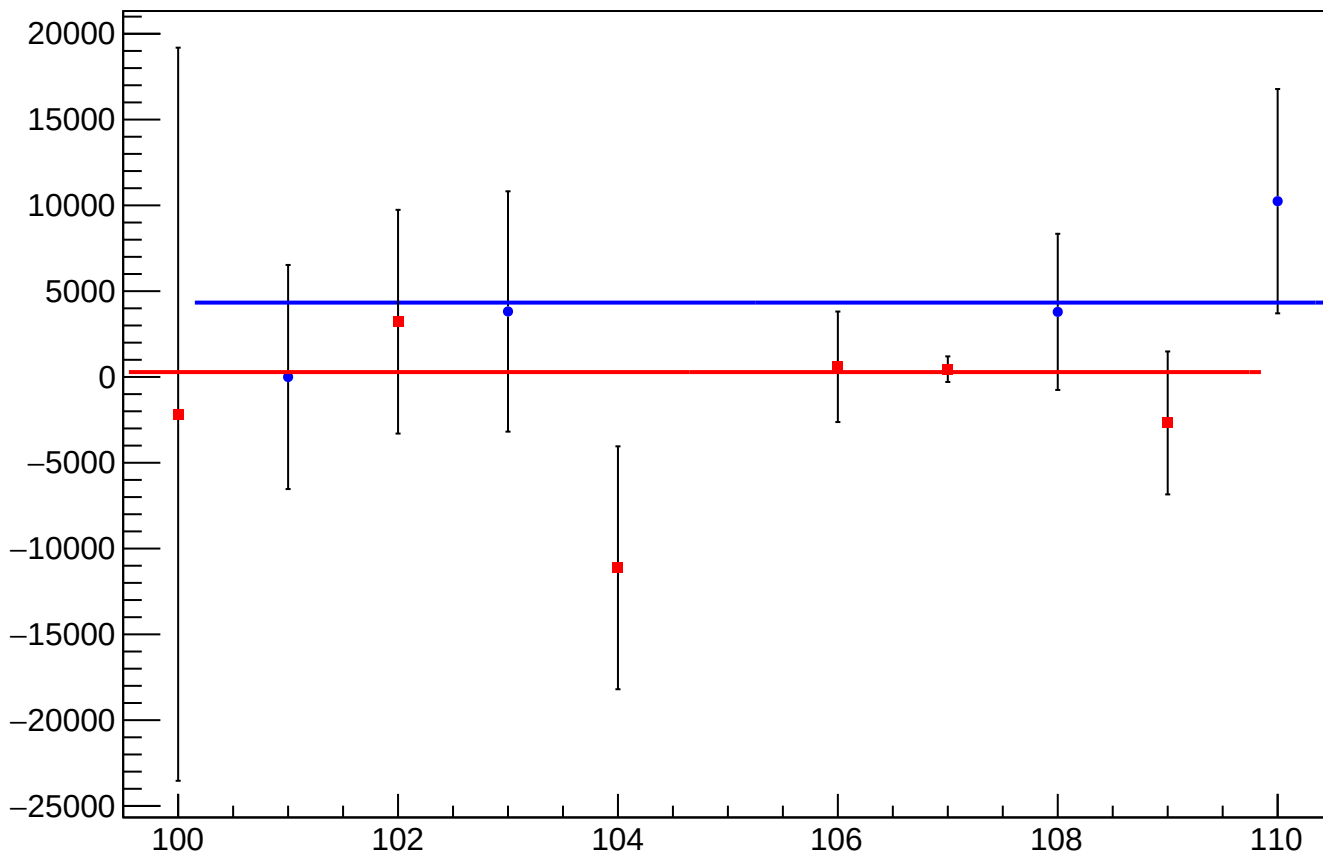
Right: 1974.194+/-0.692 χ^2/NDF : 261218.0/9

In: 1949.180+/-0.989 χ^2/NDF : 173727.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1974.194+/-0.692 χ^2/NDF : 261218.0/9

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 4334.115+/-2941.887 χ^2/NDF : 1.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.361+/-707.466 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

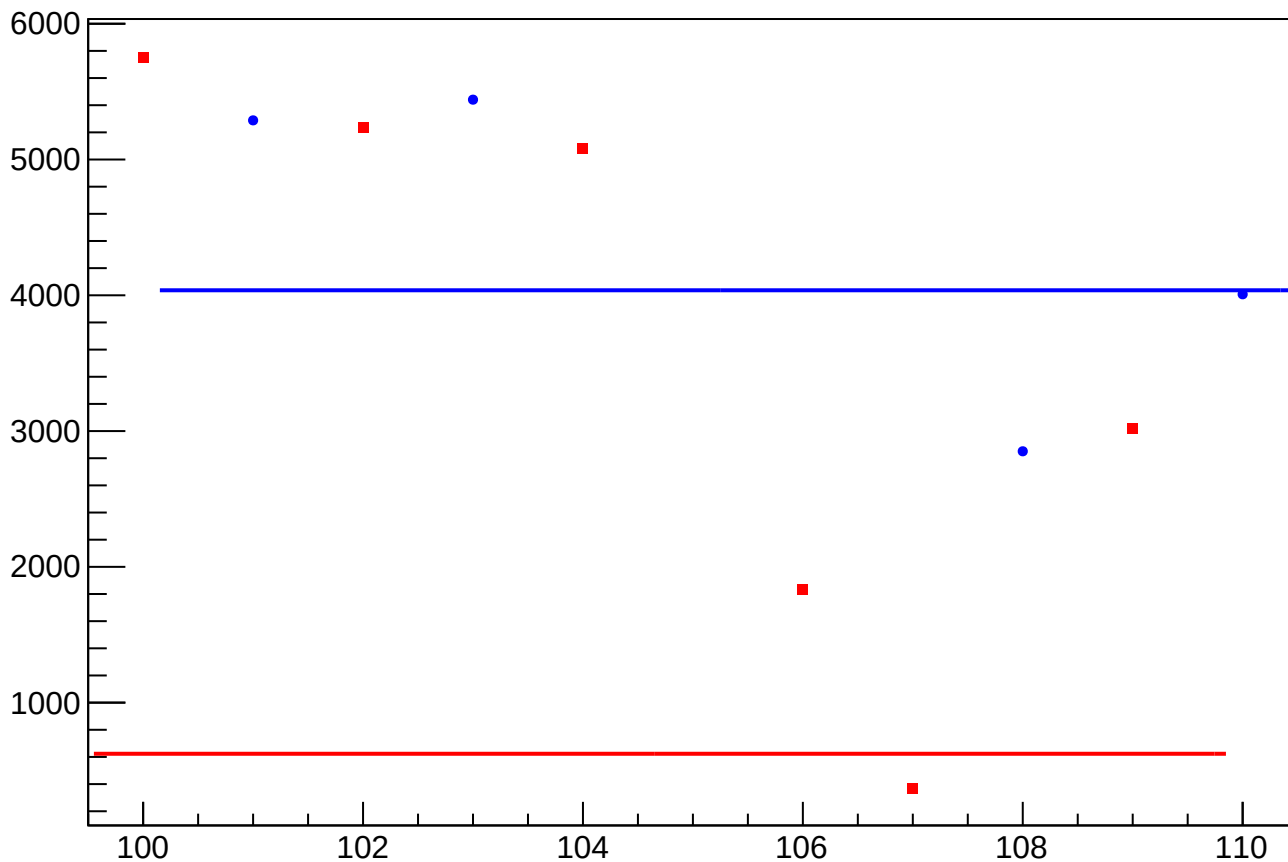
Right: 505.758+/-687.856 χ^2/NDF : 6.4/9

In: 4334.115+/-2941.887 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.758+/-687.856 χ^2/NDF : 6.4/9

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4036.954+/-2.080 χ^2/NDF : 289687.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.372+/-0.500 χ^2/NDF : 3089093.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

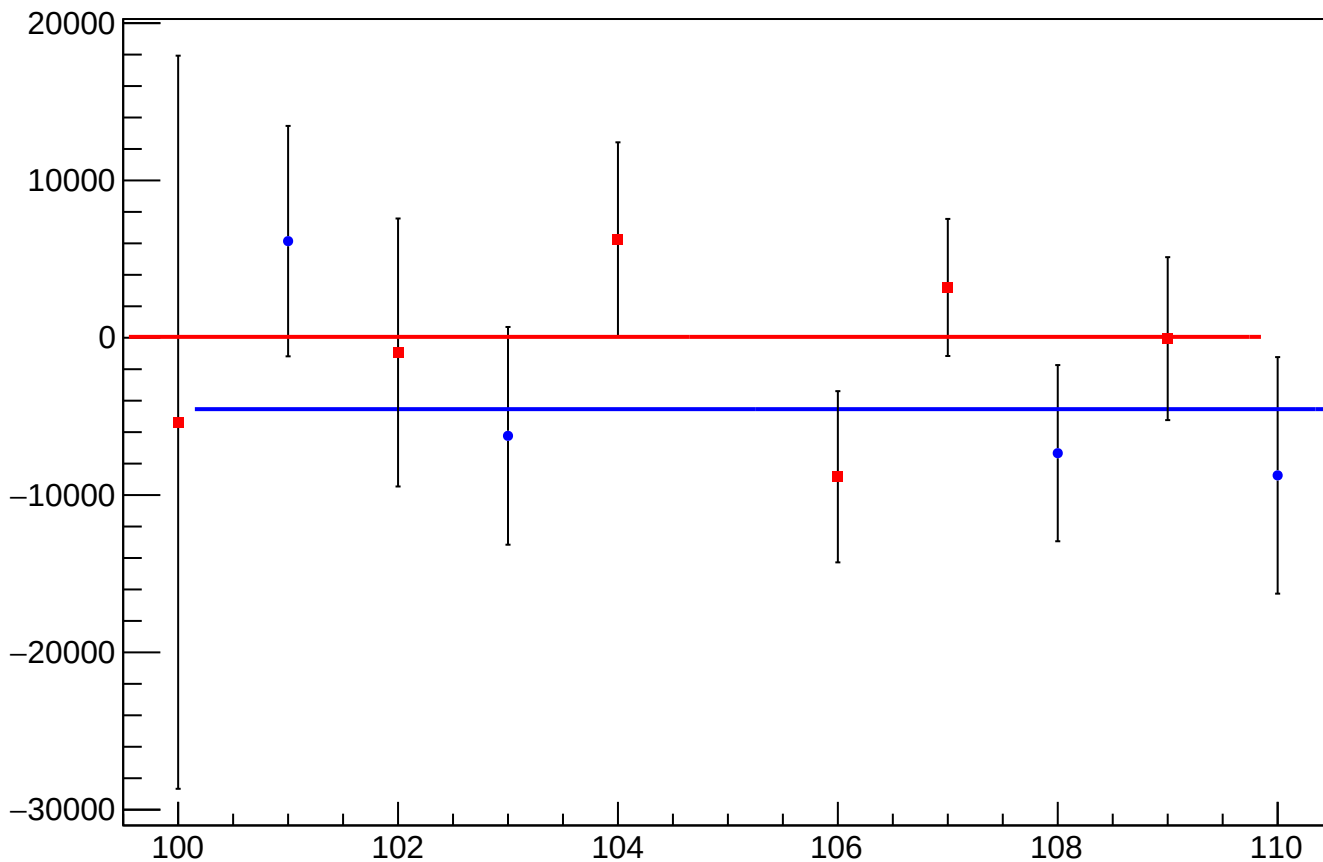
Right: 809.990+/-0.486 χ^2/NDF : 5924335.1/9

In: 4036.954+/-2.080 χ^2/NDF : 289687.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 809.990+/-0.486 χ^2/NDF : 5924335.1/9

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -4538.257+/-3350.114 χ^2/NDF : 2.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 56.086+/-2457.387 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

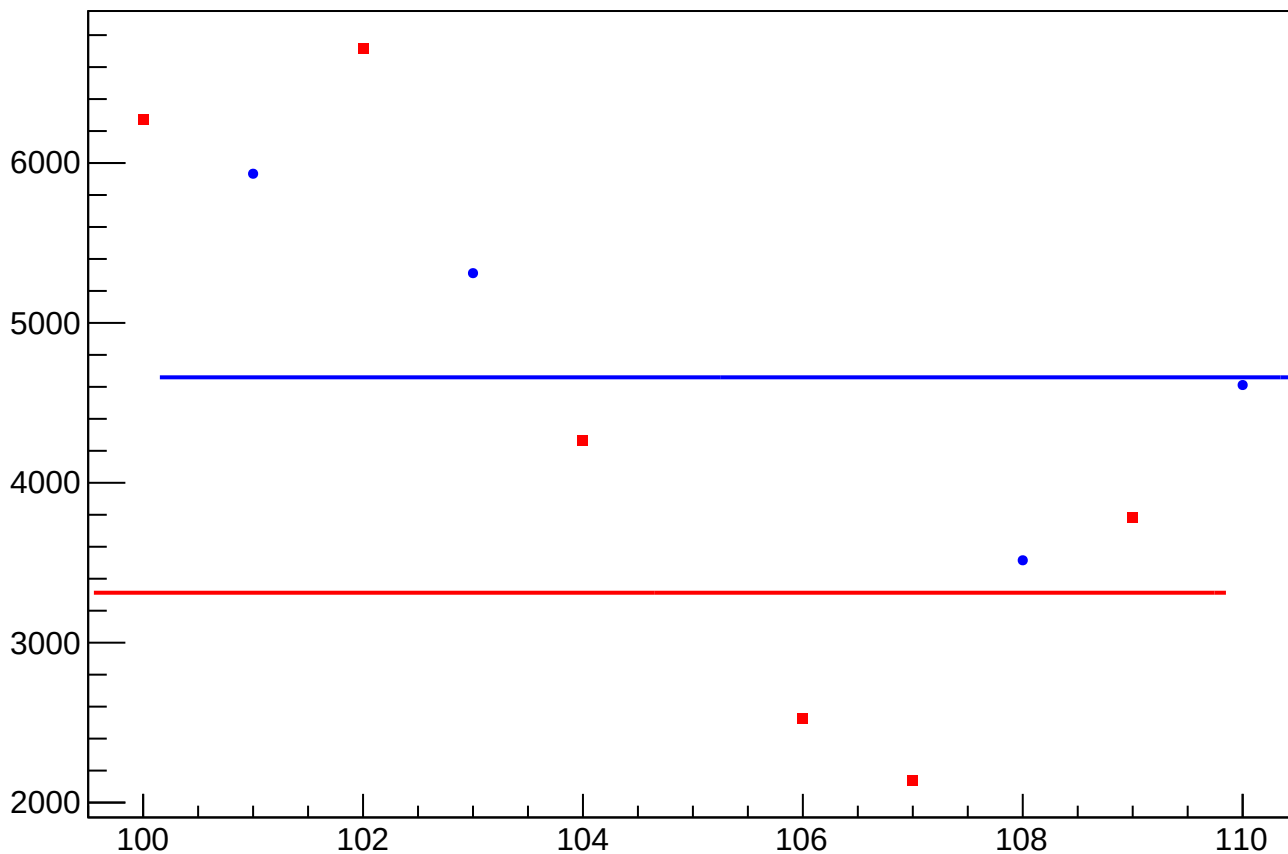
Right: -1551.148+/-1981.470 χ^2/NDF : 8.2/9

In: -4538.257+/-3350.114 χ^2/NDF :2.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1551.148+/-1981.470 χ^2/NDF : 8.2/9

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4659.685+/-2.369 χ^2/NDF : 161788.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3312.412+/-1.695 χ^2/NDF : 612651.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

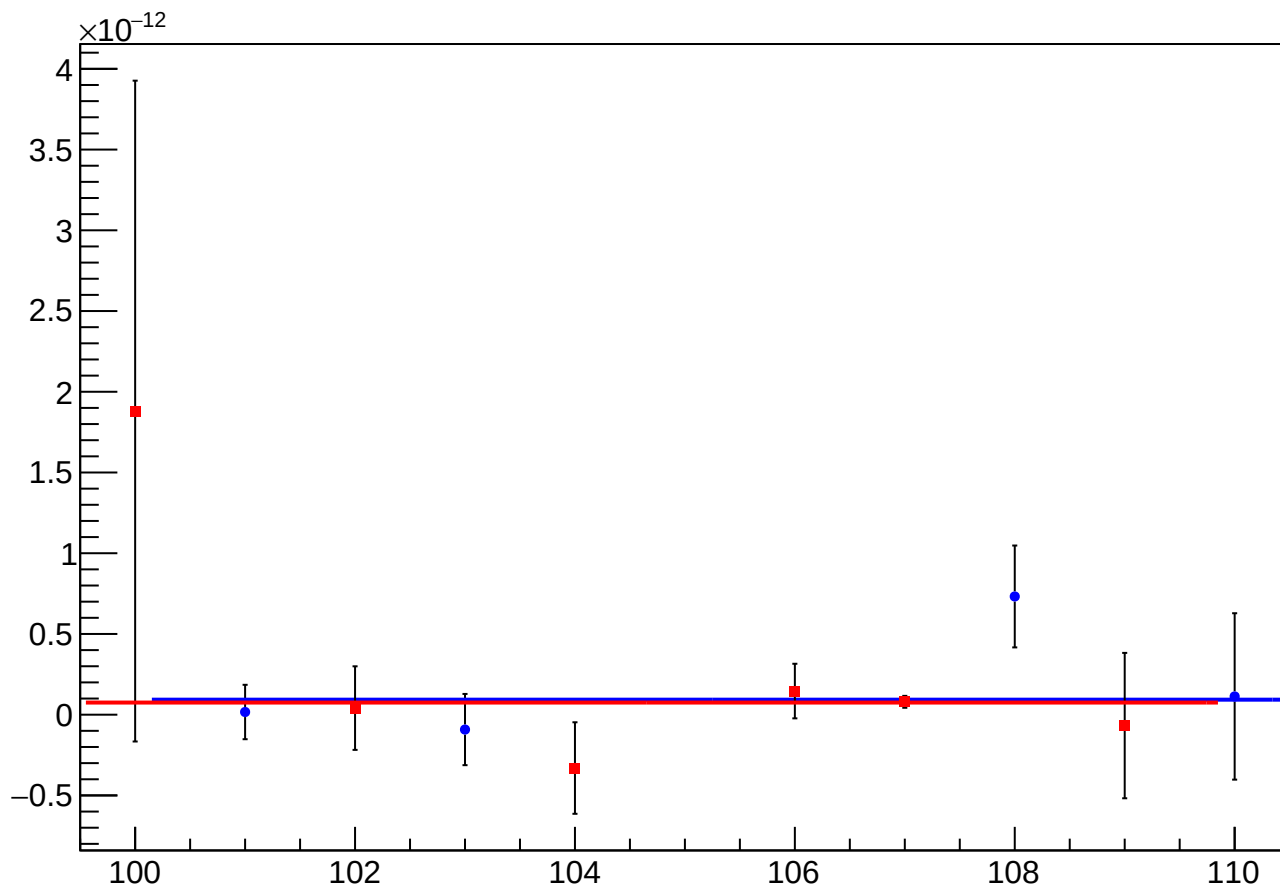
Right: 3768.658+/-1.379 χ^2/NDF : 988362.9/9

In: 4659.685+/-2.369 χ^2/NDF : 161788.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3768.658+/-1.379 χ^2/NDF : 988362.9/9

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

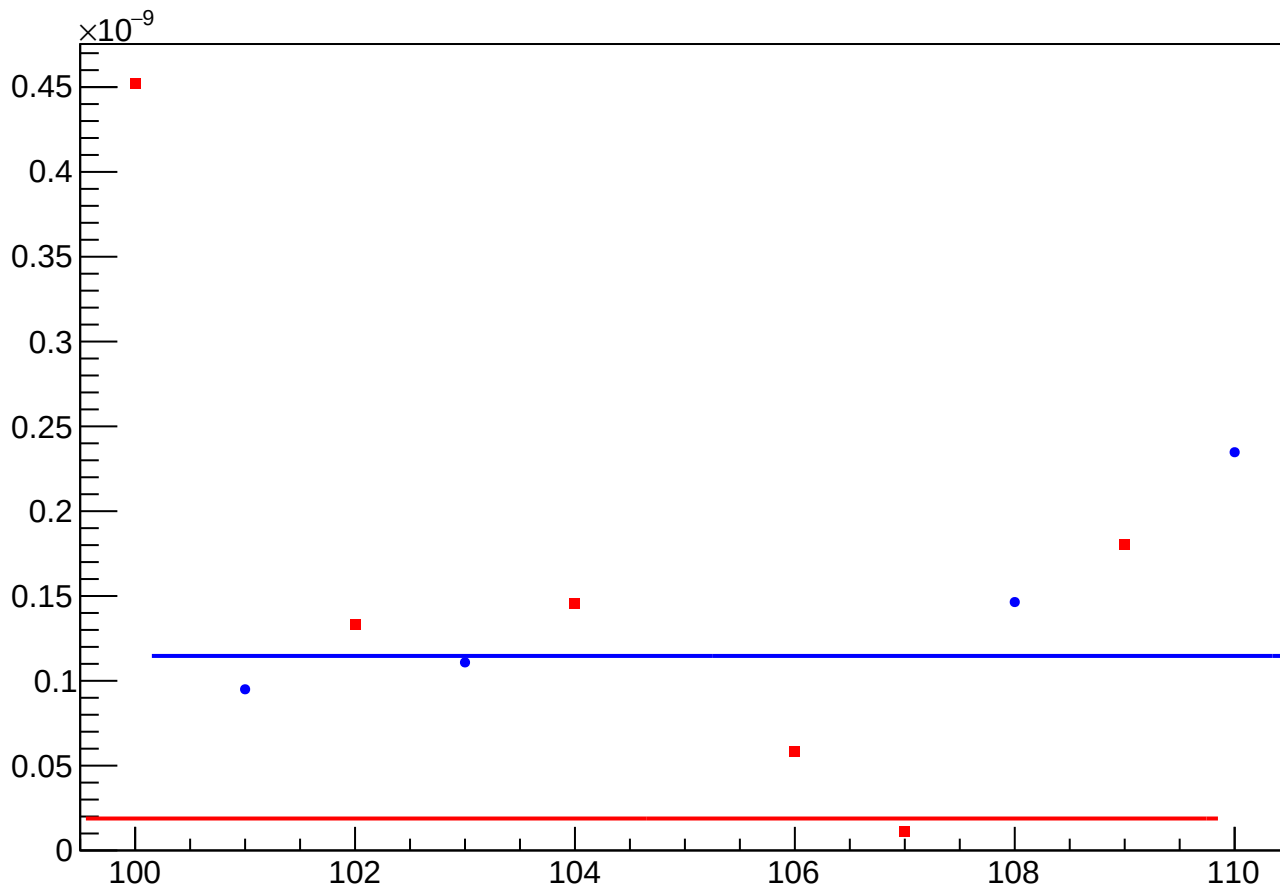
Right: 0.000+/-0.000 χ^2/NDF : 8.2/9

In: 0.000+/-0.000 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.2/9

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 156743.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1328652.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

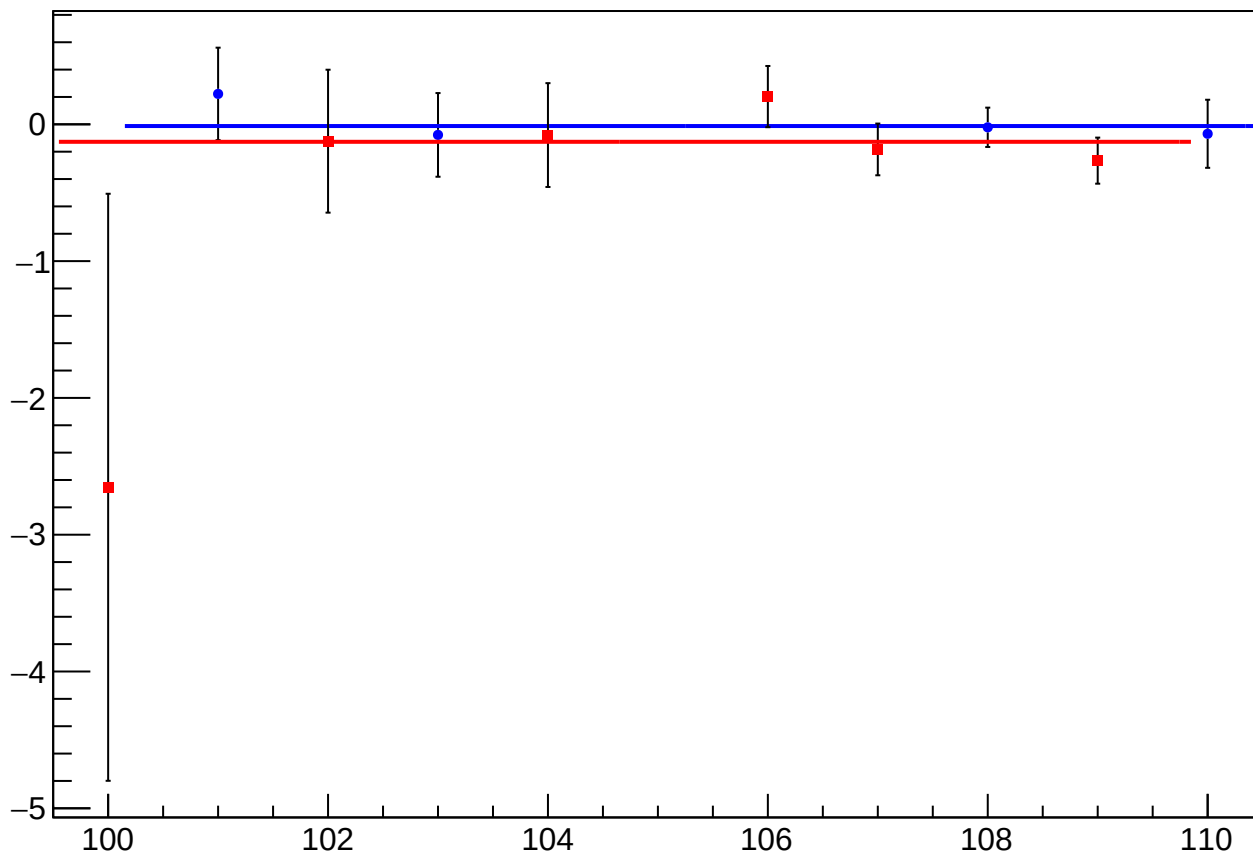
Right: 0.000+/-0.000 χ^2/NDF : 2661986.9/9

In: 0.000+/-0.000 χ^2/NDF : 156743.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2661986.9/9

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.109 χ^2 /NDF: 0.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.128 $\pm$ 0.103 χ^2 /NDF: 4.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

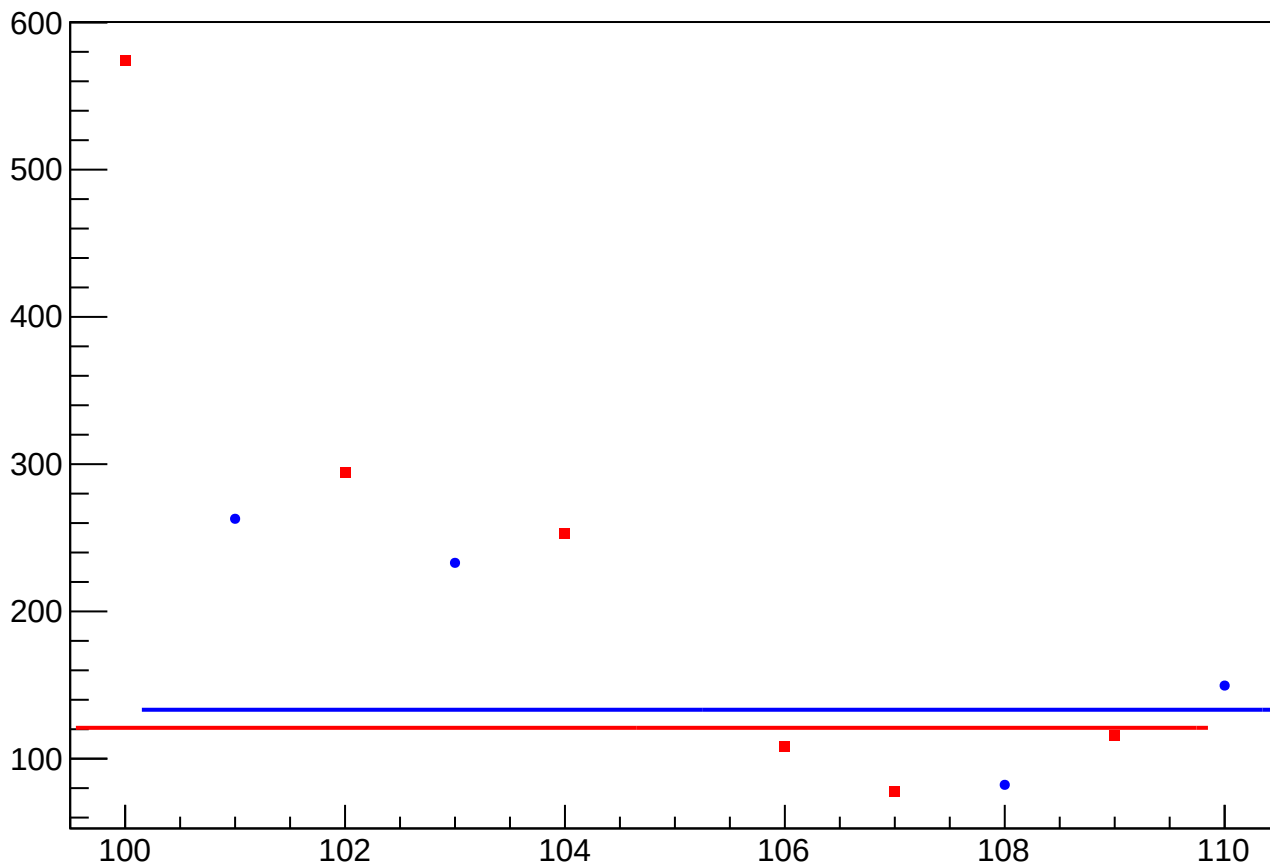
Right: -0.073 $\pm$ 0.075 χ^2 /NDF: 5.5/9

In: -0.013 $\pm$ 0.109 χ^2 /NDF:0.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.073 $\pm$ 0.075 χ^2 /NDF: 5.5/9

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 133.225+/-0.077 χ^2/NDF : 767467.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.957+/-0.073 χ^2/NDF : 665880.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

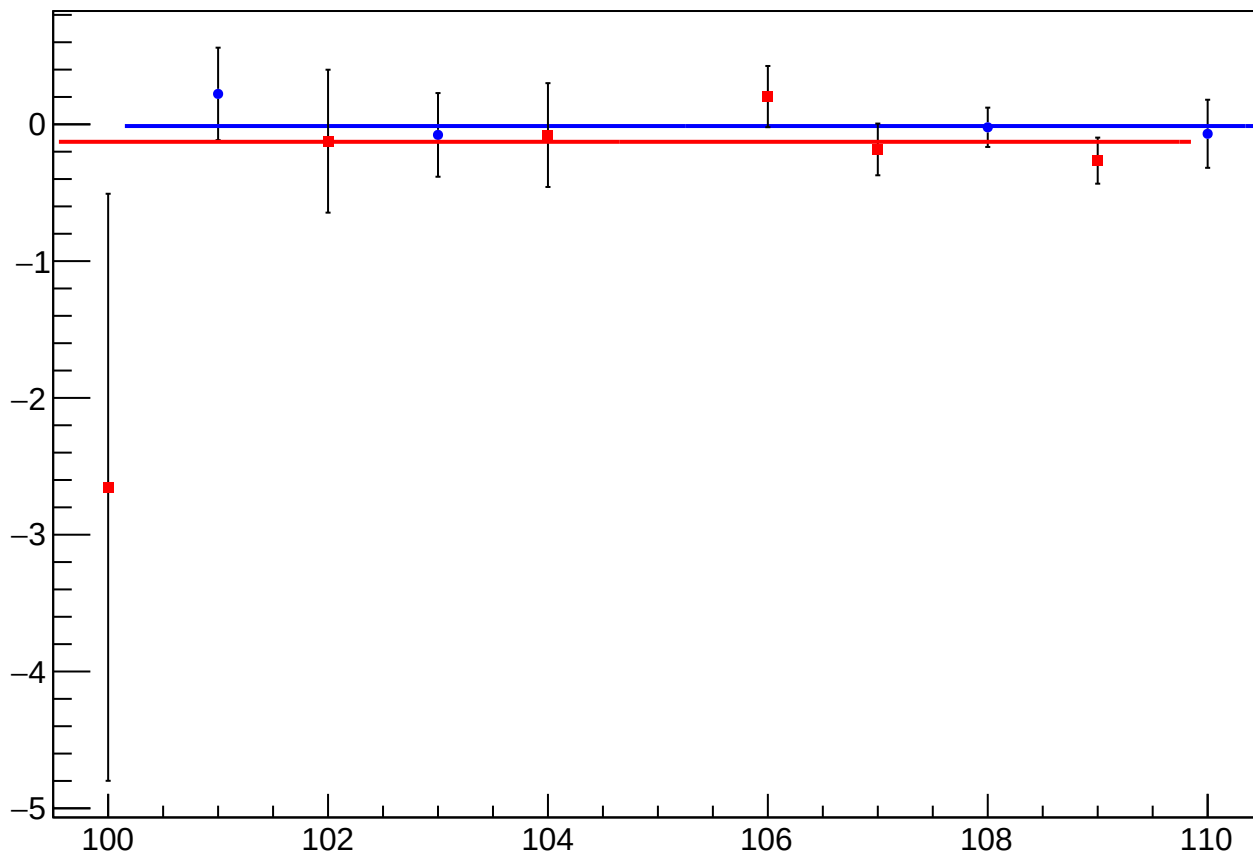
Right: 126.743+/-0.053 χ^2/NDF : 1446705.6/9

In: 133.225+/-0.077 χ^2/NDF : 767467.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.743+/-0.053 χ^2/NDF : 1446705.6/9

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.109 χ^2 /NDF: 0.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.128 $\pm$ 0.103 χ^2 /NDF: 4.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

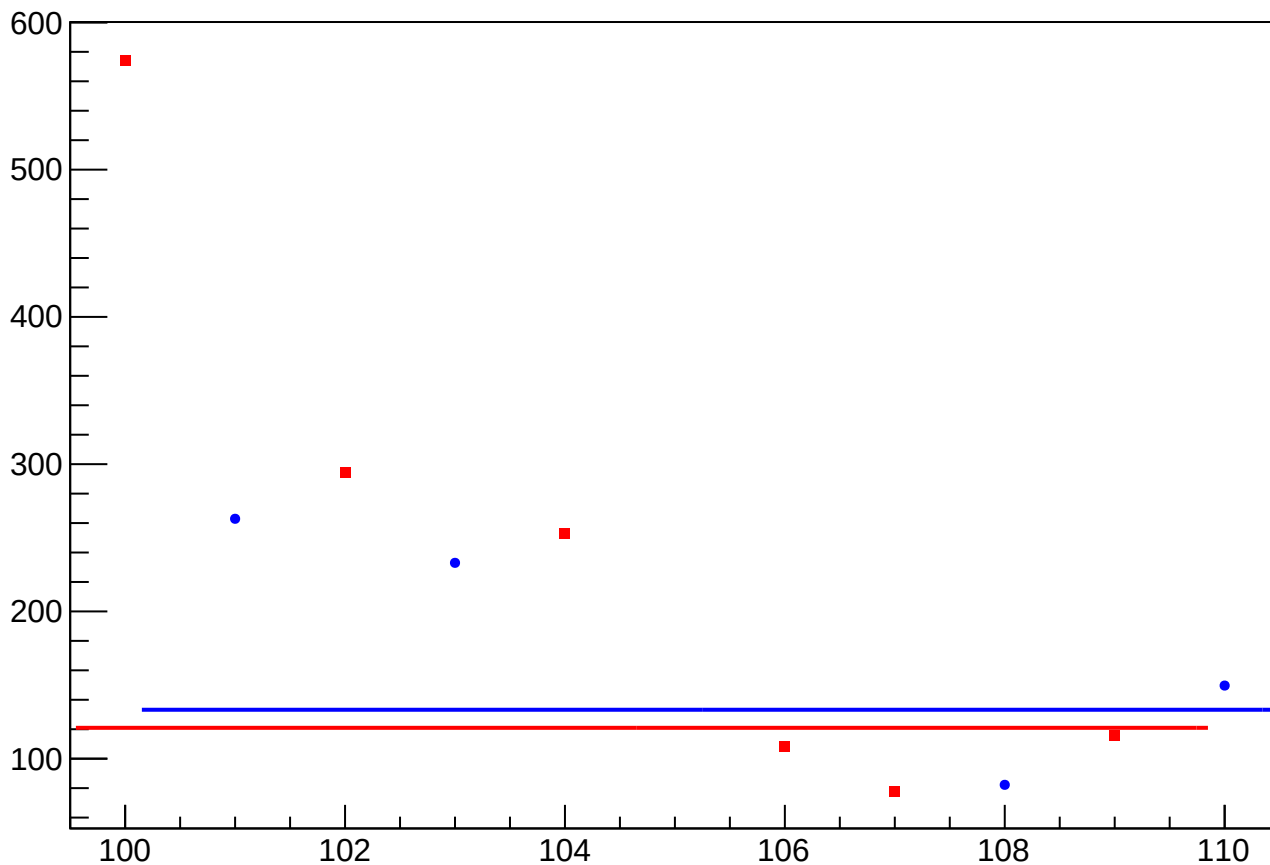
Right: -0.073 $\pm$ 0.075 χ^2 /NDF: 5.5/9

In: -0.013 $\pm$ 0.109 χ^2 /NDF:0.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.073 $\pm$ 0.075 χ^2 /NDF: 5.5/9

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 133.225+/-0.077 χ^2/NDF : 767467.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.957+/-0.073 χ^2/NDF : 665880.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

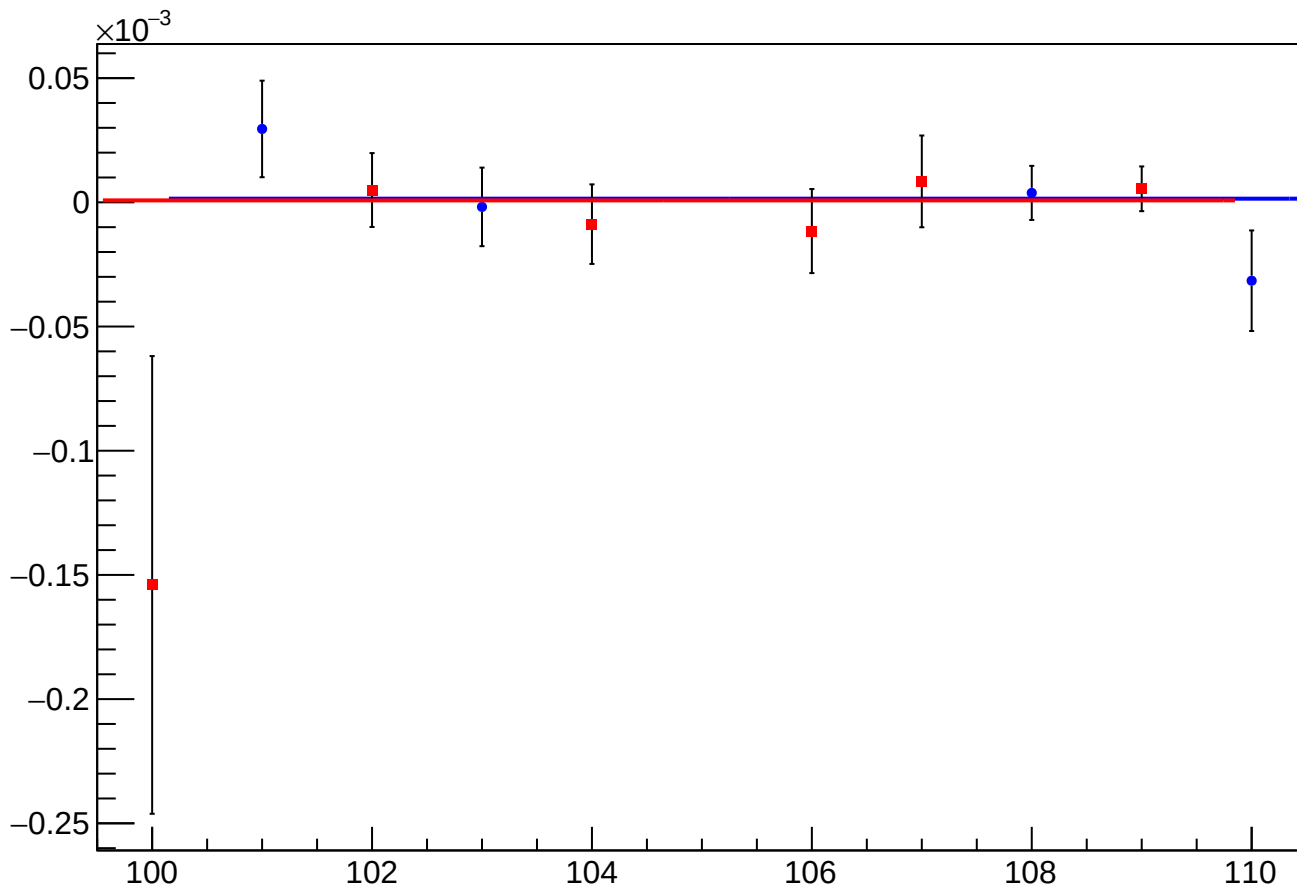
Right: 126.743+/-0.053 χ^2/NDF : 1446705.6/9

In: 133.225+/-0.077 χ^2/NDF : 767467.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.743+/-0.053 χ^2/NDF : 1446705.6/9

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

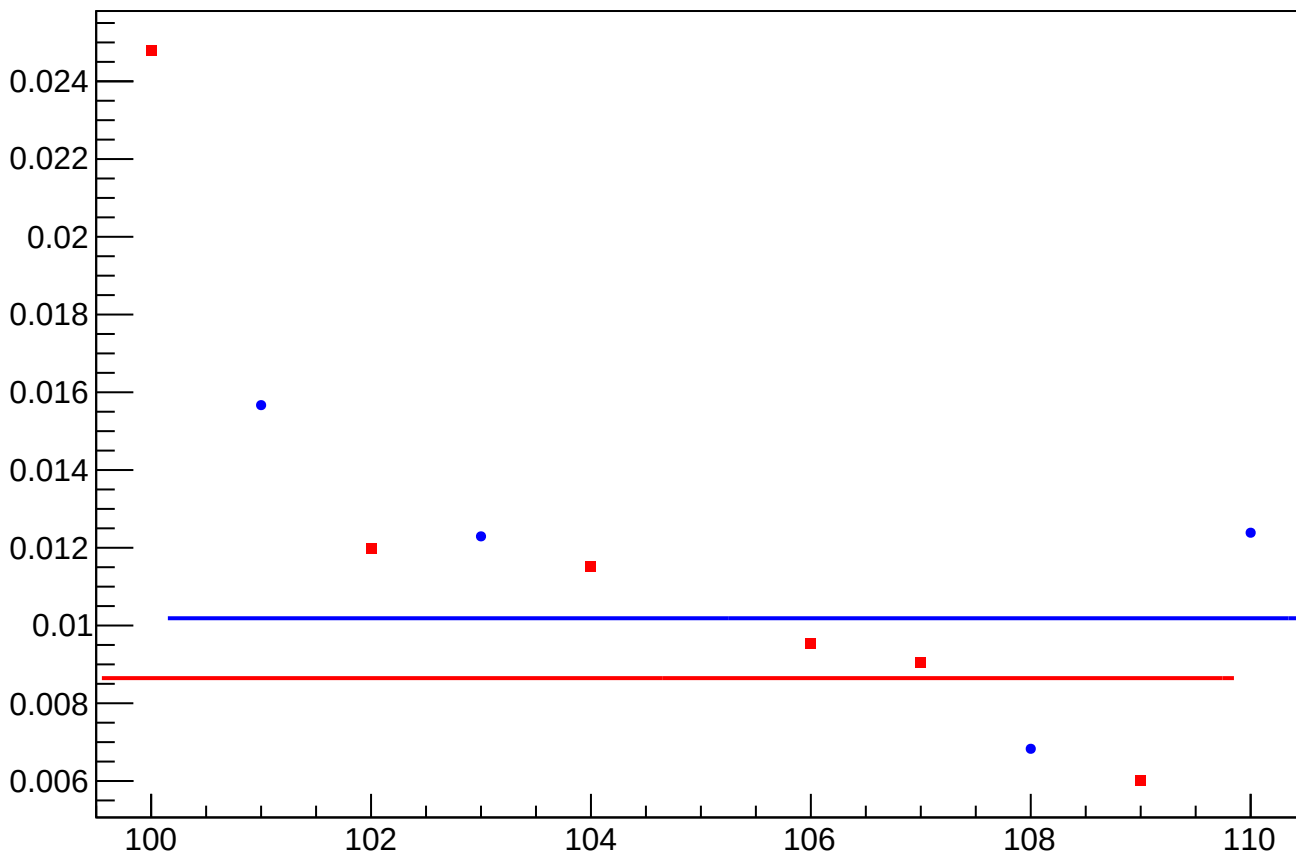
Right: 0.000+/-0.000 χ^2/NDF : 9.1/9

In: 0.000+/-0.000 χ^2/NDF : 4.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.1/9

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 408468.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 403813.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

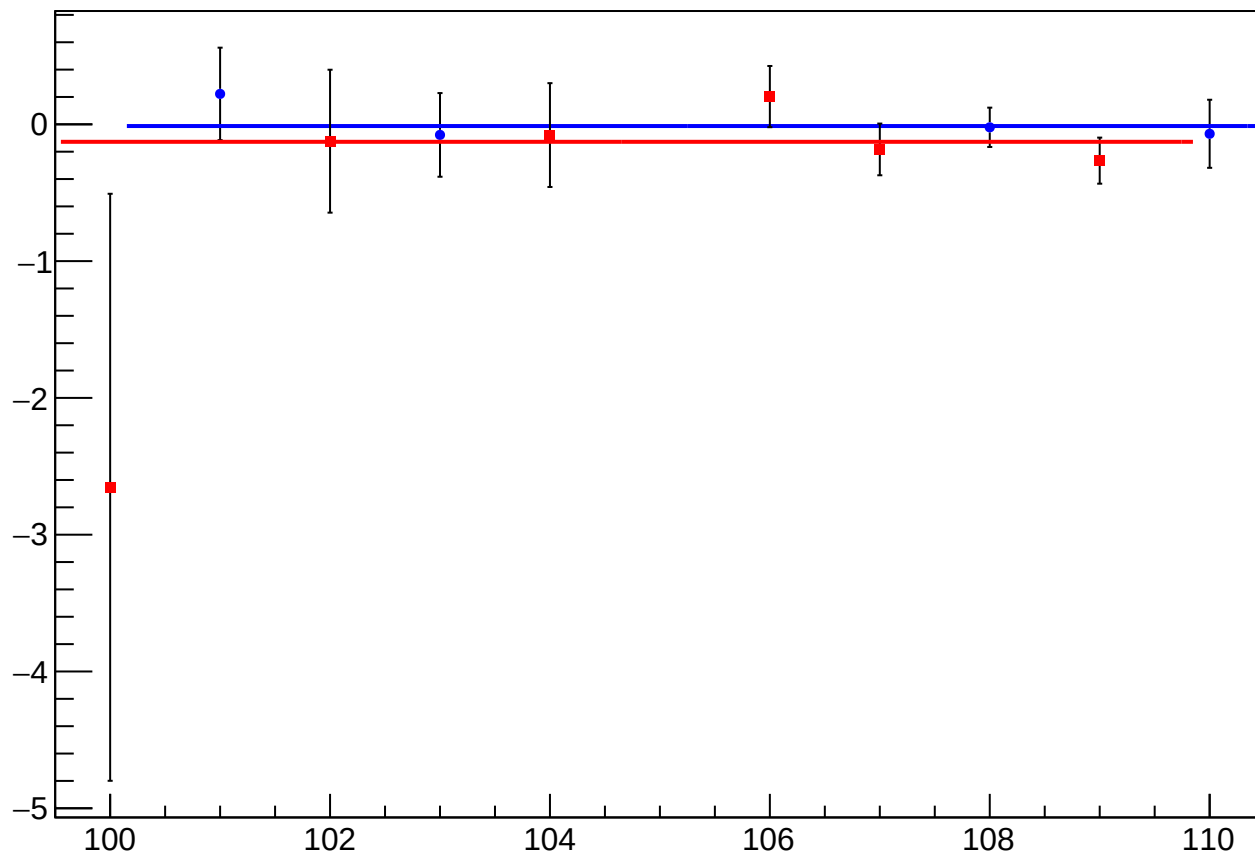
Right: 0.009+/-0.000 χ^2/NDF : 862918.8/9

In: 0.010+/-0.000 χ^2/NDF : 408468.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 862918.8/9

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.109 $\chi^2/\text{NDF}: 0.6/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.128 ± 0.103 $\chi^2/\text{NDF}: 4.3/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

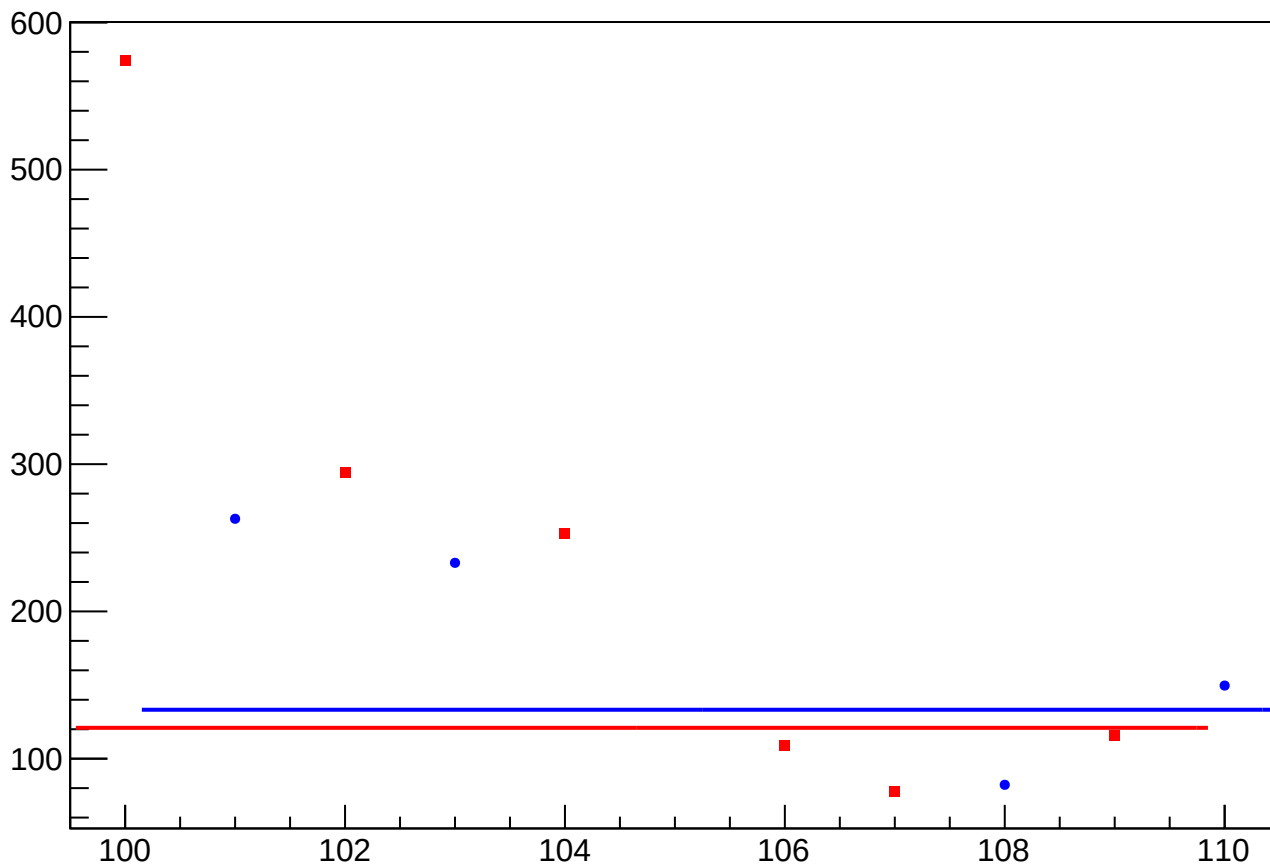
Right: -0.073 ± 0.075 $\chi^2/\text{NDF}: 5.5/9$

In: -0.013 ± 0.109 $\chi^2/\text{NDF}: 0.6/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.073 ± 0.075 $\chi^2/\text{NDF}: 5.5/9$

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 133.225+/-0.077 χ^2/NDF : 767470.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.956+/-0.073 χ^2/NDF : 665907.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

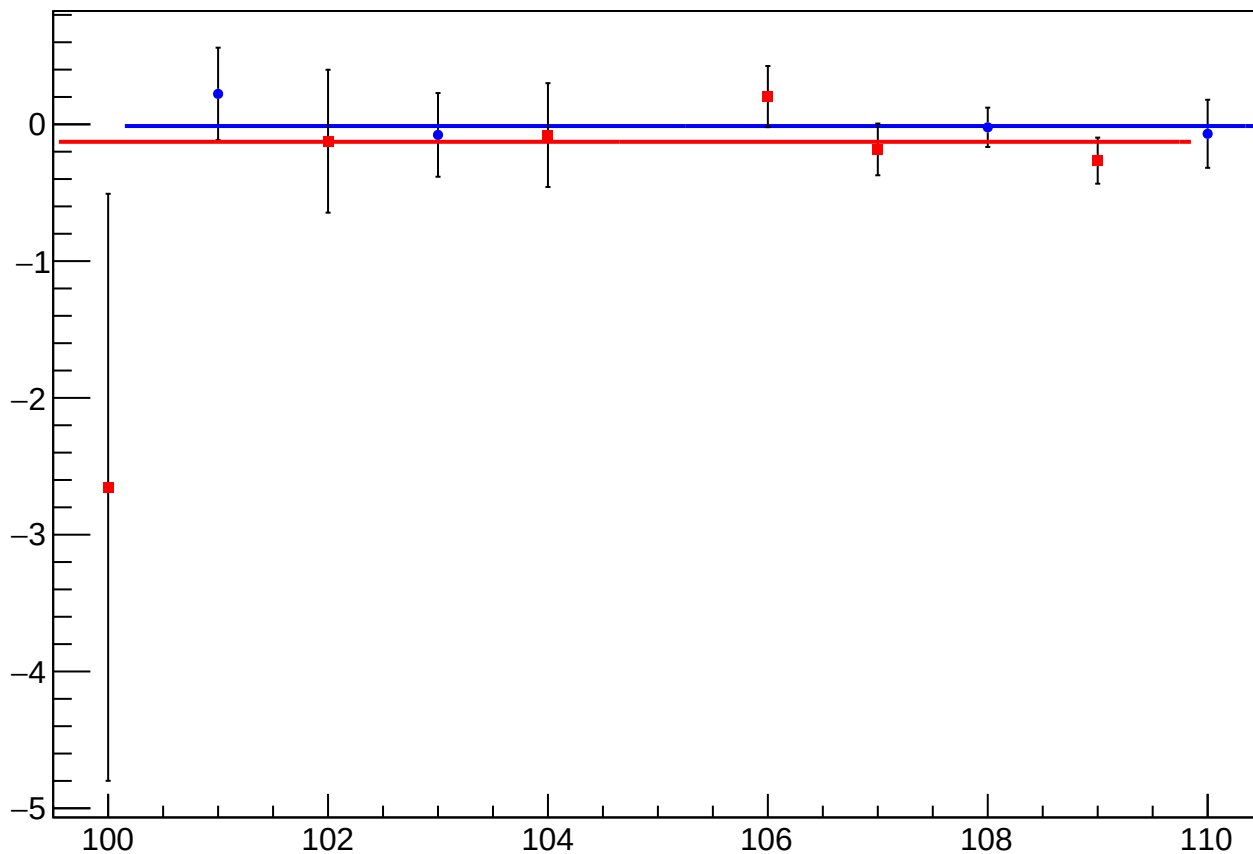
Right: 126.743+/-0.053 χ^2/NDF : 1446737.8/9

In: 133.225+/-0.077 χ^2/NDF : 767470.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.743+/-0.053 χ^2/NDF : 1446737.8/9

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.109 χ^2/NDF : 0.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.128 ± 0.103 χ^2/NDF : 4.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

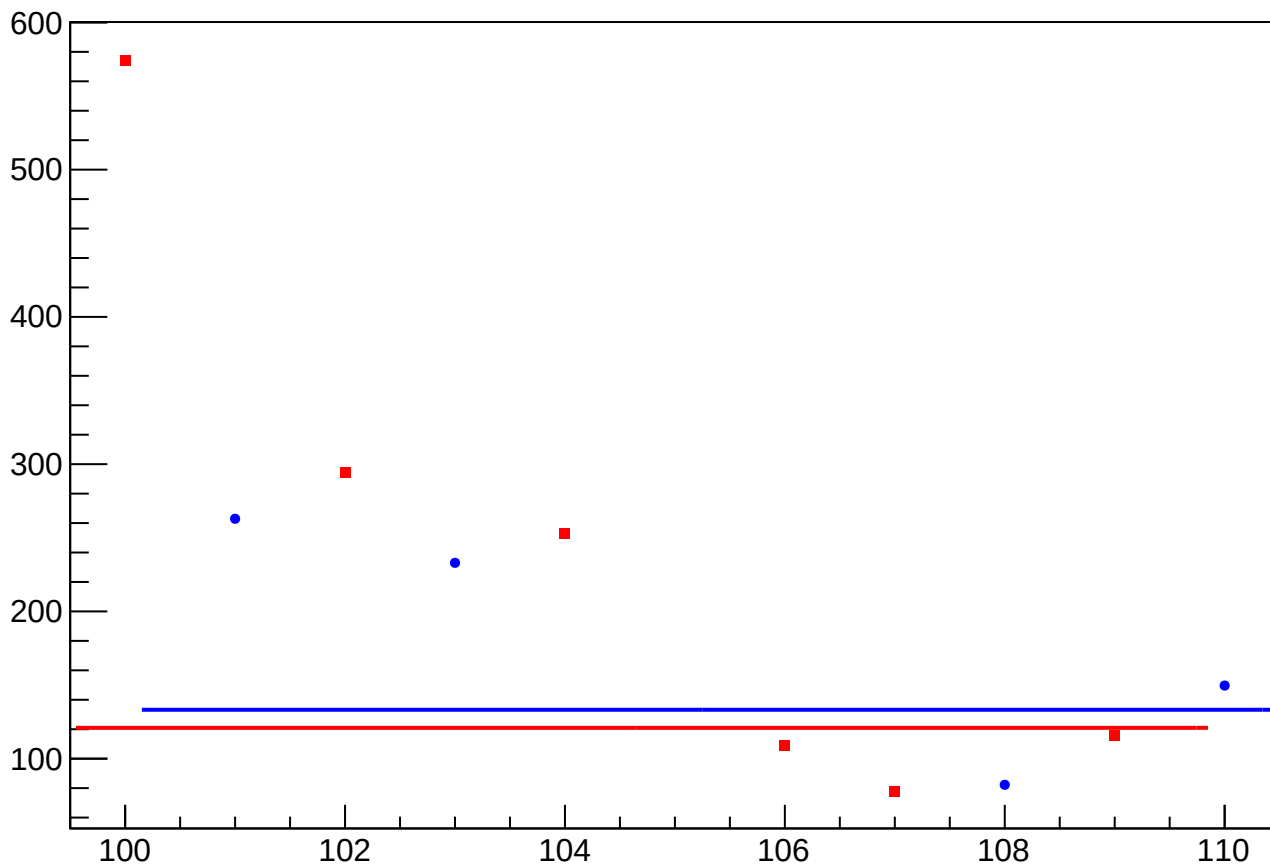
Right: -0.073 ± 0.075 χ^2/NDF : 5.5/9

In: -0.013 ± 0.109 χ^2/NDF : 0.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.073 ± 0.075 χ^2/NDF : 5.5/9

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 133.225+/-0.077 χ^2/NDF : 767470.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.956+/-0.073 χ^2/NDF : 665907.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

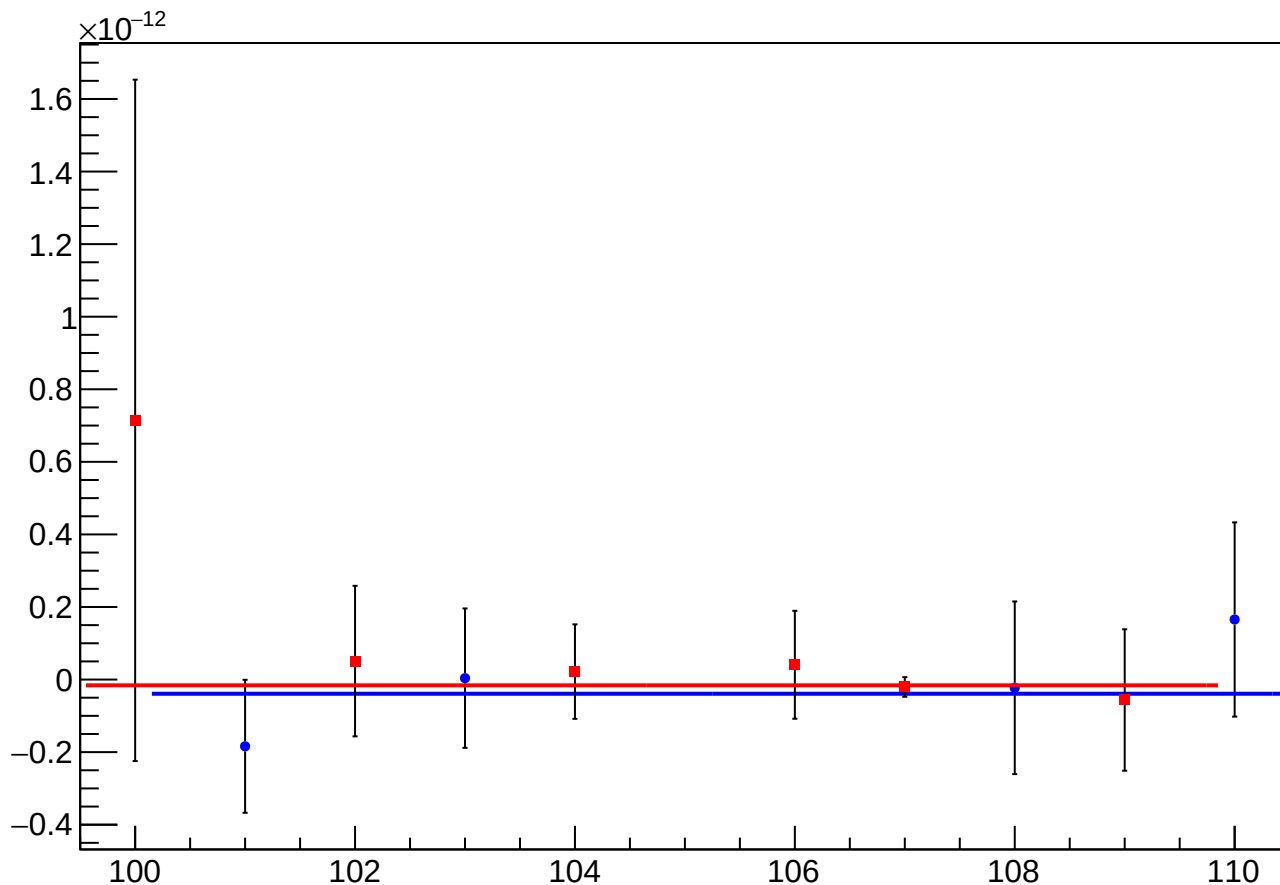
Right: 126.743+/-0.053 χ^2/NDF : 1446737.8/9

In: 133.225+/-0.077 χ^2/NDF : 767470.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.743+/-0.053 χ^2/NDF : 1446737.8/9

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

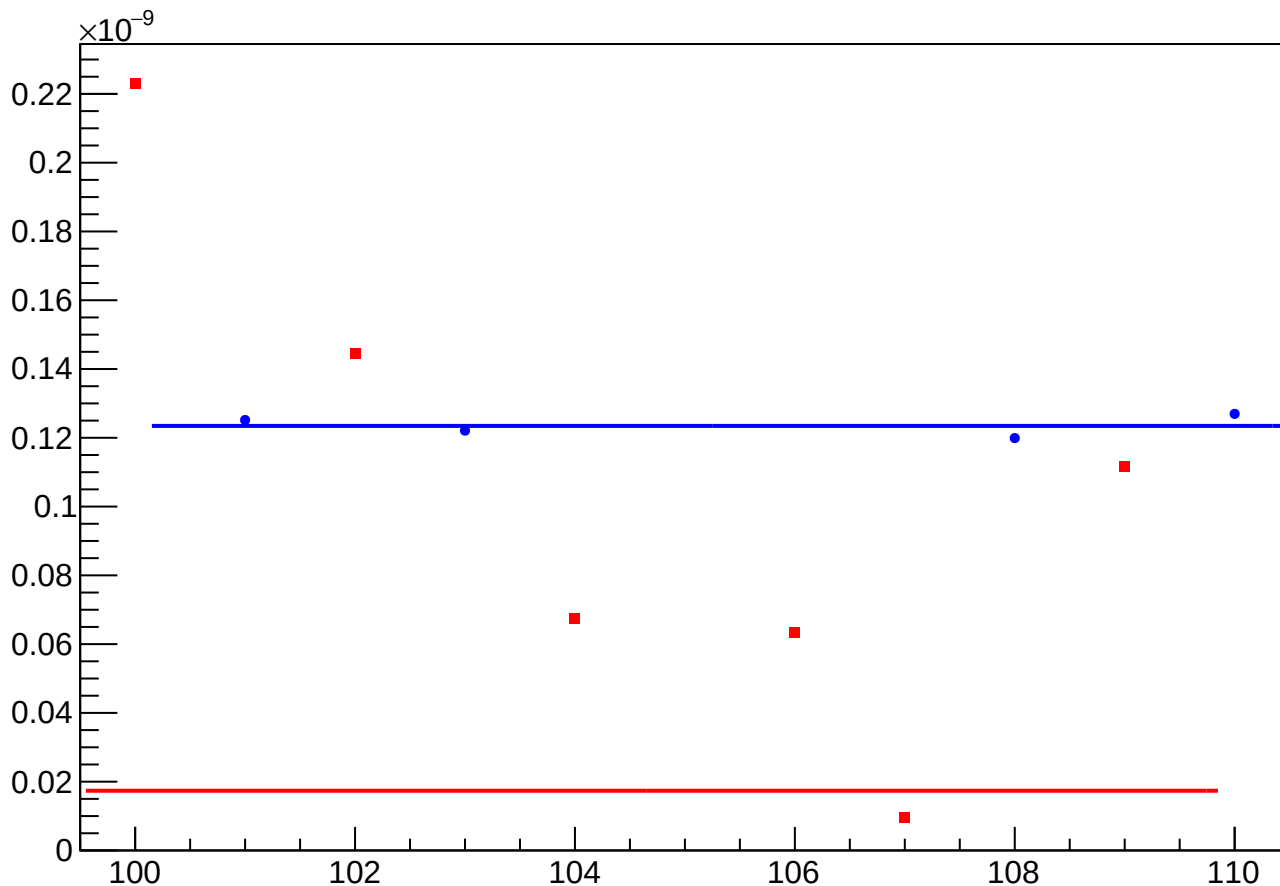
Right: -0.000+/-0.000 χ^2/NDF : 2.3/9

In: -0.000+/-0.000 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.3/9

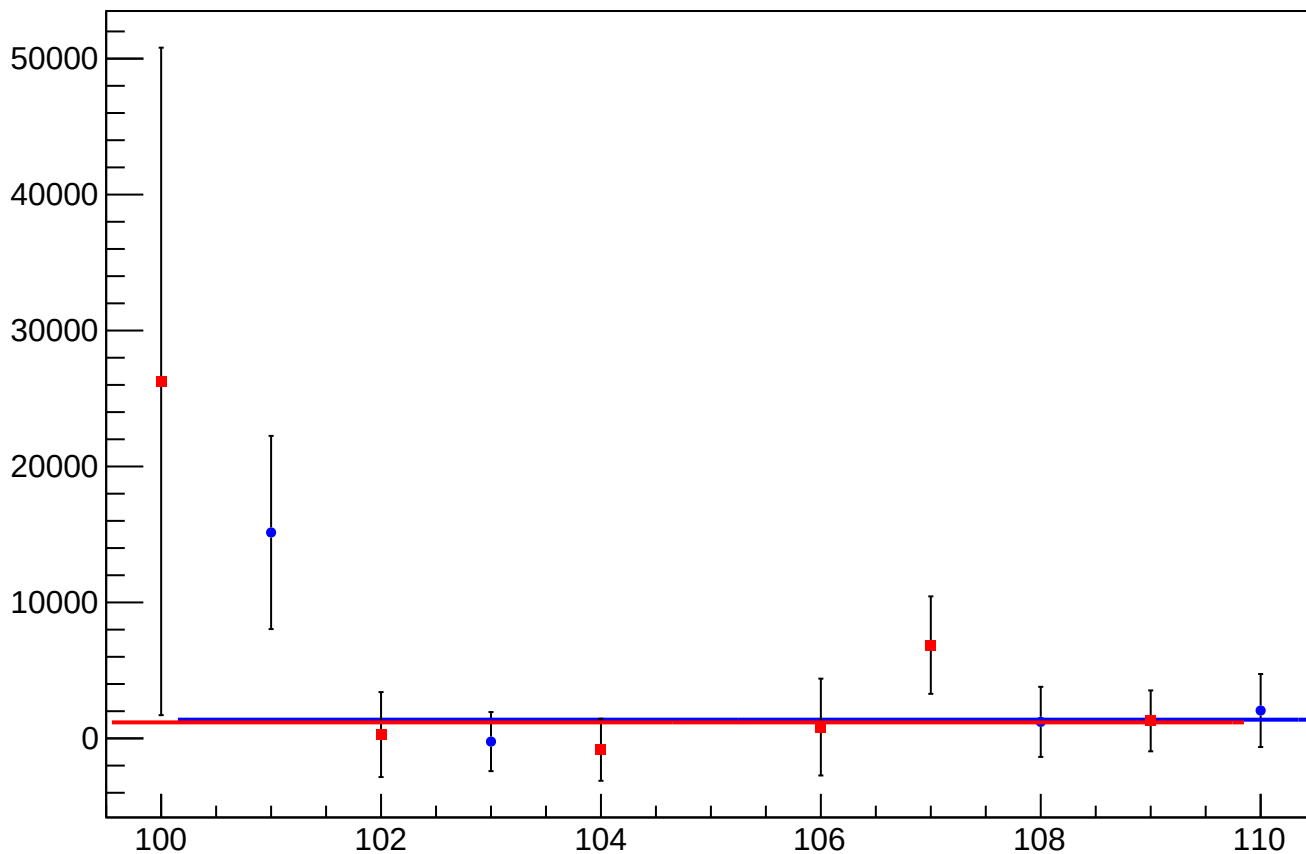
asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1062.3/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 1971121.9/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 3854996.4/9
 In: 0.000+/-0.000 χ^2/NDF : 1062.3/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 3854996.4/9

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1376.651+/-1385.619 χ^2/NDF : 4.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1177.742+/-1238.265 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

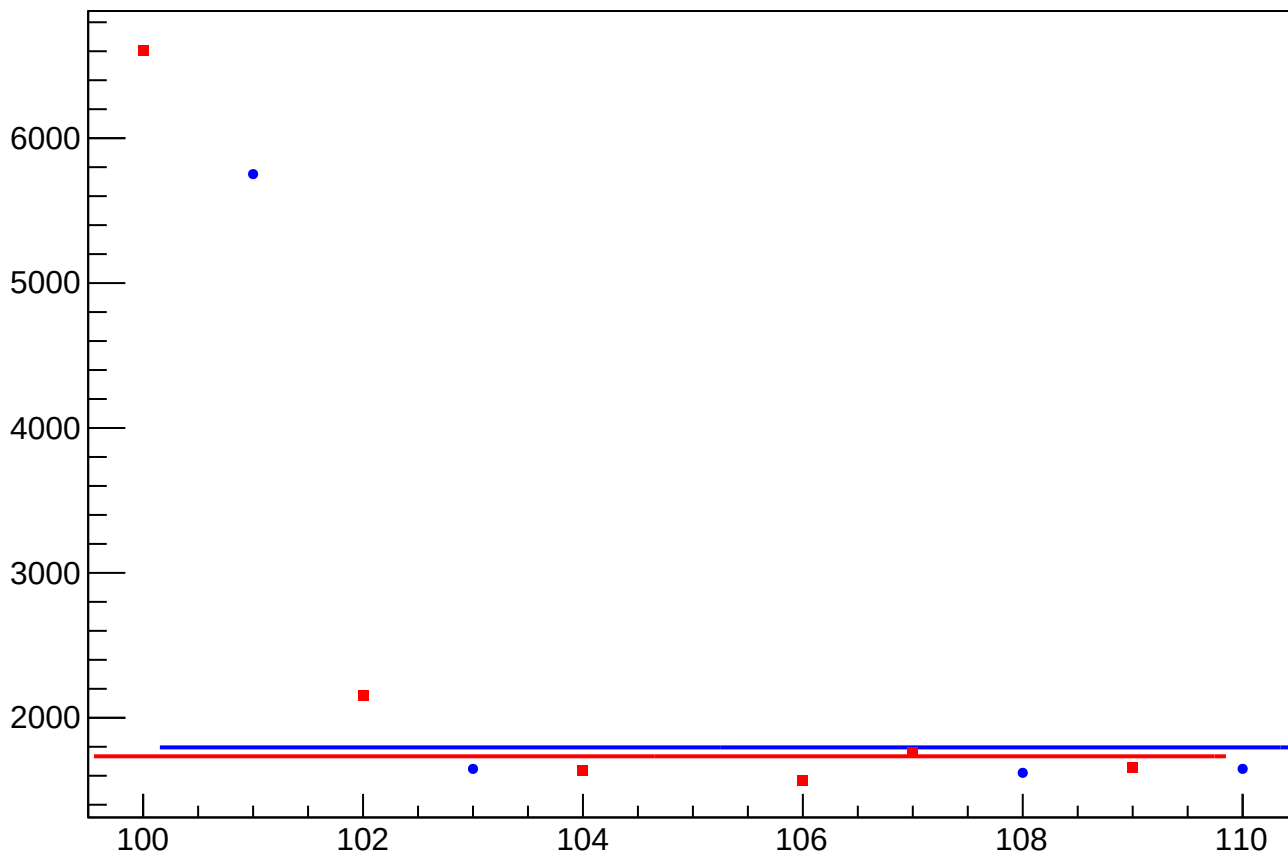
Right: 1266.061+/-923.302 χ^2/NDF : 8.8/9

In: 1376.651+/-1385.619 χ^2/NDF :4.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1266.061+/-923.302 χ^2/NDF : 8.8/9

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1795.700+/-0.980 χ^2/NDF : 644730.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1734.201+/-0.853 χ^2/NDF : 127581.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

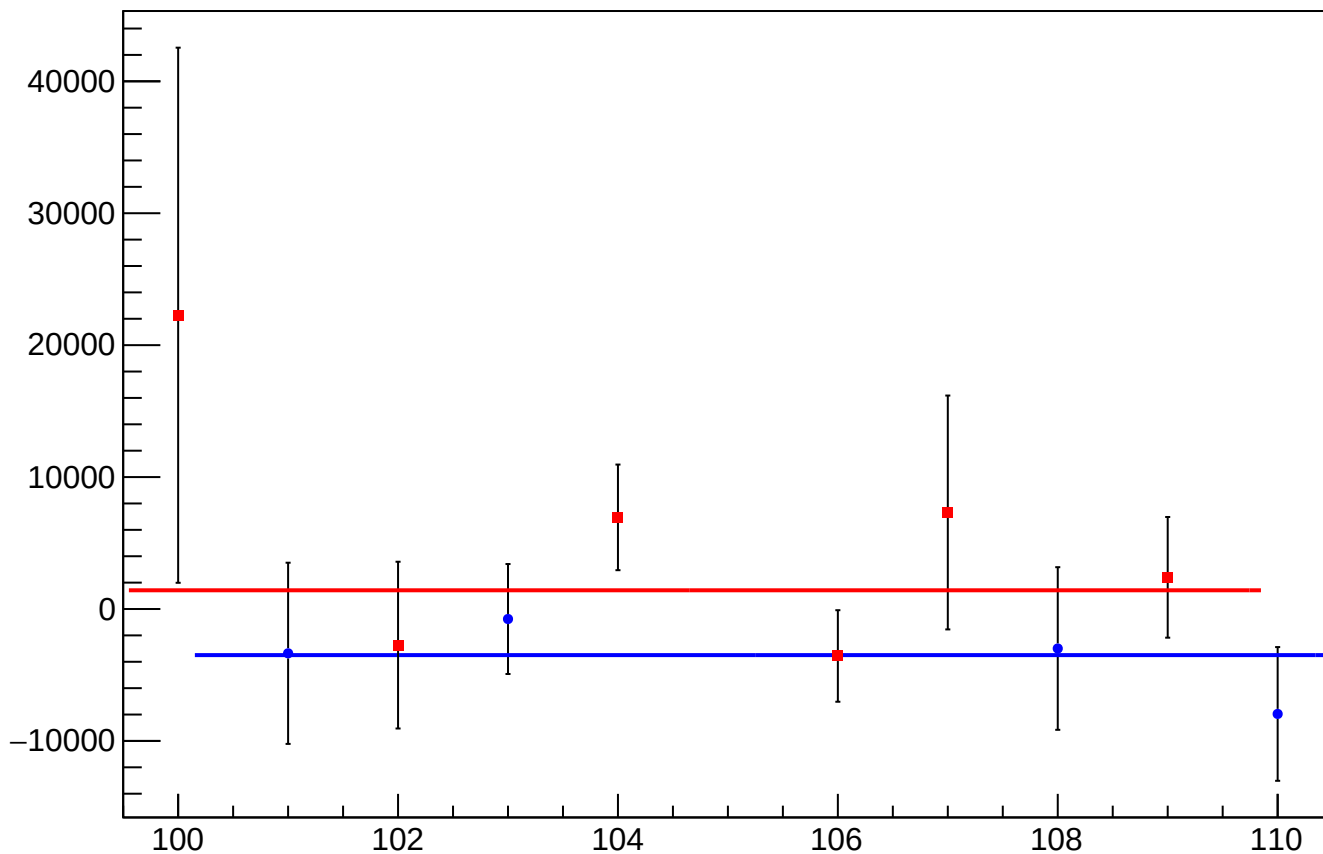
Right: 1760.727+/-0.643 χ^2/NDF : 774552.6/9

In: 1795.700+/-0.980 χ^2/NDF : 644730.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1760.727+/-0.643 χ^2/NDF : 774552.6/9

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3494.471+/-2634.884 χ^2/NDF : 1.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1418.579+/-2069.589 χ^2/NDF : 5.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

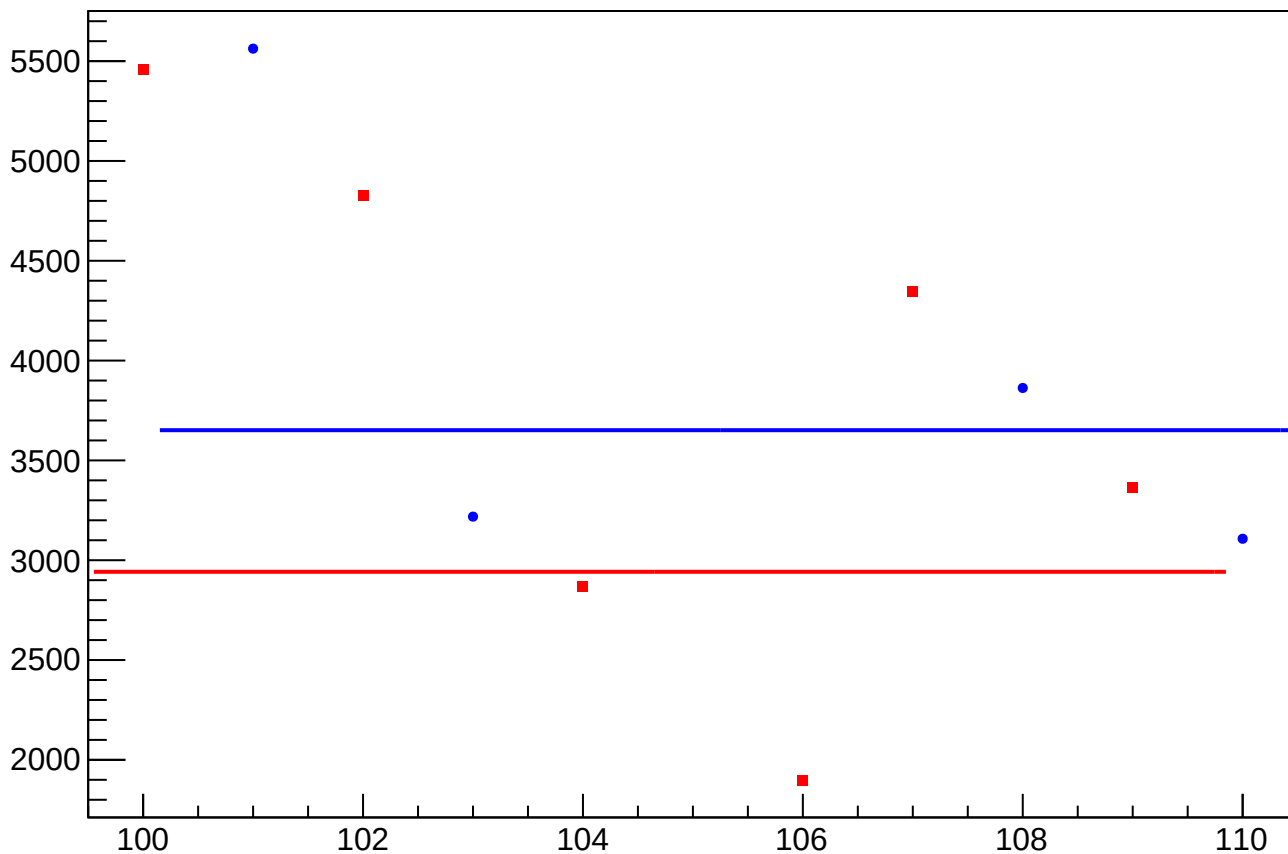
Right: -455.991+/-1627.559 χ^2/NDF : 9.3/9

In: -3494.471+/-2634.884 χ^2/NDF : 1.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -455.991+/-1627.559 χ^2/NDF : 9.3/9

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3651.308+/-1.863 χ^2/NDF : 201908.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2941.968+/-1.463 χ^2/NDF : 457975.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

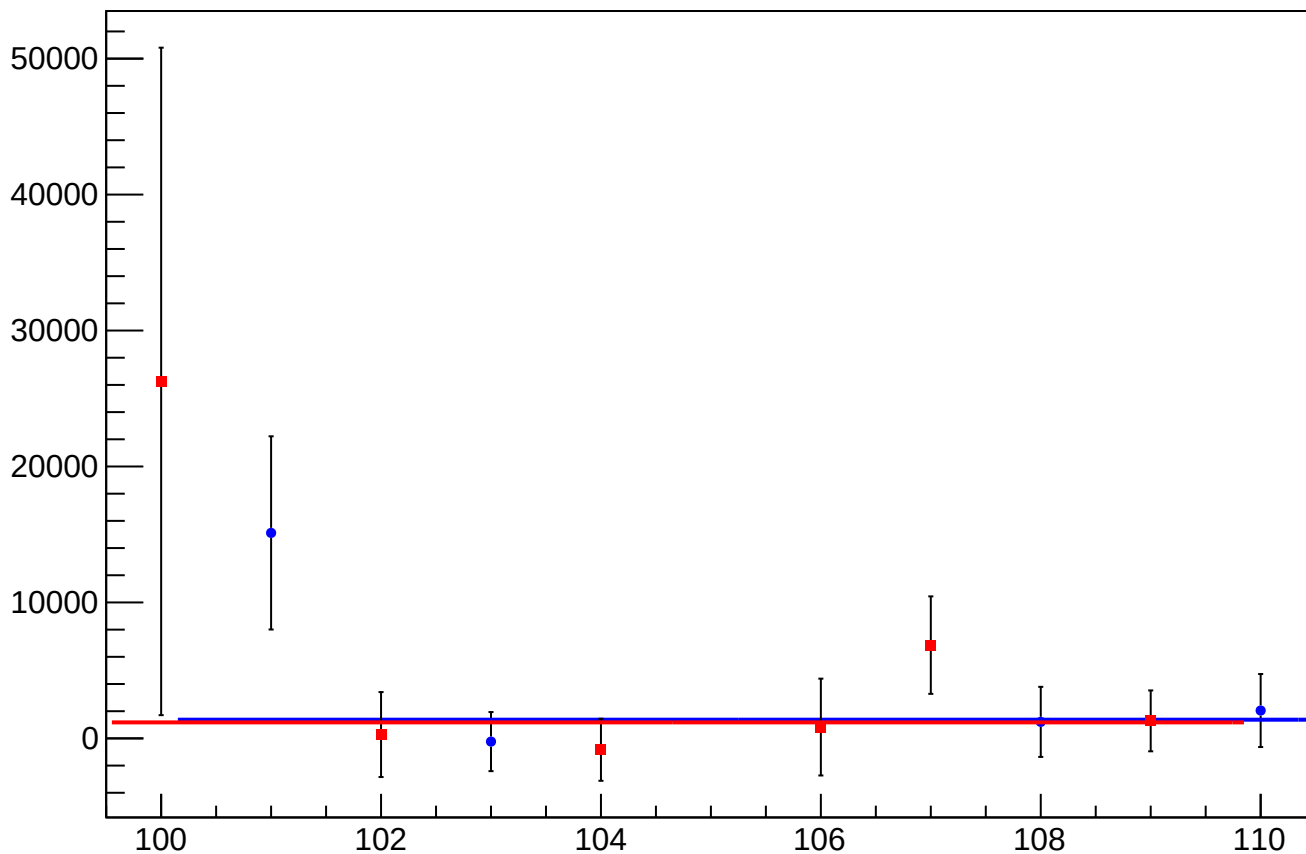
Right: 3212.616+/-1.151 χ^2/NDF : 749528.1/9

In: 3651.308+/-1.863 χ^2/NDF : 201908.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3212.616+/-1.151 χ^2/NDF : 749528.1/9

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1375.416+/-1385.619 χ^2/NDF : 4.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1178.095+/-1238.265 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

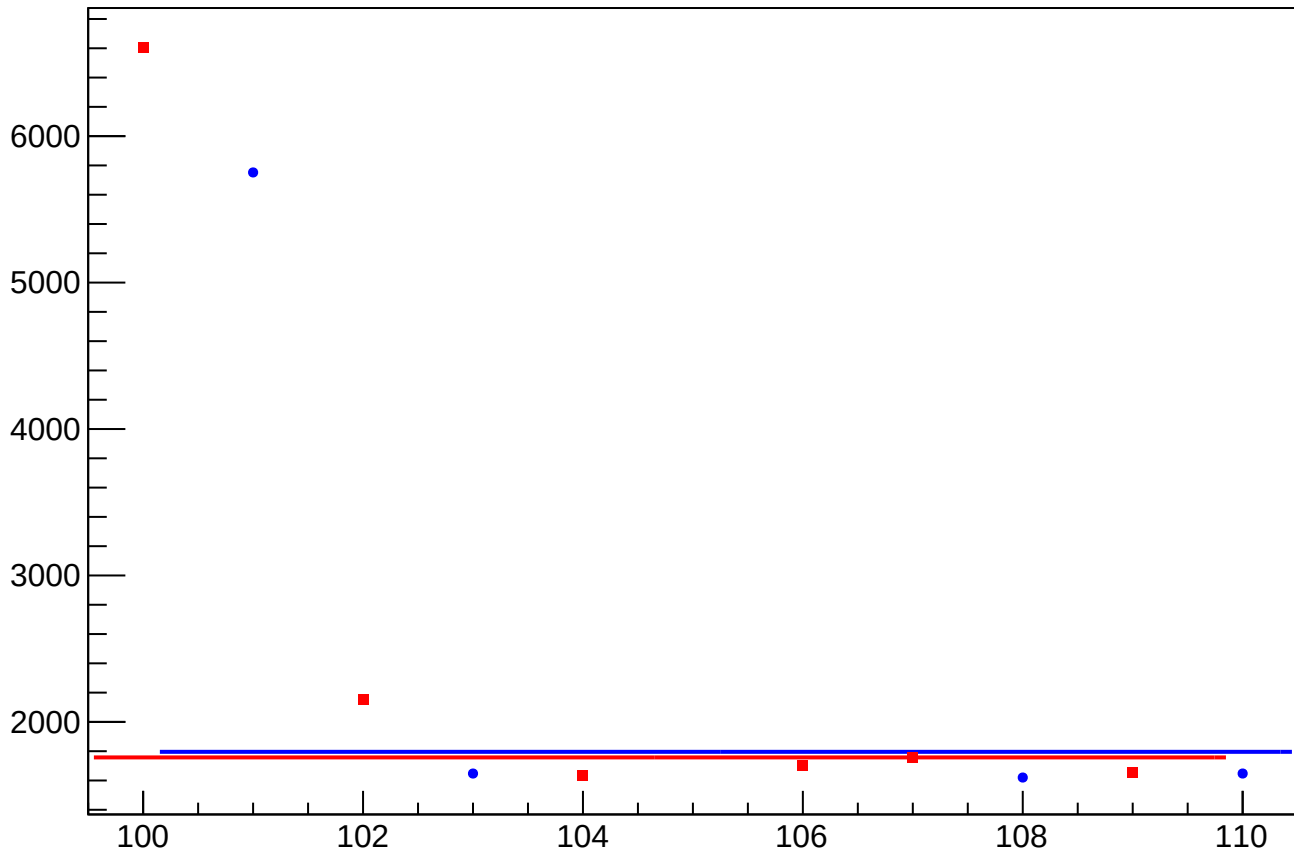
Right: 1265.709+/-923.303 χ^2/NDF : 8.8/9

In: 1375.416+/-1385.619 χ^2/NDF :4.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1265.709+/-923.303 χ^2/NDF : 8.8/9

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1795.699+/-0.980 χ^2/NDF : 644730.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1757.550+/-0.864 χ^2/NDF : 120756.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

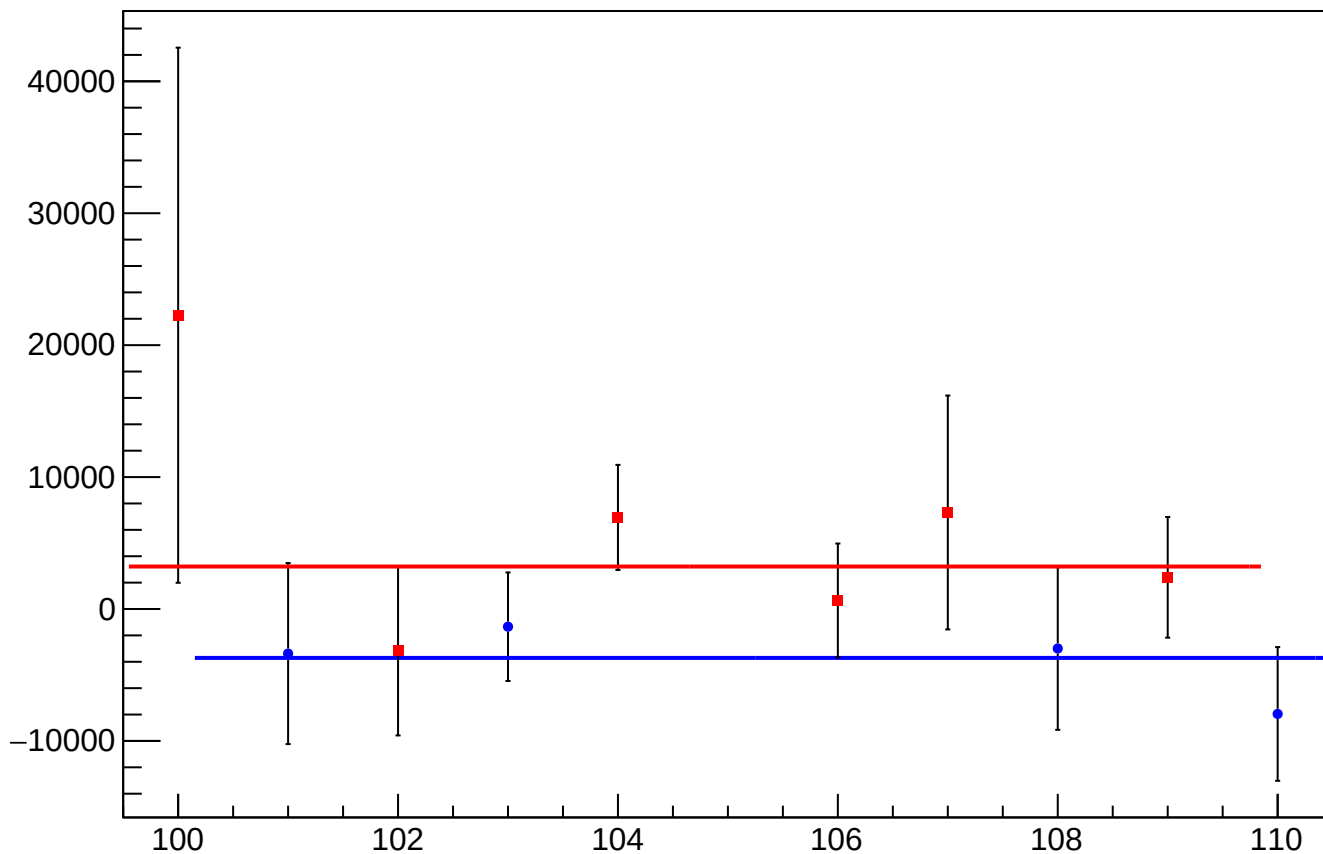
Right: 1774.240+/-0.648 χ^2/NDF : 766339.8/9

In: 1795.699+/-0.980 χ^2/NDF : 644730.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1774.240+/-0.648 χ^2/NDF : 766339.8/9

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3706.421+/-2621.295 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3220.110+/-2214.275 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

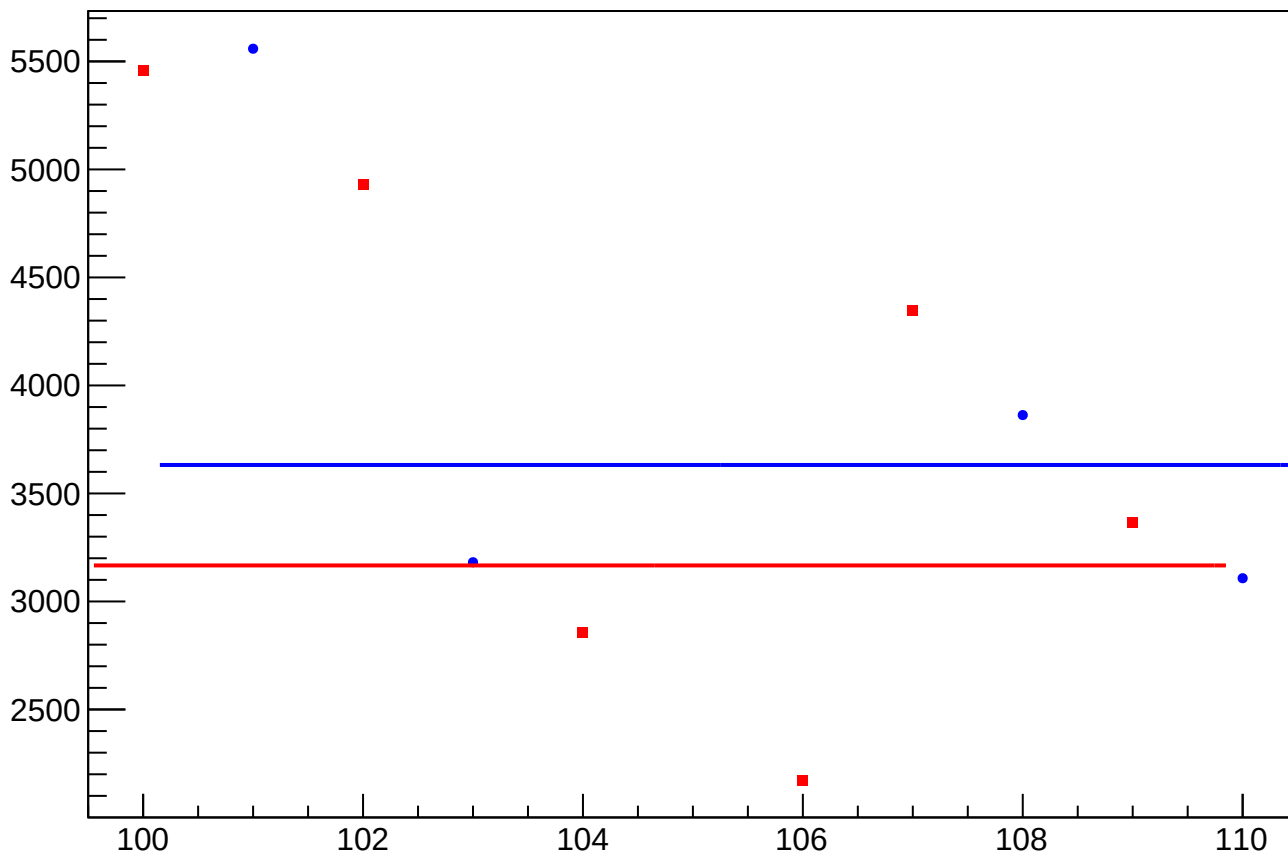
Right: 335.763+/-1691.538 χ^2/NDF : 8.5/9

In: -3706.421+/-2621.295 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.763+/-1691.538 χ^2/NDF : 8.5/9

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3631.837+/-1.854 χ^2/NDF : 205852.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3166.780+/-1.566 χ^2/NDF : 334116.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

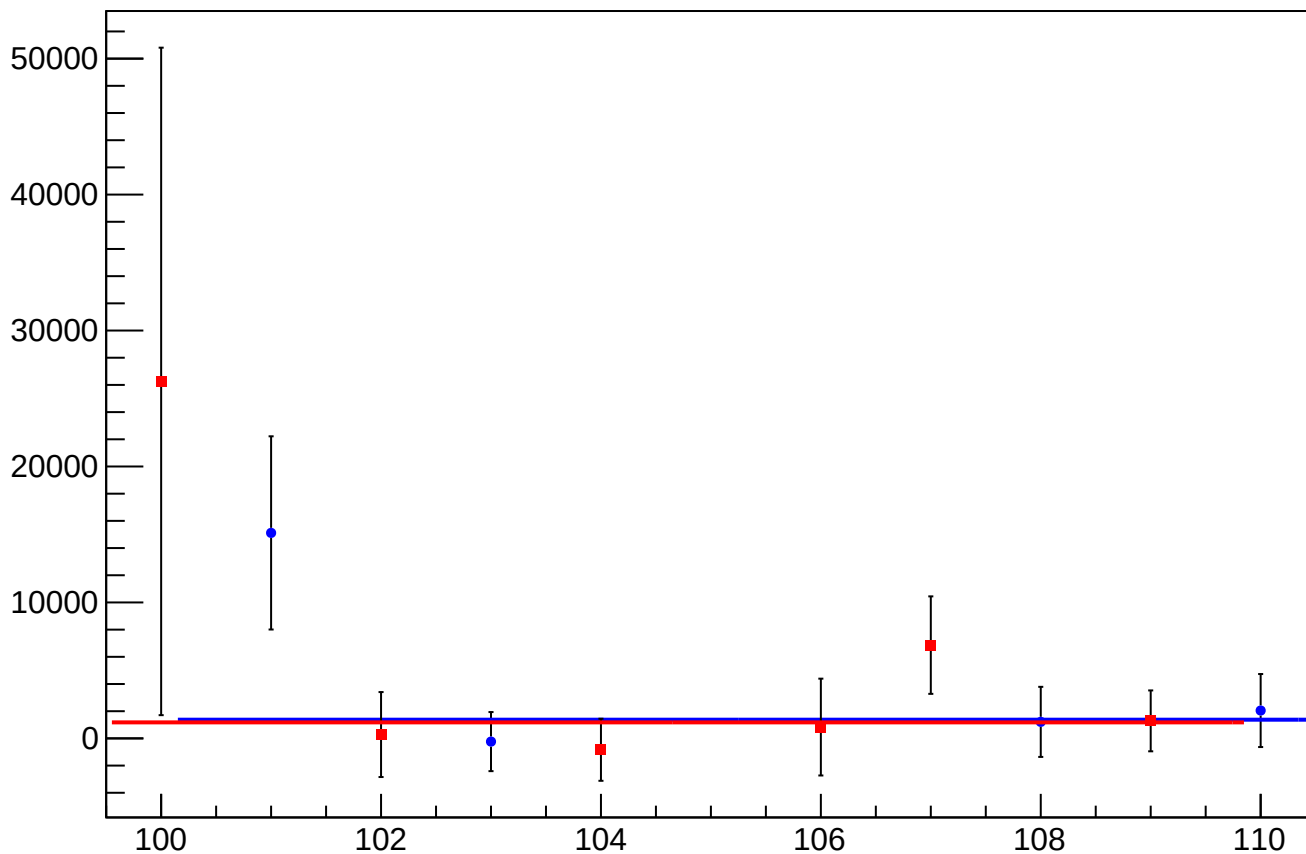
Right: 3360.439+/-1.196 χ^2/NDF : 576706.9/9

In: 3631.837+/-1.854 χ^2/NDF : 205852.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3360.439+/-1.196 χ^2/NDF : 576706.9/9

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1375.416+/-1385.619 χ^2/NDF : 4.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1178.095+/-1238.265 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

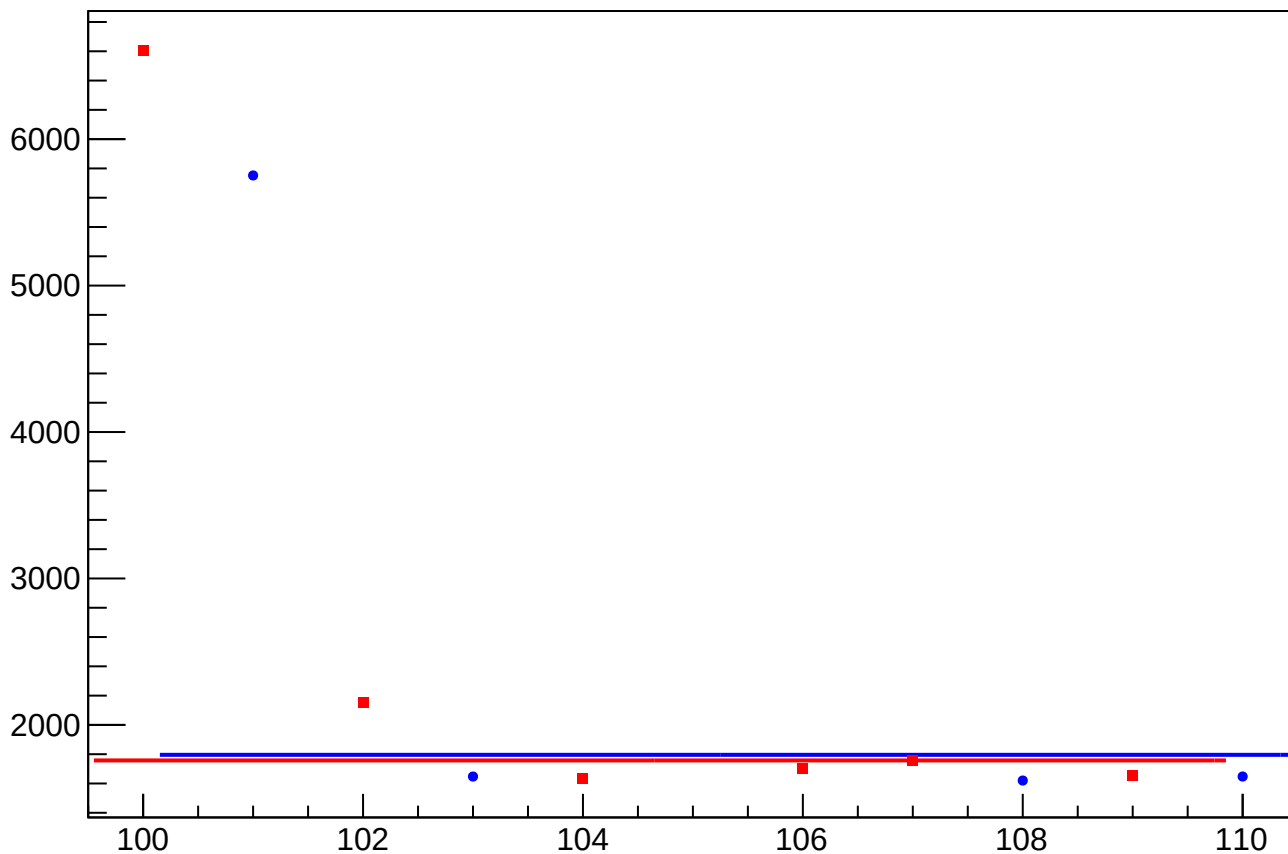
Right: 1265.709+/-923.303 χ^2/NDF : 8.8/9

In: 1375.416+/-1385.619 χ^2/NDF : 4.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1265.709+/-923.303 χ^2/NDF : 8.8/9

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1795.699+/-0.980 χ^2/NDF : 644730.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1757.550+/-0.864 χ^2/NDF : 120756.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

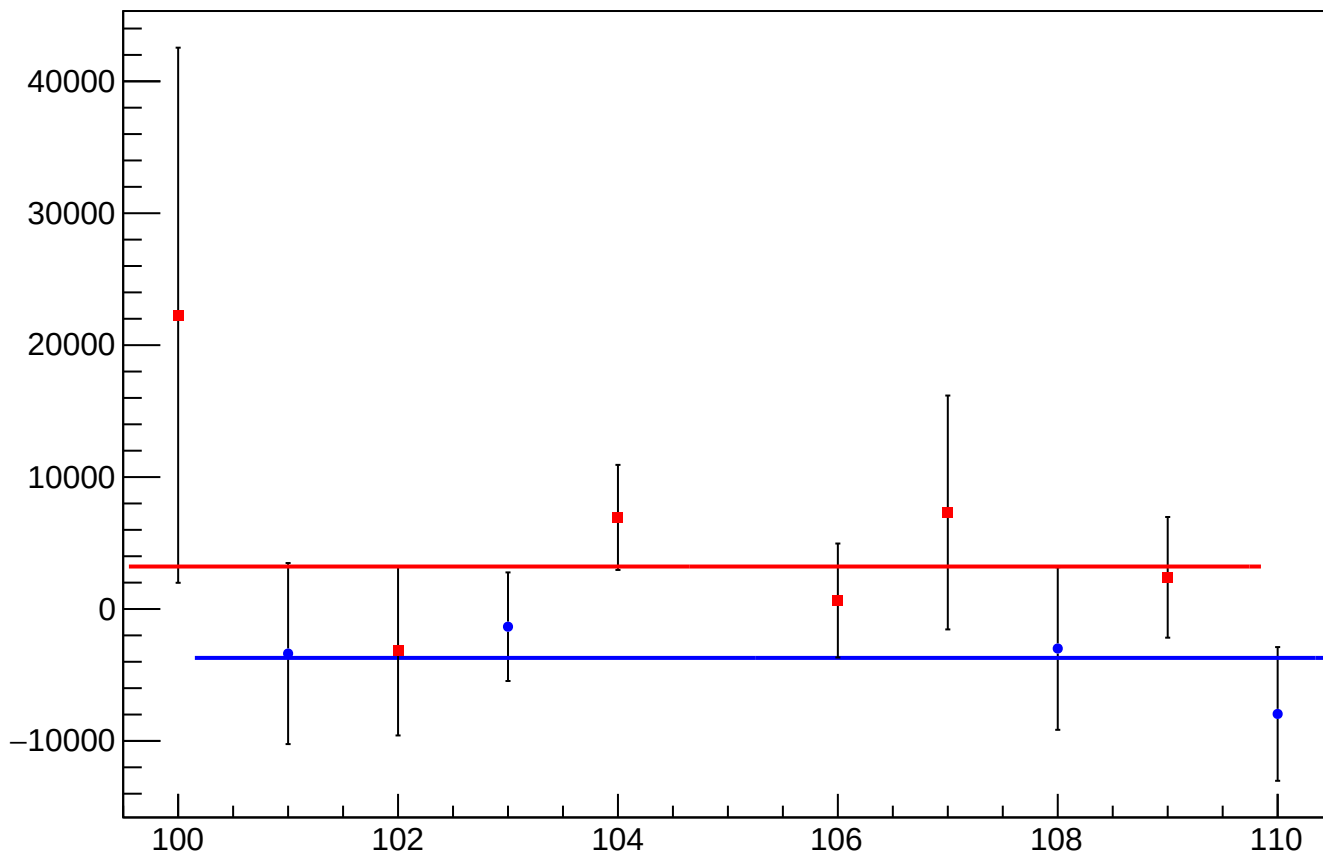
Right: 1774.240+/-0.648 χ^2/NDF : 766339.8/9

In: 1795.699+/-0.980 χ^2/NDF : 644730.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1774.240+/-0.648 χ^2/NDF : 766339.8/9

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3706.421+/-2621.295 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3220.110+/-2214.275 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

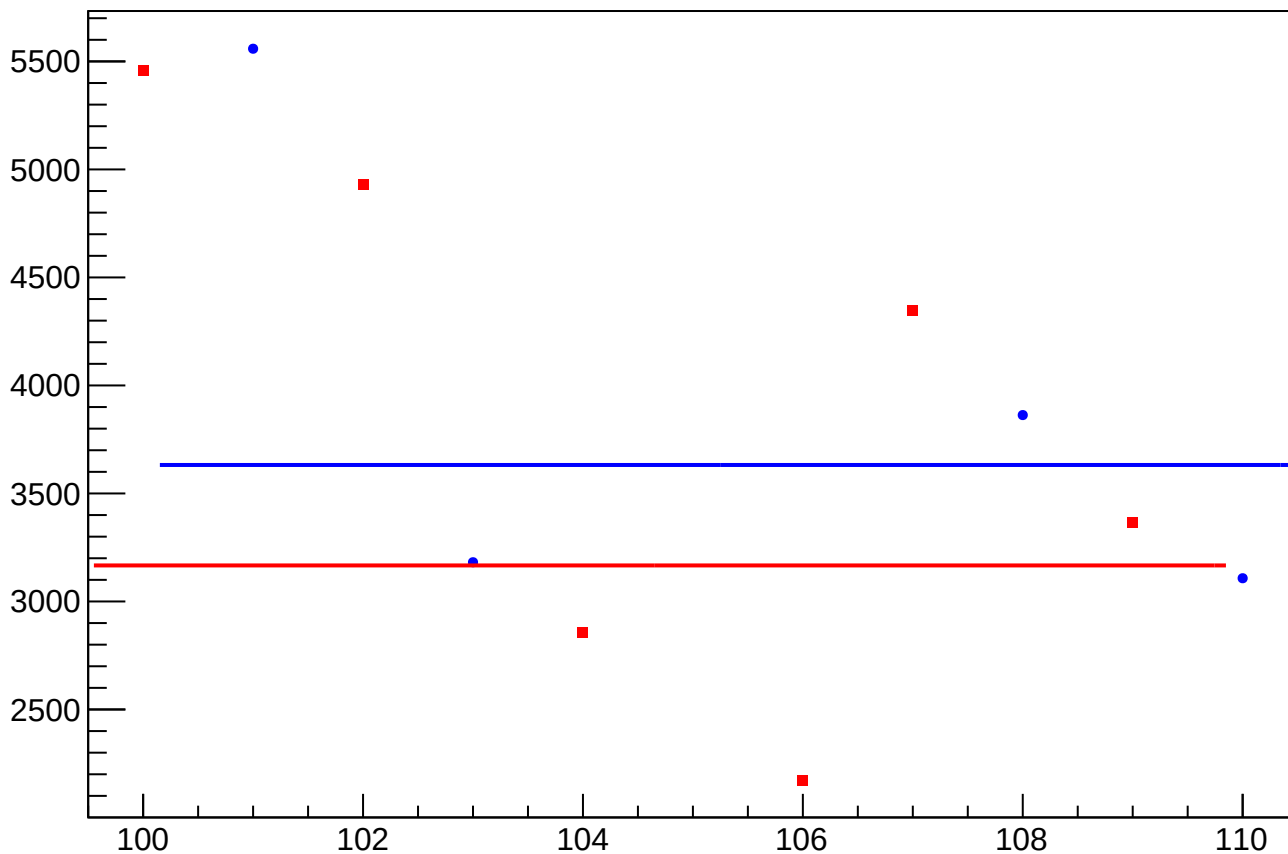
Right: 335.763+/-1691.538 χ^2/NDF : 8.5/9

In: -3706.421+/-2621.295 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.763+/-1691.538 χ^2/NDF : 8.5/9

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3631.837+/-1.854 χ^2/NDF : 205852.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3166.780+/-1.566 χ^2/NDF : 334116.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

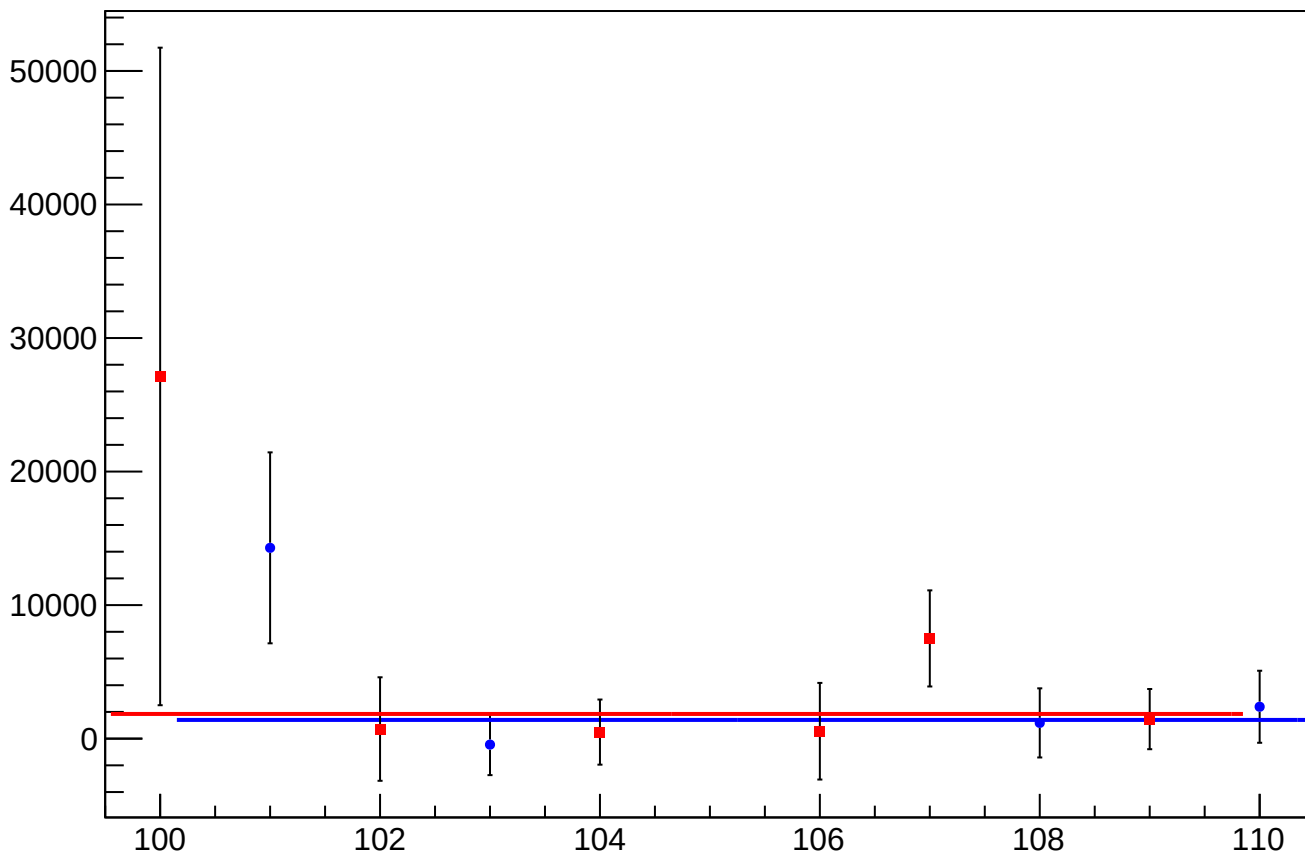
Right: 3360.439+/-1.196 χ^2/NDF : 576706.9/9

In: 3631.837+/-1.854 χ^2/NDF : 205852.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3360.439+/-1.196 χ^2/NDF : 576706.9/9

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1400.995+/-1417.285 χ^2/NDF : 4.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.280+/-1305.555 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

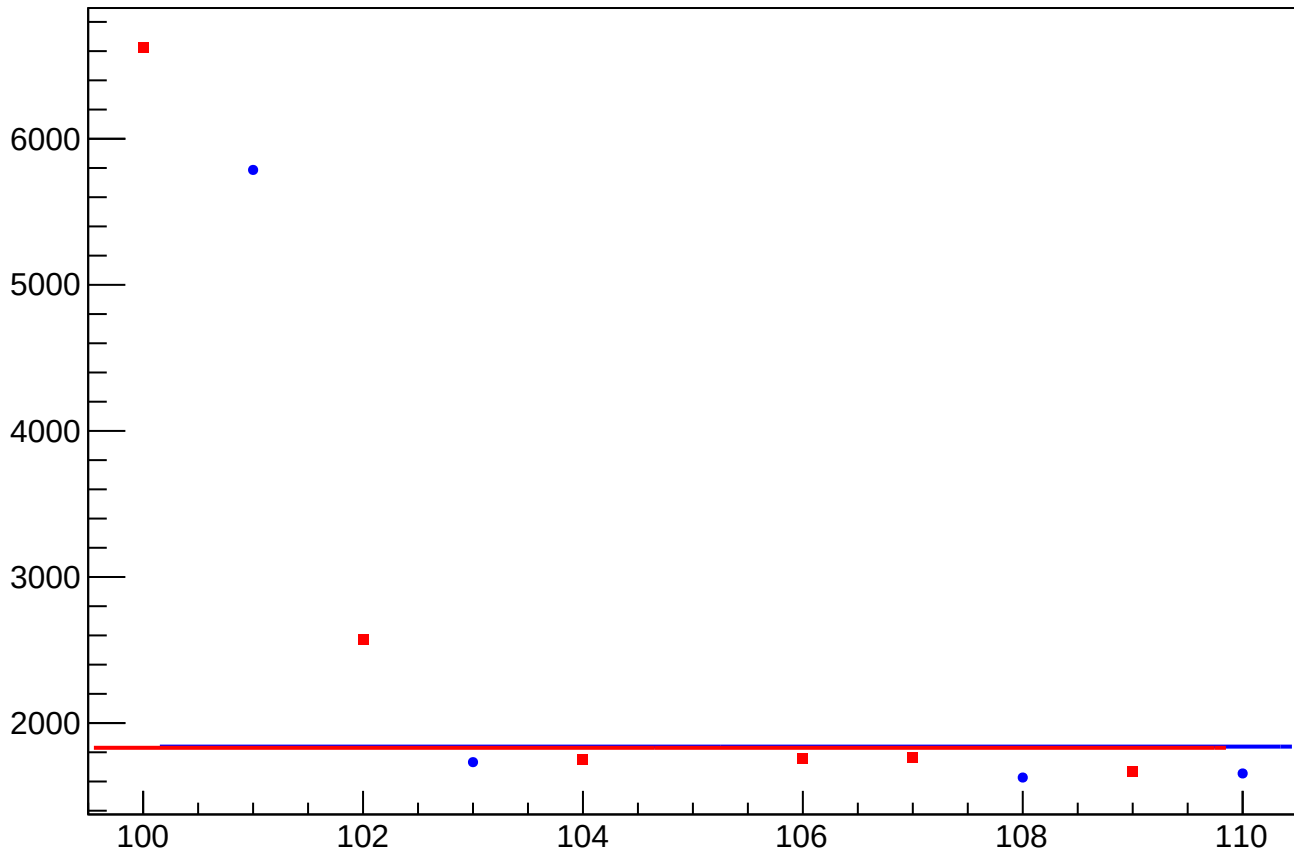
Right: 1642.961+/-960.240 χ^2/NDF : 8.2/9

In: 1400.995+/-1417.285 χ^2/NDF : 4.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1642.961+/-960.240 χ^2/NDF : 8.2/9

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1838.818+/-1.002 χ^2/NDF : 636746.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1830.722+/-0.914 χ^2/NDF : 163827.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

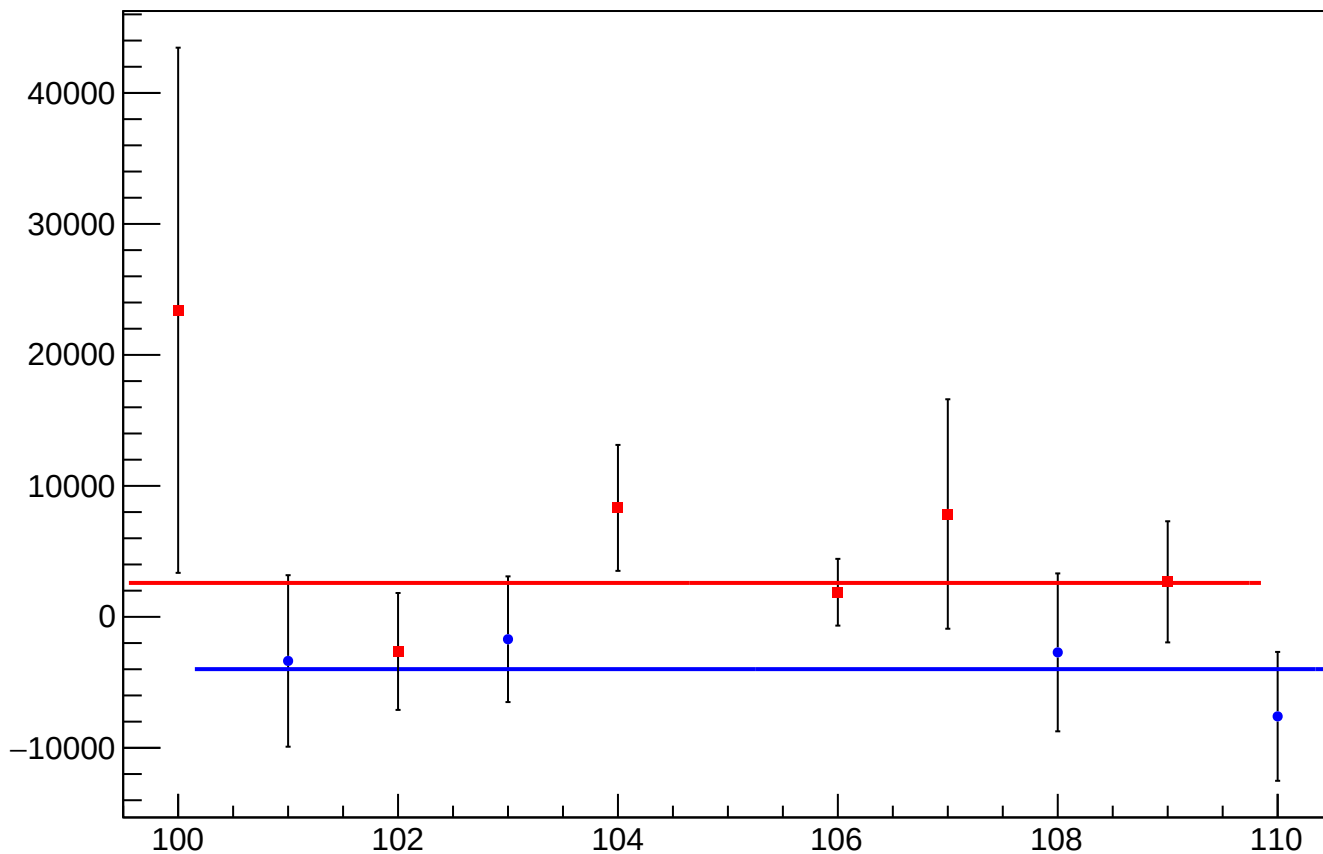
Right: 1834.397+/-0.675 χ^2/NDF : 800609.8/9

In: 1838.818+/-1.002 χ^2/NDF : 636746.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1834.397+/-0.675 χ^2/NDF : 800609.8/9

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3990.602+/-2715.823 χ^2/NDF : 0.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2591.001+/-1796.800 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

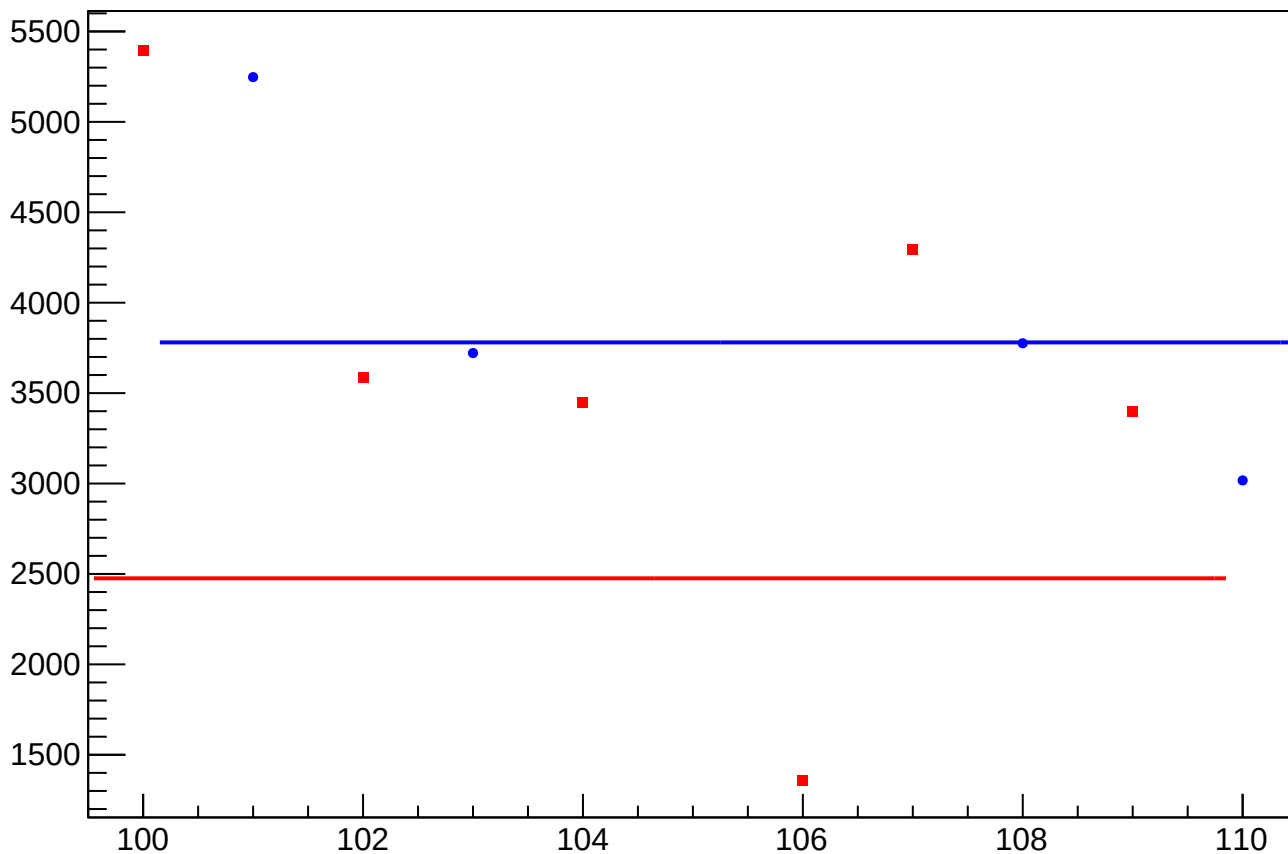
Right: 587.204+/-1498.520 χ^2/NDF : 9.2/9

In: -3990.602+/-2715.823 χ^2/NDF : 0.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 587.204+/-1498.520 χ^2/NDF : 9.2/9

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3780.446+/-1.920 χ^2/NDF : 148815.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2475.858+/-1.271 χ^2/NDF : 799695.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

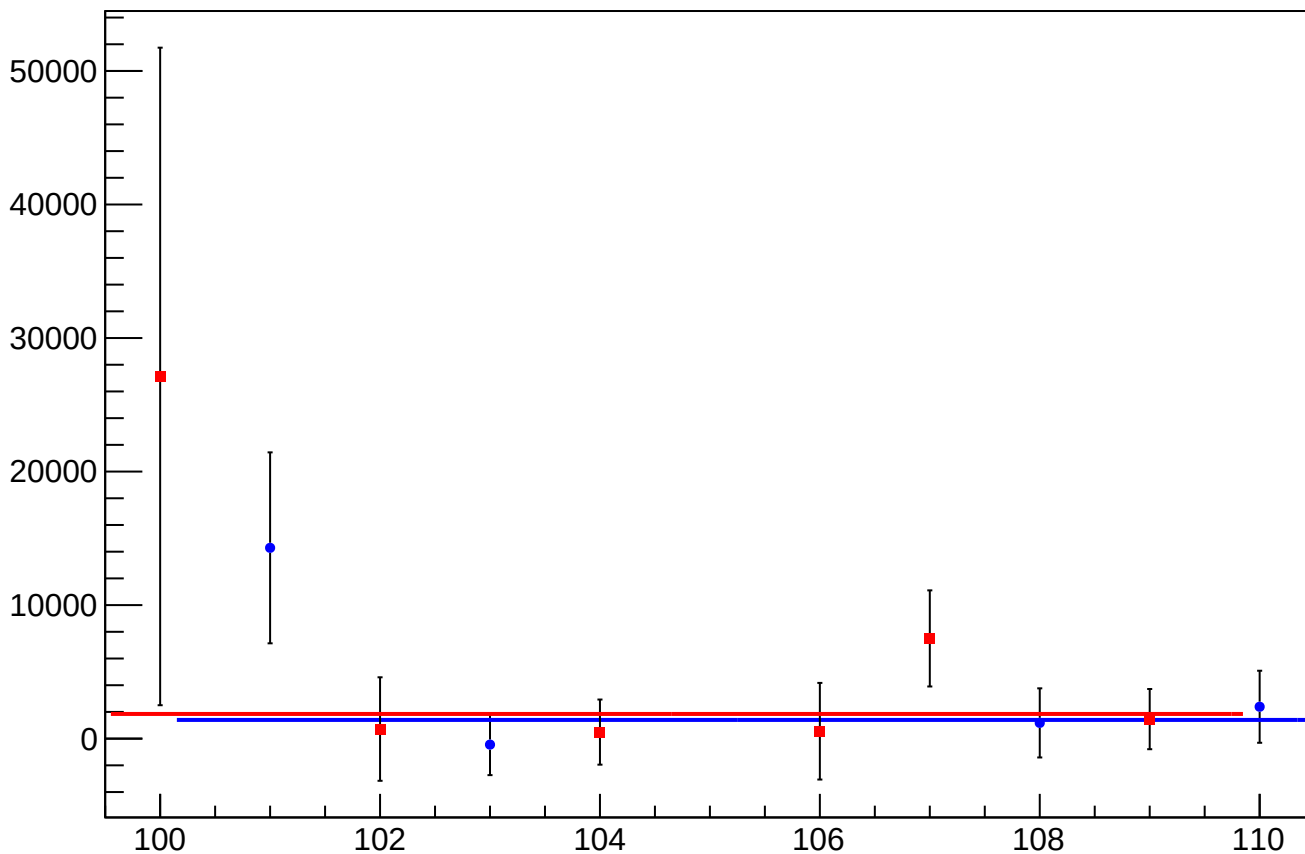
Right: 2873.046+/-1.060 χ^2/NDF : 1269506.9/9

In: 3780.446+/-1.920 χ^2/NDF : 148815.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2873.046+/-1.060 χ^2/NDF : 1269506.9/9

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1401.009+/-1417.286 χ^2/NDF : 4.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.279+/-1305.555 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

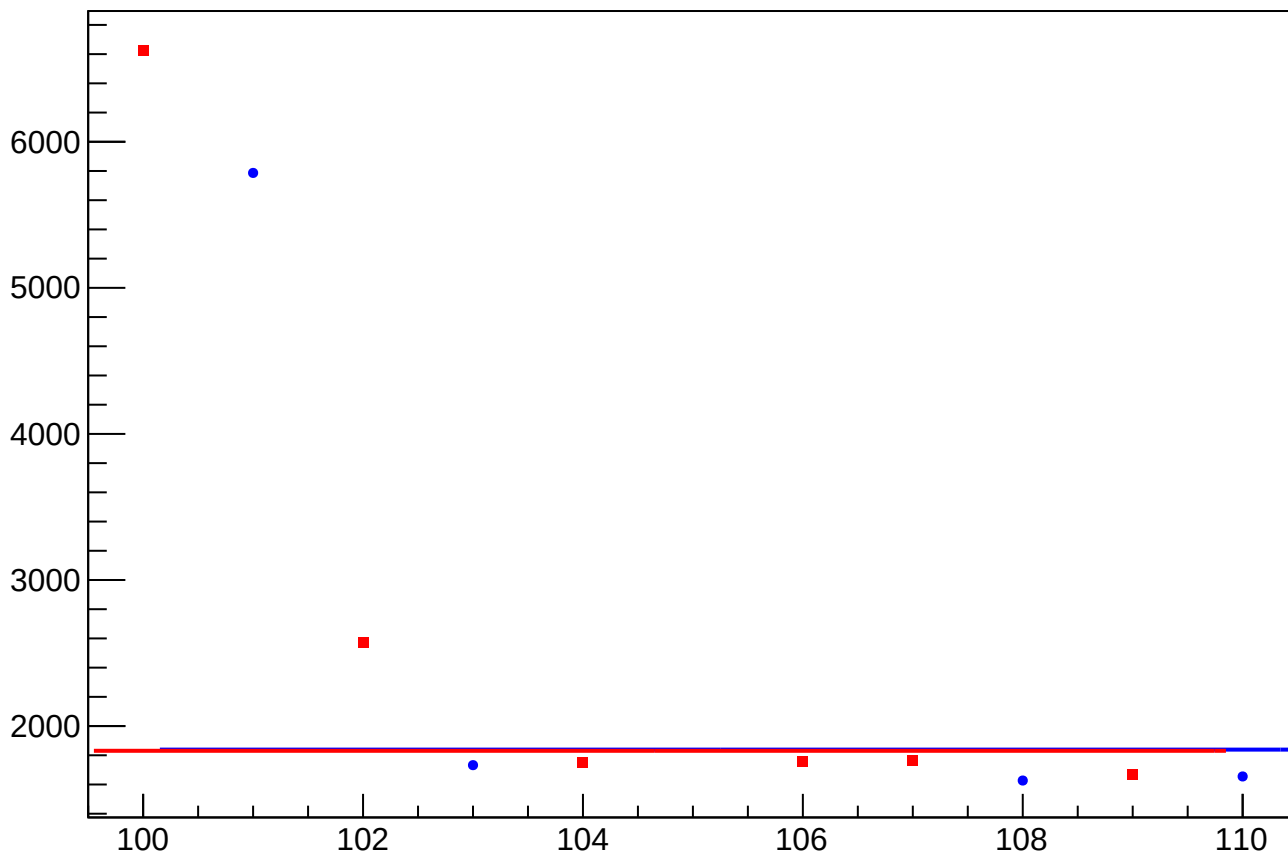
Right: 1642.967+/-960.240 χ^2/NDF : 8.2/9

In: 1401.009+/-1417.286 χ^2/NDF : 4.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1642.967+/-960.240 χ^2/NDF : 8.2/9

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1838.818+/-1.002 χ^2/NDF : 636746.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1830.722+/-0.914 χ^2/NDF : 163827.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

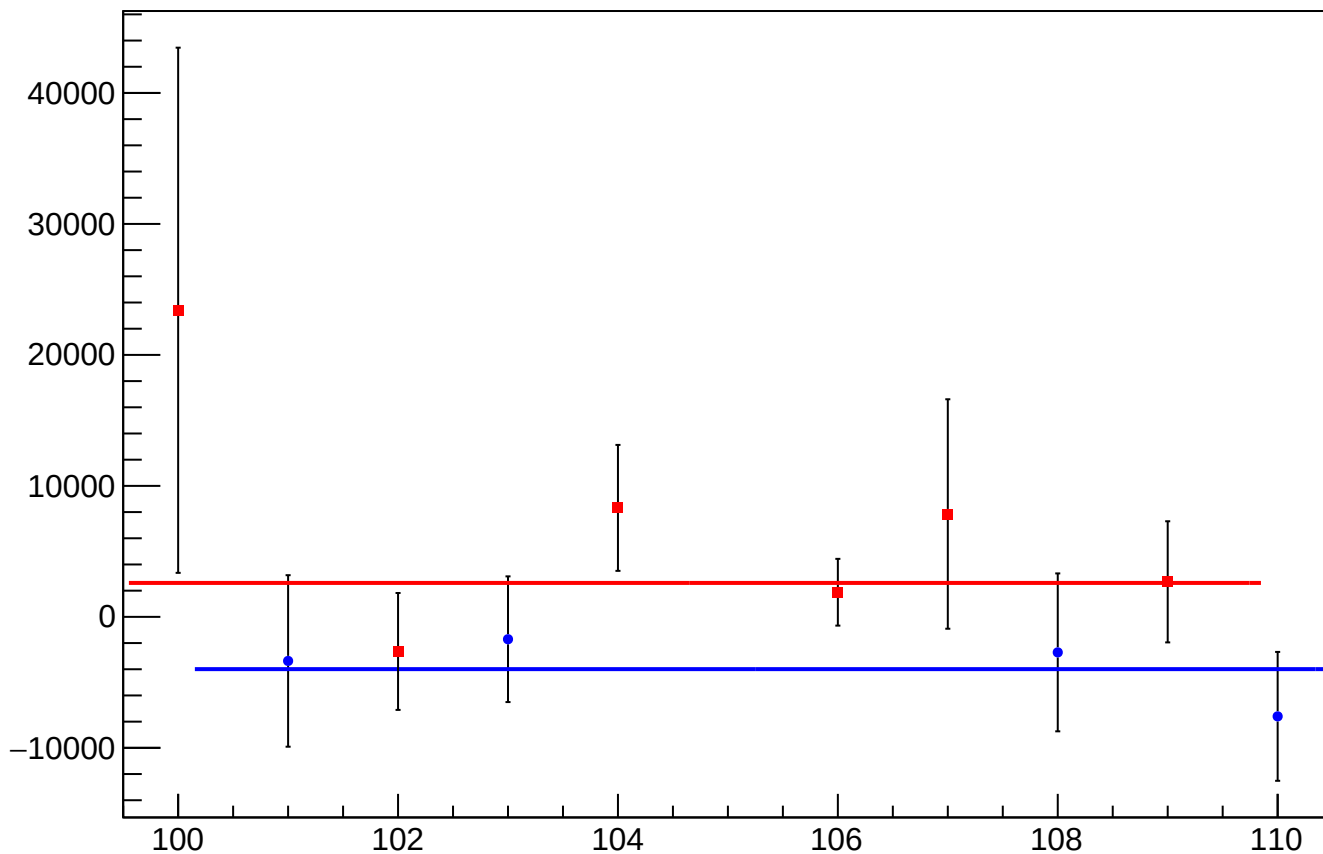
Right: 1834.396+/-0.675 χ^2/NDF : 800609.6/9

In: 1838.818+/-1.002 χ^2/NDF : 636746.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1834.396+/-0.675 χ^2/NDF : 800609.6/9

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3990.593+/-2715.817 χ^2/NDF : 0.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2590.988+/-1796.792 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

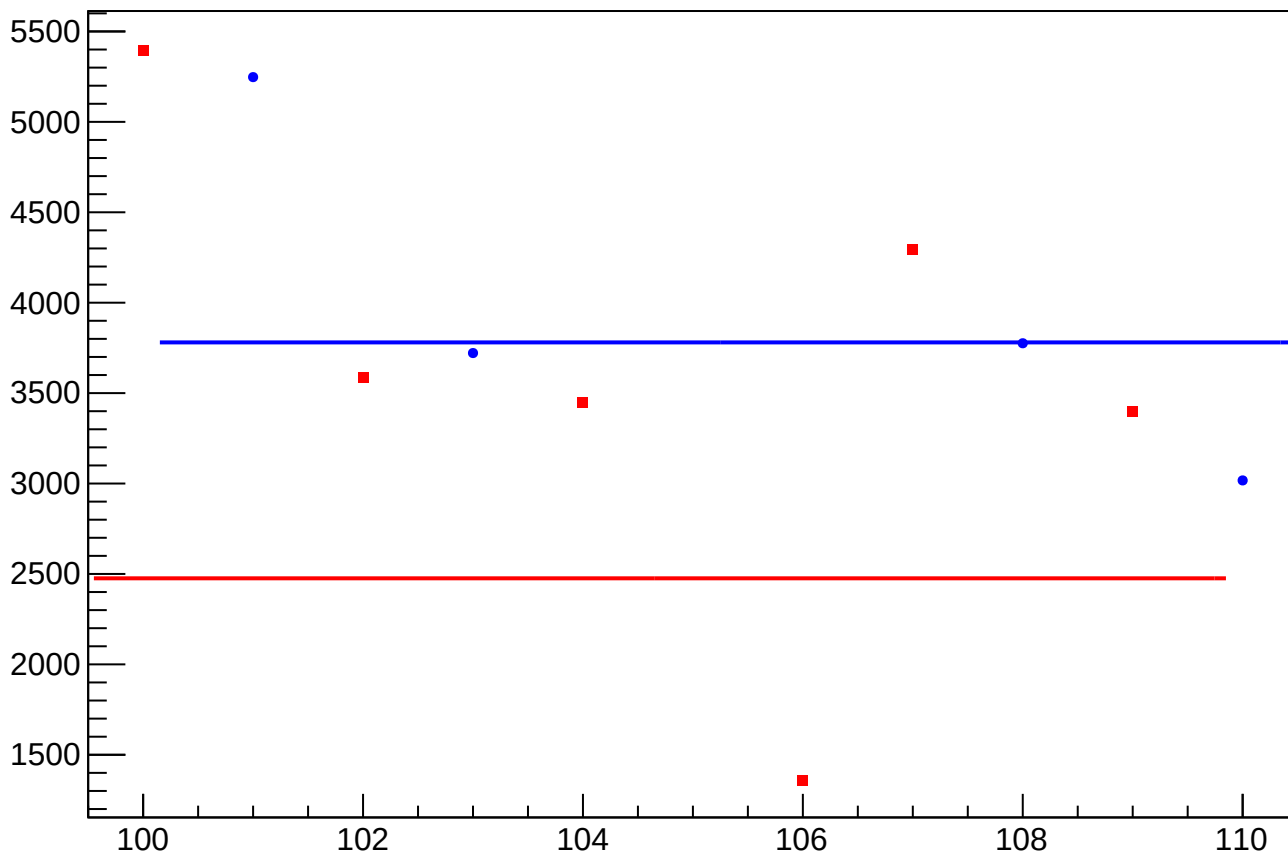
Right: 587.204+/-1498.514 χ^2/NDF : 9.2/9

In: -3990.593+/-2715.817 χ^2/NDF : 0.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 587.204+/-1498.514 χ^2/NDF : 9.2/9

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3780.437+/-1.920 χ^2/NDF : 148816.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2475.842+/-1.271 χ^2/NDF : 799707.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

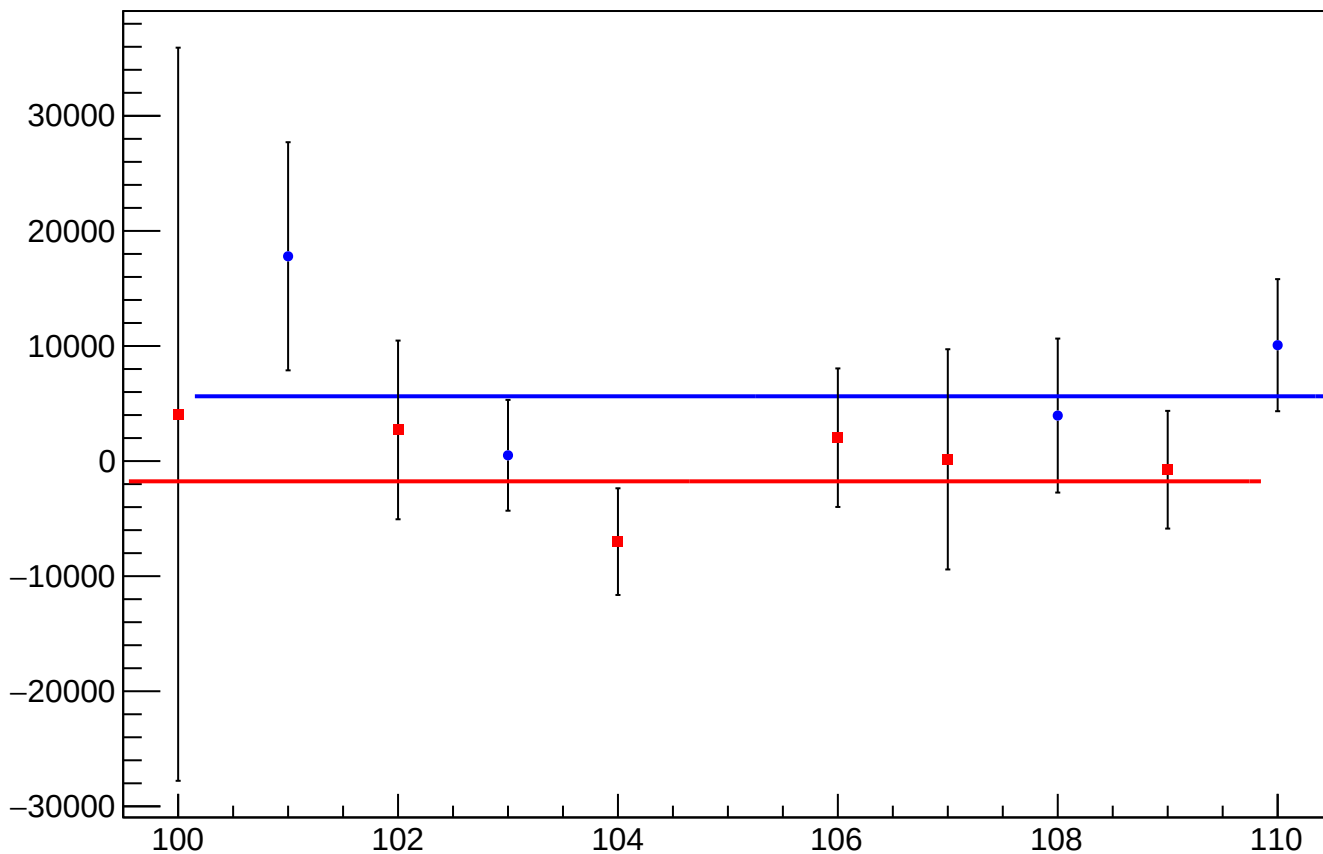
Right: 2873.031+/-1.060 χ^2/NDF : 1269525.6/9

In: 3780.437+/-1.920 χ^2/NDF : 148816.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2873.031+/-1.060 χ^2/NDF : 1269525.6/9

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 5630.701+/-3071.056 χ^2/NDF : 3.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1758.891+/-2664.412 χ^2/NDF : 2.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

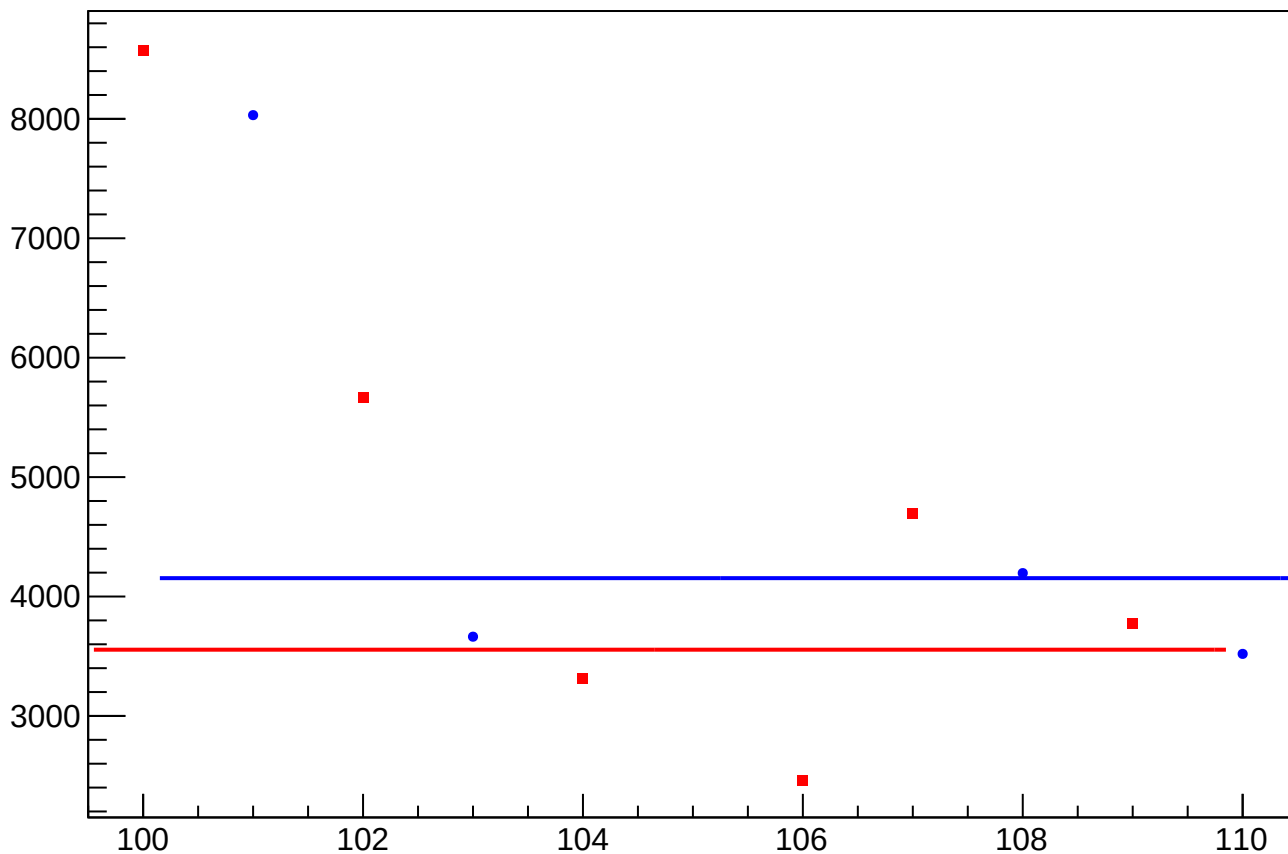
Right: 1414.604+/-2012.549 χ^2/NDF : 8.7/9

In: 5630.701+/-3071.056 χ^2/NDF : 3.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1414.604+/-2012.549 χ^2/NDF : 8.7/9

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 4153.858+/-2.172 χ^2/NDF : 351283.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3554.745+/-1.777 χ^2/NDF : 342537.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

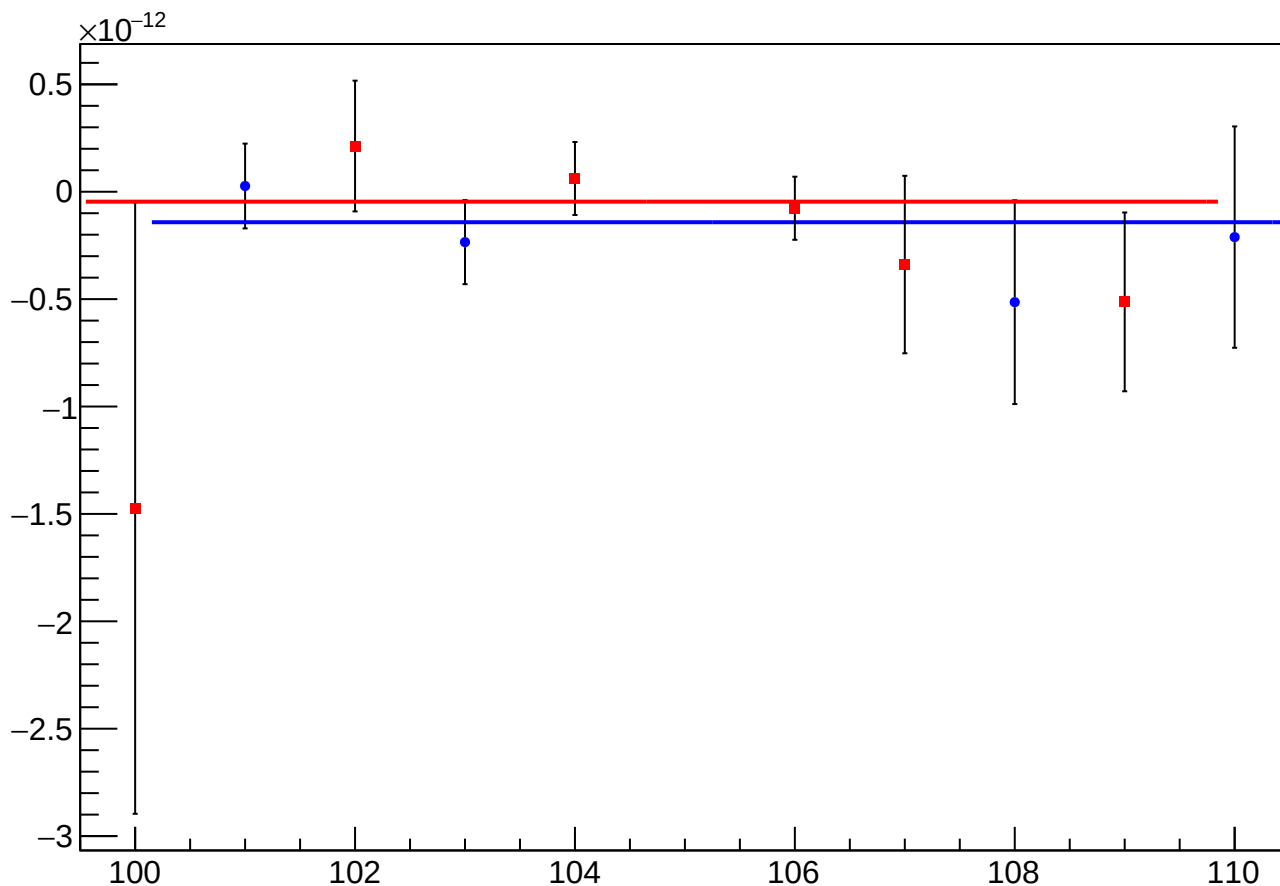
Right: 3795.018+/-1.375 χ^2/NDF : 739411.8/9

In: 4153.858+/-2.172 χ^2/NDF : 351283.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3795.018+/-1.375 χ^2/NDF : 739411.8/9

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

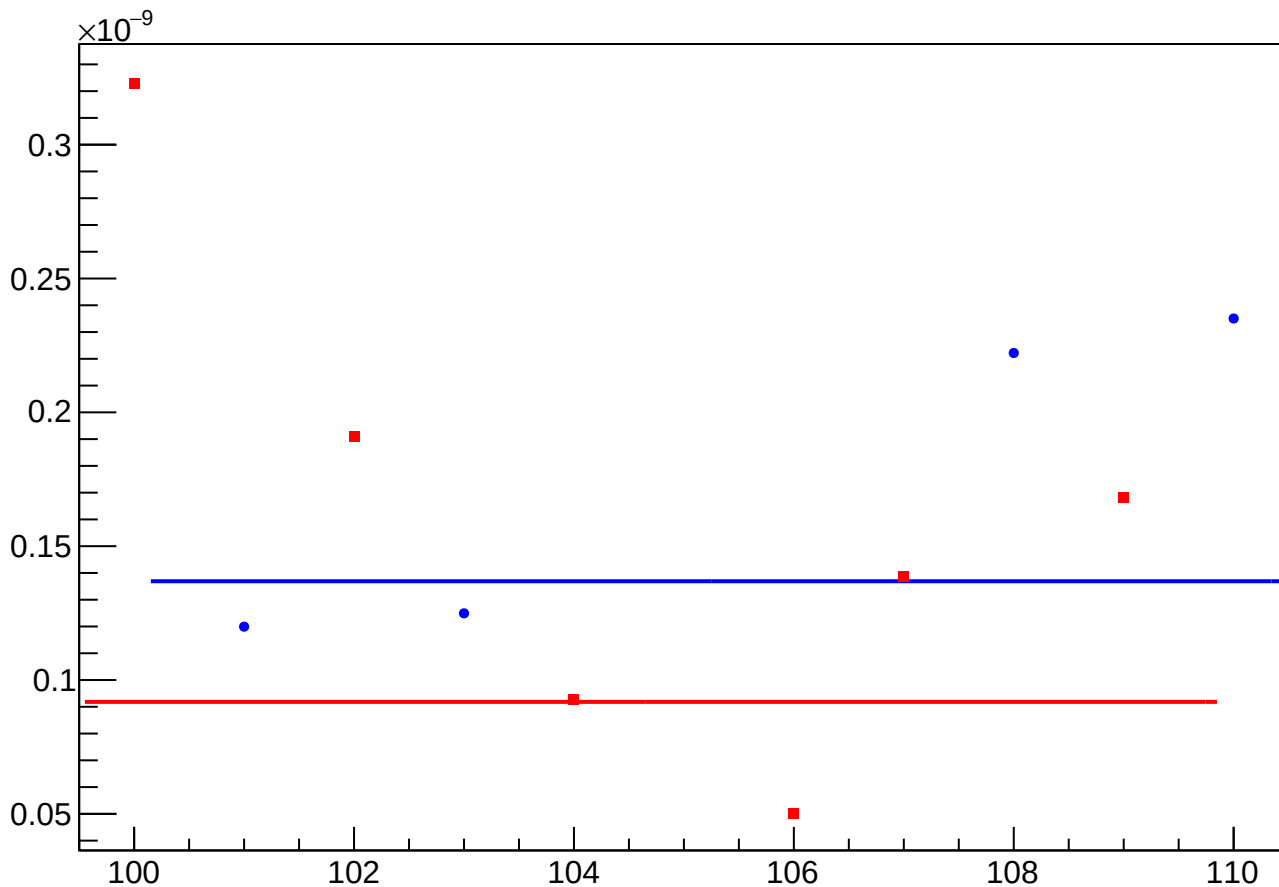
Right: -0.000+/-0.000 χ^2/NDF : 5.9/9

In: -0.000+/-0.000 χ^2/NDF : 1.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.9/9

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 159466.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 519237.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

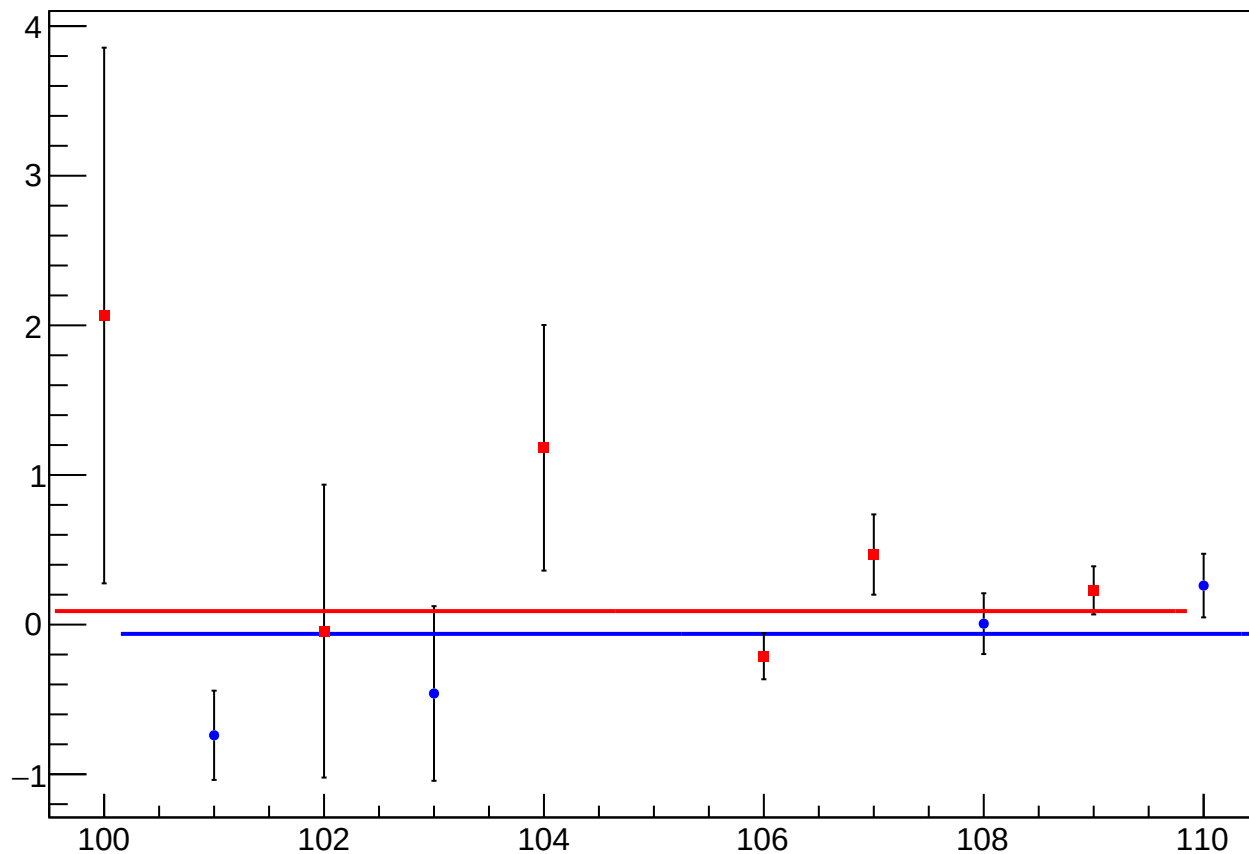
Right: 0.000+/-0.000 χ^2/NDF : 833148.3/9

In: 0.000+/-0.000 χ^2/NDF : 159466.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 833148.3/9

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062 ± 0.129 χ^2/NDF : 8.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.090 ± 0.101 χ^2/NDF : 9.6/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

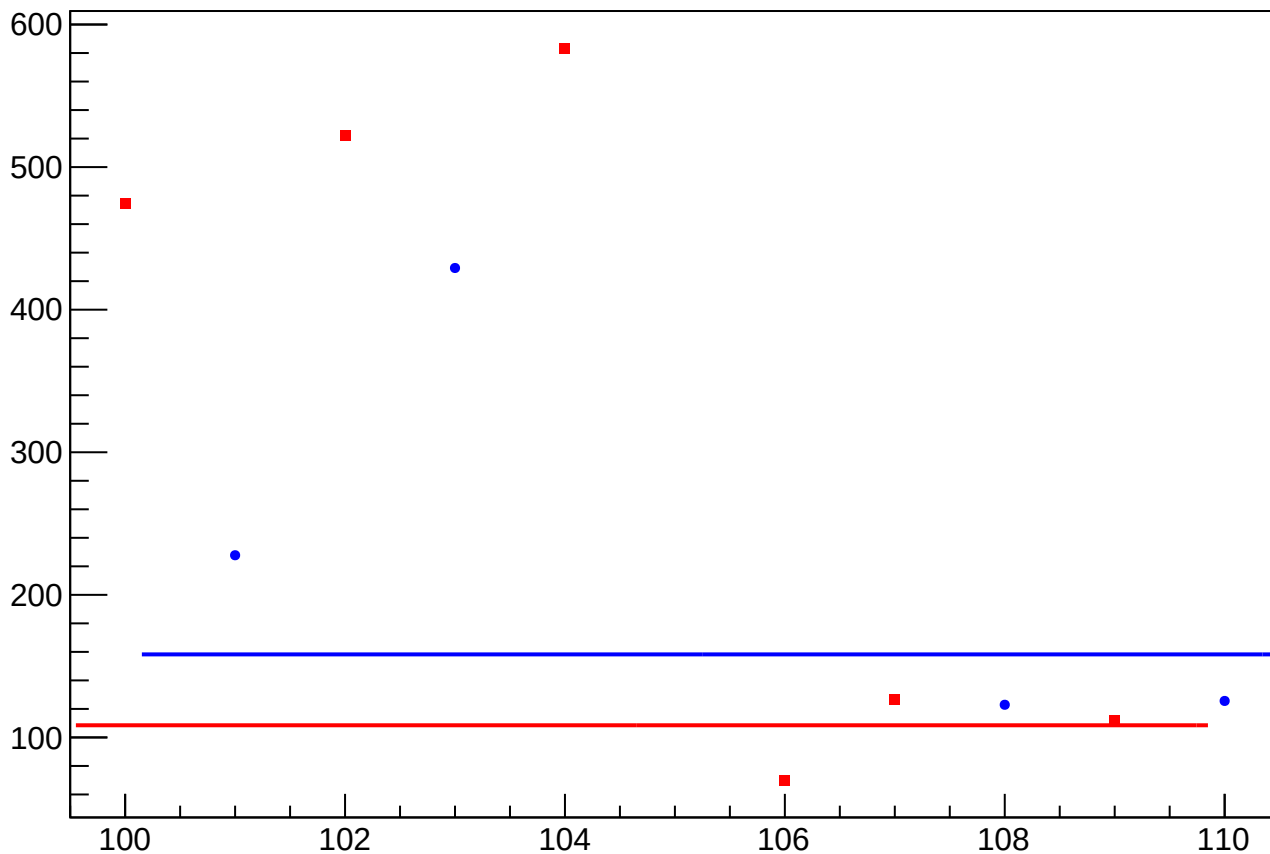
Right: 0.032 ± 0.080 χ^2/NDF : 18.5/9

In: -0.062 ± 0.129 χ^2/NDF : 8.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.032 ± 0.080 χ^2/NDF : 18.5/9

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.245+/-0.091 χ^2/NDF : 647797.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.529+/-0.072 χ^2/NDF : 1246704.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

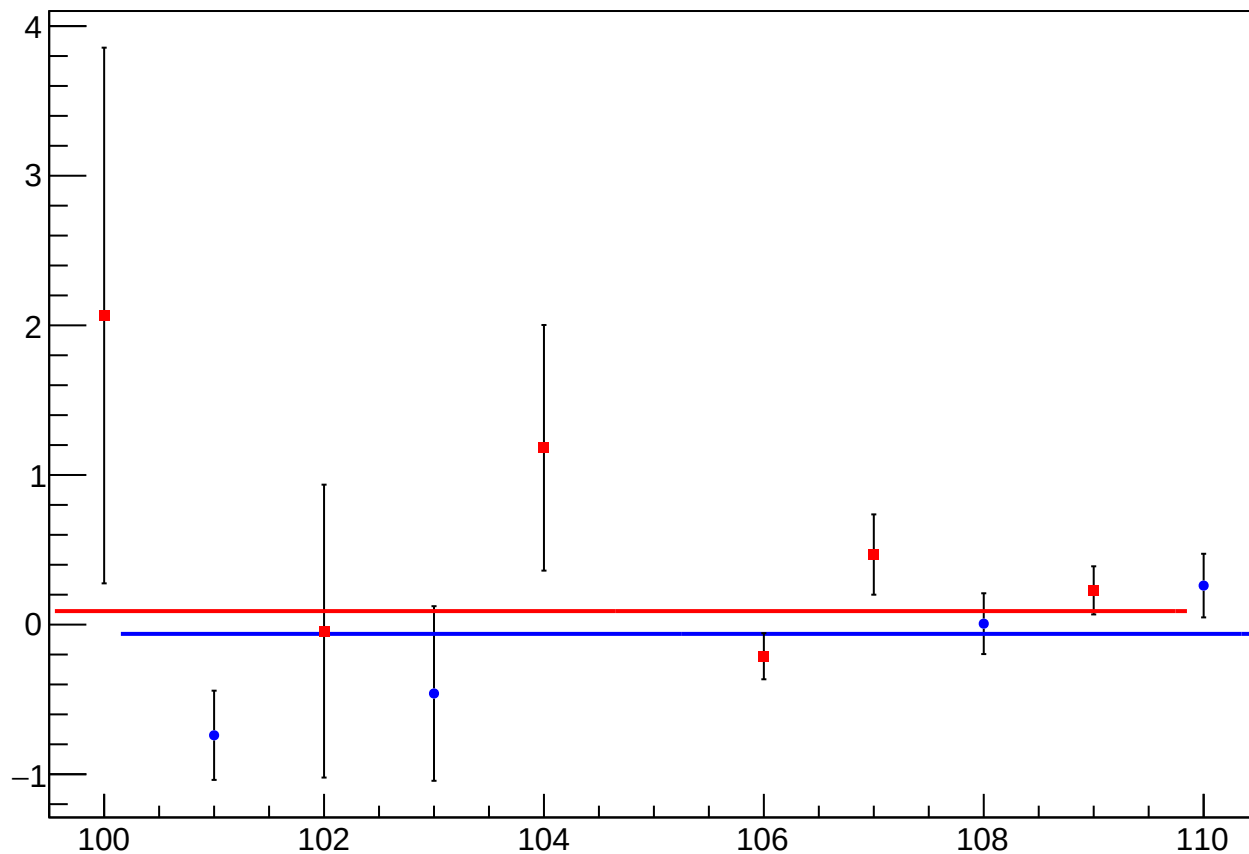
Right: 127.572+/-0.056 χ^2/NDF : 2079149.4/9

In: 158.245+/-0.091 χ^2/NDF : 647797.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.572+/-0.056 χ^2/NDF : 2079149.4/9

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062 $\pm$ 0.129 χ^2 /NDF: 8.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.090 $\pm$ 0.101 χ^2 /NDF: 9.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

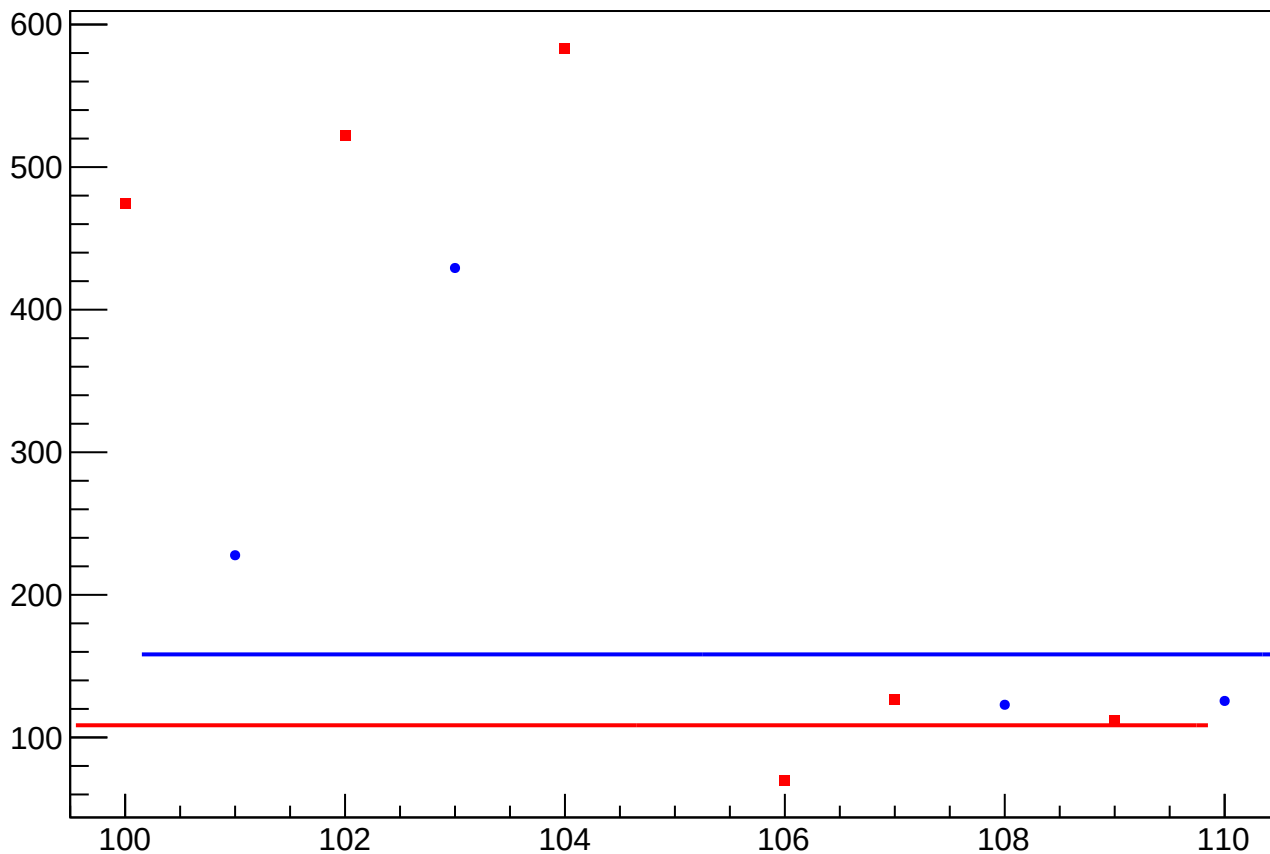
Right: 0.032 $\pm$ 0.080 χ^2 /NDF: 18.5/9

In: -0.062 $\pm$ 0.129 χ^2 /NDF:8.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.032 $\pm$ 0.080 χ^2 /NDF: 18.5/9

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.245+/-0.091 χ^2/NDF : 647797.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.529+/-0.072 χ^2/NDF : 1246704.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

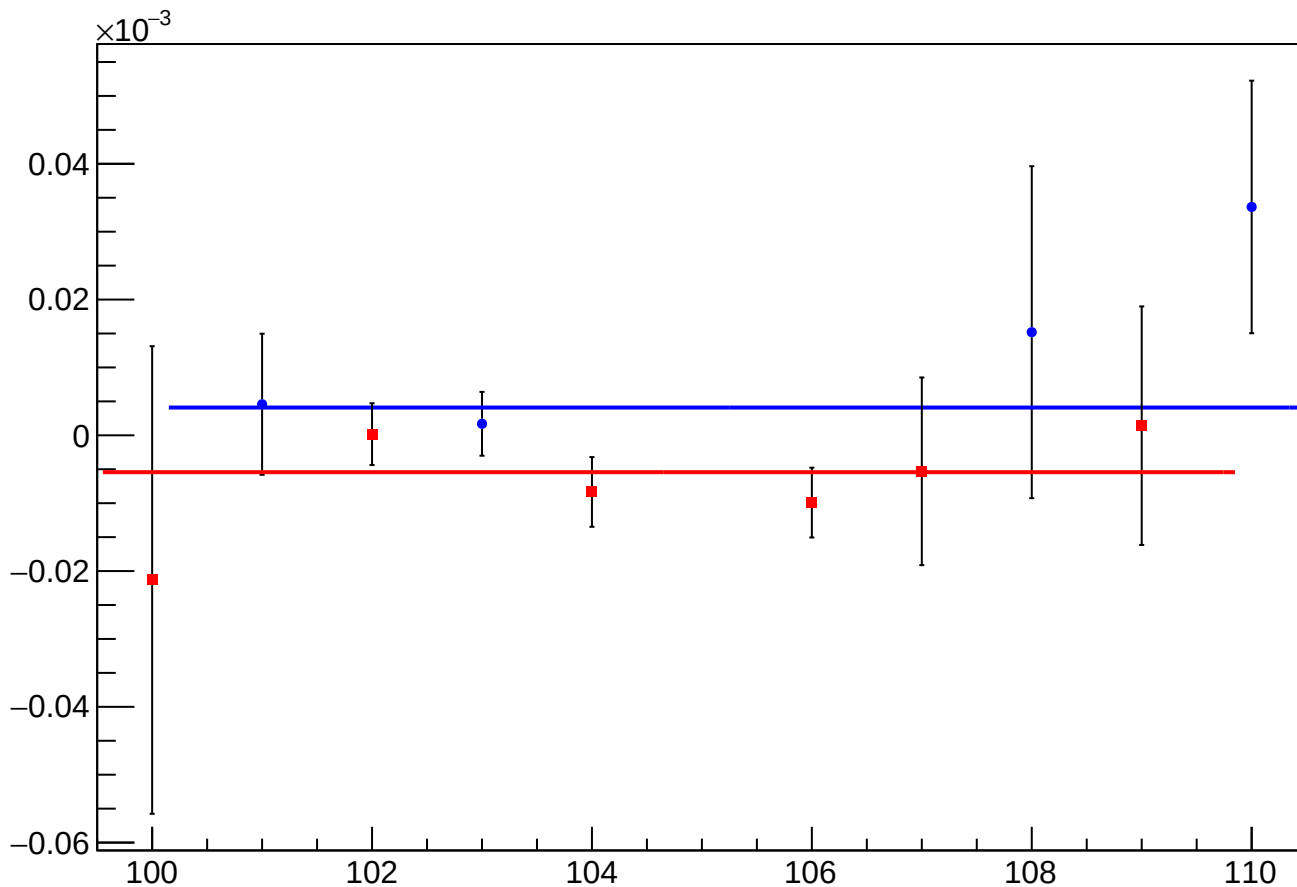
Right: 127.572+/-0.056 χ^2/NDF : 2079149.4/9

In: 158.245+/-0.091 χ^2/NDF : 647797.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.572+/-0.056 χ^2/NDF : 2079149.4/9

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

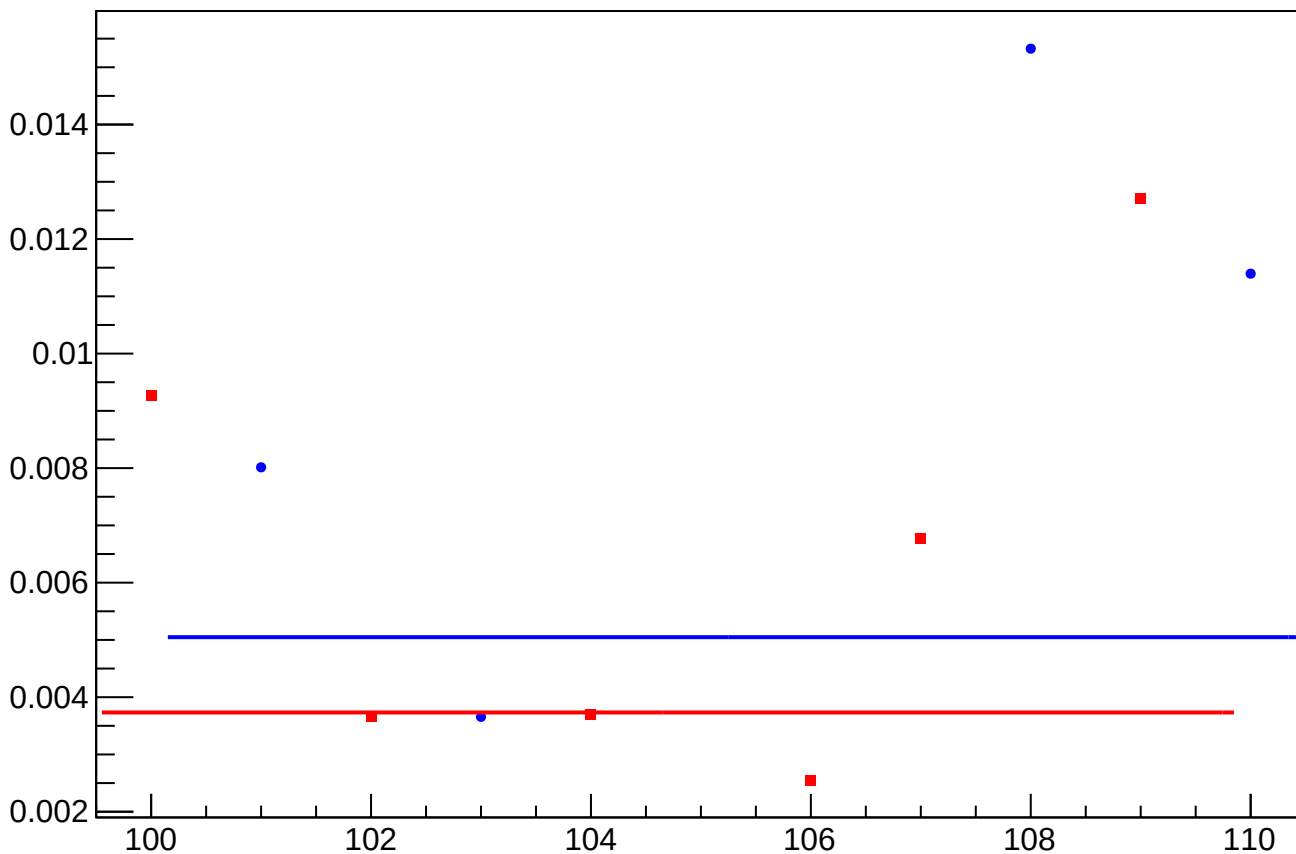
Right: -0.000+/-0.000 χ^2/NDF : 9.7/9

In: 0.000+/-0.000 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.7/9

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 924314.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 778179.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

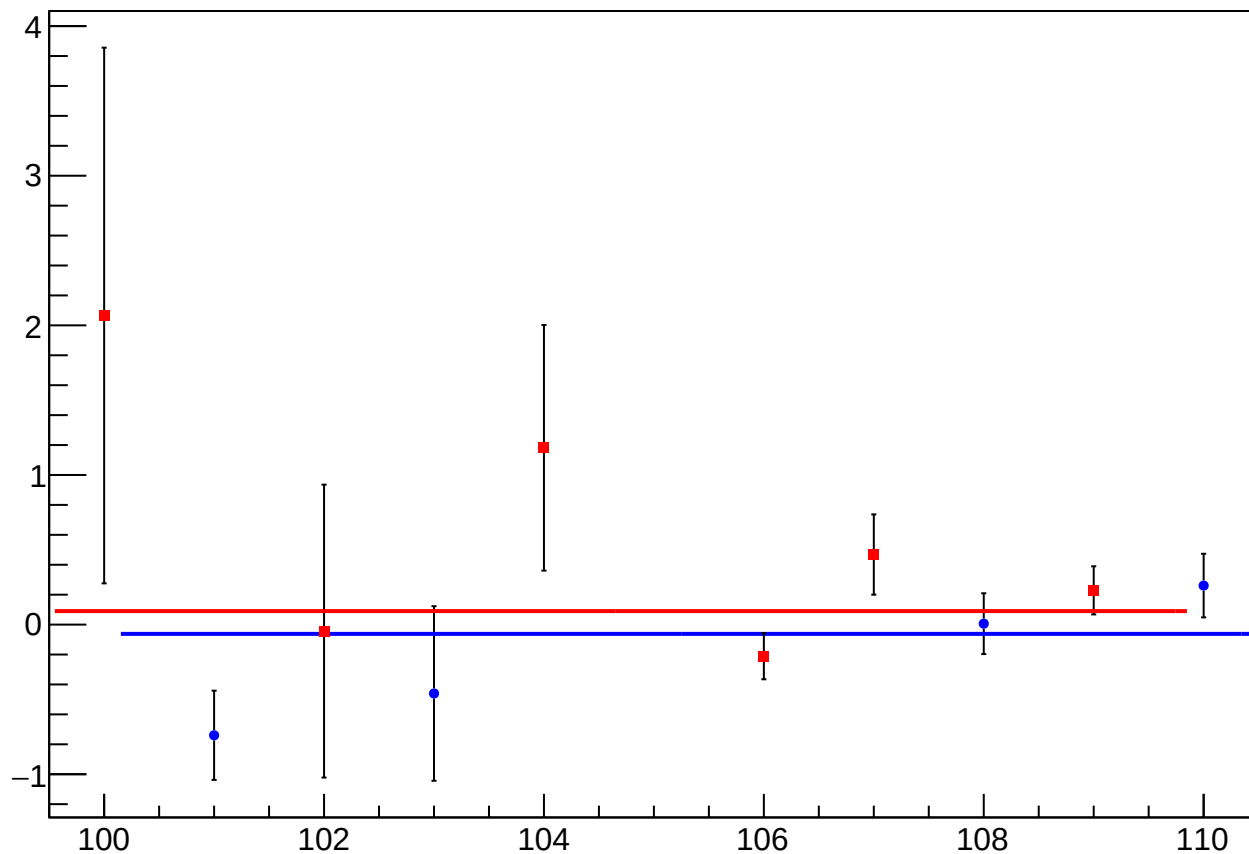
Right: 0.004+/-0.000 χ^2/NDF : 1843979.2/9

In: 0.005+/-0.000 χ^2/NDF : 924314.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1843979.2/9

asym_atr1l2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: -0.062 ± 0.129 χ^2/NDF : 8.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.090 ± 0.101 χ^2/NDF : 9.6/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

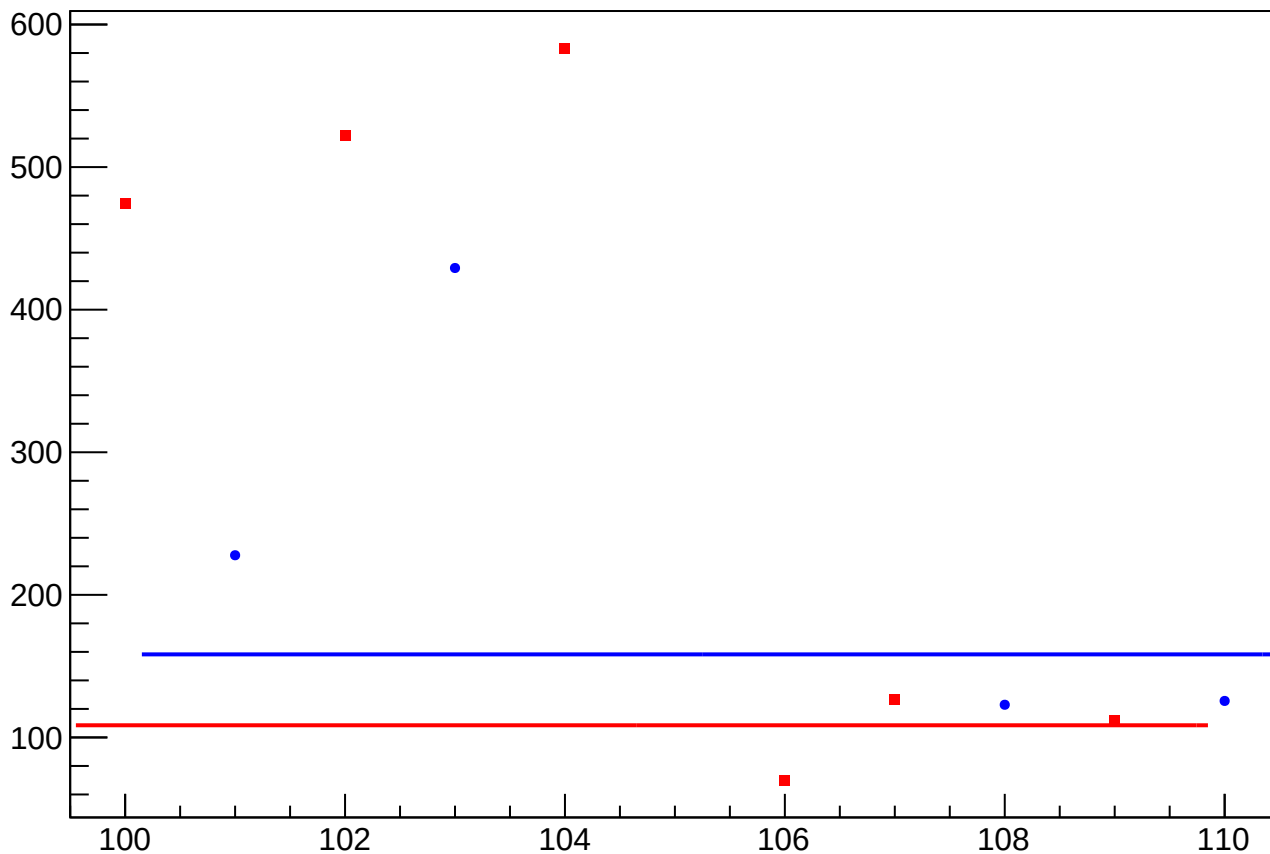
Right: 0.032 ± 0.080 χ^2/NDF : 18.5/9

In: -0.062 ± 0.129 χ^2/NDF : 8.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.032 ± 0.080 χ^2/NDF : 18.5/9

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.254+/-0.091 χ^2/NDF : 647724.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.530+/-0.072 χ^2/NDF : 1246693.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

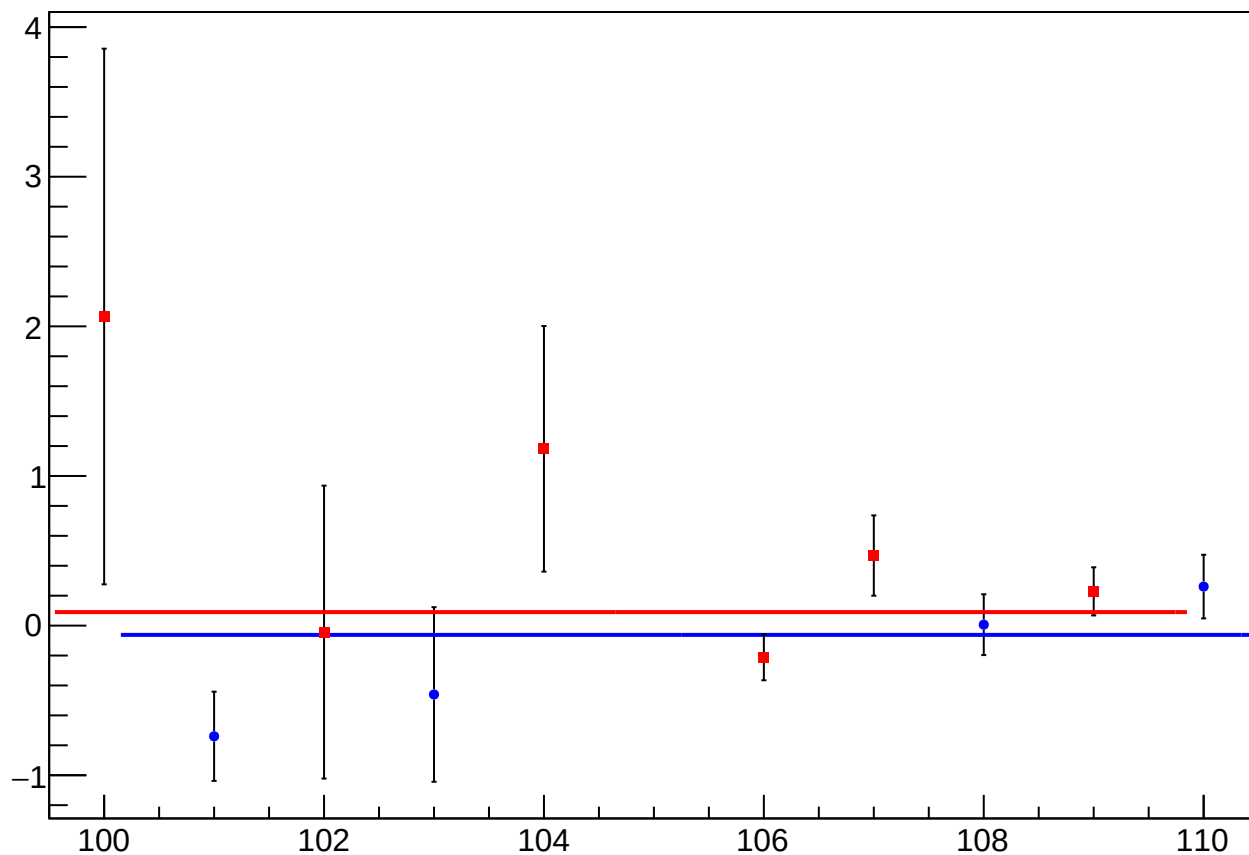
Right: 127.575+/-0.056 χ^2/NDF : 2079111.5/9

In: 158.254+/-0.091 χ^2/NDF : 647724.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.575+/-0.056 χ^2/NDF : 2079111.5/9

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062 $\pm$ 0.129 χ^2 /NDF: 8.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.090 $\pm$ 0.101 χ^2 /NDF: 9.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

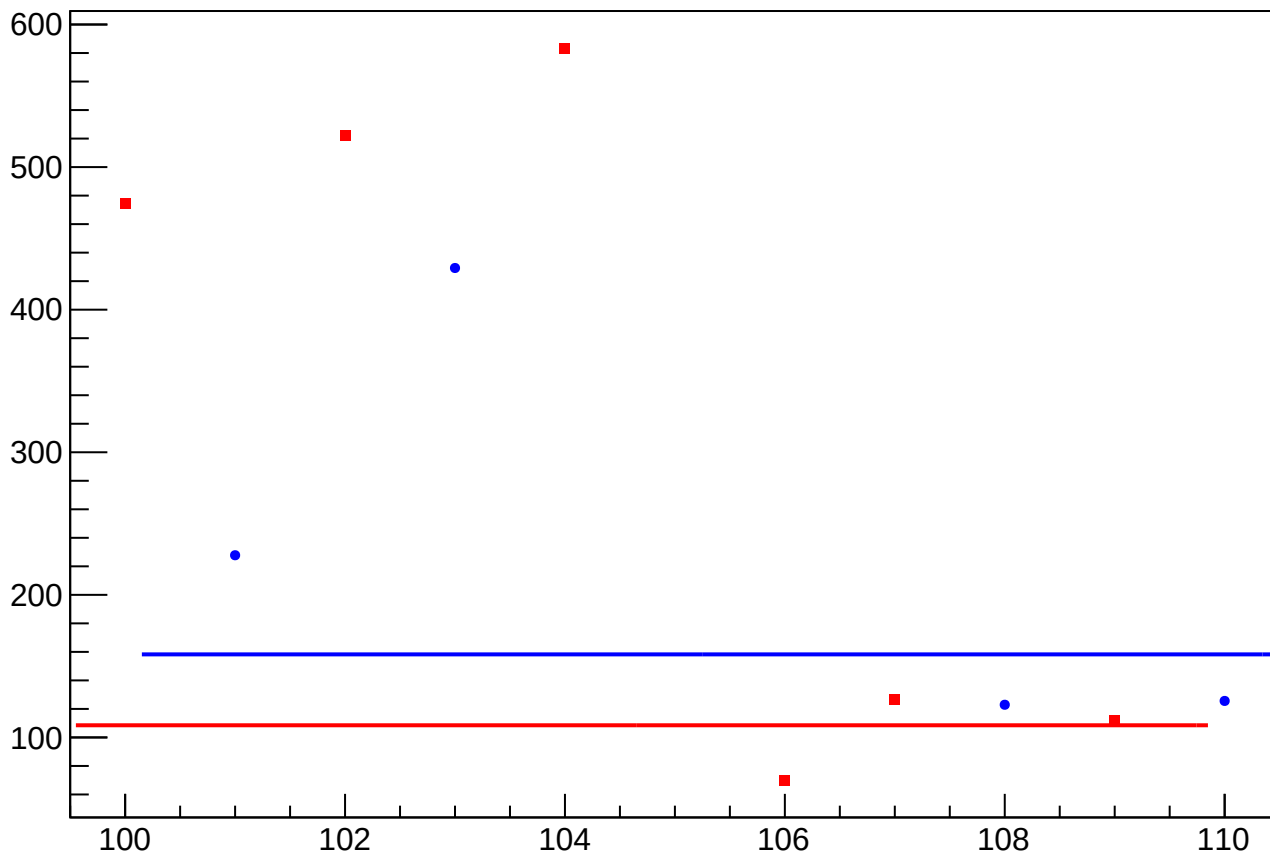
Right: 0.032 $\pm$ 0.080 χ^2 /NDF: 18.5/9

In: -0.062 $\pm$ 0.129 χ^2 /NDF:8.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.032 $\pm$ 0.080 χ^2 /NDF: 18.5/9

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.254 $\pm$ 0.091 χ^2 /NDF: 647724.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 108.530 $\pm$ 0.072 χ^2 /NDF: 1246693.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

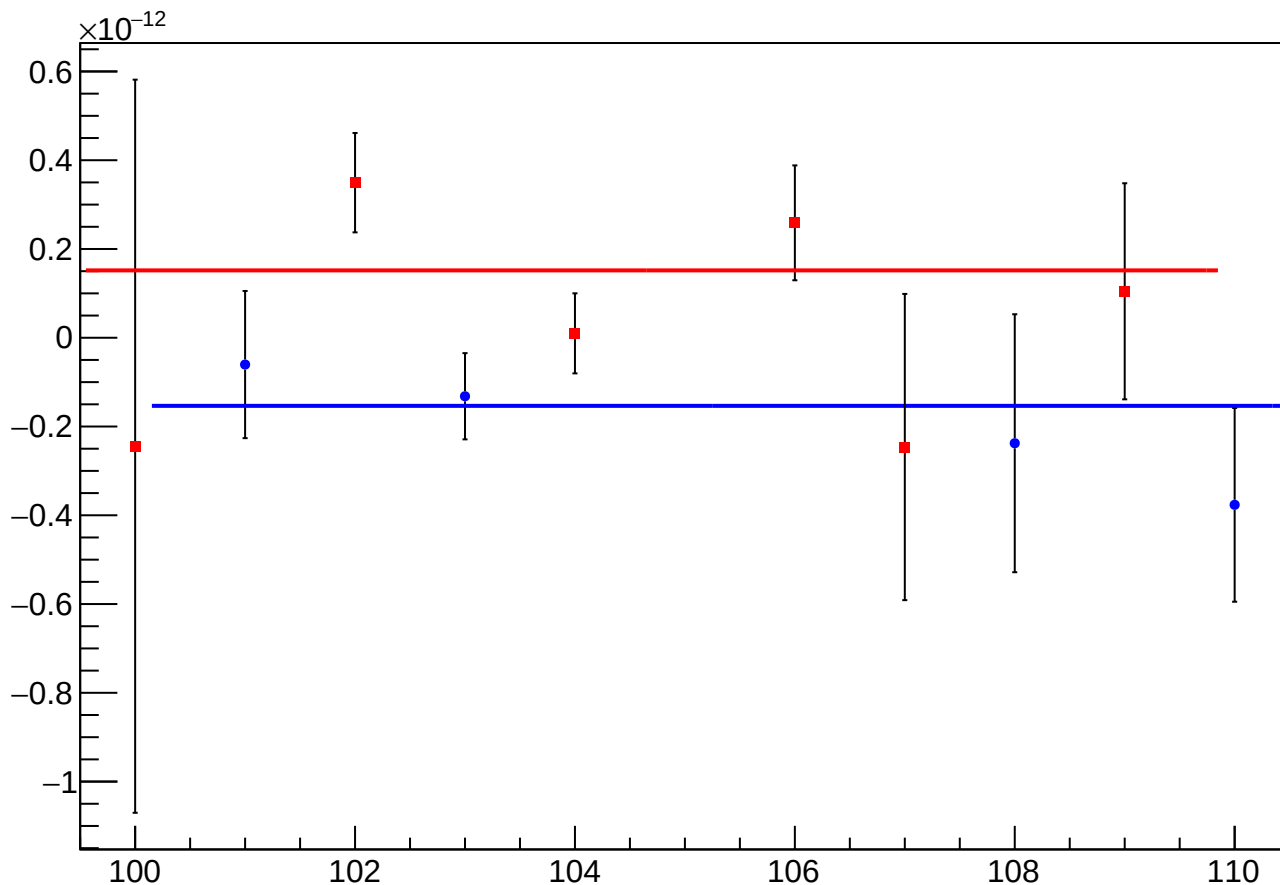
Right: 127.575 $\pm$ 0.056 χ^2 /NDF: 2079111.5/9

In: 158.254 $\pm$ 0.091 χ^2 /NDF:647724.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127.575 $\pm$ 0.056 χ^2 /NDF: 2079111.5/9

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 7.9/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

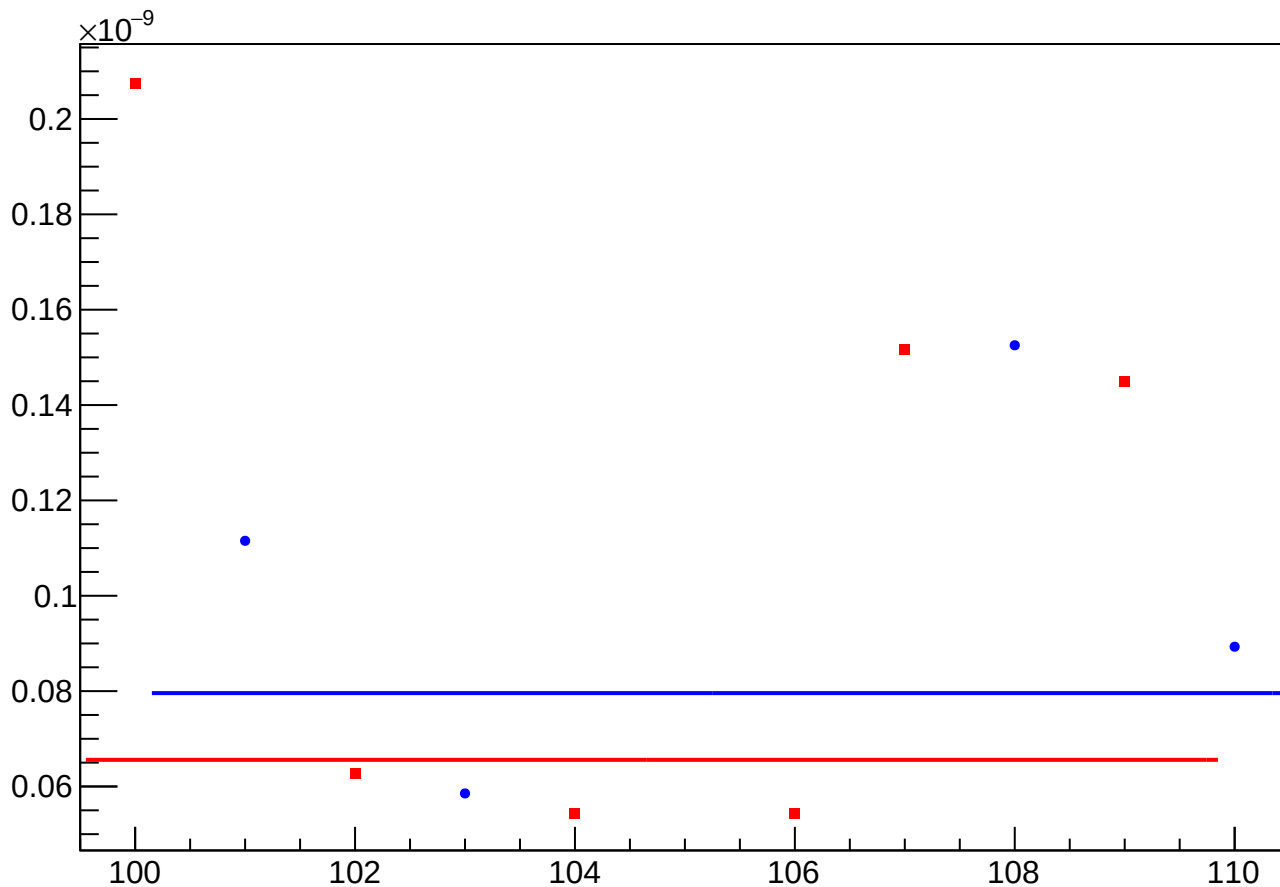
Right: 0.000+/-0.000 χ^2 /NDF: 19.5/9

In: -0.000+/-0.000 χ^2 /NDF:1.5/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 19.5/9

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 298092.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 443845.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

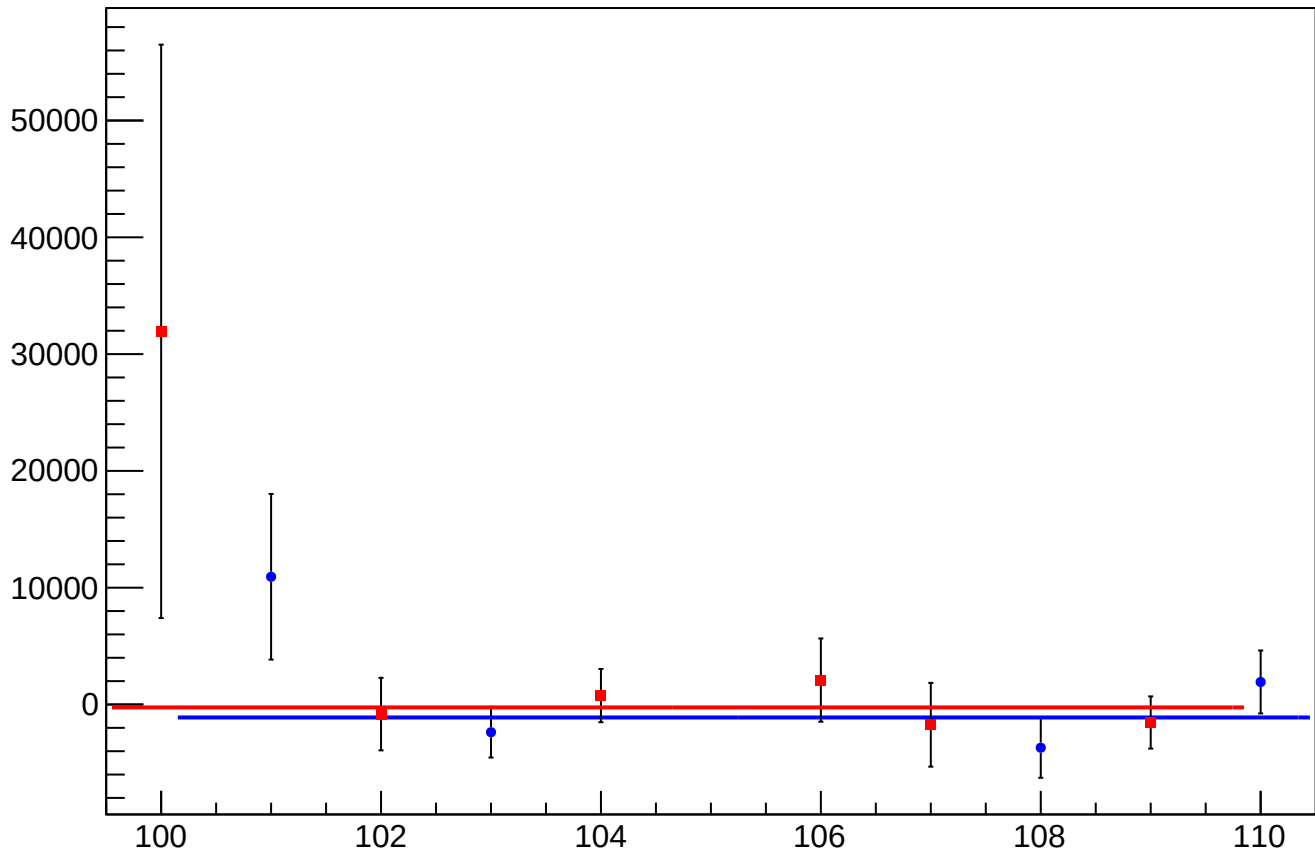
Right: 0.000+/-0.000 χ^2/NDF : 784659.7/9

In: 0.000+/-0.000 χ^2/NDF : 298092.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 784659.7/9

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1112.101+/-1385.539 χ^2/NDF : 5.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.902+/-1236.155 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

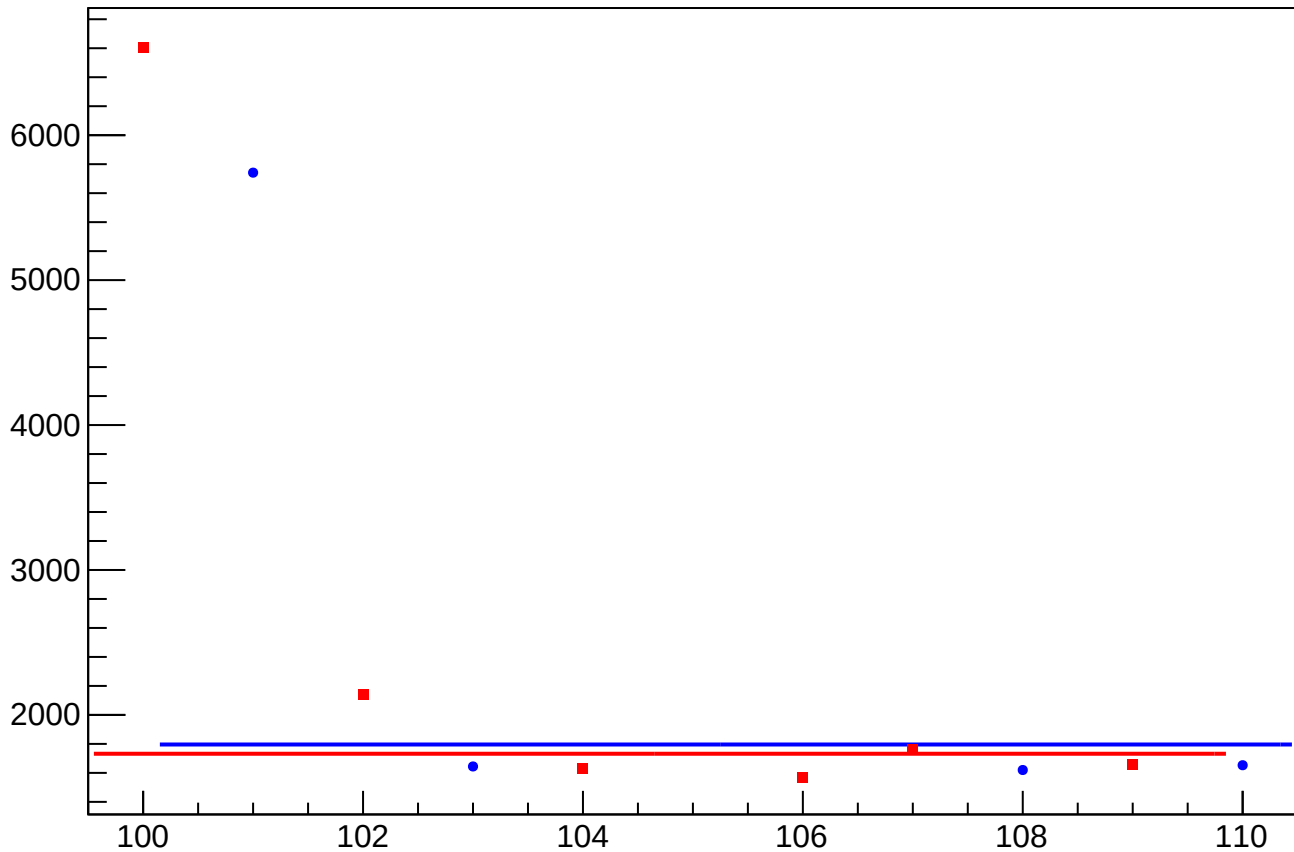
Right: -633.146+/-922.403 χ^2/NDF : 8.6/9

In: -1112.101+/-1385.539 χ^2/NDF : 5.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -633.146+/-922.403 χ^2/NDF : 8.6/9

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1795.874+/-0.980 χ^2/NDF : 643659.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1732.025+/-0.852 χ^2/NDF : 126330.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

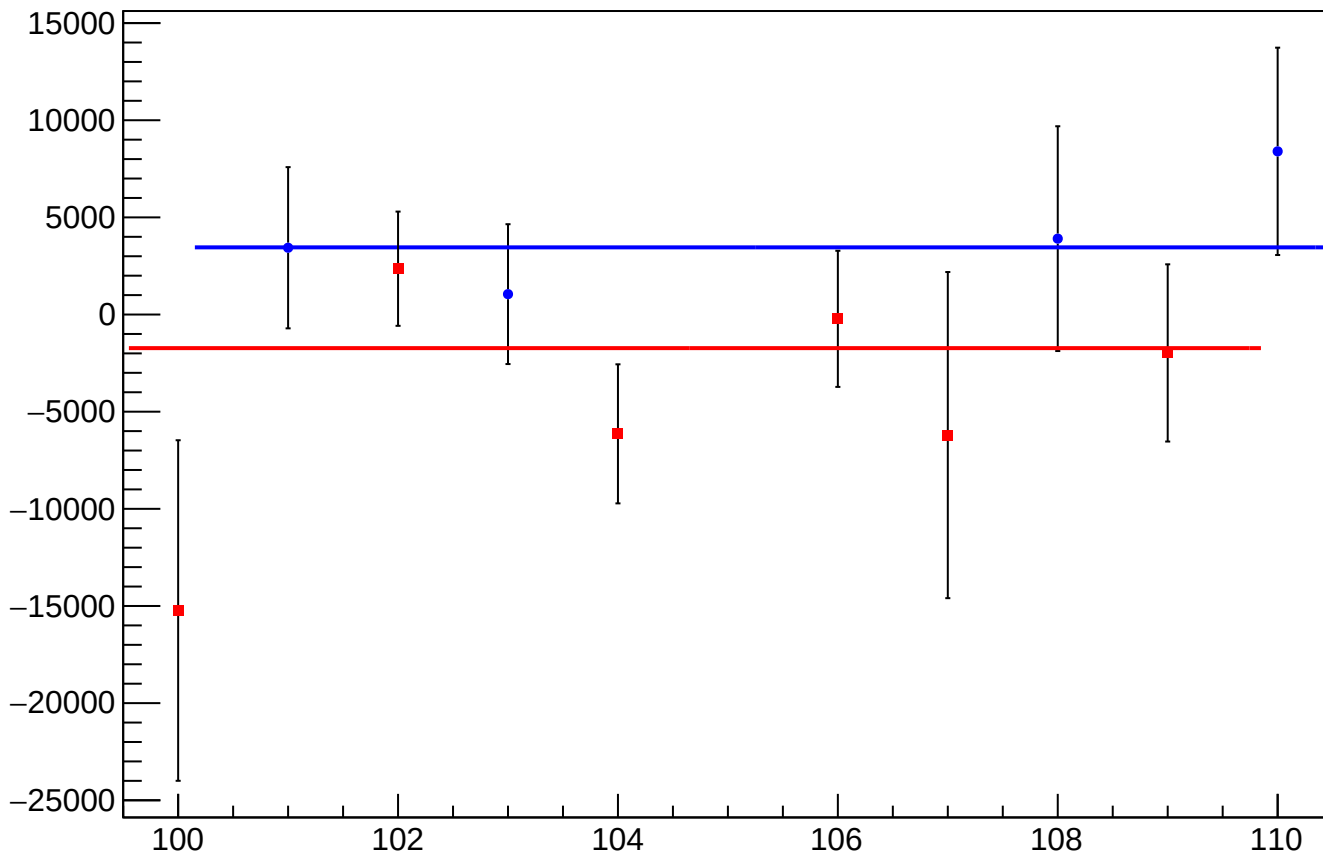
Right: 1759.516+/-0.643 χ^2/NDF : 772409.1/9

In: 1795.874+/-0.980 χ^2/NDF : 643659.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1759.516+/-0.643 χ^2/NDF : 772409.1/9

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3457.384+/-2234.292 χ^2/NDF : 1.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1728.932+/-1688.945 χ^2/NDF : 6.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

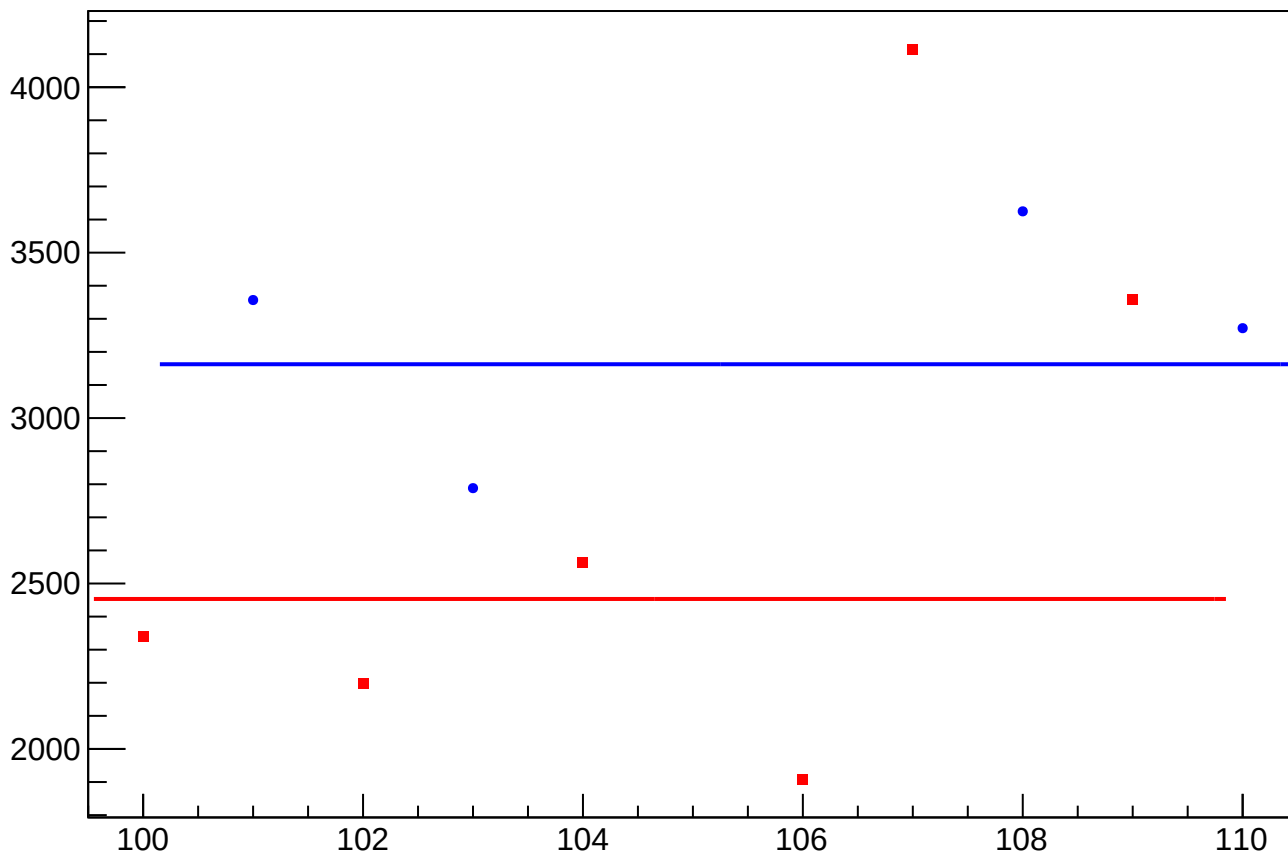
Right: 156.971+/-1347.318 χ^2/NDF : 11.0/9

In: 3457.384+/-2234.292 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.971+/-1347.318 χ^2/NDF : 11.0/9

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3162.706+/-1.580 χ^2/NDF : 39629.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2453.278+/-1.194 χ^2/NDF : 223164.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

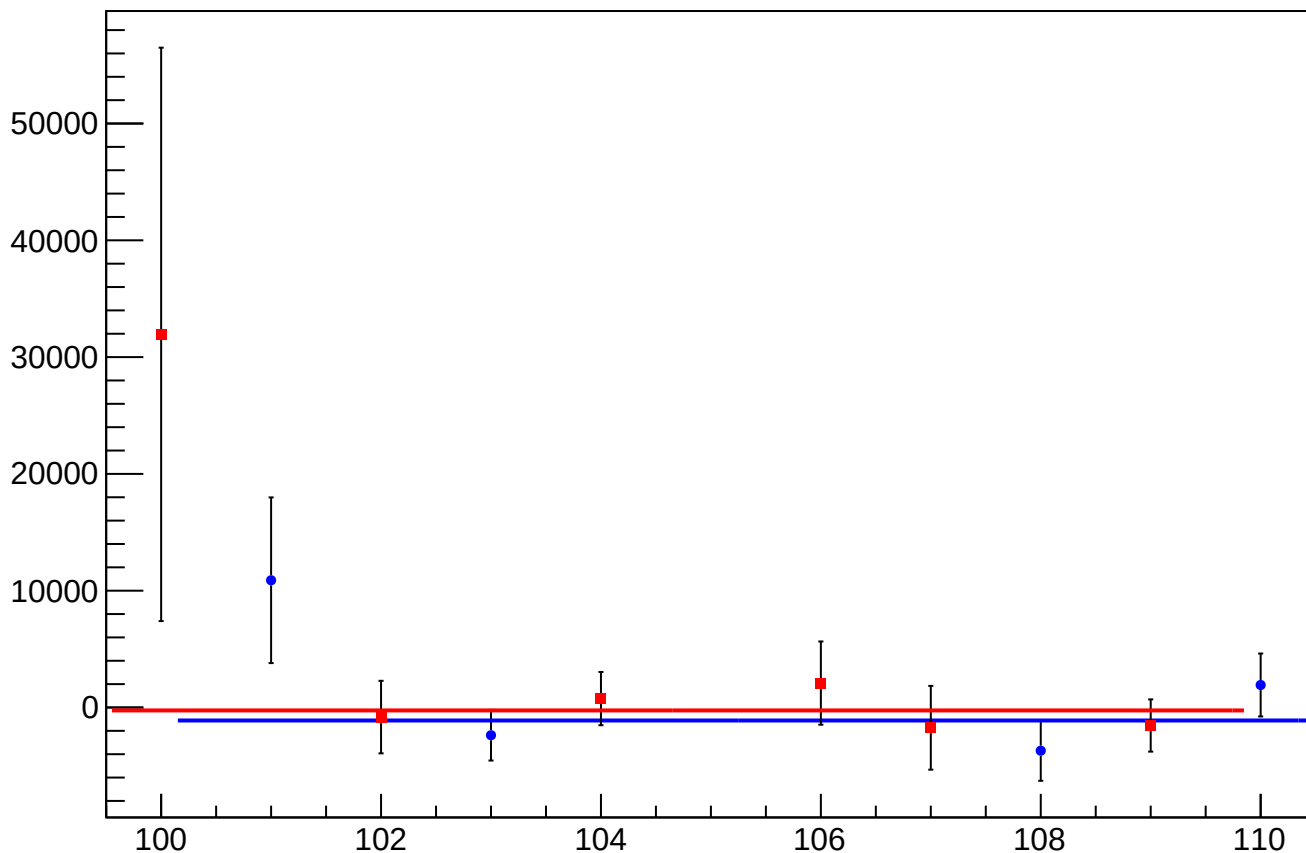
Right: 2711.248+/-0.953 χ^2/NDF : 391108.4/9

In: 3162.706+/-1.580 χ^2/NDF : 39629.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2711.248+/-0.953 χ^2/NDF : 391108.4/9

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1113.764+/-1385.539 χ^2 /NDF: 5.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -251.593+/-1236.155 χ^2 /NDF: 2.9/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

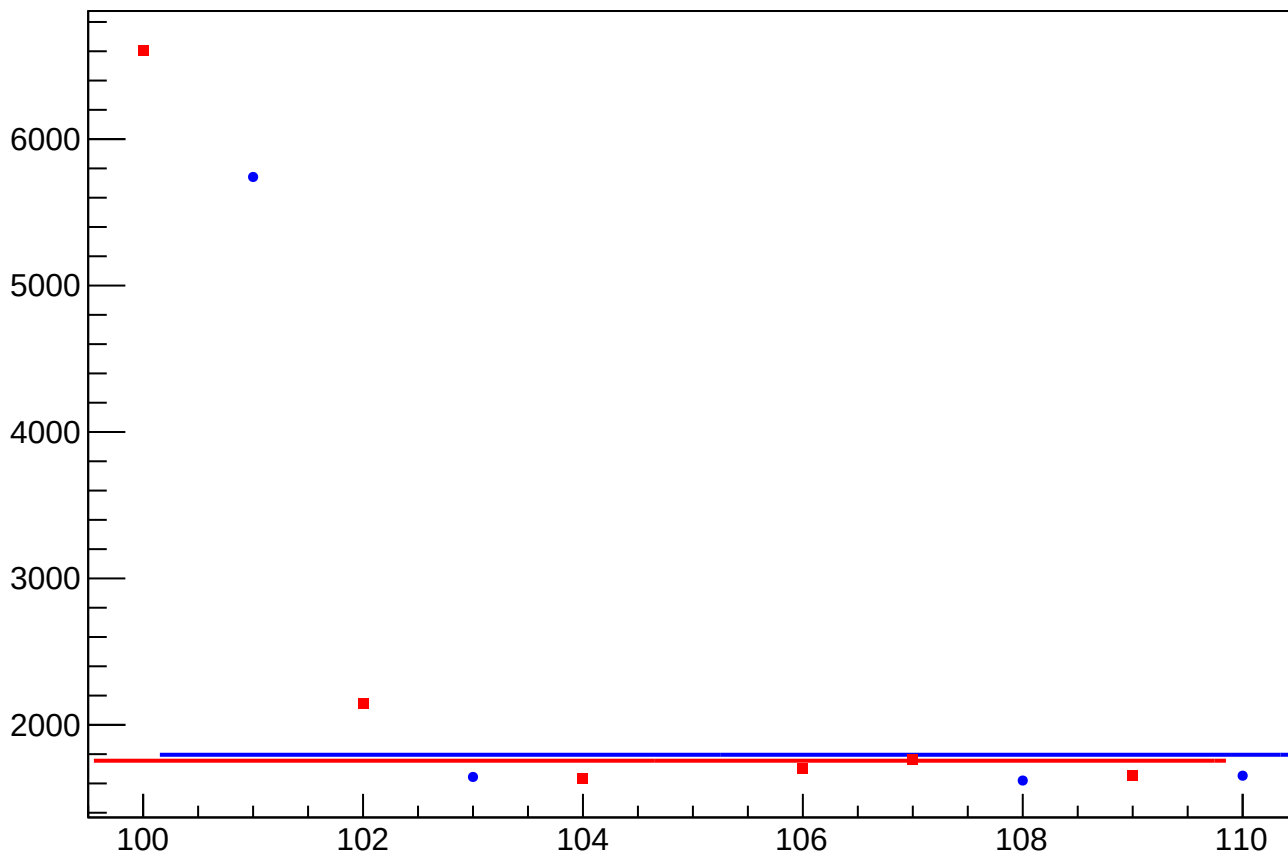
Right: -633.711+/-922.403 χ^2 /NDF: 8.6/9

In: -1113.764+/-1385.539 χ^2 /NDF: 5.5/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -633.711+/-922.403 χ^2 /NDF: 8.6/9

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1795.873+/-0.980 χ^2/NDF : 643660.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1755.241+/-0.863 χ^2/NDF : 119707.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

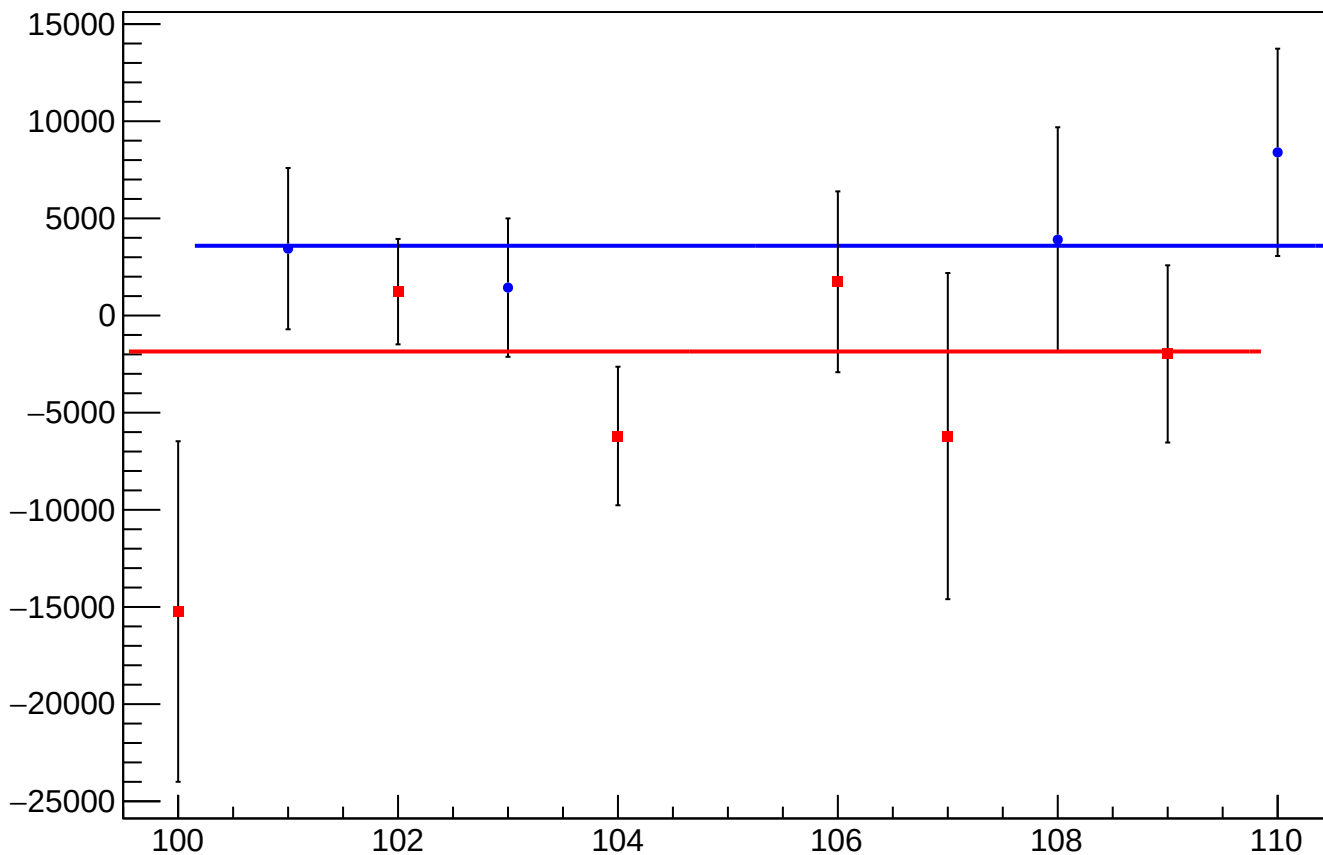
Right: 1772.985+/-0.647 χ^2/NDF : 764336.4/9

In: 1795.873+/-0.980 χ^2/NDF : 643660.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1772.985+/-0.647 χ^2/NDF : 764336.4/9

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3590.484+/-2225.681 χ^2/NDF : 1.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1851.116+/-1725.108 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

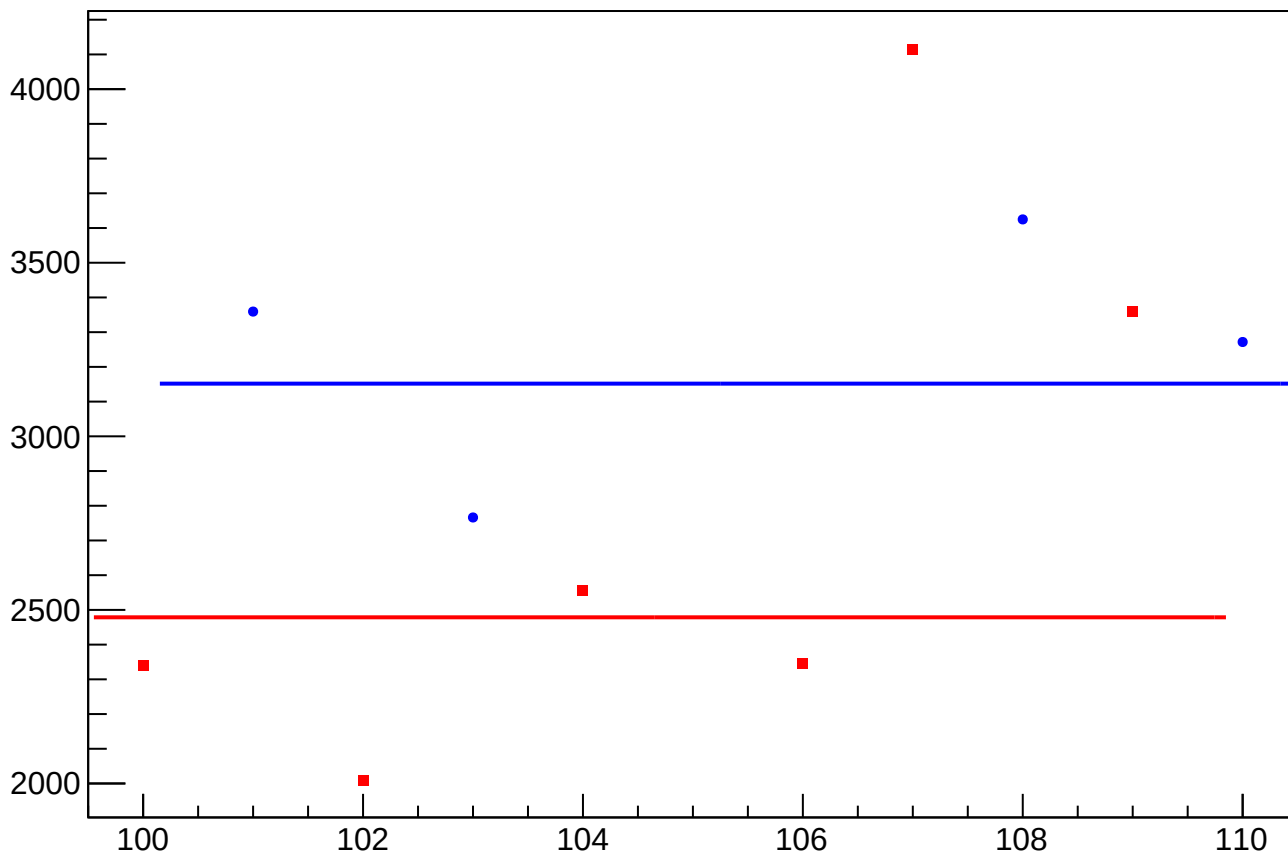
Right: 191.116+/-1363.491 χ^2/NDF : 10.9/9

In: 3590.484+/-2225.681 χ^2/NDF : 1.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.116+/-1363.491 χ^2/NDF : 10.9/9

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3151.745+/-1.574 χ^2/NDF : 42823.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2478.648+/-1.220 χ^2/NDF : 213116.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

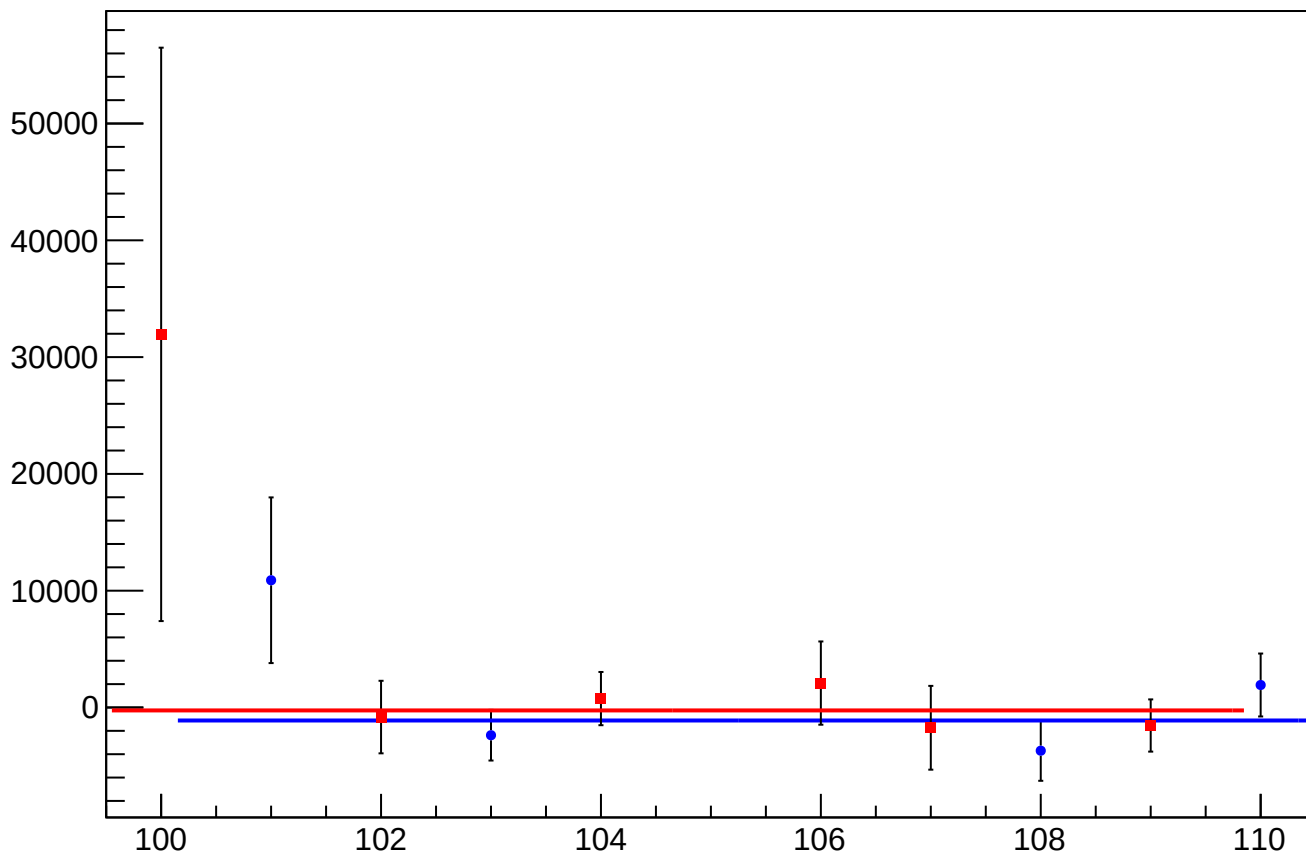
Right: 2731.261+/-0.964 χ^2/NDF : 370209.2/9

In: 3151.745+/-1.574 χ^2/NDF : 42823.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2731.261+/-0.964 χ^2/NDF : 370209.2/9

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1113.764+/-1385.539 χ^2/NDF : 5.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.593+/-1236.155 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

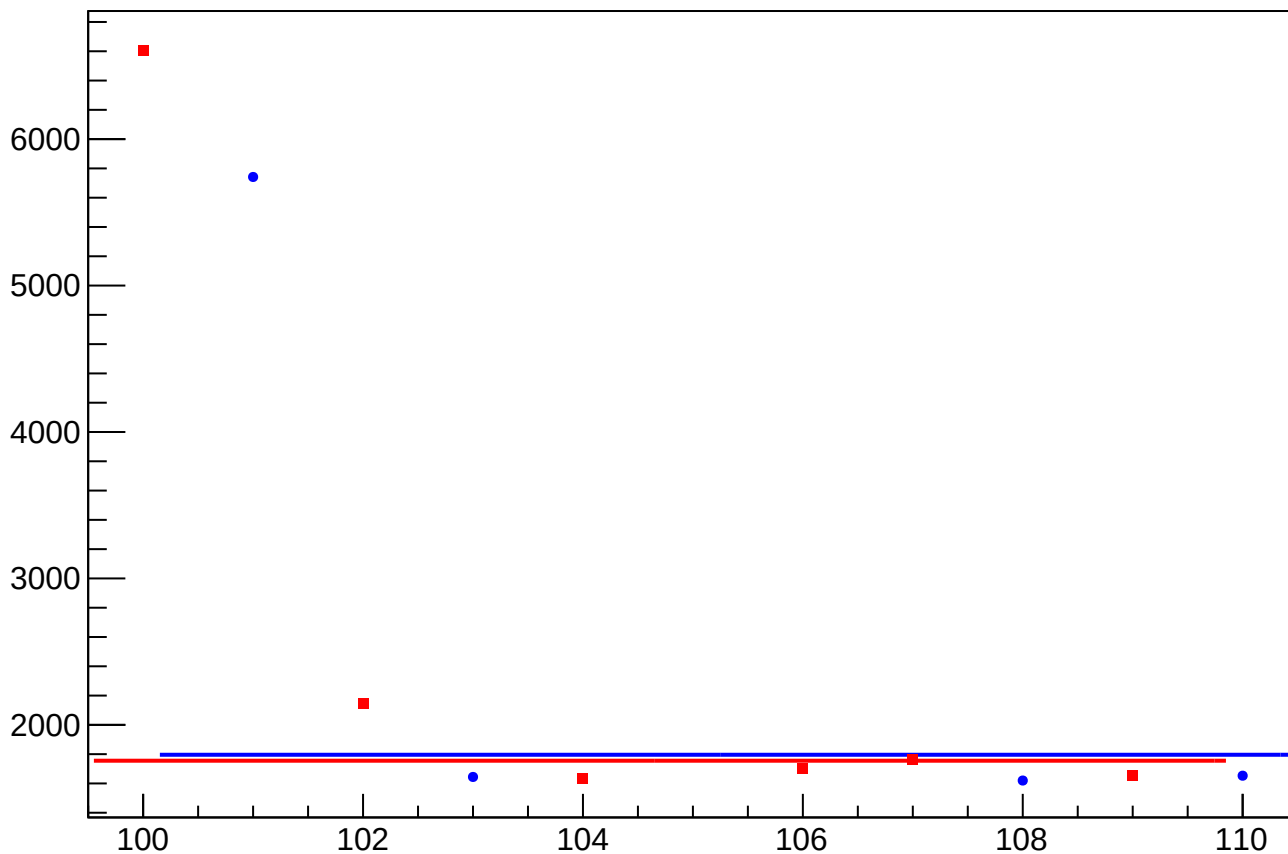
Right: -633.711+/-922.403 χ^2/NDF : 8.6/9

In: -1113.764+/-1385.539 χ^2/NDF : 5.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -633.711+/-922.403 χ^2/NDF : 8.6/9

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1795.873+/-0.980 χ^2/NDF : 643660.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1755.241+/-0.863 χ^2/NDF : 119707.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

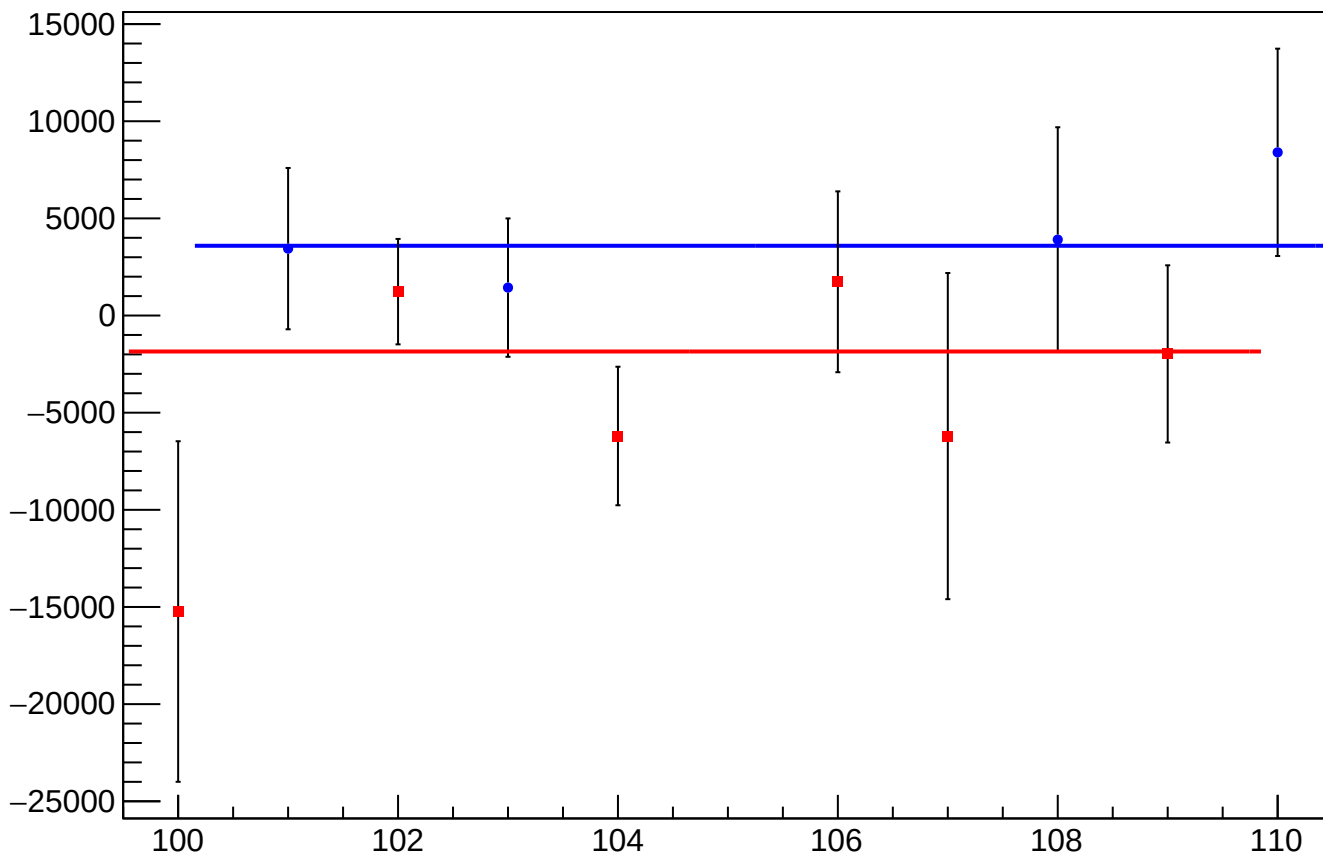
Right: 1772.985+/-0.647 χ^2/NDF : 764336.4/9

In: 1795.873+/-0.980 χ^2/NDF : 643660.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1772.985+/-0.647 χ^2/NDF : 764336.4/9

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3590.484+/-2225.681 χ^2/NDF : 1.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1851.116+/-1725.108 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

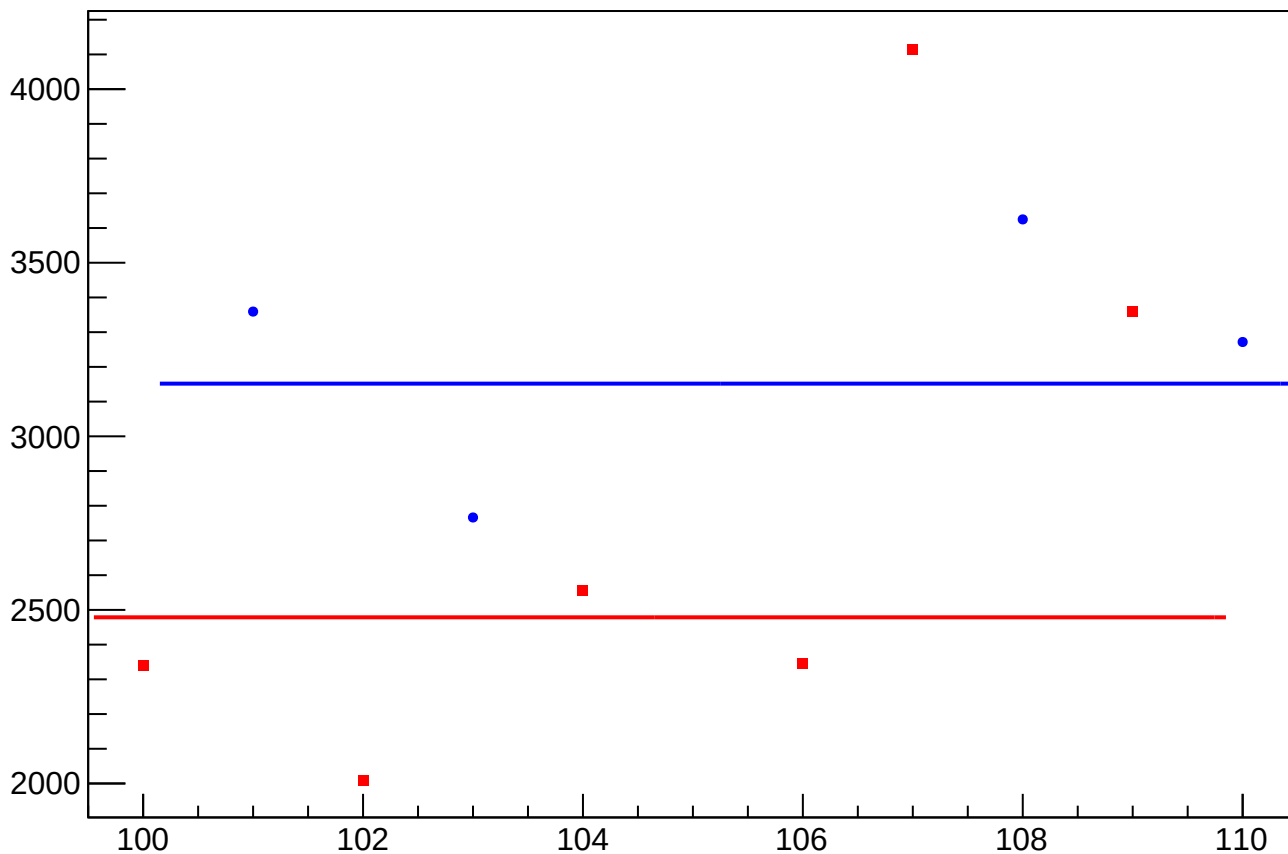
Right: 191.116+/-1363.491 χ^2/NDF : 10.9/9

In: 3590.484+/-2225.681 χ^2/NDF : 1.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.116+/-1363.491 χ^2/NDF : 10.9/9

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3151.745+/-1.574 χ^2/NDF : 42823.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2478.648+/-1.220 χ^2/NDF : 213116.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

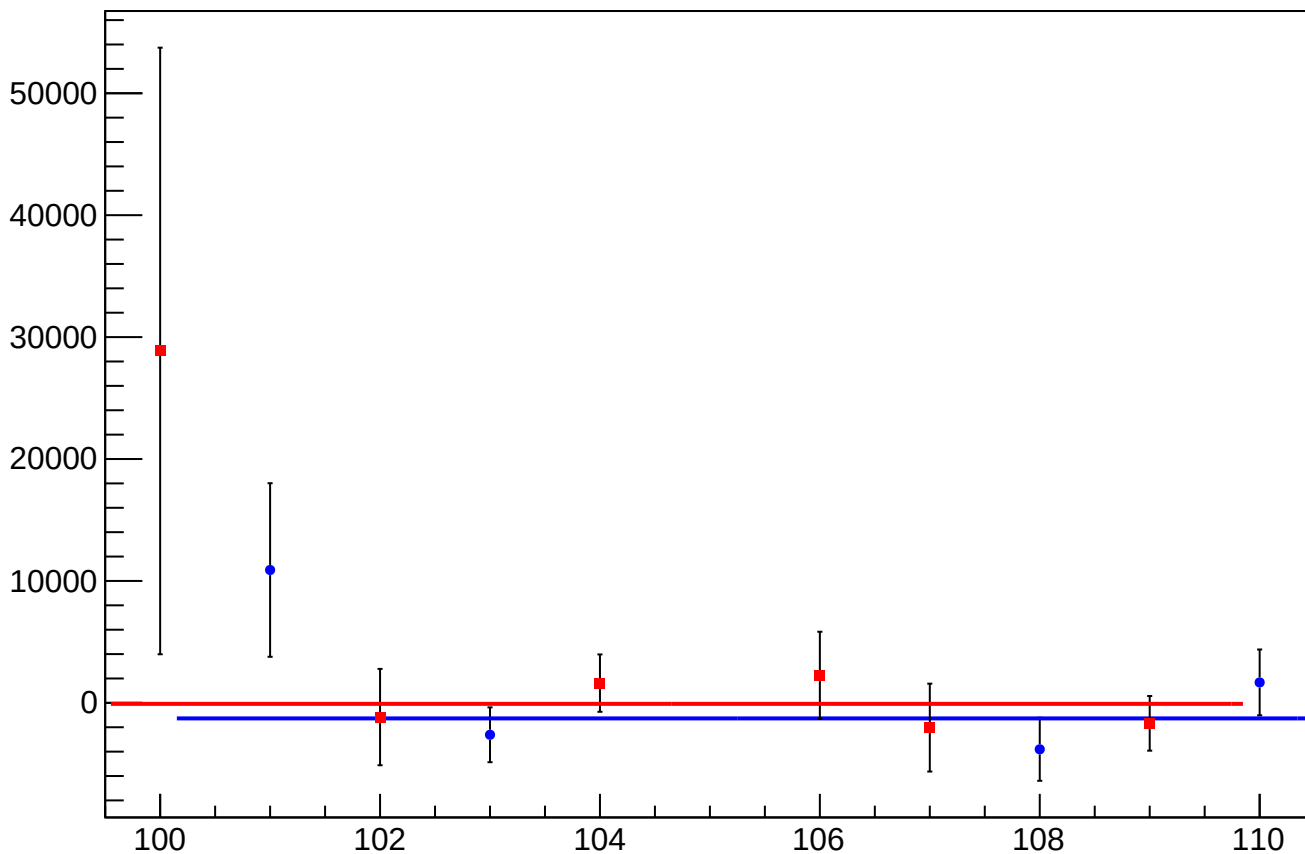
Right: 2731.261+/-0.964 χ^2/NDF : 370209.2/9

In: 3151.745+/-1.574 χ^2/NDF : 42823.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2731.261+/-0.964 χ^2/NDF : 370209.2/9

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1274.886+/-1407.874 χ^2/NDF : 5.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -81.000+/-1290.178 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

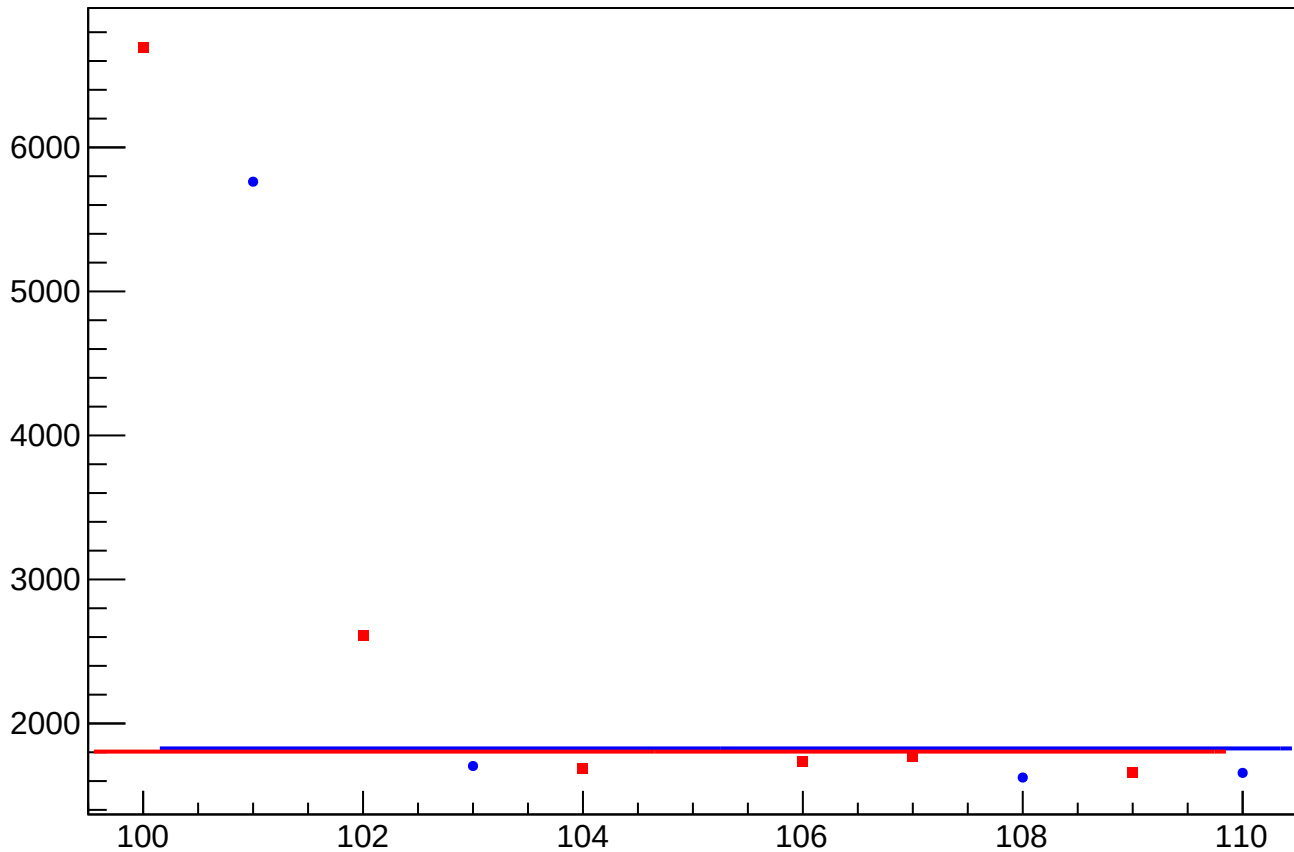
Right: -625.961+/-951.186 χ^2/NDF : 9.0/9

In: -1274.886+/-1407.874 χ^2/NDF : 5.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -625.961+/-951.186 χ^2/NDF : 9.0/9

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1826.671+/-0.996 χ^2/NDF : 637276.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1804.724+/-0.902 χ^2/NDF : 175812.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

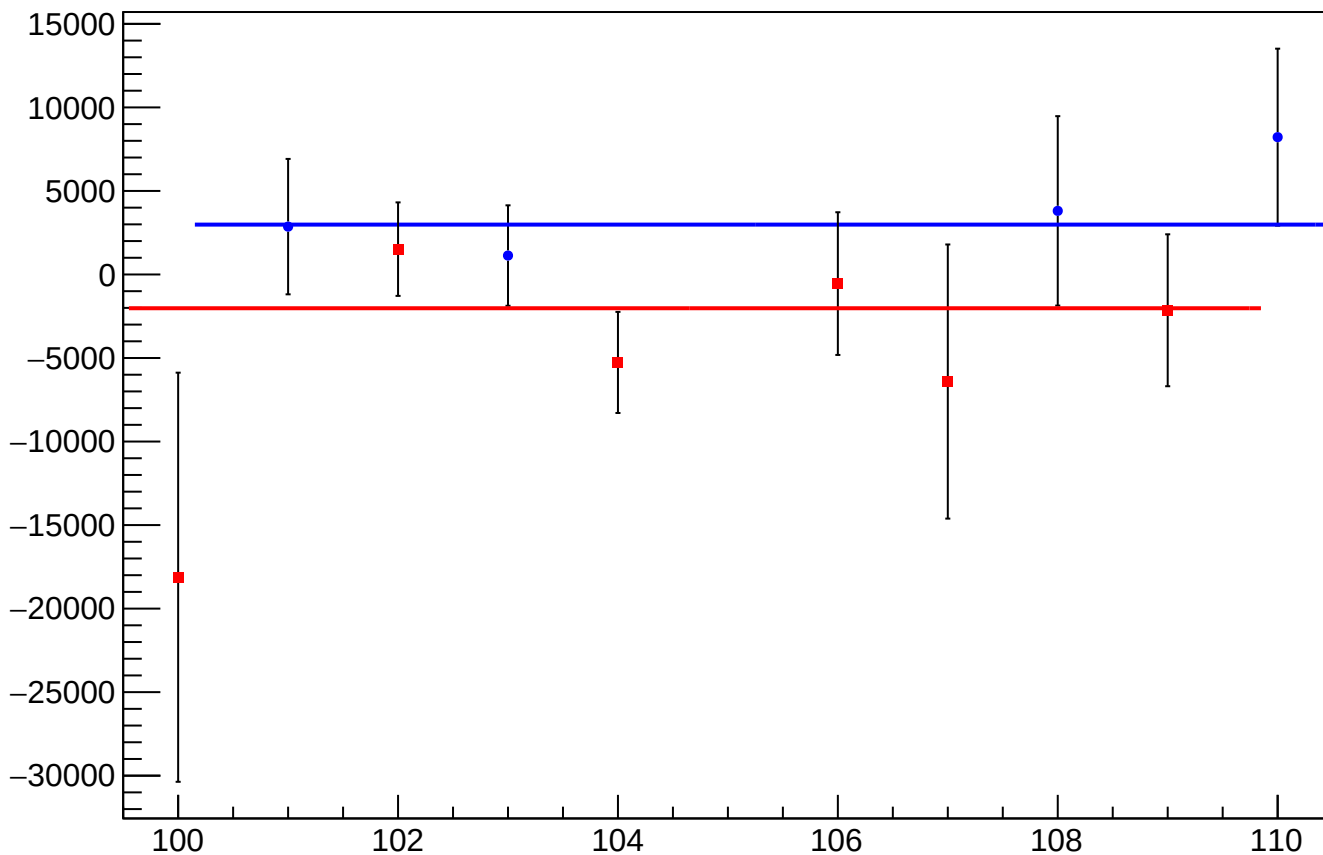
Right: 1814.621+/-0.669 χ^2/NDF : 813355.9/9

In: 1826.671+/-0.996 χ^2/NDF : 637276.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1814.621+/-0.669 χ^2/NDF : 813355.9/9

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2985.017+/-2048.454 χ^2/NDF : 1.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2021.162+/-1662.876 χ^2/NDF : 4.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

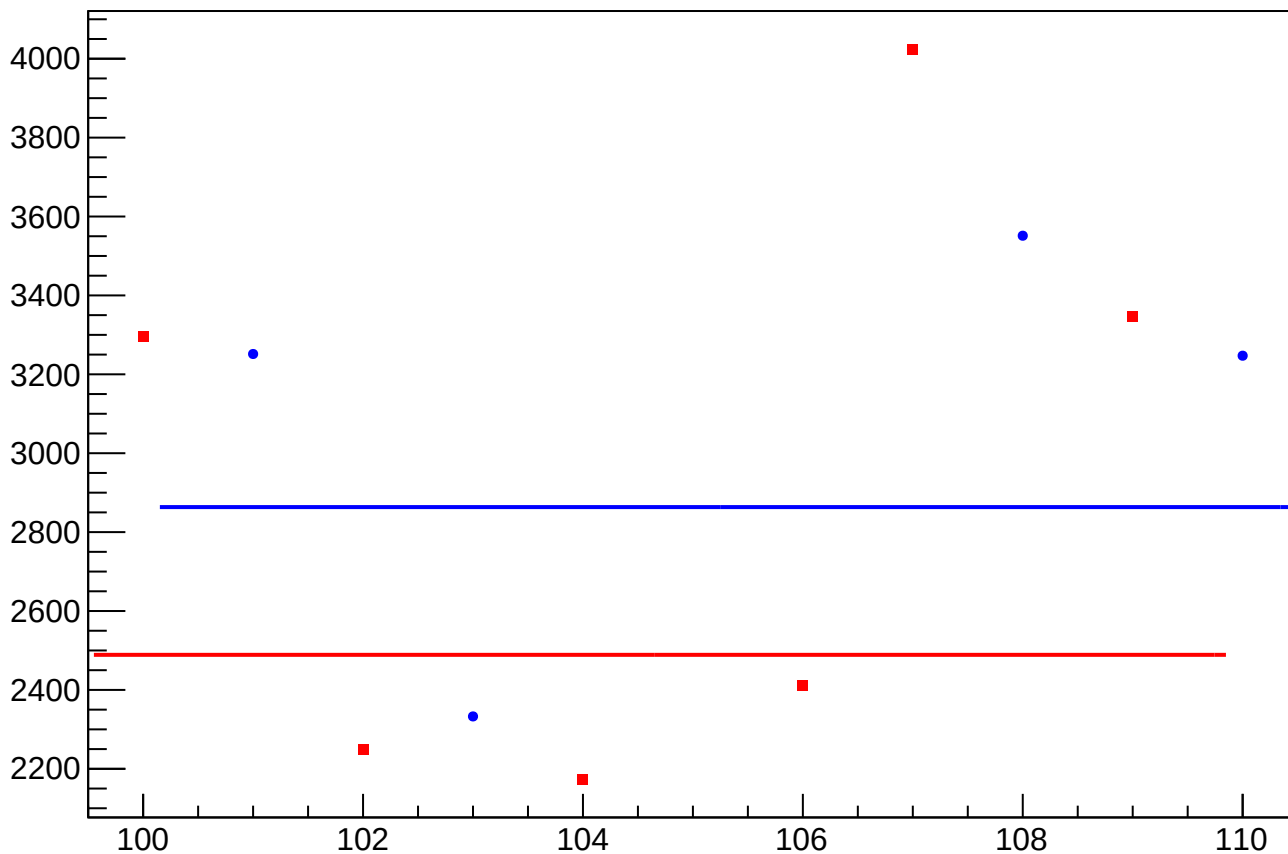
Right: -32.621+/-1291.042 χ^2/NDF : 9.9/9

In: 2985.017+/-2048.454 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.621+/-1291.042 χ^2/NDF : 9.9/9

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2863.443+/-1.448 χ^2/NDF : 120601.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2488.926+/-1.176 χ^2/NDF : 187195.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

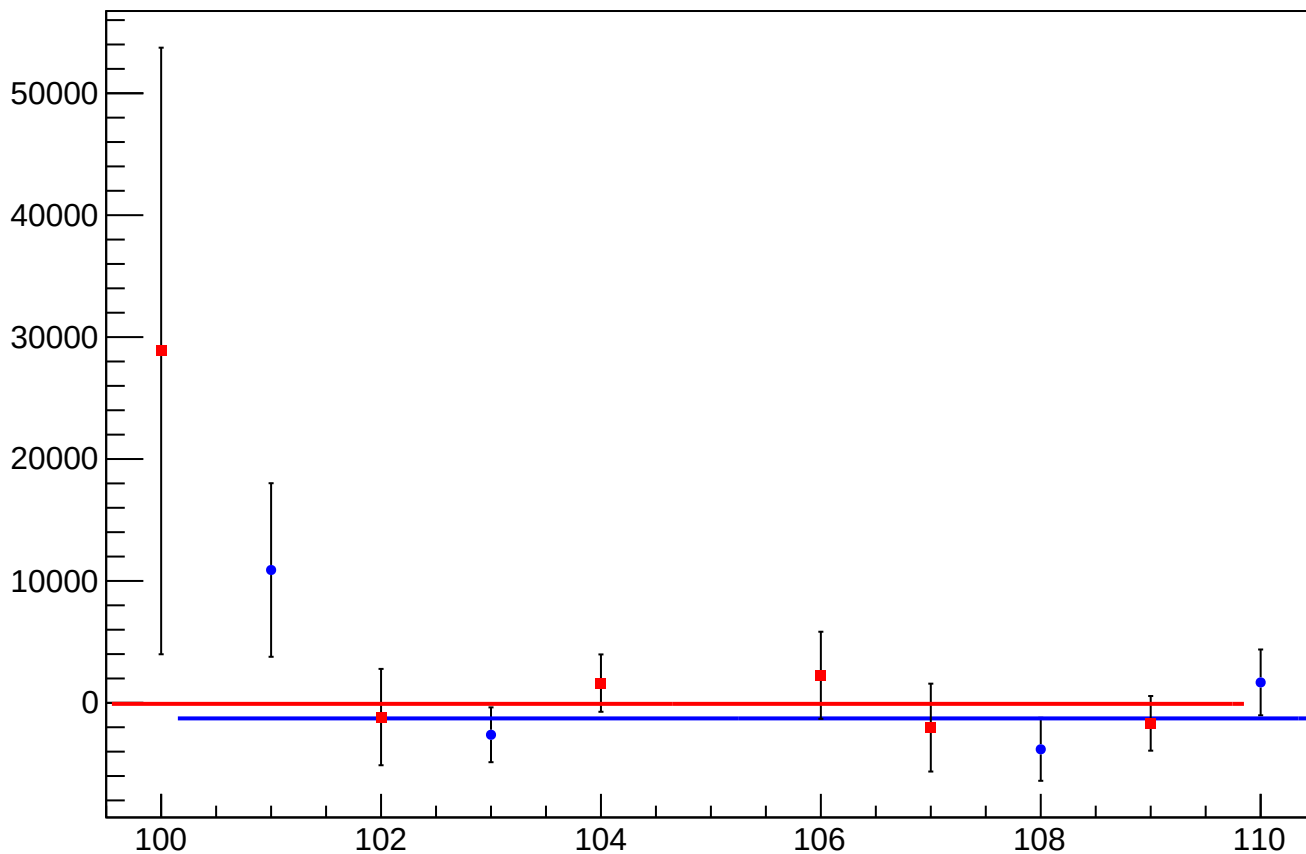
Right: 2637.691+/-0.913 χ^2/NDF : 348094.5/9

In: 2863.443+/-1.448 χ^2/NDF : 120601.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2637.691+/-0.913 χ^2/NDF : 348094.5/9

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1274.897 ± 1407.874 χ^2/NDF : 5.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -81.005 ± 1290.178 χ^2/NDF : 3.2/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

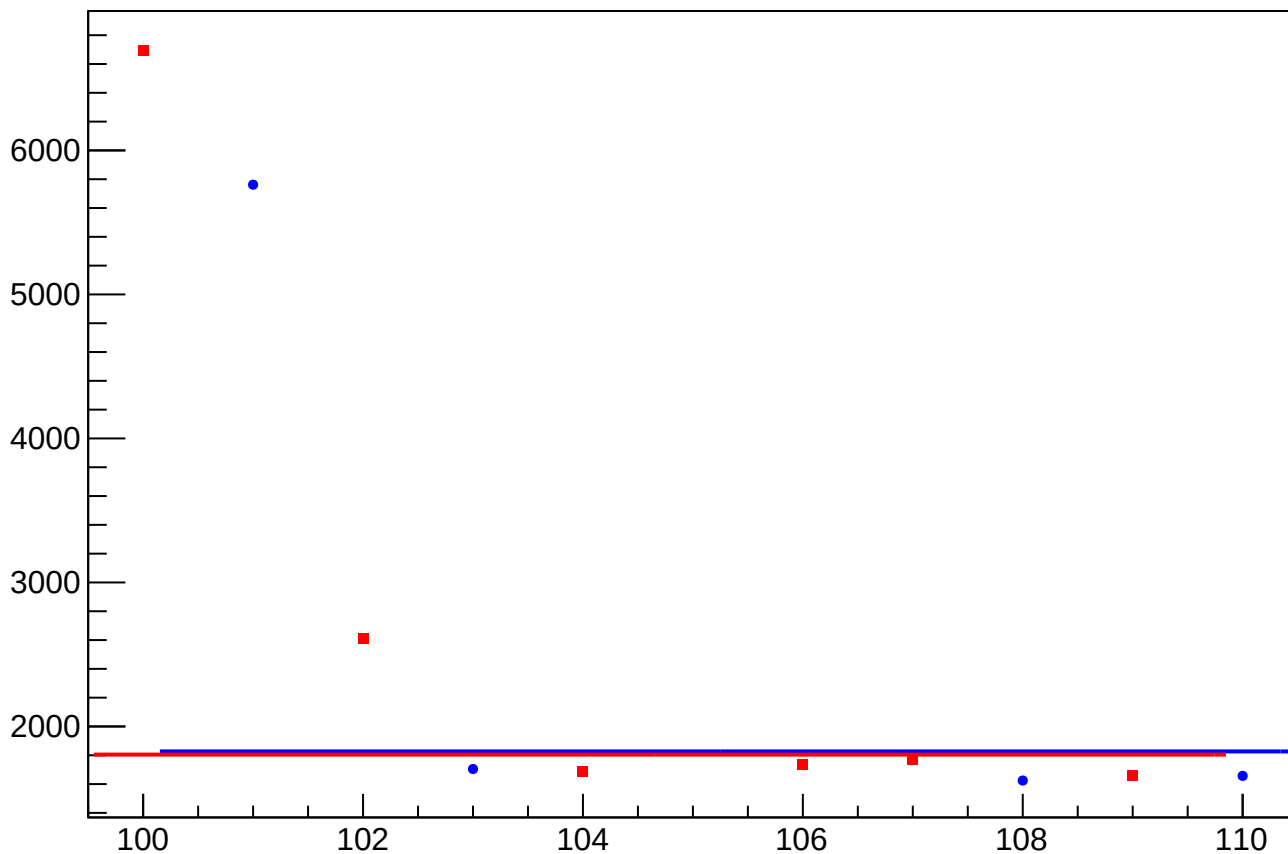
Right: -625.969 ± 951.186 χ^2/NDF : 9.0/9

In: -1274.897 ± 1407.874 χ^2/NDF : 5.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -625.969 ± 951.186 χ^2/NDF : 9.0/9

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1826.671+/-0.996 χ^2/NDF : 637276.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1804.723+/-0.902 χ^2/NDF : 175812.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

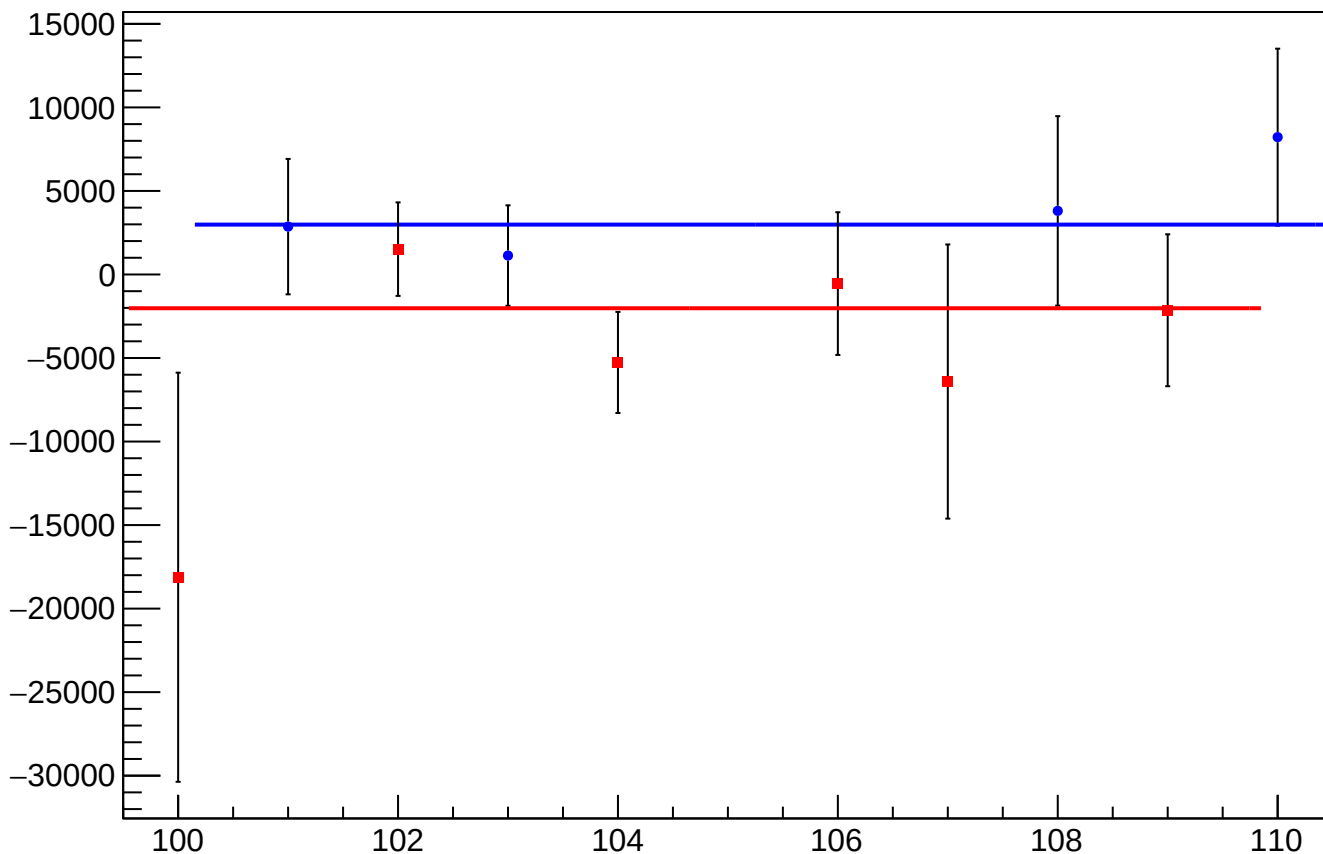
Right: 1814.621+/-0.669 χ^2/NDF : 813355.8/9

In: 1826.671+/-0.996 χ^2/NDF : 637276.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1814.621+/-0.669 χ^2/NDF : 813355.8/9

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2985.017+/-2048.453 χ^2 /NDF: 1.4/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2021.165+/-1662.876 χ^2 /NDF: 4.9/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

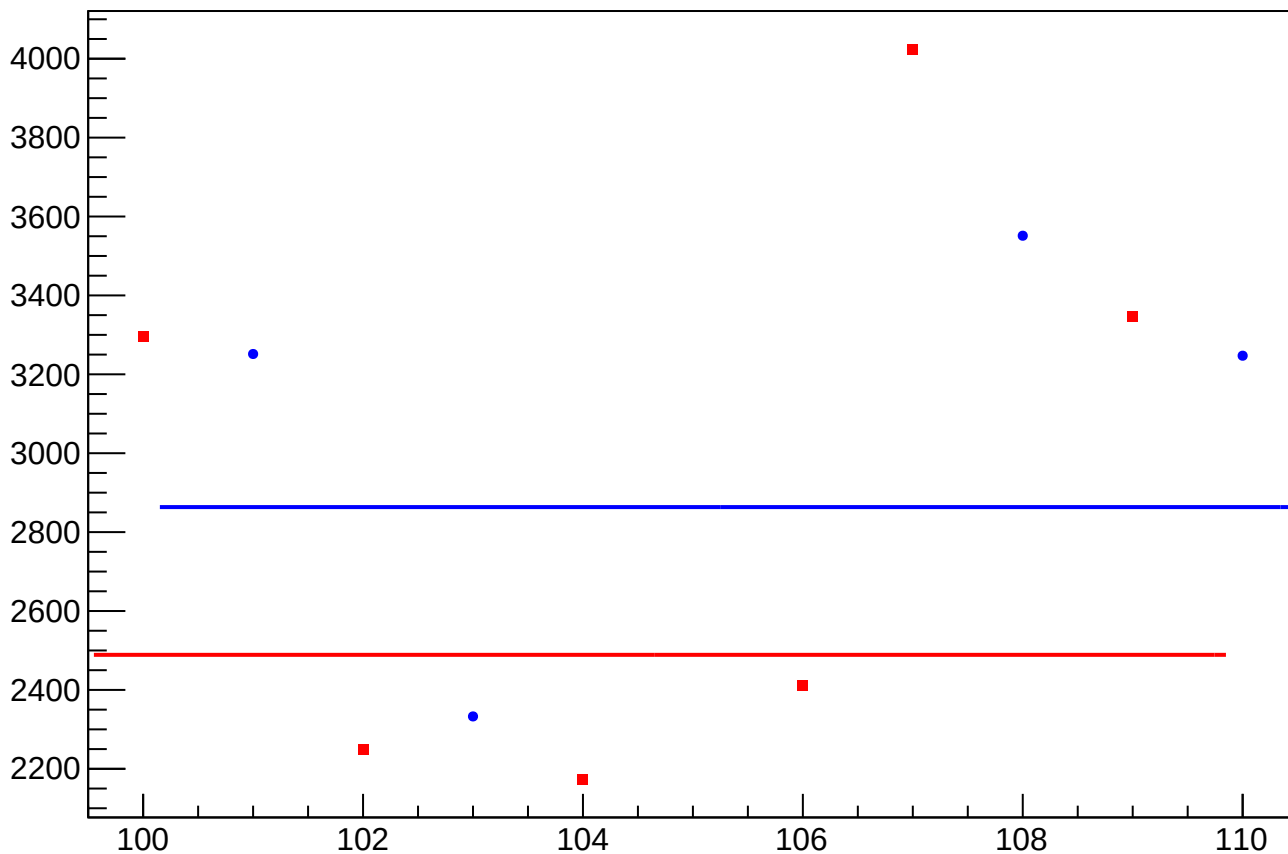
Right: -32.622+/-1291.041 χ^2 /NDF: 9.9/9

In: 2985.017+/-2048.453 χ^2 /NDF:1.4/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -32.622+/-1291.041 χ^2 /NDF: 9.9/9

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2863.441+/-1.448 χ^2/NDF : 120599.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2488.927+/-1.176 χ^2/NDF : 187193.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

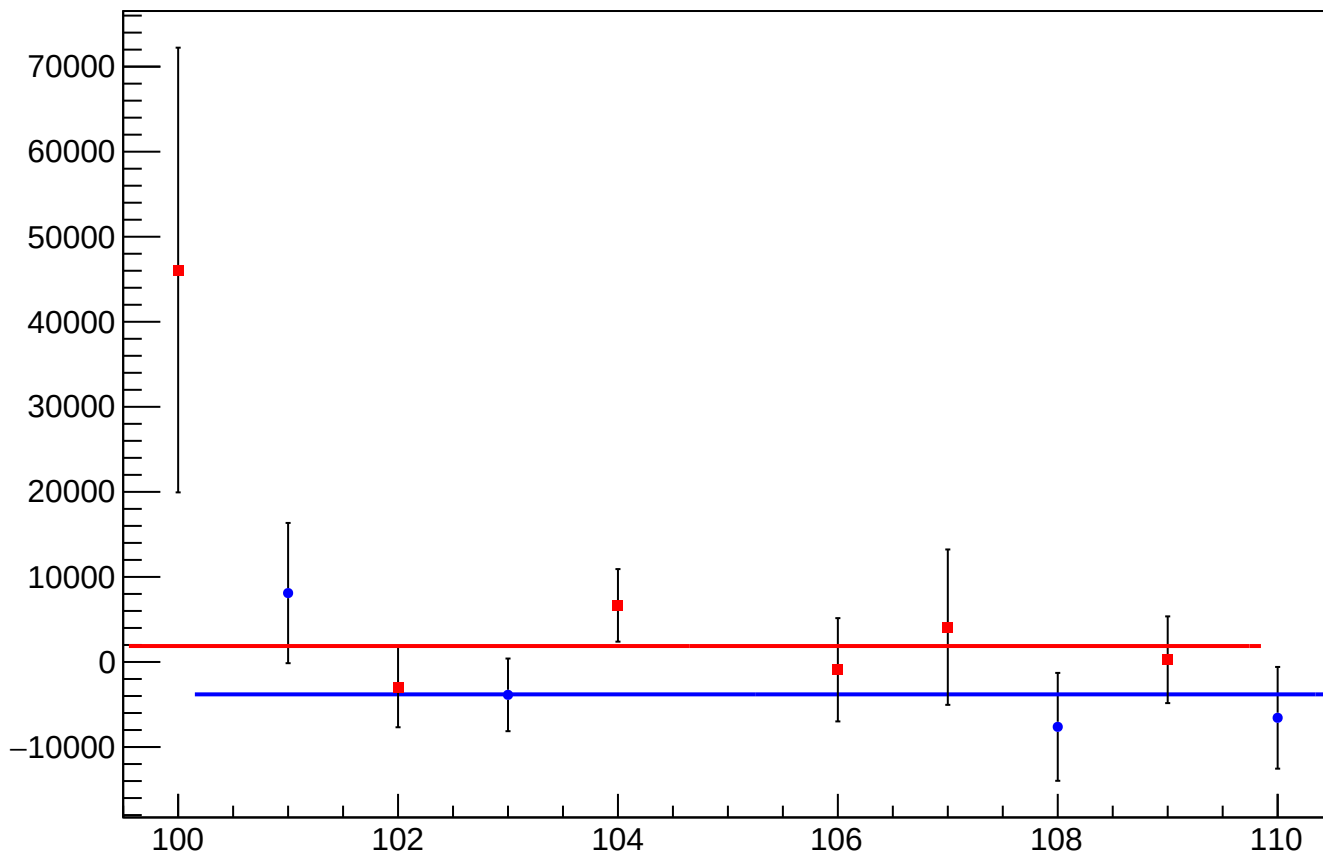
Right: 2637.690+/-0.913 χ^2/NDF : 348089.6/9

In: 2863.441+/-1.448 χ^2/NDF : 120599.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2637.690+/-0.913 χ^2/NDF : 348089.6/9

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -3808.290+/-2858.819 χ^2/NDF : 2.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1874.142+/-2364.905 χ^2/NDF : 5.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

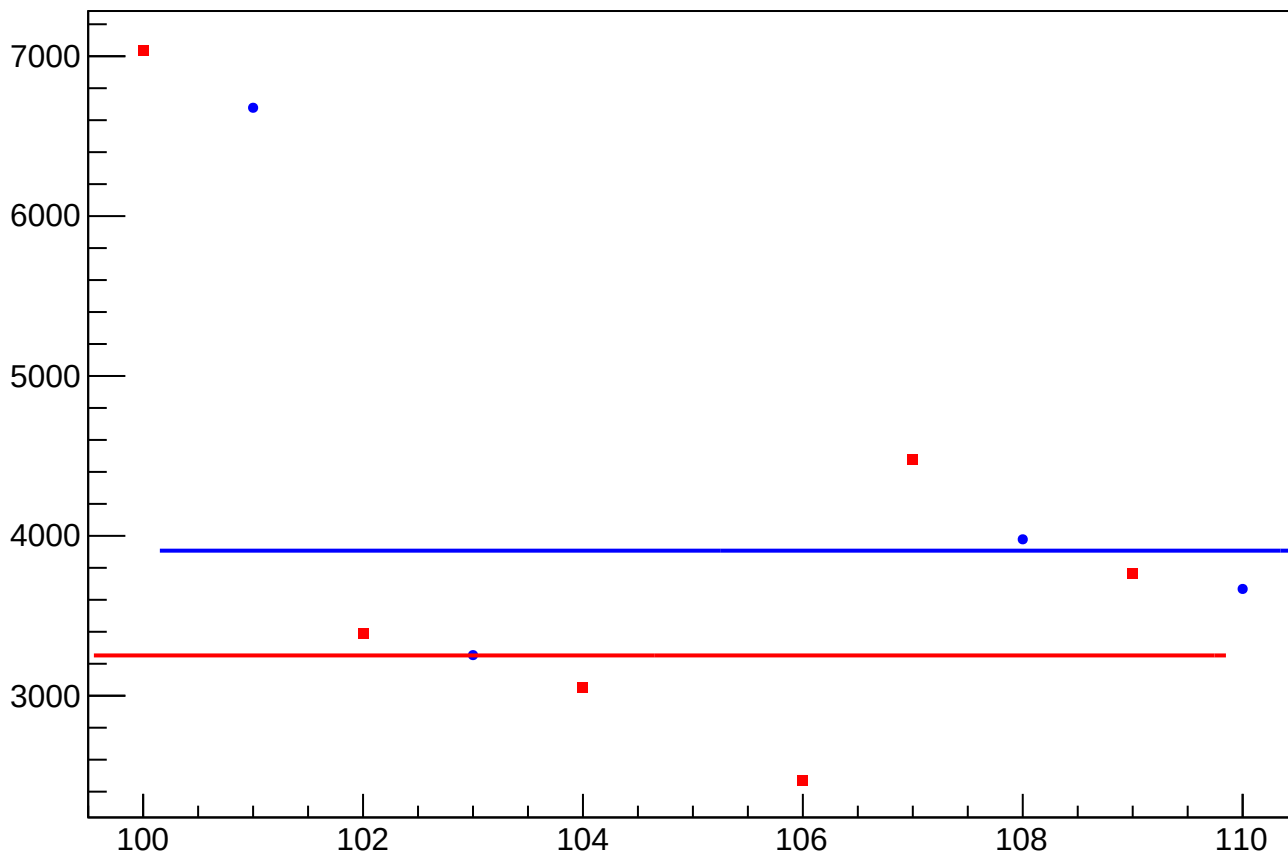
Right: -434.550+/-1822.227 χ^2/NDF : 10.5/9

In: -3808.290+/-2858.819 χ^2/NDF : 2.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -434.550+/-1822.227 χ^2/NDF : 10.5/9

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3907.380+/-2.021 χ^2/NDF : 276051.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3252.029+/-1.596 χ^2/NDF : 158512.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

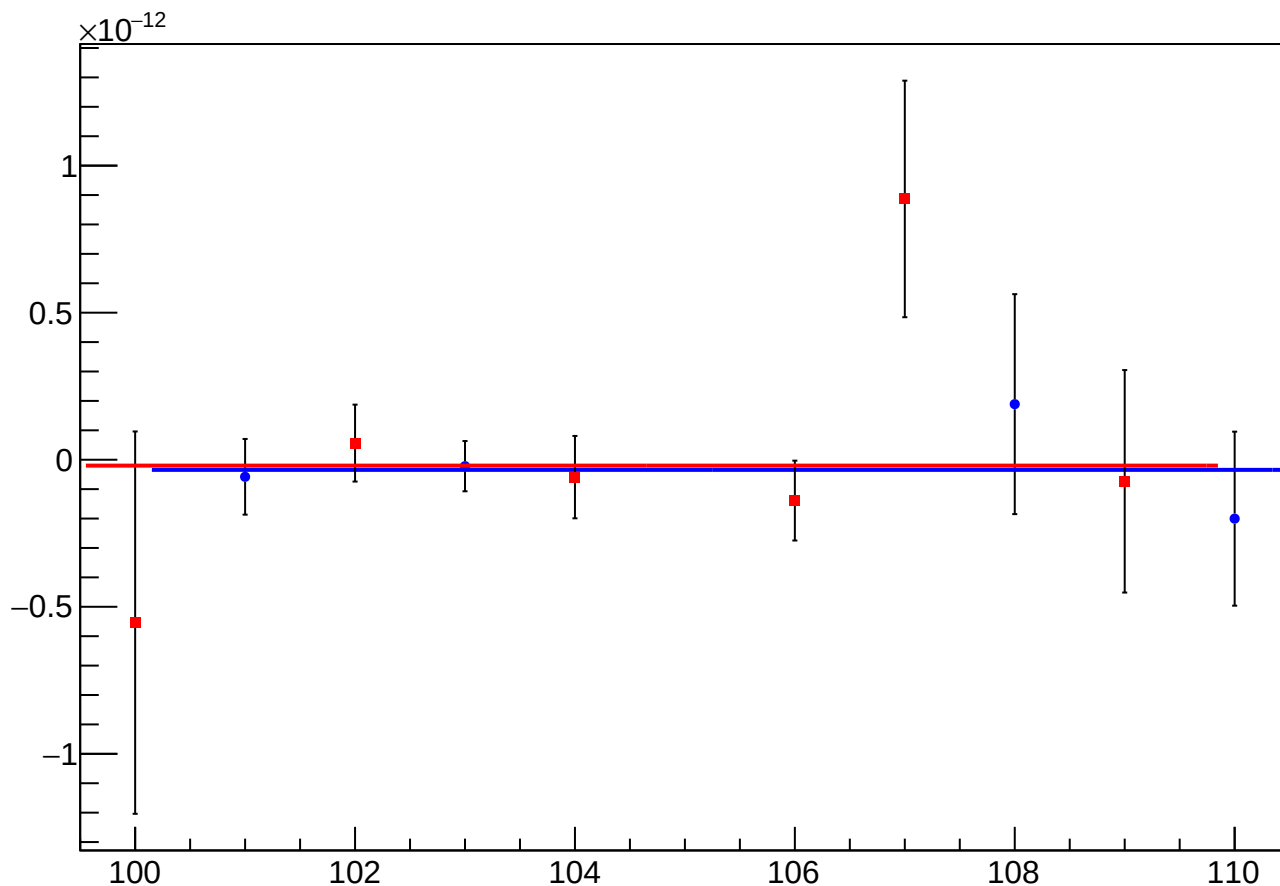
Right: 3503.672+/-1.253 χ^2/NDF : 499309.0/9

In: 3907.380+/-2.021 χ^2/NDF : 276051.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3503.672+/-1.253 χ^2/NDF : 499309.0/9

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

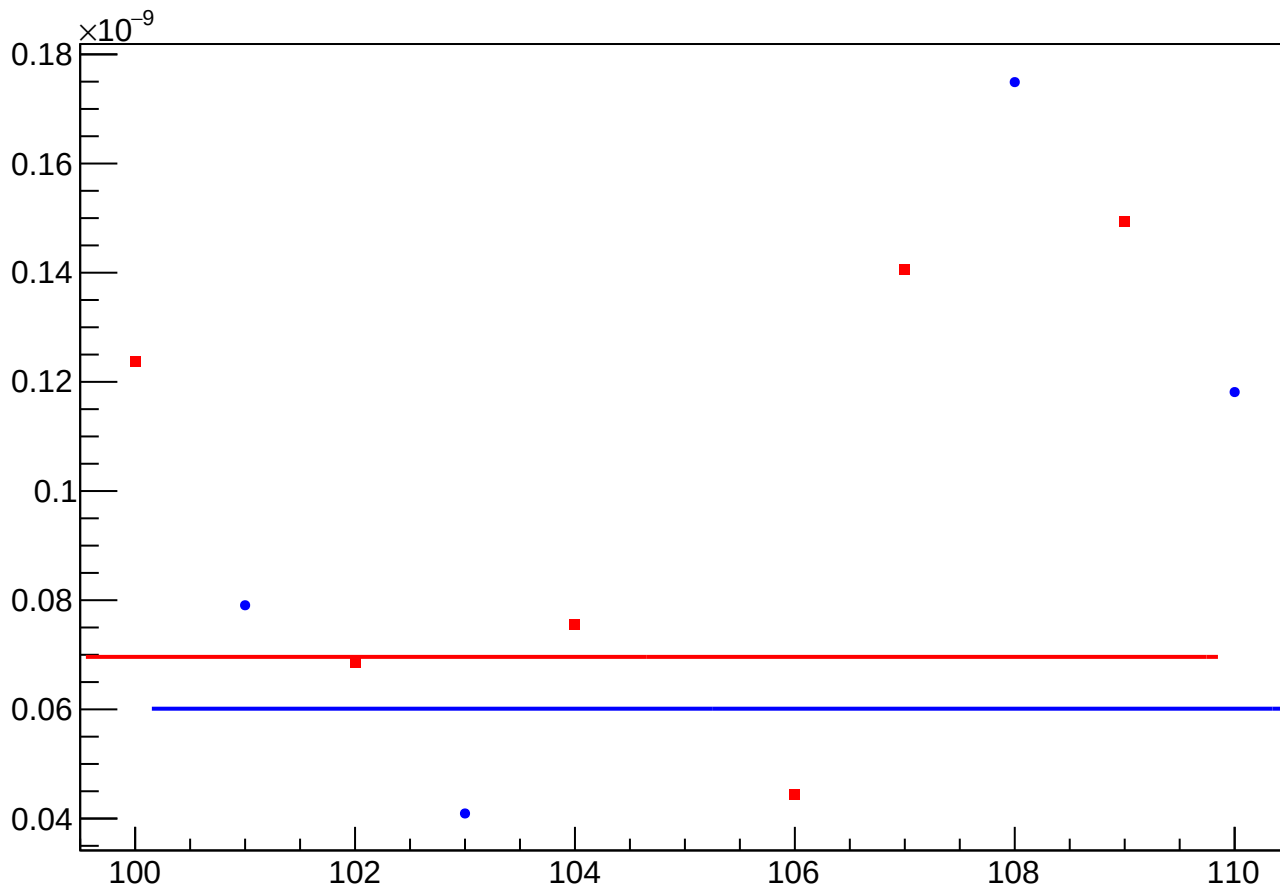
Right: -0.000+/-0.000 χ^2/NDF : 7.7/9

In: -0.000+/-0.000 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.7/9

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 409654.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 237448.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

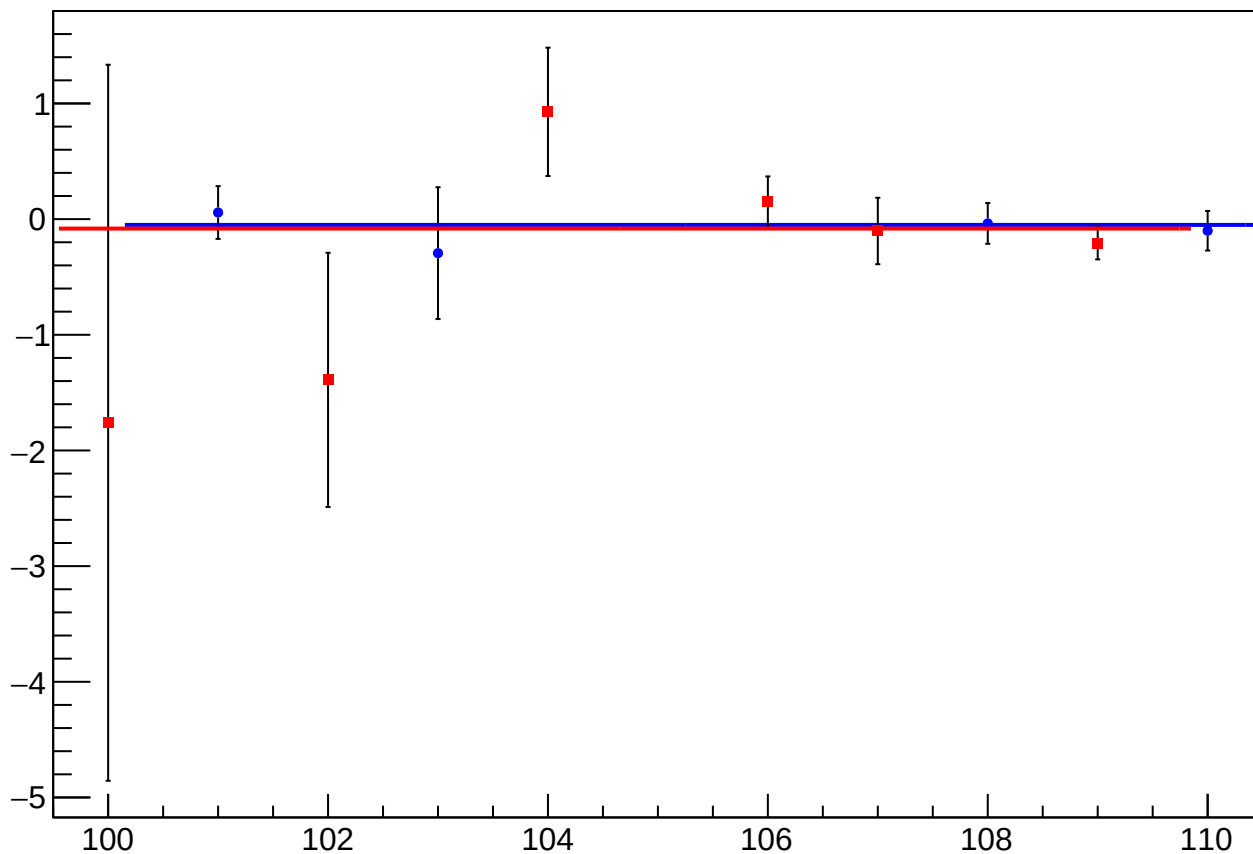
Right: 0.000+/-0.000 χ^2/NDF : 664755.4/9

In: 0.000+/-0.000 χ^2/NDF : 409654.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 664755.4/9

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.106 χ^2/NDF : 0.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.082 ± 0.107 χ^2/NDF : 6.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

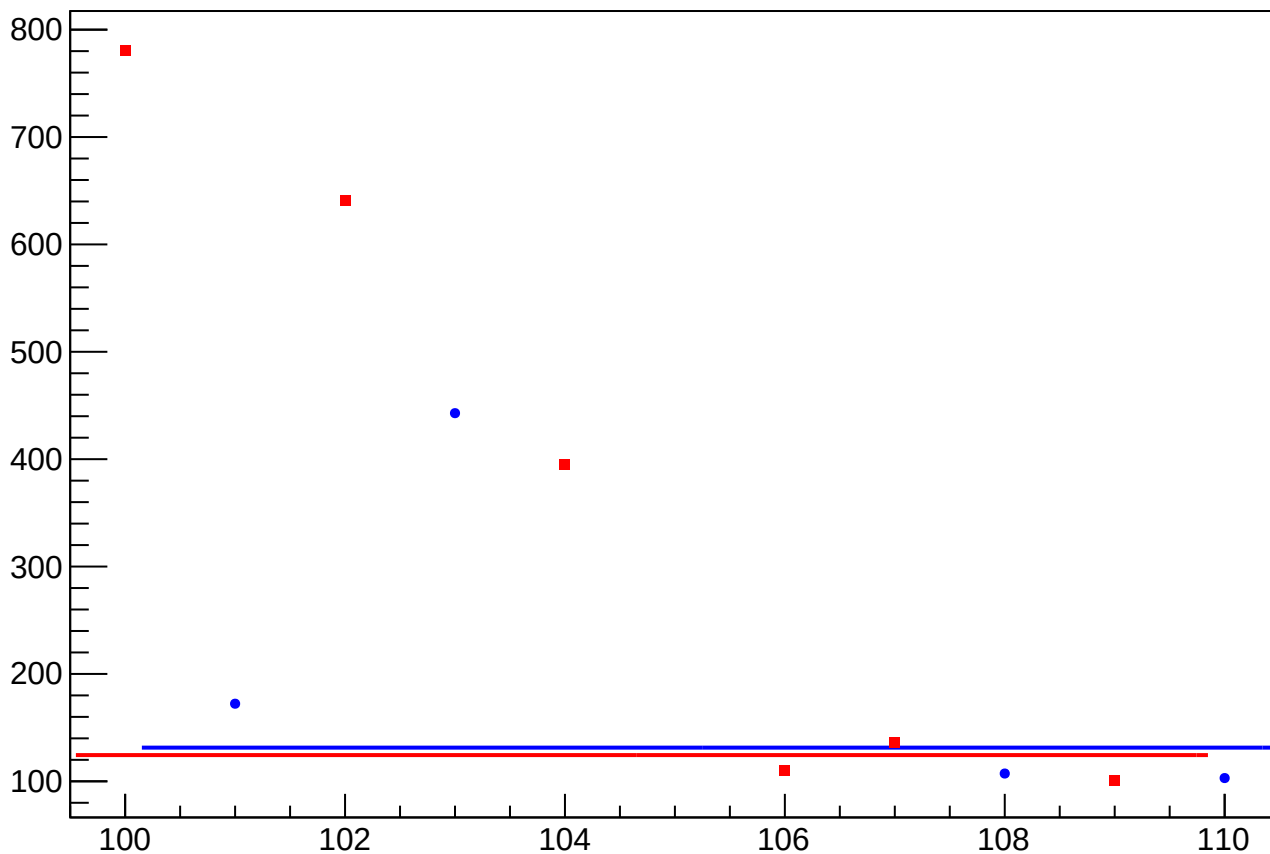
Right: -0.066 ± 0.075 χ^2/NDF : 7.5/9

In: -0.050 ± 0.106 χ^2/NDF : 0.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.066 ± 0.075 χ^2/NDF : 7.5/9

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.370+/-0.075 χ^2/NDF : 754202.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.423+/-0.075 χ^2/NDF : 1077806.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

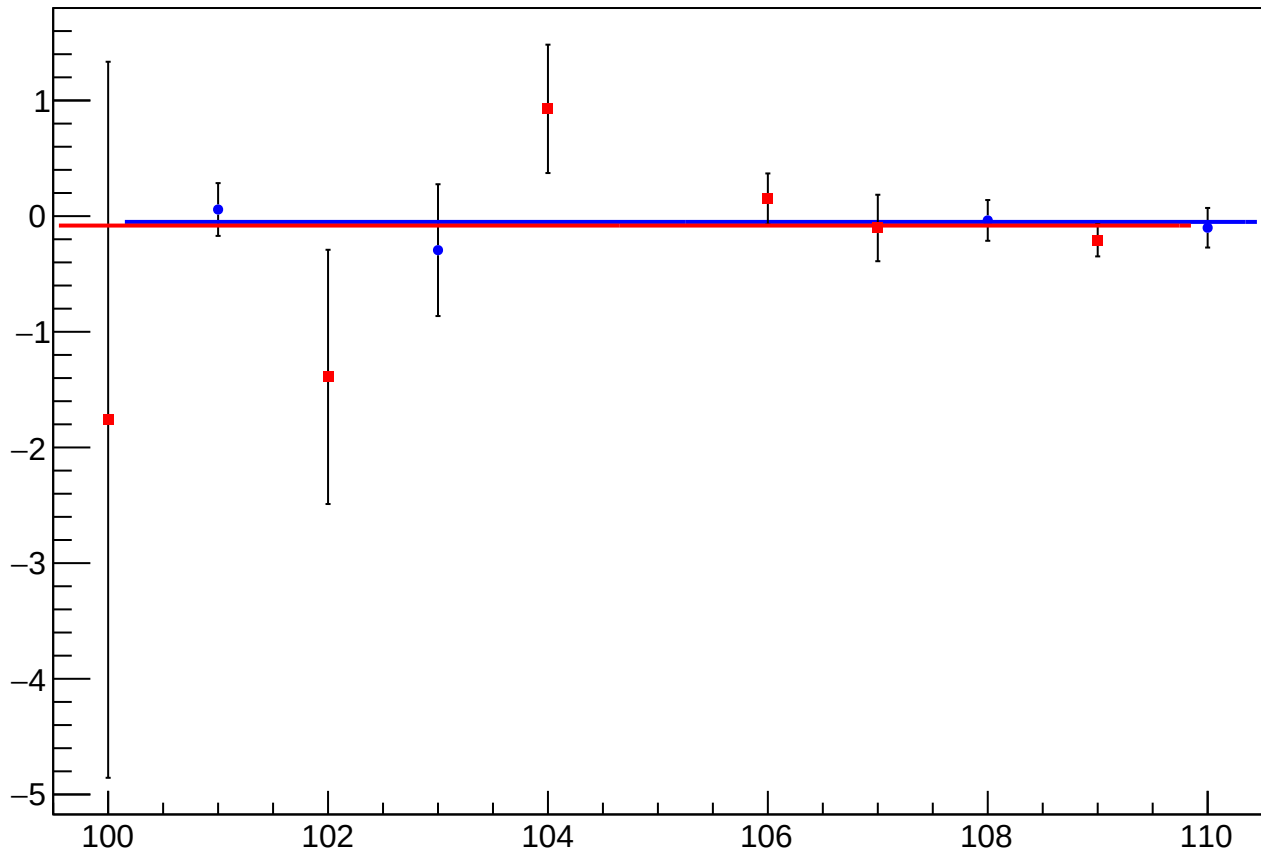
Right: 127.908+/-0.053 χ^2/NDF : 1836270.5/9

In: 131.370+/-0.075 χ^2/NDF : 754202.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.908+/-0.053 χ^2/NDF : 1836270.5/9

asym_atr12_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.106 χ^2/NDF : 0.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.082 ± 0.107 χ^2/NDF : 6.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

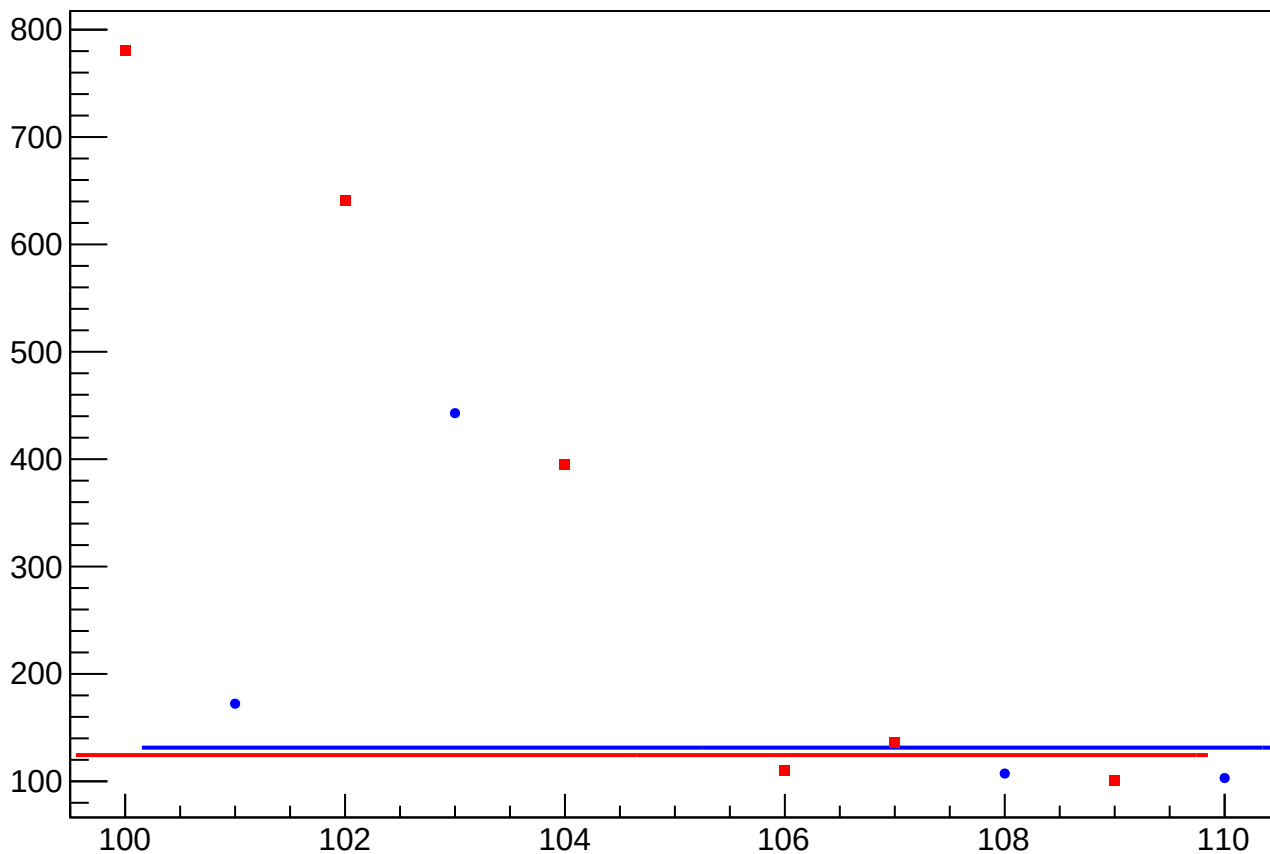
Right: -0.066 ± 0.075 χ^2/NDF : 7.5/9

In: -0.050 ± 0.106 χ^2/NDF : 0.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.066 ± 0.075 χ^2/NDF : 7.5/9

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.370 $\pm$ 0.075 χ^2 /NDF: 754202.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.423 $\pm$ 0.075 χ^2 /NDF: 1077806.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

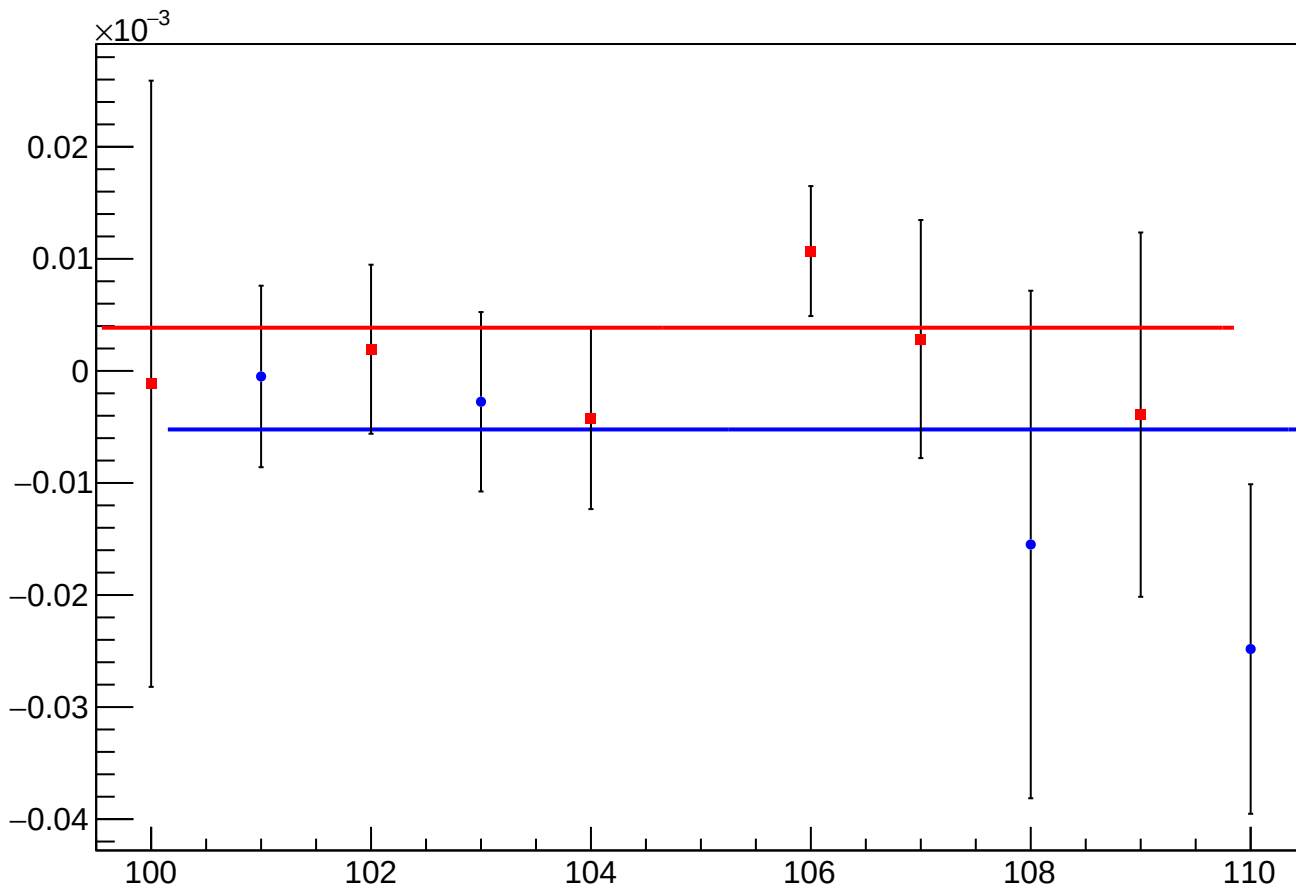
Right: 127.908 $\pm$ 0.053 χ^2 /NDF: 1836270.5/9

In: 131.370 $\pm$ 0.075 χ^2 /NDF:754202.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127.908 $\pm$ 0.053 χ^2 /NDF: 1836270.5/9

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

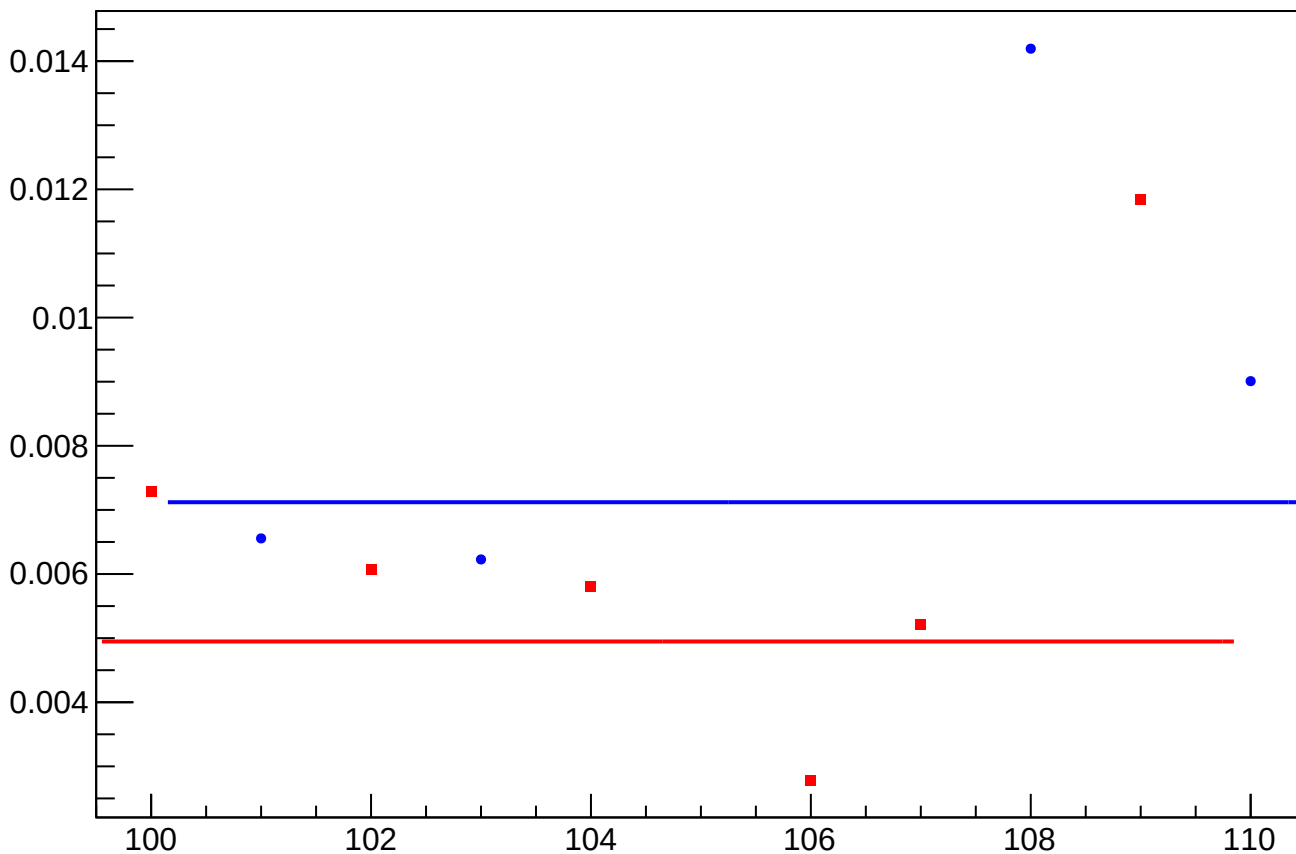
Right: 0.000+/-0.000 χ^2/NDF : 7.2/9

In: -0.000+/-0.000 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.2/9

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 262678.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 722987.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

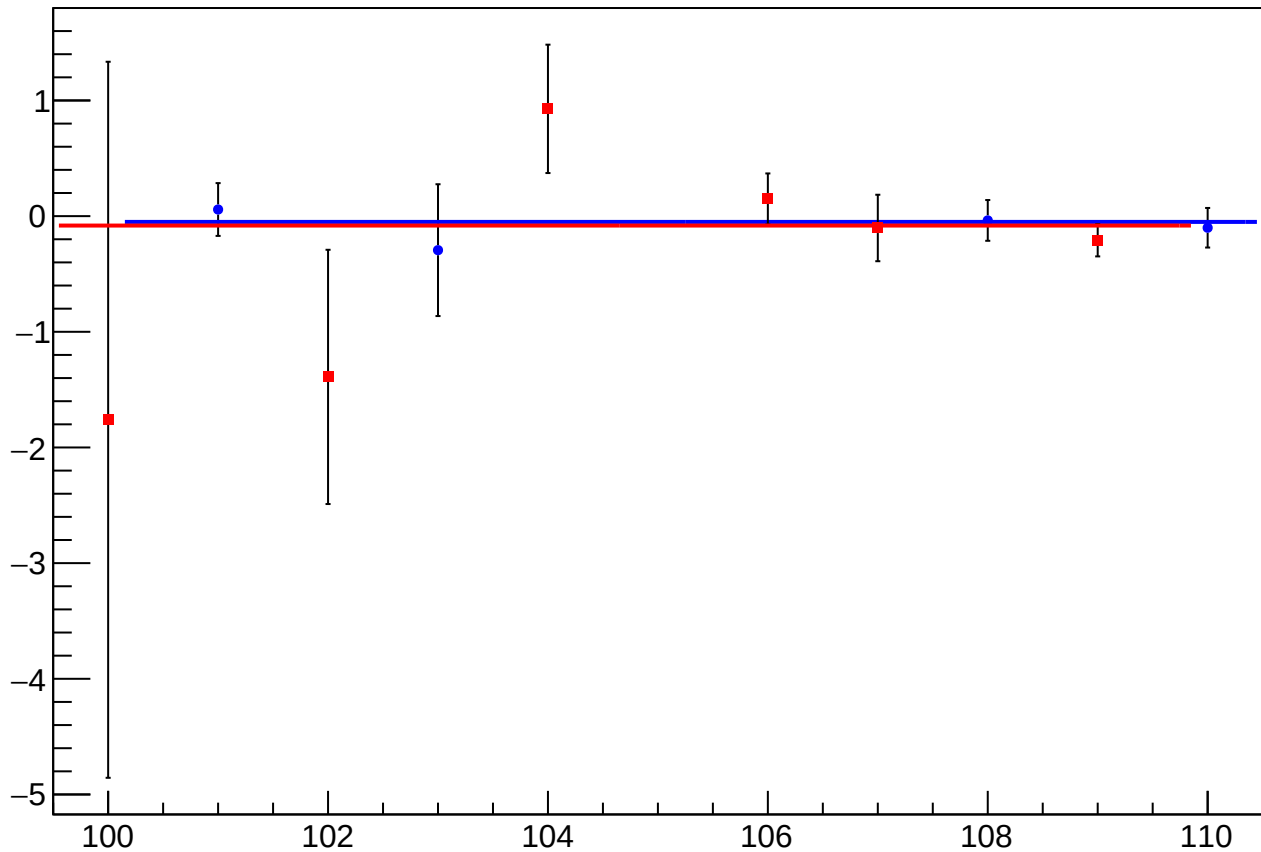
Right: 0.006+/-0.000 χ^2/NDF : 1222934.0/9

In: 0.007+/-0.000 χ^2/NDF : 262678.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1222934.0/9

asym_atr12_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.106 χ^2/NDF : 0.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.081 ± 0.107 χ^2/NDF : 6.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

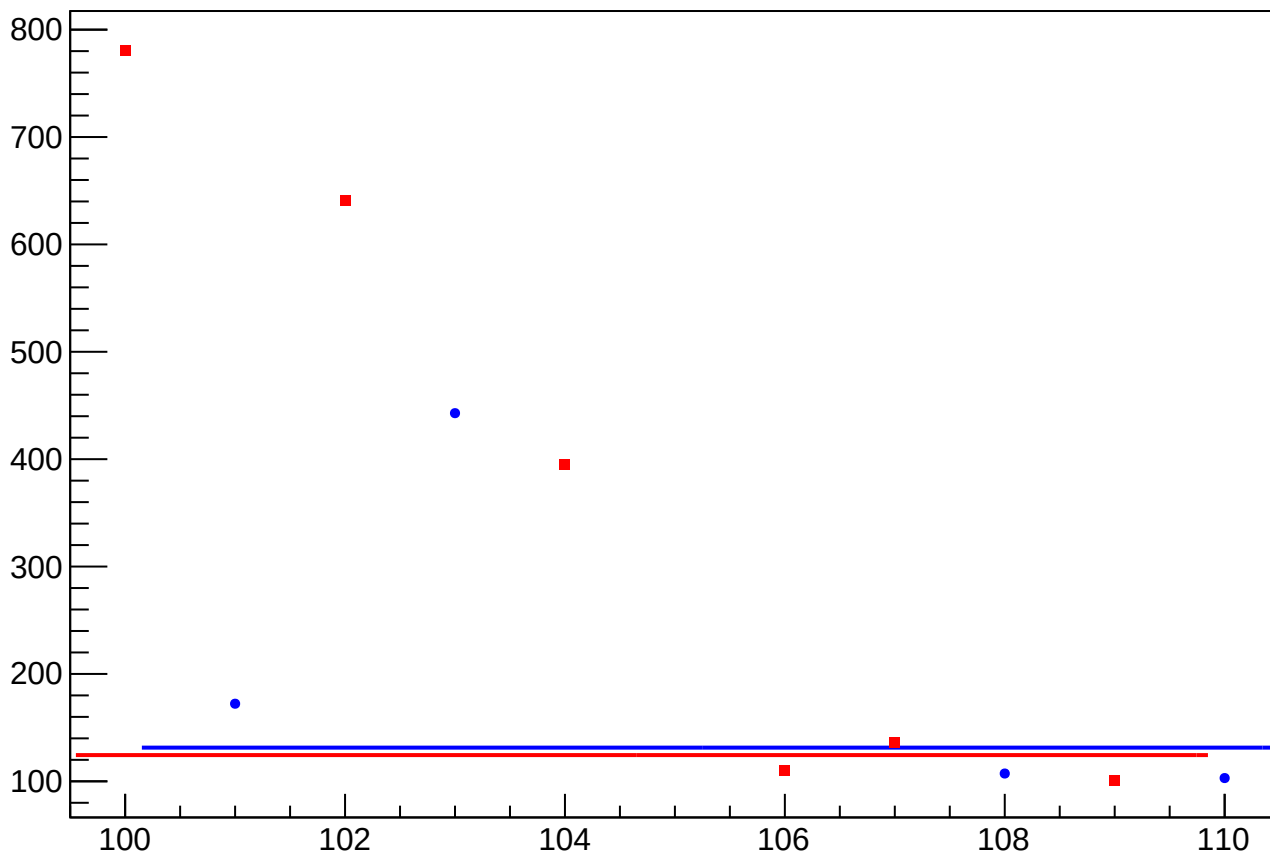
Right: -0.066 ± 0.075 χ^2/NDF : 7.5/9

In: -0.050 ± 0.106 χ^2/NDF : 0.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.066 ± 0.075 χ^2/NDF : 7.5/9

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.375+/-0.075 χ^2/NDF : 754145.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.425+/-0.075 χ^2/NDF : 1077788.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

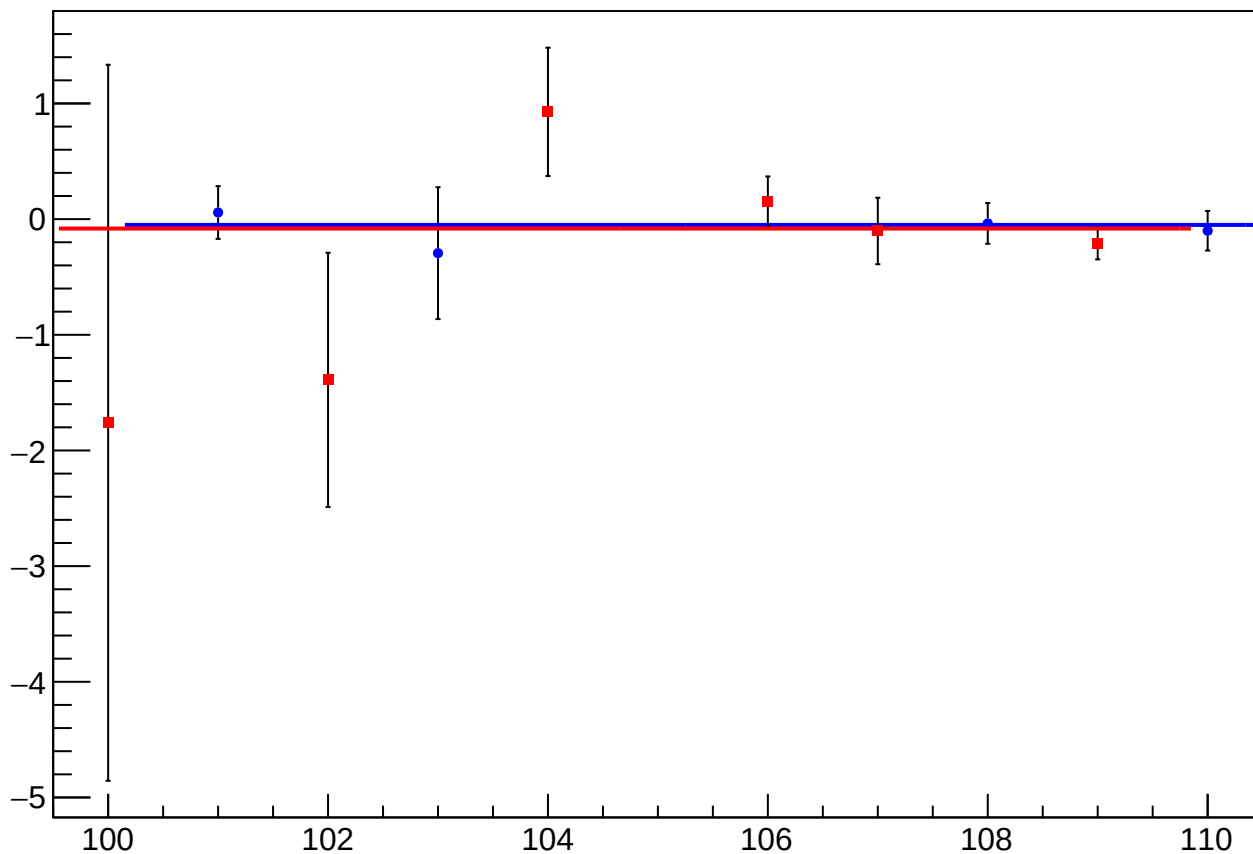
Right: 127.912+/-0.053 χ^2/NDF : 1836199.6/9

In: 131.375+/-0.075 χ^2/NDF : 754145.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.912+/-0.053 χ^2/NDF : 1836199.6/9

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.106 χ^2/NDF : 0.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.081 ± 0.107 χ^2/NDF : 6.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

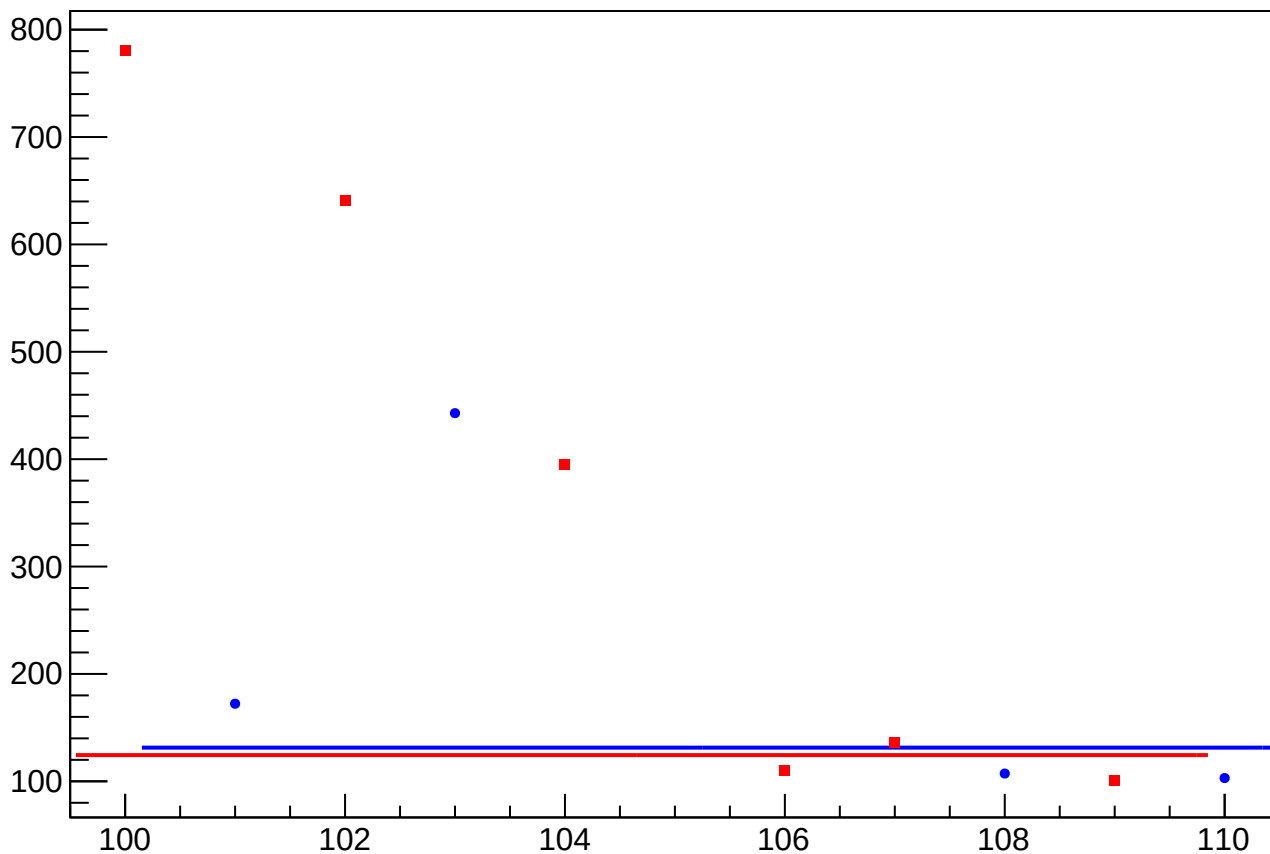
Right: -0.066 ± 0.075 χ^2/NDF : 7.5/9

In: -0.050 ± 0.106 χ^2/NDF : 0.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.066 ± 0.075 χ^2/NDF : 7.5/9

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.375+/-0.075 χ^2/NDF : 754145.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.425+/-0.075 χ^2/NDF : 1077788.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

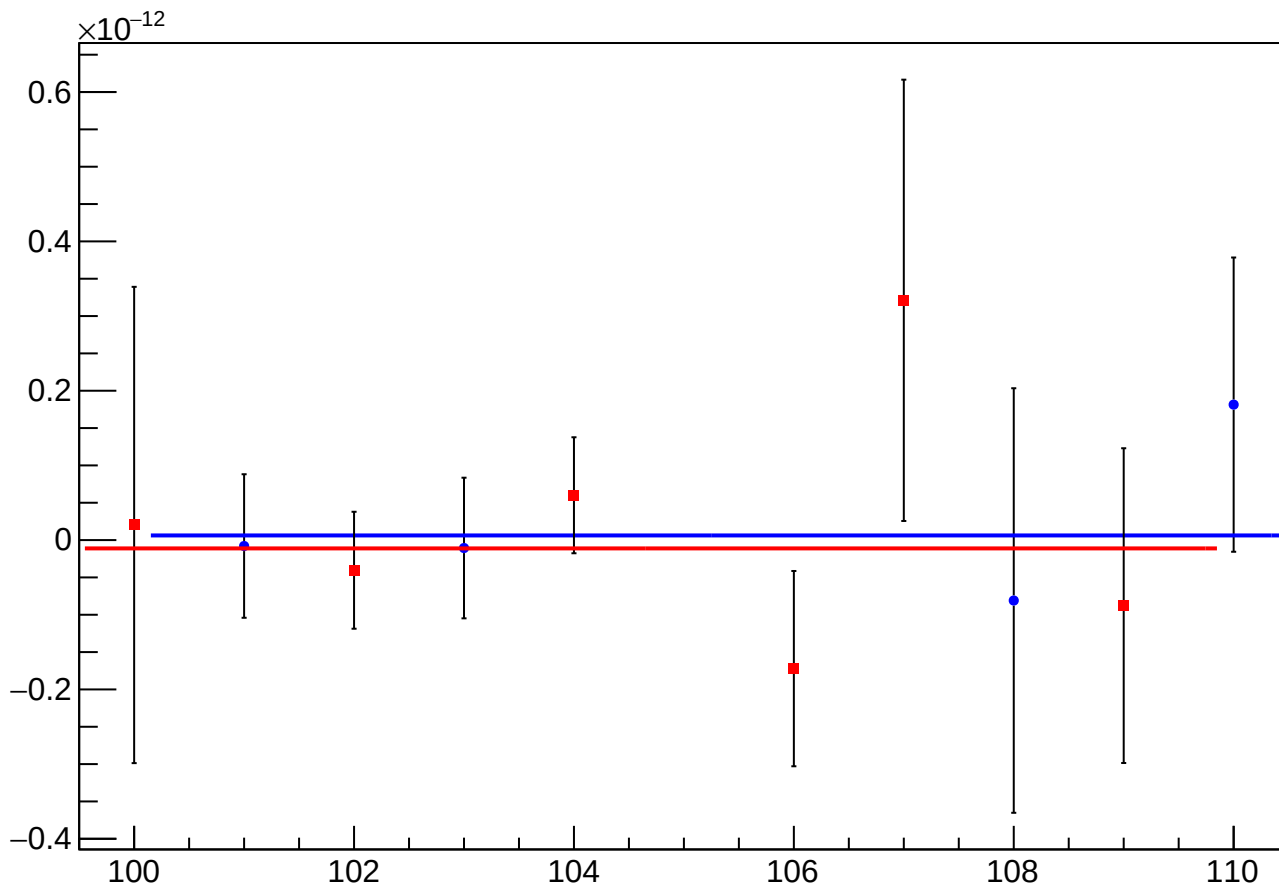
Right: 127.912+/-0.053 χ^2/NDF : 1836199.6/9

In: 131.375+/-0.075 χ^2/NDF : 754145.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.912+/-0.053 χ^2/NDF : 1836199.6/9

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

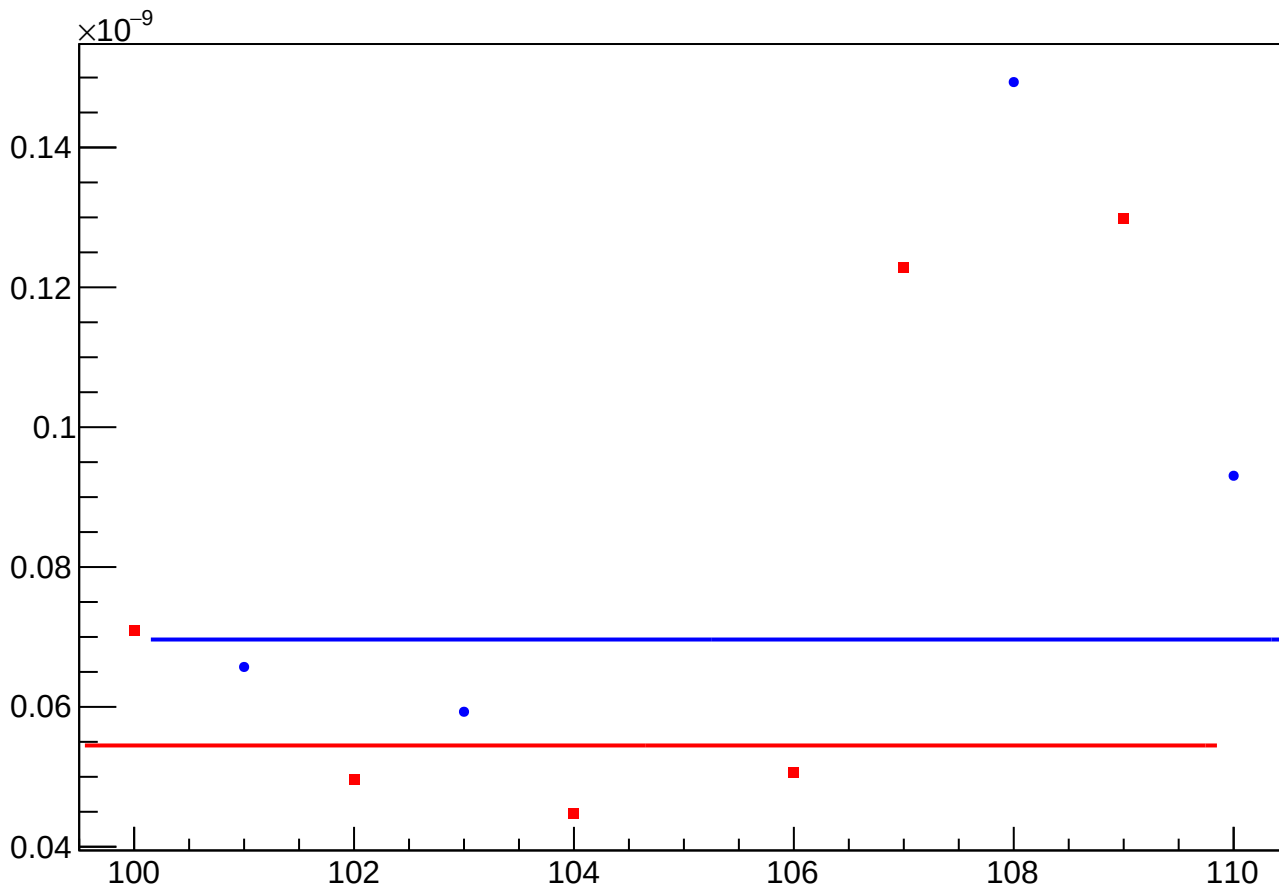
Right: -0.000+/-0.000 χ^2/NDF : 4.9/9

In: 0.000+/-0.000 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.9/9

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 212934.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 409115.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

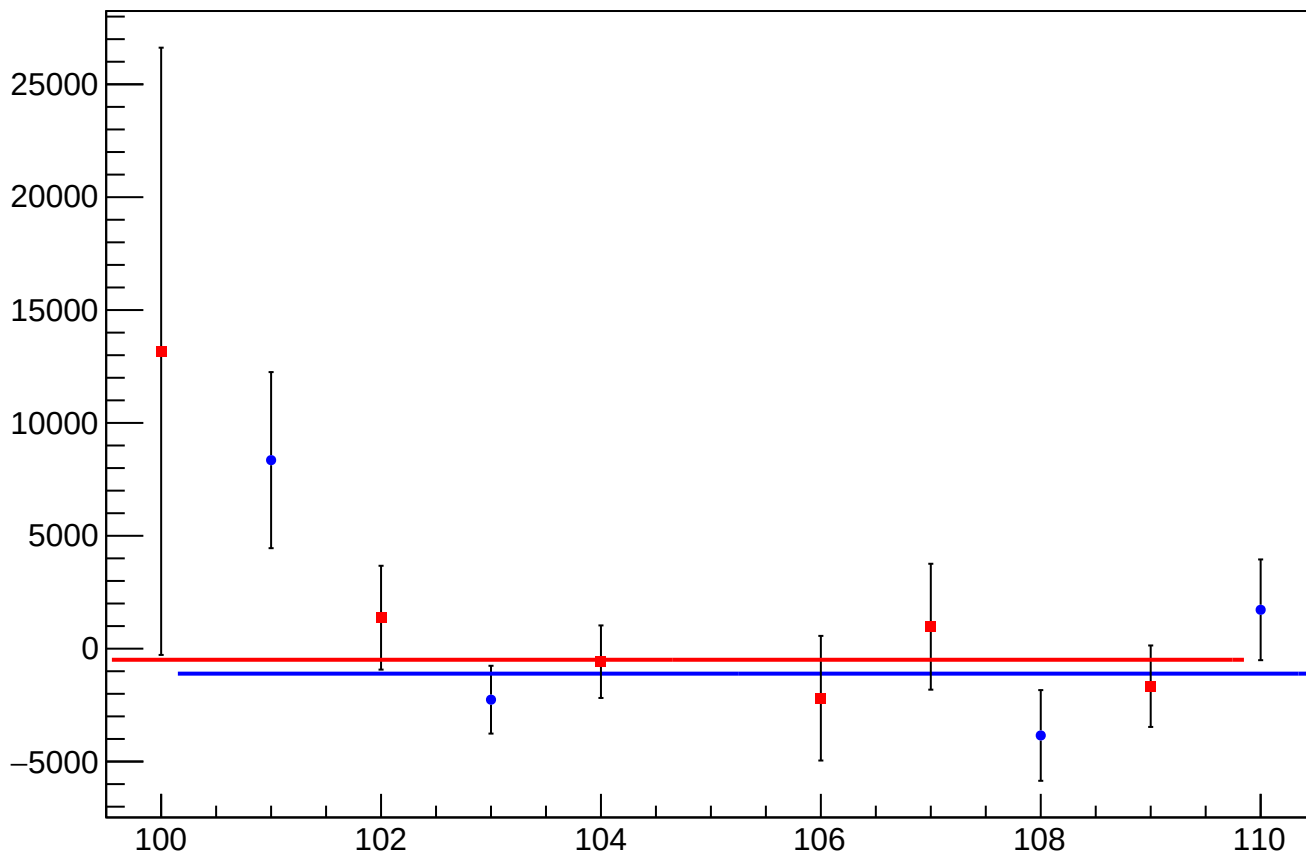
Right: 0.000+/-0.000 χ^2/NDF : 696364.9/9

In: 0.000+/-0.000 χ^2/NDF : 212934.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 696364.9/9

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1106.572+/-1021.871 χ^2/NDF : 9.9/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -491.911+/-932.955 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

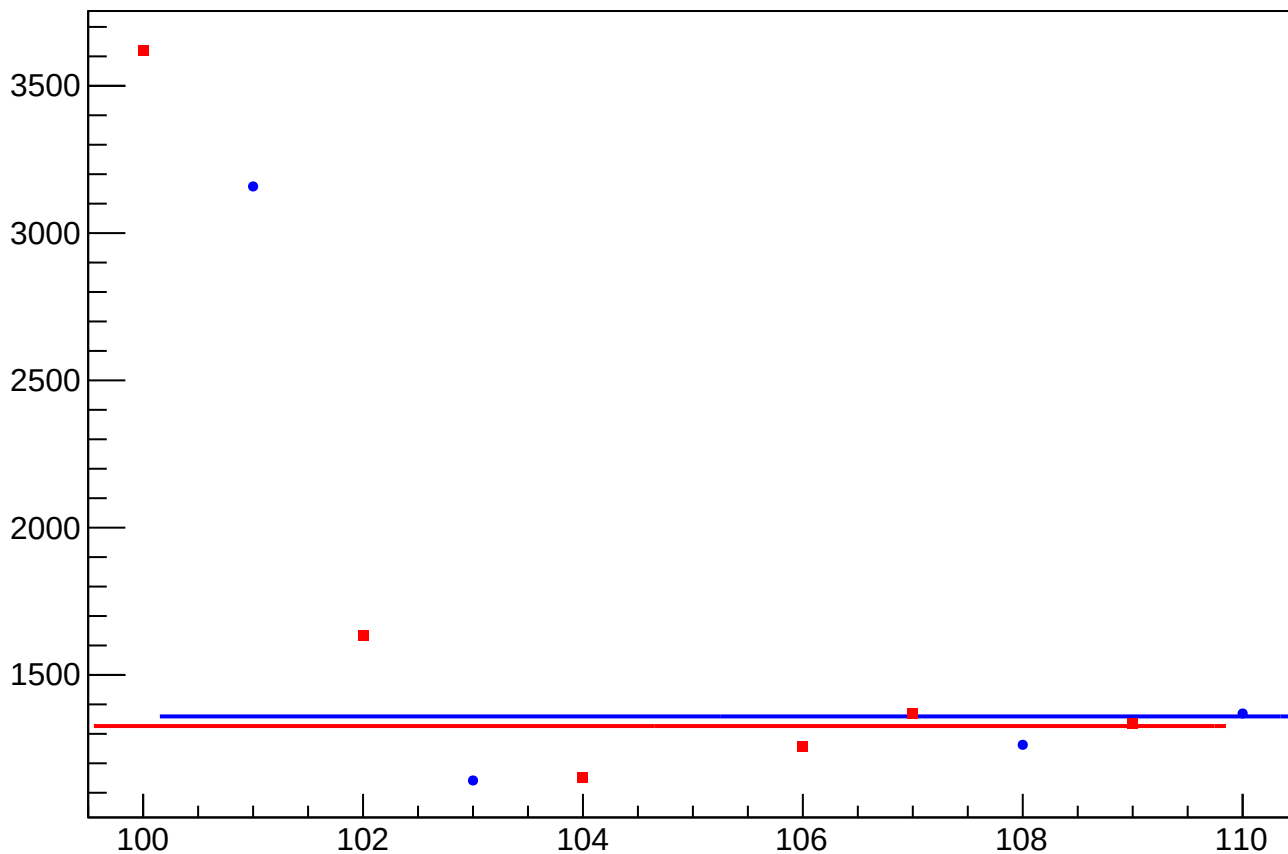
Right: -771.341+/-688.993 χ^2/NDF : 12.9/9

In: -1106.572+/-1021.871 χ^2/NDF :9.9/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -771.341+/-688.993 χ^2/NDF : 12.9/9

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1359.139+/-0.723 χ^2/NDF : 472241.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.472+/-0.653 χ^2/NDF : 119815.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

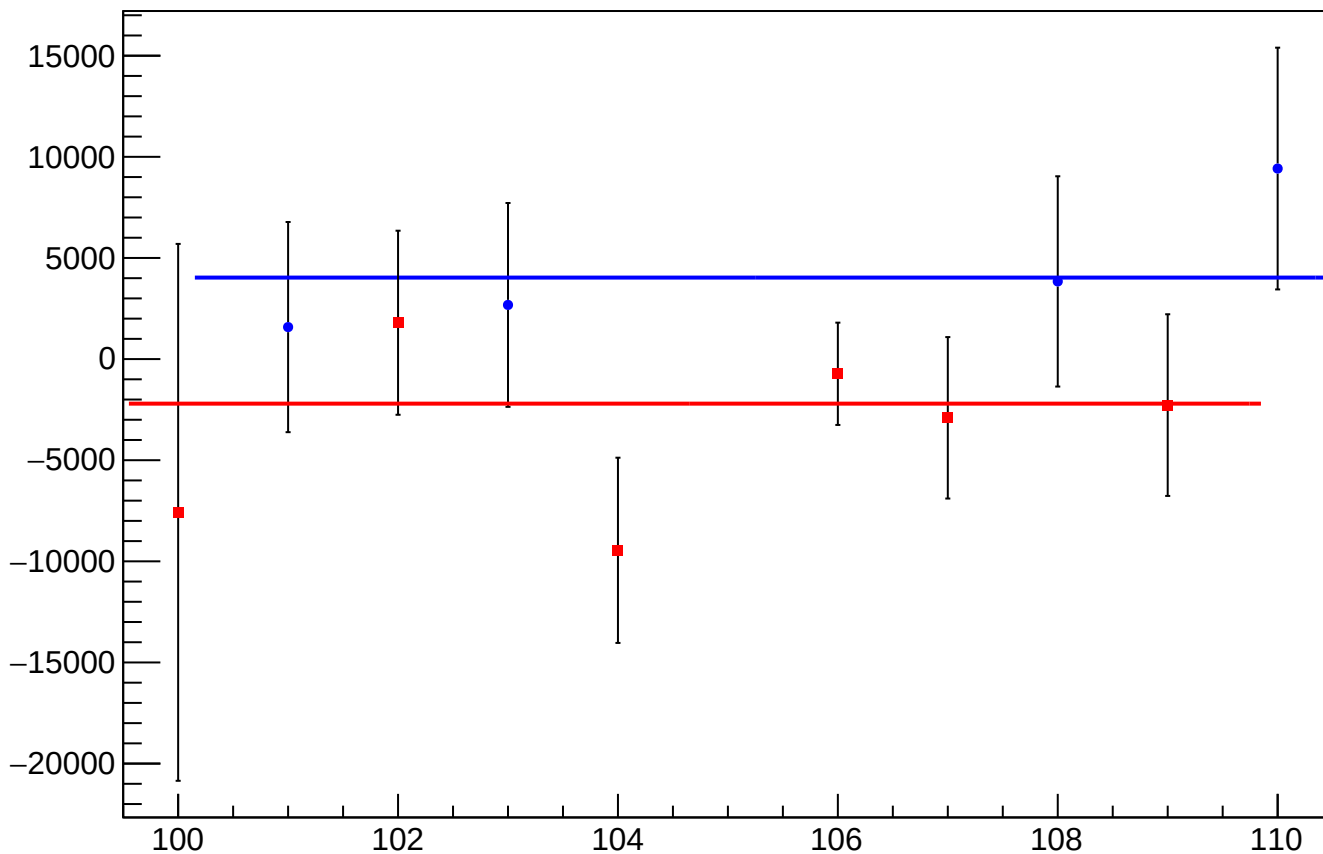
Right: 1341.168+/-0.485 χ^2/NDF : 593181.2/9

In: 1359.139+/-0.723 χ^2/NDF : 472241.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1341.168+/-0.485 χ^2/NDF : 593181.2/9

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 4029.666+/-2659.303 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2203.111+/-1643.179 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

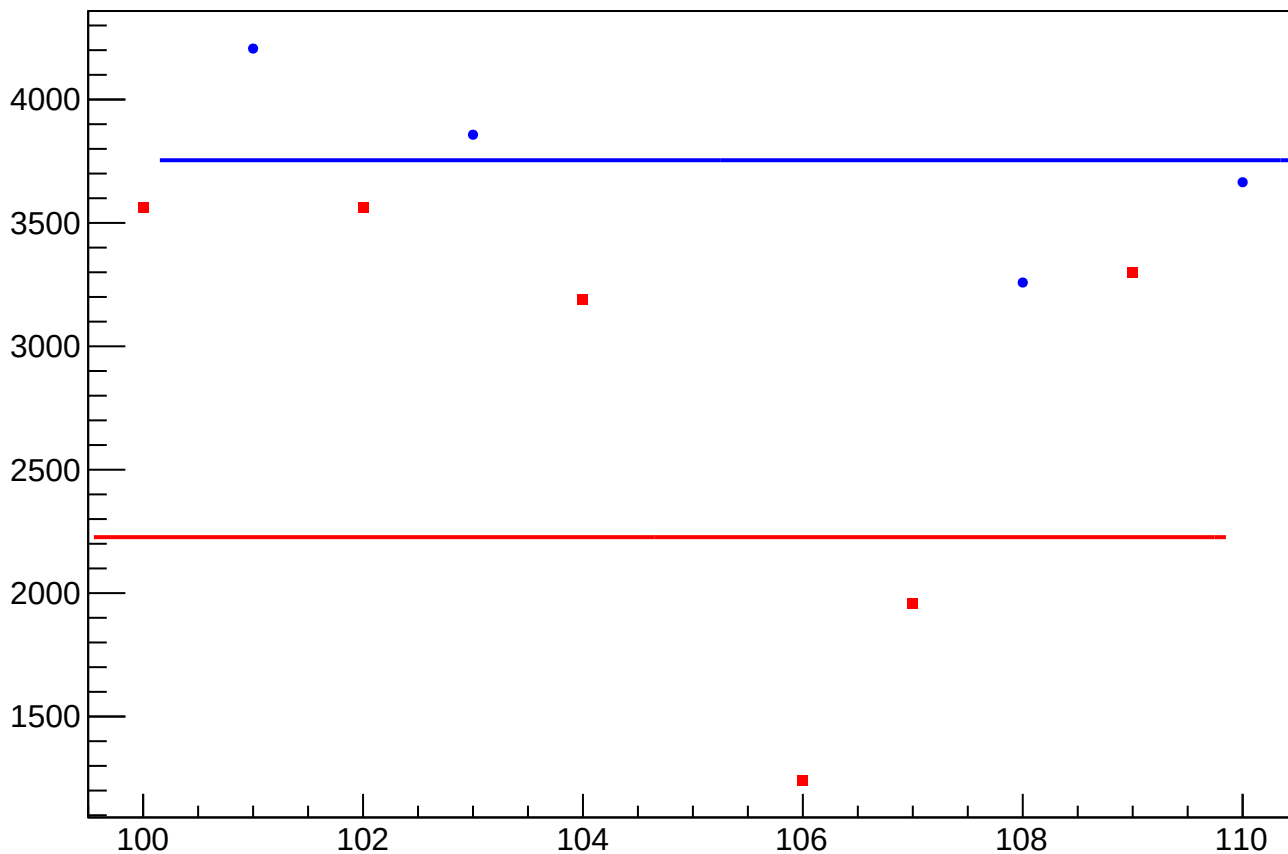
Right: -480.961+/-1397.857 χ^2/NDF : 8.9/9

In: 4029.666+/-2659.303 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -480.961+/-1397.857 χ^2/NDF : 8.9/9

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3753.972+/-1.880 χ^2/NDF : 34618.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2226.775+/-1.162 χ^2/NDF : 707505.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

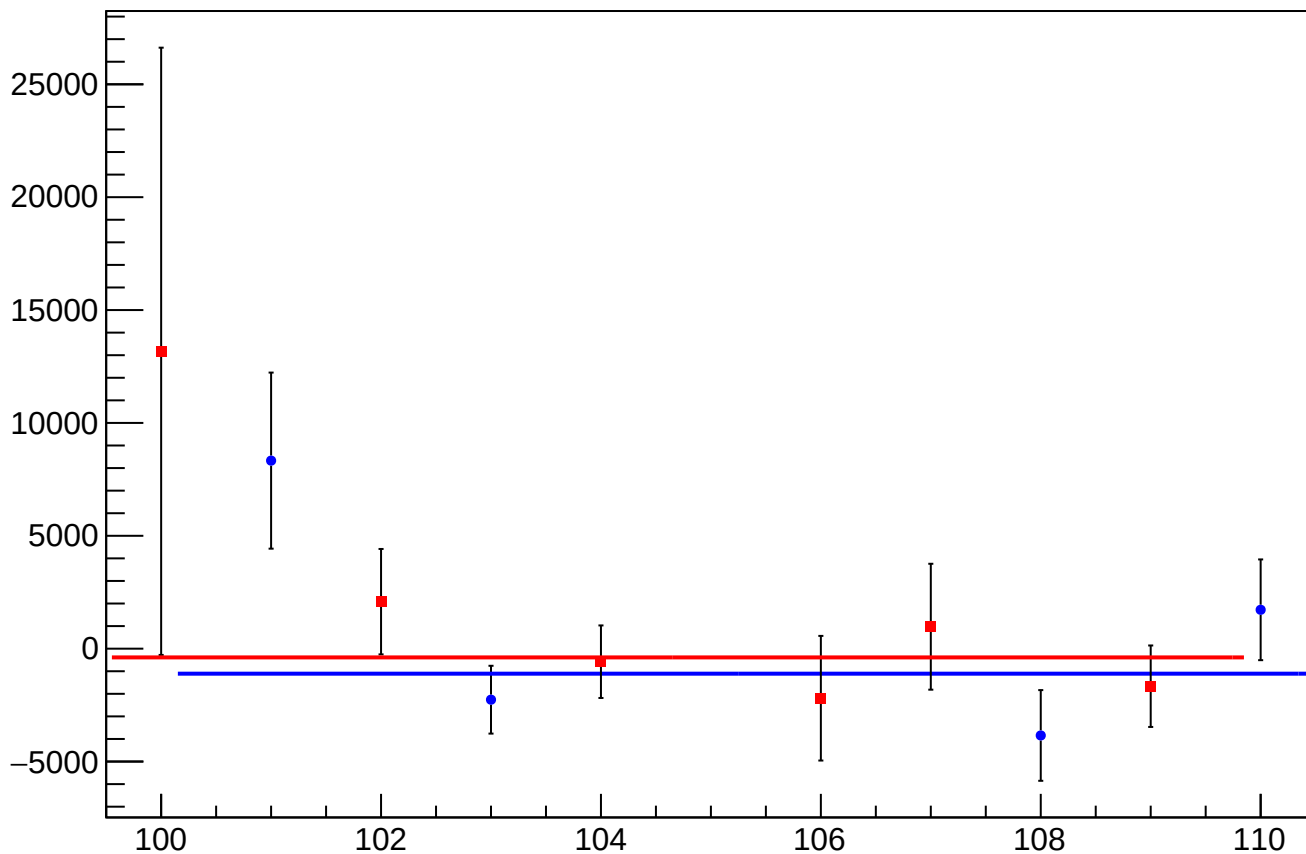
Right: 2648.748+/-0.988 χ^2/NDF : 1219476.6/9

In: 3753.972+/-1.880 χ^2/NDF : 34618.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2648.748+/-0.988 χ^2/NDF : 1219476.6/9

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1107.976+/-1021.872 χ^2/NDF : 9.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -387.255+/-935.226 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

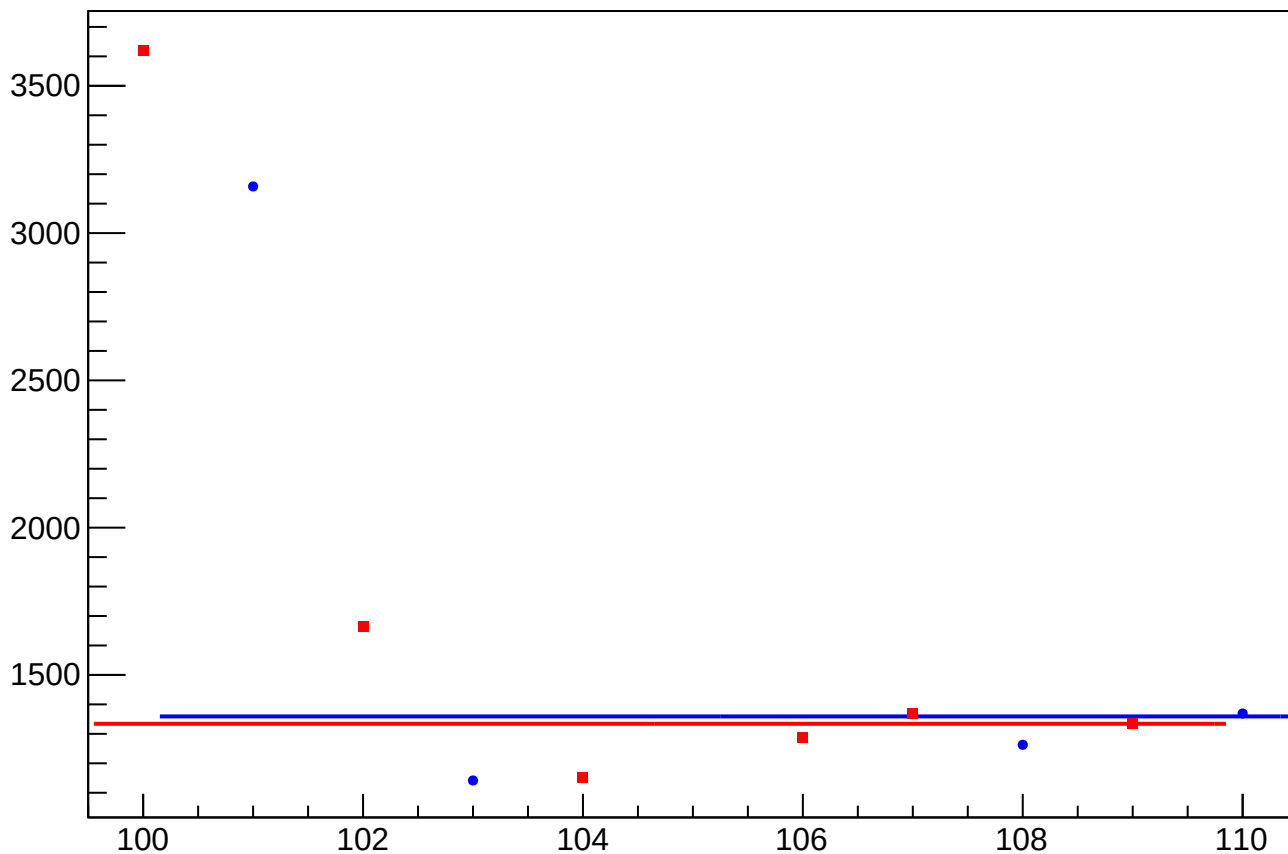
Right: -715.770+/-689.907 χ^2/NDF : 13.5/9

In: -1107.976+/-1021.872 χ^2/NDF : 9.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -715.770+/-689.907 χ^2/NDF : 13.5/9

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1359.138+/-0.723 χ^2/NDF : 472243.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.137+/-0.657 χ^2/NDF : 125276.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

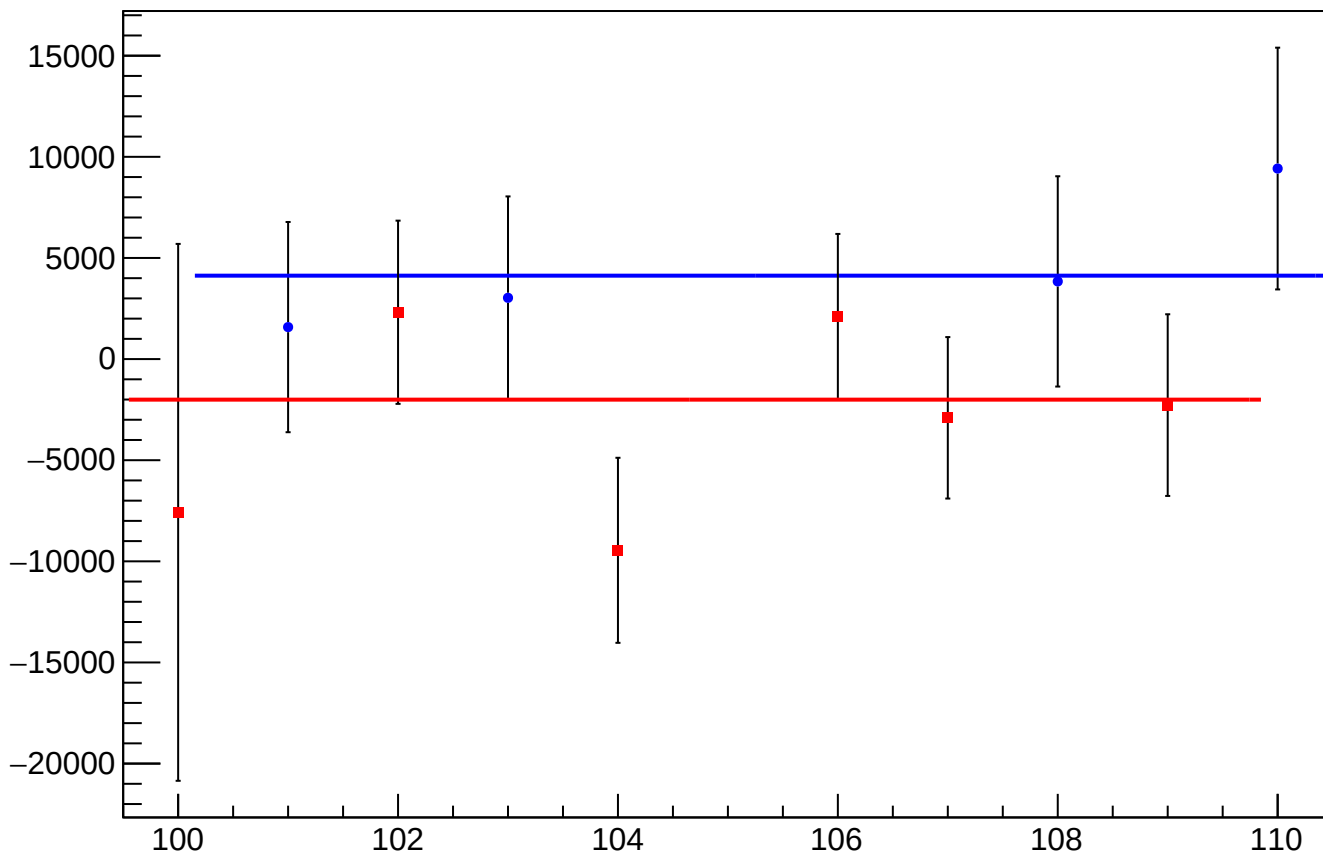
Right: 1345.449+/-0.486 χ^2/NDF : 598175.4/9

In: 1359.138+/-0.723 χ^2/NDF : 472243.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.449+/-0.486 χ^2/NDF : 598175.4/9

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 4124.476+/-2655.640 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2005.532+/-1908.465 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

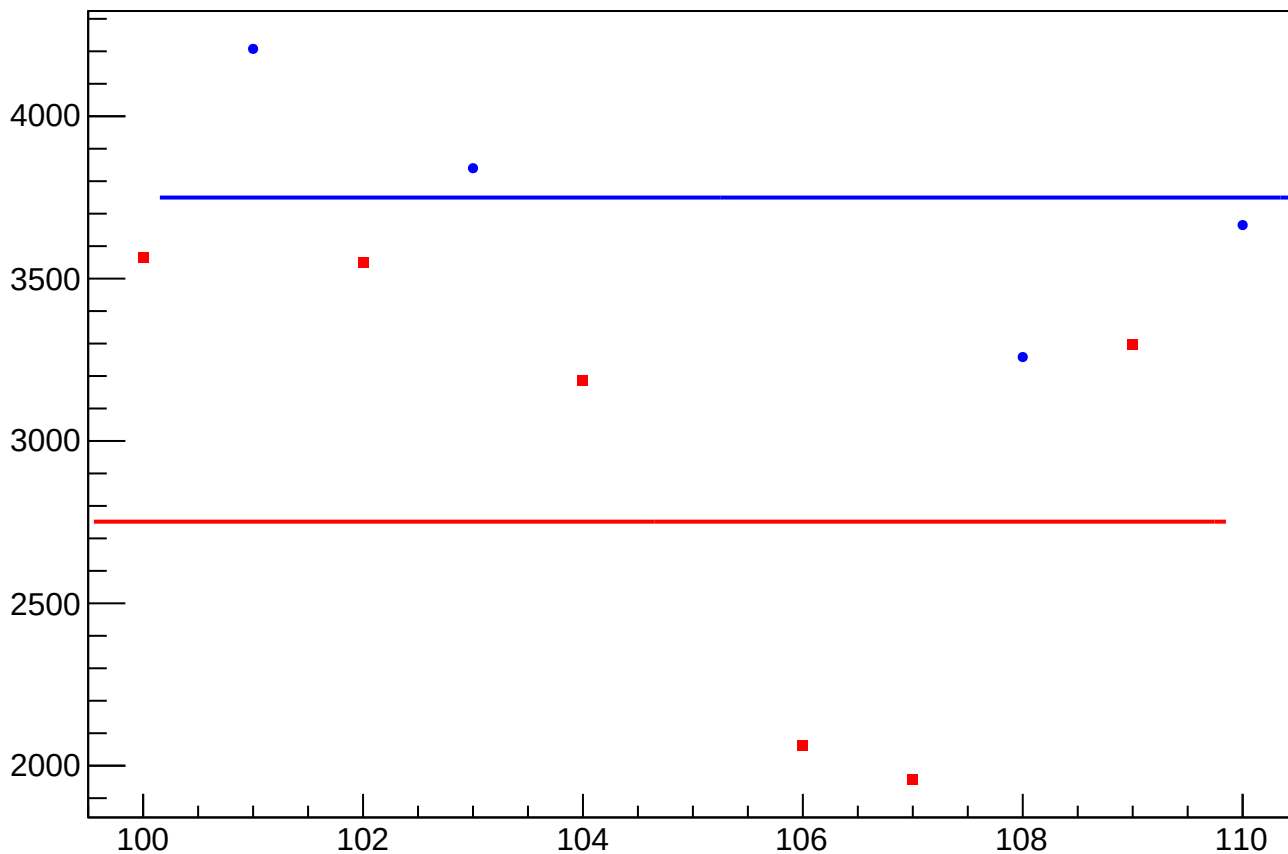
Right: 82.140+/-1549.779 χ^2/NDF : 9.4/9

In: 4124.476+/-2655.640 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.140+/-1549.779 χ^2/NDF : 9.4/9

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3749.637+/-1.878 χ^2/NDF : 34428.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2751.513+/-1.349 χ^2/NDF : 253868.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

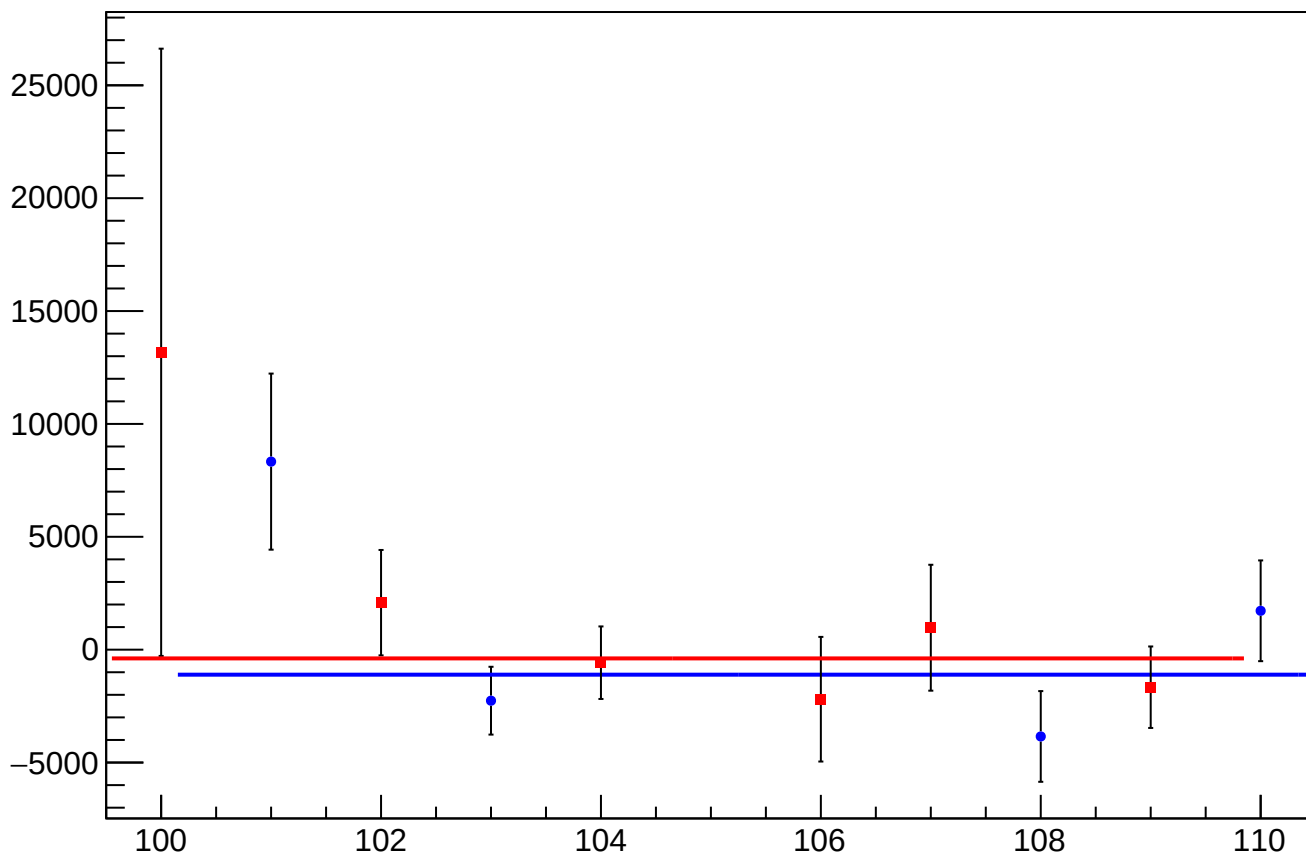
Right: 3091.440+/-1.096 χ^2/NDF : 474605.3/9

In: 3749.637+/-1.878 χ^2/NDF : 34428.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3091.440+/-1.096 χ^2/NDF : 474605.3/9

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1107.976+/-1021.872 χ^2/NDF : 9.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -387.255+/-935.226 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

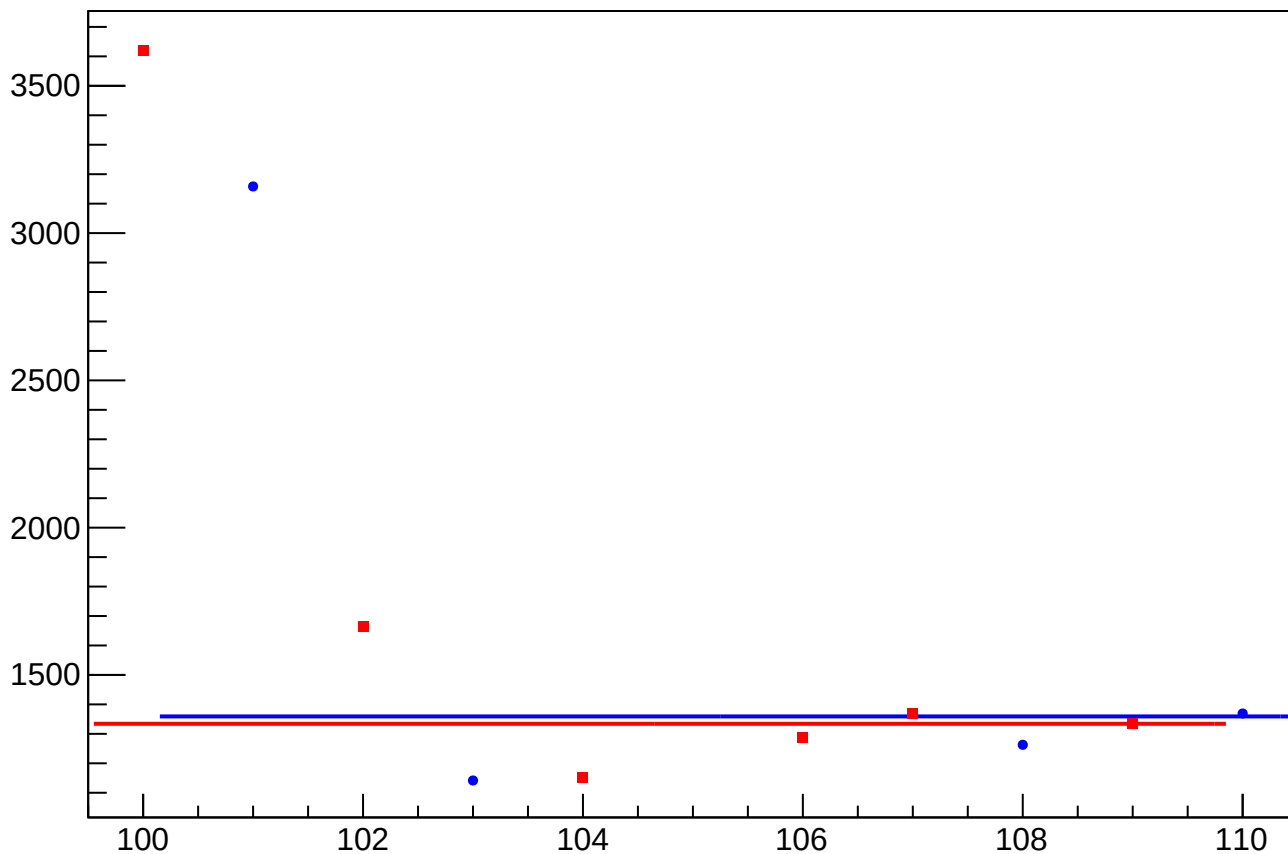
Right: -715.770+/-689.907 χ^2/NDF : 13.5/9

In: -1107.976+/-1021.872 χ^2/NDF : 9.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -715.770+/-689.907 χ^2/NDF : 13.5/9

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1359.138+/-0.723 χ^2/NDF : 472243.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.137+/-0.657 χ^2/NDF : 125276.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

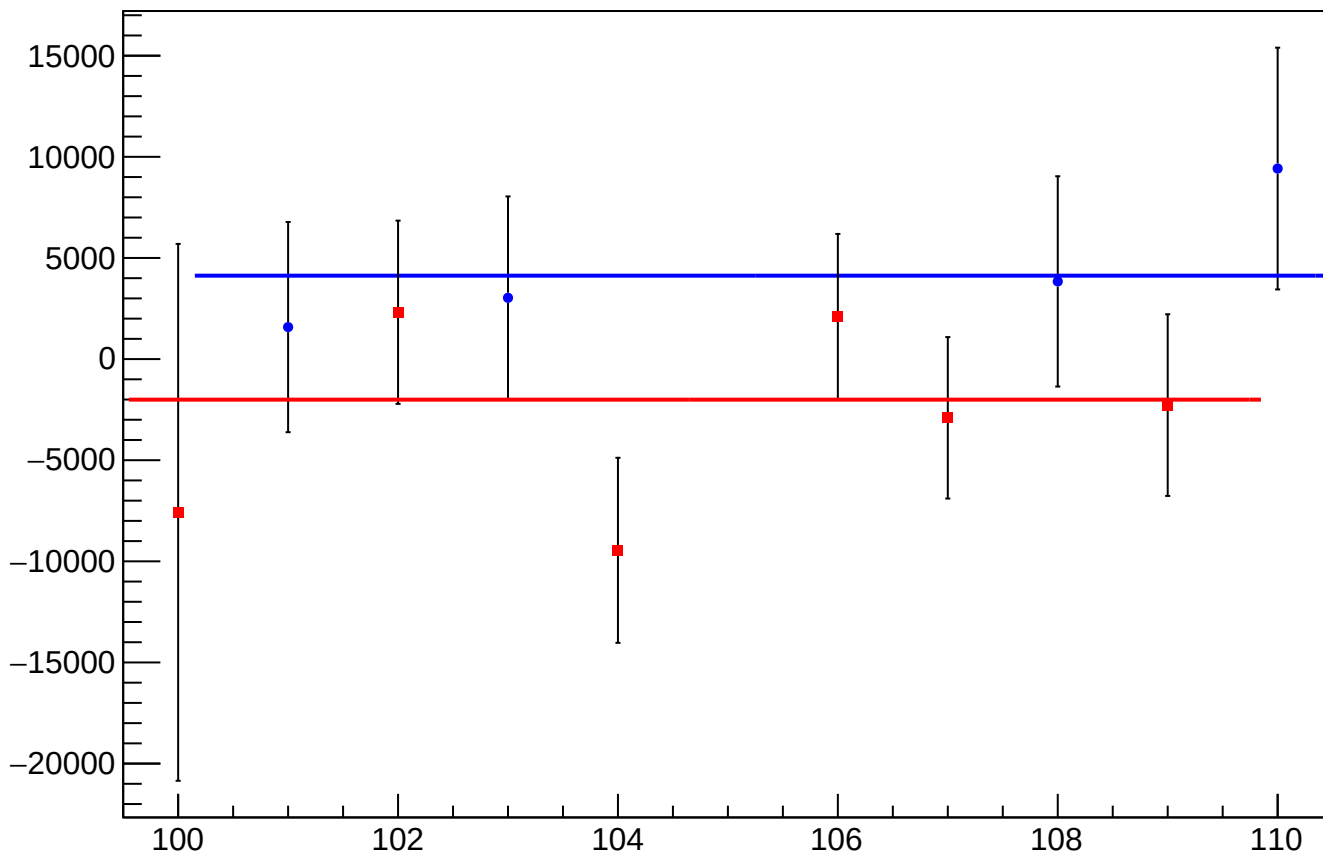
Right: 1345.449+/-0.486 χ^2/NDF : 598175.4/9

In: 1359.138+/-0.723 χ^2/NDF : 472243.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.449+/-0.486 χ^2/NDF : 598175.4/9

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 4124.476+/-2655.640 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2005.532+/-1908.465 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

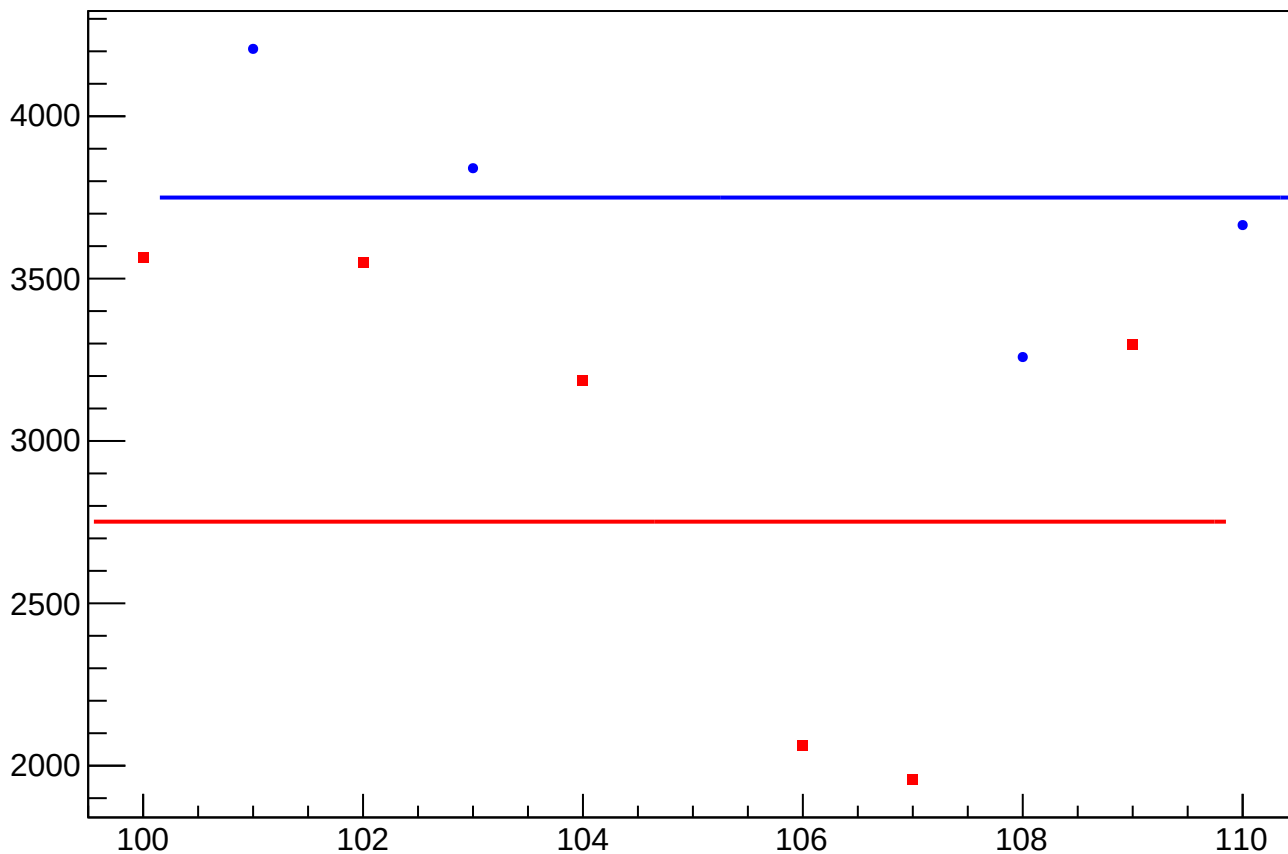
Right: 82.140+/-1549.779 χ^2/NDF : 9.4/9

In: 4124.476+/-2655.640 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.140+/-1549.779 χ^2/NDF : 9.4/9

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3749.637+/-1.878 χ^2/NDF : 34428.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2751.513+/-1.349 χ^2/NDF : 253868.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

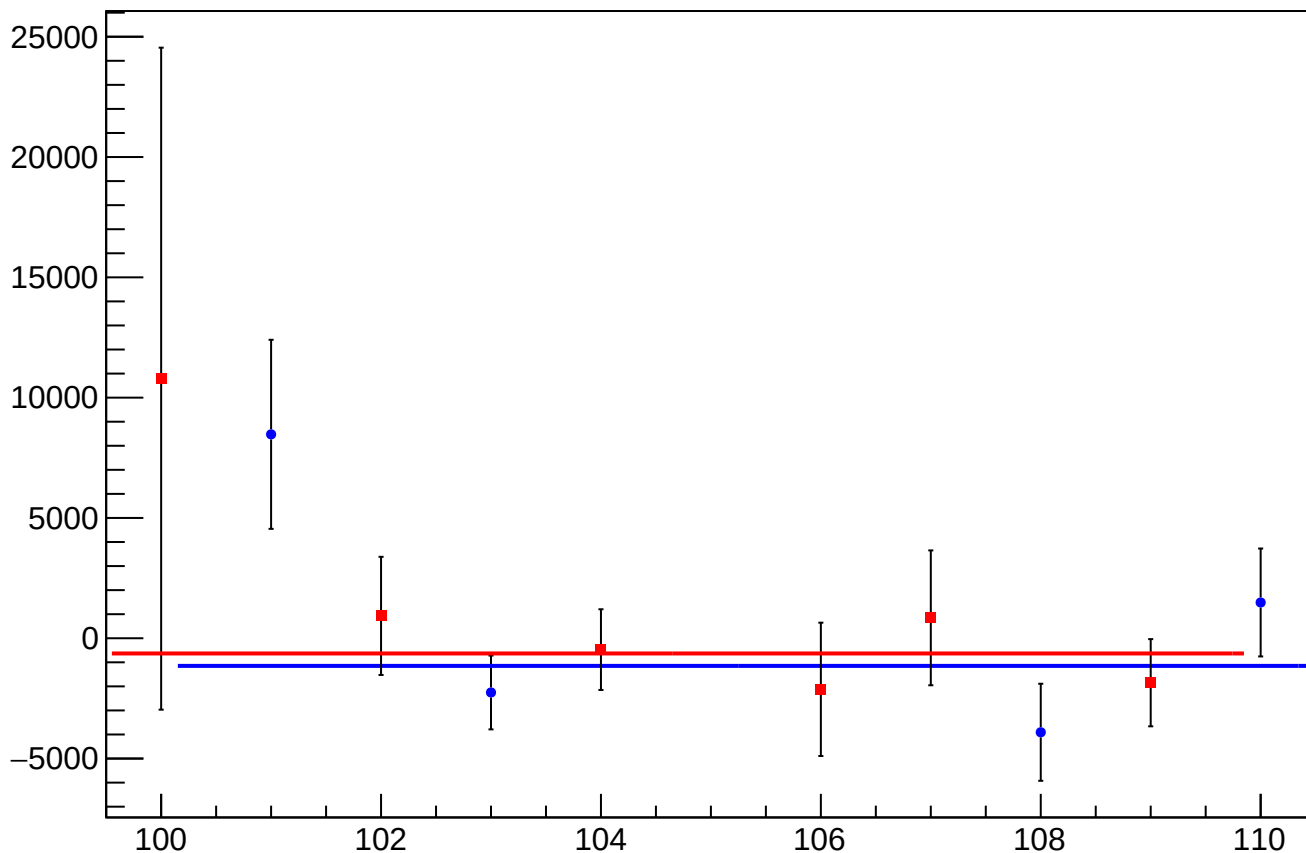
Right: 3091.440+/-1.096 χ^2/NDF : 474605.3/9

In: 3749.637+/-1.878 χ^2/NDF : 34428.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3091.440+/-1.096 χ^2/NDF : 474605.3/9

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1148.663+/-1034.623 χ^2/NDF : 9.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -631.990+/-958.419 χ^2/NDF : 2.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

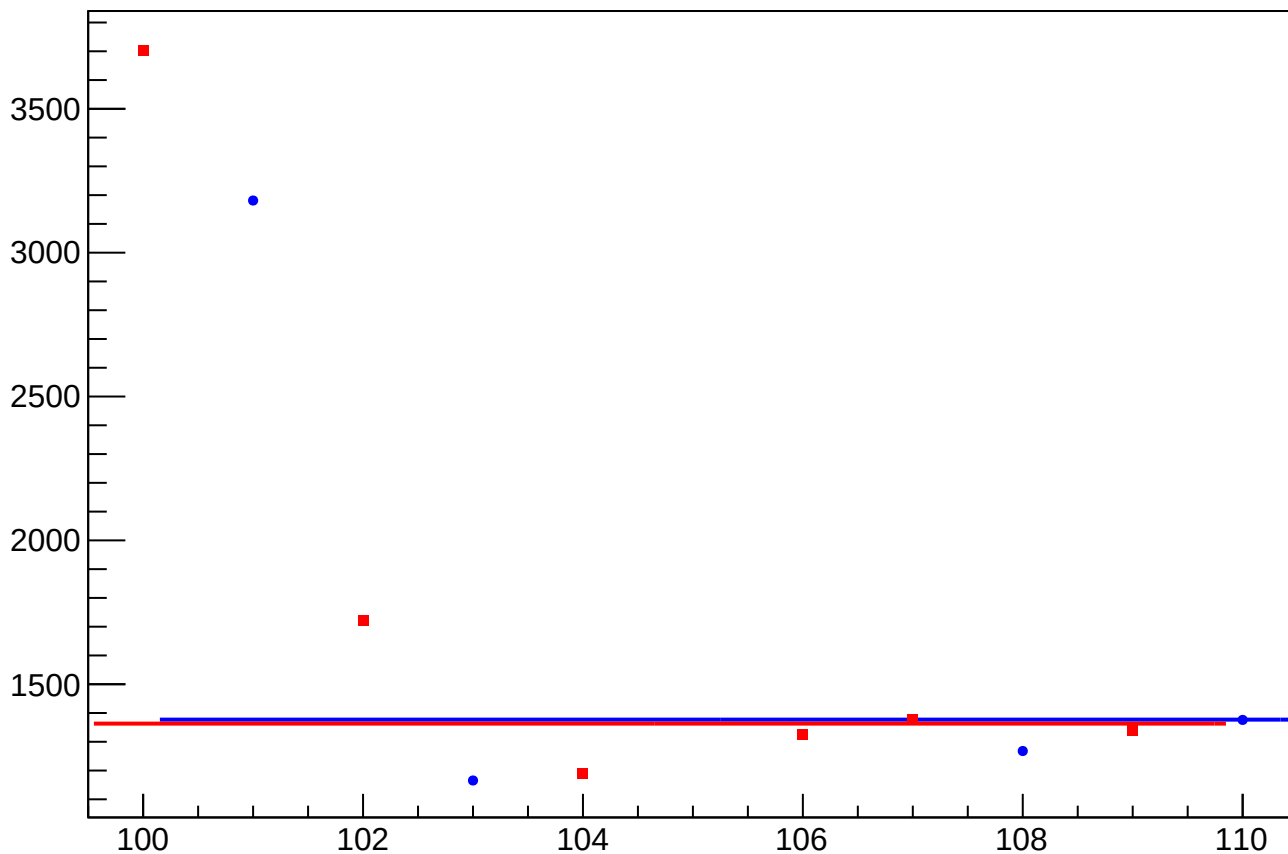
Right: -870.601+/-703.103 χ^2/NDF : 12.0/9

In: -1148.663+/-1034.623 χ^2/NDF : 9.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -870.601+/-703.103 χ^2/NDF : 12.0/9

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1376.966+/-0.732 χ^2/NDF : 465616.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1363.109+/-0.676 χ^2/NDF : 122428.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

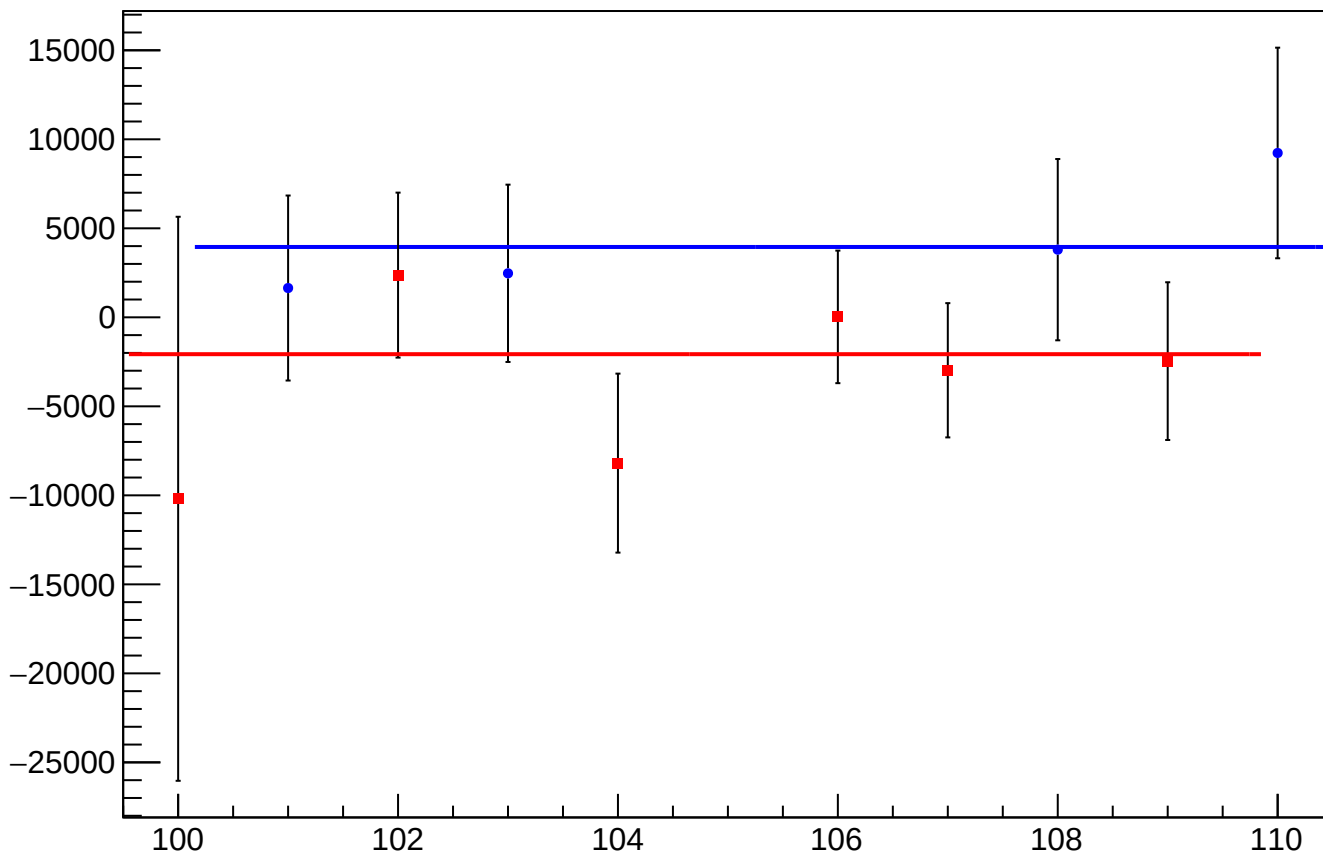
Right: 1369.489+/-0.496 χ^2/NDF : 588239.2/9

In: 1376.966+/-0.732 χ^2/NDF : 465616.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.489+/-0.496 χ^2/NDF : 588239.2/9

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 3951.694 $\pm$ 2630.587 χ^2 /NDF: 1.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2070.568 $\pm$ 1877.935 χ^2 /NDF: 3.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

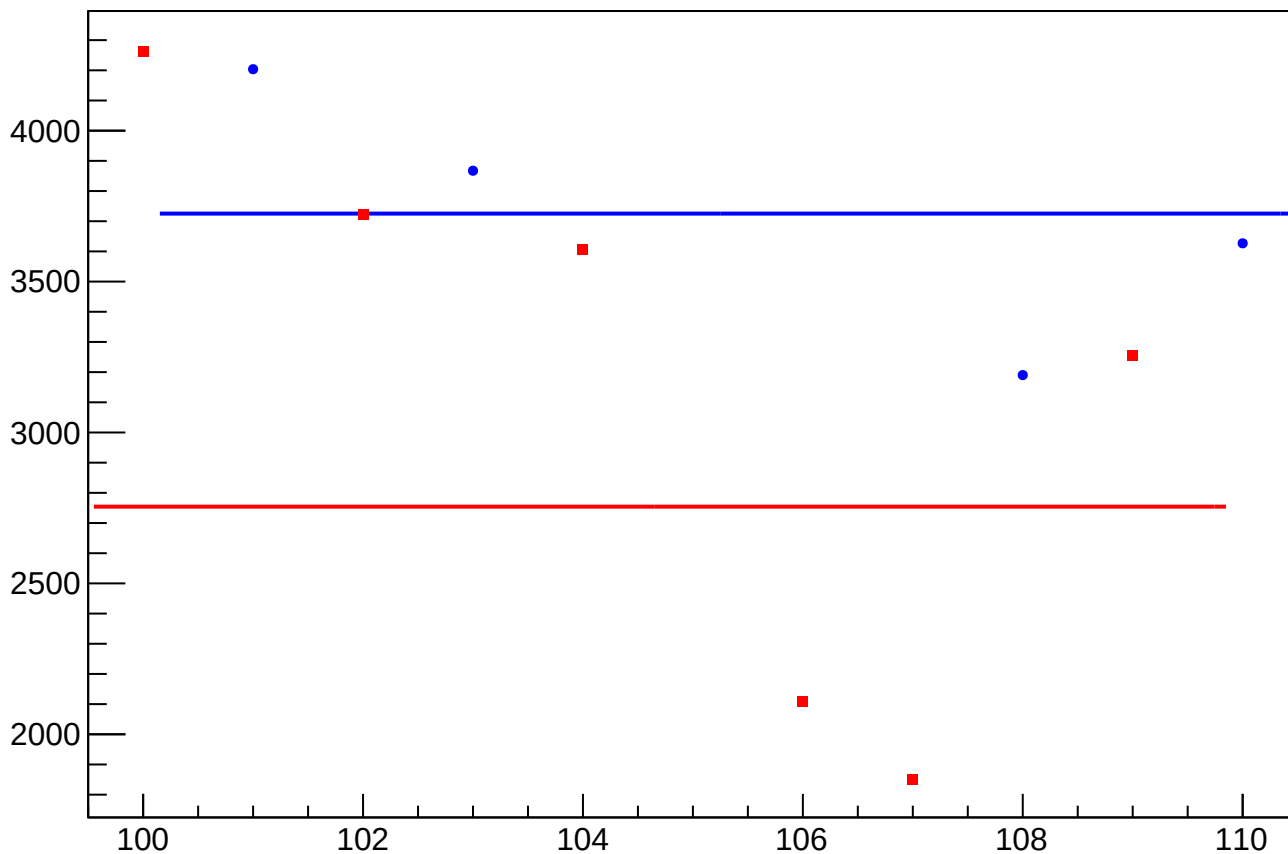
Right: -37.534 $\pm$ 1528.429 χ^2 /NDF: 7.6/9

In: 3951.694 $\pm$ 2630.587 χ^2 /NDF:1.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -37.534 $\pm$ 1528.429 χ^2 /NDF: 7.6/9

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3725.270+/-1.860 χ^2/NDF : 41221.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2754.284+/-1.328 χ^2/NDF : 364191.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

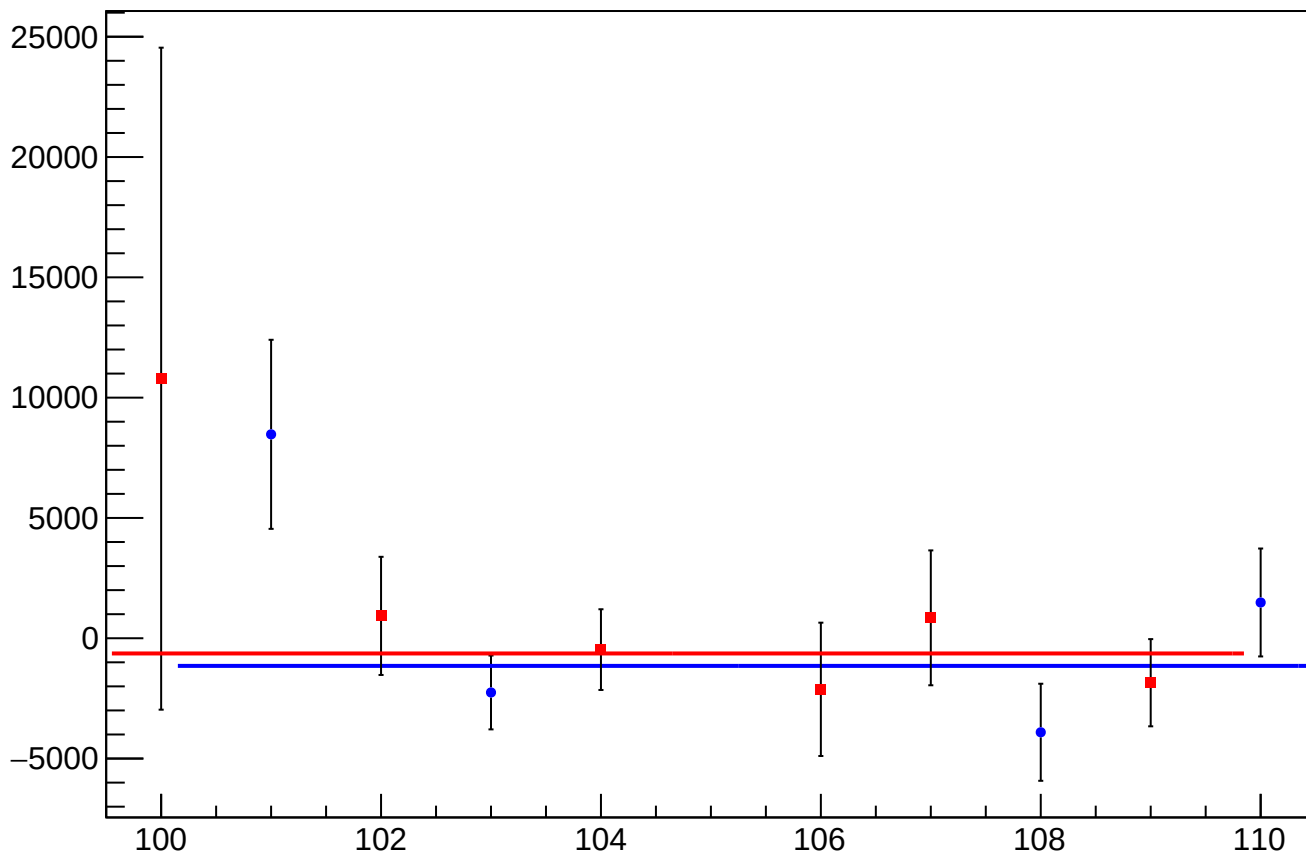
Right: 3082.076+/-1.081 χ^2/NDF : 585913.7/9

In: 3725.270+/-1.860 χ^2/NDF : 41221.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3082.076+/-1.081 χ^2/NDF : 585913.7/9

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1148.671+/-1034.623 χ^2 /NDF: 9.8/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -631.997+/-958.419 χ^2 /NDF: 2.1/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

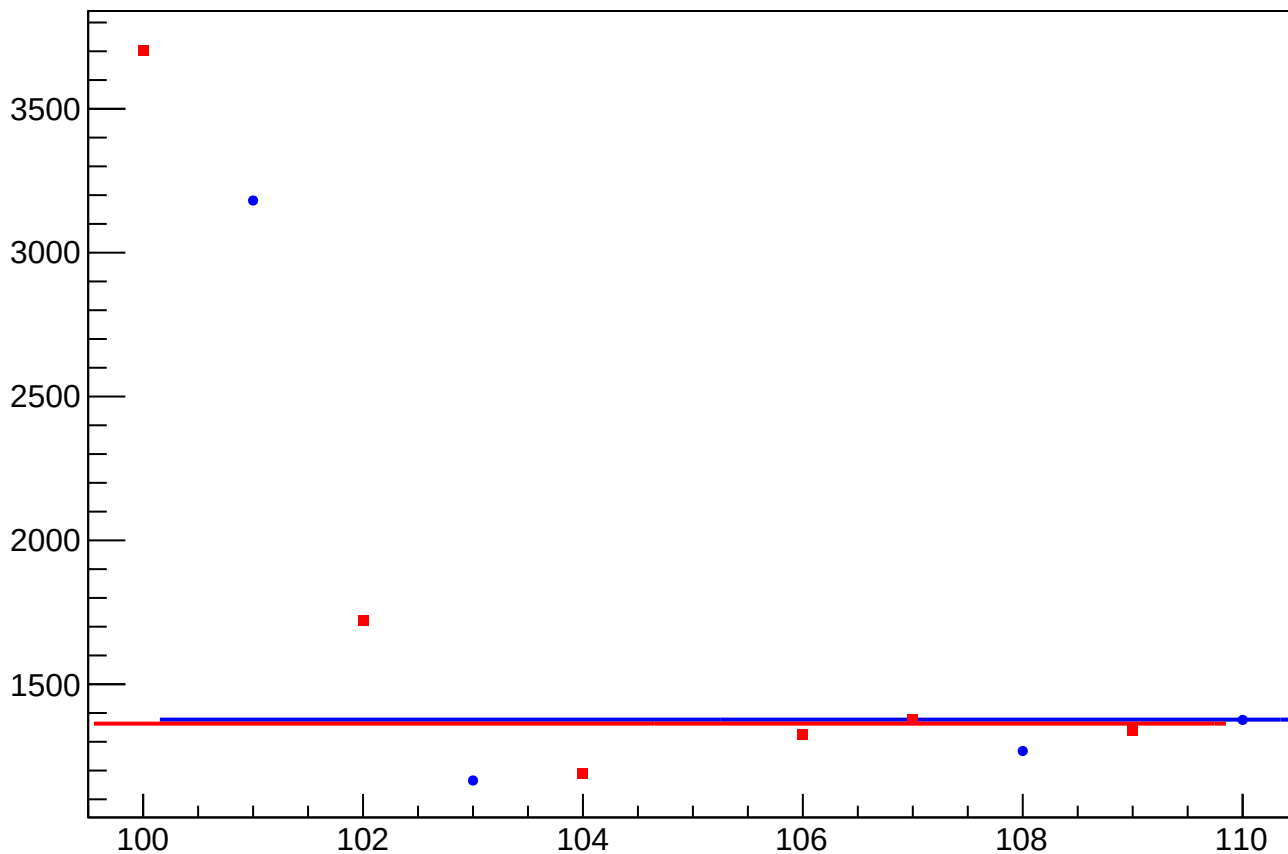
Right: -870.608+/-703.103 χ^2 /NDF: 12.0/9

In: -1148.671+/-1034.623 χ^2 /NDF: 9.8/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -870.608+/-703.103 χ^2 /NDF: 12.0/9

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1376.966+/-0.732 χ^2/NDF : 465616.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1363.109+/-0.676 χ^2/NDF : 122429.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

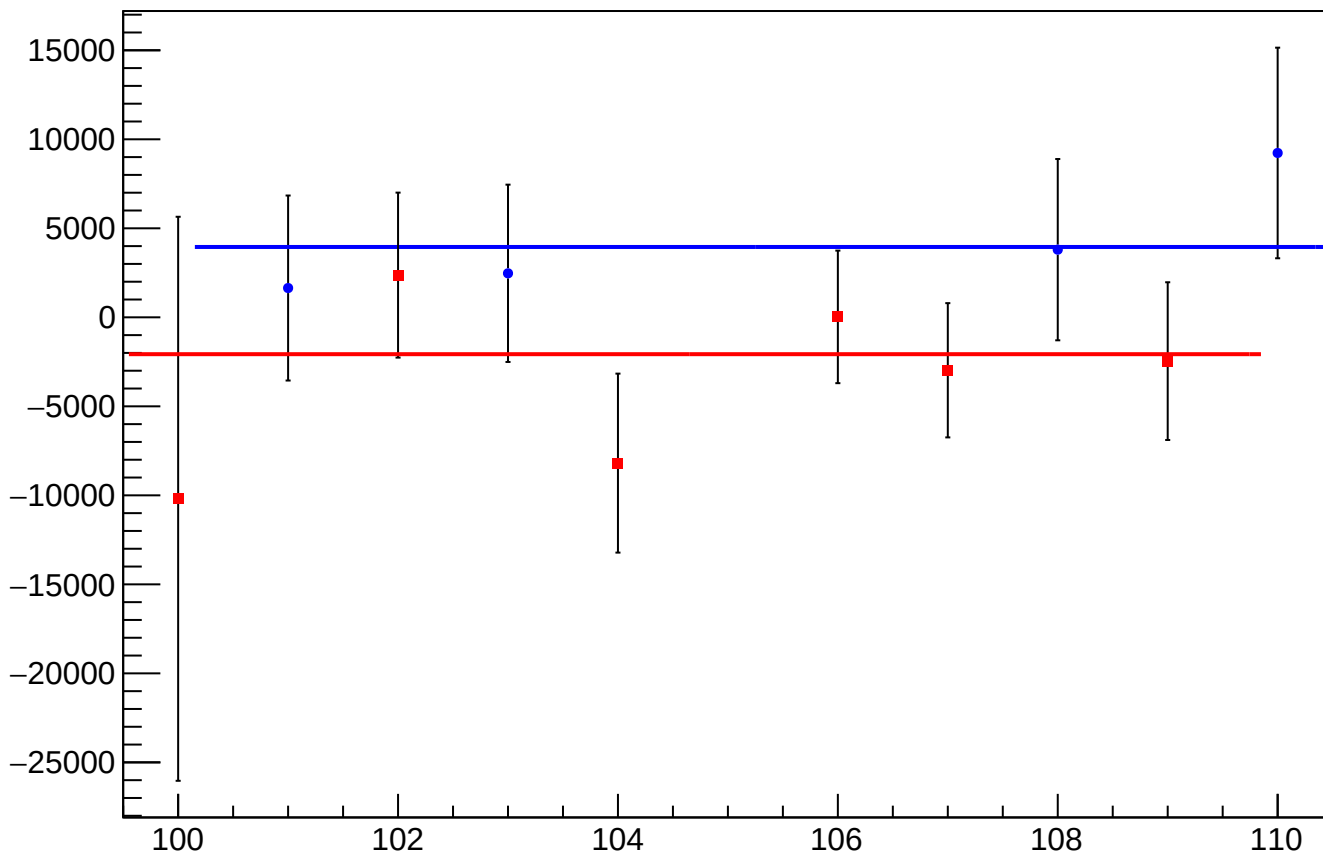
Right: 1369.489+/-0.496 χ^2/NDF : 588239.3/9

In: 1376.966+/-0.732 χ^2/NDF : 465616.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.489+/-0.496 χ^2/NDF : 588239.3/9

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3951.695 $\pm$ 2630.585 χ^2 /NDF: 1.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2070.573 $\pm$ 1877.932 χ^2 /NDF: 3.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

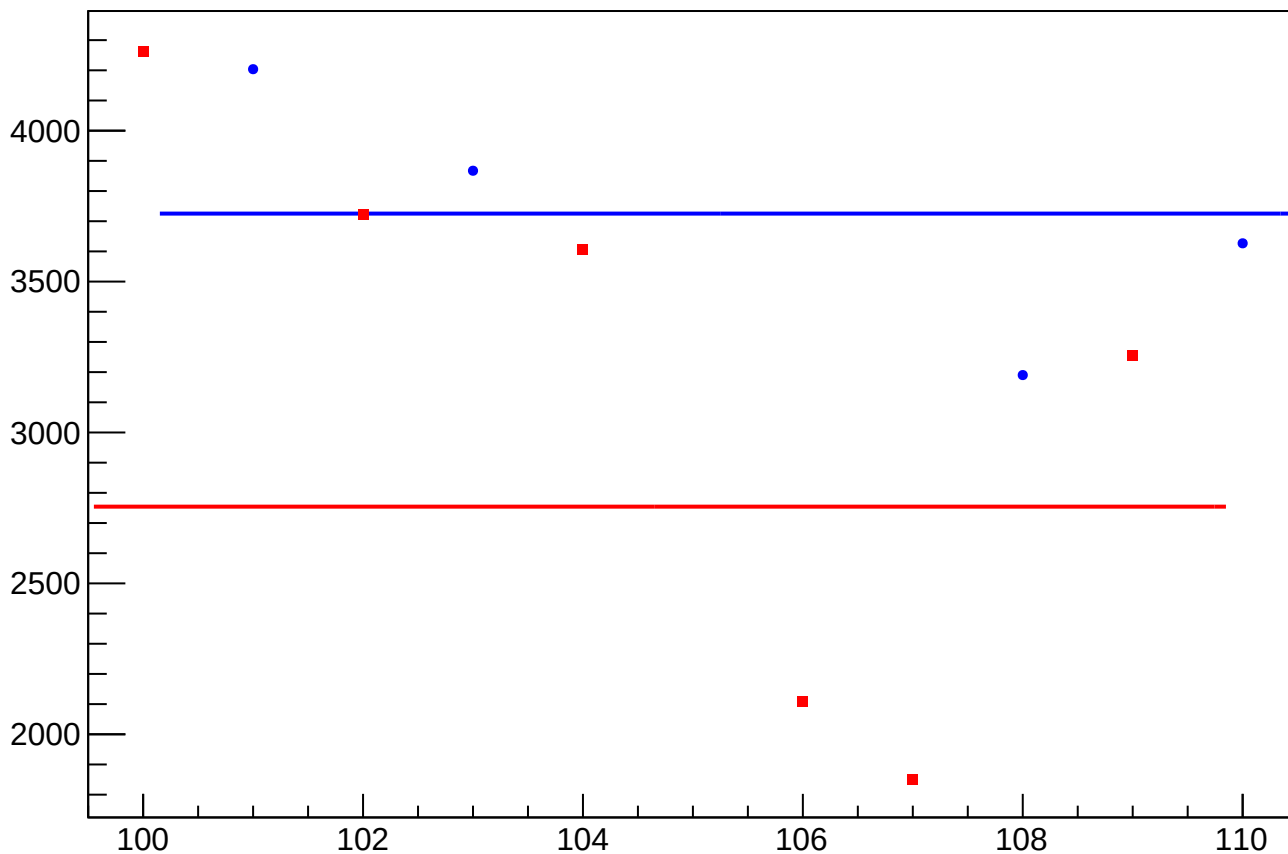
Right: -37.539 $\pm$ 1528.427 χ^2 /NDF: 7.6/9

In: 3951.695 $\pm$ 2630.585 χ^2 /NDF:1.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -37.539 $\pm$ 1528.427 χ^2 /NDF: 7.6/9

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3725.267+/-1.860 χ^2/NDF : 41221.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2754.279+/-1.328 χ^2/NDF : 364194.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

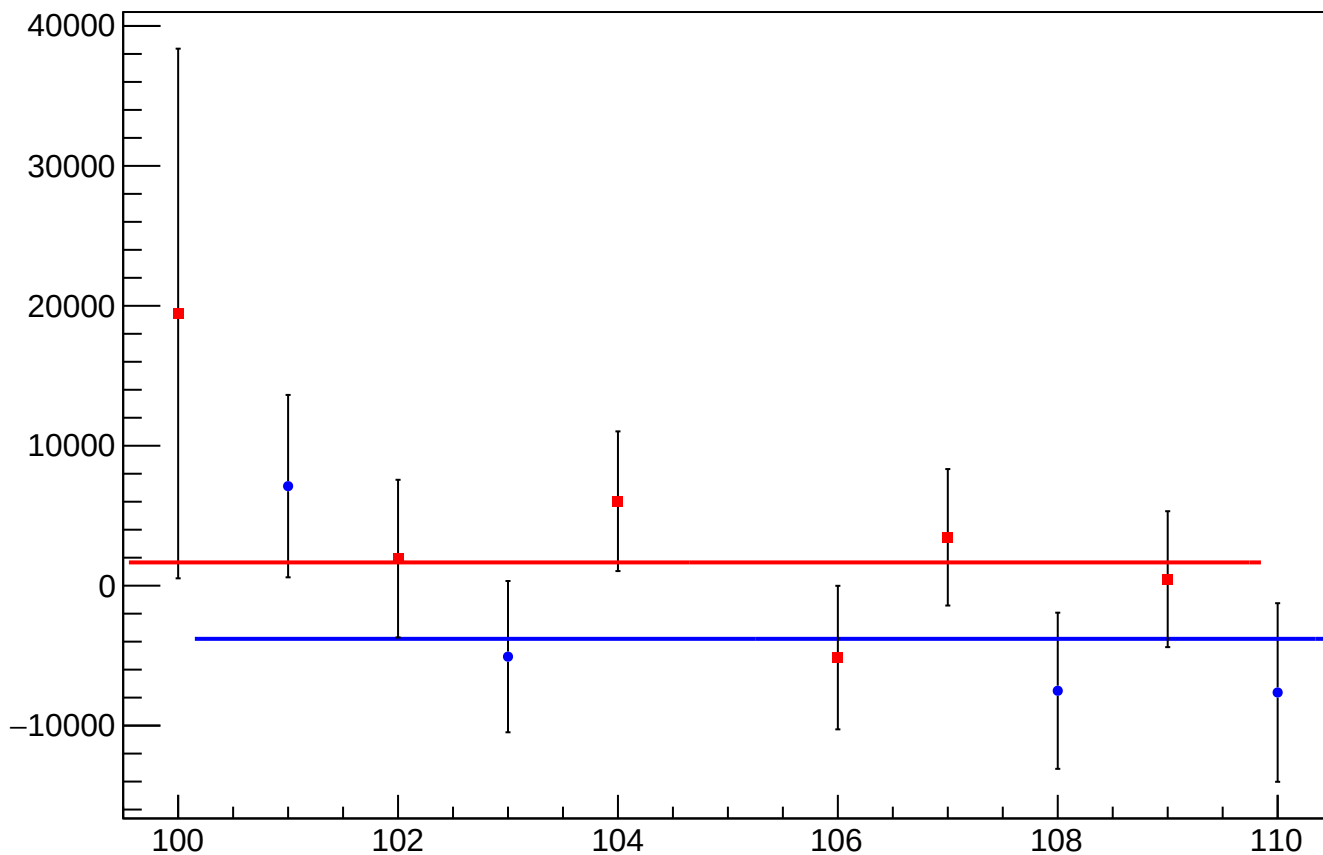
Right: 3082.071+/-1.081 χ^2/NDF : 585917.9/9

In: 3725.267+/-1.860 χ^2/NDF : 41221.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3082.071+/-1.081 χ^2/NDF : 585917.9/9

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -3799.910+/-2956.202 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1661.540+/-2253.686 χ^2/NDF : 3.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

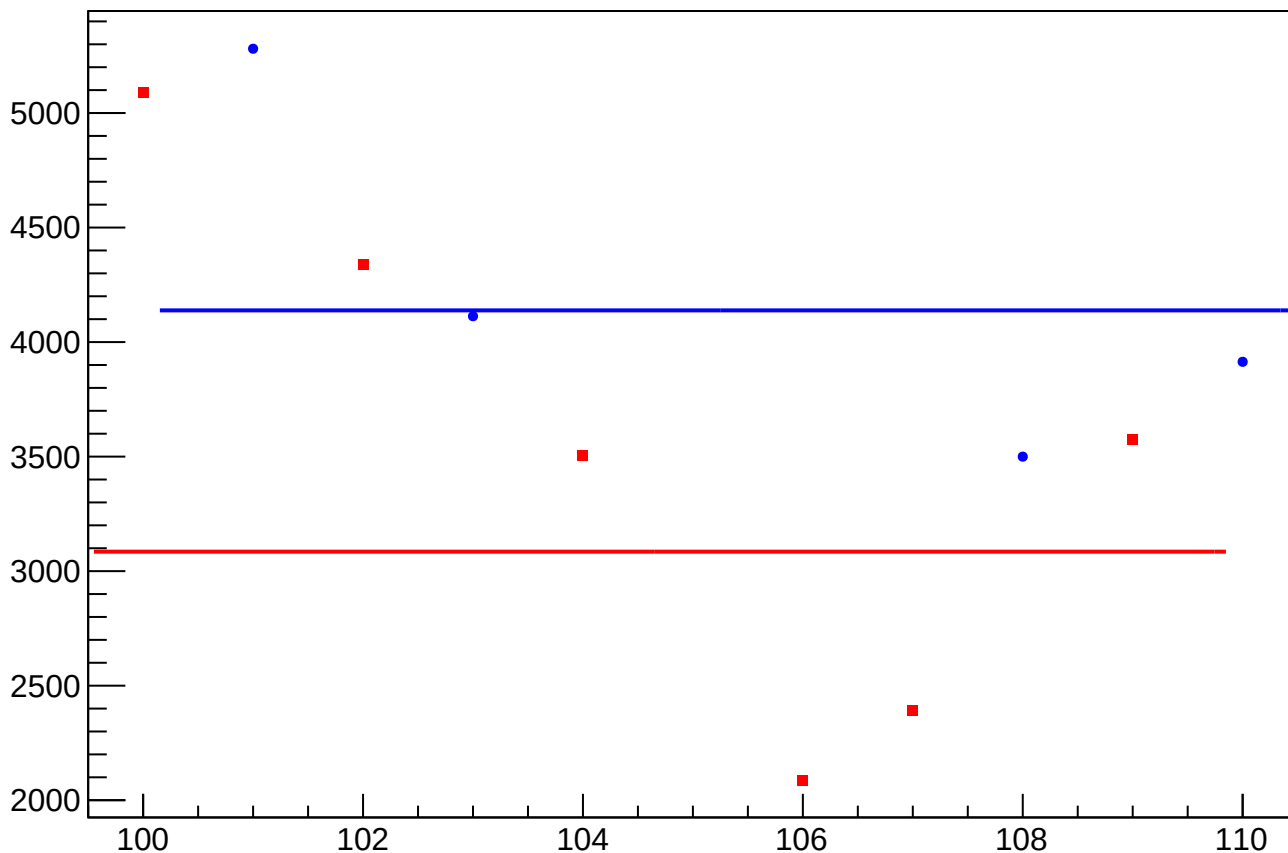
Right: -345.900+/-1792.261 χ^2/NDF : 9.4/9

In: -3799.910+/-2956.202 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.900+/-1792.261 χ^2/NDF : 9.4/9

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4138.388+/-2.090 χ^2/NDF : 90136.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3085.054+/-1.534 χ^2/NDF : 302461.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

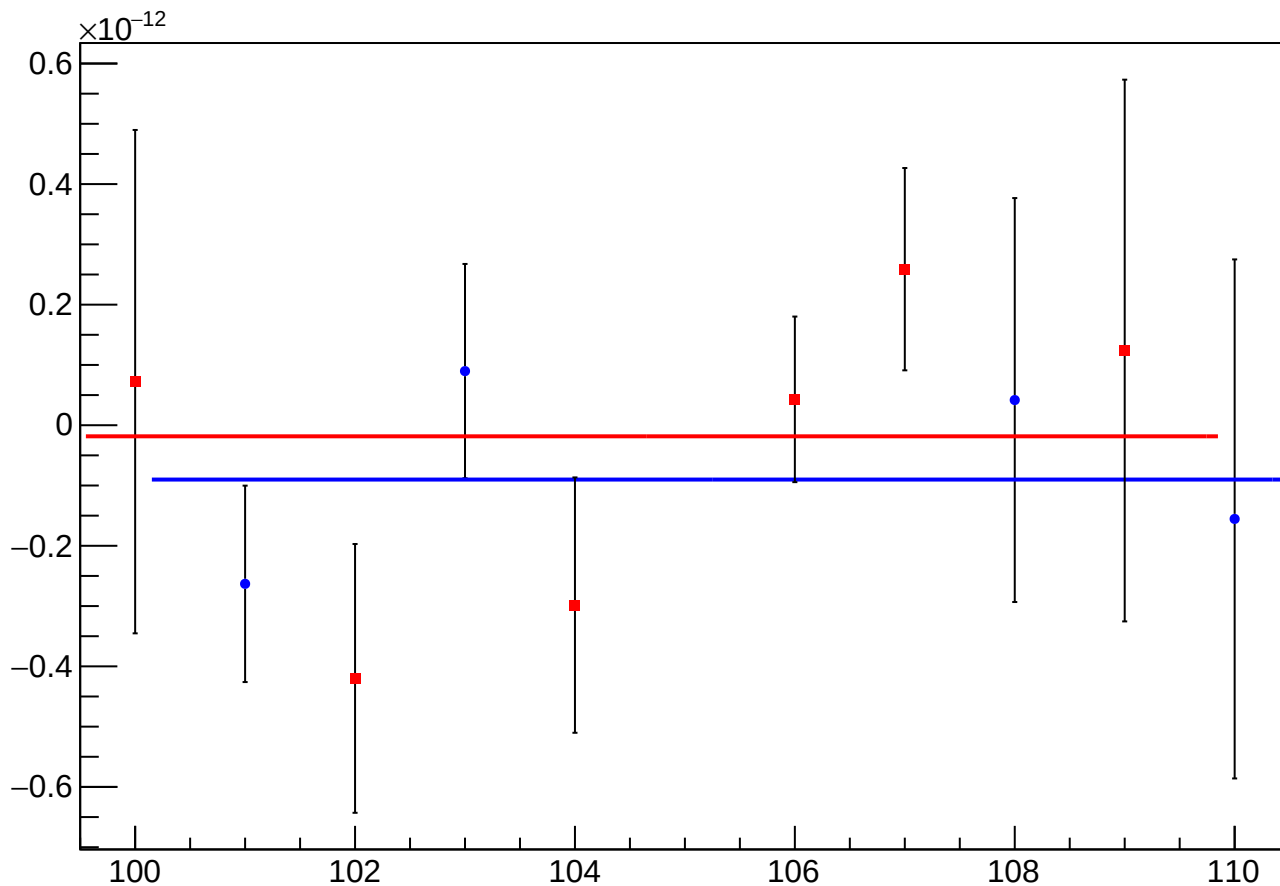
Right: 3453.774+/-1.237 χ^2/NDF : 557644.1/9

In: 4138.388+/-2.090 χ^2/NDF : 90136.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3453.774+/-1.237 χ^2/NDF : 557644.1/9

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

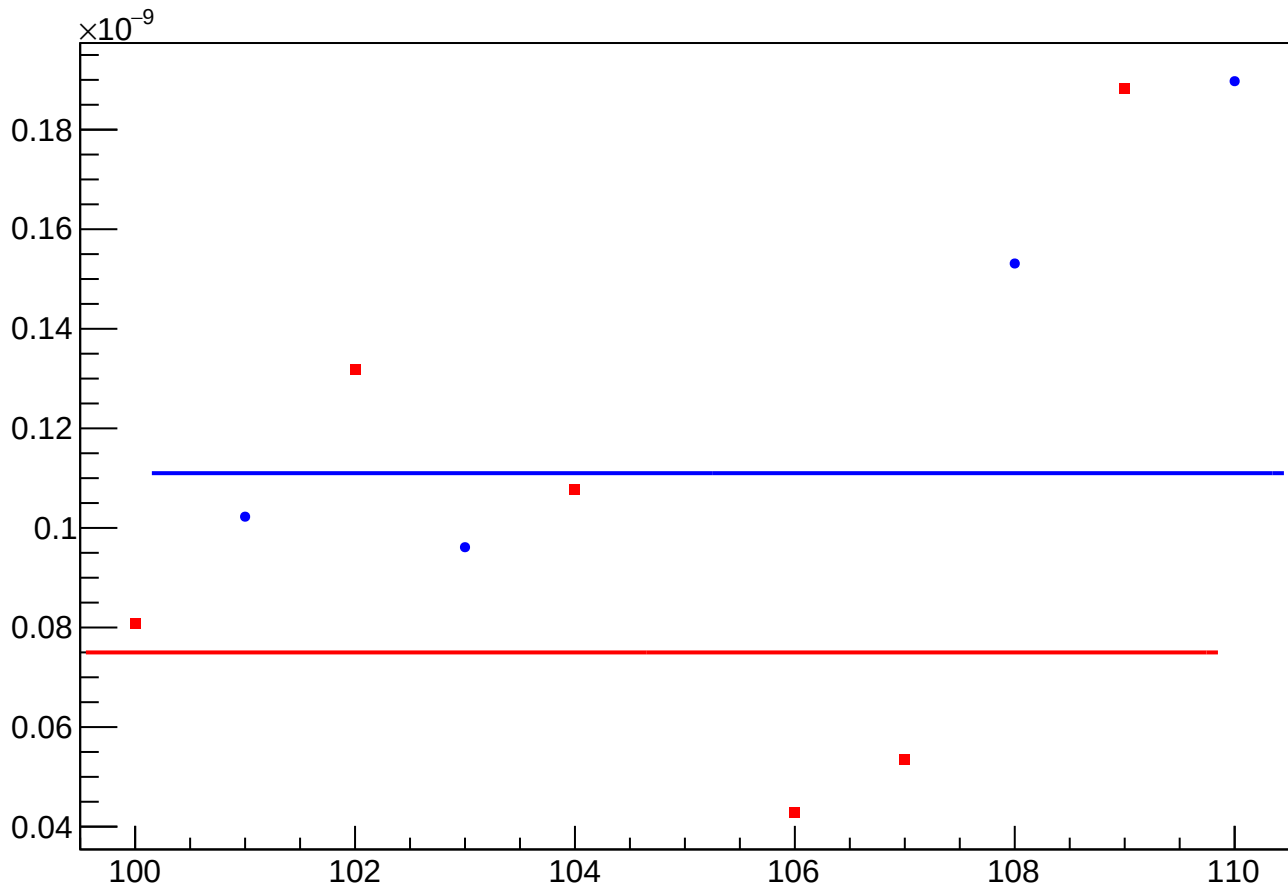
Right: -0.000+/-0.000 χ^2/NDF : 10.7/9

In: -0.000+/-0.000 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.7/9

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 118258.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 447358.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

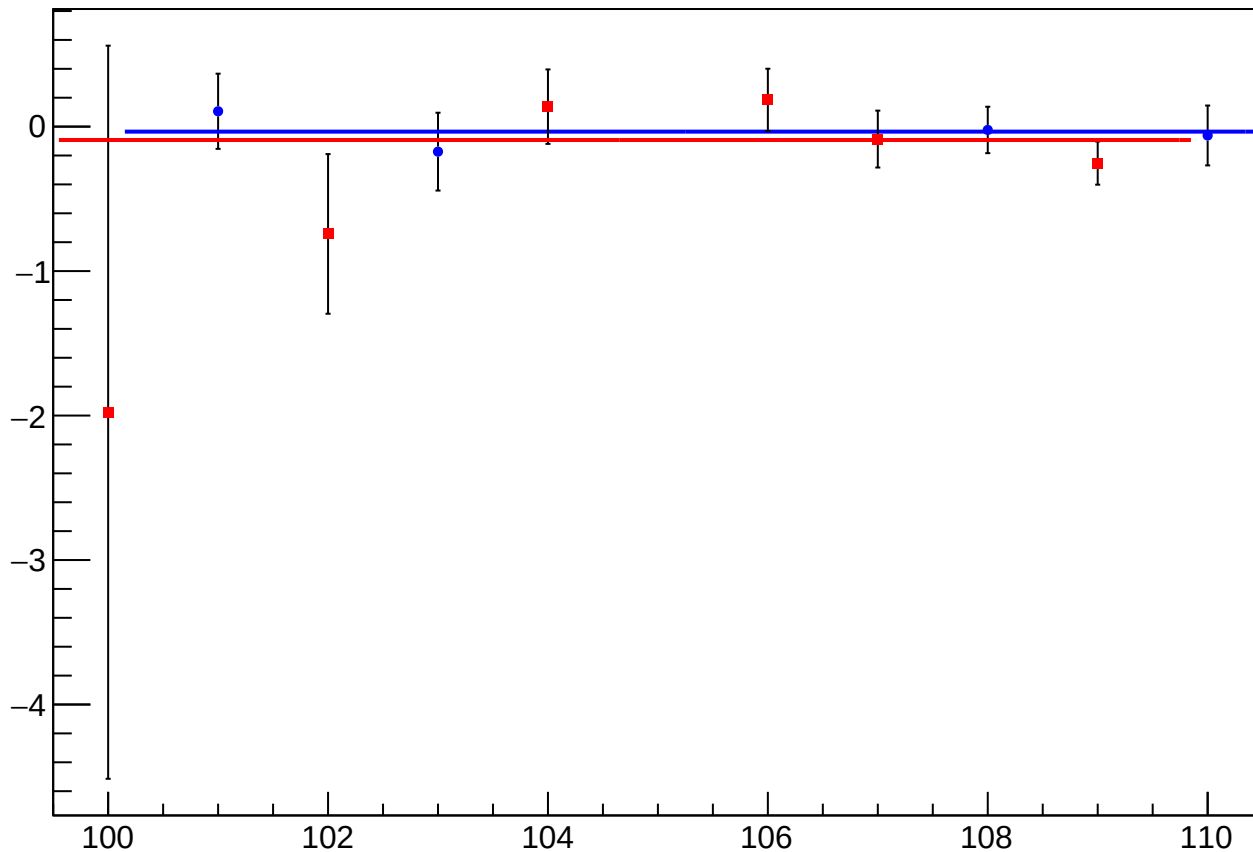
Right: 0.000+/-0.000 χ^2/NDF : 701983.6/9

In: 0.000+/-0.000 χ^2/NDF : 118258.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 701983.6/9

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 $\pm$ 0.105 χ^2 /NDF: 0.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.093 $\pm$ 0.095 χ^2 /NDF: 5.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

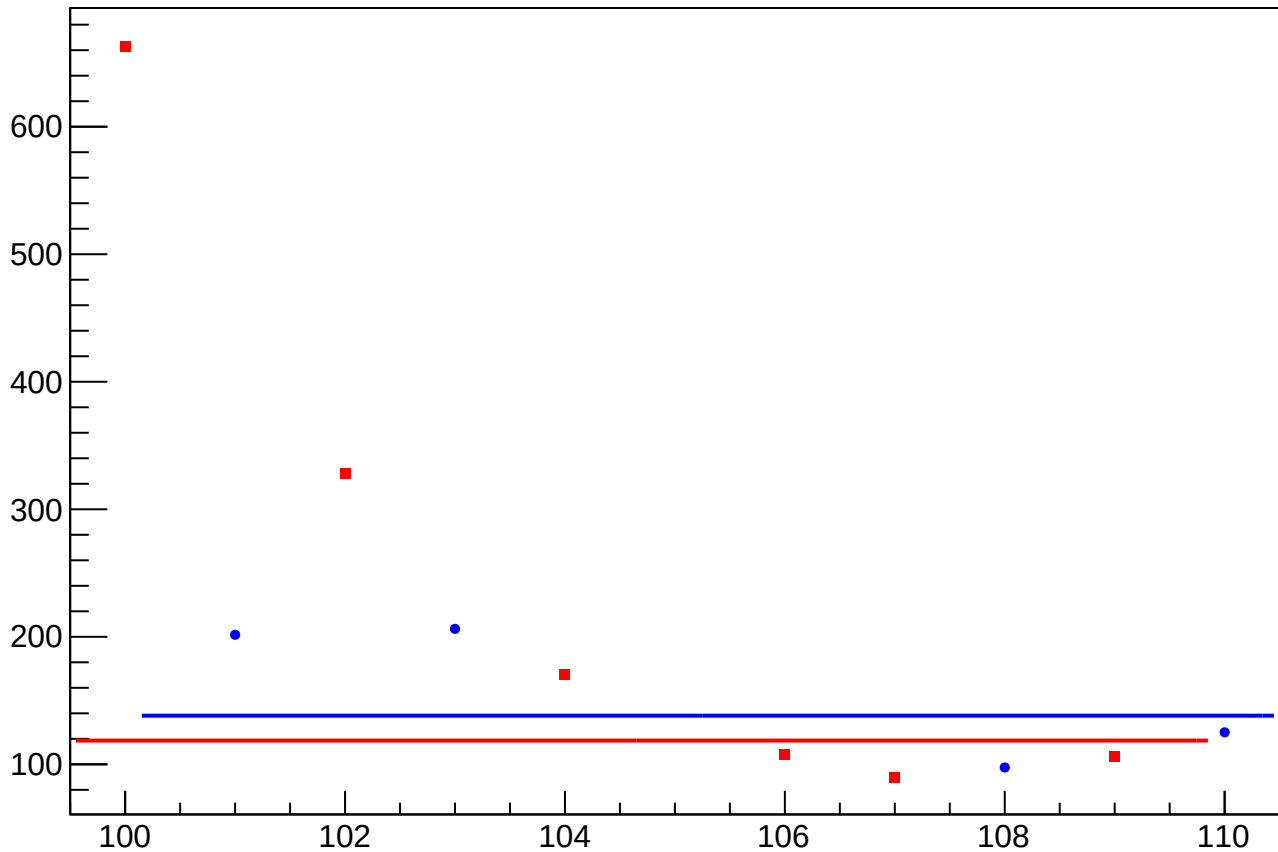
Right: -0.067 $\pm$ 0.070 χ^2 /NDF: 6.3/9

In: -0.035 $\pm$ 0.105 χ^2 /NDF: 0.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.067 $\pm$ 0.070 χ^2 /NDF: 6.3/9

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.140+/-0.074 χ^2/NDF : 382302.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.645+/-0.067 χ^2/NDF : 522364.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

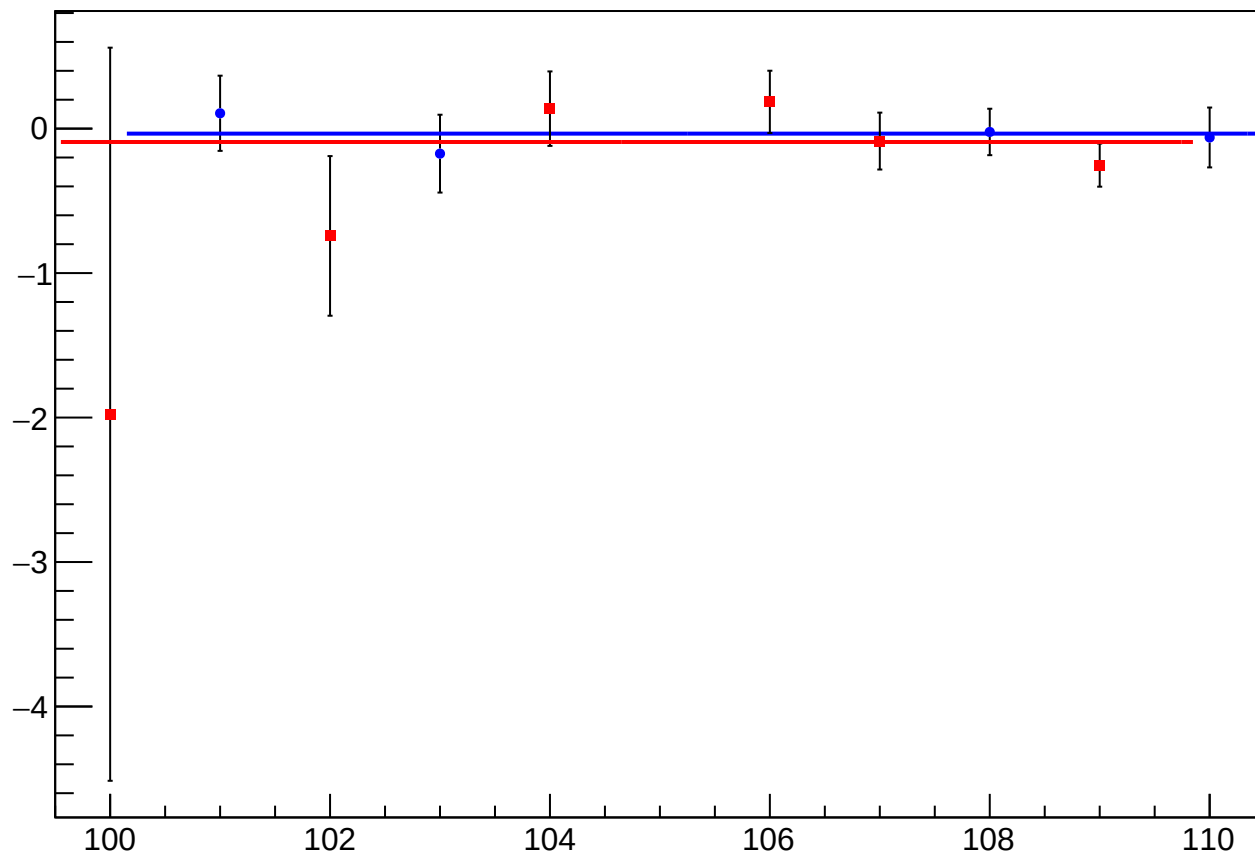
Right: 127.418+/-0.050 χ^2/NDF : 942525.2/9

In: 138.140+/-0.074 χ^2/NDF : 382302.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.418+/-0.050 χ^2/NDF : 942525.2/9

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.105 χ^2/NDF : 0.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.093 ± 0.095 χ^2/NDF : 5.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

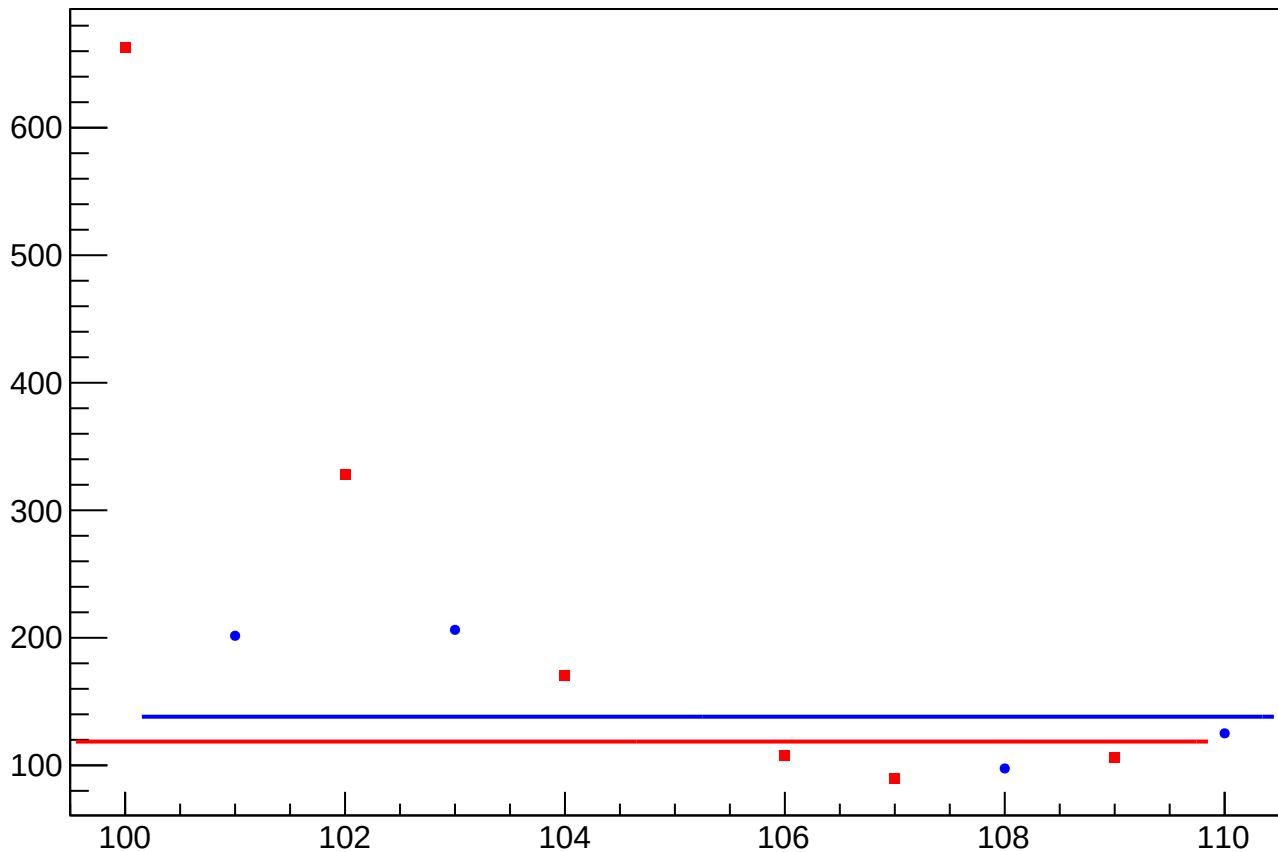
Right: -0.067 ± 0.070 χ^2/NDF : 6.3/9

In: -0.035 ± 0.105 χ^2/NDF : 0.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.067 ± 0.070 χ^2/NDF : 6.3/9

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.140+/-0.074 χ^2/NDF : 382302.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.645+/-0.067 χ^2/NDF : 522364.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

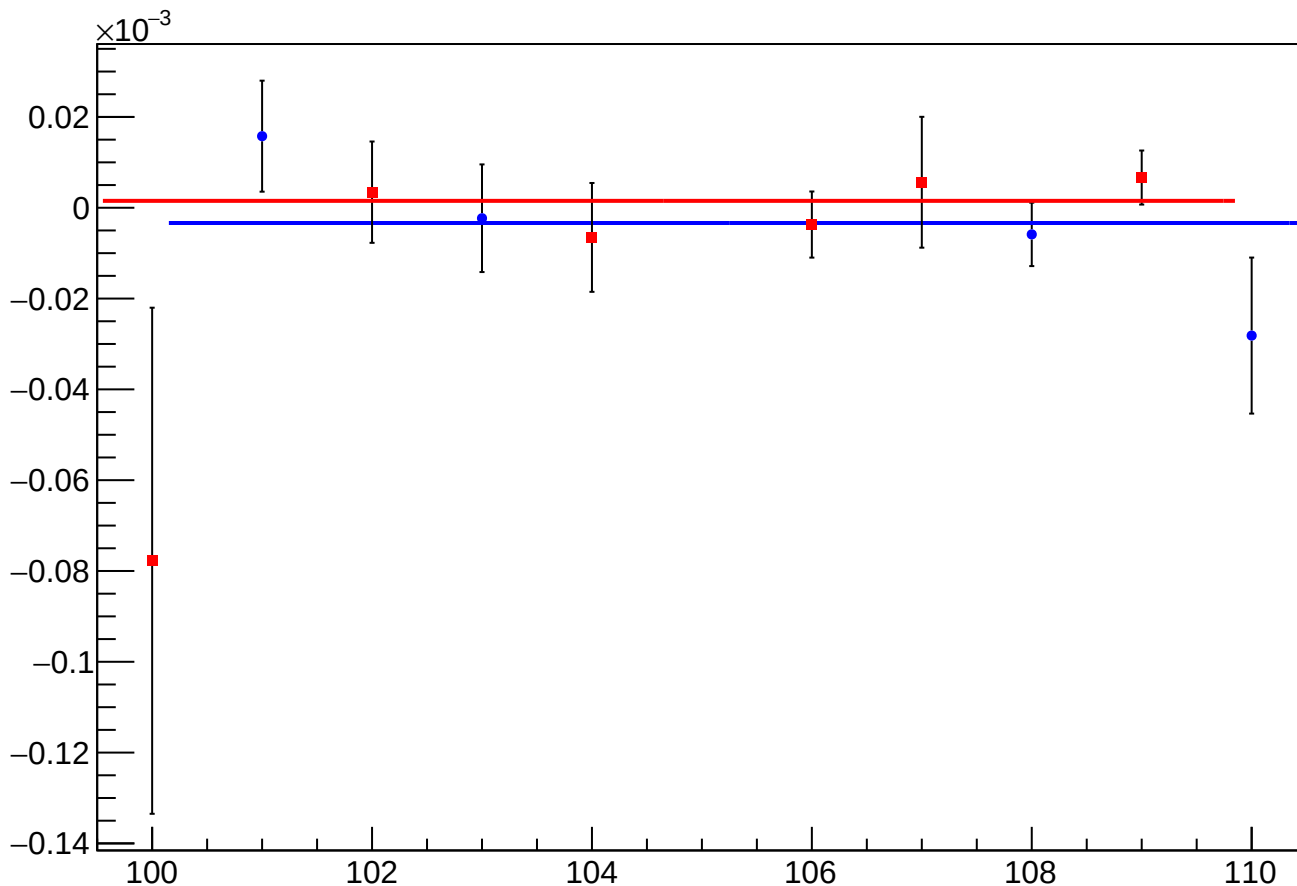
Right: 127.418+/-0.050 χ^2/NDF : 942525.2/9

In: 138.140+/-0.074 χ^2/NDF : 382302.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.418+/-0.050 χ^2/NDF : 942525.2/9

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.7/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.8/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

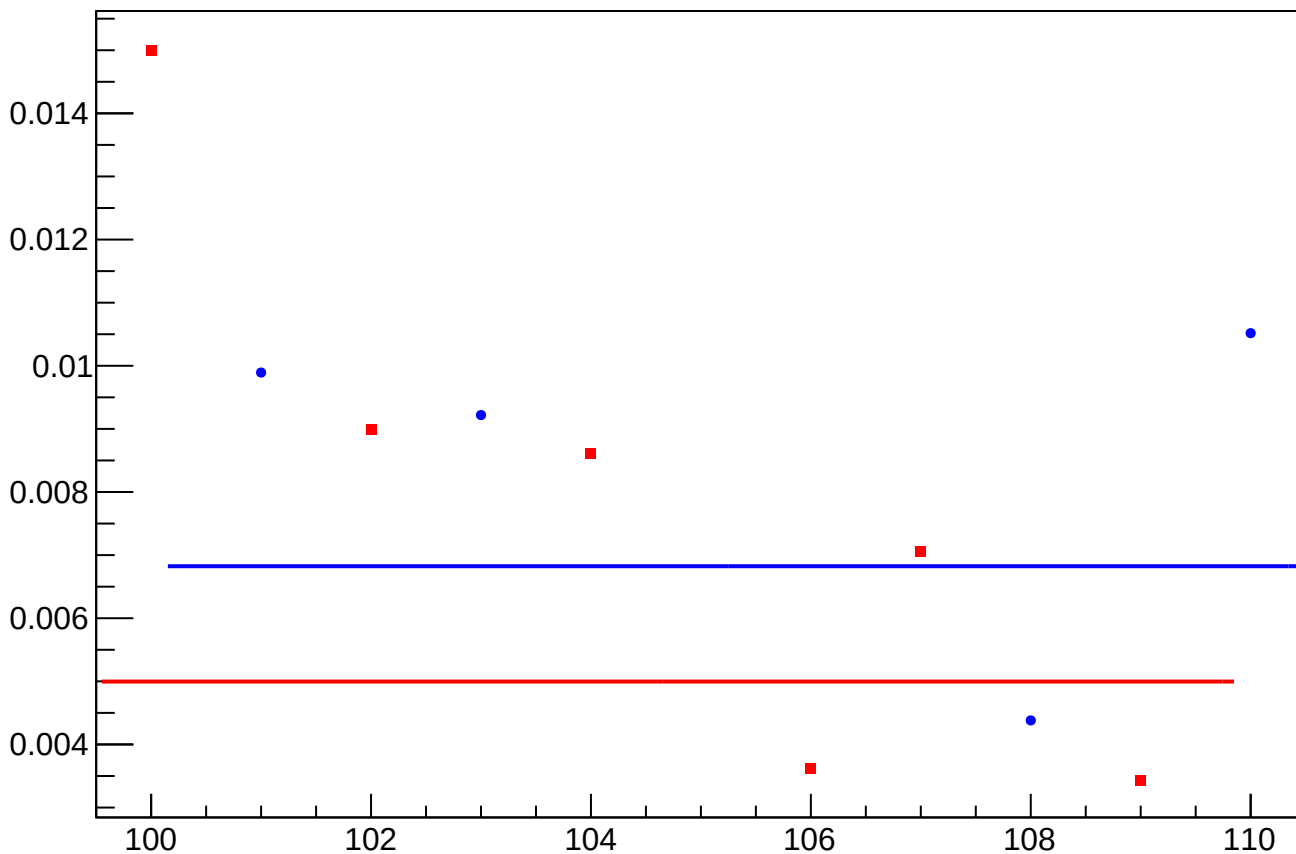
Right: -0.000+/-0.000 χ^2 /NDF: 9.1/9

In: -0.000+/-0.000 χ^2 /NDF:4.7/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.1/9

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 544761.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 754897.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

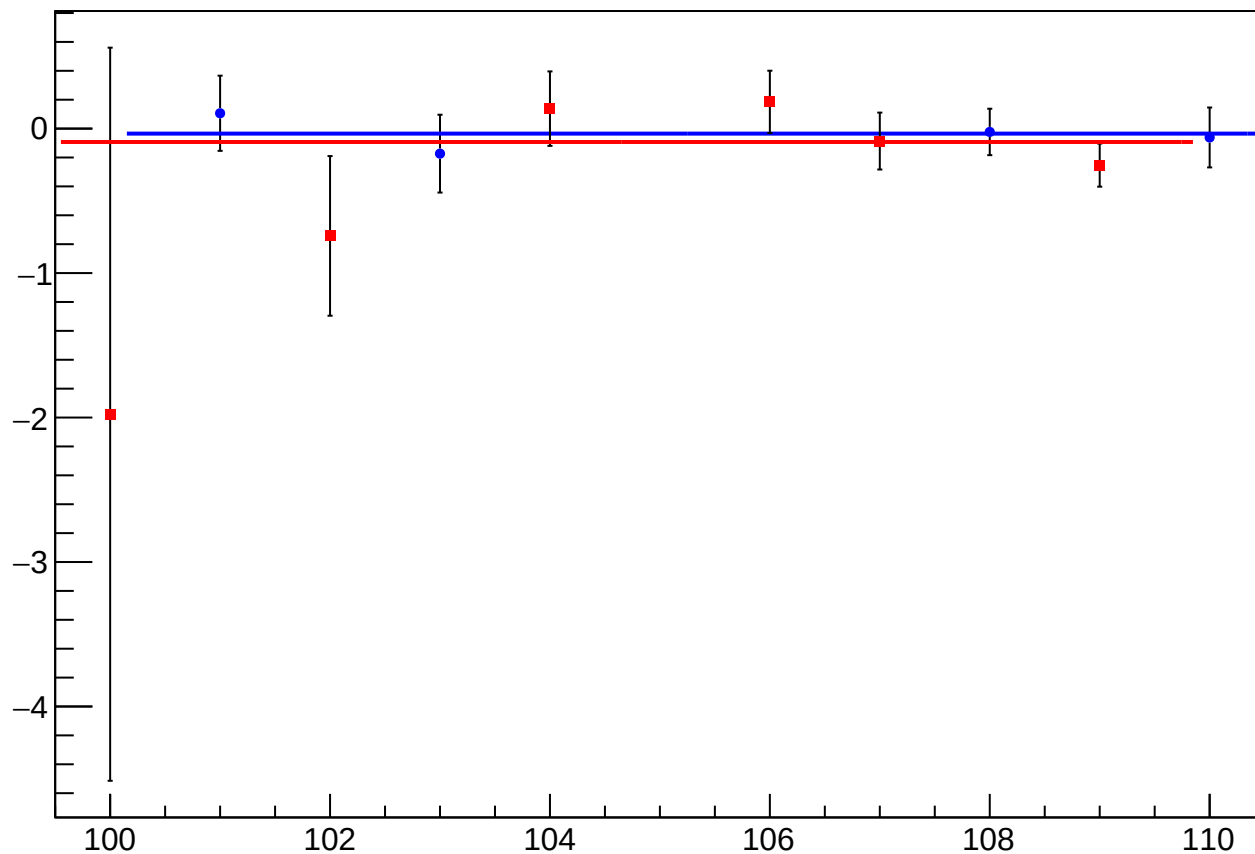
Right: 0.006+/-0.000 χ^2/NDF : 1460995.7/9

In: 0.007+/-0.000 χ^2/NDF : 544761.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1460995.7/9

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.105 χ^2/NDF : 0.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.093 ± 0.095 χ^2/NDF : 5.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

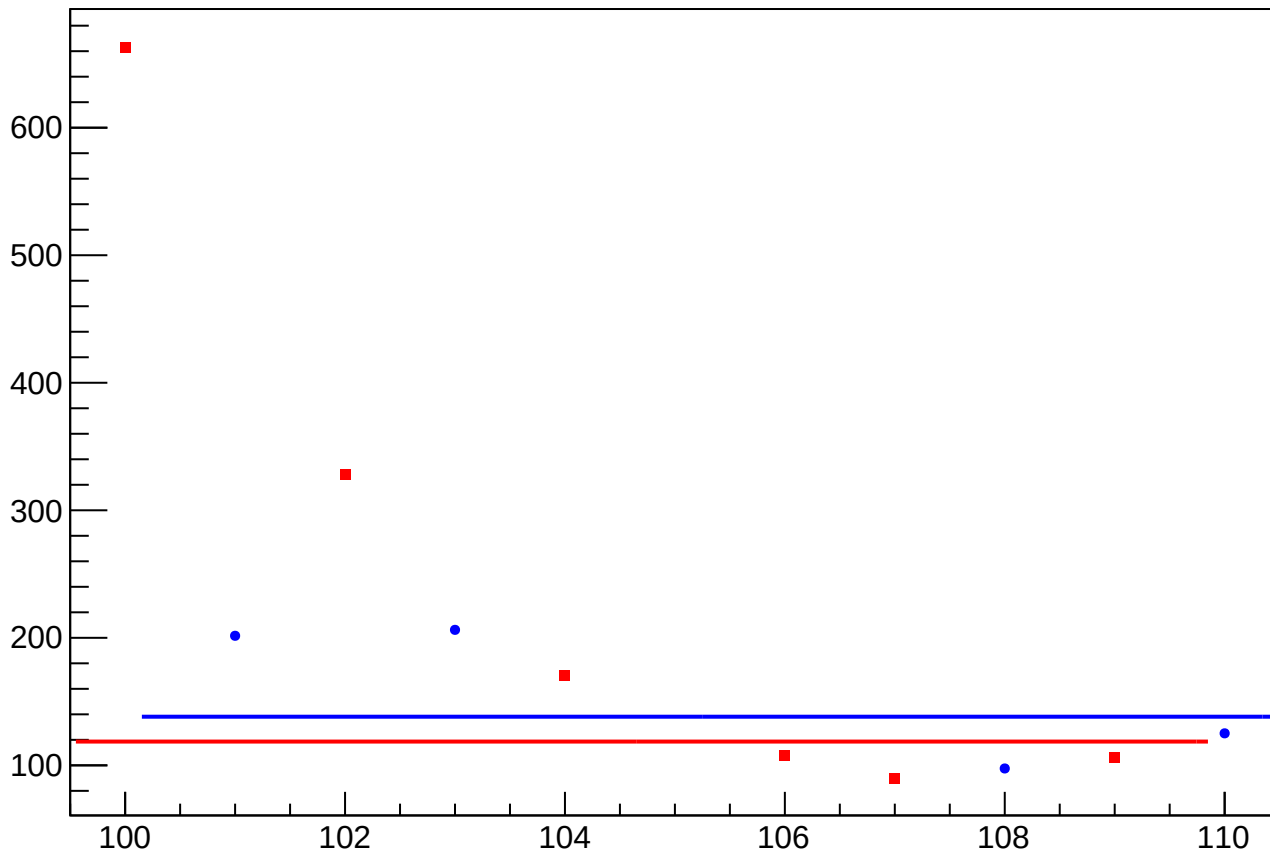
Right: -0.067 ± 0.070 χ^2/NDF : 6.3/9

In: -0.035 ± 0.105 χ^2/NDF : 0.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.067 ± 0.070 χ^2/NDF : 6.3/9

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.142+/-0.074 χ^2/NDF : 382265.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.648+/-0.067 χ^2/NDF : 522333.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

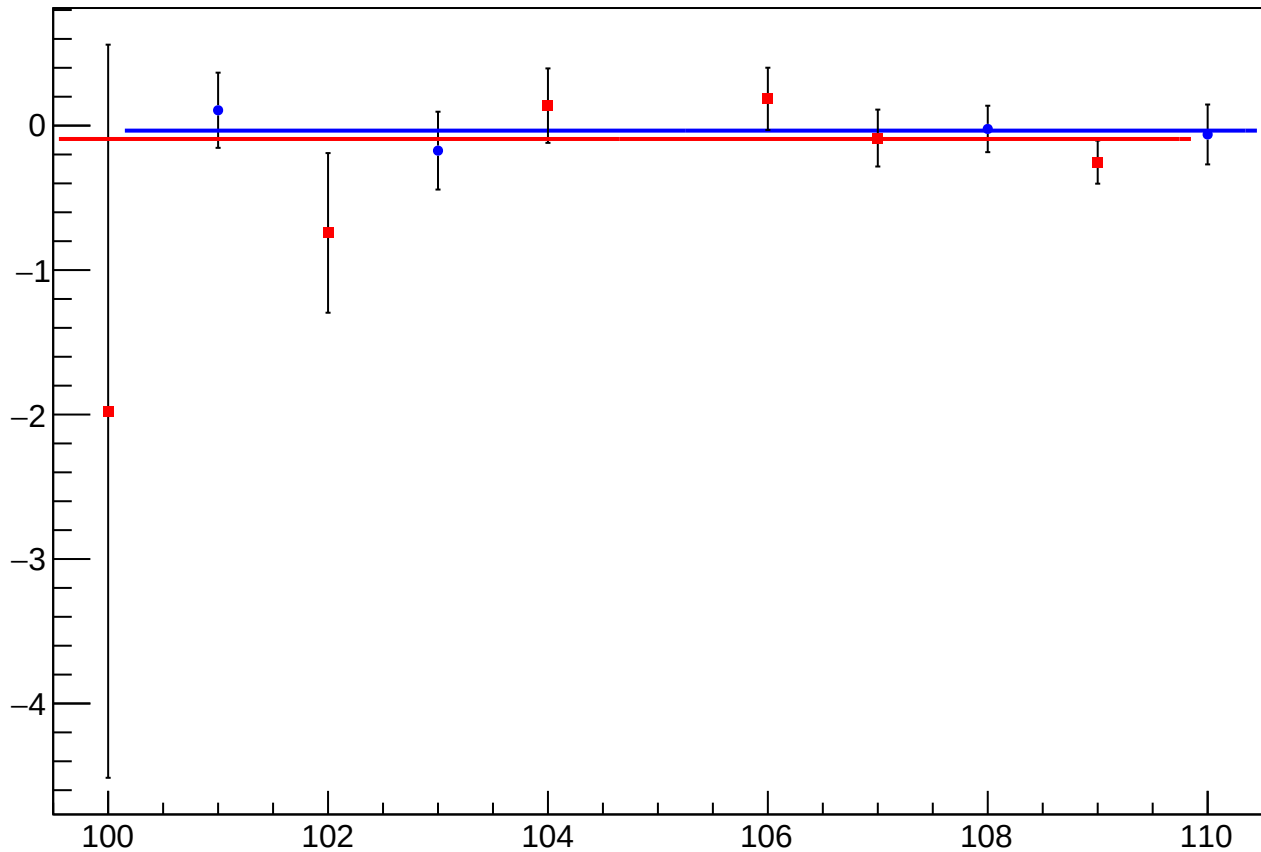
Right: 127.420+/-0.050 χ^2/NDF : 942453.8/9

In: 138.142+/-0.074 χ^2/NDF : 382265.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.420+/-0.050 χ^2/NDF : 942453.8/9

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.105 χ^2/NDF : 0.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.093 ± 0.095 χ^2/NDF : 5.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

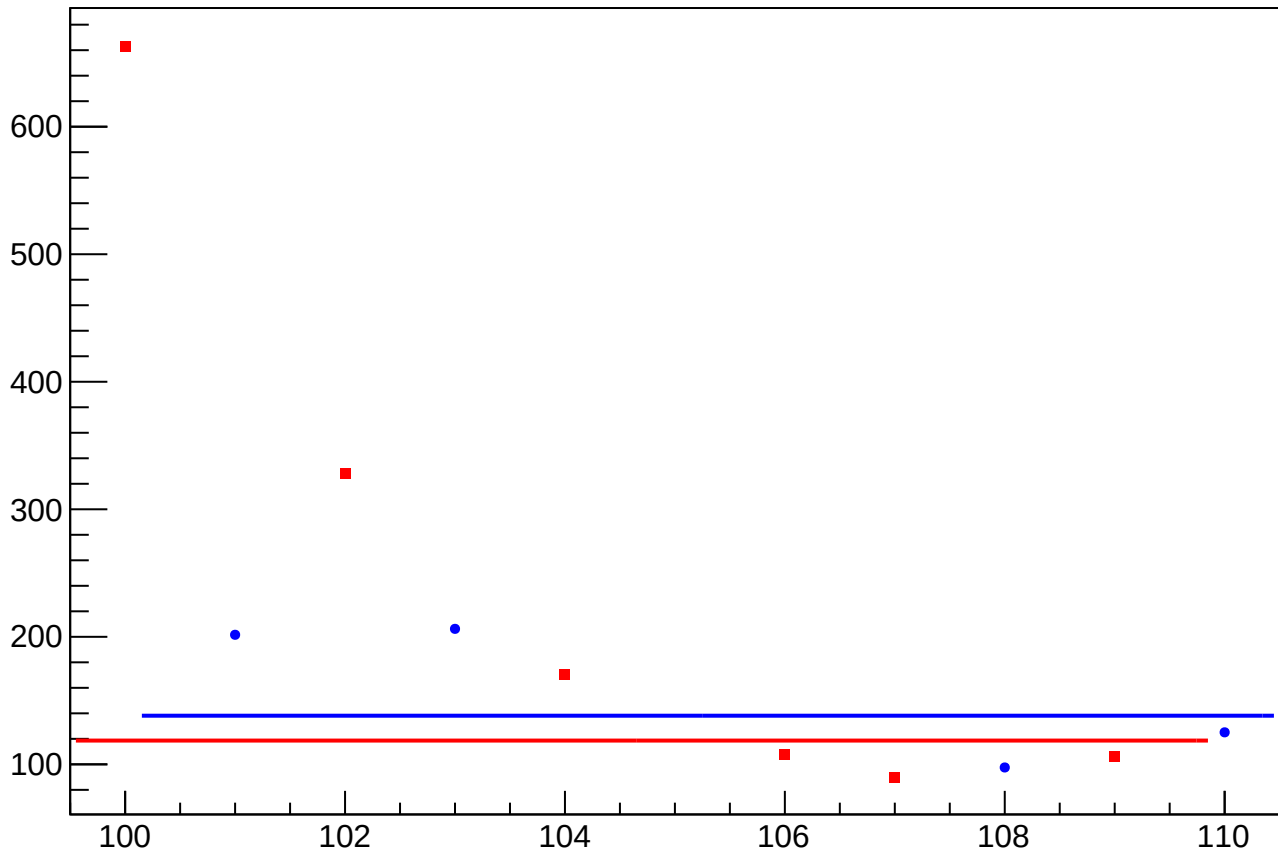
Right: -0.067 ± 0.070 χ^2/NDF : 6.3/9

In: -0.035 ± 0.105 χ^2/NDF : 0.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.067 ± 0.070 χ^2/NDF : 6.3/9

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.142+/-0.074 χ^2/NDF : 382265.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.648+/-0.067 χ^2/NDF : 522333.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

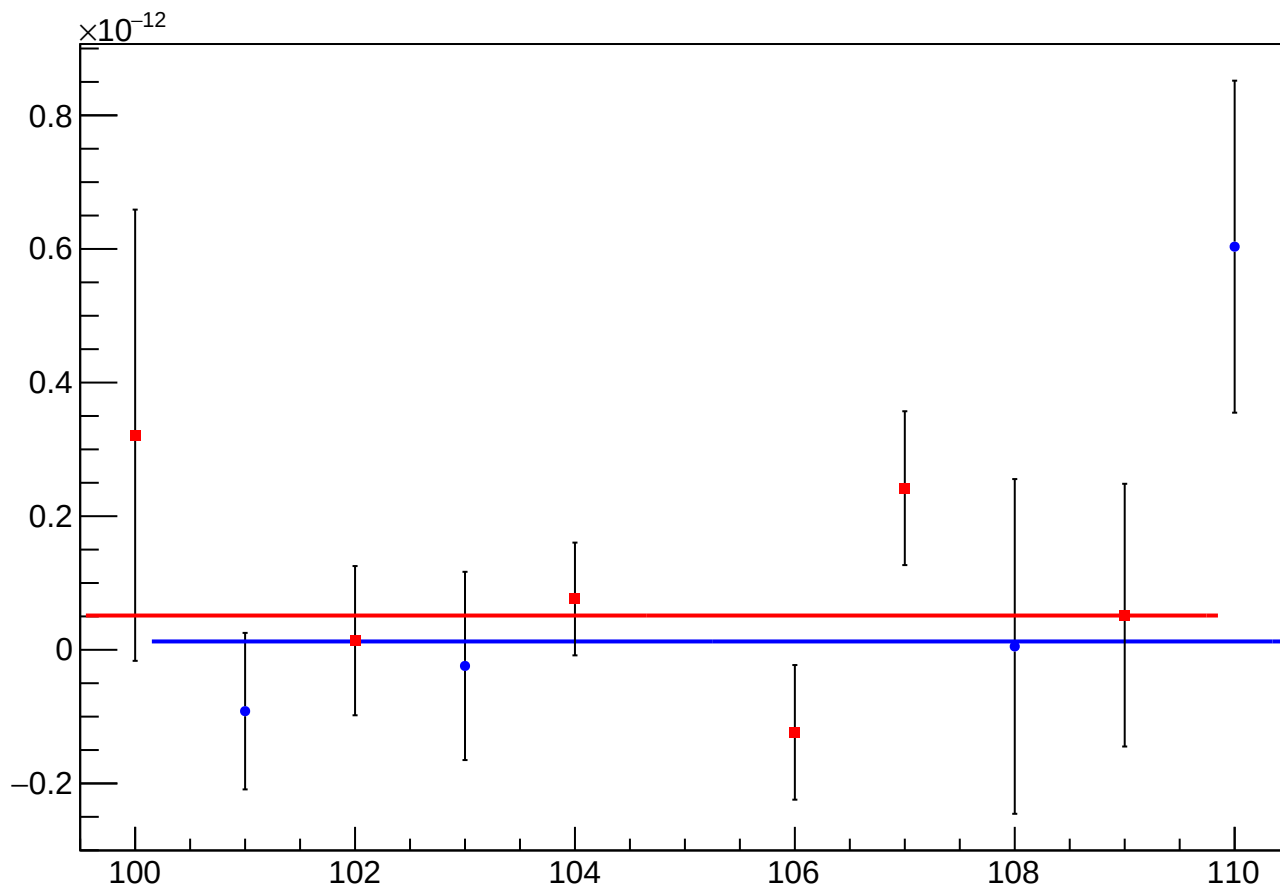
Right: 127.420+/-0.050 χ^2/NDF : 942453.8/9

In: 138.142+/-0.074 χ^2/NDF : 382265.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.420+/-0.050 χ^2/NDF : 942453.8/9

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

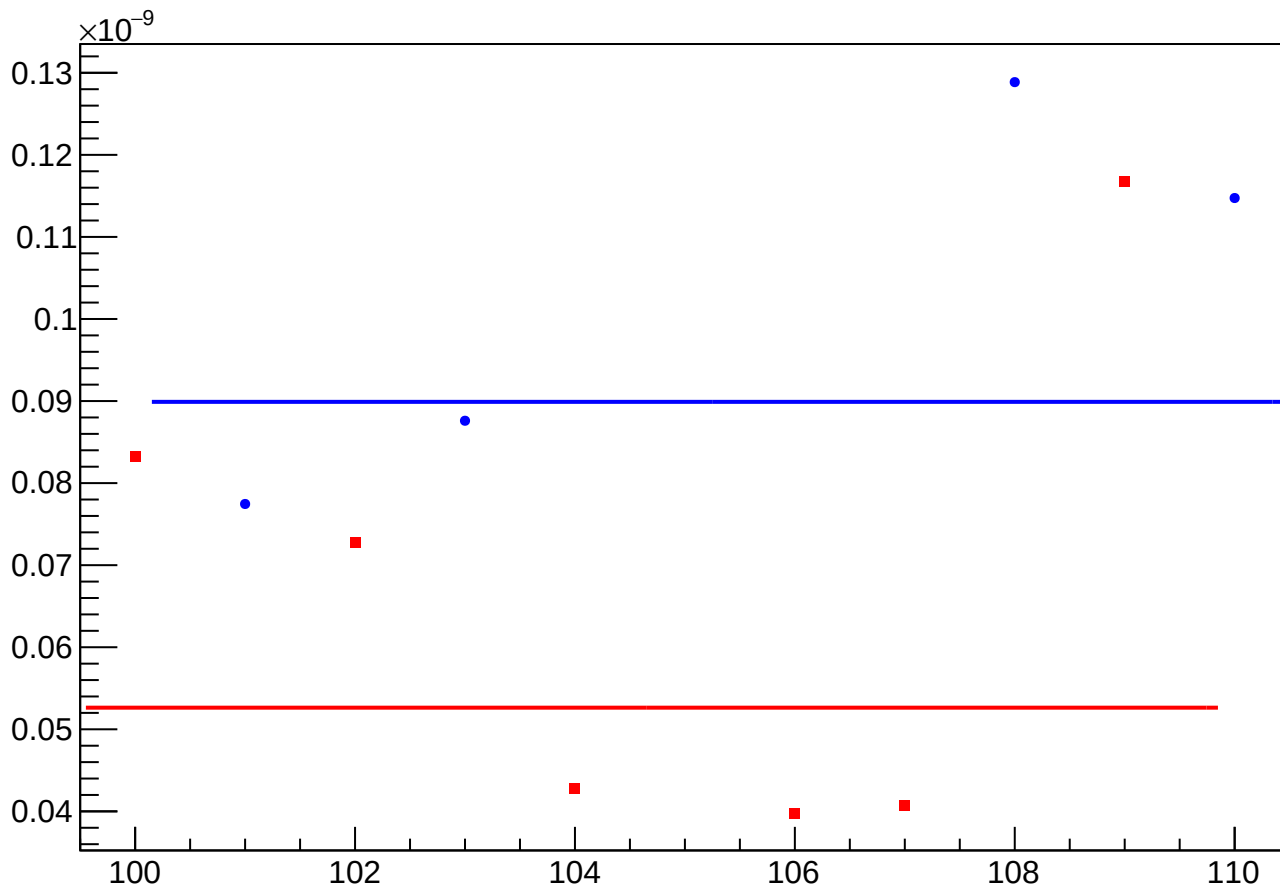
Right: 0.000+/-0.000 χ^2/NDF : 13.3/9

In: 0.000+/-0.000 χ^2/NDF : 6.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.3/9

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 91477.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 375436.8/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

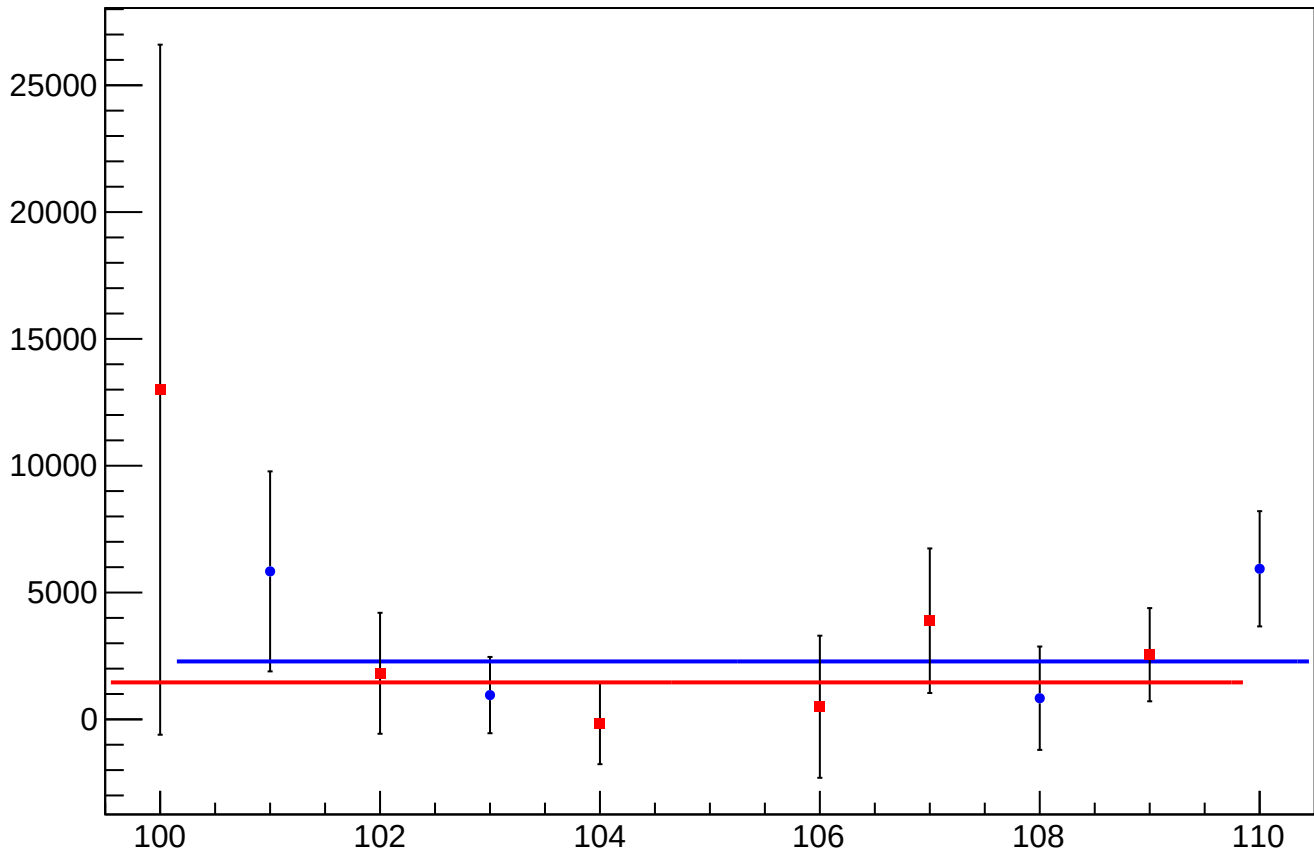
Right: 0.000+/-0.000 χ^2 /NDF: 783829.6/9

In: 0.000+/-0.000 χ^2 /NDF:91477.5/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 783829.6/9

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2284.075+/-1030.714 χ^2/NDF : 4.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1457.472+/-946.984 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

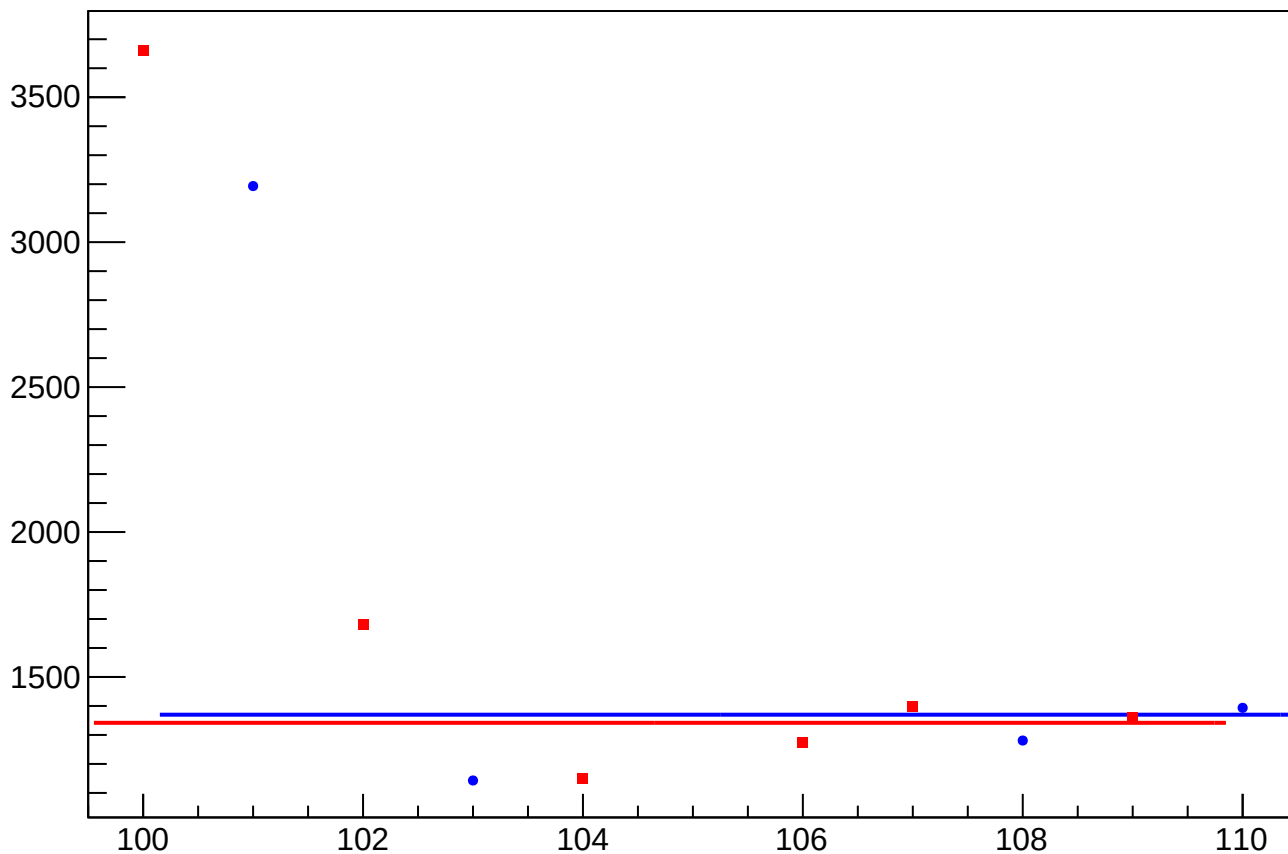
Right: 1835.841+/-697.344 χ^2/NDF : 8.0/9

In: 2284.075+/-1030.714 χ^2/NDF : 4.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1835.841+/-697.344 χ^2/NDF : 8.0/9

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1369.883+/-0.729 χ^2/NDF : 477353.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1341.834+/-0.663 χ^2/NDF : 129208.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

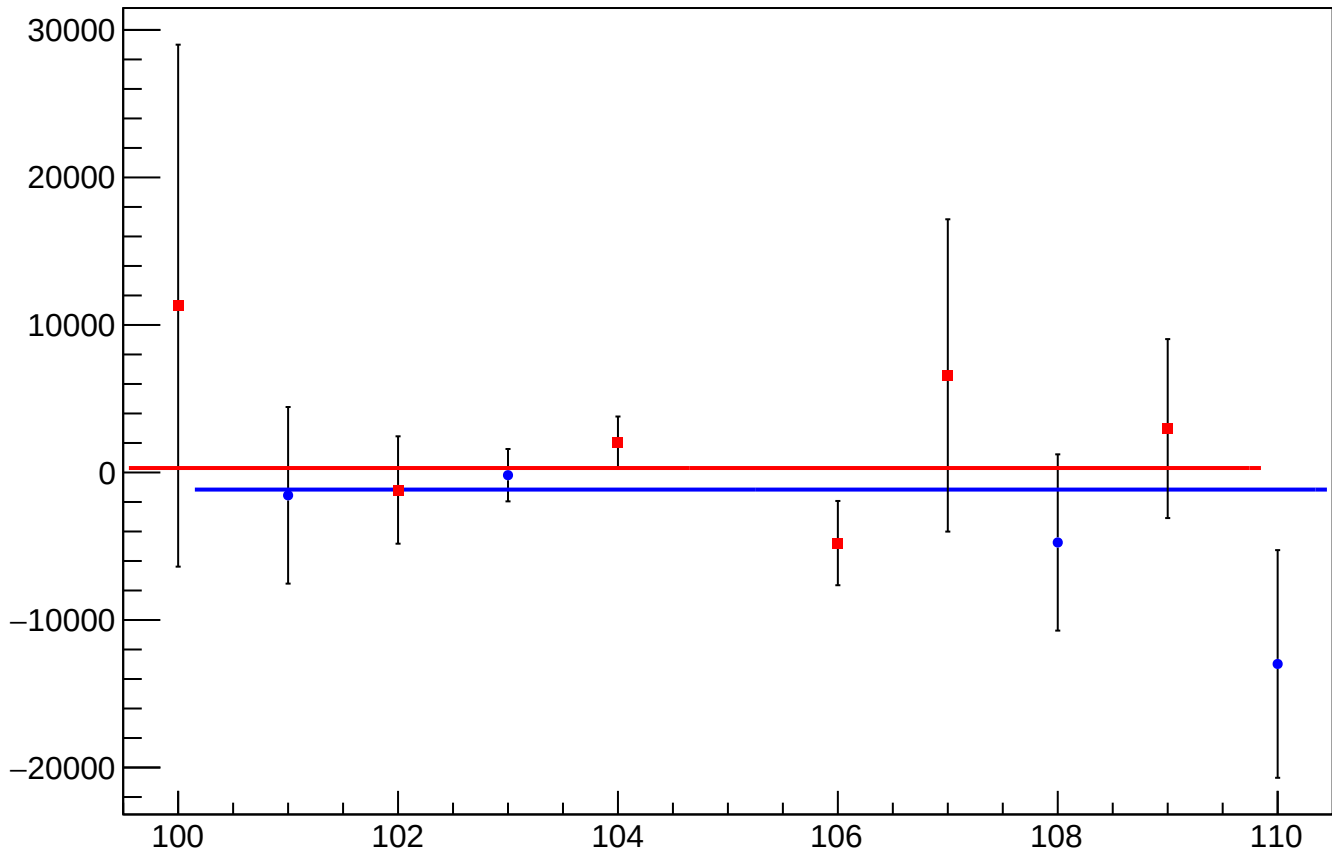
Right: 1354.537+/-0.490 χ^2/NDF : 607372.0/9

In: 1369.883+/-0.729 χ^2/NDF : 477353.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1354.537+/-0.490 χ^2/NDF : 607372.0/9

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1159.076+/-1601.298 χ^2/NDF : 3.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.271+/-1329.956 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

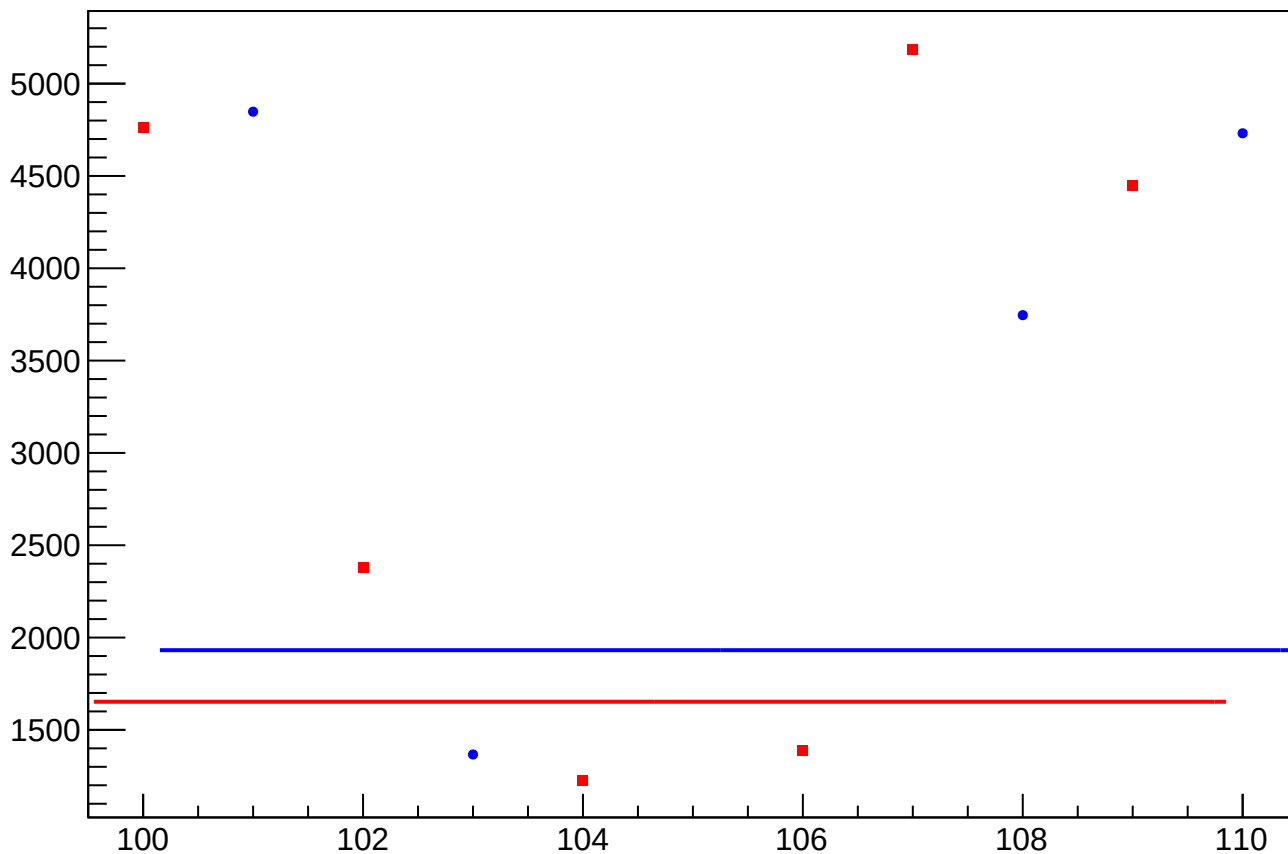
Right: -294.278+/-1023.100 χ^2/NDF : 8.8/9

In: -1159.076+/-1601.298 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -294.278+/-1023.100 χ^2/NDF : 8.8/9

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1931.620+/-1.132 χ^2/NDF : 1124822.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1652.443+/-0.940 χ^2/NDF : 926003.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

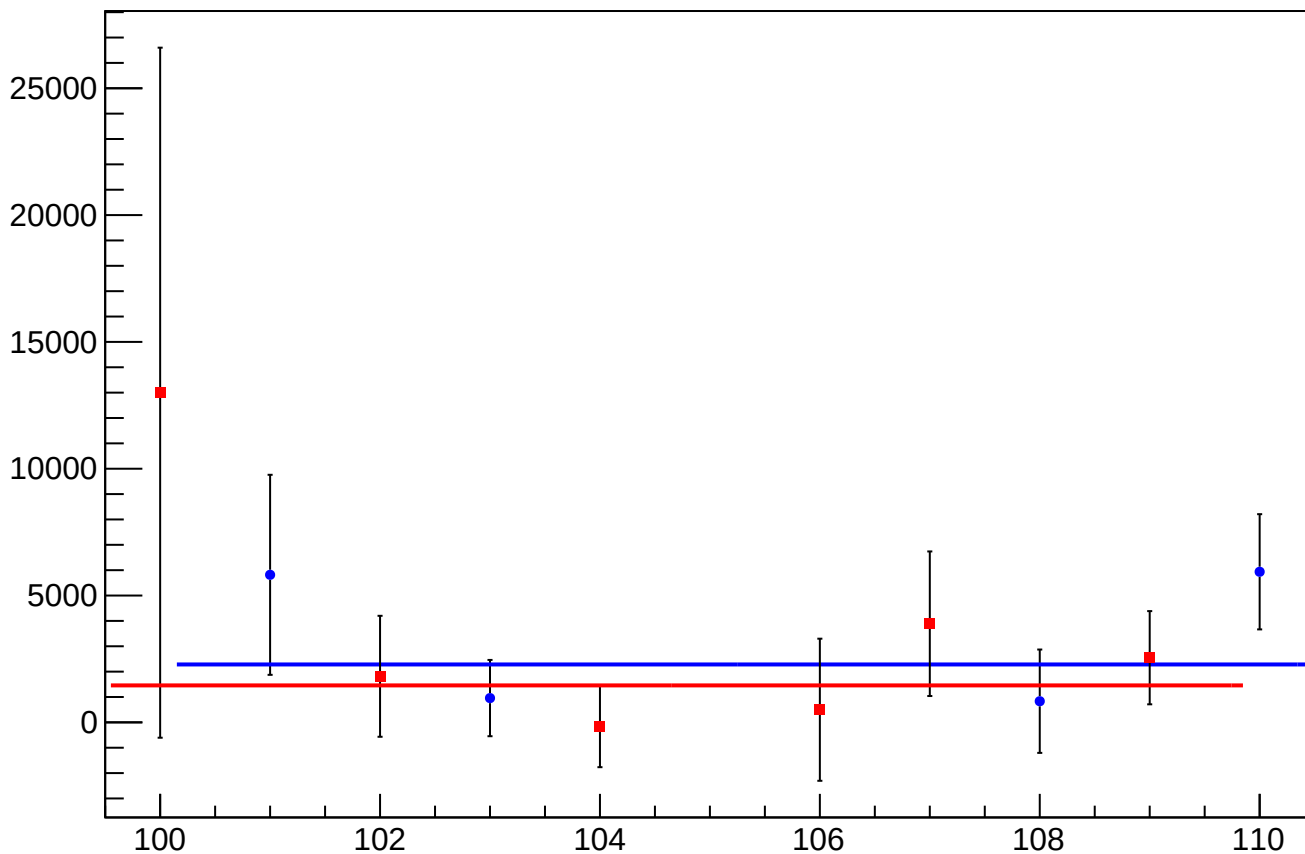
Right: 1766.408+/-0.723 χ^2/NDF : 2086801.3/9

In: 1931.620+/-1.132 χ^2/NDF : 1124822.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1766.408+/-0.723 χ^2/NDF : 2086801.3/9

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2282.991+/-1030.714 χ^2/NDF : 4.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1457.181+/-946.984 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

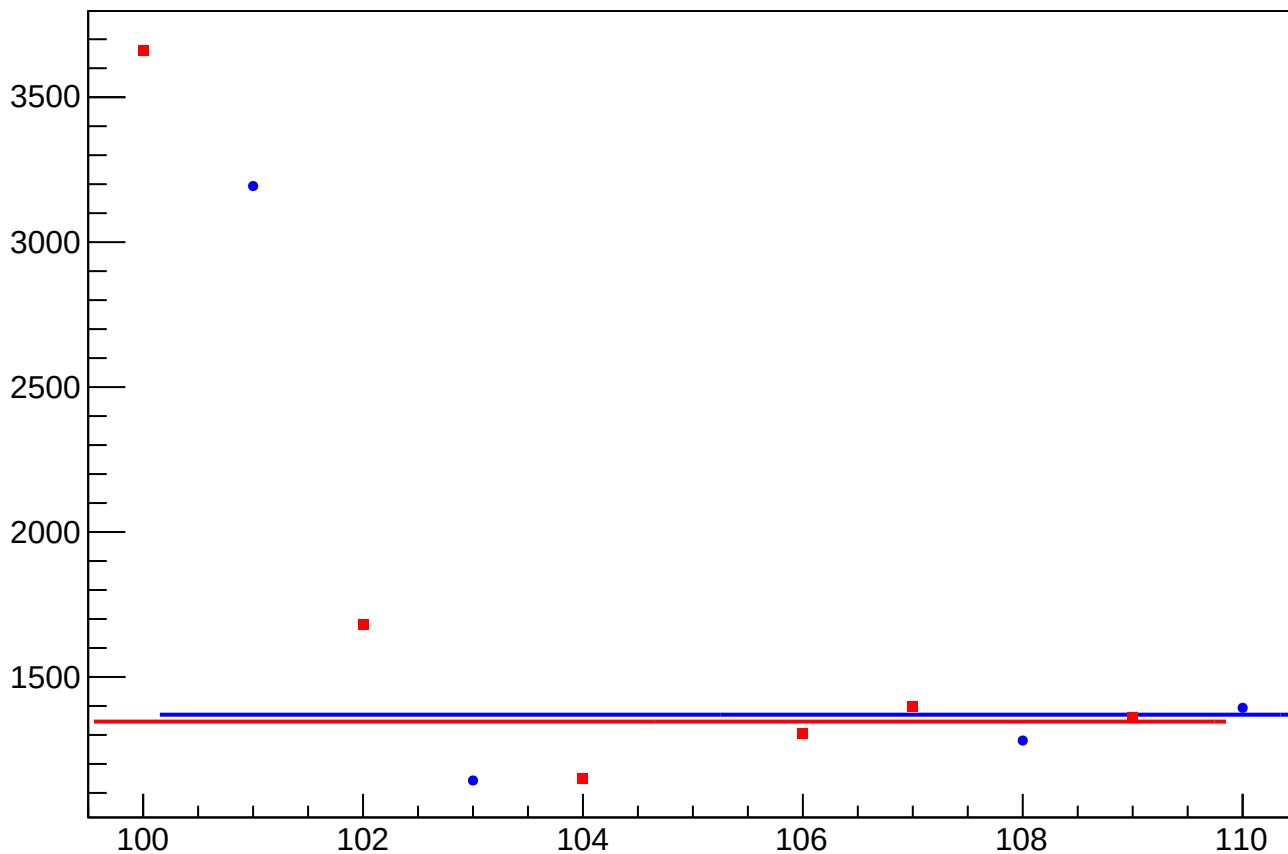
Right: 1835.186+/-697.344 χ^2/NDF : 8.0/9

In: 2282.991+/-1030.714 χ^2/NDF : 4.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1835.186+/-697.344 χ^2/NDF : 8.0/9

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1369.883+/-0.729 χ^2/NDF : 477354.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1346.079+/-0.665 χ^2/NDF : 128197.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

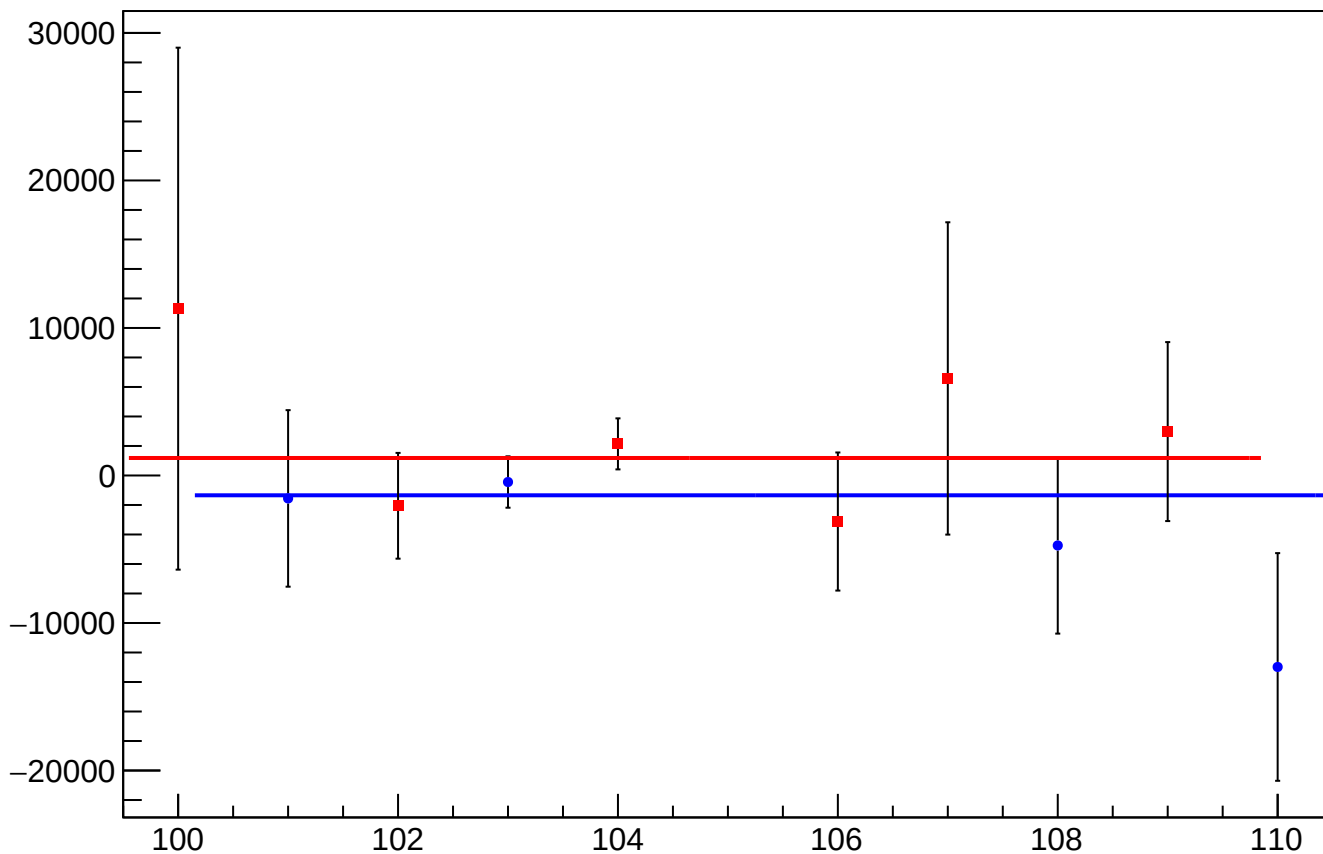
Right: 1356.893+/-0.491 χ^2/NDF : 606134.3/9

In: 1369.883+/-0.729 χ^2/NDF : 477354.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.893+/-0.491 χ^2/NDF : 606134.3/9

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1342.926+/-1576.330 χ^2/NDF : 2.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1185.984+/-1418.598 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

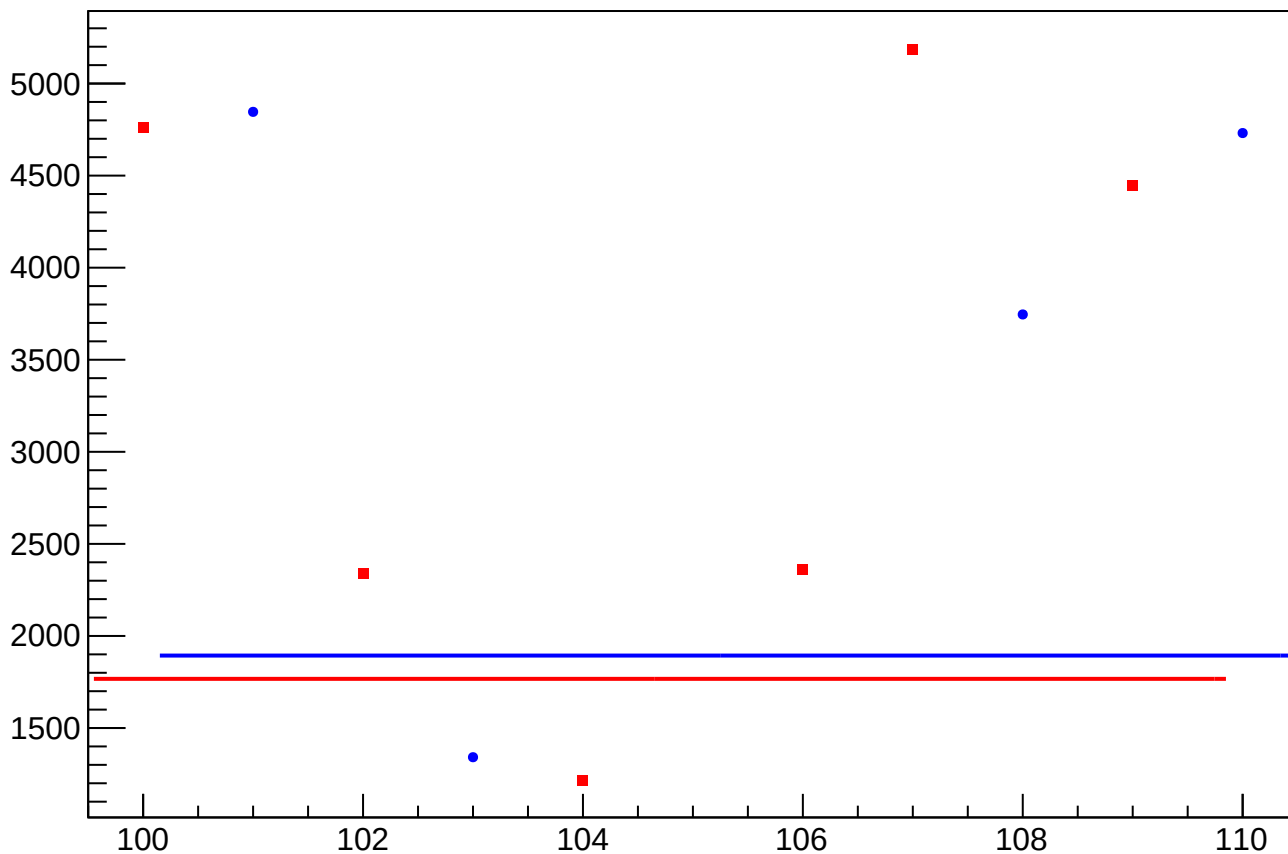
Right: 54.350+/-1054.468 χ^2/NDF : 6.9/9

In: -1342.926+/-1576.330 χ^2/NDF : 2.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.350+/-1054.468 χ^2/NDF : 6.9/9

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1893.493+/-1.115 χ^2/NDF : 1150580.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1767.051+/-1.003 χ^2/NDF : 943926.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

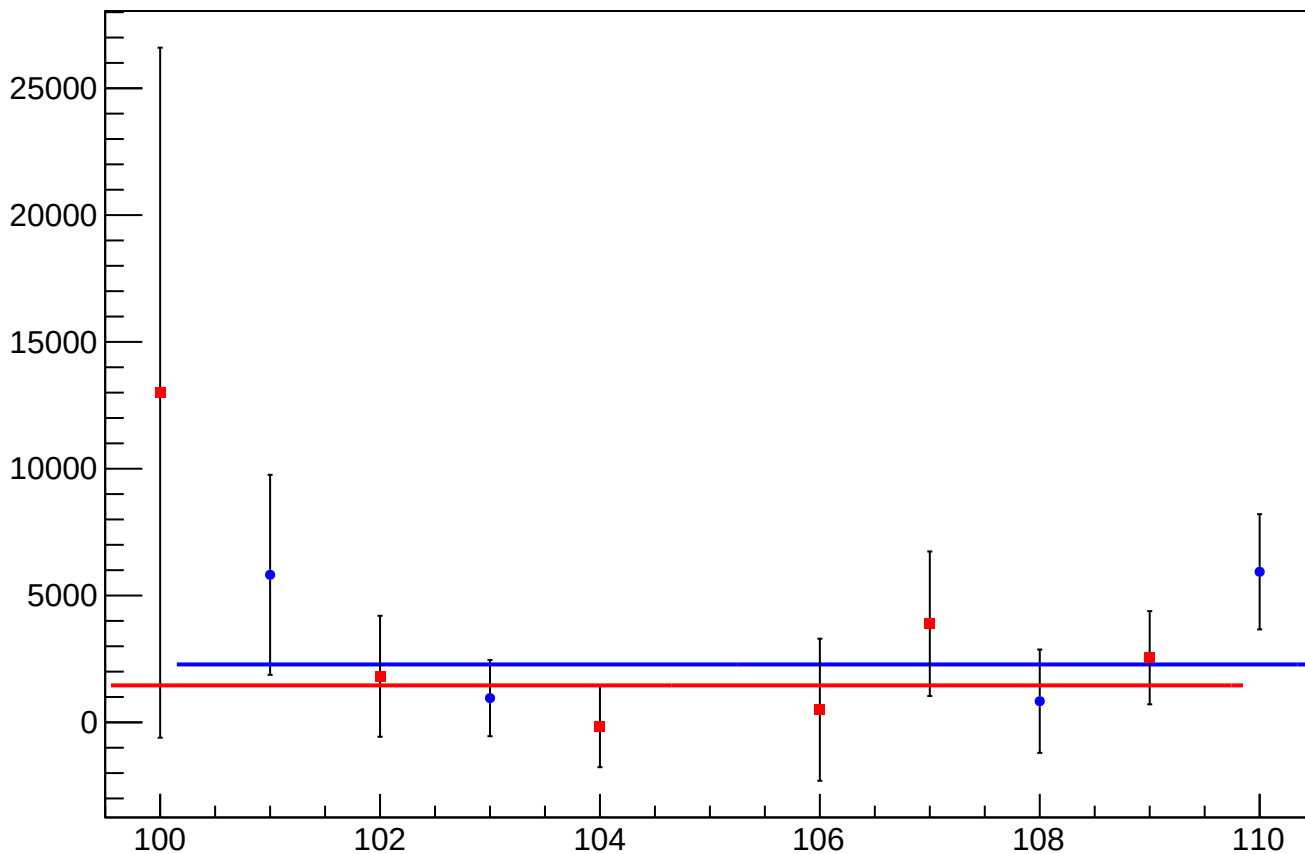
Right: 1823.632+/-0.746 χ^2/NDF : 2101617.3/9

In: 1893.493+/-1.115 χ^2/NDF : 1150580.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1823.632+/-0.746 χ^2/NDF : 2101617.3/9

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2282.991+/-1030.714 χ^2/NDF : 4.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1457.181+/-946.984 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

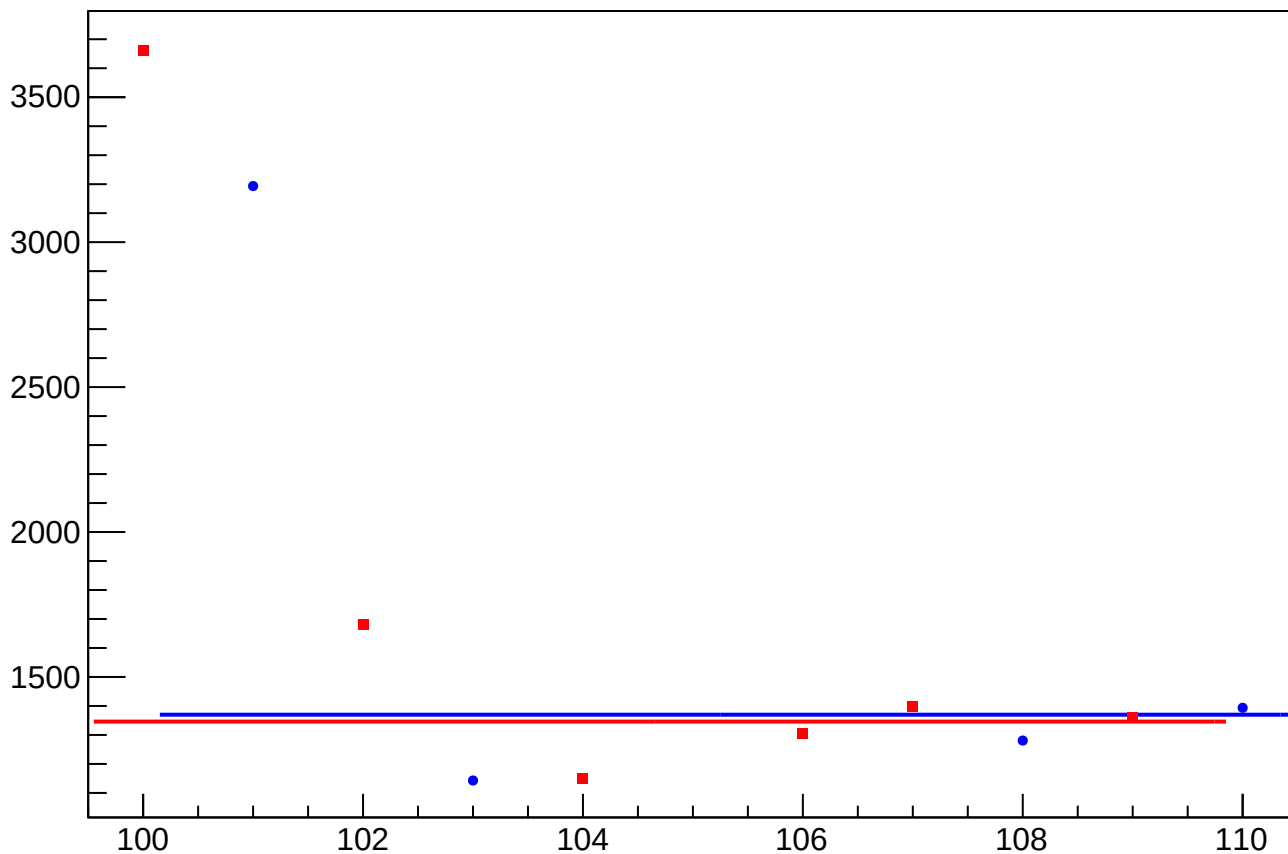
Right: 1835.186+/-697.344 χ^2/NDF : 8.0/9

In: 2282.991+/-1030.714 χ^2/NDF : 4.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1835.186+/-697.344 χ^2/NDF : 8.0/9

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1369.883+/-0.729 χ^2/NDF : 477354.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1346.079+/-0.665 χ^2/NDF : 128197.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

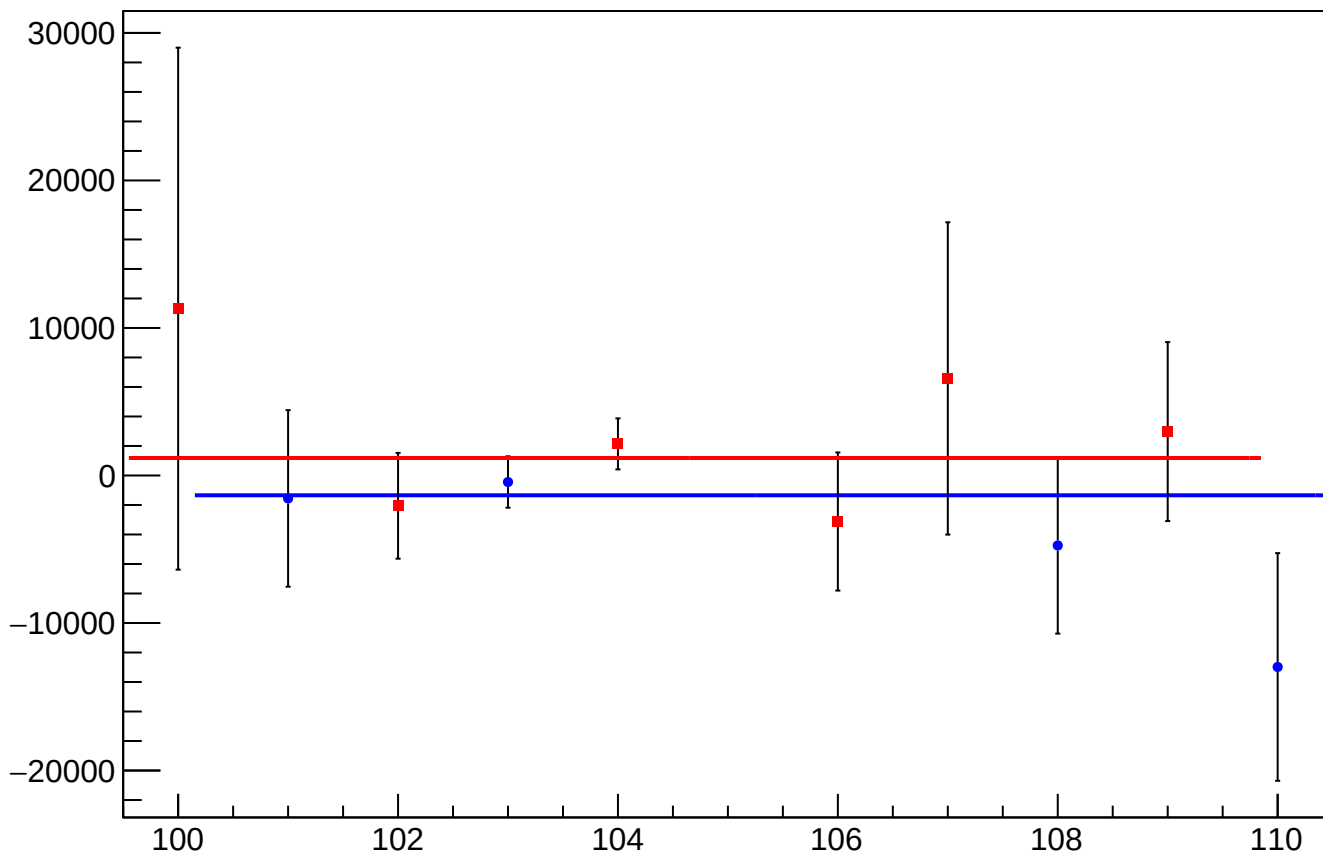
Right: 1356.893+/-0.491 χ^2/NDF : 606134.3/9

In: 1369.883+/-0.729 χ^2/NDF : 477354.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.893+/-0.491 χ^2/NDF : 606134.3/9

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1342.926+/-1576.330 χ^2/NDF : 2.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1185.984+/-1418.598 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

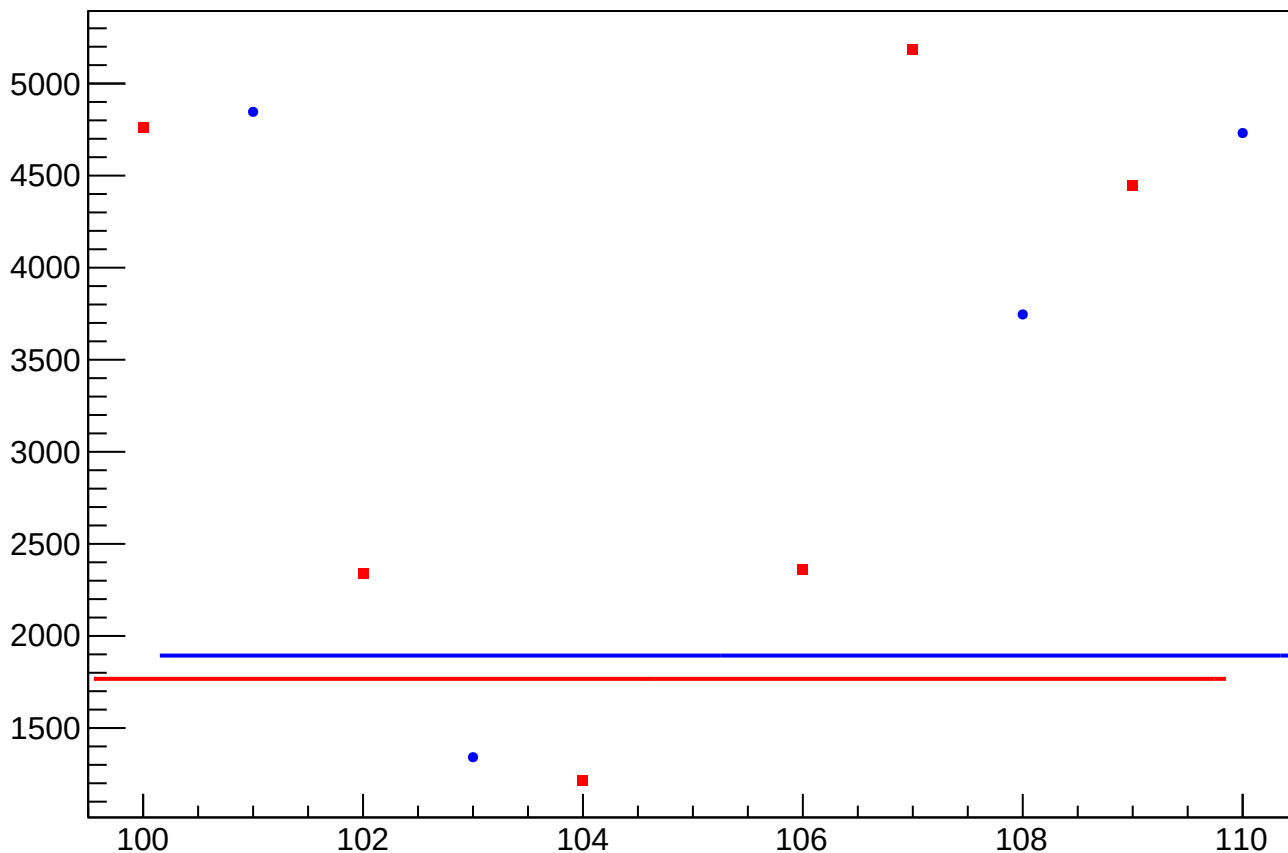
Right: 54.350+/-1054.468 χ^2/NDF : 6.9/9

In: -1342.926+/-1576.330 χ^2/NDF : 2.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.350+/-1054.468 χ^2/NDF : 6.9/9

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1893.493+/-1.115 χ^2/NDF : 1150580.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1767.051+/-1.003 χ^2/NDF : 943926.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

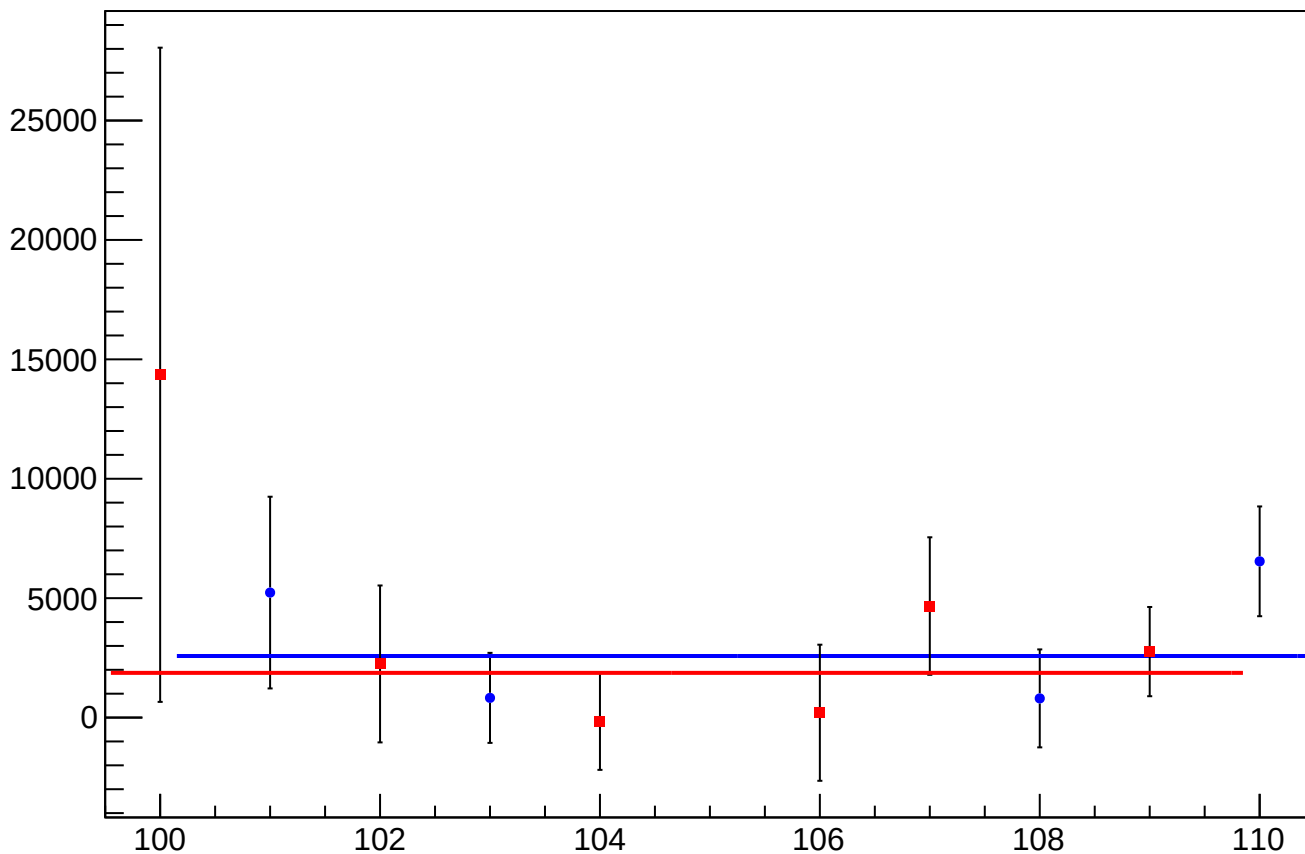
Right: 1823.632+/-0.746 χ^2/NDF : 2101617.3/9

In: 1893.493+/-1.115 χ^2/NDF : 1150580.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1823.632+/-0.746 χ^2/NDF : 2101617.3/9

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2577.986+/-1139.148 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1871.766+/-1072.482 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

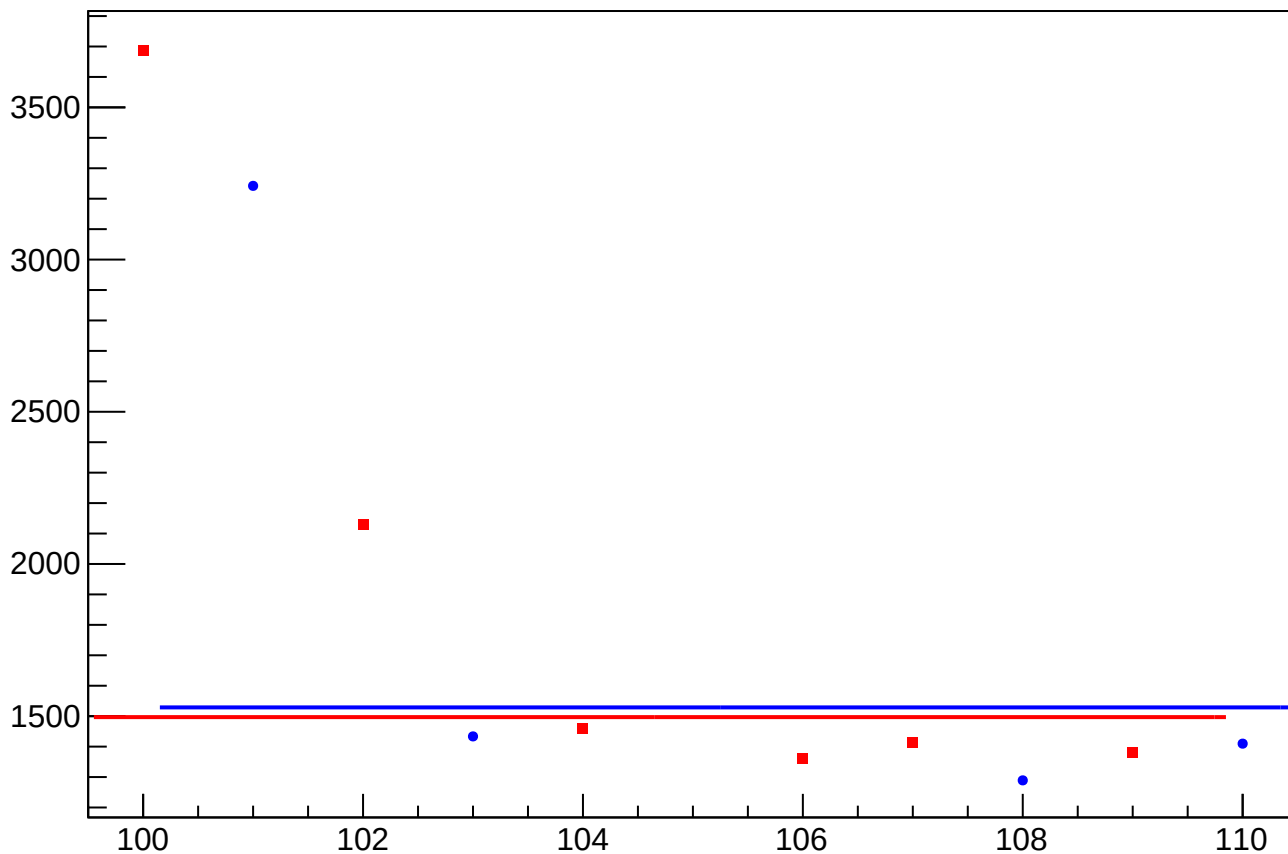
Right: 2203.607+/-780.864 χ^2/NDF : 8.6/9

In: 2577.986+/-1139.148 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2203.607+/-780.864 χ^2/NDF : 8.6/9

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1528.823+/-0.805 χ^2/NDF : 402206.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1496.899+/-0.756 χ^2/NDF : 140711.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

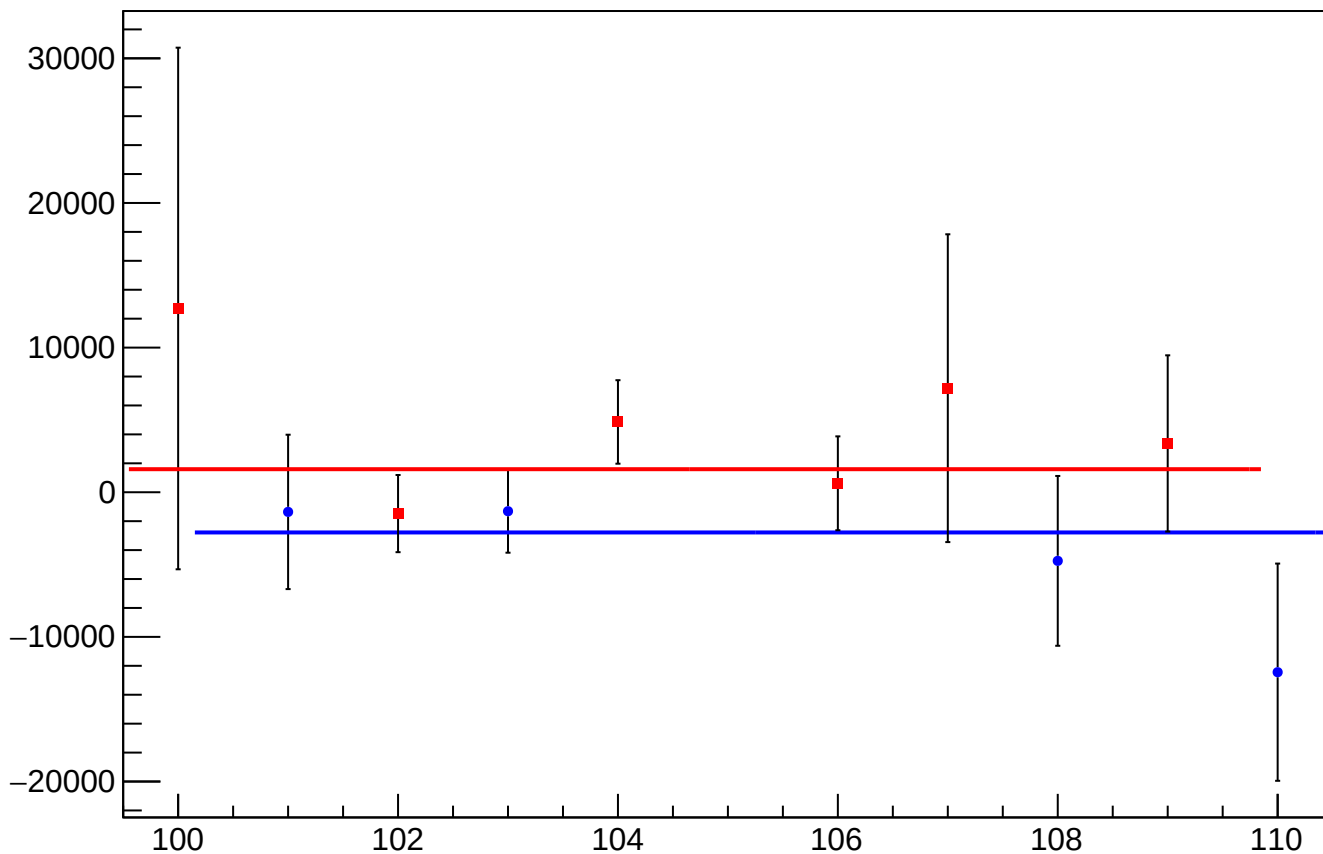
Right: 1511.855+/-0.551 χ^2/NDF : 543752.5/9

In: 1528.823+/-0.805 χ^2/NDF : 402206.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1511.855+/-0.551 χ^2/NDF : 543752.5/9

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2779.872+/-2217.733 χ^2/NDF : 2.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.534+/-1592.435 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

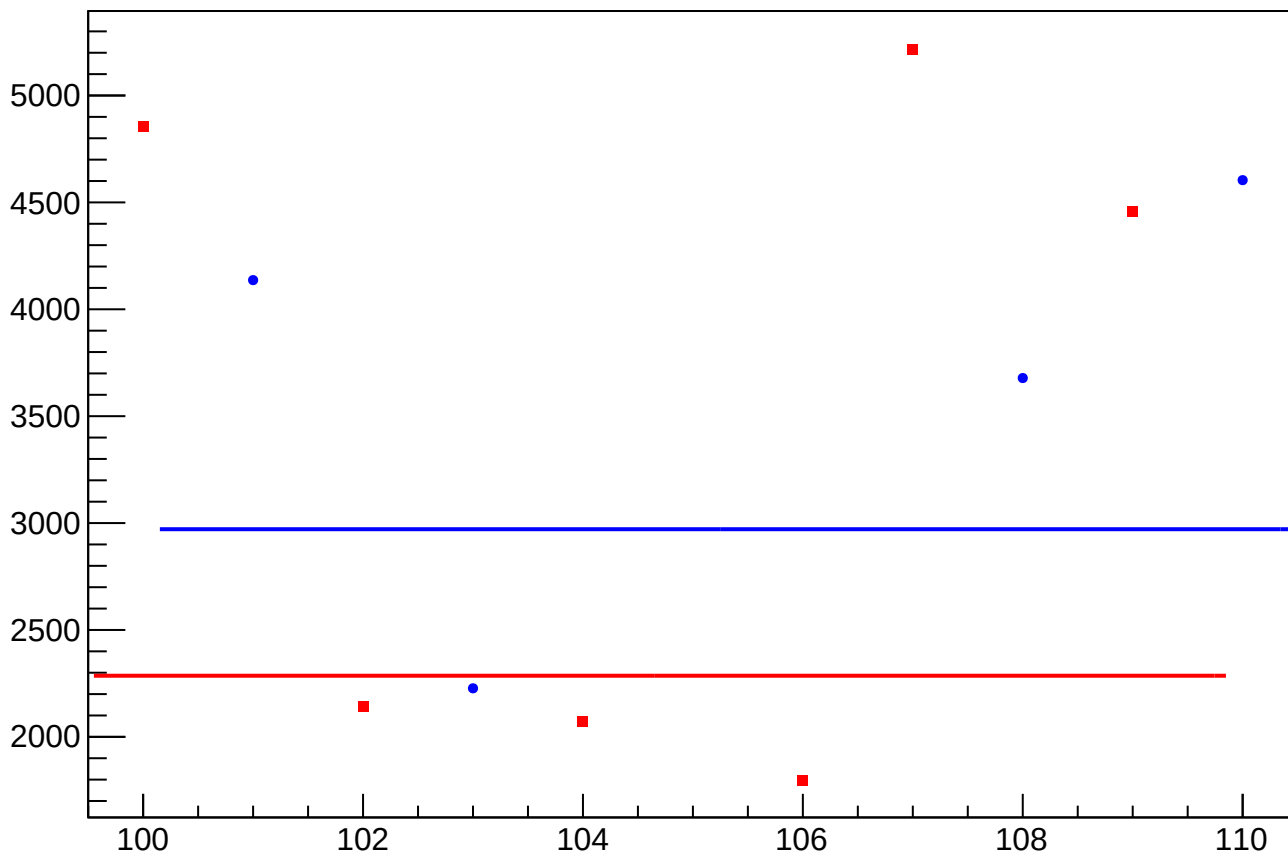
Right: 105.741+/-1293.513 χ^2/NDF : 8.1/9

In: -2779.872+/-2217.733 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.741+/-1293.513 χ^2/NDF : 8.1/9

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2971.286+/-1.568 χ^2/NDF : 353451.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2285.905+/-1.126 χ^2/NDF : 508098.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

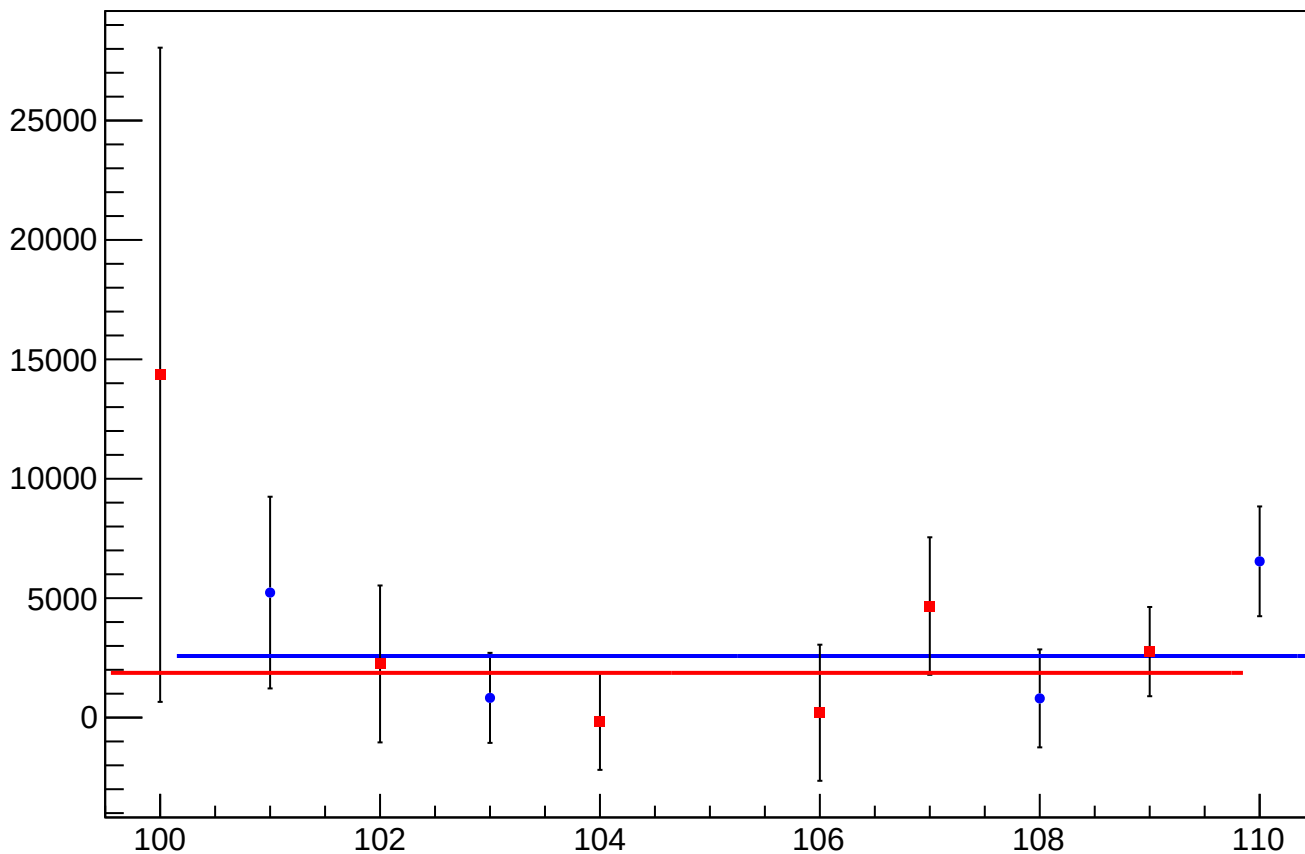
Right: 2519.065+/-0.915 χ^2/NDF : 987584.9/9

In: 2971.286+/-1.568 χ^2/NDF : 353451.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2519.065+/-0.915 χ^2/NDF : 987584.9/9

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2577.991+/-1139.148 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1871.759+/-1072.481 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

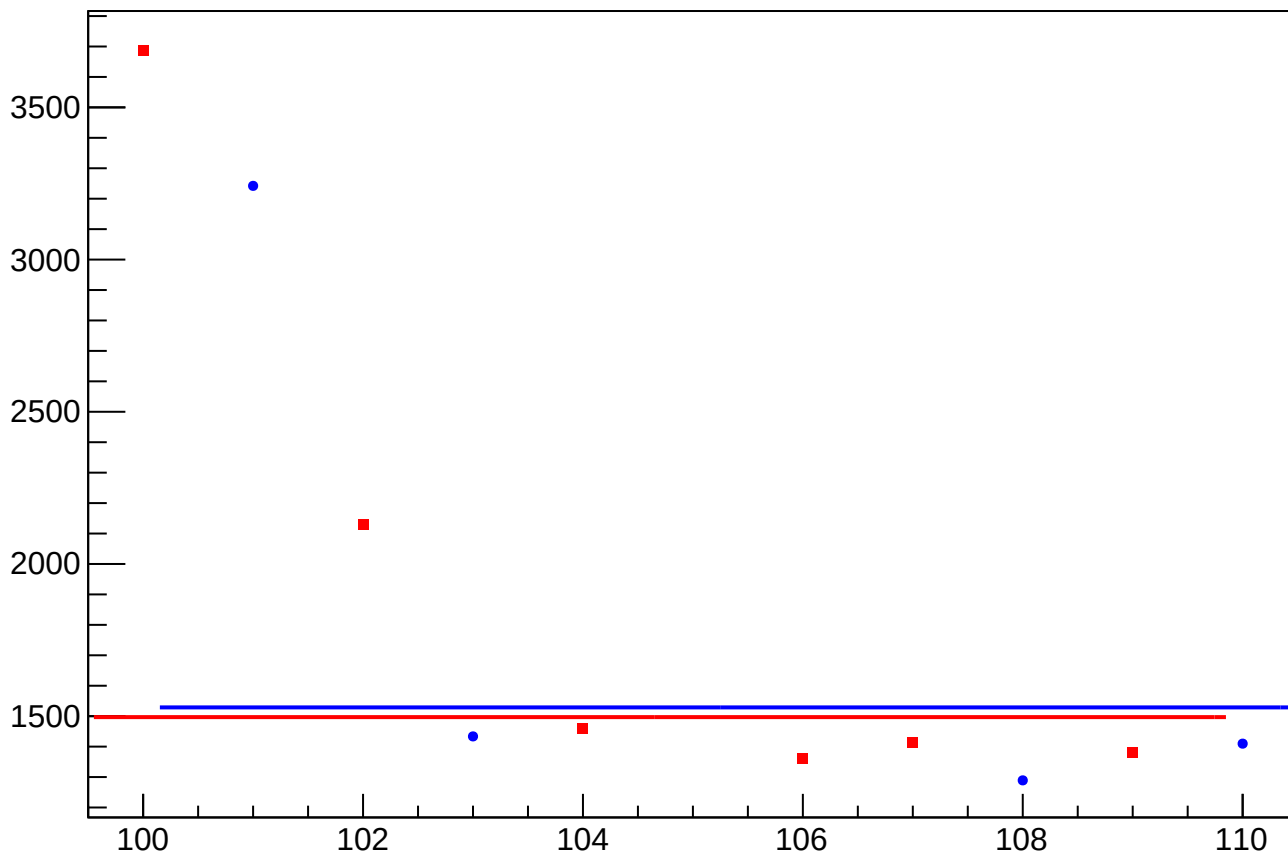
Right: 2203.606+/-780.864 χ^2/NDF : 8.6/9

In: 2577.991+/-1139.148 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2203.606+/-780.864 χ^2/NDF : 8.6/9

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1528.823+/-0.805 χ^2/NDF : 402206.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1496.898+/-0.756 χ^2/NDF : 140710.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

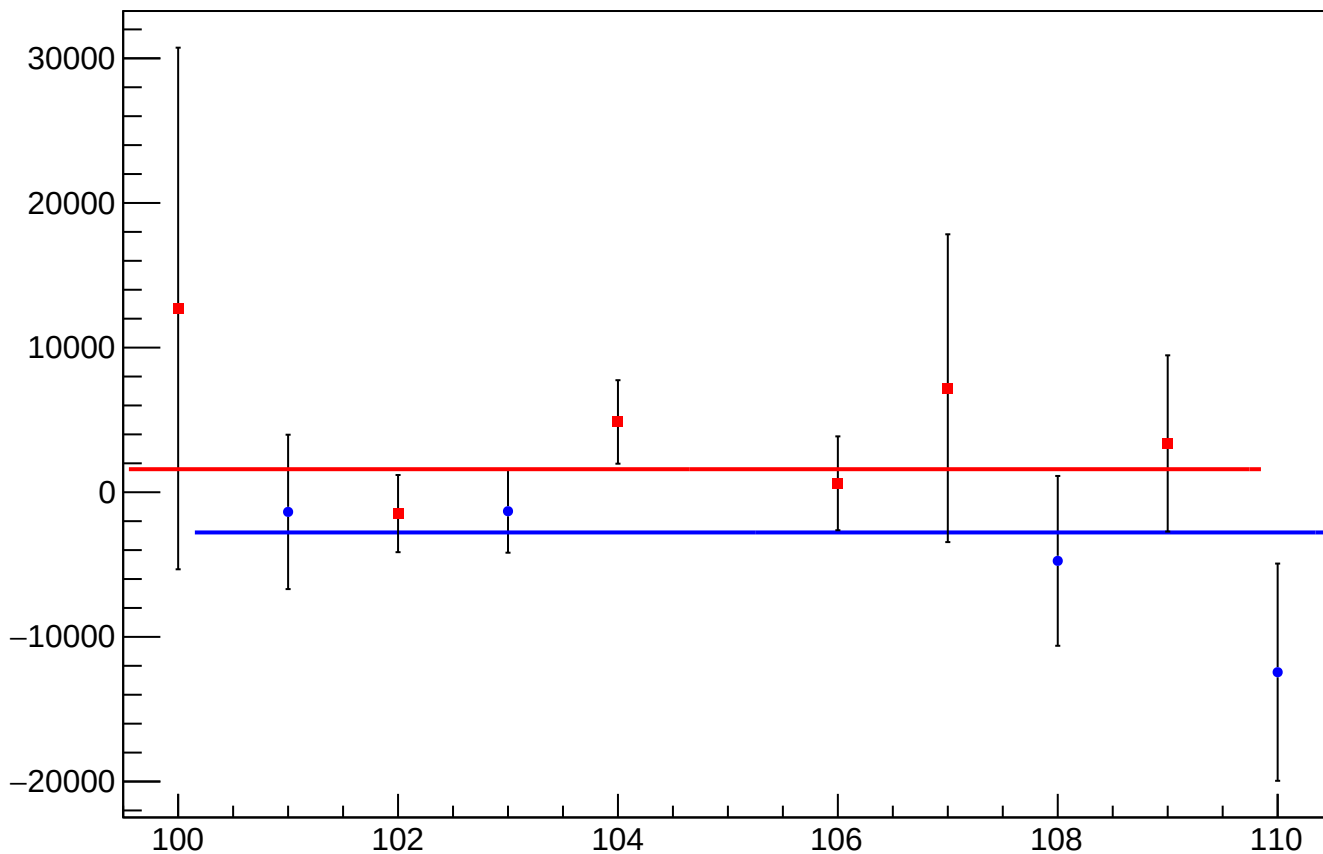
Right: 1511.854+/-0.551 χ^2/NDF : 543751.9/9

In: 1528.823+/-0.805 χ^2/NDF :402206.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1511.854+/-0.551 χ^2/NDF : 543751.9/9

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2779.870+/-2217.729 χ^2/NDF : 2.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.532+/-1592.431 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

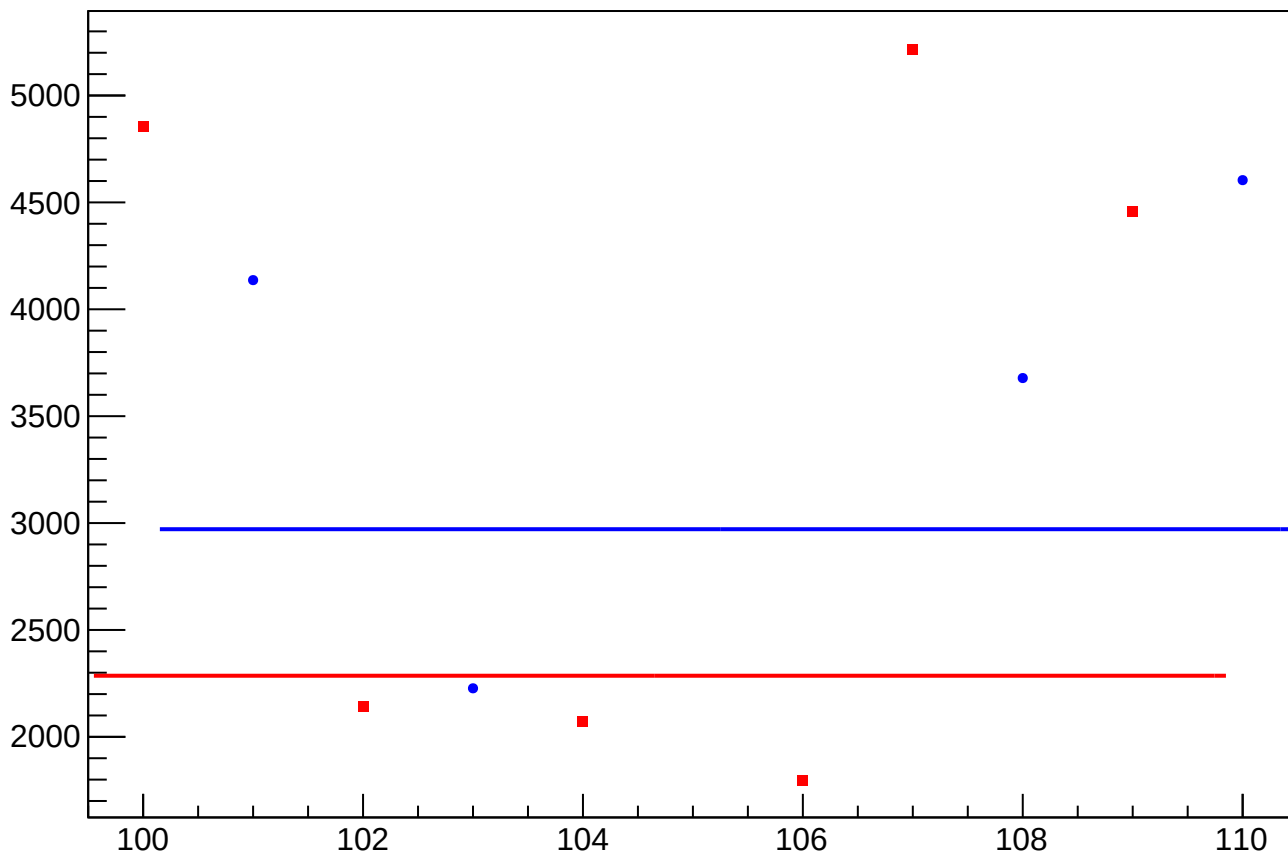
Right: 105.741+/-1293.510 χ^2/NDF : 8.1/9

In: -2779.870+/-2217.729 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.741+/-1293.510 χ^2/NDF : 8.1/9

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2971.280+/-1.568 χ^2/NDF : 353451.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2285.899+/-1.126 χ^2/NDF : 508099.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

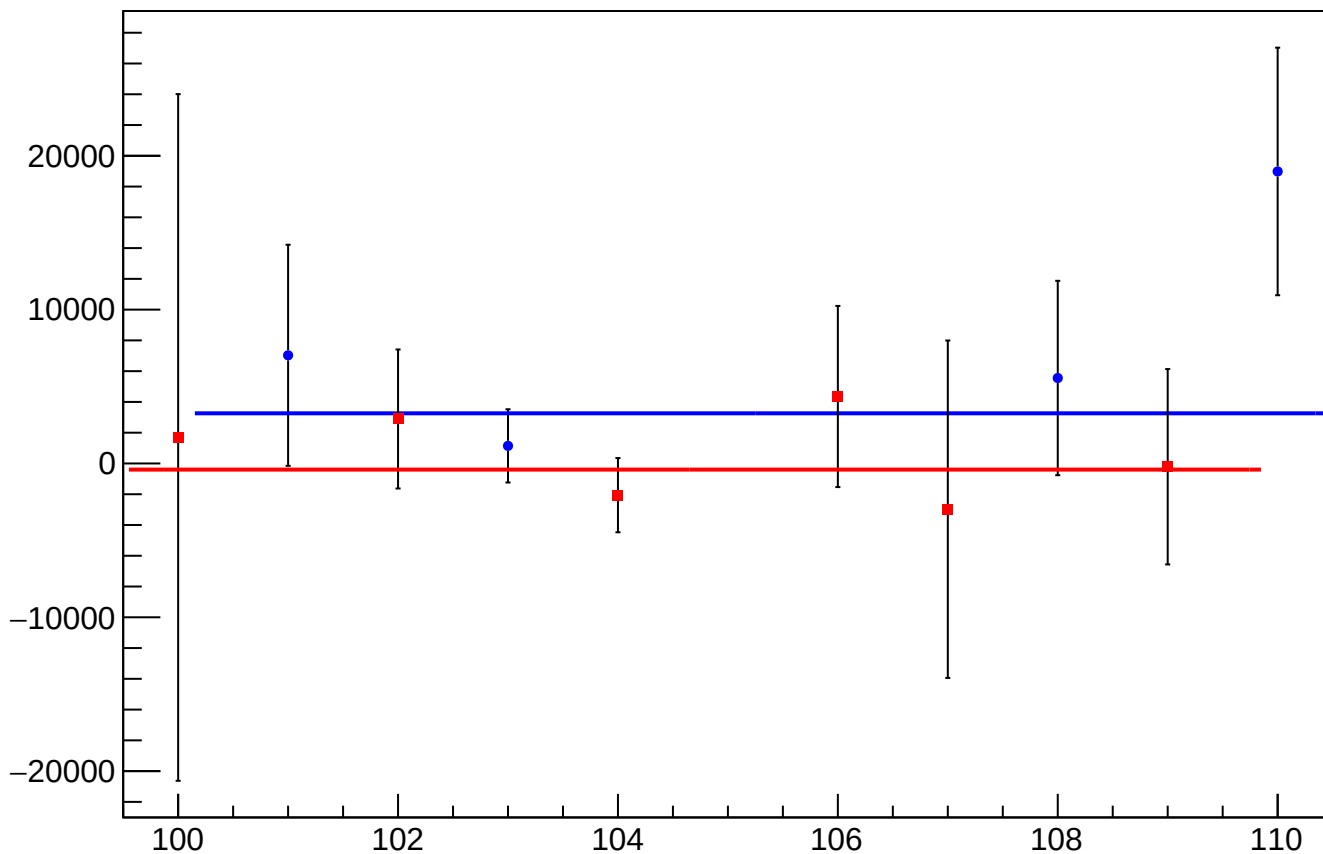
Right: 2519.059+/-0.915 χ^2/NDF : 987587.4/9

In: 2971.280+/-1.568 χ^2/NDF : 353451.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2519.059+/-0.915 χ^2/NDF : 987587.4/9

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3259.981+/-2057.532 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -398.915+/-1874.144 χ^2/NDF : 1.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

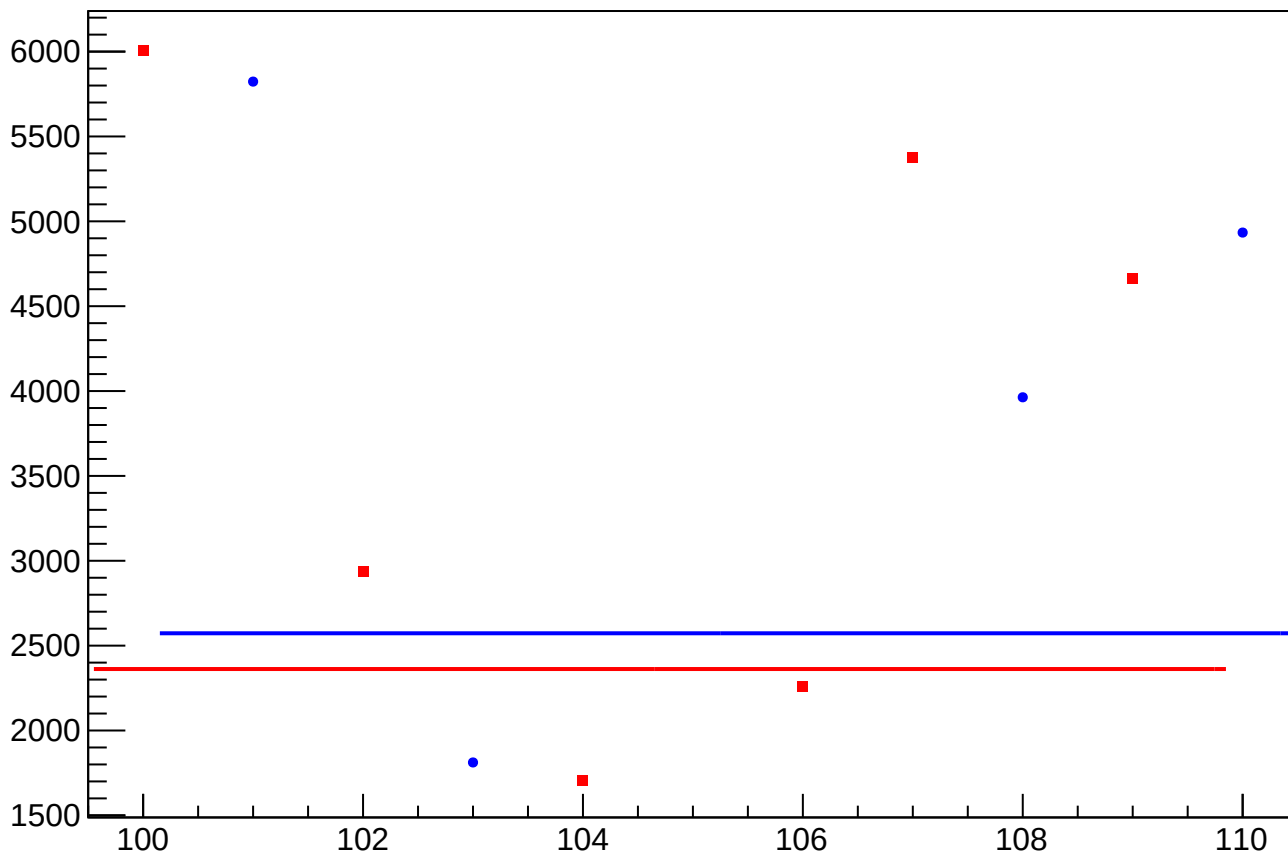
Right: 1260.240+/-1385.527 χ^2/NDF : 8.5/9

In: 3259.981+/-2057.532 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1260.240+/-1385.527 χ^2/NDF : 8.5/9

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2572.820+/-1.455 χ^2/NDF : 882465.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2362.241+/-1.290 χ^2/NDF : 647969.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

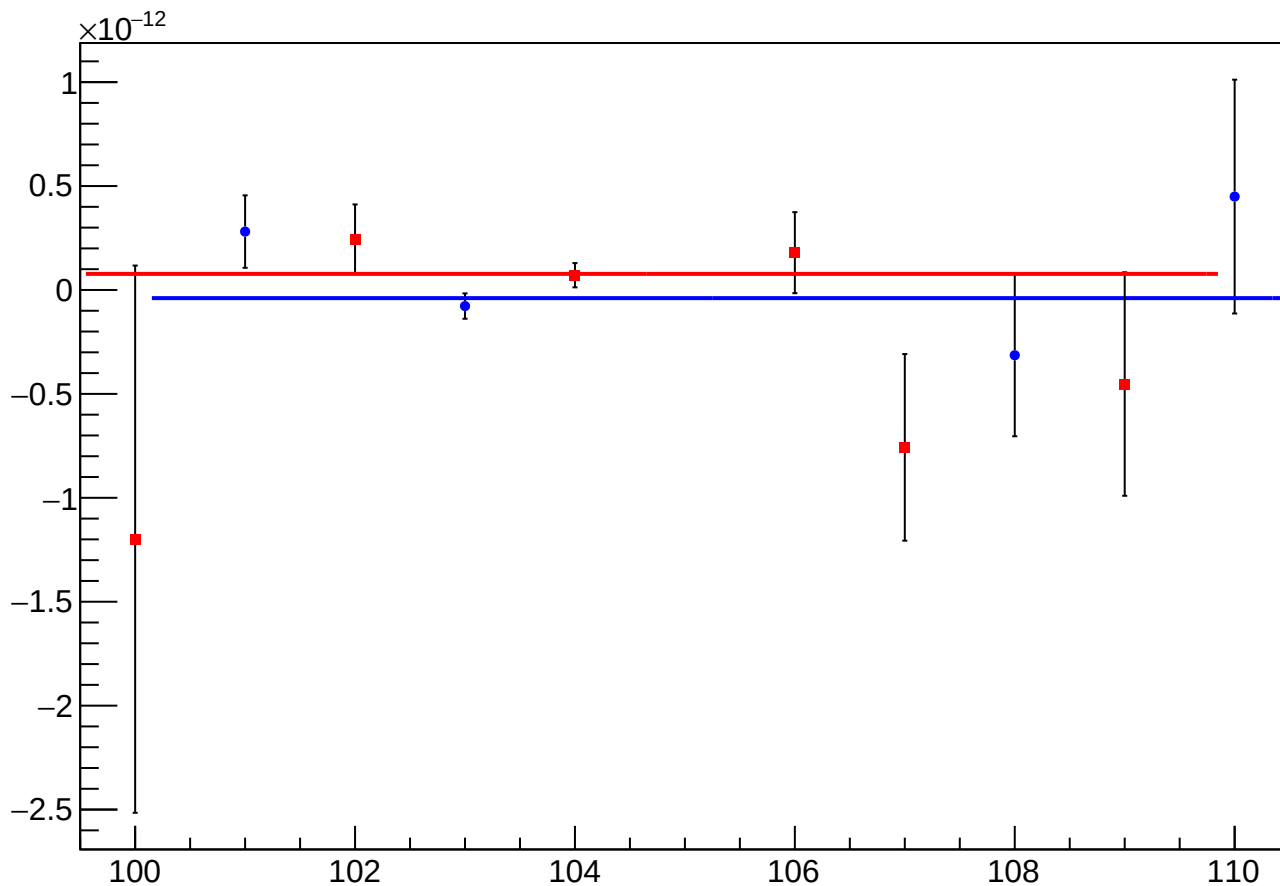
Right: 2454.954+/-0.965 χ^2/NDF : 1542161.8/9

In: 2572.820+/-1.455 χ^2/NDF : 882465.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2454.954+/-0.965 χ^2/NDF : 1542161.8/9

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

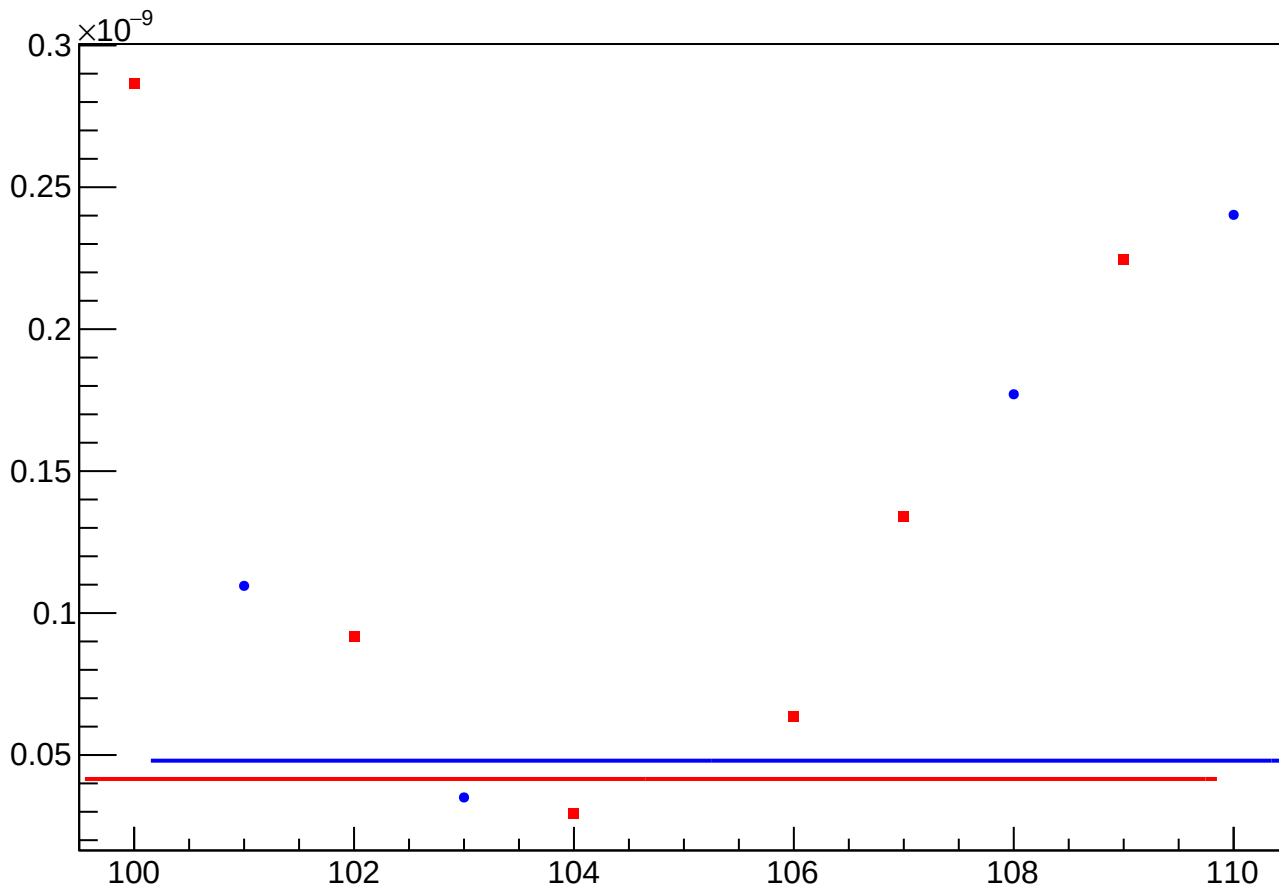
Right: 0.000+/-0.000 χ^2/NDF : 13.9/9

In: -0.000+/-0.000 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.9/9

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 792483.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 677461.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

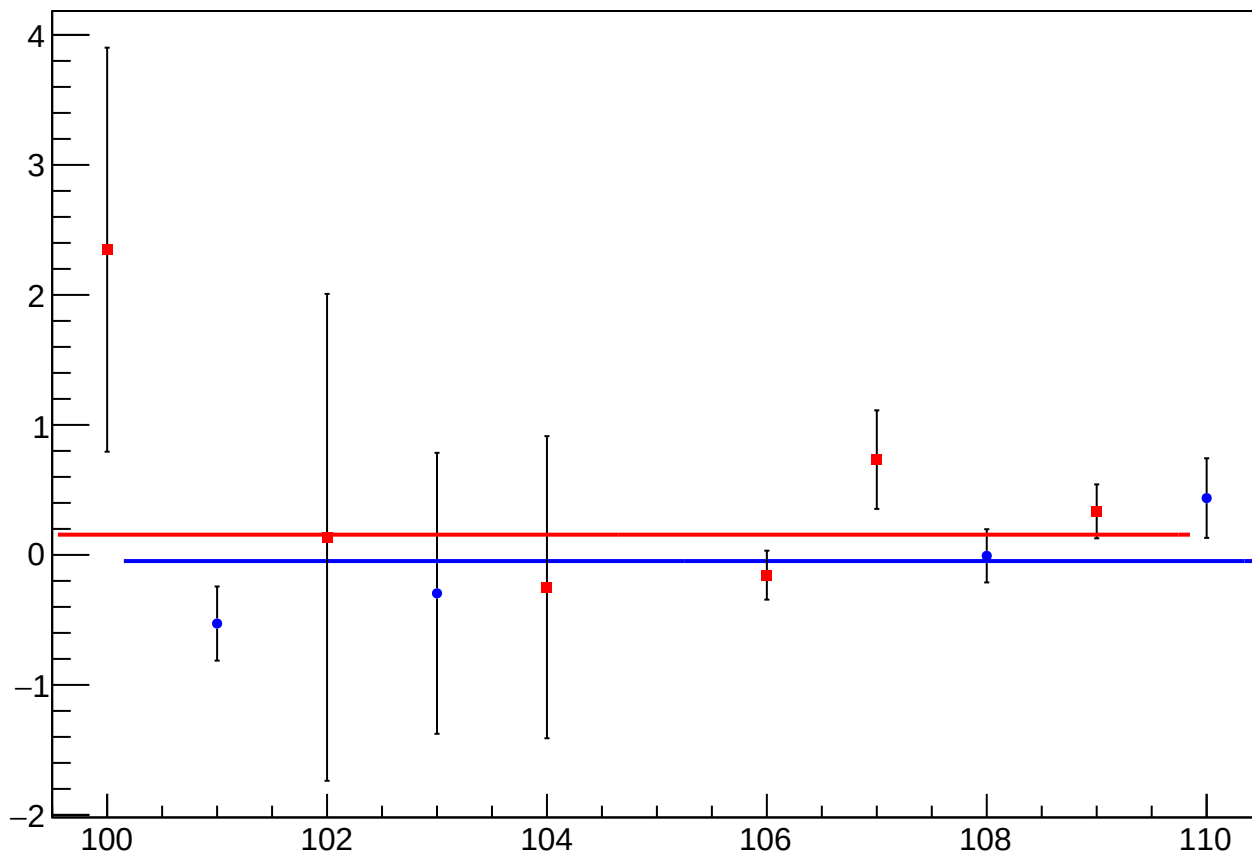
Right: 0.000+/-0.000 χ^2/NDF : 1483912.3/9

In: 0.000+/-0.000 χ^2/NDF : 792483.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1483912.3/9

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.145 χ^2 /NDF: 5.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.156 $\pm$ 0.129 χ^2 /NDF: 7.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

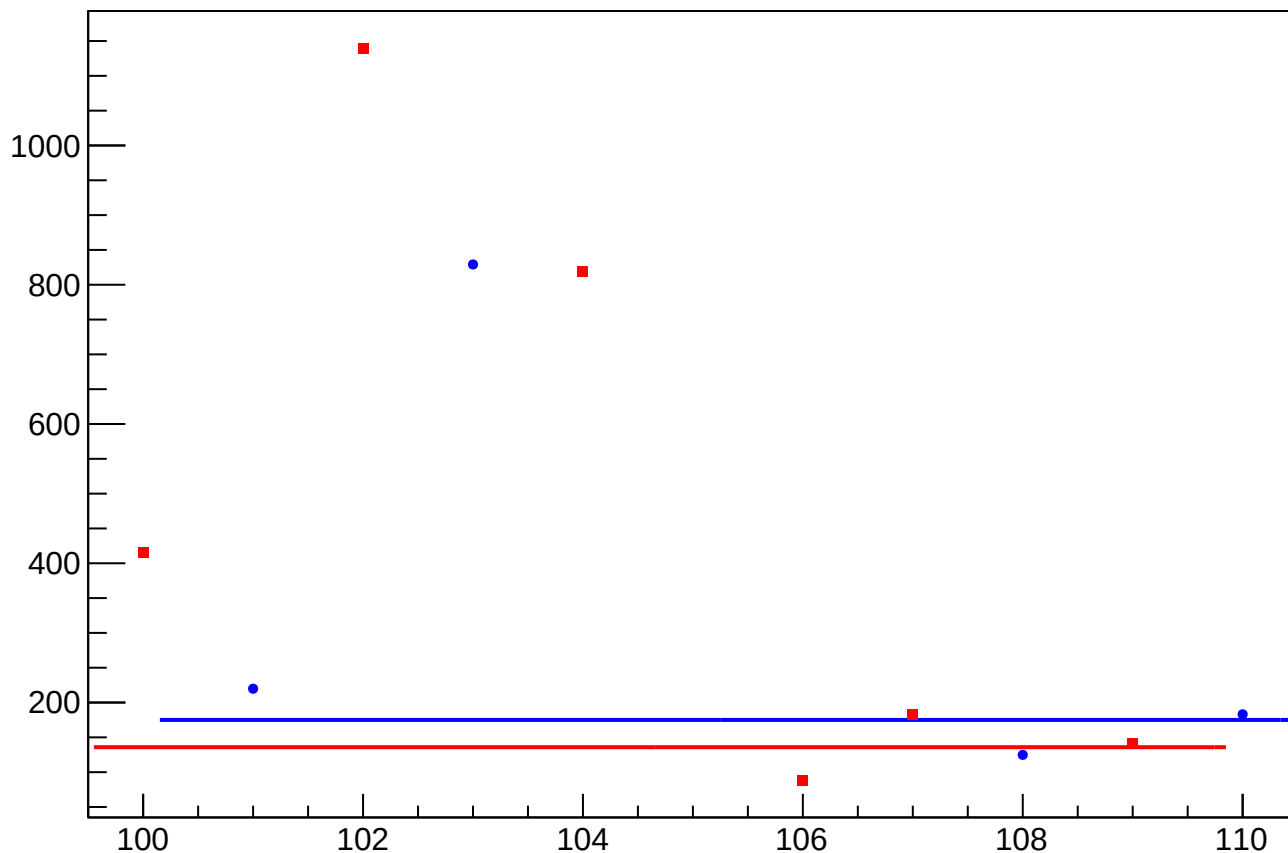
Right: 0.066 $\pm$ 0.096 χ^2 /NDF: 14.4/9

In: -0.047 $\pm$ 0.145 χ^2 /NDF:5.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.066 $\pm$ 0.096 χ^2 /NDF: 14.4/9

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 175.011+/-0.102 χ^2/NDF : 903886.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.845+/-0.091 χ^2/NDF : 1492282.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

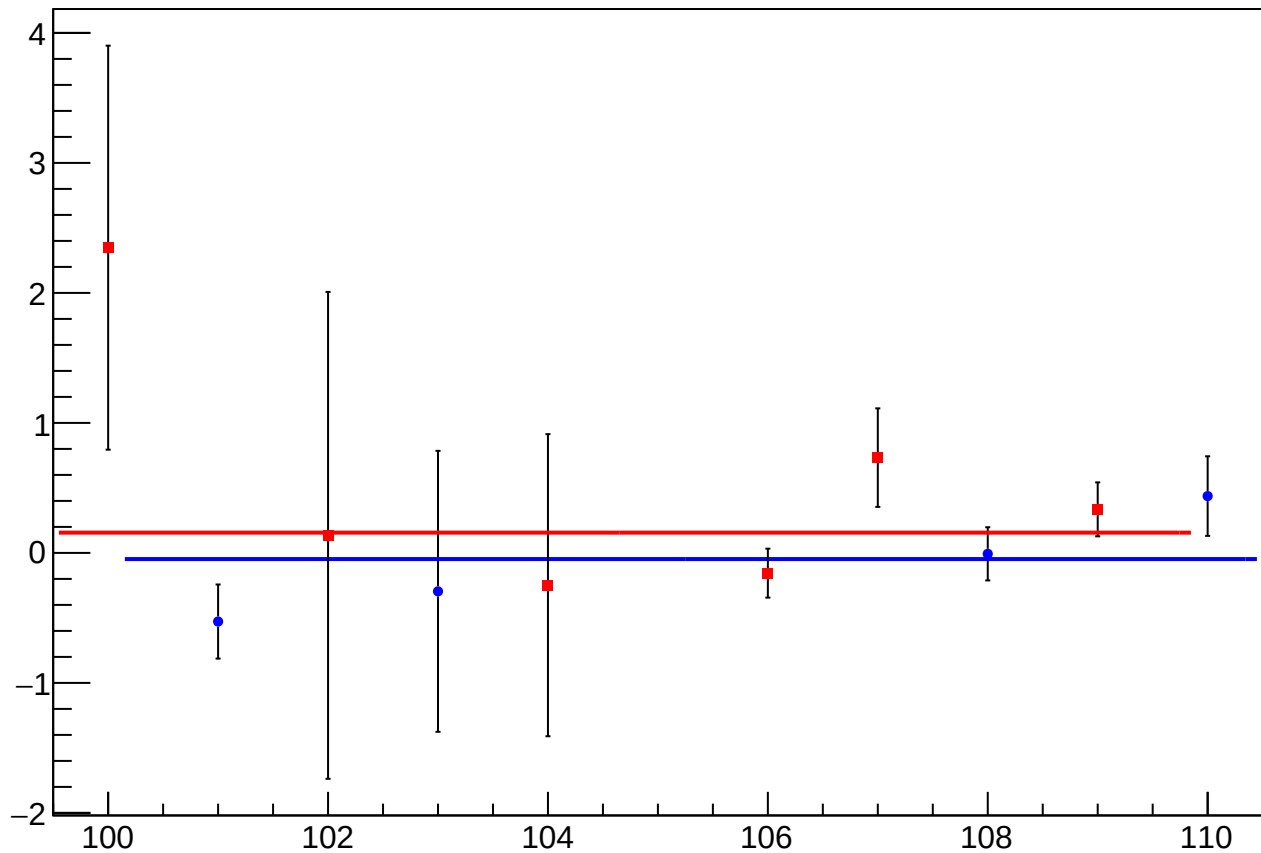
Right: 153.218+/-0.068 χ^2/NDF : 2477630.3/9

In: 175.011+/-0.102 χ^2/NDF : 903886.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.218+/-0.068 χ^2/NDF : 2477630.3/9

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.145 χ^2 /NDF: 5.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.156 $\pm$ 0.129 χ^2 /NDF: 7.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

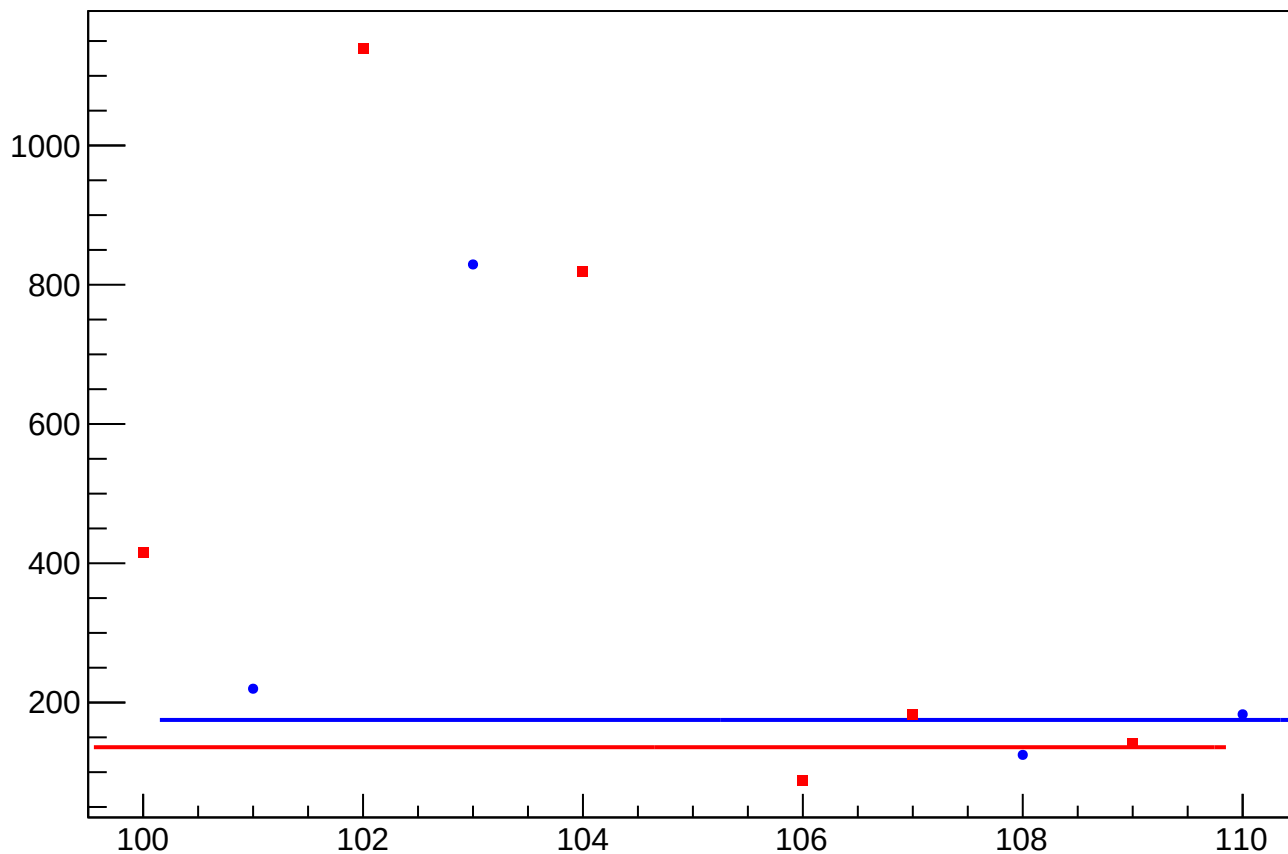
Right: 0.066 $\pm$ 0.096 χ^2 /NDF: 14.4/9

In: -0.047 $\pm$ 0.145 χ^2 /NDF:5.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.066 $\pm$ 0.096 χ^2 /NDF: 14.4/9

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 175.011+/-0.102 χ^2/NDF : 903886.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.845+/-0.091 χ^2/NDF : 1492282.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

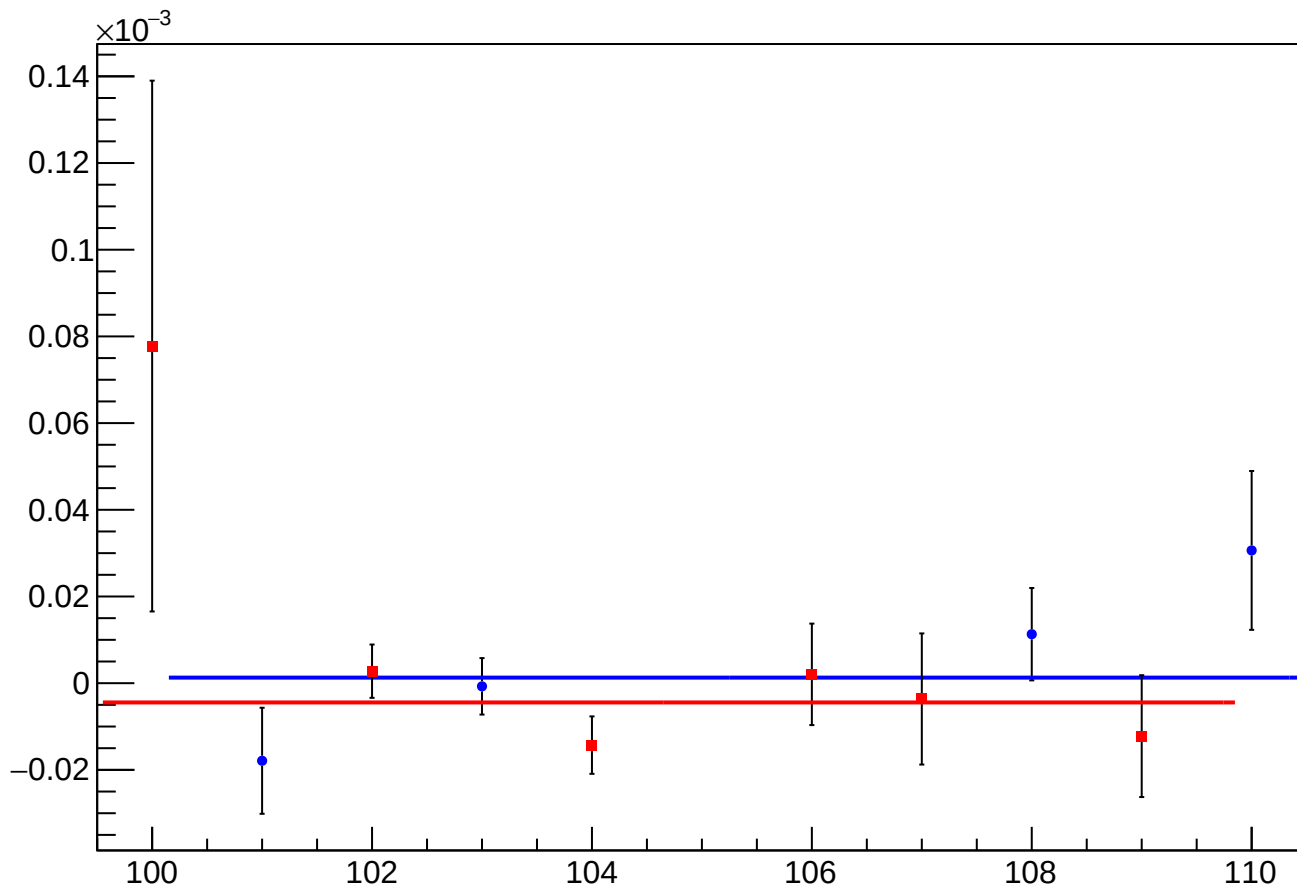
Right: 153.218+/-0.068 χ^2/NDF : 2477630.3/9

In: 175.011+/-0.102 χ^2/NDF : 903886.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.218+/-0.068 χ^2/NDF : 2477630.3/9

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

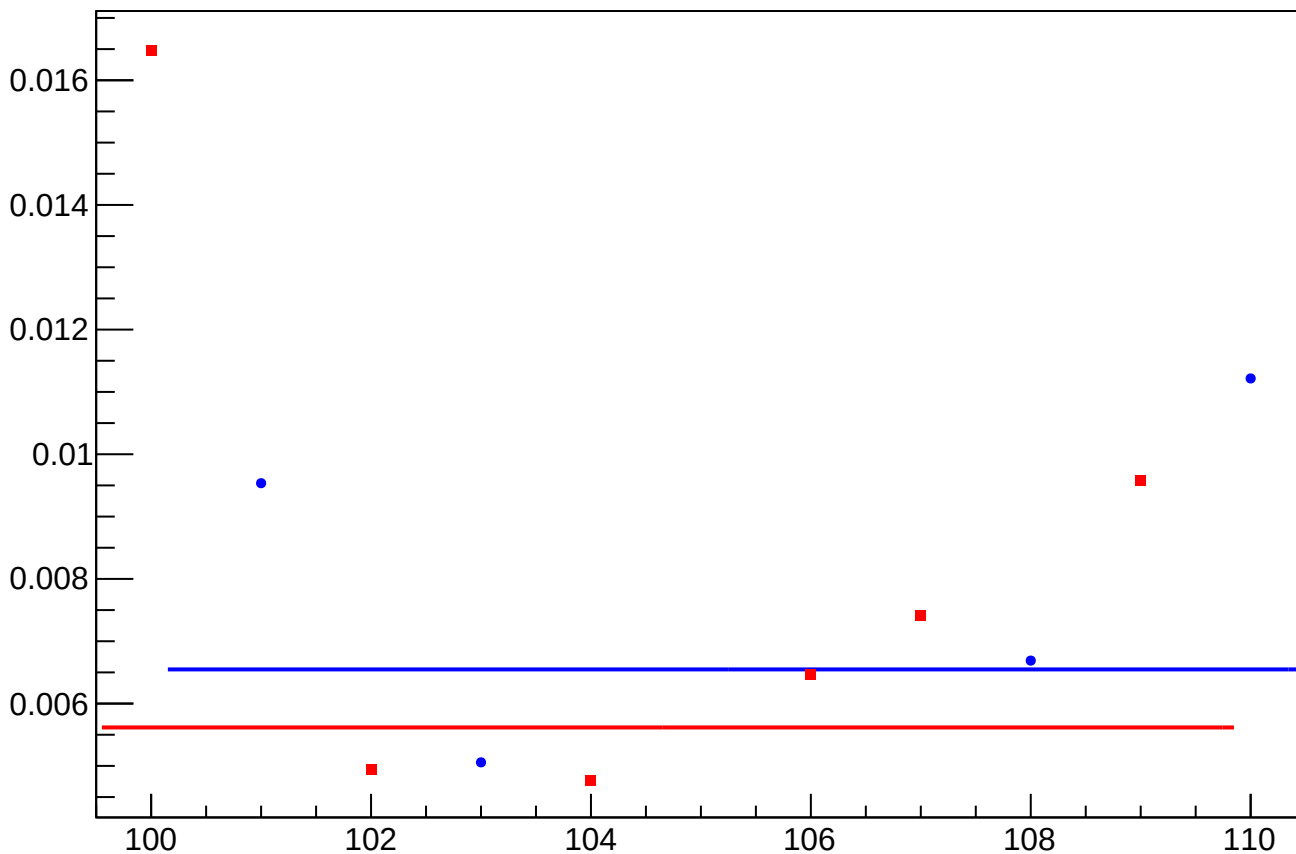
Right: -0.000+/-0.000 χ^2/NDF : 12.8/9

In: 0.000+/-0.000 χ^2/NDF : 6.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.8/9

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 354189.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 317942.7/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

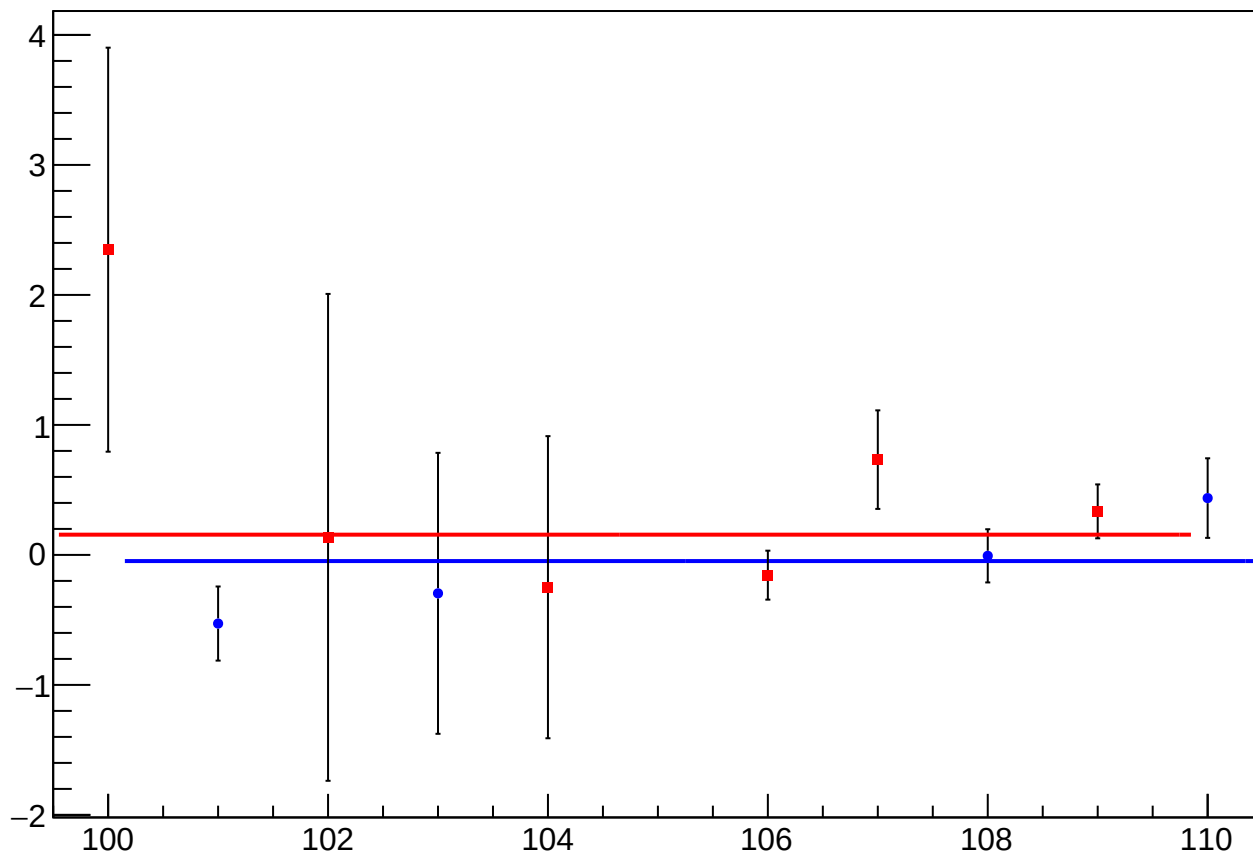
Right: 0.006+/-0.000 χ^2/NDF : 716694.1/9

In: 0.007+/-0.000 χ^2/NDF :354189.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 716694.1/9

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.145 χ^2 /NDF: 5.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.156 $\pm$ 0.129 χ^2 /NDF: 7.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

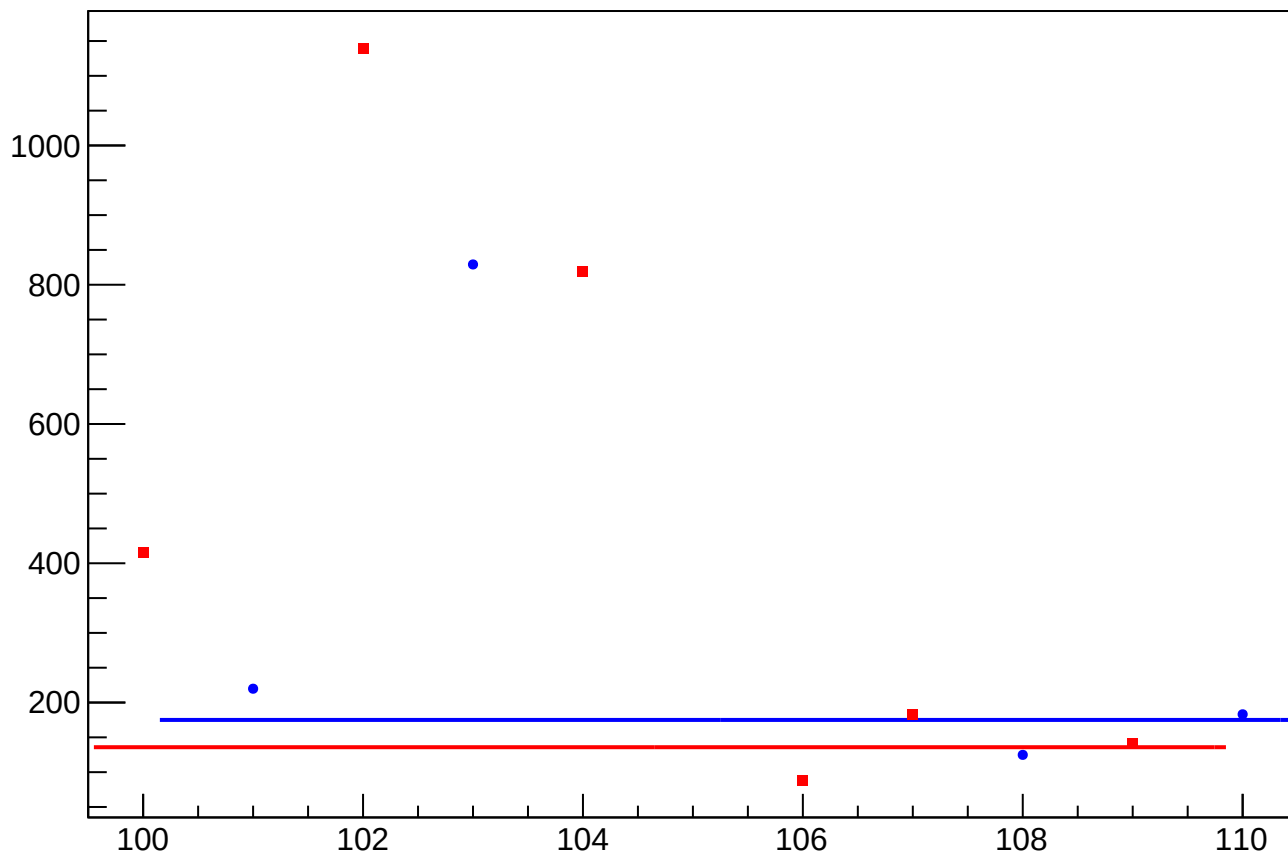
Right: 0.066 $\pm$ 0.096 χ^2 /NDF: 14.4/9

In: -0.047 $\pm$ 0.145 χ^2 /NDF:5.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.066 $\pm$ 0.096 χ^2 /NDF: 14.4/9

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 175.014+/-0.102 χ^2/NDF : 903866.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.843+/-0.091 χ^2/NDF : 1492294.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

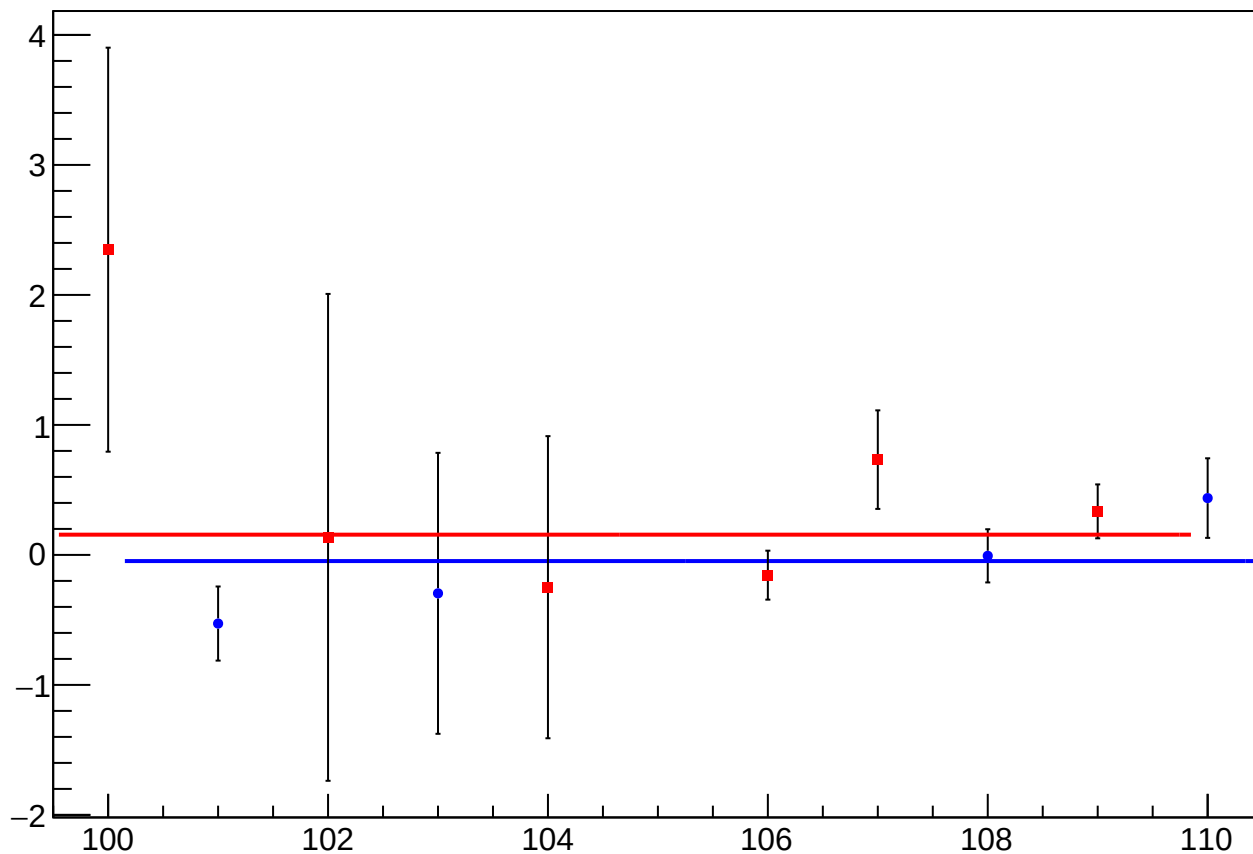
Right: 153.219+/-0.068 χ^2/NDF : 2477641.1/9

In: 175.014+/-0.102 χ^2/NDF : 903866.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.219+/-0.068 χ^2/NDF : 2477641.1/9

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.145 χ^2 /NDF: 5.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.156 $\pm$ 0.129 χ^2 /NDF: 7.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

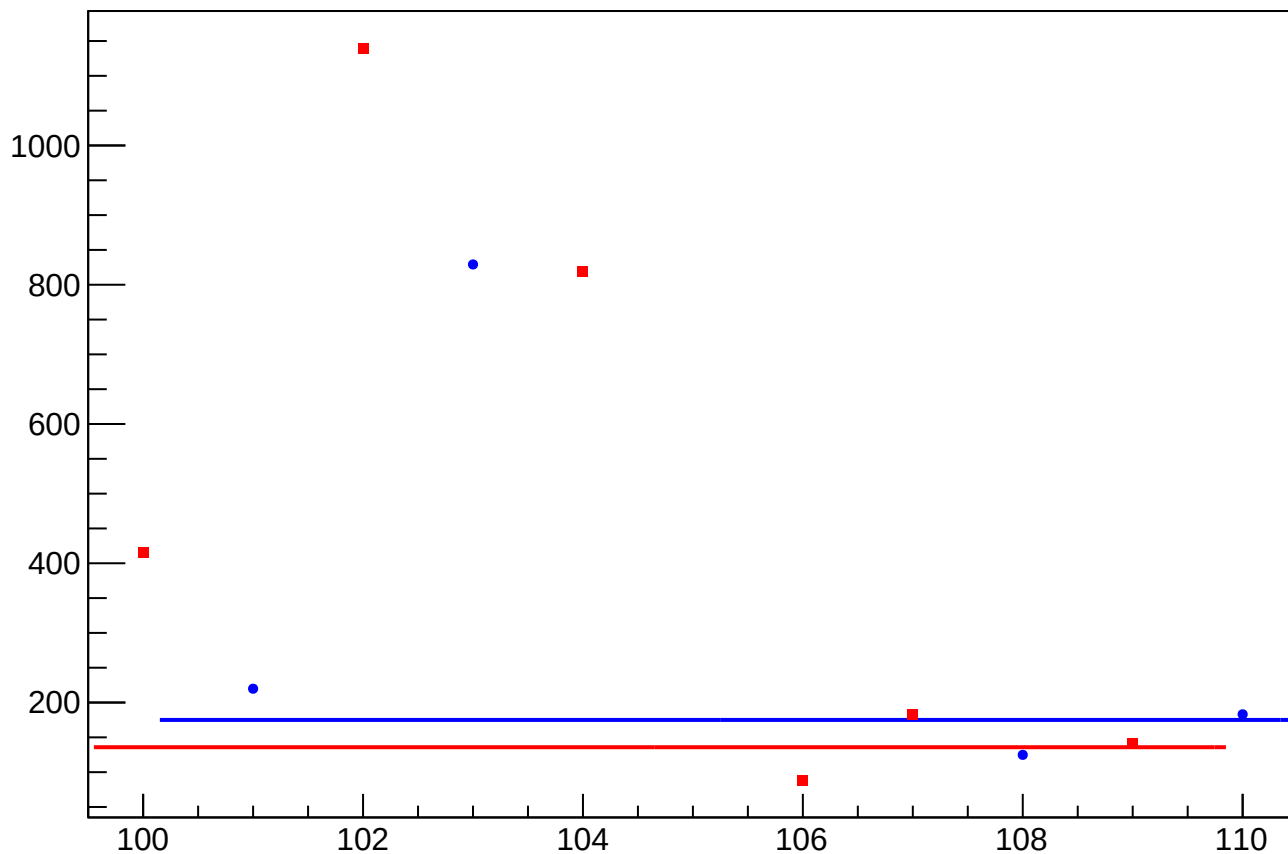
Right: 0.066 $\pm$ 0.096 χ^2 /NDF: 14.4/9

In: -0.047 $\pm$ 0.145 χ^2 /NDF:5.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.066 $\pm$ 0.096 χ^2 /NDF: 14.4/9

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 175.014+/-0.102 χ^2/NDF : 903866.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.843+/-0.091 χ^2/NDF : 1492294.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

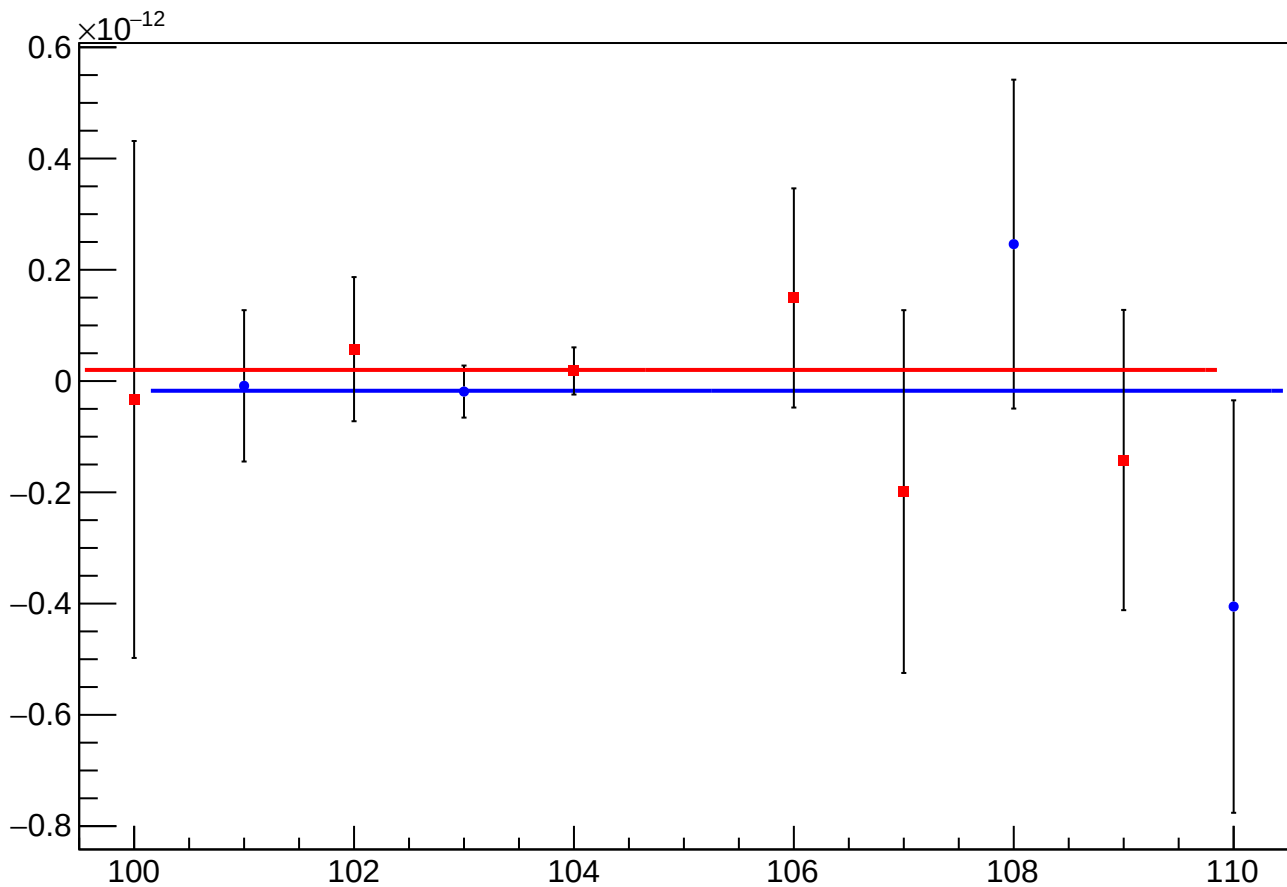
Right: 153.219+/-0.068 χ^2/NDF : 2477641.1/9

In: 175.014+/-0.102 χ^2/NDF : 903866.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.219+/-0.068 χ^2/NDF : 2477641.1/9

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

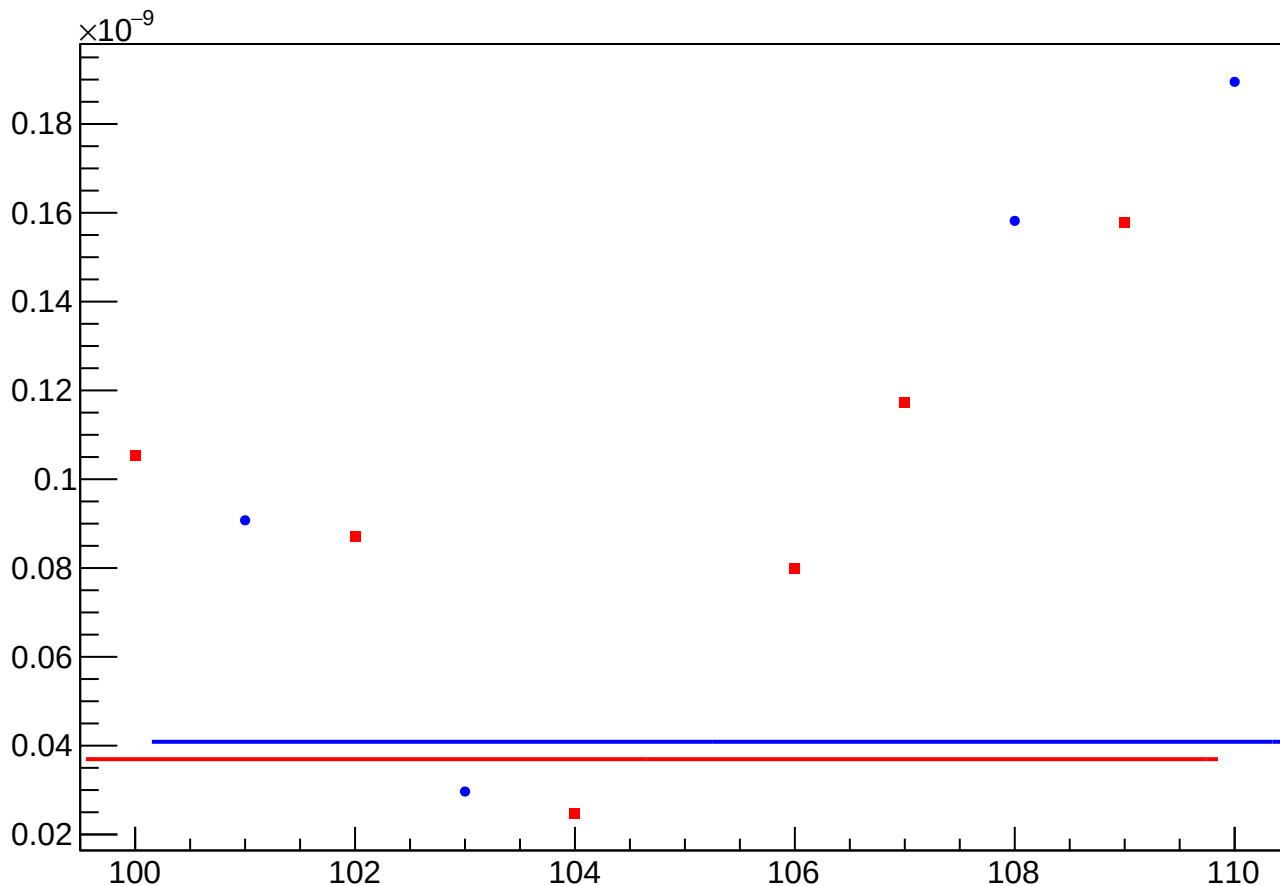
Right: 0.000+/-0.000 χ^2/NDF : 3.6/9

In: -0.000+/-0.000 χ^2/NDF : 1.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.6/9

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1020045.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1128865.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

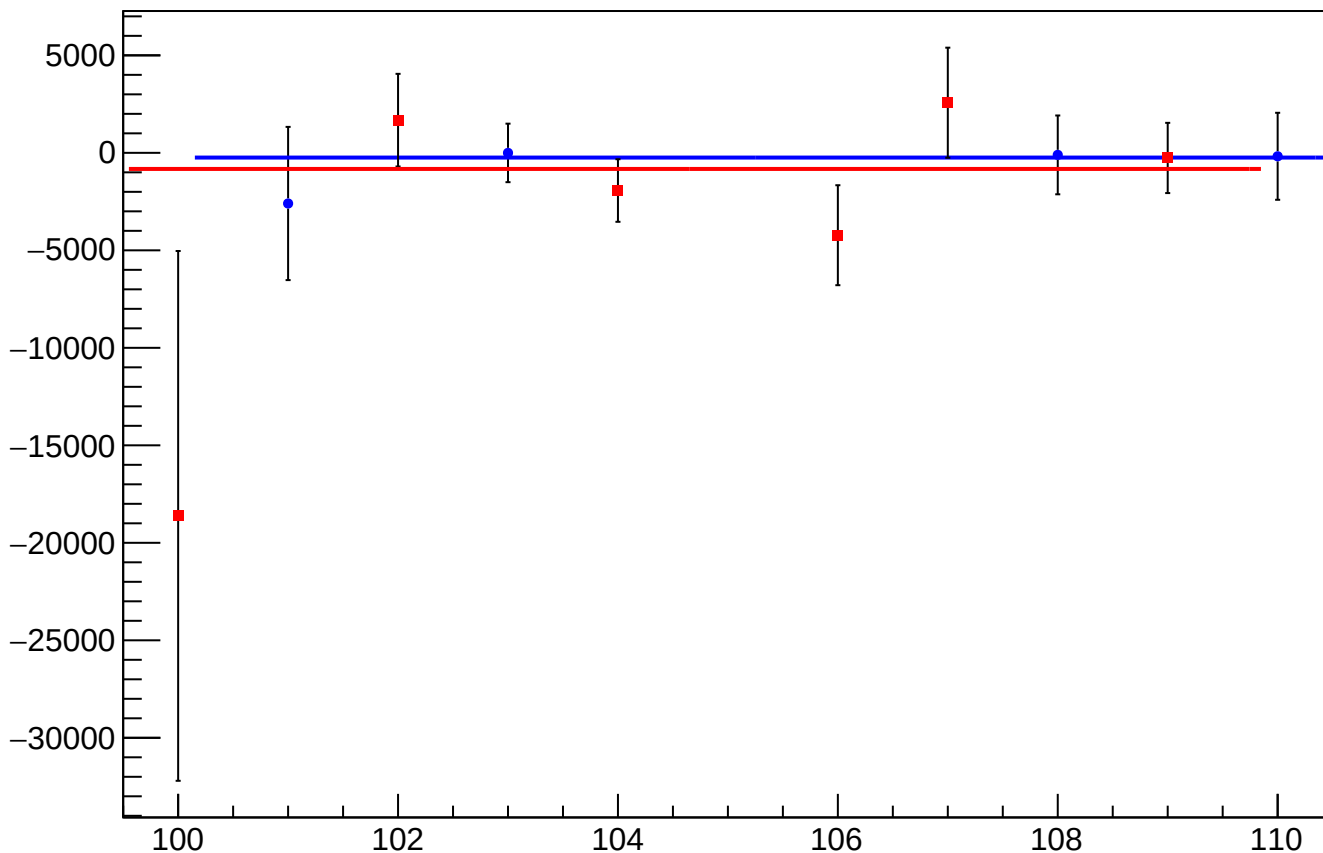
Right: 0.000+/-0.000 χ^2/NDF : 2157967.5/9

In: 0.000+/-0.000 χ^2/NDF : 1020045.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2157967.5/9

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -242.375+/-1023.355 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -825.662+/-929.714 χ^2/NDF : 6.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

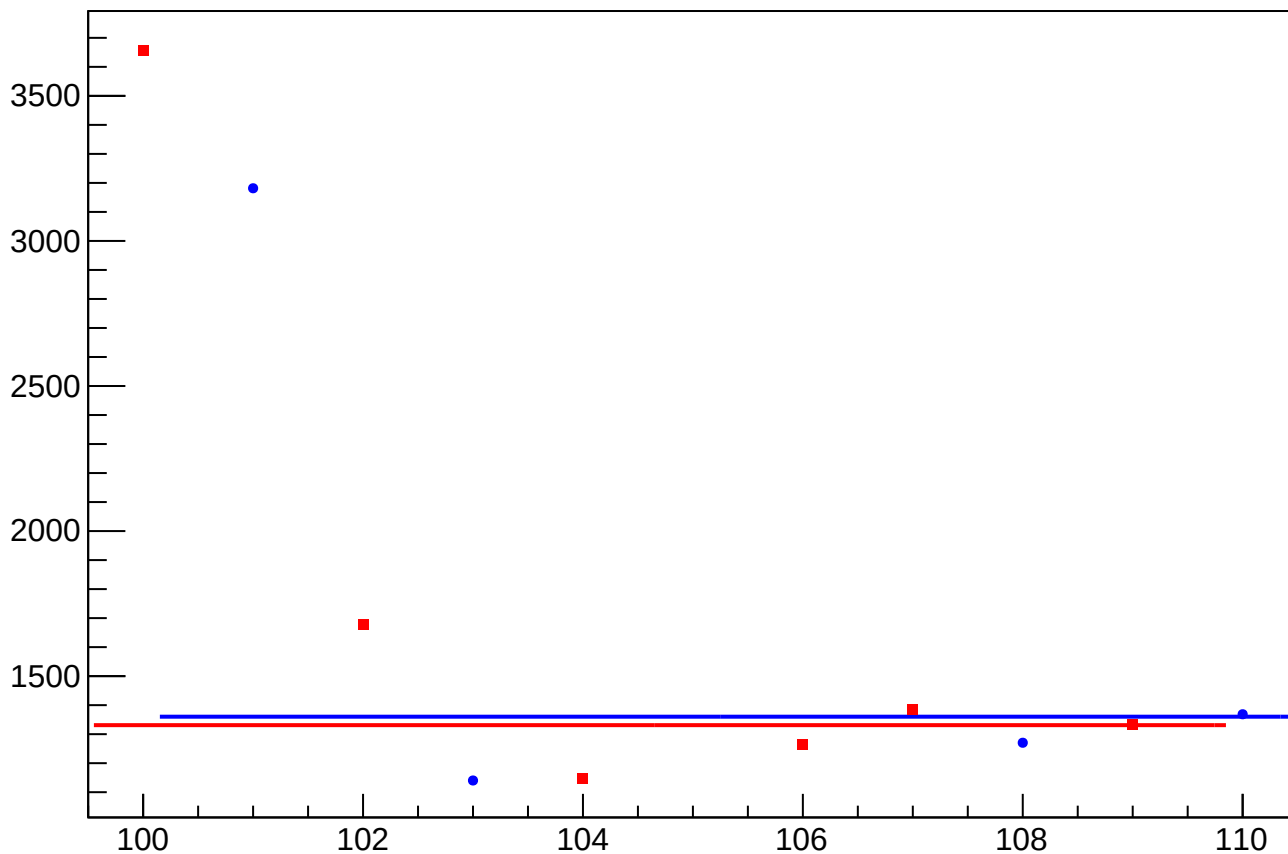
Right: -561.921+/-688.136 χ^2/NDF : 7.2/9

In: -242.375+/-1023.355 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -561.921+/-688.136 χ^2/NDF : 7.2/9

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1360.239+/-0.724 χ^2/NDF : 476803.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1331.062+/-0.657 χ^2/NDF : 128866.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

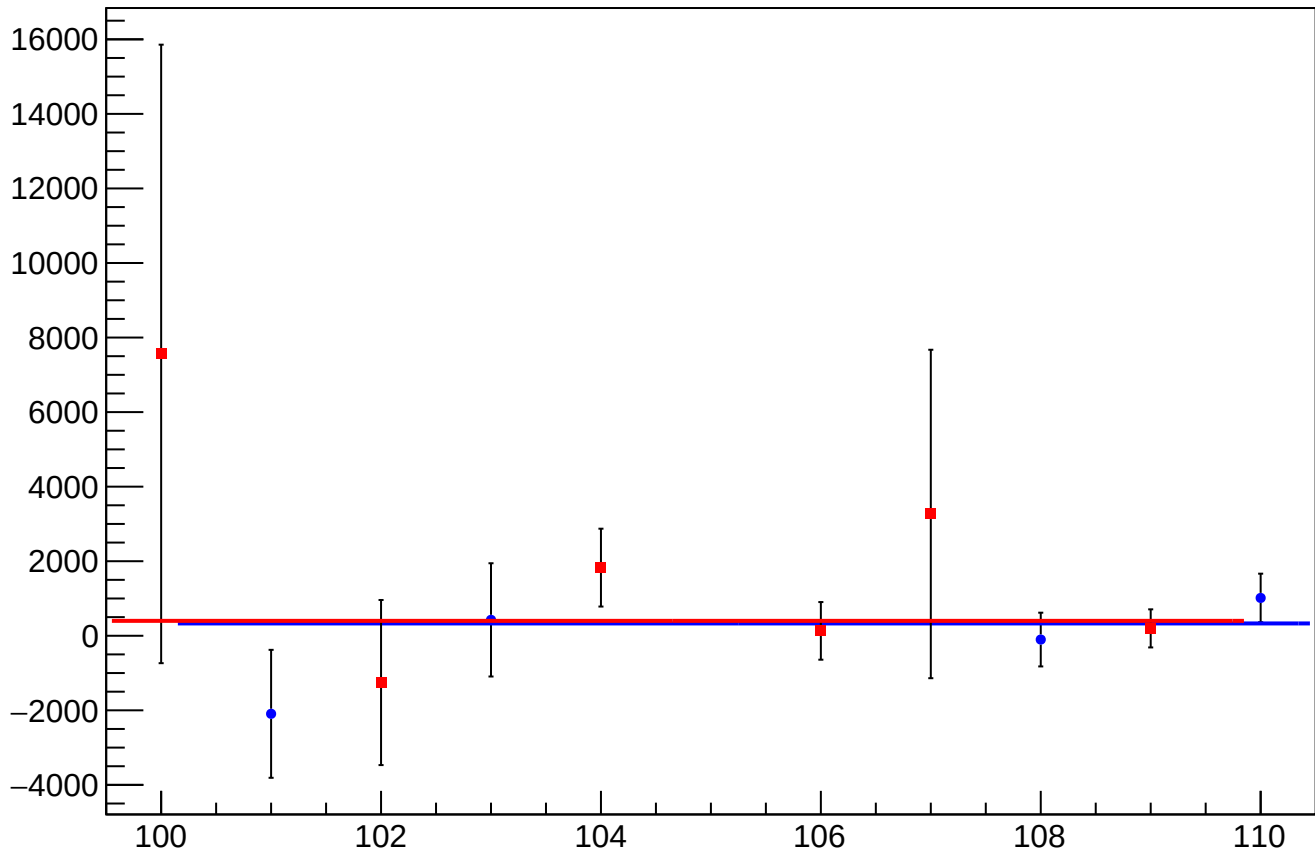
Right: 1344.255+/-0.487 χ^2/NDF : 606560.2/9

In: 1360.239+/-0.724 χ^2/NDF : 476803.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.255+/-0.487 χ^2/NDF : 606560.2/9

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 330.686+/-444.681 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 400.017+/-386.628 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

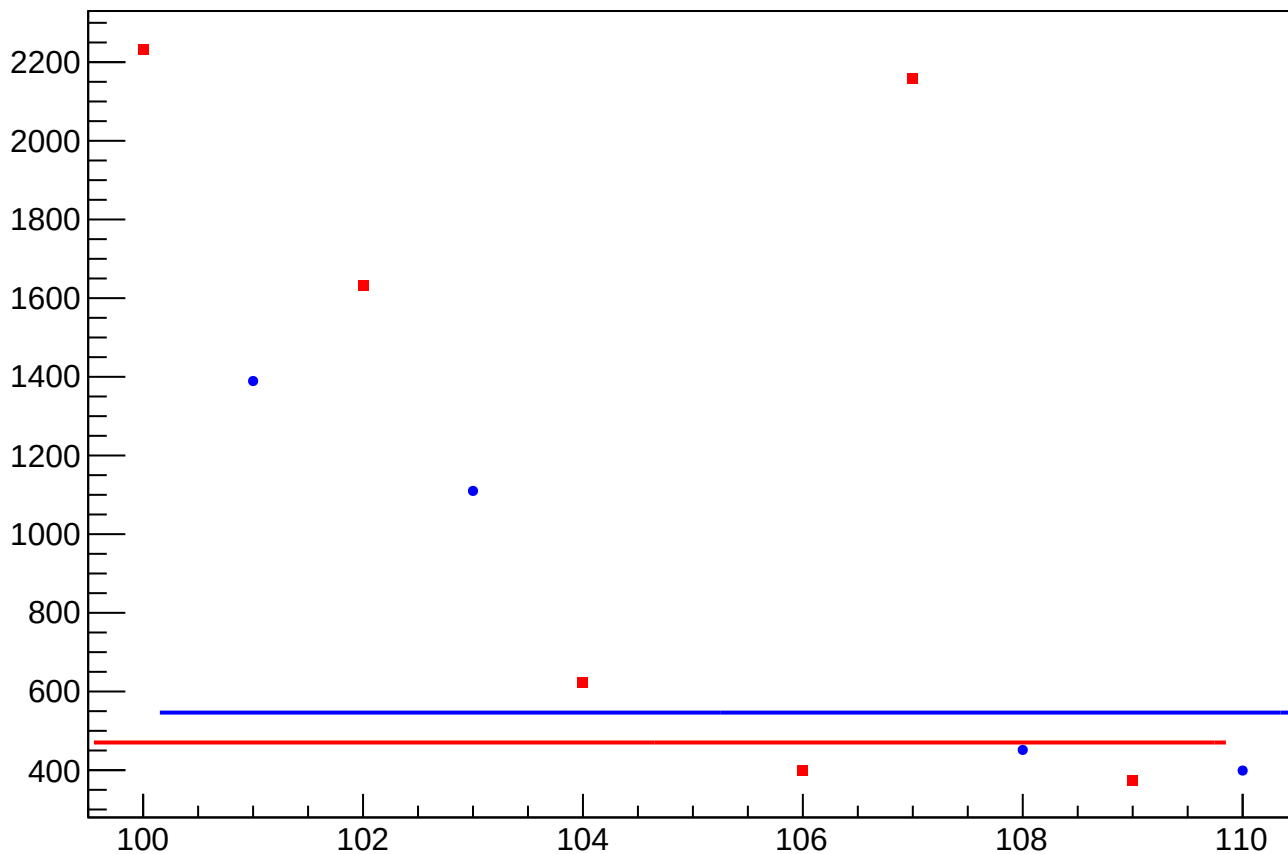
Right: 370.170+/-291.768 χ^2/NDF : 7.4/9

In: 330.686+/-444.681 χ^2/NDF :3.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 370.170+/-291.768 χ^2/NDF : 7.4/9

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 546.358+/-0.314 χ^2/NDF : 894948.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 470.315+/-0.273 χ^2/NDF : 1064203.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

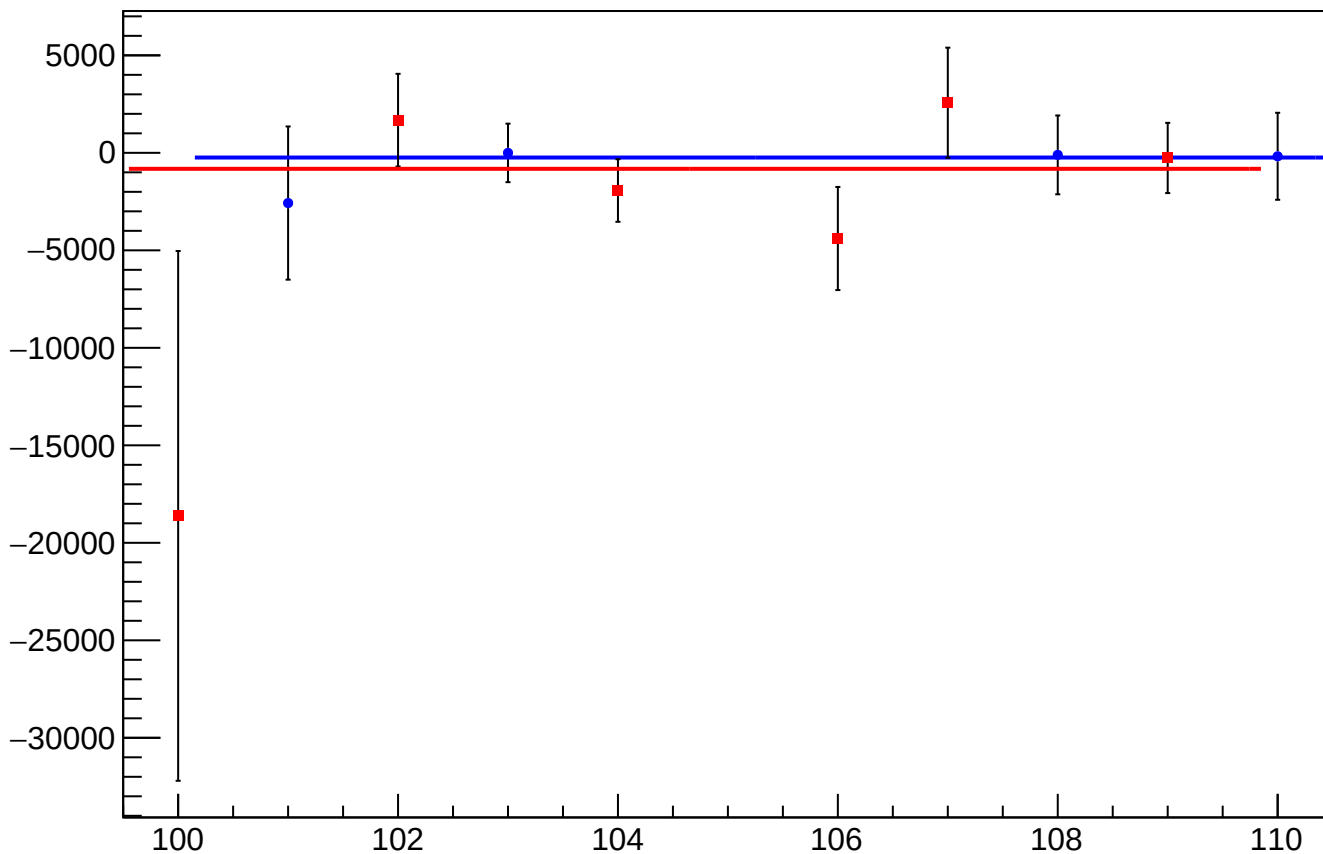
Right: 503.052+/-0.206 χ^2/NDF : 1992458.2/9

In: 546.358+/-0.314 χ^2/NDF : 894948.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.052+/-0.206 χ^2/NDF : 1992458.2/9

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -240.688+/-1023.356 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -819.943+/-933.395 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

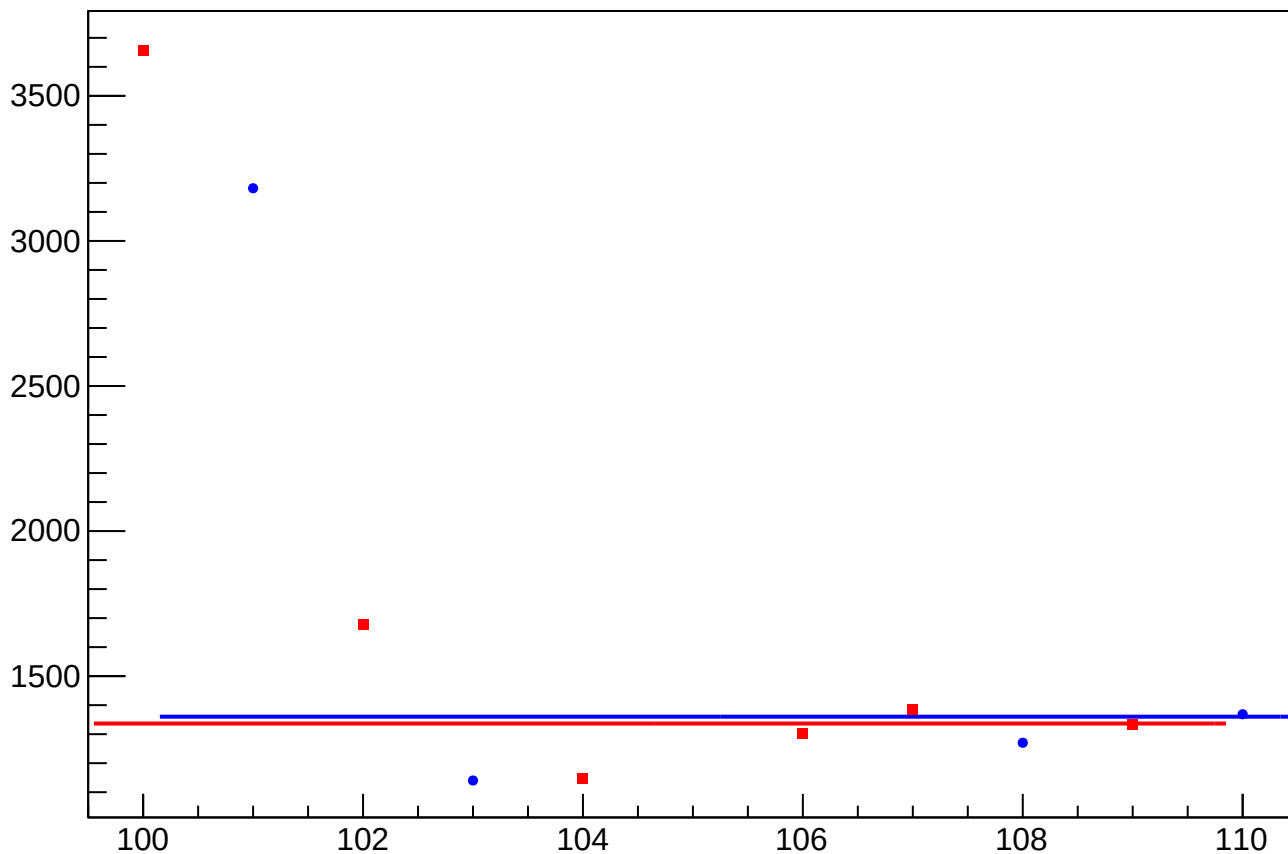
Right: -556.890+/-689.625 χ^2/NDF : 7.2/9

In: -240.688+/-1023.356 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -556.890+/-689.625 χ^2/NDF : 7.2/9

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1360.238+/-0.724 χ^2/NDF : 476805.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.686+/-0.660 χ^2/NDF : 127598.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

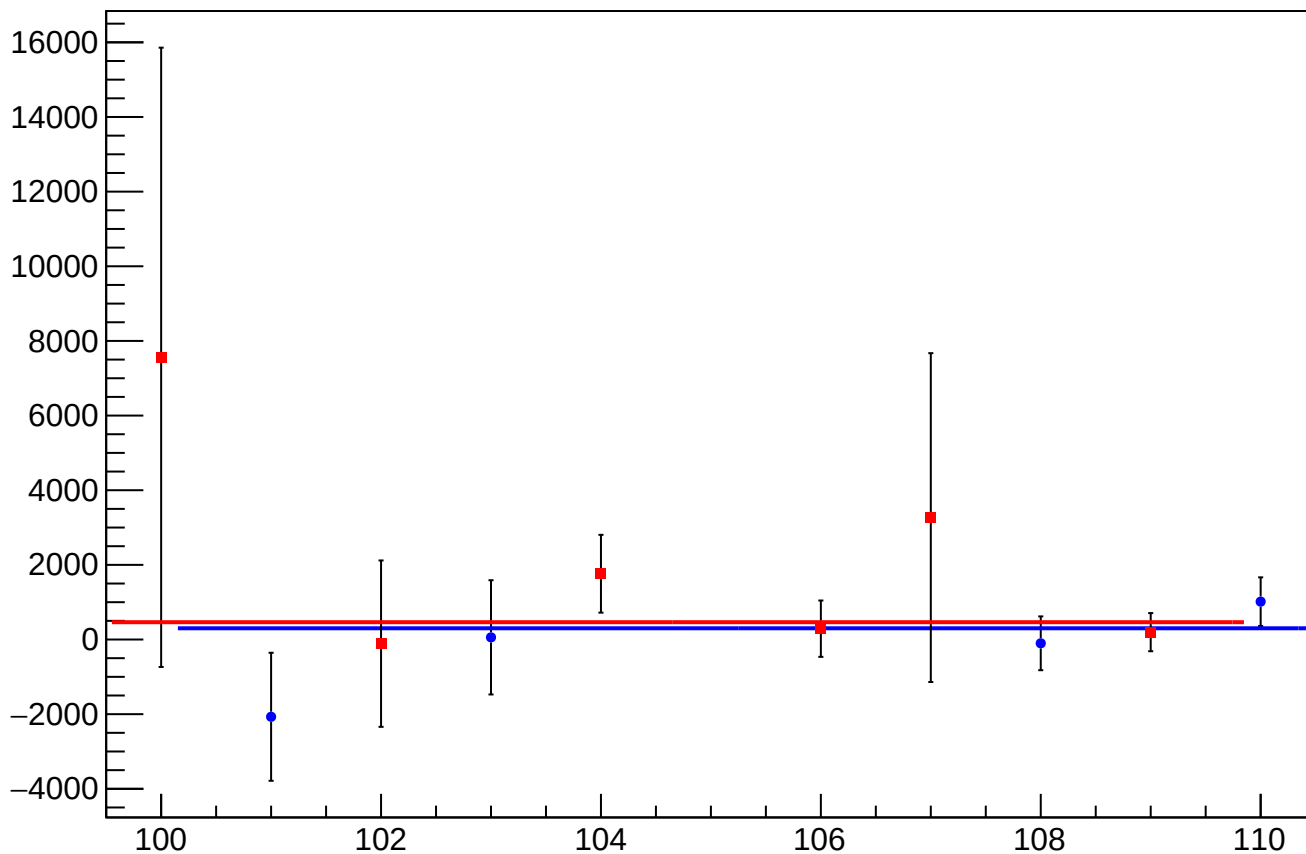
Right: 1347.381+/-0.488 χ^2/NDF : 604981.9/9

In: 1360.238+/-0.724 χ^2/NDF : 476805.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.381+/-0.488 χ^2/NDF : 604981.9/9

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.002+/-444.933 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.000+/-384.268 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

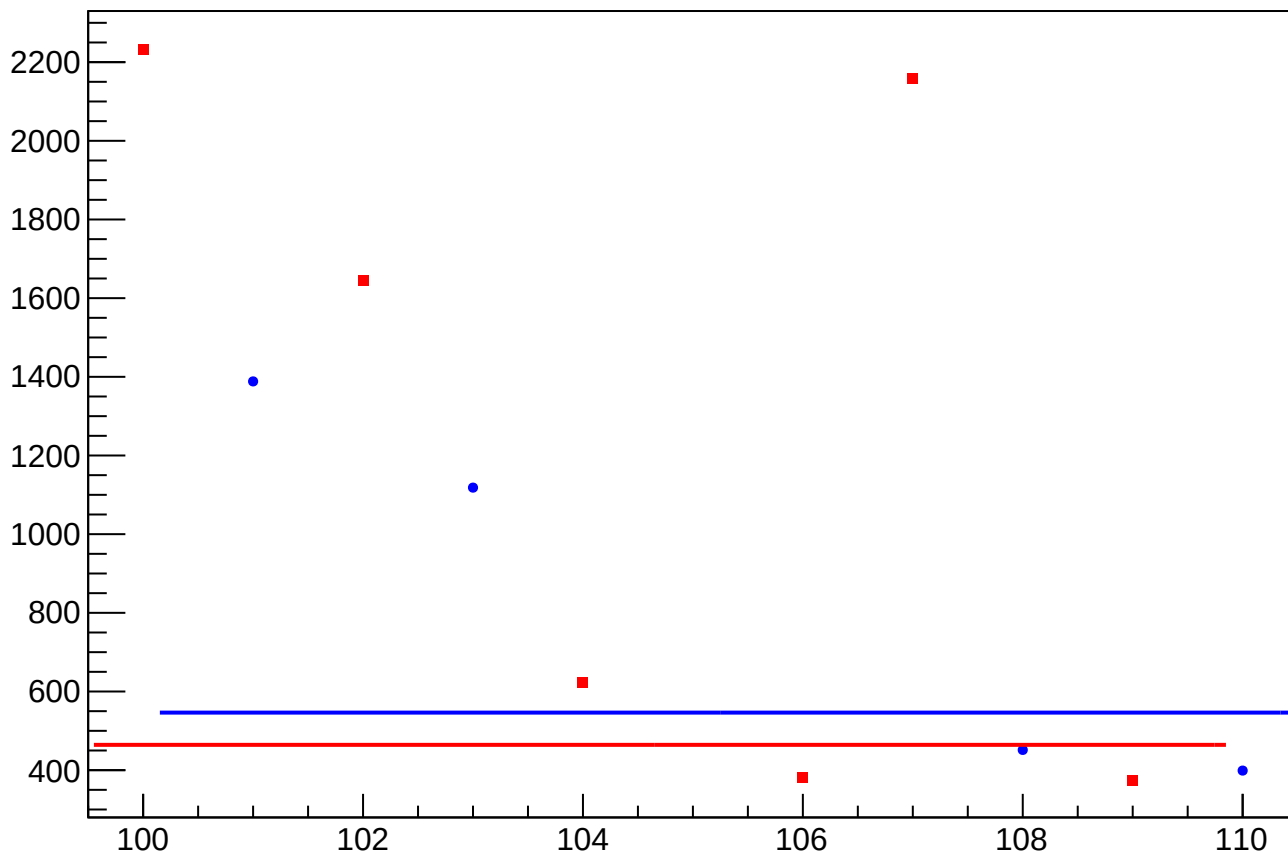
Right: 394.363+/-290.820 χ^2/NDF : 6.6/9

In: 301.002+/-444.933 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 394.363+/-290.820 χ^2/NDF : 6.6/9

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.361+/-0.315 χ^2/NDF : 898644.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.373+/-0.272 χ^2/NDF : 1082237.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

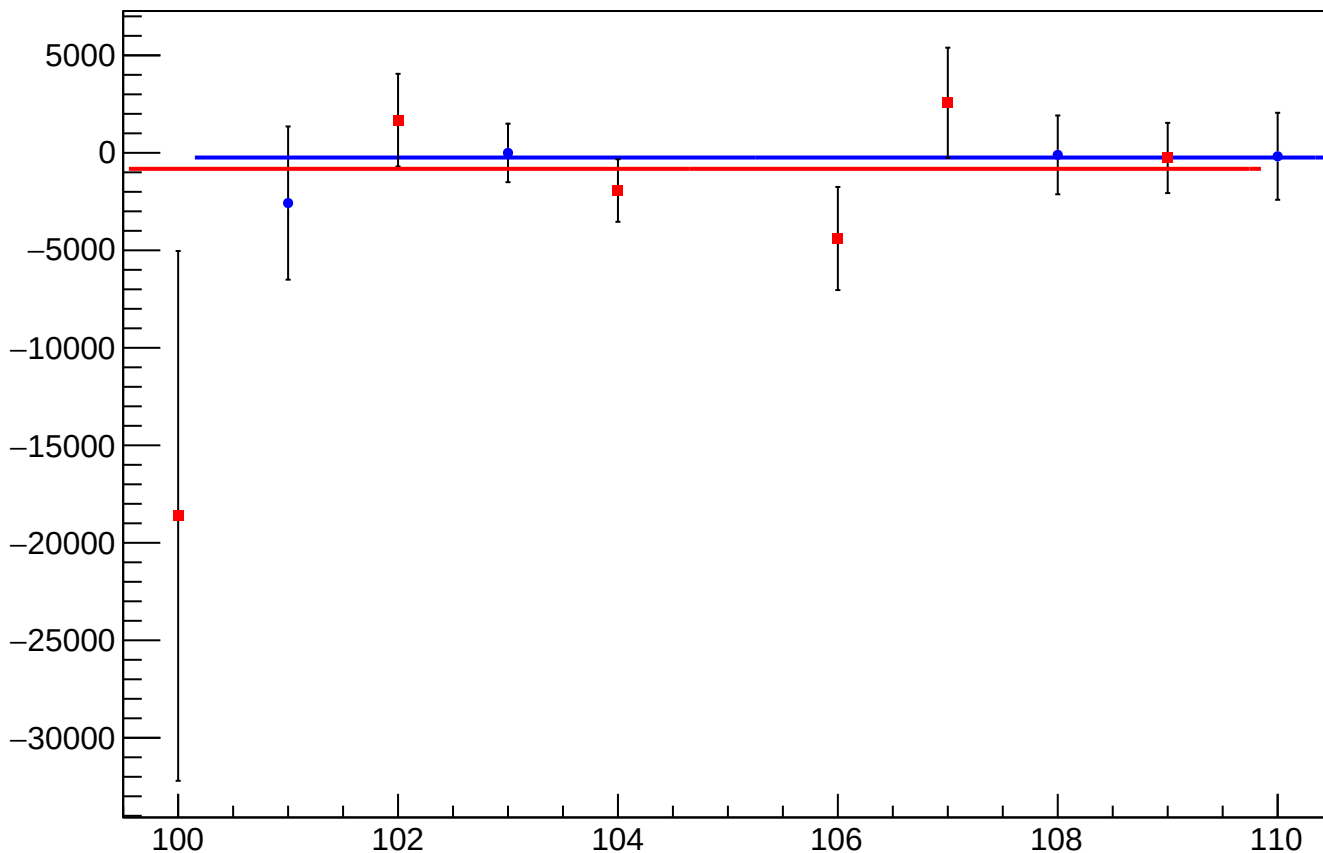
Right: 499.400+/-0.206 χ^2/NDF : 2019780.7/9

In: 546.361+/-0.315 χ^2/NDF : 898644.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.400+/-0.206 χ^2/NDF : 2019780.7/9

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -240.688+/-1023.356 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -819.943+/-933.395 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

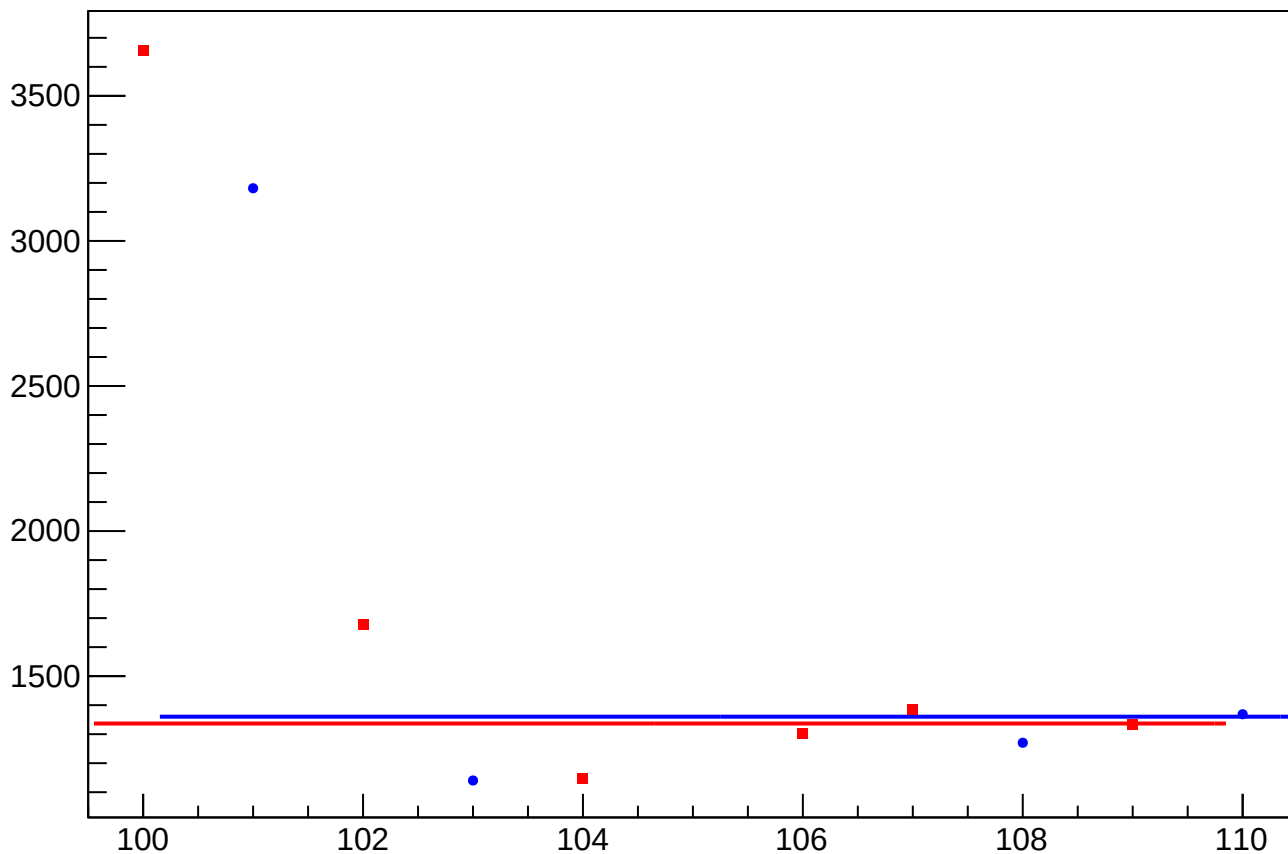
Right: -556.890+/-689.625 χ^2/NDF : 7.2/9

In: -240.688+/-1023.356 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -556.890+/-689.625 χ^2/NDF : 7.2/9

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1360.238+/-0.724 χ^2/NDF : 476805.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.686+/-0.660 χ^2/NDF : 127598.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

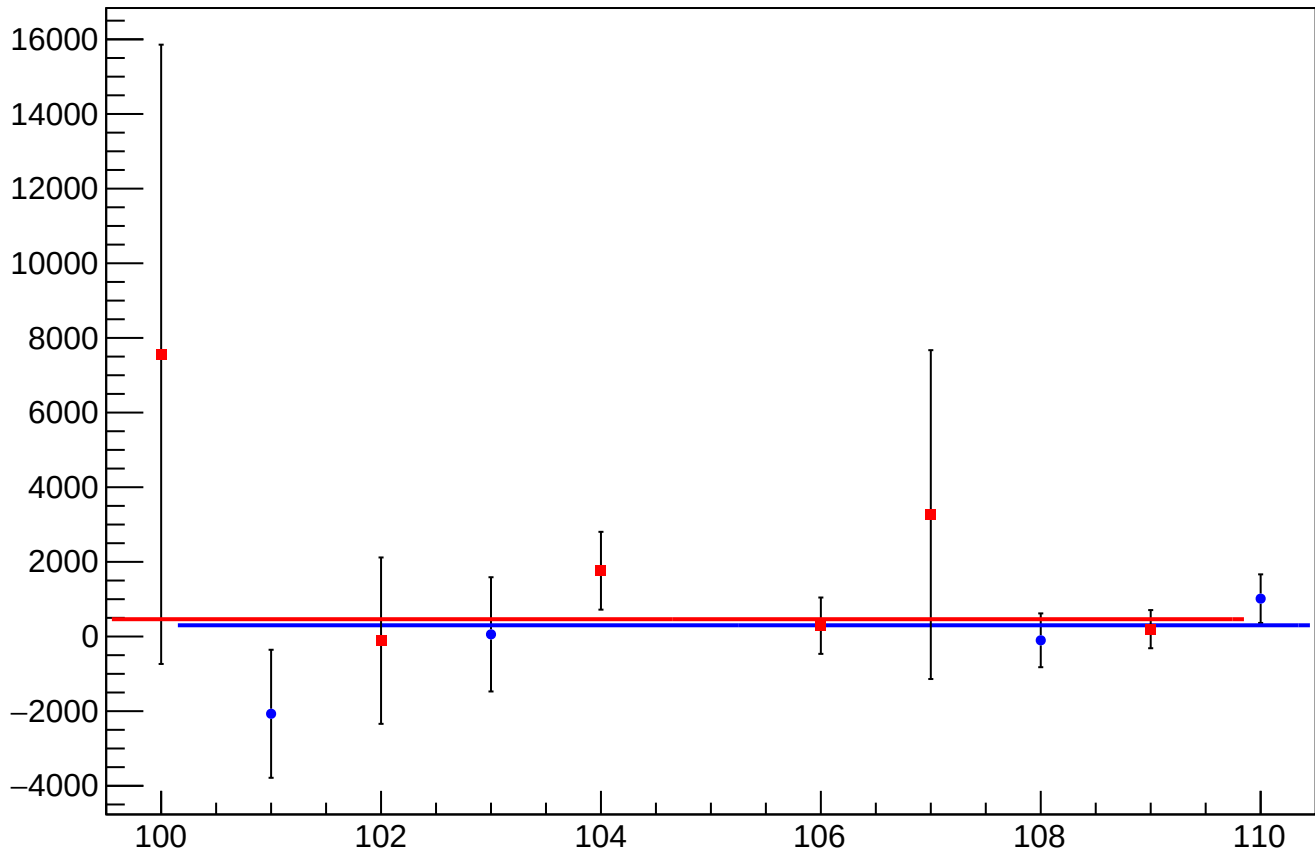
Right: 1347.381+/-0.488 χ^2/NDF : 604981.9/9

In: 1360.238+/-0.724 χ^2/NDF : 476805.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.381+/-0.488 χ^2/NDF : 604981.9/9

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.002 $\pm$ 444.933 χ^2 /NDF: 3.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 464.000 $\pm$ 384.268 χ^2 /NDF: 3.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

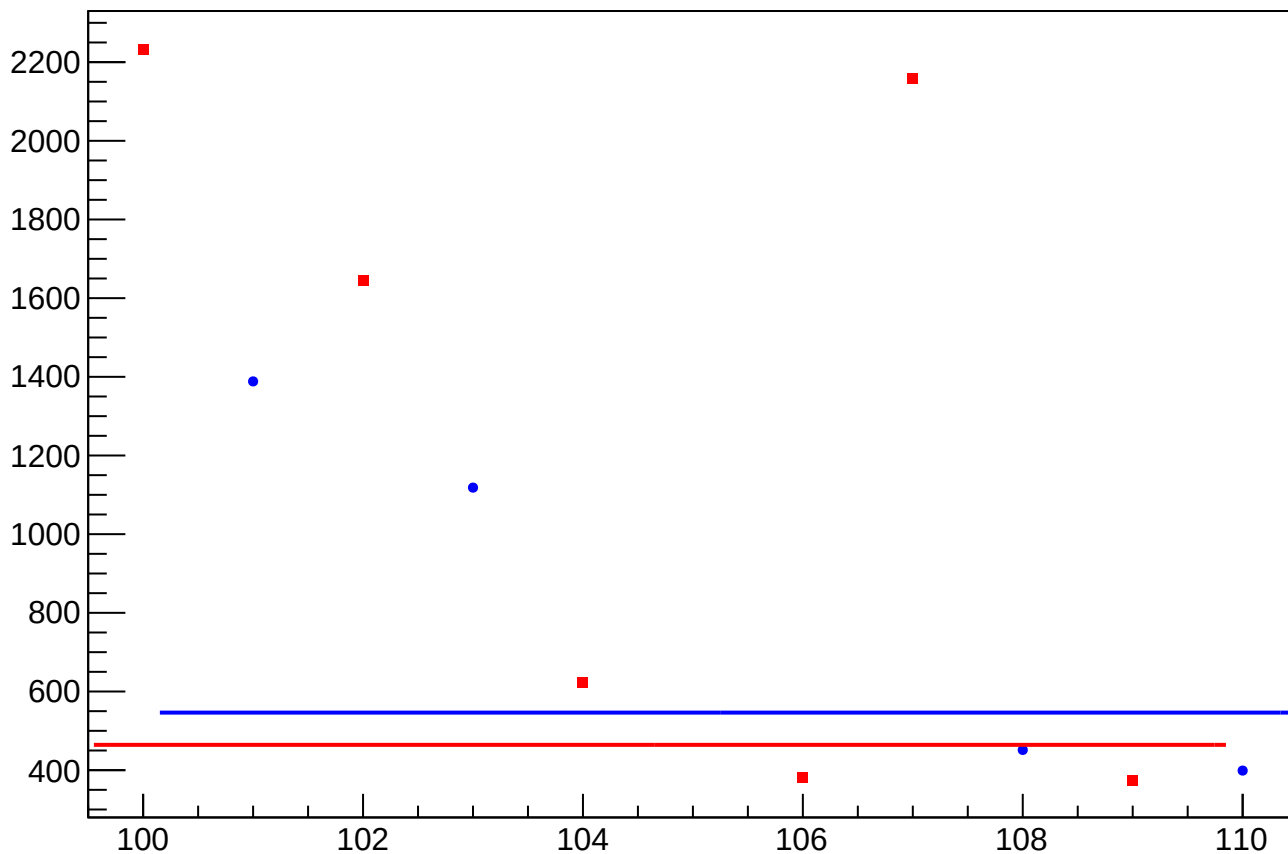
Right: 394.363 $\pm$ 290.820 χ^2 /NDF: 6.6/9

In: 301.002 $\pm$ 444.933 χ^2 /NDF:3.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 394.363 $\pm$ 290.820 χ^2 /NDF: 6.6/9

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.361+/-0.315 χ^2/NDF : 898644.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.373+/-0.272 χ^2/NDF : 1082237.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

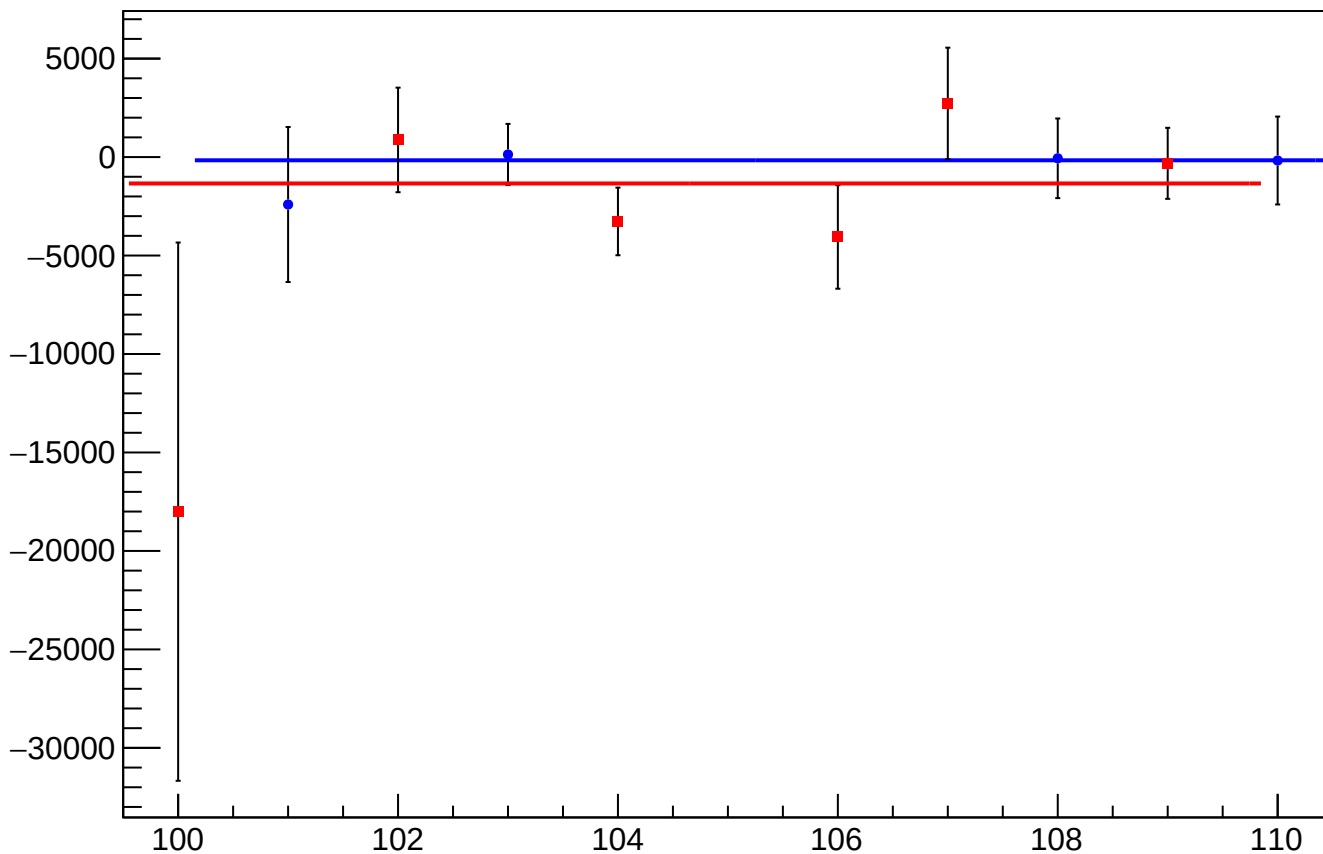
Right: 499.400+/-0.206 χ^2/NDF : 2019780.7/9

In: 546.361+/-0.315 χ^2/NDF : 898644.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.400+/-0.206 χ^2/NDF : 2019780.7/9

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -163.588+/-1040.009 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1339.837+/-969.733 χ^2/NDF : 6.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

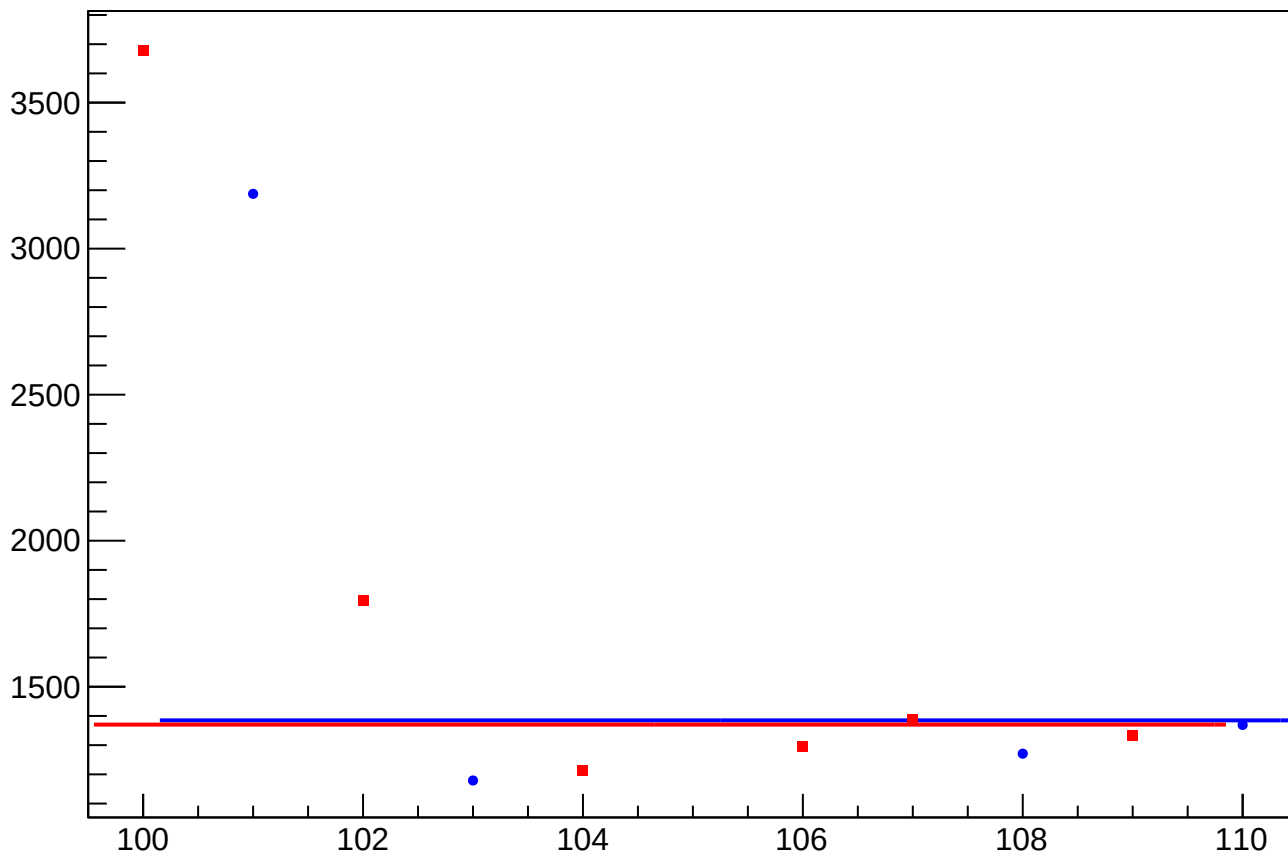
Right: -792.793+/-709.249 χ^2/NDF : 7.9/9

In: -163.588+/-1040.009 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -792.793+/-709.249 χ^2/NDF : 7.9/9

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1384.874+/-0.735 χ^2/NDF : 461115.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.321+/-0.686 χ^2/NDF : 127229.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

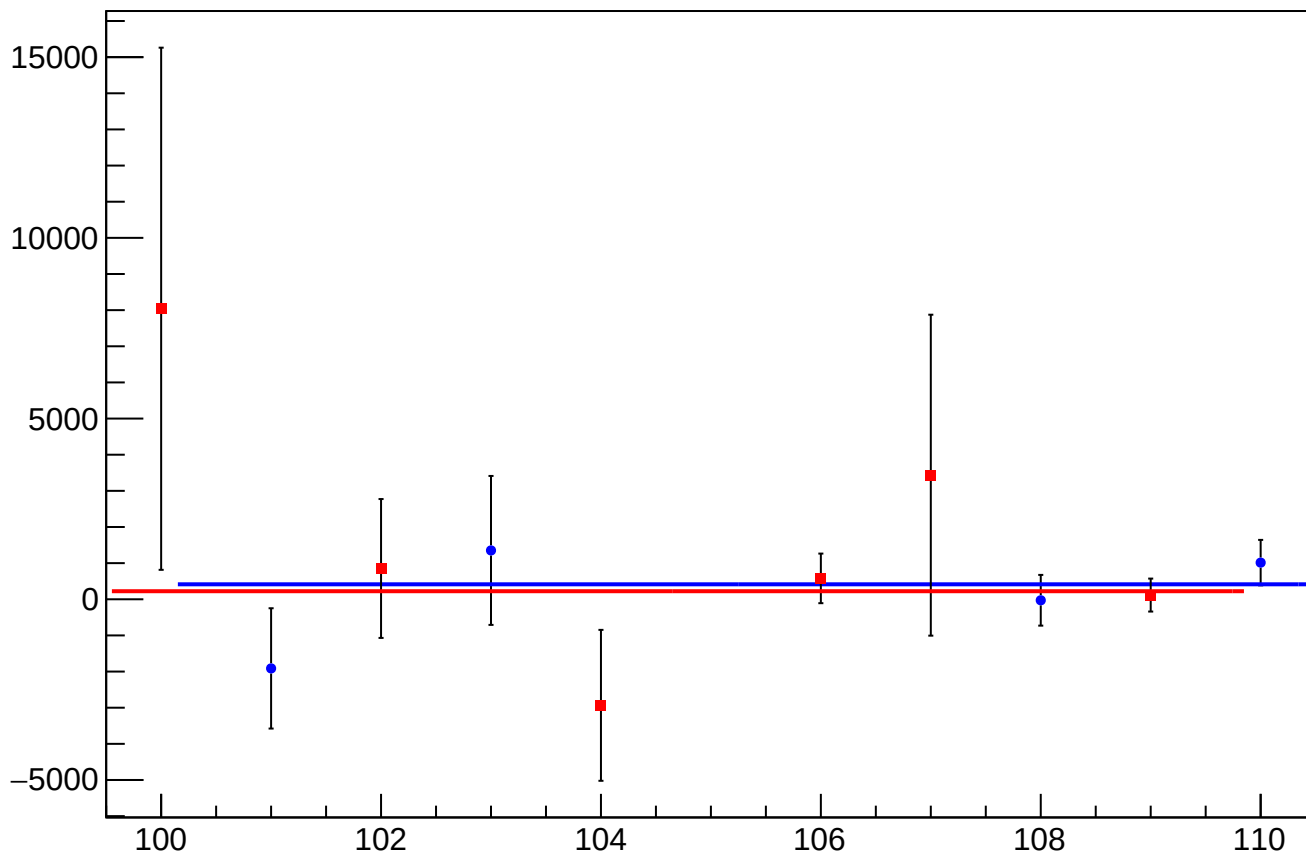
Right: 1377.089+/-0.502 χ^2/NDF : 588554.4/9

In: 1384.874+/-0.735 χ^2/NDF : 461115.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.089+/-0.502 χ^2/NDF : 588554.4/9

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 414.361+/-440.458 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.993+/-365.114 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

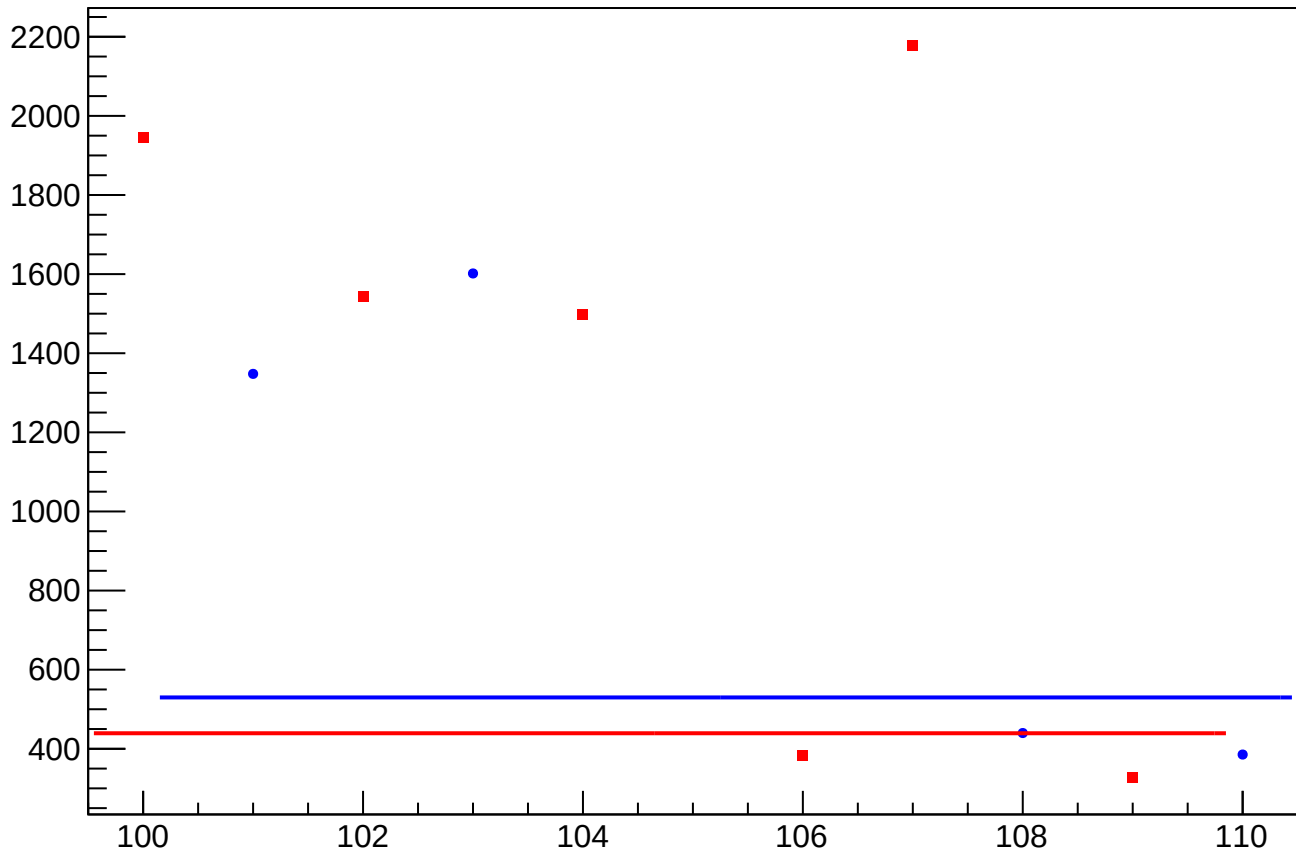
Right: 300.934+/-281.095 χ^2/NDF : 8.0/9

In: 414.361+/-440.458 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.934+/-281.095 χ^2/NDF : 8.0/9

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 529.849+/-0.311 χ^2/NDF : 1162379.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.312+/-0.258 χ^2/NDF : 1703046.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

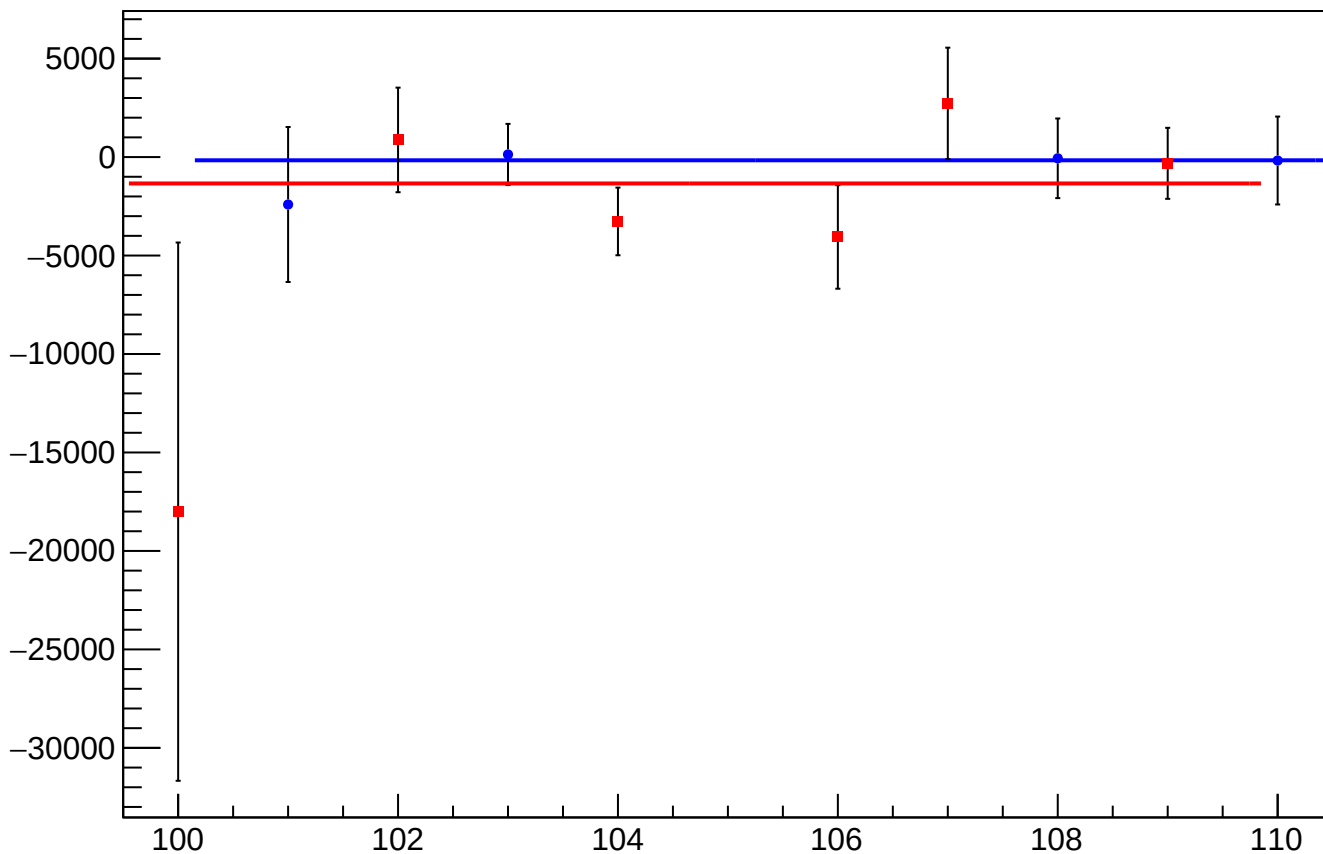
Right: 476.186+/-0.199 χ^2/NDF : 2915512.3/9

In: 529.849+/-0.311 χ^2/NDF : 1162379.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.186+/-0.199 χ^2/NDF : 2915512.3/9

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -163.585+/-1040.009 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1339.837+/-969.733 χ^2/NDF : 6.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

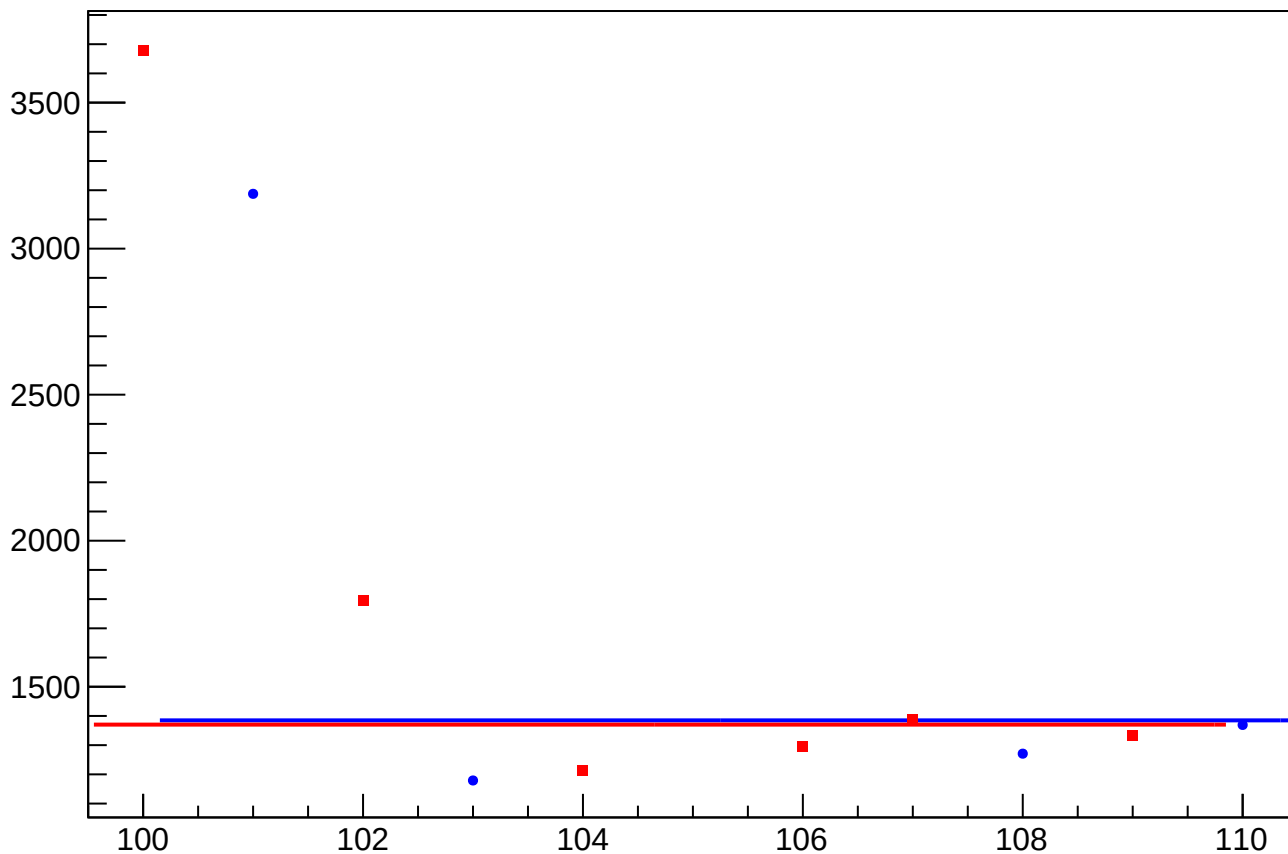
Right: -792.792+/-709.249 χ^2/NDF : 7.9/9

In: -163.585+/-1040.009 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -792.792+/-709.249 χ^2/NDF : 7.9/9

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1384.874+/-0.735 χ^2/NDF : 461115.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.321+/-0.686 χ^2/NDF : 127229.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

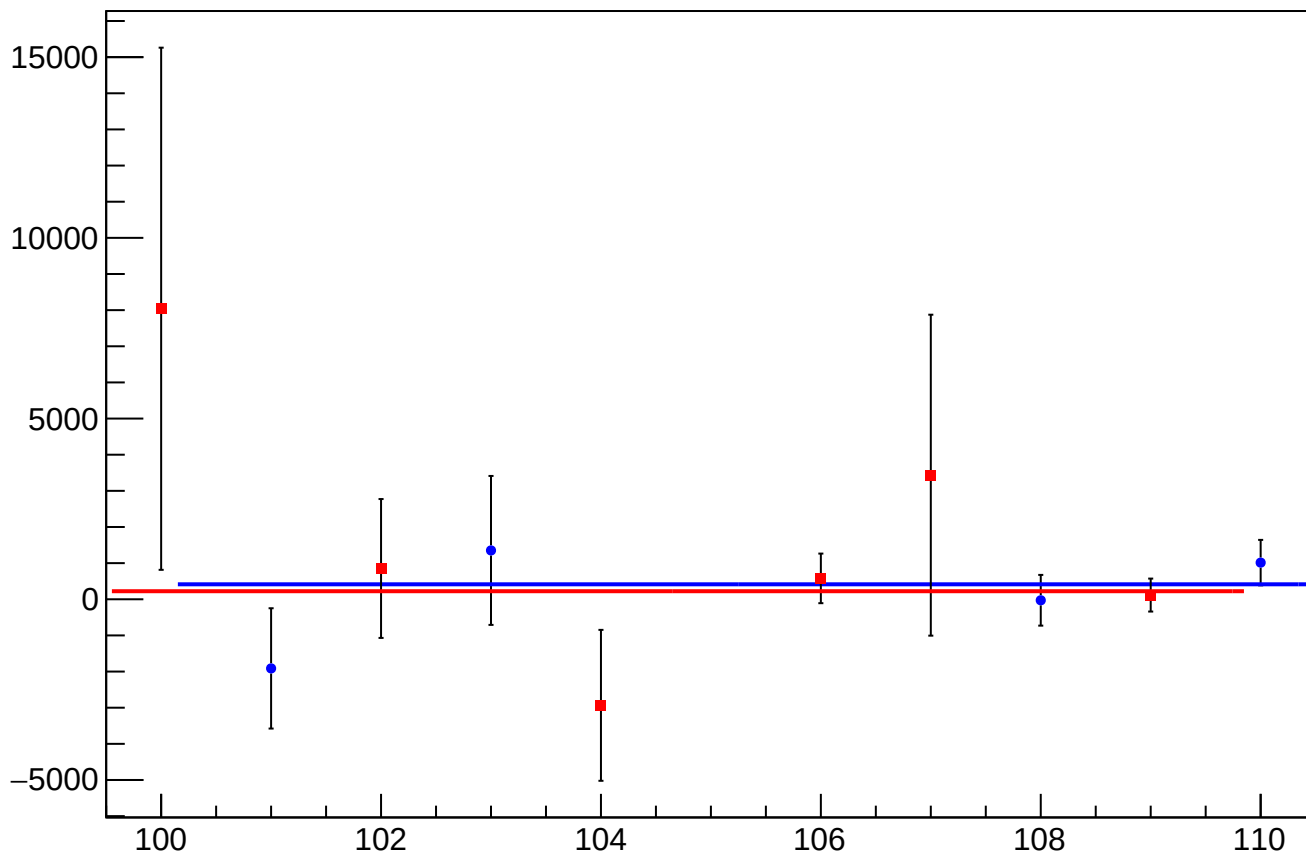
Right: 1377.089+/-0.502 χ^2/NDF : 588554.3/9

In: 1384.874+/-0.735 χ^2/NDF : 461115.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.089+/-0.502 χ^2/NDF : 588554.3/9

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 414.358+/-440.453 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.994+/-365.113 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

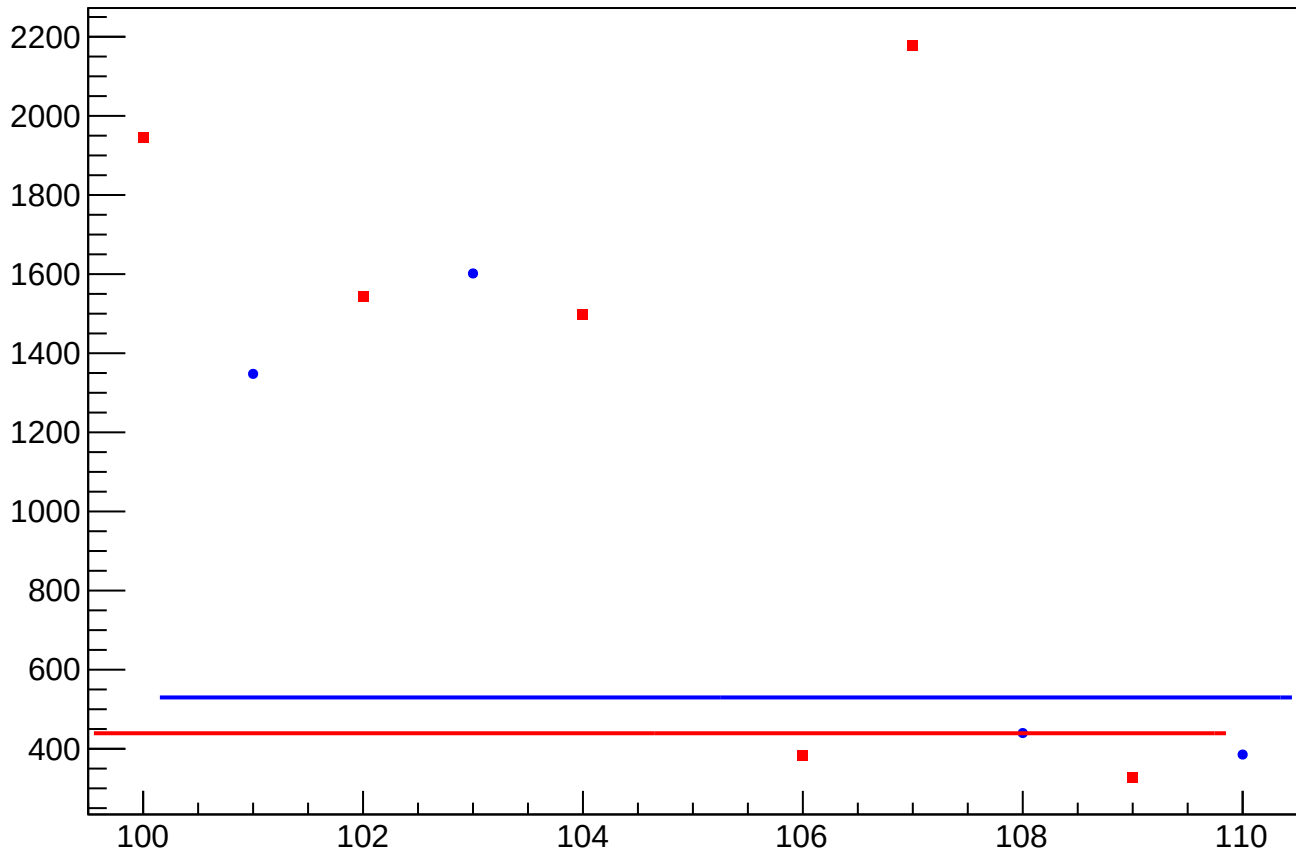
Right: 300.934+/-281.093 χ^2/NDF : 8.0/9

In: 414.358+/-440.453 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.934+/-281.093 χ^2/NDF : 8.0/9

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 529.843+/-0.311 χ^2/NDF : 1162388.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.310+/-0.258 χ^2/NDF : 1703051.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

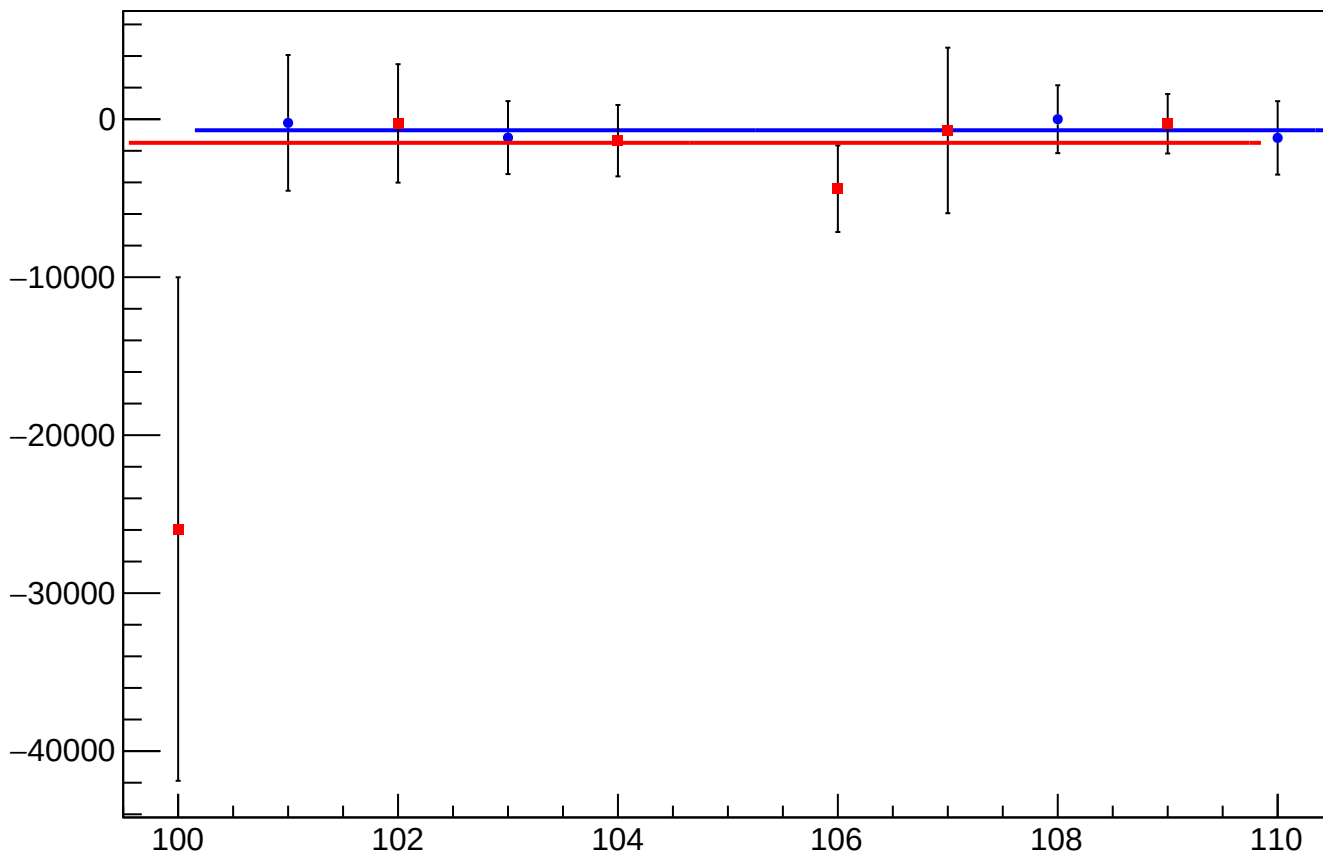
Right: 476.182+/-0.199 χ^2/NDF : 2915523.6/9

In: 529.843+/-0.311 χ^2/NDF : 1162388.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.182+/-0.199 χ^2/NDF : 2915523.6/9

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -699.161+/-1246.662 χ^2/NDF : 0.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1493.695+/-1176.155 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

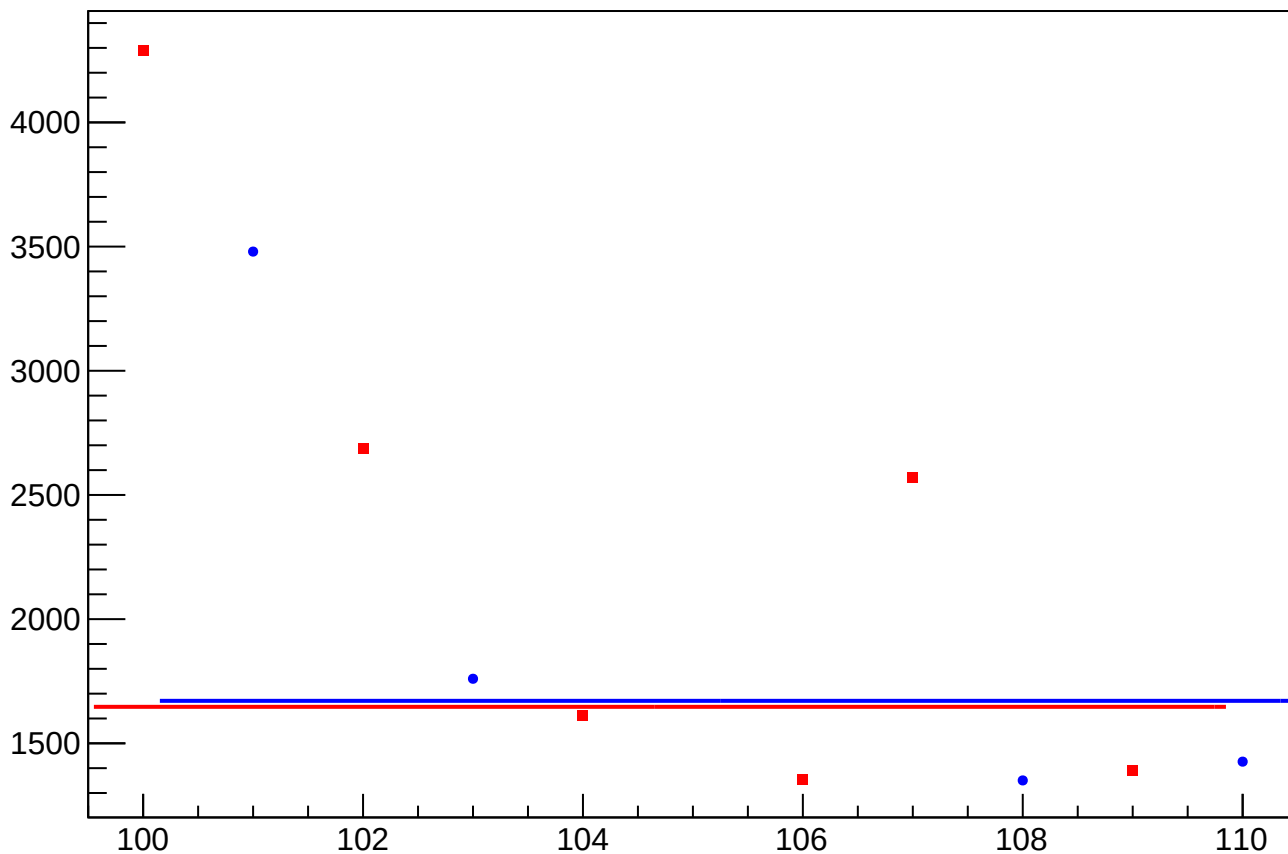
Right: -1119.531+/-855.508 χ^2/NDF : 4.4/9

In: -699.161+/-1246.662 χ^2/NDF : 0.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1119.531+/-855.508 χ^2/NDF : 4.4/9

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1671.072+/-0.882 χ^2/NDF : 424258.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.959+/-0.832 χ^2/NDF : 331096.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

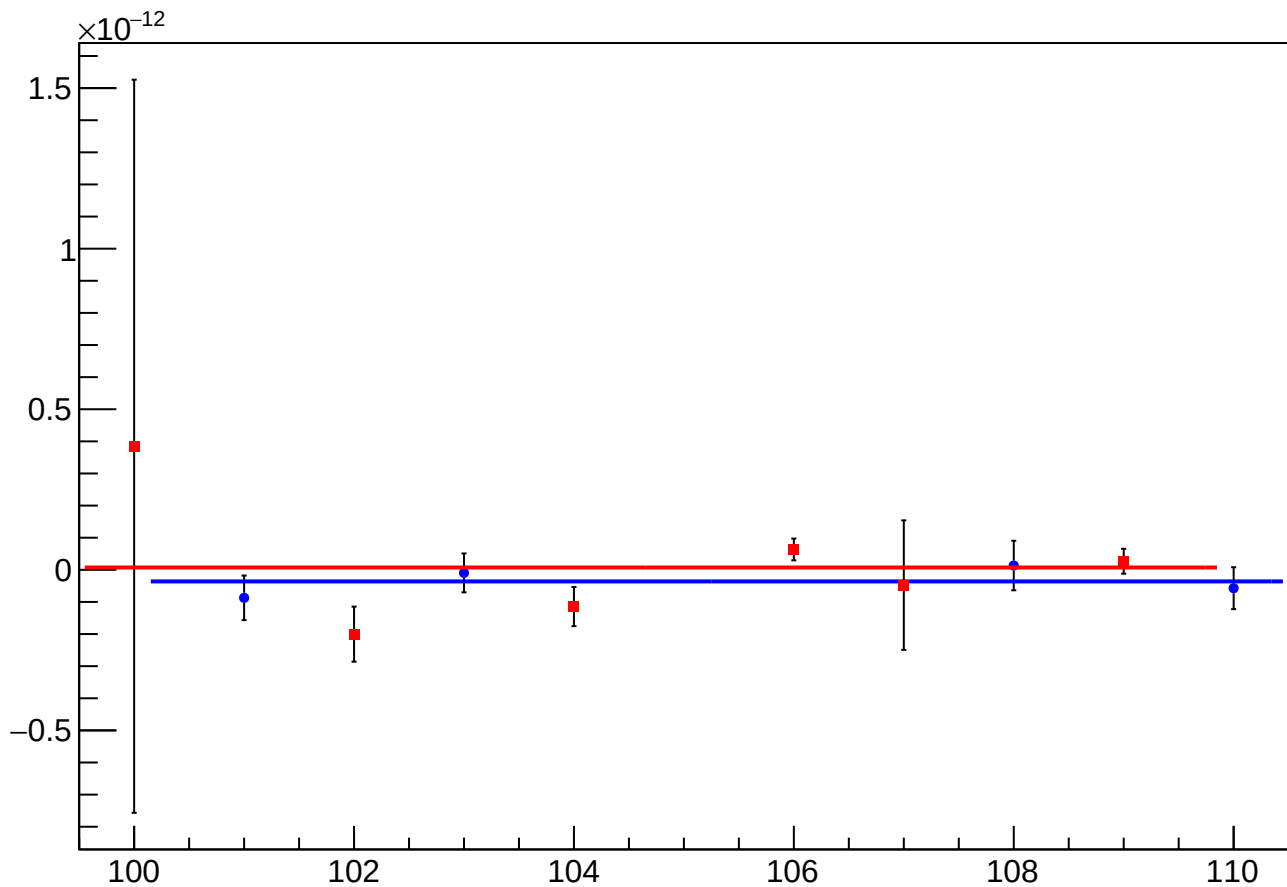
Right: 1658.314+/-0.605 χ^2/NDF : 755751.2/9

In: 1671.072+/-0.882 χ^2/NDF : 424258.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1658.314+/-0.605 χ^2/NDF : 755751.2/9

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

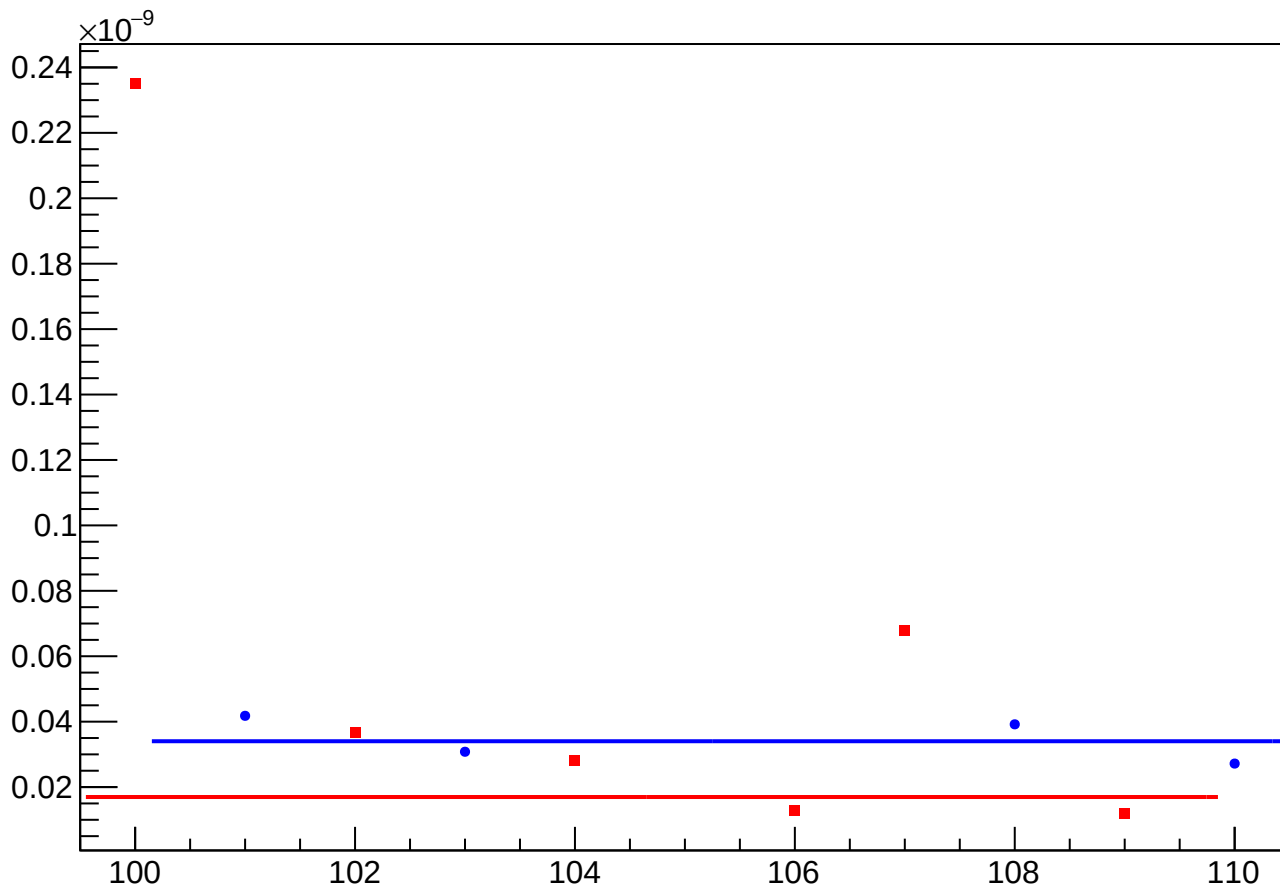
Right: -0.000+/-0.000 χ^2/NDF : 15.4/9

In: -0.000+/-0.000 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.4/9

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 61575.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 439255.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

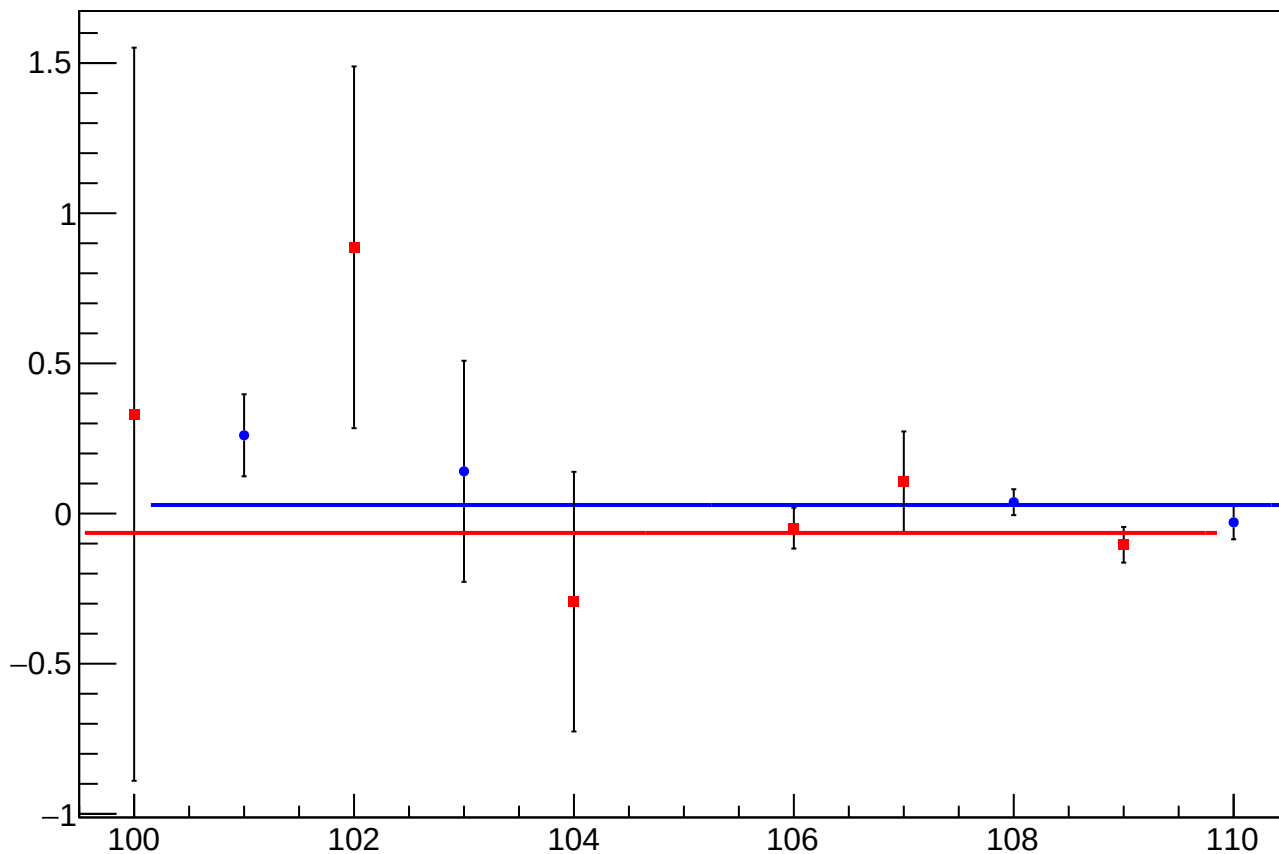
Right: 0.000+/-0.000 χ^2/NDF : 855335.7/9

In: 0.000+/-0.000 χ^2/NDF : 61575.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 855335.7/9

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.033 χ^2/NDF : 4.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.064+/-0.043 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

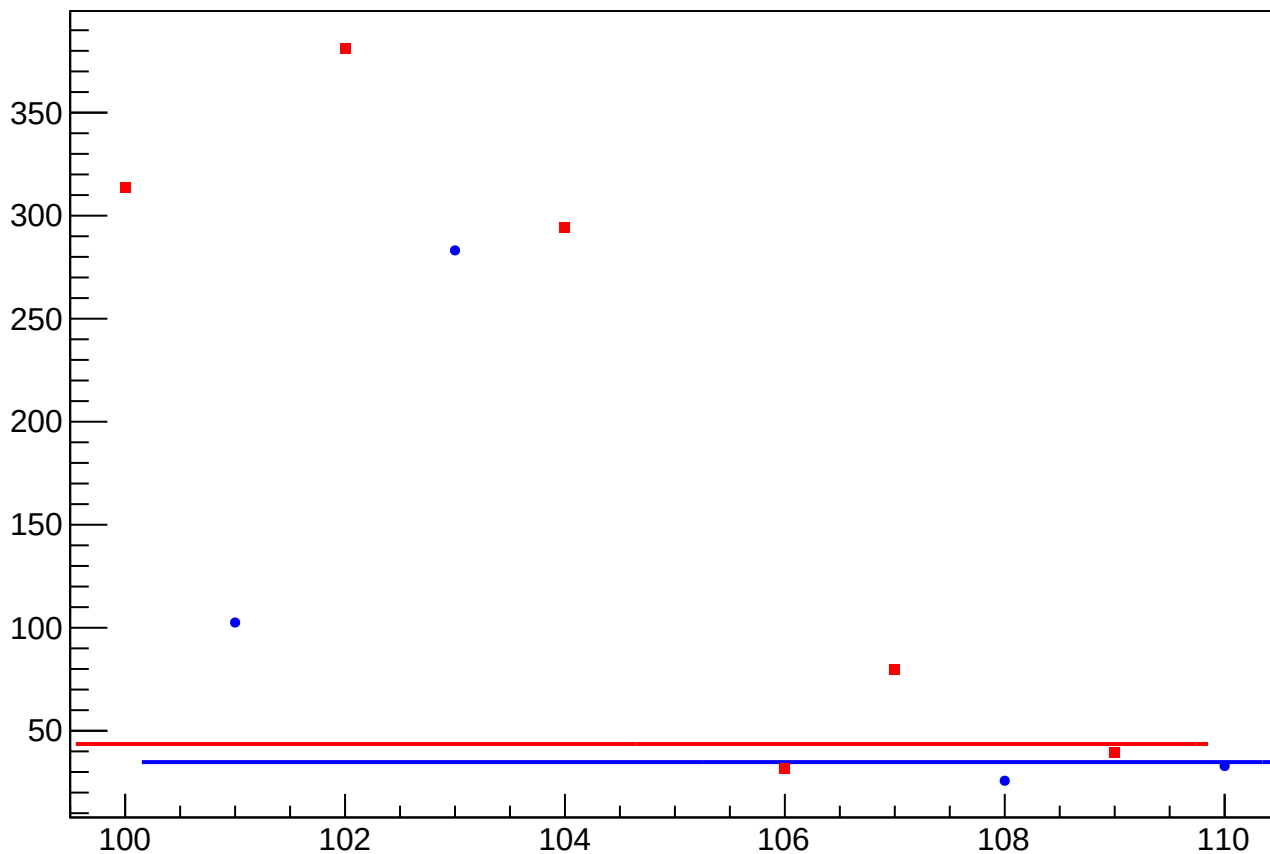
Right: -0.006+/-0.026 χ^2/NDF : 11.4/9

In: 0.029+/-0.033 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.026 χ^2/NDF : 11.4/9

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.794+/-0.023 χ^2/NDF : 1492507.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.589+/-0.030 χ^2/NDF : 1561720.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

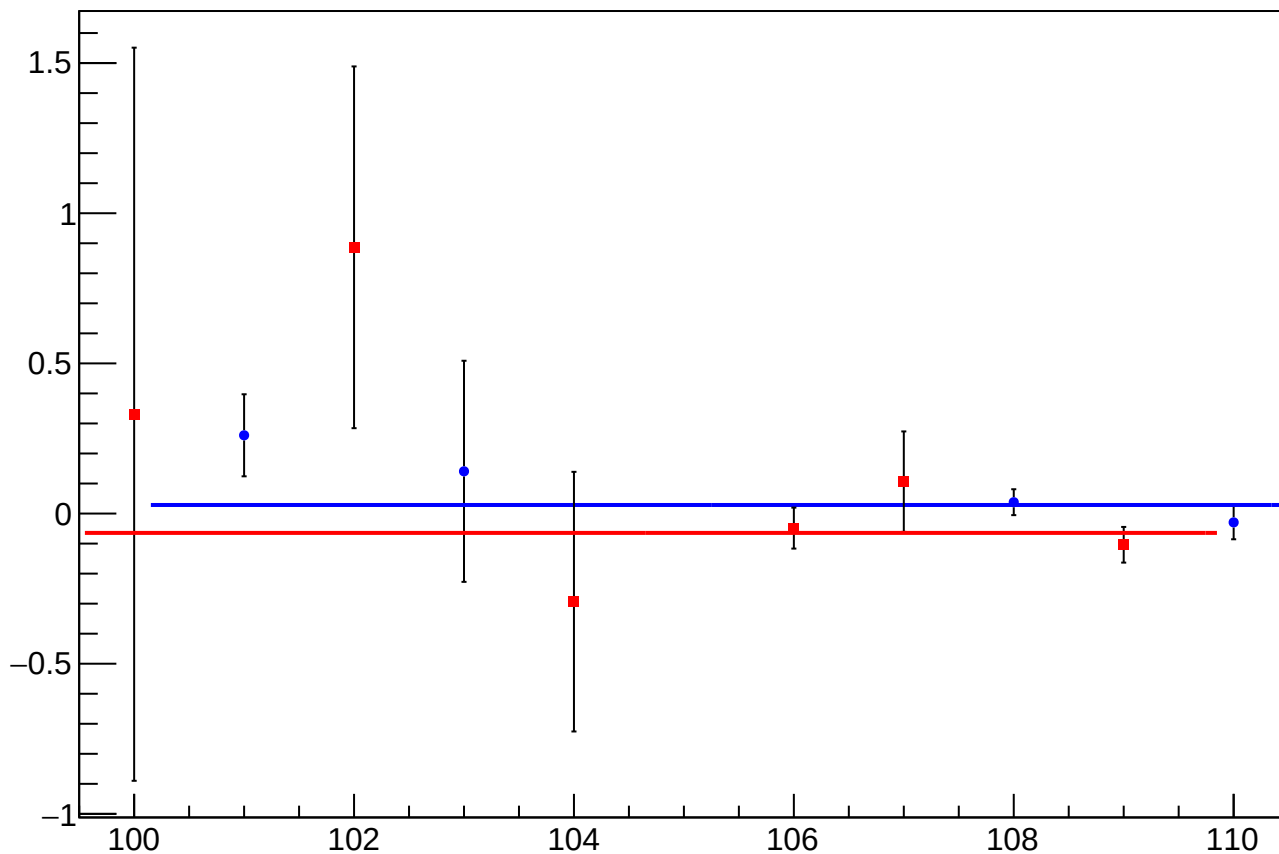
Right: 38.070+/-0.019 χ^2/NDF : 3106934.9/9

In: 34.794+/-0.023 χ^2/NDF : 1492507.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.070+/-0.019 χ^2/NDF : 3106934.9/9

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.033 χ^2/NDF : 4.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.064+/-0.043 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

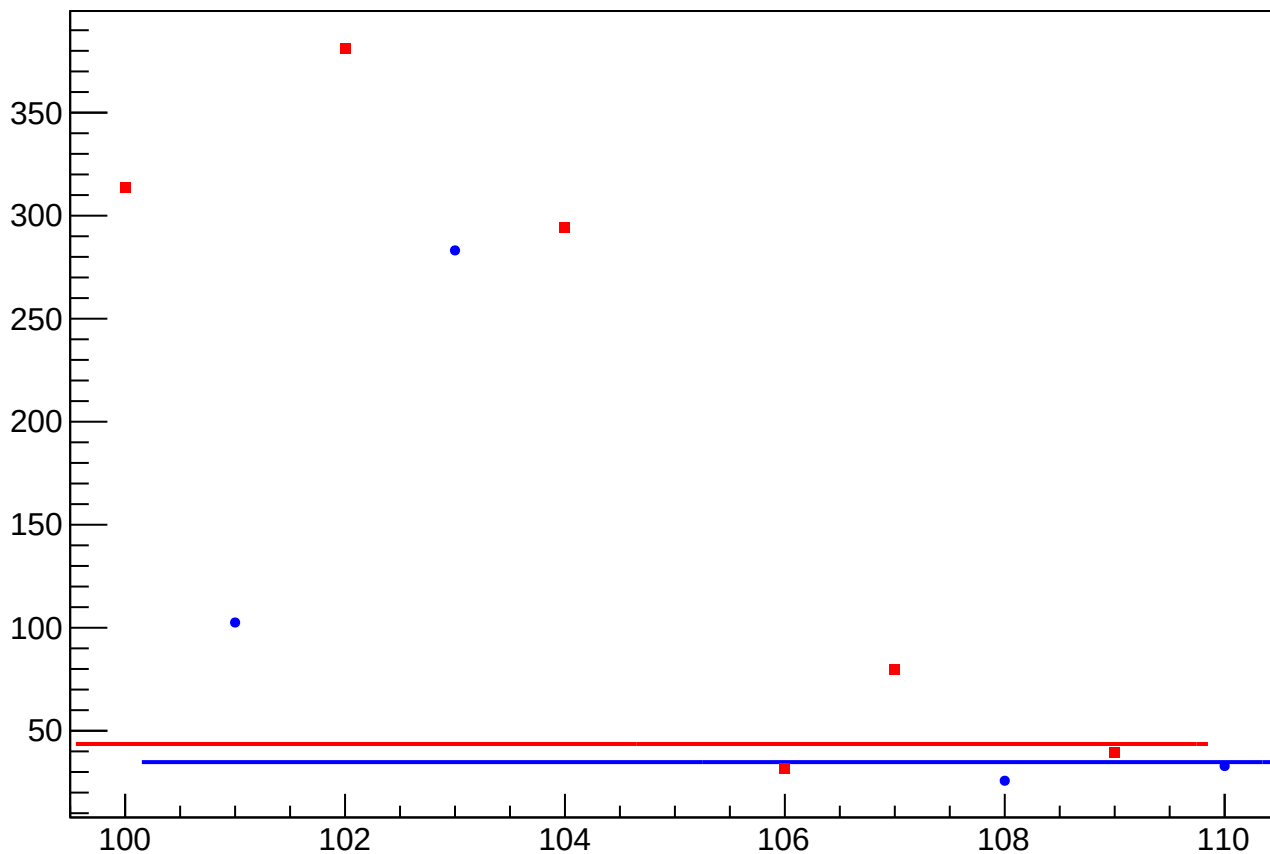
Right: -0.006+/-0.026 χ^2/NDF : 11.4/9

In: 0.029+/-0.033 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.026 χ^2/NDF : 11.4/9

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.794+/-0.023 χ^2/NDF : 1492507.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.589+/-0.030 χ^2/NDF : 1561720.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

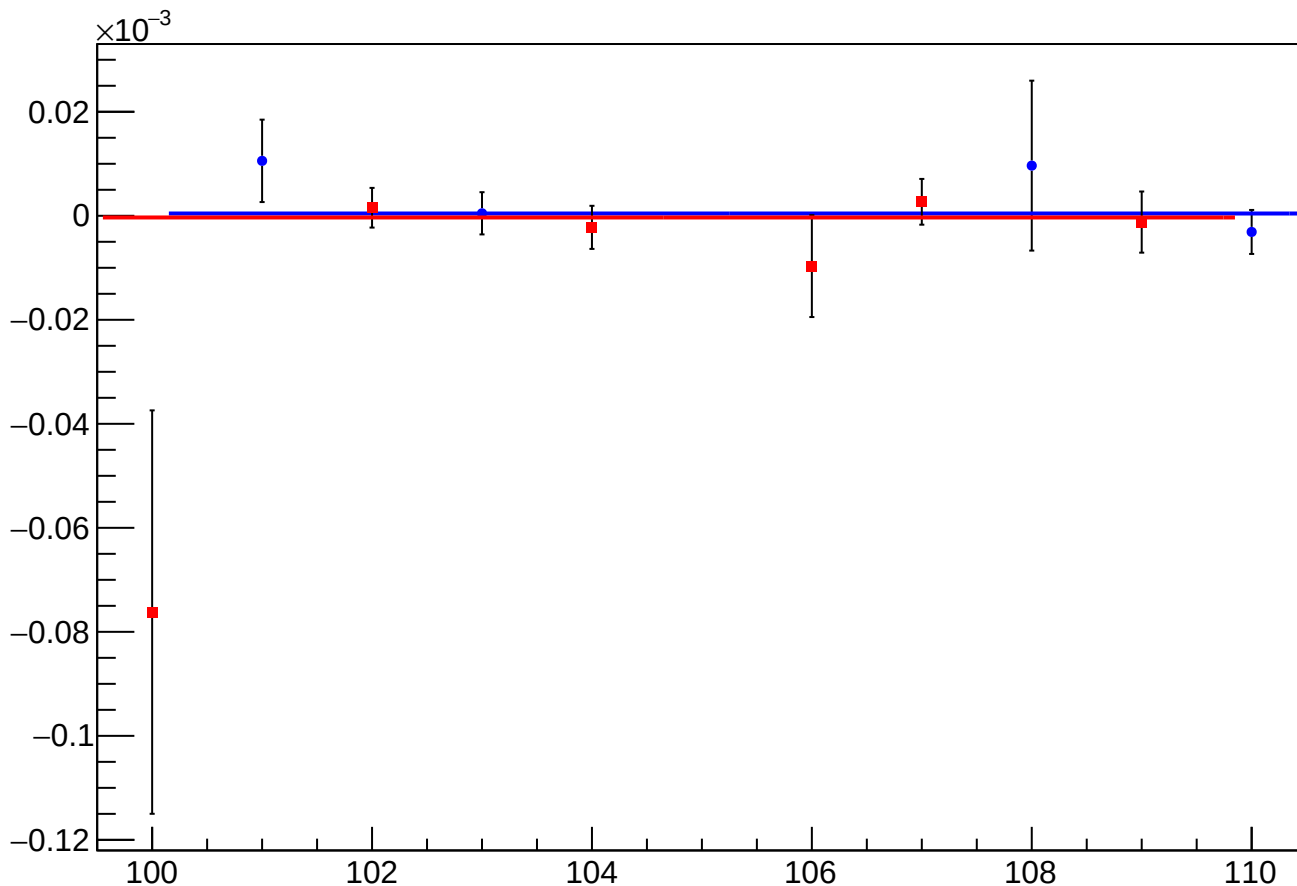
Right: 38.070+/-0.019 χ^2/NDF : 3106934.9/9

In: 34.794+/-0.023 χ^2/NDF : 1492507.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.070+/-0.019 χ^2/NDF : 3106934.9/9

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

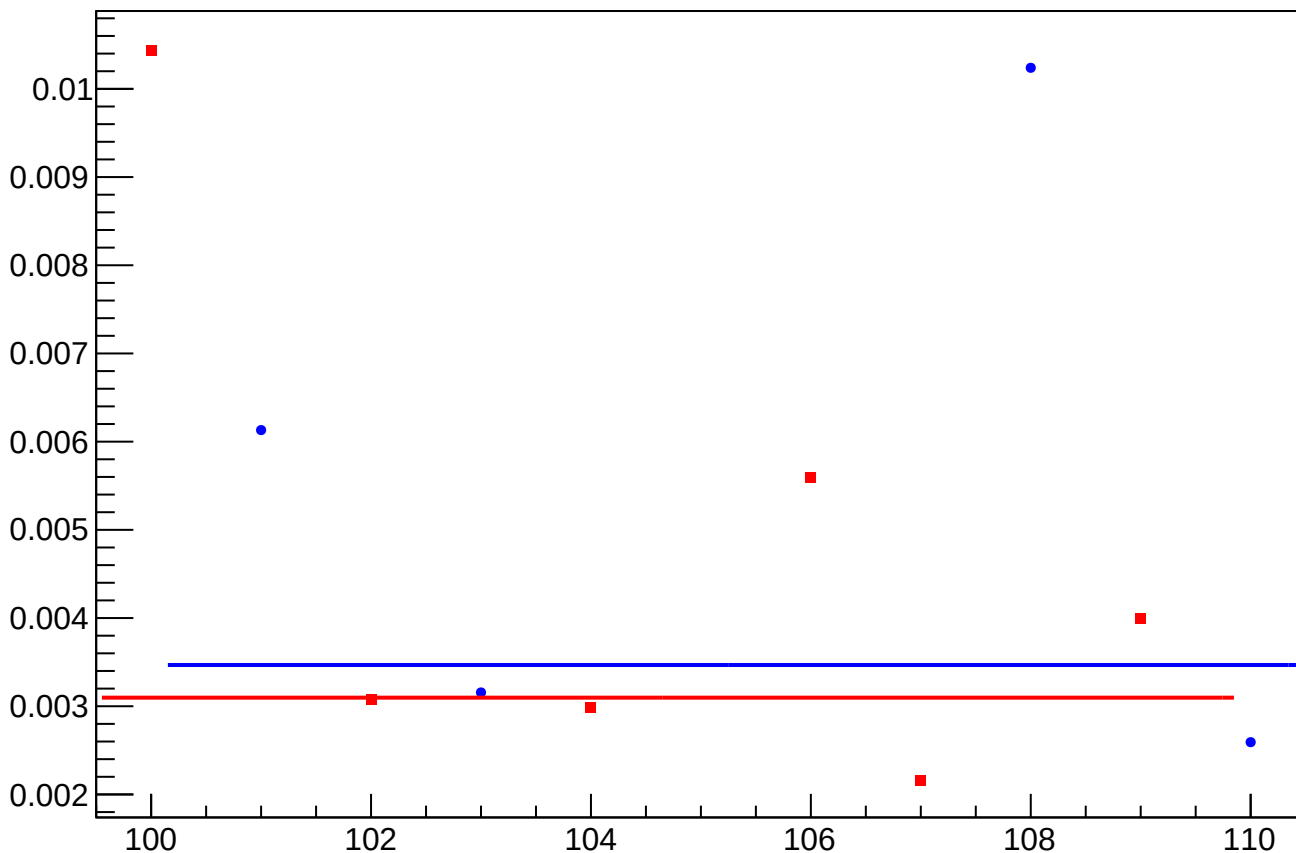
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.4/9

In: 0.000 $\pm$ 0.000 χ^2 /NDF:2.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.4/9

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 666910.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 340863.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

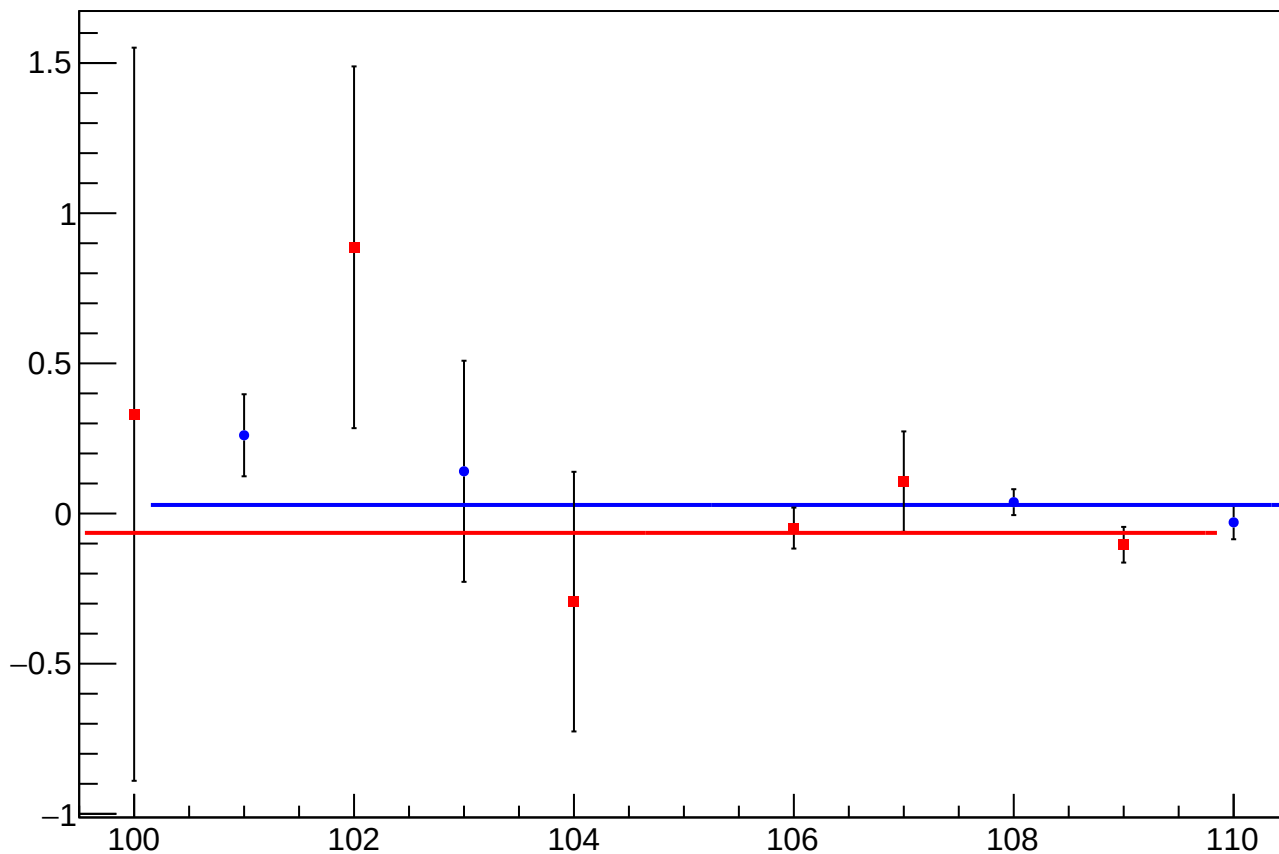
Right: 0.003+/-0.000 χ^2/NDF : 1030794.9/9

In: 0.003+/-0.000 χ^2/NDF : 666910.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1030794.9/9

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.033 χ^2 /NDF: 4.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.043 χ^2 /NDF: 4.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

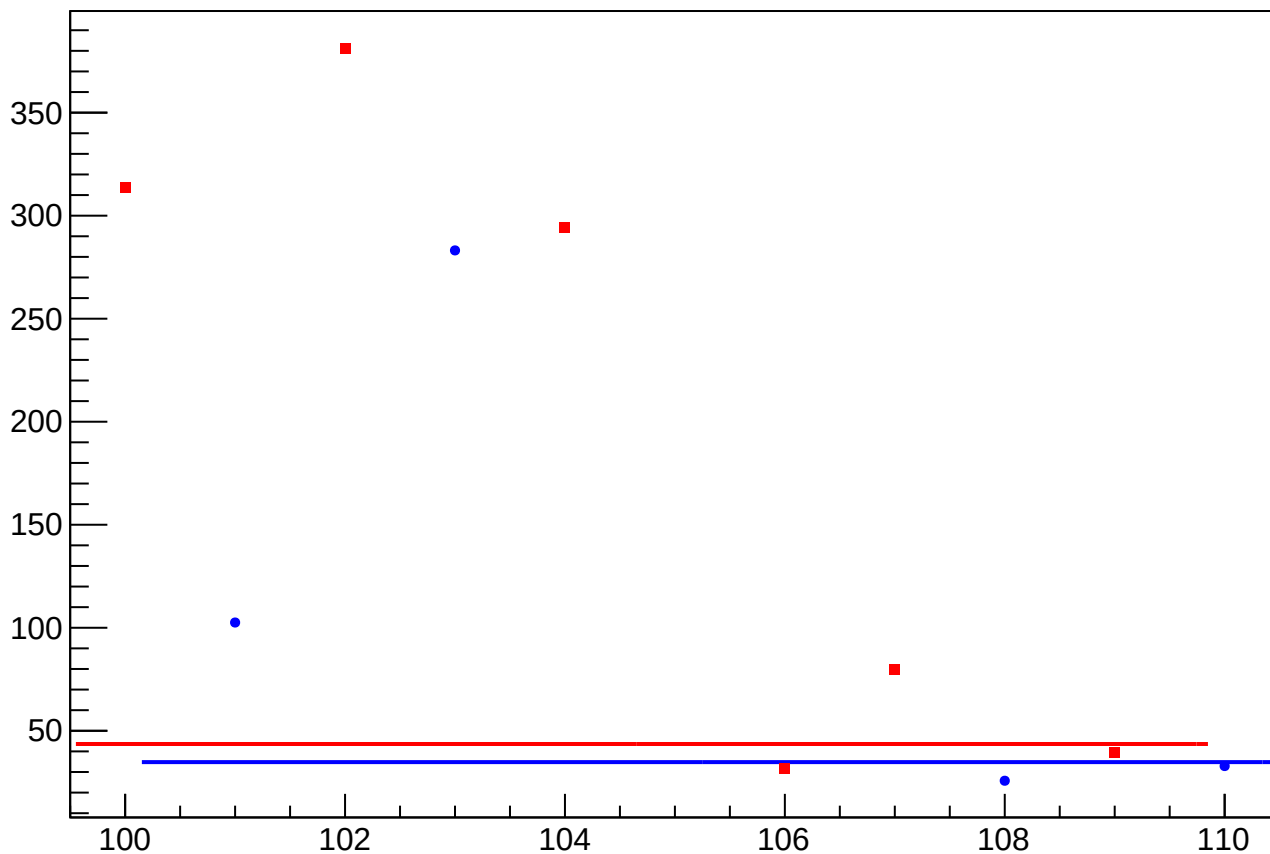
Right: -0.006 $\pm$ 0.026 χ^2 /NDF: 11.4/9

In: 0.029 $\pm$ 0.033 χ^2 /NDF:4.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.026 χ^2 /NDF: 11.4/9

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.797+/-0.023 χ^2/NDF : 1492436.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.590+/-0.030 χ^2/NDF : 1561704.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

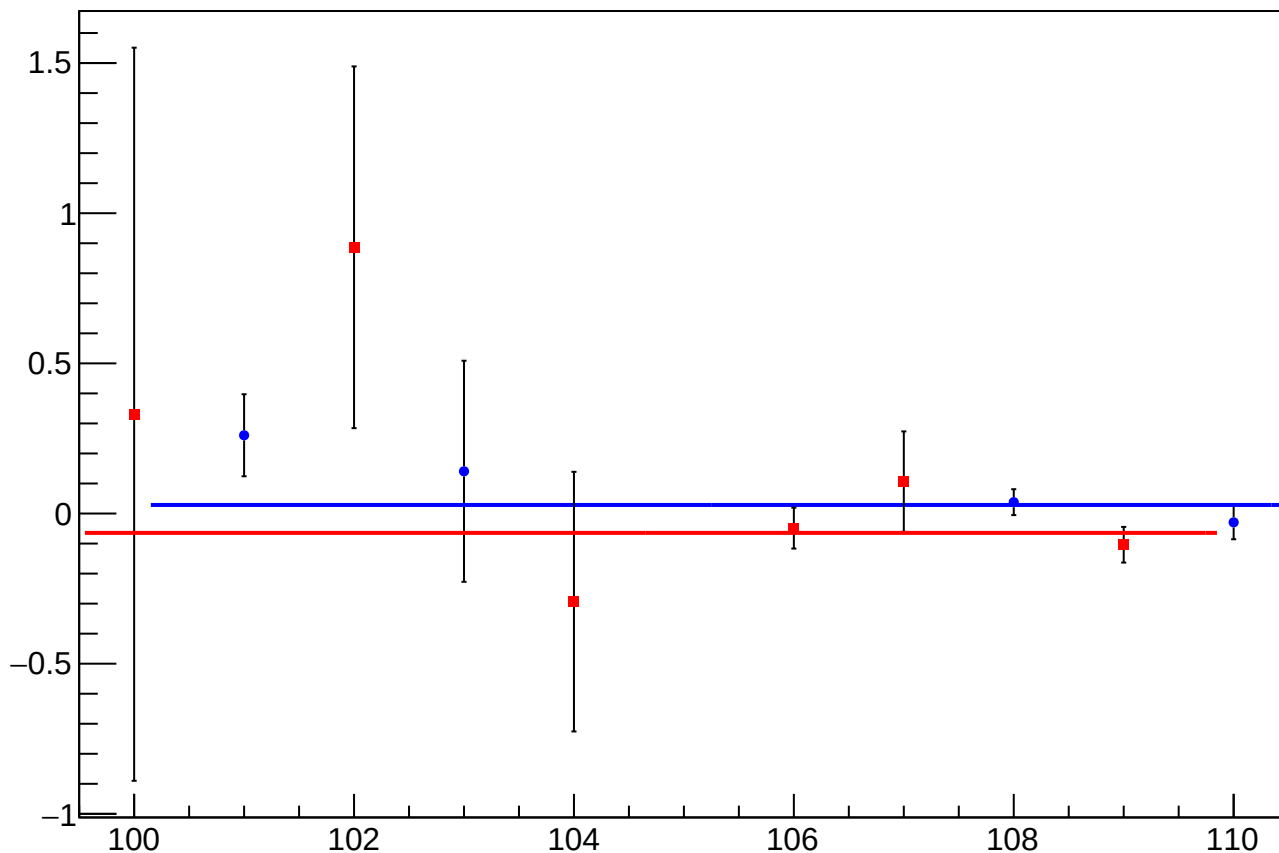
Right: 38.073+/-0.019 χ^2/NDF : 3106820.7/9

In: 34.797+/-0.023 χ^2/NDF : 1492436.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.073+/-0.019 χ^2/NDF : 3106820.7/9

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.033 χ^2 /NDF: 4.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.043 χ^2 /NDF: 4.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

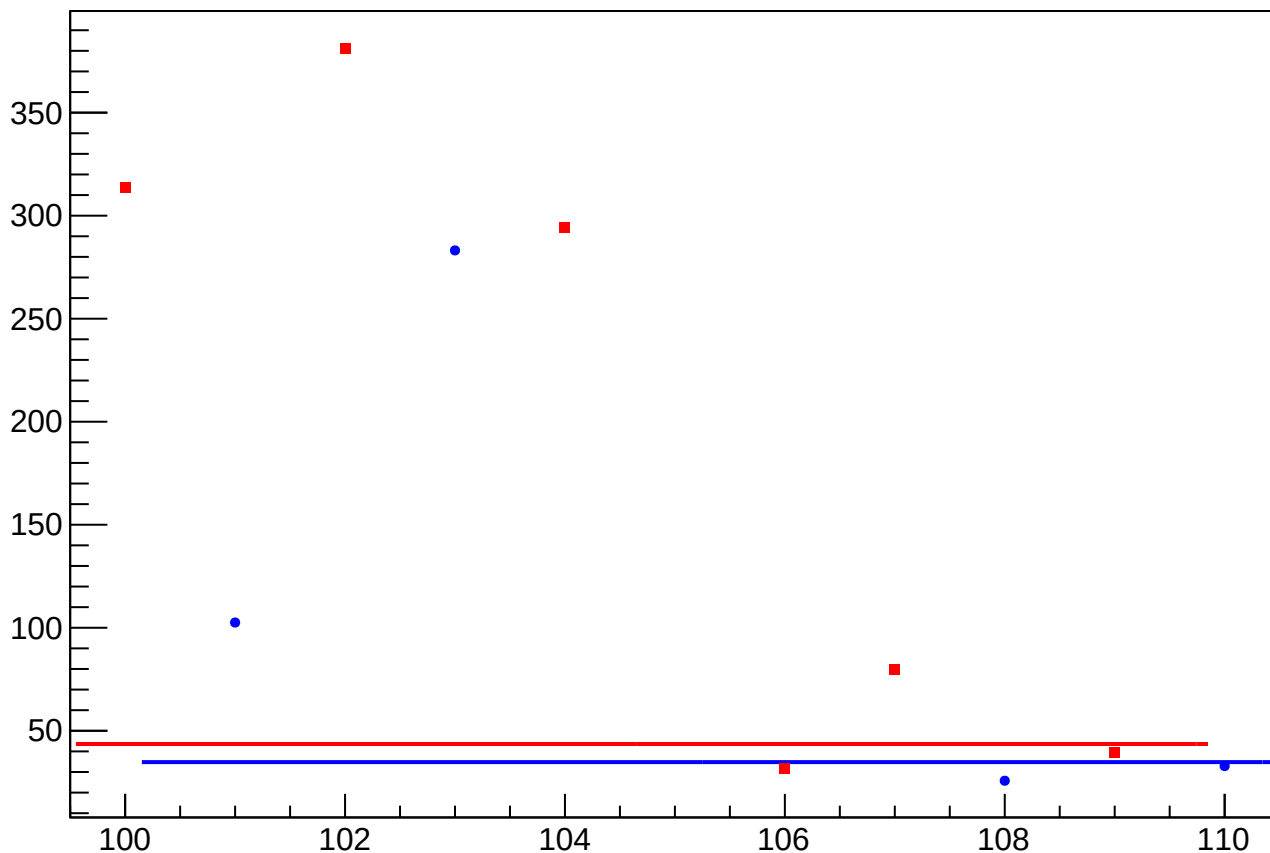
Right: -0.006 $\pm$ 0.026 χ^2 /NDF: 11.4/9

In: 0.029 $\pm$ 0.033 χ^2 /NDF:4.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.026 χ^2 /NDF: 11.4/9

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.797+/-0.023 χ^2/NDF : 1492436.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 43.590+/-0.030 χ^2/NDF : 1561704.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

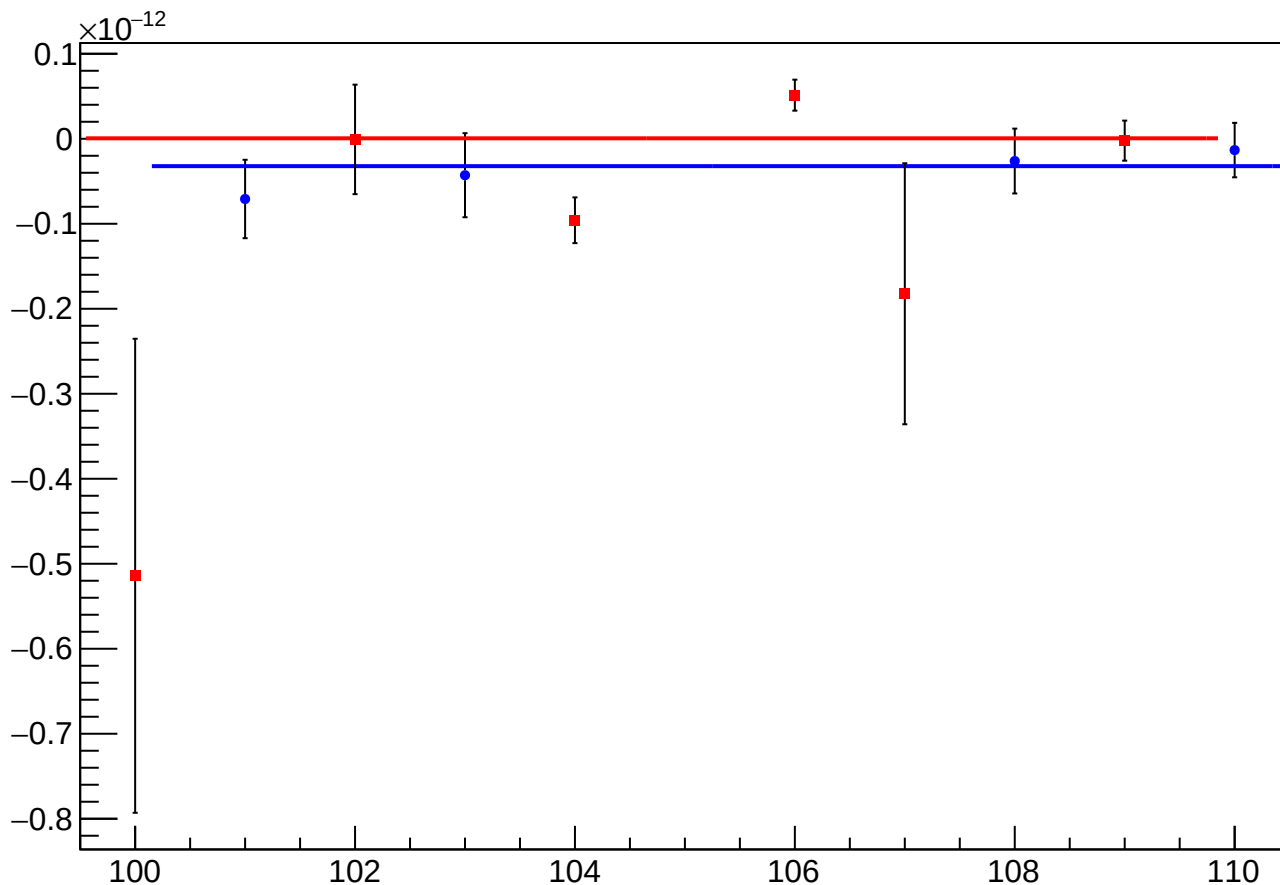
Right: 38.073+/-0.019 χ^2/NDF : 3106820.7/9

In: 34.797+/-0.023 χ^2/NDF :1492436.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 38.073+/-0.019 χ^2/NDF : 3106820.7/9

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.1/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 25.4/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

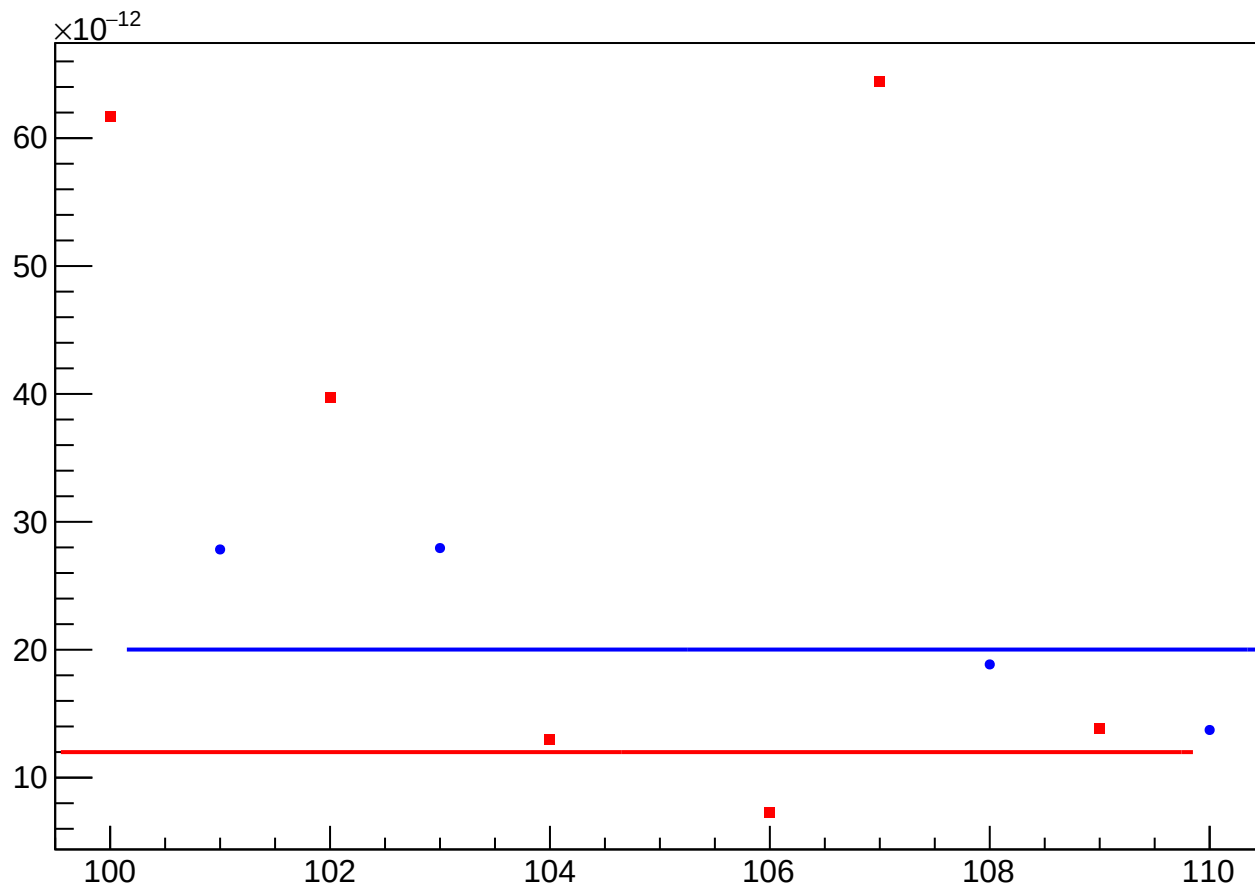
Right: -0.000+/-0.000 χ^2 /NDF: 28.5/9

In: -0.000+/-0.000 χ^2 /NDF:1.1/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.5/9

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 187976.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 818217.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

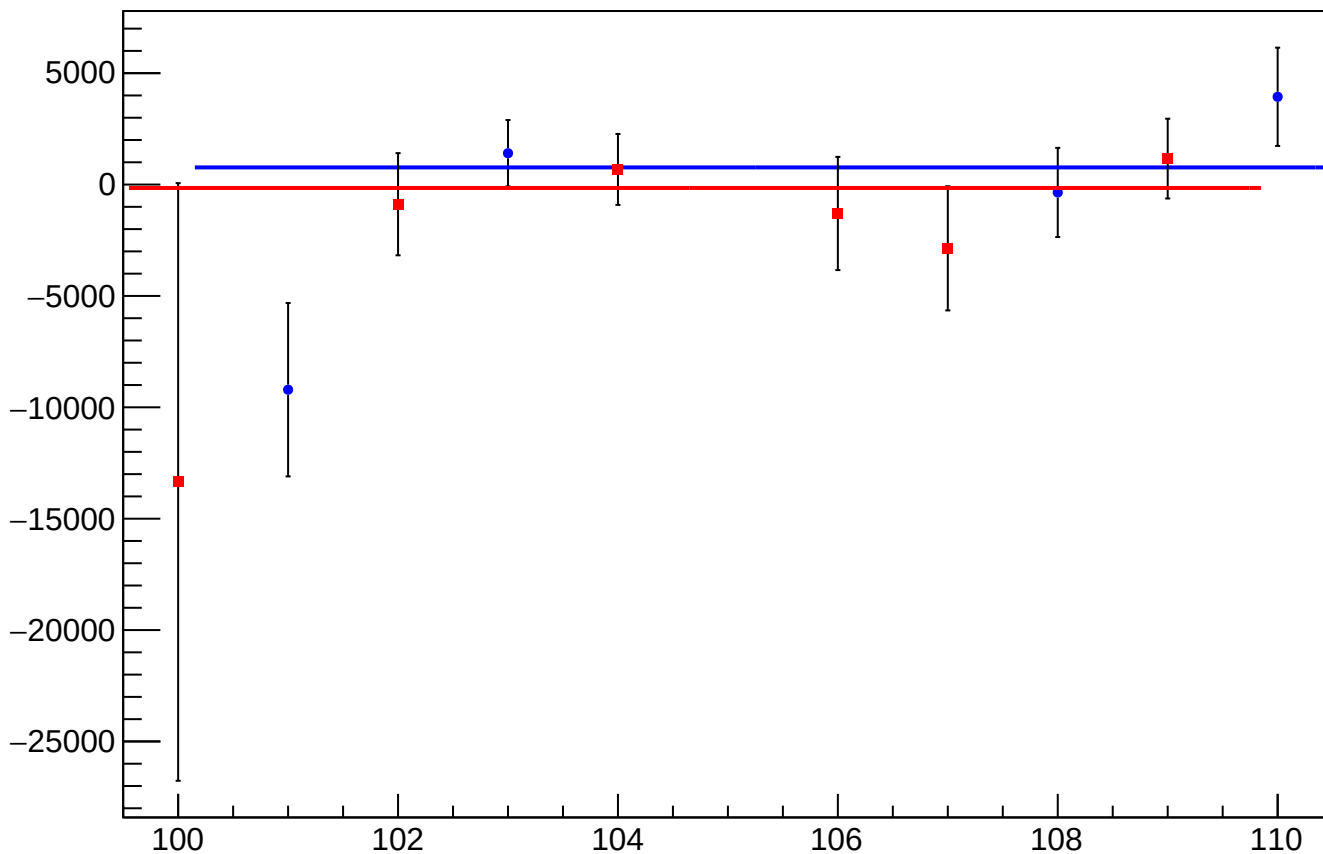
Right: 0.000+/-0.000 χ^2/NDF : 1240994.4/9

In: 0.000+/-0.000 χ^2/NDF : 187976.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1240994.4/9

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 769.753+/-1014.323 χ^2/NDF : 9.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.441+/-918.541 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

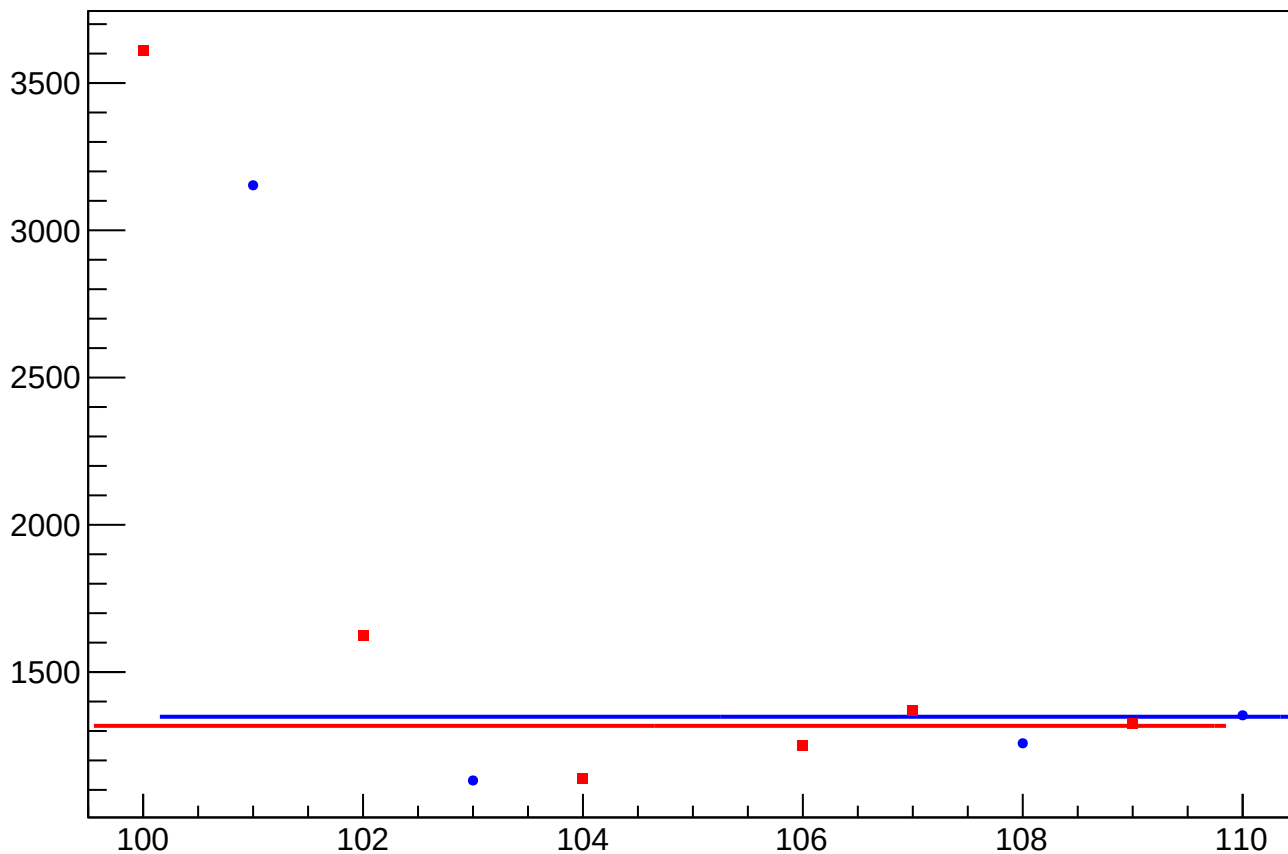
Right: 263.069+/-680.857 χ^2/NDF : 12.6/9

In: 769.753+/-1014.323 χ^2/NDF : 9.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.069+/-680.857 χ^2/NDF : 12.6/9

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1348.352+/-0.717 χ^2/NDF : 475997.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1317.432+/-0.649 χ^2/NDF : 121041.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

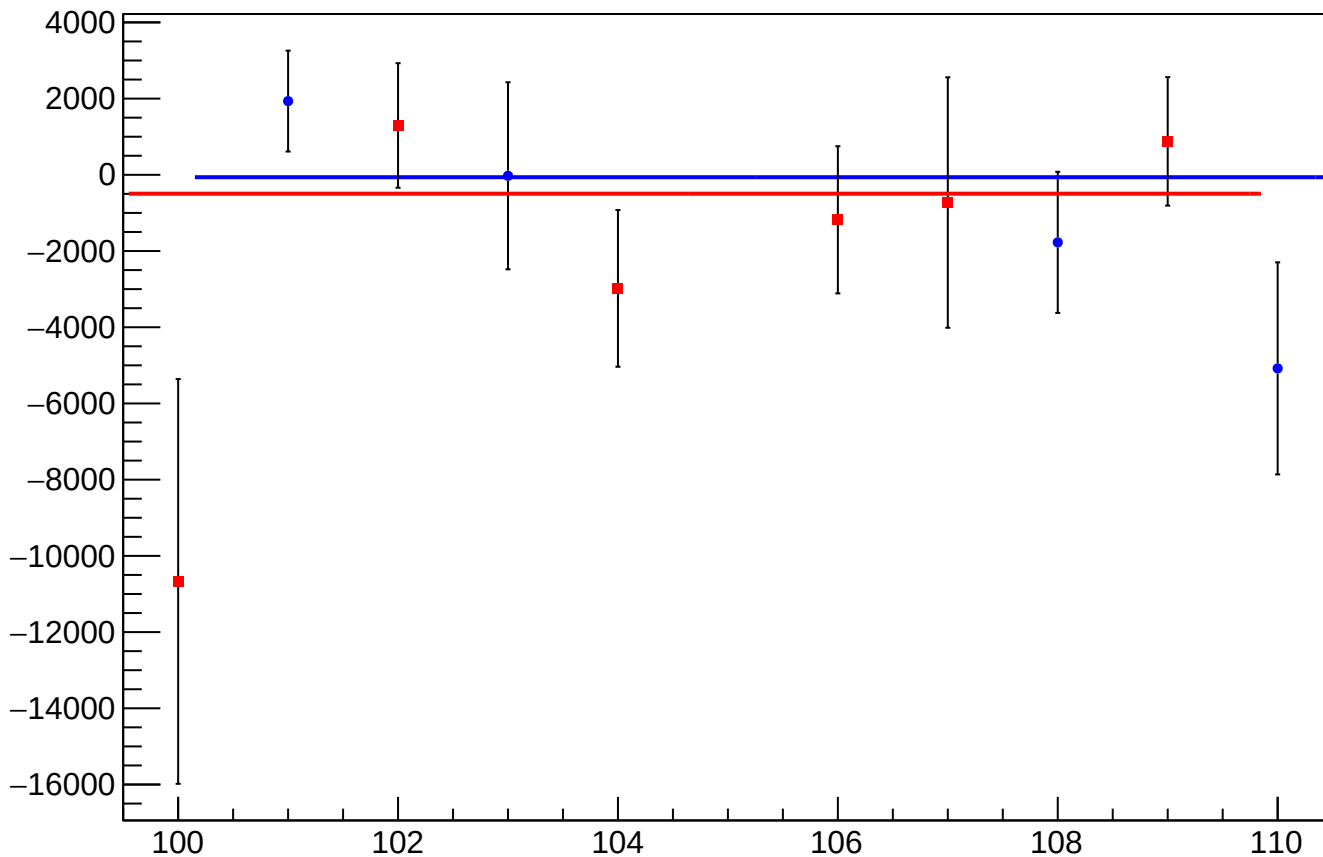
Right: 1331.363+/-0.481 χ^2/NDF : 598059.8/9

In: 1348.352+/-0.717 χ^2/NDF : 475997.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.363+/-0.481 χ^2/NDF : 598059.8/9

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -62.868+/-929.417 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -495.302+/-857.907 χ^2/NDF : 7.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

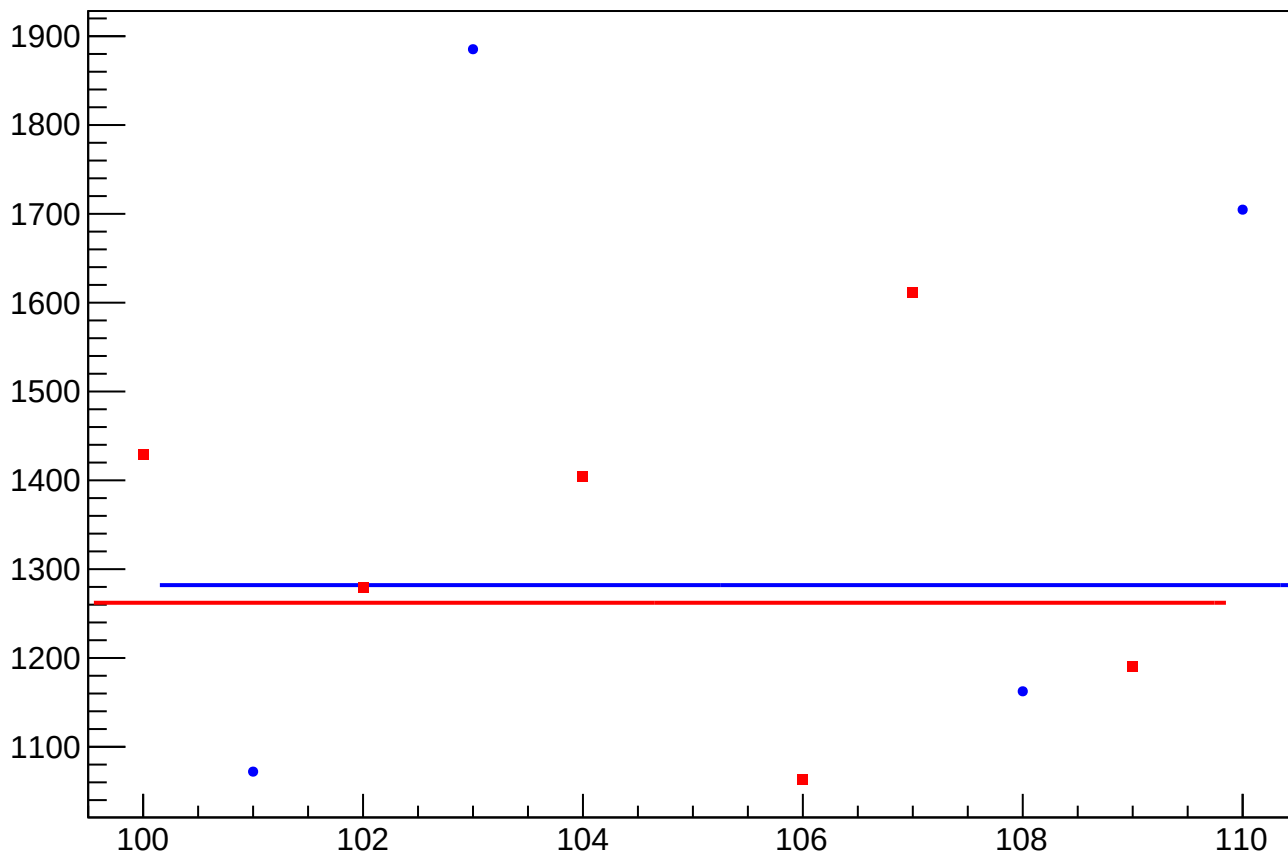
Right: -296.359+/-630.398 χ^2/NDF : 13.6/9

In: -62.868+/-929.417 χ^2/NDF : 6.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -296.359+/-630.398 χ^2/NDF : 13.6/9

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1282.037+/-0.657 χ^2/NDF : 225653.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1262.169+/-0.607 χ^2/NDF : 59198.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

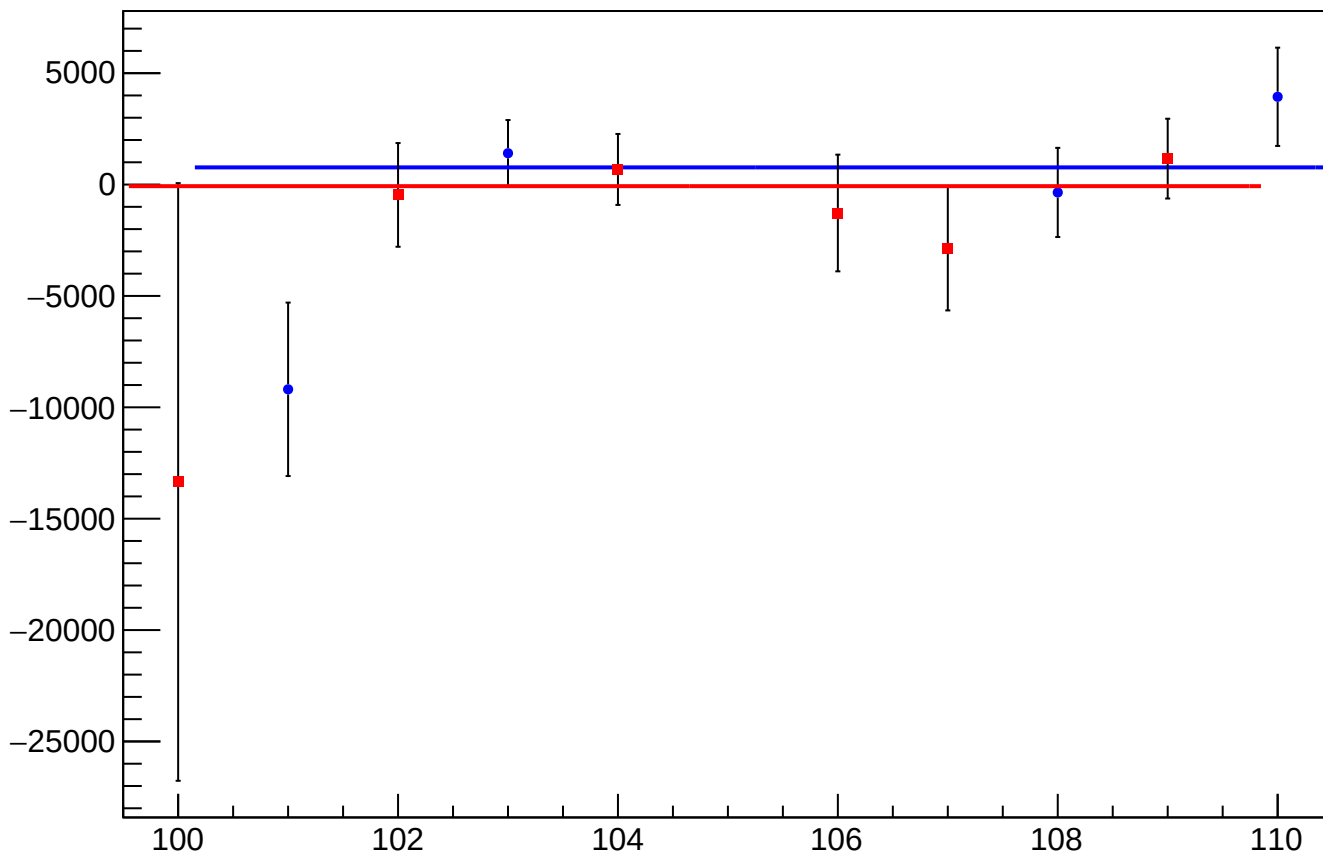
Right: 1271.309+/-0.446 χ^2/NDF : 285346.0/9

In: 1282.037+/-0.657 χ^2/NDF : 225653.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1271.309+/-0.446 χ^2/NDF : 285346.0/9

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 770.918+/-1014.324 χ^2/NDF : 9.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.852+/-924.289 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

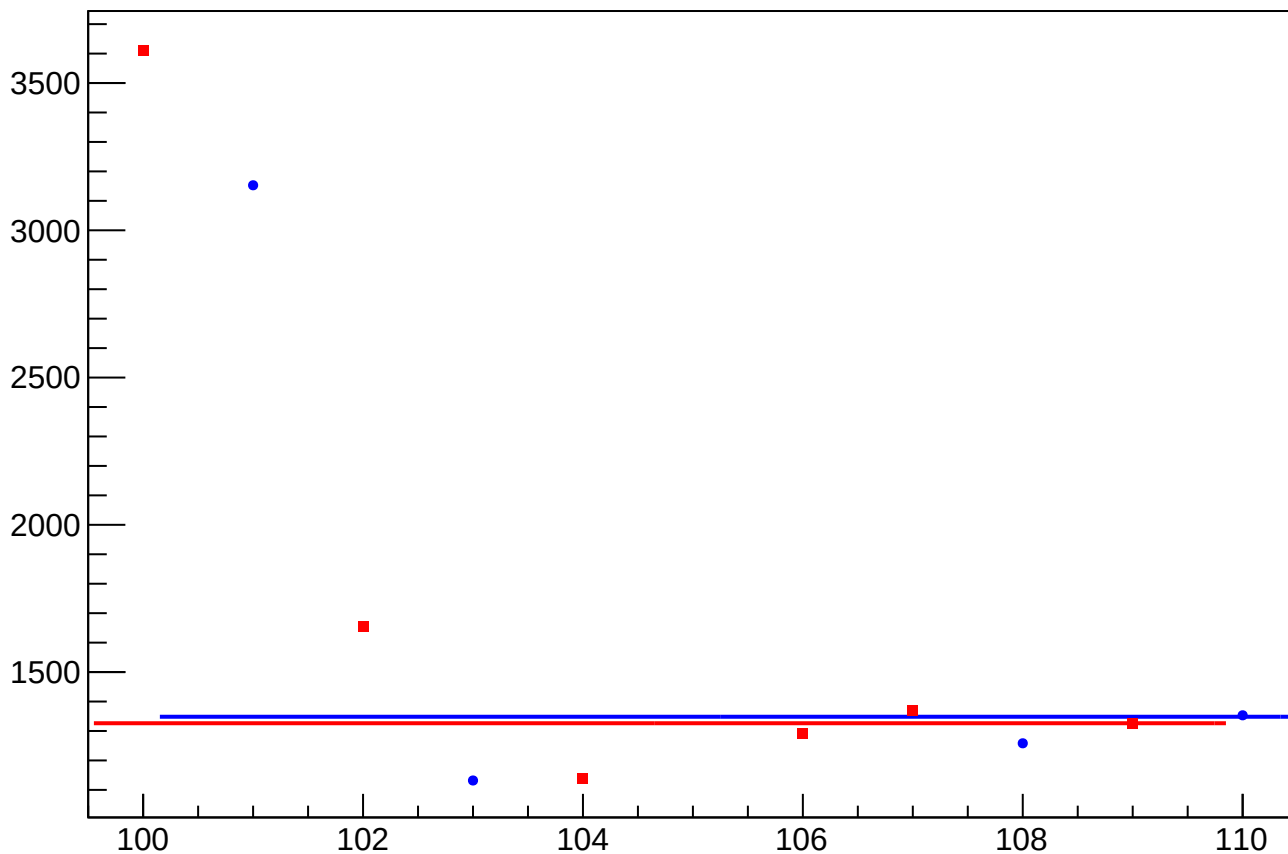
Right: 310.477+/-683.189 χ^2/NDF : 12.4/9

In: 770.918+/-1014.324 χ^2/NDF : 9.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.477+/-683.189 χ^2/NDF : 12.4/9

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1348.351+/-0.717 χ^2/NDF : 475998.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.314+/-0.654 χ^2/NDF : 126136.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

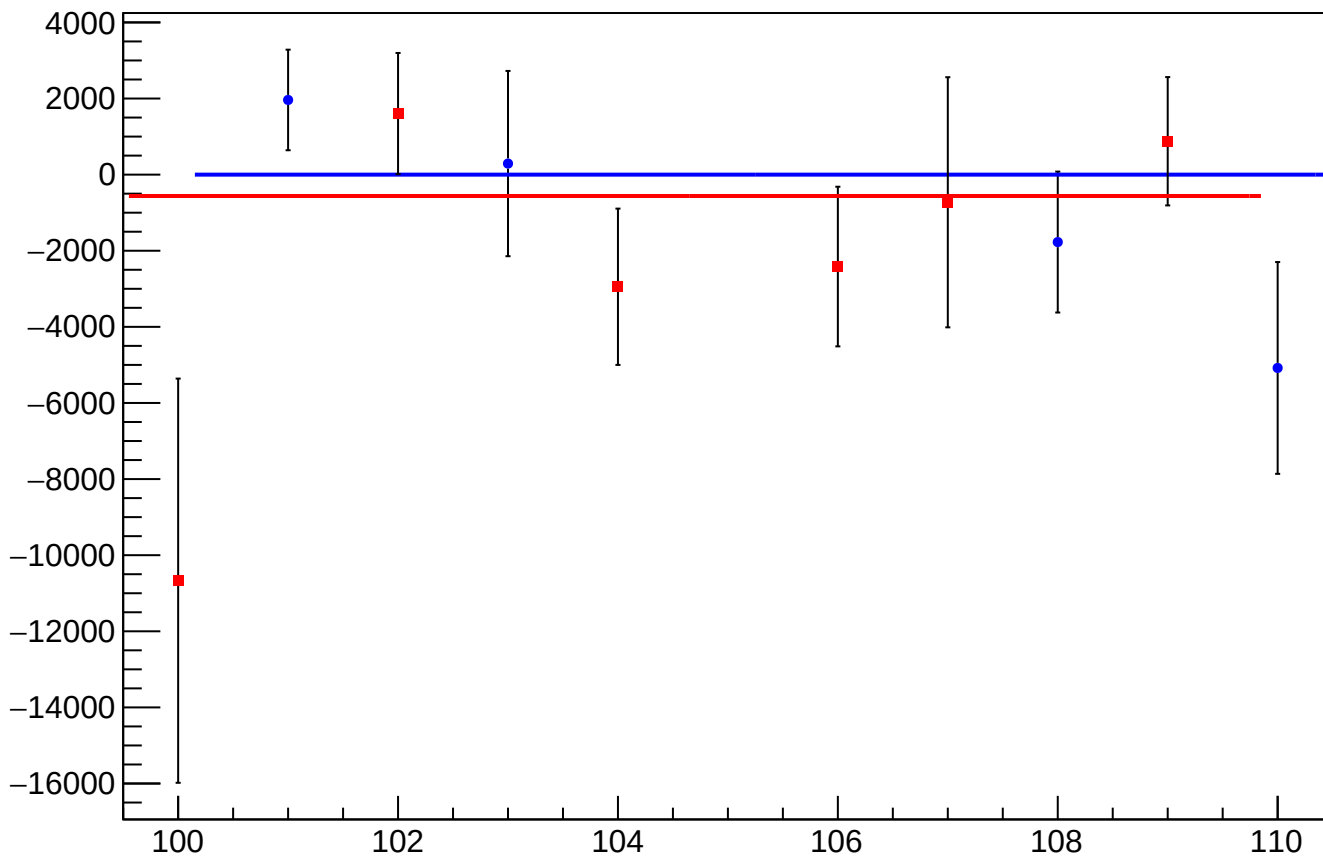
Right: 1336.311+/-0.483 χ^2/NDF : 602650.5/9

In: 1348.351+/-0.717 χ^2/NDF : 475998.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.311+/-0.483 χ^2/NDF : 602650.5/9

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -0.014+/-927.587 χ^2/NDF : 6.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -561.279+/-864.289 χ^2/NDF : 8.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

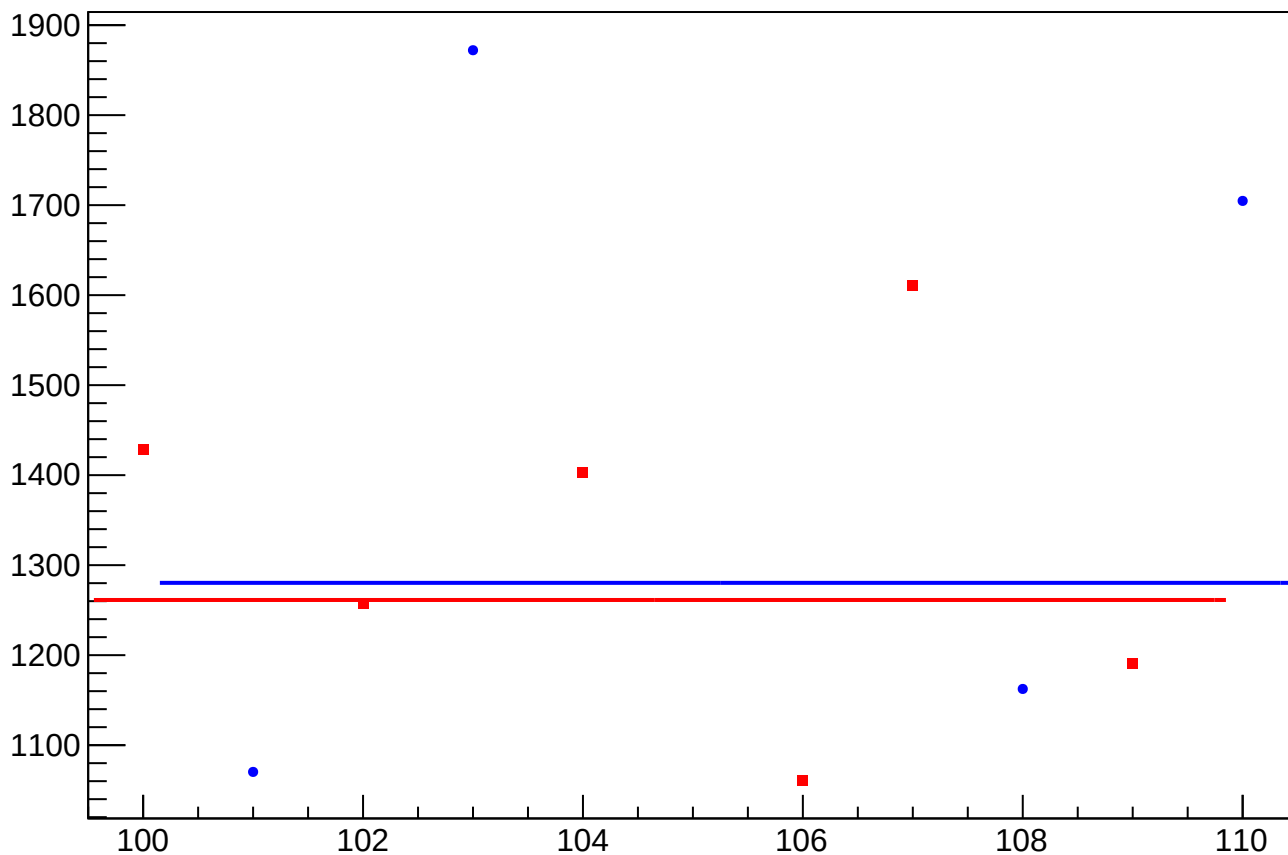
Right: -300.449+/-632.339 χ^2/NDF : 15.0/9

In: -0.014+/-927.587 χ^2/NDF : 6.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -300.449+/-632.339 χ^2/NDF : 15.0/9

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1280.345+/-0.656 χ^2/NDF : 223359.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1261.304+/-0.611 χ^2/NDF : 55983.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

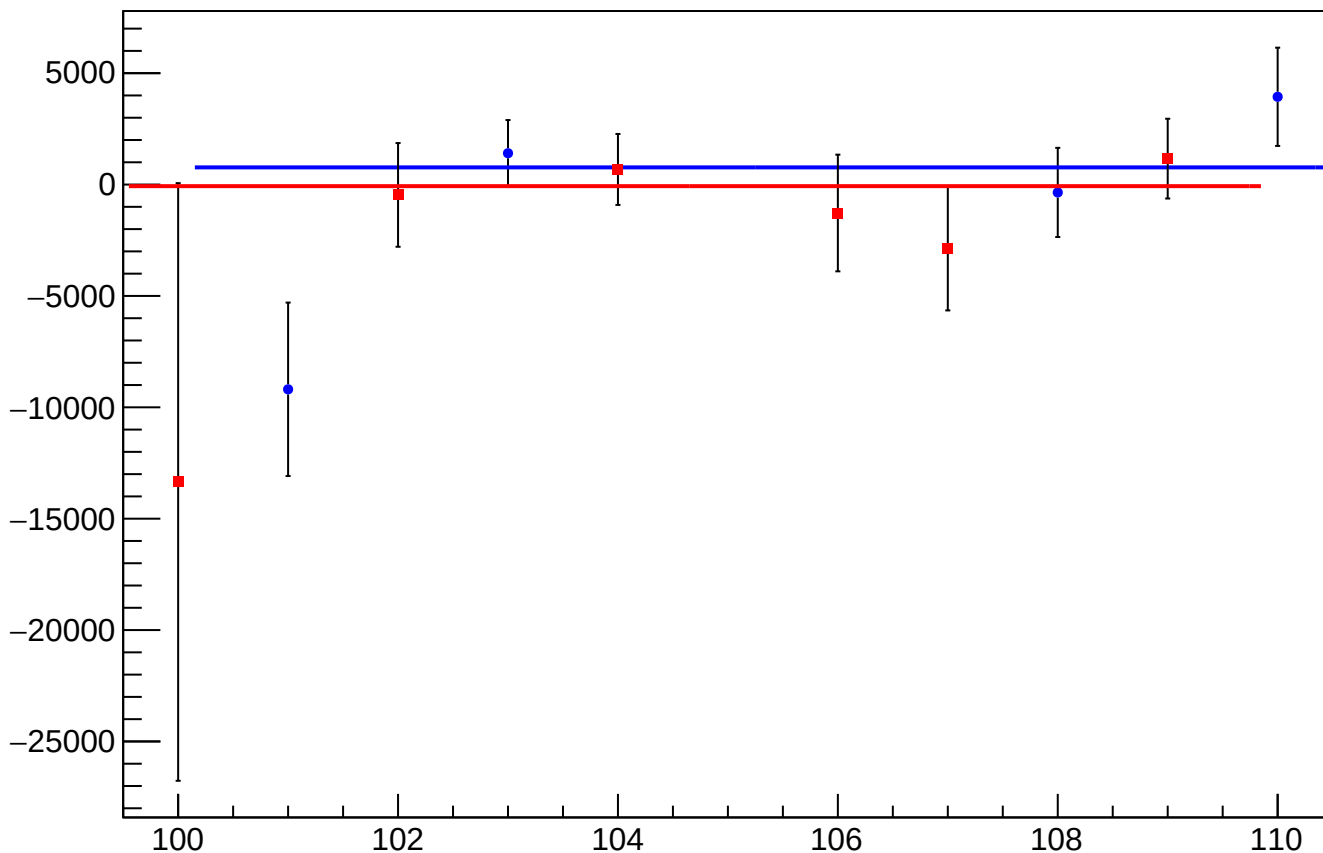
Right: 1270.153+/-0.447 χ^2/NDF : 279794.1/9

In: 1280.345+/-0.656 χ^2/NDF : 223359.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1270.153+/-0.447 χ^2/NDF : 279794.1/9

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 770.918+/-1014.324 χ^2/NDF : 9.1/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -71.852+/-924.289 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

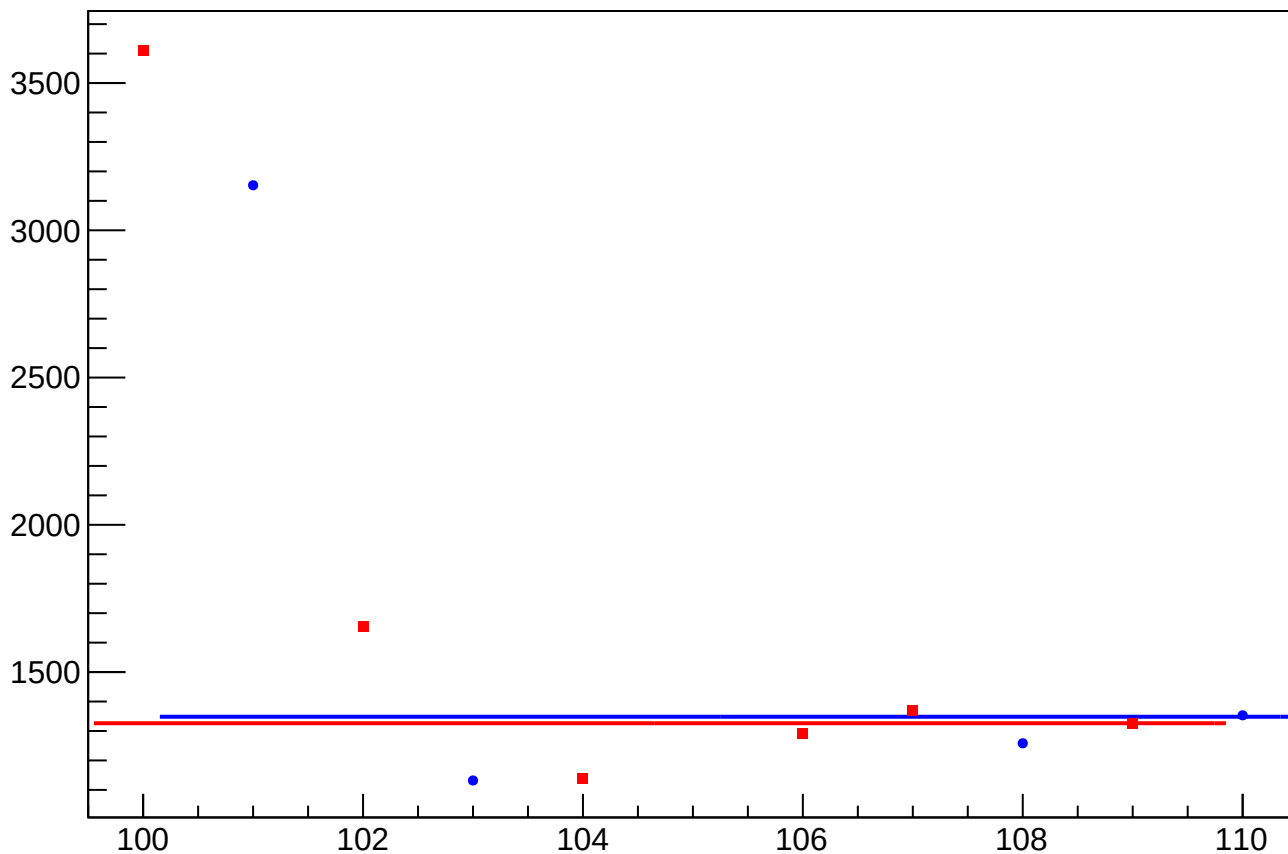
Right: 310.477+/-683.189 χ^2/NDF : 12.4/9

In: 770.918+/-1014.324 χ^2/NDF :9.1/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 310.477+/-683.189 χ^2/NDF : 12.4/9

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1348.351+/-0.717 χ^2/NDF : 475998.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.314+/-0.654 χ^2/NDF : 126136.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

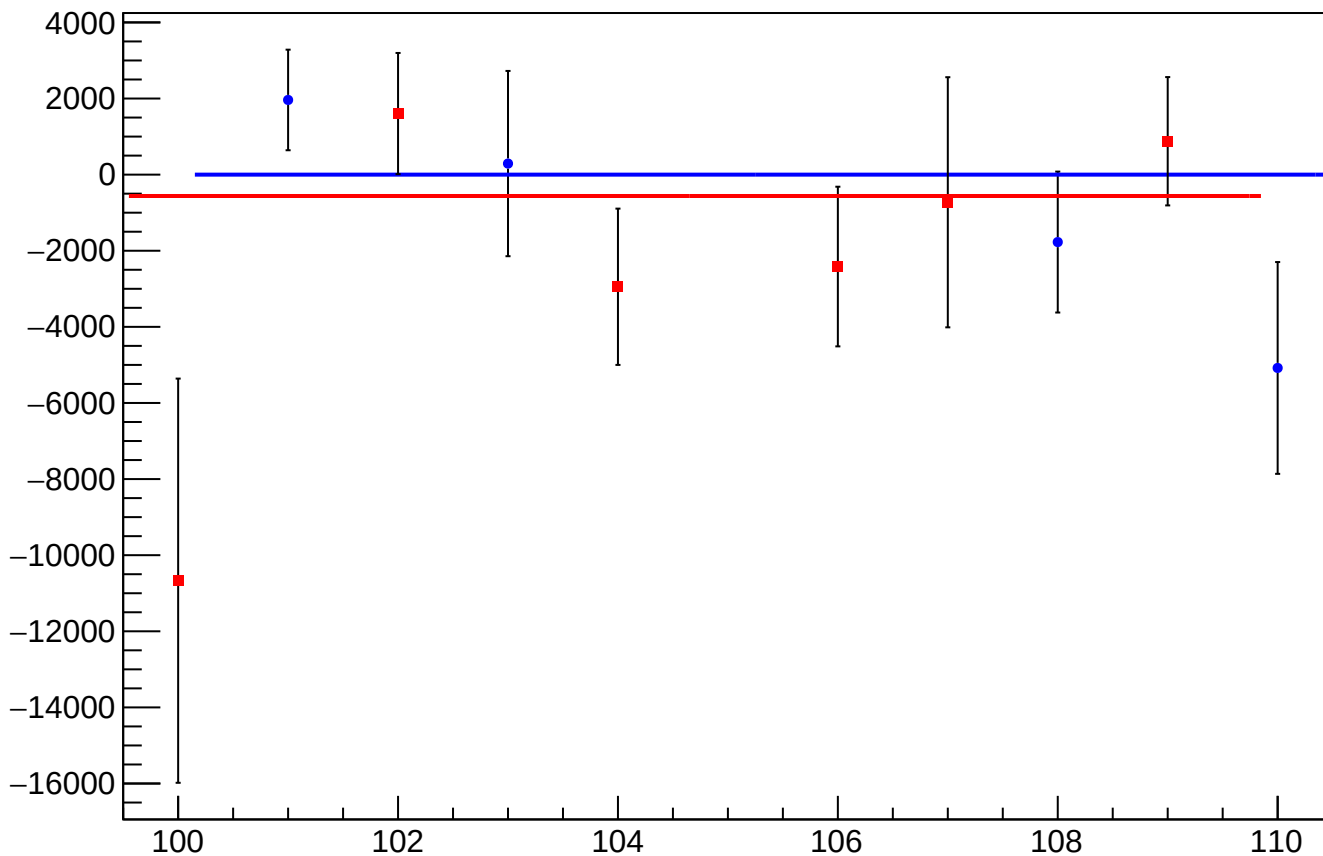
Right: 1336.311+/-0.483 χ^2/NDF : 602650.5/9

In: 1348.351+/-0.717 χ^2/NDF : 475998.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.311+/-0.483 χ^2/NDF : 602650.5/9

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -0.014+/-927.587 χ^2 /NDF: 6.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -561.279+/-864.289 χ^2 /NDF: 8.3/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

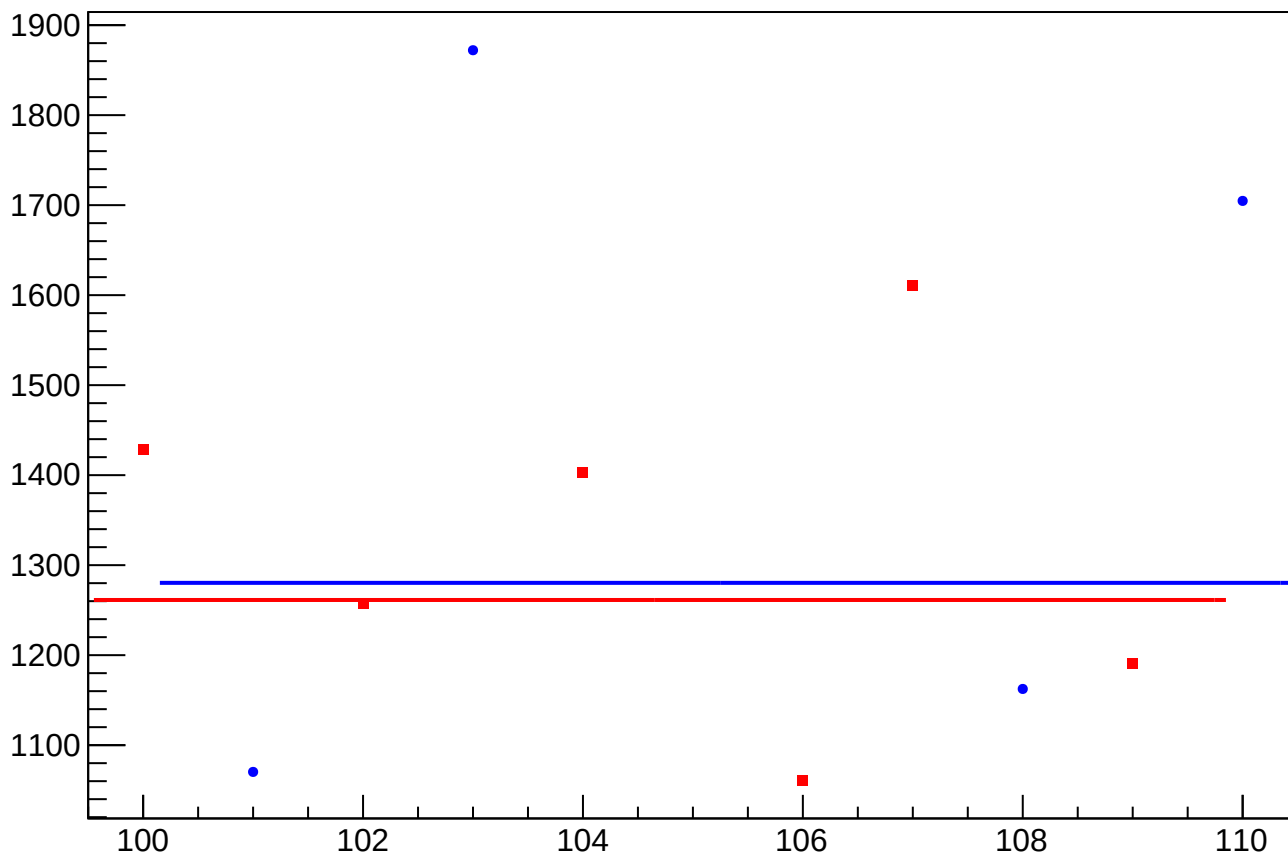
Right: -300.449+/-632.339 χ^2 /NDF: 15.0/9

In: -0.014+/-927.587 χ^2 /NDF:6.5/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -300.449+/-632.339 χ^2 /NDF: 15.0/9

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1280.345+/-0.656 χ^2/NDF : 223359.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1261.304+/-0.611 χ^2/NDF : 55983.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

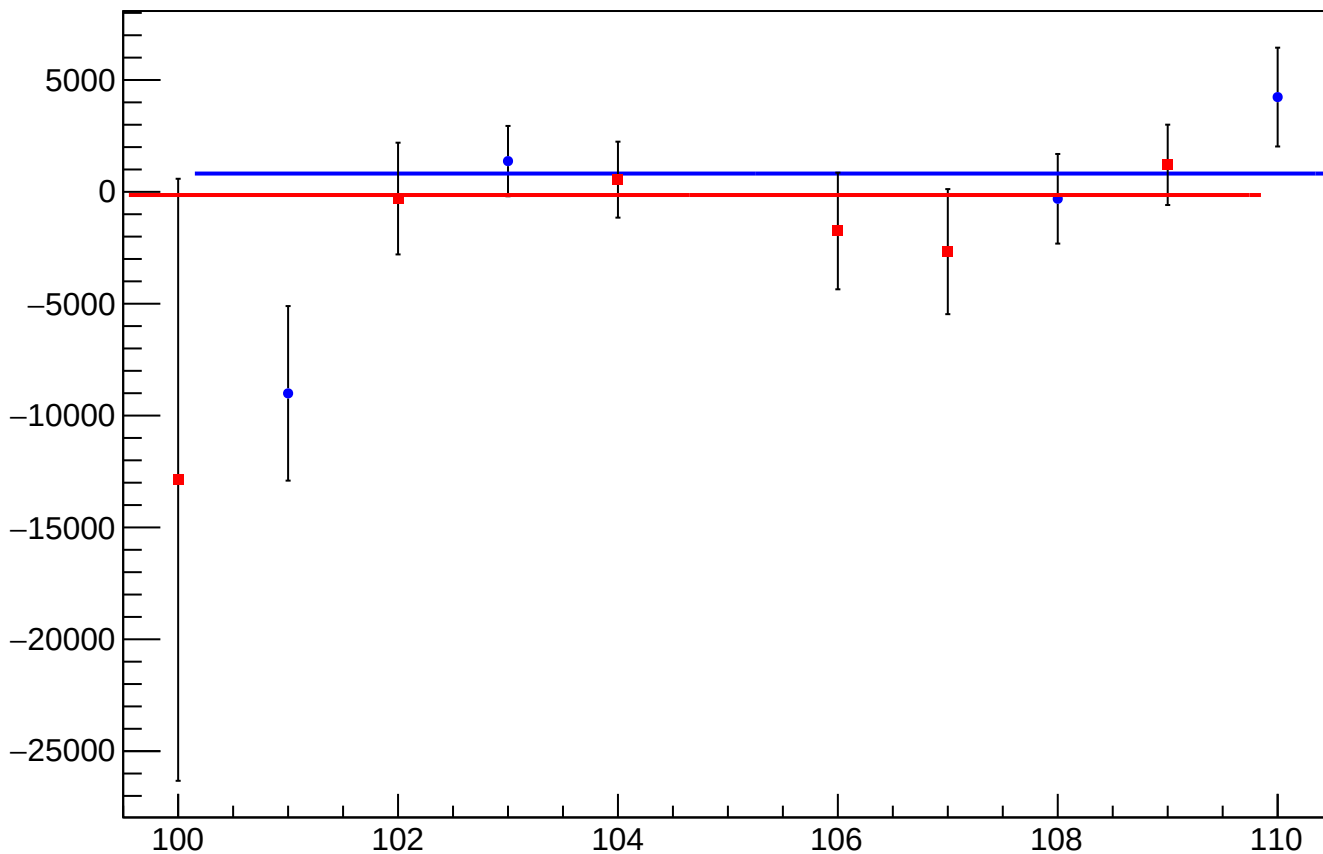
Right: 1270.153+/-0.447 χ^2/NDF : 279794.1/9

In: 1280.345+/-0.656 χ^2/NDF : 223359.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1270.153+/-0.447 χ^2/NDF : 279794.1/9

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 818.067+/-1039.738 χ^2/NDF : 9.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -141.036+/-954.312 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

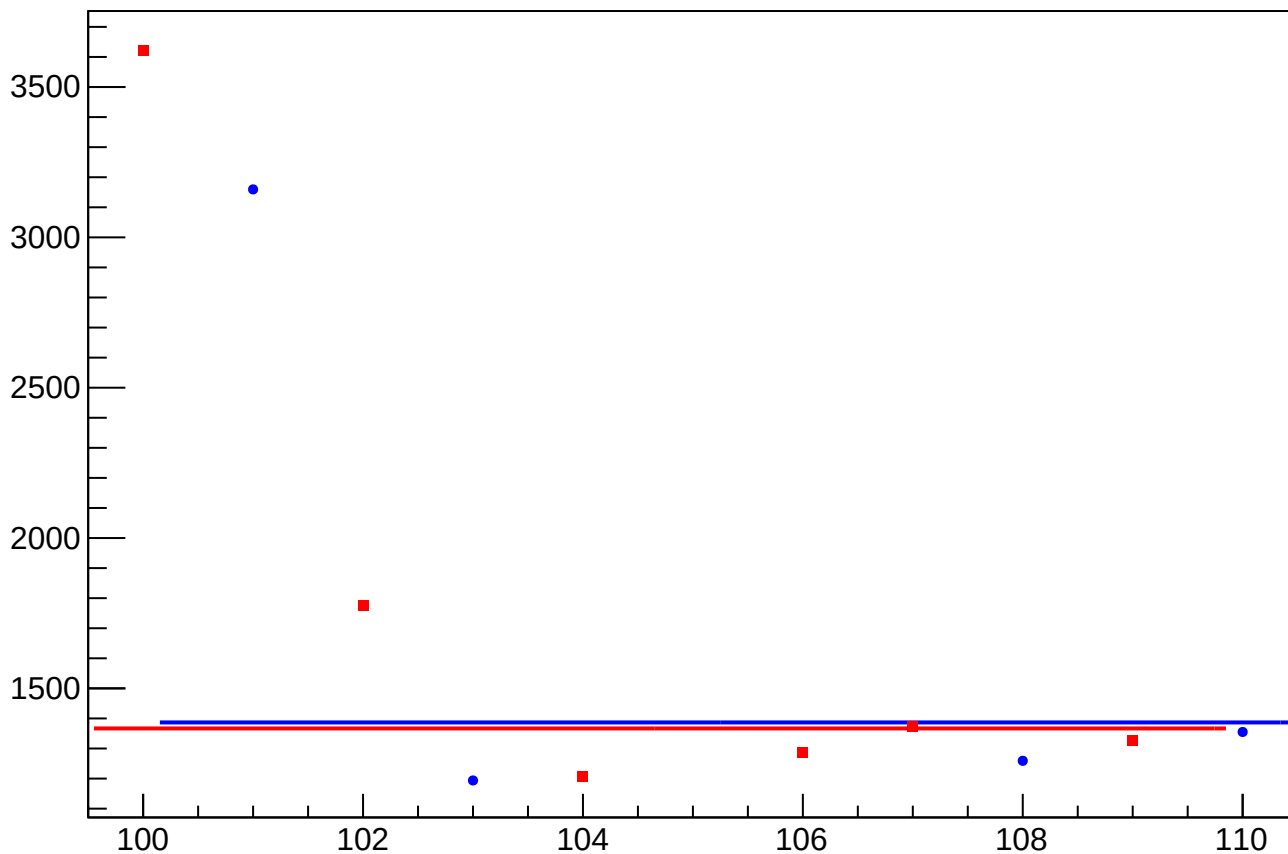
Right: 297.502+/-703.064 χ^2/NDF : 12.5/9

In: 818.067+/-1039.738 χ^2/NDF : 9.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.502+/-703.064 χ^2/NDF : 12.5/9

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1386.703+/-0.735 χ^2/NDF : 451665.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.726+/-0.675 χ^2/NDF : 130294.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

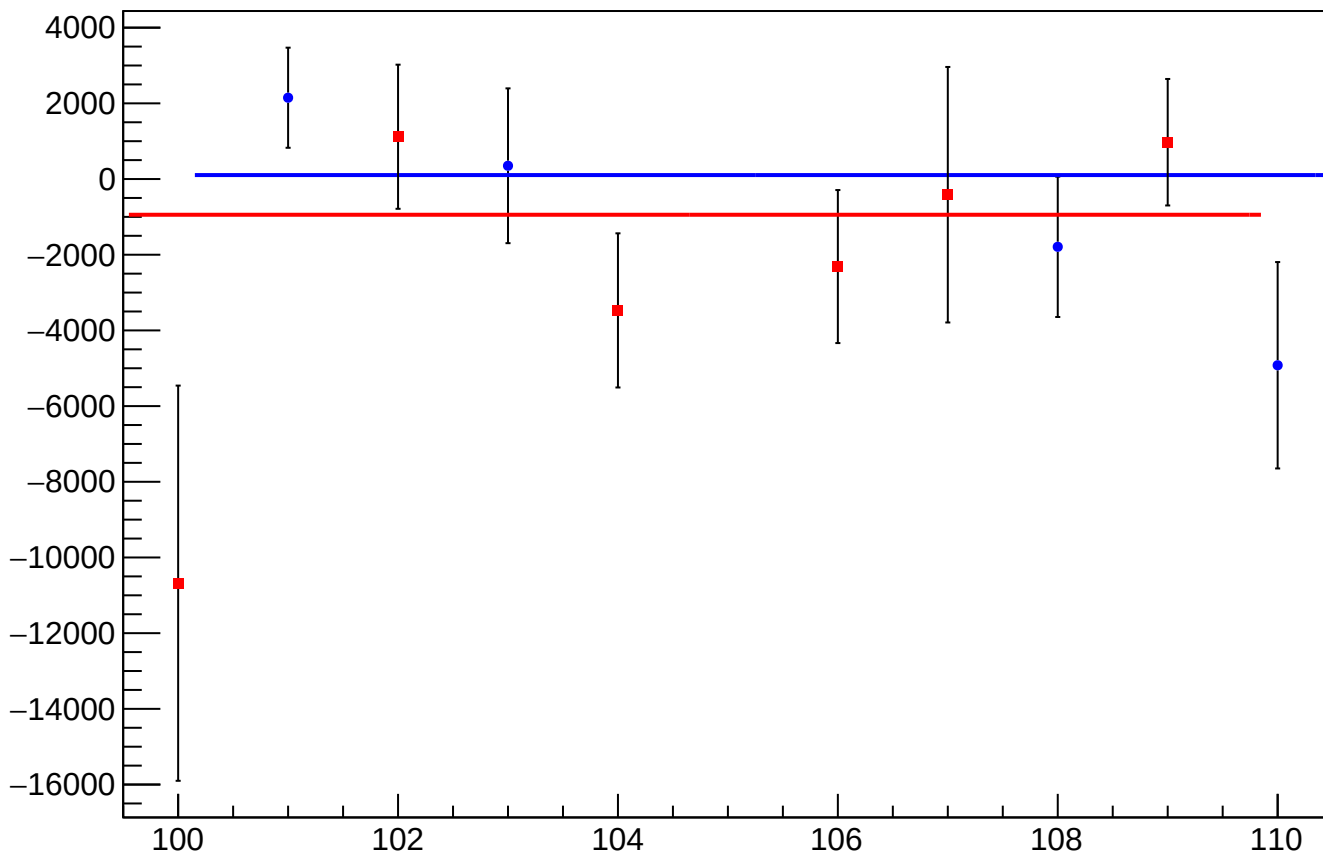
Right: 1375.860+/-0.497 χ^2/NDF : 582360.7/9

In: 1386.703+/-0.735 χ^2/NDF : 451665.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.860+/-0.497 χ^2/NDF : 582360.7/9

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 104.882+/-899.500 χ^2/NDF : 6.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -943.840+/-896.610 χ^2/NDF : 8.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

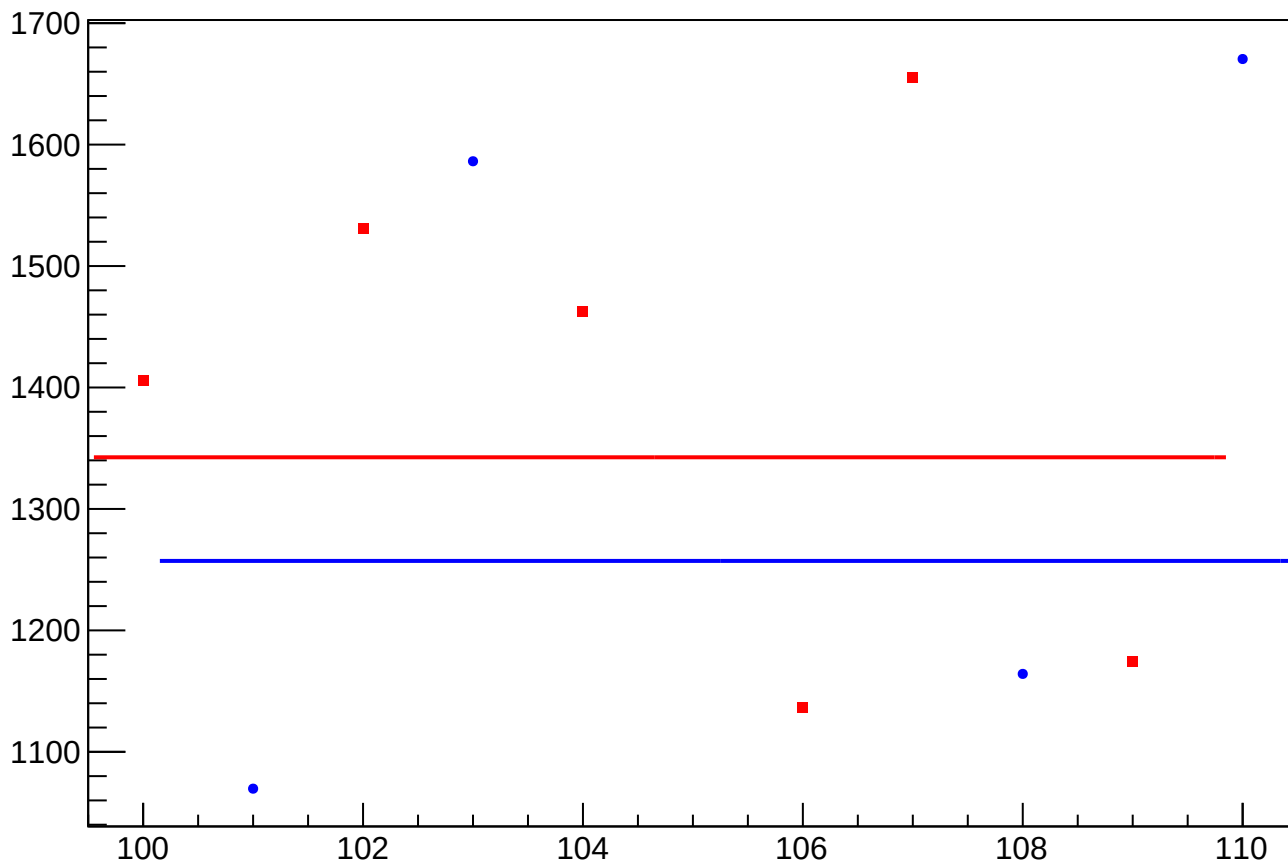
Right: -421.166+/-635.018 χ^2/NDF : 15.5/9

In: 104.882+/-899.500 χ^2/NDF : 6.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -421.166+/-635.018 χ^2/NDF : 15.5/9

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1257.203+/-0.636 χ^2/NDF : 142946.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1342.528+/-0.634 χ^2/NDF : 85089.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

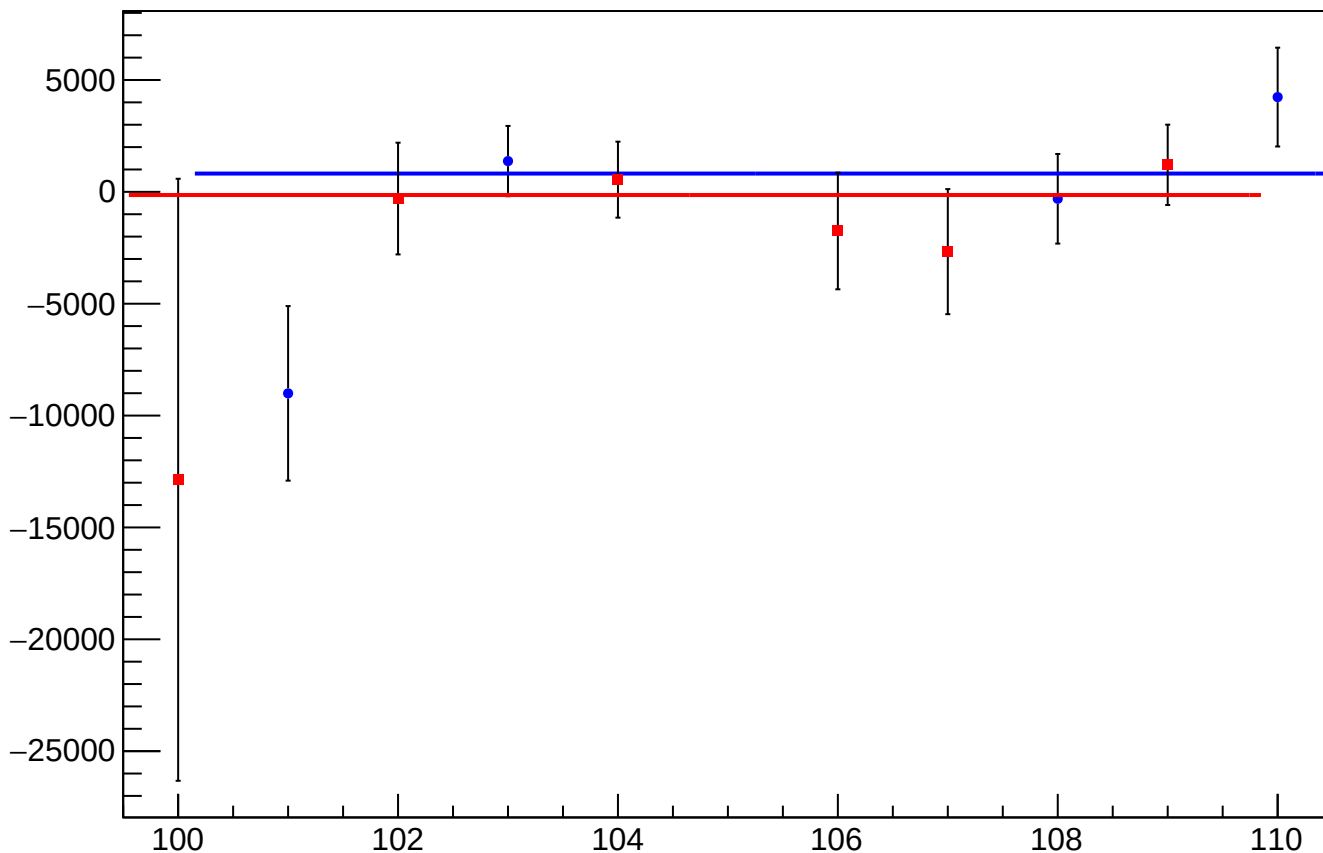
Right: 1300.003+/-0.449 χ^2/NDF : 237062.3/9

In: 1257.203+/-0.636 χ^2/NDF : 142946.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.003+/-0.449 χ^2/NDF : 237062.3/9

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 818.062 $\pm$ 1039.737 χ^2 /NDF: 9.2/3

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -141.039 $\pm$ -954.312 χ^2 /NDF: 2.8/5

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

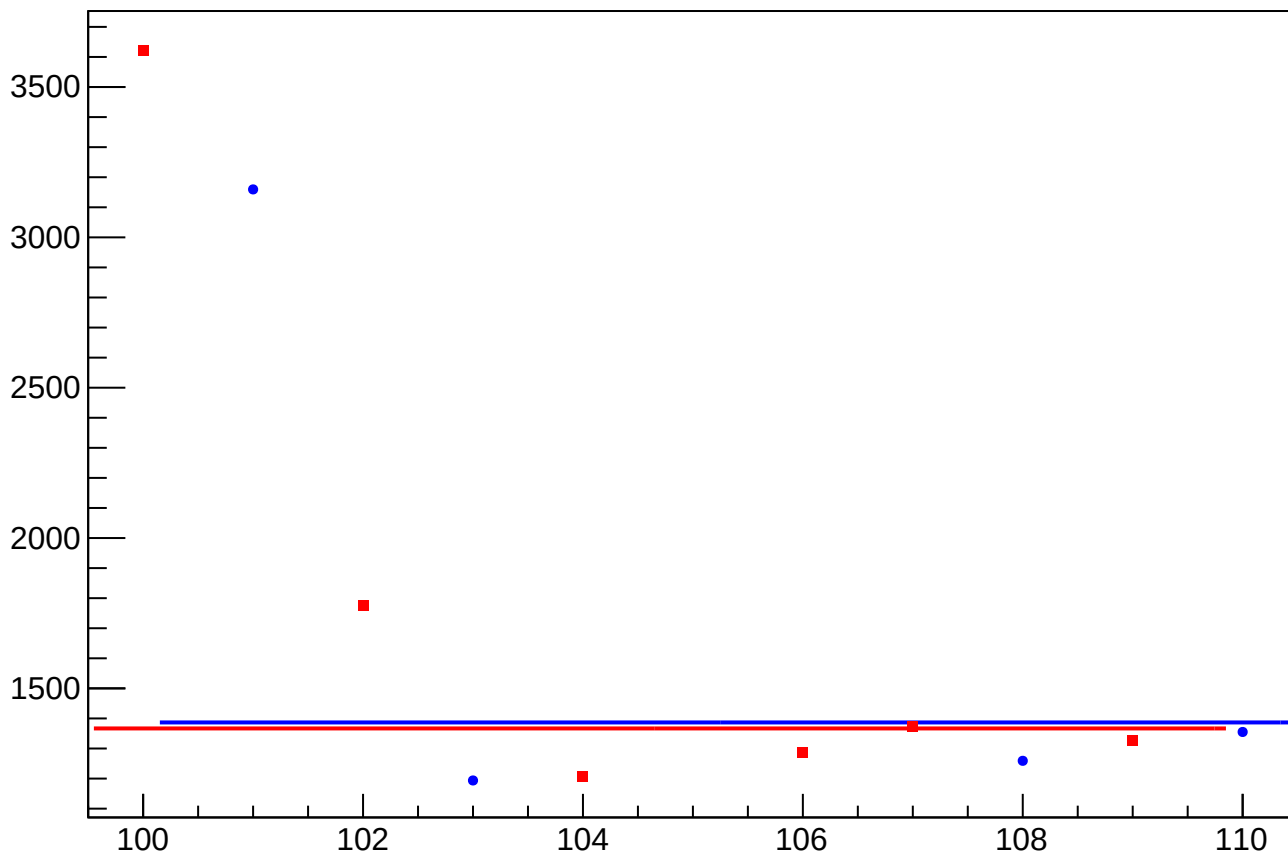
Right: 297.499 $\pm$ -703.064 χ^2 /NDF: 12.5/9

In: 818.062 $\pm$ -1039.737 χ^2 /NDF:9.2/3

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 297.499 $\pm$ -703.064 χ^2 /NDF: 12.5/9

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1386.702+/-0.735 χ^2/NDF : 451665.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.726+/-0.675 χ^2/NDF : 130294.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

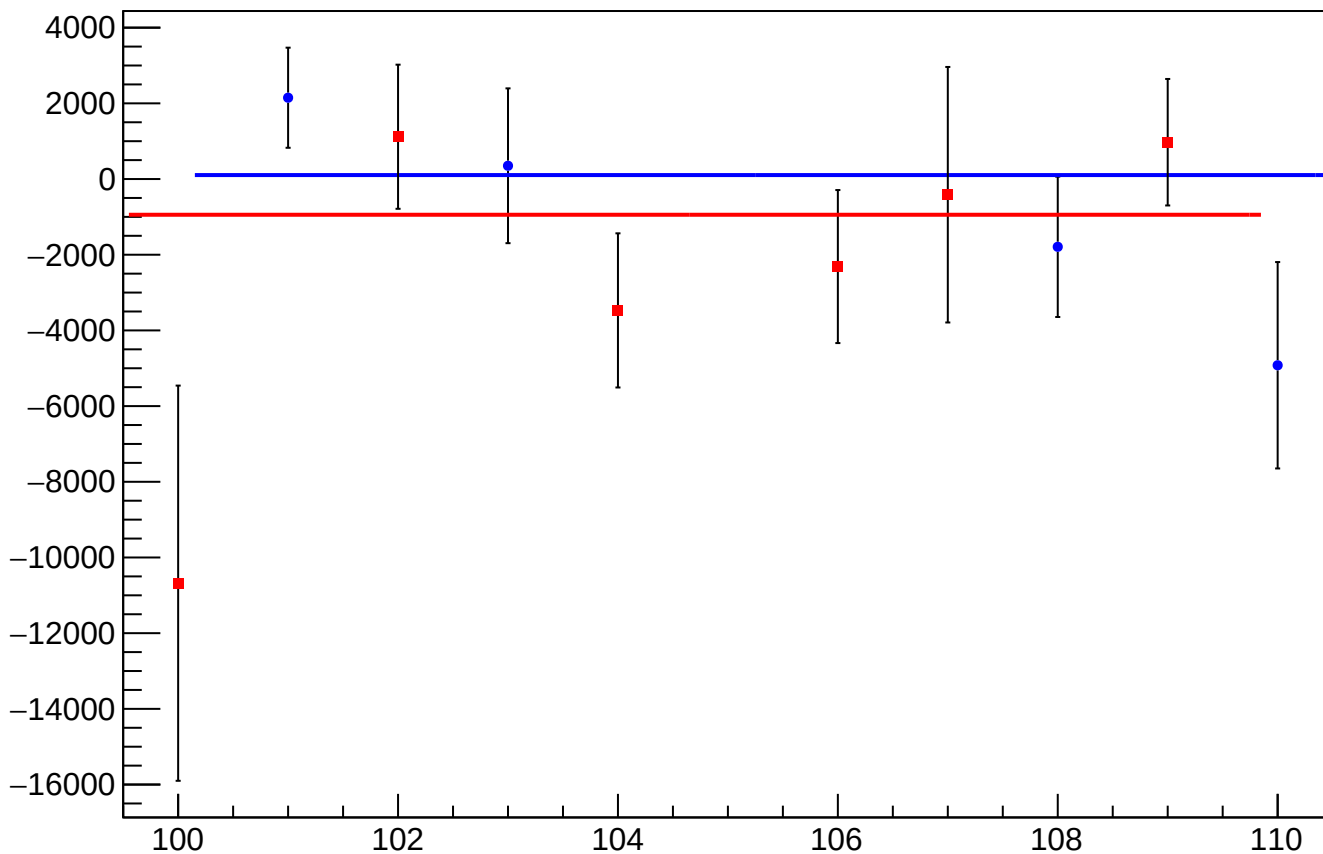
Right: 1375.860+/-0.497 χ^2/NDF : 582361.0/9

In: 1386.702+/-0.735 χ^2/NDF : 451665.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.860+/-0.497 χ^2/NDF : 582361.0/9

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 104.882+/-899.496 χ^2/NDF : 6.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -943.844+/-896.610 χ^2/NDF : 8.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

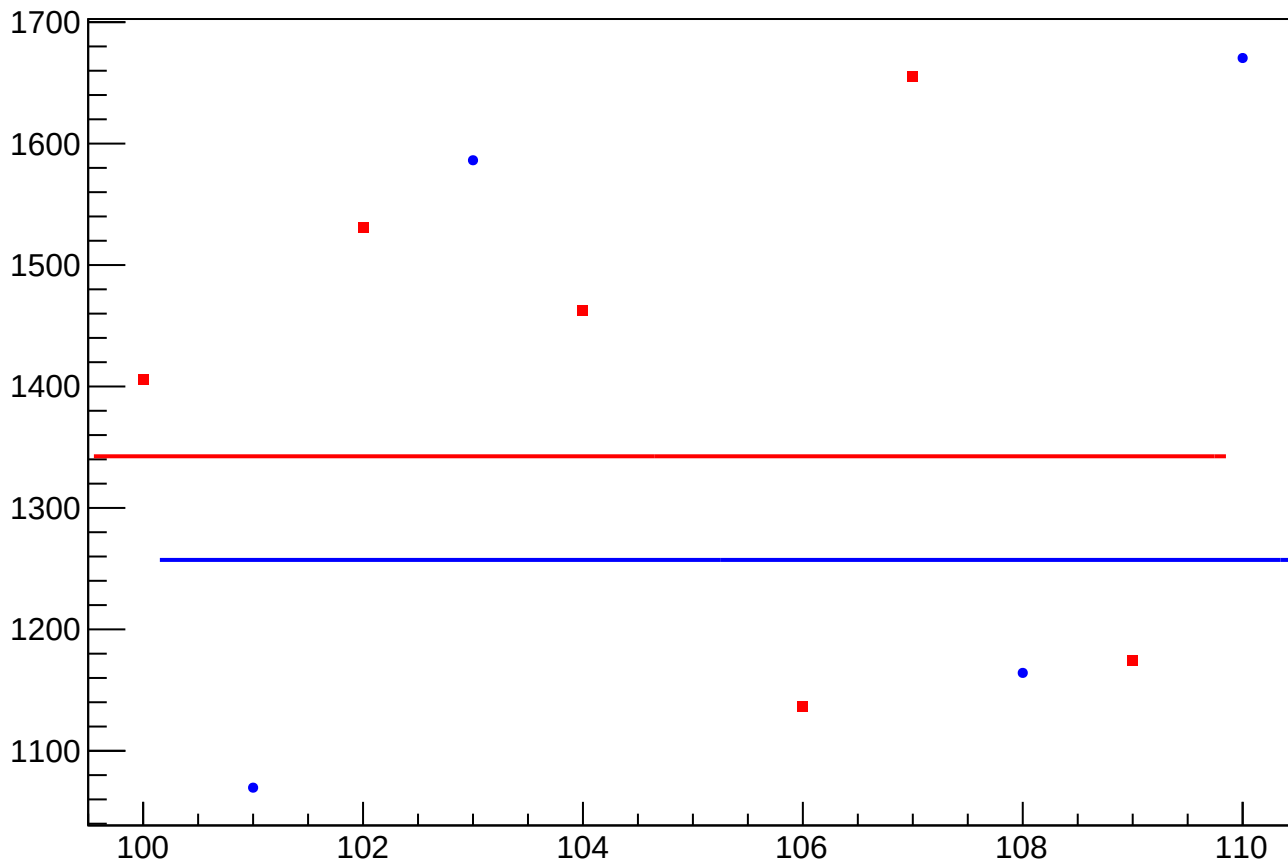
Right: -421.166+/-635.017 χ^2/NDF : 15.5/9

In: 104.882+/-899.496 χ^2/NDF : 6.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -421.166+/-635.017 χ^2/NDF : 15.5/9

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1257.196+/-0.636 χ^2/NDF : 142952.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1342.527+/-0.634 χ^2/NDF : 85090.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

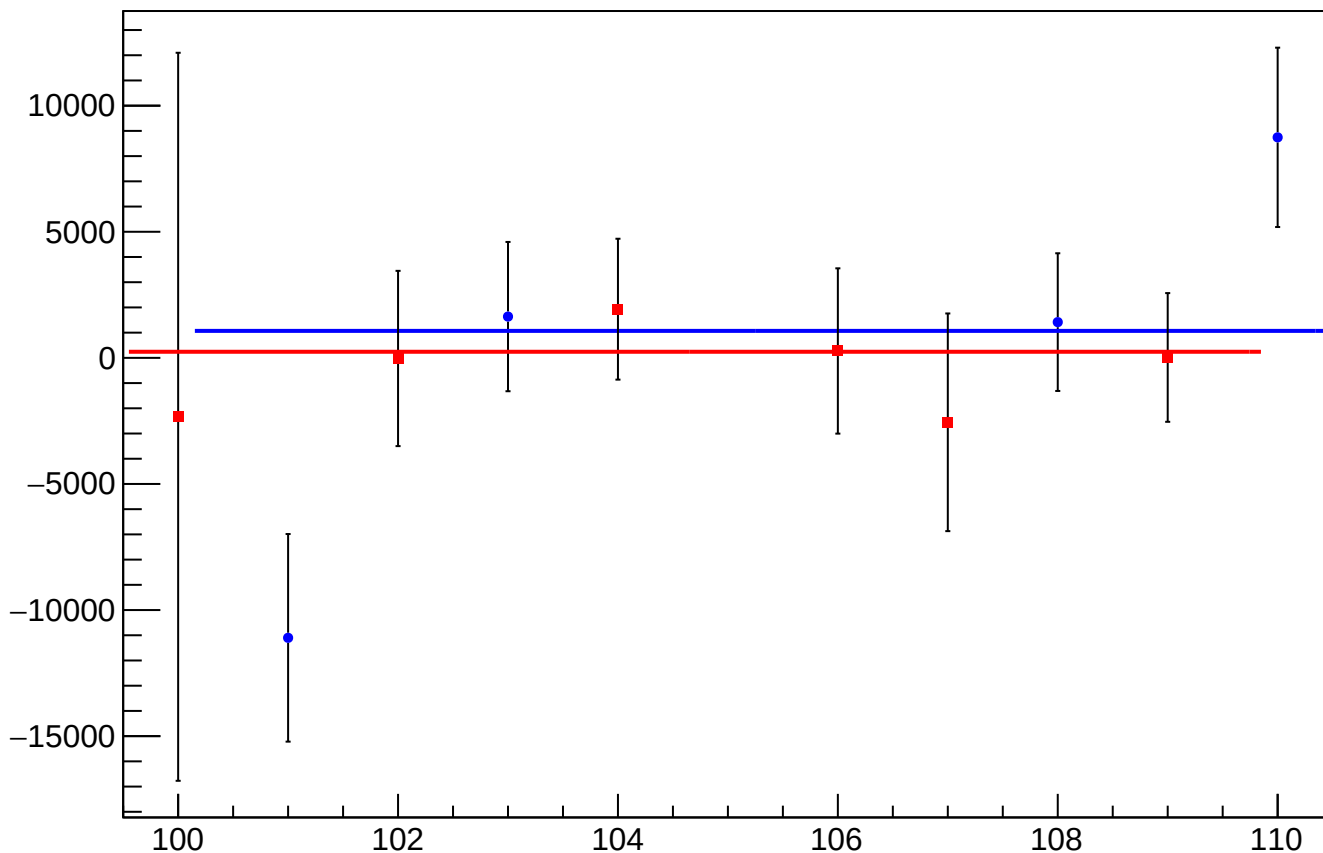
Right: 1299.999+/-0.449 χ^2/NDF : 237071.7/9

In: 1257.196+/-0.636 χ^2/NDF : 142952.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.999+/-0.449 χ^2/NDF : 237071.7/9

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 1069.867+/-1608.671 χ^2/NDF : 13.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 242.068+/-1391.928 χ^2/NDF : 0.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

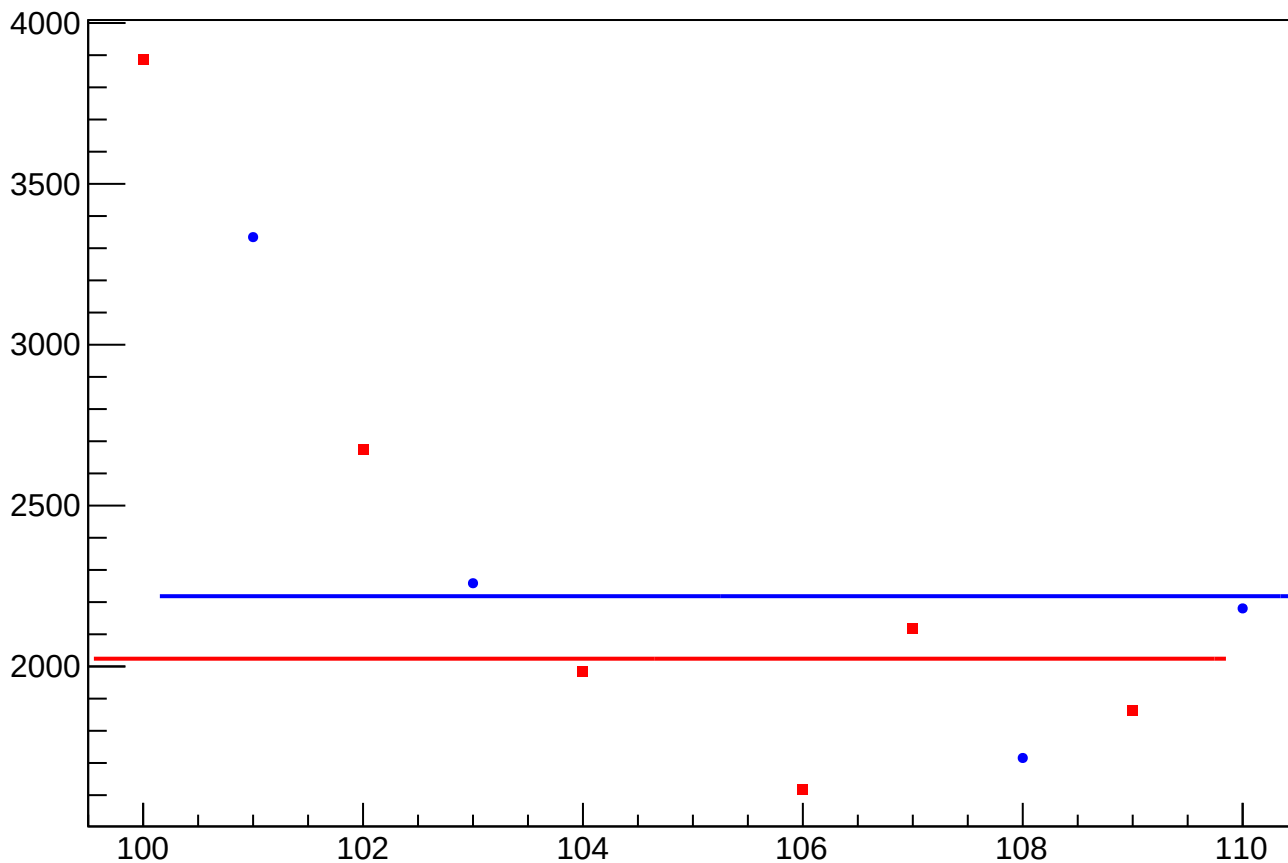
Right: 596.484+/-1052.594 χ^2/NDF : 14.4/9

In: 1069.867+/-1608.671 χ^2/NDF : 13.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 596.484+/-1052.594 χ^2/NDF : 14.4/9

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2218.400+/-1.137 χ^2/NDF : 215471.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2024.129+/-0.984 χ^2/NDF : 143287.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

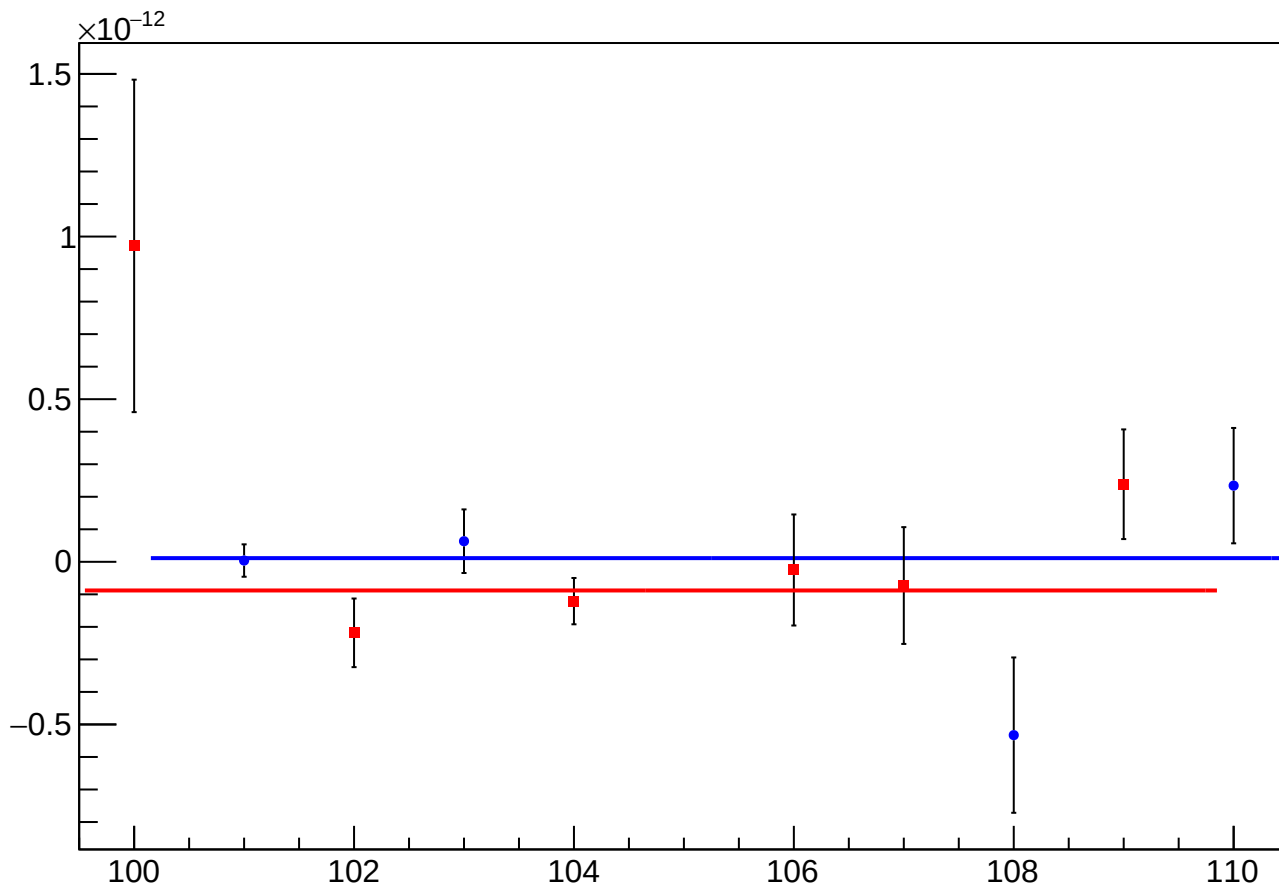
Right: 2107.301+/-0.744 χ^2/NDF : 375439.4/9

In: 2218.400+/-1.137 χ^2/NDF : 215471.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2107.301+/-0.744 χ^2/NDF : 375439.4/9

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

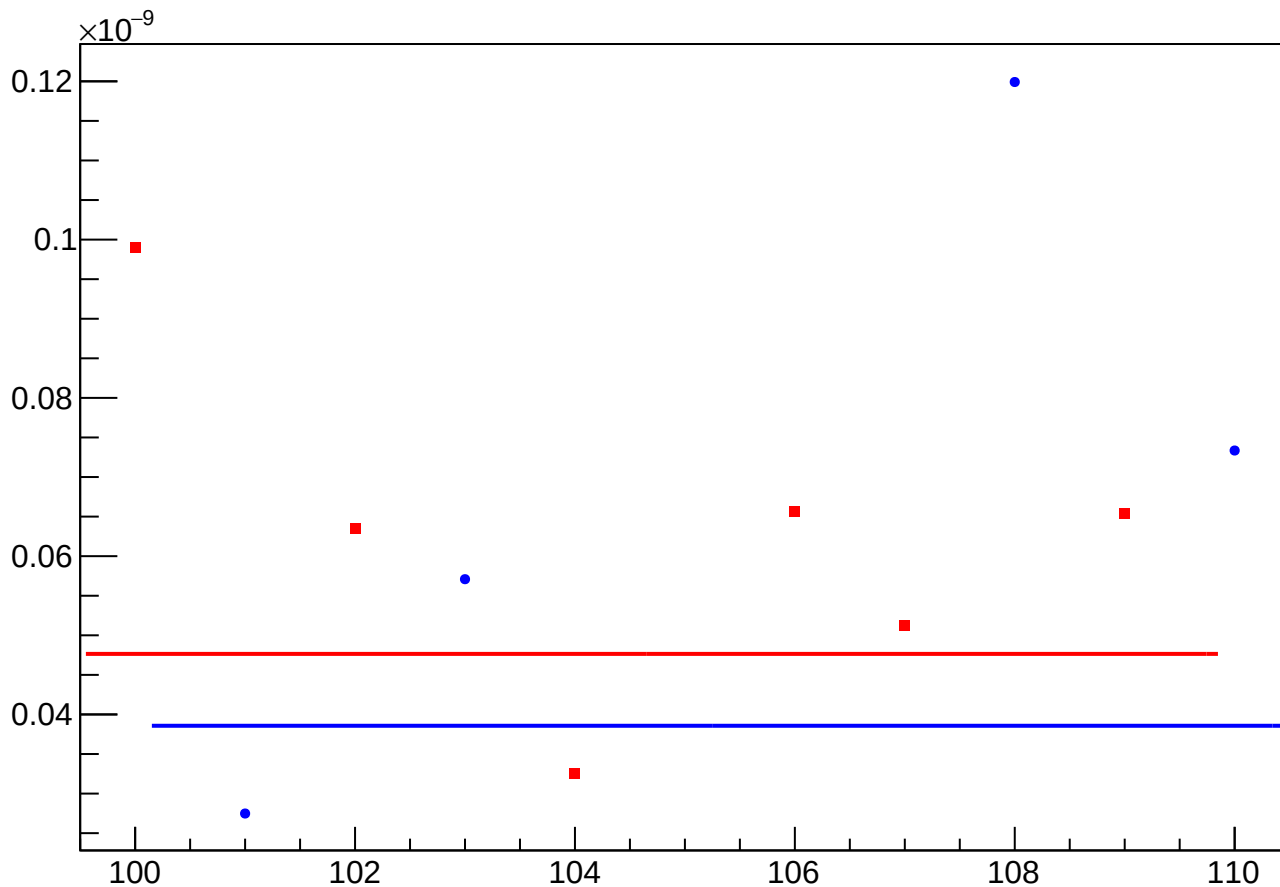
Right: -0.000+/-0.000 χ^2/NDF : 19.3/9

In: 0.000+/-0.000 χ^2/NDF : 7.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.3/9

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 479907.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 200141.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

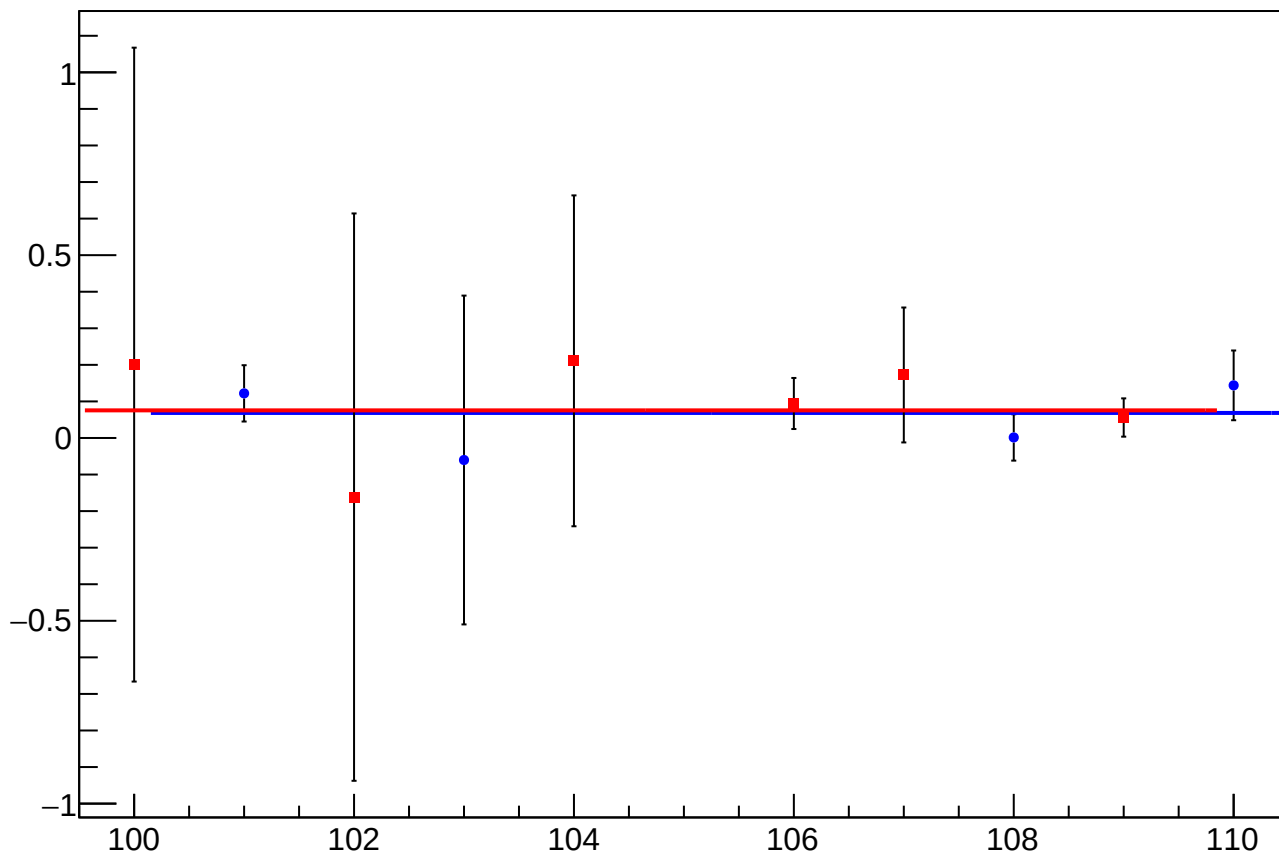
Right: 0.000+/-0.000 χ^2/NDF : 717971.0/9

In: 0.000+/-0.000 χ^2/NDF : 479907.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 717971.0/9

asym_atl_dd_atr_dd_dd_dit_vs_Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.043 χ^2 /NDF: 2.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.076 $\pm$ 0.041 χ^2 /NDF: 0.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

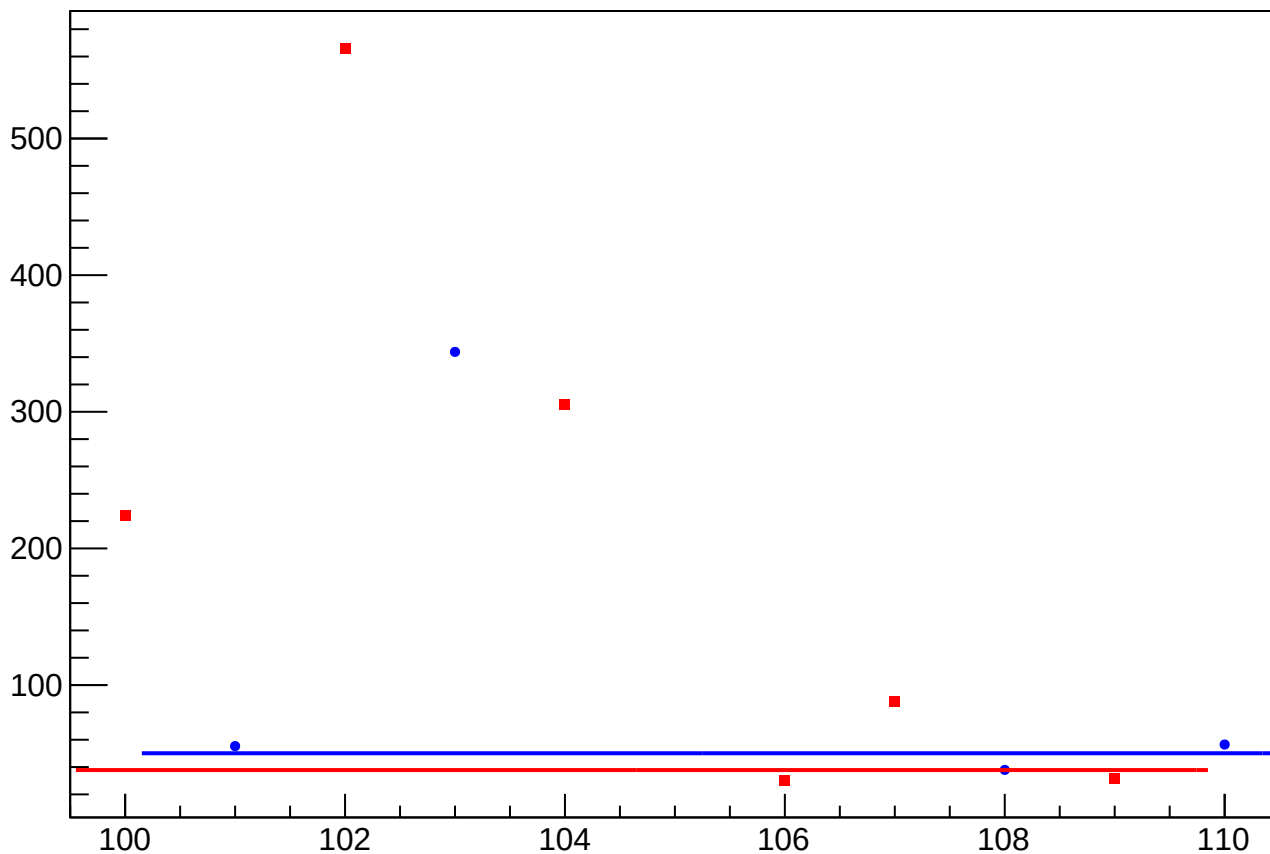
Right: 0.072 $\pm$ 0.030 χ^2 /NDF: 3.0/9

In: 0.068 $\pm$ 0.043 χ^2 /NDF:2.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.072 $\pm$ 0.030 χ^2 /NDF: 3.0/9

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.108+/-0.031 χ^2/NDF : 945585.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.802+/-0.029 χ^2/NDF : 1922219.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

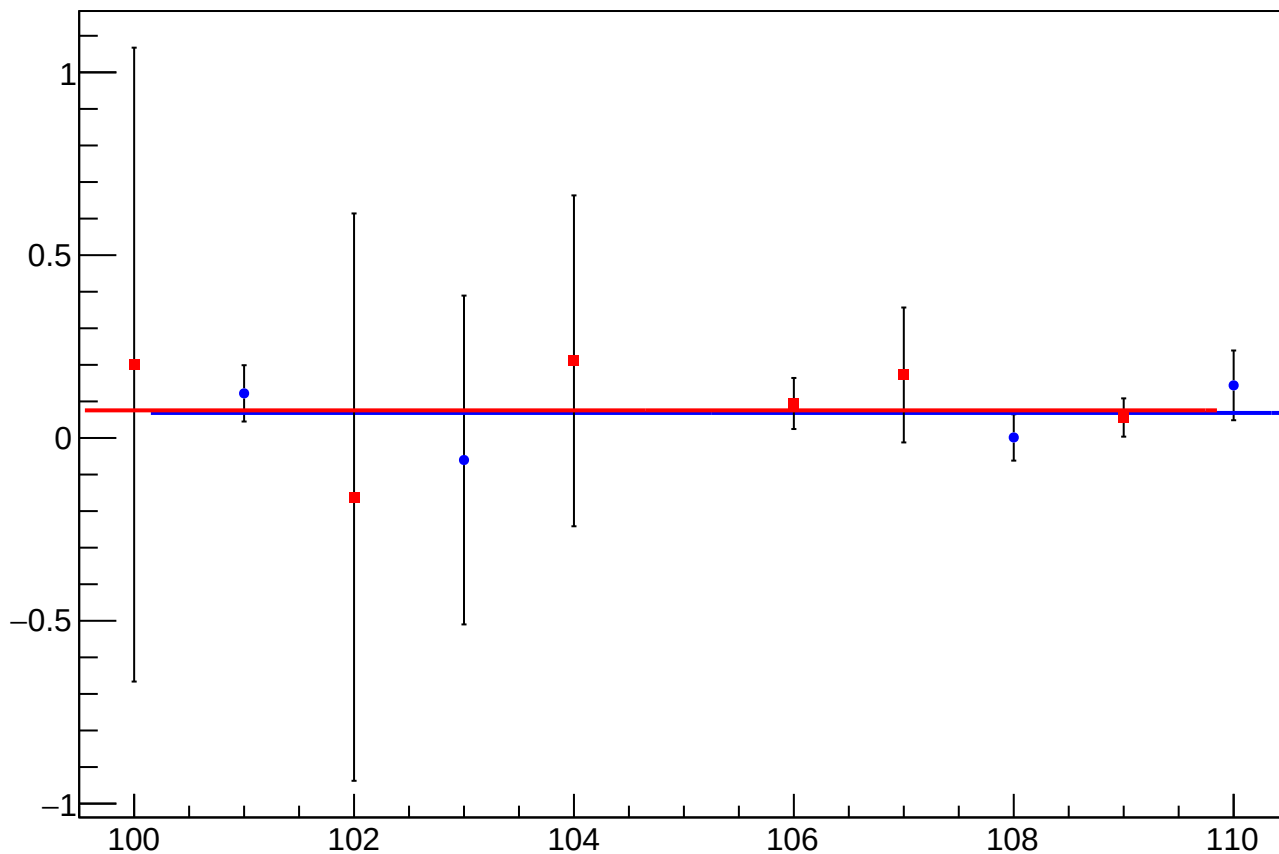
Right: 43.552+/-0.021 χ^2/NDF : 2953731.6/9

In: 50.108+/-0.031 χ^2/NDF : 945585.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.552+/-0.021 χ^2/NDF : 2953731.6/9

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.043 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.076+/-0.041 χ^2/NDF : 0.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

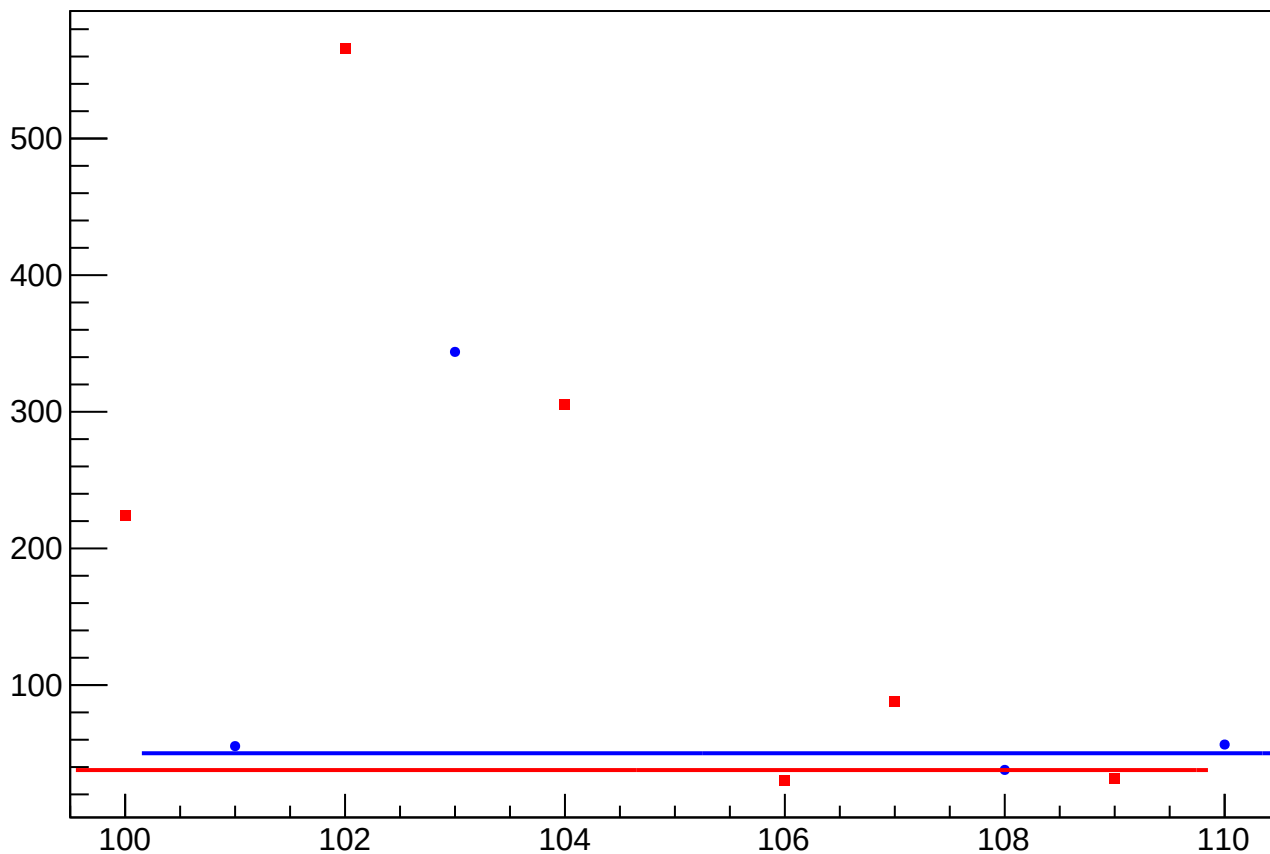
Right: 0.072+/-0.030 χ^2/NDF : 3.0/9

In: 0.068+/-0.043 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.030 χ^2/NDF : 3.0/9

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.108+/-0.031 χ^2/NDF : 945585.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.802+/-0.029 χ^2/NDF : 1922219.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

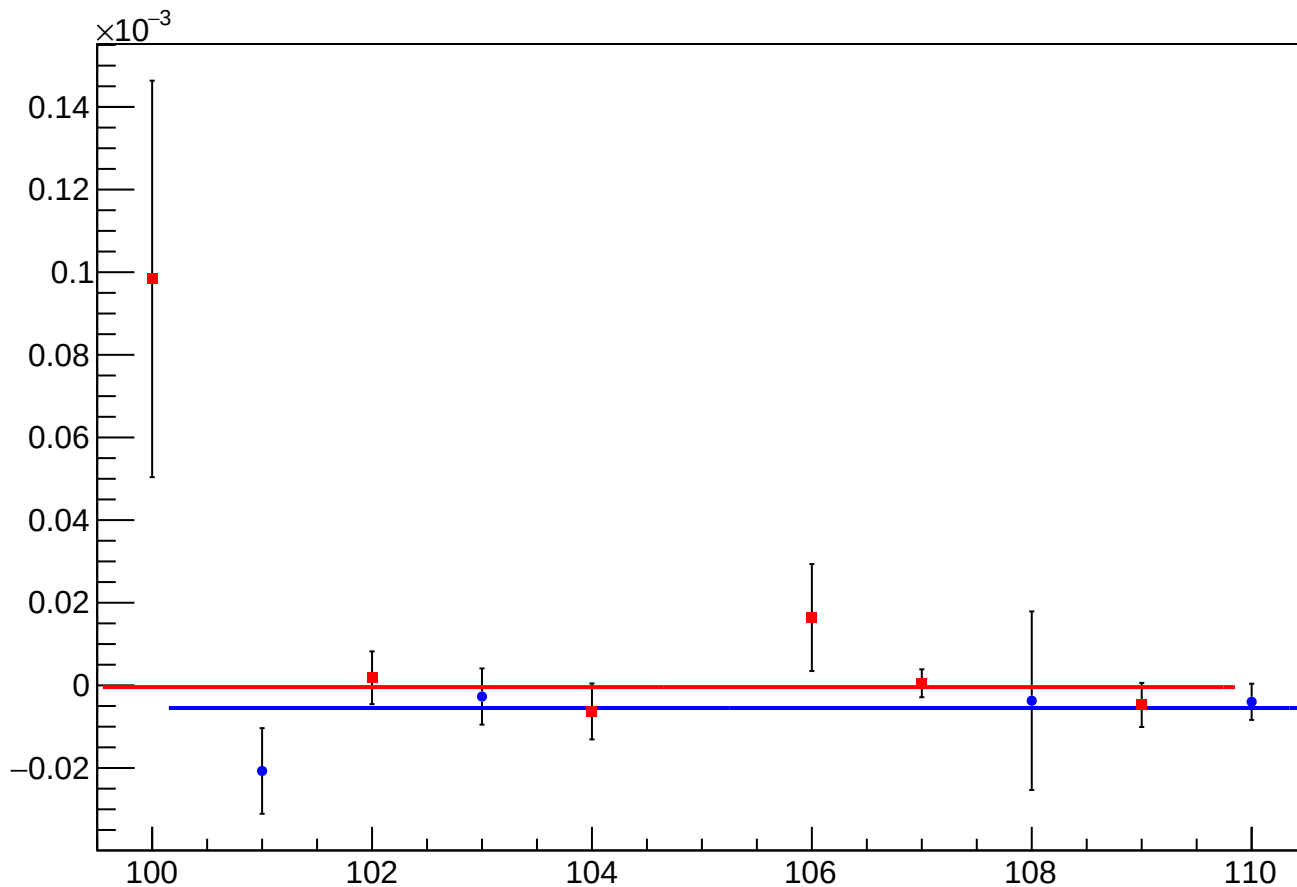
Right: 43.552+/-0.021 χ^2/NDF : 2953731.6/9

In: 50.108+/-0.031 χ^2/NDF : 945585.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.552+/-0.021 χ^2/NDF : 2953731.6/9

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

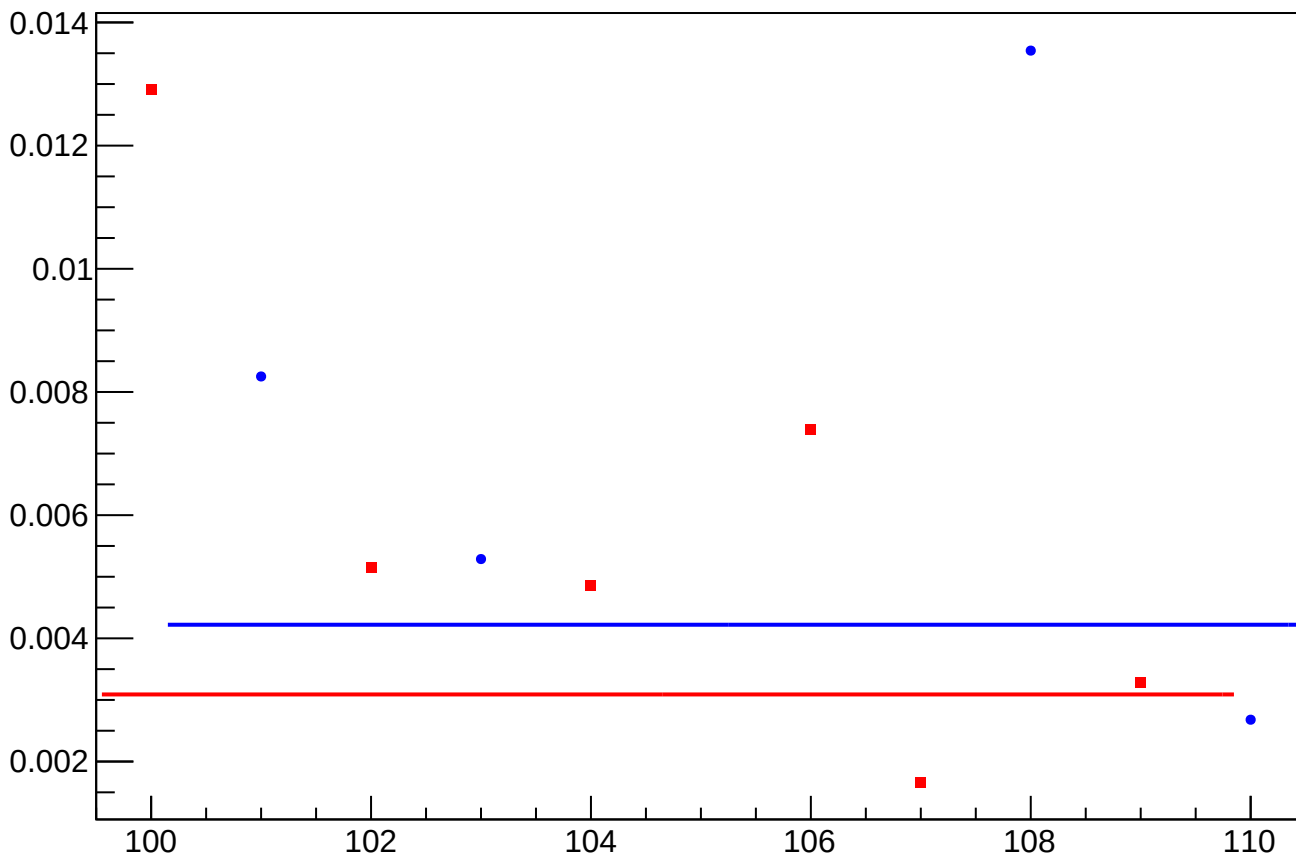
Right: -0.000+/-0.000 χ^2/NDF : 11.5/9

In: -0.000+/-0.000 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.5/9

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 972257.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1010000.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

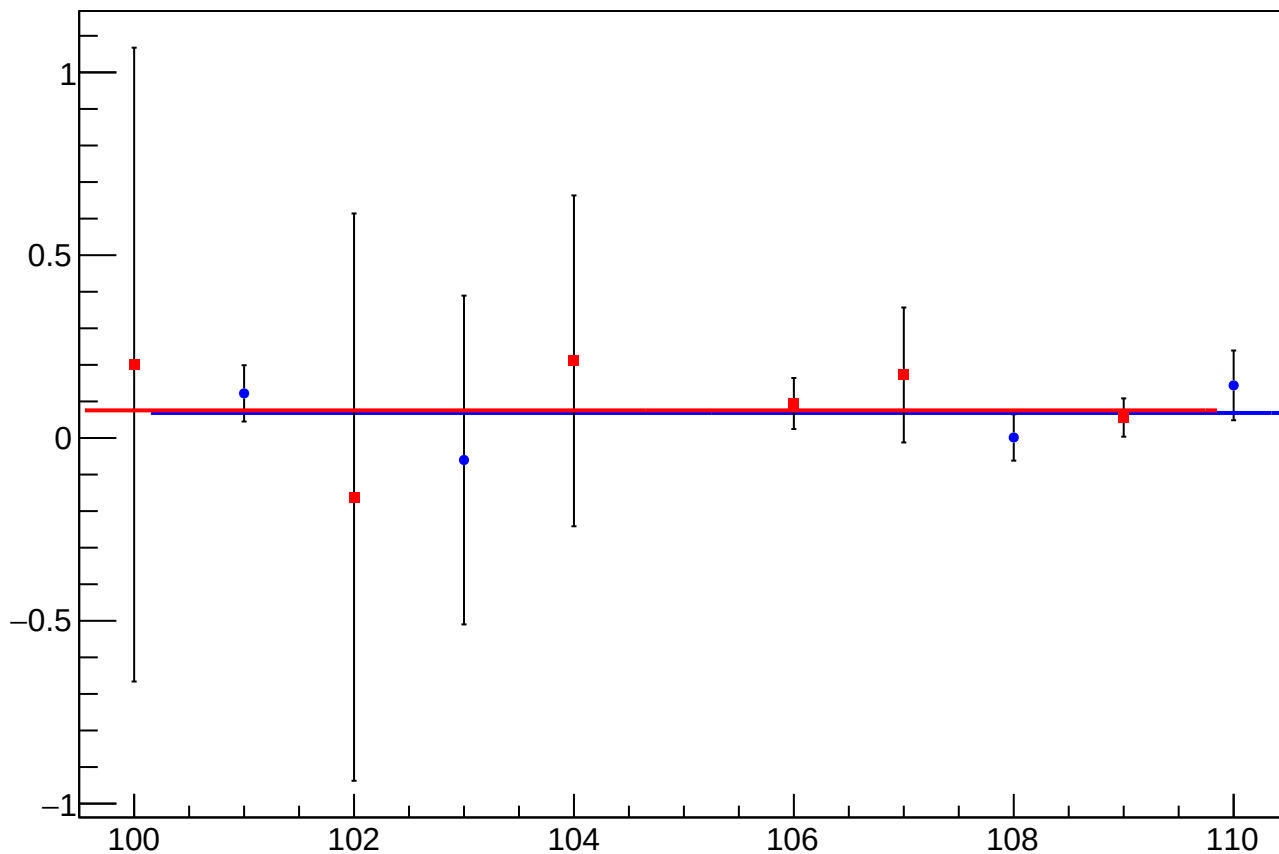
Right: 0.003+/-0.000 χ^2/NDF : 2129340.7/9

In: 0.004+/-0.000 χ^2/NDF :972257.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2129340.7/9

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.043 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.076+/-0.041 χ^2/NDF : 0.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

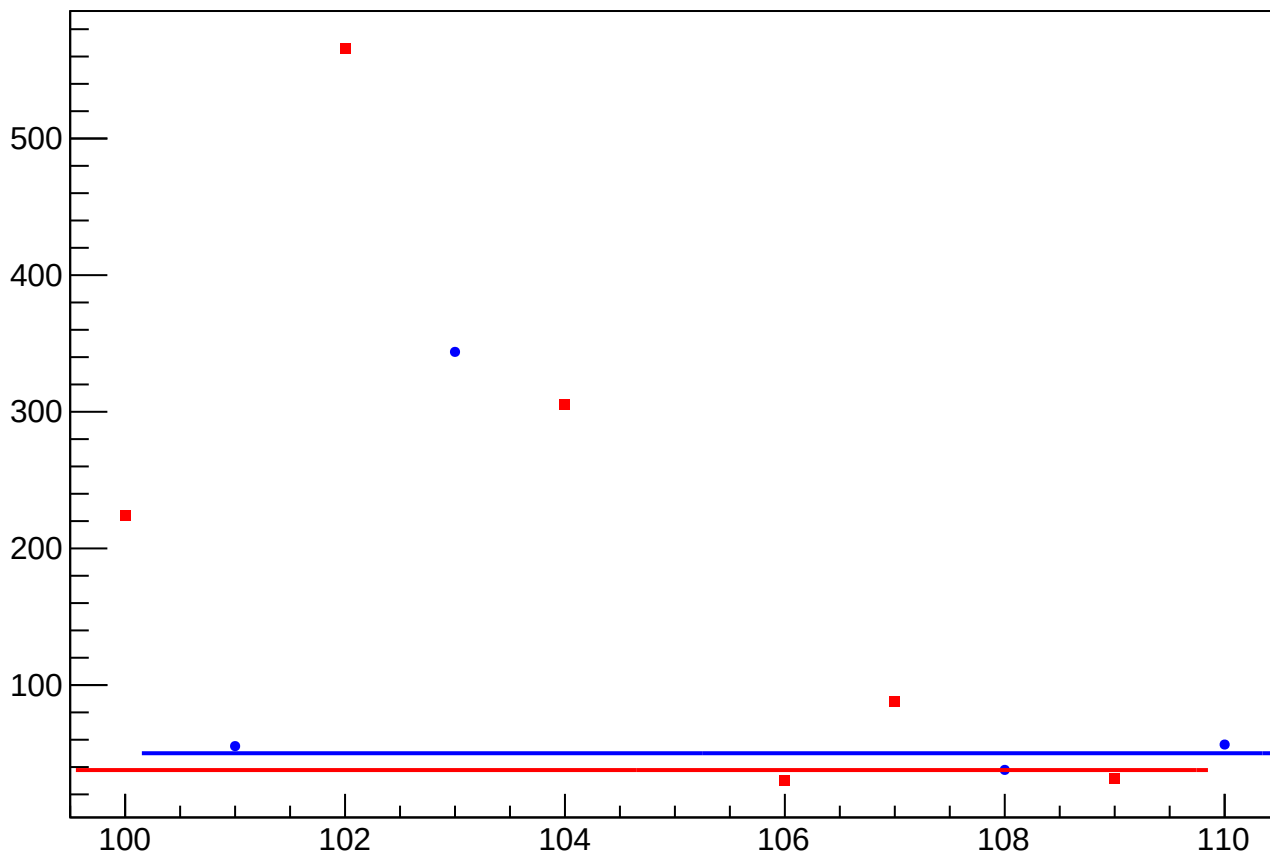
Right: 0.072+/-0.030 χ^2/NDF : 3.0/9

In: 0.068+/-0.043 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.030 χ^2/NDF : 3.0/9

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.114 $\pm$ 0.031 χ^2 /NDF: 945483.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.799 $\pm$ 0.029 χ^2 /NDF: 1922253.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

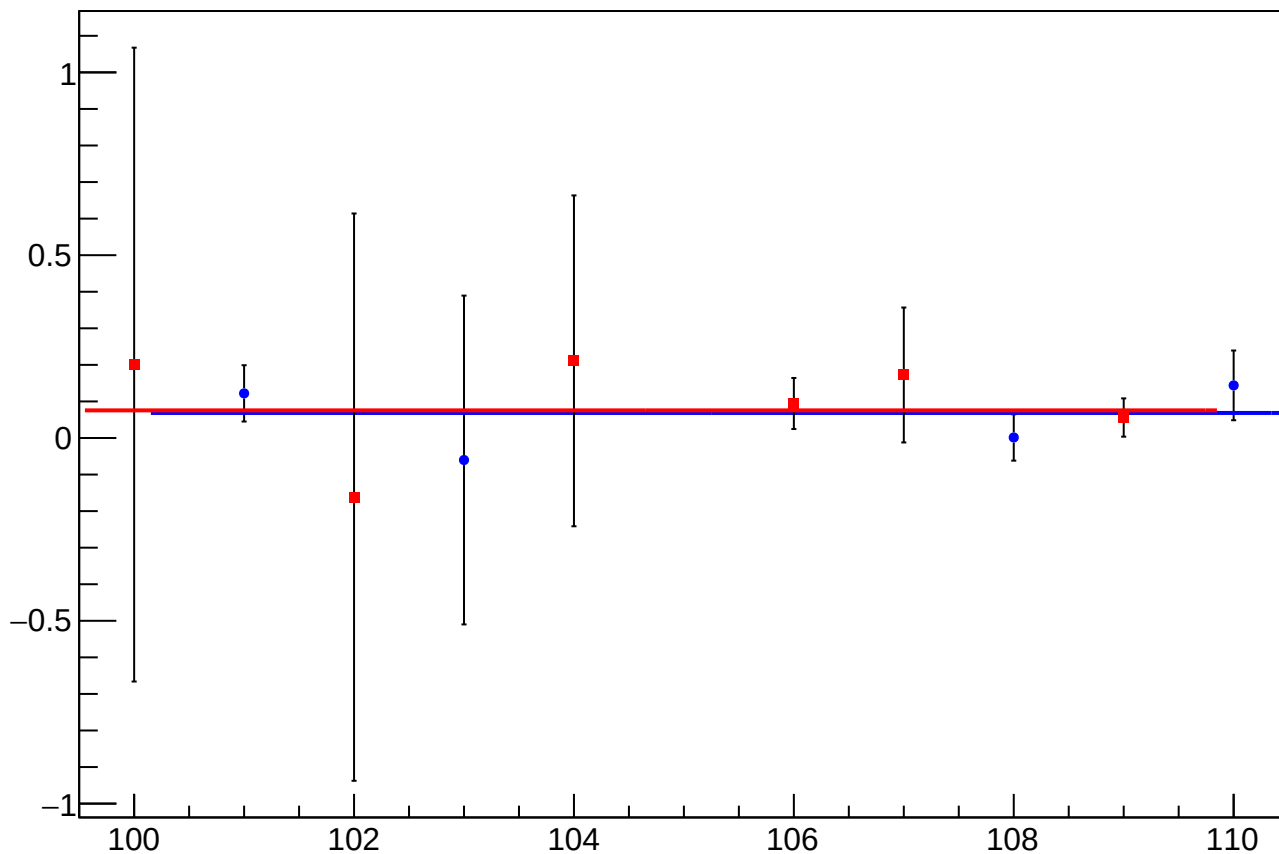
Right: 43.552 $\pm$ 0.021 χ^2 /NDF: 2953784.4/9

In: 50.114 $\pm$ 0.031 χ^2 /NDF:945483.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.552 $\pm$ 0.021 χ^2 /NDF: 2953784.4/9

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.043 χ^2 /NDF: 2.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.076 $\pm$ 0.041 χ^2 /NDF: 0.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

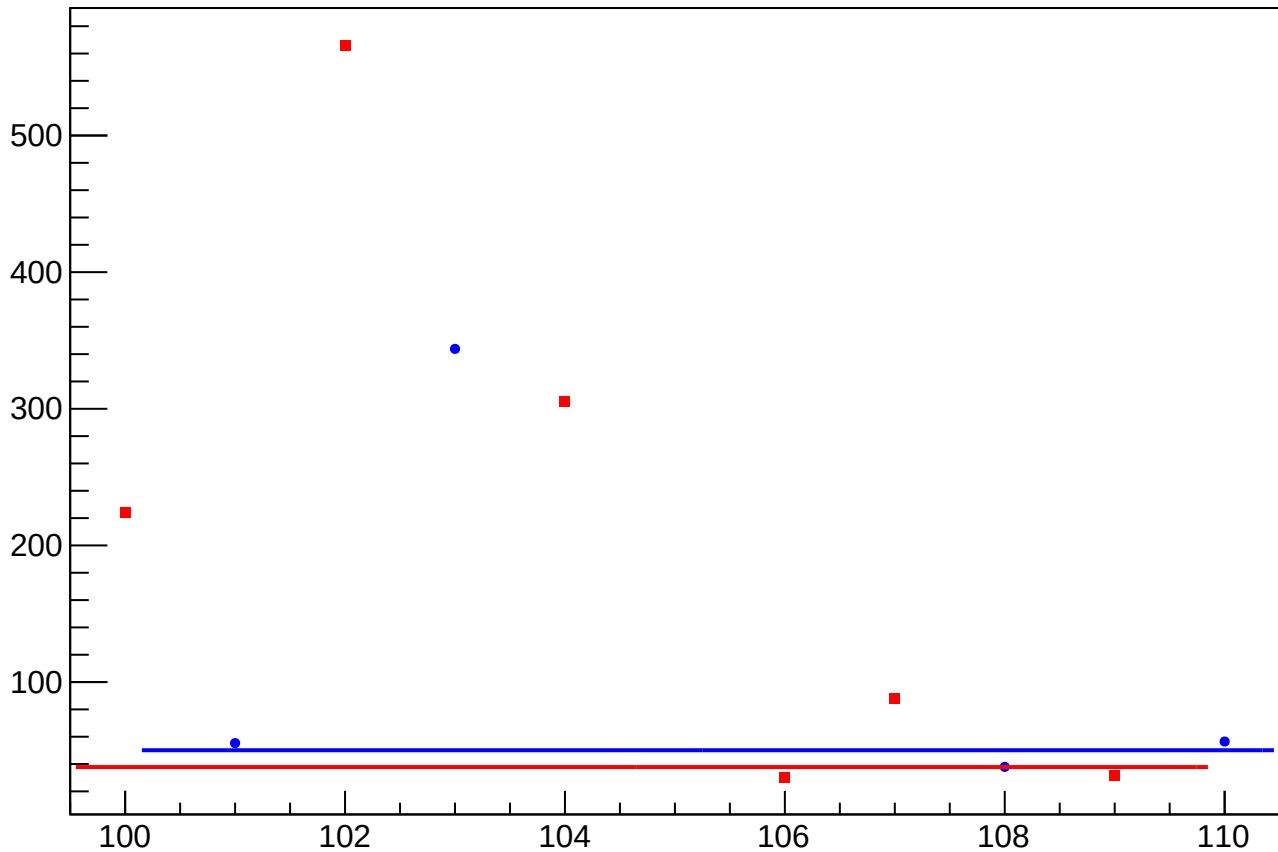
Right: 0.072 $\pm$ 0.030 χ^2 /NDF: 3.0/9

In: 0.068 $\pm$ 0.043 χ^2 /NDF:2.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.072 $\pm$ 0.030 χ^2 /NDF: 3.0/9

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.114+/-0.031 χ^2/NDF : 945483.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.799+/-0.029 χ^2/NDF : 1922253.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

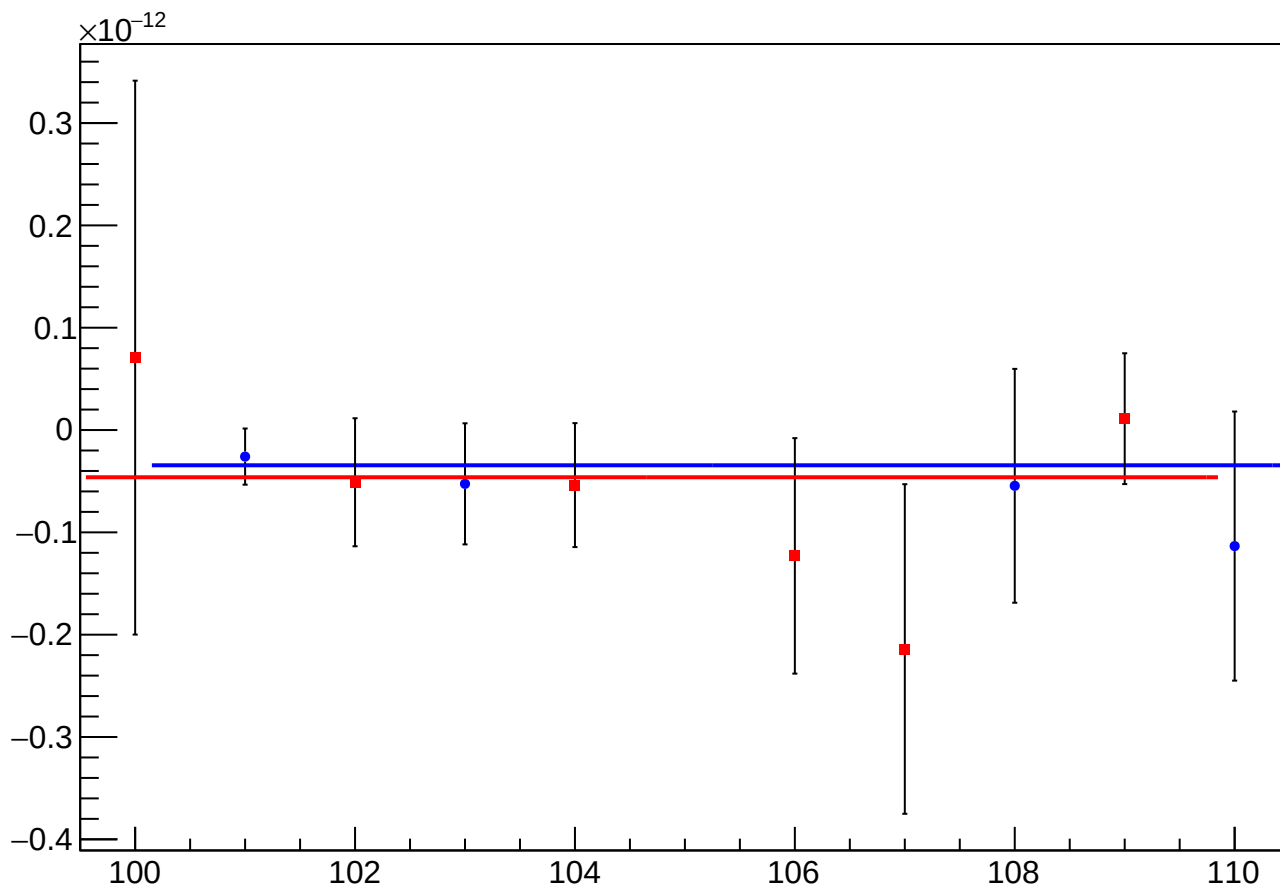
Right: 43.552+/-0.021 χ^2/NDF : 2953784.4/9

In: 50.114+/-0.031 χ^2/NDF : 945483.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.552+/-0.021 χ^2/NDF : 2953784.4/9

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

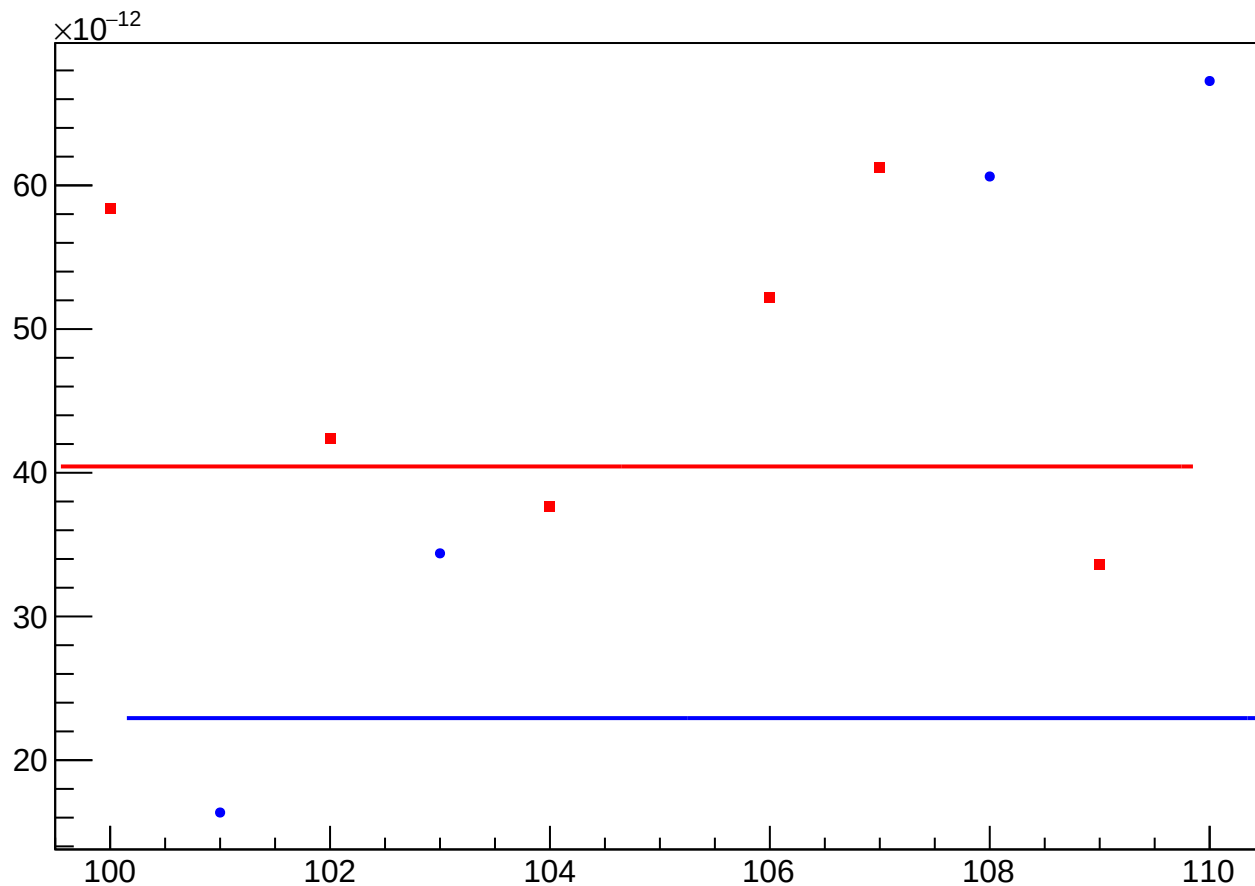
Right: -0.000+/-0.000 χ^2/NDF : 3.2/9

In: -0.000+/-0.000 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.2/9

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 634742.1/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 92080.7/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

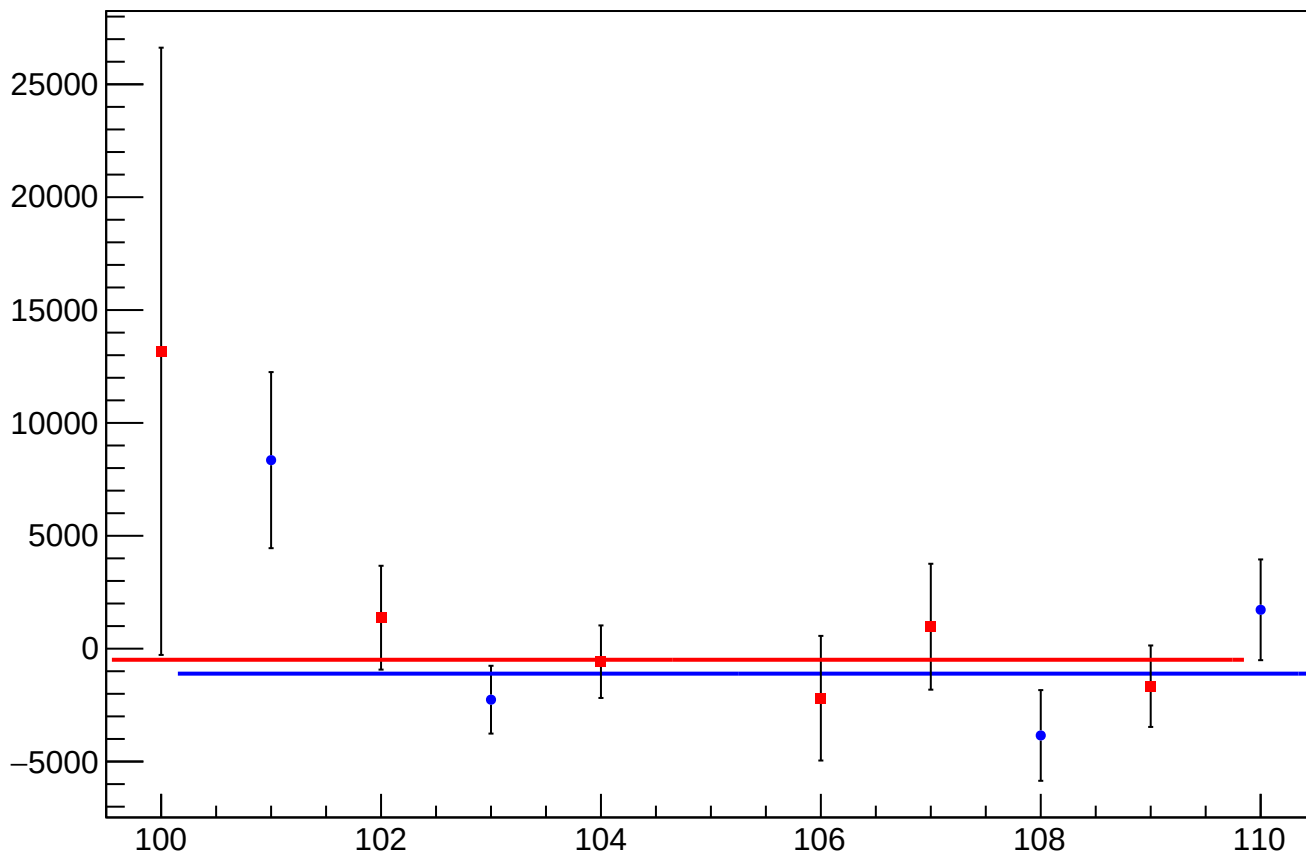
Right: 0.000+/-0.000 χ^2 /NDF: 1091438.6/9

In: 0.000+/-0.000 χ^2 /NDF:634742.1/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 1091438.6/9

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1106.572+/-1021.871 χ^2/NDF : 9.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -491.911+/-932.955 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

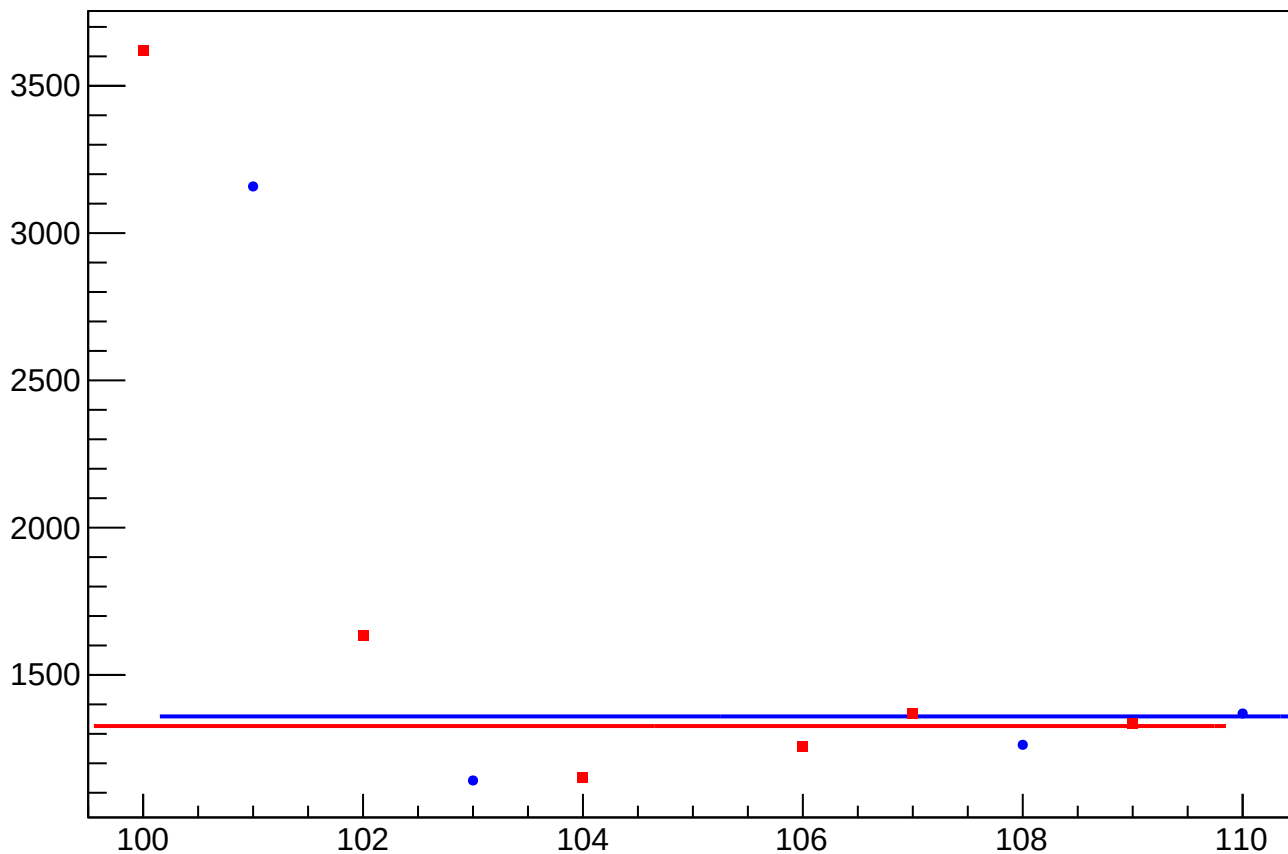
Right: -771.341+/-688.993 χ^2/NDF : 12.9/9

In: -1106.572+/-1021.871 χ^2/NDF : 9.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -771.341+/-688.993 χ^2/NDF : 12.9/9

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1359.139+/-0.723 χ^2/NDF : 472241.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.472+/-0.653 χ^2/NDF : 119815.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

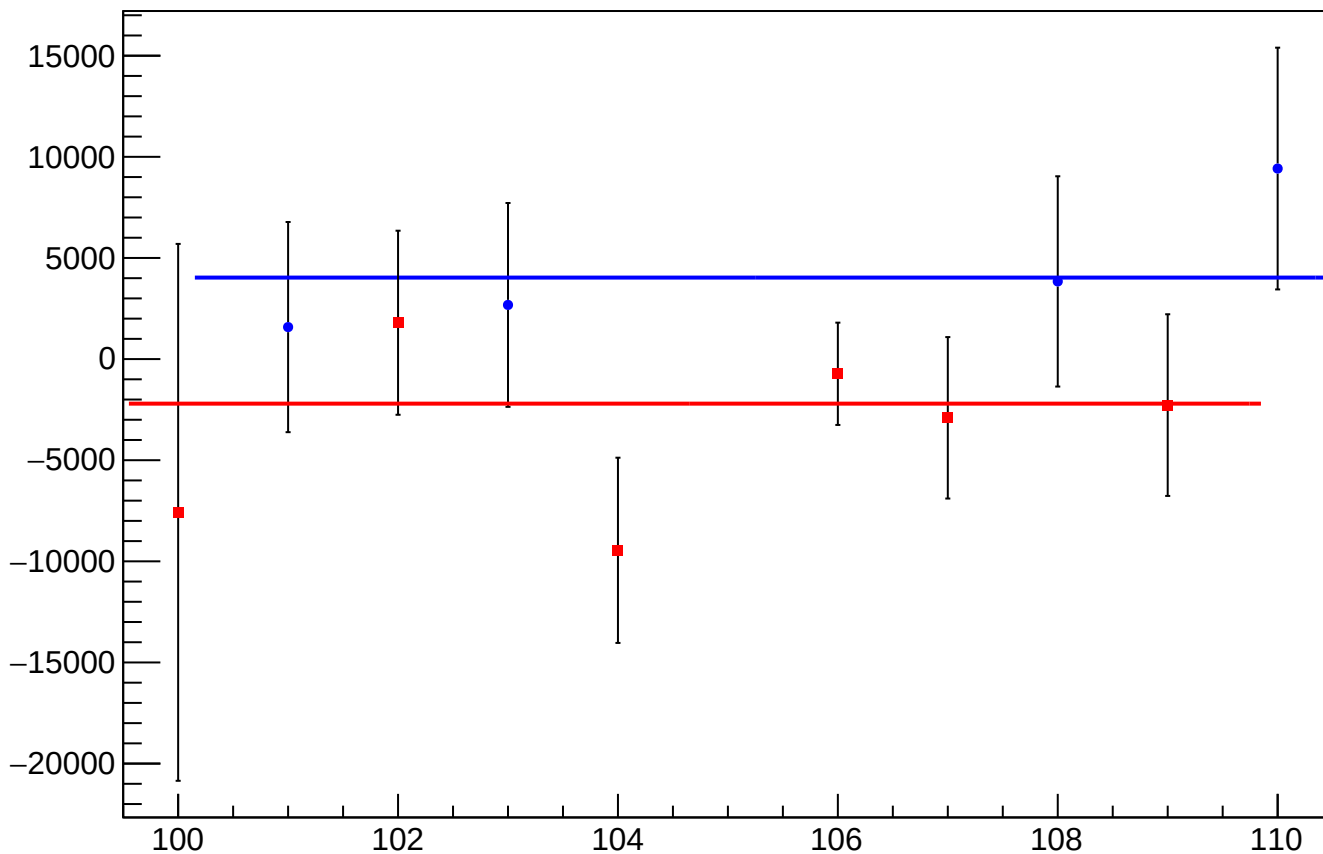
Right: 1341.168+/-0.485 χ^2/NDF : 593181.2/9

In: 1359.139+/-0.723 χ^2/NDF : 472241.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1341.168+/-0.485 χ^2/NDF : 593181.2/9

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 4029.666+/-2659.303 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2203.111+/-1643.179 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

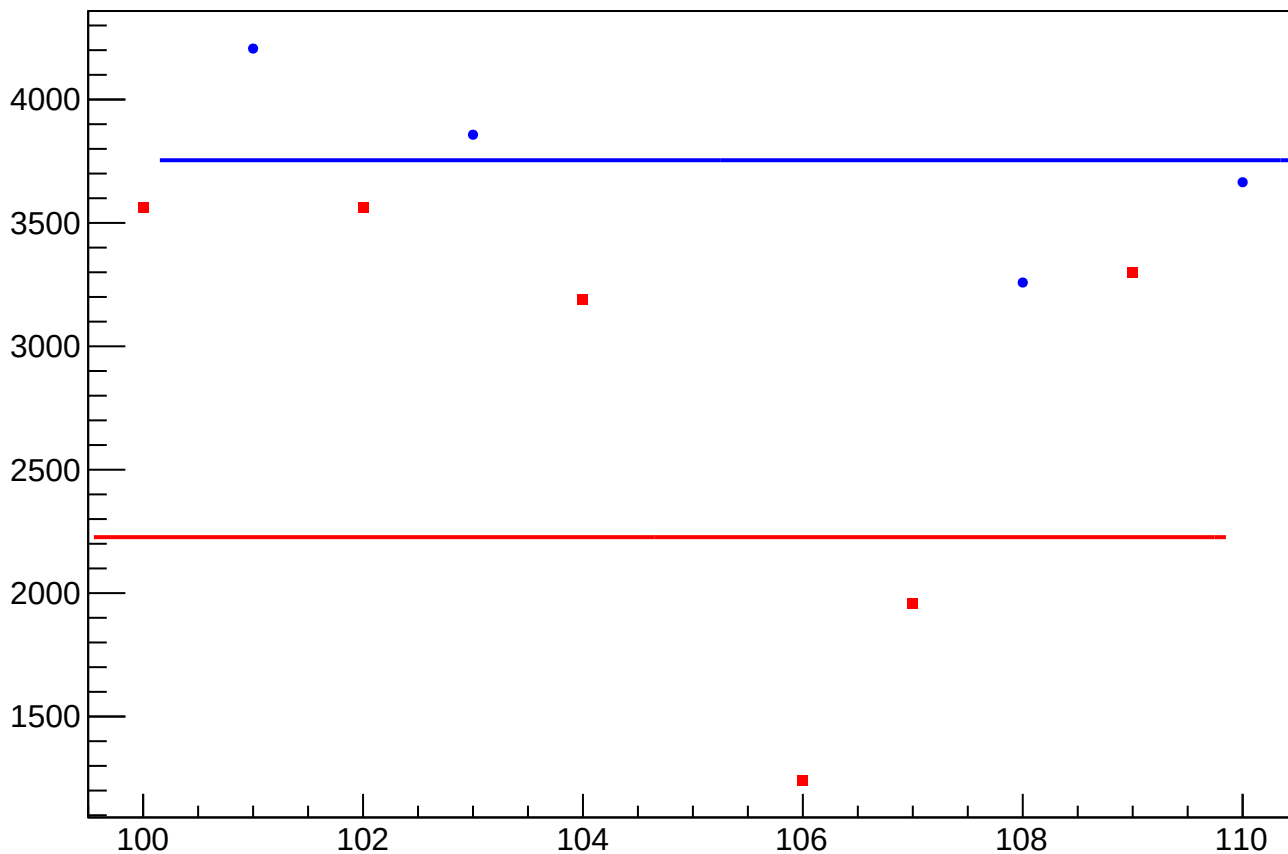
Right: -480.961+/-1397.857 χ^2/NDF : 8.9/9

In: 4029.666+/-2659.303 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -480.961+/-1397.857 χ^2/NDF : 8.9/9

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3753.972+/-1.880 χ^2/NDF : 34618.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2226.775+/-1.162 χ^2/NDF : 707505.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

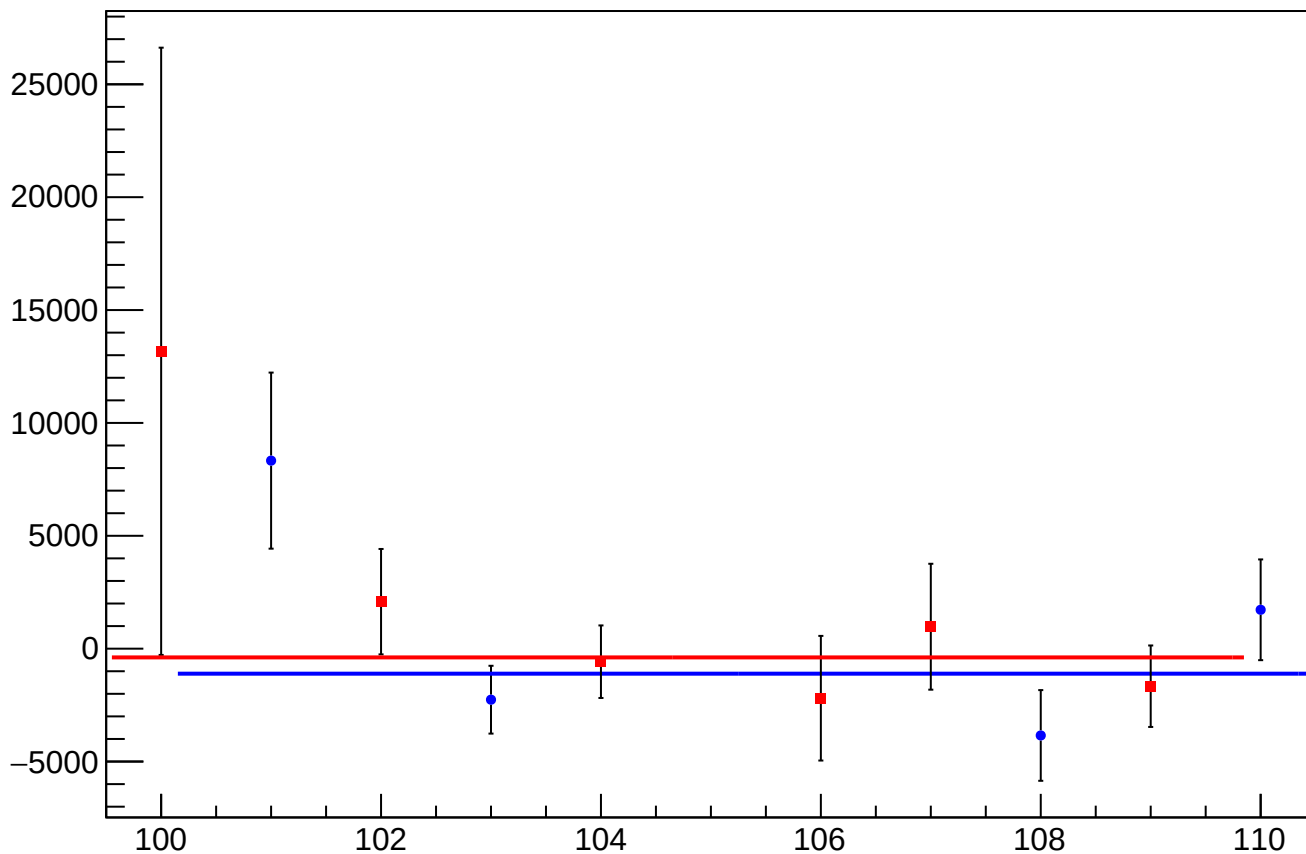
Right: 2648.748+/-0.988 χ^2/NDF : 1219476.6/9

In: 3753.972+/-1.880 χ^2/NDF : 34618.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2648.748+/-0.988 χ^2/NDF : 1219476.6/9

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1107.976+/-1021.872 χ^2/NDF : 9.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -387.255+/-935.226 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

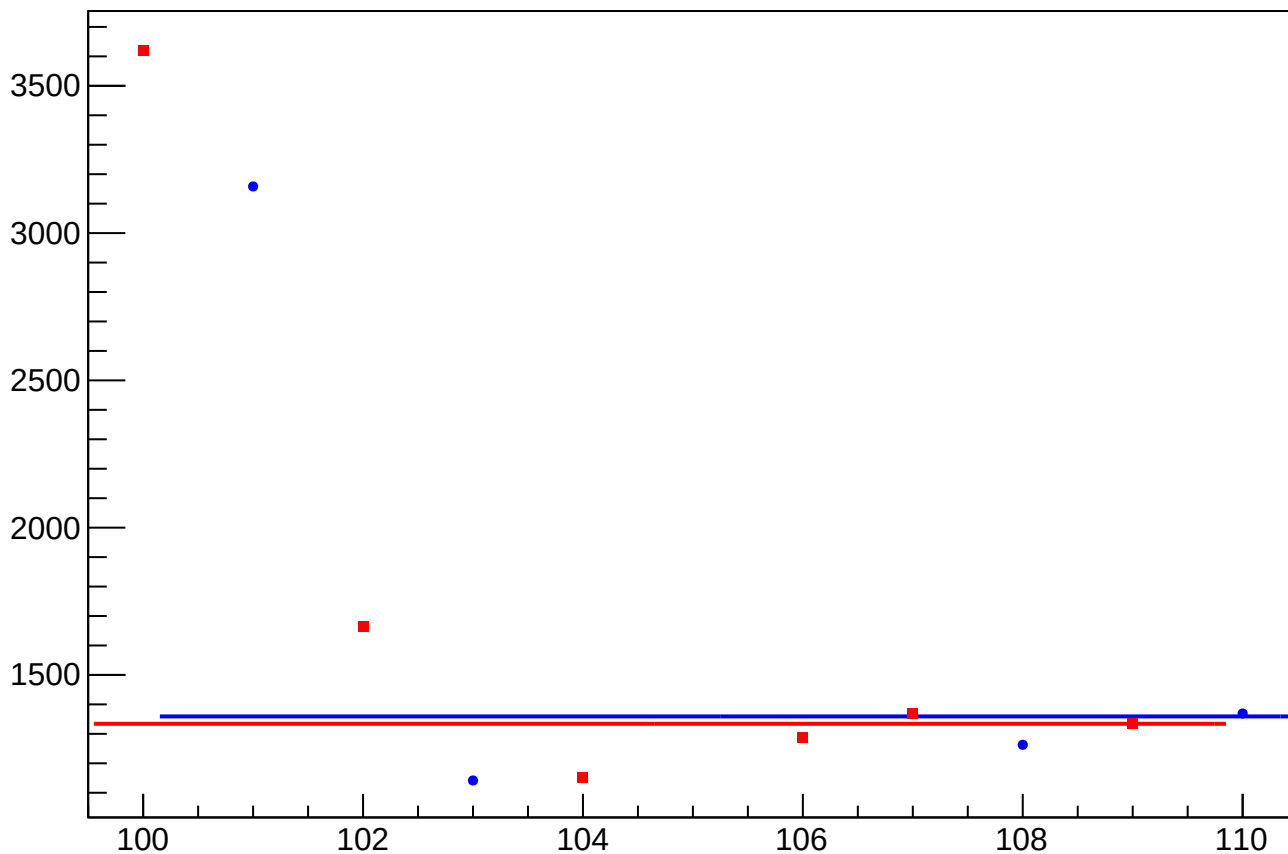
Right: -715.770+/-689.907 χ^2/NDF : 13.5/9

In: -1107.976+/-1021.872 χ^2/NDF : 9.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -715.770+/-689.907 χ^2/NDF : 13.5/9

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1359.138+/-0.723 χ^2/NDF : 472243.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.137+/-0.657 χ^2/NDF : 125276.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

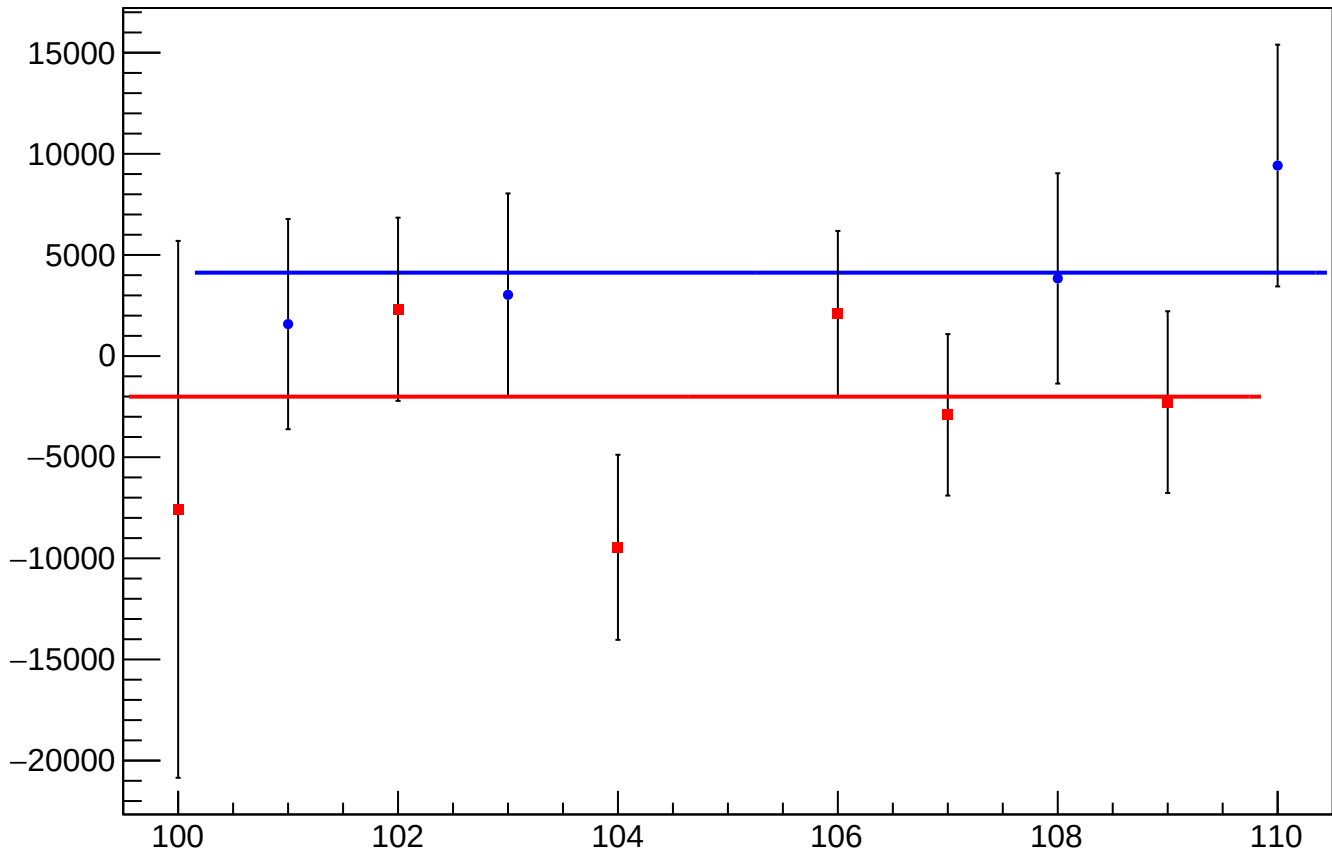
Right: 1345.449+/-0.486 χ^2/NDF : 598175.4/9

In: 1359.138+/-0.723 χ^2/NDF : 472243.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.449+/-0.486 χ^2/NDF : 598175.4/9

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 4124.476+/-2655.640 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2005.532+/-1908.465 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

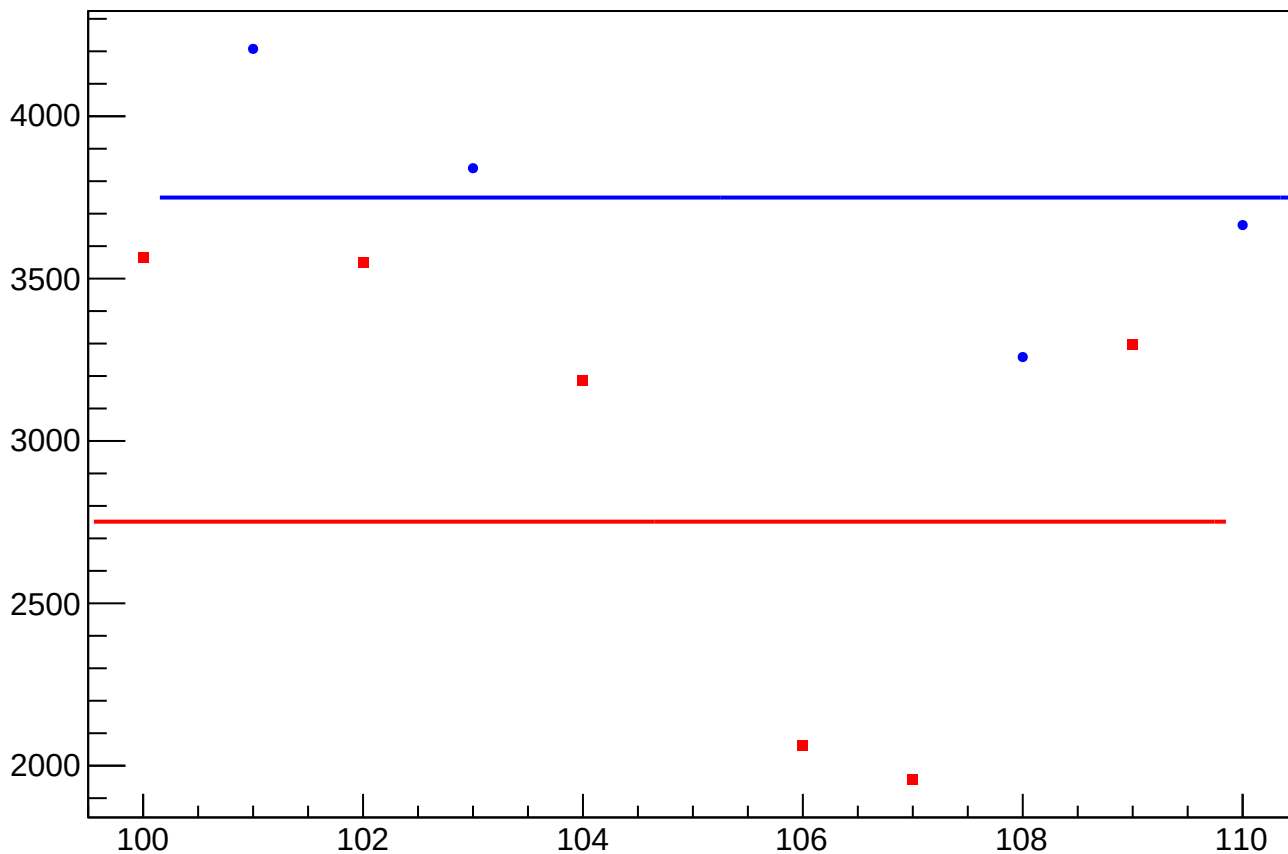
Right: 82.140+/-1549.779 χ^2/NDF : 9.4/9

In: 4124.476+/-2655.640 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.140+/-1549.779 χ^2/NDF : 9.4/9

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3749.637+/-1.878 χ^2/NDF : 34428.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2751.513+/-1.349 χ^2/NDF : 253868.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

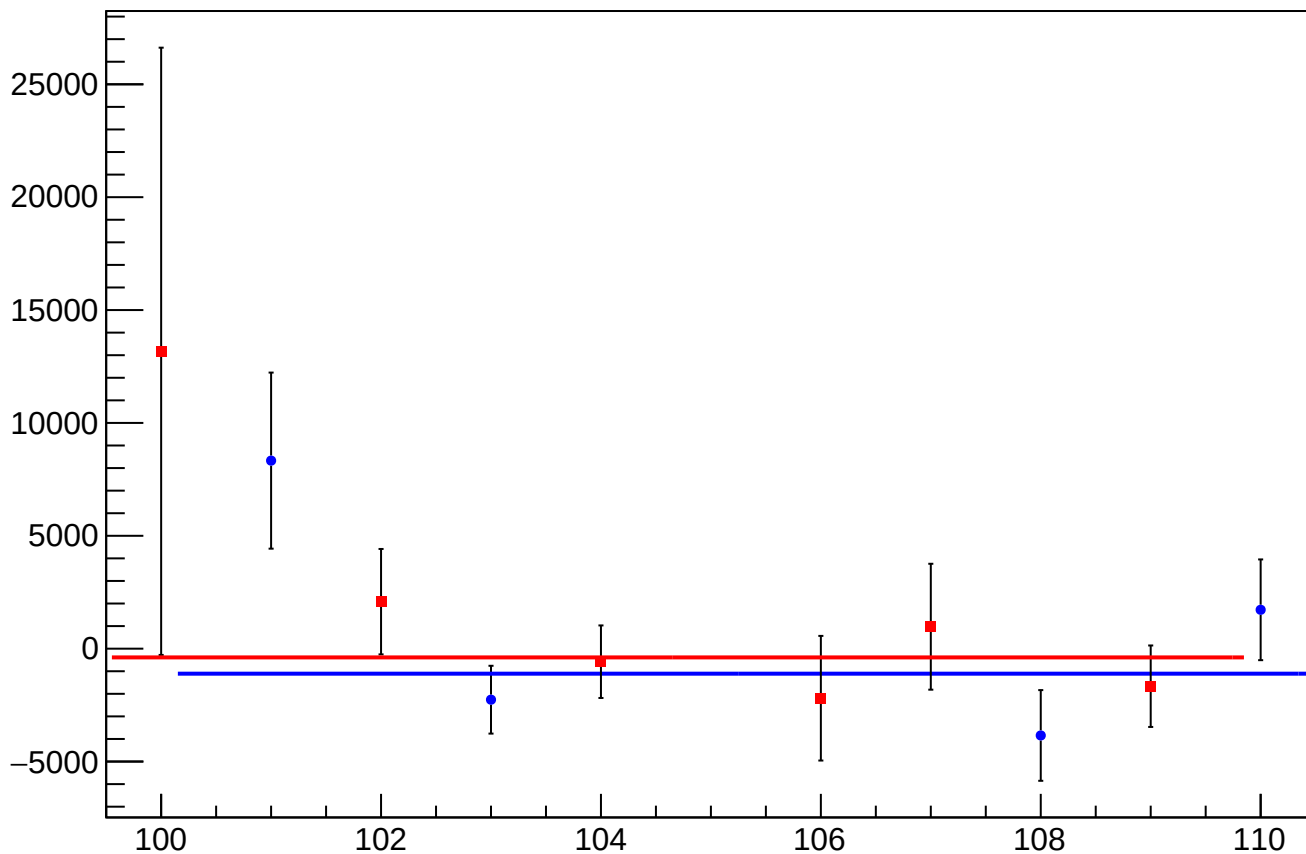
Right: 3091.440+/-1.096 χ^2/NDF : 474605.3/9

In: 3749.637+/-1.878 χ^2/NDF : 34428.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3091.440+/-1.096 χ^2/NDF : 474605.3/9

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1107.976+/-1021.872 χ^2/NDF : 9.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -387.255+/-935.226 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

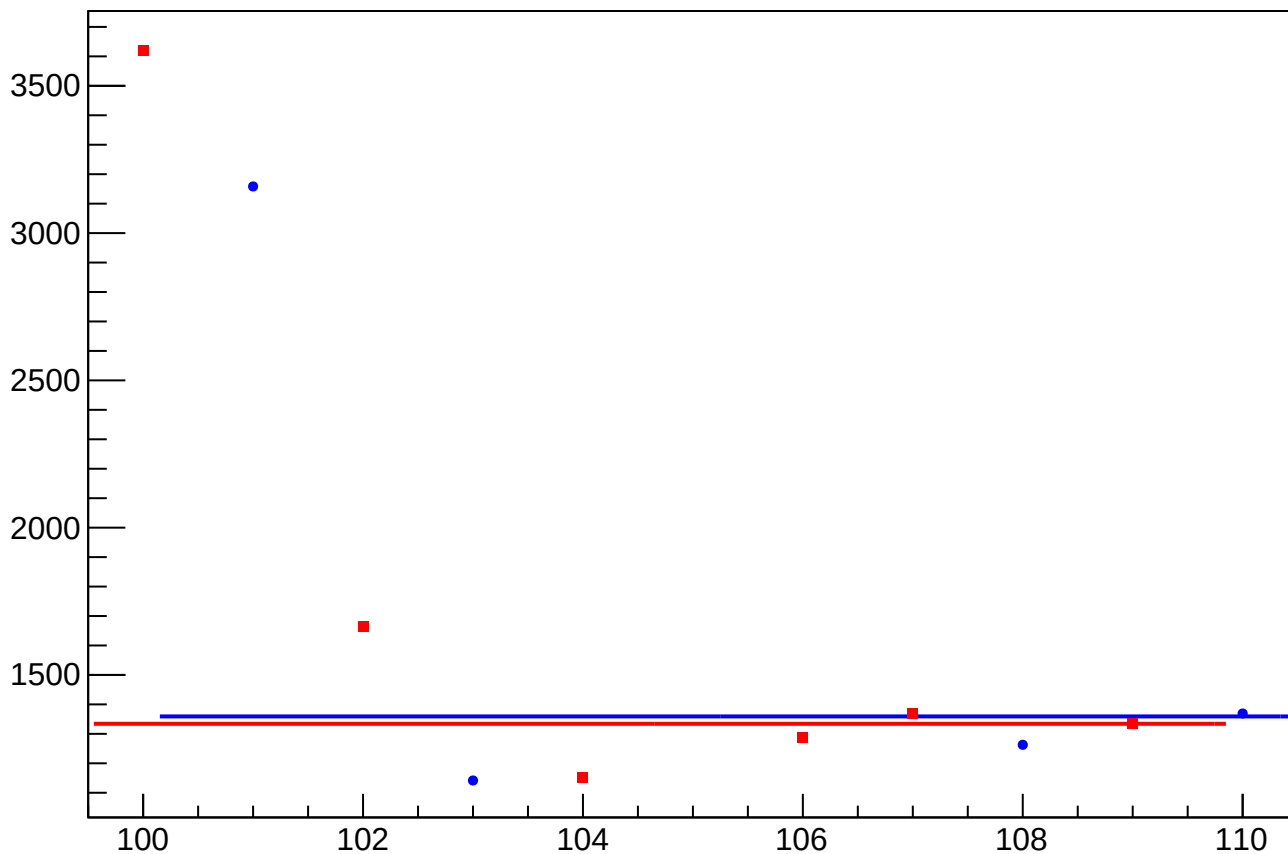
Right: -715.770+/-689.907 χ^2/NDF : 13.5/9

In: -1107.976+/-1021.872 χ^2/NDF : 9.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -715.770+/-689.907 χ^2/NDF : 13.5/9

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1359.138+/-0.723 χ^2/NDF : 472243.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.137+/-0.657 χ^2/NDF : 125276.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

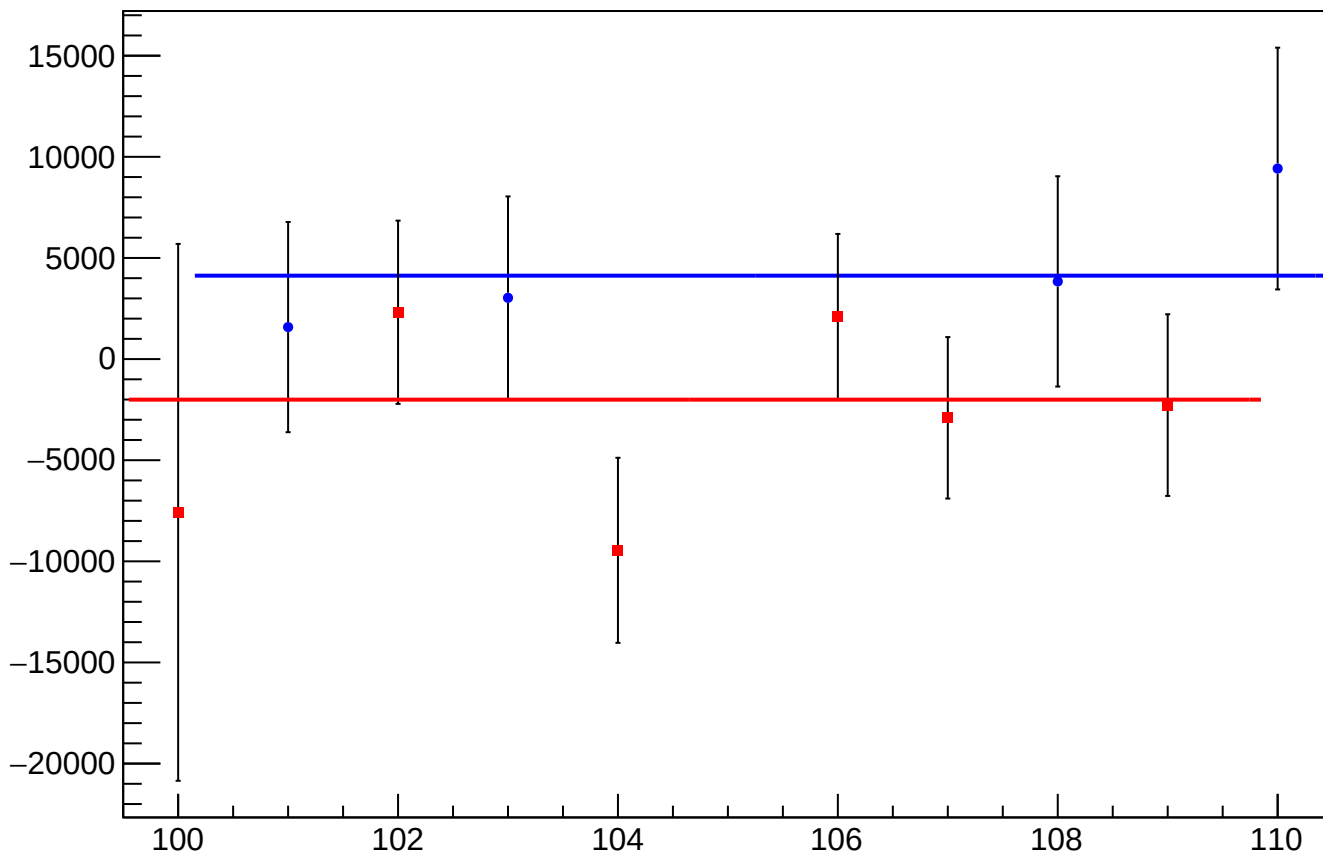
Right: 1345.449+/-0.486 χ^2/NDF : 598175.4/9

In: 1359.138+/-0.723 χ^2/NDF : 472243.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.449+/-0.486 χ^2/NDF : 598175.4/9

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 4124.476 $\pm$ 2655.640 χ^2 /NDF: 1.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2005.532 $\pm$ 1908.465 χ^2 /NDF: 4.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

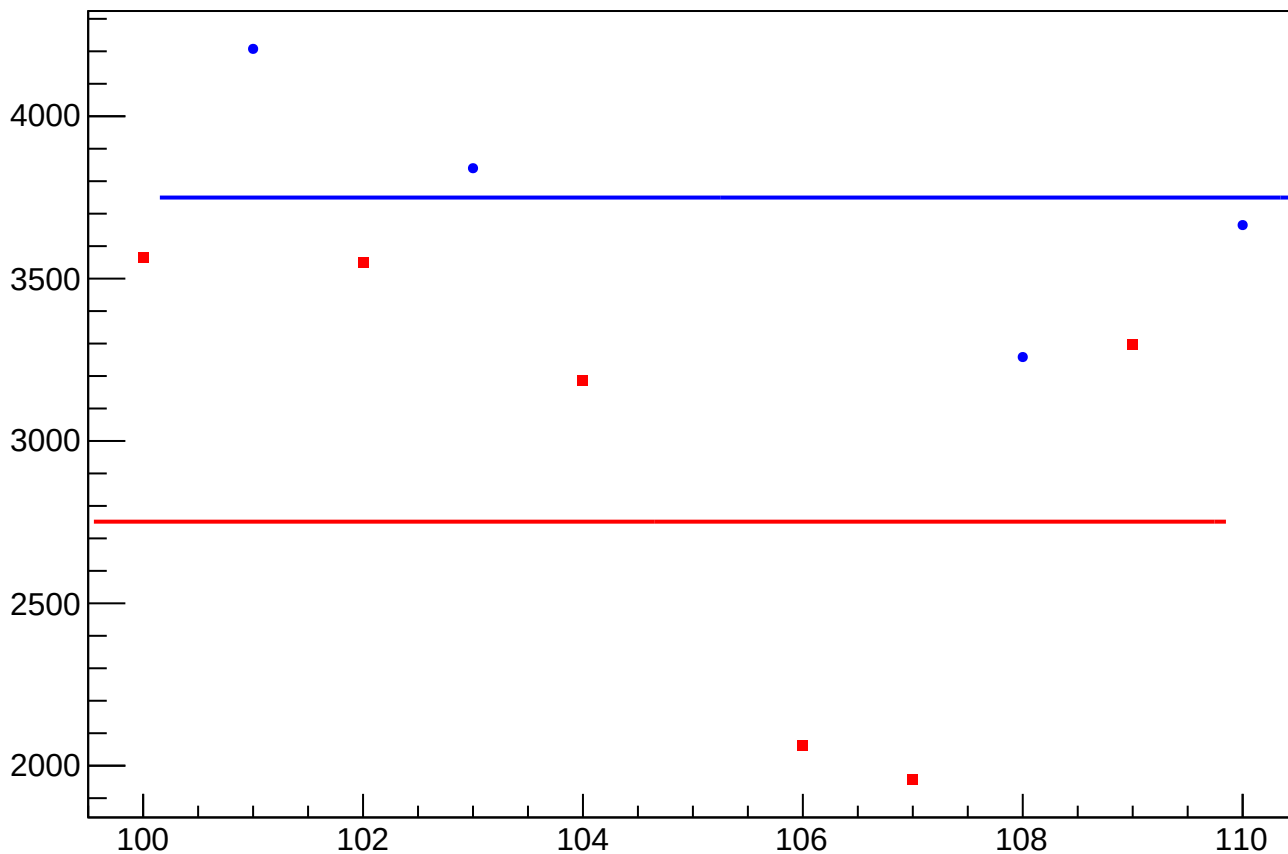
Right: 82.140 $\pm$ 1549.779 χ^2 /NDF: 9.4/9

In: 4124.476 $\pm$ 2655.640 χ^2 /NDF:1.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 82.140 $\pm$ 1549.779 χ^2 /NDF: 9.4/9

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3749.637+/-1.878 χ^2/NDF : 34428.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2751.513+/-1.349 χ^2/NDF : 253868.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

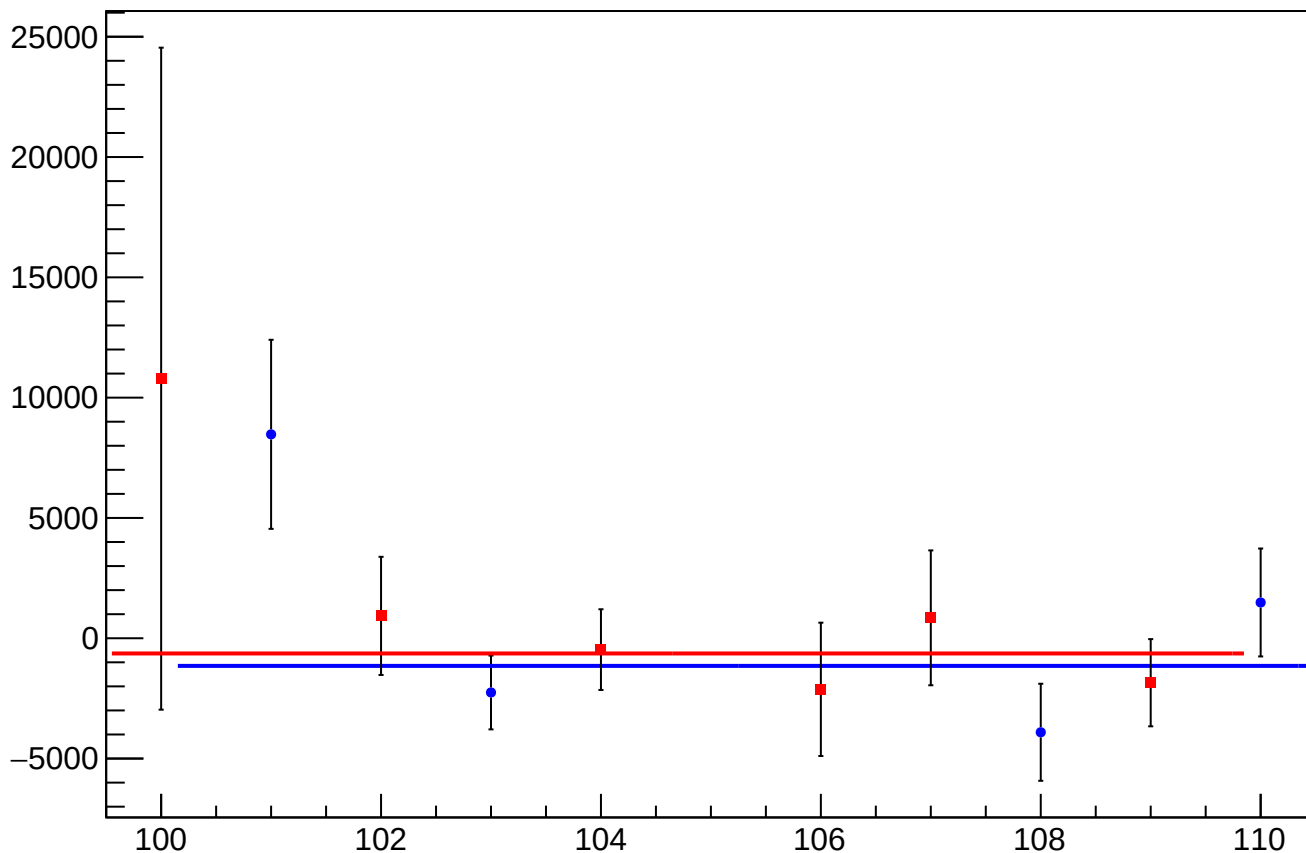
Right: 3091.440+/-1.096 χ^2/NDF : 474605.3/9

In: 3749.637+/-1.878 χ^2/NDF : 34428.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3091.440+/-1.096 χ^2/NDF : 474605.3/9

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1148.663+/-1034.623 χ^2/NDF : 9.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -631.990+/-958.419 χ^2/NDF : 2.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

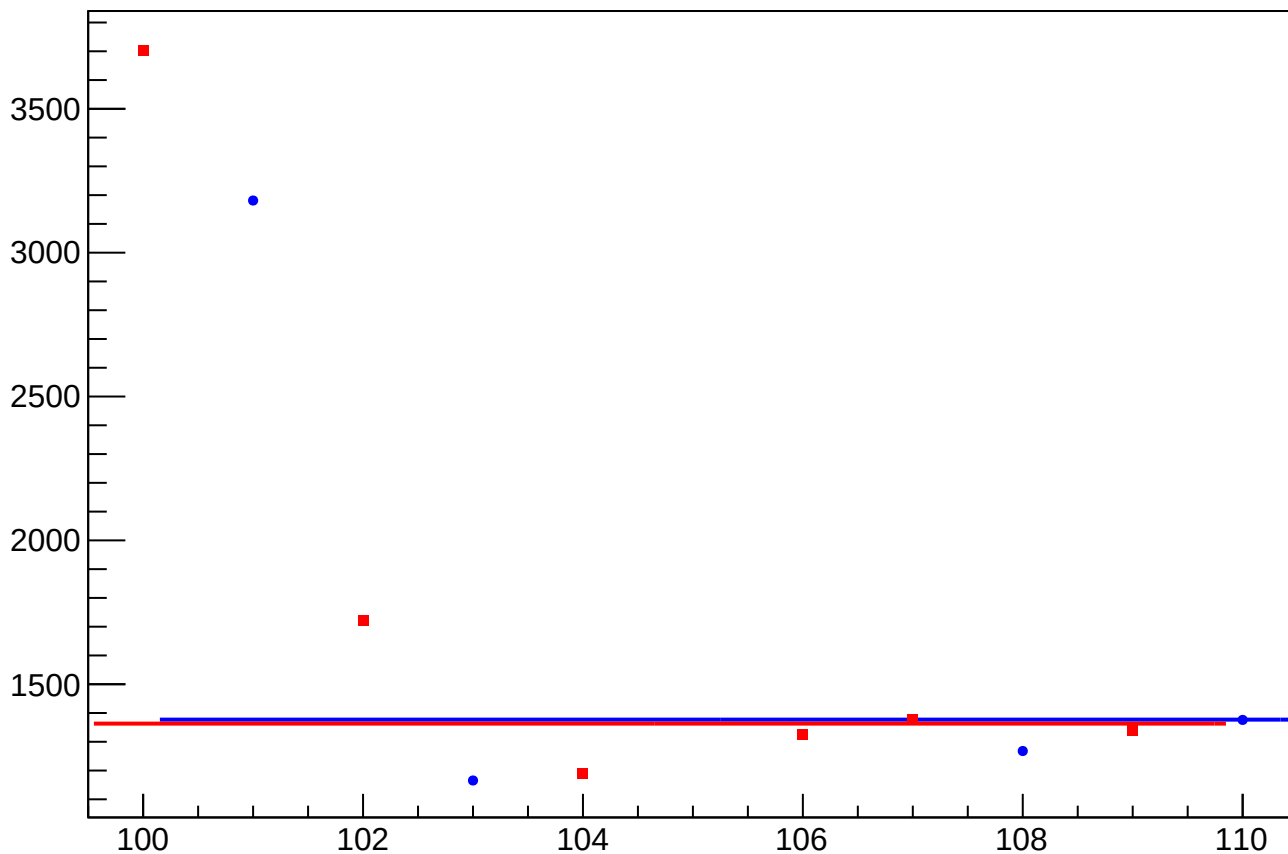
Right: -870.601+/-703.103 χ^2/NDF : 12.0/9

In: -1148.663+/-1034.623 χ^2/NDF : 9.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -870.601+/-703.103 χ^2/NDF : 12.0/9

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1376.966+/-0.732 χ^2/NDF : 465616.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1363.109+/-0.676 χ^2/NDF : 122428.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

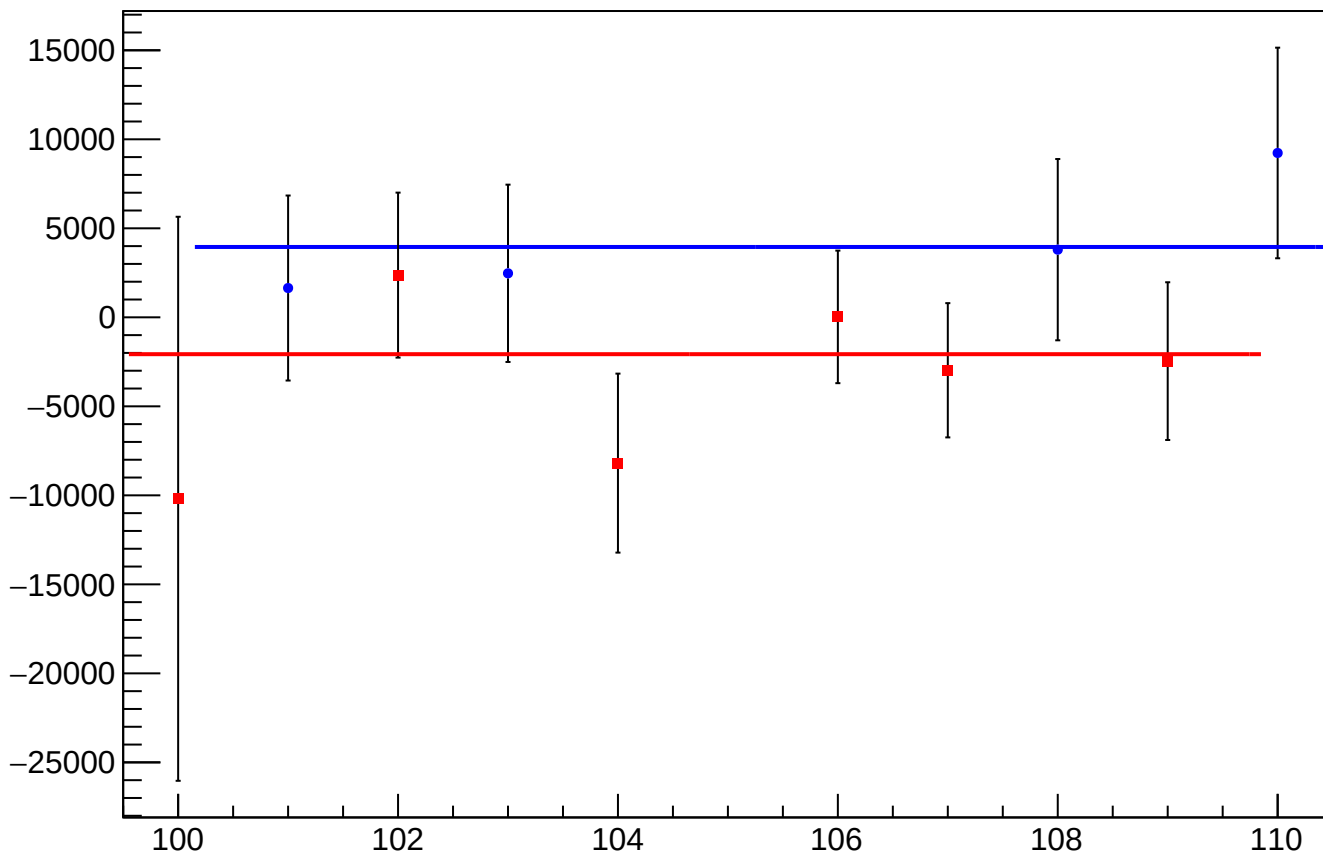
Right: 1369.489+/-0.496 χ^2/NDF : 588239.2/9

In: 1376.966+/-0.732 χ^2/NDF : 465616.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.489+/-0.496 χ^2/NDF : 588239.2/9

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3951.694 $\pm$ 2630.587 χ^2 /NDF: 1.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2070.568 $\pm$ 1877.935 χ^2 /NDF: 3.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

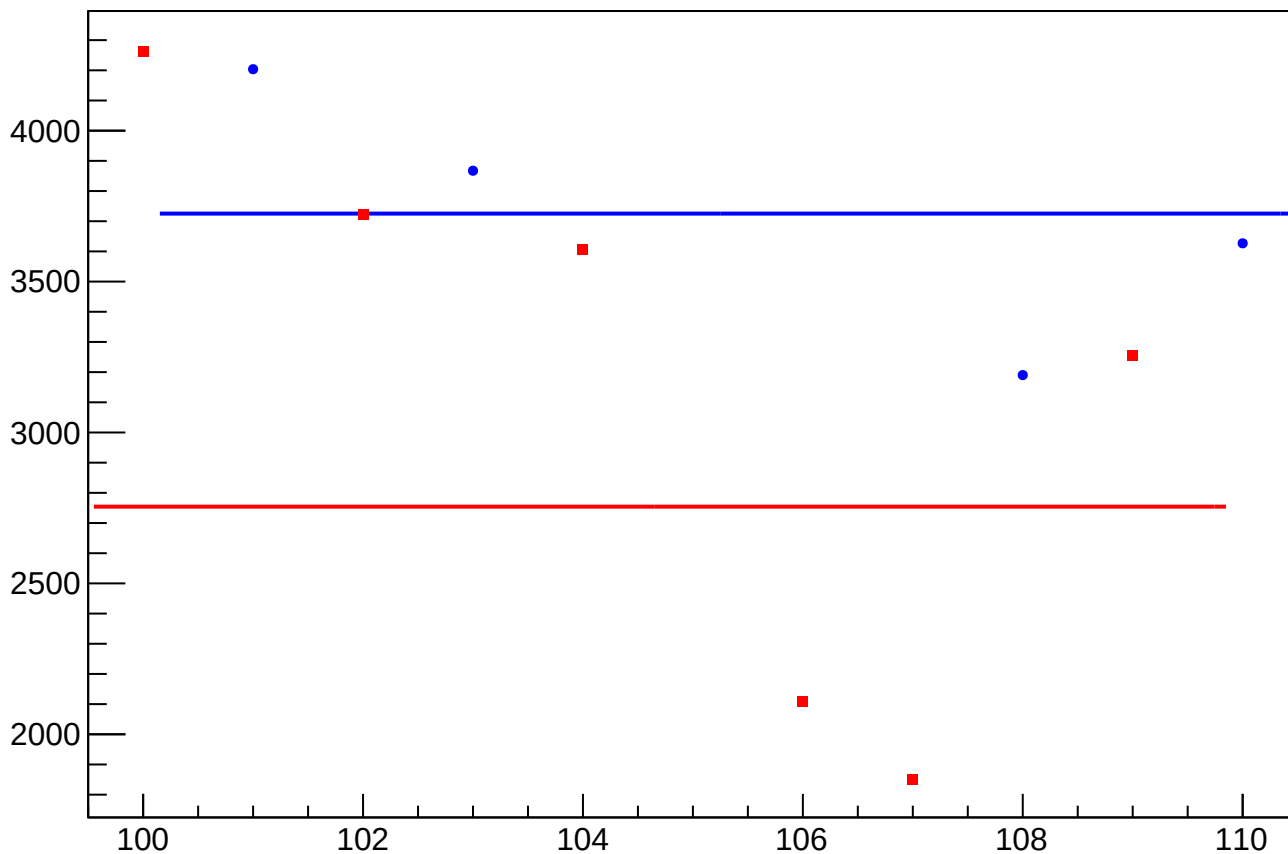
Right: -37.534 $\pm$ 1528.429 χ^2 /NDF: 7.6/9

In: 3951.694 $\pm$ 2630.587 χ^2 /NDF:1.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -37.534 $\pm$ 1528.429 χ^2 /NDF: 7.6/9

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3725.270+/-1.860 χ^2/NDF : 41221.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2754.284+/-1.328 χ^2/NDF : 364191.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

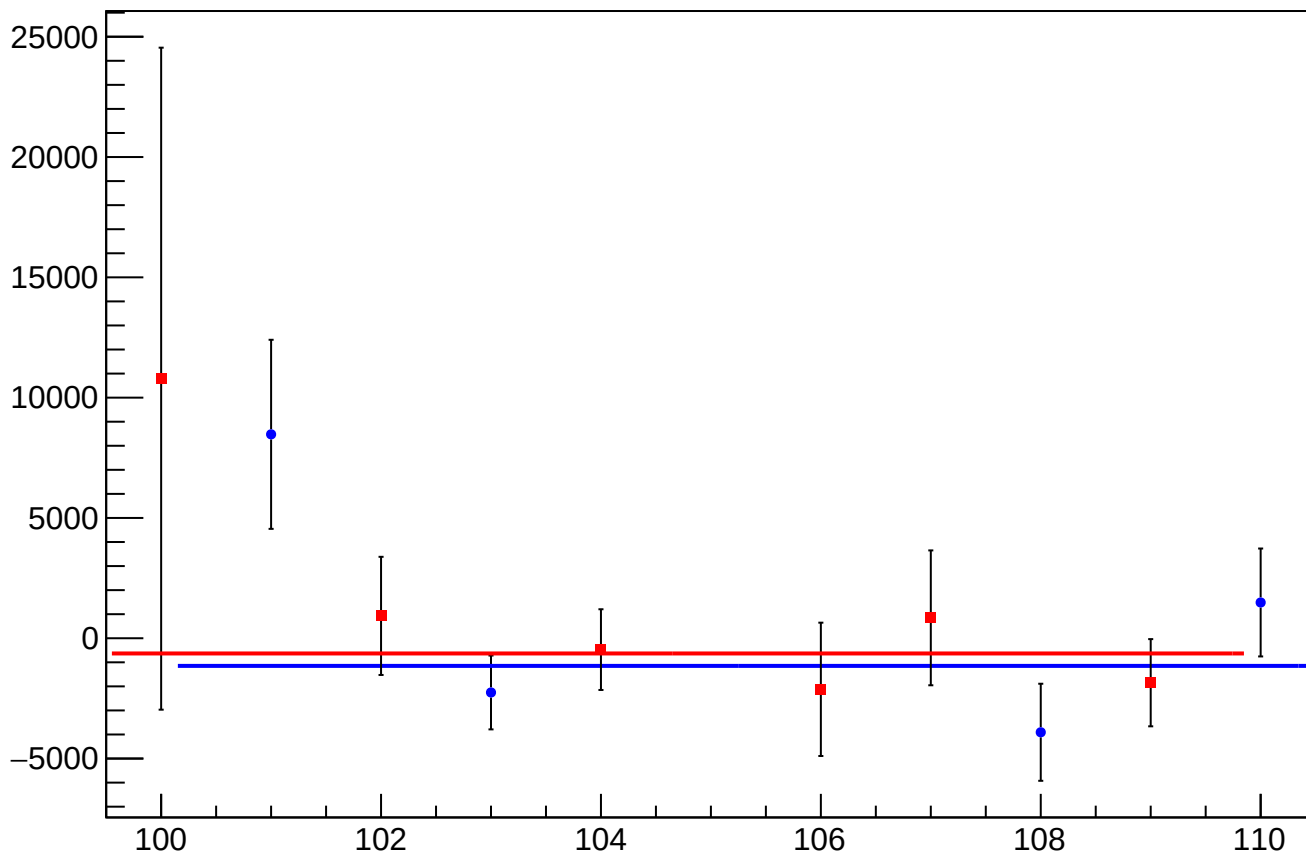
Right: 3082.076+/-1.081 χ^2/NDF : 585913.7/9

In: 3725.270+/-1.860 χ^2/NDF : 41221.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3082.076+/-1.081 χ^2/NDF : 585913.7/9

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1148.671+/-1034.623 χ^2/NDF : 9.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -631.997+/-958.419 χ^2/NDF : 2.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

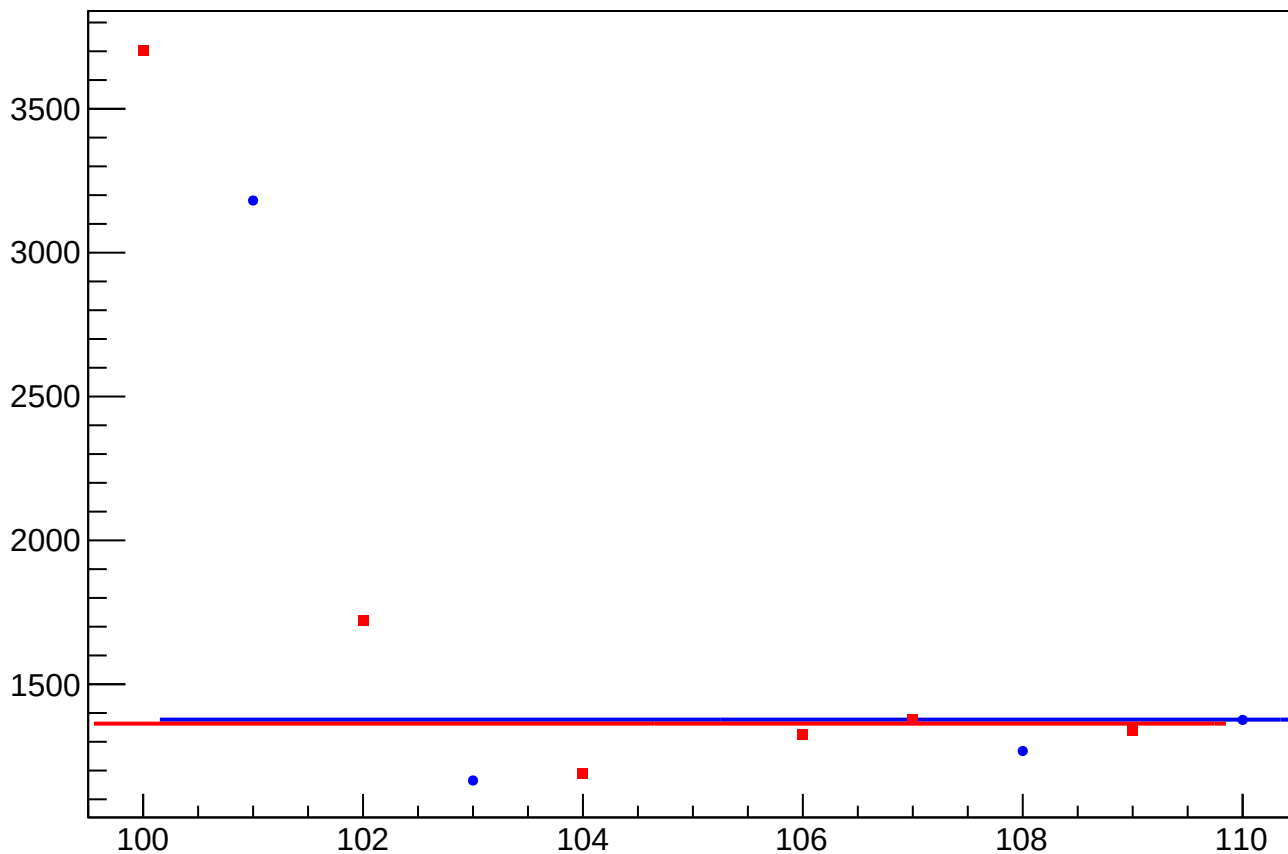
Right: -870.608+/-703.103 χ^2/NDF : 12.0/9

In: -1148.671+/-1034.623 χ^2/NDF : 9.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -870.608+/-703.103 χ^2/NDF : 12.0/9

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1376.966+/-0.732 χ^2/NDF : 465616.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1363.109+/-0.676 χ^2/NDF : 122429.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

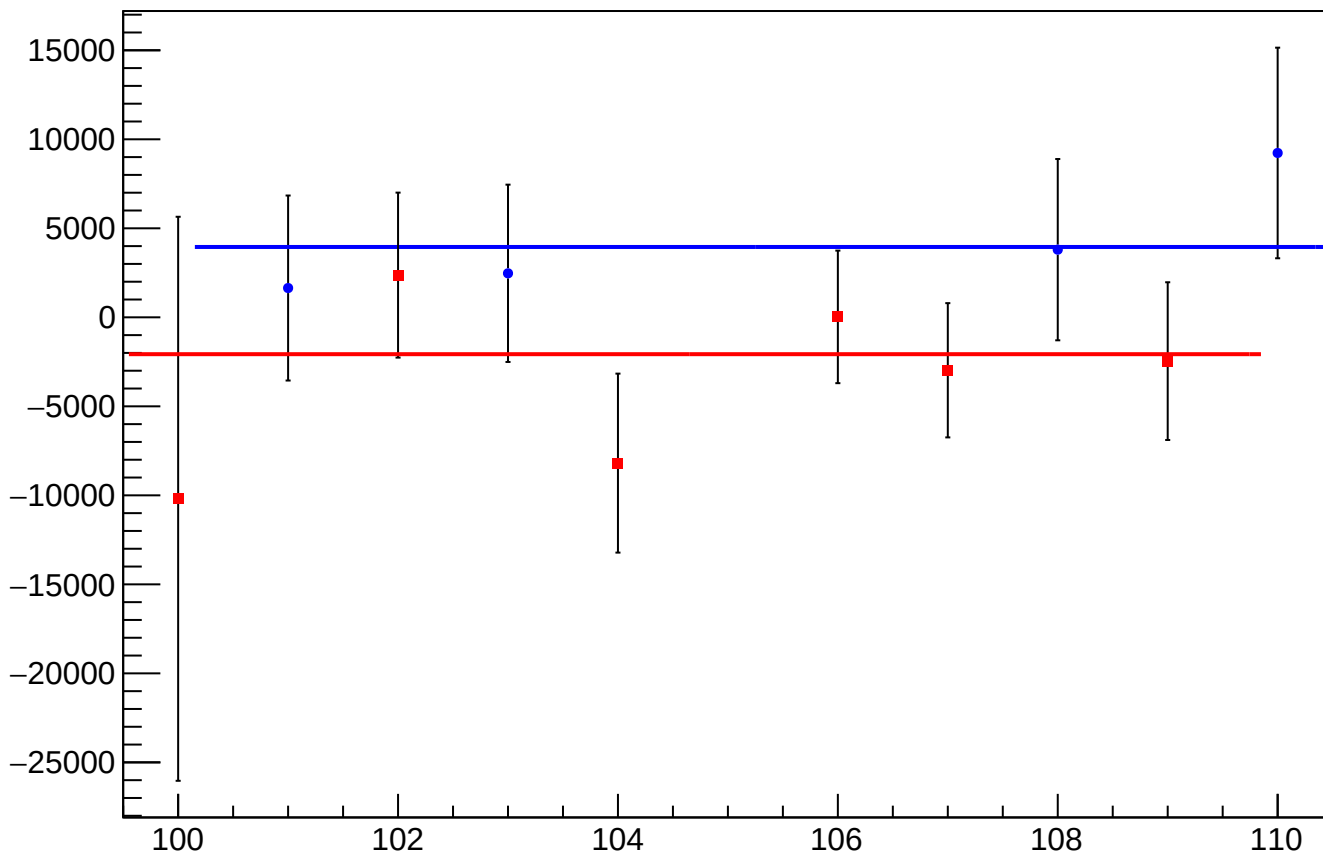
Right: 1369.489+/-0.496 χ^2/NDF : 588239.3/9

In: 1376.966+/-0.732 χ^2/NDF : 465616.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.489+/-0.496 χ^2/NDF : 588239.3/9

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3951.695+/-2630.585 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2070.573+/-1877.932 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

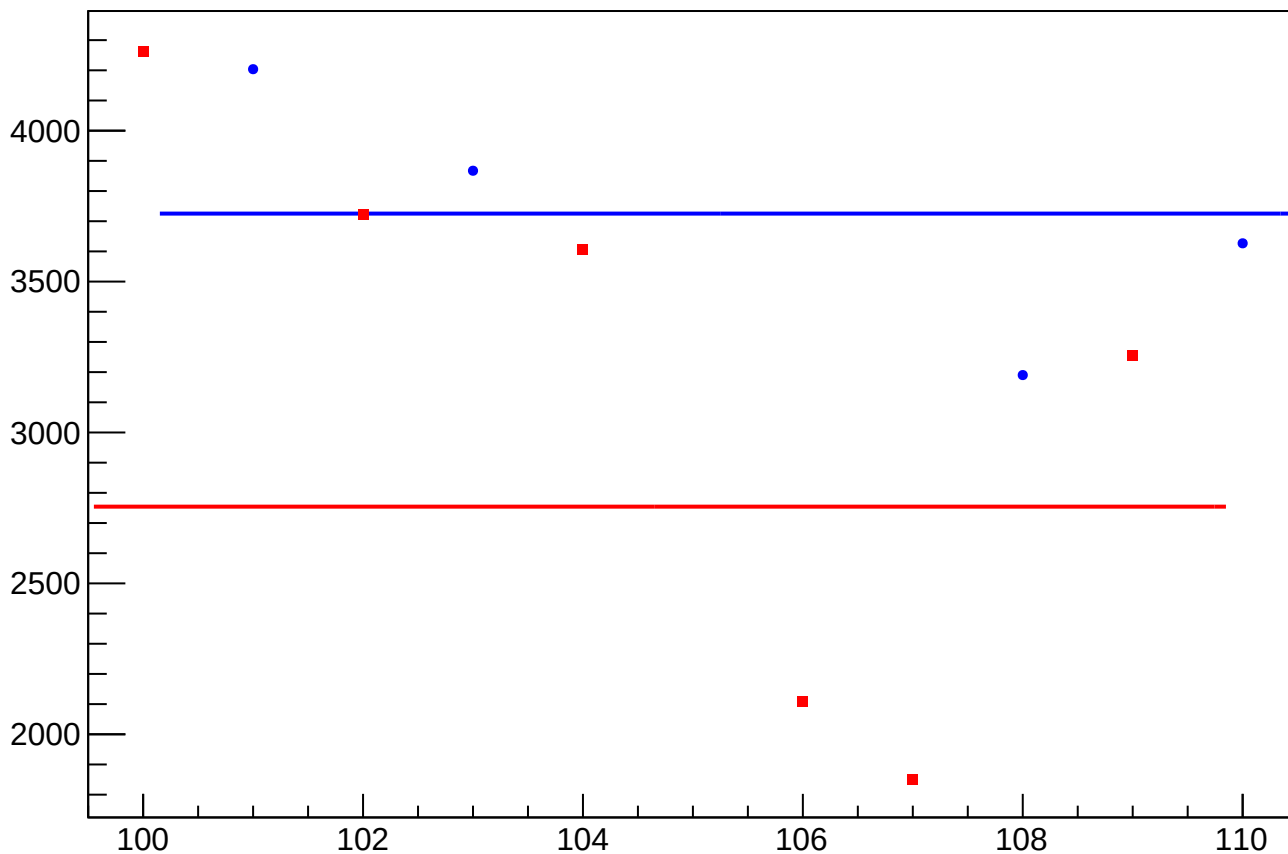
Right: -37.539+/-1528.427 χ^2/NDF : 7.6/9

In: 3951.695+/-2630.585 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.539+/-1528.427 χ^2/NDF : 7.6/9

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3725.267+/-1.860 χ^2/NDF : 41221.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2754.279+/-1.328 χ^2/NDF : 364194.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

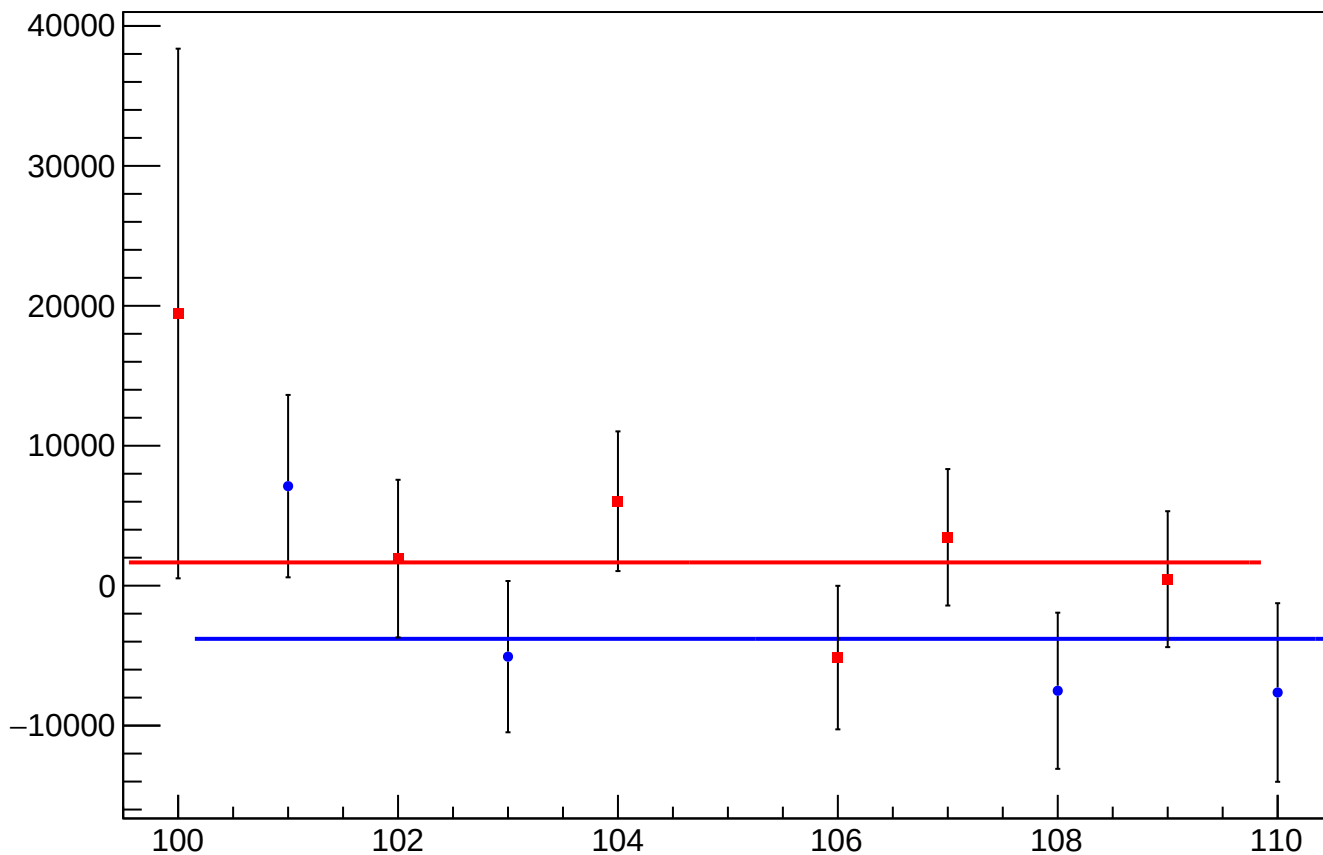
Right: 3082.071+/-1.081 χ^2/NDF : 585917.9/9

In: 3725.267+/-1.860 χ^2/NDF : 41221.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3082.071+/-1.081 χ^2/NDF : 585917.9/9

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -3799.910+/-2956.202 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1661.540+/-2253.686 χ^2/NDF : 3.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

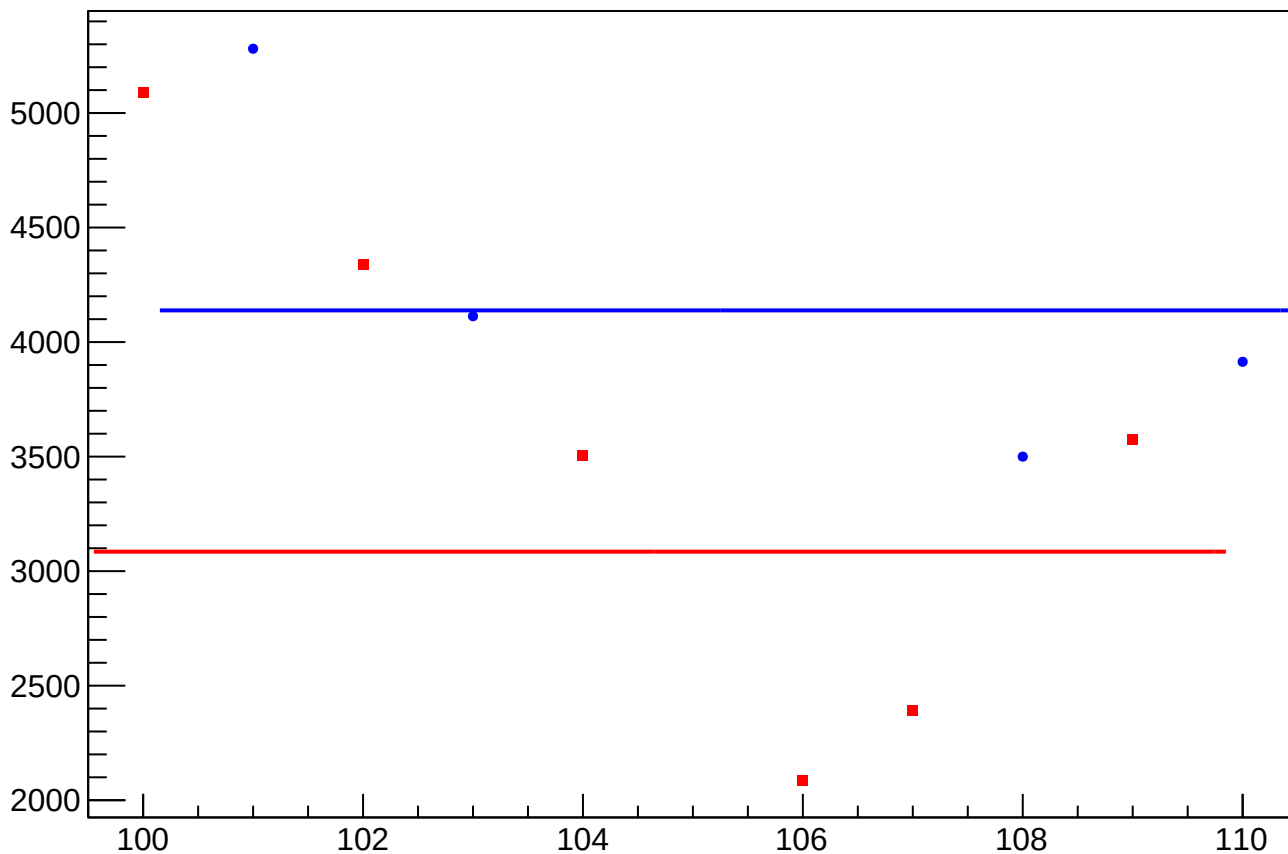
Right: -345.900+/-1792.261 χ^2/NDF : 9.4/9

In: -3799.910+/-2956.202 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.900+/-1792.261 χ^2/NDF : 9.4/9

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 4138.388+/-2.090 χ^2/NDF : 90136.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3085.054+/-1.534 χ^2/NDF : 302461.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

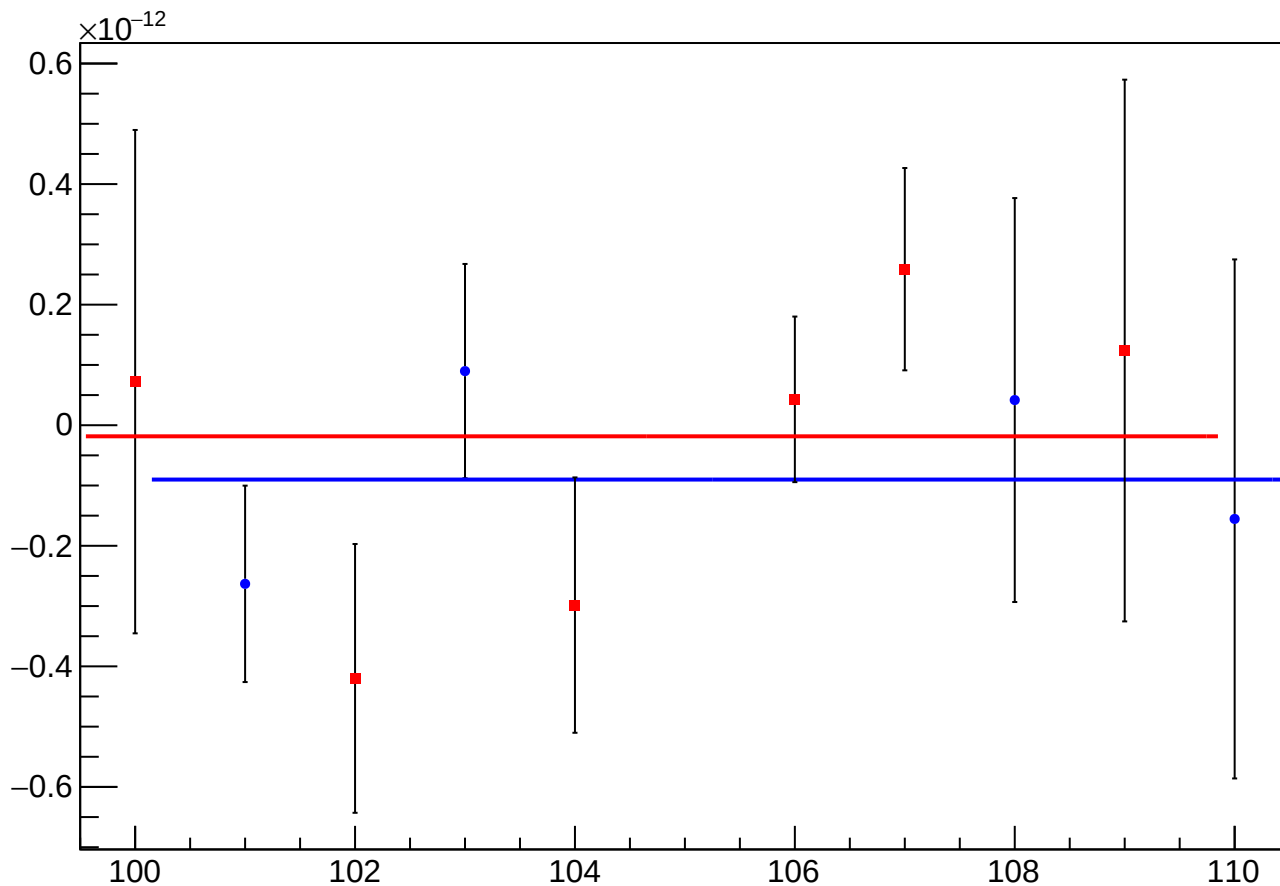
Right: 3453.774+/-1.237 χ^2/NDF : 557644.1/9

In: 4138.388+/-2.090 χ^2/NDF : 90136.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3453.774+/-1.237 χ^2/NDF : 557644.1/9

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

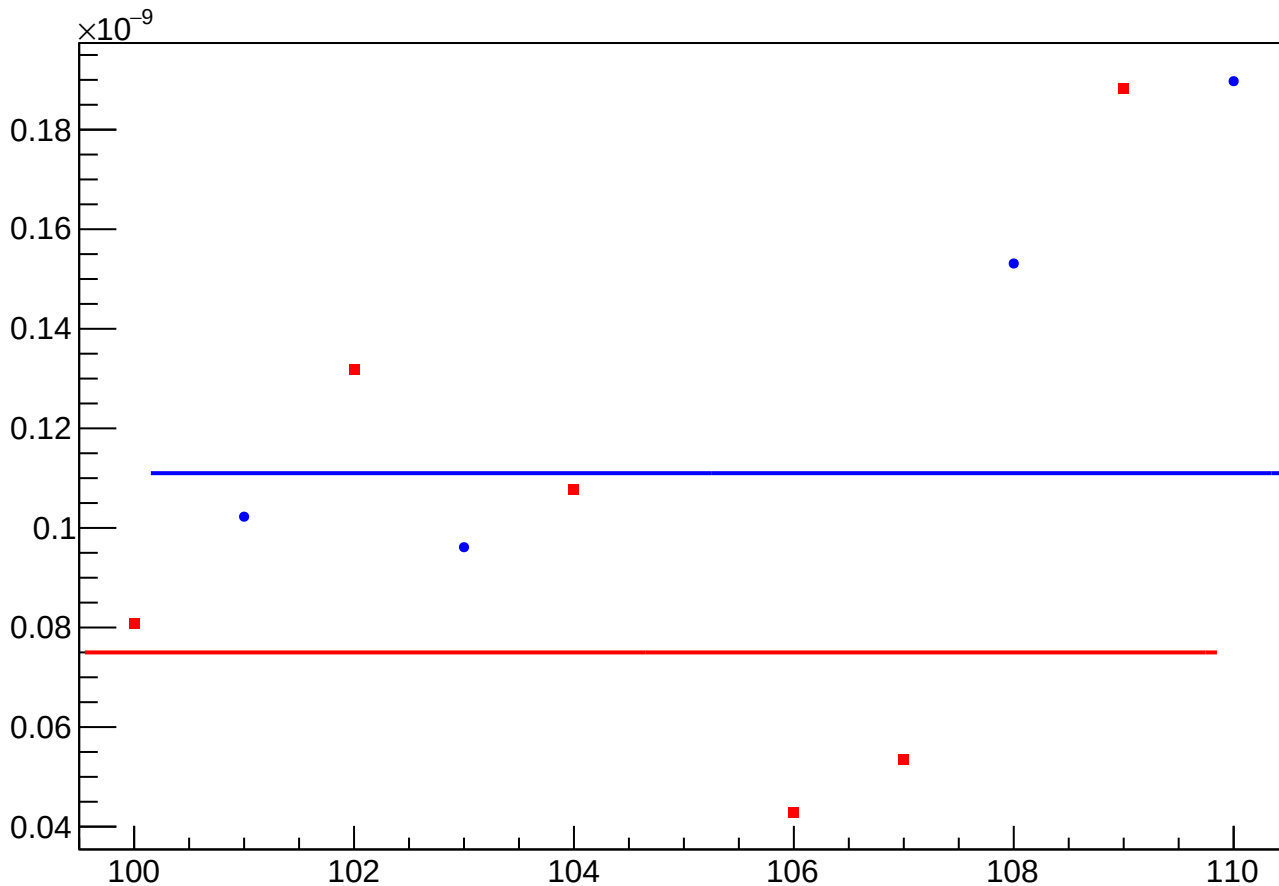
Right: -0.000+/-0.000 χ^2/NDF : 10.7/9

In: -0.000+/-0.000 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.7/9

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 118258.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 447358.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

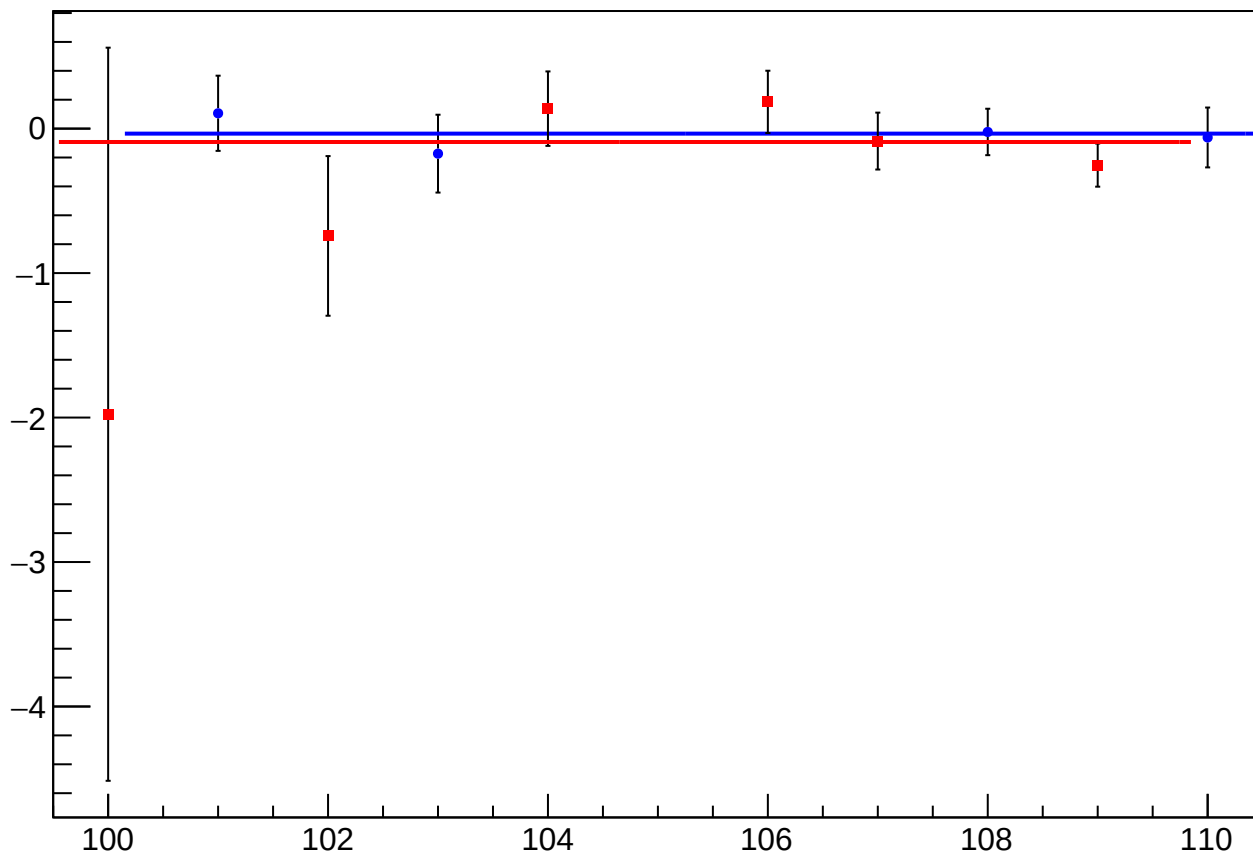
Right: 0.000+/-0.000 χ^2/NDF : 701983.6/9

In: 0.000+/-0.000 χ^2/NDF : 118258.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 701983.6/9

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 $\pm$ 0.105 χ^2 /NDF: 0.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.093 $\pm$ 0.095 χ^2 /NDF: 5.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

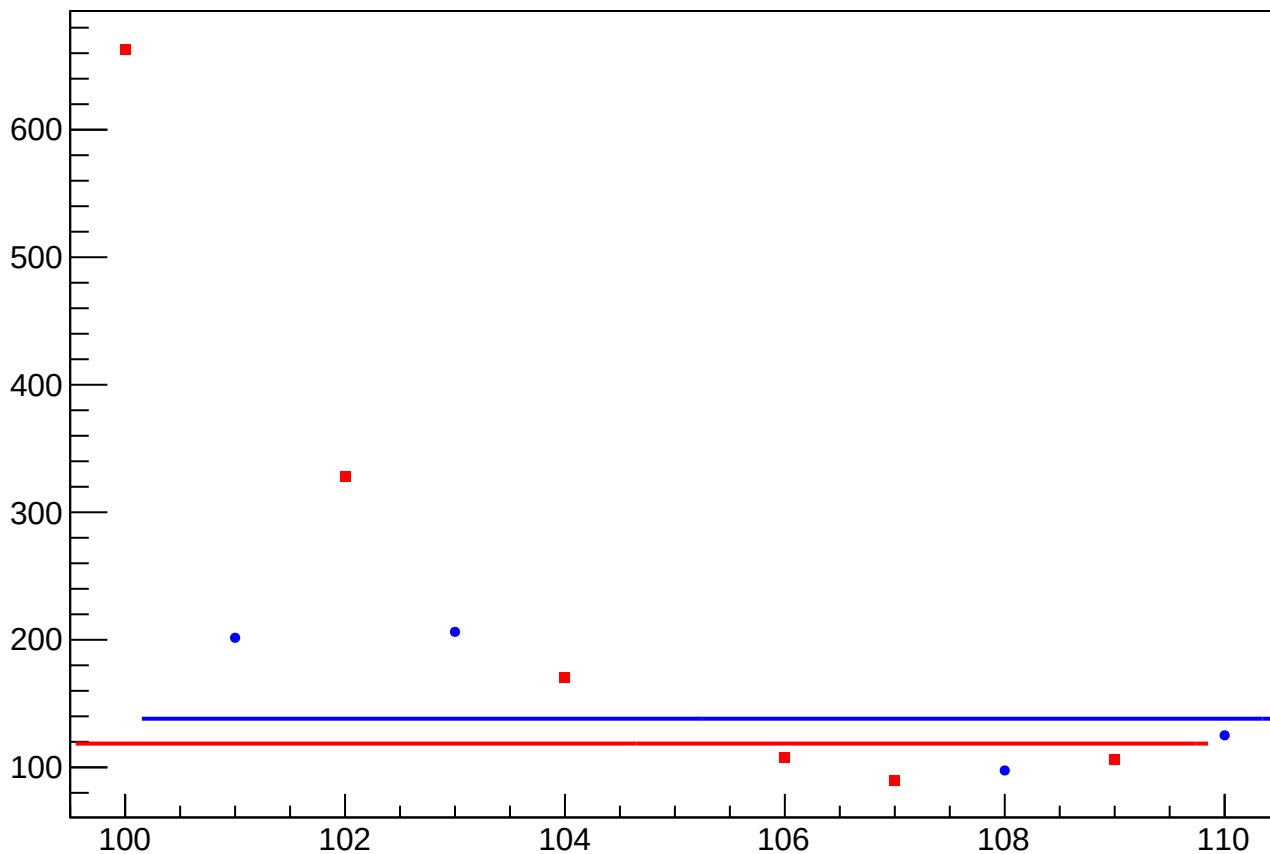
Right: -0.067 $\pm$ 0.070 χ^2 /NDF: 6.3/9

In: -0.035 $\pm$ 0.105 χ^2 /NDF: 0.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.067 $\pm$ 0.070 χ^2 /NDF: 6.3/9

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.140+/-0.074 χ^2/NDF : 382302.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.645+/-0.067 χ^2/NDF : 522364.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

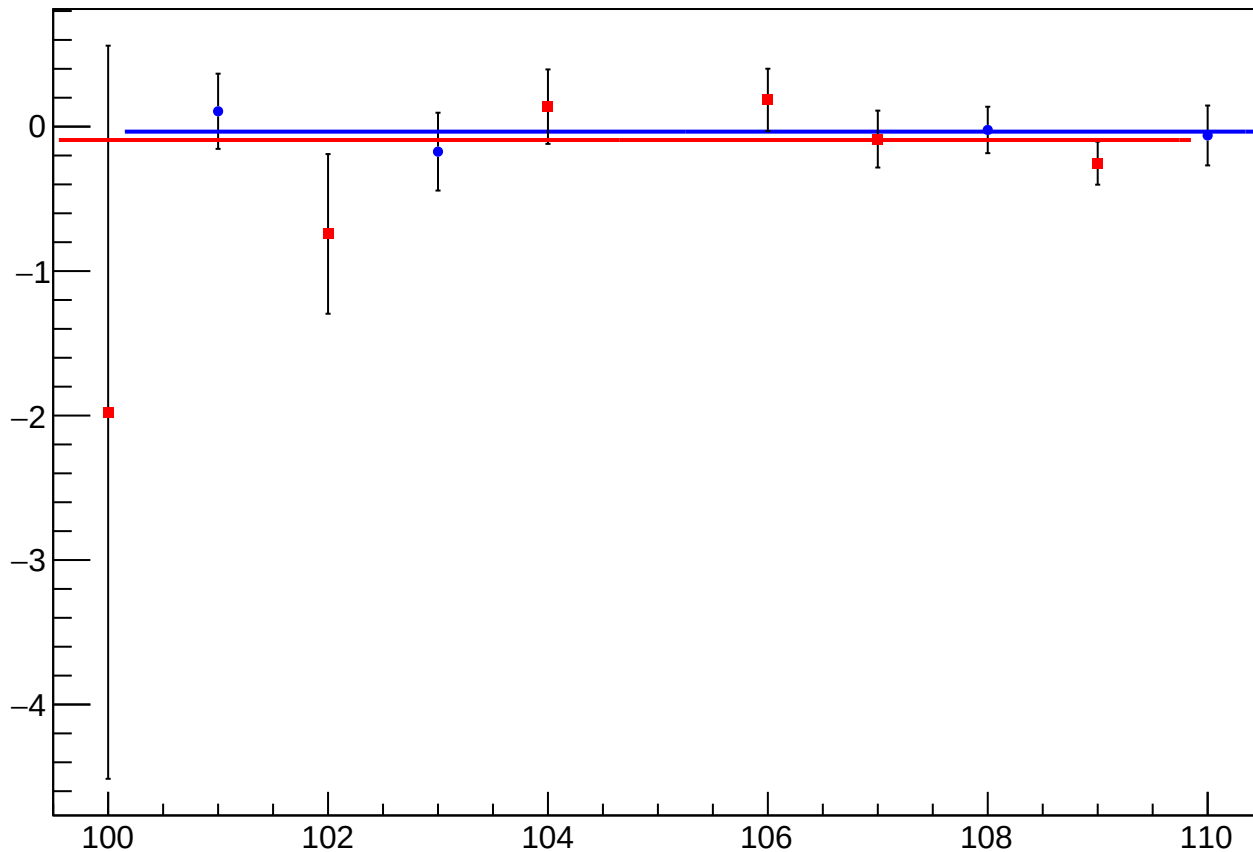
Right: 127.418+/-0.050 χ^2/NDF : 942525.2/9

In: 138.140+/-0.074 χ^2/NDF : 382302.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.418+/-0.050 χ^2/NDF : 942525.2/9

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.105 χ^2/NDF : 0.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.093 ± 0.095 χ^2/NDF : 5.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

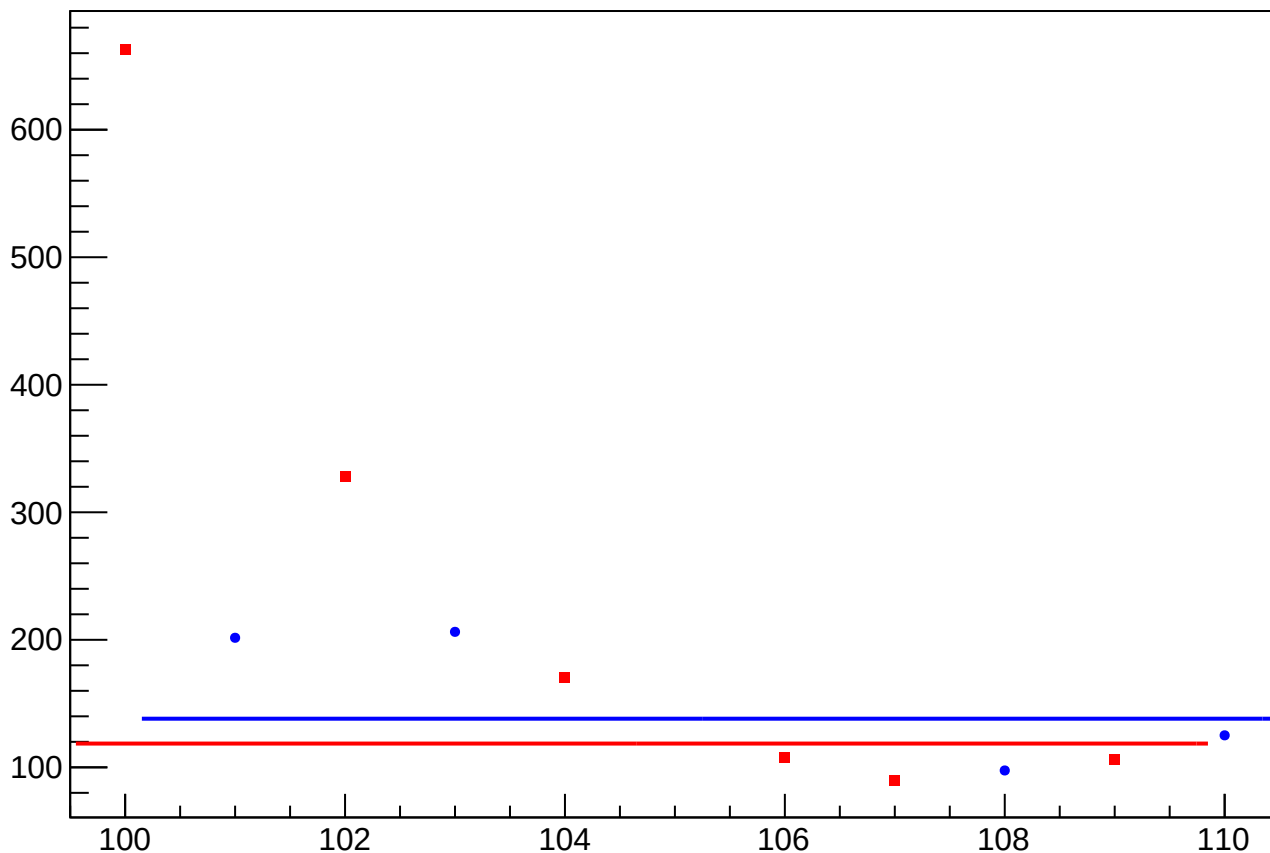
Right: -0.067 ± 0.070 χ^2/NDF : 6.3/9

In: -0.035 ± 0.105 χ^2/NDF : 0.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.067 ± 0.070 χ^2/NDF : 6.3/9

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.140+/-0.074 χ^2/NDF : 382302.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.645+/-0.067 χ^2/NDF : 522364.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

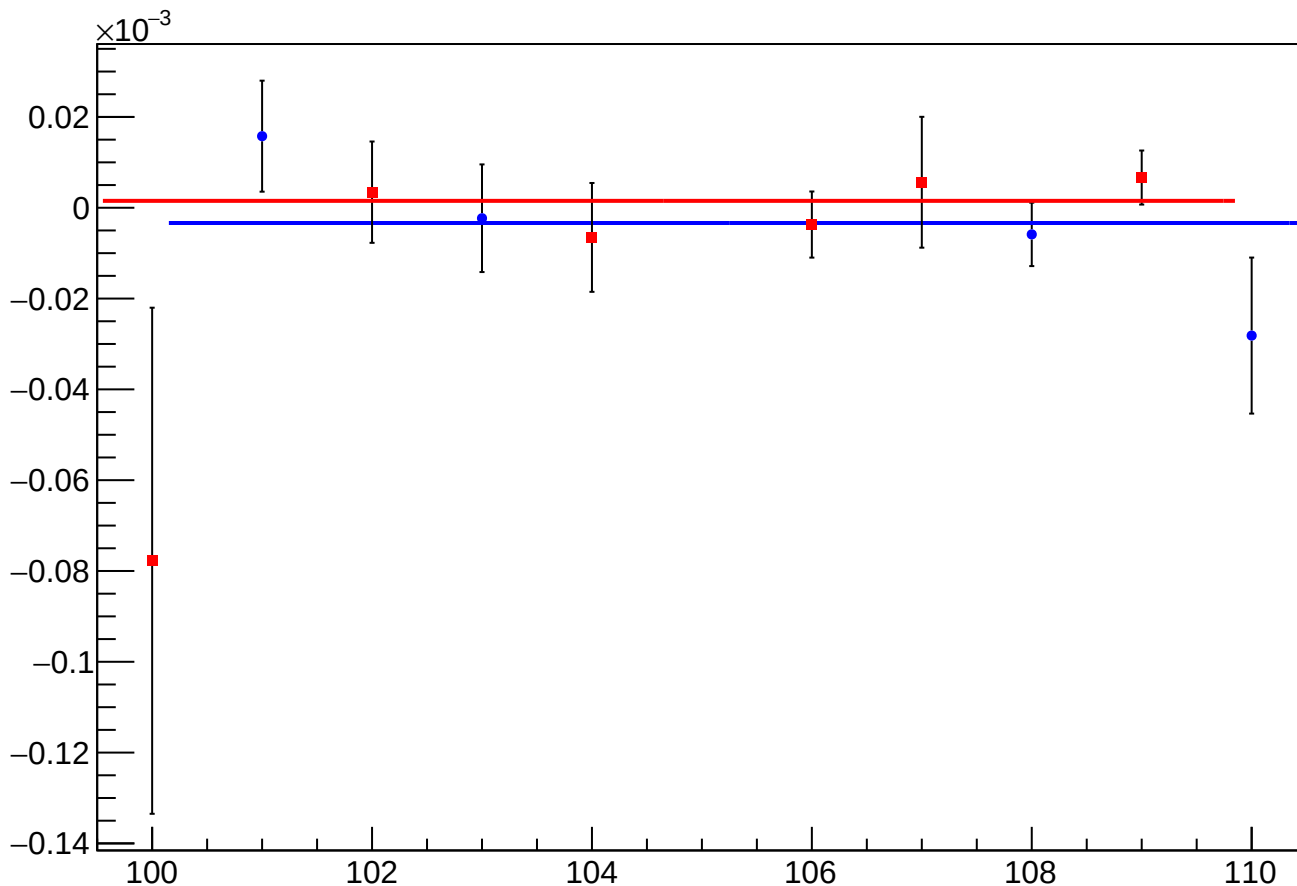
Right: 127.418+/-0.050 χ^2/NDF : 942525.2/9

In: 138.140+/-0.074 χ^2/NDF : 382302.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.418+/-0.050 χ^2/NDF : 942525.2/9

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.7/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.8/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

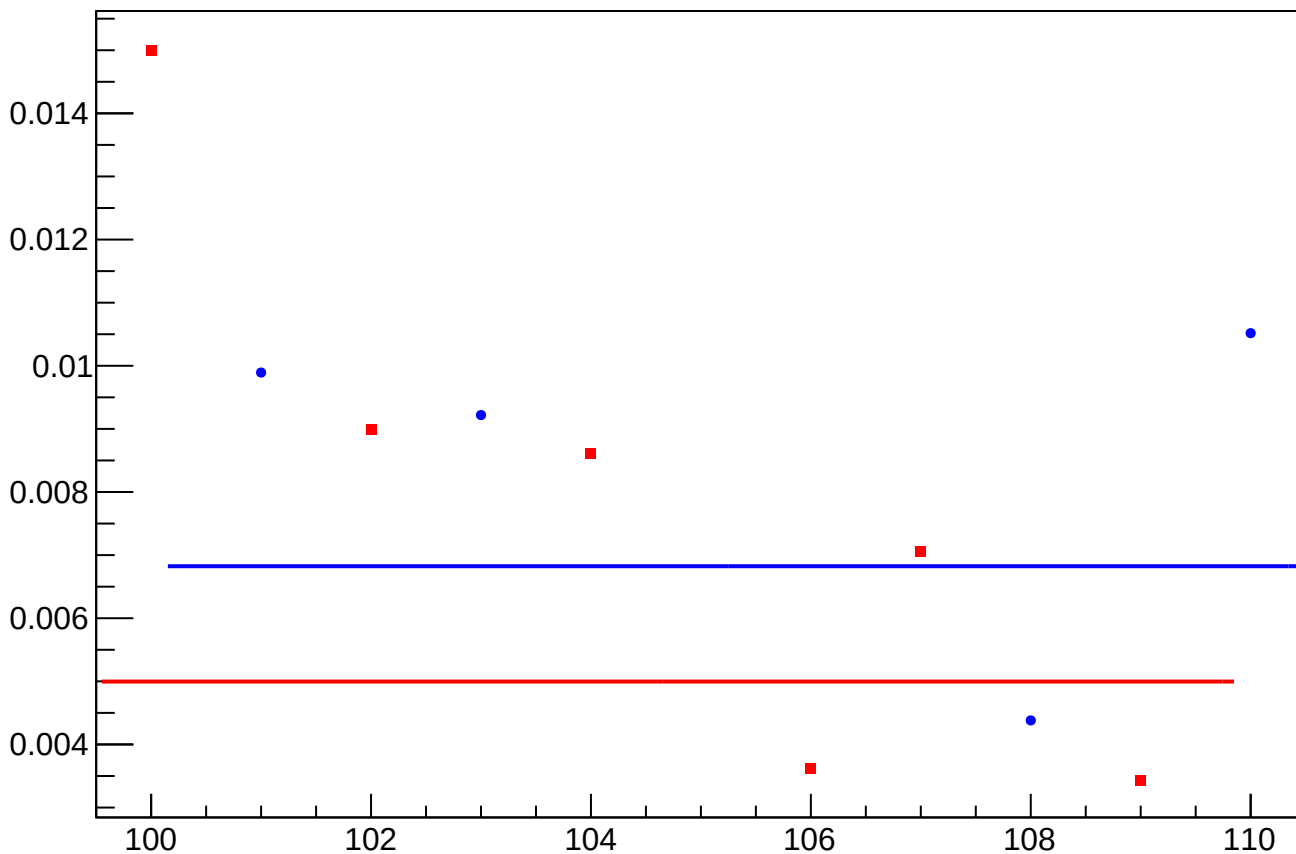
Right: -0.000+/-0.000 χ^2 /NDF: 9.1/9

In: -0.000+/-0.000 χ^2 /NDF:4.7/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.1/9

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 544761.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 754897.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

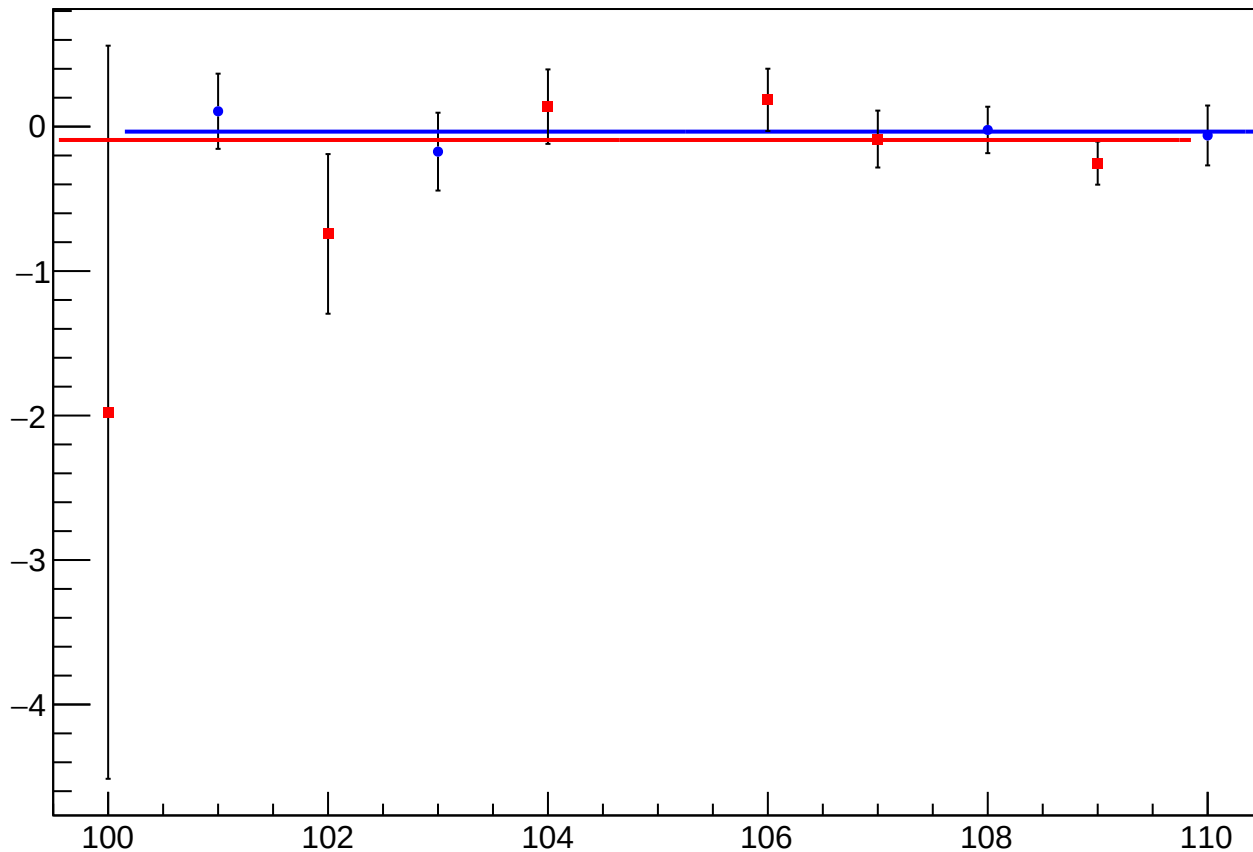
Right: 0.006+/-0.000 χ^2/NDF : 1460995.7/9

In: 0.007+/-0.000 χ^2/NDF : 544761.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1460995.7/9

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 $\pm$ 0.105 χ^2 /NDF: 0.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.093 $\pm$ 0.095 χ^2 /NDF: 5.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

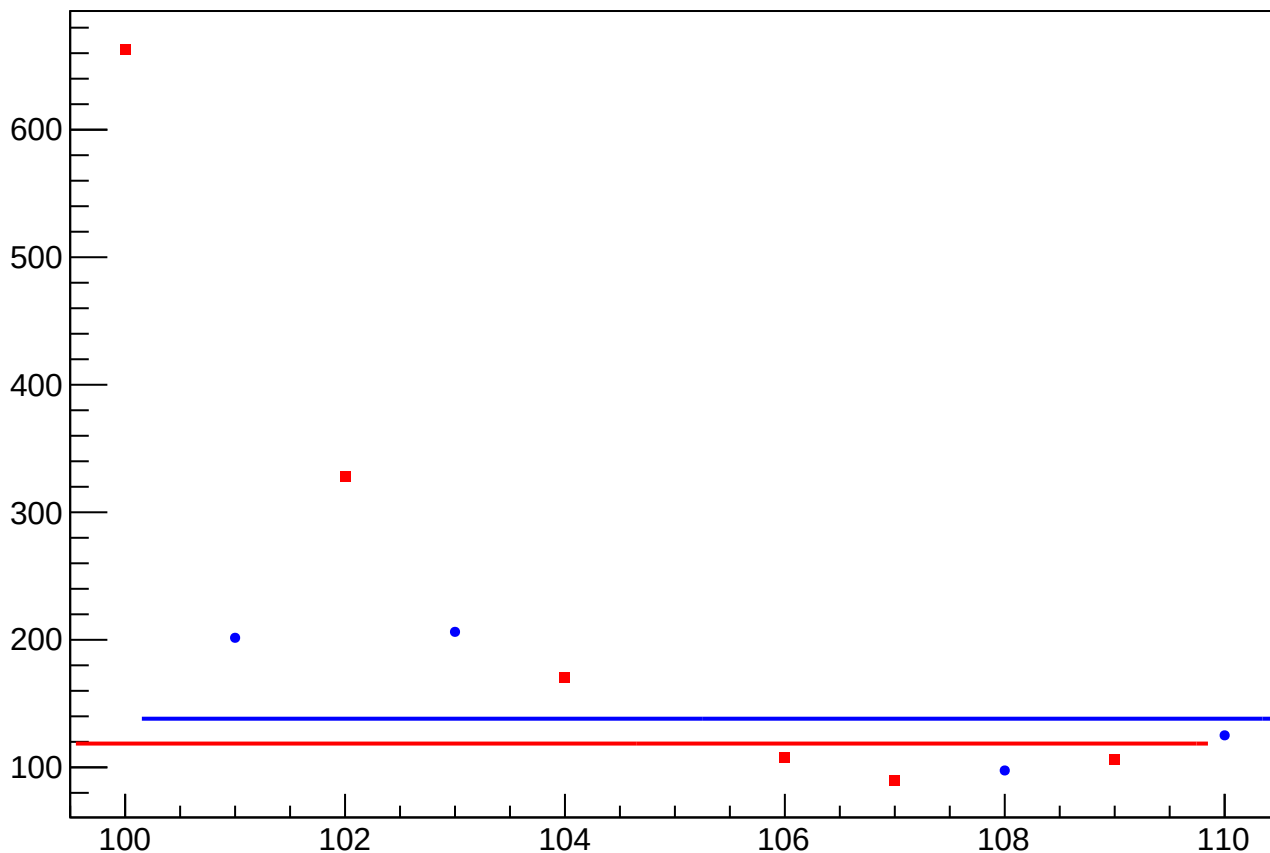
Right: -0.067 $\pm$ 0.070 χ^2 /NDF: 6.3/9

In: -0.035 $\pm$ 0.105 χ^2 /NDF: 0.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.067 $\pm$ 0.070 χ^2 /NDF: 6.3/9

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.142 $\pm$ 0.074 χ^2 /NDF: 382265.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.648 $\pm$ 0.067 χ^2 /NDF: 522333.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

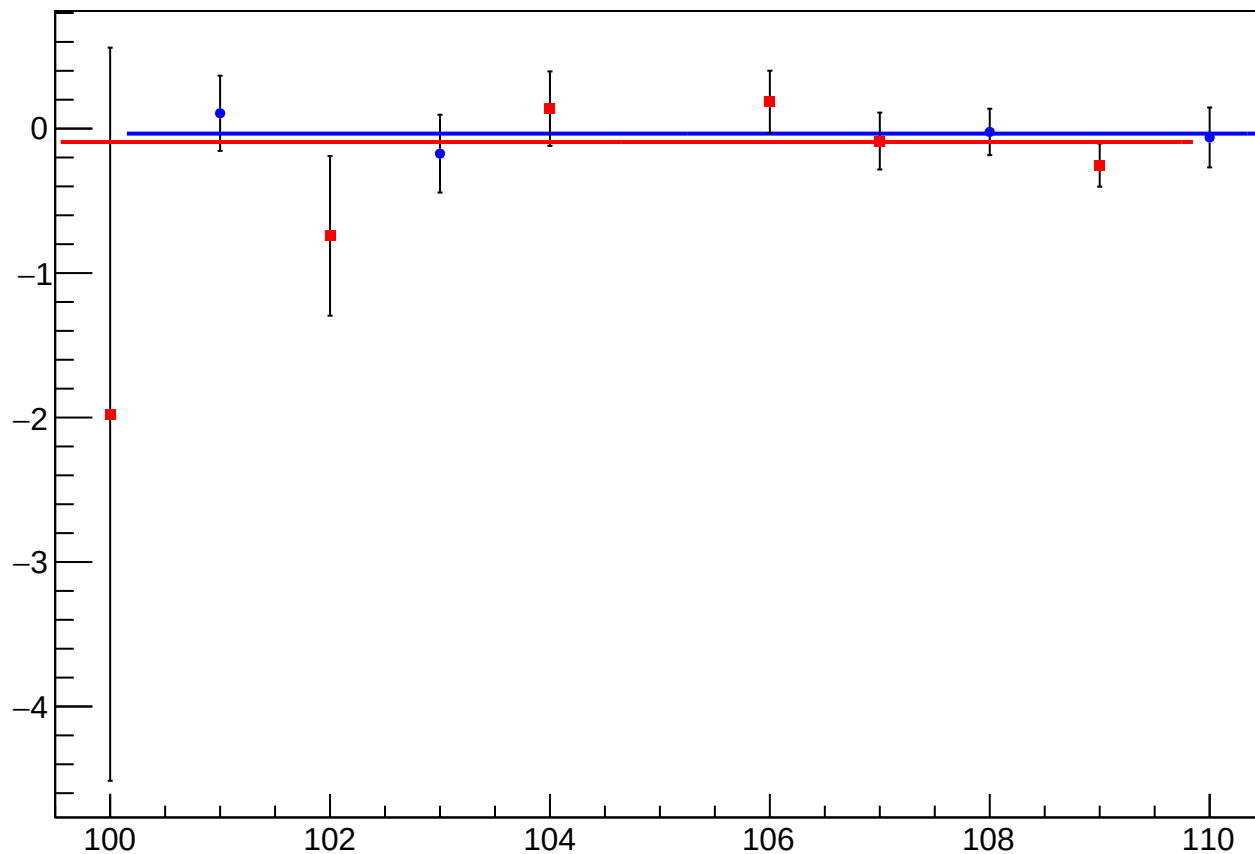
Right: 127.420 $\pm$ 0.050 χ^2 /NDF: 942453.8/9

In: 138.142 $\pm$ 0.074 χ^2 /NDF:382265.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127.420 $\pm$ 0.050 χ^2 /NDF: 942453.8/9

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.105 χ^2/NDF : 0.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.093 ± 0.095 χ^2/NDF : 5.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

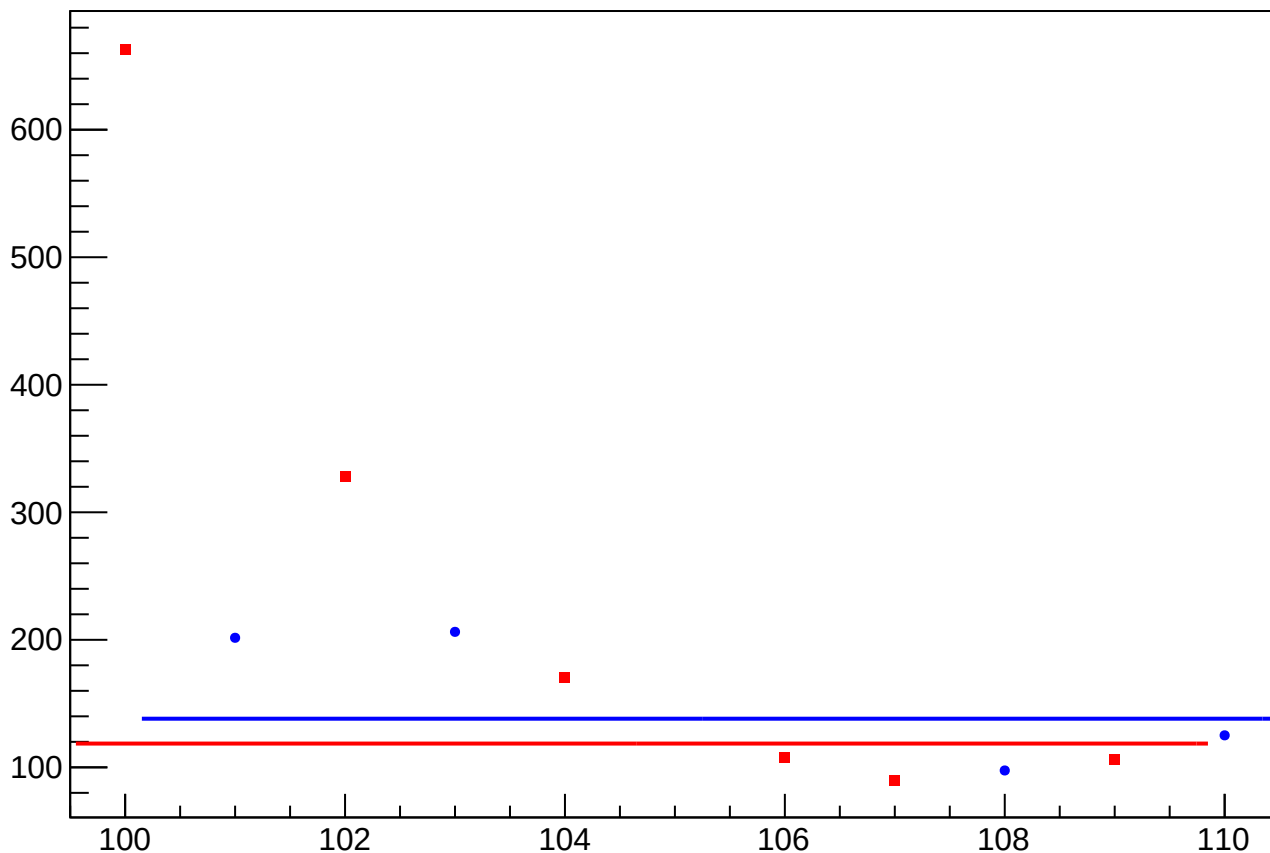
Right: -0.067 ± 0.070 χ^2/NDF : 6.3/9

In: -0.035 ± 0.105 χ^2/NDF : 0.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.067 ± 0.070 χ^2/NDF : 6.3/9

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.142+/-0.074 χ^2/NDF : 382265.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.648+/-0.067 χ^2/NDF : 522333.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

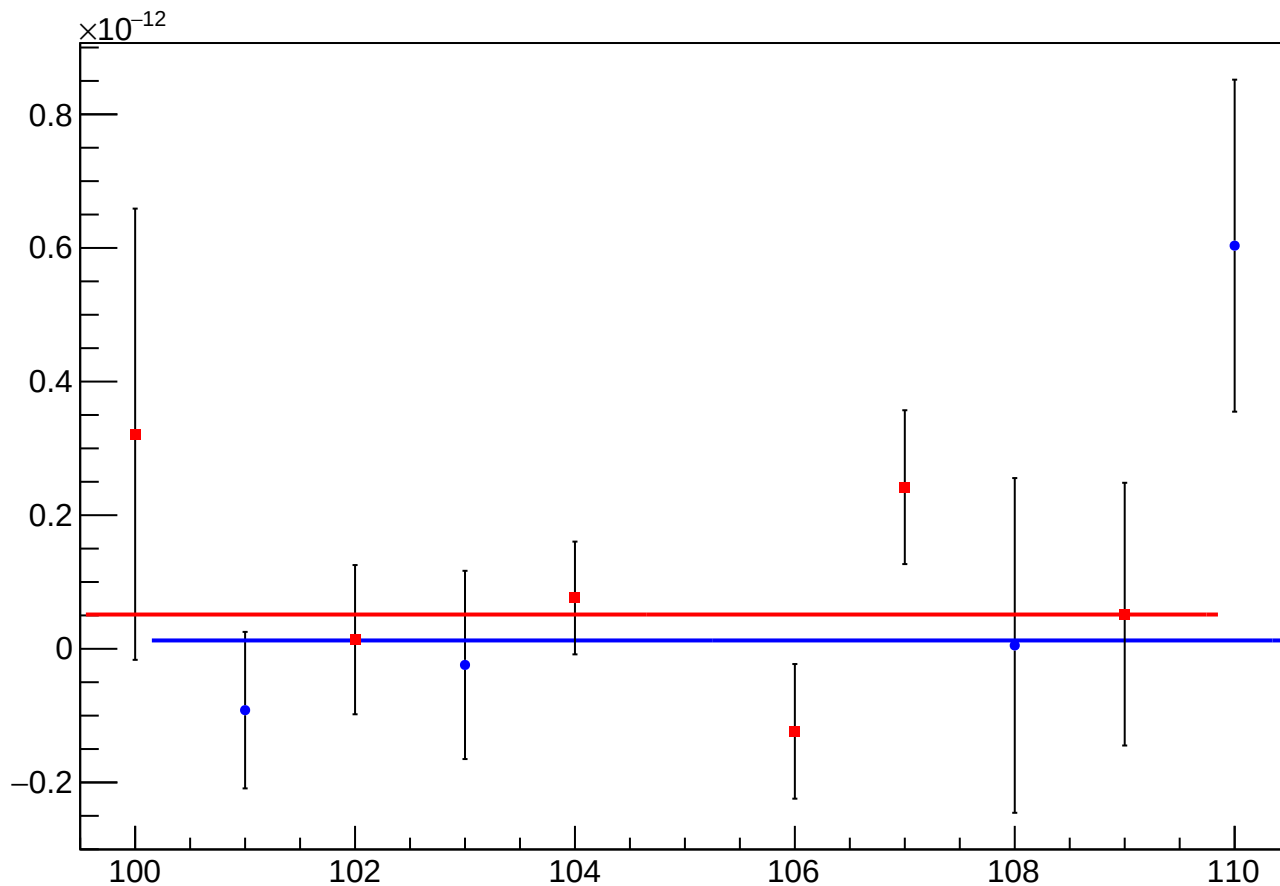
Right: 127.420+/-0.050 χ^2/NDF : 942453.8/9

In: 138.142+/-0.074 χ^2/NDF : 382265.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.420+/-0.050 χ^2/NDF : 942453.8/9

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

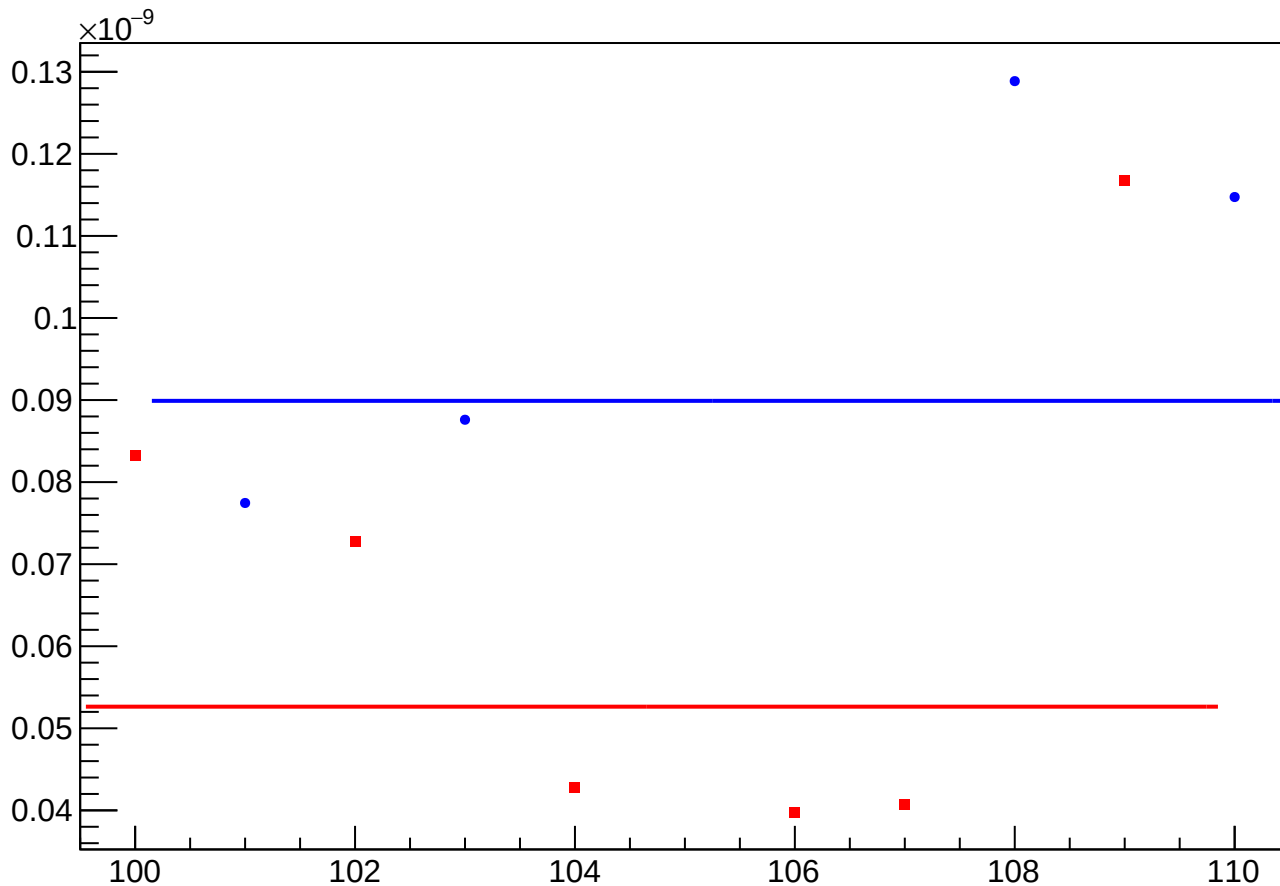
Right: 0.000+/-0.000 χ^2/NDF : 13.3/9

In: 0.000+/-0.000 χ^2/NDF : 6.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.3/9

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 91477.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 375436.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

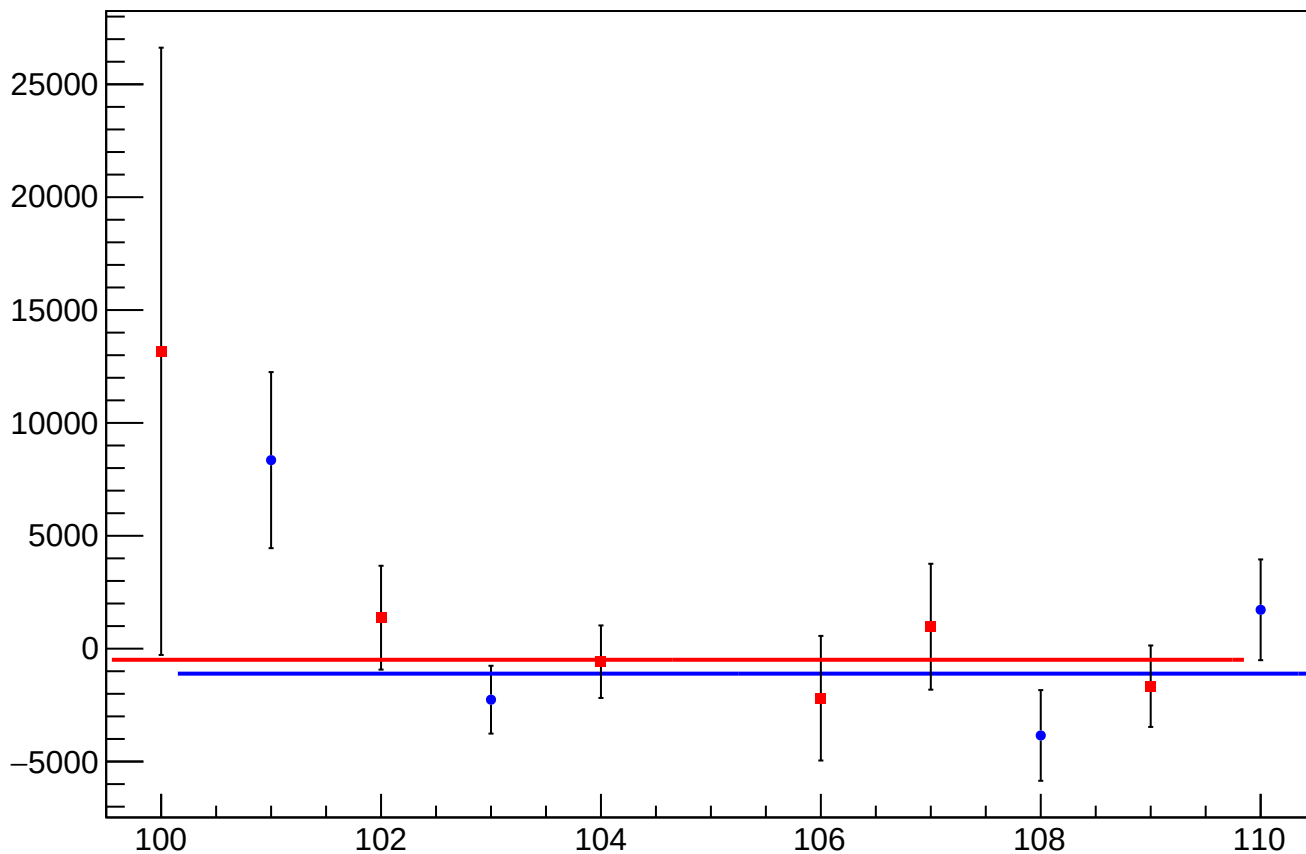
Right: 0.000+/-0.000 χ^2/NDF : 783829.6/9

In: 0.000+/-0.000 χ^2/NDF : 91477.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 783829.6/9

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1106.572+/-1021.871 χ^2/NDF : 9.9/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -491.911+/-932.955 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

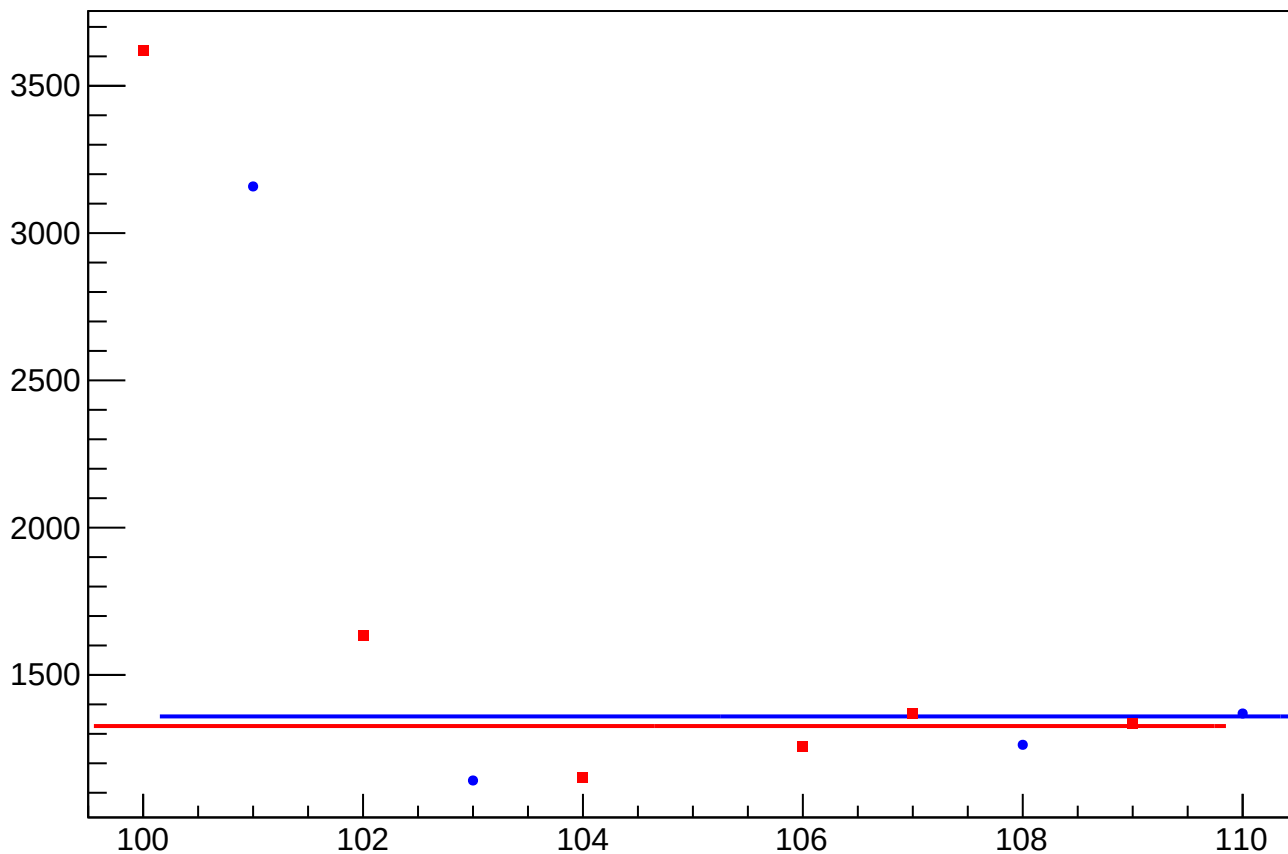
Right: -771.341+/-688.993 χ^2/NDF : 12.9/9

In: -1106.572+/-1021.871 χ^2/NDF :9.9/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -771.341+/-688.993 χ^2/NDF : 12.9/9

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1359.139+/-0.723 χ^2/NDF : 472241.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.472+/-0.653 χ^2/NDF : 119815.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

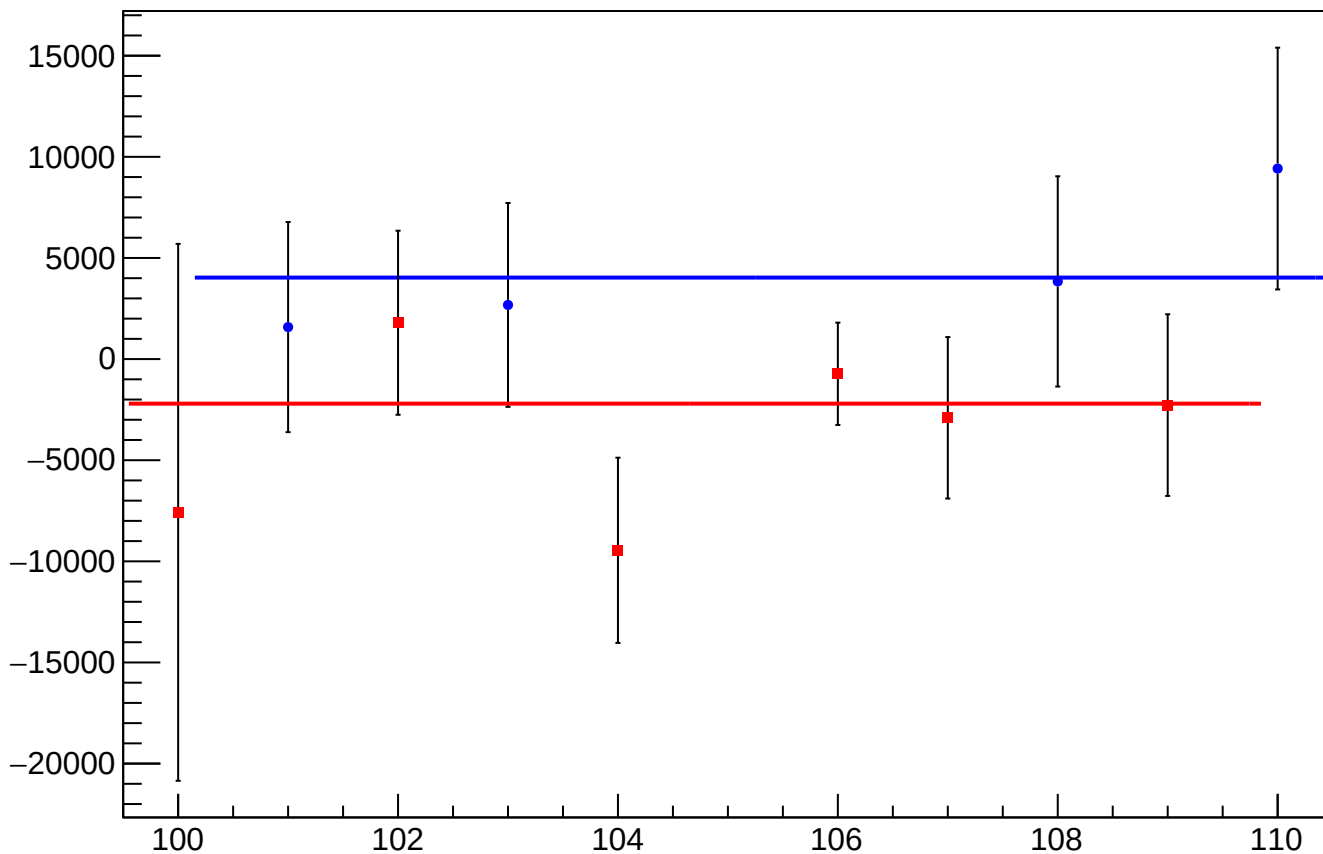
Right: 1341.168+/-0.485 χ^2/NDF : 593181.2/9

In: 1359.139+/-0.723 χ^2/NDF : 472241.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1341.168+/-0.485 χ^2/NDF : 593181.2/9

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 4029.666+/-2659.303 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2203.111+/-1643.179 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

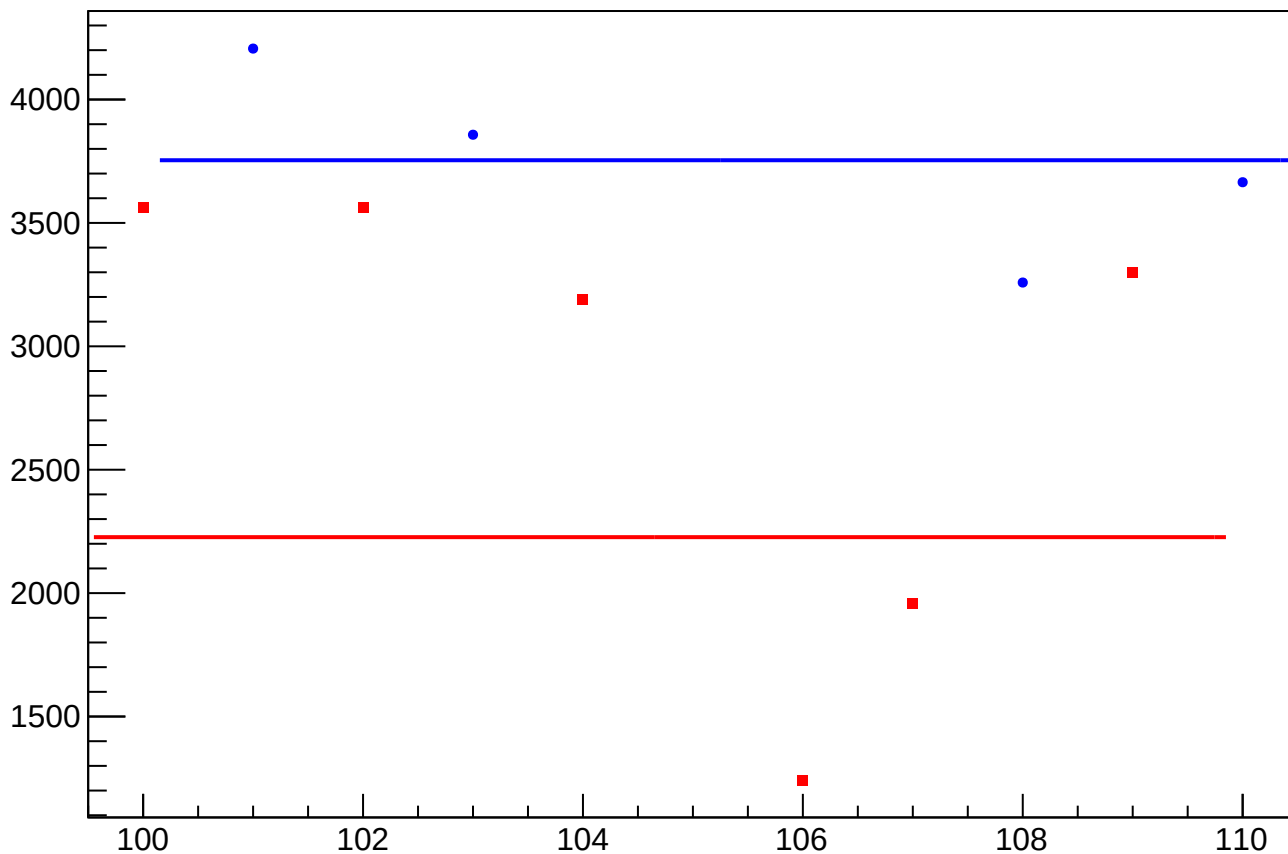
Right: -480.961+/-1397.857 χ^2/NDF : 8.9/9

In: 4029.666+/-2659.303 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -480.961+/-1397.857 χ^2/NDF : 8.9/9

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3753.972+/-1.880 χ^2/NDF : 34618.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2226.775+/-1.162 χ^2/NDF : 707505.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

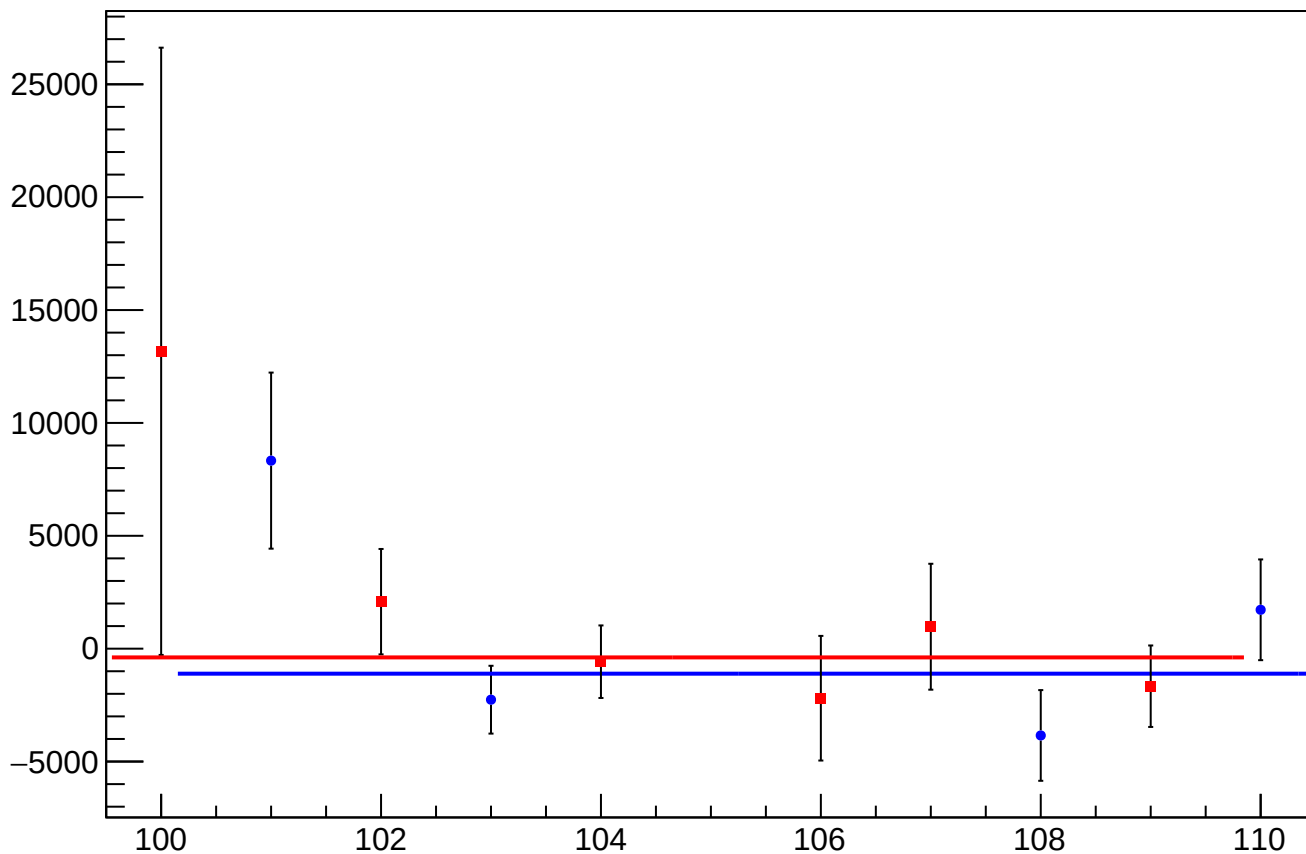
Right: 2648.748+/-0.988 χ^2/NDF : 1219476.6/9

In: 3753.972+/-1.880 χ^2/NDF : 34618.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2648.748+/-0.988 χ^2/NDF : 1219476.6/9

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1107.976+/-1021.872 χ^2/NDF : 9.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -387.255+/-935.226 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

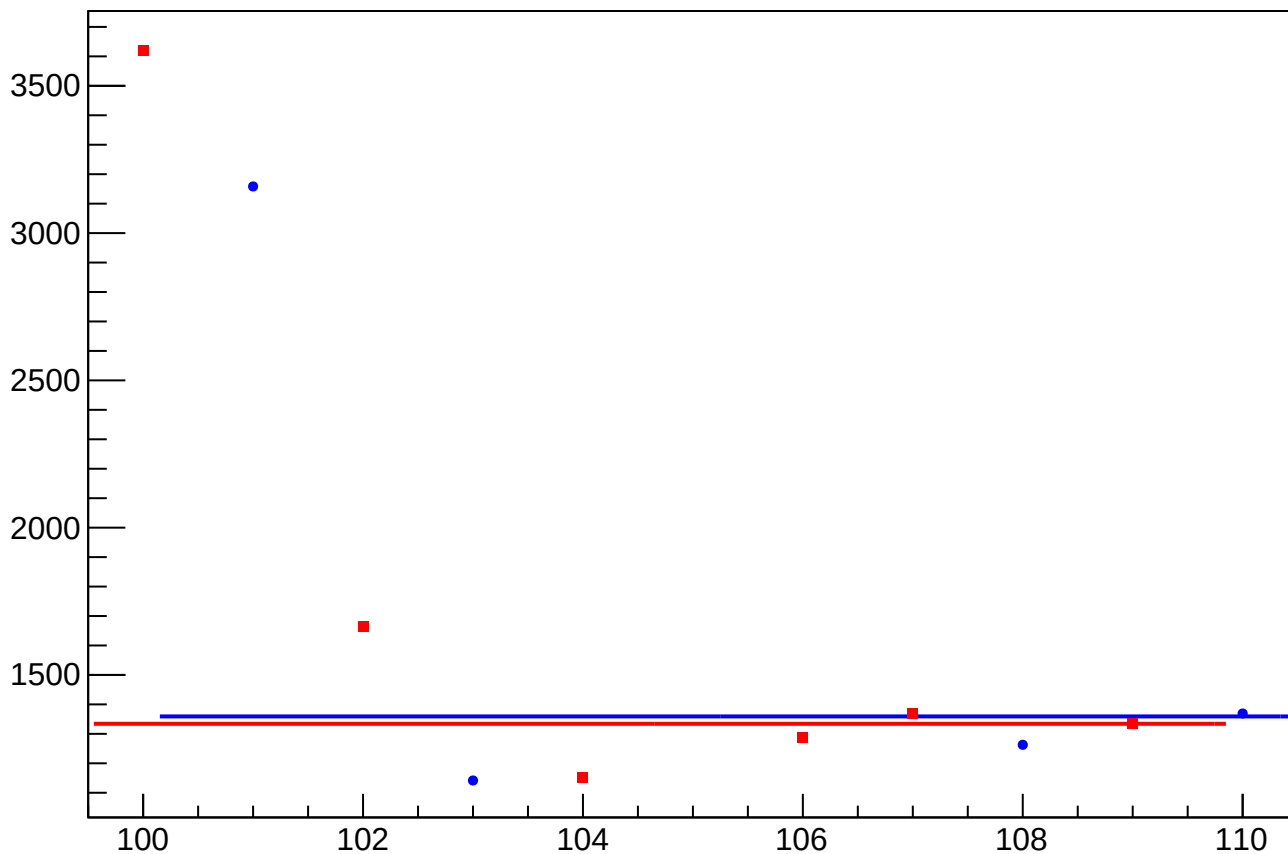
Right: -715.770+/-689.907 χ^2/NDF : 13.5/9

In: -1107.976+/-1021.872 χ^2/NDF : 9.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -715.770+/-689.907 χ^2/NDF : 13.5/9

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1359.138+/-0.723 χ^2/NDF : 472243.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.137+/-0.657 χ^2/NDF : 125276.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

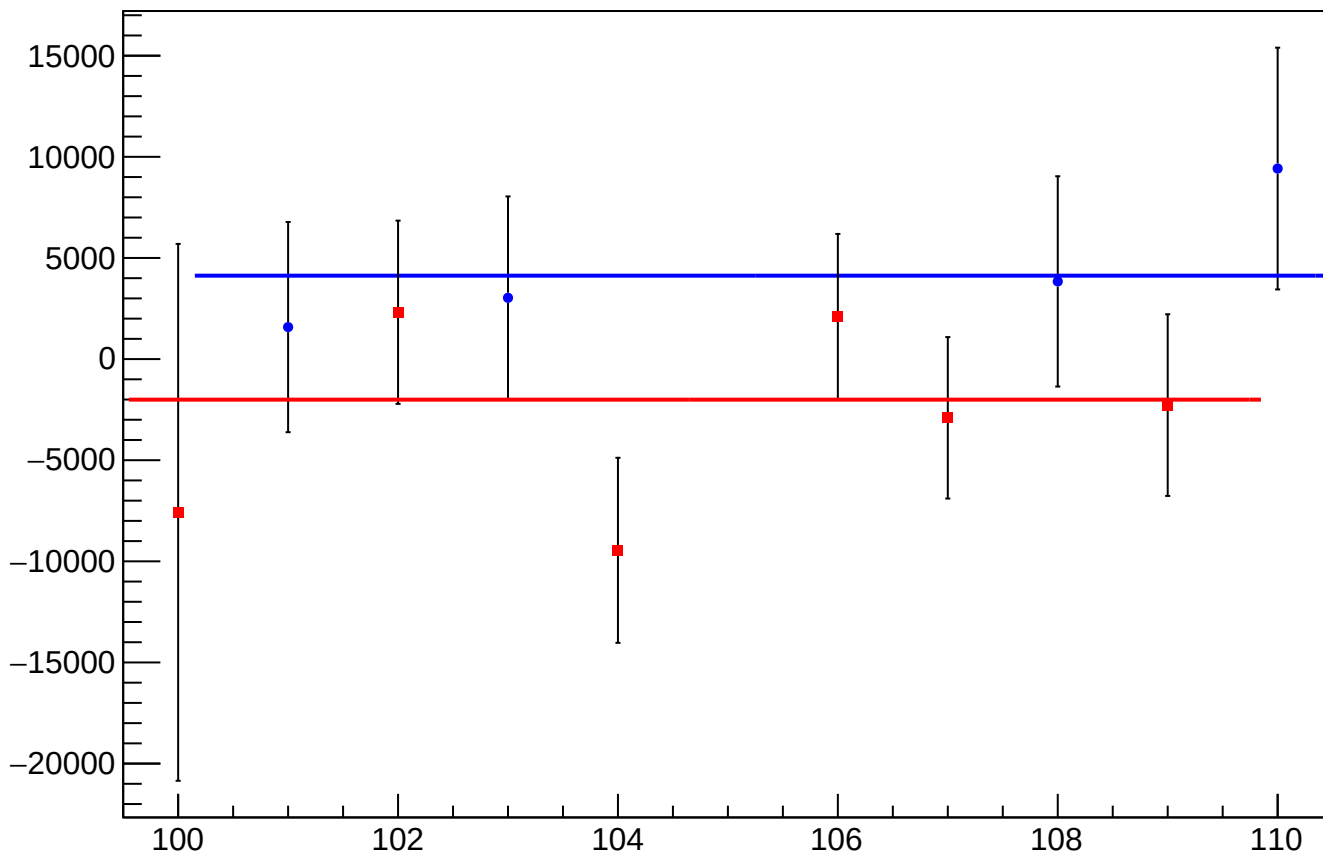
Right: 1345.449+/-0.486 χ^2/NDF : 598175.4/9

In: 1359.138+/-0.723 χ^2/NDF : 472243.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.449+/-0.486 χ^2/NDF : 598175.4/9

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 4124.476+/-2655.640 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2005.532+/-1908.465 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

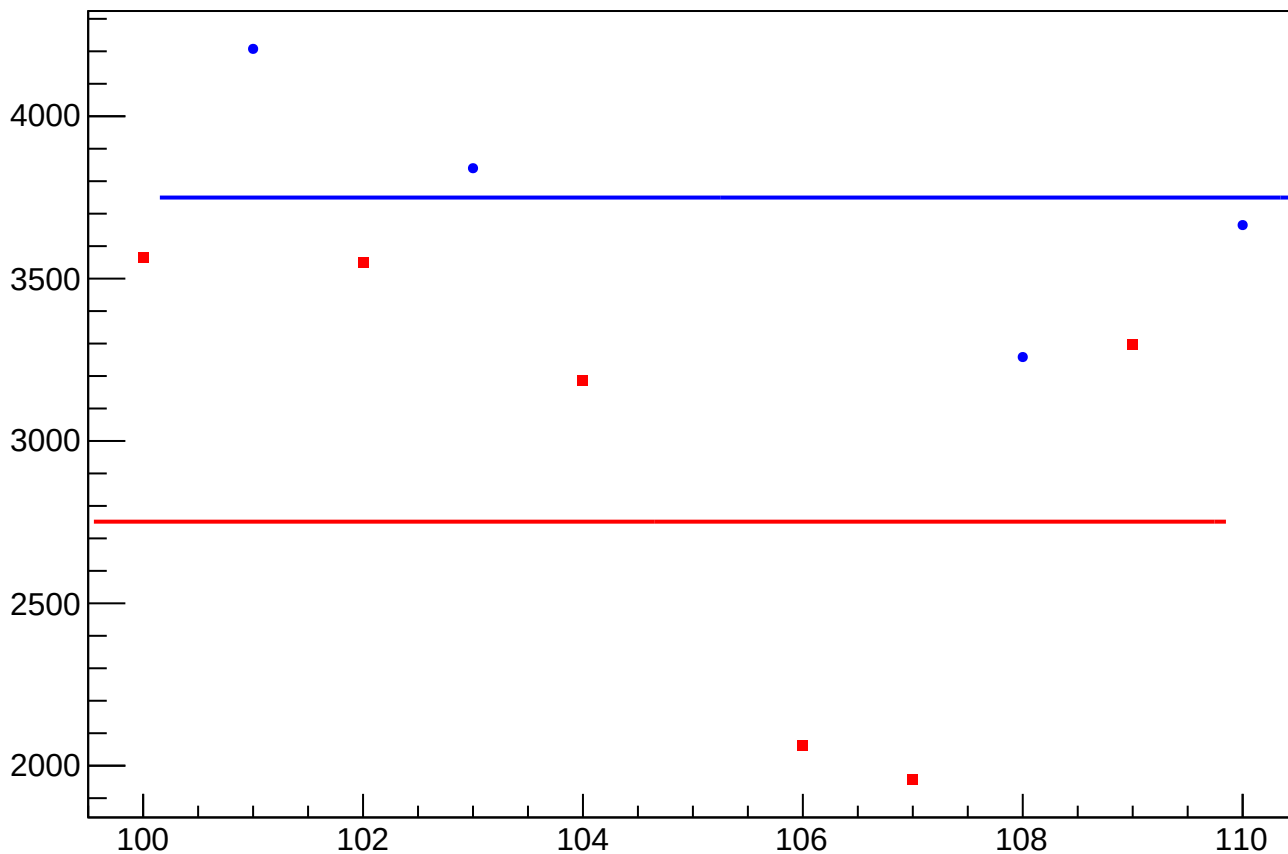
Right: 82.140+/-1549.779 χ^2/NDF : 9.4/9

In: 4124.476+/-2655.640 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.140+/-1549.779 χ^2/NDF : 9.4/9

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3749.637 $\pm$ 1.878 χ^2 /NDF: 34428.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2751.513 $\pm$ 1.349 χ^2 /NDF: 253868.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

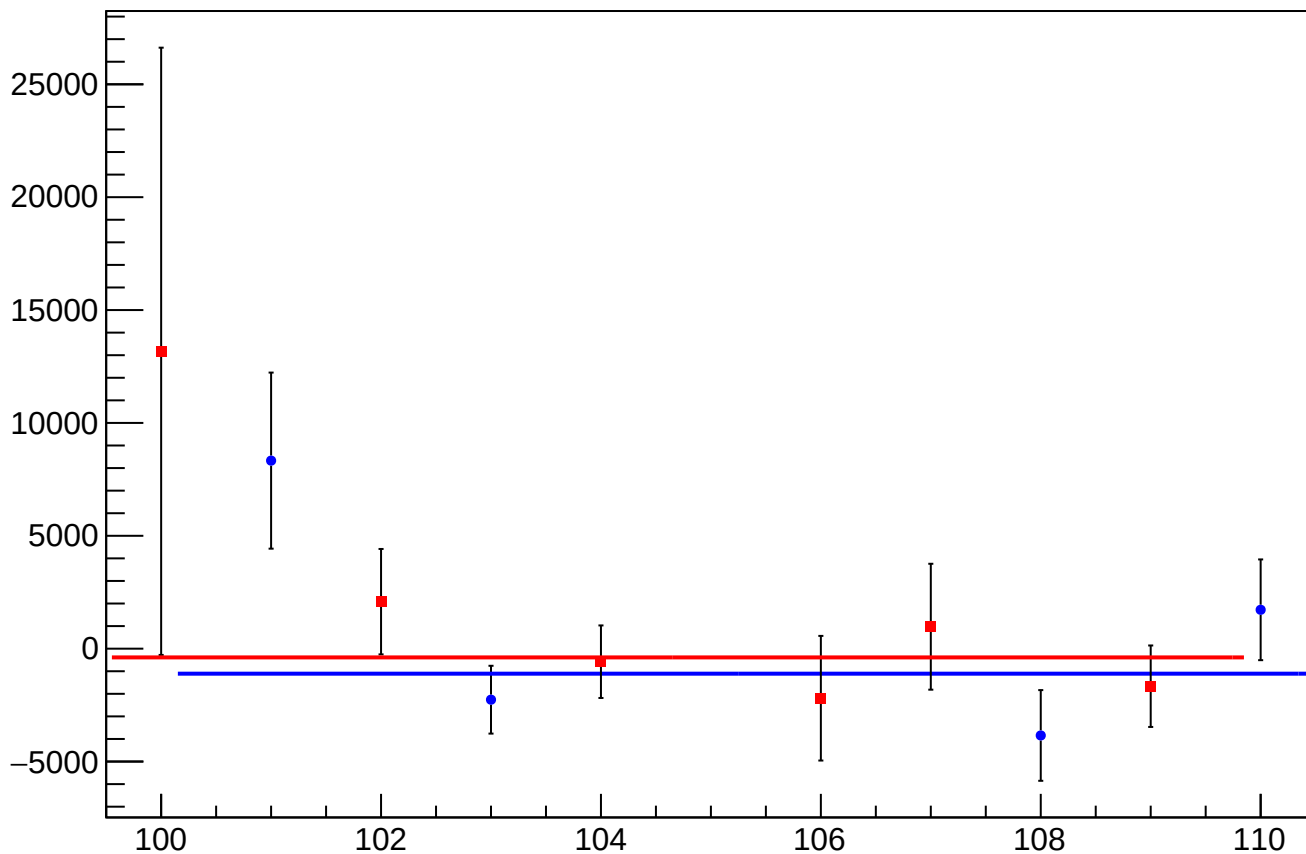
Right: 3091.440 $\pm$ 1.096 χ^2 /NDF: 474605.3/9

In: 3749.637 $\pm$ 1.878 χ^2 /NDF:34428.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3091.440 $\pm$ 1.096 χ^2 /NDF: 474605.3/9

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1107.976 ± 1021.872 χ^2/NDF : 9.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -387.255 ± 935.226 χ^2/NDF : 3.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

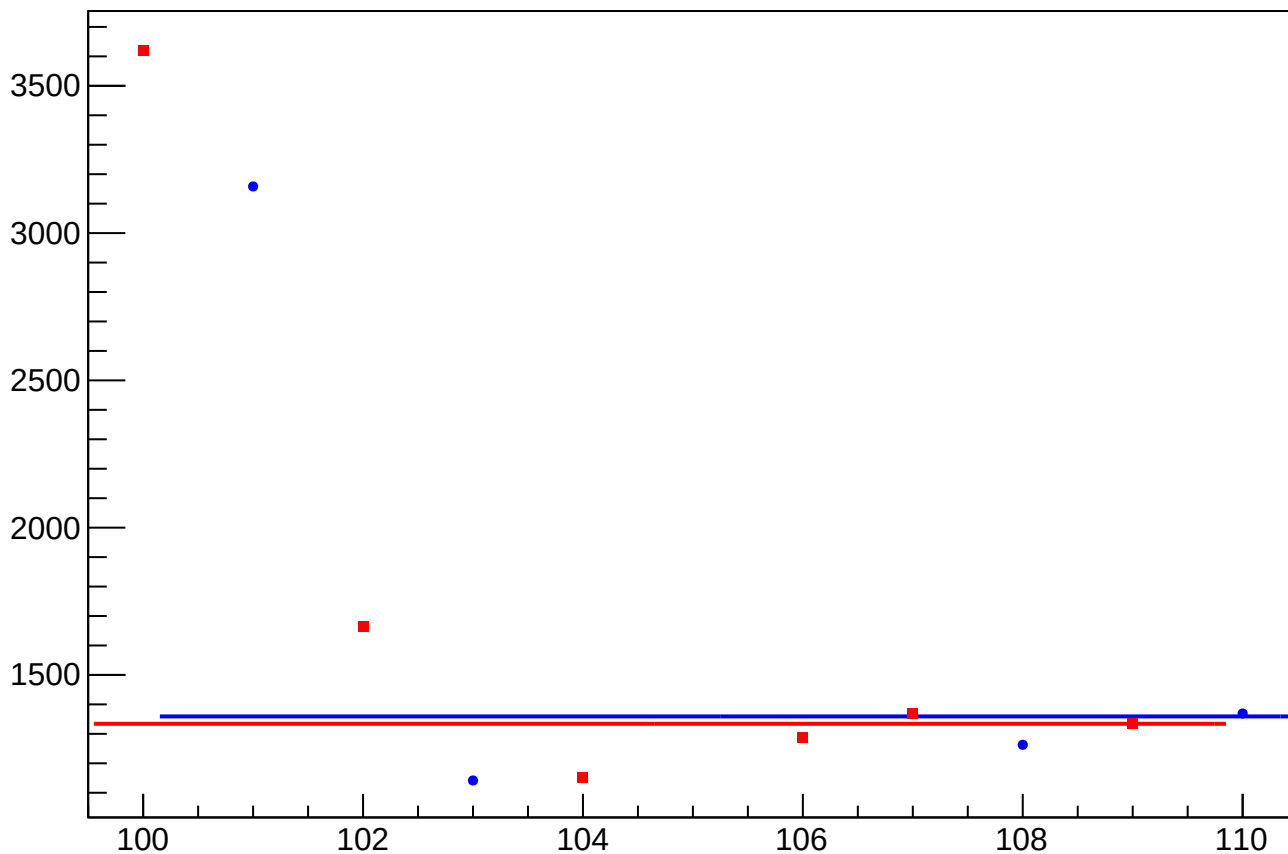
Right: -715.770 ± 689.907 χ^2/NDF : 13.5/9

In: -1107.976 ± 1021.872 χ^2/NDF : 9.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -715.770 ± 689.907 χ^2/NDF : 13.5/9

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1359.138+/-0.723 χ^2/NDF : 472243.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.137+/-0.657 χ^2/NDF : 125276.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

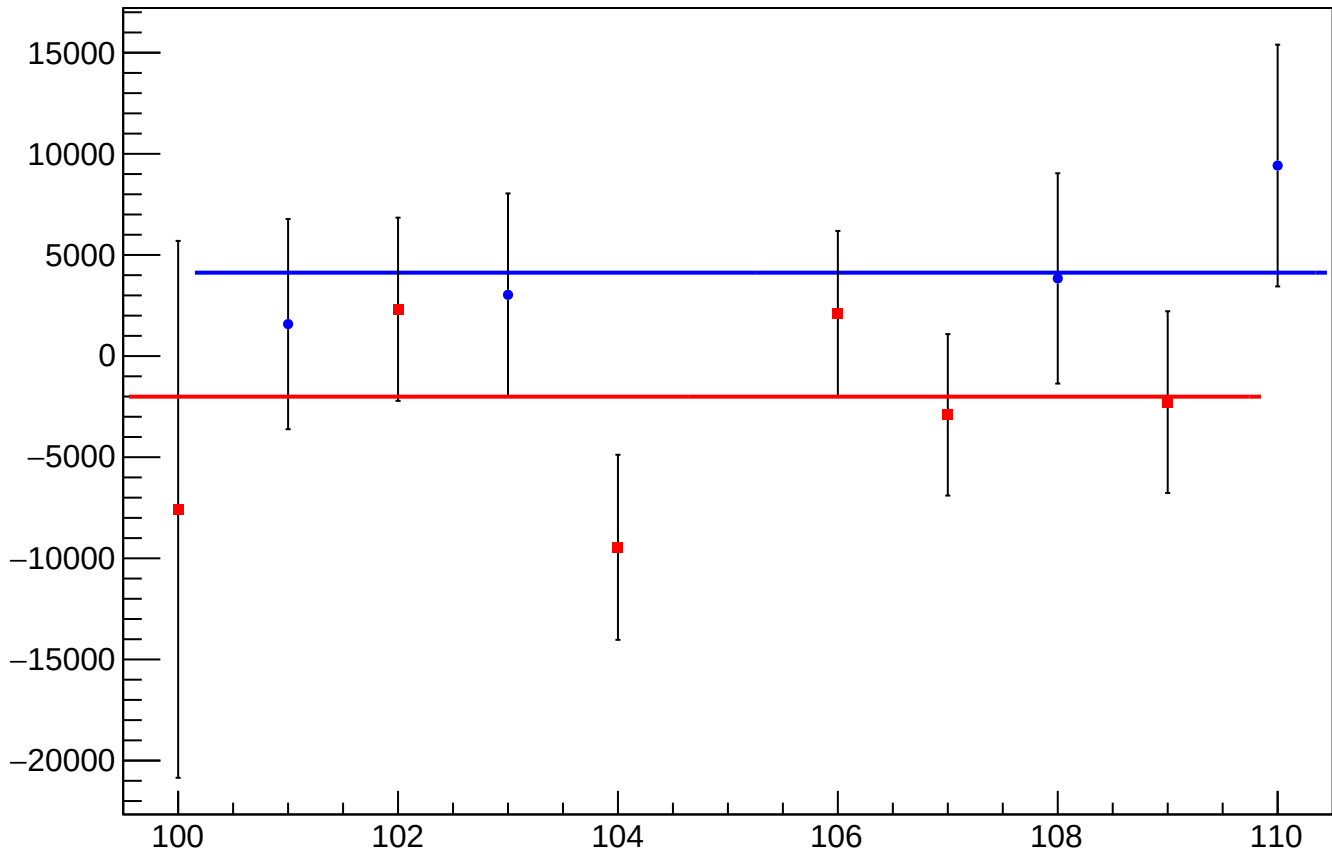
Right: 1345.449+/-0.486 χ^2/NDF : 598175.4/9

In: 1359.138+/-0.723 χ^2/NDF : 472243.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.449+/-0.486 χ^2/NDF : 598175.4/9

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 4124.476+/-2655.640 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2005.532+/-1908.465 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

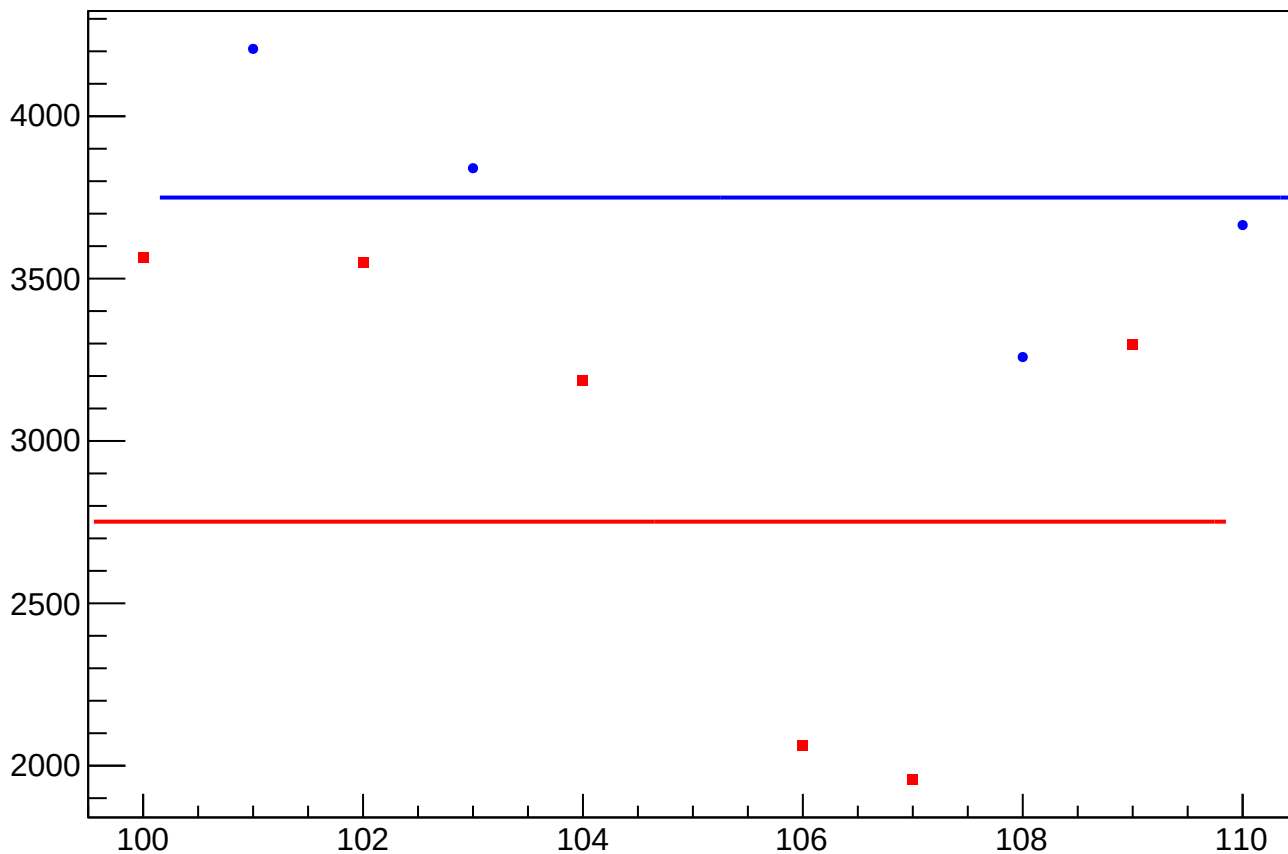
Right: 82.140+/-1549.779 χ^2/NDF : 9.4/9

In: 4124.476+/-2655.640 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.140+/-1549.779 χ^2/NDF : 9.4/9

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3749.637+/-1.878 χ^2/NDF : 34428.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2751.513+/-1.349 χ^2/NDF : 253868.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

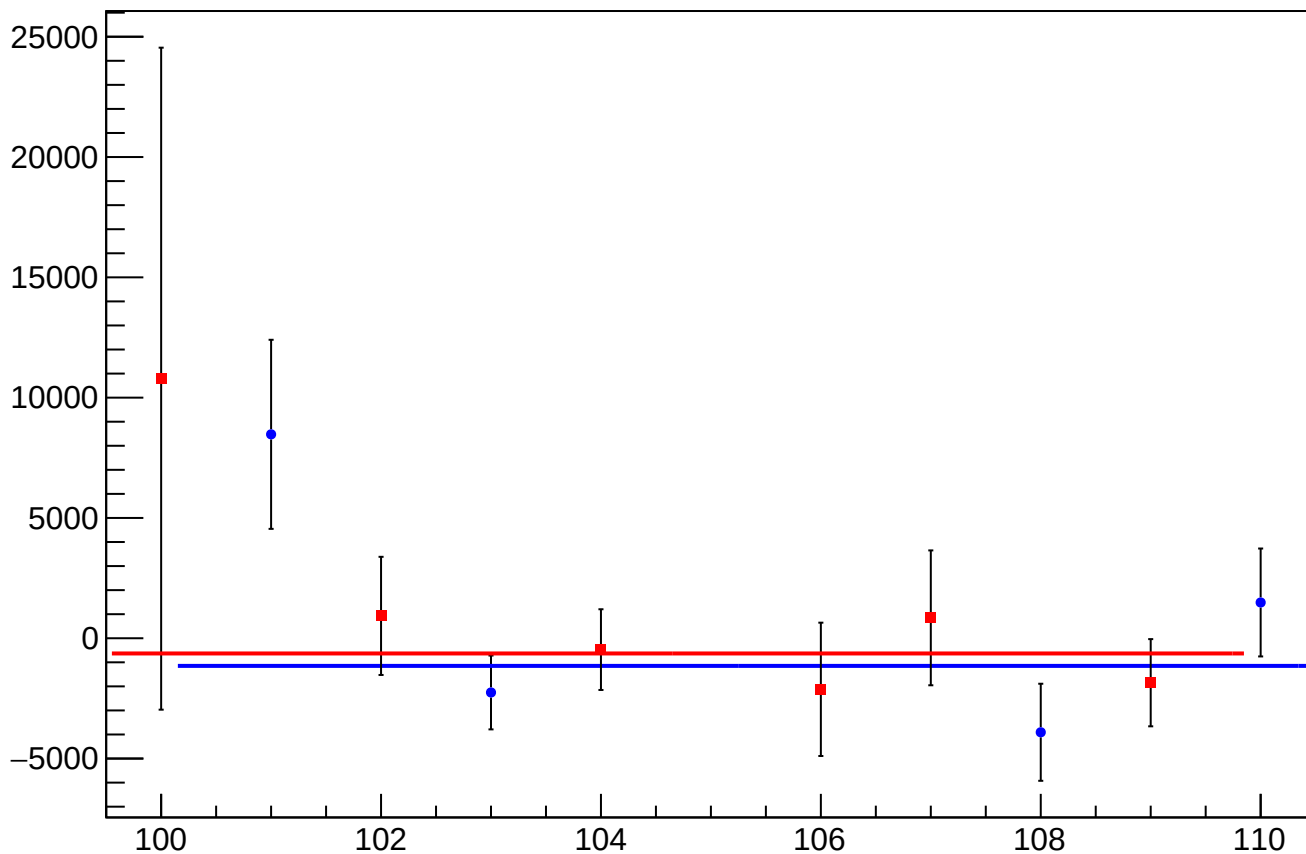
Right: 3091.440+/-1.096 χ^2/NDF : 474605.3/9

In: 3749.637+/-1.878 χ^2/NDF : 34428.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3091.440+/-1.096 χ^2/NDF : 474605.3/9

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1148.663+/-1034.623 χ^2/NDF : 9.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -631.990+/-958.419 χ^2/NDF : 2.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

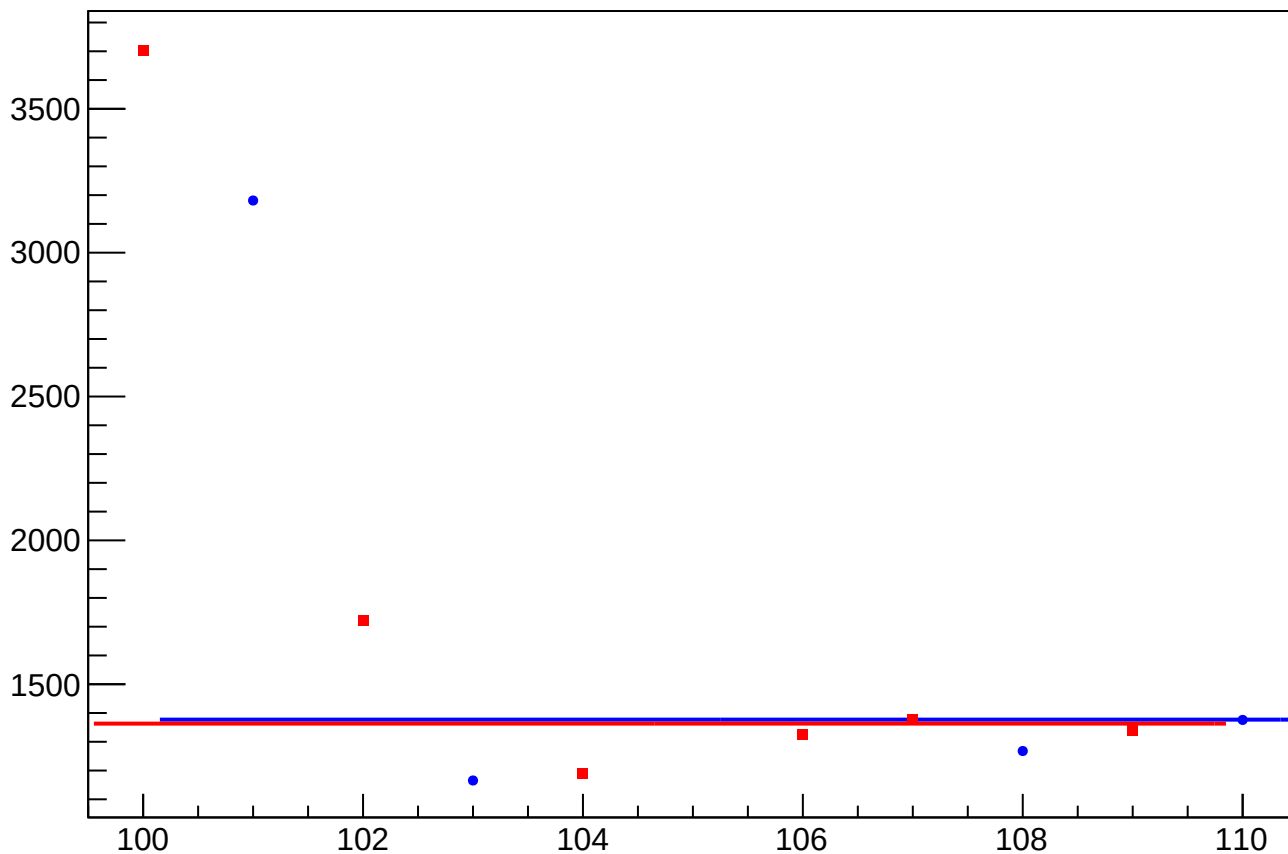
Right: -870.601+/-703.103 χ^2/NDF : 12.0/9

In: -1148.663+/-1034.623 χ^2/NDF : 9.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -870.601+/-703.103 χ^2/NDF : 12.0/9

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1376.966+/-0.732 χ^2/NDF : 465616.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1363.109+/-0.676 χ^2/NDF : 122428.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

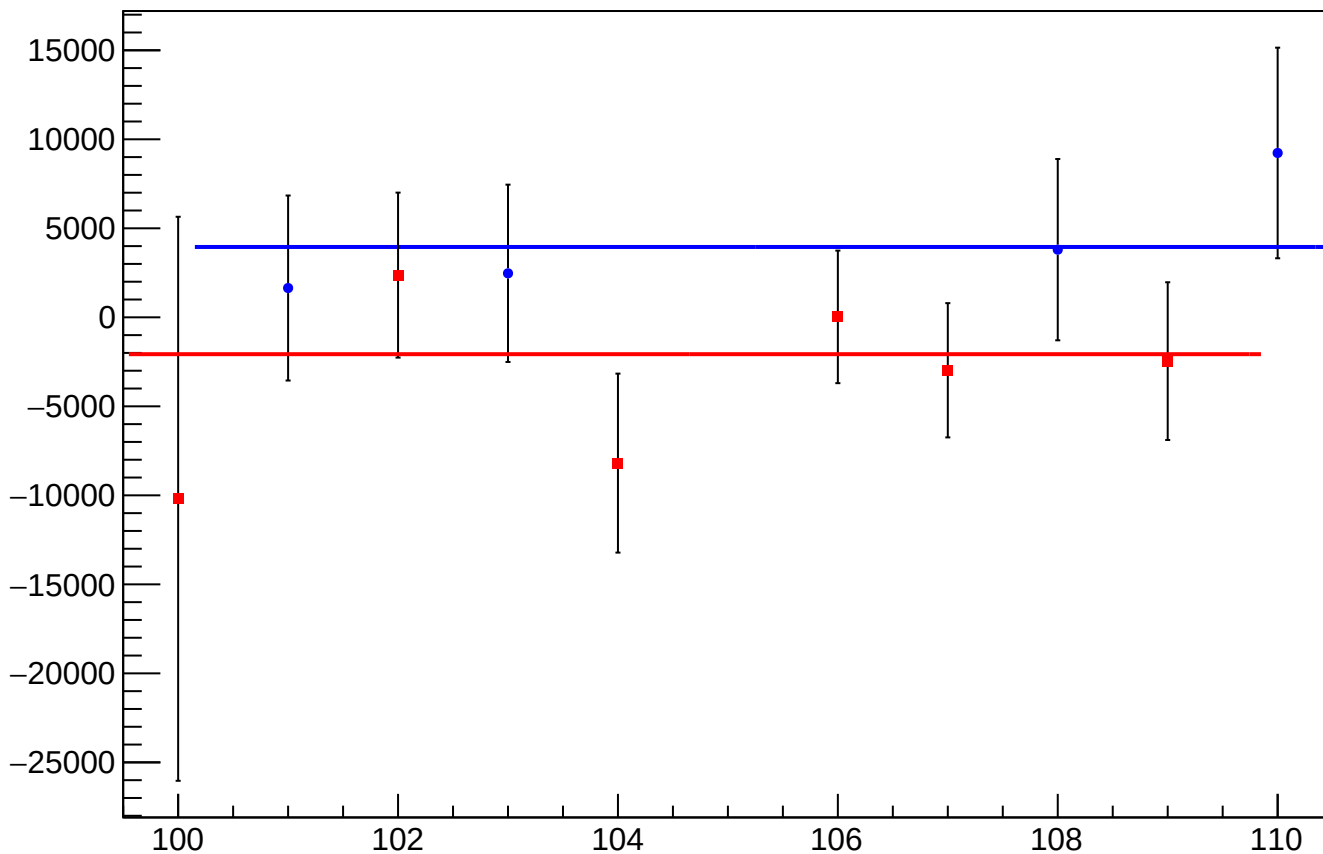
Right: 1369.489+/-0.496 χ^2/NDF : 588239.2/9

In: 1376.966+/-0.732 χ^2/NDF : 465616.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.489+/-0.496 χ^2/NDF : 588239.2/9

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3951.694+/-2630.587 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2070.568+/-1877.935 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

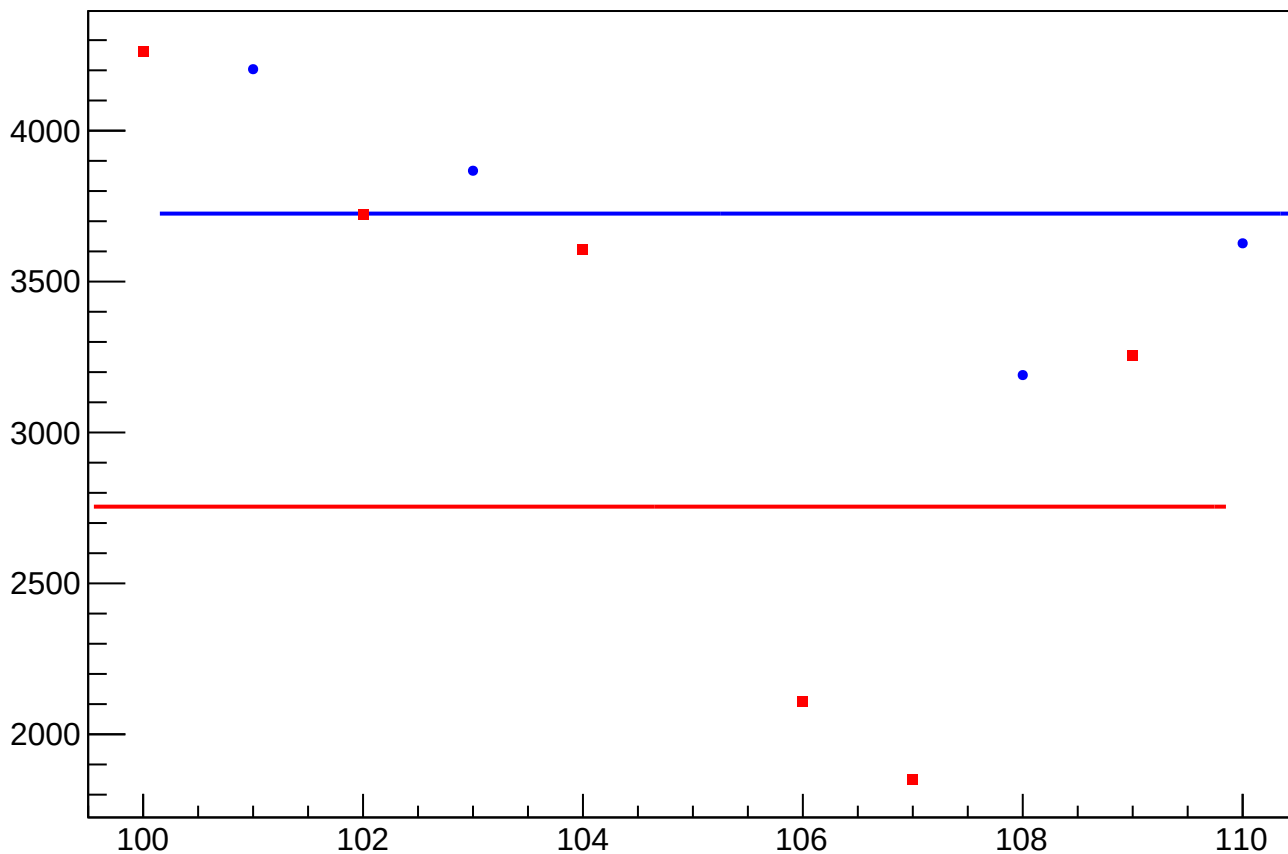
Right: -37.534+/-1528.429 χ^2/NDF : 7.6/9

In: 3951.694+/-2630.587 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.534+/-1528.429 χ^2/NDF : 7.6/9

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3725.270+/-1.860 χ^2/NDF : 41221.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2754.284+/-1.328 χ^2/NDF : 364191.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

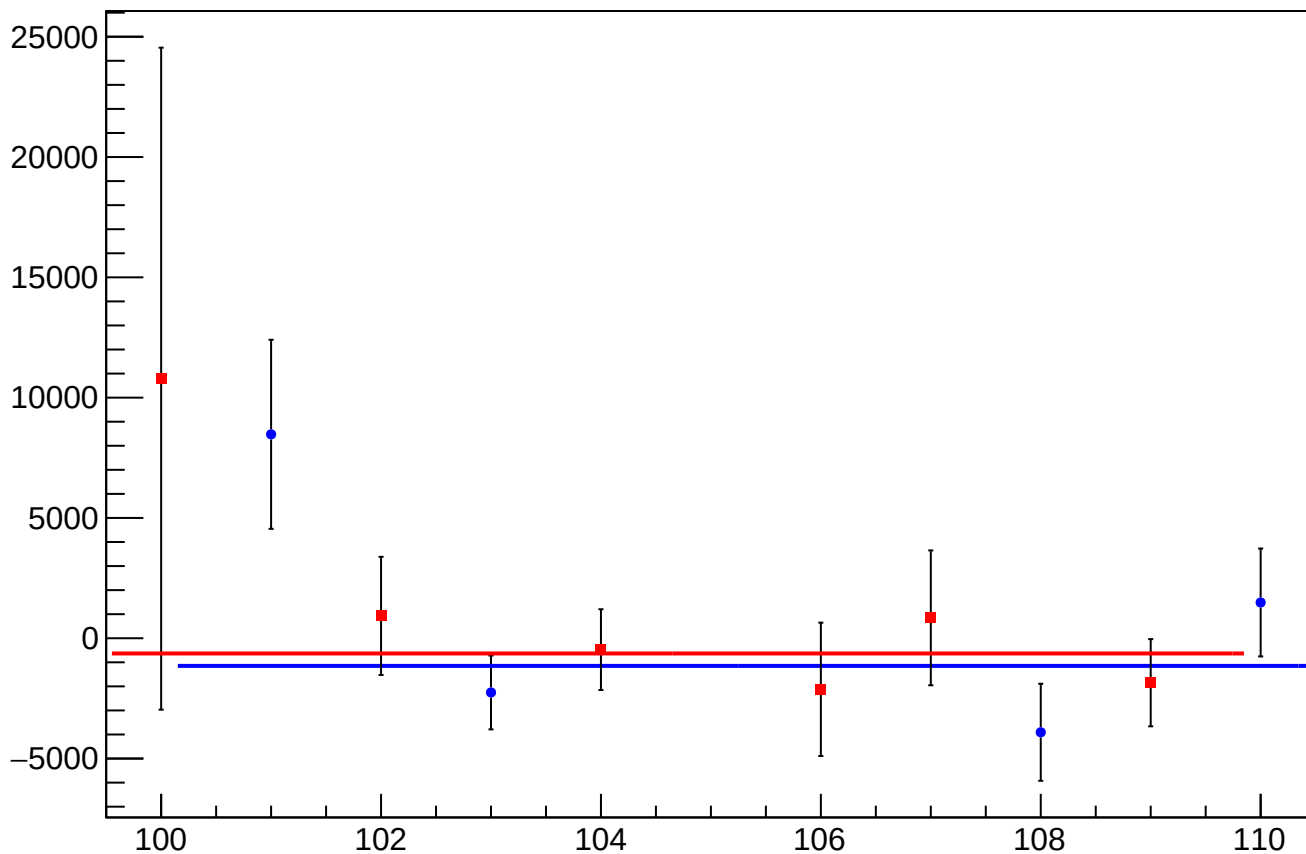
Right: 3082.076+/-1.081 χ^2/NDF : 585913.7/9

In: 3725.270+/-1.860 χ^2/NDF : 41221.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3082.076+/-1.081 χ^2/NDF : 585913.7/9

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1148.671+/-1034.623 χ^2/NDF : 9.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -631.997+/-958.419 χ^2/NDF : 2.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

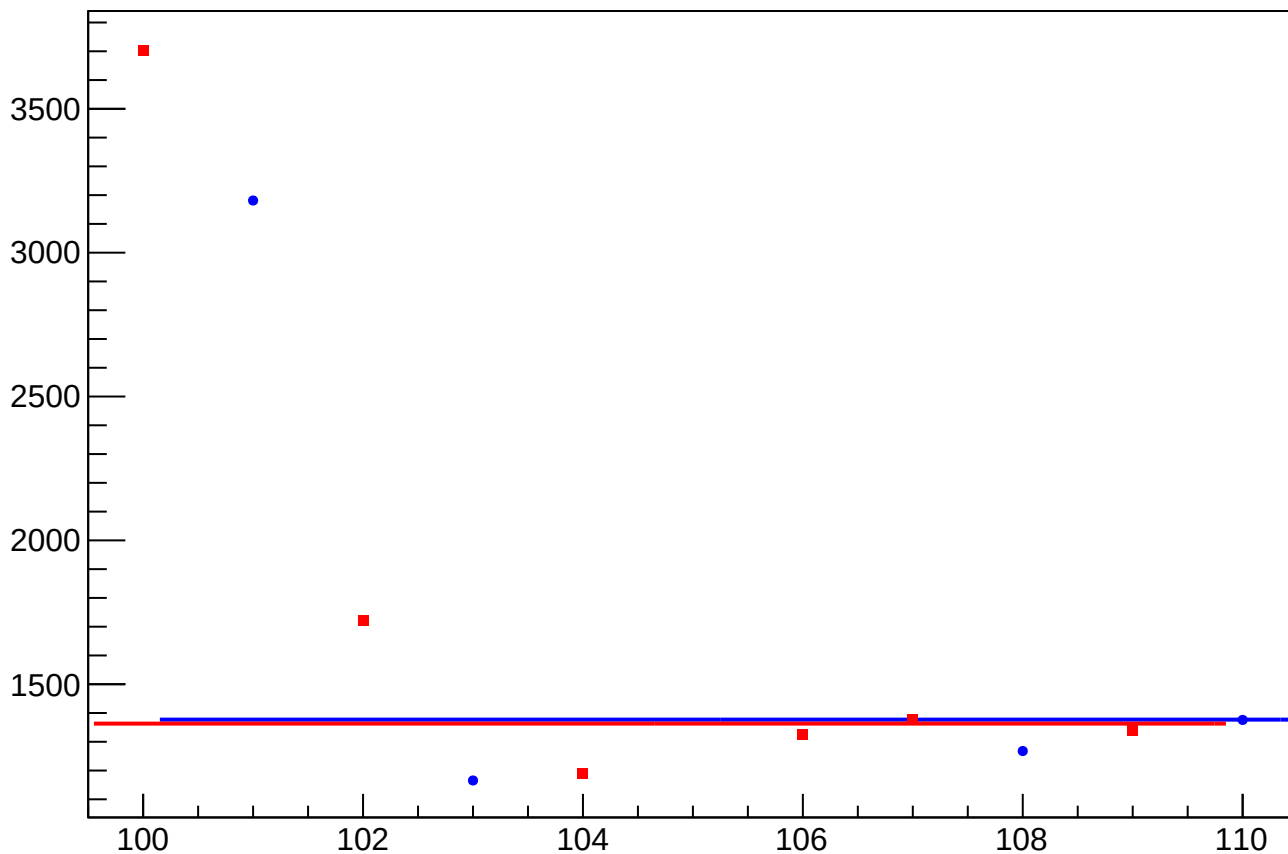
Right: -870.608+/-703.103 χ^2/NDF : 12.0/9

In: -1148.671+/-1034.623 χ^2/NDF : 9.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -870.608+/-703.103 χ^2/NDF : 12.0/9

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1376.966+/-0.732 χ^2/NDF : 465616.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1363.109+/-0.676 χ^2/NDF : 122429.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

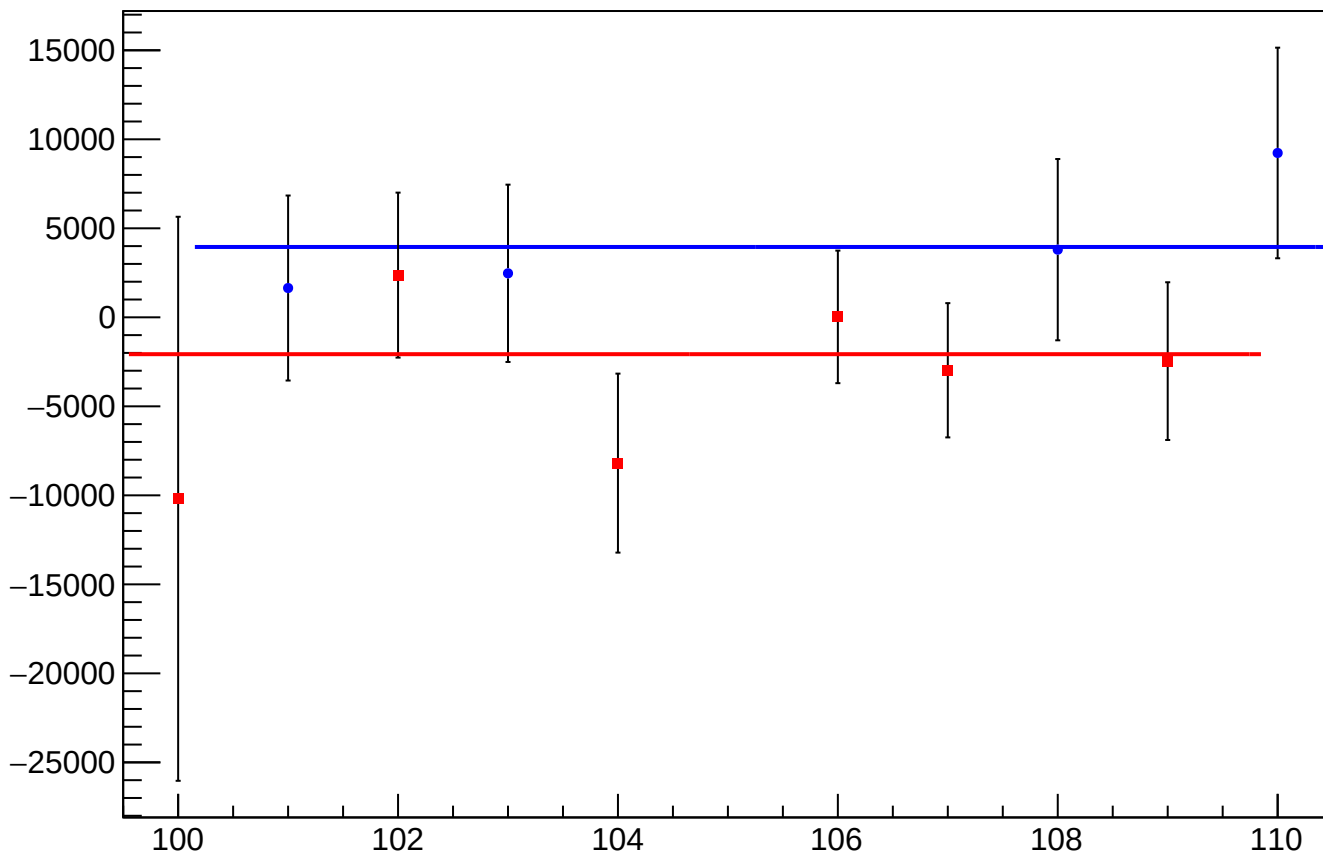
Right: 1369.489+/-0.496 χ^2/NDF : 588239.3/9

In: 1376.966+/-0.732 χ^2/NDF : 465616.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.489+/-0.496 χ^2/NDF : 588239.3/9

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3951.695+/-2630.585 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2070.573+/-1877.932 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

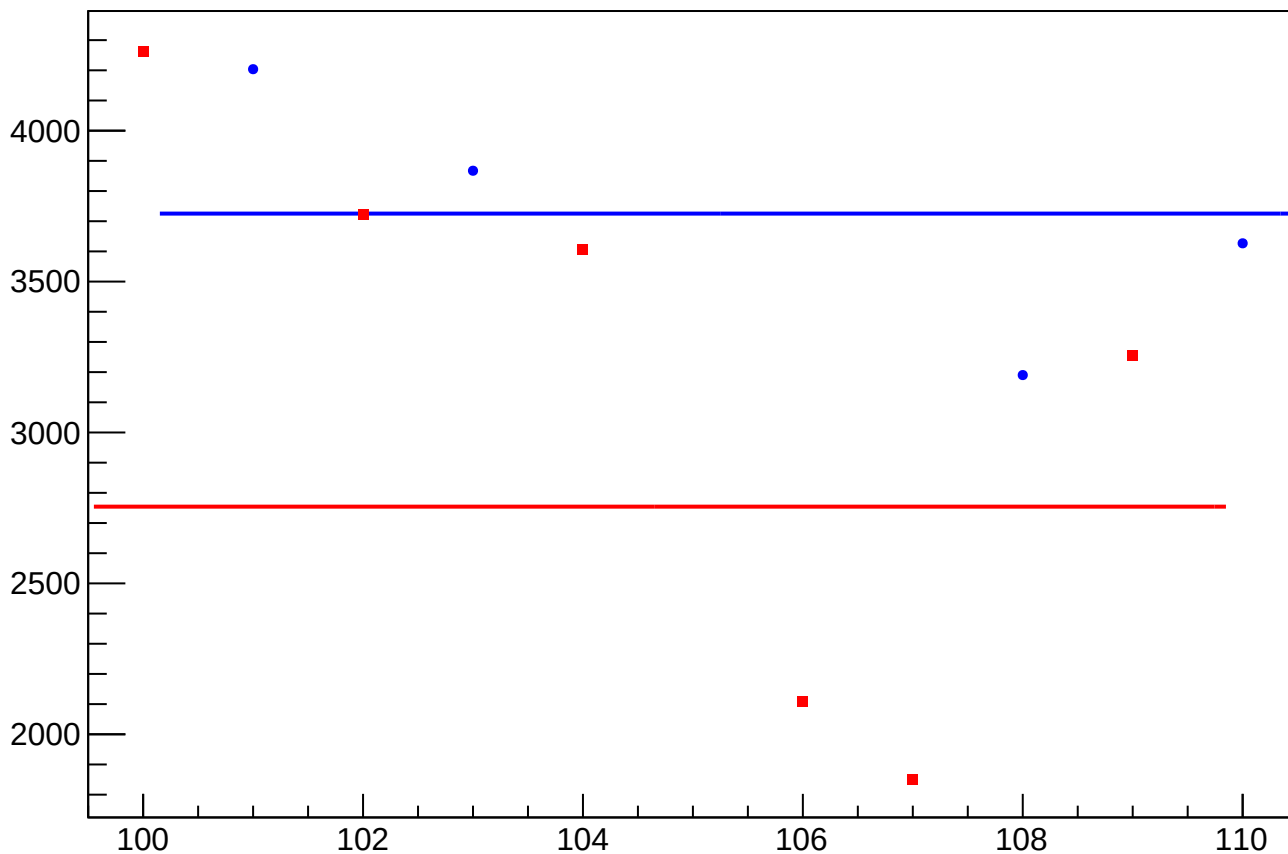
Right: -37.539+/-1528.427 χ^2/NDF : 7.6/9

In: 3951.695+/-2630.585 χ^2/NDF :1.1/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -37.539+/-1528.427 χ^2/NDF : 7.6/9

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3725.267+/-1.860 χ^2/NDF : 41221.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2754.279+/-1.328 χ^2/NDF : 364194.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

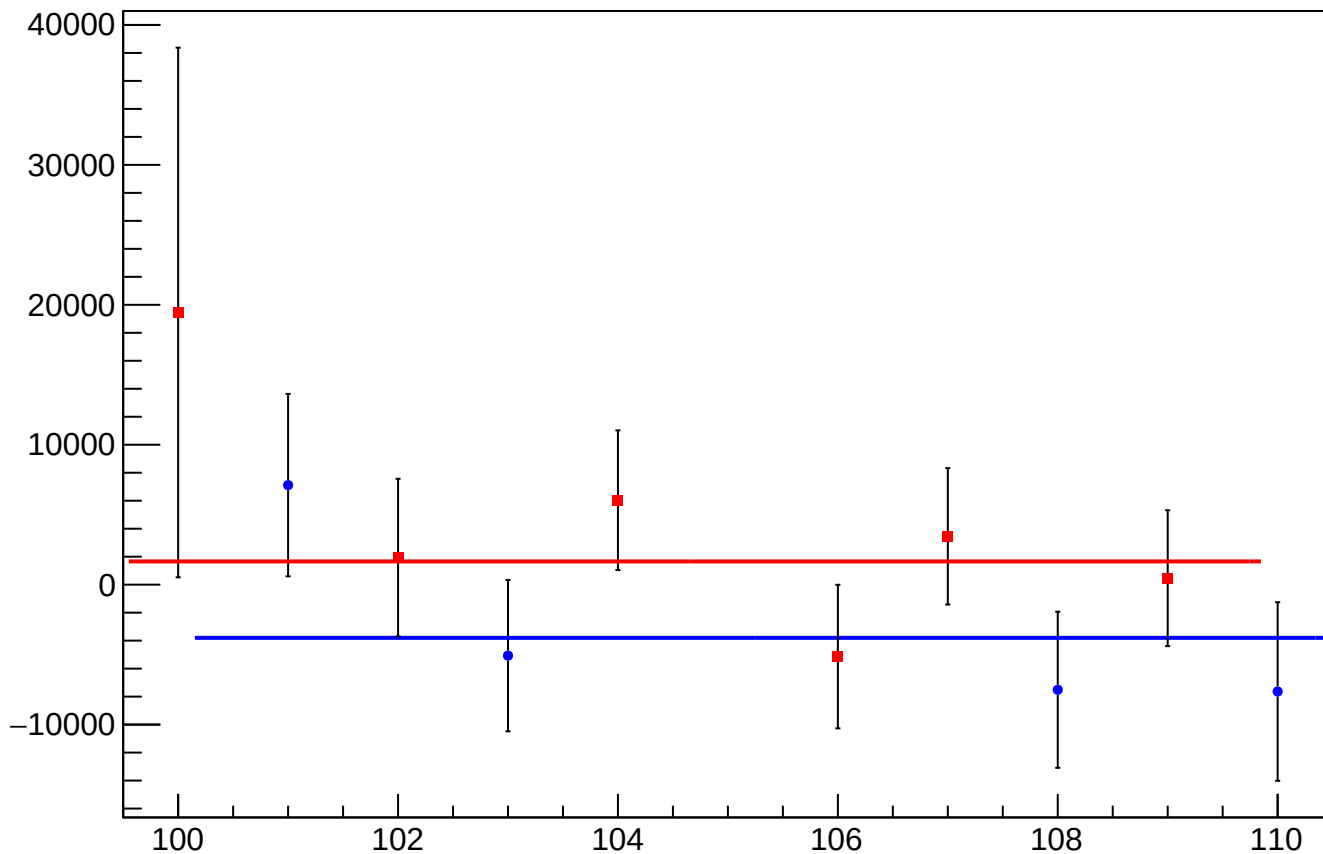
Right: 3082.071+/-1.081 χ^2/NDF : 585917.9/9

In: 3725.267+/-1.860 χ^2/NDF : 41221.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3082.071+/-1.081 χ^2/NDF : 585917.9/9

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -3799.910+/-2956.202 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1661.540+/-2253.686 χ^2/NDF : 3.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

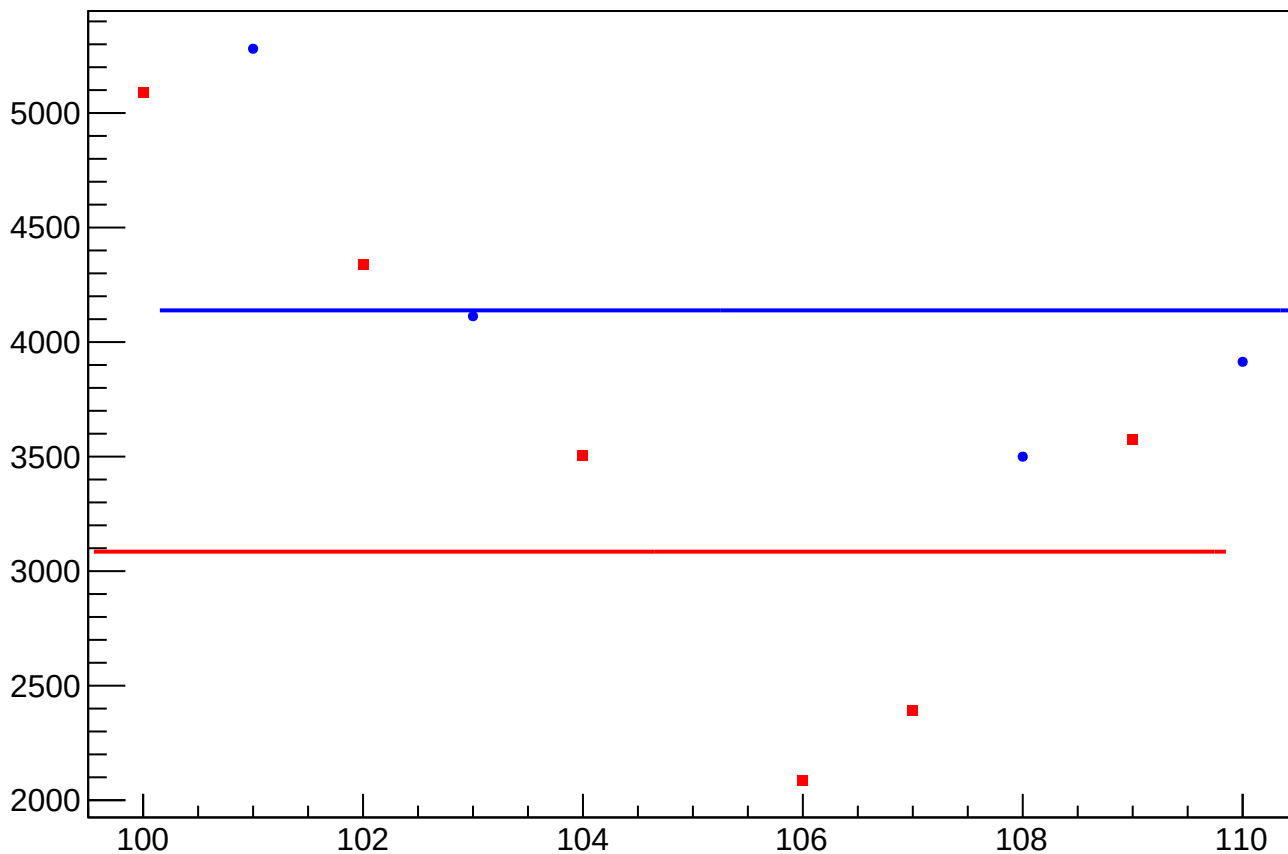
Right: -345.900+/-1792.261 χ^2/NDF : 9.4/9

In: -3799.910+/-2956.202 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.900+/-1792.261 χ^2/NDF : 9.4/9

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 4138.388+/-2.090 χ^2/NDF : 90136.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3085.054+/-1.534 χ^2/NDF : 302461.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

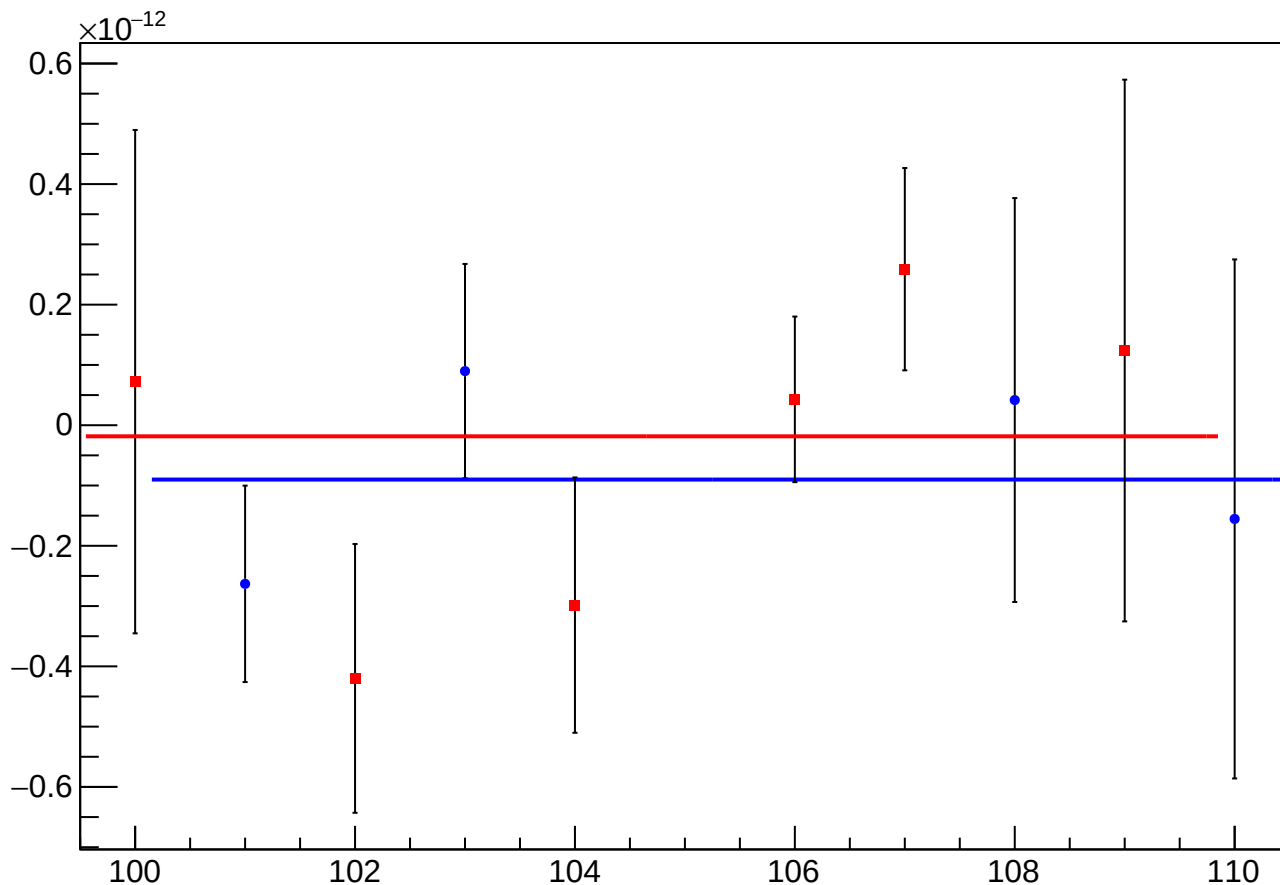
Right: 3453.774+/-1.237 χ^2/NDF : 557644.1/9

In: 4138.388+/-2.090 χ^2/NDF : 90136.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3453.774+/-1.237 χ^2/NDF : 557644.1/9

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

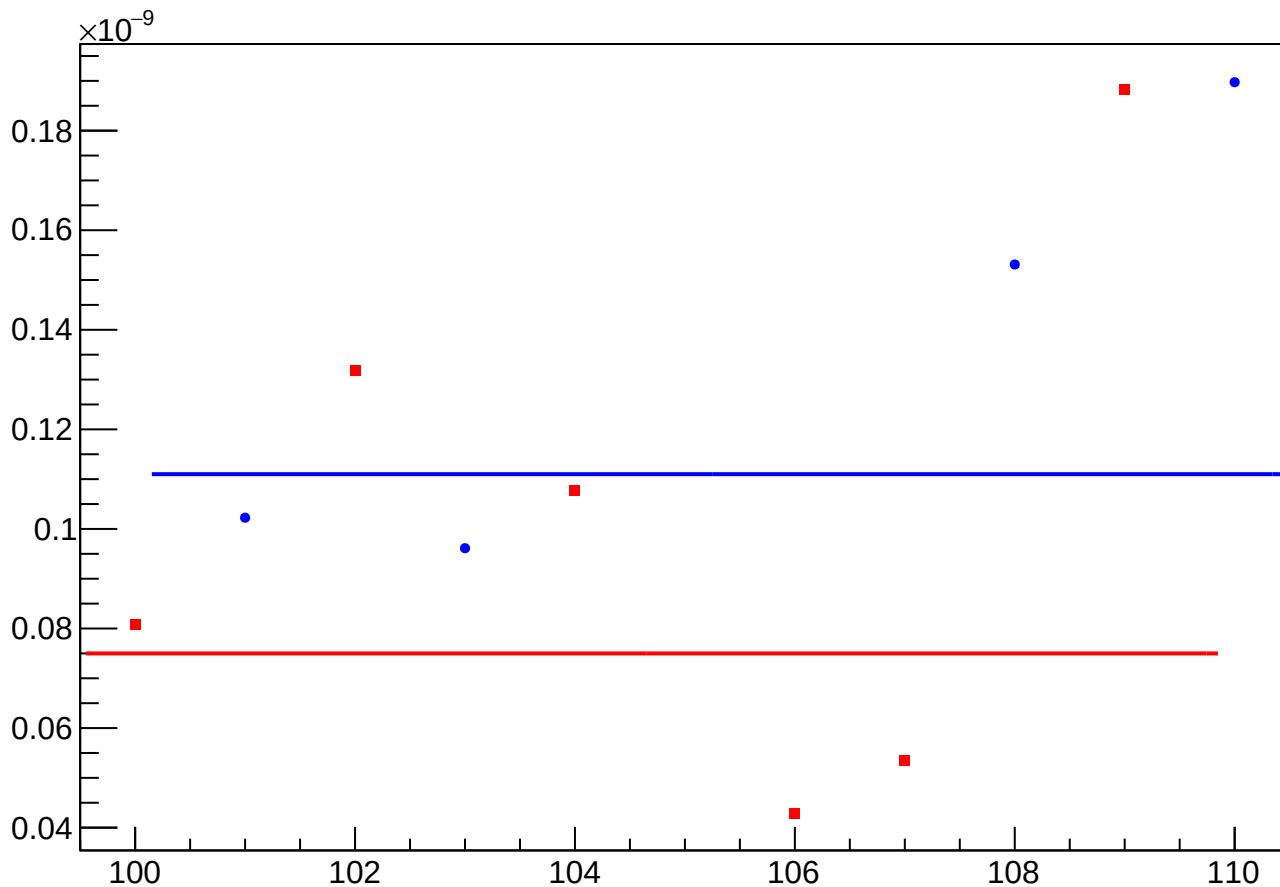
Right: -0.000+/-0.000 χ^2/NDF : 10.7/9

In: -0.000+/-0.000 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.7/9

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 118258.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 447358.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

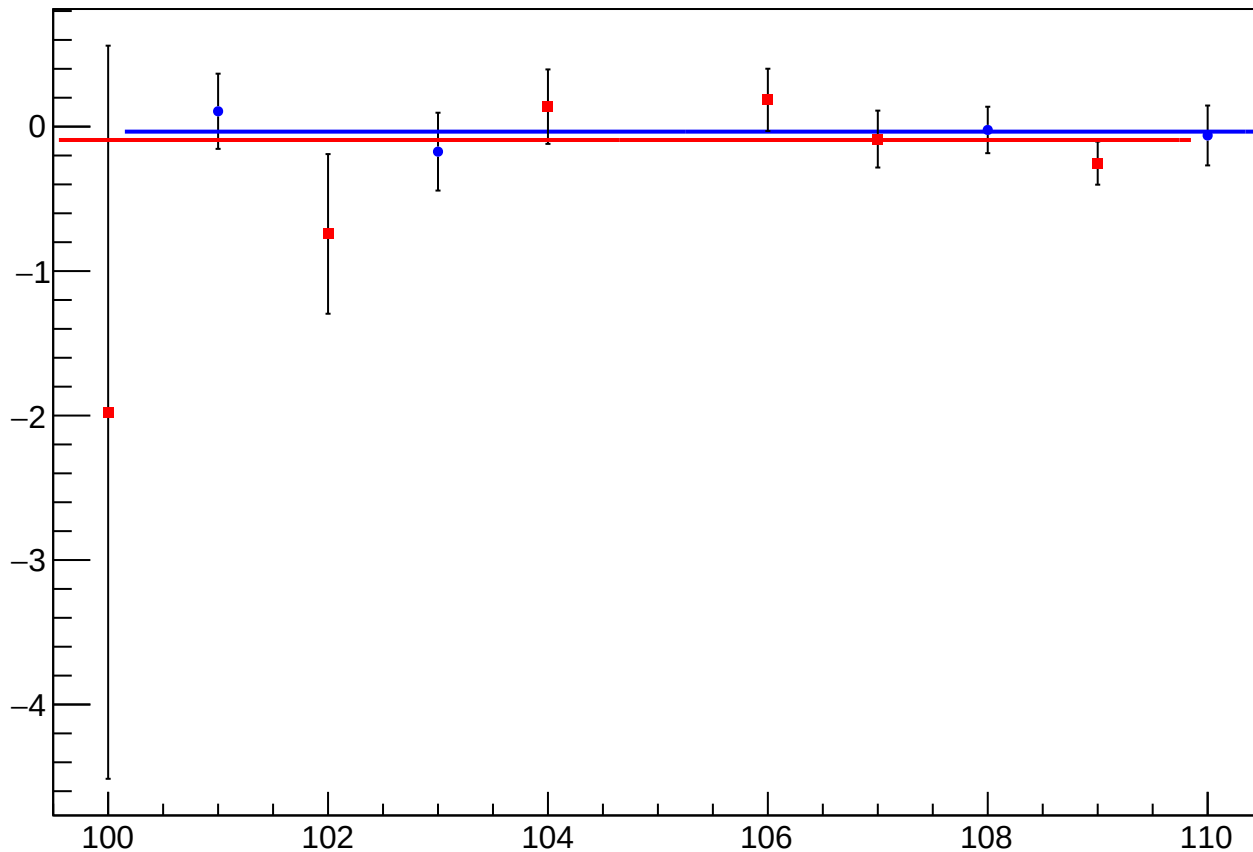
Right: 0.000+/-0.000 χ^2/NDF : 701983.6/9

In: 0.000+/-0.000 χ^2/NDF : 118258.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 701983.6/9

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.105 χ^2/NDF : 0.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.093 ± 0.095 χ^2/NDF : 5.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

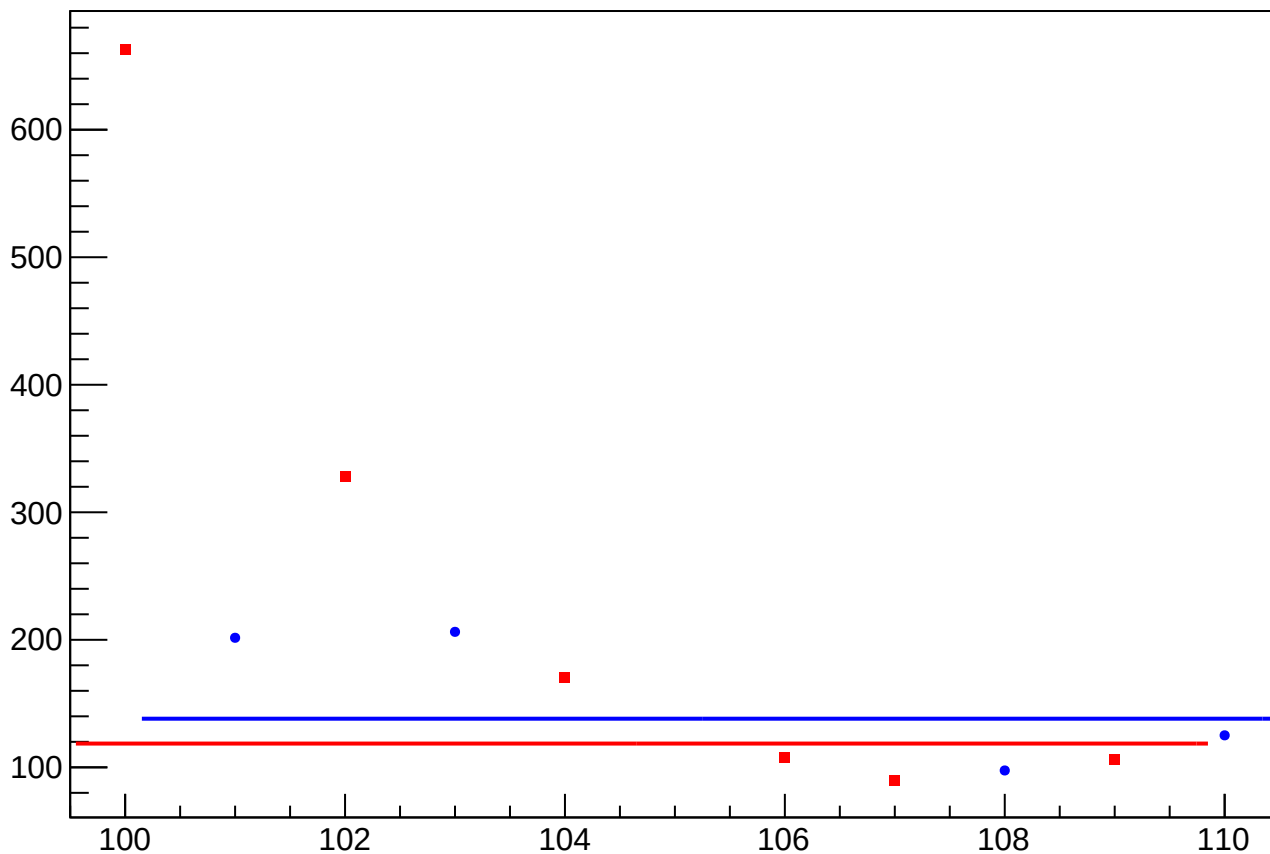
Right: -0.067 ± 0.070 χ^2/NDF : 6.3/9

In: -0.035 ± 0.105 χ^2/NDF : 0.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.067 ± 0.070 χ^2/NDF : 6.3/9

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.140+/-0.074 χ^2/NDF : 382302.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.645+/-0.067 χ^2/NDF : 522364.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

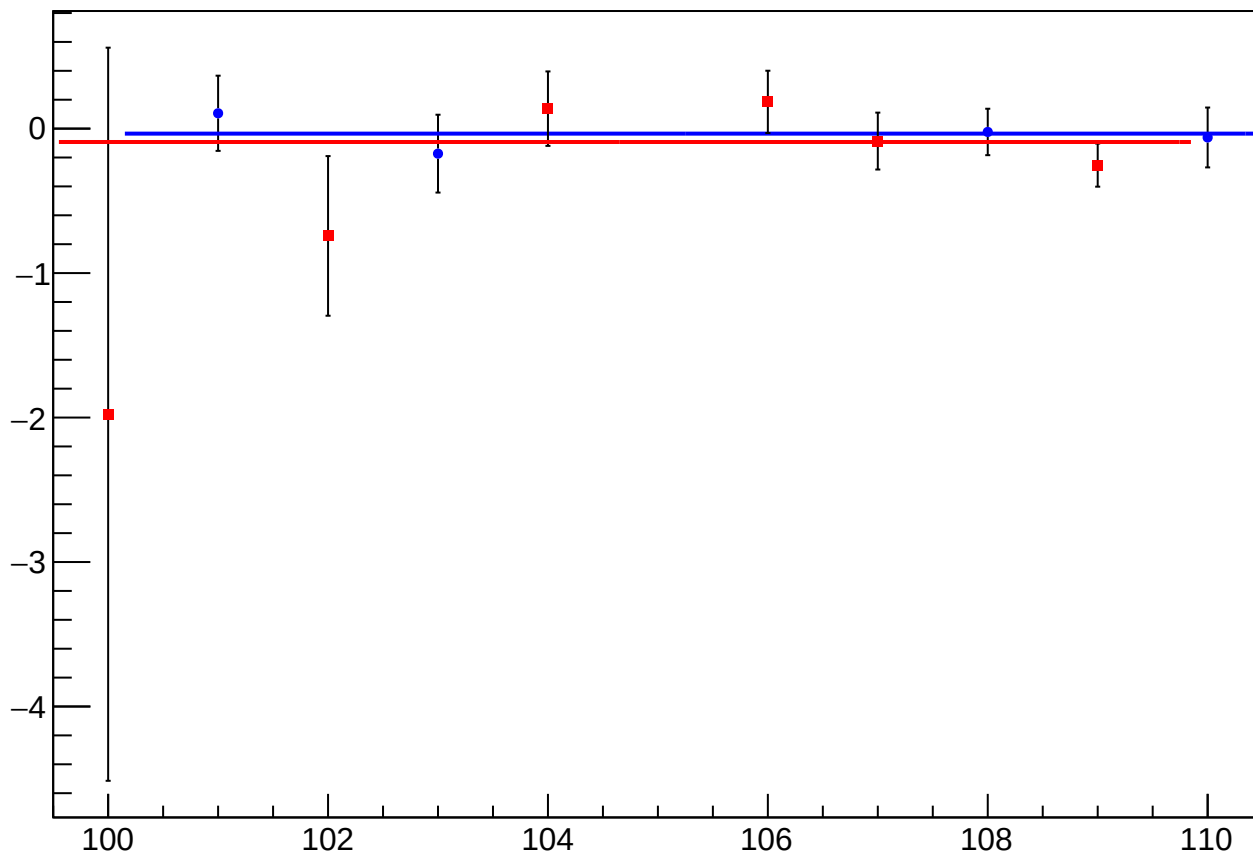
Right: 127.418+/-0.050 χ^2/NDF : 942525.2/9

In: 138.140+/-0.074 χ^2/NDF : 382302.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.418+/-0.050 χ^2/NDF : 942525.2/9

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 $\pm$ 0.105 χ^2 /NDF: 0.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.093 $\pm$ 0.095 χ^2 /NDF: 5.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

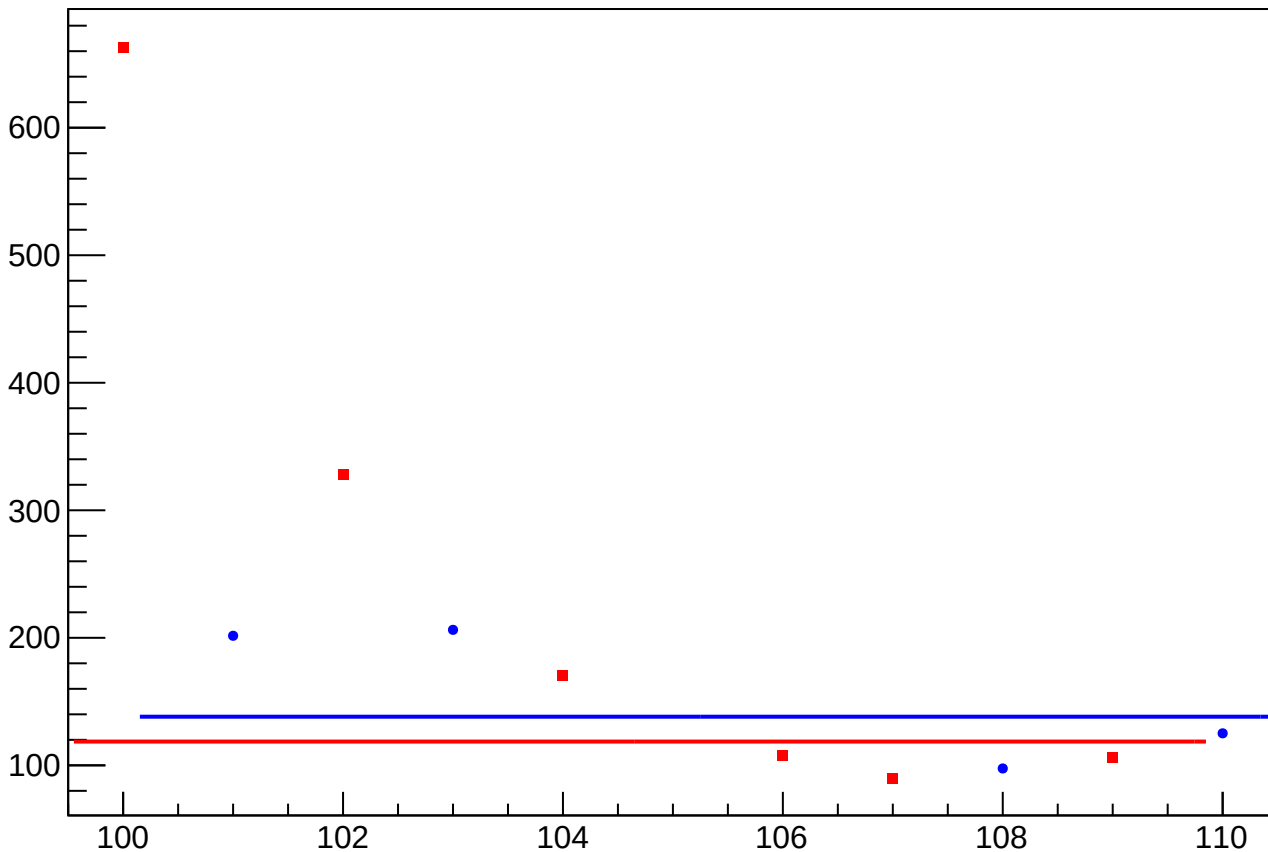
Right: -0.067 $\pm$ 0.070 χ^2 /NDF: 6.3/9

In: -0.035 $\pm$ 0.105 χ^2 /NDF: 0.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.067 $\pm$ 0.070 χ^2 /NDF: 6.3/9

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.140+/-0.074 χ^2/NDF : 382302.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.645+/-0.067 χ^2/NDF : 522364.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

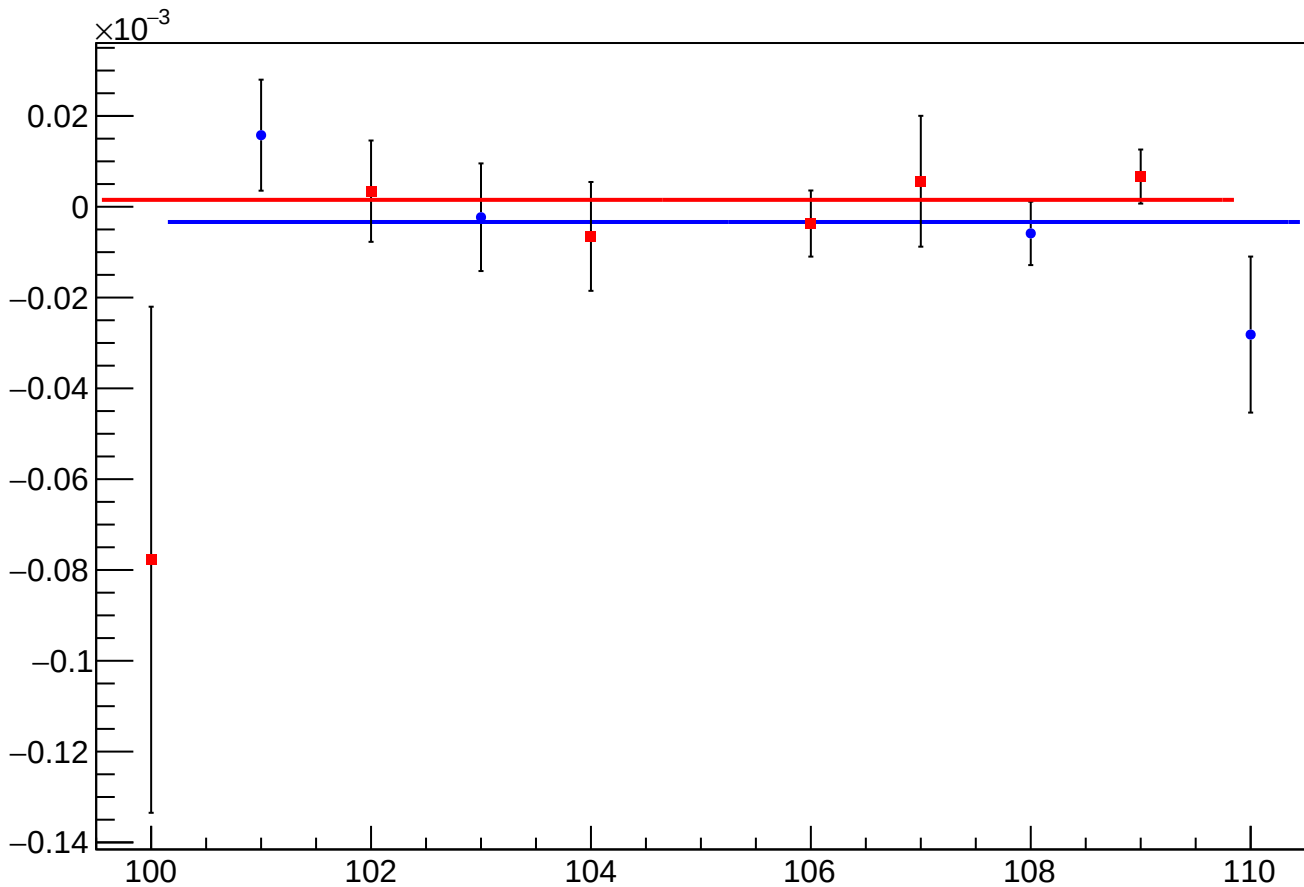
Right: 127.418+/-0.050 χ^2/NDF : 942525.2/9

In: 138.140+/-0.074 χ^2/NDF : 382302.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.418+/-0.050 χ^2/NDF : 942525.2/9

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ -0.000 χ^2 /NDF: 4.7/3

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ -0.000 χ^2 /NDF: 3.8/5

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

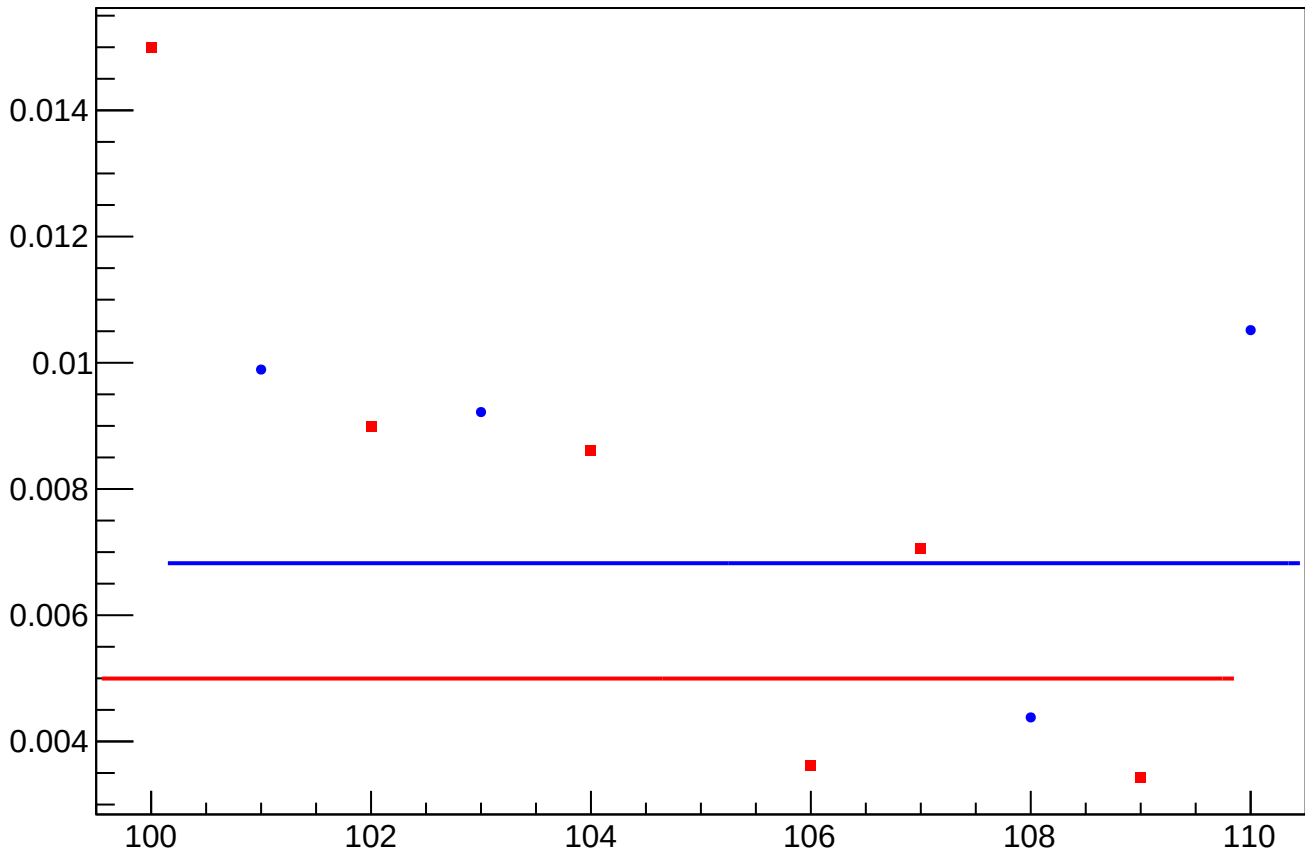
Right: -0.000 $\pm$ -0.000 χ^2 /NDF: 9.1/9

In: -0.000 $\pm$ -0.000 χ^2 /NDF:4.7/3

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ -0.000 χ^2 /NDF: 9.1/9

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 544761.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 754897.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

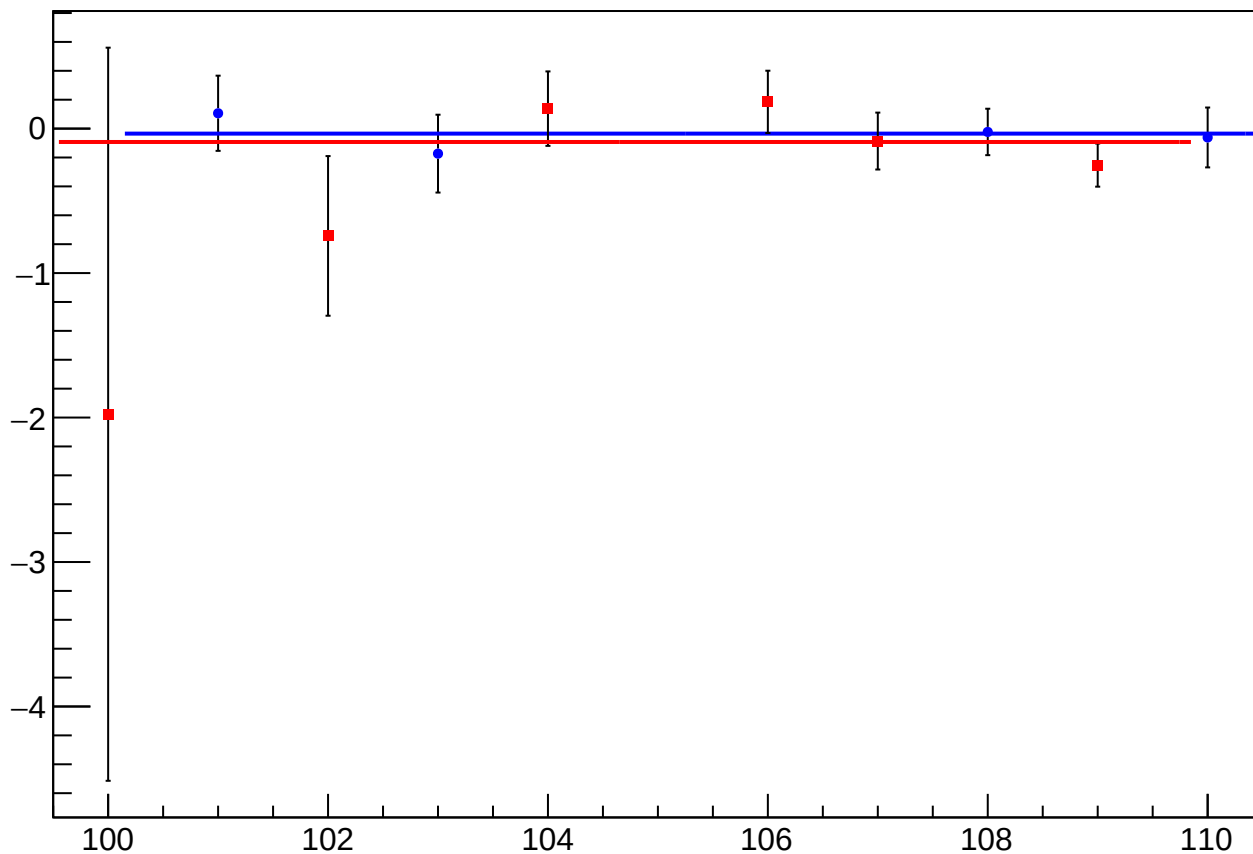
Right: 0.006+/-0.000 χ^2/NDF : 1460995.7/9

In: 0.007+/-0.000 χ^2/NDF : 544761.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1460995.7/9

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 $\pm$ 0.105 χ^2 /NDF: 0.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.093 $\pm$ 0.095 χ^2 /NDF: 5.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

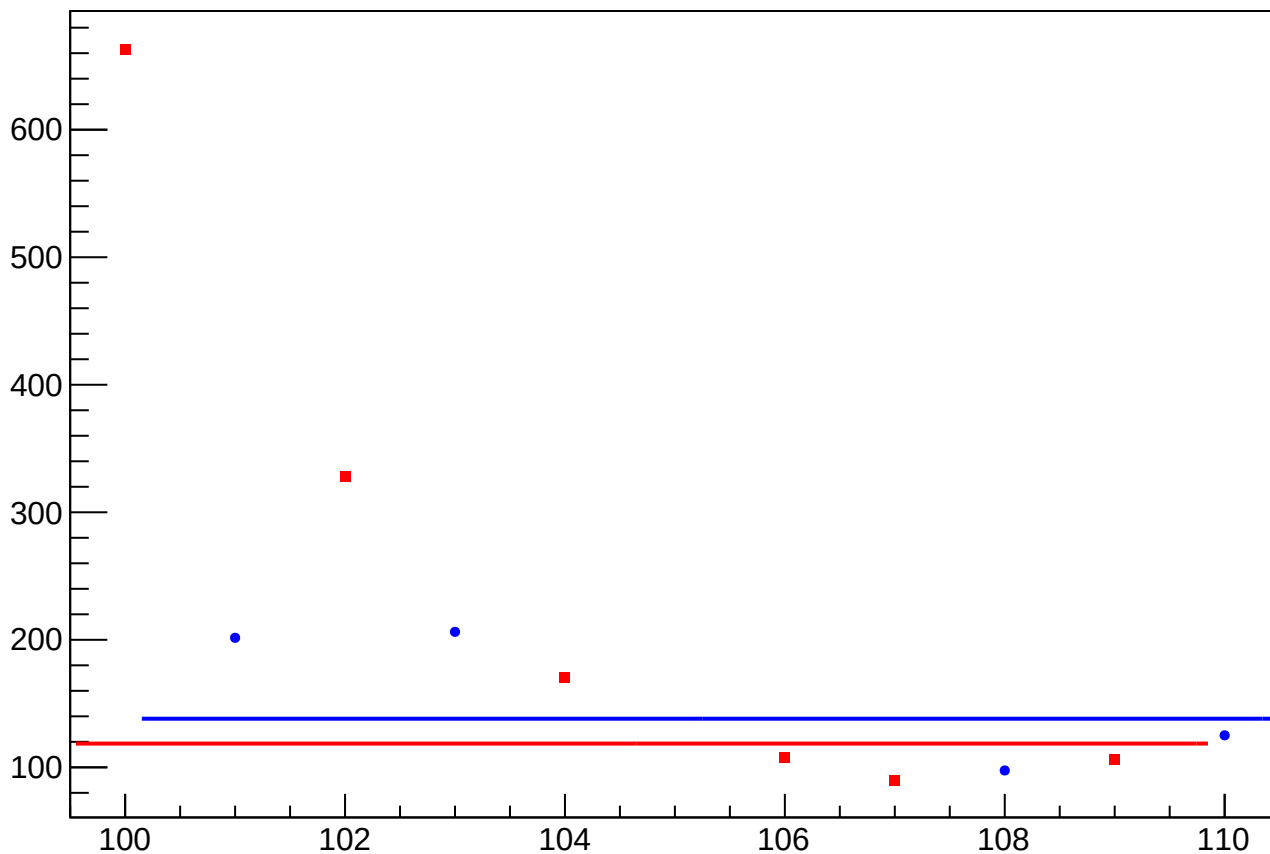
Right: -0.067 $\pm$ 0.070 χ^2 /NDF: 6.3/9

In: -0.035 $\pm$ 0.105 χ^2 /NDF: 0.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.067 $\pm$ 0.070 χ^2 /NDF: 6.3/9

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.142 $\pm$ 0.074 χ^2 /NDF: 382265.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.648 $\pm$ 0.067 χ^2 /NDF: 522333.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

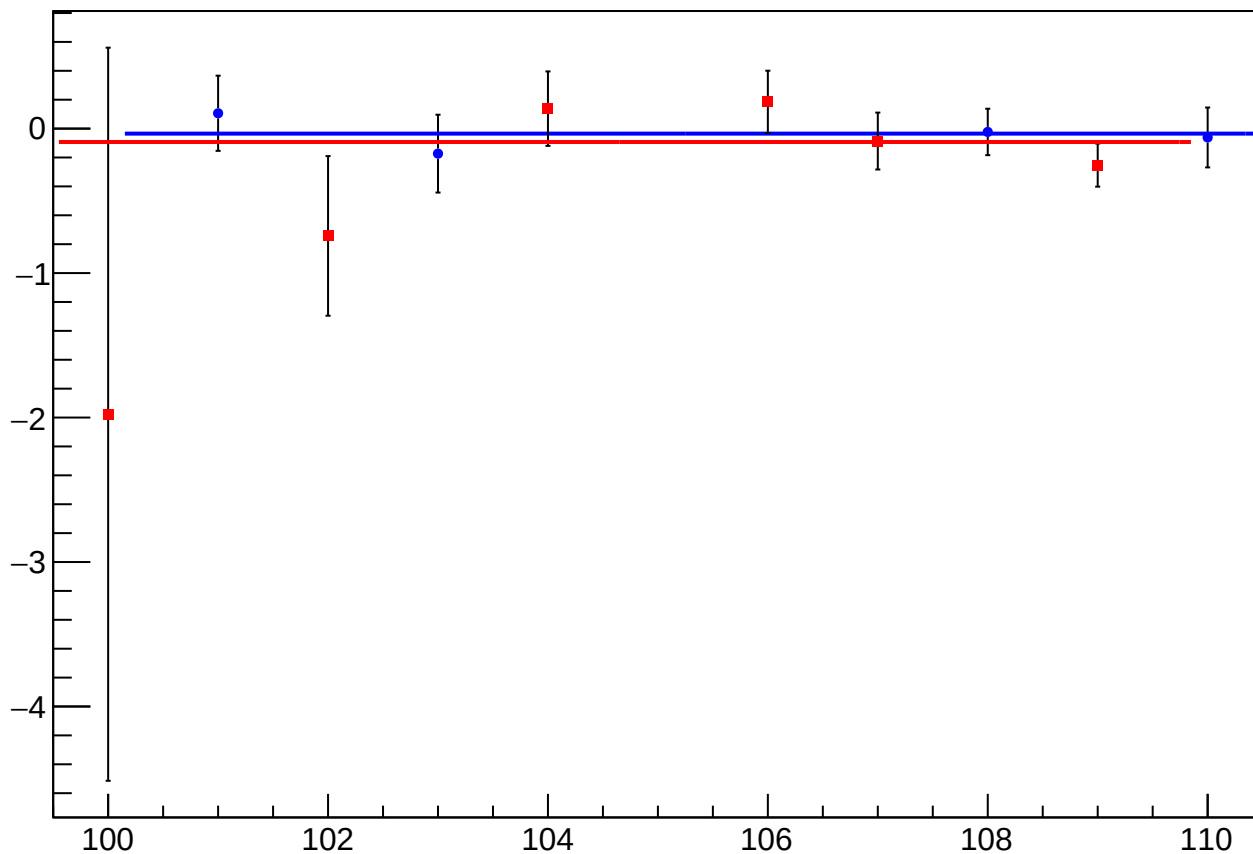
Right: 127.420 $\pm$ 0.050 χ^2 /NDF: 942453.8/9

In: 138.142 $\pm$ 0.074 χ^2 /NDF:382265.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127.420 $\pm$ 0.050 χ^2 /NDF: 942453.8/9

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 $\pm$ 0.105 χ^2 /NDF: 0.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.093 $\pm$ 0.095 χ^2 /NDF: 5.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

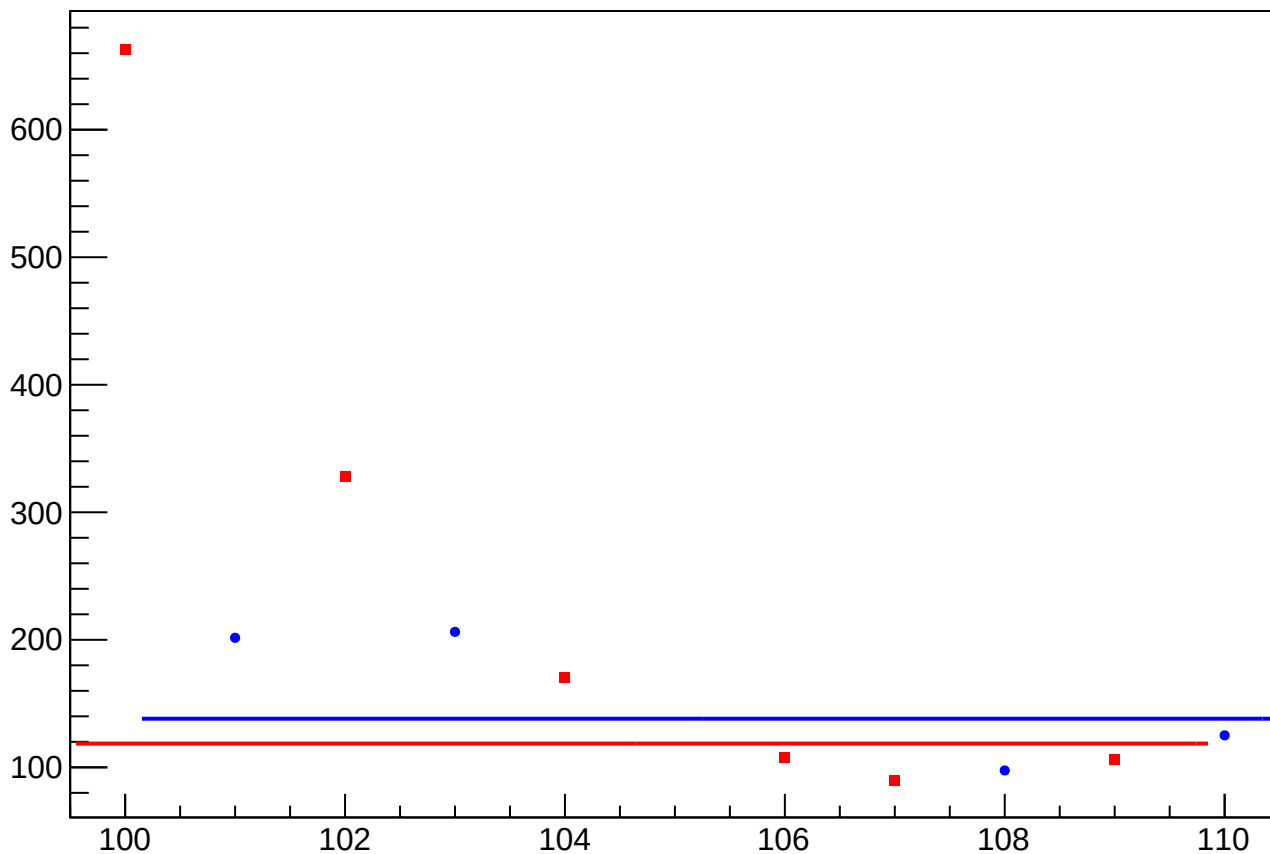
Right: -0.067 $\pm$ 0.070 χ^2 /NDF: 6.3/9

In: -0.035 $\pm$ 0.105 χ^2 /NDF: 0.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.067 $\pm$ 0.070 χ^2 /NDF: 6.3/9

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.142+/-0.074 χ^2/NDF : 382265.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.648+/-0.067 χ^2/NDF : 522333.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

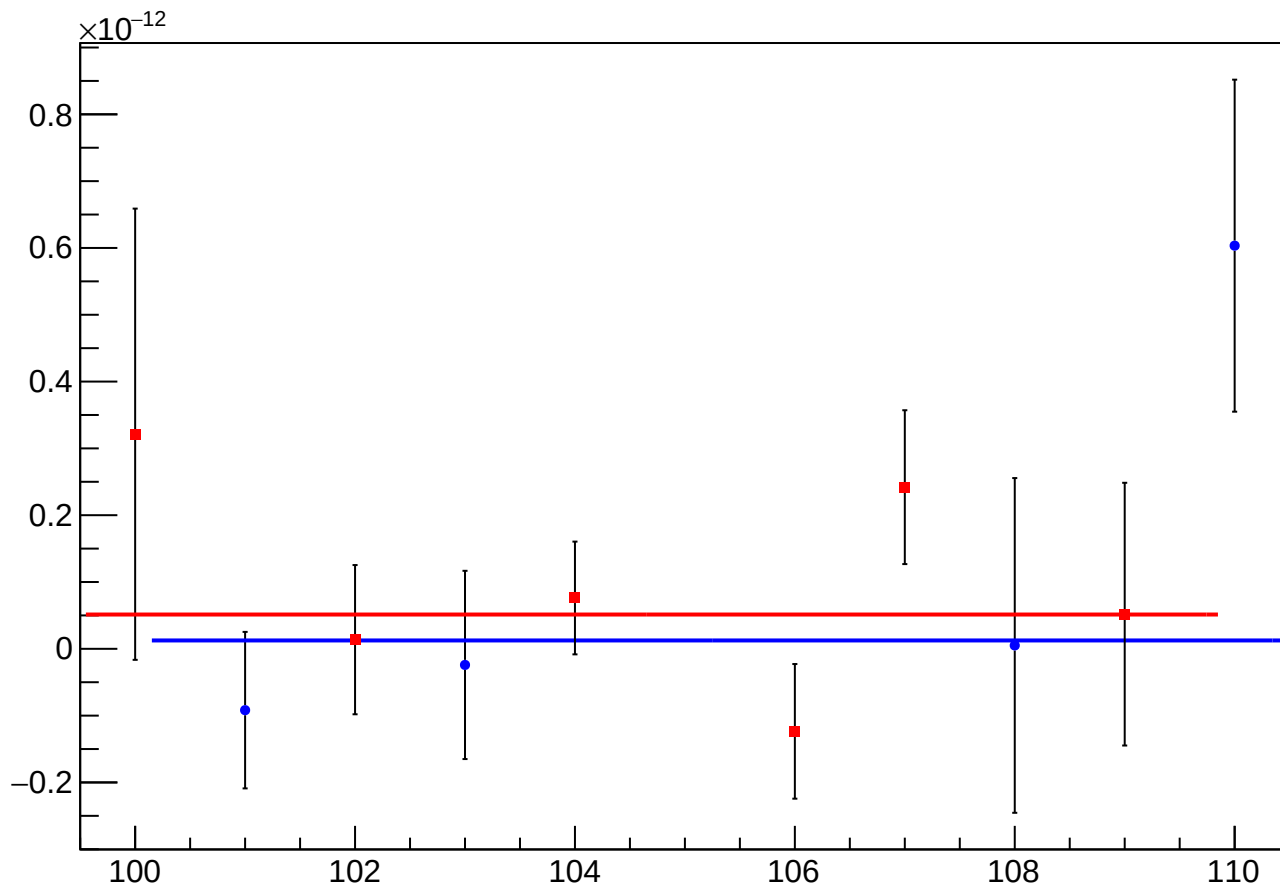
Right: 127.420+/-0.050 χ^2/NDF : 942453.8/9

In: 138.142+/-0.074 χ^2/NDF : 382265.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.420+/-0.050 χ^2/NDF : 942453.8/9

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

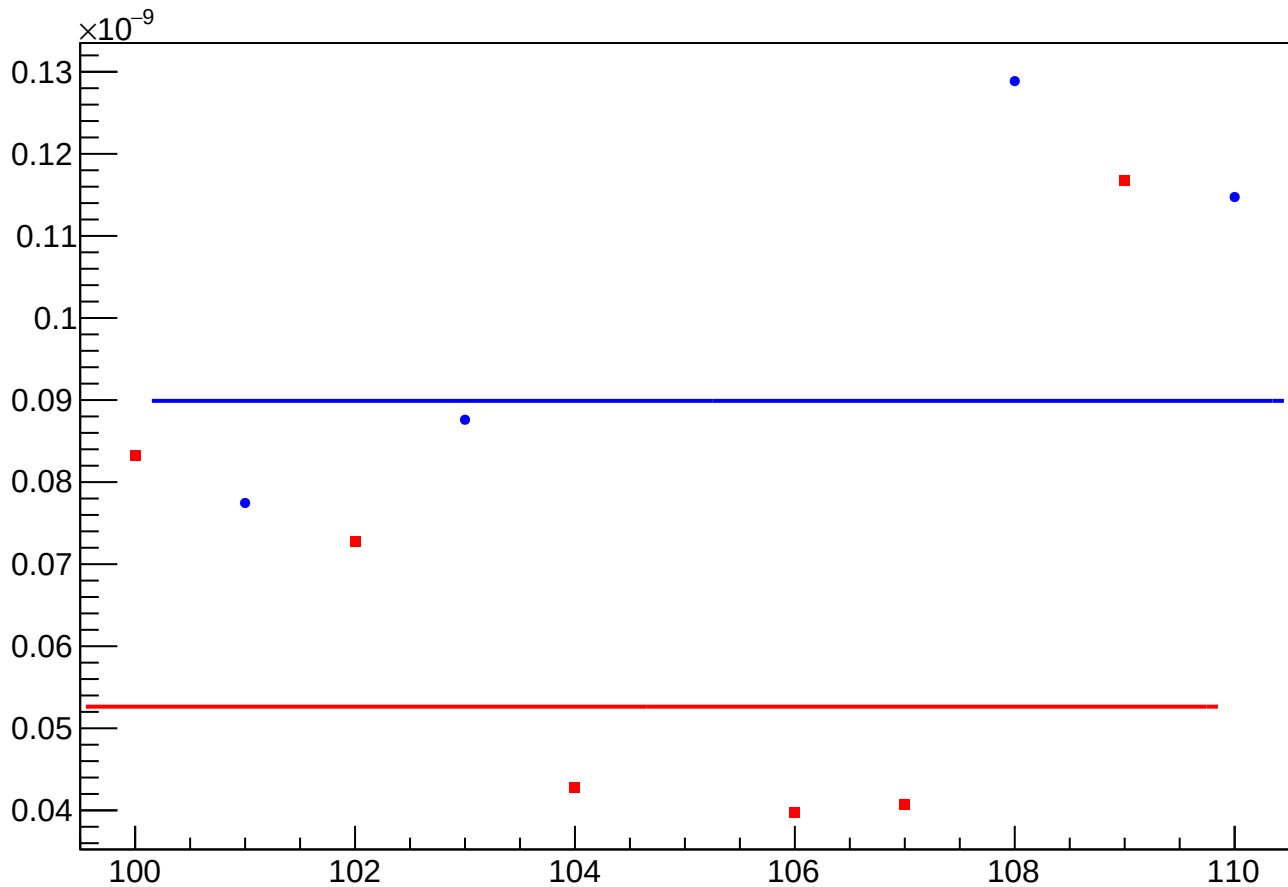
Right: 0.000+/-0.000 χ^2/NDF : 13.3/9

In: 0.000+/-0.000 χ^2/NDF : 6.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.3/9

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 91477.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 375436.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

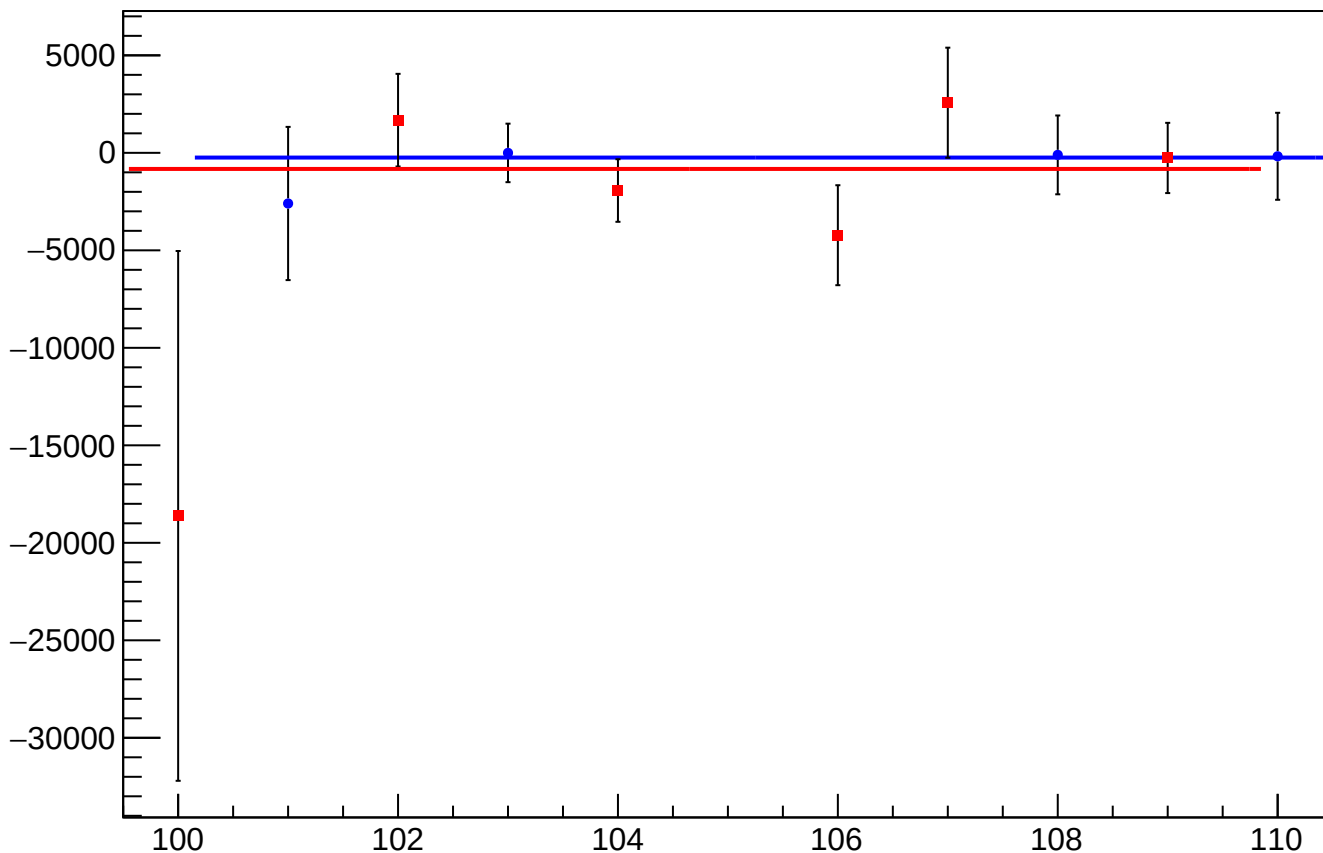
Right: 0.000+/-0.000 χ^2/NDF : 783829.6/9

In: 0.000+/-0.000 χ^2/NDF : 91477.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 783829.6/9

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -242.375+/-1023.355 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -825.662+/-929.714 χ^2/NDF : 6.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

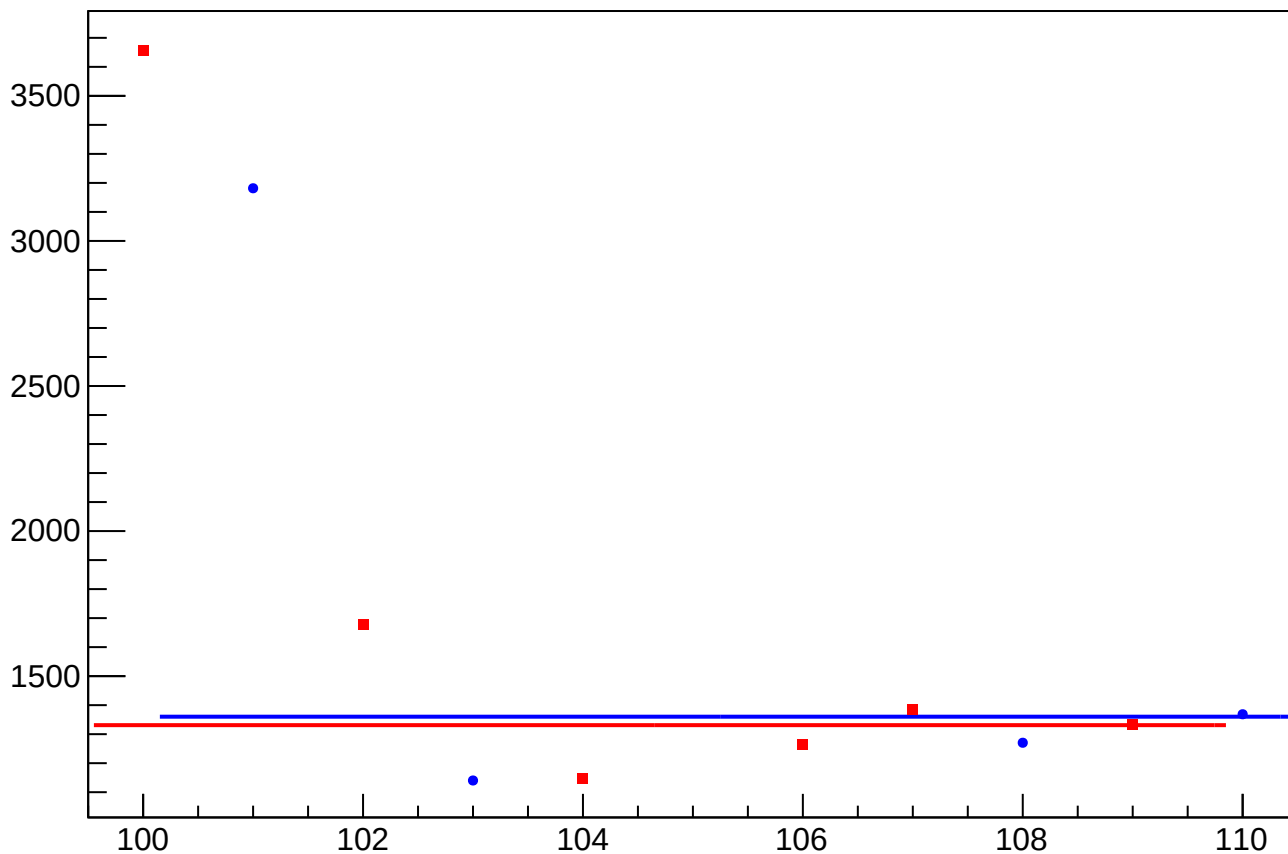
Right: -561.921+/-688.136 χ^2/NDF : 7.2/9

In: -242.375+/-1023.355 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -561.921+/-688.136 χ^2/NDF : 7.2/9

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1360.239+/-0.724 χ^2/NDF : 476803.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1331.062+/-0.657 χ^2/NDF : 128866.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

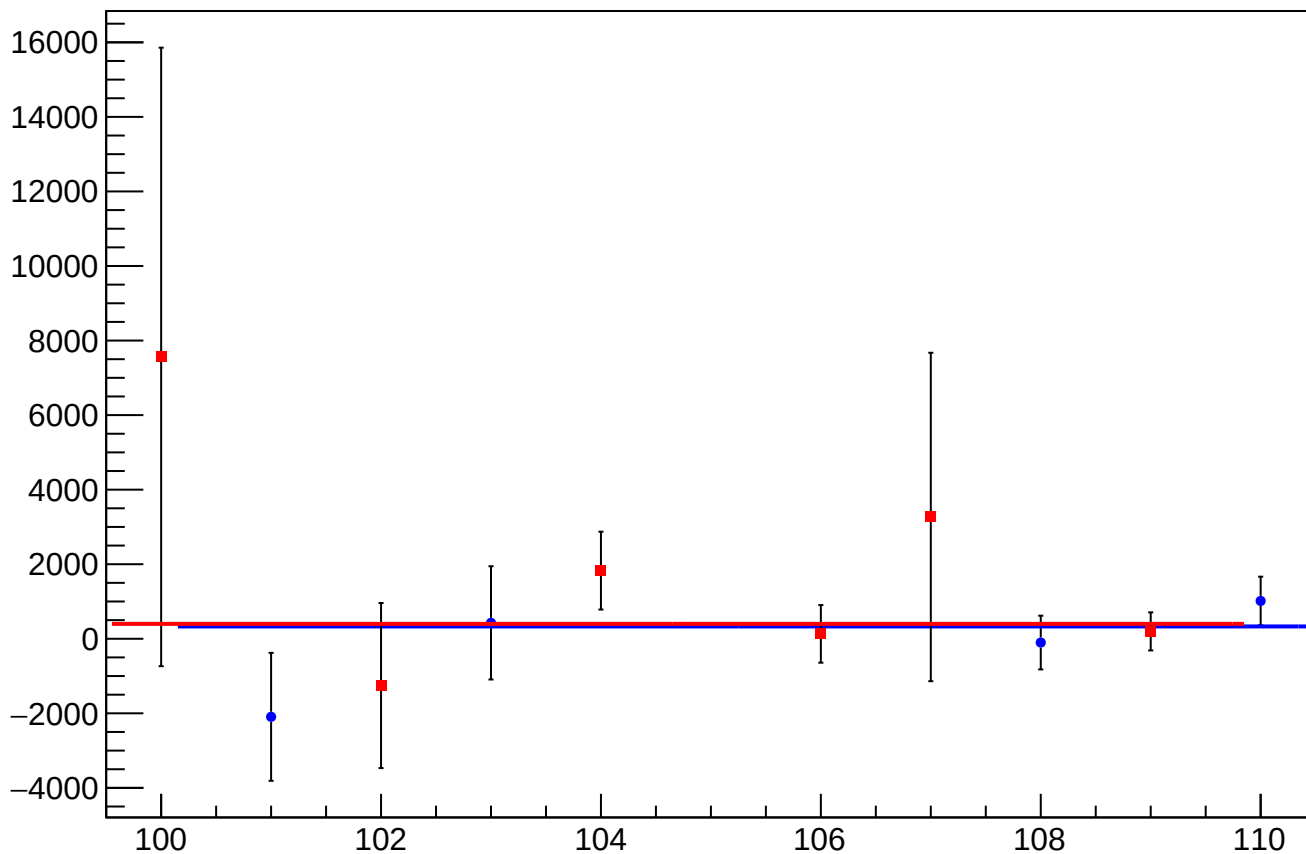
Right: 1344.255+/-0.487 χ^2/NDF : 606560.2/9

In: 1360.239+/-0.724 χ^2/NDF : 476803.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.255+/-0.487 χ^2/NDF : 606560.2/9

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 330.686+/-444.681 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.017+/-386.628 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

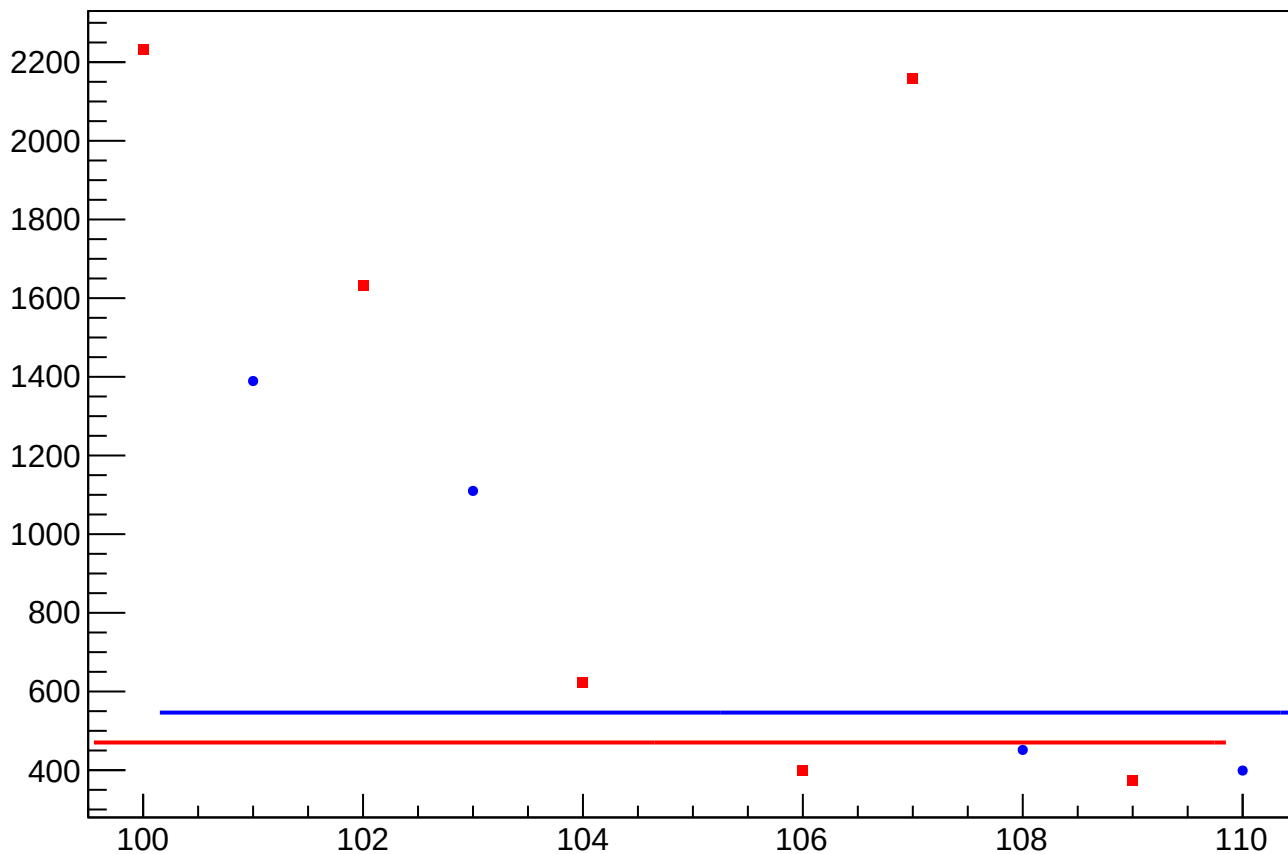
Right: 370.170+/-291.768 χ^2/NDF : 7.4/9

In: 330.686+/-444.681 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.170+/-291.768 χ^2/NDF : 7.4/9

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 546.358+/-0.314 χ^2/NDF : 894948.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 470.315+/-0.273 χ^2/NDF : 1064203.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

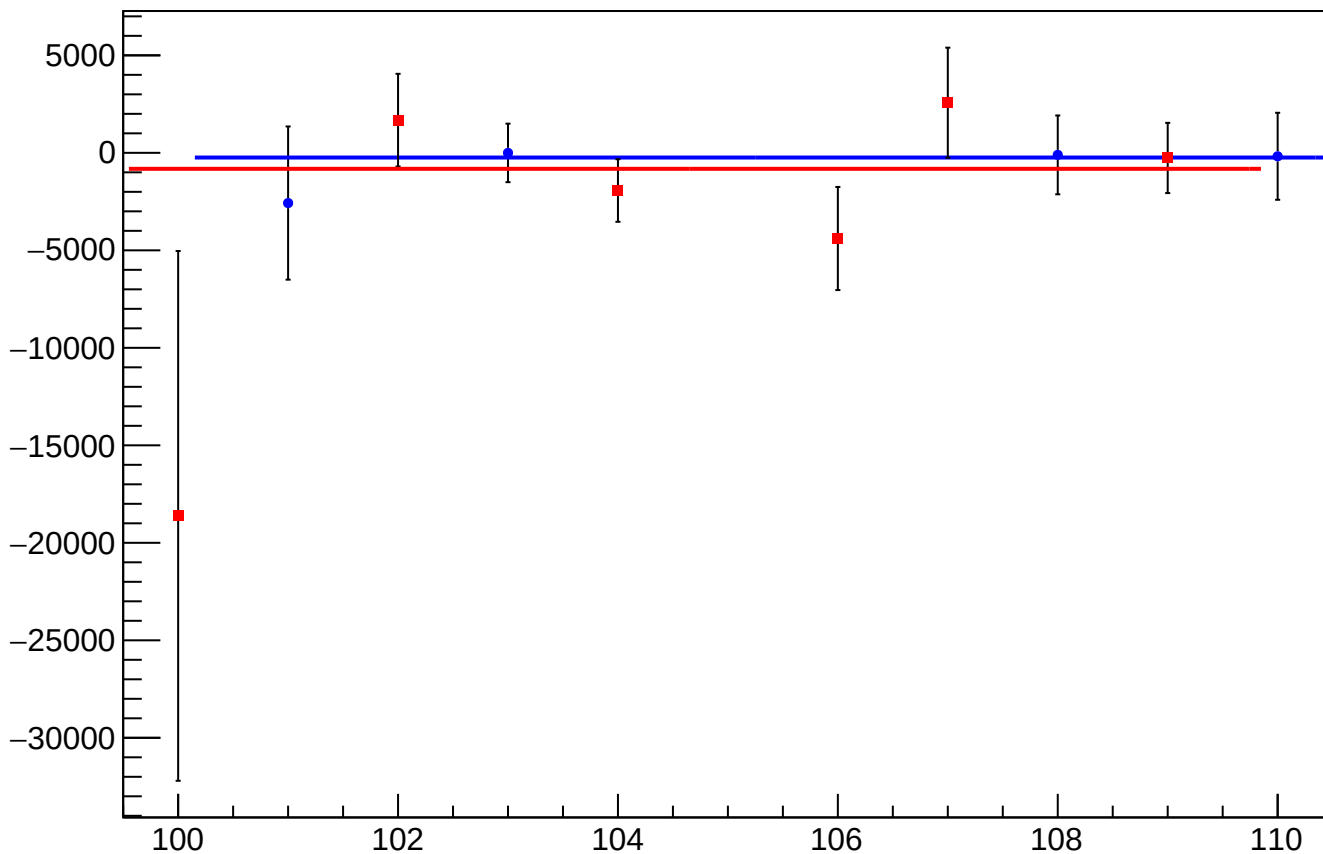
Right: 503.052+/-0.206 χ^2/NDF : 1992458.2/9

In: 546.358+/-0.314 χ^2/NDF : 894948.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.052+/-0.206 χ^2/NDF : 1992458.2/9

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -240.688+/-1023.356 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -819.943+/-933.395 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

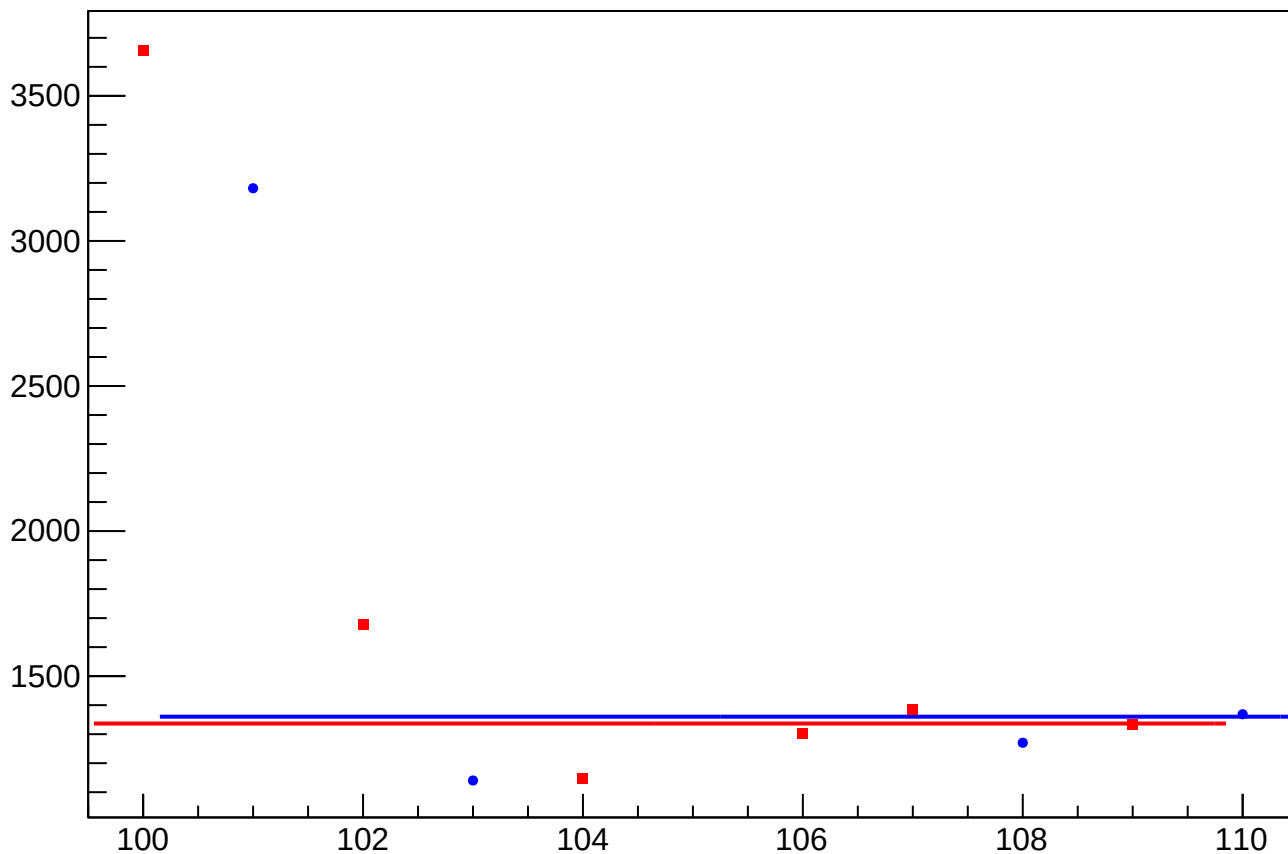
Right: -556.890+/-689.625 χ^2/NDF : 7.2/9

In: -240.688+/-1023.356 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -556.890+/-689.625 χ^2/NDF : 7.2/9

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1360.238+/-0.724 χ^2/NDF : 476805.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.686+/-0.660 χ^2/NDF : 127598.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

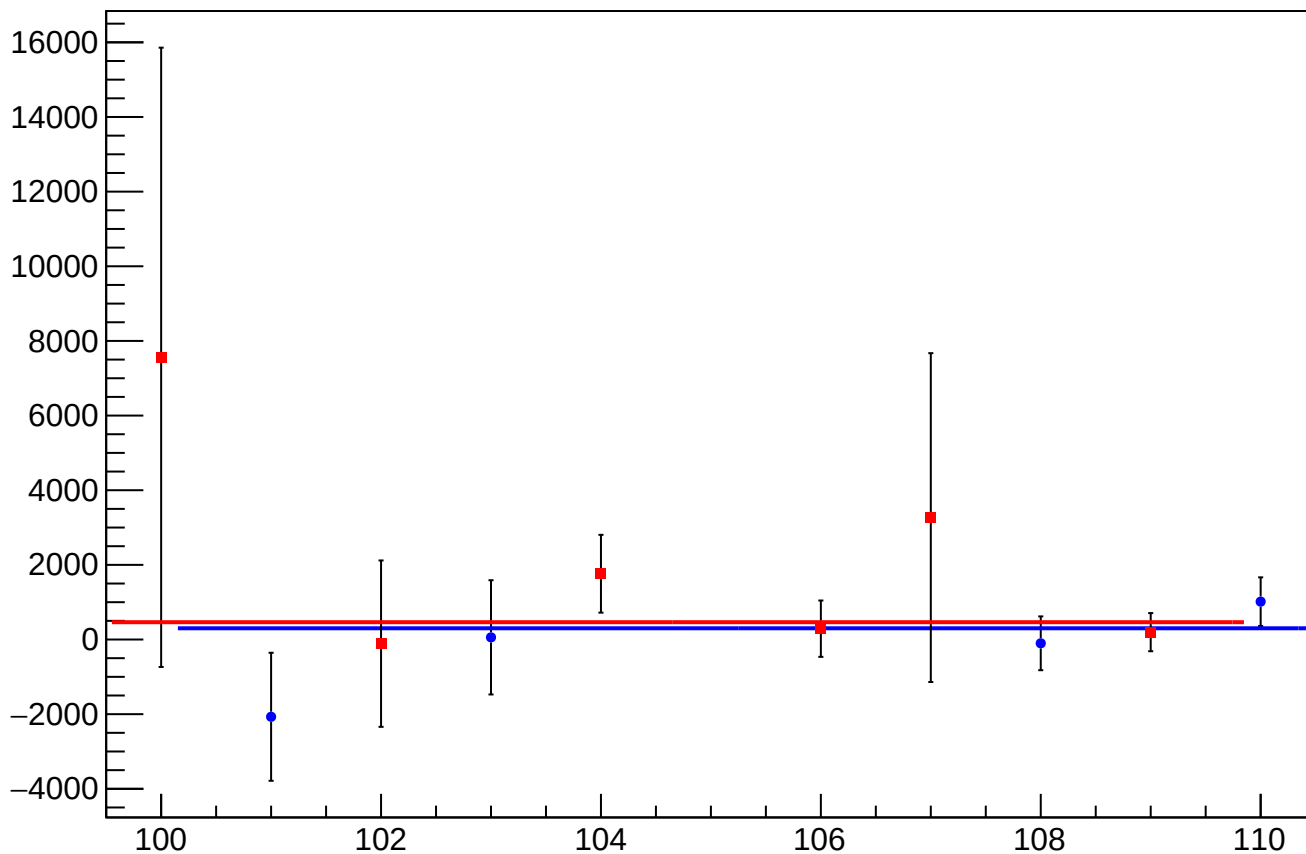
Right: 1347.381+/-0.488 χ^2/NDF : 604981.9/9

In: 1360.238+/-0.724 χ^2/NDF : 476805.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.381+/-0.488 χ^2/NDF : 604981.9/9

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.002+/-444.933 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.000+/-384.268 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

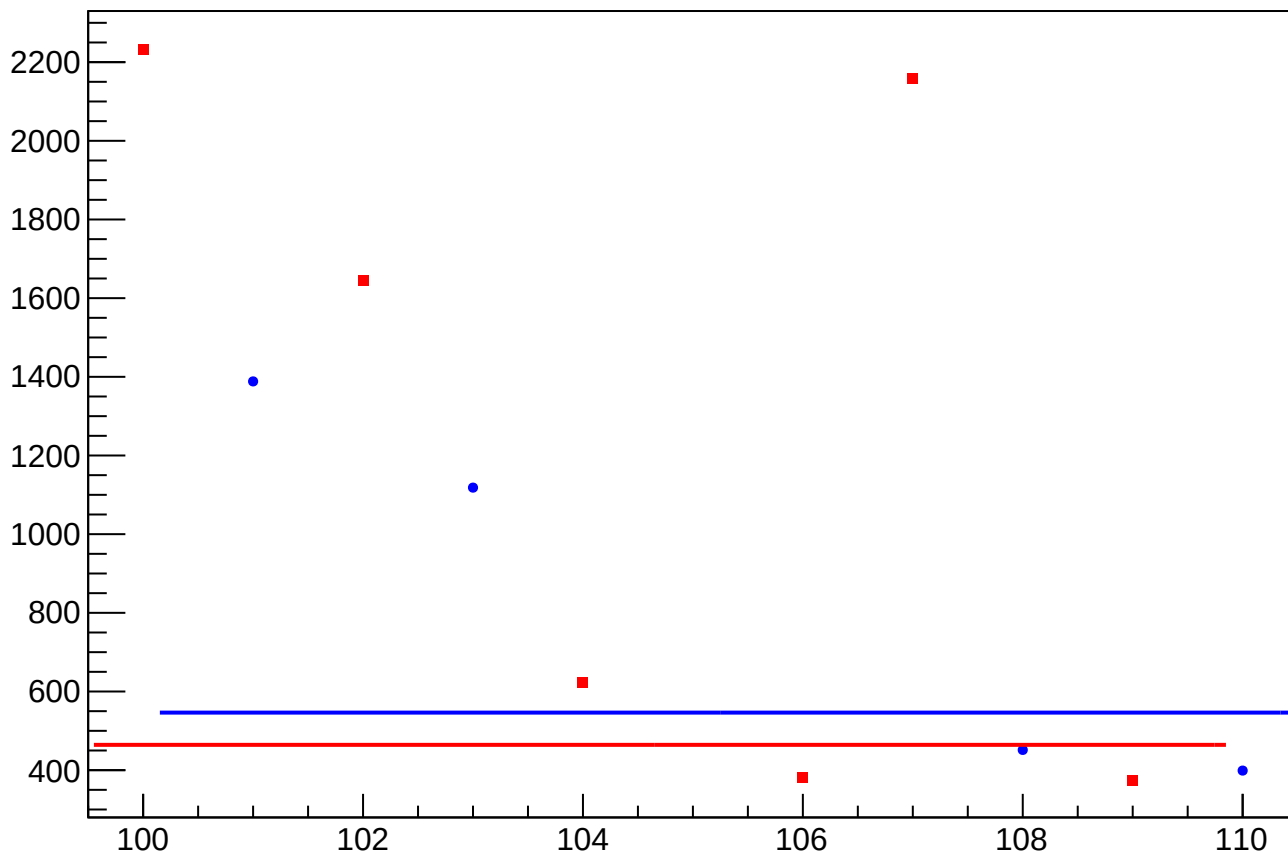
Right: 394.363+/-290.820 χ^2/NDF : 6.6/9

In: 301.002+/-444.933 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 394.363+/-290.820 χ^2/NDF : 6.6/9

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.361+/-0.315 χ^2/NDF : 898644.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.373+/-0.272 χ^2/NDF : 1082237.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

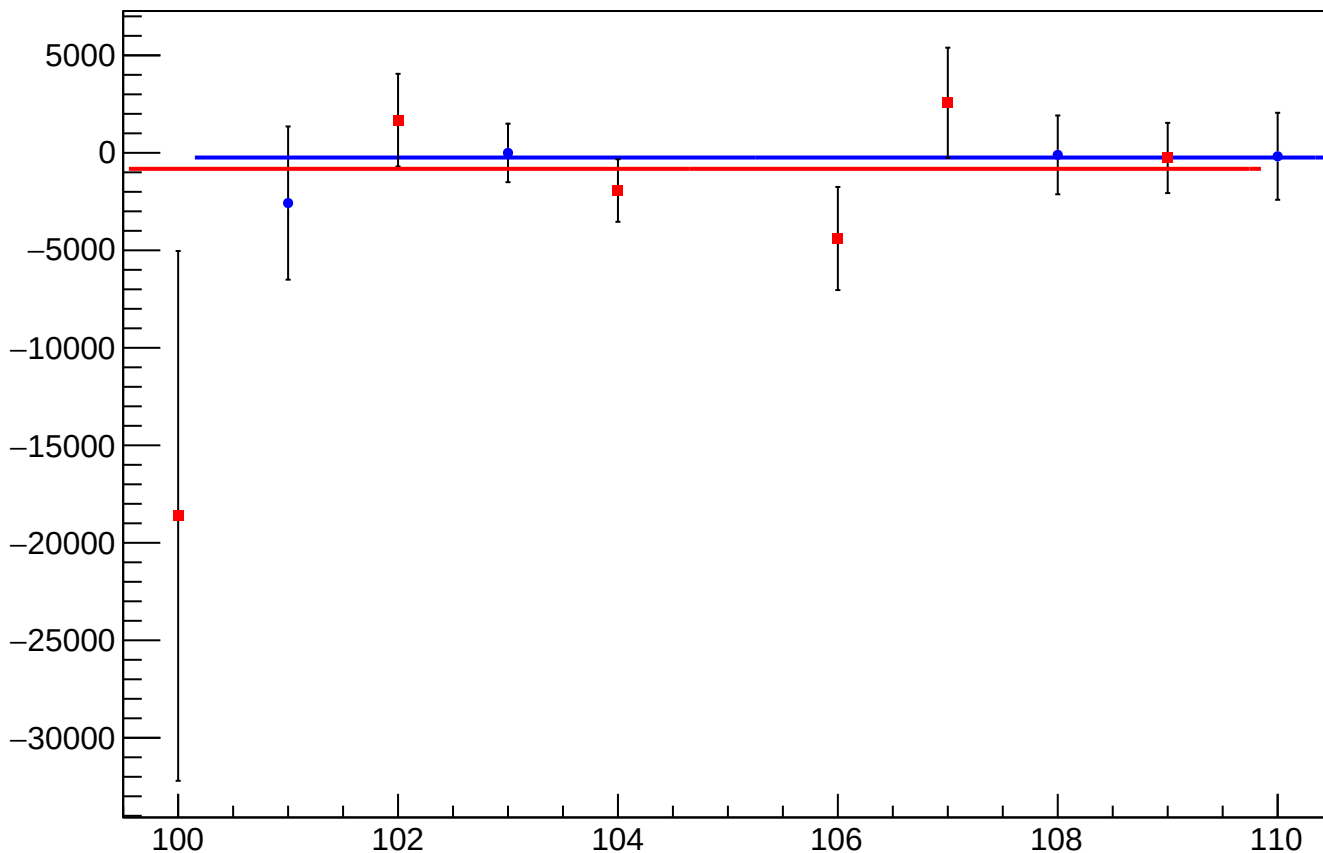
Right: 499.400+/-0.206 χ^2/NDF : 2019780.7/9

In: 546.361+/-0.315 χ^2/NDF : 898644.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.400+/-0.206 χ^2/NDF : 2019780.7/9

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -240.688+/-1023.356 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -819.943+/-933.395 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

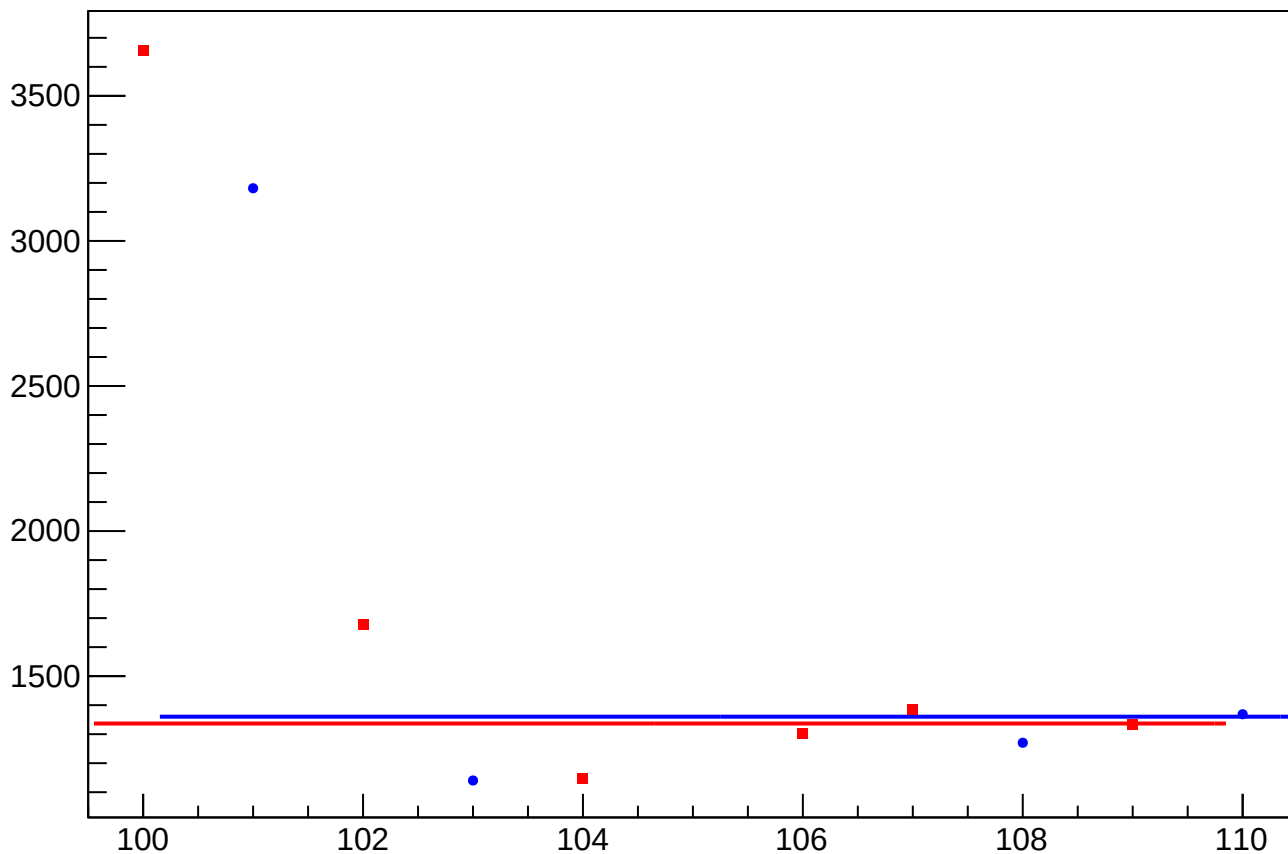
Right: -556.890+/-689.625 χ^2/NDF : 7.2/9

In: -240.688+/-1023.356 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -556.890+/-689.625 χ^2/NDF : 7.2/9

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1360.238+/-0.724 χ^2/NDF : 476805.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.686+/-0.660 χ^2/NDF : 127598.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

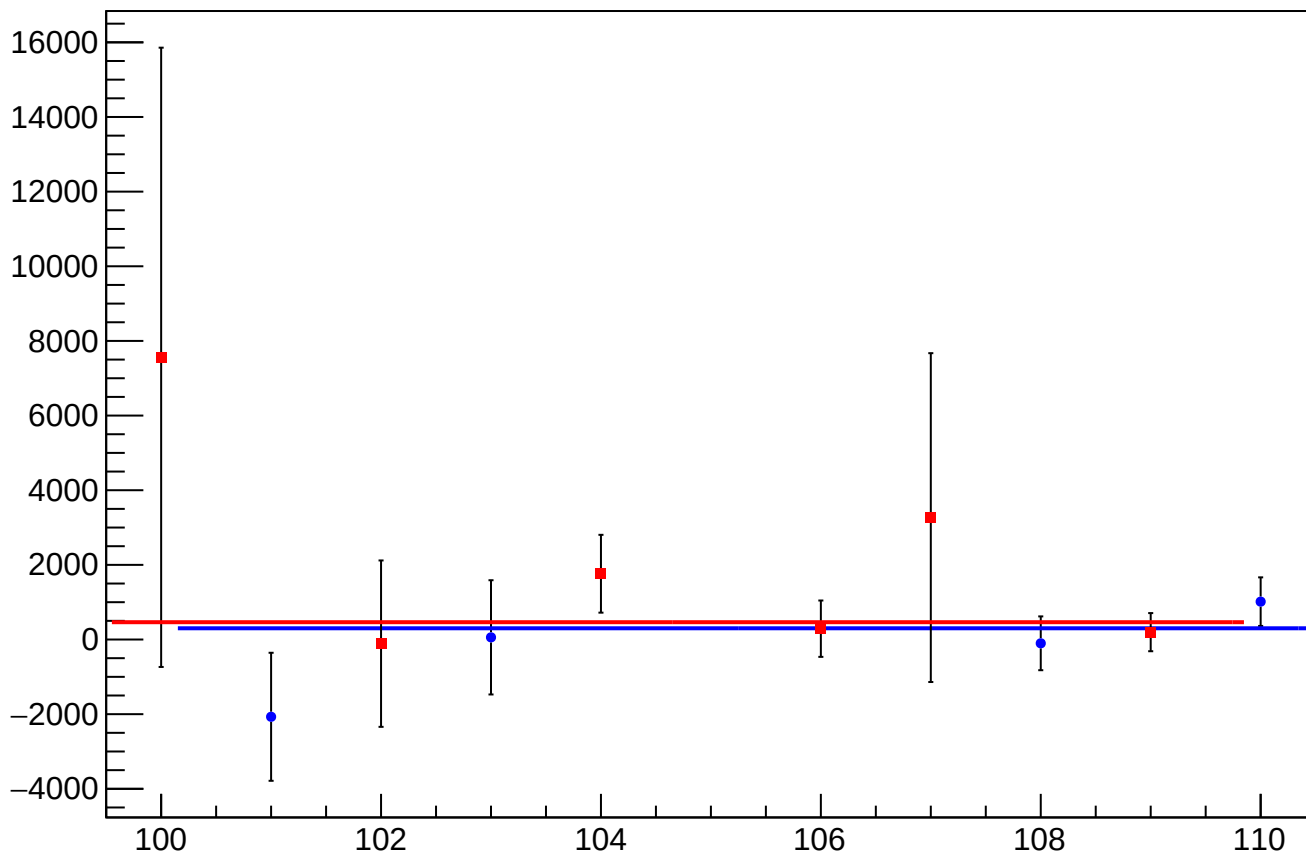
Right: 1347.381+/-0.488 χ^2/NDF : 604981.9/9

In: 1360.238+/-0.724 χ^2/NDF : 476805.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.381+/-0.488 χ^2/NDF : 604981.9/9

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.002+/-444.933 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.000+/-384.268 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

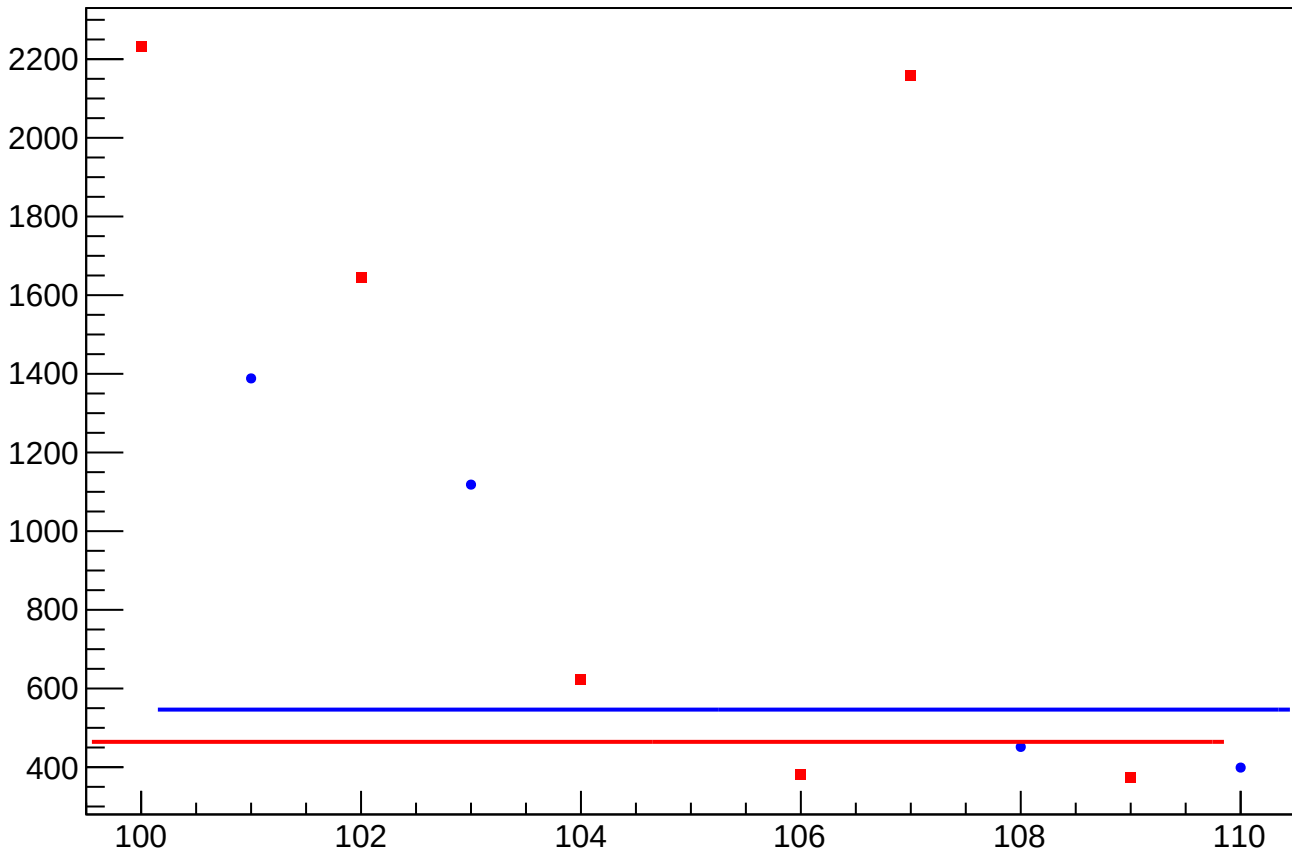
Right: 394.363+/-290.820 χ^2/NDF : 6.6/9

In: 301.002+/-444.933 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 394.363+/-290.820 χ^2/NDF : 6.6/9

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.361+/-0.315 χ^2/NDF : 898644.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.373+/-0.272 χ^2/NDF : 1082237.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

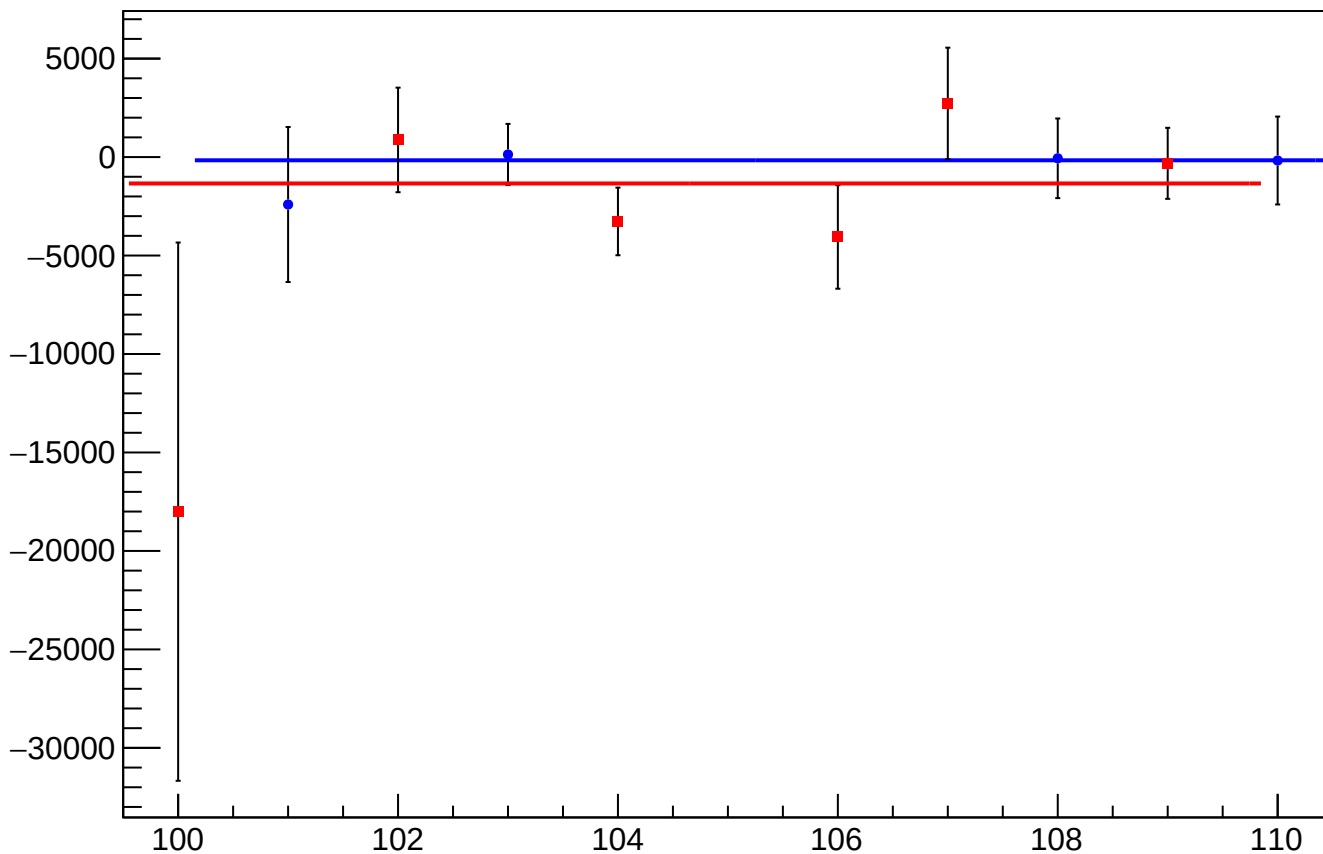
Right: 499.400+/-0.206 χ^2/NDF : 2019780.7/9

In: 546.361+/-0.315 χ^2/NDF : 898644.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.400+/-0.206 χ^2/NDF : 2019780.7/9

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -163.588+/-1040.009 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1339.837+/-969.733 χ^2/NDF : 6.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

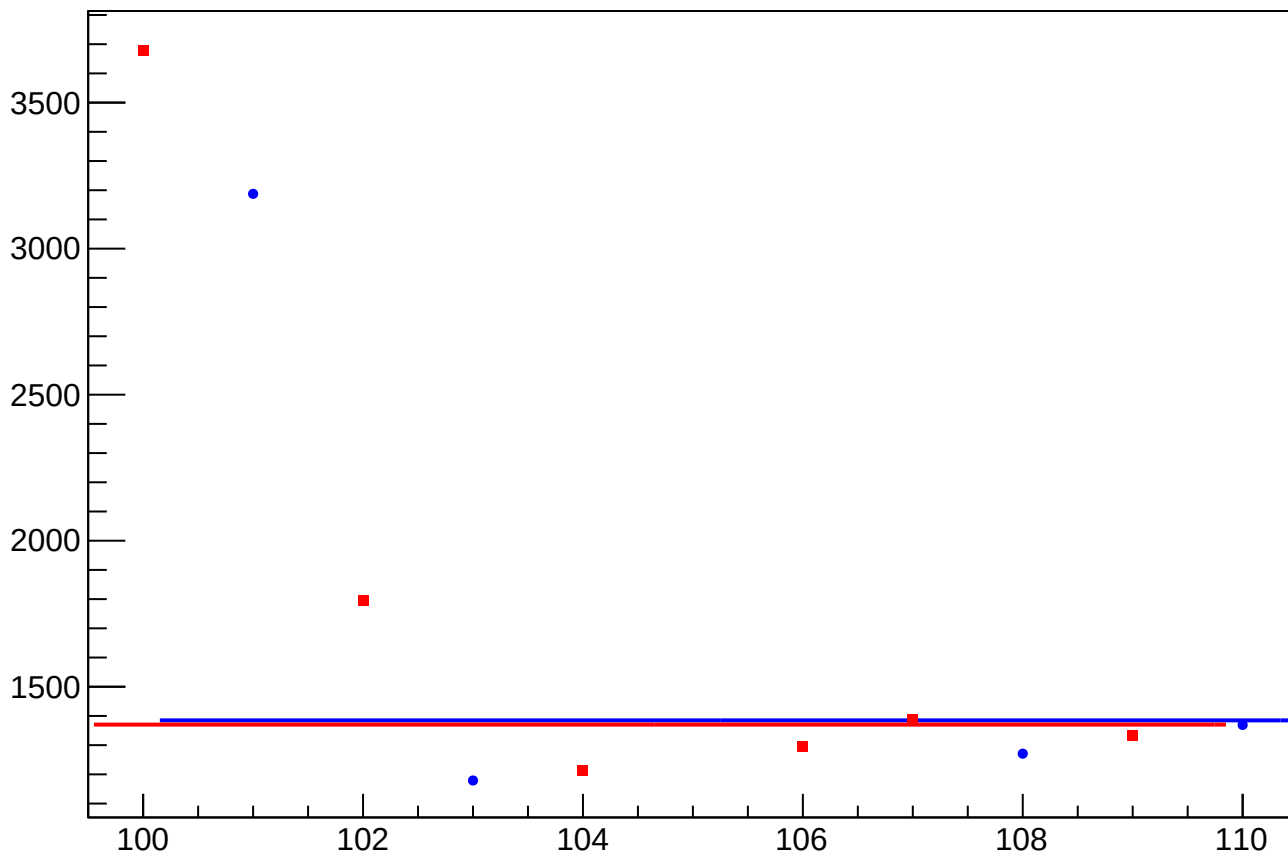
Right: -792.793+/-709.249 χ^2/NDF : 7.9/9

In: -163.588+/-1040.009 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -792.793+/-709.249 χ^2/NDF : 7.9/9

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1384.874+/-0.735 χ^2/NDF : 461115.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.321+/-0.686 χ^2/NDF : 127229.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

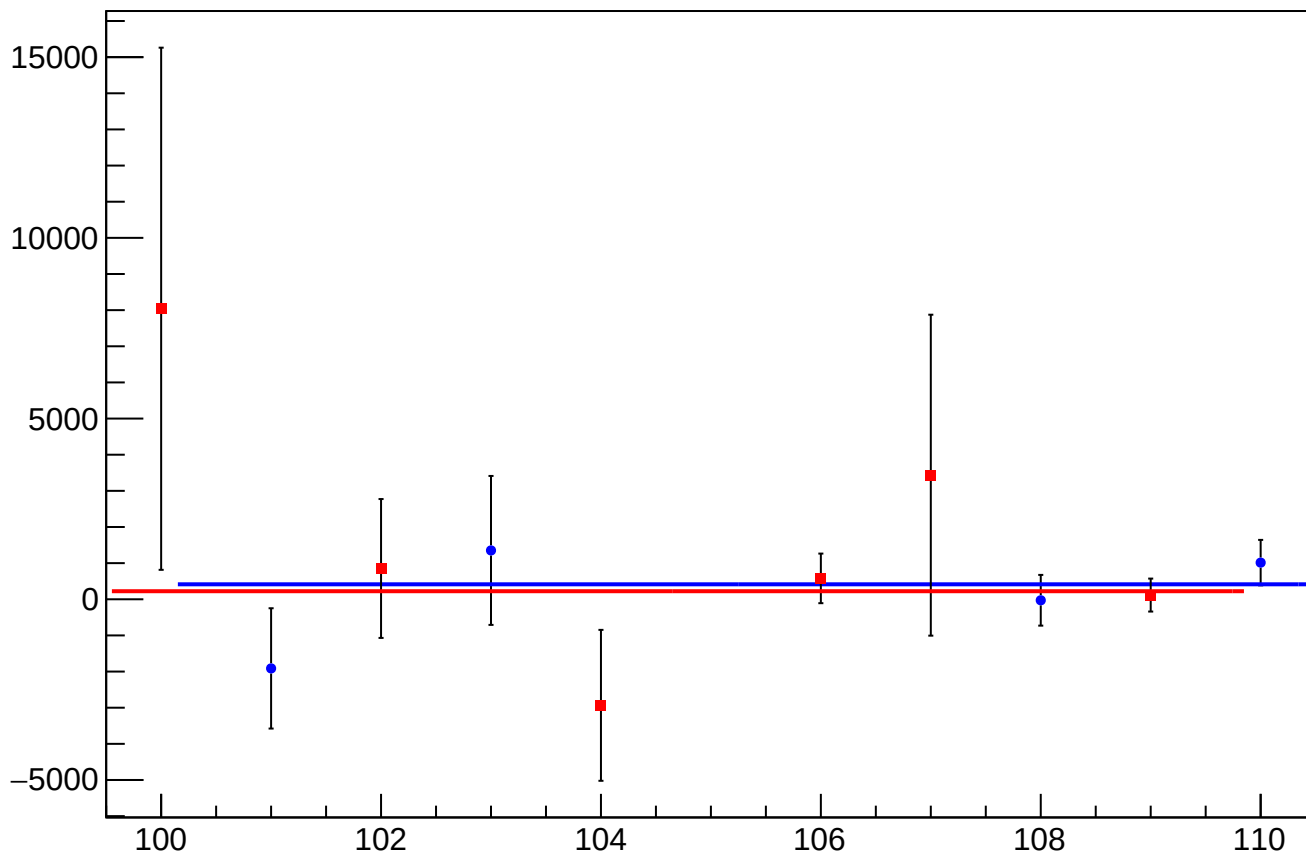
Right: 1377.089+/-0.502 χ^2/NDF : 588554.4/9

In: 1384.874+/-0.735 χ^2/NDF : 461115.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.089+/-0.502 χ^2/NDF : 588554.4/9

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 414.361+/-440.458 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.993+/-365.114 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

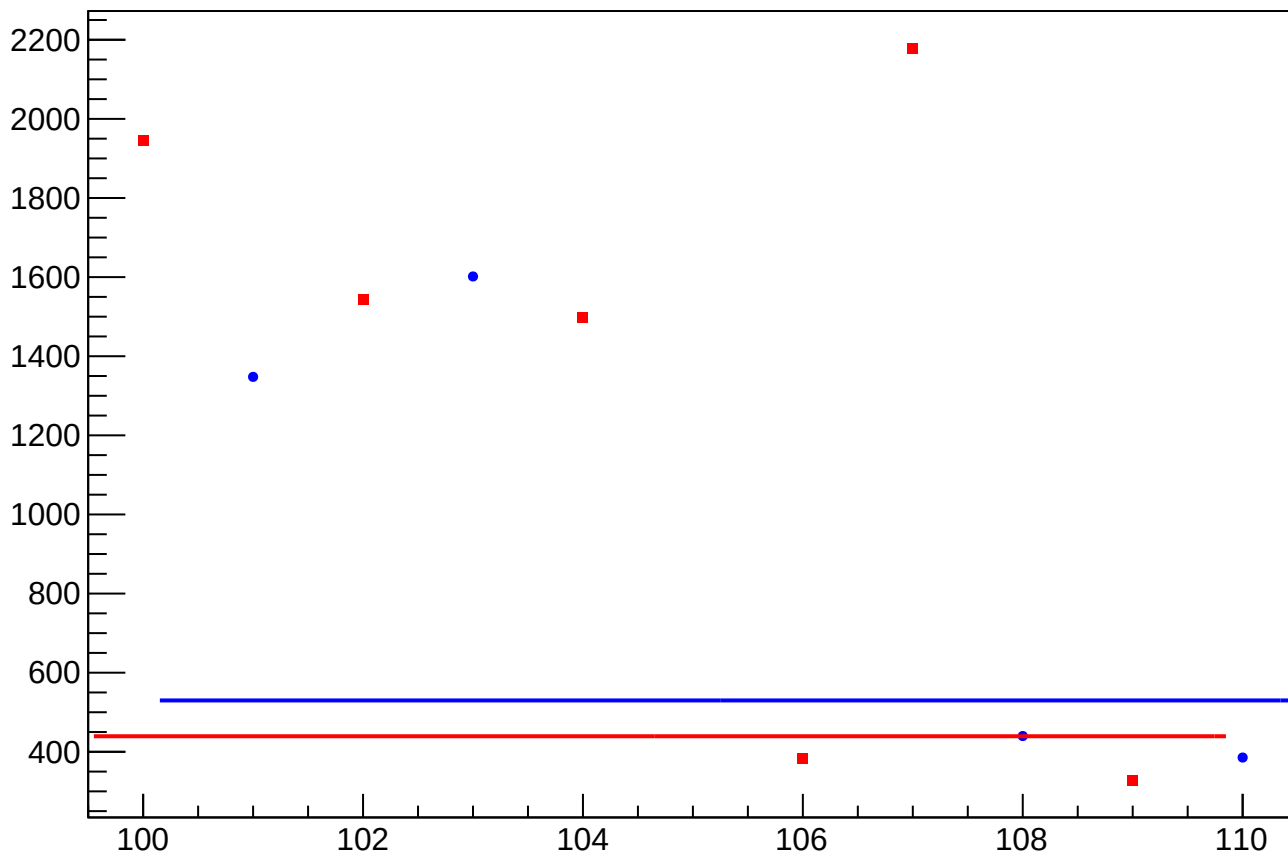
Right: 300.934+/-281.095 χ^2/NDF : 8.0/9

In: 414.361+/-440.458 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.934+/-281.095 χ^2/NDF : 8.0/9

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 529.849+/-0.311 χ^2/NDF : 1162379.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.312+/-0.258 χ^2/NDF : 1703046.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

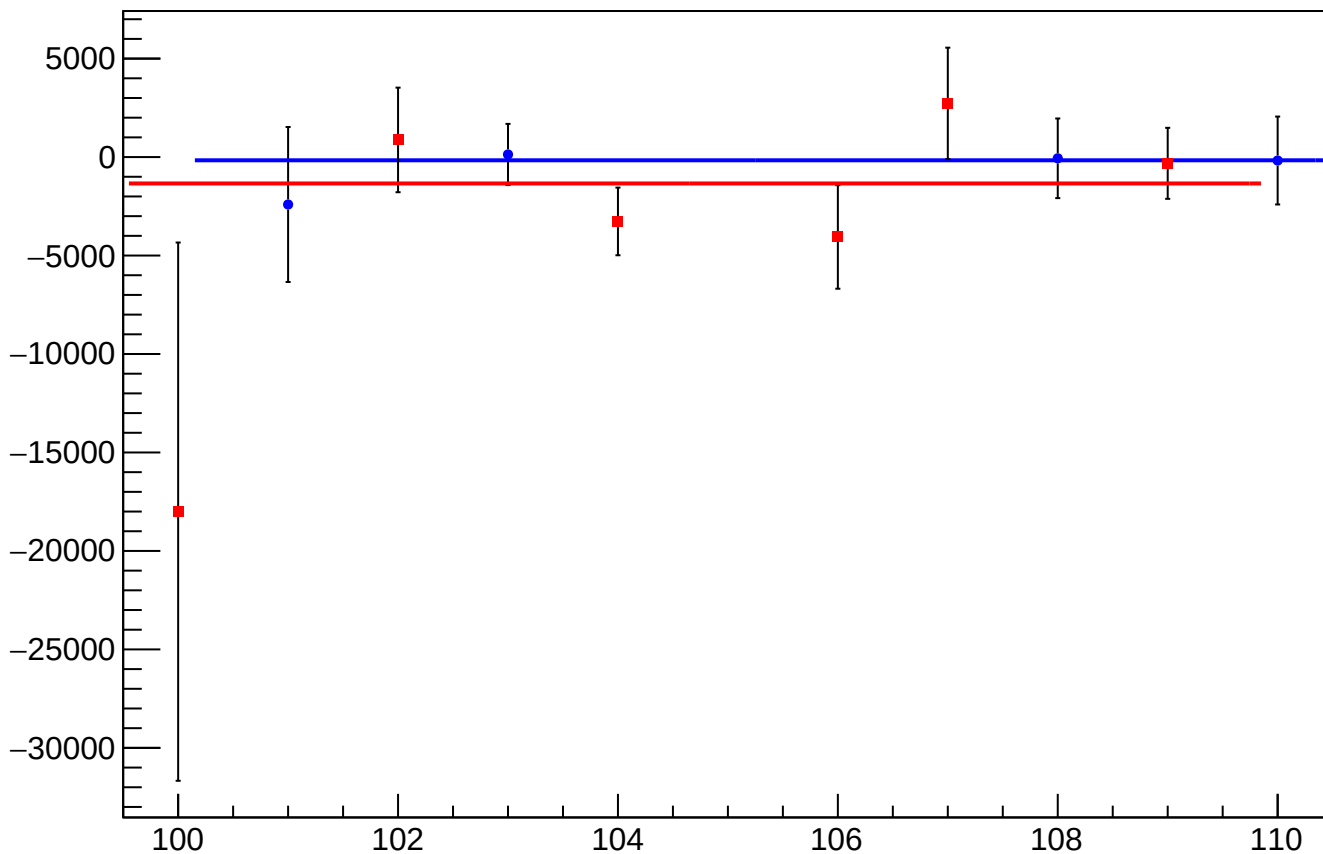
Right: 476.186+/-0.199 χ^2/NDF : 2915512.3/9

In: 529.849+/-0.311 χ^2/NDF : 1162379.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.186+/-0.199 χ^2/NDF : 2915512.3/9

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -163.585+/-1040.009 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1339.837+/-969.733 χ^2/NDF : 6.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

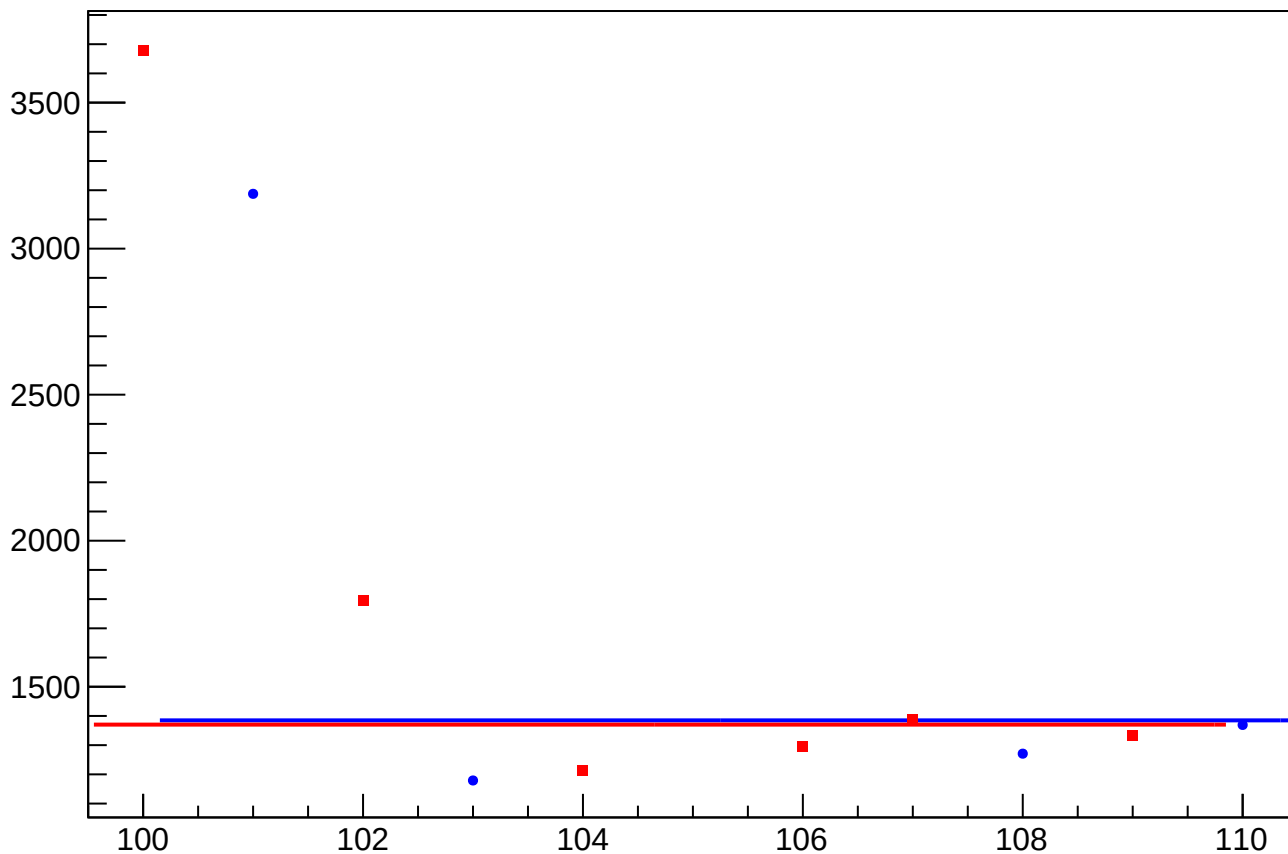
Right: -792.792+/-709.249 χ^2/NDF : 7.9/9

In: -163.585+/-1040.009 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -792.792+/-709.249 χ^2/NDF : 7.9/9

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1384.874+/-0.735 χ^2/NDF : 461115.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.321+/-0.686 χ^2/NDF : 127229.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

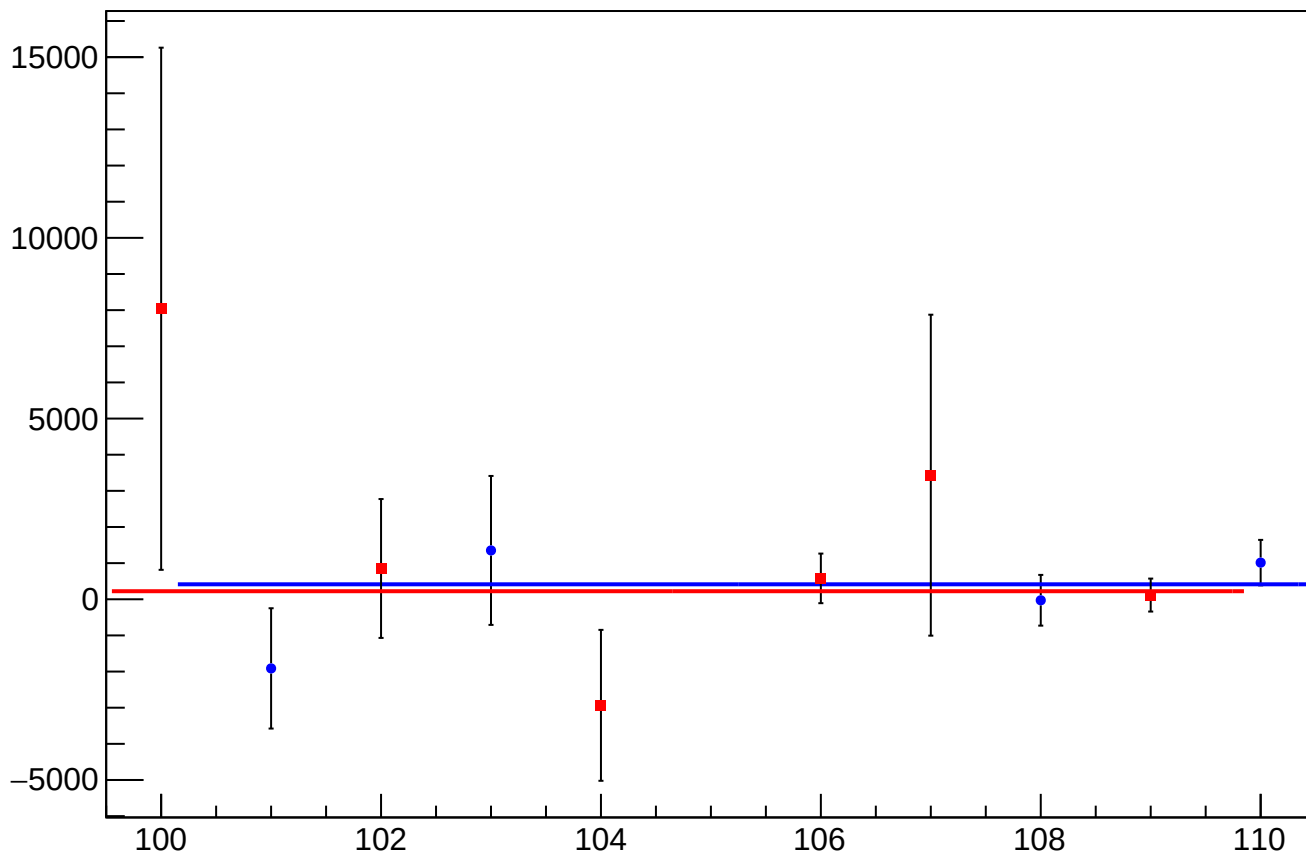
Right: 1377.089+/-0.502 χ^2/NDF : 588554.3/9

In: 1384.874+/-0.735 χ^2/NDF : 461115.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.089+/-0.502 χ^2/NDF : 588554.3/9

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 414.358+/-440.453 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.994+/-365.113 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

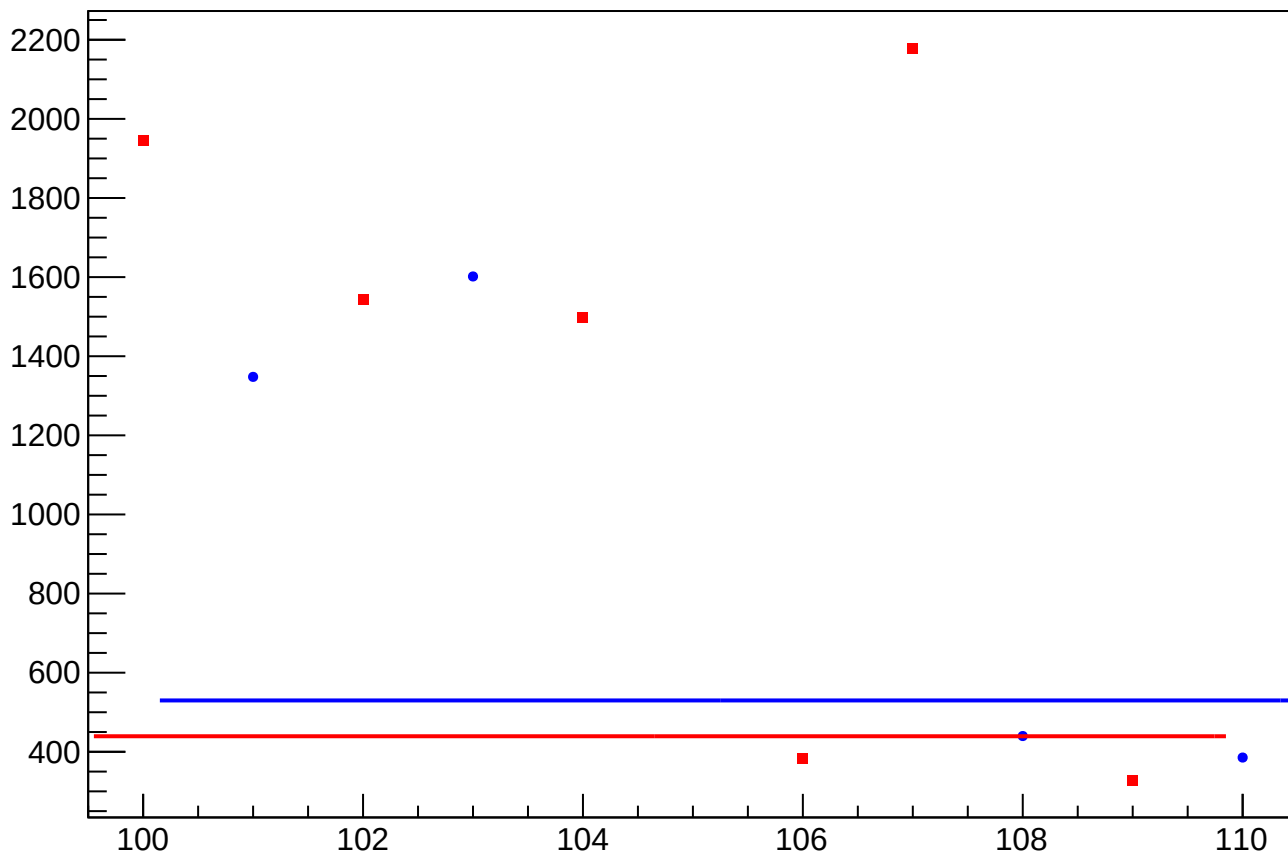
Right: 300.934+/-281.093 χ^2/NDF : 8.0/9

In: 414.358+/-440.453 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.934+/-281.093 χ^2/NDF : 8.0/9

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 529.843+/-0.311 χ^2/NDF : 1162388.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 439.310+/-0.258 χ^2/NDF : 1703051.8/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

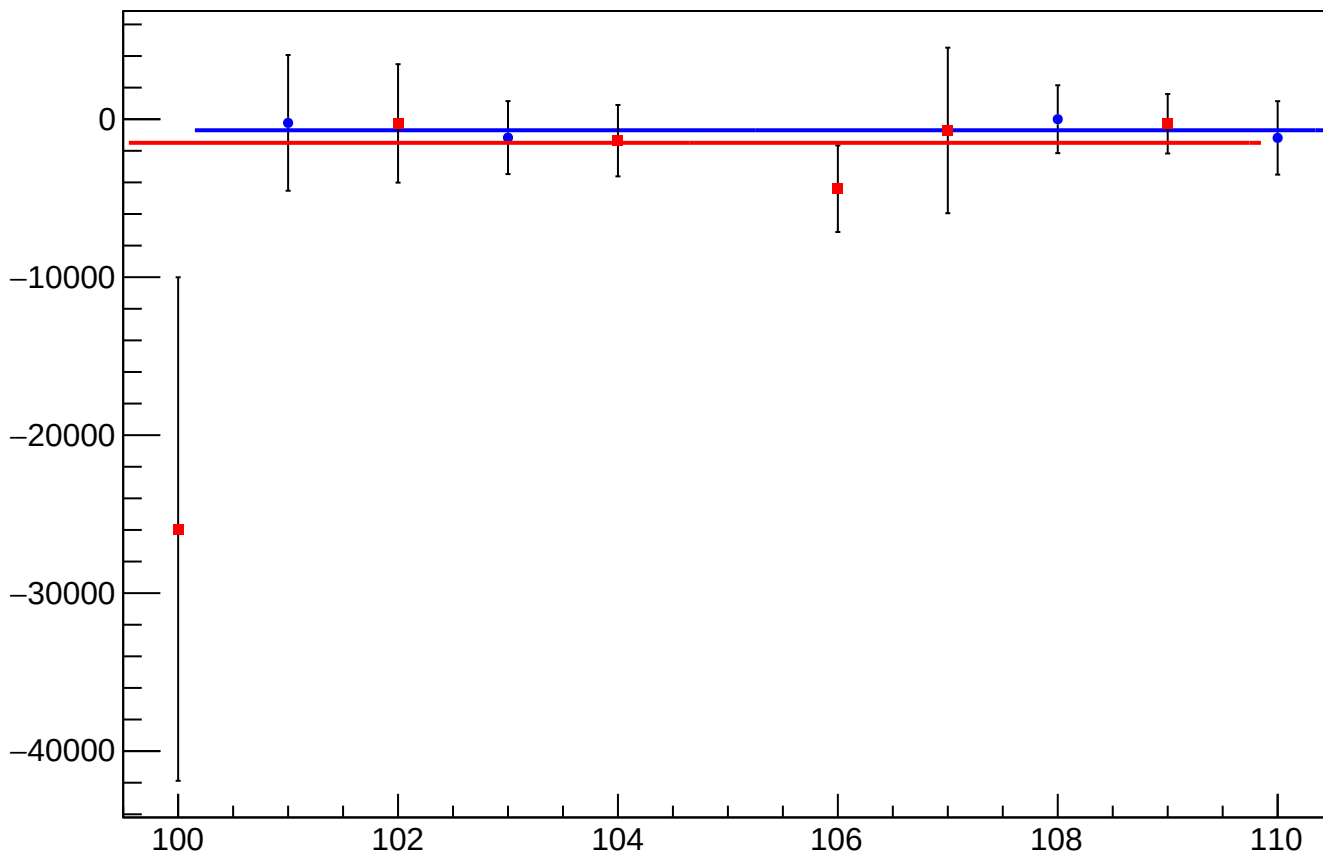
Right: 476.182+/-0.199 χ^2/NDF : 2915523.6/9

In: 529.843+/-0.311 χ^2/NDF :1162388.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 476.182+/-0.199 χ^2/NDF : 2915523.6/9

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -699.161+/-1246.662 χ^2/NDF : 0.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1493.695+/-1176.155 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

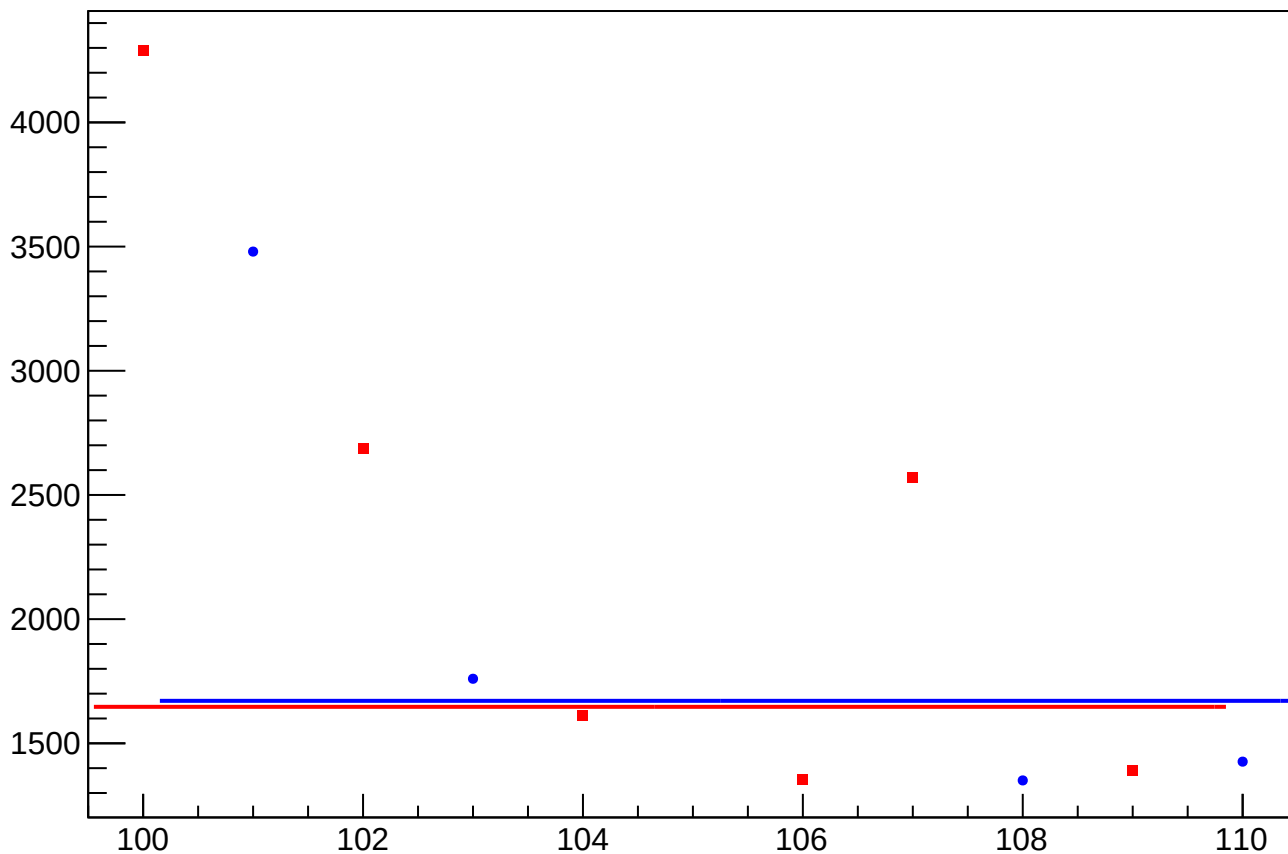
Right: -1119.531+/-855.508 χ^2/NDF : 4.4/9

In: -699.161+/-1246.662 χ^2/NDF : 0.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1119.531+/-855.508 χ^2/NDF : 4.4/9

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1671.072+/-0.882 χ^2/NDF : 424258.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.959+/-0.832 χ^2/NDF : 331096.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

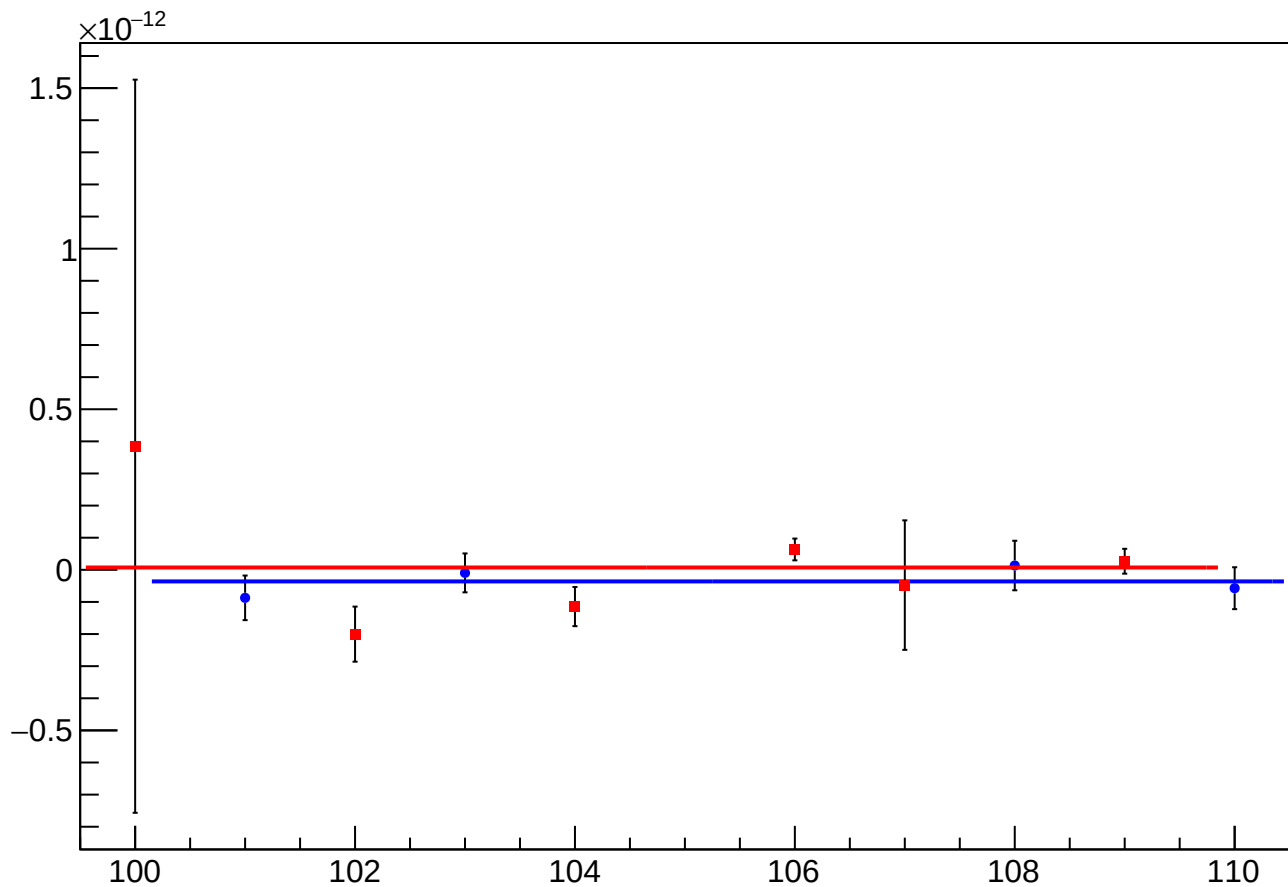
Right: 1658.314+/-0.605 χ^2/NDF : 755751.2/9

In: 1671.072+/-0.882 χ^2/NDF : 424258.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1658.314+/-0.605 χ^2/NDF : 755751.2/9

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

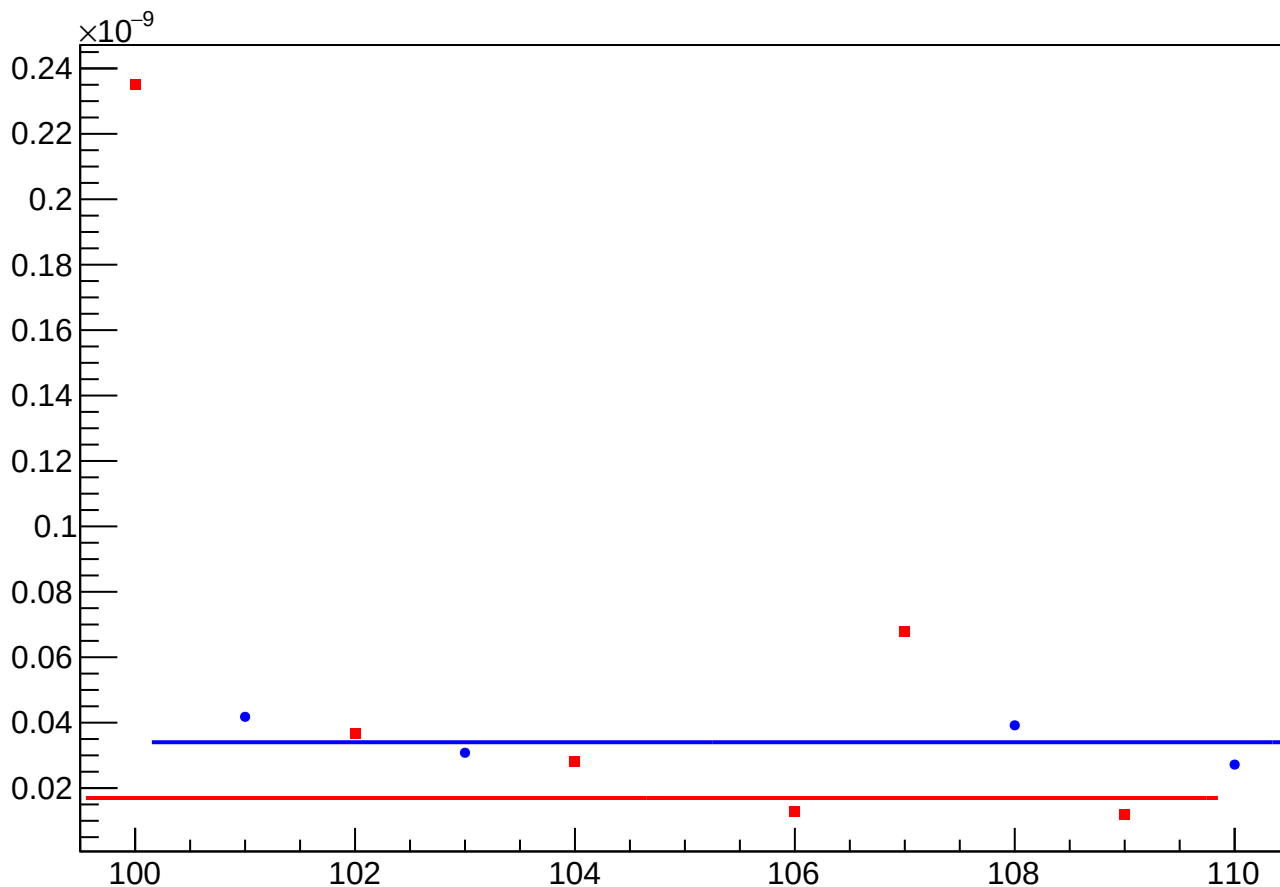
Right: -0.000+/-0.000 χ^2/NDF : 15.4/9

In: -0.000+/-0.000 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.4/9

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 61575.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 439255.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

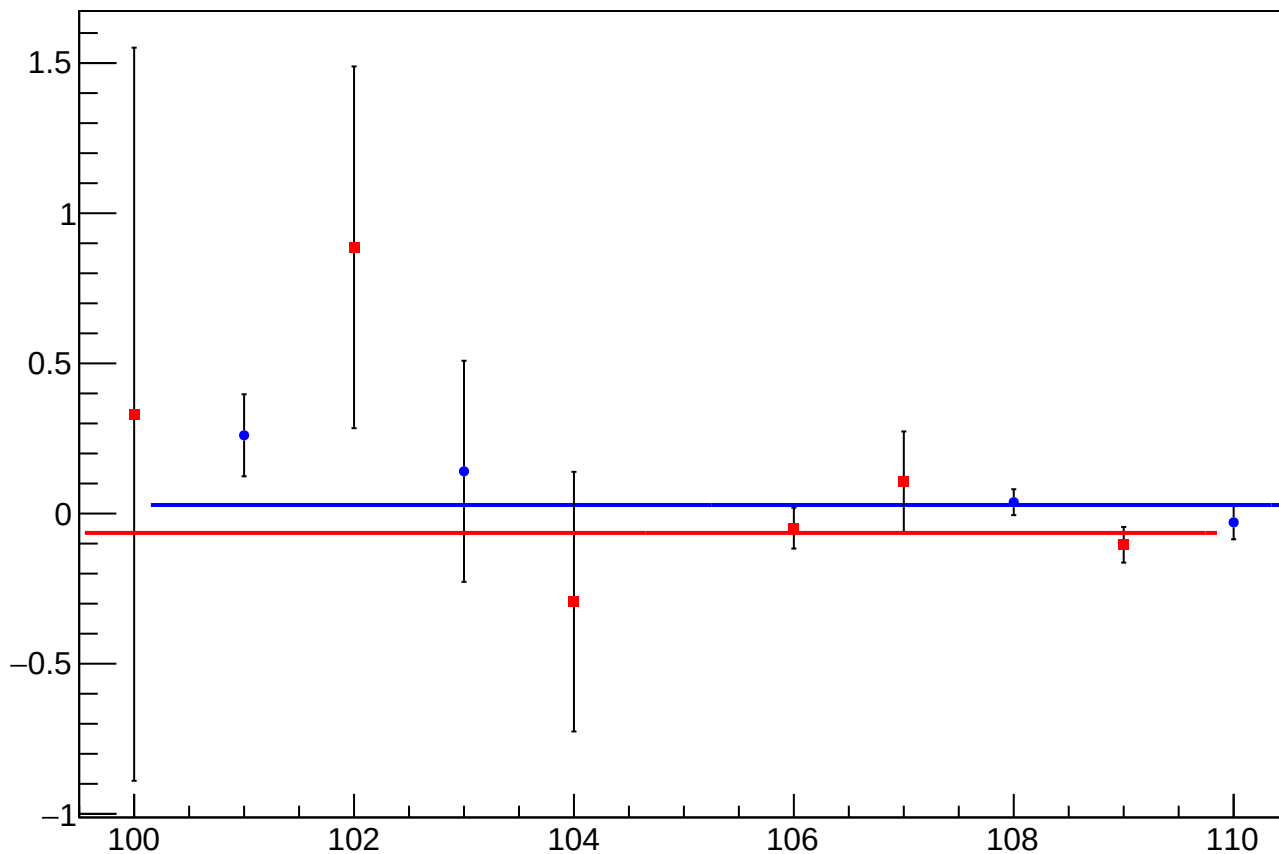
Right: 0.000+/-0.000 χ^2/NDF : 855335.7/9

In: 0.000+/-0.000 χ^2/NDF : 61575.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 855335.7/9

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.033 χ^2 /NDF: 4.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.043 χ^2 /NDF: 4.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

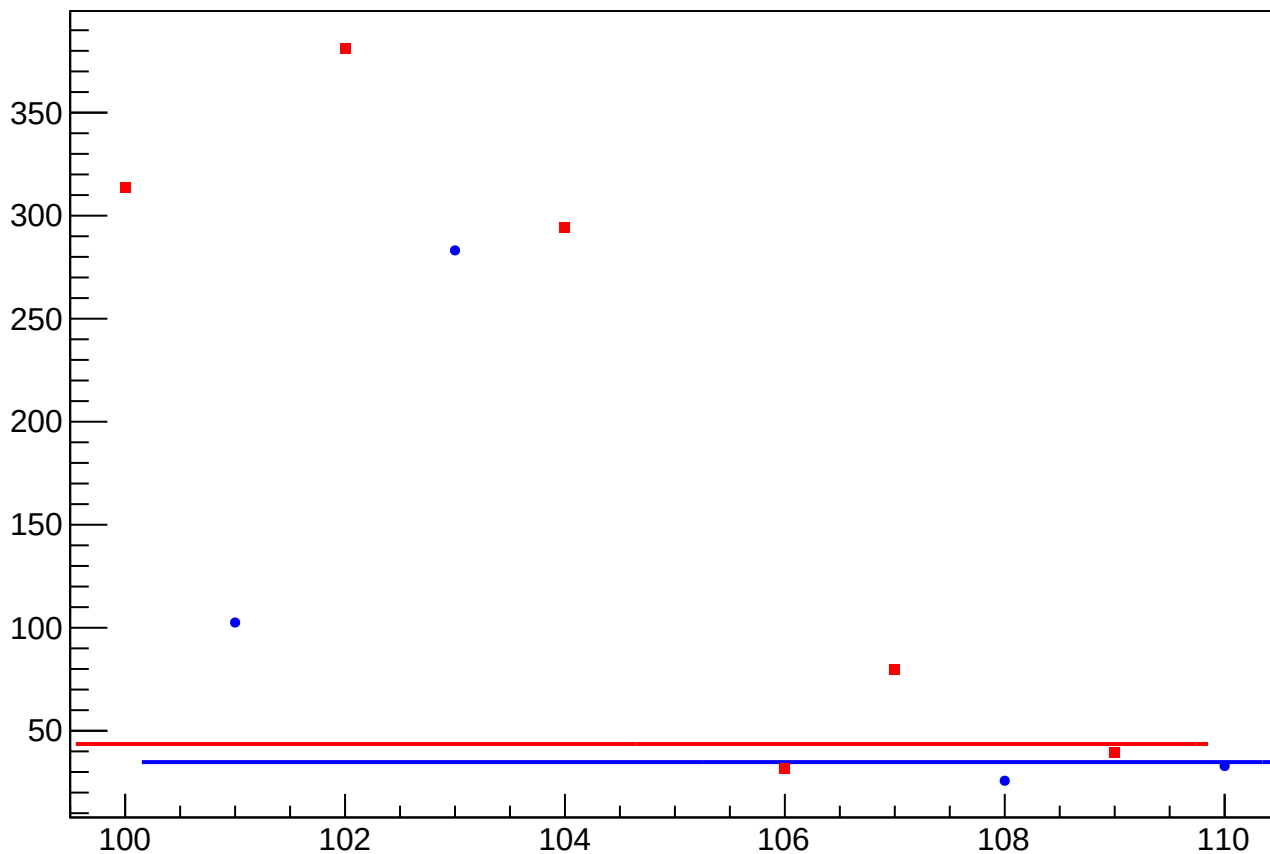
Right: -0.006 $\pm$ 0.026 χ^2 /NDF: 11.4/9

In: 0.029 $\pm$ 0.033 χ^2 /NDF:4.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.026 χ^2 /NDF: 11.4/9

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.794+/-0.023 χ^2/NDF : 1492507.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.589+/-0.030 χ^2/NDF : 1561720.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

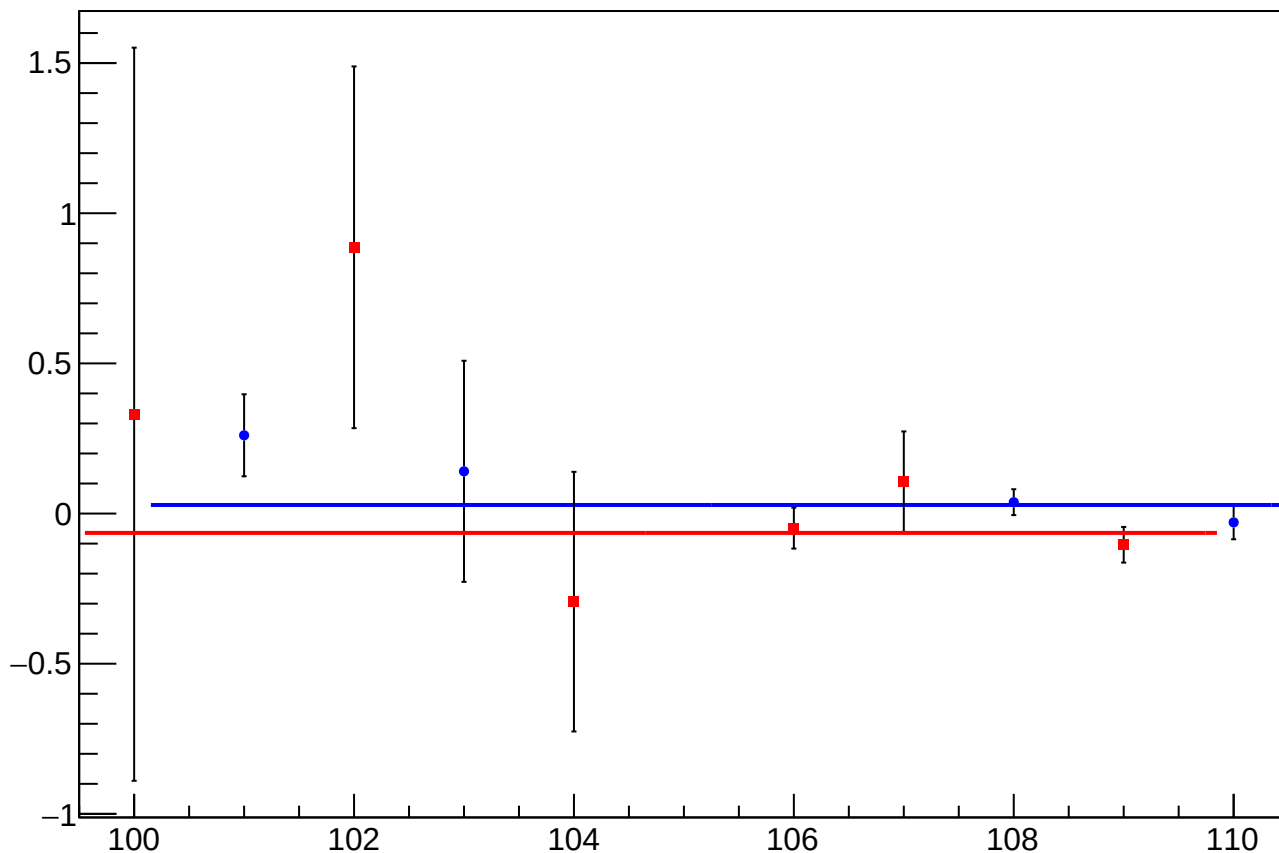
Right: 38.070+/-0.019 χ^2/NDF : 3106934.9/9

In: 34.794+/-0.023 χ^2/NDF : 1492507.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.070+/-0.019 χ^2/NDF : 3106934.9/9

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.033 χ^2/NDF : 4.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.064+/-0.043 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

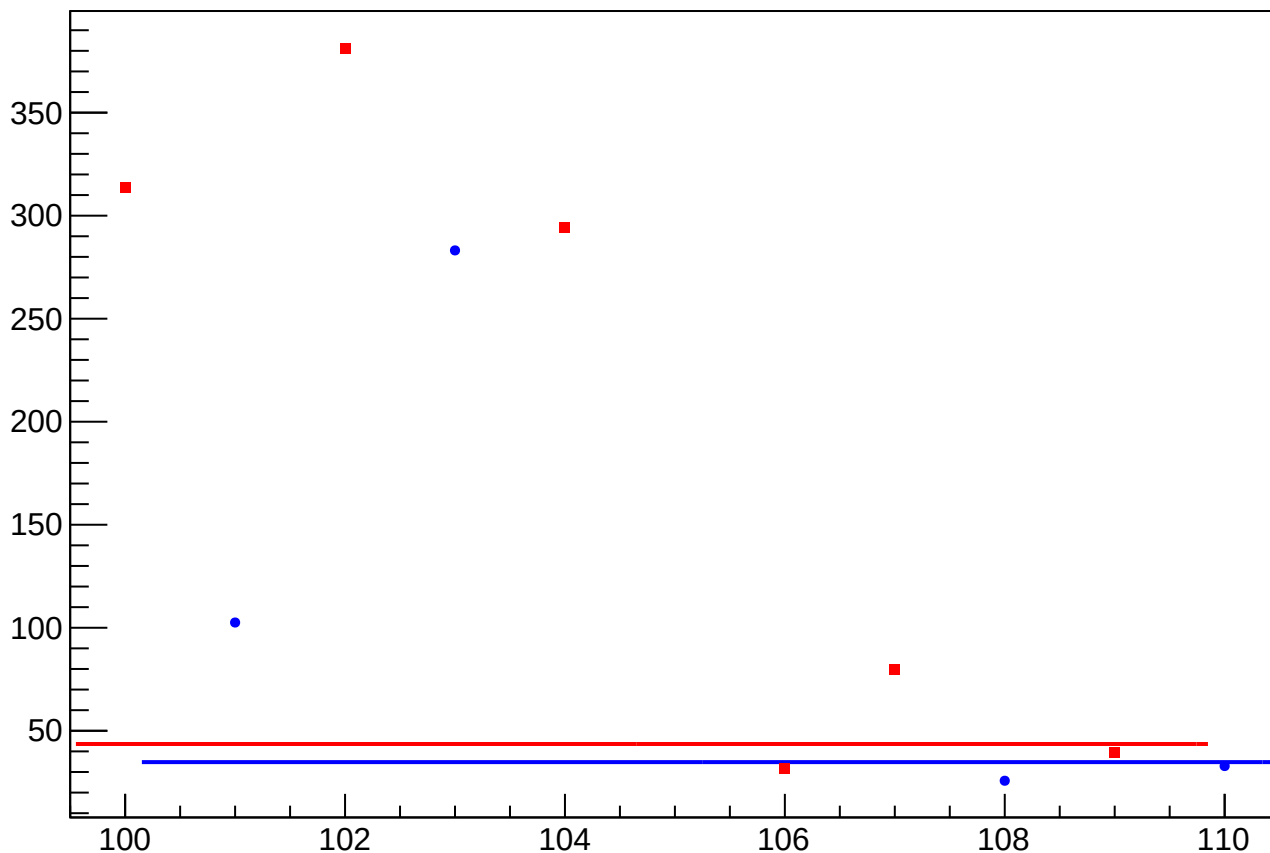
Right: -0.006+/-0.026 χ^2/NDF : 11.4/9

In: 0.029+/-0.033 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.026 χ^2/NDF : 11.4/9

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.794+/-0.023 χ^2/NDF : 1492507.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.589+/-0.030 χ^2/NDF : 1561720.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

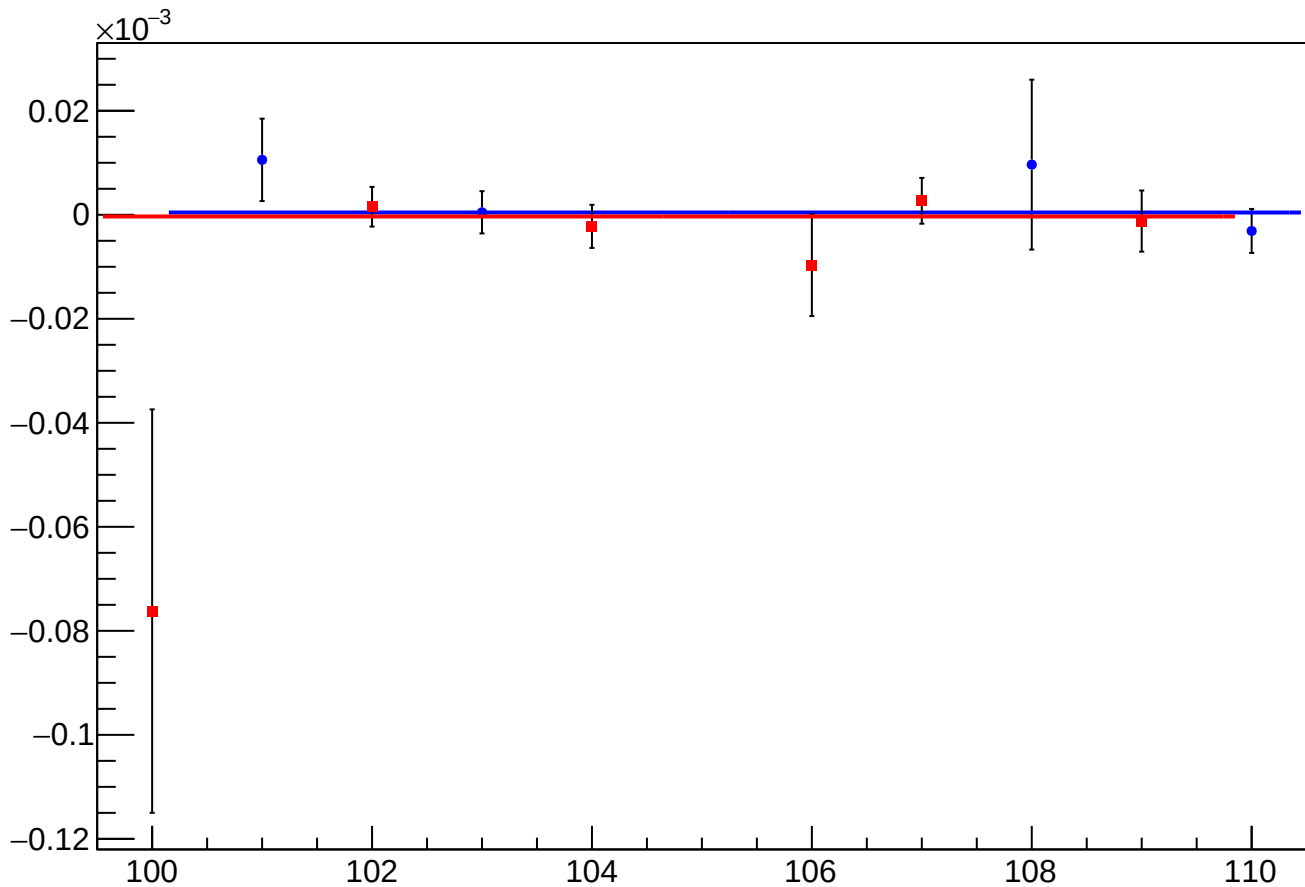
Right: 38.070+/-0.019 χ^2/NDF : 3106934.9/9

In: 34.794+/-0.023 χ^2/NDF : 1492507.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.070+/-0.019 χ^2/NDF : 3106934.9/9

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

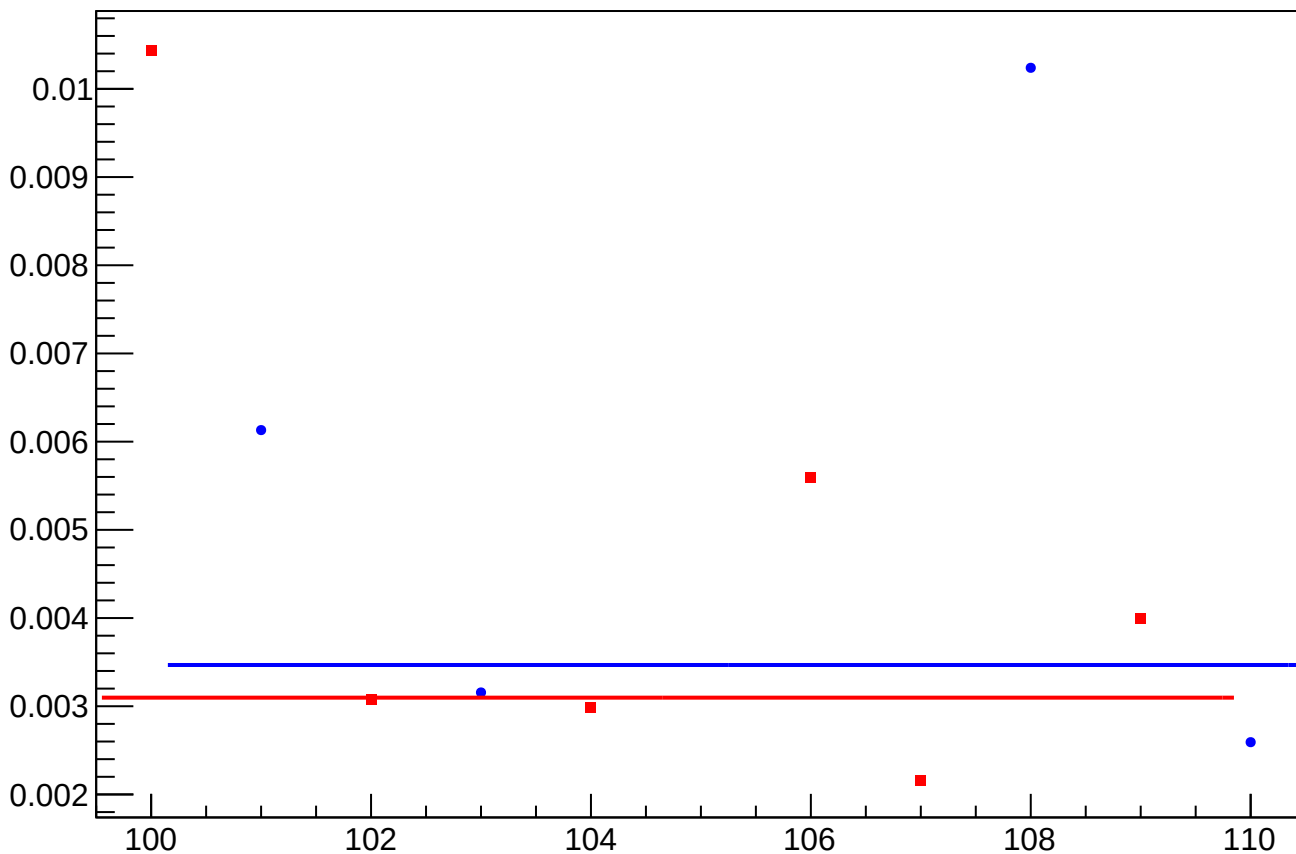
Right: -0.000+/-0.000 χ^2/NDF : 8.4/9

In: 0.000+/-0.000 χ^2/NDF : 2.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.4/9

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 666910.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 340863.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

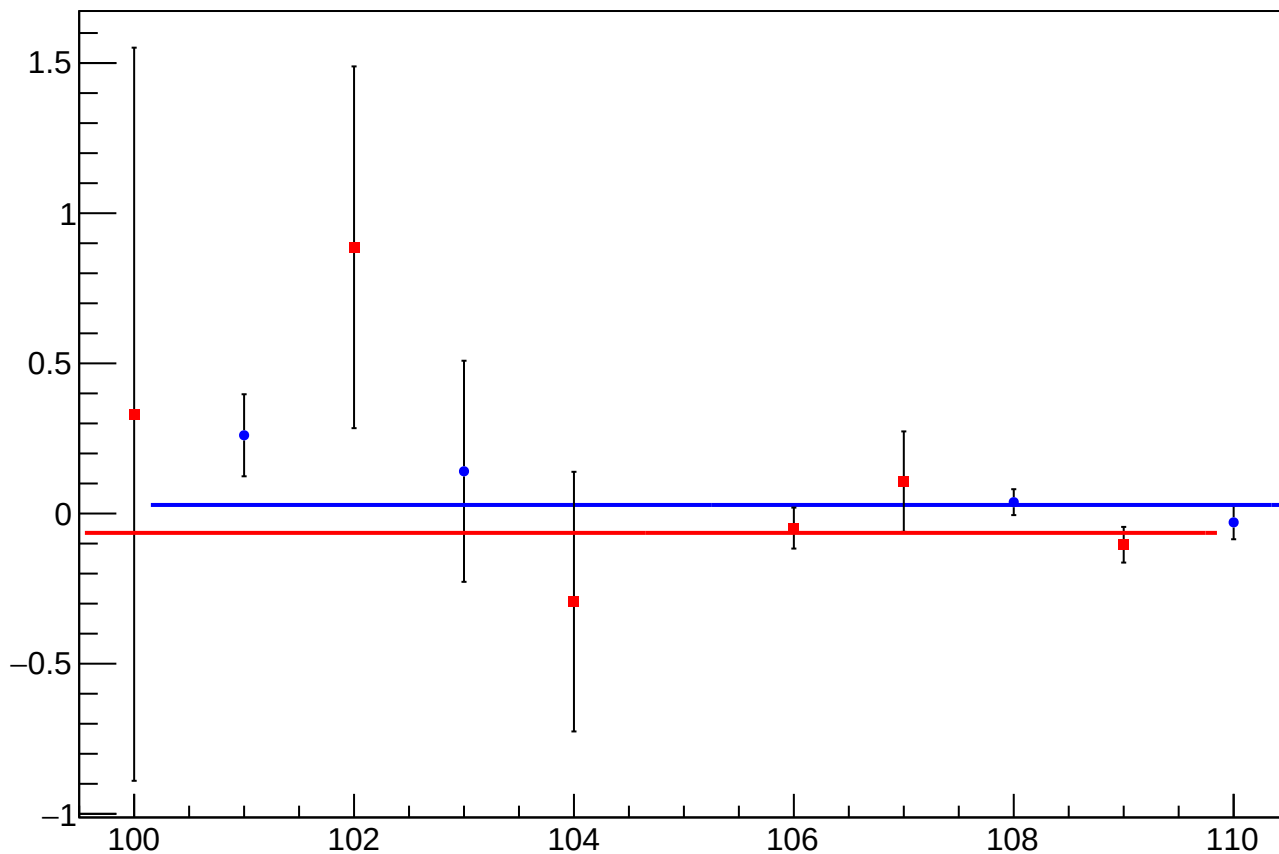
Right: 0.003+/-0.000 χ^2/NDF : 1030794.9/9

In: 0.003+/-0.000 χ^2/NDF : 666910.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1030794.9/9

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.033 χ^2/NDF : 4.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.064+/-0.043 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

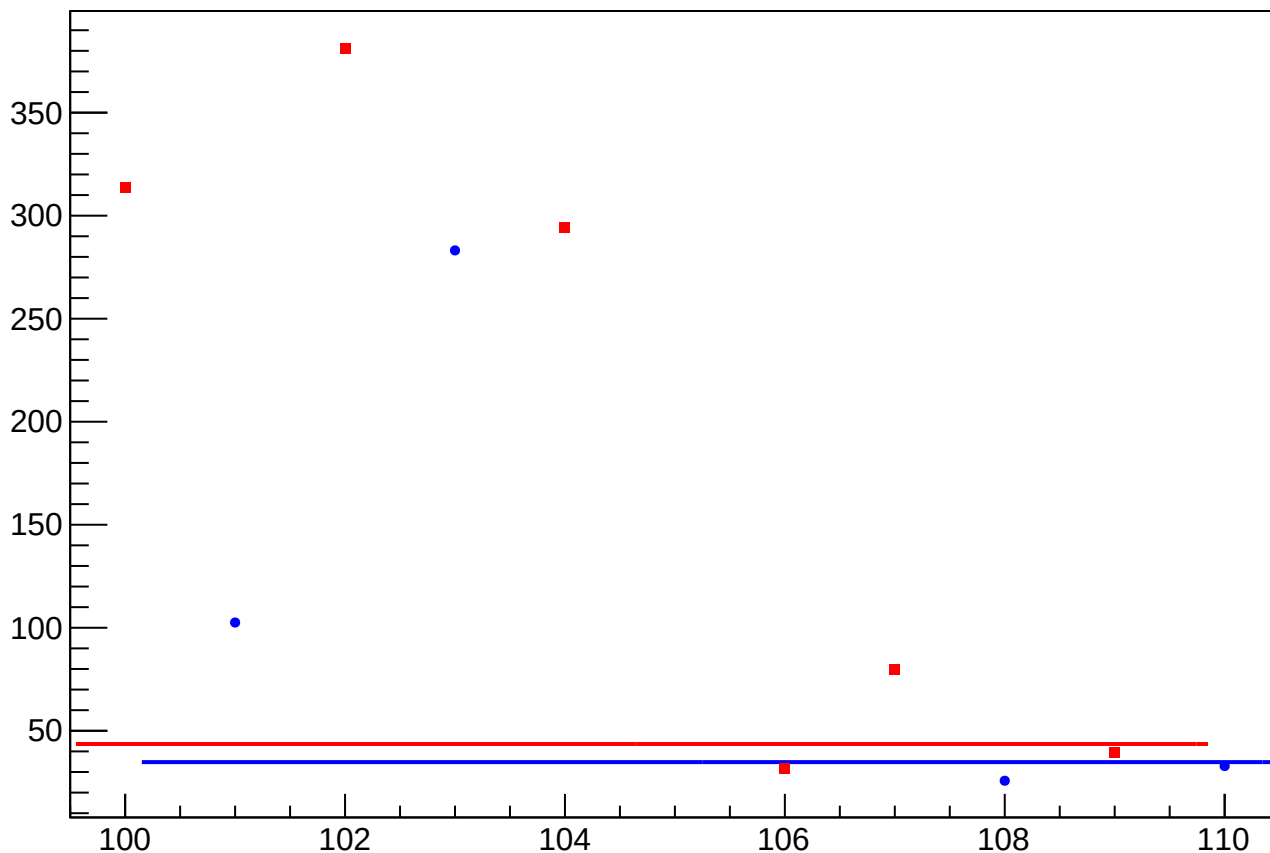
Right: -0.006+/-0.026 χ^2/NDF : 11.4/9

In: 0.029+/-0.033 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.026 χ^2/NDF : 11.4/9

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.797+/-0.023 χ^2/NDF : 1492436.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.590+/-0.030 χ^2/NDF : 1561704.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

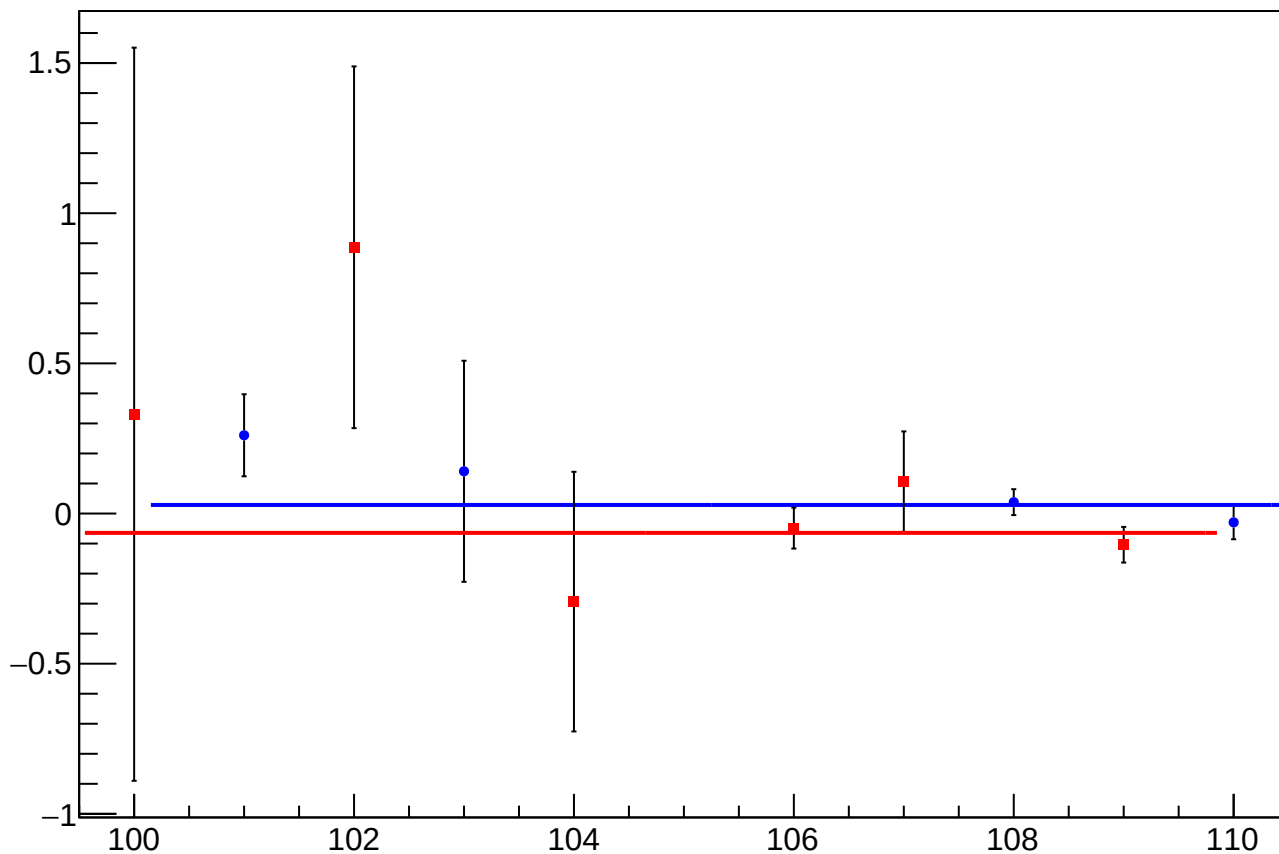
Right: 38.073+/-0.019 χ^2/NDF : 3106820.7/9

In: 34.797+/-0.023 χ^2/NDF : 1492436.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.073+/-0.019 χ^2/NDF : 3106820.7/9

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.033 χ^2 /NDF: 4.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.043 χ^2 /NDF: 4.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

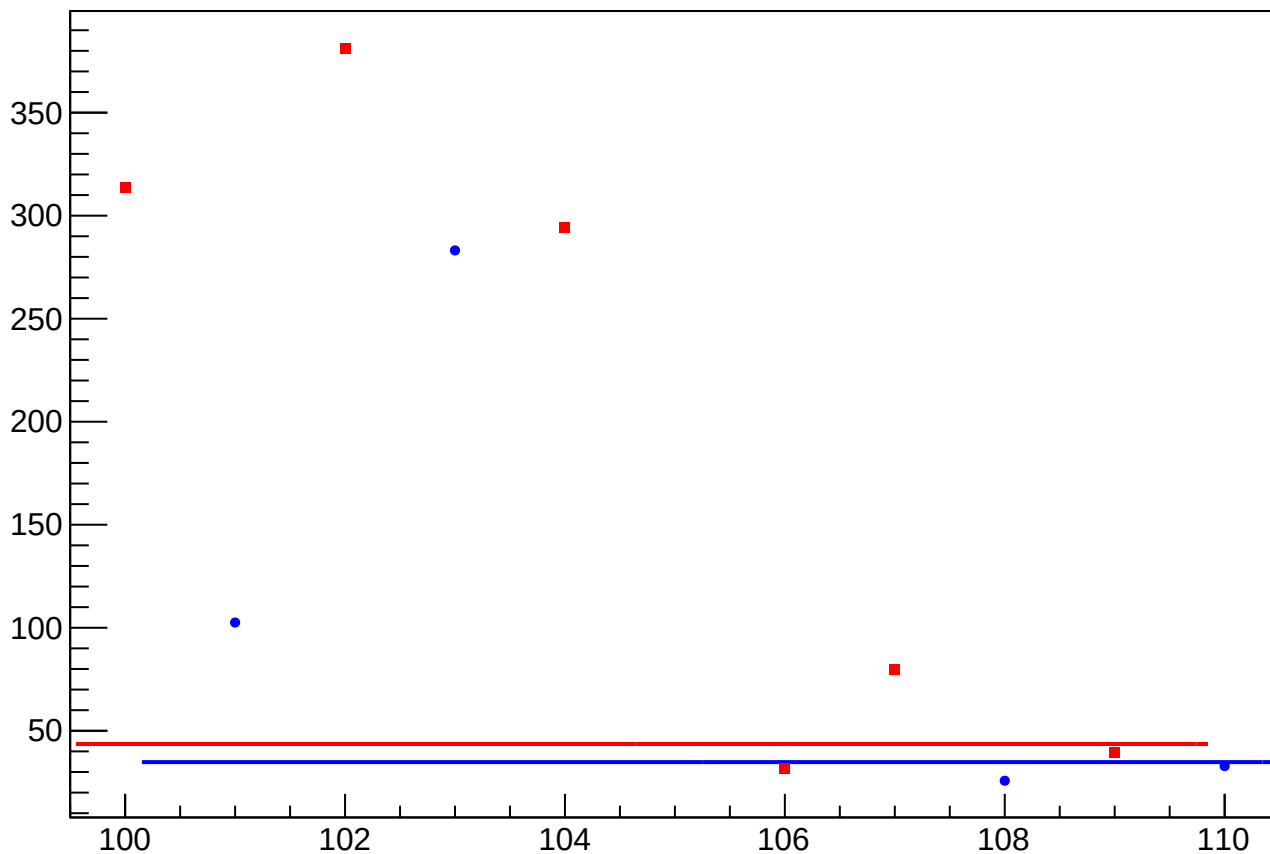
Right: -0.006 $\pm$ 0.026 χ^2 /NDF: 11.4/9

In: 0.029 $\pm$ 0.033 χ^2 /NDF:4.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.026 χ^2 /NDF: 11.4/9

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.797+/-0.023 χ^2/NDF : 1492436.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 43.590+/-0.030 χ^2/NDF : 1561704.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

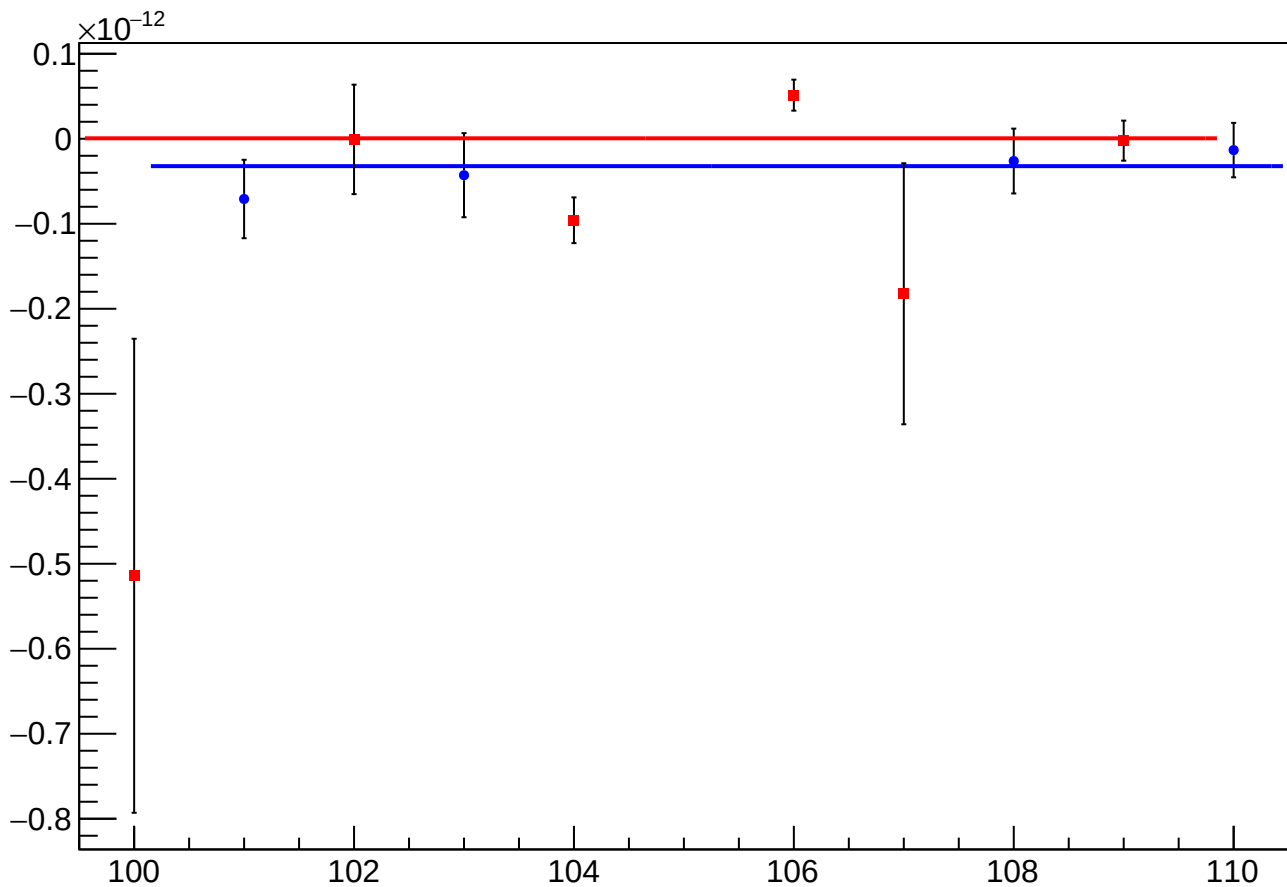
Right: 38.073+/-0.019 χ^2/NDF : 3106820.7/9

In: 34.797+/-0.023 χ^2/NDF :1492436.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 38.073+/-0.019 χ^2/NDF : 3106820.7/9

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 25.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

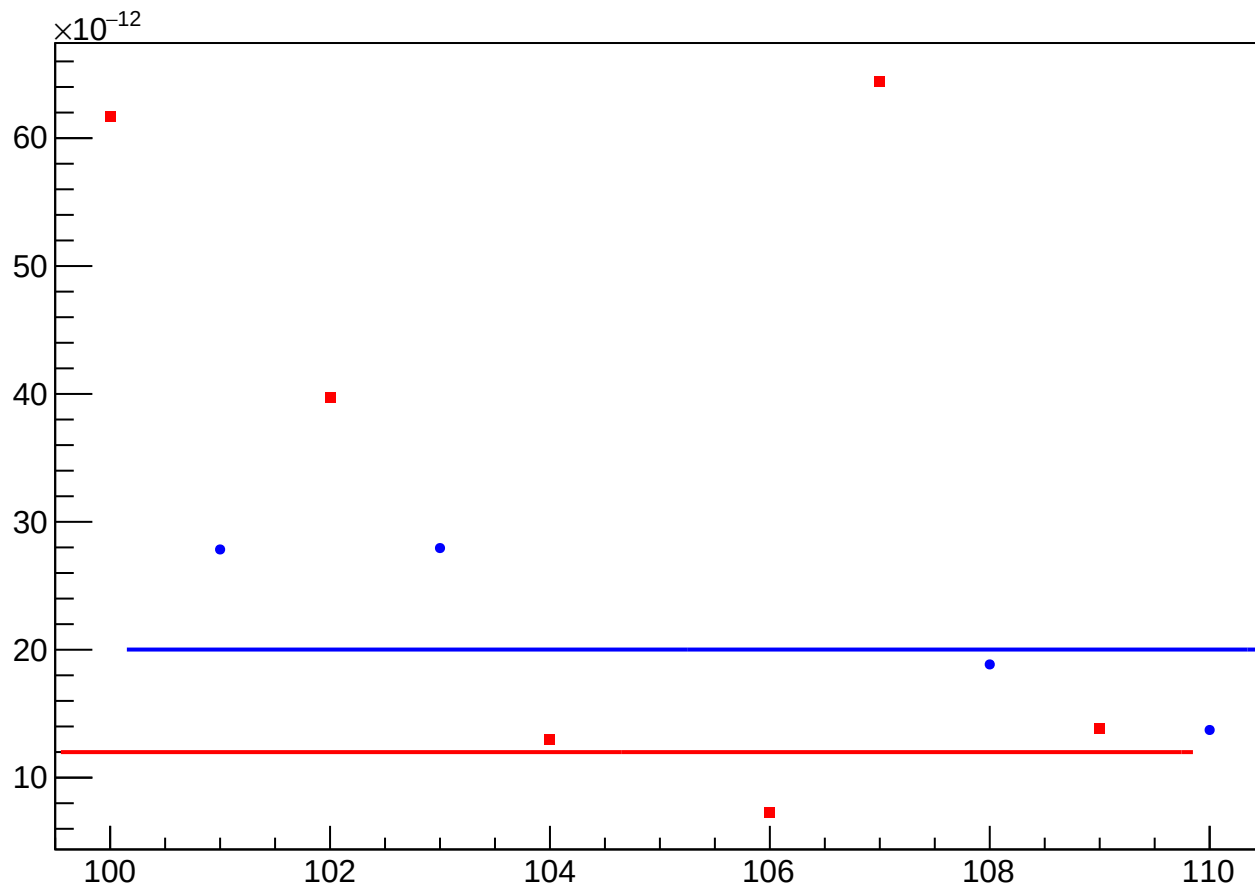
Right: -0.000+/-0.000 χ^2/NDF : 28.5/9

In: -0.000+/-0.000 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.5/9

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 187976.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 818217.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

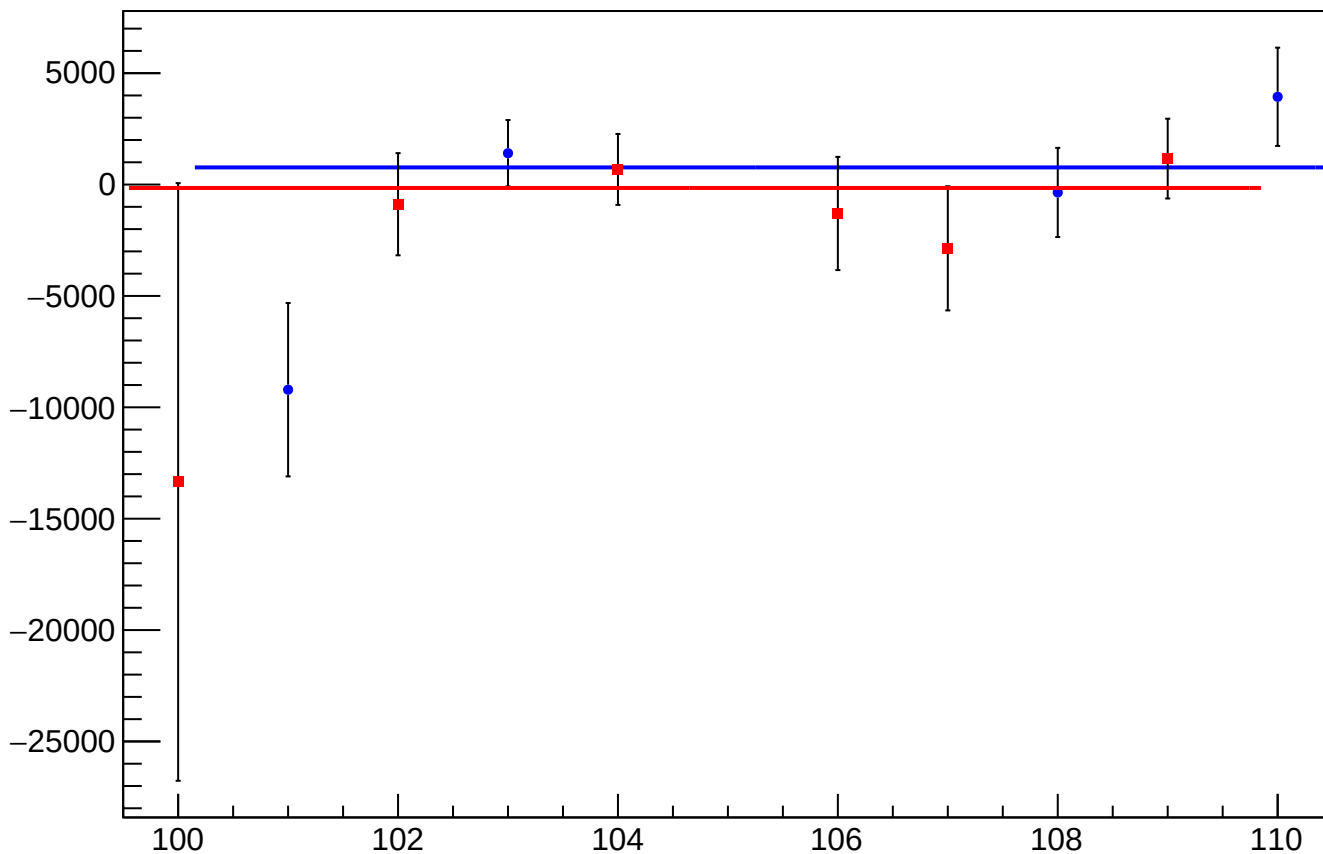
Right: 0.000+/-0.000 χ^2/NDF : 1240994.4/9

In: 0.000+/-0.000 χ^2/NDF : 187976.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1240994.4/9

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 769.753+/-1014.323 χ^2/NDF : 9.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.441+/-918.541 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

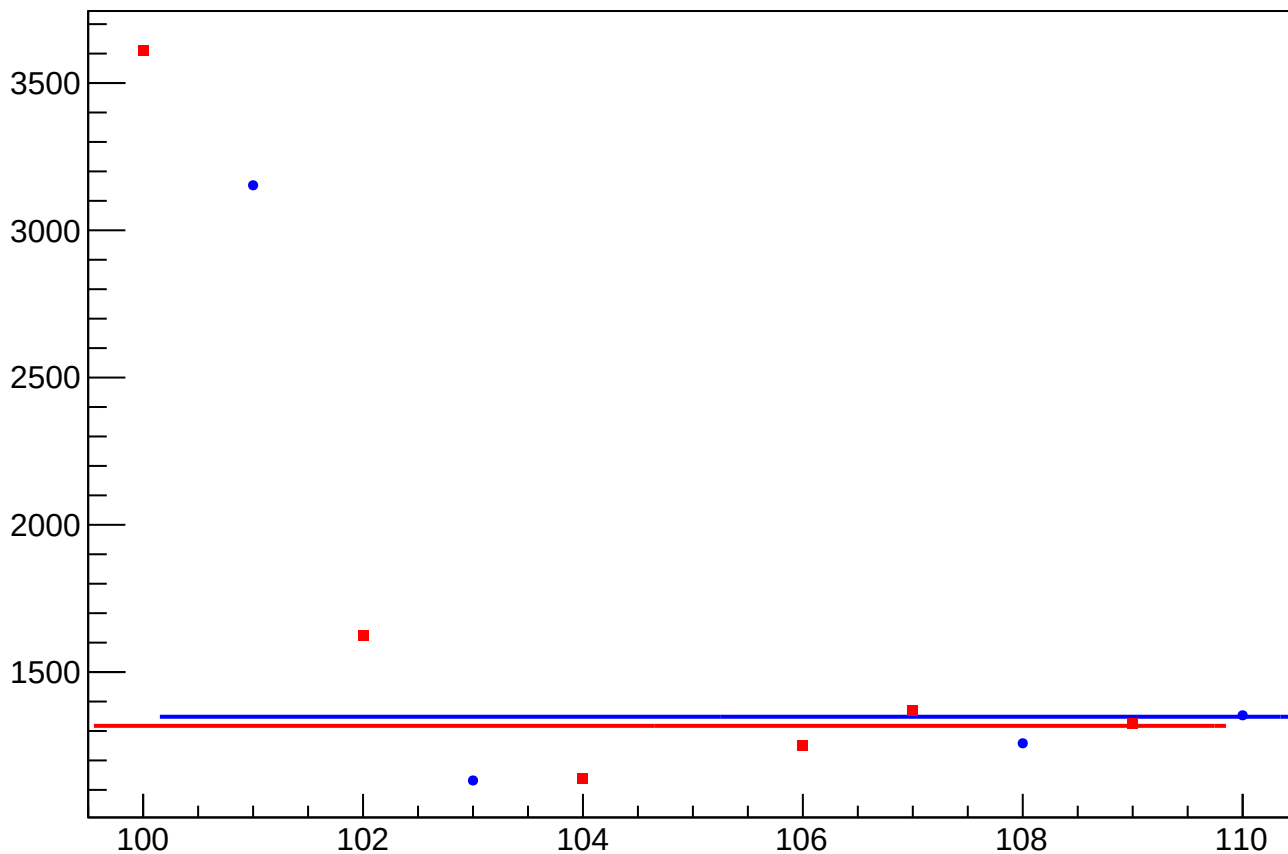
Right: 263.069+/-680.857 χ^2/NDF : 12.6/9

In: 769.753+/-1014.323 χ^2/NDF : 9.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.069+/-680.857 χ^2/NDF : 12.6/9

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1348.352+/-0.717 χ^2/NDF : 475997.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1317.432+/-0.649 χ^2/NDF : 121041.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

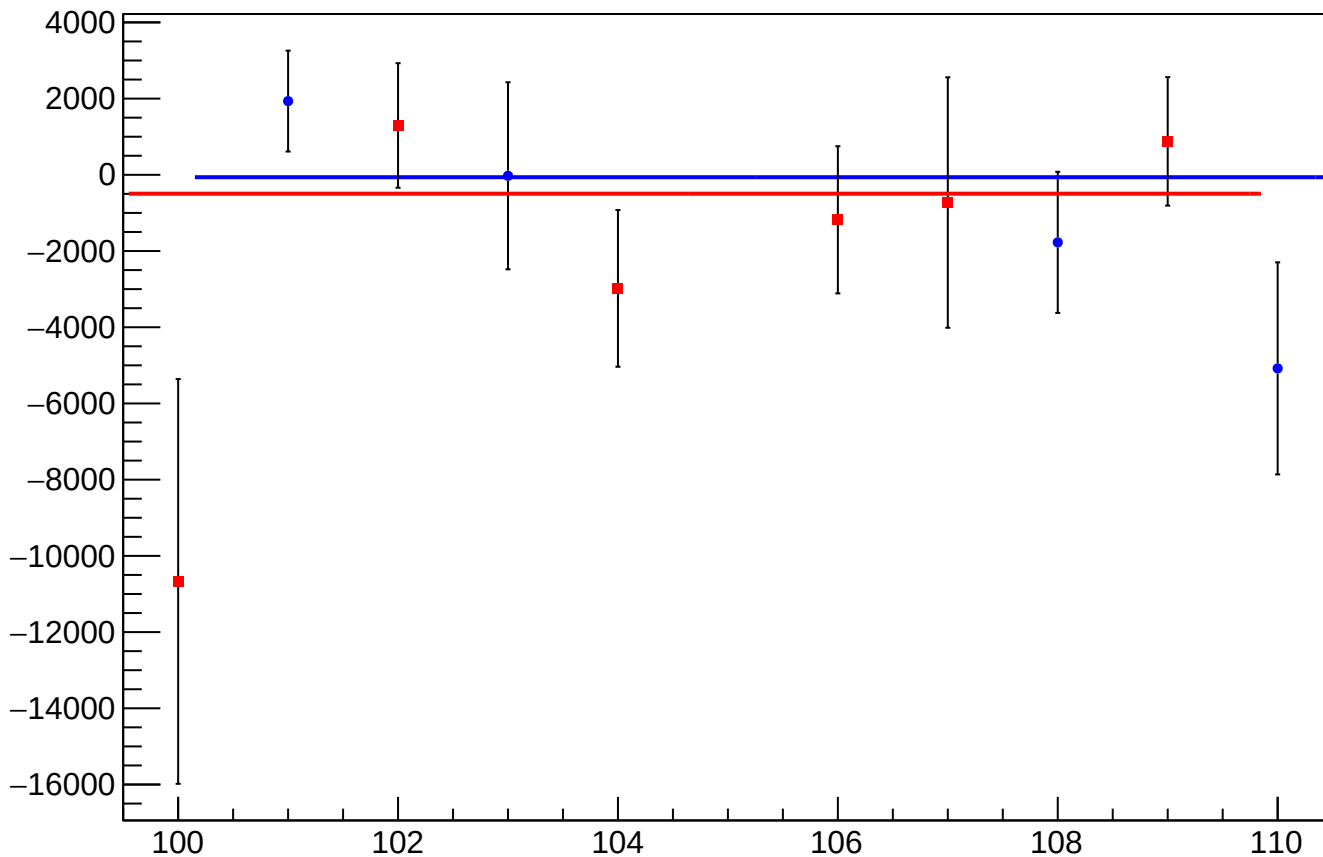
Right: 1331.363+/-0.481 χ^2/NDF : 598059.8/9

In: 1348.352+/-0.717 χ^2/NDF : 475997.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.363+/-0.481 χ^2/NDF : 598059.8/9

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -62.868+/-929.417 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -495.302+/-857.907 χ^2/NDF : 7.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

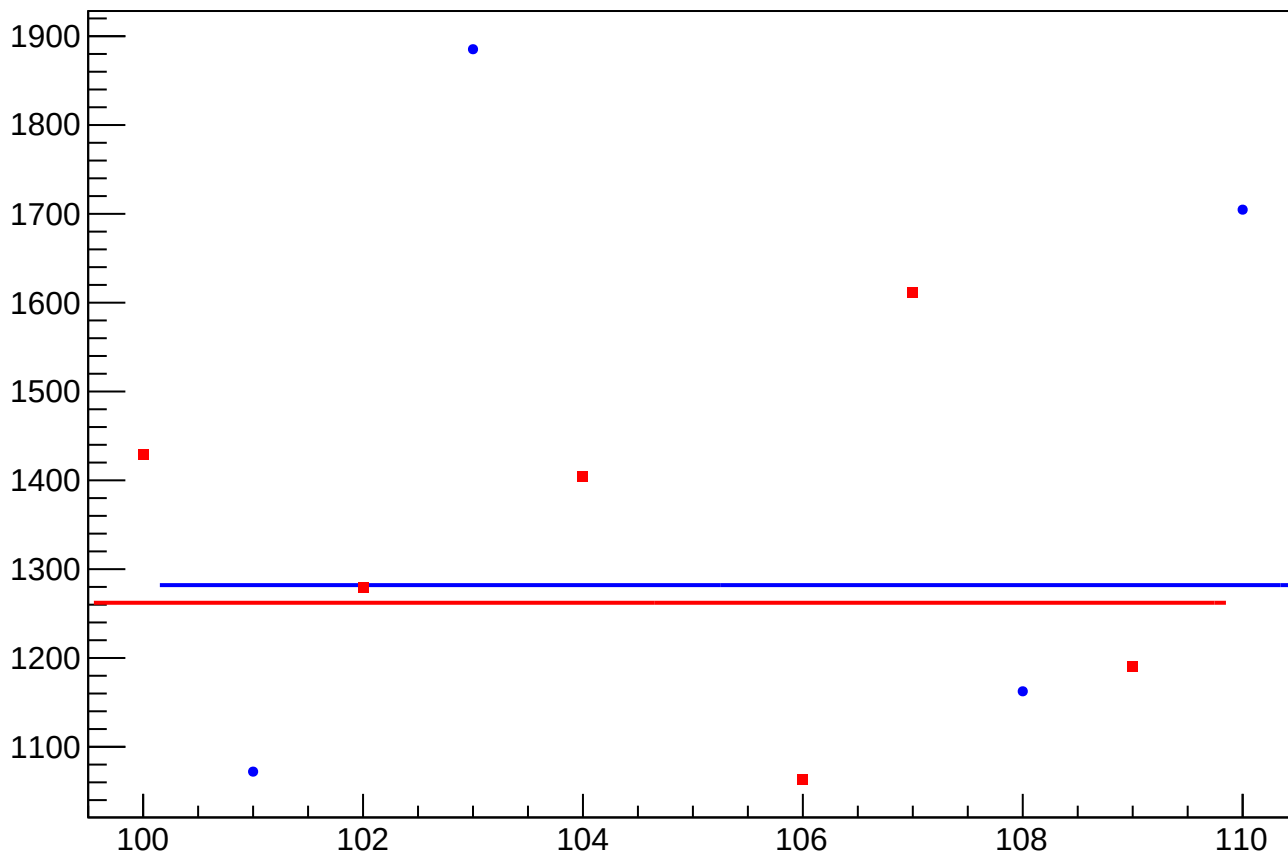
Right: -296.359+/-630.398 χ^2/NDF : 13.6/9

In: -62.868+/-929.417 χ^2/NDF : 6.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -296.359+/-630.398 χ^2/NDF : 13.6/9

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1282.037+/-0.657 χ^2/NDF : 225653.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1262.169+/-0.607 χ^2/NDF : 59198.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

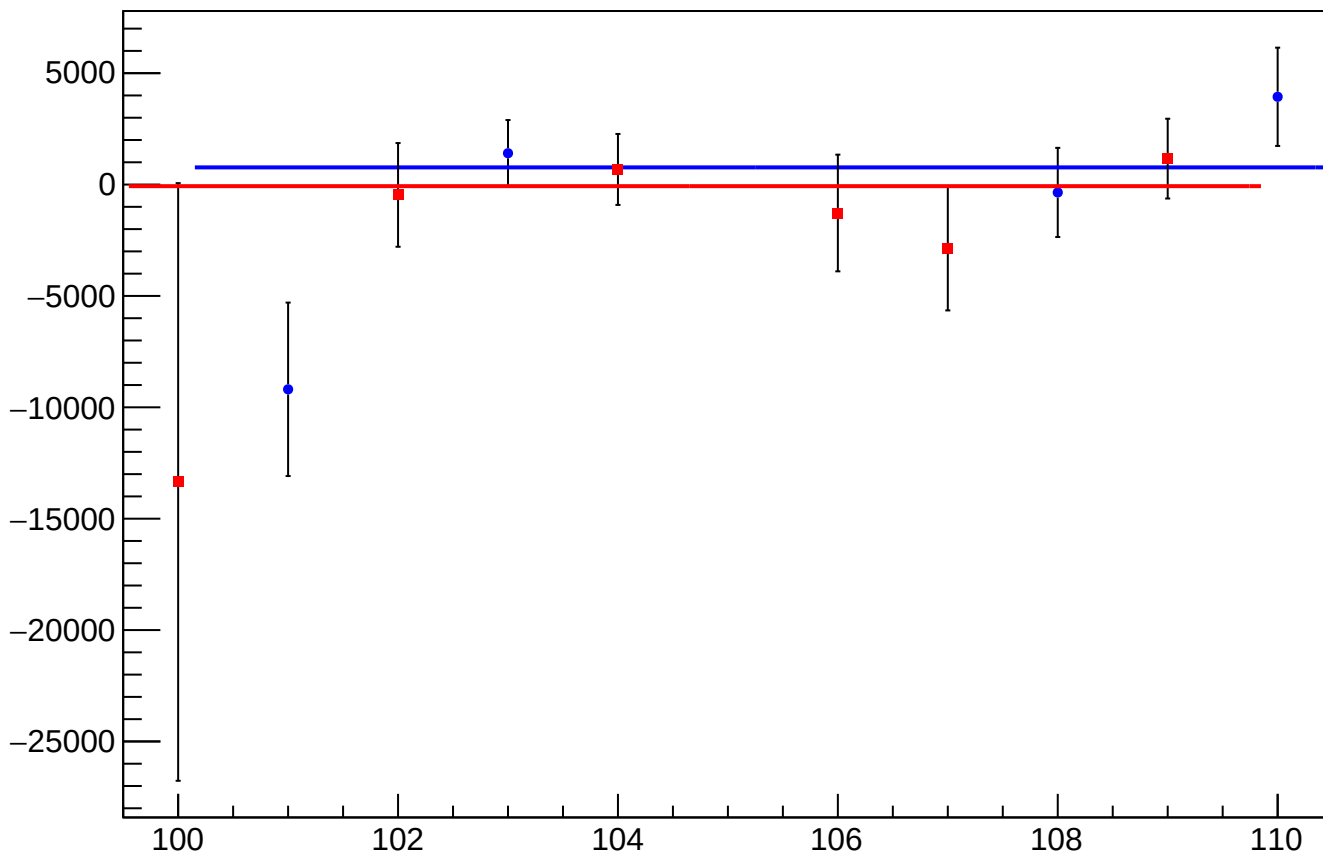
Right: 1271.309+/-0.446 χ^2/NDF : 285346.0/9

In: 1282.037+/-0.657 χ^2/NDF : 225653.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1271.309+/-0.446 χ^2/NDF : 285346.0/9

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 770.918+/-1014.324 χ^2/NDF : 9.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.852+/-924.289 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

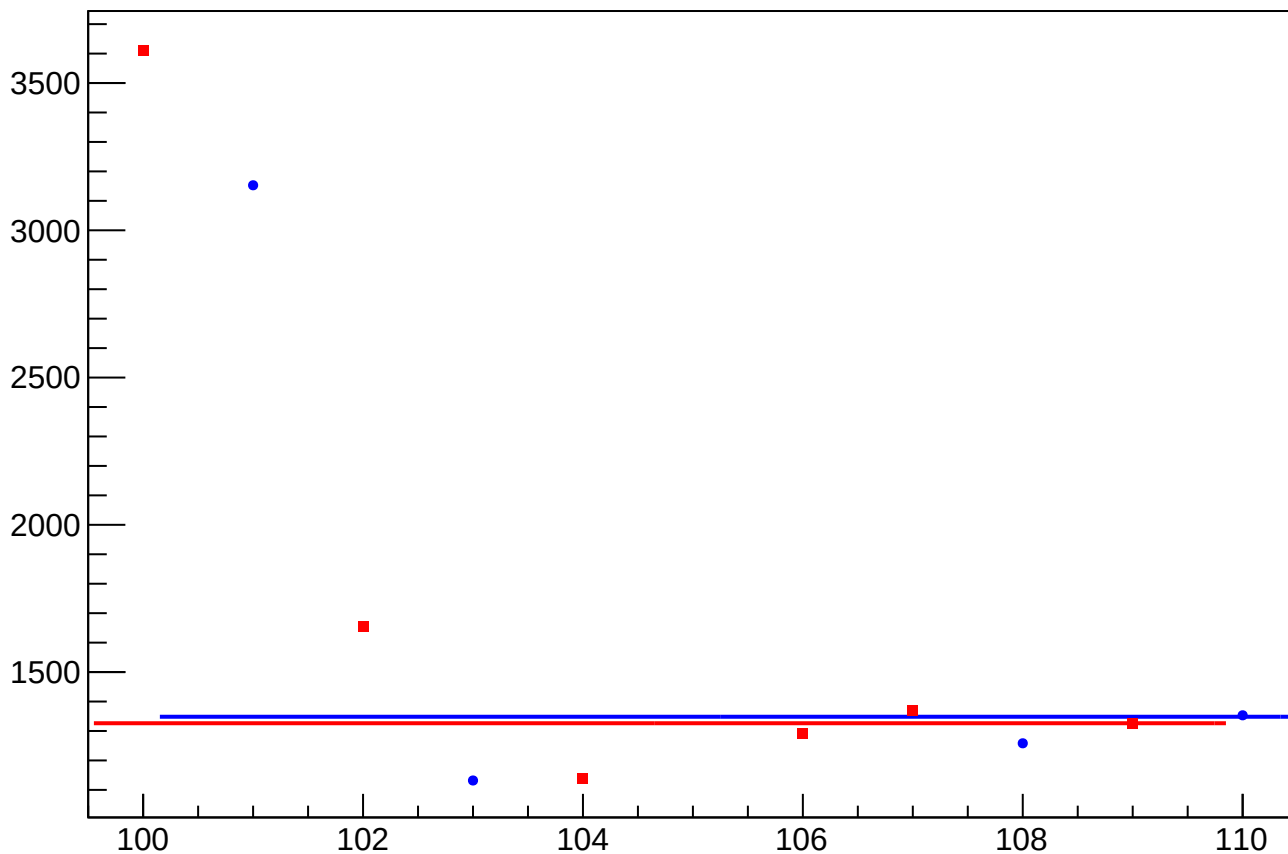
Right: 310.477+/-683.189 χ^2/NDF : 12.4/9

In: 770.918+/-1014.324 χ^2/NDF : 9.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.477+/-683.189 χ^2/NDF : 12.4/9

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1348.351+/-0.717 χ^2/NDF : 475998.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.314+/-0.654 χ^2/NDF : 126136.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

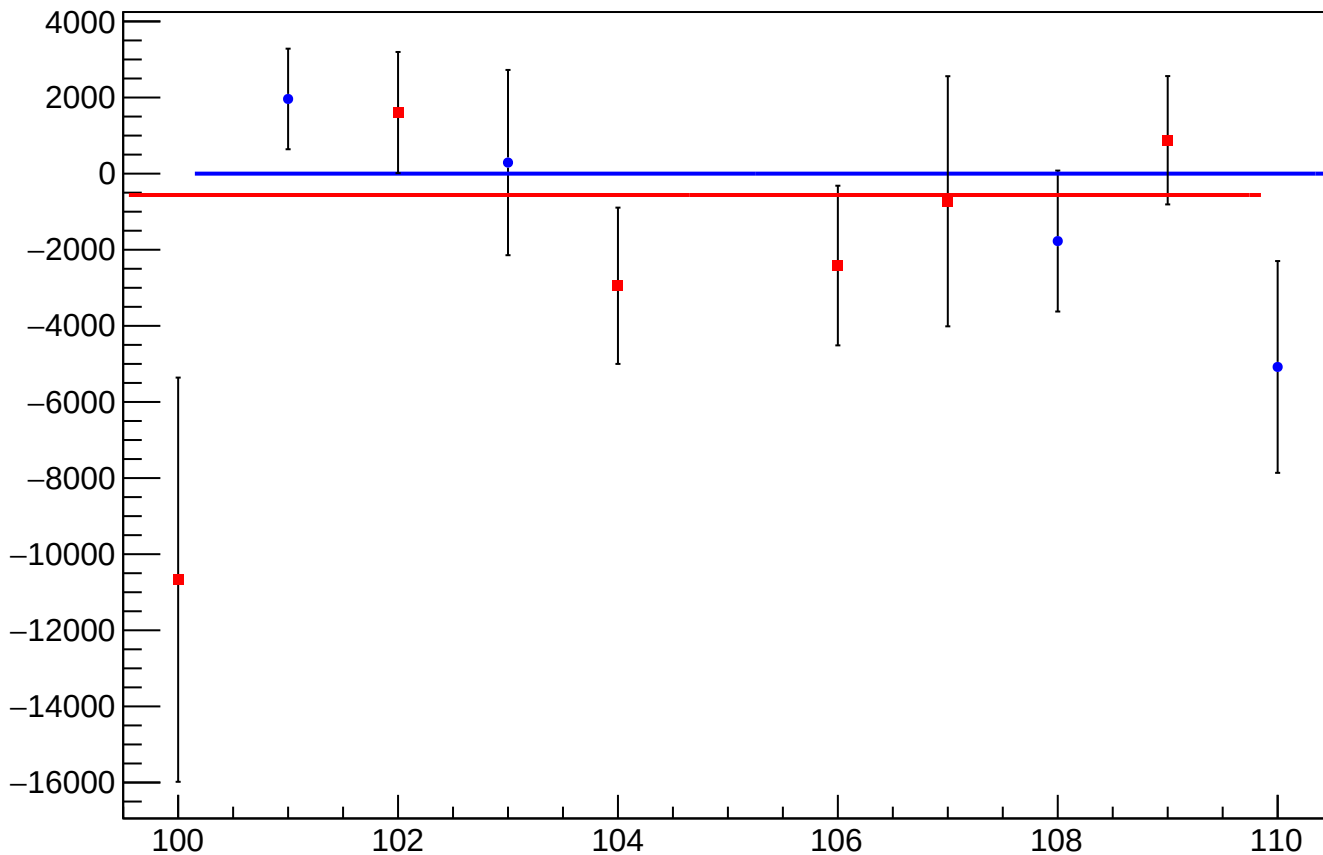
Right: 1336.311+/-0.483 χ^2/NDF : 602650.5/9

In: 1348.351+/-0.717 χ^2/NDF : 475998.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.311+/-0.483 χ^2/NDF : 602650.5/9

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -0.014+/-927.587 χ^2/NDF : 6.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -561.279+/-864.289 χ^2/NDF : 8.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

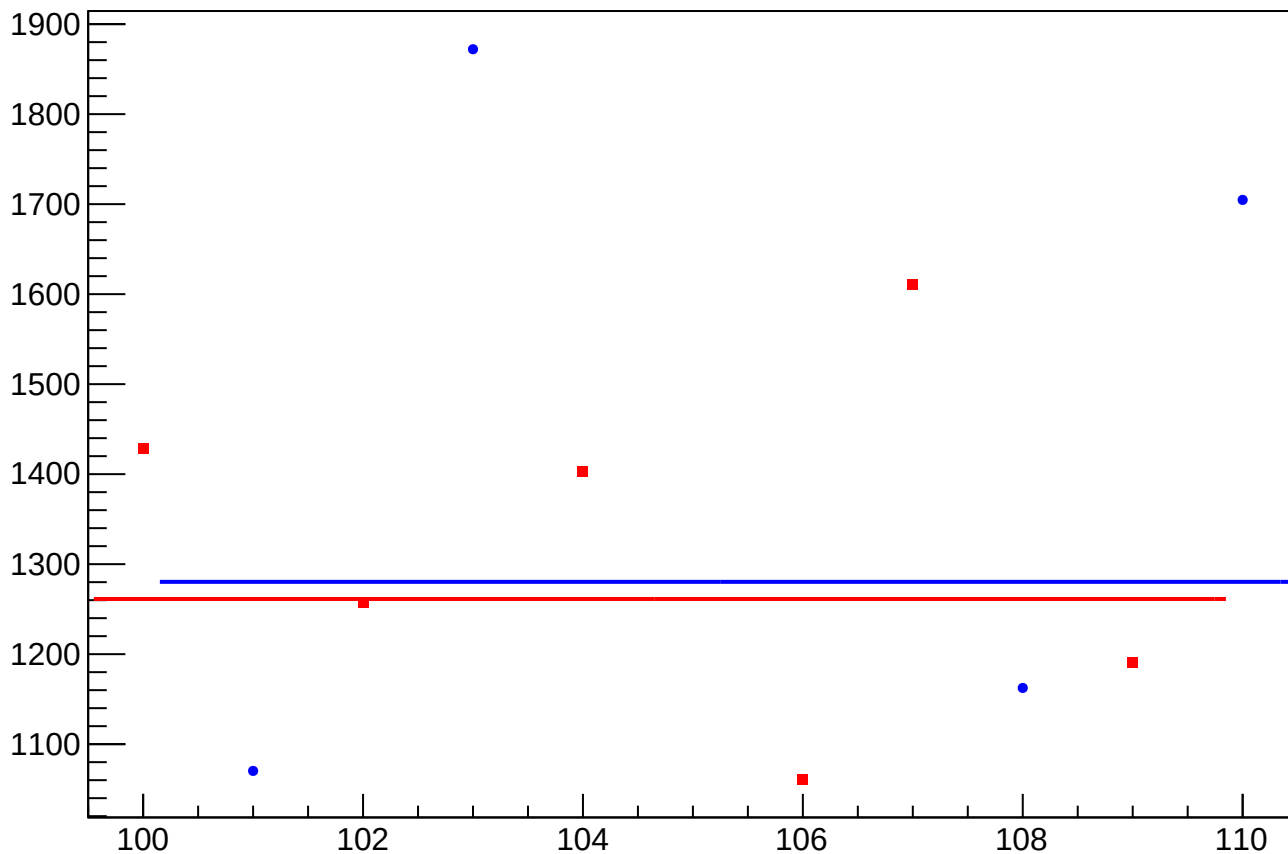
Right: -300.449+/-632.339 χ^2/NDF : 15.0/9

In: -0.014+/-927.587 χ^2/NDF : 6.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -300.449+/-632.339 χ^2/NDF : 15.0/9

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1280.345+/-0.656 χ^2/NDF : 223359.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1261.304+/-0.611 χ^2/NDF : 55983.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

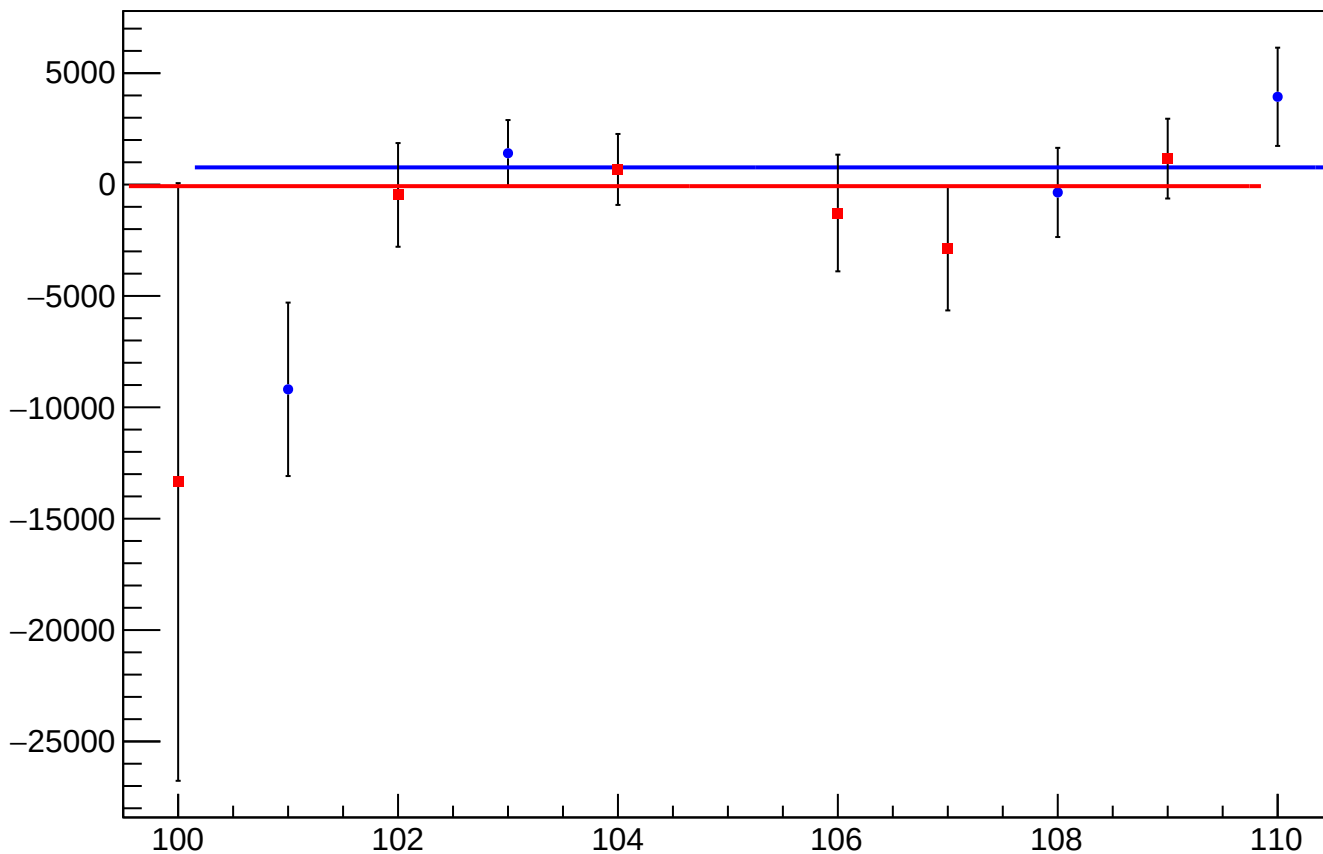
Right: 1270.153+/-0.447 χ^2/NDF : 279794.1/9

In: 1280.345+/-0.656 χ^2/NDF : 223359.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1270.153+/-0.447 χ^2/NDF : 279794.1/9

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 770.918+/-1014.324 χ^2/NDF : 9.1/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -71.852+/-924.289 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

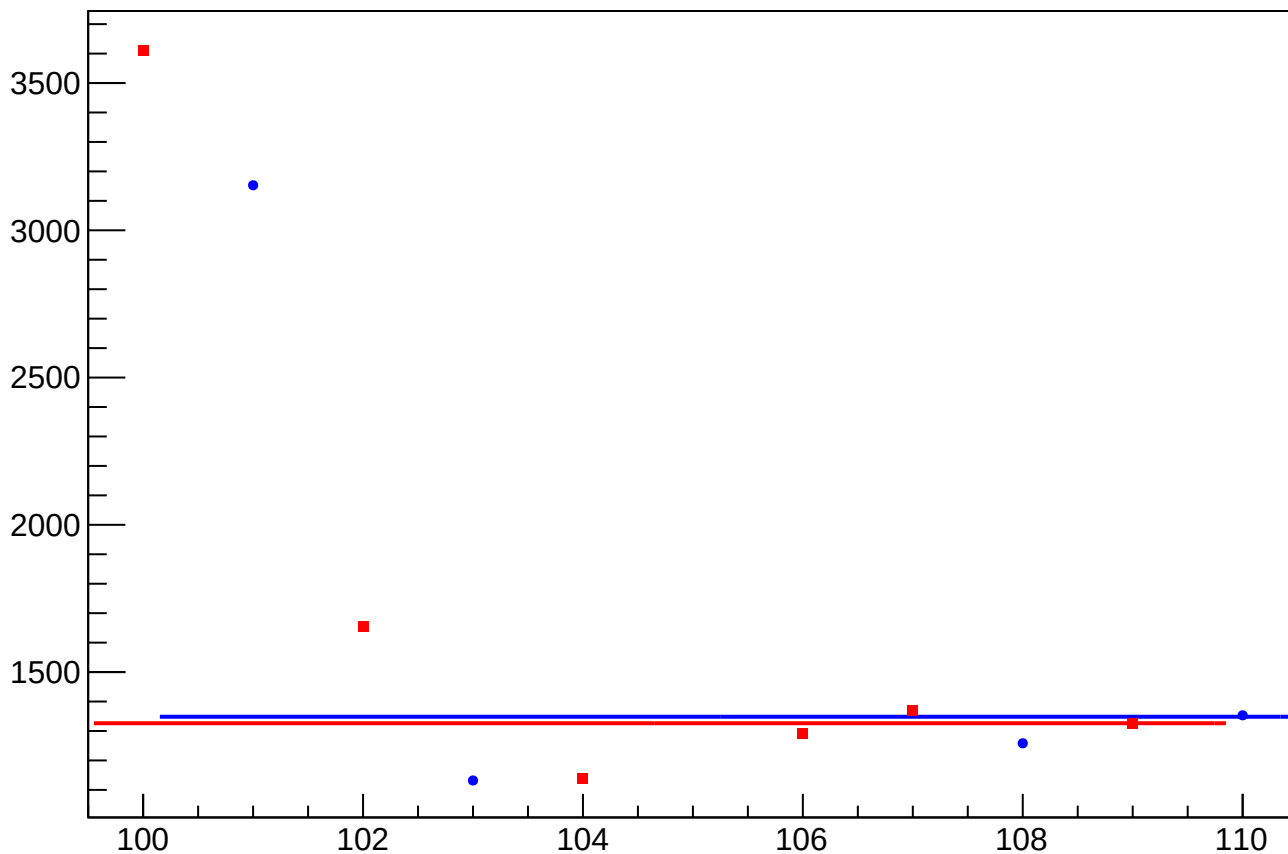
Right: 310.477+/-683.189 χ^2/NDF : 12.4/9

In: 770.918+/-1014.324 χ^2/NDF :9.1/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 310.477+/-683.189 χ^2/NDF : 12.4/9

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1348.351+/-0.717 χ^2/NDF : 475998.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.314+/-0.654 χ^2/NDF : 126136.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

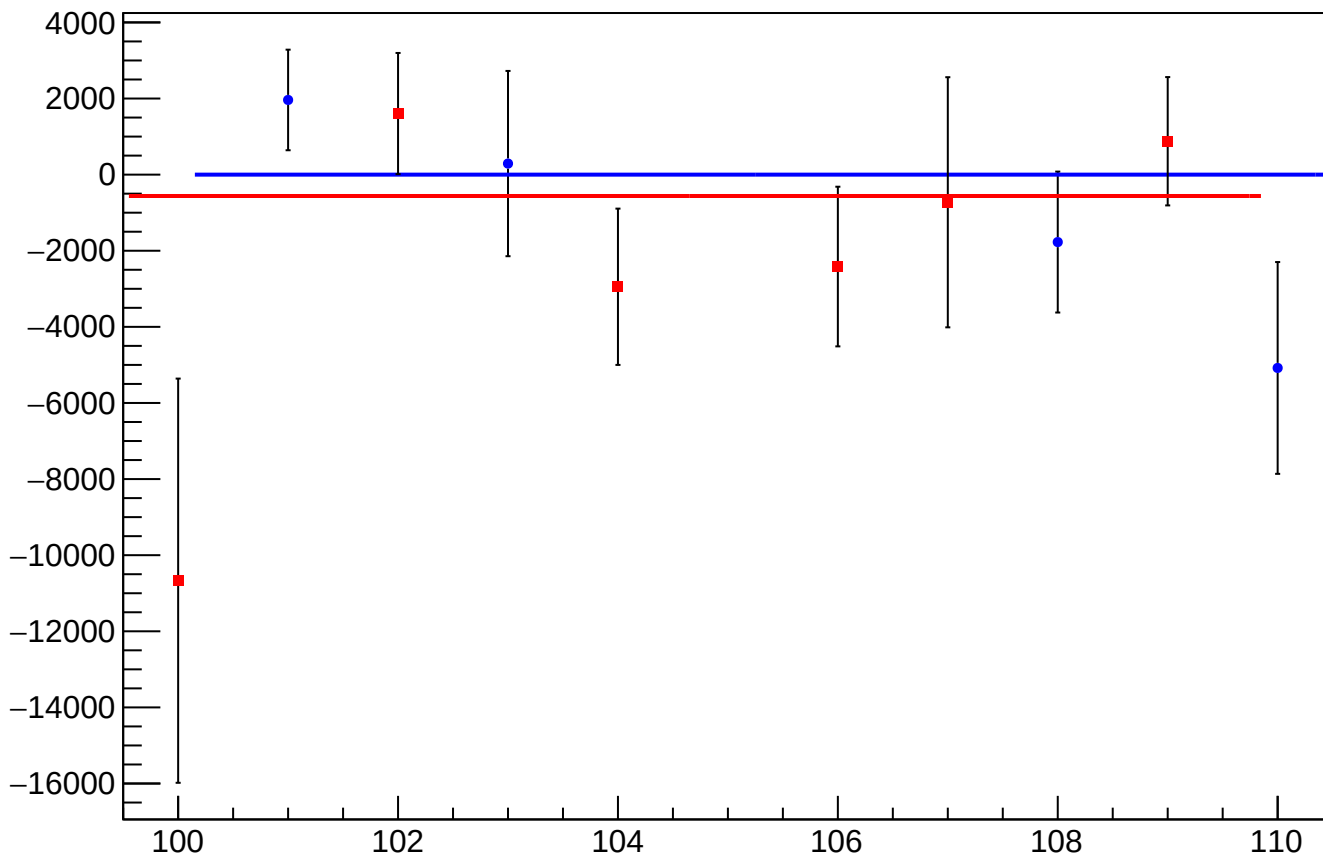
Right: 1336.311+/-0.483 χ^2/NDF : 602650.5/9

In: 1348.351+/-0.717 χ^2/NDF : 475998.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.311+/-0.483 χ^2/NDF : 602650.5/9

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -0.014+/-927.587 χ^2 /NDF: 6.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -561.279+/-864.289 χ^2 /NDF: 8.3/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

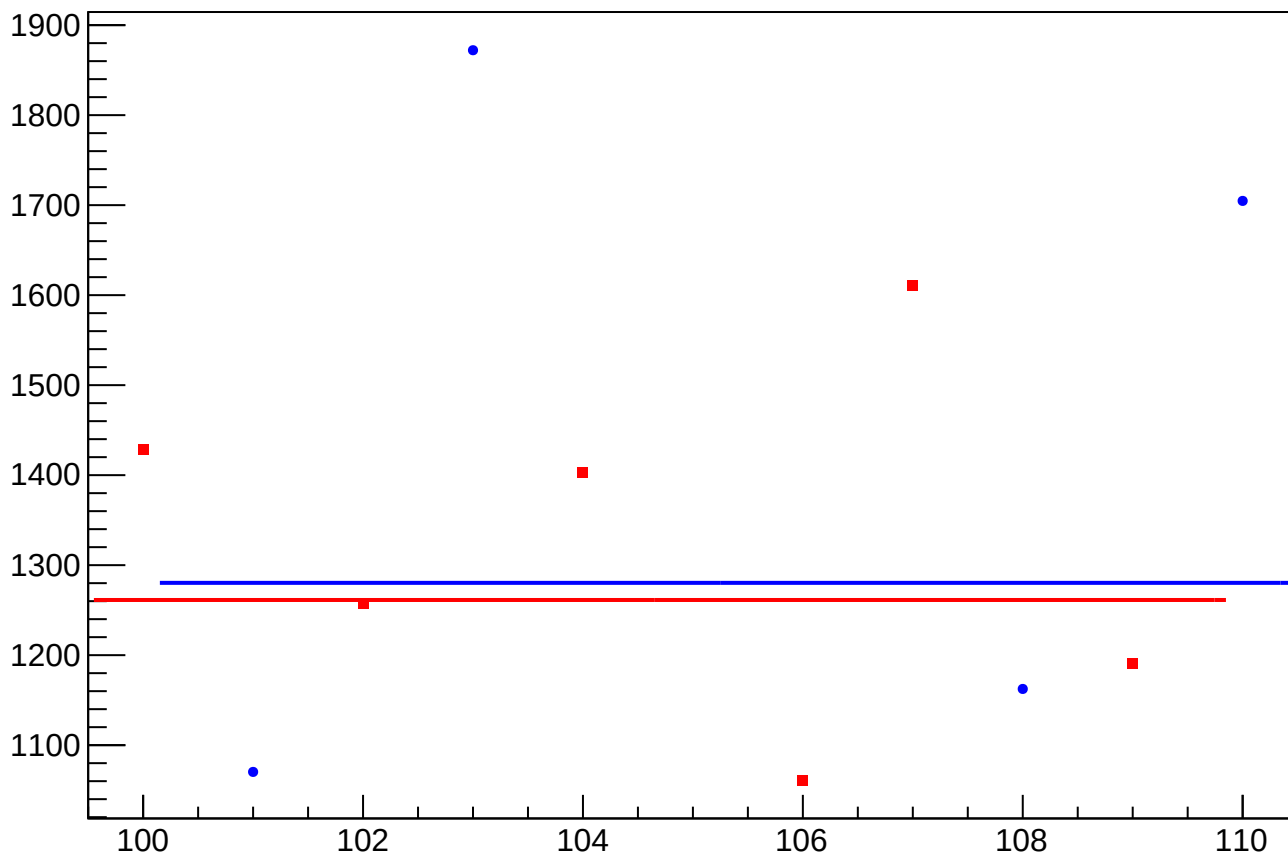
Right: -300.449+/-632.339 χ^2 /NDF: 15.0/9

In: -0.014+/-927.587 χ^2 /NDF:6.5/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -300.449+/-632.339 χ^2 /NDF: 15.0/9

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1280.345+/-0.656 χ^2/NDF : 223359.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1261.304+/-0.611 χ^2/NDF : 55983.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

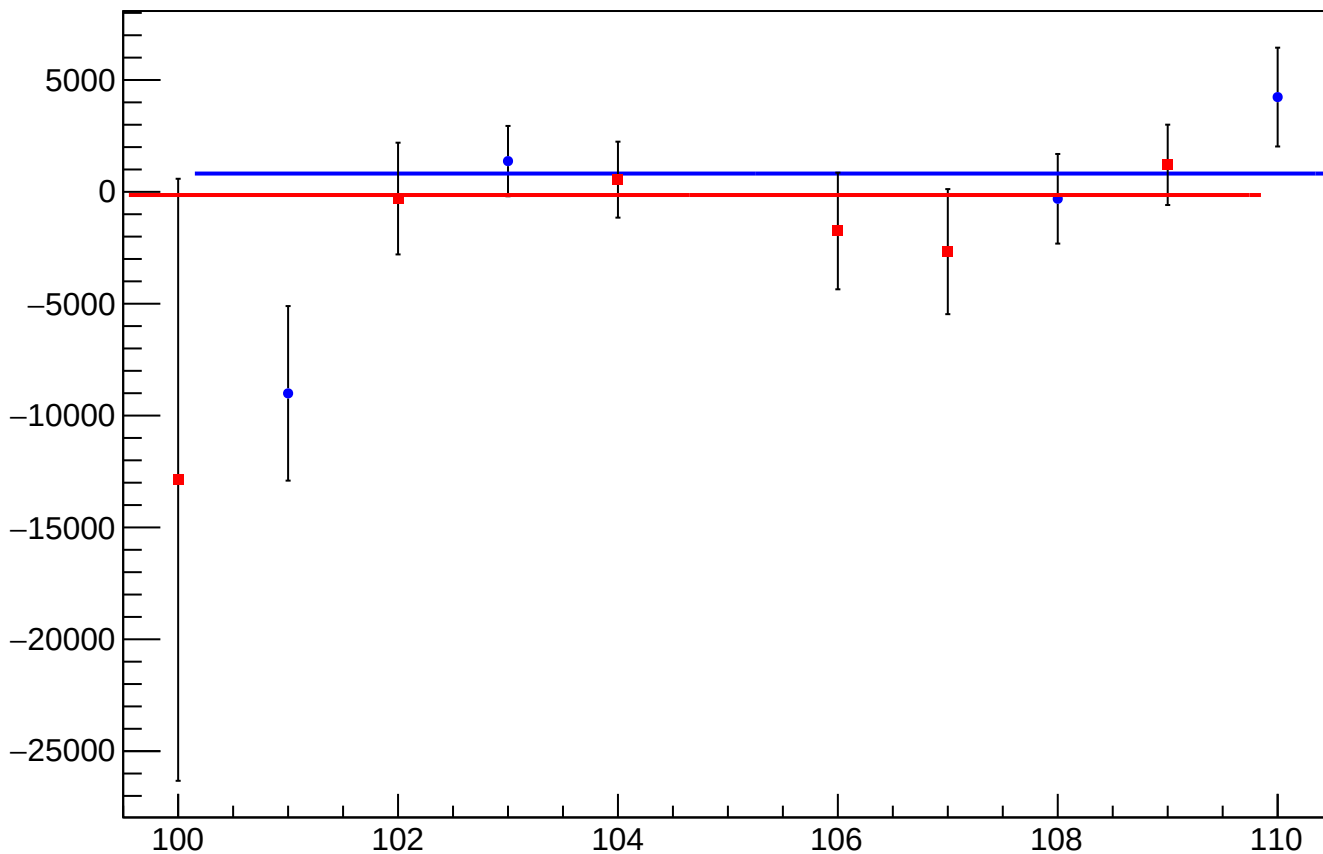
Right: 1270.153+/-0.447 χ^2/NDF : 279794.1/9

In: 1280.345+/-0.656 χ^2/NDF : 223359.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1270.153+/-0.447 χ^2/NDF : 279794.1/9

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 818.067 $\pm$ 1039.738 χ^2 /NDF: 9.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -141.036 $\pm$ 954.312 χ^2 /NDF: 2.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

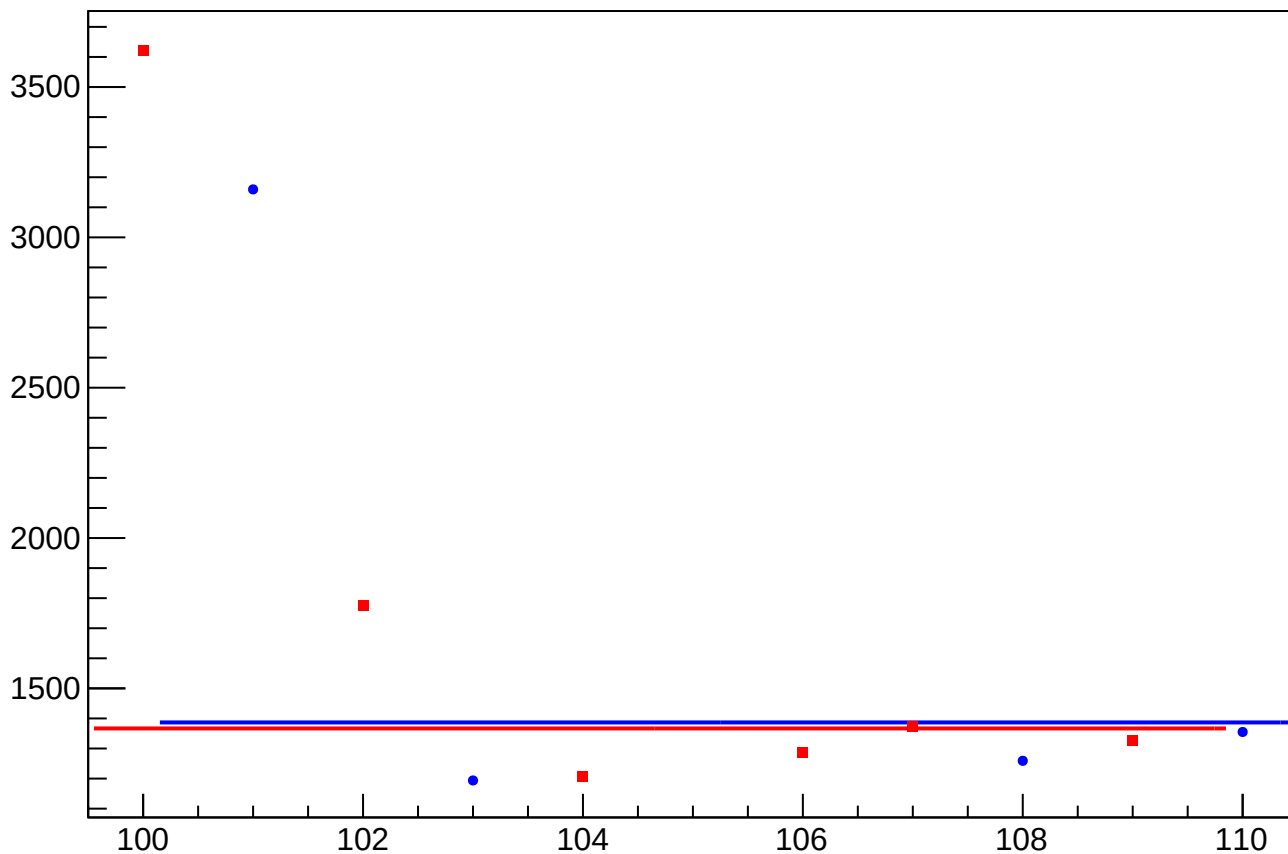
Right: 297.502 $\pm$ 703.064 χ^2 /NDF: 12.5/9

In: 818.067 $\pm$ 1039.738 χ^2 /NDF:9.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 297.502 $\pm$ 703.064 χ^2 /NDF: 12.5/9

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1386.703+/-0.735 χ^2/NDF : 451665.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.726+/-0.675 χ^2/NDF : 130294.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

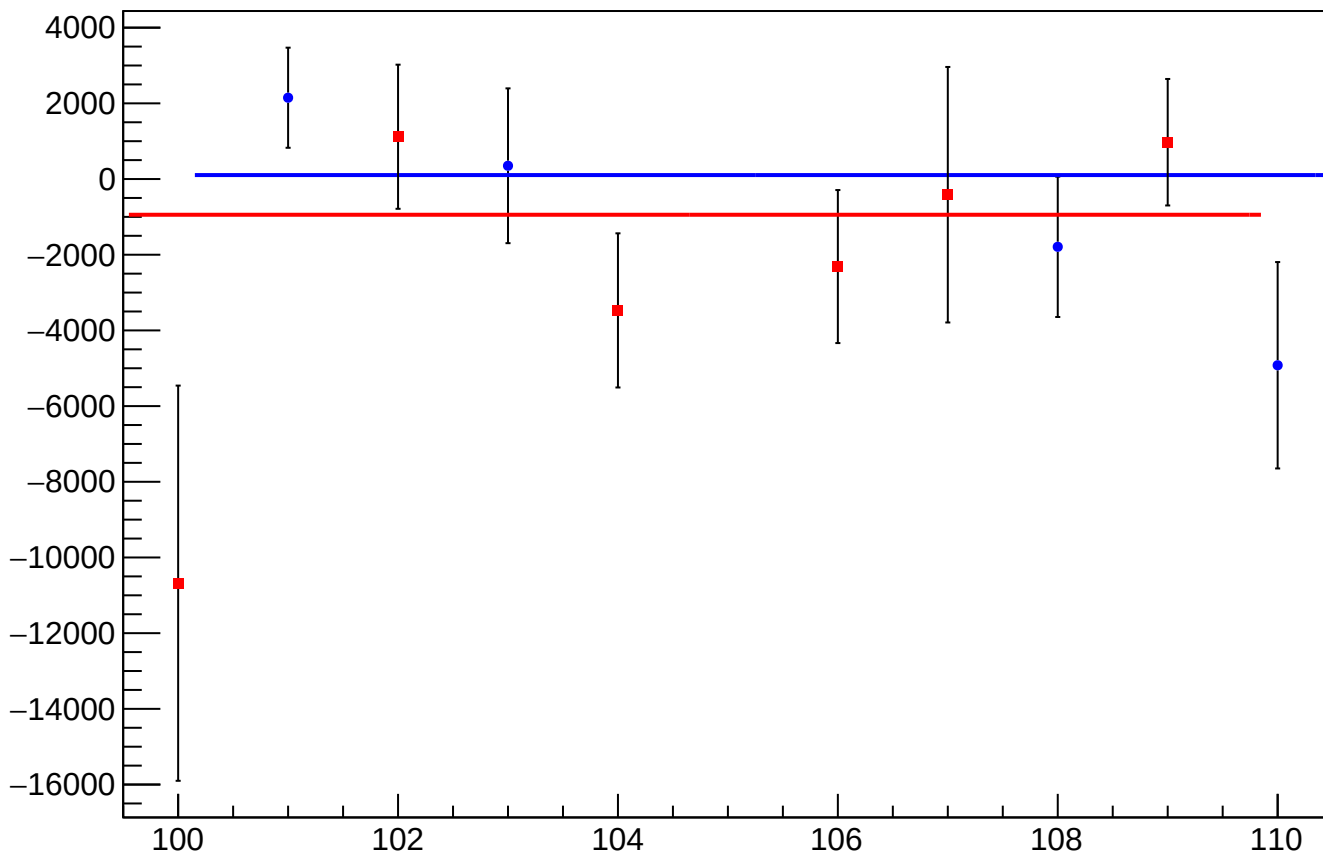
Right: 1375.860+/-0.497 χ^2/NDF : 582360.7/9

In: 1386.703+/-0.735 χ^2/NDF : 451665.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.860+/-0.497 χ^2/NDF : 582360.7/9

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 104.882 $\pm$ 899.500 χ^2 /NDF: 6.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -943.840 $\pm$ 896.610 χ^2 /NDF: 8.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

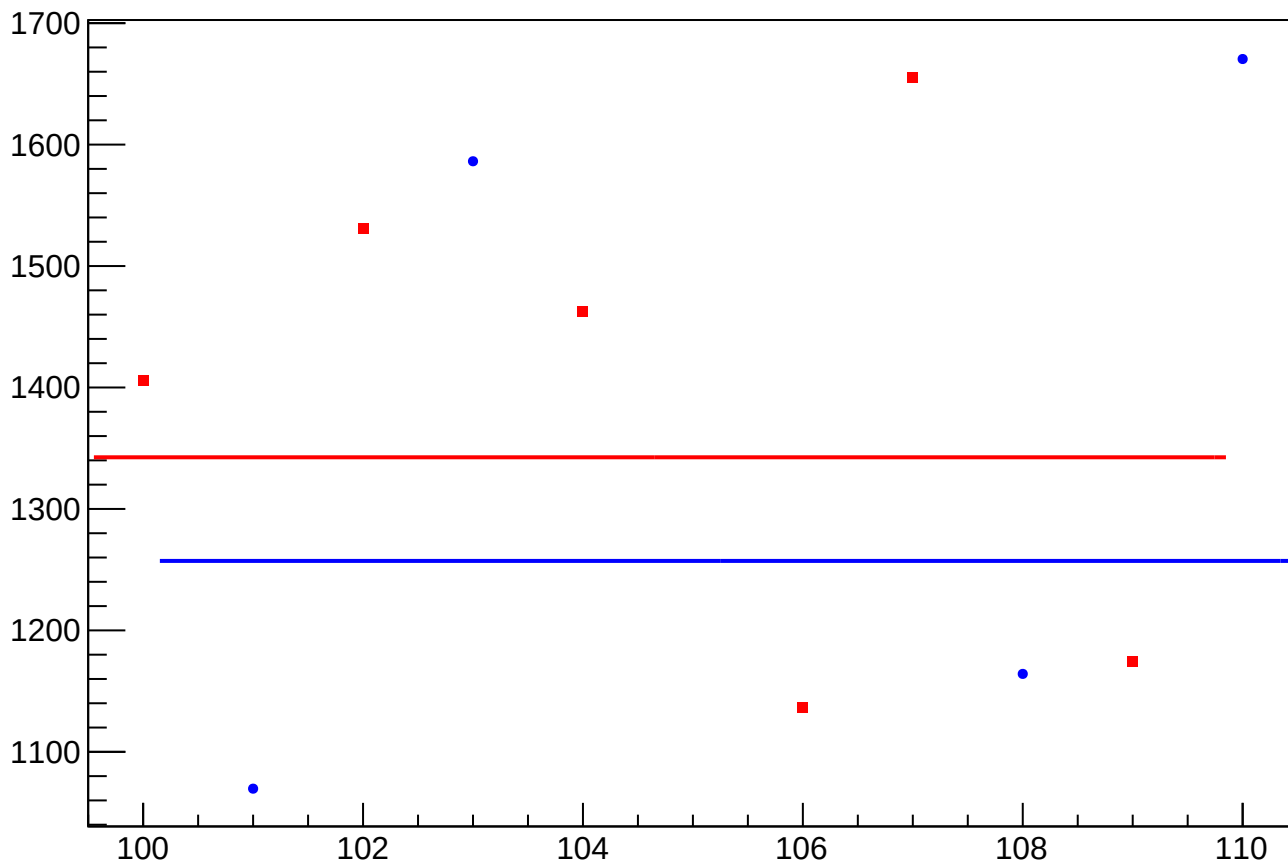
Right: -421.166 $\pm$ 635.018 χ^2 /NDF: 15.5/9

In: 104.882 $\pm$ 899.500 χ^2 /NDF:6.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -421.166 $\pm$ 635.018 χ^2 /NDF: 15.5/9

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1257.203+/-0.636 χ^2/NDF : 142946.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1342.528+/-0.634 χ^2/NDF : 85089.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

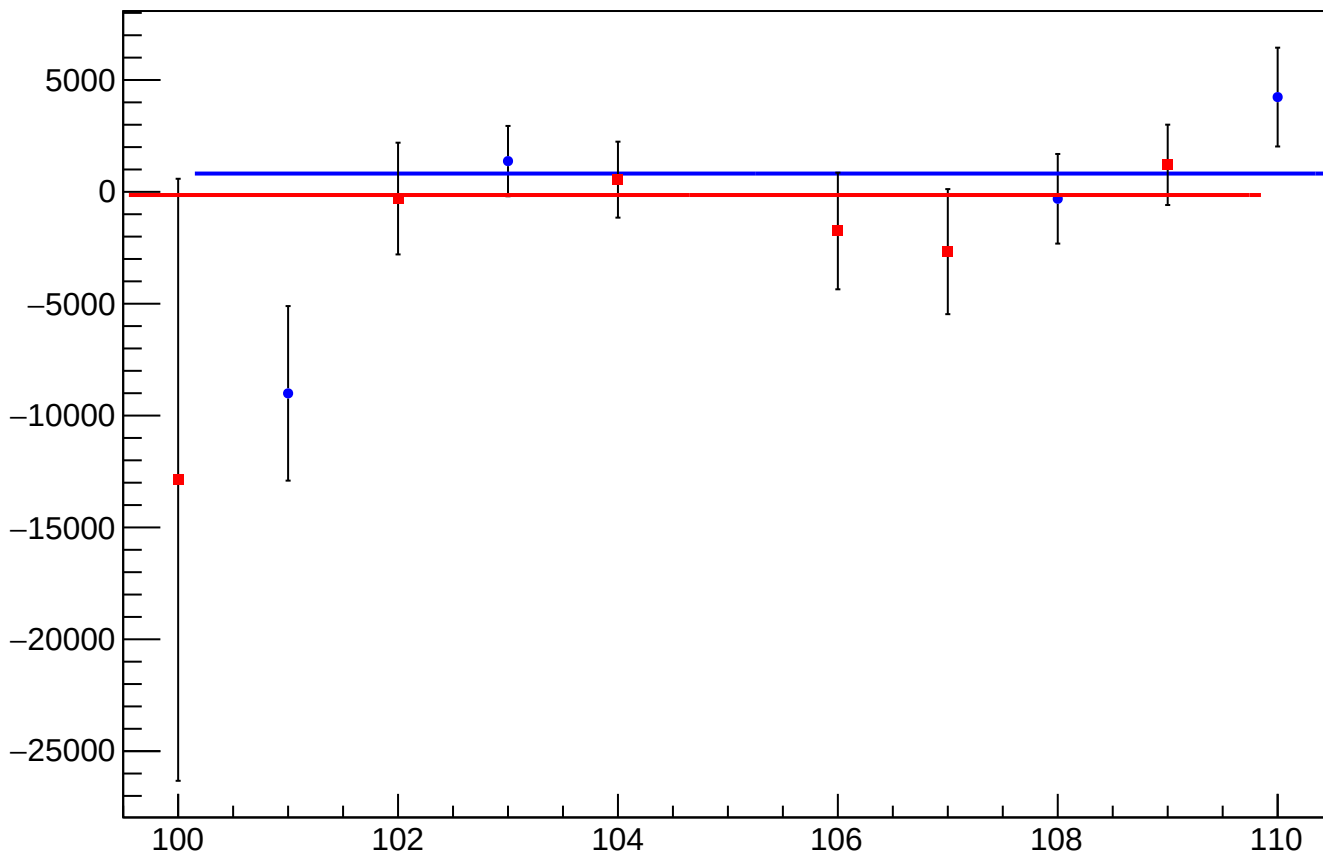
Right: 1300.003+/-0.449 χ^2/NDF : 237062.3/9

In: 1257.203+/-0.636 χ^2/NDF : 142946.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.003+/-0.449 χ^2/NDF : 237062.3/9

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 818.062 $\pm$ 1039.737 χ^2 /NDF: 9.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -141.039 $\pm$ 954.312 χ^2 /NDF: 2.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

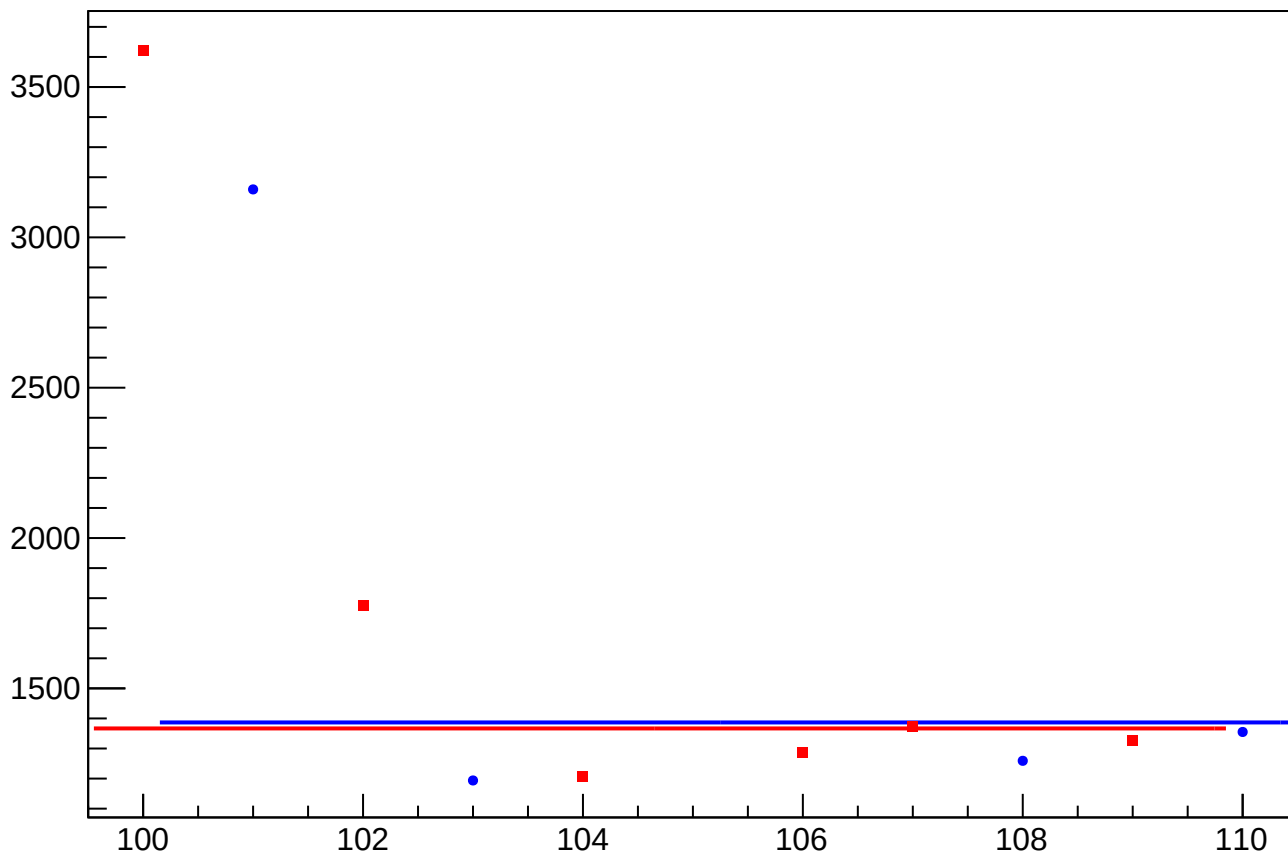
Right: 297.499 $\pm$ 703.064 χ^2 /NDF: 12.5/9

In: 818.062 $\pm$ 1039.737 χ^2 /NDF:9.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 297.499 $\pm$ 703.064 χ^2 /NDF: 12.5/9

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1386.702+/-0.735 χ^2/NDF : 451665.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.726+/-0.675 χ^2/NDF : 130294.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

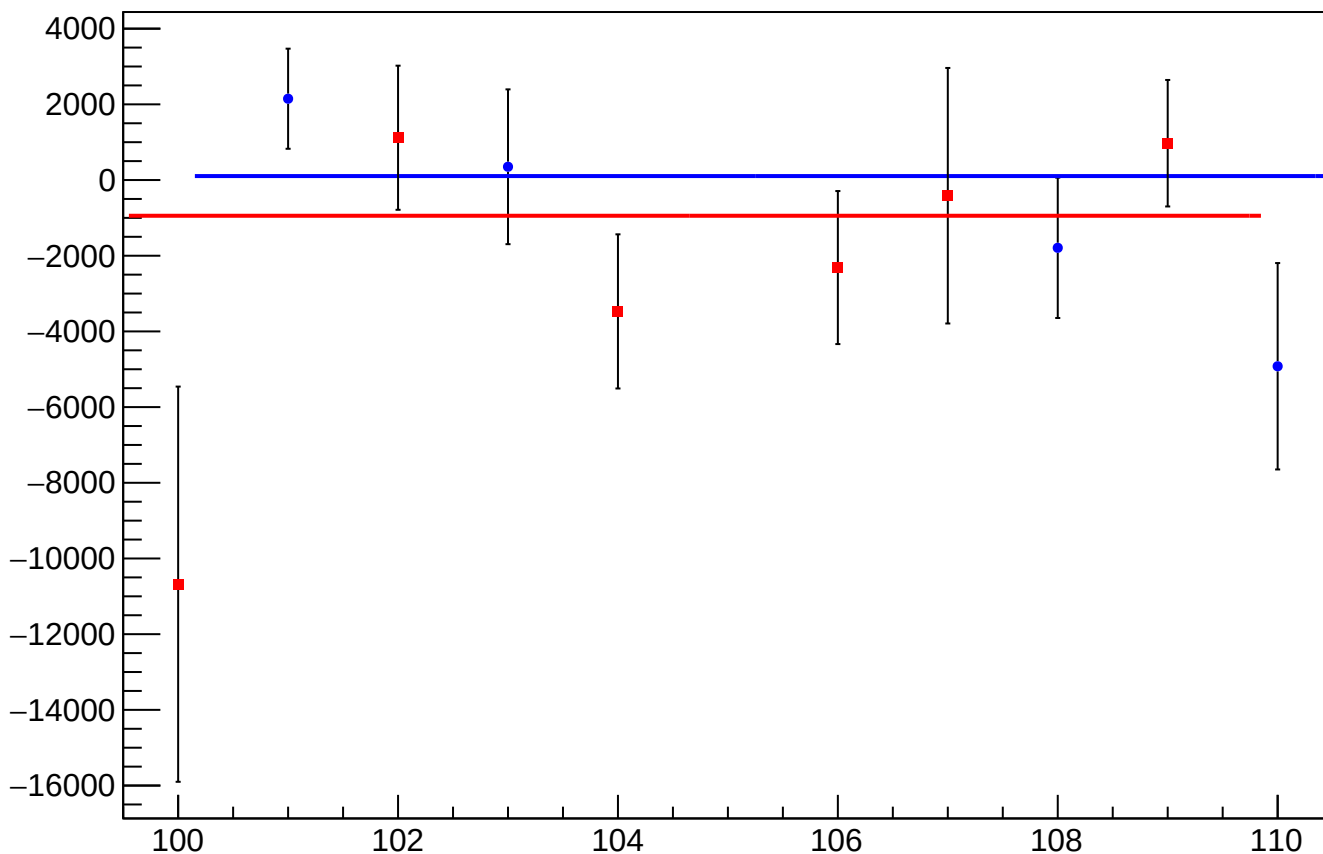
Right: 1375.860+/-0.497 χ^2/NDF : 582361.0/9

In: 1386.702+/-0.735 χ^2/NDF : 451665.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.860+/-0.497 χ^2/NDF : 582361.0/9

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 104.882+/-899.496 χ^2/NDF : 6.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -943.844+/-896.610 χ^2/NDF : 8.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

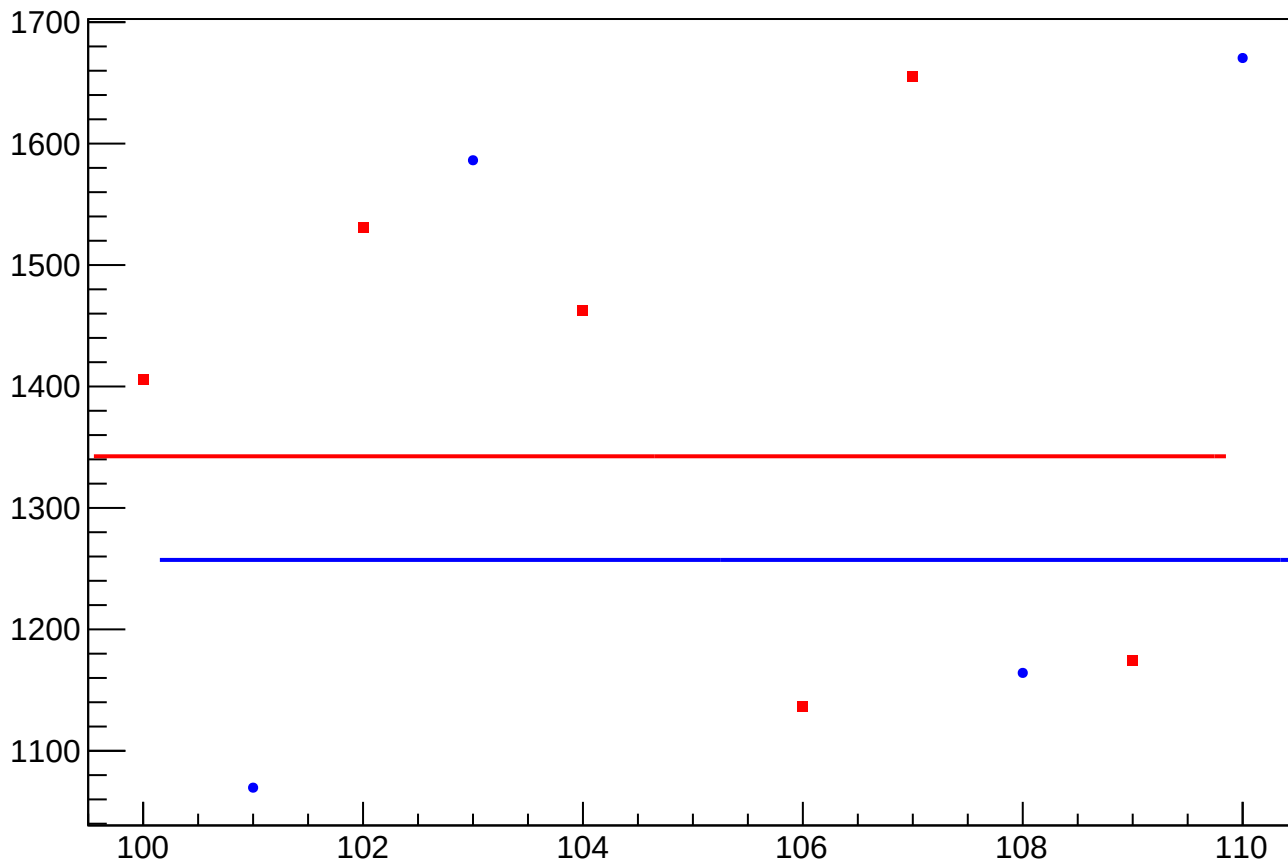
Right: -421.166+/-635.017 χ^2/NDF : 15.5/9

In: 104.882+/-899.496 χ^2/NDF : 6.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -421.166+/-635.017 χ^2/NDF : 15.5/9

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1257.196+/-0.636 χ^2/NDF : 142952.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1342.527+/-0.634 χ^2/NDF : 85090.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

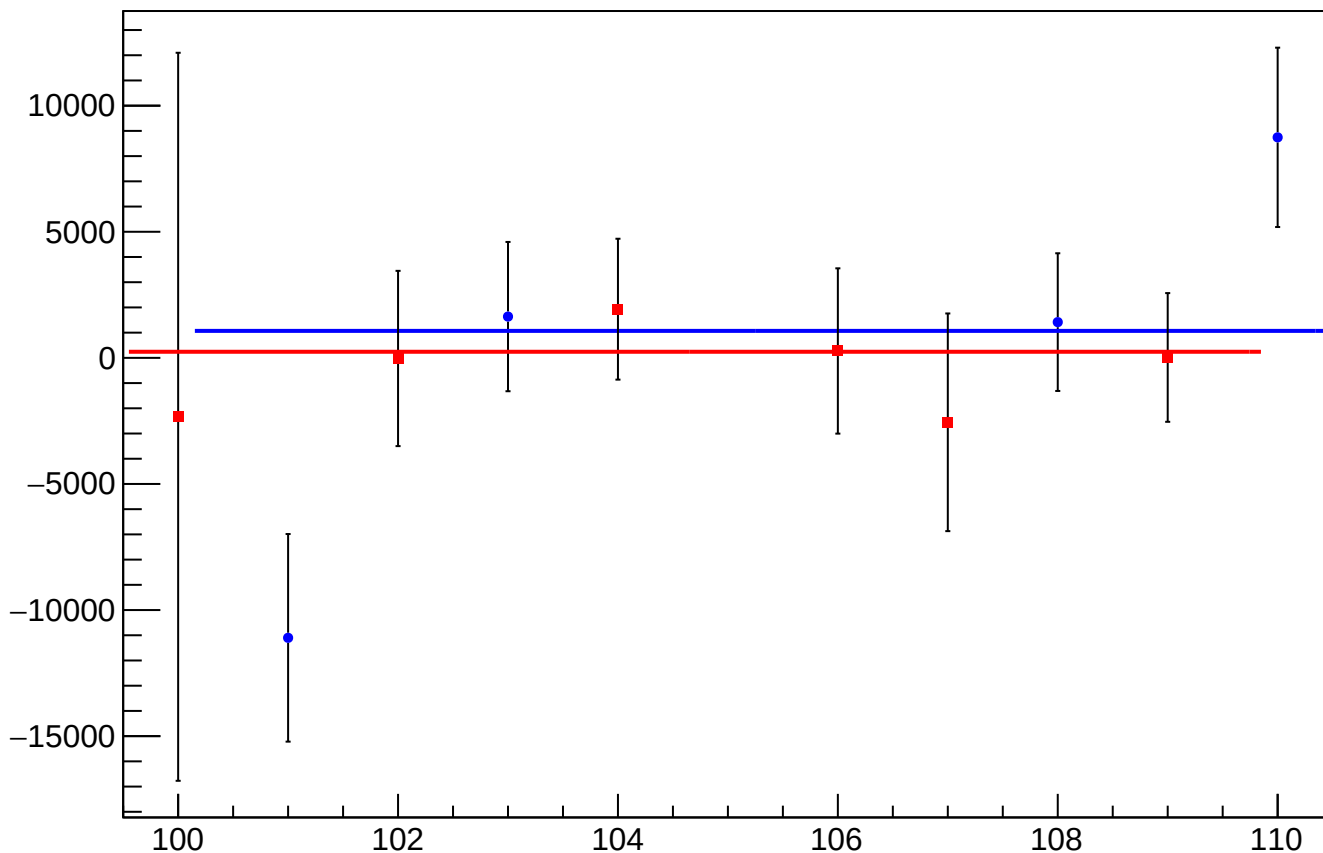
Right: 1299.999+/-0.449 χ^2/NDF : 237071.7/9

In: 1257.196+/-0.636 χ^2/NDF : 142952.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.999+/-0.449 χ^2/NDF : 237071.7/9

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 1069.867+/-1608.671 χ^2/NDF : 13.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 242.068+/-1391.928 χ^2/NDF : 0.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

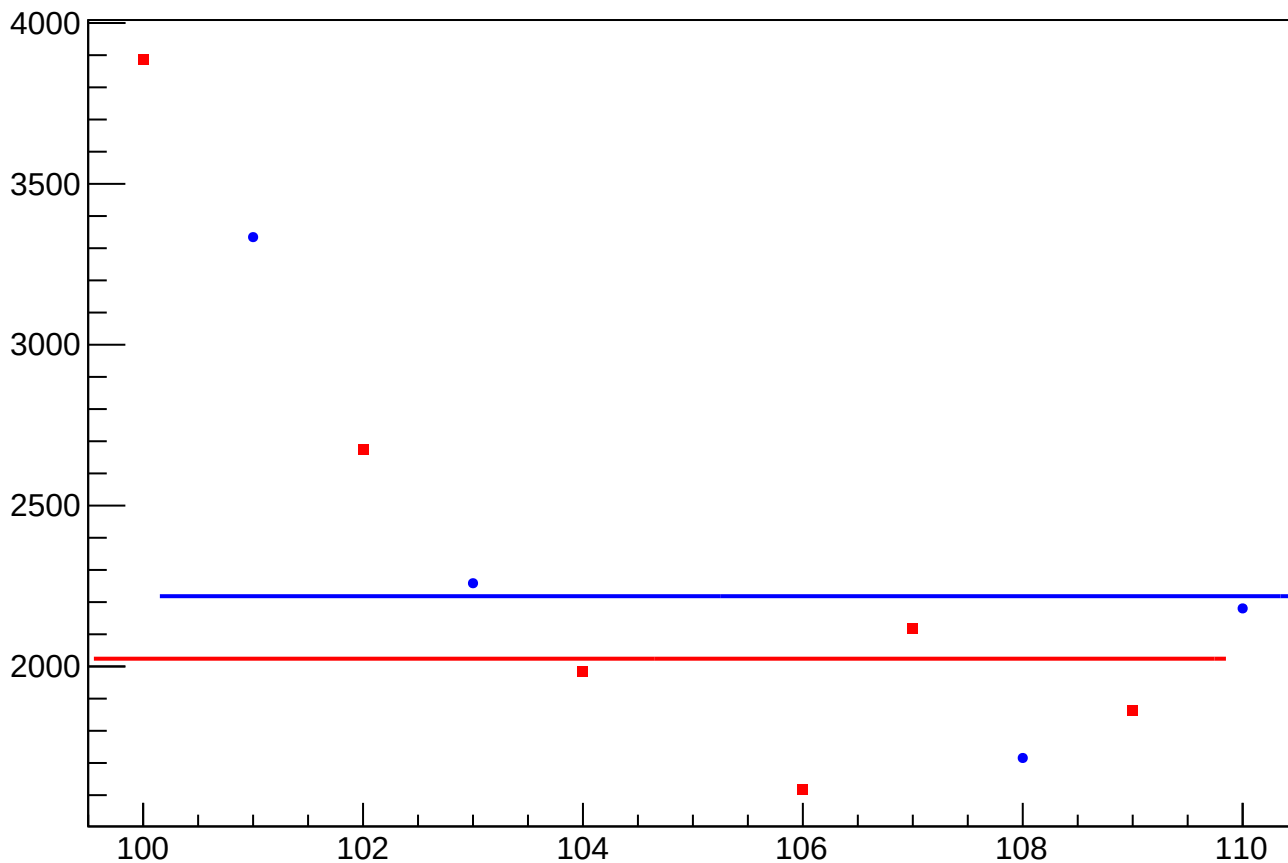
Right: 596.484+/-1052.594 χ^2/NDF : 14.4/9

In: 1069.867+/-1608.671 χ^2/NDF : 13.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 596.484+/-1052.594 χ^2/NDF : 14.4/9

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 2218.400+/-1.137 χ^2/NDF : 215471.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2024.129+/-0.984 χ^2/NDF : 143287.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

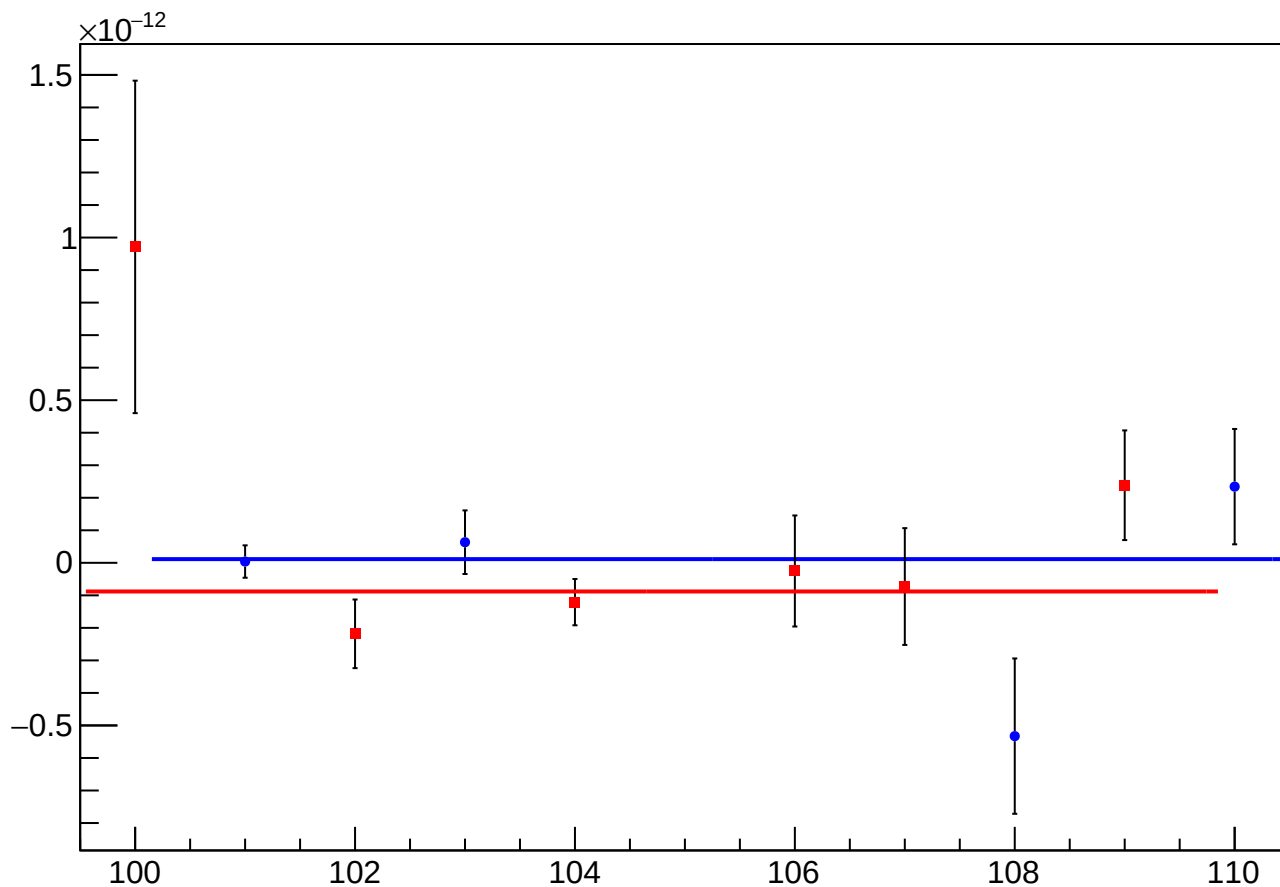
Right: 2107.301+/-0.744 χ^2/NDF : 375439.4/9

In: 2218.400+/-1.137 χ^2/NDF : 215471.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2107.301+/-0.744 χ^2/NDF : 375439.4/9

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

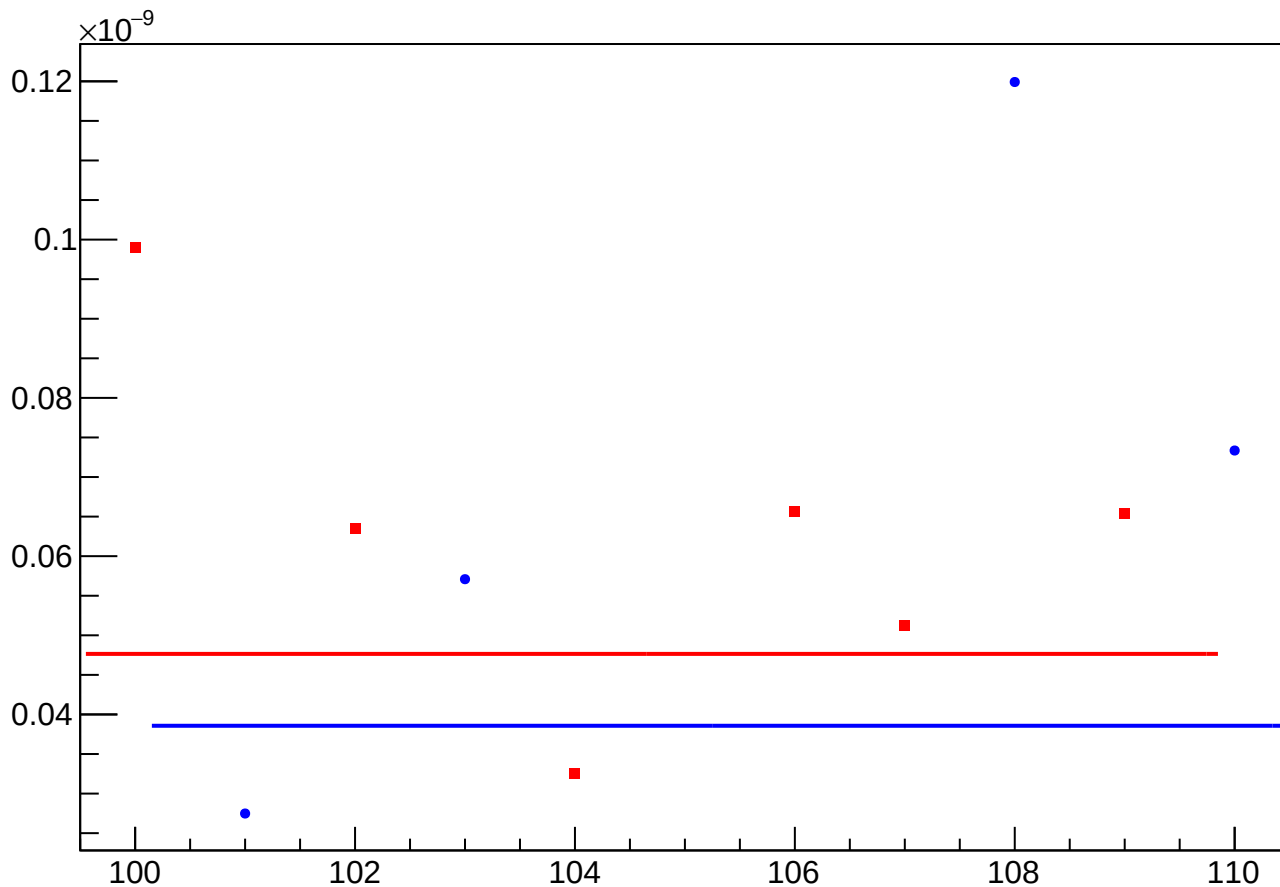
Right: -0.000+/-0.000 χ^2/NDF : 19.3/9

In: 0.000+/-0.000 χ^2/NDF : 7.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.3/9

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 479907.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 200141.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

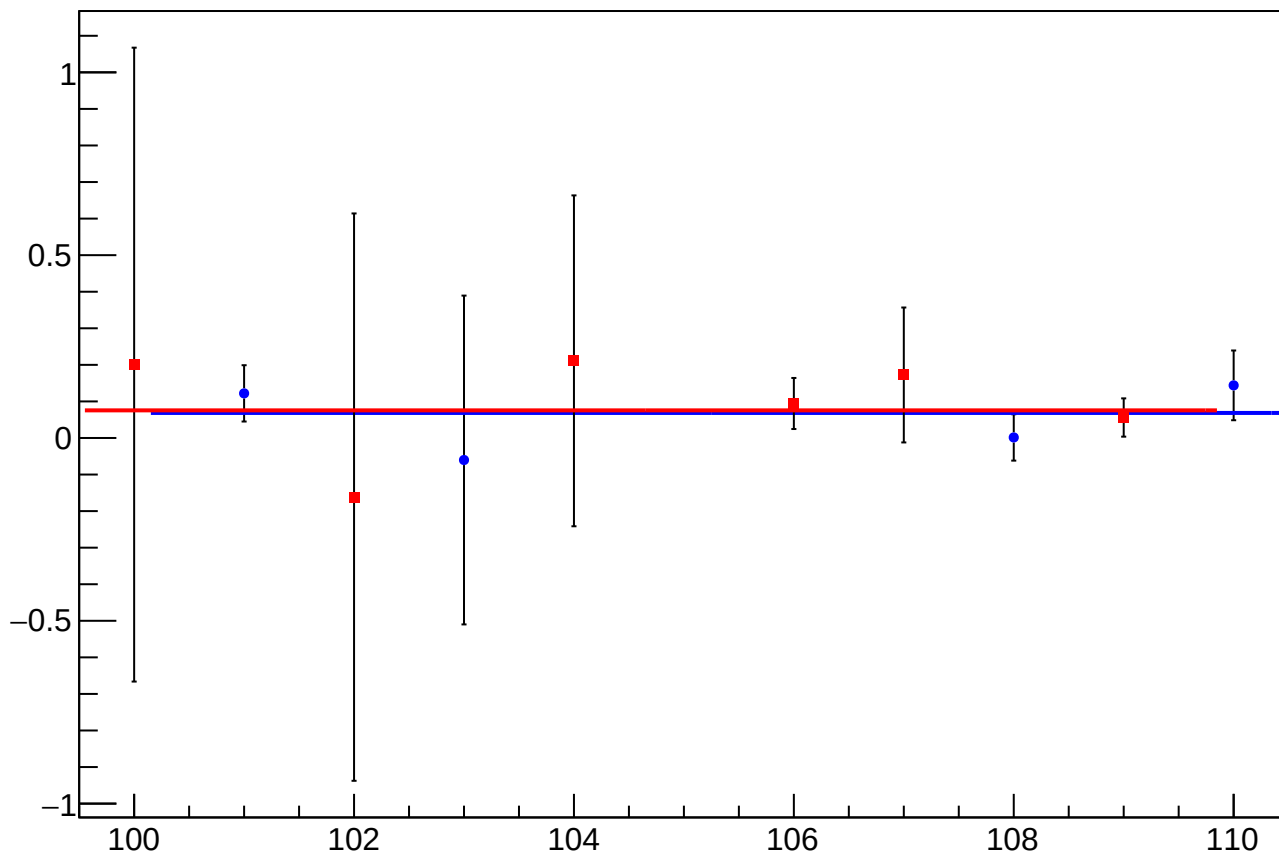
Right: 0.000+/-0.000 χ^2/NDF : 717971.0/9

In: 0.000+/-0.000 χ^2/NDF : 479907.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 717971.0/9

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.043 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.076+/-0.041 χ^2/NDF : 0.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

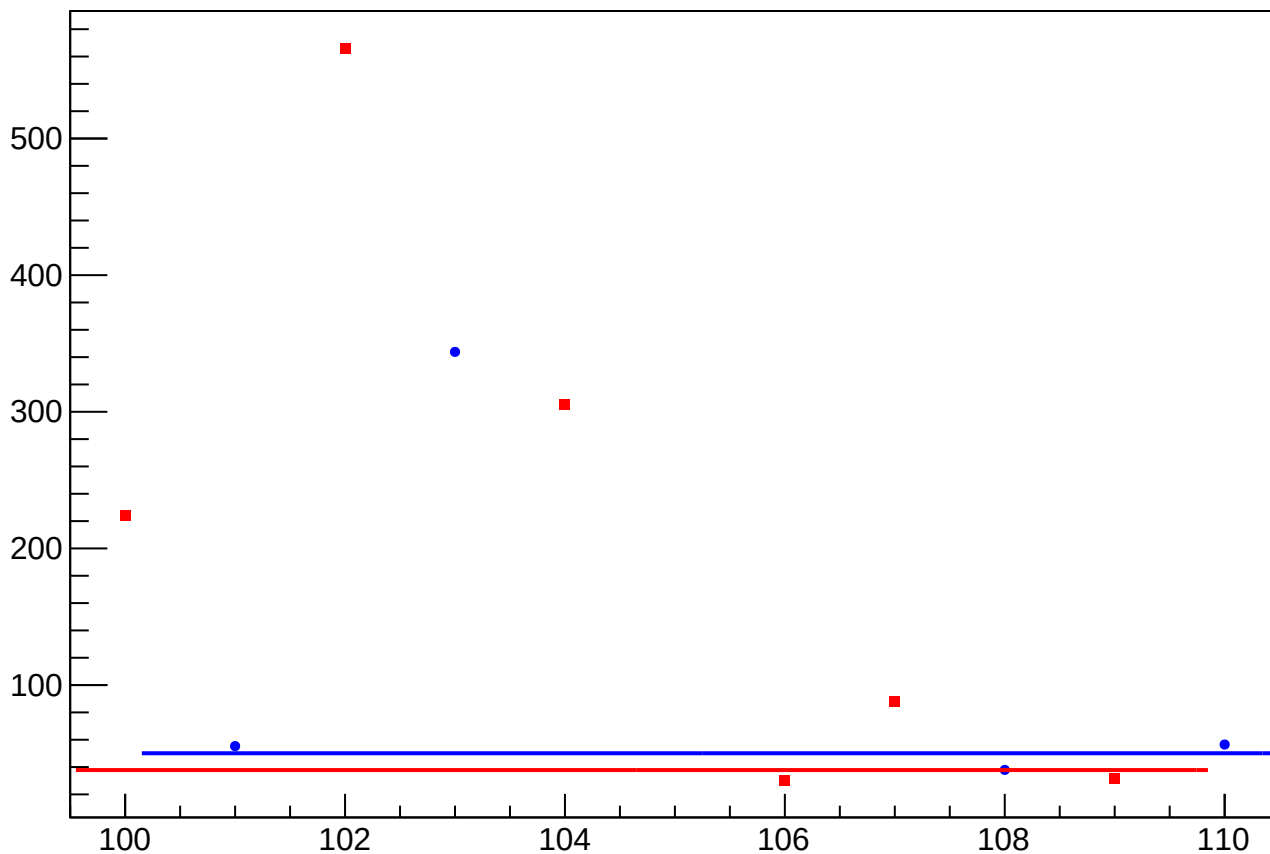
Right: 0.072+/-0.030 χ^2/NDF : 3.0/9

In: 0.068+/-0.043 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.030 χ^2/NDF : 3.0/9

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.108+/-0.031 χ^2/NDF : 945585.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.802+/-0.029 χ^2/NDF : 1922219.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

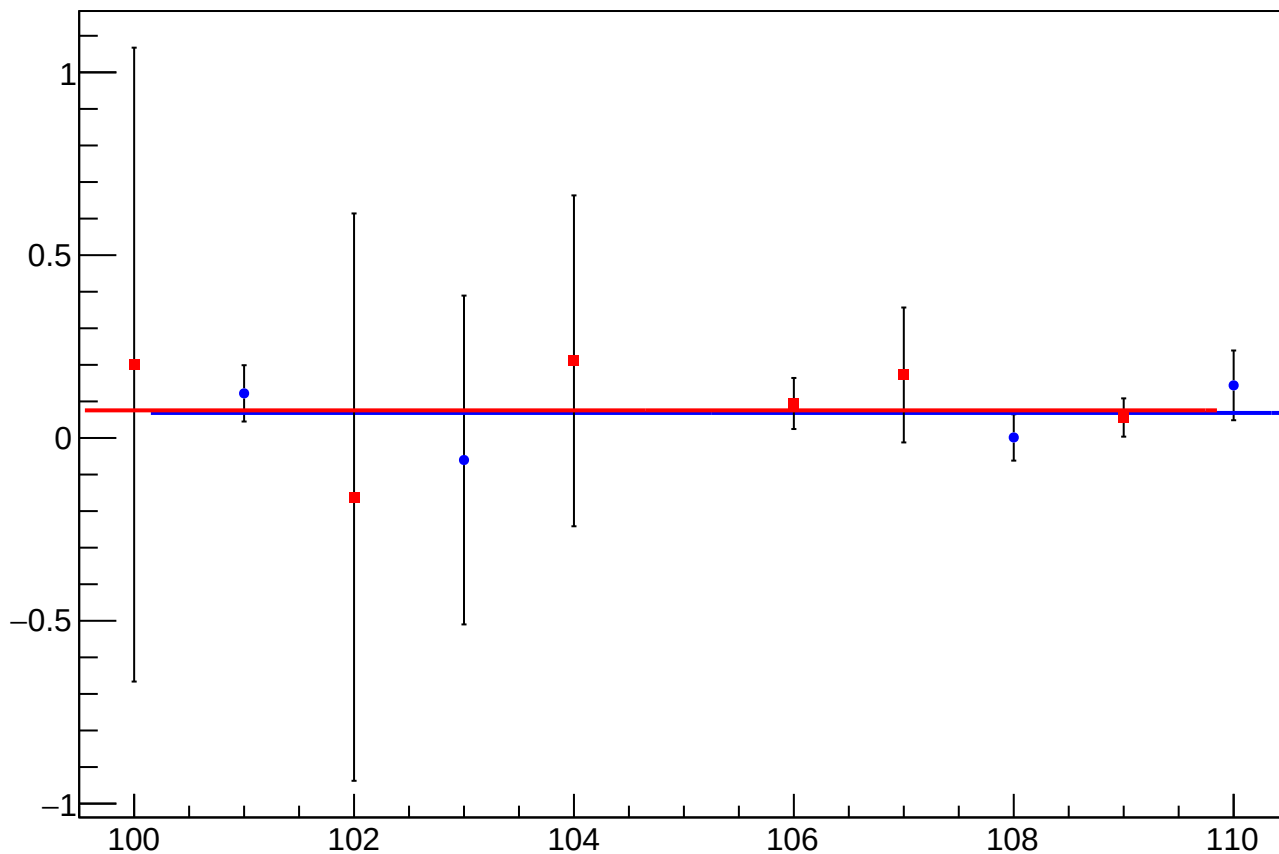
Right: 43.552+/-0.021 χ^2/NDF : 2953731.6/9

In: 50.108+/-0.031 χ^2/NDF : 945585.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.552+/-0.021 χ^2/NDF : 2953731.6/9

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.043 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.076+/-0.041 χ^2/NDF : 0.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

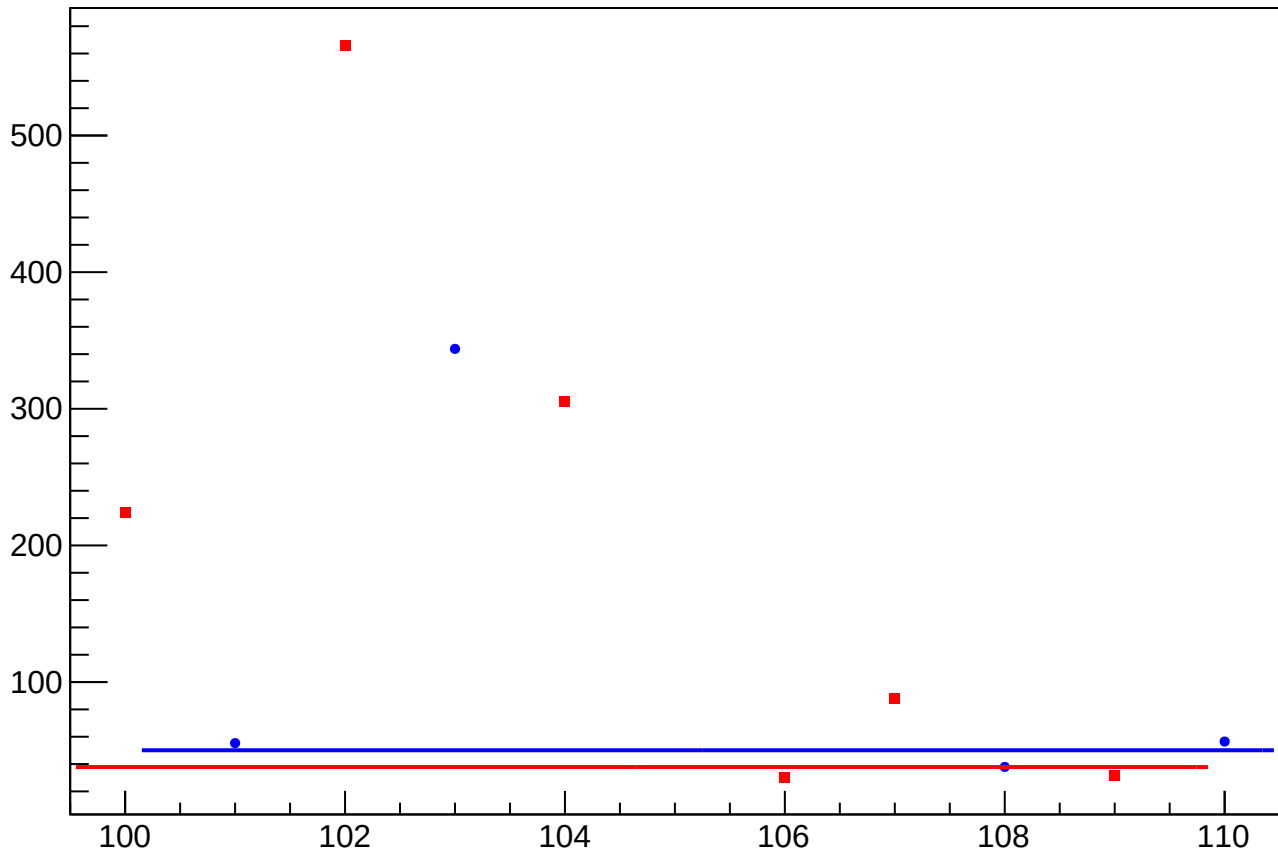
Right: 0.072+/-0.030 χ^2/NDF : 3.0/9

In: 0.068+/-0.043 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.030 χ^2/NDF : 3.0/9

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.108+/-0.031 χ^2/NDF : 945585.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.802+/-0.029 χ^2/NDF : 1922219.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

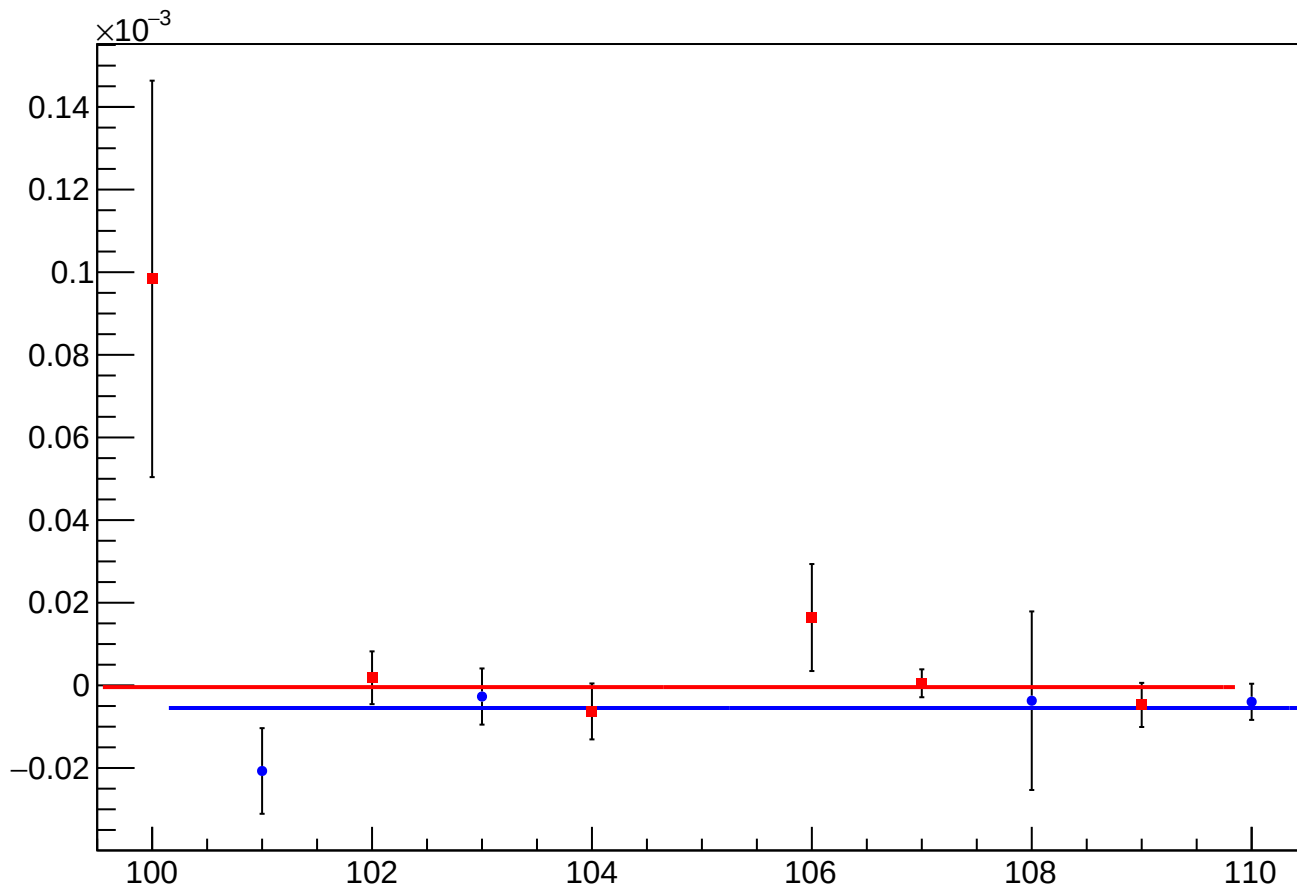
Right: 43.552+/-0.021 χ^2/NDF : 2953731.6/9

In: 50.108+/-0.031 χ^2/NDF : 945585.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.552+/-0.021 χ^2/NDF : 2953731.6/9

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

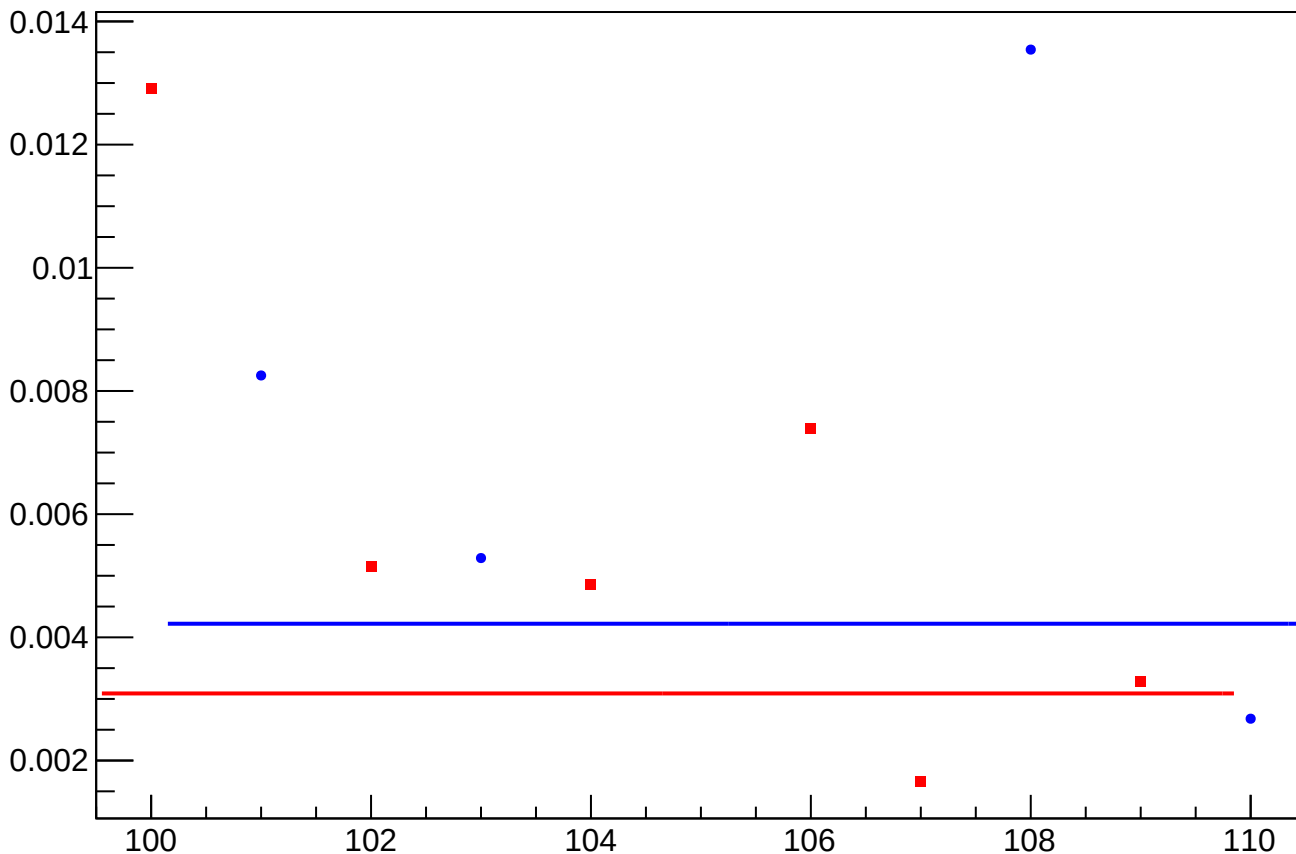
Right: -0.000+/-0.000 χ^2/NDF : 11.5/9

In: -0.000+/-0.000 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.5/9

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 972257.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1010000.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

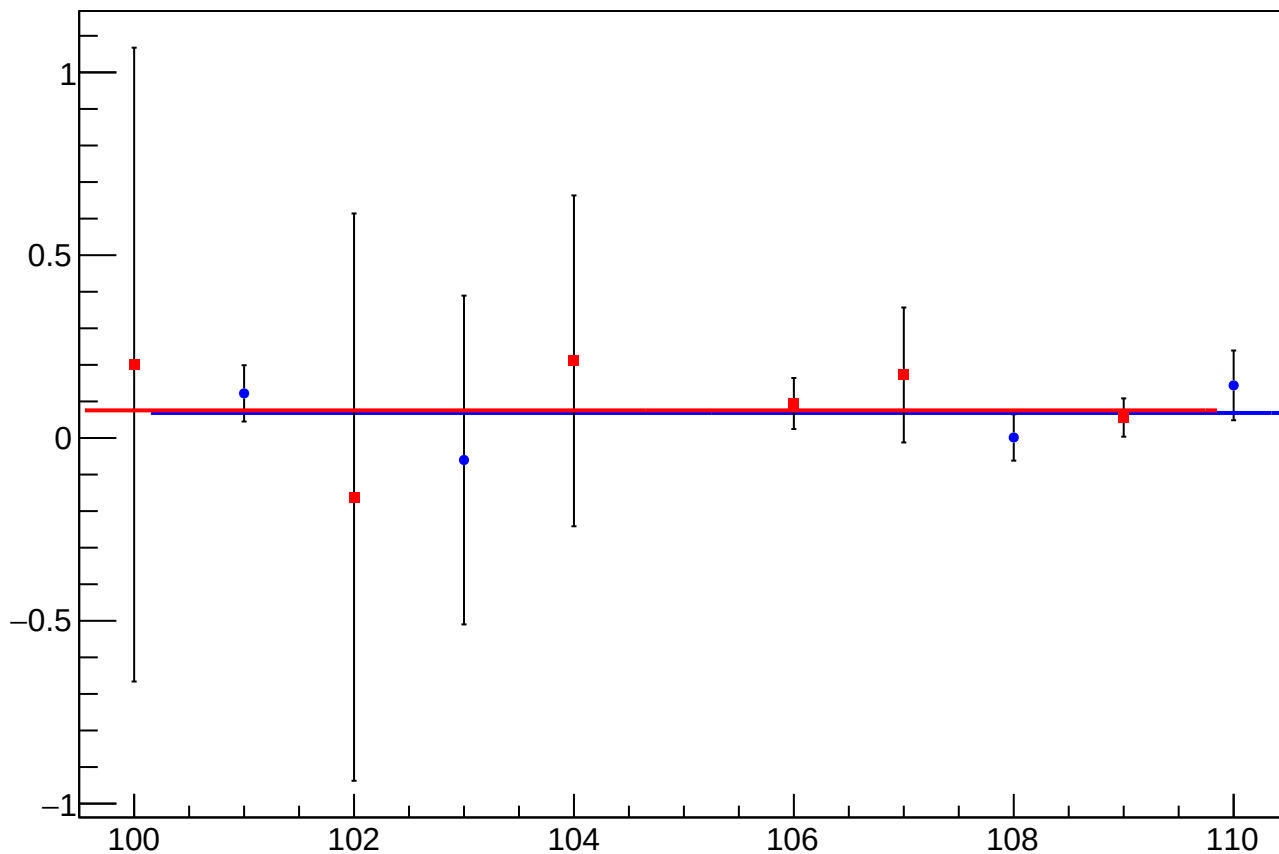
Right: 0.003+/-0.000 χ^2/NDF : 2129340.7/9

In: 0.004+/-0.000 χ^2/NDF : 972257.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2129340.7/9

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.043 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.076+/-0.041 χ^2/NDF : 0.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

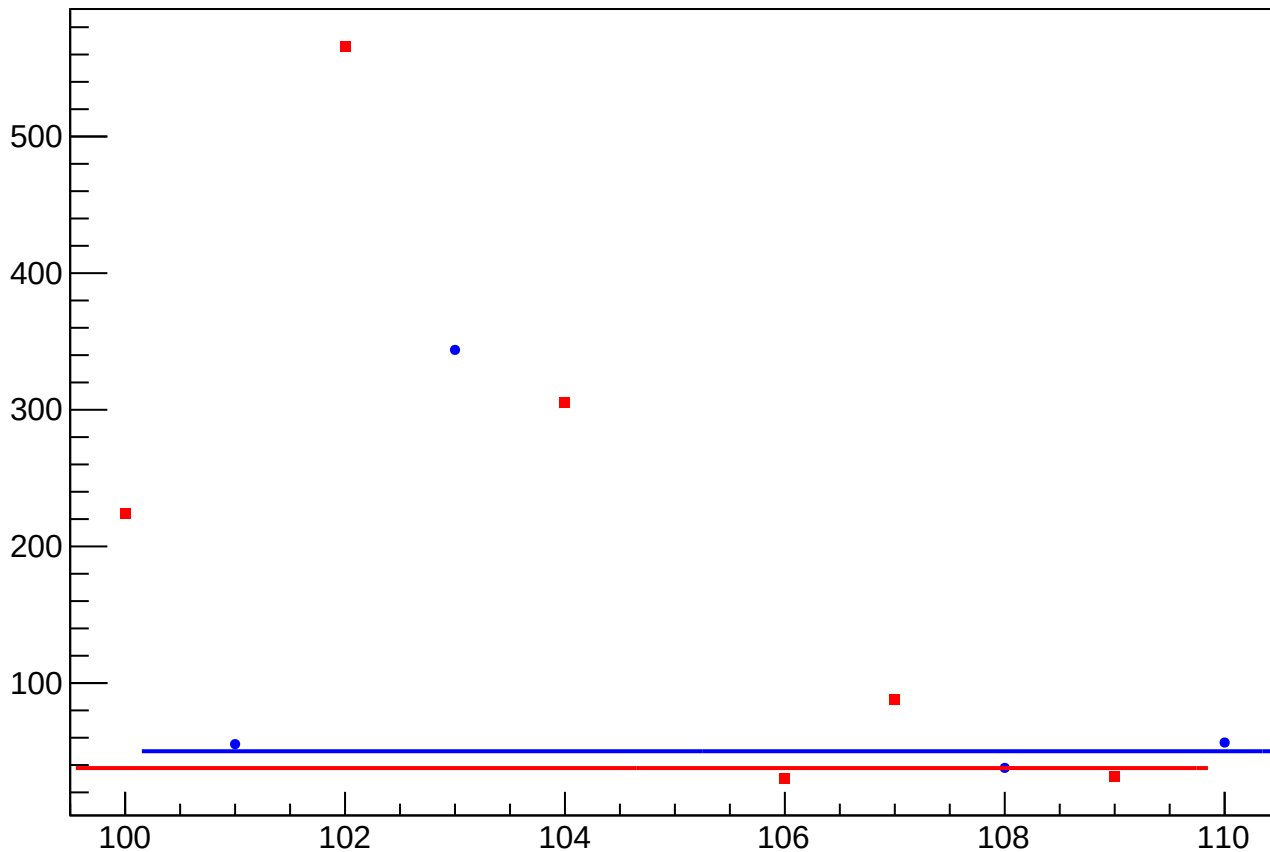
Right: 0.072+/-0.030 χ^2/NDF : 3.0/9

In: 0.068+/-0.043 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.030 χ^2/NDF : 3.0/9

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.114+/-0.031 χ^2/NDF : 945483.0/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 37.799+/-0.029 χ^2/NDF : 1922253.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

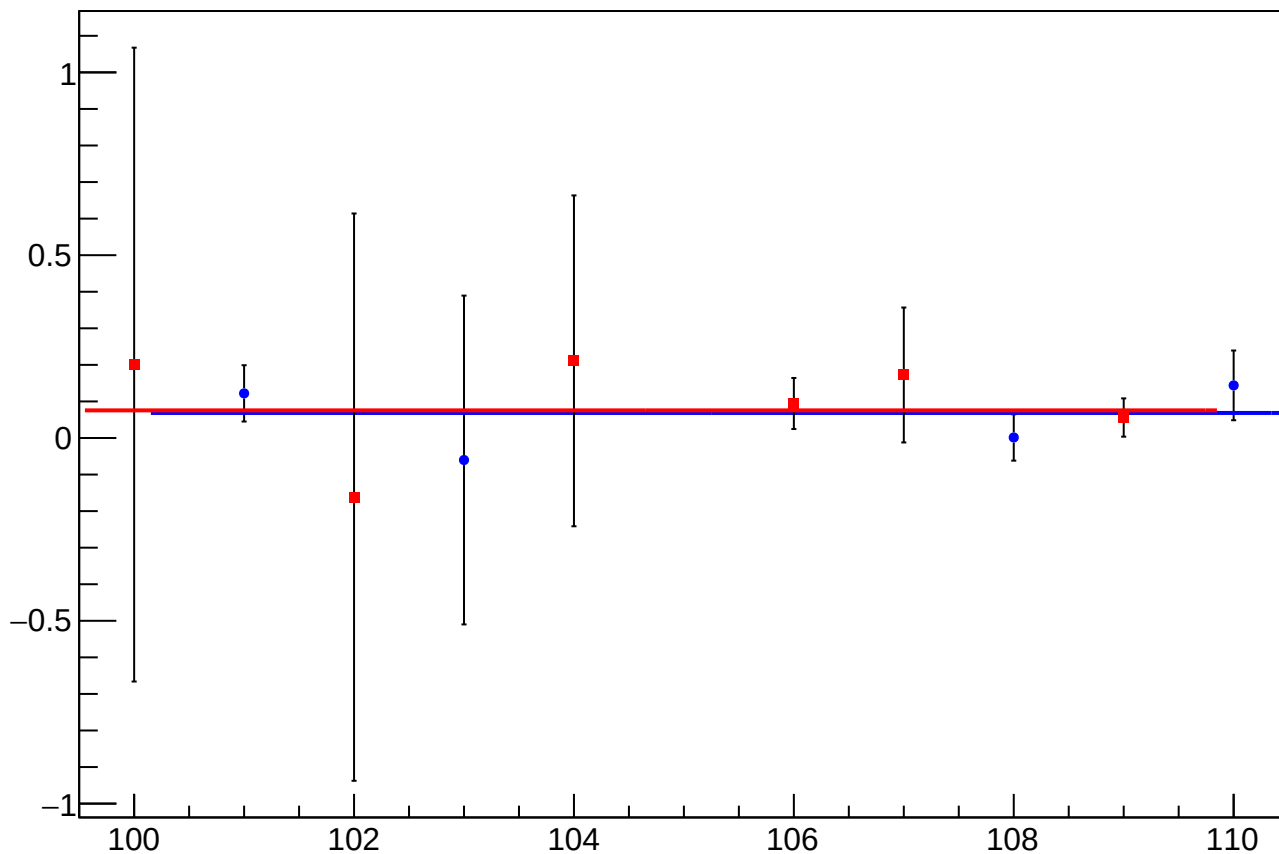
Right: 43.552+/-0.021 χ^2/NDF : 2953784.4/9

In: 50.114+/-0.031 χ^2/NDF :945483.0/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 43.552+/-0.021 χ^2/NDF : 2953784.4/9

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.043 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.076+/-0.041 χ^2/NDF : 0.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

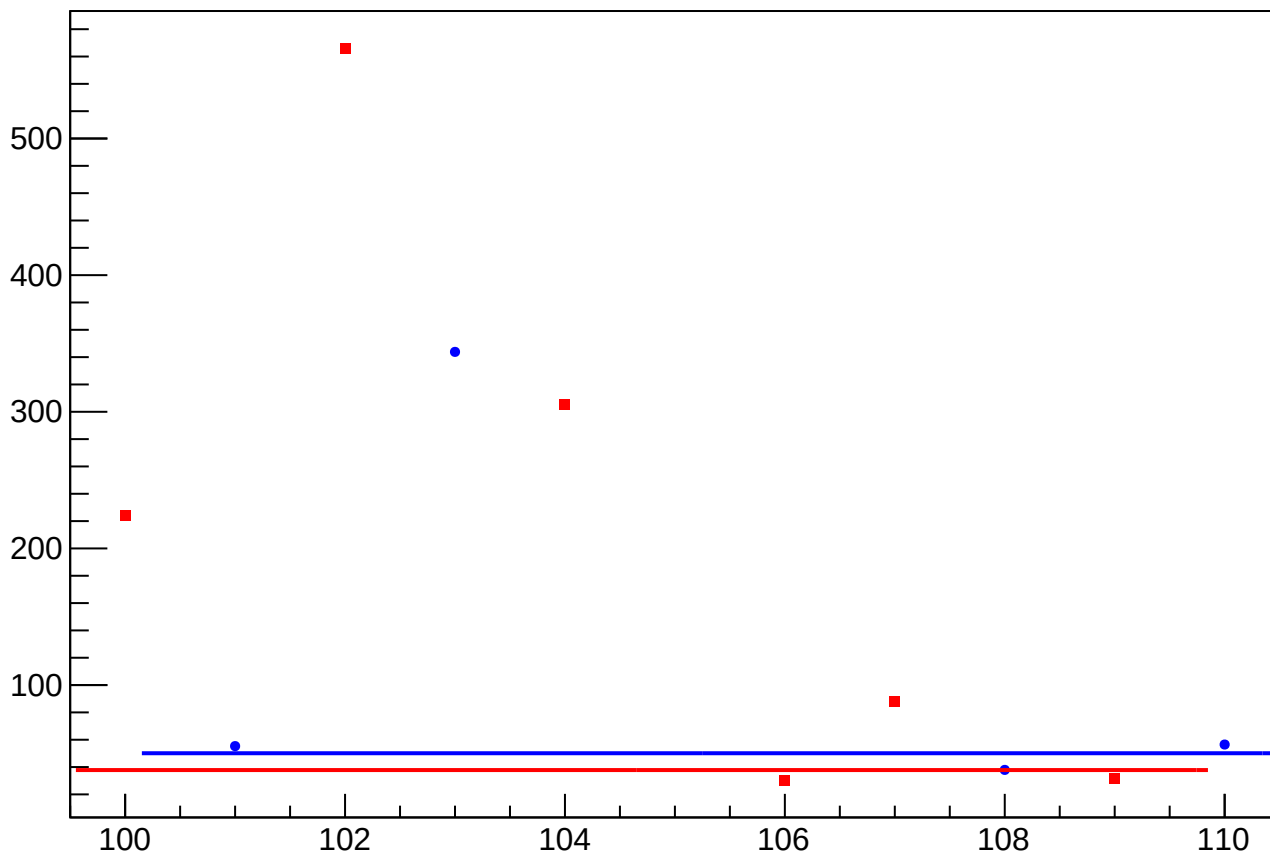
Right: 0.072+/-0.030 χ^2/NDF : 3.0/9

In: 0.068+/-0.043 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.030 χ^2/NDF : 3.0/9

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.114 $\pm$ 0.031 χ^2 /NDF: 945483.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.799 $\pm$ 0.029 χ^2 /NDF: 1922253.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

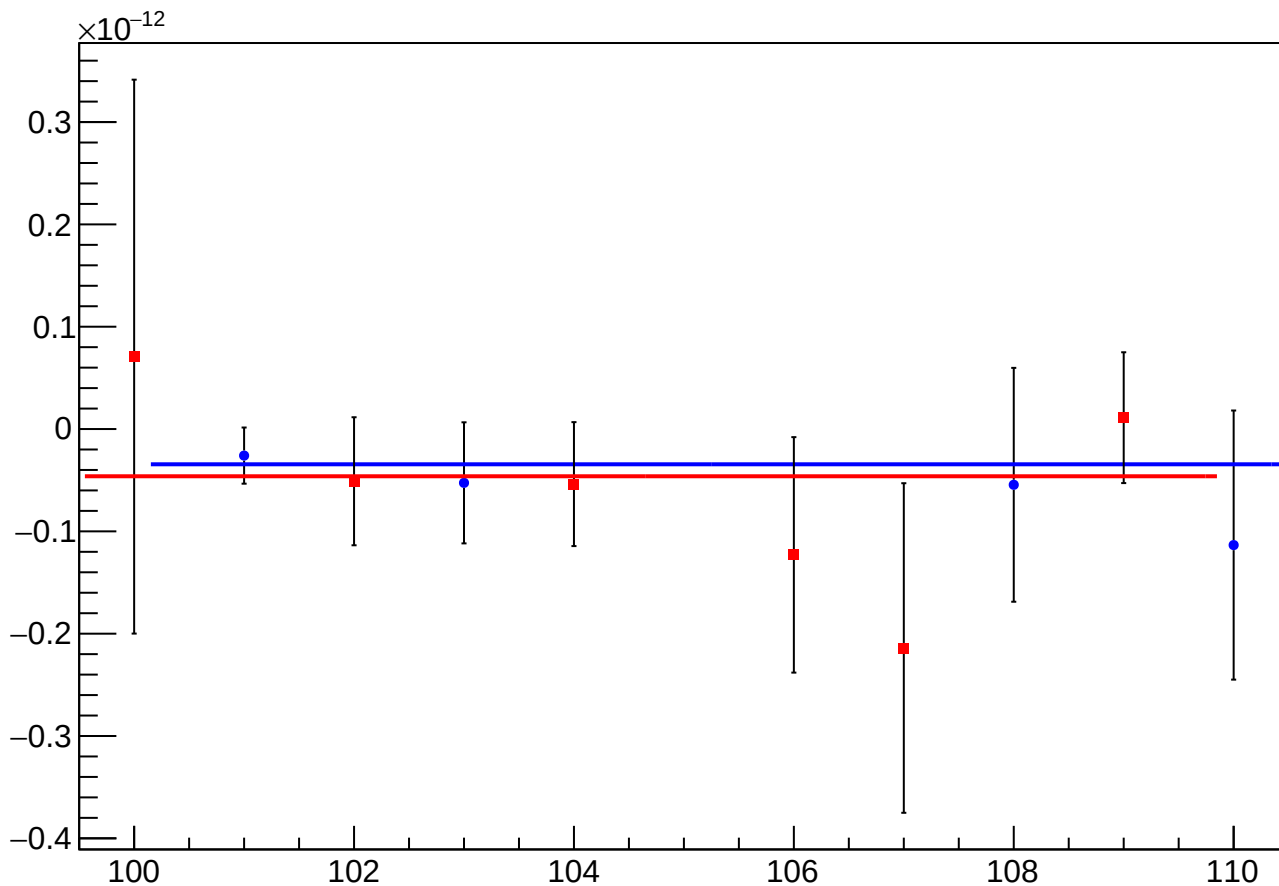
Right: 43.552 $\pm$ 0.021 χ^2 /NDF: 2953784.4/9

In: 50.114 $\pm$ 0.031 χ^2 /NDF:945483.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.552 $\pm$ 0.021 χ^2 /NDF: 2953784.4/9

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

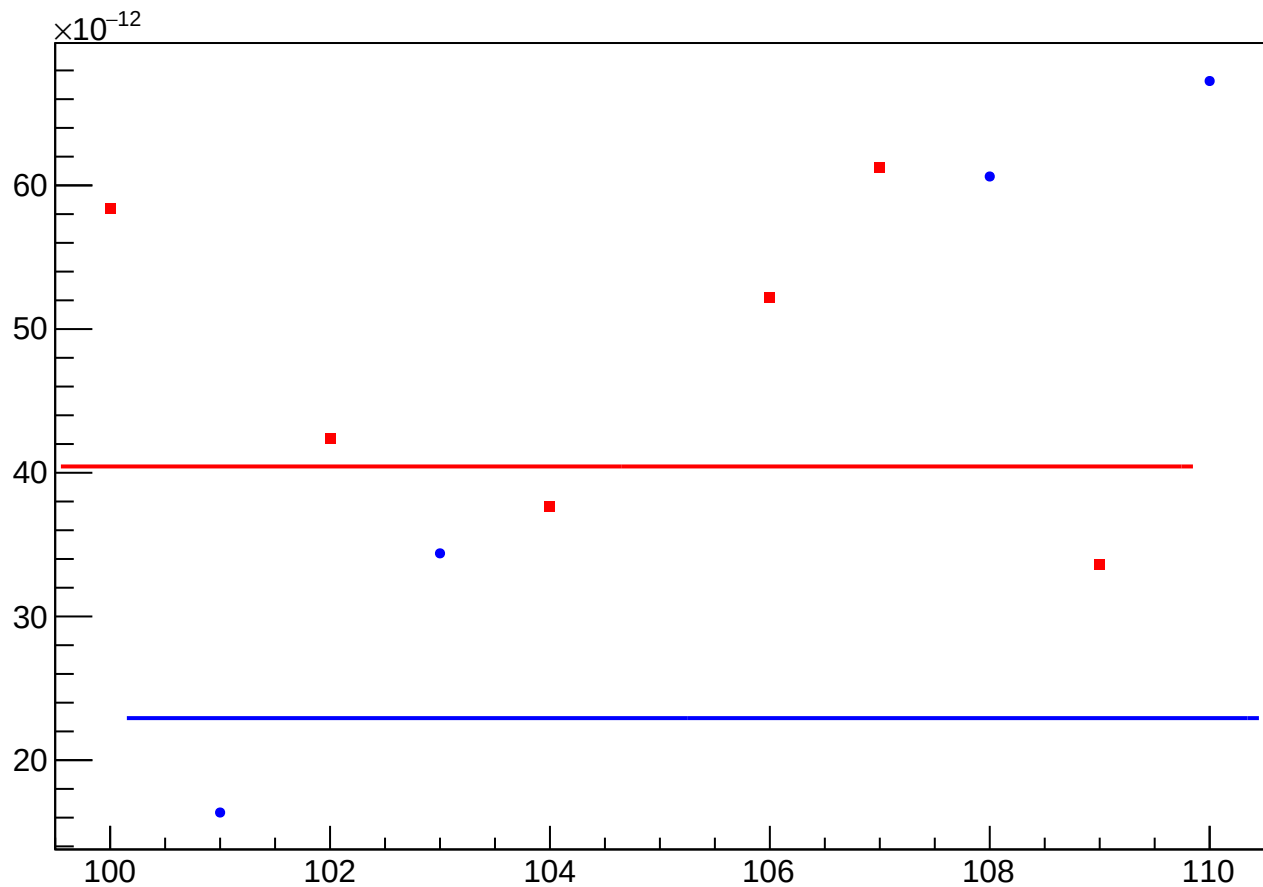
Right: -0.000+/-0.000 χ^2/NDF : 3.2/9

In: -0.000+/-0.000 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.2/9

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 634742.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 92080.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

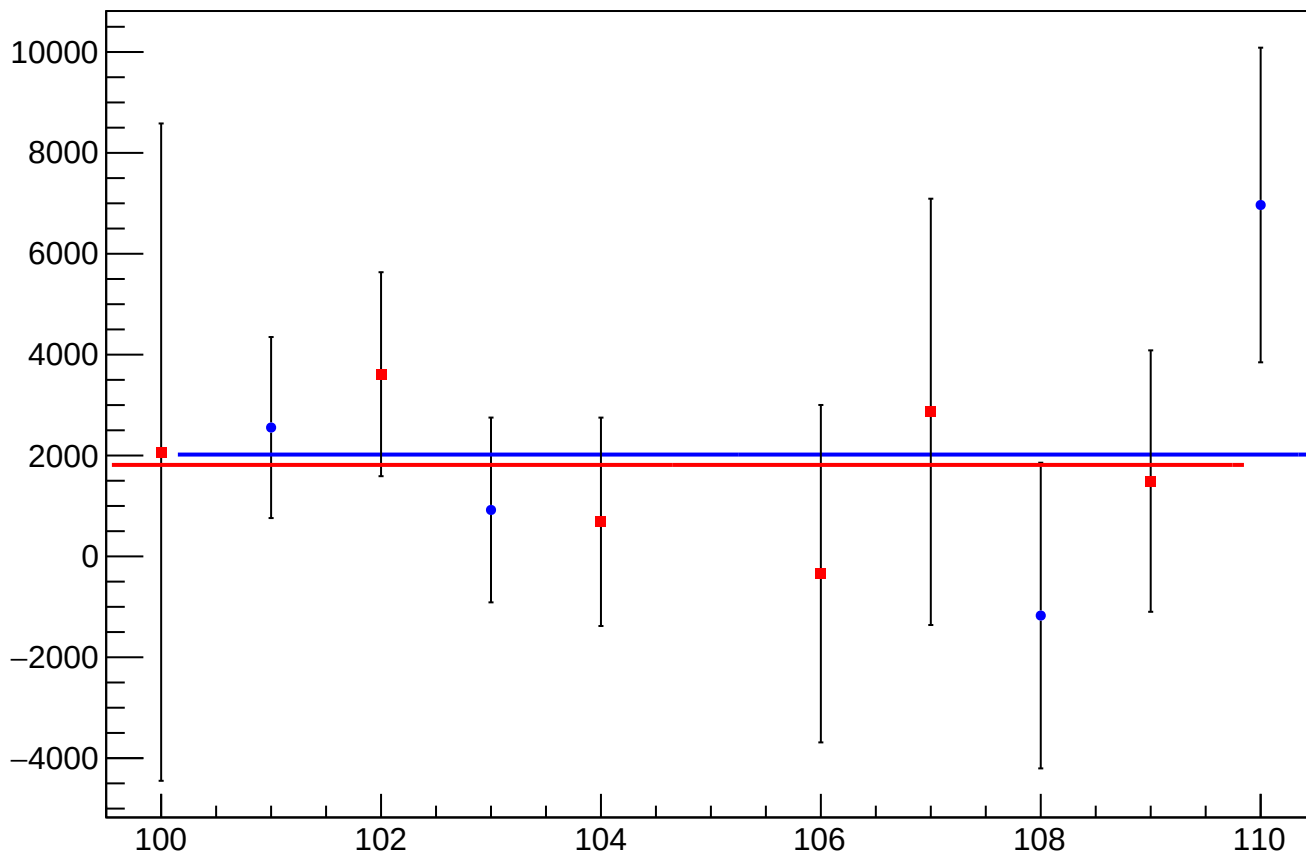
Right: 0.000+/-0.000 χ^2/NDF : 1091438.6/9

In: 0.000+/-0.000 χ^2/NDF : 634742.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1091438.6/9

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2018.911+/-1104.196 χ^2/NDF : 4.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1813.754+/-1120.344 χ^2/NDF : 1.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

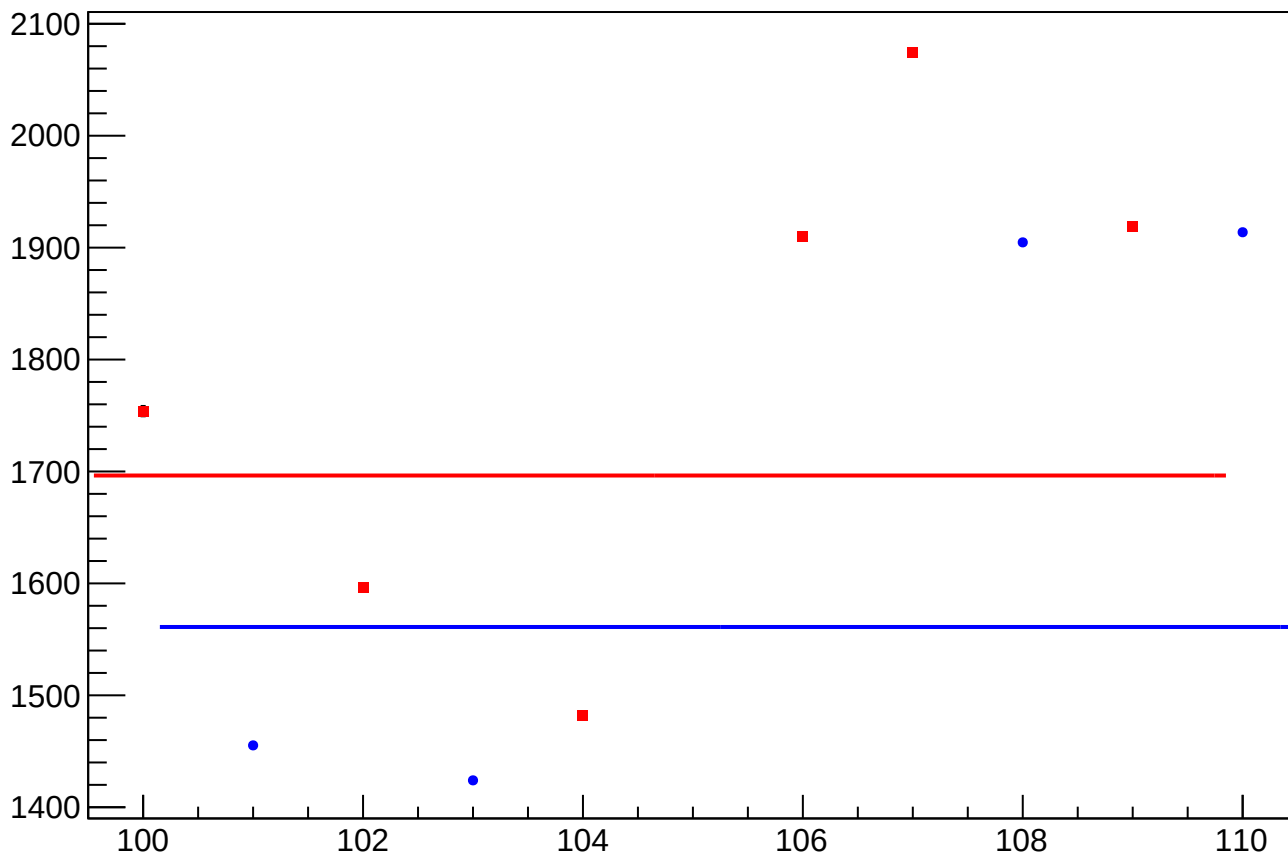
Right: 1917.822+/-786.432 χ^2/NDF : 5.7/9

In: 2018.911+/-1104.196 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1917.822+/-786.432 χ^2/NDF : 5.7/9

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1561.057+/-0.781 χ^2/NDF : 69437.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1696.395+/-0.792 χ^2/NDF : 65470.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

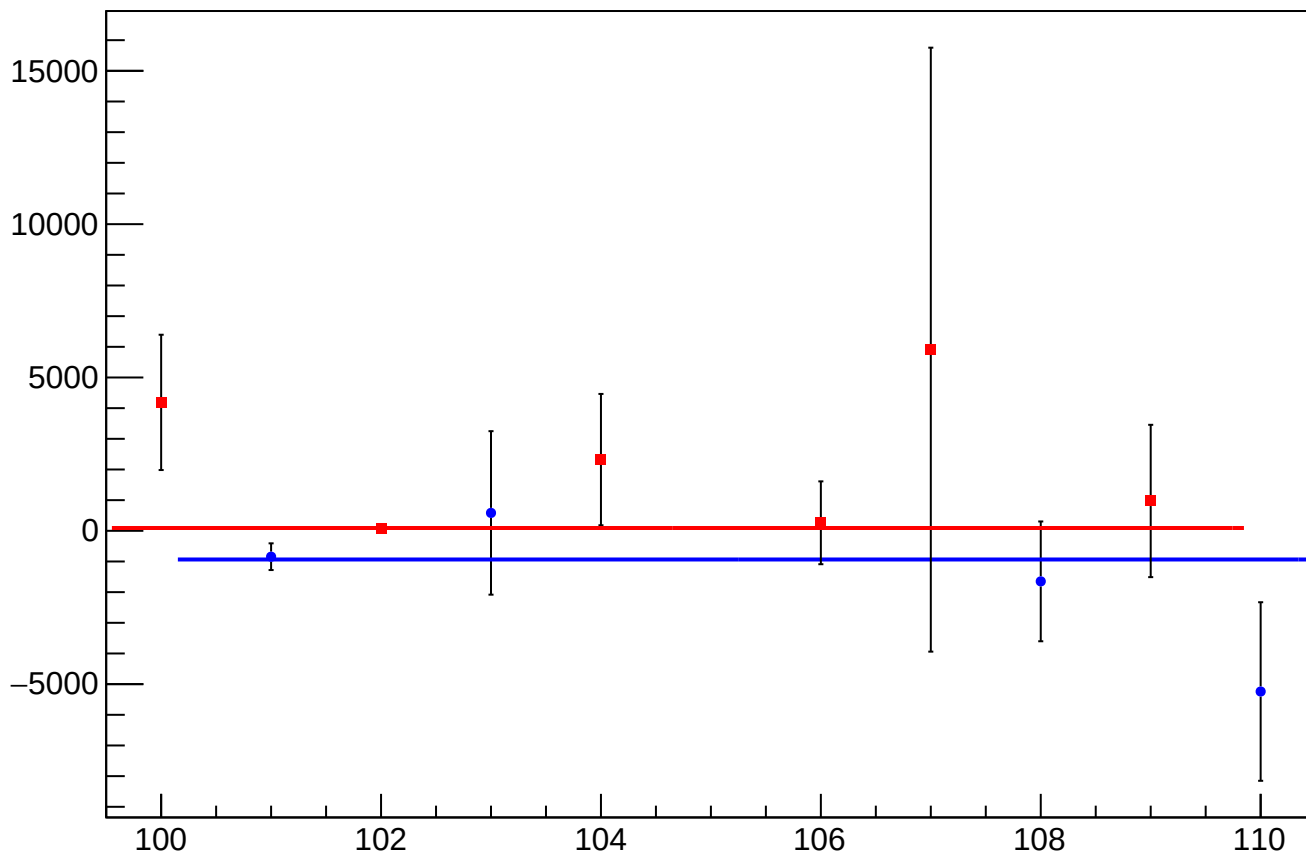
Right: 1627.744+/-0.556 χ^2/NDF : 149712.6/9

In: 1561.057+/-0.781 χ^2/NDF : 69437.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1627.744+/-0.556 χ^2/NDF : 149712.6/9

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -934.931+/-415.382 χ^2/NDF : 2.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.921+/-136.266 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

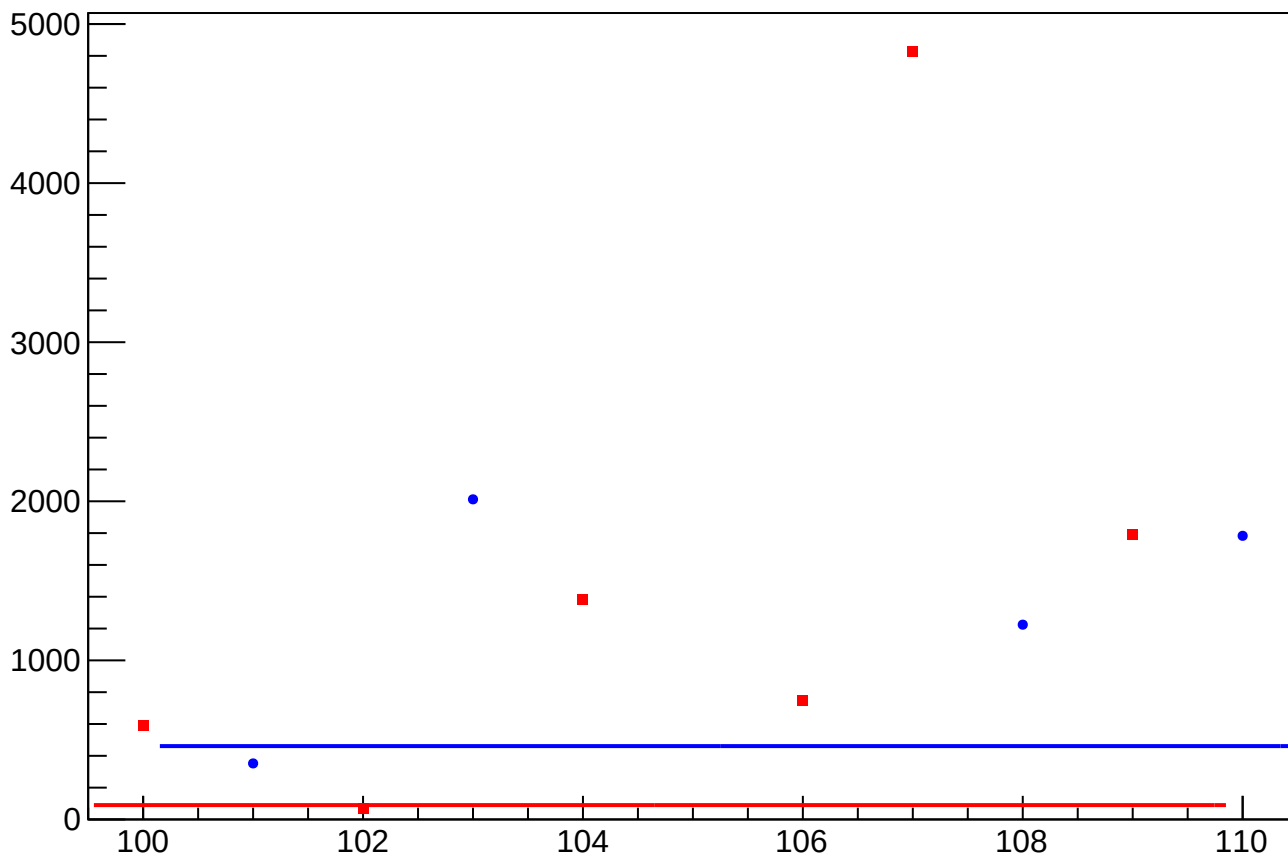
Right: -7.849+/-129.477 χ^2/NDF : 13.3/9

In: -934.931+/-415.382 χ^2/NDF : 2.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.849+/-129.477 χ^2/NDF : 13.3/9

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 461.083+/-0.294 χ^2/NDF : 1519878.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.212+/-0.096 χ^2/NDF : 2751922.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

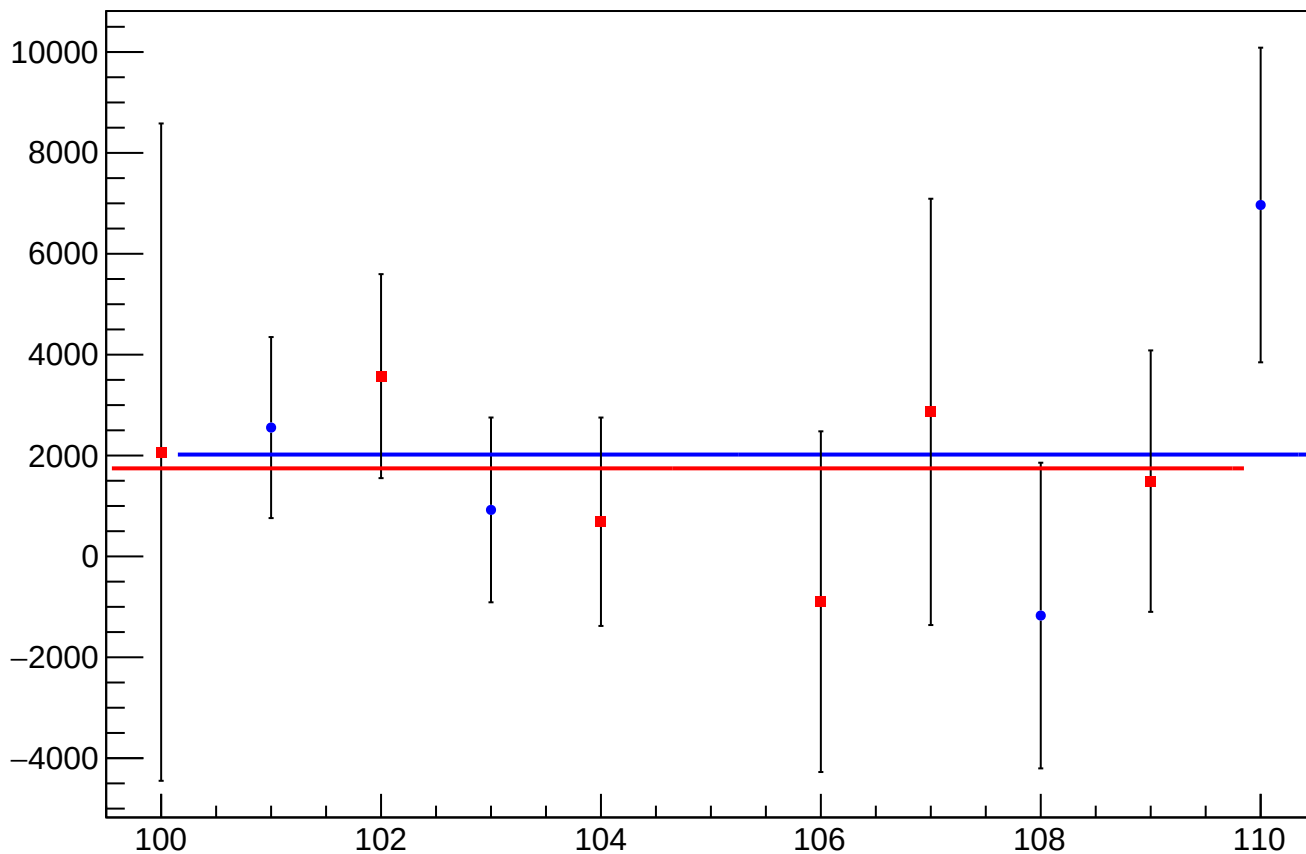
Right: 126.246+/-0.092 χ^2/NDF : 5711233.7/9

In: 461.083+/-0.294 χ^2/NDF : 1519878.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.246+/-0.092 χ^2/NDF : 5711233.7/9

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2019.490+/-1104.196 χ^2/NDF : 4.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1745.718+/-1121.589 χ^2/NDF : 1.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

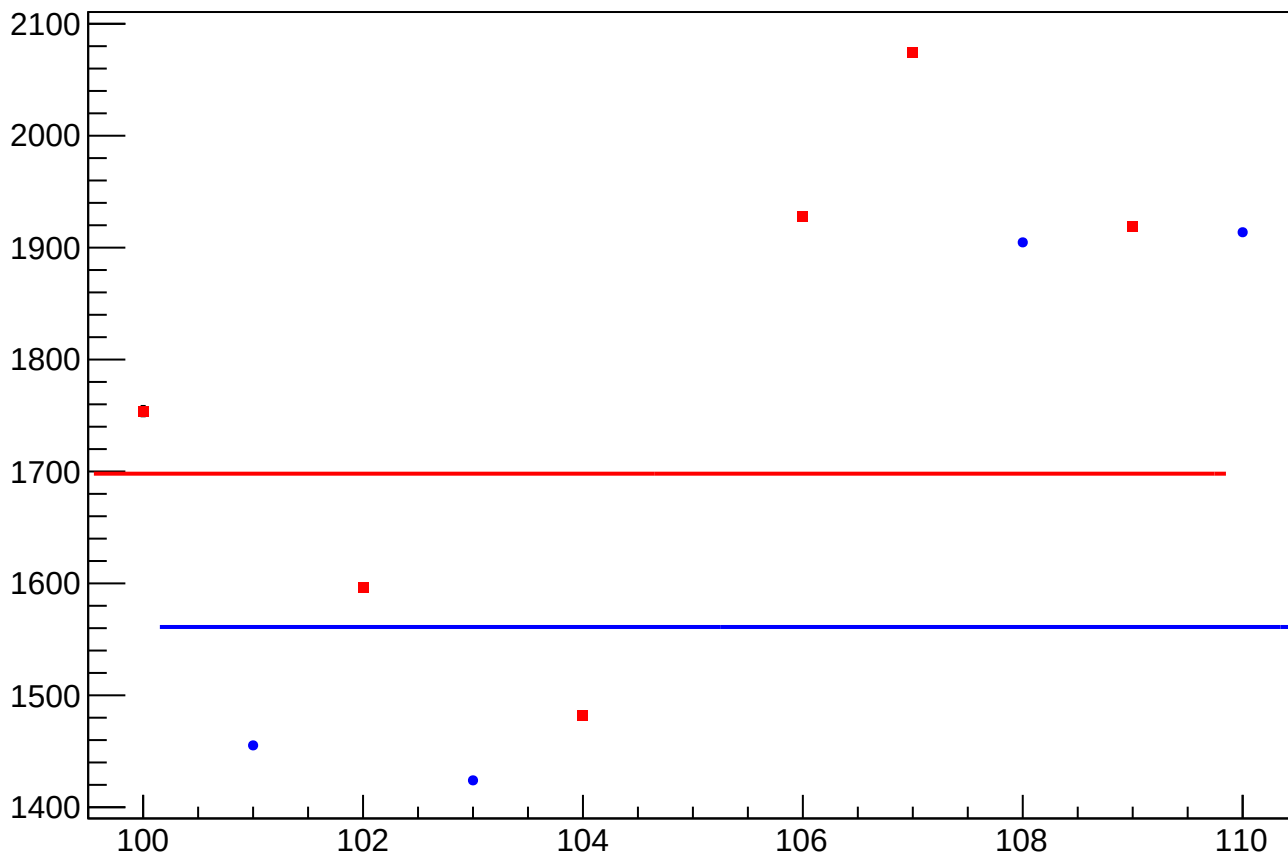
Right: 1884.743+/-786.862 χ^2/NDF : 5.9/9

In: 2019.490+/-1104.196 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1884.743+/-786.862 χ^2/NDF : 5.9/9

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1561.058+/-0.781 χ^2/NDF : 69437.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1698.030+/-0.793 χ^2/NDF : 66721.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

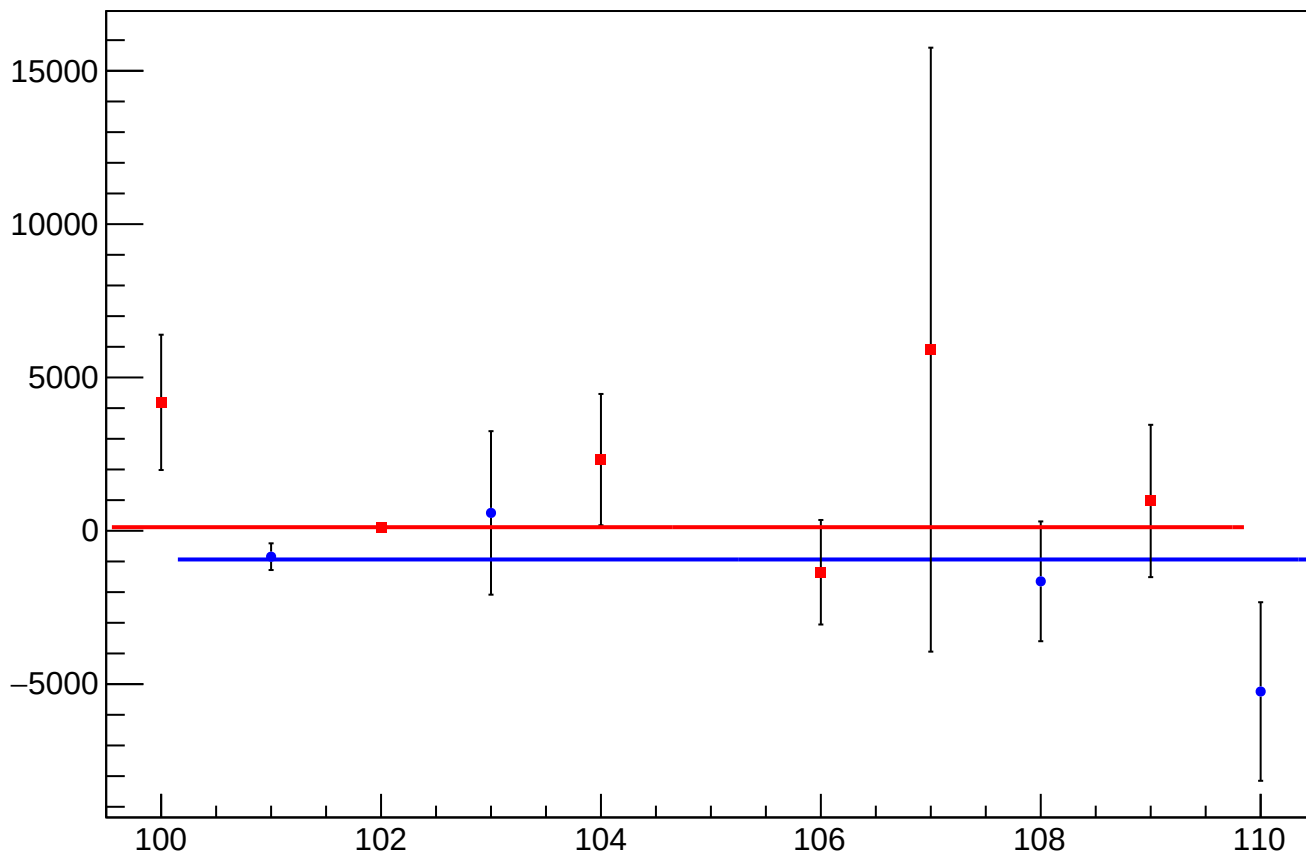
Right: 1628.473+/-0.556 χ^2/NDF : 151306.2/9

In: 1561.058+/-0.781 χ^2/NDF : 69437.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1628.473+/-0.556 χ^2/NDF : 151306.2/9

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -935.017+/-415.382 χ^2/NDF : 2.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.826+/-149.173 χ^2/NDF : 5.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

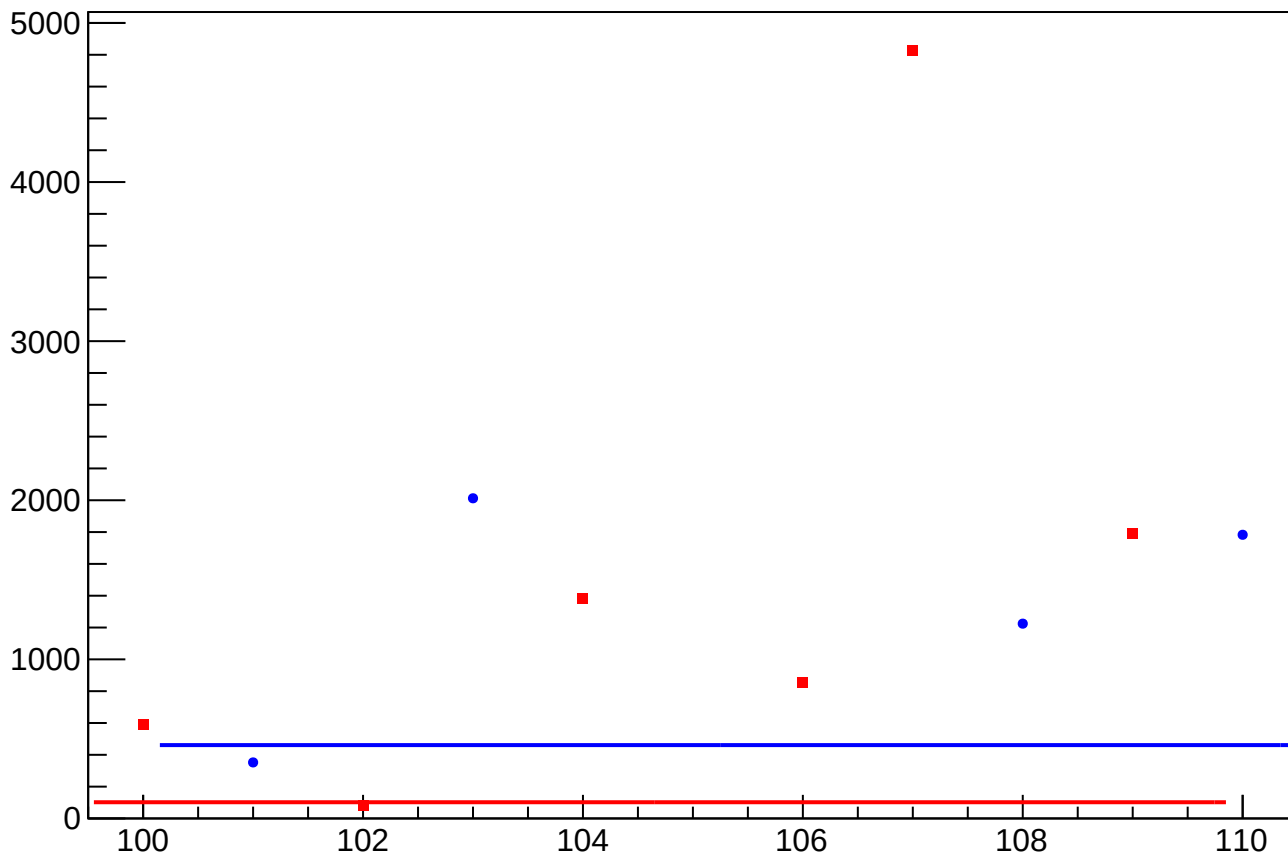
Right: -2.446+/-140.394 χ^2/NDF : 14.1/9

In: -935.017+/-415.382 χ^2/NDF : 2.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.446+/-140.394 χ^2/NDF : 14.1/9

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 461.079+/-0.294 χ^2/NDF : 1519888.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.917+/-0.105 χ^2/NDF : 2631884.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

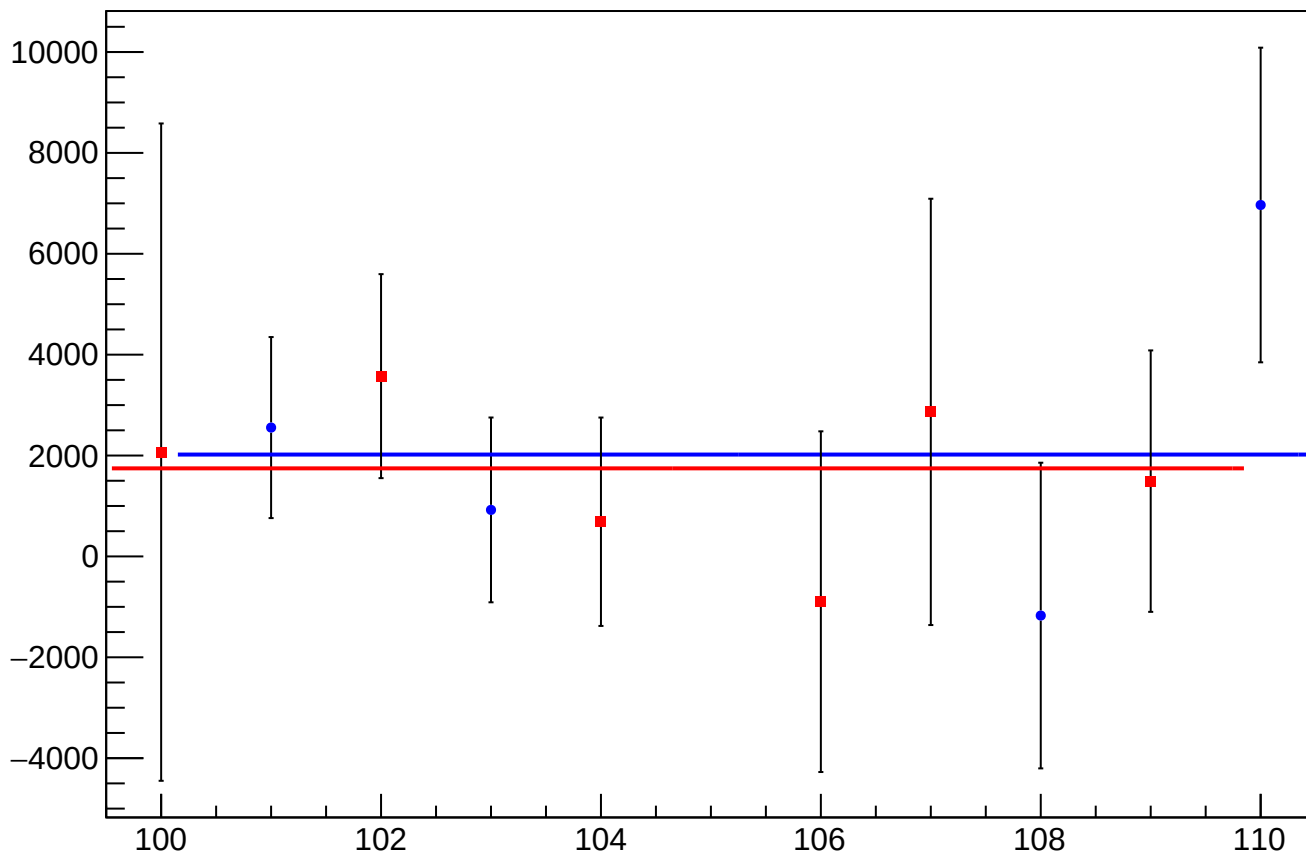
Right: 142.946+/-0.099 χ^2/NDF : 5476223.2/9

In: 461.079+/-0.294 χ^2/NDF : 1519888.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.946+/-0.099 χ^2/NDF : 5476223.2/9

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2019.490+/-1104.196 χ^2/NDF : 4.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1745.718+/-1121.589 χ^2/NDF : 1.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

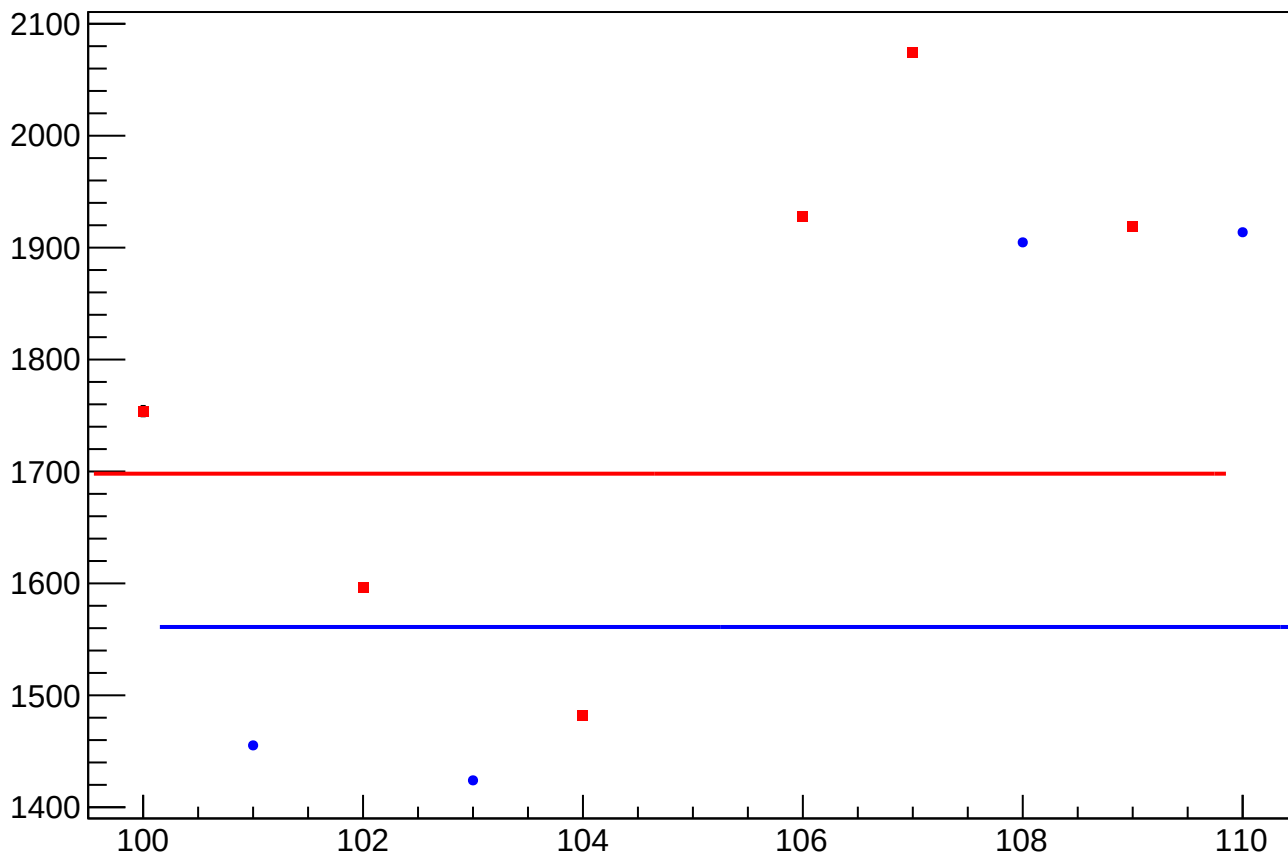
Right: 1884.743+/-786.862 χ^2/NDF : 5.9/9

In: 2019.490+/-1104.196 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1884.743+/-786.862 χ^2/NDF : 5.9/9

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1561.058+/-0.781 χ^2/NDF : 69437.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1698.030+/-0.793 χ^2/NDF : 66721.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

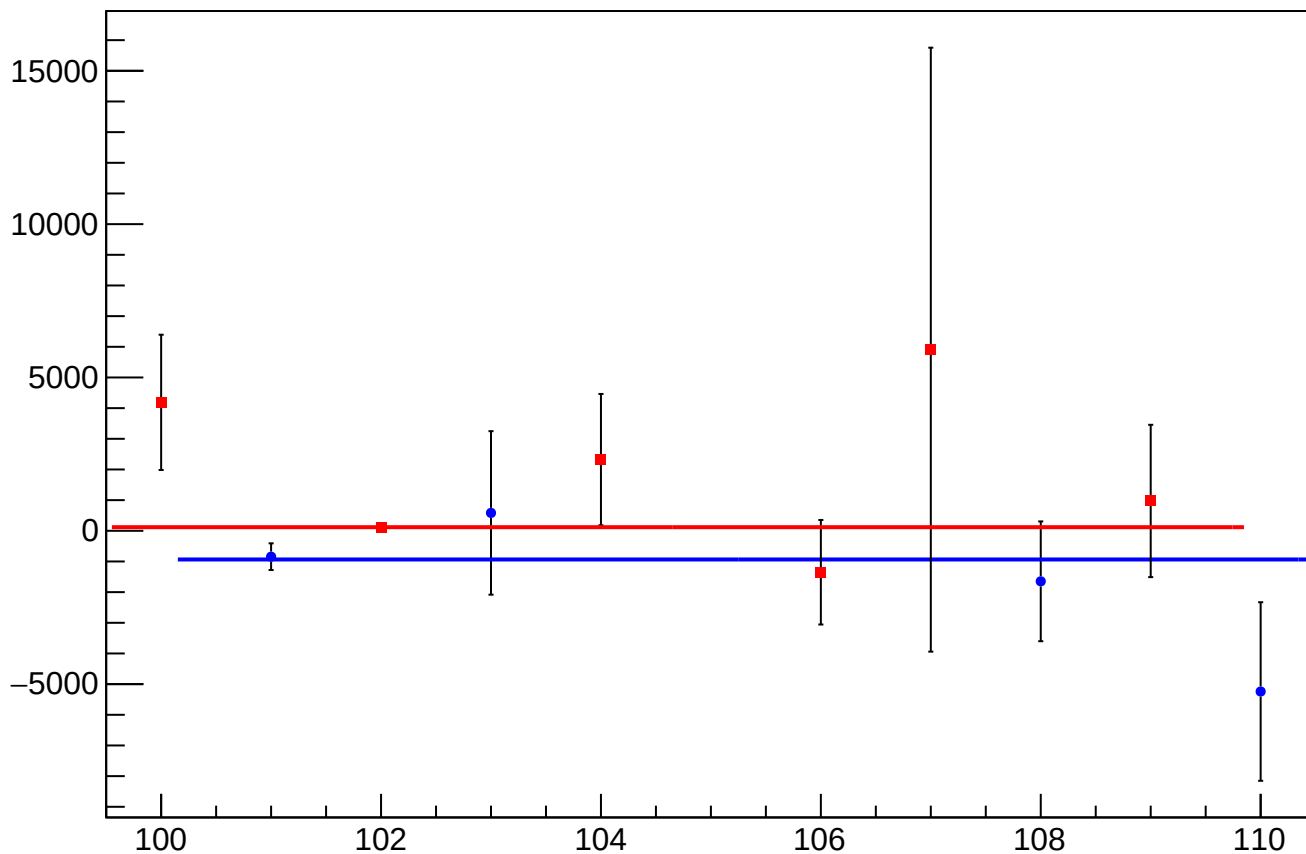
Right: 1628.473+/-0.556 χ^2/NDF : 151306.2/9

In: 1561.058+/-0.781 χ^2/NDF : 69437.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1628.473+/-0.556 χ^2/NDF : 151306.2/9

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -935.017+/-415.382 χ^2/NDF : 2.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.826+/-149.173 χ^2/NDF : 5.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

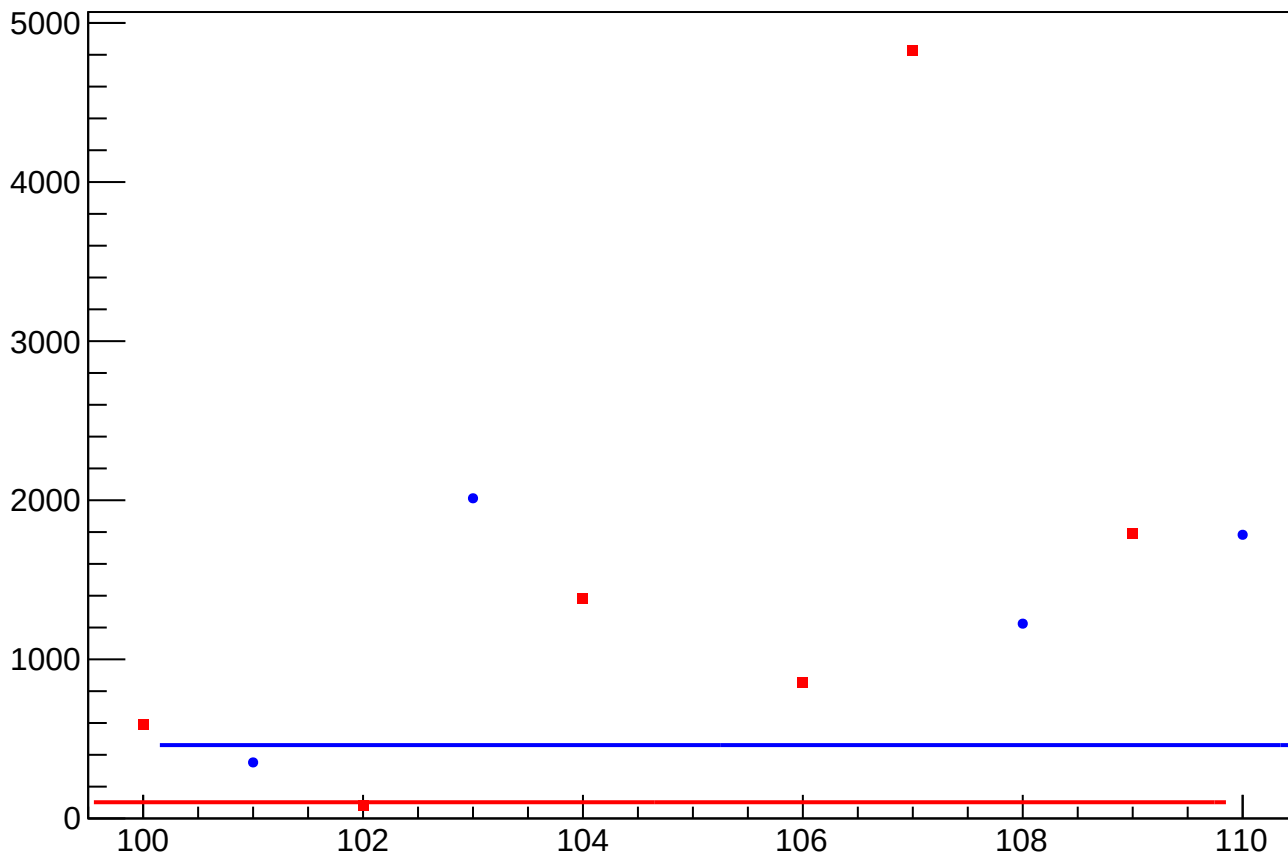
Right: -2.446+/-140.394 χ^2/NDF : 14.1/9

In: -935.017+/-415.382 χ^2/NDF : 2.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.446+/-140.394 χ^2/NDF : 14.1/9

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 461.079+/-0.294 χ^2/NDF : 1519888.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.917+/-0.105 χ^2/NDF : 2631884.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

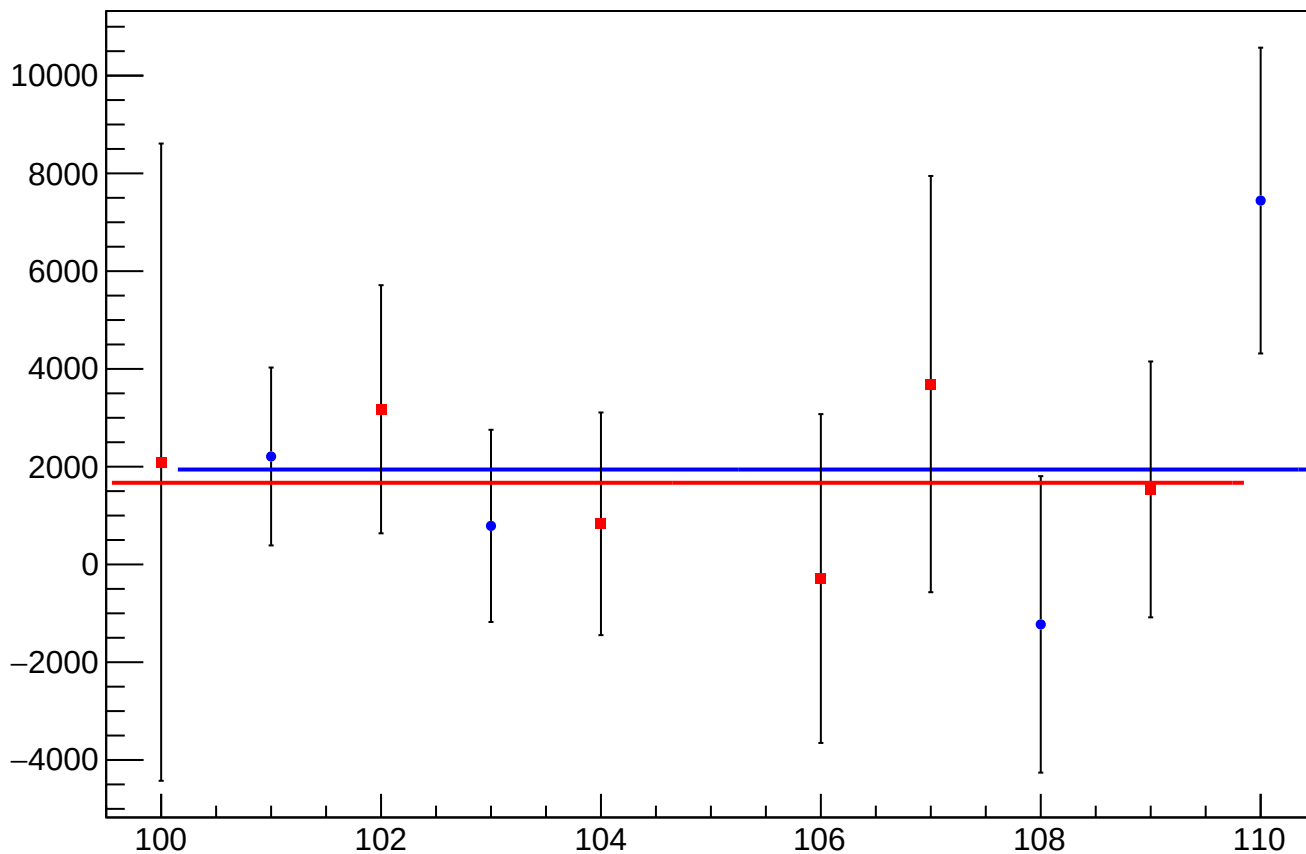
Right: 142.946+/-0.099 χ^2/NDF : 5476223.2/9

In: 461.079+/-0.294 χ^2/NDF : 1519888.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.946+/-0.099 χ^2/NDF : 5476223.2/9

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1942.009+/-1138.348 χ^2/NDF : 4.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1670.810+/-1229.864 χ^2/NDF : 1.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

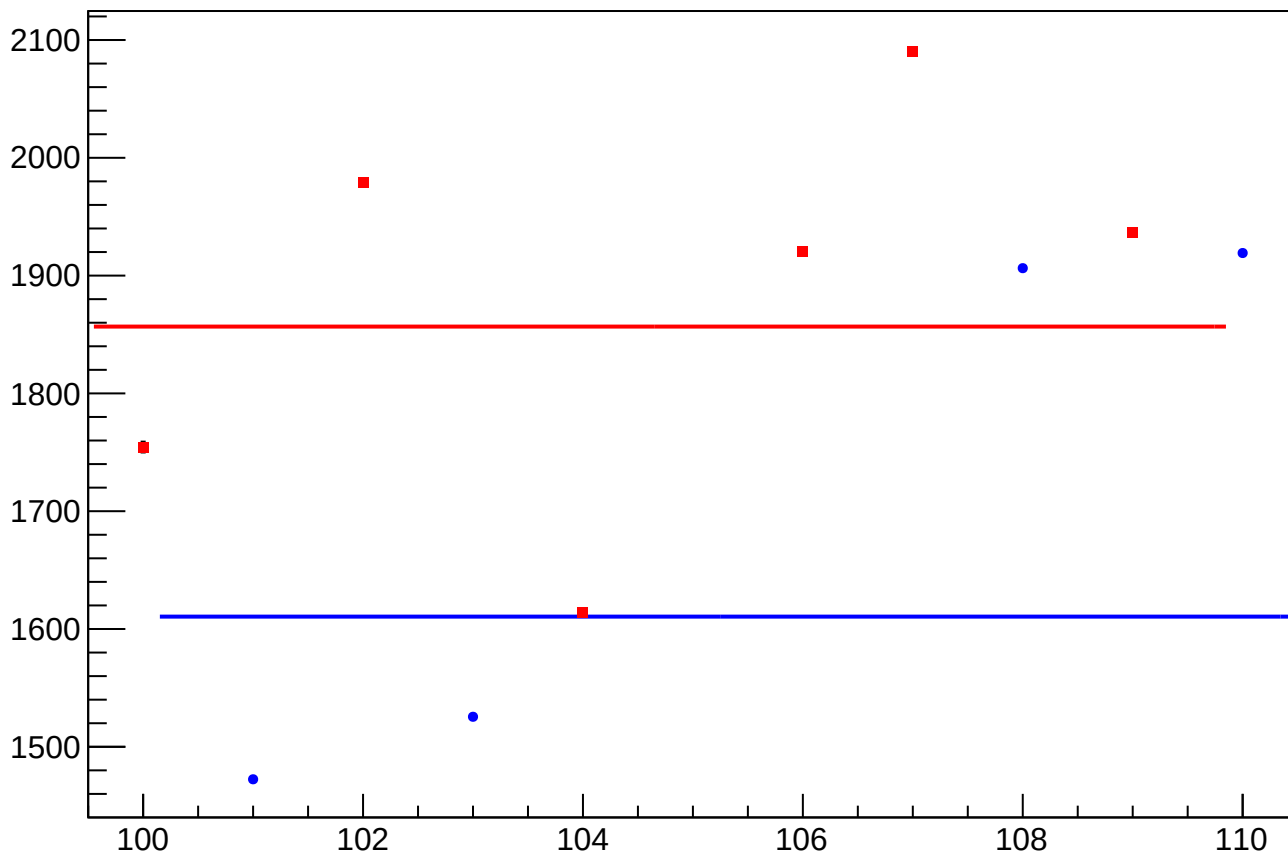
Right: 1816.874+/-835.415 χ^2/NDF : 5.6/9

In: 1942.009+/-1138.348 χ^2/NDF : 4.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1816.874+/-835.415 χ^2/NDF : 5.6/9

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1610.512 $\pm$ 0.805 χ^2 /NDF: 53760.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1856.723 $\pm$ 0.870 χ^2 /NDF: 36515.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

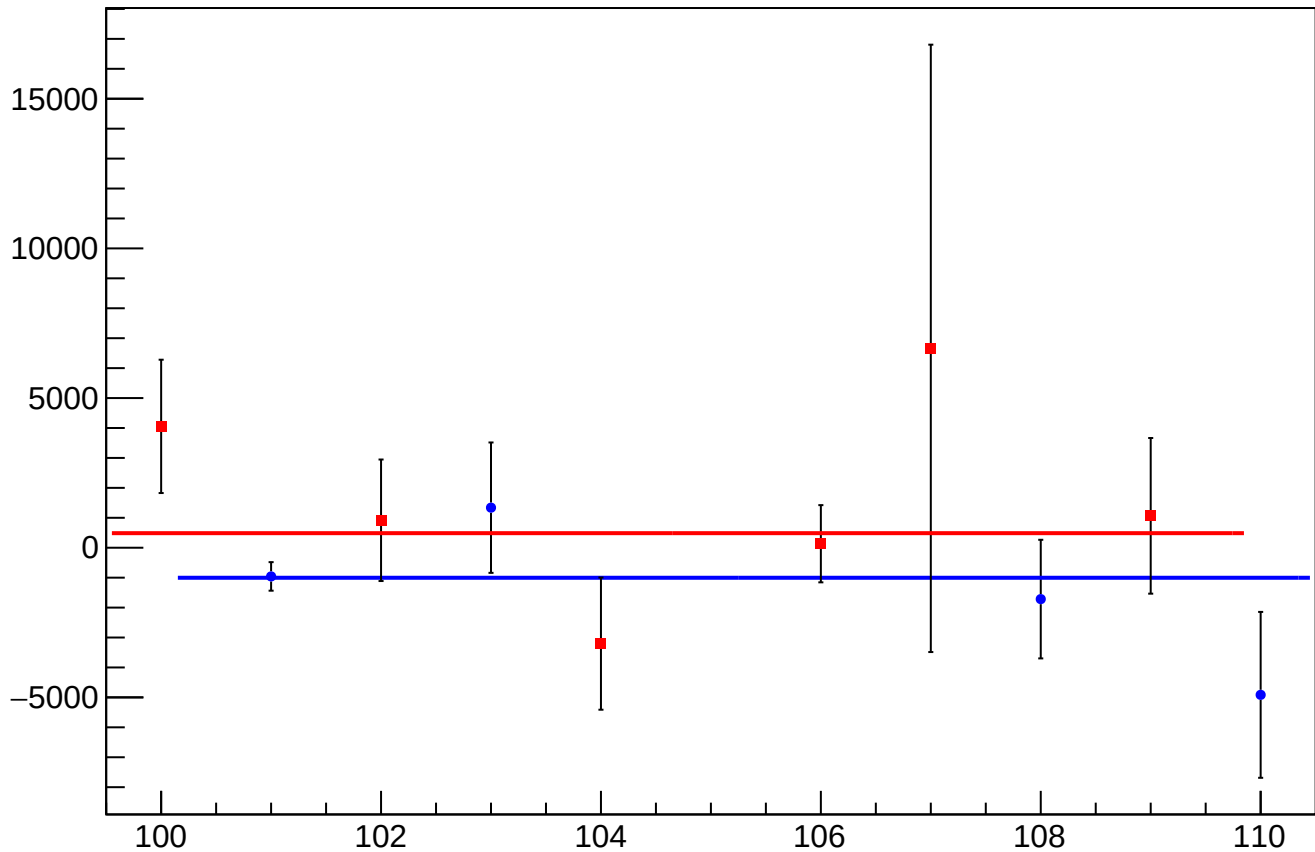
Right: 1724.117 $\pm$ 0.591 χ^2 /NDF: 133446.3/9

In: 1610.512 $\pm$ 0.805 χ^2 /NDF:53760.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1724.117 $\pm$ 0.591 χ^2 /NDF: 133446.3/9

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1003.364+/-447.525 χ^2/NDF : 3.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.491+/-842.689 χ^2/NDF : 5.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

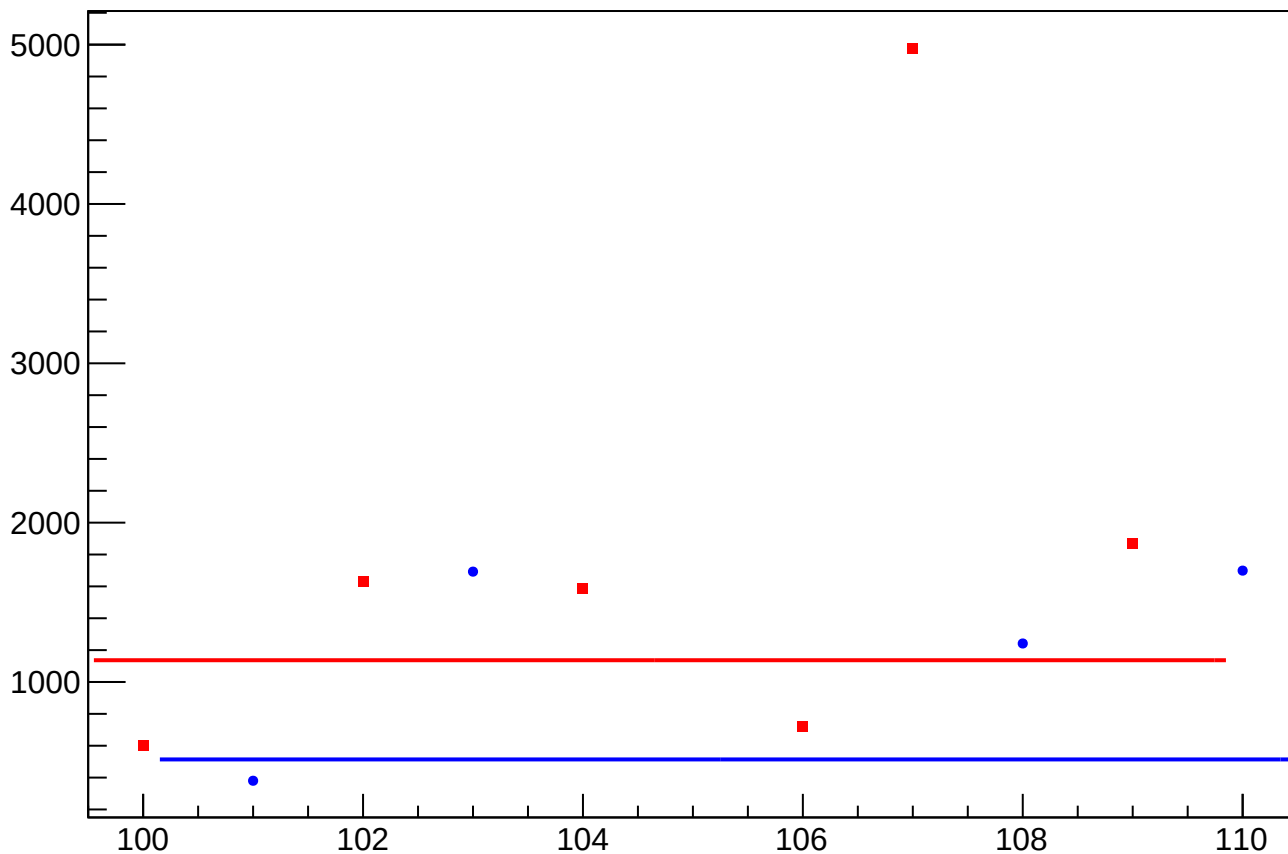
Right: -675.612+/-395.246 χ^2/NDF : 11.6/9

In: -1003.364+/-447.525 χ^2/NDF : 3.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -675.612+/-395.246 χ^2/NDF : 11.6/9

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 513.965+/-0.316 χ^2/NDF : 1378586.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1136.594+/-0.596 χ^2/NDF : 968853.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

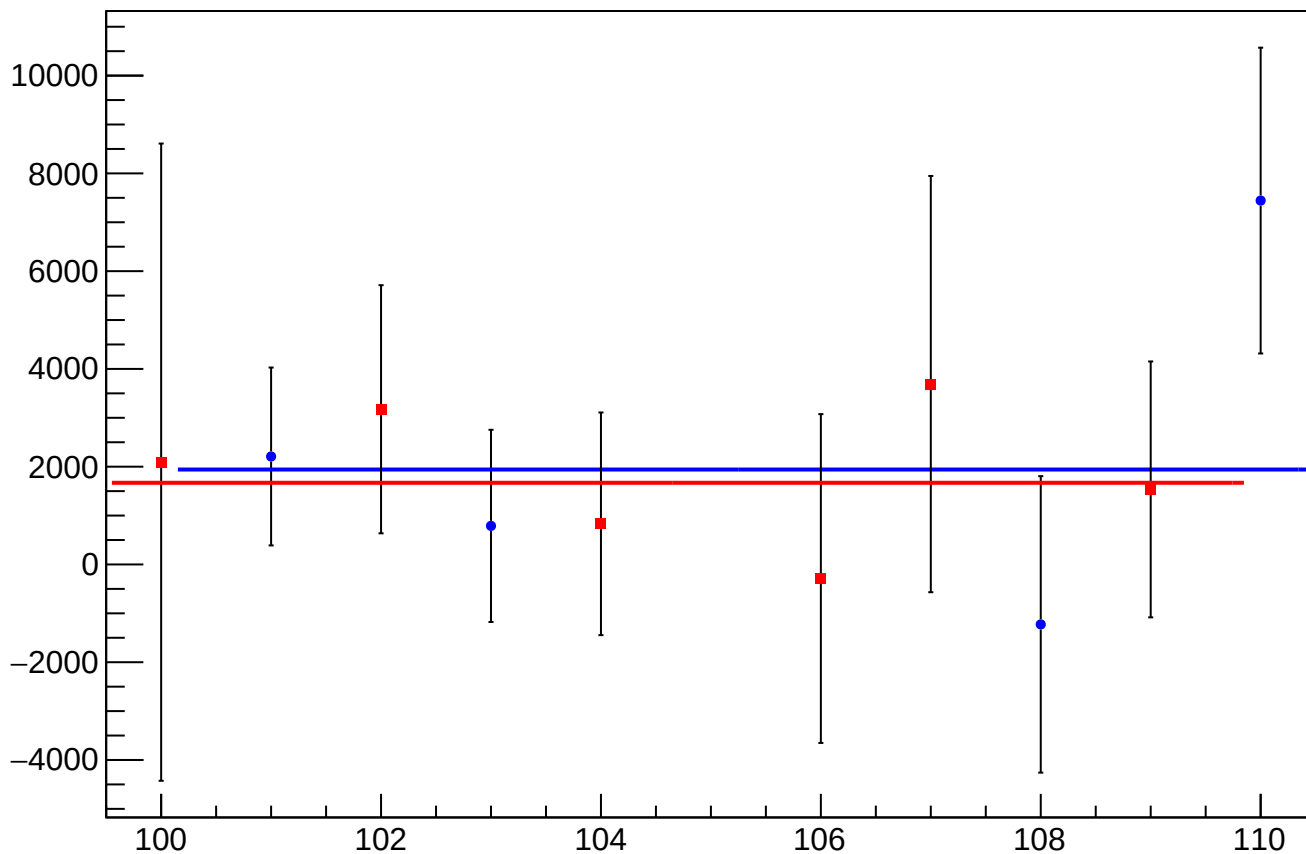
Right: 650.937+/-0.279 χ^2/NDF : 3199078.1/9

In: 513.965+/-0.316 χ^2/NDF : 1378586.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 650.937+/-0.279 χ^2/NDF : 3199078.1/9

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1942.004+/-1138.347 χ^2/NDF : 4.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1670.803+/-1229.863 χ^2/NDF : 1.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

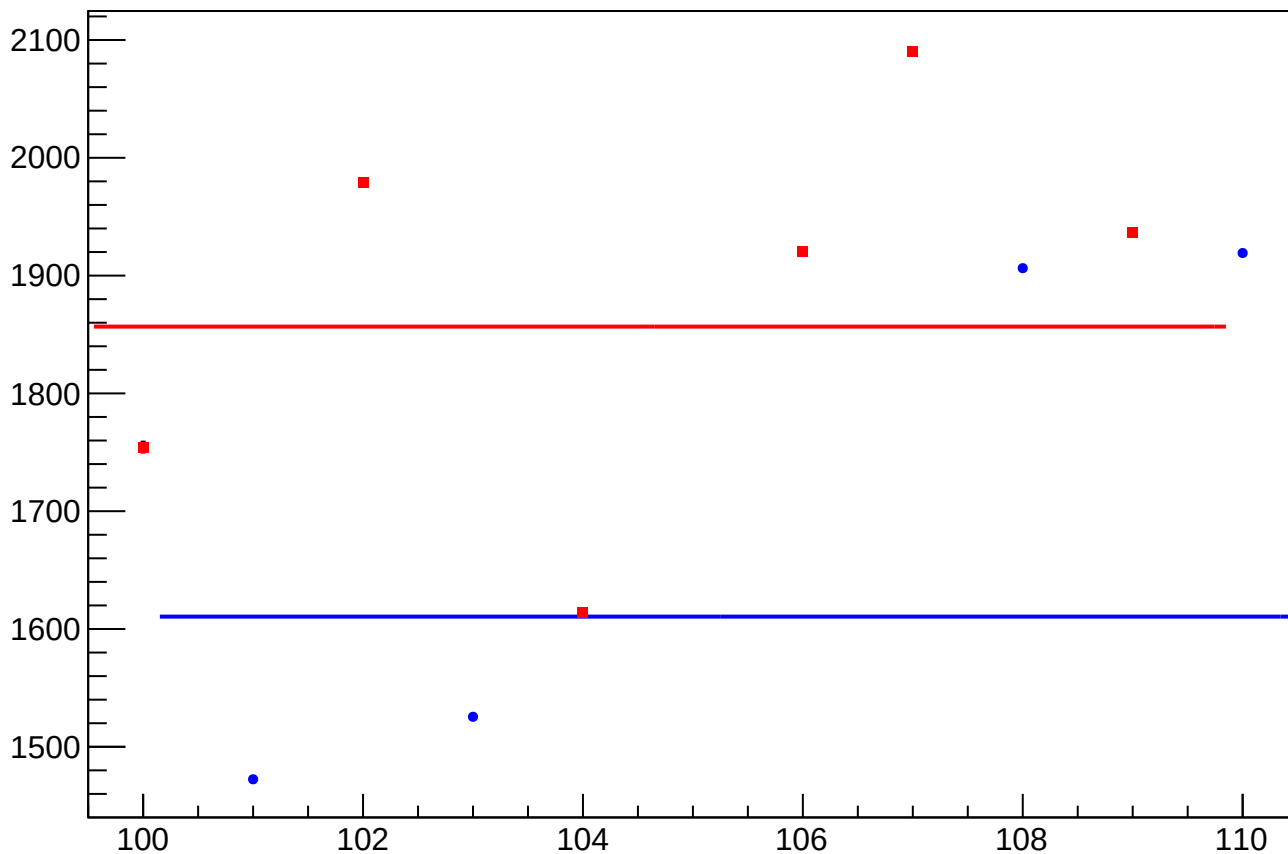
Right: 1816.868+/-835.415 χ^2/NDF : 5.6/9

In: 1942.004+/-1138.347 χ^2/NDF : 4.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1816.868+/-835.415 χ^2/NDF : 5.6/9

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1610.511+/-0.805 χ^2/NDF : 53761.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1856.721+/-0.870 χ^2/NDF : 36515.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

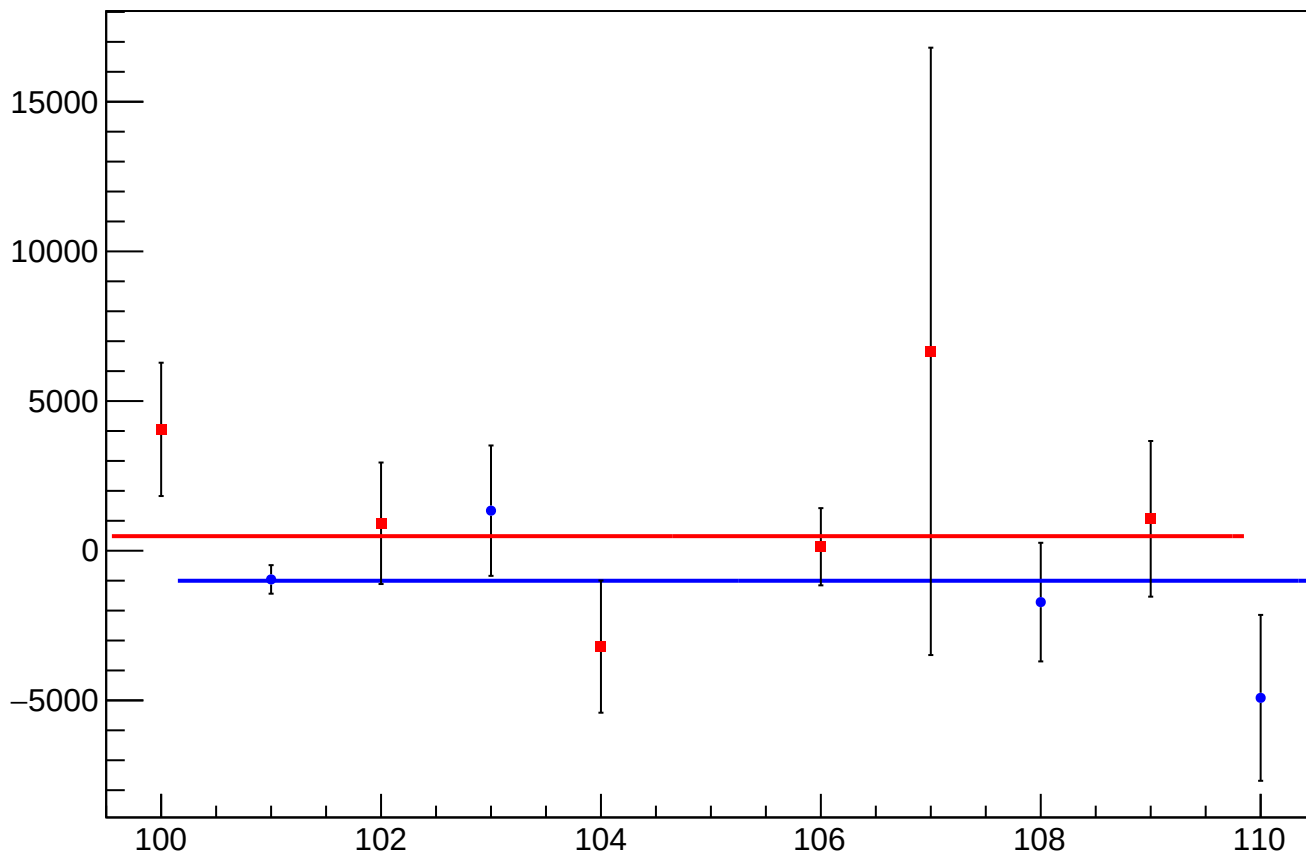
Right: 1724.116+/-0.591 χ^2/NDF : 133447.1/9

In: 1610.511+/-0.805 χ^2/NDF : 53761.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.116+/-0.591 χ^2/NDF : 133447.1/9

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1003.367+/-447.525 χ^2/NDF : 3.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.492+/-842.689 χ^2/NDF : 5.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

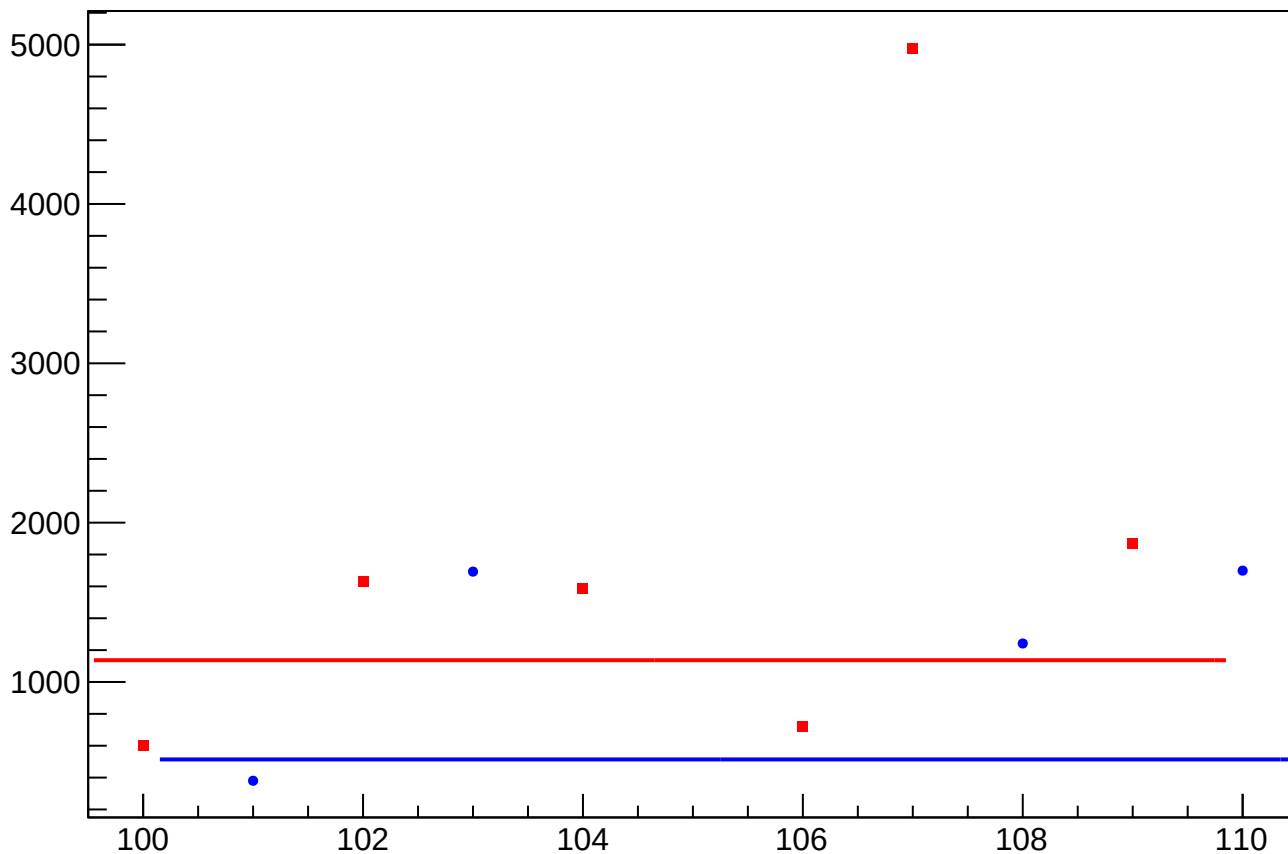
Right: -675.614+/-395.247 χ^2/NDF : 11.6/9

In: -1003.367+/-447.525 χ^2/NDF : 3.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -675.614+/-395.247 χ^2/NDF : 11.6/9

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 513.966+/-0.316 χ^2/NDF : 1378585.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1136.595+/-0.596 χ^2/NDF : 968853.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

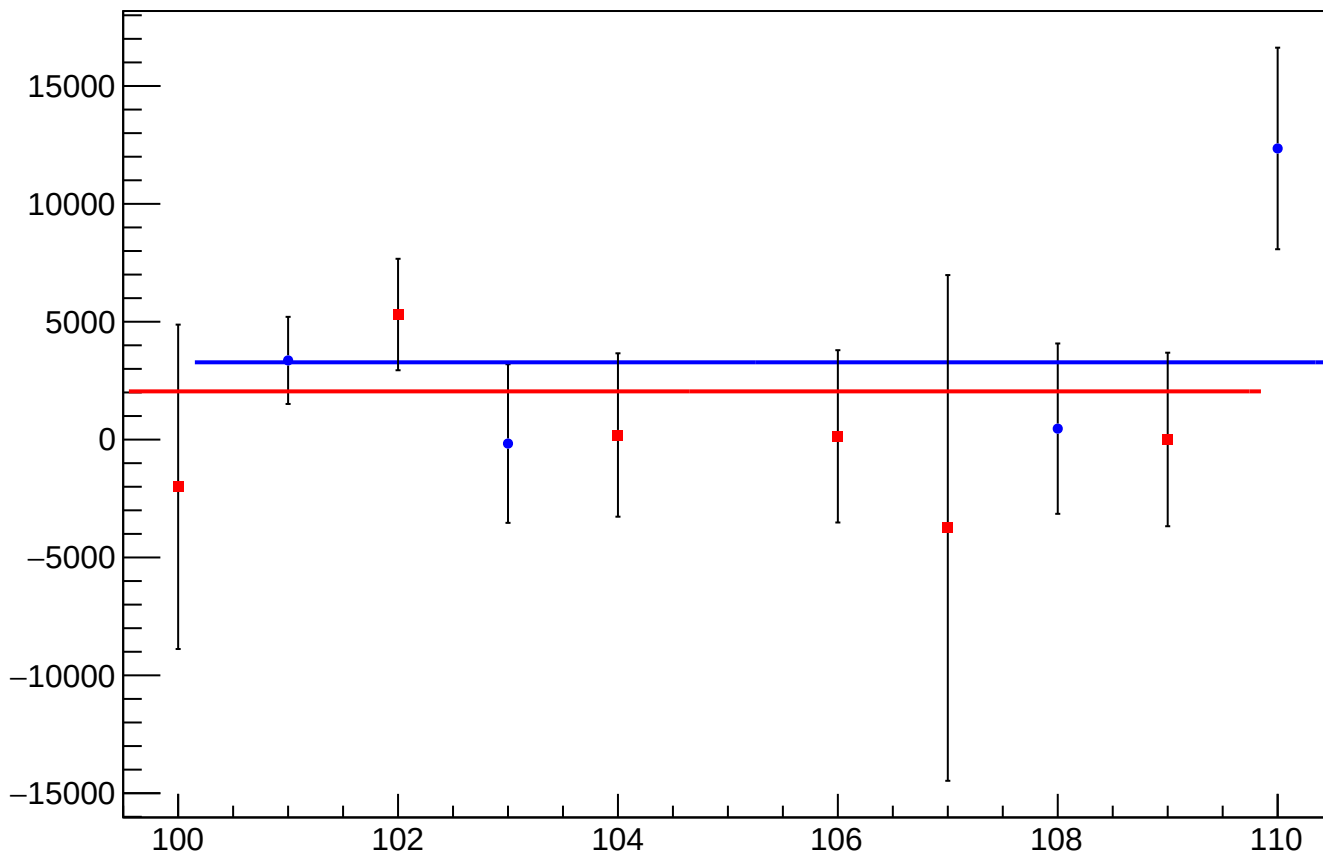
Right: 650.938+/-0.279 χ^2/NDF : 3199075.7/9

In: 513.966+/-0.316 χ^2/NDF : 1378585.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 650.938+/-0.279 χ^2/NDF : 3199075.7/9

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 3278.636+/-1396.824 χ^2/NDF : 6.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2045.847+/-1506.378 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

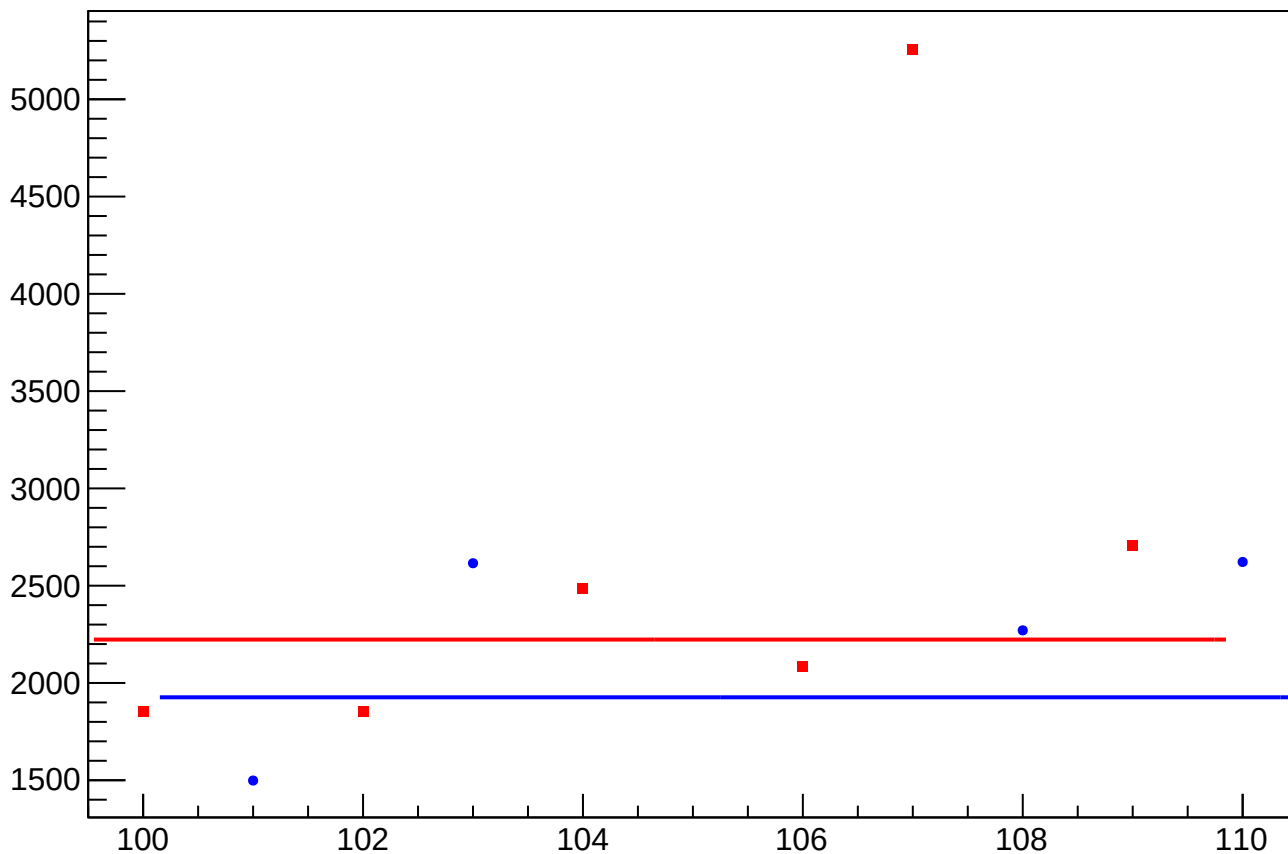
Right: 2708.695+/-1024.246 χ^2/NDF : 9.9/9

In: 3278.636+/-1396.824 χ^2/NDF : 6.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2708.695+/-1024.246 χ^2/NDF : 9.9/9

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1926.306+/-0.988 χ^2/NDF : 262208.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2223.103+/-1.065 χ^2/NDF : 263342.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

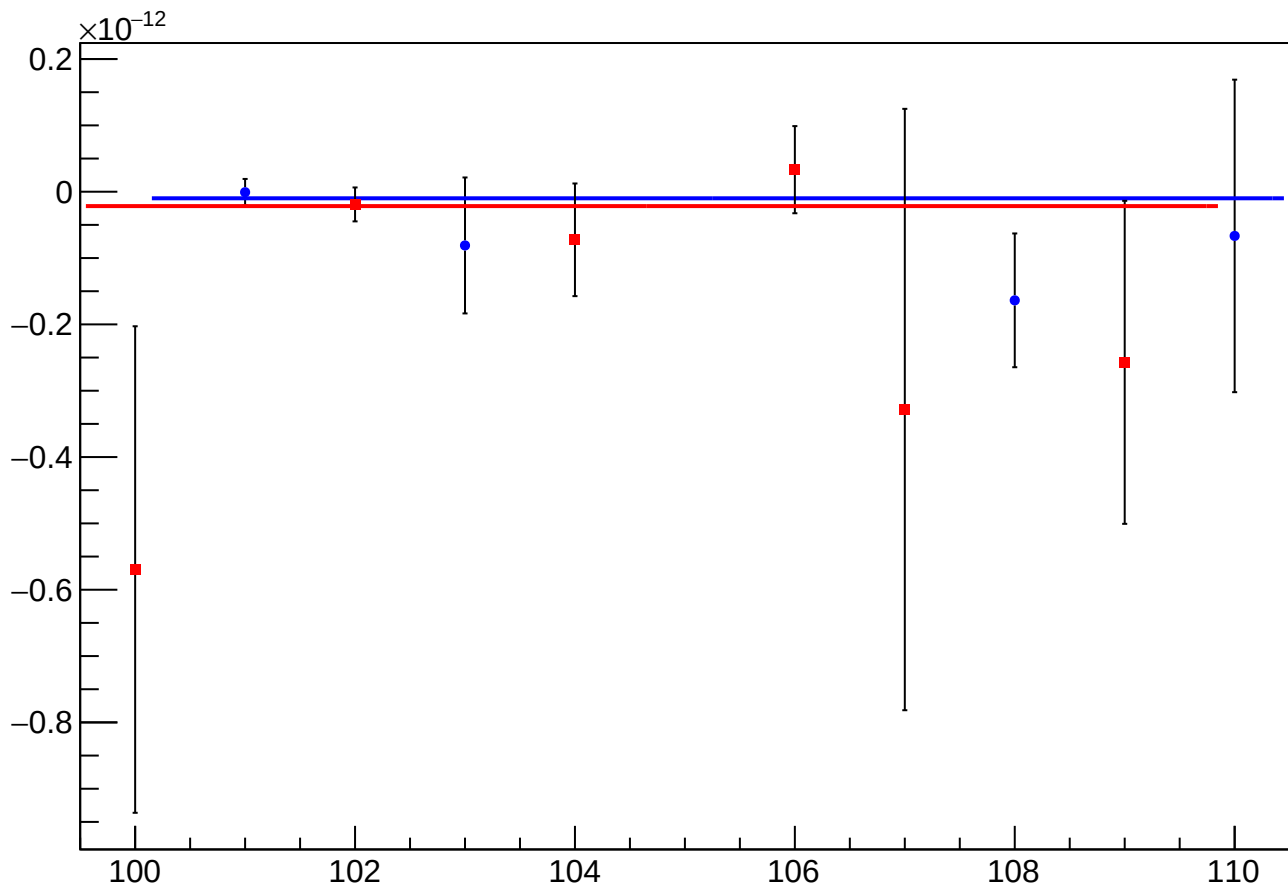
Right: 2063.521+/-0.724 χ^2/NDF : 567296.2/9

In: 1926.306+/-0.988 χ^2/NDF : 262208.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2063.521+/-0.724 χ^2/NDF : 567296.2/9

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

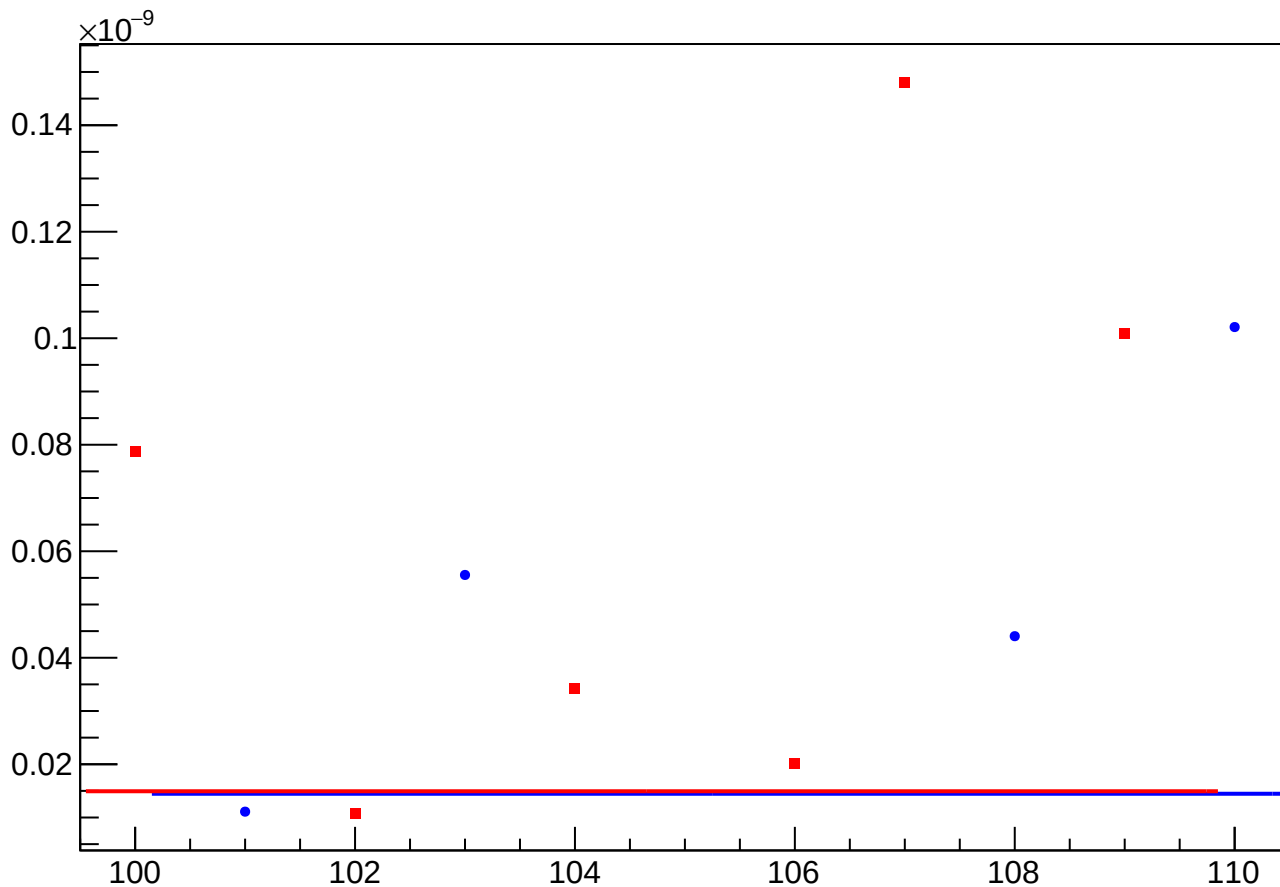
Right: -0.000+/-0.000 χ^2/NDF : 7.9/9

In: -0.000+/-0.000 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.9/9

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 827179.1/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 652523.7/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

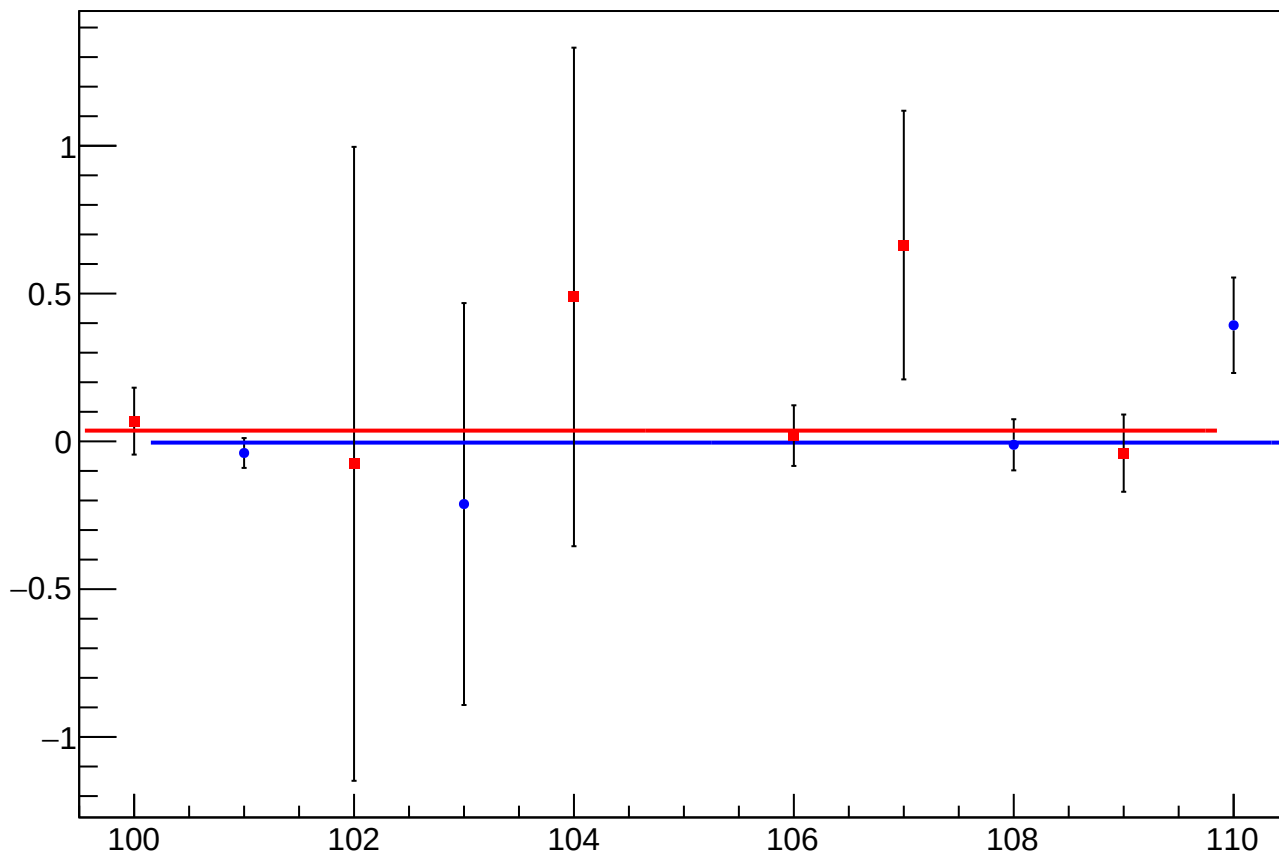
Right: 0.000+/-0.000 χ^2 /NDF: 1480201.6/9

In: 0.000+/-0.000 χ^2 /NDF:827179.1/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 1480201.6/9

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.042 χ^2 /NDF: 6.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.036 $\pm$ 0.065 χ^2 /NDF: 2.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

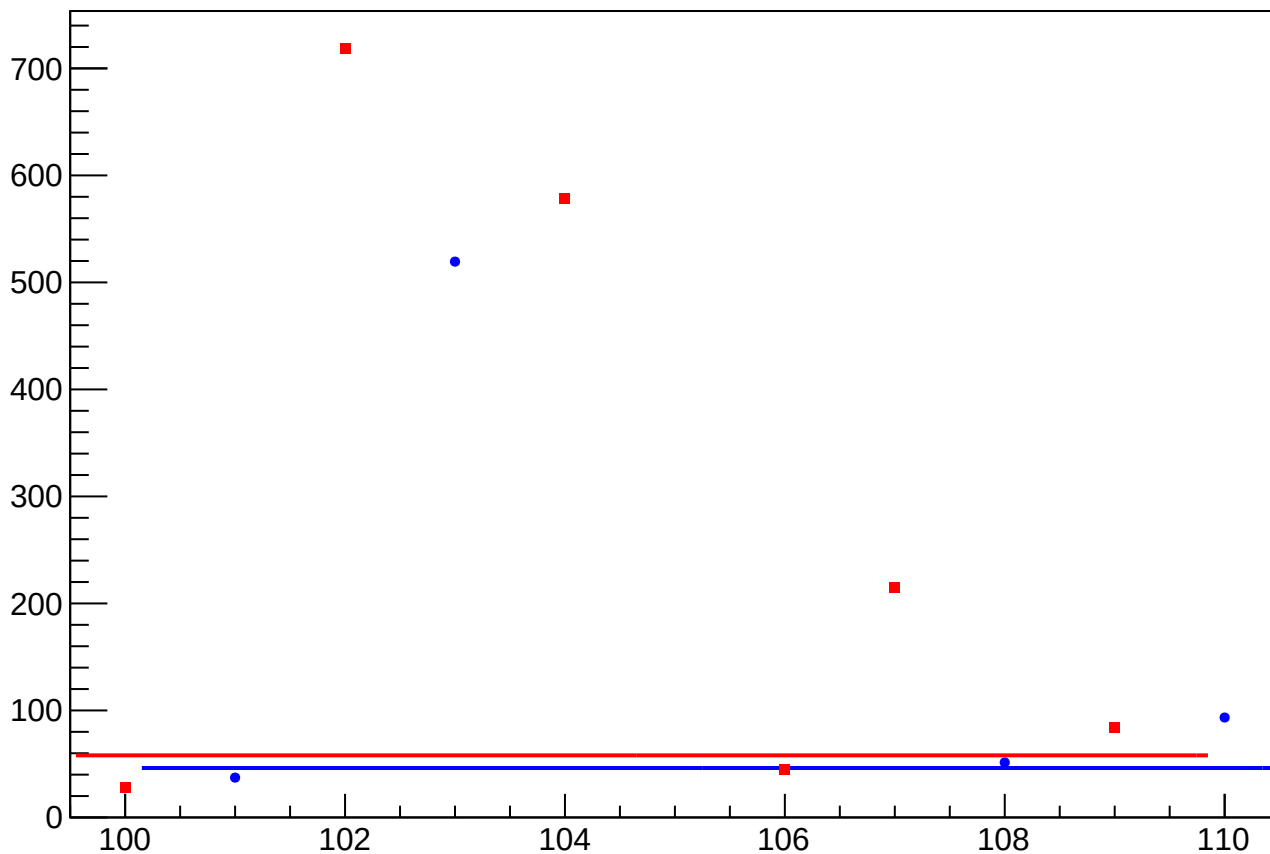
Right: 0.008 $\pm$ 0.035 χ^2 /NDF: 9.6/9

In: -0.004 $\pm$ 0.042 χ^2 /NDF:6.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.035 χ^2 /NDF: 9.6/9

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.214+/-0.030 χ^2/NDF : 1209904.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.028+/-0.046 χ^2/NDF : 2011837.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

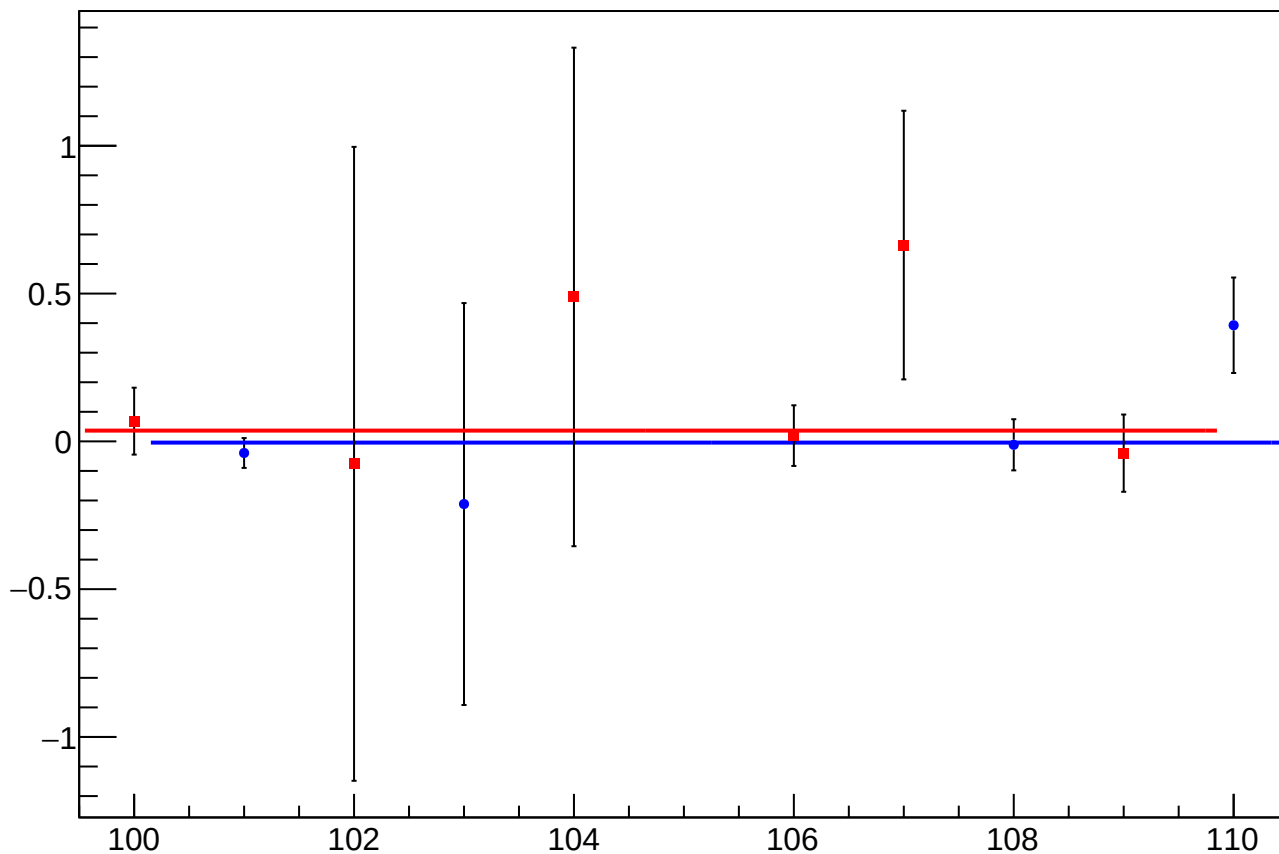
Right: 49.718+/-0.025 χ^2/NDF : 3268630.2/9

In: 46.214+/-0.030 χ^2/NDF : 1209904.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.718+/-0.025 χ^2/NDF : 3268630.2/9

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.042 χ^2 /NDF: 6.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.036 $\pm$ 0.065 χ^2 /NDF: 2.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

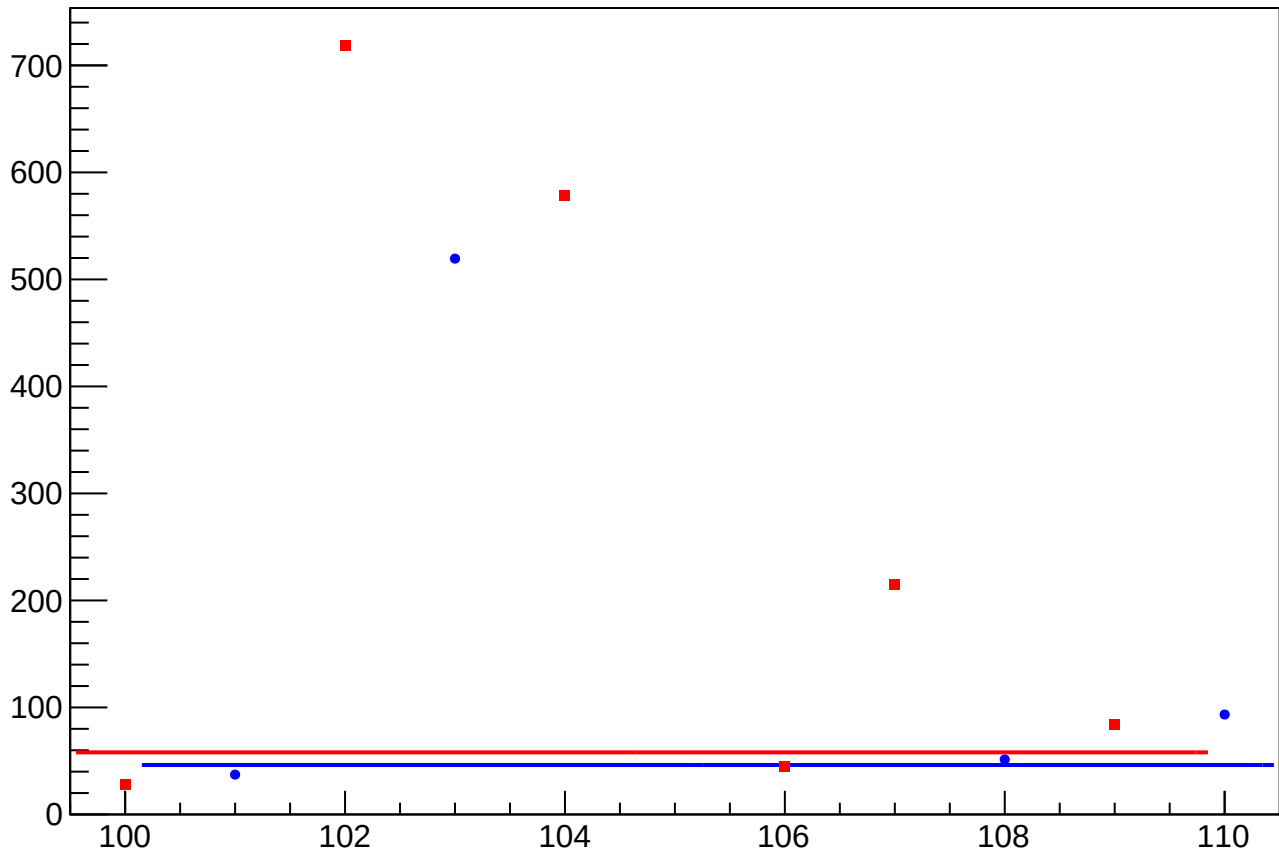
Right: 0.008 $\pm$ 0.035 χ^2 /NDF: 9.6/9

In: -0.004 $\pm$ 0.042 χ^2 /NDF:6.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.035 χ^2 /NDF: 9.6/9

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.214+/-0.030 χ^2/NDF : 1209904.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.028+/-0.046 χ^2/NDF : 2011837.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

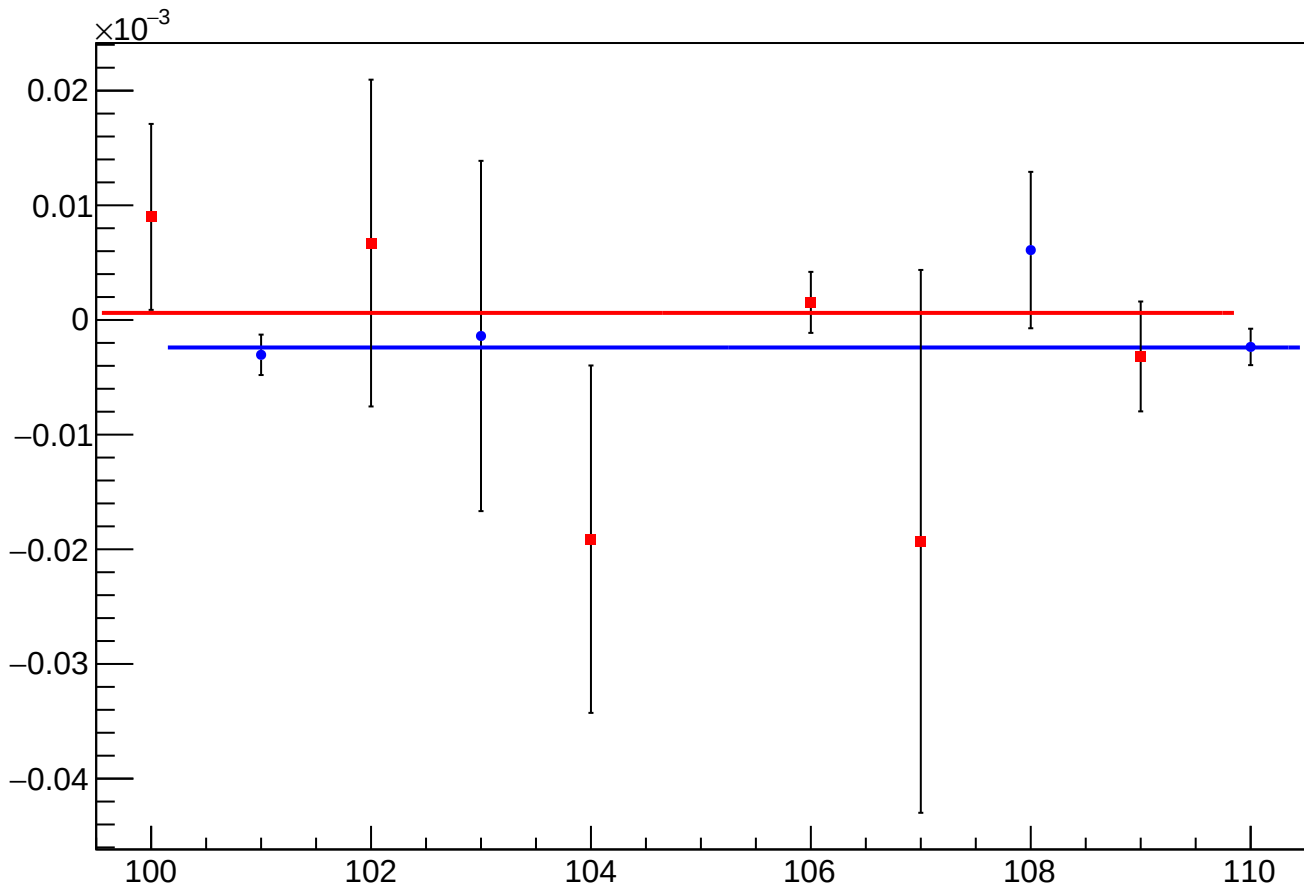
Right: 49.718+/-0.025 χ^2/NDF : 3268630.2/9

In: 46.214+/-0.030 χ^2/NDF : 1209904.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.718+/-0.025 χ^2/NDF : 3268630.2/9

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

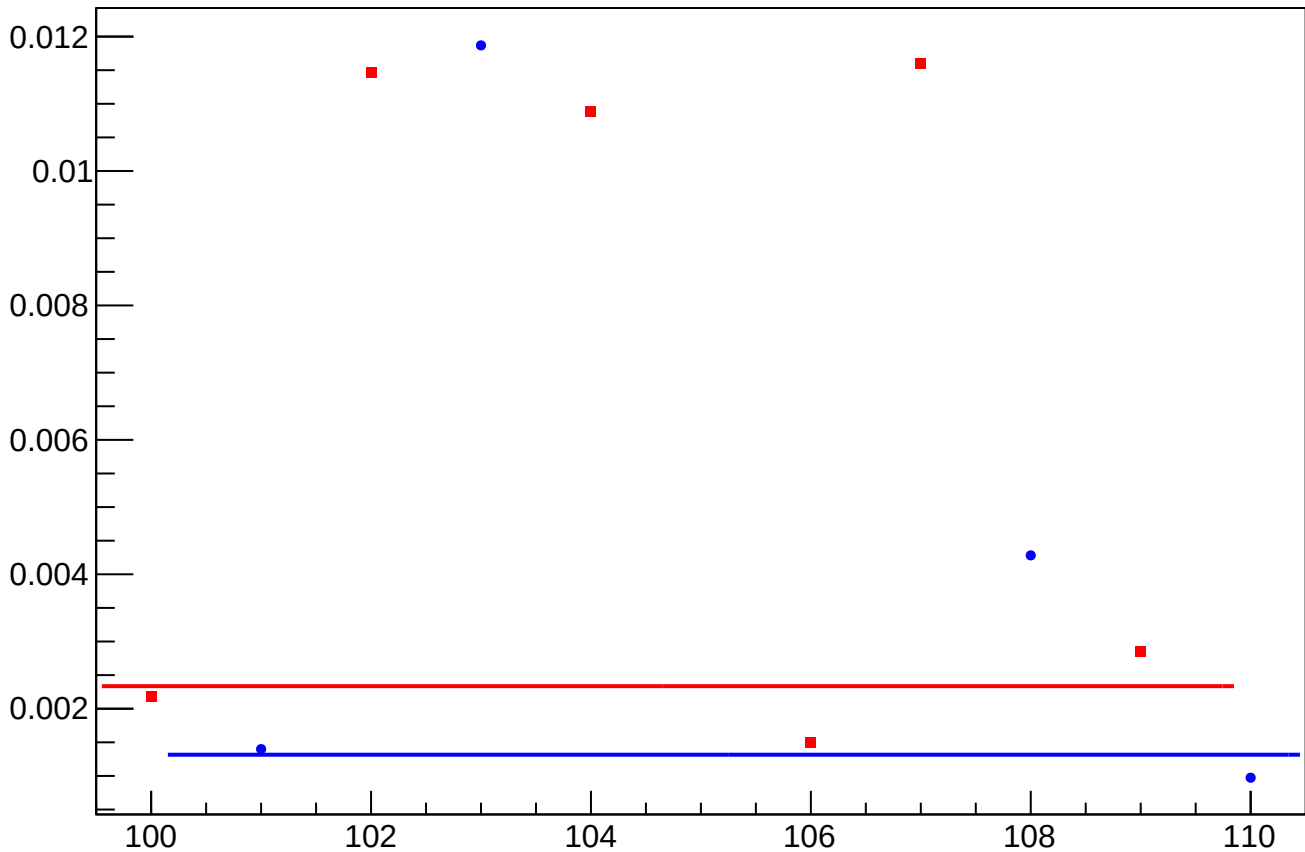
Right: -0.000+/-0.000 χ^2/NDF : 7.6/9

In: -0.000+/-0.000 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.6/9

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1430311.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1989707.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

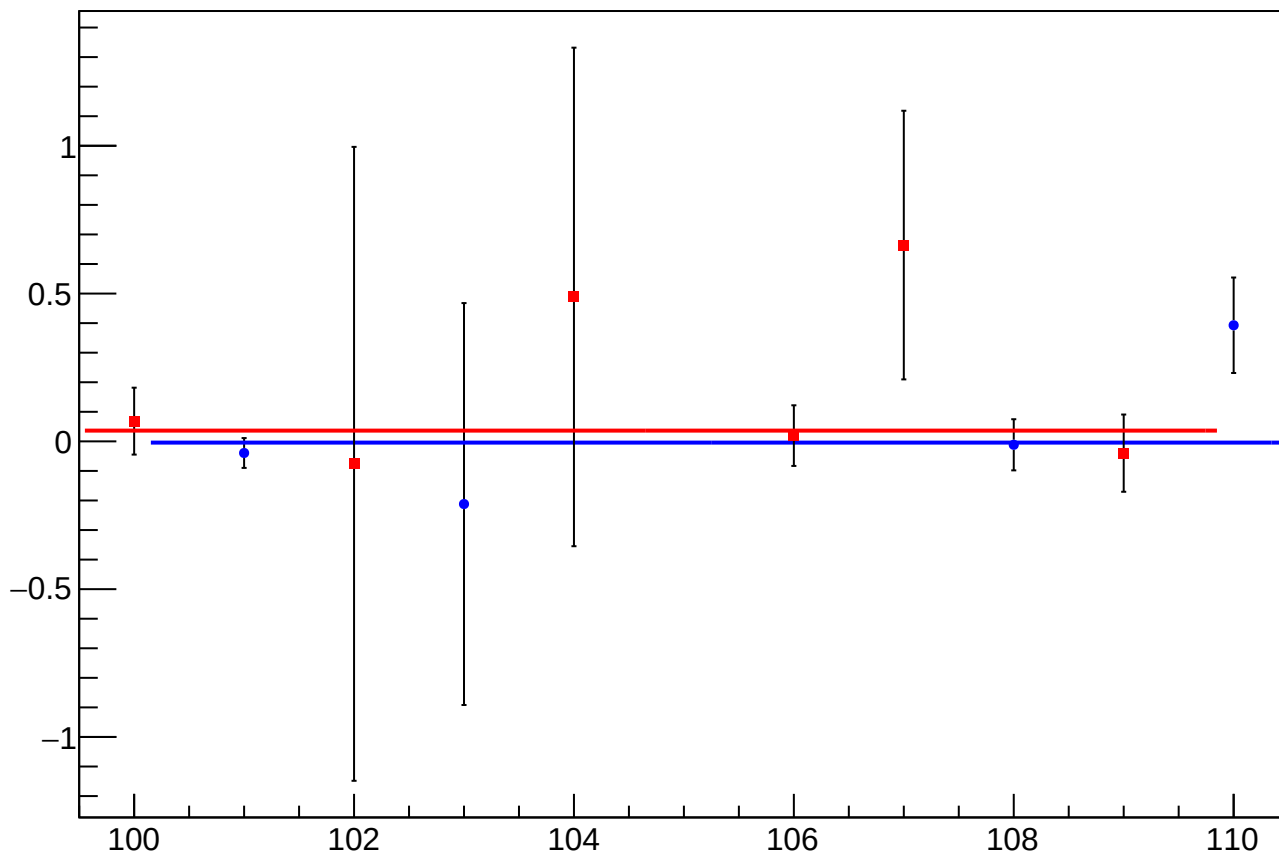
Right: 0.002+/-0.000 χ^2/NDF : 3762176.2/9

In: 0.001+/-0.000 χ^2/NDF : 1430311.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3762176.2/9

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.042 χ^2/NDF : 6.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.036 ± 0.065 χ^2/NDF : 2.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

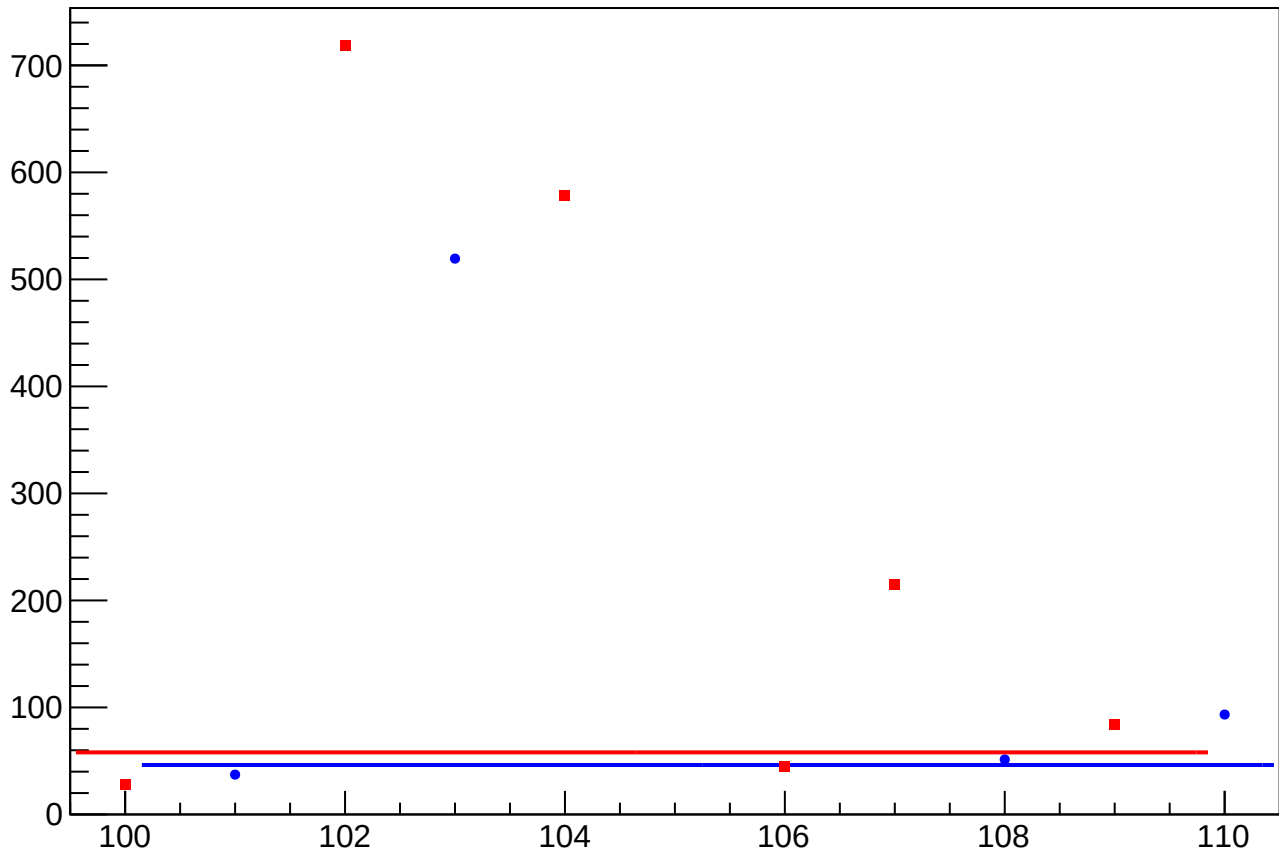
Right: 0.008 ± 0.035 χ^2/NDF : 9.6/9

In: -0.004 ± 0.042 χ^2/NDF : 6.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.008 ± 0.035 χ^2/NDF : 9.6/9

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.215+/-0.030 χ^2/NDF : 1209898.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.027+/-0.046 χ^2/NDF : 2011830.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

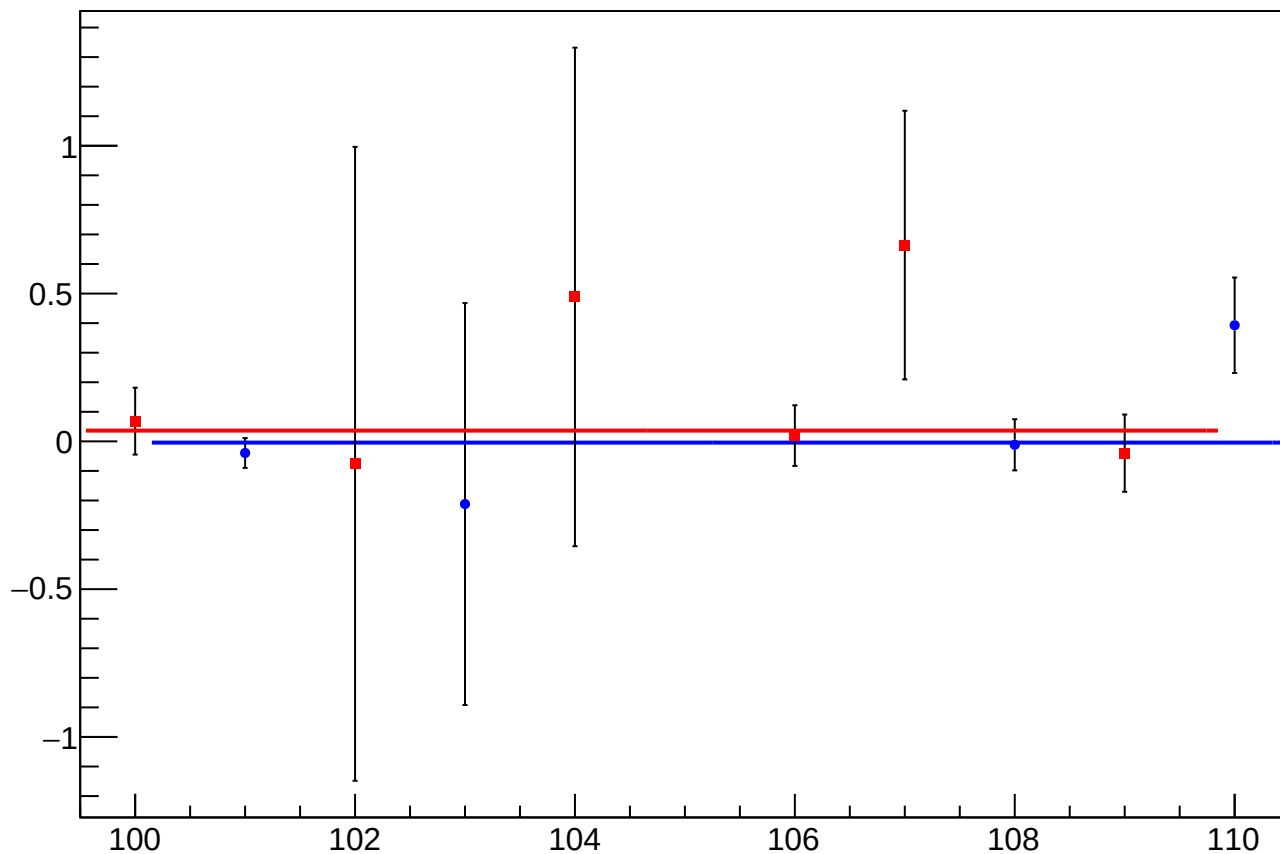
Right: 49.718+/-0.025 χ^2/NDF : 3268606.7/9

In: 46.215+/-0.030 χ^2/NDF : 1209898.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.718+/-0.025 χ^2/NDF : 3268606.7/9

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.042 χ^2 /NDF: 6.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.036 $\pm$ 0.065 χ^2 /NDF: 2.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

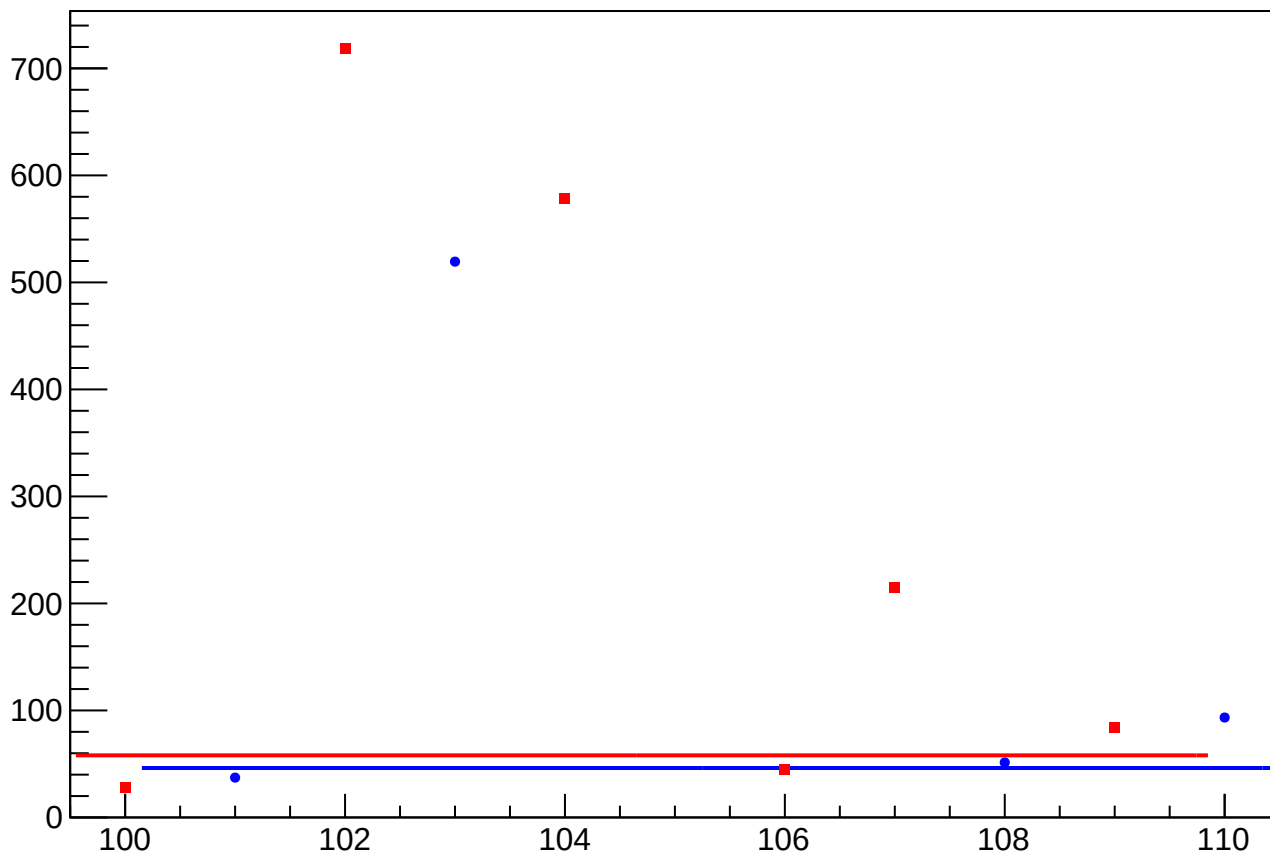
Right: 0.008 $\pm$ 0.035 χ^2 /NDF: 9.6/9

In: -0.004 $\pm$ 0.042 χ^2 /NDF:6.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.035 χ^2 /NDF: 9.6/9

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.215+/-0.030 χ^2/NDF : 1209898.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.027+/-0.046 χ^2/NDF : 2011830.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

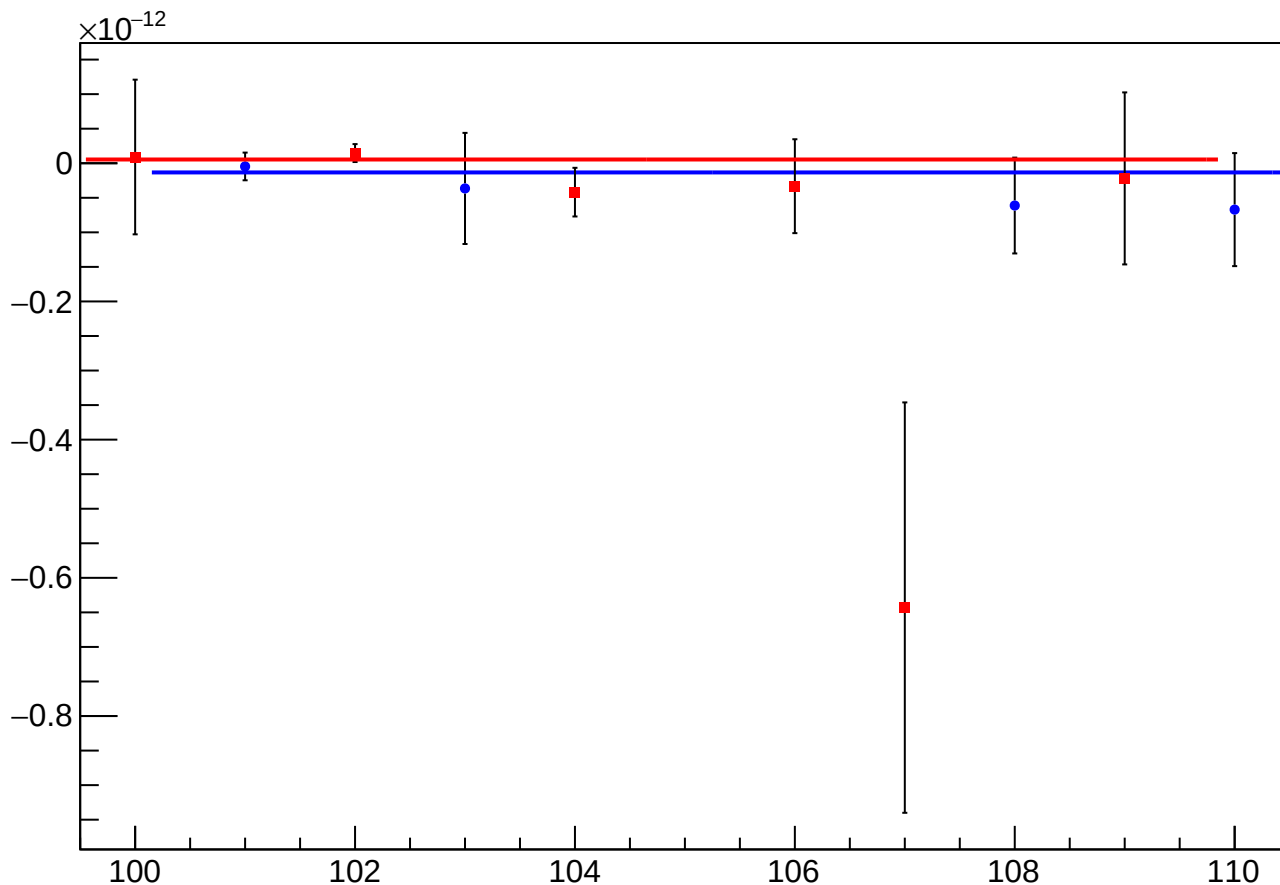
Right: 49.718+/-0.025 χ^2/NDF : 3268606.7/9

In: 46.215+/-0.030 χ^2/NDF : 1209898.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.718+/-0.025 χ^2/NDF : 3268606.7/9

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

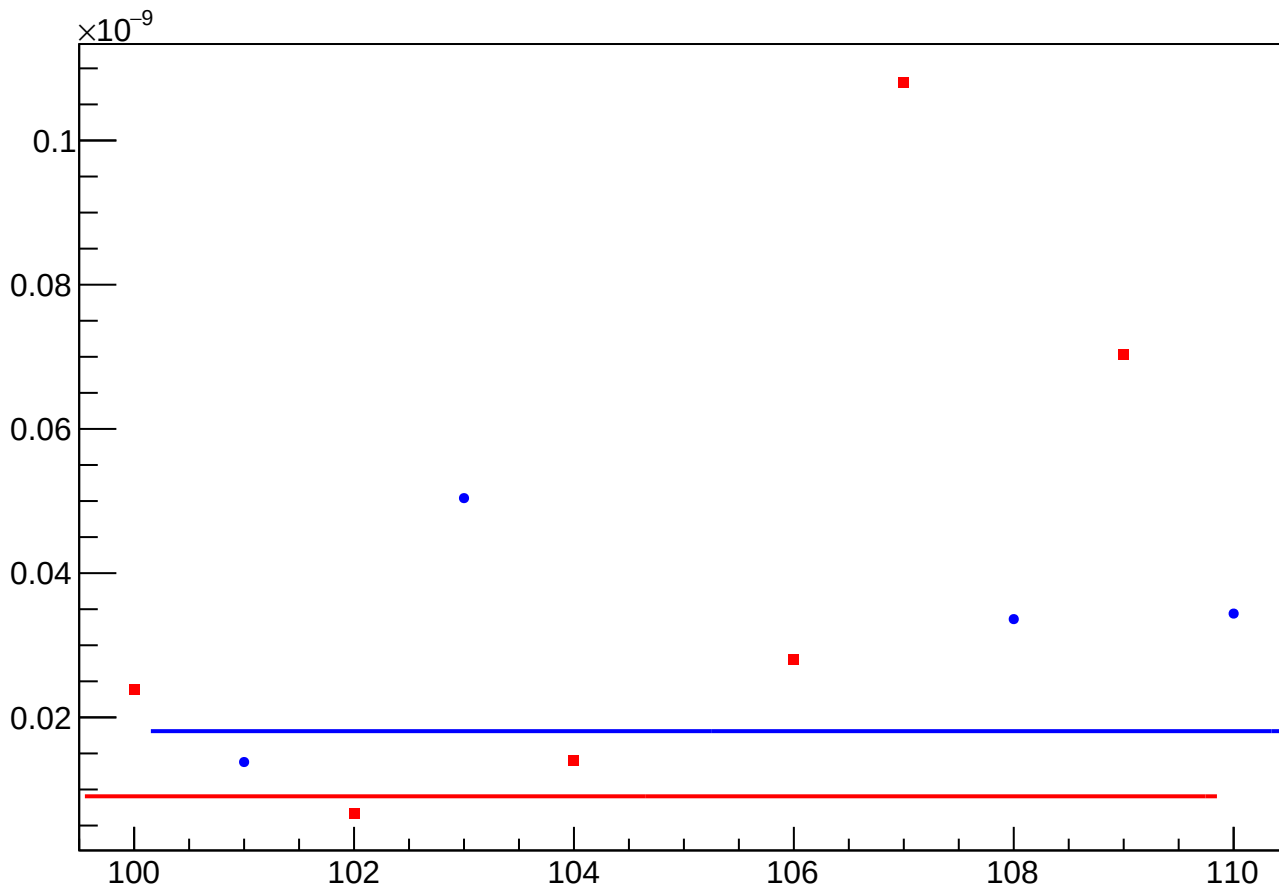
Right: -0.000+/-0.000 χ^2/NDF : 9.4/9

In: -0.000+/-0.000 χ^2/NDF : 1.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.4/9

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 594262.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1006151.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

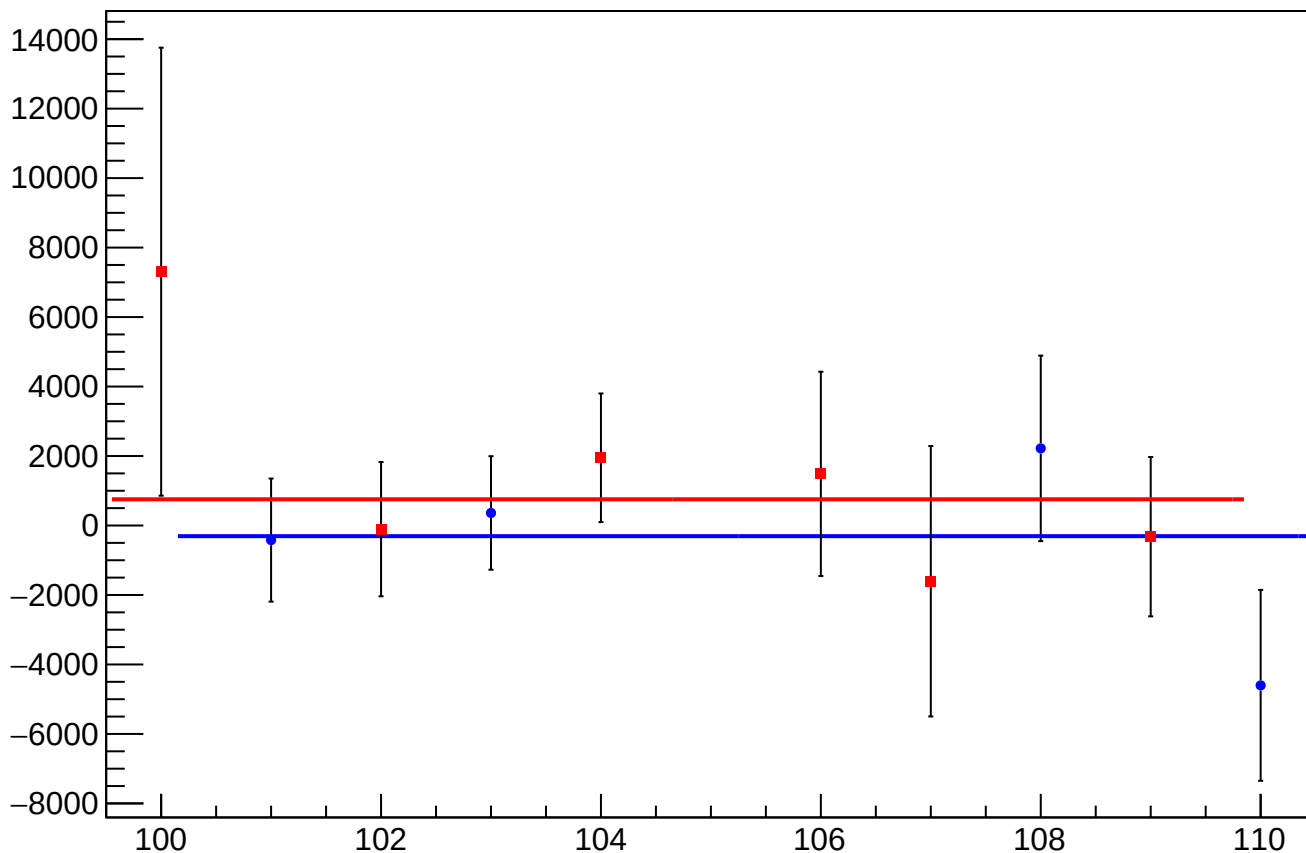
Right: 0.000+/-0.000 χ^2/NDF : 1945280.6/9

In: 0.000+/-0.000 χ^2/NDF : 594262.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1945280.6/9

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -306.867+/-1017.526 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 754.370+/-1023.053 χ^2/NDF : 2.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

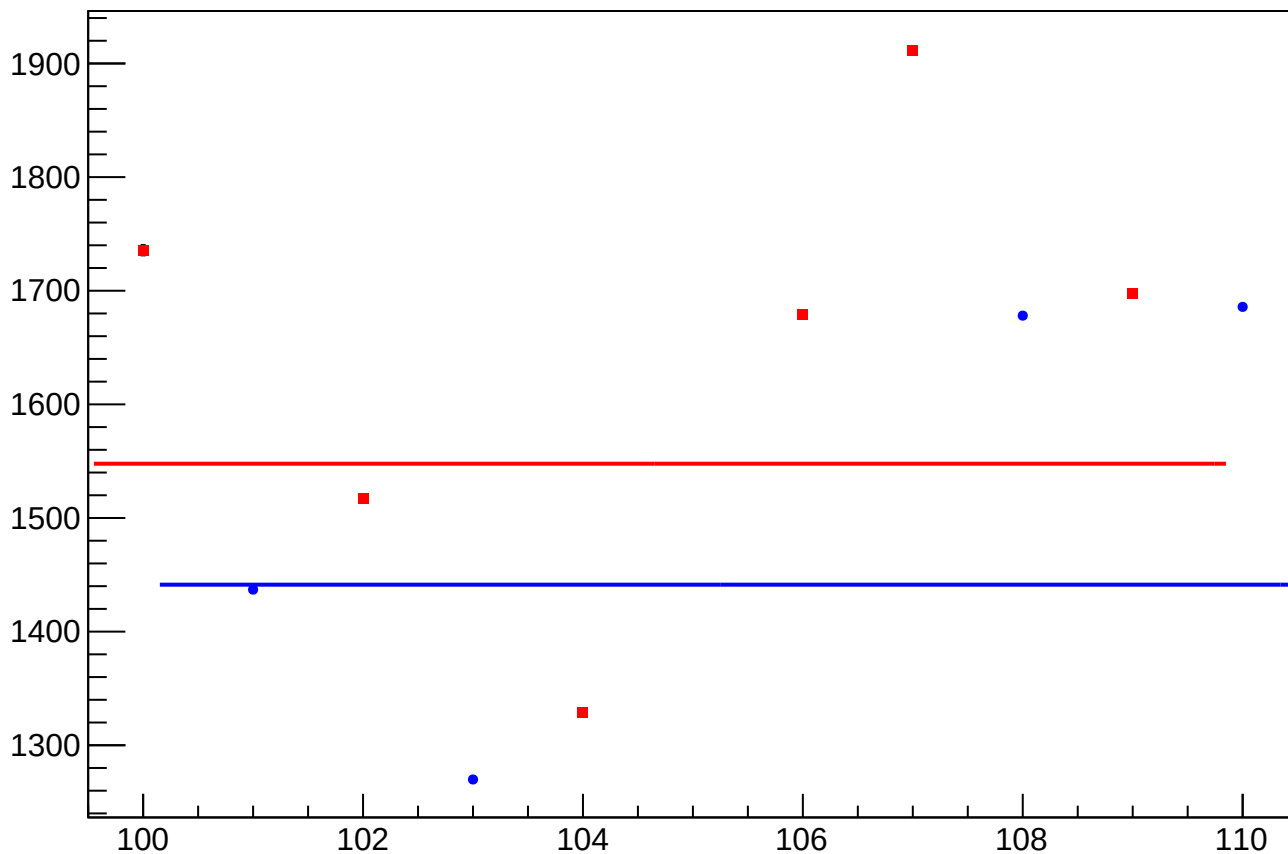
Right: 220.877+/-721.446 χ^2/NDF : 6.3/9

In: -306.867+/-1017.526 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 220.877+/-721.446 χ^2/NDF : 6.3/9

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1441.312+/-0.719 χ^2/NDF : 53604.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1547.766+/-0.723 χ^2/NDF : 60199.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

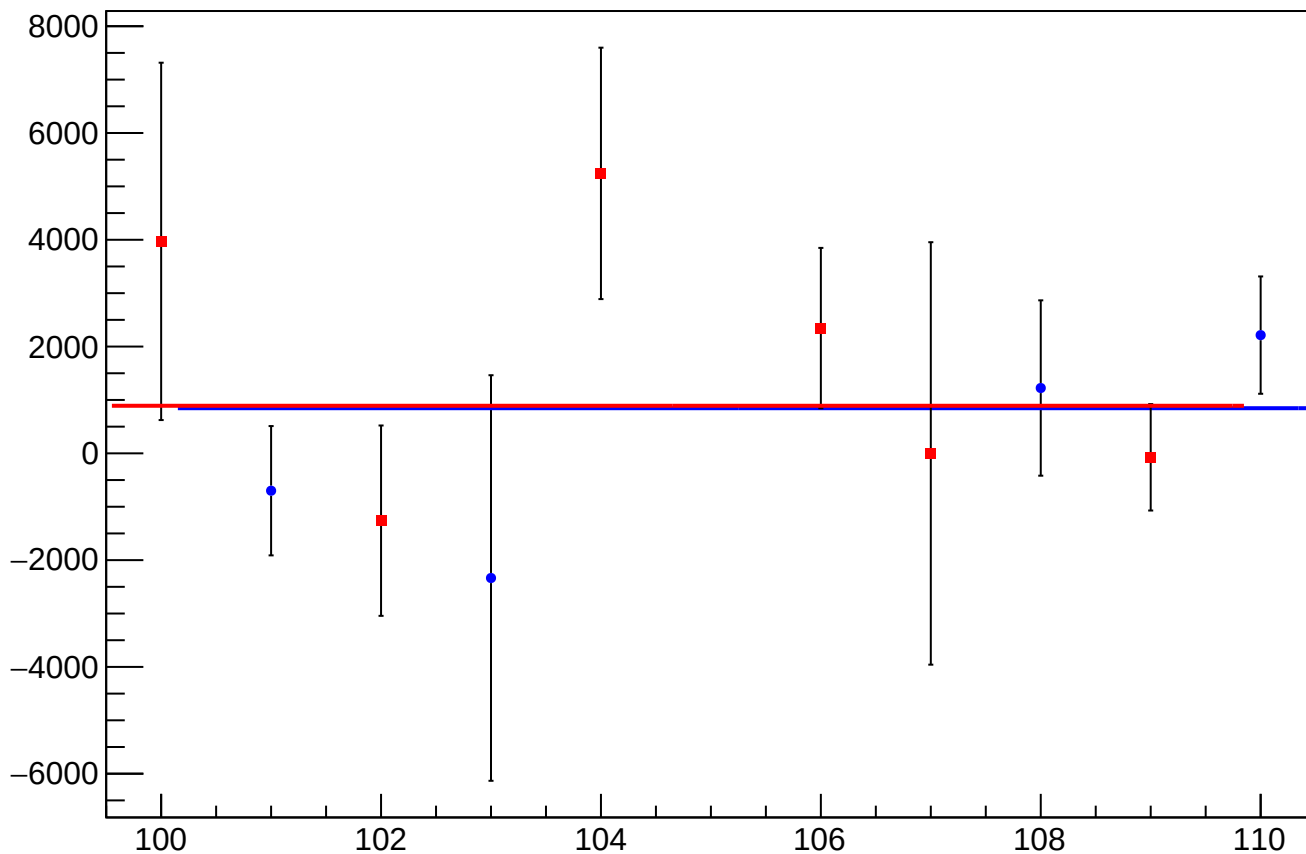
Right: 1494.251+/-0.510 χ^2/NDF : 124689.3/9

In: 1441.312+/-0.719 χ^2/NDF : 53604.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1494.251+/-0.510 χ^2/NDF : 124689.3/9

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 845.393+/-716.032 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 891.085+/-690.375 χ^2/NDF : 7.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

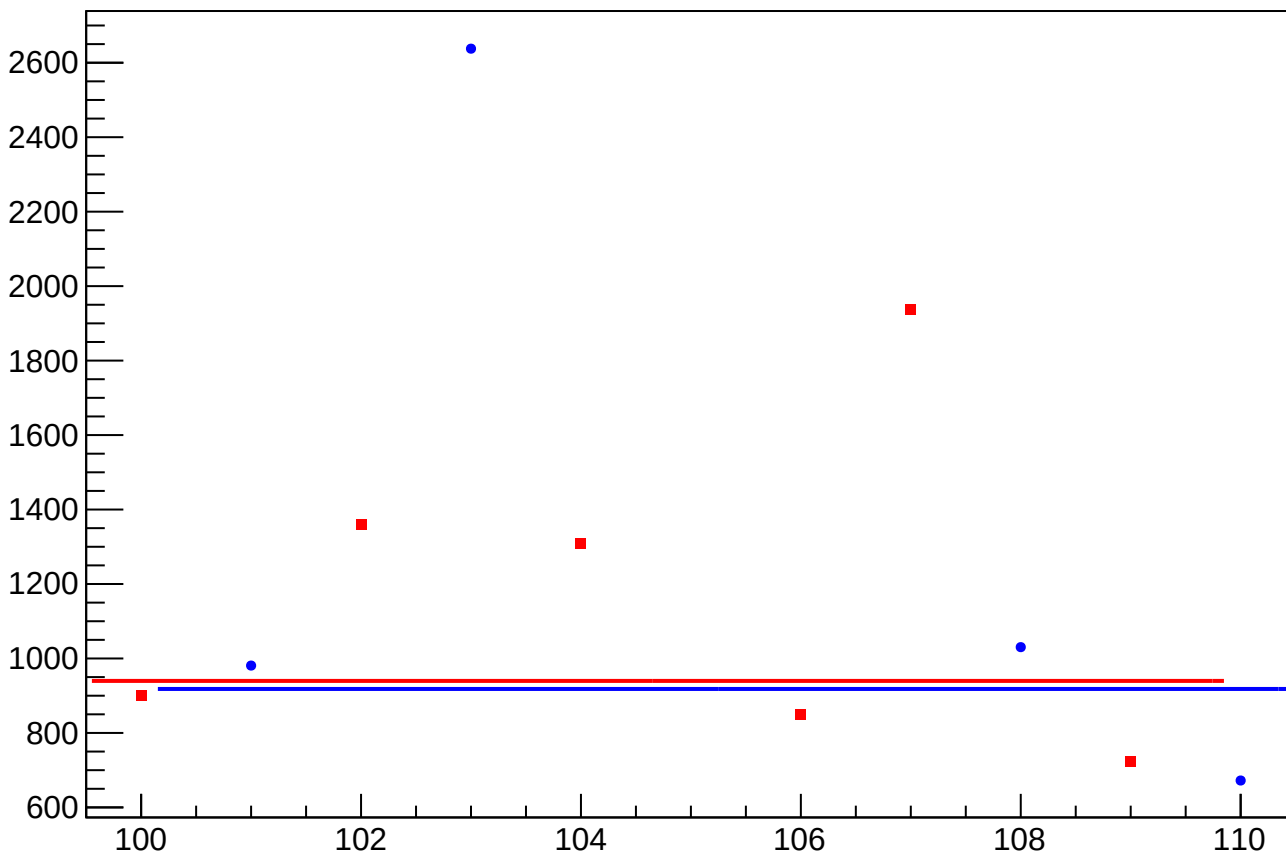
Right: 869.072+/-496.992 χ^2/NDF : 11.6/9

In: 845.393+/-716.032 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 869.072+/-496.992 χ^2/NDF : 11.6/9

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 918.127+/-0.506 χ^2/NDF : 524880.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 939.744+/-0.488 χ^2/NDF : 389844.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

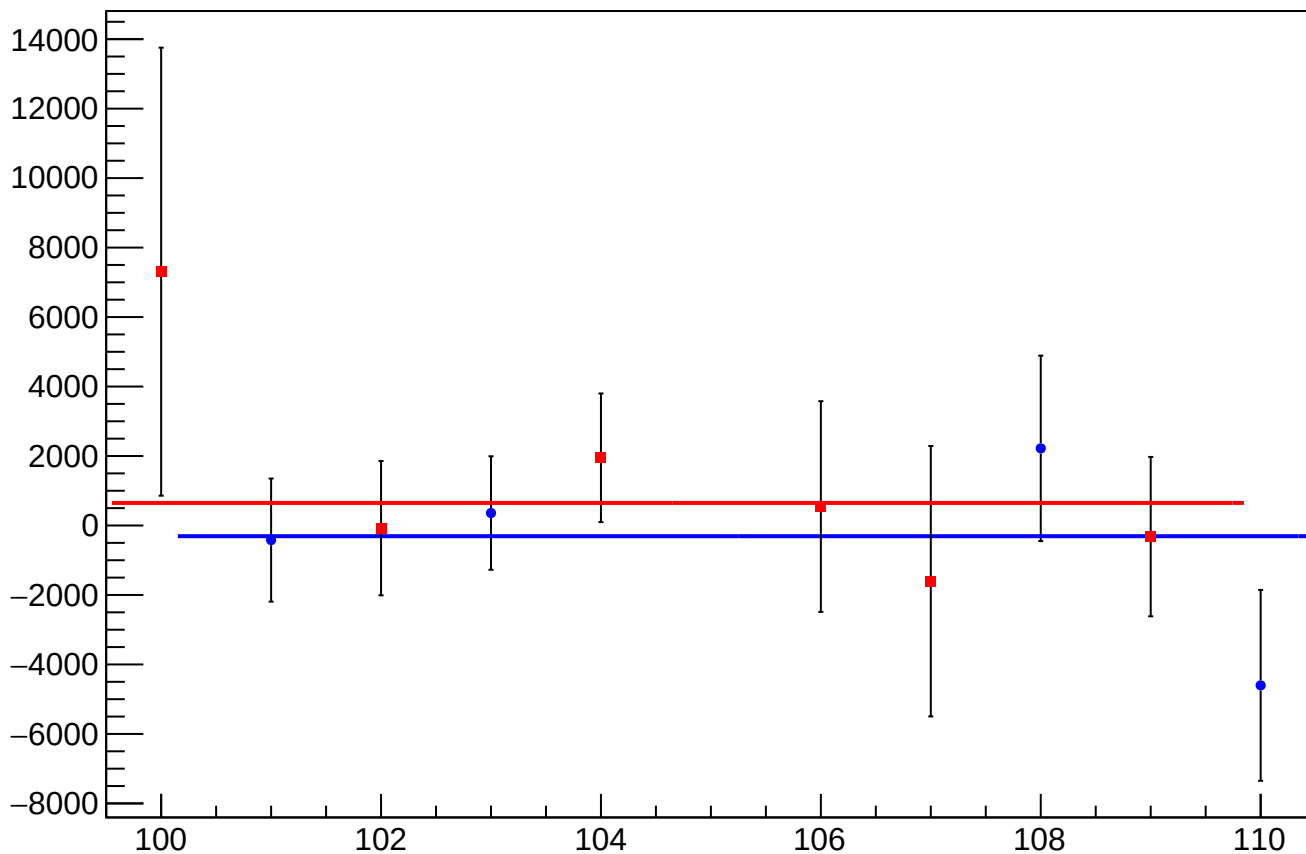
Right: 929.330+/-0.351 χ^2/NDF : 915669.9/9

In: 918.127+/-0.506 χ^2/NDF : 524880.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 929.330+/-0.351 χ^2/NDF : 915669.9/9

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -307.906+/-1017.526 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 649.818+/-1026.821 χ^2/NDF : 2.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

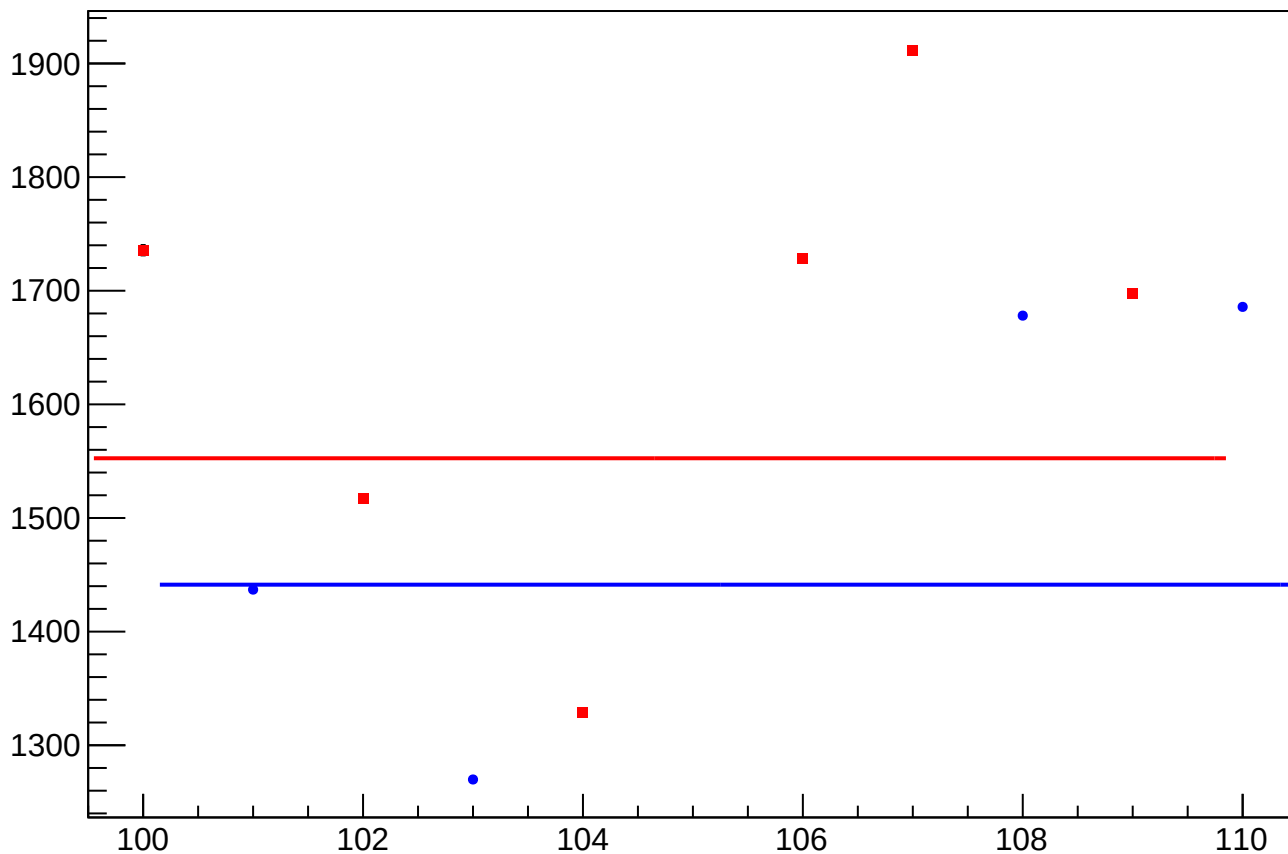
Right: 166.602+/-722.764 χ^2/NDF : 6.2/9

In: -307.906+/-1017.526 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.602+/-722.764 χ^2/NDF : 6.2/9

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1441.313+/-0.719 χ^2/NDF : 53604.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1552.562+/-0.726 χ^2/NDF : 63287.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

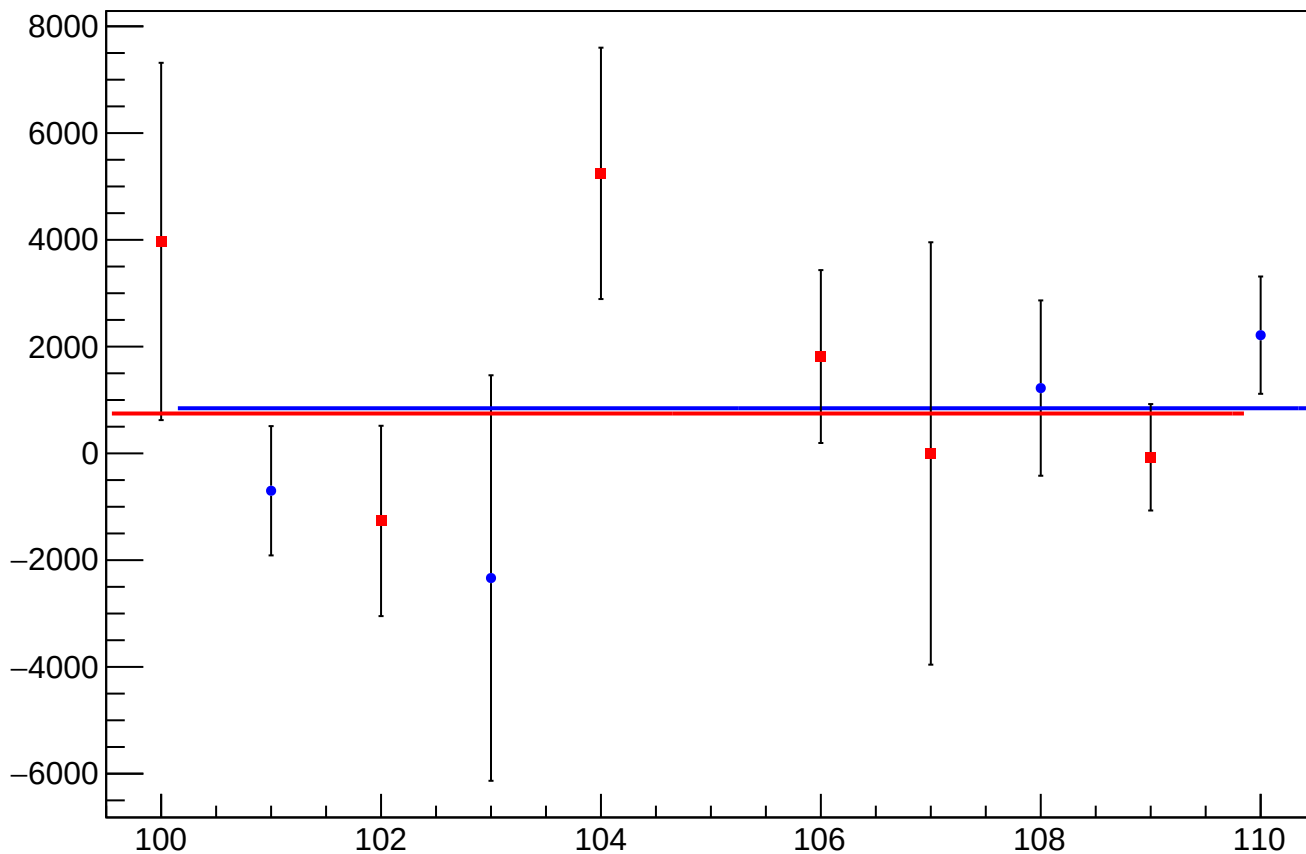
Right: 1496.432+/-0.511 χ^2/NDF : 128736.9/9

In: 1441.313+/-0.719 χ^2/NDF : 53604.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1496.432+/-0.511 χ^2/NDF : 128736.9/9

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 845.317+/-716.032 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 746.898+/-700.877 χ^2/NDF : 7.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

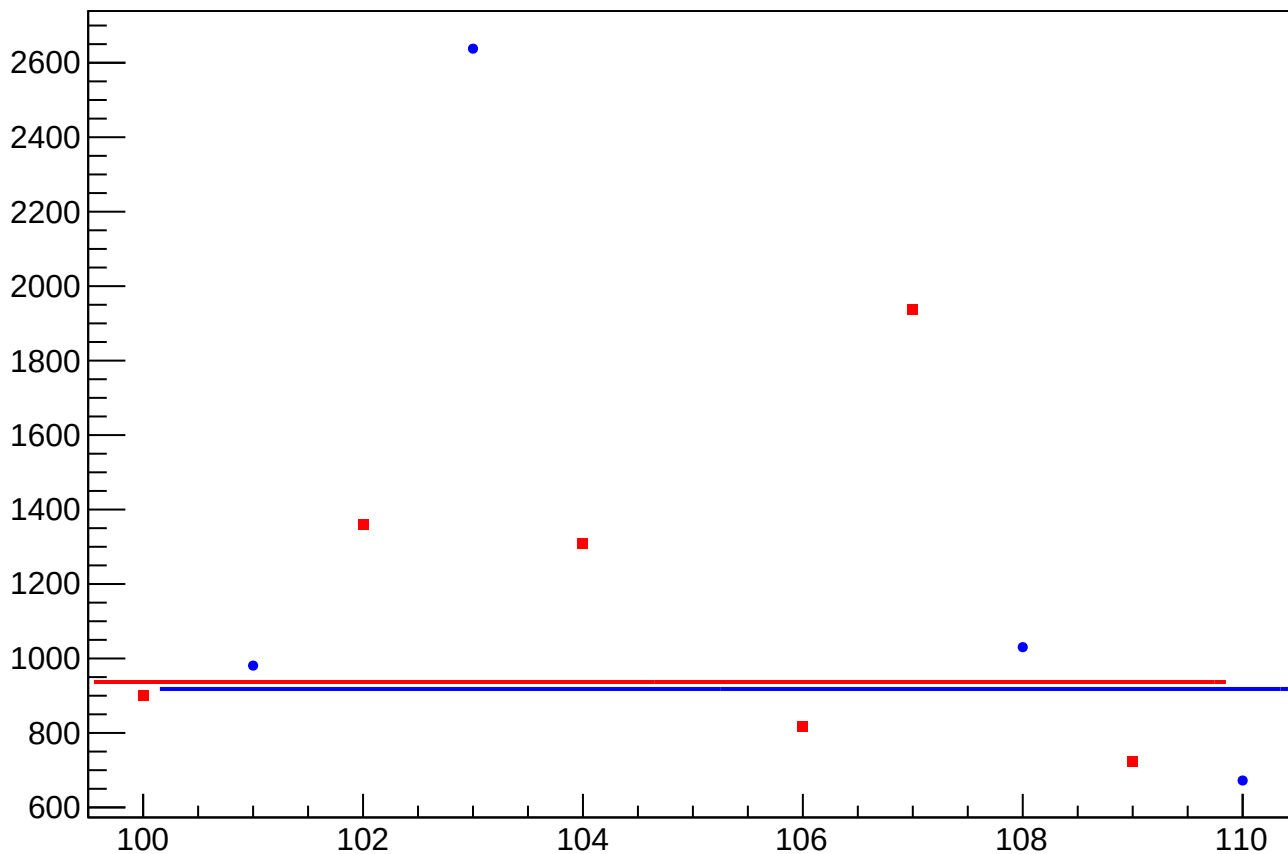
Right: 795.055+/-500.867 χ^2/NDF : 10.9/9

In: 845.317+/-716.032 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 795.055+/-500.867 χ^2/NDF : 10.9/9

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 918.125+/-0.506 χ^2/NDF : 524867.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 936.839+/-0.496 χ^2/NDF : 393792.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

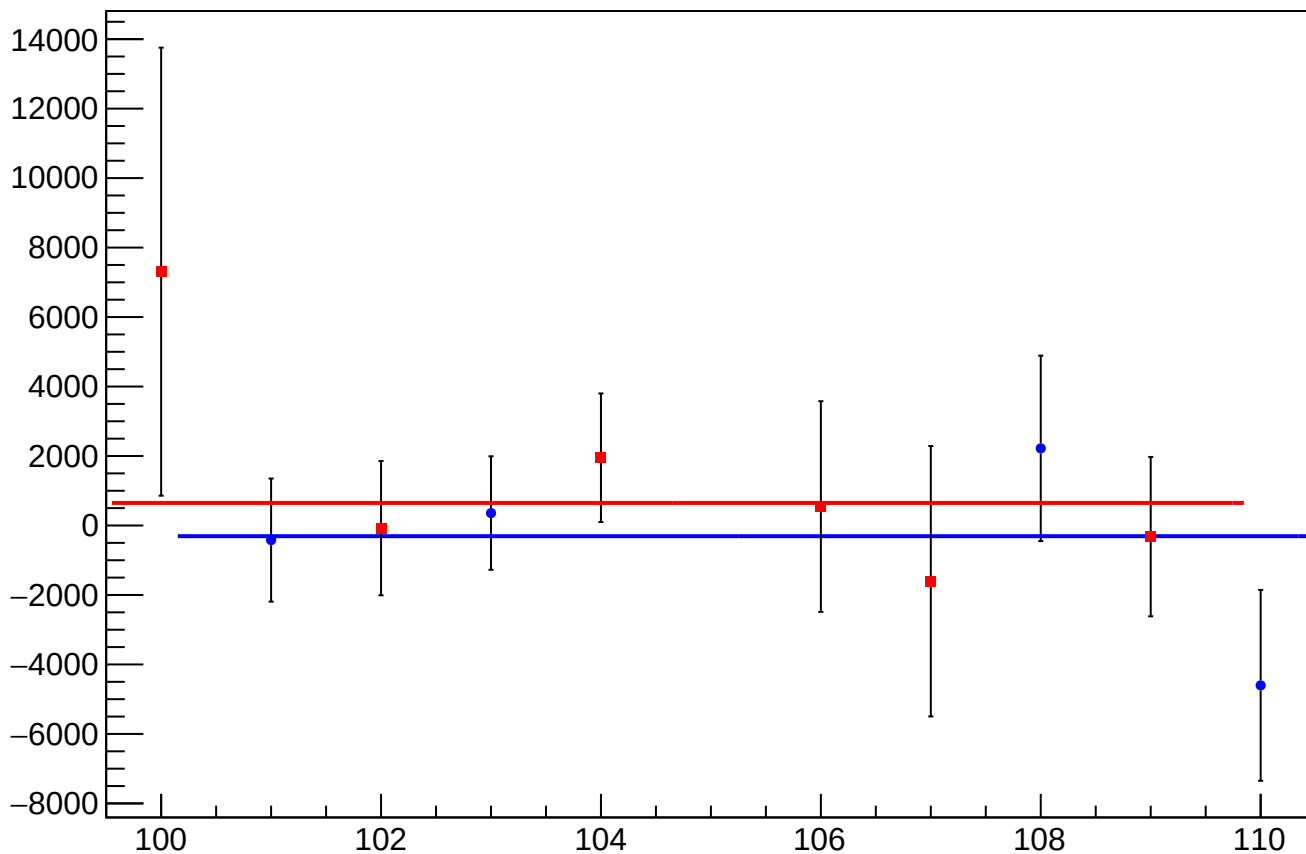
Right: 927.682+/-0.354 χ^2/NDF : 919357.9/9

In: 918.125+/-0.506 χ^2/NDF : 524867.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.682+/-0.354 χ^2/NDF : 919357.9/9

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -307.906+/-1017.526 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 649.818+/-1026.821 χ^2/NDF : 2.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

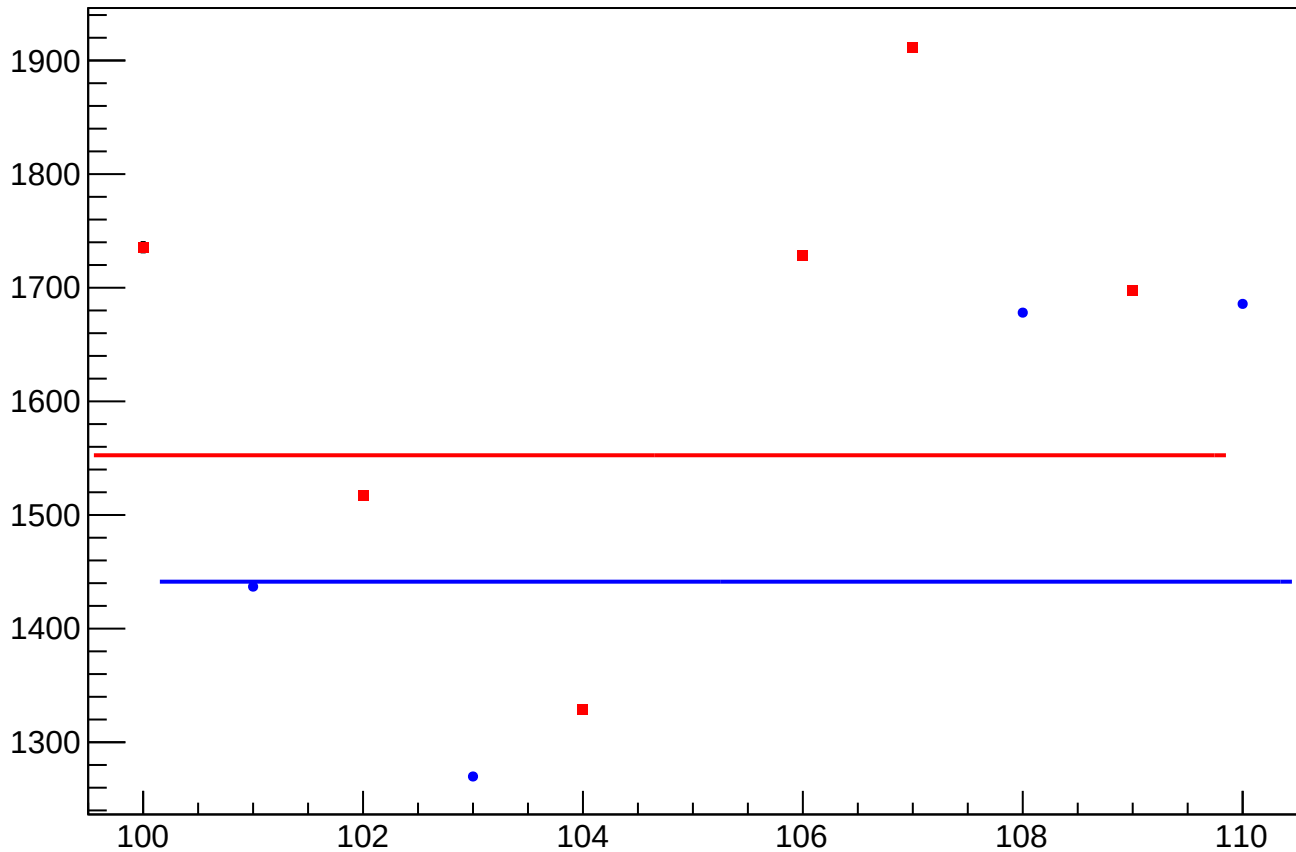
Right: 166.602+/-722.764 χ^2/NDF : 6.2/9

In: -307.906+/-1017.526 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.602+/-722.764 χ^2/NDF : 6.2/9

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1441.313+/-0.719 χ^2/NDF : 53604.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1552.562+/-0.726 χ^2/NDF : 63287.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

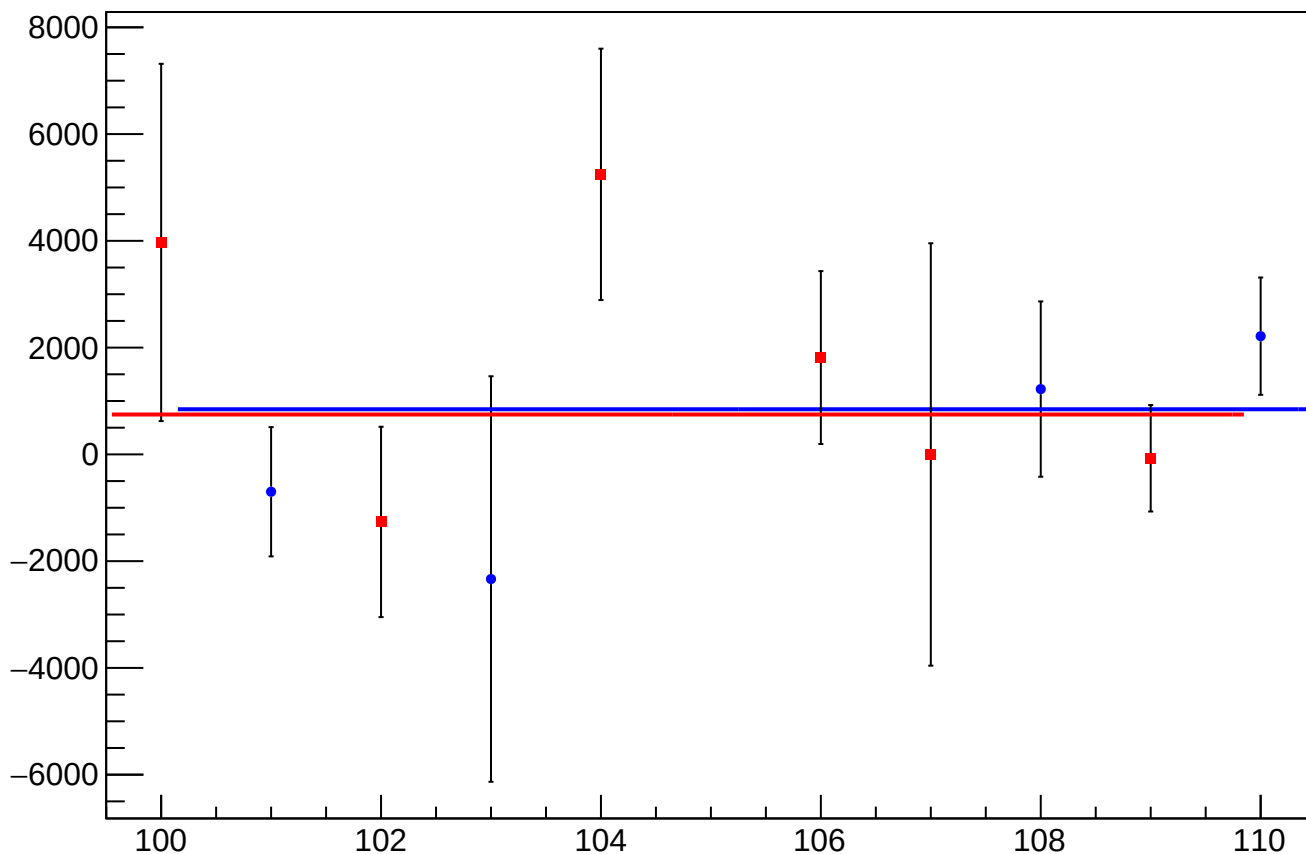
Right: 1496.432+/-0.511 χ^2/NDF : 128736.9/9

In: 1441.313+/-0.719 χ^2/NDF : 53604.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1496.432+/-0.511 χ^2/NDF : 128736.9/9

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 845.317+/-716.032 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 746.898+/-700.877 χ^2/NDF : 7.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

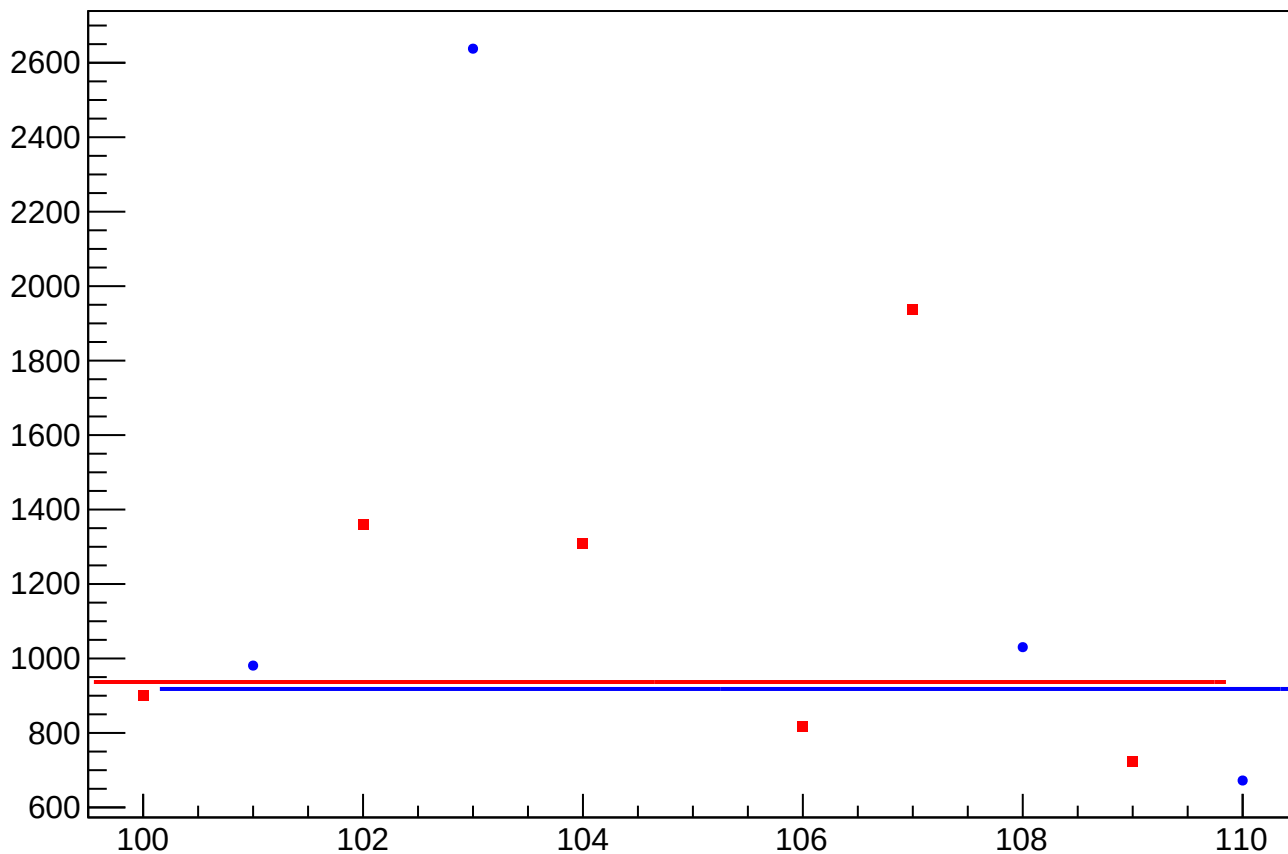
Right: 795.055+/-500.867 χ^2/NDF : 10.9/9

In: 845.317+/-716.032 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 795.055+/-500.867 χ^2/NDF : 10.9/9

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 918.125+/-0.506 χ^2/NDF : 524867.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 936.839+/-0.496 χ^2/NDF : 393792.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

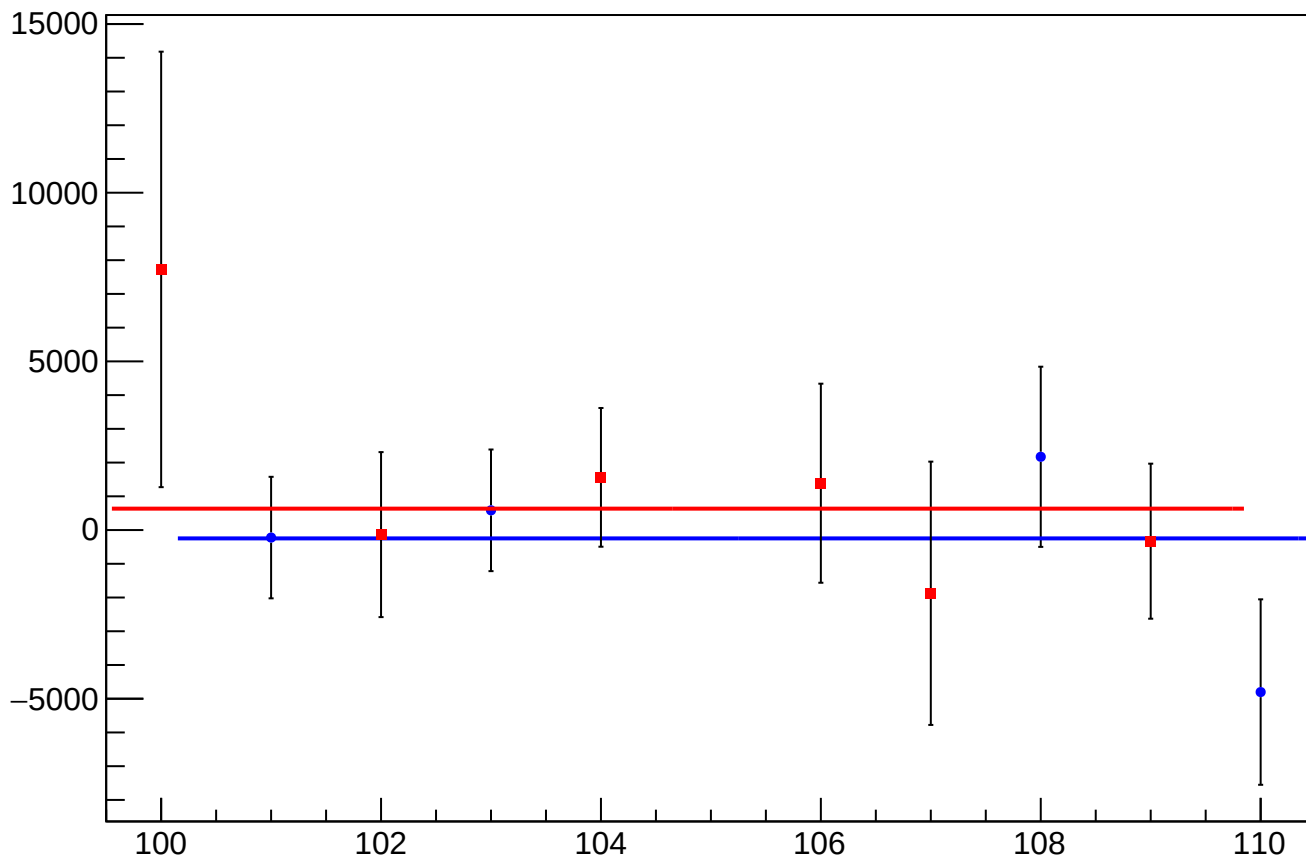
Right: 927.682+/-0.354 χ^2/NDF : 919357.9/9

In: 918.125+/-0.506 χ^2/NDF : 524867.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.682+/-0.354 χ^2/NDF : 919357.9/9

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -247.502+/-1060.880 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 634.652+/-1119.709 χ^2/NDF : 2.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

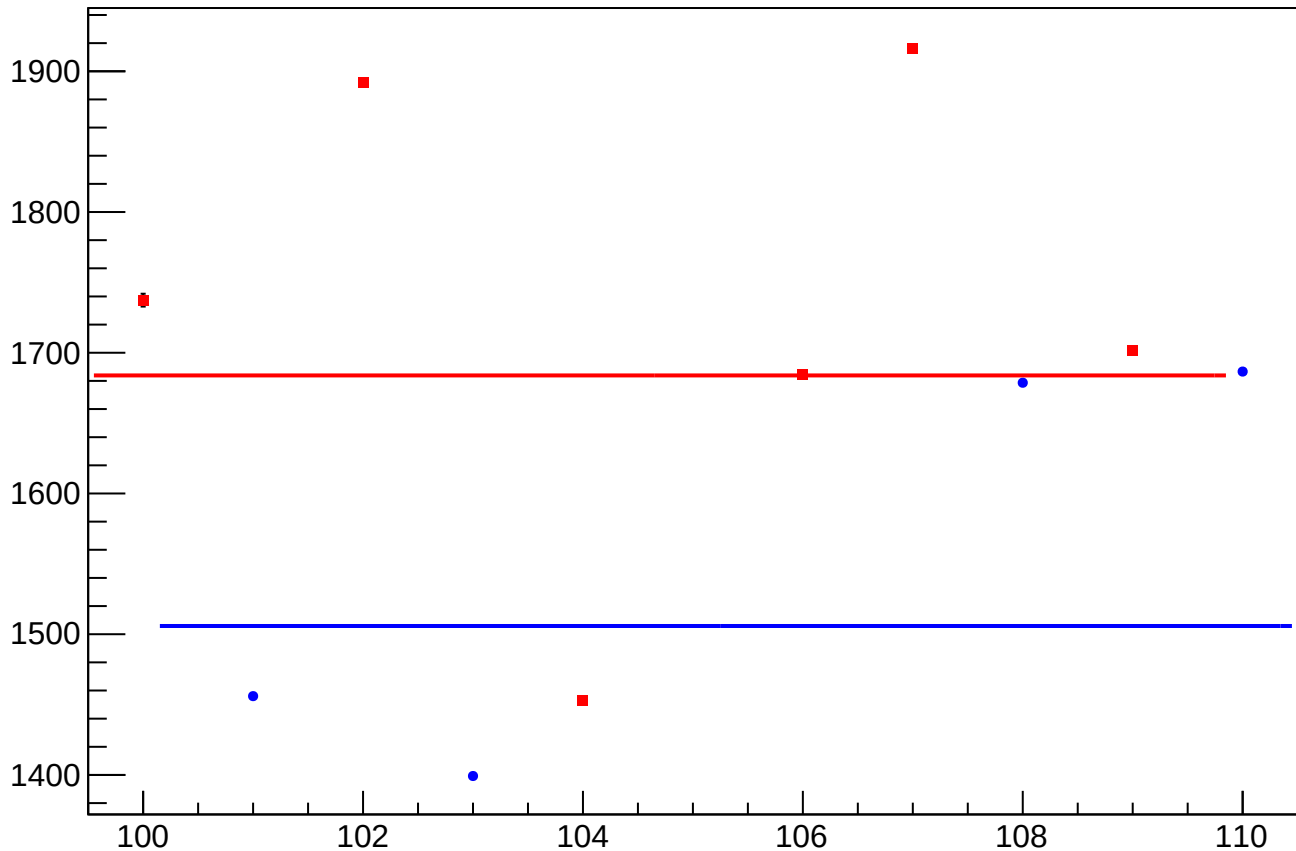
Right: 169.793+/-770.113 χ^2/NDF : 6.3/9

In: -247.502+/-1060.880 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.793+/-770.113 χ^2/NDF : 6.3/9

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1505.844+/-0.750 χ^2/NDF : 25552.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1683.886+/-0.792 χ^2/NDF : 47059.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

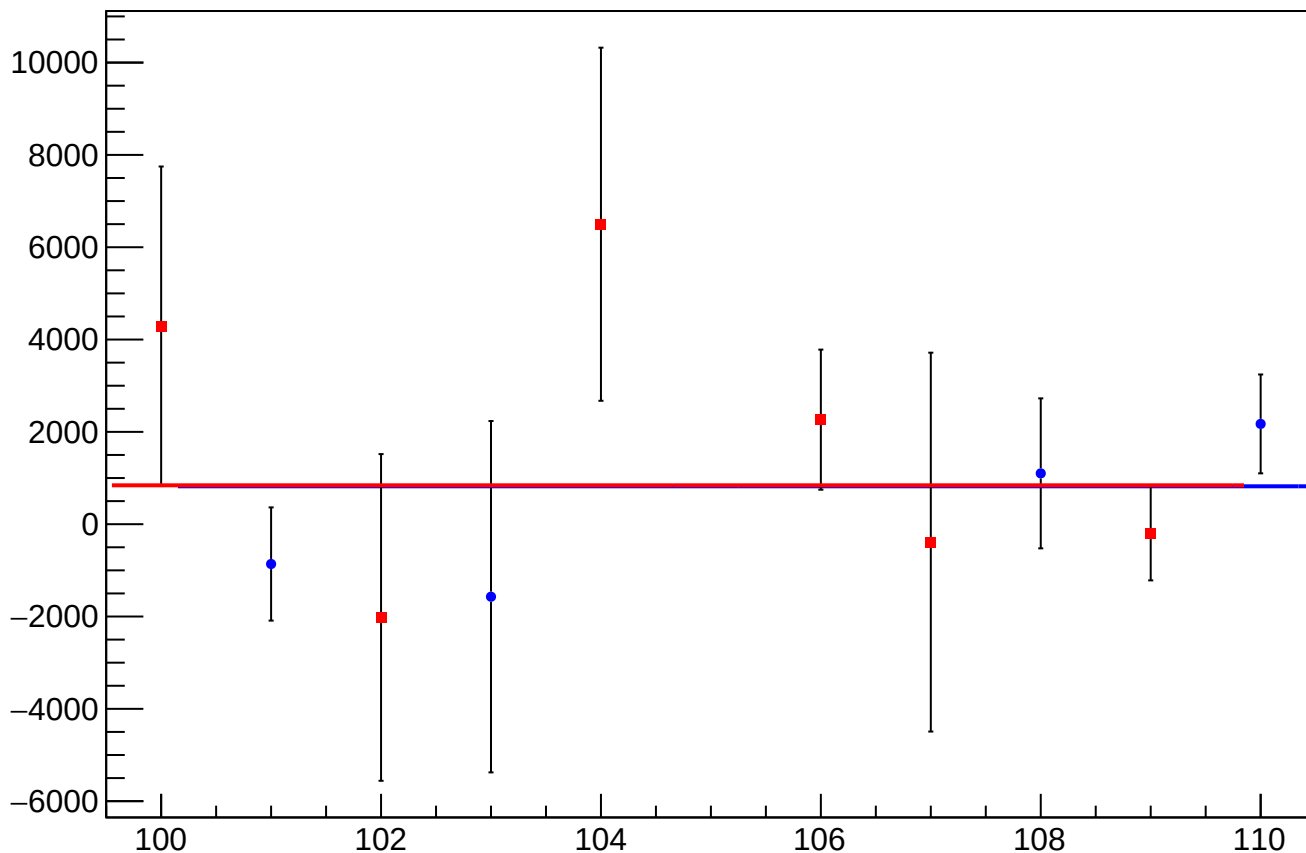
Right: 1590.065+/-0.545 χ^2/NDF : 99259.4/9

In: 1505.844+/-0.750 χ^2/NDF : 25552.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1590.065+/-0.545 χ^2/NDF : 99259.4/9

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 821.004+/-709.815 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 842.320+/-771.304 χ^2/NDF : 5.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

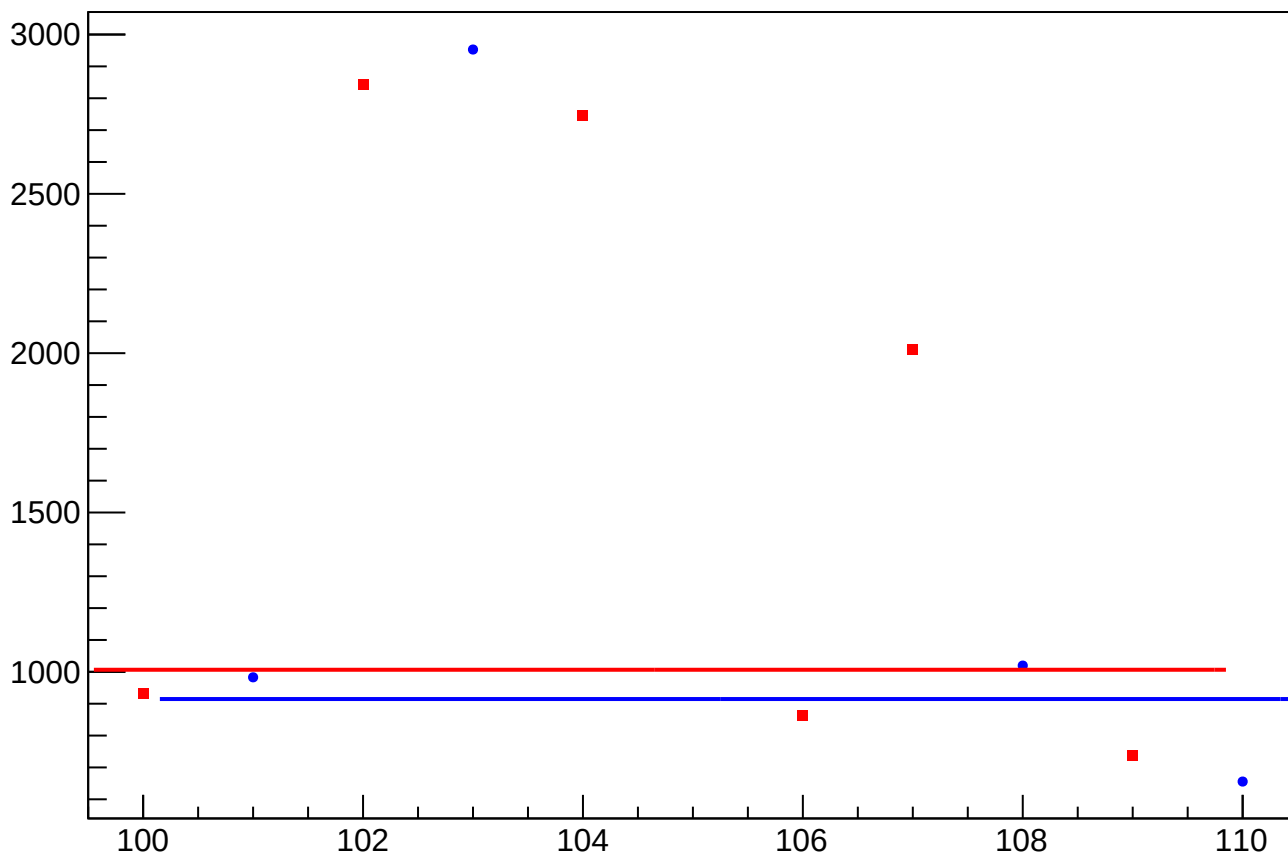
Right: 830.779+/-522.302 χ^2/NDF : 9.7/9

In: 821.004+/-709.815 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.779+/-522.302 χ^2/NDF : 9.7/9

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 914.648+/-0.502 χ^2/NDF : 705139.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1006.516+/-0.545 χ^2/NDF : 1229080.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

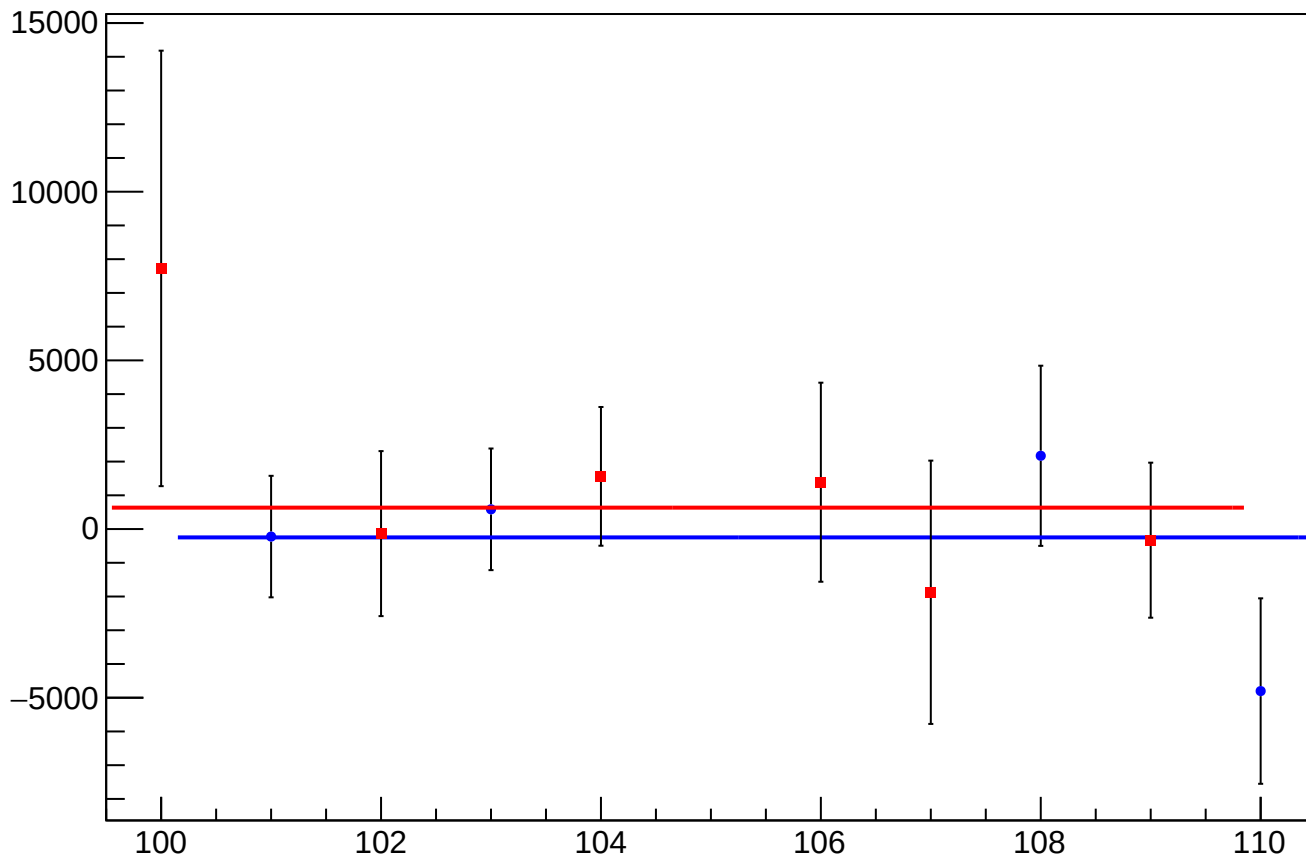
Right: 956.775+/-0.369 χ^2/NDF : 1949581.6/9

In: 914.648+/-0.502 χ^2/NDF : 705139.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.775+/-0.369 χ^2/NDF : 1949581.6/9

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -247.498+/-1060.879 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 634.653+/-1119.709 χ^2/NDF : 2.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

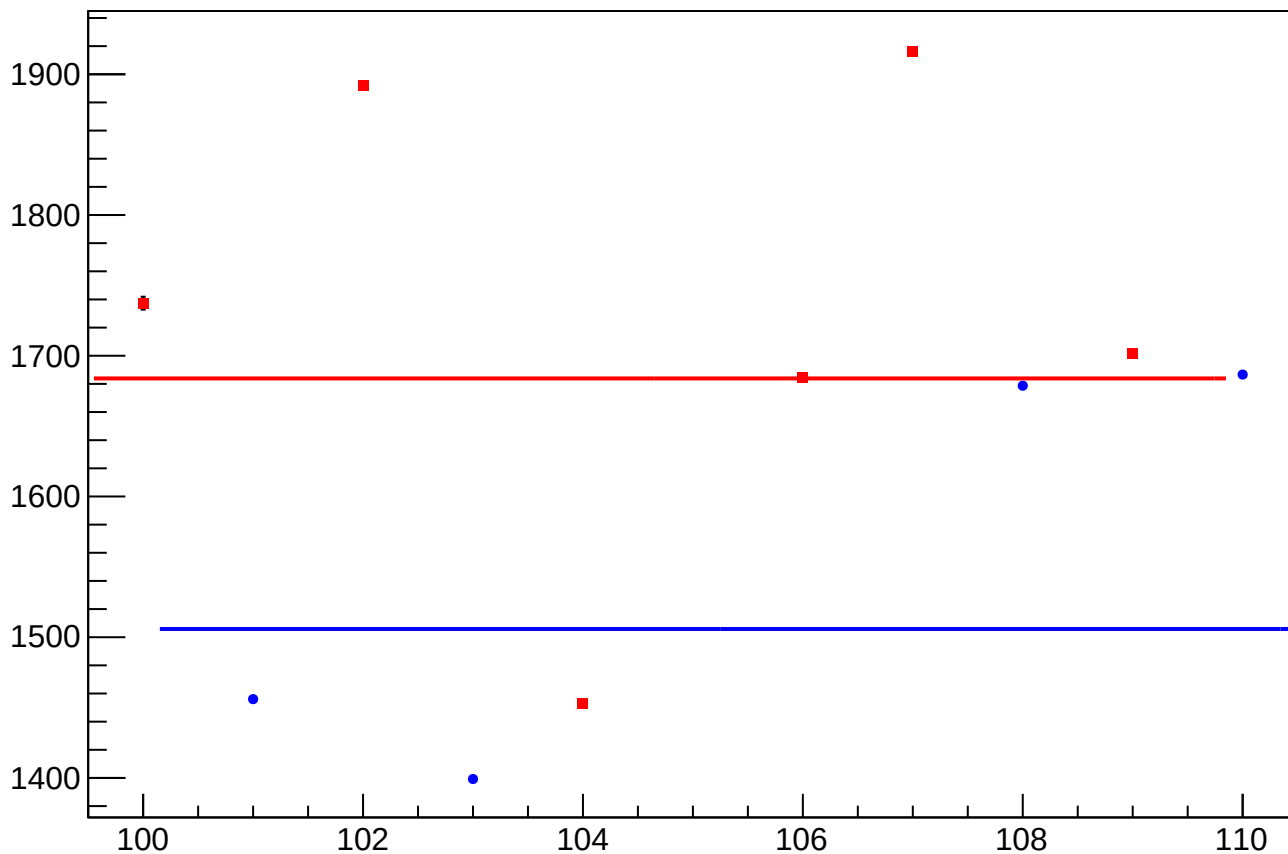
Right: 169.796+/-770.113 χ^2/NDF : 6.3/9

In: -247.498+/-1060.879 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.796+/-770.113 χ^2/NDF : 6.3/9

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1505.843+/-0.750 χ^2/NDF : 25553.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1683.885+/-0.792 χ^2/NDF : 47060.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

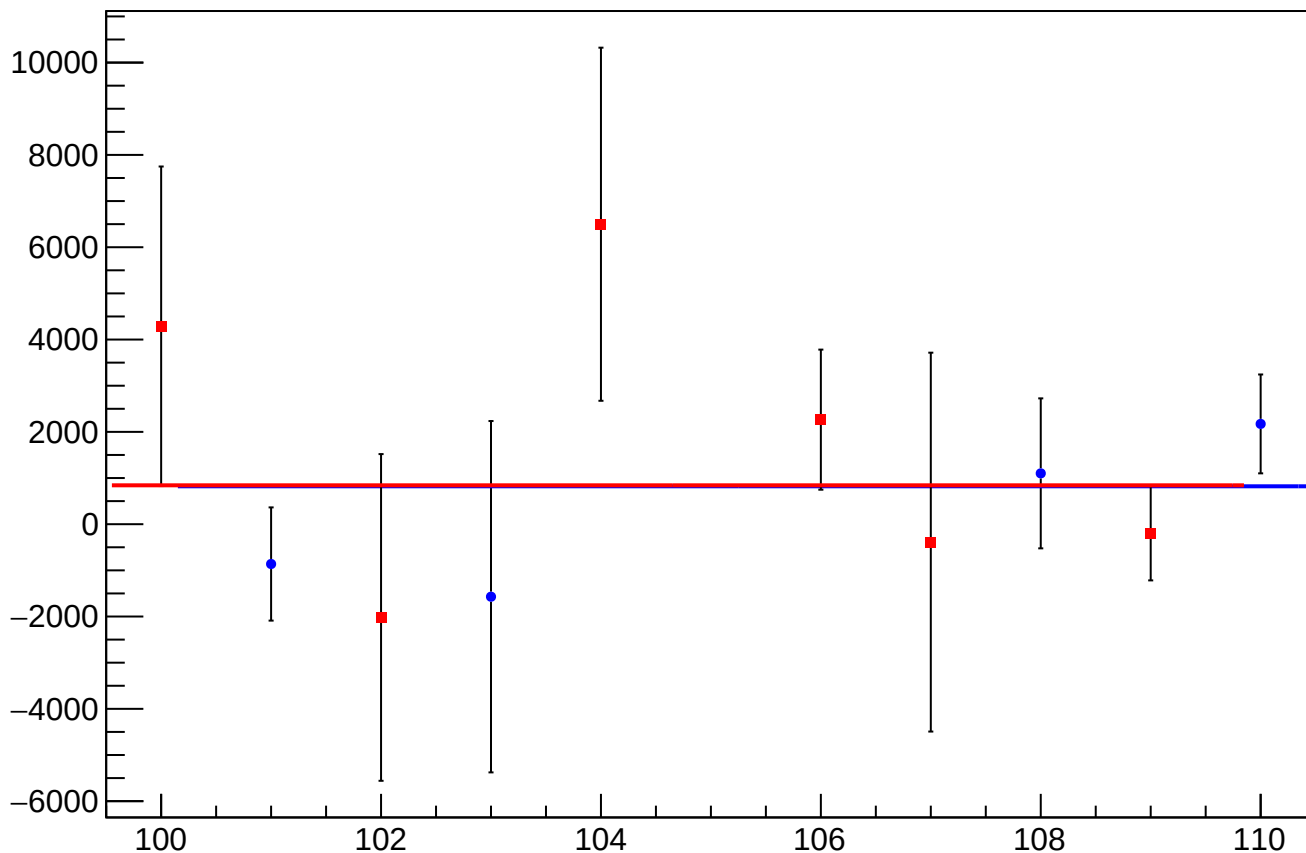
Right: 1590.064+/-0.545 χ^2/NDF : 99260.1/9

In: 1505.843+/-0.750 χ^2/NDF : 25553.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1590.064+/-0.545 χ^2/NDF : 99260.1/9

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 821.004+/-709.815 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 842.316+/-771.302 χ^2/NDF : 5.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

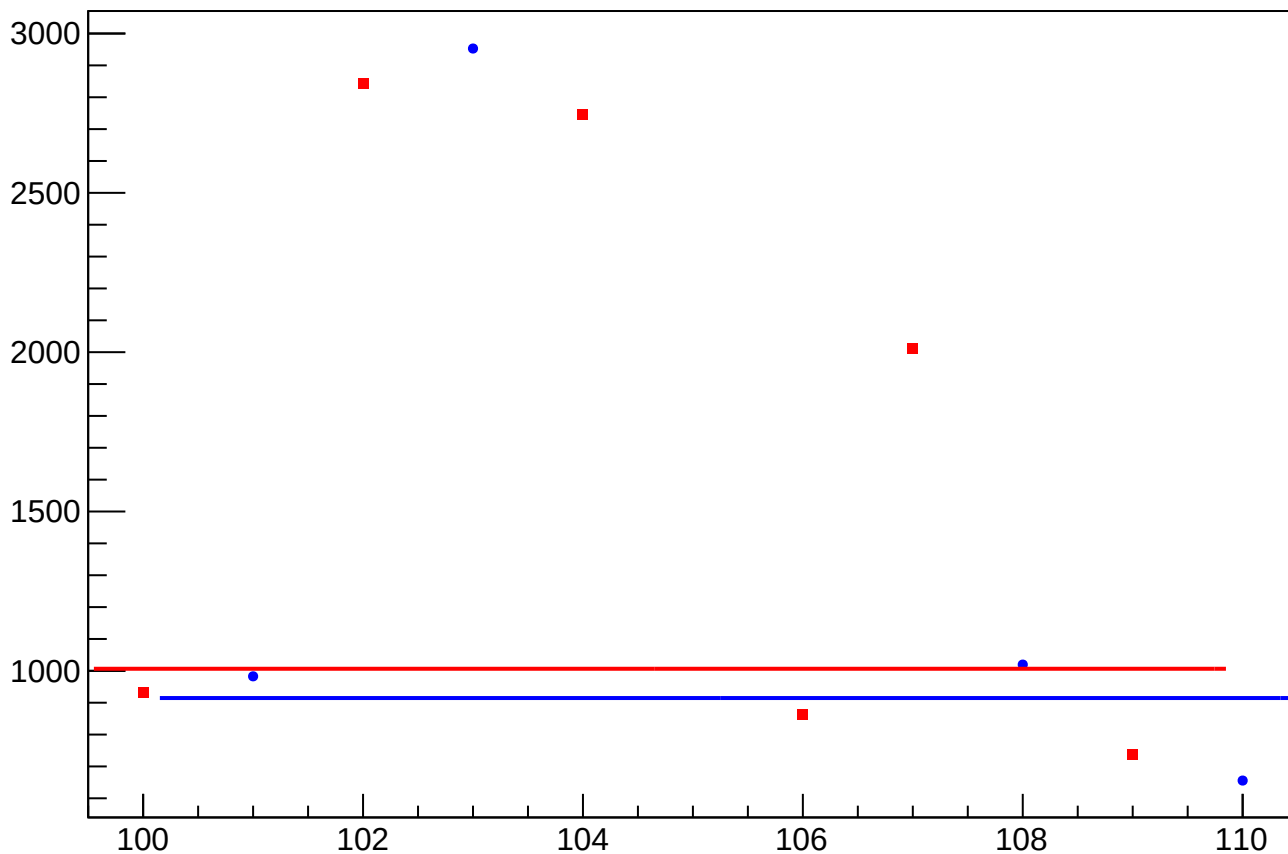
Right: 830.777+/-522.302 χ^2/NDF : 9.7/9

In: 821.004+/-709.815 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.777+/-522.302 χ^2/NDF : 9.7/9

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 914.648+/-0.502 χ^2/NDF : 705138.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1006.513+/-0.545 χ^2/NDF : 1229086.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

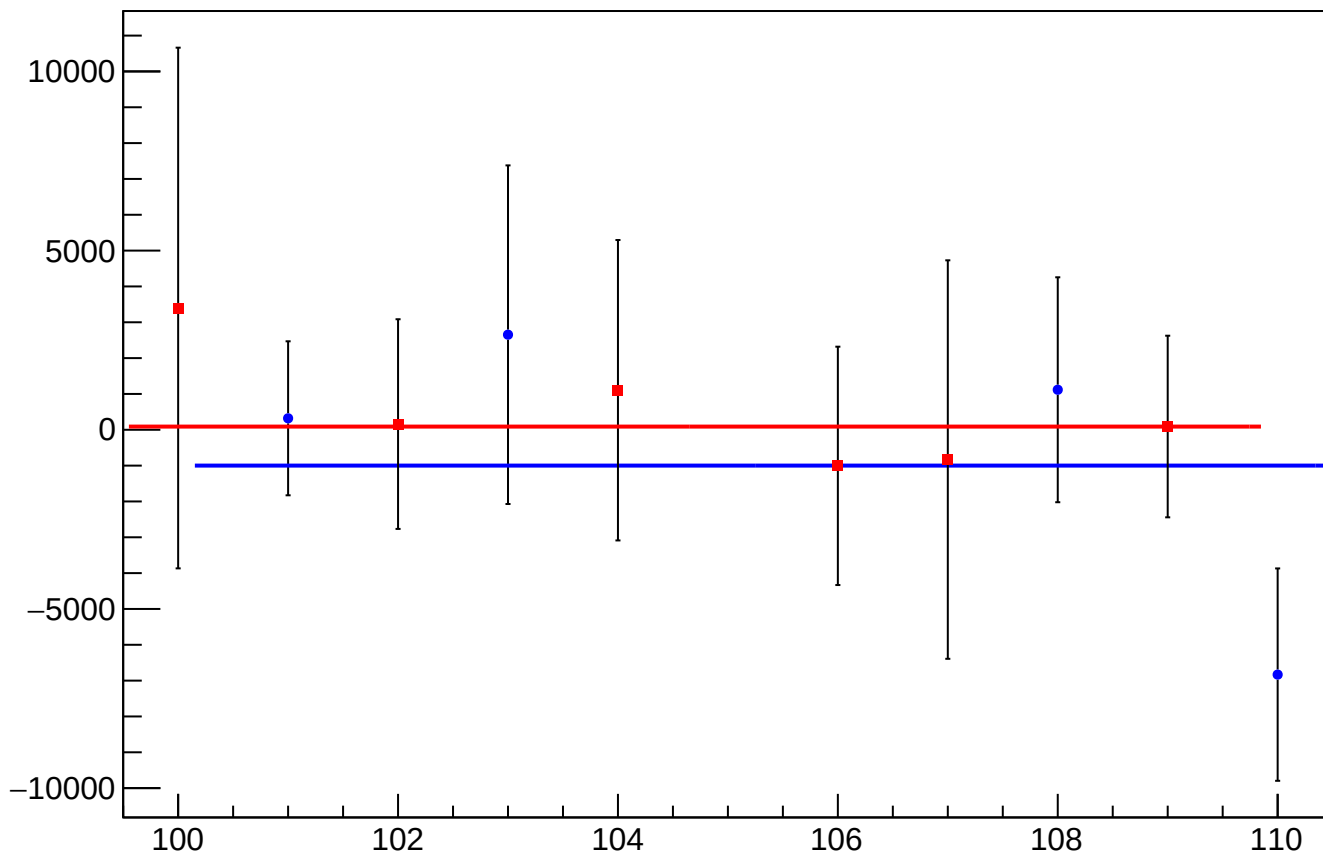
Right: 956.773+/-0.369 χ^2/NDF : 1949586.5/9

In: 914.648+/-0.502 χ^2/NDF : 705138.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.773+/-0.369 χ^2/NDF : 1949586.5/9

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -999.407+/-1448.272 χ^2/NDF : 5.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.102+/-1456.828 χ^2/NDF : 0.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

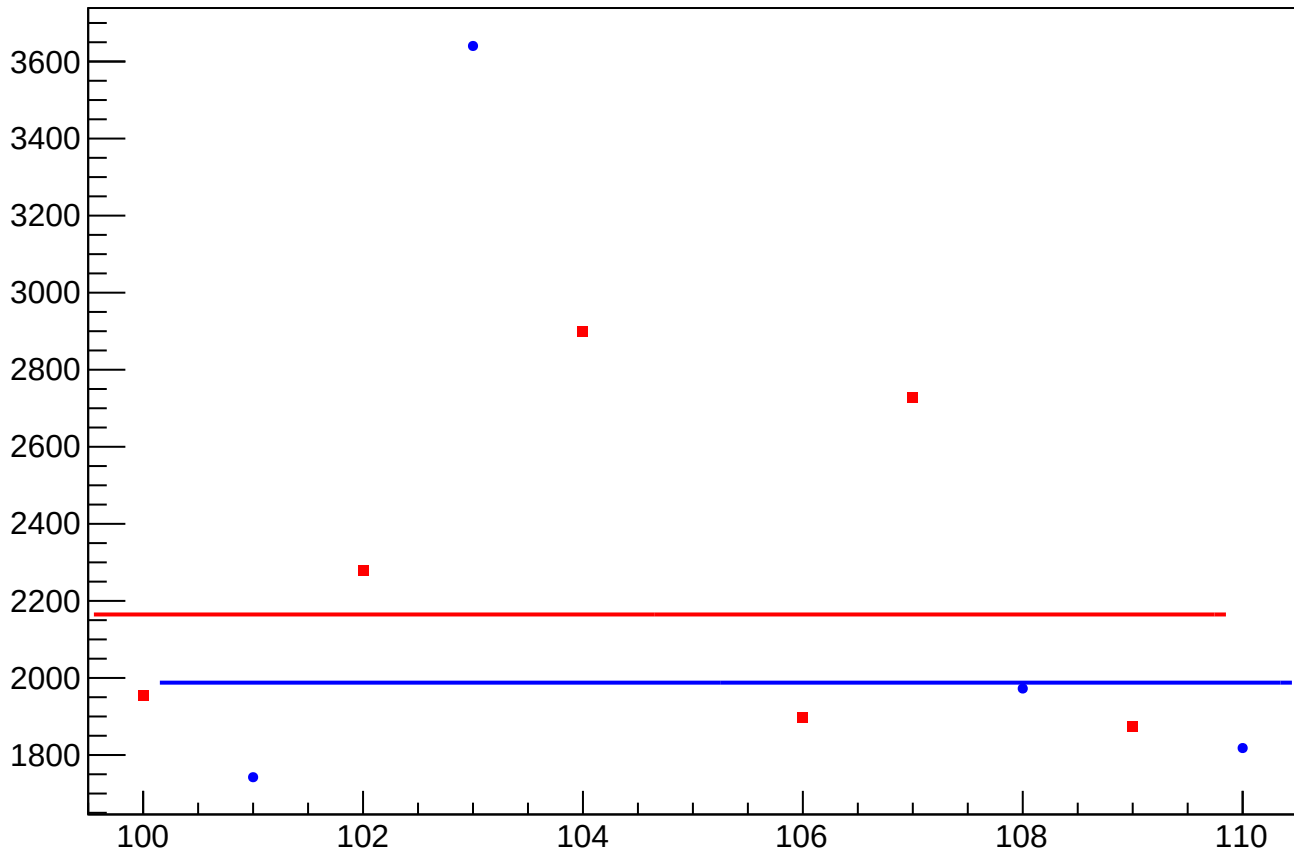
Right: -458.358+/-1027.094 χ^2/NDF : 6.0/9

In: -999.407+/-1448.272 χ^2/NDF : 5.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -458.358+/-1027.094 χ^2/NDF : 6.0/9

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1987.815+/-1.024 χ^2/NDF : 277374.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2164.757+/-1.030 χ^2/NDF : 125847.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

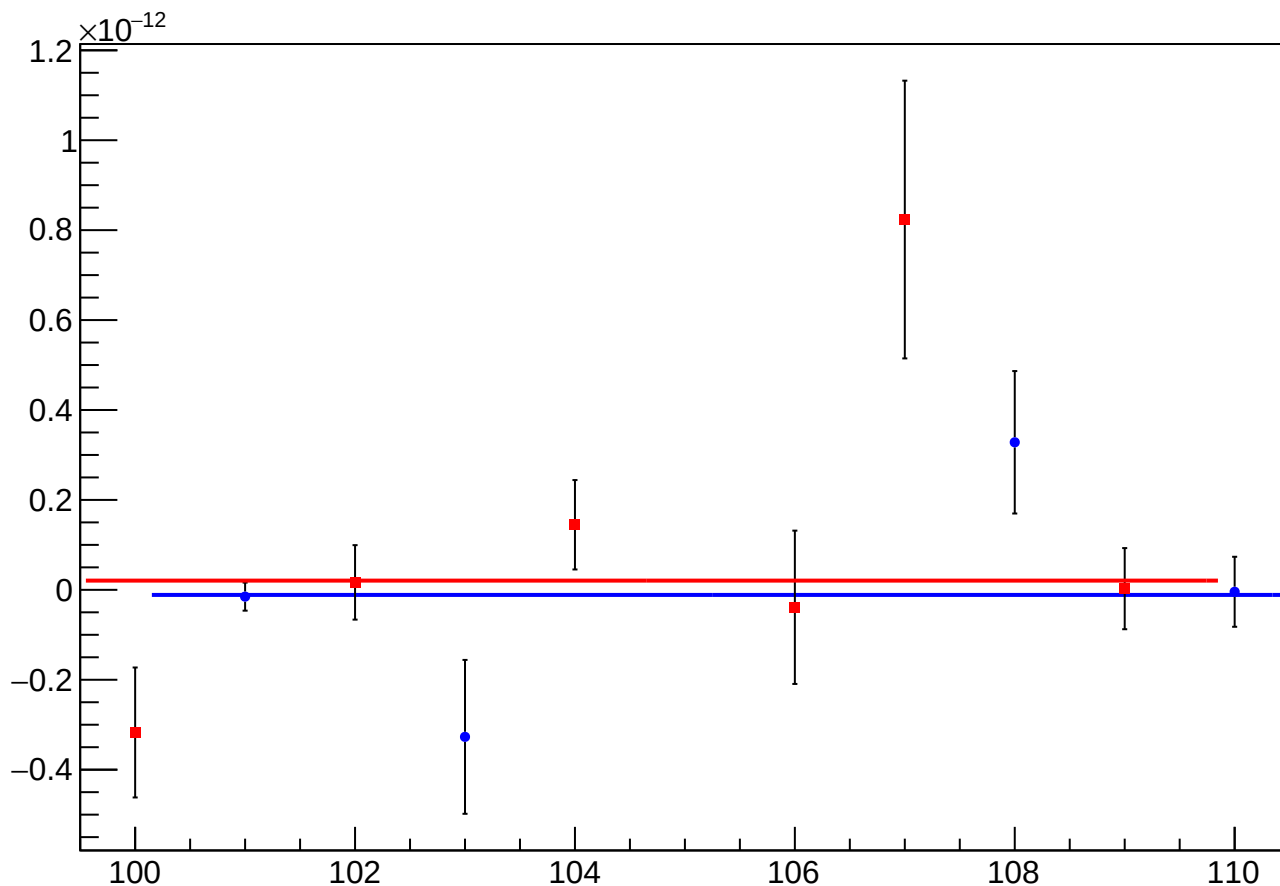
Right: 2075.765+/-0.726 χ^2/NDF : 418060.4/9

In: 1987.815+/-1.024 χ^2/NDF : 277374.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2075.765+/-0.726 χ^2/NDF : 418060.4/9

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

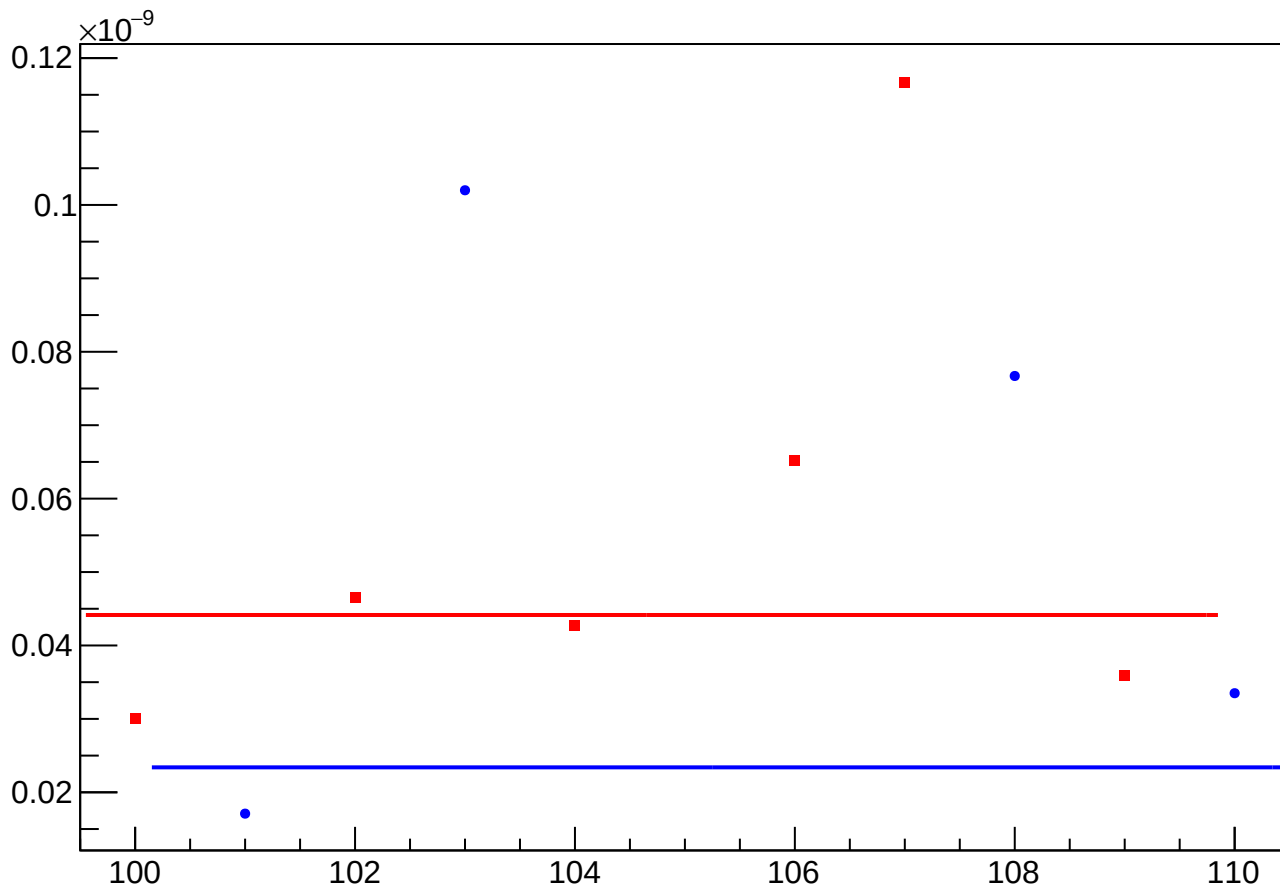
Right: -0.000+/-0.000 χ^2/NDF : 22.3/9

In: -0.000+/-0.000 χ^2/NDF : 8.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.3/9

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 763764.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 178238.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

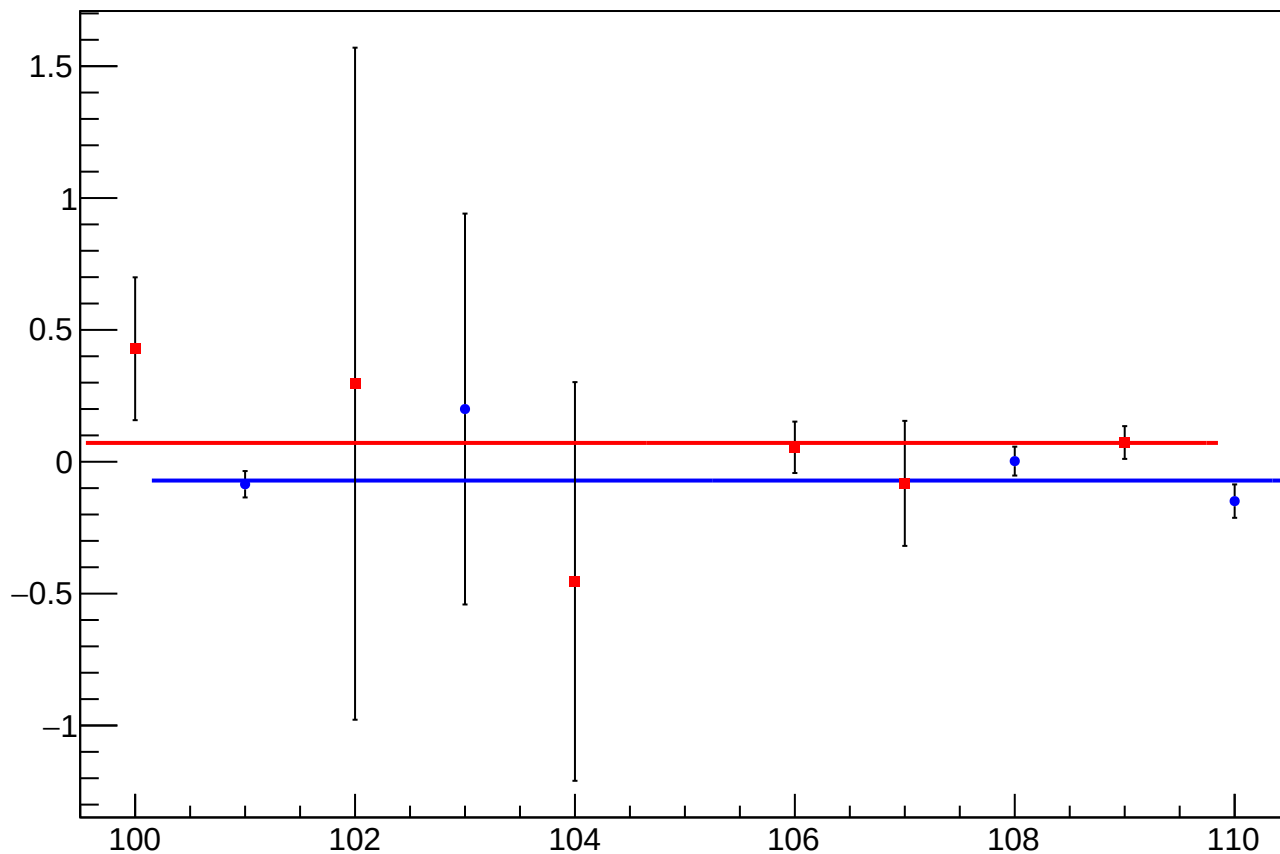
Right: 0.000+/-0.000 χ^2/NDF : 1233781.3/9

In: 0.000+/-0.000 χ^2/NDF : 763764.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1233781.3/9

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.071 ± 0.032 χ^2/NDF : 3.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.071 ± 0.050 χ^2/NDF : 2.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

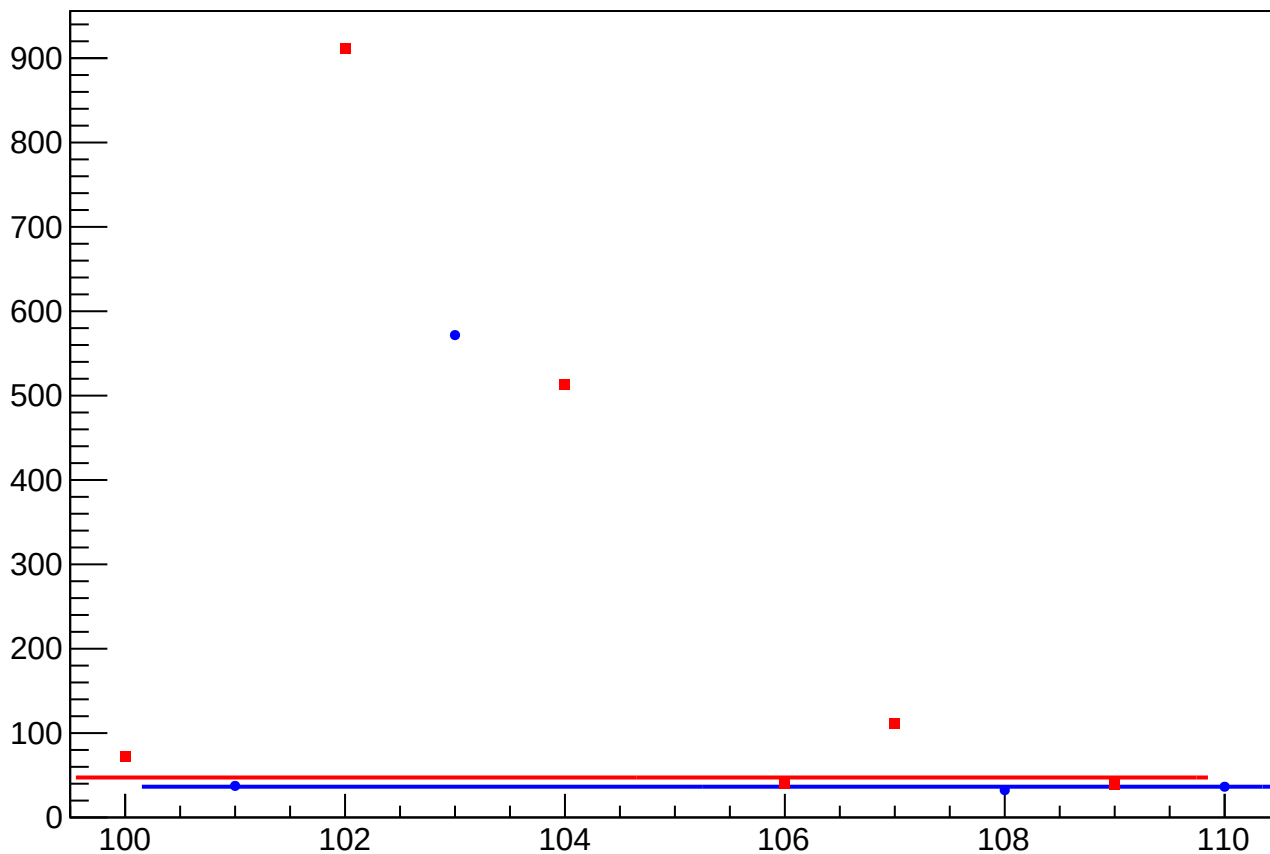
Right: -0.030 ± 0.027 χ^2/NDF : 12.0/9

In: -0.071 ± 0.032 χ^2/NDF : 3.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.030 ± 0.027 χ^2/NDF : 12.0/9

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.446+/-0.023 χ^2/NDF : 1055275.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.364+/-0.035 χ^2/NDF : 1886300.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

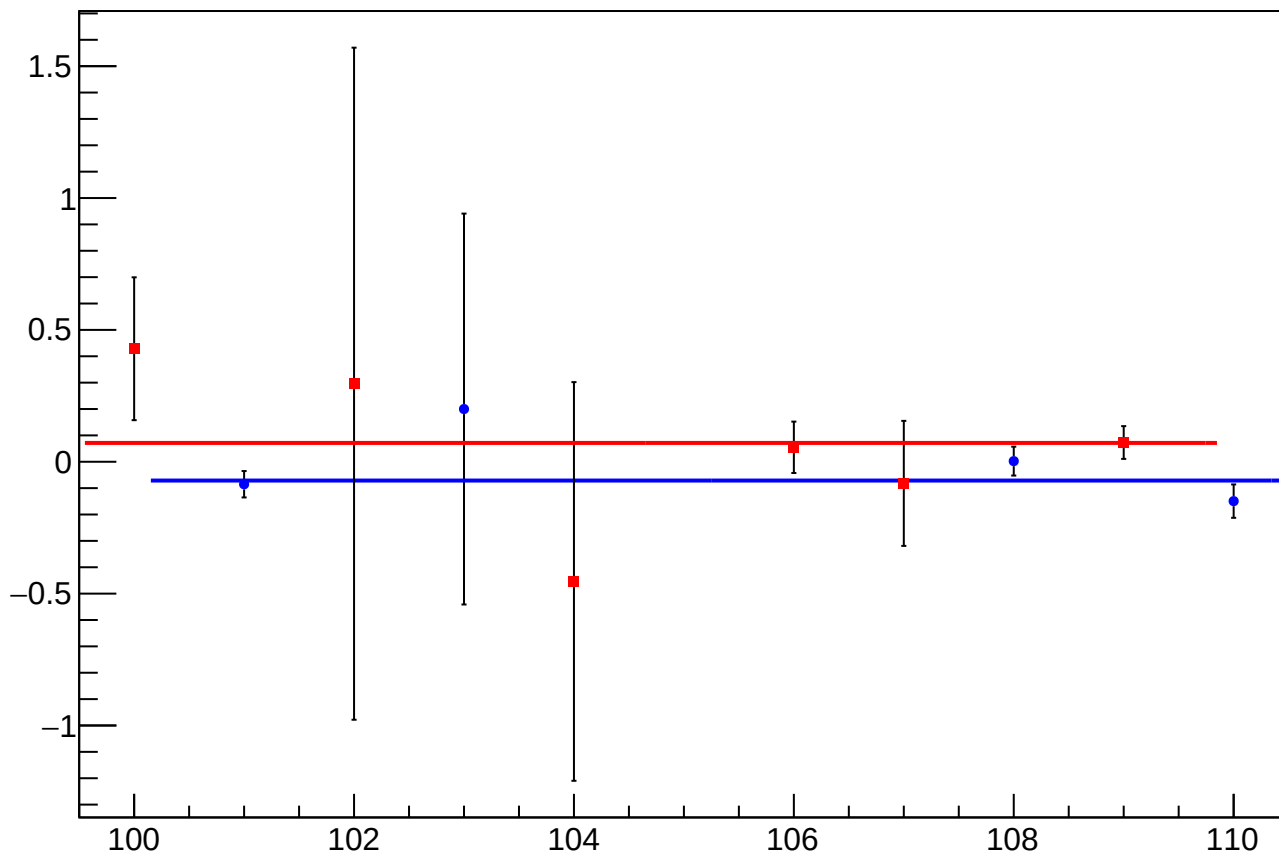
Right: 39.592+/-0.019 χ^2/NDF : 3009153.5/9

In: 36.446+/-0.023 χ^2/NDF : 1055275.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.592+/-0.019 χ^2/NDF : 3009153.5/9

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.071 ± 0.032 χ^2/NDF : 3.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.071 ± 0.050 χ^2/NDF : 2.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

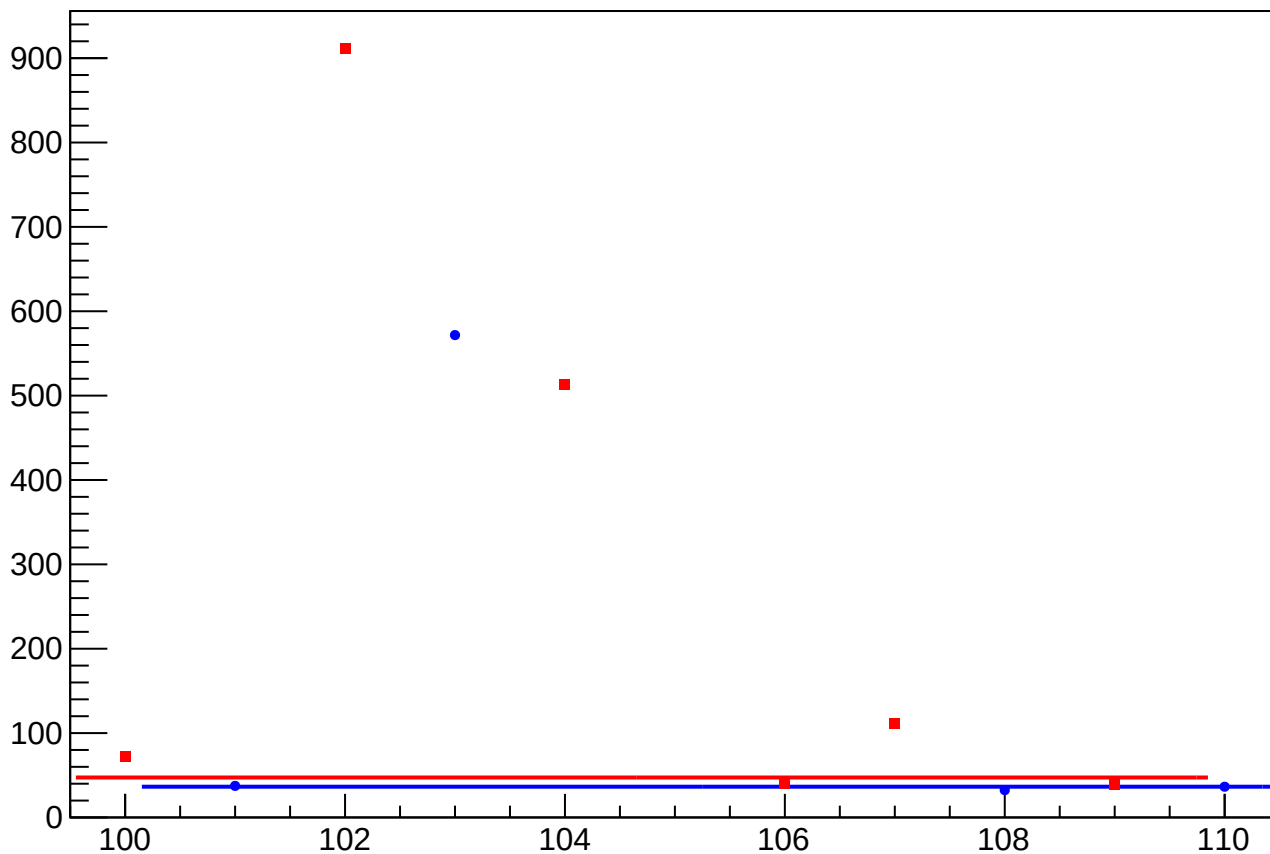
Right: -0.030 ± 0.027 χ^2/NDF : 12.0/9

In: -0.071 ± 0.032 χ^2/NDF : 3.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.030 ± 0.027 χ^2/NDF : 12.0/9

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.446 $\pm$ 0.023 χ^2 /NDF: 1055275.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.364 $\pm$ 0.035 χ^2 /NDF: 1886300.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

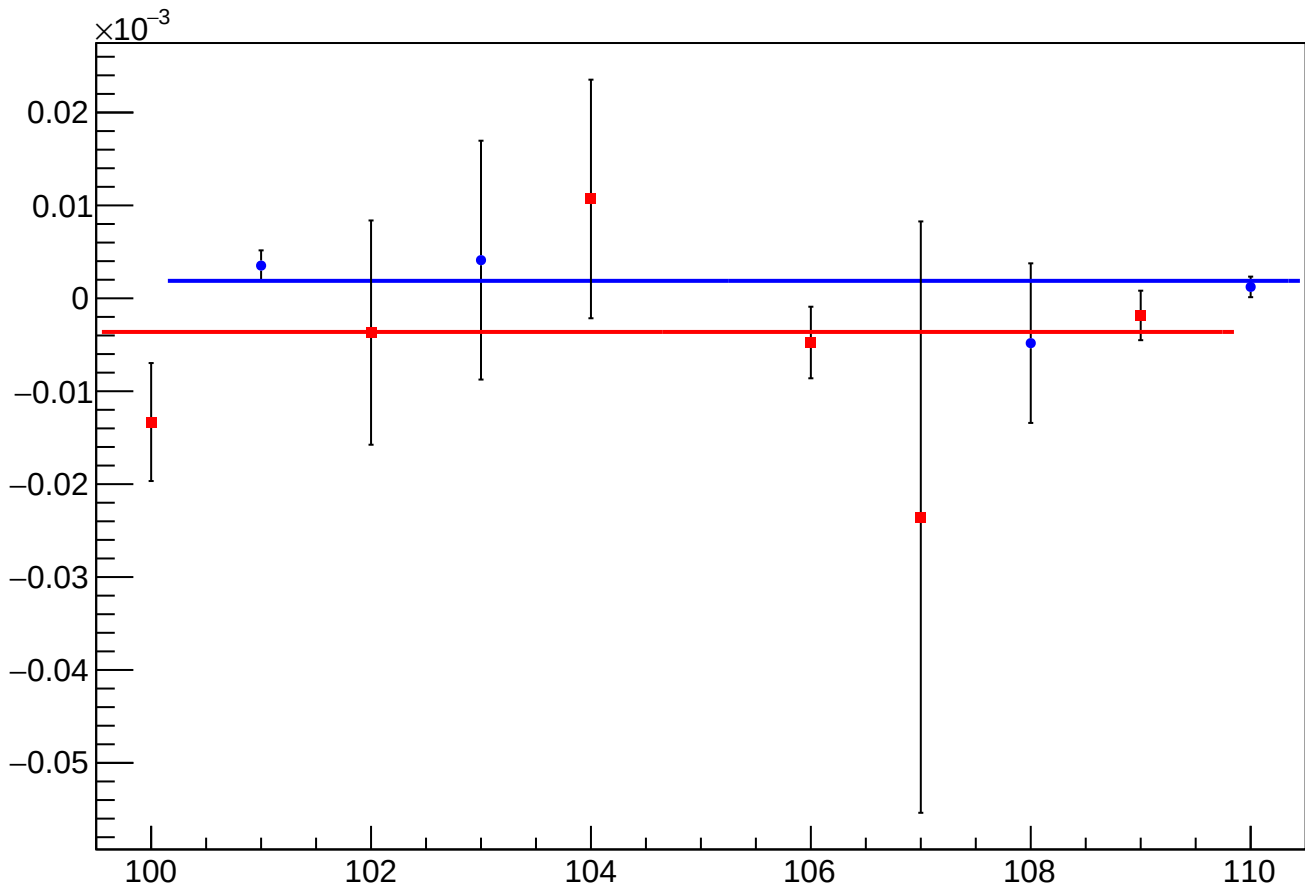
Right: 39.592 $\pm$ 0.019 χ^2 /NDF: 3009153.5/9

In: 36.446 $\pm$ 0.023 χ^2 /NDF:1055275.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.592 $\pm$ 0.019 χ^2 /NDF: 3009153.5/9

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

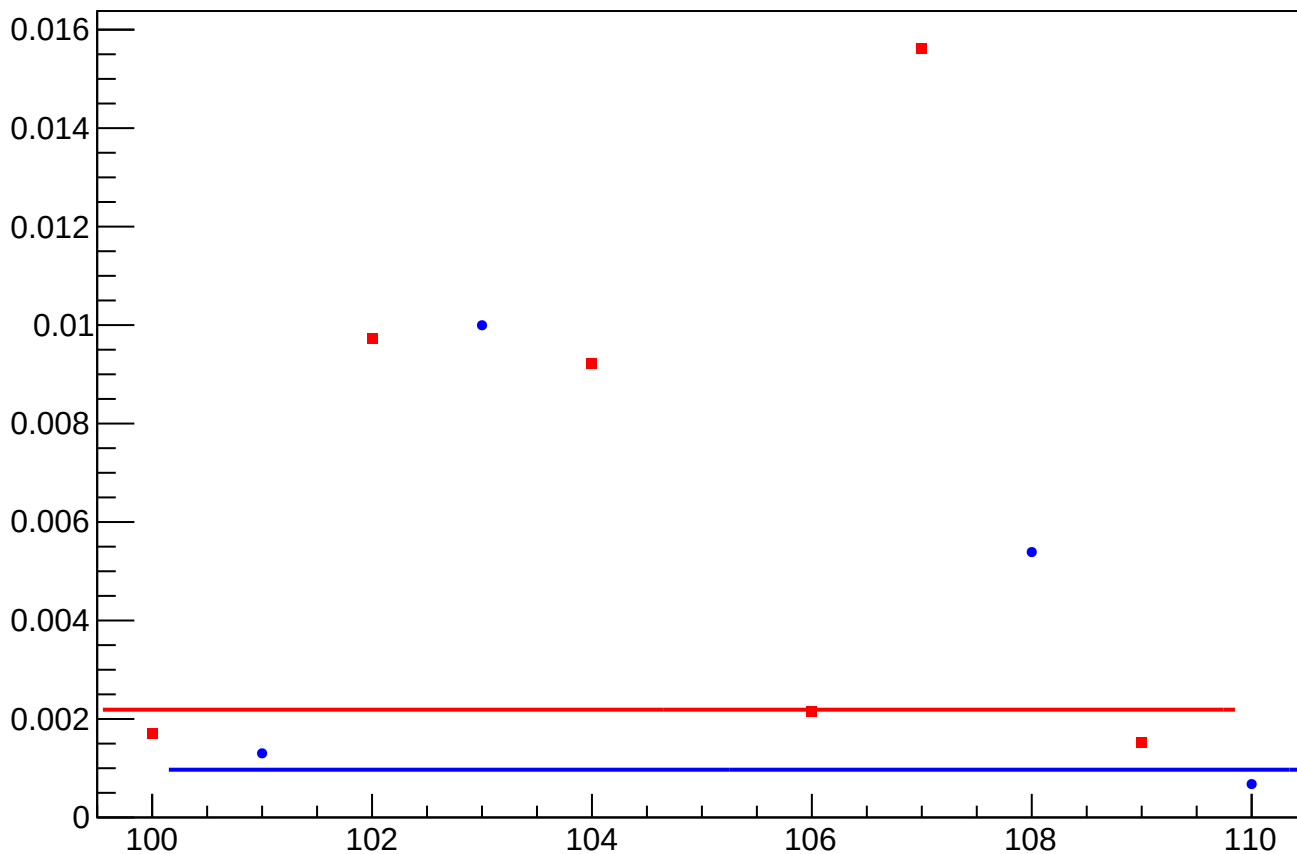
Right: 0.000+/-0.000 χ^2/NDF : 12.7/9

In: 0.000+/-0.000 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.7/9

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1737347.9/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1867852.6/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

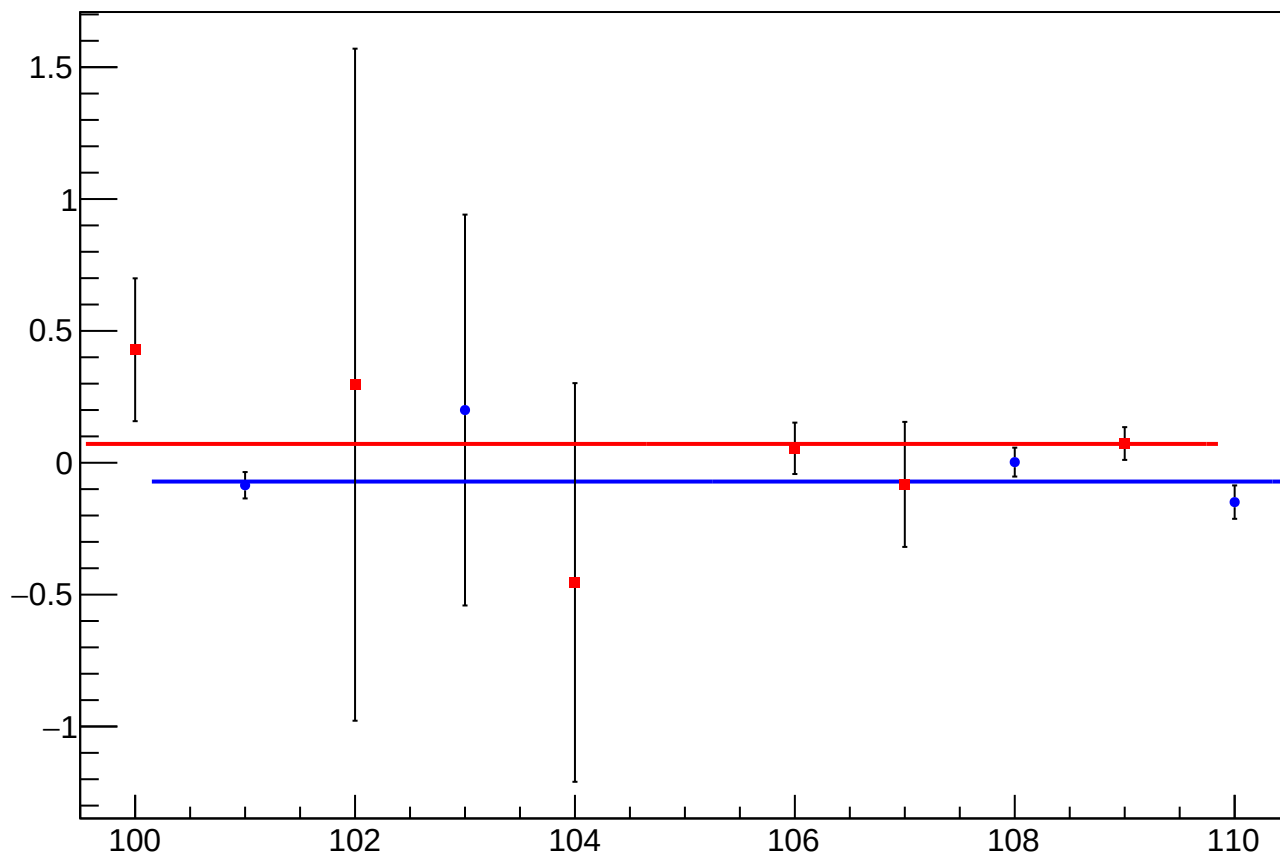
Right: 0.001+/-0.000 χ^2/NDF : 4215123.8/9

In: 0.001+/-0.000 χ^2/NDF :1737347.9/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4215123.8/9

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.071+/-0.032 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.050 χ^2/NDF : 2.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

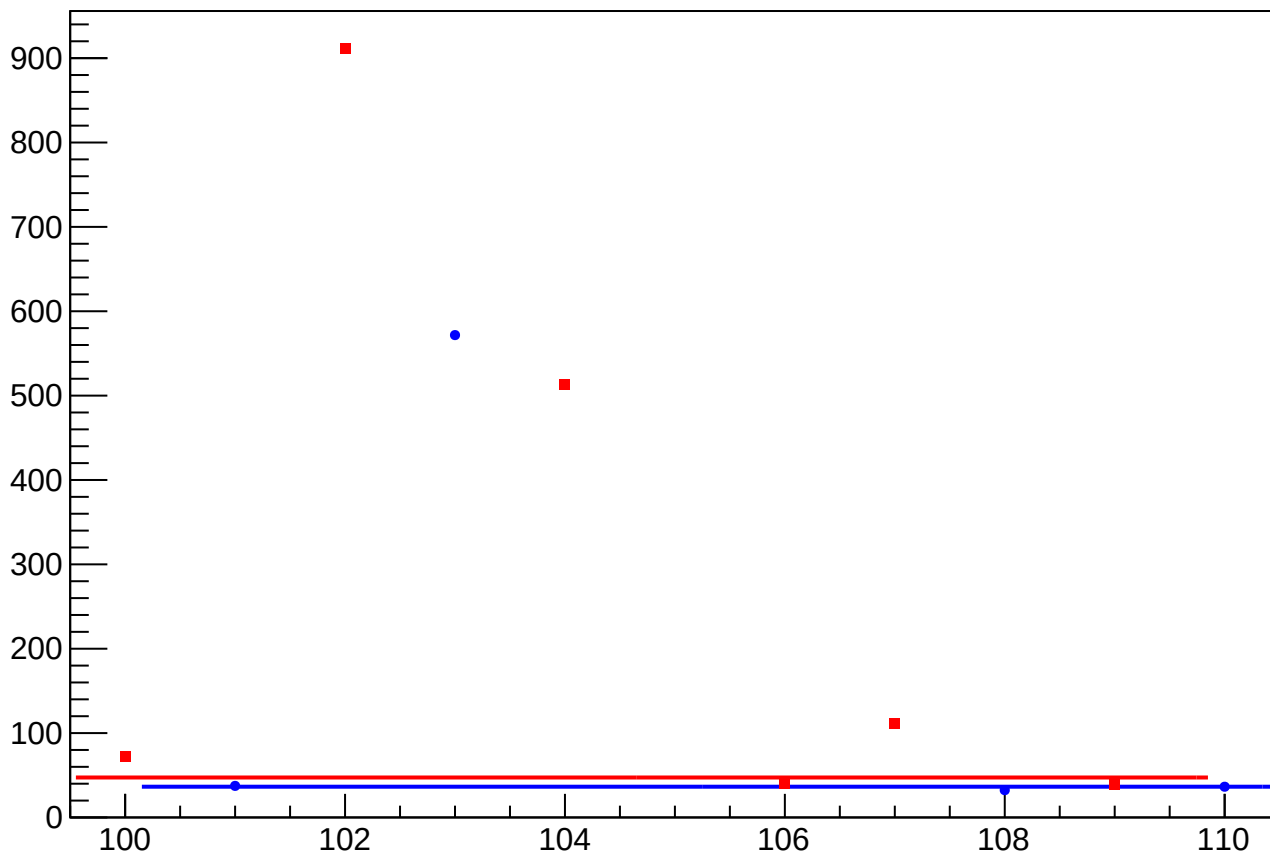
Right: -0.030+/-0.027 χ^2/NDF : 12.0/9

In: -0.071+/-0.032 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.027 χ^2/NDF : 12.0/9

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.447+/-0.023 χ^2/NDF : 1055267.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.366+/-0.035 χ^2/NDF : 1886279.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

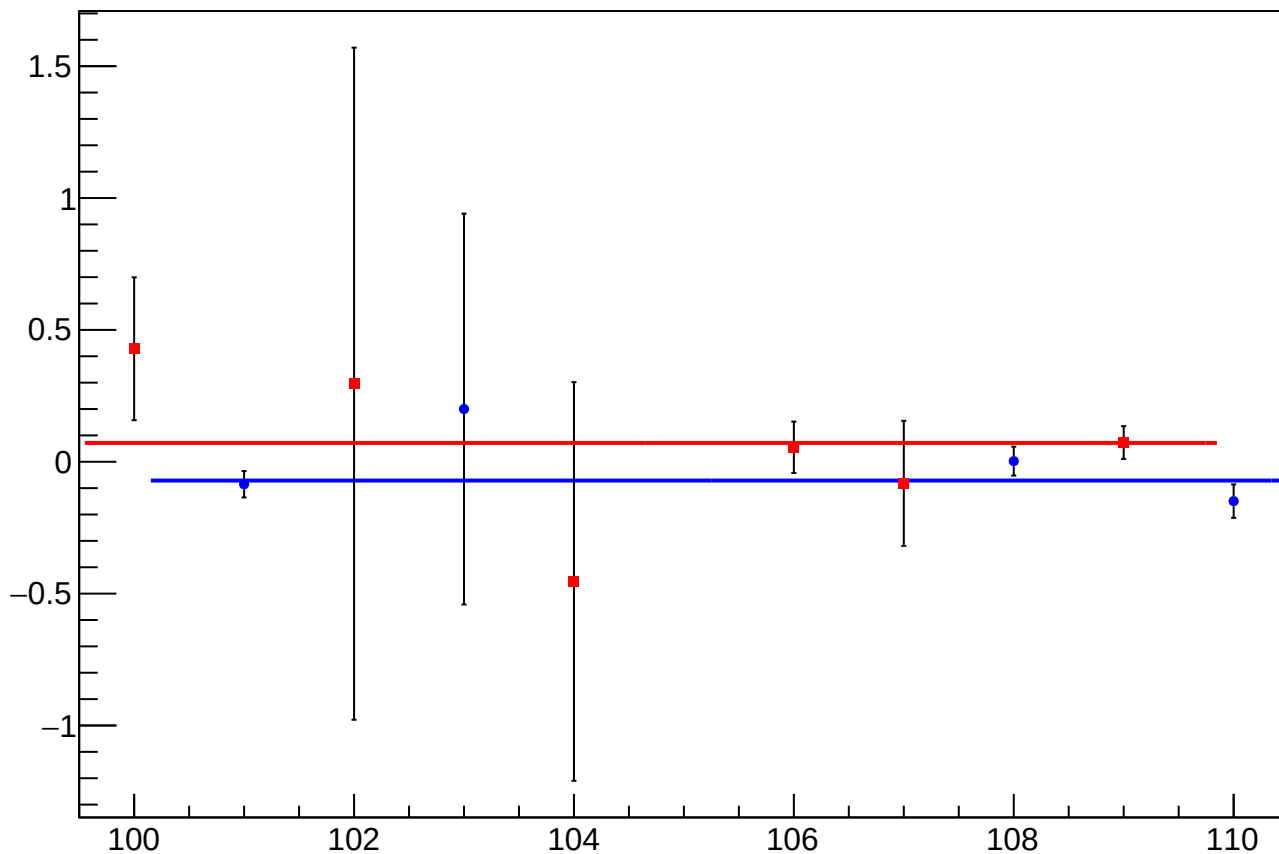
Right: 39.593+/-0.019 χ^2/NDF : 3009137.6/9

In: 36.447+/-0.023 χ^2/NDF : 1055267.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.593+/-0.019 χ^2/NDF : 3009137.6/9

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.071 ± 0.032 χ^2/NDF : 3.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.071 ± 0.050 χ^2/NDF : 2.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

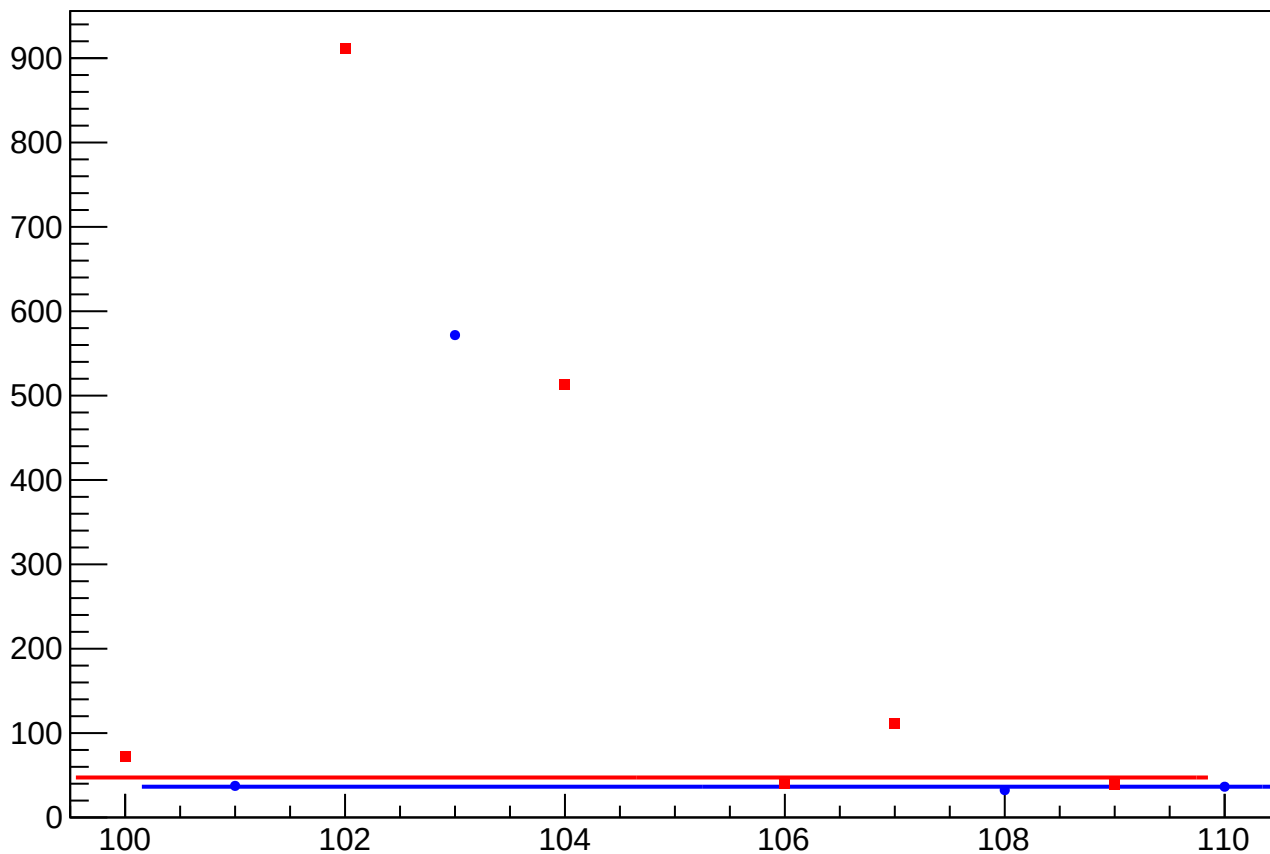
Right: -0.030 ± 0.027 χ^2/NDF : 12.0/9

In: -0.071 ± 0.032 χ^2/NDF : 3.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.030 ± 0.027 χ^2/NDF : 12.0/9

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.447+/-0.023 χ^2/NDF : 1055267.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.366+/-0.035 χ^2/NDF : 1886279.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

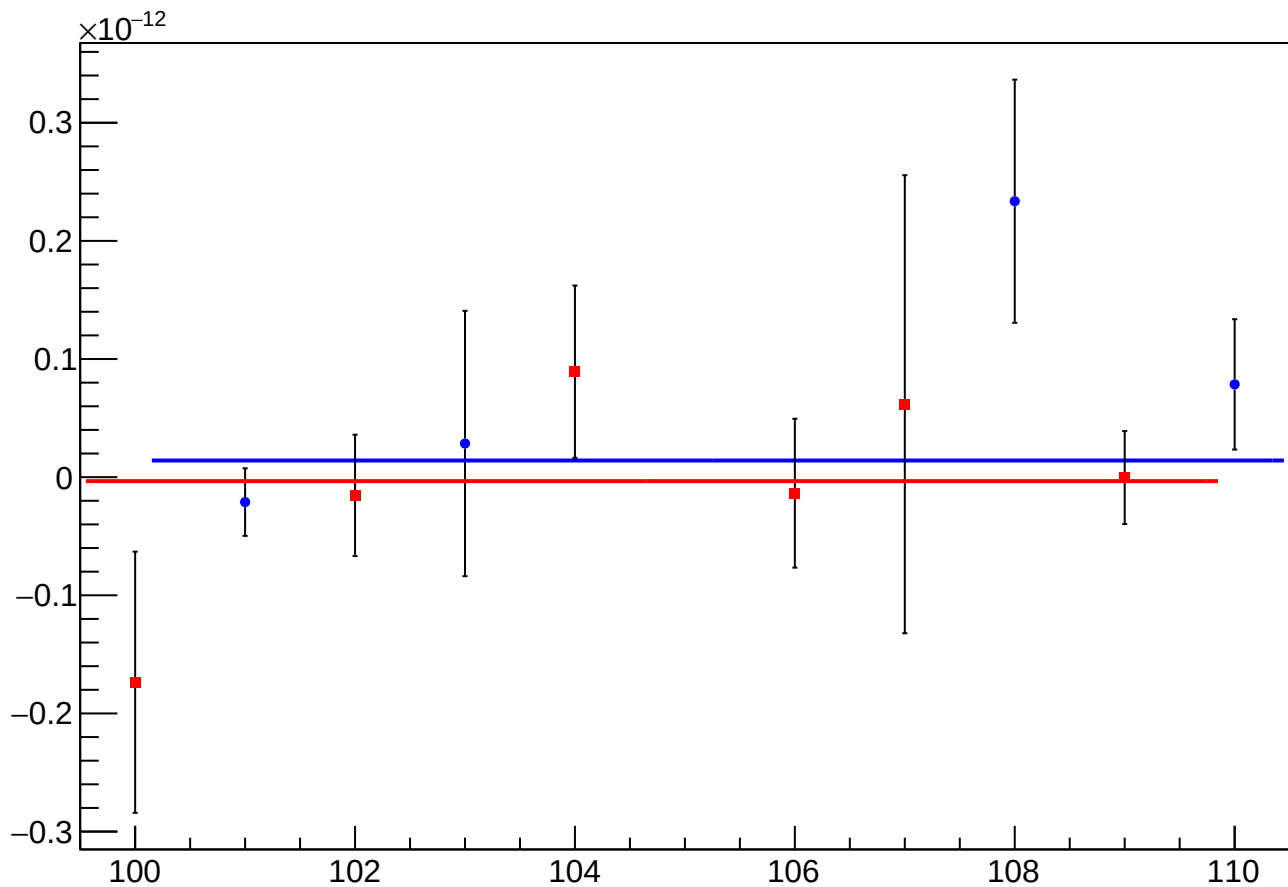
Right: 39.593+/-0.019 χ^2/NDF : 3009137.6/9

In: 36.447+/-0.023 χ^2/NDF : 1055267.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.593+/-0.019 χ^2/NDF : 3009137.6/9

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

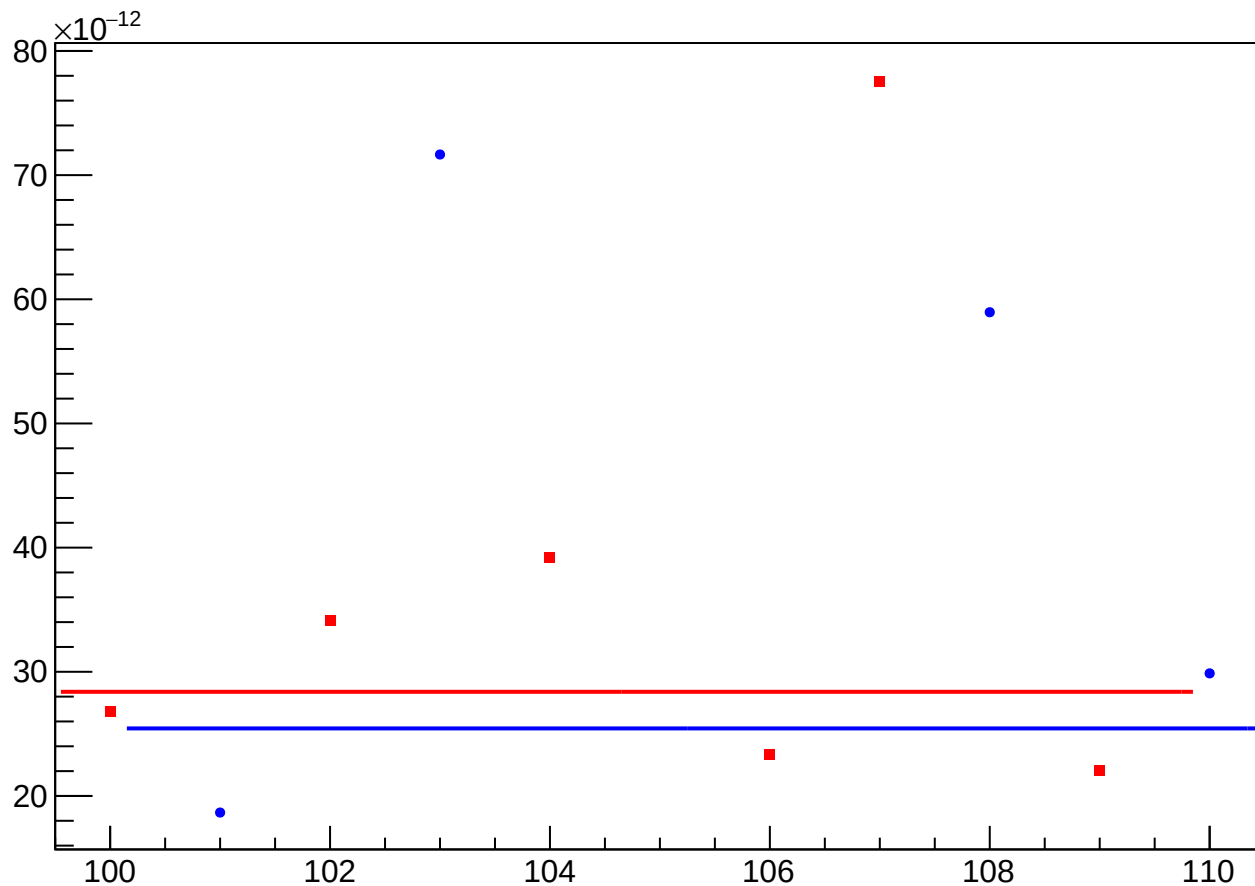
Right: 0.000+/-0.000 χ^2/NDF : 11.9/9

In: 0.000+/-0.000 χ^2/NDF : 7.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.9/9

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 676195.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 263061.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

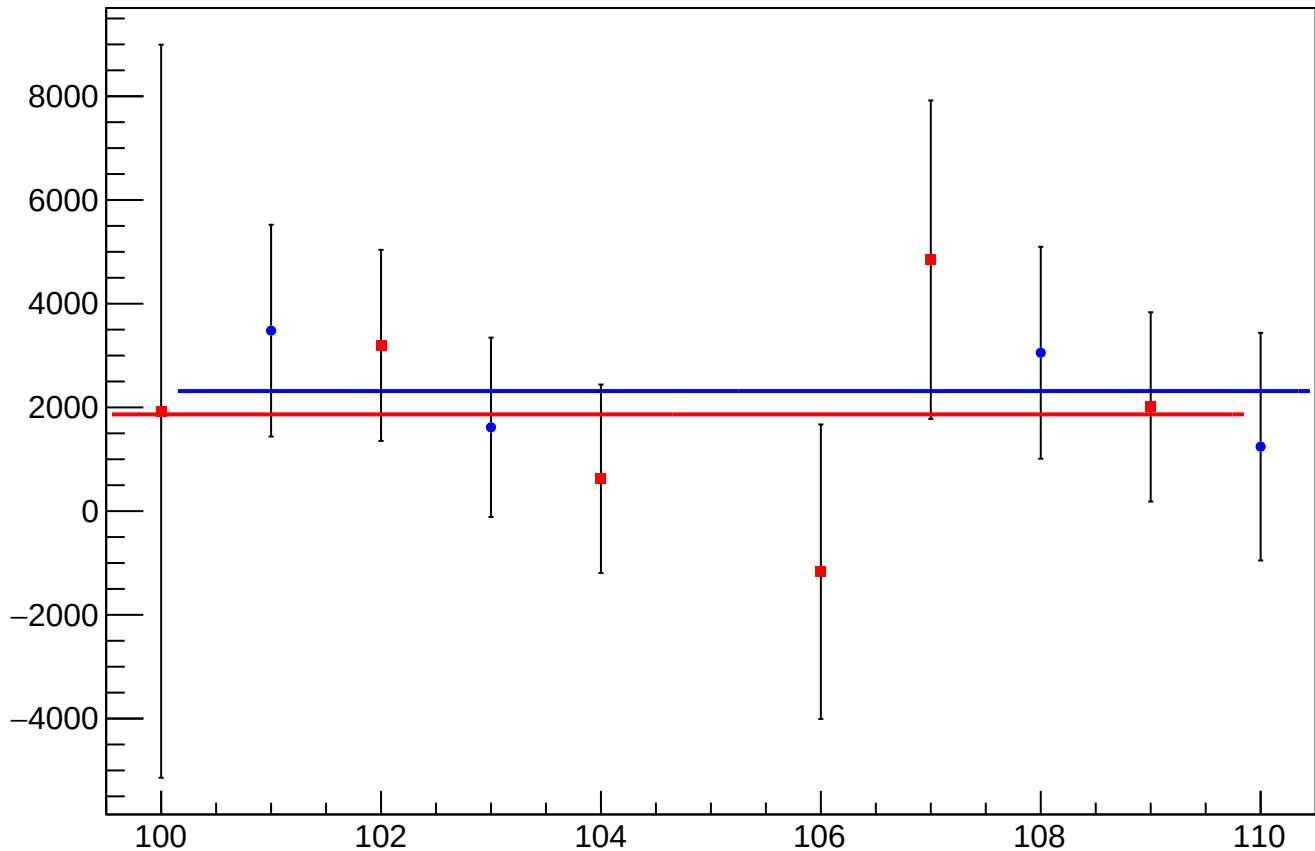
Right: 0.000+/-0.000 χ^2/NDF : 953571.5/9

In: 0.000+/-0.000 χ^2/NDF : 676195.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 953571.5/9

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2315.108+/-989.581 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1866.186+/-933.497 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

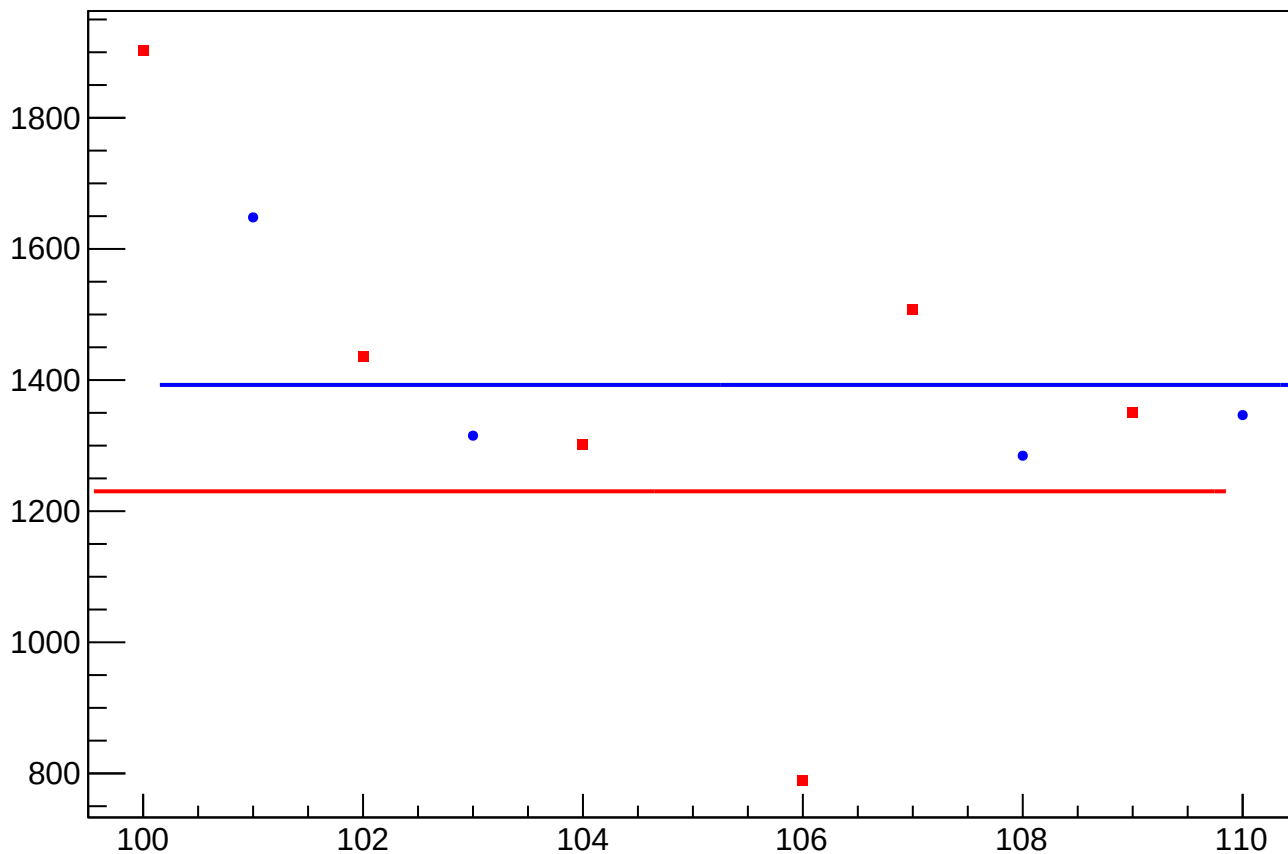
Right: 2077.566+/-679.044 χ^2/NDF : 4.0/9

In: 2315.108+/-989.581 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2077.566+/-679.044 χ^2/NDF : 4.0/9

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1392.580+/-0.700 χ^2/NDF : 41786.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1230.309+/-0.600 χ^2/NDF : 213755.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

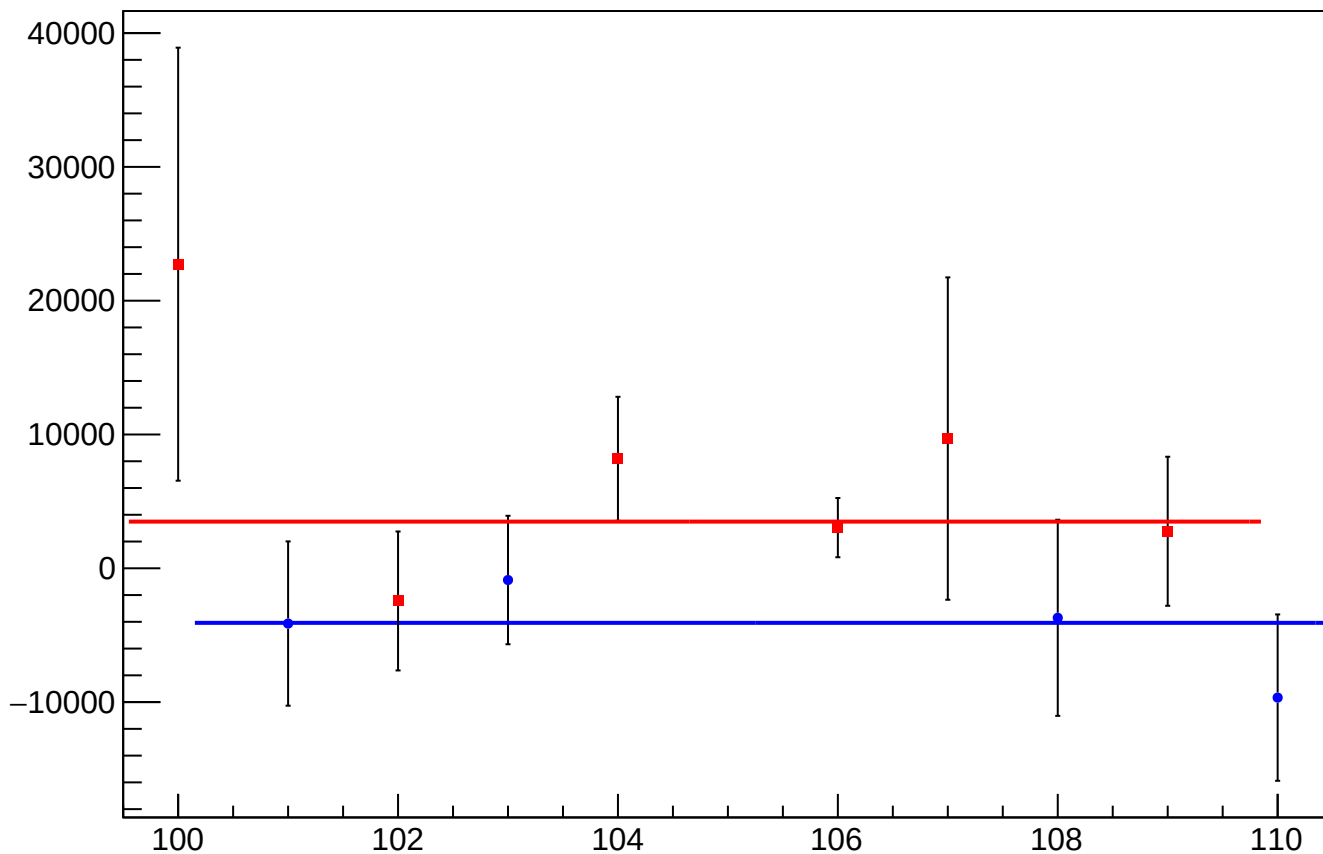
Right: 1299.015+/-0.455 χ^2/NDF : 286550.0/9

In: 1392.580+/-0.700 χ^2/NDF : 41786.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.015+/-0.455 χ^2/NDF : 286550.0/9

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -4077.347+/-2956.467 χ^2/NDF : 1.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3489.181+/-1739.228 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

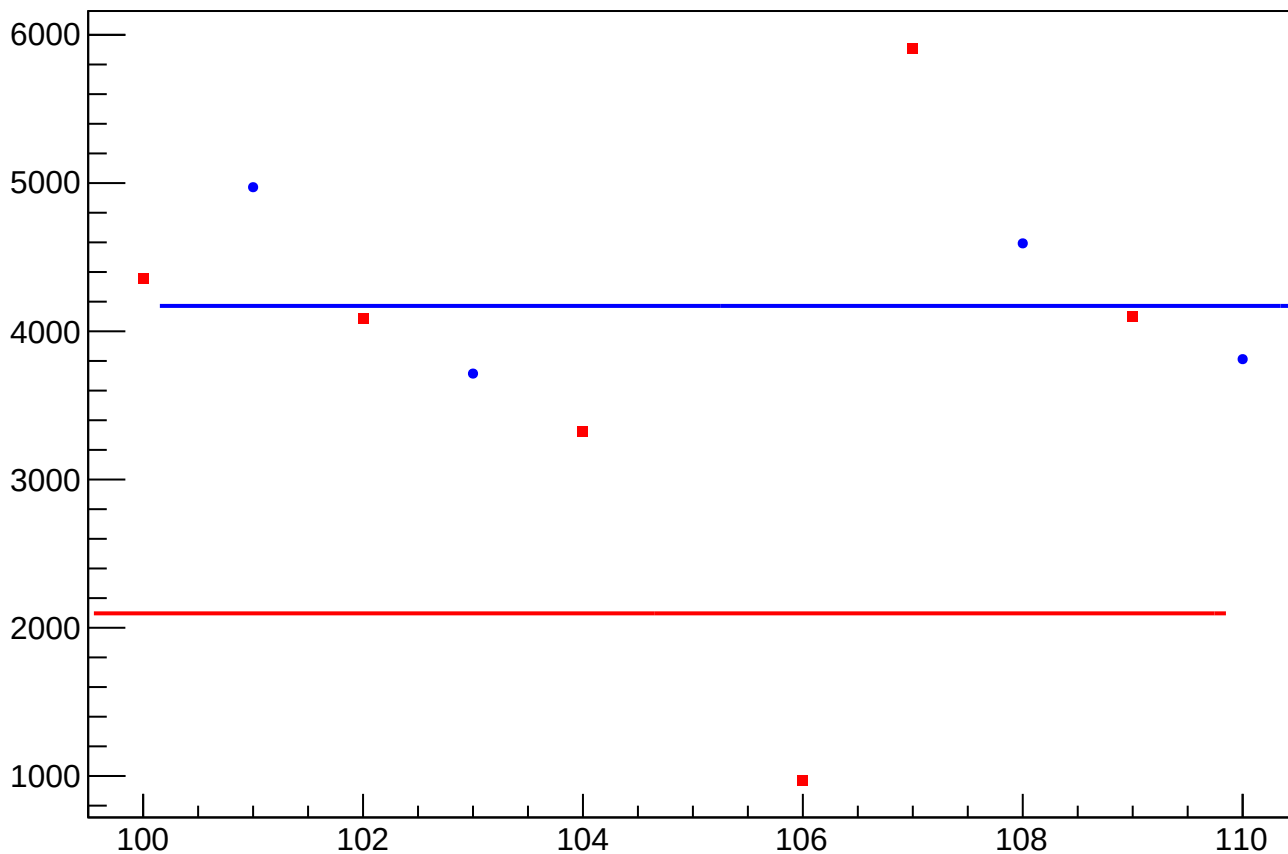
Right: 1543.842+/-1499.072 χ^2/NDF : 10.2/9

In: -4077.347+/-2956.467 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1543.842+/-1499.072 χ^2/NDF : 10.2/9

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4171.331+/-2.091 χ^2/NDF : 65423.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2097.187+/-1.230 χ^2/NDF : 1448919.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

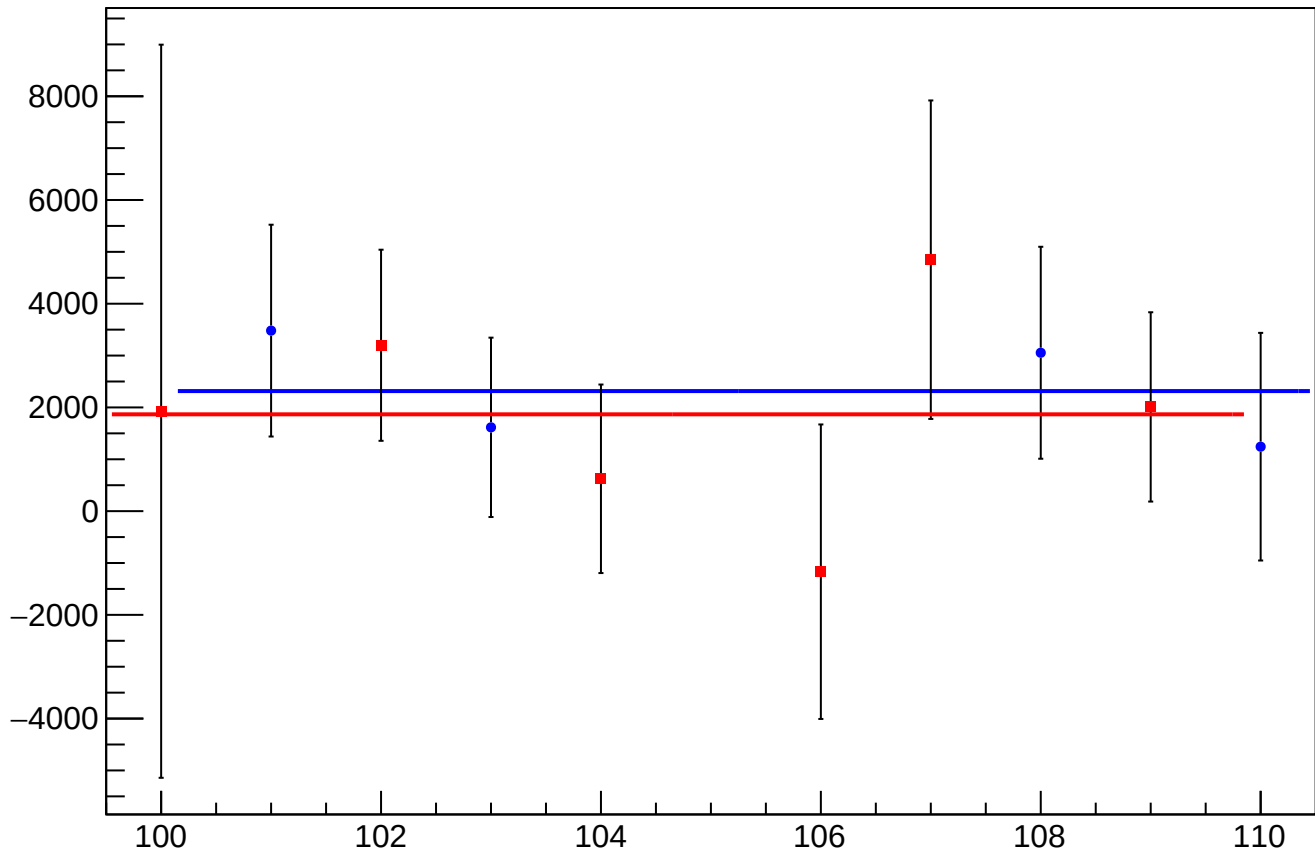
Right: 2630.445+/-1.060 χ^2/NDF : 2245639.1/9

In: 4171.331+/-2.091 χ^2/NDF : 65423.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2630.445+/-1.060 χ^2/NDF : 2245639.1/9

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2315.355+/-989.581 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1866.918+/-933.516 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

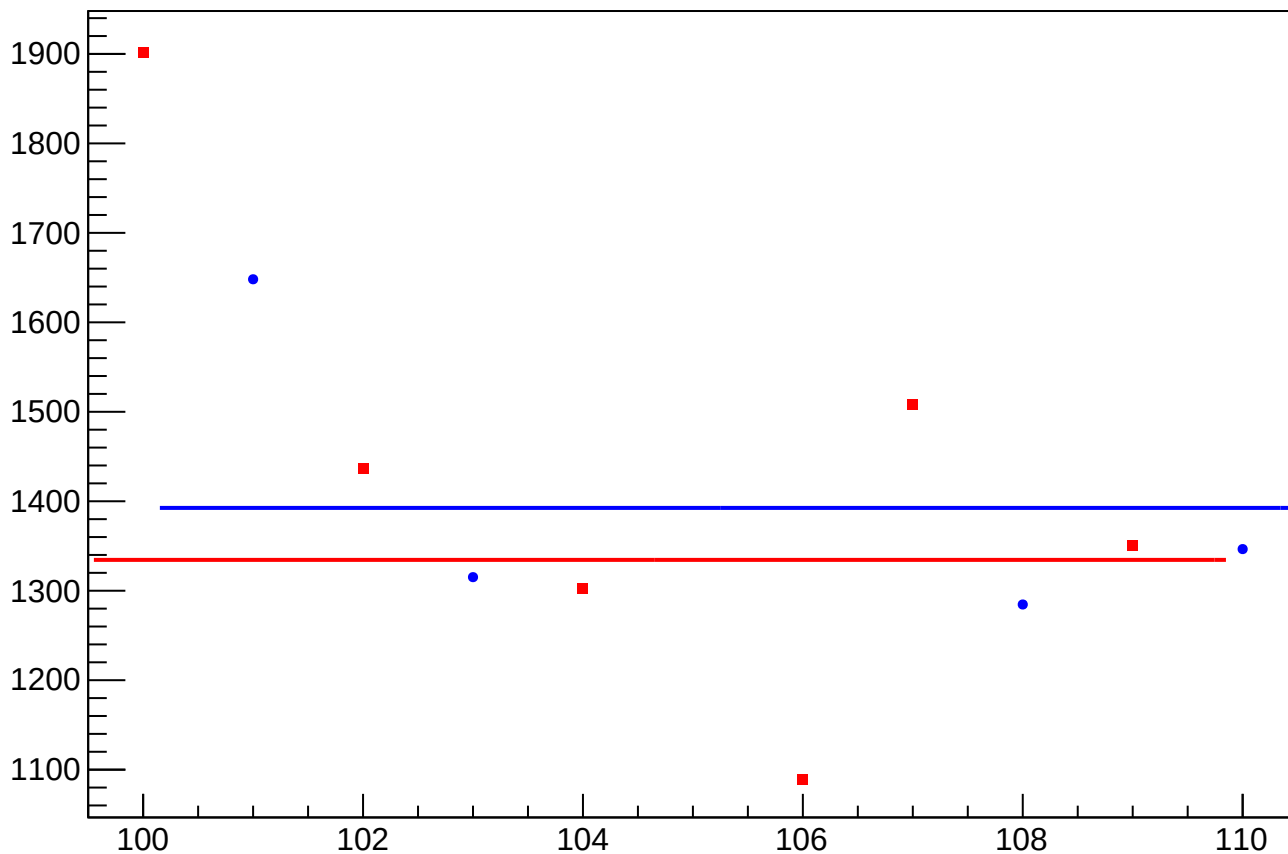
Right: 2078.074+/-679.051 χ^2/NDF : 4.0/9

In: 2315.355+/-989.581 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2078.074+/-679.051 χ^2/NDF : 4.0/9

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1392.580+/-0.700 χ^2/NDF : 41786.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.479+/-0.633 χ^2/NDF : 53249.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

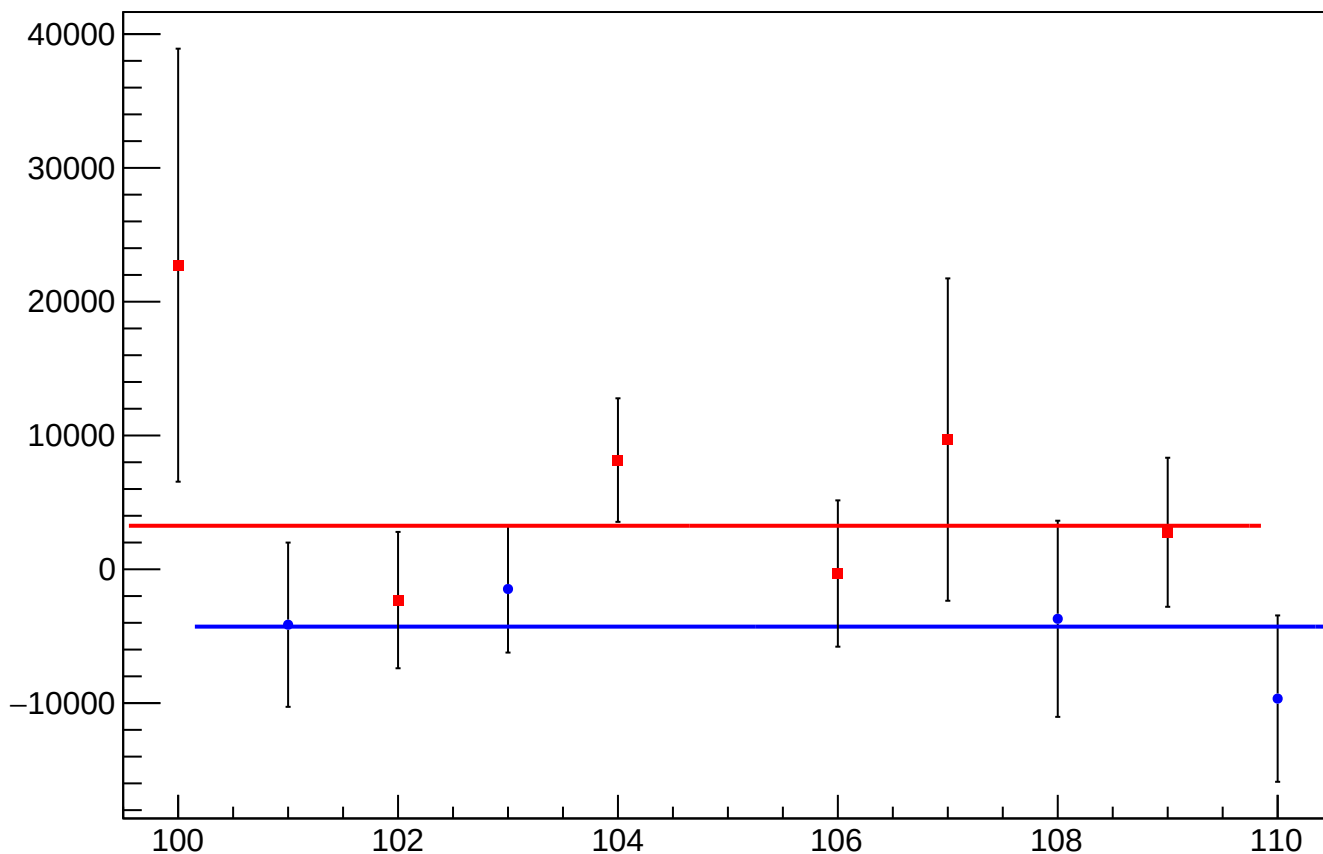
Right: 1360.626+/-0.469 χ^2/NDF : 98827.5/9

In: 1392.580+/-0.700 χ^2/NDF : 41786.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.626+/-0.469 χ^2/NDF : 98827.5/9

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -4284.400+/-2944.814 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3253.670+/-2486.018 χ^2/NDF : 4.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

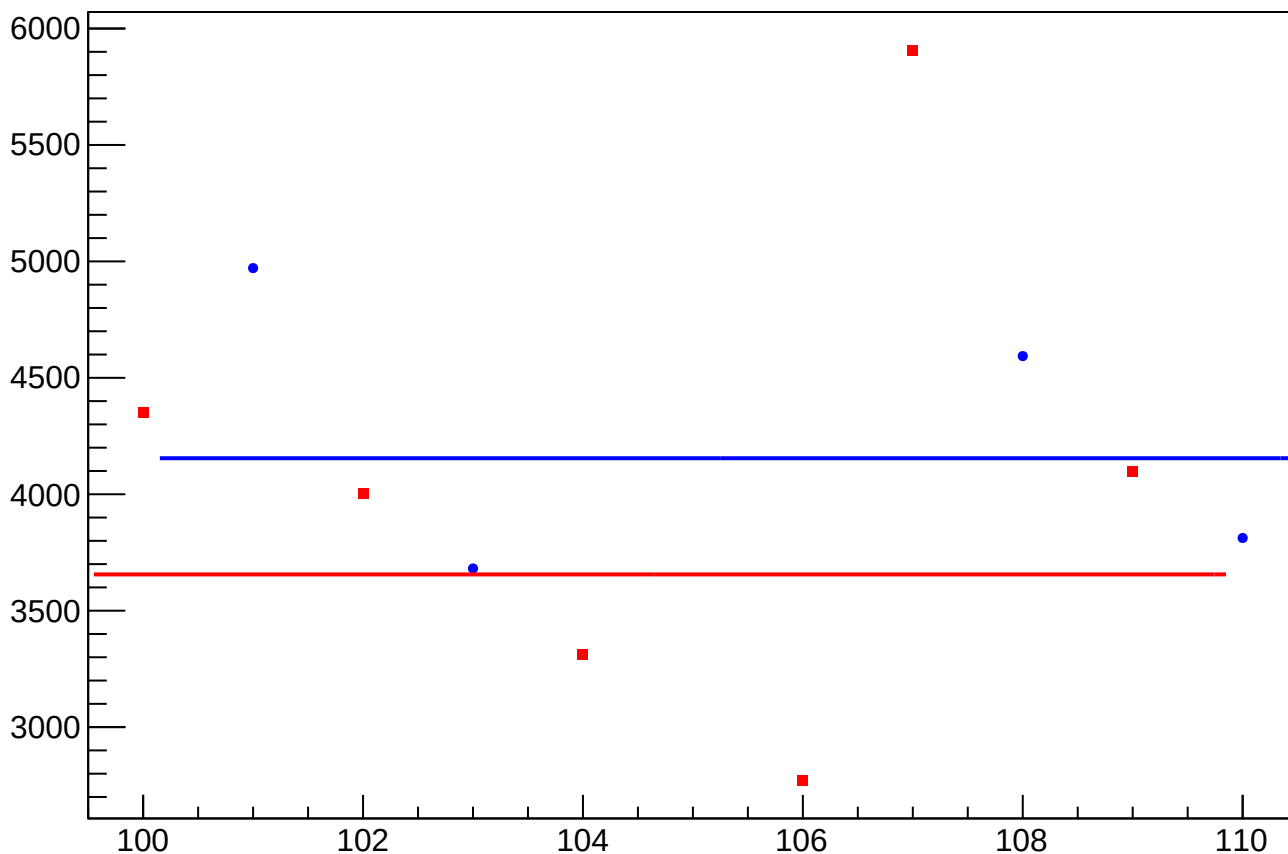
Right: 116.937+/-1899.619 χ^2/NDF : 9.4/9

In: -4284.400+/-2944.814 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.937+/-1899.619 χ^2/NDF : 9.4/9

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4154.733+/-2.082 χ^2/NDF : 68473.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3655.833+/-1.758 χ^2/NDF : 159243.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

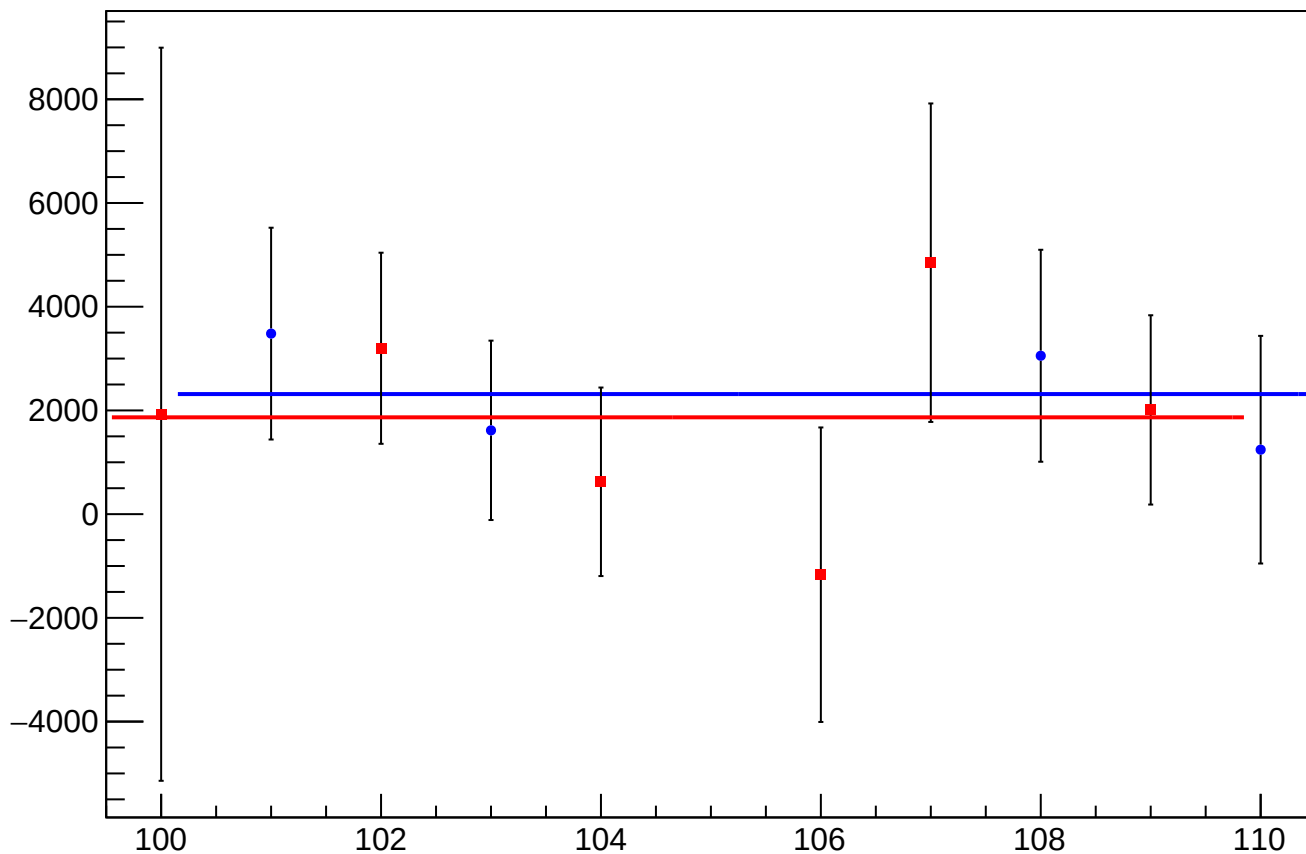
Right: 3863.435+/-1.343 χ^2/NDF : 261234.3/9

In: 4154.733+/-2.082 χ^2/NDF : 68473.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3863.435+/-1.343 χ^2/NDF : 261234.3/9

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2315.355+/-989.581 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1866.918+/-933.516 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

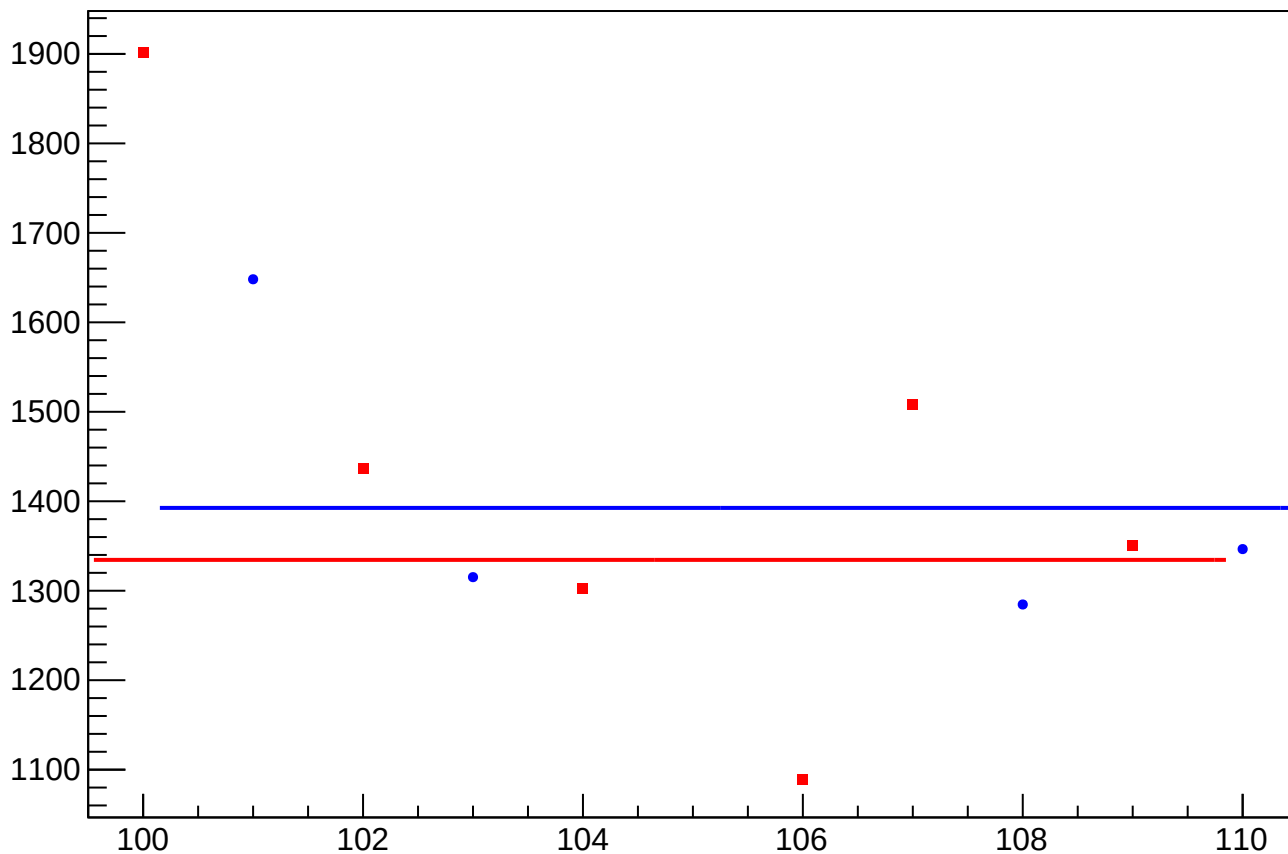
Right: 2078.074+/-679.051 χ^2/NDF : 4.0/9

In: 2315.355+/-989.581 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2078.074+/-679.051 χ^2/NDF : 4.0/9

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1392.580+/-0.700 χ^2/NDF : 41786.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.479+/-0.633 χ^2/NDF : 53249.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

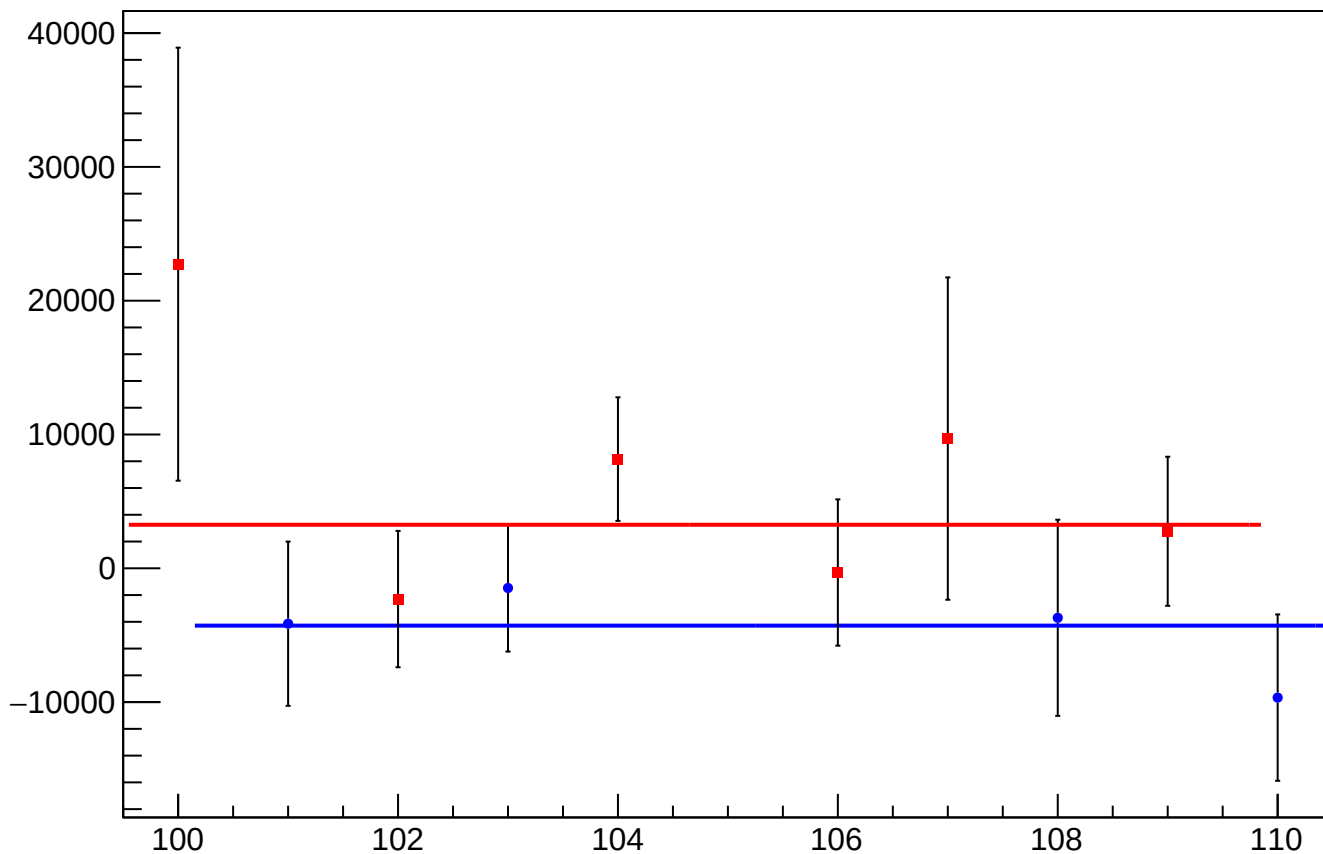
Right: 1360.626+/-0.469 χ^2/NDF : 98827.5/9

In: 1392.580+/-0.700 χ^2/NDF : 41786.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.626+/-0.469 χ^2/NDF : 98827.5/9

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4284.400+/-2944.814 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3253.670+/-2486.018 χ^2/NDF : 4.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

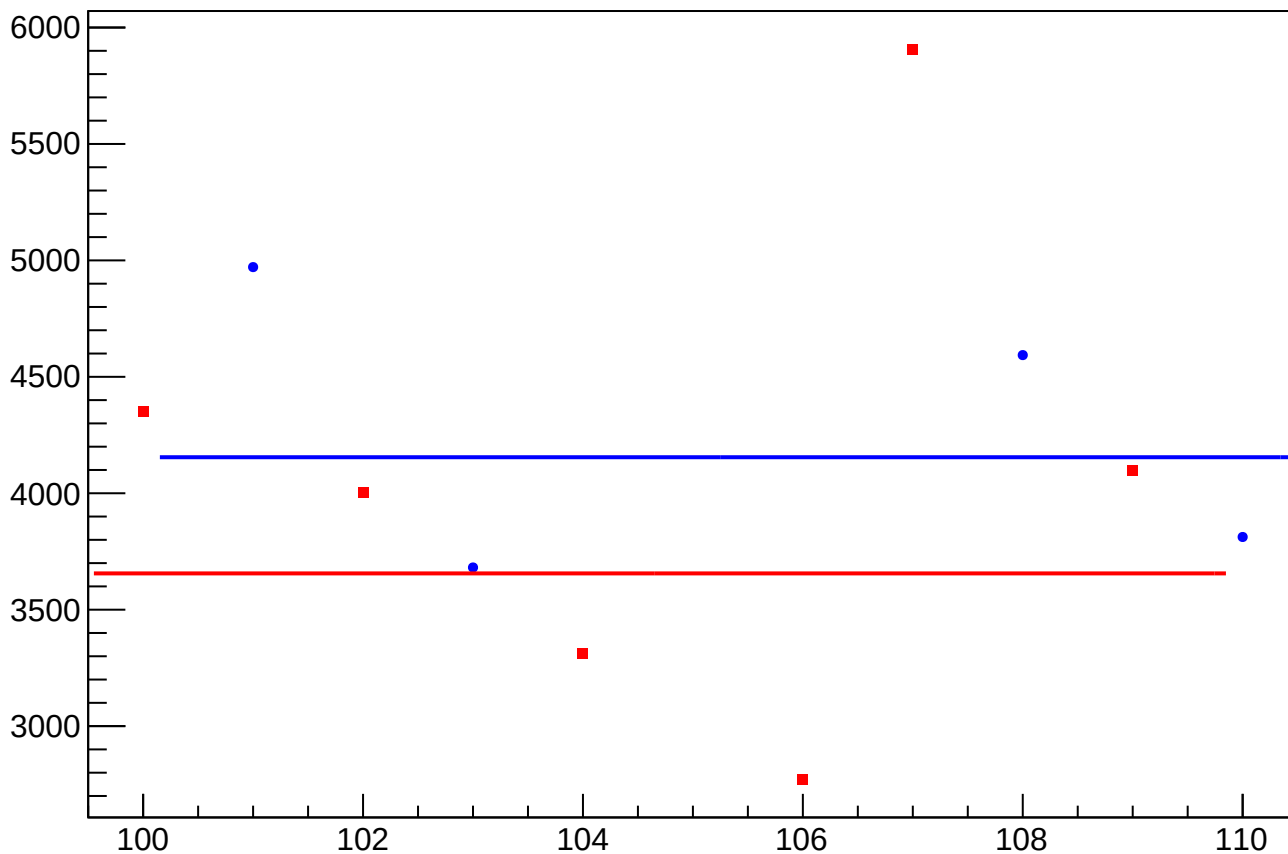
Right: 116.937+/-1899.619 χ^2/NDF : 9.4/9

In: -4284.400+/-2944.814 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.937+/-1899.619 χ^2/NDF : 9.4/9

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4154.733+/-2.082 χ^2/NDF : 68473.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3655.833+/-1.758 χ^2/NDF : 159243.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

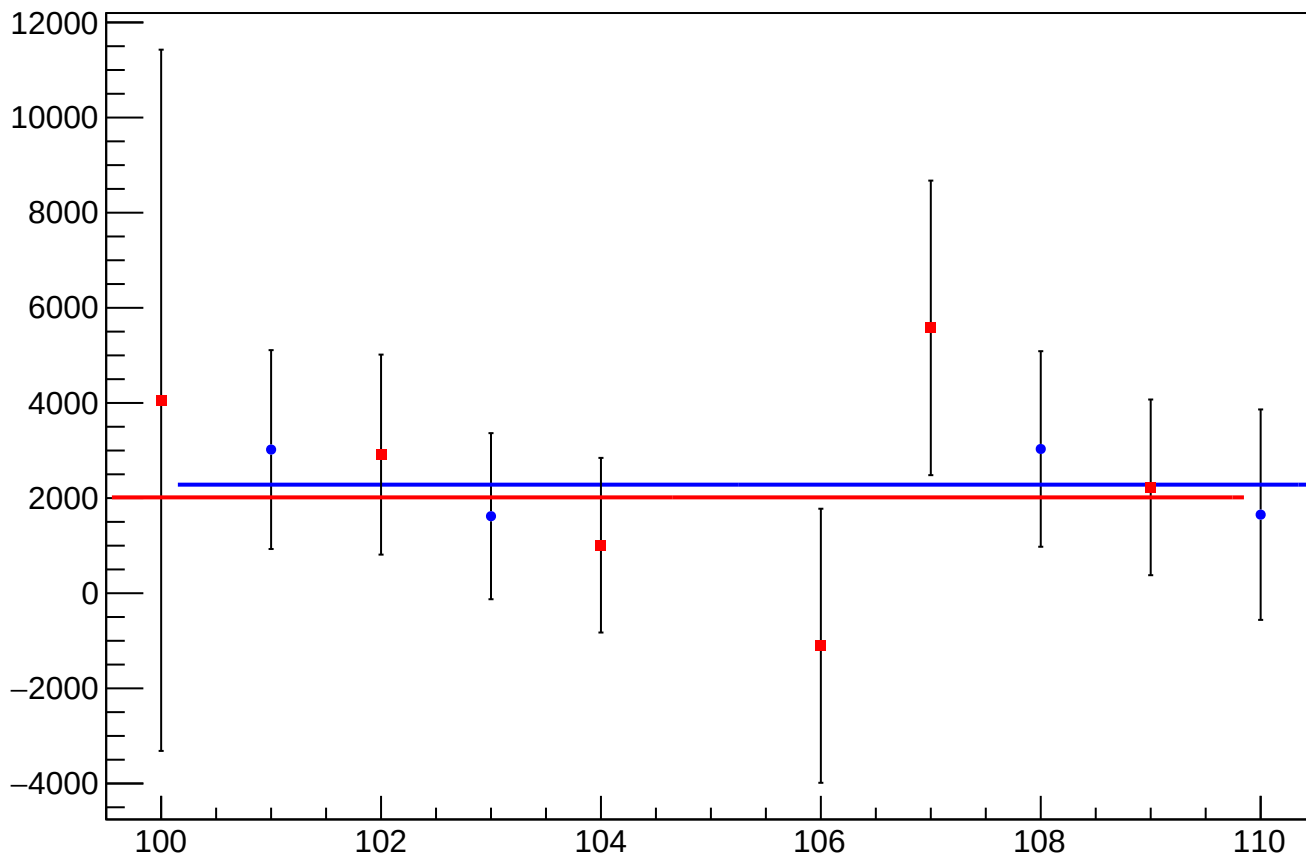
Right: 3863.435+/-1.343 χ^2/NDF : 261234.3/9

In: 4154.733+/-2.082 χ^2/NDF : 68473.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3863.435+/-1.343 χ^2/NDF : 261234.3/9

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2282.436+/-1001.042 χ^2/NDF : 0.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2015.196+/-971.572 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

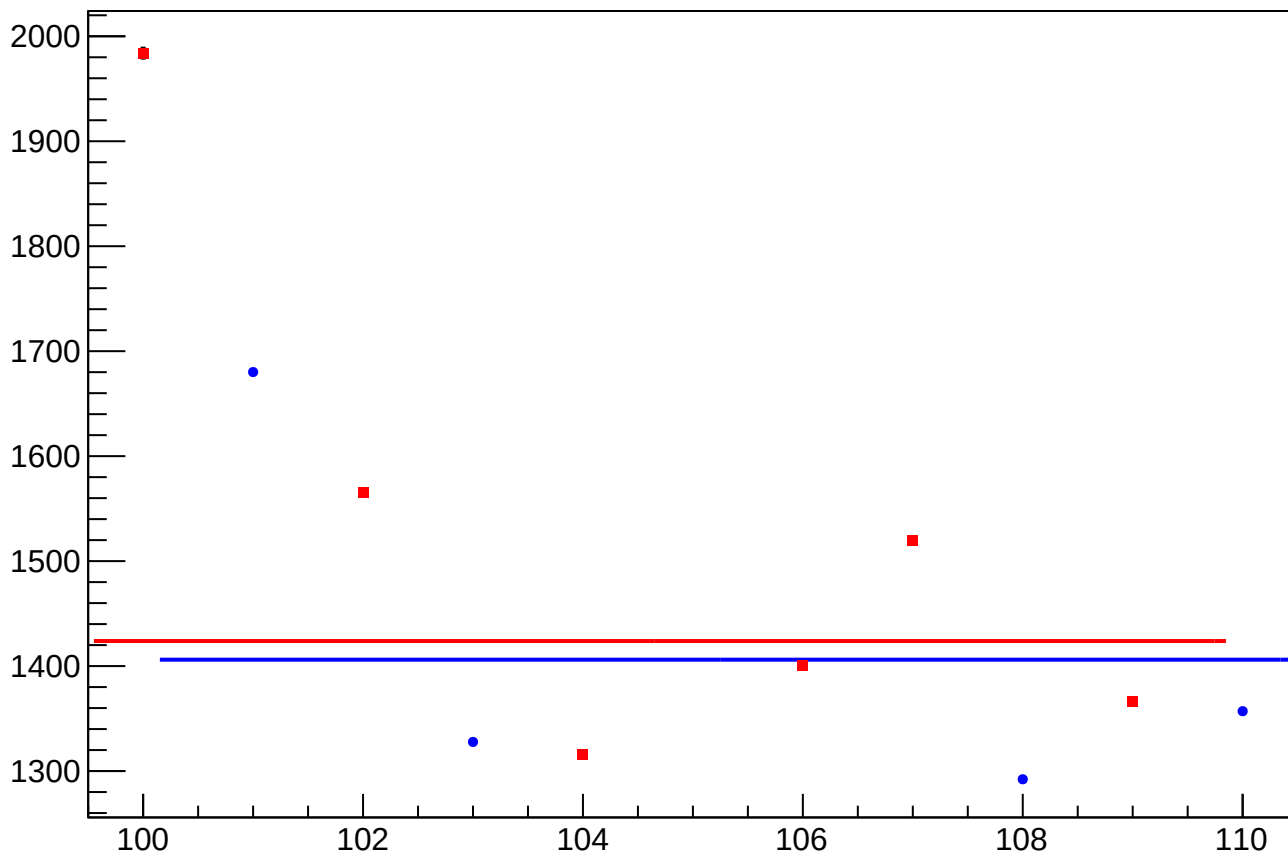
Right: 2144.825+/-697.191 χ^2/NDF : 3.6/9

In: 2282.436+/-1001.042 χ^2/NDF : 0.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2144.825+/-697.191 χ^2/NDF : 3.6/9

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1406.098+/-0.708 χ^2/NDF : 45511.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1423.868+/-0.681 χ^2/NDF : 31574.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

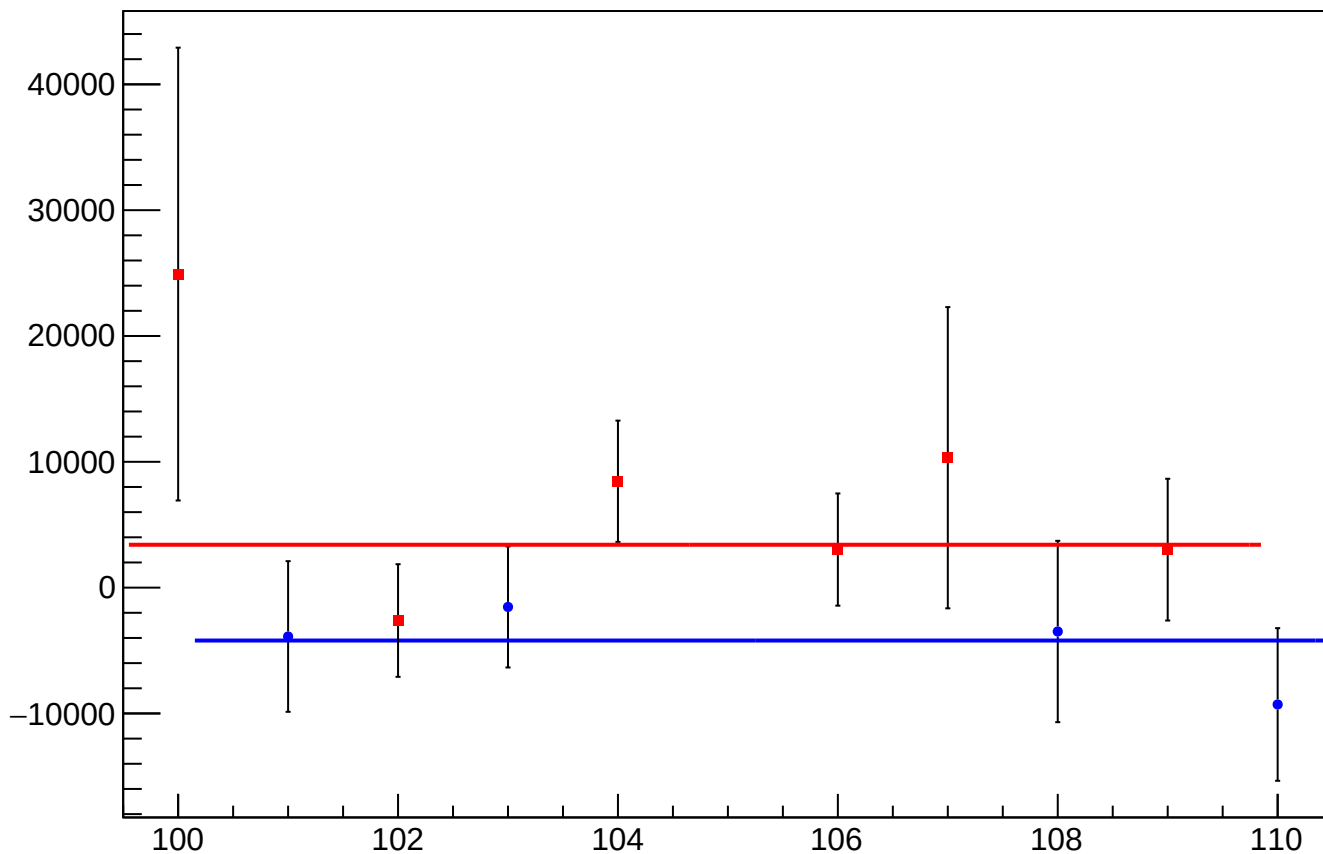
Right: 1415.328+/-0.491 χ^2/NDF : 77413.4/9

In: 1406.098+/-0.708 χ^2/NDF : 45511.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1415.328+/-0.491 χ^2/NDF : 77413.4/9

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4204.496+/-2916.641 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3408.051+/-2325.983 χ^2/NDF : 4.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

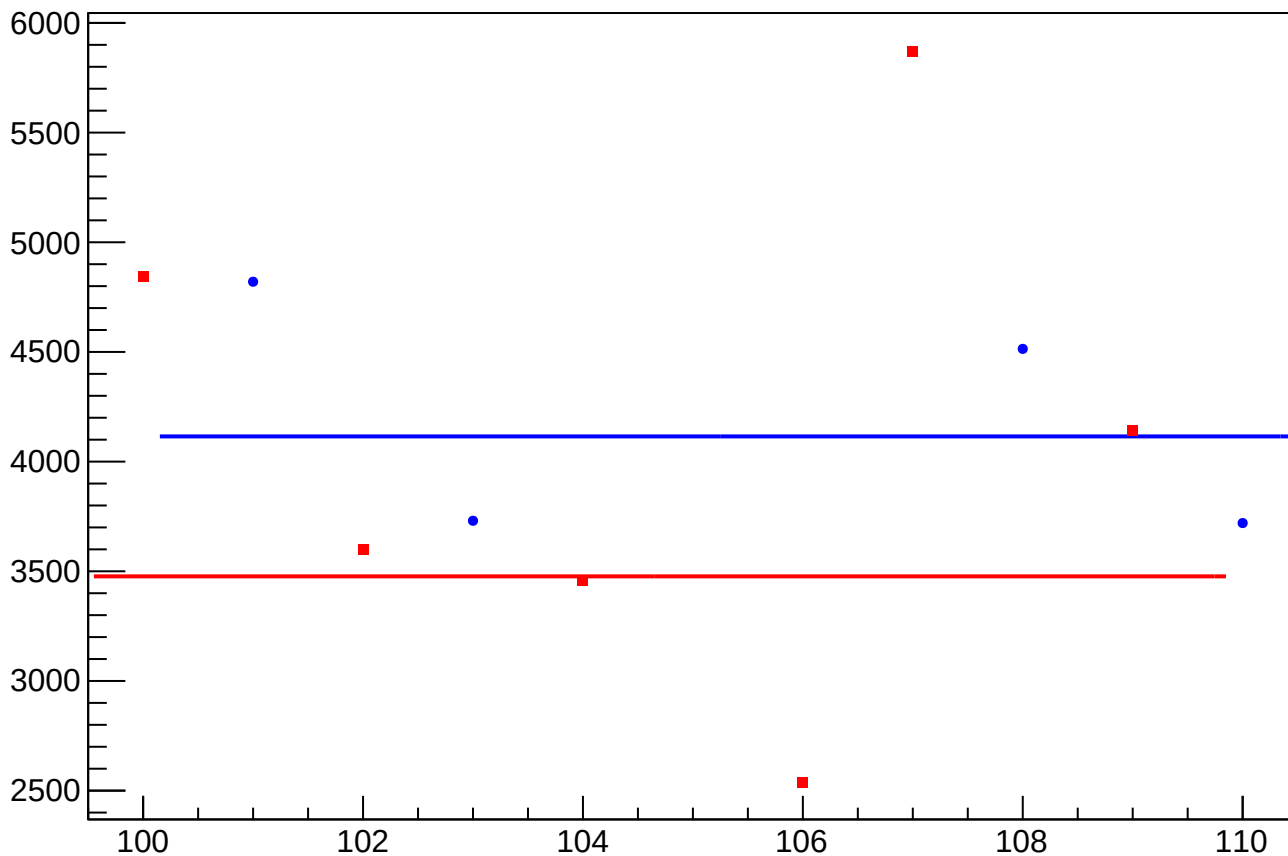
Right: 448.692+/-1818.514 χ^2/NDF : 9.9/9

In: -4204.496+/-2916.641 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.692+/-1818.514 χ^2/NDF : 9.9/9

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4114.917+/-2.062 χ^2/NDF : 55149.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3476.853+/-1.645 χ^2/NDF : 209417.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

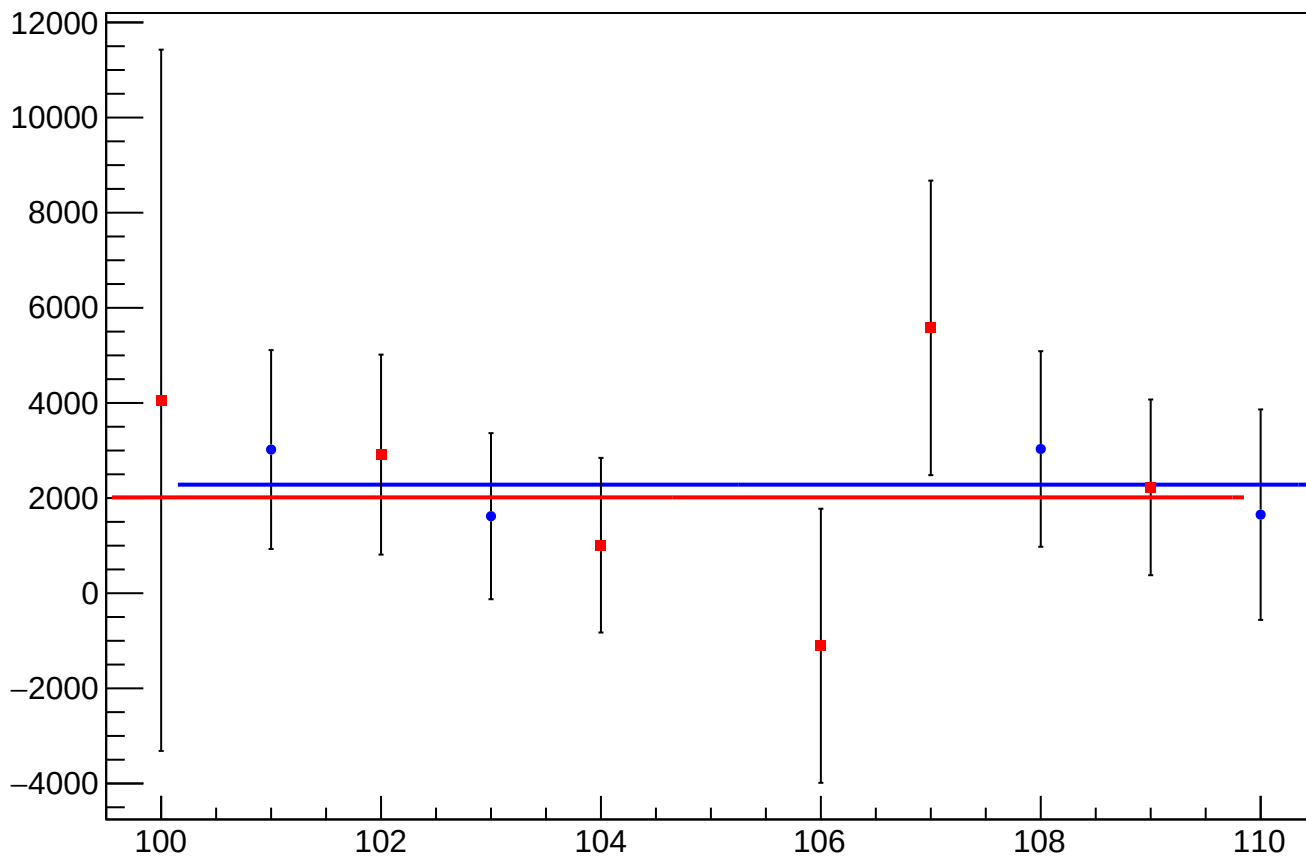
Right: 3724.899+/-1.286 χ^2/NDF : 323074.9/9

In: 4114.917+/-2.062 χ^2/NDF : 55149.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3724.899+/-1.286 χ^2/NDF : 323074.9/9

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2282.447+/-1001.042 χ^2/NDF : 0.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2015.196+/-971.572 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

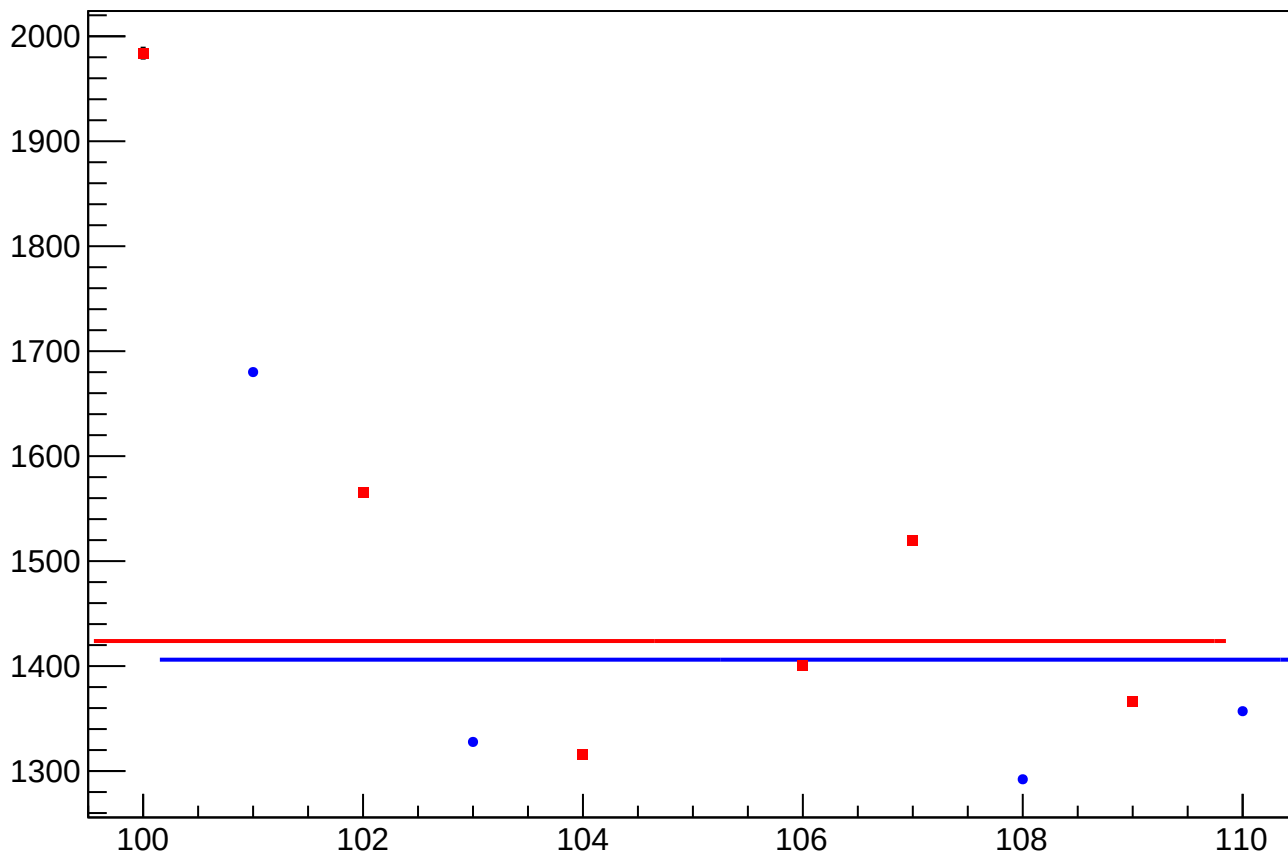
Right: 2144.830+/-697.191 χ^2/NDF : 3.6/9

In: 2282.447+/-1001.042 χ^2/NDF : 0.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2144.830+/-697.191 χ^2/NDF : 3.6/9

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1406.098+/-0.708 χ^2/NDF : 45511.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1423.867+/-0.681 χ^2/NDF : 31574.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

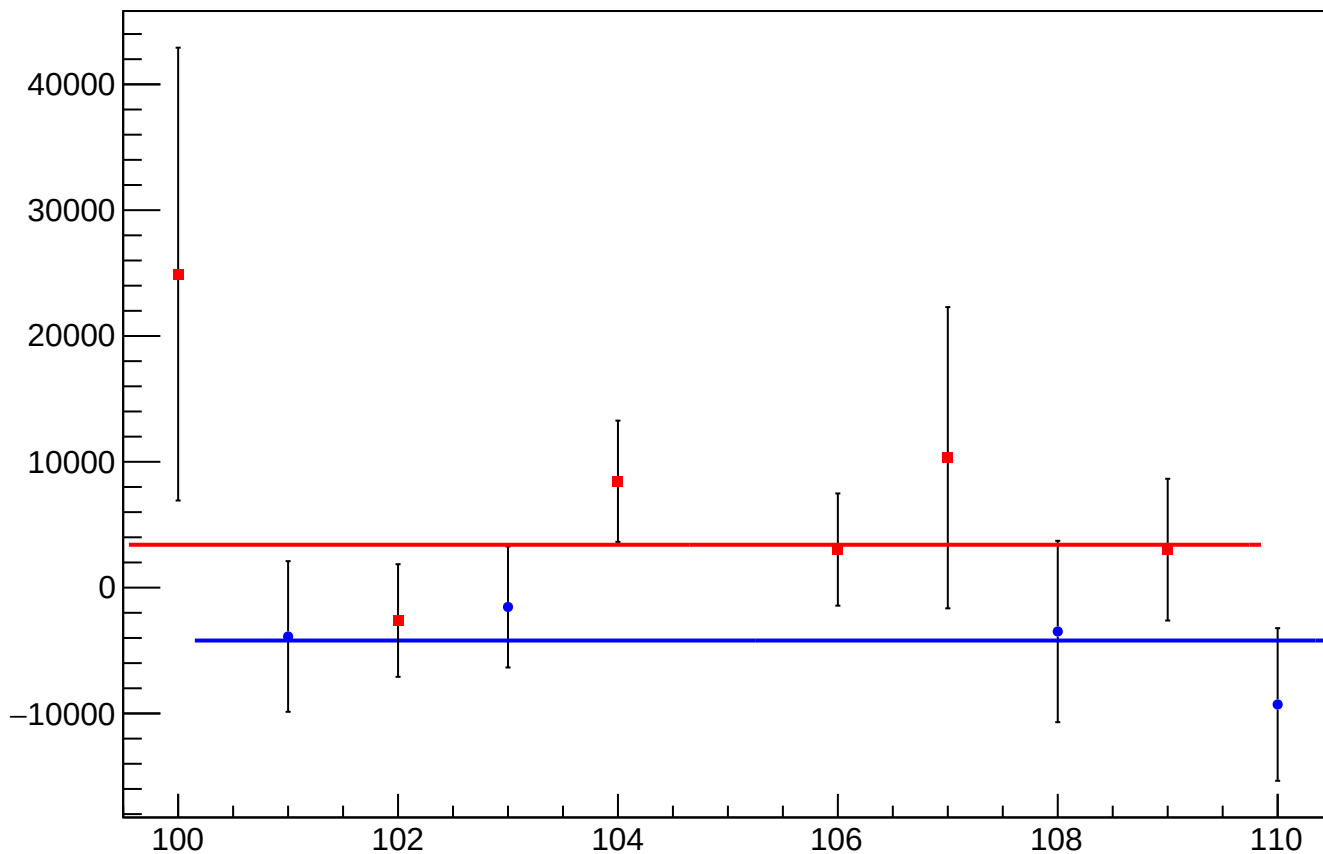
Right: 1415.328+/-0.491 χ^2/NDF : 77413.2/9

In: 1406.098+/-0.708 χ^2/NDF : 45511.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1415.328+/-0.491 χ^2/NDF : 77413.2/9

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4204.490+/-2916.636 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3408.050+/-2325.979 χ^2/NDF : 4.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

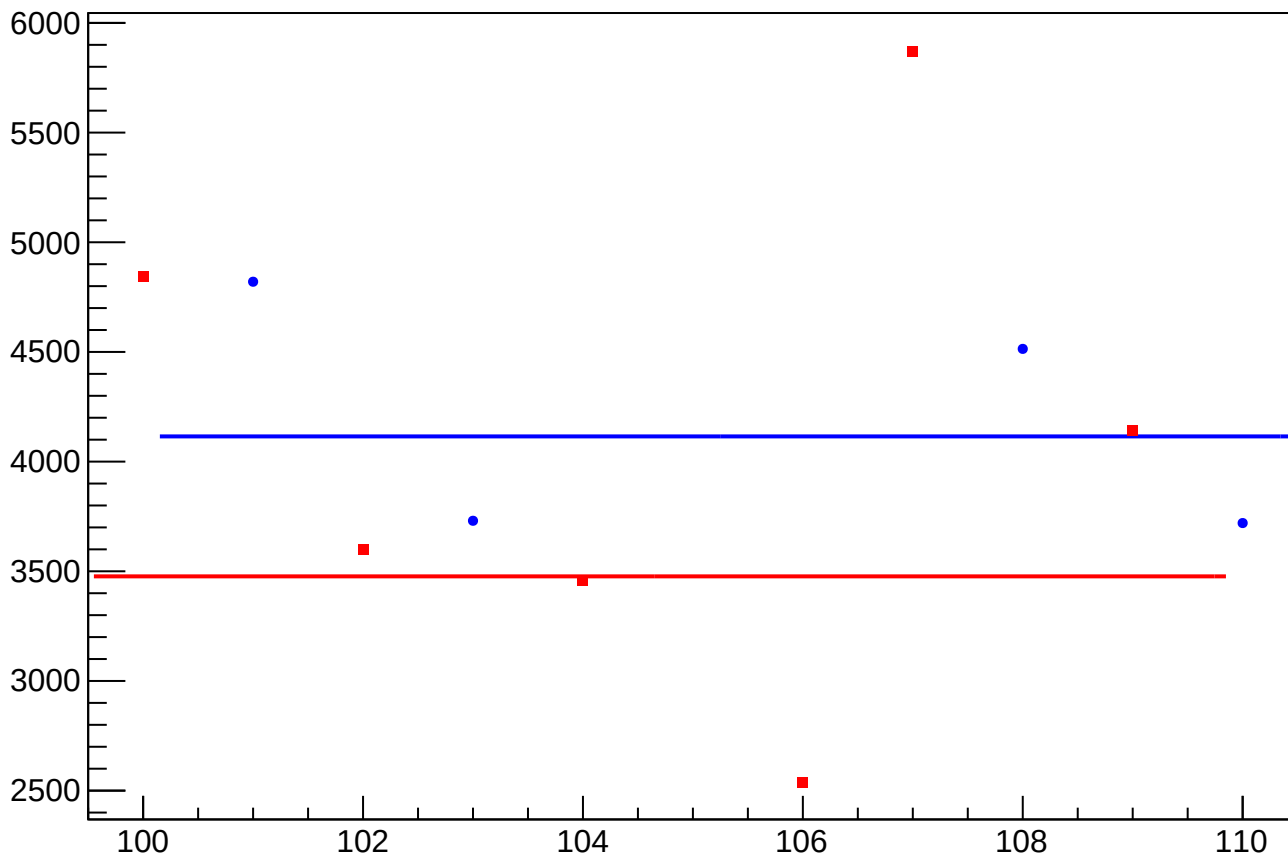
Right: 448.693+/-1818.512 χ^2/NDF : 9.9/9

In: -4204.490+/-2916.636 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.693+/-1818.512 χ^2/NDF : 9.9/9

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4114.911+/-2.062 χ^2/NDF : 55149.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3476.848+/-1.645 χ^2/NDF : 209417.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

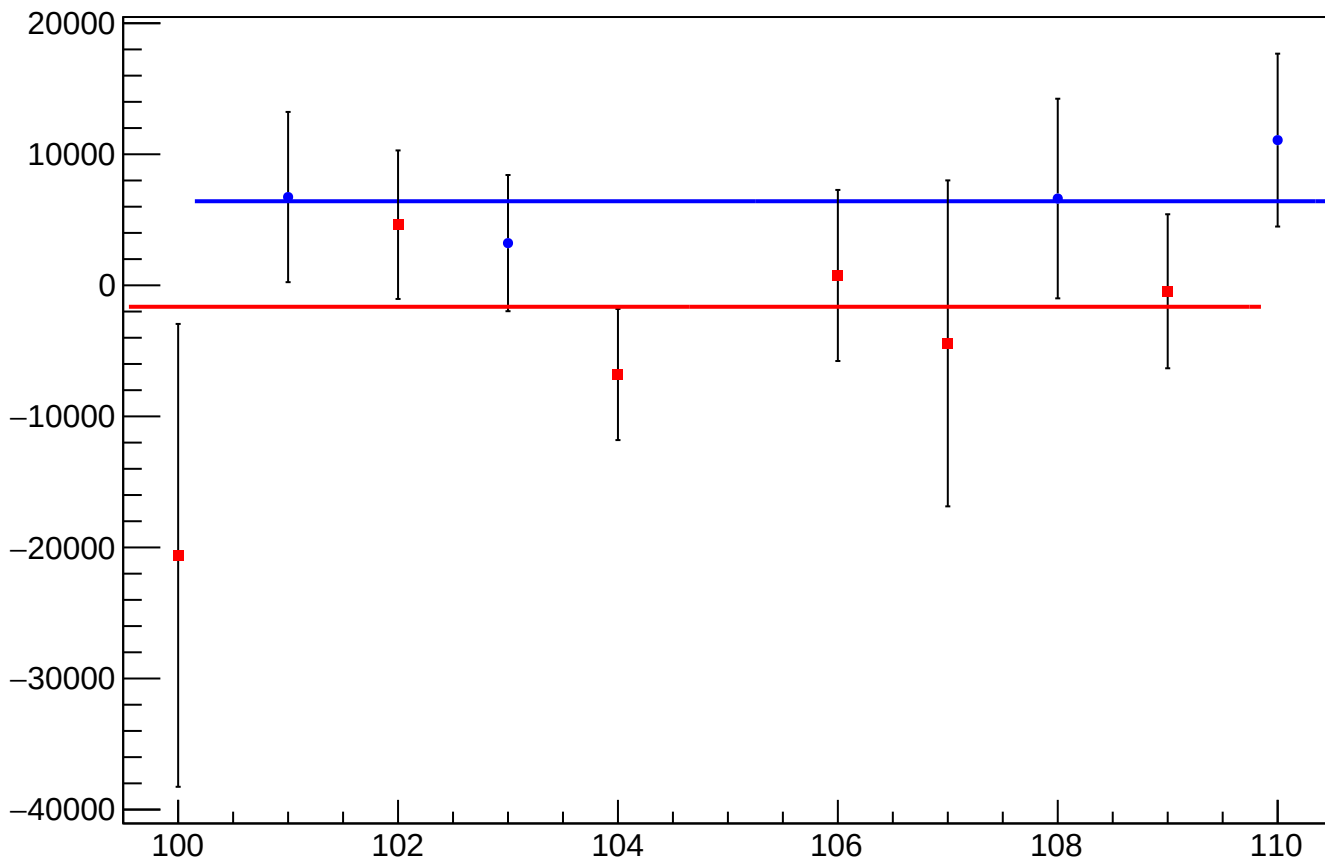
Right: 3724.893+/-1.286 χ^2/NDF : 323074.5/9

In: 4114.911+/-2.062 χ^2/NDF : 55149.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3724.893+/-1.286 χ^2/NDF : 323074.5/9

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 6416.510+/-3146.820 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1636.010+/-2739.983 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

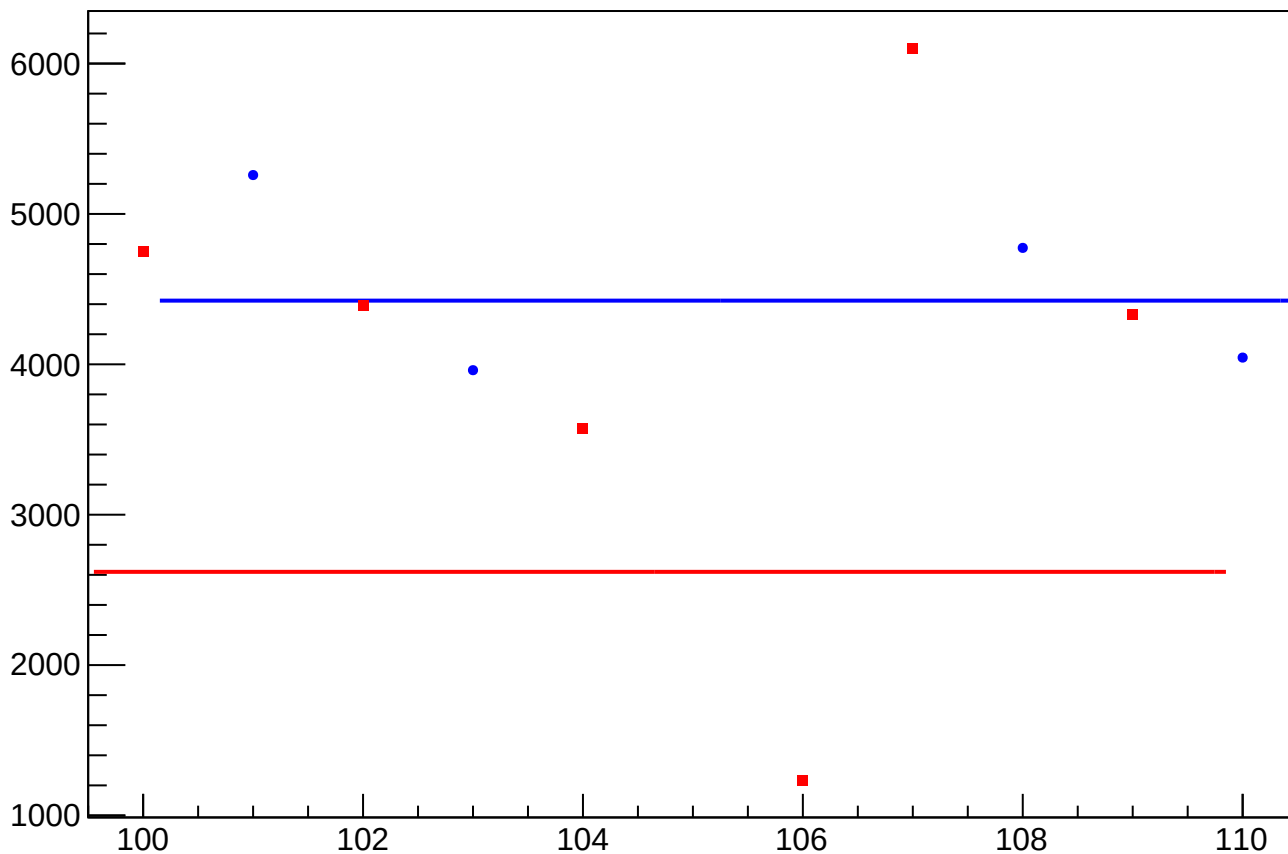
Right: 1836.387+/-2066.429 χ^2/NDF : 8.3/9

In: 6416.510+/-3146.820 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1836.387+/-2066.429 χ^2/NDF : 8.3/9

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 4423.565+/-2.225 χ^2/NDF : 59749.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2620.027+/-1.463 χ^2/NDF : 1099116.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

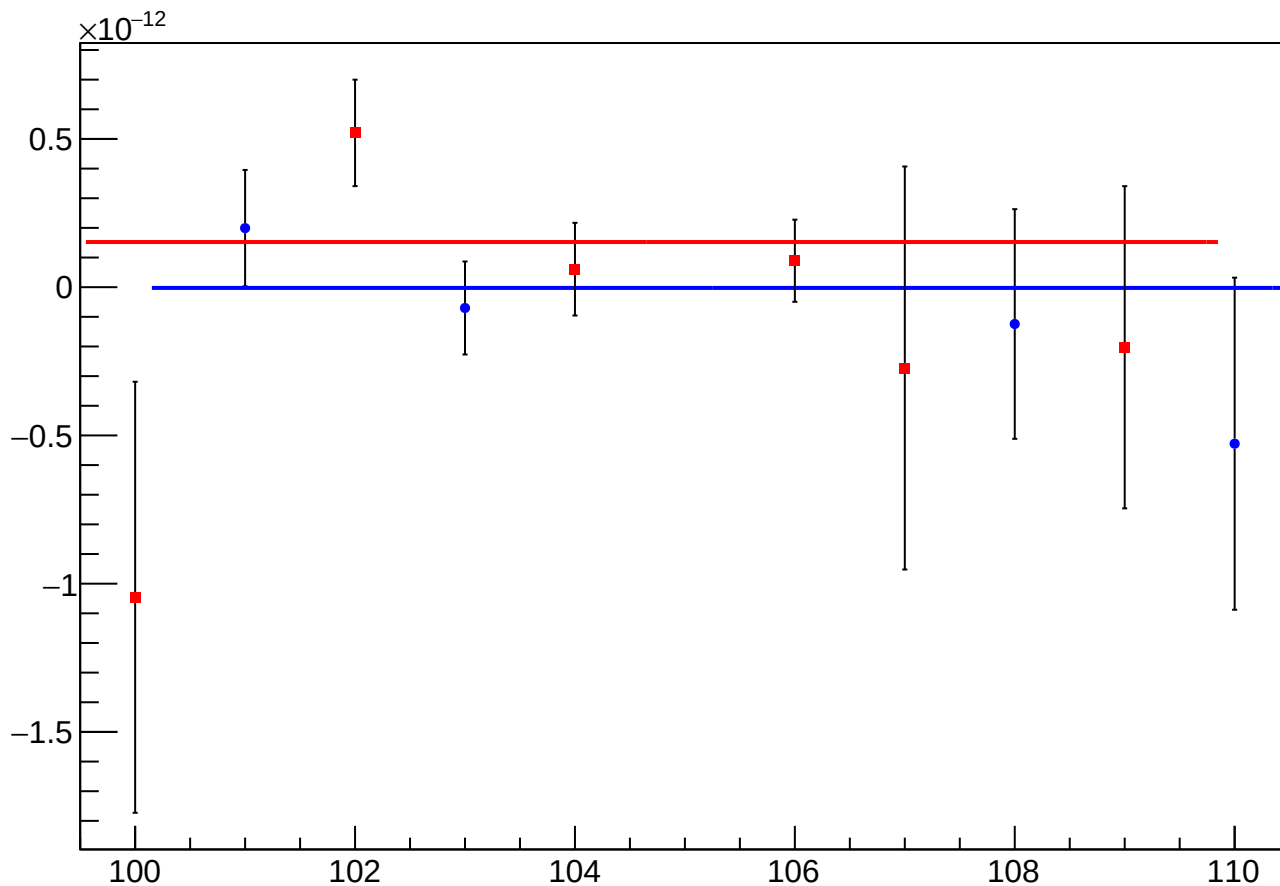
Right: 3164.301+/-1.222 χ^2/NDF : 1617575.4/9

In: 4423.565+/-2.225 χ^2/NDF : 59749.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3164.301+/-1.222 χ^2/NDF : 1617575.4/9

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

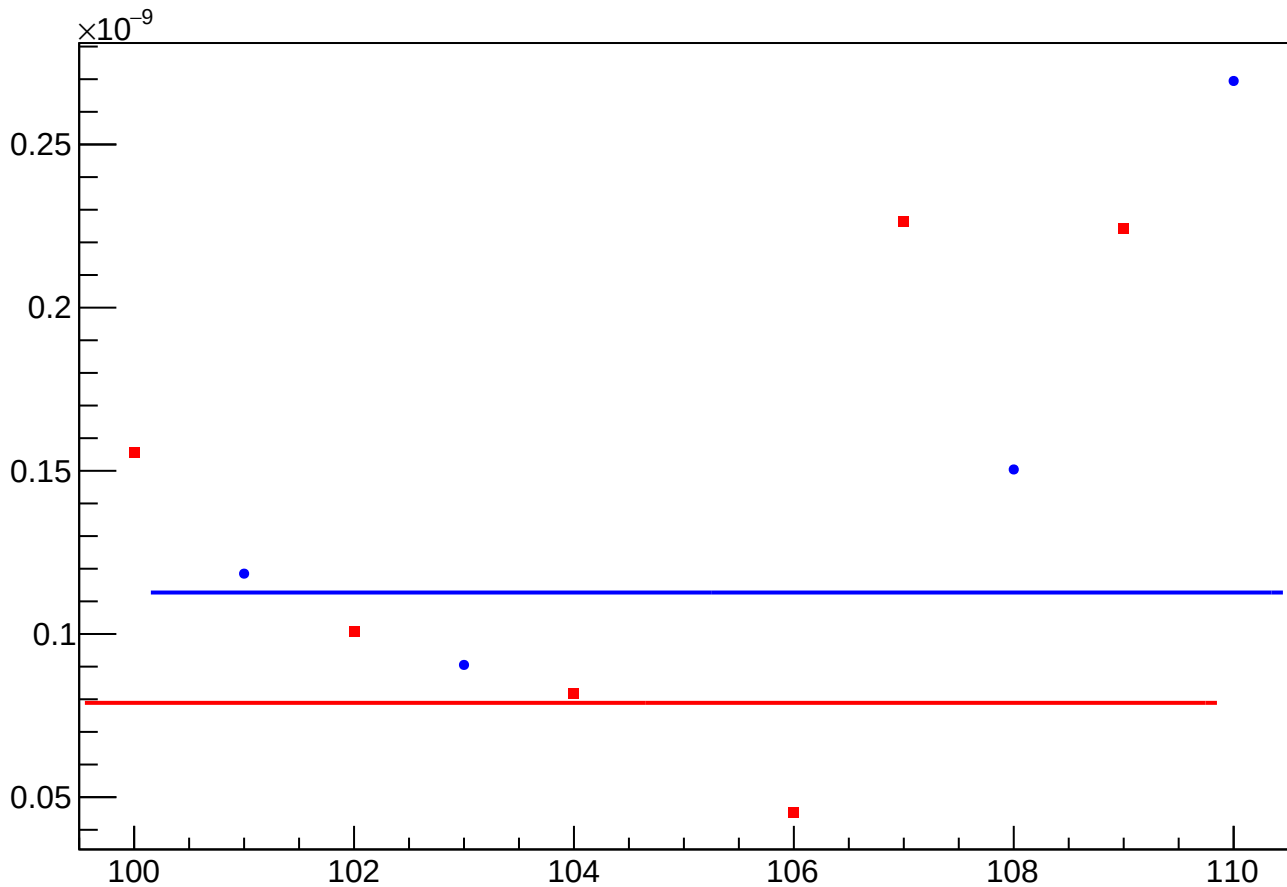
Right: 0.000+/-0.000 χ^2/NDF : 11.7/9

In: -0.000+/-0.000 χ^2/NDF : 2.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.7/9

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 217398.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 407755.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

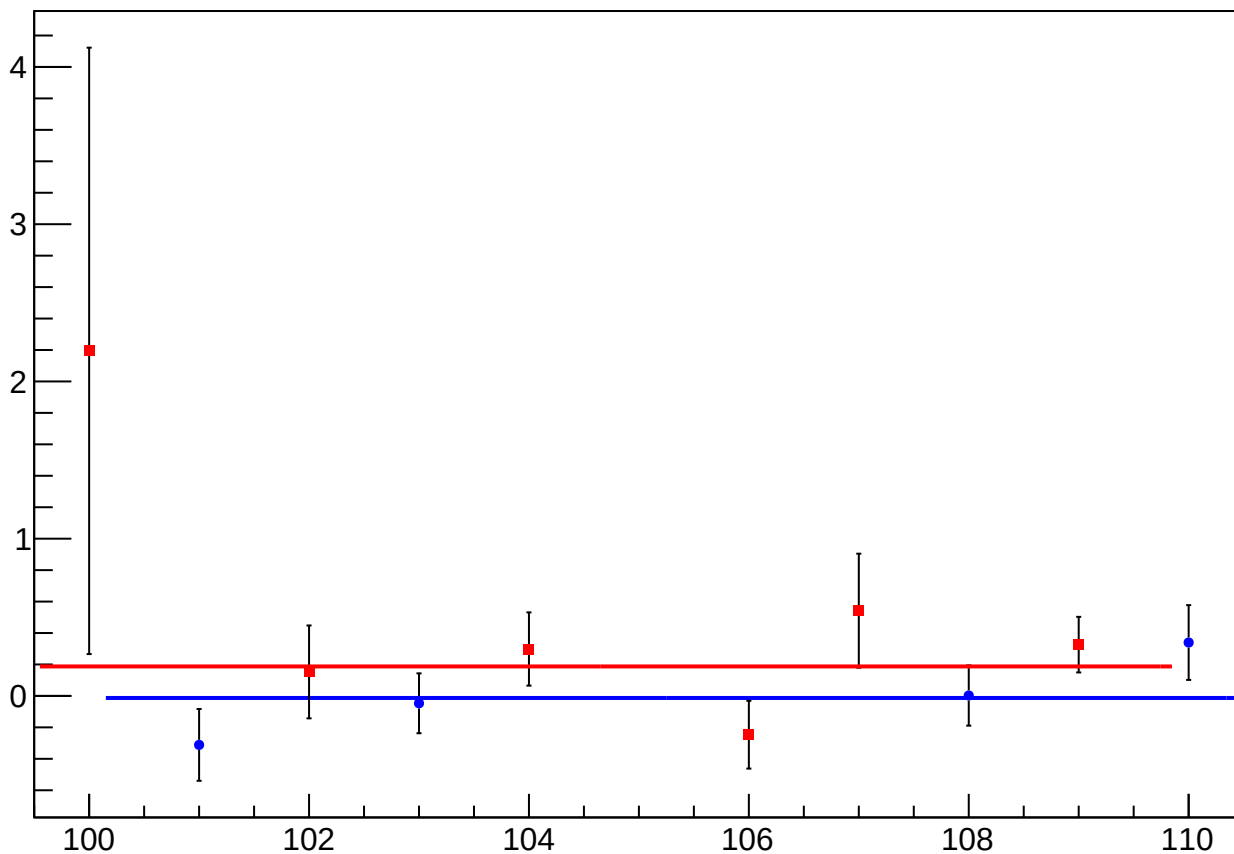
Right: 0.000+/-0.000 χ^2/NDF : 735681.6/9

In: 0.000+/-0.000 χ^2/NDF : 217398.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 735681.6/9

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.104 χ^2 /NDF: 3.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.187 $\pm$ 0.105 χ^2 /NDF: 6.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

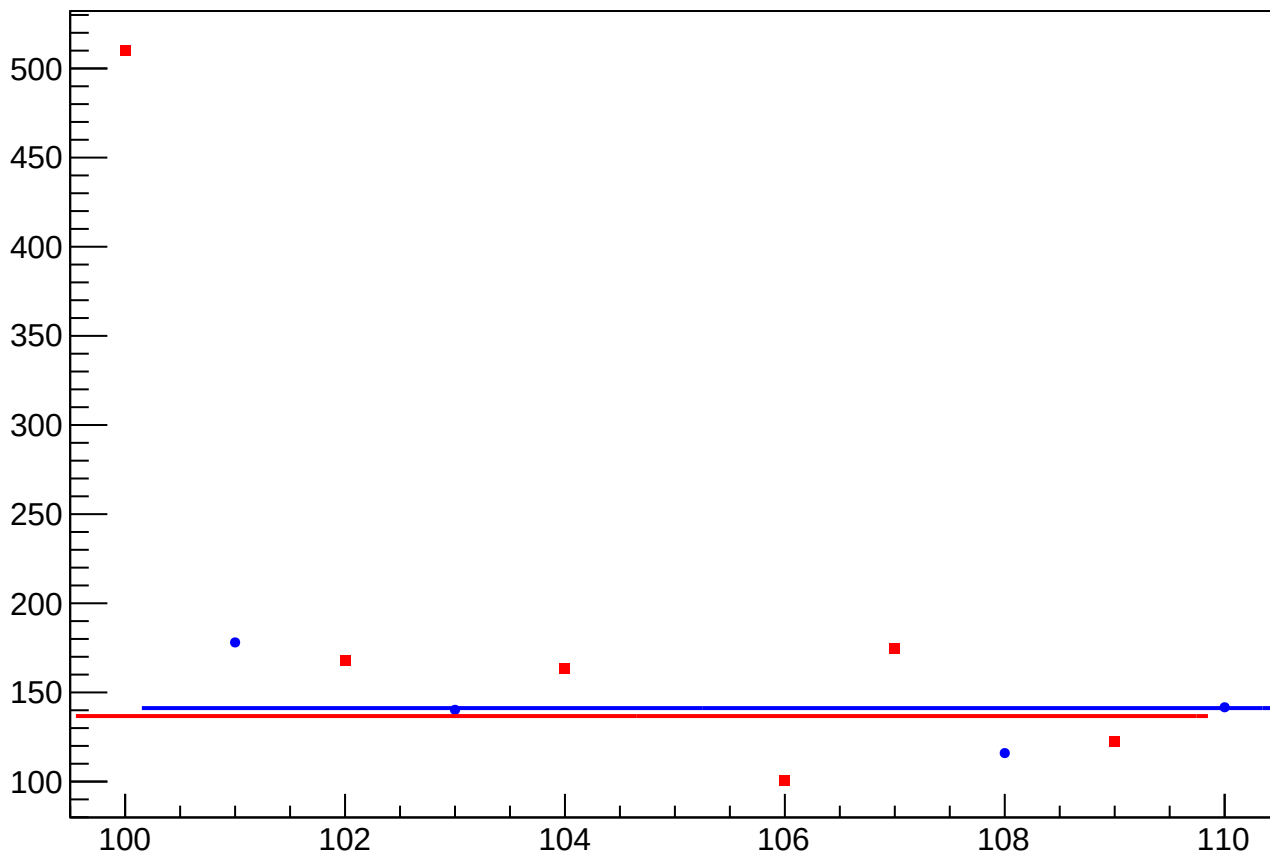
Right: 0.087 $\pm$ 0.074 χ^2 /NDF: 12.7/9

In: -0.013 $\pm$ 0.104 χ^2 /NDF:3.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.087 $\pm$ 0.074 χ^2 /NDF: 12.7/9

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.214+/-0.074 χ^2/NDF : 86792.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.740+/-0.074 χ^2/NDF : 214193.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

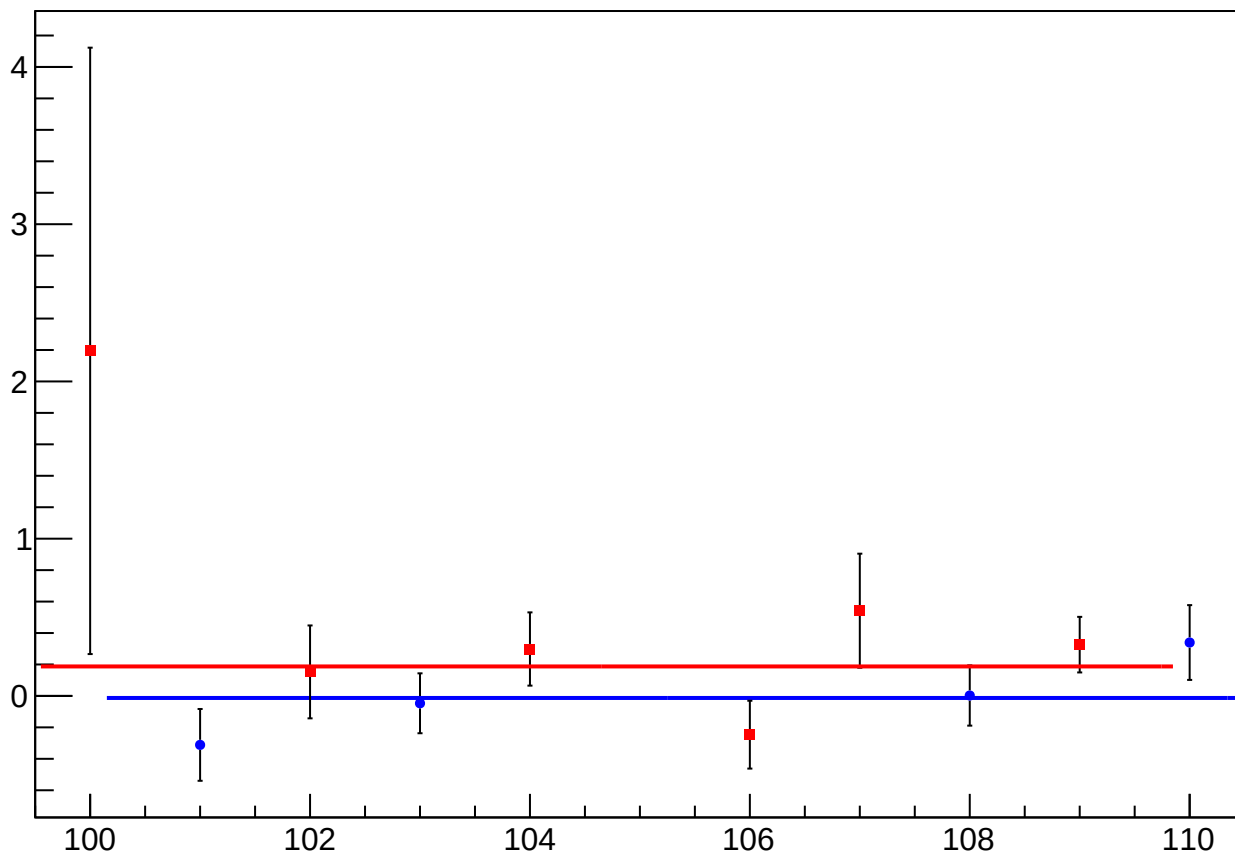
Right: 138.982+/-0.052 χ^2/NDF : 302816.2/9

In: 141.214+/-0.074 χ^2/NDF : 86792.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.982+/-0.052 χ^2/NDF : 302816.2/9

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.104 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.187+/-0.105 χ^2/NDF : 6.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

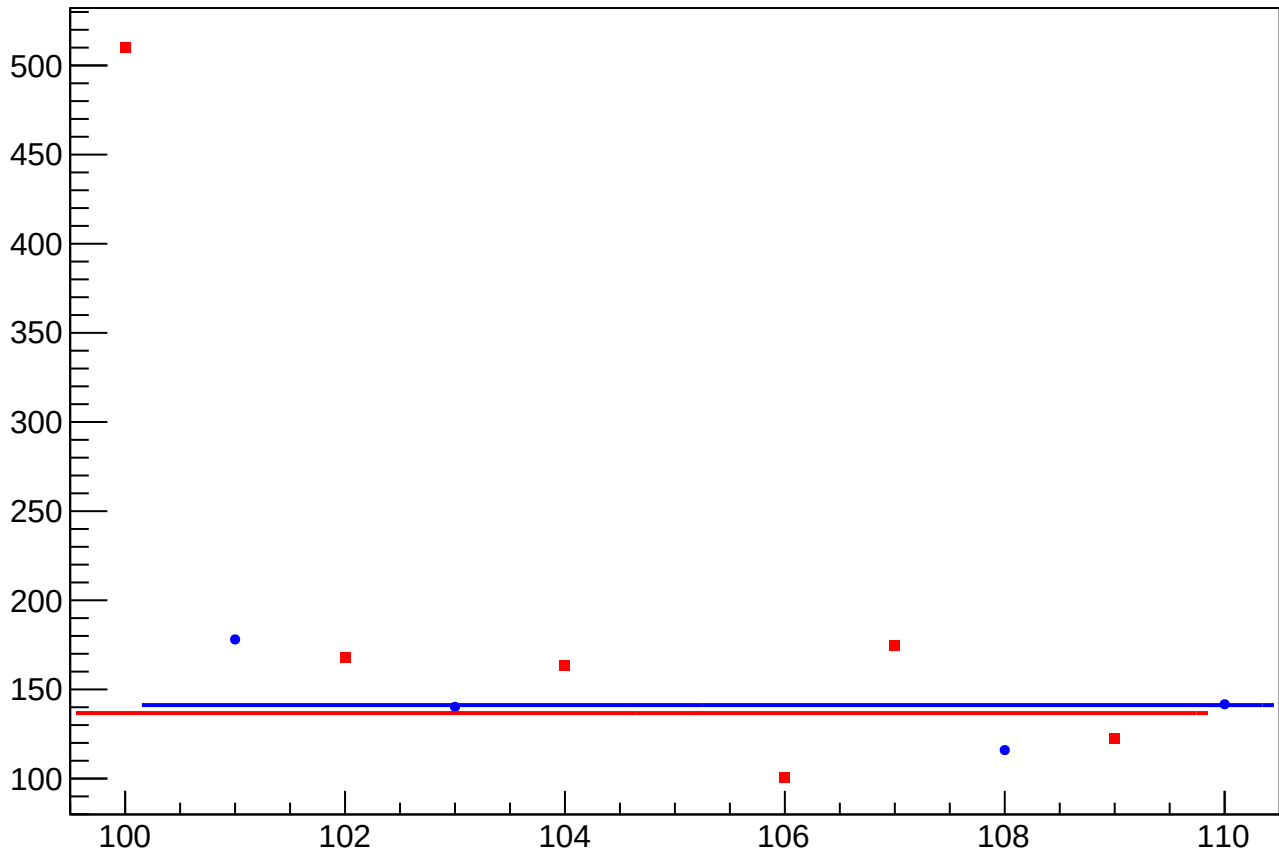
Right: 0.087+/-0.074 χ^2/NDF : 12.7/9

In: -0.013+/-0.104 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.087+/-0.074 χ^2/NDF : 12.7/9

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.214+/-0.074 χ^2/NDF : 86792.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.740+/-0.074 χ^2/NDF : 214193.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

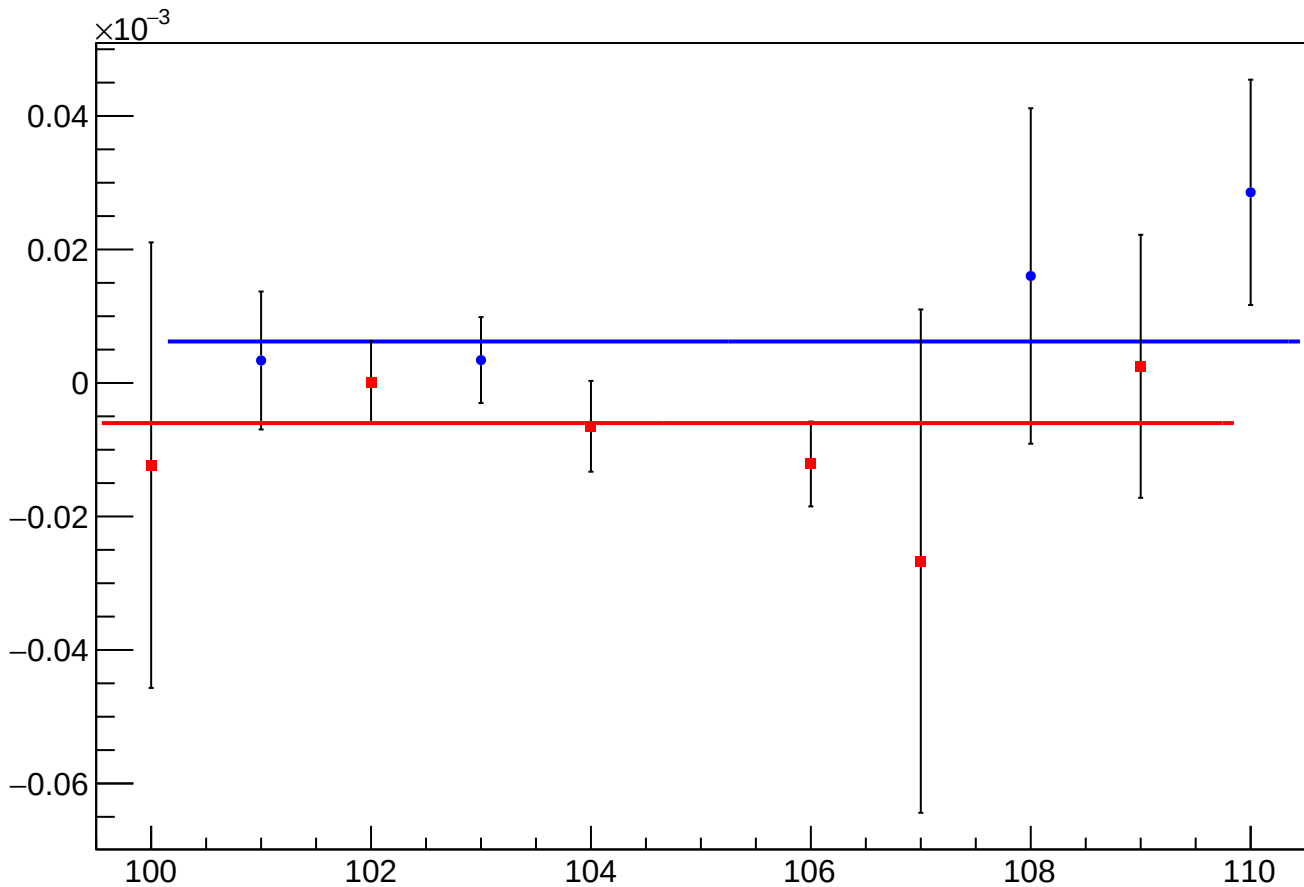
Right: 138.982+/-0.052 χ^2/NDF : 302816.2/9

In: 141.214+/-0.074 χ^2/NDF : 86792.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.982+/-0.052 χ^2/NDF : 302816.2/9

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

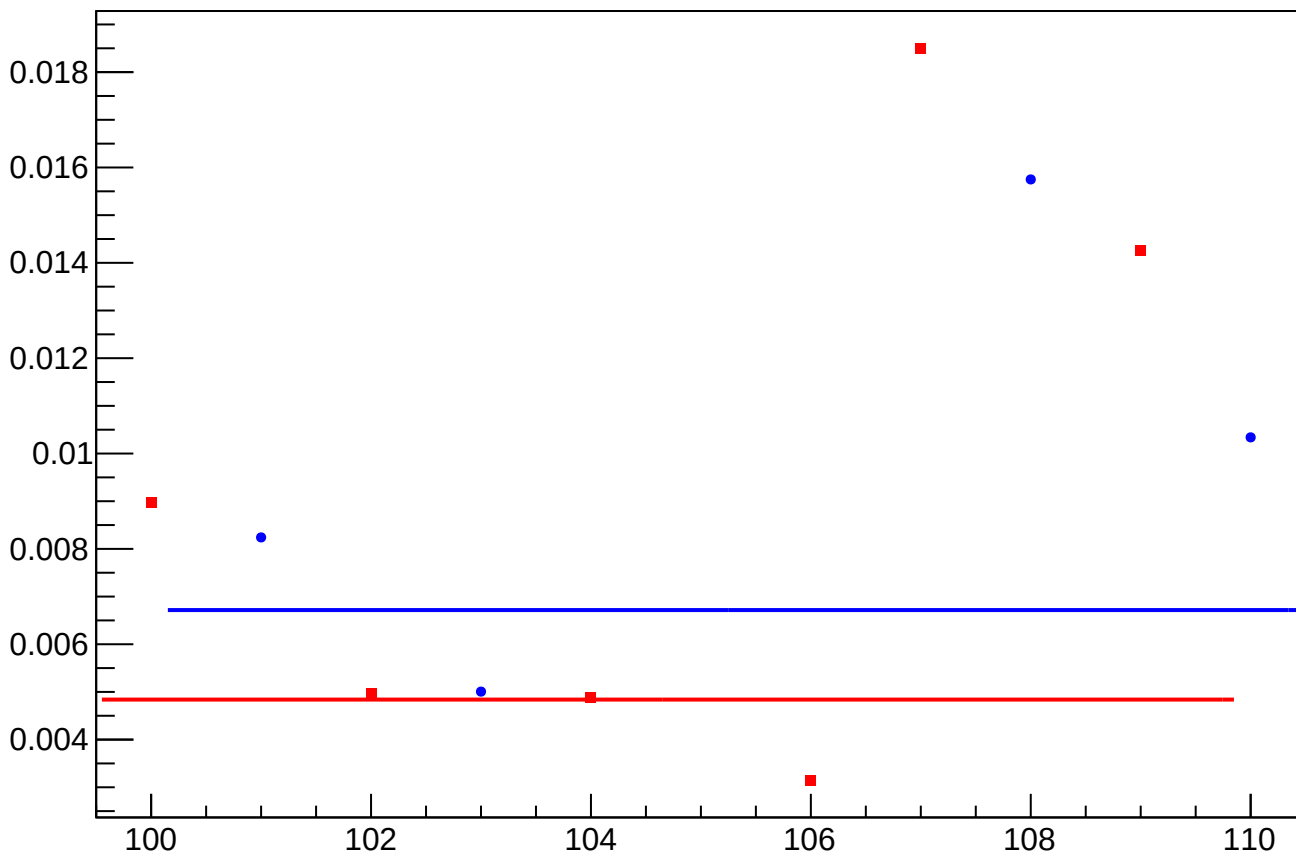
Right: -0.000+/-0.000 χ^2/NDF : 8.4/9

In: 0.000+/-0.000 χ^2/NDF : 2.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.4/9

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 535292.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 894147.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

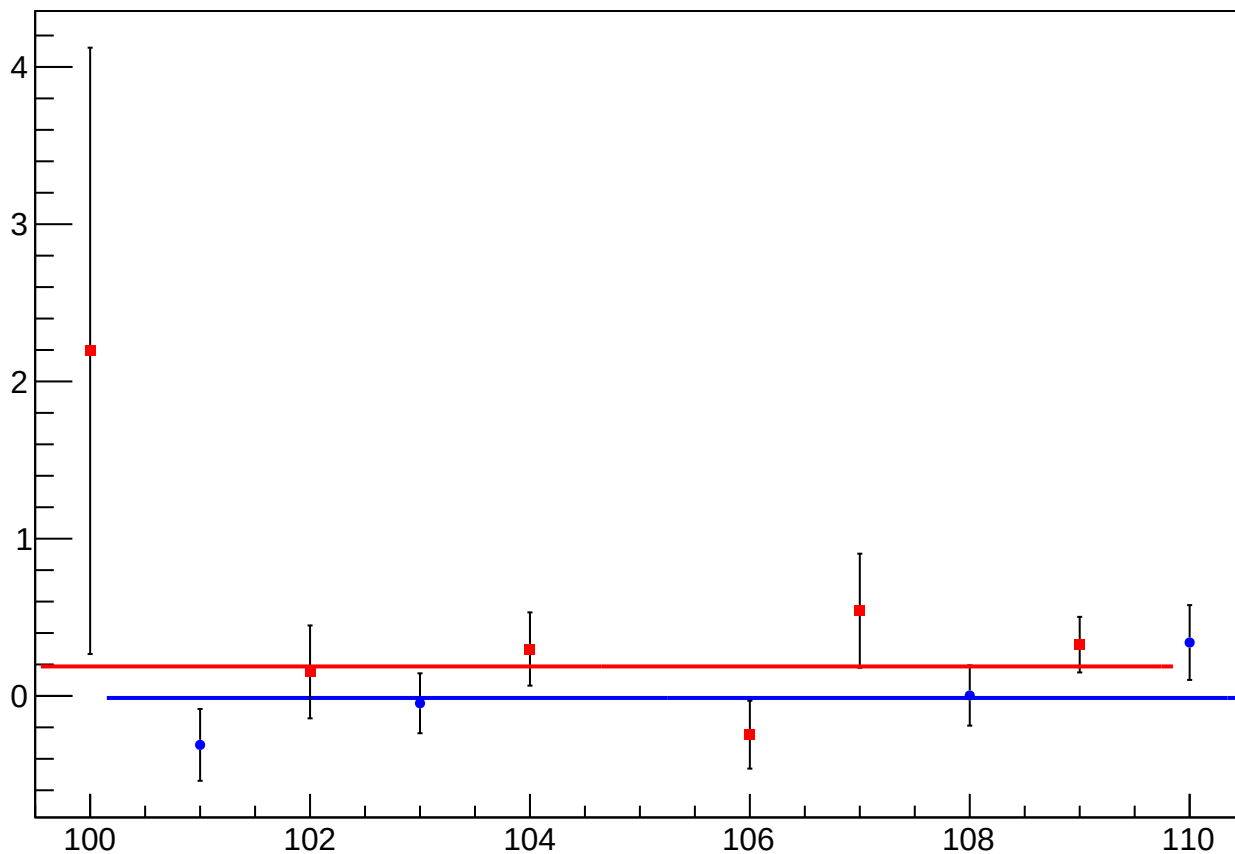
Right: 0.005+/-0.000 χ^2/NDF : 1610601.5/9

In: 0.007+/-0.000 χ^2/NDF : 535292.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1610601.5/9

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.104 χ^2/NDF : 3.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.187 ± 0.105 χ^2/NDF : 6.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

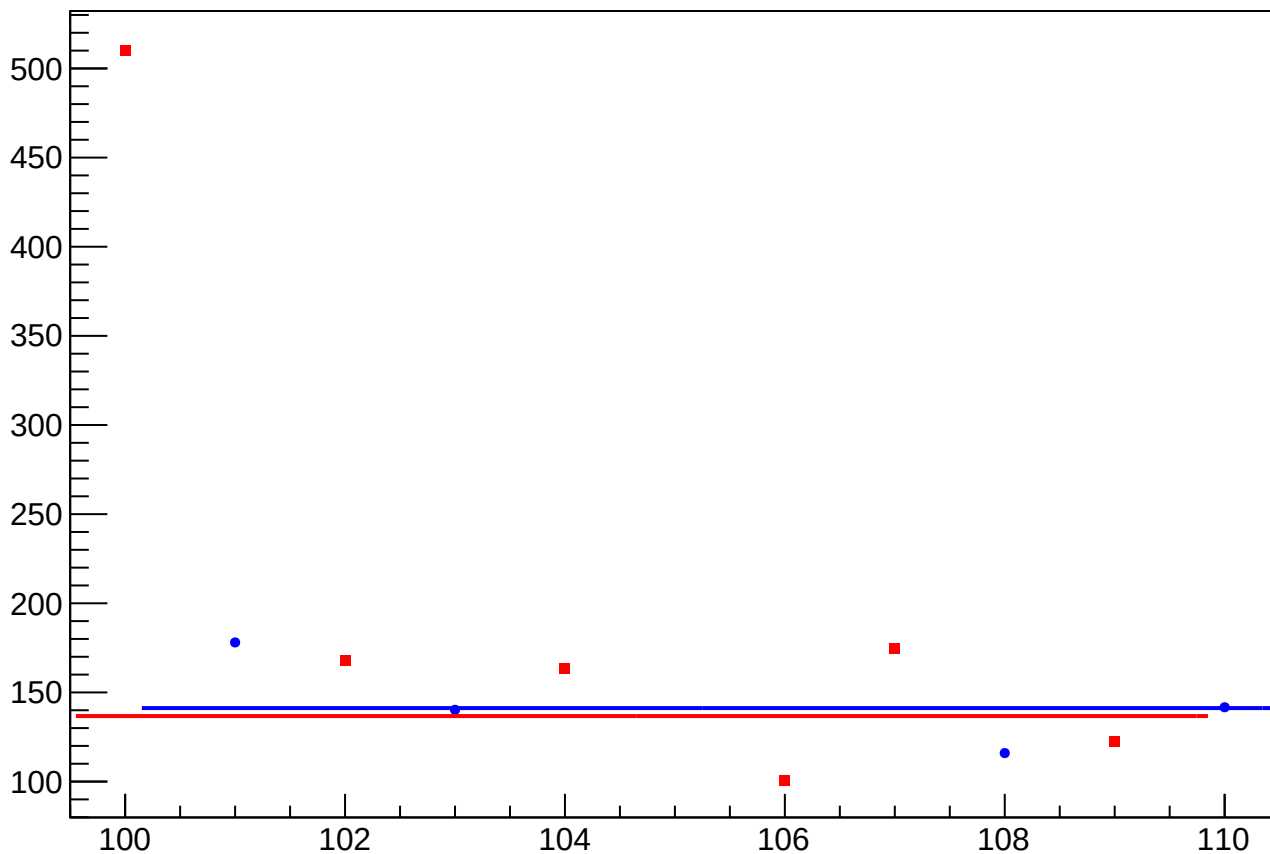
Right: 0.087 ± 0.074 χ^2/NDF : 12.7/9

In: -0.013 ± 0.104 χ^2/NDF : 3.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.087 ± 0.074 χ^2/NDF : 12.7/9

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.220+/-0.074 χ^2/NDF : 86751.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.742+/-0.074 χ^2/NDF : 214193.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

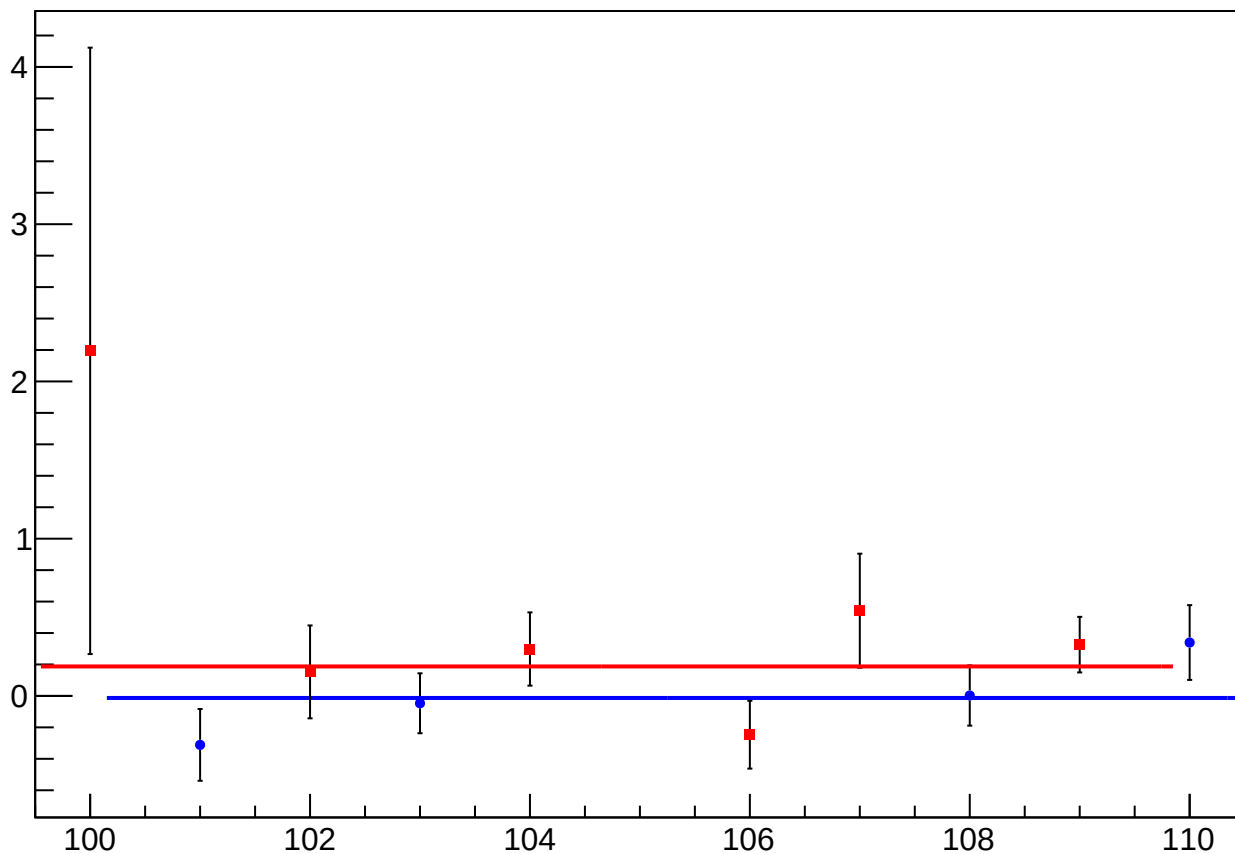
Right: 138.986+/-0.052 χ^2/NDF : 302779.1/9

In: 141.220+/-0.074 χ^2/NDF : 86751.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.986+/-0.052 χ^2/NDF : 302779.1/9

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.104 χ^2/NDF : 3.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.187 ± 0.105 χ^2/NDF : 6.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

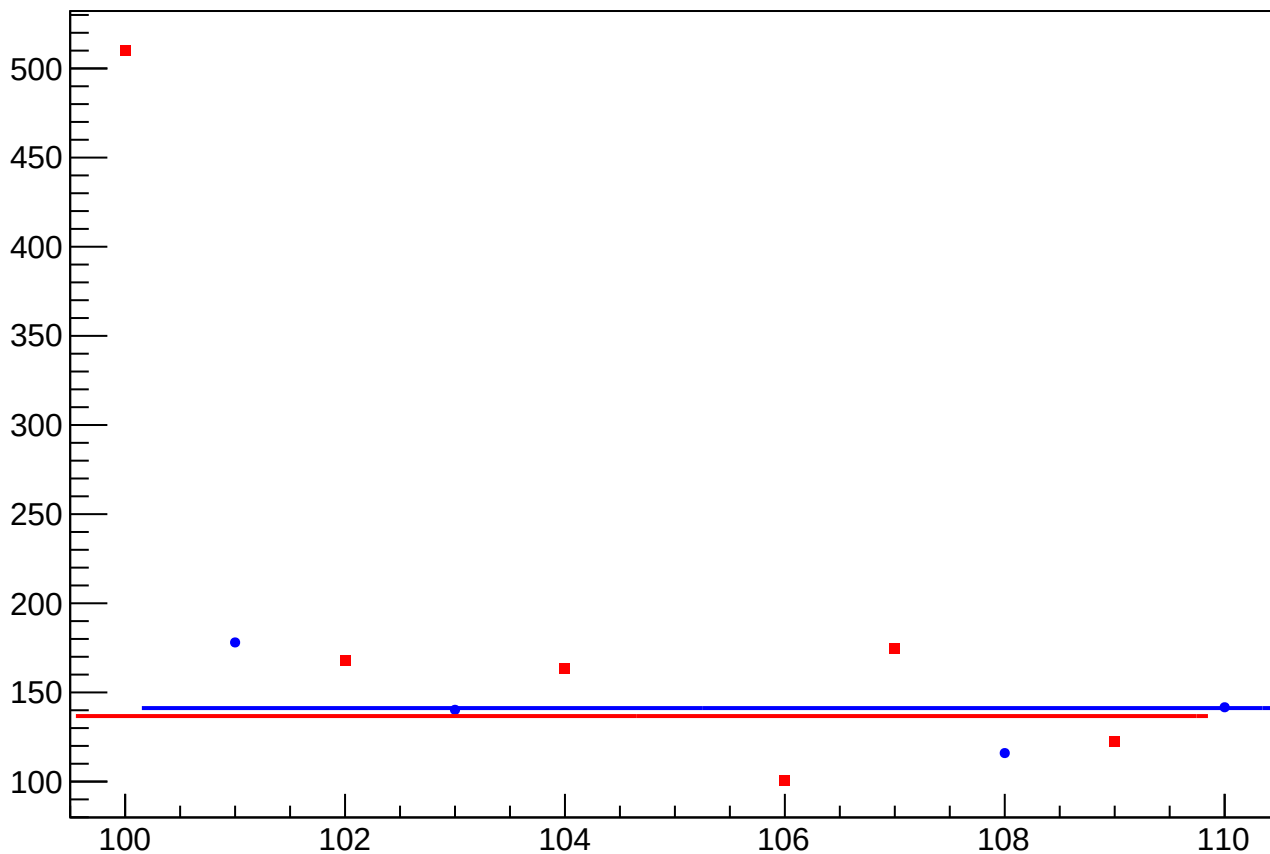
Right: 0.087 ± 0.074 χ^2/NDF : 12.7/9

In: -0.013 ± 0.104 χ^2/NDF : 3.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.087 ± 0.074 χ^2/NDF : 12.7/9

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.220+/-0.074 χ^2/NDF : 86751.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.742+/-0.074 χ^2/NDF : 214193.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

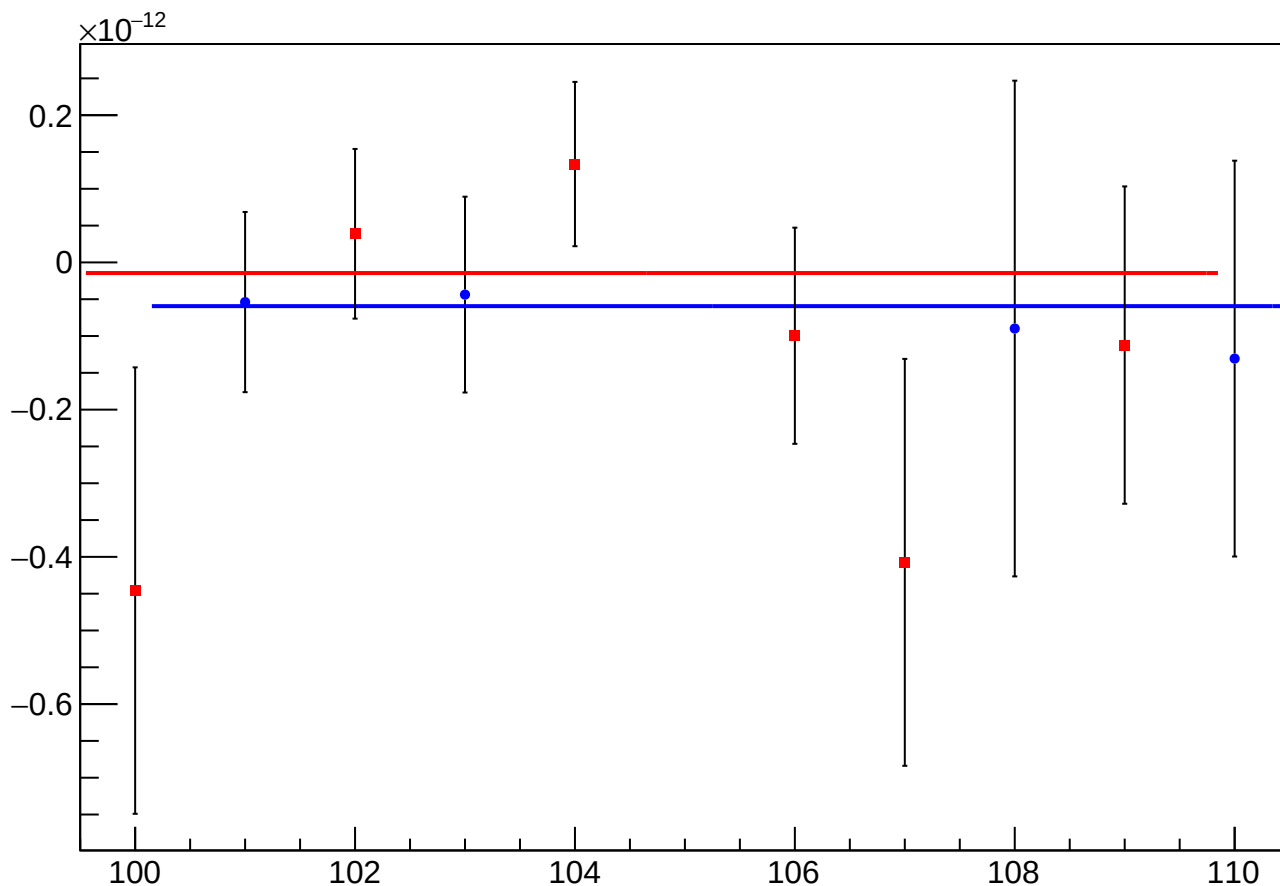
Right: 138.986+/-0.052 χ^2/NDF : 302779.1/9

In: 141.220+/-0.074 χ^2/NDF : 86751.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.986+/-0.052 χ^2/NDF : 302779.1/9

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

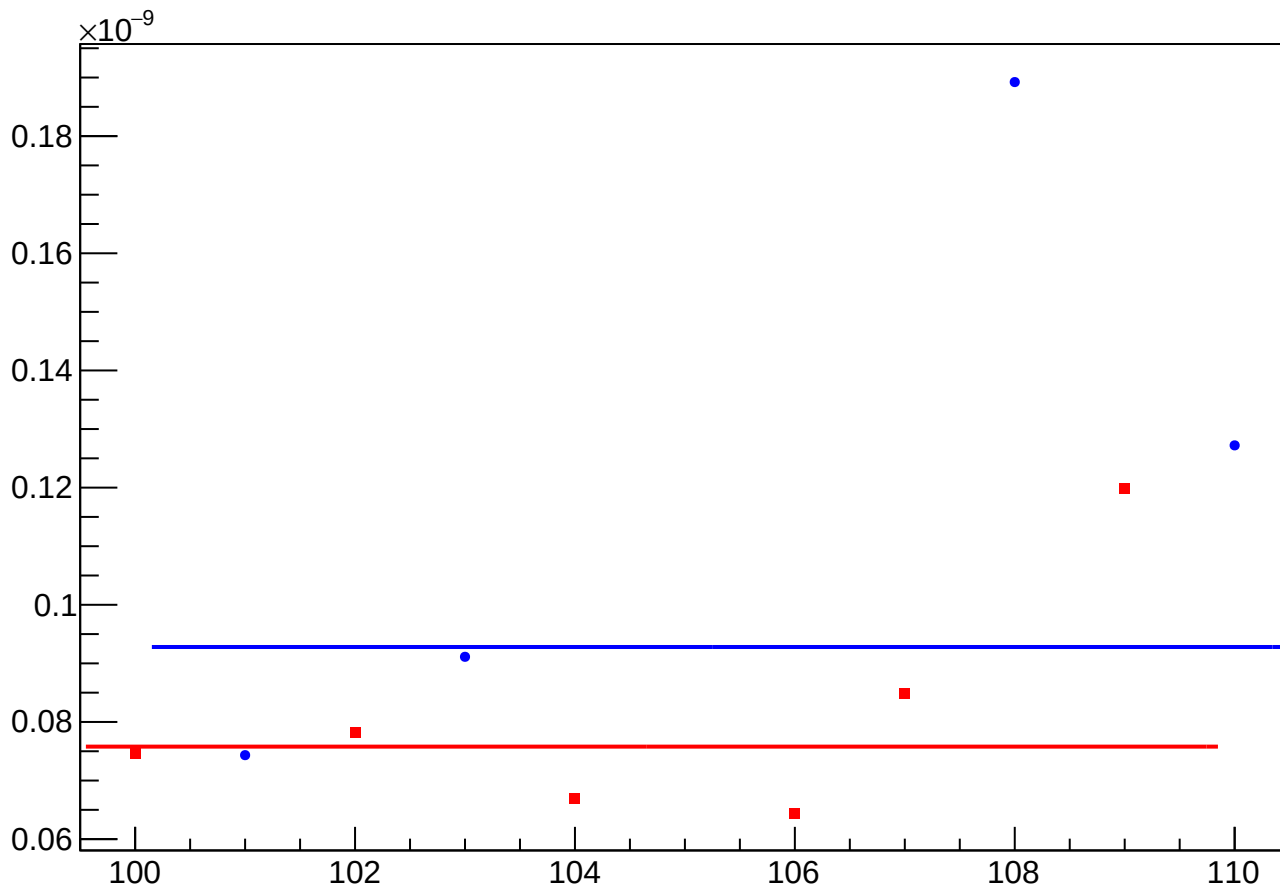
Right: -0.000+/-0.000 χ^2/NDF : 6.8/9

In: -0.000+/-0.000 χ^2/NDF : 0.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.8/9

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 242634.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 111272.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

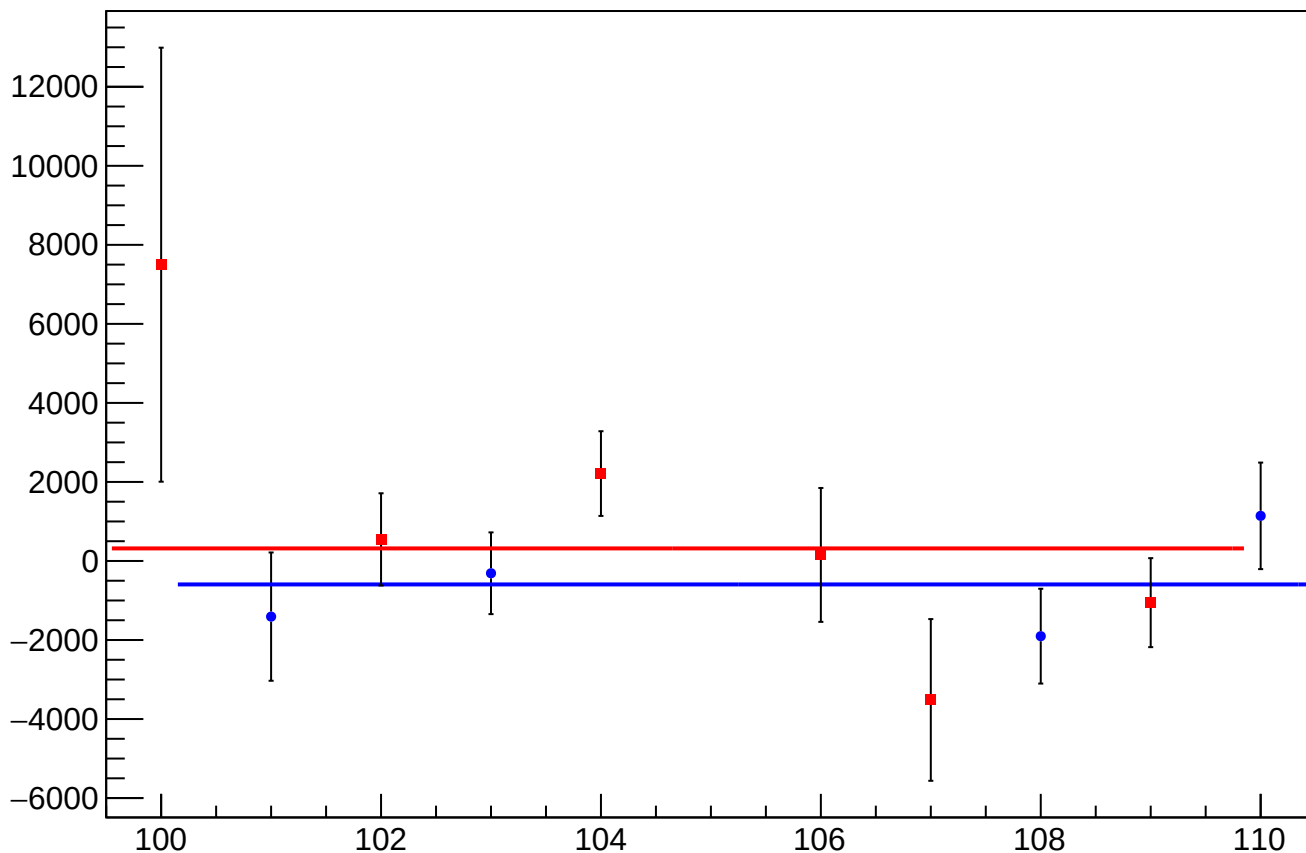
Right: 0.000+/-0.000 χ^2/NDF : 406997.0/9

In: 0.000+/-0.000 χ^2/NDF : 242634.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 406997.0/9

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -593.559+/-624.987 χ^2/NDF : 3.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 317.871+/-575.910 χ^2/NDF : 9.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

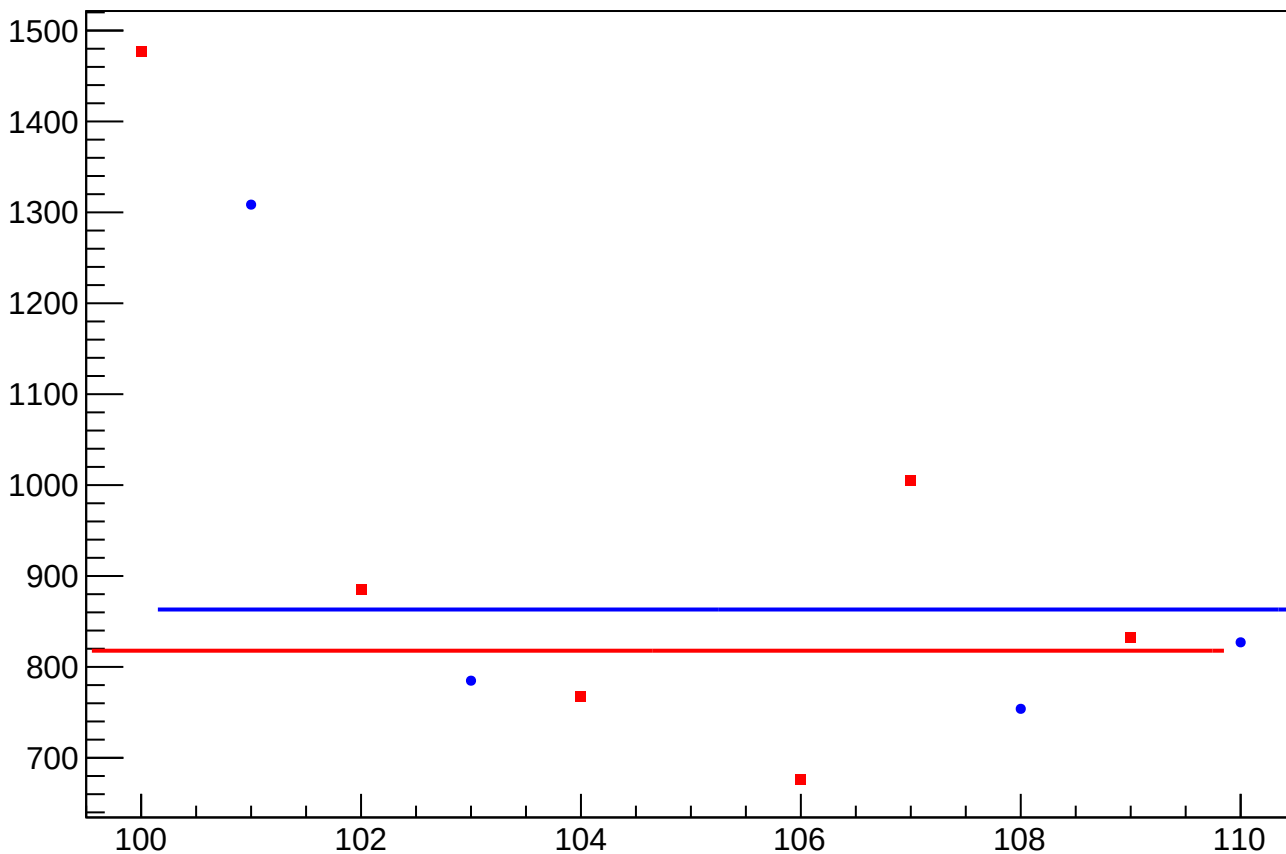
Right: -100.660+/-423.519 χ^2/NDF : 14.2/9

In: -593.559+/-624.987 χ^2/NDF : 3.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.660+/-423.519 χ^2/NDF : 14.2/9

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 863.145+/-0.442 χ^2/NDF : 180030.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 817.832+/-0.392 χ^2/NDF : 80804.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

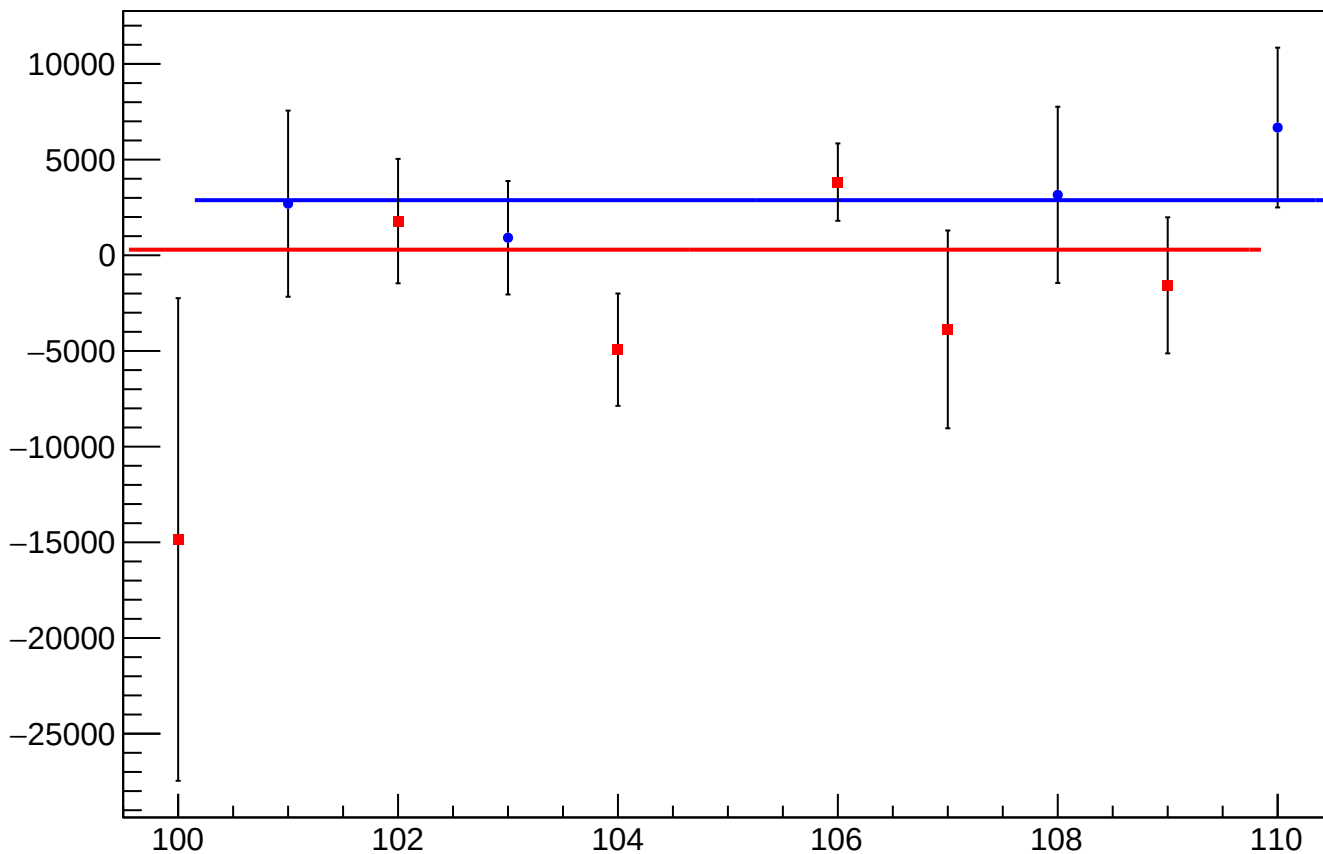
Right: 837.770+/-0.293 χ^2/NDF : 266721.8/9

In: 863.145+/-0.442 χ^2/NDF : 180030.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.770+/-0.293 χ^2/NDF : 266721.8/9

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2879.811+/-1959.151 χ^2/NDF : 1.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 293.455+/-1315.156 χ^2/NDF : 8.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

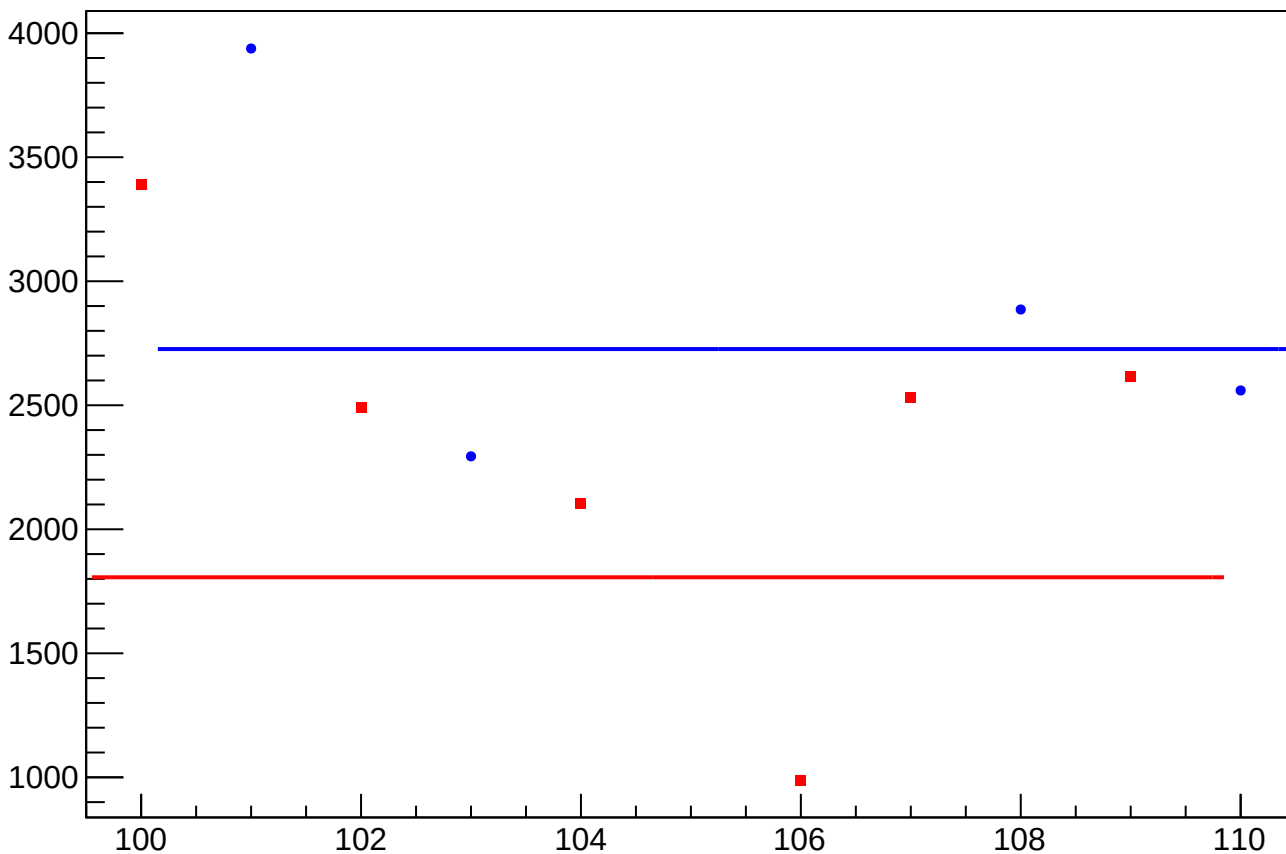
Right: 1096.890+/-1091.941 χ^2/NDF : 11.3/9

In: 2879.811+/-1959.151 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1096.890+/-1091.941 χ^2/NDF : 11.3/9

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2726.595+/-1.385 χ^2/NDF : 172246.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1806.481+/-0.930 χ^2/NDF : 612317.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

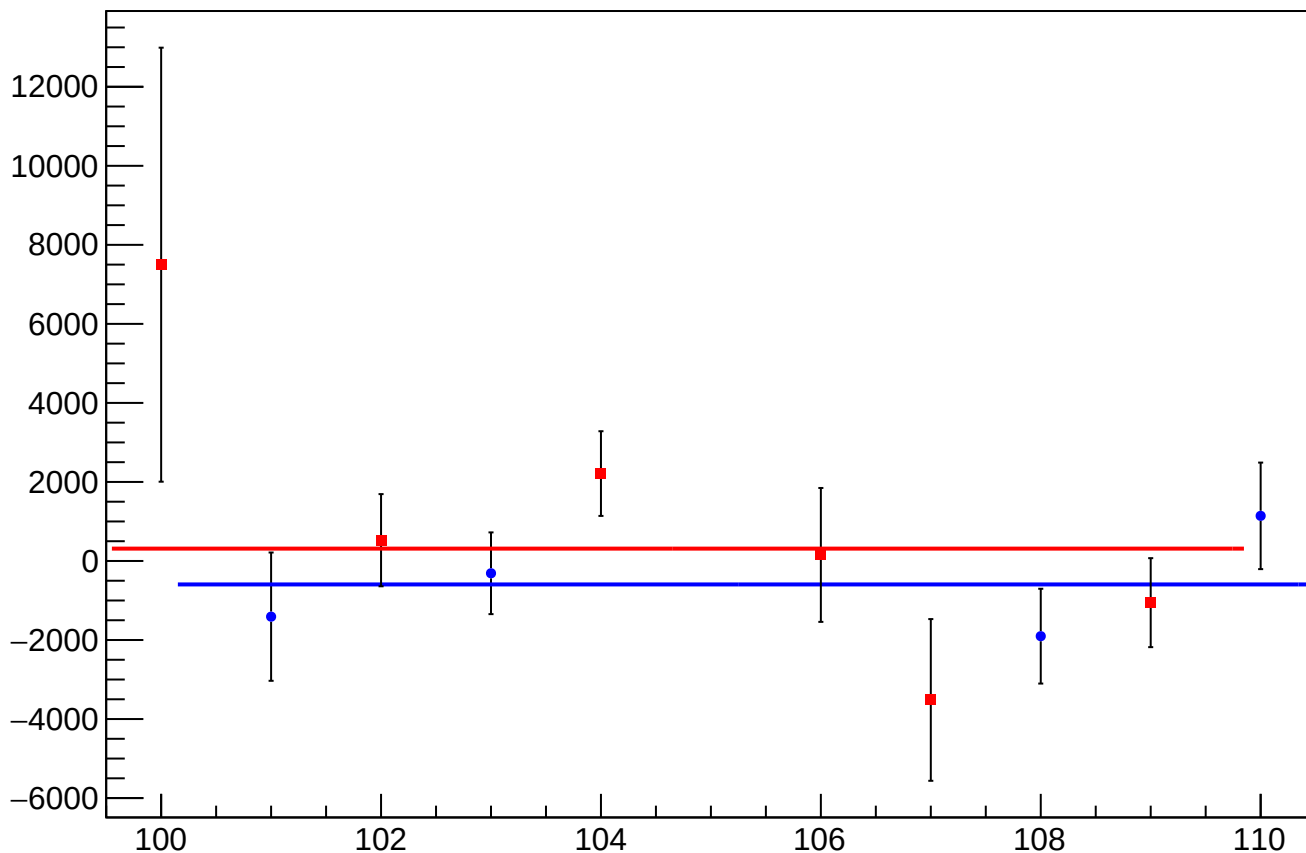
Right: 2092.309+/-0.772 χ^2/NDF : 1088667.6/9

In: 2726.595+/-1.385 χ^2/NDF : 172246.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2092.309+/-0.772 χ^2/NDF : 1088667.6/9

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -593.660+/-624.987 χ^2/NDF : 3.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.747+/-575.939 χ^2/NDF : 9.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

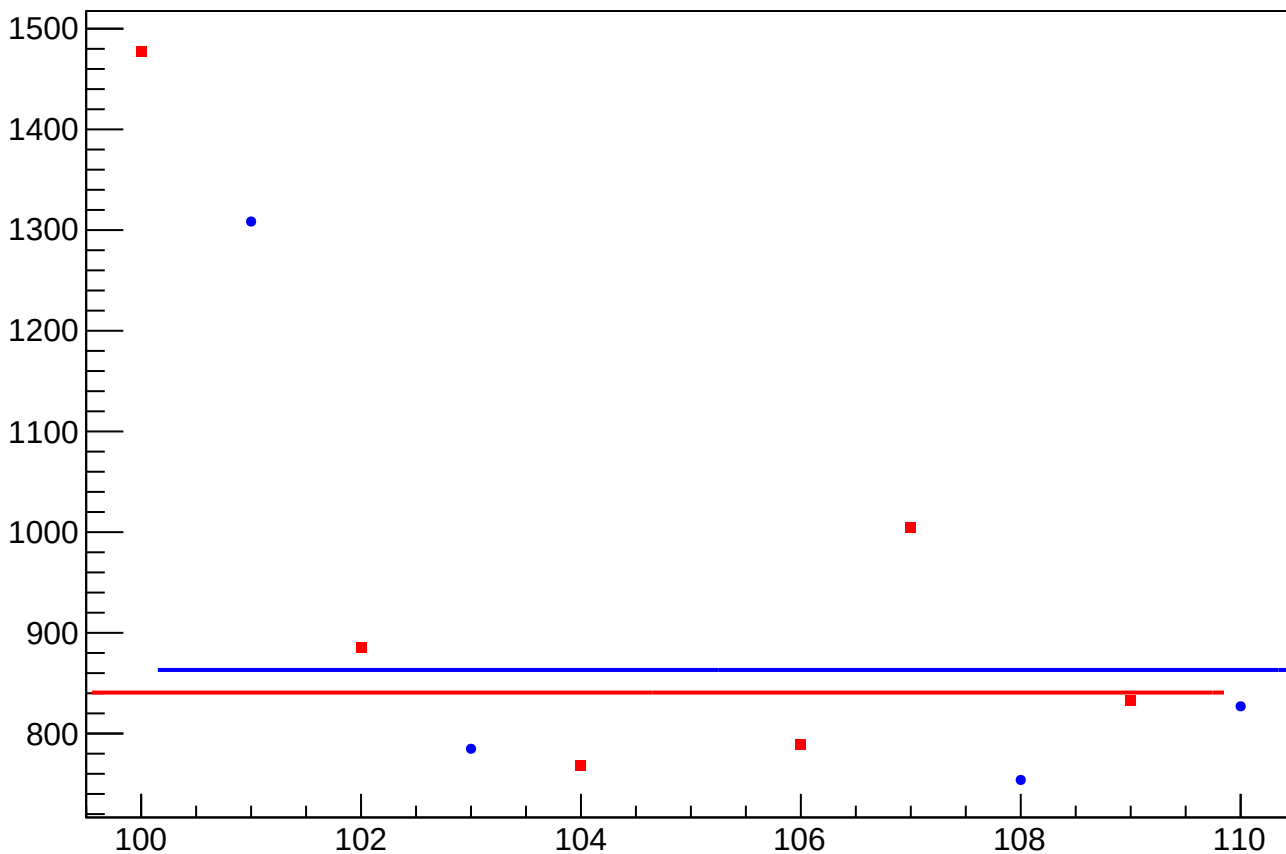
Right: -103.499+/-423.530 χ^2/NDF : 14.2/9

In: -593.660+/-624.987 χ^2/NDF : 3.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.499+/-423.530 χ^2/NDF : 14.2/9

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 863.144+/-0.442 χ^2/NDF : 180030.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 840.704+/-0.401 χ^2/NDF : 54415.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

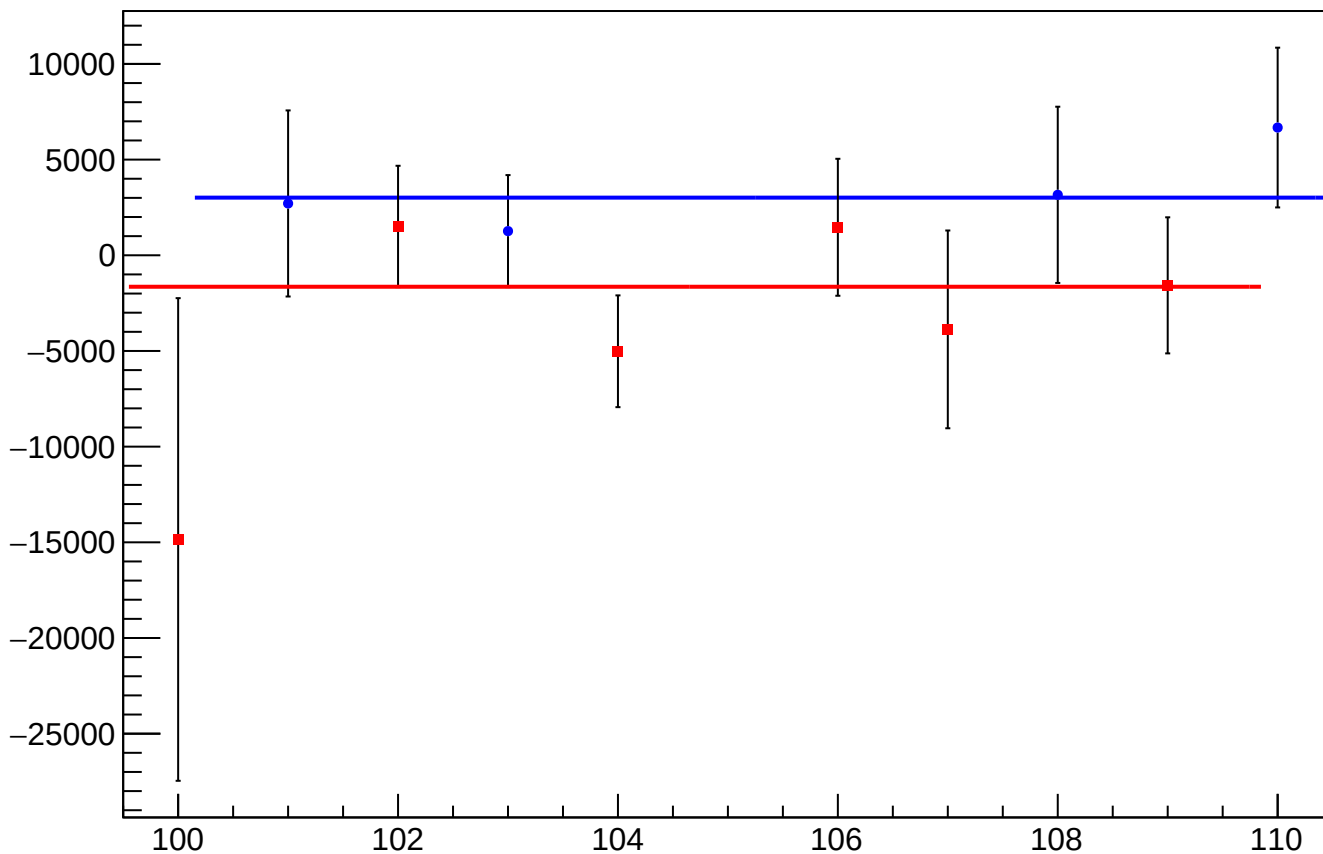
Right: 850.827+/-0.297 χ^2/NDF : 235860.8/9

In: 863.144+/-0.442 χ^2/NDF : 180030.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.827+/-0.297 χ^2/NDF : 235860.8/9

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3012.884+/-1947.818 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1644.163+/-1547.410 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

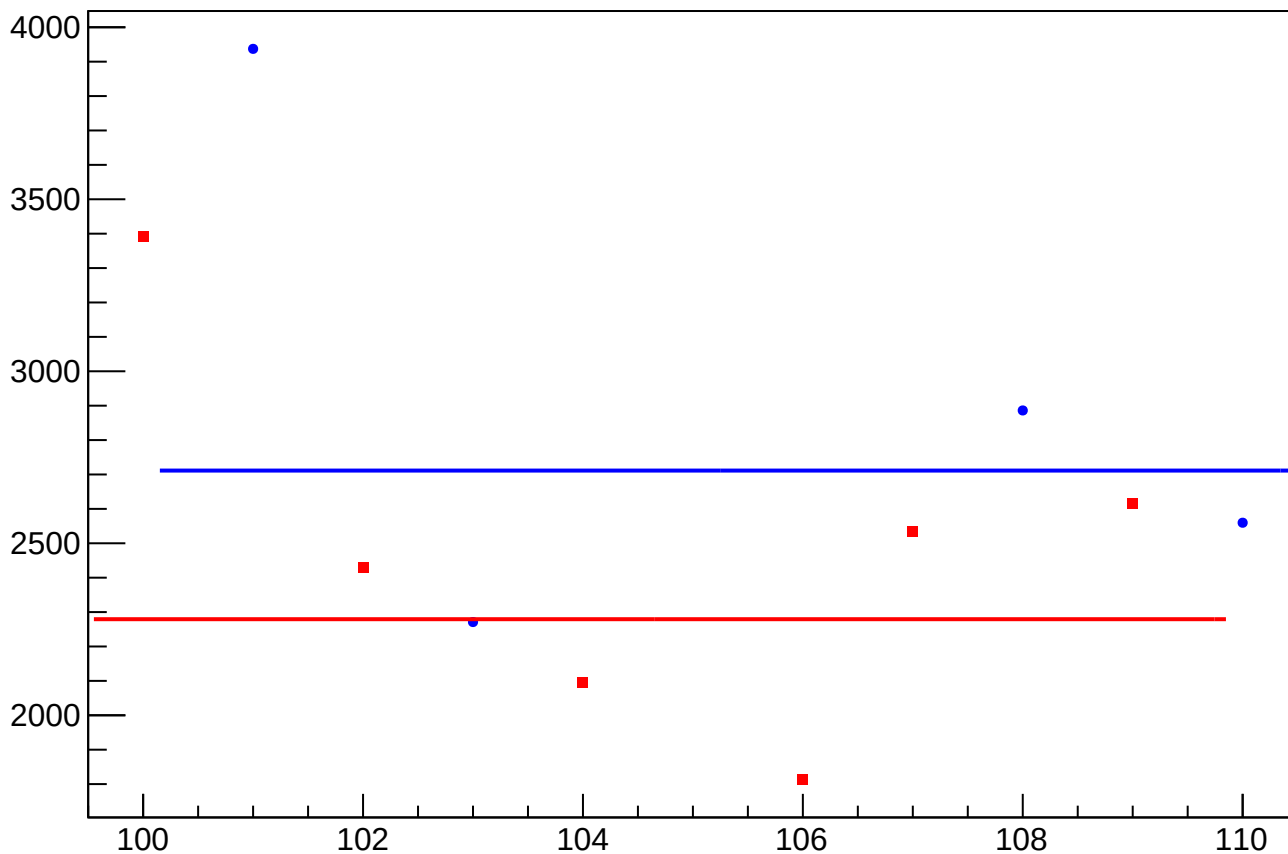
Right: 157.768+/-1211.608 χ^2/NDF : 9.0/9

In: 3012.884+/-1947.818 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.768+/-1211.608 χ^2/NDF : 9.0/9

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2711.355+/-1.377 χ^2/NDF : 177903.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2279.325+/-1.094 χ^2/NDF : 85042.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

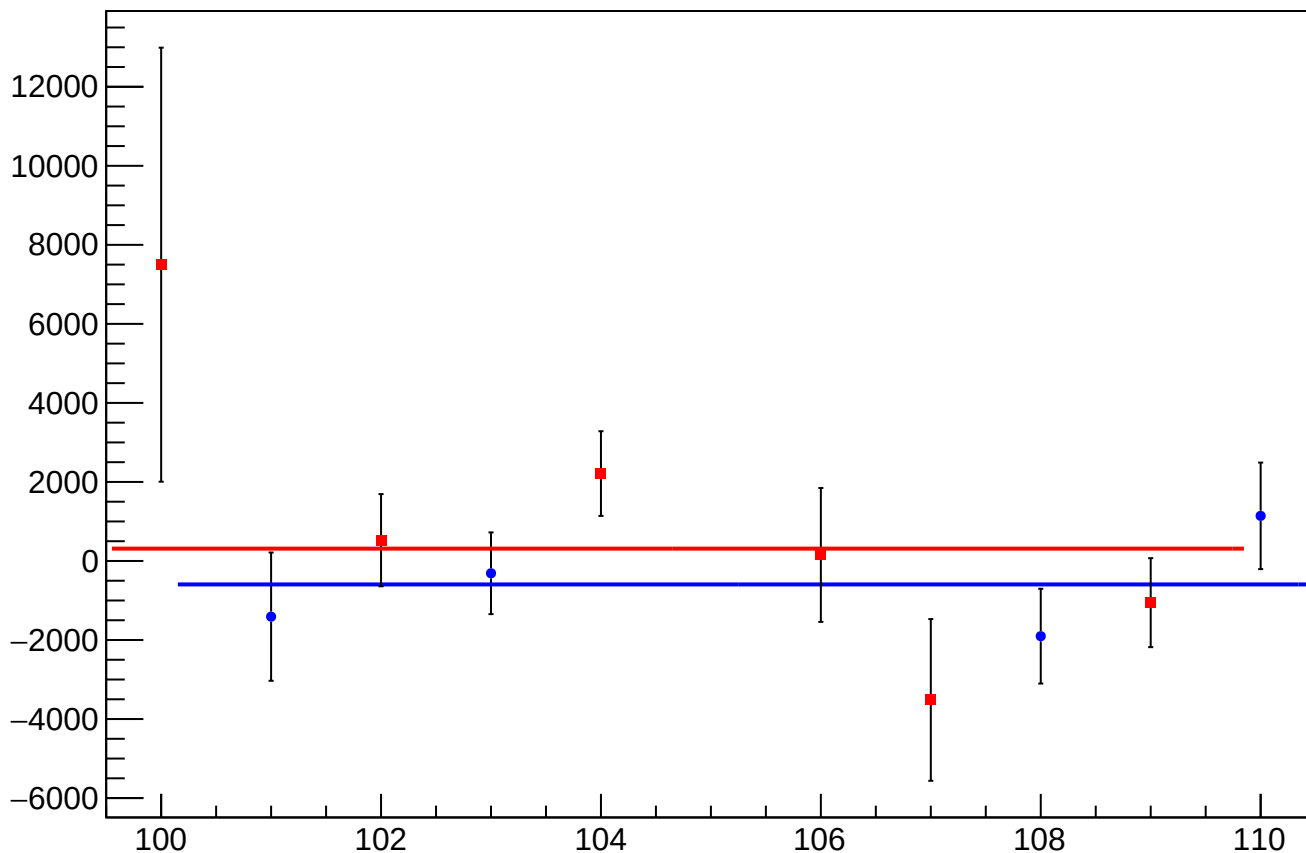
Right: 2446.488+/-0.857 χ^2/NDF : 323267.9/9

In: 2711.355+/-1.377 χ^2/NDF : 177903.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2446.488+/-0.857 χ^2/NDF : 323267.9/9

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -593.660+/-624.987 χ^2/NDF : 3.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.747+/-575.939 χ^2/NDF : 9.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

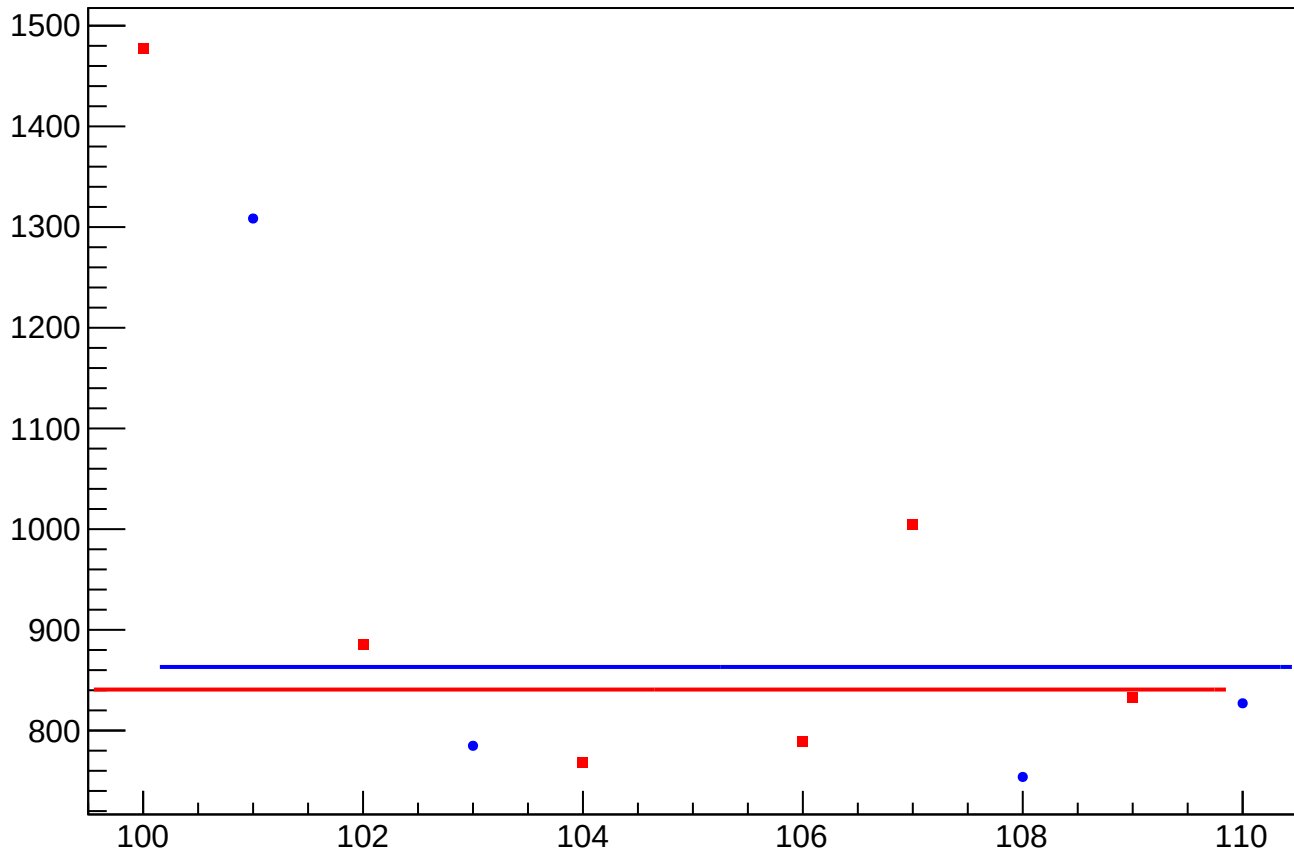
Right: -103.499+/-423.530 χ^2/NDF : 14.2/9

In: -593.660+/-624.987 χ^2/NDF : 3.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.499+/-423.530 χ^2/NDF : 14.2/9

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 863.144+/-0.442 χ^2/NDF : 180030.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 840.704+/-0.401 χ^2/NDF : 54415.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

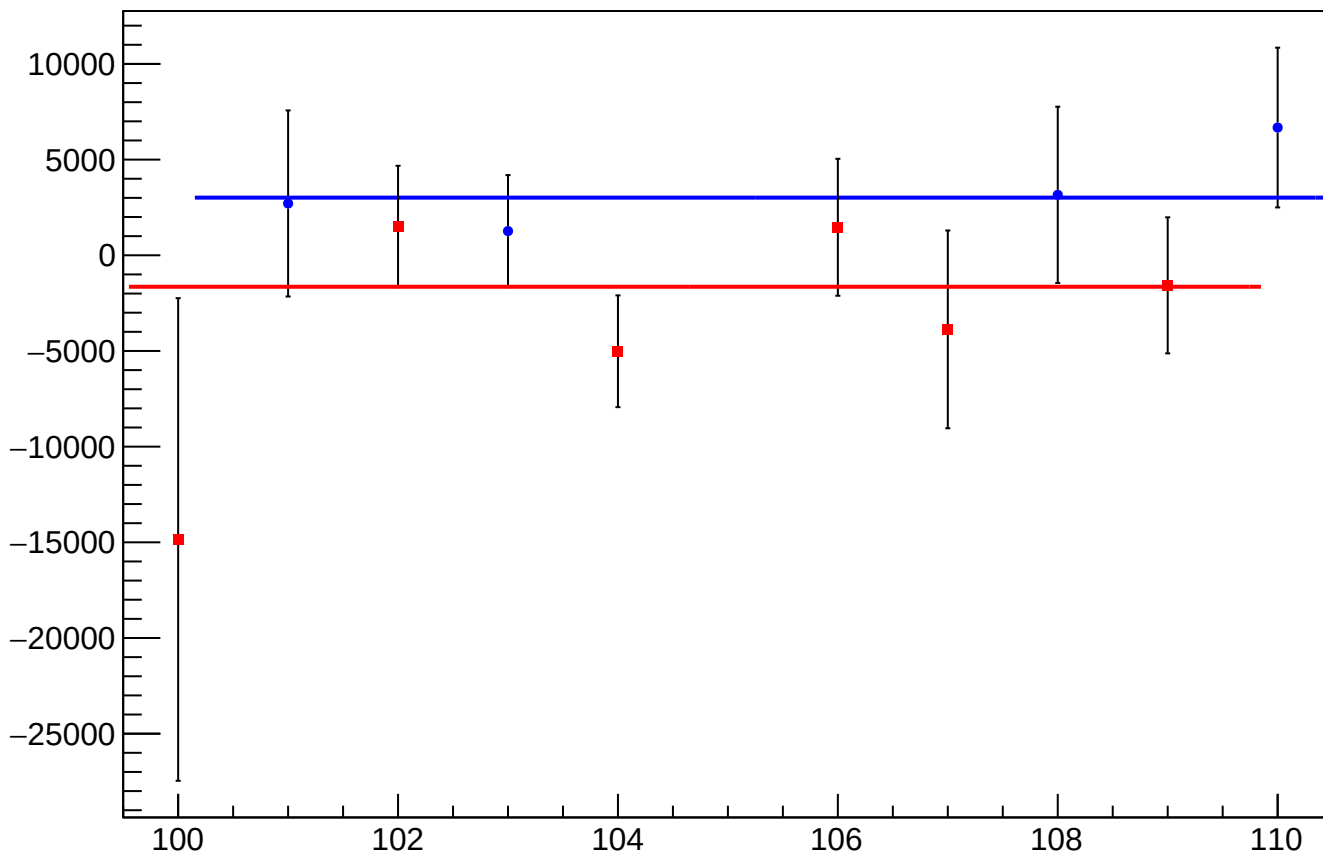
Right: 850.827+/-0.297 χ^2/NDF : 235860.8/9

In: 863.144+/-0.442 χ^2/NDF : 180030.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.827+/-0.297 χ^2/NDF : 235860.8/9

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3012.884+/-1947.818 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1644.163+/-1547.410 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

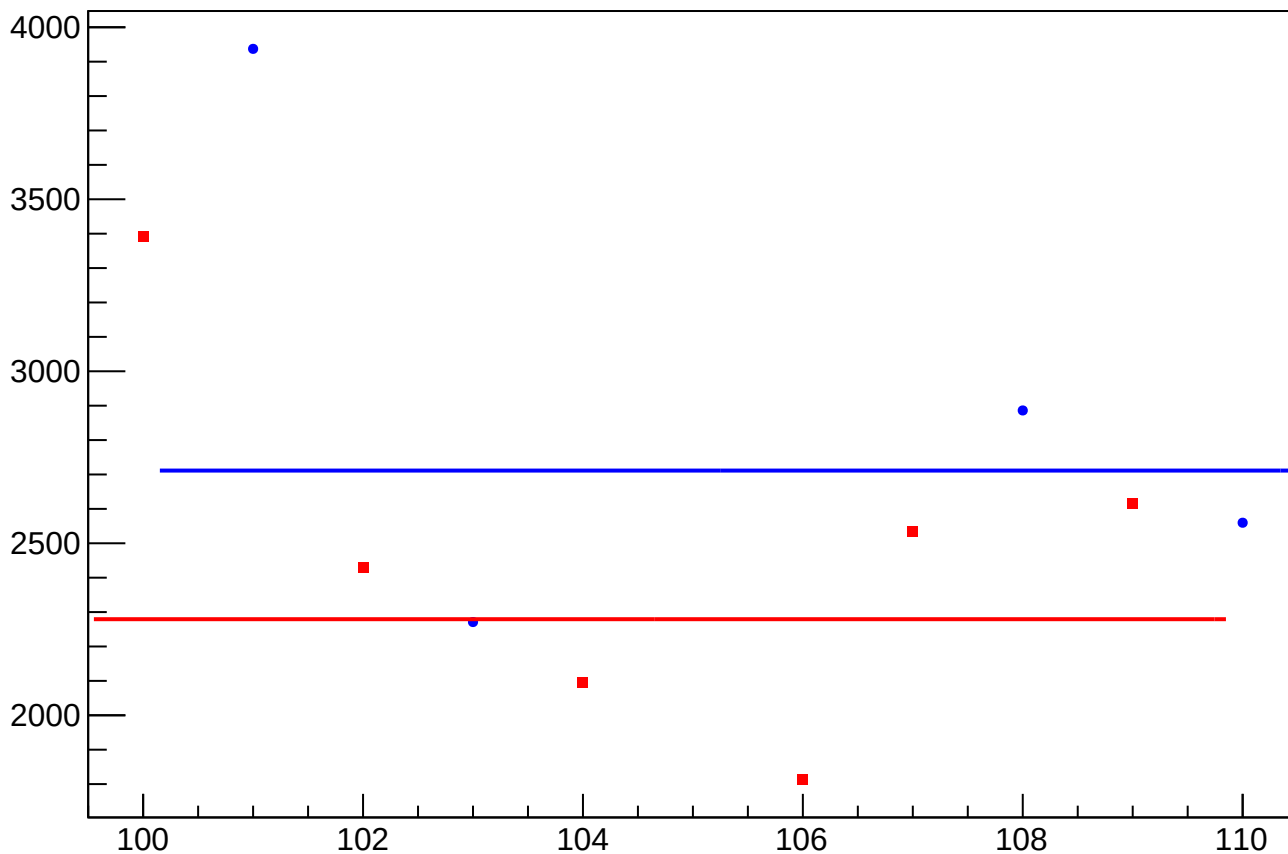
Right: 157.768+/-1211.608 χ^2/NDF : 9.0/9

In: 3012.884+/-1947.818 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.768+/-1211.608 χ^2/NDF : 9.0/9

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2711.355+/-1.377 χ^2/NDF : 177903.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2279.325+/-1.094 χ^2/NDF : 85042.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

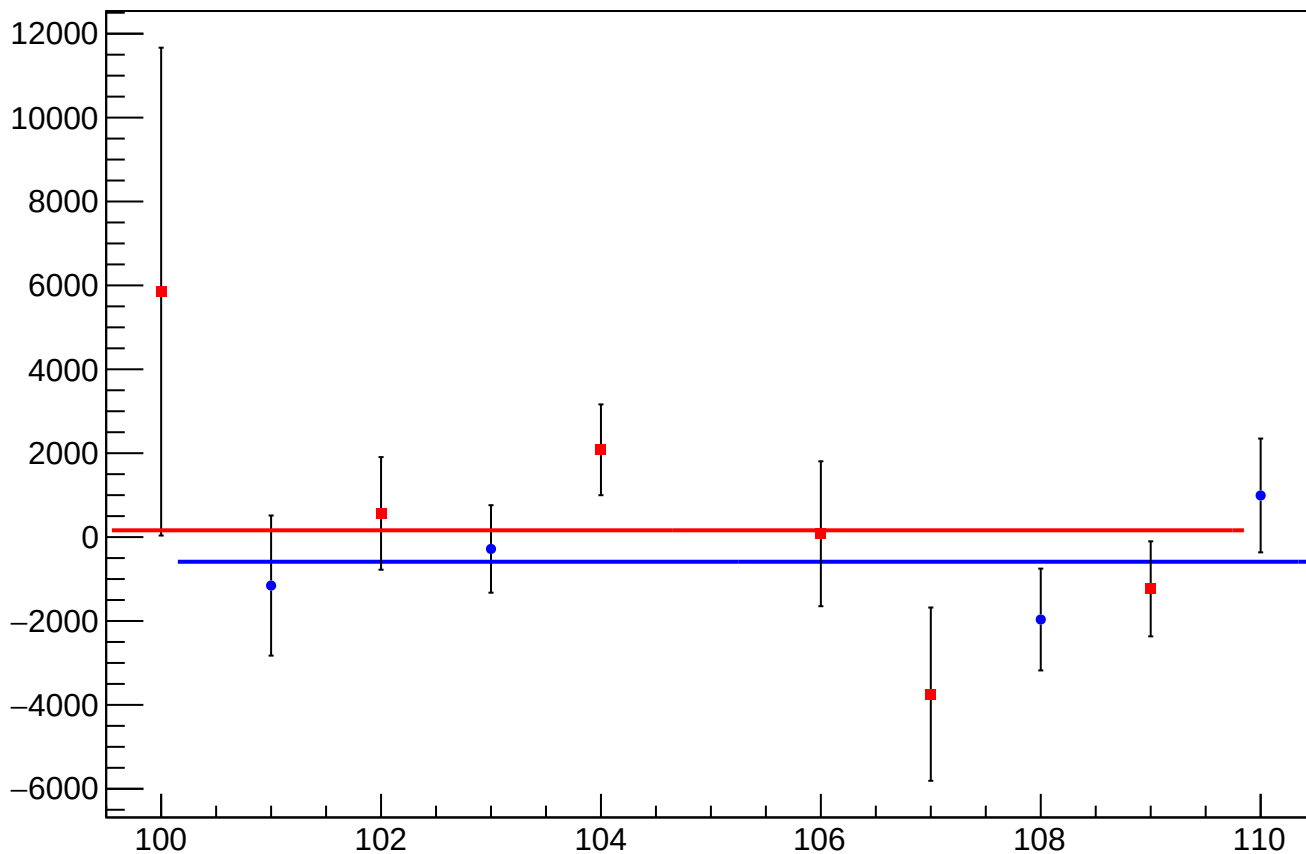
Right: 2446.488+/-0.857 χ^2/NDF : 323267.9/9

In: 2711.355+/-1.377 χ^2/NDF : 177903.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2446.488+/-0.857 χ^2/NDF : 323267.9/9

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -587.656+/-632.439 χ^2/NDF : 2.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.730+/-599.034 χ^2/NDF : 9.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

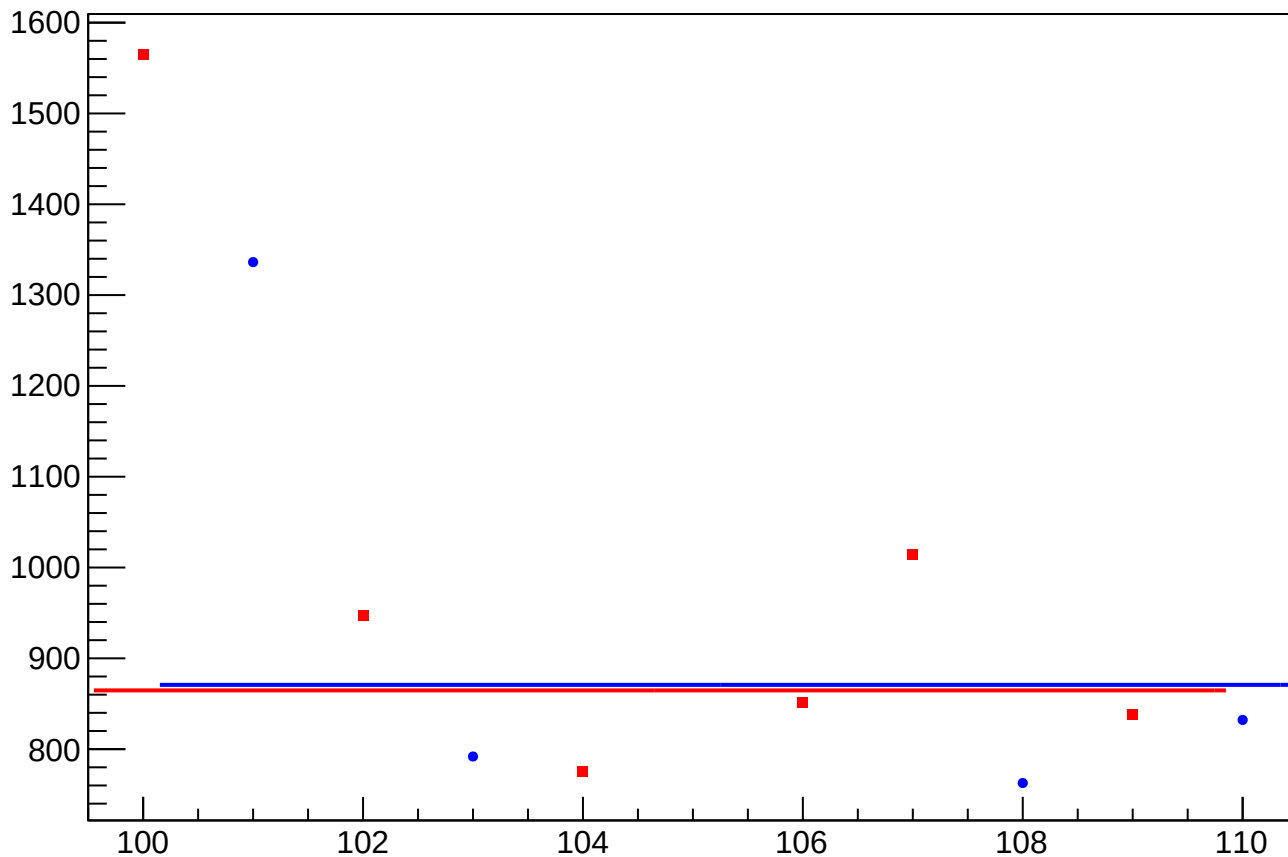
Right: -192.649+/-434.911 χ^2/NDF : 12.9/9

In: -587.656+/-632.439 χ^2/NDF : 2.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -192.649+/-434.911 χ^2/NDF : 12.9/9

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 870.807+/-0.447 χ^2/NDF : 184356.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 864.694+/-0.422 χ^2/NDF : 61975.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

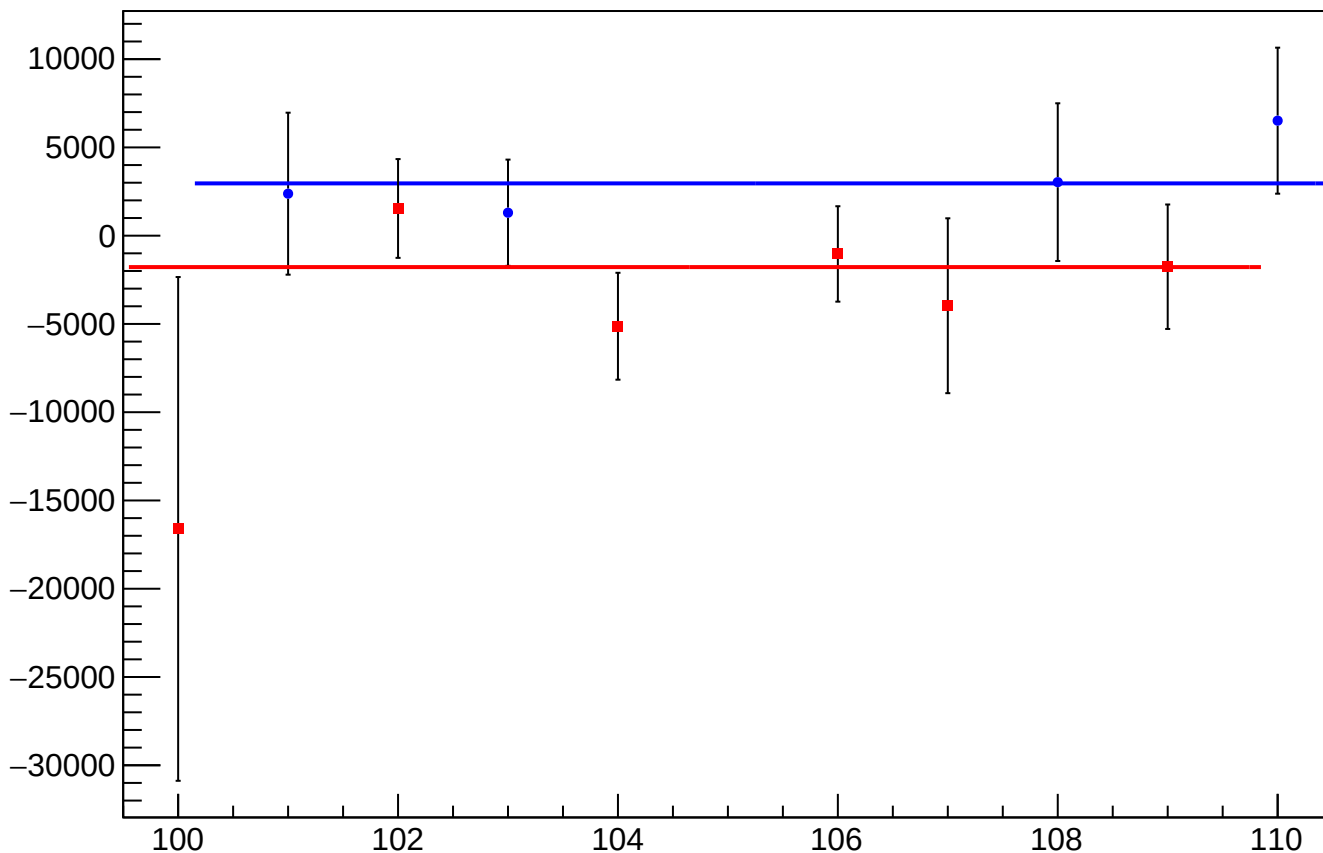
Right: 867.575+/-0.307 χ^2/NDF : 246431.5/9

In: 870.807+/-0.447 χ^2/NDF : 184356.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 867.575+/-0.307 χ^2/NDF : 246431.5/9

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2961.833+/-1936.753 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1779.344+/-1414.362 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

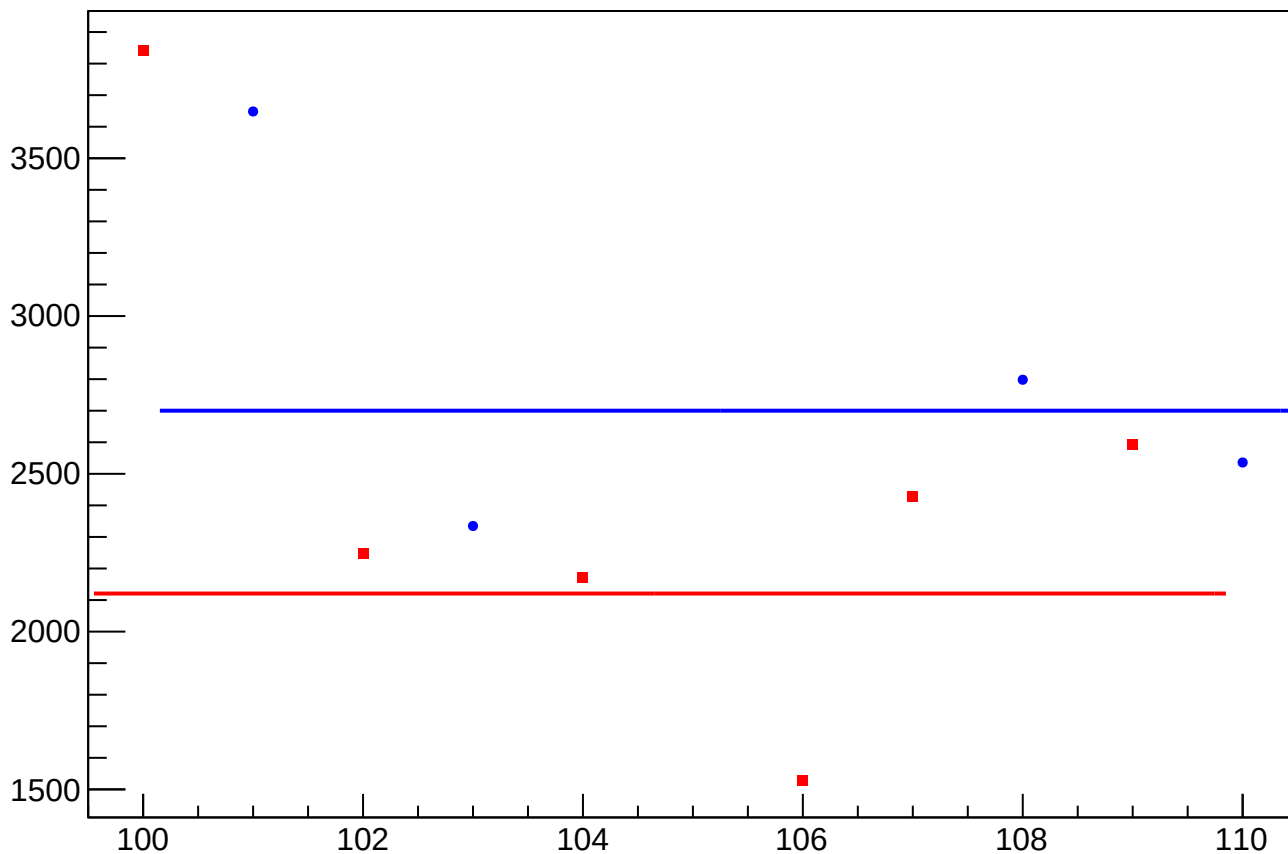
Right: -130.303+/-1142.212 χ^2/NDF : 9.0/9

In: 2961.833+/-1936.753 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.303+/-1142.212 χ^2/NDF : 9.0/9

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2700.068+/-1.369 χ^2/NDF : 119037.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2120.684+/-1.000 χ^2/NDF : 173353.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

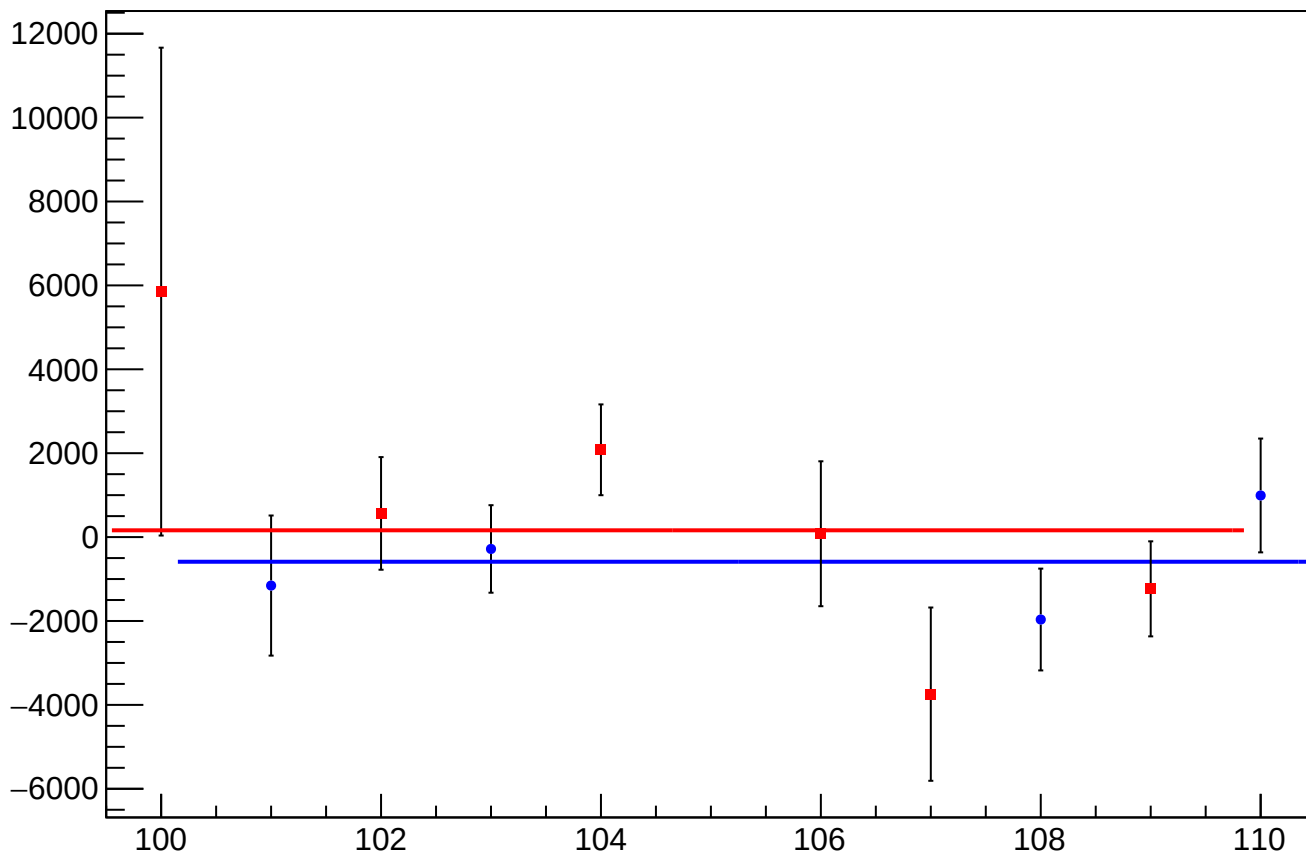
Right: 2322.201+/-0.808 χ^2/NDF : 409121.5/9

In: 2700.068+/-1.369 χ^2/NDF : 119037.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2322.201+/-0.808 χ^2/NDF : 409121.5/9

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -587.665+/-632.440 χ^2/NDF : 2.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.724+/-599.034 χ^2/NDF : 9.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

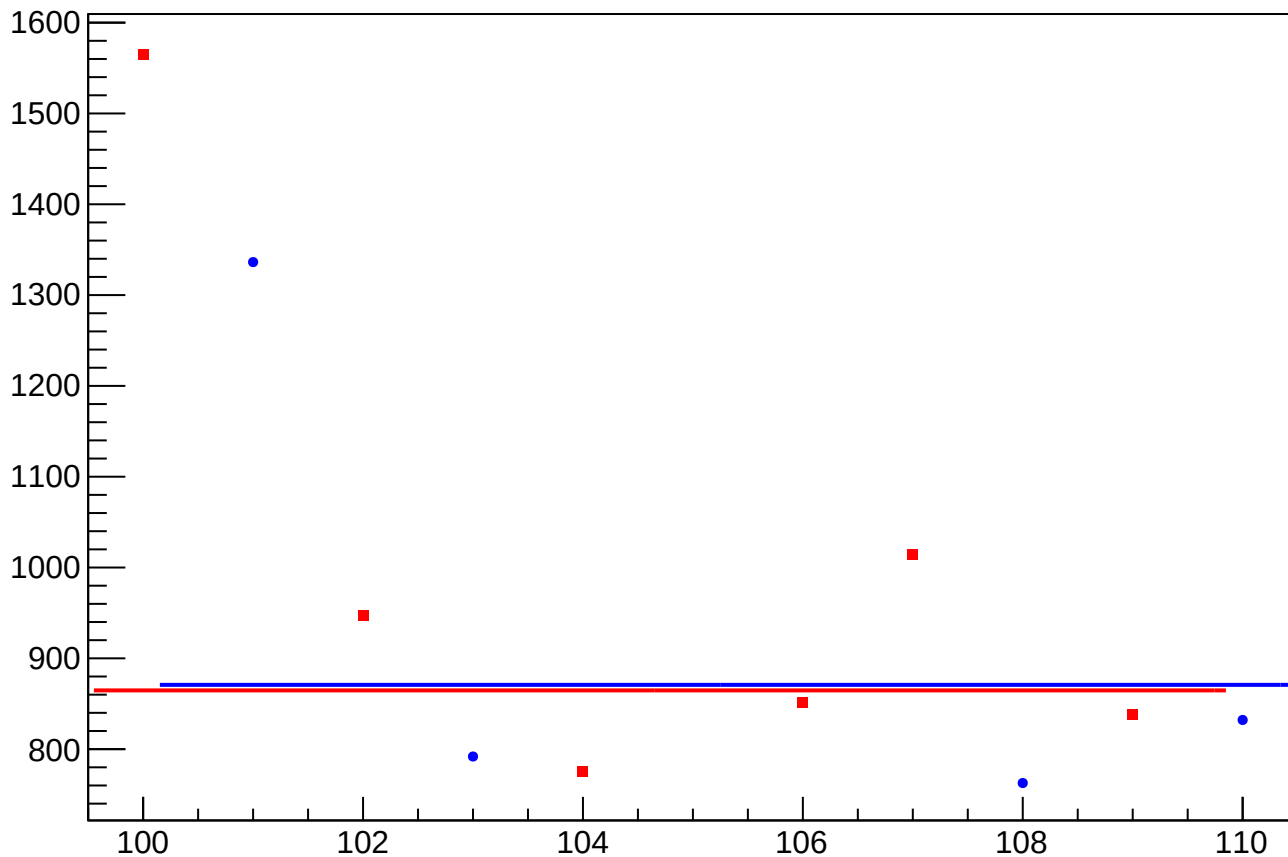
Right: -192.656+/-434.911 χ^2/NDF : 12.9/9

In: -587.665+/-632.440 χ^2/NDF : 2.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -192.656+/-434.911 χ^2/NDF : 12.9/9

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 870.807+/-0.447 χ^2/NDF : 184356.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 864.694+/-0.422 χ^2/NDF : 61975.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

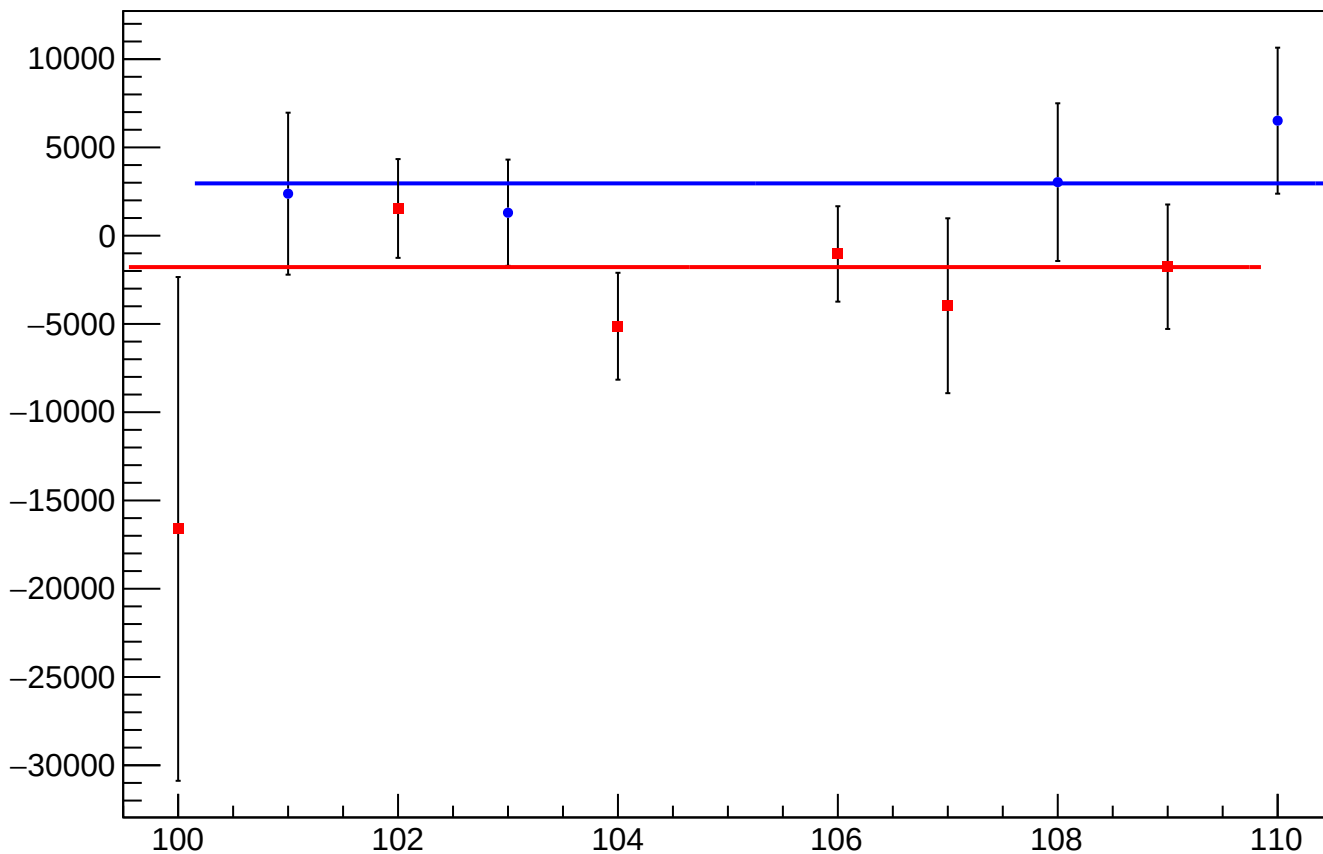
Right: 867.575+/-0.307 χ^2/NDF : 246430.6/9

In: 870.807+/-0.447 χ^2/NDF : 184356.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 867.575+/-0.307 χ^2/NDF : 246430.6/9

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2961.830+/-1936.750 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1779.346+/-1414.361 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

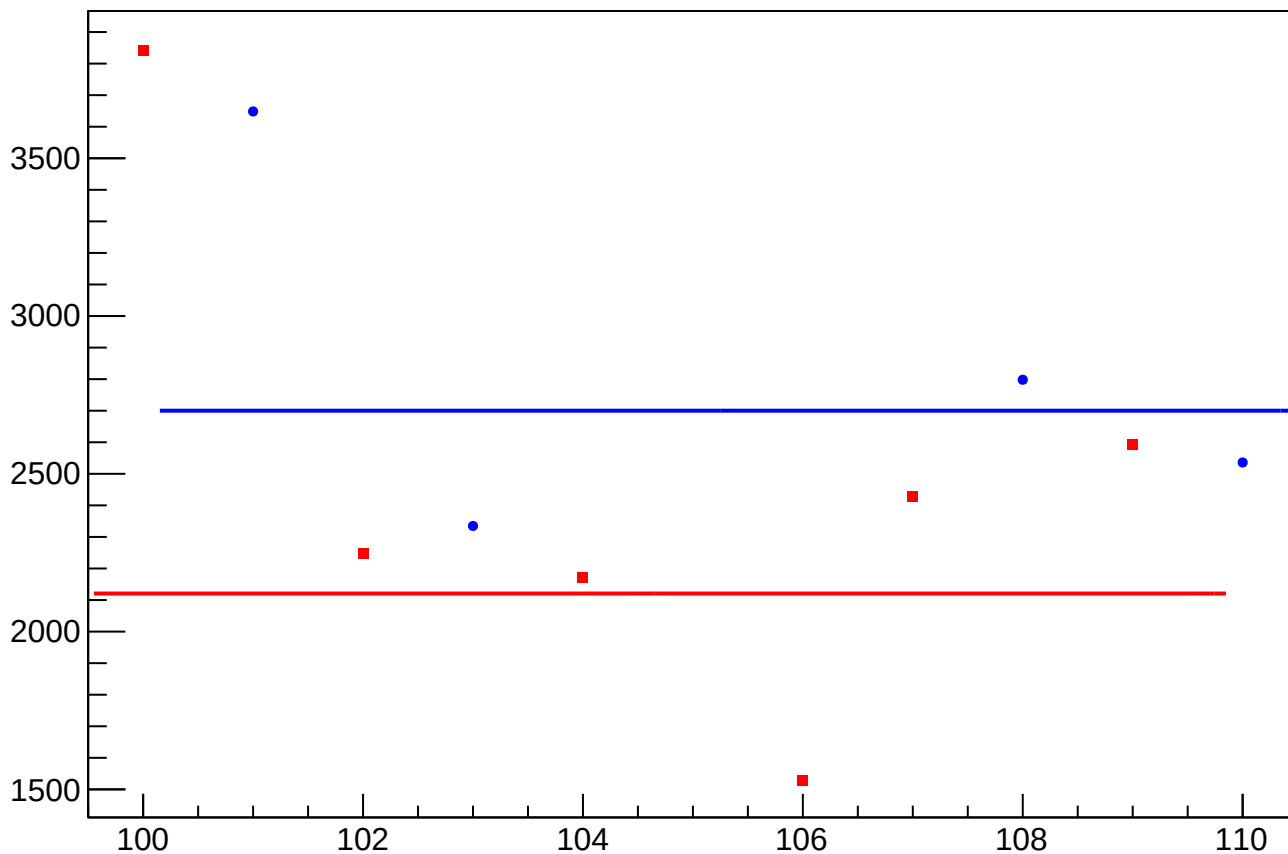
Right: -130.304+/-1142.211 χ^2/NDF : 9.0/9

In: 2961.830+/-1936.750 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.304+/-1142.211 χ^2/NDF : 9.0/9

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2700.064+/-1.369 χ^2/NDF : 119036.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2120.681+/-1.000 χ^2/NDF : 173356.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

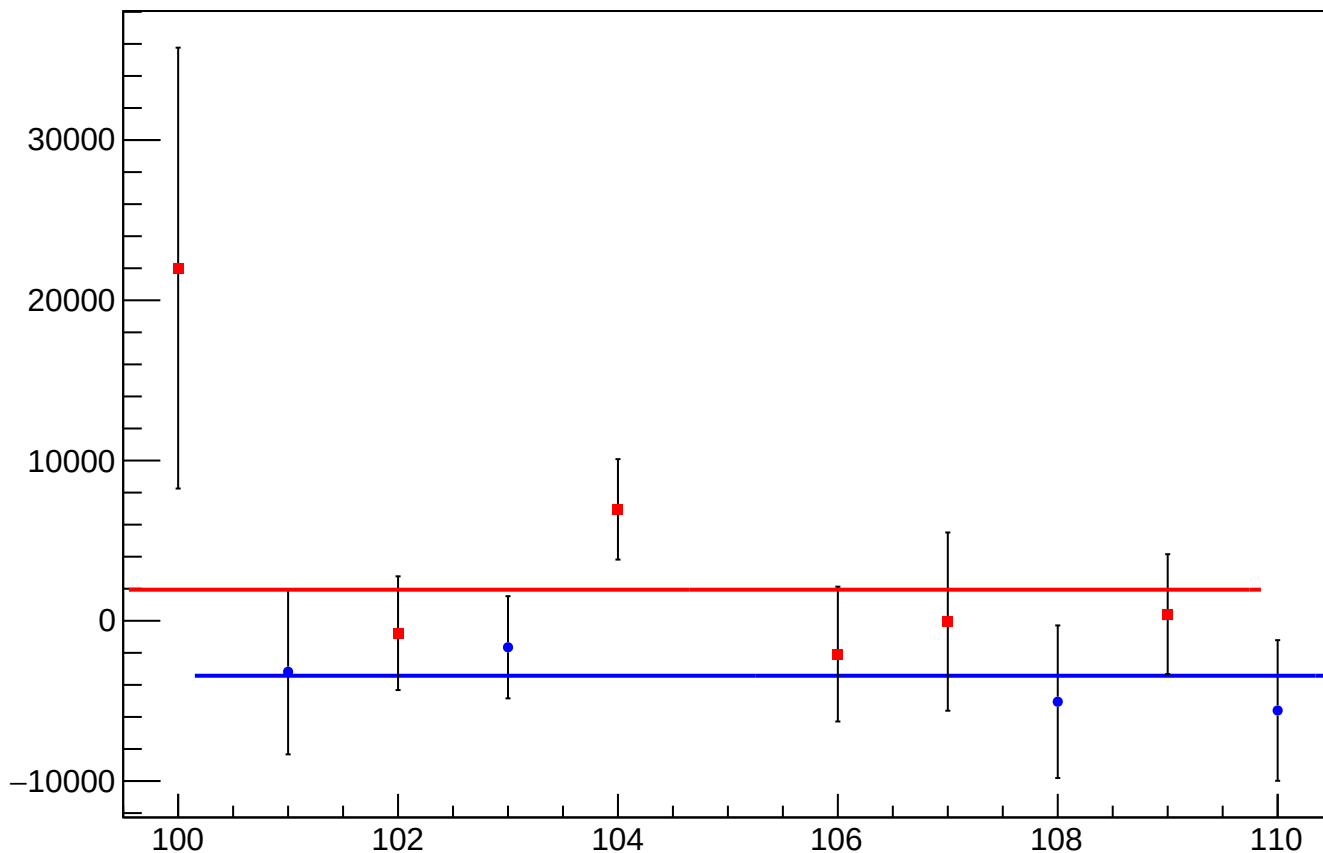
Right: 2322.198+/-0.808 χ^2/NDF : 409124.0/9

In: 2700.064+/-1.369 χ^2/NDF : 119036.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2322.198+/-0.808 χ^2/NDF : 409124.0/9

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -3429.192+/-2075.699 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1940.508+/-1698.291 χ^2/NDF : 6.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

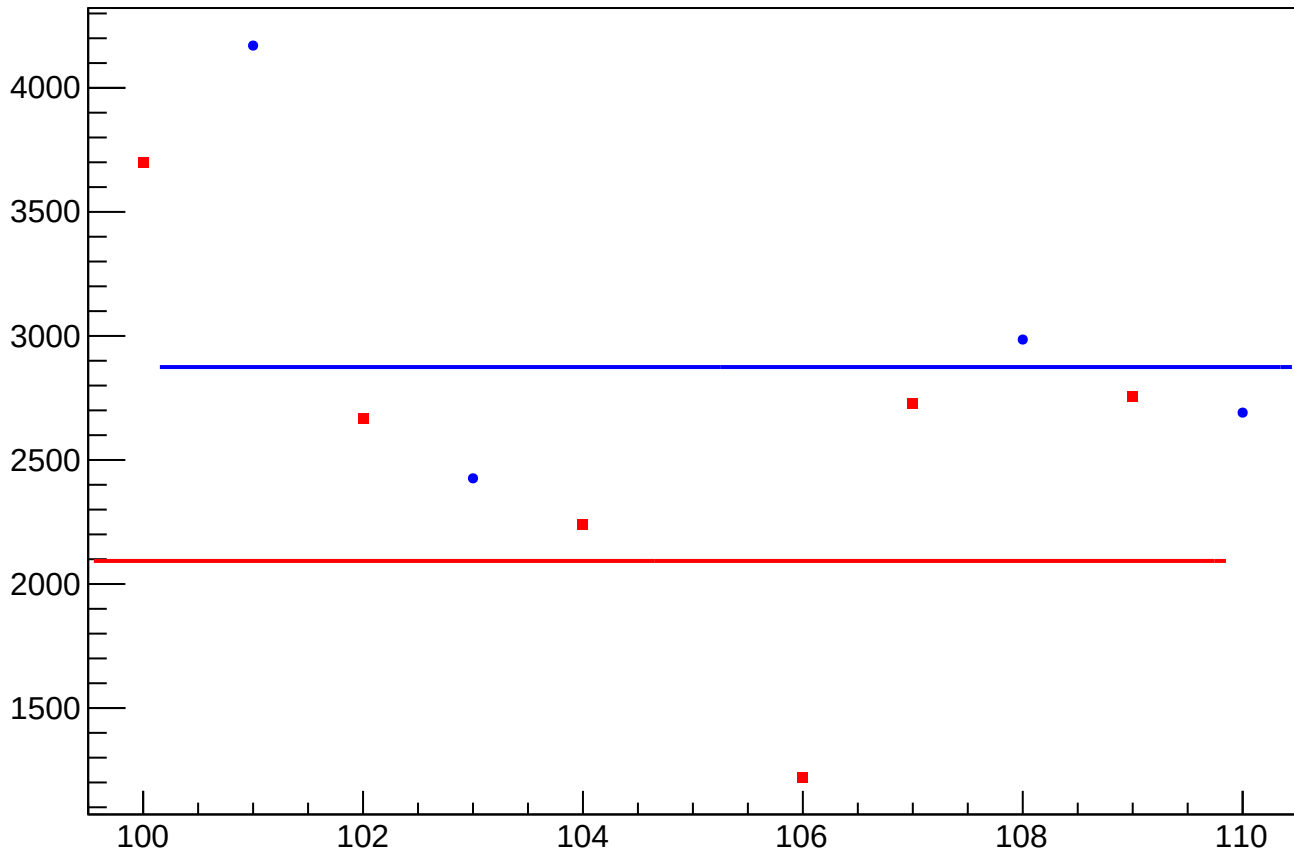
Right: -212.677+/-1314.407 χ^2/NDF : 11.2/9

In: -3429.192+/-2075.699 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -212.677+/-1314.407 χ^2/NDF : 11.2/9

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2874.618+/-1.468 χ^2/NDF : 170638.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2093.048+/-1.057 χ^2/NDF : 412248.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

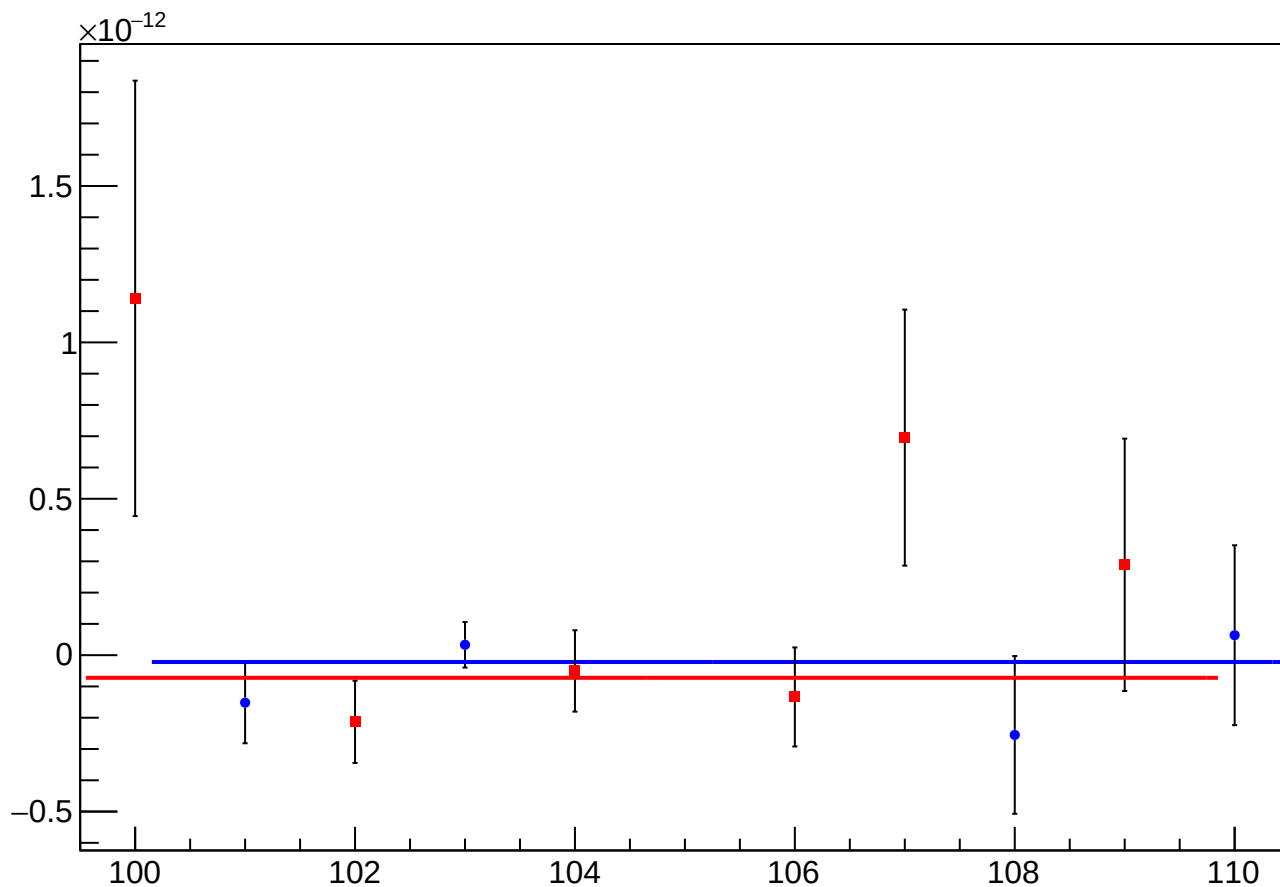
Right: 2360.104+/-0.858 χ^2/NDF : 769555.2/9

In: 2874.618+/-1.468 χ^2/NDF : 170638.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2360.104+/-0.858 χ^2/NDF : 769555.2/9

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.7/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

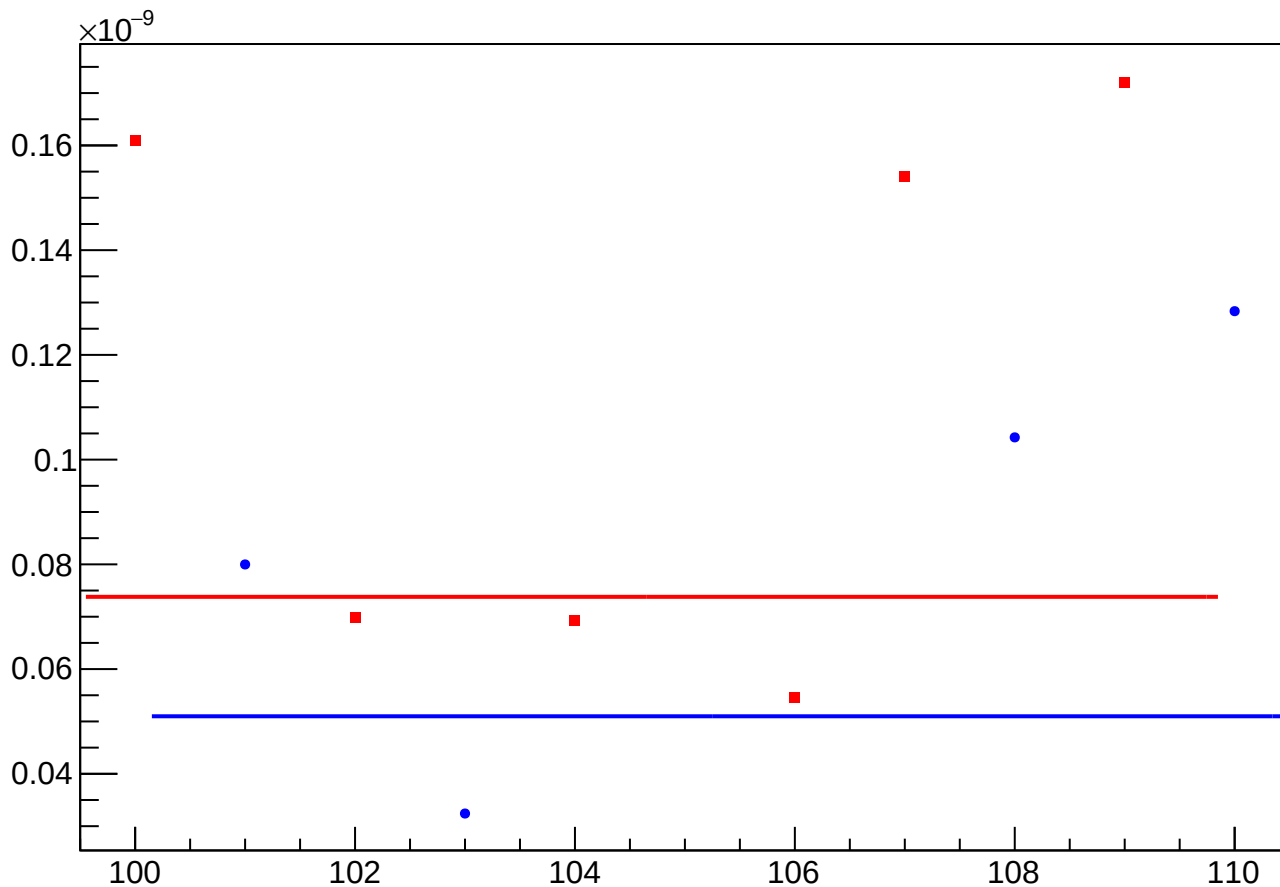
Right: -0.000+/-0.000 χ^2 /NDF: 11.5/9

In: -0.000+/-0.000 χ^2 /NDF:2.5/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.5/9

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 463580.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 260385.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

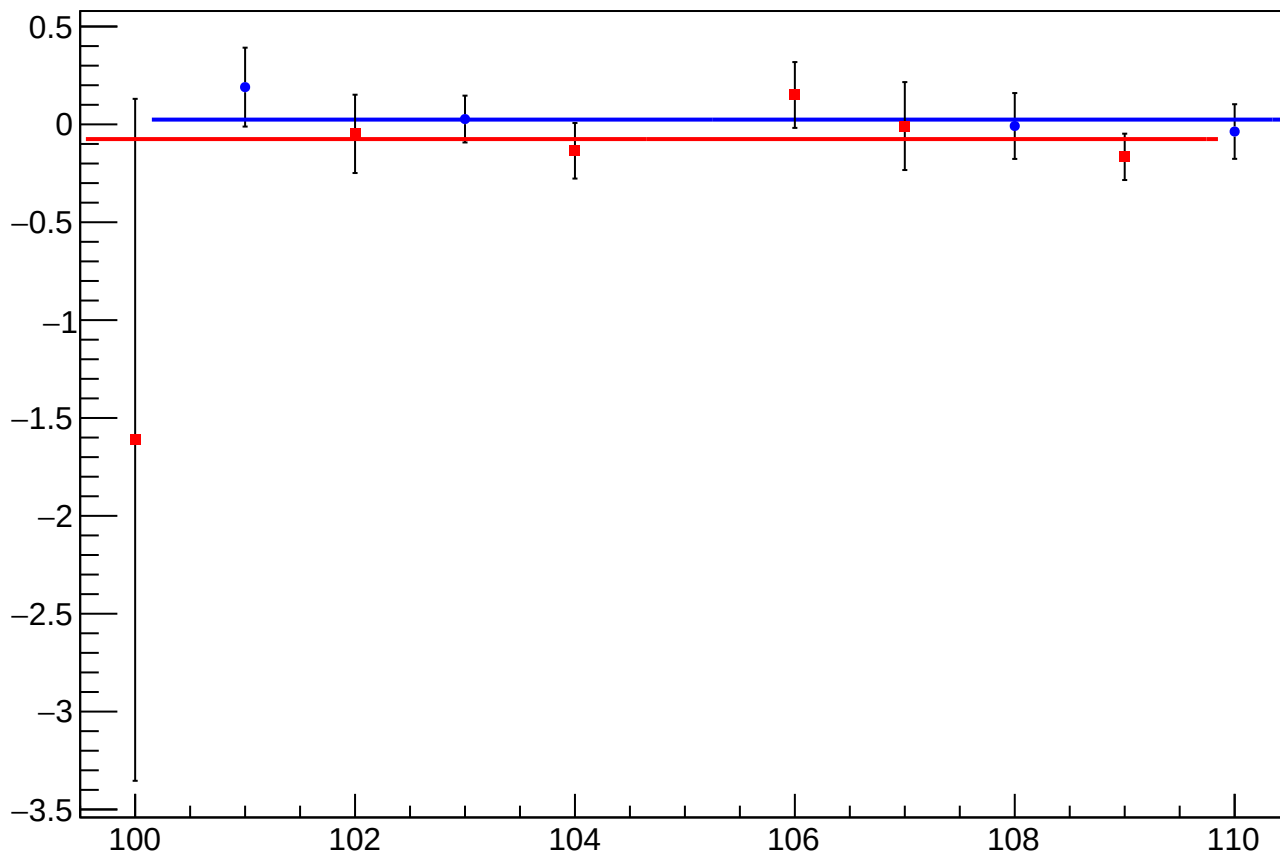
Right: 0.000+/-0.000 χ^2/NDF : 833784.8/9

In: 0.000+/-0.000 χ^2/NDF : 463580.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 833784.8/9

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.074 χ^2 /NDF: 0.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.075 $\pm$ 0.070 χ^2 /NDF: 3.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

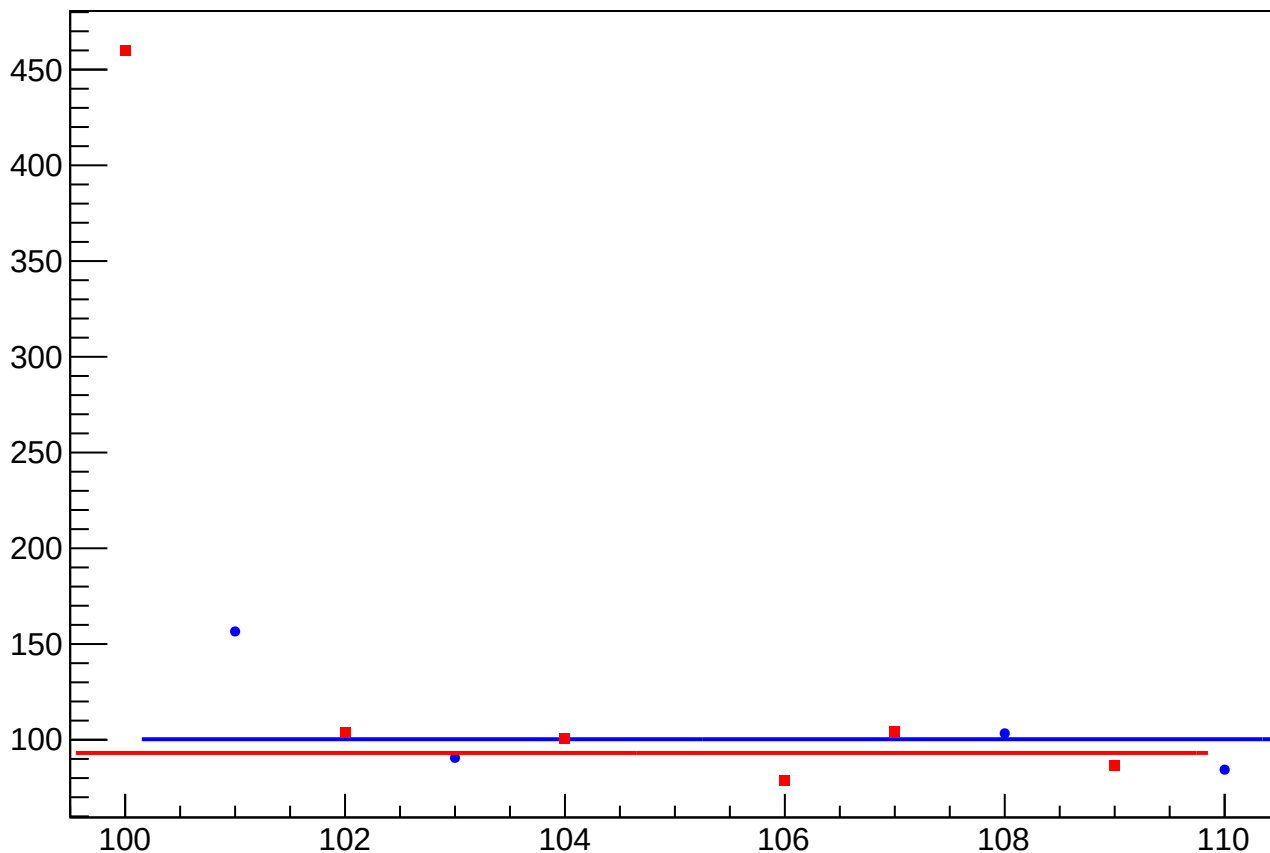
Right: -0.028 $\pm$ 0.051 χ^2 /NDF: 5.3/9

In: 0.024 $\pm$ 0.074 χ^2 /NDF: 0.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.028 $\pm$ 0.051 χ^2 /NDF: 5.3/9

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.286+/-0.053 χ^2/NDF : 195719.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.137+/-0.050 χ^2/NDF : 125869.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

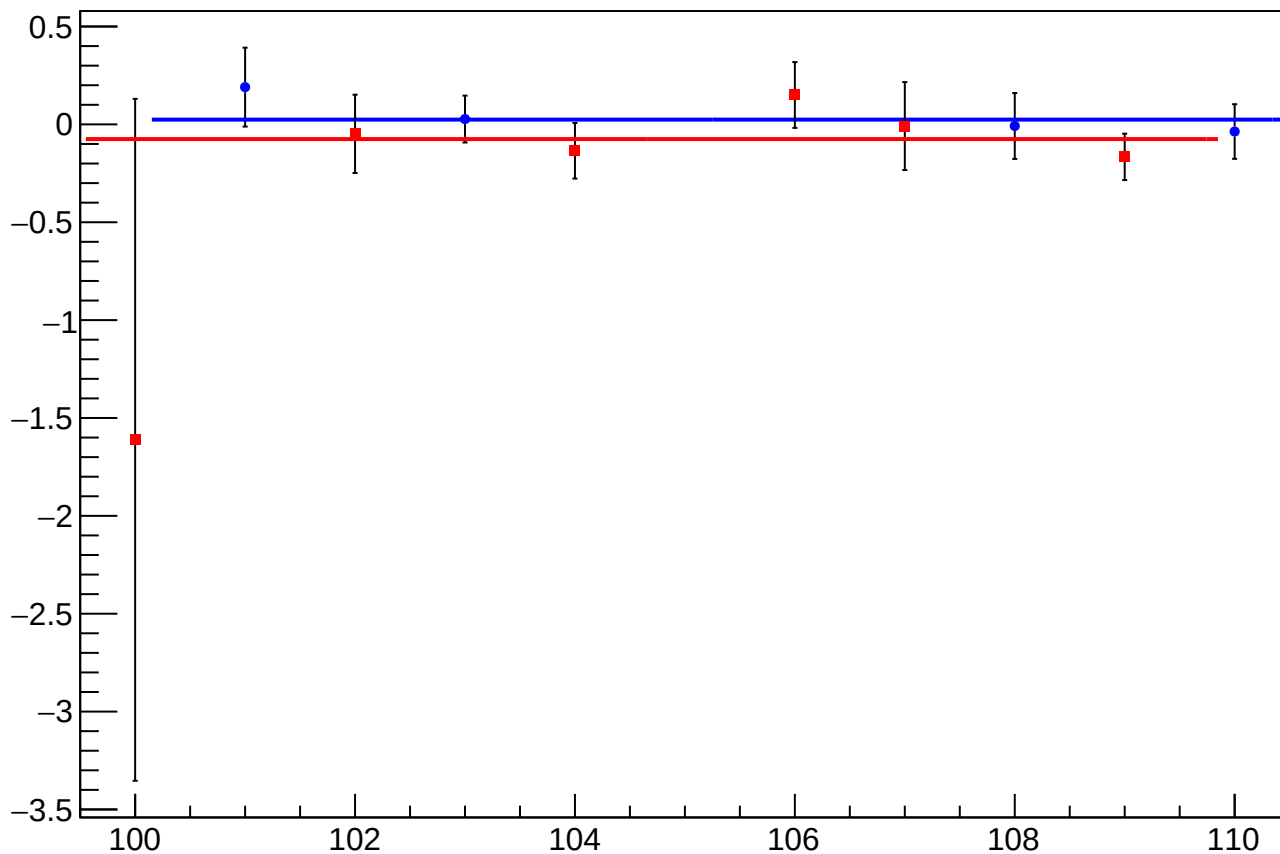
Right: 96.521+/-0.036 χ^2/NDF : 331340.3/9

In: 100.286+/-0.053 χ^2/NDF : 195719.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.521+/-0.036 χ^2/NDF : 331340.3/9

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.074 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.075+/-0.070 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

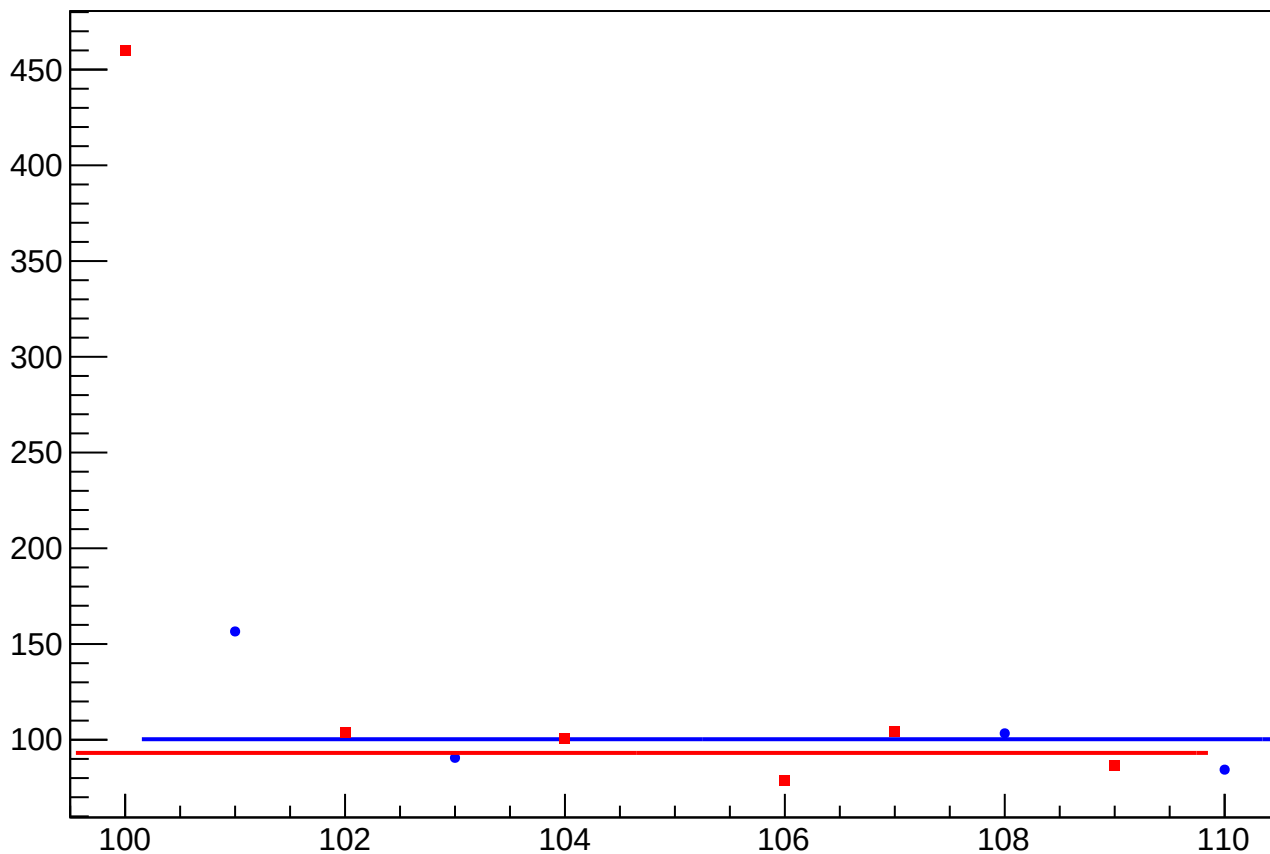
Right: -0.028+/-0.051 χ^2/NDF : 5.3/9

In: 0.024+/-0.074 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.028+/-0.051 χ^2/NDF : 5.3/9

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.286+/-0.053 χ^2/NDF : 195719.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.137+/-0.050 χ^2/NDF : 125869.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

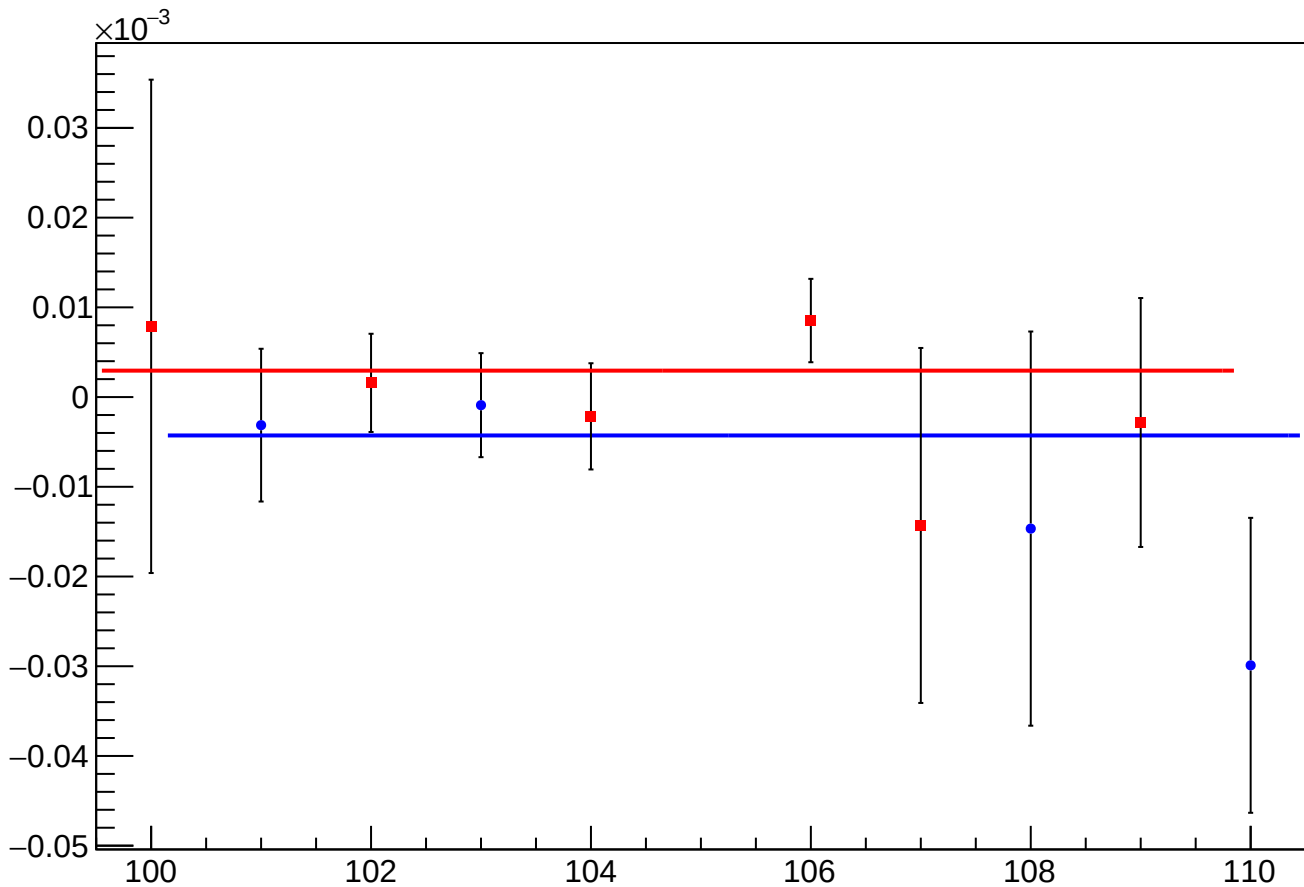
Right: 96.521+/-0.036 χ^2/NDF : 331340.3/9

In: 100.286+/-0.053 χ^2/NDF : 195719.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.521+/-0.036 χ^2/NDF : 331340.3/9

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

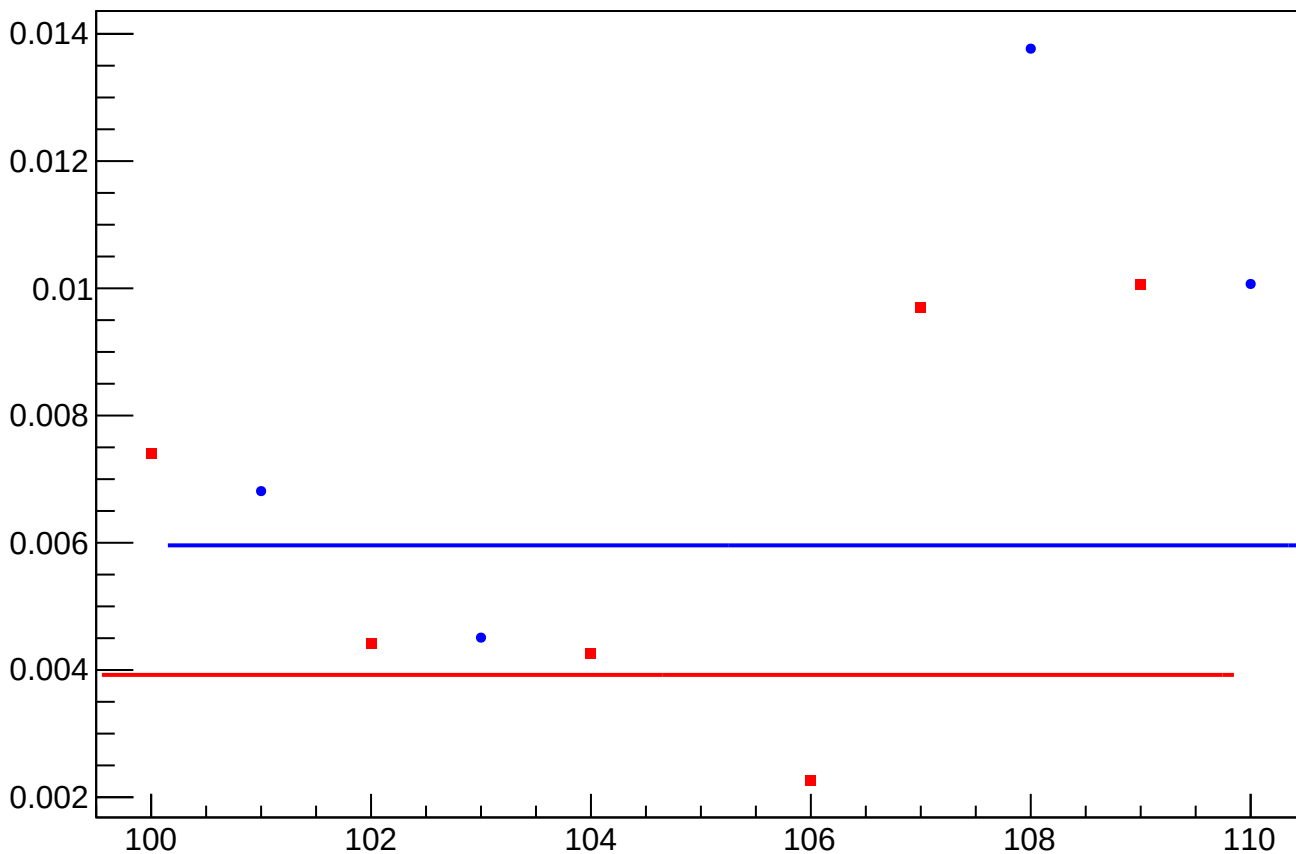
Right: 0.000+/-0.000 χ^2/NDF : 8.0/9

In: -0.000+/-0.000 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/9

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 522970.3/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 871782.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

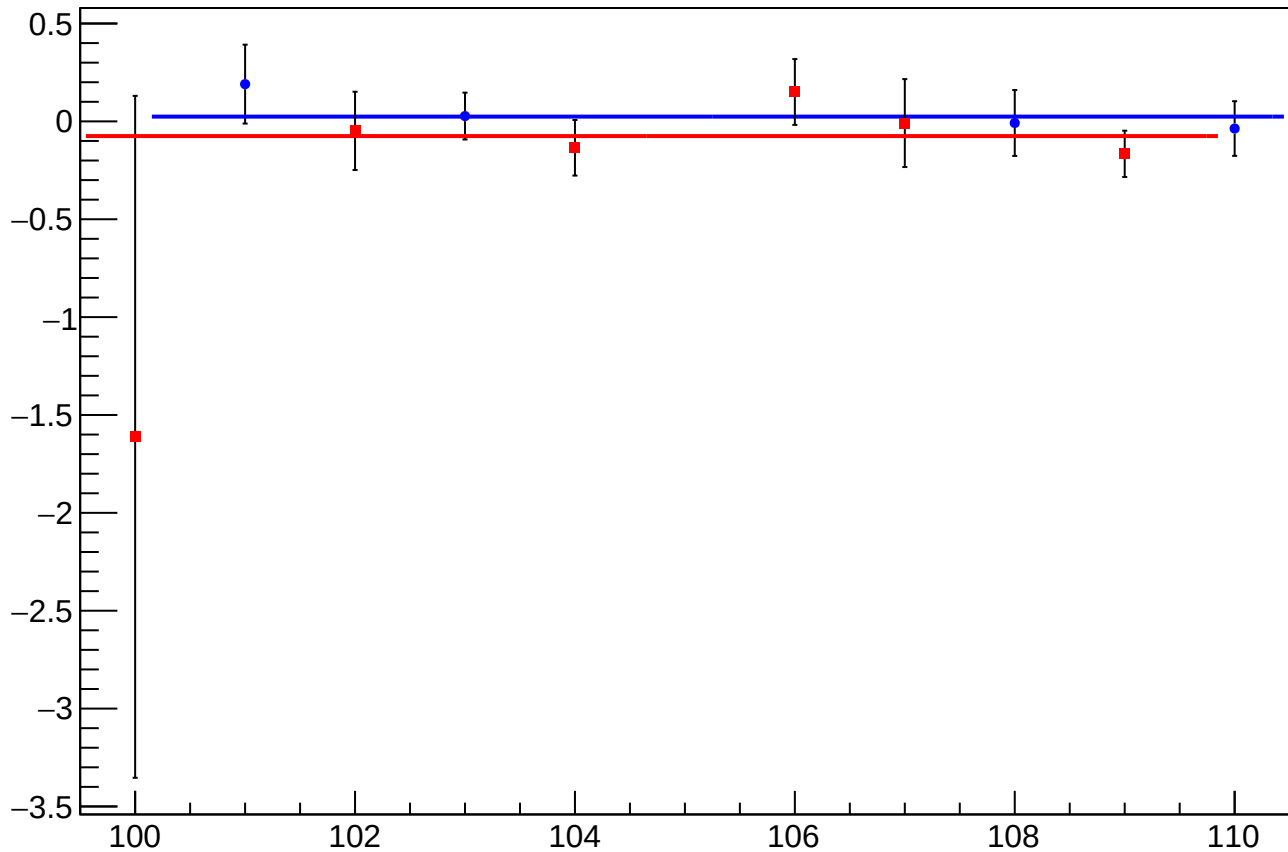
Right: 0.005+/-0.000 χ^2/NDF : 1682699.5/9

In: 0.006+/-0.000 χ^2/NDF :522970.3/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1682699.5/9

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.074 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.075+/-0.070 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

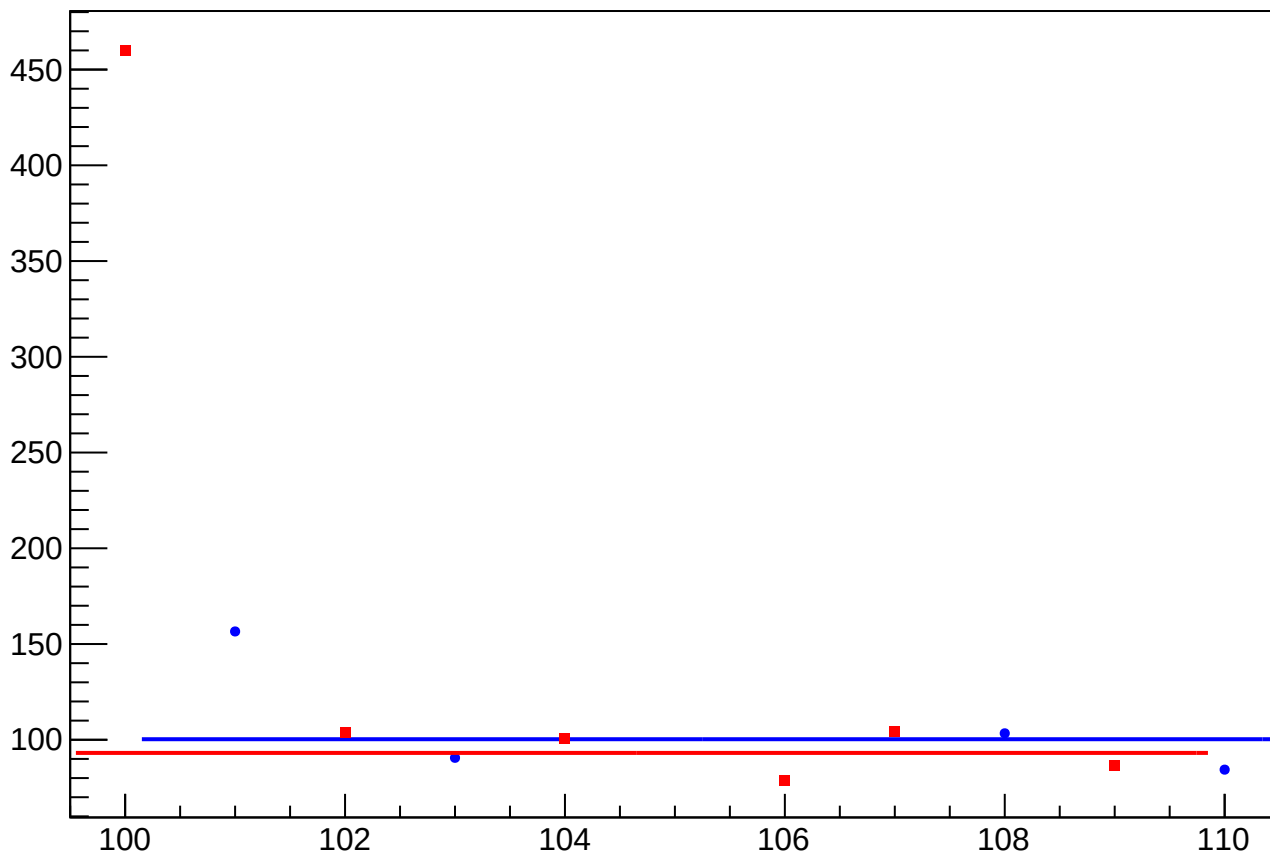
Right: -0.028+/-0.051 χ^2/NDF : 5.3/9

In: 0.024+/-0.074 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.028+/-0.051 χ^2/NDF : 5.3/9

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.289+/-0.053 χ^2/NDF : 195692.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.138+/-0.050 χ^2/NDF : 125861.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

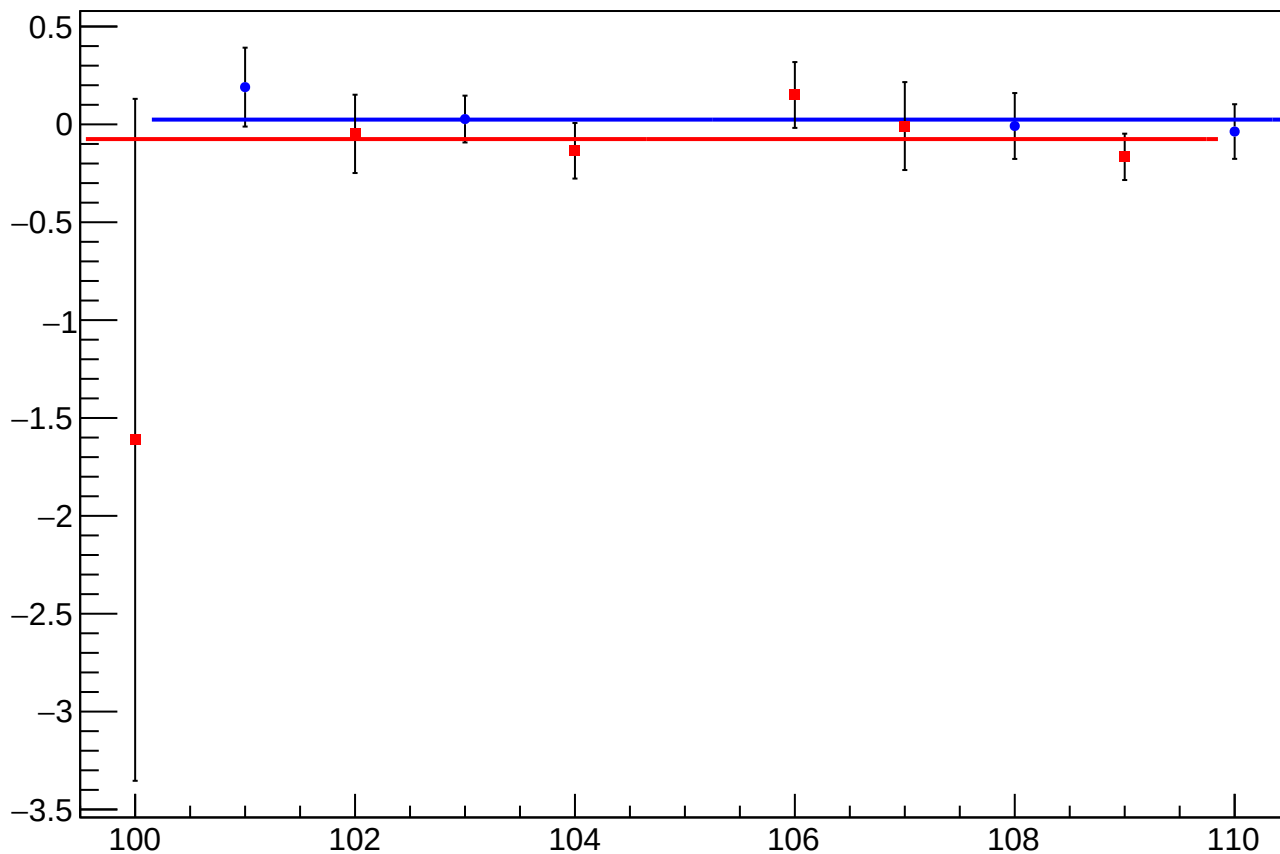
Right: 96.524+/-0.036 χ^2/NDF : 331311.1/9

In: 100.289+/-0.053 χ^2/NDF : 195692.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.524+/-0.036 χ^2/NDF : 331311.1/9

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.074 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.075+/-0.070 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

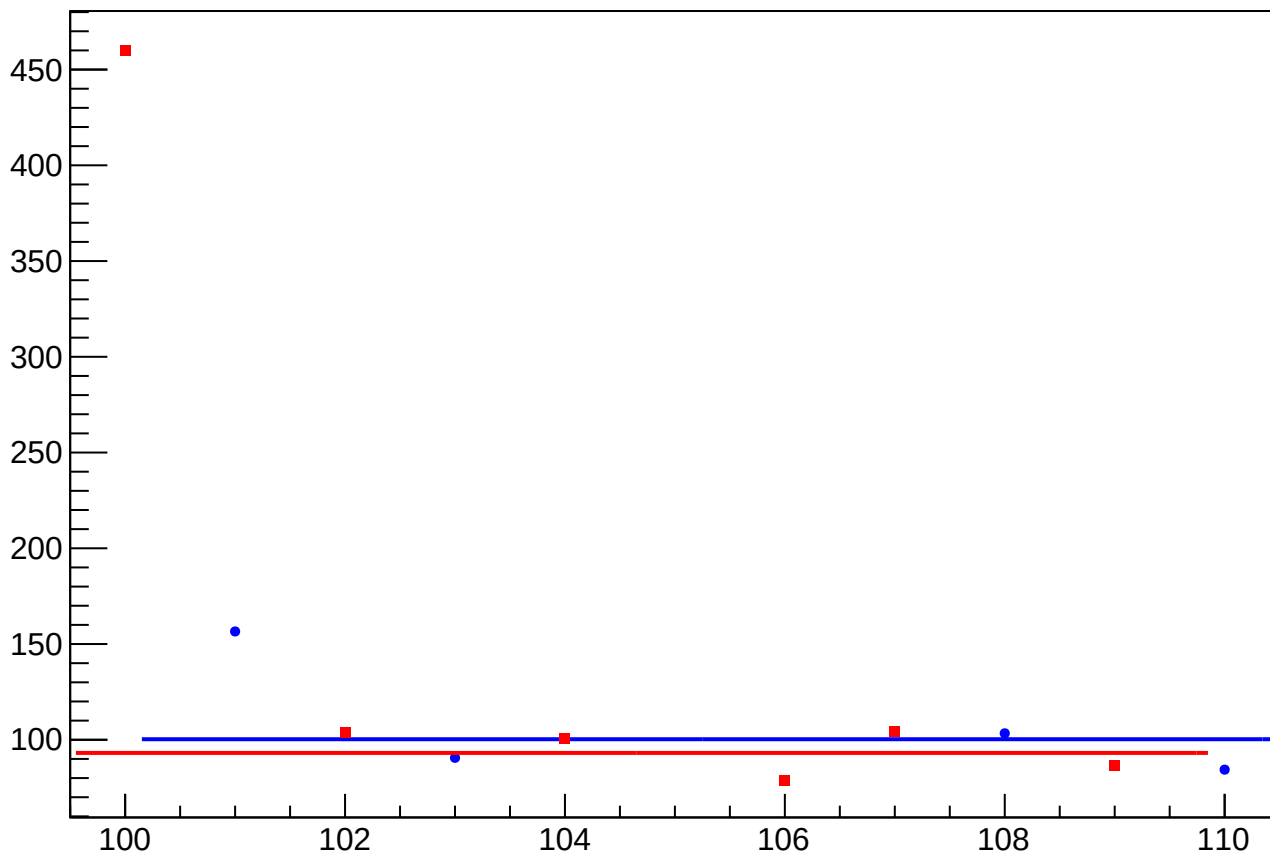
Right: -0.028+/-0.051 χ^2/NDF : 5.3/9

In: 0.024+/-0.074 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.028+/-0.051 χ^2/NDF : 5.3/9

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.289+/-0.053 χ^2/NDF : 195692.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.138+/-0.050 χ^2/NDF : 125861.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

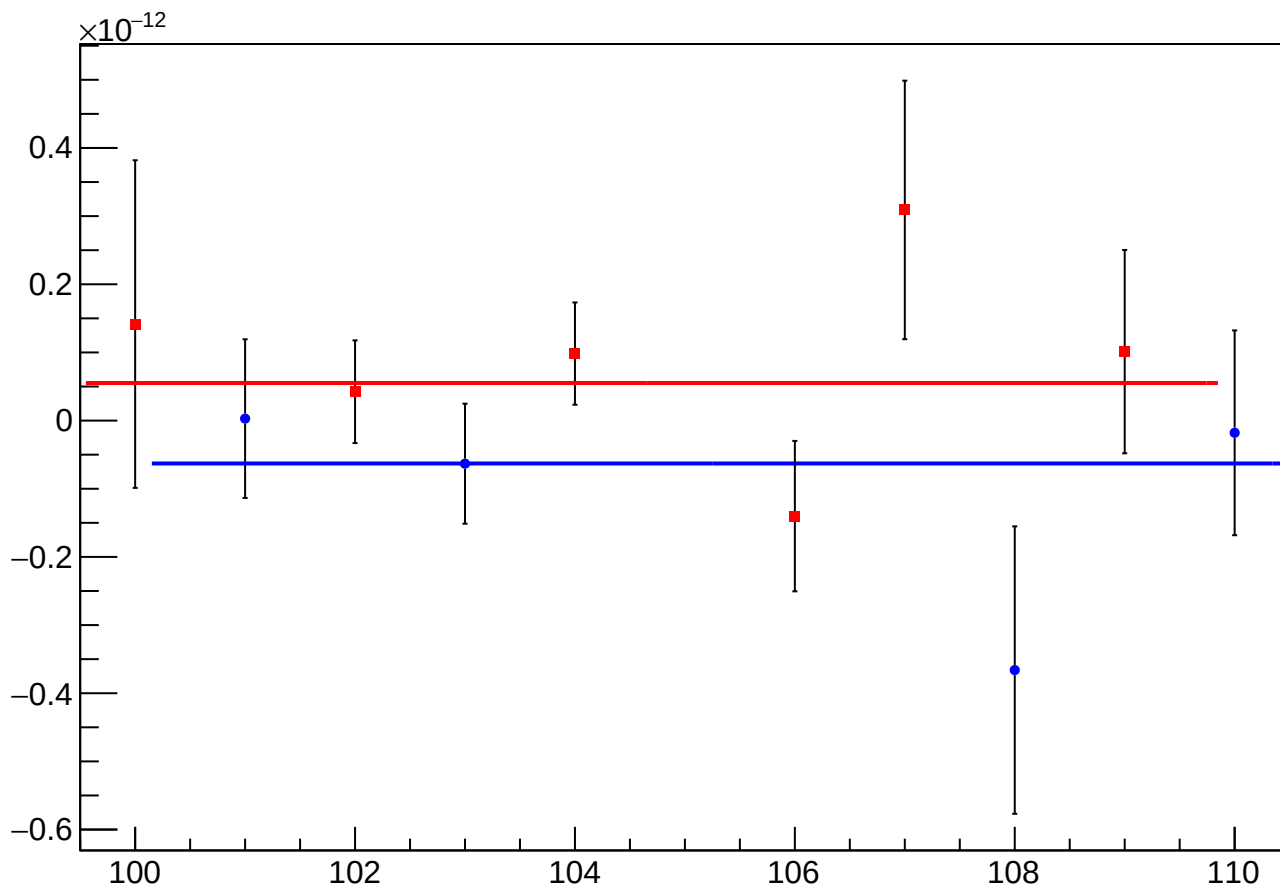
Right: 96.524+/-0.036 χ^2/NDF : 331311.1/9

In: 100.289+/-0.053 χ^2/NDF : 195692.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.524+/-0.036 χ^2/NDF : 331311.1/9

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

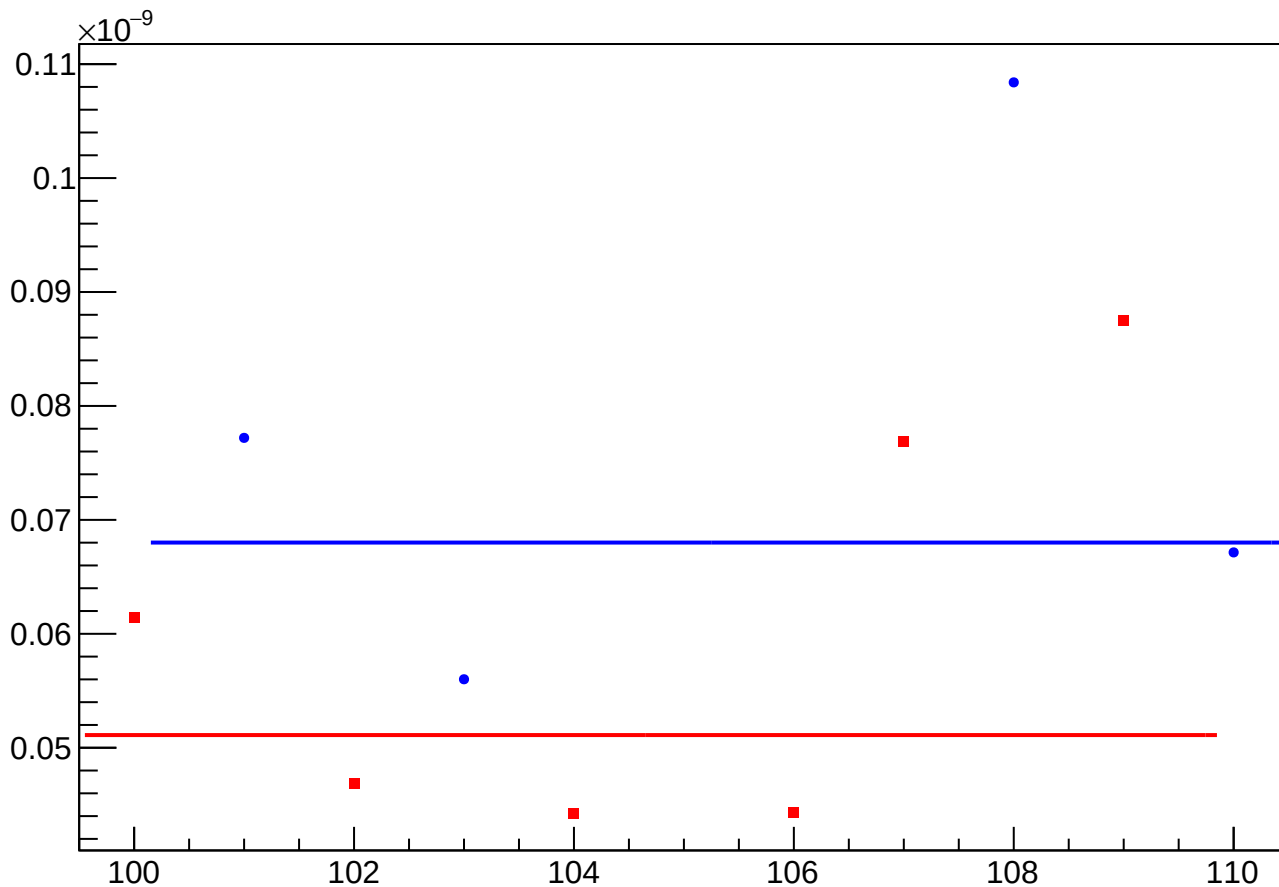
Right: 0.000+/-0.000 χ^2/NDF : 10.5/9

In: -0.000+/-0.000 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.5/9

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 123051.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 190206.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

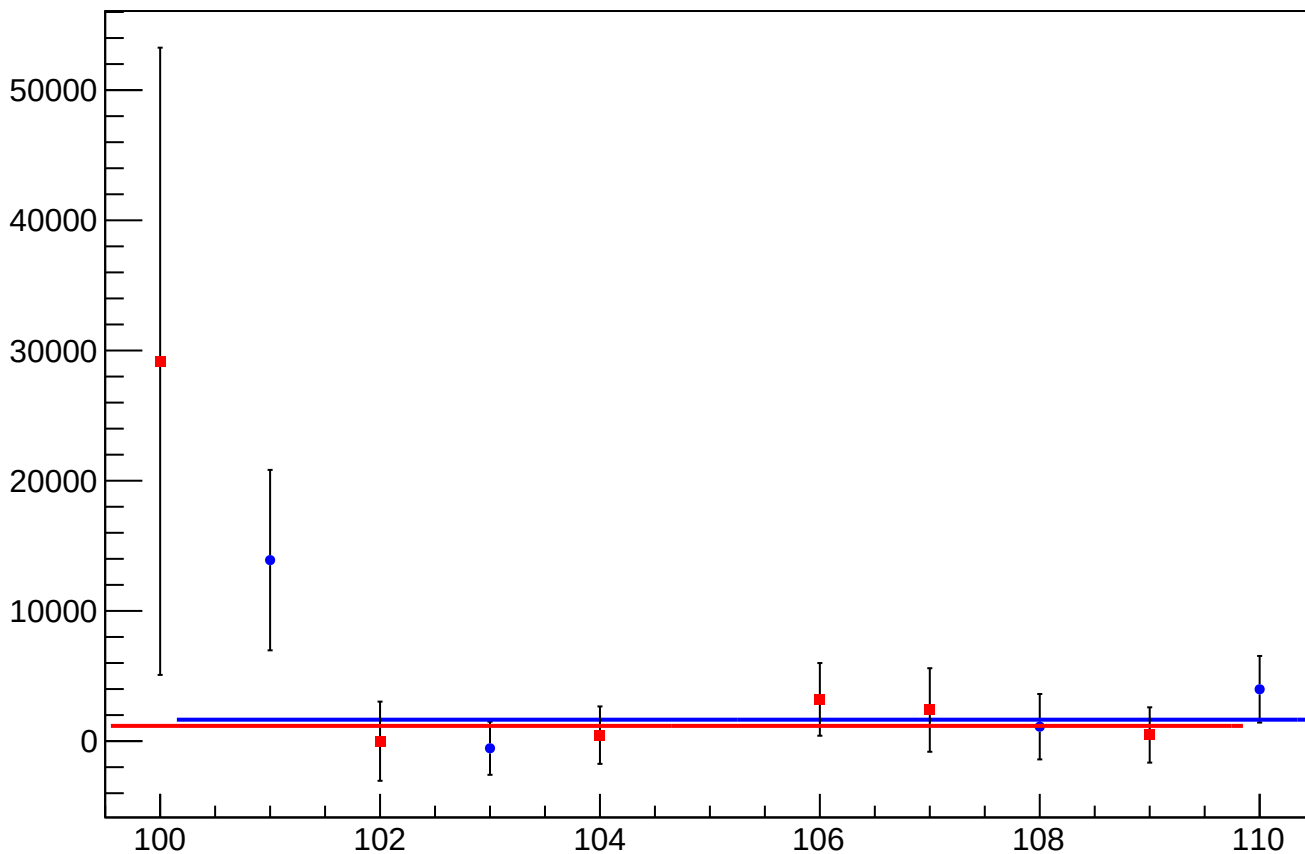
Right: 0.000+/-0.000 χ^2/NDF : 415026.1/9

In: 0.000+/-0.000 χ^2/NDF : 123051.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 415026.1/9

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1646.544+/-1321.917 χ^2 /NDF: 5.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1170.248+/-1145.115 χ^2 /NDF: 2.4/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

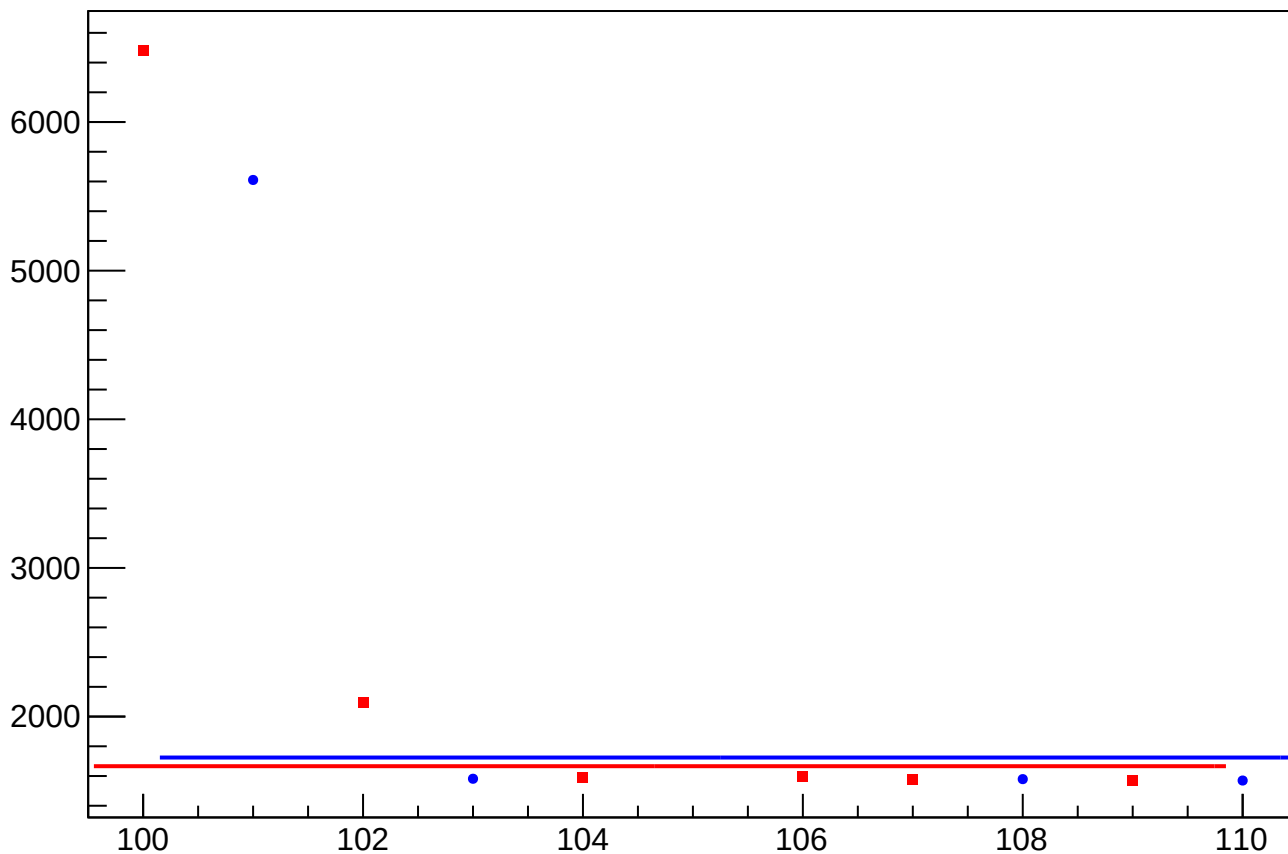
Right: 1374.436+/-865.528 χ^2 /NDF: 7.6/9

In: 1646.544+/-1321.917 χ^2 /NDF: 5.2/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1374.436+/-865.528 χ^2 /NDF: 7.6/9

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1724.374+/-0.935 χ^2/NDF : 652866.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1666.070+/-0.810 χ^2/NDF : 129073.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

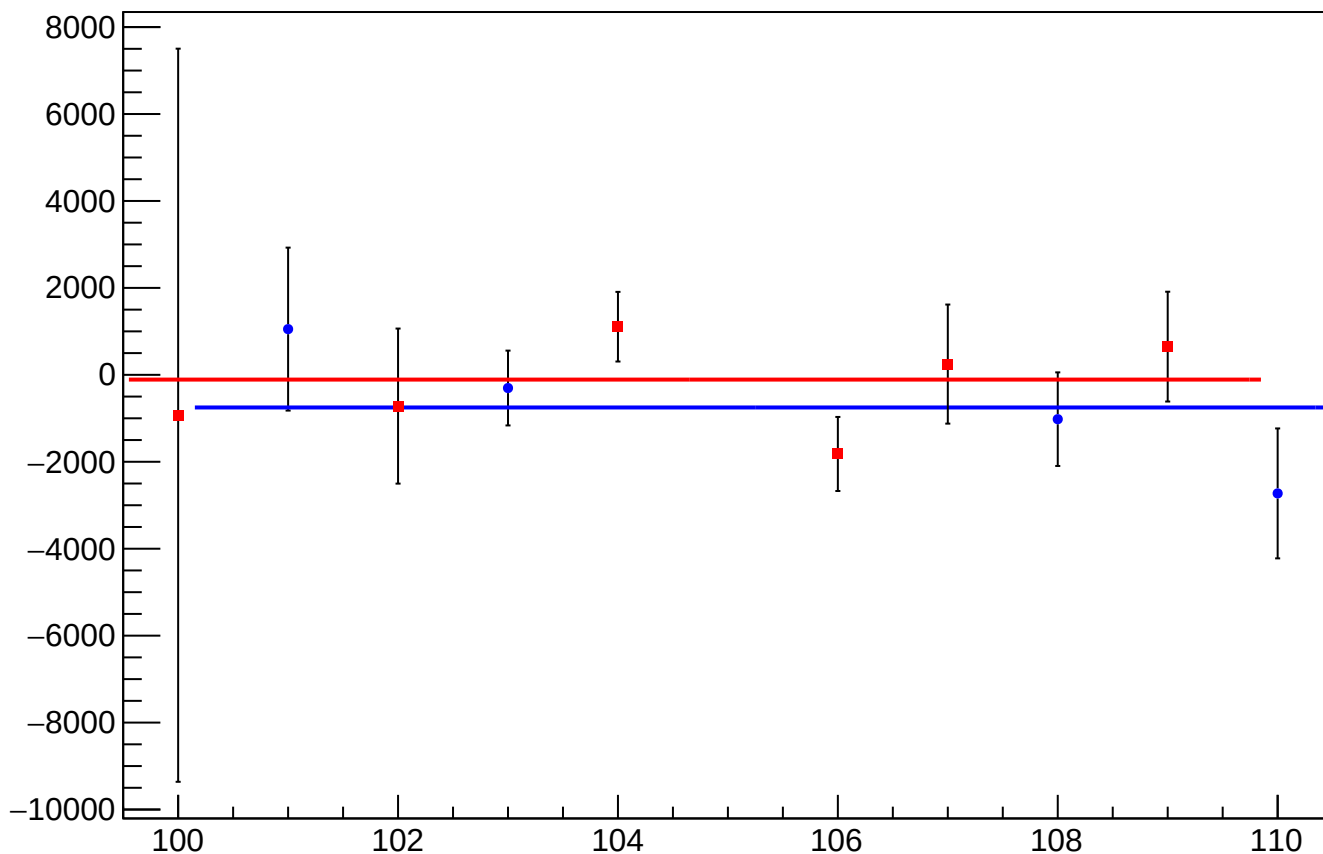
Right: 1691.065+/-0.612 χ^2/NDF : 784163.1/9

In: 1724.374+/-0.935 χ^2/NDF : 652866.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1691.065+/-0.612 χ^2/NDF : 784163.1/9

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -750.741+/-582.693 χ^2/NDF : 3.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.328+/-475.406 χ^2/NDF : 6.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

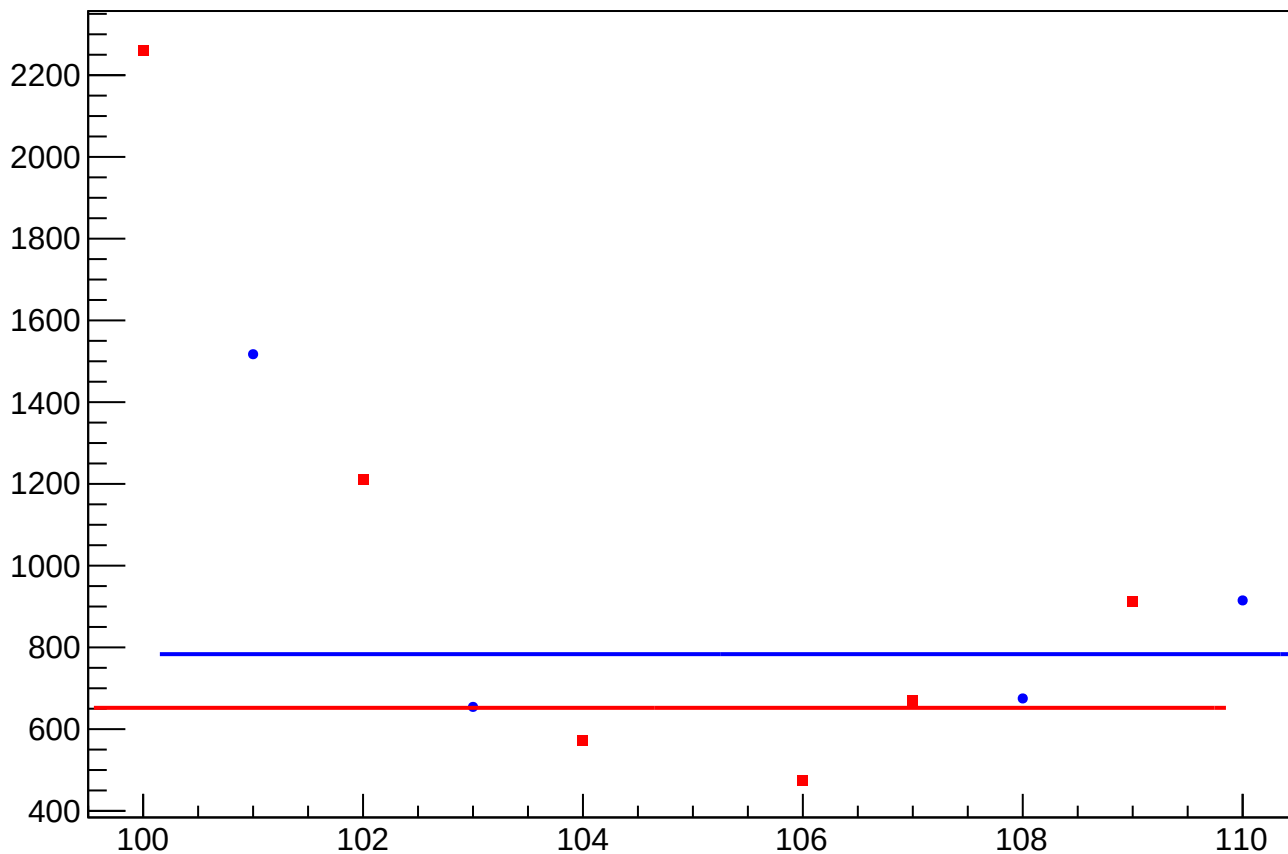
Right: -365.660+/-368.360 χ^2/NDF : 10.6/9

In: -750.741+/-582.693 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.660+/-368.360 χ^2/NDF : 10.6/9

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 783.474+/-0.412 χ^2/NDF : 387262.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 652.140+/-0.336 χ^2/NDF : 460822.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

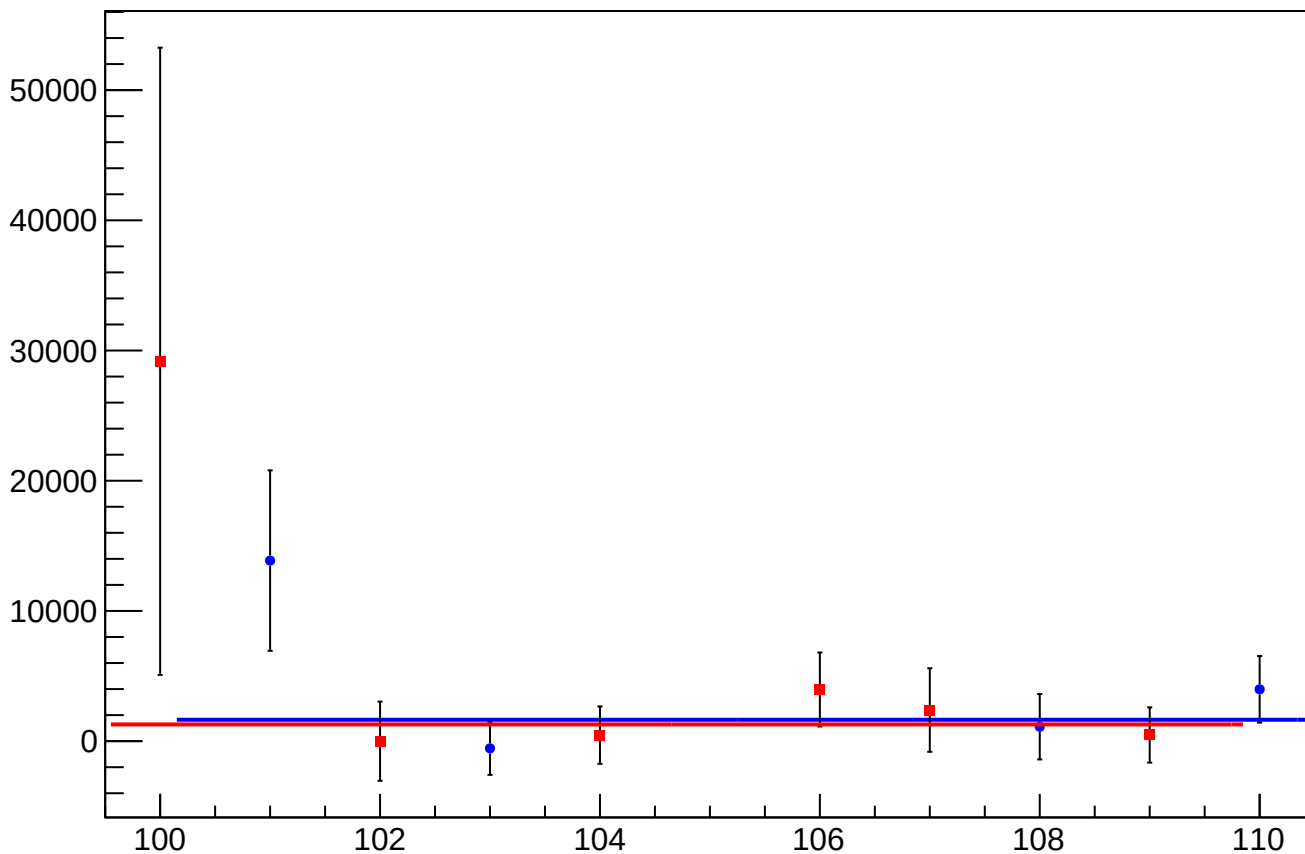
Right: 704.626+/-0.260 χ^2/NDF : 909082.8/9

In: 783.474+/-0.412 χ^2/NDF : 387262.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 704.626+/-0.260 χ^2/NDF : 909082.8/9

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1644.254+/-1321.918 χ^2/NDF : 5.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.548+/-1148.447 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

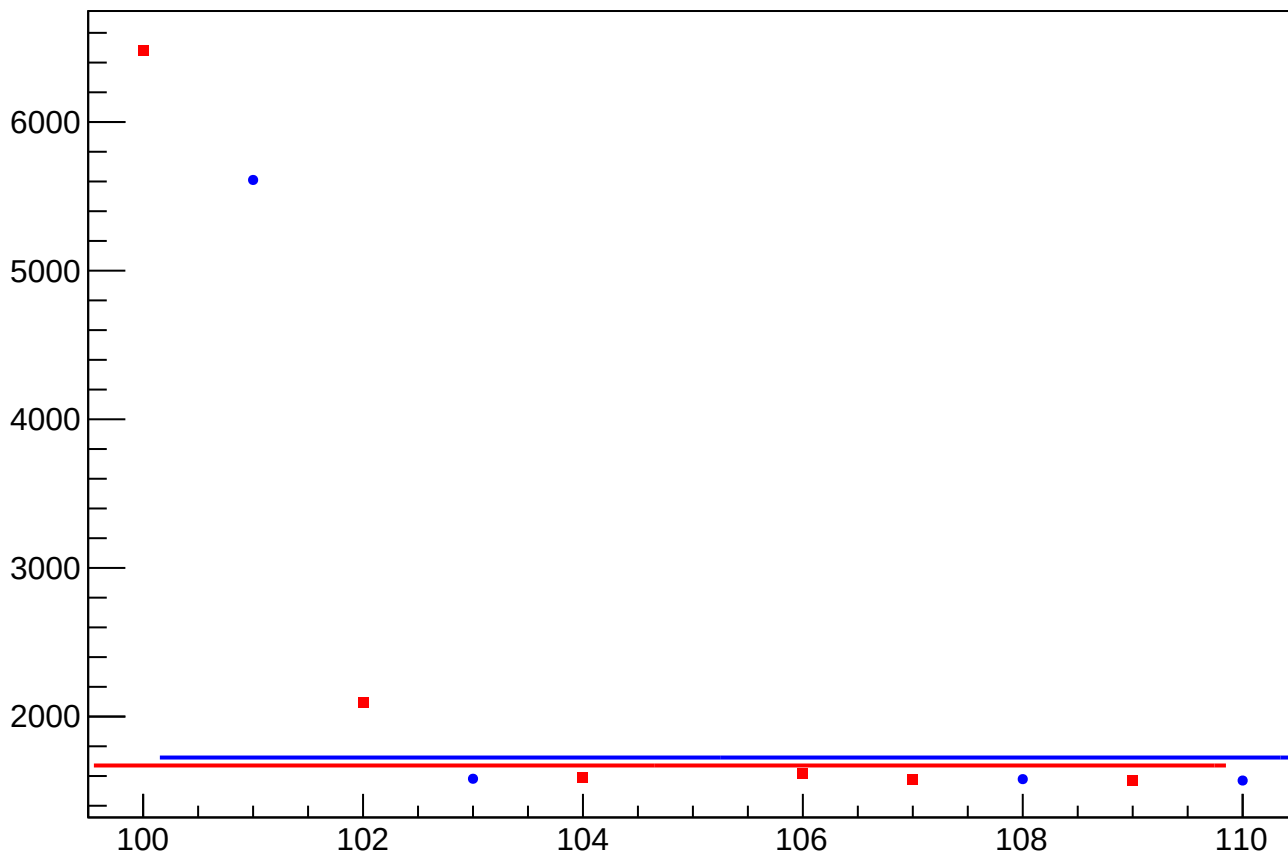
Right: 1439.266+/-866.964 χ^2/NDF : 8.0/9

In: 1644.254+/-1321.918 χ^2/NDF : 5.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1439.266+/-866.964 χ^2/NDF : 8.0/9

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1724.374+/-0.935 χ^2/NDF : 652866.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1670.824+/-0.812 χ^2/NDF : 128212.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

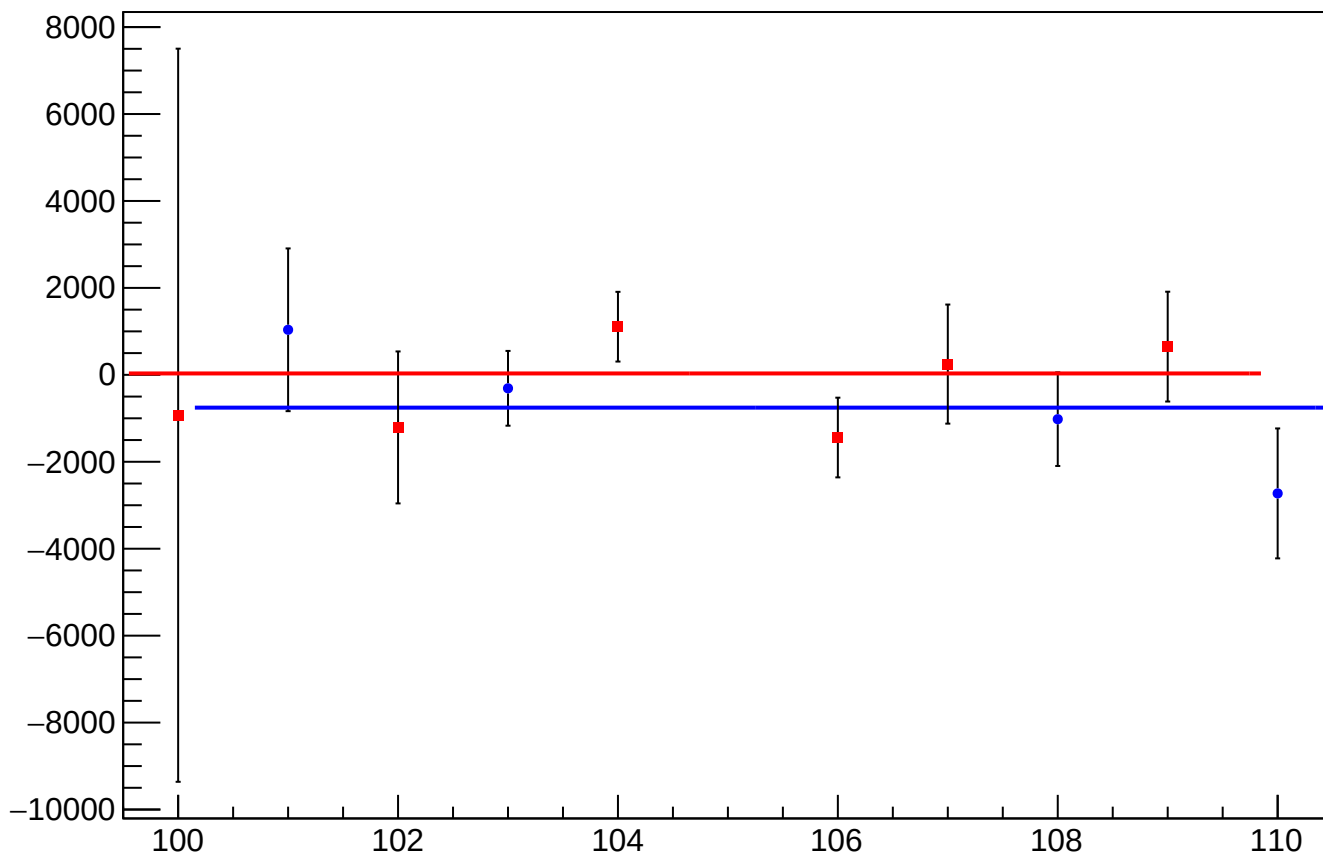
Right: 1693.857+/-0.613 χ^2/NDF : 782948.6/9

In: 1724.374+/-0.935 χ^2/NDF : 652866.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1693.857+/-0.613 χ^2/NDF : 782948.6/9

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -754.513+/-582.466 χ^2/NDF : 3.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.034+/-485.295 χ^2/NDF : 5.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

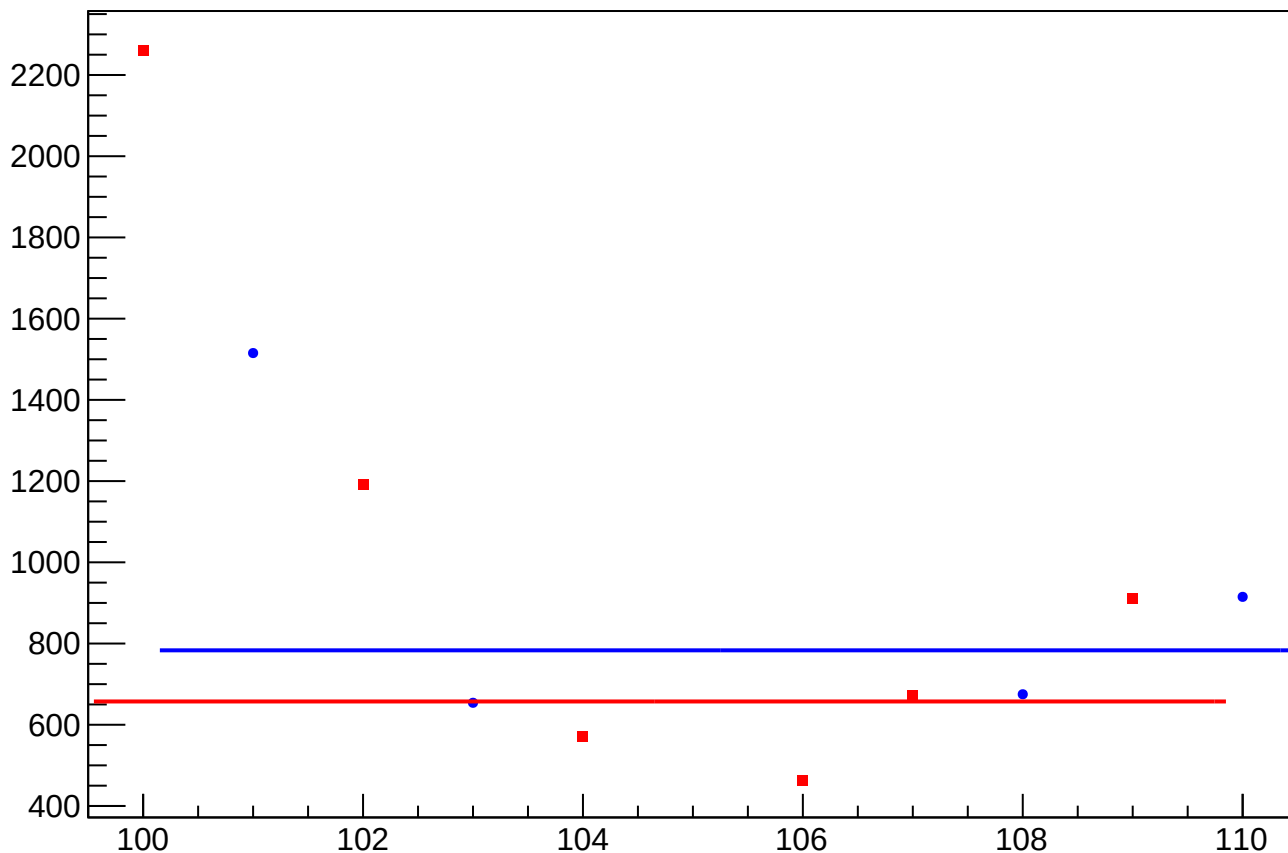
Right: -290.248+/-372.843 χ^2/NDF : 9.2/9

In: -754.513+/-582.466 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.248+/-372.843 χ^2/NDF : 9.2/9

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 783.263+/-0.412 χ^2/NDF : 386695.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 657.358+/-0.343 χ^2/NDF : 452882.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

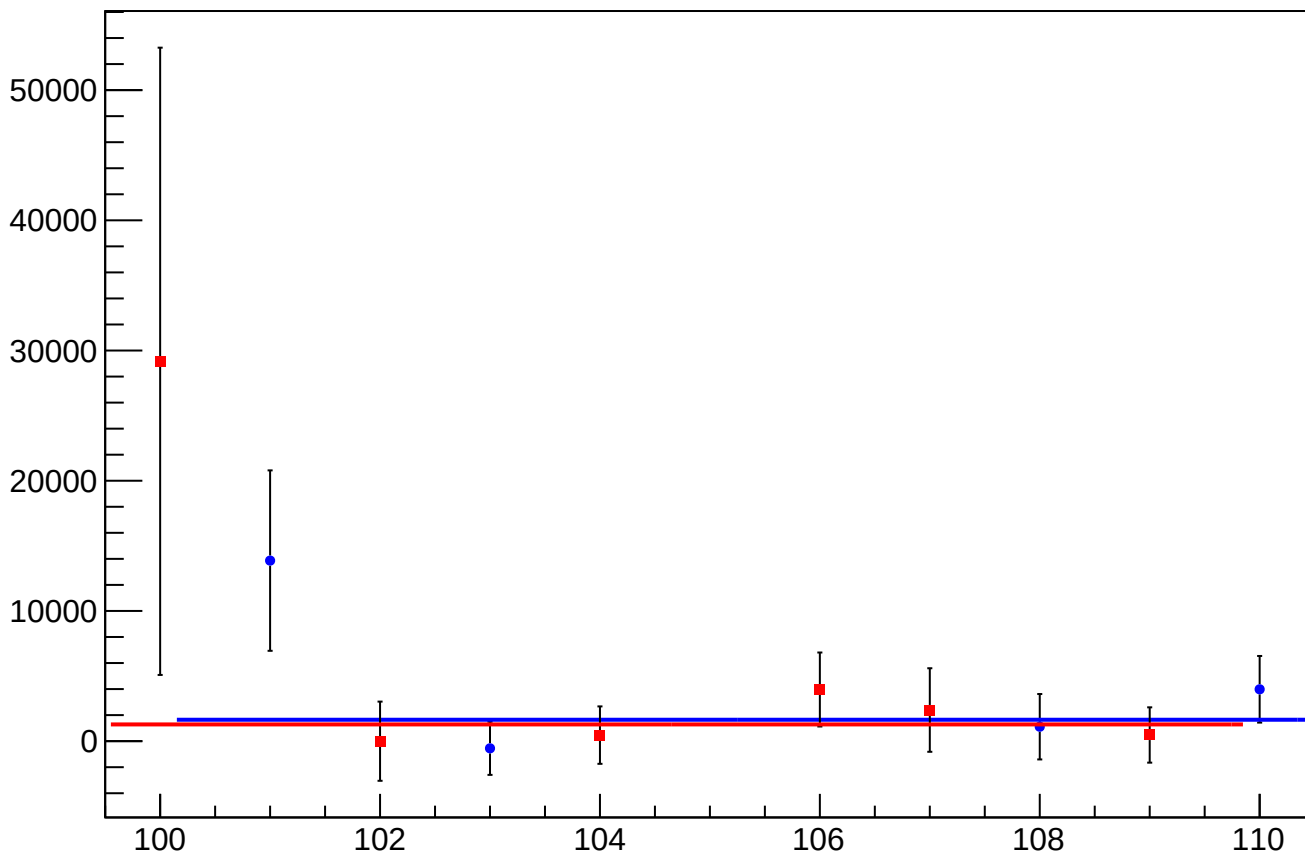
Right: 708.946+/-0.264 χ^2/NDF : 894736.9/9

In: 783.263+/-0.412 χ^2/NDF : 386695.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.946+/-0.264 χ^2/NDF : 894736.9/9

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1644.254+/-1321.918 χ^2 /NDF: 5.1/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1284.548+/-1148.447 χ^2 /NDF: 2.8/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

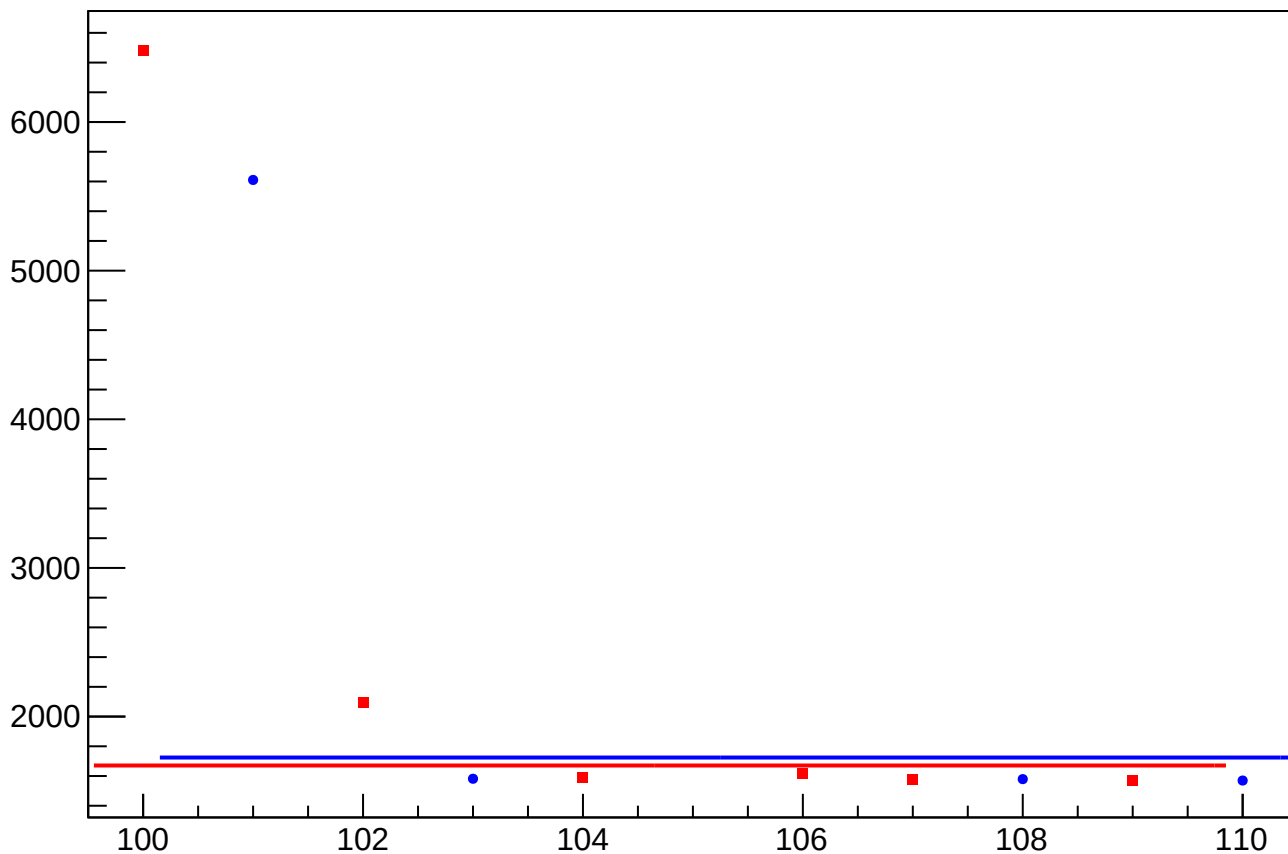
Right: 1439.266+/-866.964 χ^2 /NDF: 8.0/9

In: 1644.254+/-1321.918 χ^2 /NDF: 5.1/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1439.266+/-866.964 χ^2 /NDF: 8.0/9

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1724.374+/-0.935 χ^2/NDF : 652866.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1670.824+/-0.812 χ^2/NDF : 128212.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

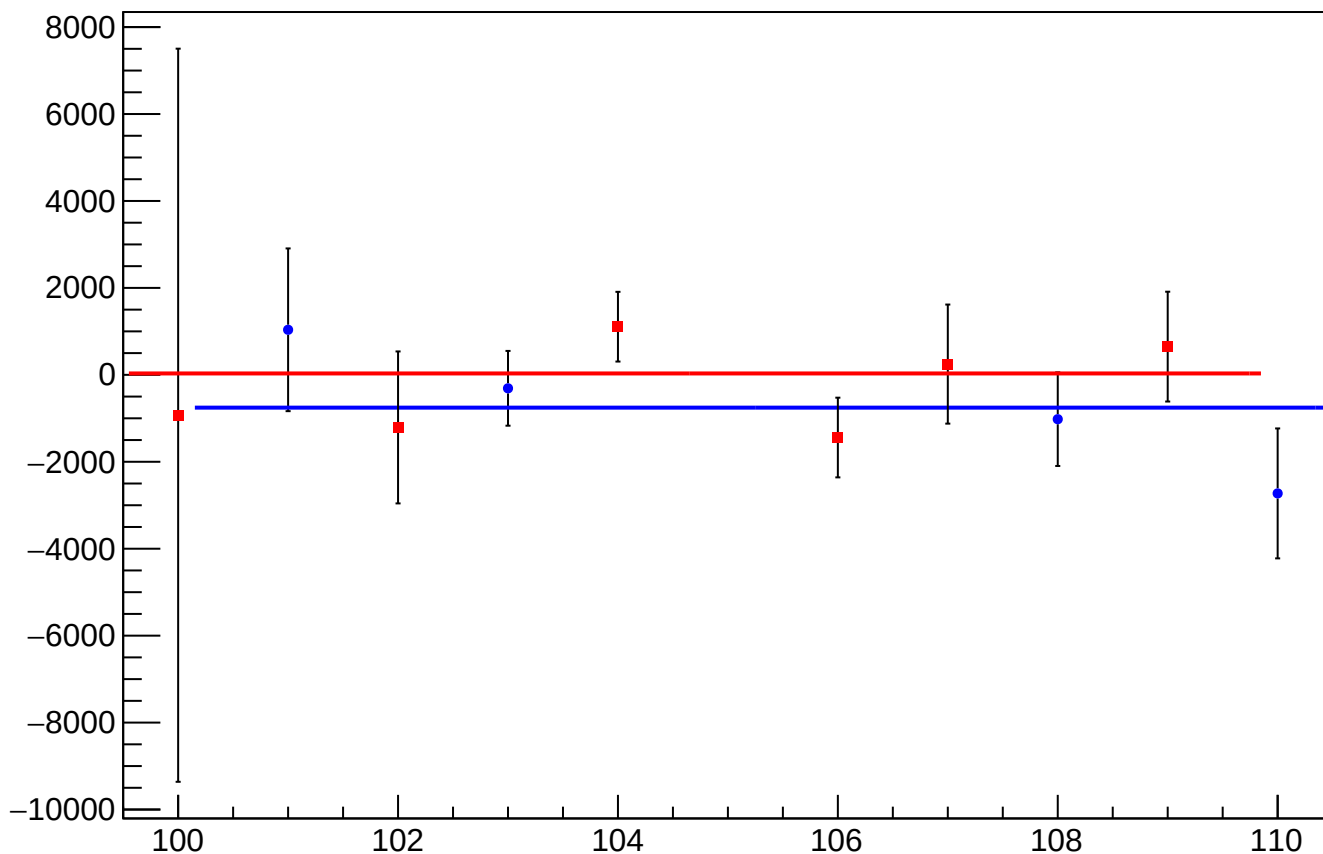
Right: 1693.857+/-0.613 χ^2/NDF : 782948.6/9

In: 1724.374+/-0.935 χ^2/NDF : 652866.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1693.857+/-0.613 χ^2/NDF : 782948.6/9

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -754.513+/-582.466 χ^2/NDF : 3.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.034+/-485.295 χ^2/NDF : 5.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

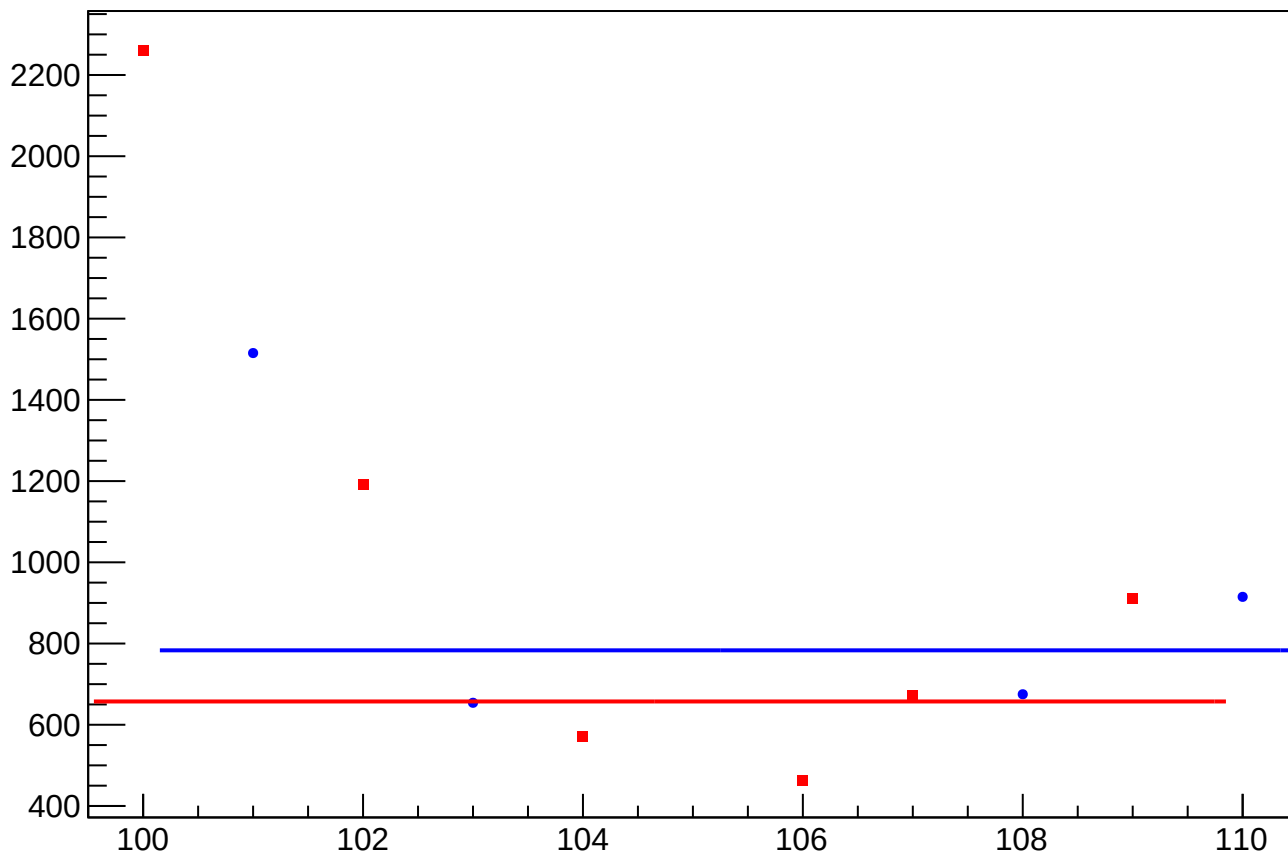
Right: -290.248+/-372.843 χ^2/NDF : 9.2/9

In: -754.513+/-582.466 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.248+/-372.843 χ^2/NDF : 9.2/9

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 783.263+/-0.412 χ^2/NDF : 386695.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 657.358+/-0.343 χ^2/NDF : 452882.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

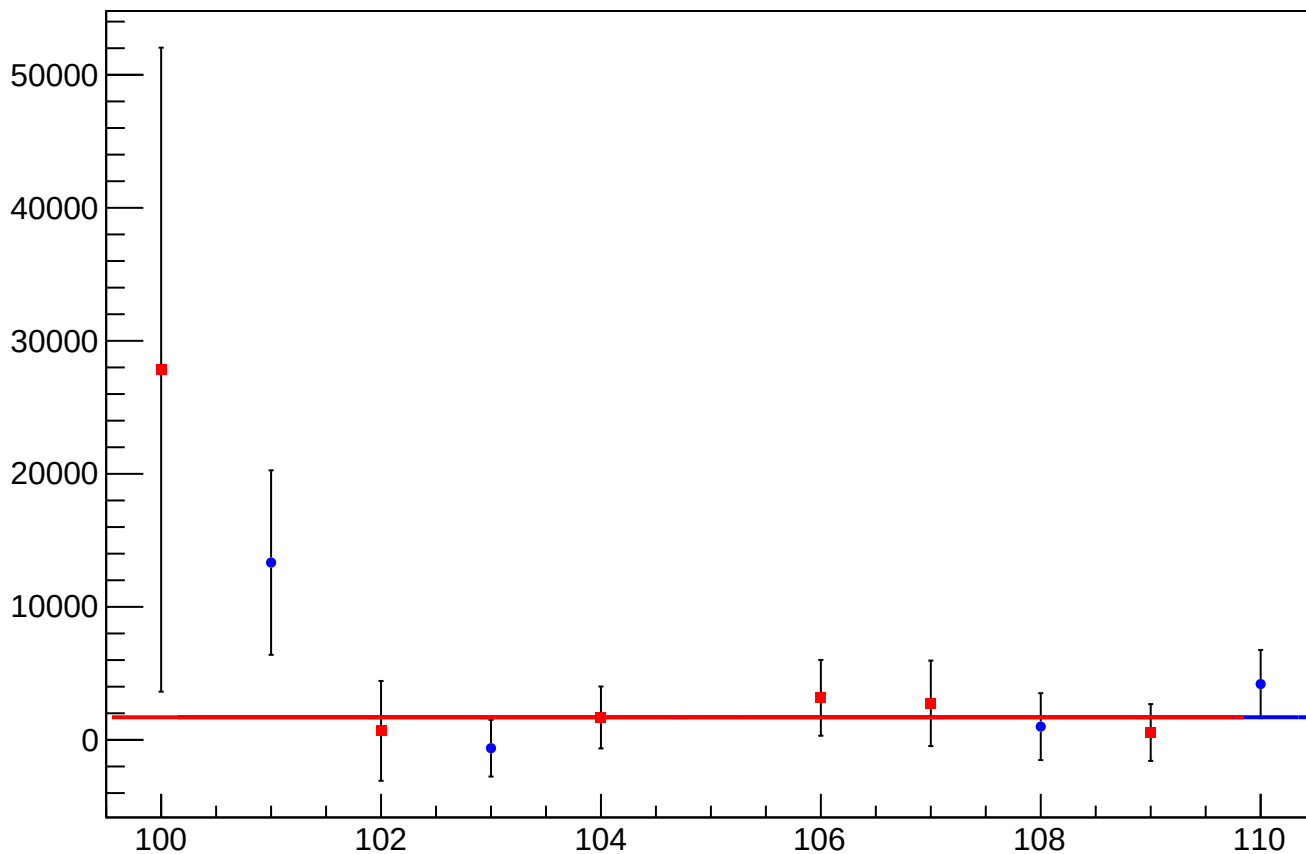
Right: 708.946+/-0.264 χ^2/NDF : 894736.9/9

In: 783.263+/-0.412 χ^2/NDF : 386695.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.946+/-0.264 χ^2/NDF : 894736.9/9

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1701.613+/-1347.575 χ^2 /NDF: 5.0/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1699.131+/-1197.855 χ^2 /NDF: 1.9/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

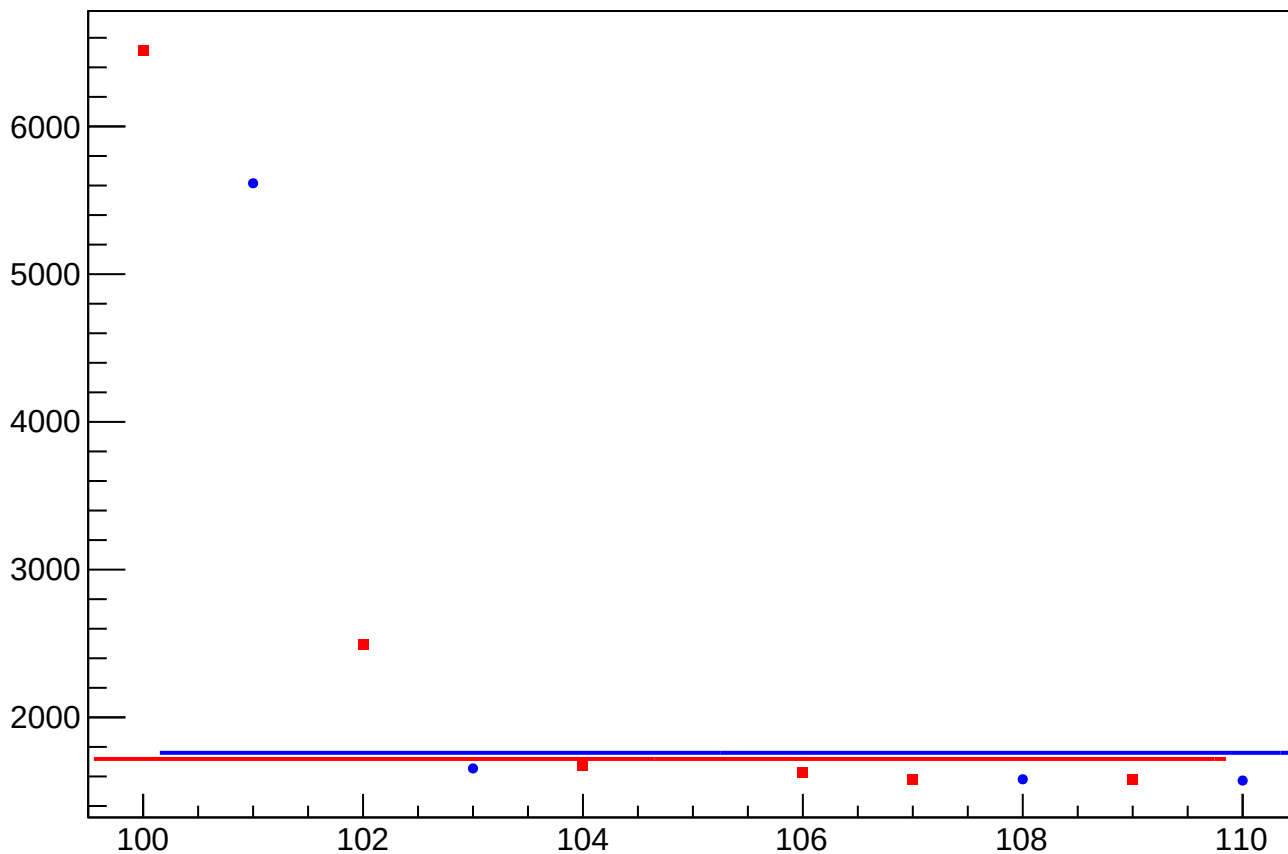
Right: 1700.227+/-895.284 χ^2 /NDF: 6.9/9

In: 1701.613+/-1347.575 χ^2 /NDF:5.0/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1700.227+/-895.284 χ^2 /NDF: 6.9/9

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1760.079+/-0.953 χ^2/NDF : 643885.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1718.637+/-0.847 χ^2/NDF : 179553.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

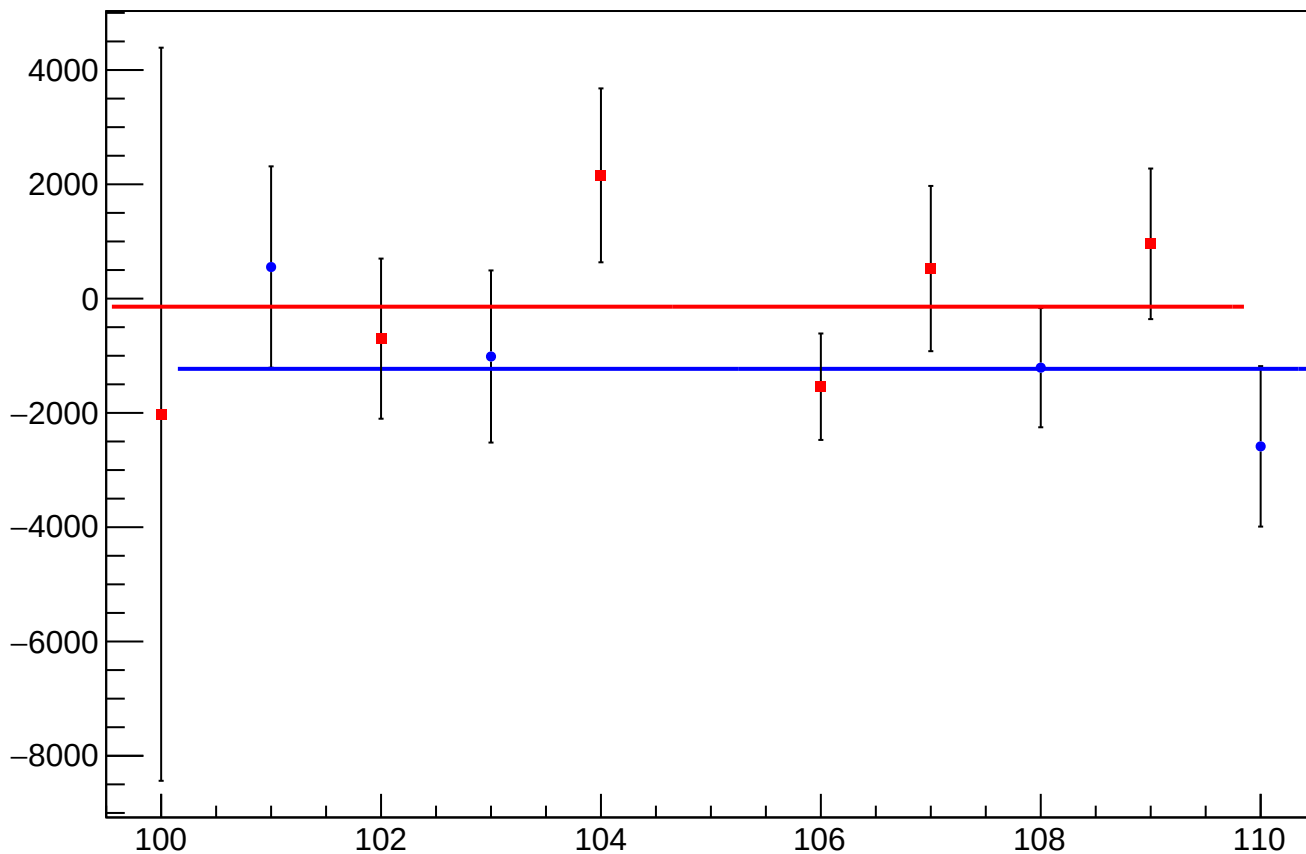
Right: 1736.929+/-0.633 χ^2/NDF : 824495.4/9

In: 1760.079+/-0.953 χ^2/NDF : 643885.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.929+/-0.633 χ^2/NDF : 824495.4/9

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1229.034 $\pm$ 675.803 χ^2 /NDF: 2.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -141.276 $\pm$ 561.371 χ^2 /NDF: 5.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

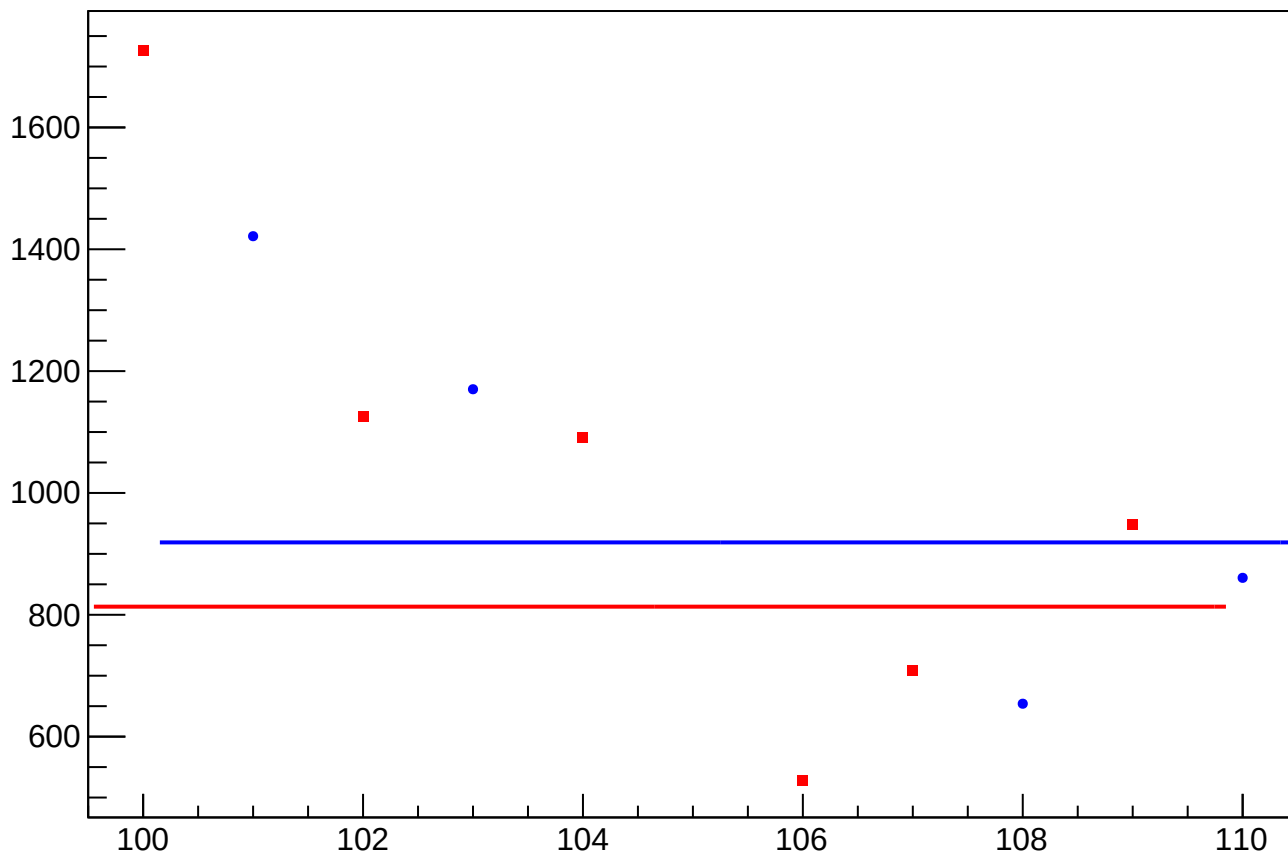
Right: -585.397 $\pm$ 431.822 χ^2 /NDF: 9.2/9

In: -1229.034 $\pm$ 675.803 χ^2 /NDF:2.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -585.397 $\pm$ 431.822 χ^2 /NDF: 9.2/9

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 918.826+/-0.478 χ^2/NDF : 350895.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.352+/-0.397 χ^2/NDF : 425658.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

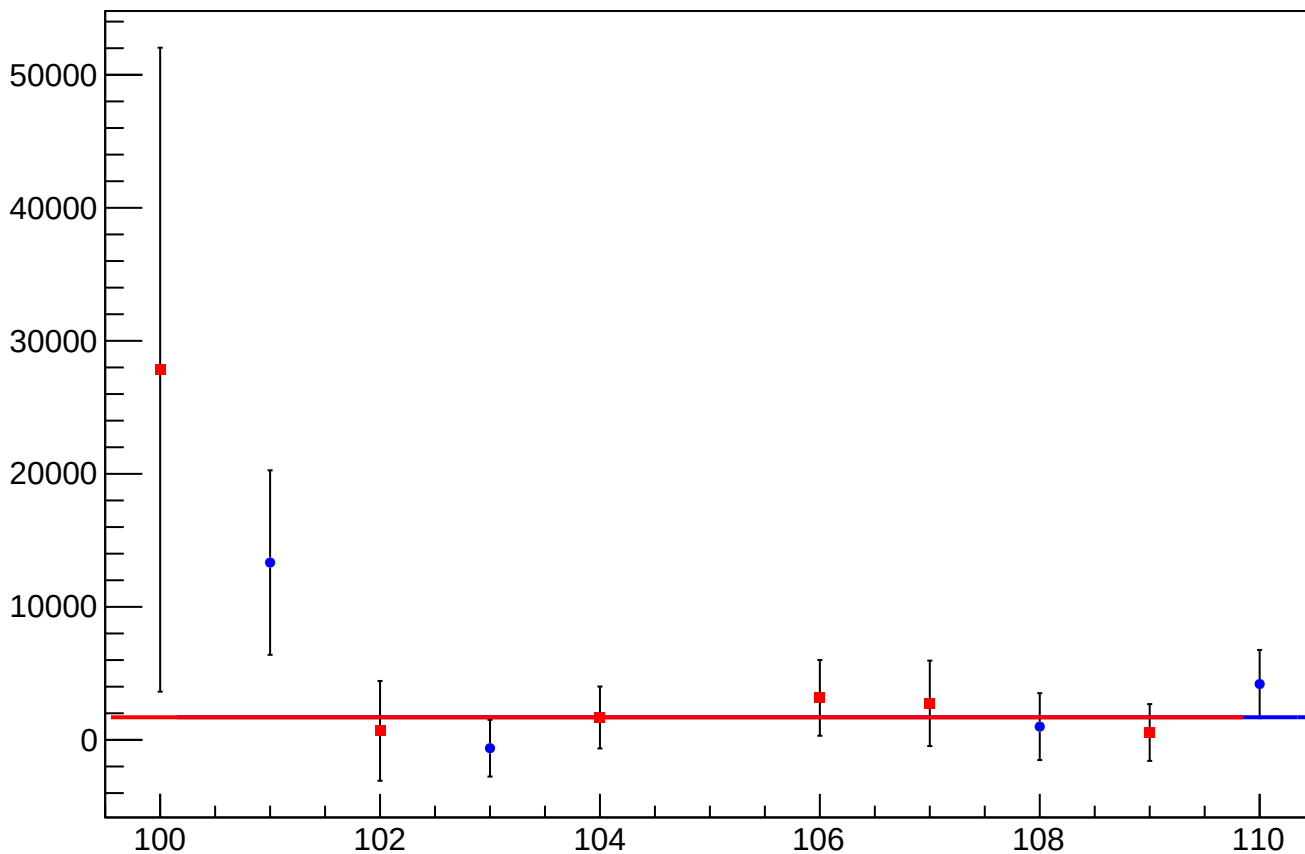
Right: 856.416+/-0.305 χ^2/NDF : 805379.7/9

In: 918.826+/-0.478 χ^2/NDF : 350895.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.416+/-0.305 χ^2/NDF : 805379.7/9

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1701.616+/-1347.574 χ^2 /NDF: 5.0/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1699.123+/-1197.854 χ^2 /NDF: 1.9/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

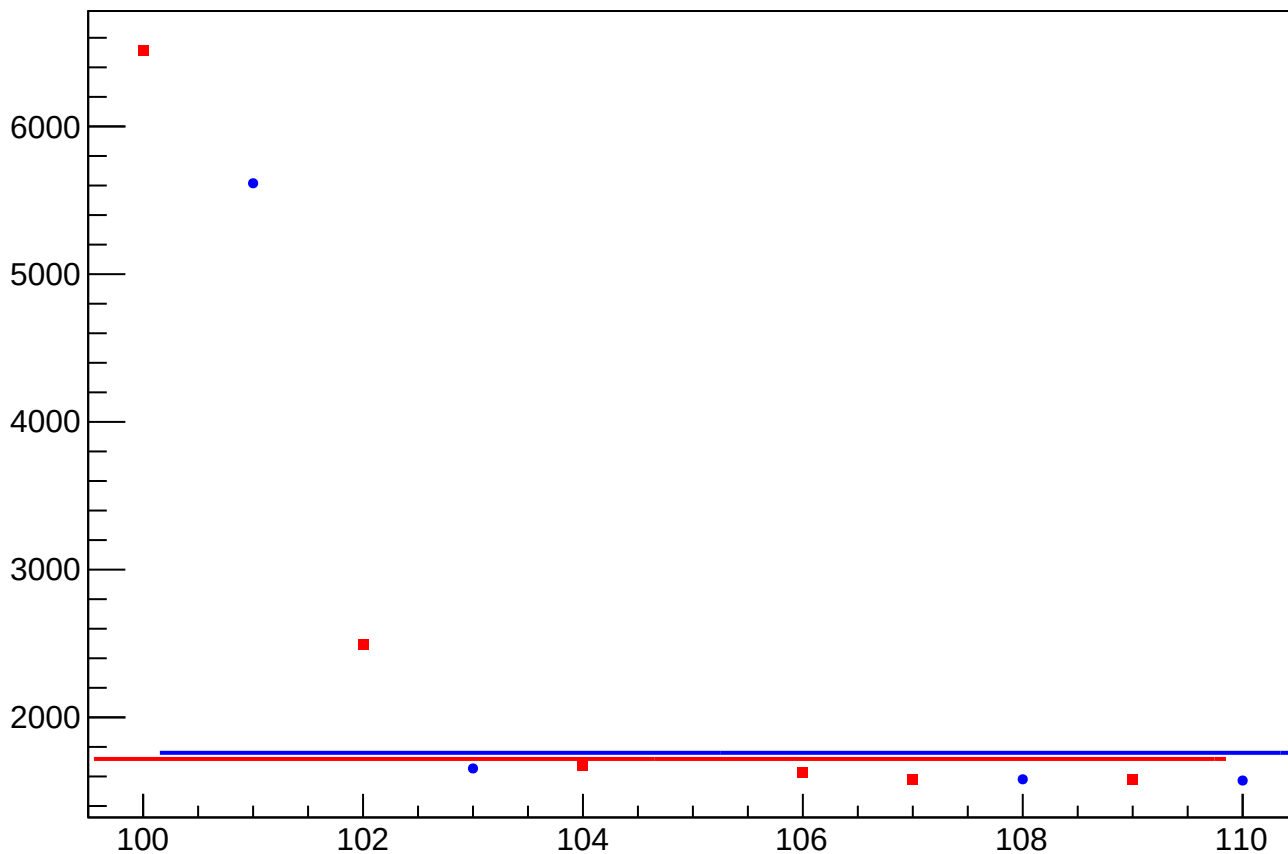
Right: 1700.224+/-895.284 χ^2 /NDF: 6.9/9

In: 1701.616+/-1347.574 χ^2 /NDF:5.0/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1700.224+/-895.284 χ^2 /NDF: 6.9/9

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1760.079+/-0.953 χ^2/NDF : 643885.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1718.636+/-0.847 χ^2/NDF : 179553.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

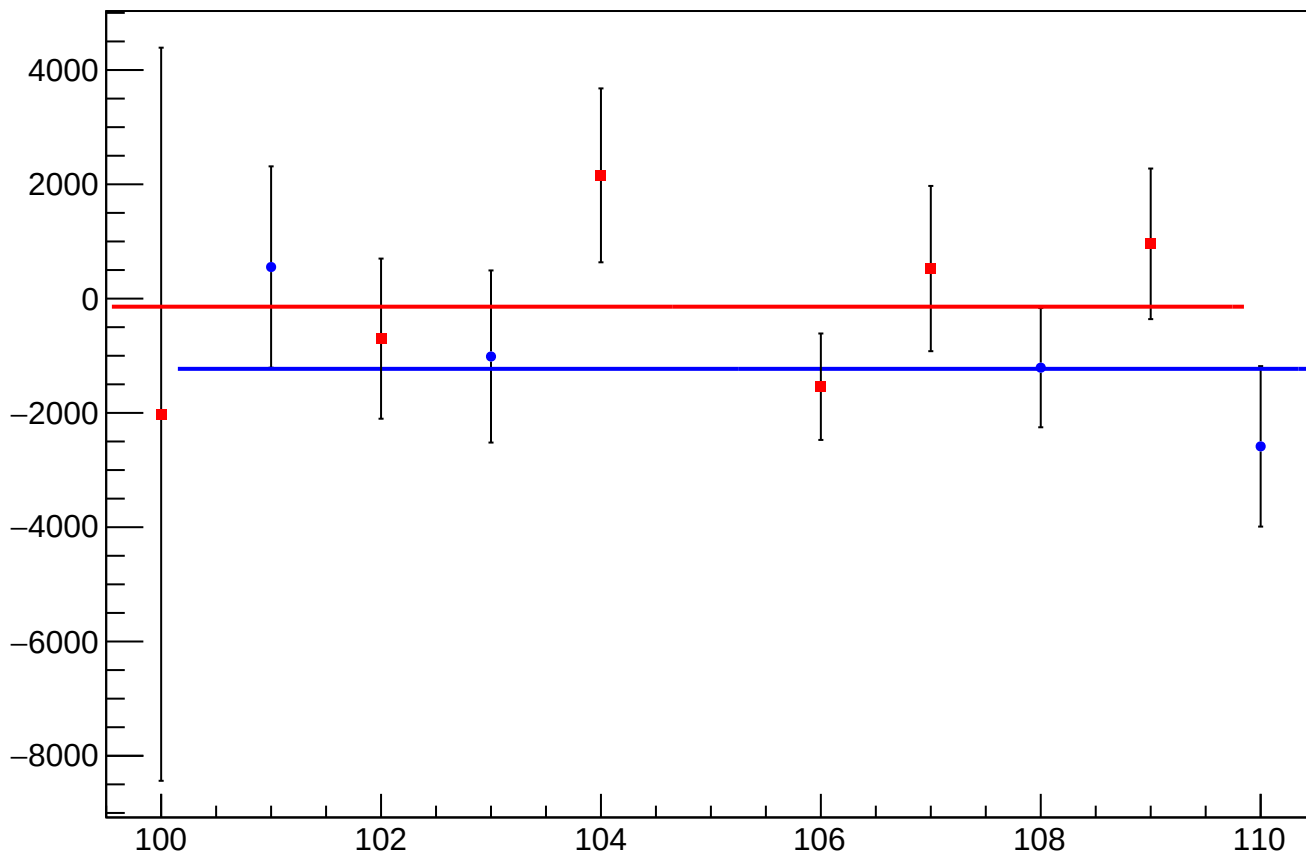
Right: 1736.928+/-0.633 χ^2/NDF : 824495.3/9

In: 1760.079+/-0.953 χ^2/NDF : 643885.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.928+/-0.633 χ^2/NDF : 824495.3/9

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1229.032 $\pm$ 675.800 χ^2 /NDF: 2.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -141.279 $\pm$ 561.371 χ^2 /NDF: 5.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

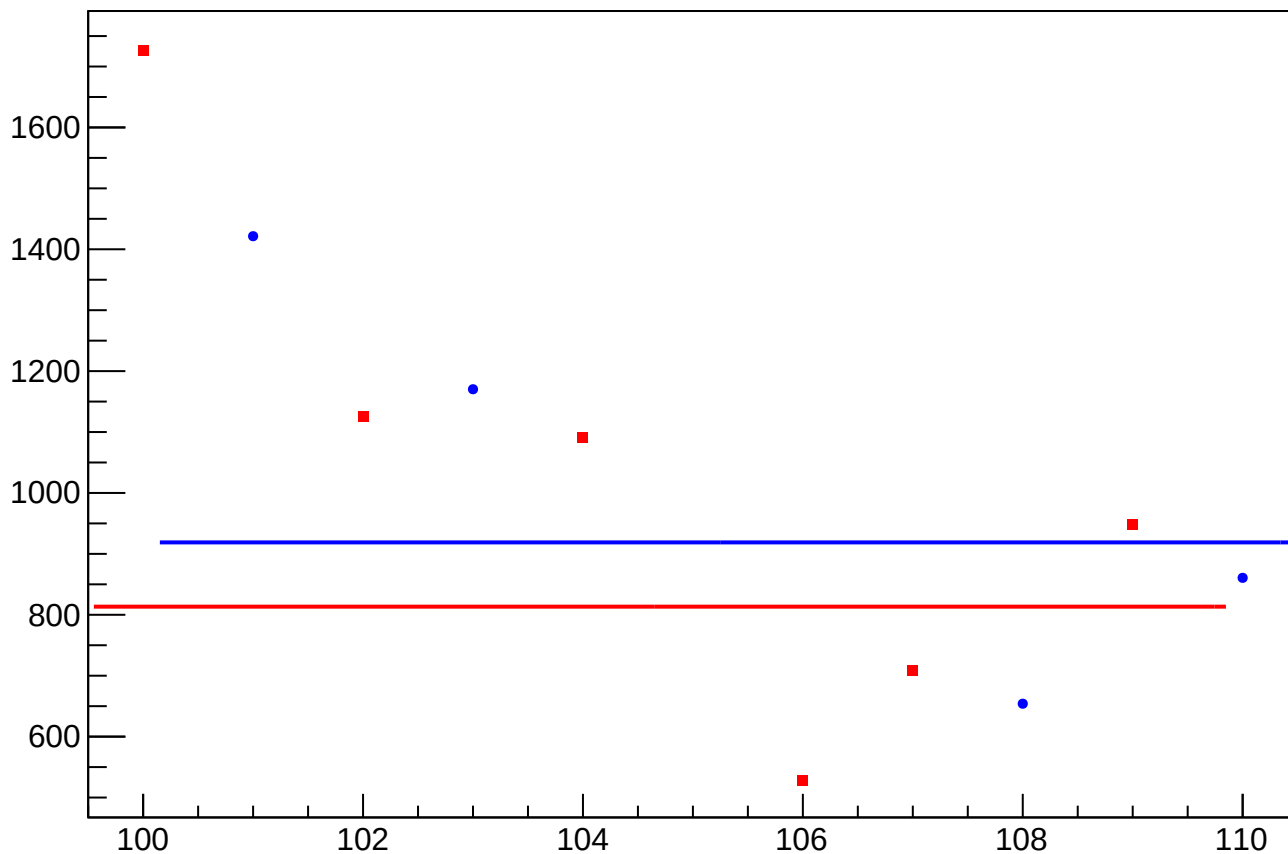
Right: -585.399 $\pm$ 431.821 χ^2 /NDF: 9.2/9

In: -1229.032 $\pm$ 675.800 χ^2 /NDF:2.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -585.399 $\pm$ 431.821 χ^2 /NDF: 9.2/9

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 918.822+/-0.478 χ^2/NDF : 350897.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.352+/-0.397 χ^2/NDF : 425654.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

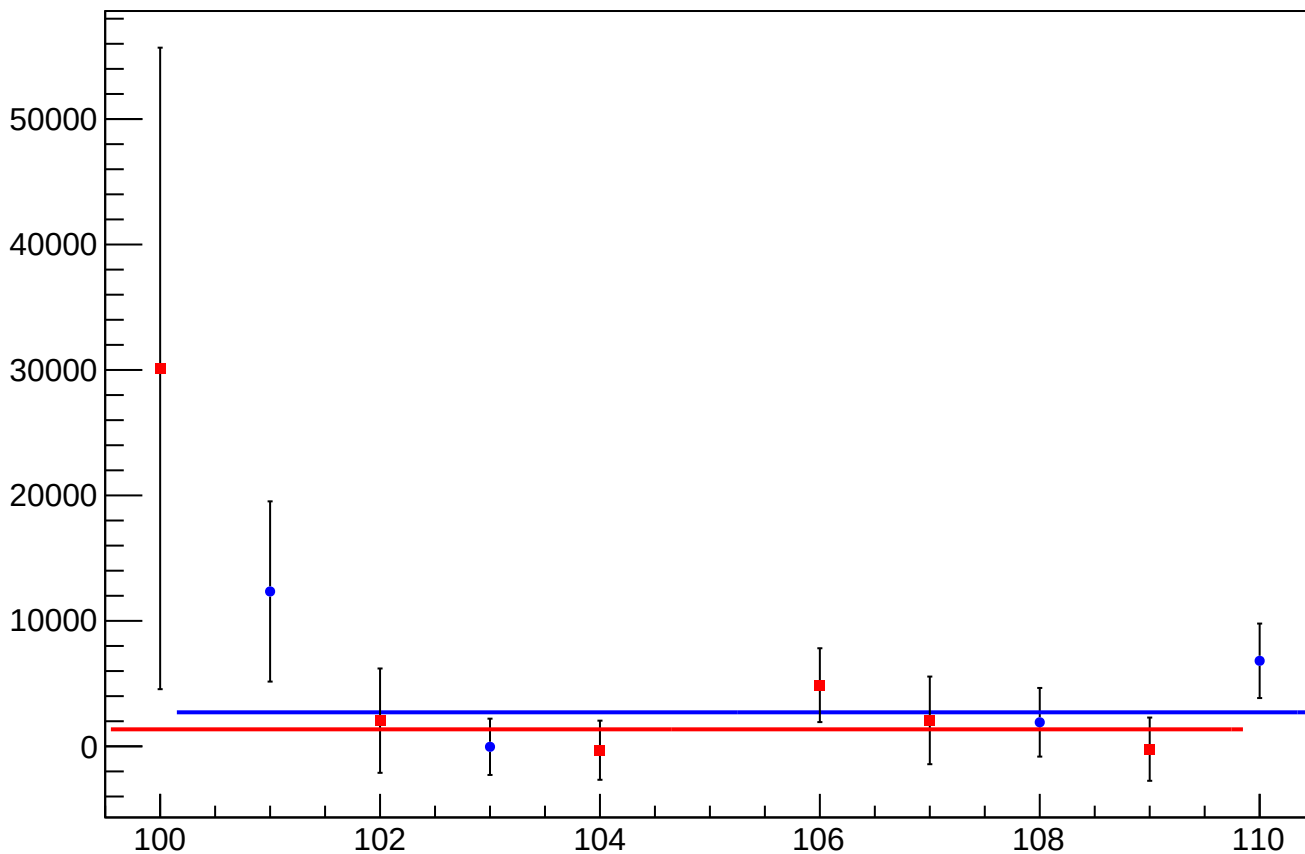
Right: 856.414+/-0.305 χ^2/NDF : 805376.5/9

In: 918.822+/-0.478 χ^2/NDF : 350897.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.414+/-0.305 χ^2/NDF : 805376.5/9

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2710.810+/-1466.292 χ^2/NDF : 5.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1354.392+/-1297.206 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

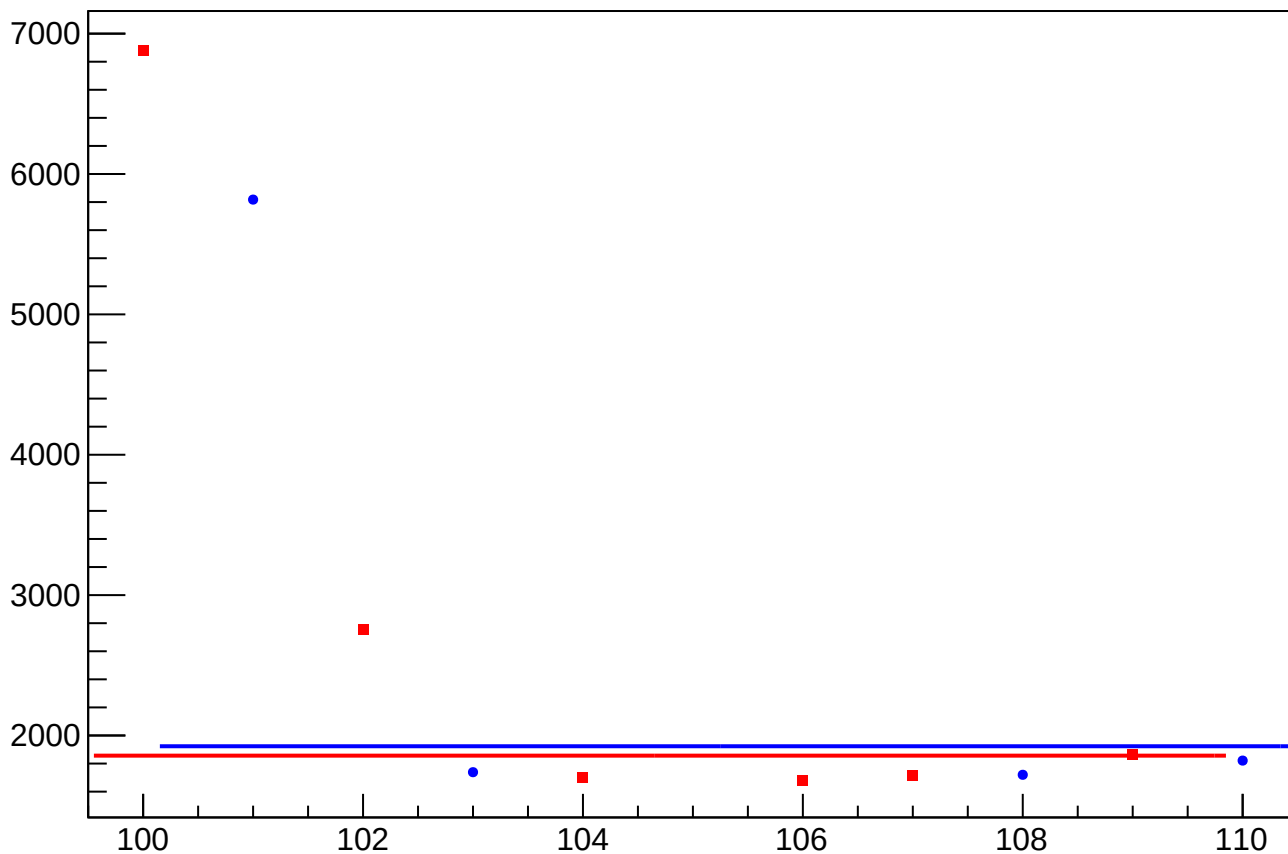
Right: 1949.918+/-971.569 χ^2/NDF : 9.4/9

In: 2710.810+/-1466.292 χ^2/NDF : 5.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1949.918+/-971.569 χ^2/NDF : 9.4/9

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1923.319+/-1.037 χ^2/NDF : 614723.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1856.400+/-0.917 χ^2/NDF : 190495.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

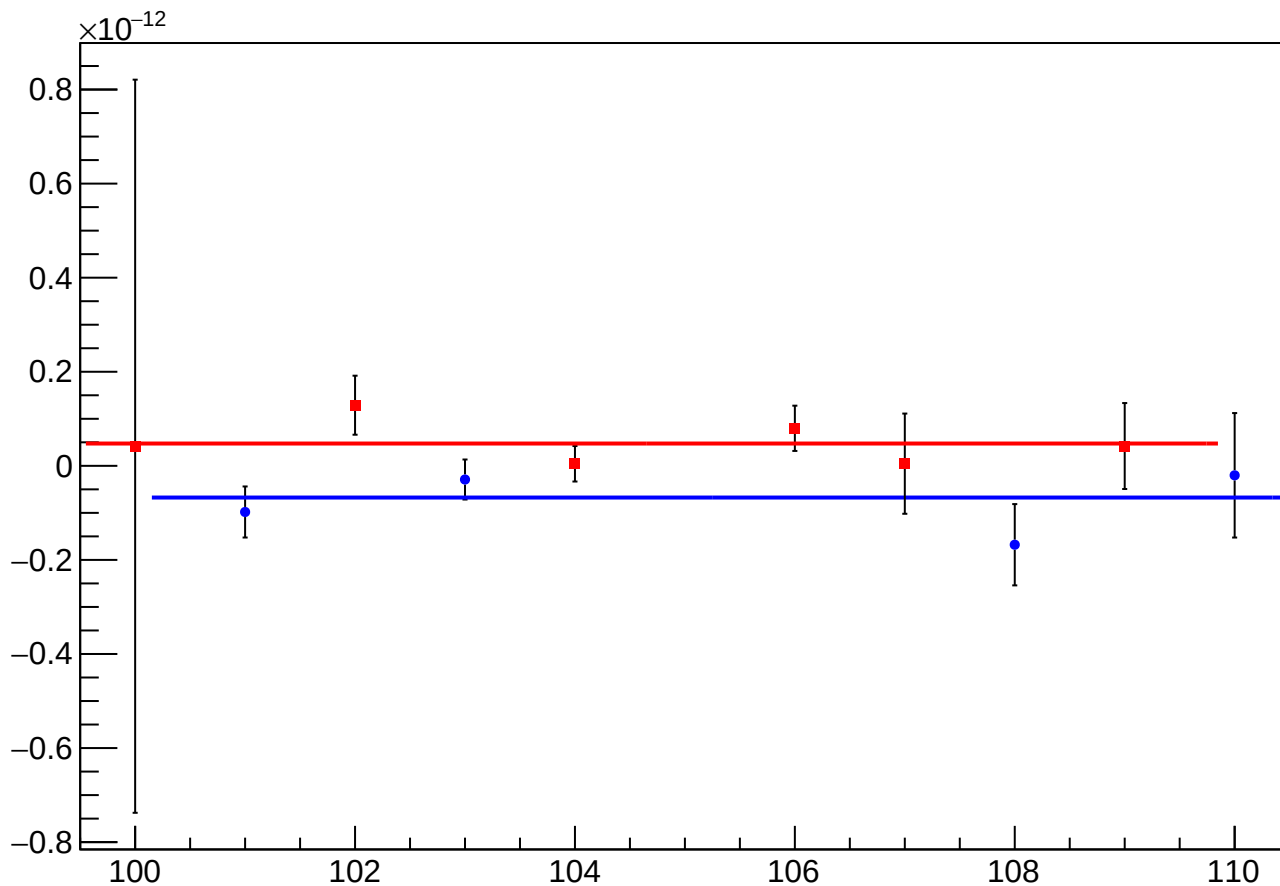
Right: 1885.780+/-0.687 χ^2/NDF : 807555.1/9

In: 1923.319+/-1.037 χ^2/NDF : 614723.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1885.780+/-0.687 χ^2/NDF : 807555.1/9

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

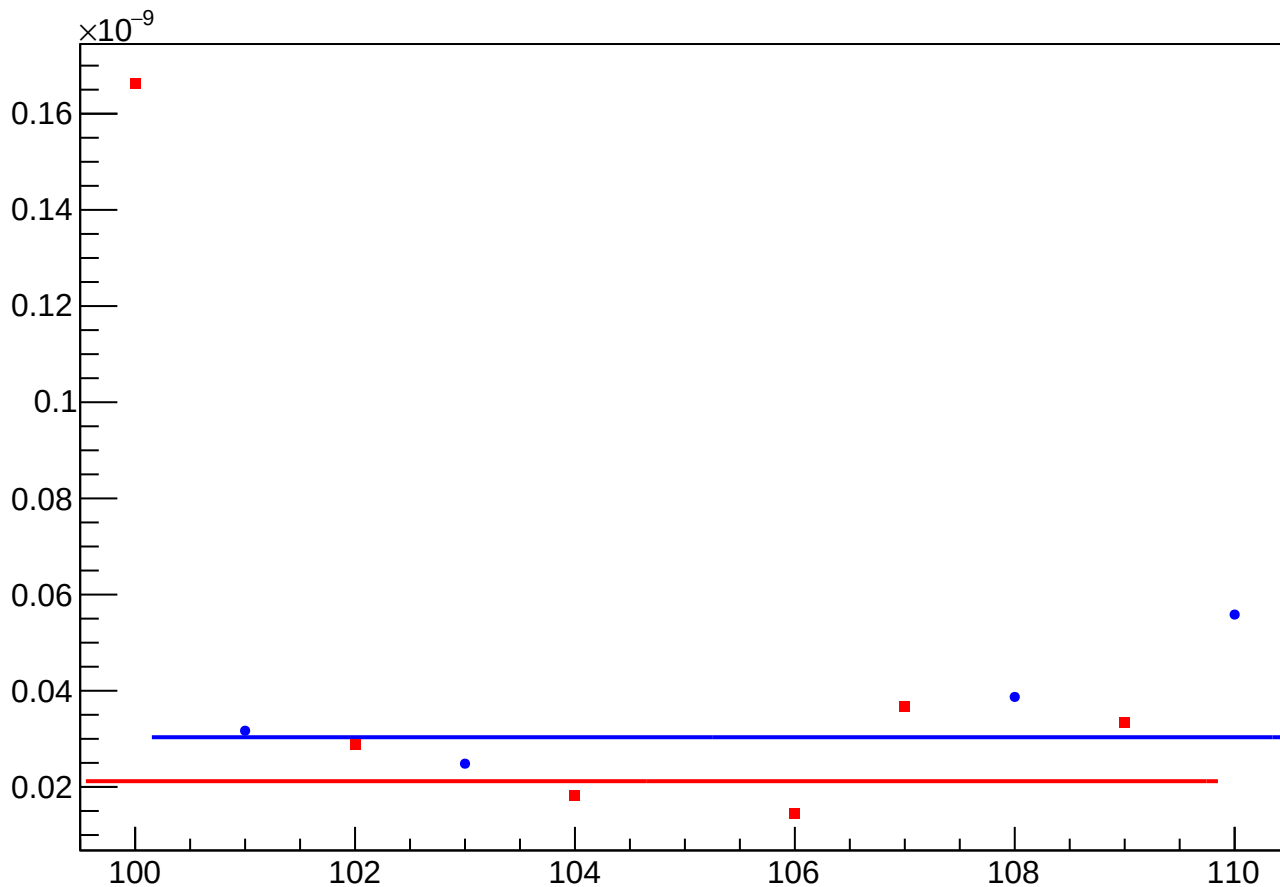
Right: 0.000+/-0.000 χ^2/NDF : 14.7/9

In: -0.000+/-0.000 χ^2/NDF : 2.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.7/9

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 127876.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 229764.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

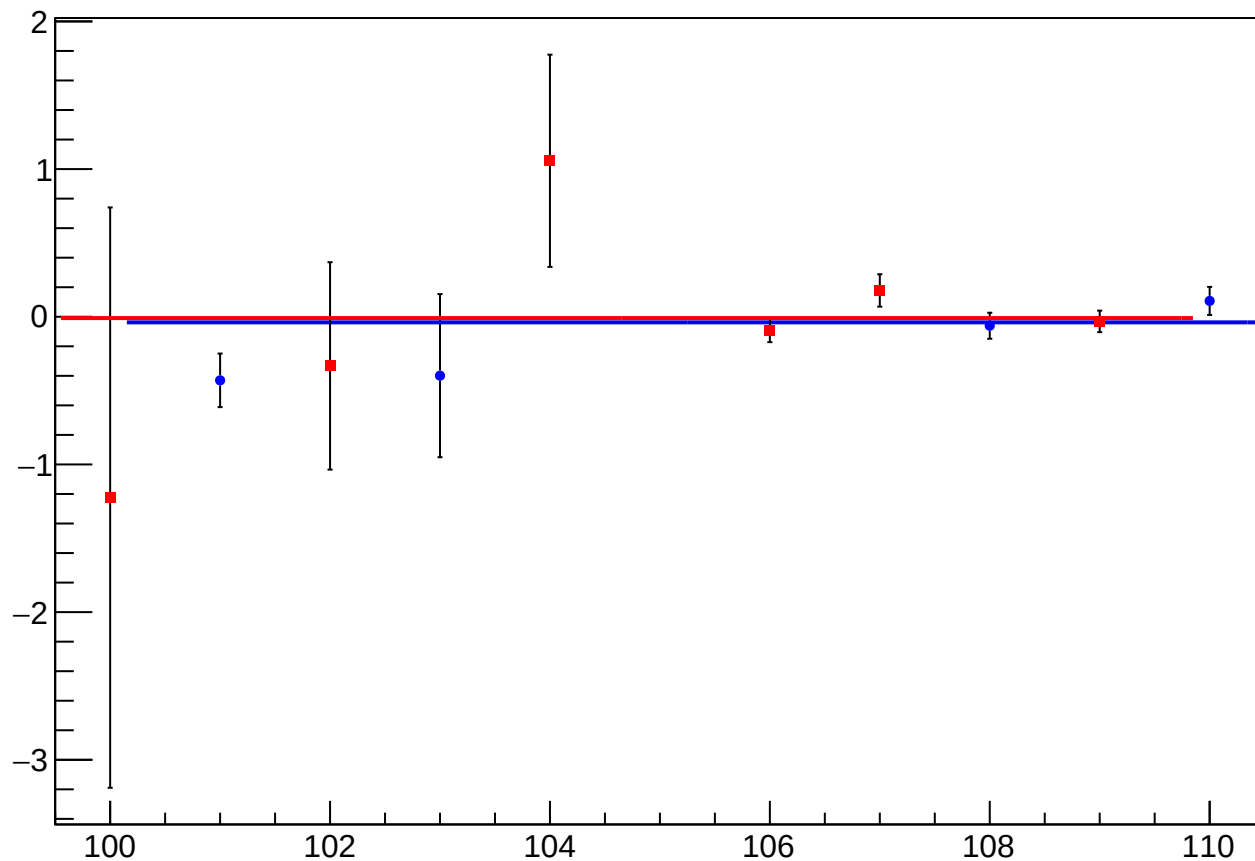
Right: 0.000+/-0.000 χ^2/NDF : 465538.1/9

In: 0.000+/-0.000 χ^2/NDF : 127876.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 465538.1/9

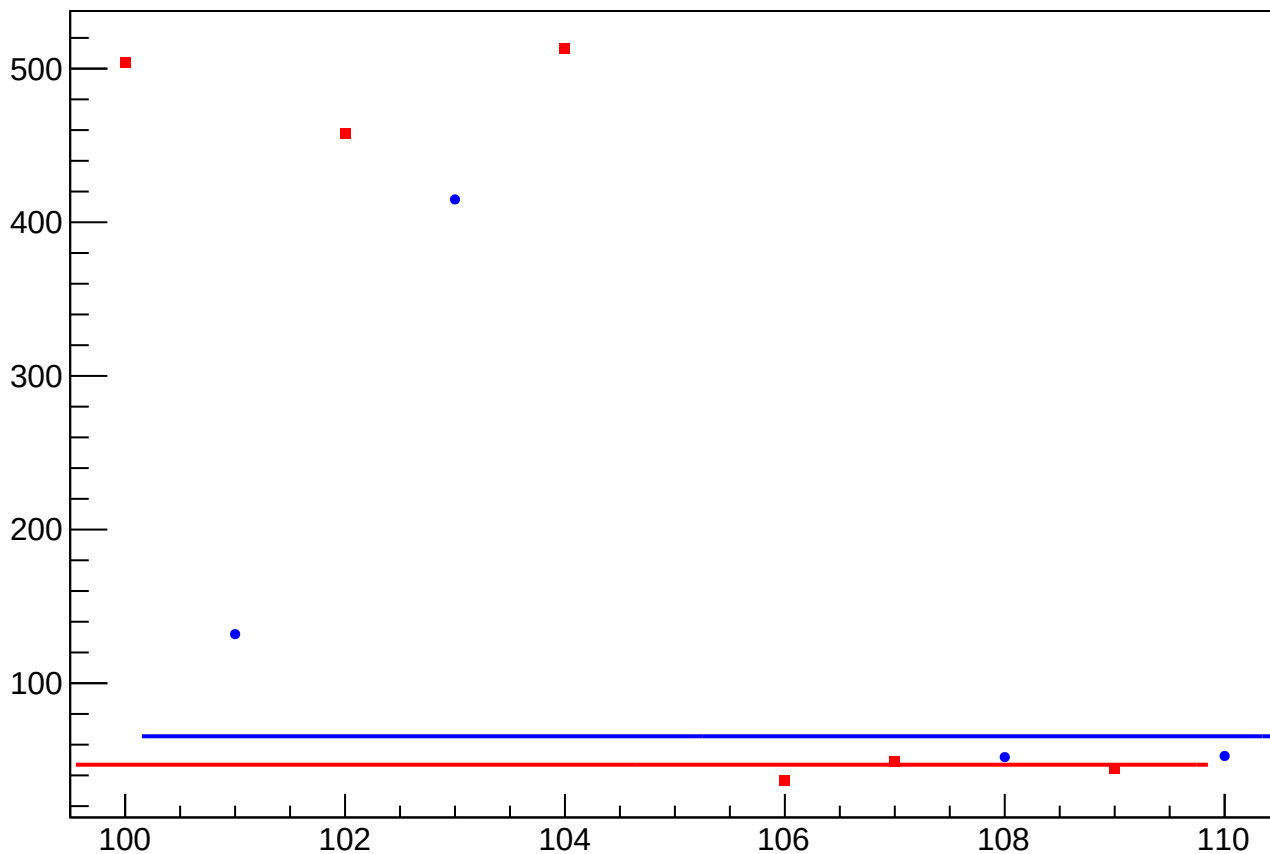
asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.038 $\pm$ 0.061 χ^2 /NDF: 7.5/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.009 $\pm$ 0.048 χ^2 /NDF: 6.8/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.020 $\pm$ 0.038 χ^2 /NDF: 14.5/9
 In: -0.038 $\pm$ 0.061 χ^2 /NDF:7.5/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.020 $\pm$ 0.038 χ^2 /NDF: 14.5/9

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.462+/-0.043 χ^2/NDF : 1152335.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.948+/-0.034 χ^2/NDF : 1671149.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

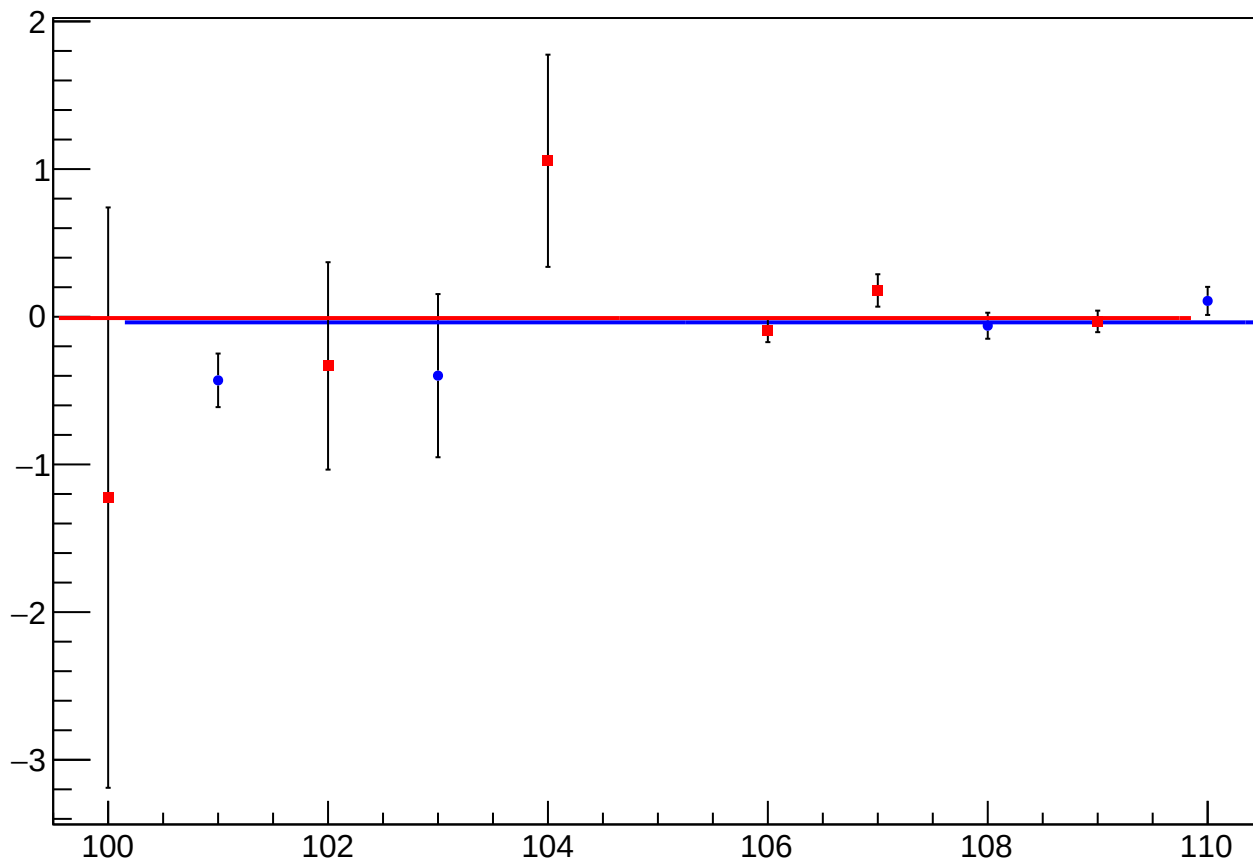
Right: 54.174+/-0.027 χ^2/NDF : 2937663.9/9

In: 65.462+/-0.043 χ^2/NDF : 1152335.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.174+/-0.027 χ^2/NDF : 2937663.9/9

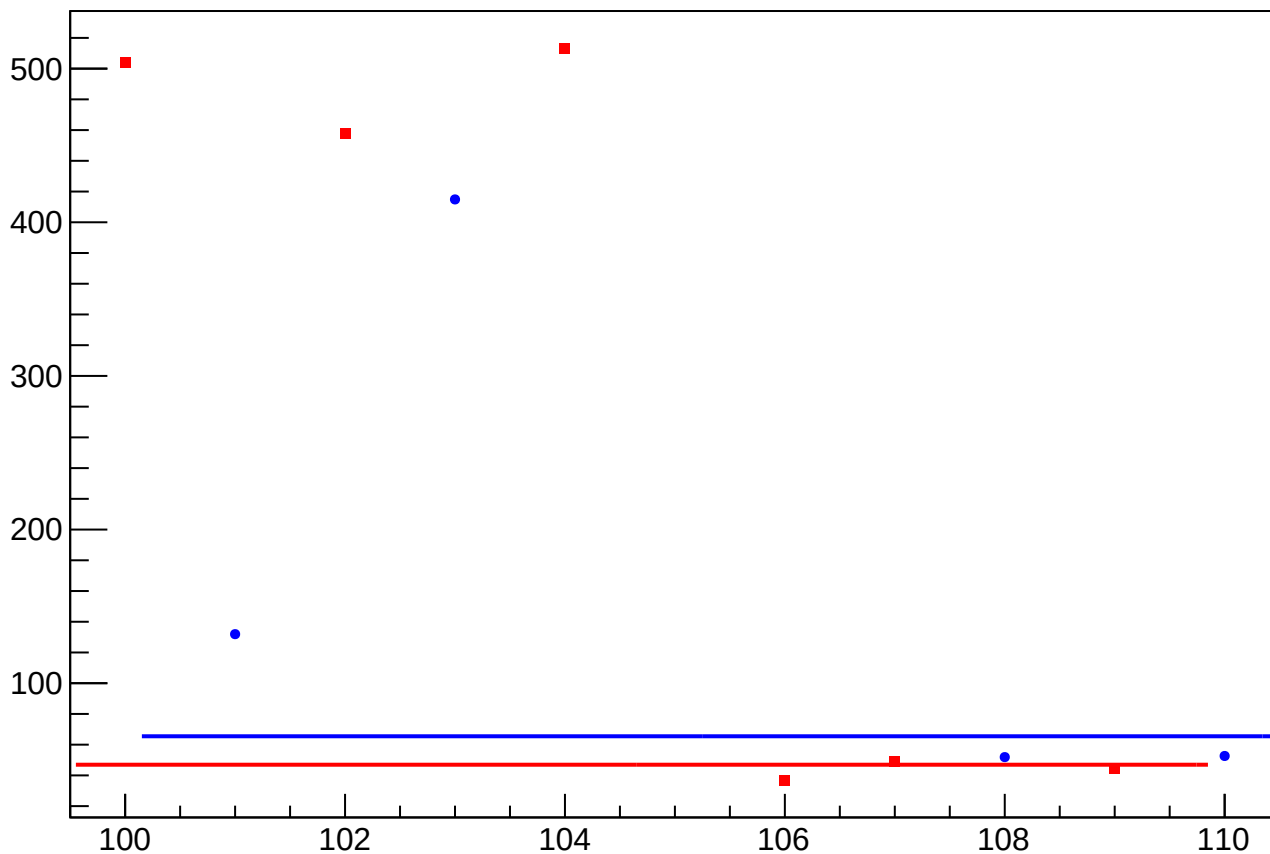
asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038+/-0.061 χ^2/NDF : 7.5/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.009+/-0.048 χ^2/NDF : 6.8/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.020+/-0.038 χ^2/NDF : 14.5/9
 In: -0.038+/-0.061 χ^2/NDF : 7.5/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.020+/-0.038 χ^2/NDF : 14.5/9

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.462+/-0.043 χ^2/NDF : 1152335.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.948+/-0.034 χ^2/NDF : 1671149.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

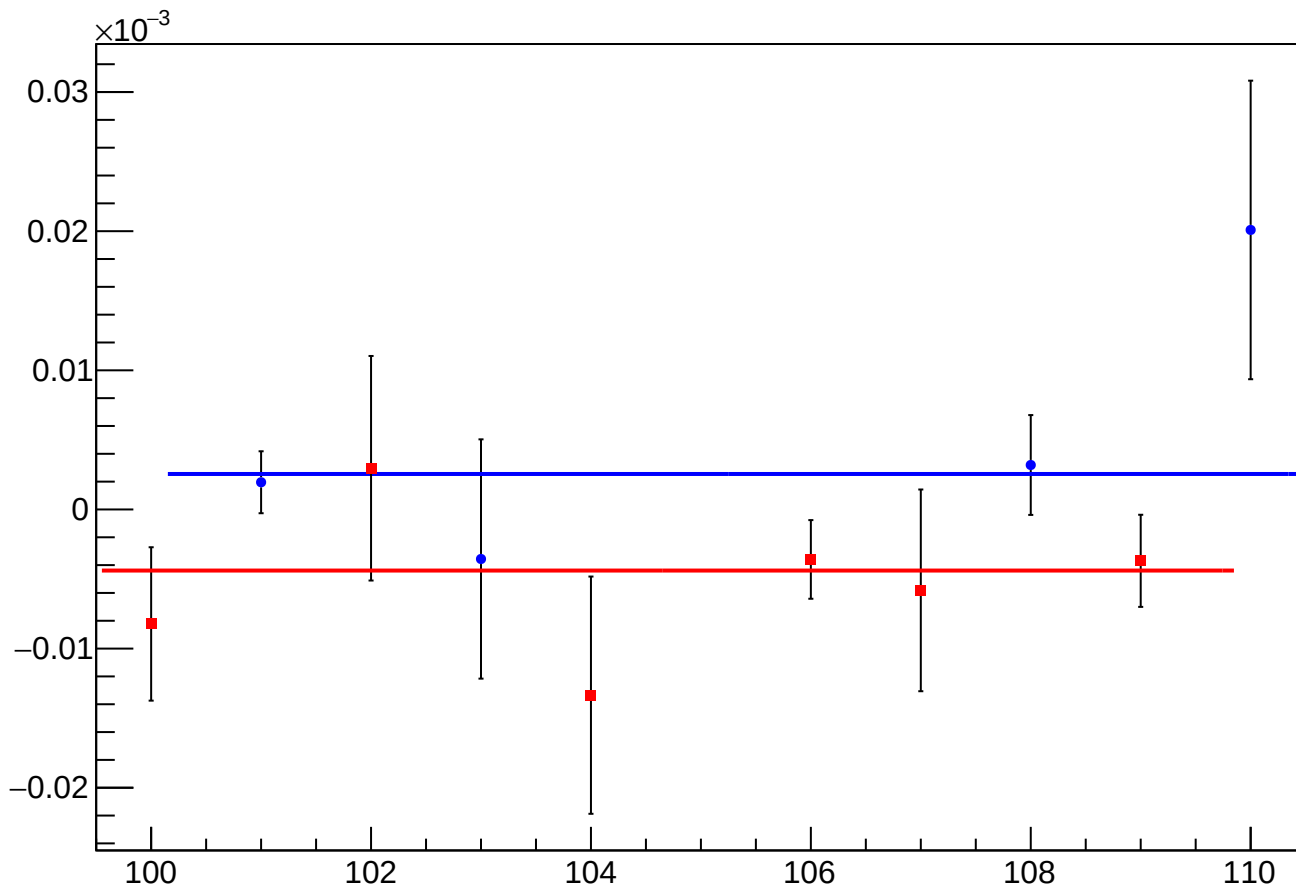
Right: 54.174+/-0.027 χ^2/NDF : 2937663.9/9

In: 65.462+/-0.043 χ^2/NDF : 1152335.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.174+/-0.027 χ^2/NDF : 2937663.9/9

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

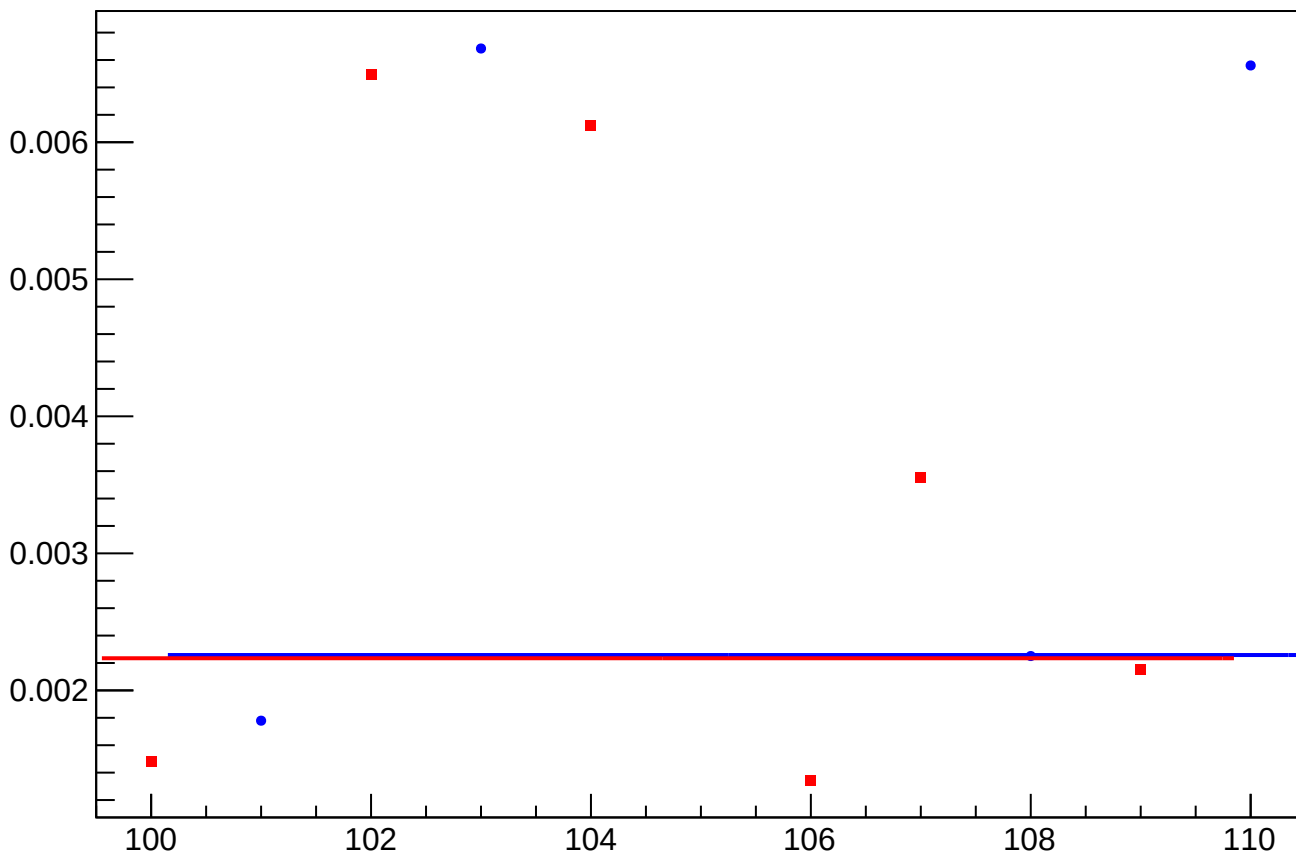
Right: -0.000+/-0.000 χ^2/NDF : 13.1/9

In: 0.000+/-0.000 χ^2/NDF : 3.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.1/9

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 944012.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 1278178.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

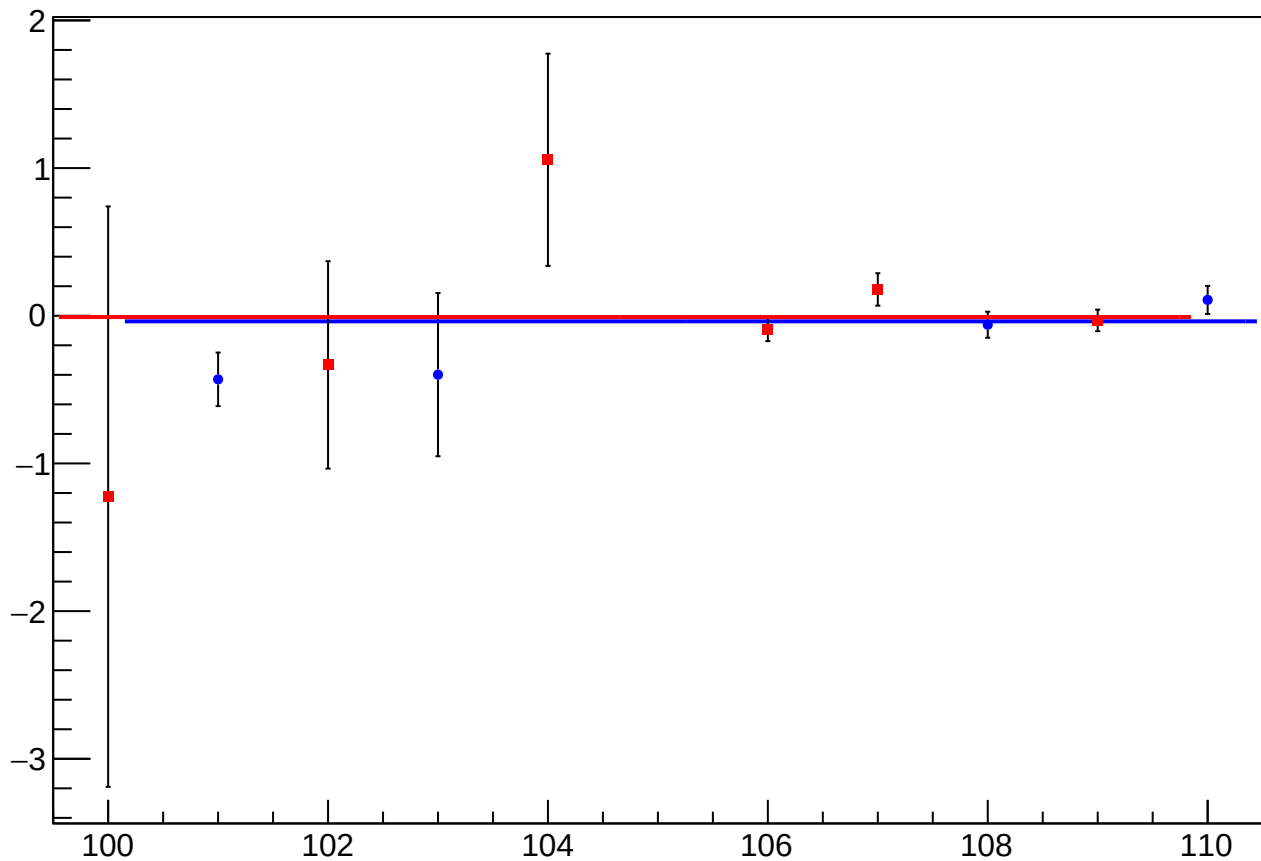
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 2222356.3/9

In: 0.002 $\pm$ 0.000 χ^2 /NDF:944012.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 2222356.3/9

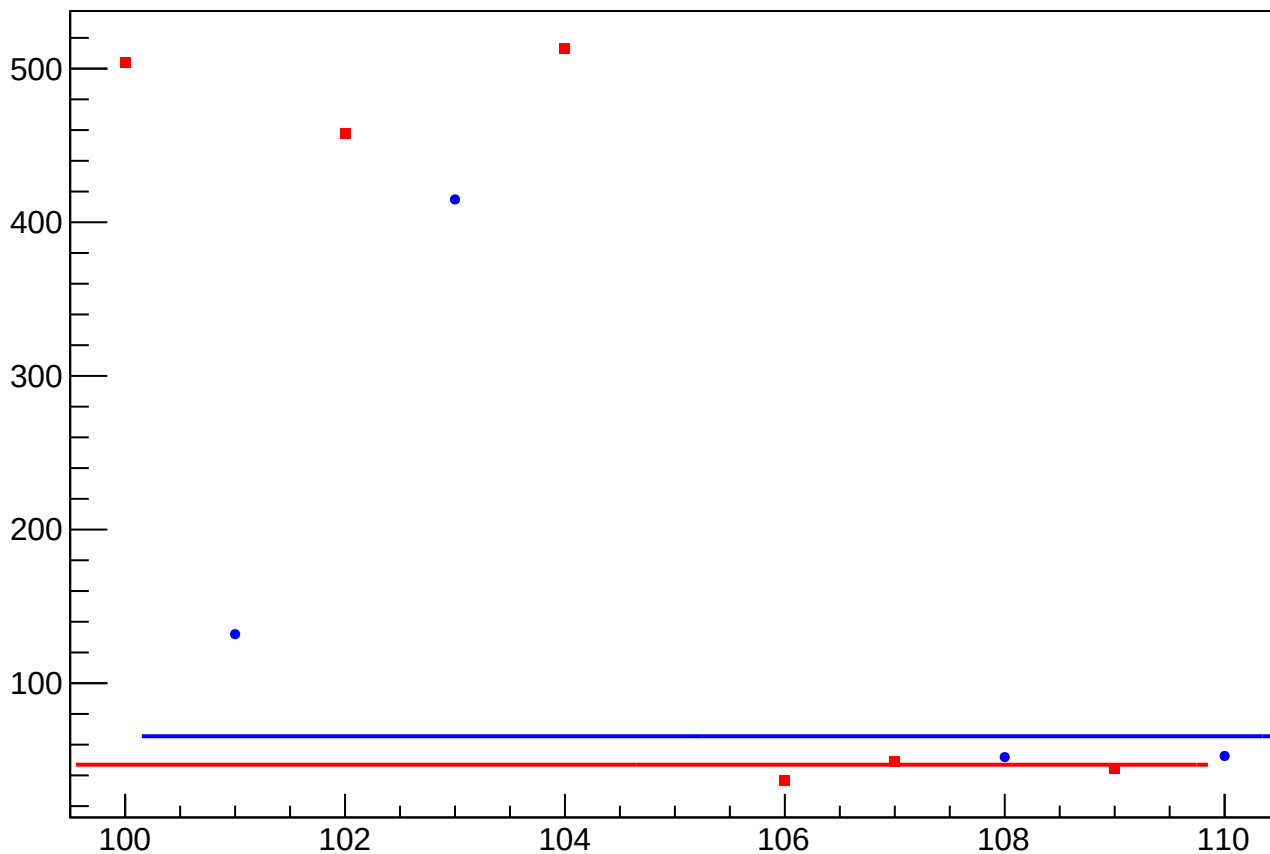
asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 $\pm$ 0.061 χ^2 /NDF: 7.5/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.009 $\pm$ 0.048 χ^2 /NDF: 6.8/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.020 $\pm$ 0.038 χ^2 /NDF: 14.5/9
 In: -0.038 $\pm$ 0.061 χ^2 /NDF:7.5/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.020 $\pm$ 0.038 χ^2 /NDF: 14.5/9

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.466+/-0.043 χ^2/NDF : 1152294.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.948+/-0.034 χ^2/NDF : 1671146.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

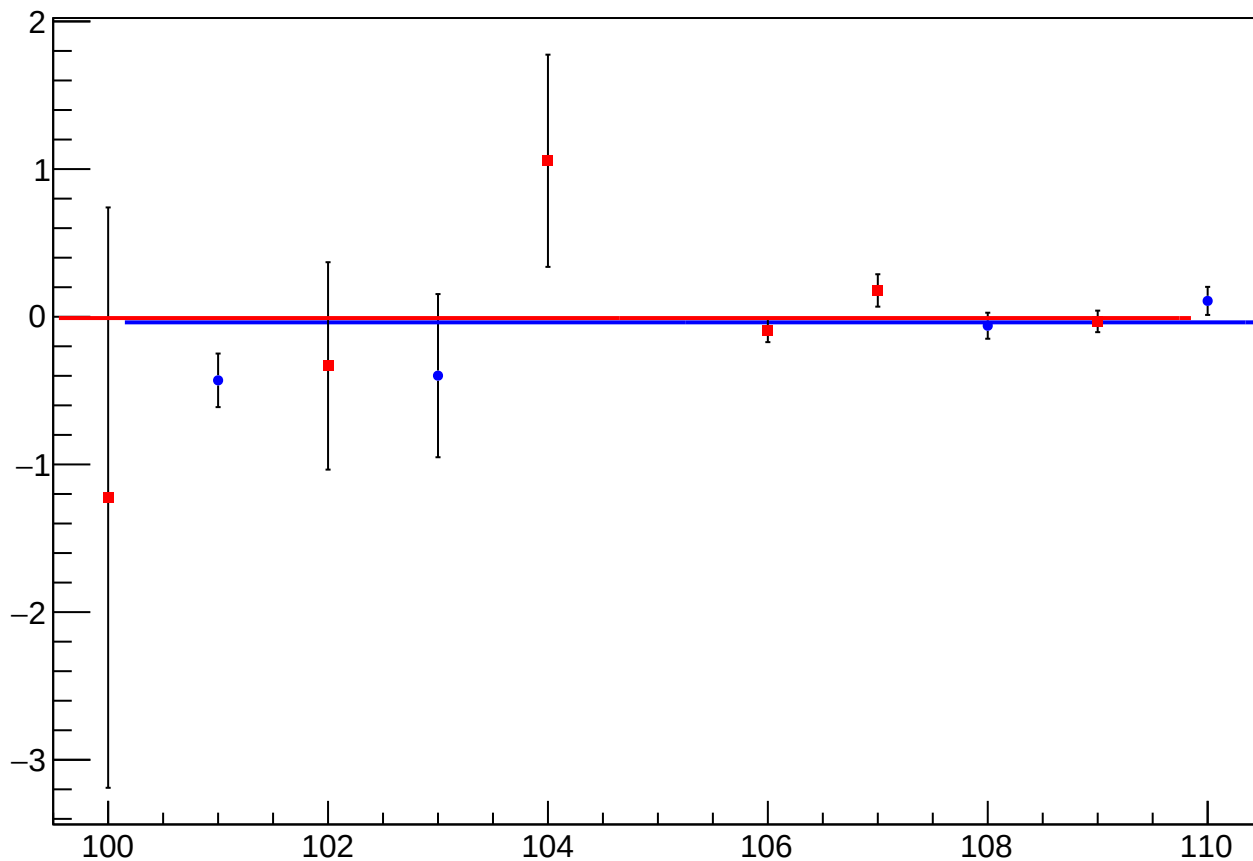
Right: 54.174+/-0.027 χ^2/NDF : 2937663.7/9

In: 65.466+/-0.043 χ^2/NDF : 1152294.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.174+/-0.027 χ^2/NDF : 2937663.7/9

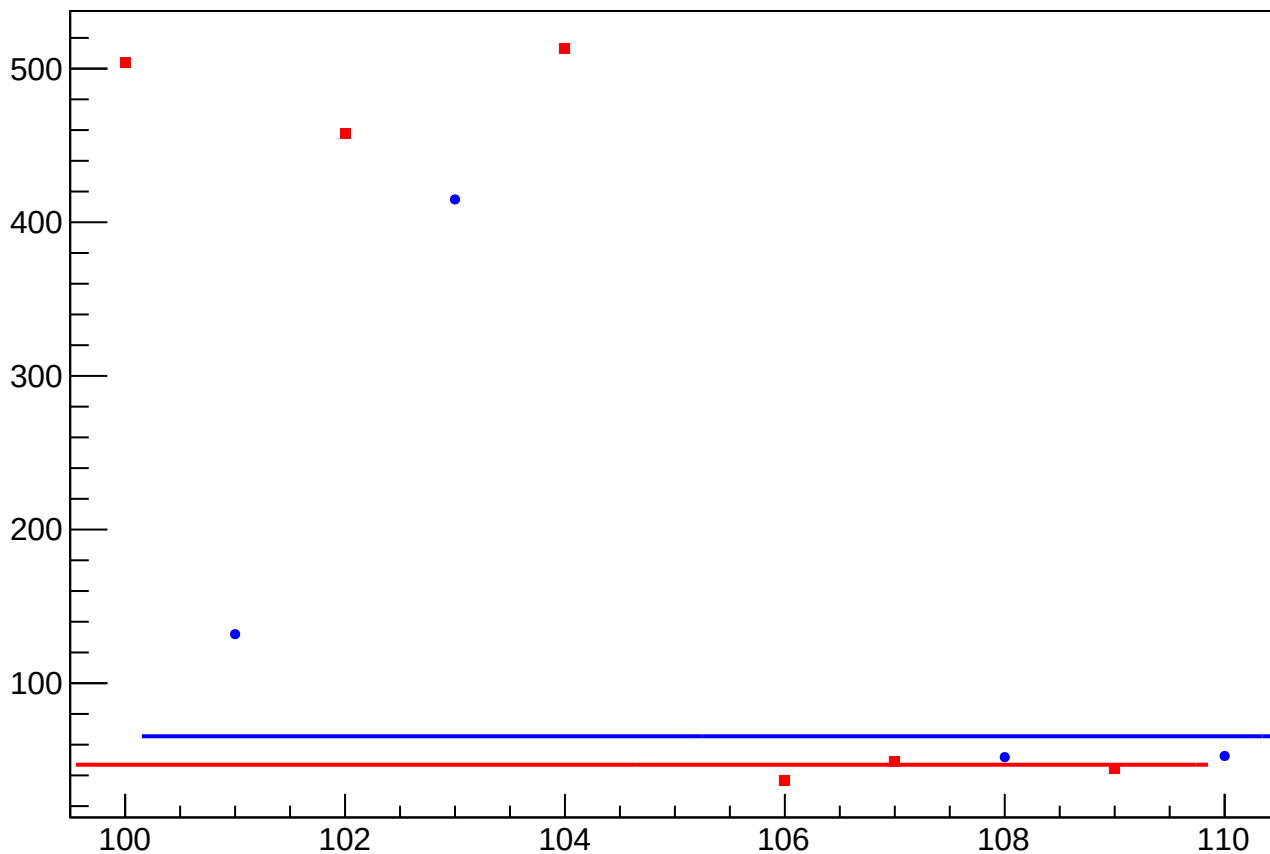
asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 $\pm$ 0.061 χ^2 /NDF: 7.5/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.009 $\pm$ 0.048 χ^2 /NDF: 6.8/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.020 $\pm$ 0.038 χ^2 /NDF: 14.5/9
 In: -0.038 $\pm$ 0.061 χ^2 /NDF:7.5/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.020 $\pm$ 0.038 χ^2 /NDF: 14.5/9

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.466+/-0.043 χ^2/NDF : 1152294.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.948+/-0.034 χ^2/NDF : 1671146.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

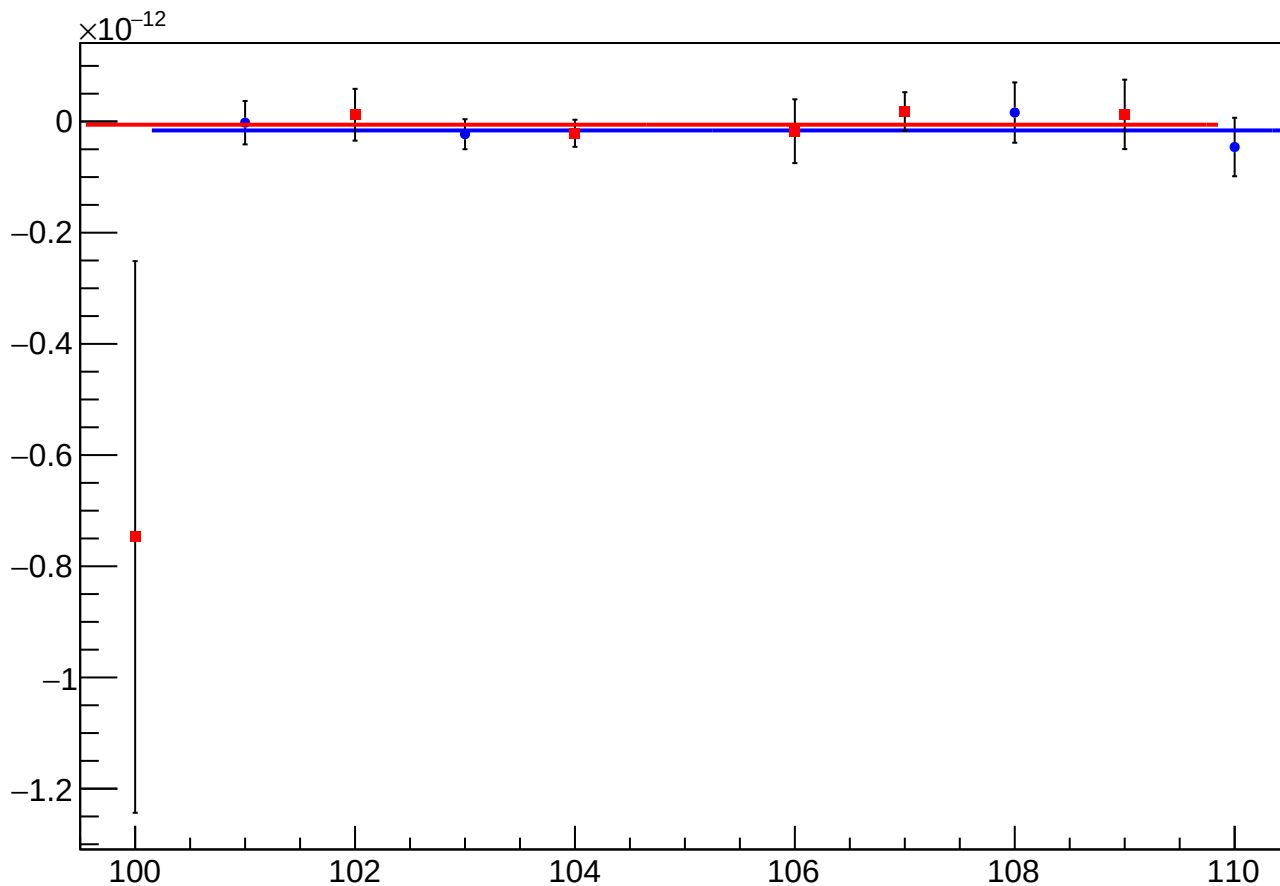
Right: 54.174+/-0.027 χ^2/NDF : 2937663.7/9

In: 65.466+/-0.043 χ^2/NDF : 1152294.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.174+/-0.027 χ^2/NDF : 2937663.7/9

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

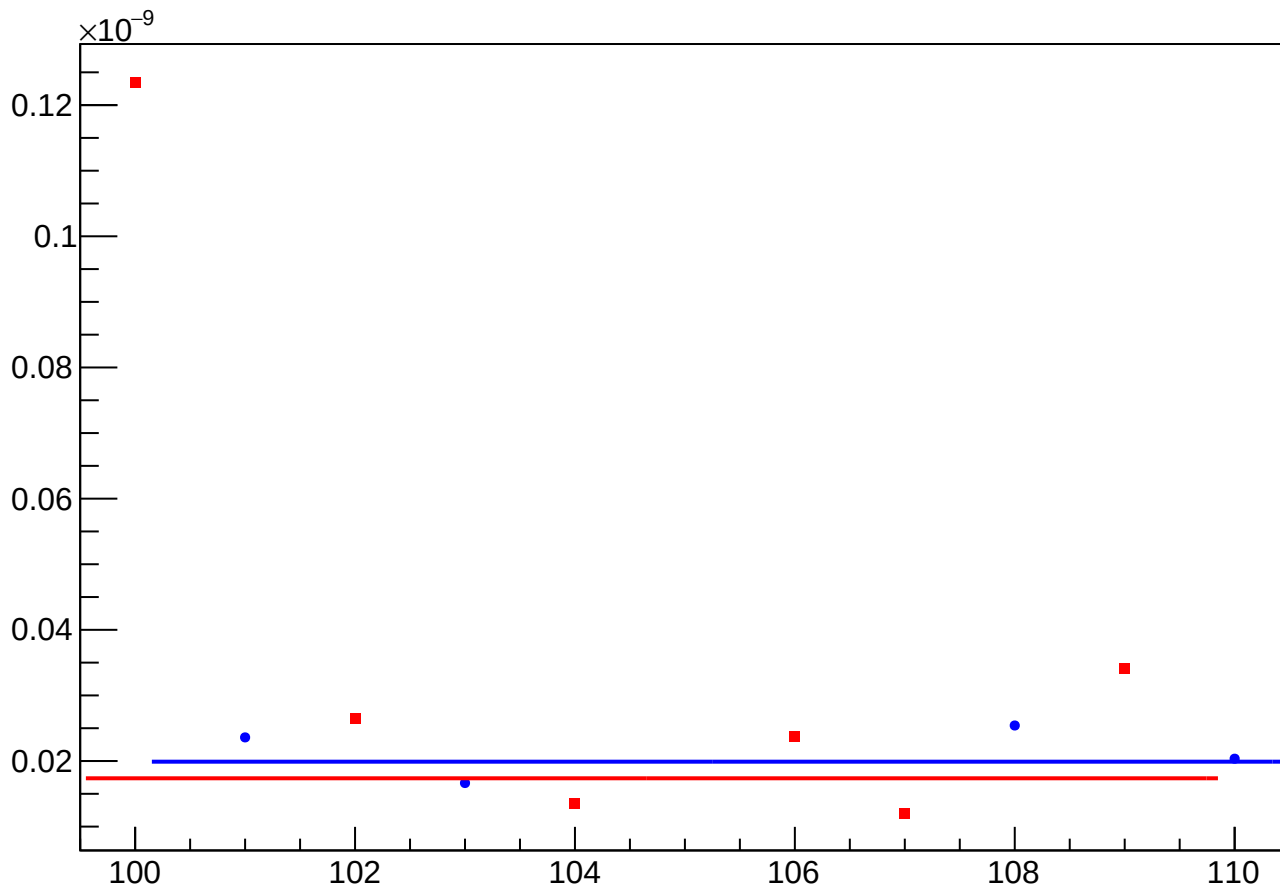
Right: -0.000+/-0.000 χ^2/NDF : 4.4/9

In: -0.000+/-0.000 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.4/9

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 67887.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 432684.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

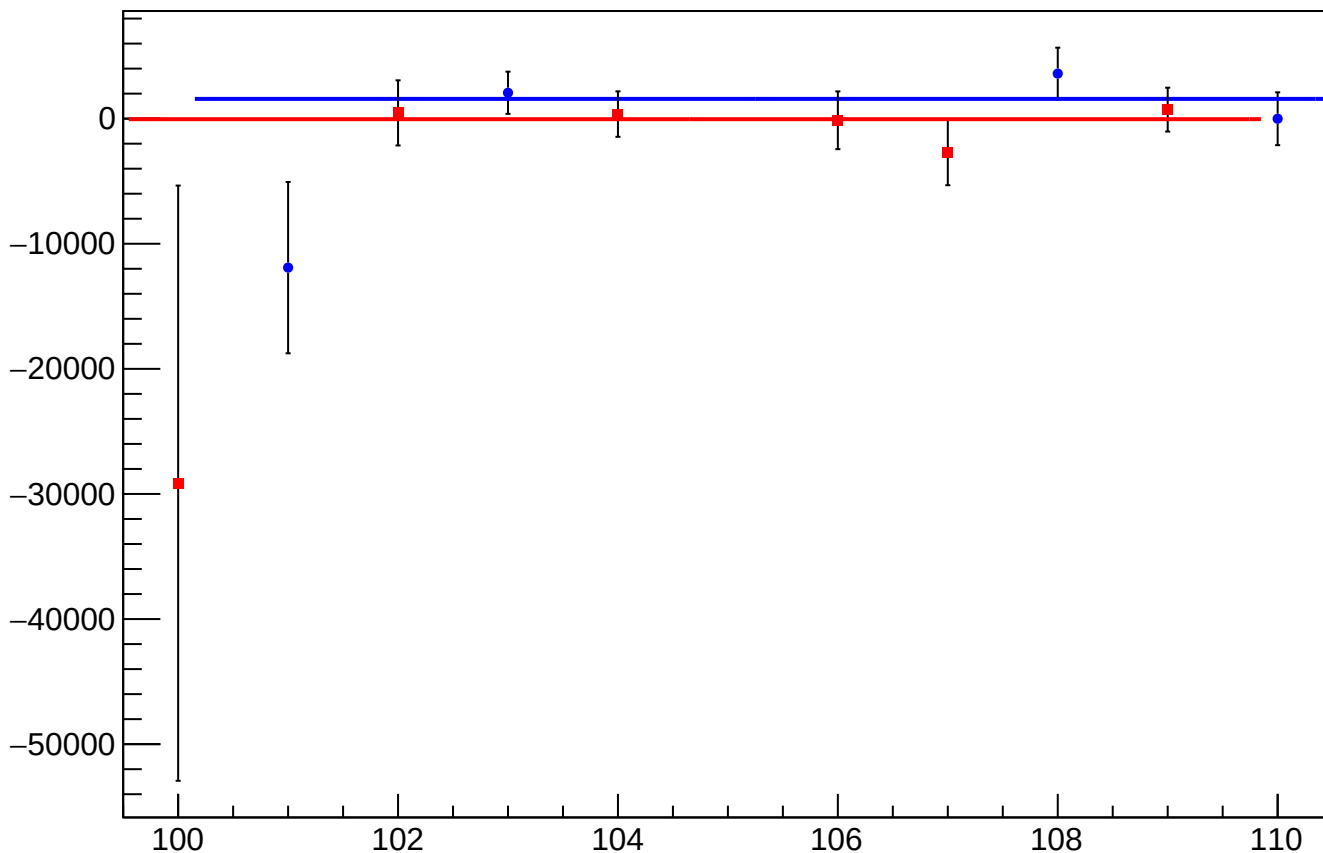
Right: 0.000+/-0.000 χ^2/NDF : 520328.2/9

In: 0.000+/-0.000 χ^2/NDF : 67887.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 520328.2/9

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1579.770+/-1097.399 χ^2/NDF : 5.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.715+/-950.152 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

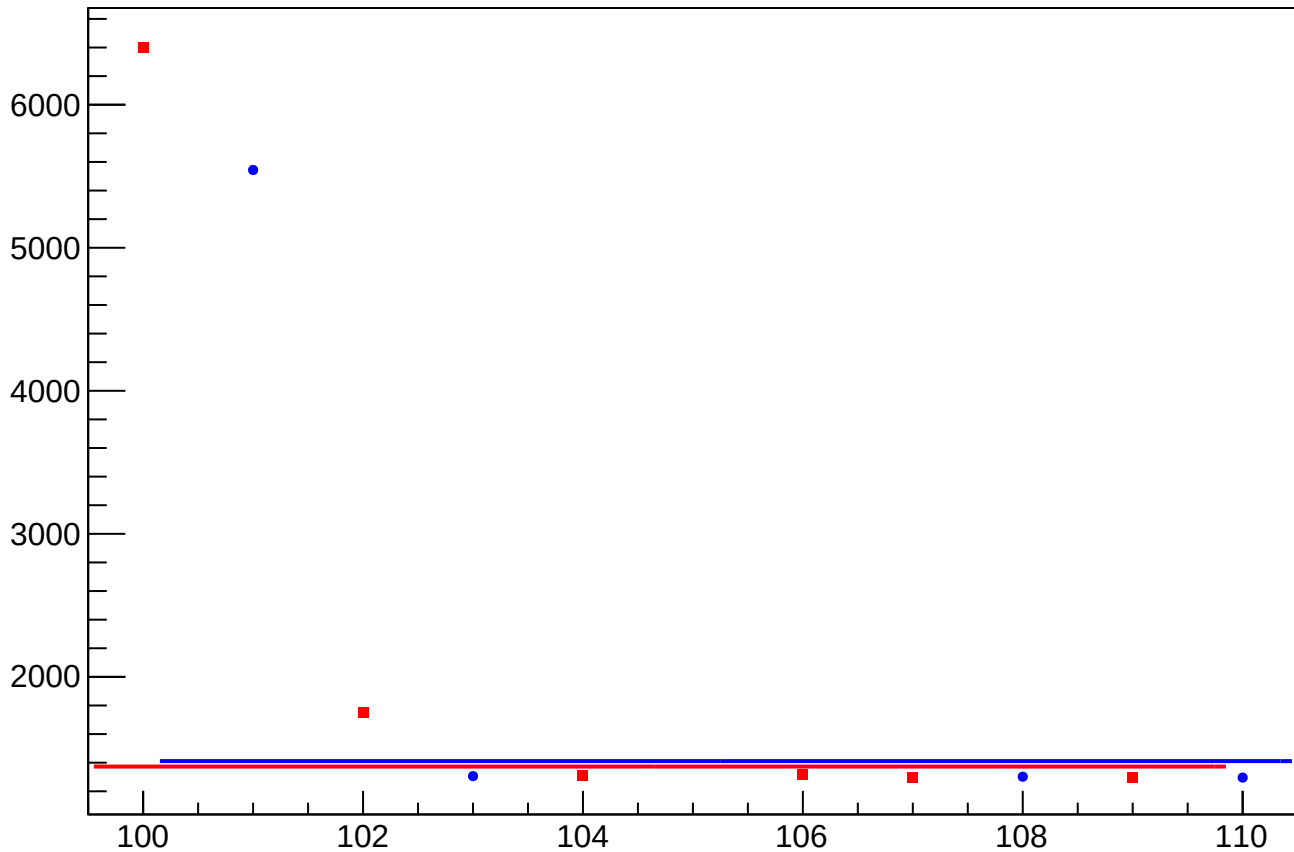
Right: 653.592+/-718.320 χ^2/NDF : 9.5/9

In: 1579.770+/-1097.399 χ^2/NDF : 5.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.592+/-718.320 χ^2/NDF : 9.5/9

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1411.085+/-0.776 χ^2/NDF : 747855.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1373.007+/-0.672 χ^2/NDF : 140085.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

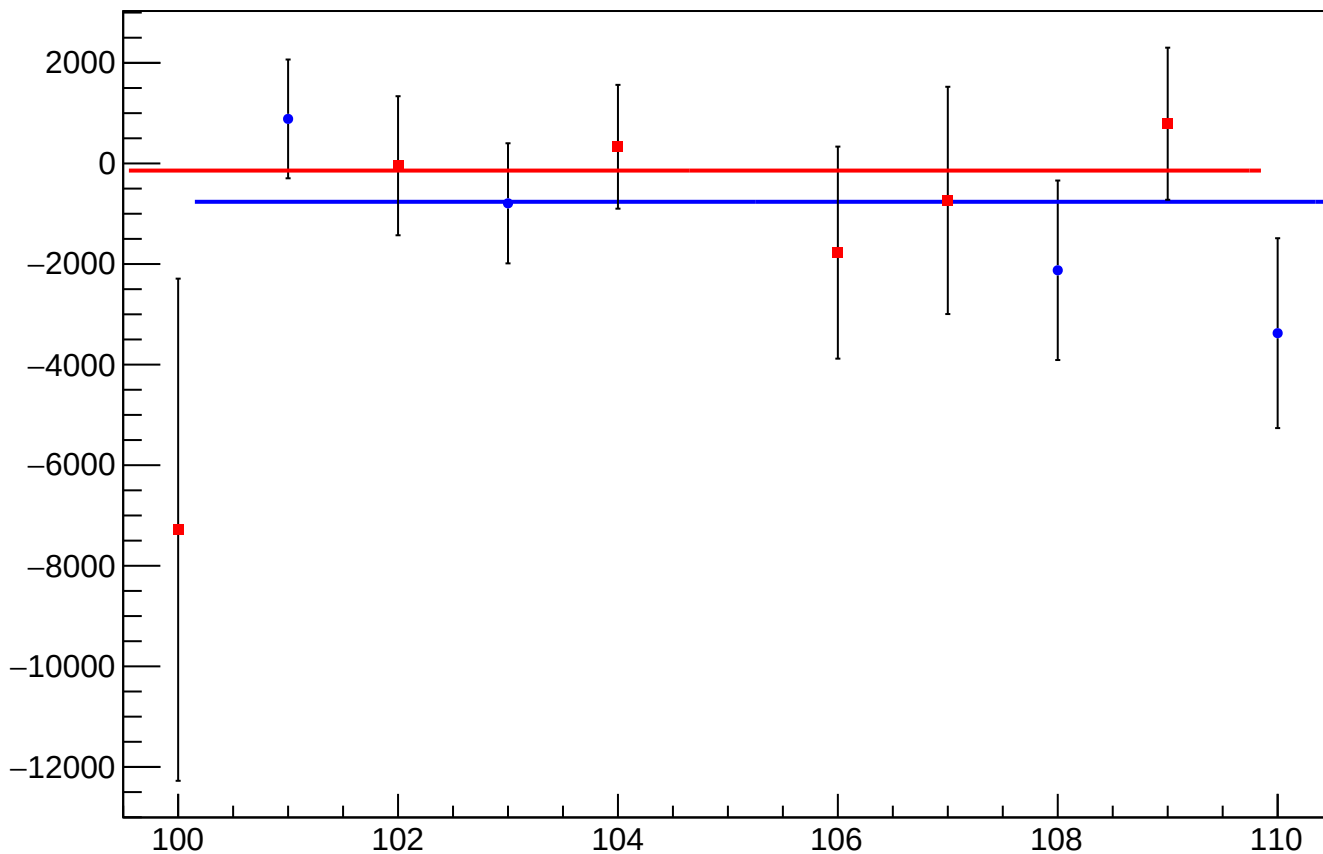
Right: 1389.322+/-0.508 χ^2/NDF : 889317.2/9

In: 1411.085+/-0.776 χ^2/NDF : 747855.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1389.322+/-0.508 χ^2/NDF : 889317.2/9

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -762.463+/-704.803 χ^2/NDF : 4.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -141.647+/-693.144 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

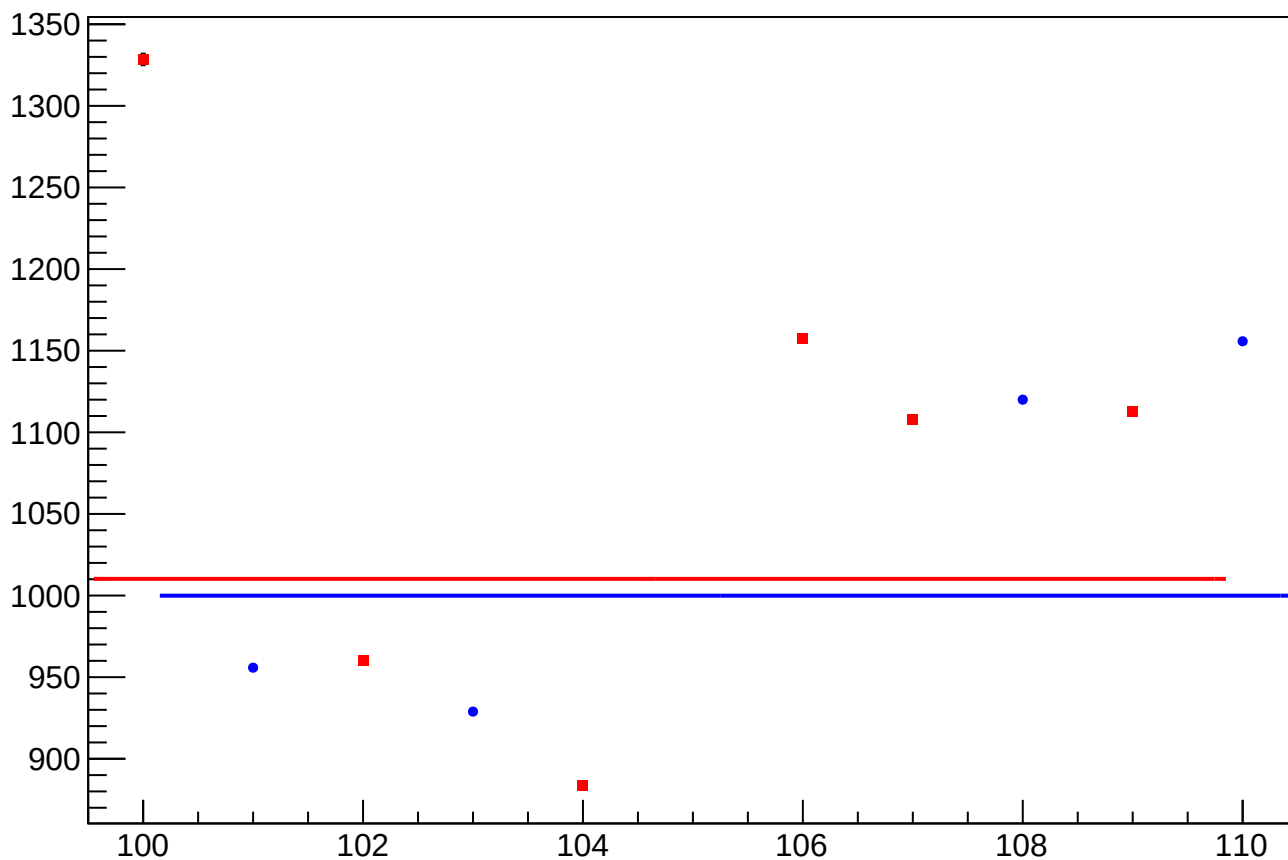
Right: -446.878+/-494.197 χ^2/NDF : 8.1/9

In: -762.463+/-704.803 χ^2/NDF : 4.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -446.878+/-494.197 χ^2/NDF : 8.1/9

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 999.926+/-0.498 χ^2/NDF : 32555.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1010.227+/-0.490 χ^2/NDF : 54559.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

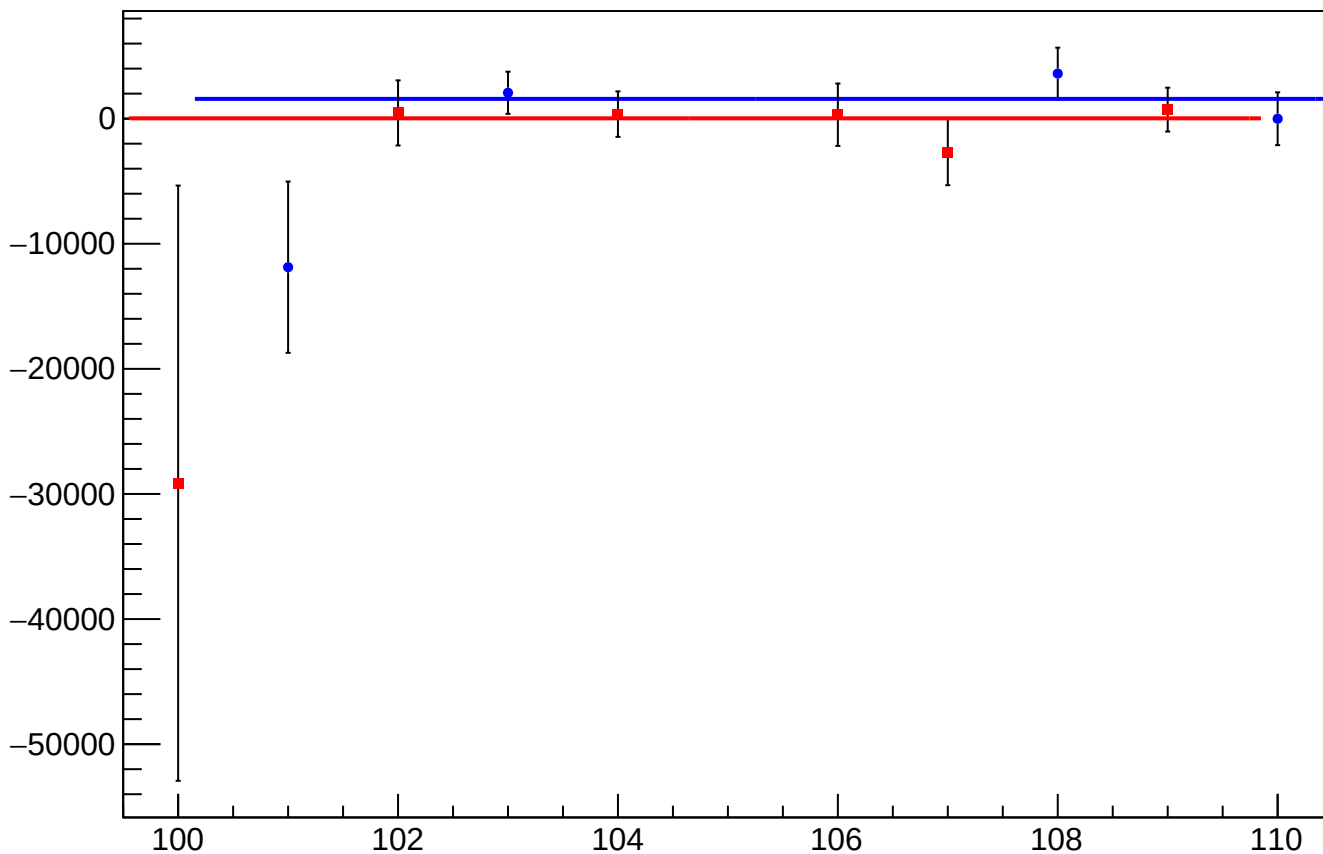
Right: 1005.162+/-0.349 χ^2/NDF : 87332.5/9

In: 999.926+/-0.498 χ^2/NDF : 32555.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1005.162+/-0.349 χ^2/NDF : 87332.5/9

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1580.662 $\pm$ 1097.400 χ^2 /NDF: 5.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.089 $\pm$ 961.974 χ^2 /NDF: 2.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

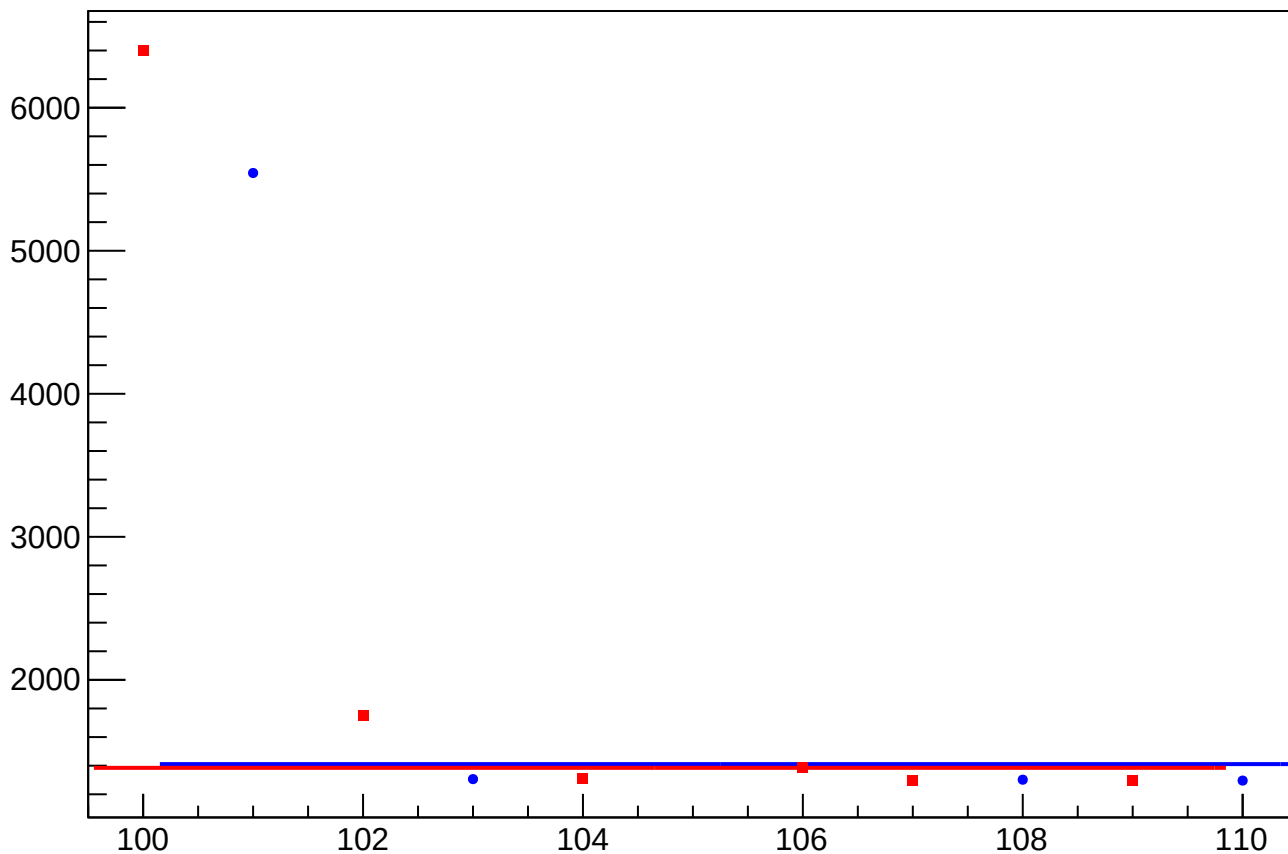
Right: 701.586 $\pm$ 723.387 χ^2 /NDF: 9.4/9

In: 1580.662 $\pm$ 1097.400 χ^2 /NDF: 5.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 701.586 $\pm$ 723.387 χ^2 /NDF: 9.4/9

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1411.085+/-0.776 χ^2/NDF : 747854.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.993+/-0.680 χ^2/NDF : 138698.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

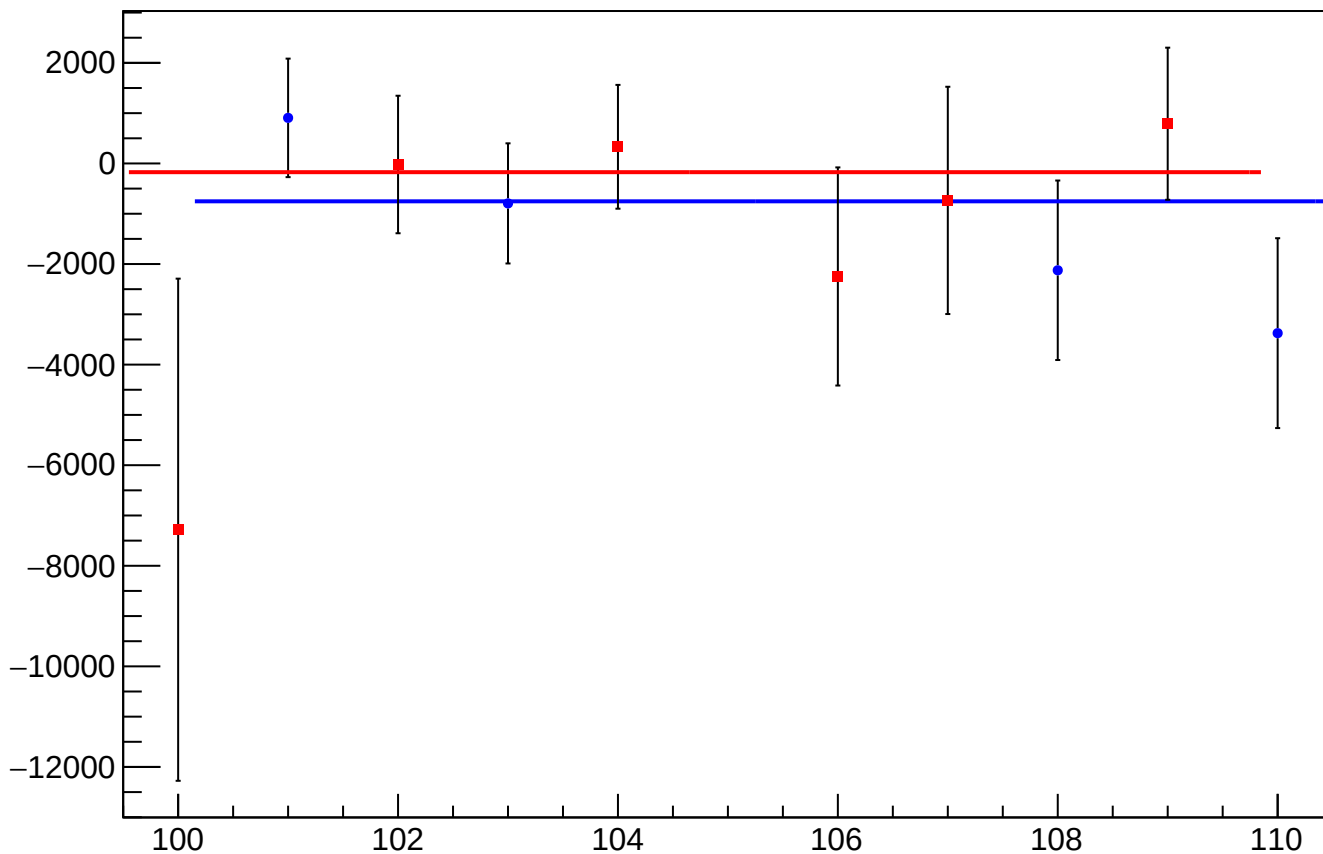
Right: 1396.330+/-0.512 χ^2/NDF : 887192.5/9

In: 1411.085+/-0.776 χ^2/NDF : 747854.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.330+/-0.512 χ^2/NDF : 887192.5/9

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -753.004+/-704.291 χ^2/NDF : 4.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -173.516+/-693.217 χ^2/NDF : 3.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

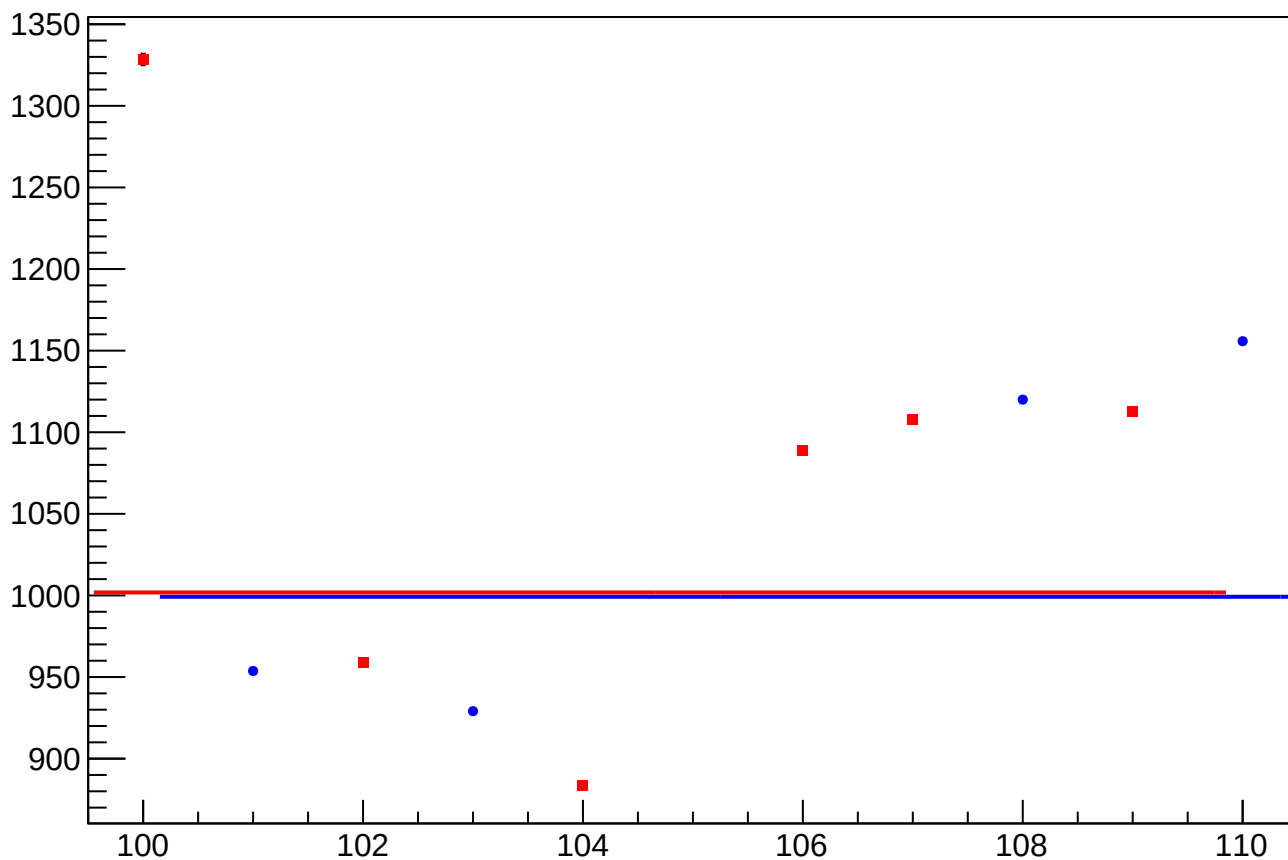
Right: -458.668+/-494.047 χ^2/NDF : 8.4/9

In: -753.004+/-704.291 χ^2/NDF : 4.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -458.668+/-494.047 χ^2/NDF : 8.4/9

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 999.188+/-0.498 χ^2/NDF : 32793.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1001.836+/-0.490 χ^2/NDF : 47322.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

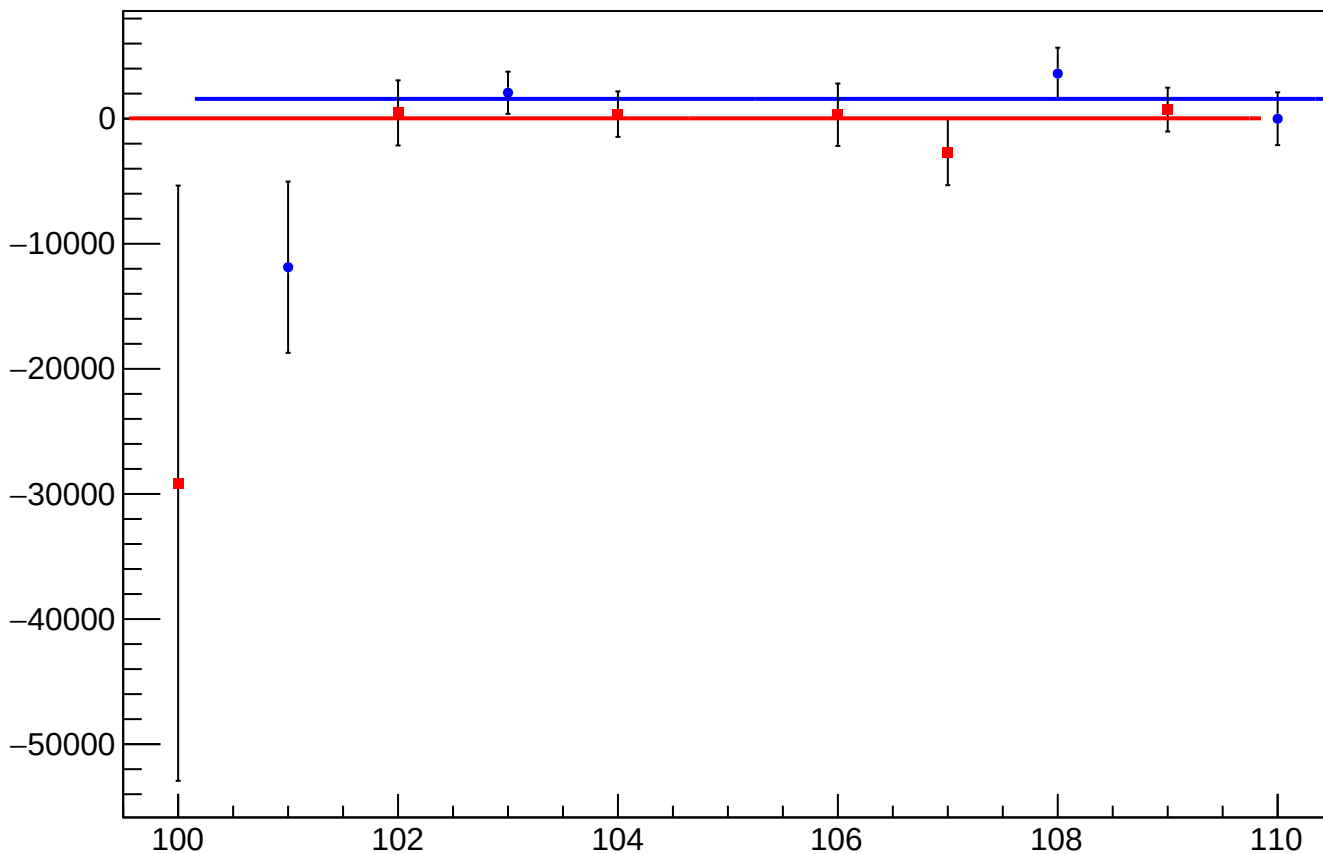
Right: 1000.533+/-0.349 χ^2/NDF : 80130.7/9

In: 999.188+/-0.498 χ^2/NDF : 32793.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1000.533+/-0.349 χ^2/NDF : 80130.7/9

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1580.662+/-1097.400 χ^2 /NDF: 5.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 26.089+/-961.974 χ^2 /NDF: 2.8/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

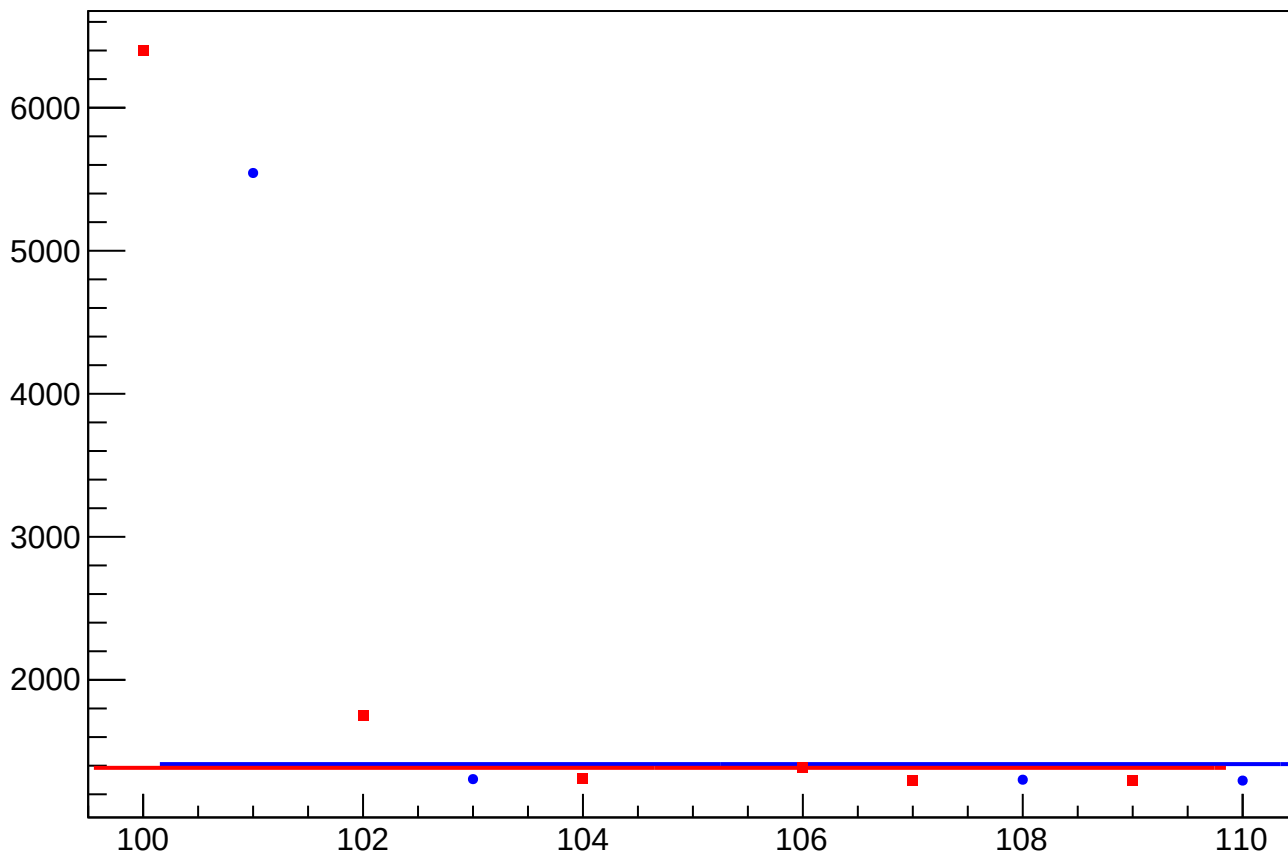
Right: 701.586+/-723.387 χ^2 /NDF: 9.4/9

In: 1580.662+/-1097.400 χ^2 /NDF: 5.5/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 701.586+/-723.387 χ^2 /NDF: 9.4/9

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1411.085+/-0.776 χ^2/NDF : 747854.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.993+/-0.680 χ^2/NDF : 138698.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

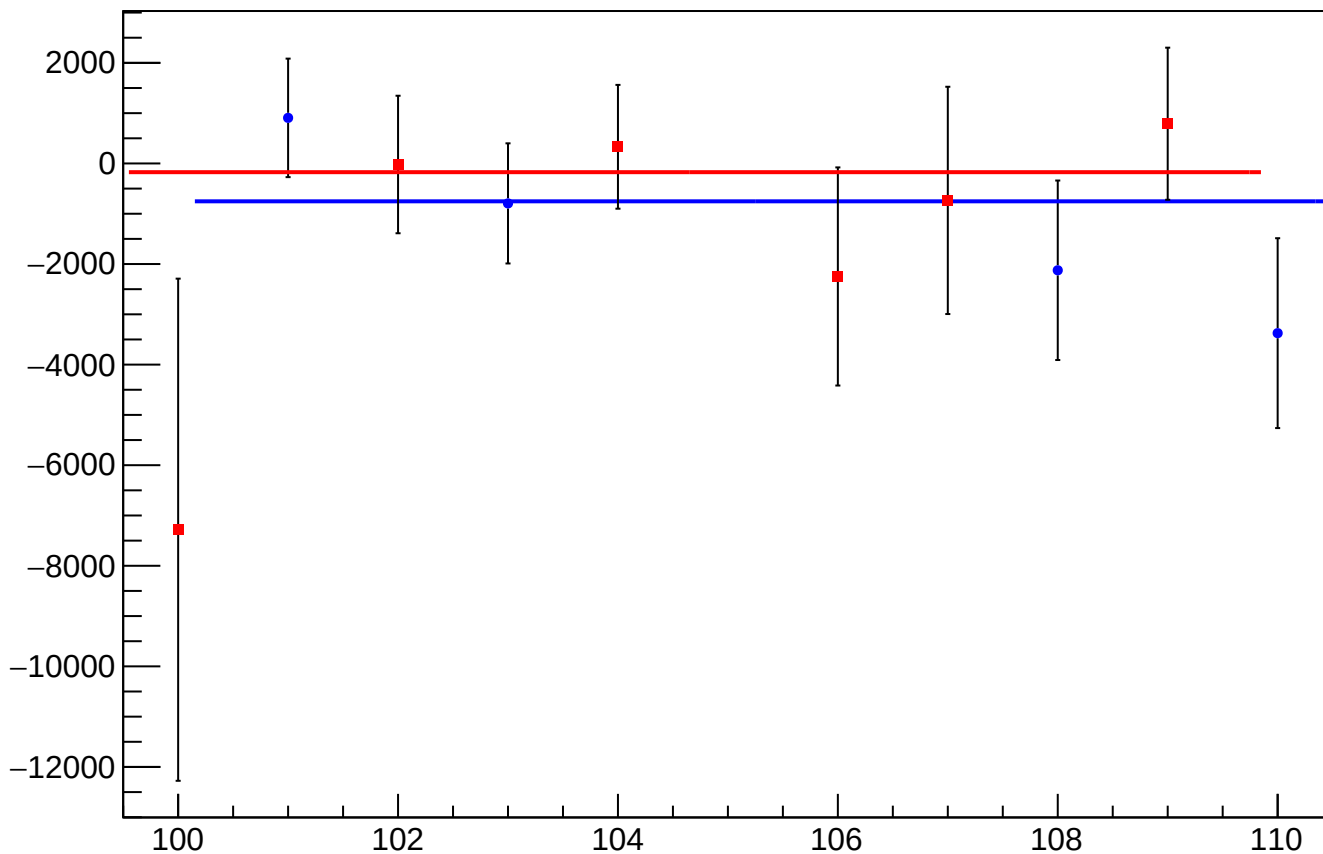
Right: 1396.330+/-0.512 χ^2/NDF : 887192.5/9

In: 1411.085+/-0.776 χ^2/NDF : 747854.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.330+/-0.512 χ^2/NDF : 887192.5/9

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -753.004+/-704.291 χ^2/NDF : 4.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -173.516+/-693.217 χ^2/NDF : 3.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

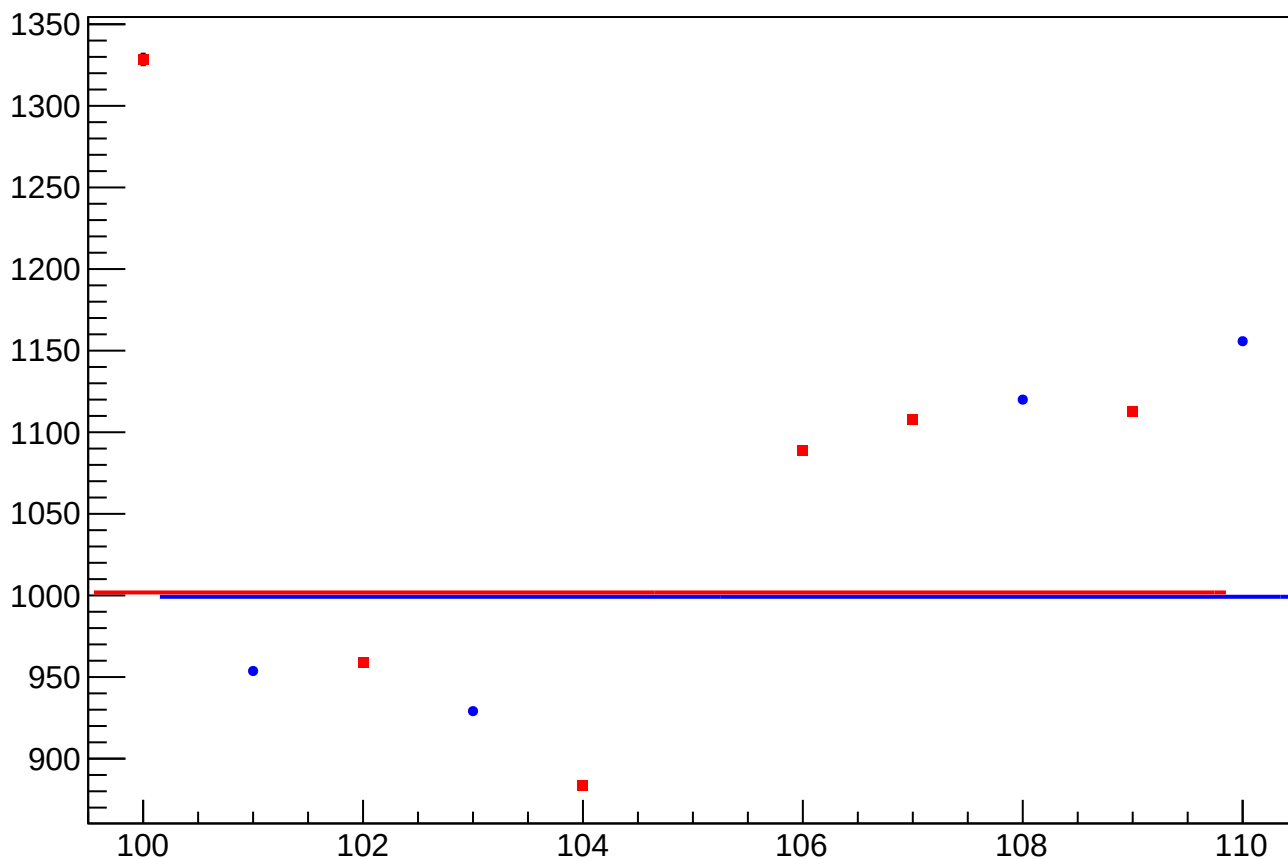
Right: -458.668+/-494.047 χ^2/NDF : 8.4/9

In: -753.004+/-704.291 χ^2/NDF : 4.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -458.668+/-494.047 χ^2/NDF : 8.4/9

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 999.188+/-0.498 χ^2/NDF : 32793.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1001.836+/-0.490 χ^2/NDF : 47322.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

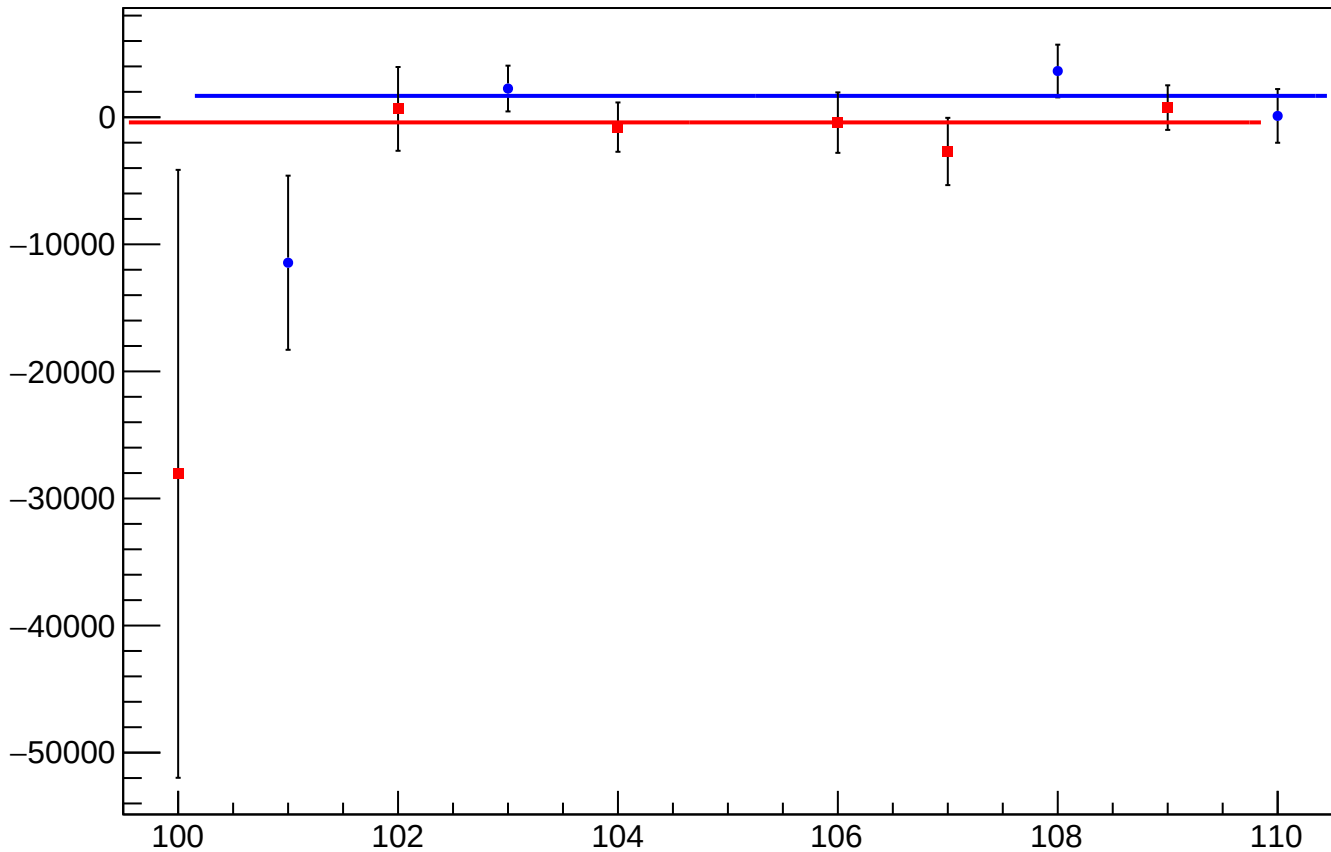
Right: 1000.533+/-0.349 χ^2/NDF : 80130.7/9

In: 999.188+/-0.498 χ^2/NDF : 32793.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1000.533+/-0.349 χ^2/NDF : 80130.7/9

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1682.483+/-1127.924 χ^2/NDF : 5.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -405.575+/-998.177 χ^2/NDF : 2.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

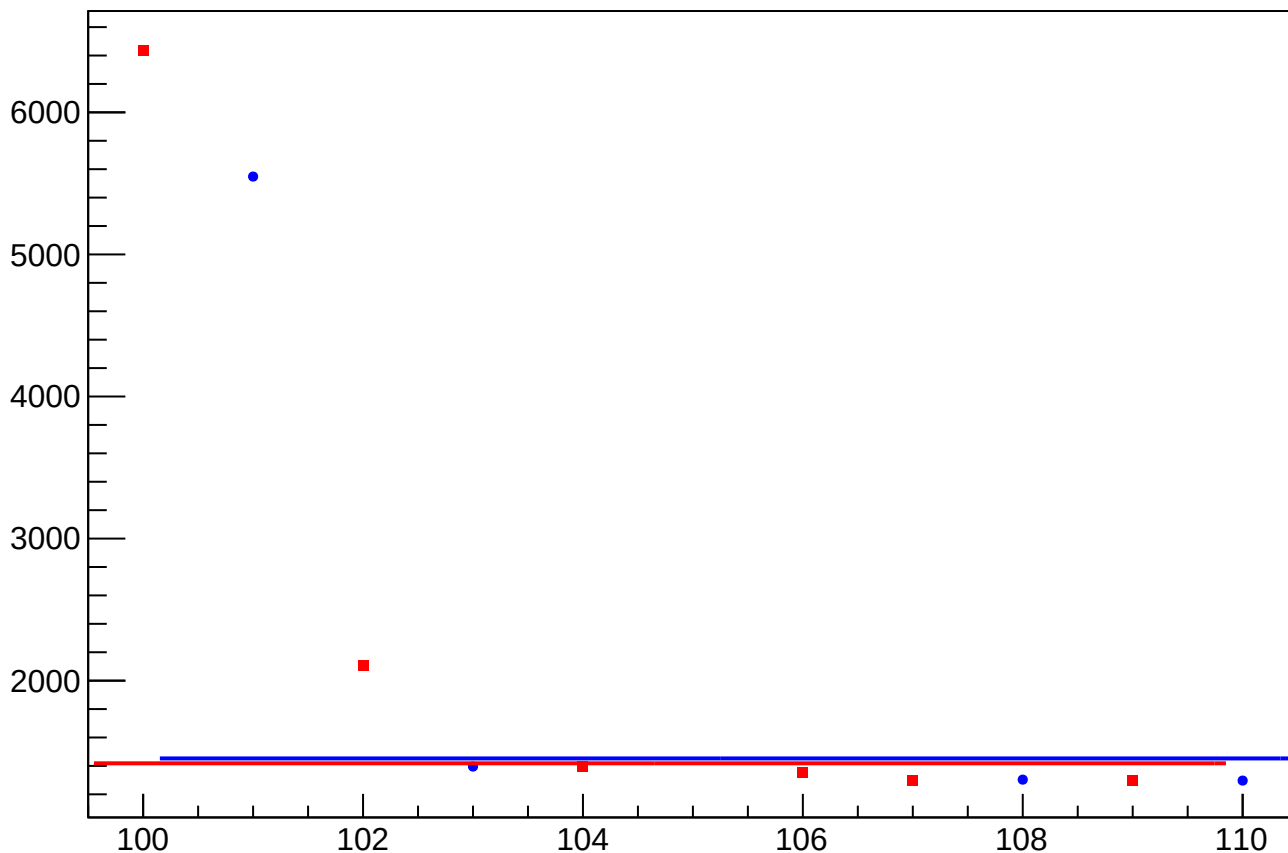
Right: 511.501+/-747.500 χ^2/NDF : 9.8/9

In: 1682.483+/-1127.924 χ^2/NDF : 5.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.501+/-747.500 χ^2/NDF : 9.8/9

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1452.607+/-0.798 χ^2/NDF : 737707.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1418.281+/-0.706 χ^2/NDF : 190966.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

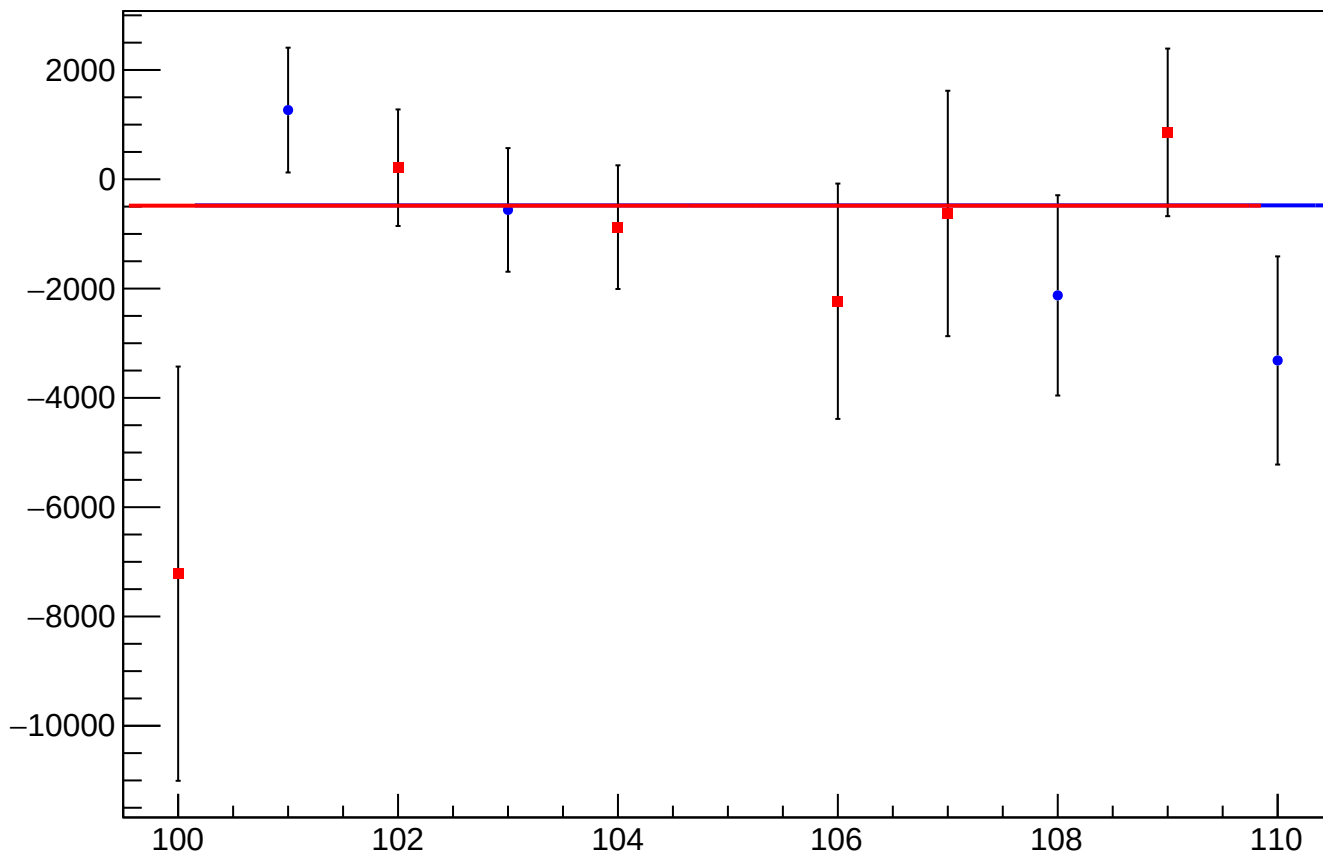
Right: 1433.357+/-0.529 χ^2/NDF : 929712.9/9

In: 1452.607+/-0.798 χ^2/NDF : 737707.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1433.357+/-0.529 χ^2/NDF : 929712.9/9

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -477.610+/-686.462 χ^2/NDF : 5.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -482.825+/-623.884 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

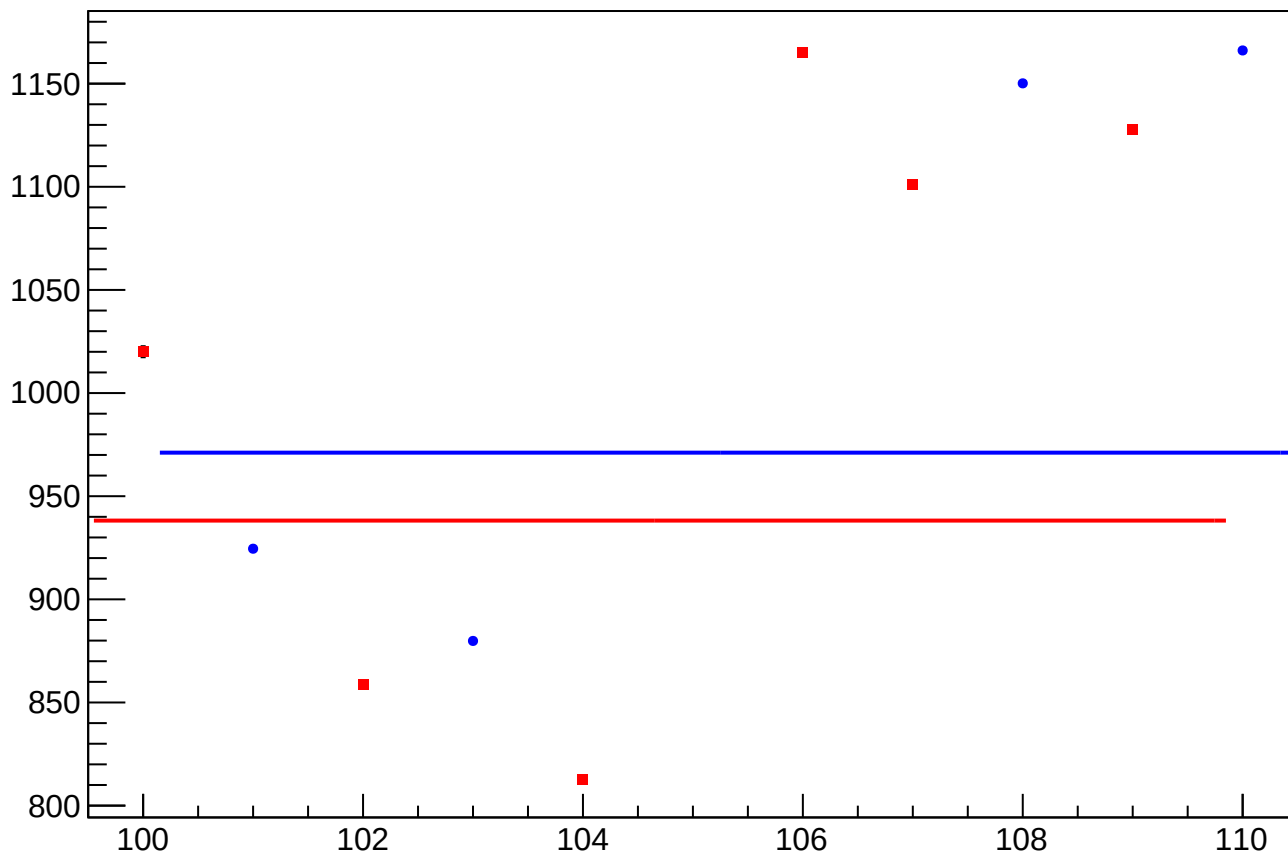
Right: -480.466+/-461.694 χ^2/NDF : 10.5/9

In: -477.610+/-686.462 χ^2/NDF :5.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -480.466+/-461.694 χ^2/NDF : 10.5/9

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 971.113+/-0.485 χ^2/NDF : 56401.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 938.180+/-0.441 χ^2/NDF : 99951.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

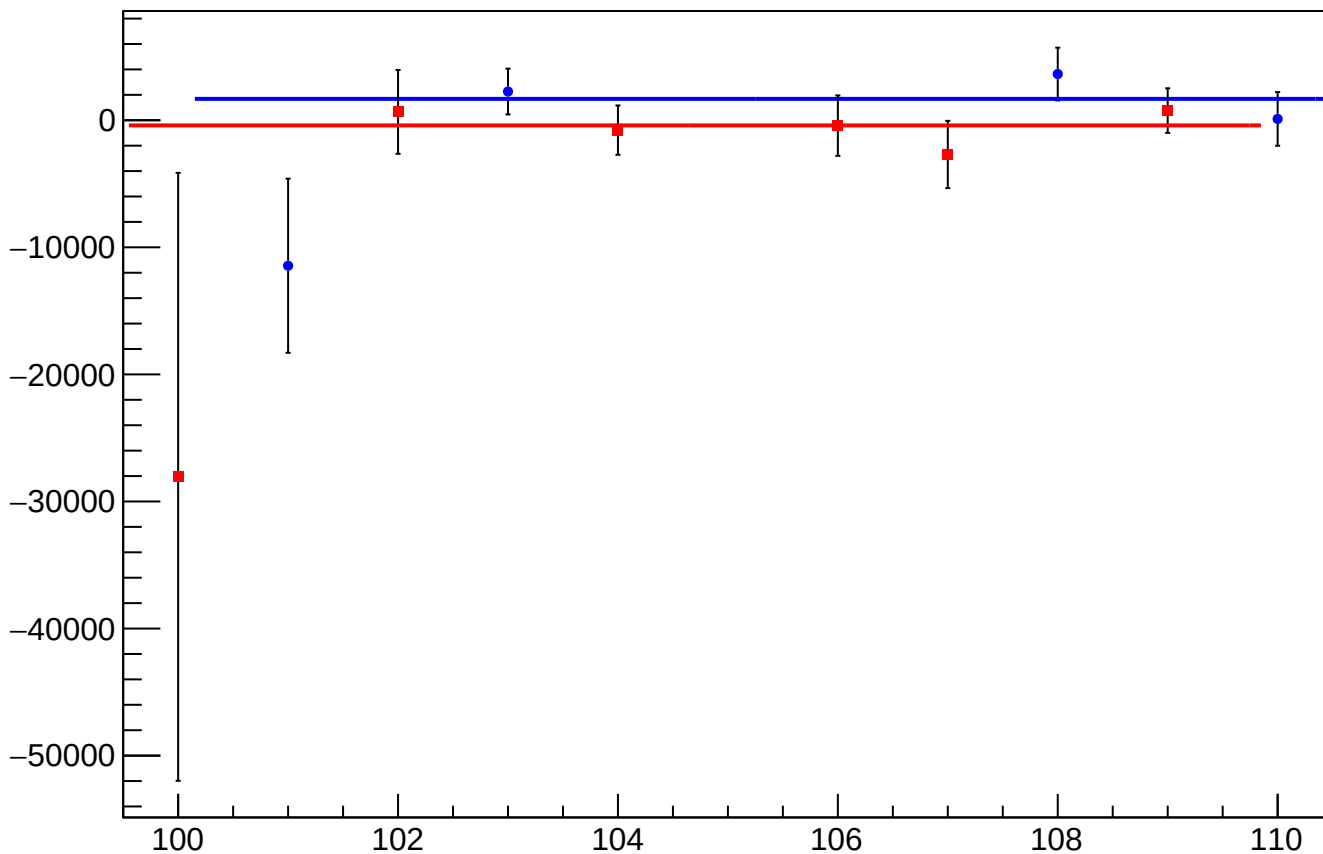
Right: 953.077+/-0.326 χ^2/NDF : 158874.1/9

In: 971.113+/-0.485 χ^2/NDF : 56401.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 953.077+/-0.326 χ^2/NDF : 158874.1/9

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1682.486+/-1127.924 χ^2 /NDF: 5.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -405.575+/-998.176 χ^2 /NDF: 2.7/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

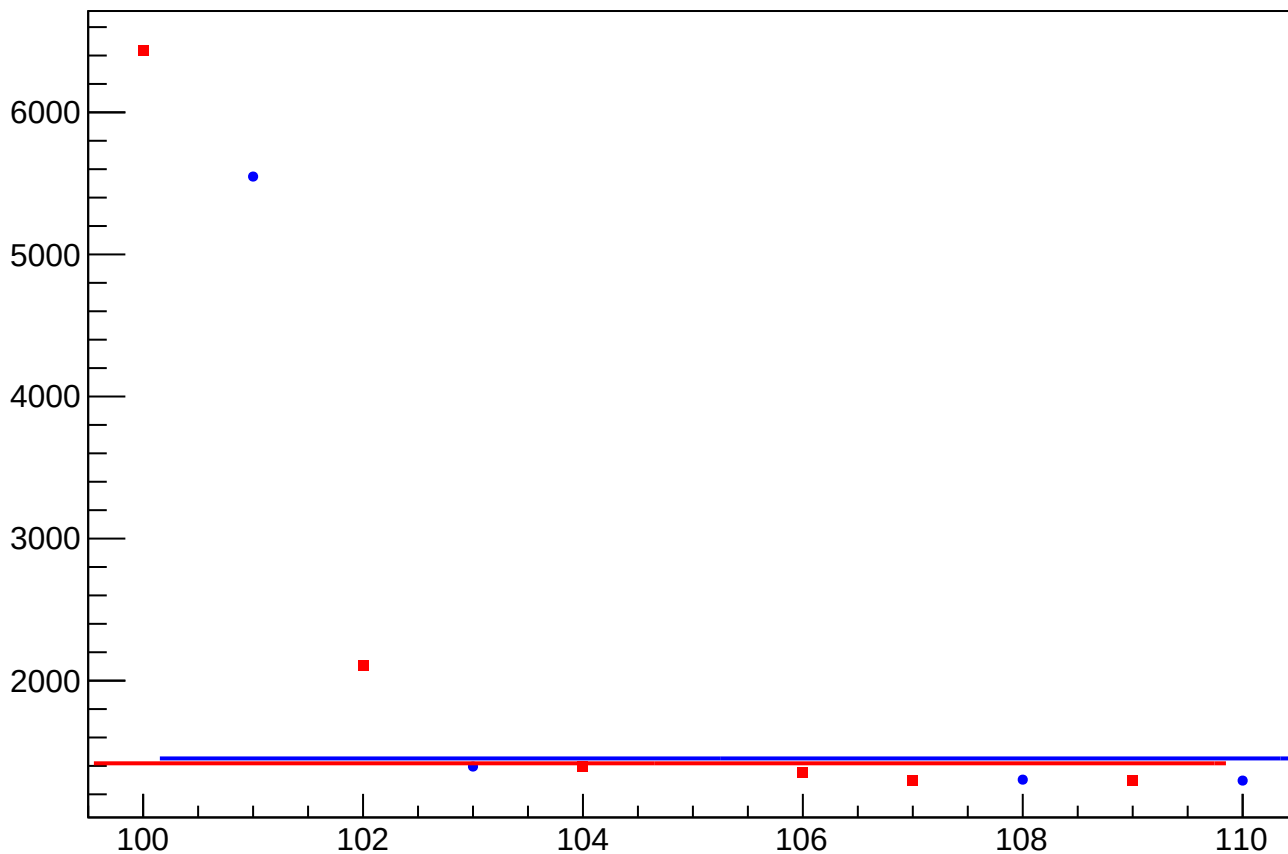
Right: 511.502+/-747.500 χ^2 /NDF: 9.8/9

In: 1682.486+/-1127.924 χ^2 /NDF:5.2/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 511.502+/-747.500 χ^2 /NDF: 9.8/9

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1452.607+/-0.798 χ^2/NDF : 737707.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1418.281+/-0.706 χ^2/NDF : 190966.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

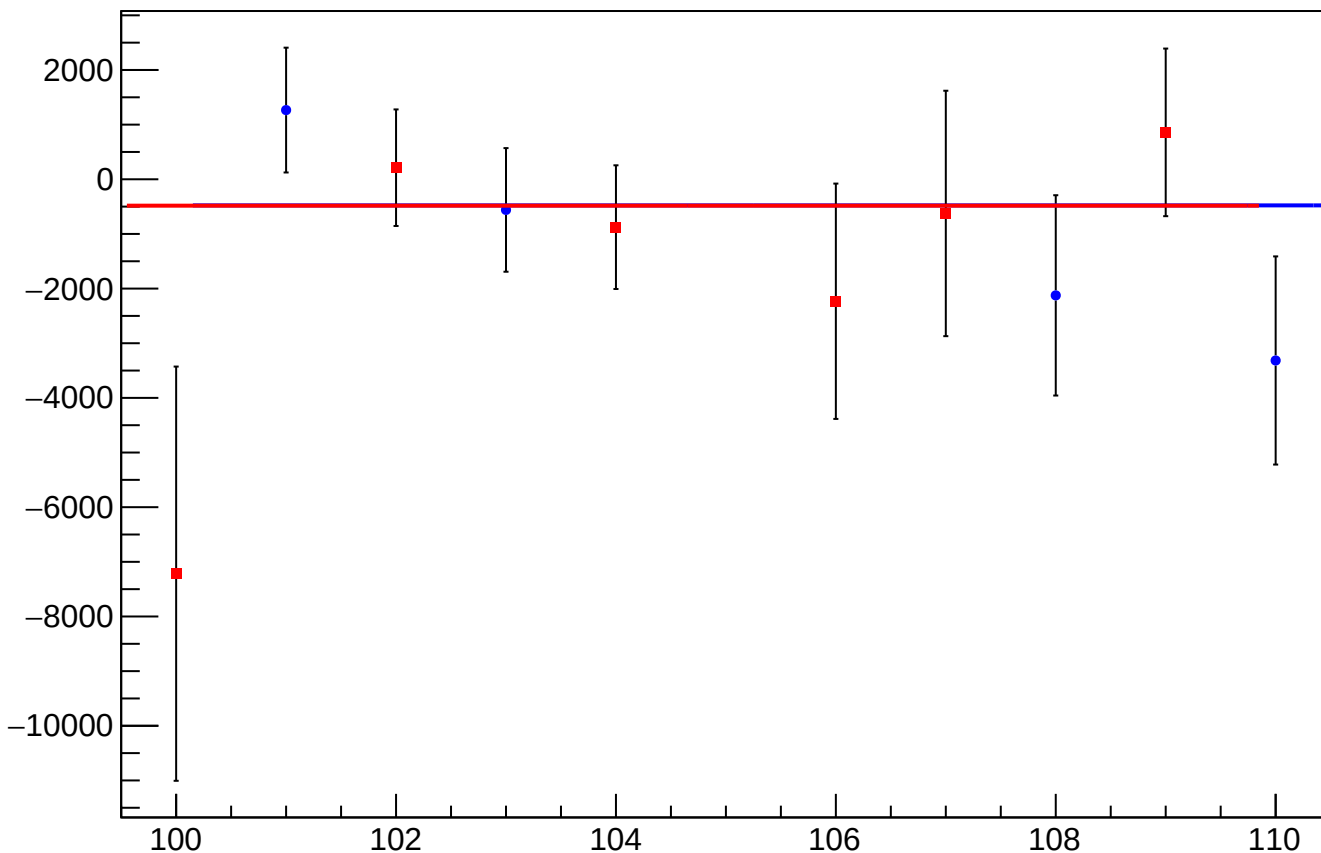
Right: 1433.356+/-0.529 χ^2/NDF : 929712.9/9

In: 1452.607+/-0.798 χ^2/NDF : 737707.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1433.356+/-0.529 χ^2/NDF : 929712.9/9

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -477.610+/-686.461 χ^2/NDF : 5.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -482.826+/-623.885 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

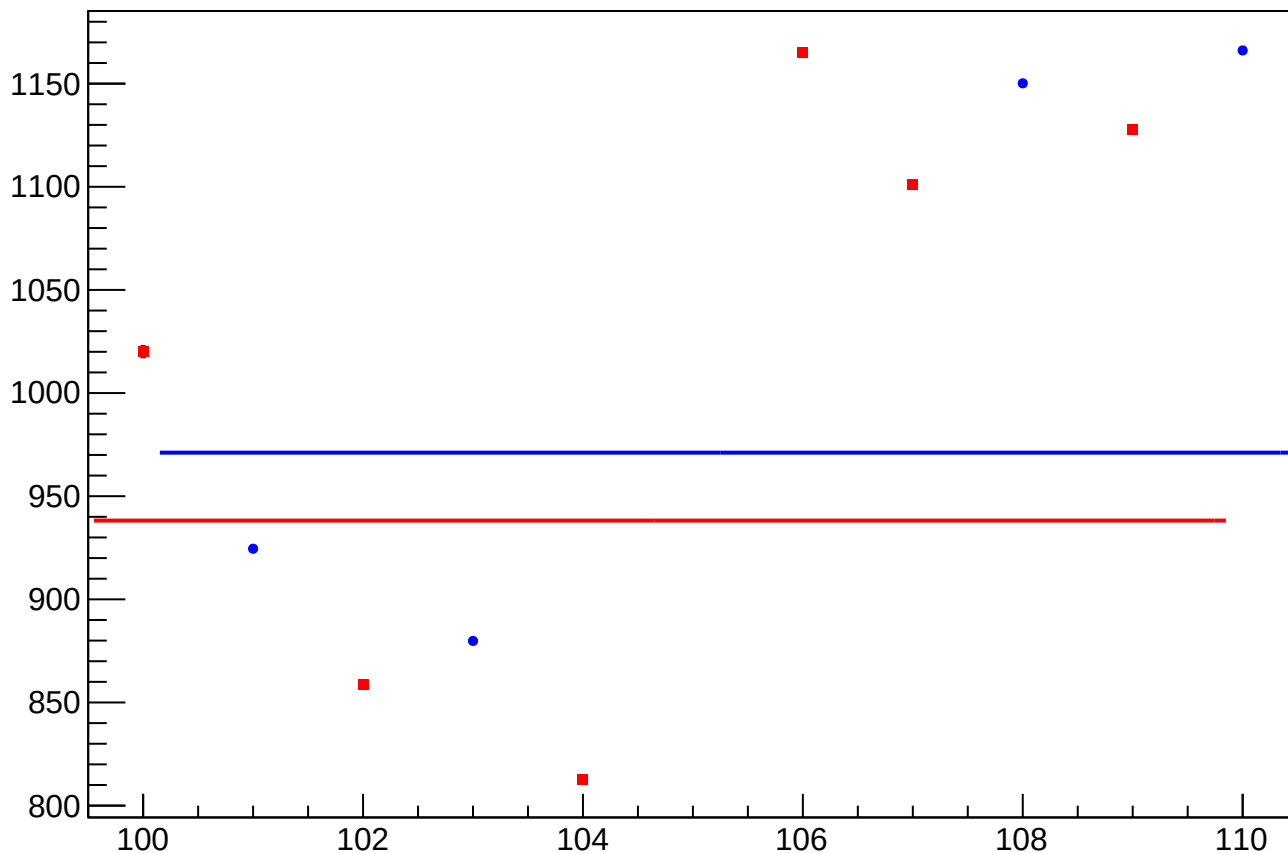
Right: -480.467+/-461.694 χ^2/NDF : 10.5/9

In: -477.610+/-686.461 χ^2/NDF :5.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -480.467+/-461.694 χ^2/NDF : 10.5/9

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 971.112 $\pm$ 0.485 χ^2 /NDF: 56400.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 938.181 $\pm$ 0.441 χ^2 /NDF: 99949.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

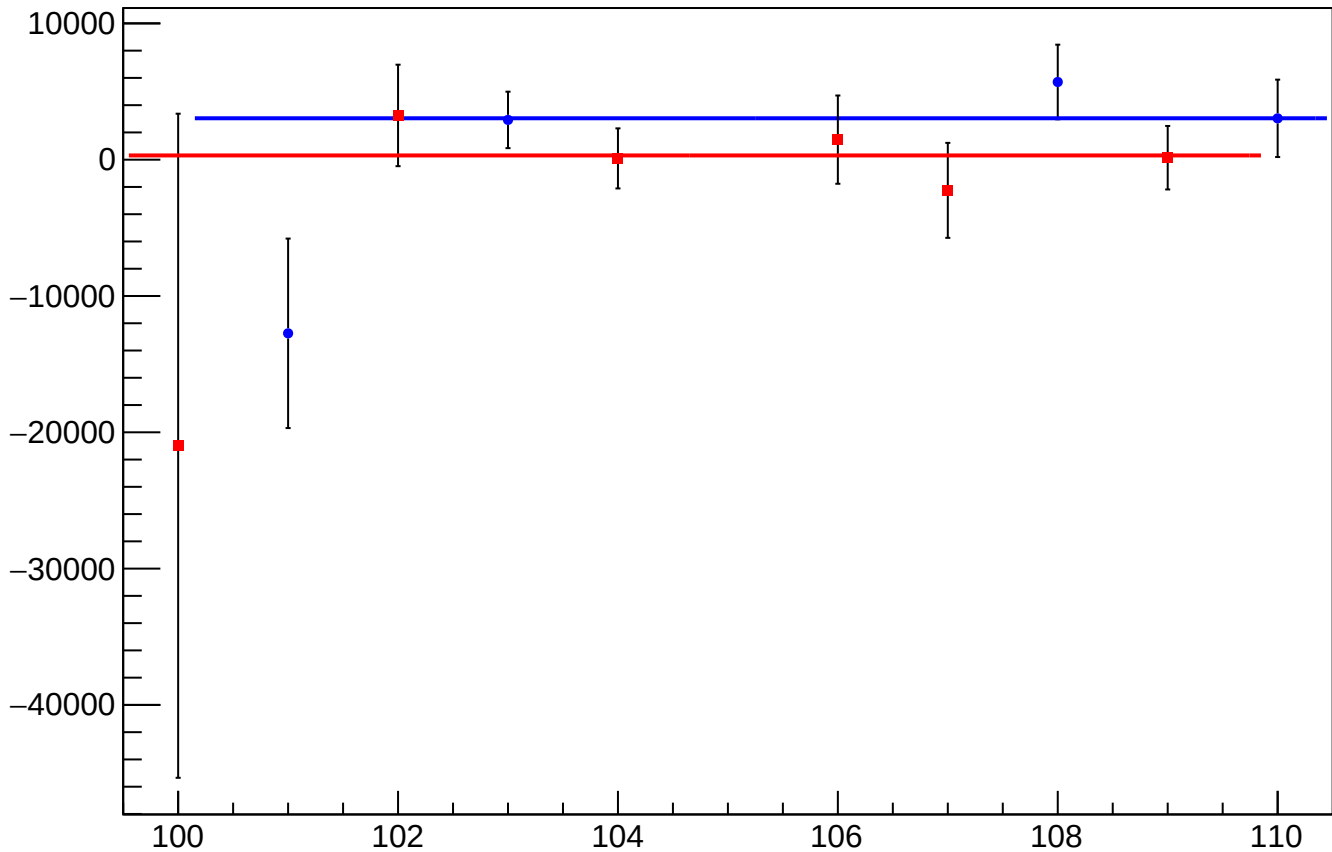
Right: 953.078 $\pm$ 0.326 χ^2 /NDF: 158870.6/9

In: 971.112 $\pm$ 0.485 χ^2 /NDF:56400.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 953.078 $\pm$ 0.326 χ^2 /NDF: 158870.6/9

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 3038.293+/-1398.394 χ^2 /NDF: 6.1/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 311.935+/-1248.190 χ^2 /NDF: 2.1/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

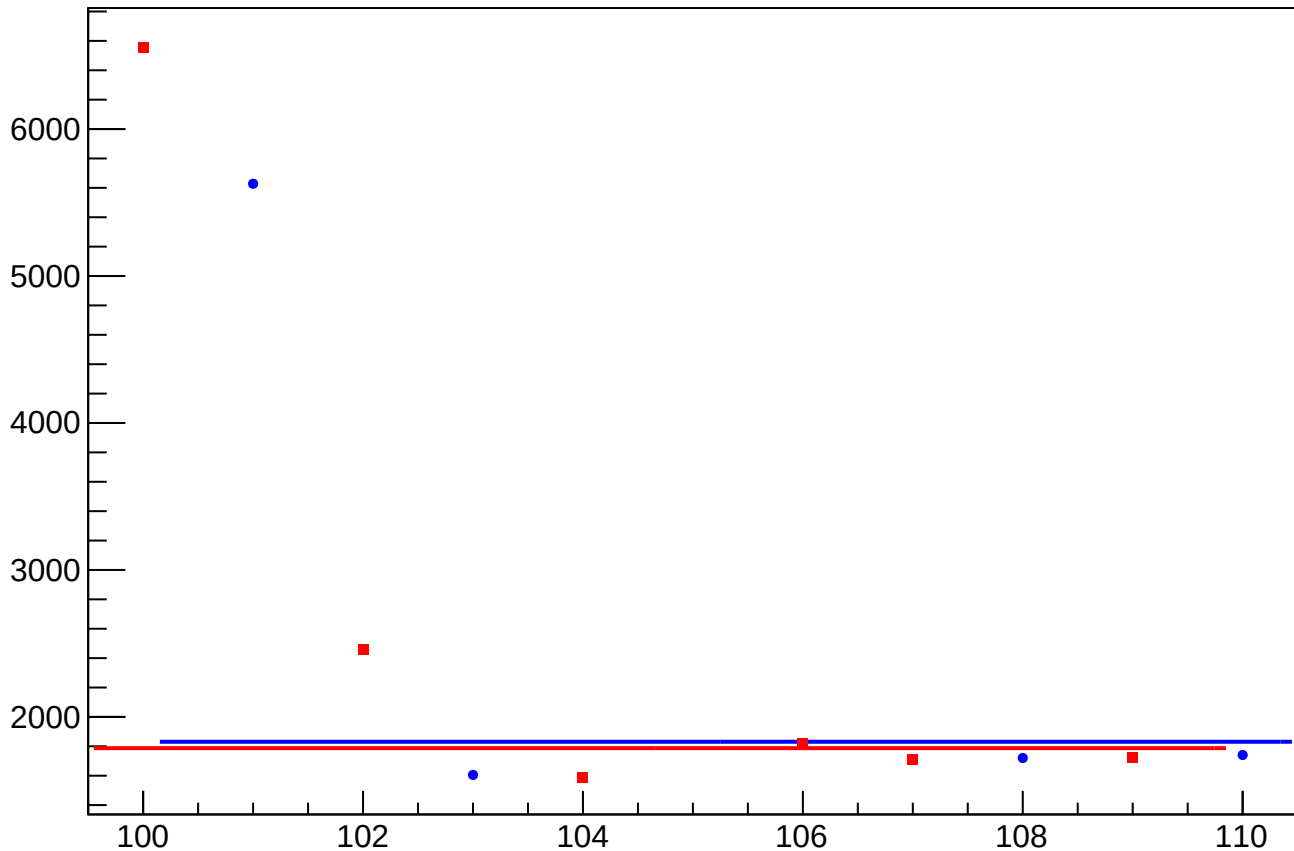
Right: 1520.879+/-931.196 χ^2 /NDF: 10.3/9

In: 3038.293+/-1398.394 χ^2 /NDF:6.1/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1520.879+/-931.196 χ^2 /NDF: 10.3/9

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1831.058+/-0.989 χ^2/NDF : 625892.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1787.424+/-0.883 χ^2/NDF : 160587.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

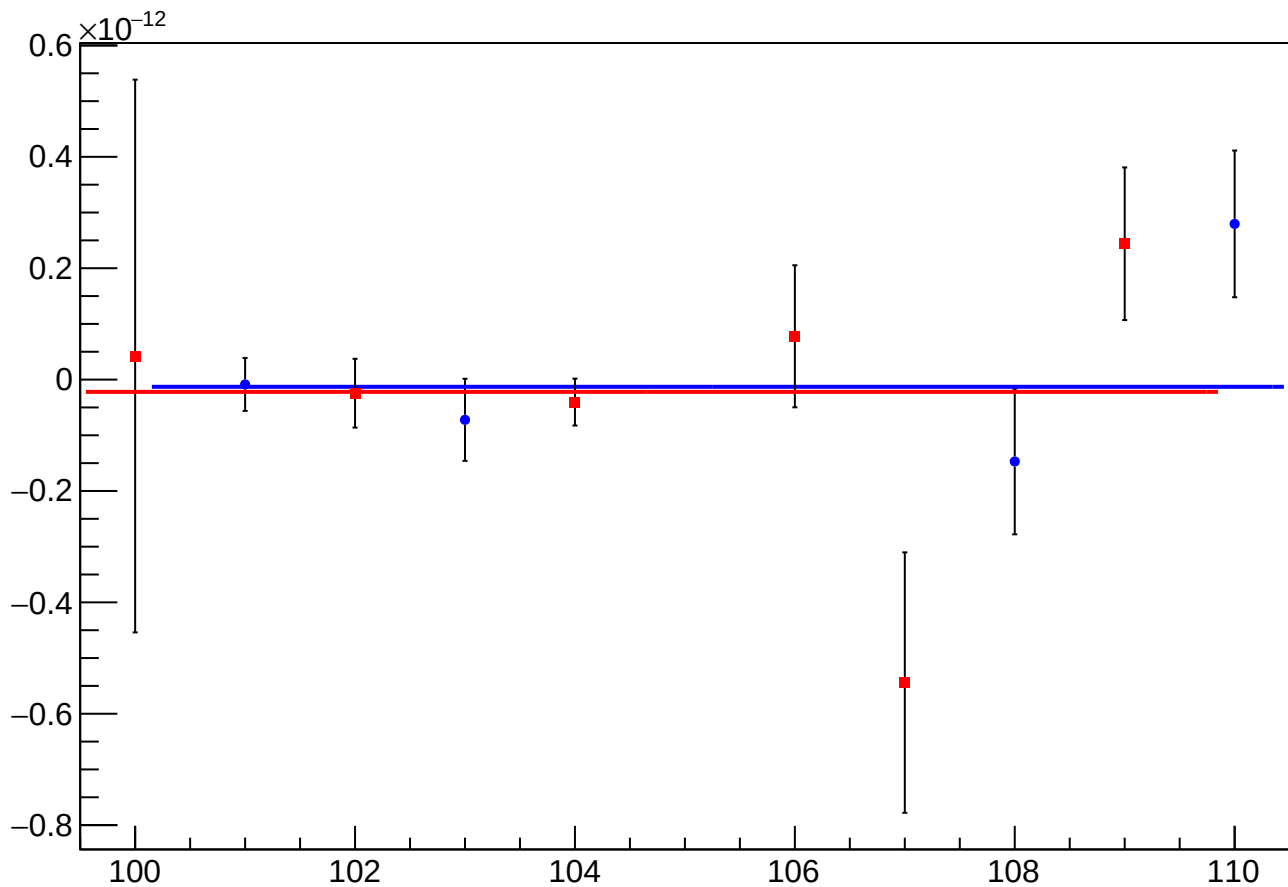
Right: 1806.772+/-0.658 χ^2/NDF : 787563.6/9

In: 1831.058+/-0.989 χ^2/NDF : 625892.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1806.772+/-0.658 χ^2/NDF : 787563.6/9

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

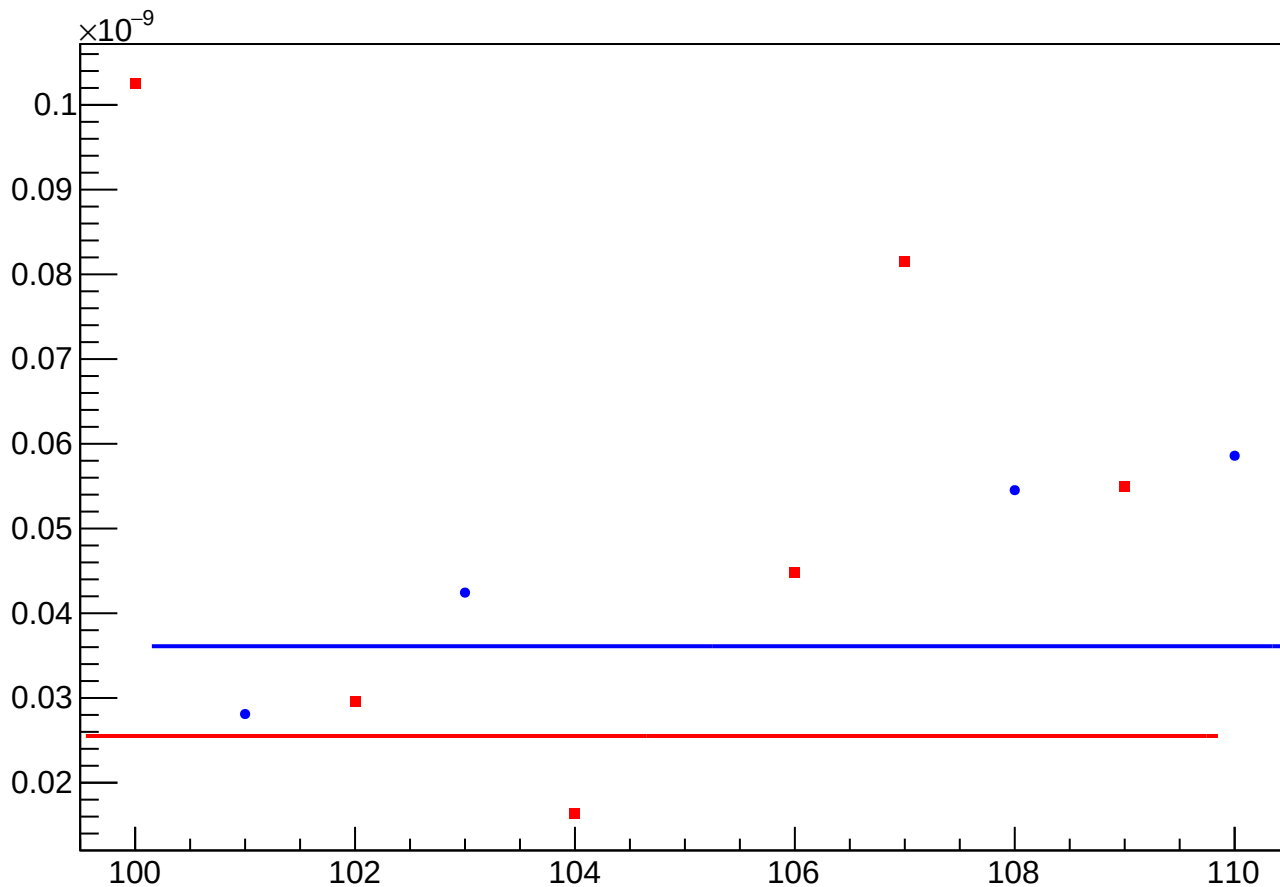
Right: -0.000+/-0.000 χ^2/NDF : 16.2/9

In: -0.000+/-0.000 χ^2/NDF : 6.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.2/9

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 169245.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 404456.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

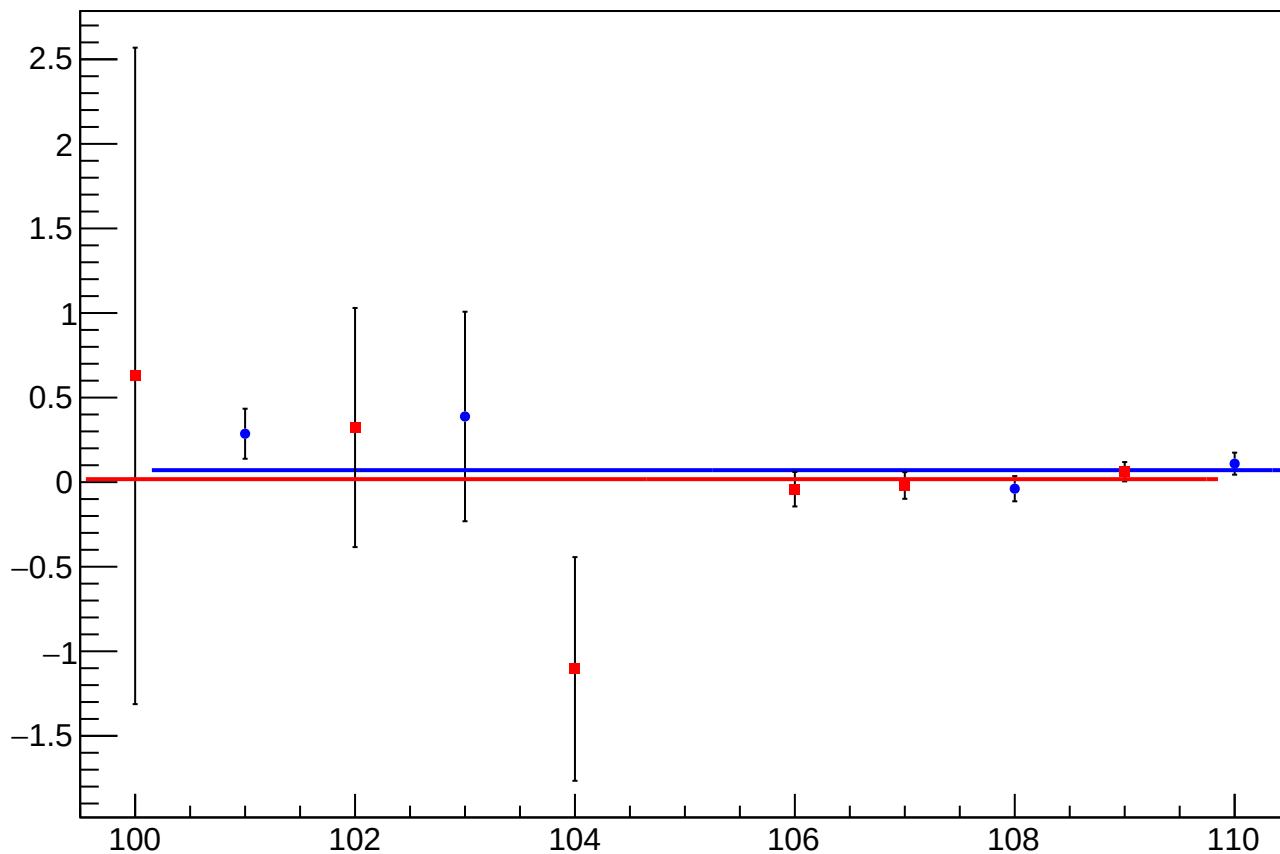
Right: 0.000+/-0.000 χ^2/NDF : 667783.9/9

In: 0.000+/-0.000 χ^2/NDF : 169245.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 667783.9/9

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.071 $\pm$ 0.046 χ^2 /NDF: 4.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.018 $\pm$ 0.042 χ^2 /NDF: 4.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

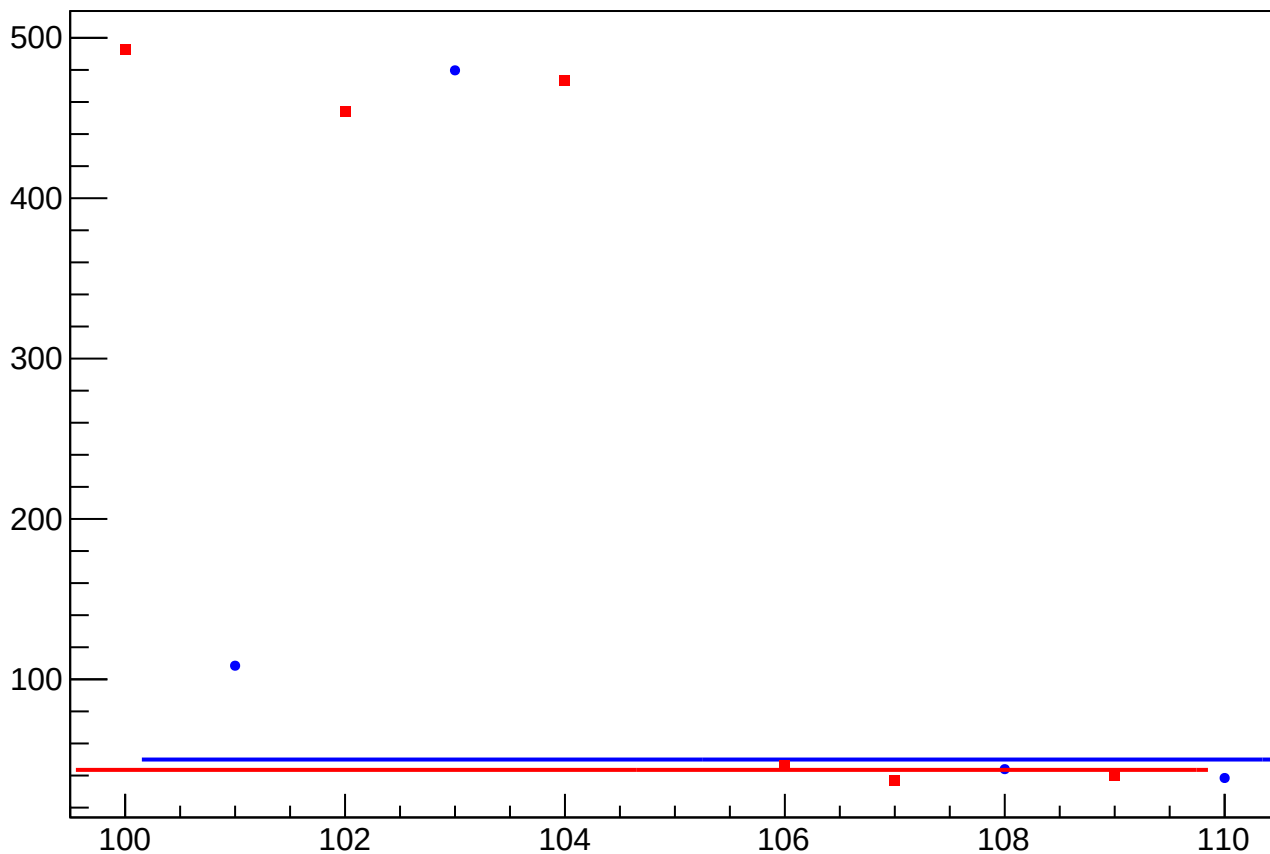
Right: 0.042 $\pm$ 0.031 χ^2 /NDF: 9.9/9

In: 0.071 $\pm$ 0.046 χ^2 /NDF:4.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.031 χ^2 /NDF: 9.9/9

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.982 $\pm$ 0.033 χ^2 /NDF: 1351269.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.526 $\pm$ 0.030 χ^2 /NDF: 1650315.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

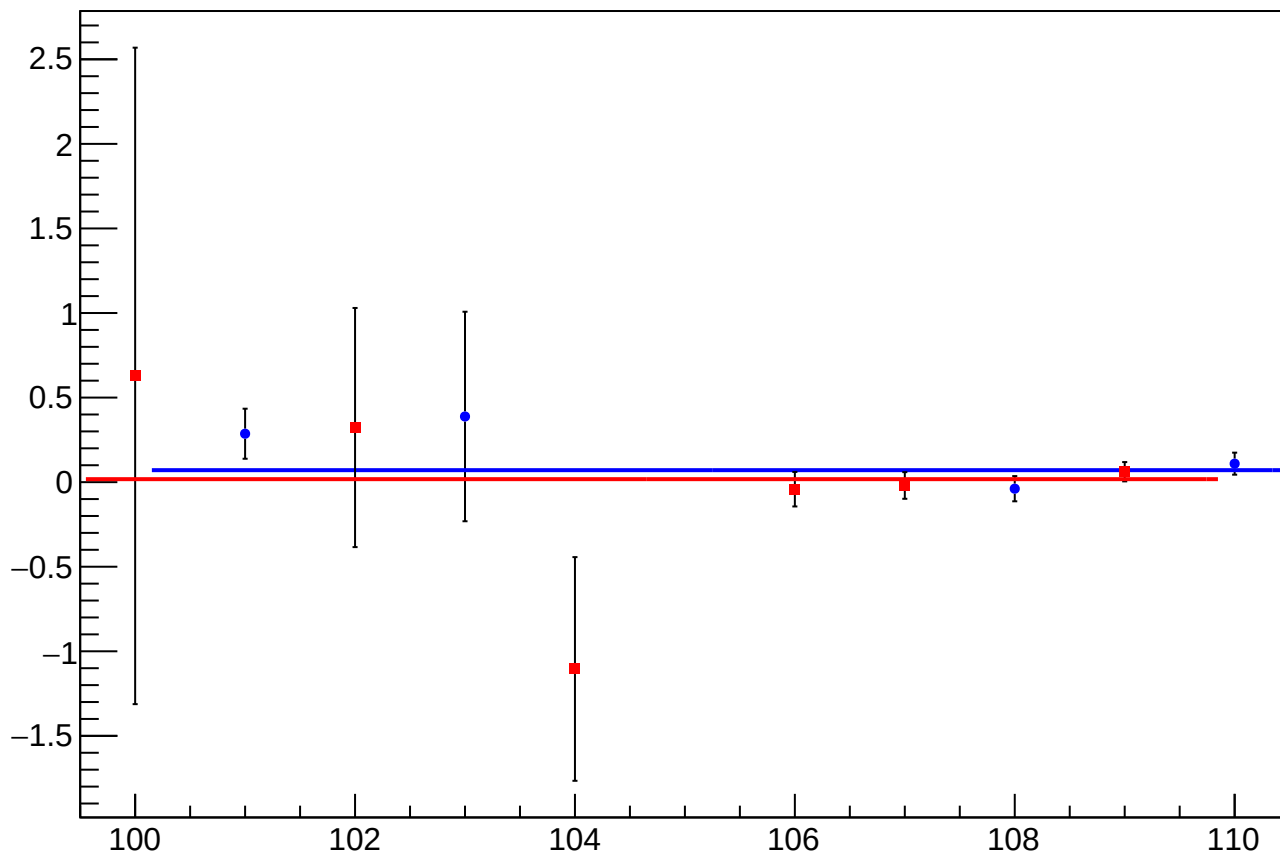
Right: 46.427 $\pm$ 0.022 χ^2 /NDF: 3022896.8/9

In: 49.982 $\pm$ 0.033 χ^2 /NDF:1351269.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 46.427 $\pm$ 0.022 χ^2 /NDF: 3022896.8/9

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.071+/-0.046 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.042 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

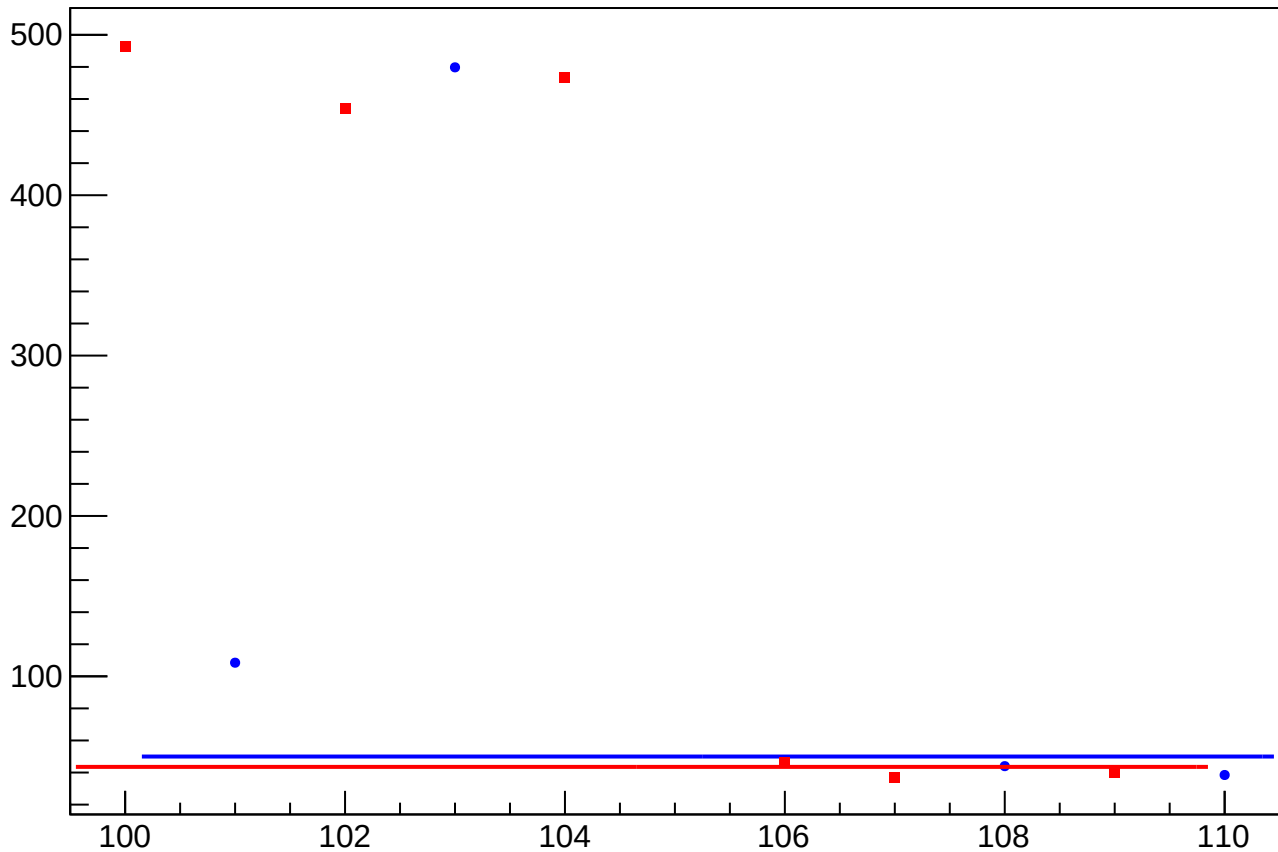
Right: 0.042+/-0.031 χ^2/NDF : 9.9/9

In: 0.071+/-0.046 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.031 χ^2/NDF : 9.9/9

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.982+/-0.033 χ^2/NDF : 1351269.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.526+/-0.030 χ^2/NDF : 1650315.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

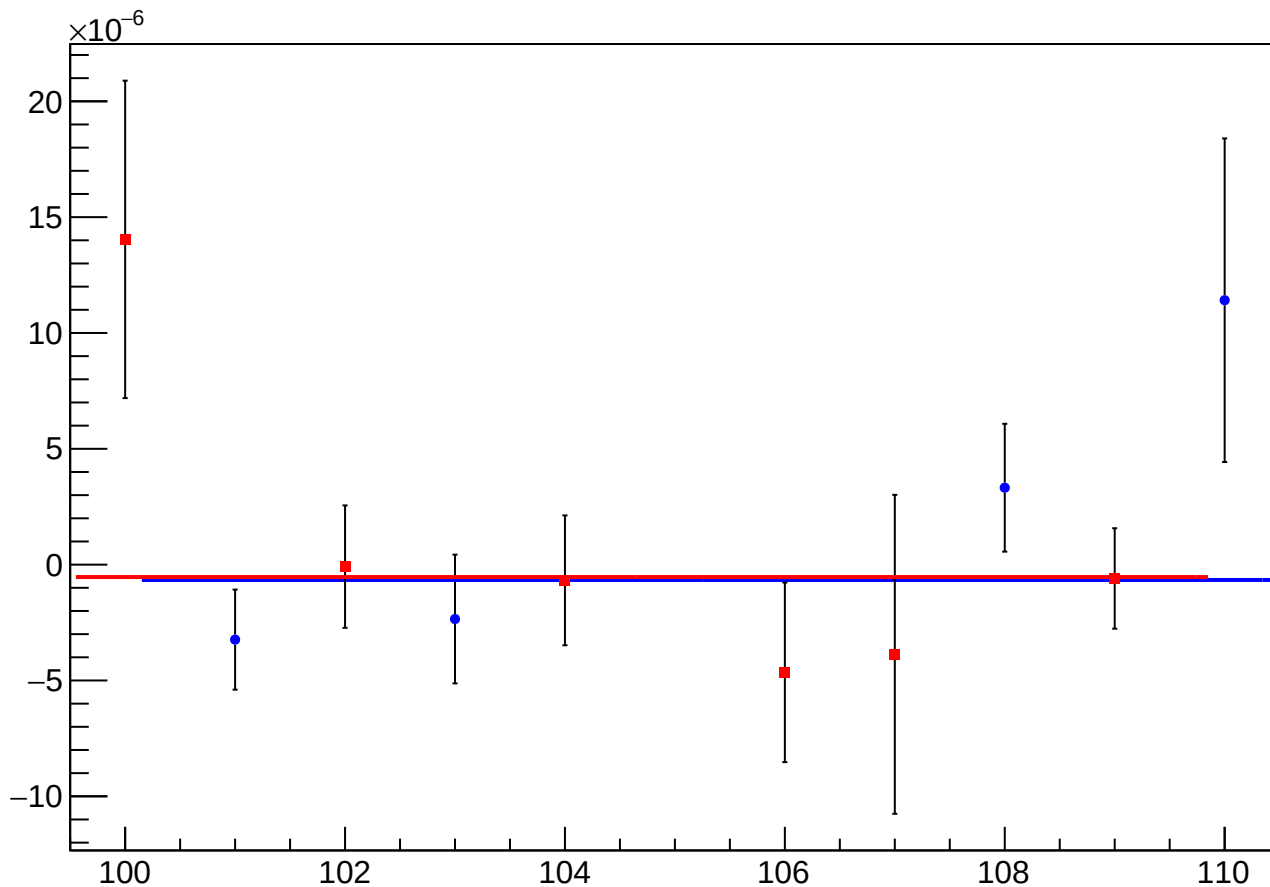
Right: 46.427+/-0.022 χ^2/NDF : 3022896.8/9

In: 49.982+/-0.033 χ^2/NDF : 1351269.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.427+/-0.022 χ^2/NDF : 3022896.8/9

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

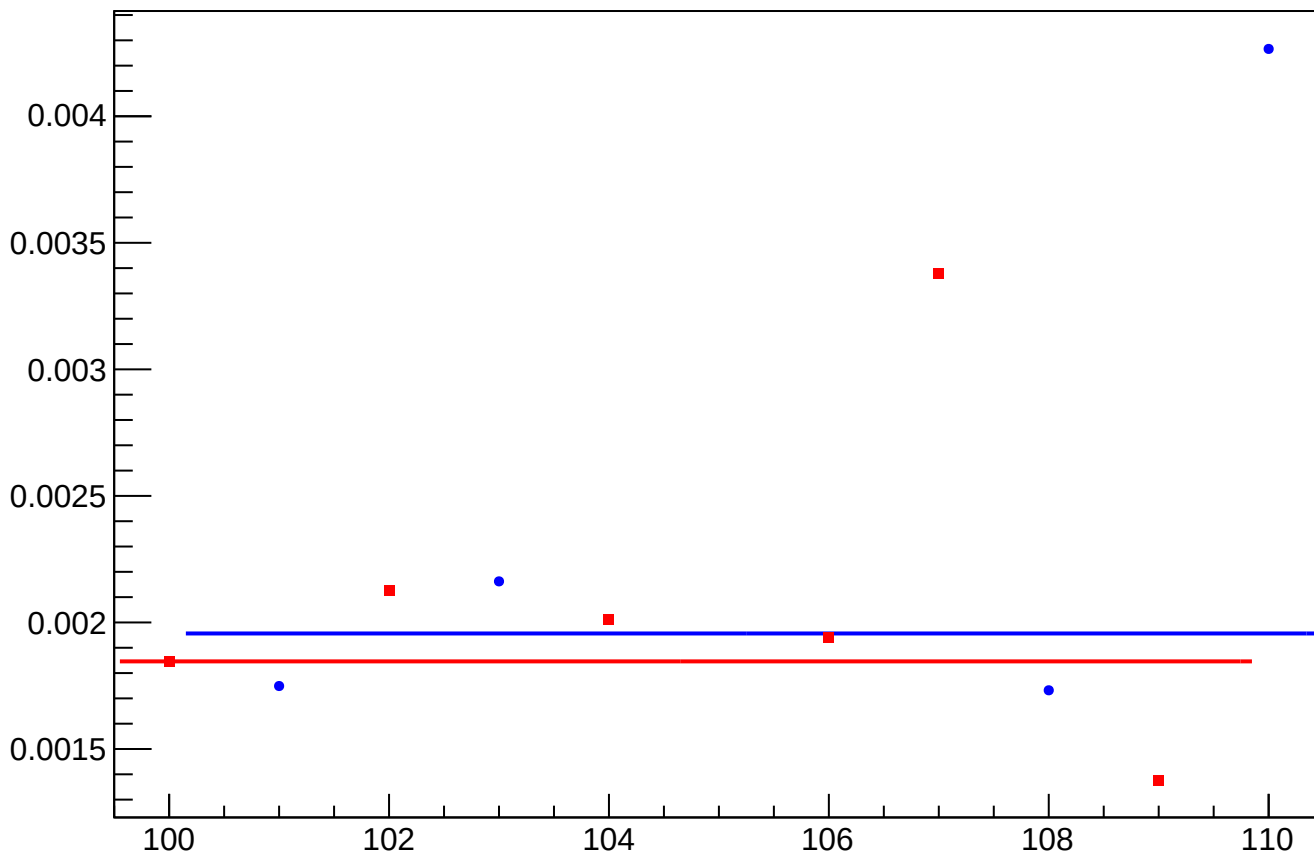
Right: -0.000+/-0.000 χ^2/NDF : 12.8/9

In: -0.000+/-0.000 χ^2/NDF : 6.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.8/9

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 261451.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 224069.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

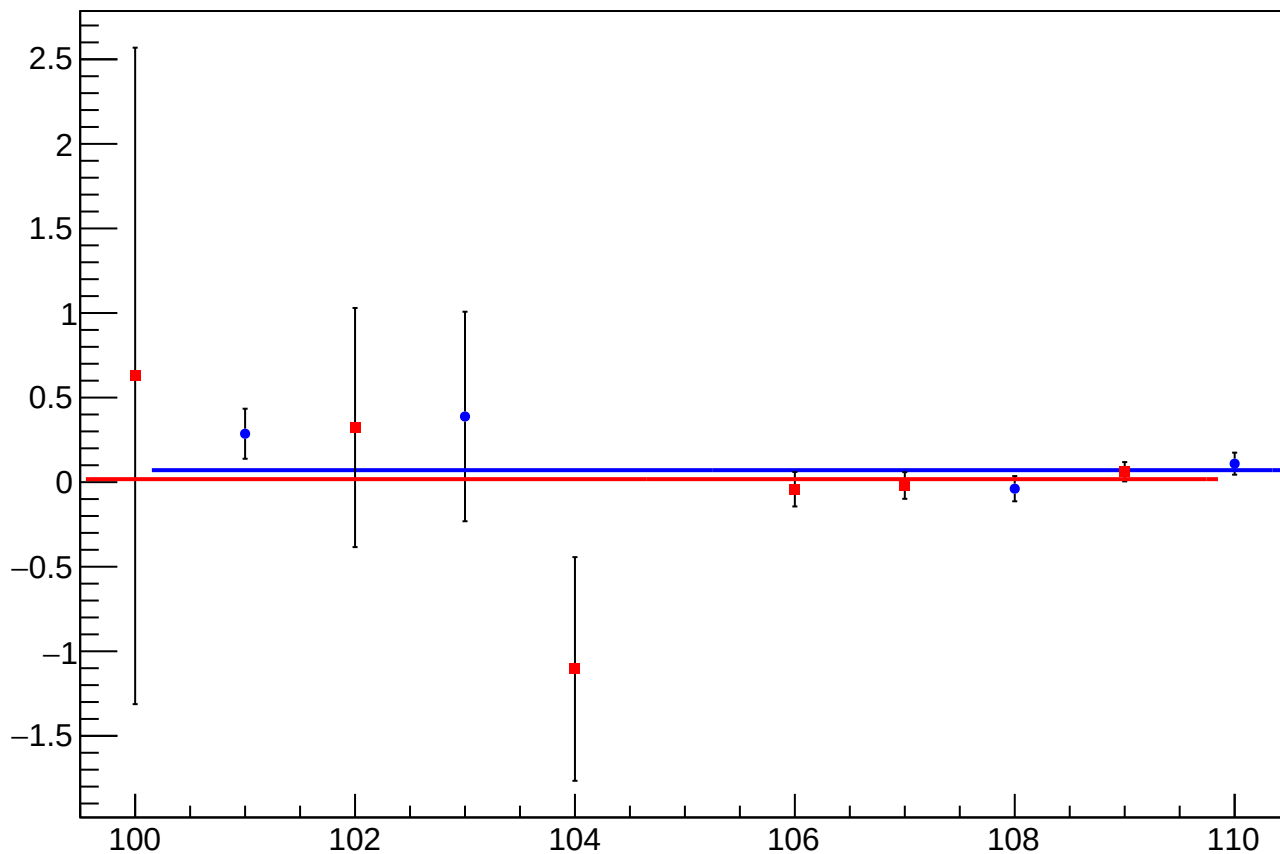
Right: 0.002+/-0.000 χ^2/NDF : 492085.1/9

In: 0.002+/-0.000 χ^2/NDF : 261451.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 492085.1/9

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.071+/-0.046 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.042 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

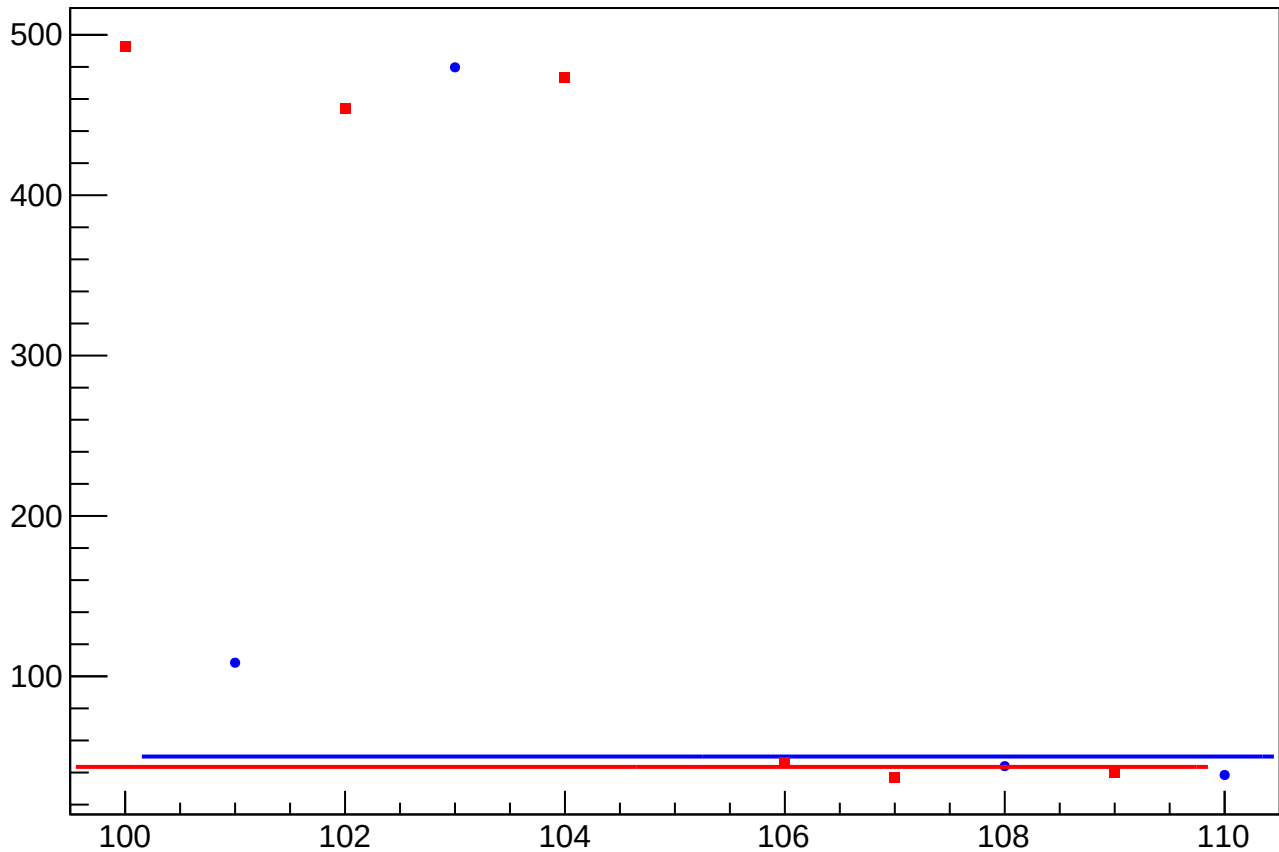
Right: 0.042+/-0.031 χ^2/NDF : 9.9/9

In: 0.071+/-0.046 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.031 χ^2/NDF : 9.9/9

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.982+/-0.033 χ^2/NDF : 1351280.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.525+/-0.030 χ^2/NDF : 1650321.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

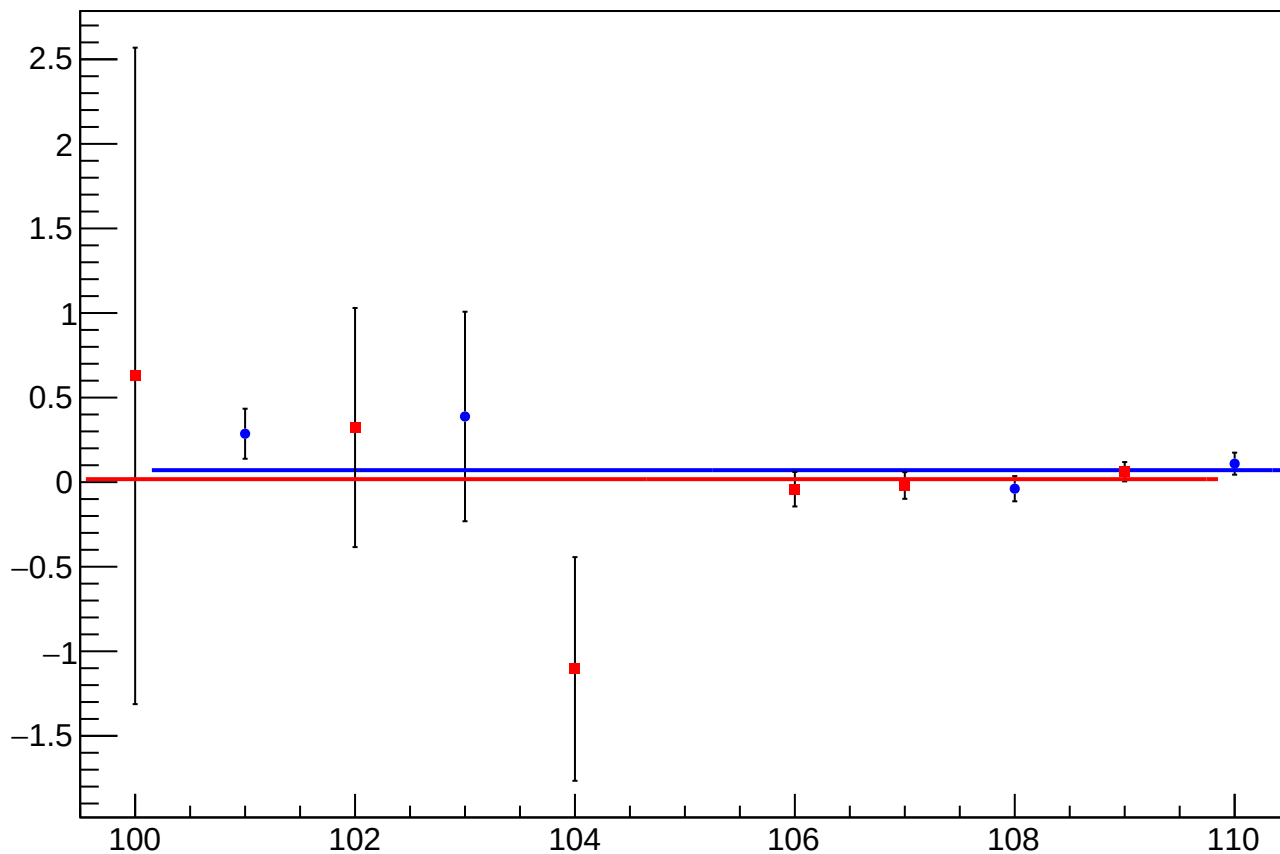
Right: 46.427+/-0.022 χ^2/NDF : 3022911.9/9

In: 49.982+/-0.033 χ^2/NDF : 1351280.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.427+/-0.022 χ^2/NDF : 3022911.9/9

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.071+/-0.046 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.042 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

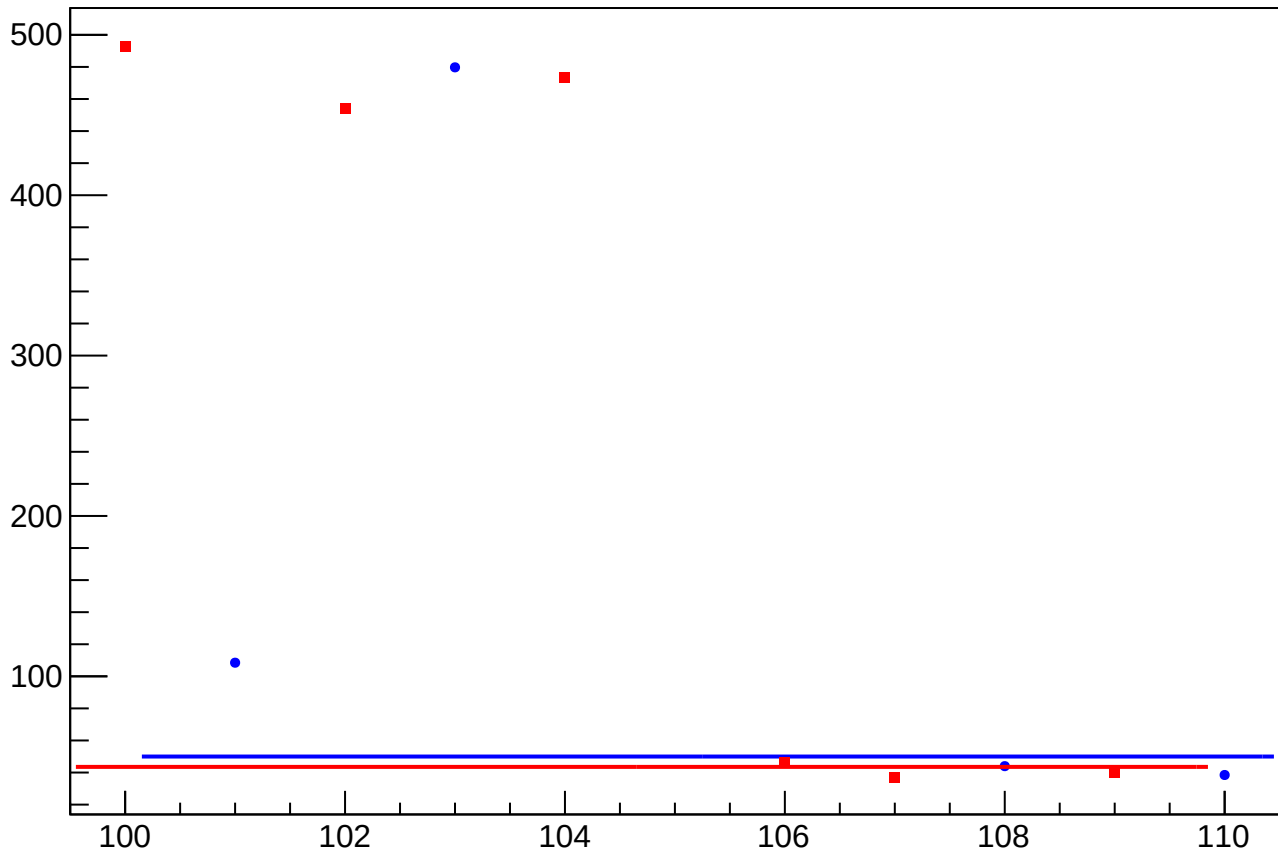
Right: 0.042+/-0.031 χ^2/NDF : 9.9/9

In: 0.071+/-0.046 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.031 χ^2/NDF : 9.9/9

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.982 $\pm$ 0.033 χ^2 /NDF: 1351280.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.525 $\pm$ 0.030 χ^2 /NDF: 1650321.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

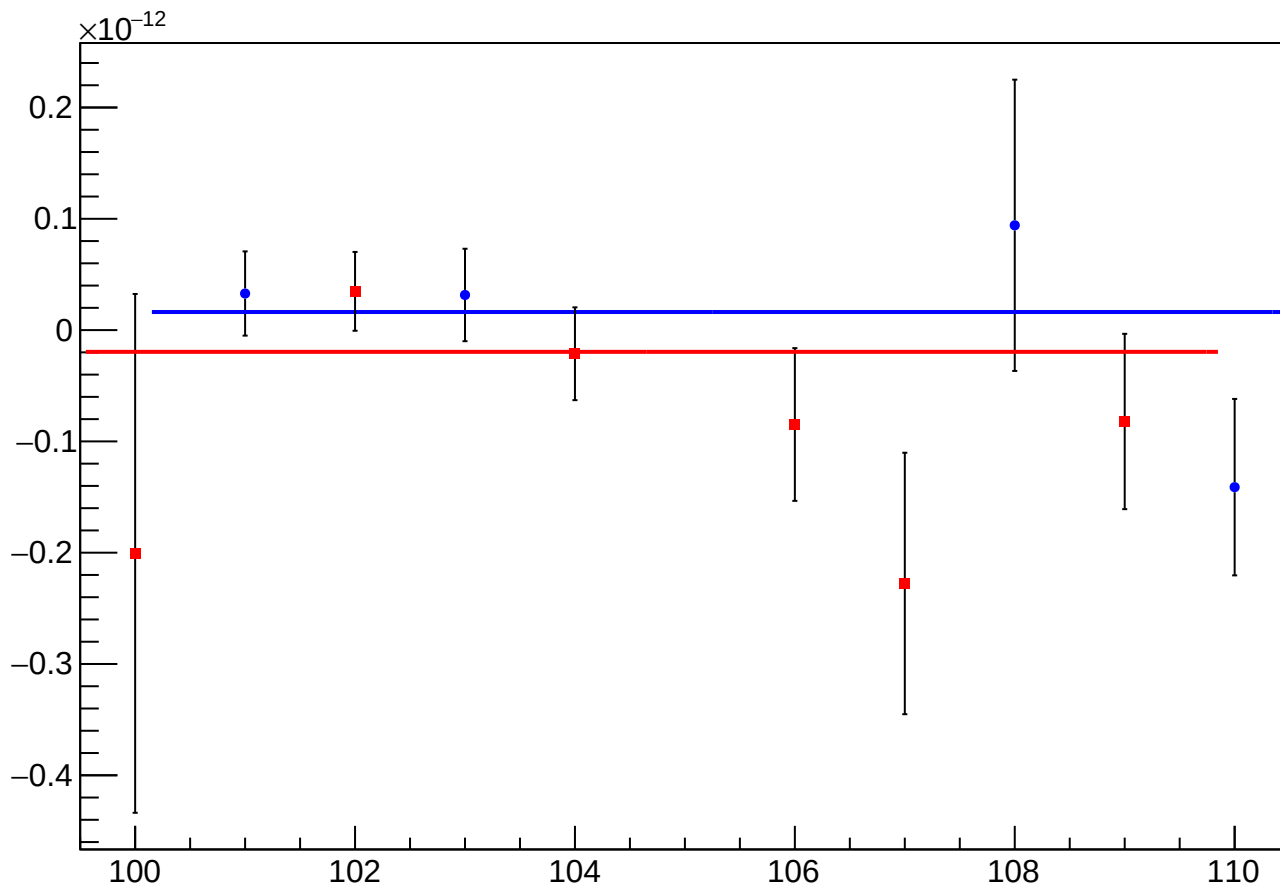
Right: 46.427 $\pm$ 0.022 χ^2 /NDF: 3022911.9/9

In: 49.982 $\pm$ 0.033 χ^2 /NDF:1351280.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 46.427 $\pm$ 0.022 χ^2 /NDF: 3022911.9/9

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

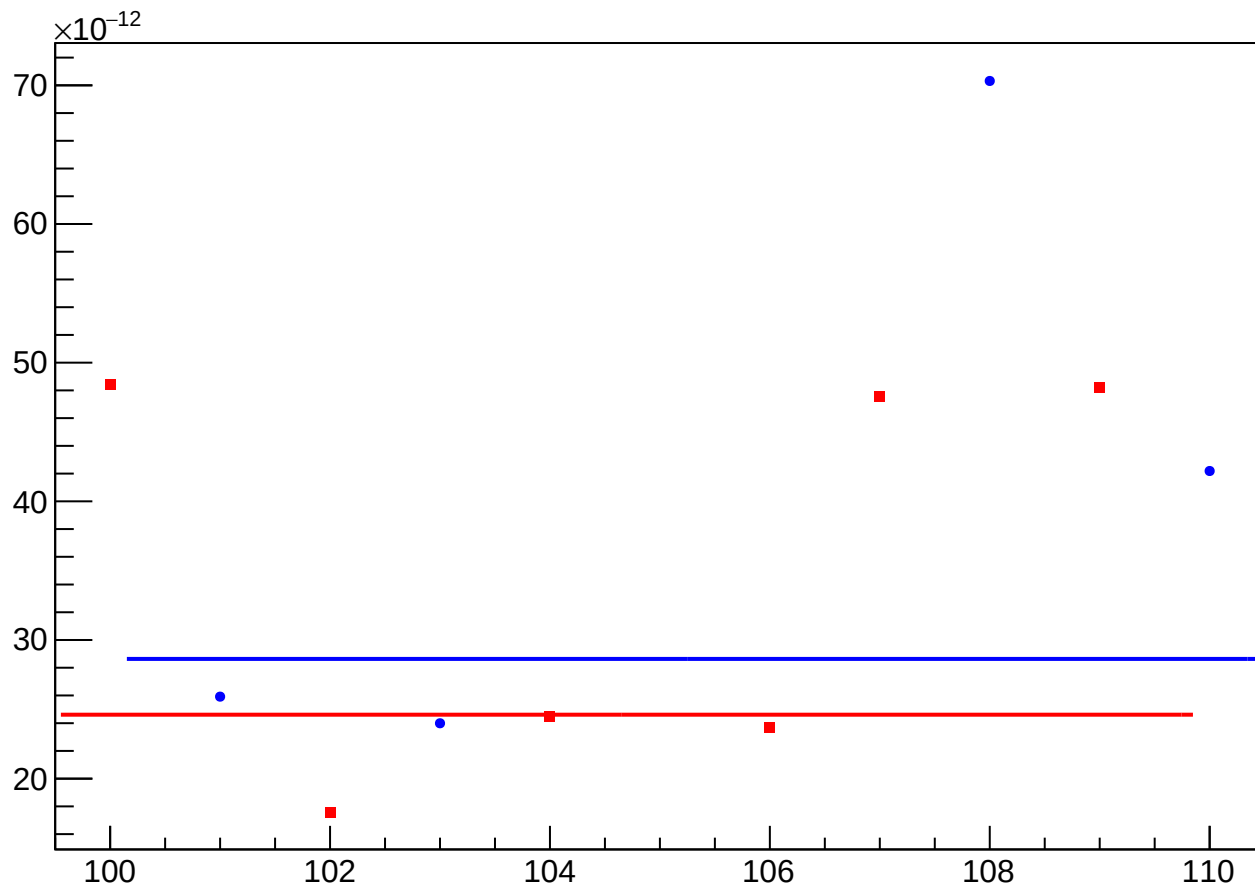
Right: -0.000+/-0.000 χ^2/NDF : 13.3/9

In: 0.000+/-0.000 χ^2/NDF : 4.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.3/9

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 296703.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 356636.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

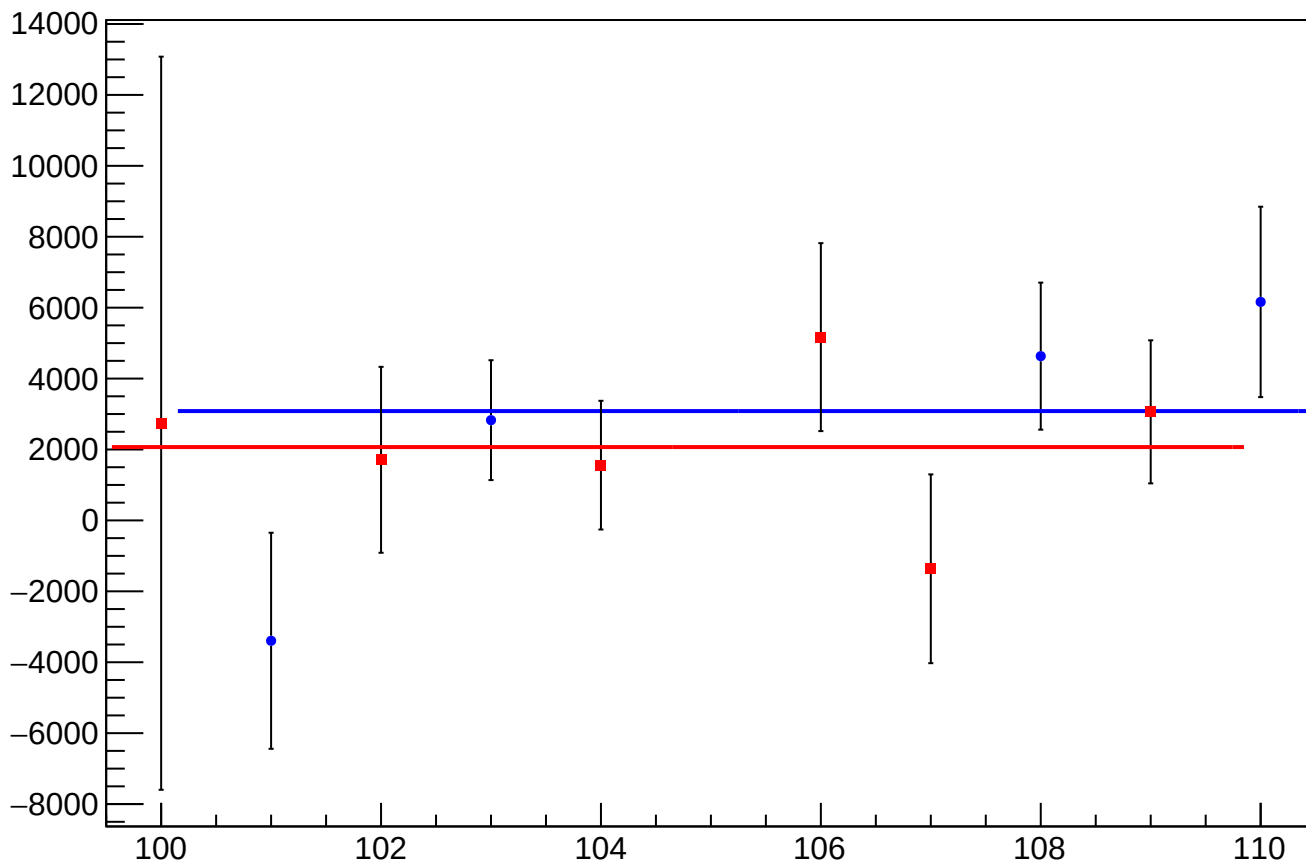
Right: 0.000+/-0.000 χ^2/NDF : 680025.3/9

In: 0.000+/-0.000 χ^2/NDF : 296703.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 680025.3/9

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3083.450+/-1098.244 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2068.541+/-1006.299 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

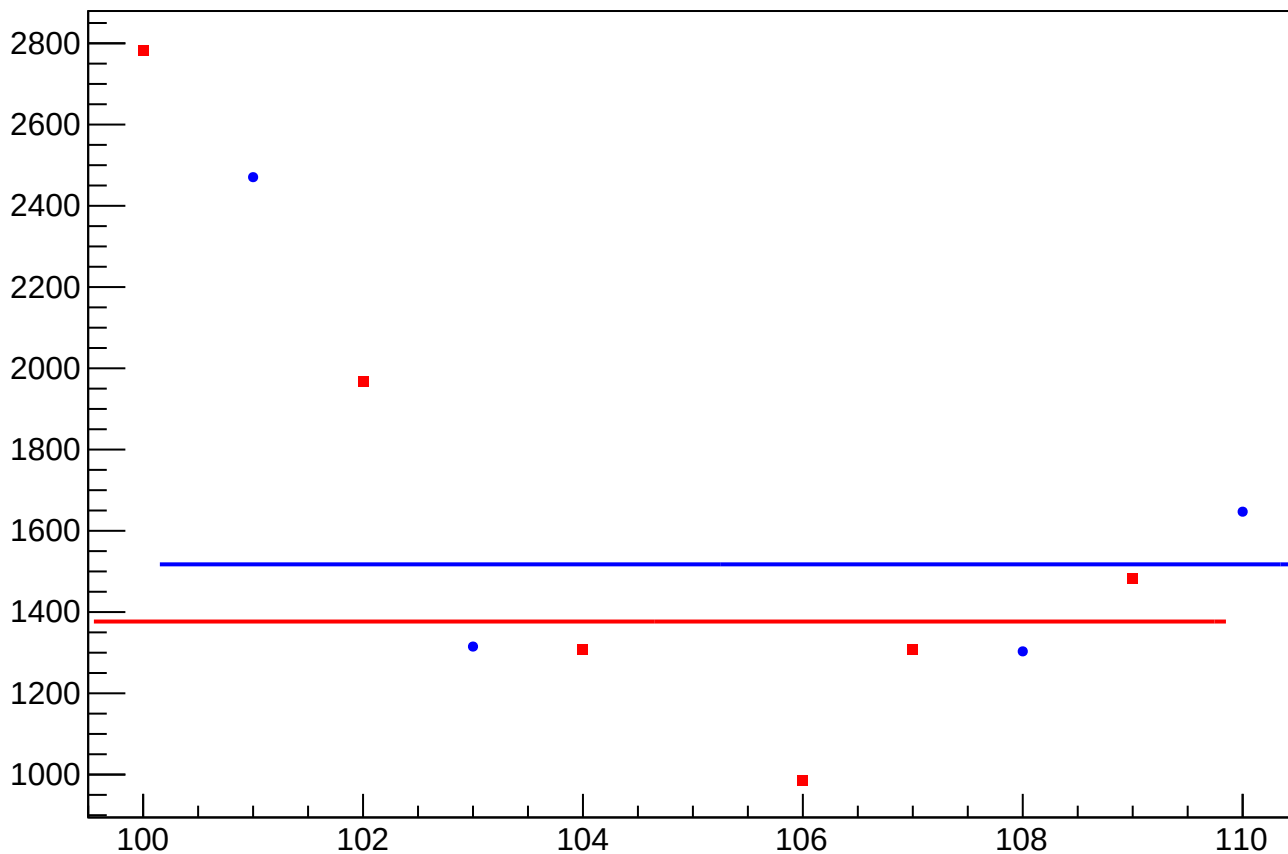
Right: 2531.739+/-741.940 χ^2/NDF : 10.3/9

In: 3083.450+/-1098.244 χ^2/NDF : 6.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2531.739+/-741.940 χ^2/NDF : 10.3/9

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1517.457+/-0.777 χ^2/NDF : 250372.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1376.704+/-0.678 χ^2/NDF : 221610.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

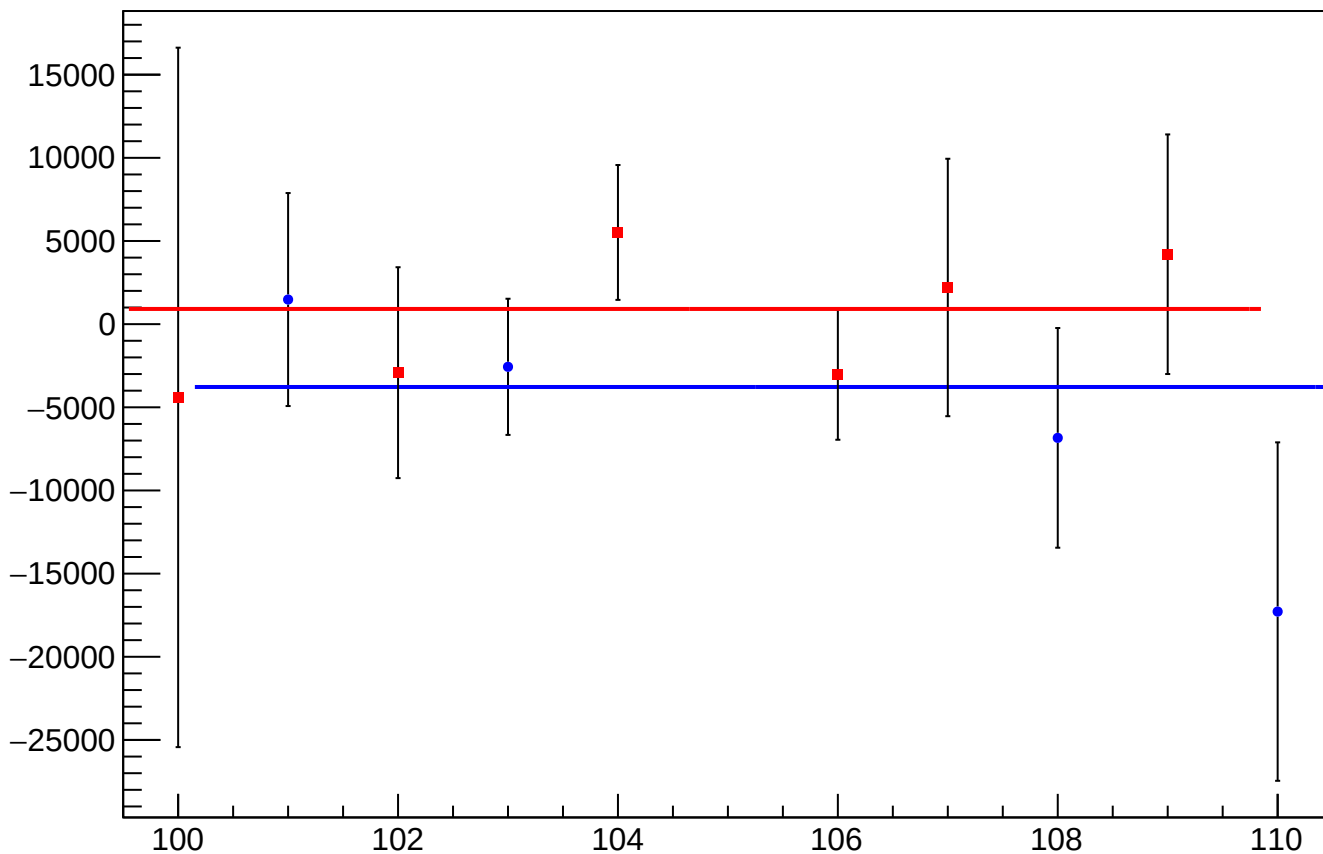
Right: 1437.622+/-0.511 χ^2/NDF : 490615.6/9

In: 1517.457+/-0.777 χ^2/NDF : 250372.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1437.622+/-0.511 χ^2/NDF : 490615.6/9

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3778.177+/-2927.865 χ^2 /NDF: 2.7/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 914.228+/-2299.466 χ^2 /NDF: 3.0/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

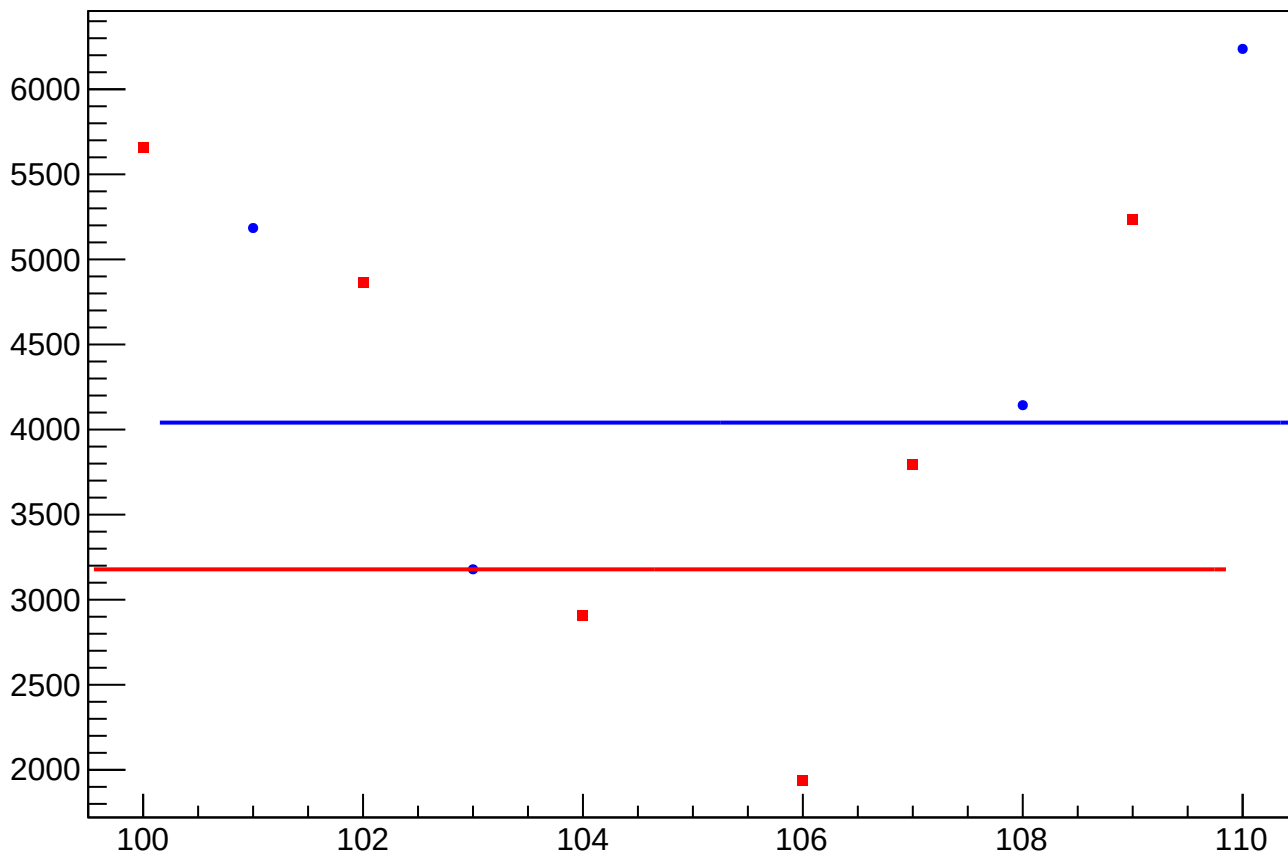
Right: -875.917+/-1808.412 χ^2 /NDF: 7.3/9

In: -3778.177+/-2927.865 χ^2 /NDF:2.7/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -875.917+/-1808.412 χ^2 /NDF: 7.3/9

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4040.900+/-2.070 χ^2/NDF : 246184.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3178.436+/-1.626 χ^2/NDF : 553618.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

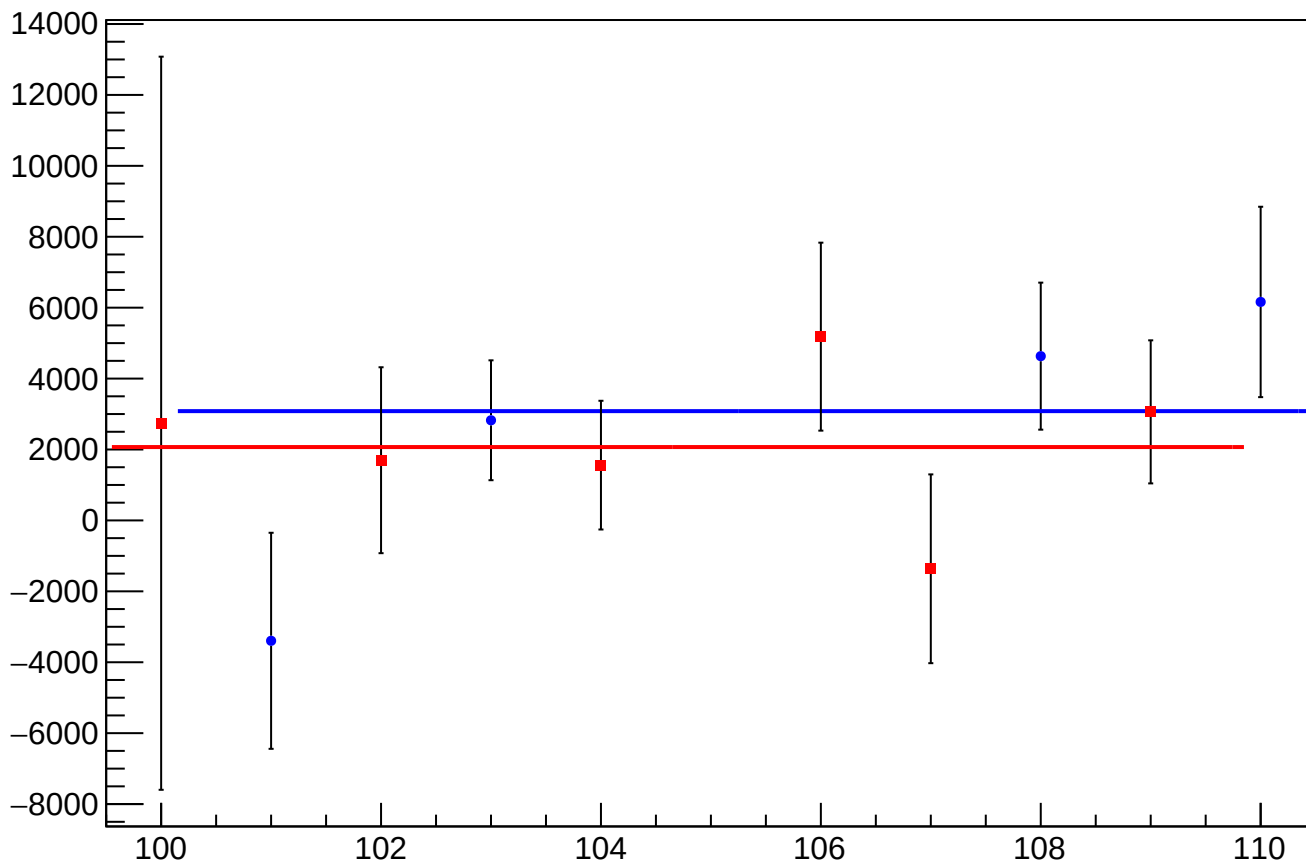
Right: 3507.465+/-1.279 χ^2/NDF : 907139.8/9

In: 4040.900+/-2.070 χ^2/NDF : 246184.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3507.465+/-1.279 χ^2/NDF : 907139.8/9

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3082.138+/-1098.245 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2069.010+/-1006.313 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

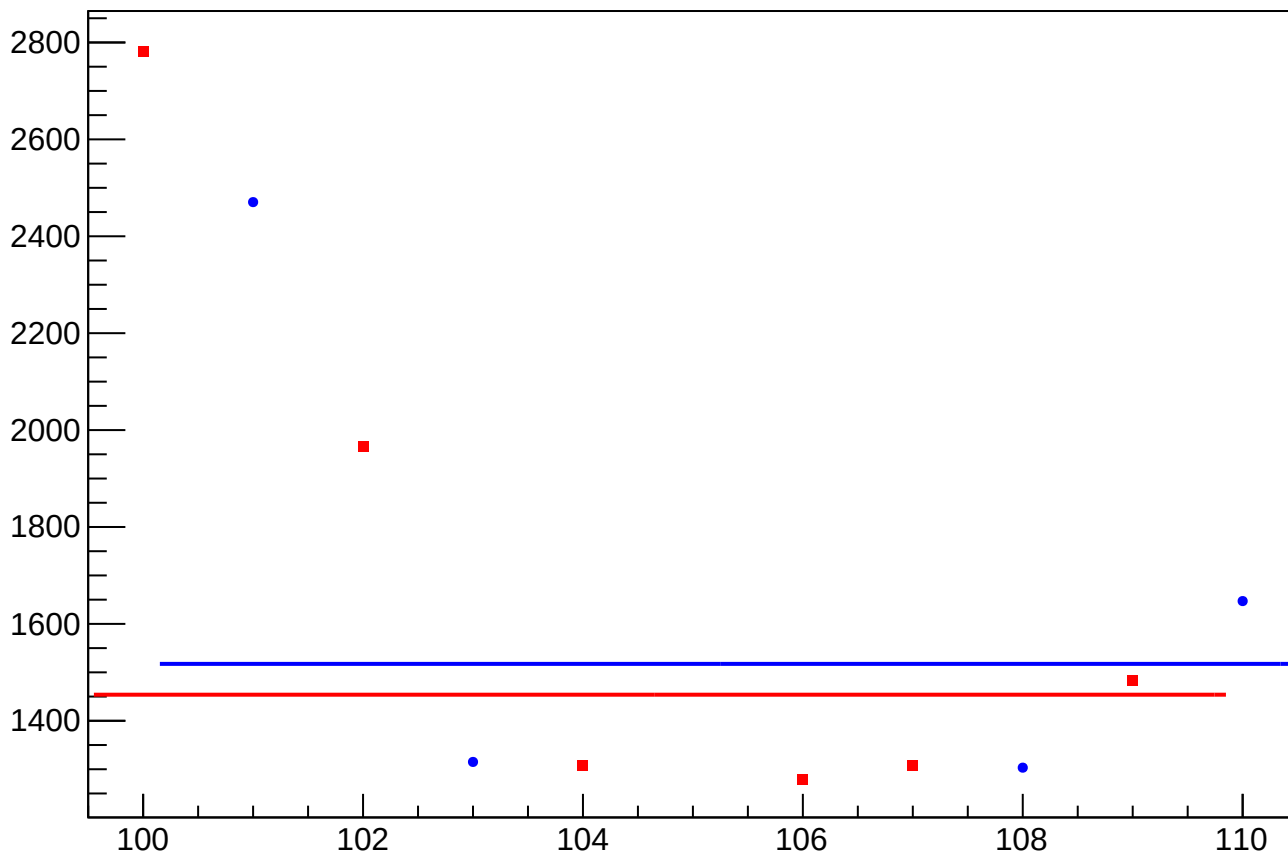
Right: 2531.403+/-741.946 χ^2/NDF : 10.3/9

In: 3082.138+/-1098.245 χ^2/NDF : 6.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2531.403+/-741.946 χ^2/NDF : 10.3/9

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1517.458+/-0.777 χ^2/NDF : 250371.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1453.858+/-0.703 χ^2/NDF : 139151.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

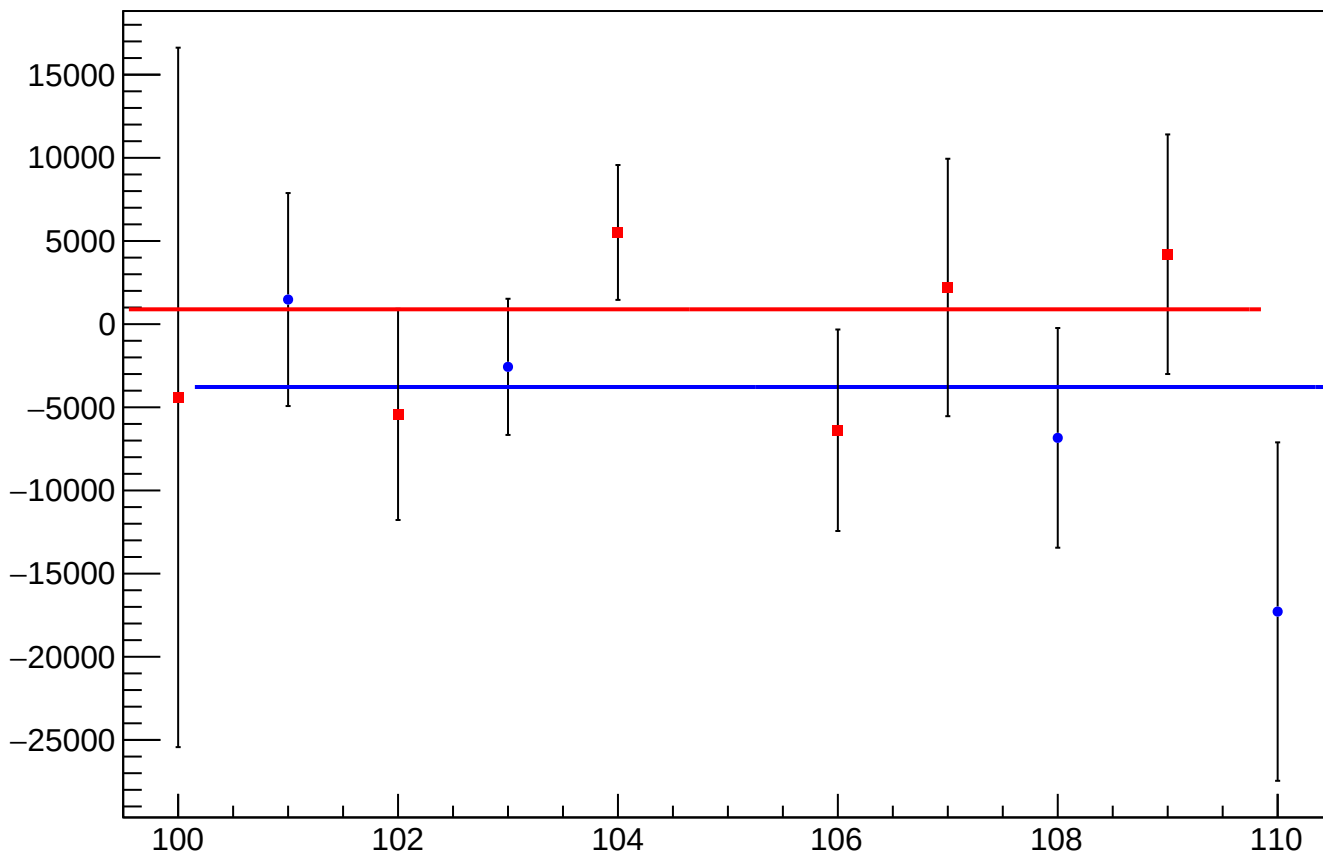
Right: 1482.523+/-0.521 χ^2/NDF : 393207.6/9

In: 1517.458+/-0.777 χ^2/NDF : 250371.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1482.523+/-0.521 χ^2/NDF : 393207.6/9

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3779.141+/-2928.015 χ^2/NDF : 2.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 892.071+/-2572.454 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

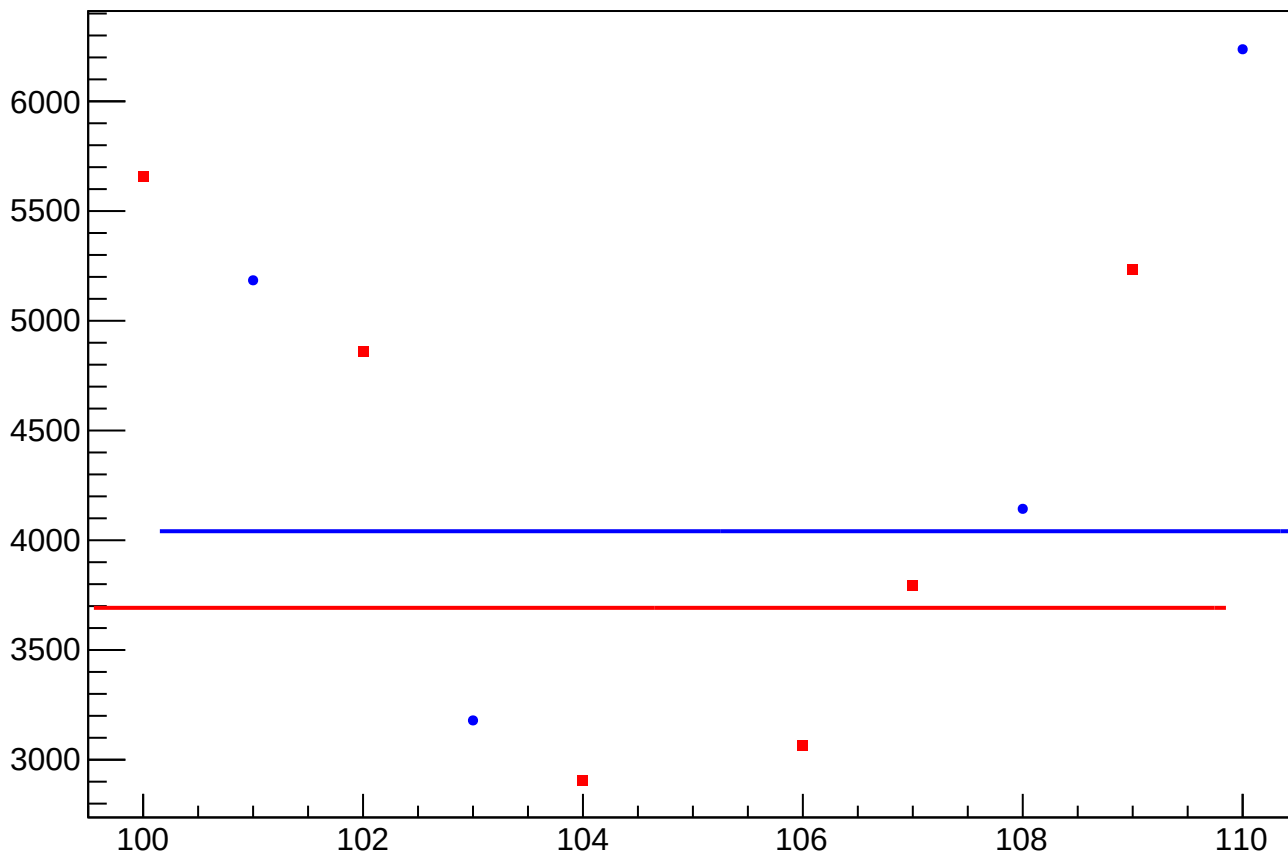
Right: -1142.835+/-1932.550 χ^2/NDF : 8.2/9

In: -3779.141+/-2928.015 χ^2/NDF : 2.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1142.835+/-1932.550 χ^2/NDF : 8.2/9

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4041.166+/-2.070 χ^2/NDF : 246093.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3692.083+/-1.819 χ^2/NDF : 273605.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

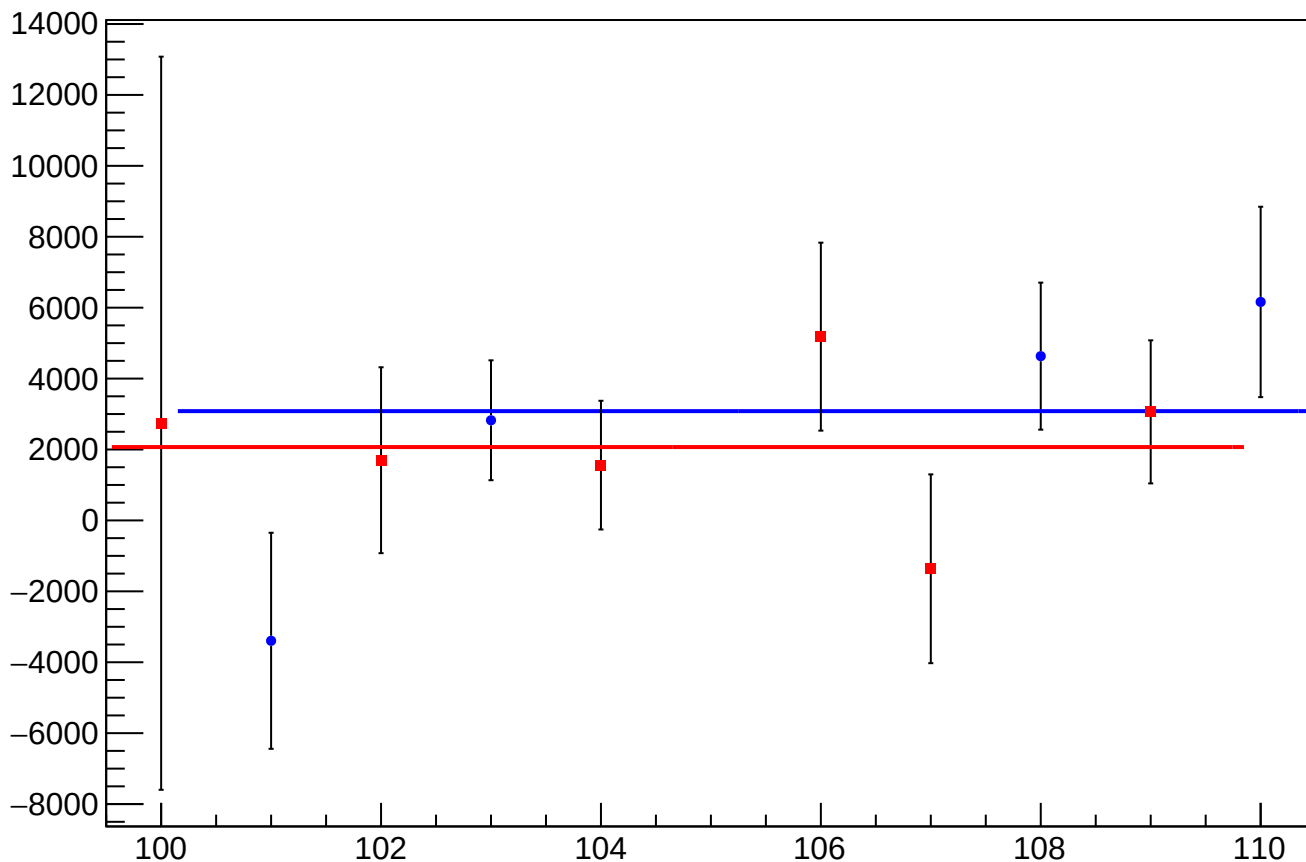
Right: 3844.153+/-1.367 χ^2/NDF : 535742.4/9

In: 4041.166+/-2.070 χ^2/NDF : 246093.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3844.153+/-1.367 χ^2/NDF : 535742.4/9

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3082.138+/-1098.245 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2069.010+/-1006.313 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

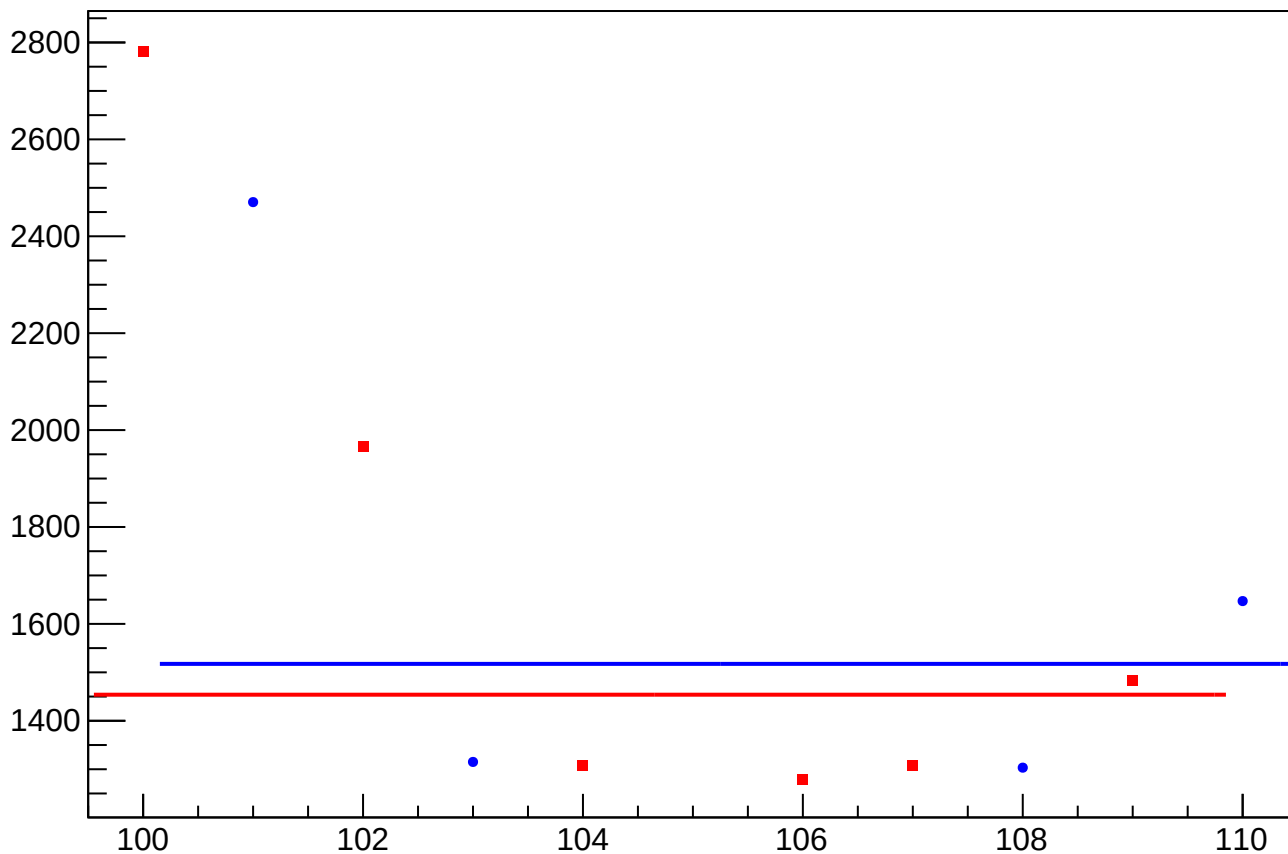
Right: 2531.403+/-741.946 χ^2/NDF : 10.3/9

In: 3082.138+/-1098.245 χ^2/NDF : 6.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2531.403+/-741.946 χ^2/NDF : 10.3/9

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1517.458+/-0.777 χ^2/NDF : 250371.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1453.858+/-0.703 χ^2/NDF : 139151.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

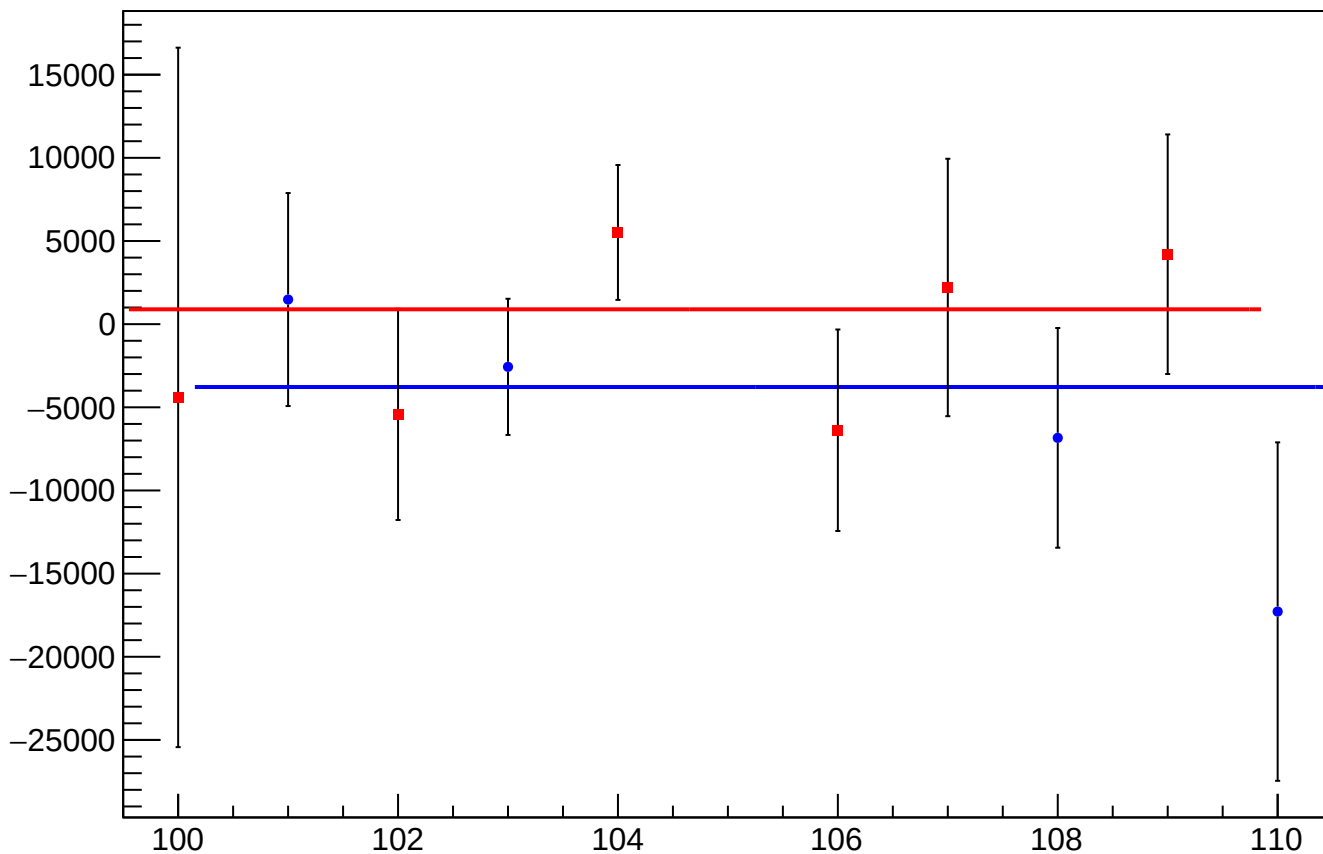
Right: 1482.523+/-0.521 χ^2/NDF : 393207.6/9

In: 1517.458+/-0.777 χ^2/NDF : 250371.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1482.523+/-0.521 χ^2/NDF : 393207.6/9

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3779.141+/-2928.015 χ^2/NDF : 2.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 892.071+/-2572.454 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

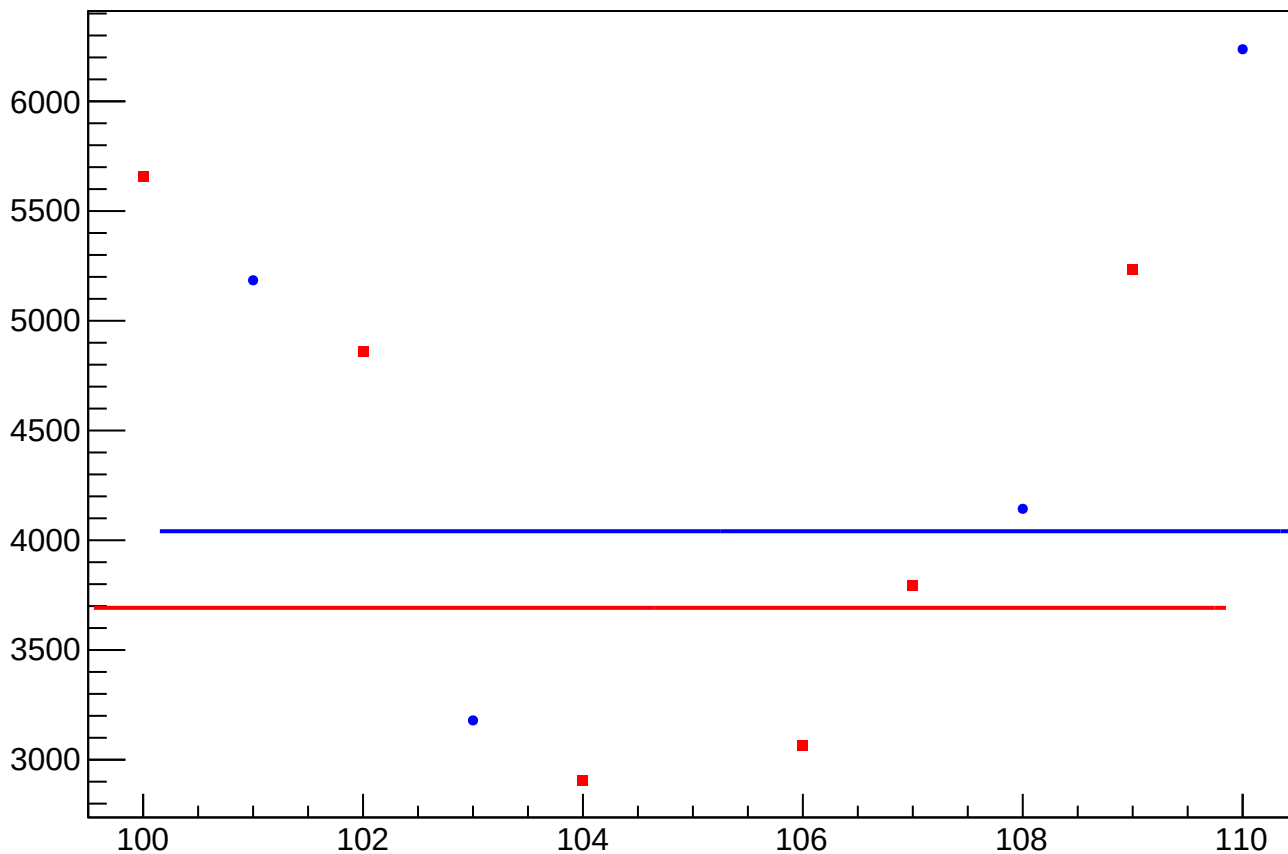
Right: -1142.835+/-1932.550 χ^2/NDF : 8.2/9

In: -3779.141+/-2928.015 χ^2/NDF : 2.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1142.835+/-1932.550 χ^2/NDF : 8.2/9

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4041.166+/-2.070 χ^2/NDF : 246093.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3692.083+/-1.819 χ^2/NDF : 273605.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

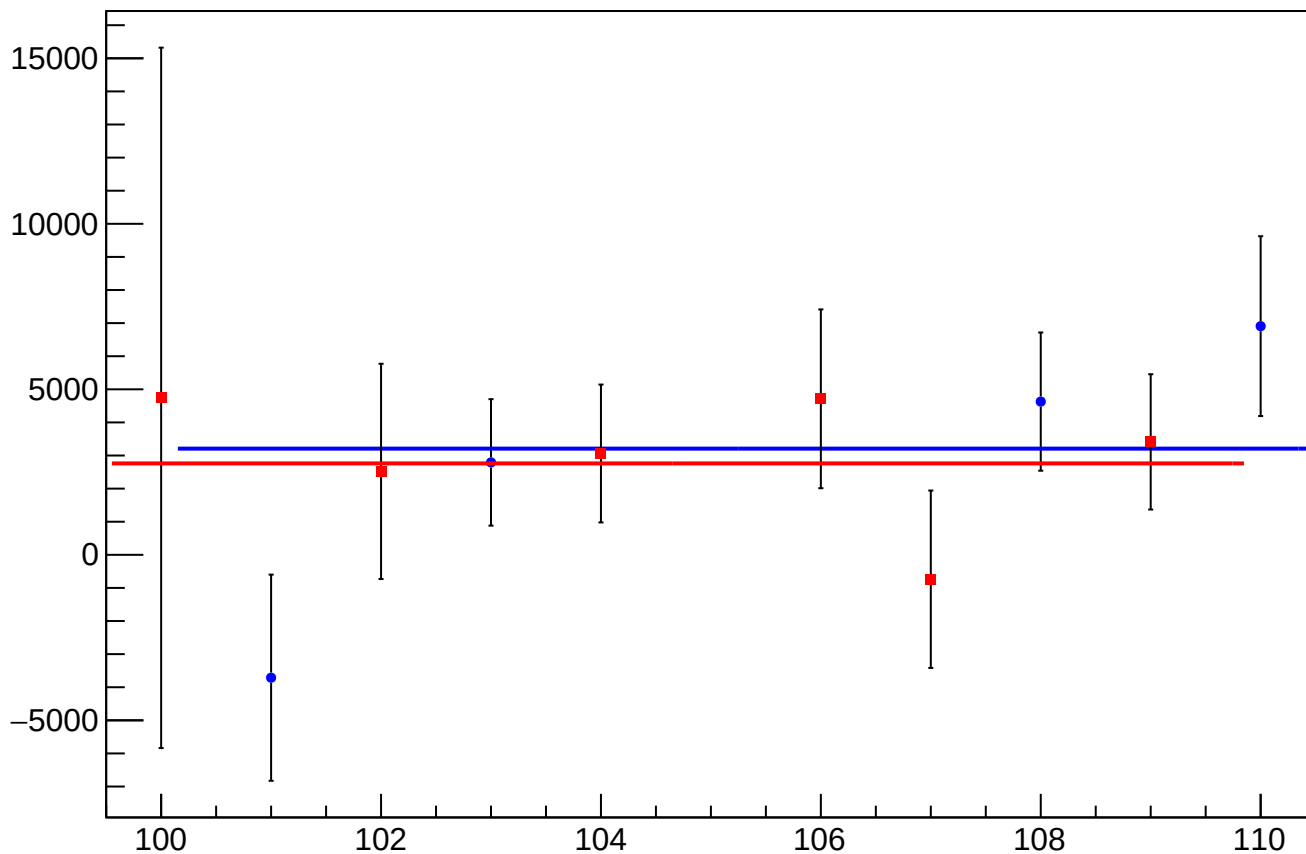
Right: 3844.153+/-1.367 χ^2/NDF : 535742.4/9

In: 4041.166+/-2.070 χ^2/NDF : 246093.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3844.153+/-1.367 χ^2/NDF : 535742.4/9

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3208.196+/-1160.913 χ^2/NDF : 7.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2761.406+/-1084.673 χ^2/NDF : 2.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

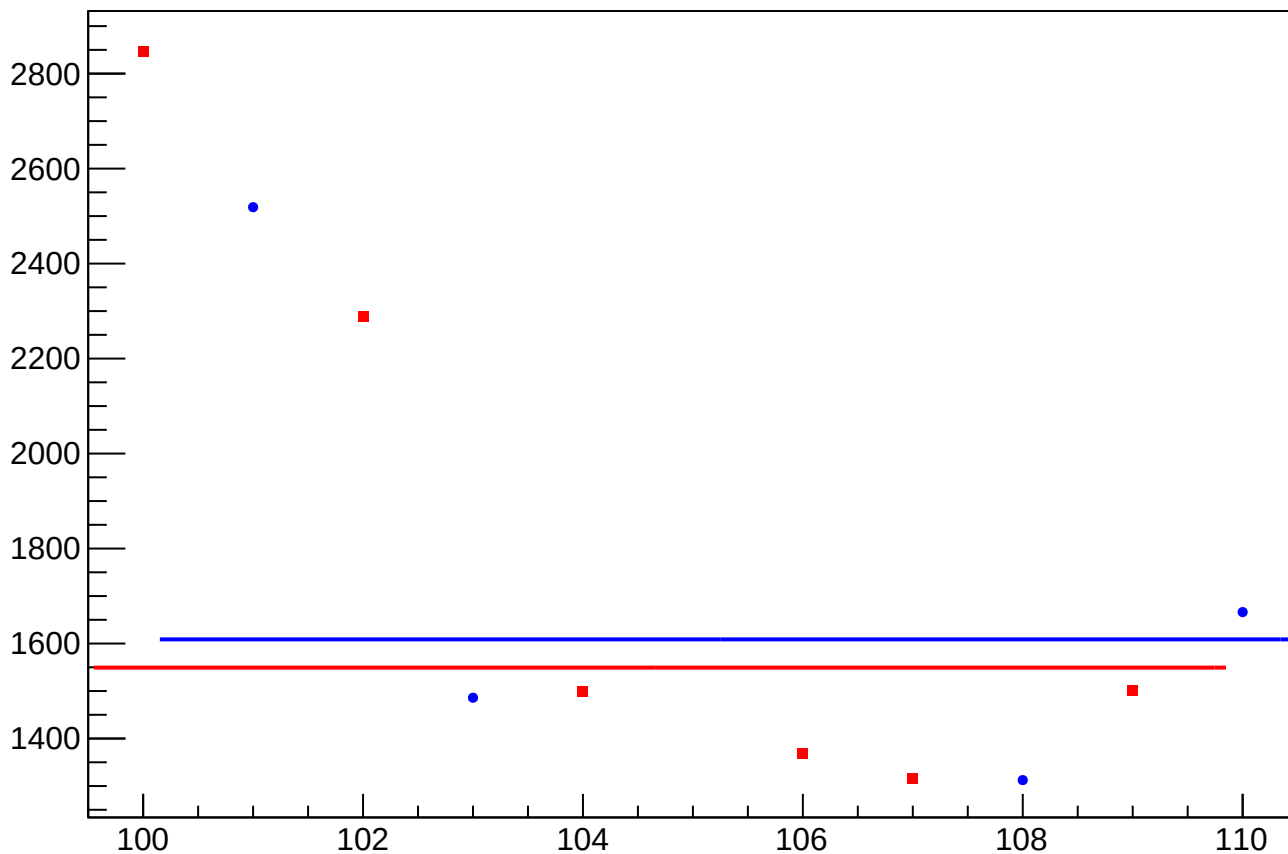
Right: 2969.649+/-792.563 χ^2/NDF : 9.8/9

In: 3208.196+/-1160.913 χ^2/NDF : 7.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2969.649+/-792.563 χ^2/NDF : 9.8/9

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1608.759+/-0.821 χ^2/NDF : 220178.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1549.367+/-0.765 χ^2/NDF : 160004.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

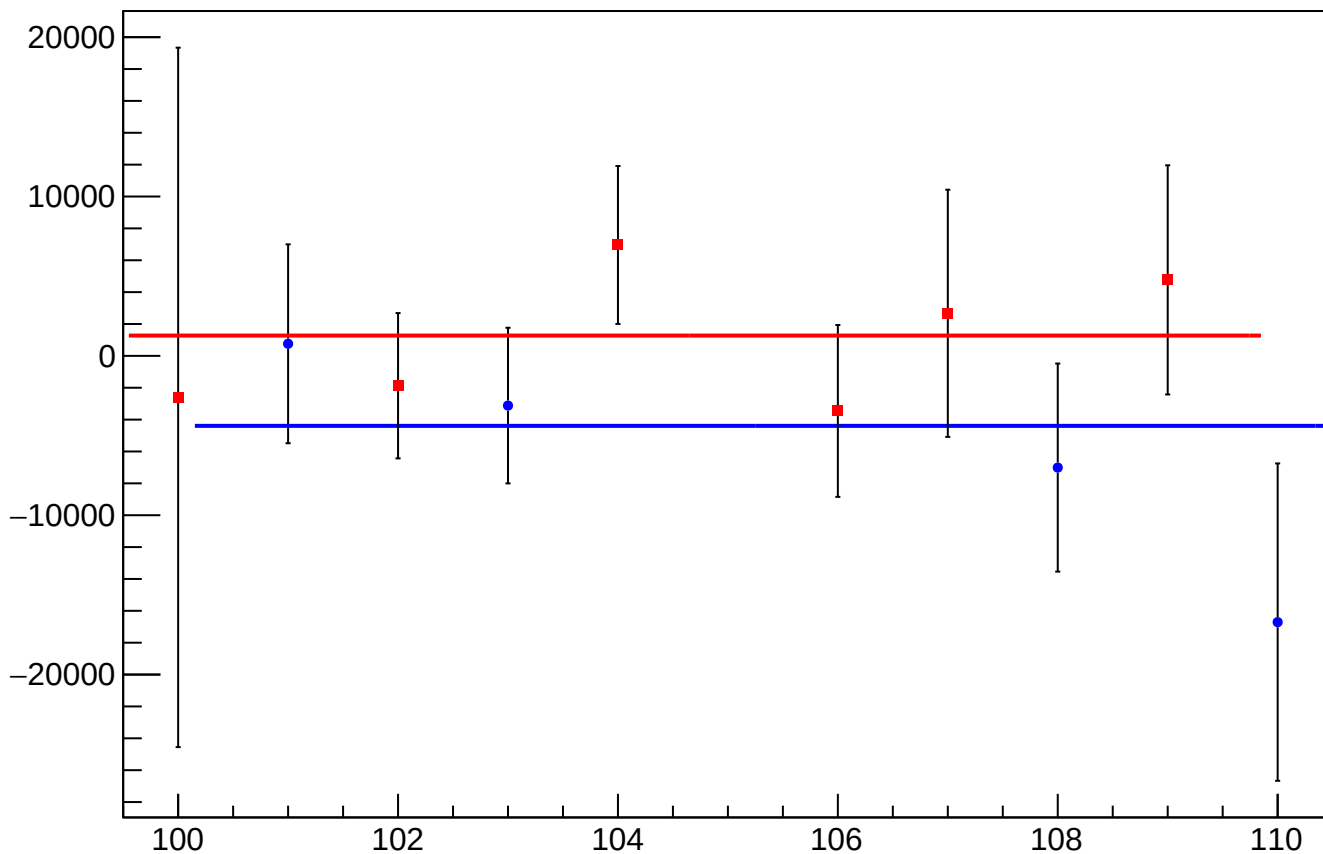
Right: 1576.966+/-0.560 χ^2/NDF : 382984.5/9

In: 1608.759+/-0.821 χ^2/NDF : 220178.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1576.966+/-0.560 χ^2/NDF : 382984.5/9

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4391.914+/-3143.883 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.566+/-2490.297 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

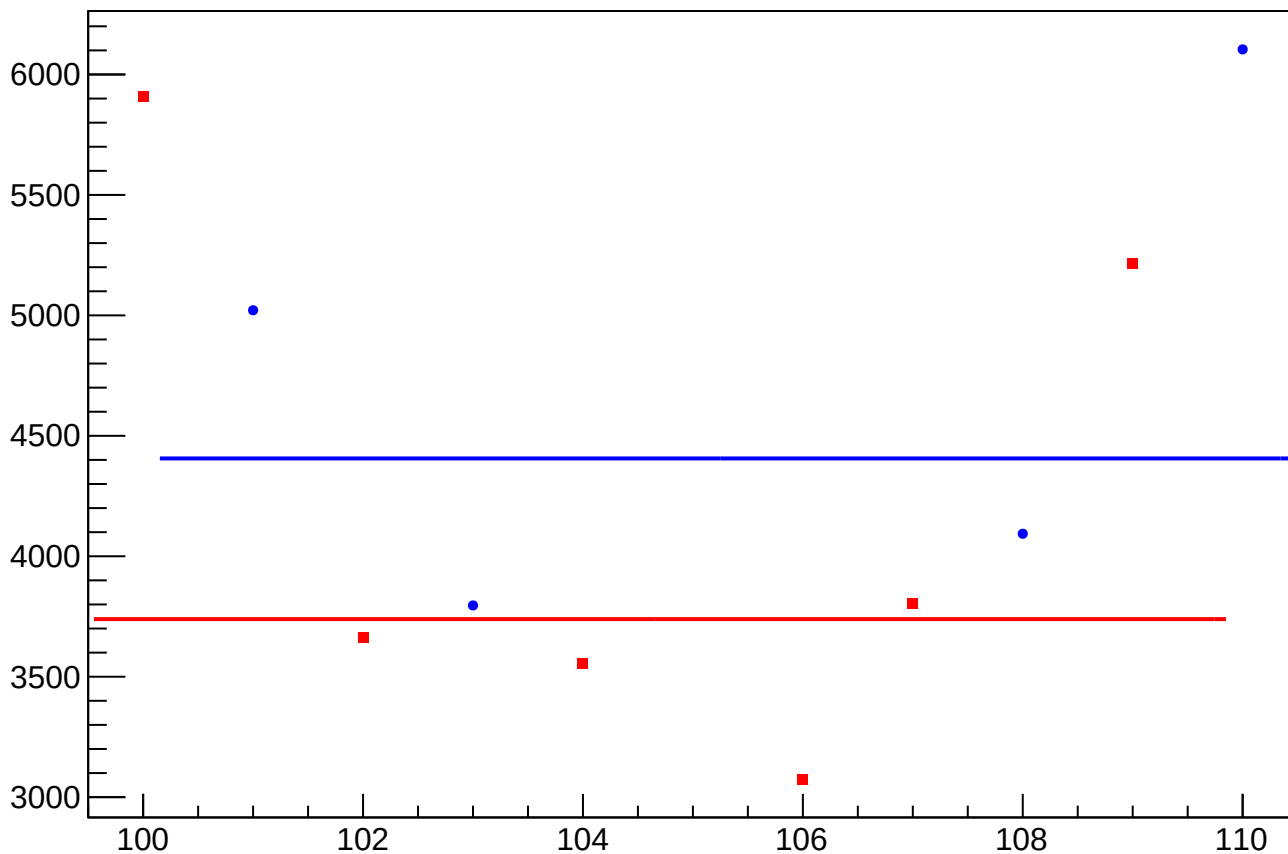
Right: -910.069+/-1952.087 χ^2/NDF : 7.3/9

In: -4391.914+/-3143.883 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -910.069+/-1952.087 χ^2/NDF : 7.3/9

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4406.088+/-2.223 χ^2/NDF : 113426.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3739.226+/-1.761 χ^2/NDF : 137643.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

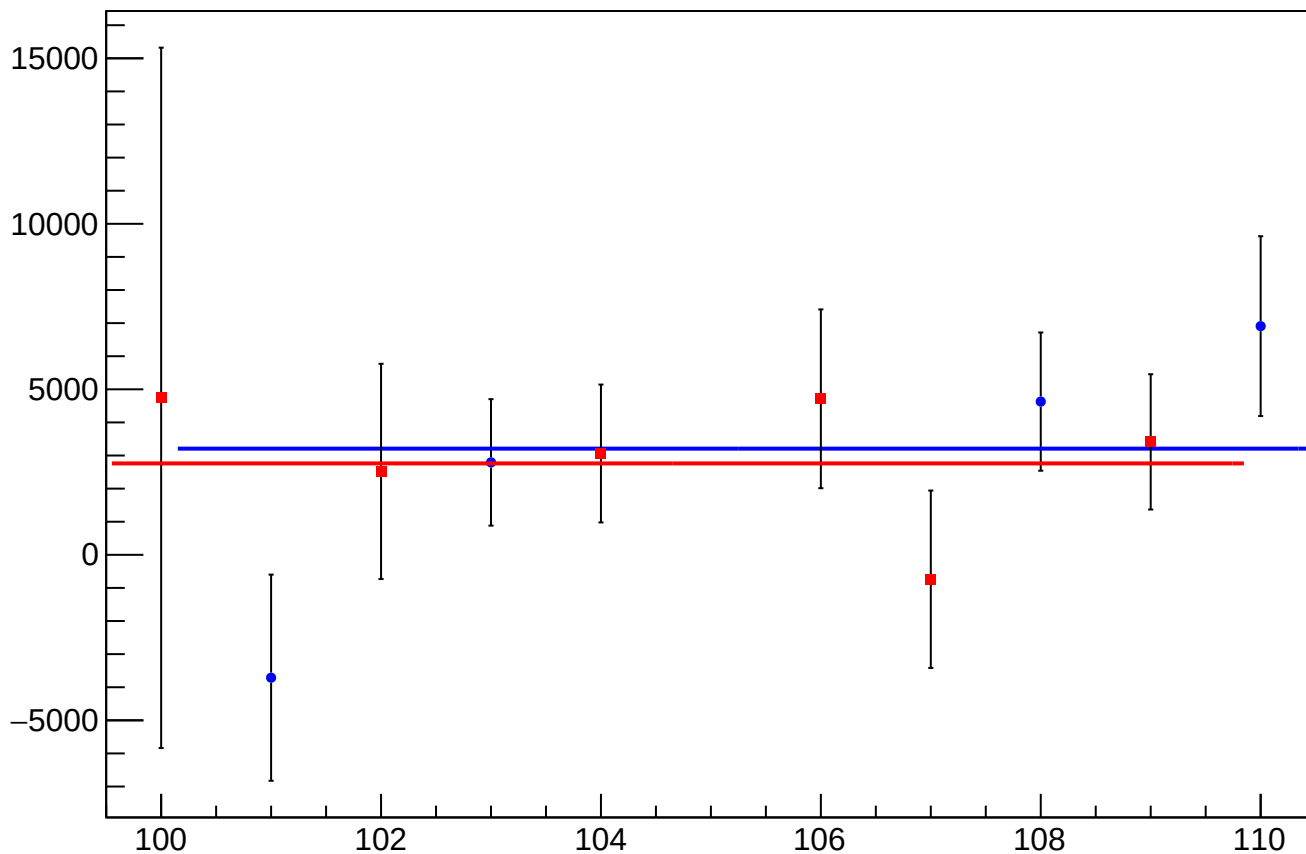
Right: 3996.326+/-1.380 χ^2/NDF : 306362.0/9

In: 4406.088+/-2.223 χ^2/NDF : 113426.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3996.326+/-1.380 χ^2/NDF : 306362.0/9

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3208.196+/-1160.913 χ^2/NDF : 7.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2761.399+/-1084.673 χ^2/NDF : 2.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

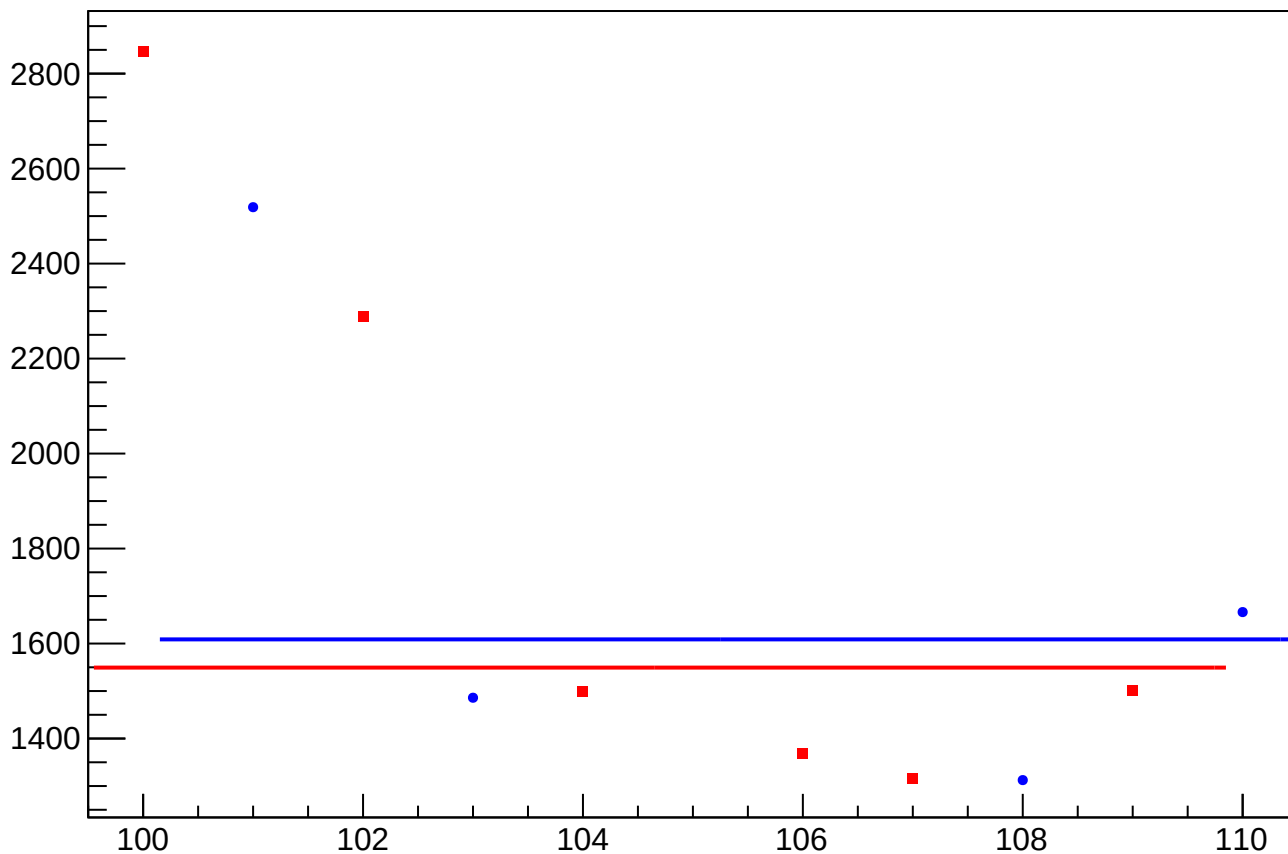
Right: 2969.646+/-792.563 χ^2/NDF : 9.8/9

In: 3208.196+/-1160.913 χ^2/NDF : 7.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2969.646+/-792.563 χ^2/NDF : 9.8/9

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1608.758+/-0.821 χ^2/NDF : 220178.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1549.367+/-0.765 χ^2/NDF : 160003.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

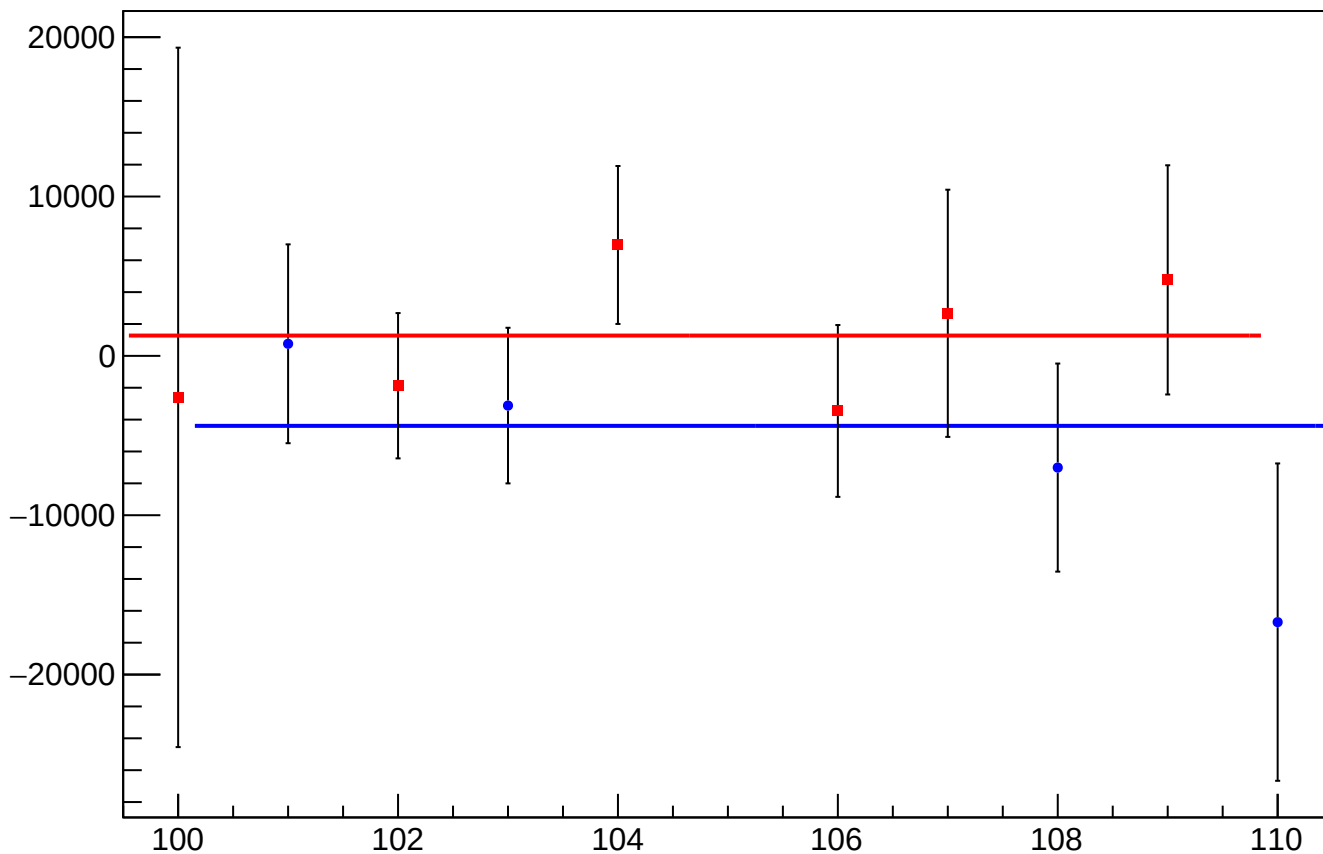
Right: 1576.966+/-0.560 χ^2/NDF : 382984.5/9

In: 1608.758+/-0.821 χ^2/NDF : 220178.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1576.966+/-0.560 χ^2/NDF : 382984.5/9

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4391.920+/-3143.881 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.562+/-2490.294 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

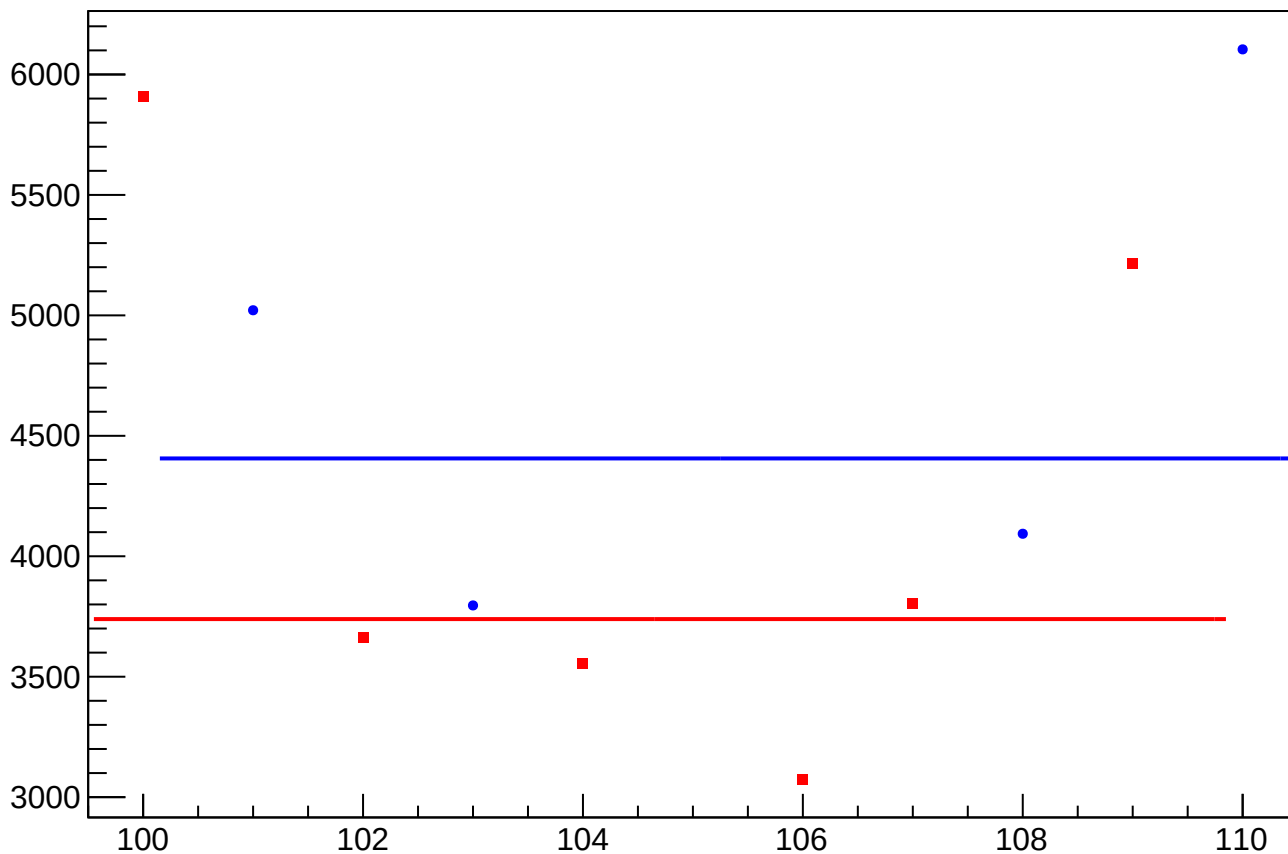
Right: -910.073+/-1952.085 χ^2/NDF : 7.3/9

In: -4391.920+/-3143.881 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -910.073+/-1952.085 χ^2/NDF : 7.3/9

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4406.086+/-2.223 χ^2/NDF : 113425.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3739.222+/-1.761 χ^2/NDF : 137643.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

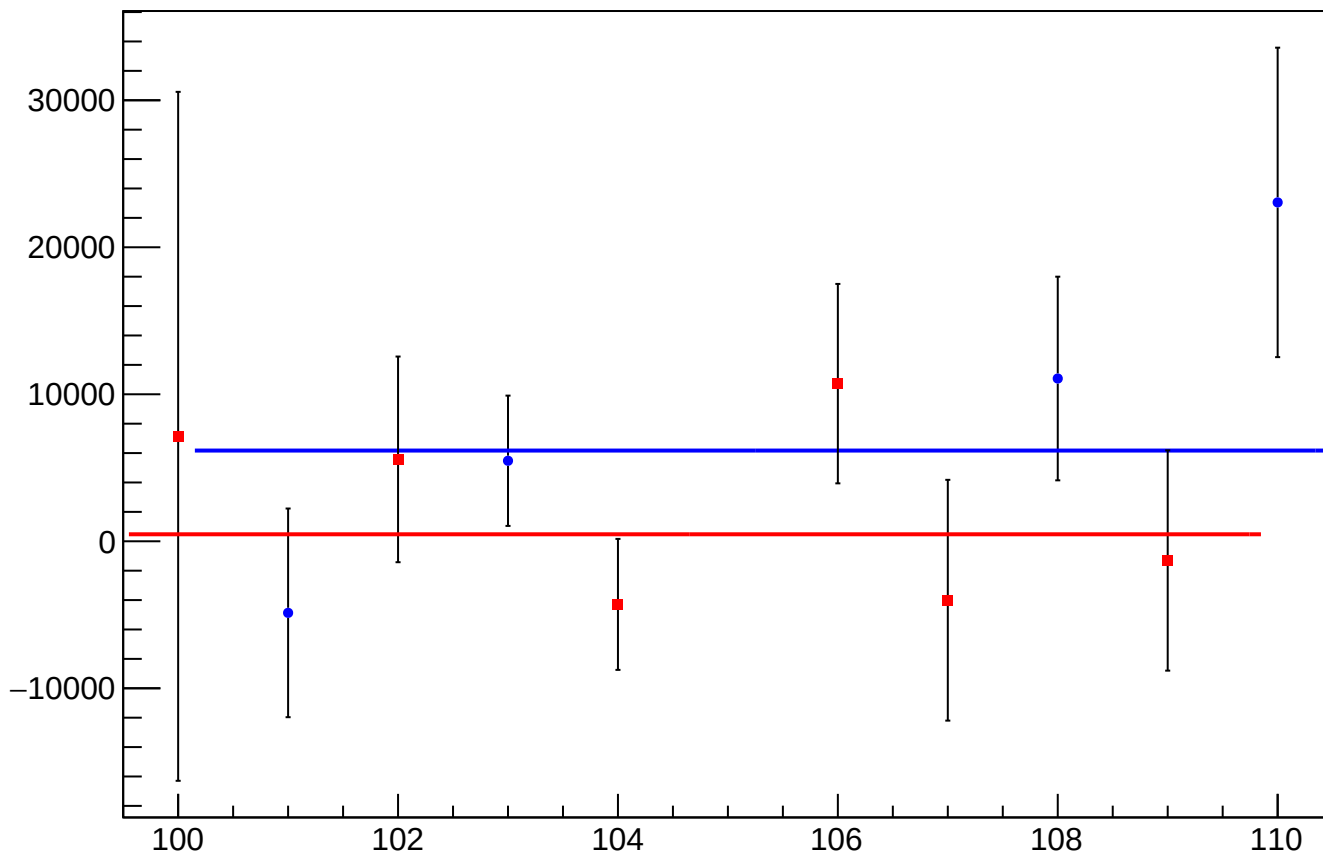
Right: 3996.323+/-1.380 χ^2/NDF : 306361.4/9

In: 4406.086+/-2.223 χ^2/NDF : 113425.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3996.323+/-1.380 χ^2/NDF : 306361.4/9

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 6171.471+/-3152.356 χ^2/NDF : 5.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.028+/-2804.944 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

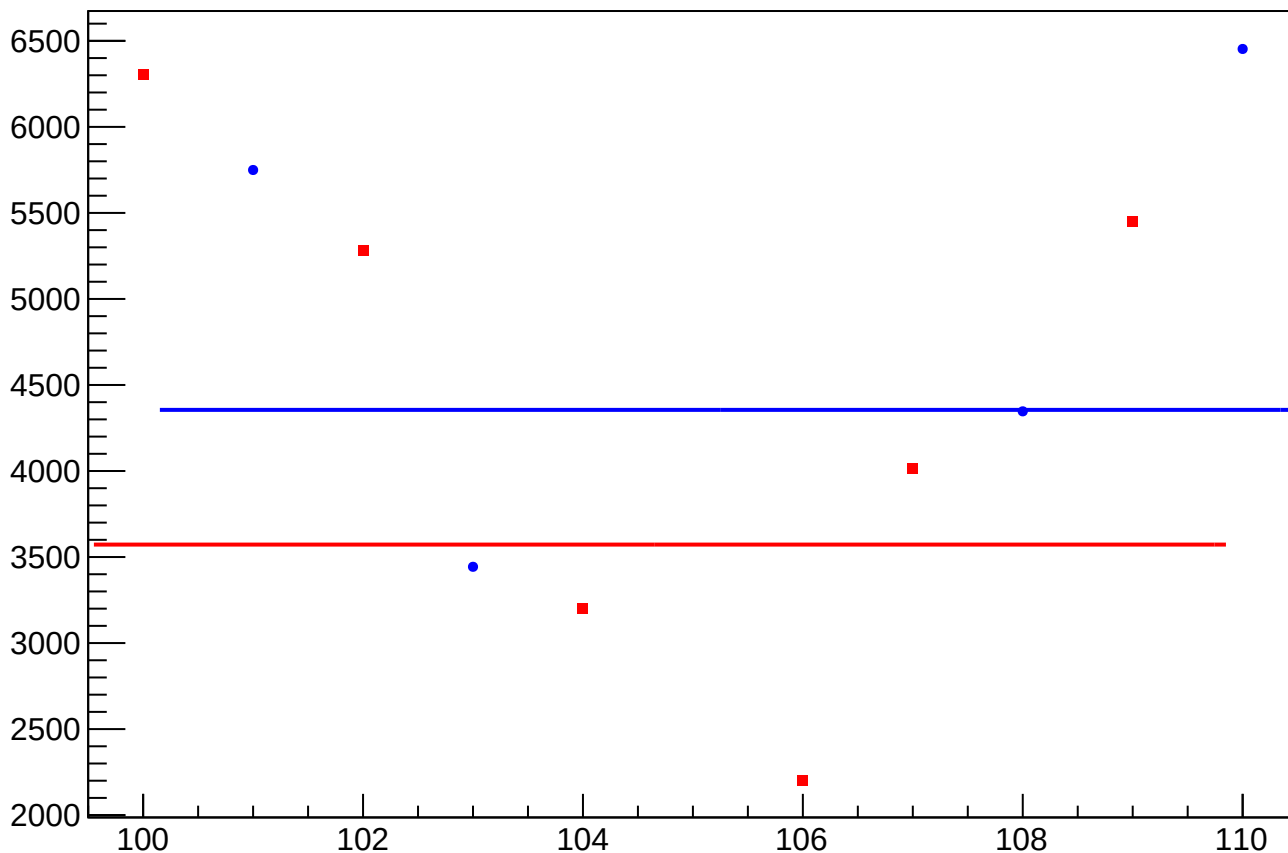
Right: 2992.734+/-2095.500 χ^2/NDF : 11.7/9

In: 6171.471+/-3152.356 χ^2/NDF : 5.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2992.734+/-2095.500 χ^2/NDF : 11.7/9

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 4355.275+/-2.229 χ^2/NDF : 241310.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3572.353+/-1.826 χ^2/NDF : 460040.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

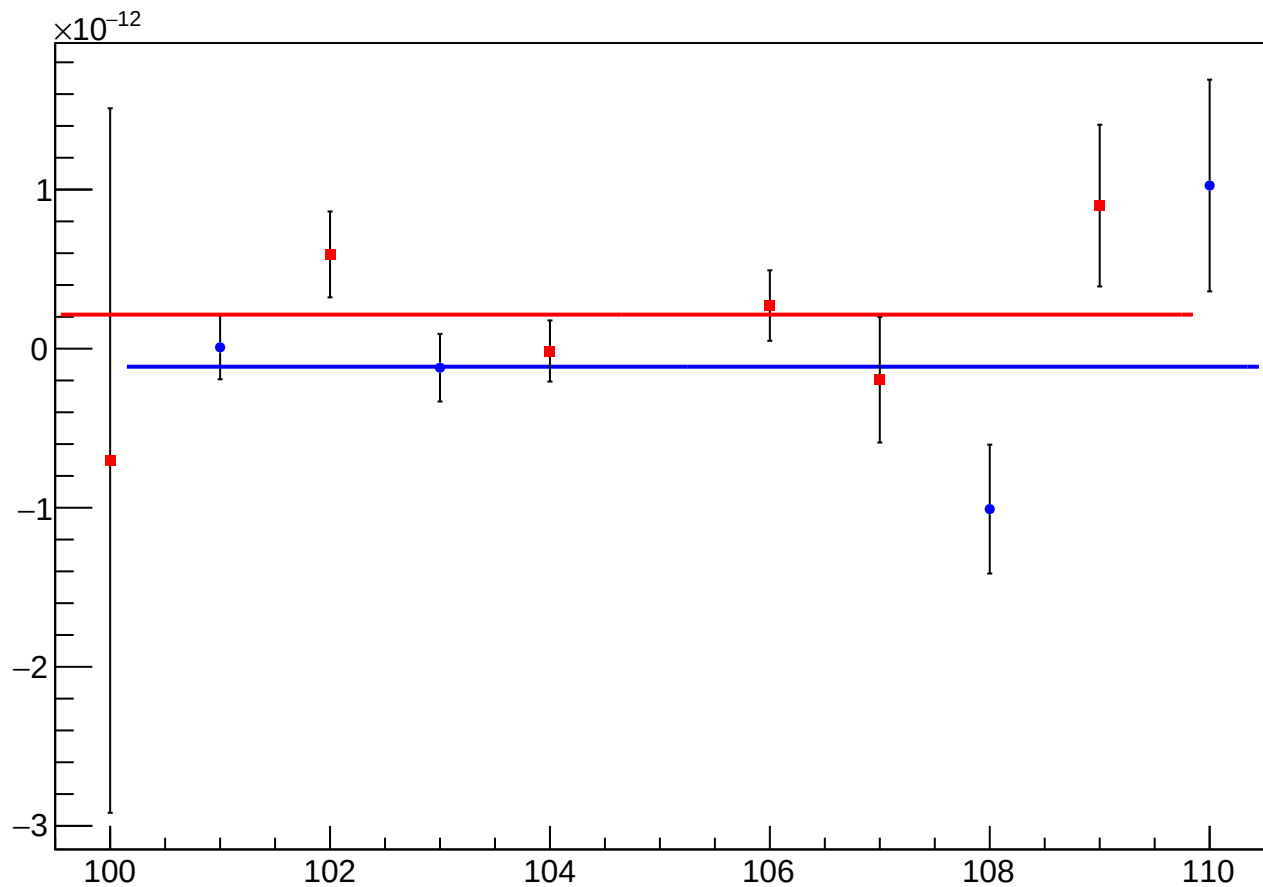
Right: 3886.674+/-1.412 χ^2/NDF : 775189.4/9

In: 4355.275+/-2.229 χ^2/NDF : 241310.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3886.674+/-1.412 χ^2/NDF : 775189.4/9

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

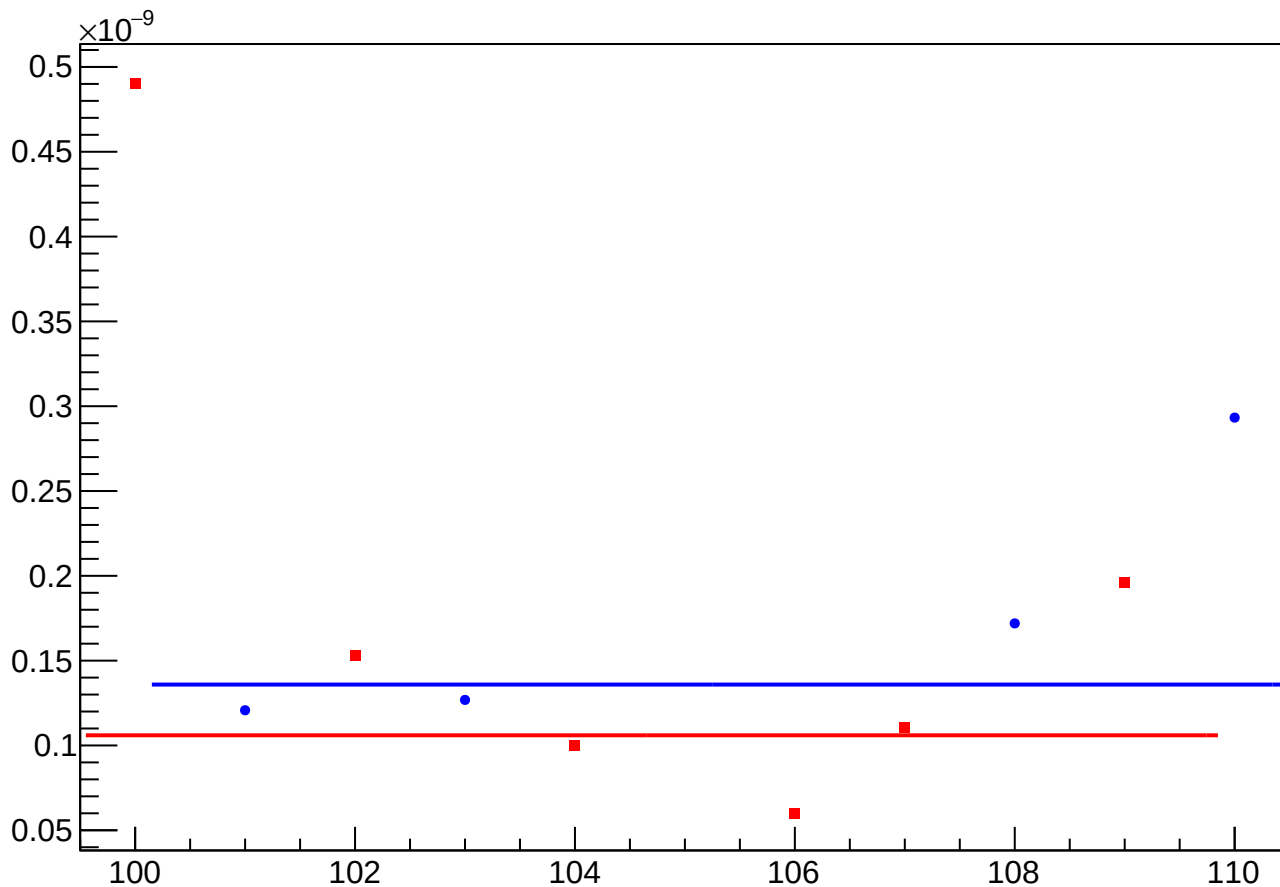
Right: 0.000+/-0.000 χ^2/NDF : 18.0/9

In: -0.000+/-0.000 χ^2/NDF : 8.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.0/9

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 142696.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 273610.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

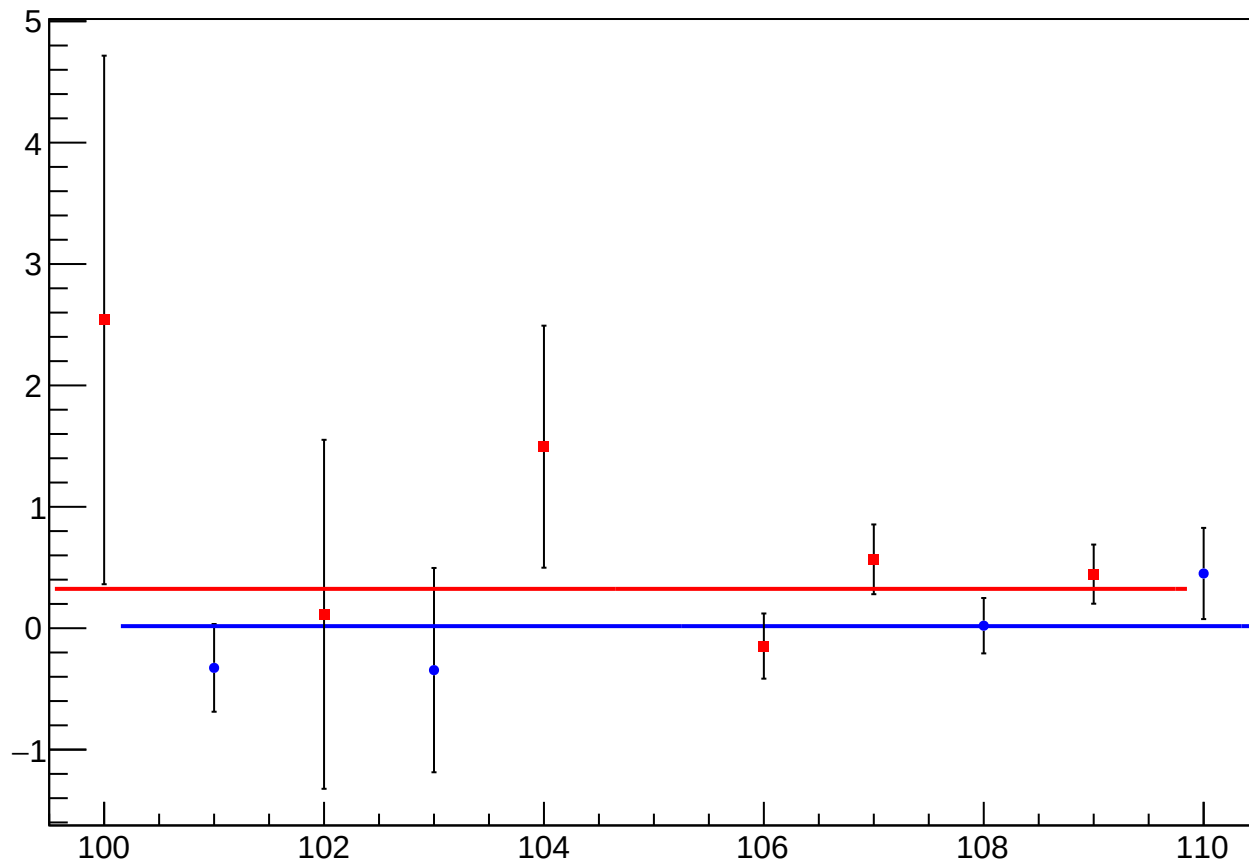
Right: 0.000+/-0.000 χ^2/NDF : 472150.8/9

In: 0.000+/-0.000 χ^2/NDF : 142696.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 472150.8/9

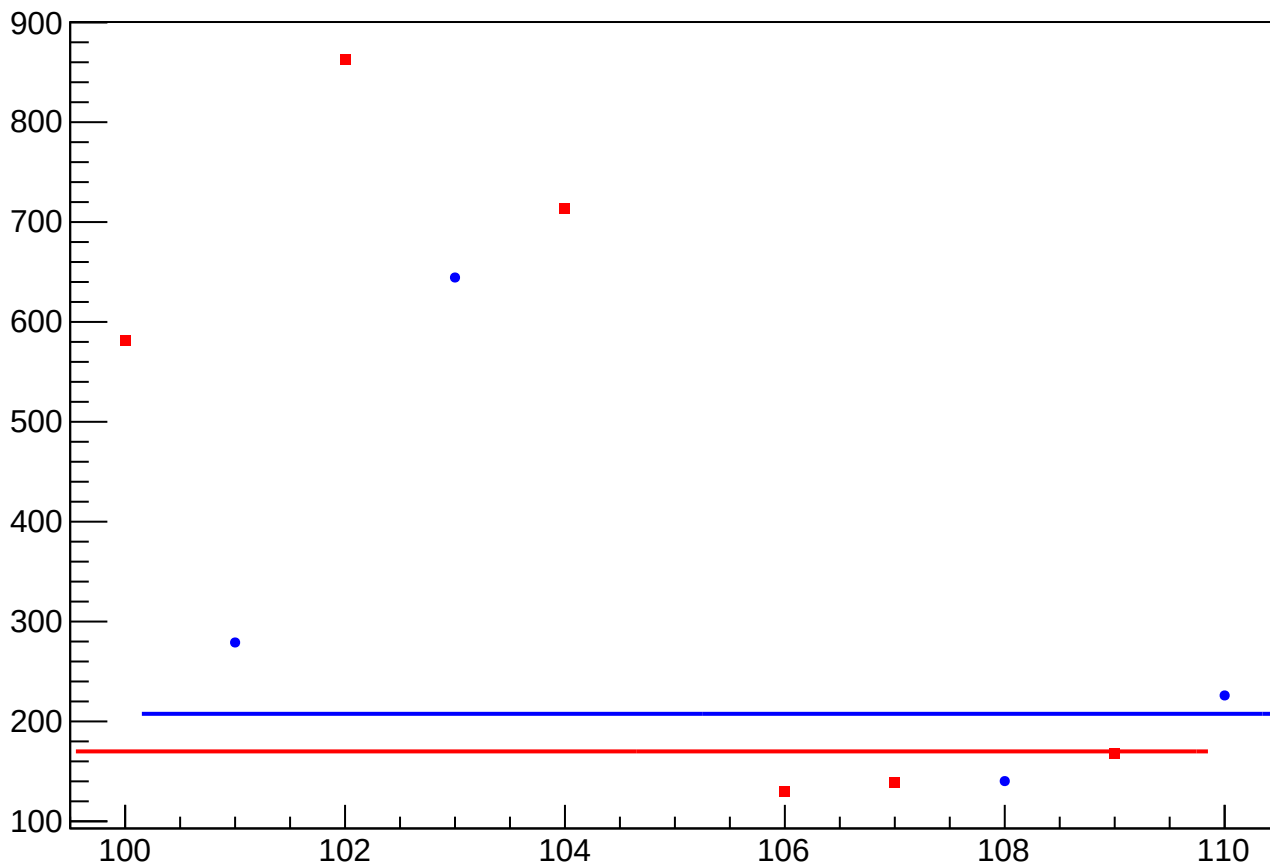
asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: 0.017+/-0.168 χ^2/NDF : 2.4/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.324+/-0.150 χ^2/NDF : 6.5/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.188+/-0.112 χ^2/NDF : 10.8/9
 In: 0.017+/-0.168 χ^2/NDF : 2.4/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.188+/-0.112 χ^2/NDF : 10.8/9

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 207.616+/-0.119 χ^2/NDF : 796377.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.985+/-0.106 χ^2/NDF : 1198238.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

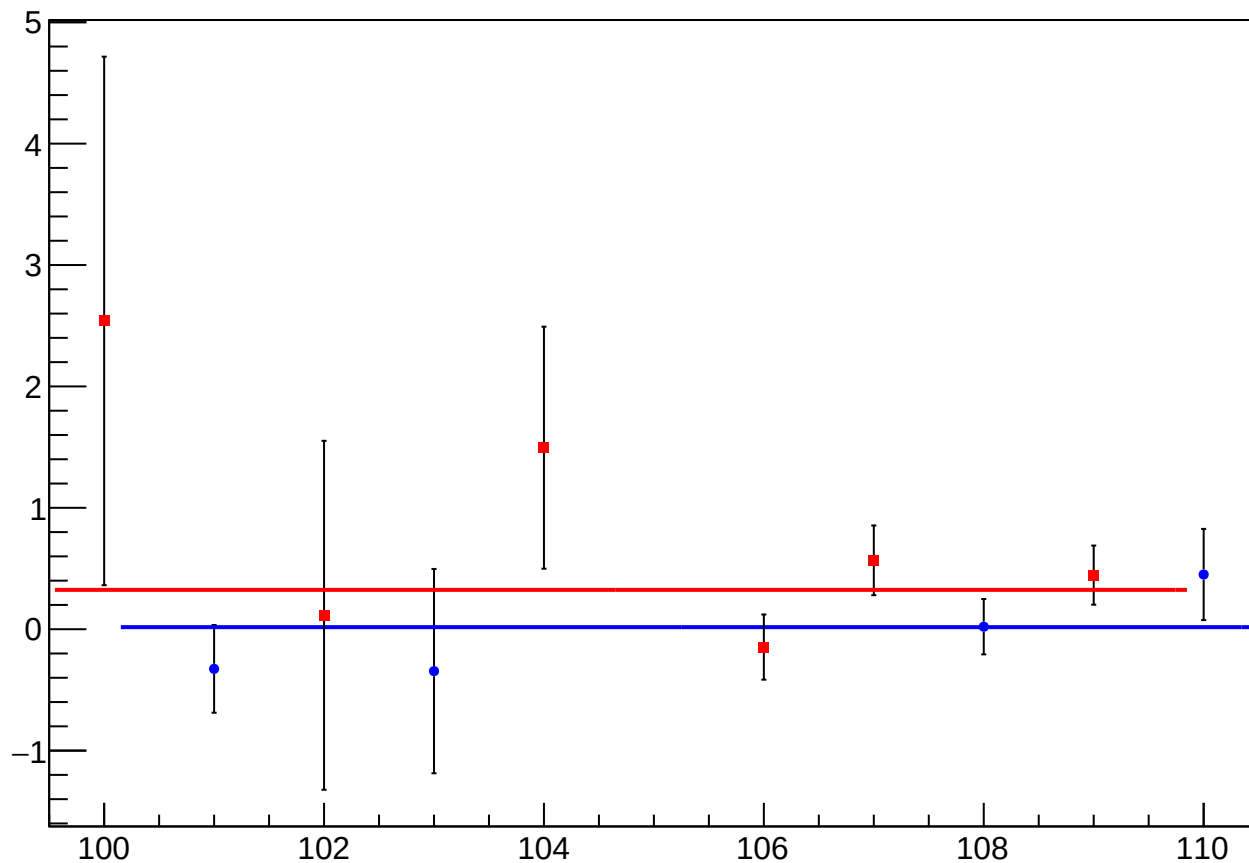
Right: 186.641+/-0.079 χ^2/NDF : 2050467.2/9

In: 207.616+/-0.119 χ^2/NDF : 796377.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.641+/-0.079 χ^2/NDF : 2050467.2/9

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.168 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.324+/-0.150 χ^2/NDF : 6.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

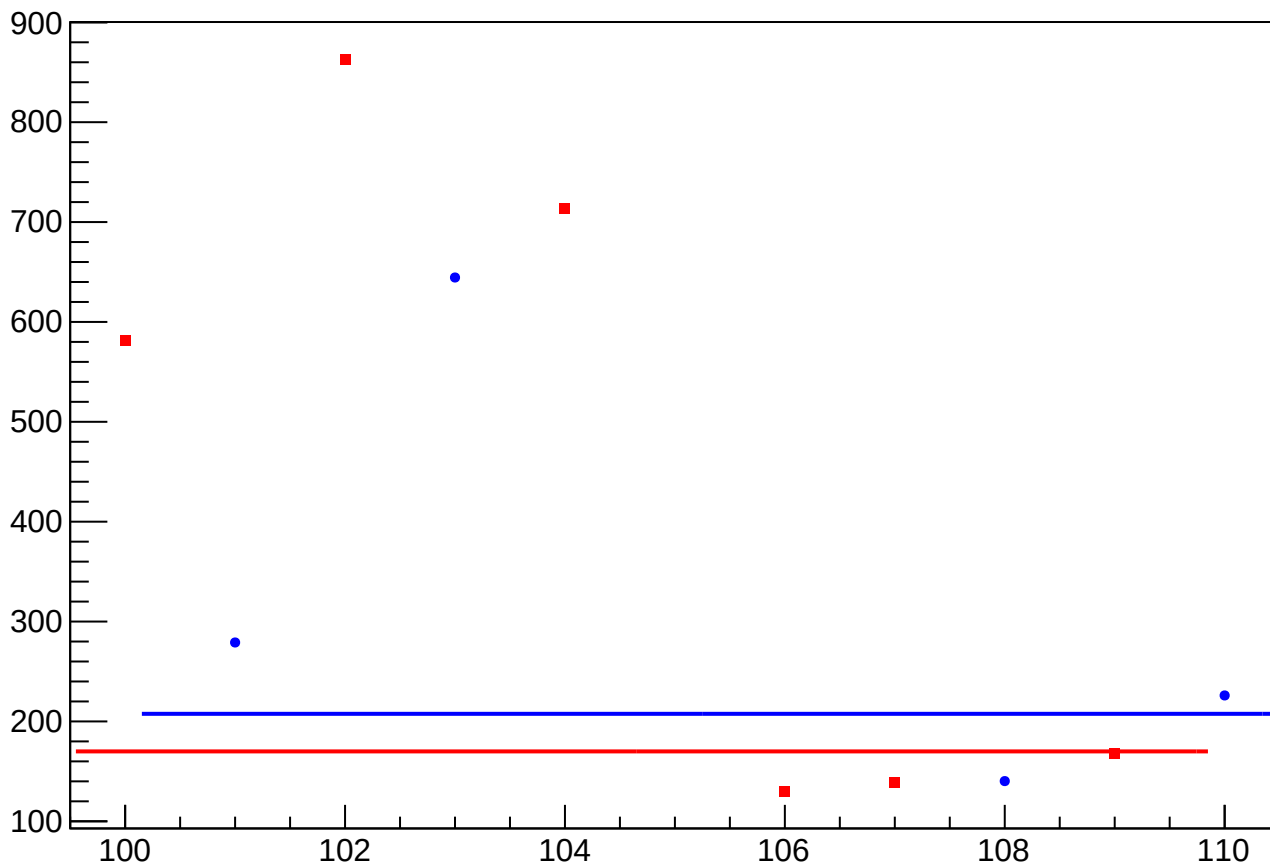
Right: 0.188+/-0.112 χ^2/NDF : 10.8/9

In: 0.017+/-0.168 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.188+/-0.112 χ^2/NDF : 10.8/9

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 207.616+/-0.119 χ^2/NDF : 796377.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.985+/-0.106 χ^2/NDF : 1198238.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

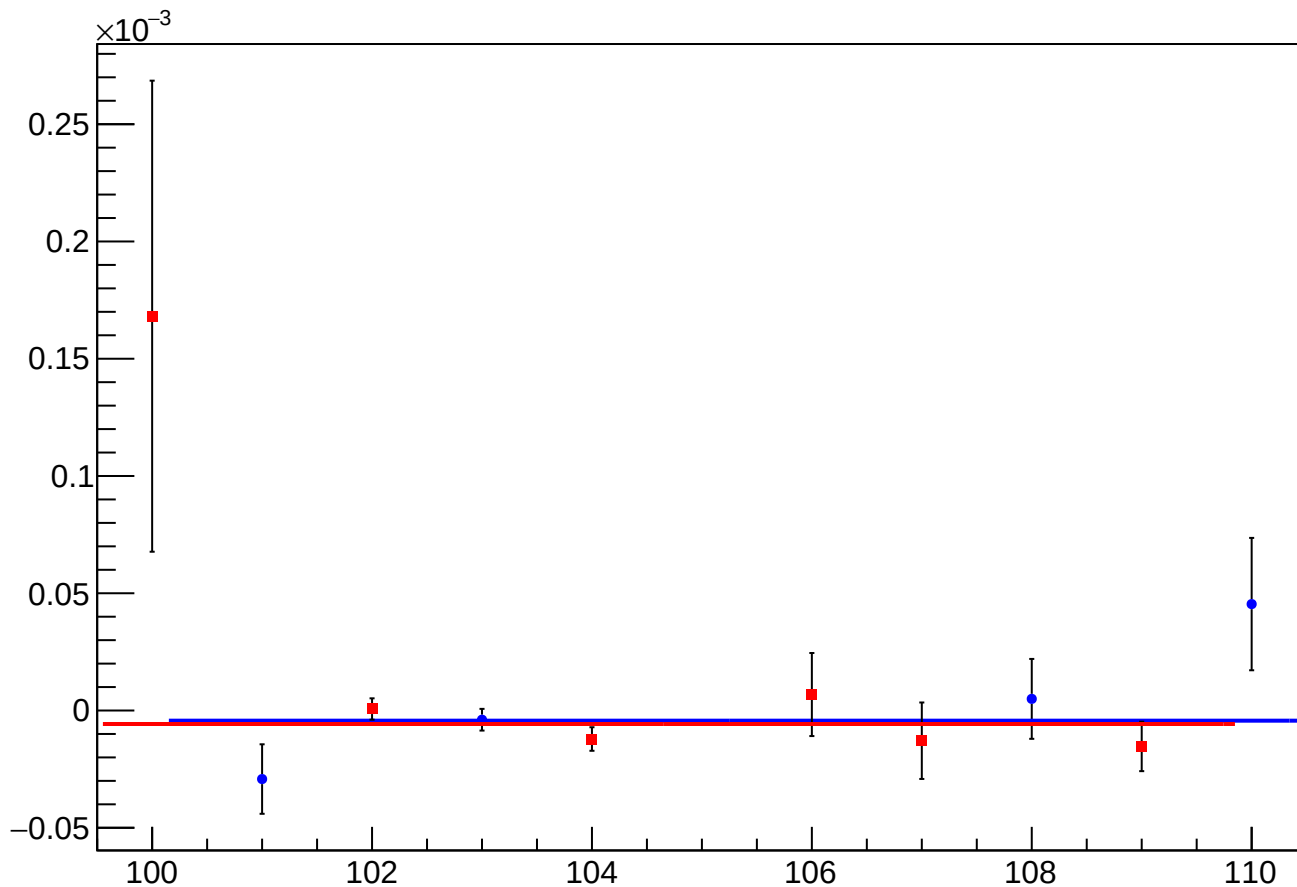
Right: 186.641+/-0.079 χ^2/NDF : 2050467.2/9

In: 207.616+/-0.119 χ^2/NDF : 796377.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.641+/-0.079 χ^2/NDF : 2050467.2/9

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

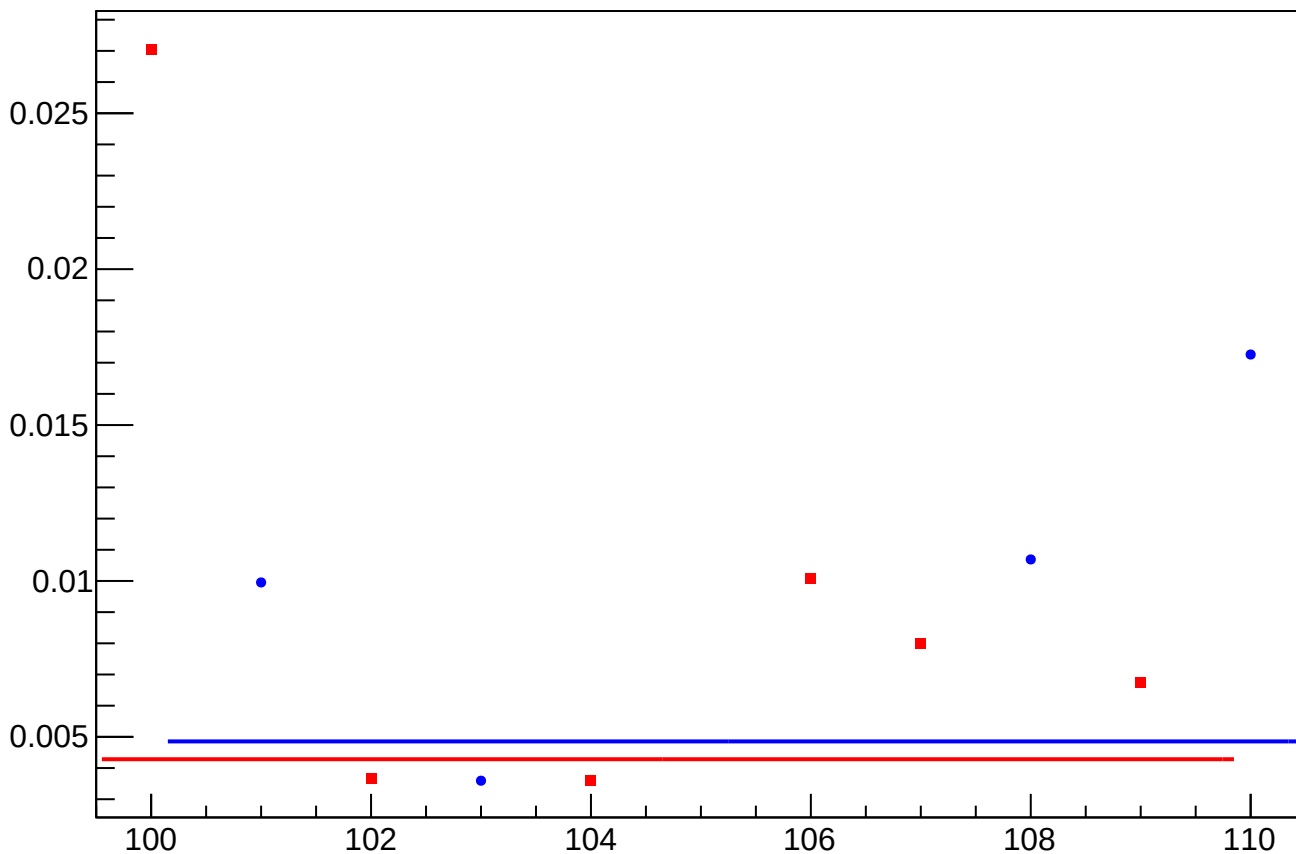
Right: -0.000+/-0.000 χ^2/NDF : 14.4/9

In: -0.000+/-0.000 χ^2/NDF : 6.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.4/9

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1006474.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 600009.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

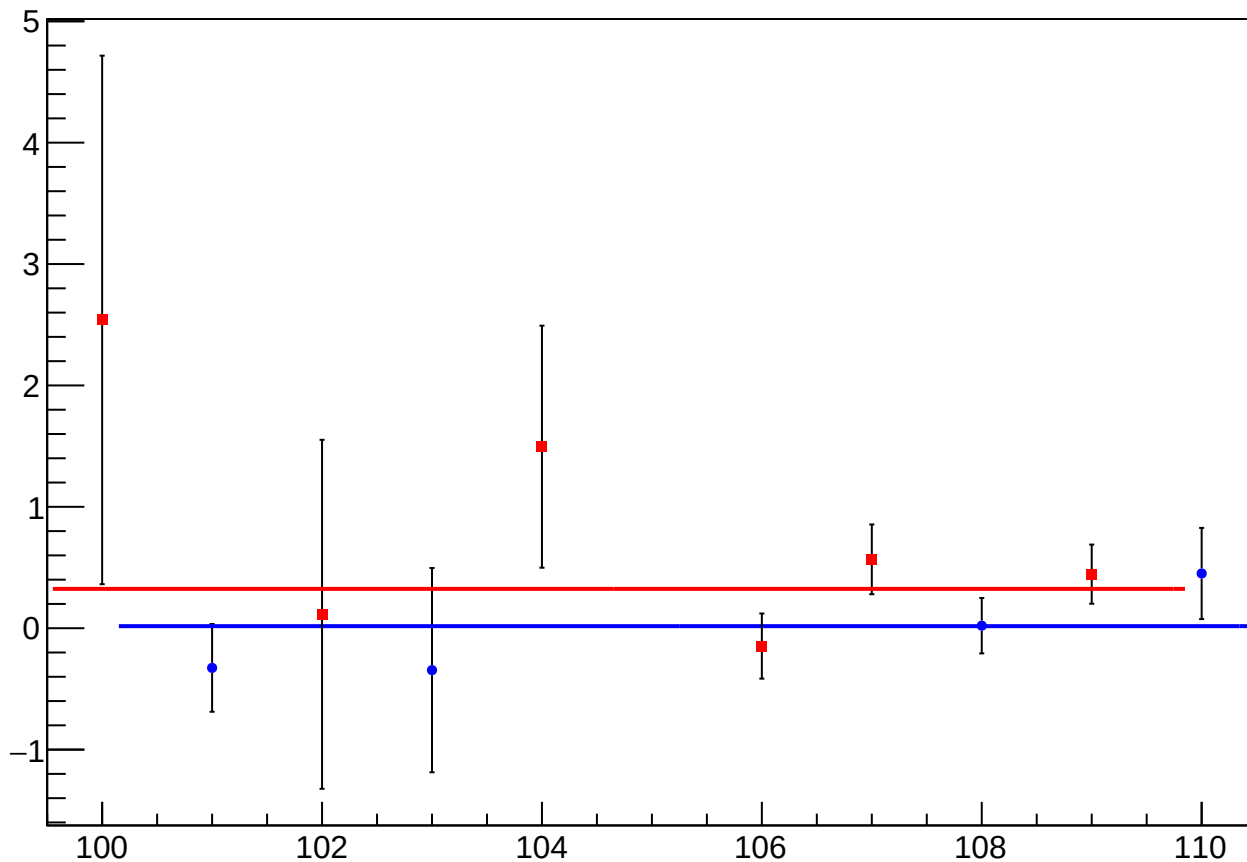
Right: 0.004+/-0.000 χ^2/NDF : 1630287.2/9

In: 0.005+/-0.000 χ^2/NDF : 1006474.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1630287.2/9

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.168 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.324+/-0.150 χ^2/NDF : 6.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

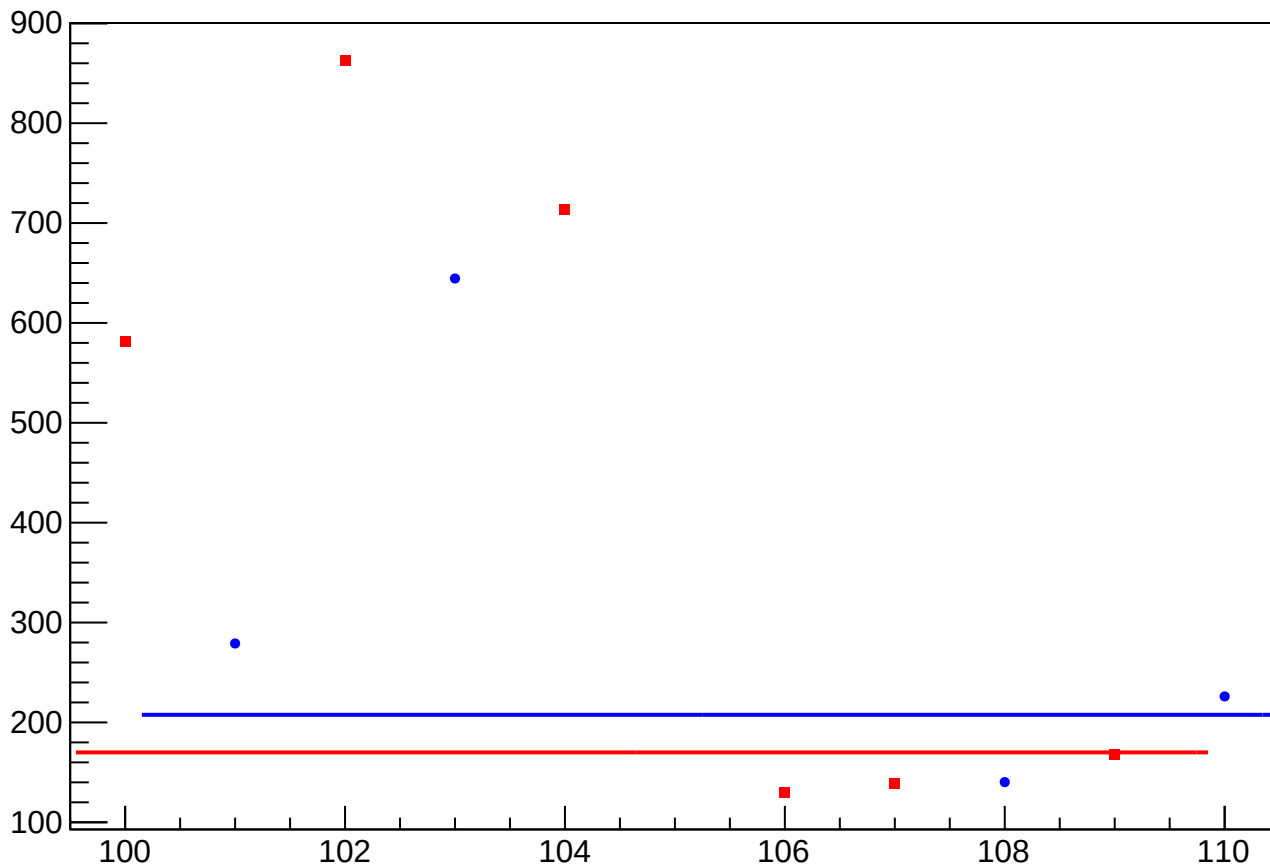
Right: 0.188+/-0.112 χ^2/NDF : 10.8/9

In: 0.017+/-0.168 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.188+/-0.112 χ^2/NDF : 10.8/9

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 207.616+/-0.119 χ^2/NDF : 796387.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.984+/-0.106 χ^2/NDF : 1198239.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

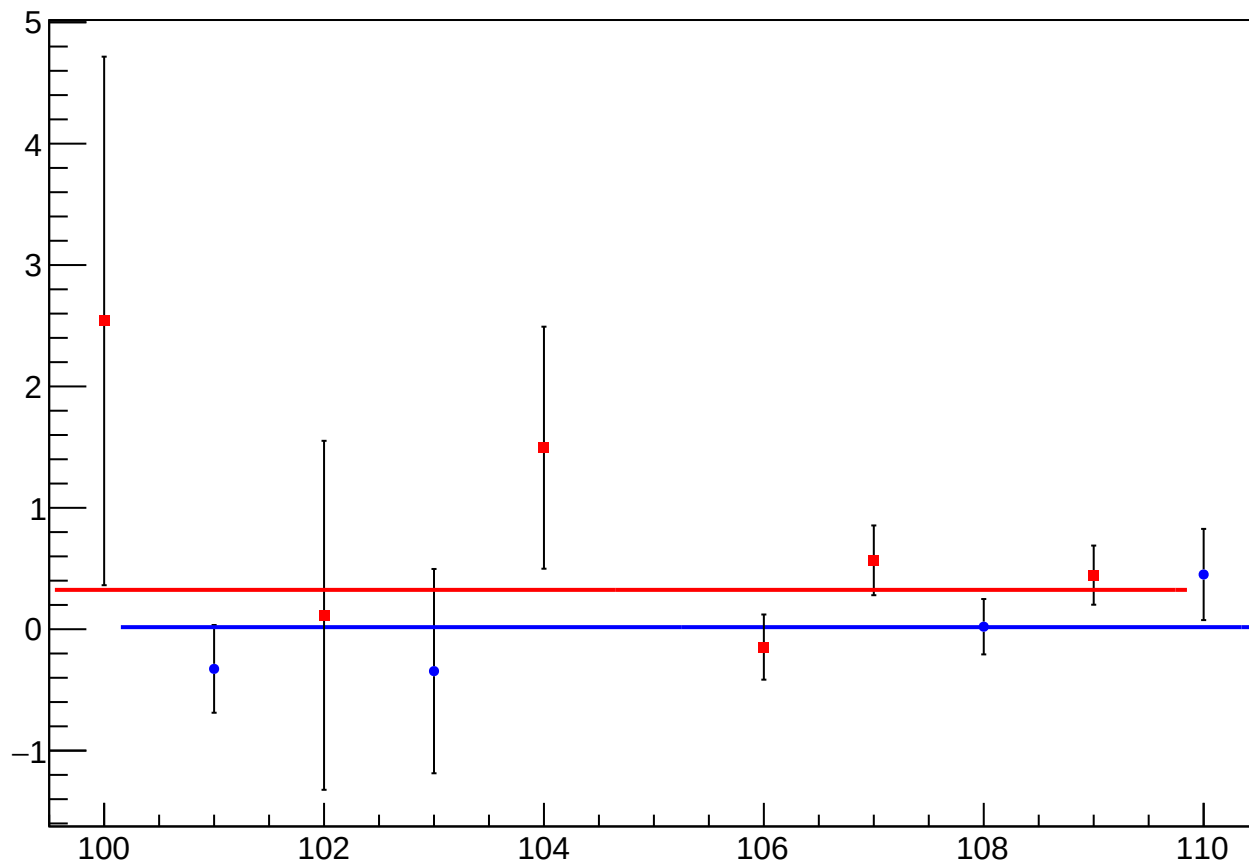
Right: 186.640+/-0.079 χ^2/NDF : 2050478.6/9

In: 207.616+/-0.119 χ^2/NDF : 796387.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.640+/-0.079 χ^2/NDF : 2050478.6/9

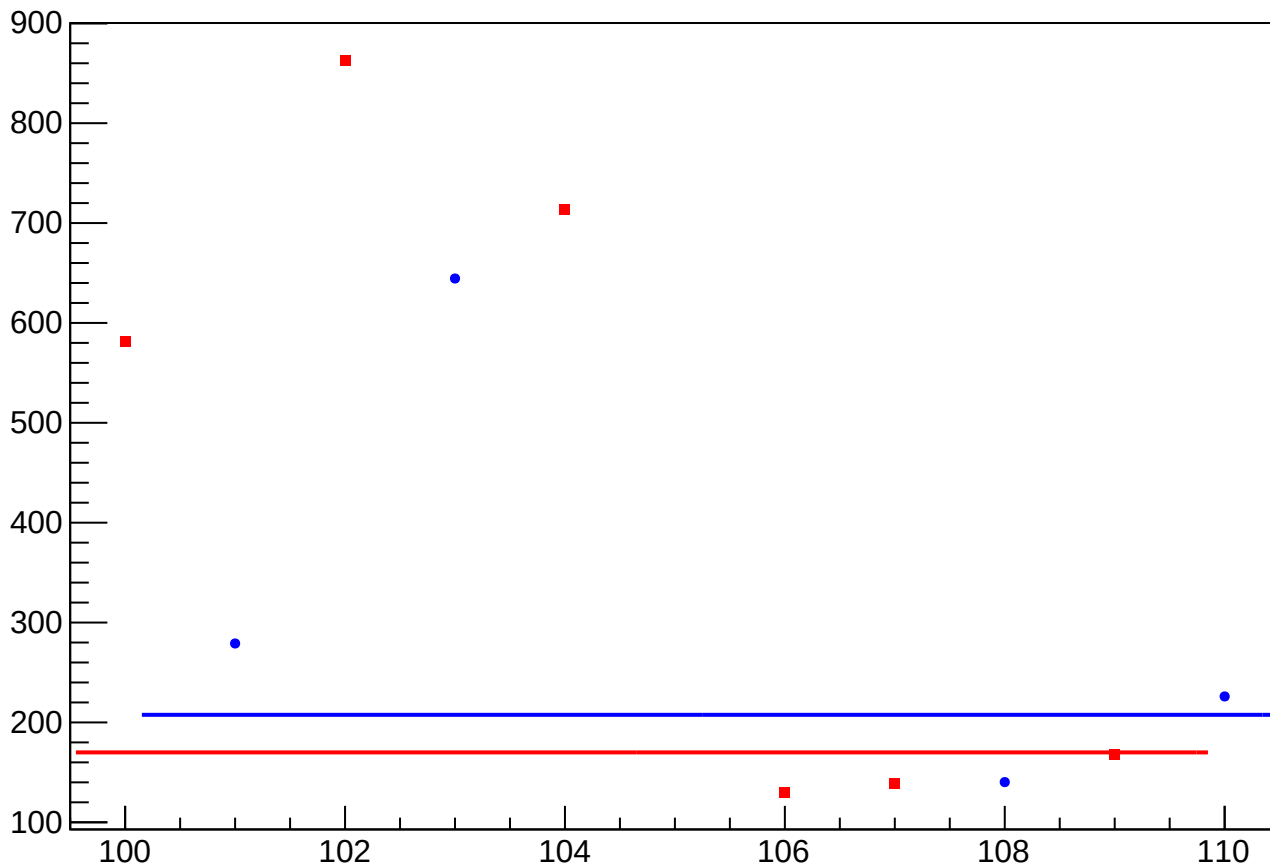
asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.168 χ^2/NDF : 2.4/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.324+/-0.150 χ^2/NDF : 6.5/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.188+/-0.112 χ^2/NDF : 10.8/9
 In: 0.017+/-0.168 χ^2/NDF : 2.4/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.188+/-0.112 χ^2/NDF : 10.8/9

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 207.616+/-0.119 χ^2/NDF : 796387.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.984+/-0.106 χ^2/NDF : 1198239.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

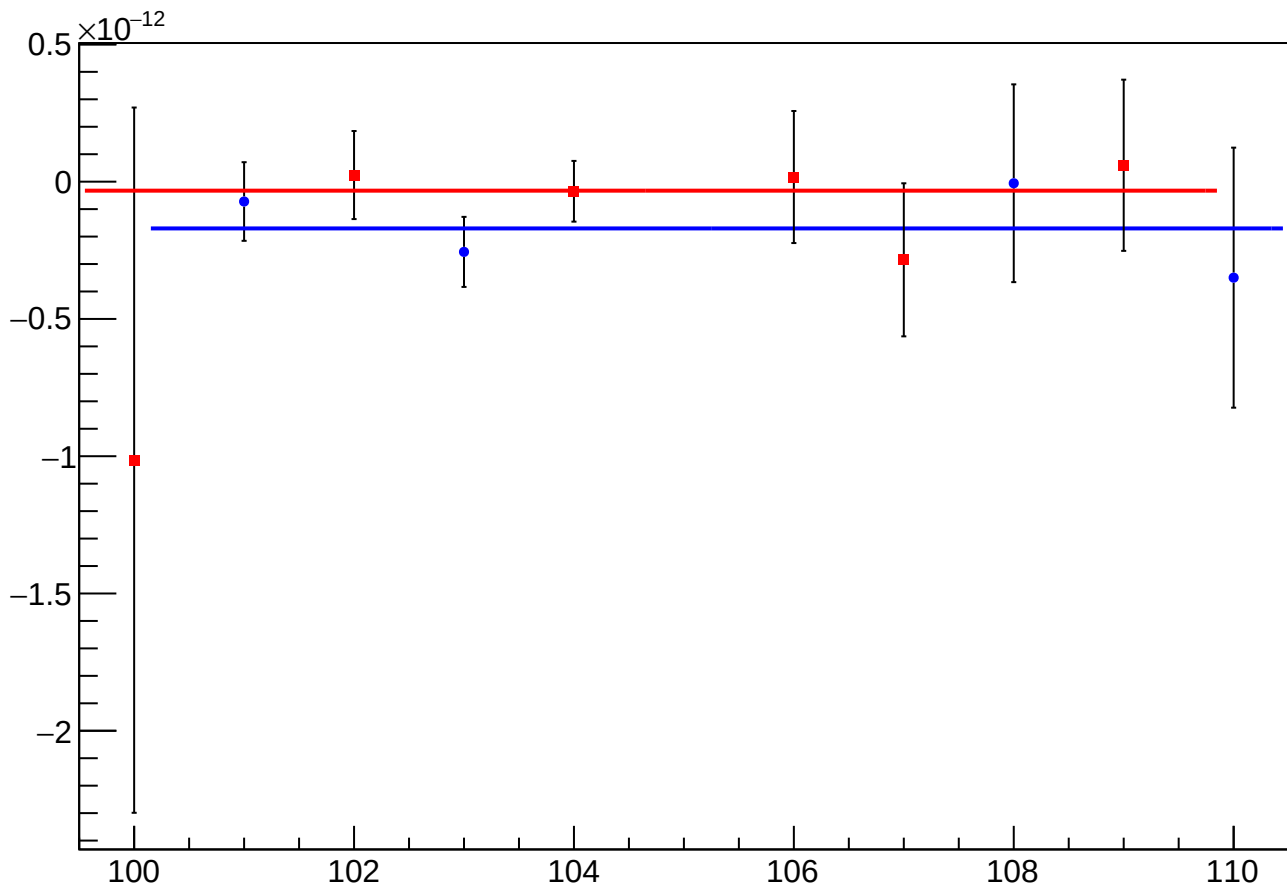
Right: 186.640+/-0.079 χ^2/NDF : 2050478.6/9

In: 207.616+/-0.119 χ^2/NDF : 796387.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.640+/-0.079 χ^2/NDF : 2050478.6/9

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

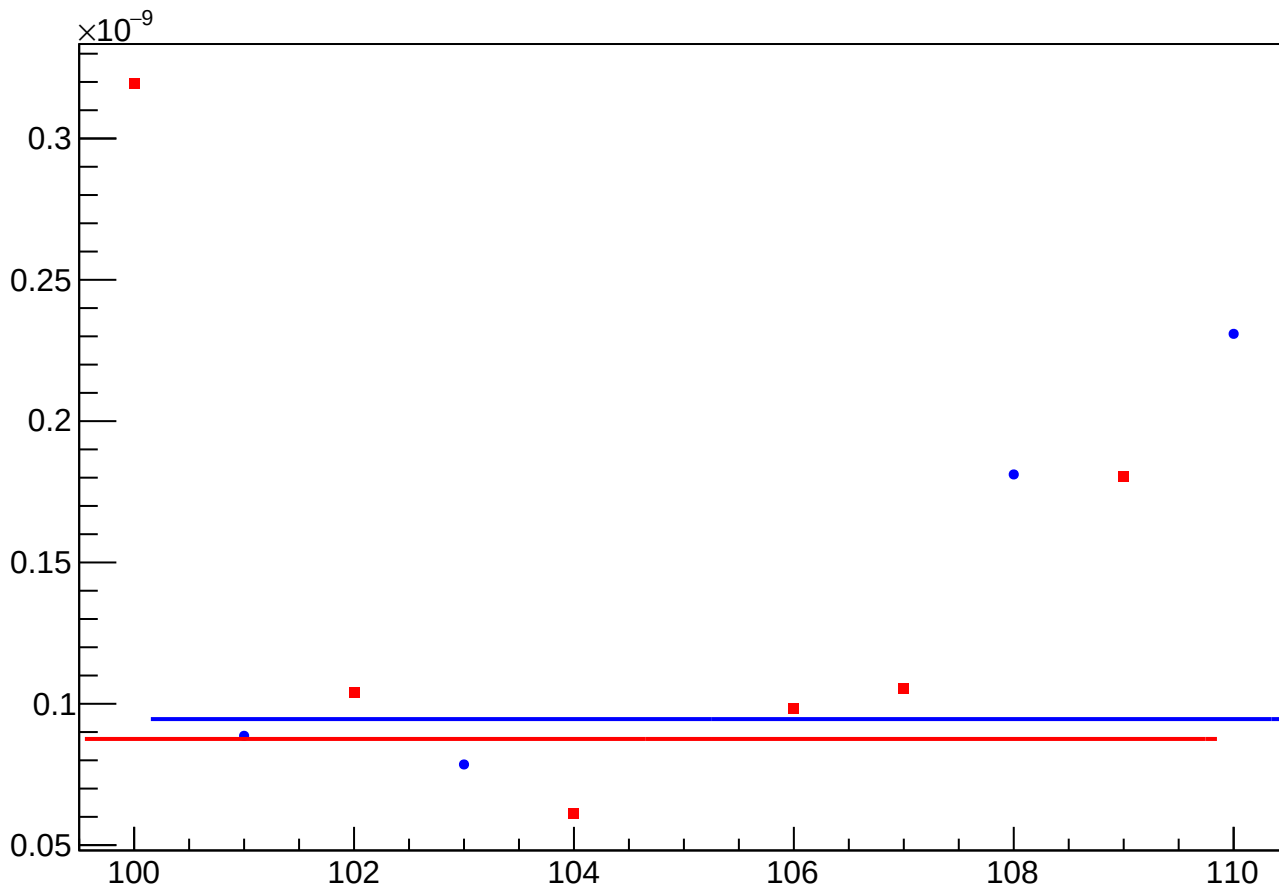
Right: -0.000+/-0.000 χ^2/NDF : 4.2/9

In: -0.000+/-0.000 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.2/9

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 316232.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 390398.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

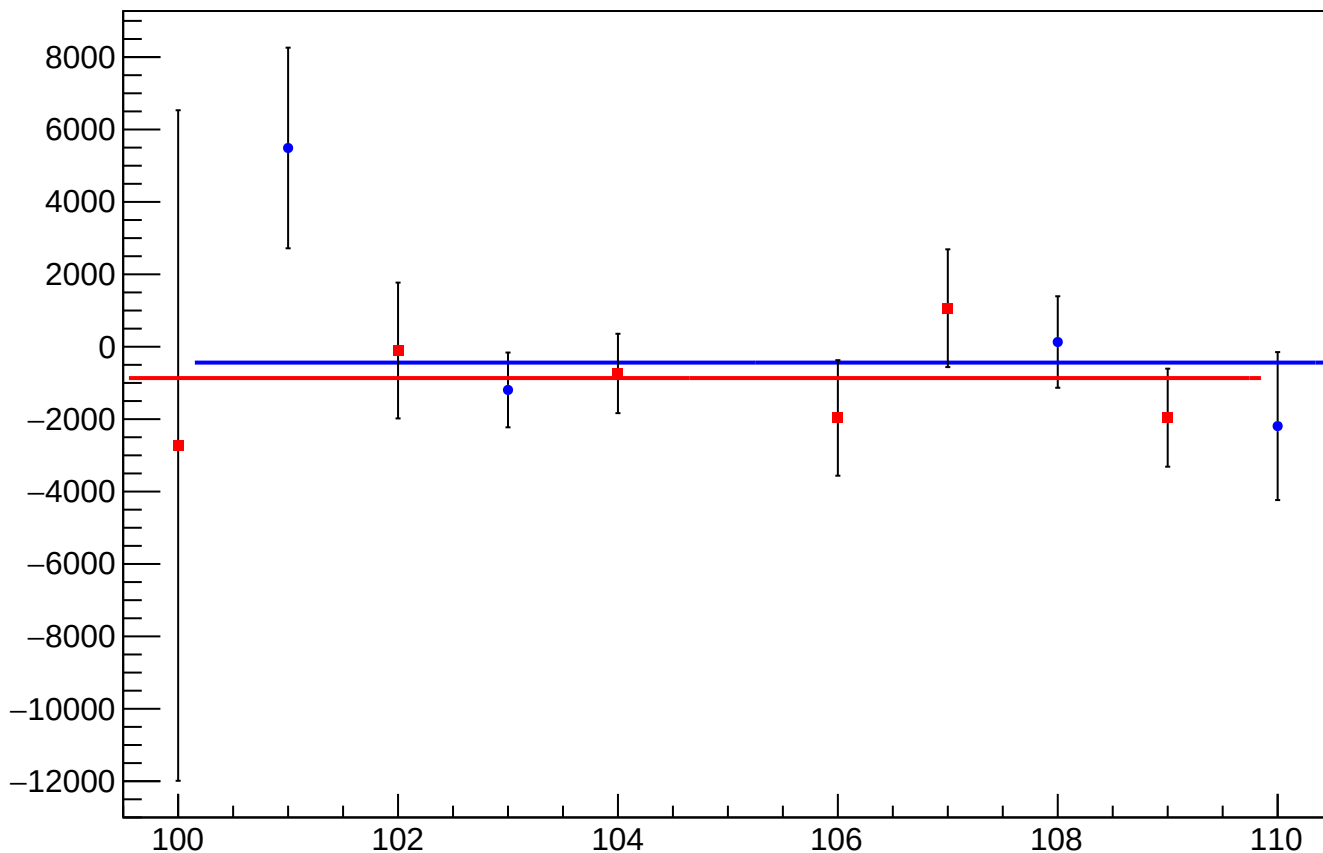
Right: 0.000+/-0.000 χ^2/NDF : 713506.3/9

In: 0.000+/-0.000 χ^2/NDF : 316232.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 713506.3/9

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -437.939+/-719.162 χ^2/NDF : 6.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -865.395+/-639.572 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

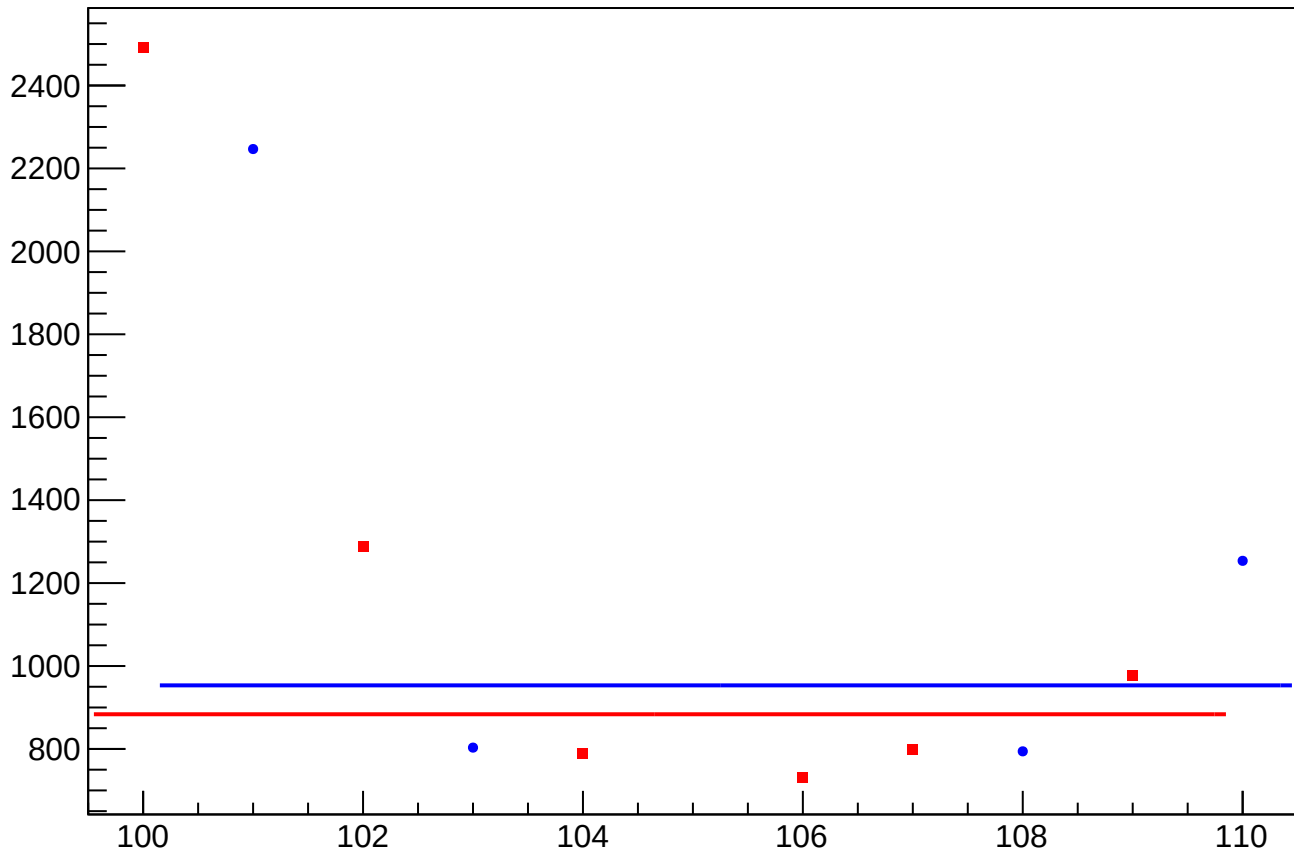
Right: -676.620+/-477.917 χ^2/NDF : 9.0/9

In: -437.939+/-719.162 χ^2/NDF : 6.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -676.620+/-477.917 χ^2/NDF : 9.0/9

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 953.343+/-0.509 χ^2/NDF : 552953.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 883.669+/-0.443 χ^2/NDF : 206261.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

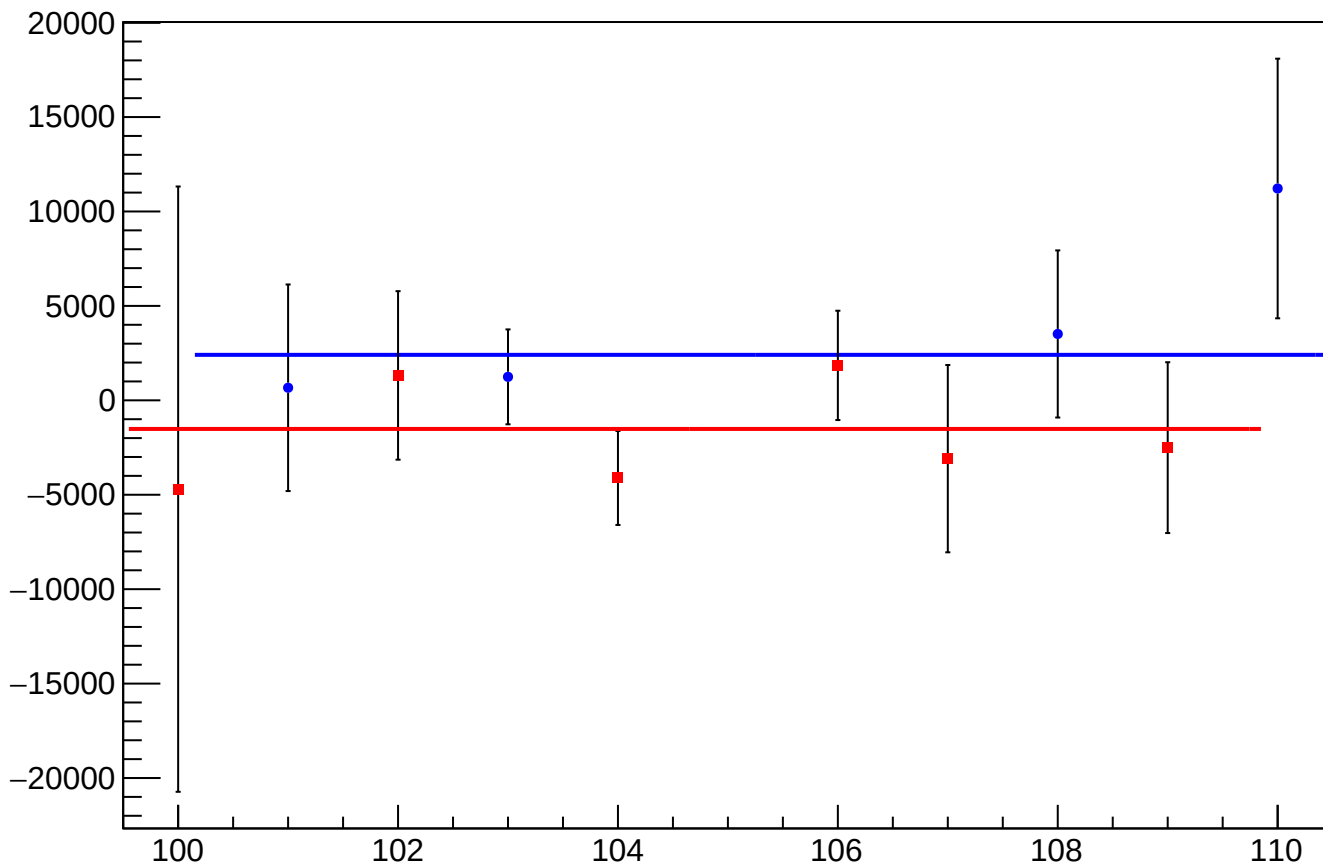
Right: 913.758+/-0.334 χ^2/NDF : 769879.7/9

In: 953.343+/-0.509 χ^2/NDF : 552953.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 913.758+/-0.334 χ^2/NDF : 769879.7/9

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2408.280+/-1945.891 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1515.602+/-1534.680 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

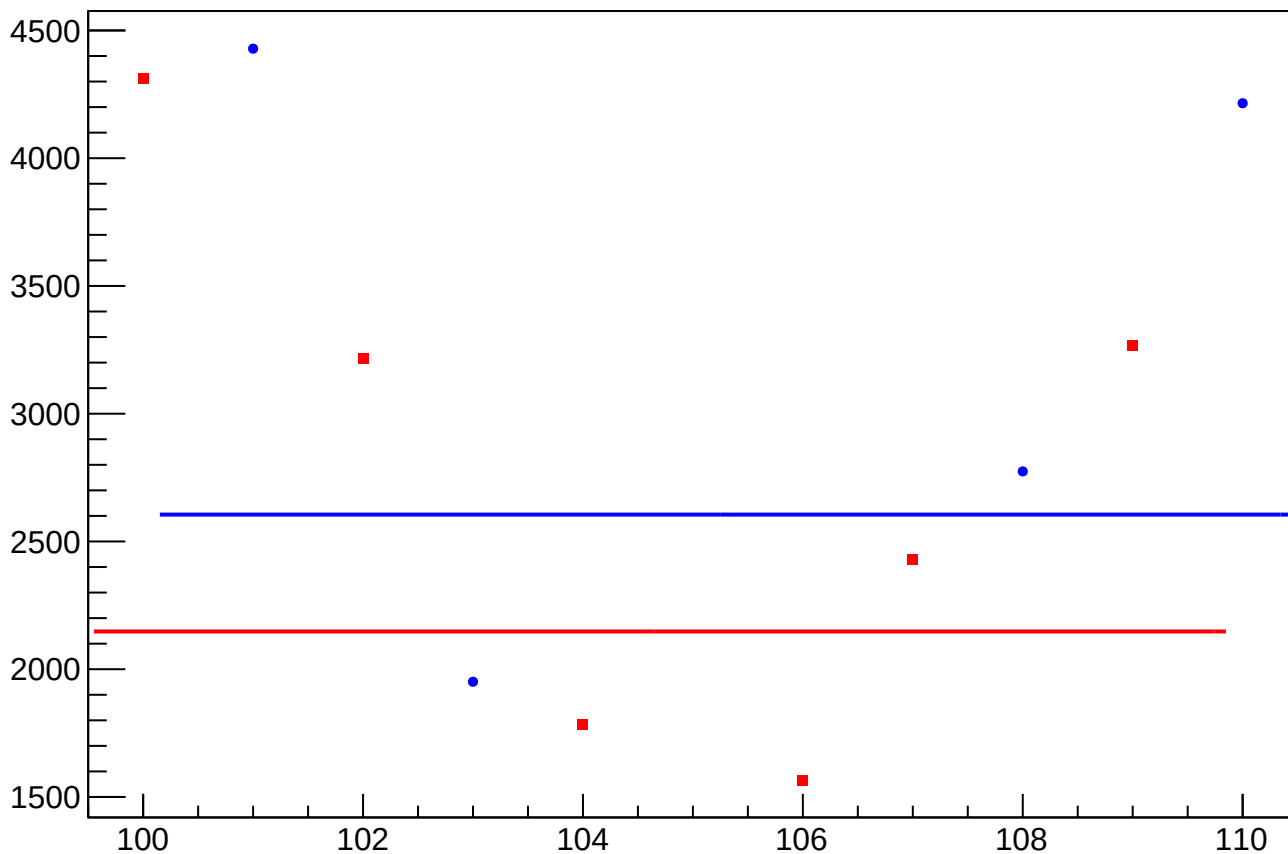
Right: -10.865+/-1205.010 χ^2/NDF : 7.6/9

In: 2408.280+/-1945.891 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.865+/-1205.010 χ^2/NDF : 7.6/9

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2605.176+/-1.376 χ^2/NDF : 470569.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2147.794+/-1.085 χ^2/NDF : 403900.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

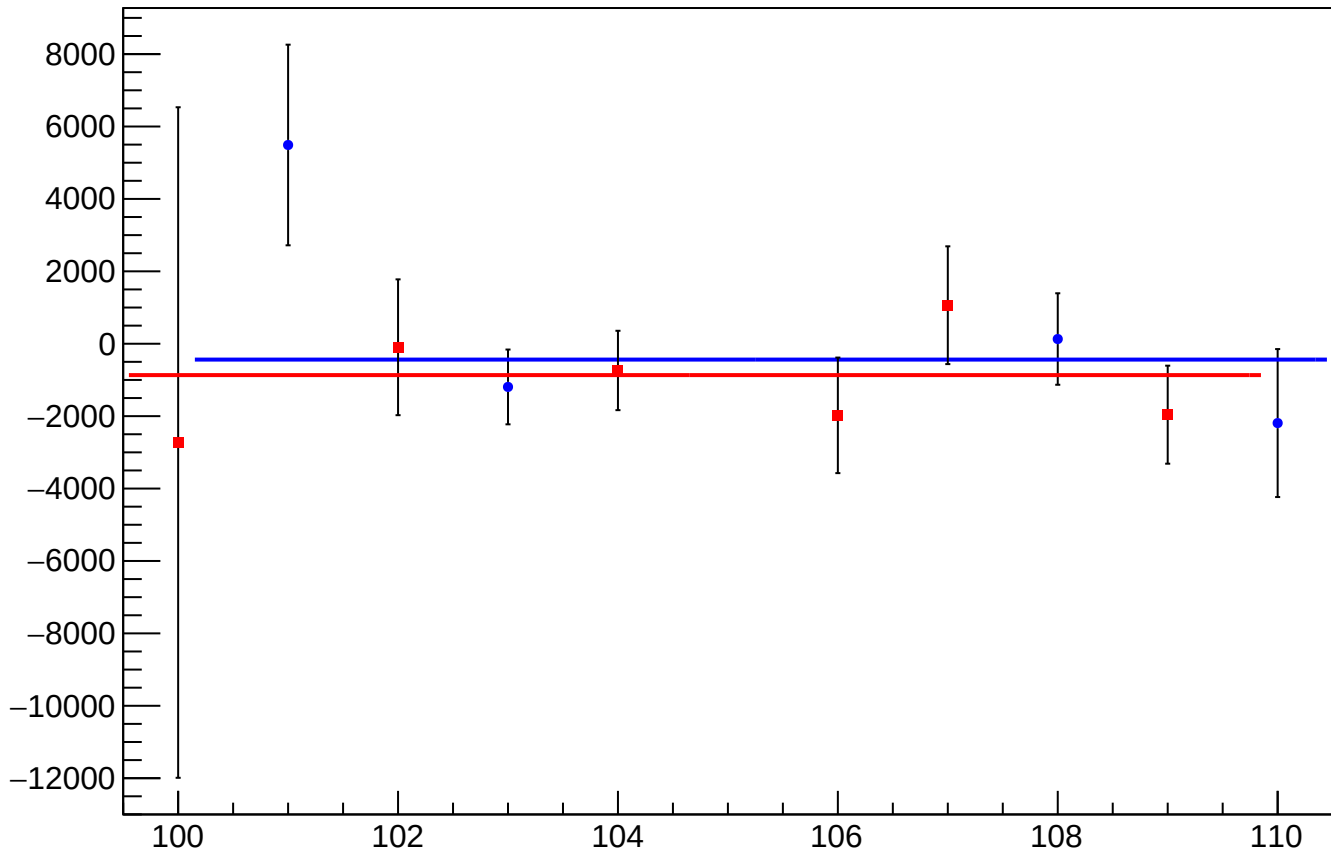
Right: 2323.192+/-0.852 χ^2/NDF : 942593.5/9

In: 2605.176+/-1.376 χ^2/NDF : 470569.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2323.192+/-0.852 χ^2/NDF : 942593.5/9

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -437.760+/-719.163 χ^2/NDF : 6.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -866.340+/-639.588 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

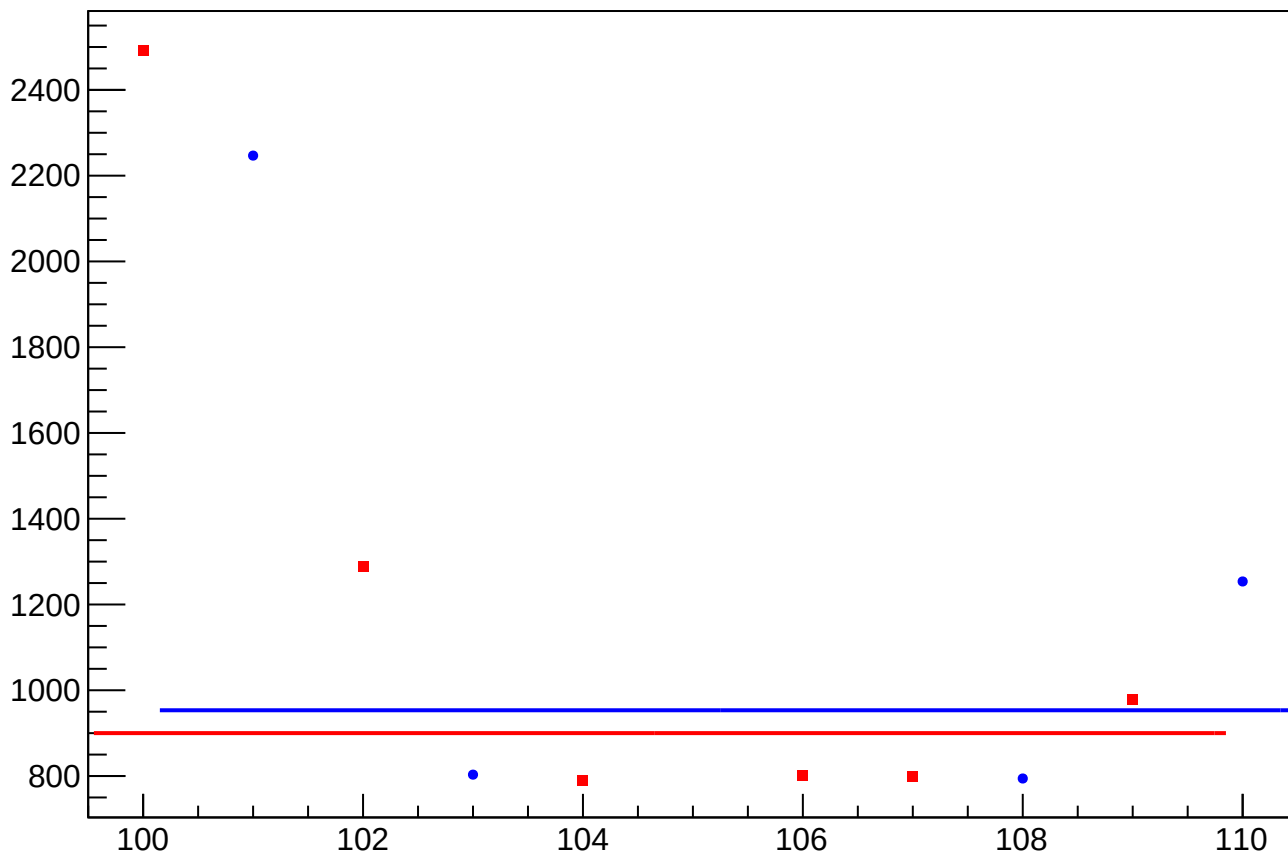
Right: -677.064+/-477.924 χ^2/NDF : 9.0/9

In: -437.760+/-719.163 χ^2/NDF : 6.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -677.064+/-477.924 χ^2/NDF : 9.0/9

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 953.345+/-0.509 χ^2/NDF : 552951.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 900.073+/-0.450 χ^2/NDF : 187831.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

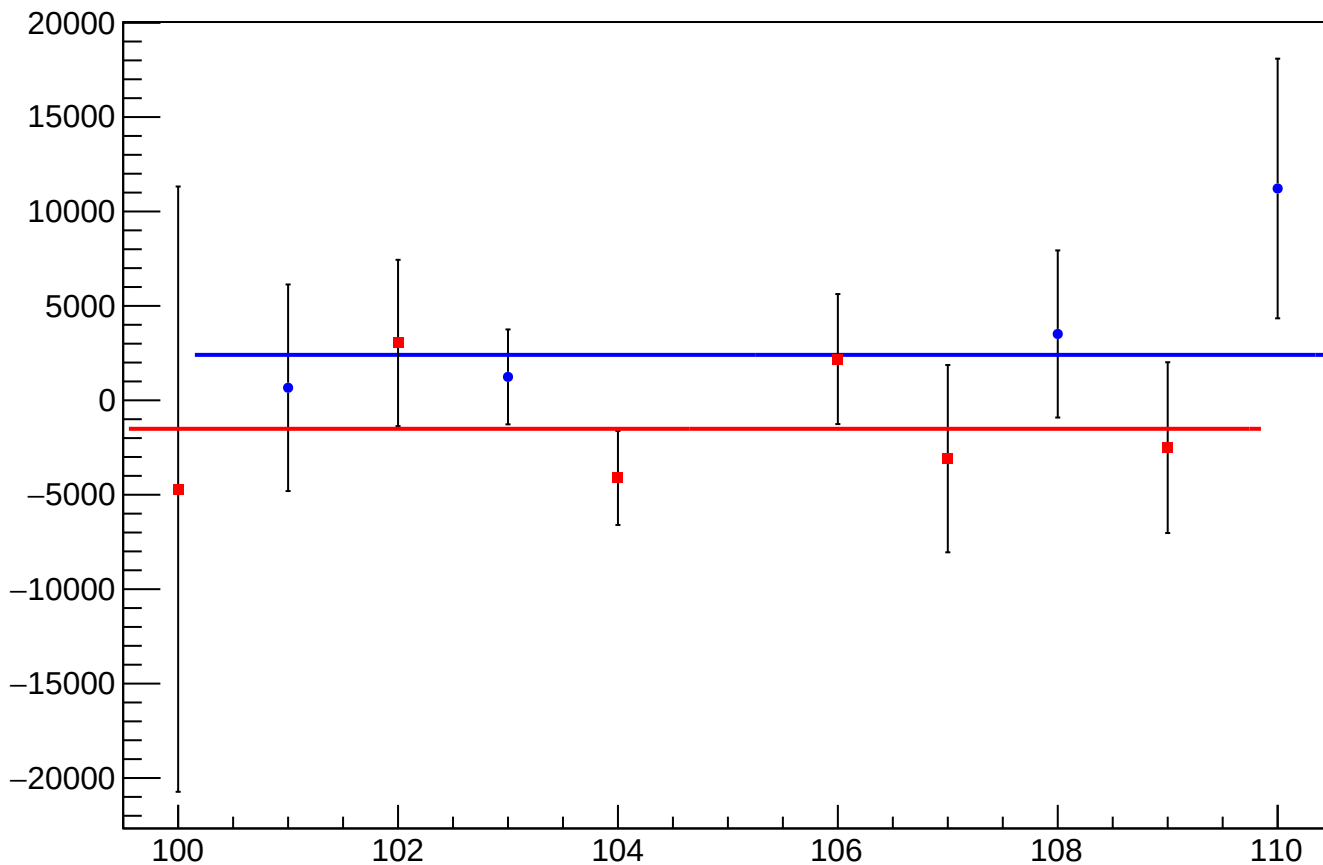
Right: 923.477+/-0.337 χ^2/NDF : 746935.8/9

In: 953.345+/-0.509 χ^2/NDF : 552951.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.477+/-0.337 χ^2/NDF : 746935.8/9

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2407.281+/-1946.088 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1507.723+/-1599.328 χ^2/NDF : 3.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

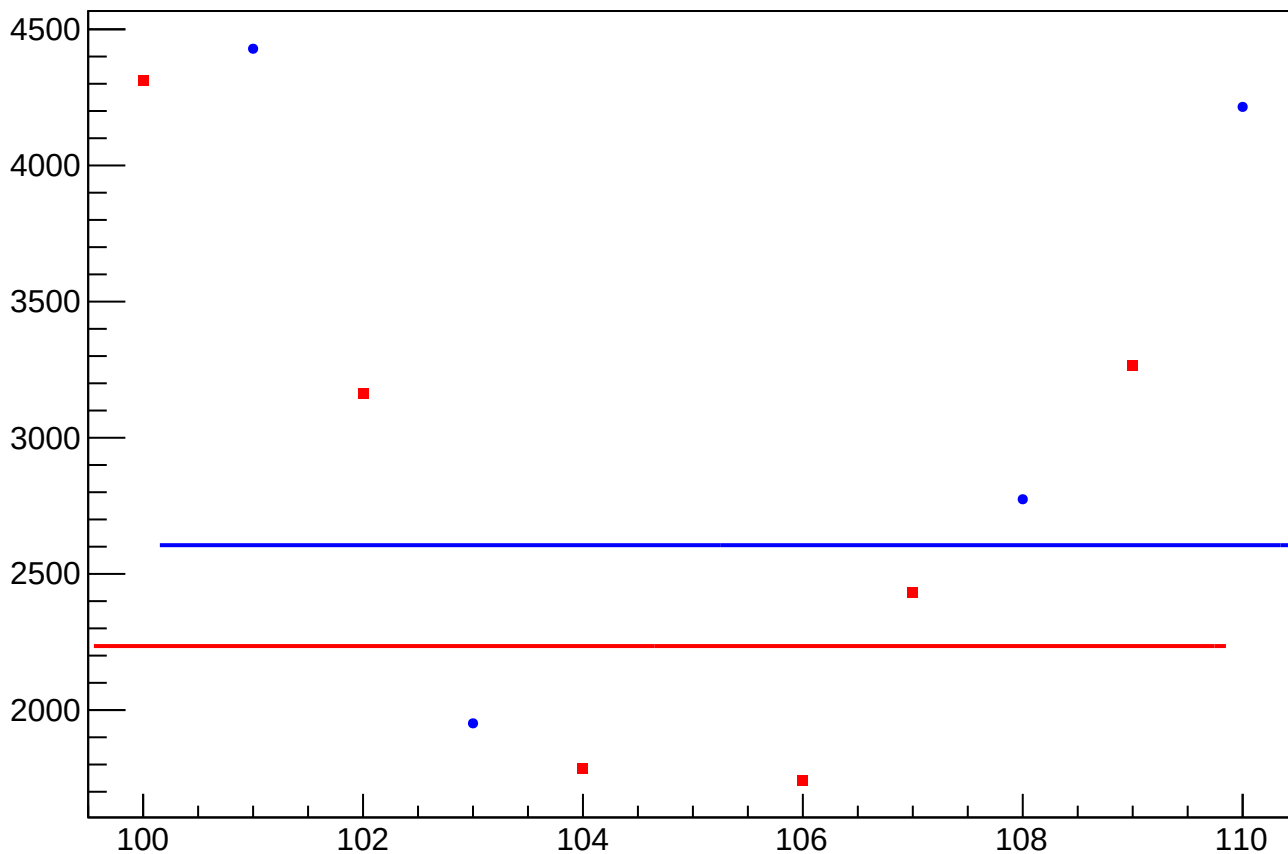
Right: 70.500+/-1235.607 χ^2/NDF : 7.9/9

In: 2407.281+/-1946.088 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.500+/-1235.607 χ^2/NDF : 7.9/9

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2605.522+/-1.376 χ^2/NDF : 470372.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2235.062+/-1.131 χ^2/NDF : 336584.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

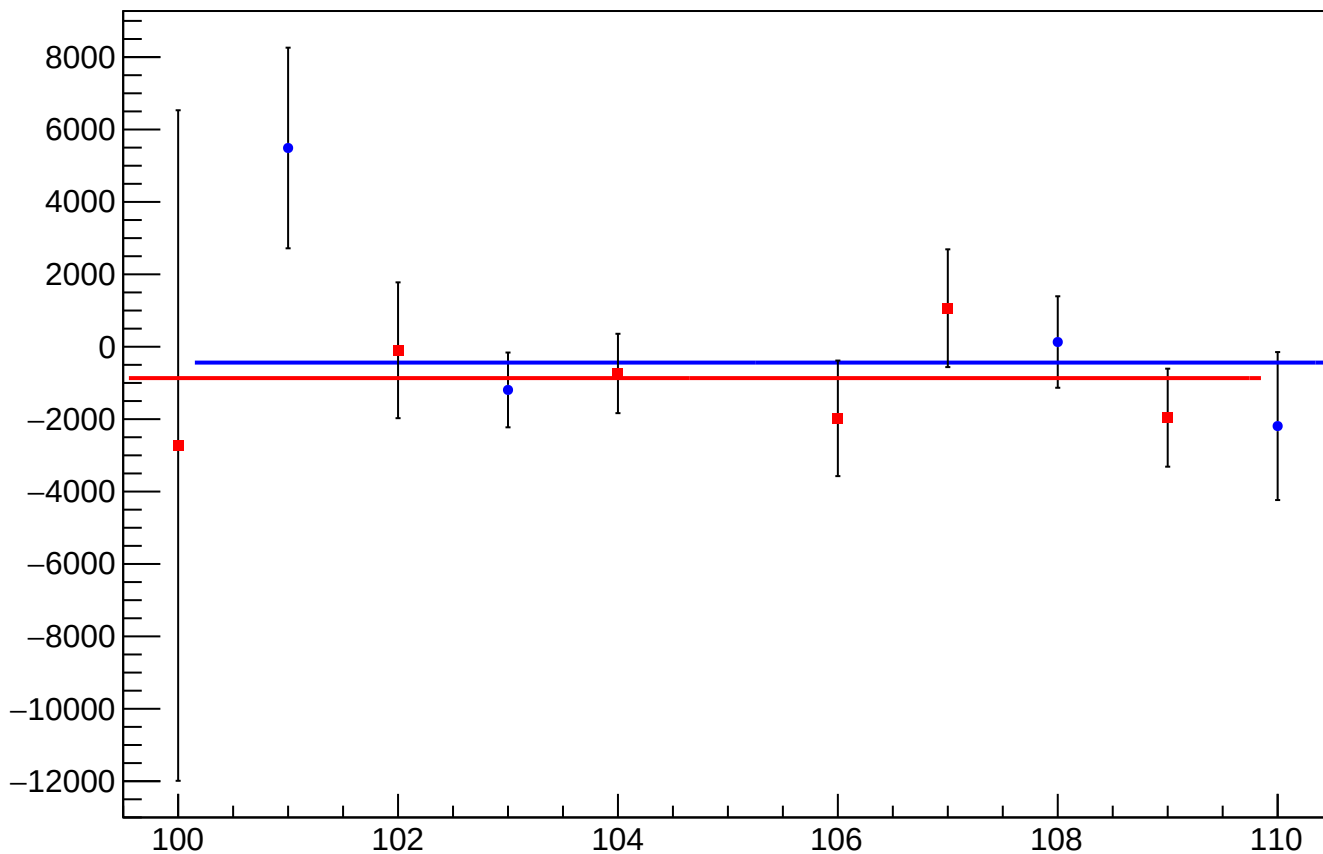
Right: 2384.402+/-0.874 χ^2/NDF : 850215.4/9

In: 2605.522+/-1.376 χ^2/NDF : 470372.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2384.402+/-0.874 χ^2/NDF : 850215.4/9

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -437.760+/-719.163 χ^2/NDF : 6.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -866.340+/-639.588 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

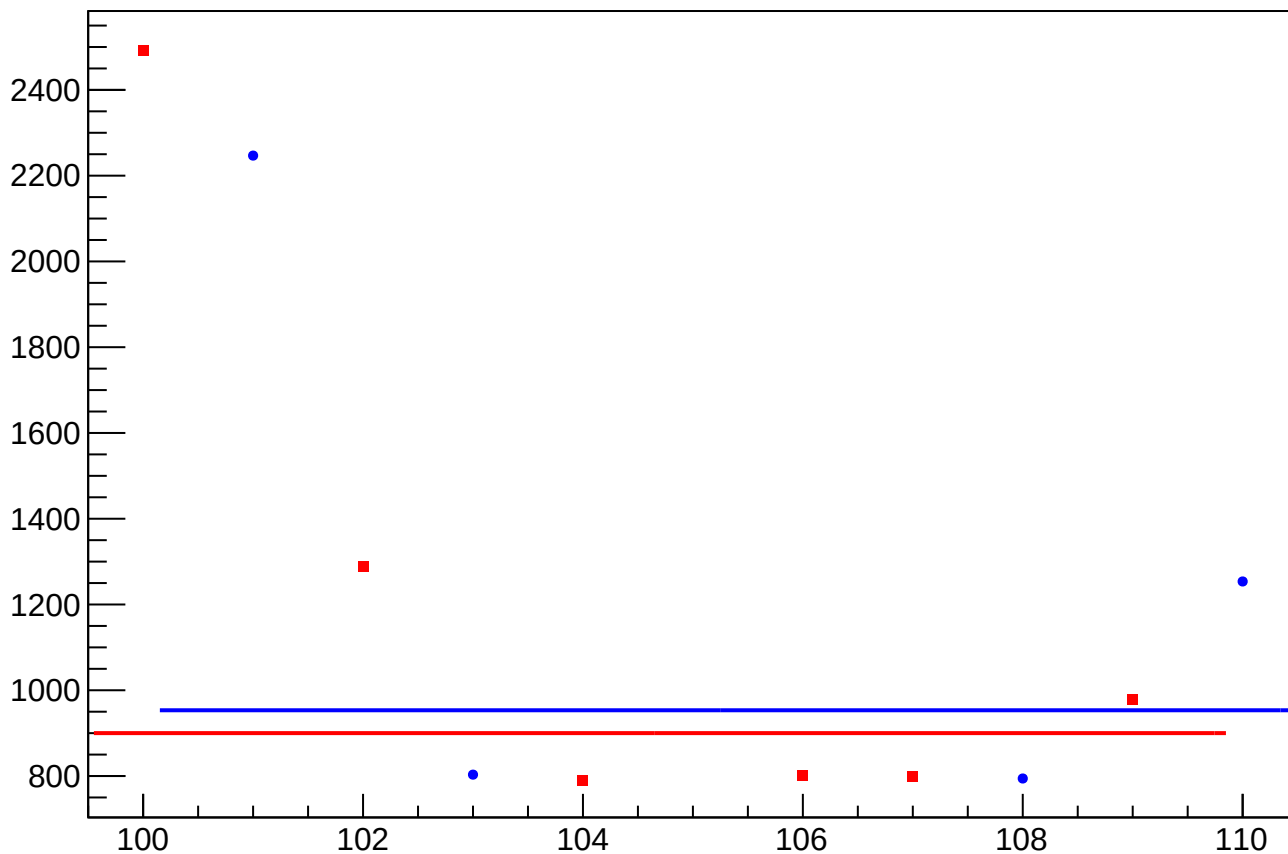
Right: -677.064+/-477.924 χ^2/NDF : 9.0/9

In: -437.760+/-719.163 χ^2/NDF : 6.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -677.064+/-477.924 χ^2/NDF : 9.0/9

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 953.345+/-0.509 χ^2/NDF : 552951.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 900.073+/-0.450 χ^2/NDF : 187831.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

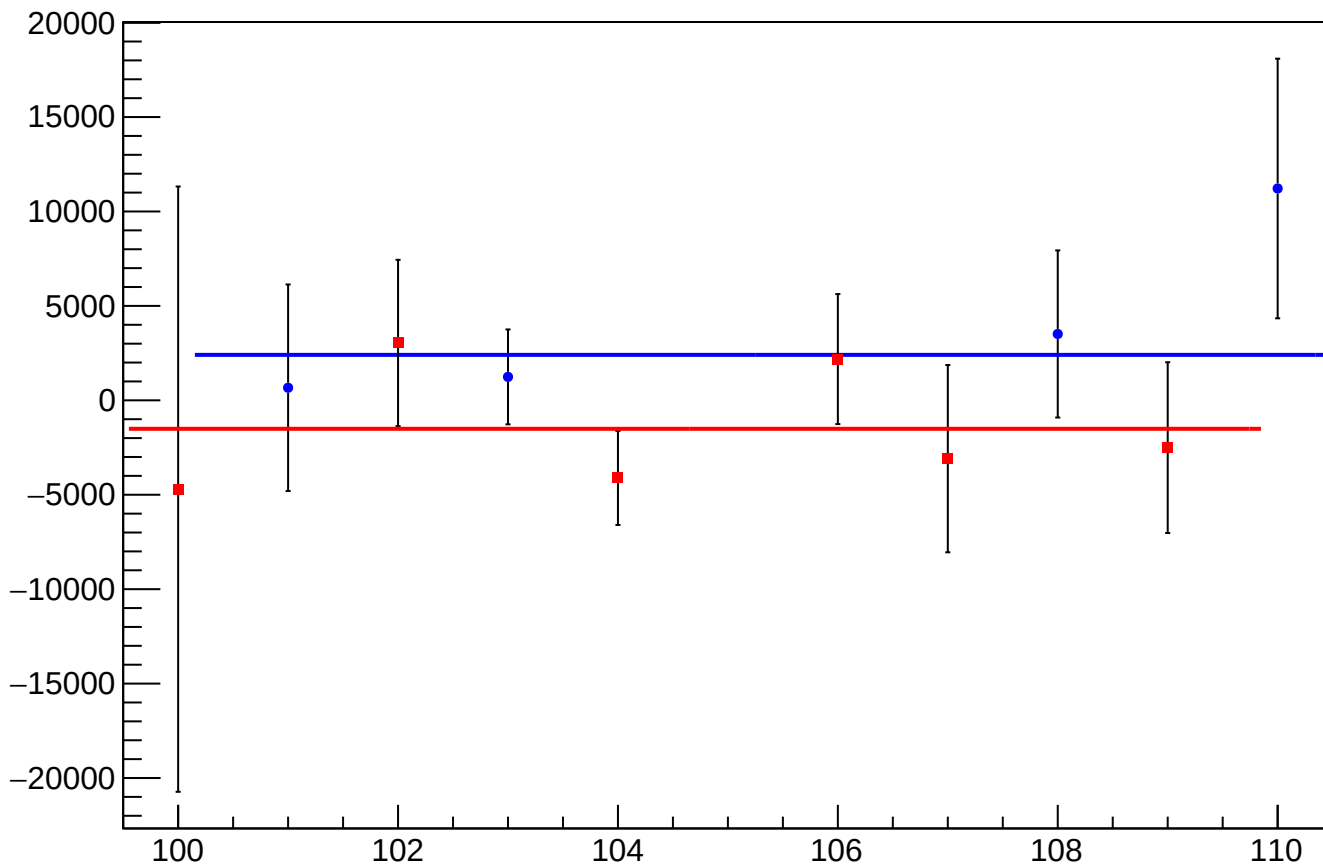
Right: 923.477+/-0.337 χ^2/NDF : 746935.8/9

In: 953.345+/-0.509 χ^2/NDF : 552951.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.477+/-0.337 χ^2/NDF : 746935.8/9

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2407.281+/-1946.088 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1507.723+/-1599.328 χ^2/NDF : 3.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

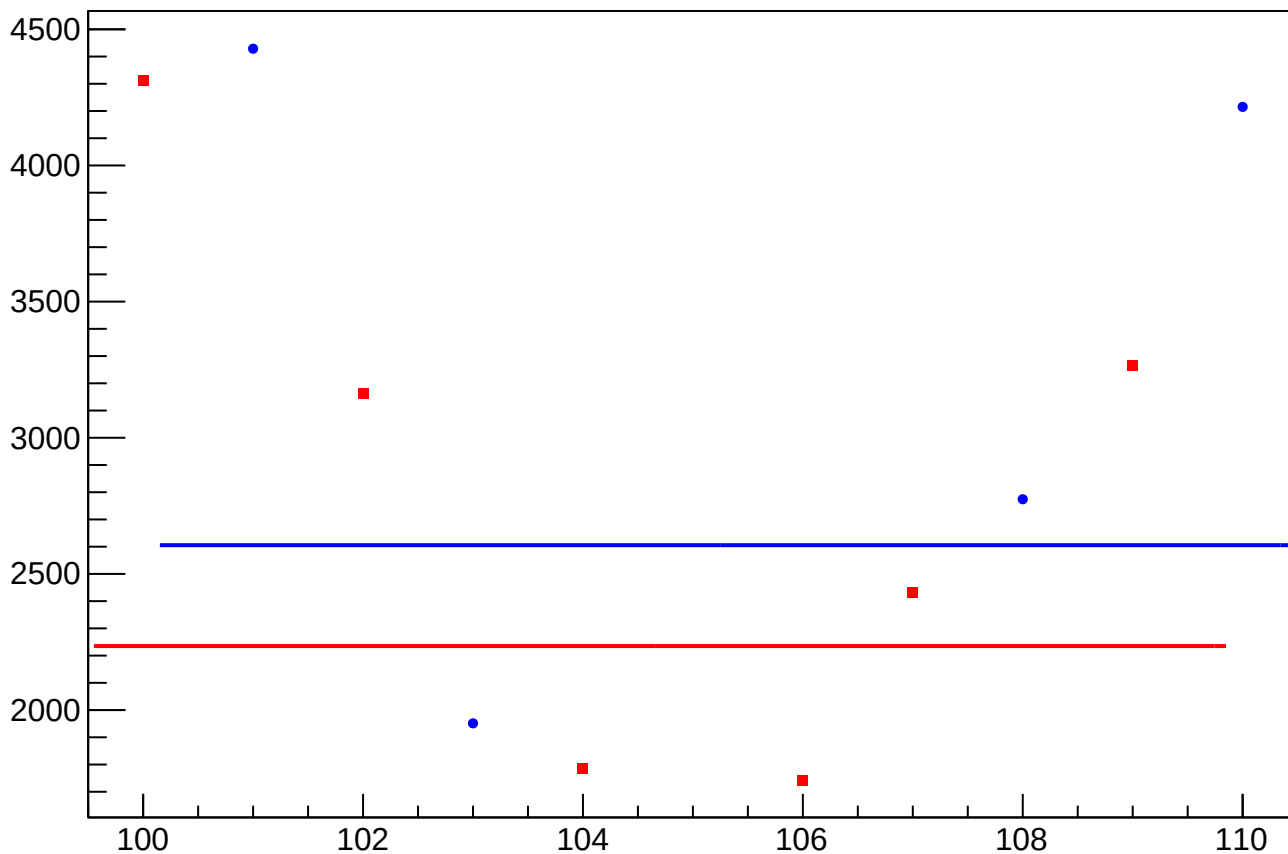
Right: 70.500+/-1235.607 χ^2/NDF : 7.9/9

In: 2407.281+/-1946.088 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.500+/-1235.607 χ^2/NDF : 7.9/9

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2605.522+/-1.376 χ^2/NDF : 470372.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2235.062+/-1.131 χ^2/NDF : 336584.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

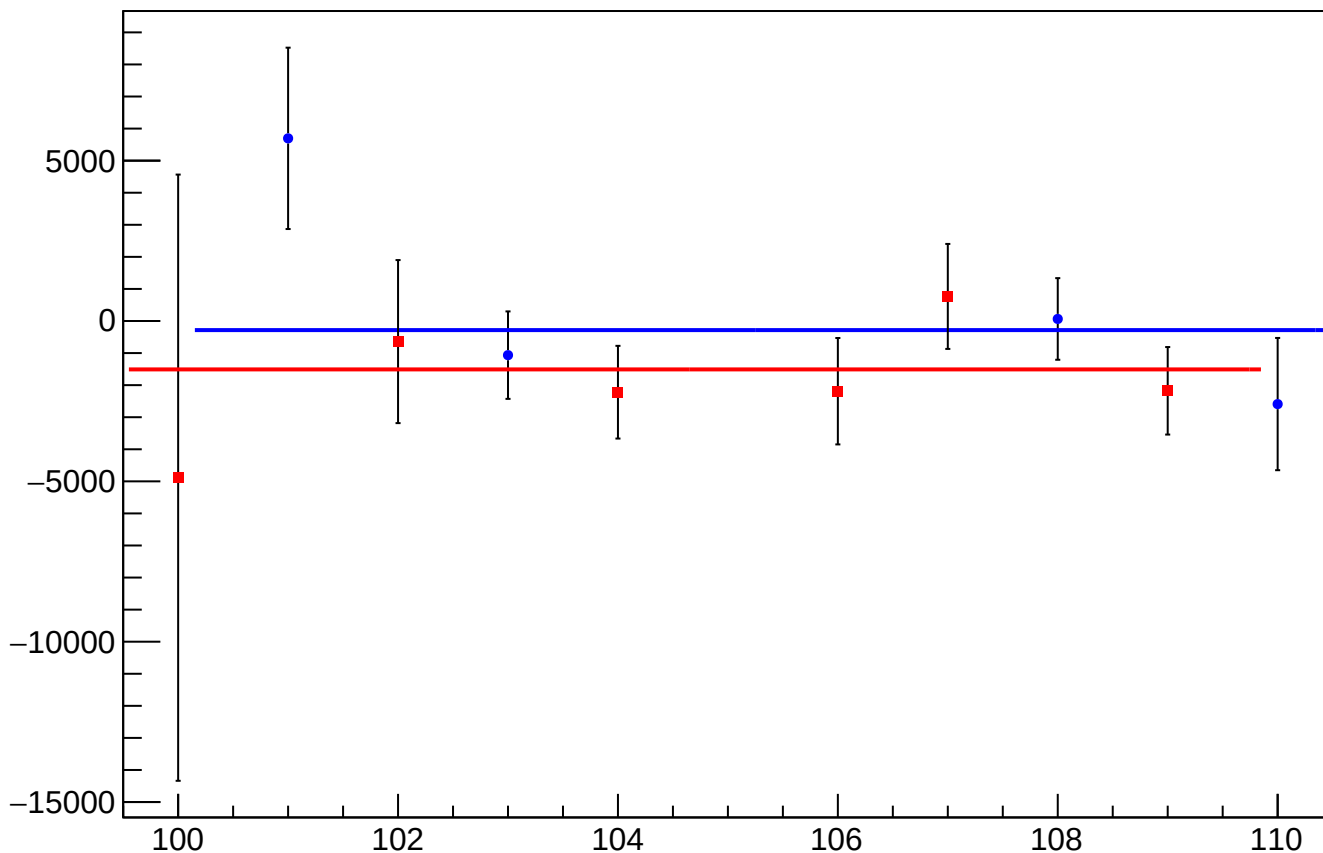
Right: 2384.402+/-0.874 χ^2/NDF : 850215.4/9

In: 2605.522+/-1.376 χ^2/NDF : 470372.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2384.402+/-0.874 χ^2/NDF : 850215.4/9

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -283.625+/-812.321 χ^2 /NDF: 6.1/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1509.372+/-722.034 χ^2 /NDF: 2.8/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

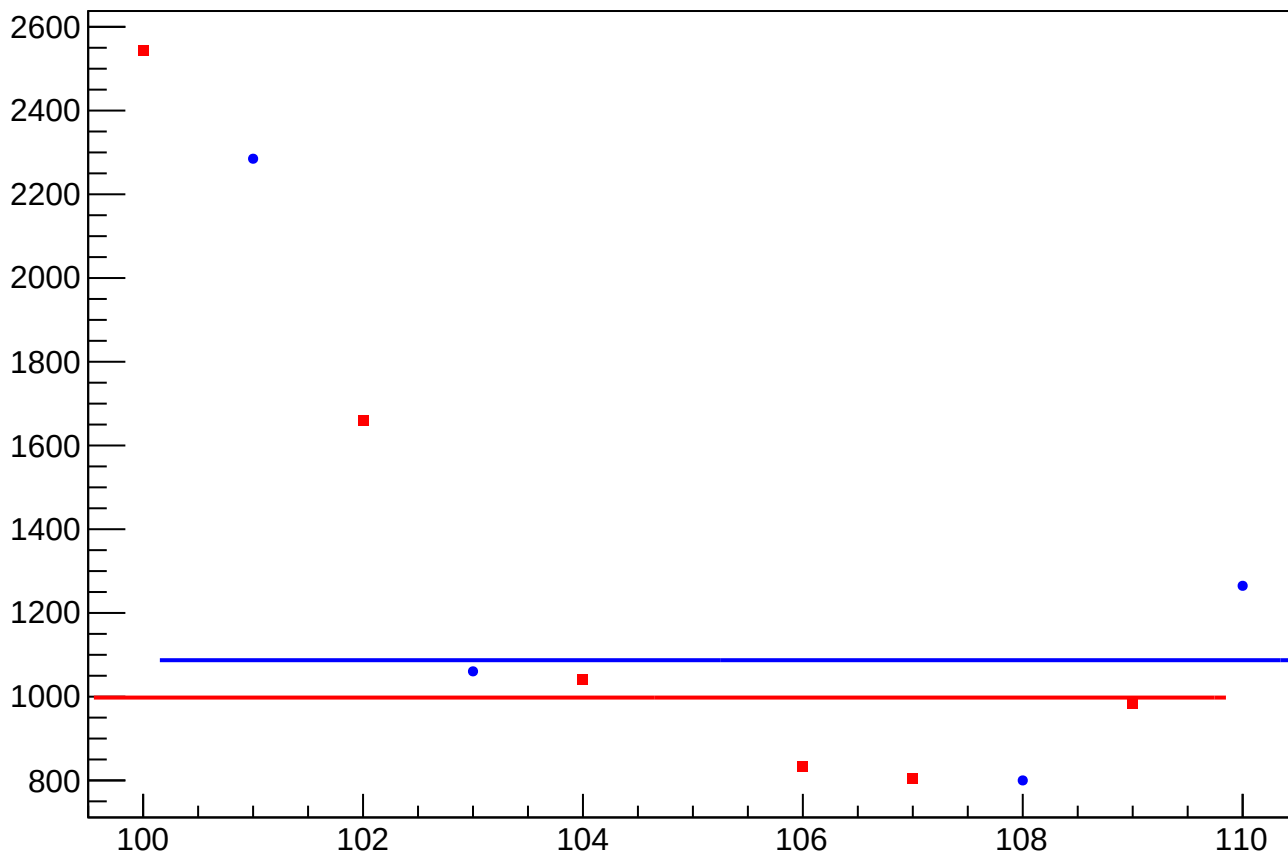
Right: -968.377+/-539.664 χ^2 /NDF: 10.2/9

In: -283.625+/-812.321 χ^2 /NDF:6.1/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -968.377+/-539.664 χ^2 /NDF: 10.2/9

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1087.142+/-0.574 χ^2/NDF : 476385.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 997.873+/-0.510 χ^2/NDF : 238618.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

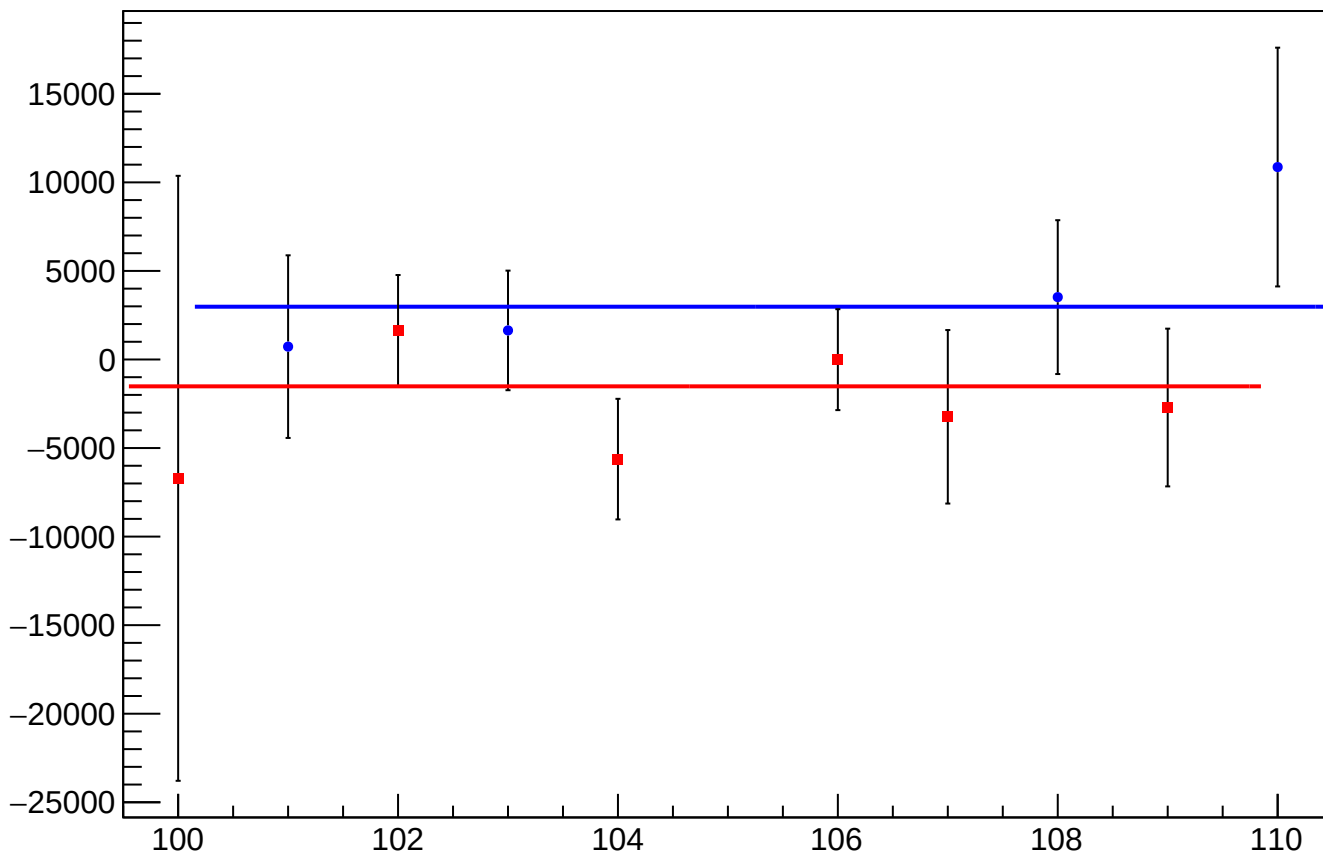
Right: 1037.217+/-0.381 χ^2/NDF : 728512.7/9

In: 1087.142+/-0.574 χ^2/NDF : 476385.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1037.217+/-0.381 χ^2/NDF : 728512.7/9

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2979.624 $\pm$ 2233.883 χ^2 /NDF: 1.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1516.476 $\pm$ 1568.741 χ^2 /NDF: 3.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

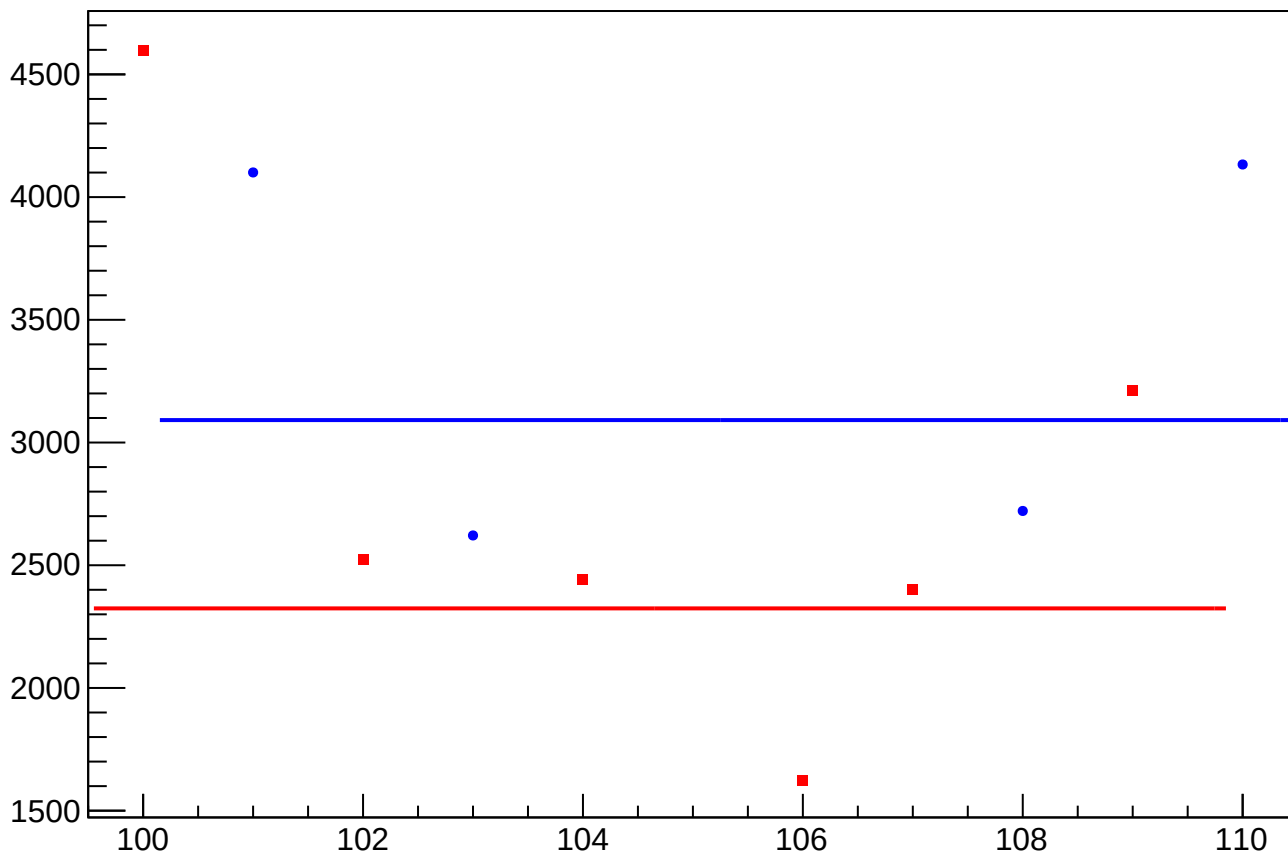
Right: -31.521 $\pm$ 1283.805 χ^2 /NDF: 7.5/9

In: 2979.624 $\pm$ 2233.883 χ^2 /NDF:1.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.521 $\pm$ 1283.805 χ^2 /NDF: 7.5/9

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3091.462+/-1.580 χ^2/NDF : 177649.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2324.190+/-1.109 χ^2/NDF : 246995.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

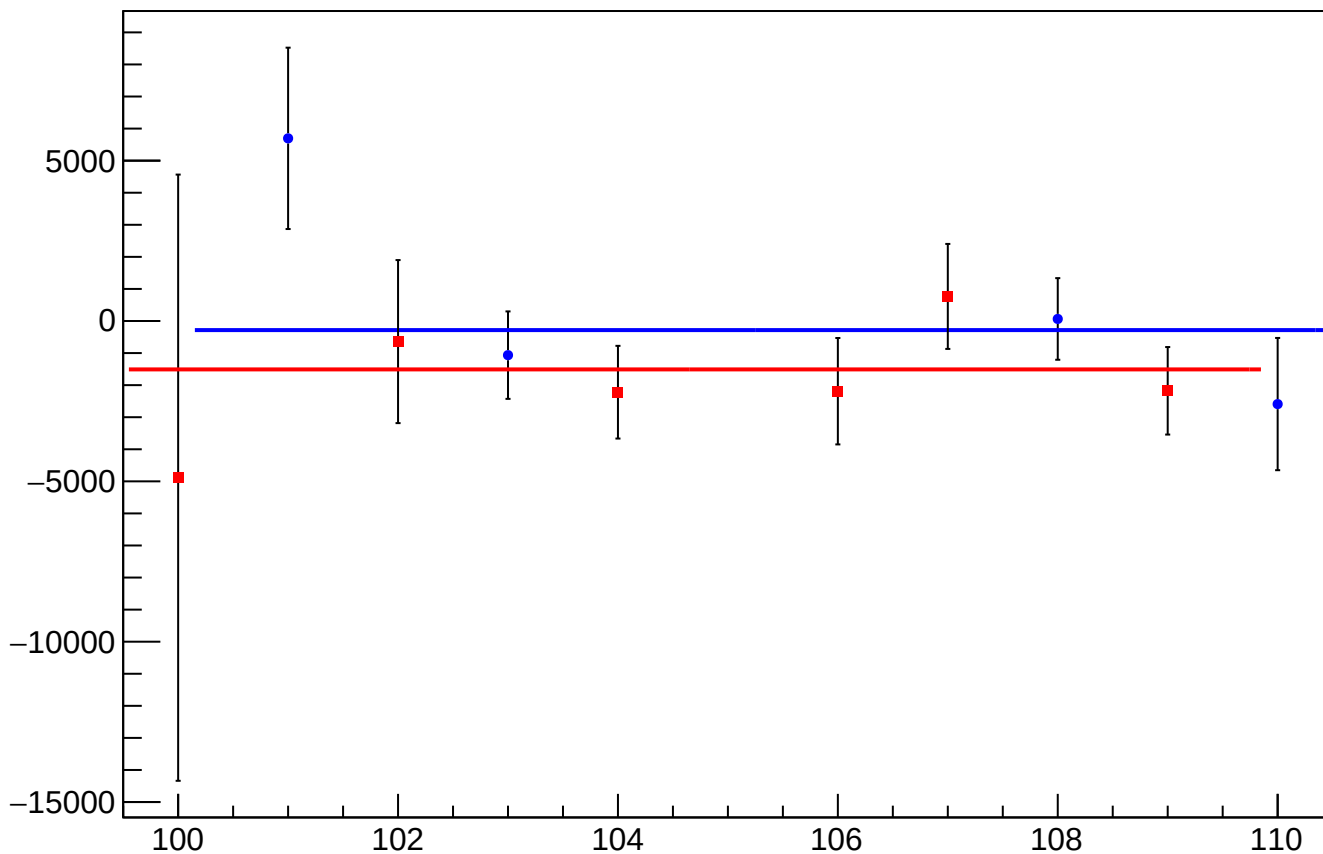
Right: 2577.602+/-0.908 χ^2/NDF : 582661.7/9

In: 3091.462+/-1.580 χ^2/NDF : 177649.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2577.602+/-0.908 χ^2/NDF : 582661.7/9

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -283.624+/-812.321 χ^2/NDF : 6.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1509.375+/-722.034 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

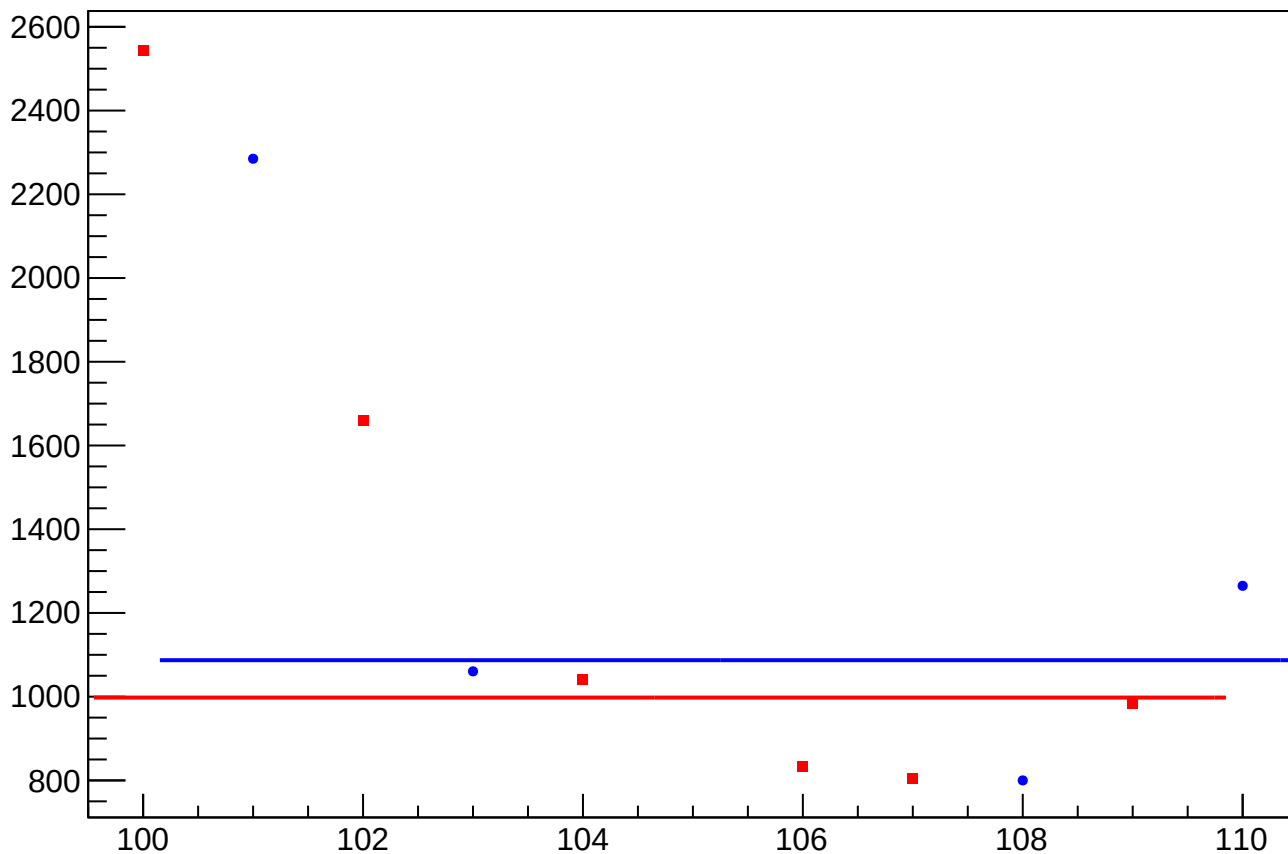
Right: -968.378+/-539.665 χ^2/NDF : 10.2/9

In: -283.624+/-812.321 χ^2/NDF : 6.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -968.378+/-539.665 χ^2/NDF : 10.2/9

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1087.142+/-0.574 χ^2/NDF : 476386.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 997.873+/-0.510 χ^2/NDF : 238619.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

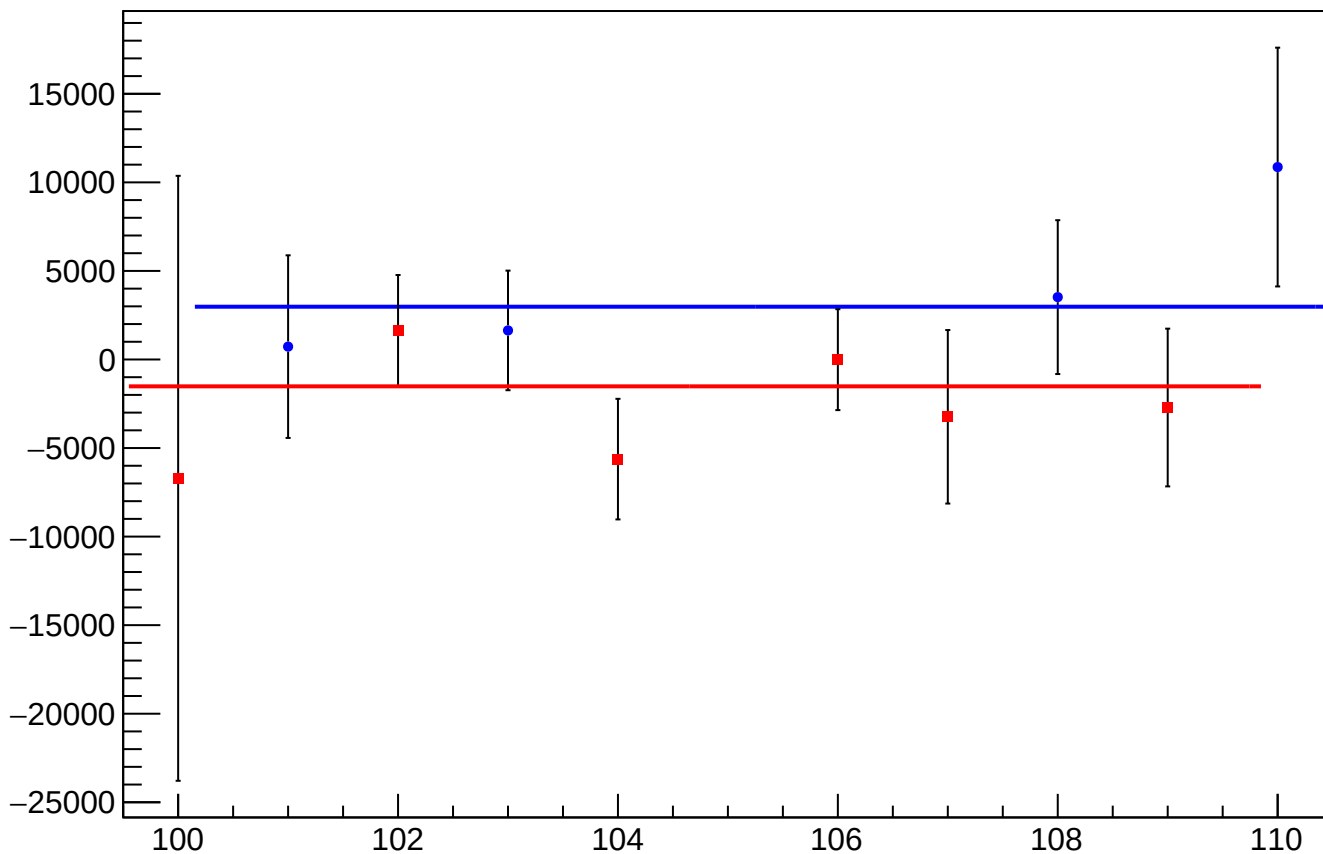
Right: 1037.218+/-0.381 χ^2/NDF : 728513.3/9

In: 1087.142+/-0.574 χ^2/NDF : 476386.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1037.218+/-0.381 χ^2/NDF : 728513.3/9

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2979.629+/-2233.885 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1516.486+/-1568.739 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

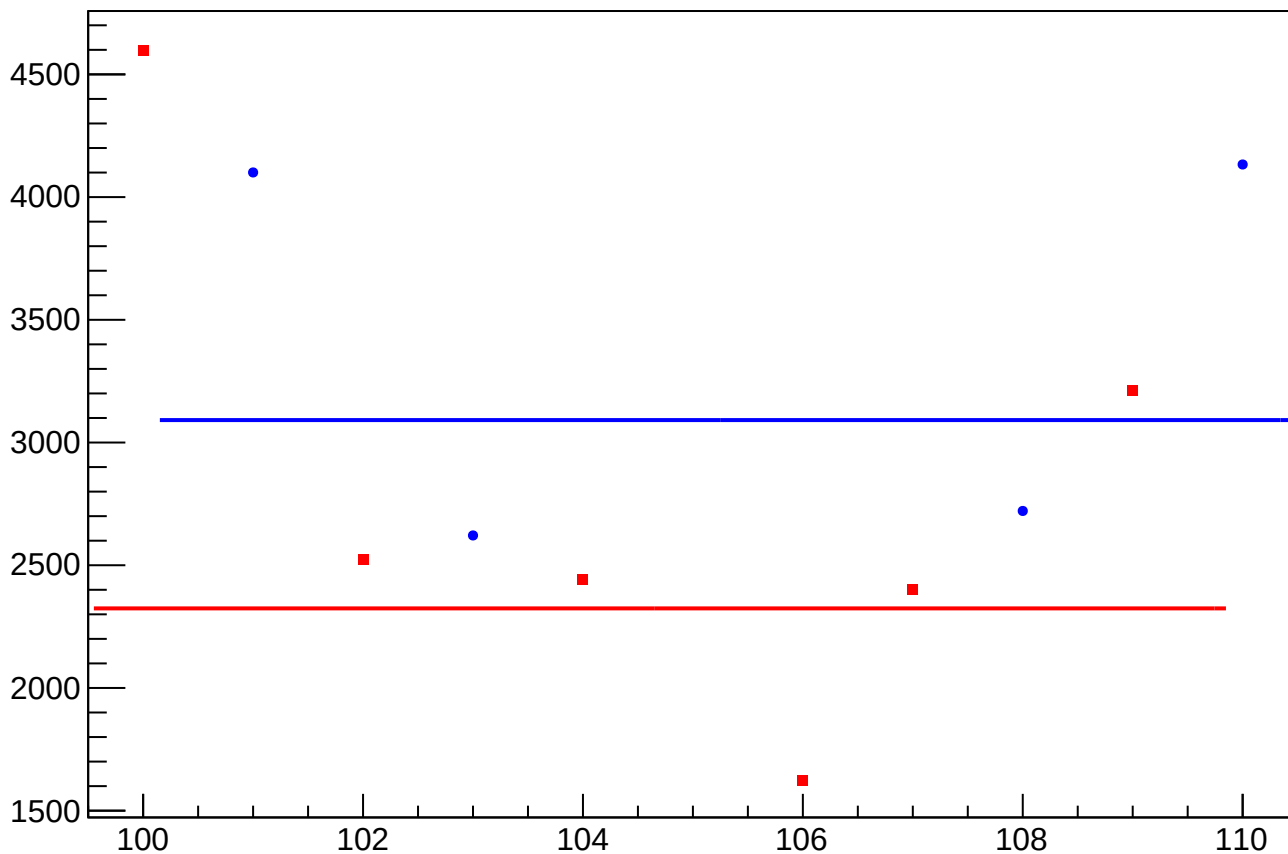
Right: -31.530+/-1283.804 χ^2/NDF : 7.5/9

In: 2979.629+/-2233.885 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.530+/-1283.804 χ^2/NDF : 7.5/9

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3091.464+/-1.580 χ^2/NDF : 177647.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2324.186+/-1.109 χ^2/NDF : 246998.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

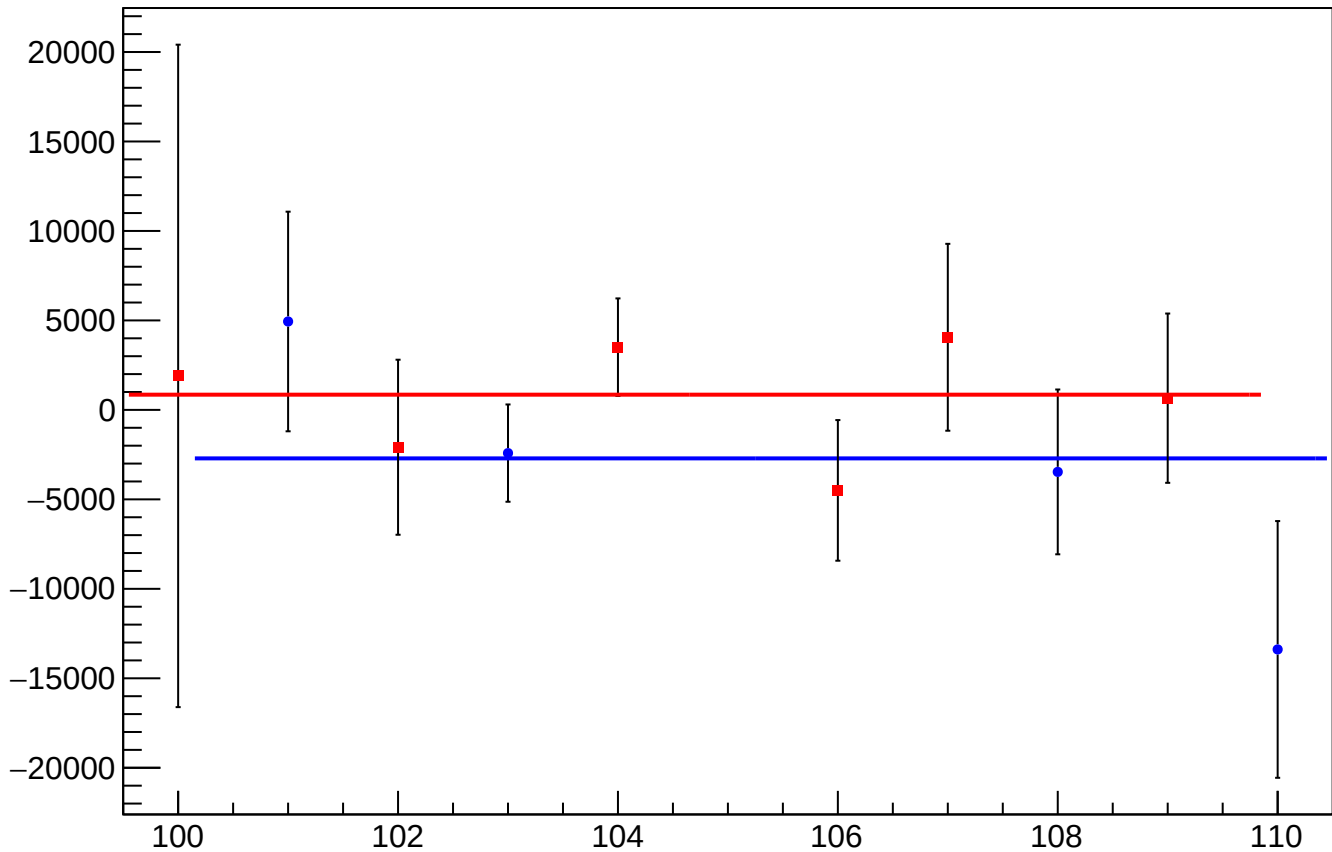
Right: 2577.599+/-0.908 χ^2/NDF : 582665.2/9

In: 3091.464+/-1.580 χ^2/NDF : 177647.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2577.599+/-0.908 χ^2/NDF : 582665.2/9

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -2710.160+/-2092.038 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 850.163+/-1753.025 χ^2/NDF : 3.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

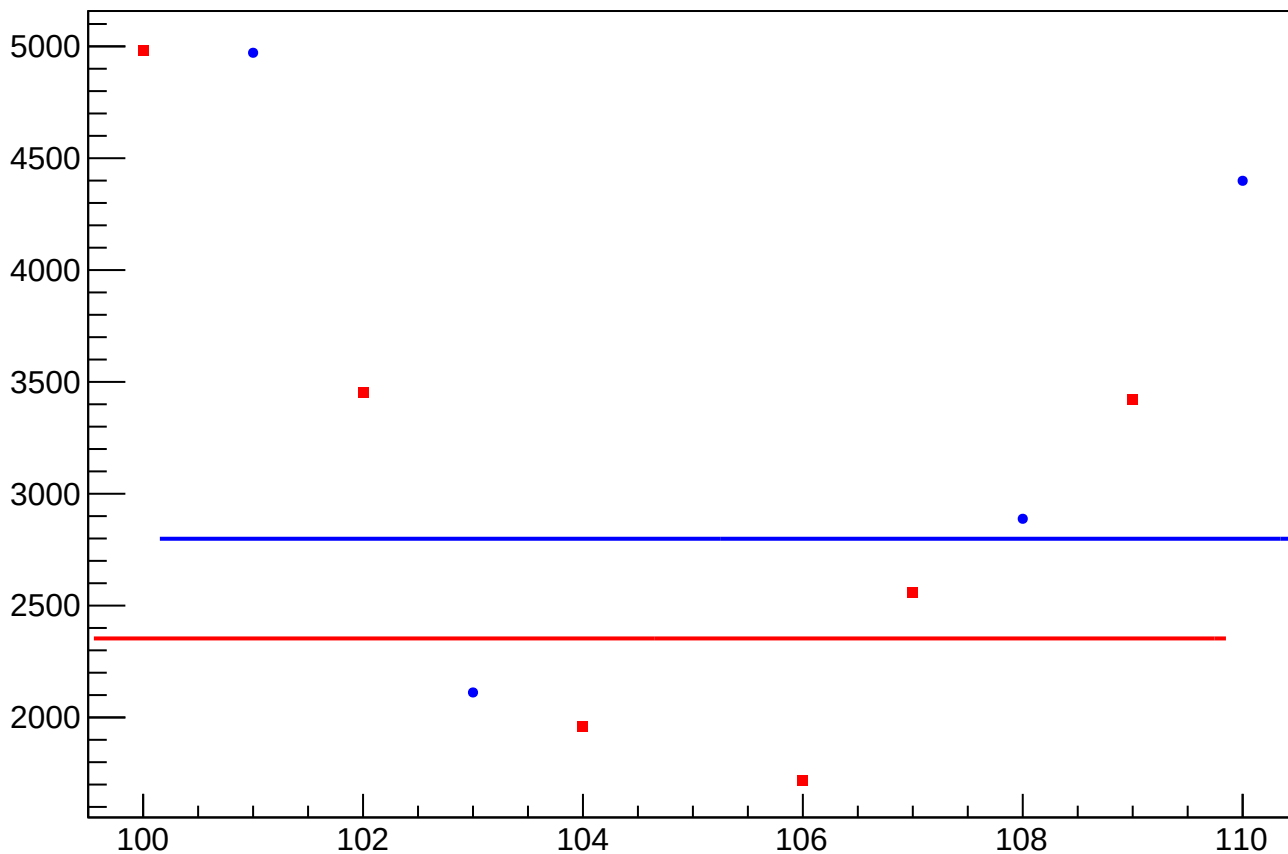
Right: -618.512+/-1343.655 χ^2/NDF : 9.1/9

In: -2710.160+/-2092.038 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -618.512+/-1343.655 χ^2/NDF : 9.1/9

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 2798.832+/-1.479 χ^2/NDF : 478760.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2353.172+/-1.198 χ^2/NDF : 358716.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

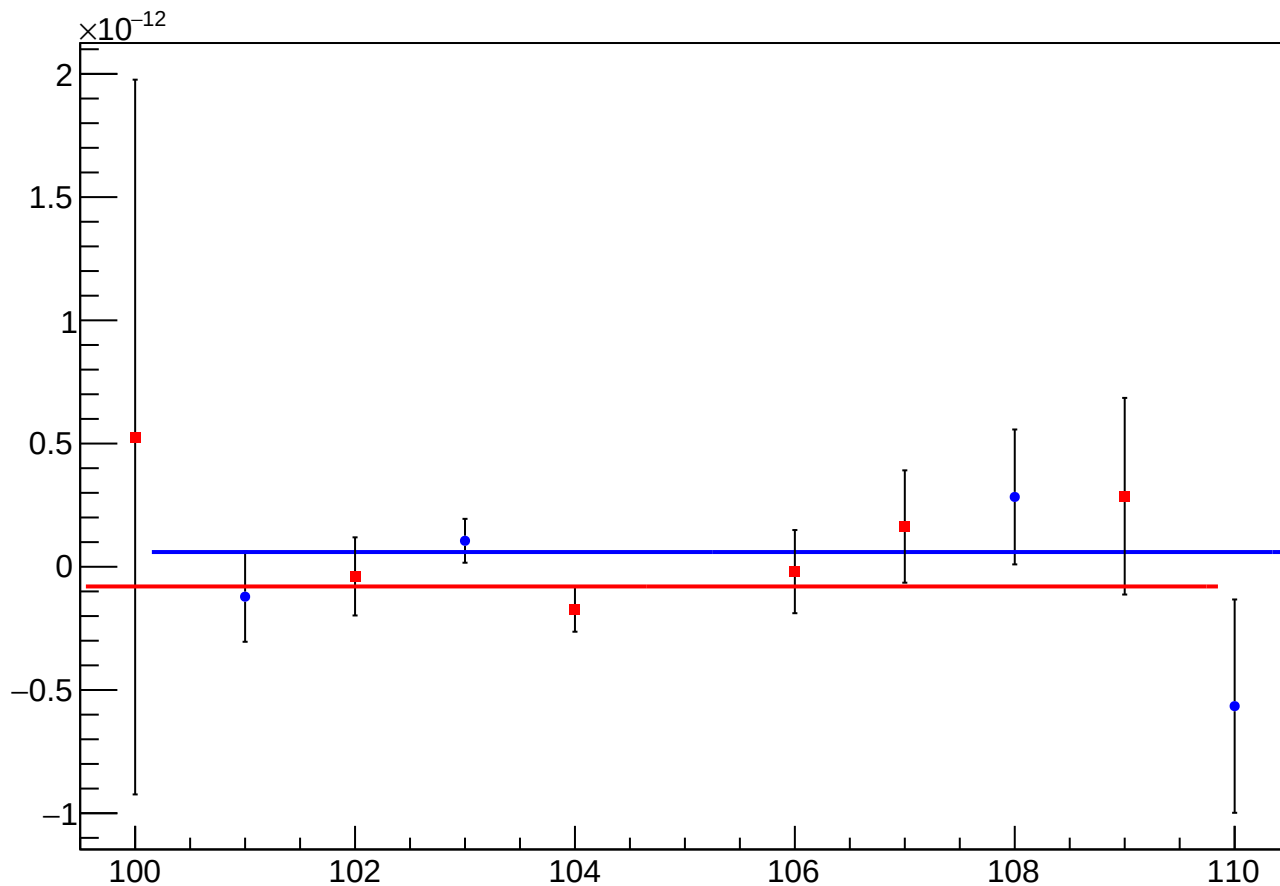
Right: 2529.706+/-0.931 χ^2/NDF : 892284.8/9

In: 2798.832+/-1.479 χ^2/NDF : 478760.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2529.706+/-0.931 χ^2/NDF : 892284.8/9

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

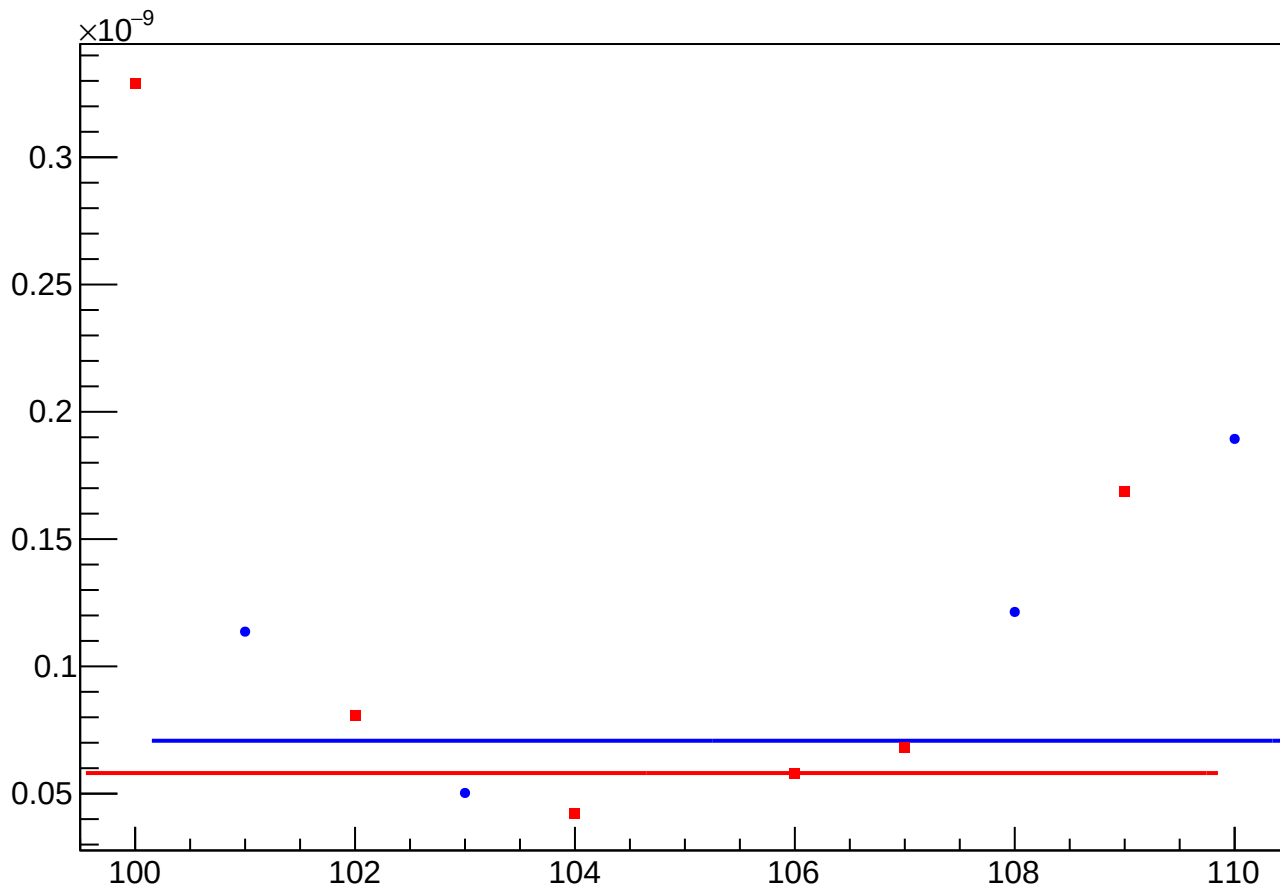
Right: -0.000+/-0.000 χ^2/NDF : 9.3/9

In: 0.000+/-0.000 χ^2/NDF : 4.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.3/9

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 434373.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 328432.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

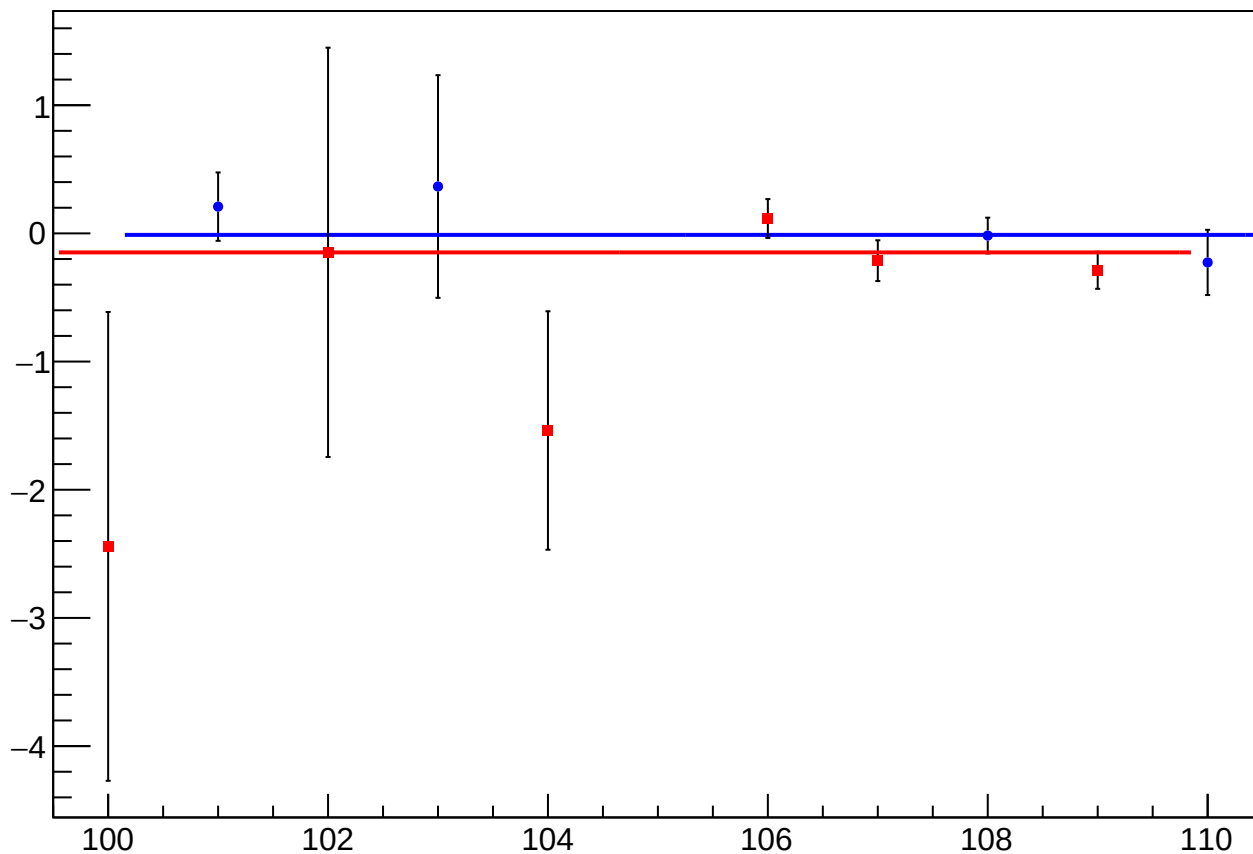
Right: 0.000+/-0.000 χ^2/NDF : 794200.1/9

In: 0.000+/-0.000 χ^2/NDF : 434373.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 794200.1/9

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 ± 0.110 χ^2/NDF : 1.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.148 ± 0.087 χ^2/NDF : 7.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

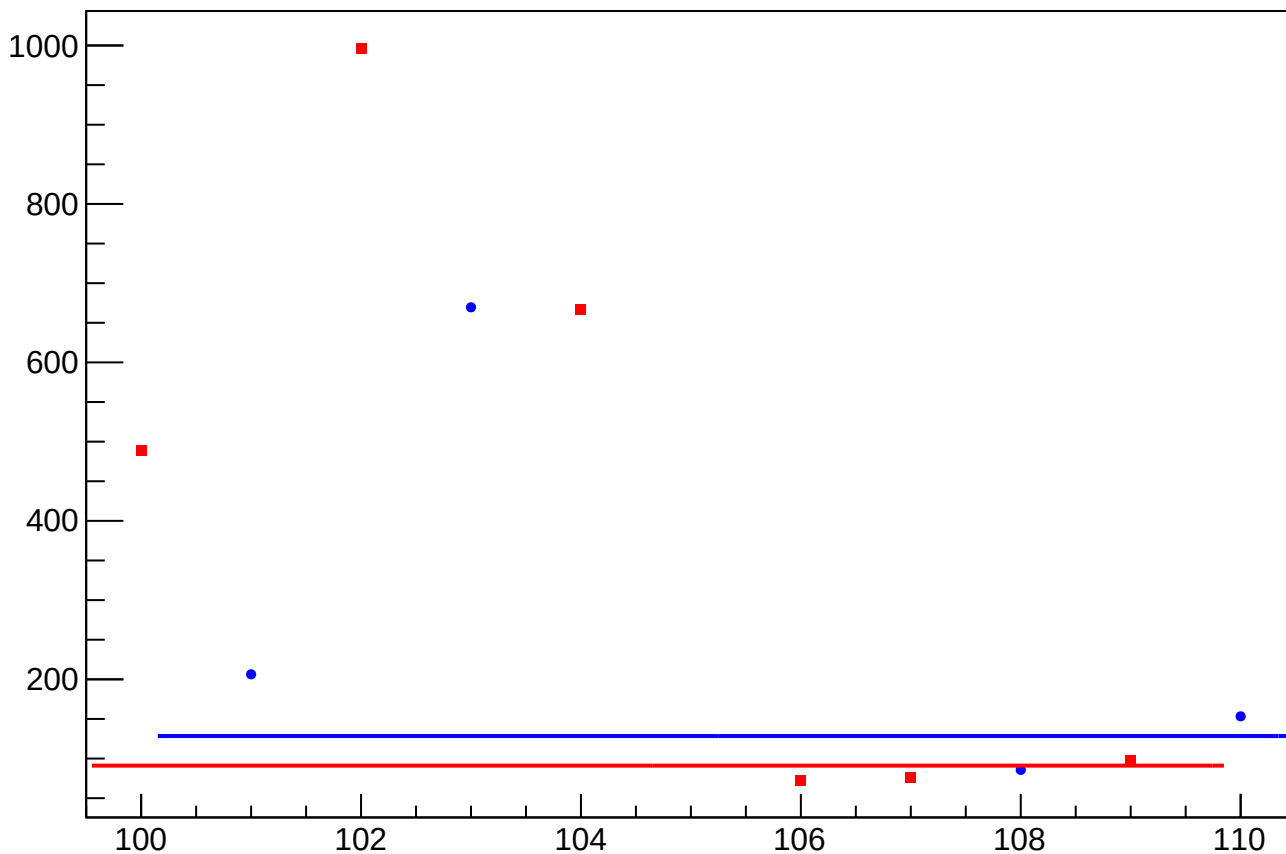
Right: -0.096 ± 0.068 χ^2/NDF : 10.5/9

In: -0.012 ± 0.110 χ^2/NDF : 1.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.096 ± 0.068 χ^2/NDF : 10.5/9

asym_usr_atr2_dd_dit_vs_Slug, Sign Corrected



Right In: 128.428+/-0.078 χ^2/NDF : 1153527.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 91.079+/-0.061 χ^2/NDF : 1559426.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

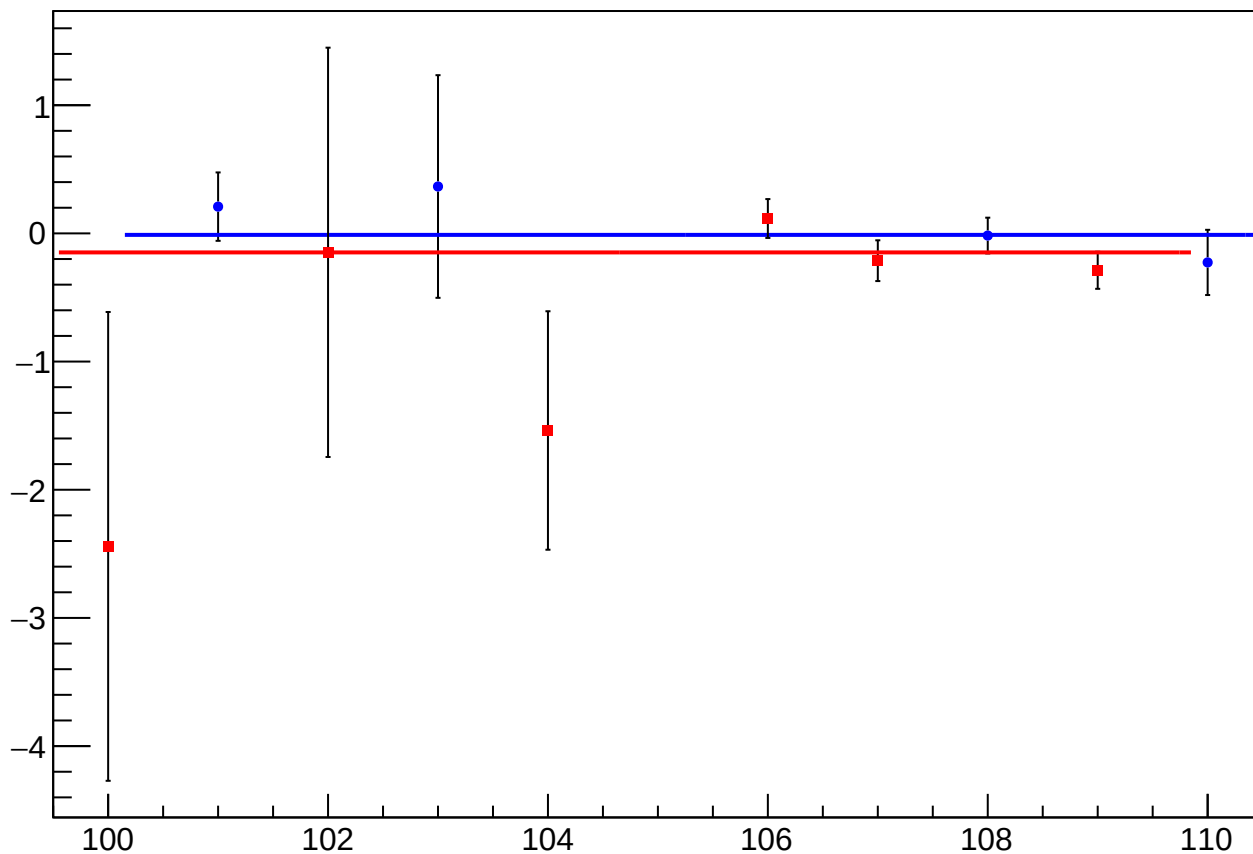
Right: 105.367+/-0.048 χ^2/NDF : 2854529.4/9

In: 128.428+/-0.078 χ^2/NDF :1153527.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 105.367+/-0.048 χ^2/NDF : 2854529.4/9

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.110 χ^2 /NDF: 1.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.148 $\pm$ 0.087 χ^2 /NDF: 7.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

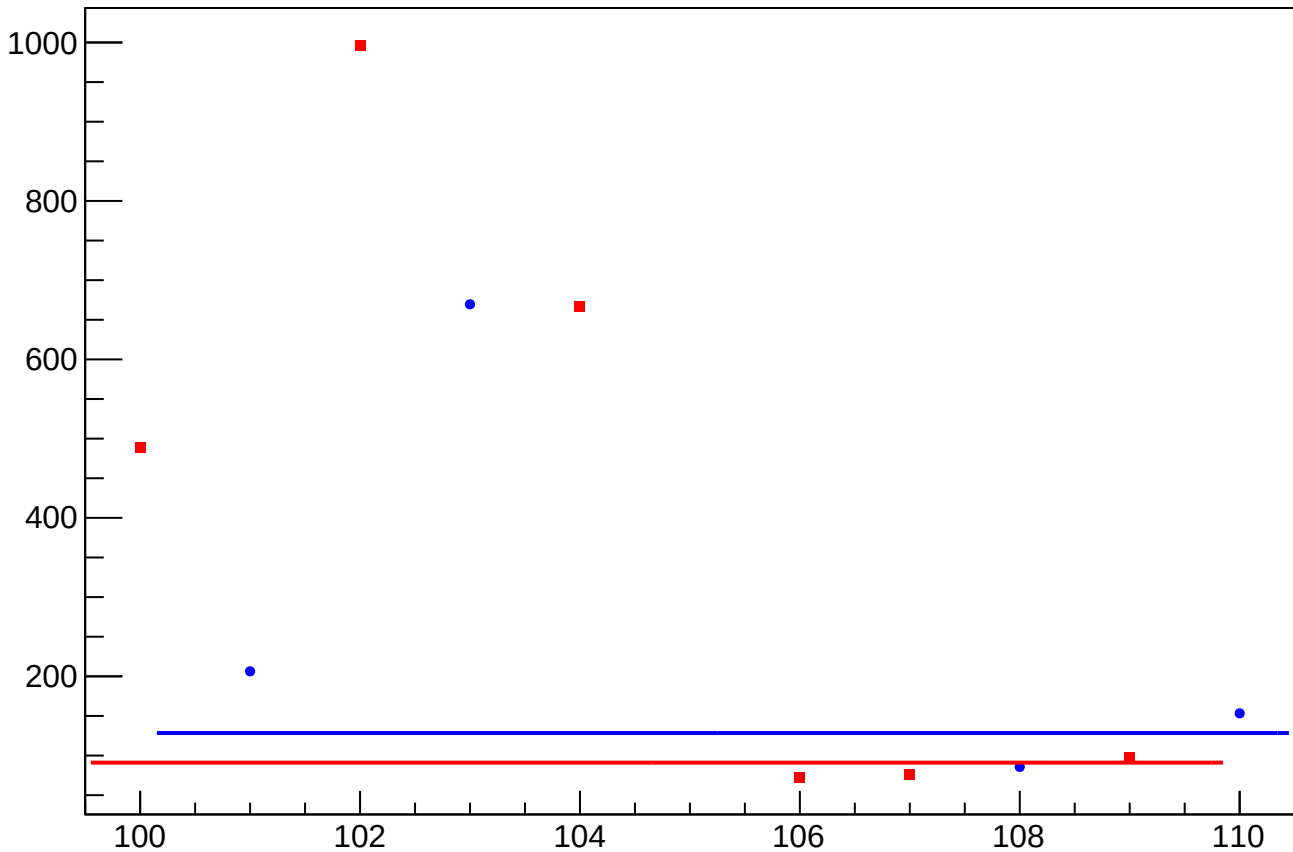
Right: -0.096 $\pm$ 0.068 χ^2 /NDF: 10.5/9

In: -0.012 $\pm$ 0.110 χ^2 /NDF:1.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.096 $\pm$ 0.068 χ^2 /NDF: 10.5/9

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.428+/-0.078 χ^2/NDF : 1153527.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.079+/-0.061 χ^2/NDF : 1559426.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

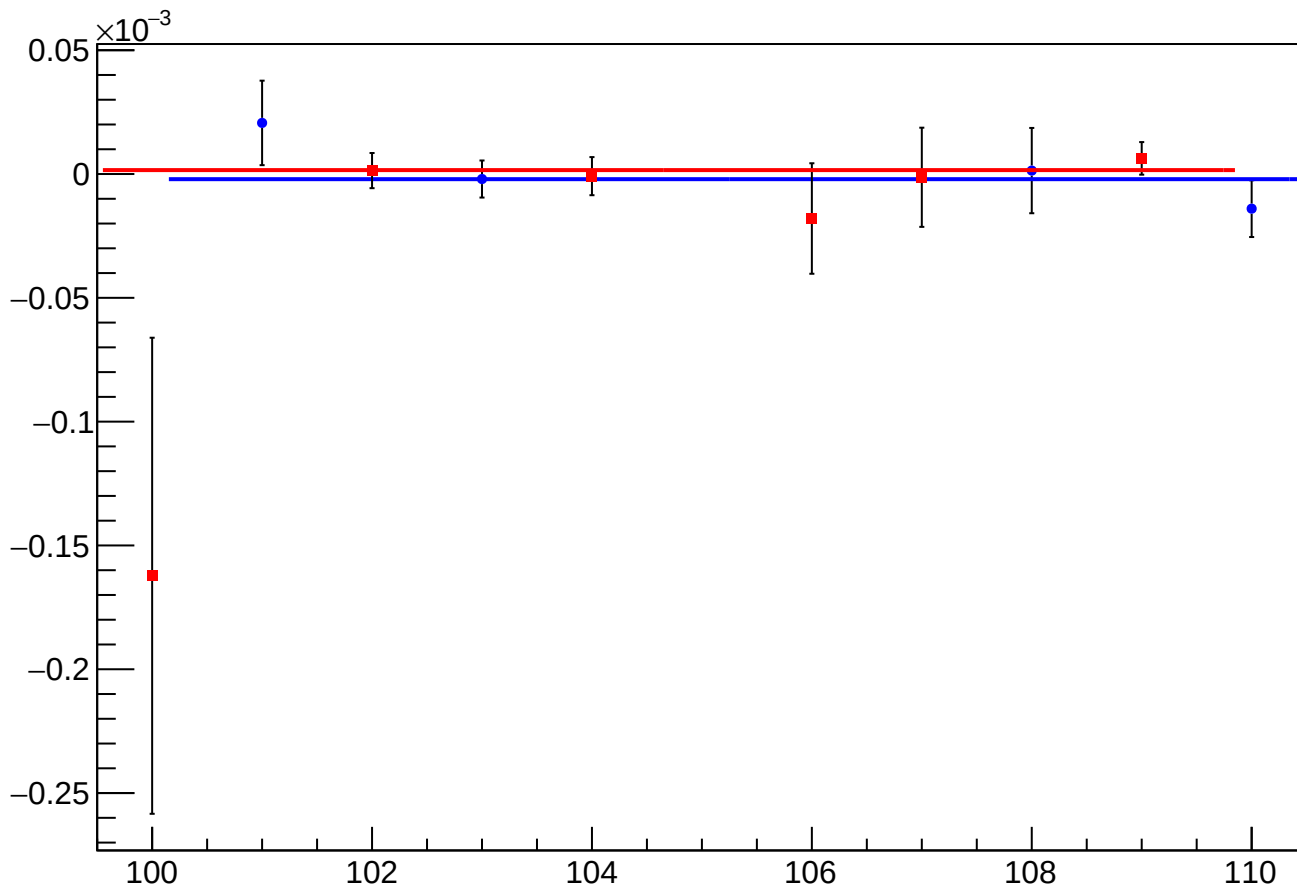
Right: 105.367+/-0.048 χ^2/NDF : 2854529.4/9

In: 128.428+/-0.078 χ^2/NDF : 1153527.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.367+/-0.048 χ^2/NDF : 2854529.4/9

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 4.3/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

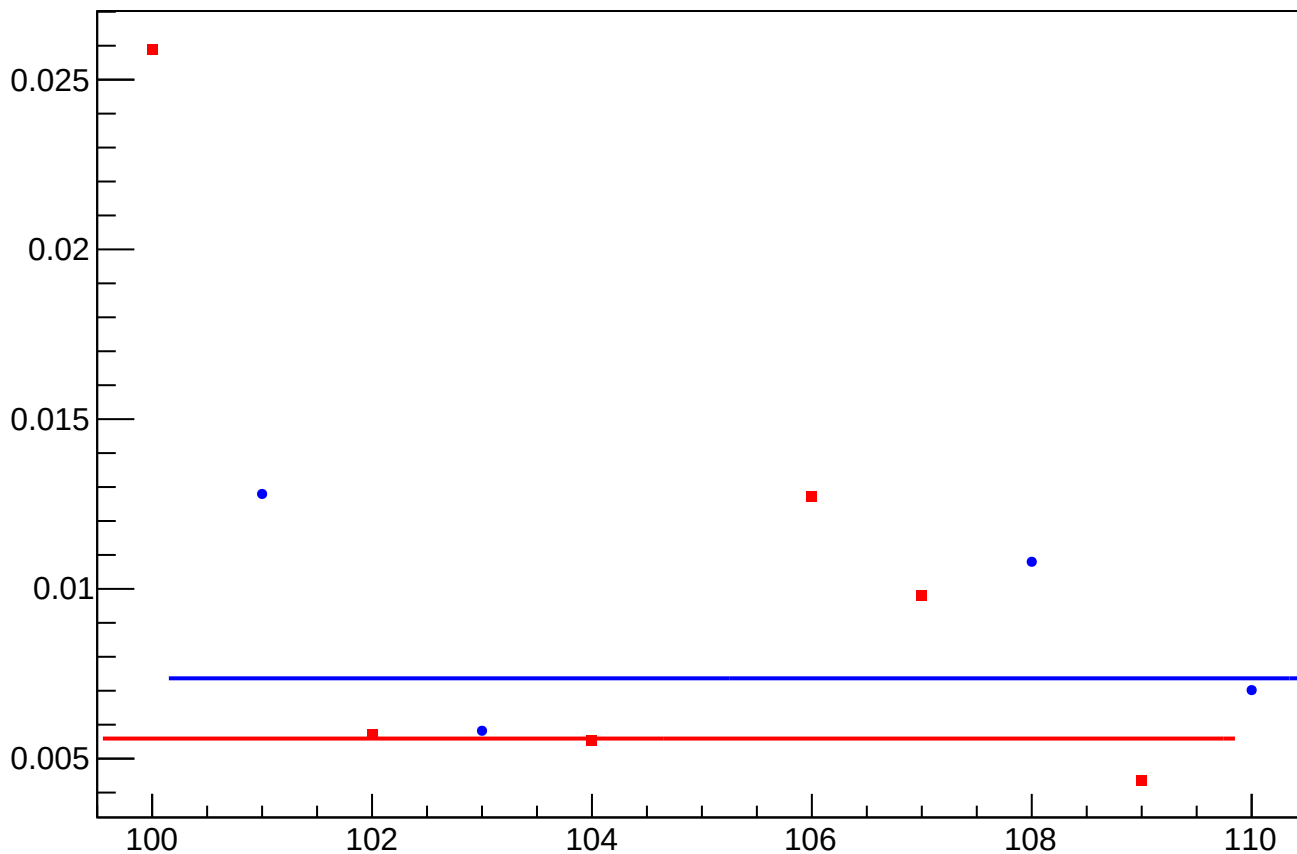
Right: 0.000+/-0.000 χ^2 /NDF: 7.5/9

In: -0.000+/-0.000 χ^2 /NDF: 2.9/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 7.5/9

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 369238.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 454000.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

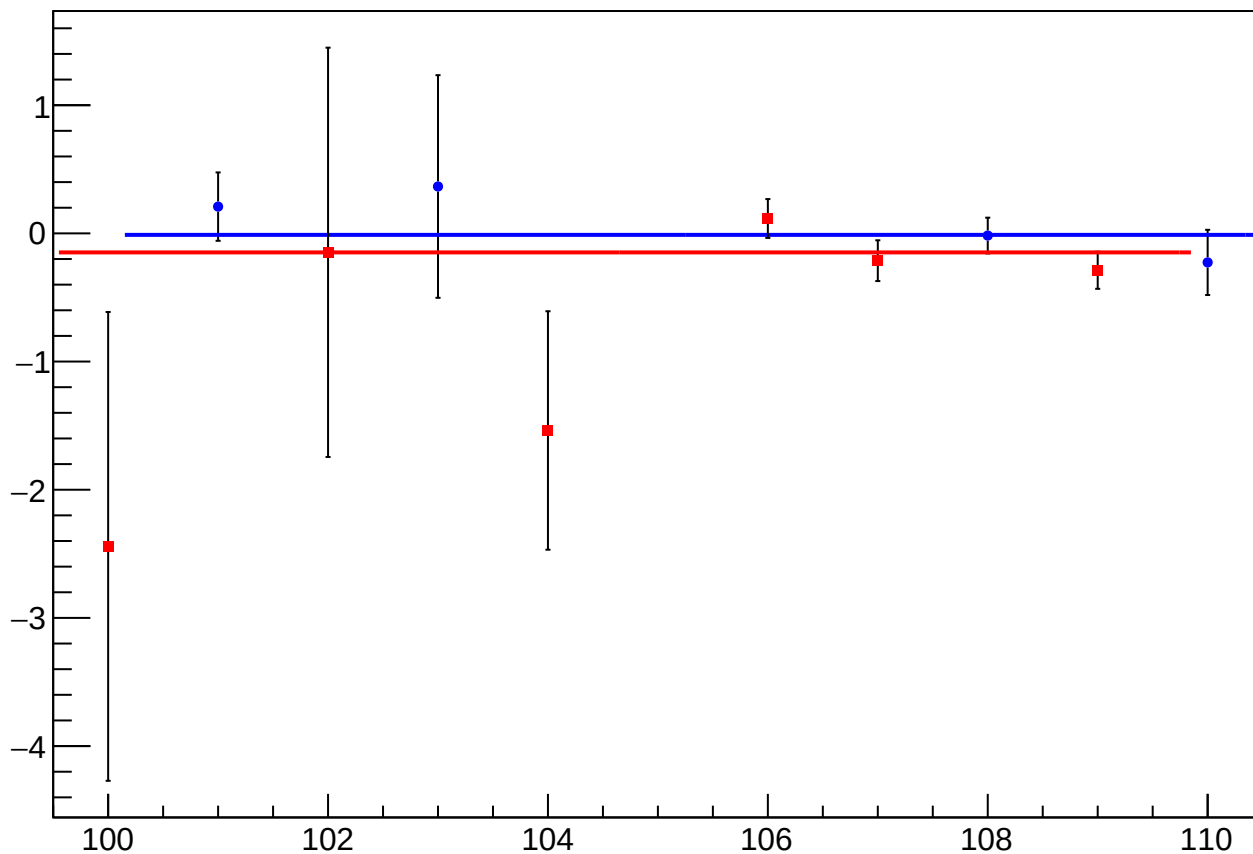
Right: 0.006+/-0.000 χ^2/NDF : 958619.9/9

In: 0.007+/-0.000 χ^2/NDF : 369238.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 958619.9/9

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.110 χ^2 /NDF: 1.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.148 $\pm$ 0.087 χ^2 /NDF: 7.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

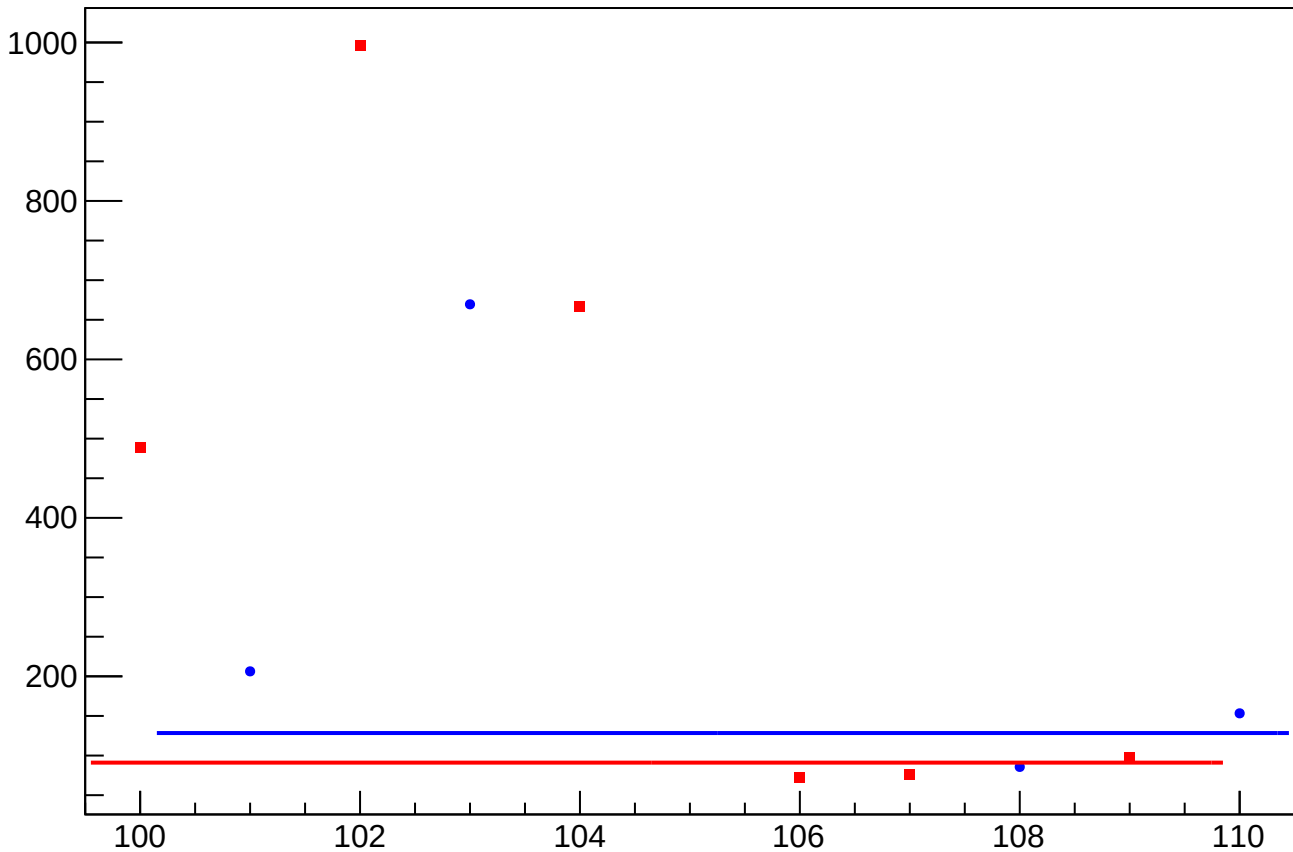
Right: -0.096 $\pm$ 0.068 χ^2 /NDF: 10.5/9

In: -0.012 $\pm$ 0.110 χ^2 /NDF:1.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.096 $\pm$ 0.068 χ^2 /NDF: 10.5/9

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.422+/-0.078 χ^2/NDF : 1153586.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.079+/-0.061 χ^2/NDF : 1559426.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

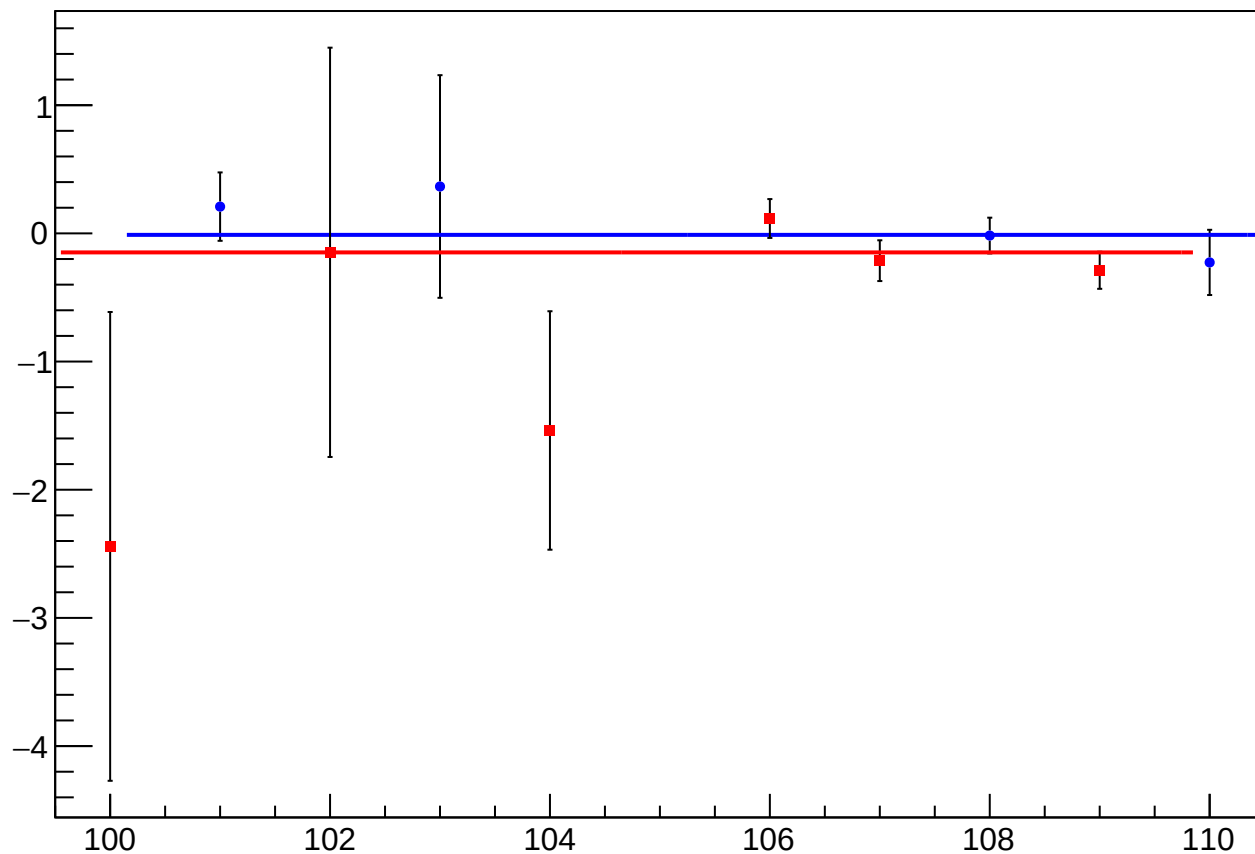
Right: 105.365+/-0.048 χ^2/NDF : 2854552.0/9

In: 128.422+/-0.078 χ^2/NDF : 1153586.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.365+/-0.048 χ^2/NDF : 2854552.0/9

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.110 χ^2 /NDF: 1.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.148 $\pm$ 0.087 χ^2 /NDF: 7.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

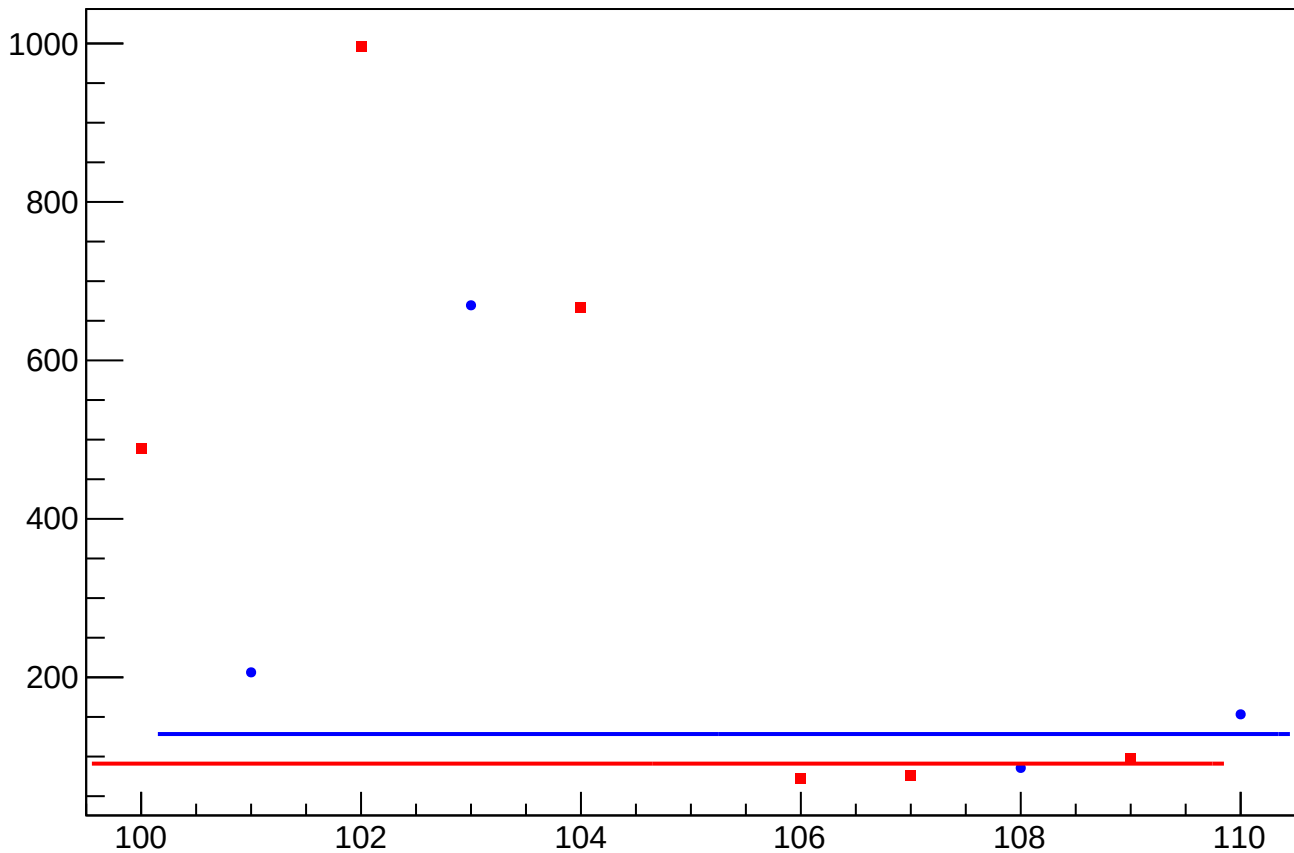
Right: -0.096 $\pm$ 0.068 χ^2 /NDF: 10.5/9

In: -0.012 $\pm$ 0.110 χ^2 /NDF:1.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.096 $\pm$ 0.068 χ^2 /NDF: 10.5/9

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.422+/-0.078 χ^2/NDF : 1153586.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.079+/-0.061 χ^2/NDF : 1559426.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

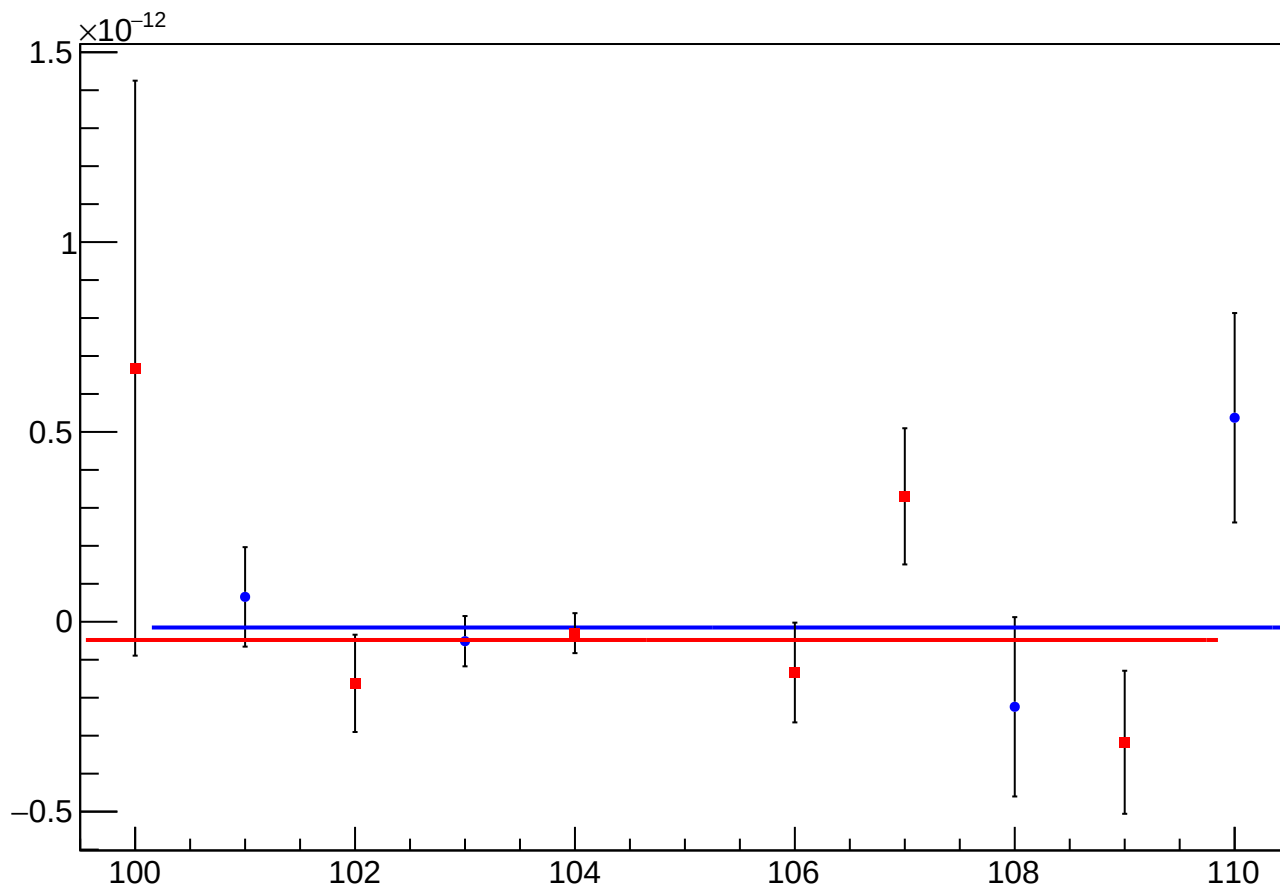
Right: 105.365+/-0.048 χ^2/NDF : 2854552.0/9

In: 128.422+/-0.078 χ^2/NDF : 1153586.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.365+/-0.048 χ^2/NDF : 2854552.0/9

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

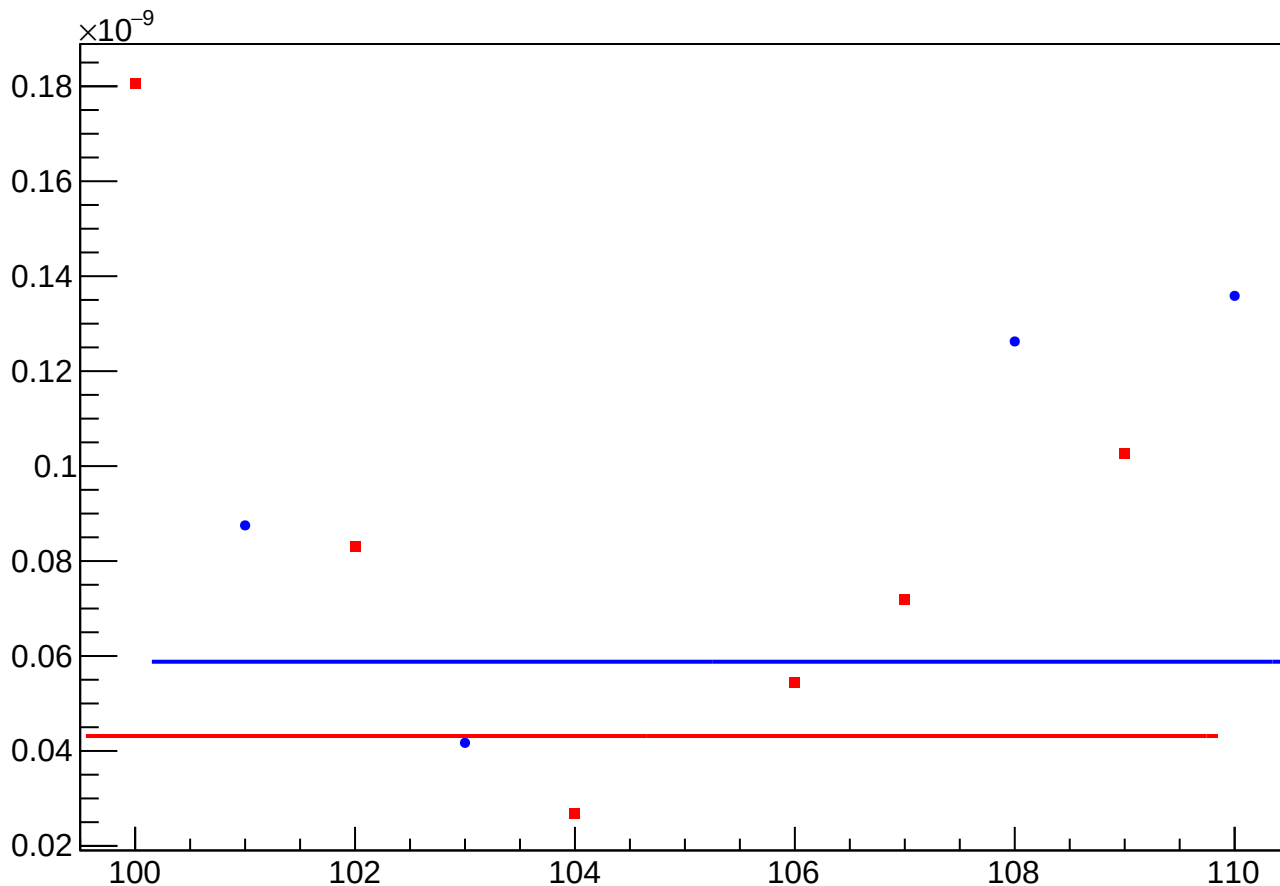
Right: -0.000+/-0.000 χ^2/NDF : 14.4/9

In: -0.000+/-0.000 χ^2/NDF : 5.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.4/9

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 548499.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 718967.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

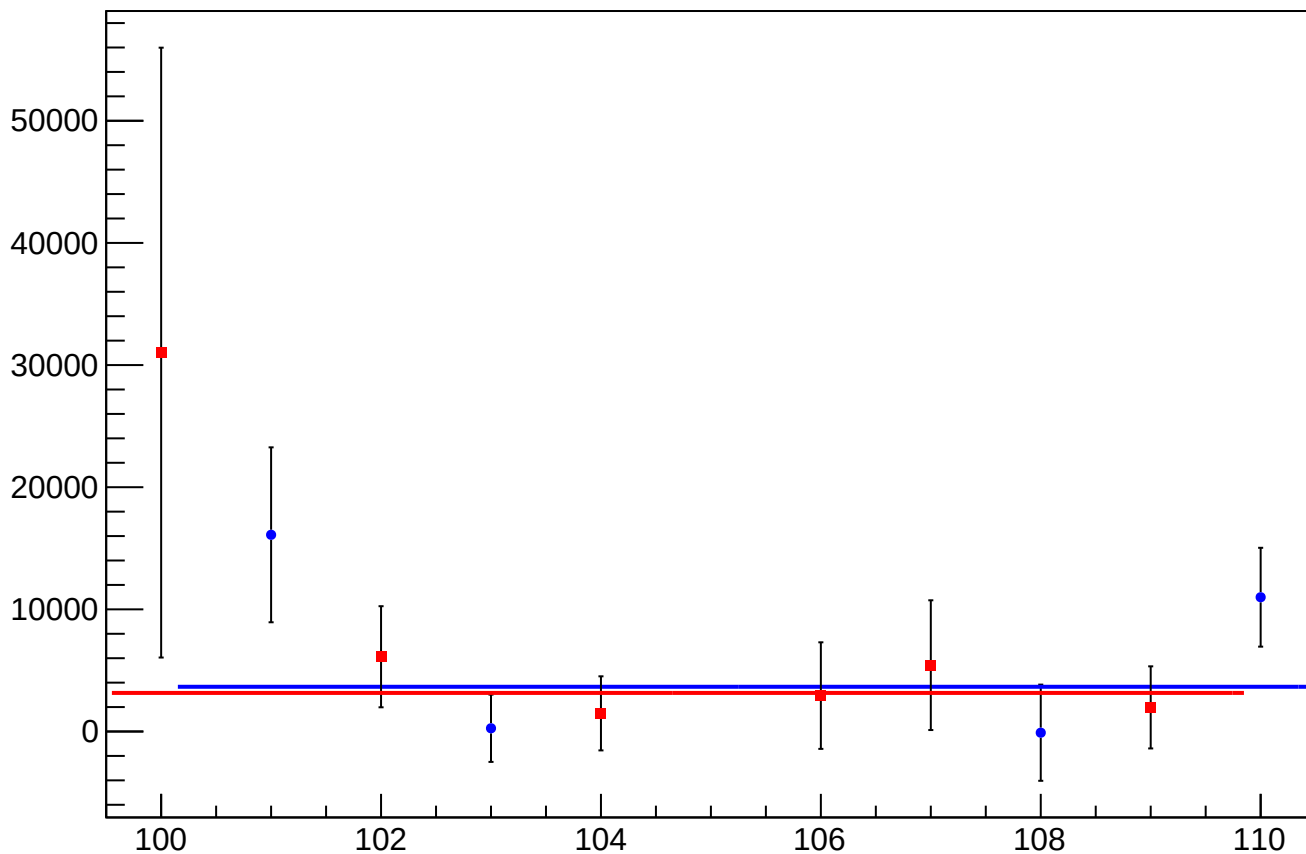
Right: 0.000+/-0.000 χ^2/NDF : 1365401.5/9

In: 0.000+/-0.000 χ^2/NDF : 548499.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1365401.5/9

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3661.683+/-1900.372 χ^2/NDF : 8.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3157.861+/-1701.940 χ^2/NDF : 2.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

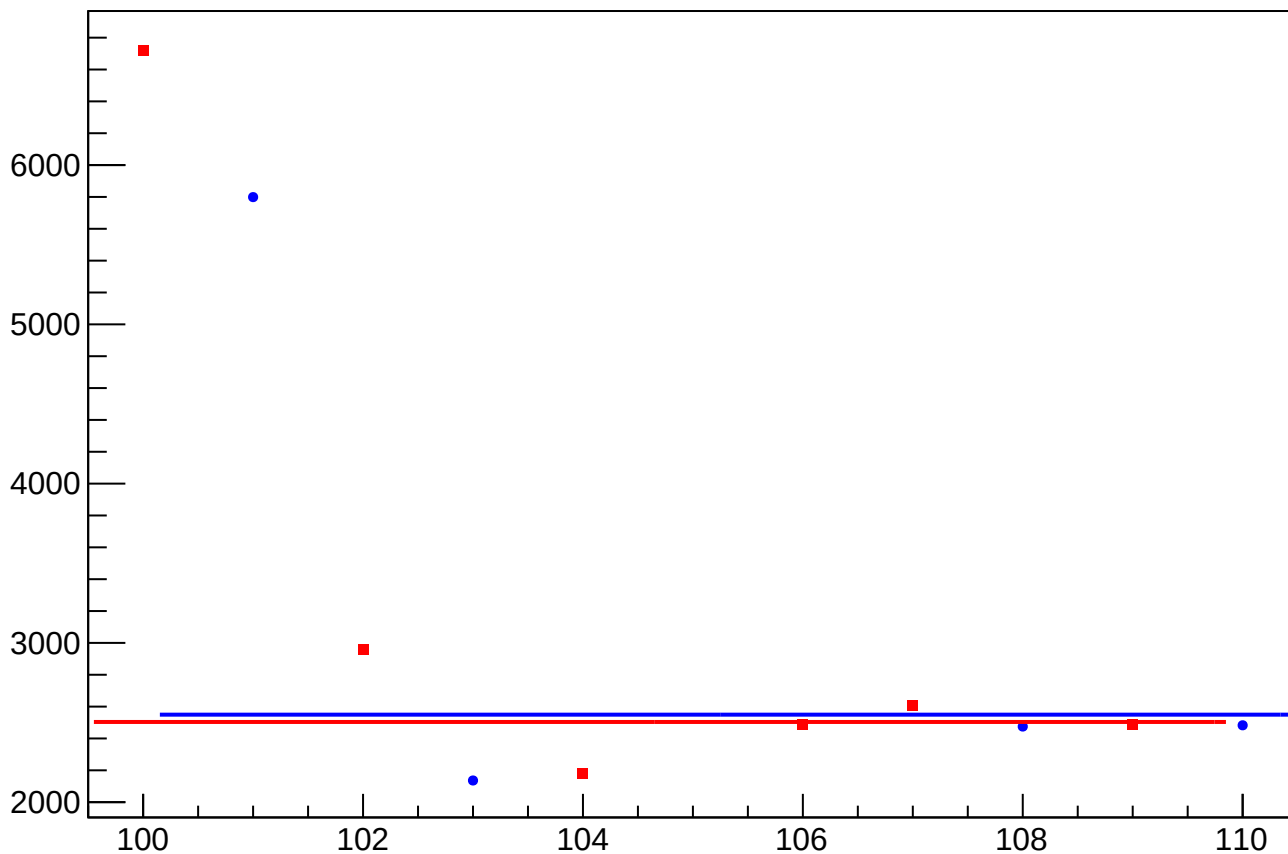
Right: 3382.103+/-1267.823 χ^2/NDF : 11.1/9

In: 3661.683+/-1900.372 χ^2/NDF : 8.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3382.103+/-1267.823 χ^2/NDF : 11.1/9

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2549.450+/-1.344 χ^2/NDF : 458118.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2503.568+/-1.203 χ^2/NDF : 104671.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

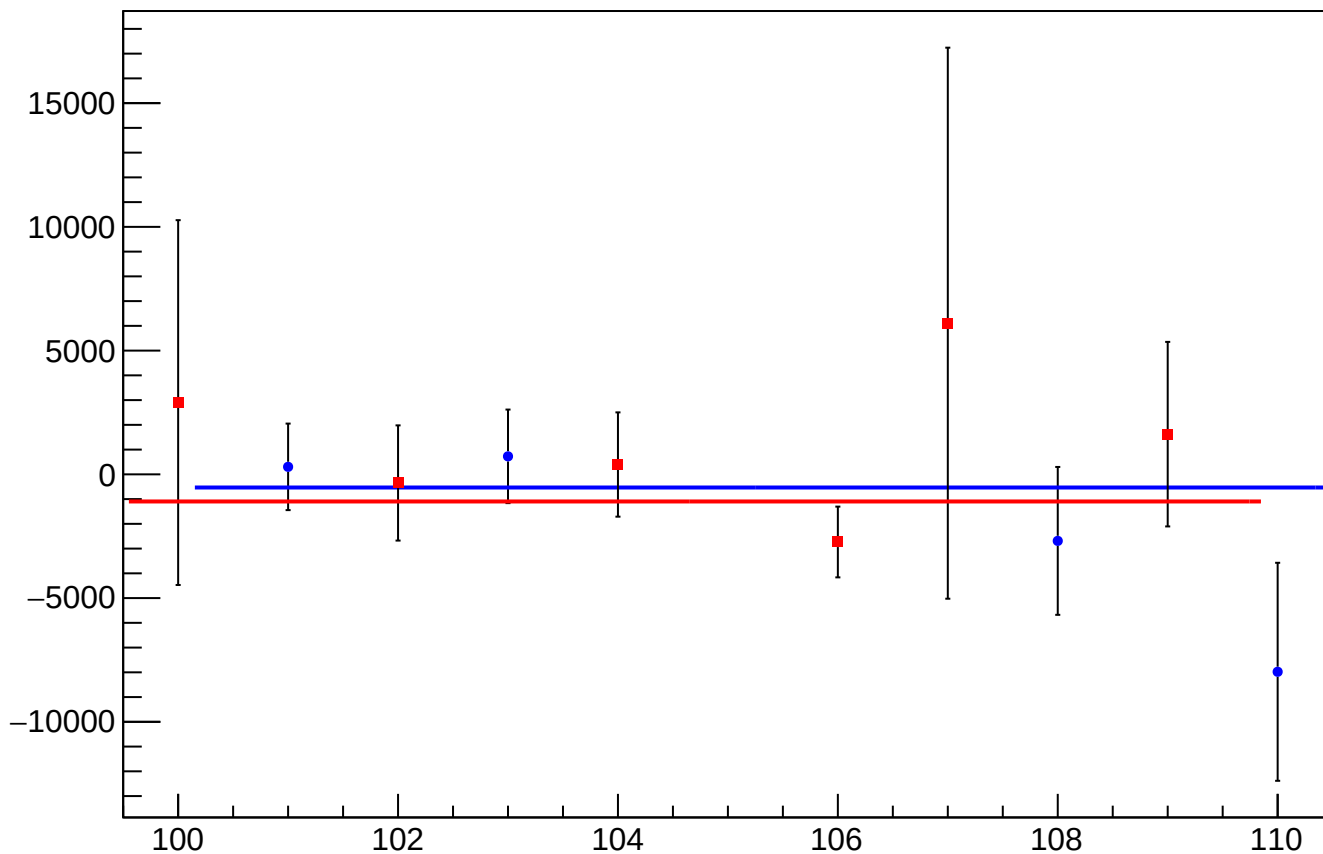
Right: 2523.989+/-0.896 χ^2/NDF : 563436.6/9

In: 2549.450+/-1.344 χ^2/NDF : 458118.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2523.989+/-0.896 χ^2/NDF : 563436.6/9

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -531.628+/-1139.038 χ^2/NDF : 4.1/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1095.807+/-1001.215 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

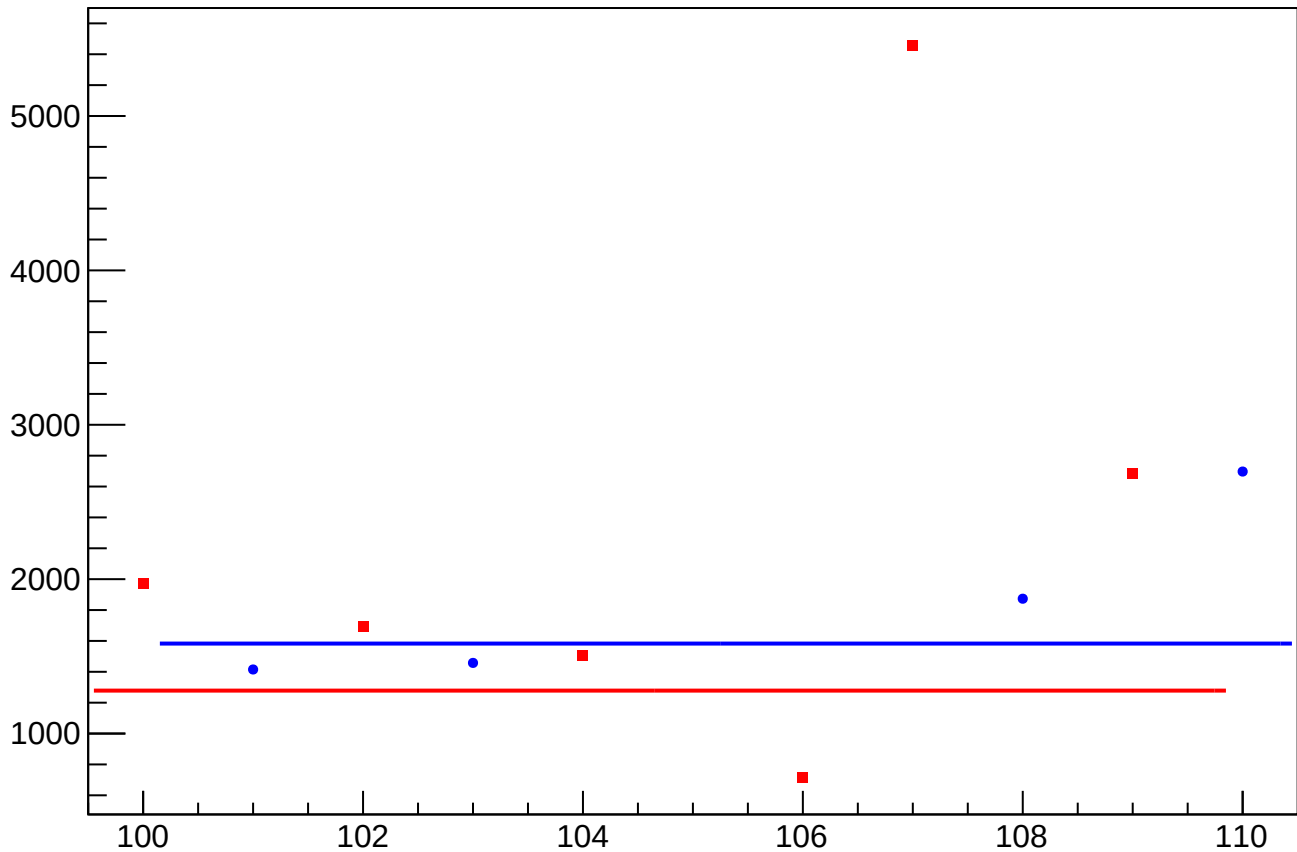
Right: -849.898+/-751.998 χ^2/NDF : 7.4/9

In: -531.628+/-1139.038 χ^2/NDF :4.1/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -849.898+/-751.998 χ^2/NDF : 7.4/9

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1582.849+/-0.805 χ^2/NDF : 174121.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.203+/-0.708 χ^2/NDF : 982792.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

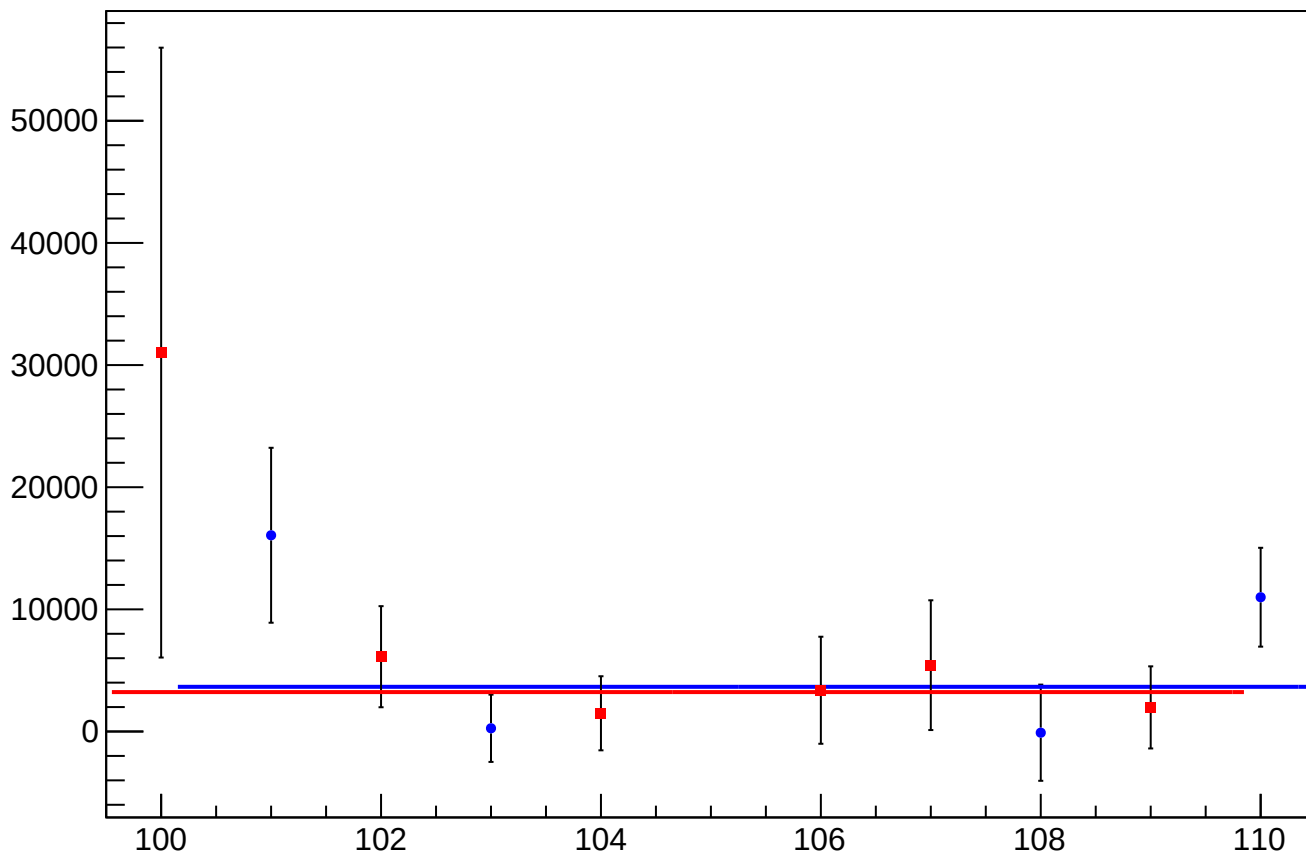
Right: 1410.989+/-0.532 χ^2/NDF : 1237623.0/9

In: 1582.849+/-0.805 χ^2/NDF : 174121.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.989+/-0.532 χ^2/NDF : 1237623.0/9

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3658.994 $\pm$ 1900.374 χ^2 /NDF: 8.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3226.782 $\pm$ 1703.062 χ^2 /NDF: 2.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

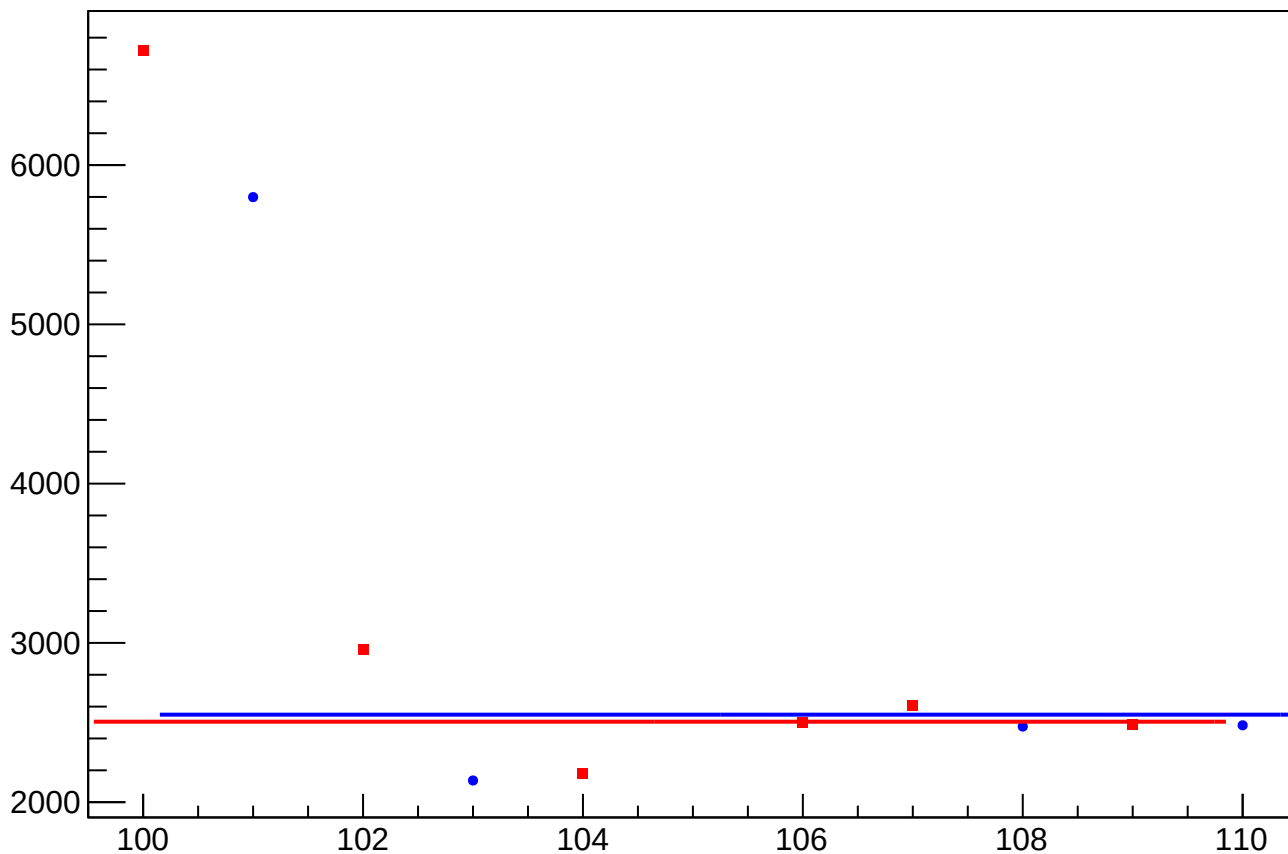
Right: 3419.292 $\pm$ 1268.287 χ^2 /NDF: 11.1/9

In: 3658.994 $\pm$ 1900.374 χ^2 /NDF:8.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3419.292 $\pm$ 1268.287 χ^2 /NDF: 11.1/9

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2549.450+/-1.344 χ^2/NDF : 458118.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2505.208+/-1.204 χ^2/NDF : 104651.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

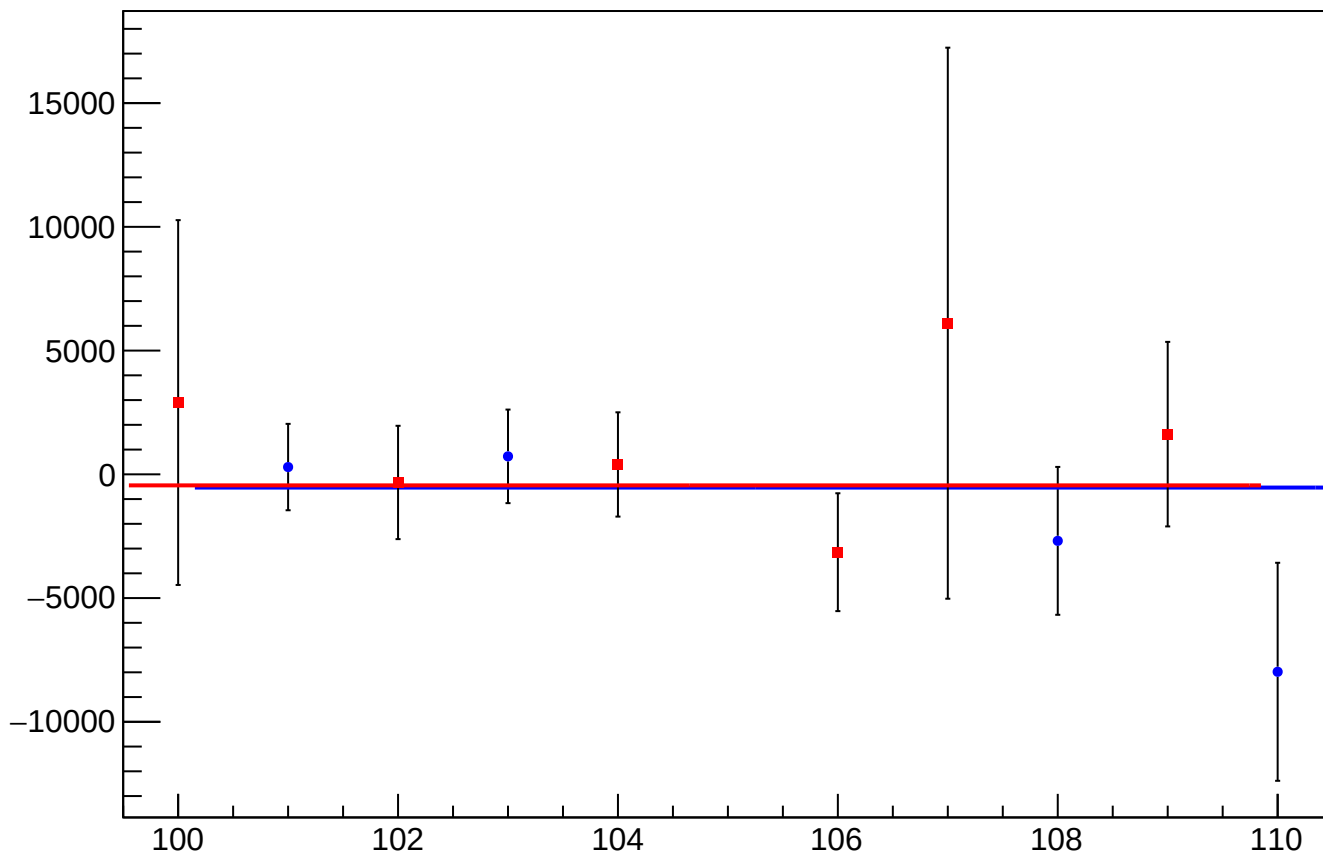
Right: 2524.913+/-0.897 χ^2/NDF : 563371.3/9

In: 2549.450+/-1.344 χ^2/NDF : 458118.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2524.913+/-0.897 χ^2/NDF : 563371.3/9

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -534.846+/-1138.363 χ^2/NDF : 4.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -446.282+/-1203.146 χ^2/NDF : 2.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

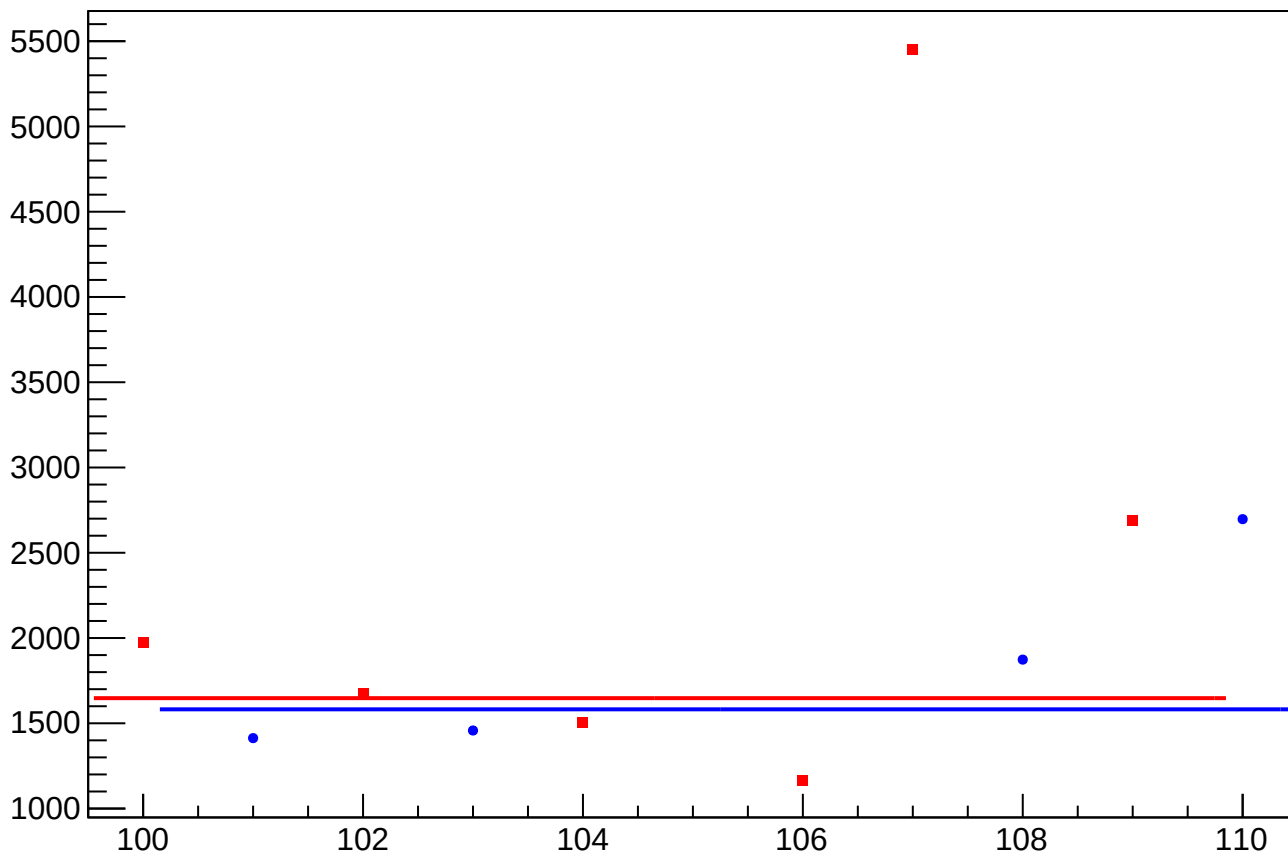
Right: -493.012+/-826.898 χ^2/NDF : 6.4/9

In: -534.846+/-1138.363 χ^2/NDF : 4.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -493.012+/-826.898 χ^2/NDF : 6.4/9

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1581.846+/-0.805 χ^2/NDF : 174593.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1647.385+/-0.851 χ^2/NDF : 484664.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

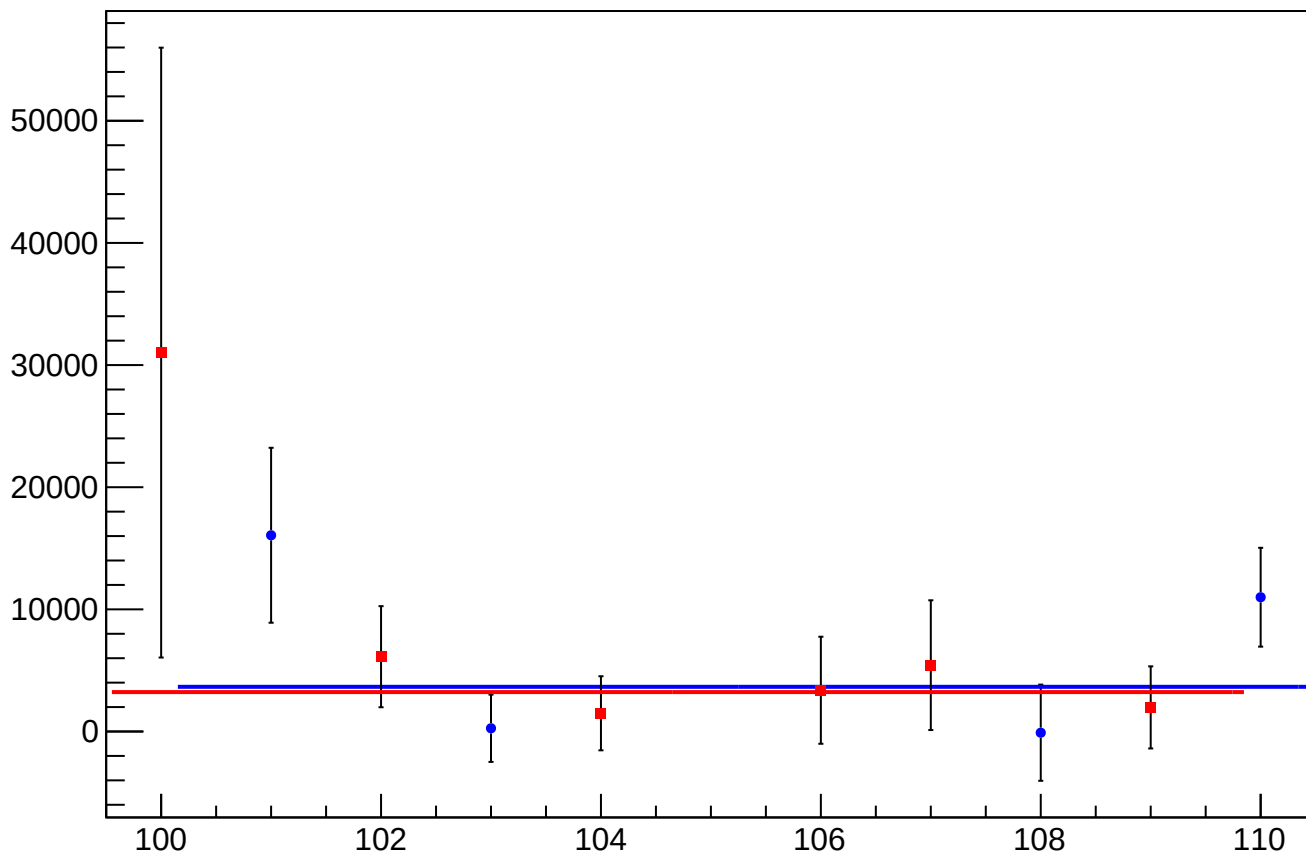
Right: 1612.803+/-0.585 χ^2/NDF : 662390.1/9

In: 1581.846+/-0.805 χ^2/NDF : 174593.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1612.803+/-0.585 χ^2/NDF : 662390.1/9

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3658.994+/-1900.374 χ^2/NDF : 8.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3226.782+/-1703.062 χ^2/NDF : 2.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

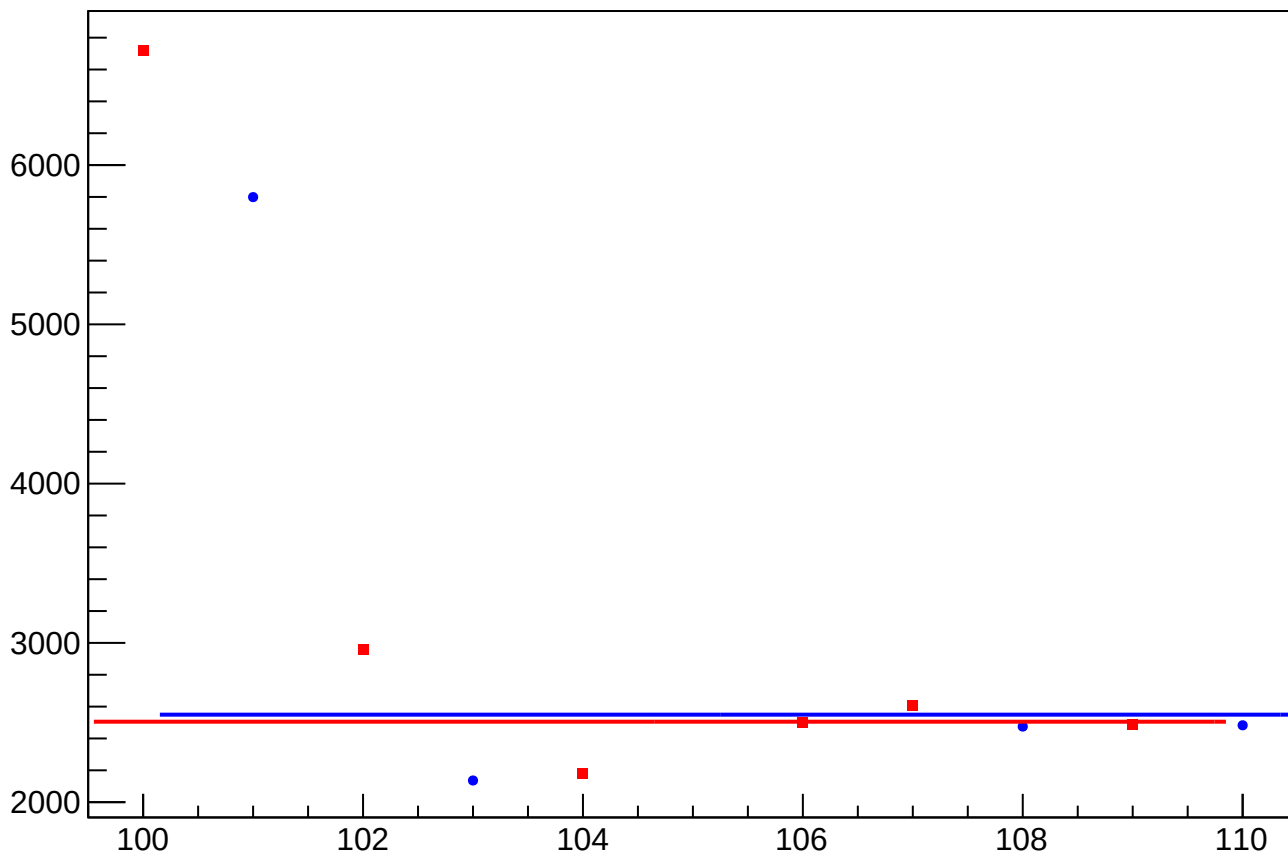
Right: 3419.292+/-1268.287 χ^2/NDF : 11.1/9

In: 3658.994+/-1900.374 χ^2/NDF : 8.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3419.292+/-1268.287 χ^2/NDF : 11.1/9

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2549.450+/-1.344 χ^2/NDF : 458118.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2505.208+/-1.204 χ^2/NDF : 104651.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

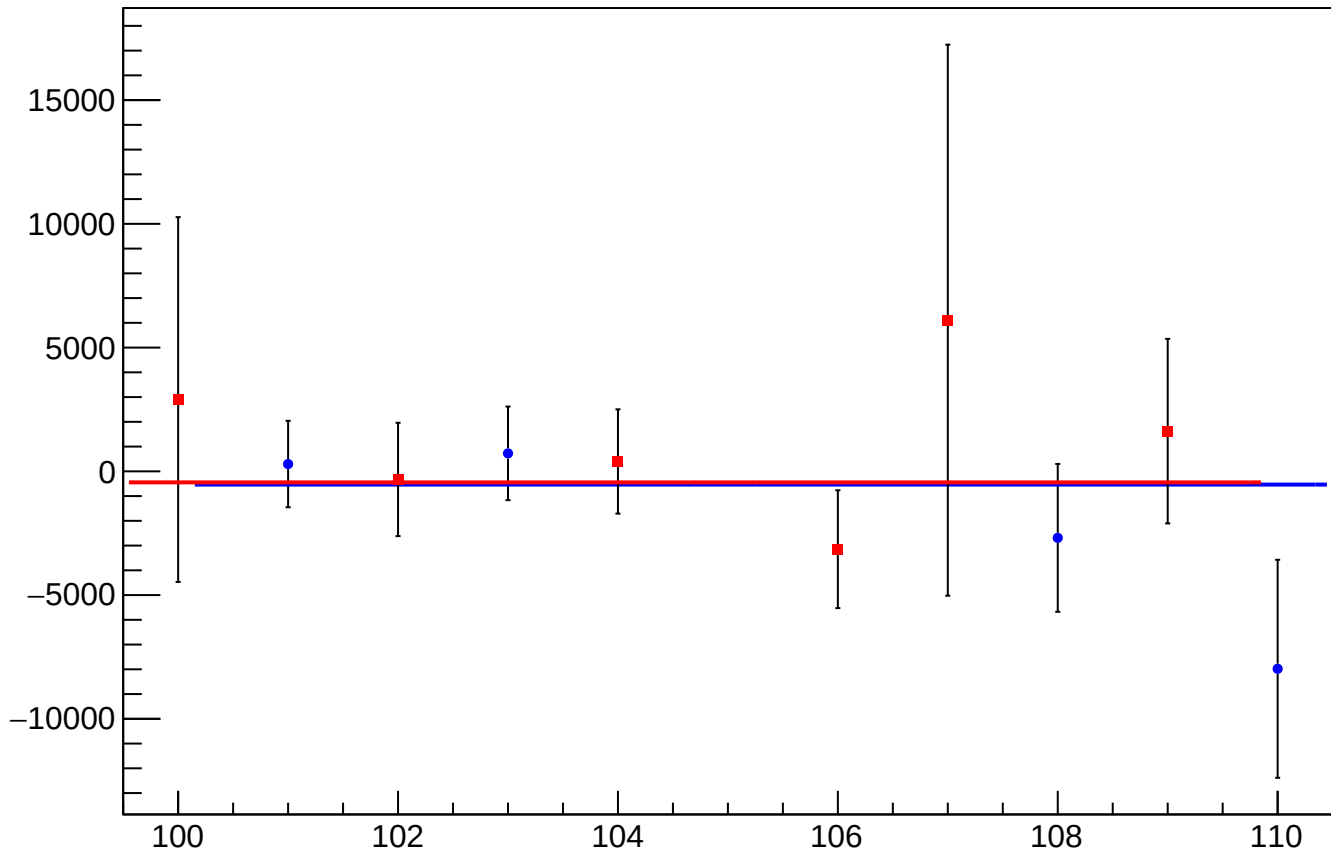
Right: 2524.913+/-0.897 χ^2/NDF : 563371.3/9

In: 2549.450+/-1.344 χ^2/NDF : 458118.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2524.913+/-0.897 χ^2/NDF : 563371.3/9

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -534.846+/-1138.363 χ^2/NDF : 4.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -446.282+/-1203.146 χ^2/NDF : 2.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

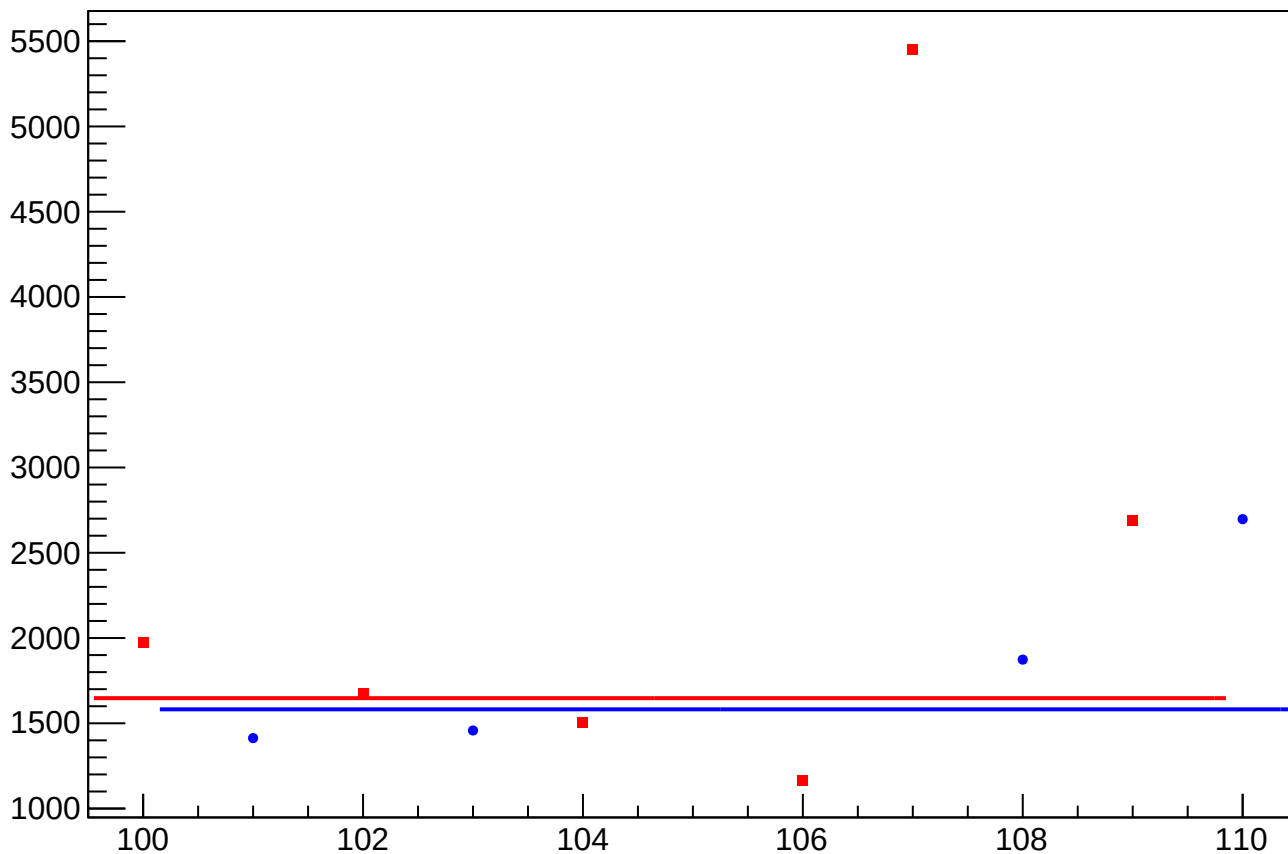
Right: -493.012+/-826.898 χ^2/NDF : 6.4/9

In: -534.846+/-1138.363 χ^2/NDF : 4.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -493.012+/-826.898 χ^2/NDF : 6.4/9

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1581.846+/-0.805 χ^2/NDF : 174593.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1647.385+/-0.851 χ^2/NDF : 484664.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

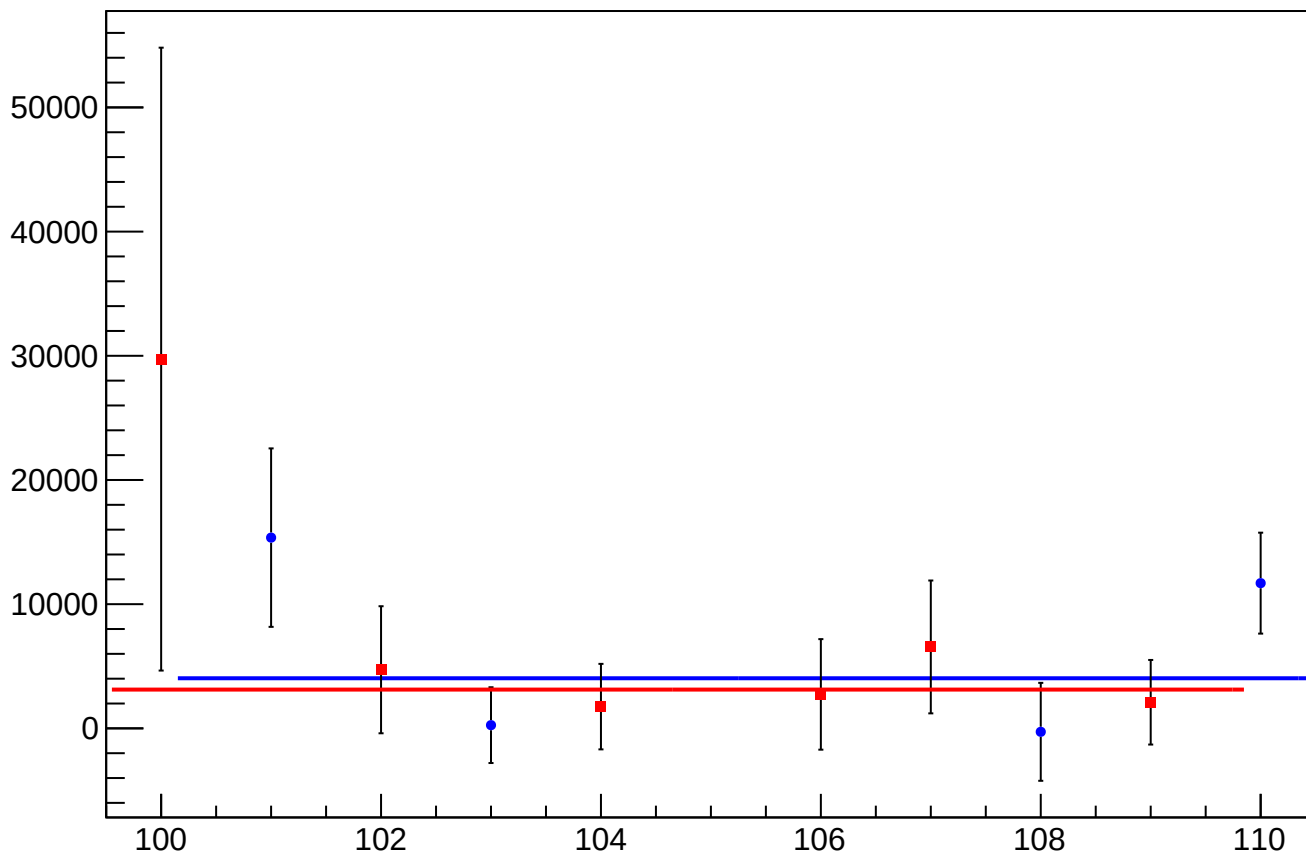
Right: 1612.803+/-0.585 χ^2/NDF : 662390.1/9

In: 1581.846+/-0.805 χ^2/NDF : 174593.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1612.803+/-0.585 χ^2/NDF : 662390.1/9

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4034.218+/-1993.217 χ^2/NDF : 8.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3122.519+/-1838.550 χ^2/NDF : 1.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

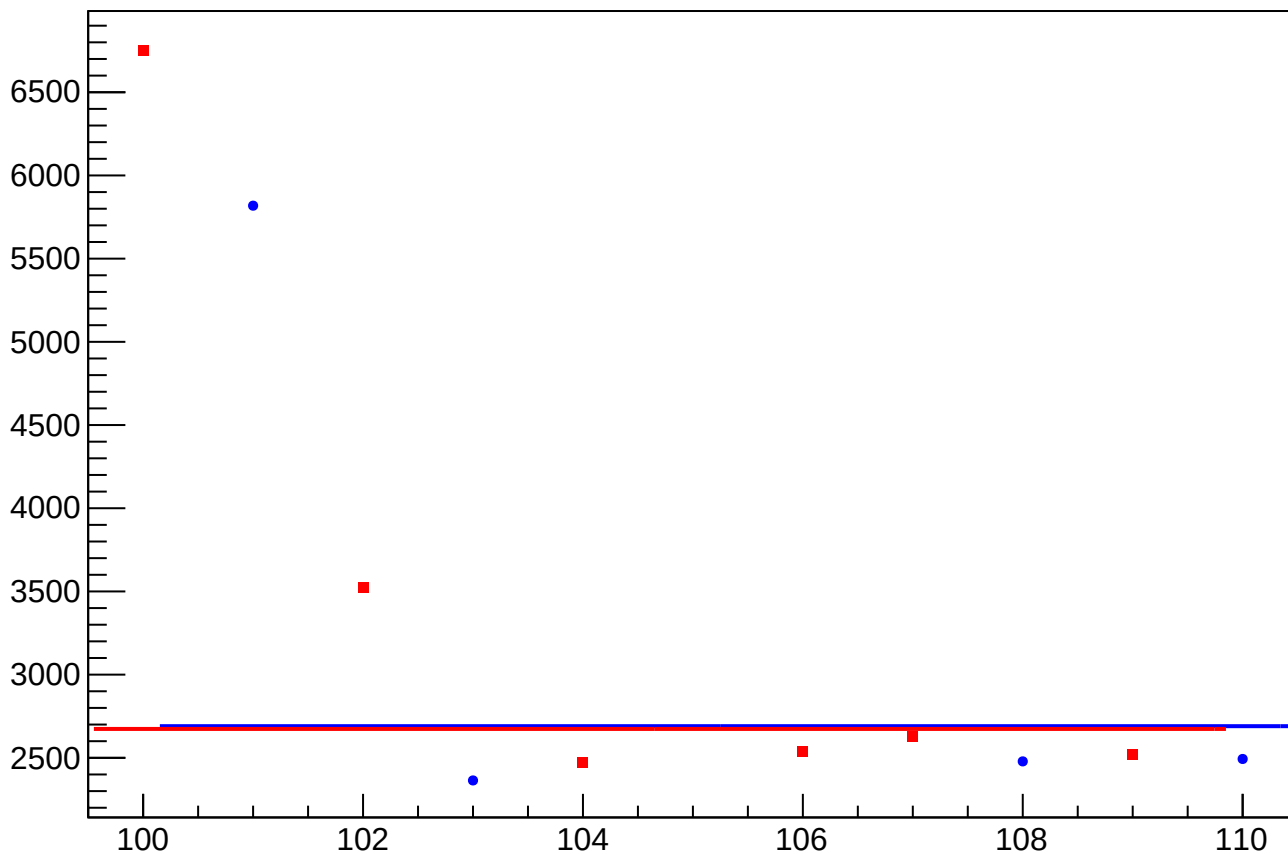
Right: 3541.628+/-1351.426 χ^2/NDF : 10.8/9

In: 4034.218+/-1993.217 χ^2/NDF : 8.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3541.628+/-1351.426 χ^2/NDF : 10.8/9

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2690.239+/-1.409 χ^2/NDF : 412354.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2673.648+/-1.300 χ^2/NDF : 120736.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

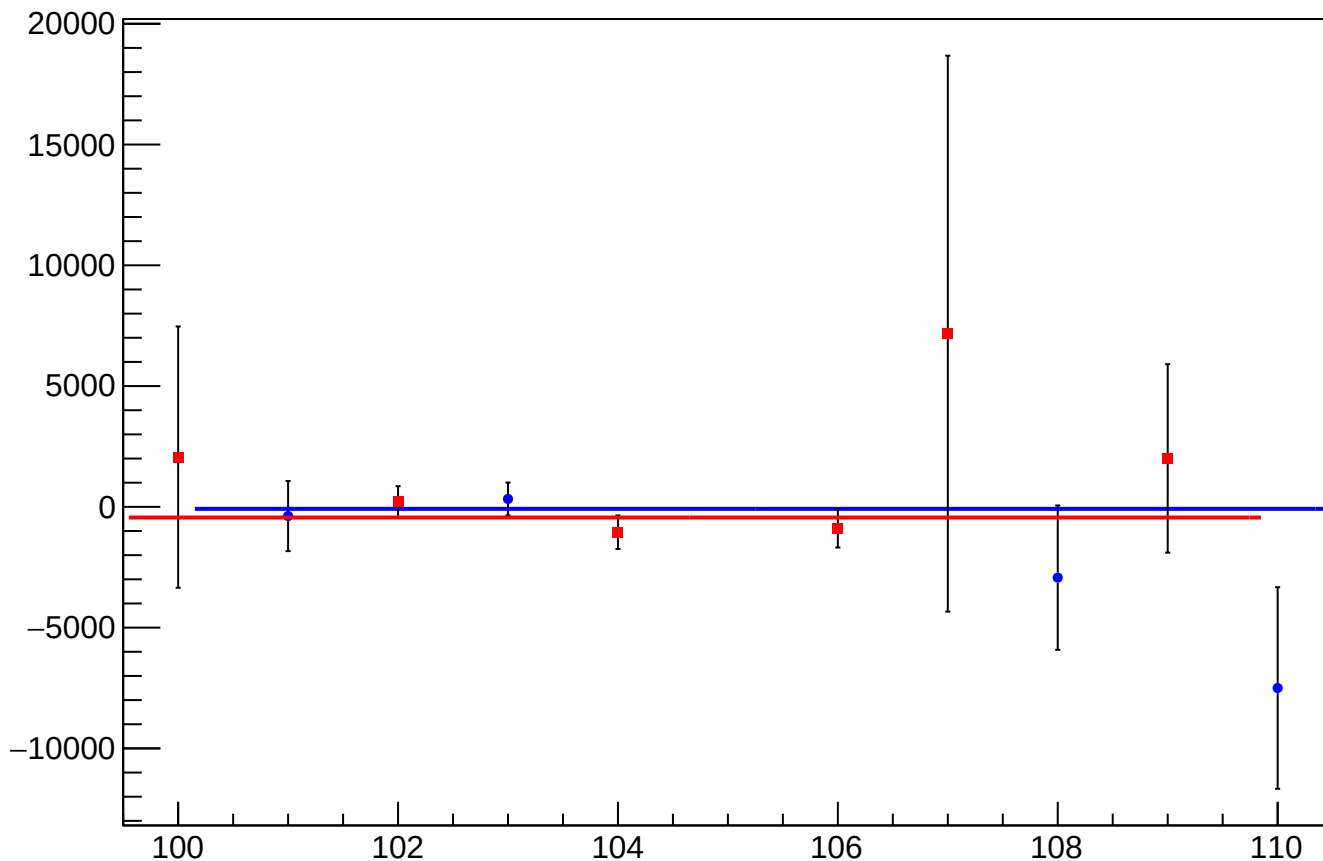
Right: 2681.275+/-0.956 χ^2/NDF : 533165.7/9

In: 2690.239+/-1.409 χ^2/NDF : 412354.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2681.275+/-0.956 χ^2/NDF : 533165.7/9

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -82.387 ± 596.522 χ^2/NDF : 4.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -442.124 ± 401.633 χ^2/NDF : 3.2/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

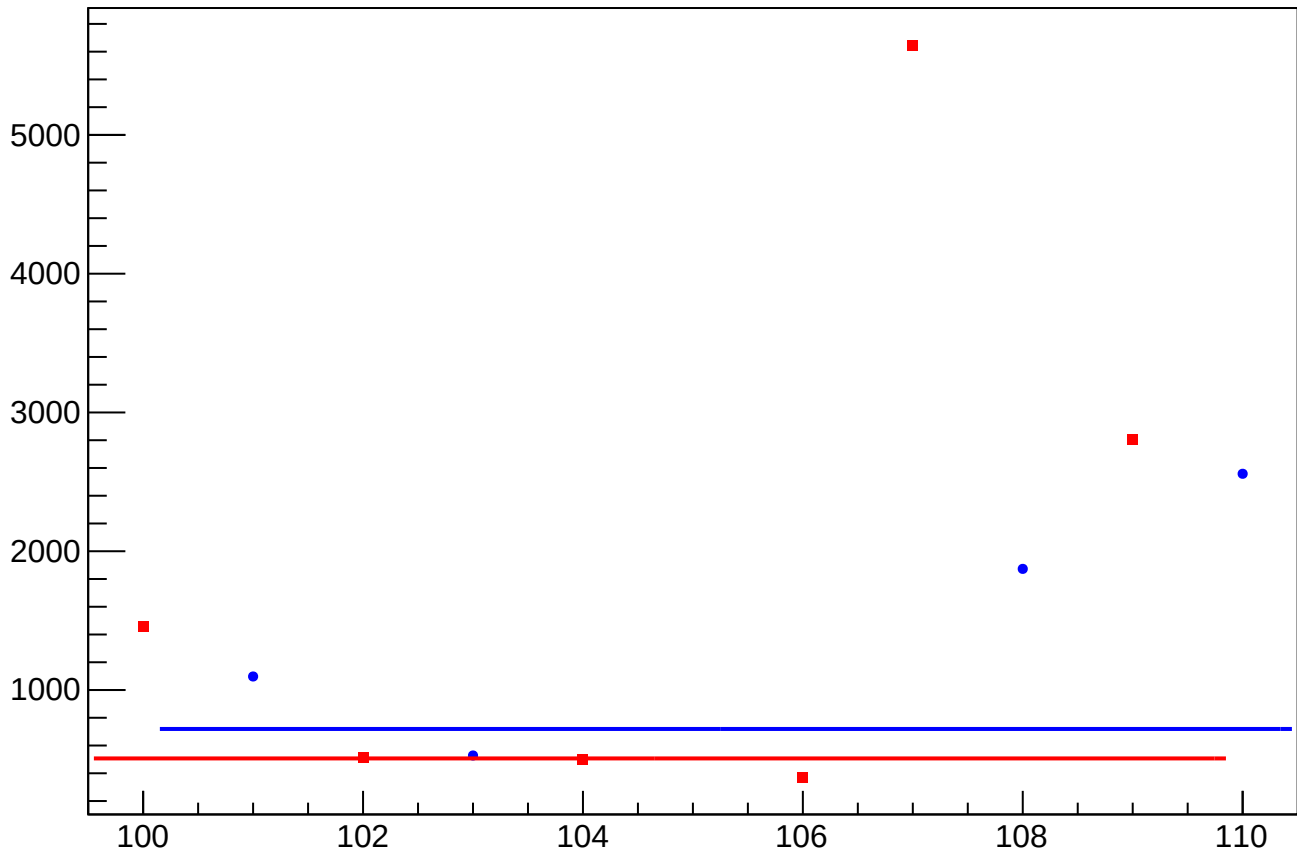
Right: -329.915 ± 333.157 χ^2/NDF : 7.9/9

In: -82.387 ± 596.522 χ^2/NDF : 4.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -329.915 ± 333.157 χ^2/NDF : 7.9/9

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 719.328+/-0.422 χ^2/NDF : 980584.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 506.969+/-0.284 χ^2/NDF : 1212461.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

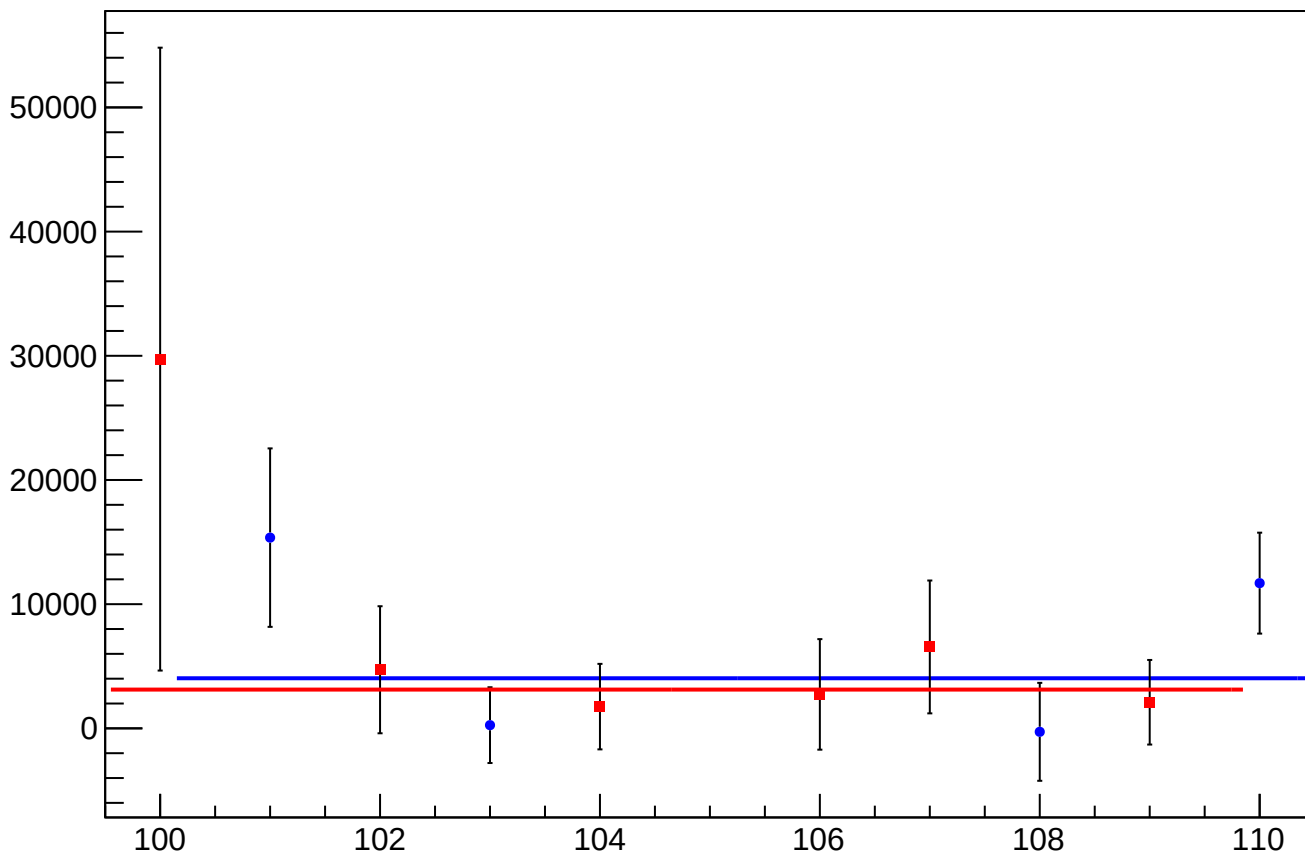
Right: 573.208+/-0.236 χ^2/NDF : 2367451.4/9

In: 719.328+/-0.422 χ^2/NDF : 980584.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.208+/-0.236 χ^2/NDF : 2367451.4/9

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4034.211+/-1993.215 χ^2/NDF : 8.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3122.504+/-1838.548 χ^2/NDF : 1.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

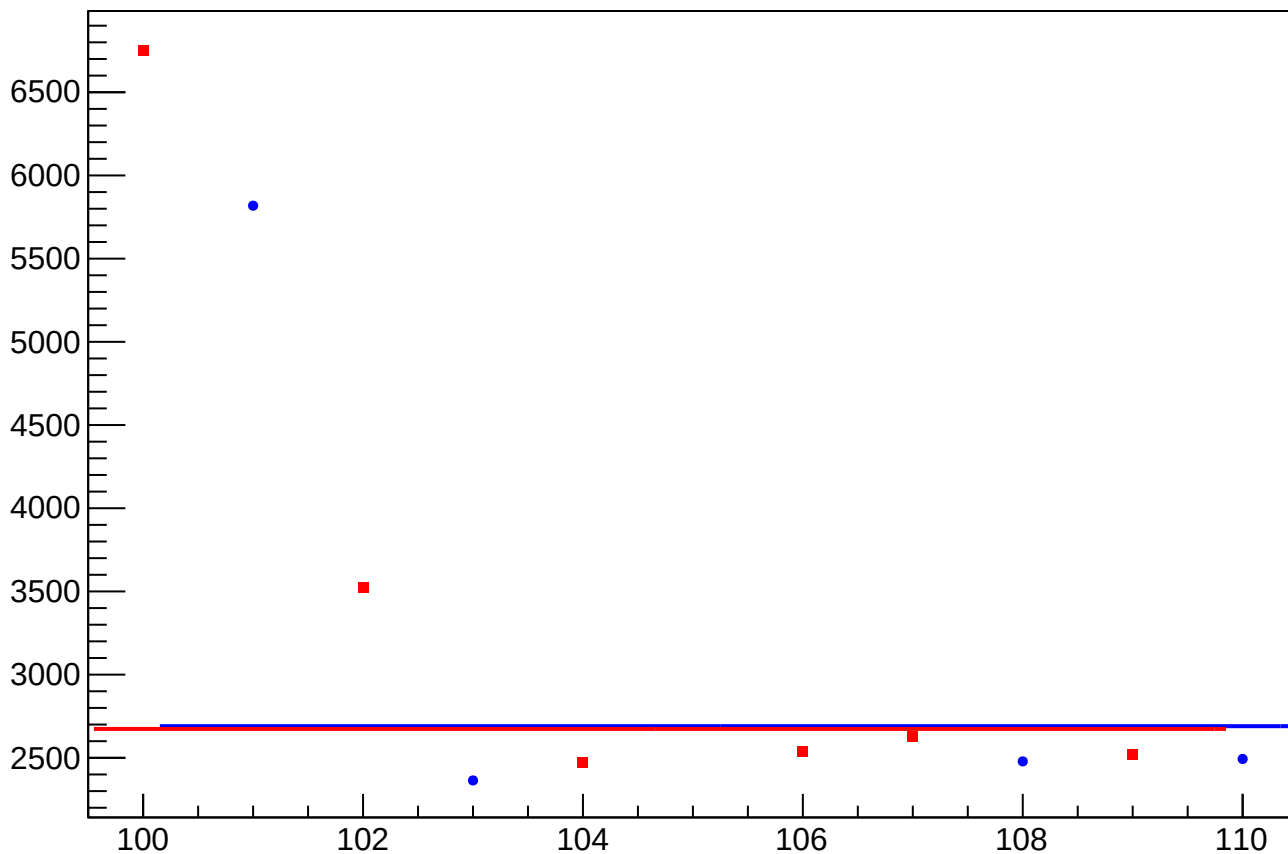
Right: 3541.617+/-1351.425 χ^2/NDF : 10.8/9

In: 4034.211+/-1993.215 χ^2/NDF : 8.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3541.617+/-1351.425 χ^2/NDF : 10.8/9

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2690.237+/-1.409 χ^2/NDF : 412355.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2673.645+/-1.300 χ^2/NDF : 120736.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

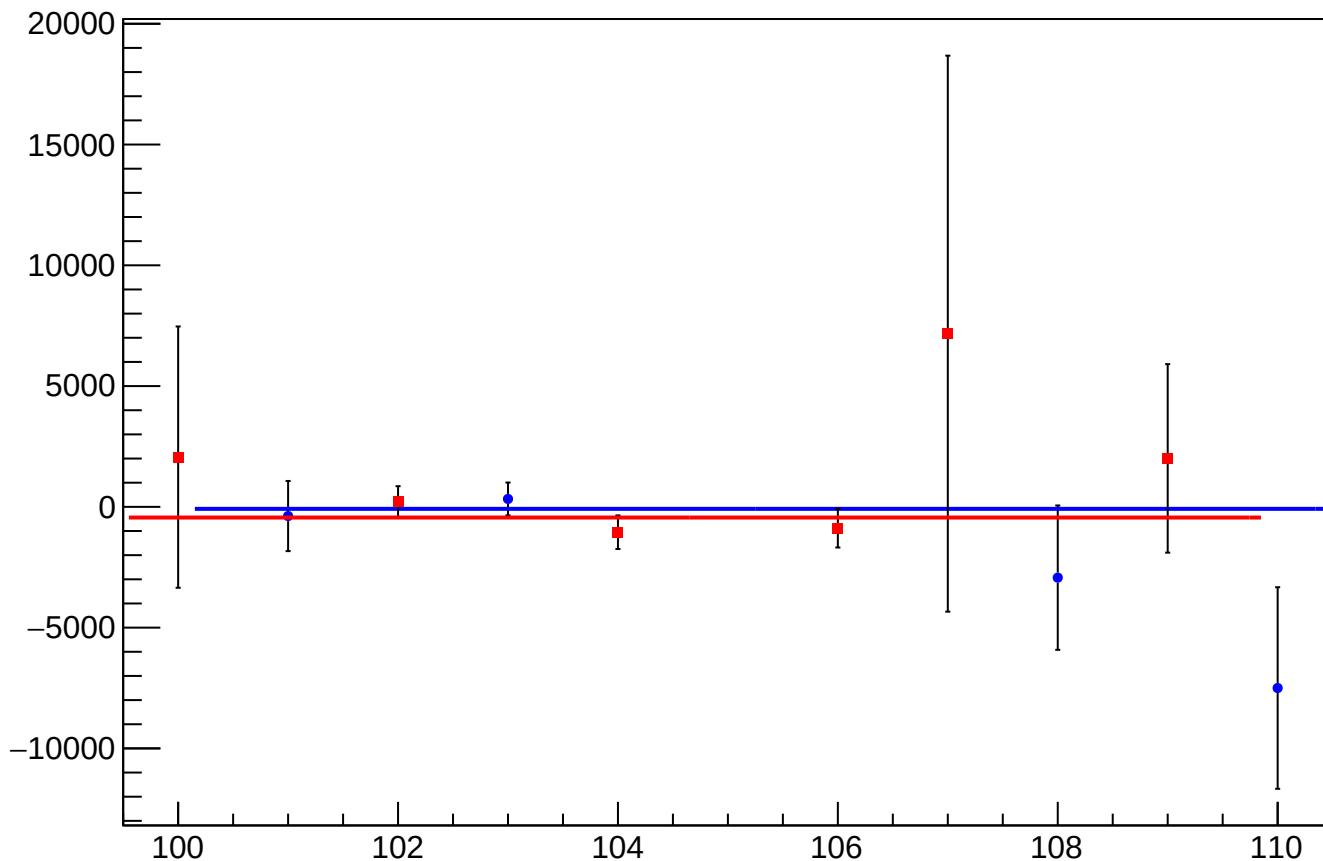
Right: 2681.272+/-0.956 χ^2/NDF : 533166.2/9

In: 2690.237+/-1.409 χ^2/NDF : 412355.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2681.272+/-0.956 χ^2/NDF : 533166.2/9

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -82.400+/-596.527 χ^2/NDF : 4.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -442.129+/-401.640 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

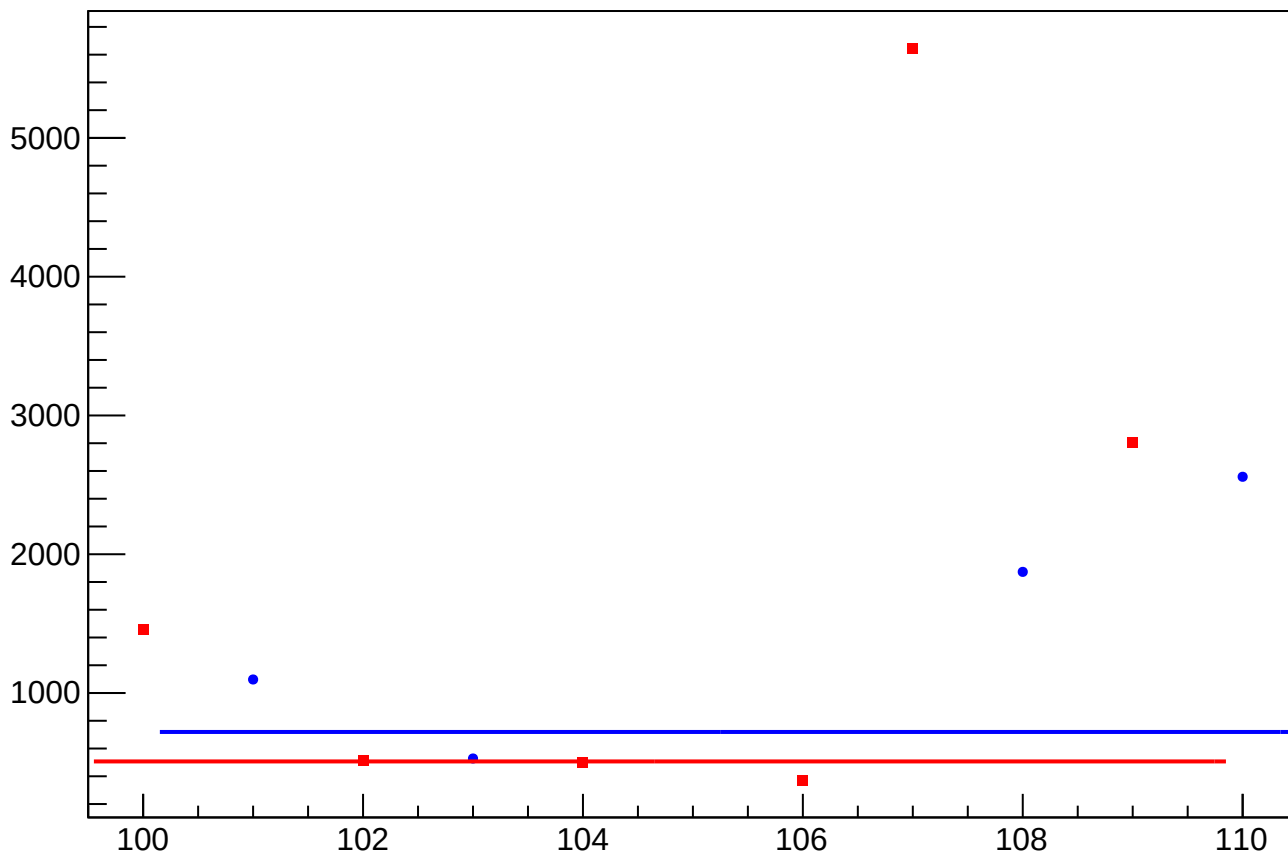
Right: -329.921+/-333.161 χ^2/NDF : 7.9/9

In: -82.400+/-596.527 χ^2/NDF : 4.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -329.921+/-333.161 χ^2/NDF : 7.9/9

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 719.337+/-0.422 χ^2/NDF : 980572.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 506.979+/-0.284 χ^2/NDF : 1212443.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

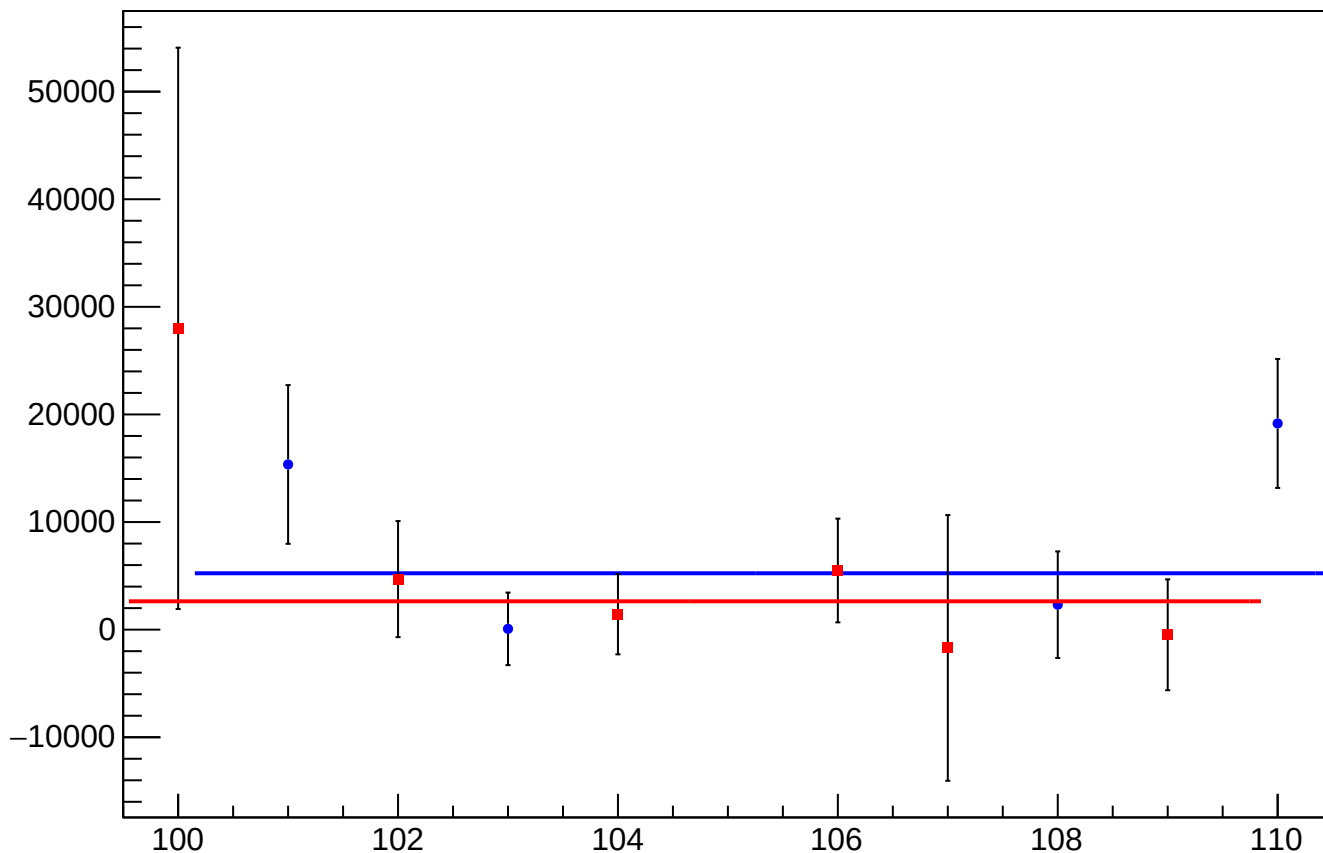
Right: 573.219+/-0.236 χ^2/NDF : 2367414.5/9

In: 719.337+/-0.422 χ^2/NDF : 980572.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.219+/-0.236 χ^2/NDF : 2367414.5/9

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5239.212+/-2390.561 χ^2/NDF : 10.0/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2634.249+/-2265.276 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

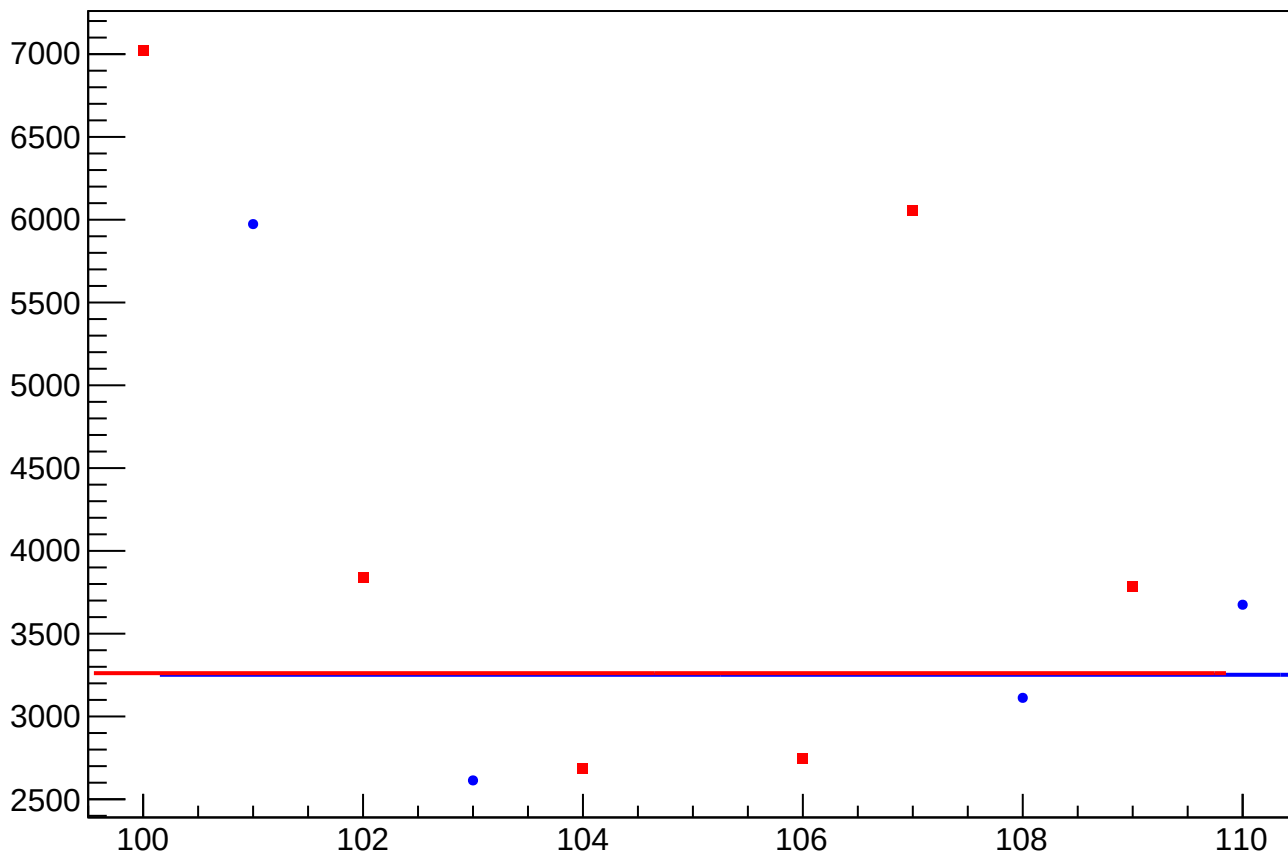
Right: 3866.684+/-1644.300 χ^2/NDF : 12.6/9

In: 5239.212+/-2390.561 χ^2/NDF :10.0/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3866.684+/-1644.300 χ^2/NDF : 12.6/9

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3251.732+/-1.690 χ^2/NDF : 355517.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3261.495+/-1.602 χ^2/NDF : 257304.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

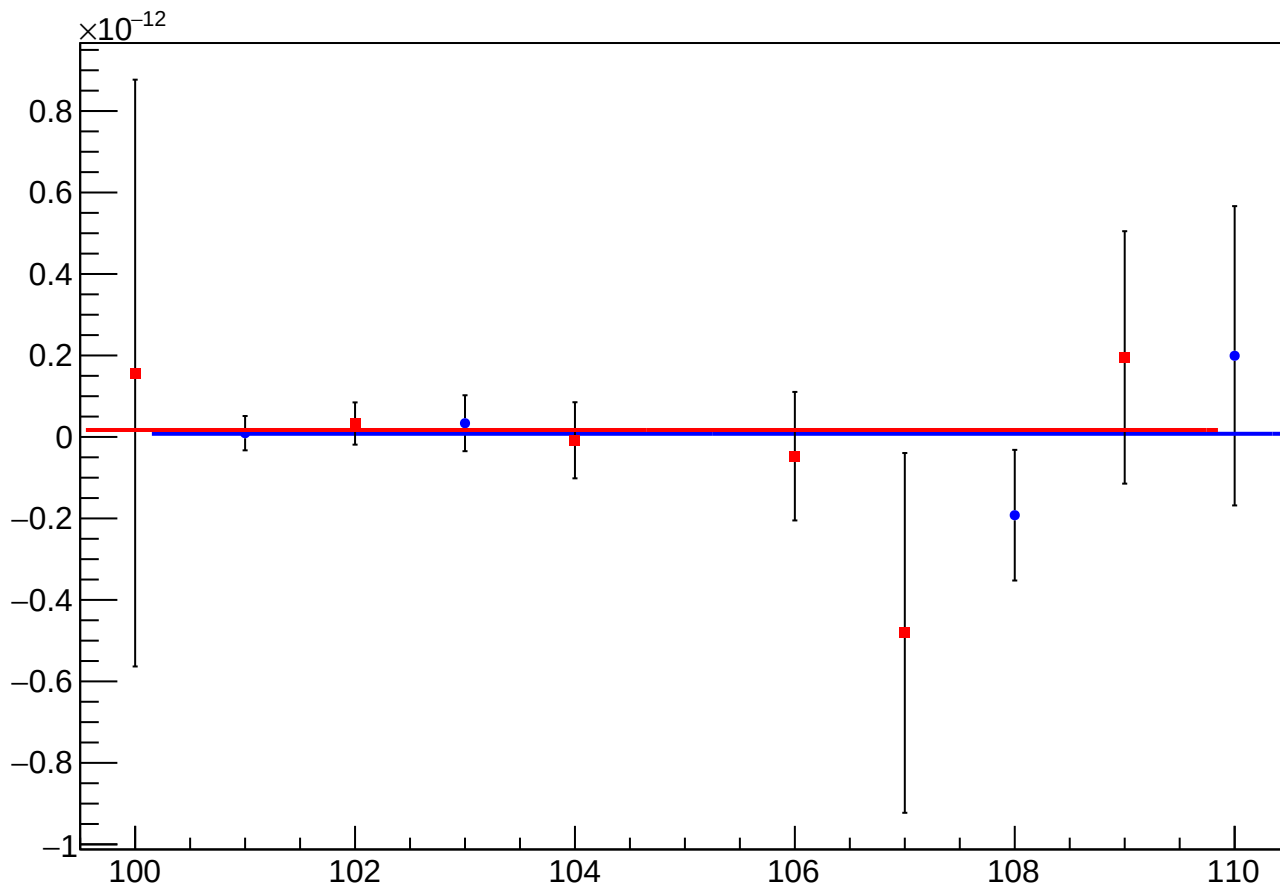
Right: 3256.876+/-1.163 χ^2/NDF : 612839.8/9

In: 3251.732+/-1.690 χ^2/NDF : 355517.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3256.876+/-1.163 χ^2/NDF : 612839.8/9

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

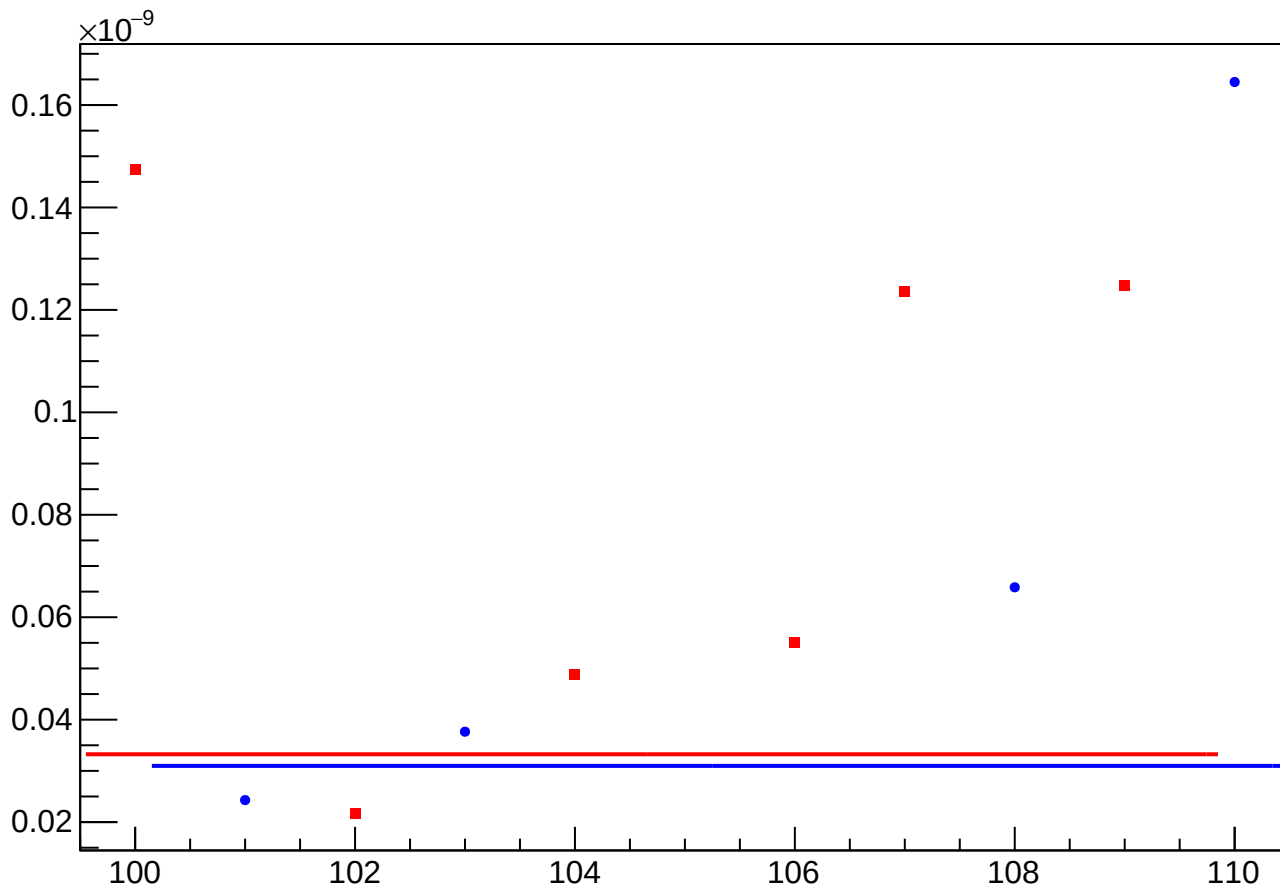
Right: 0.000+/-0.000 χ^2/NDF : 4.0/9

In: 0.000+/-0.000 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.0/9

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 427958.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 502989.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

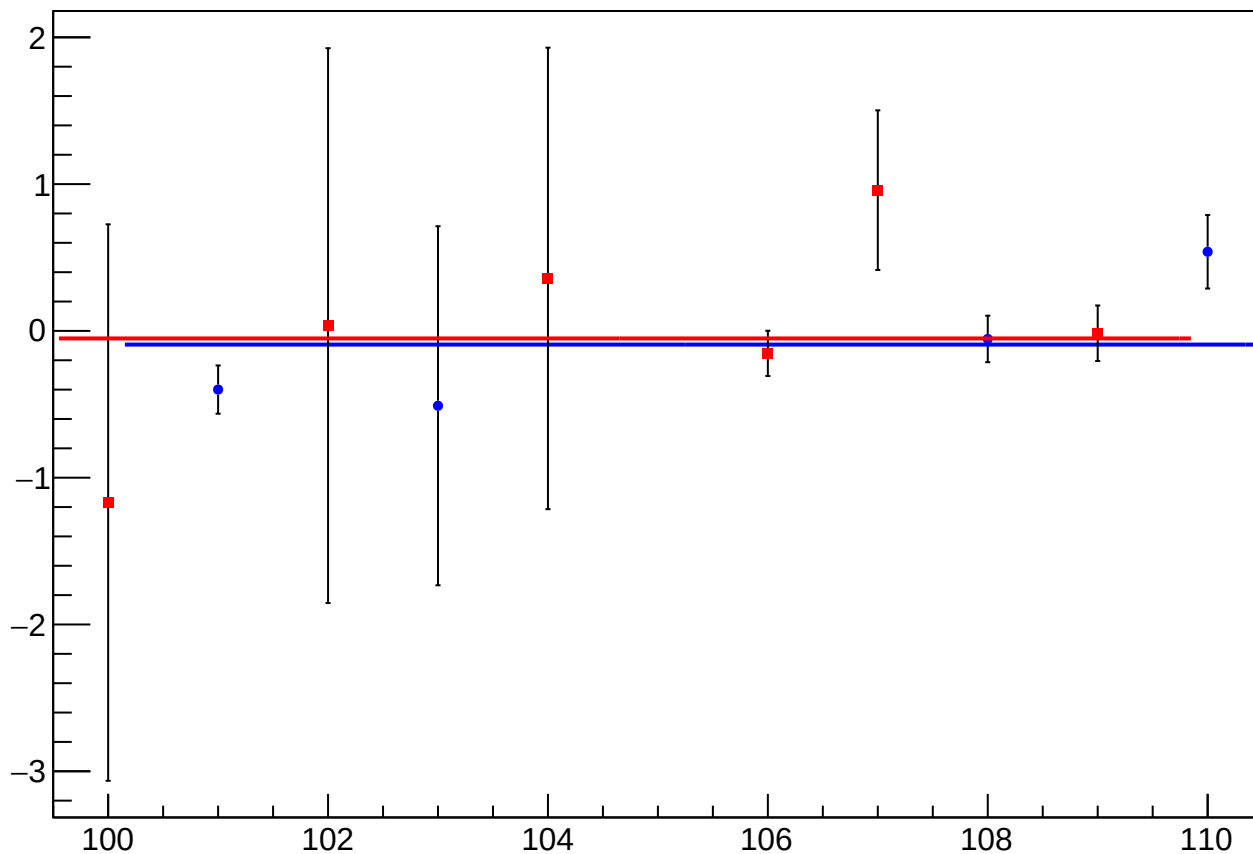
Right: 0.000+/-0.000 χ^2/NDF : 934319.4/9

In: 0.000+/-0.000 χ^2/NDF : 427958.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 934319.4/9

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.093 ± 0.103 $\chi^2/\text{NDF}: 10.0/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.051 ± 0.116 $\chi^2/\text{NDF}: 4.3/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

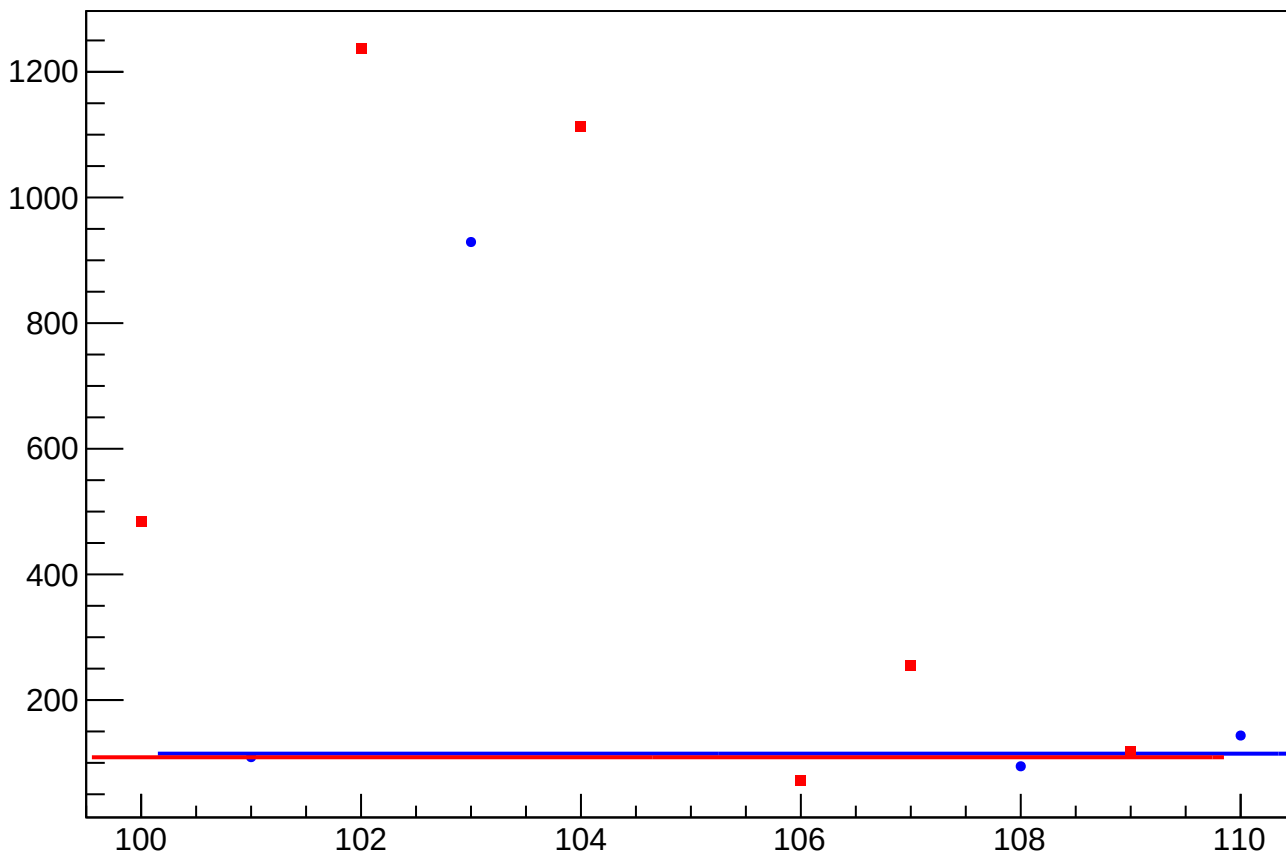
Right: -0.075 ± 0.077 $\chi^2/\text{NDF}: 14.4/9$

In: -0.093 ± 0.103 $\chi^2/\text{NDF}: 10.0/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.075 ± 0.077 $\chi^2/\text{NDF}: 14.4/9$

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.646+/-0.073 χ^2/NDF : 947918.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.893+/-0.082 χ^2/NDF : 1874224.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

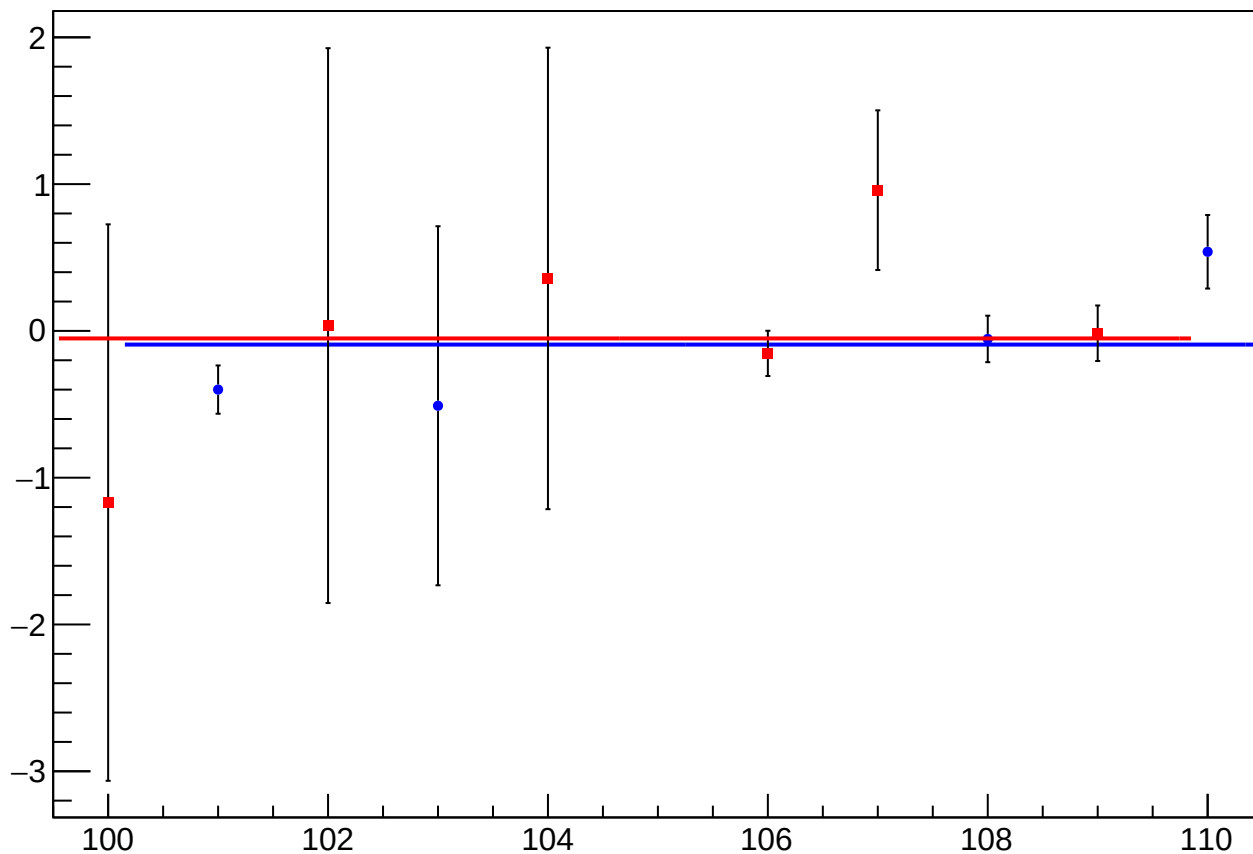
Right: 112.096+/-0.055 χ^2/NDF : 2824884.1/9

In: 114.646+/-0.073 χ^2/NDF : 947918.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.096+/-0.055 χ^2/NDF : 2824884.1/9

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.093+/-0.103 χ^2/NDF : 10.0/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.051+/-0.116 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

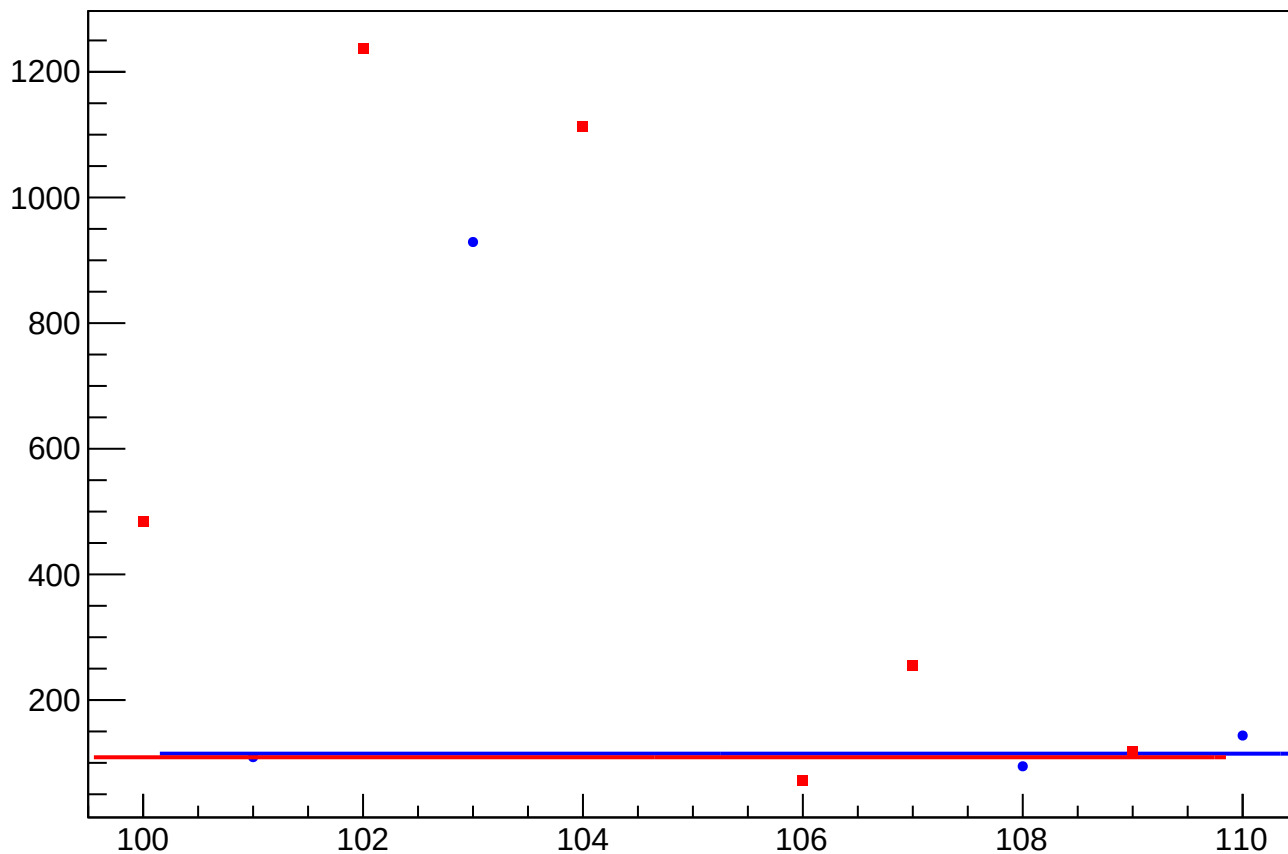
Right: -0.075+/-0.077 χ^2/NDF : 14.4/9

In: -0.093+/-0.103 χ^2/NDF :10.0/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.075+/-0.077 χ^2/NDF : 14.4/9

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.646+/-0.073 χ^2/NDF : 947918.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.893+/-0.082 χ^2/NDF : 1874224.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

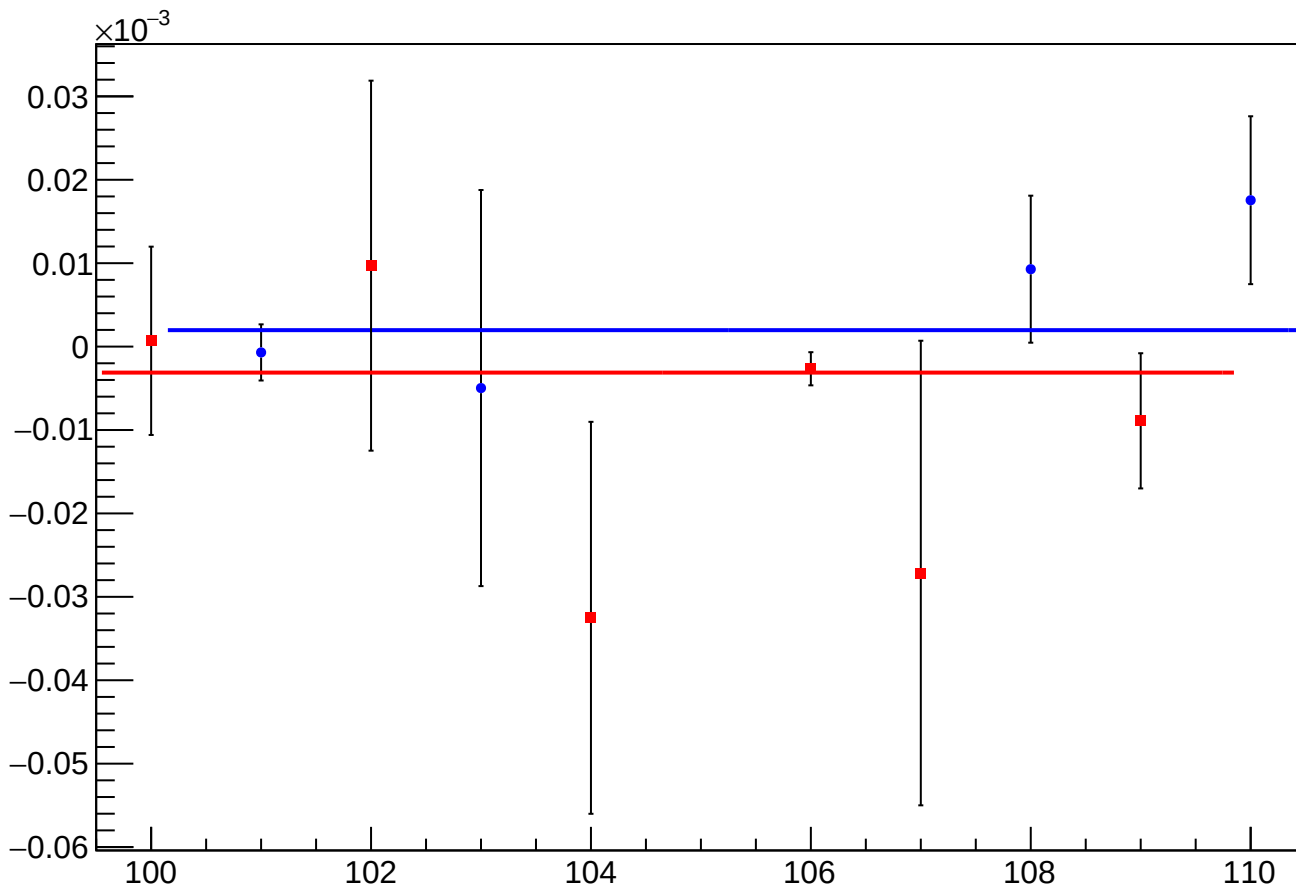
Right: 112.096+/-0.055 χ^2/NDF : 2824884.1/9

In: 114.646+/-0.073 χ^2/NDF : 947918.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.096+/-0.055 χ^2/NDF : 2824884.1/9

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

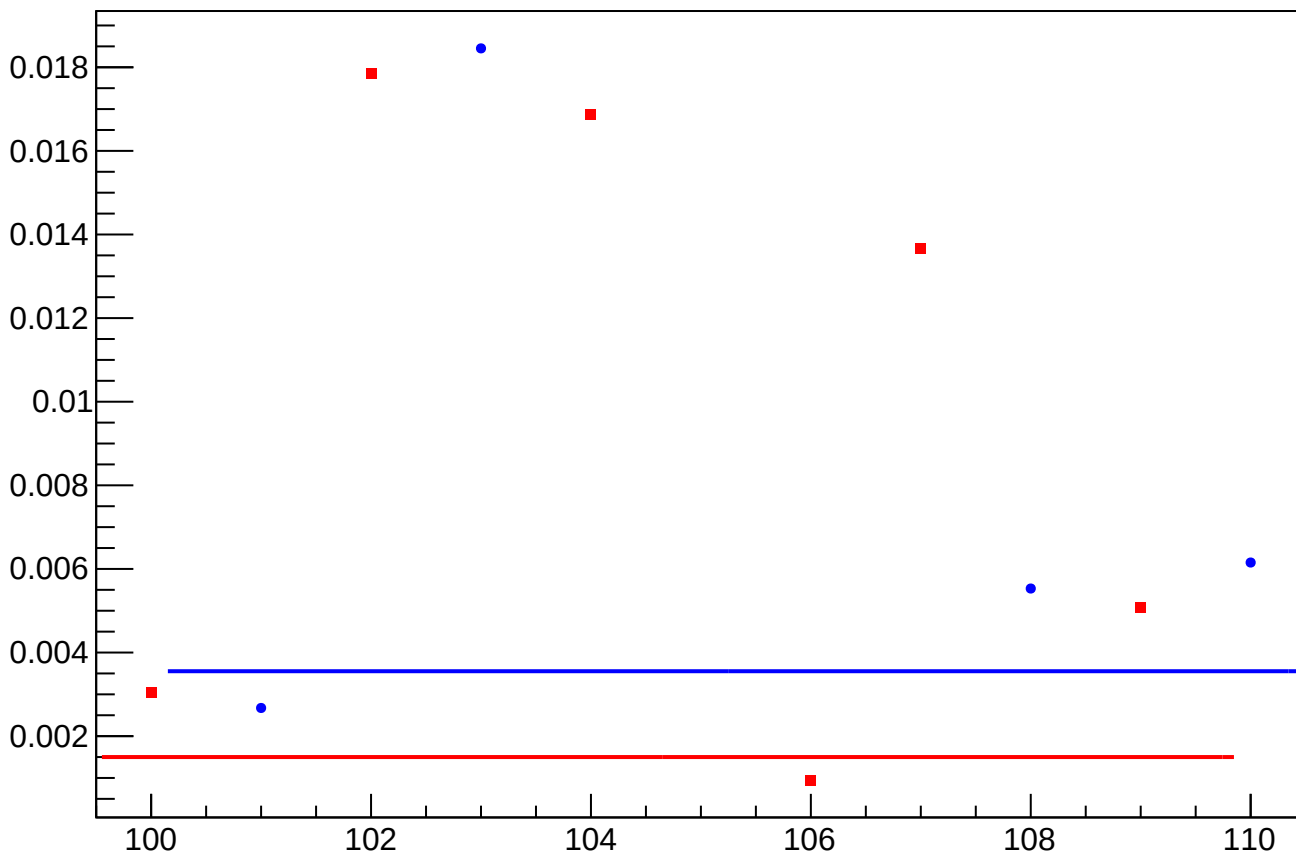
Right: -0.000+/-0.000 χ^2/NDF : 9.2/9

In: 0.000+/-0.000 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.2/9

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1158171.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2916245.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

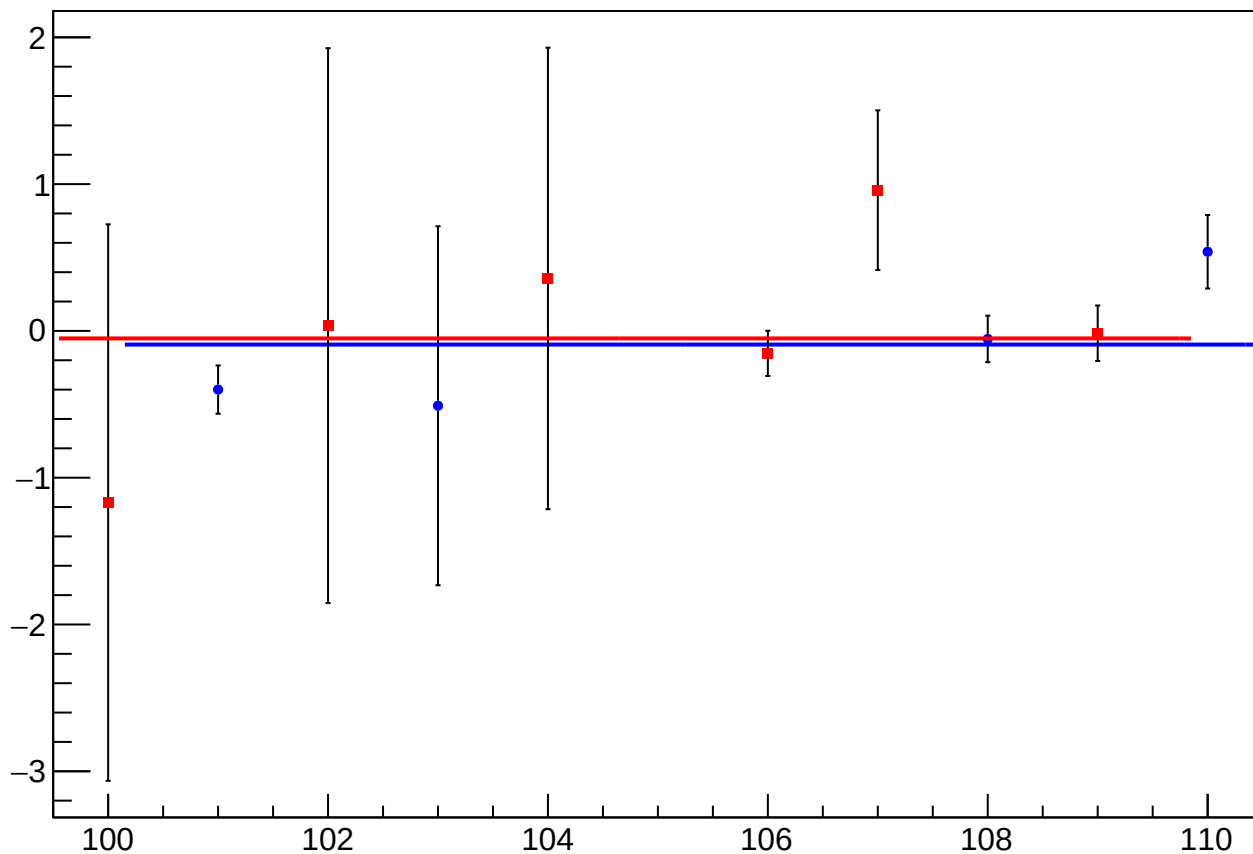
Right: 0.002+/-0.000 χ^2/NDF : 4753191.6/9

In: 0.004+/-0.000 χ^2/NDF : 1158171.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4753191.6/9

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.093 ± 0.103 χ^2/NDF : 10.0/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.051 ± 0.116 χ^2/NDF : 4.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

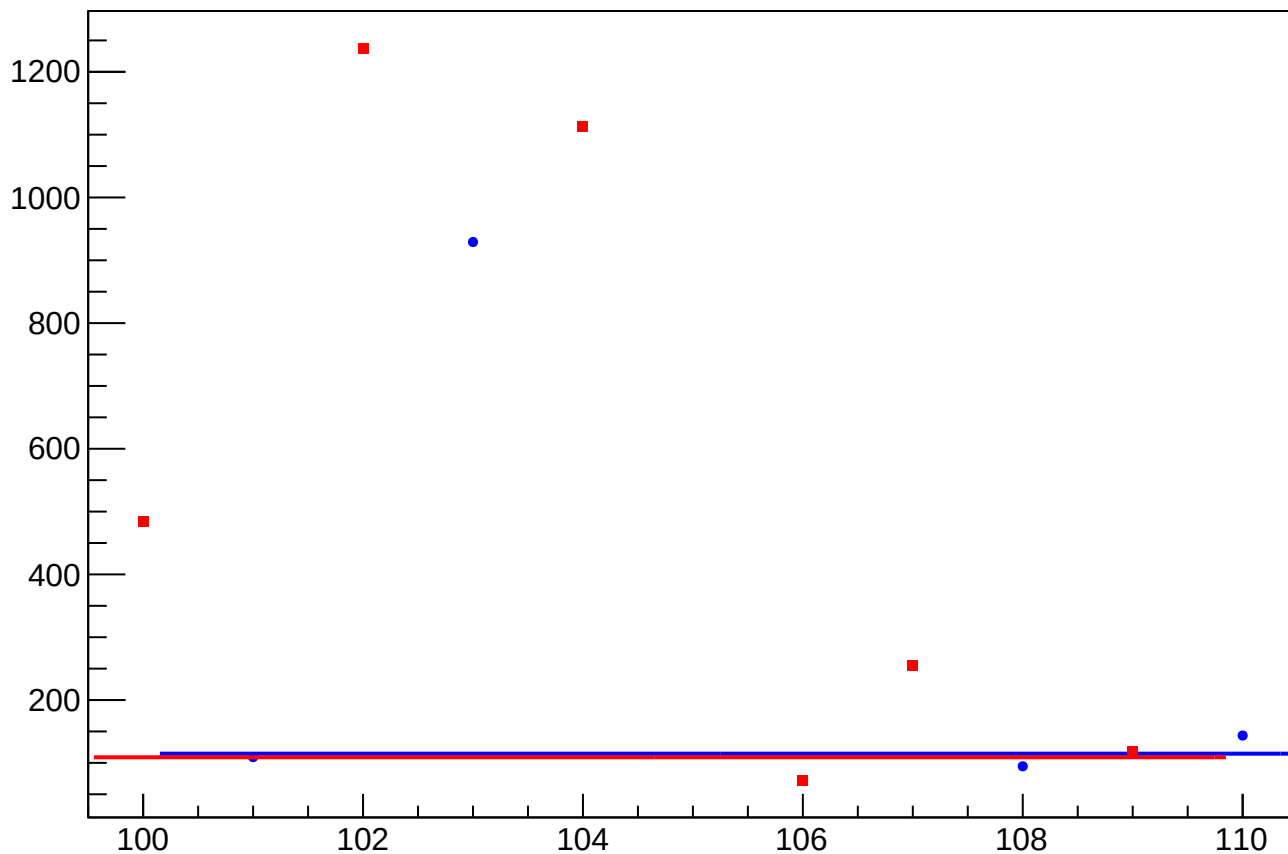
Right: -0.075 ± 0.077 χ^2/NDF : 14.4/9

In: -0.093 ± 0.103 χ^2/NDF : 10.0/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.075 ± 0.077 χ^2/NDF : 14.4/9

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.647+/-0.073 χ^2/NDF : 947909.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.893+/-0.082 χ^2/NDF : 1874216.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

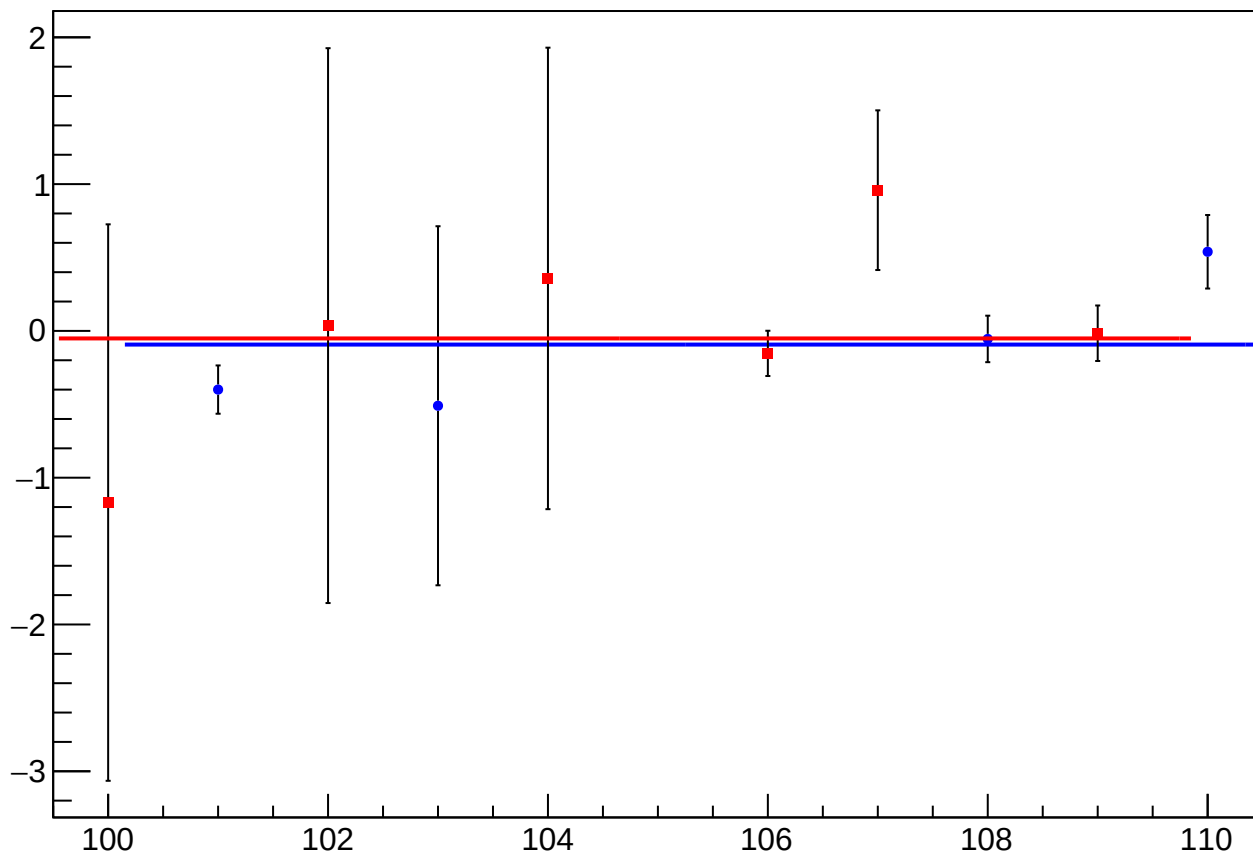
Right: 112.096+/-0.055 χ^2/NDF : 2824870.2/9

In: 114.647+/-0.073 χ^2/NDF : 947909.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.096+/-0.055 χ^2/NDF : 2824870.2/9

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.093+/-0.103 χ^2/NDF : 10.0/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.051+/-0.116 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

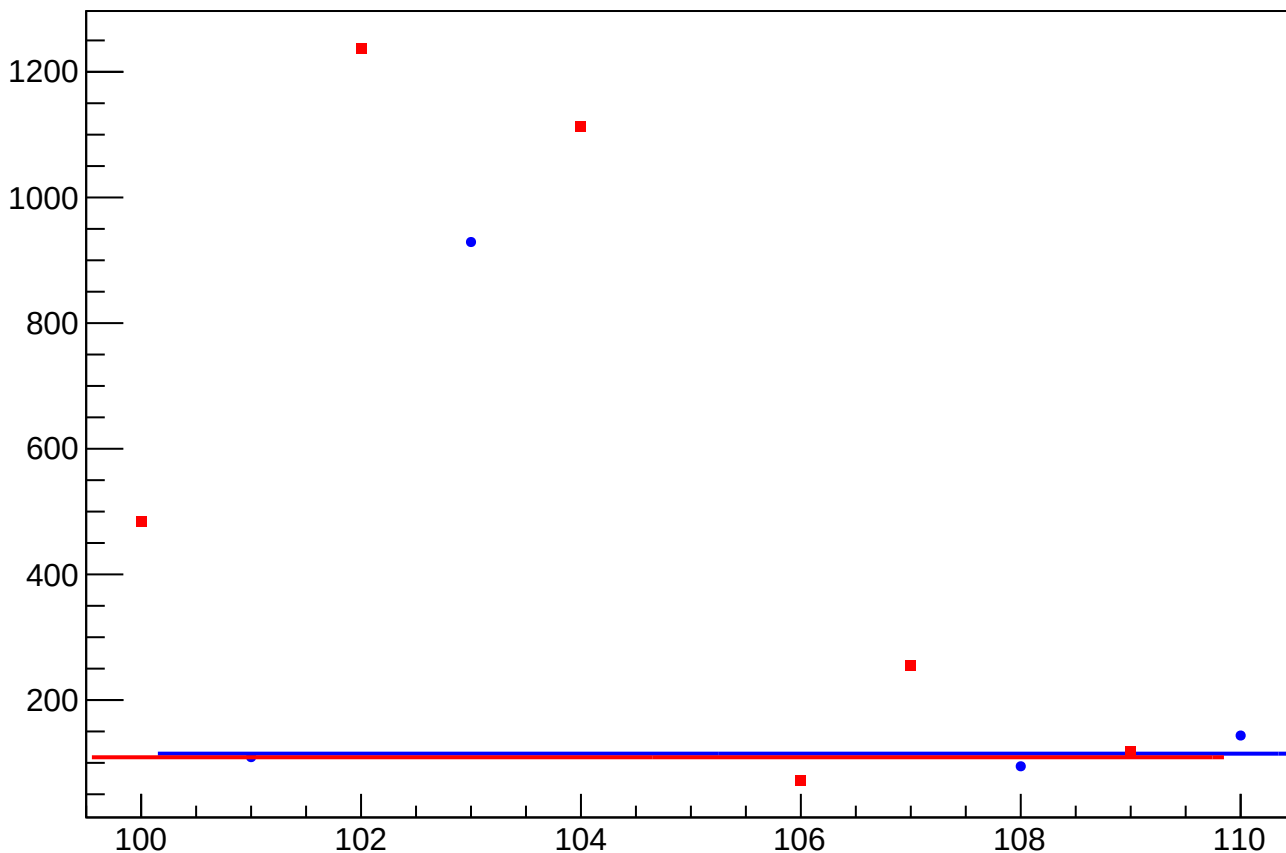
Right: -0.075+/-0.077 χ^2/NDF : 14.4/9

In: -0.093+/-0.103 χ^2/NDF :10.0/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.075+/-0.077 χ^2/NDF : 14.4/9

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.647+/-0.073 χ^2/NDF : 947909.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.893+/-0.082 χ^2/NDF : 1874216.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

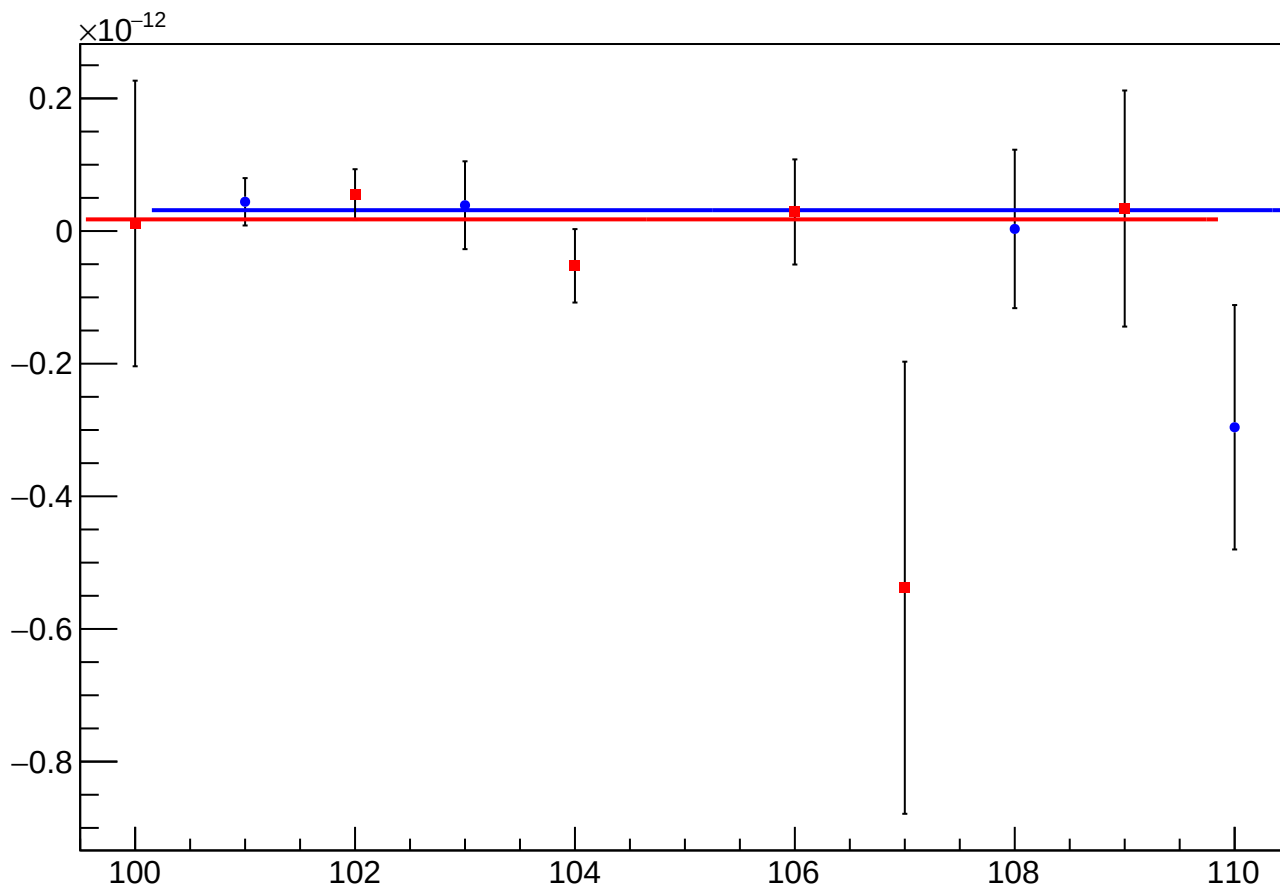
Right: 112.096+/-0.055 χ^2/NDF : 2824870.2/9

In: 114.647+/-0.073 χ^2/NDF : 947909.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.096+/-0.055 χ^2/NDF : 2824870.2/9

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

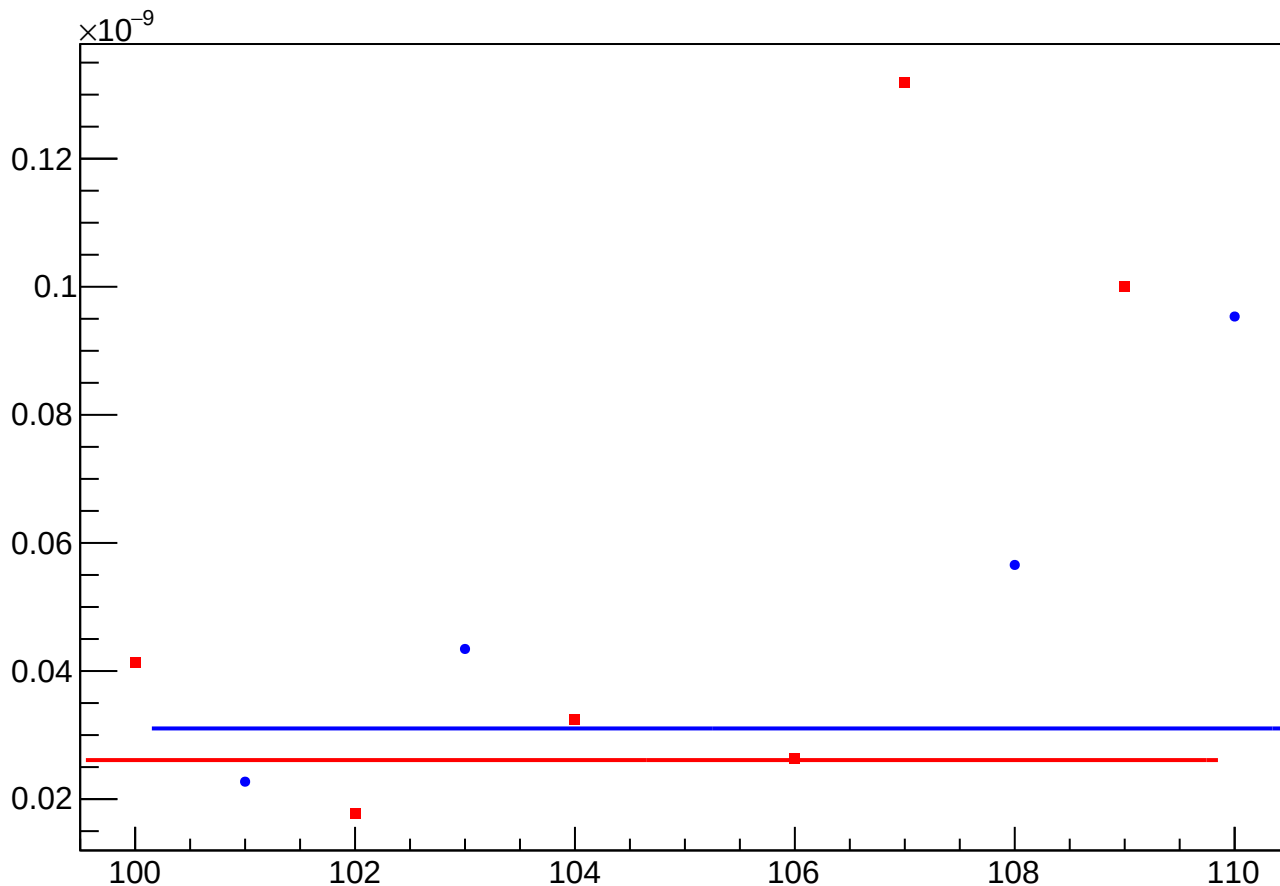
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.7/9

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.7/9

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 513509.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 669861.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

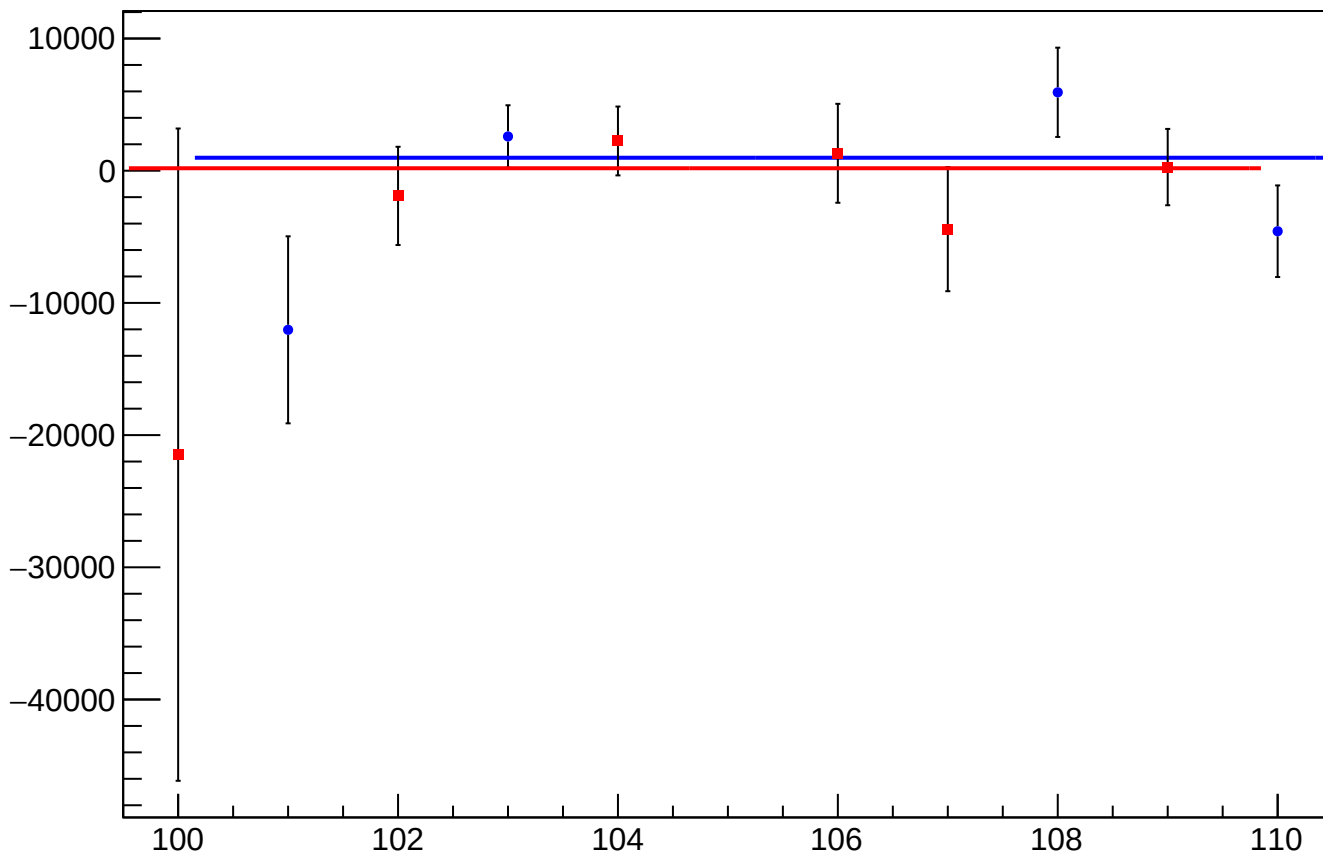
Right: 0.000+/-0.000 χ^2/NDF : 1211845.2/9

In: 0.000+/-0.000 χ^2/NDF : 513509.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1211845.2/9

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 981.635+/-1642.778 χ^2/NDF : 8.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.394+/-1477.307 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

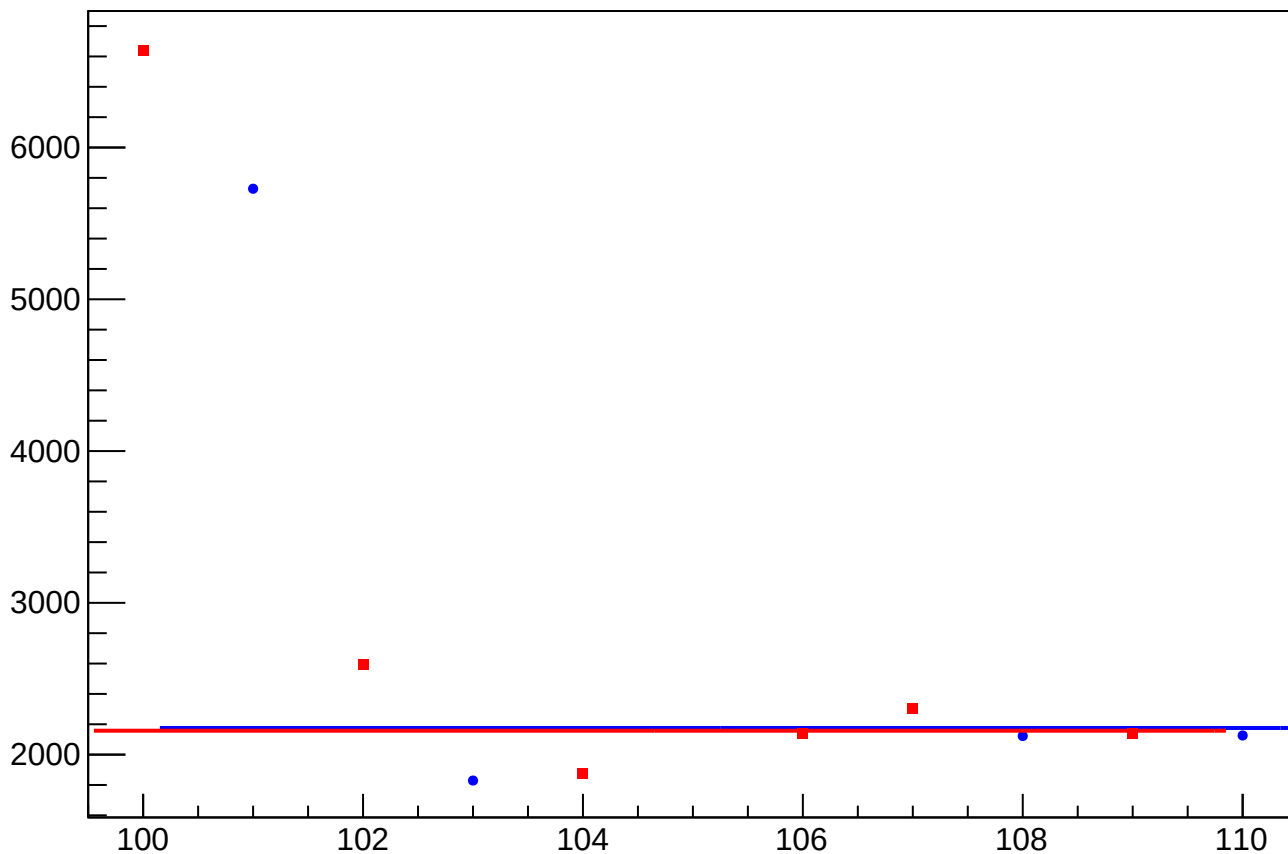
Right: 541.958+/-1098.470 χ^2/NDF : 11.5/9

In: 981.635+/-1642.778 χ^2/NDF : 8.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.958+/-1098.470 χ^2/NDF : 11.5/9

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2175.656+/-1.162 χ^2/NDF : 548455.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2157.603+/-1.045 χ^2/NDF : 119862.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

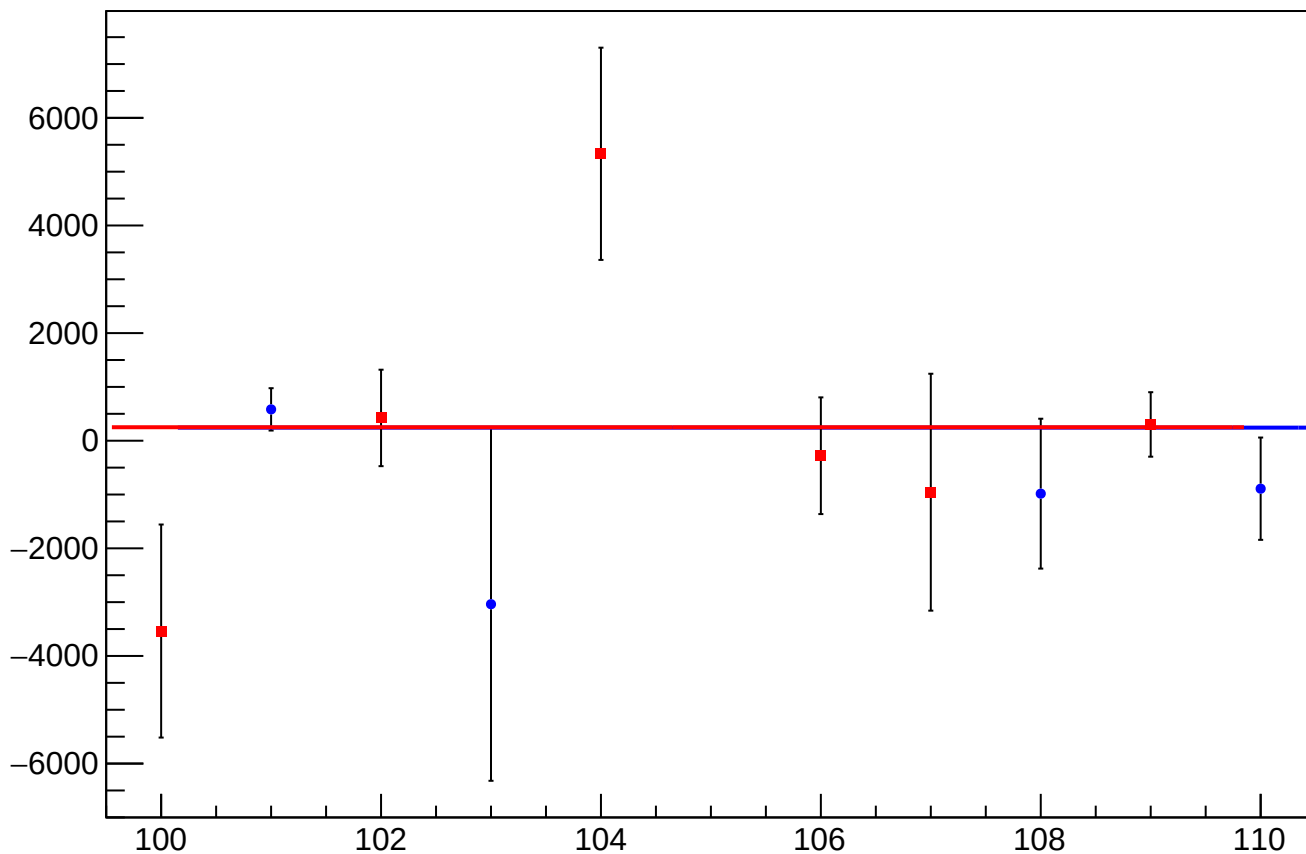
Right: 2165.675+/-0.777 χ^2/NDF : 668451.6/9

In: 2175.656+/-1.162 χ^2/NDF : 548455.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2165.675+/-0.777 χ^2/NDF : 668451.6/9

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 243.171+/-349.768 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 250.627+/-422.601 χ^2/NDF : 10.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

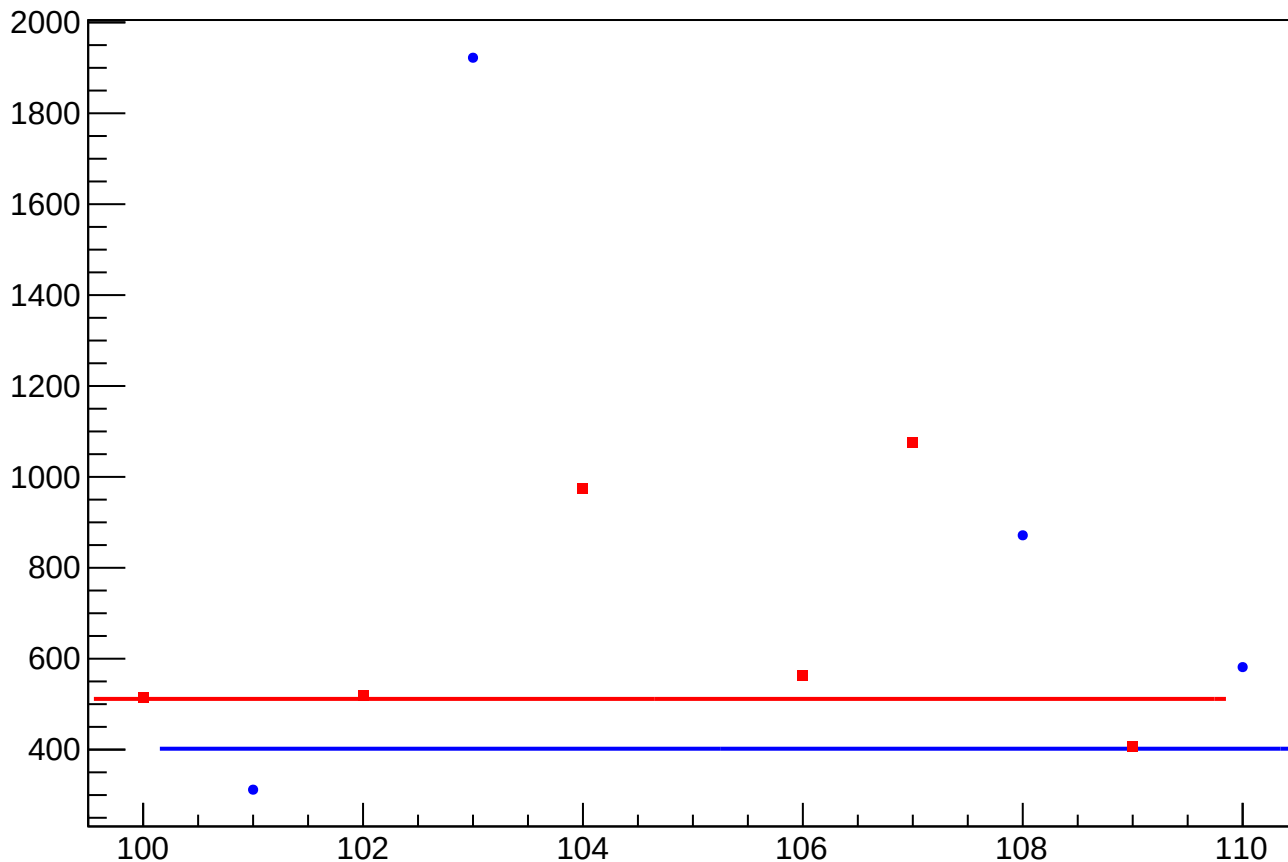
Right: 246.202+/-269.450 χ^2/NDF : 14.8/9

In: 243.171+/-349.768 χ^2/NDF :3.9/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 246.202+/-269.450 χ^2/NDF : 14.8/9

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 401.946+/-0.247 χ^2/NDF : 832700.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 511.554+/-0.299 χ^2/NDF : 307197.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

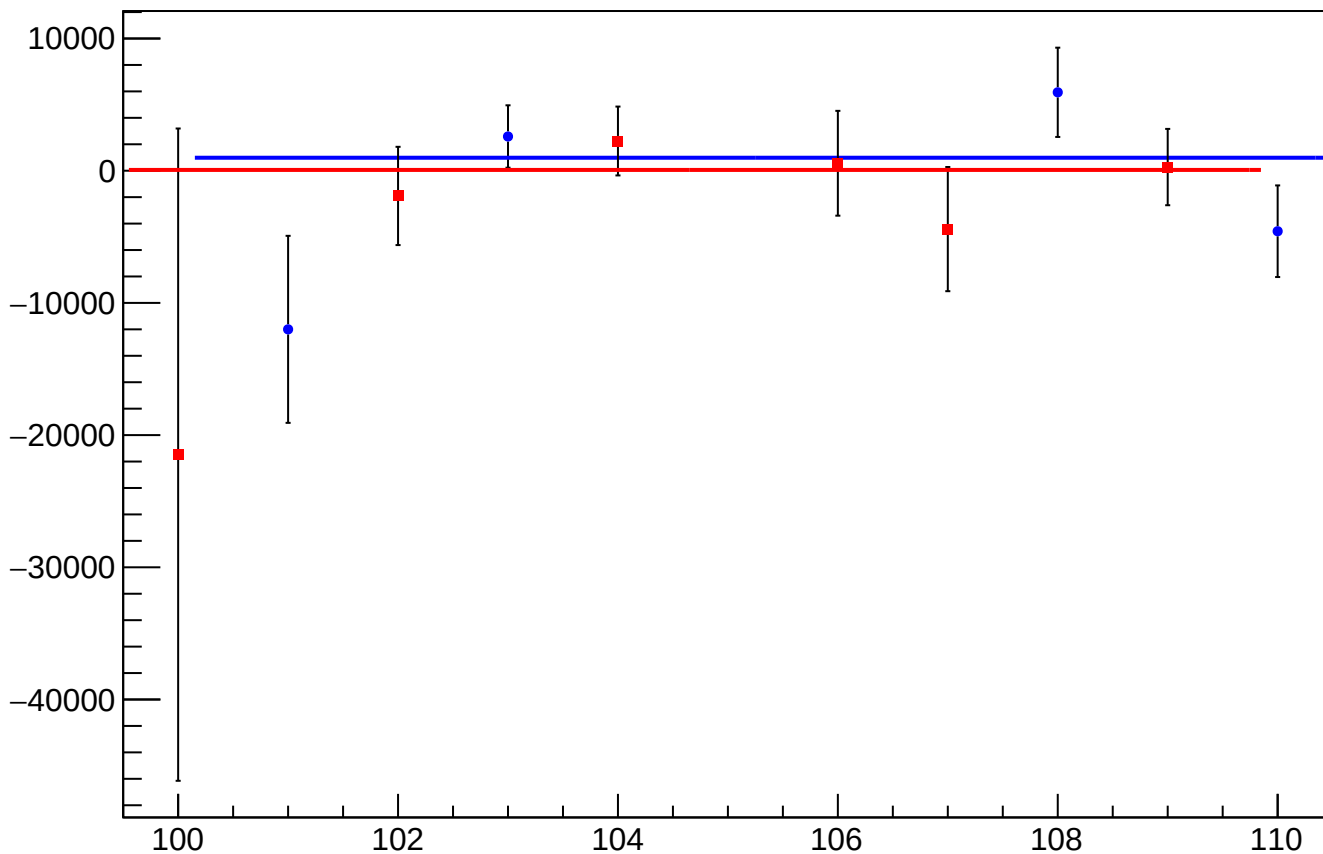
Right: 446.505+/-0.191 χ^2/NDF : 1219744.2/9

In: 401.946+/-0.247 χ^2/NDF : 832700.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 446.505+/-0.191 χ^2/NDF : 1219744.2/9

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 982.101+/-1642.779 χ^2/NDF : 8.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.074+/-1490.006 χ^2/NDF : 2.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

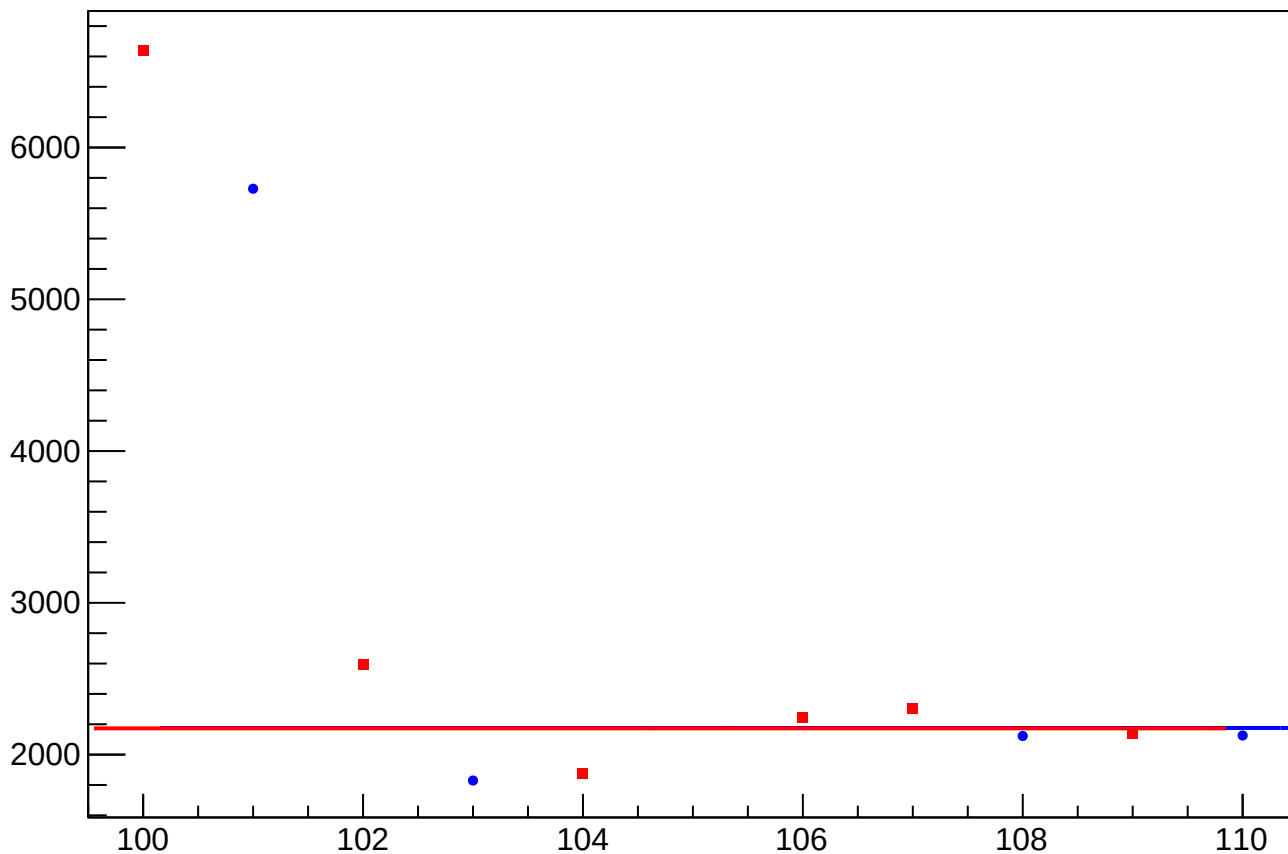
Right: 475.682+/-1103.661 χ^2/NDF : 11.4/9

In: 982.101+/-1642.779 χ^2/NDF : 8.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.682+/-1103.661 χ^2/NDF : 11.4/9

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2175.655+/-1.162 χ^2/NDF : 548456.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2172.812+/-1.054 χ^2/NDF : 120487.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

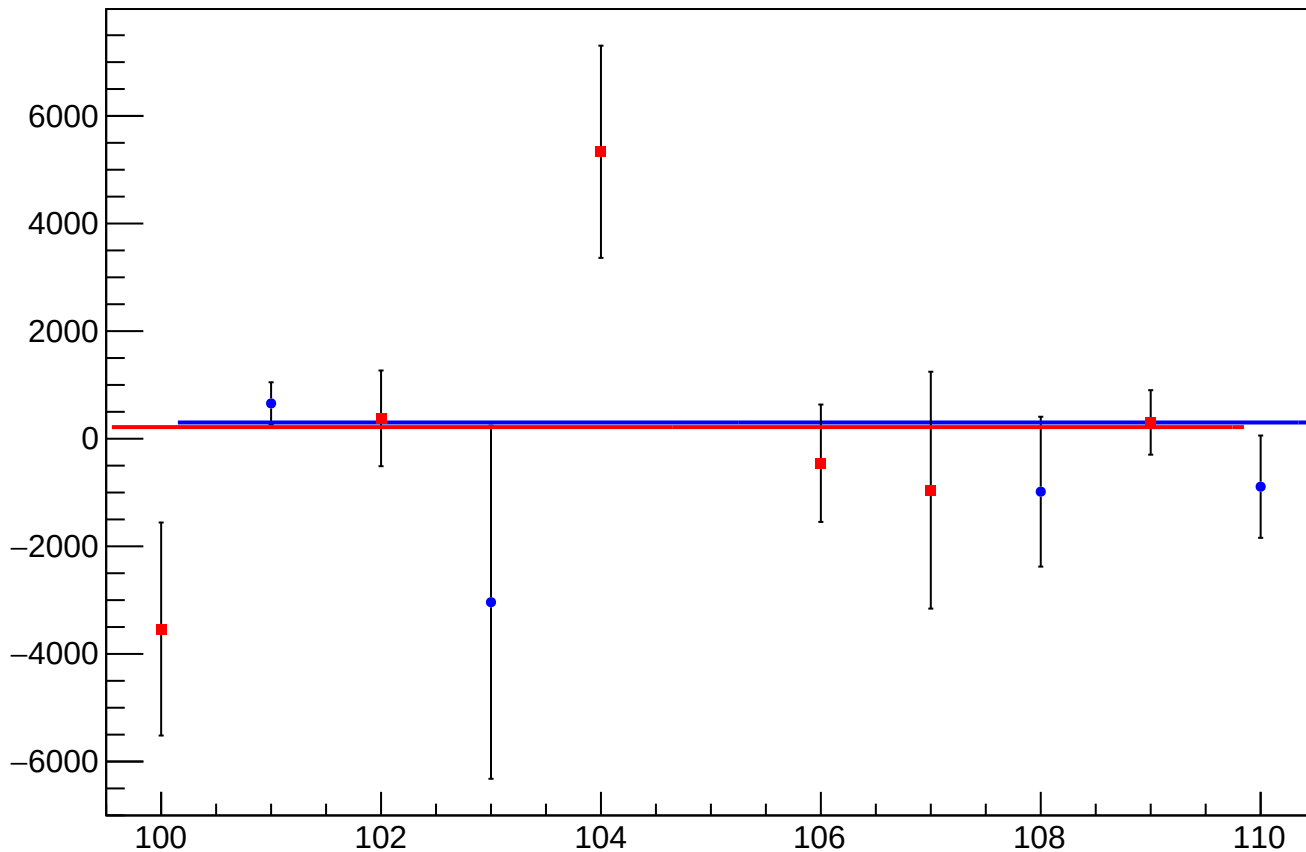
Right: 2174.096+/-0.780 χ^2/NDF : 668946.5/9

In: 2175.655+/-1.162 χ^2/NDF : 548456.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2174.096+/-0.780 χ^2/NDF : 668946.5/9

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.914 $\pm$ 349.460 χ^2 /NDF: 4.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 215.957 $\pm$ 422.288 χ^2 /NDF: 11.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

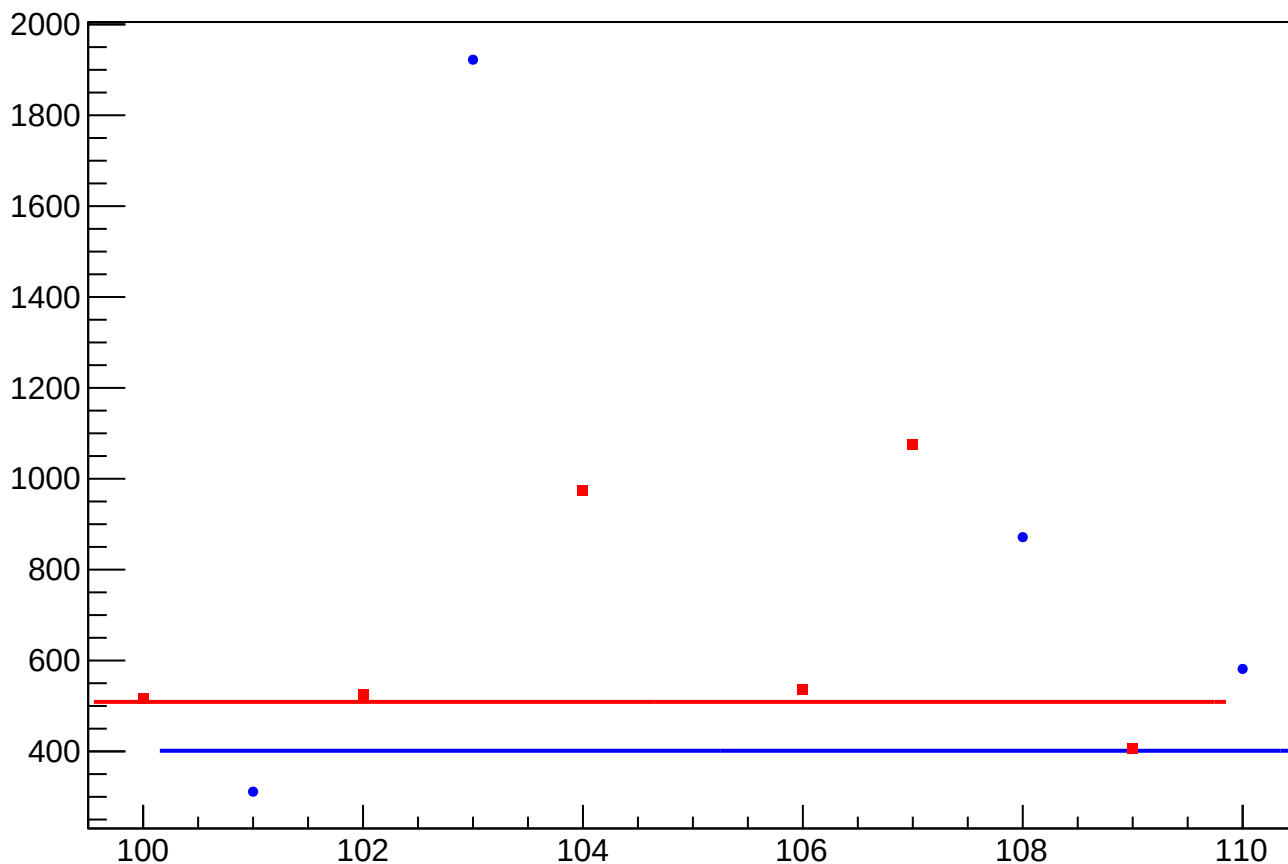
Right: 266.975 $\pm$ 269.228 χ^2 /NDF: 15.3/9

In: 301.914 $\pm$ 349.460 χ^2 /NDF:4.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 266.975 $\pm$ 269.228 χ^2 /NDF: 15.3/9

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 401.391+/-0.247 χ^2/NDF : 834038.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.967+/-0.299 χ^2/NDF : 303865.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

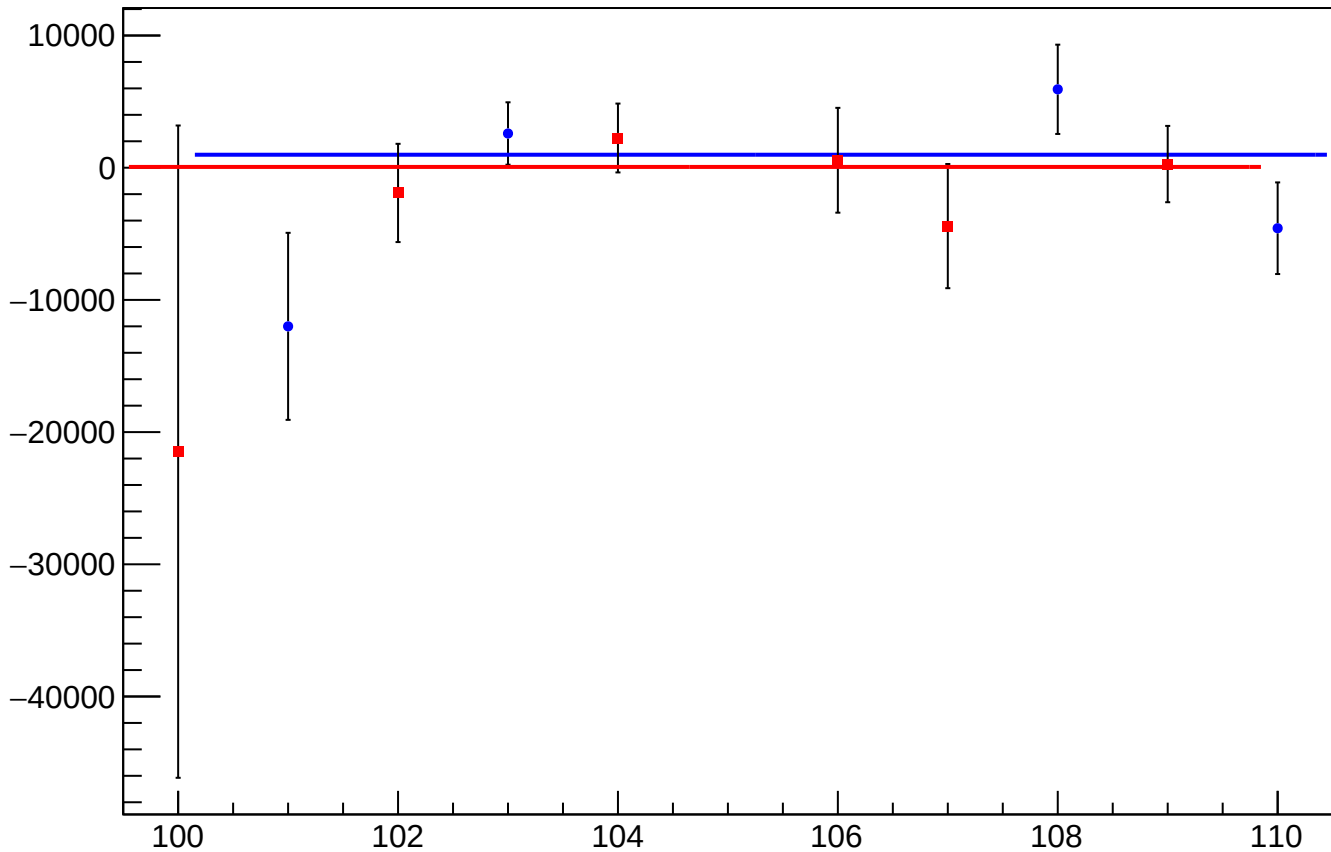
Right: 445.117+/-0.190 χ^2/NDF : 1214939.9/9

In: 401.391+/-0.247 χ^2/NDF : 834038.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.117+/-0.190 χ^2/NDF : 1214939.9/9

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 982.101+/-1642.779 χ^2 /NDF: 8.6/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 59.074+/-1490.006 χ^2 /NDF: 2.7/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

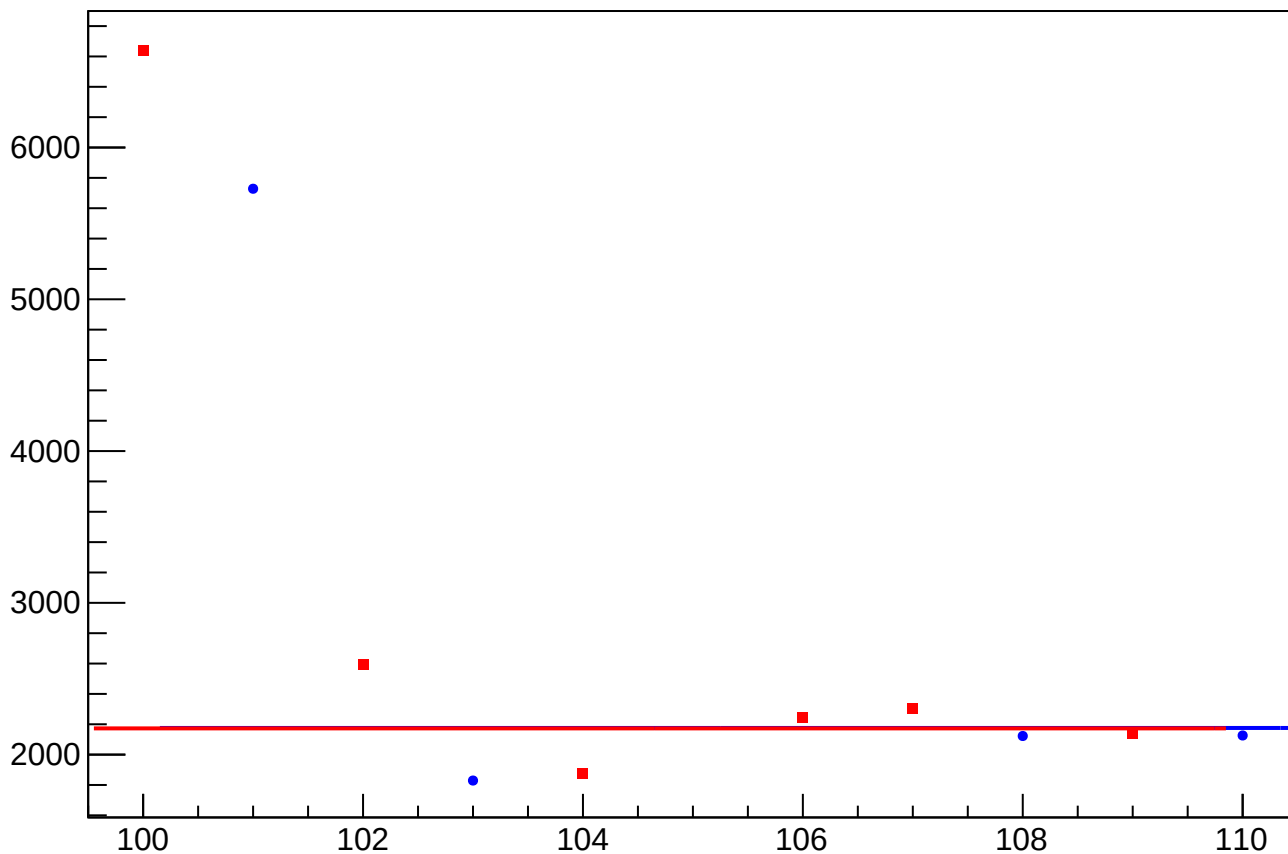
Right: 475.682+/-1103.661 χ^2 /NDF: 11.4/9

In: 982.101+/-1642.779 χ^2 /NDF:8.6/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 475.682+/-1103.661 χ^2 /NDF: 11.4/9

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2175.655+/-1.162 χ^2/NDF : 548456.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2172.812+/-1.054 χ^2/NDF : 120487.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

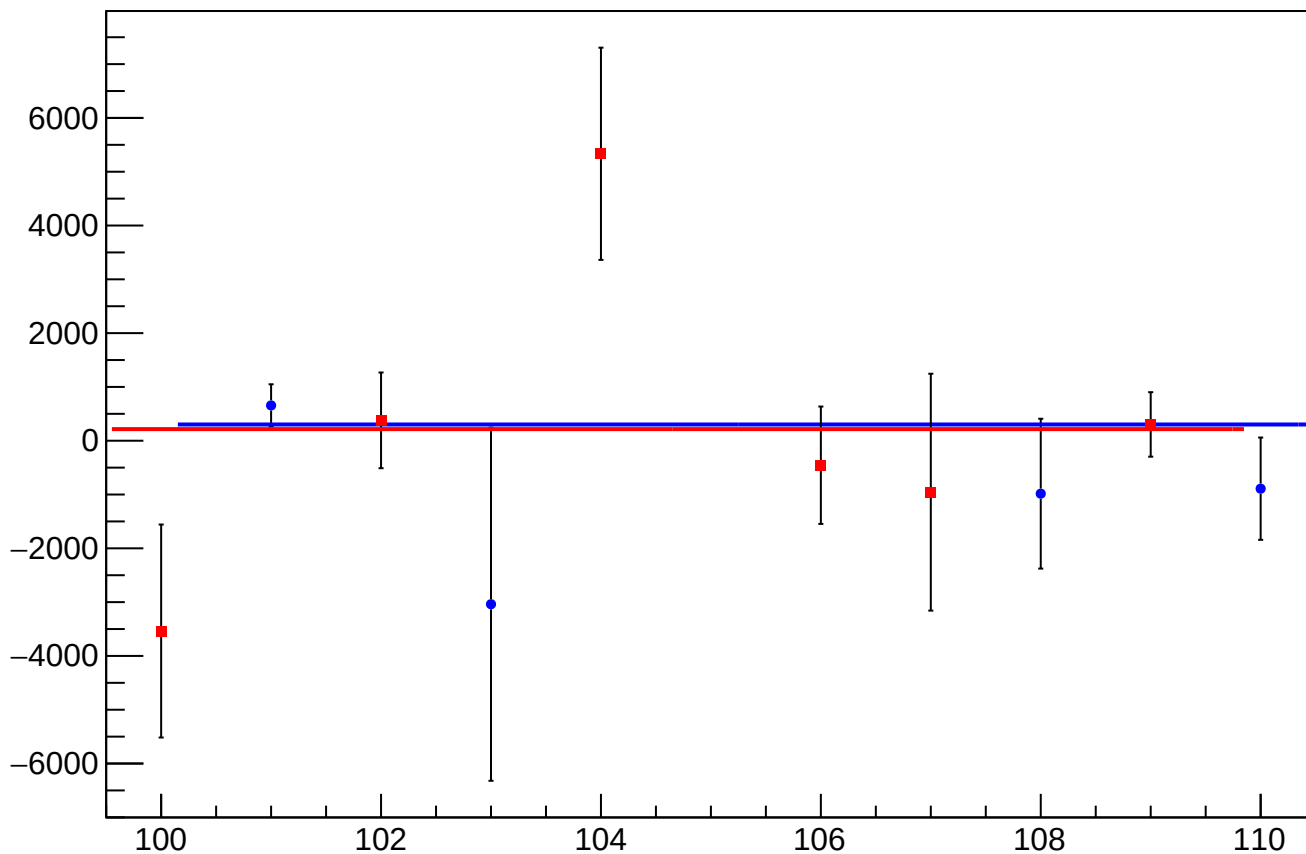
Right: 2174.096+/-0.780 χ^2/NDF : 668946.5/9

In: 2175.655+/-1.162 χ^2/NDF : 548456.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2174.096+/-0.780 χ^2/NDF : 668946.5/9

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.914+/-349.460 χ^2/NDF : 4.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.957+/-422.288 χ^2/NDF : 11.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

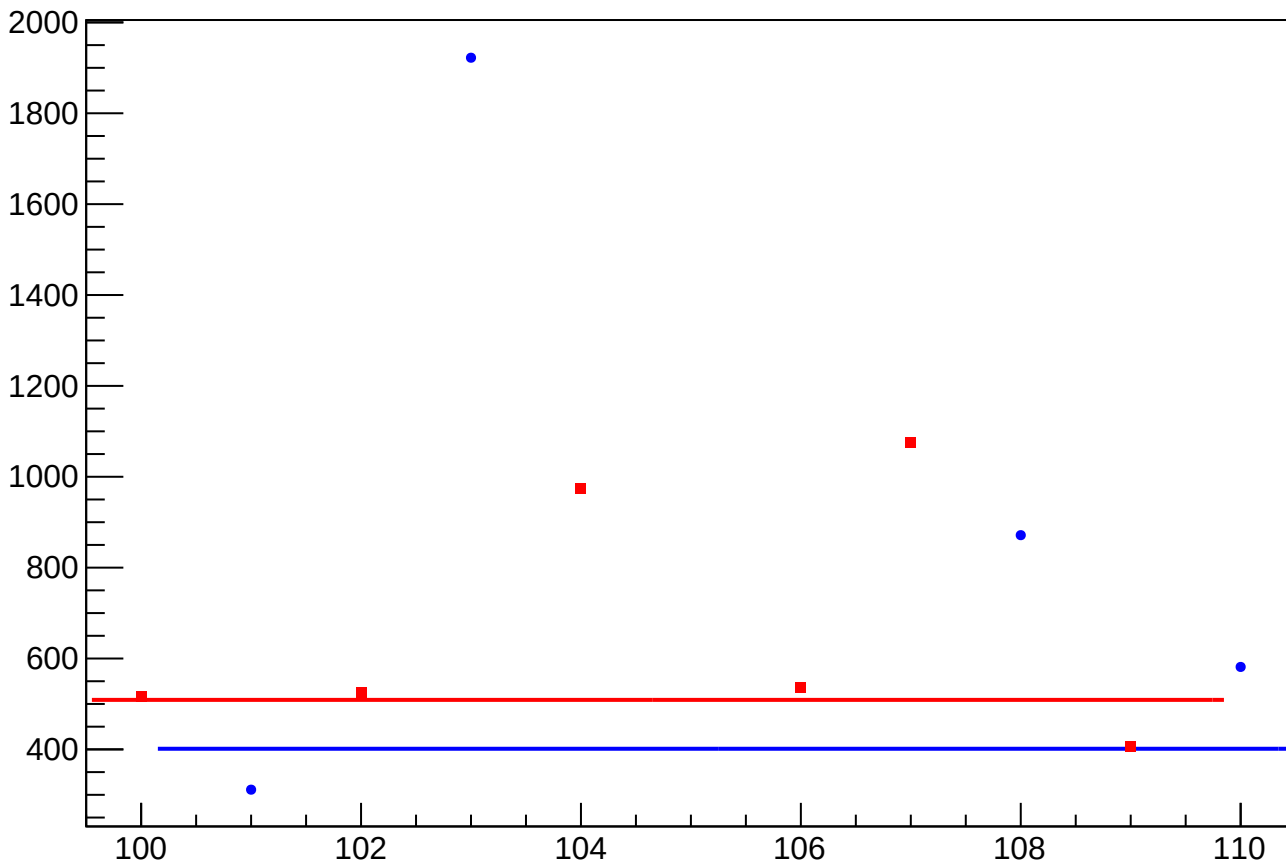
Right: 266.975+/-269.228 χ^2/NDF : 15.3/9

In: 301.914+/-349.460 χ^2/NDF : 4.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.975+/-269.228 χ^2/NDF : 15.3/9

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 401.391+/-0.247 χ^2/NDF : 834038.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.967+/-0.299 χ^2/NDF : 303865.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

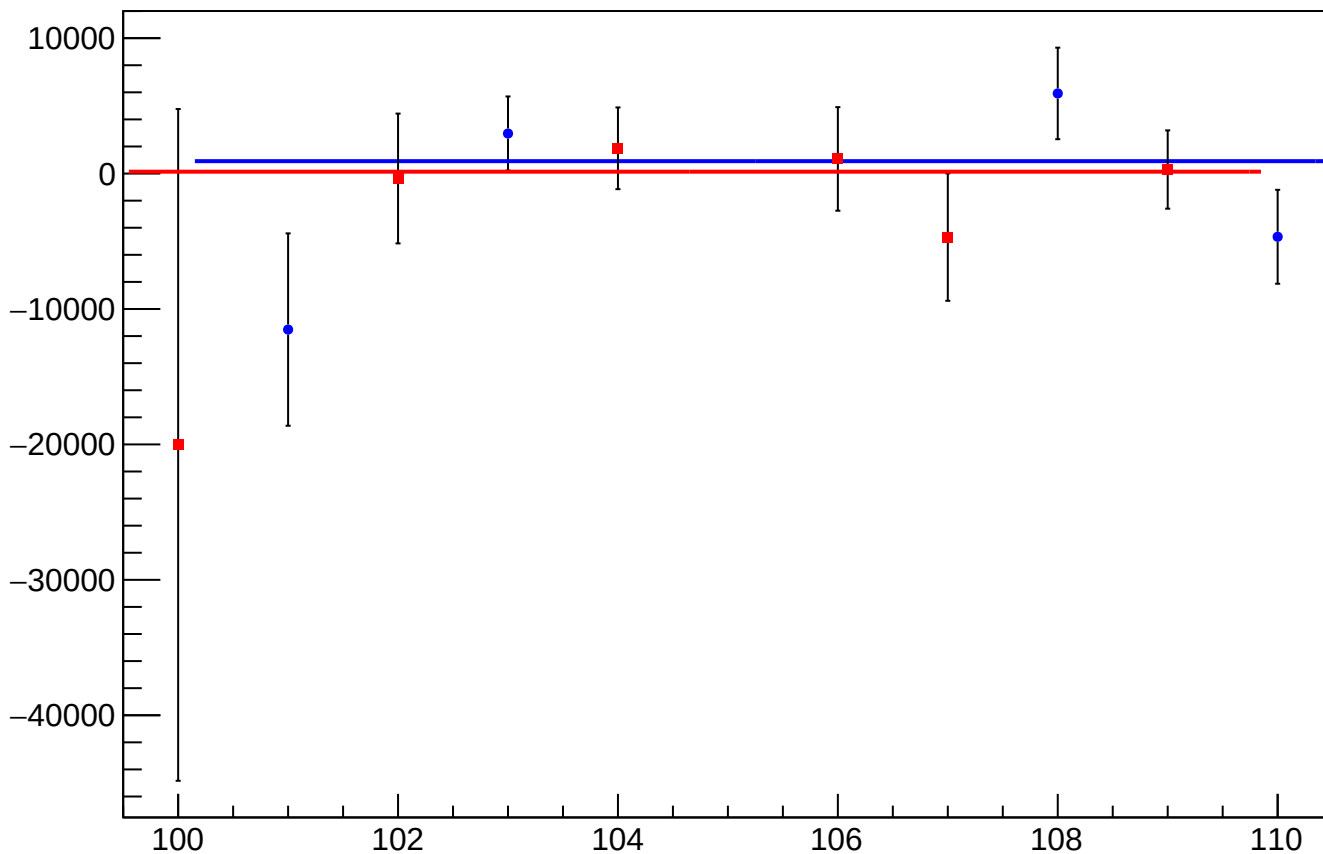
Right: 445.117+/-0.190 χ^2/NDF : 1214939.9/9

In: 401.391+/-0.247 χ^2/NDF : 834038.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.117+/-0.190 χ^2/NDF : 1214939.9/9

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 916.363 $\pm$ 1756.228 χ^2 /NDF: 8.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 139.983 $\pm$ 1605.084 χ^2 /NDF: 2.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

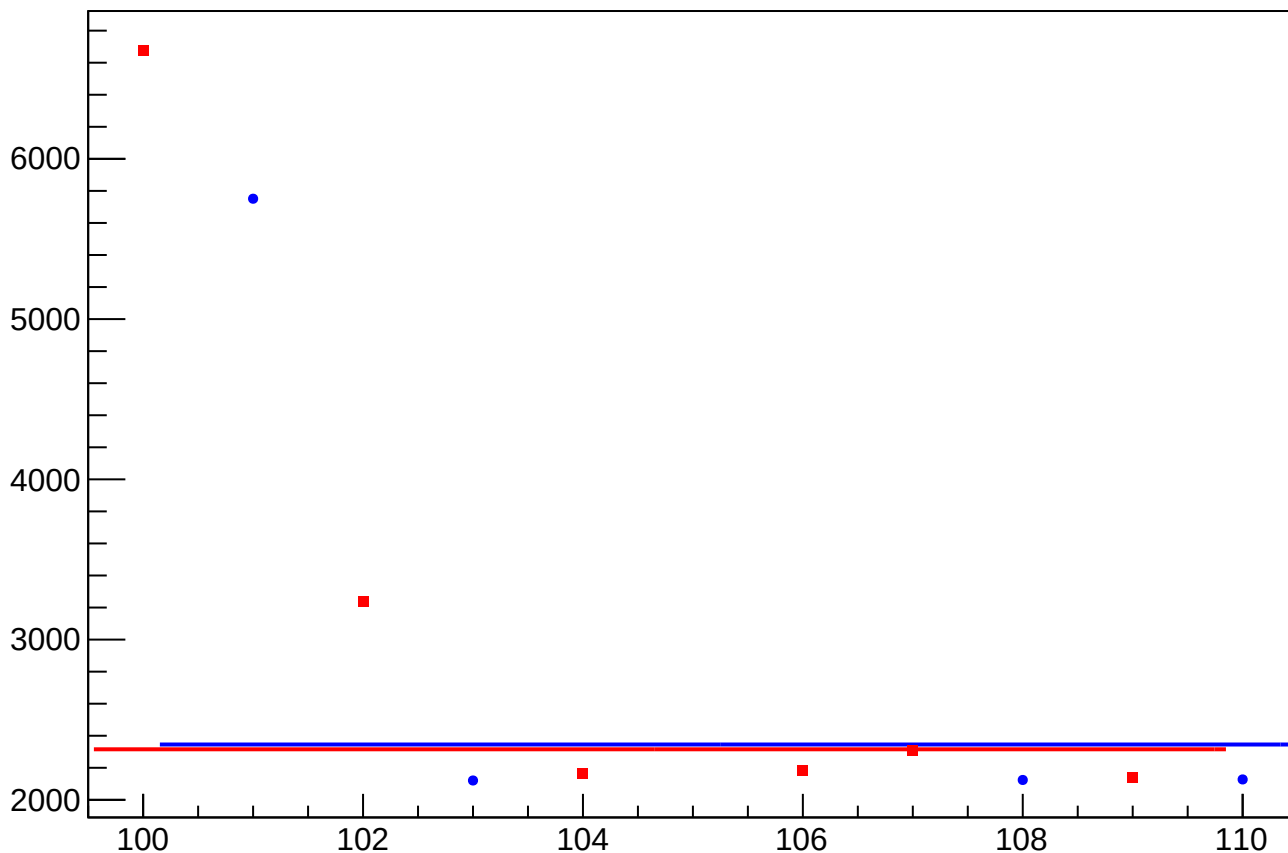
Right: 493.333 $\pm$ 1184.803 χ^2 /NDF: 10.6/9

In: 916.363 $\pm$ 1756.228 χ^2 /NDF:8.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 493.333 $\pm$ 1184.803 χ^2 /NDF: 10.6/9

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2345.310+/-1.242 χ^2/NDF : 489768.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2315.453+/-1.135 χ^2/NDF : 150826.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

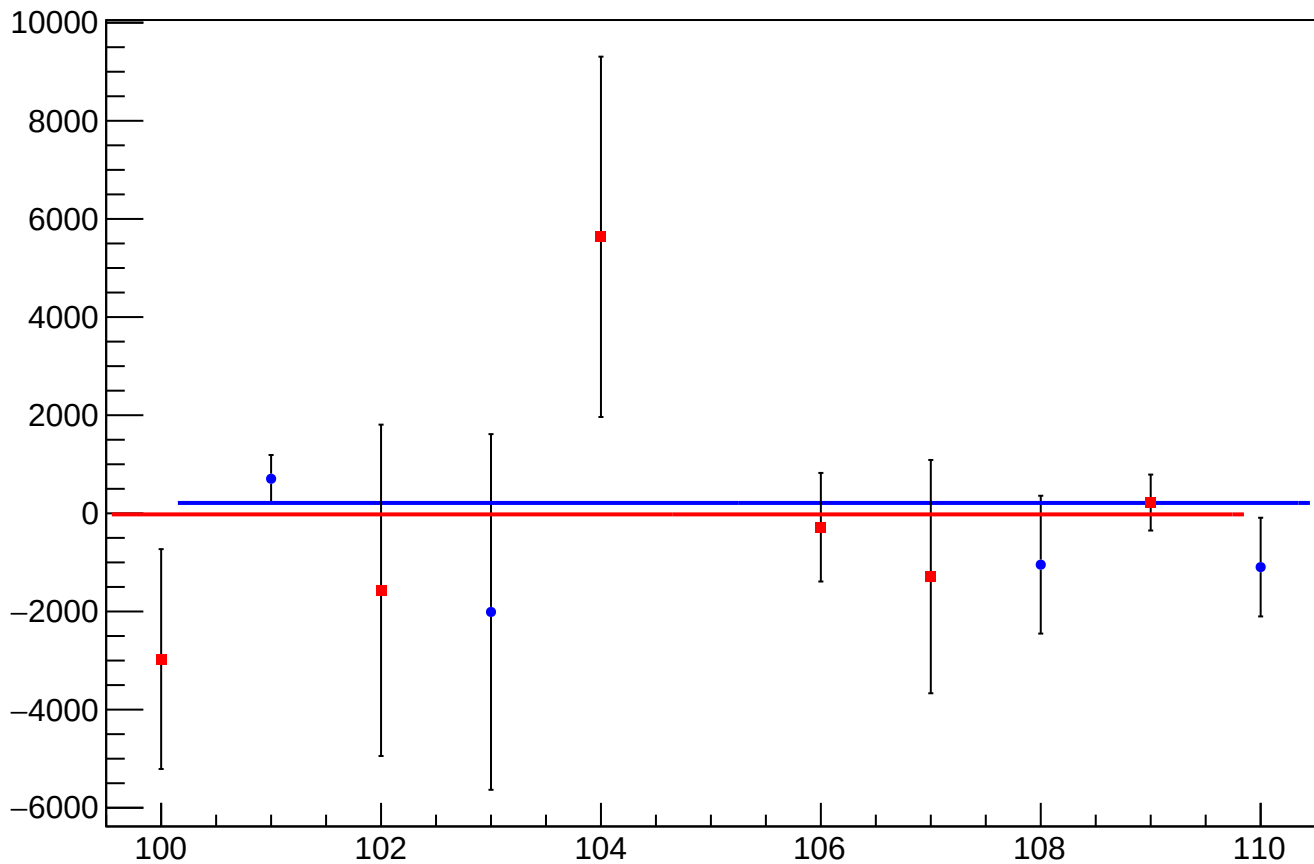
Right: 2329.041+/-0.838 χ^2/NDF : 640909.2/9

In: 2345.310+/-1.242 χ^2/NDF : 489768.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2329.041+/-0.838 χ^2/NDF : 640909.2/9

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 212.217+/-413.948 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.111+/-474.997 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

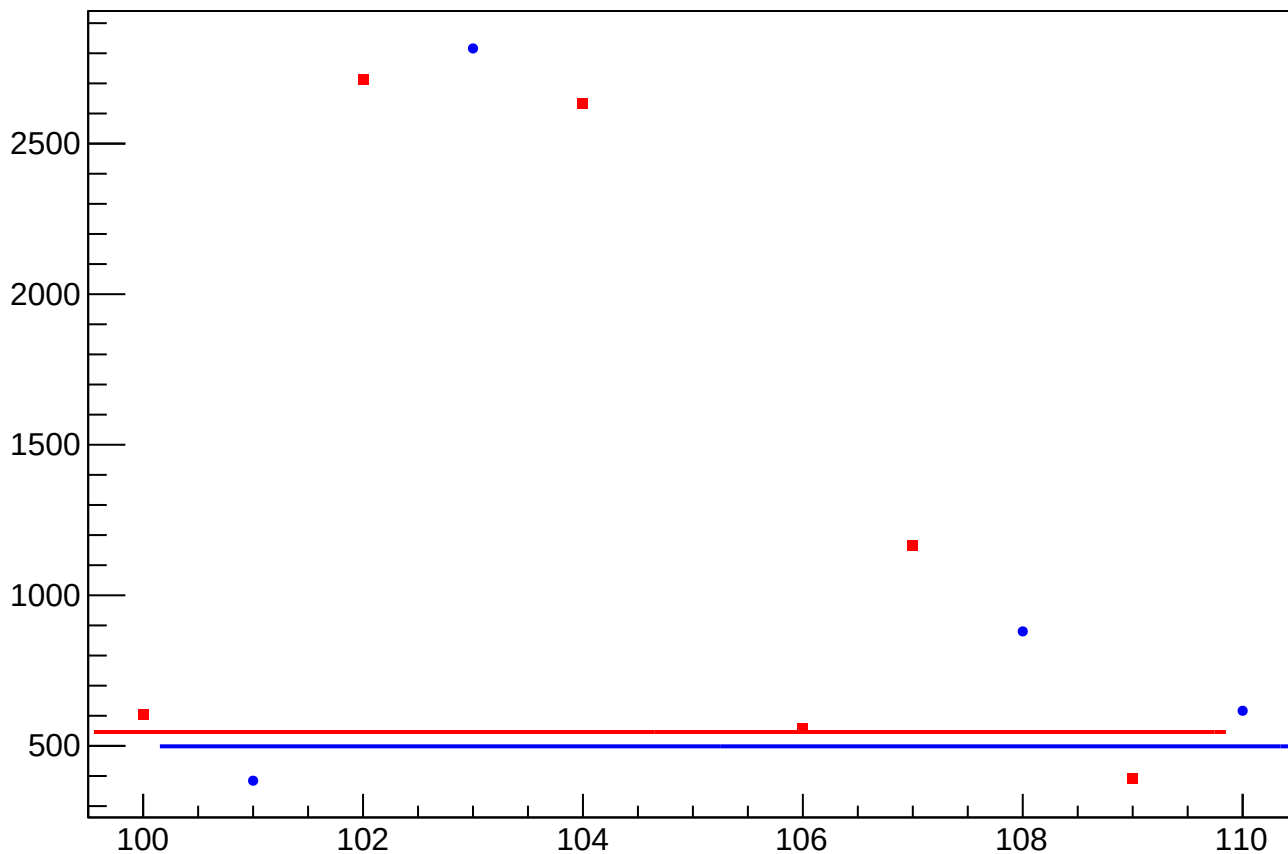
Right: 111.501+/-312.072 χ^2/NDF : 8.9/9

In: 212.217+/-413.948 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.501+/-312.072 χ^2/NDF : 8.9/9

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 498.501+/-0.293 χ^2/NDF : 1104141.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.105+/-0.336 χ^2/NDF : 1755070.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

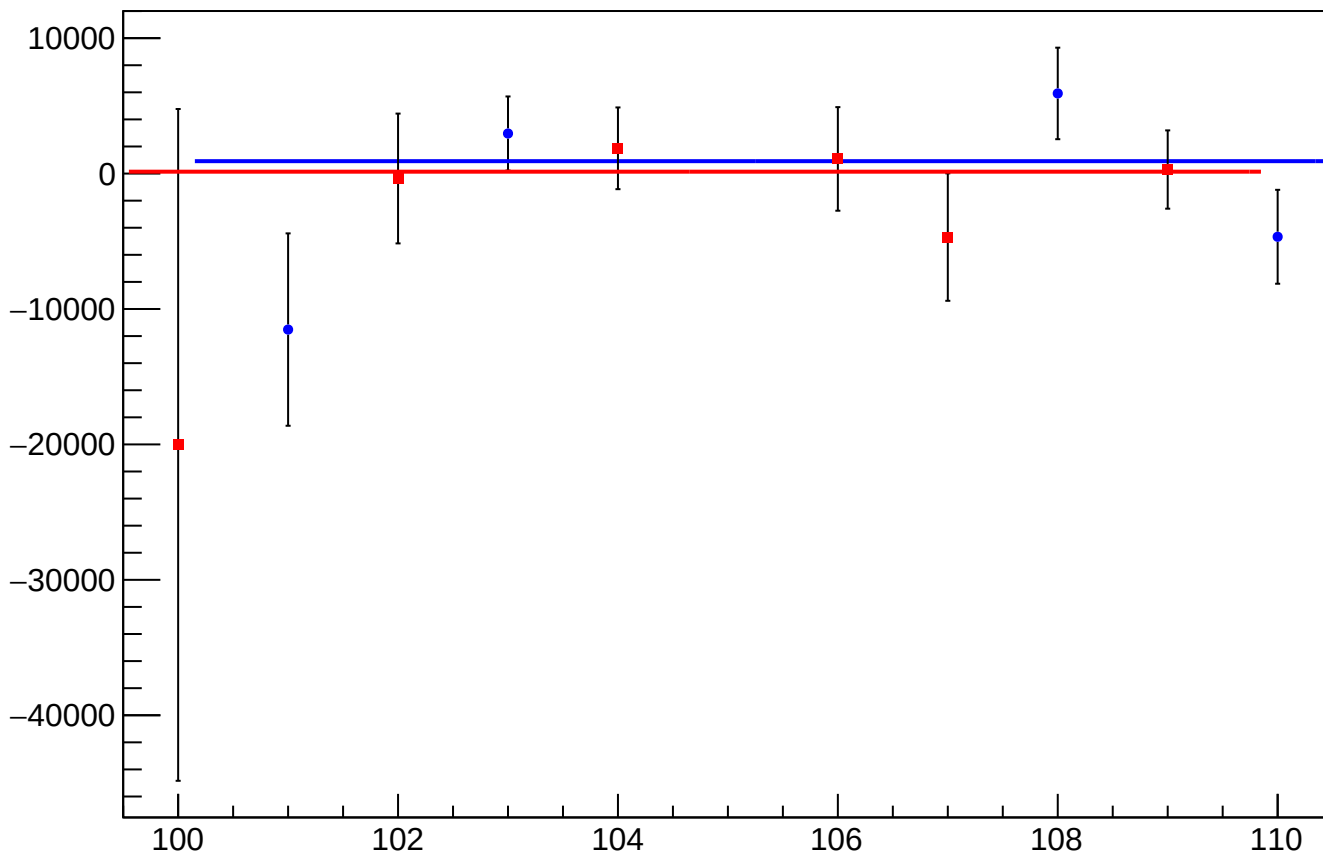
Right: 519.049+/-0.221 χ^2/NDF : 2870628.3/9

In: 498.501+/-0.293 χ^2/NDF : 1104141.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.049+/-0.221 χ^2/NDF : 2870628.3/9

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 916.368+/-1756.227 χ^2/NDF : 8.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.985+/-1605.083 χ^2/NDF : 2.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

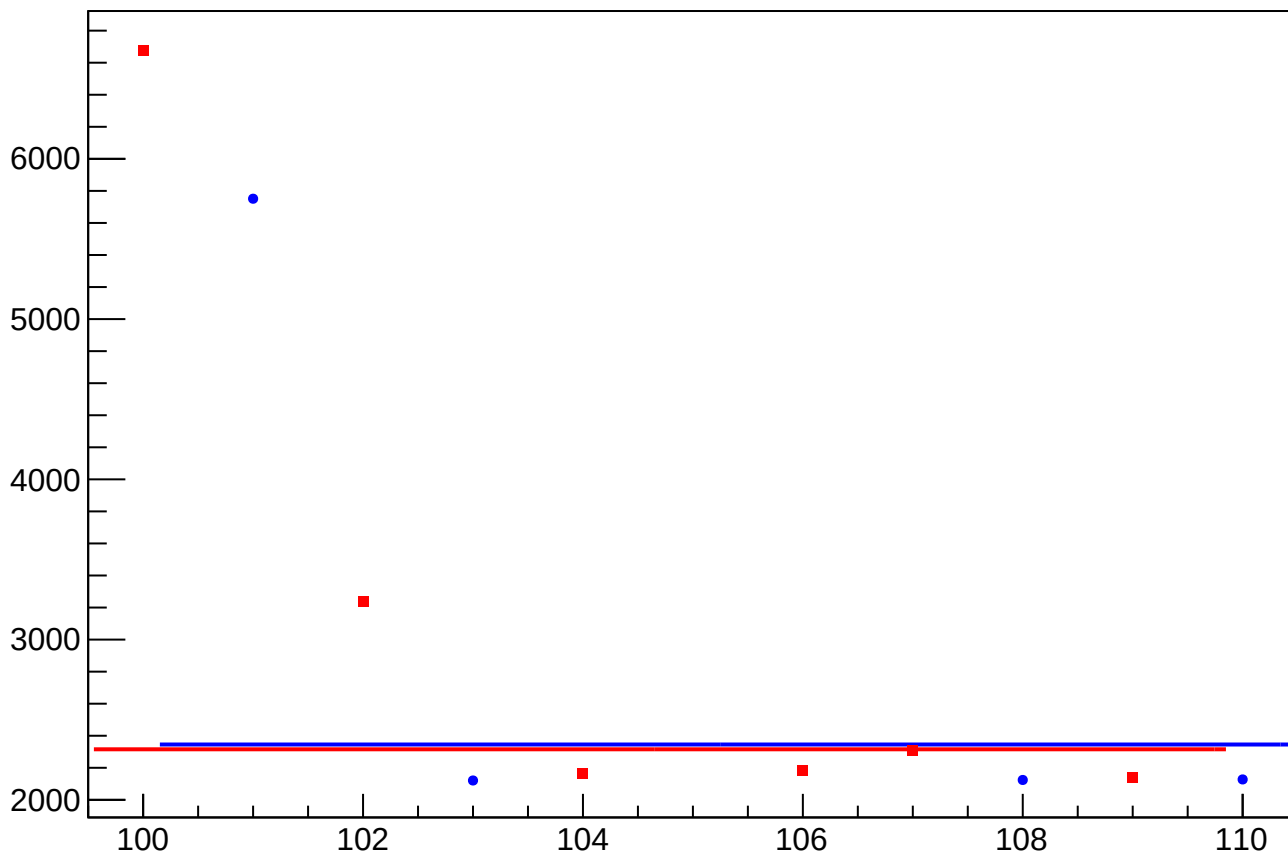
Right: 493.336+/-1184.803 χ^2/NDF : 10.6/9

In: 916.368+/-1756.227 χ^2/NDF : 8.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 493.336+/-1184.803 χ^2/NDF : 10.6/9

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2345.308+/-1.242 χ^2/NDF : 489768.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2315.452+/-1.135 χ^2/NDF : 150825.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

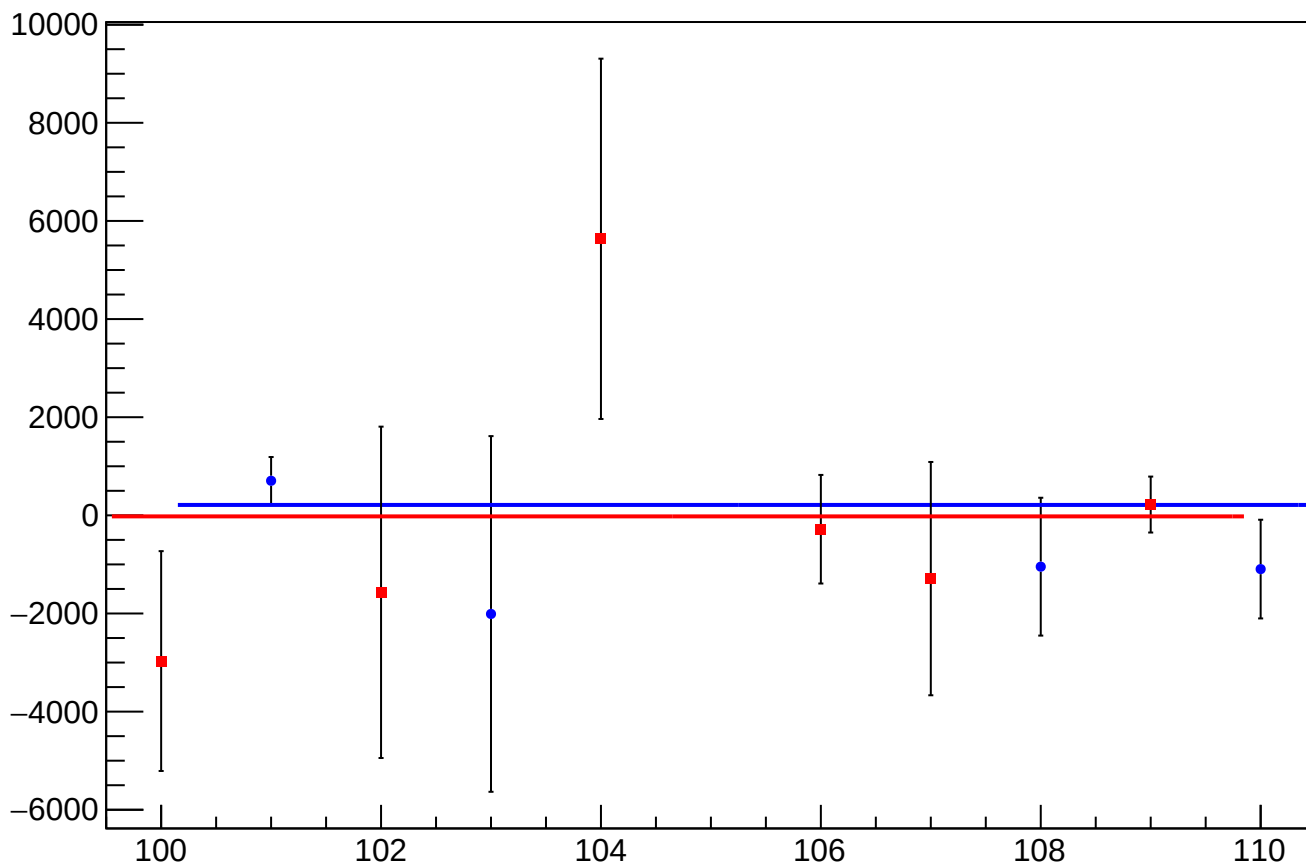
Right: 2329.040+/-0.838 χ^2/NDF : 640909.2/9

In: 2345.308+/-1.242 χ^2/NDF : 489768.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2329.040+/-0.838 χ^2/NDF : 640909.2/9

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 212.215+/-413.948 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.112+/-474.995 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

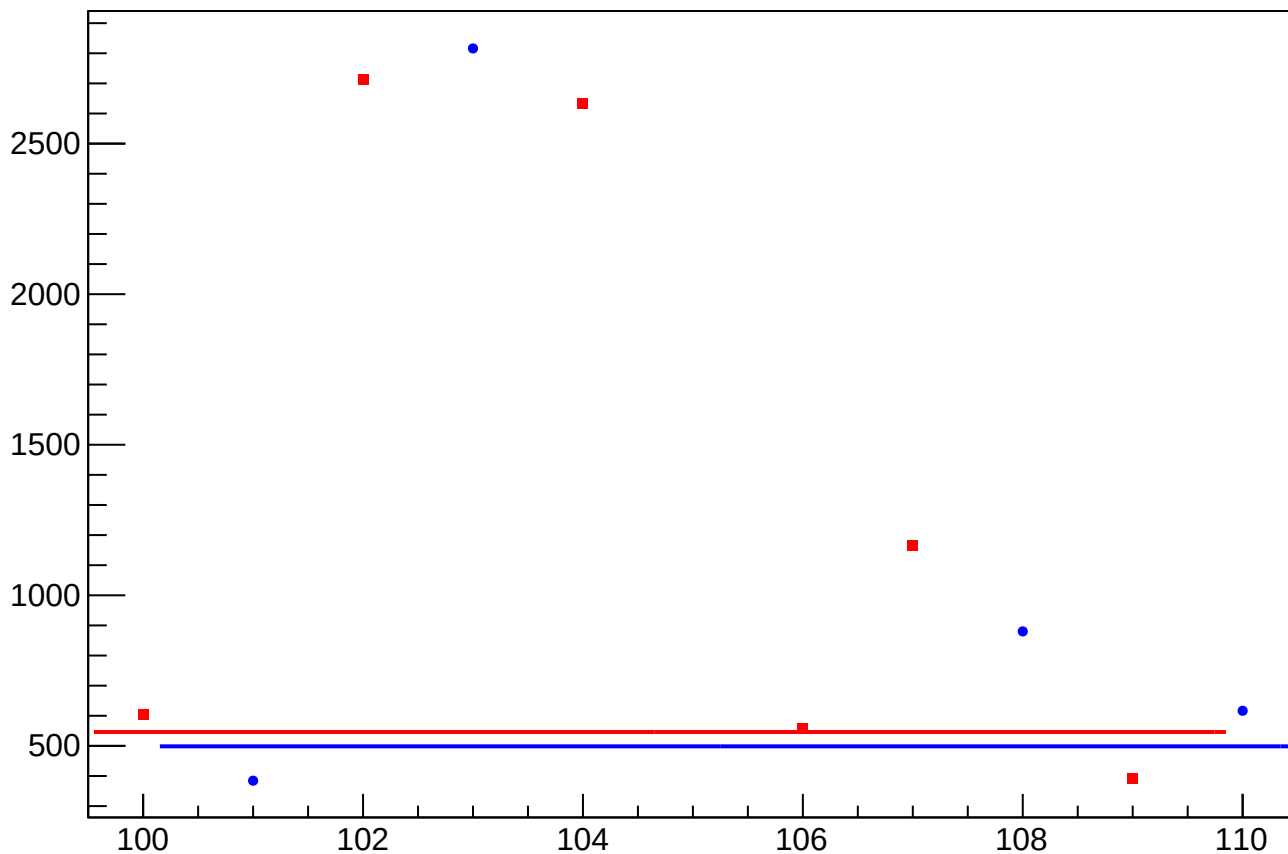
Right: 111.499+/-312.071 χ^2/NDF : 8.9/9

In: 212.215+/-413.948 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.499+/-312.071 χ^2/NDF : 8.9/9

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 498.501+/-0.293 χ^2/NDF : 1104138.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.100+/-0.336 χ^2/NDF : 1755084.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

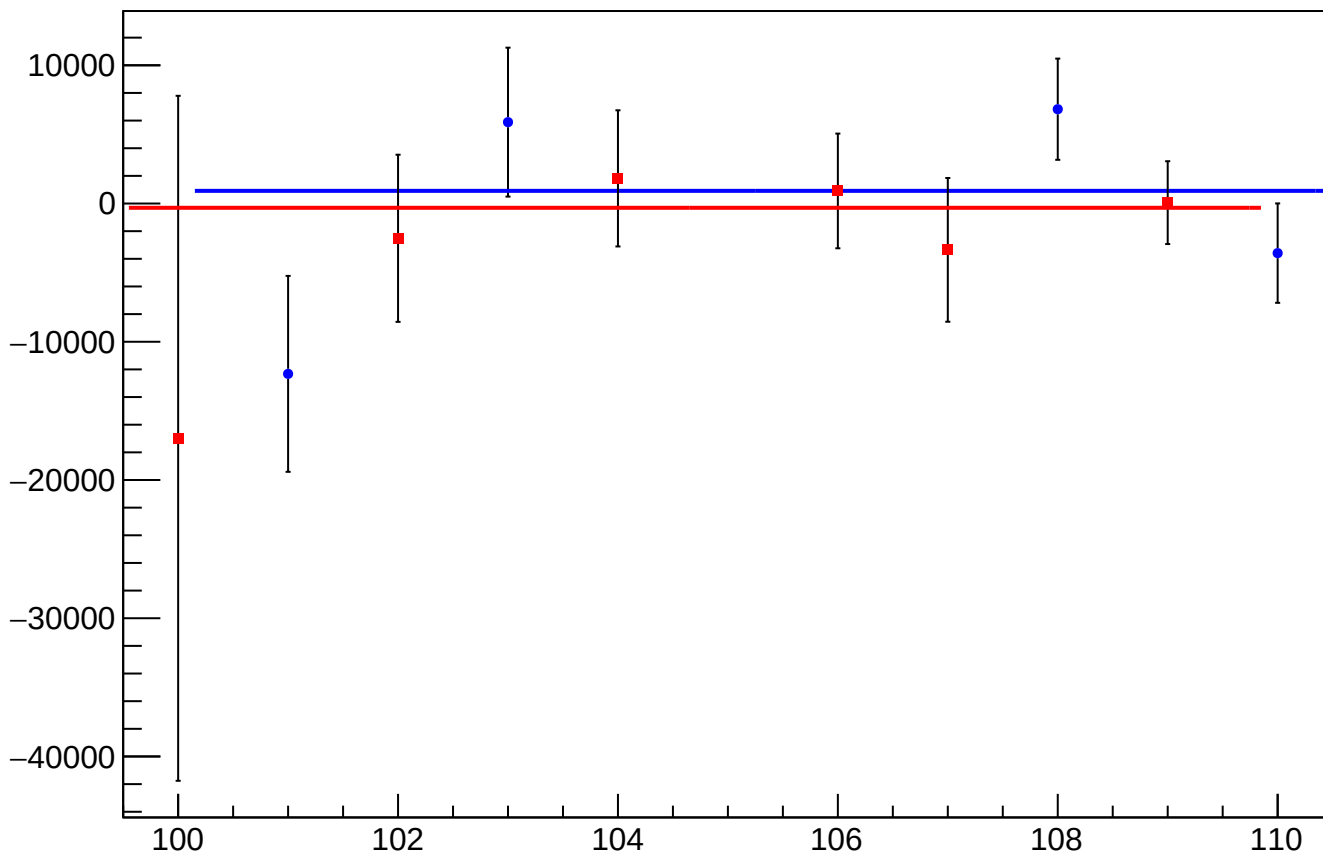
Right: 519.047+/-0.221 χ^2/NDF : 2870637.4/9

In: 498.501+/-0.293 χ^2/NDF : 1104138.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.047+/-0.221 χ^2/NDF : 2870637.4/9

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 916.499+/-2201.574 χ^2/NDF : 8.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -308.242+/-1900.874 χ^2/NDF : 1.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

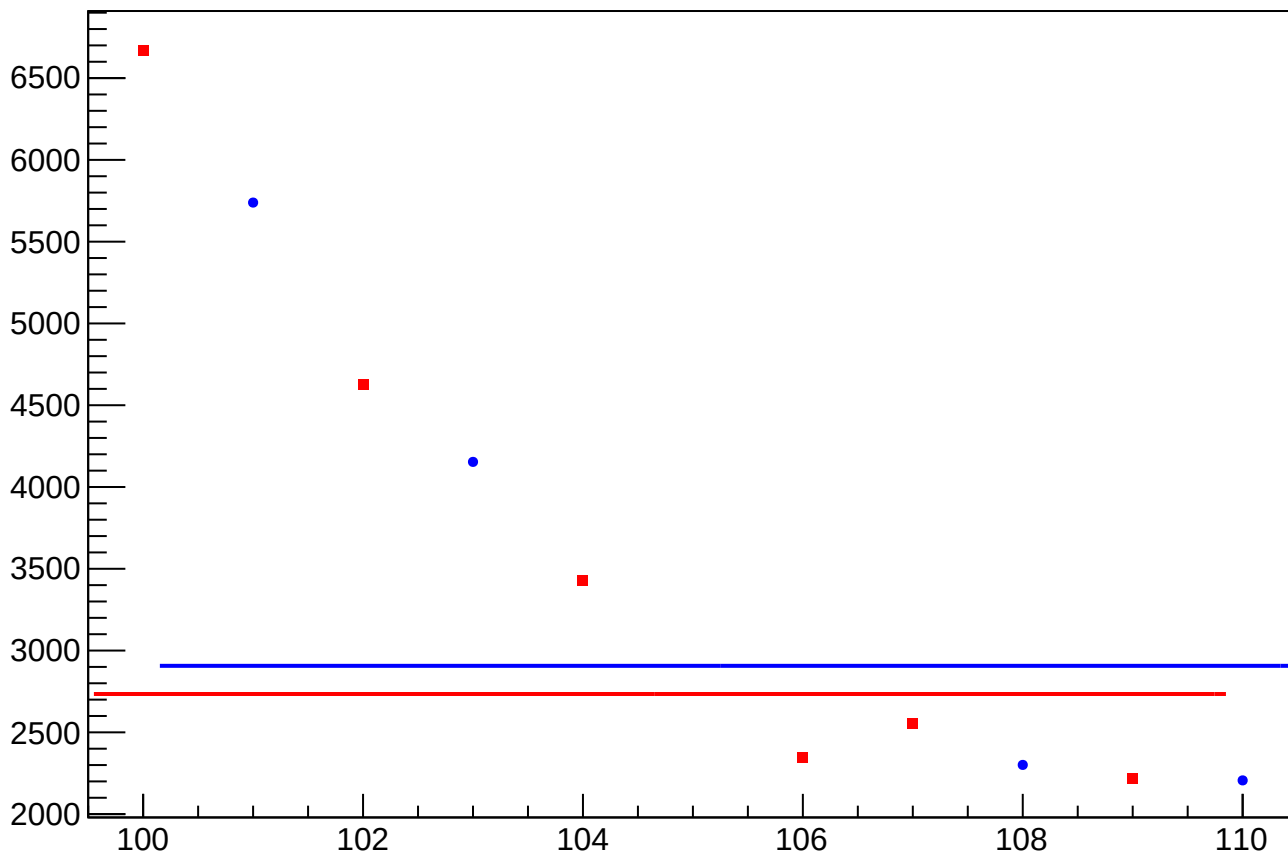
Right: 214.837+/-1438.782 χ^2/NDF : 9.9/9

In: 916.499+/-2201.574 χ^2/NDF : 8.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.837+/-1438.782 χ^2/NDF : 9.9/9

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2906.645+/-1.557 χ^2/NDF : 557214.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2734.422+/-1.344 χ^2/NDF : 365877.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

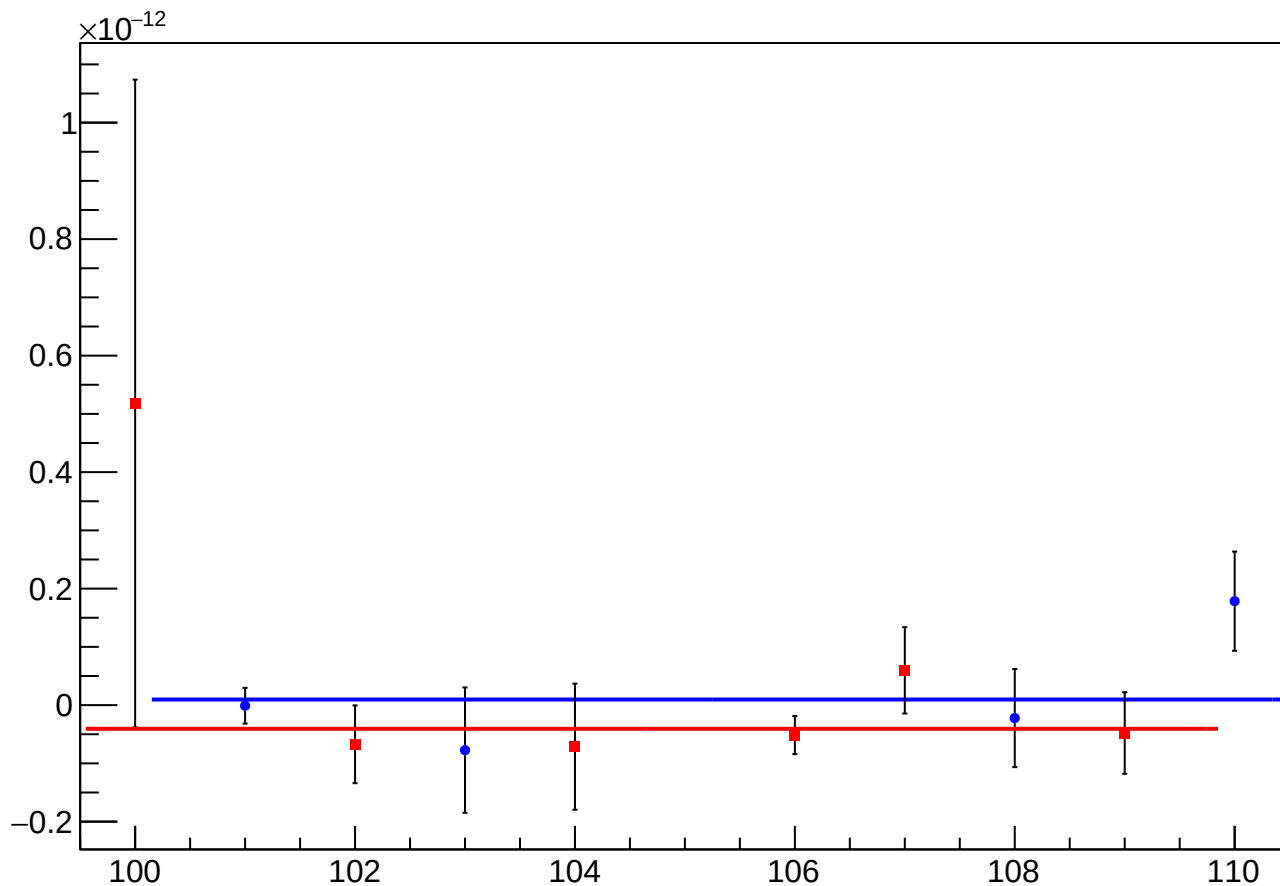
Right: 2807.976+/-1.017 χ^2/NDF : 930103.3/9

In: 2906.645+/-1.557 χ^2/NDF : 557214.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2807.976+/-1.017 χ^2/NDF : 930103.3/9

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

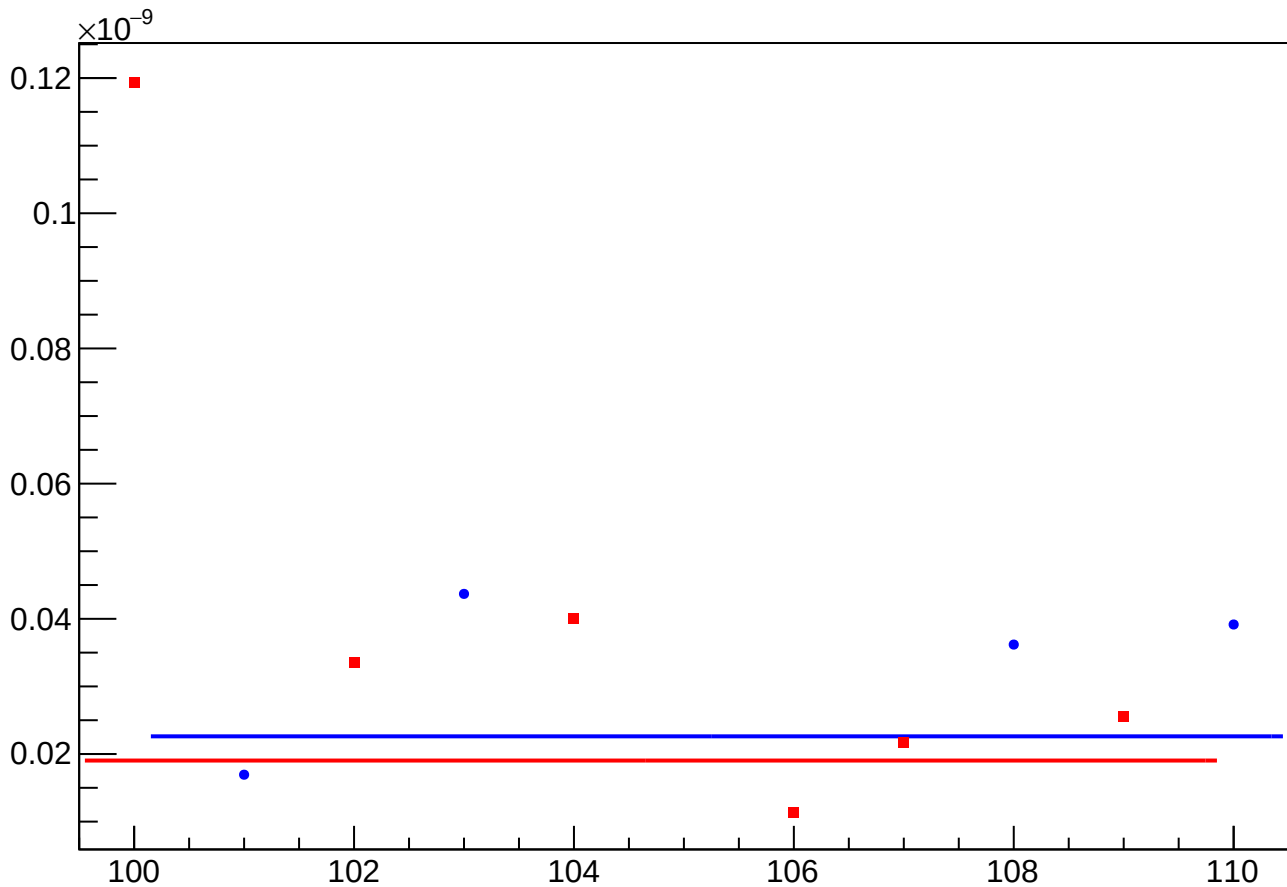
Right: -0.000+/-0.000 χ^2/NDF : 10.0/9

In: 0.000+/-0.000 χ^2/NDF : 4.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.0/9

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 272539.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 365321.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

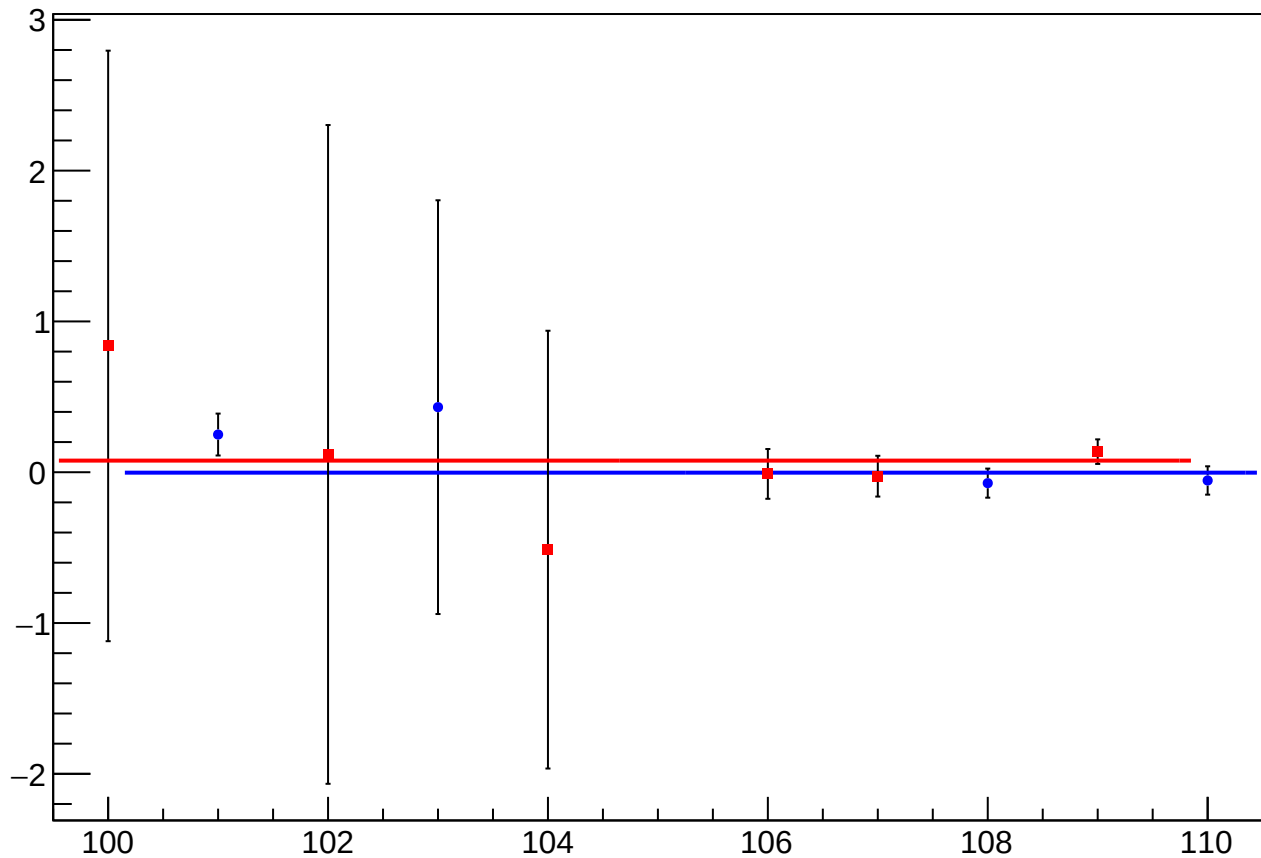
Right: 0.000+/-0.000 χ^2/NDF : 657368.9/9

In: 0.000+/-0.000 χ^2/NDF : 272539.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 657368.9/9

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.061 χ^2/NDF : 4.2/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.077 ± 0.064 χ^2/NDF : 1.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

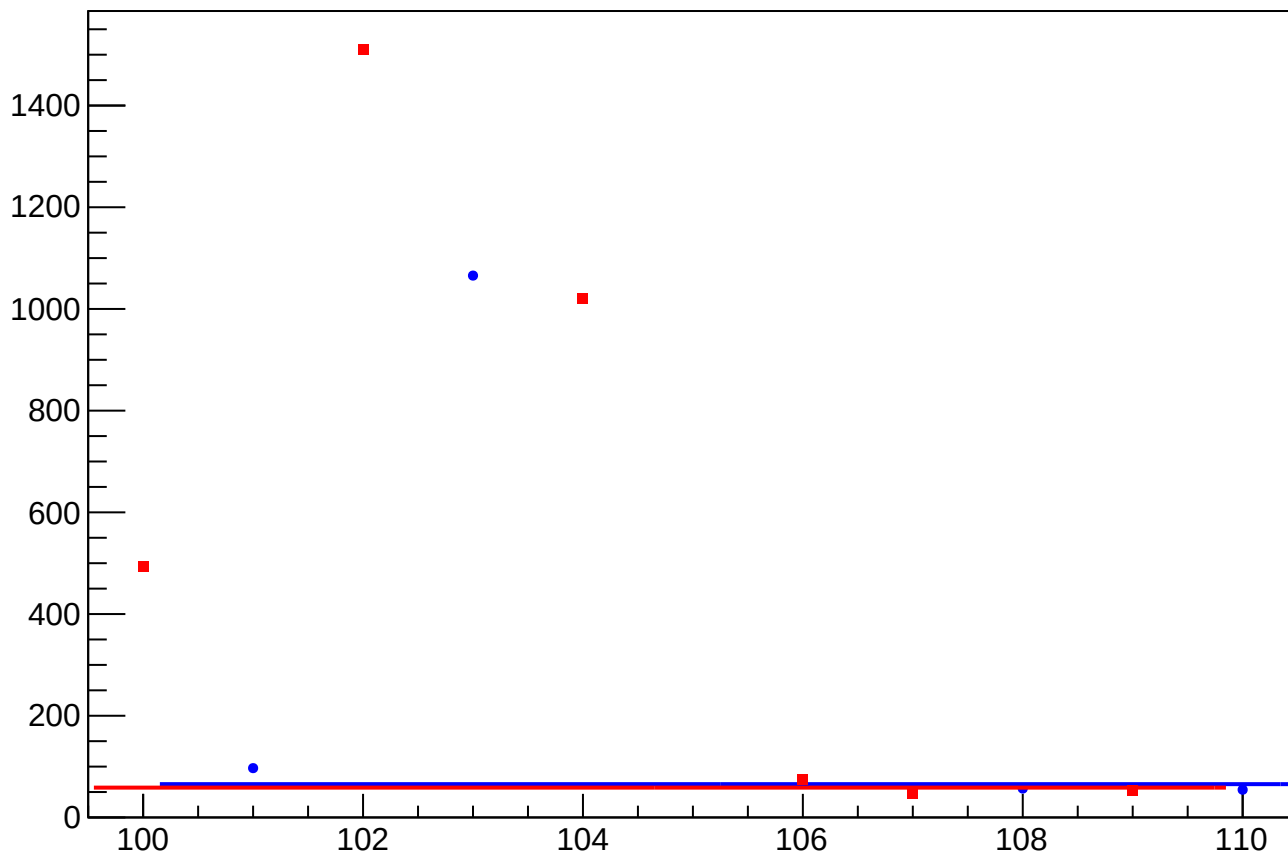
Right: 0.035 ± 0.044 χ^2/NDF : 6.8/9

In: -0.003 ± 0.061 χ^2/NDF : 4.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.035 ± 0.044 χ^2/NDF : 6.8/9

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.499+/-0.043 χ^2/NDF : 1208713.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.673+/-0.045 χ^2/NDF : 1904339.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

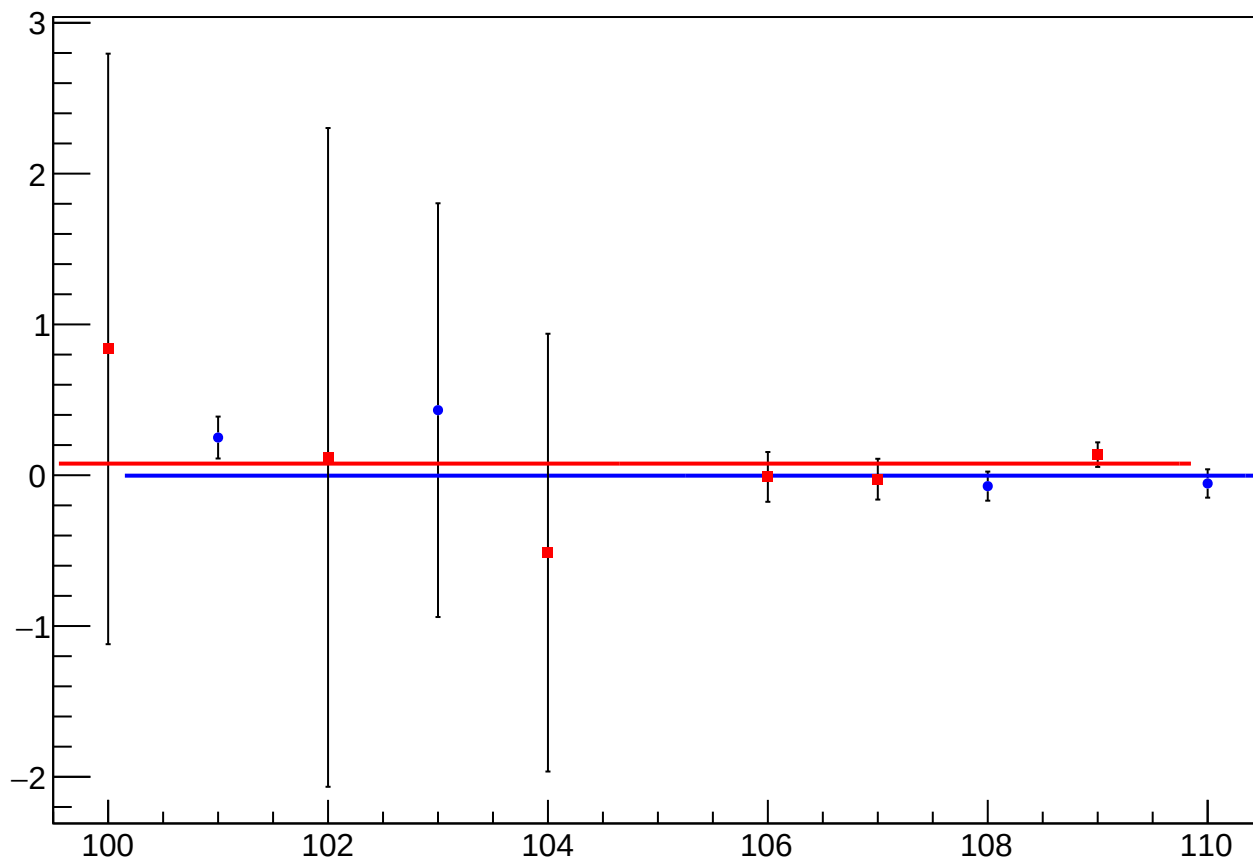
Right: 62.284+/-0.031 χ^2/NDF : 3125033.2/9

In: 65.499+/-0.043 χ^2/NDF : 1208713.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.284+/-0.031 χ^2/NDF : 3125033.2/9

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.061 χ^2 /NDF: 4.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.077 $\pm$ 0.064 χ^2 /NDF: 1.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

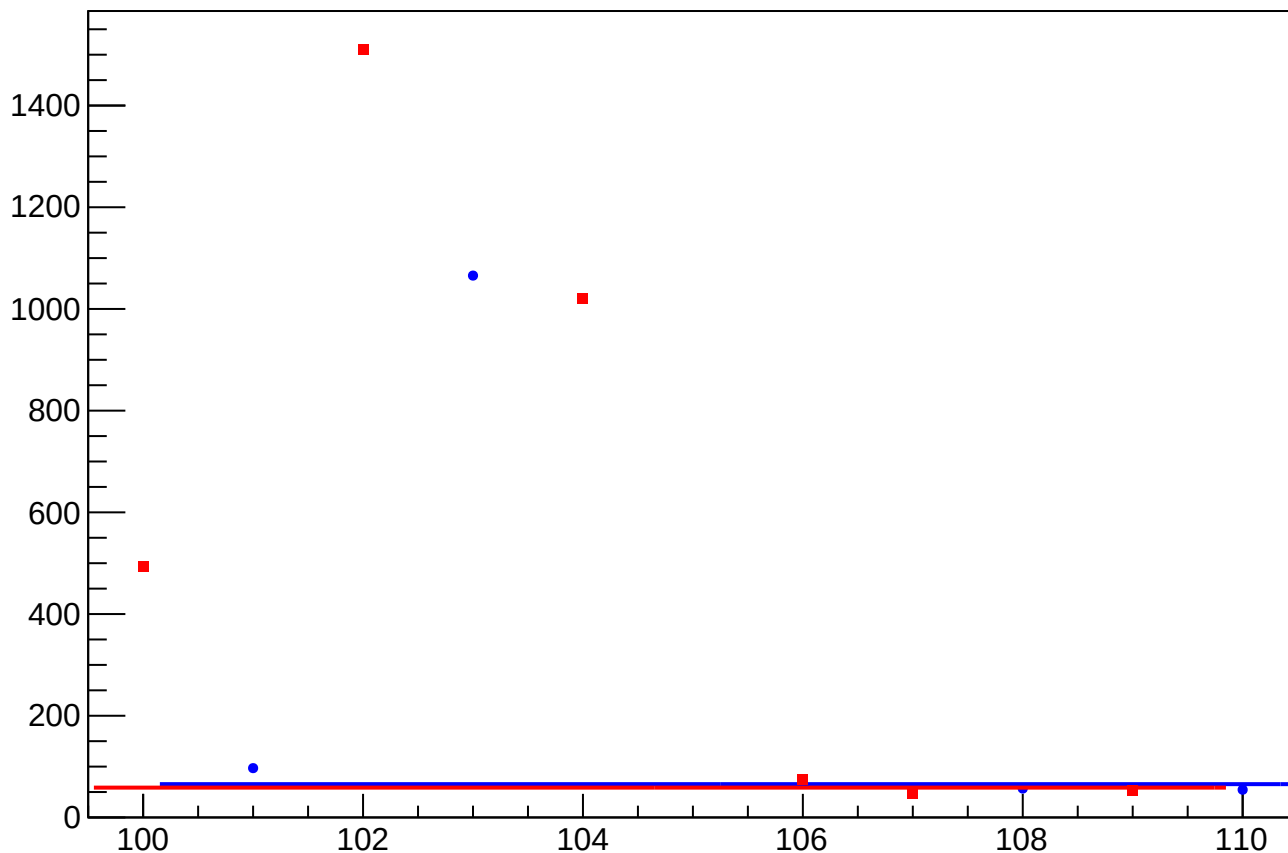
Right: 0.035 $\pm$ 0.044 χ^2 /NDF: 6.8/9

In: -0.003 $\pm$ 0.061 χ^2 /NDF:4.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.035 $\pm$ 0.044 χ^2 /NDF: 6.8/9

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.499+/-0.043 χ^2/NDF : 1208713.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.673+/-0.045 χ^2/NDF : 1904339.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

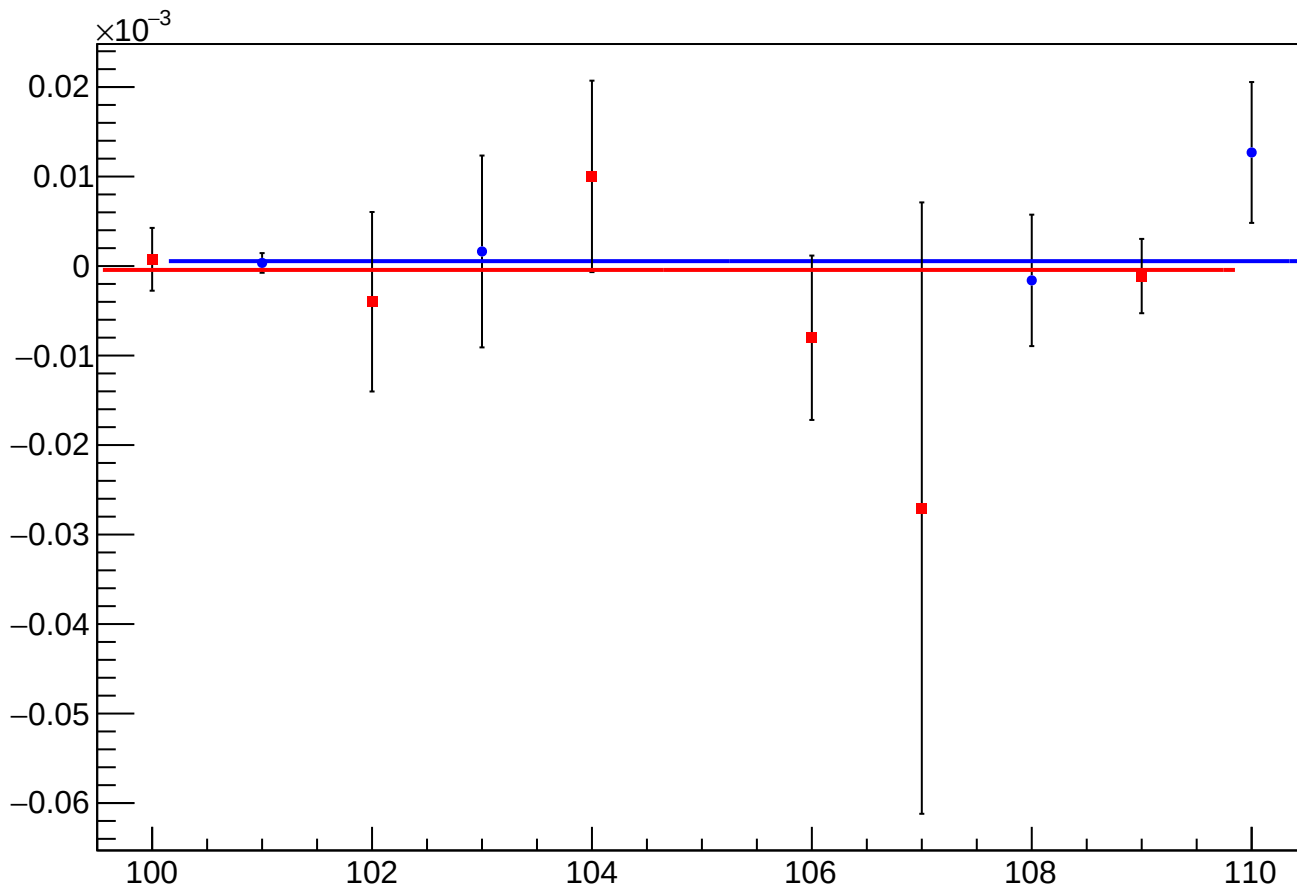
Right: 62.284+/-0.031 χ^2/NDF : 3125033.2/9

In: 65.499+/-0.043 χ^2/NDF : 1208713.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.284+/-0.031 χ^2/NDF : 3125033.2/9

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

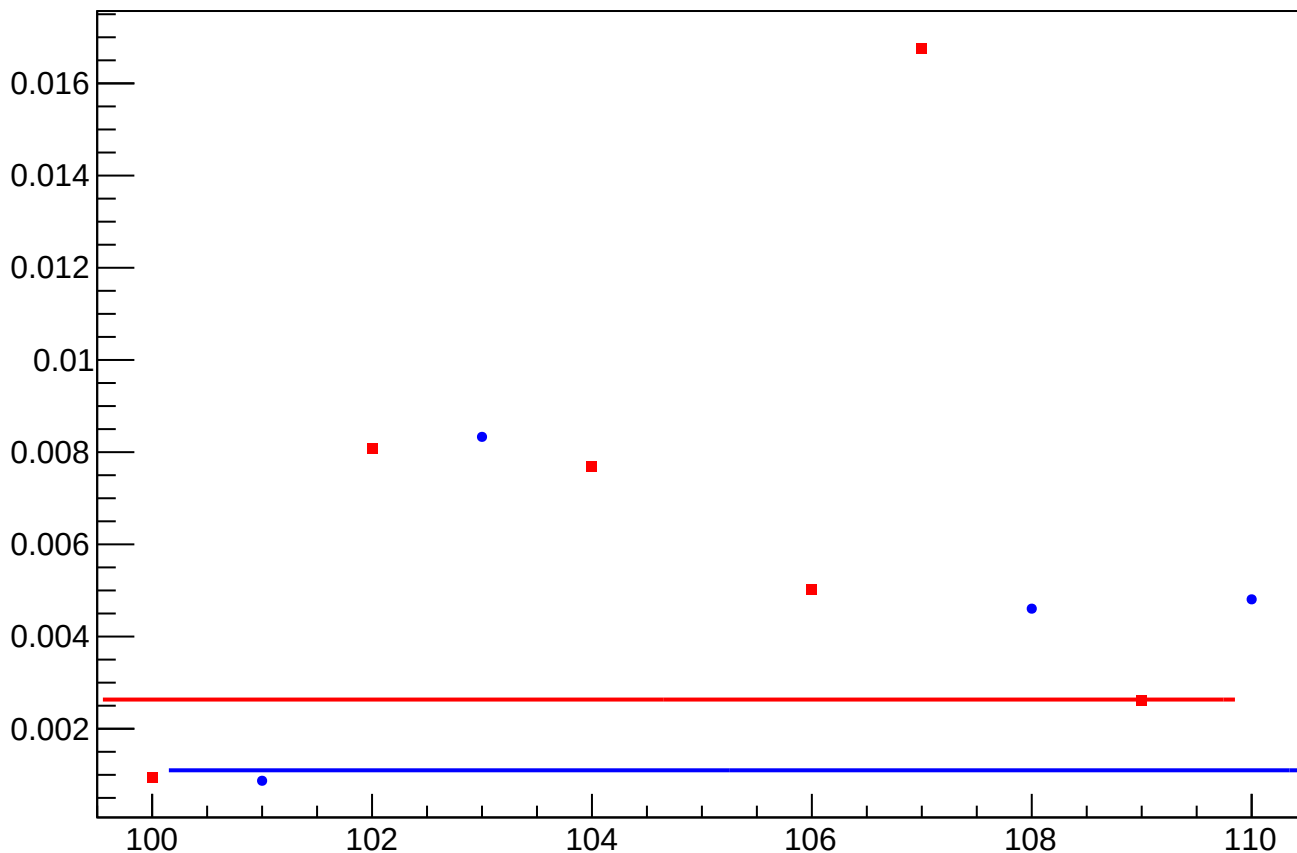
Right: 0.000+/-0.000 χ^2/NDF : 5.2/9

In: 0.000+/-0.000 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.2/9

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1896572.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1975421.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

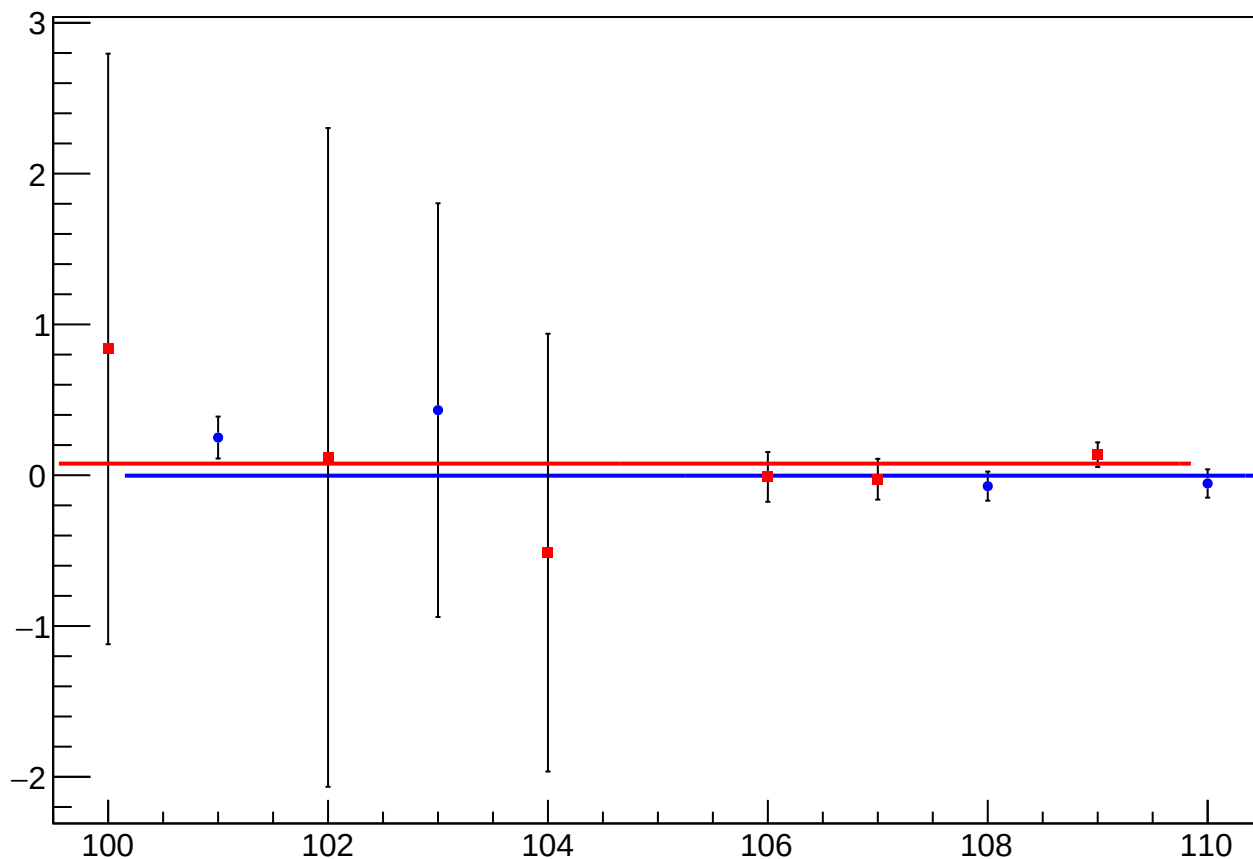
Right: 0.001+/-0.000 χ^2/NDF : 4544172.4/9

In: 0.001+/-0.000 χ^2/NDF : 1896572.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4544172.4/9

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.061 χ^2 /NDF: 4.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.077 $\pm$ 0.064 χ^2 /NDF: 1.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

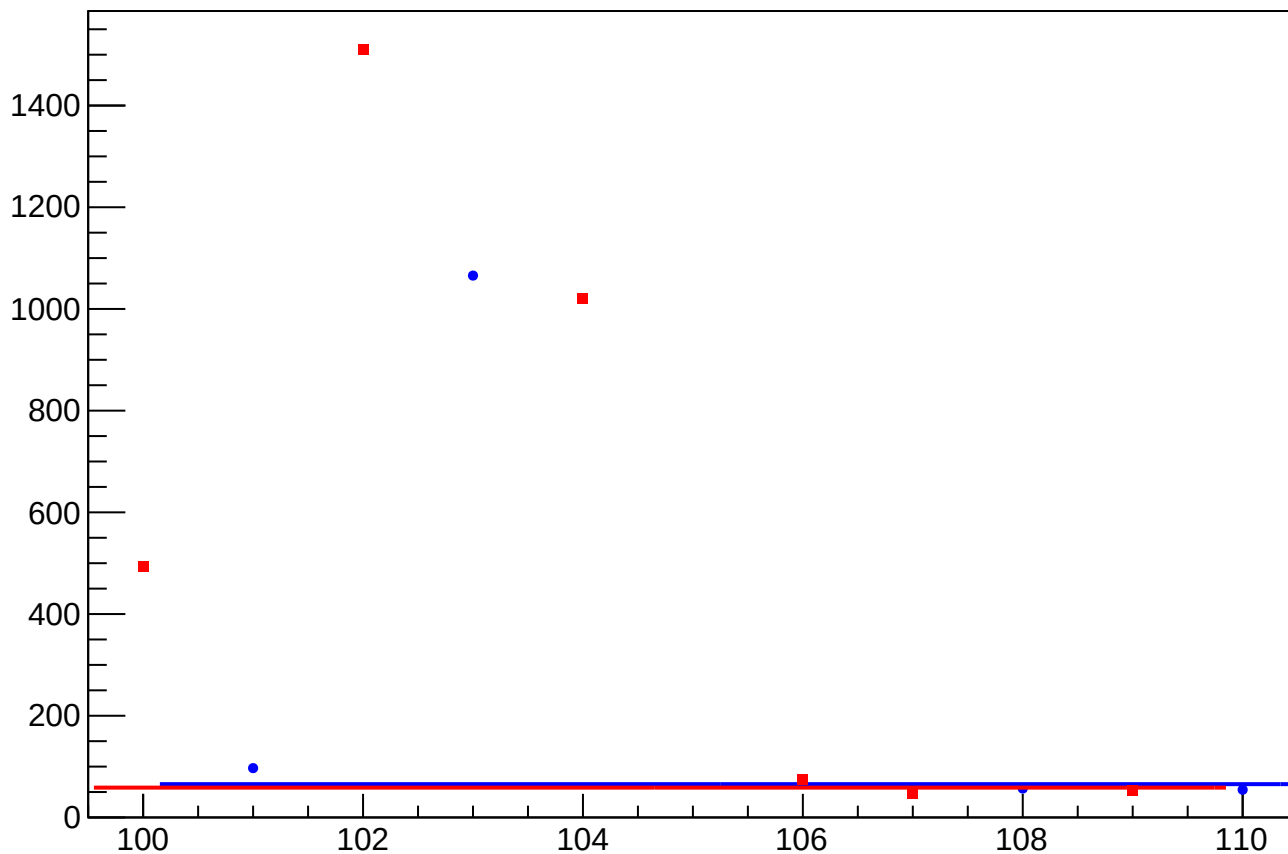
Right: 0.035 $\pm$ 0.044 χ^2 /NDF: 6.8/9

In: -0.003 $\pm$ 0.061 χ^2 /NDF:4.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.035 $\pm$ 0.044 χ^2 /NDF: 6.8/9

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.499+/-0.043 χ^2/NDF : 1208710.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.674+/-0.045 χ^2/NDF : 1904319.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

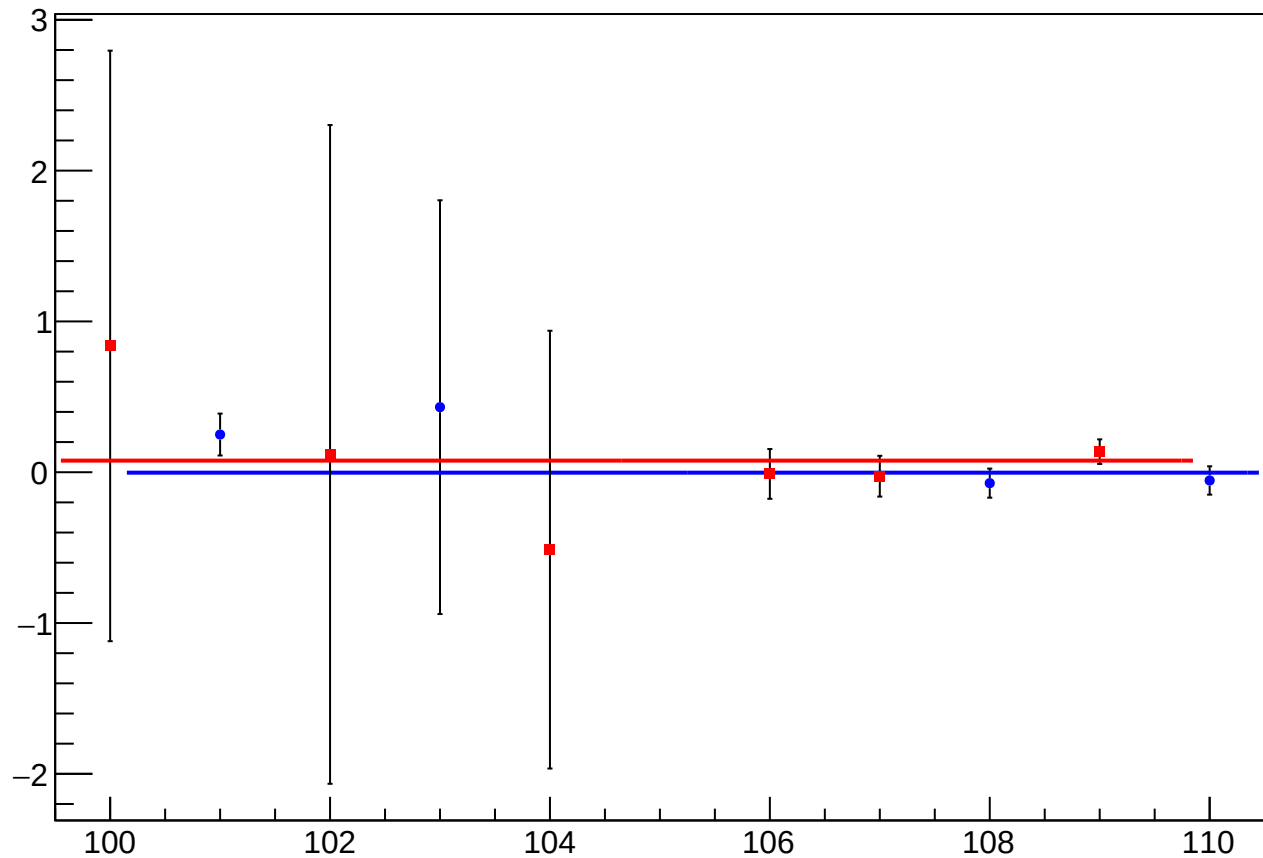
Right: 62.285+/-0.031 χ^2/NDF : 3125007.7/9

In: 65.499+/-0.043 χ^2/NDF : 1208710.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.285+/-0.031 χ^2/NDF : 3125007.7/9

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.061 χ^2 /NDF: 4.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.077 $\pm$ 0.064 χ^2 /NDF: 1.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

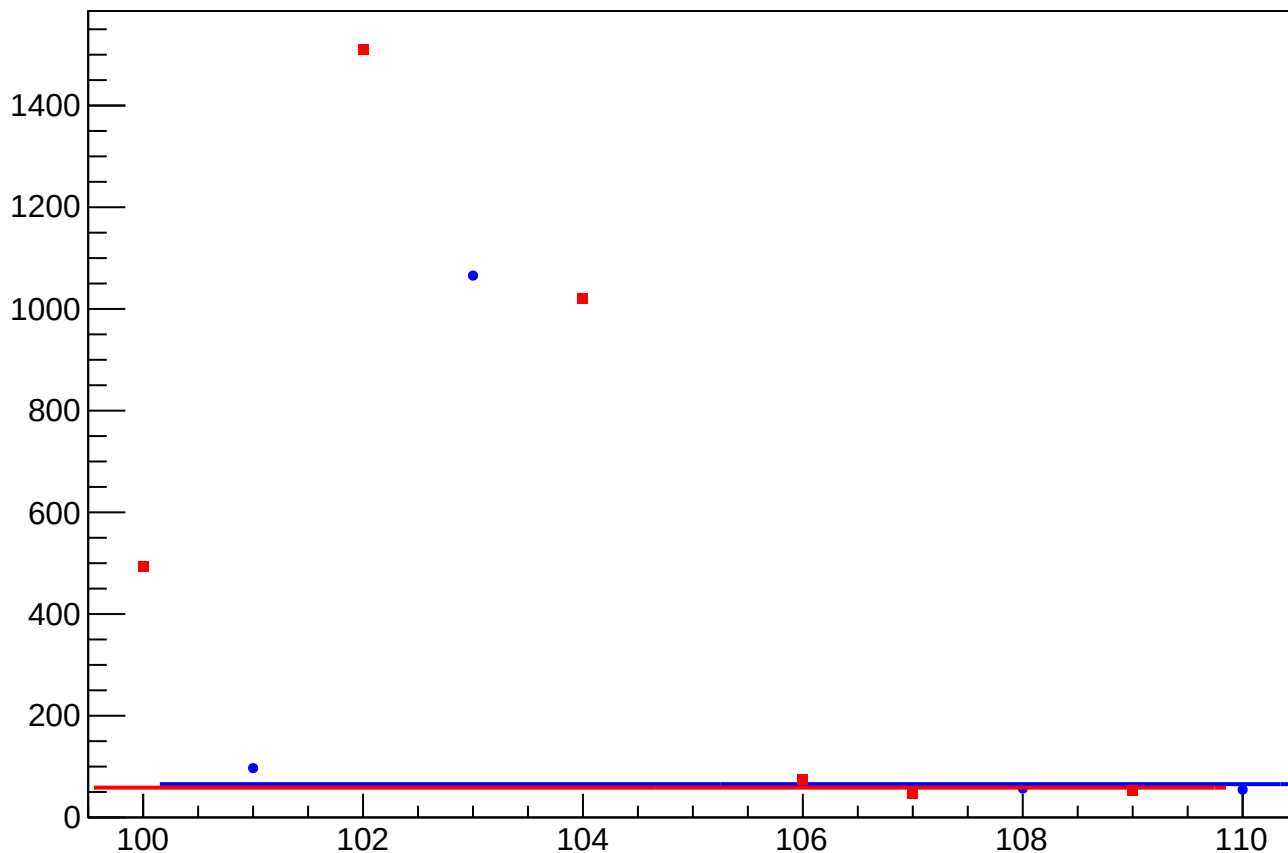
Right: 0.035 $\pm$ 0.044 χ^2 /NDF: 6.8/9

In: -0.003 $\pm$ 0.061 χ^2 /NDF:4.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.035 $\pm$ 0.044 χ^2 /NDF: 6.8/9

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.499+/-0.043 χ^2/NDF : 1208710.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.674+/-0.045 χ^2/NDF : 1904319.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

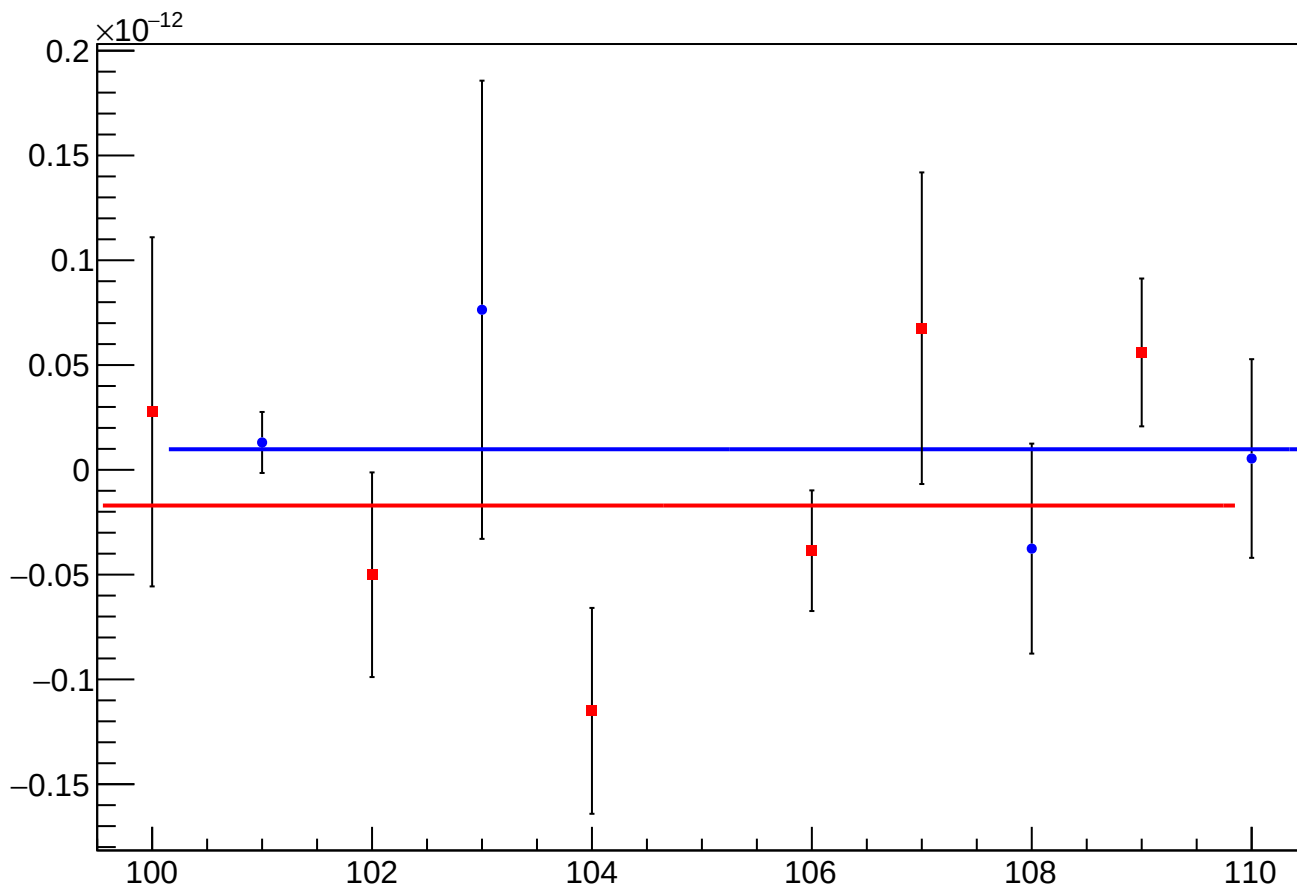
Right: 62.285+/-0.031 χ^2/NDF : 3125007.7/9

In: 65.499+/-0.043 χ^2/NDF : 1208710.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.285+/-0.031 χ^2/NDF : 3125007.7/9

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

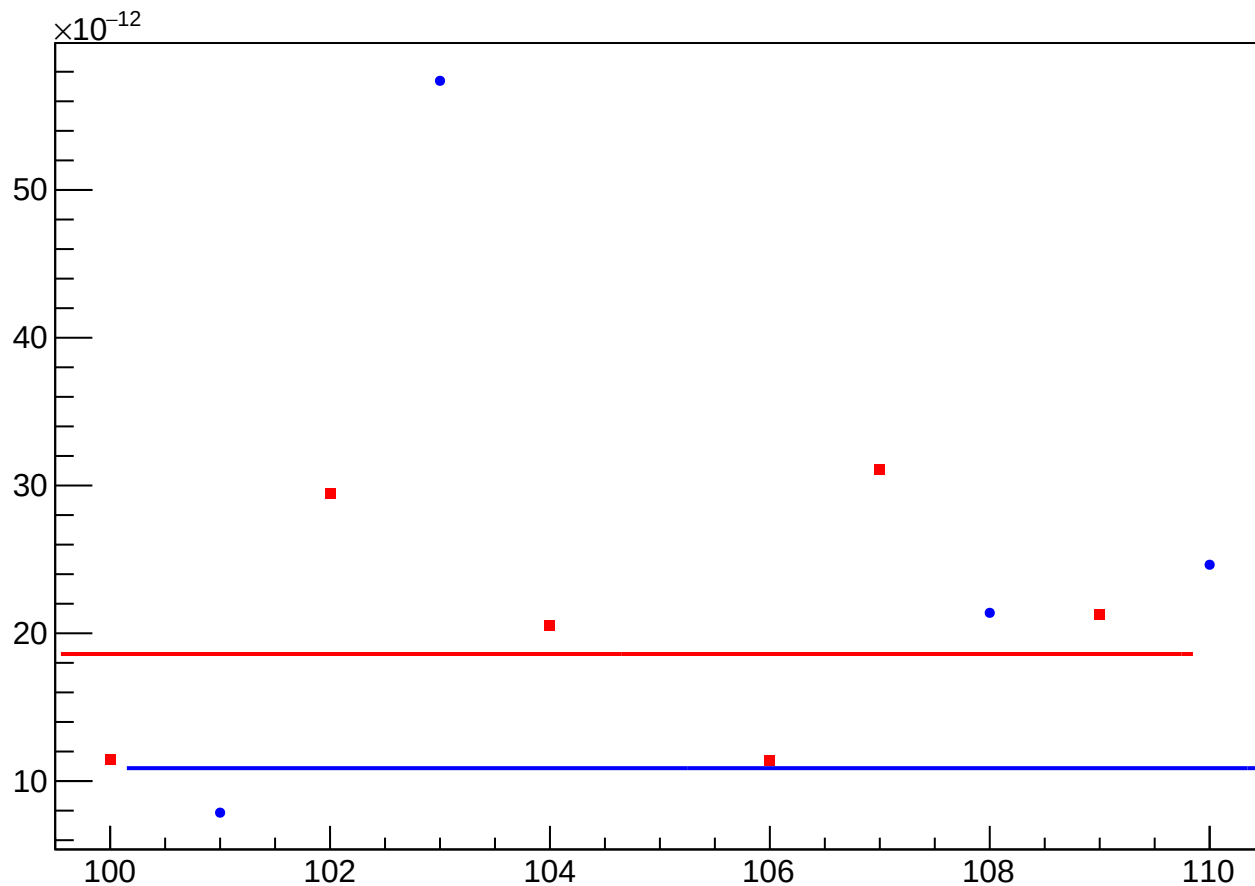
Right: 0.000+/-0.000 χ^2/NDF : 13.7/9

In: 0.000+/-0.000 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.7/9

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 704329.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 310373.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

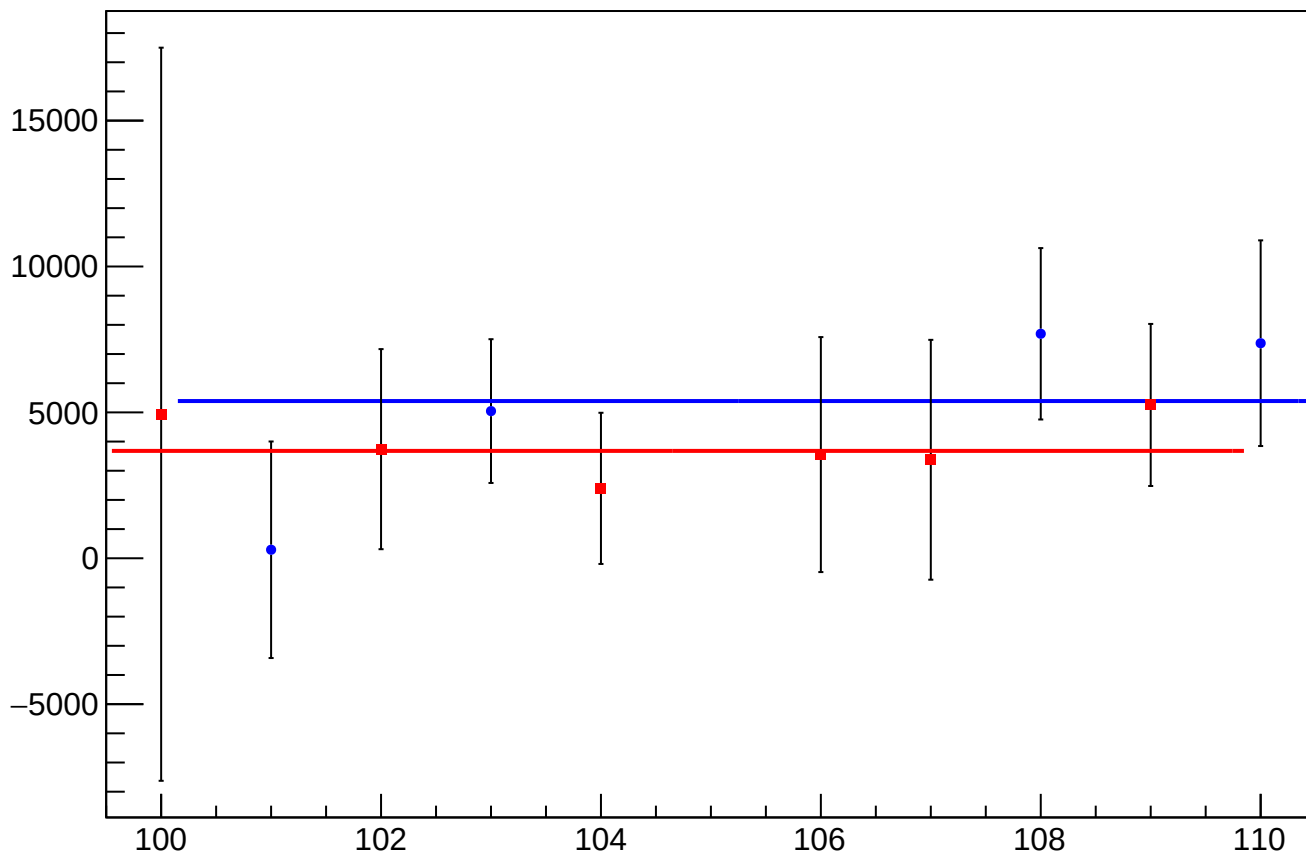
Right: 0.000+/-0.000 χ^2/NDF : 1256992.9/9

In: 0.000+/-0.000 χ^2/NDF : 704329.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1256992.9/9

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5388.742+/-1518.320 χ^2/NDF : 2.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3680.170+/-1427.289 χ^2/NDF : 0.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

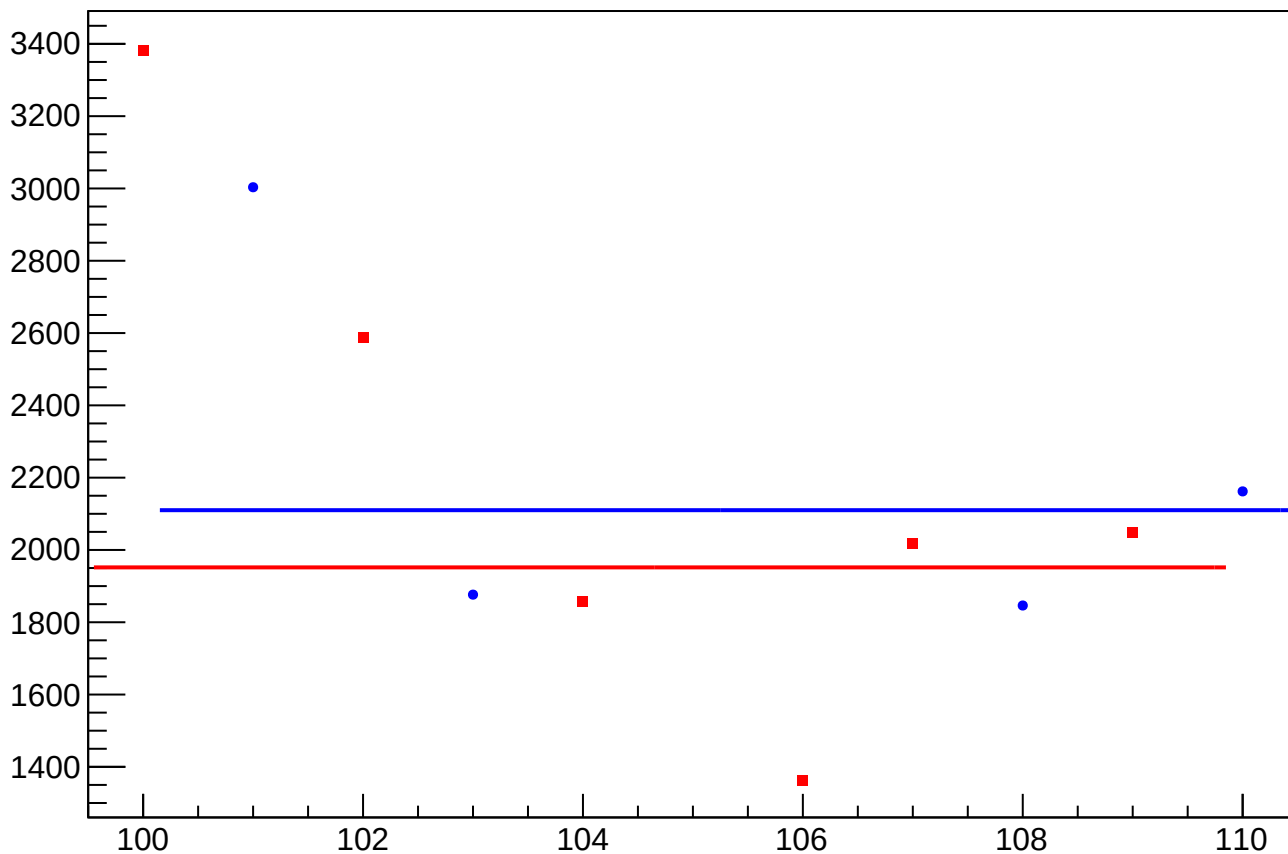
Right: 4481.705+/-1039.939 χ^2/NDF : 4.1/9

In: 5388.742+/-1518.320 χ^2/NDF : 2.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4481.705+/-1039.939 χ^2/NDF : 4.1/9

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2110.022+/-1.074 χ^2/NDF : 150455.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1951.766+/-0.962 χ^2/NDF : 177422.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

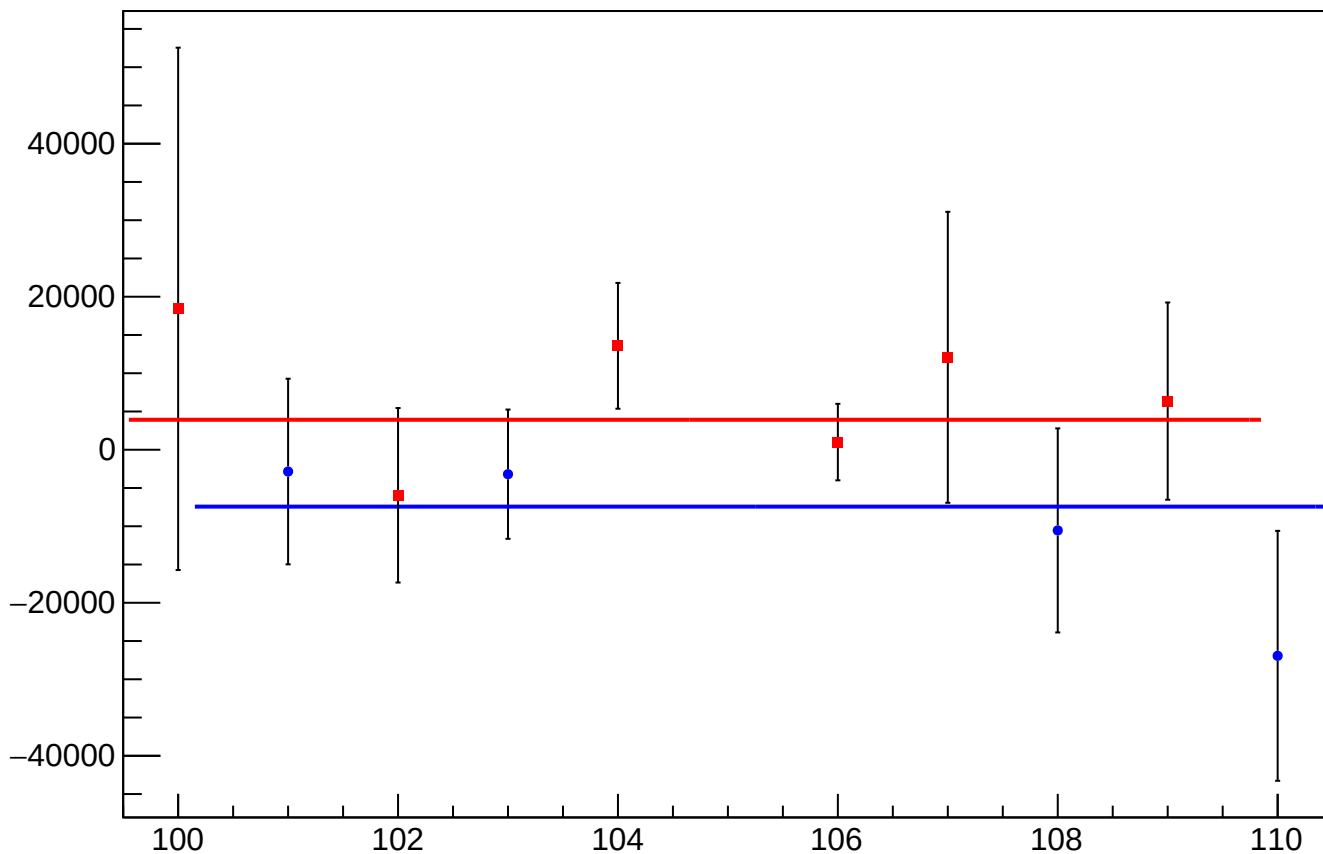
Right: 2022.219+/-0.716 χ^2/NDF : 339933.2/9

In: 2110.022+/-1.074 χ^2/NDF : 150455.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2022.219+/-0.716 χ^2/NDF : 339933.2/9

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -7433.426+/-5756.280 χ^2/NDF : 1.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3920.029+/-3723.584 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

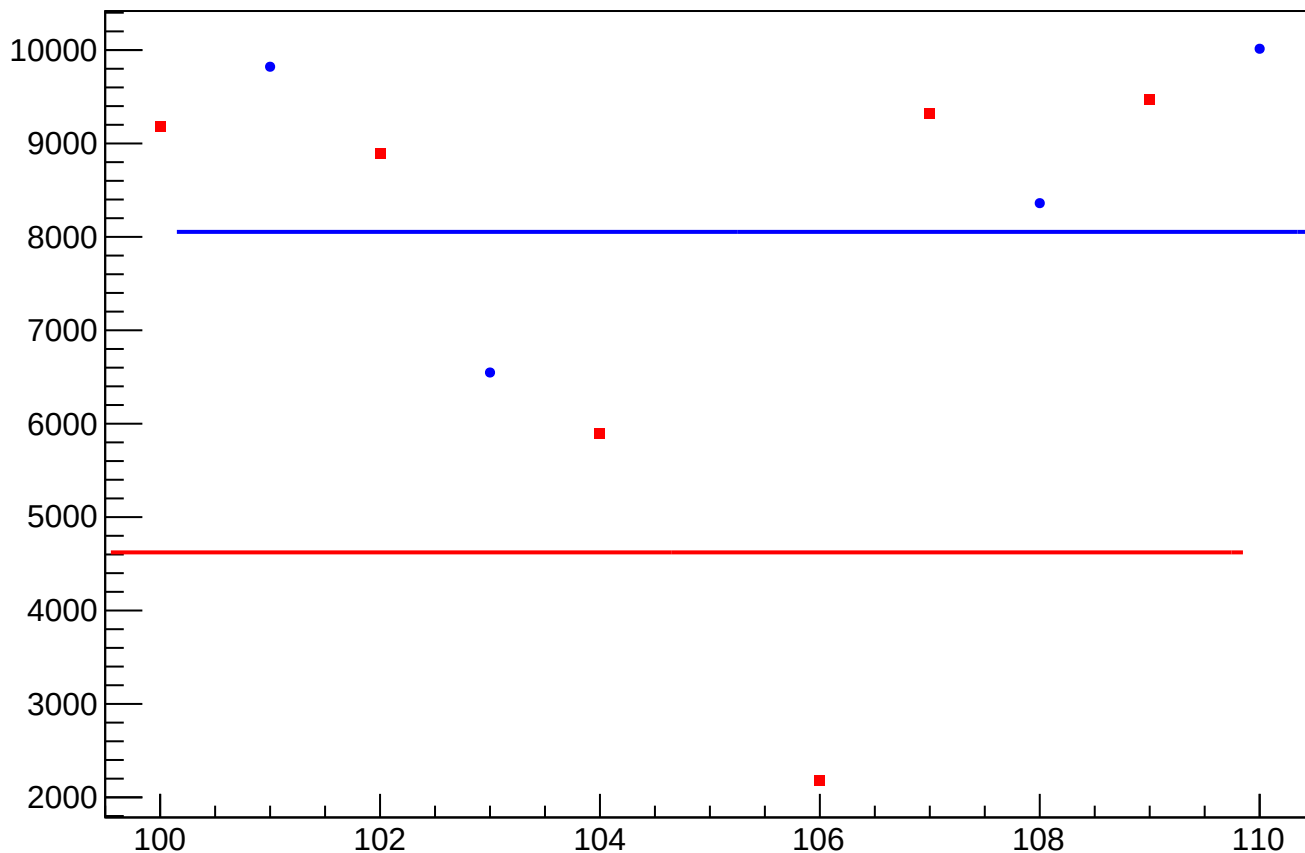
Right: 570.730+/-3126.474 χ^2/NDF : 7.5/9

In: -7433.426+/-5756.280 χ^2/NDF : 1.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.730+/-3126.474 χ^2/NDF : 7.5/9

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 8053.610+/-4.070 χ^2/NDF : 135893.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4622.356+/-2.633 χ^2/NDF : 1245073.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

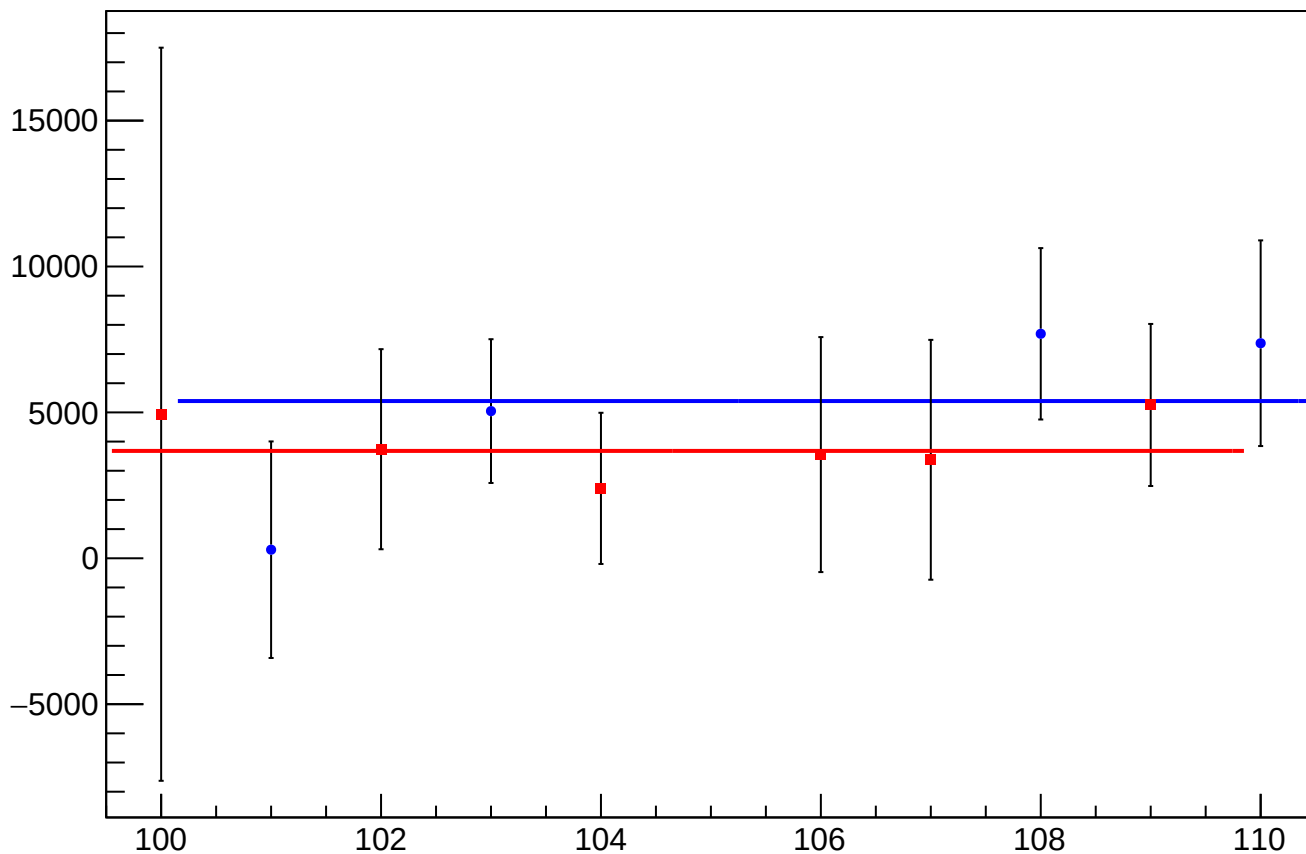
Right: 5634.585+/-2.211 χ^2/NDF : 1881968.8/9

In: 8053.610+/-4.070 χ^2/NDF : 135893.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5634.585+/-2.211 χ^2/NDF : 1881968.8/9

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5389.079+/-1518.320 χ^2/NDF : 2.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3679.877+/-1427.290 χ^2/NDF : 0.6/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

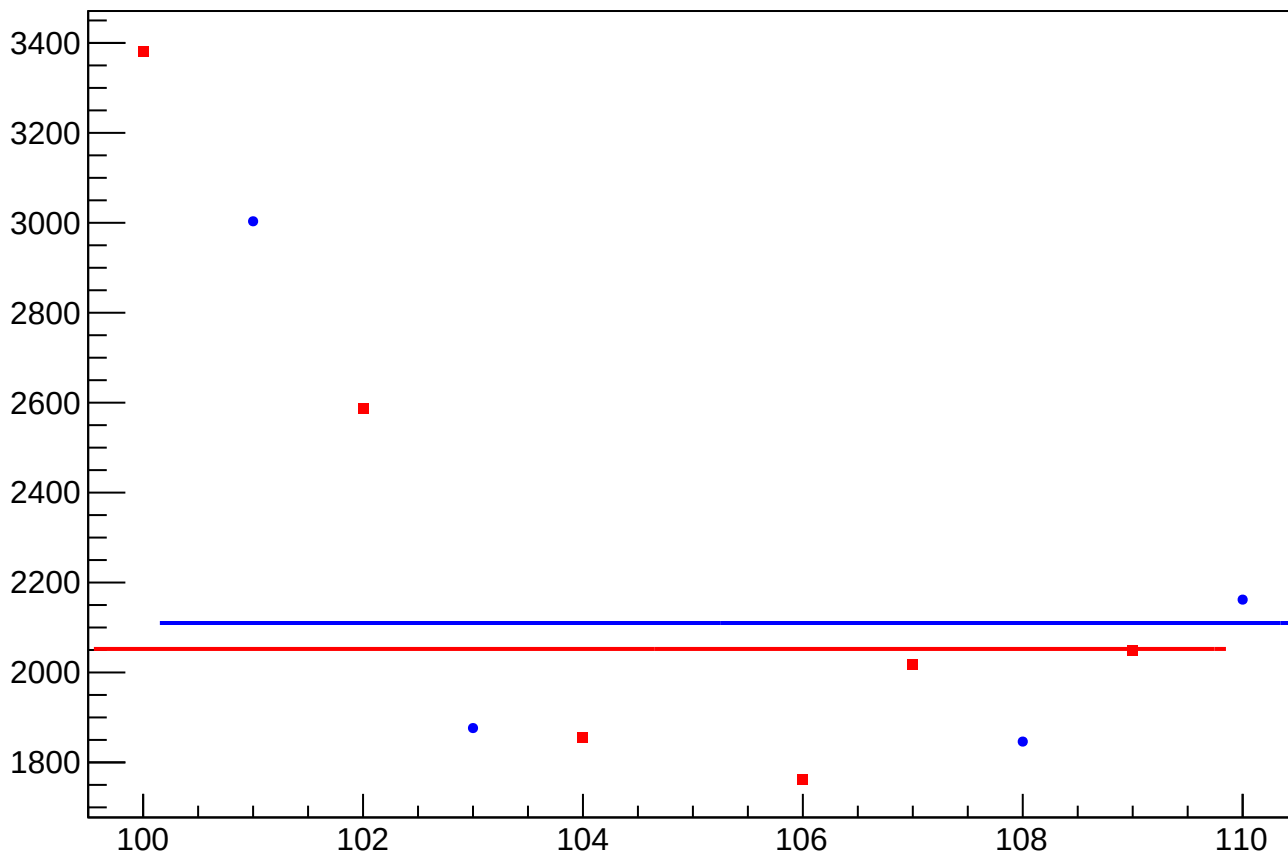
Right: 4481.708+/-1039.939 χ^2/NDF : 4.1/9

In: 5389.079+/-1518.320 χ^2/NDF :2.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4481.708+/-1039.939 χ^2/NDF : 4.1/9

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2110.021+/-1.074 χ^2/NDF : 150455.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2052.317+/-0.994 χ^2/NDF : 95662.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

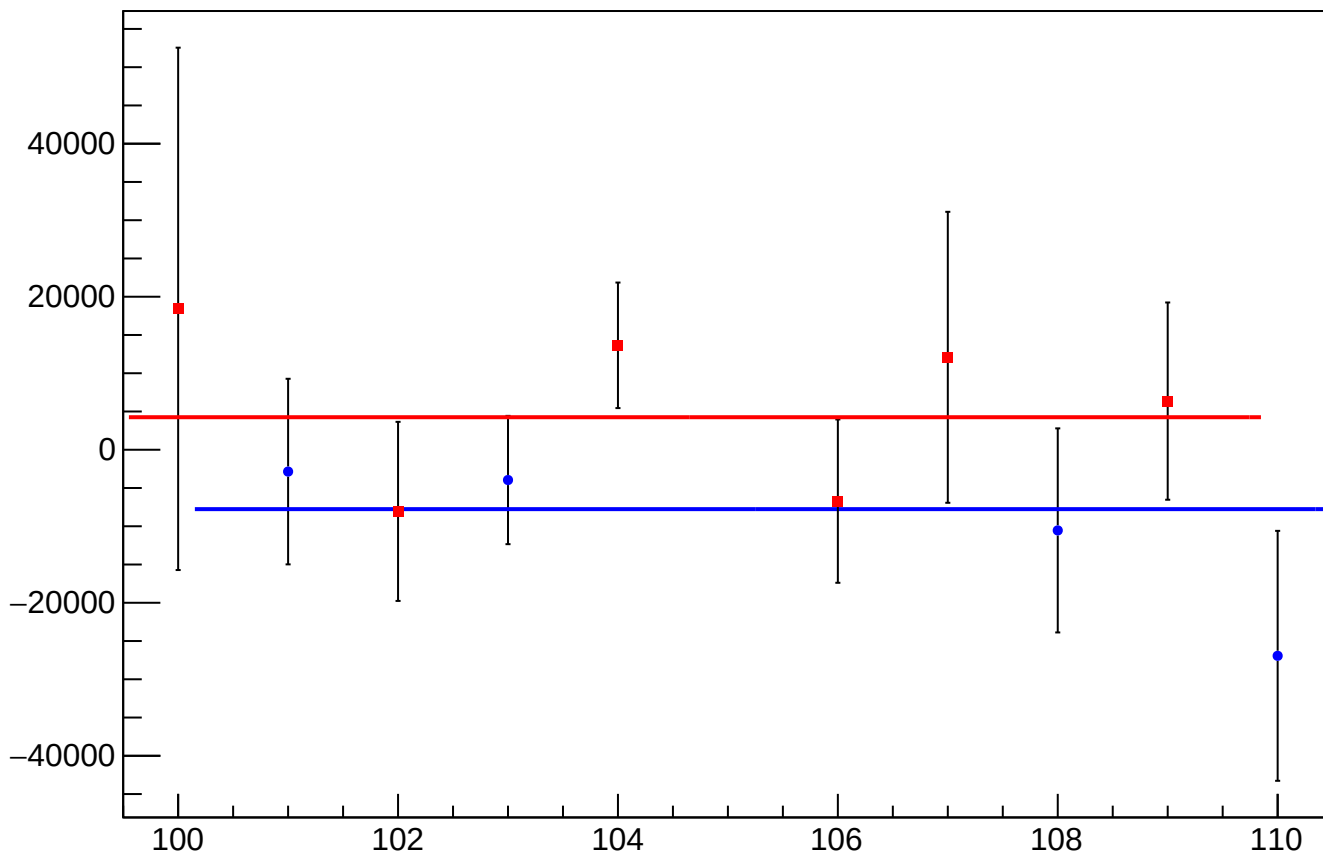
Right: 2078.948+/-0.729 χ^2/NDF : 247673.2/9

In: 2110.021+/-1.074 χ^2/NDF : 150455.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2078.948+/-0.729 χ^2/NDF : 247673.2/9

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -7761.568+/-5735.818 χ^2/NDF : 1.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4252.178+/-4964.074 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

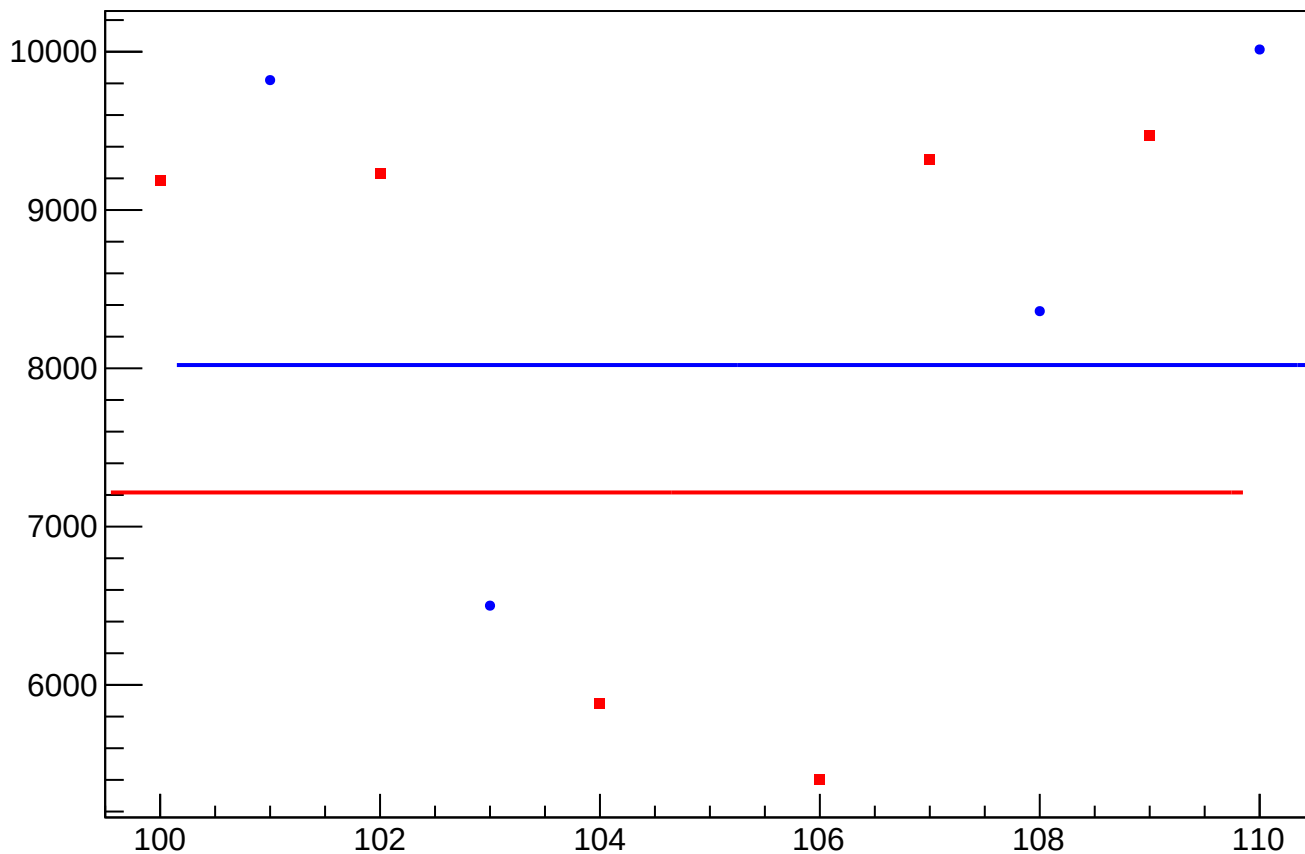
Right: -892.673+/-3753.553 χ^2/NDF : 8.1/9

In: -7761.568+/-5735.818 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -892.673+/-3753.553 χ^2/NDF : 8.1/9

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 8020.698+/-4.056 χ^2/NDF : 140885.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7215.739+/-3.510 χ^2/NDF : 262256.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

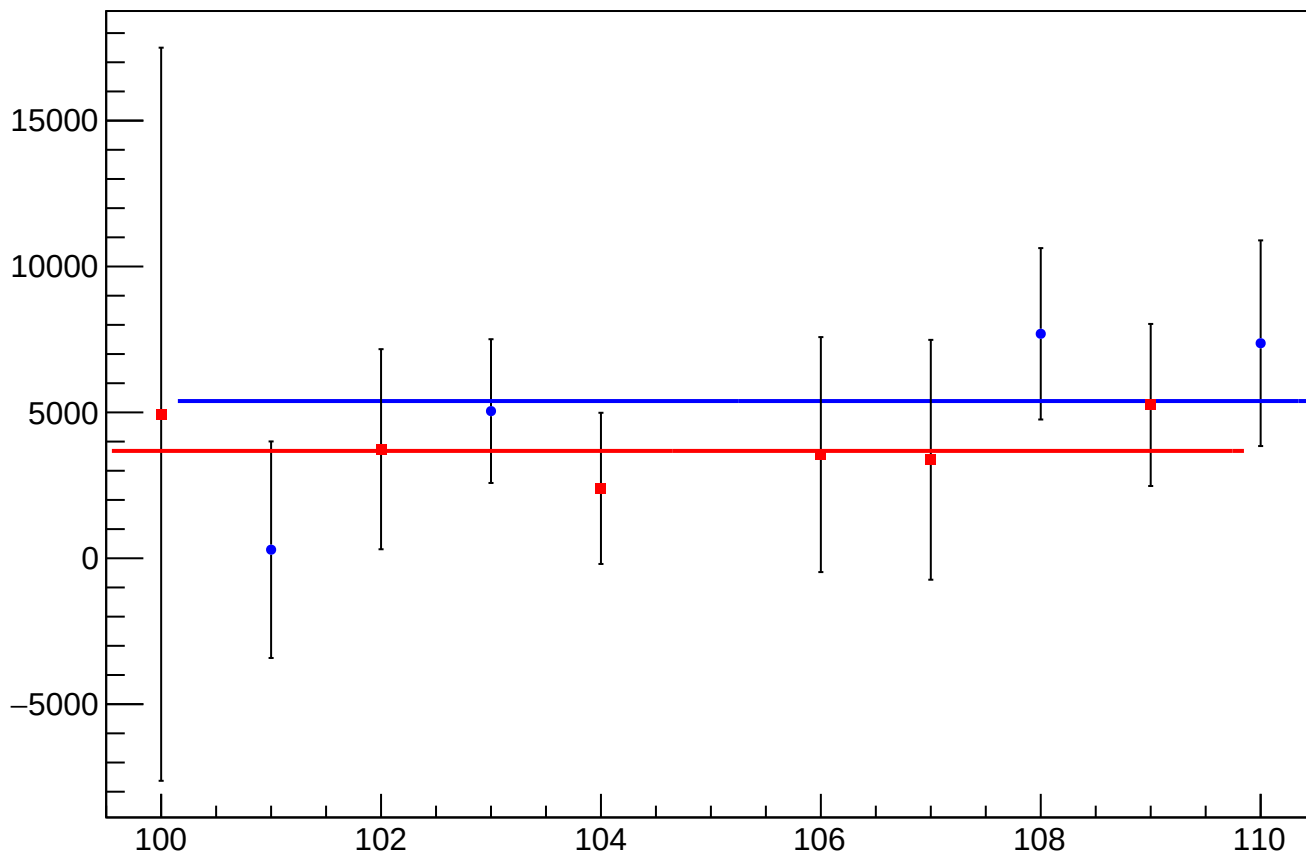
Right: 7560.460+/-2.654 χ^2/NDF : 425662.8/9

In: 8020.698+/-4.056 χ^2/NDF : 140885.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7560.460+/-2.654 χ^2/NDF : 425662.8/9

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5389.079+/-1518.320 χ^2/NDF : 2.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3679.877+/-1427.290 χ^2/NDF : 0.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

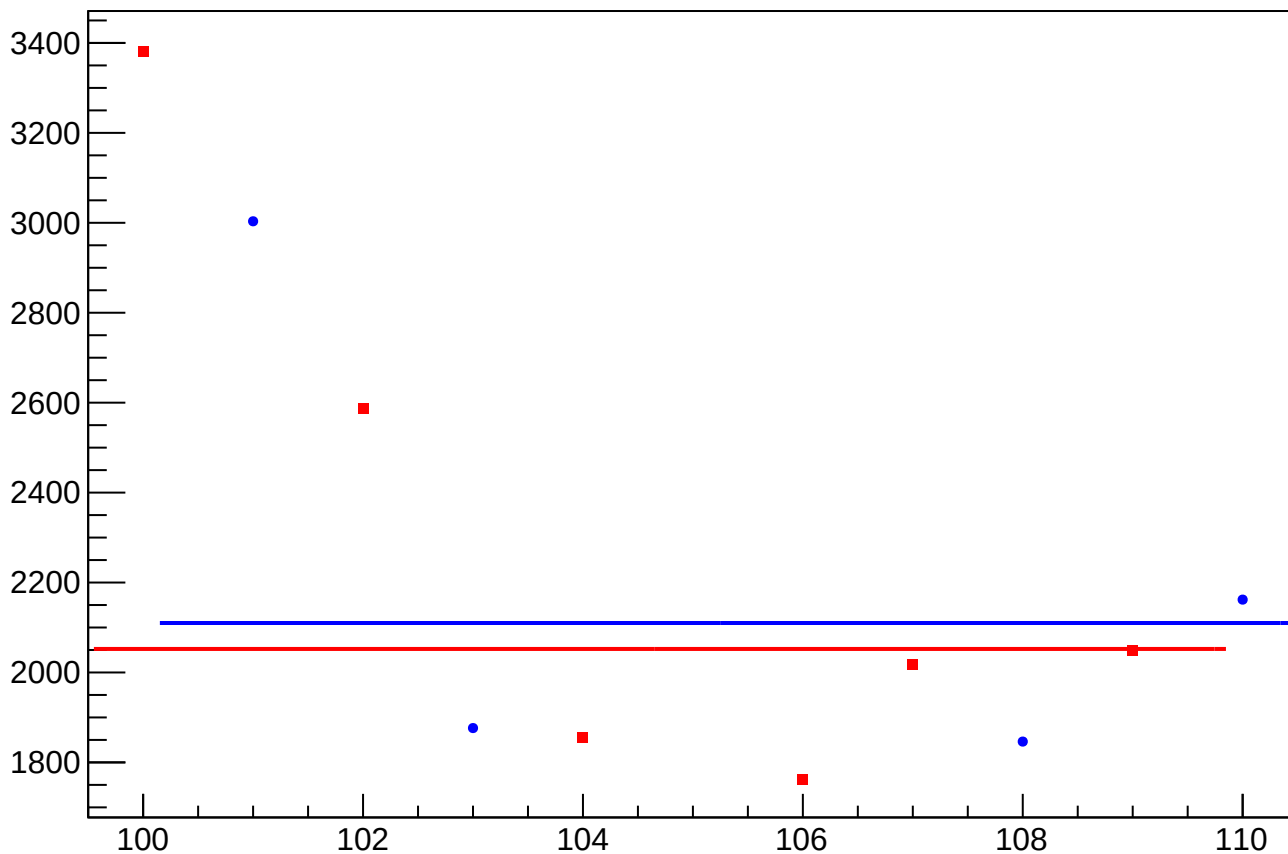
Right: 4481.708+/-1039.939 χ^2/NDF : 4.1/9

In: 5389.079+/-1518.320 χ^2/NDF : 2.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4481.708+/-1039.939 χ^2/NDF : 4.1/9

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2110.021+/-1.074 χ^2/NDF : 150455.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2052.317+/-0.994 χ^2/NDF : 95662.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

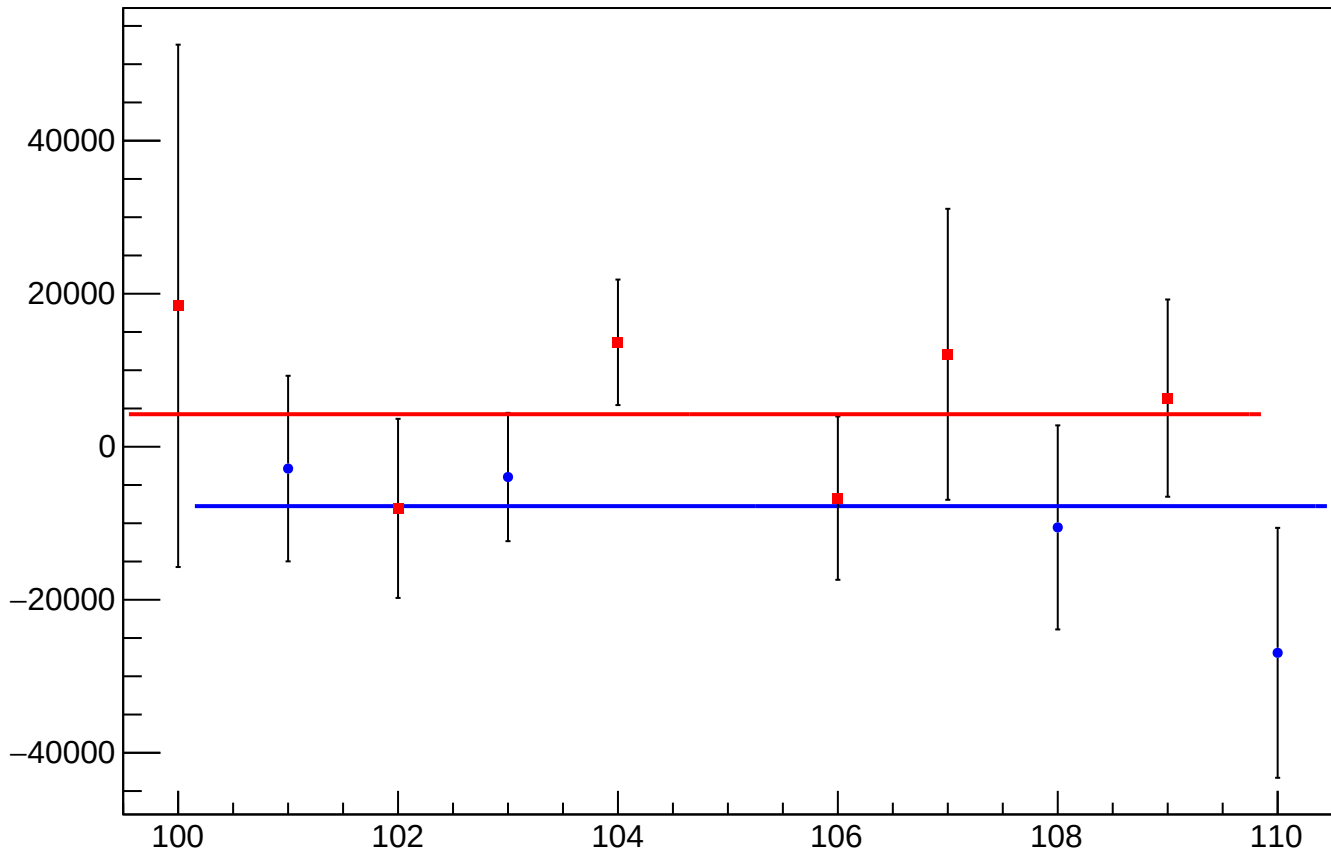
Right: 2078.948+/-0.729 χ^2/NDF : 247673.2/9

In: 2110.021+/-1.074 χ^2/NDF : 150455.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2078.948+/-0.729 χ^2/NDF : 247673.2/9

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -7761.568+/-5735.818 χ^2/NDF : 1.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4252.178+/-4964.074 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

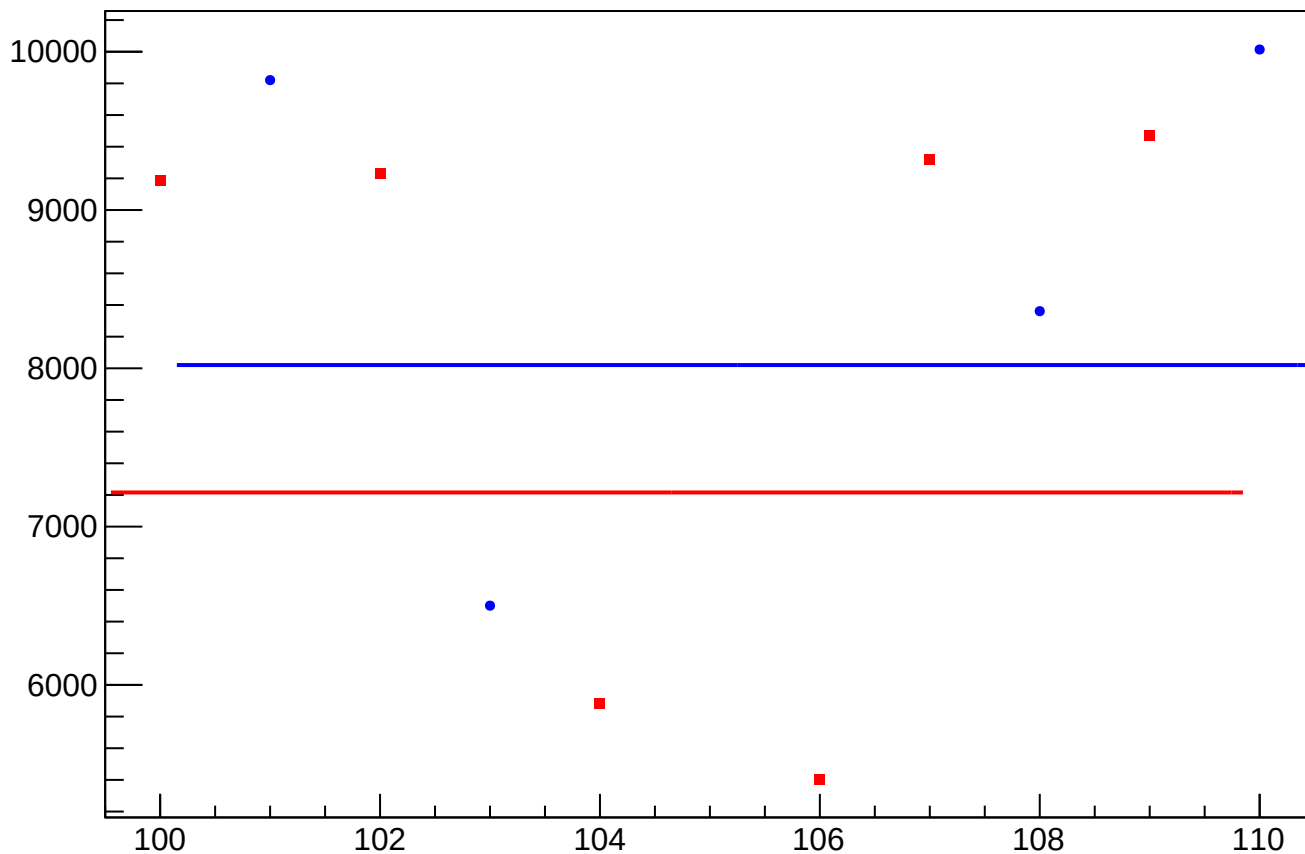
Right: -892.673+/-3753.553 χ^2/NDF : 8.1/9

In: -7761.568+/-5735.818 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -892.673+/-3753.553 χ^2/NDF : 8.1/9

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8020.698+/-4.056 χ^2/NDF : 140885.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7215.739+/-3.510 χ^2/NDF : 262256.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

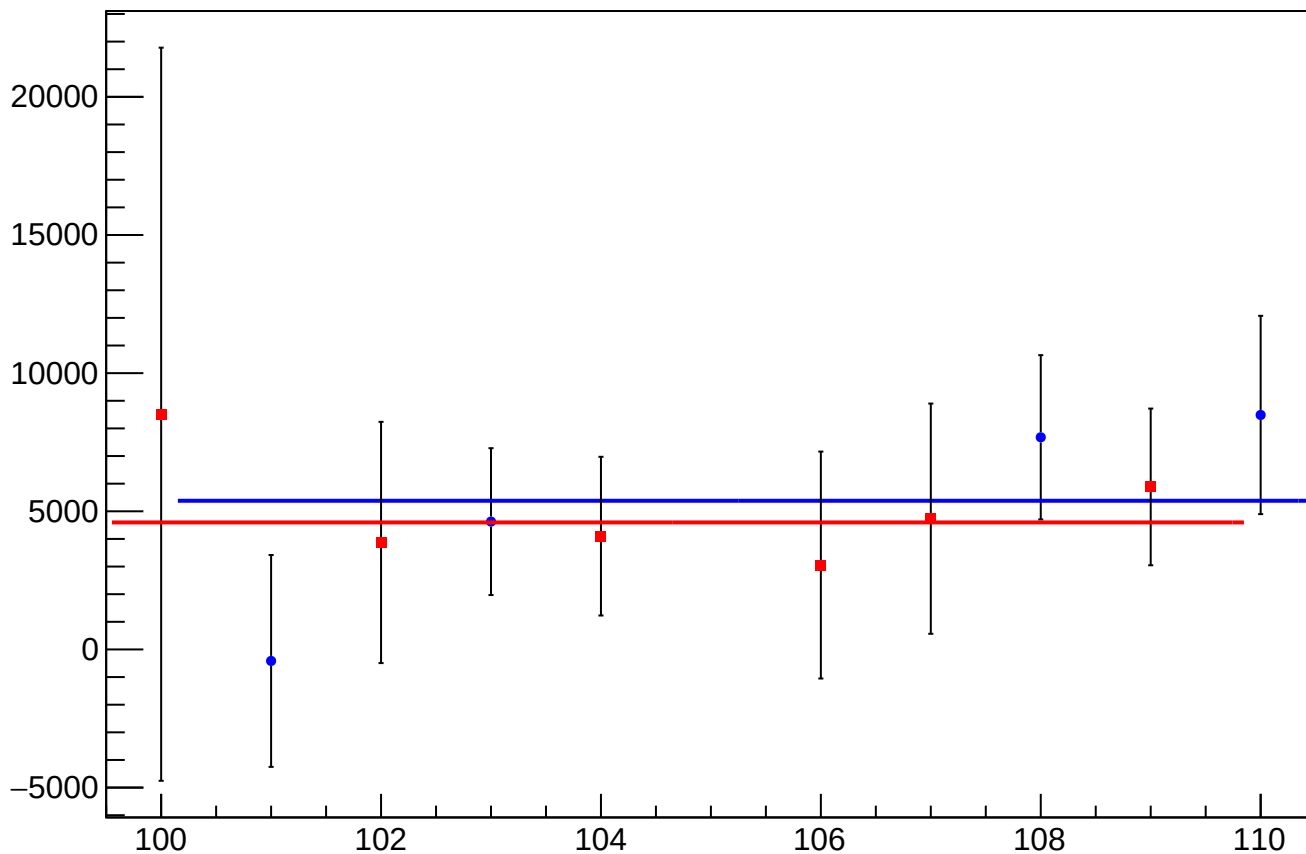
Right: 7560.460+/-2.654 χ^2/NDF : 425662.8/9

In: 8020.698+/-4.056 χ^2/NDF : 140885.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7560.460+/-2.654 χ^2/NDF : 425662.8/9

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5381.155+/-1580.356 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4597.152+/-1541.915 χ^2/NDF : 0.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

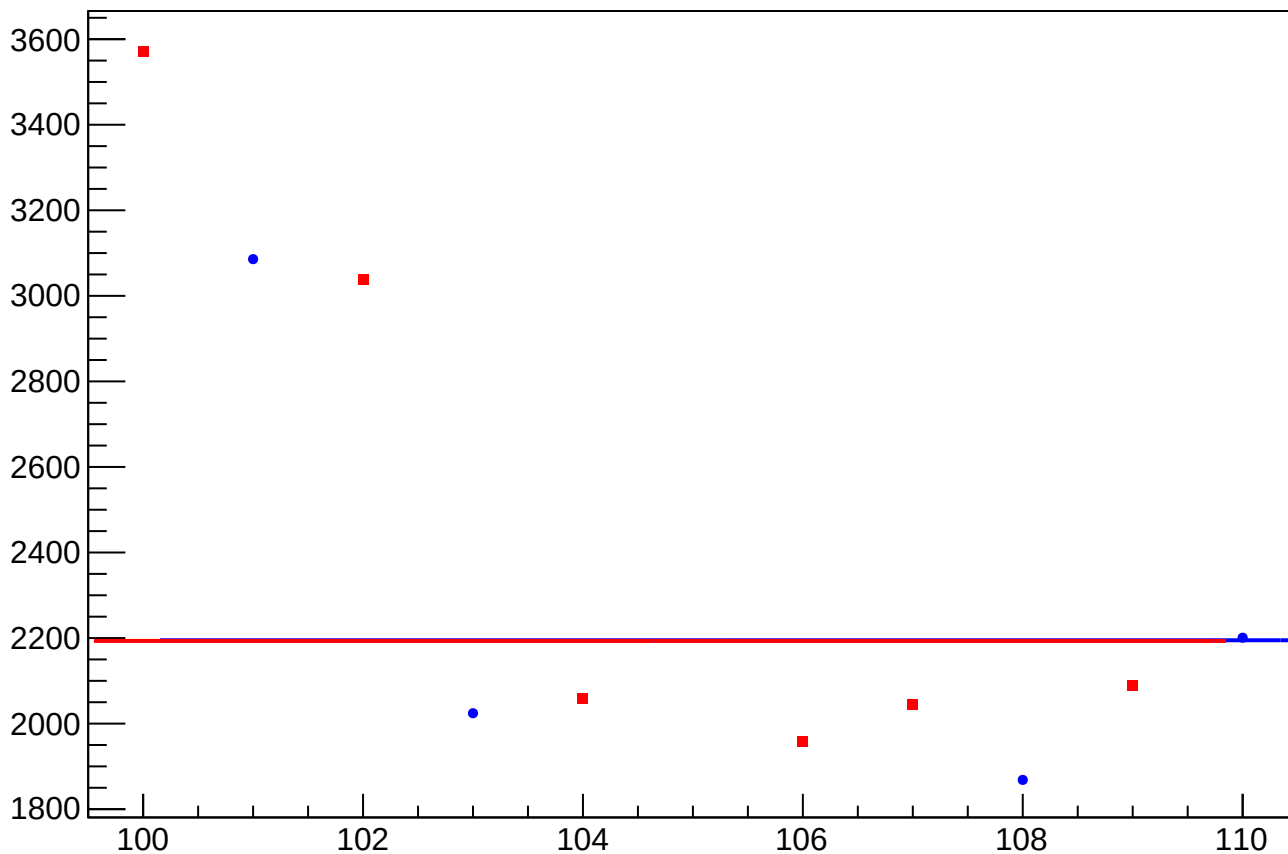
Right: 4979.502+/-1103.639 χ^2/NDF : 4.3/9

In: 5381.155+/-1580.356 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4979.502+/-1103.639 χ^2/NDF : 4.3/9

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2194.836+/-1.117 χ^2/NDF : 140380.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2193.293+/-1.088 χ^2/NDF : 113057.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

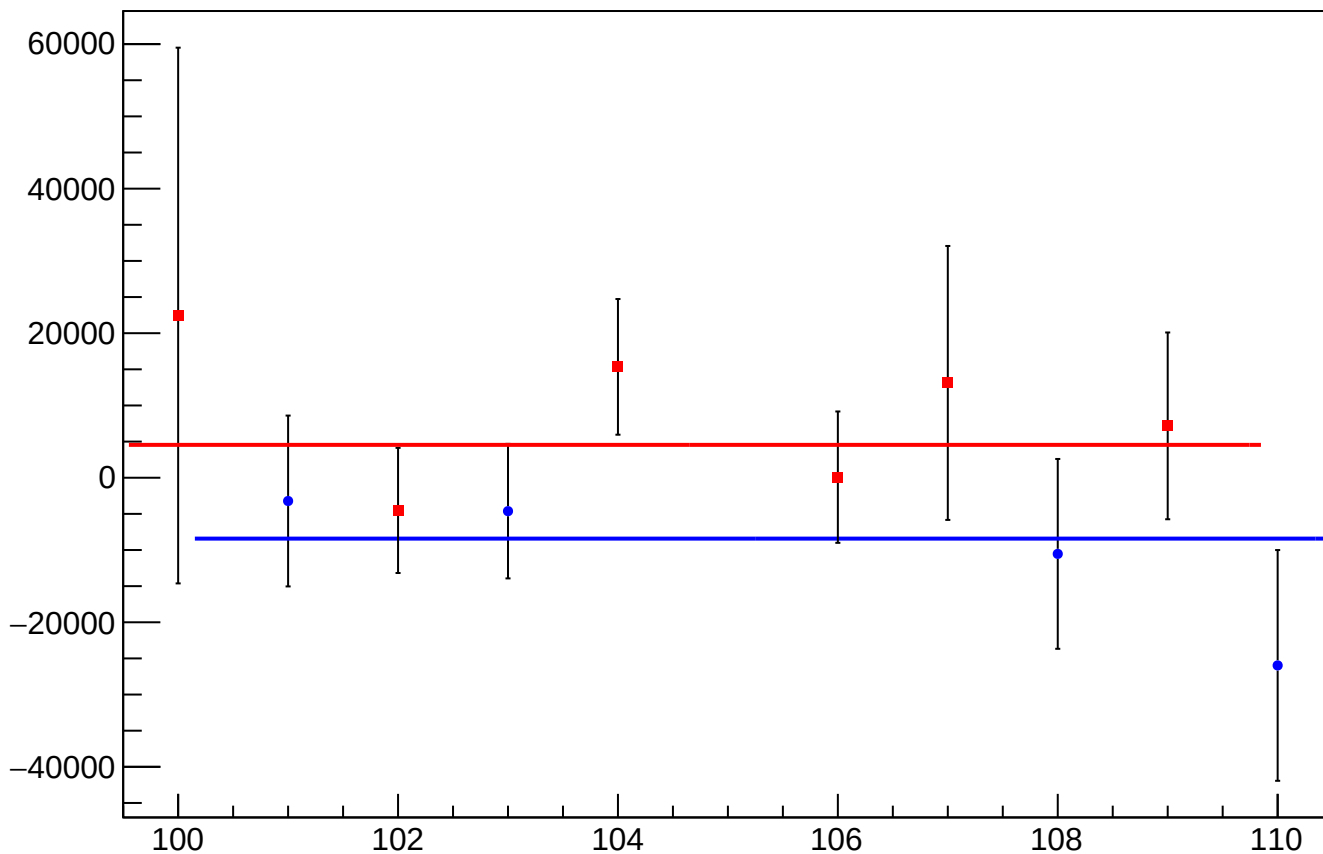
Right: 2194.044+/-0.780 χ^2/NDF : 253438.2/9

In: 2194.836+/-1.117 χ^2/NDF : 140380.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2194.044+/-0.780 χ^2/NDF : 253438.2/9

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -8421.984+/-5931.460 χ^2/NDF : 1.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4547.952+/-4647.448 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

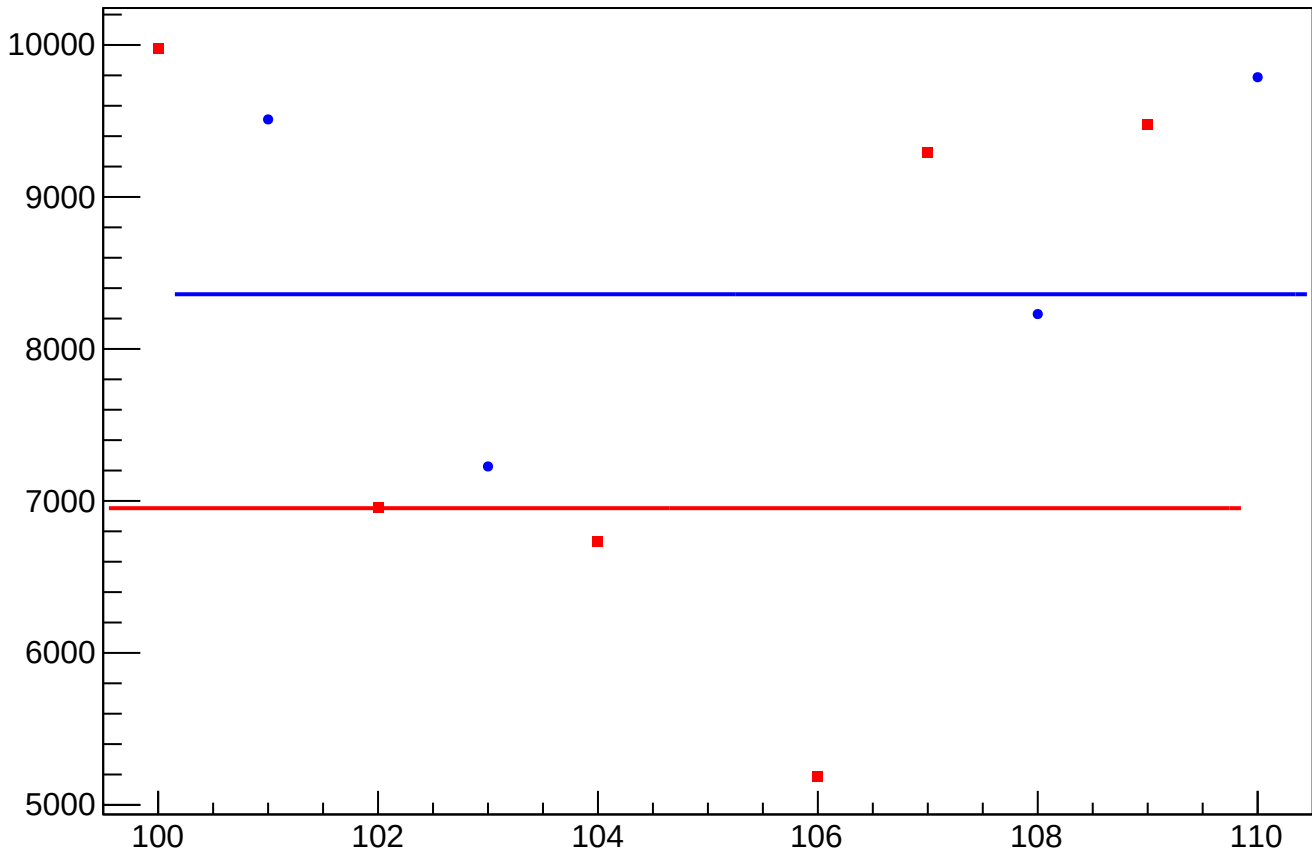
Right: -385.647+/-3658.261 χ^2/NDF : 7.7/9

In: -8421.984+/-5931.460 χ^2/NDF : 1.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -385.647+/-3658.261 χ^2/NDF : 7.7/9

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8359.936 $\pm$ 4.194 χ^2 /NDF: 64786.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6952.295 $\pm$ 3.286 χ^2 /NDF: 196622.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

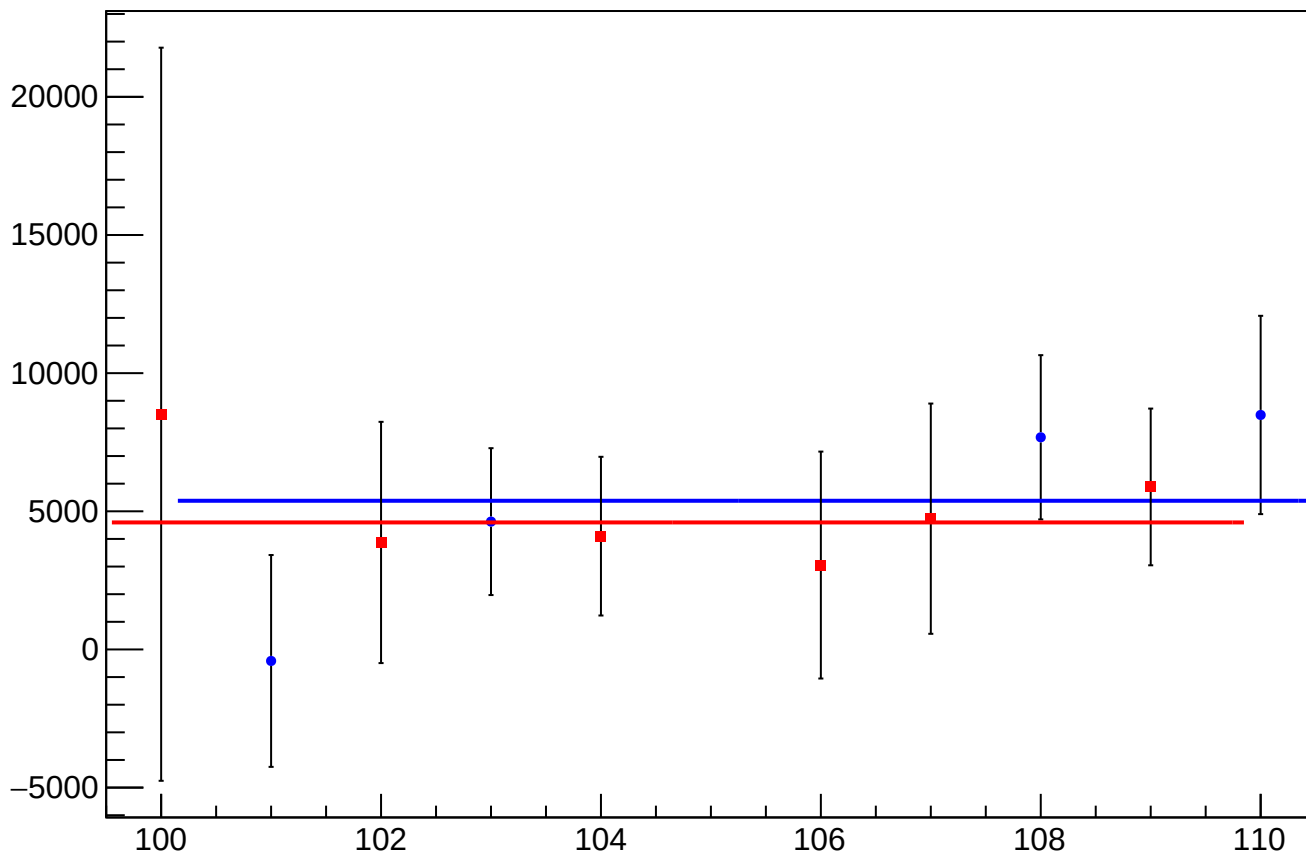
Right: 7487.744 $\pm$ 2.587 χ^2 /NDF: 331202.1/9

In: 8359.936 $\pm$ 4.194 χ^2 /NDF:64786.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7487.744 $\pm$ 2.587 χ^2 /NDF: 331202.1/9

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5381.165+/-1580.357 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4597.143+/-1541.914 χ^2/NDF : 0.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

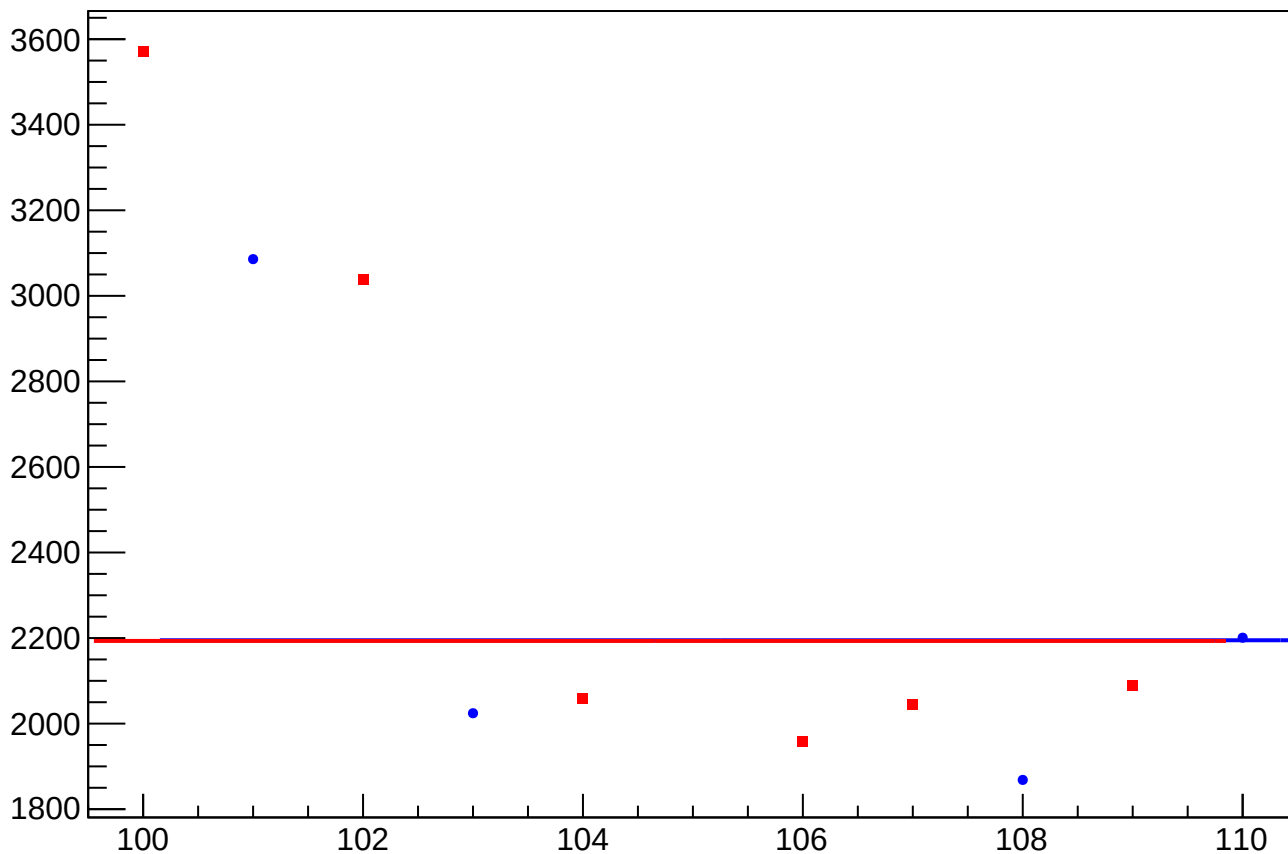
Right: 4979.503+/-1103.638 χ^2/NDF : 4.3/9

In: 5381.165+/-1580.357 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4979.503+/-1103.638 χ^2/NDF : 4.3/9

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2194.836+/-1.117 χ^2/NDF : 140380.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2193.293+/-1.088 χ^2/NDF : 113057.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

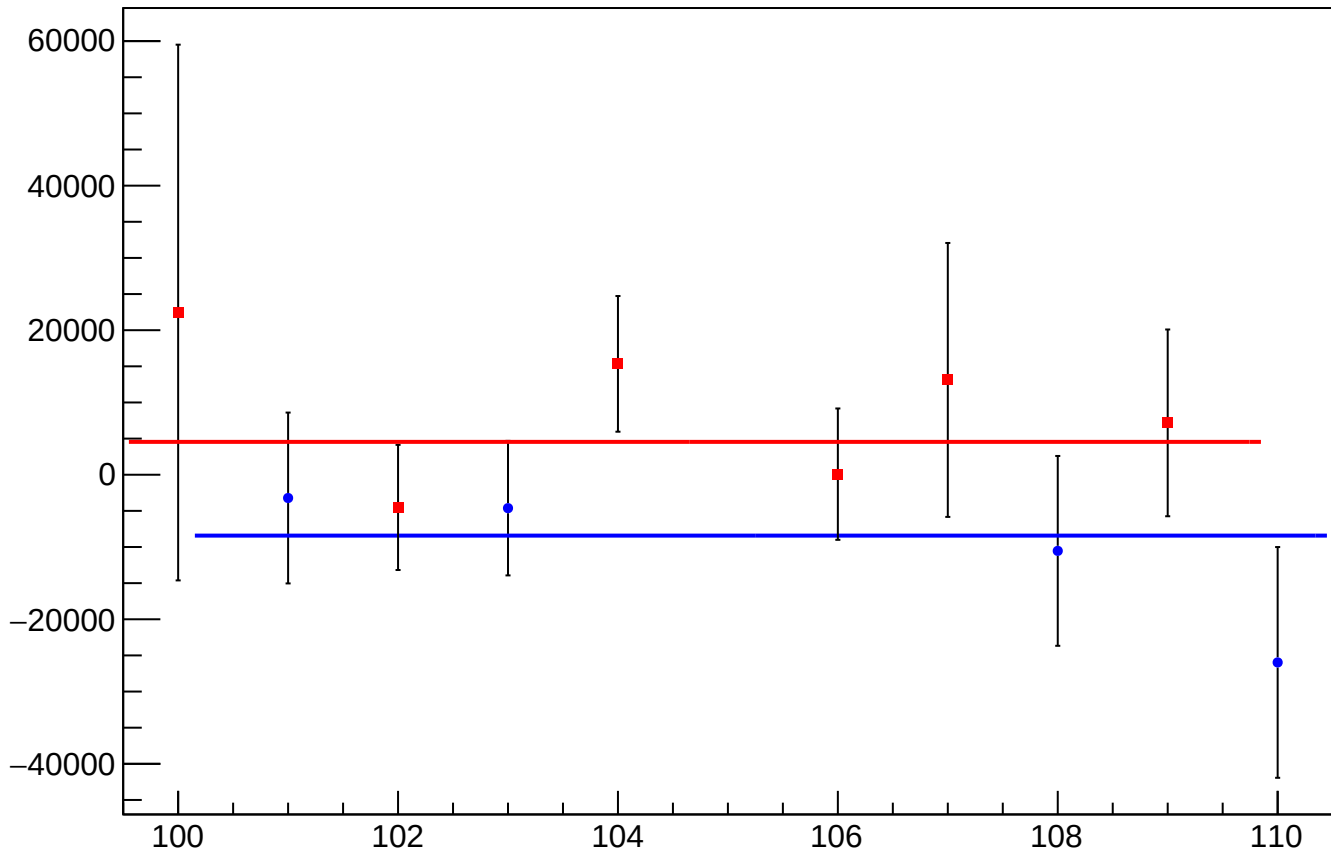
Right: 2194.044+/-0.780 χ^2/NDF : 253438.0/9

In: 2194.836+/-1.117 χ^2/NDF : 140380.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2194.044+/-0.780 χ^2/NDF : 253438.0/9

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -8421.986+/-5931.454 χ^2/NDF : 1.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4547.955+/-4647.441 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

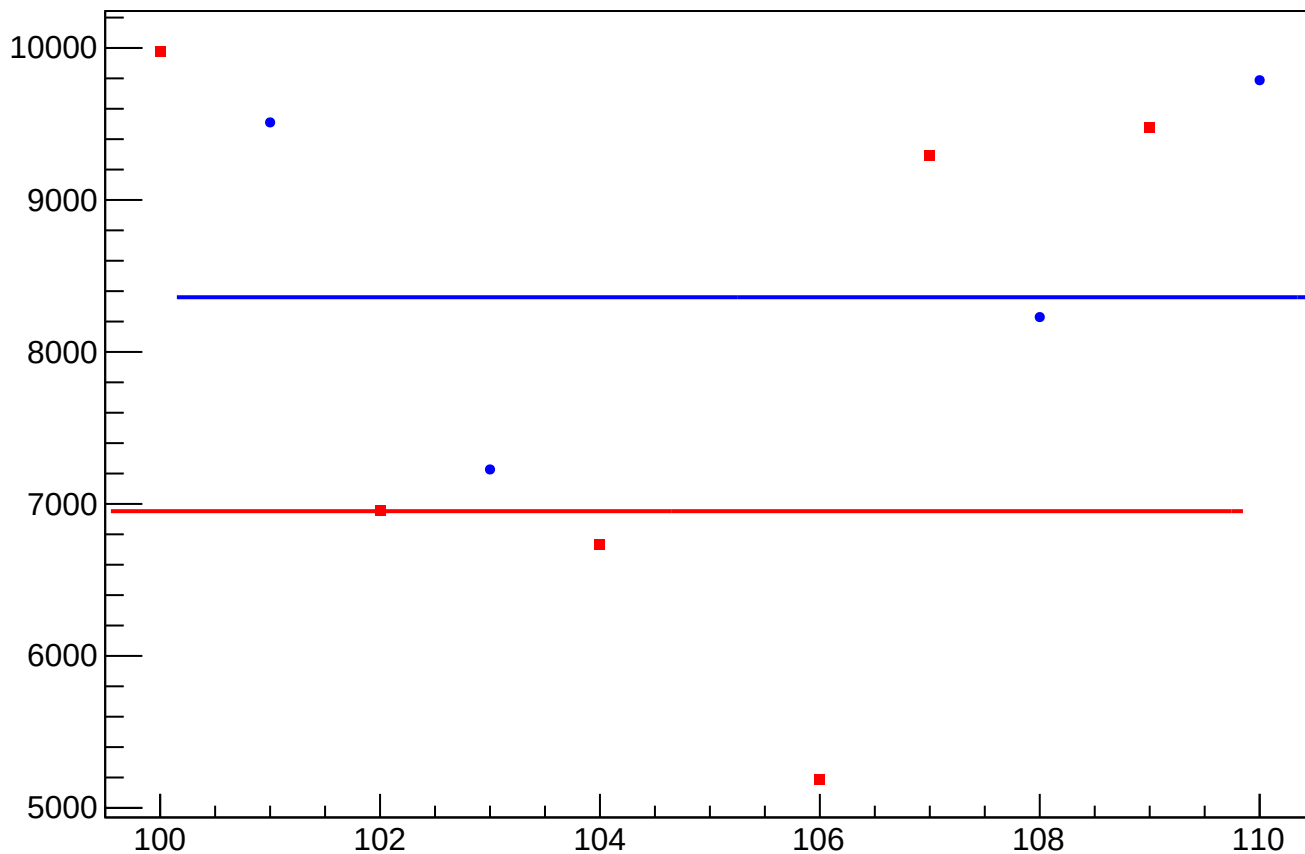
Right: -385.645+/-3658.256 χ^2/NDF : 7.7/9

In: -8421.986+/-5931.454 χ^2/NDF : 1.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -385.645+/-3658.256 χ^2/NDF : 7.7/9

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8359.927+/-4.194 χ^2/NDF : 64786.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6952.286+/-3.286 χ^2/NDF : 196622.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

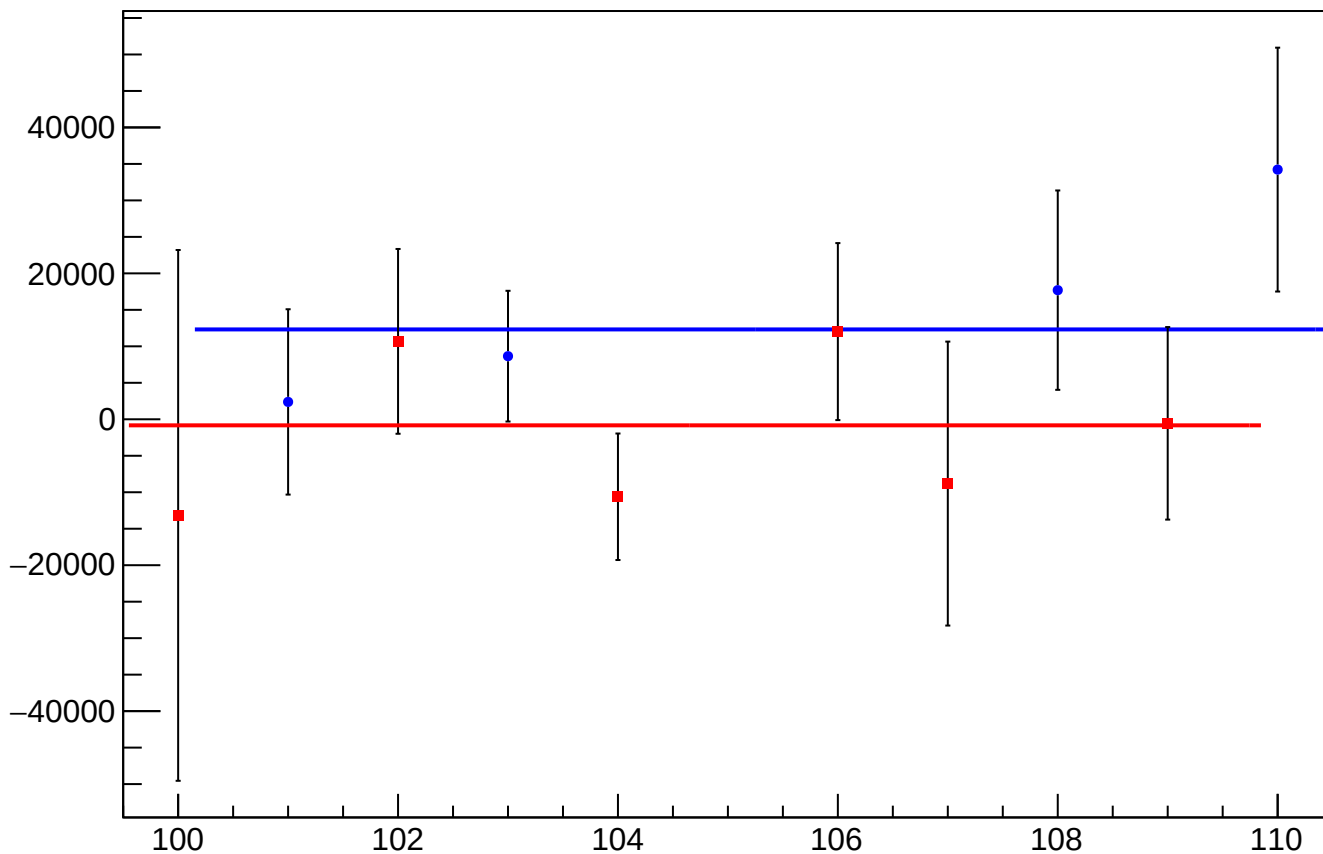
Right: 7487.734+/-2.587 χ^2/NDF : 331201.4/9

In: 8359.927+/-4.194 χ^2/NDF : 64786.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7487.734+/-2.587 χ^2/NDF : 331201.4/9

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 12316.102 $\pm$ 6019.087 χ^2 /NDF: 2.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -829.717 $\pm$ 5308.909 χ^2 /NDF: 3.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

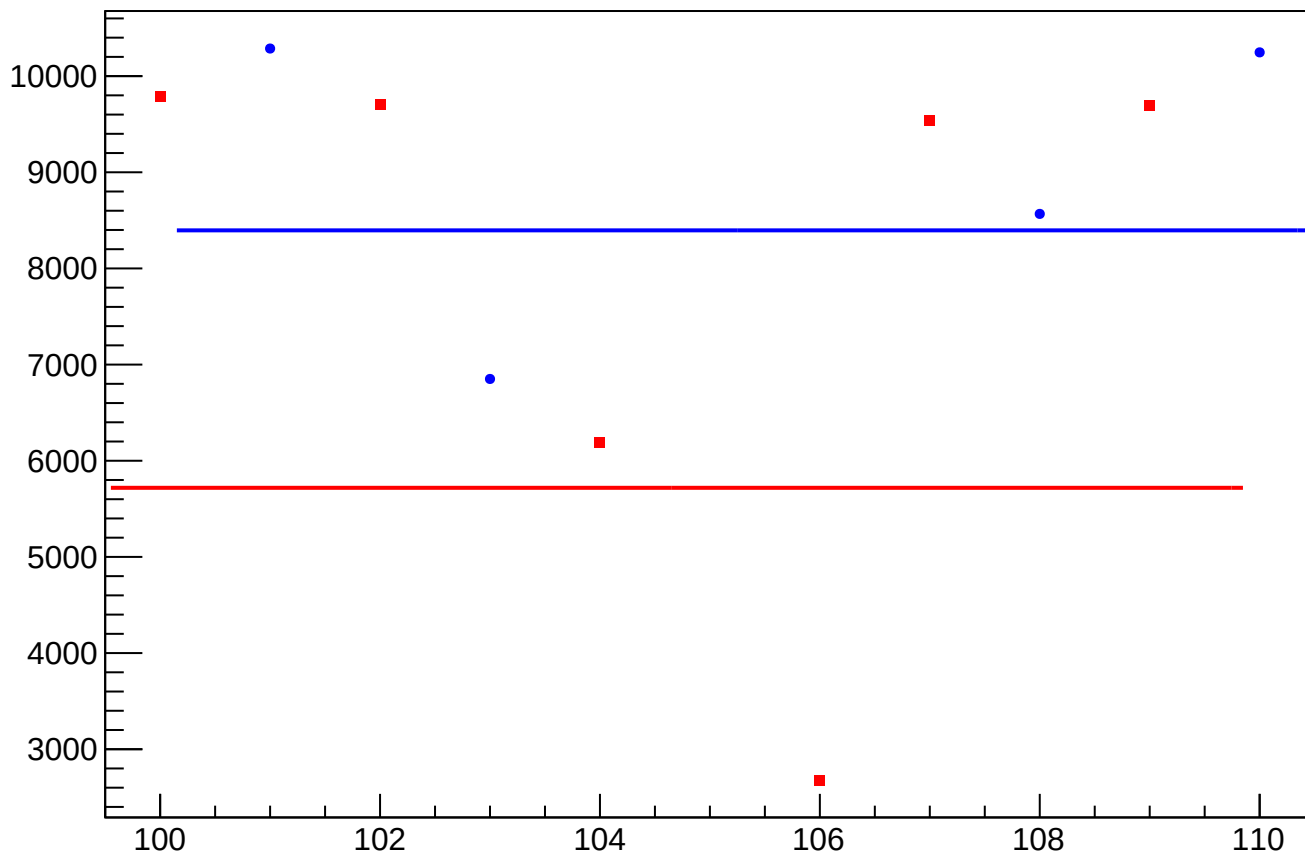
Right: 4922.278 $\pm$ 3981.493 χ^2 /NDF: 8.8/9

In: 12316.102 $\pm$ 6019.087 χ^2 /NDF: 2.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4922.278 $\pm$ 3981.493 χ^2 /NDF: 8.8/9

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8395.956+/-4.256 χ^2/NDF : 128720.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5718.634+/-3.139 χ^2/NDF : 896959.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

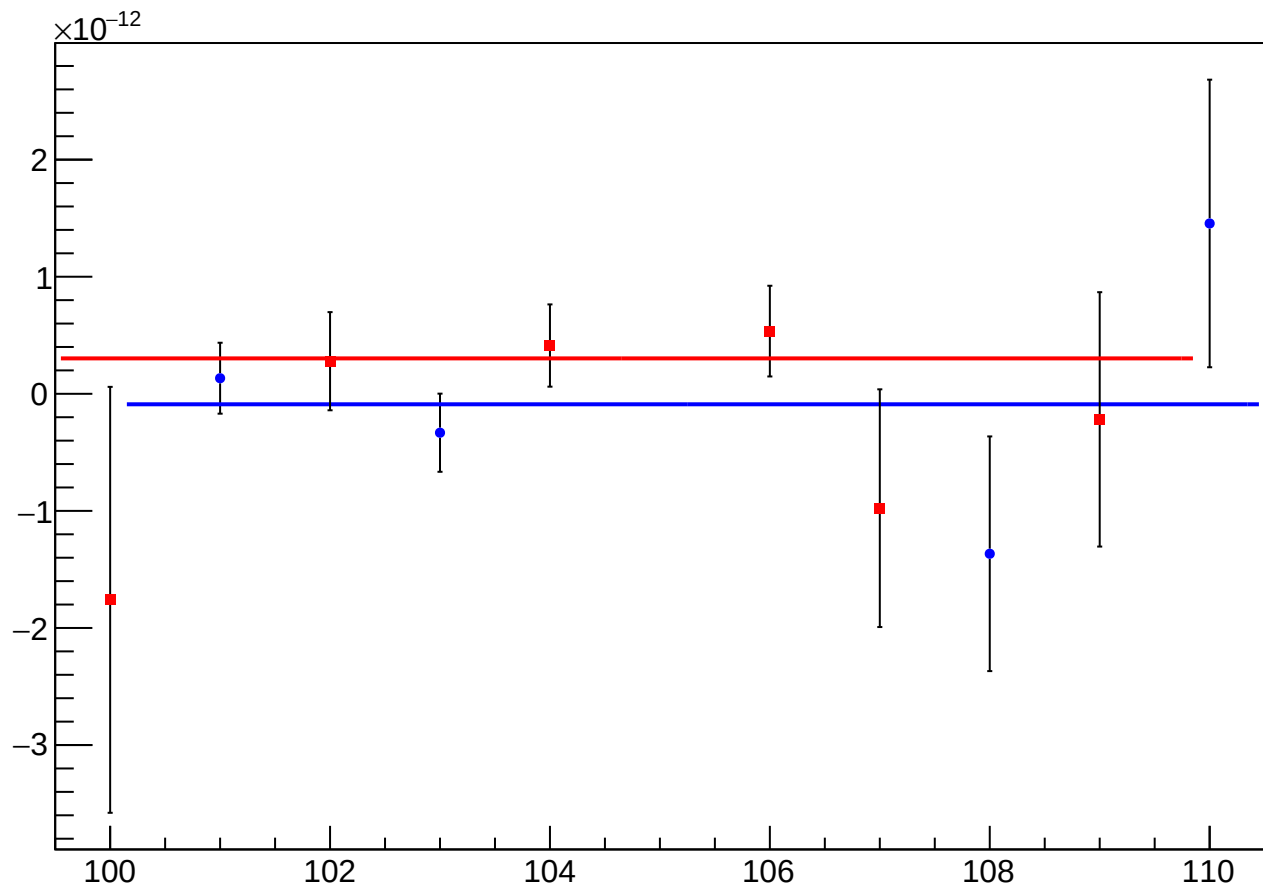
Right: 6661.783+/-2.526 χ^2/NDF : 1282007.7/9

In: 8395.956+/-4.256 χ^2/NDF : 128720.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6661.783+/-2.526 χ^2/NDF : 1282007.7/9

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

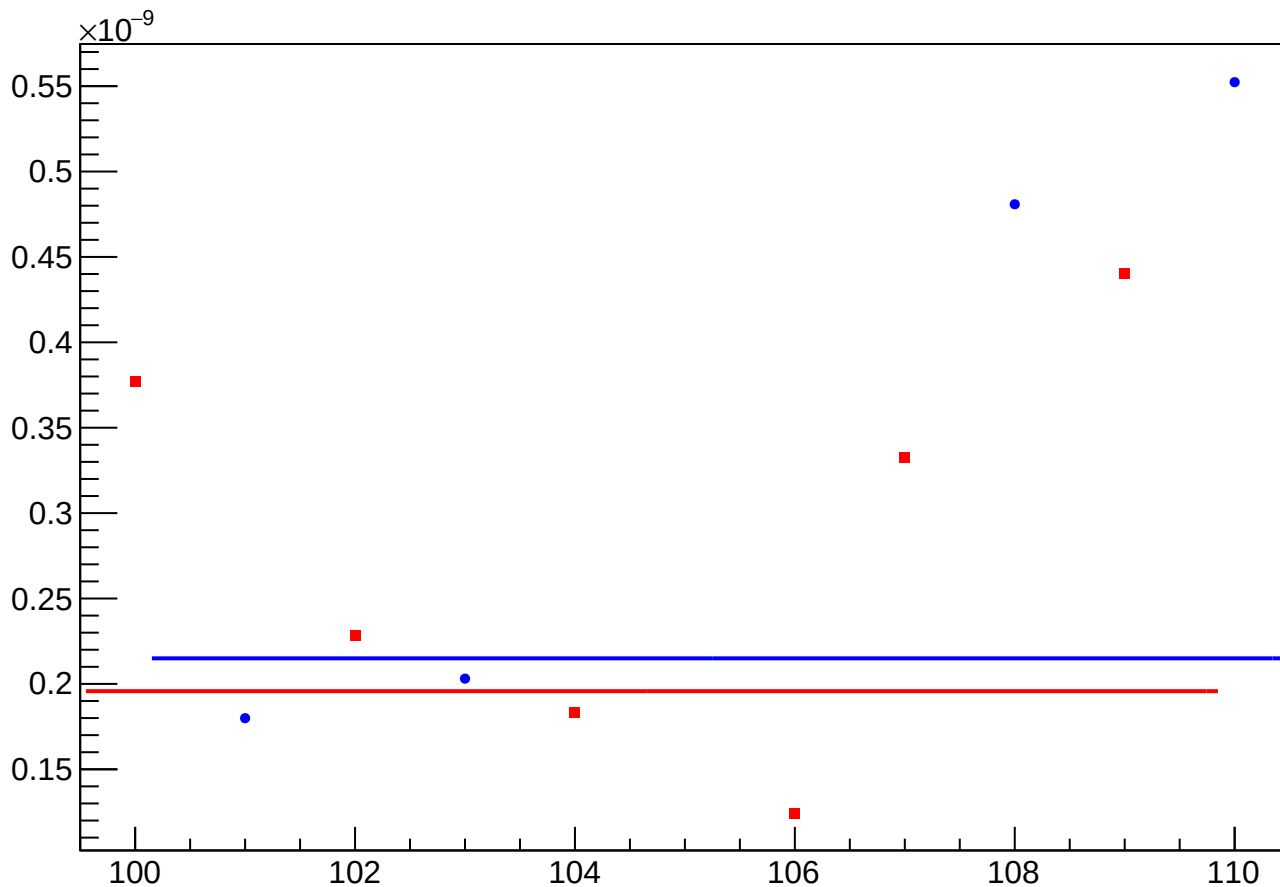
Right: 0.000+/-0.000 χ^2/NDF : 9.5/9

In: -0.000+/-0.000 χ^2/NDF : 4.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.5/9

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 320970.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 240209.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

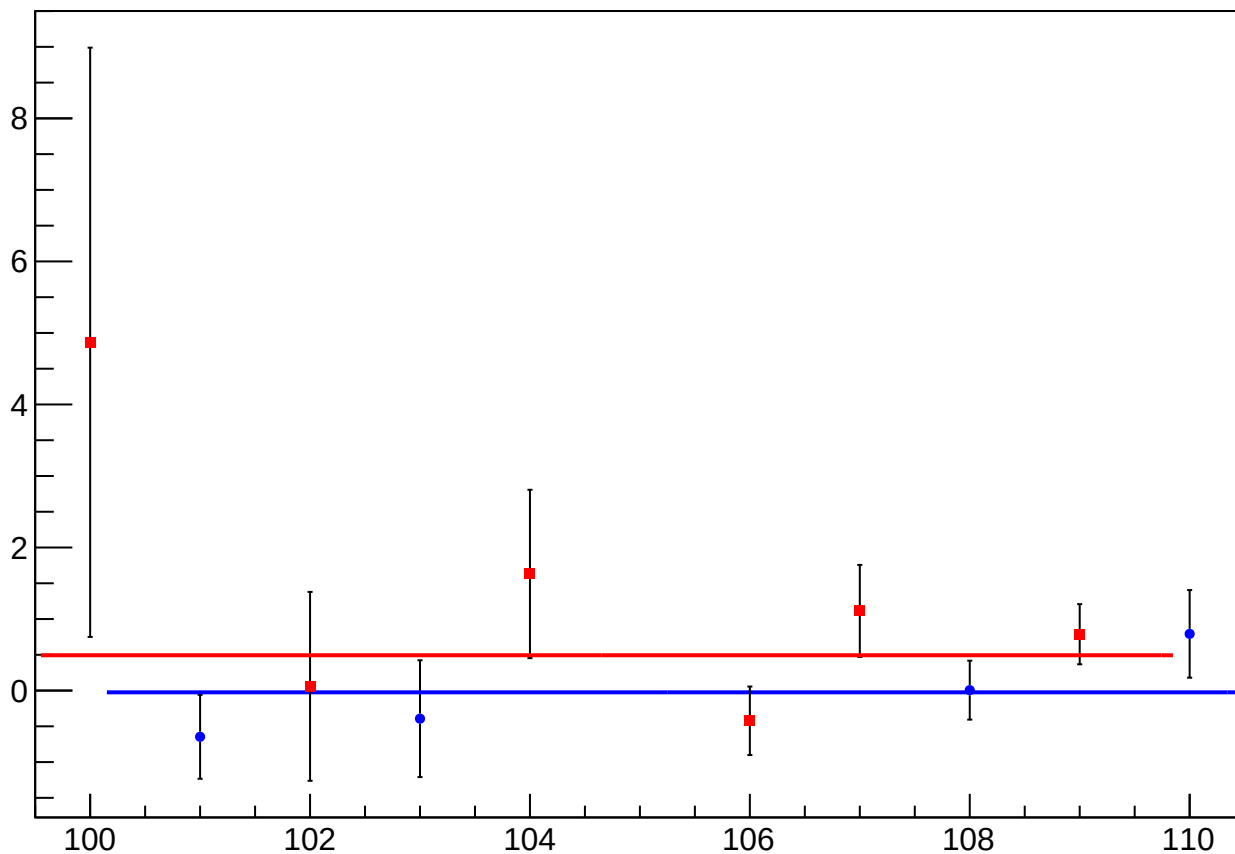
Right: 0.000+/-0.000 χ^2/NDF : 569316.6/9

In: 0.000+/-0.000 χ^2/NDF : 320970.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 569316.6/9

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.278 χ^2/NDF : 3.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.494+/-0.269 χ^2/NDF : 7.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

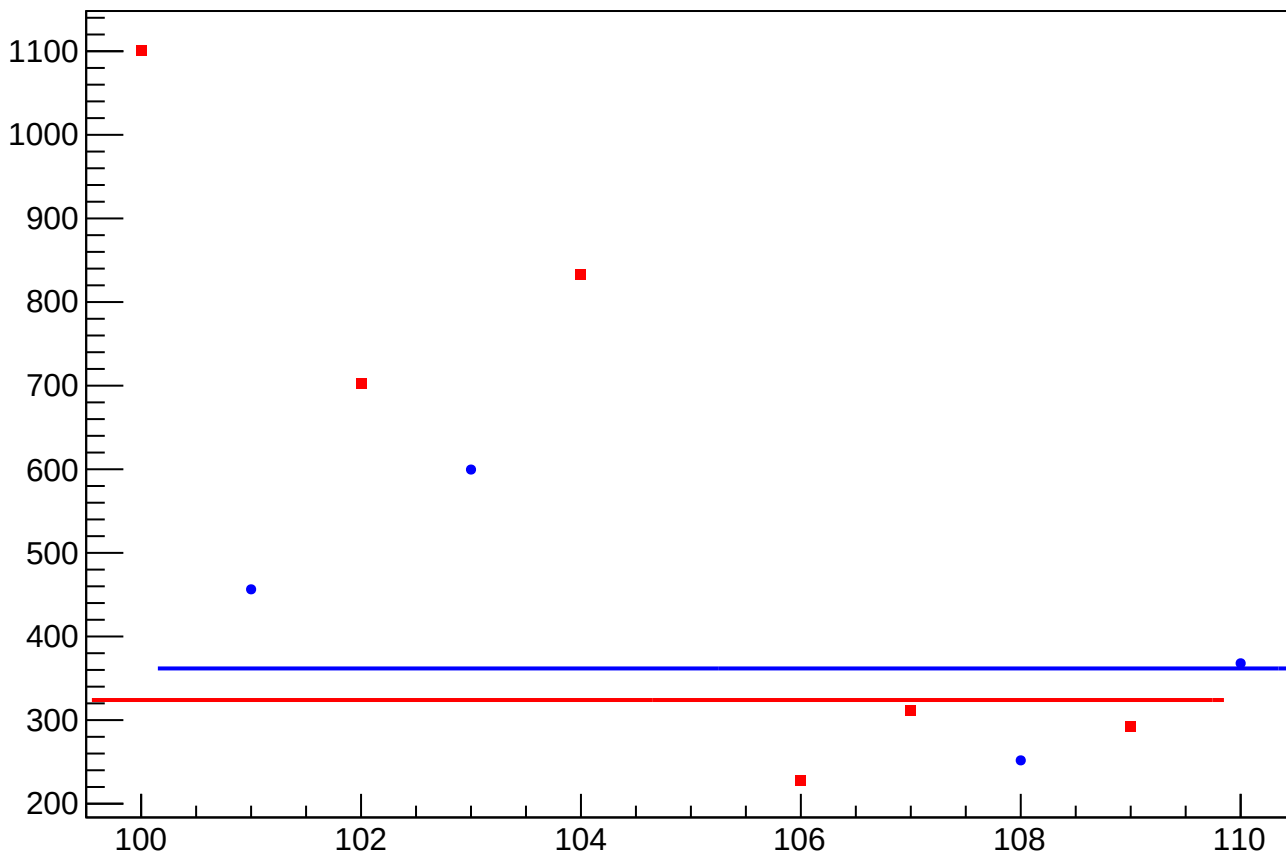
Right: 0.242+/-0.193 χ^2/NDF : 12.2/9

In: -0.025+/-0.278 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.242+/-0.193 χ^2/NDF : 12.2/9

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 361.775+/-0.196 χ^2/NDF : 364304.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 324.023+/-0.190 χ^2/NDF : 702885.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

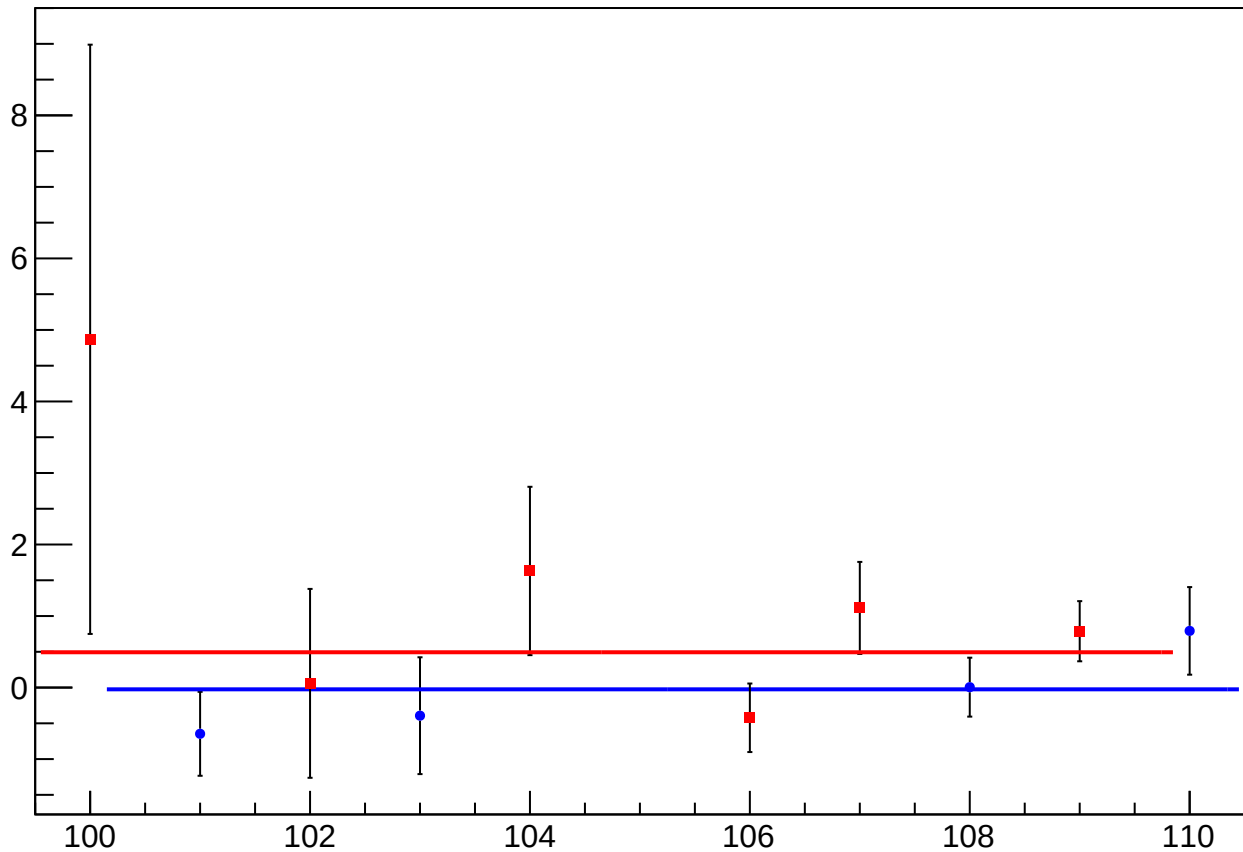
Right: 342.317+/-0.137 χ^2/NDF : 1086231.0/9

In: 361.775+/-0.196 χ^2/NDF : 364304.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.317+/-0.137 χ^2/NDF : 1086231.0/9

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.278 χ^2/NDF : 3.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.494+/-0.269 χ^2/NDF : 7.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

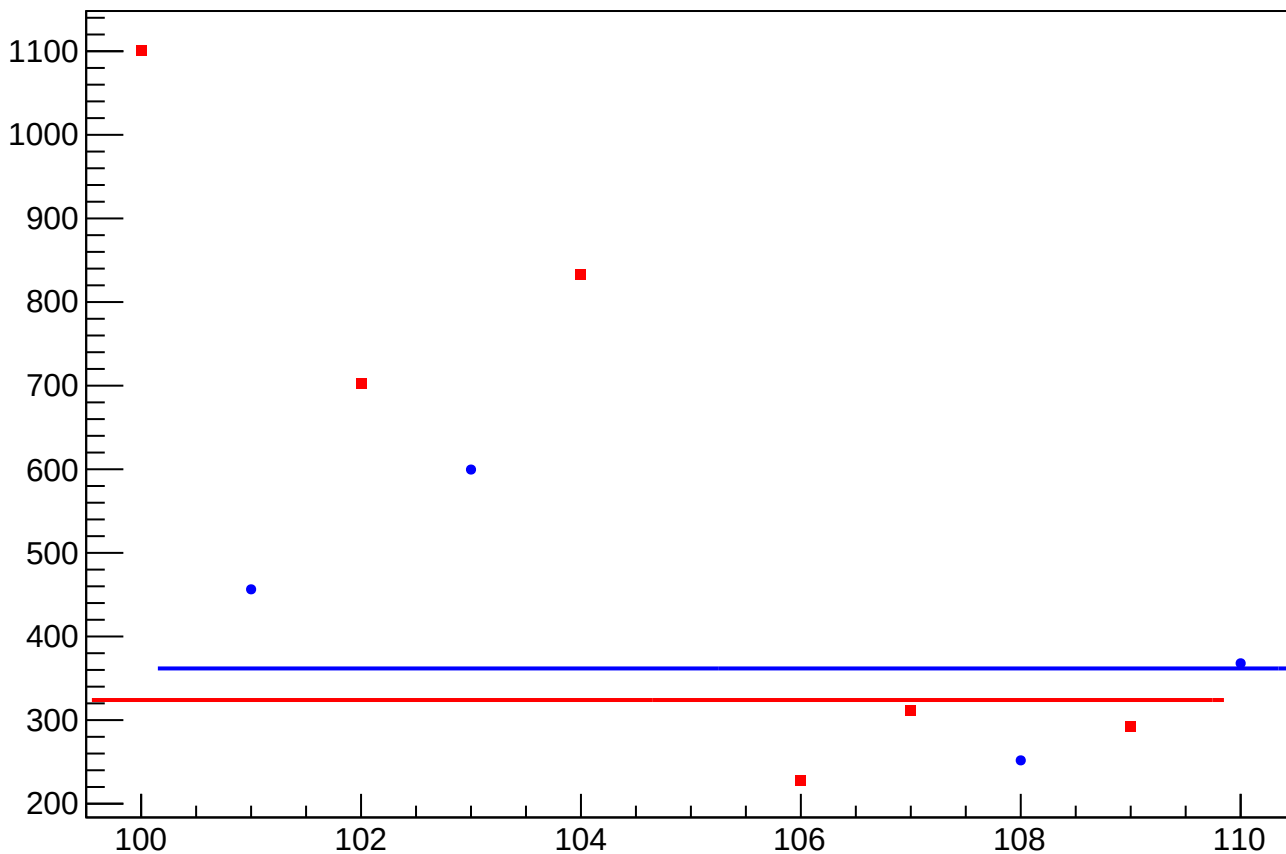
Right: 0.242+/-0.193 χ^2/NDF : 12.2/9

In: -0.025+/-0.278 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.242+/-0.193 χ^2/NDF : 12.2/9

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 361.775+/-0.196 χ^2/NDF : 364304.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 324.023+/-0.190 χ^2/NDF : 702885.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

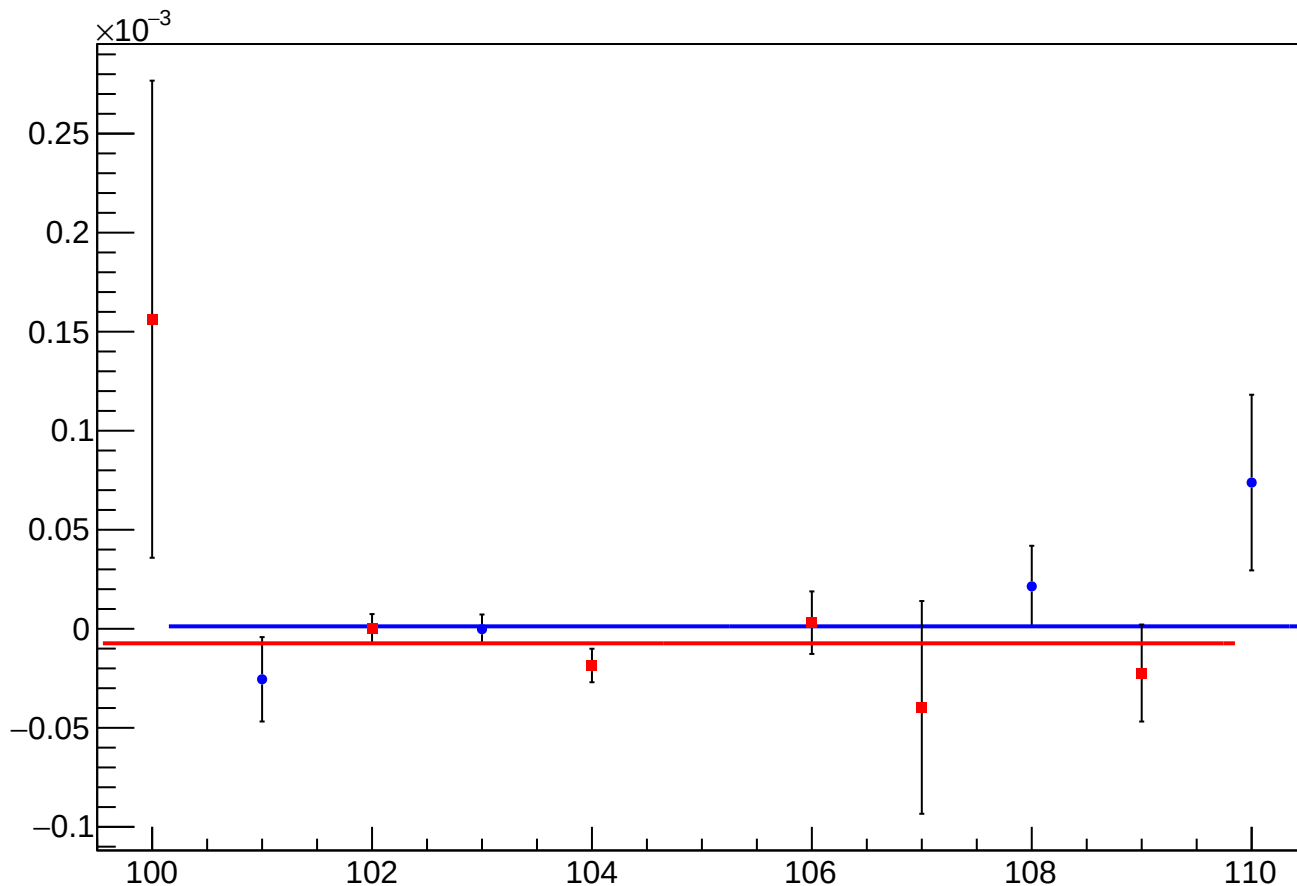
Right: 342.317+/-0.137 χ^2/NDF : 1086231.0/9

In: 361.775+/-0.196 χ^2/NDF : 364304.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.317+/-0.137 χ^2/NDF : 1086231.0/9

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

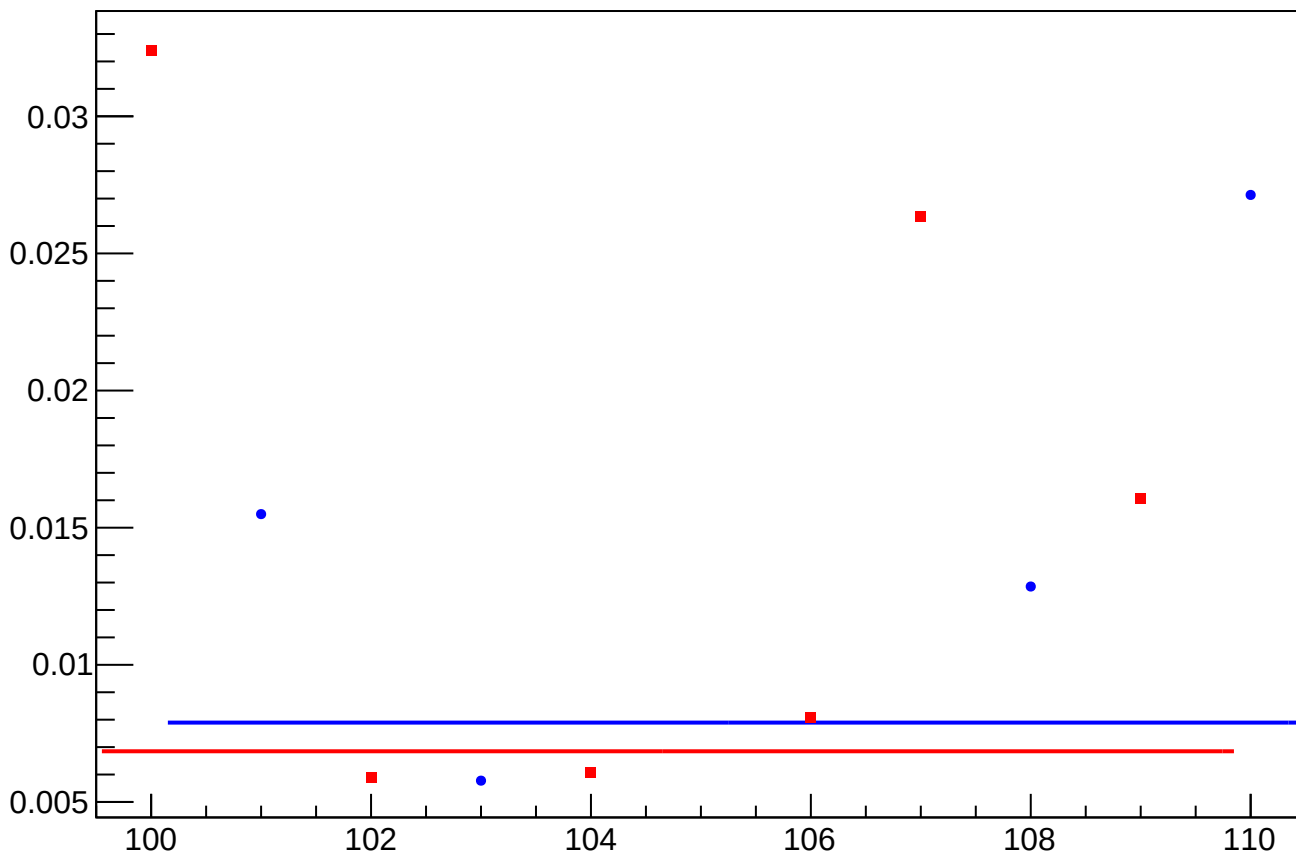
Right: -0.000+/-0.000 χ^2/NDF : 12.1/9

In: 0.000+/-0.000 χ^2/NDF : 5.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.1/9

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 910863.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 699347.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

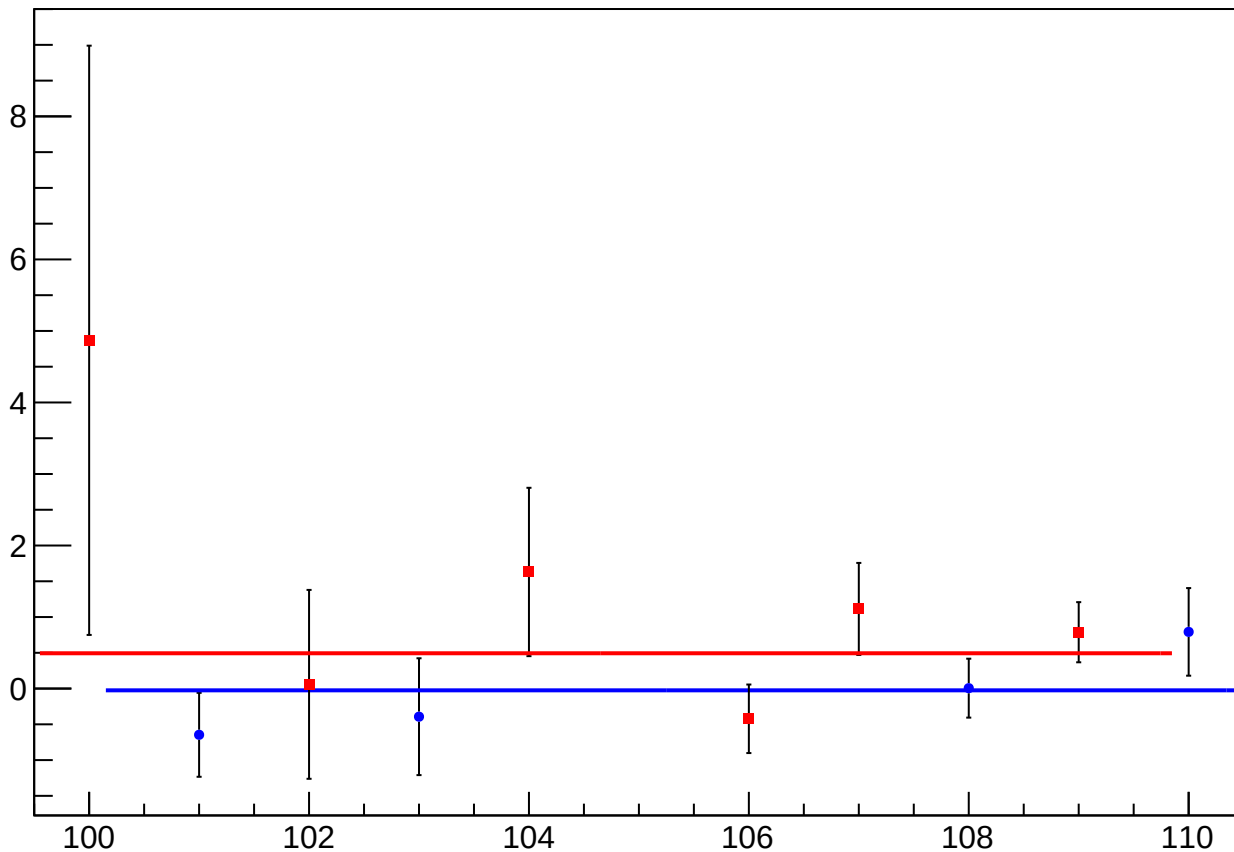
Right: 0.007+/-0.000 χ^2/NDF : 1641971.1/9

In: 0.008+/-0.000 χ^2/NDF : 910863.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 1641971.1/9

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.278 χ^2/NDF : 3.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.494+/-0.269 χ^2/NDF : 7.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

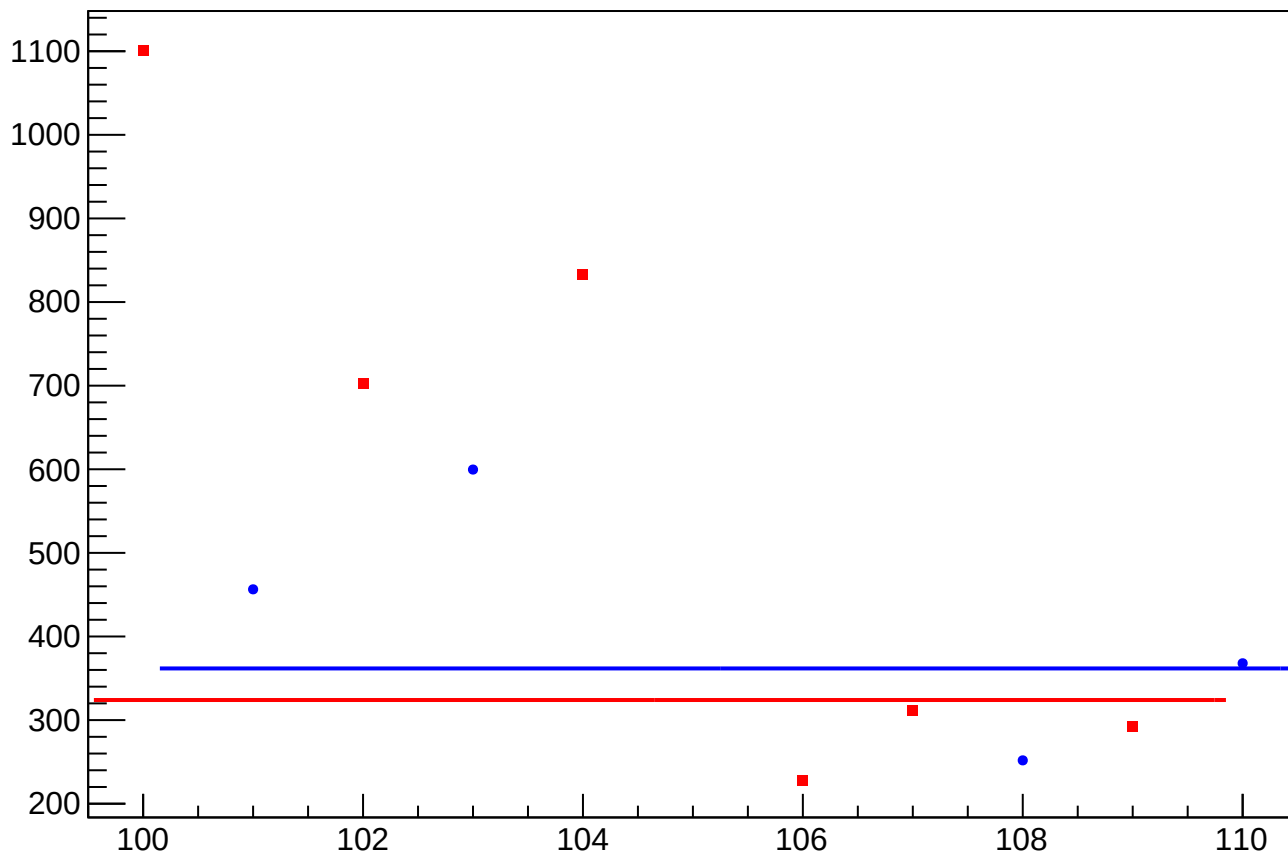
Right: 0.242+/-0.193 χ^2/NDF : 12.2/9

In: -0.025+/-0.278 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.242+/-0.193 χ^2/NDF : 12.2/9

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 361.781+/-0.196 χ^2/NDF : 364281.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 324.023+/-0.190 χ^2/NDF : 702879.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

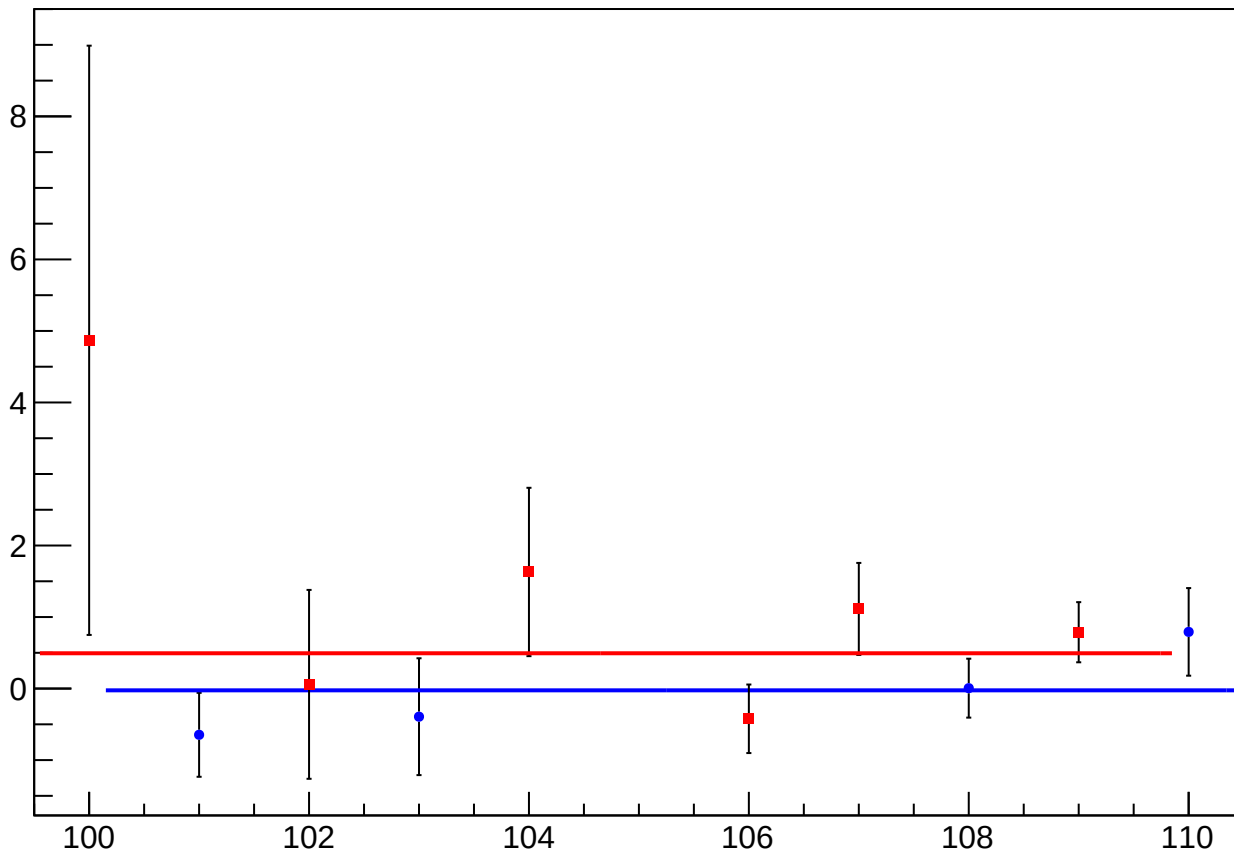
Right: 342.320+/-0.137 χ^2/NDF : 1086207.9/9

In: 361.781+/-0.196 χ^2/NDF : 364281.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.320+/-0.137 χ^2/NDF : 1086207.9/9

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.278 χ^2/NDF : 3.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.494+/-0.269 χ^2/NDF : 7.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

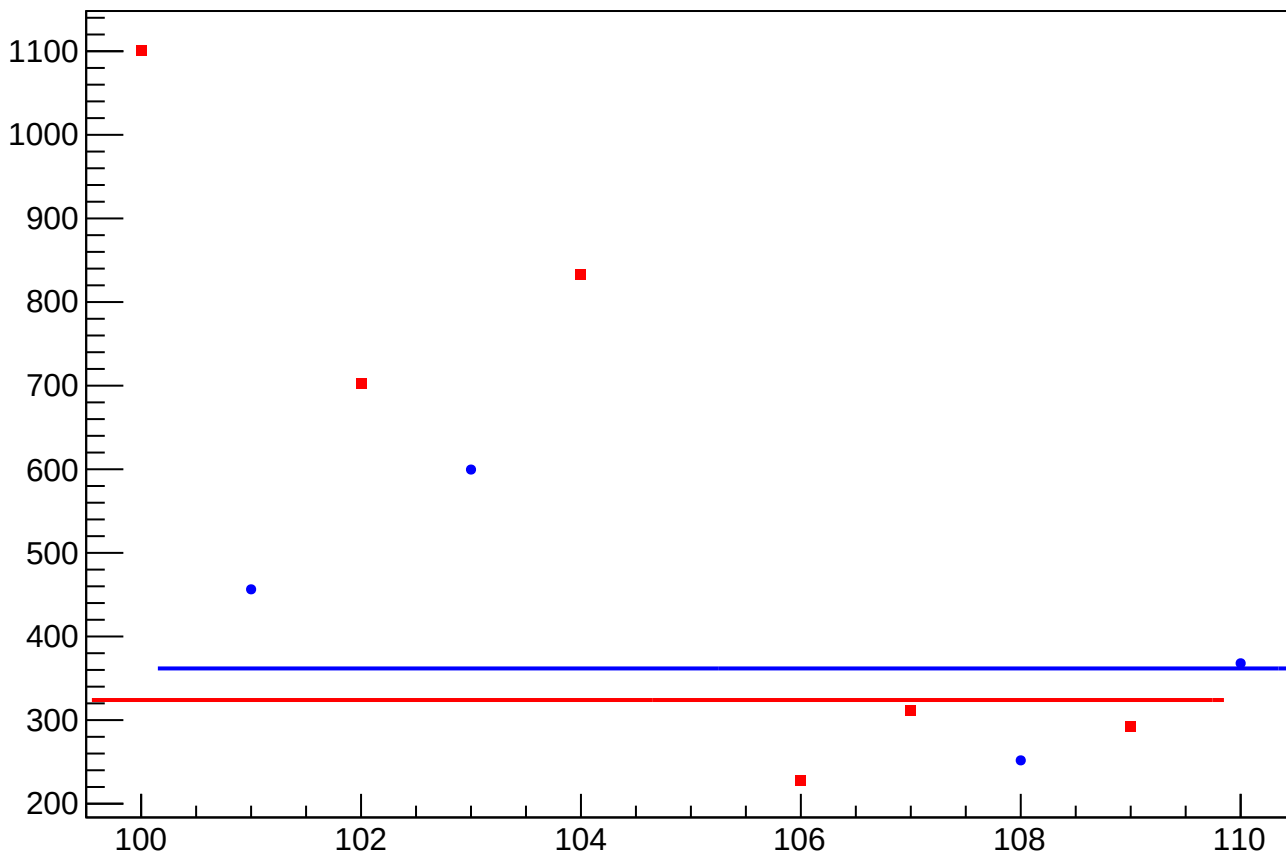
Right: 0.242+/-0.193 χ^2/NDF : 12.2/9

In: -0.025+/-0.278 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.242+/-0.193 χ^2/NDF : 12.2/9

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 361.781+/-0.196 χ^2/NDF : 364281.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 324.023+/-0.190 χ^2/NDF : 702879.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

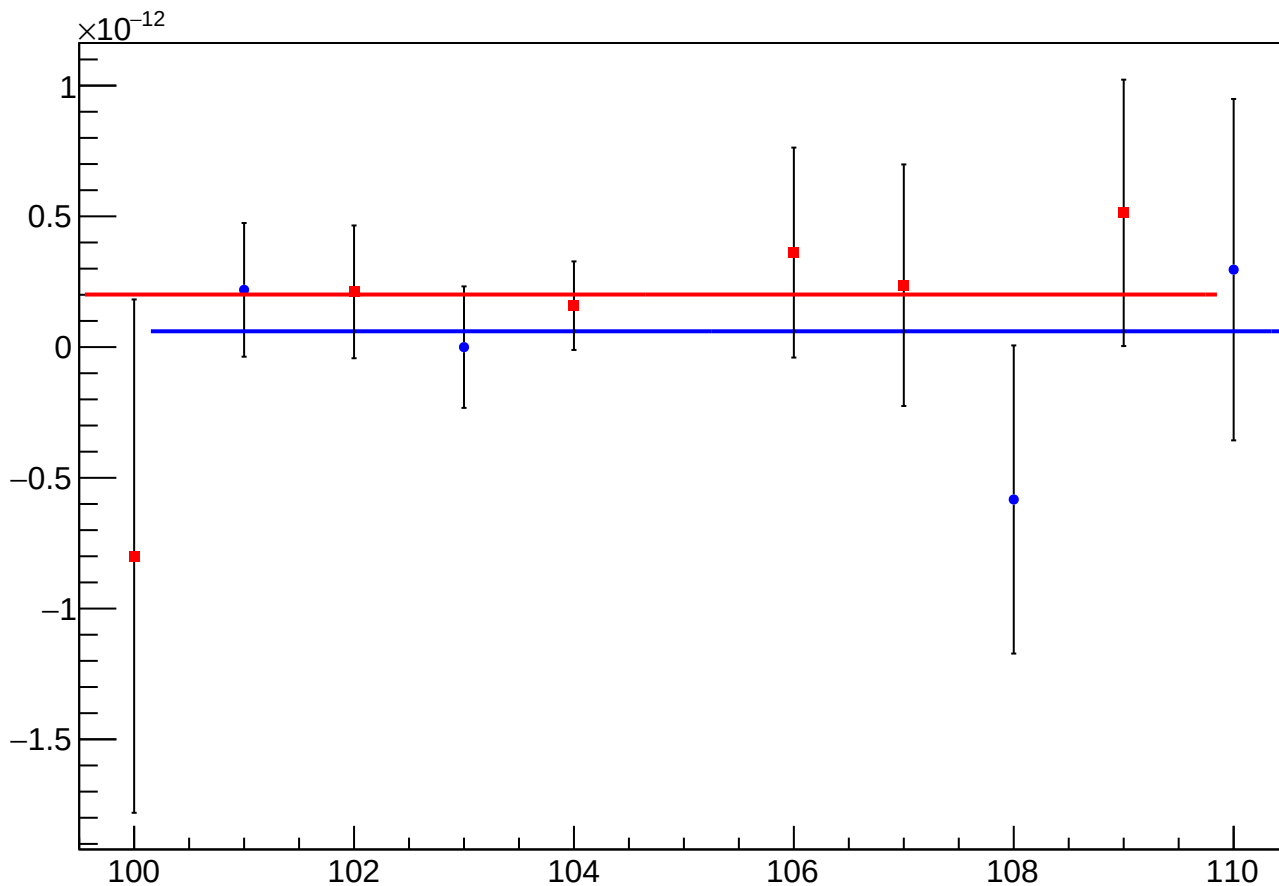
Right: 342.320+/-0.137 χ^2/NDF : 1086207.9/9

In: 361.781+/-0.196 χ^2/NDF : 364281.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.320+/-0.137 χ^2/NDF : 1086207.9/9

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

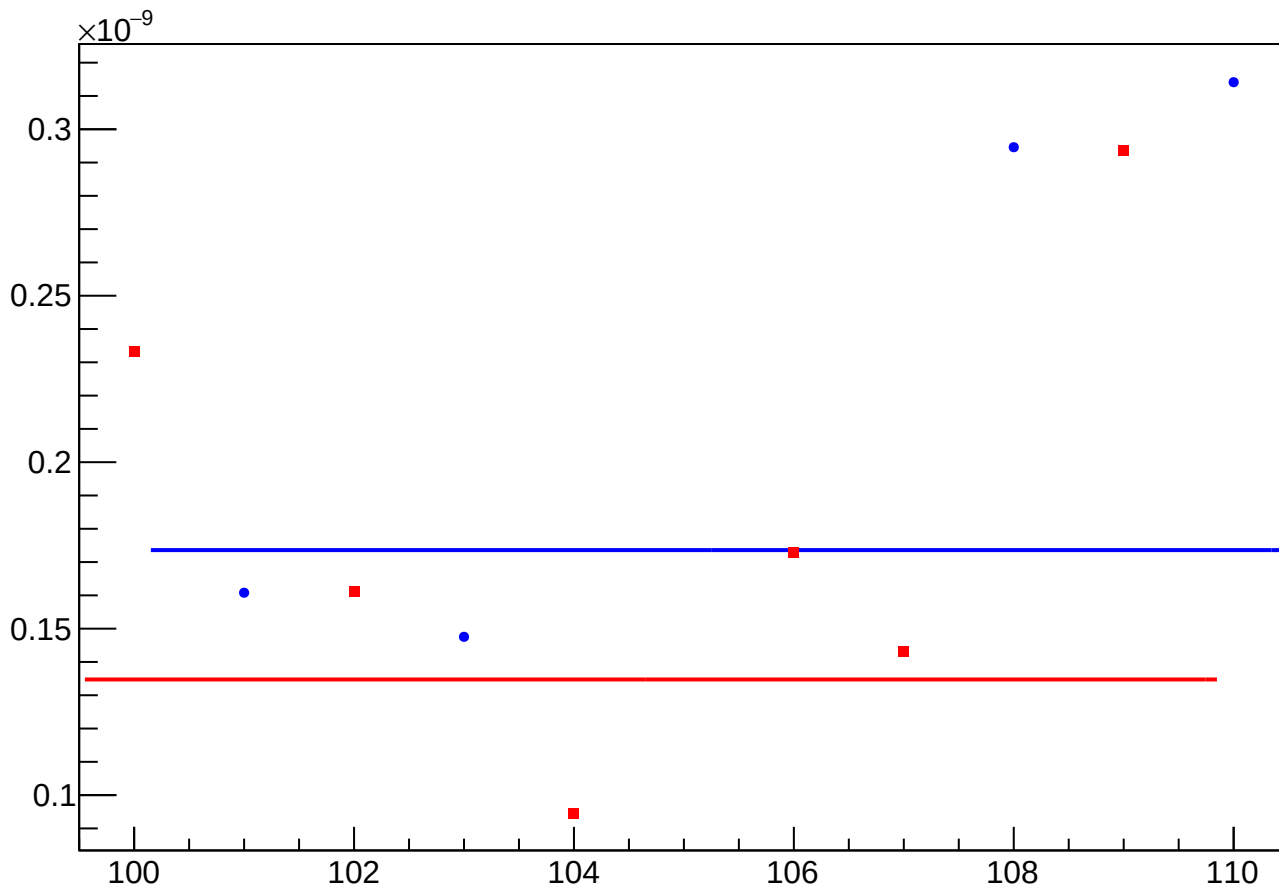
Right: 0.000+/-0.000 χ^2/NDF : 3.9/9

In: 0.000+/-0.000 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.9/9

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 207200.6/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 368486.3/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

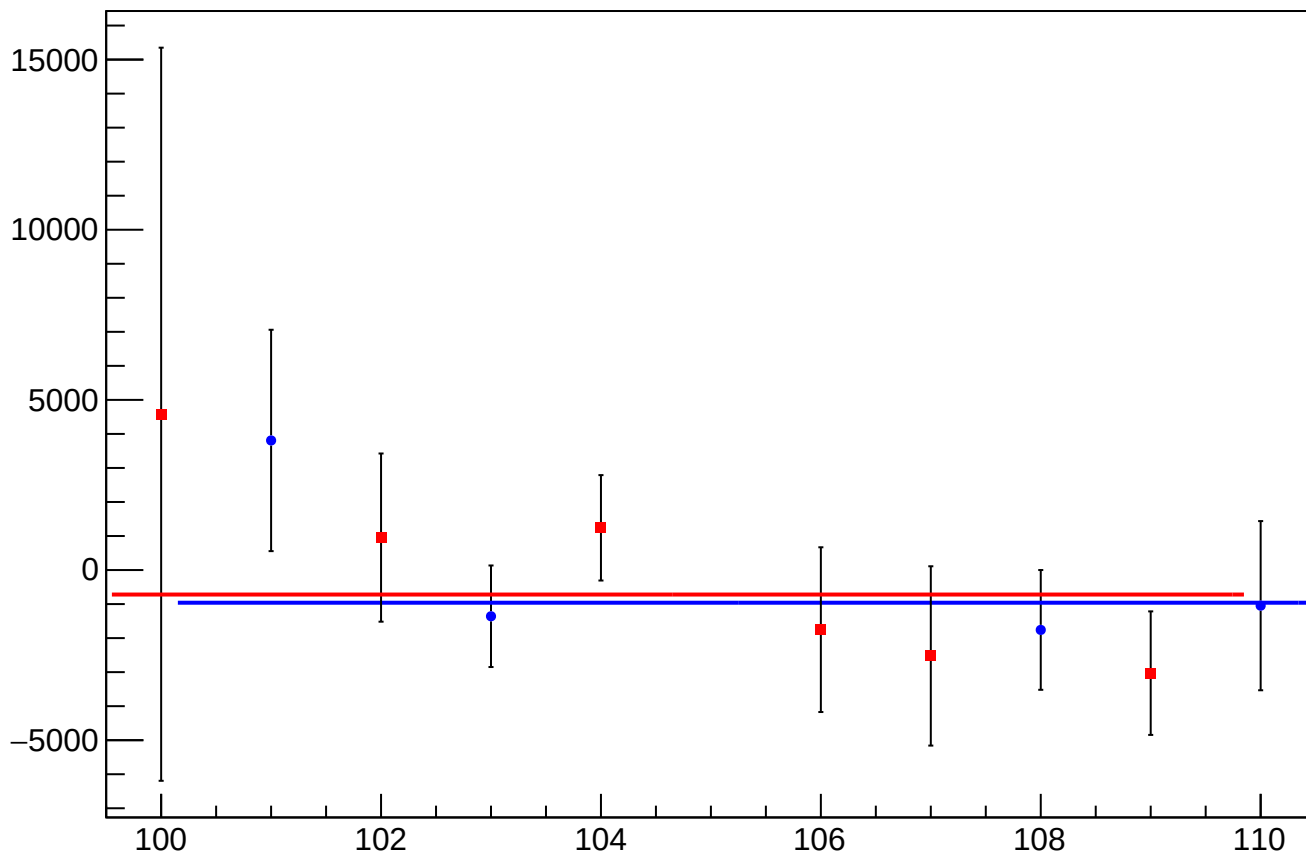
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 649855.4/9$

In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 207200.6/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.000 ± 0.000 $\chi^2/\text{NDF}: 649855.4/9$

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -960.141+/-986.041 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -719.693+/-910.012 χ^2/NDF : 4.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

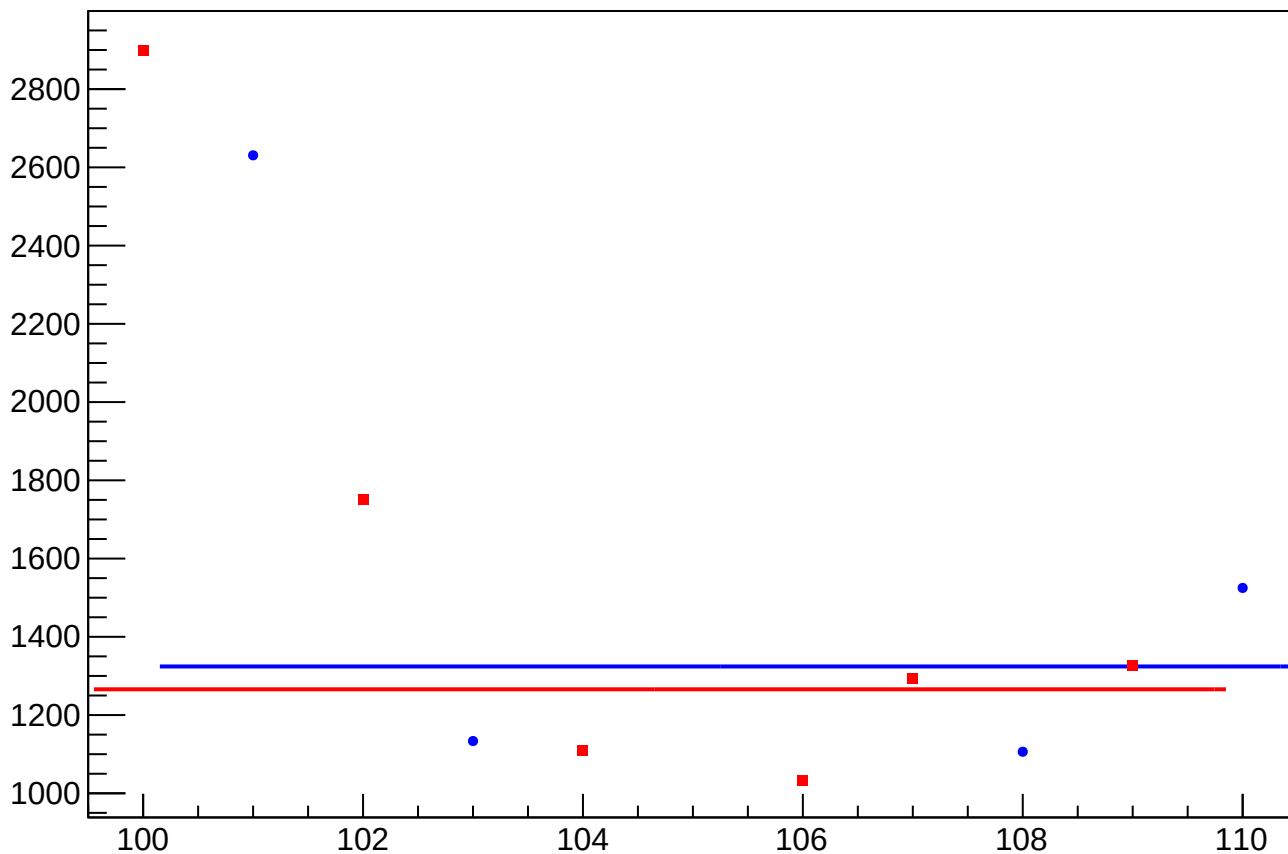
Right: -830.291+/-668.741 χ^2/NDF : 7.0/9

In: -960.141+/-986.041 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -830.291+/-668.741 χ^2/NDF : 7.0/9

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1324.227+/-0.697 χ^2/NDF : 399144.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.844+/-0.631 χ^2/NDF : 169693.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

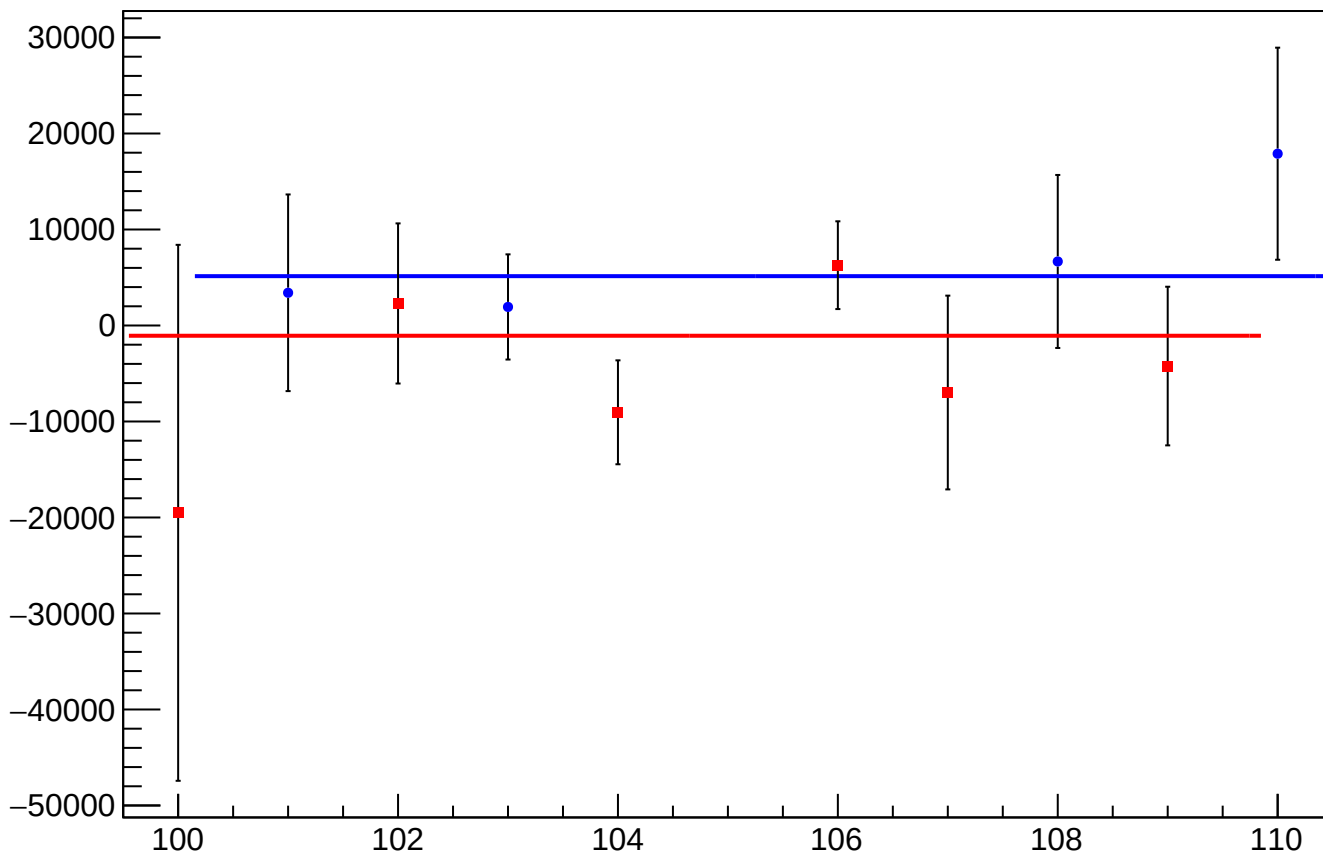
Right: 1292.114+/-0.468 χ^2/NDF : 572694.5/9

In: 1324.227+/-0.697 χ^2/NDF : 399144.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.114+/-0.468 χ^2/NDF : 572694.5/9

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 5139.516+/-3972.725 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1068.463+/-2861.739 χ^2/NDF : 5.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

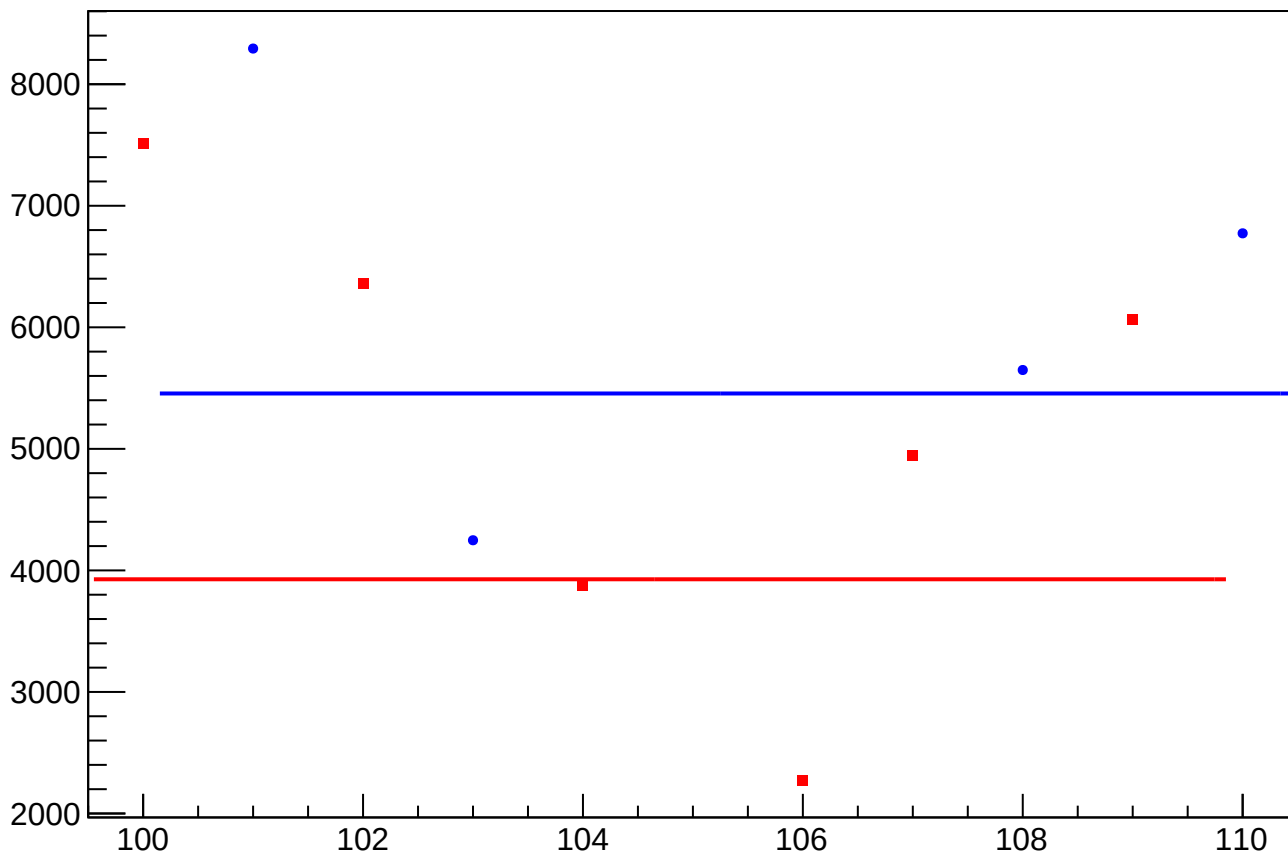
Right: 1052.359+/-2322.018 χ^2/NDF : 9.2/9

In: 5139.516+/-3972.725 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1052.359+/-2322.018 χ^2/NDF : 9.2/9

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5455.578+/-2.809 χ^2/NDF : 280087.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3926.952+/-2.024 χ^2/NDF : 618738.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

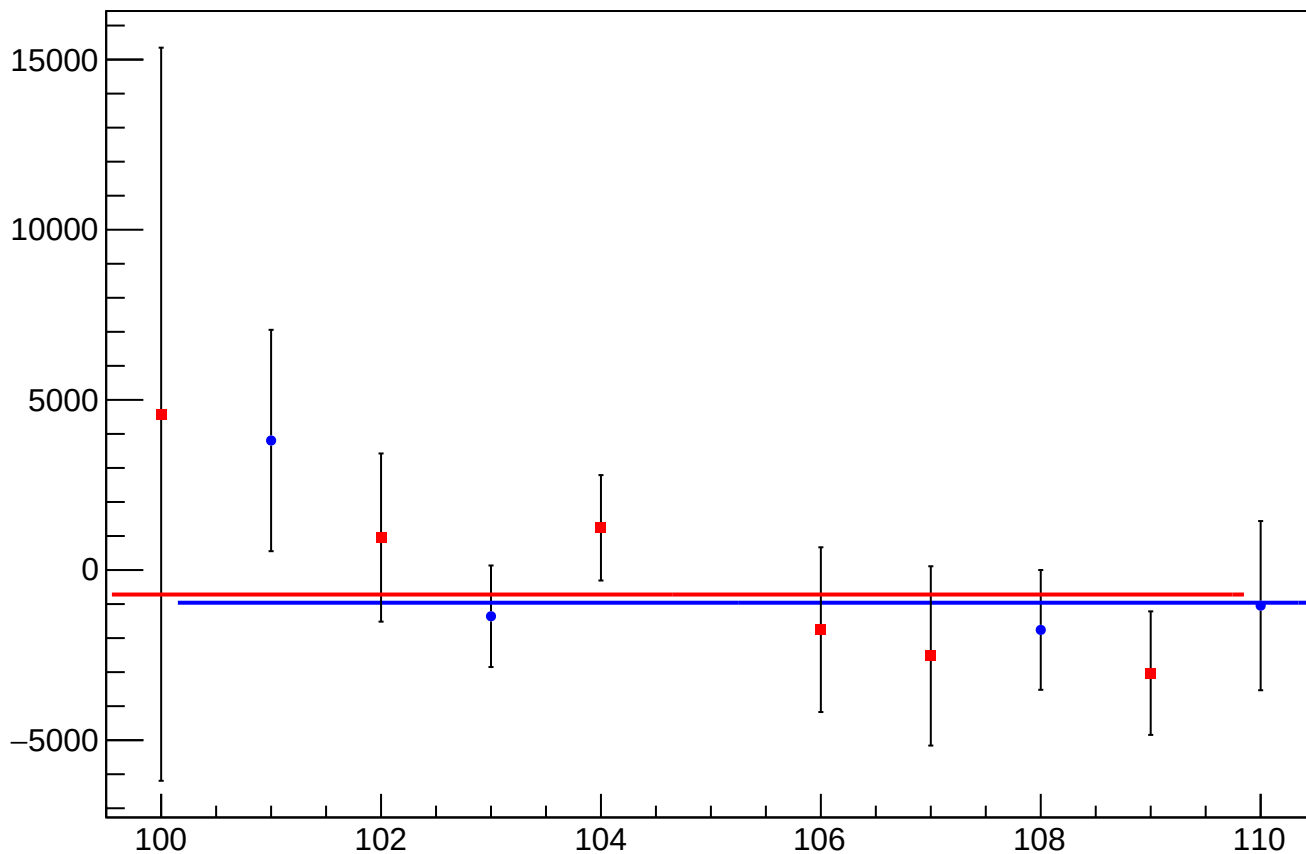
Right: 4449.174+/-1.642 χ^2/NDF : 1093777.4/9

In: 5455.578+/-2.809 χ^2/NDF : 280087.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4449.174+/-1.642 χ^2/NDF : 1093777.4/9

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -960.240+/-986.041 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -719.495+/-910.012 χ^2/NDF : 4.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

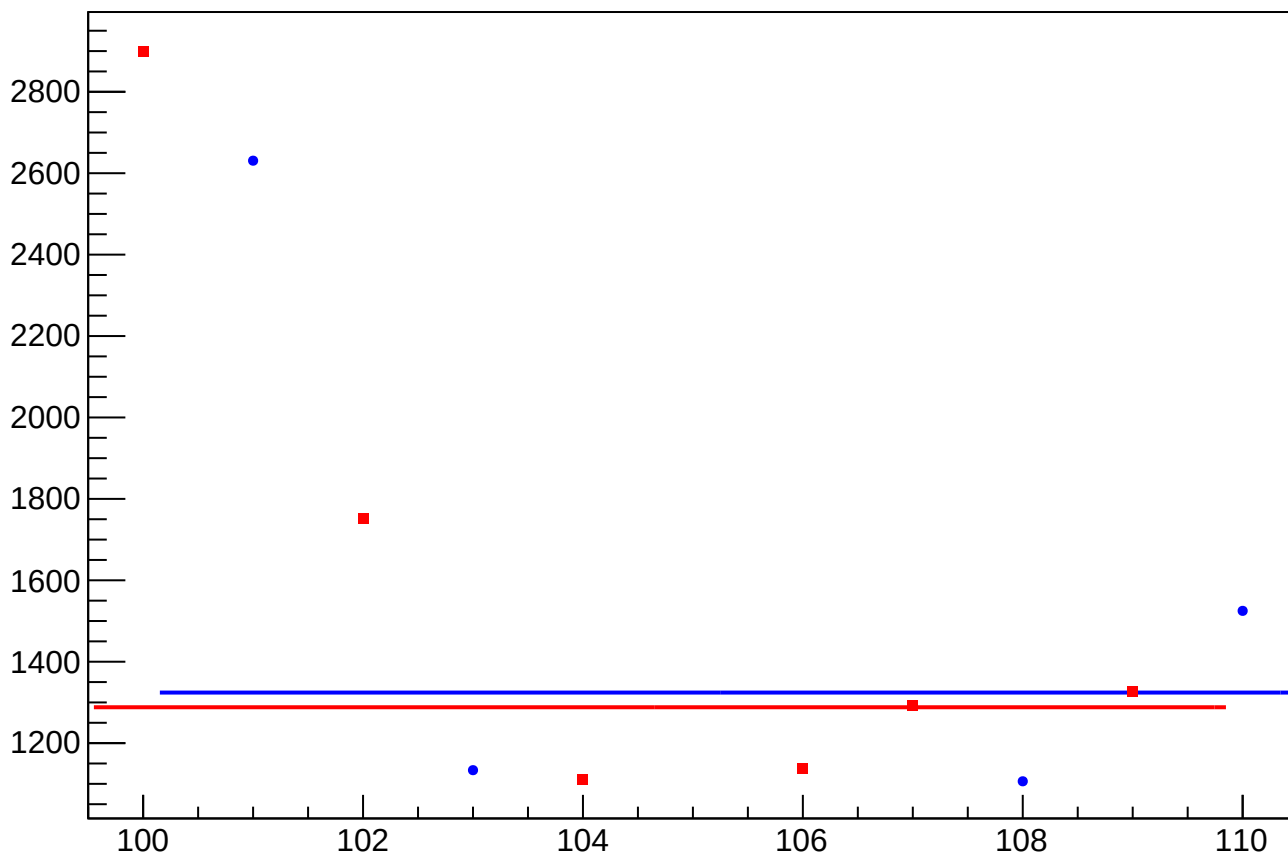
Right: -830.229+/-668.741 χ^2/NDF : 7.0/9

In: -960.240+/-986.041 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -830.229+/-668.741 χ^2/NDF : 7.0/9

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1324.227+/-0.697 χ^2/NDF : 399144.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.141+/-0.639 χ^2/NDF : 150844.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

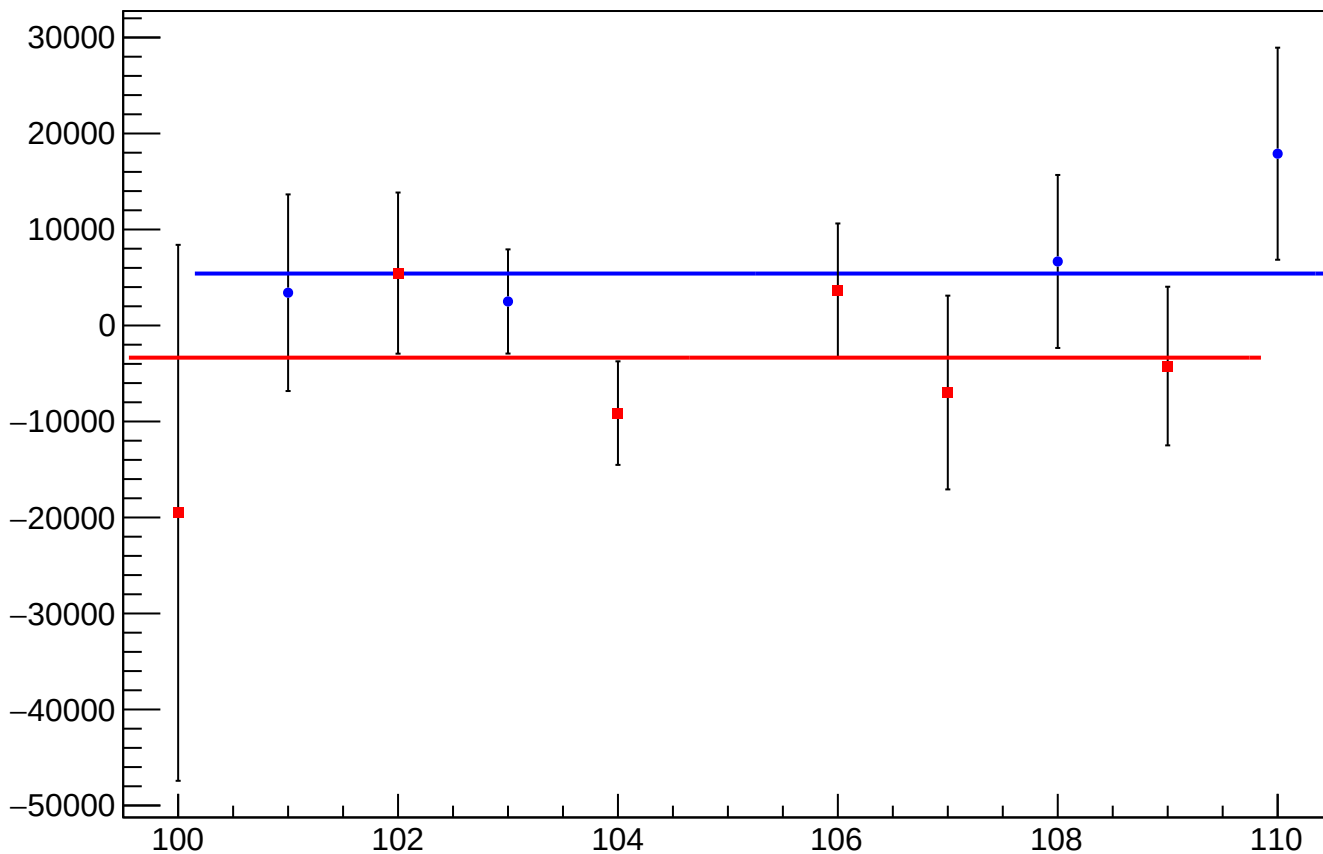
Right: 1304.627+/-0.471 χ^2/NDF : 551443.3/9

In: 1324.227+/-0.697 χ^2/NDF : 399144.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.627+/-0.471 χ^2/NDF : 551443.3/9

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 5411.086+/-3952.582 χ^2/NDF : 1.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3349.577+/-3248.553 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

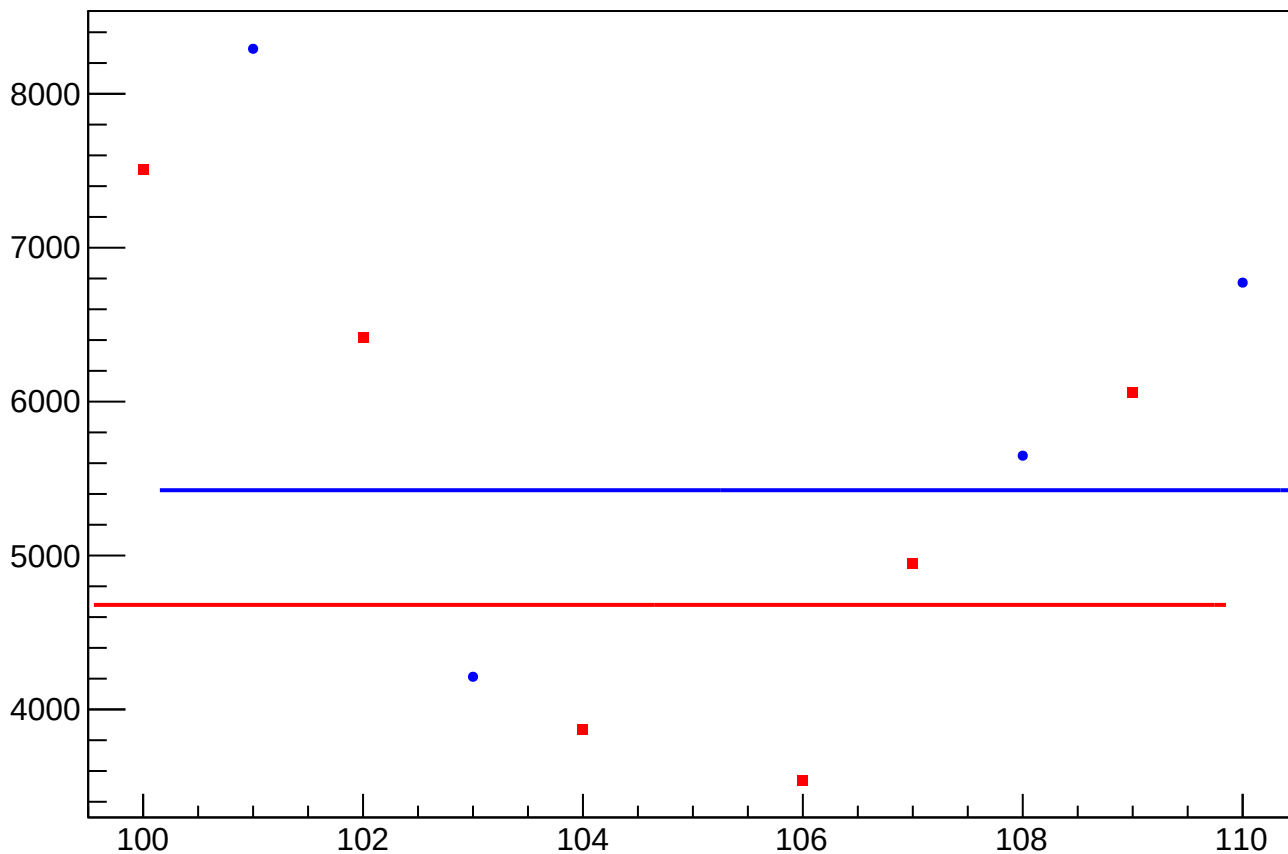
Right: 182.365+/-2509.685 χ^2/NDF : 8.3/9

In: 5411.086+/-3952.582 χ^2/NDF : 1.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.365+/-2509.685 χ^2/NDF : 8.3/9

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5424.372+/-2.795 χ^2/NDF : 287738.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4679.256+/-2.297 χ^2/NDF : 261858.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

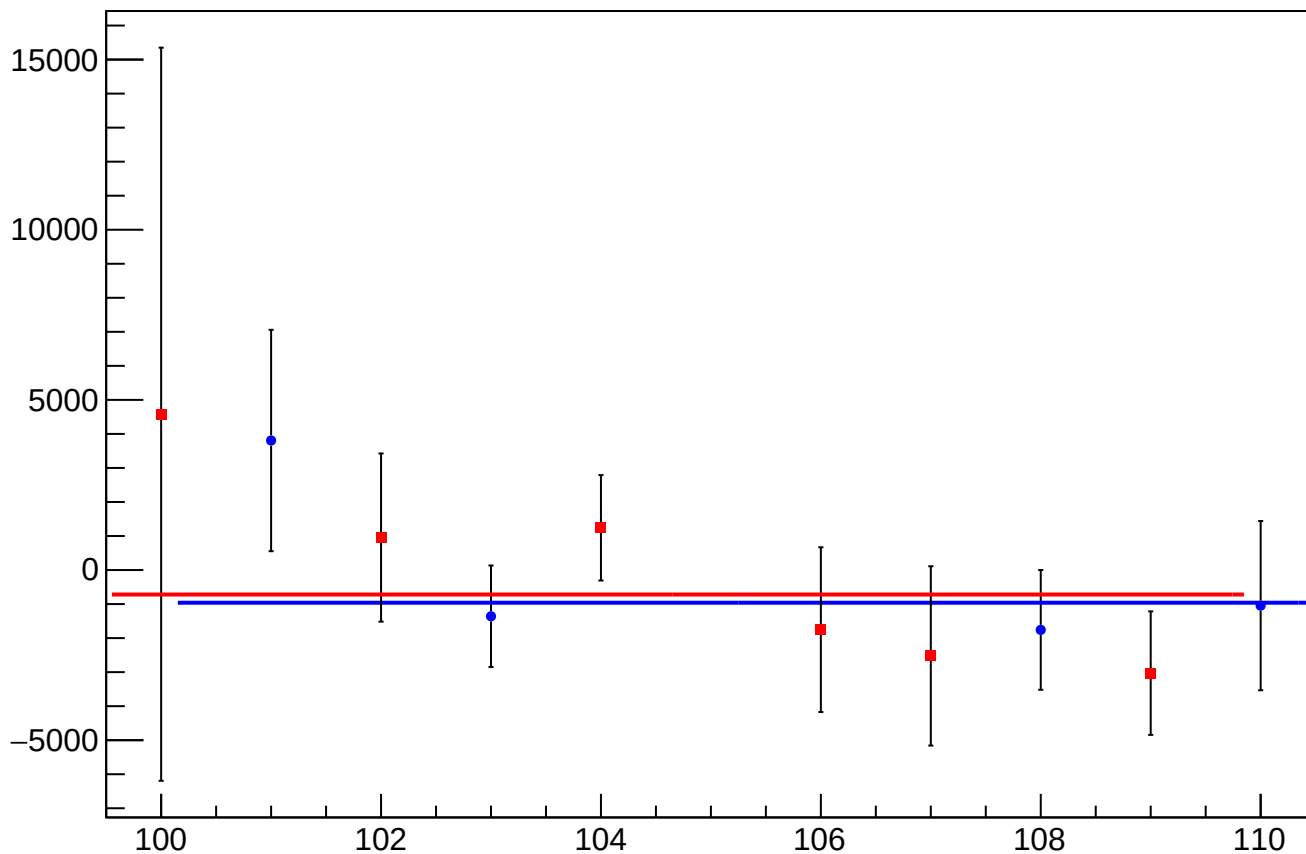
Right: 4979.657+/-1.775 χ^2/NDF : 592016.5/9

In: 5424.372+/-2.795 χ^2/NDF : 287738.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4979.657+/-1.775 χ^2/NDF : 592016.5/9

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -960.240+/-986.041 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -719.495+/-910.012 χ^2/NDF : 4.6/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

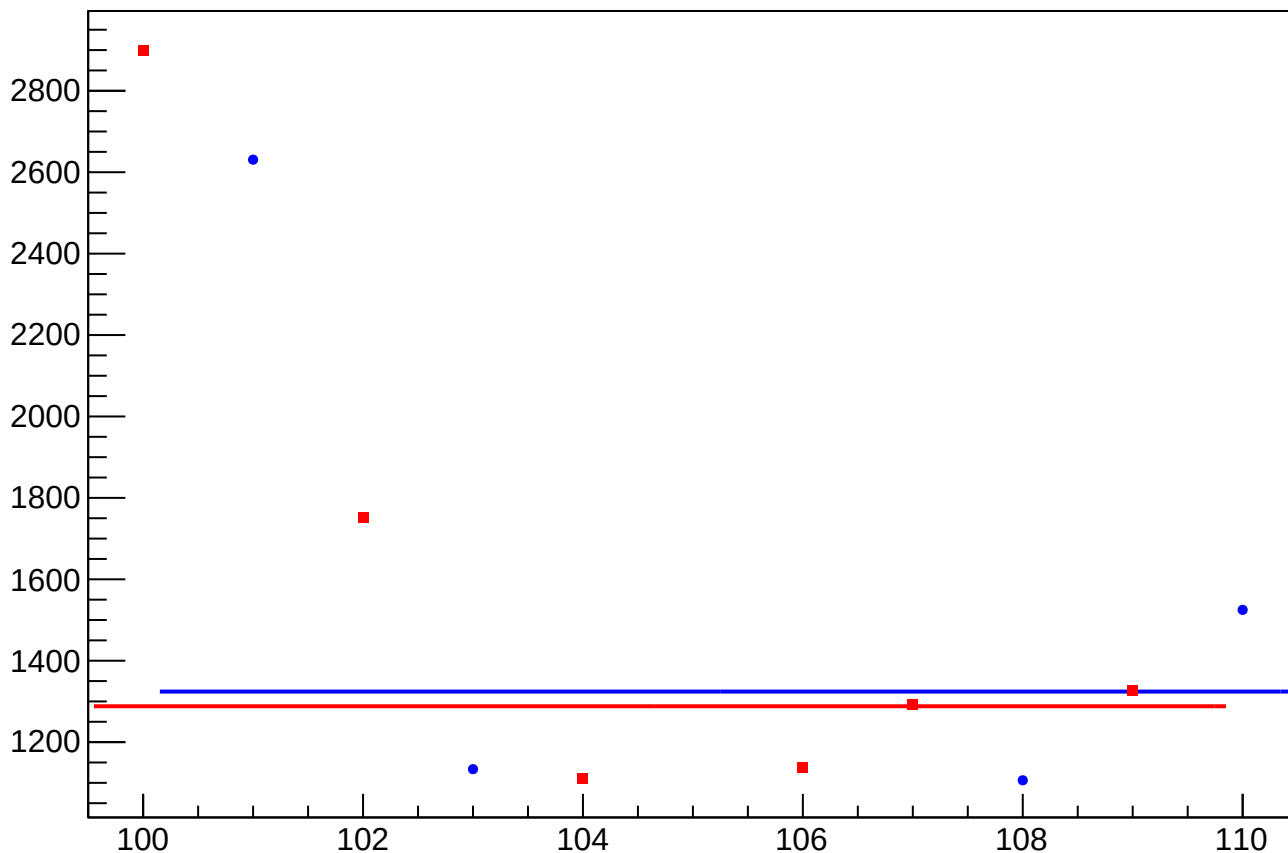
Right: -830.229+/-668.741 χ^2/NDF : 7.0/9

In: -960.240+/-986.041 χ^2/NDF :2.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -830.229+/-668.741 χ^2/NDF : 7.0/9

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1324.227+/-0.697 χ^2/NDF : 399144.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.141+/-0.639 χ^2/NDF : 150844.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

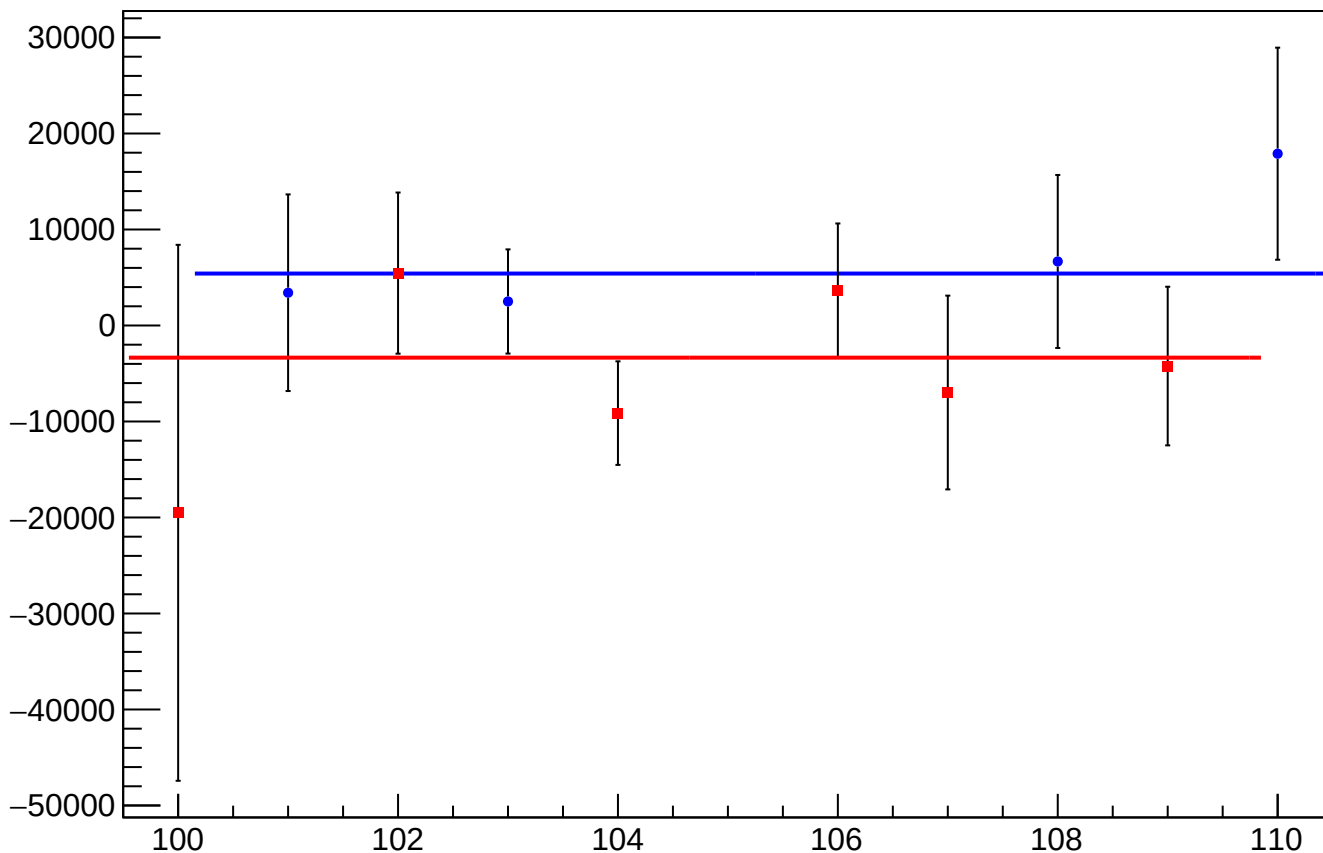
Right: 1304.627+/-0.471 χ^2/NDF : 551443.3/9

In: 1324.227+/-0.697 χ^2/NDF : 399144.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.627+/-0.471 χ^2/NDF : 551443.3/9

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 5411.086+/-3952.582 χ^2 /NDF: 1.6/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3349.577+/-3248.553 χ^2 /NDF: 3.7/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

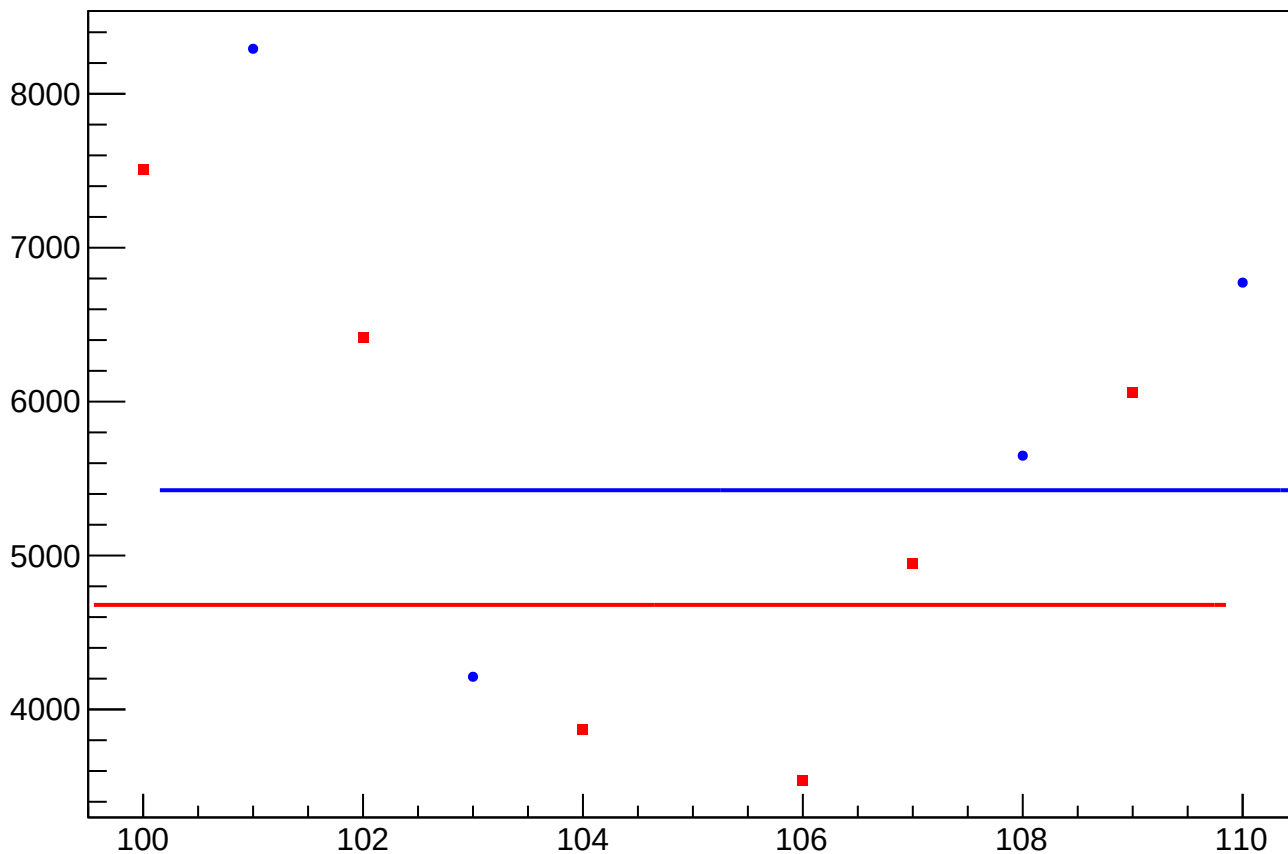
Right: 182.365+/-2509.685 χ^2 /NDF: 8.3/9

In: 5411.086+/-3952.582 χ^2 /NDF:1.6/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 182.365+/-2509.685 χ^2 /NDF: 8.3/9

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5424.372+/-2.795 χ^2/NDF : 287738.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4679.256+/-2.297 χ^2/NDF : 261858.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

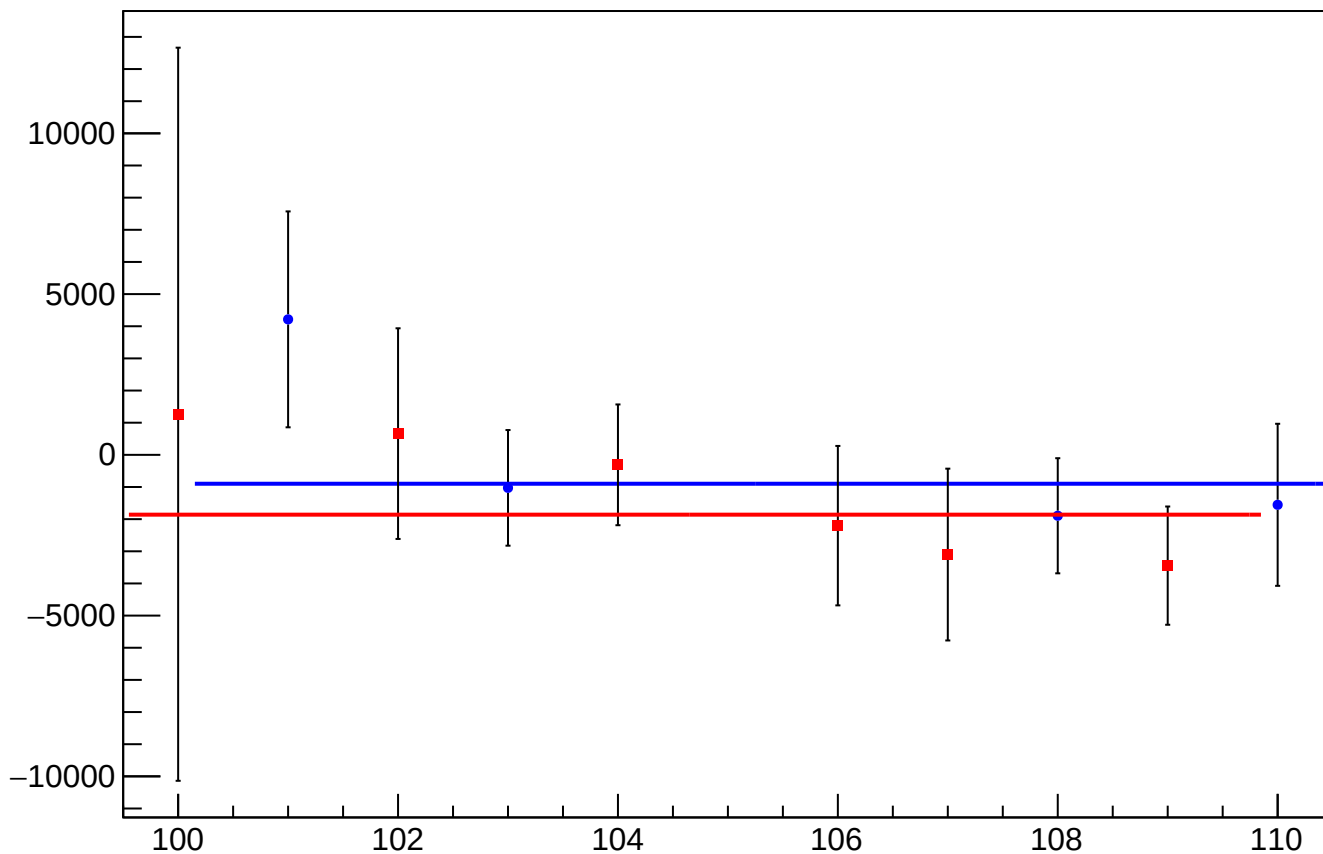
Right: 4979.657+/-1.775 χ^2/NDF : 592016.5/9

In: 5424.372+/-2.795 χ^2/NDF : 287738.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4979.657+/-1.775 χ^2/NDF : 592016.5/9

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -898.675+/-1073.814 χ^2/NDF : 2.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1860.473+/-1008.758 χ^2/NDF : 2.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

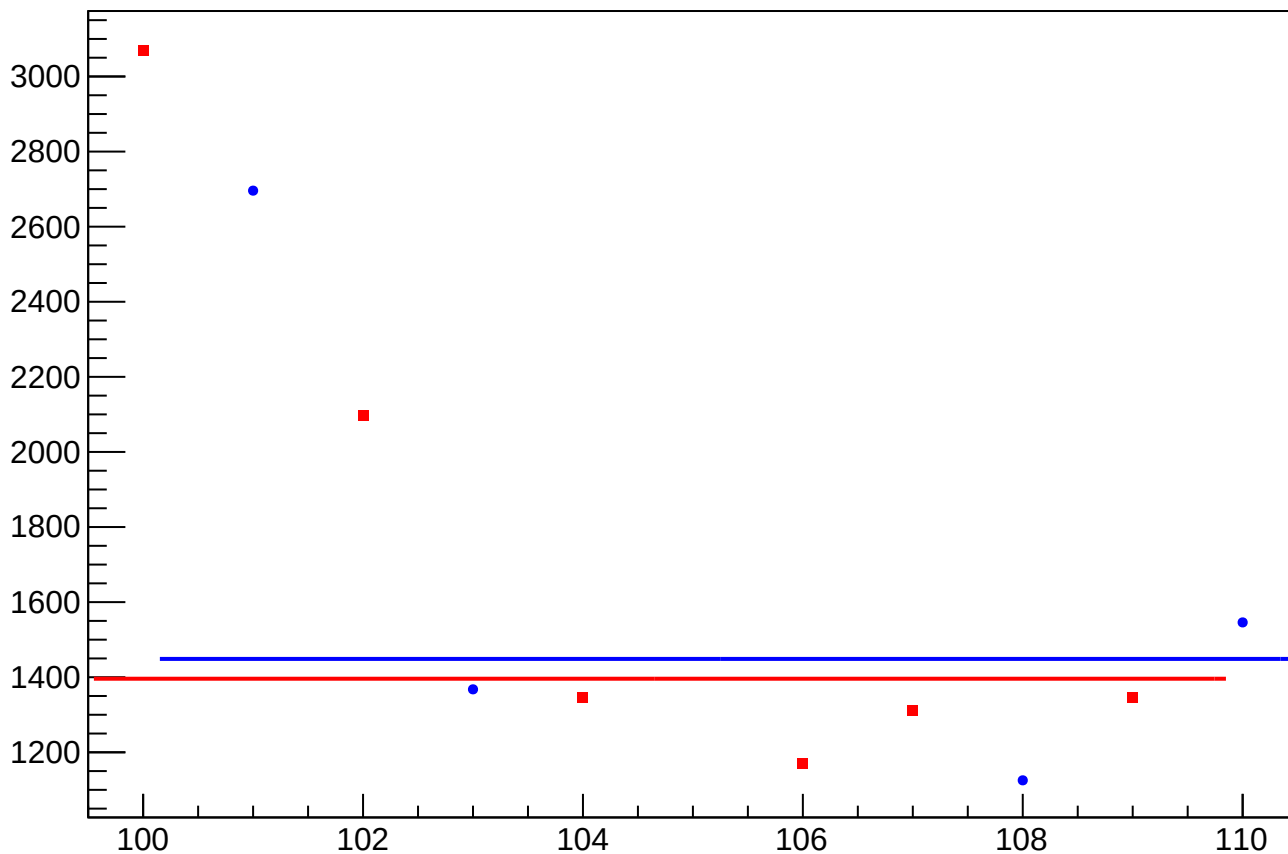
Right: -1409.590+/-735.223 χ^2/NDF : 5.5/9

In: -898.675+/-1073.814 χ^2/NDF : 2.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1409.590+/-735.223 χ^2/NDF : 5.5/9

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1448.748+/-0.759 χ^2/NDF : 348208.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1395.990+/-0.713 χ^2/NDF : 156088.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

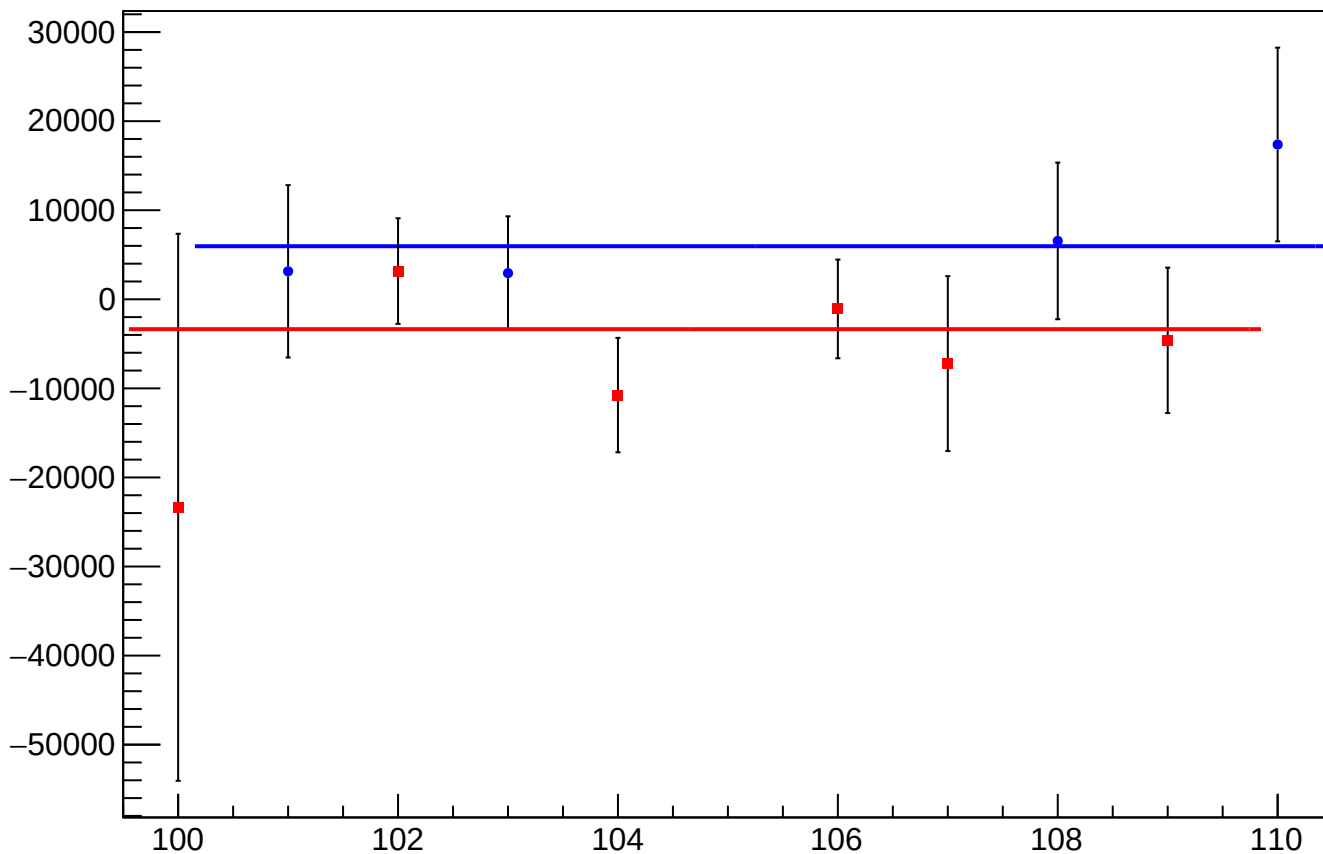
Right: 1420.699+/-0.520 χ^2/NDF : 506863.0/9

In: 1448.748+/-0.759 χ^2/NDF : 348208.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1420.699+/-0.520 χ^2/NDF : 506863.0/9

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 5958.606+/-4200.549 χ^2/NDF : 1.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3352.466+/-2992.156 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

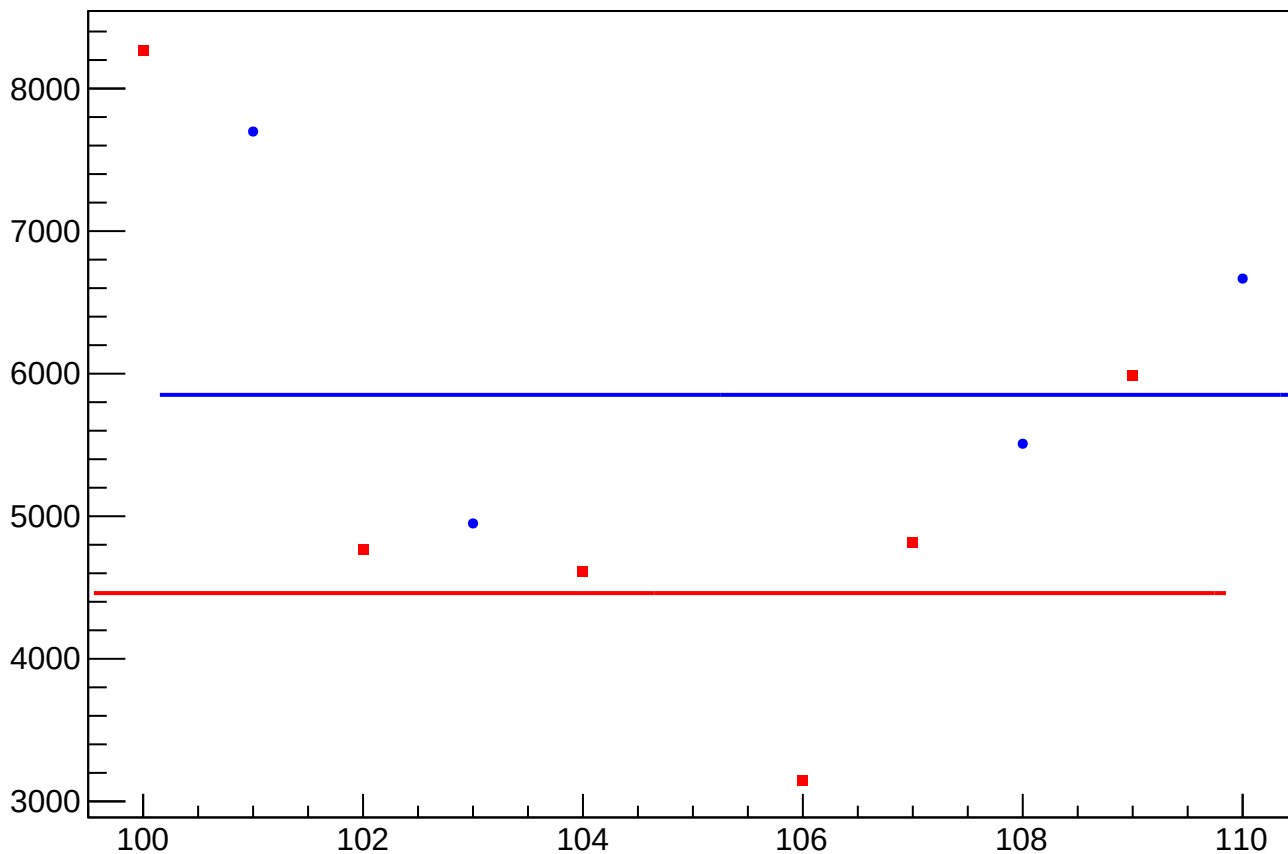
Right: -218.275+/-2437.075 χ^2/NDF : 8.0/9

In: 5958.606+/-4200.549 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.275+/-2437.075 χ^2/NDF : 8.0/9

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5851.540+/-2.970 χ^2/NDF : 127184.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4461.029+/-2.116 χ^2/NDF : 221513.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

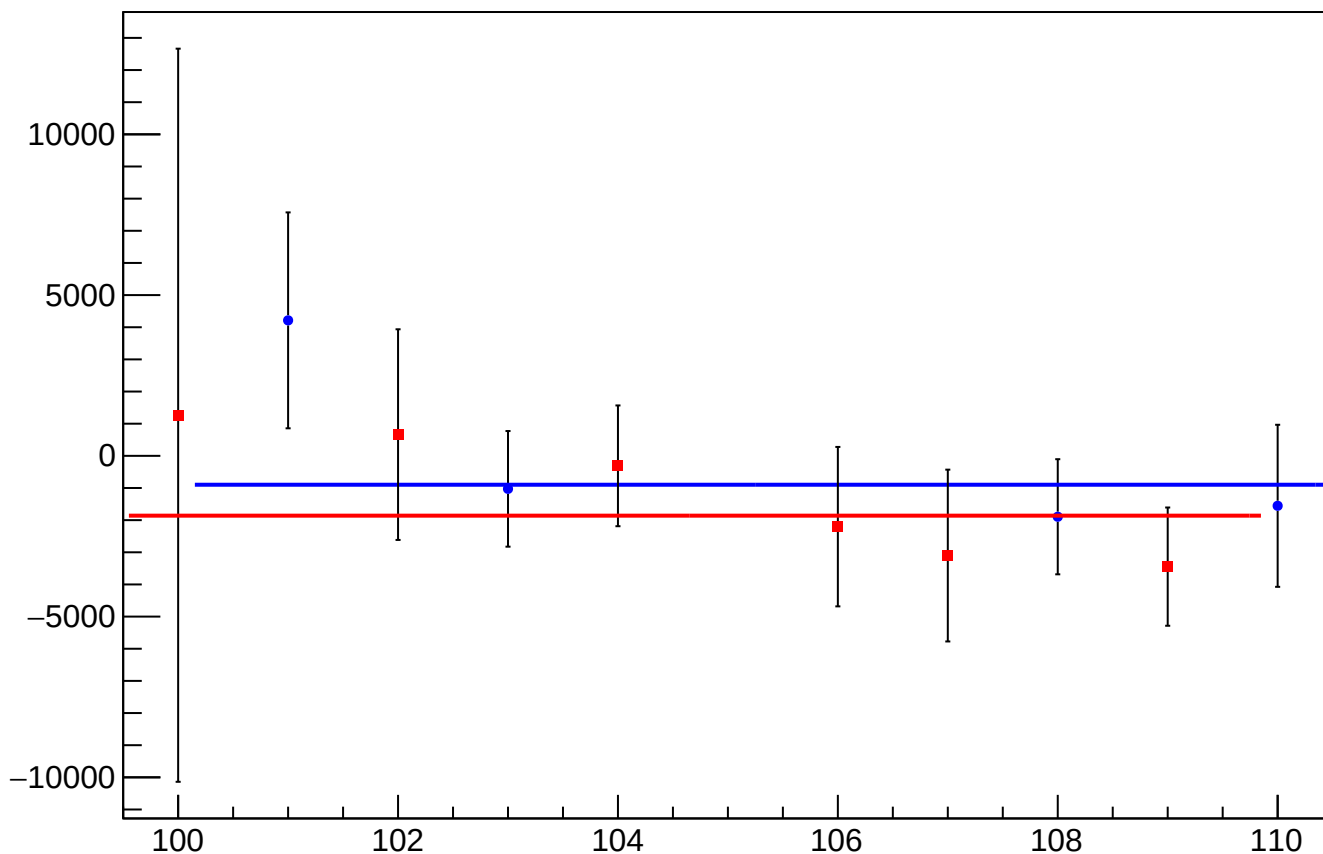
Right: 4929.088+/-1.723 χ^2/NDF : 494089.2/9

In: 5851.540+/-2.970 χ^2/NDF : 127184.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4929.088+/-1.723 χ^2/NDF : 494089.2/9

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -898.683+/-1073.815 χ^2/NDF : 2.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1860.486+/-1008.758 χ^2/NDF : 2.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

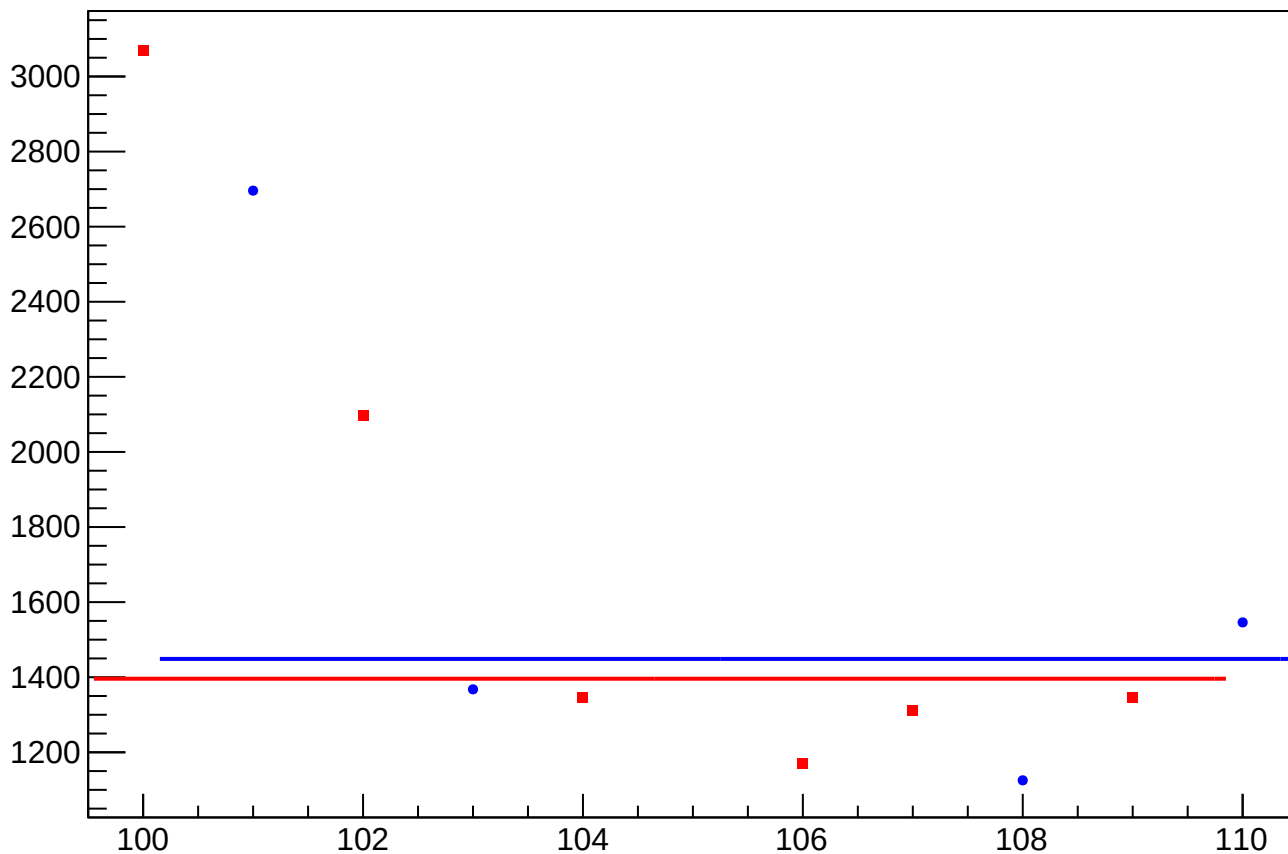
Right: -1409.601+/-735.224 χ^2/NDF : 5.5/9

In: -898.683+/-1073.815 χ^2/NDF : 2.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1409.601+/-735.224 χ^2/NDF : 5.5/9

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1448.749+/-0.759 χ^2/NDF : 348207.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1395.991+/-0.713 χ^2/NDF : 156088.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

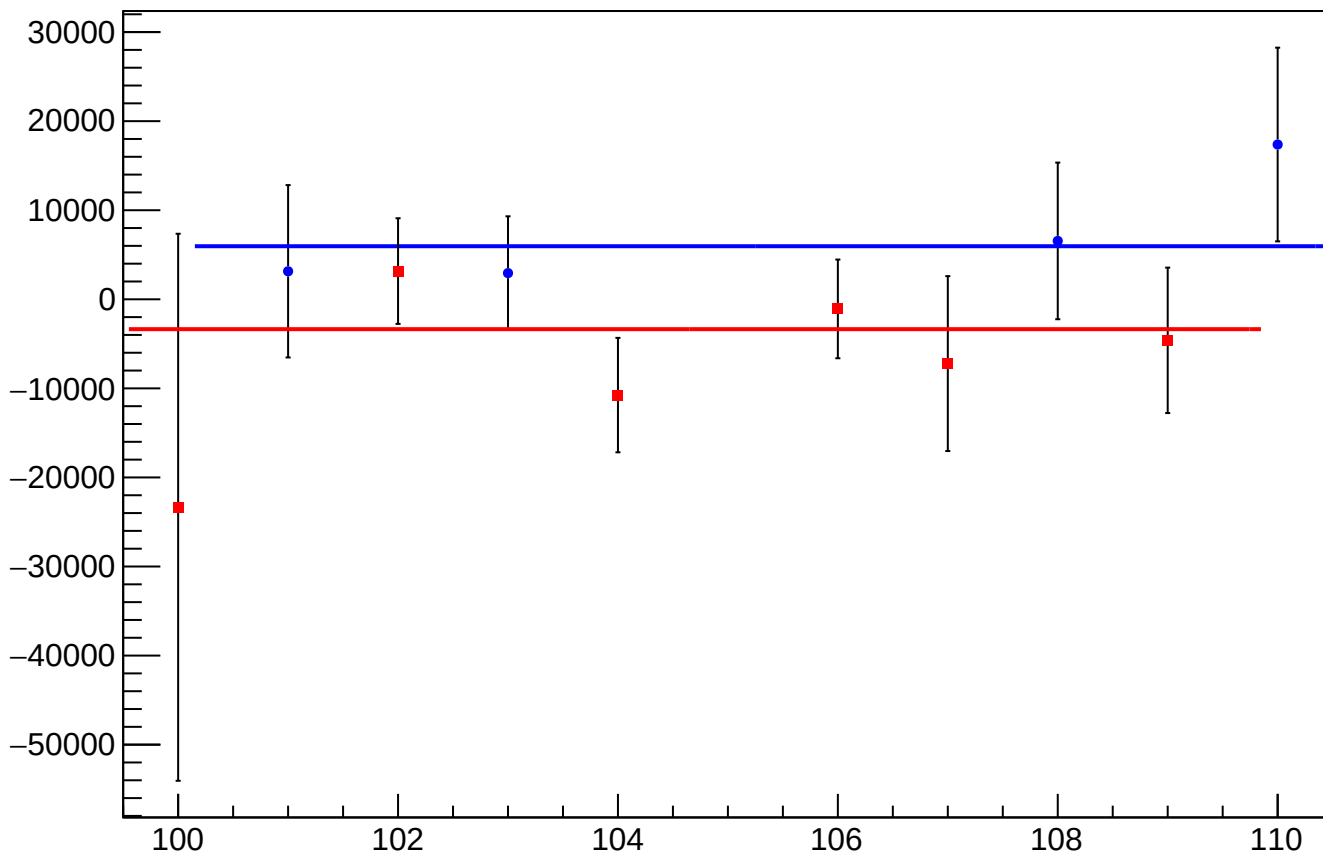
Right: 1420.700+/-0.520 χ^2/NDF : 506863.0/9

In: 1448.749+/-0.759 χ^2/NDF : 348207.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1420.700+/-0.520 χ^2/NDF : 506863.0/9

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 5958.609+/-4200.547 χ^2/NDF : 1.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3352.479+/-2992.152 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

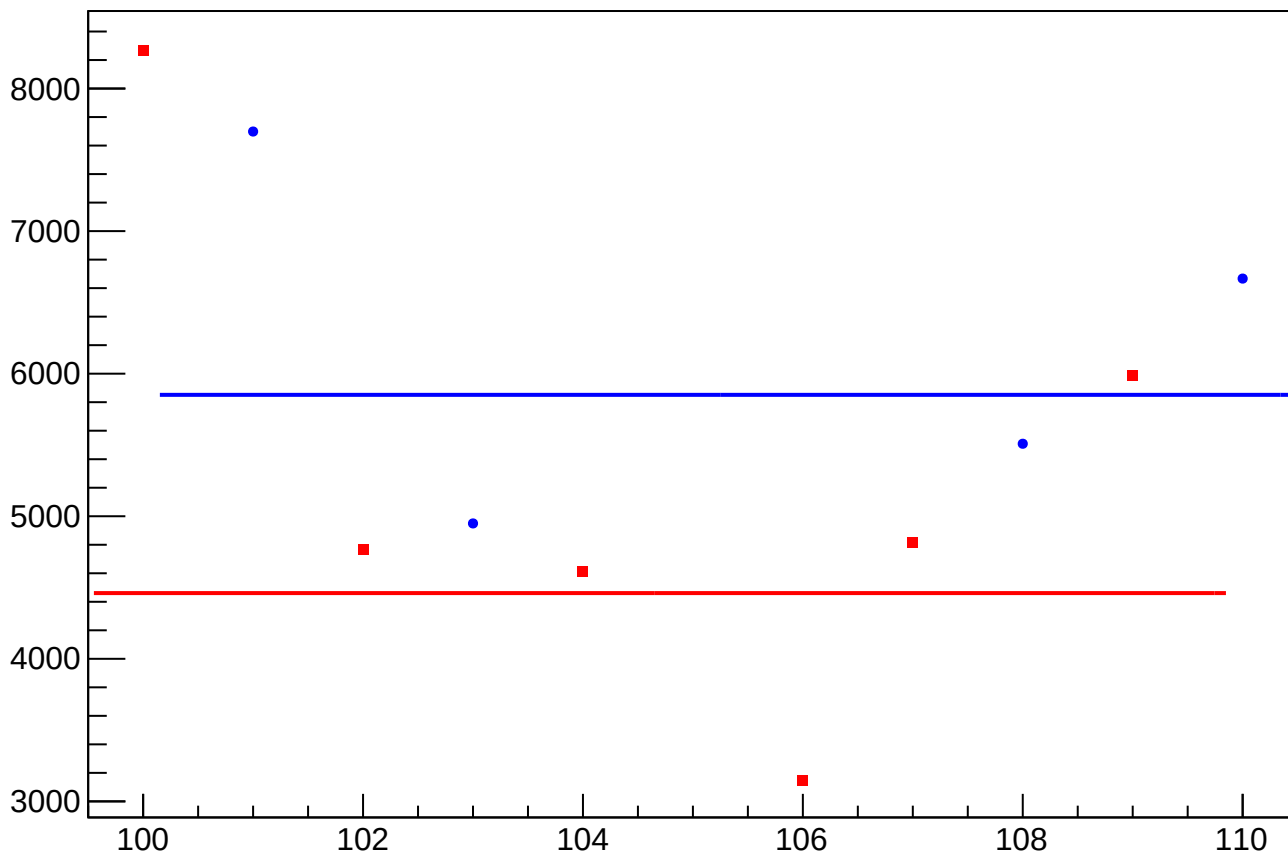
Right: -218.285+/-2437.073 χ^2/NDF : 8.0/9

In: 5958.609+/-4200.547 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.285+/-2437.073 χ^2/NDF : 8.0/9

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5851.538+/-2.970 χ^2/NDF : 127183.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4461.022+/-2.116 χ^2/NDF : 221516.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

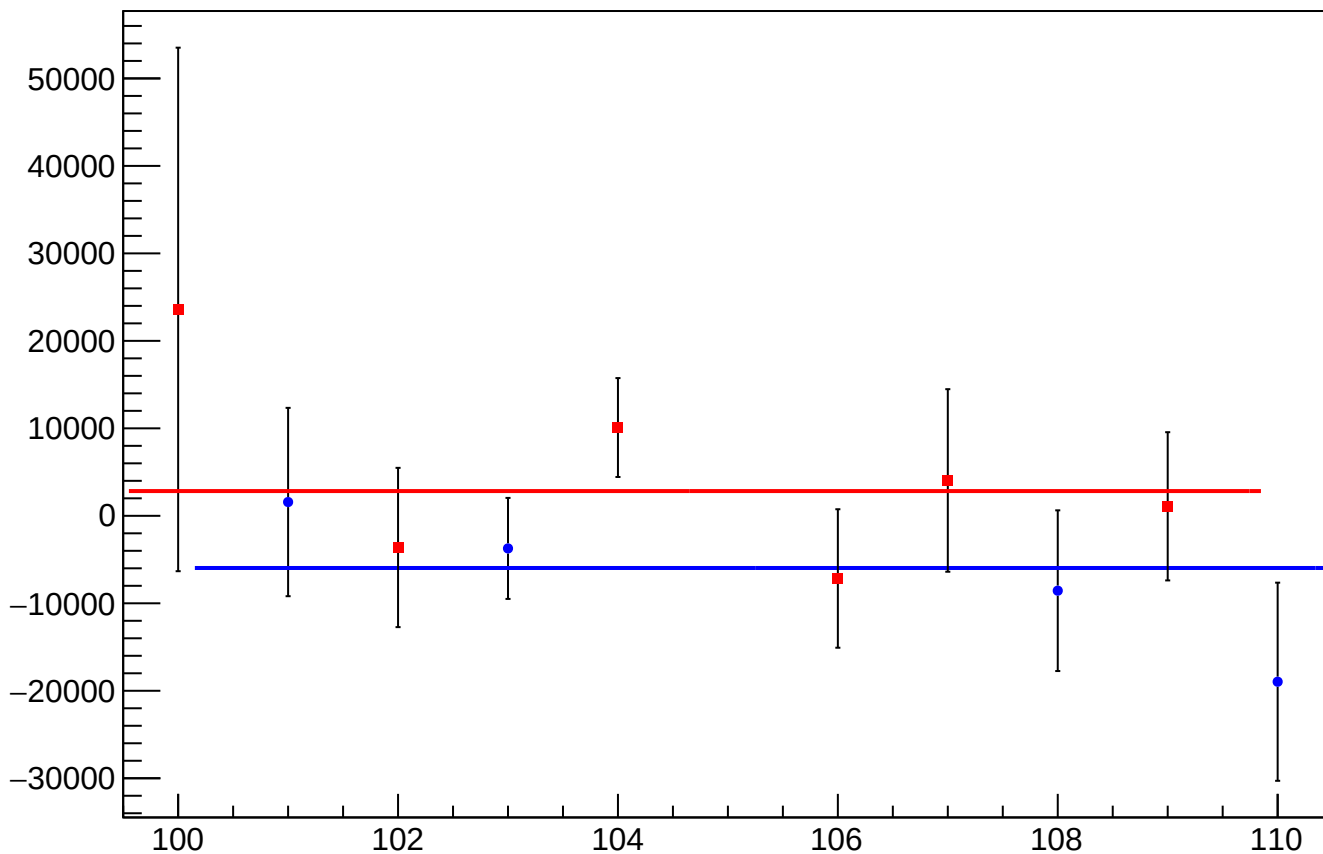
Right: 4929.082+/-1.723 χ^2/NDF : 494091.6/9

In: 5851.538+/-2.970 χ^2/NDF : 127183.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4929.082+/-1.723 χ^2/NDF : 494091.6/9

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -5963.004+/-4142.323 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2829.503+/-3459.617 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

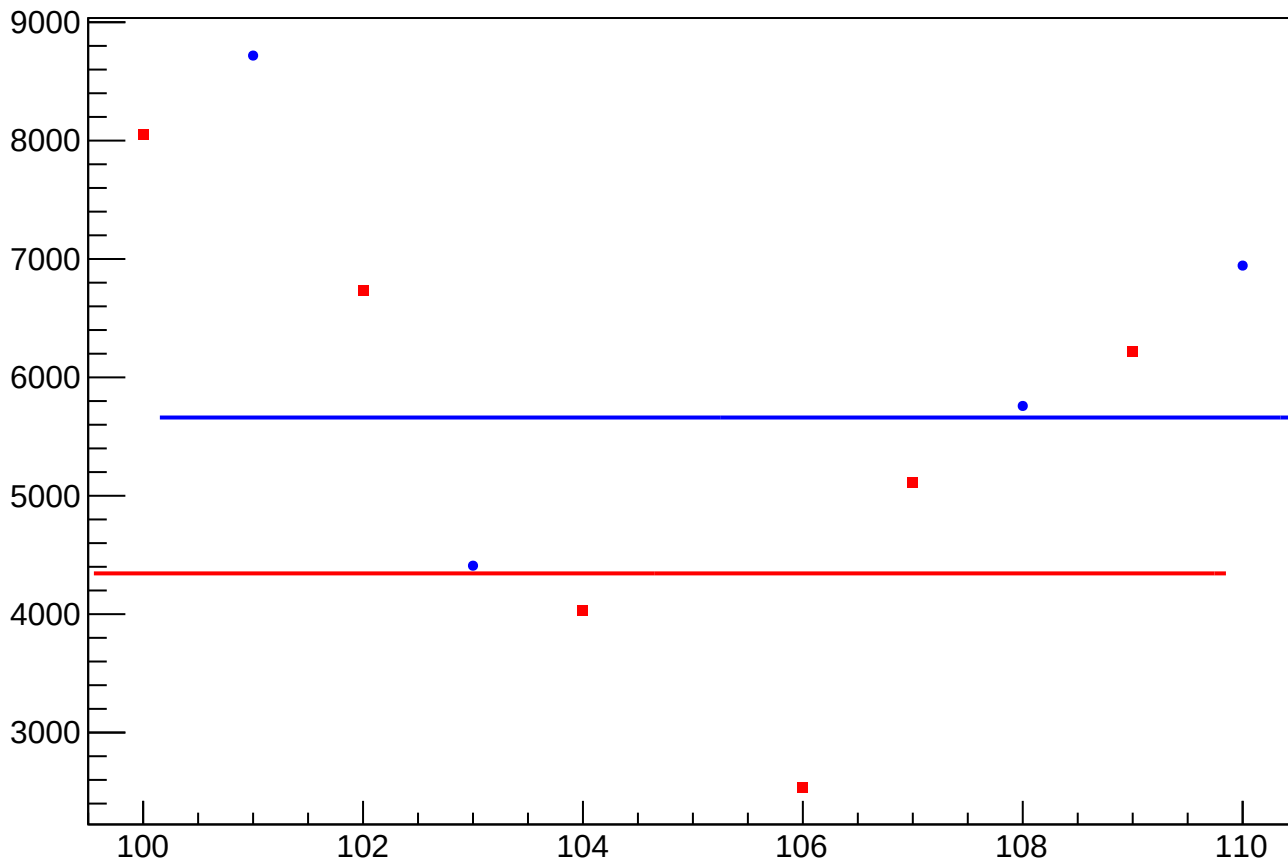
Right: -783.441+/-2655.328 χ^2/NDF : 9.0/9

In: -5963.004+/-4142.323 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -783.441+/-2655.328 χ^2/NDF : 9.0/9

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5661.009+/-2.929 χ^2/NDF : 281203.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4344.337+/-2.249 χ^2/NDF : 486799.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

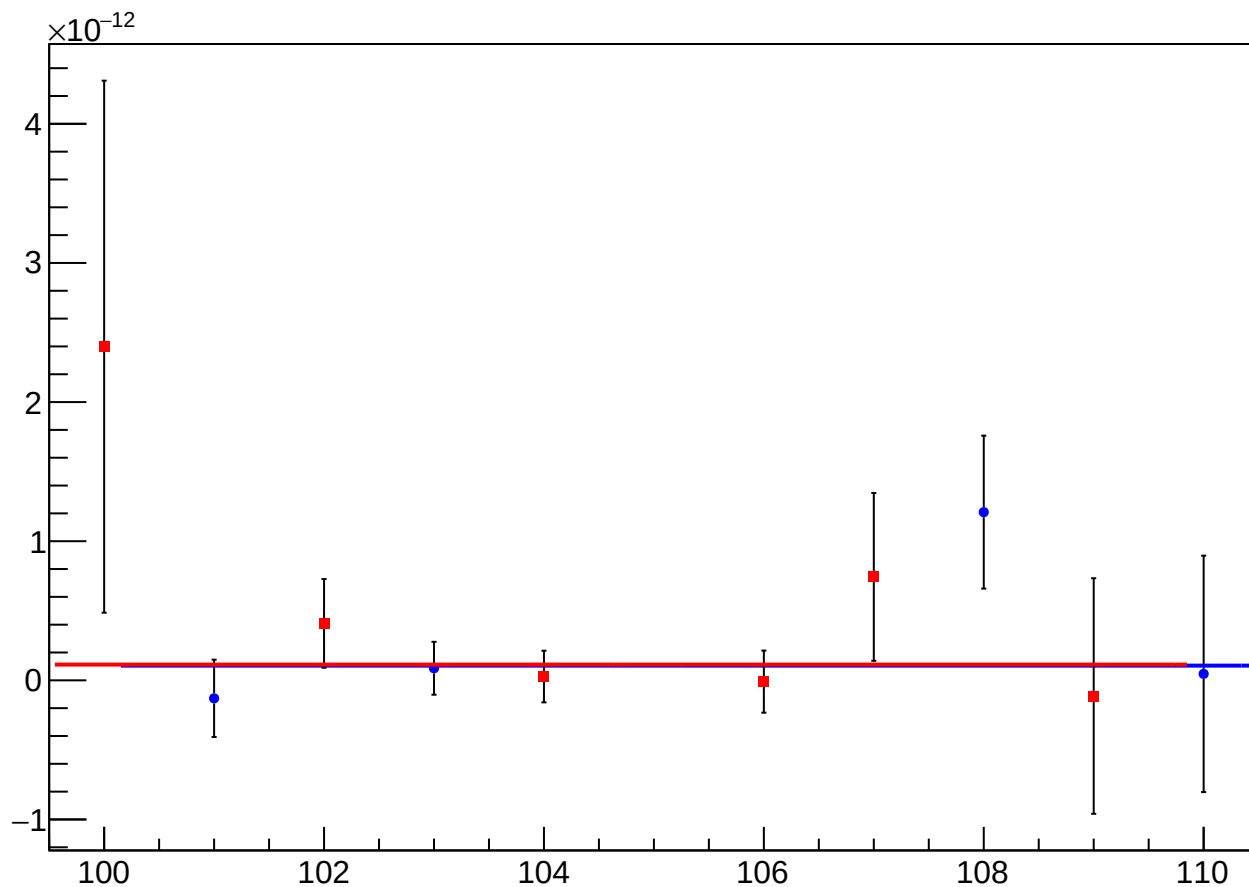
Right: 4832.779+/-1.784 χ^2/NDF : 895114.5/9

In: 5661.009+/-2.929 χ^2/NDF : 281203.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4832.779+/-1.784 χ^2/NDF : 895114.5/9

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

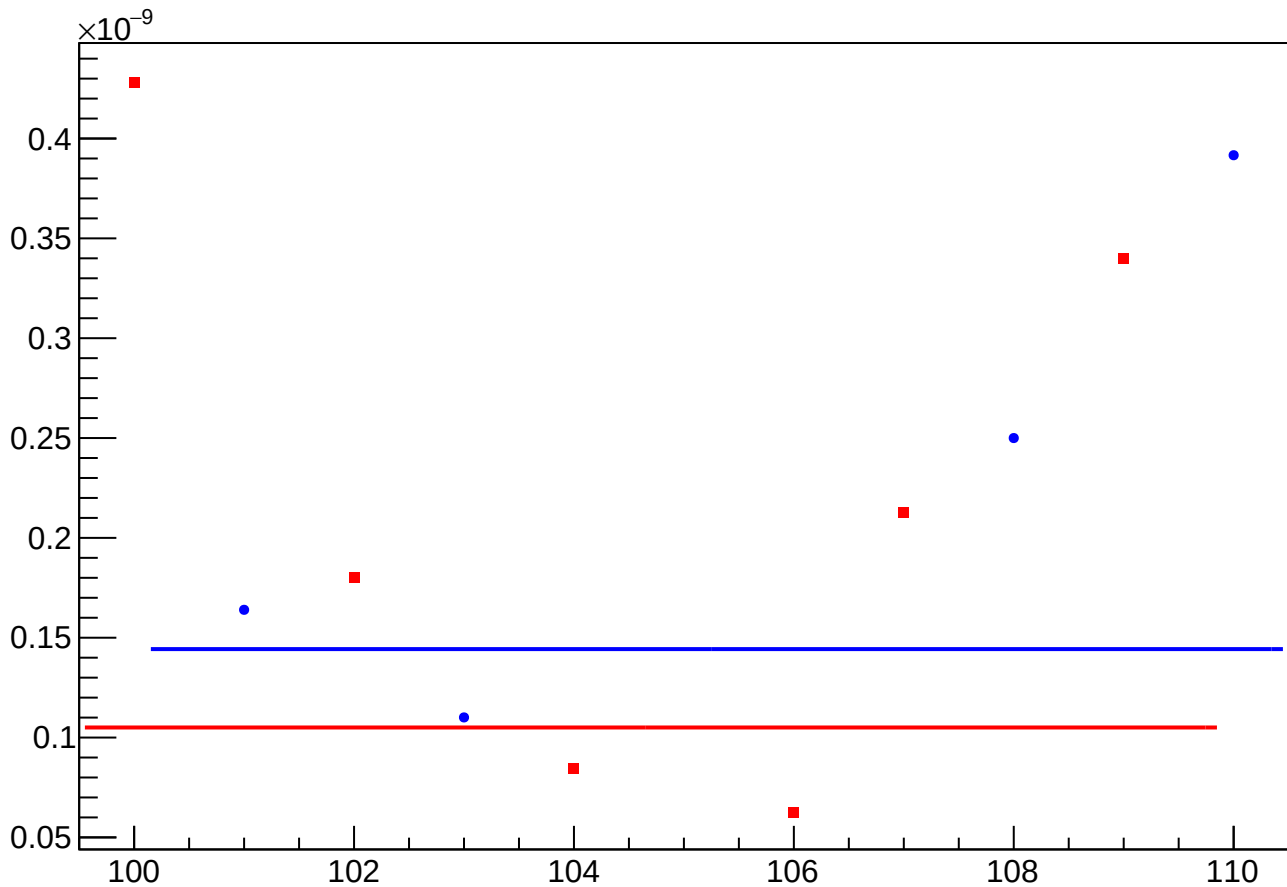
Right: 0.000+/-0.000 χ^2/NDF : 8.7/9

In: 0.000+/-0.000 χ^2/NDF : 4.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.7/9

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 318199.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 484061.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

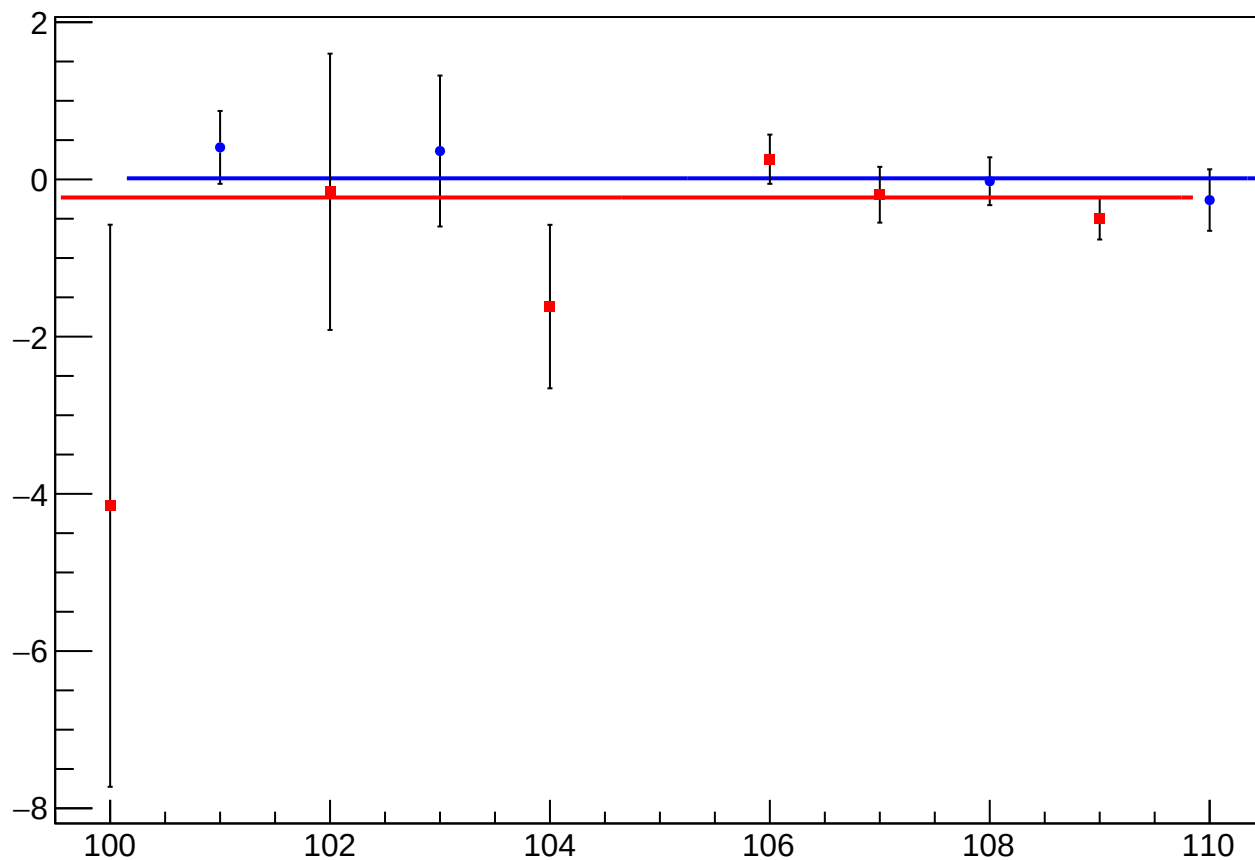
Right: 0.000+/-0.000 χ^2/NDF : 883697.6/9

In: 0.000+/-0.000 χ^2/NDF : 318199.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 883697.6/9

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.208 χ^2 /NDF: 1.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.230 $\pm$ 0.173 χ^2 /NDF: 6.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

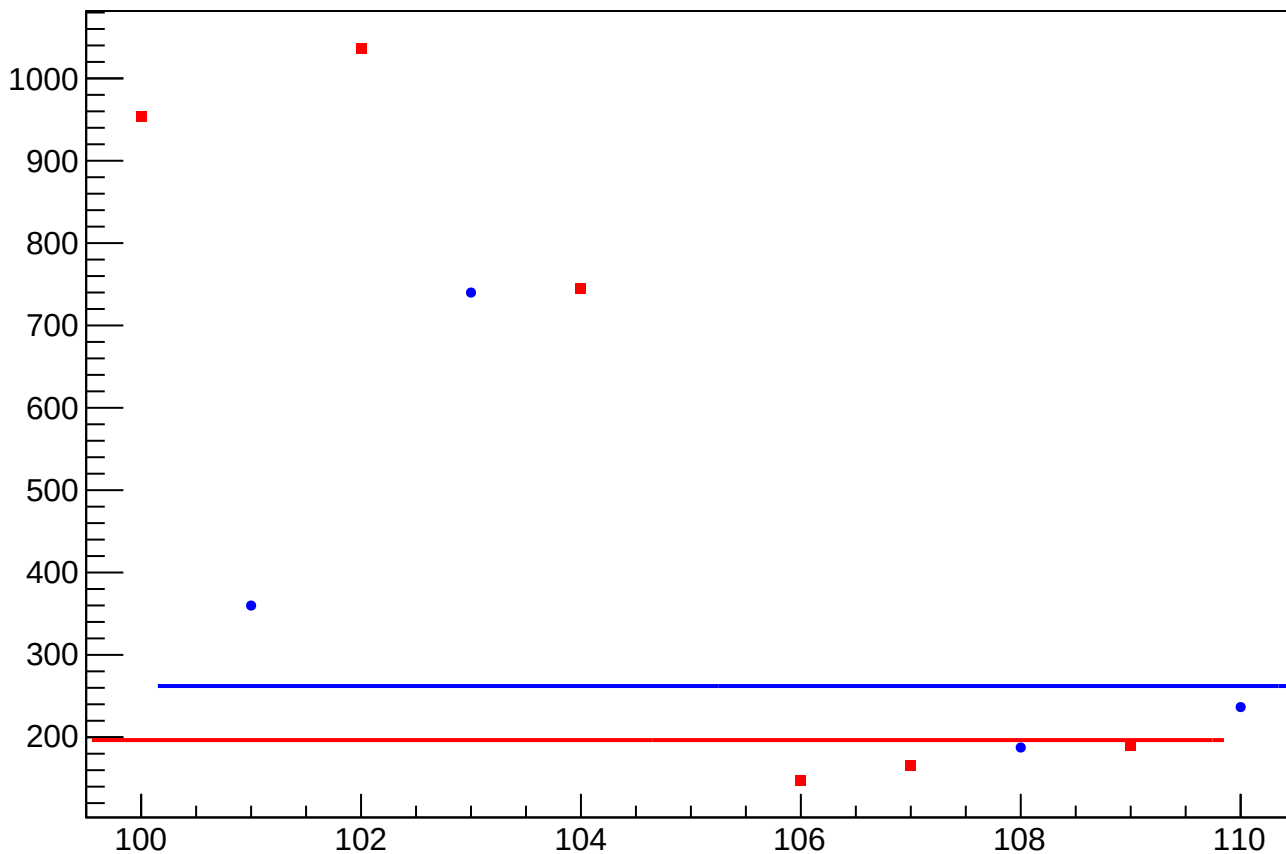
Right: -0.130 $\pm$ 0.133 χ^2 /NDF: 8.6/9

In: 0.014 $\pm$ 0.208 χ^2 /NDF: 1.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.130 $\pm$ 0.133 χ^2 /NDF: 8.6/9

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 262.172+/-0.147 χ^2/NDF : 713335.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.519+/-0.123 χ^2/NDF : 1167110.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

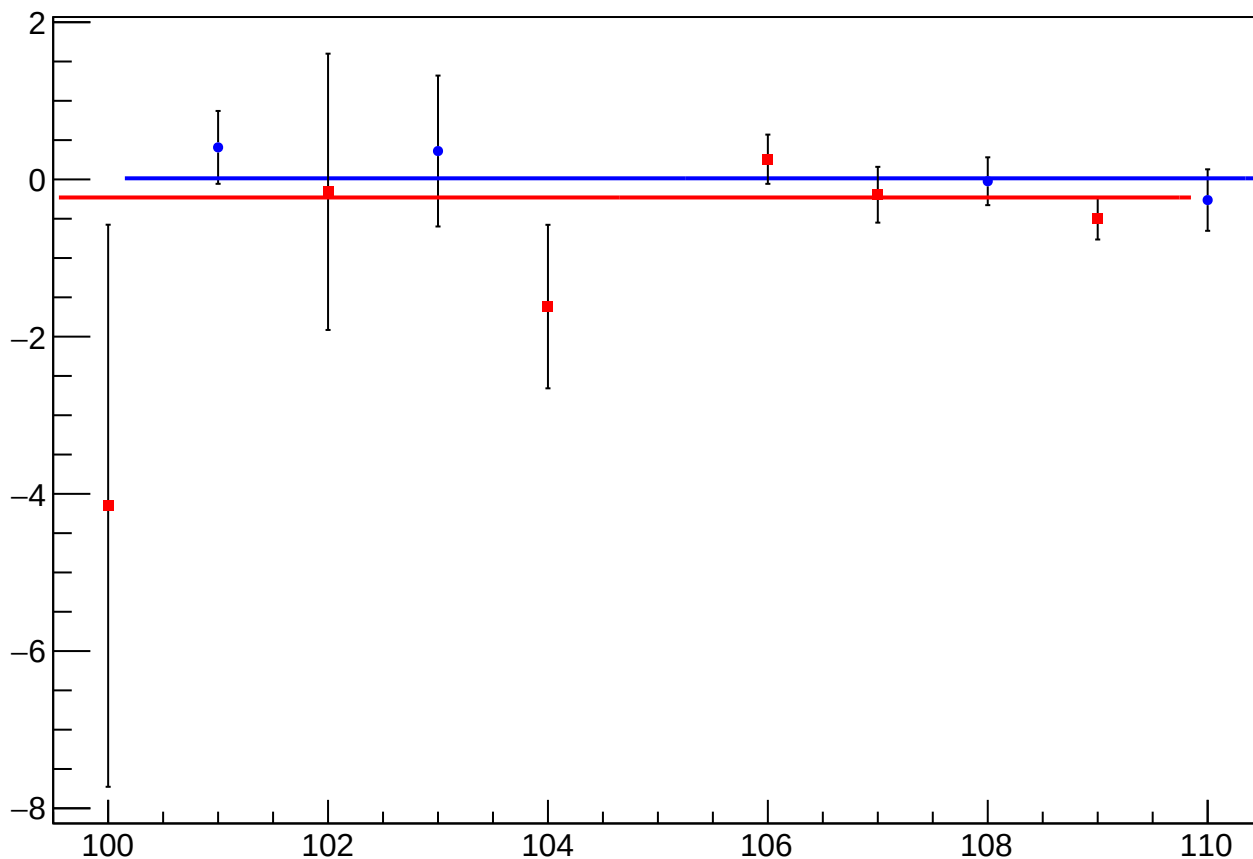
Right: 223.390+/-0.094 χ^2/NDF : 1997961.1/9

In: 262.172+/-0.147 χ^2/NDF : 713335.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.390+/-0.094 χ^2/NDF : 1997961.1/9

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.208 χ^2 /NDF: 1.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.230 $\pm$ 0.173 χ^2 /NDF: 6.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

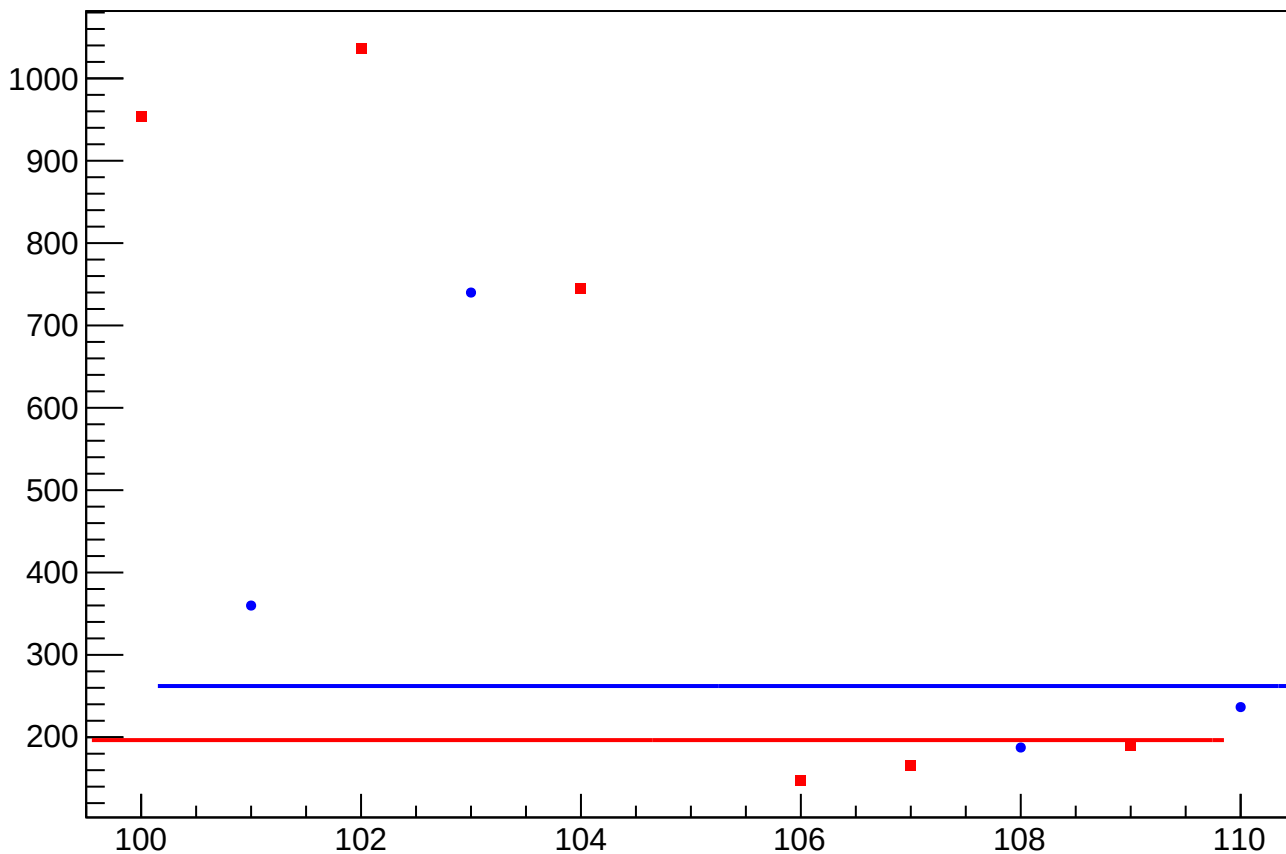
Right: -0.130 $\pm$ 0.133 χ^2 /NDF: 8.6/9

In: 0.014 $\pm$ 0.208 χ^2 /NDF: 1.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.130 $\pm$ 0.133 χ^2 /NDF: 8.6/9

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 262.172 $\pm$ 0.147 χ^2 /NDF: 713335.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 196.519 $\pm$ 0.123 χ^2 /NDF: 1167110.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

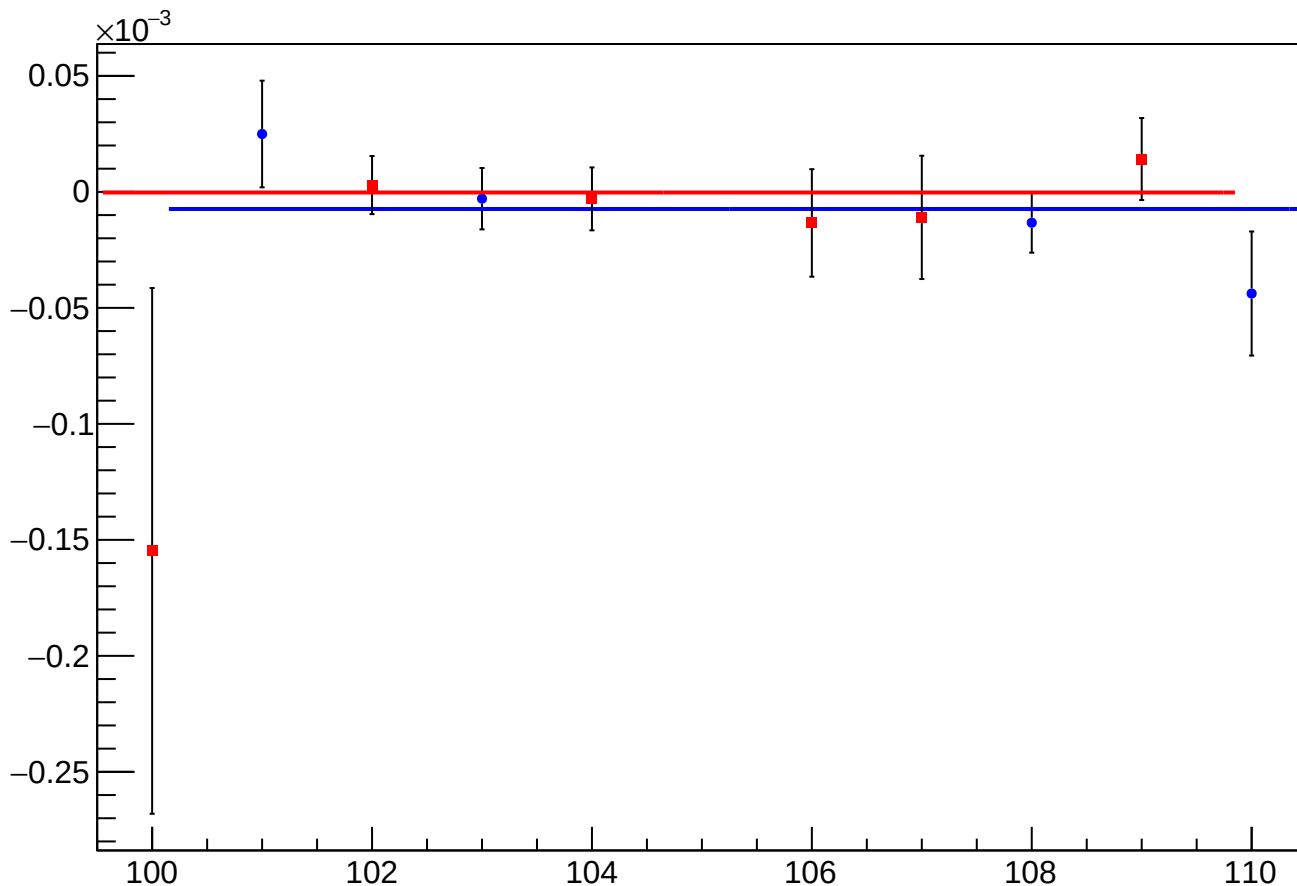
Right: 223.390 $\pm$ 0.094 χ^2 /NDF: 1997961.1/9

In: 262.172 $\pm$ 0.147 χ^2 /NDF:713335.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.390 $\pm$ 0.094 χ^2 /NDF: 1997961.1/9

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

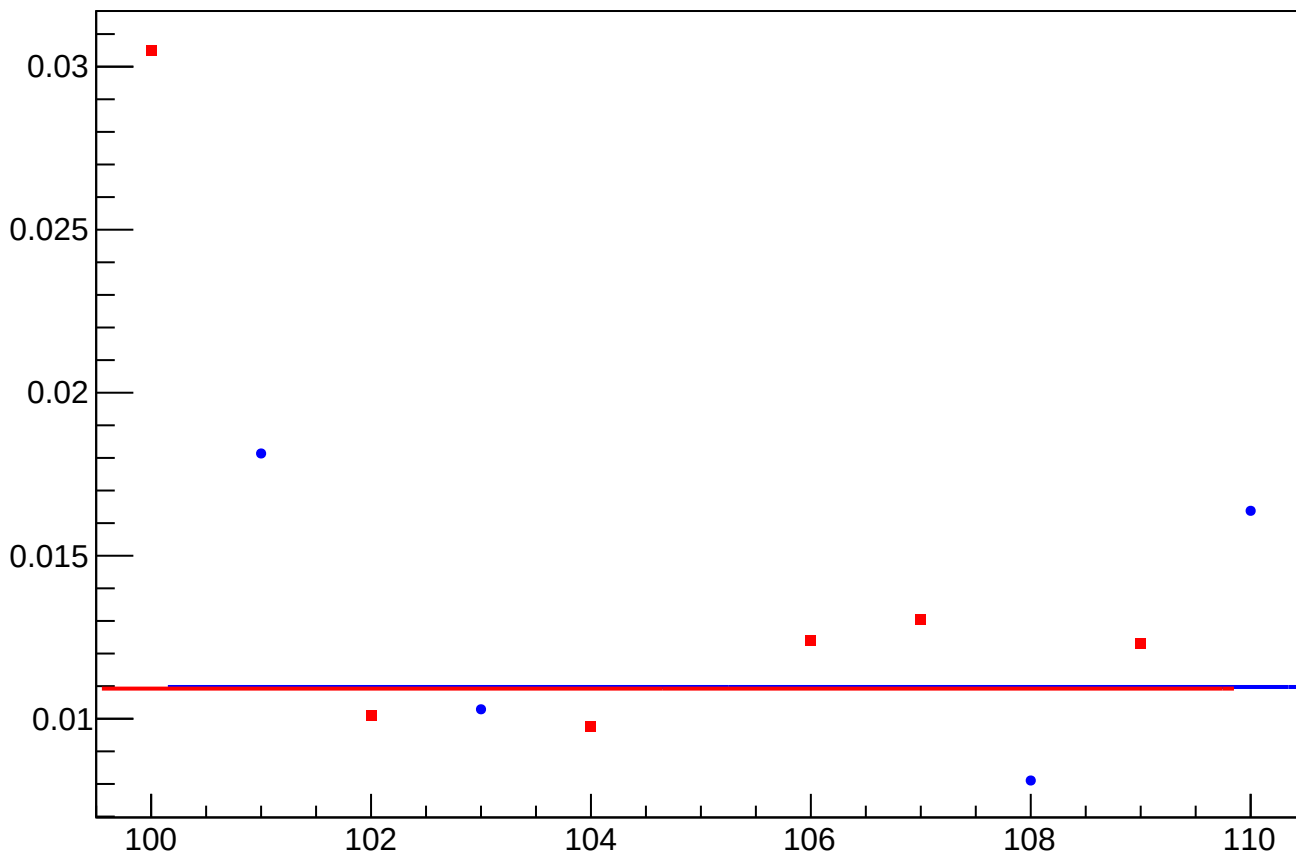
Right: -0.000+/-0.000 χ^2/NDF : 7.7/9

In: -0.000+/-0.000 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.7/9

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 379737.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 116451.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

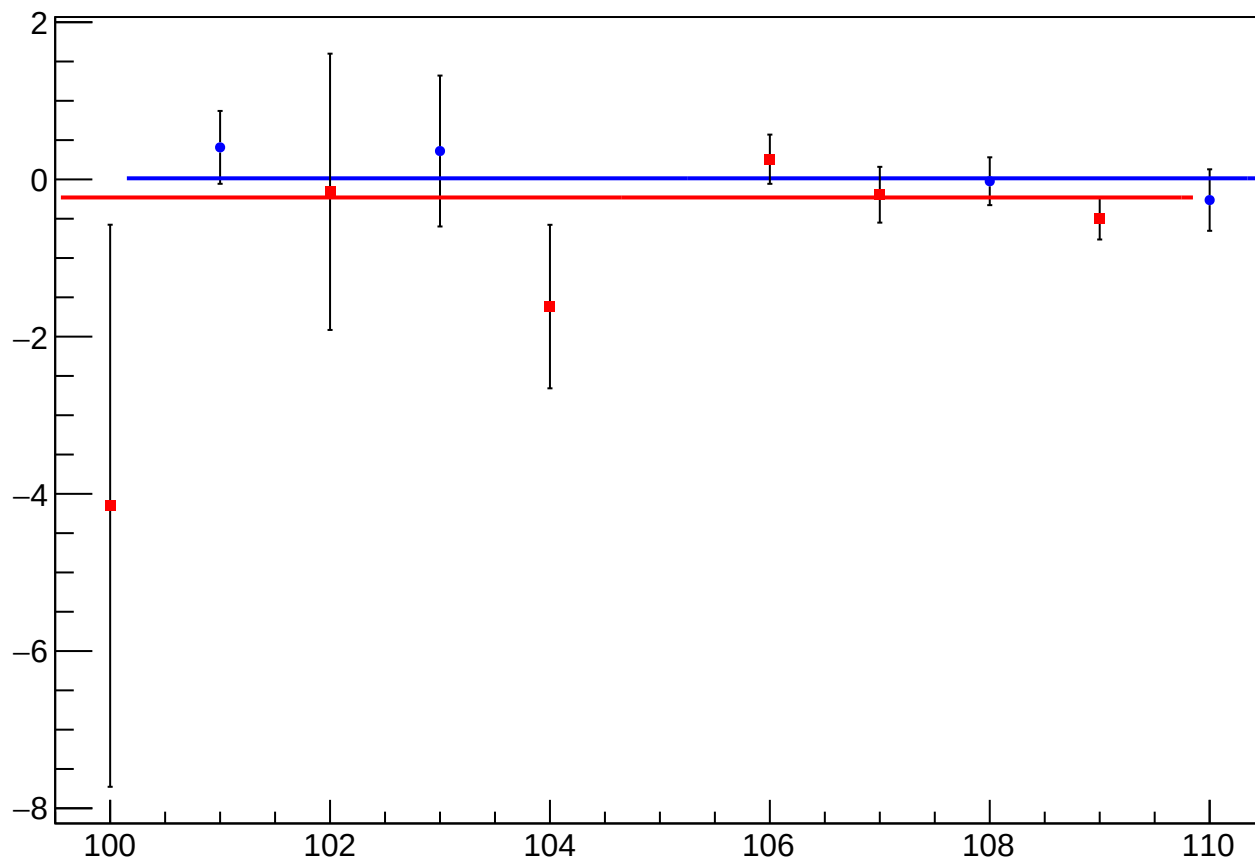
Right: 0.011+/-0.000 χ^2/NDF : 496229.9/9

In: 0.011+/-0.000 χ^2/NDF : 379737.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 496229.9/9

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.208 χ^2/NDF : 1.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.230+/-0.173 χ^2/NDF : 6.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

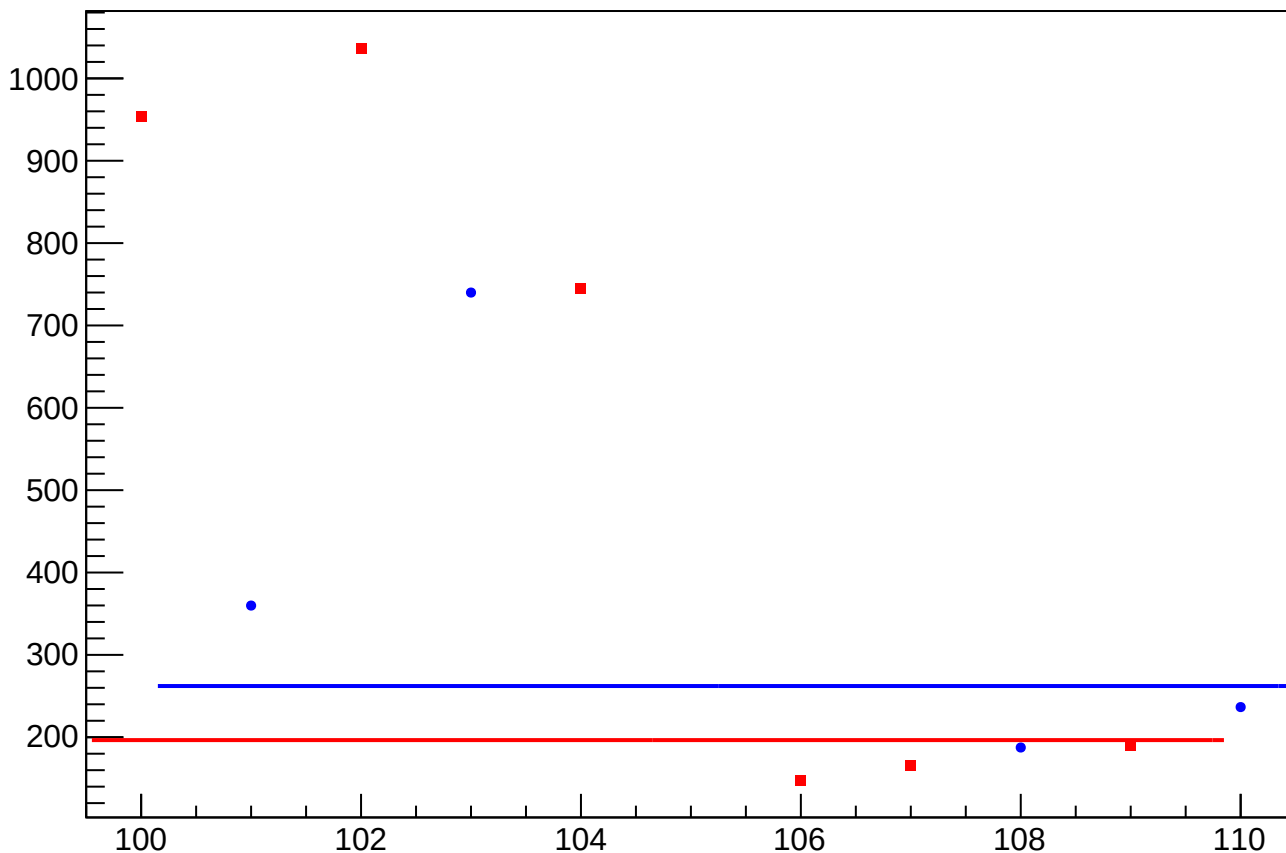
Right: -0.130+/-0.133 χ^2/NDF : 8.6/9

In: 0.014+/-0.208 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.130+/-0.133 χ^2/NDF : 8.6/9

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 262.176+/-0.147 χ^2/NDF : 713314.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.519+/-0.123 χ^2/NDF : 1167118.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

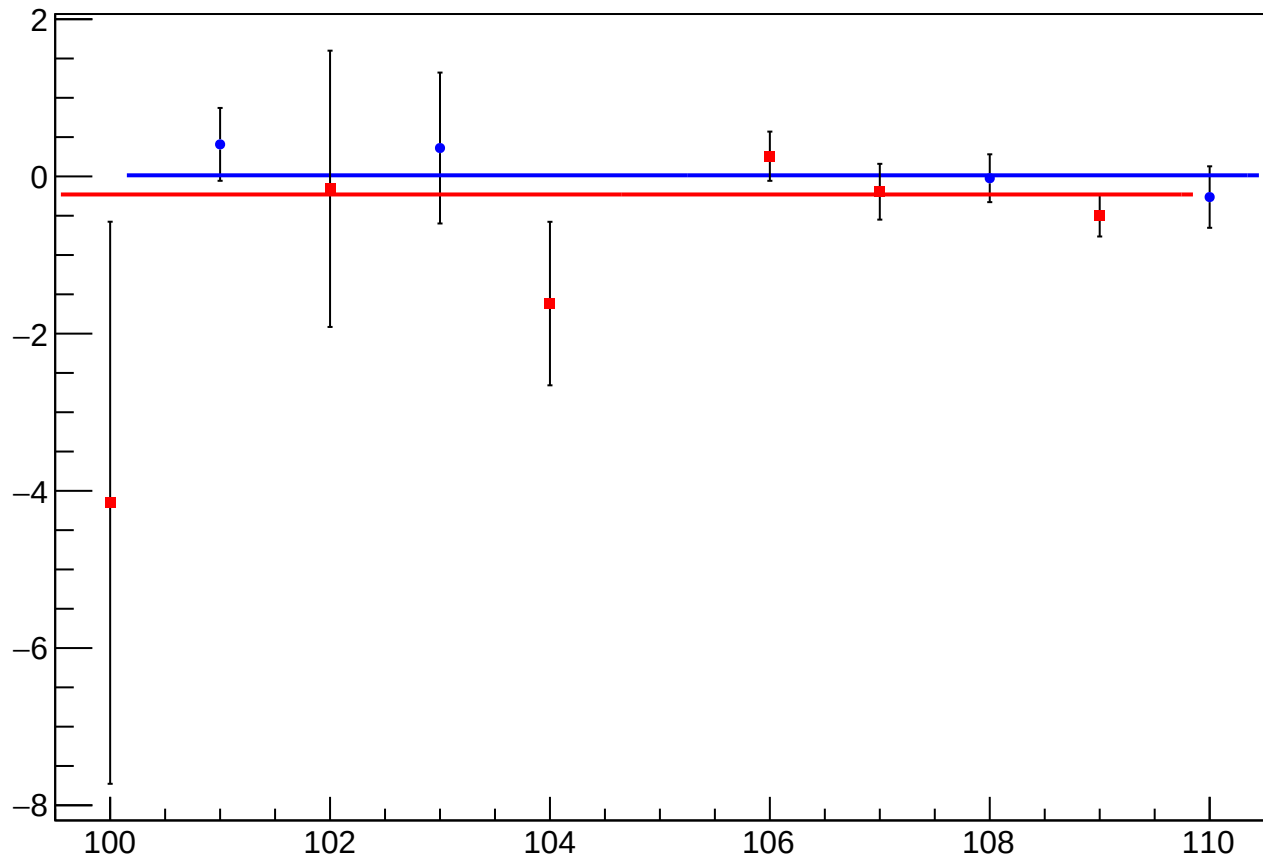
Right: 223.391+/-0.094 χ^2/NDF : 1997958.8/9

In: 262.176+/-0.147 χ^2/NDF : 713314.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.391+/-0.094 χ^2/NDF : 1997958.8/9

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.208 χ^2 /NDF: 1.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.230 $\pm$ 0.173 χ^2 /NDF: 6.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

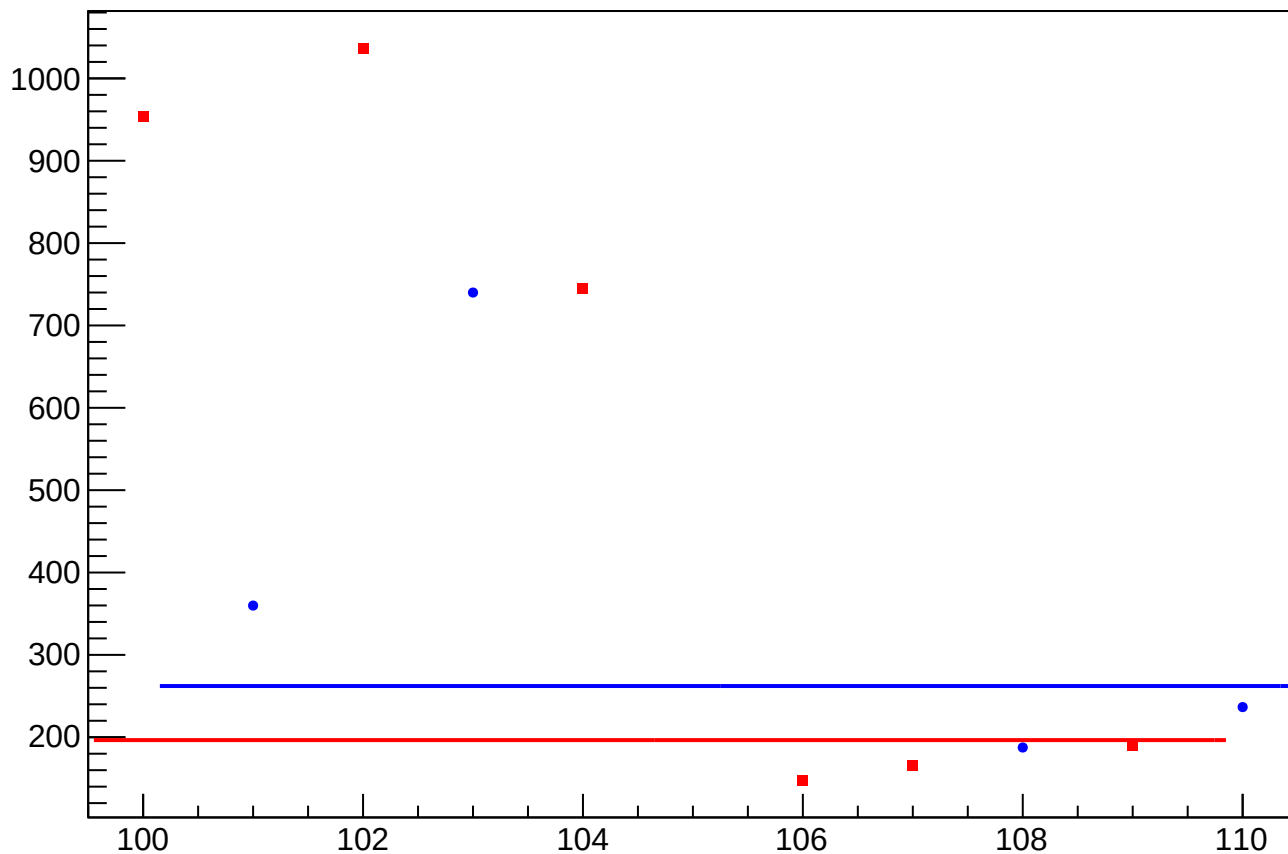
Right: -0.130 $\pm$ 0.133 χ^2 /NDF: 8.6/9

In: 0.014 $\pm$ 0.208 χ^2 /NDF: 1.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.130 $\pm$ 0.133 χ^2 /NDF: 8.6/9

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 262.176+/-0.147 χ^2/NDF : 713314.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.519+/-0.123 χ^2/NDF : 1167118.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

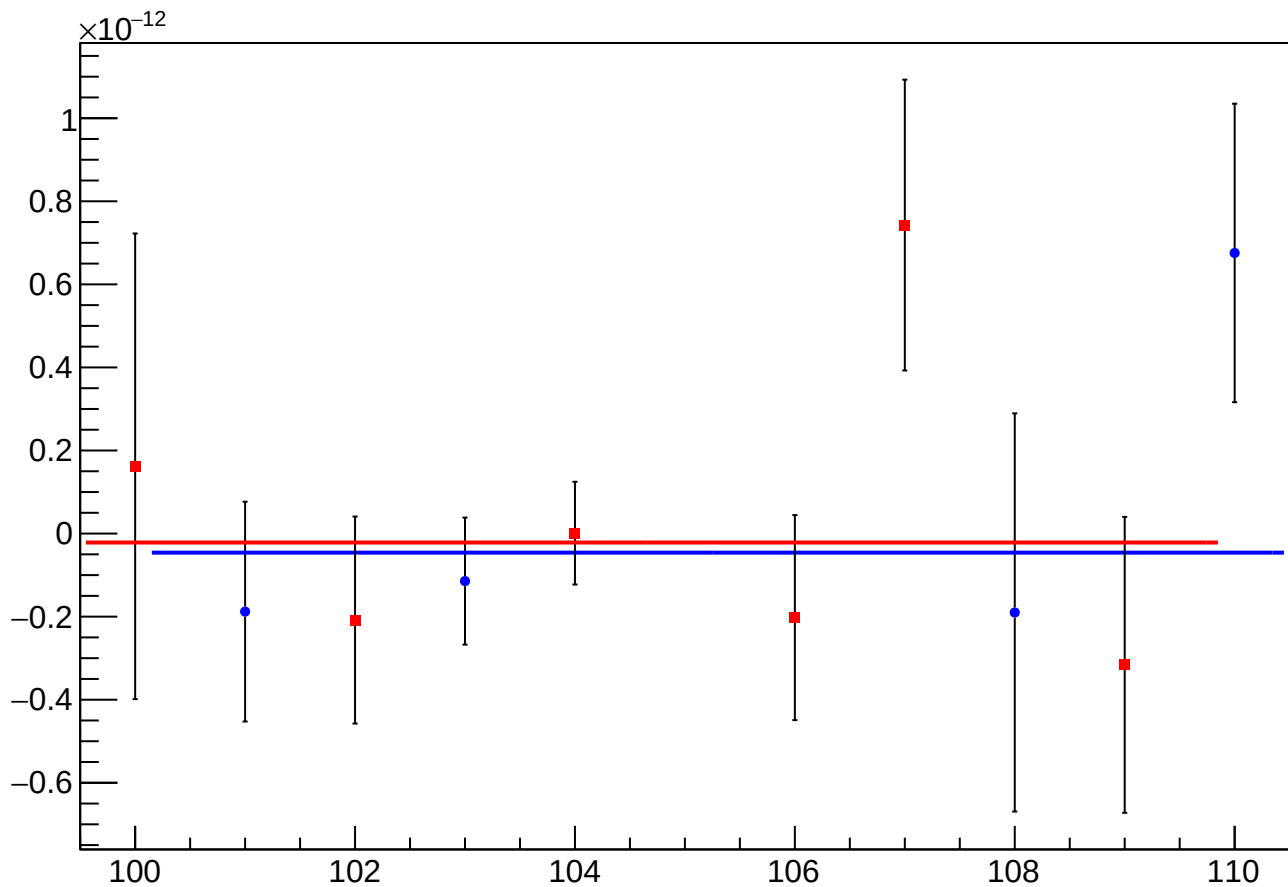
Right: 223.391+/-0.094 χ^2/NDF : 1997958.8/9

In: 262.176+/-0.147 χ^2/NDF : 713314.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.391+/-0.094 χ^2/NDF : 1997958.8/9

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

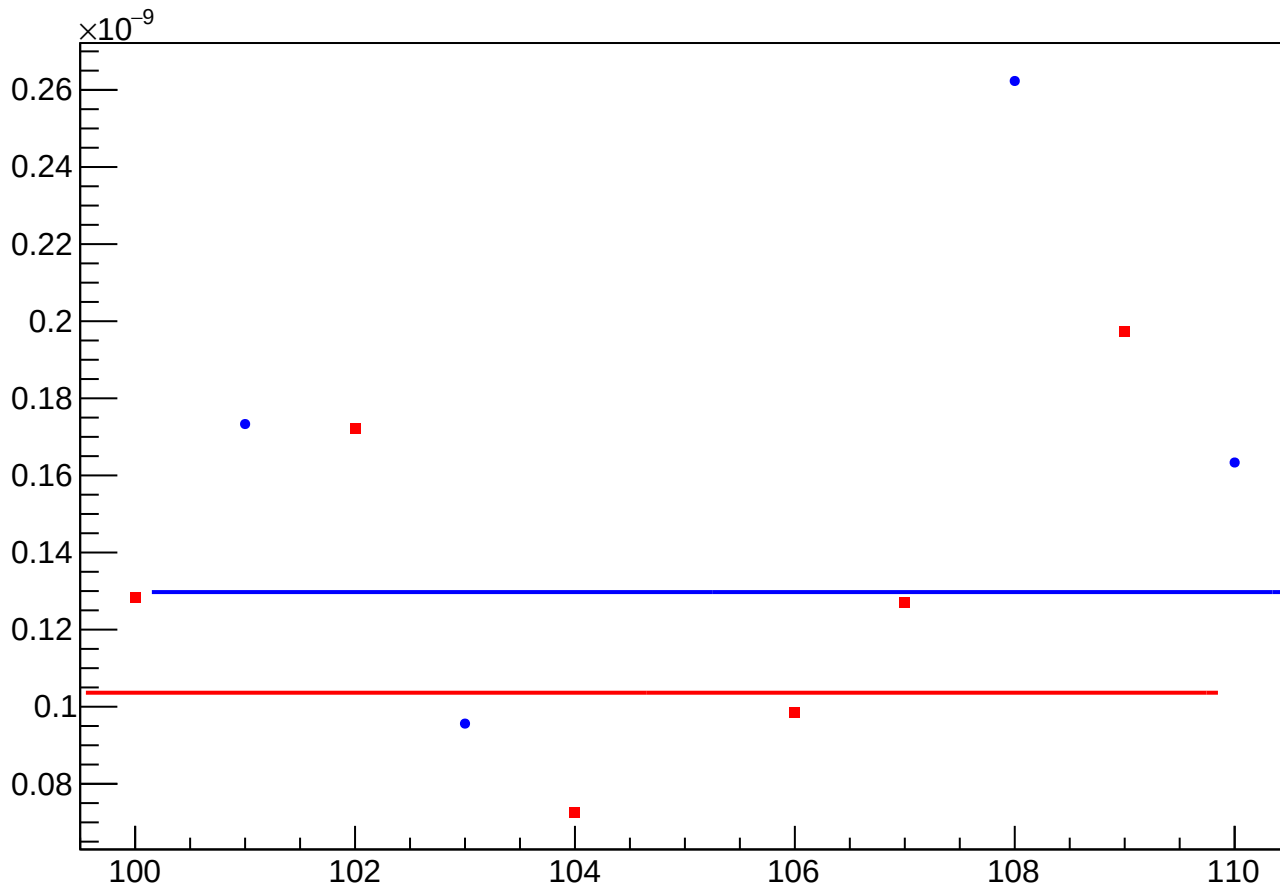
Right: -0.000+/-0.000 χ^2/NDF : 11.3/9

In: -0.000+/-0.000 χ^2/NDF : 4.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.3/9

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 324348.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 429841.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

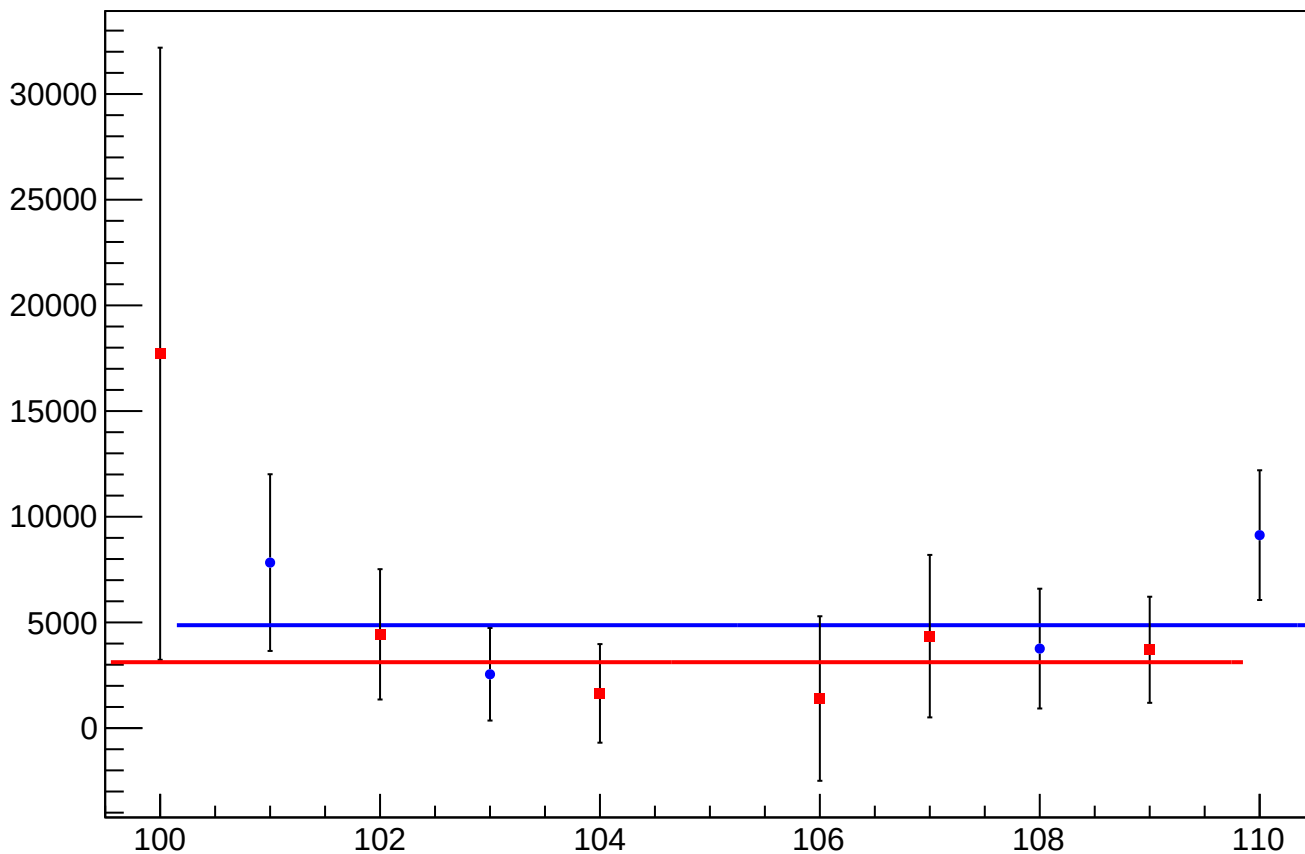
Right: 0.000+/-0.000 χ^2/NDF : 813455.6/9

In: 0.000+/-0.000 χ^2/NDF : 324348.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 813455.6/9

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4869.021+/-1419.359 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3118.880+/-1306.116 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

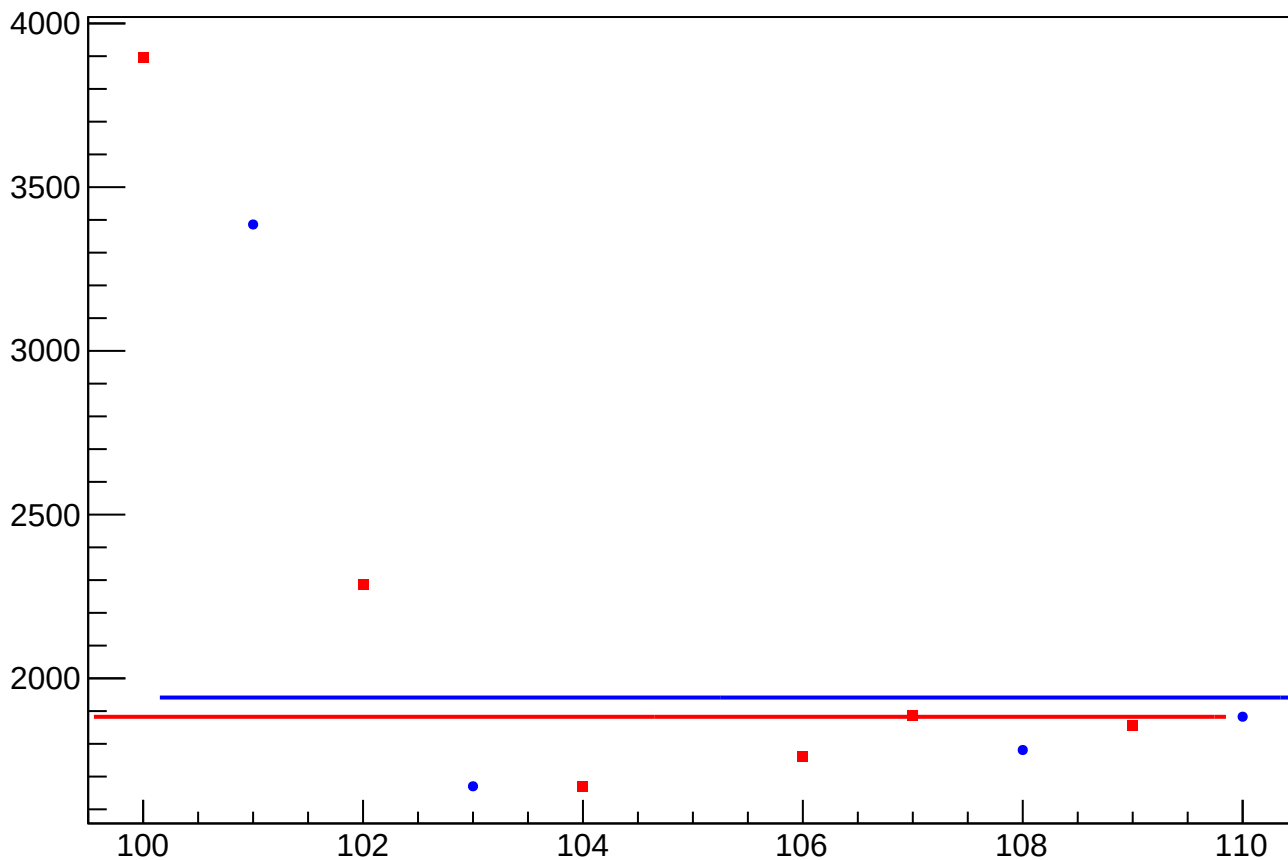
Right: 3921.358+/-961.108 χ^2/NDF : 6.5/9

In: 4869.021+/-1419.359 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3921.358+/-961.108 χ^2/NDF : 6.5/9

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1941.386+/-1.004 χ^2/NDF : 276608.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1882.544+/-0.914 χ^2/NDF : 92067.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

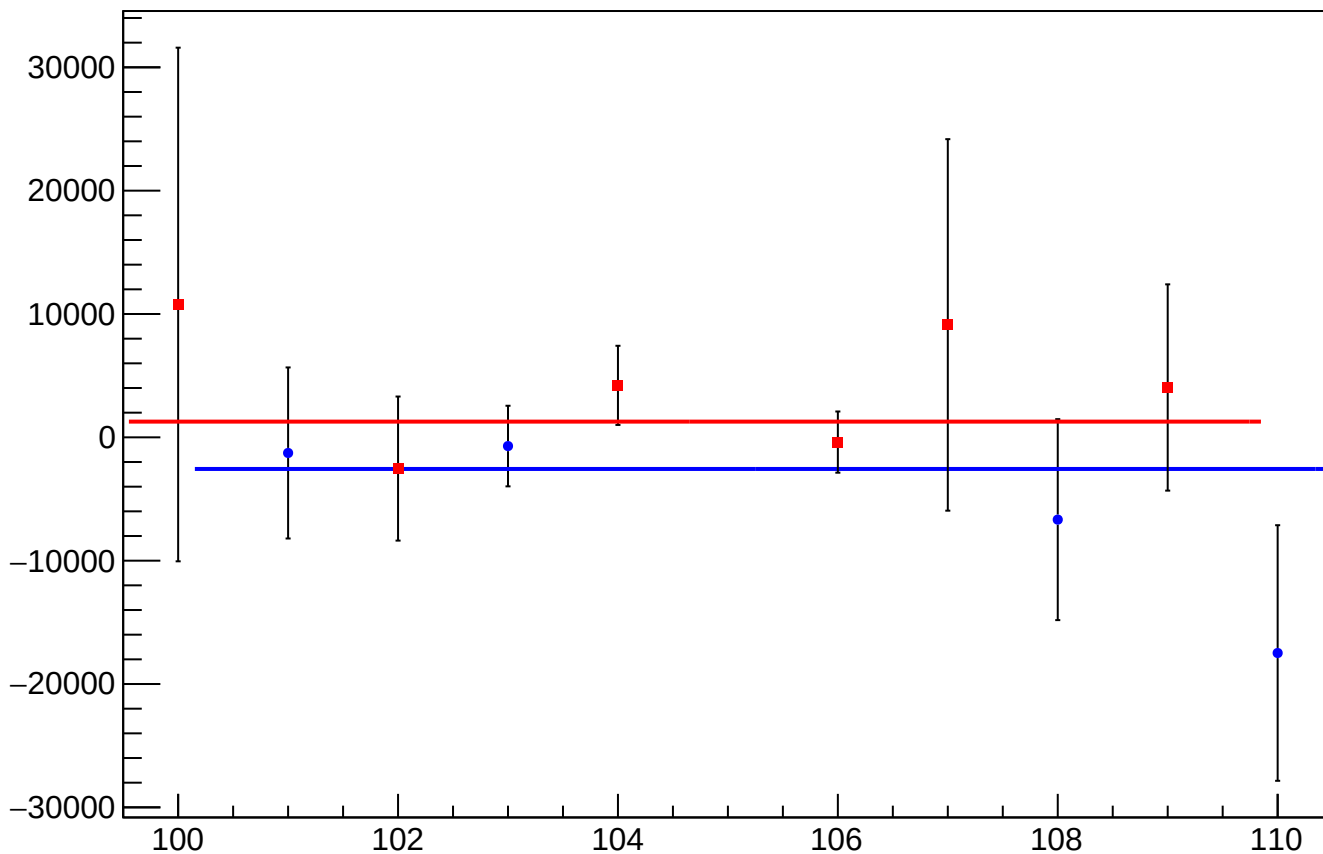
Right: 1909.214+/-0.676 χ^2/NDF : 370555.2/9

In: 1941.386+/-1.004 χ^2/NDF : 276608.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1909.214+/-0.676 χ^2/NDF : 370555.2/9

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2563.865+/-2683.849 χ^2/NDF : 2.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.895+/-1796.578 χ^2/NDF : 2.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

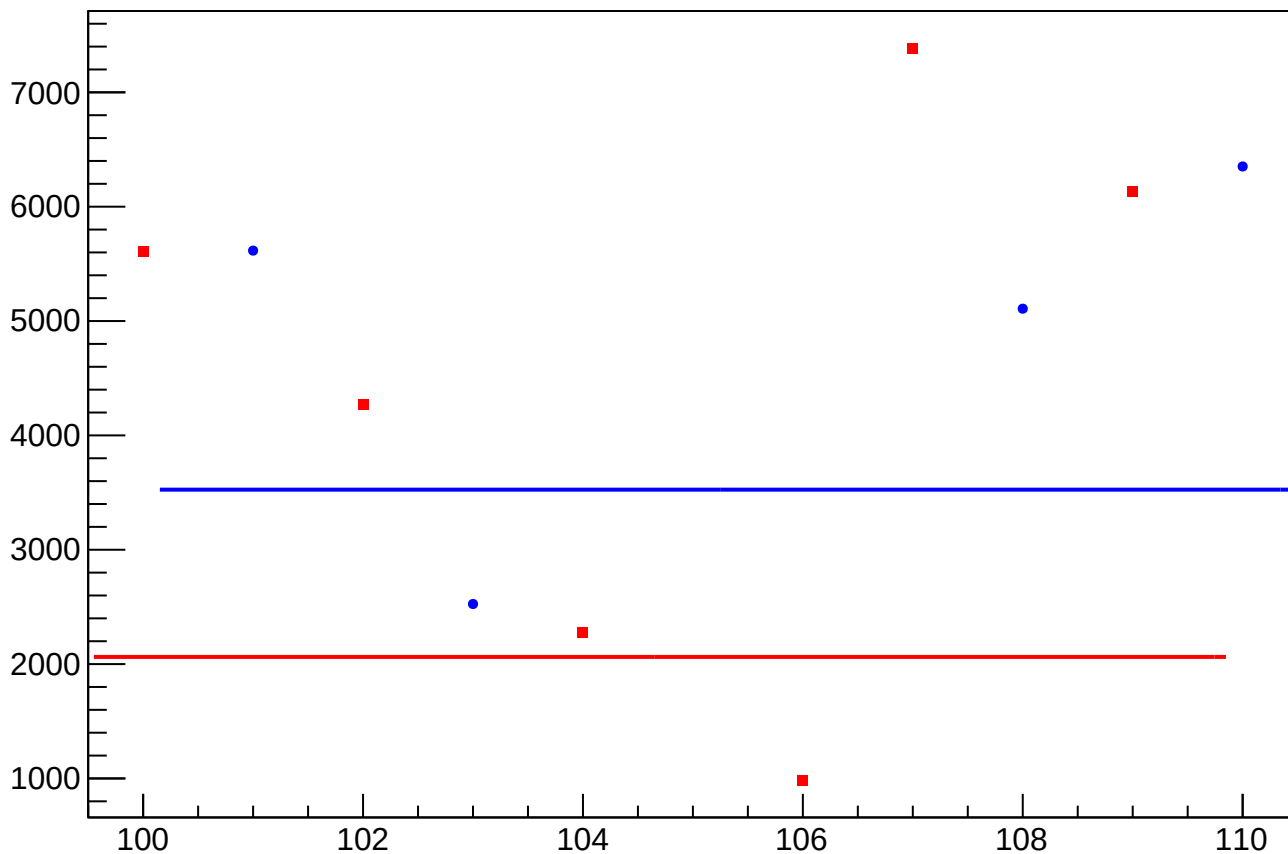
Right: 87.028+/-1492.955 χ^2/NDF : 6.4/9

In: -2563.865+/-2683.849 χ^2/NDF : 2.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.028+/-1492.955 χ^2/NDF : 6.4/9

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3525.471+/-1.898 χ^2/NDF : 593286.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2062.773+/-1.270 χ^2/NDF : 1456182.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

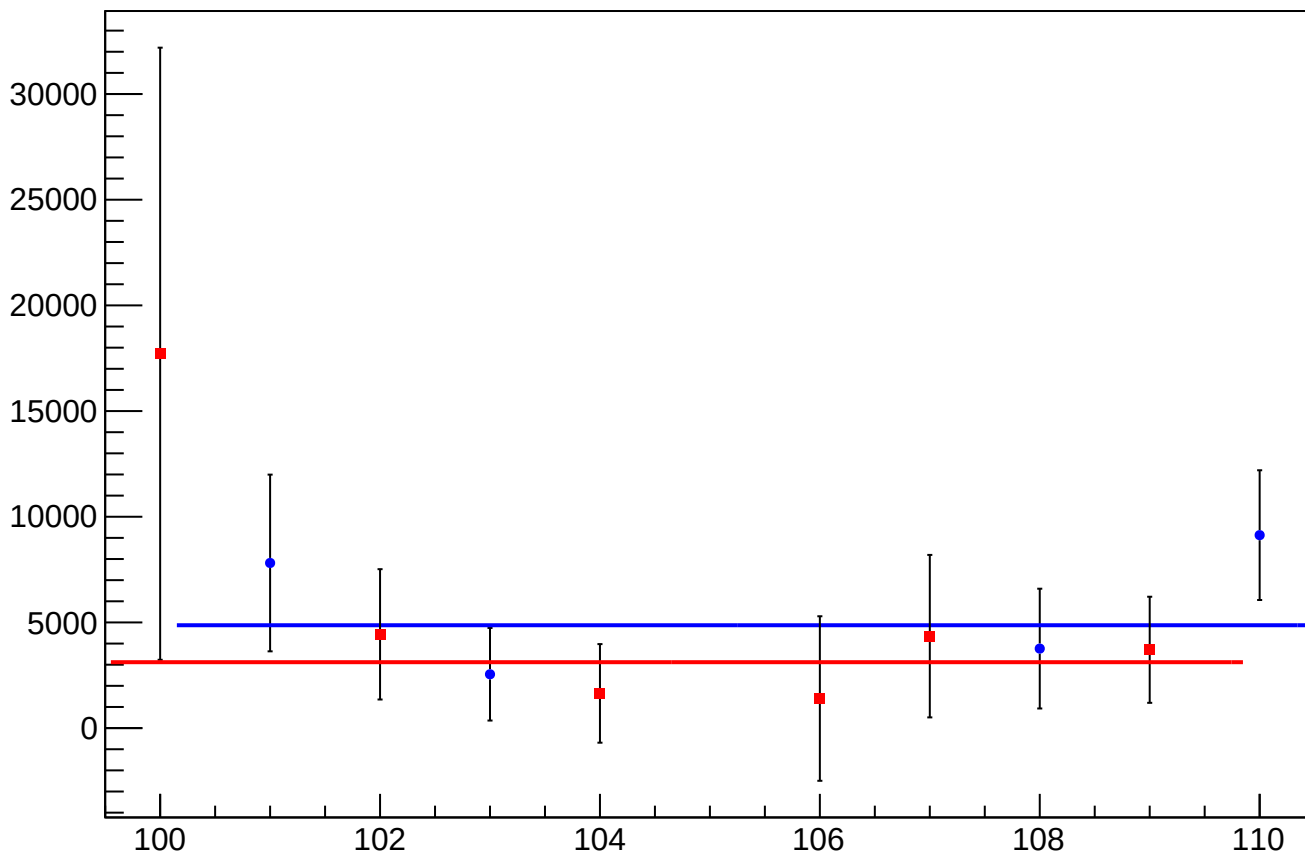
Right: 2515.391+/-1.056 χ^2/NDF : 2459695.4/9

In: 3525.471+/-1.898 χ^2/NDF : 593286.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2515.391+/-1.056 χ^2/NDF : 2459695.4/9

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4867.138+/-1419.361 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3118.644+/-1306.116 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

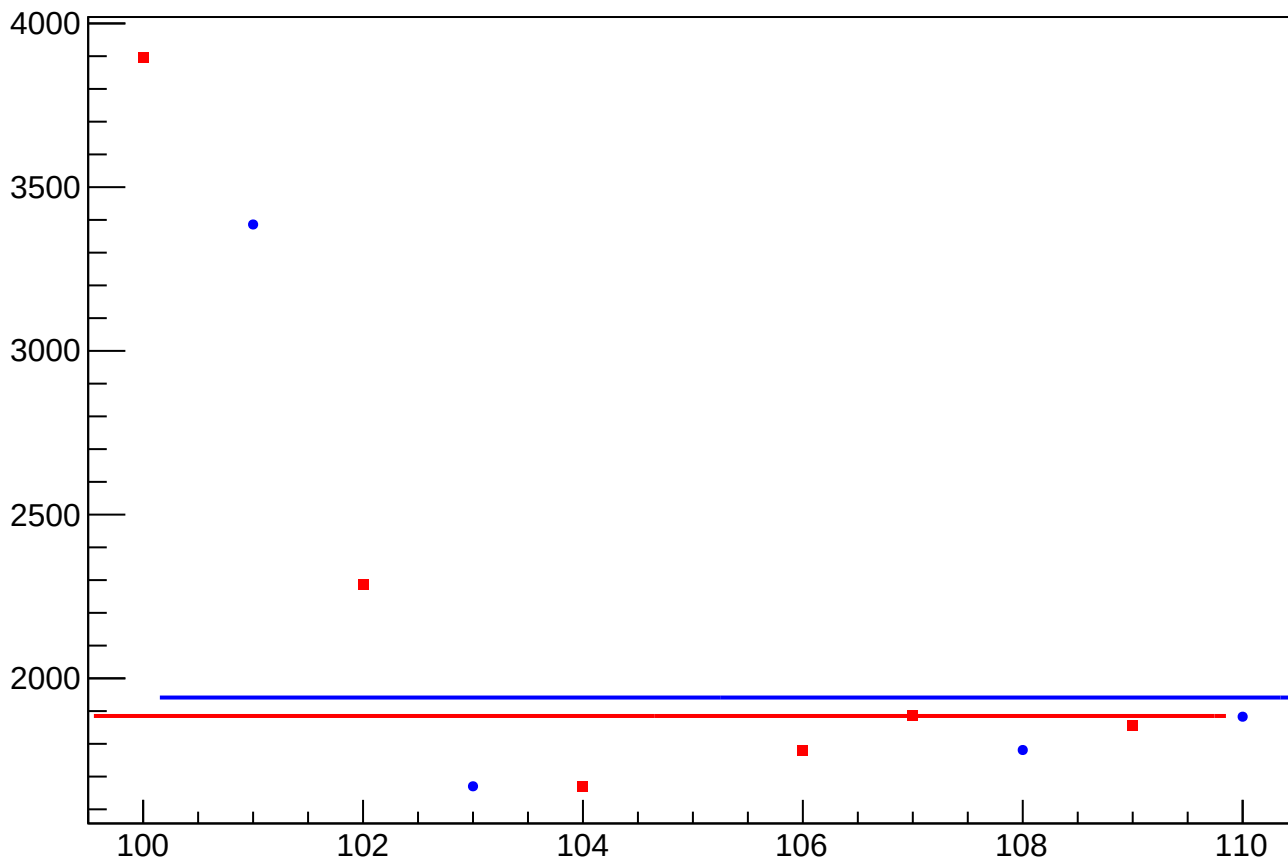
Right: 3920.365+/-961.109 χ^2/NDF : 6.5/9

In: 4867.138+/-1419.361 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3920.365+/-961.109 χ^2/NDF : 6.5/9

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1941.386+/-1.004 χ^2/NDF : 276610.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1885.065+/-0.915 χ^2/NDF : 91418.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

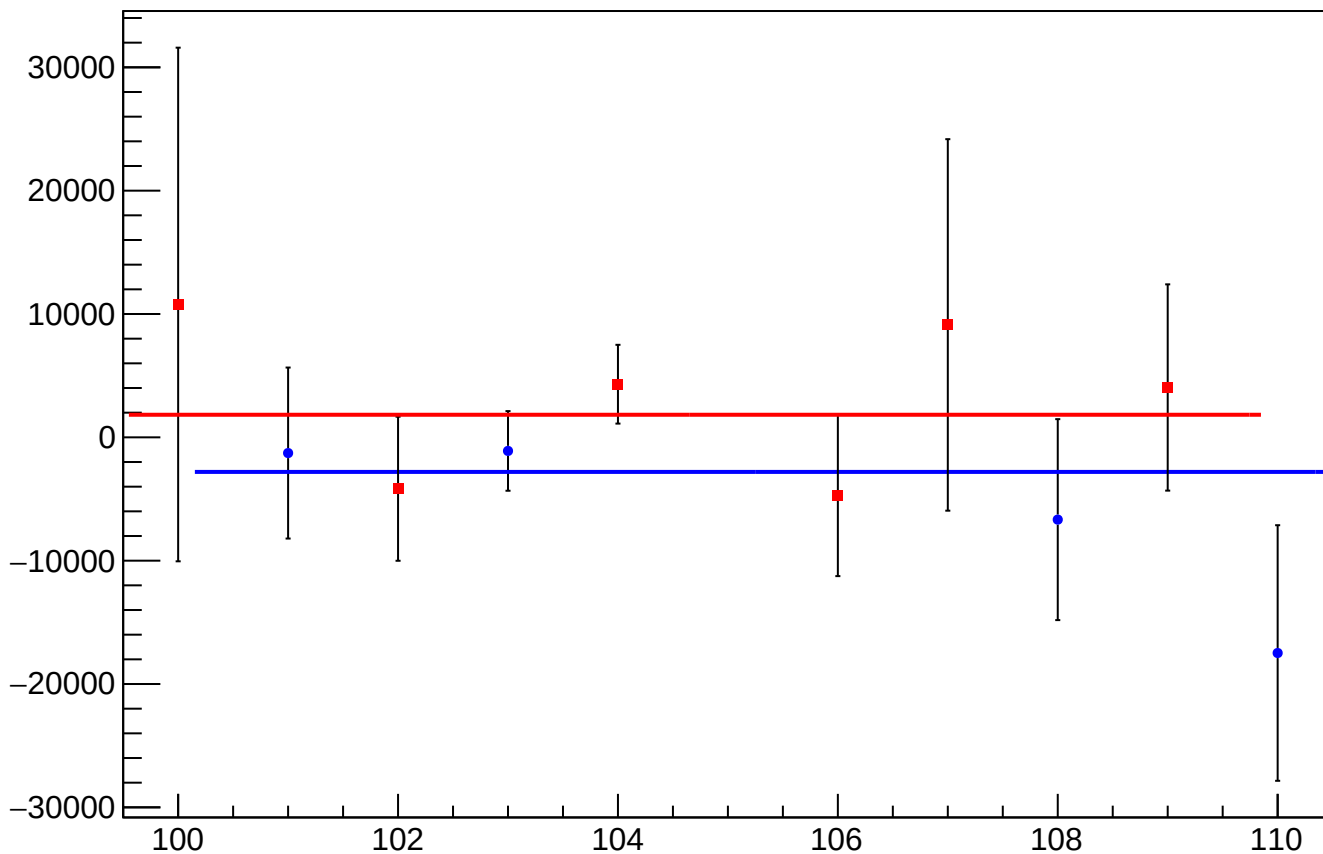
Right: 1910.624+/-0.676 χ^2/NDF : 369749.2/9

In: 1941.386+/-1.004 χ^2/NDF : 276610.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1910.624+/-0.676 χ^2/NDF : 369749.2/9

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2803.024+/-2661.807 χ^2/NDF : 2.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1831.039+/-2414.039 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

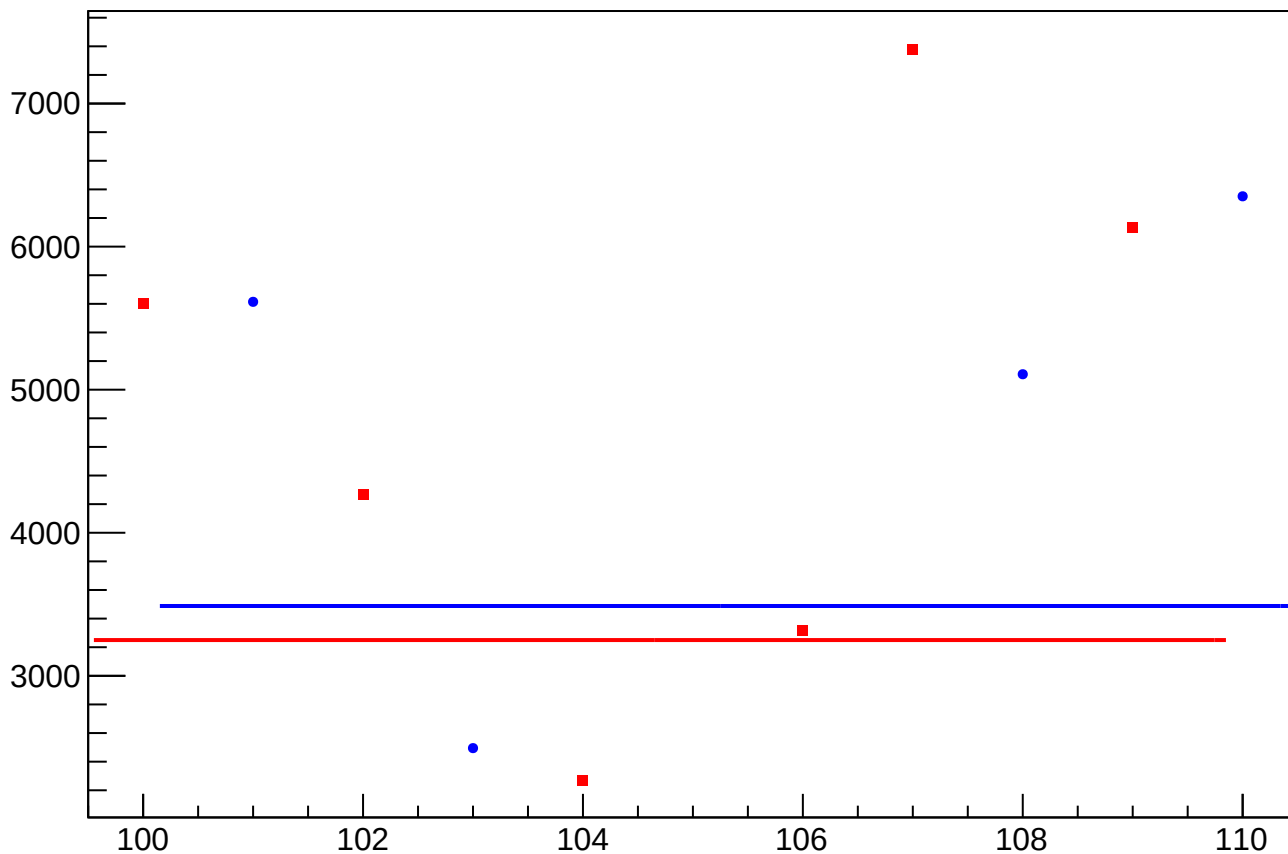
Right: -260.328+/-1788.177 χ^2/NDF : 7.4/9

In: -2803.024+/-2661.807 χ^2/NDF : 2.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.328+/-1788.177 χ^2/NDF : 7.4/9

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3488.133+/-1.882 χ^2/NDF : 609319.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3250.035+/-1.707 χ^2/NDF : 663391.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

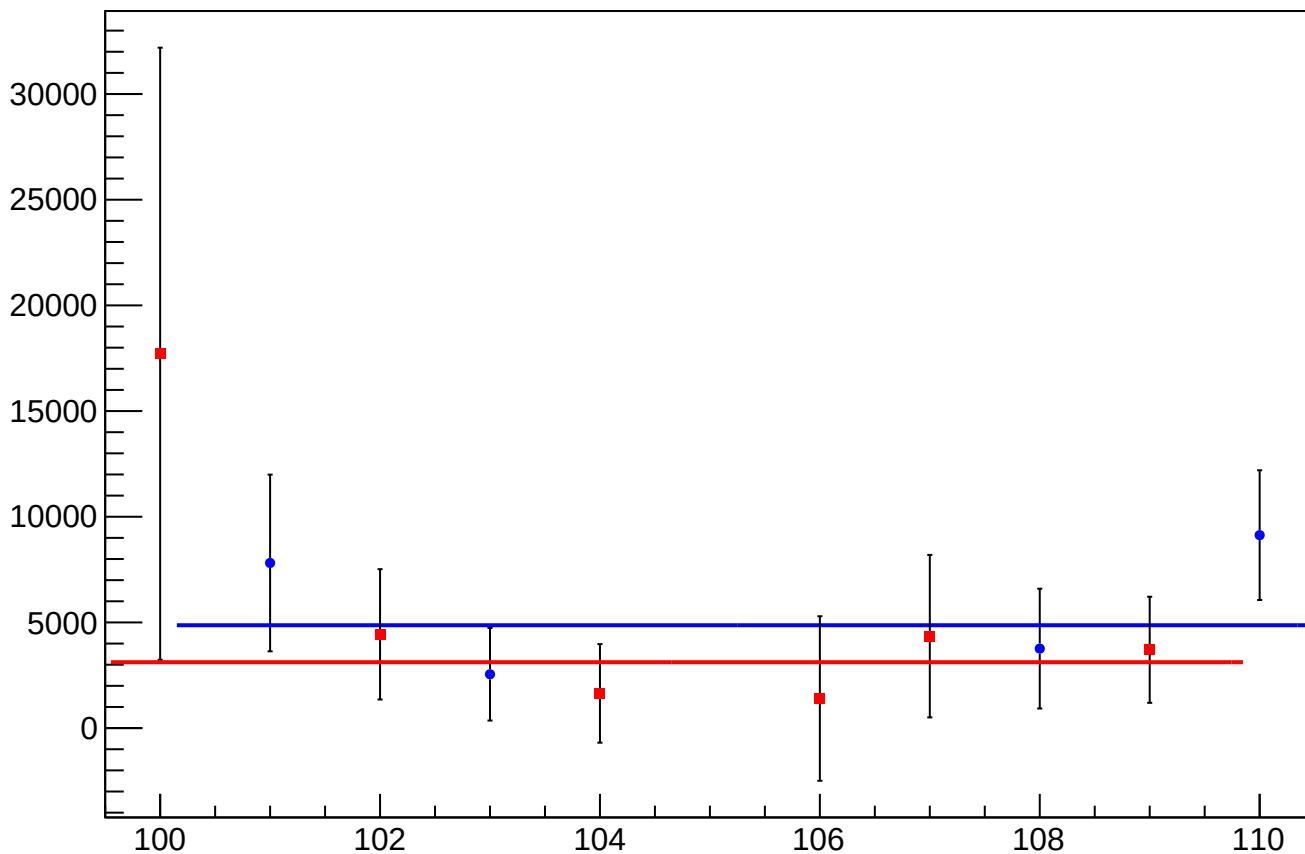
Right: 3357.489+/-1.264 χ^2/NDF : 1281490.9/9

In: 3488.133+/-1.882 χ^2/NDF : 609319.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3357.489+/-1.264 χ^2/NDF : 1281490.9/9

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4867.138+/-1419.361 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3118.644+/-1306.116 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

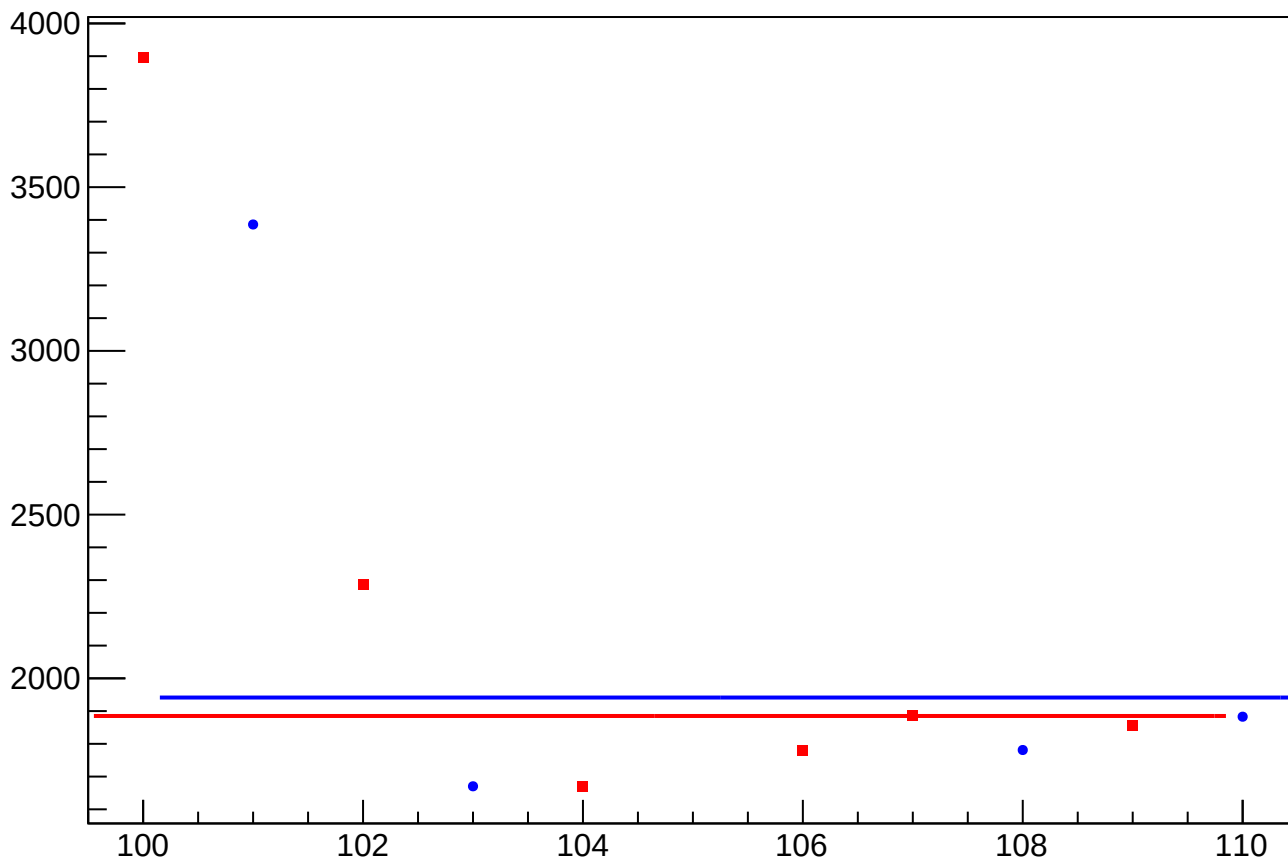
Right: 3920.365+/-961.109 χ^2/NDF : 6.5/9

In: 4867.138+/-1419.361 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3920.365+/-961.109 χ^2/NDF : 6.5/9

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1941.386+/-1.004 χ^2/NDF : 276610.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1885.065+/-0.915 χ^2/NDF : 91418.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

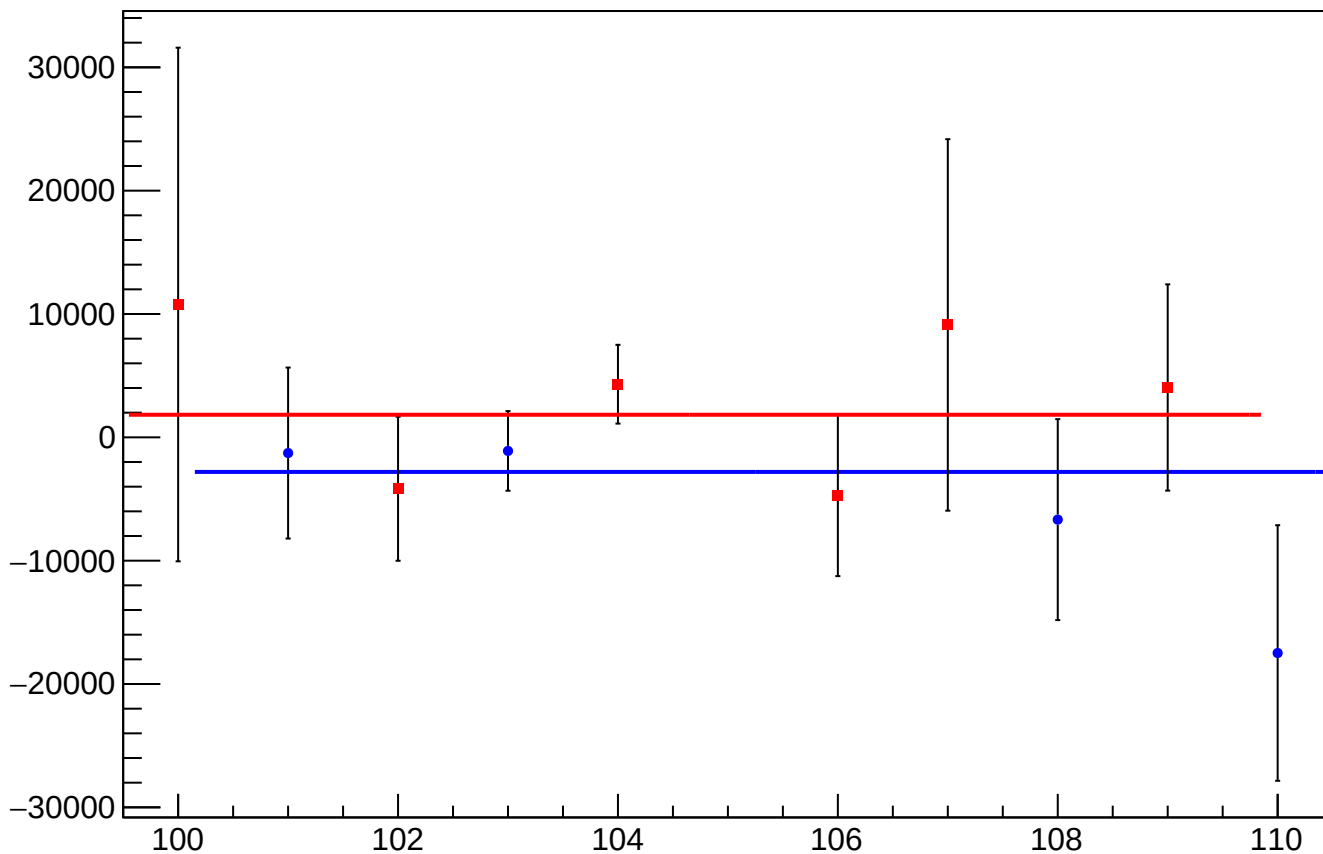
Right: 1910.624+/-0.676 χ^2/NDF : 369749.2/9

In: 1941.386+/-1.004 χ^2/NDF : 276610.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1910.624+/-0.676 χ^2/NDF : 369749.2/9

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2803.024+/-2661.807 χ^2/NDF : 2.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1831.039+/-2414.039 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

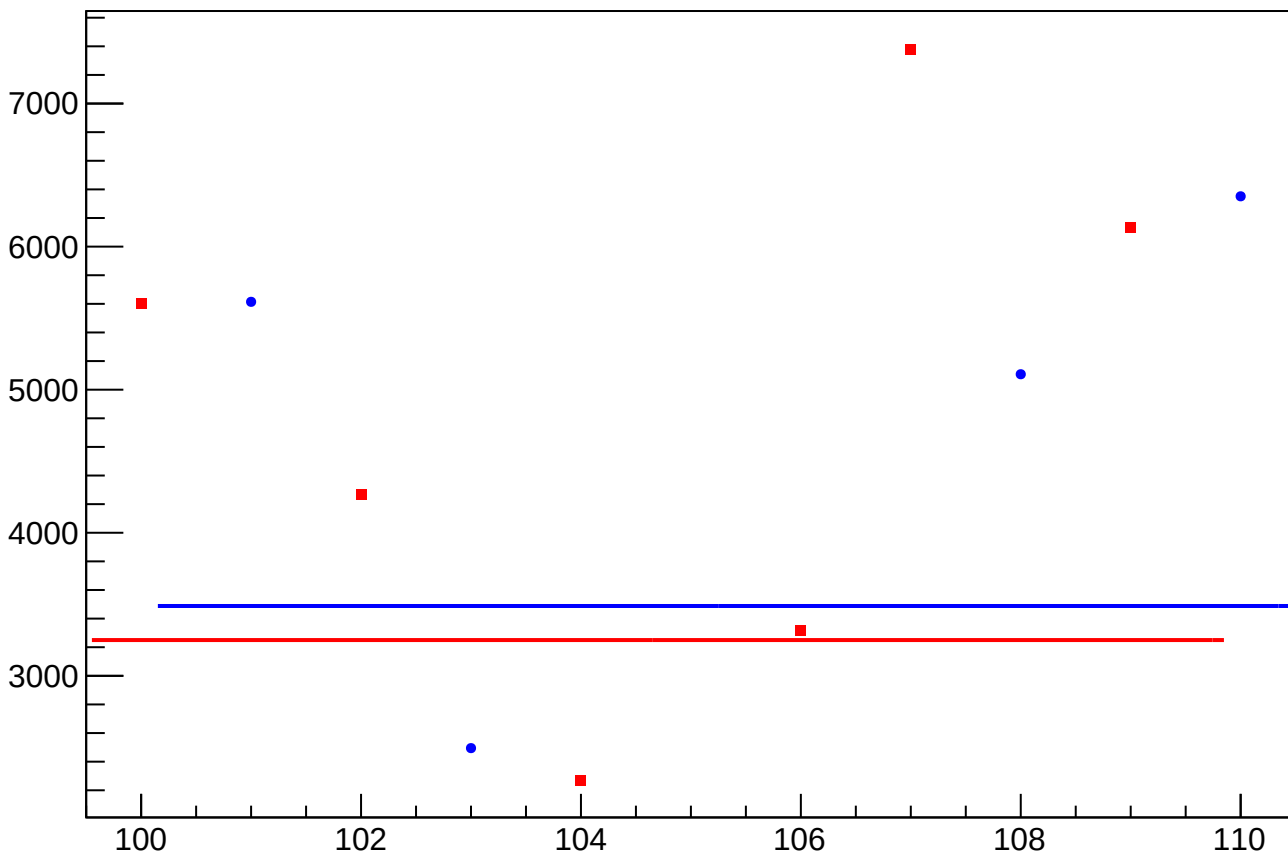
Right: -260.328+/-1788.177 χ^2/NDF : 7.4/9

In: -2803.024+/-2661.807 χ^2/NDF : 2.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.328+/-1788.177 χ^2/NDF : 7.4/9

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3488.133+/-1.882 χ^2/NDF : 609319.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3250.035+/-1.707 χ^2/NDF : 663391.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

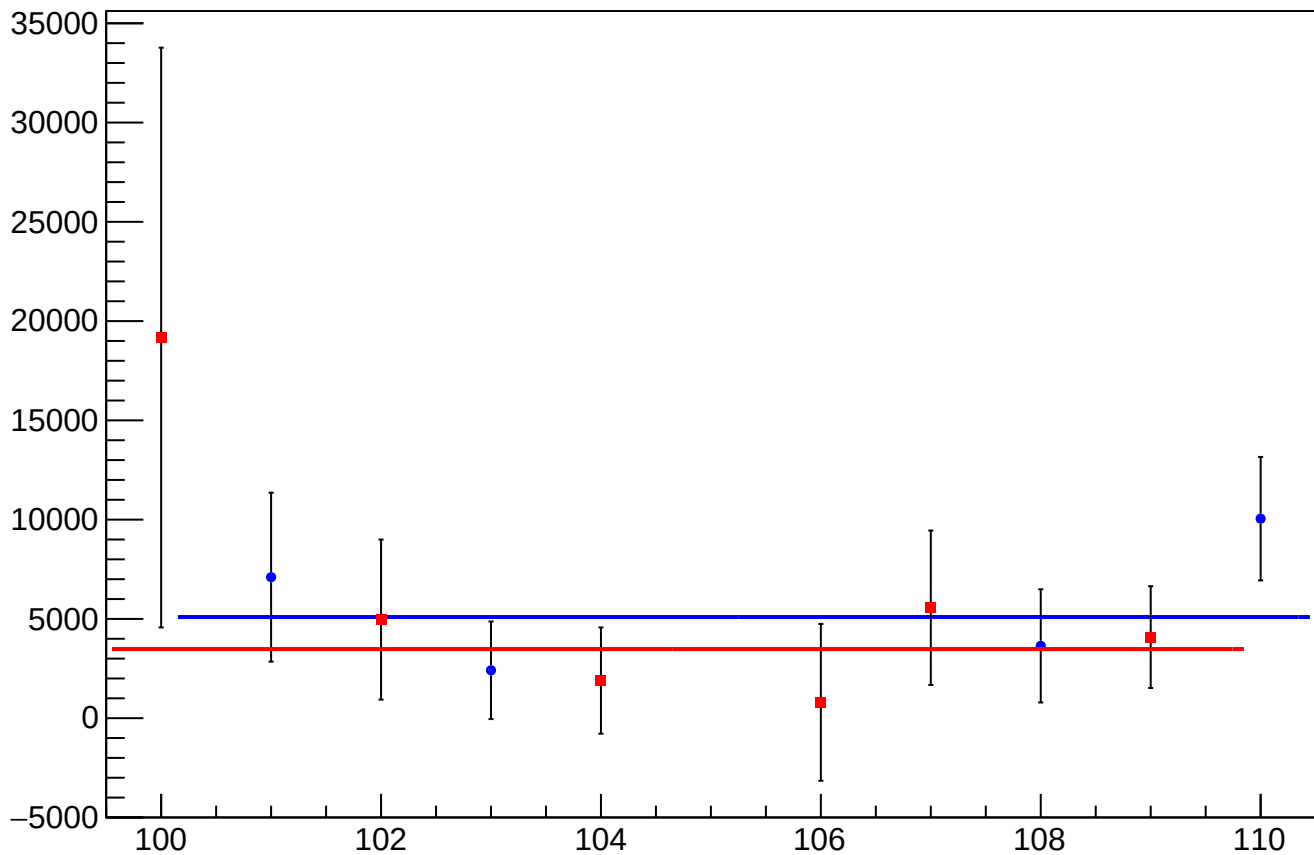
Right: 3357.489+/-1.264 χ^2/NDF : 1281490.9/9

In: 3488.133+/-1.882 χ^2/NDF : 609319.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3357.489+/-1.264 χ^2/NDF : 1281490.9/9

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5094.968+/-1494.830 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3482.847+/-1431.372 χ^2/NDF : 2.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

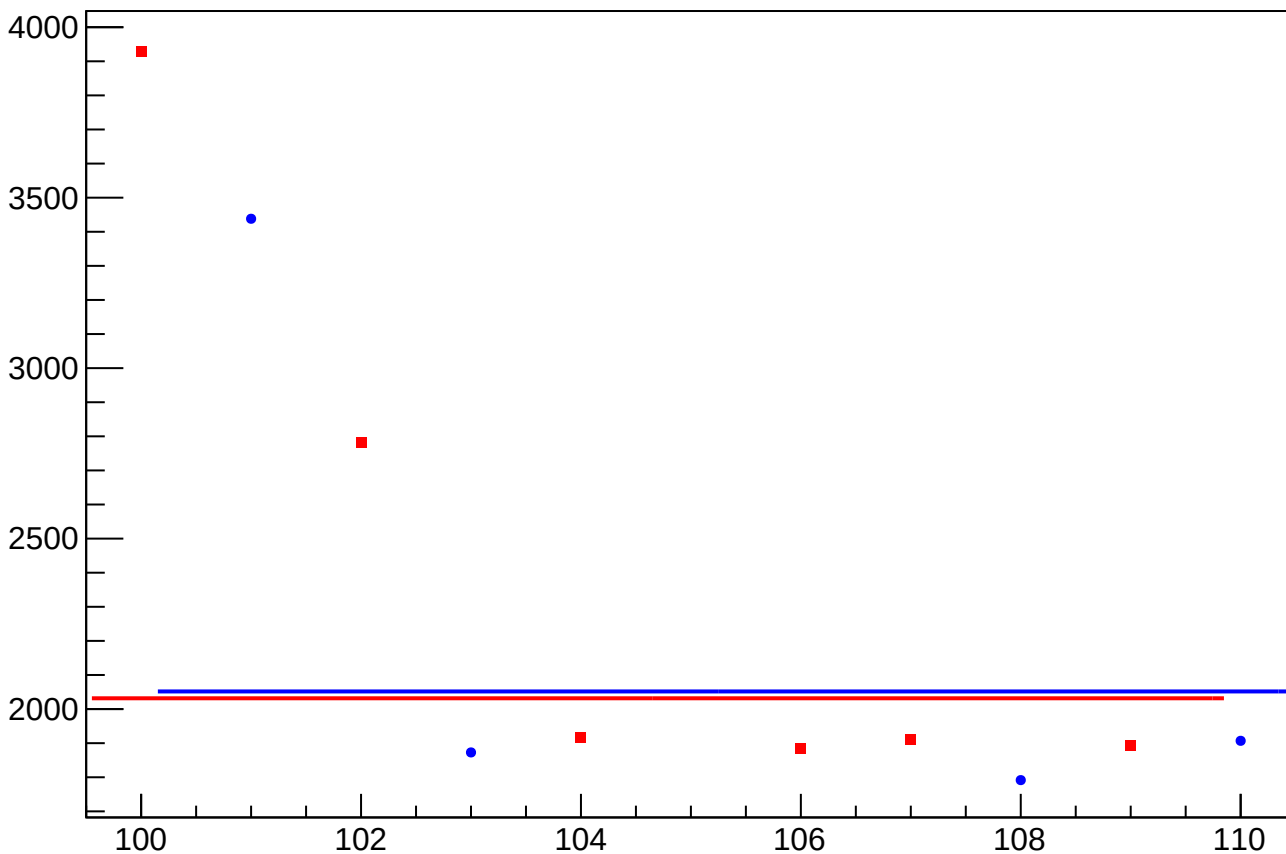
Right: 4253.963+/-1033.839 χ^2/NDF : 7.3/9

In: 5094.968+/-1494.830 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4253.963+/-1033.839 χ^2/NDF : 7.3/9

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2051.733+/-1.057 χ^2/NDF : 244100.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2031.636+/-1.008 χ^2/NDF : 117253.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

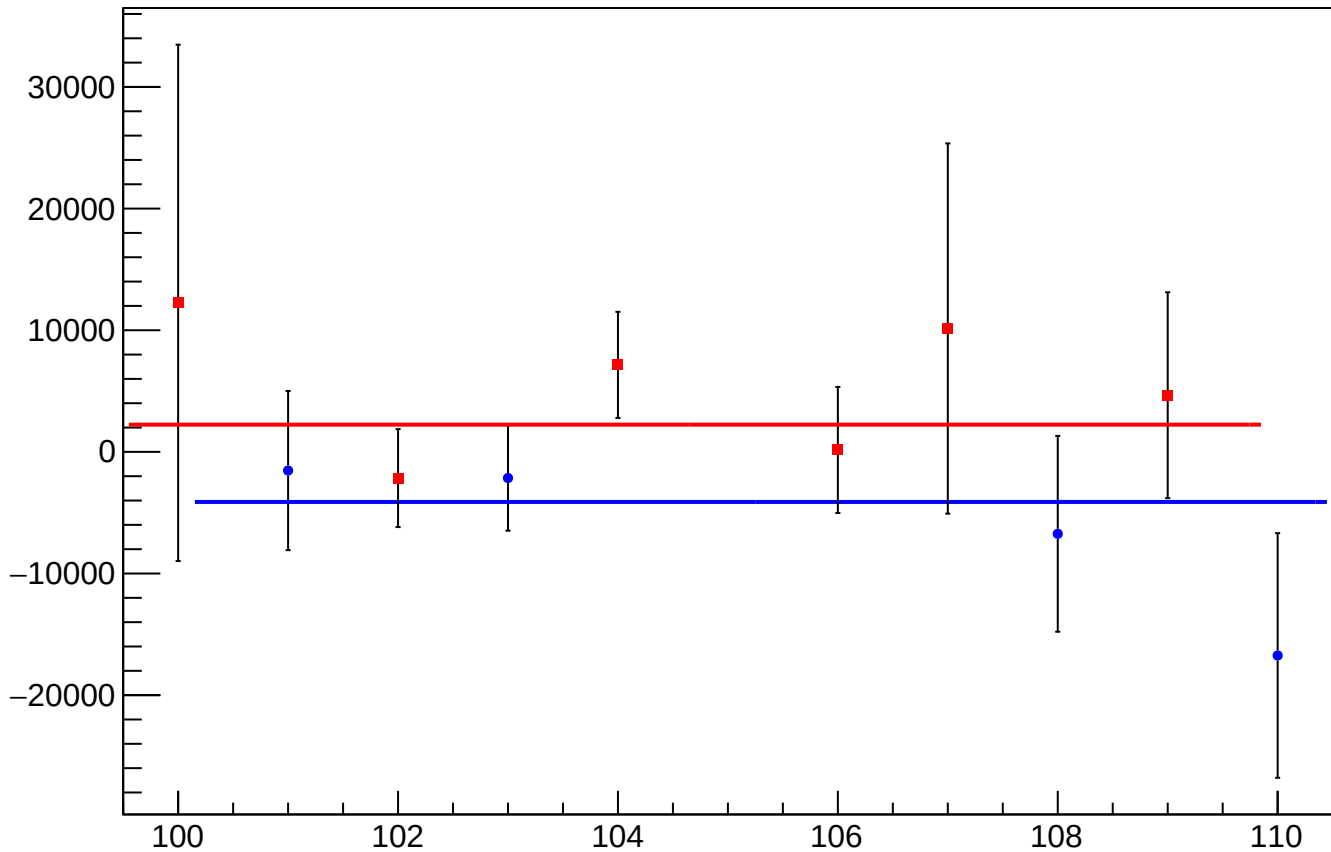
Right: 2041.206+/-0.729 χ^2/NDF : 361543.4/9

In: 2051.733+/-1.057 χ^2/NDF : 244100.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2041.206+/-0.729 χ^2/NDF : 361543.4/9

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4116.162+/-3130.426 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2238.042+/-2411.346 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

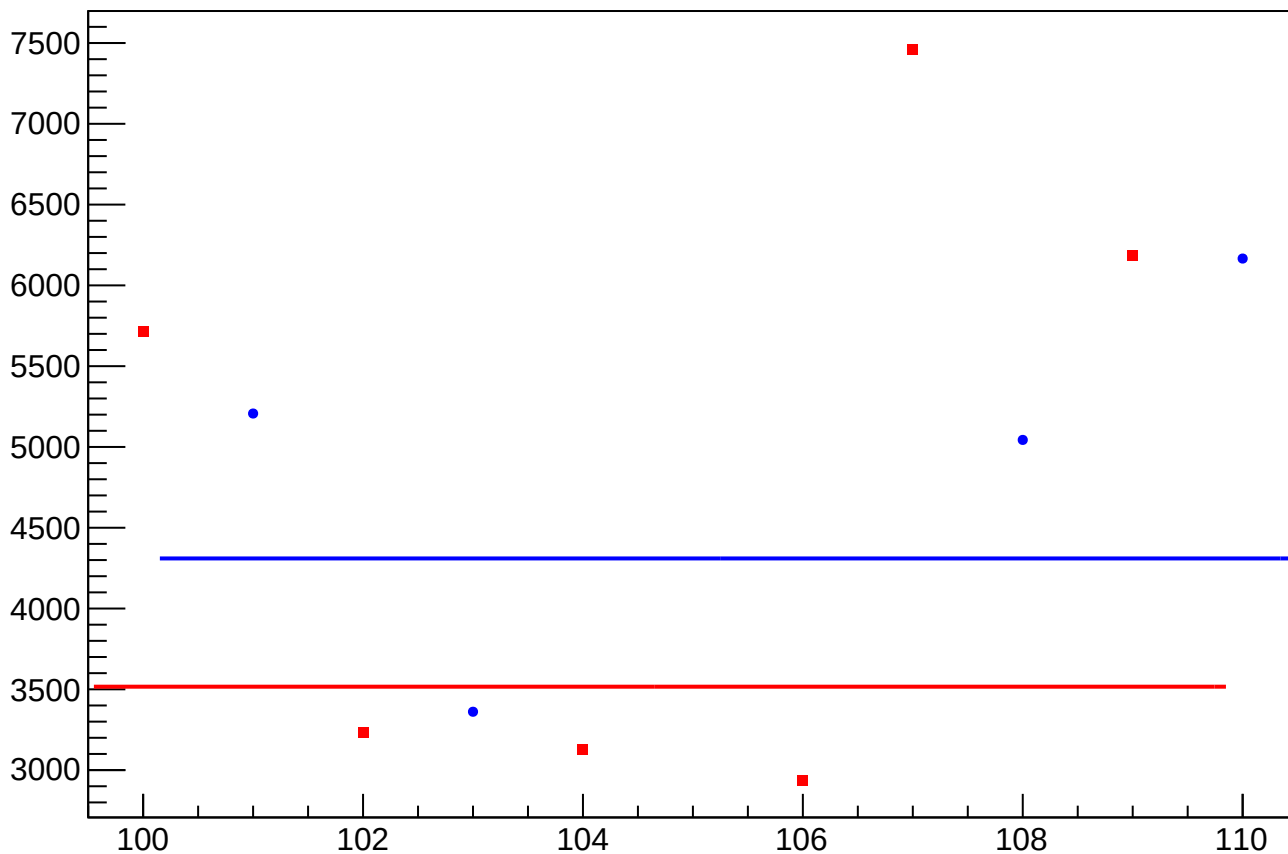
Right: -128.213+/-1910.309 χ^2/NDF : 7.8/9

In: -4116.162+/-3130.426 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.213+/-1910.309 χ^2/NDF : 7.8/9

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4310.000+/-2.214 χ^2/NDF : 218403.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3516.279+/-1.705 χ^2/NDF : 405664.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

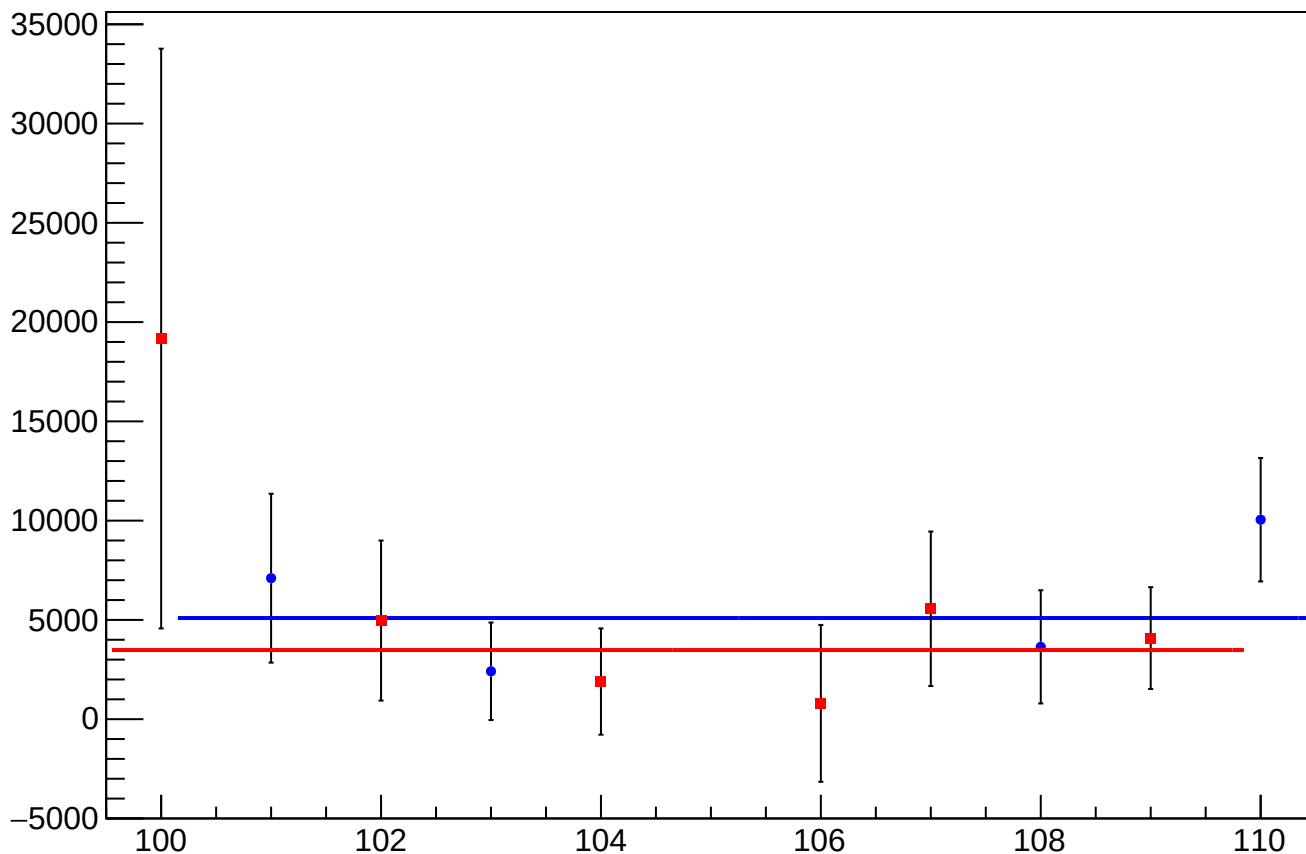
Right: 3811.854+/-1.351 χ^2/NDF : 704763.4/9

In: 4310.000+/-2.214 χ^2/NDF : 218403.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3811.854+/-1.351 χ^2/NDF : 704763.4/9

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5094.971+/-1494.830 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3482.830+/-1431.371 χ^2/NDF : 2.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

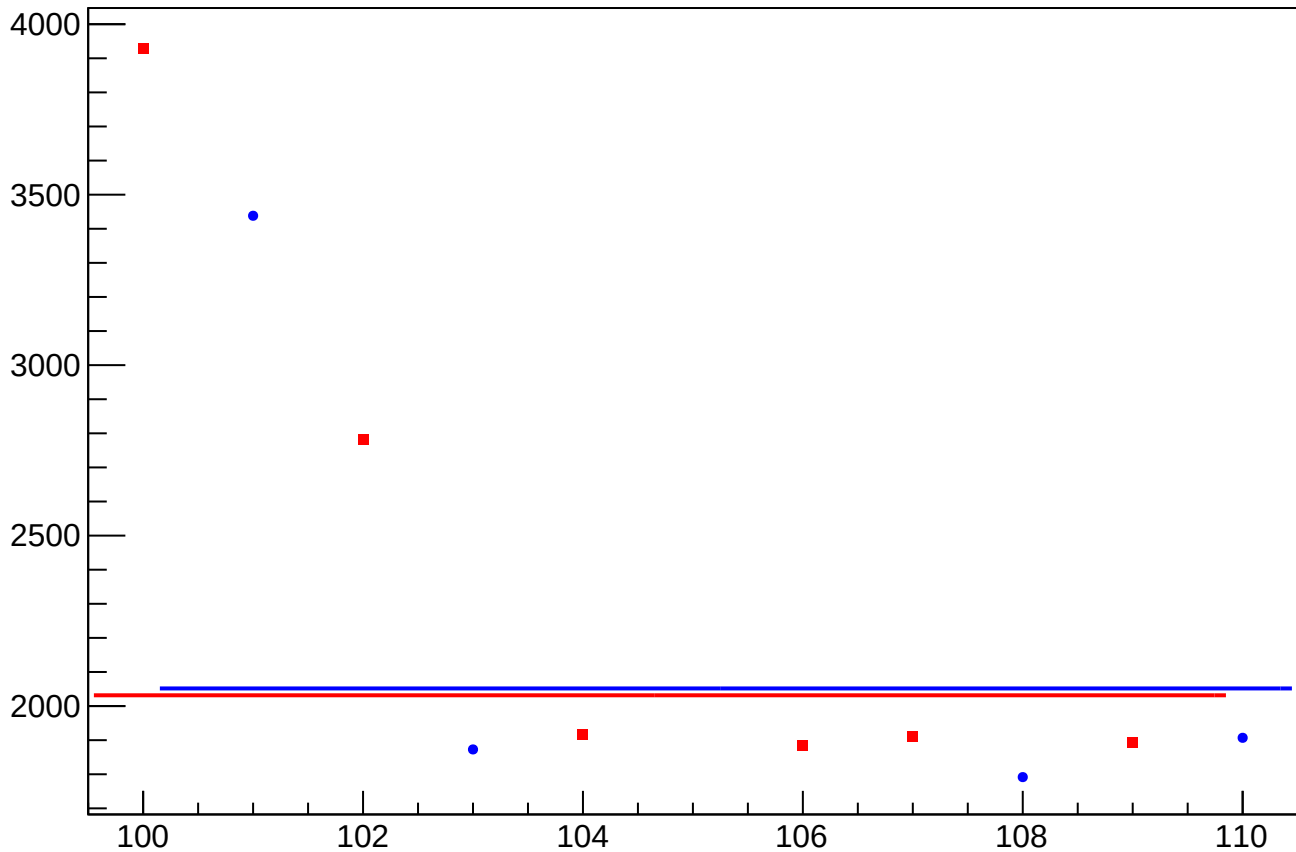
Right: 4253.955+/-1033.838 χ^2/NDF : 7.3/9

In: 5094.971+/-1494.830 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4253.955+/-1033.838 χ^2/NDF : 7.3/9

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2051.732+/-1.057 χ^2/NDF : 244100.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2031.634+/-1.008 χ^2/NDF : 117253.3/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

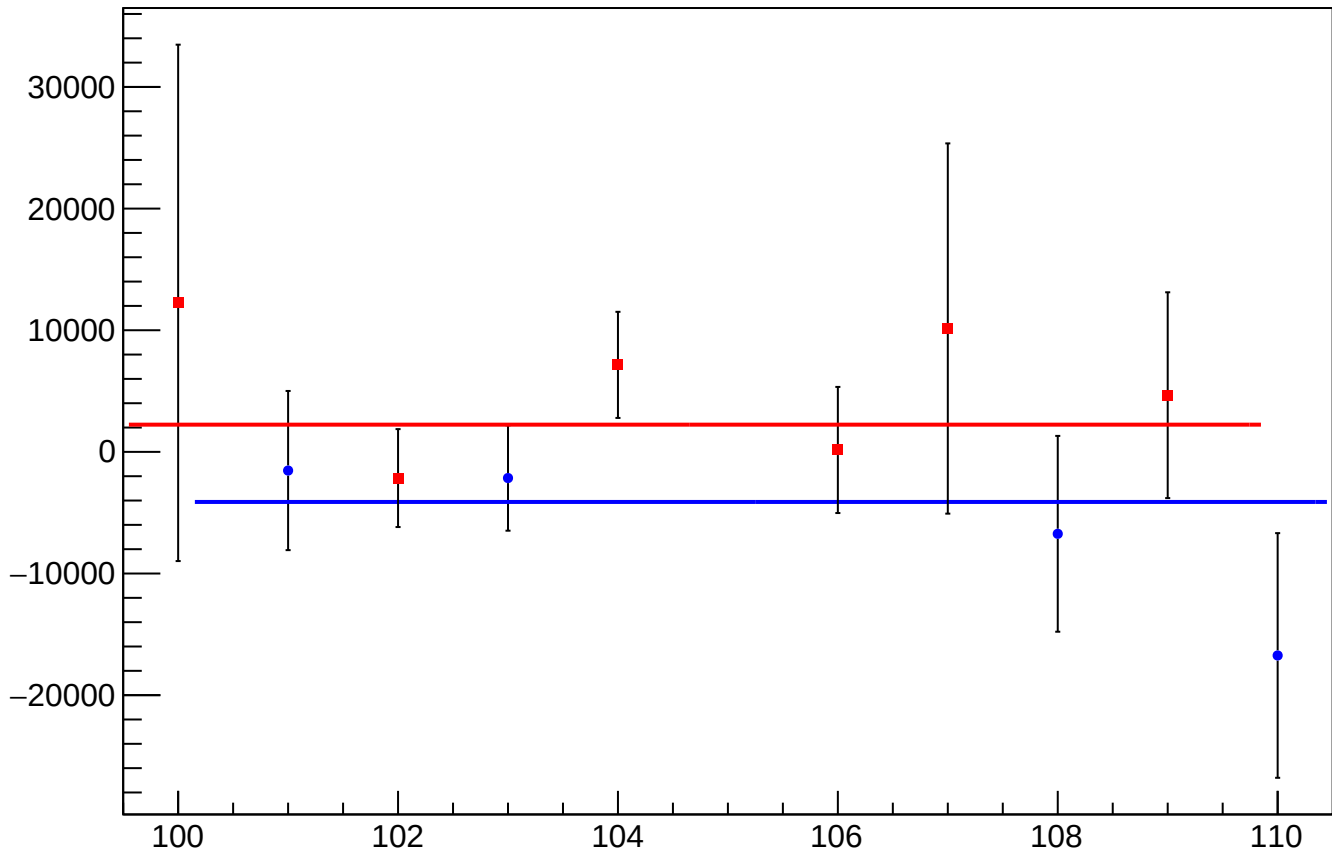
Right: 2041.205+/-0.729 χ^2/NDF : 361543.4/9

In: 2051.732+/-1.057 χ^2/NDF :244100.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2041.205+/-0.729 χ^2/NDF : 361543.4/9

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4116.160+/-3130.420 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2238.037+/-2411.340 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

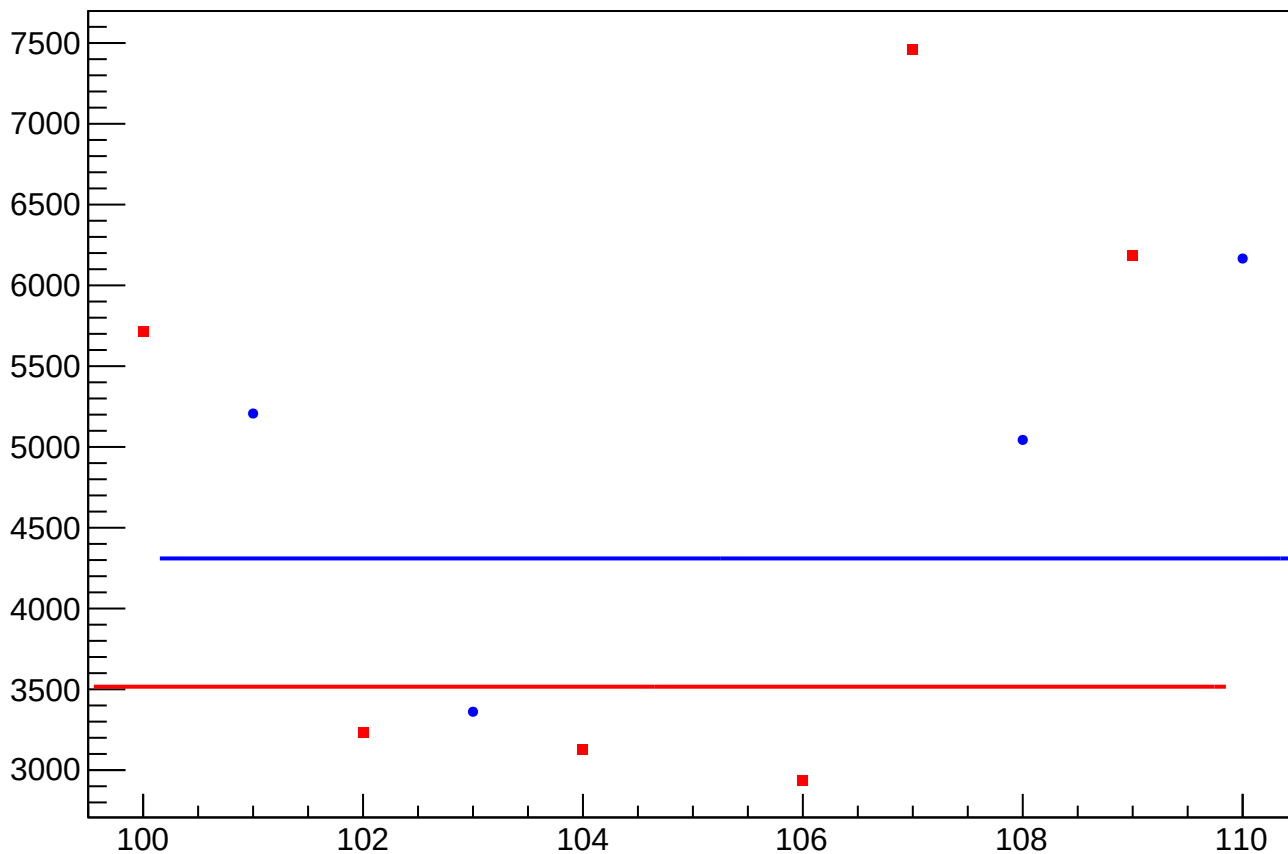
Right: -128.215+/-1910.305 χ^2/NDF : 7.8/9

In: -4116.160+/-3130.420 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.215+/-1910.305 χ^2/NDF : 7.8/9

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4309.992+/-2.214 χ^2/NDF : 218403.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3516.271+/-1.705 χ^2/NDF : 405664.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

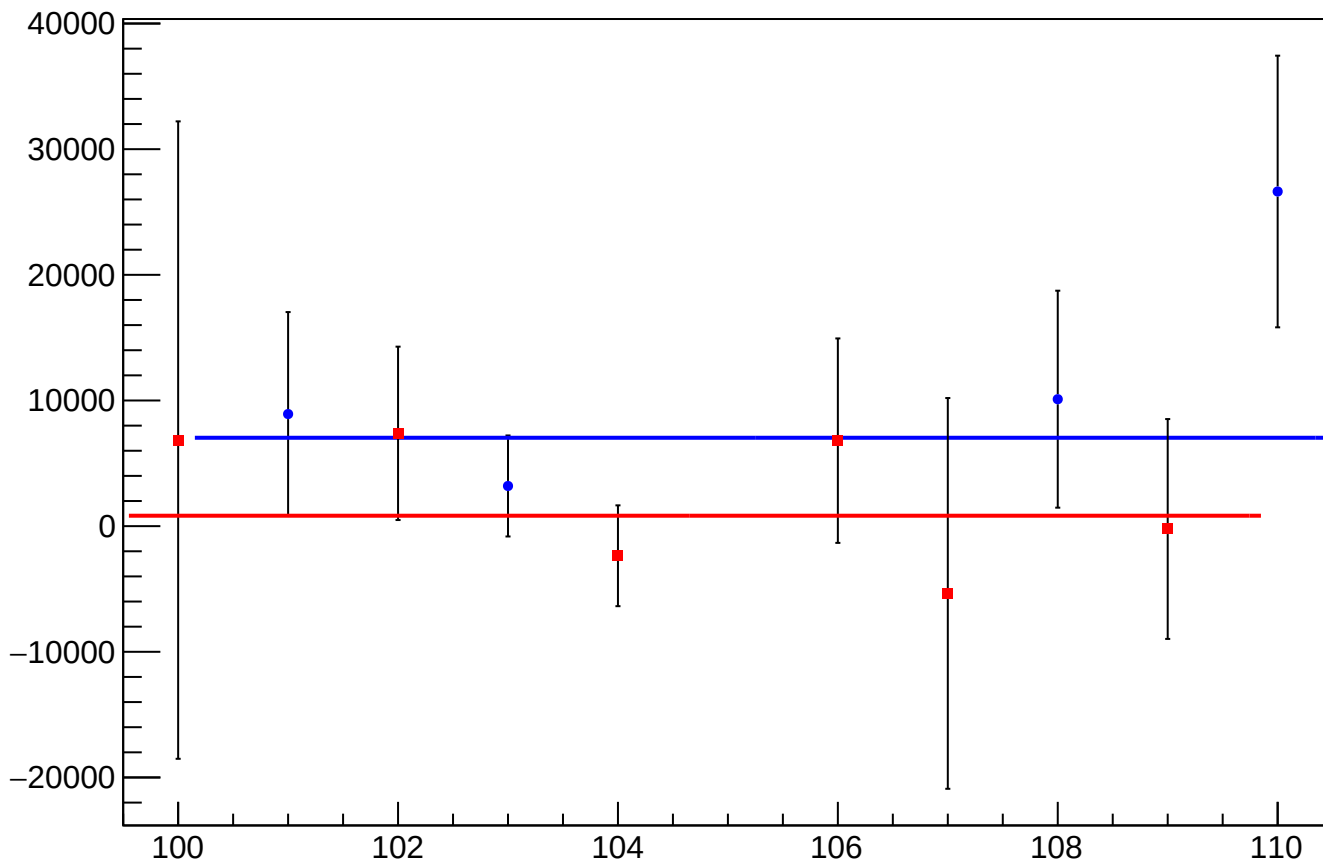
Right: 3811.846+/-1.351 χ^2/NDF : 704764.0/9

In: 4309.992+/-2.214 χ^2/NDF : 218403.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3811.846+/-1.351 χ^2/NDF : 704764.0/9

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 7033.993+/-3177.069 χ^2/NDF : 4.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 830.173+/-2923.511 χ^2/NDF : 2.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

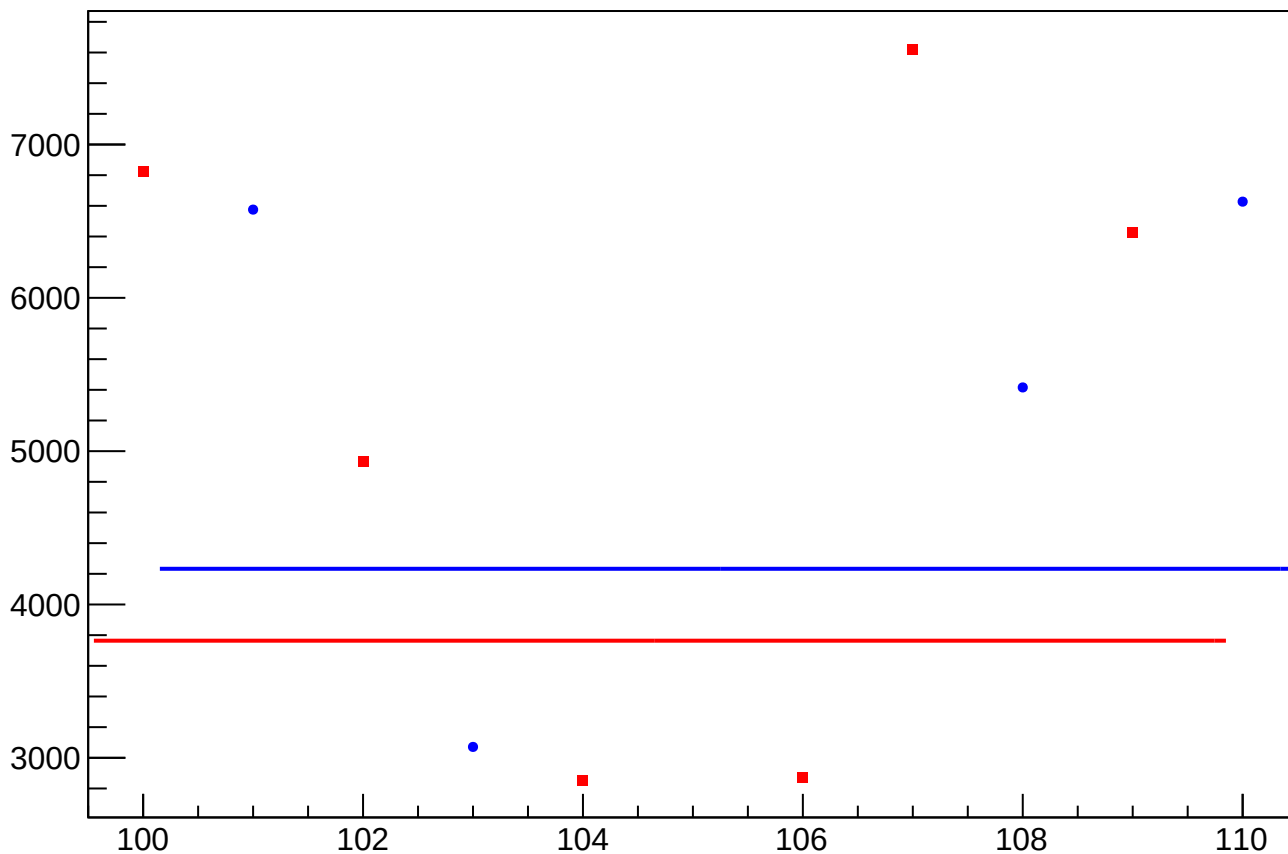
Right: 3674.679+/-2151.298 χ^2/NDF : 8.7/9

In: 7033.993+/-3177.069 χ^2/NDF : 4.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3674.679+/-2151.298 χ^2/NDF : 8.7/9

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4232.828+/-2.246 χ^2/NDF : 469478.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3763.902+/-1.974 χ^2/NDF : 540137.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

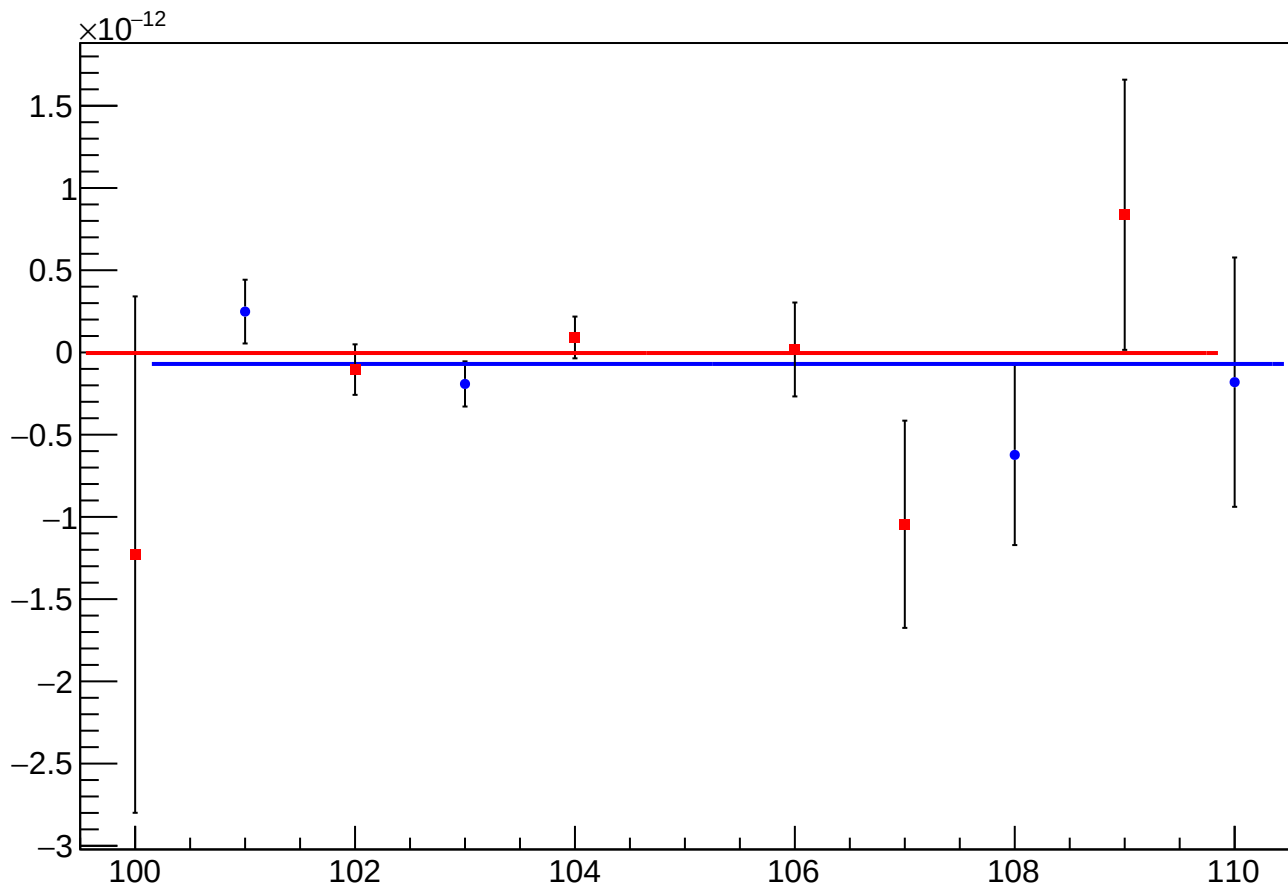
Right: 3968.270+/-1.483 χ^2/NDF : 1034199.0/9

In: 4232.828+/-2.246 χ^2/NDF : 469478.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3968.270+/-1.483 χ^2/NDF : 1034199.0/9

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

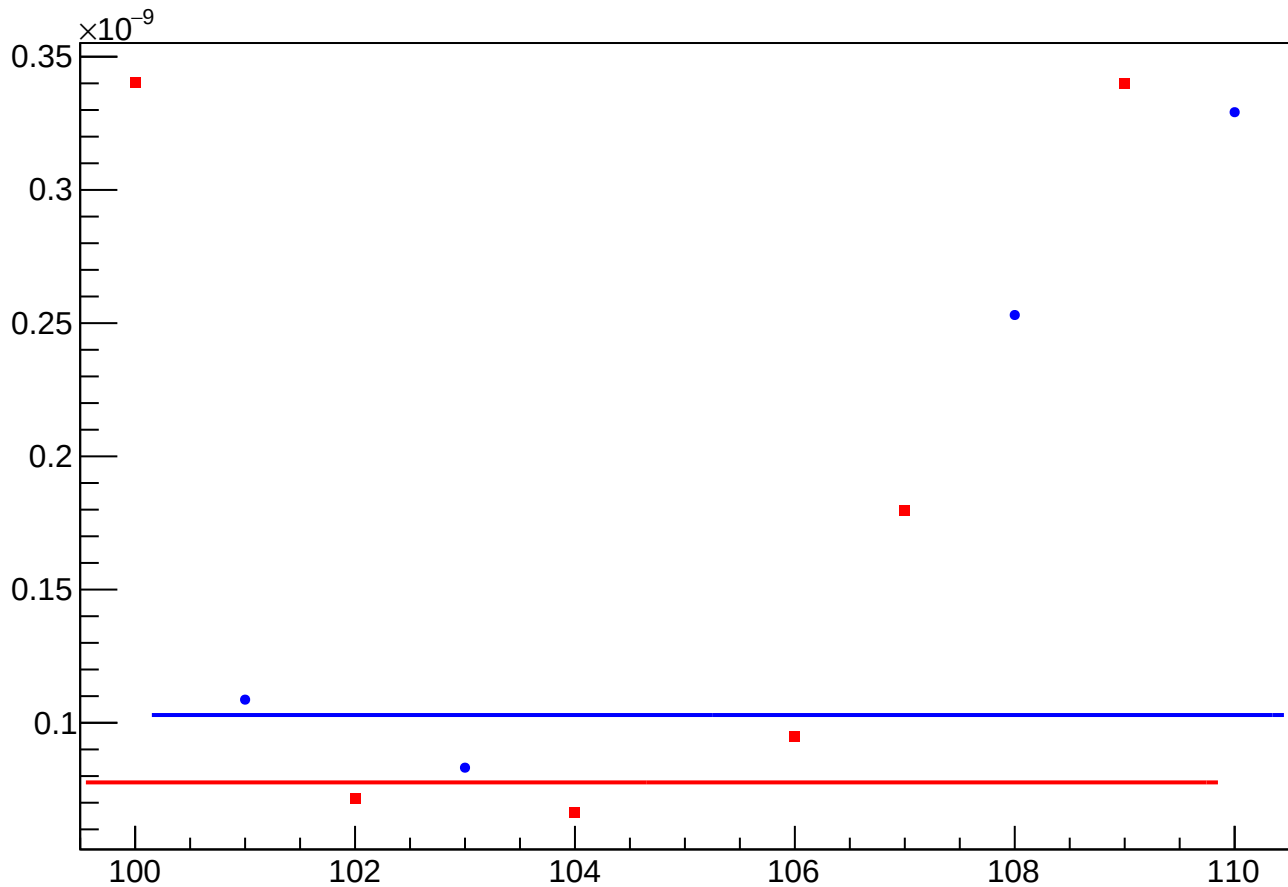
Right: -0.000+/-0.000 χ^2/NDF : 10.1/9

In: -0.000+/-0.000 χ^2/NDF :4.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.1/9

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 371320.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 338759.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

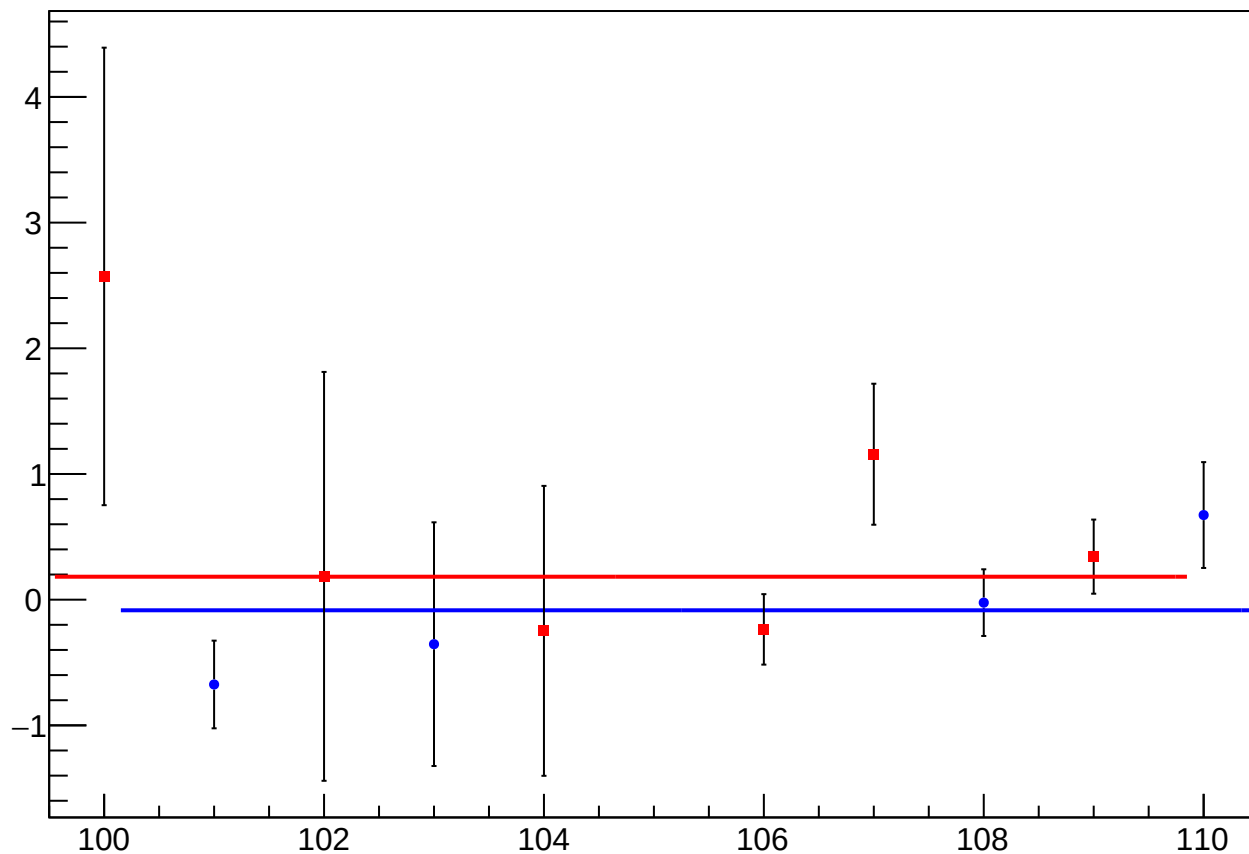
Right: 0.000+/-0.000 χ^2/NDF : 773825.0/9

In: 0.000+/-0.000 χ^2/NDF : 371320.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 773825.0/9

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084+/-0.185 χ^2/NDF : 6.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.183+/-0.186 χ^2/NDF : 7.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

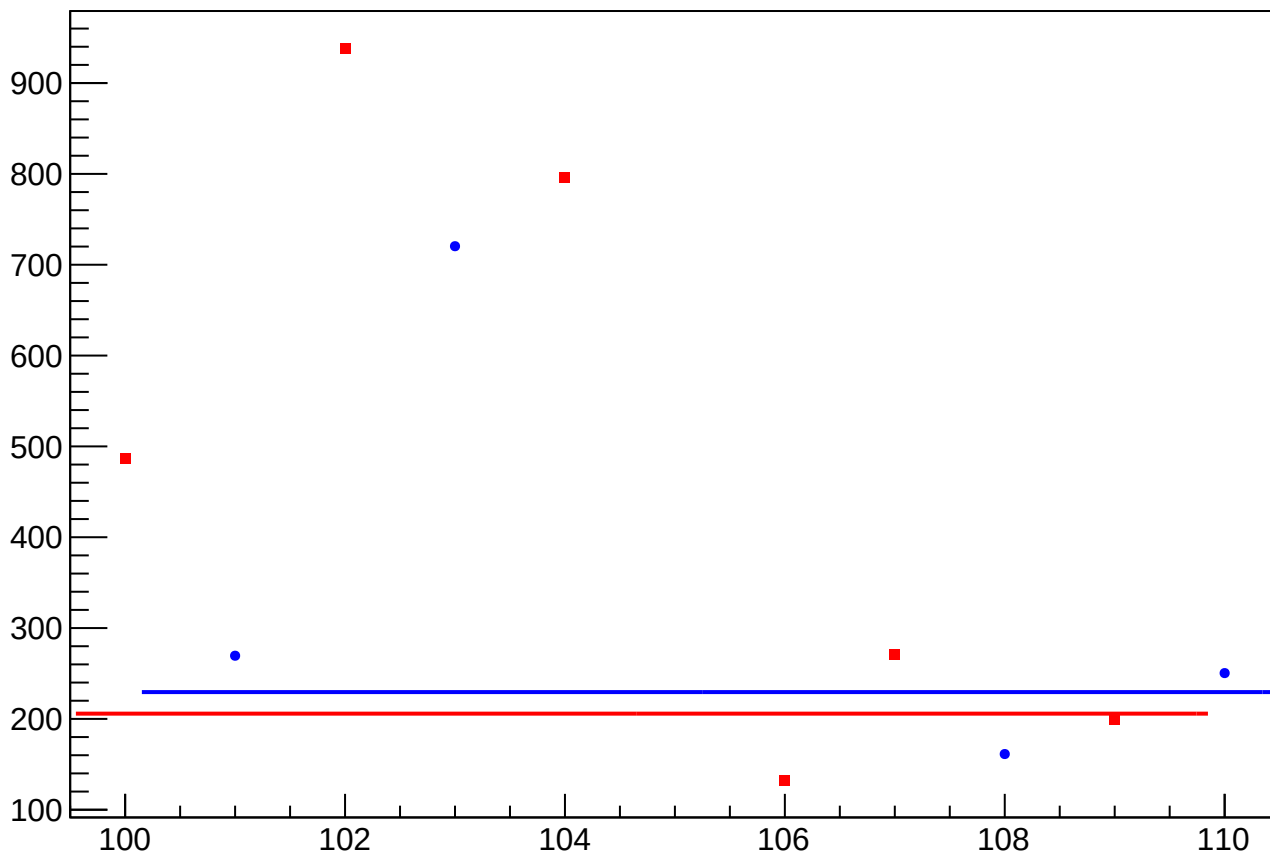
Right: 0.048+/-0.131 χ^2/NDF : 14.7/9

In: -0.084+/-0.185 χ^2/NDF :6.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.048+/-0.131 χ^2/NDF : 14.7/9

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 229.518+/-0.131 χ^2/NDF : 676276.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.791+/-0.132 χ^2/NDF : 1142338.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

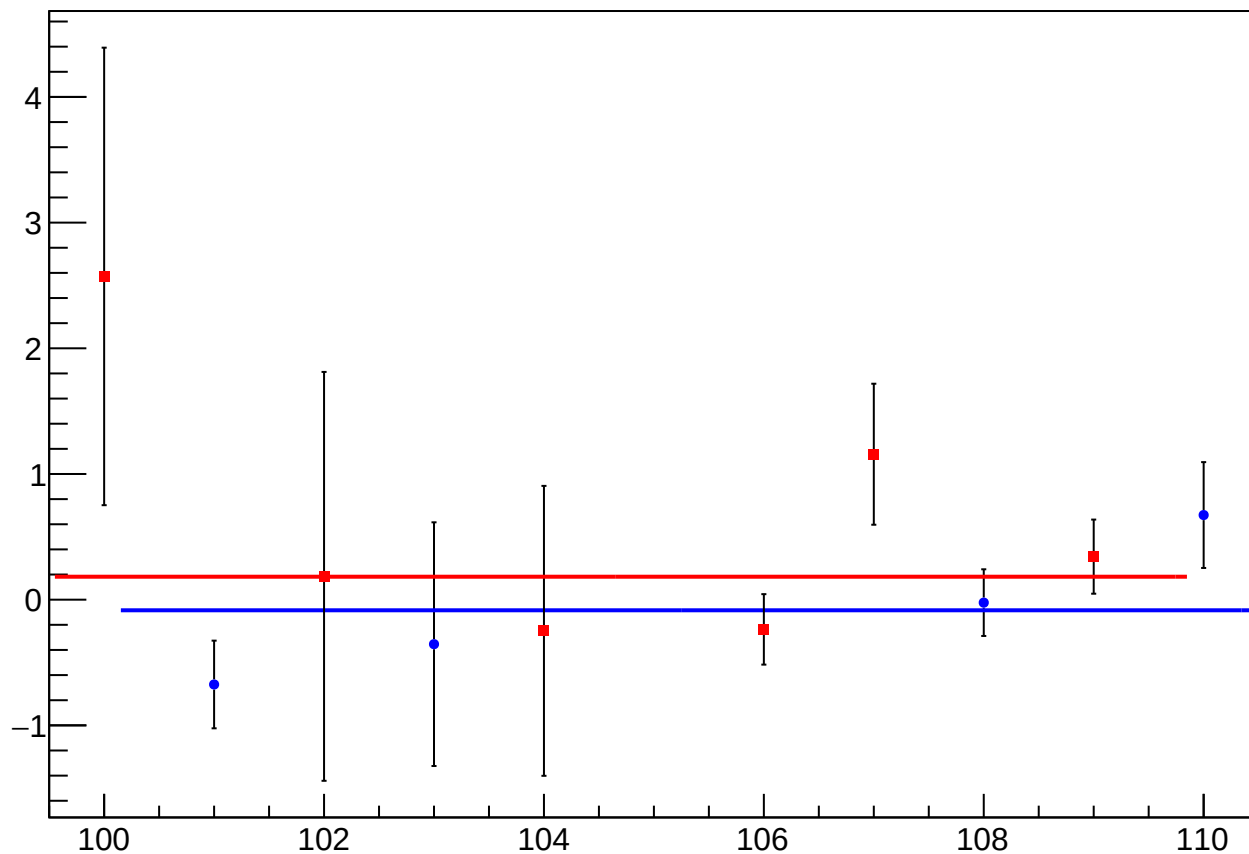
Right: 217.716+/-0.093 χ^2/NDF : 1834932.2/9

In: 229.518+/-0.131 χ^2/NDF : 676276.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.716+/-0.093 χ^2/NDF : 1834932.2/9

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084+/-0.185 χ^2/NDF : 6.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.183+/-0.186 χ^2/NDF : 7.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

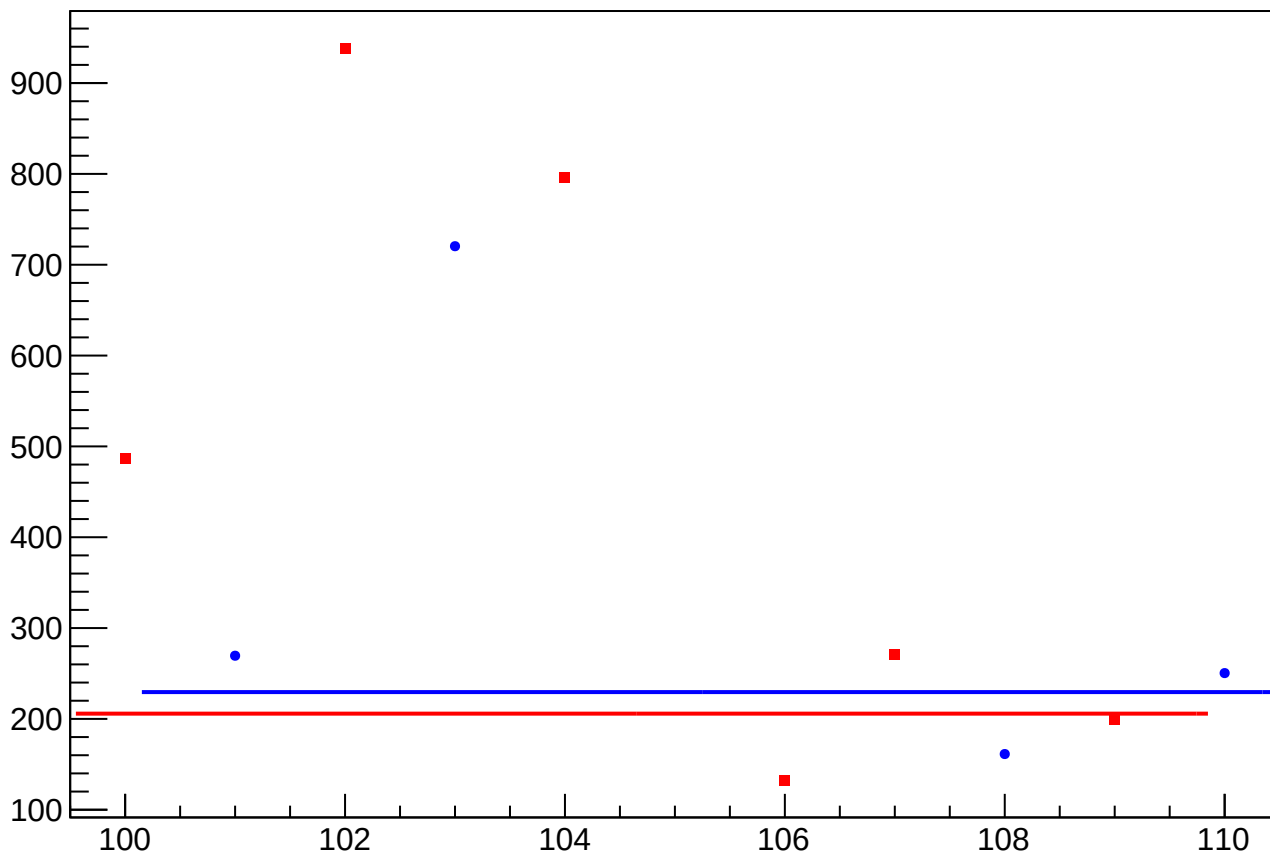
Right: 0.048+/-0.131 χ^2/NDF : 14.7/9

In: -0.084+/-0.185 χ^2/NDF : 6.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.131 χ^2/NDF : 14.7/9

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 229.518+/-0.131 χ^2/NDF : 676276.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 205.791+/-0.132 χ^2/NDF : 1142338.2/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

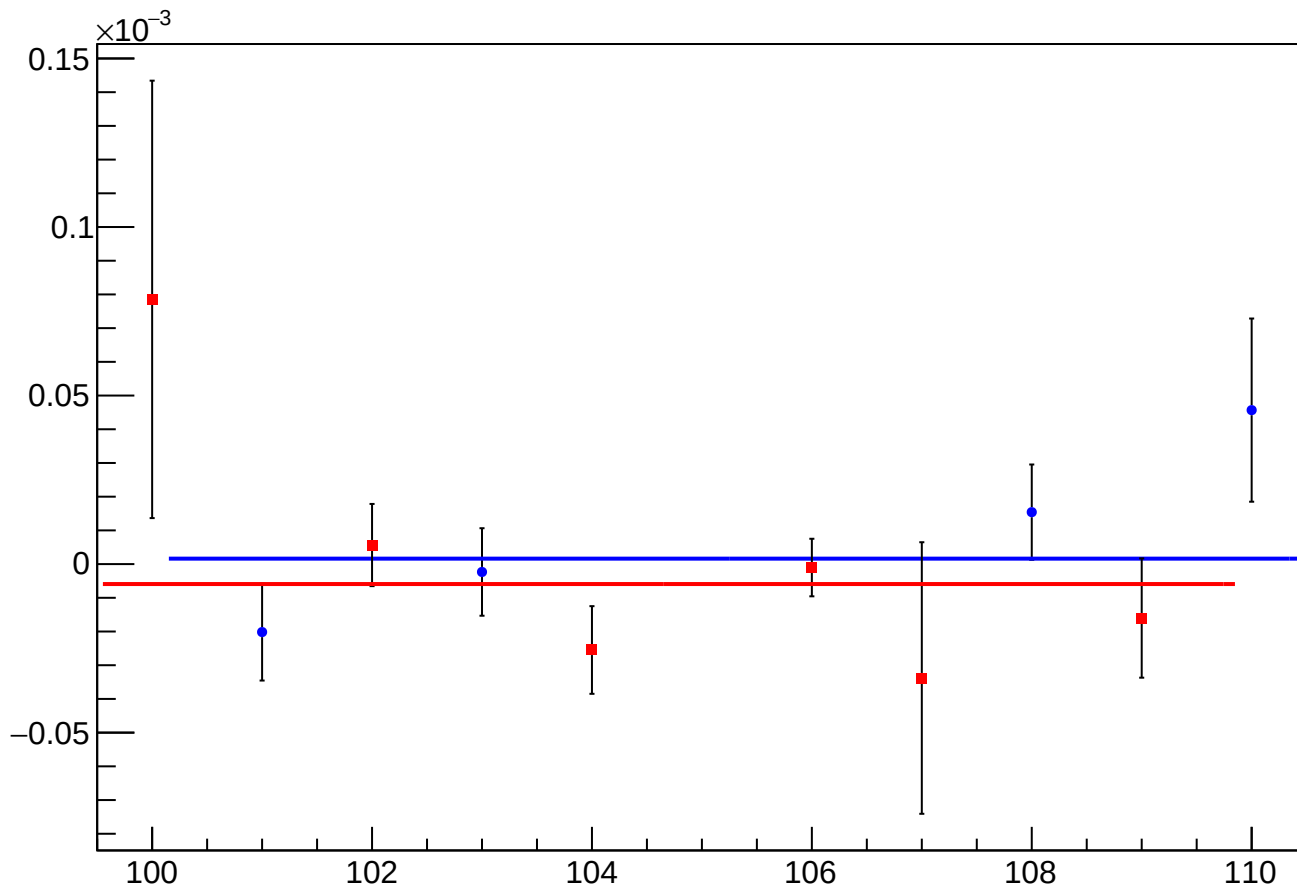
Right: 217.716+/-0.093 χ^2/NDF : 1834932.2/9

In: 229.518+/-0.131 χ^2/NDF :676276.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 217.716+/-0.093 χ^2/NDF : 1834932.2/9

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

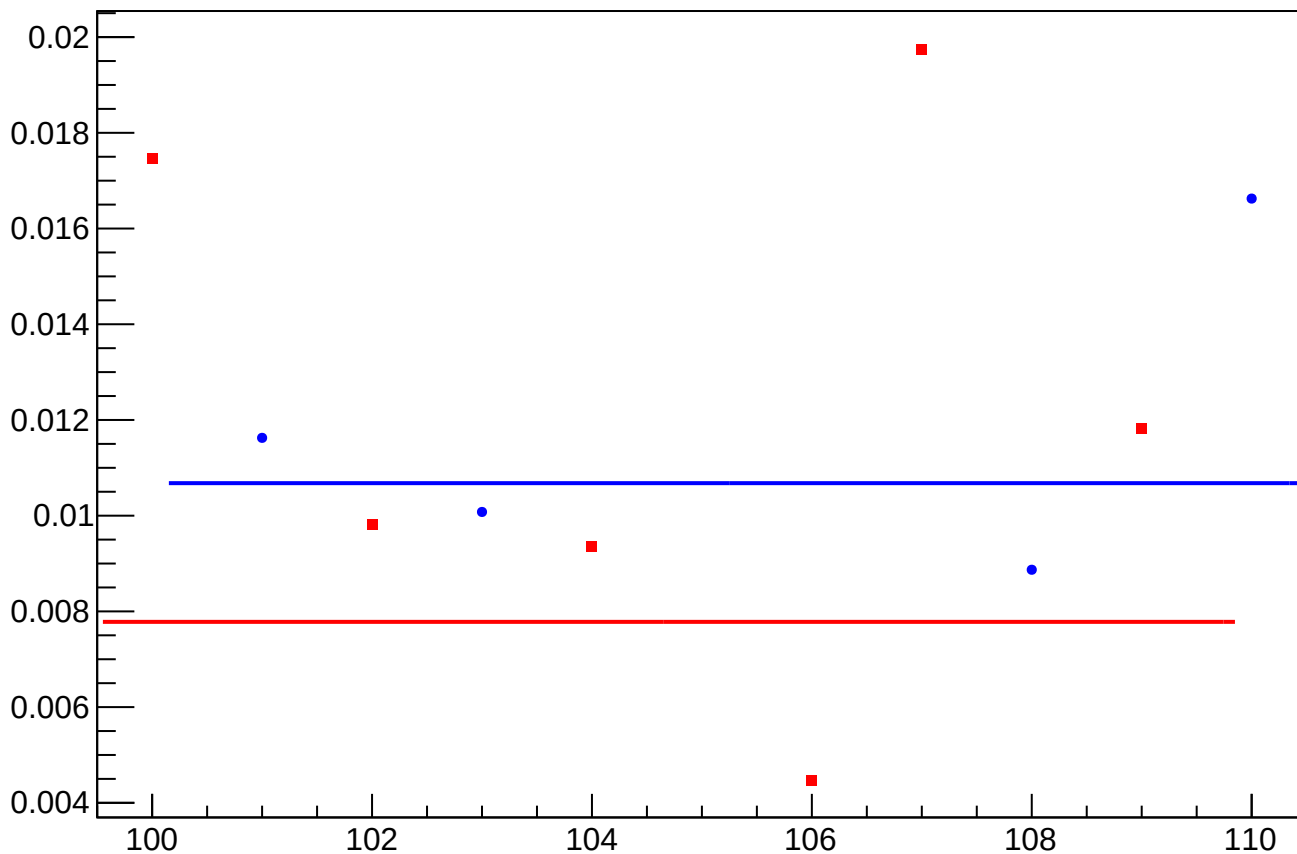
Right: -0.000+/-0.000 χ^2/NDF : 12.6/9

In: 0.000+/-0.000 χ^2/NDF : 6.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.6/9

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 141516.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 711371.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

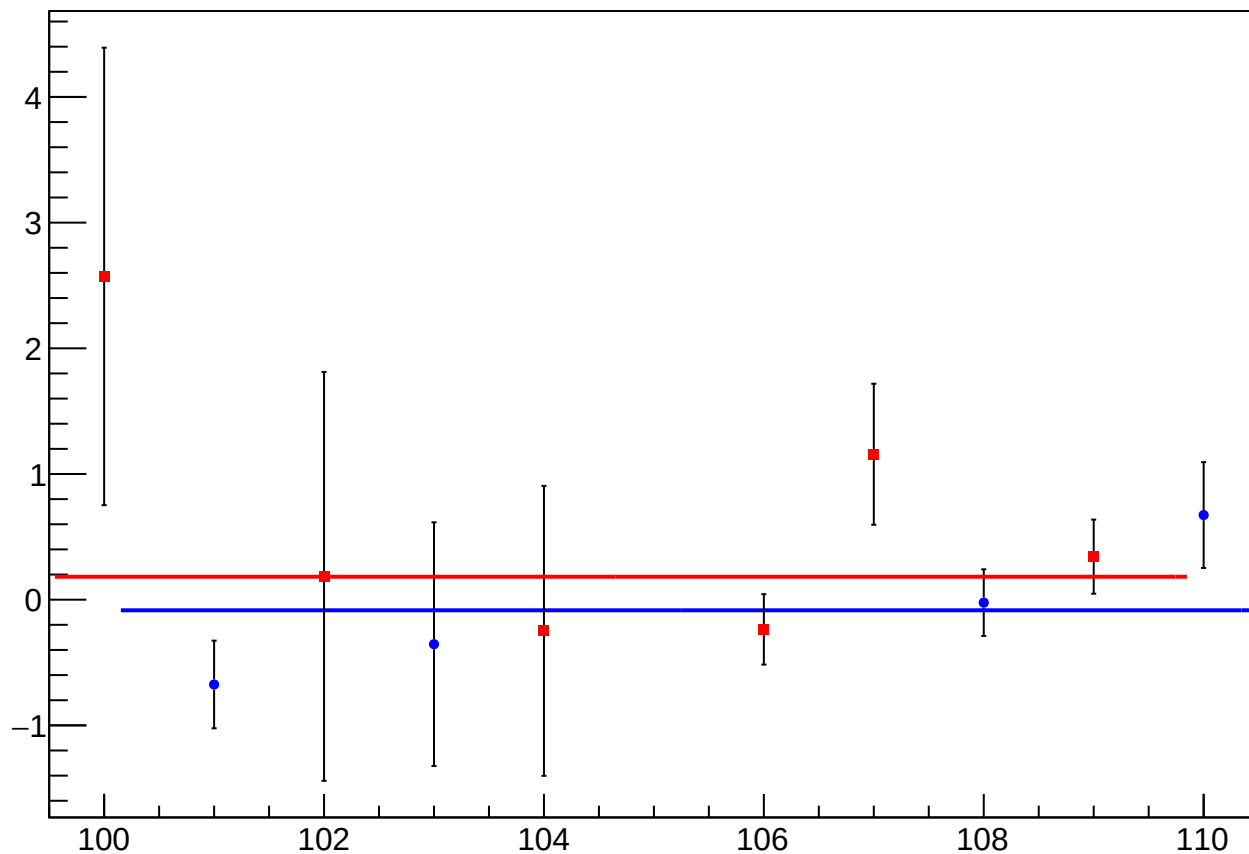
Right: 0.009+/-0.000 χ^2/NDF : 1036952.4/9

In: 0.011+/-0.000 χ^2/NDF : 141516.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 1036952.4/9

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084+/-0.185 χ^2/NDF : 6.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.183+/-0.186 χ^2/NDF : 7.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

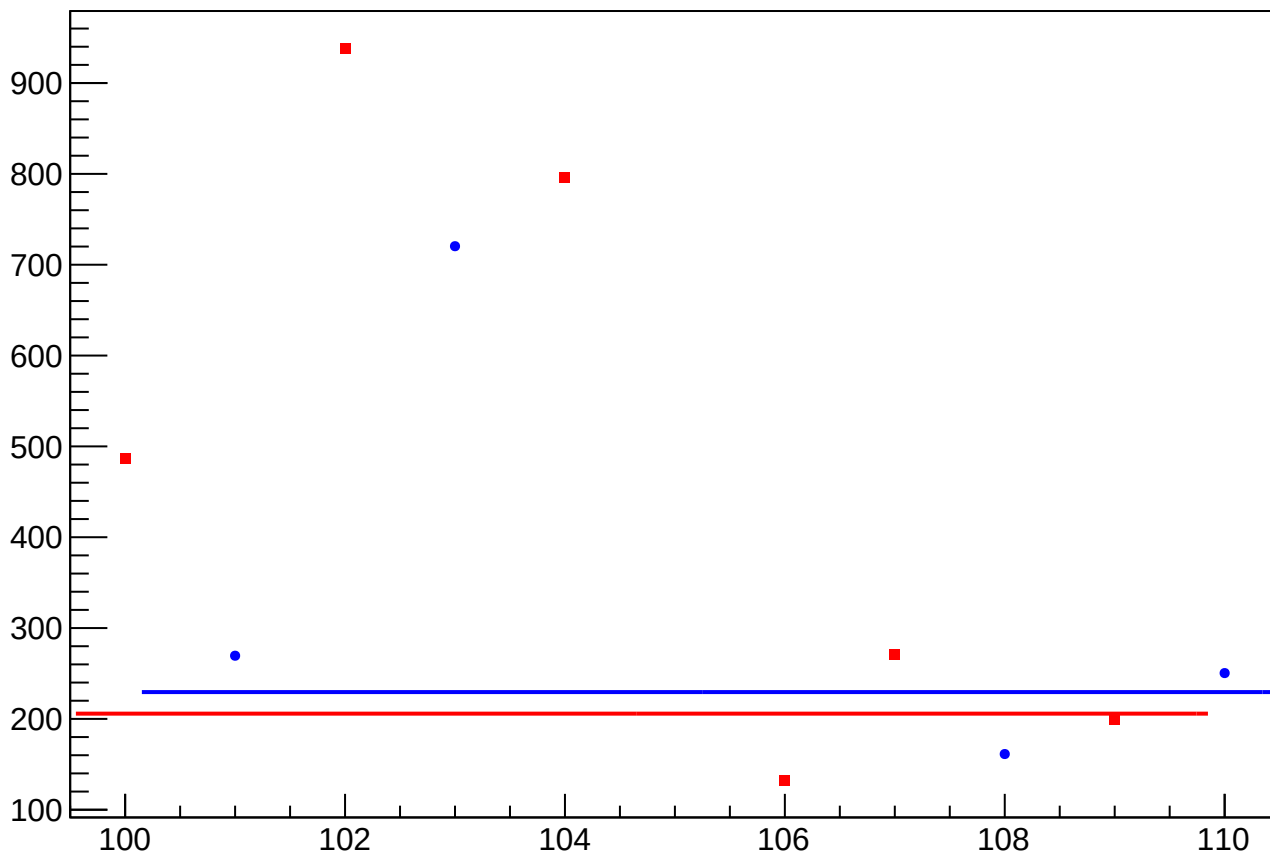
Right: 0.048+/-0.131 χ^2/NDF : 14.7/9

In: -0.084+/-0.185 χ^2/NDF : 6.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.131 χ^2/NDF : 14.7/9

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 229.522+/-0.131 χ^2/NDF : 676254.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.791+/-0.132 χ^2/NDF : 1142335.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

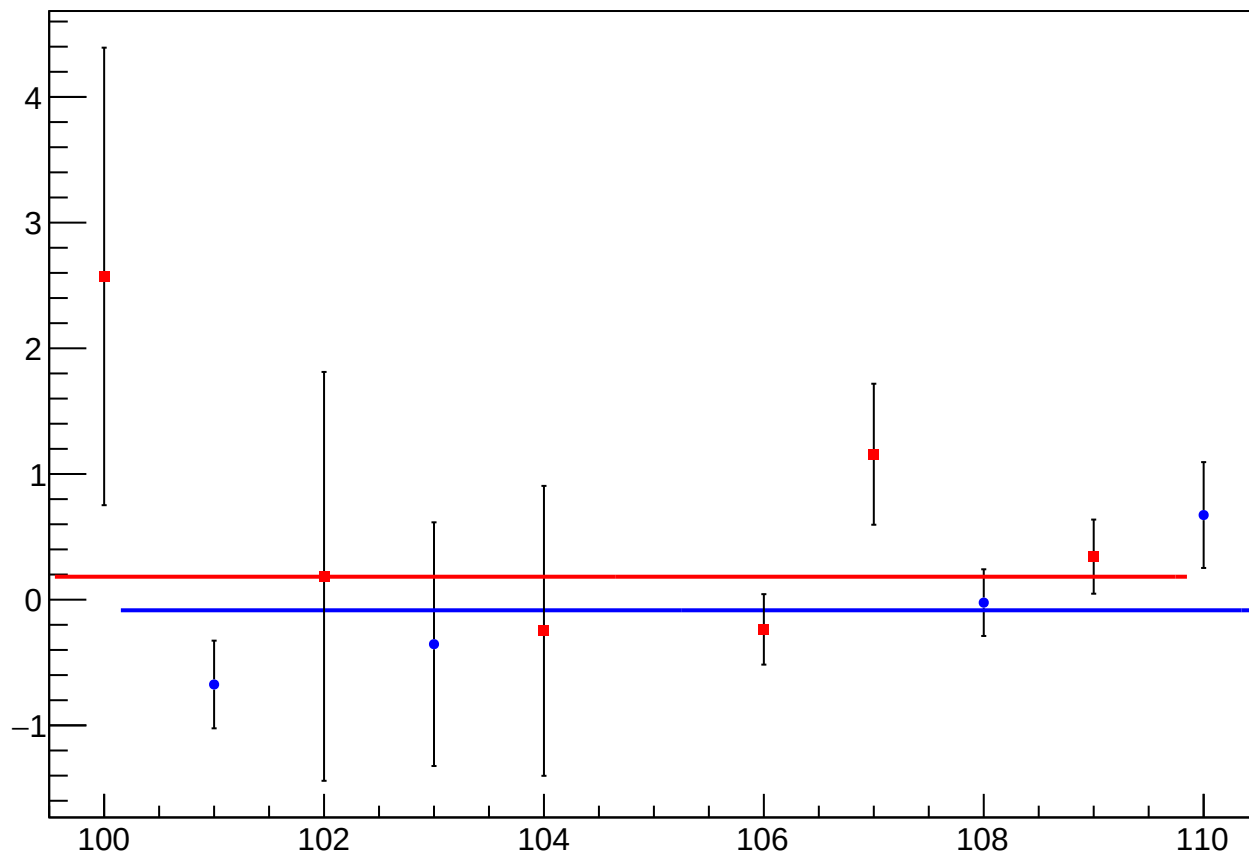
Right: 217.718+/-0.093 χ^2/NDF : 1834914.2/9

In: 229.522+/-0.131 χ^2/NDF : 676254.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.718+/-0.093 χ^2/NDF : 1834914.2/9

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084+/-0.185 χ^2/NDF : 6.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.183+/-0.186 χ^2/NDF : 7.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

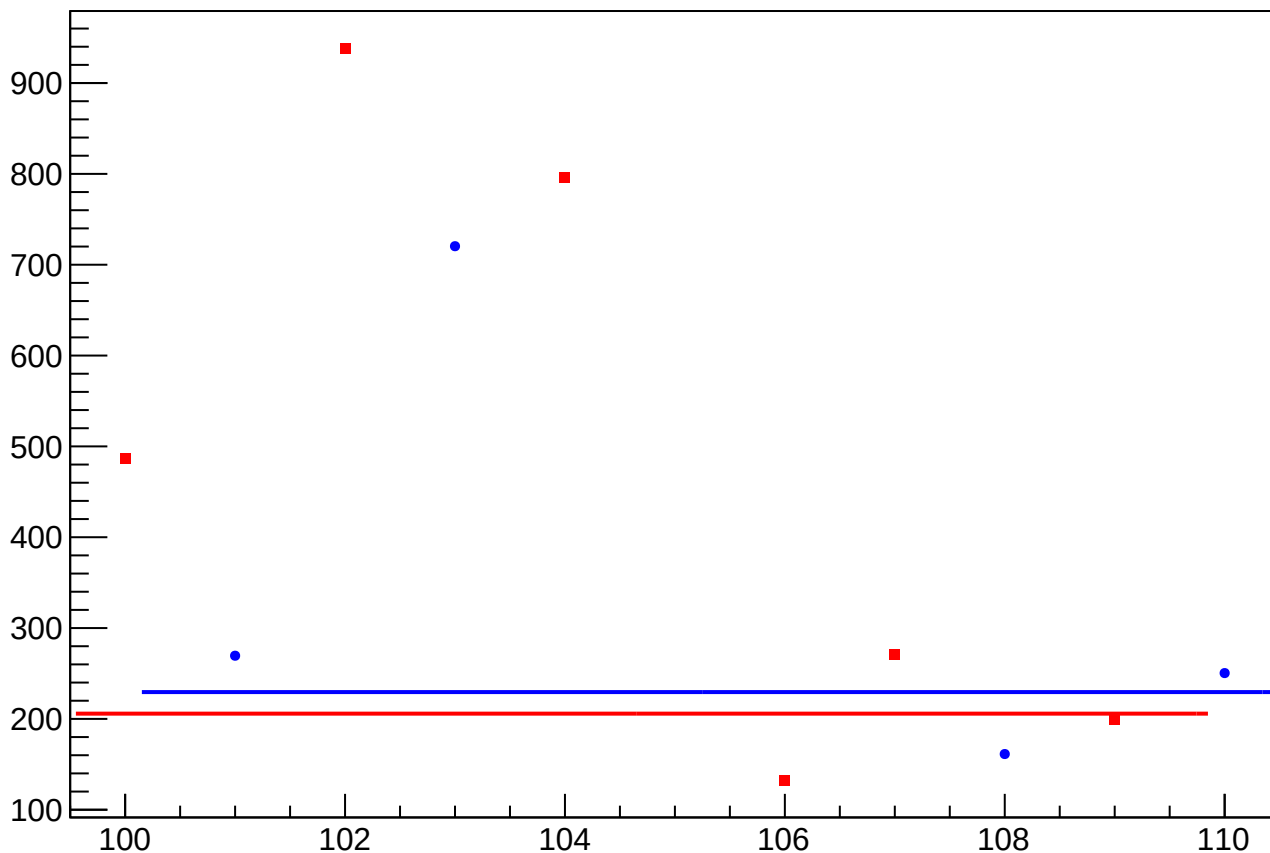
Right: 0.048+/-0.131 χ^2/NDF : 14.7/9

In: -0.084+/-0.185 χ^2/NDF :6.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.048+/-0.131 χ^2/NDF : 14.7/9

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 229.522+/-0.131 χ^2/NDF : 676254.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.791+/-0.132 χ^2/NDF : 1142335.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

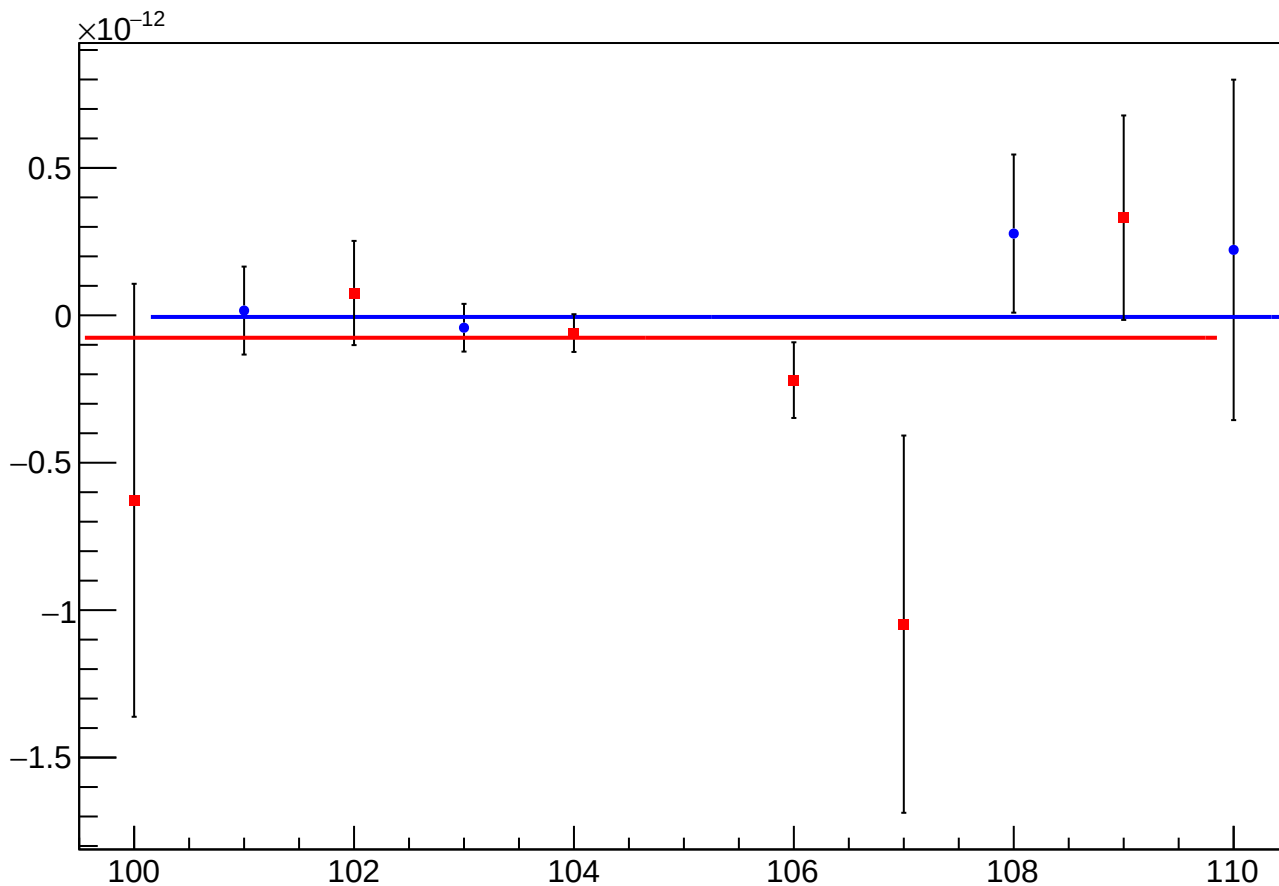
Right: 217.718+/-0.093 χ^2/NDF : 1834914.2/9

In: 229.522+/-0.131 χ^2/NDF : 676254.8/3

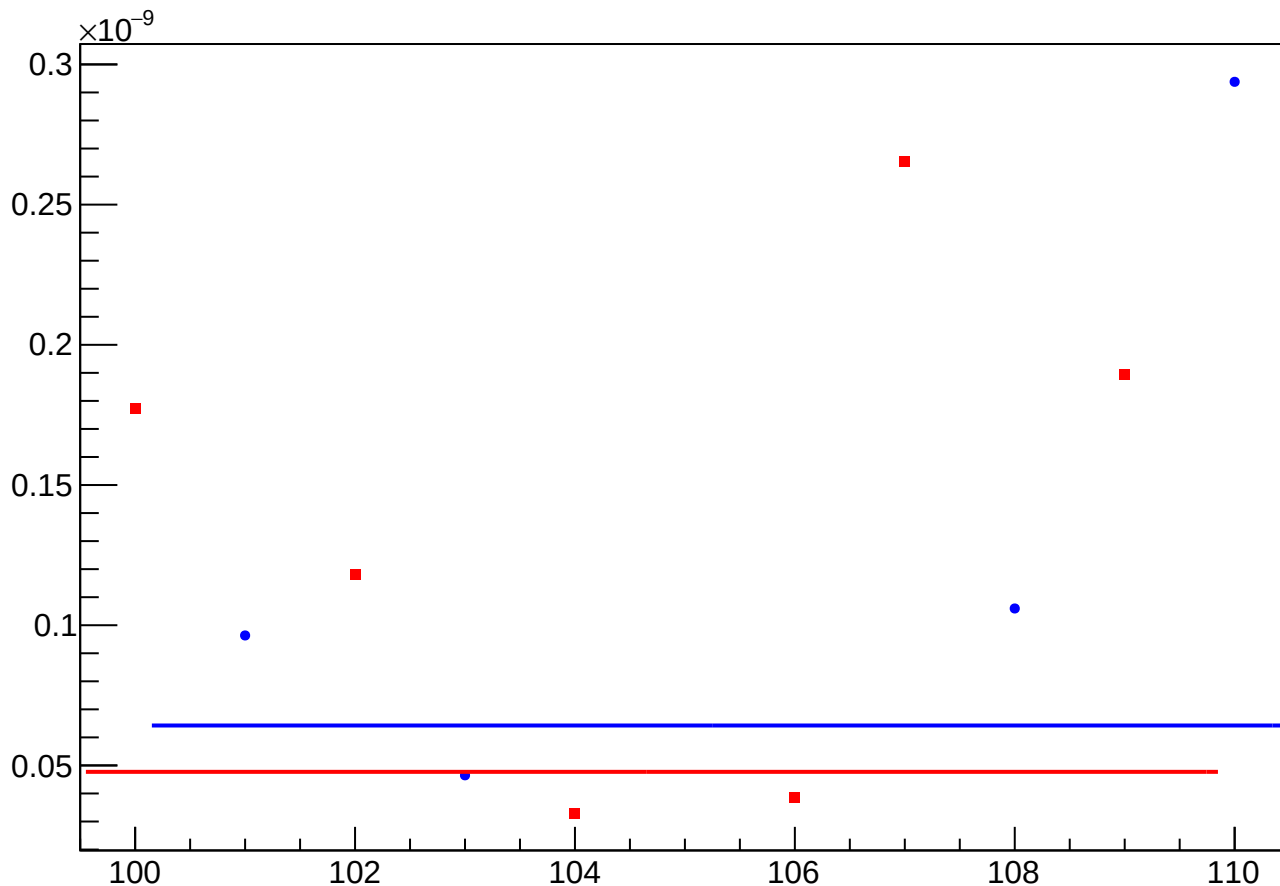
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.718+/-0.093 χ^2/NDF : 1834914.2/9

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 553504.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1064832.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

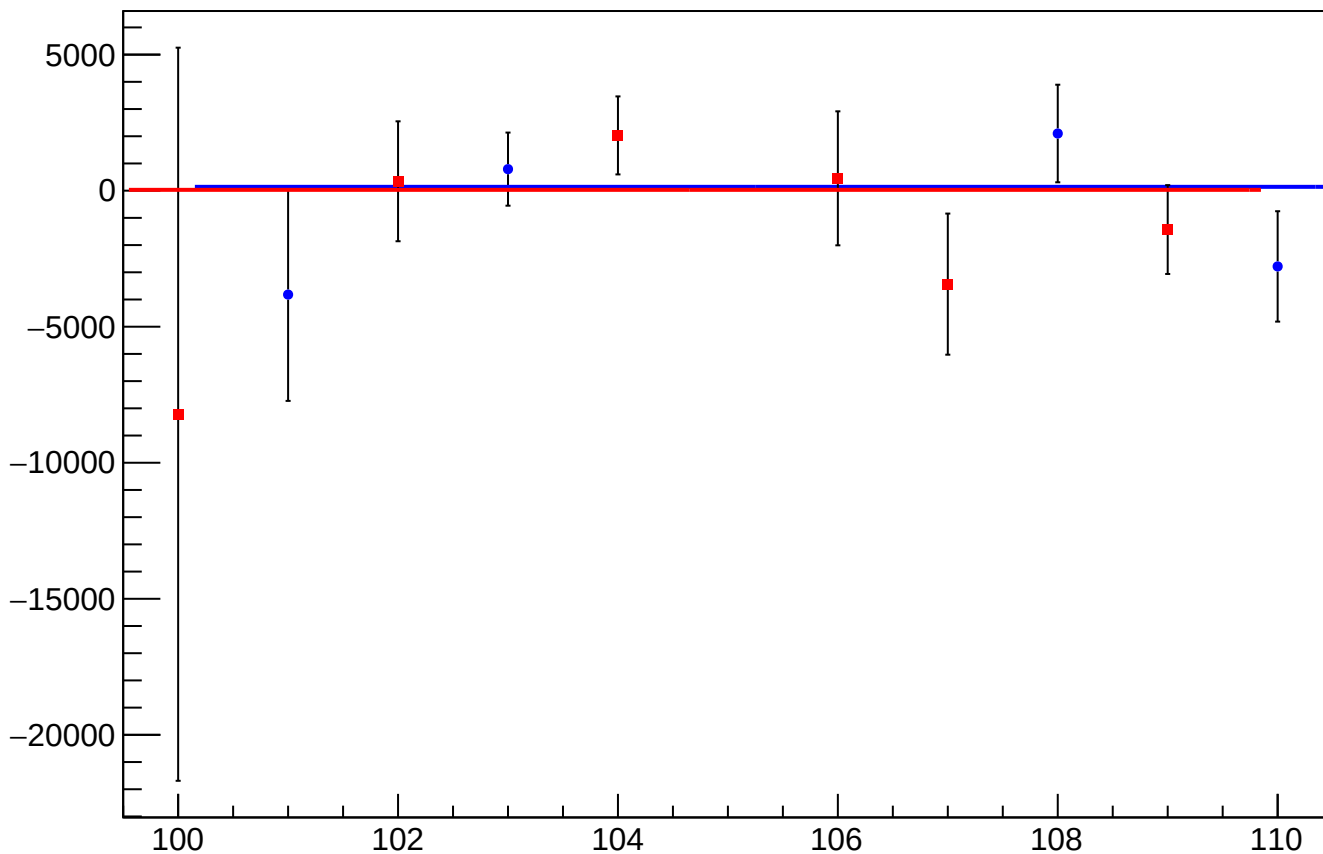
Right: 0.000+/-0.000 χ^2/NDF : 1690941.1/9

In: 0.000+/-0.000 χ^2/NDF : 553504.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1690941.1/9

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 140.925+/-923.107 χ^2/NDF : 4.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.123+/-849.140 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

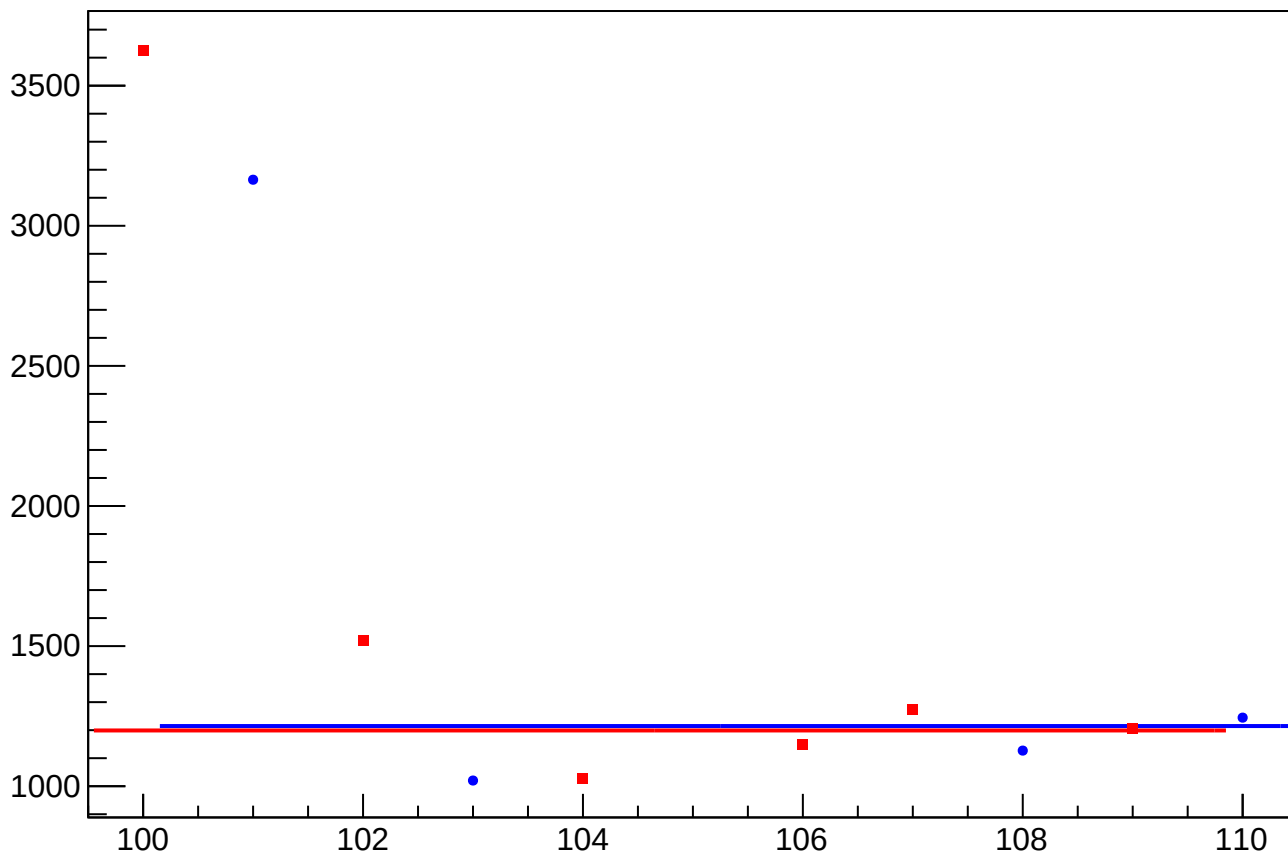
Right: 80.908+/-624.948 χ^2/NDF : 9.5/9

In: 140.925+/-923.107 χ^2/NDF : 4.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.908+/-624.948 χ^2/NDF : 9.5/9

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1214.709+/-0.653 χ^2/NDF : 545046.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1198.957+/-0.596 χ^2/NDF : 139185.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

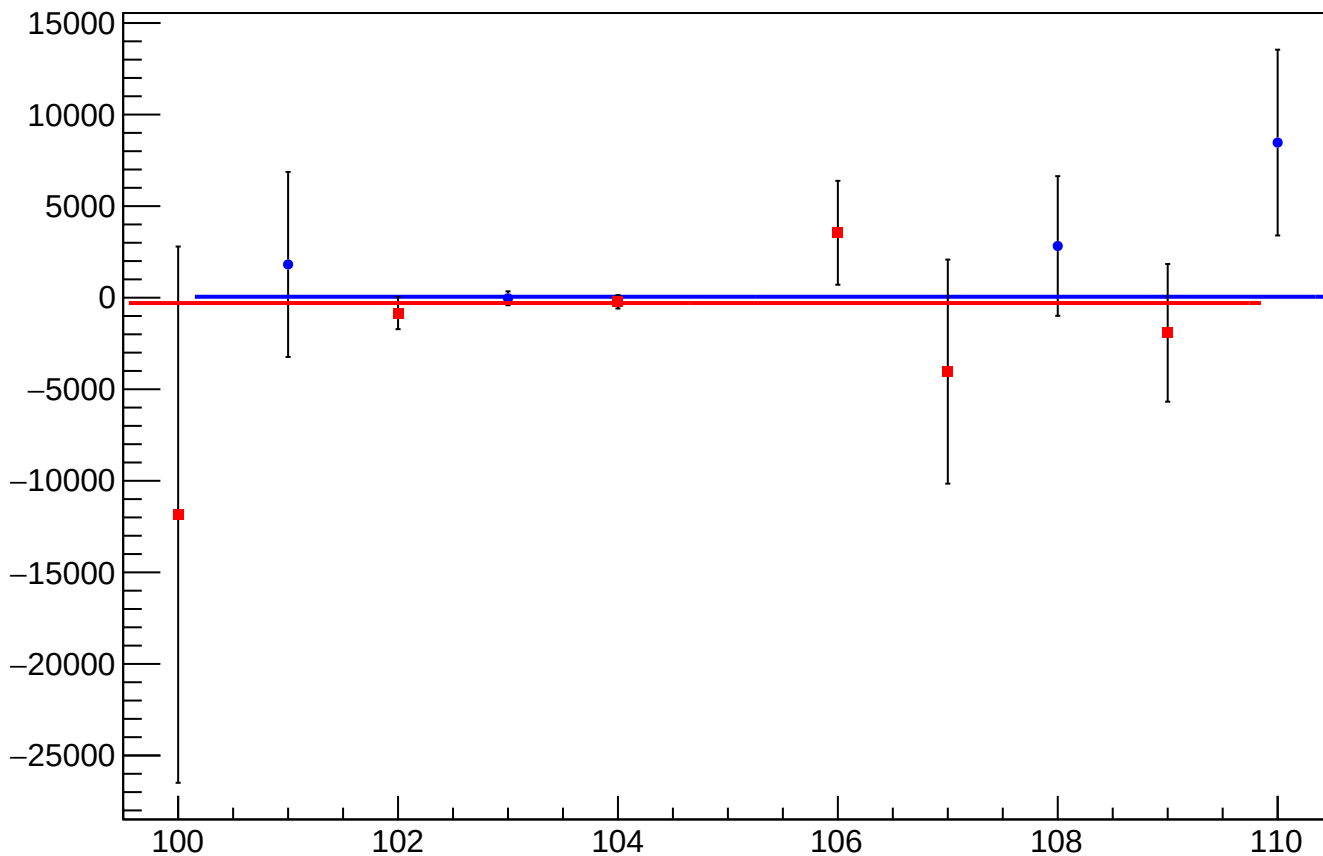
Right: 1206.122+/-0.440 χ^2/NDF : 684549.2/9

In: 1214.709+/-0.653 χ^2/NDF : 545046.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1206.122+/-0.440 χ^2/NDF : 684549.2/9

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 51.284+/-373.721 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -292.088+/-333.616 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

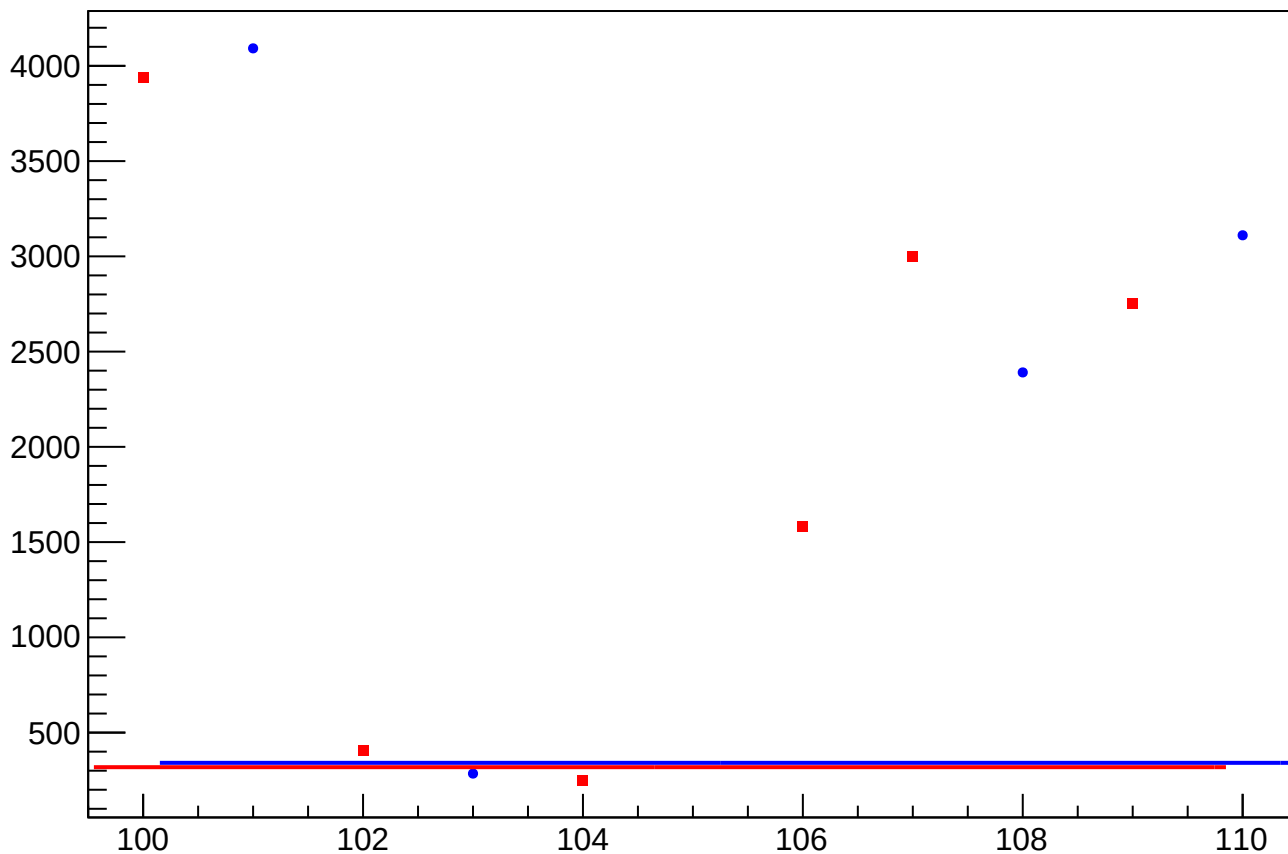
Right: -139.808+/-248.878 χ^2/NDF : 7.4/9

In: 51.284+/-373.721 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.808+/-248.878 χ^2/NDF : 7.4/9

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 341.286+/-0.264 χ^2/NDF : 2320356.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 318.452+/-0.236 χ^2/NDF : 1836328.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

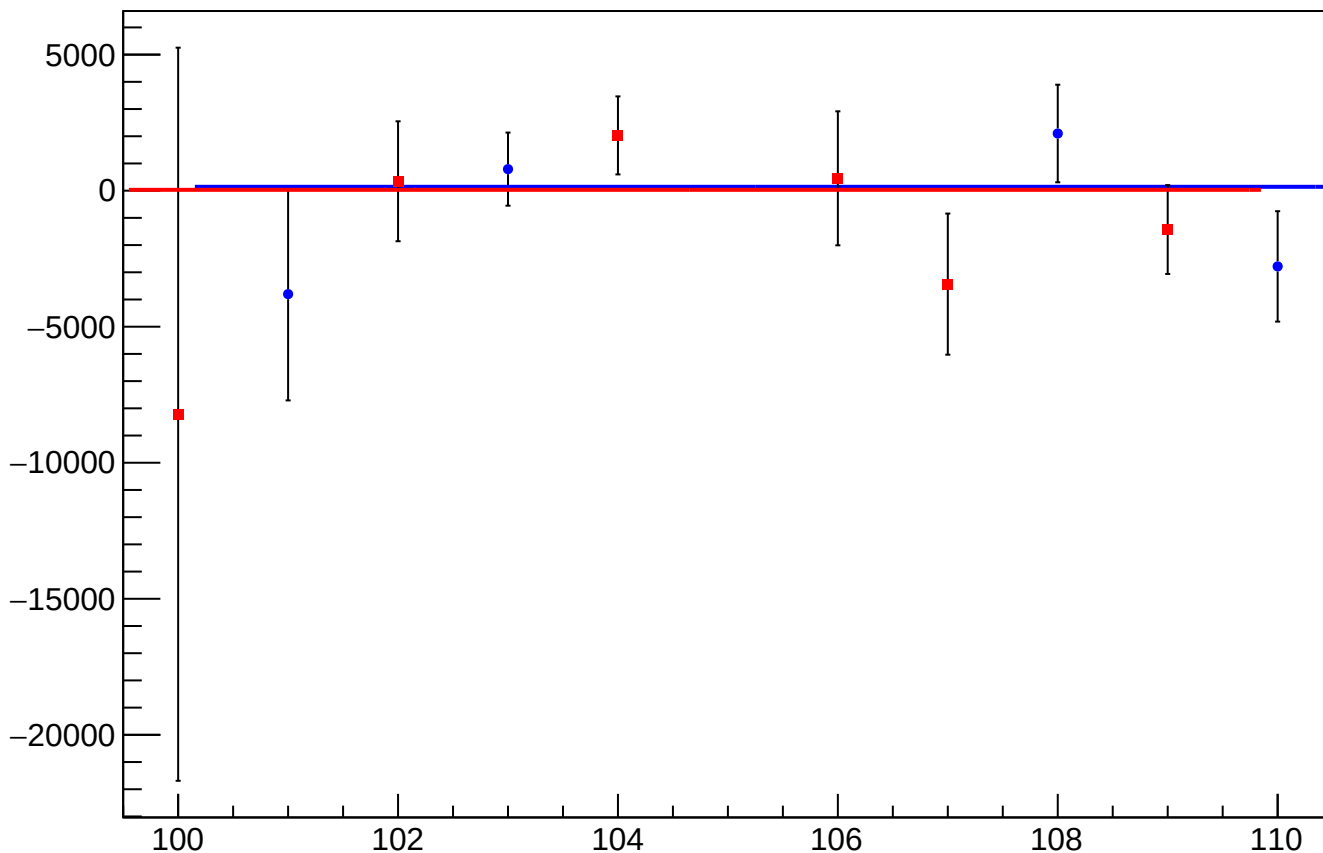
Right: 328.579+/-0.176 χ^2/NDF : 4160839.7/9

In: 341.286+/-0.264 χ^2/NDF : 2320356.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.579+/-0.176 χ^2/NDF : 4160839.7/9

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 141.836+/-923.108 χ^2/NDF : 4.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.440+/-849.140 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

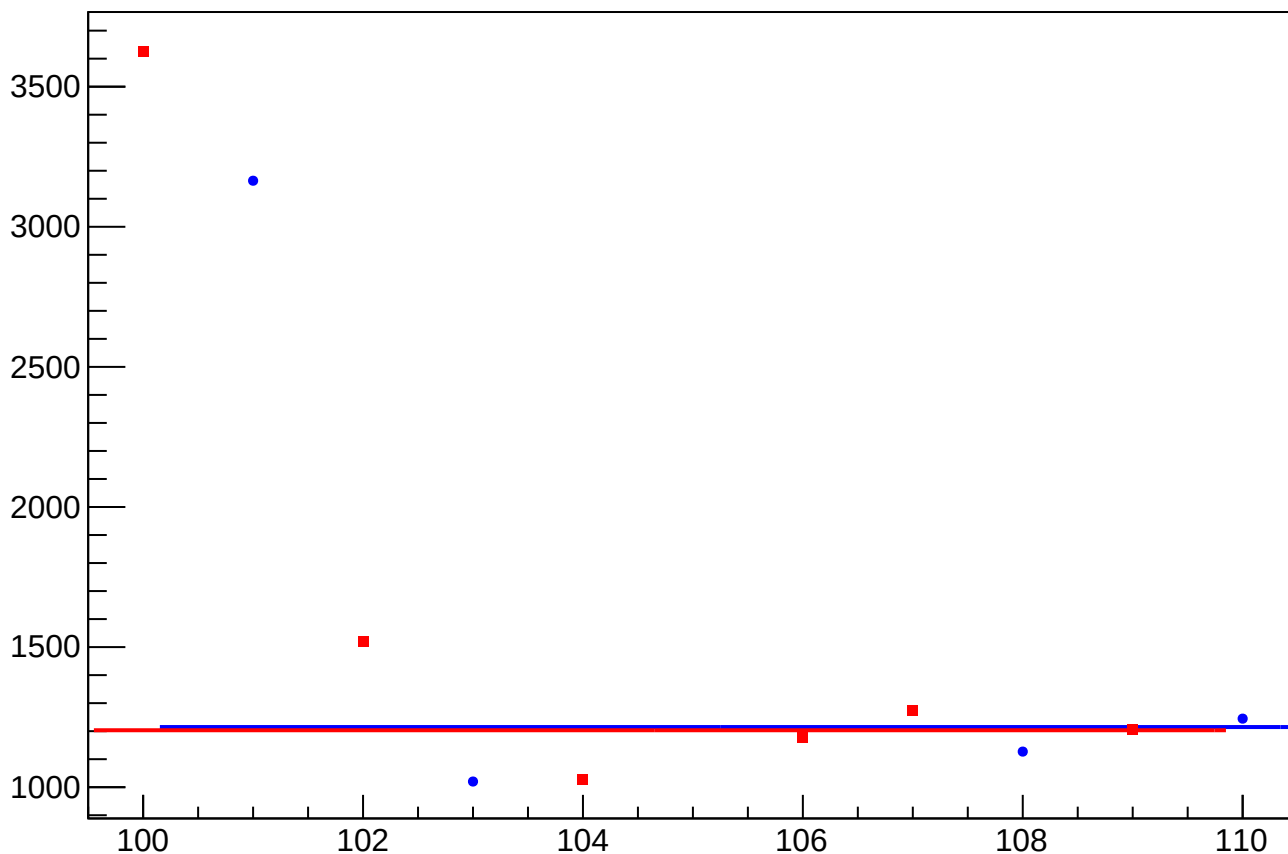
Right: 81.496+/-624.949 χ^2/NDF : 9.5/9

In: 141.836+/-923.108 χ^2/NDF : 4.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.496+/-624.949 χ^2/NDF : 9.5/9

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1214.708+/-0.653 χ^2/NDF : 545047.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1203.279+/-0.599 χ^2/NDF : 138295.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

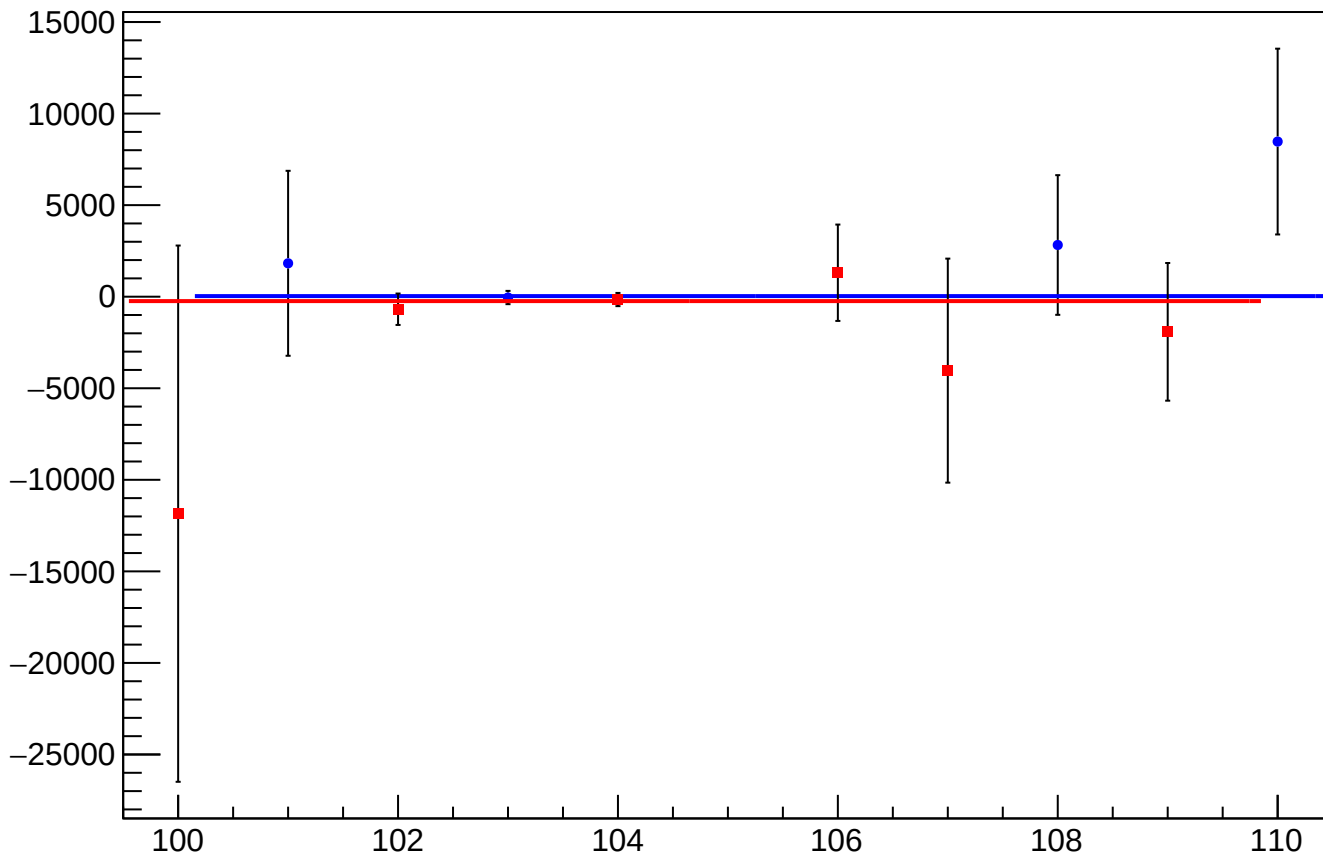
Right: 1208.506+/-0.441 χ^2/NDF : 683509.9/9

In: 1214.708+/-0.653 χ^2/NDF : 545047.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1208.506+/-0.441 χ^2/NDF : 683509.9/9

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 32.202+/-358.819 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -240.542+/-327.896 χ^2/NDF : 1.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

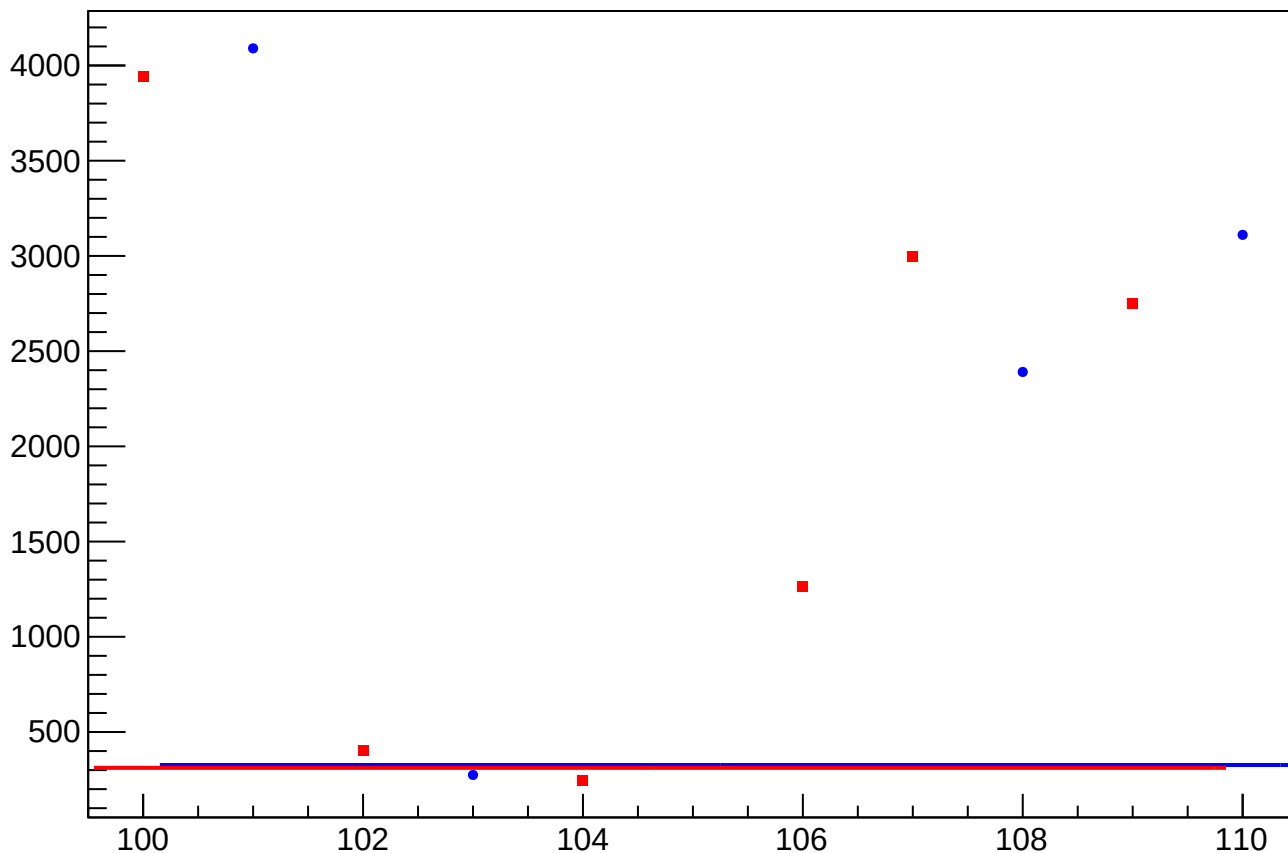
Right: -116.427+/-242.053 χ^2/NDF : 5.7/9

In: 32.202+/-358.819 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -116.427+/-242.053 χ^2/NDF : 5.7/9

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 326.742+/-0.254 χ^2/NDF : 2340214.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.971+/-0.232 χ^2/NDF : 1706143.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

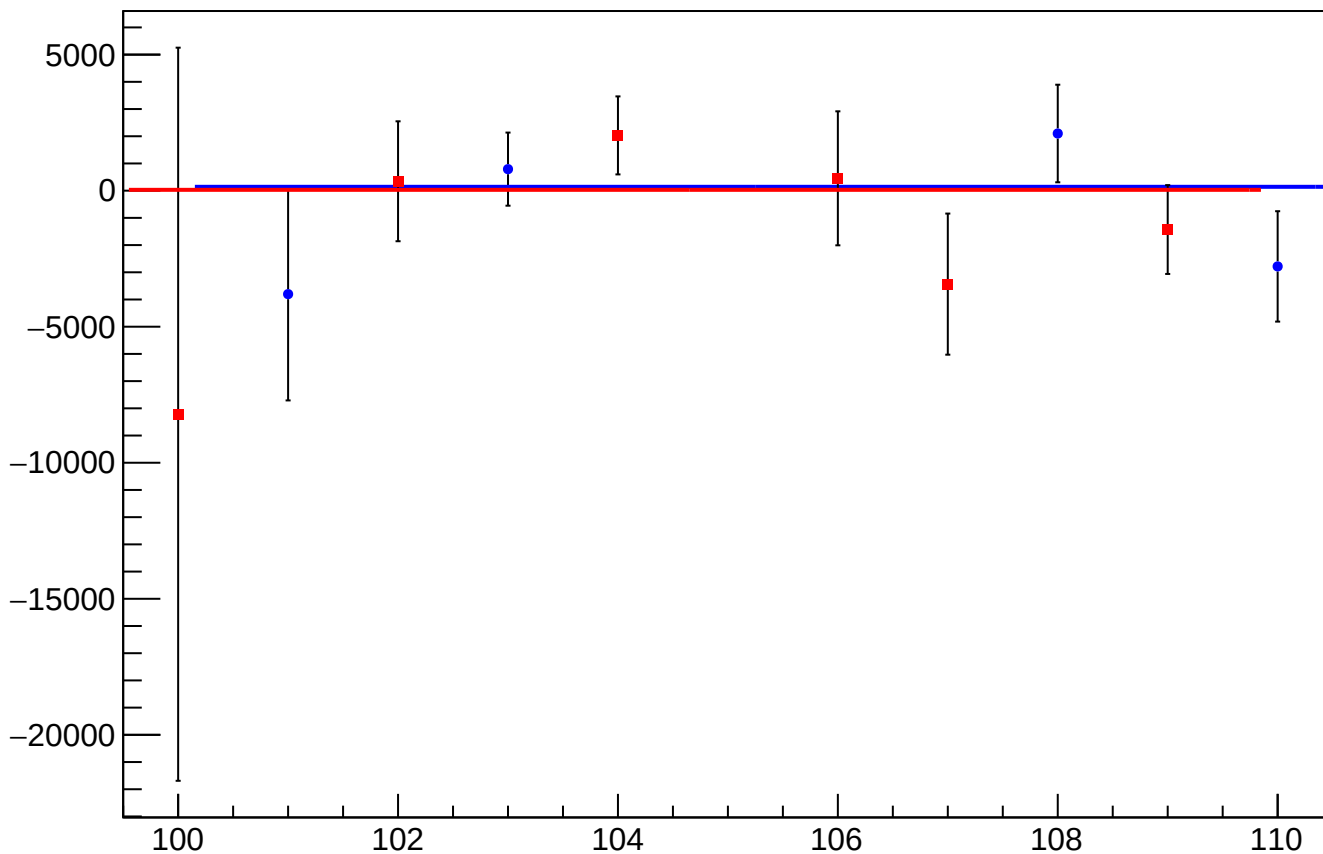
Right: 318.693+/-0.171 χ^2/NDF : 4048204.6/9

In: 326.742+/-0.254 χ^2/NDF : 2340214.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.693+/-0.171 χ^2/NDF : 4048204.6/9

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 141.836+/-923.108 χ^2/NDF : 4.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.440+/-849.140 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

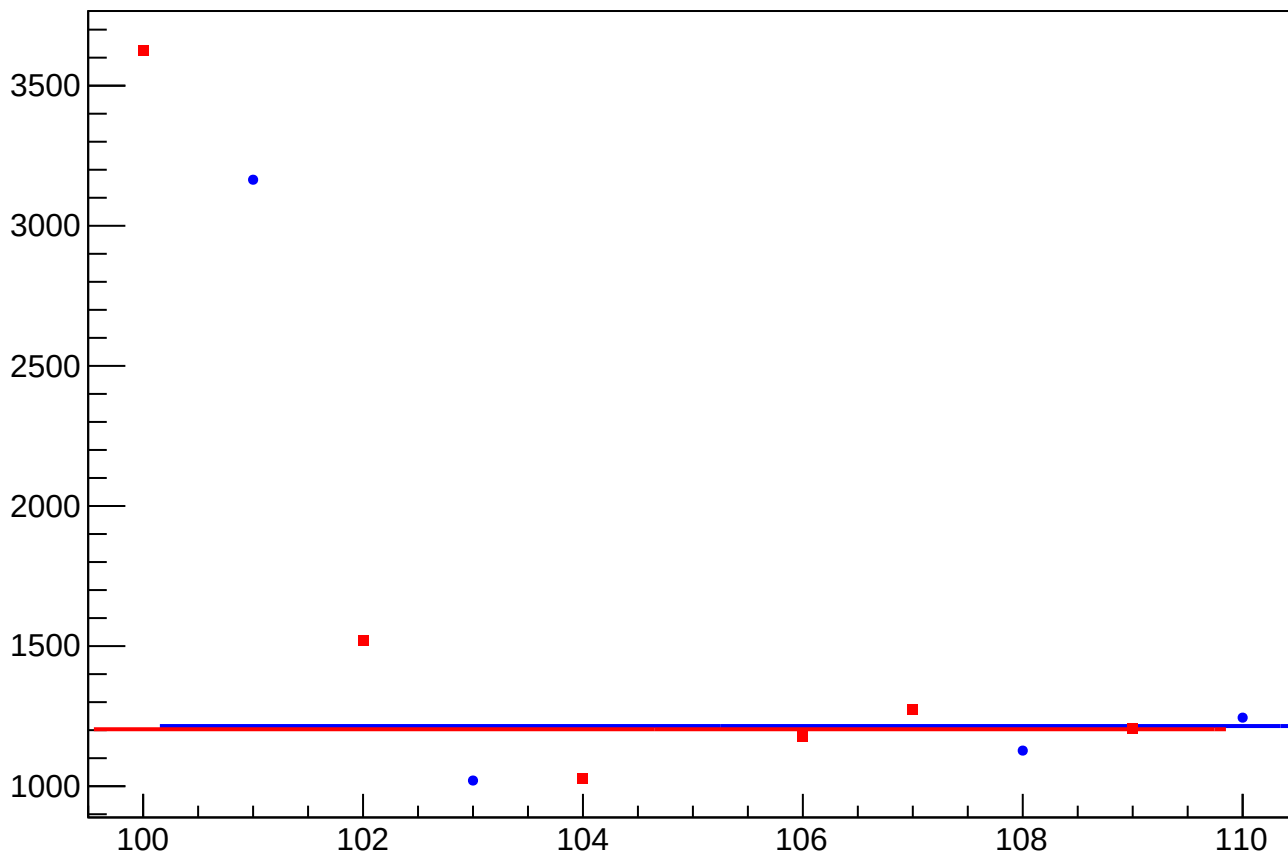
Right: 81.496+/-624.949 χ^2/NDF : 9.5/9

In: 141.836+/-923.108 χ^2/NDF : 4.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.496+/-624.949 χ^2/NDF : 9.5/9

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1214.708+/-0.653 χ^2/NDF : 545047.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1203.279+/-0.599 χ^2/NDF : 138295.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

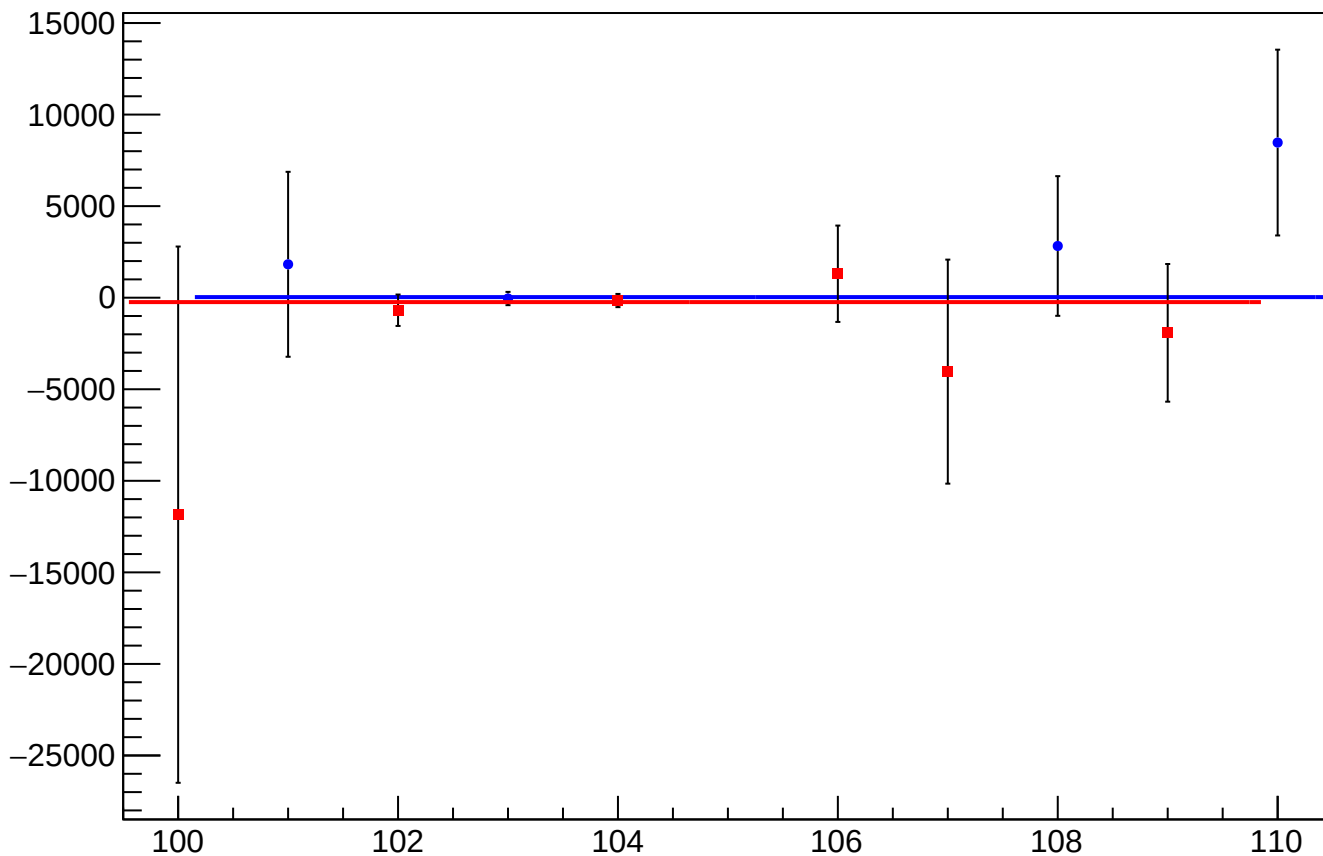
Right: 1208.506+/-0.441 χ^2/NDF : 683509.9/9

In: 1214.708+/-0.653 χ^2/NDF : 545047.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1208.506+/-0.441 χ^2/NDF : 683509.9/9

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 32.202+/-358.819 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -240.542+/-327.896 χ^2/NDF : 1.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

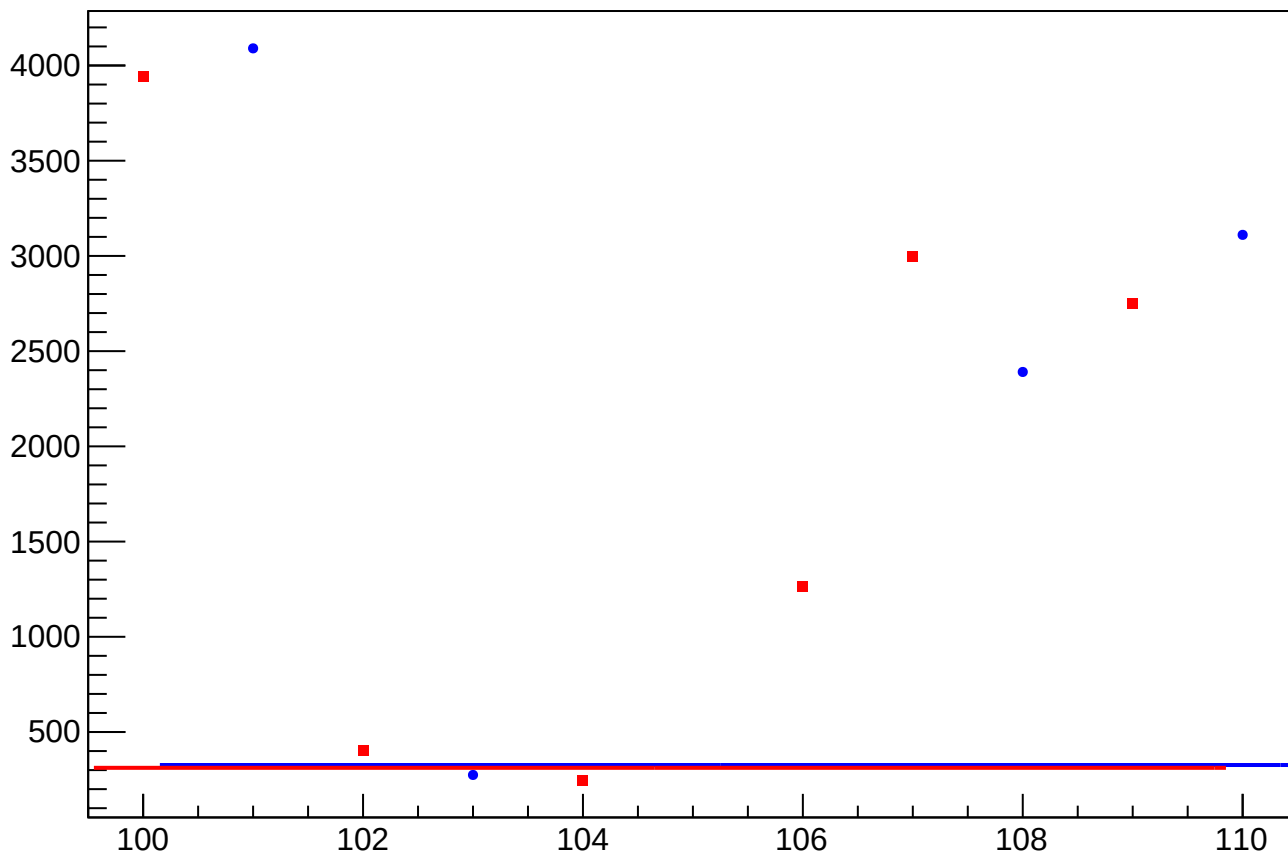
Right: -116.427+/-242.053 χ^2/NDF : 5.7/9

In: 32.202+/-358.819 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -116.427+/-242.053 χ^2/NDF : 5.7/9

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 326.742+/-0.254 χ^2/NDF : 2340214.1/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 311.971+/-0.232 χ^2/NDF : 1706143.6/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

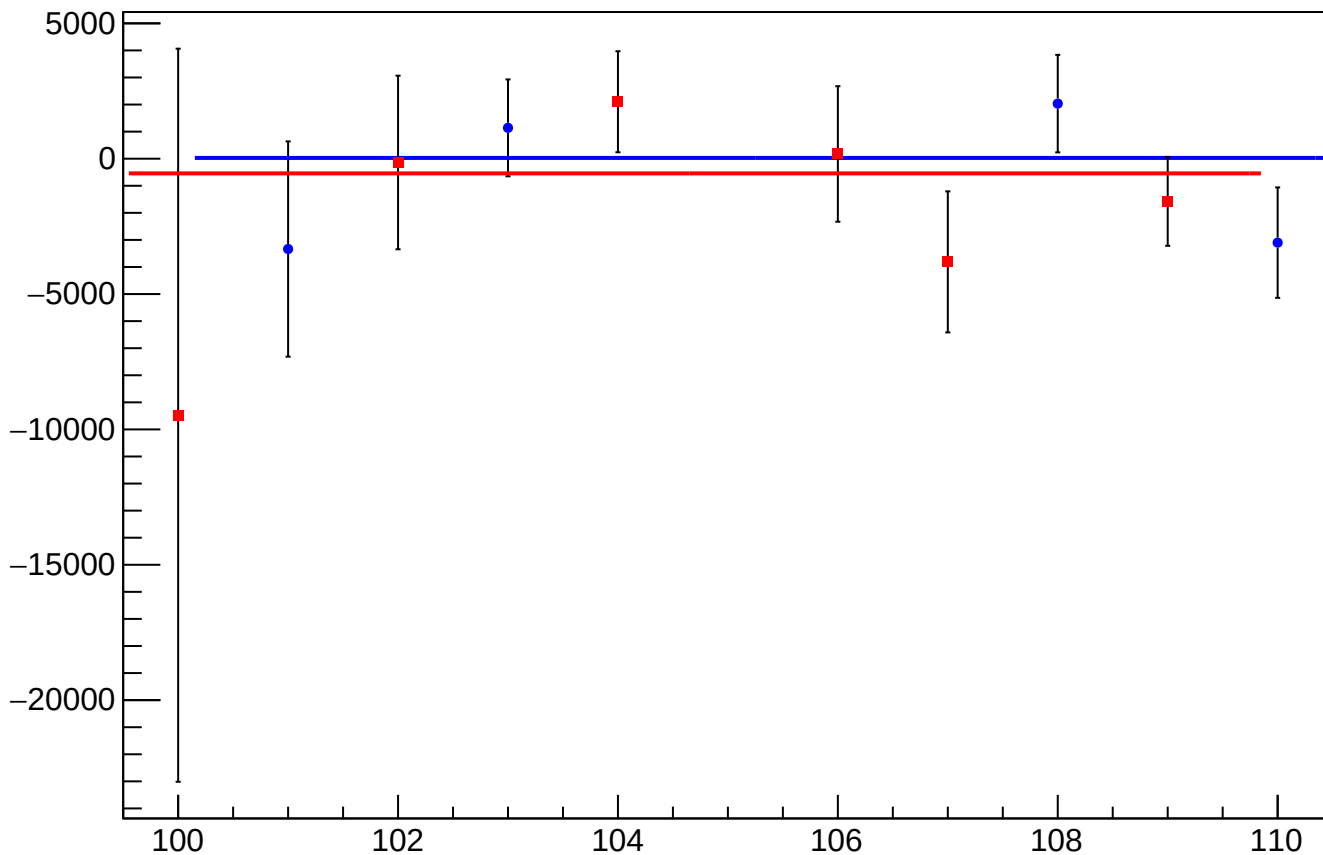
Right: 318.693+/-0.171 χ^2/NDF : 4048204.6/9

In: 326.742+/-0.254 χ^2/NDF :2340214.1/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 318.693+/-0.171 χ^2/NDF : 4048204.6/9

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 28.484+/-1040.321 χ^2/NDF : 4.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -542.470+/-967.774 χ^2/NDF : 4.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

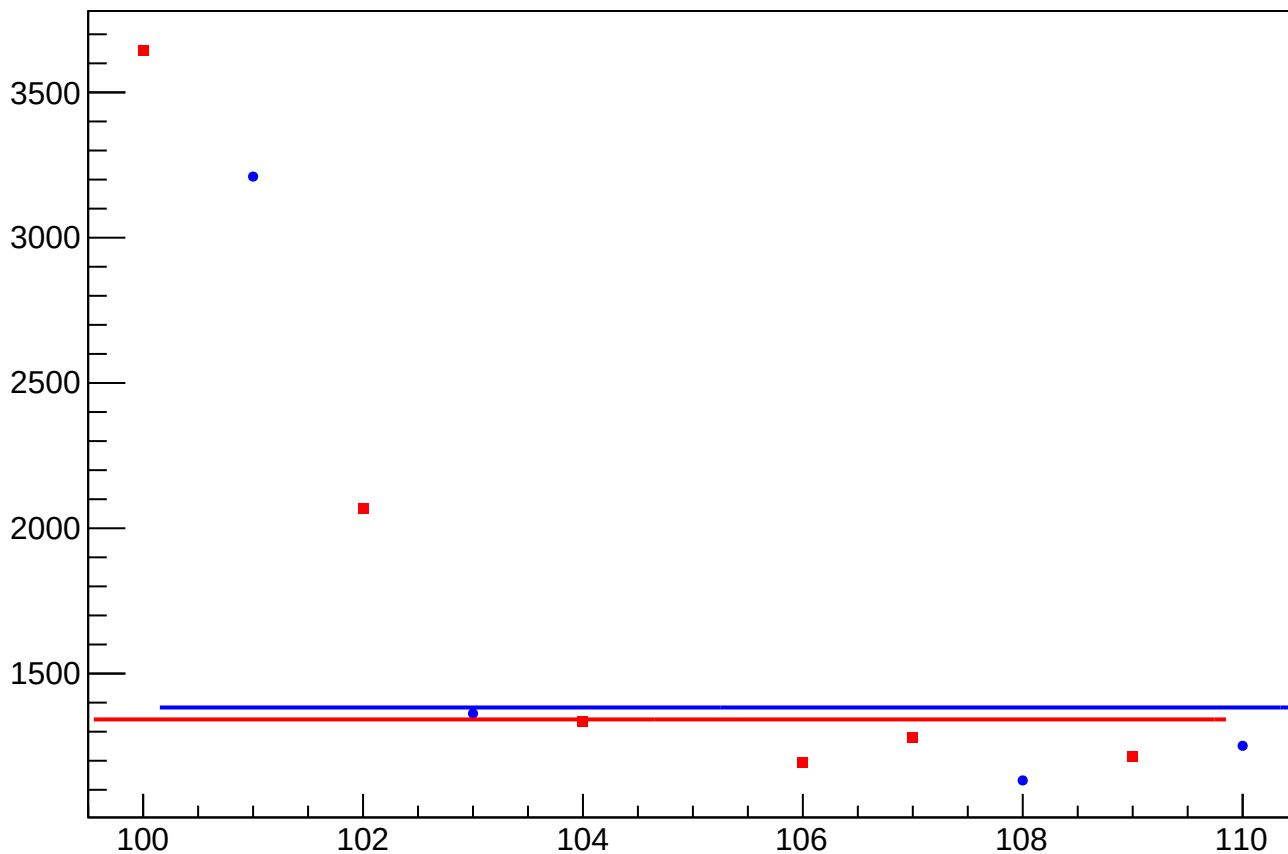
Right: -277.594+/-708.580 χ^2/NDF : 9.4/9

In: 28.484+/-1040.321 χ^2/NDF :4.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -277.594+/-708.580 χ^2/NDF : 9.4/9

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1383.284+/-0.736 χ^2/NDF : 469822.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1342.170+/-0.683 χ^2/NDF : 180598.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

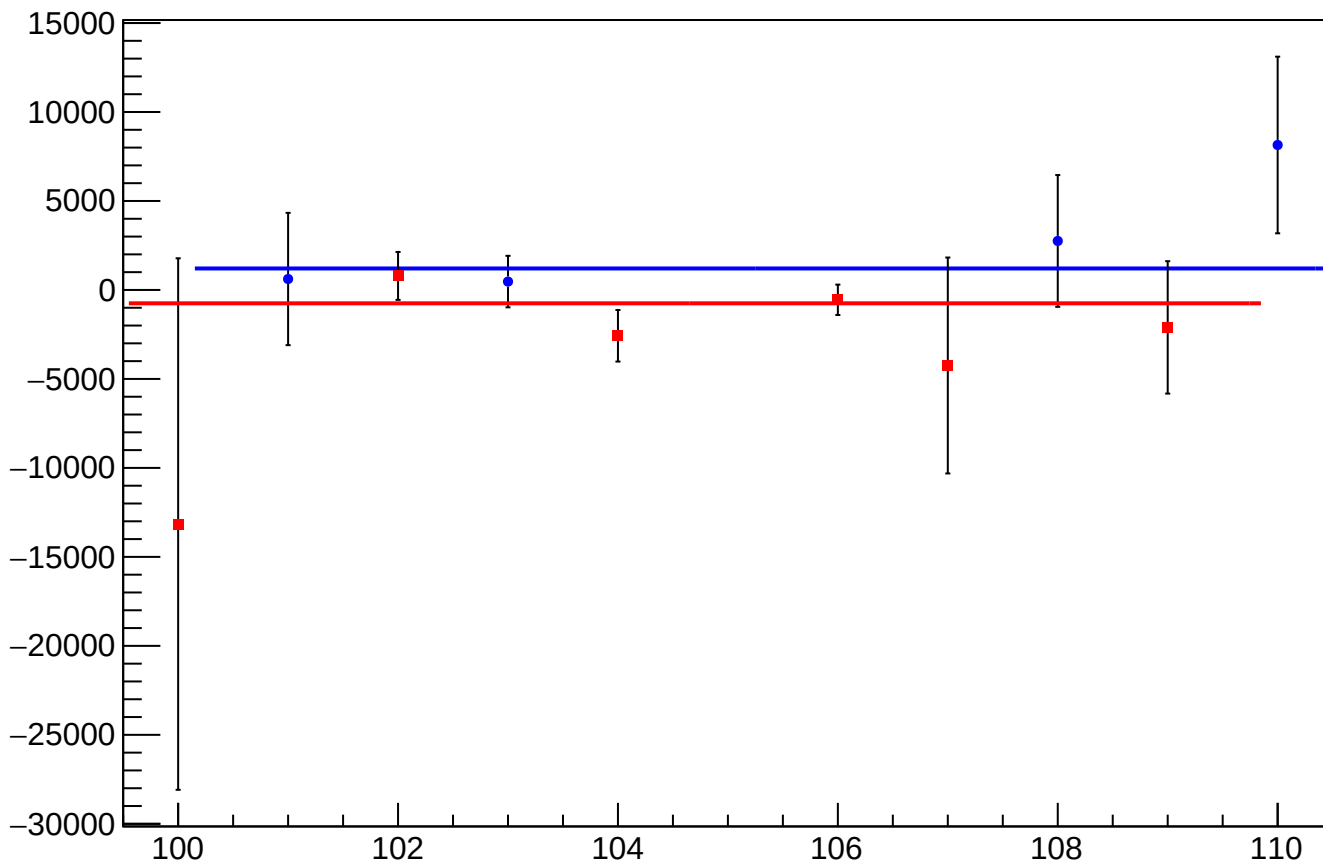
Right: 1361.198+/-0.500 χ^2/NDF : 652099.0/9

In: 1383.284+/-0.736 χ^2/NDF : 469822.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.198+/-0.500 χ^2/NDF : 652099.0/9

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1207.377+/-1228.020 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -750.393+/-632.100 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

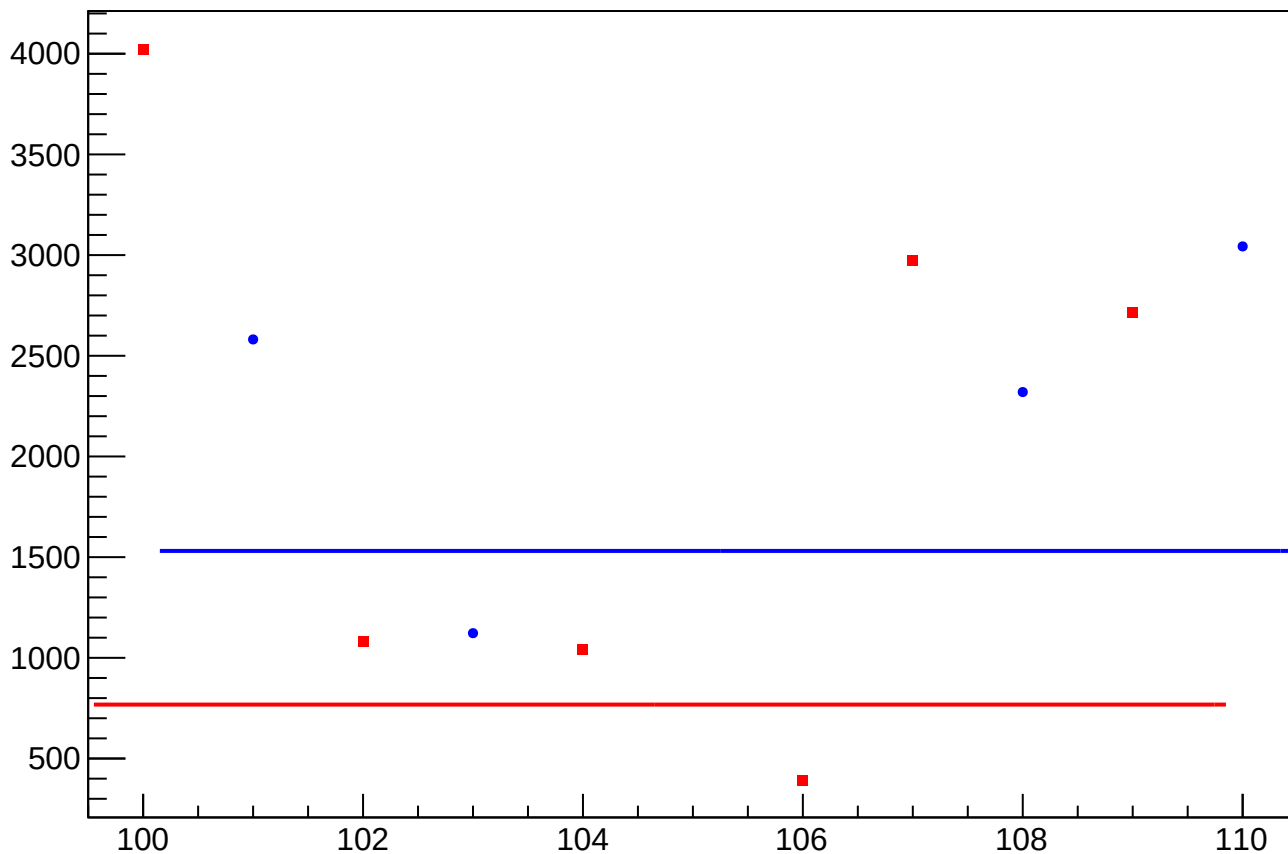
Right: -340.331+/-562.017 χ^2/NDF : 8.5/9

In: 1207.377+/-1228.020 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -340.331+/-562.017 χ^2/NDF : 8.5/9

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1530.927+/-0.868 χ^2/NDF : 595328.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 767.873+/-0.447 χ^2/NDF : 1479902.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

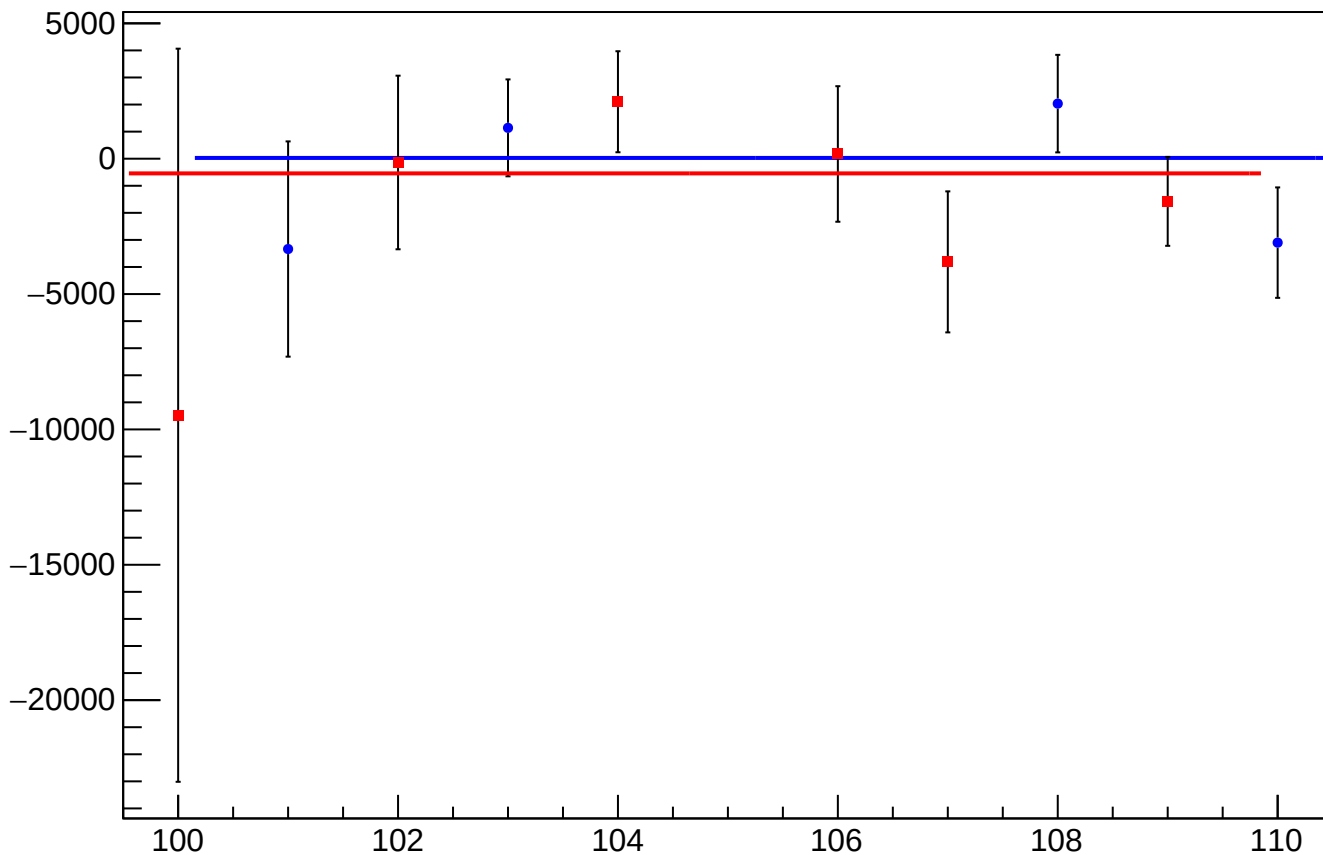
Right: 927.697+/-0.397 χ^2/NDF : 2685690.2/9

In: 1530.927+/-0.868 χ^2/NDF : 595328.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.697+/-0.397 χ^2/NDF : 2685690.2/9

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 28.479+/-1040.321 χ^2/NDF : 4.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -542.475+/-967.774 χ^2/NDF : 4.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

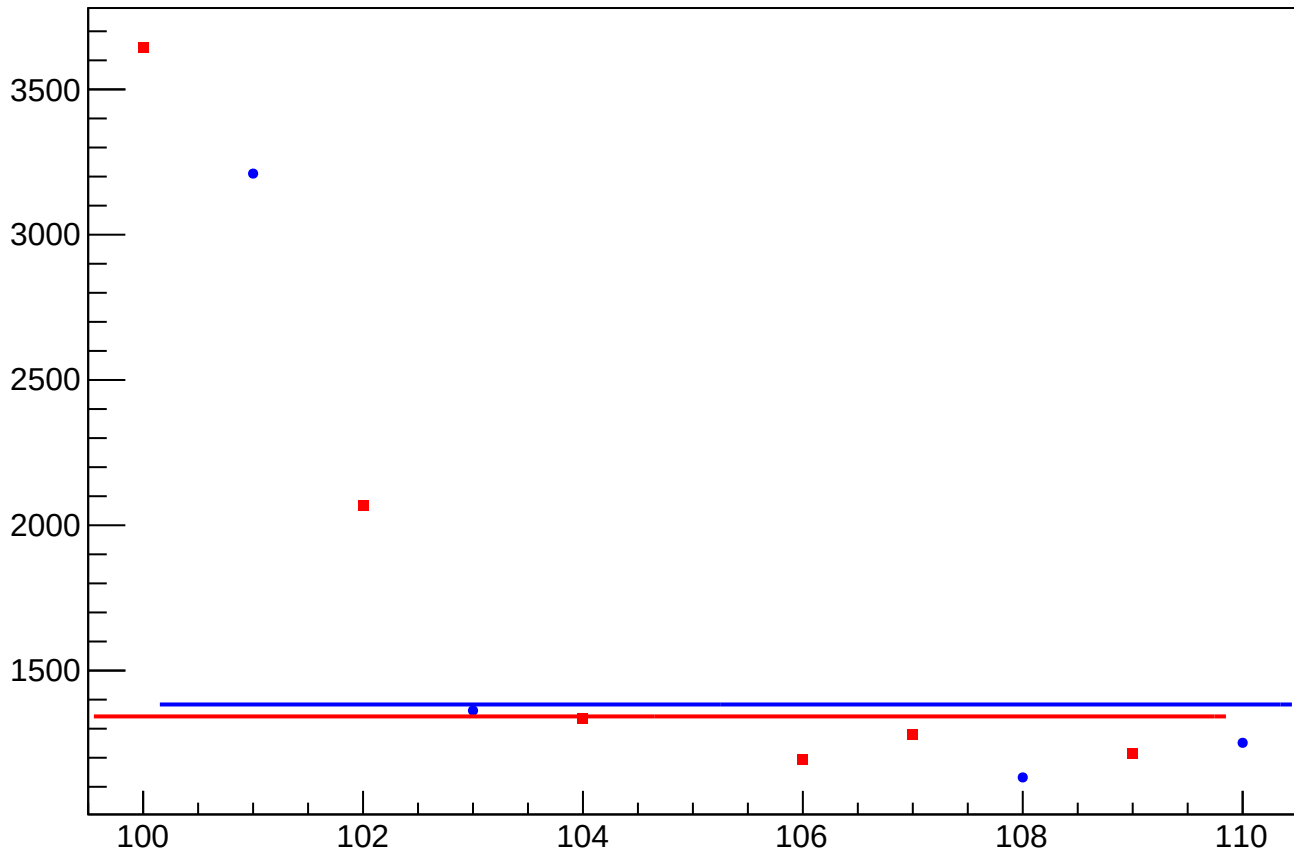
Right: -277.598+/-708.580 χ^2/NDF : 9.4/9

In: 28.479+/-1040.321 χ^2/NDF :4.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -277.598+/-708.580 χ^2/NDF : 9.4/9

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1383.284+/-0.736 χ^2/NDF : 469822.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1342.170+/-0.683 χ^2/NDF : 180598.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

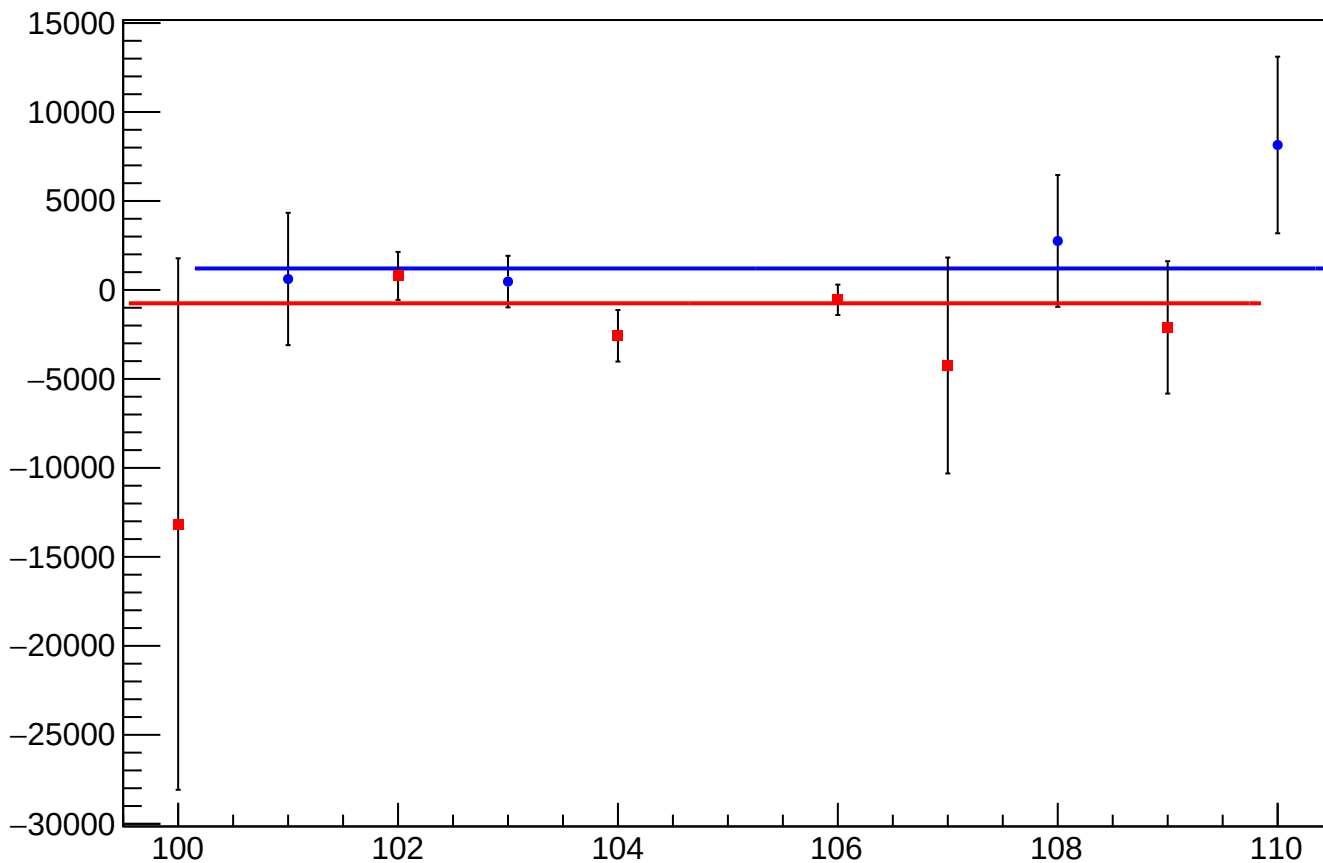
Right: 1361.198+/-0.500 χ^2/NDF : 652098.8/9

In: 1383.284+/-0.736 χ^2/NDF : 469822.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.198+/-0.500 χ^2/NDF : 652098.8/9

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1207.377+/-1228.019 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -750.385+/-632.091 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

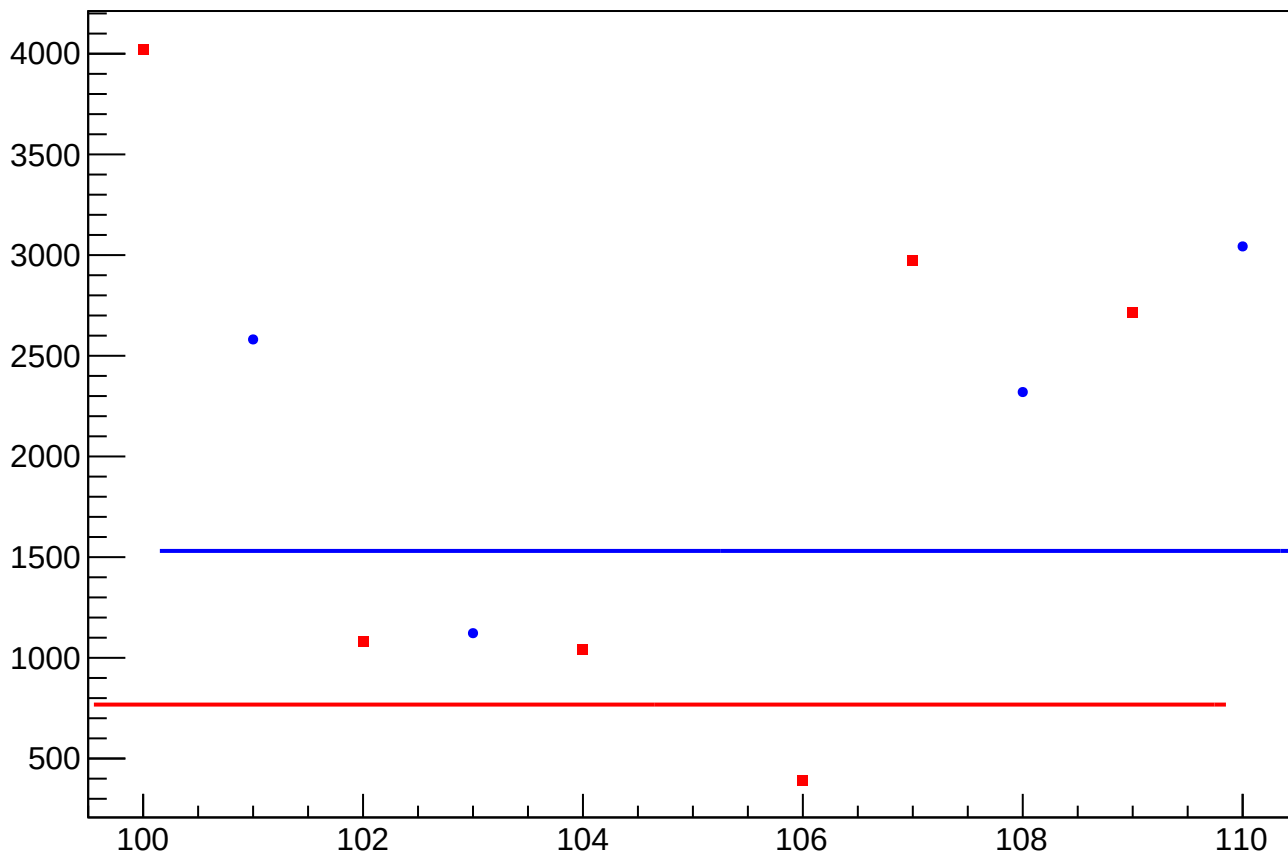
Right: -340.334+/-562.010 χ^2/NDF : 8.5/9

In: 1207.377+/-1228.019 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -340.334+/-562.010 χ^2/NDF : 8.5/9

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1530.926+/-0.868 χ^2/NDF : 595328.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 767.856+/-0.447 χ^2/NDF : 1479947.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

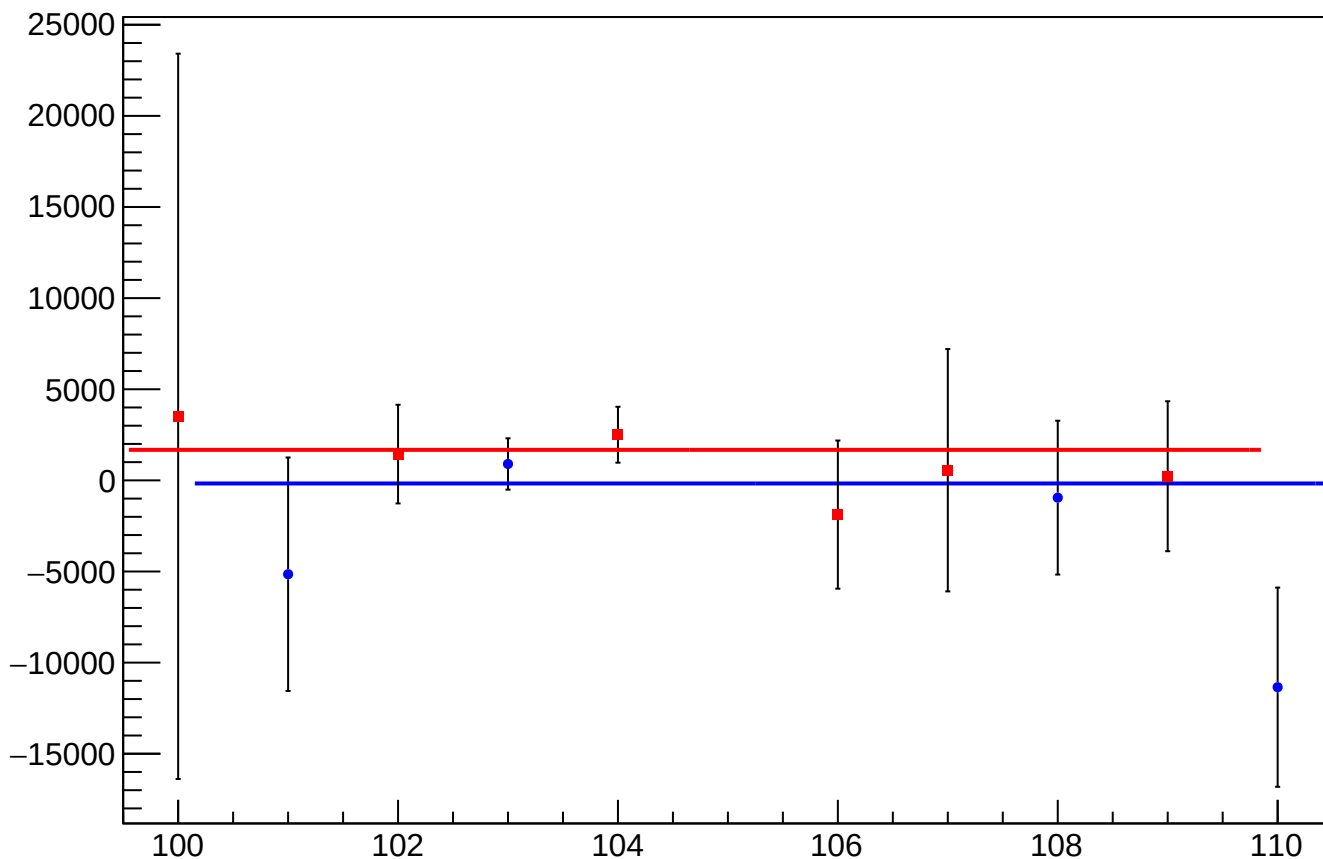
Right: 927.680+/-0.397 χ^2/NDF : 2685765.3/9

In: 1530.926+/-0.868 χ^2/NDF : 595328.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.680+/-0.397 χ^2/NDF : 2685765.3/9

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -169.433+/-1272.072 χ^2/NDF : 5.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1674.602+/-1189.716 χ^2/NDF : 1.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

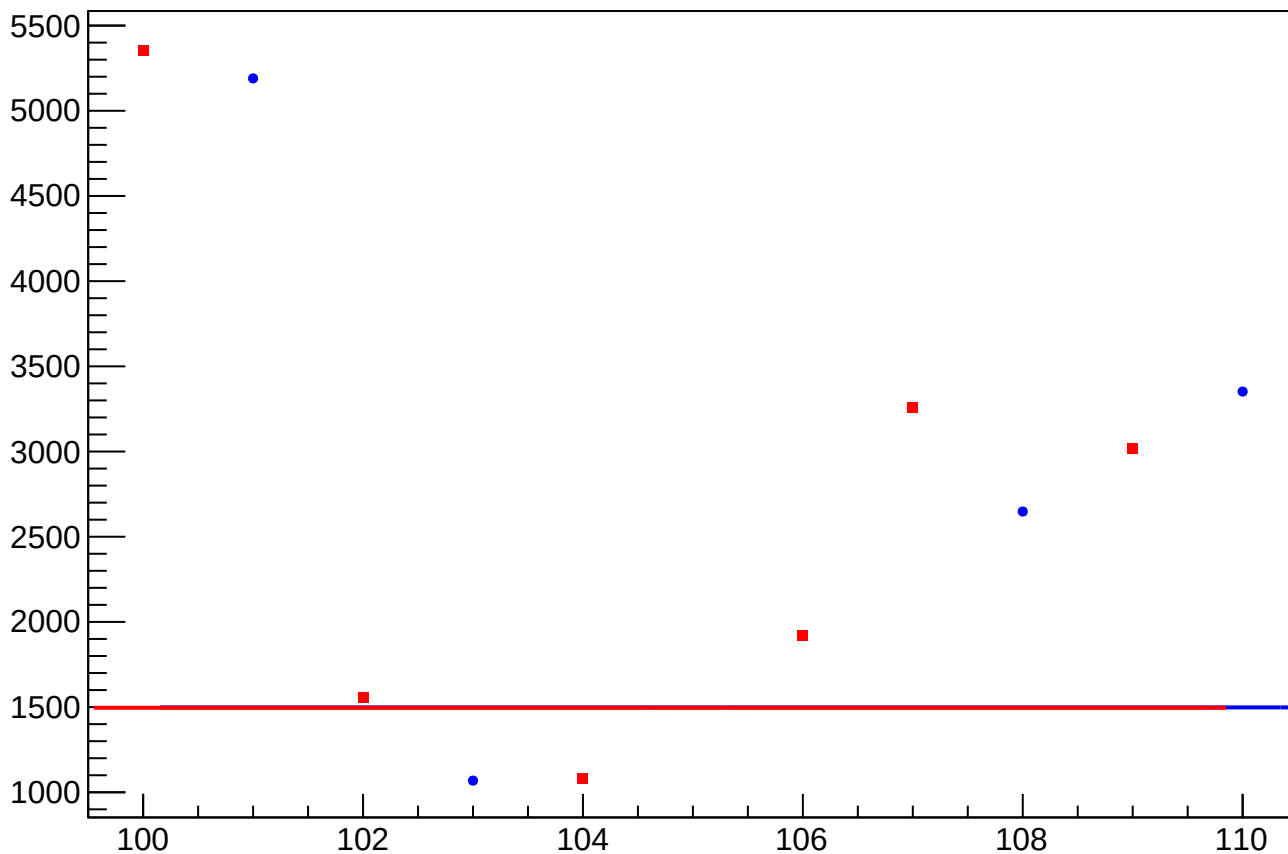
Right: 814.205+/-868.913 χ^2/NDF : 7.7/9

In: -169.433+/-1272.072 χ^2/NDF : 5.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 814.205+/-868.913 χ^2/NDF : 7.7/9

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1498.221+/-0.899 χ^2/NDF : 1229151.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1496.220+/-0.838 χ^2/NDF : 660341.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

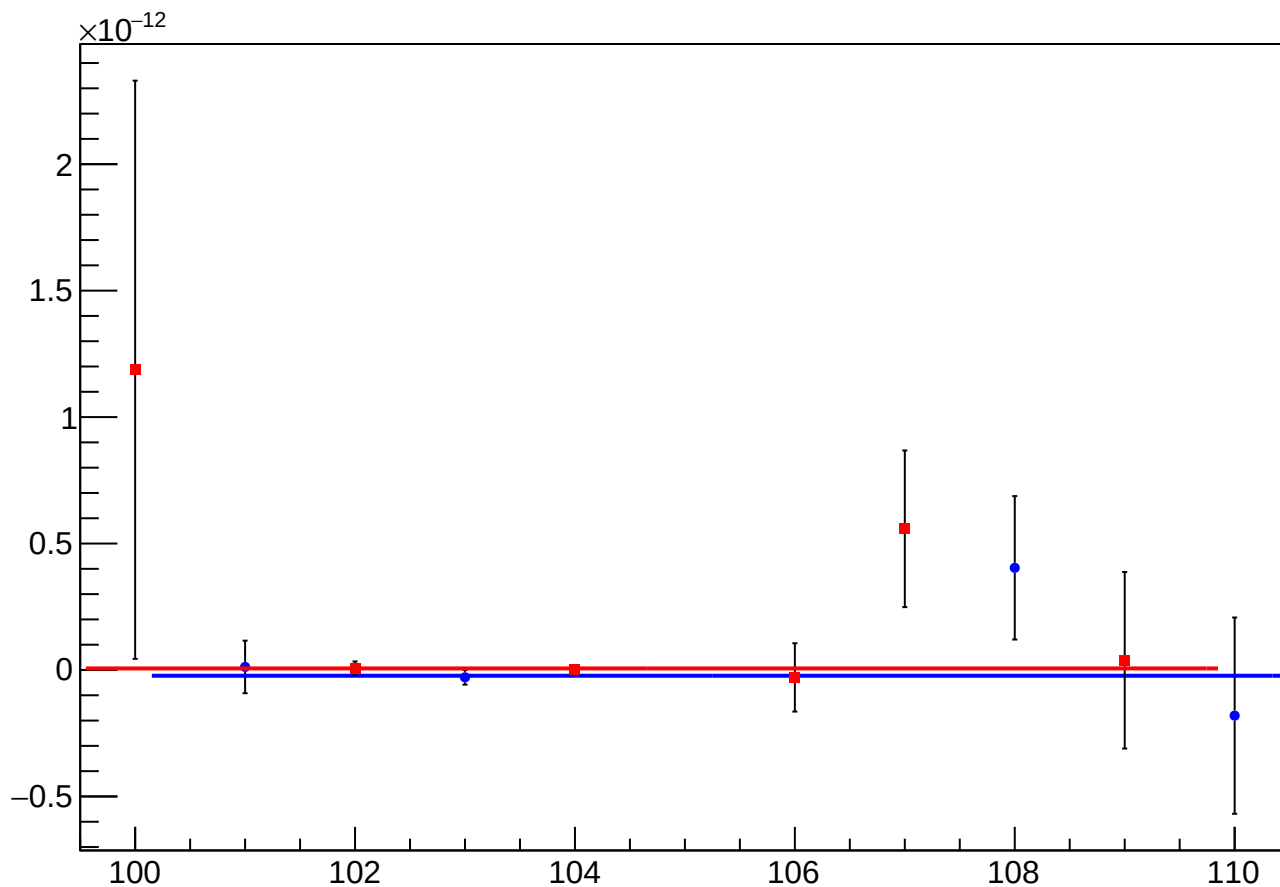
Right: 1497.150+/-0.613 χ^2/NDF : 1889496.1/9

In: 1498.221+/-0.899 χ^2/NDF : 1229151.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1497.150+/-0.613 χ^2/NDF : 1889496.1/9

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

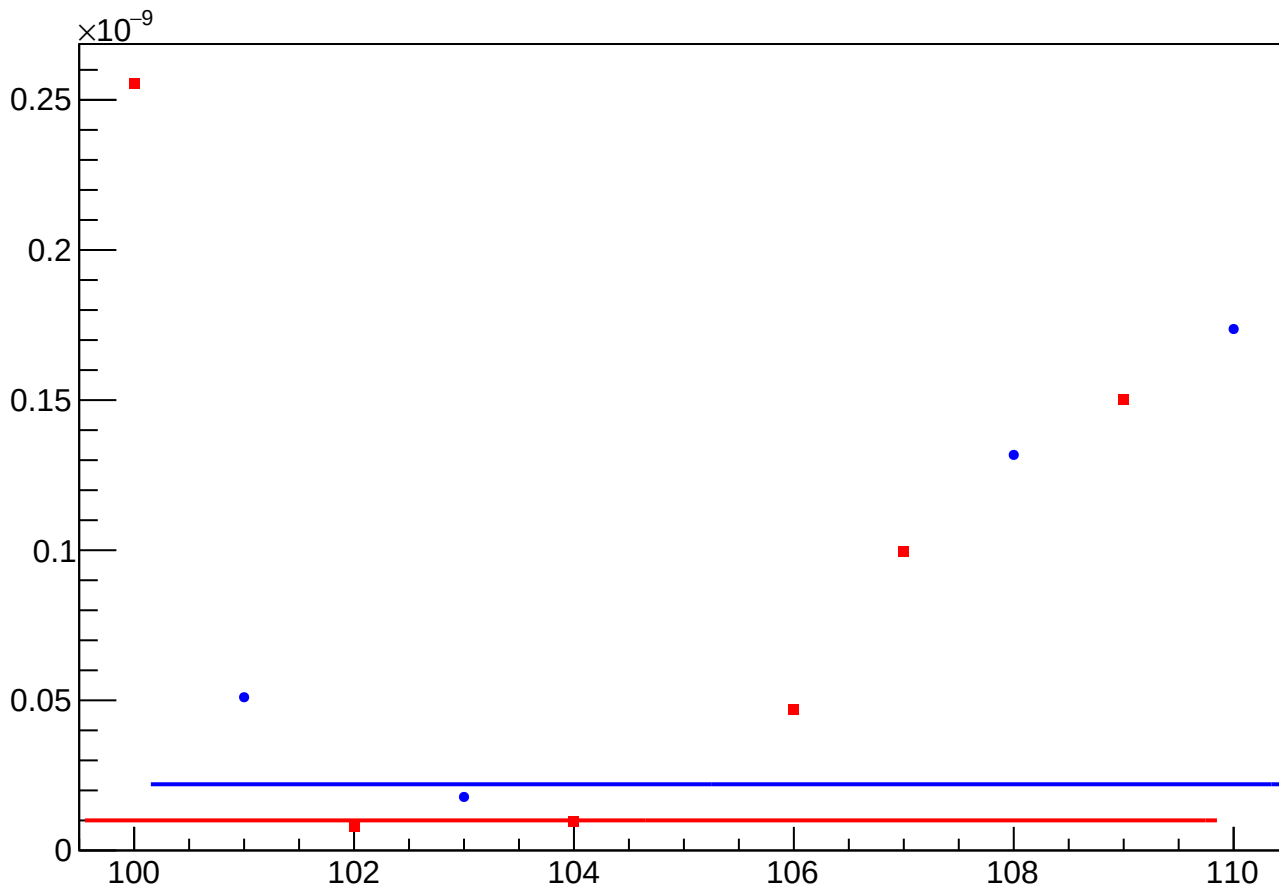
Right: -0.000+/-0.000 χ^2/NDF : 7.8/9

In: -0.000+/-0.000 χ^2/NDF : 2.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.8/9

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 803309.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 743541.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

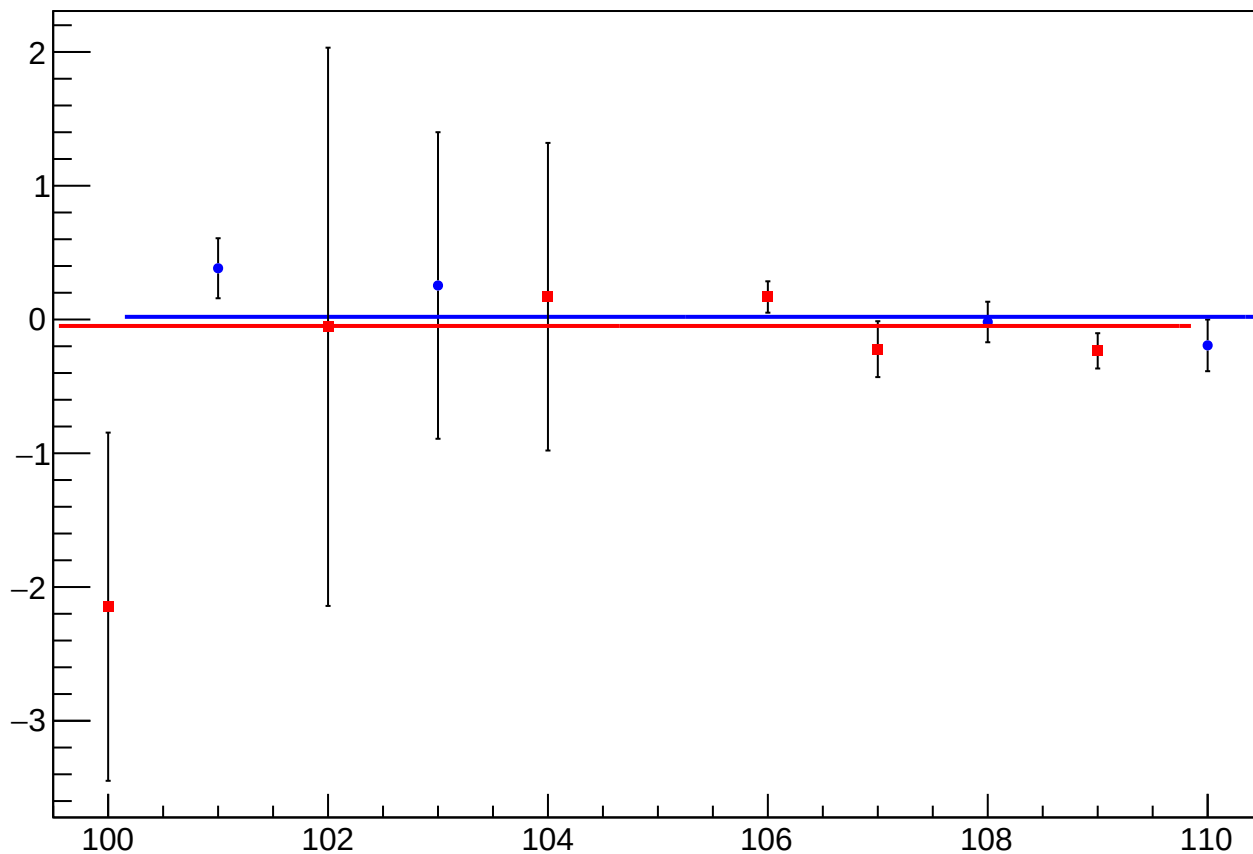
Right: 0.000+/-0.000 χ^2/NDF : 1837770.1/9

In: 0.000+/-0.000 χ^2/NDF :803309.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1837770.1/9

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.105 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.048+/-0.080 χ^2/NDF : 8.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

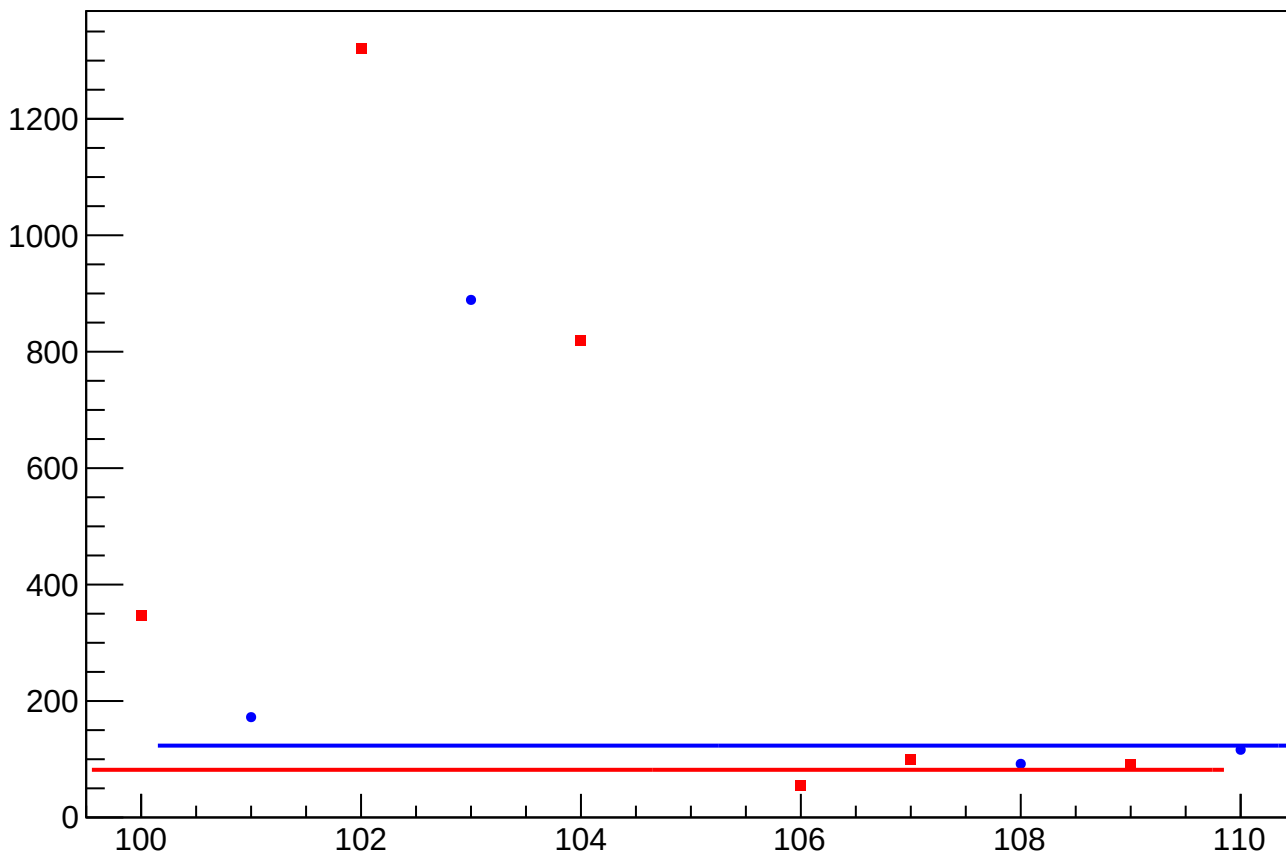
Right: -0.023+/-0.064 χ^2/NDF : 12.9/9

In: 0.020+/-0.105 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.064 χ^2/NDF : 12.9/9

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.385+/-0.074 χ^2/NDF : 1075938.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.844+/-0.057 χ^2/NDF : 1738305.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

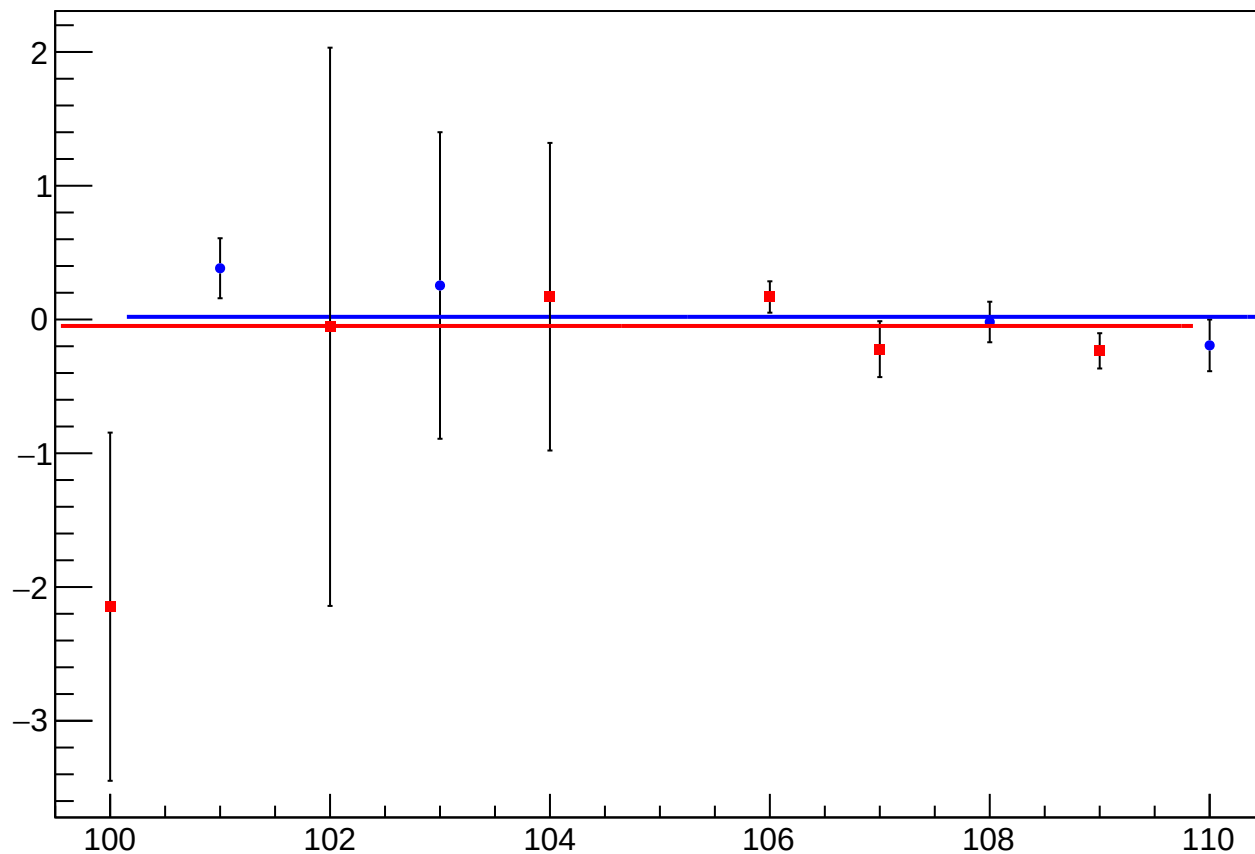
Right: 97.230+/-0.045 χ^2/NDF : 3011946.8/9

In: 123.385+/-0.074 χ^2/NDF : 1075938.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.230+/-0.045 χ^2/NDF : 3011946.8/9

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.105 χ^2 /NDF: 3.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.048 $\pm$ 0.080 χ^2 /NDF: 8.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

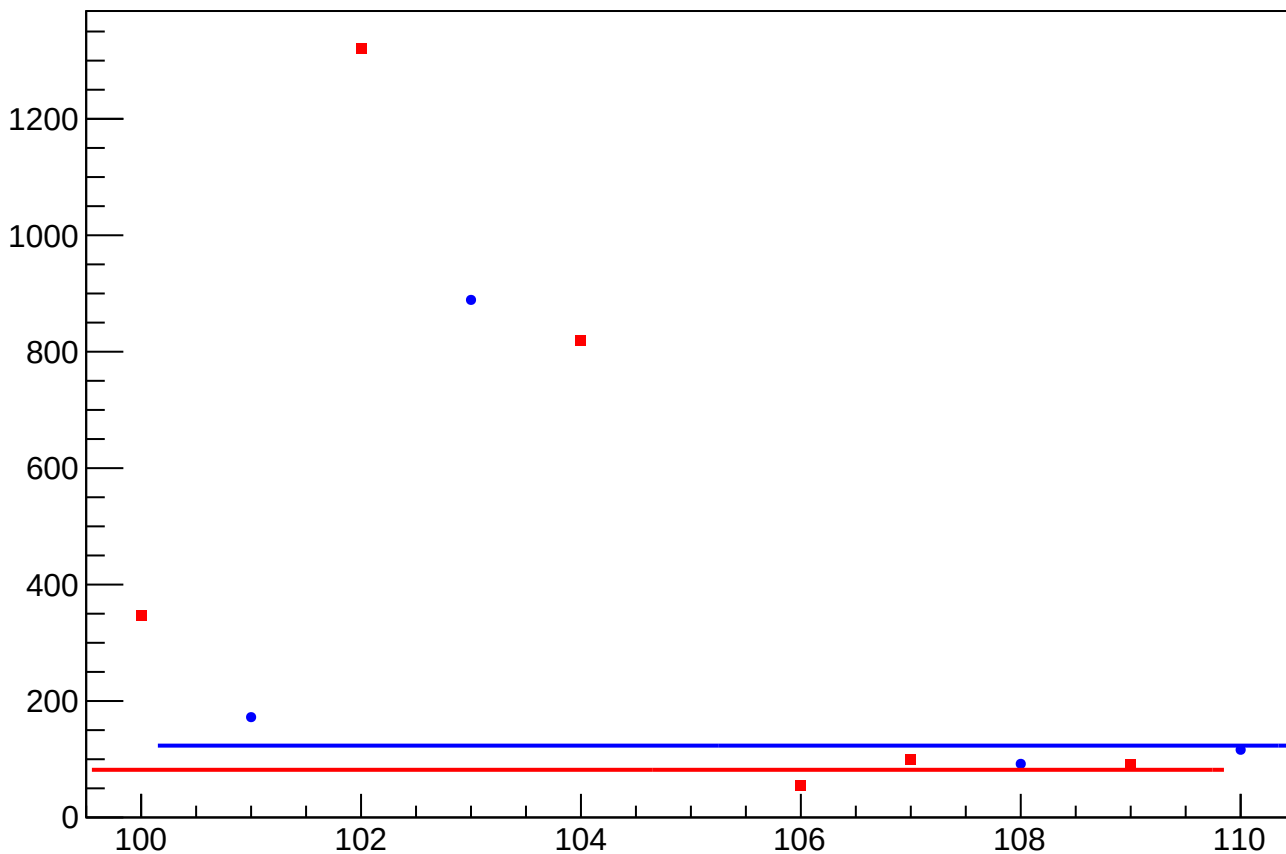
Right: -0.023 $\pm$ 0.064 χ^2 /NDF: 12.9/9

In: 0.020 $\pm$ 0.105 χ^2 /NDF:3.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.064 χ^2 /NDF: 12.9/9

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.385+/-0.074 χ^2/NDF : 1075938.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.844+/-0.057 χ^2/NDF : 1738305.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

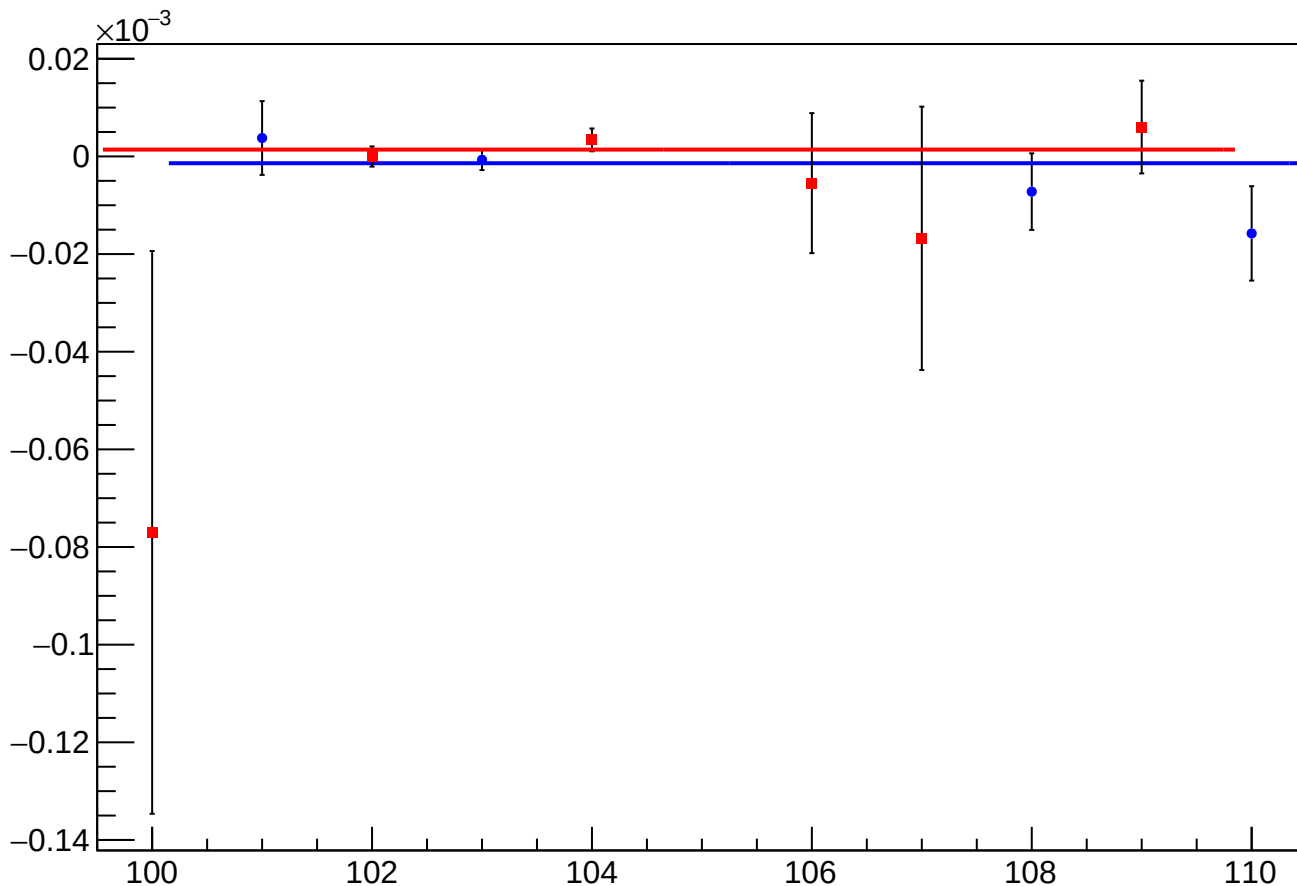
Right: 97.230+/-0.045 χ^2/NDF : 3011946.8/9

In: 123.385+/-0.074 χ^2/NDF : 1075938.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.230+/-0.045 χ^2/NDF : 3011946.8/9

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.3/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 4.0/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

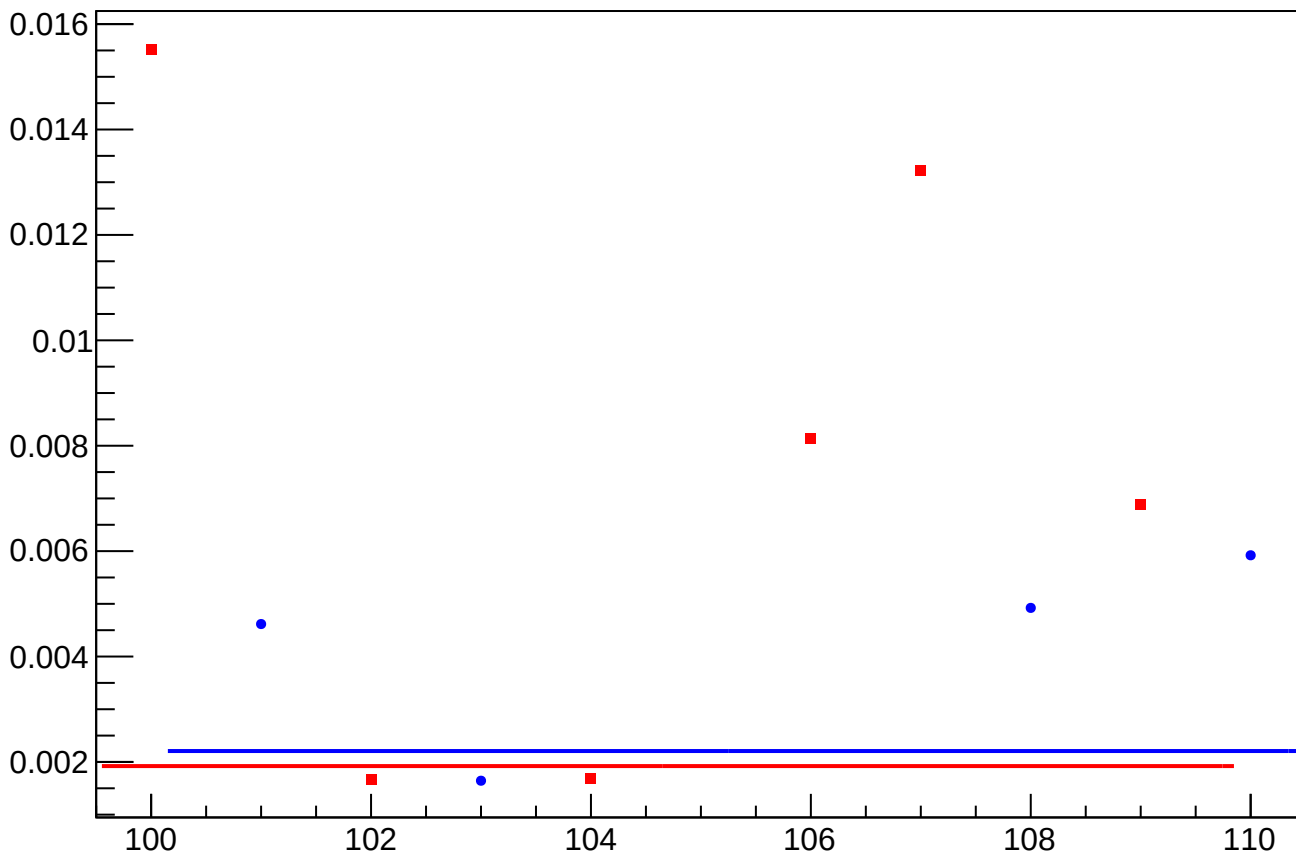
Right: 0.000+/-0.000 χ^2 /NDF: 8.6/9

In: -0.000+/-0.000 χ^2 /NDF:3.3/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 8.6/9

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 880852.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1437719.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

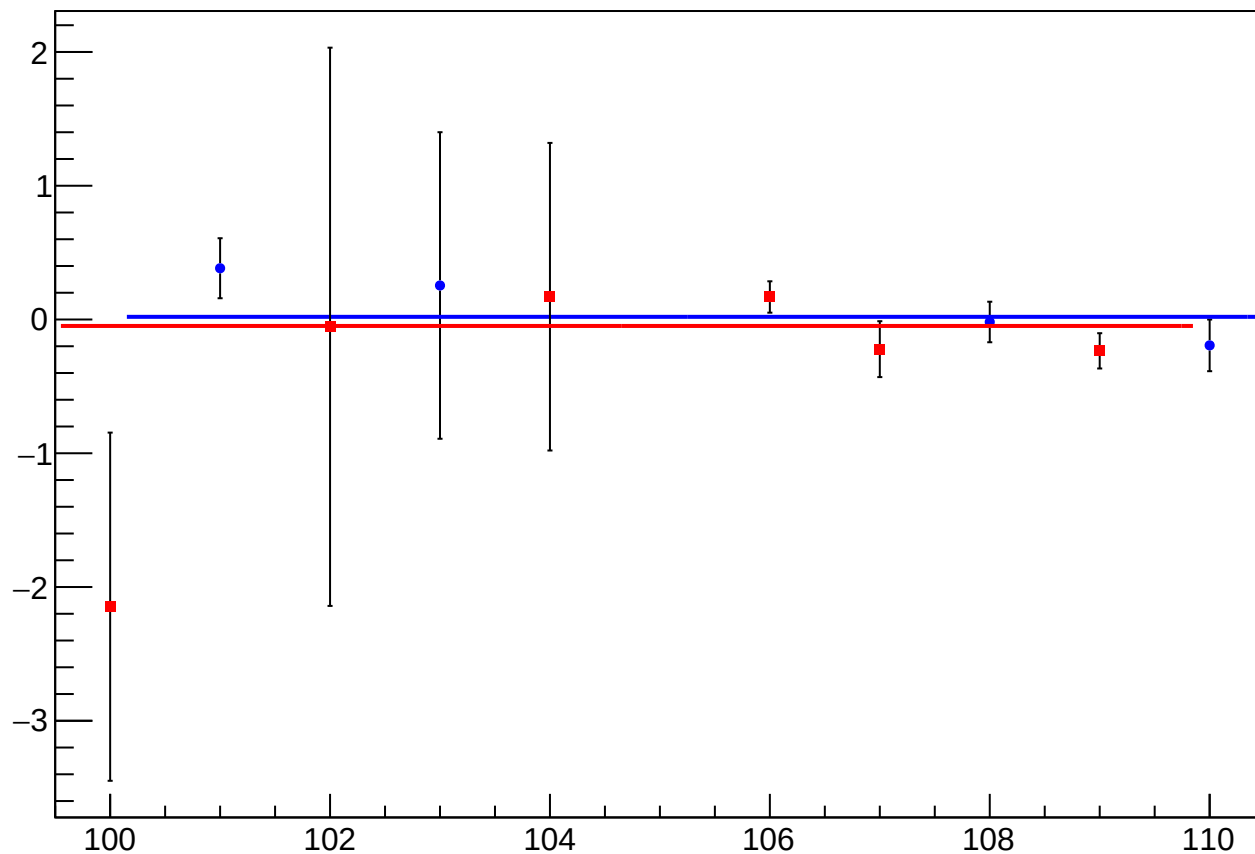
Right: 0.002+/-0.000 χ^2/NDF : 2345658.2/9

In: 0.002+/-0.000 χ^2/NDF : 880852.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2345658.2/9

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.105 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.048+/-0.080 χ^2/NDF : 8.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

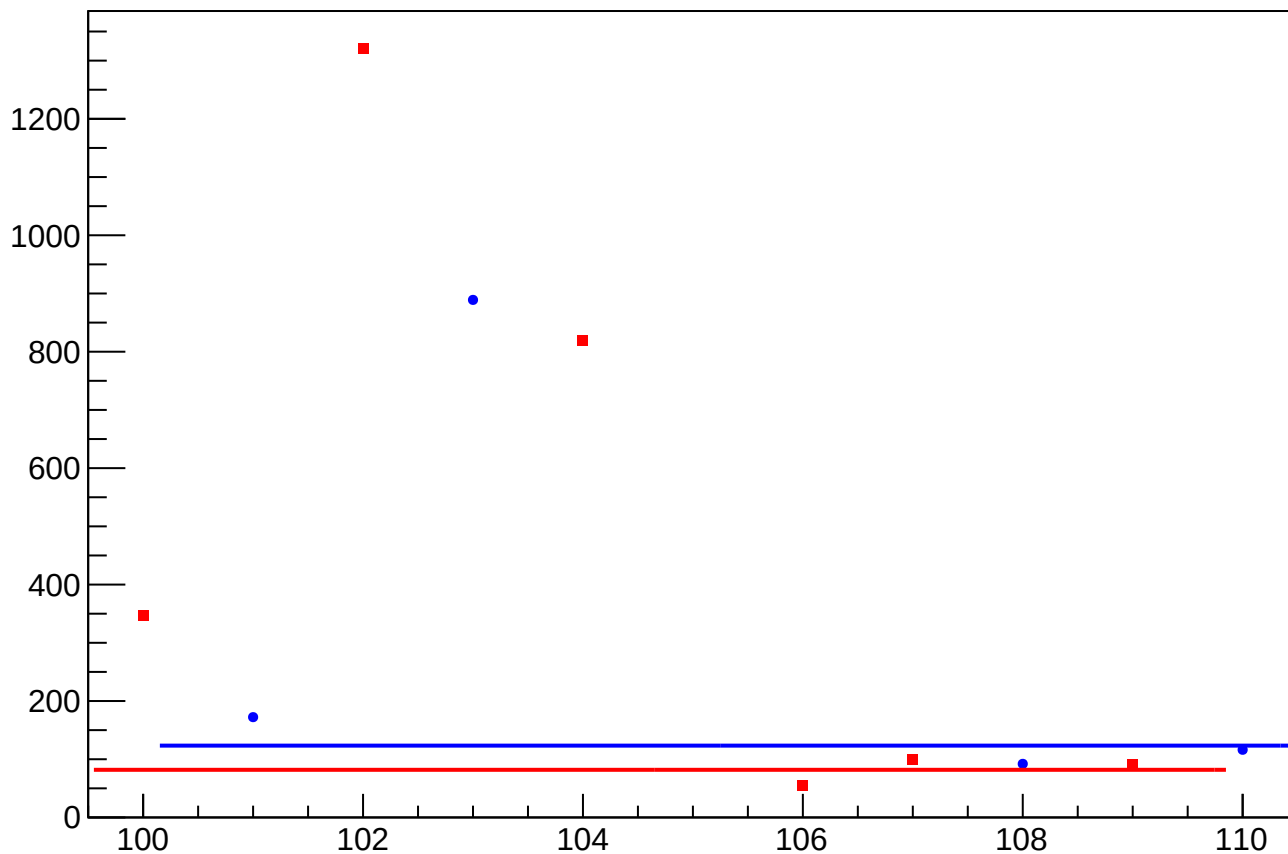
Right: -0.023+/-0.064 χ^2/NDF : 12.9/9

In: 0.020+/-0.105 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.064 χ^2/NDF : 12.9/9

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.387+/-0.074 χ^2/NDF : 1075919.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 81.841+/-0.057 χ^2/NDF : 1738349.8/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

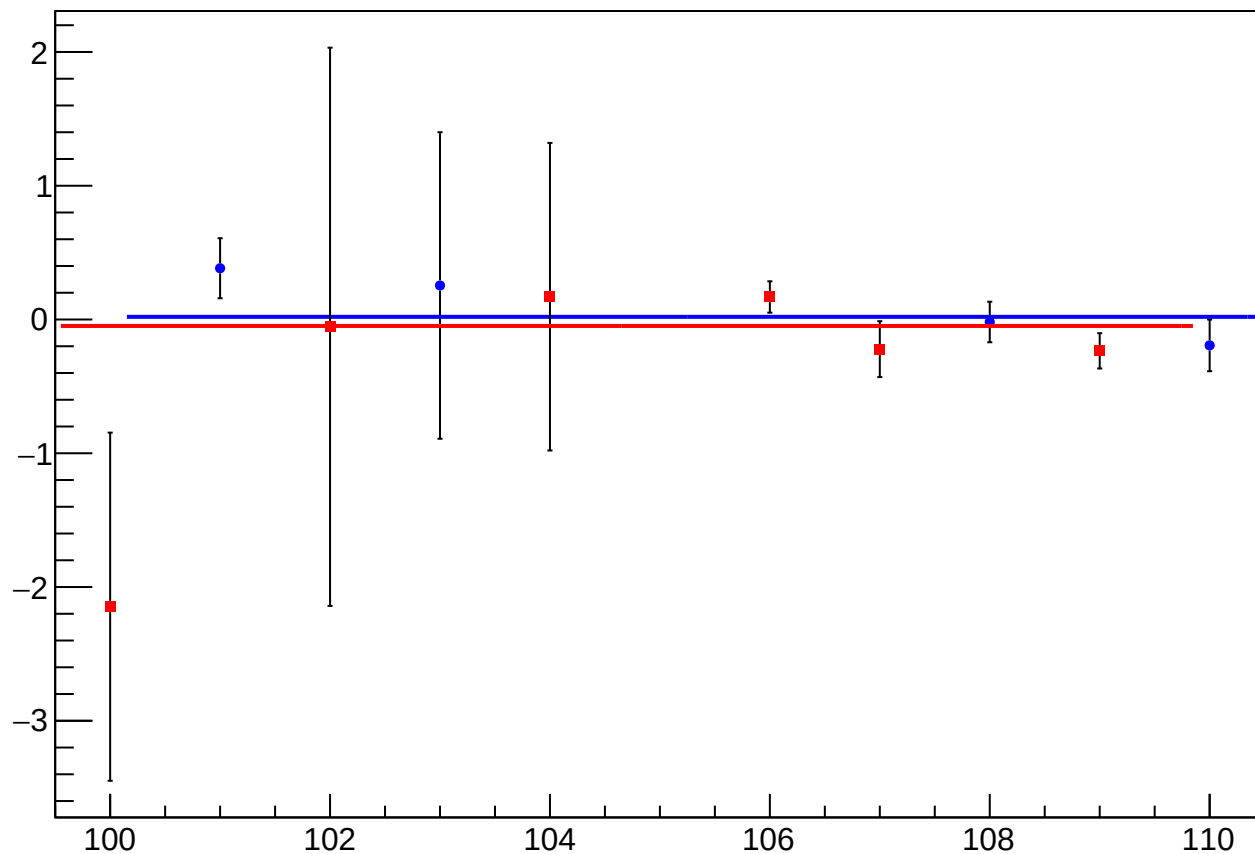
Right: 97.228+/-0.045 χ^2/NDF : 3012025.6/9

In: 123.387+/-0.074 χ^2/NDF :1075919.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 97.228+/-0.045 χ^2/NDF : 3012025.6/9

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.105 χ^2 /NDF: 3.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.048 $\pm$ 0.080 χ^2 /NDF: 8.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

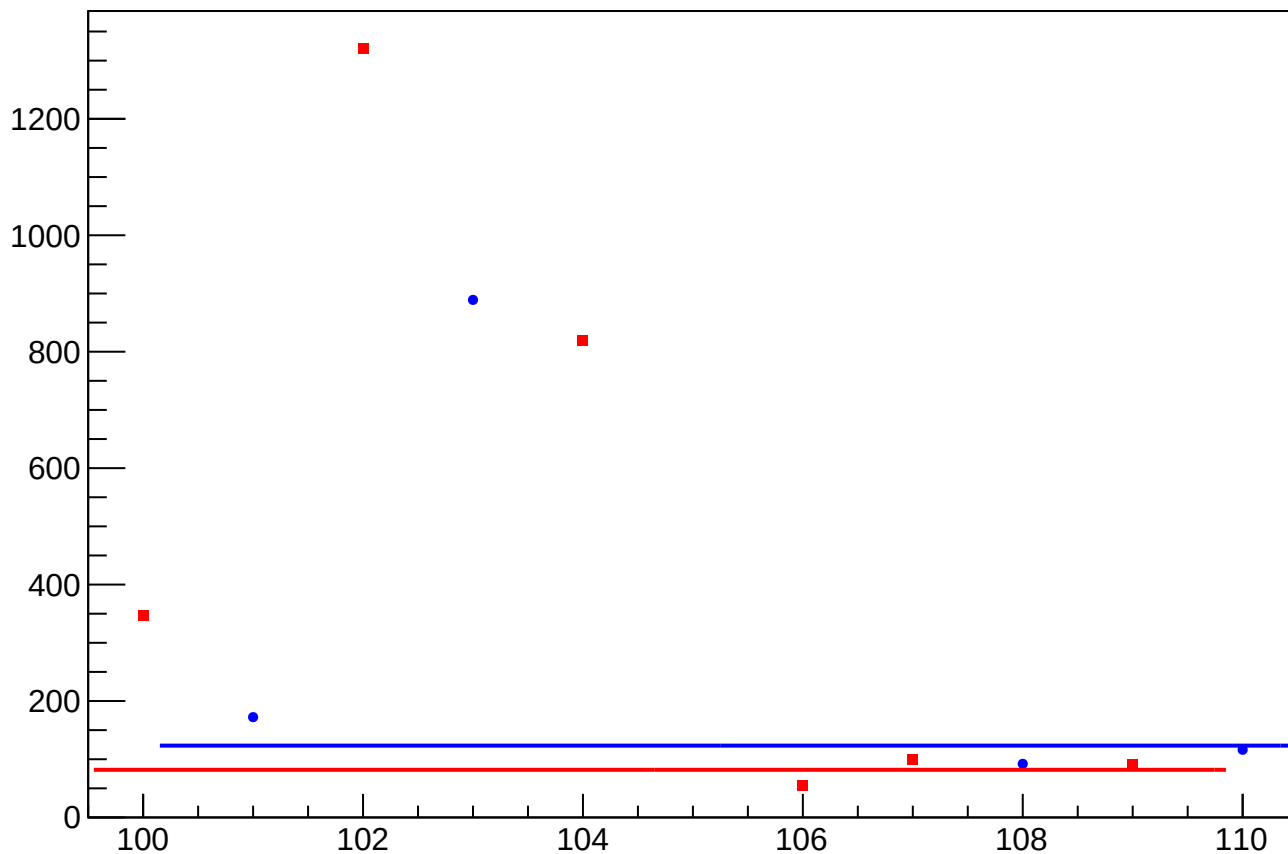
Right: -0.023 $\pm$ 0.064 χ^2 /NDF: 12.9/9

In: 0.020 $\pm$ 0.105 χ^2 /NDF:3.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.064 χ^2 /NDF: 12.9/9

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.387+/-0.074 χ^2/NDF : 1075919.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.841+/-0.057 χ^2/NDF : 1738349.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

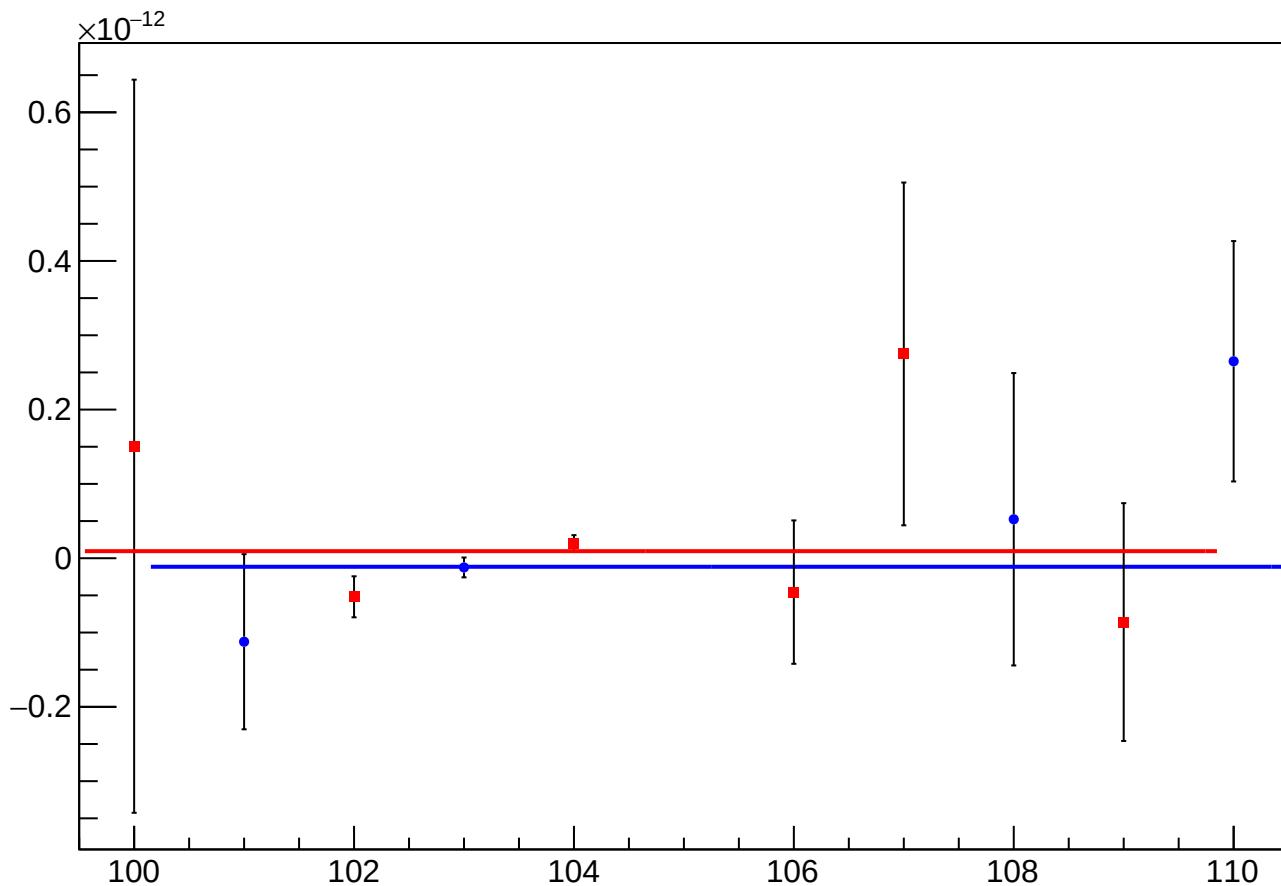
Right: 97.228+/-0.045 χ^2/NDF : 3012025.6/9

In: 123.387+/-0.074 χ^2/NDF : 1075919.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.228+/-0.045 χ^2/NDF : 3012025.6/9

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

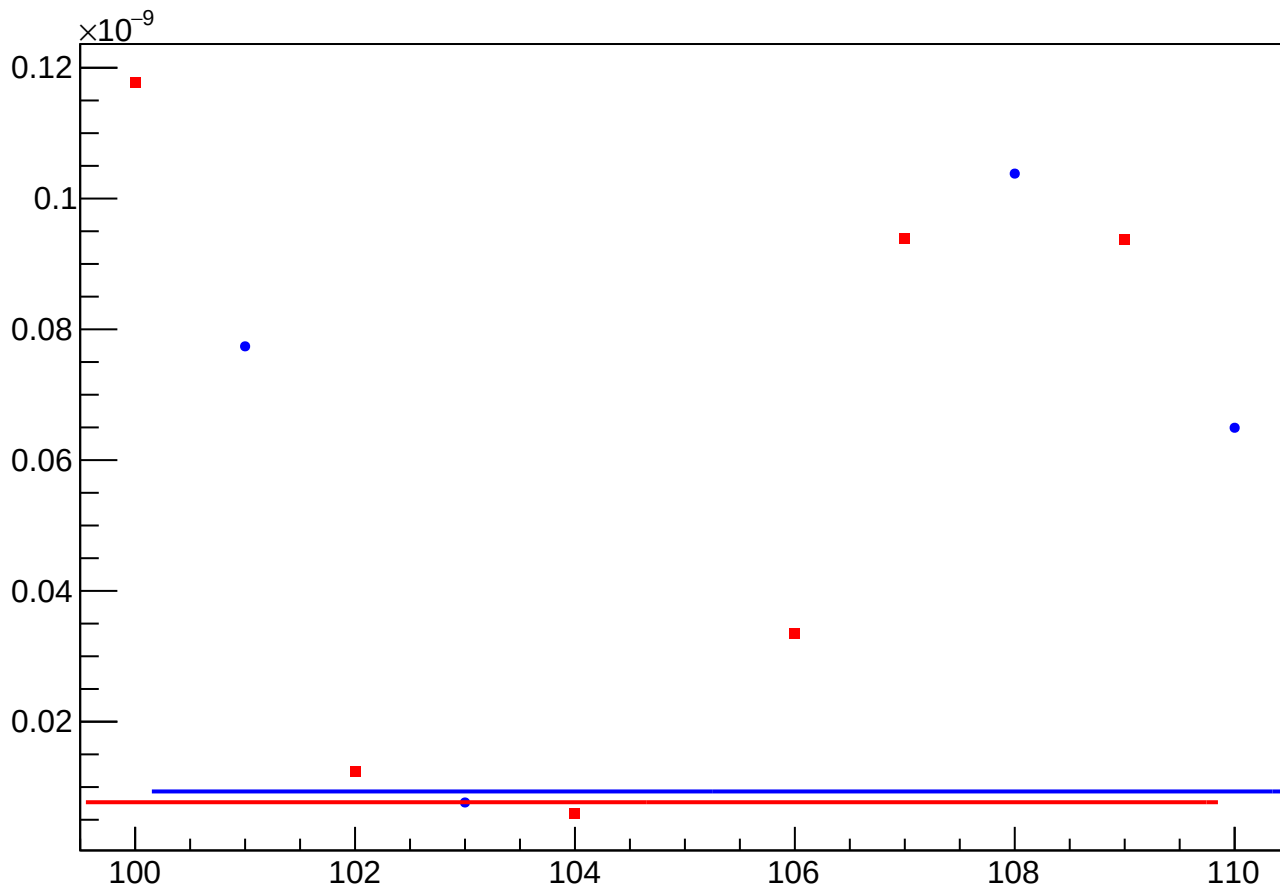
Right: 0.000+/-0.000 χ^2/NDF : 13.3/9

In: -0.000+/-0.000 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.3/9

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1397228.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1206737.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

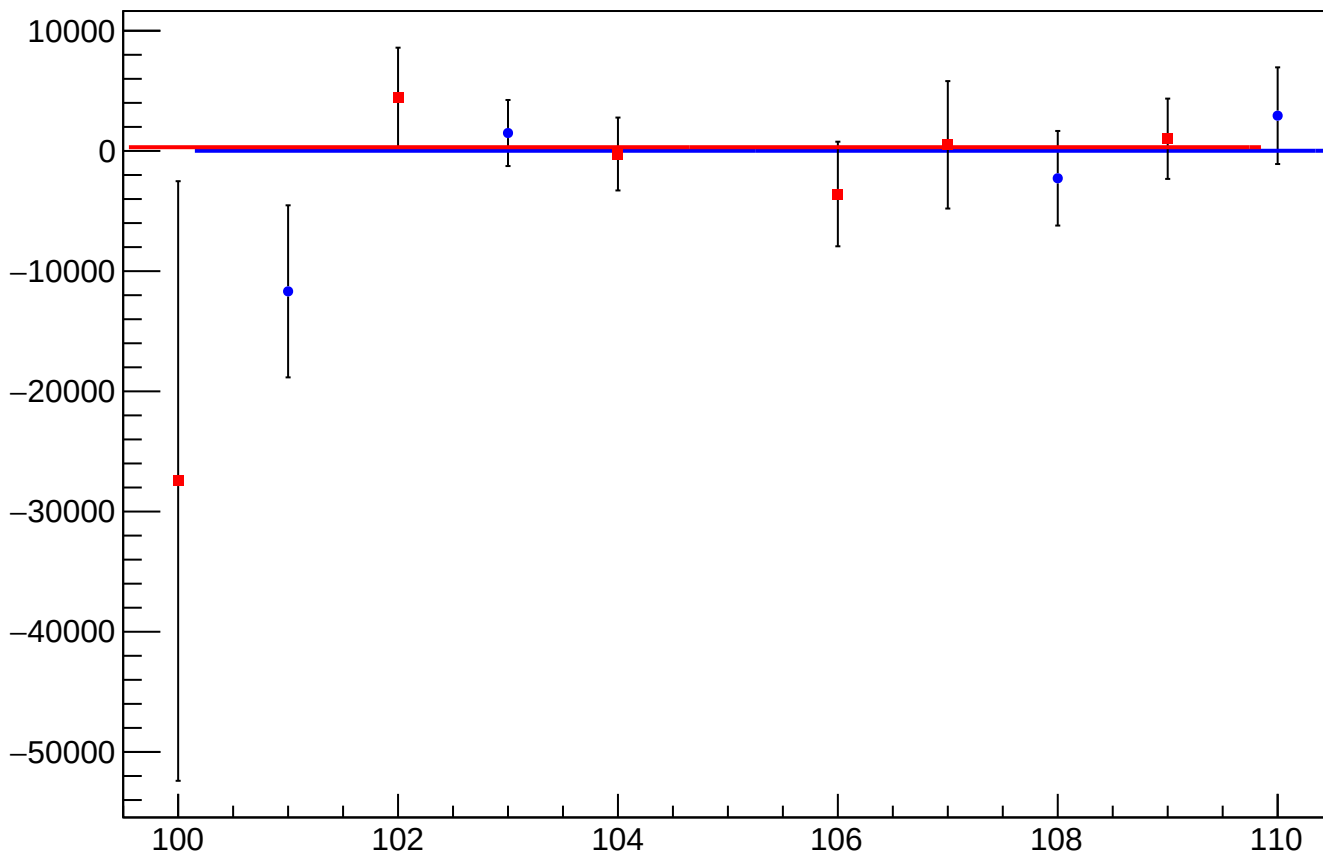
Right: 0.000+/-0.000 χ^2/NDF : 2623490.9/9

In: 0.000+/-0.000 χ^2/NDF : 1397228.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2623490.9/9

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 15.670+/-1895.503 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.181+/-1698.067 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

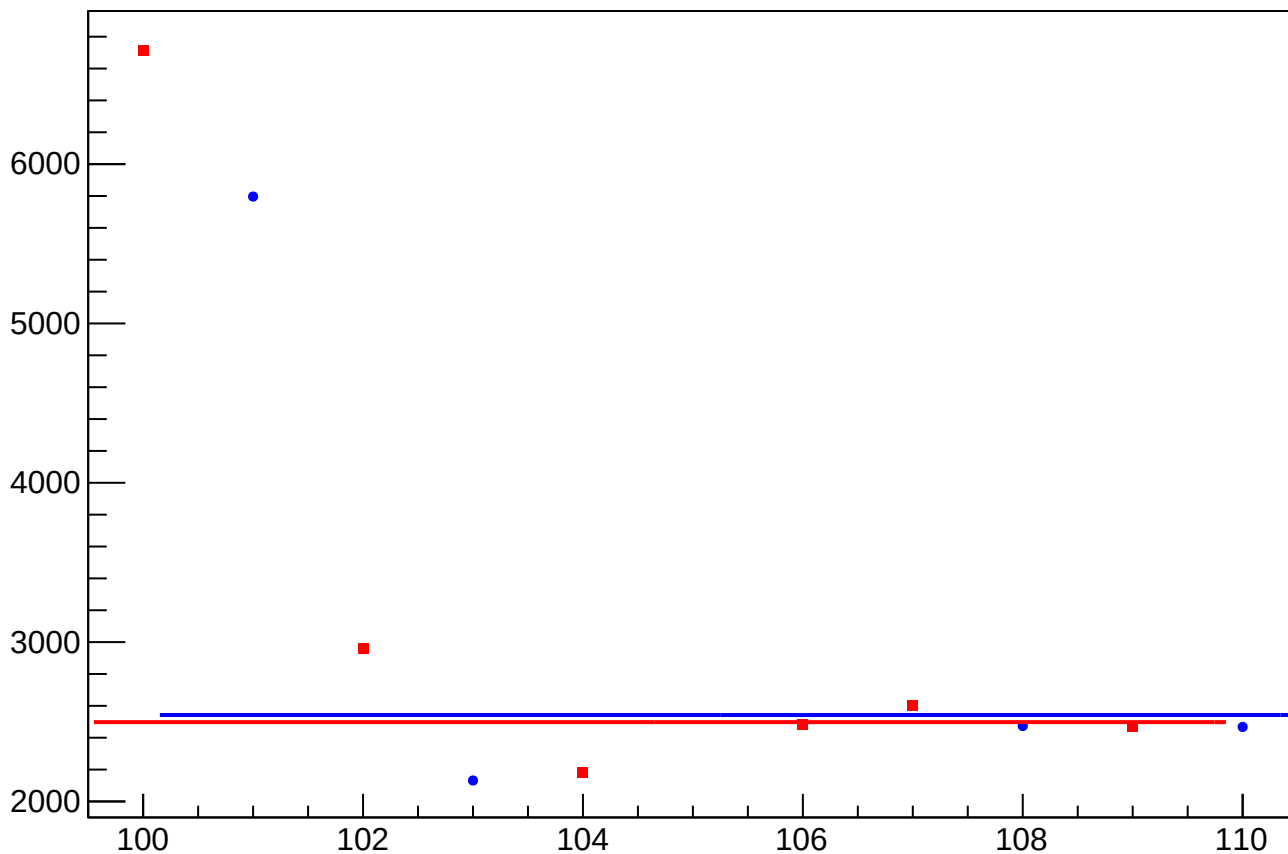
Right: 180.167+/-1264.776 χ^2/NDF : 7.0/9

In: 15.670+/-1895.503 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.167+/-1264.776 χ^2/NDF : 7.0/9

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2542.504+/-1.340 χ^2/NDF : 459393.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2497.799+/-1.201 χ^2/NDF : 104537.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

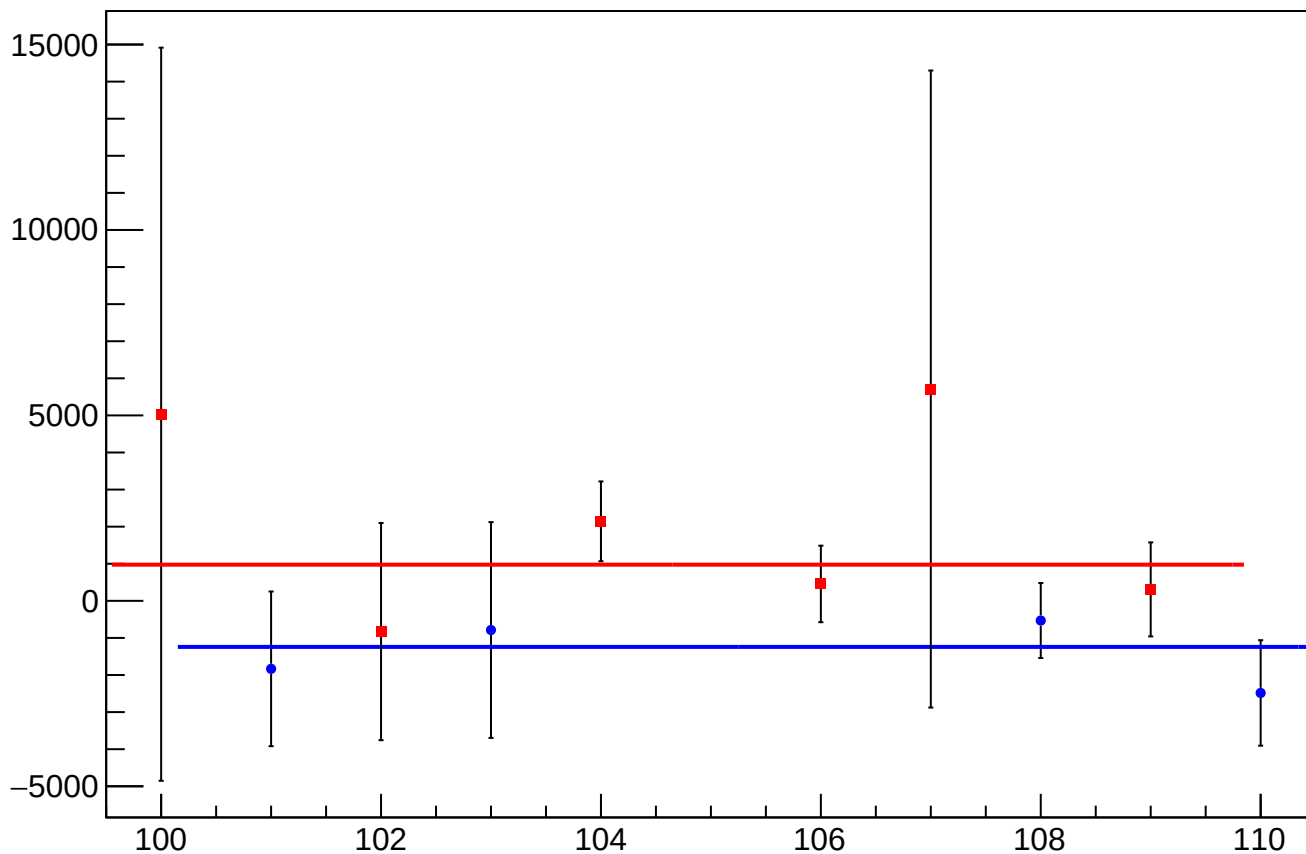
Right: 2517.703+/-0.894 χ^2/NDF : 564547.7/9

In: 2542.504+/-1.340 χ^2/NDF : 459393.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2517.703+/-0.894 χ^2/NDF : 564547.7/9

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1242.035+/-740.969 χ^2/NDF : 1.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 974.997+/-624.532 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

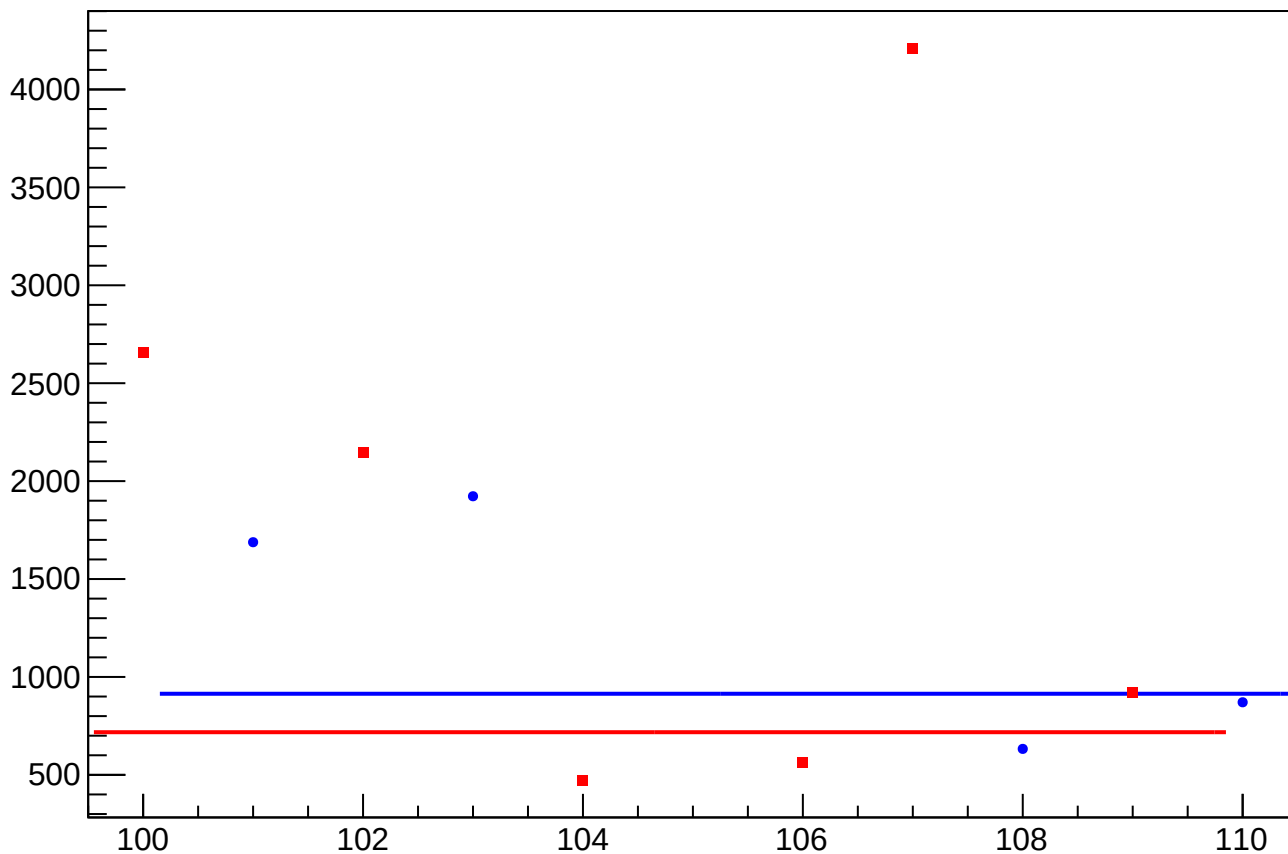
Right: 54.165+/-477.534 χ^2/NDF : 9.2/9

In: -1242.035+/-740.969 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.165+/-477.534 χ^2/NDF : 9.2/9

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 914.186+/-0.524 χ^2/NDF : 672679.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 717.834+/-0.442 χ^2/NDF : 1086216.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

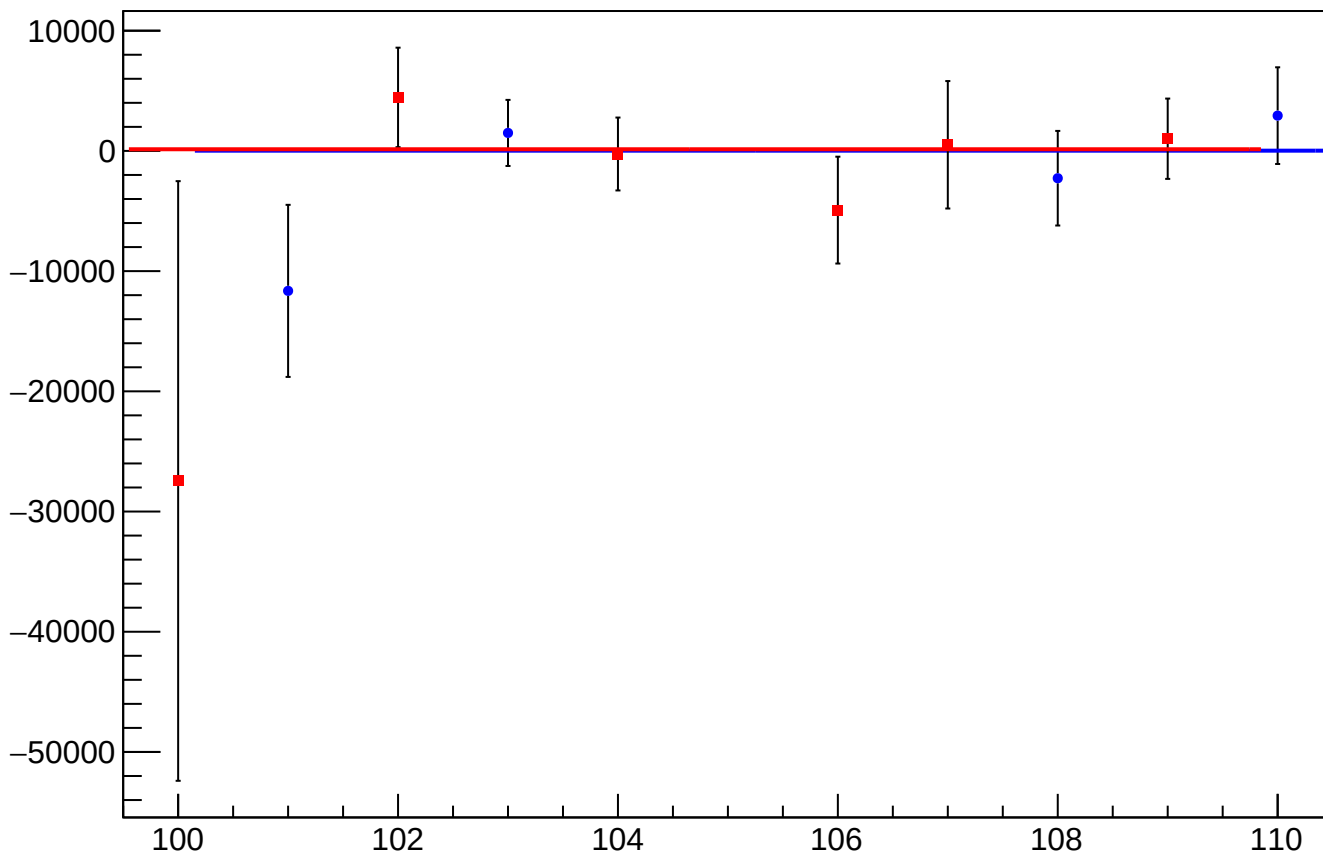
Right: 799.388+/-0.338 χ^2/NDF : 1841006.6/9

In: 914.186+/-0.524 χ^2/NDF : 672679.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.388+/-0.338 χ^2/NDF : 1841006.6/9

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 20.193+/-1895.505 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 137.828+/-1703.459 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

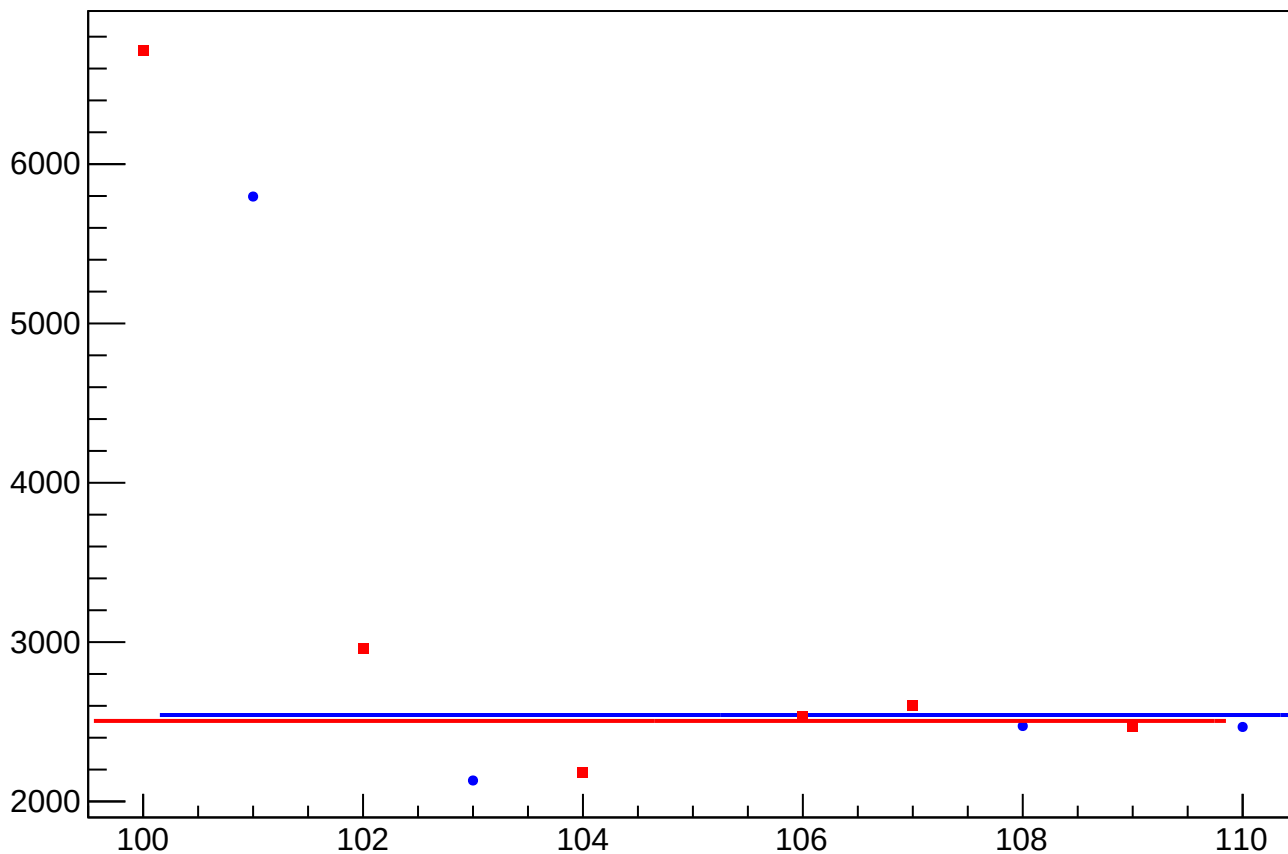
Right: 85.270+/-1267.000 χ^2/NDF : 7.5/9

In: 20.193+/-1895.505 χ^2/NDF :3.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 85.270+/-1267.000 χ^2/NDF : 7.5/9

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2542.505+/-1.340 χ^2/NDF : 459393.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2505.340+/-1.205 χ^2/NDF : 104613.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

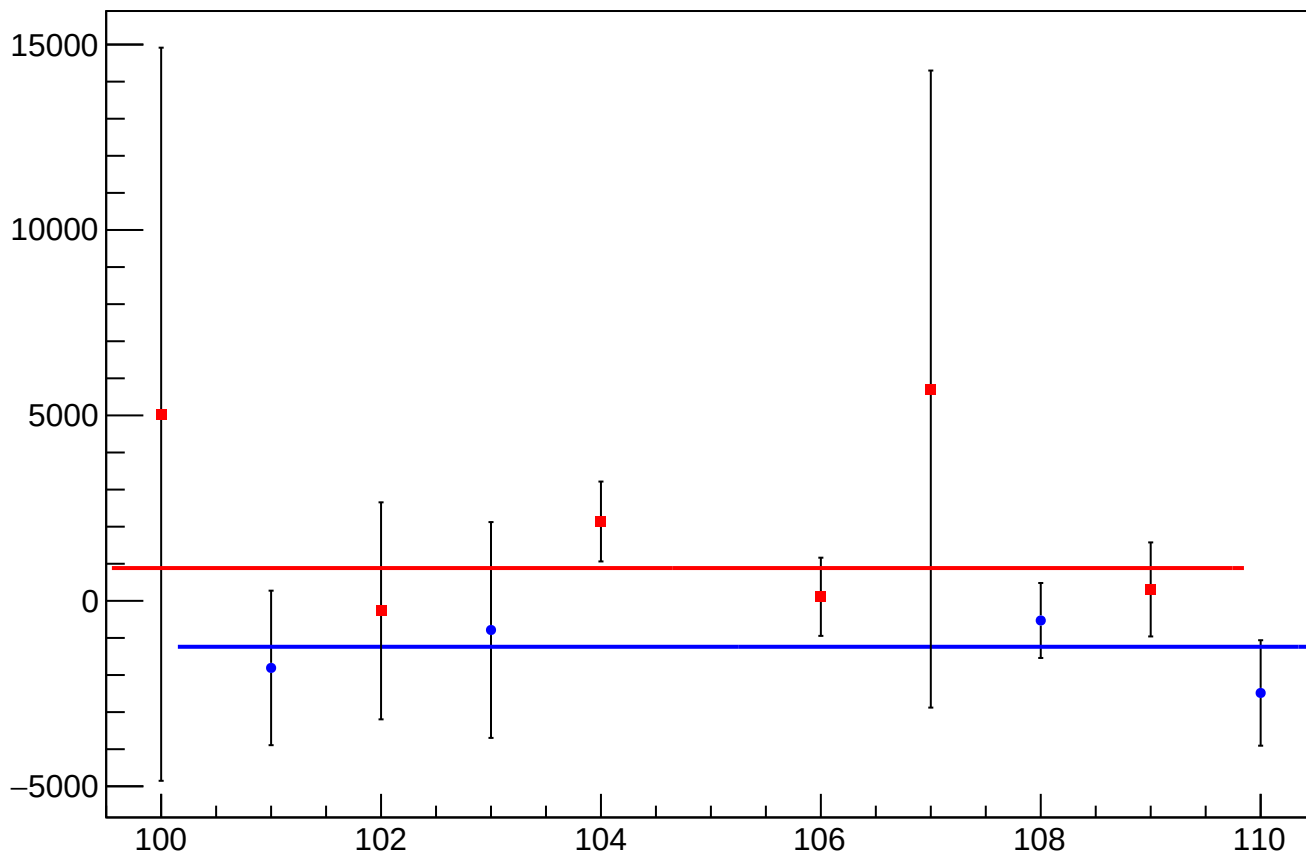
Right: 2521.944+/-0.896 χ^2/NDF : 564432.8/9

In: 2542.505+/-1.340 χ^2/NDF : 459393.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2521.944+/-0.896 χ^2/NDF : 564432.8/9

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1238.299+/-740.862 χ^2/NDF : 1.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 884.280+/-629.316 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

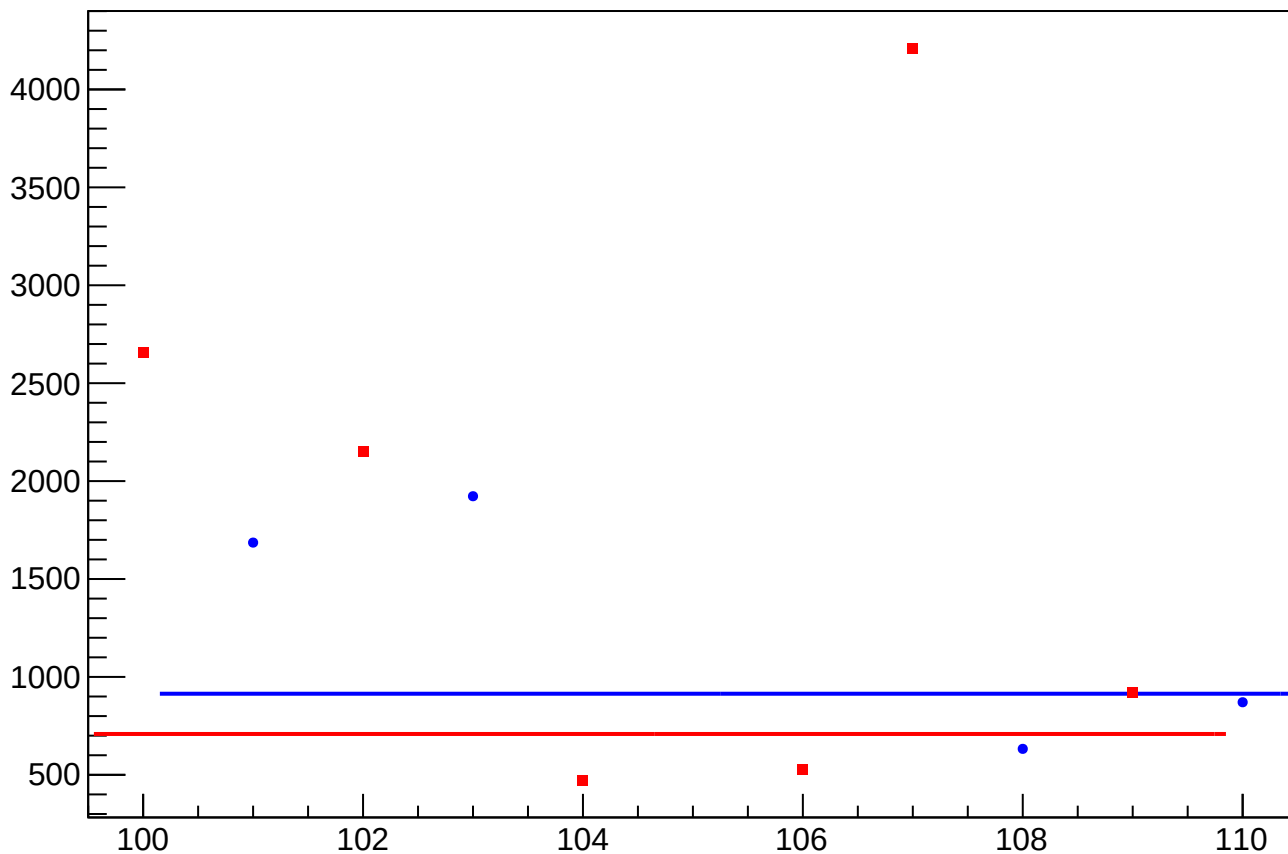
Right: -5.348+/-479.634 χ^2/NDF : 8.9/9

In: -1238.299+/-740.862 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.348+/-479.634 χ^2/NDF : 8.9/9

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 914.171+/-0.524 χ^2/NDF : 671870.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 708.644+/-0.445 χ^2/NDF : 1107719.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

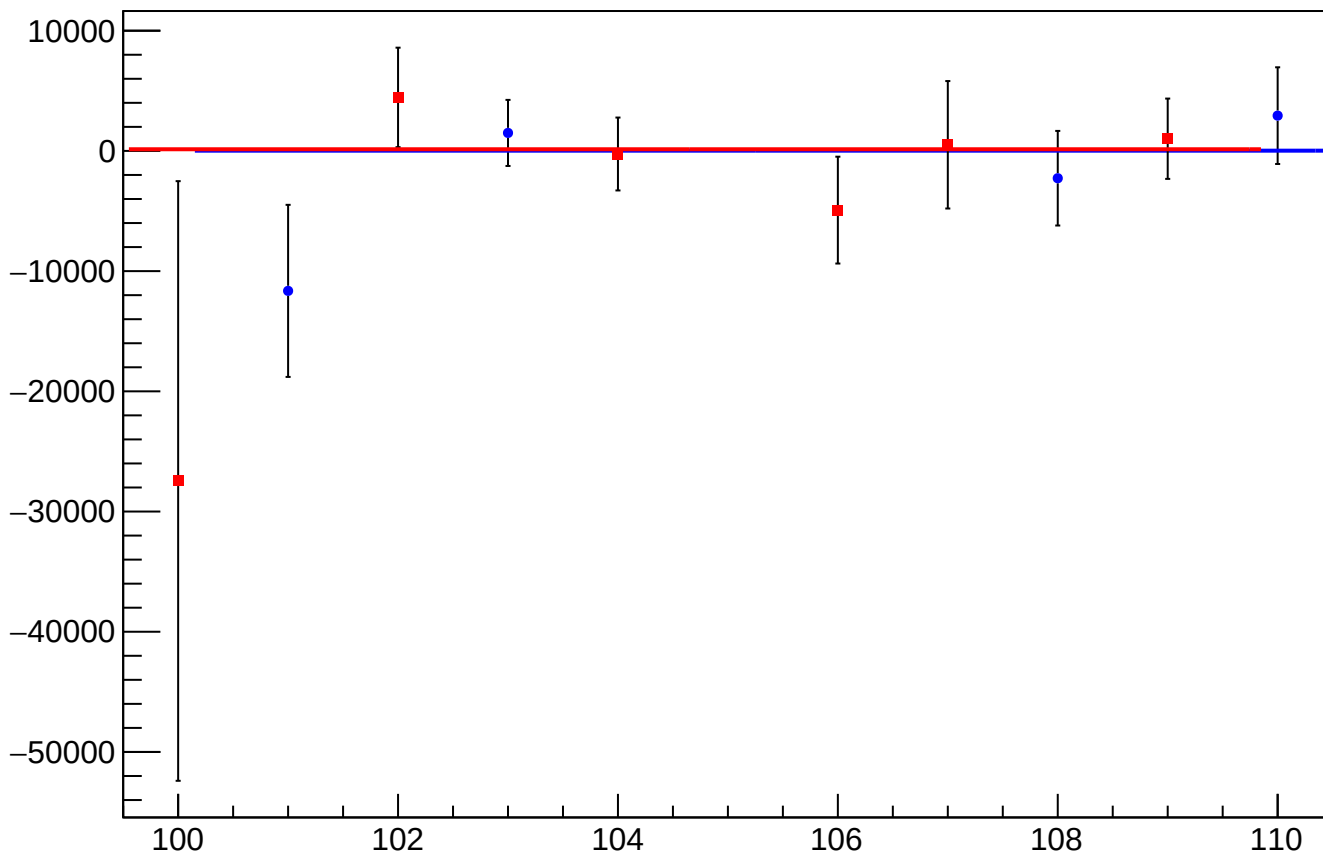
Right: 794.786+/-0.339 χ^2/NDF : 1868997.5/9

In: 914.171+/-0.524 χ^2/NDF : 671870.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 794.786+/-0.339 χ^2/NDF : 1868997.5/9

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 20.193+/-1895.505 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 137.828+/-1703.459 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

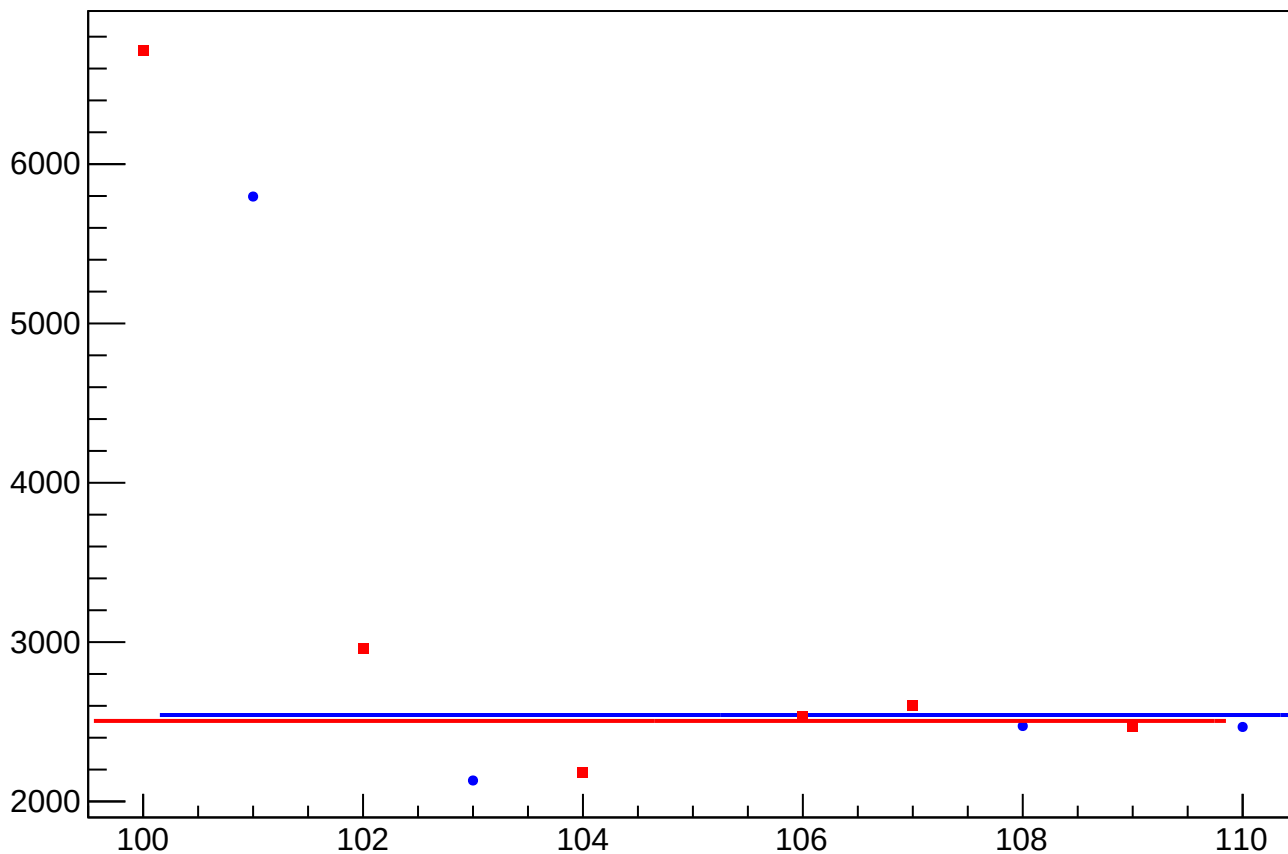
Right: 85.270+/-1267.000 χ^2/NDF : 7.5/9

In: 20.193+/-1895.505 χ^2/NDF :3.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 85.270+/-1267.000 χ^2/NDF : 7.5/9

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2542.505+/-1.340 χ^2/NDF : 459393.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2505.340+/-1.205 χ^2/NDF : 104613.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

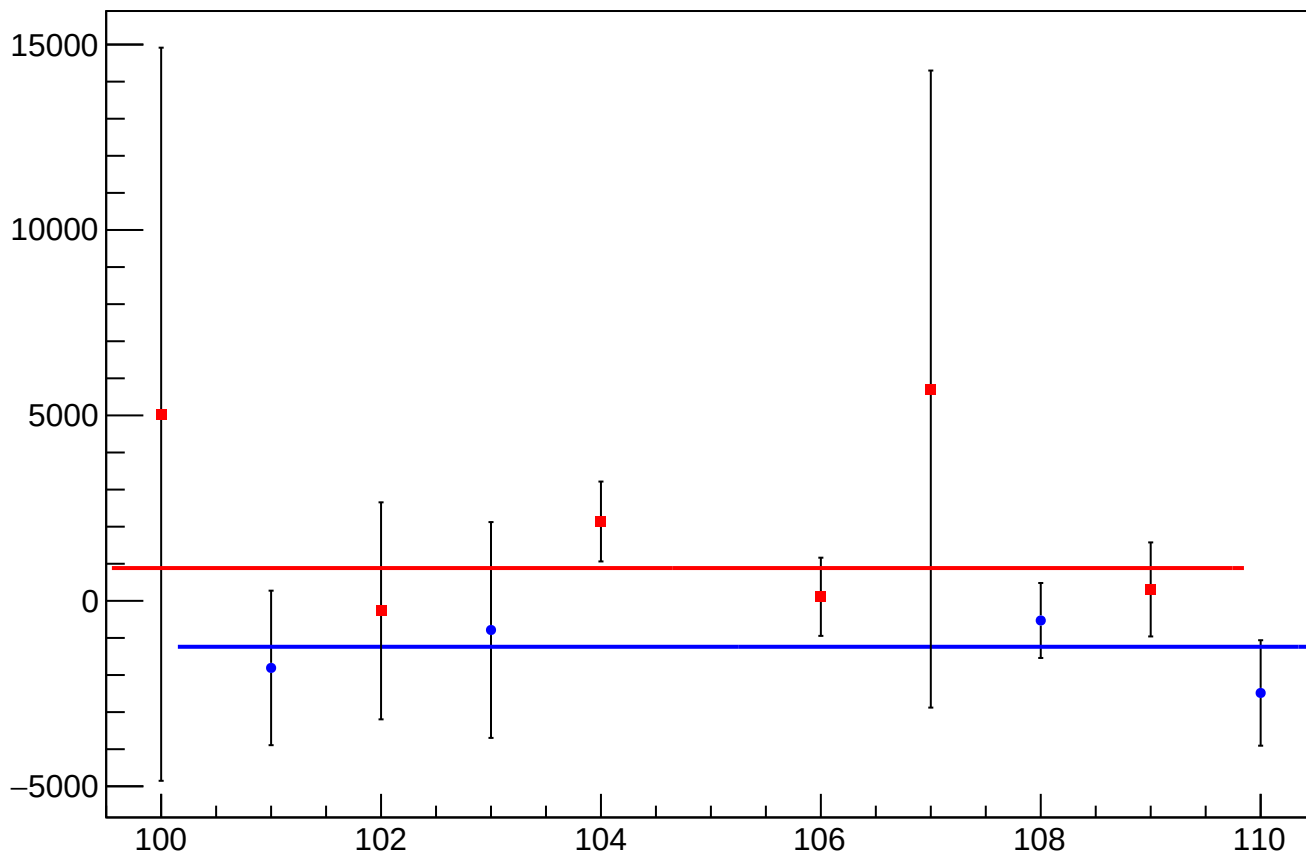
Right: 2521.944+/-0.896 χ^2/NDF : 564432.8/9

In: 2542.505+/-1.340 χ^2/NDF : 459393.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2521.944+/-0.896 χ^2/NDF : 564432.8/9

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1238.299+/-740.862 χ^2/NDF : 1.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 884.280+/-629.316 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

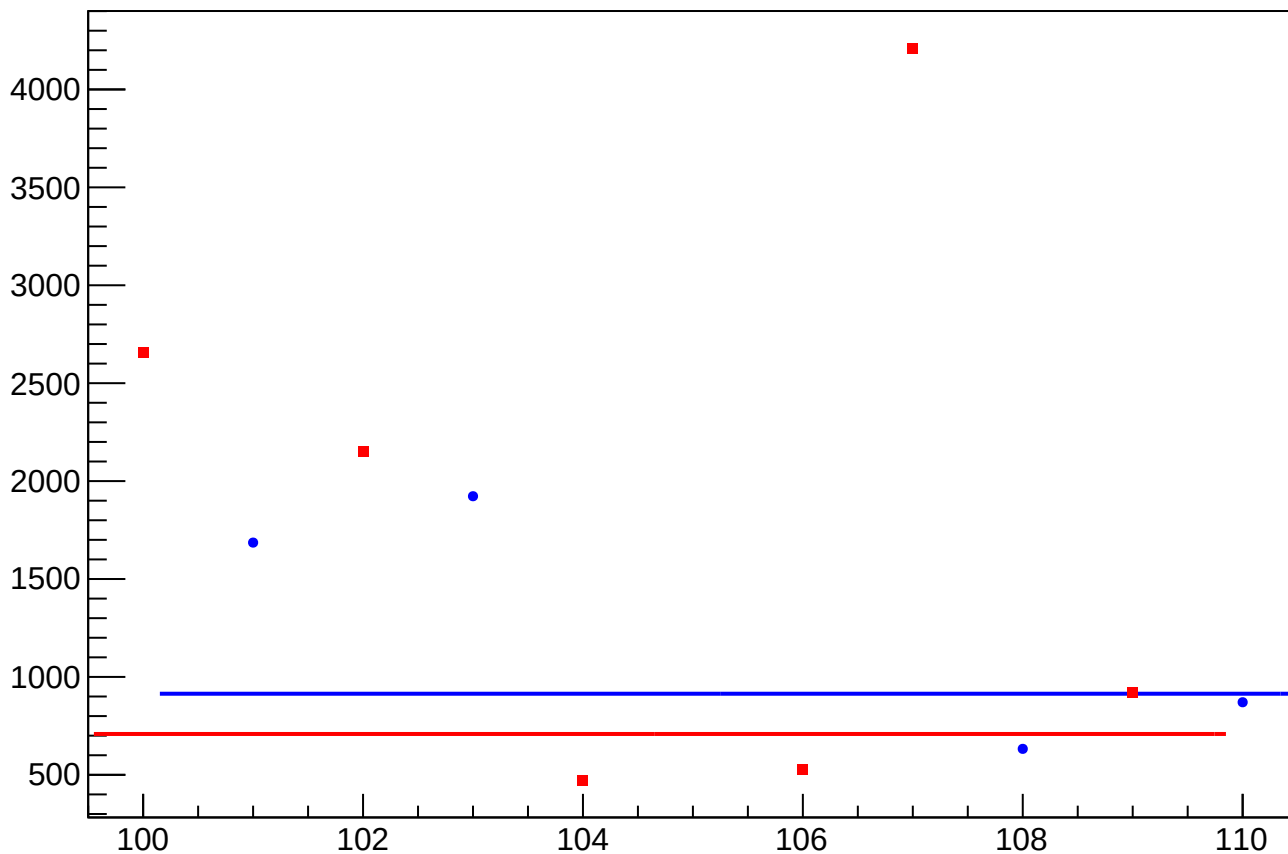
Right: -5.348+/-479.634 χ^2/NDF : 8.9/9

In: -1238.299+/-740.862 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.348+/-479.634 χ^2/NDF : 8.9/9

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 914.171+/-0.524 χ^2/NDF : 671870.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 708.644+/-0.445 χ^2/NDF : 1107719.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

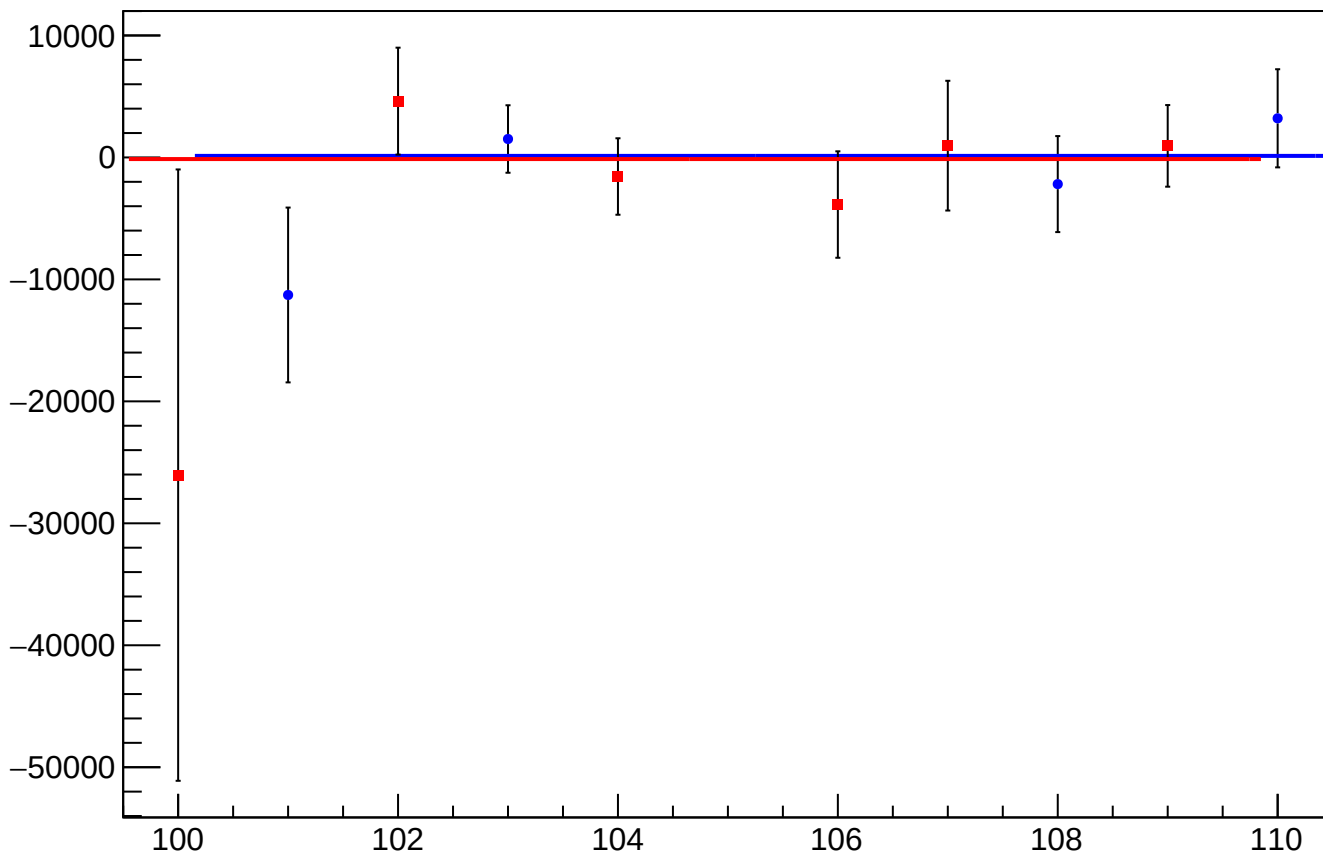
Right: 794.786+/-0.339 χ^2/NDF : 1868997.5/9

In: 914.171+/-0.524 χ^2/NDF : 671870.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 794.786+/-0.339 χ^2/NDF : 1868997.5/9

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 126.624 $\pm$ 1901.974 χ^2 /NDF: 3.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -133.446 $\pm$ 1734.106 χ^2 /NDF: 3.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

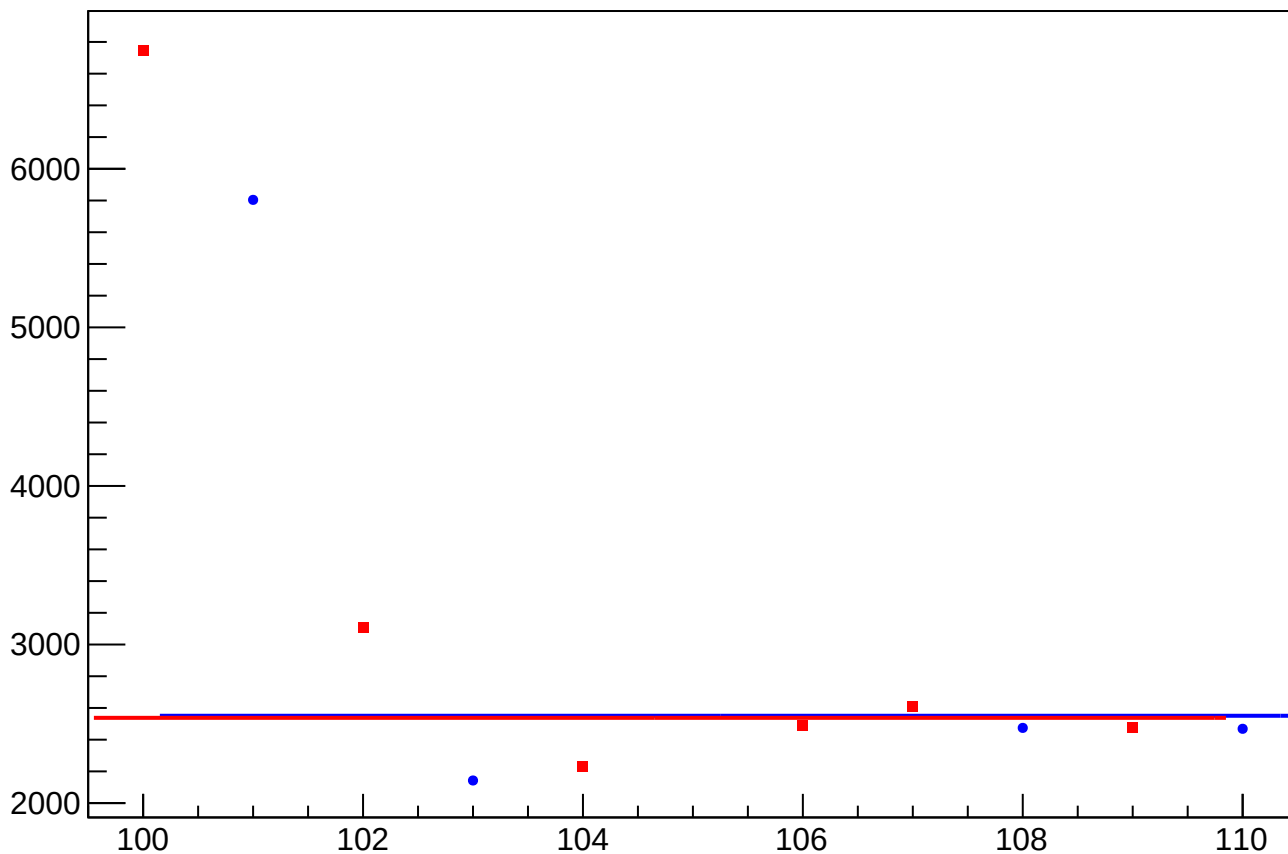
Right: -15.392 $\pm$ 1281.443 χ^2 /NDF: 7.1/9

In: 126.624 $\pm$ 1901.974 χ^2 /NDF:3.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.392 $\pm$ 1281.443 χ^2 /NDF: 7.1/9

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2550.747+/-1.345 χ^2/NDF : 457219.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2537.694+/-1.226 χ^2/NDF : 110990.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

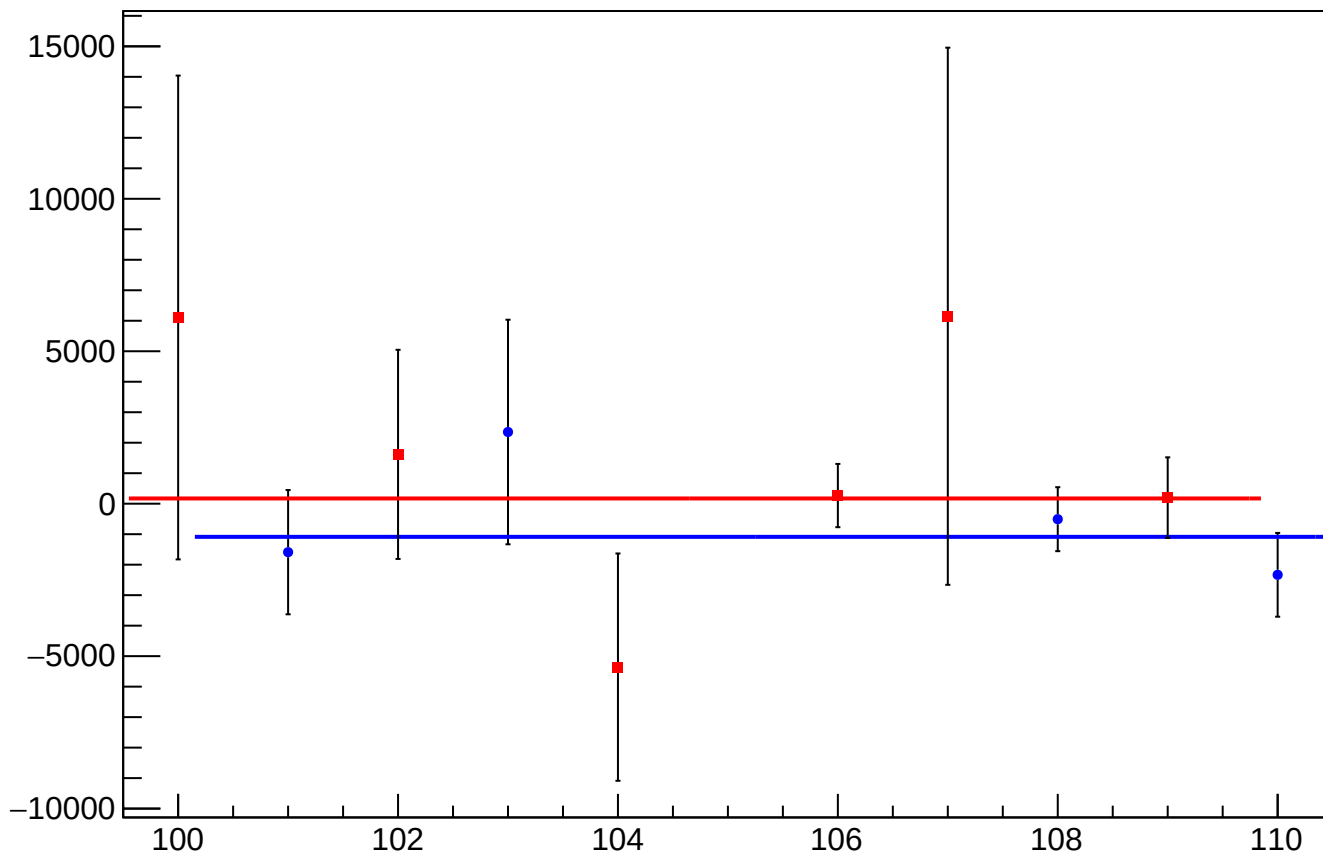
Right: 2543.619+/-0.906 χ^2/NDF : 568260.6/9

In: 2550.747+/-1.345 χ^2/NDF : 457219.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2543.619+/-0.906 χ^2/NDF : 568260.6/9

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1087.281+/-755.139 χ^2/NDF : 2.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.607+/-770.158 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

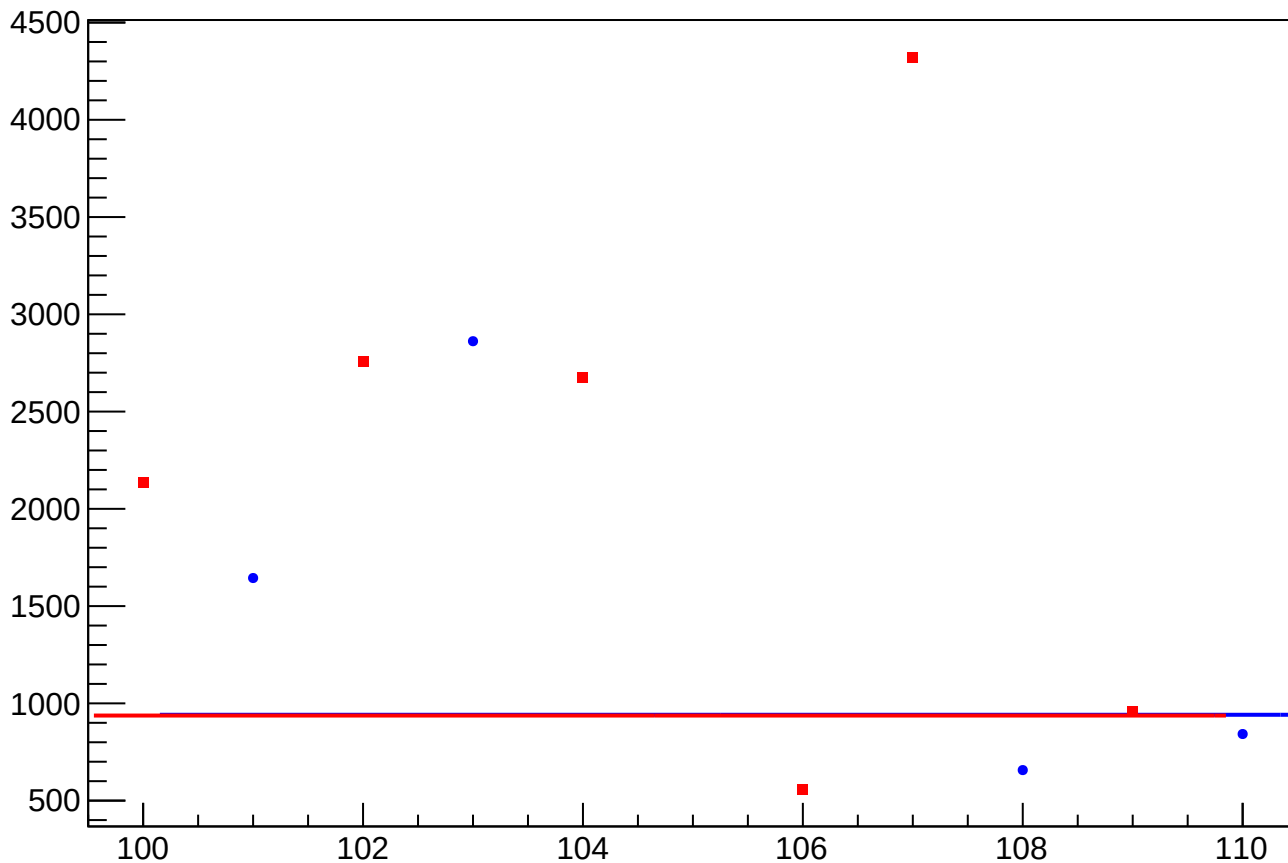
Right: -470.231+/-539.195 χ^2/NDF : 6.8/9

In: -1087.281+/-755.139 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -470.231+/-539.195 χ^2/NDF : 6.8/9

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 941.311+/-0.534 χ^2/NDF : 939431.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 937.364+/-0.545 χ^2/NDF : 1606901.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

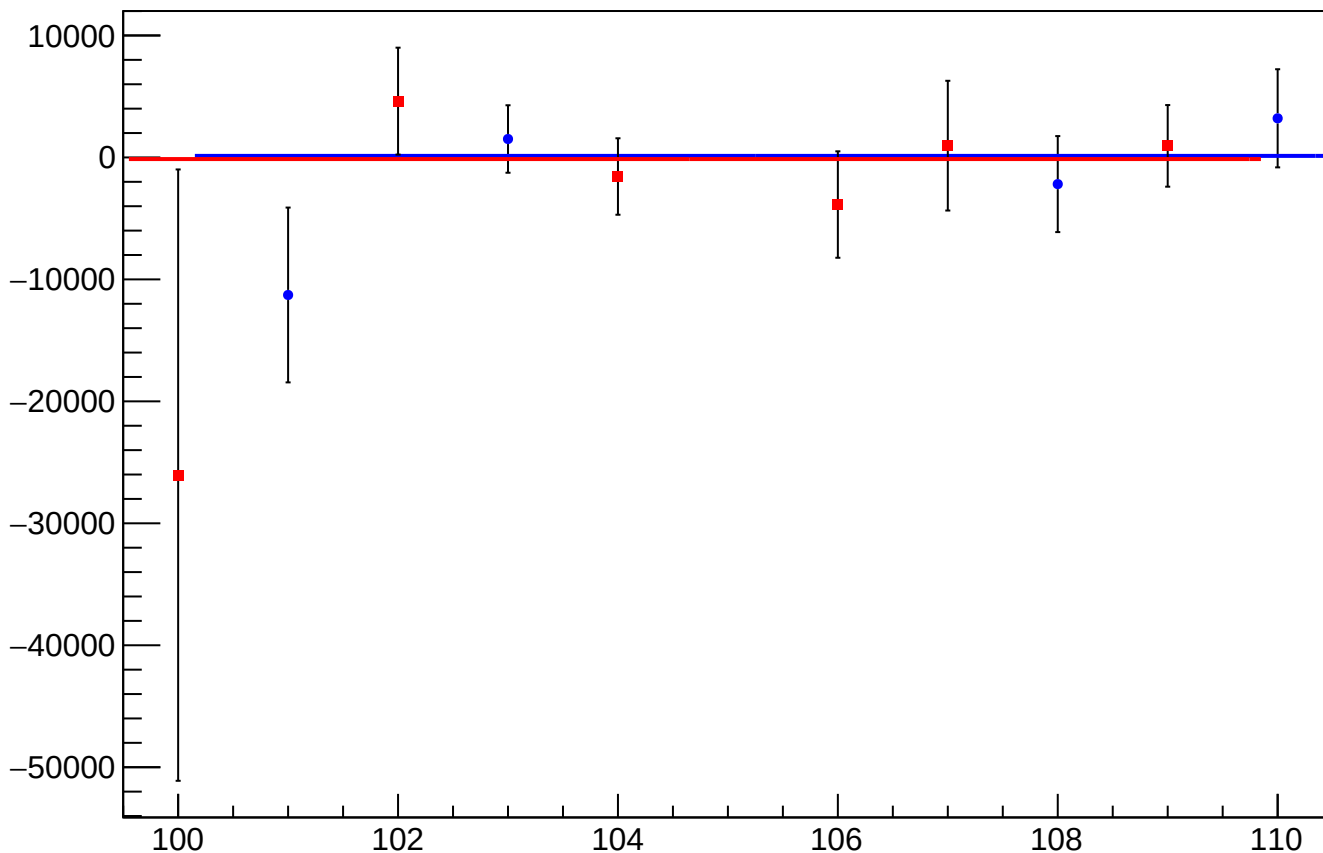
Right: 939.376+/-0.381 χ^2/NDF : 2546359.5/9

In: 941.311+/-0.534 χ^2/NDF : 939431.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 939.376+/-0.381 χ^2/NDF : 2546359.5/9

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 126.620+/-1901.974 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.446+/-1734.106 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

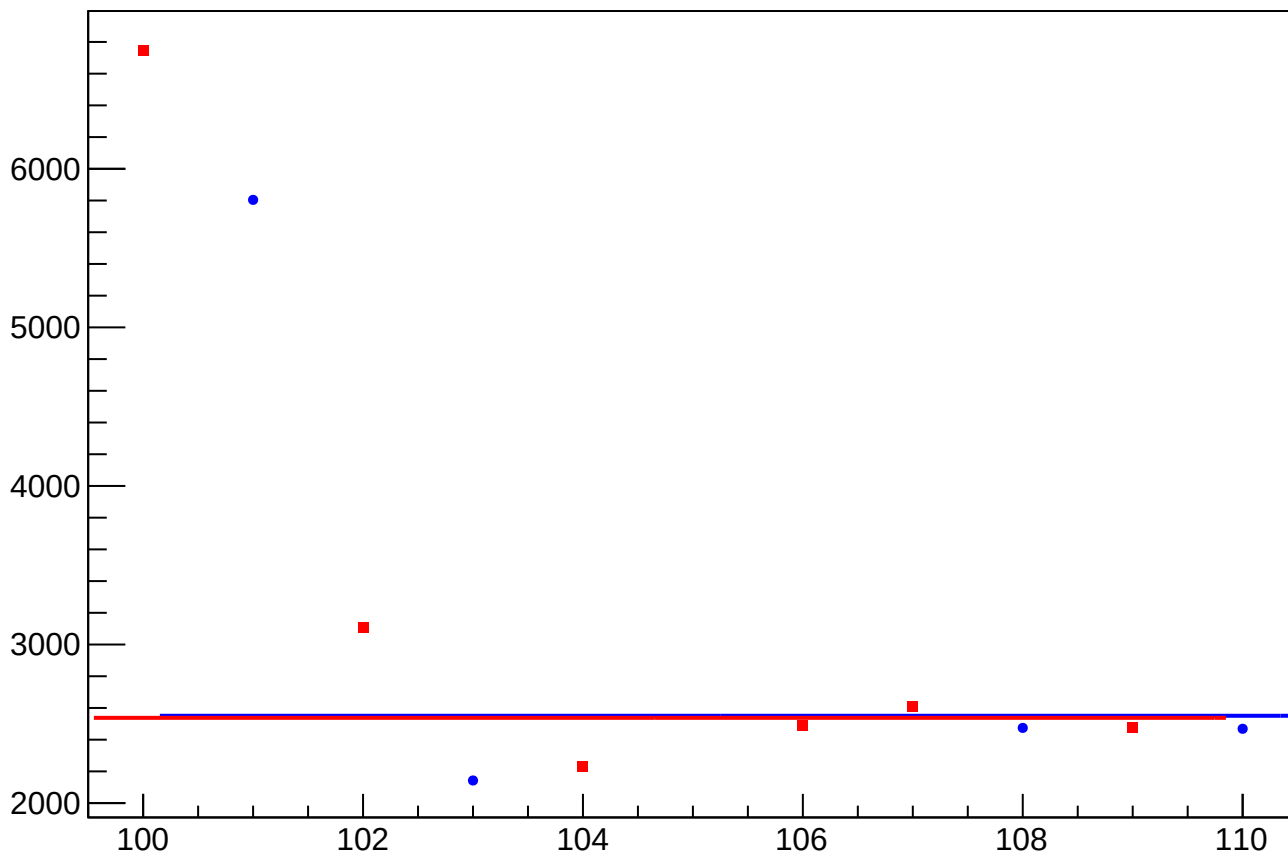
Right: -15.394+/-1281.443 χ^2/NDF : 7.1/9

In: 126.620+/-1901.974 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.394+/-1281.443 χ^2/NDF : 7.1/9

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2550.747+/-1.345 χ^2/NDF : 457219.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2537.694+/-1.226 χ^2/NDF : 110990.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

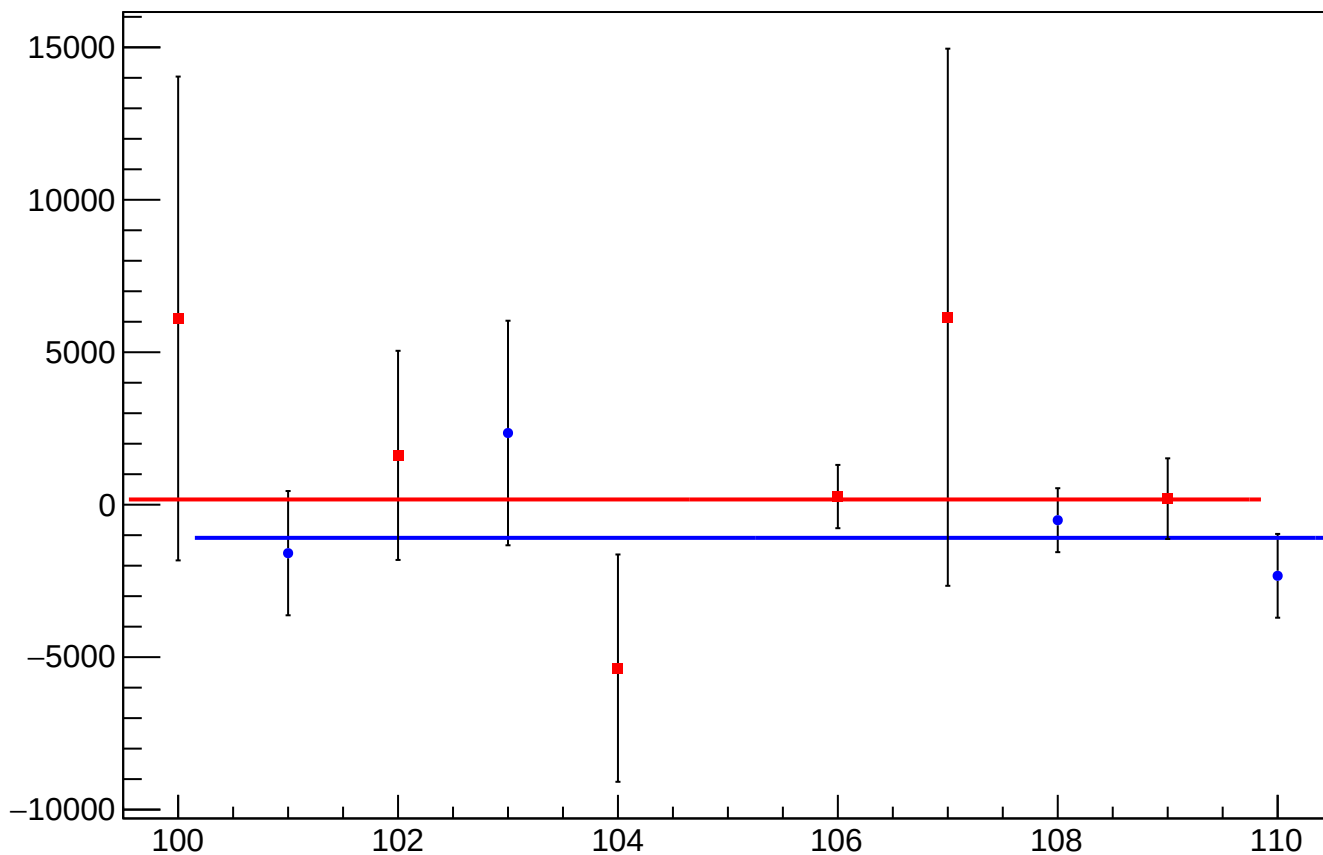
Right: 2543.619+/-0.906 χ^2/NDF : 568260.7/9

In: 2550.747+/-1.345 χ^2/NDF : 457219.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2543.619+/-0.906 χ^2/NDF : 568260.7/9

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1087.284+/-755.142 χ^2/NDF : 2.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.614+/-770.159 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

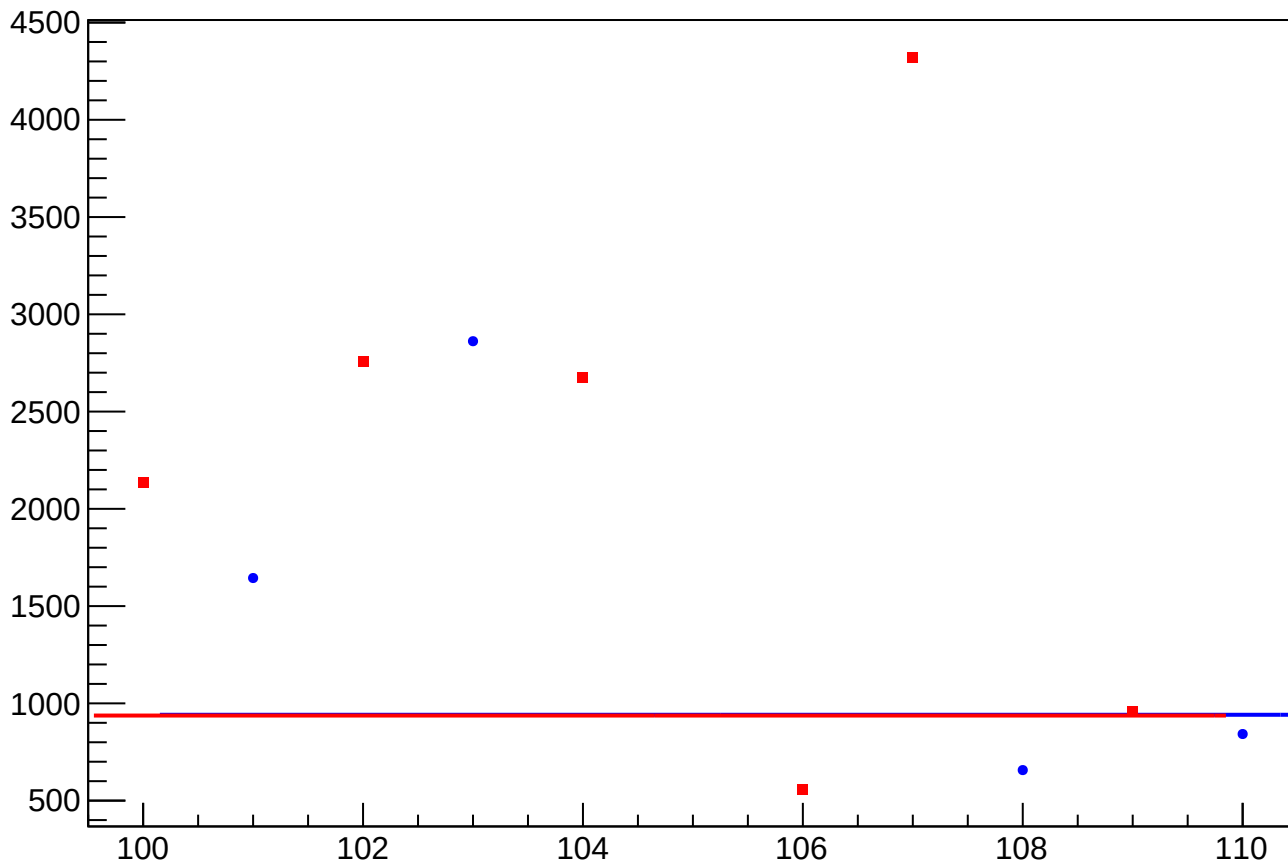
Right: -470.228+/-539.197 χ^2/NDF : 6.8/9

In: -1087.284+/-755.142 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -470.228+/-539.197 χ^2/NDF : 6.8/9

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 941.316+/-0.534 χ^2/NDF : 939426.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 937.366+/-0.545 χ^2/NDF : 1606898.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

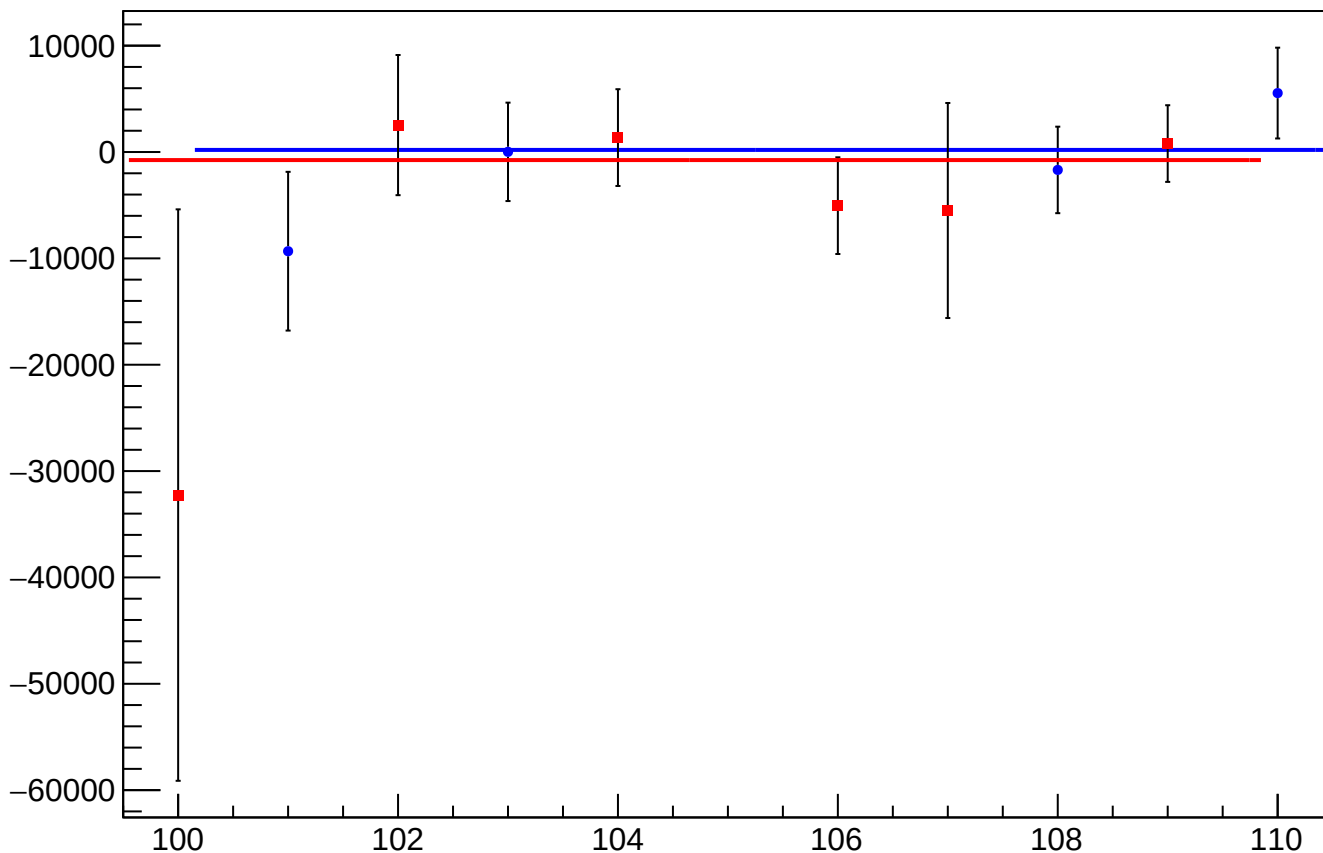
Right: 939.380+/-0.381 χ^2/NDF : 2546351.2/9

In: 941.316+/-0.534 χ^2/NDF : 939426.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 939.380+/-0.381 χ^2/NDF : 2546351.2/9

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 197.618 $\pm$ 2356.903 χ^2 /NDF: 3.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -757.460 $\pm$ 2193.236 χ^2 /NDF: 3.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

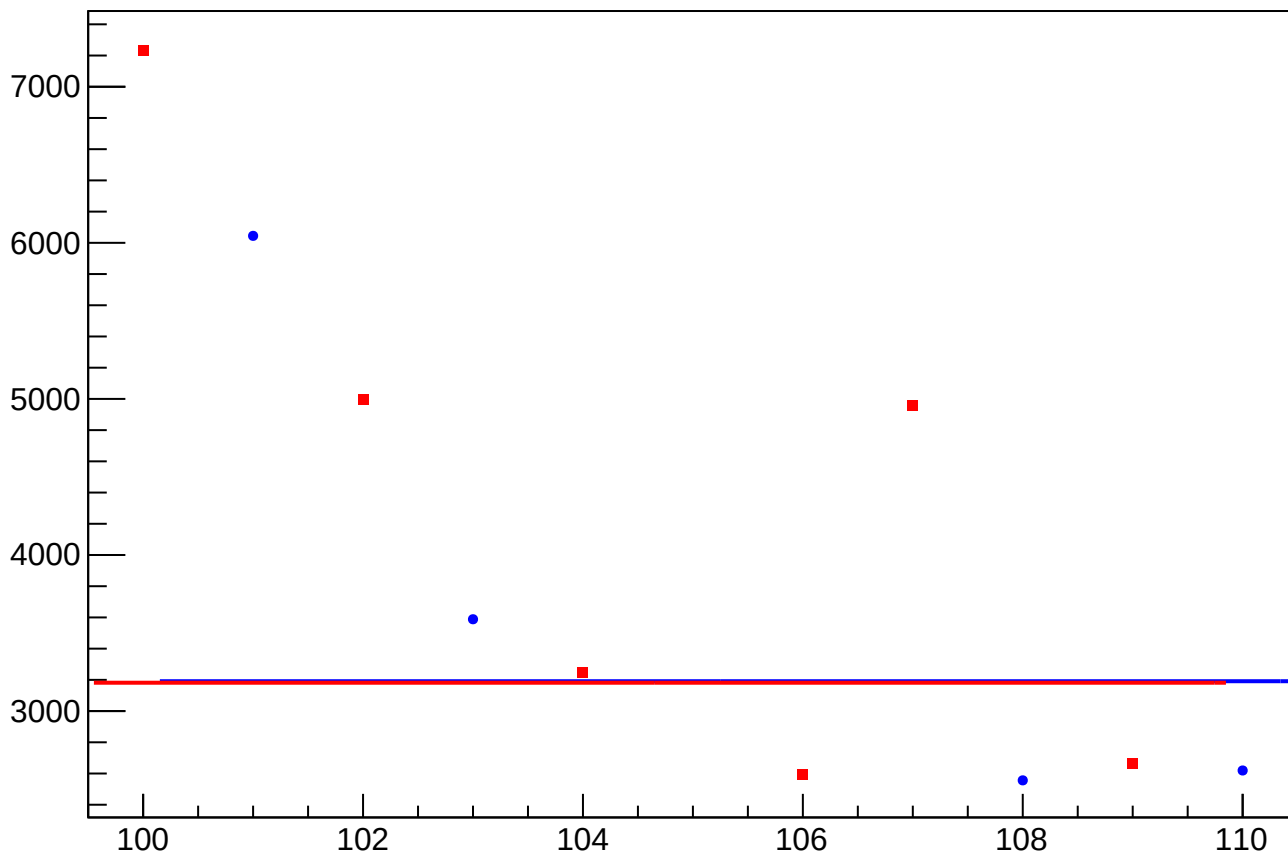
Right: -314.231 $\pm$ 1605.597 χ^2 /NDF: 6.6/9

In: 197.618 $\pm$ 2356.903 χ^2 /NDF:3.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -314.231 $\pm$ 1605.597 χ^2 /NDF: 6.6/9

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3191.313+/-1.667 χ^2/NDF : 391768.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3181.660+/-1.551 χ^2/NDF : 333715.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

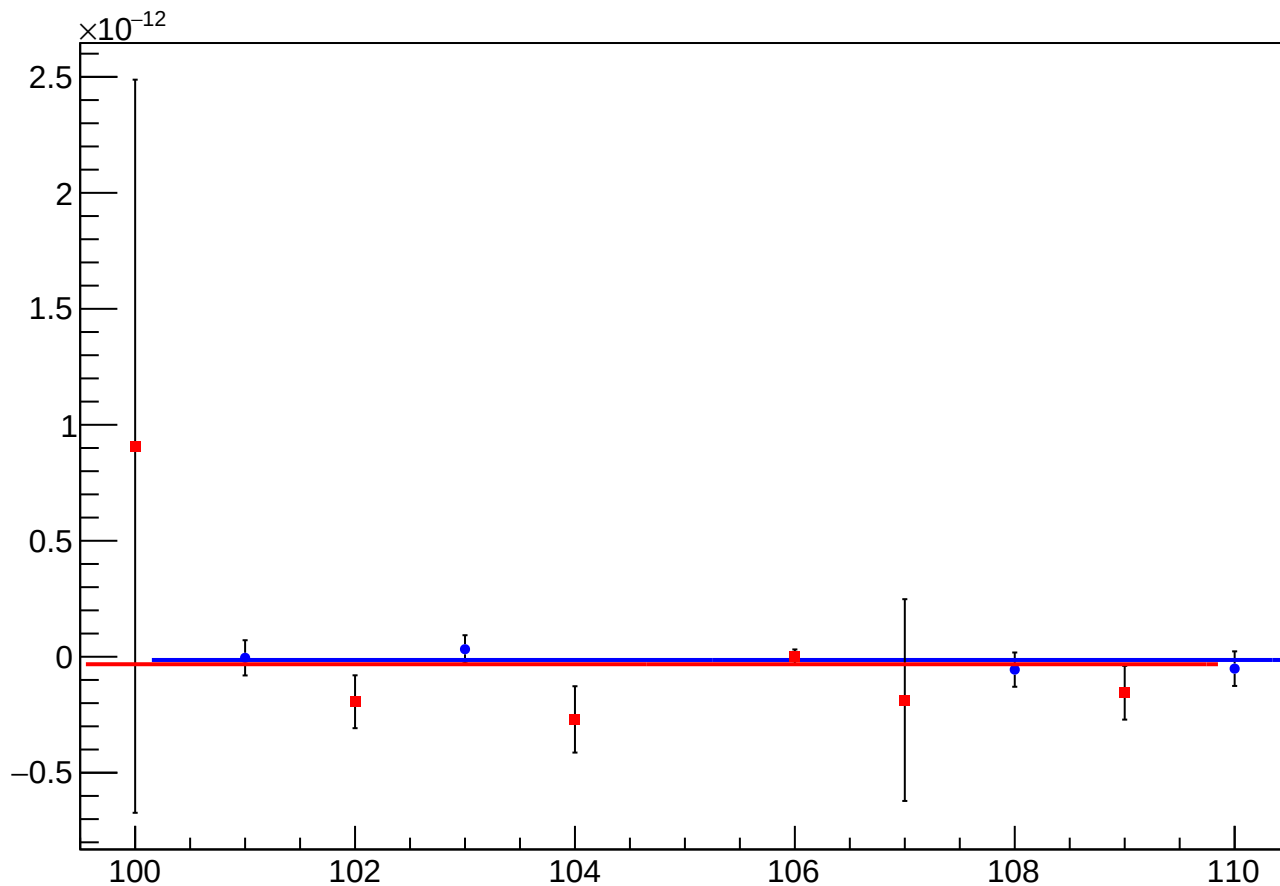
Right: 3186.140+/-1.135 χ^2/NDF : 725502.1/9

In: 3191.313+/-1.667 χ^2/NDF : 391768.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3186.140+/-1.135 χ^2/NDF : 725502.1/9

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.5/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

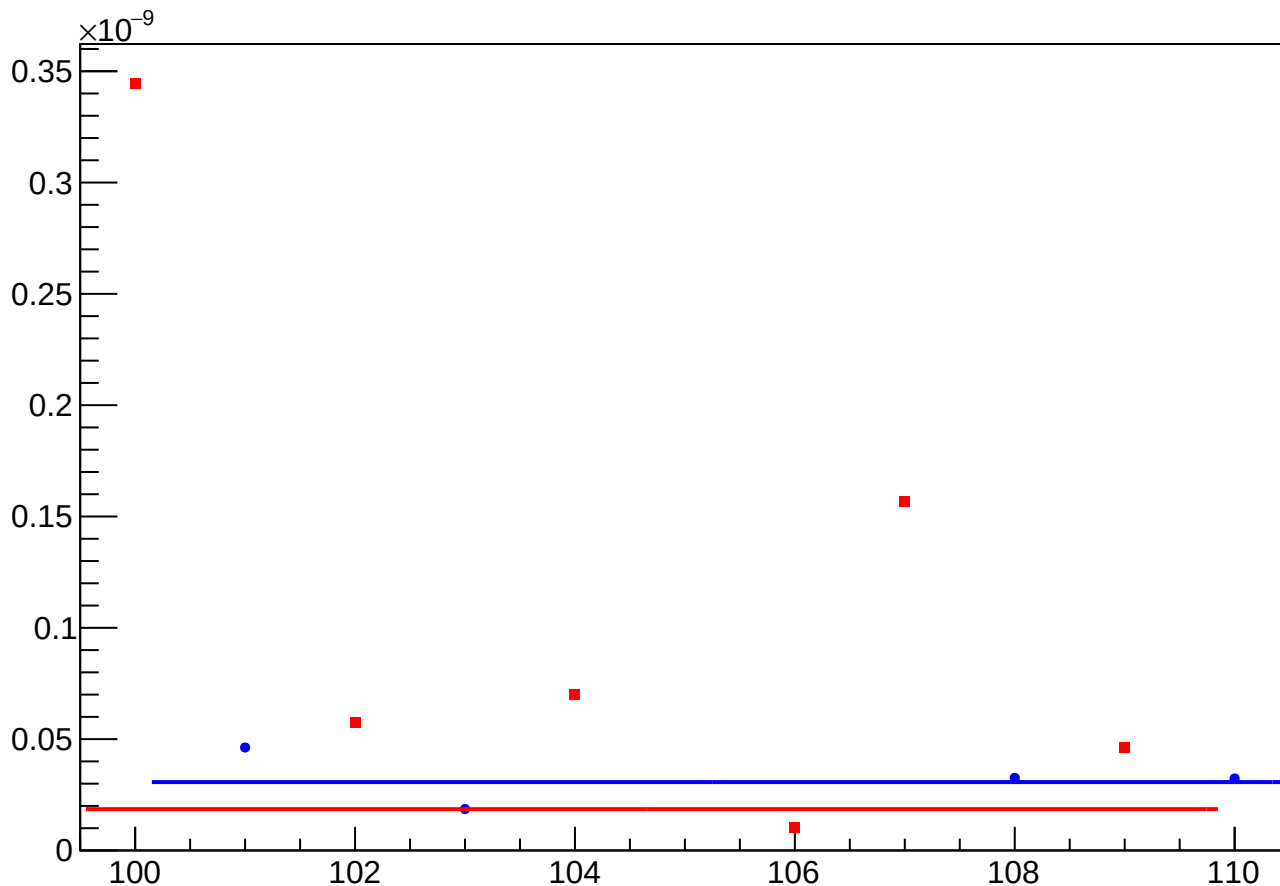
Right: -0.000+/-0.000 χ^2 /NDF: 8.8/9

In: -0.000+/-0.000 χ^2 /NDF:1.2/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.8/9

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 166480.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1032144.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

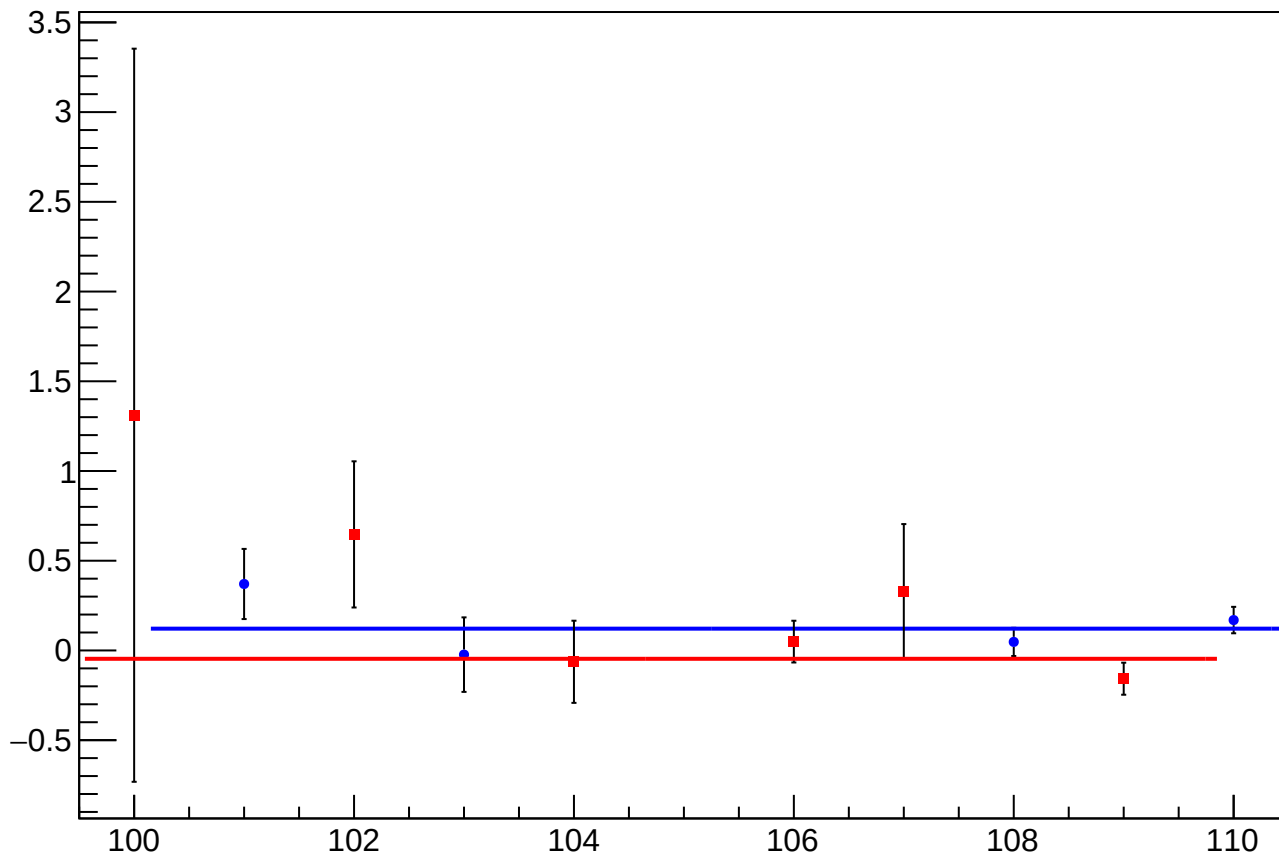
Right: 0.000+/-0.000 χ^2/NDF : 1343732.8/9

In: 0.000+/-0.000 χ^2/NDF : 166480.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1343732.8/9

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.050 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.066 χ^2/NDF : 6.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

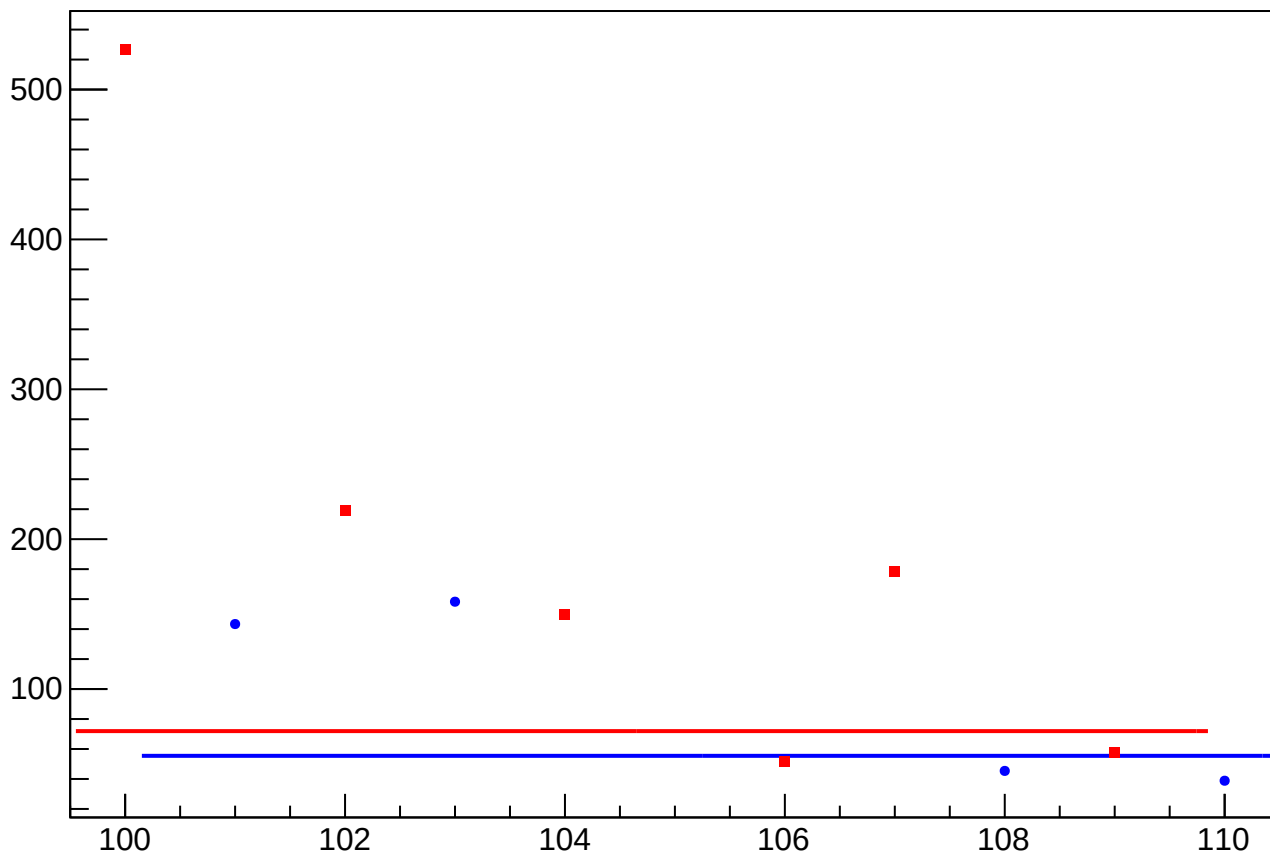
Right: 0.059+/-0.040 χ^2/NDF : 14.1/9

In: 0.121+/-0.050 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.040 χ^2/NDF : 14.1/9

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.443+/-0.036 χ^2/NDF : 1029650.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.936+/-0.046 χ^2/NDF : 859847.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

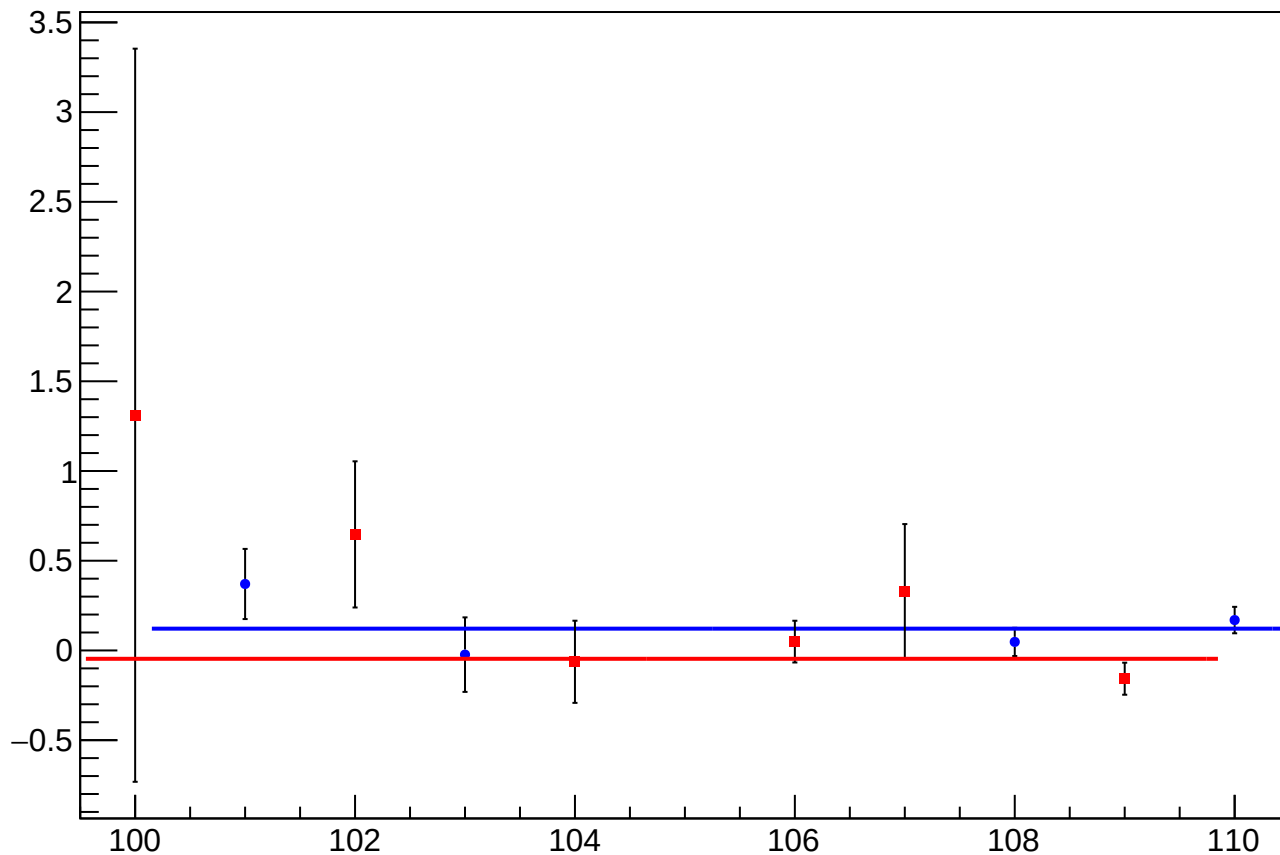
Right: 61.539+/-0.028 χ^2/NDF : 1969007.4/9

In: 55.443+/-0.036 χ^2/NDF : 1029650.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.539+/-0.028 χ^2/NDF : 1969007.4/9

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.050 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.066 χ^2/NDF : 6.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

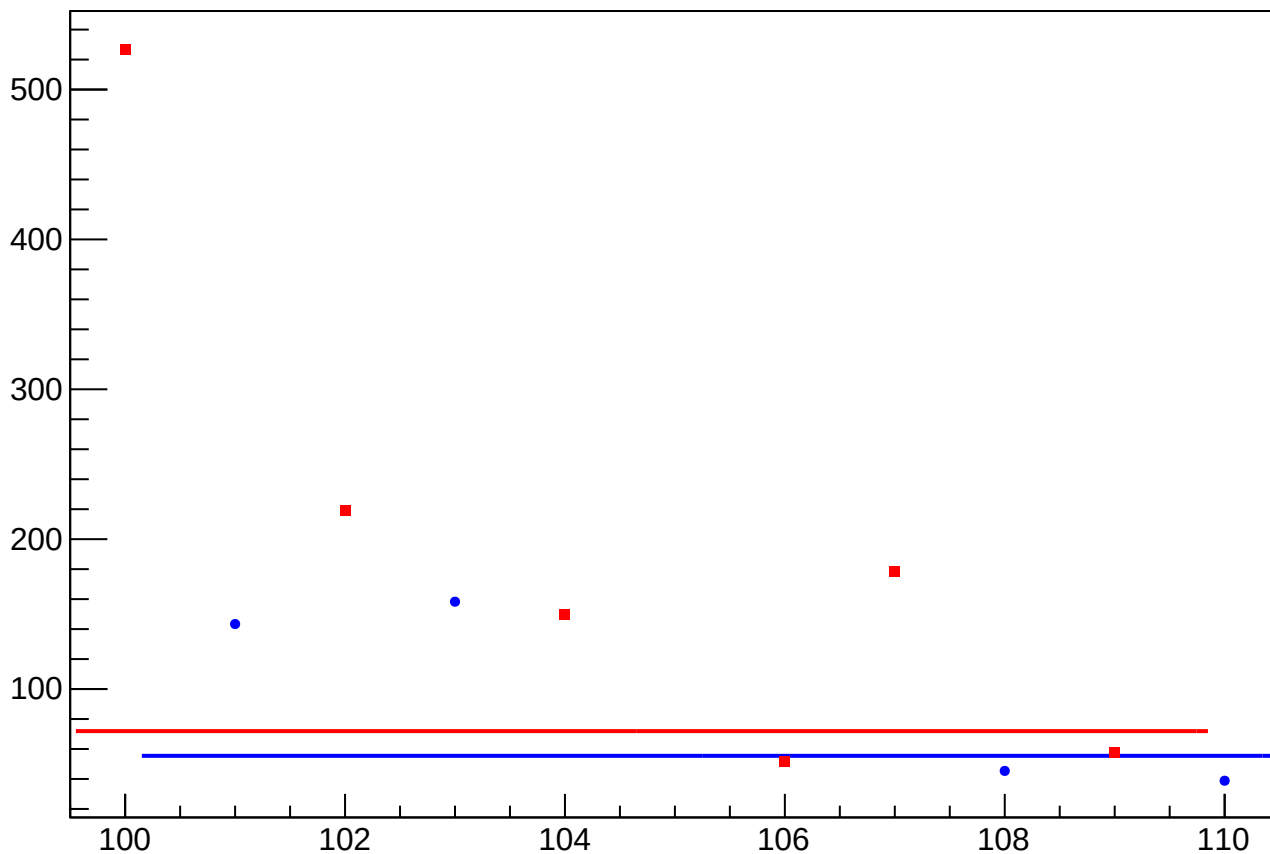
Right: 0.059+/-0.040 χ^2/NDF : 14.1/9

In: 0.121+/-0.050 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.040 χ^2/NDF : 14.1/9

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.443+/-0.036 χ^2/NDF : 1029650.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.936+/-0.046 χ^2/NDF : 859847.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

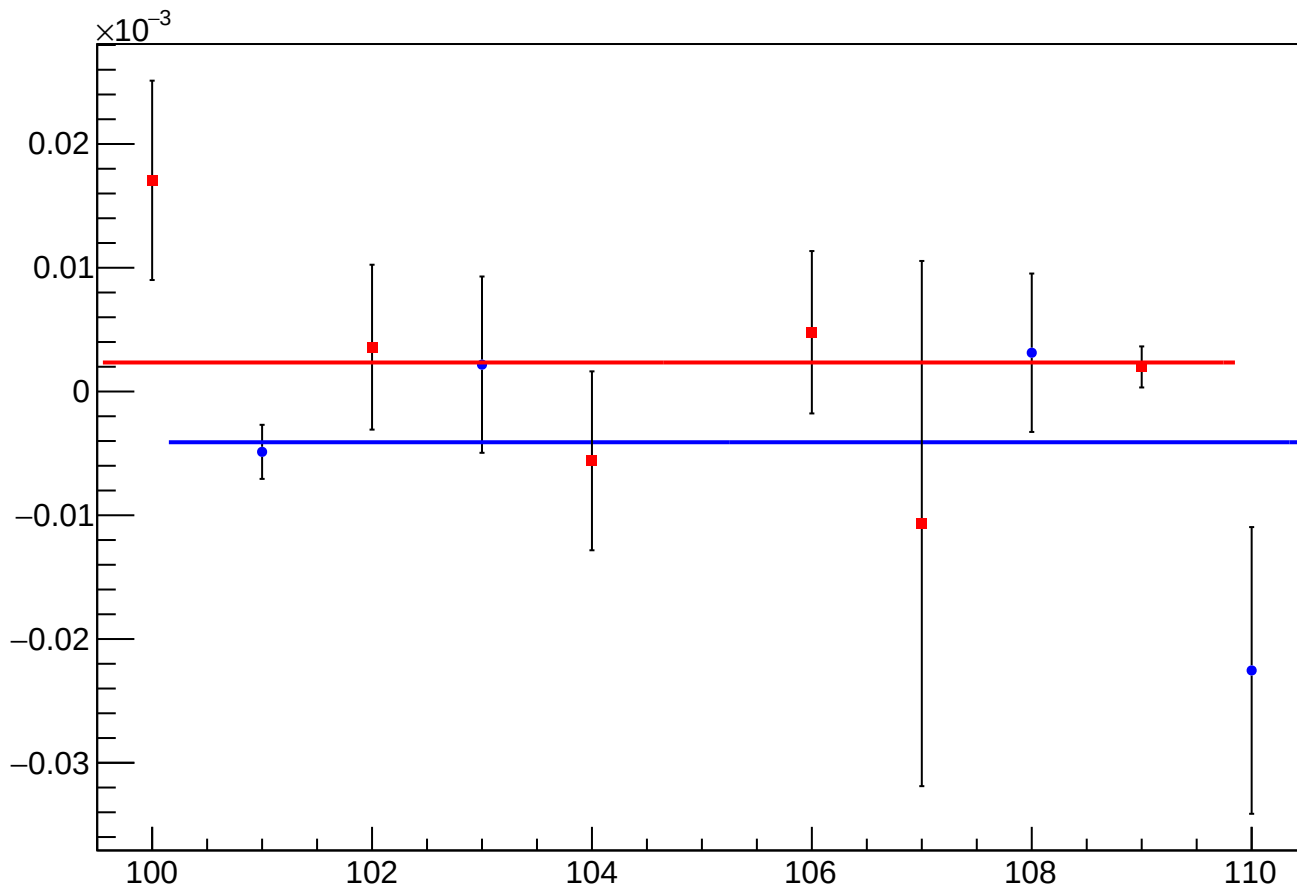
Right: 61.539+/-0.028 χ^2/NDF : 1969007.4/9

In: 55.443+/-0.036 χ^2/NDF : 1029650.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.539+/-0.028 χ^2/NDF : 1969007.4/9

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

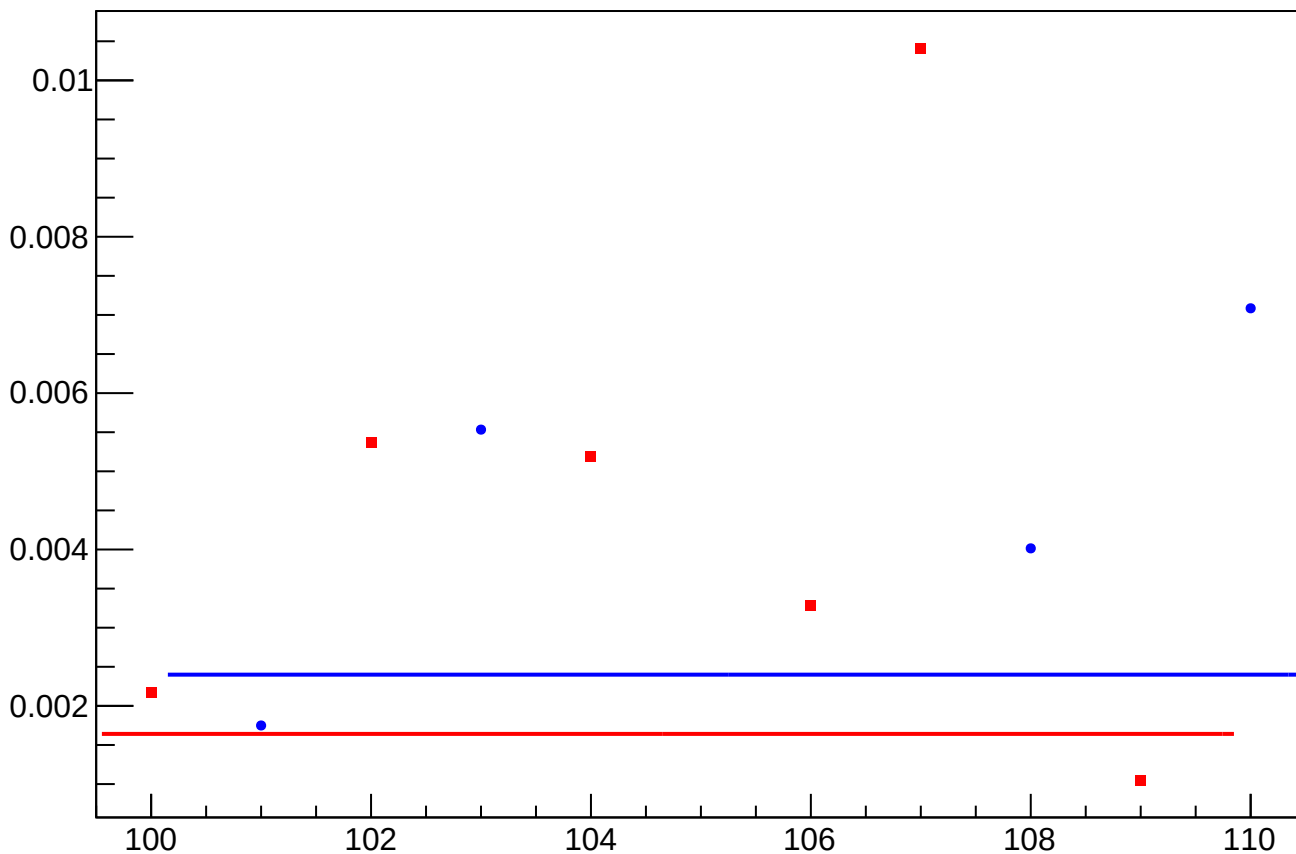
Right: -0.000+/-0.000 χ^2/NDF : 16.7/9

In: -0.000+/-0.000 χ^2/NDF :4.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.7/9

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1018731.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1843076.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

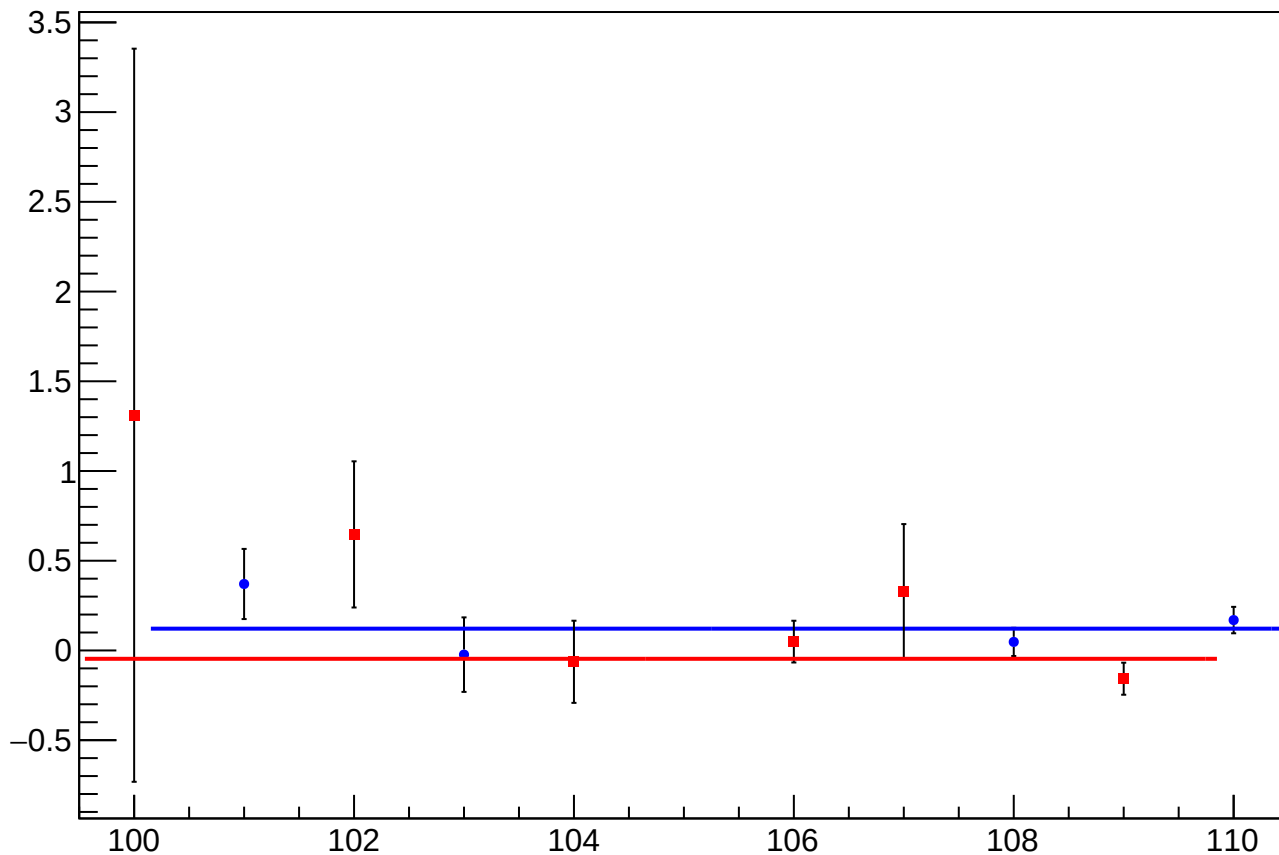
Right: 0.002+/-0.000 χ^2/NDF : 3050911.5/9

In: 0.002+/-0.000 χ^2/NDF : 1018731.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3050911.5/9

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.050 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.066 χ^2/NDF : 6.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

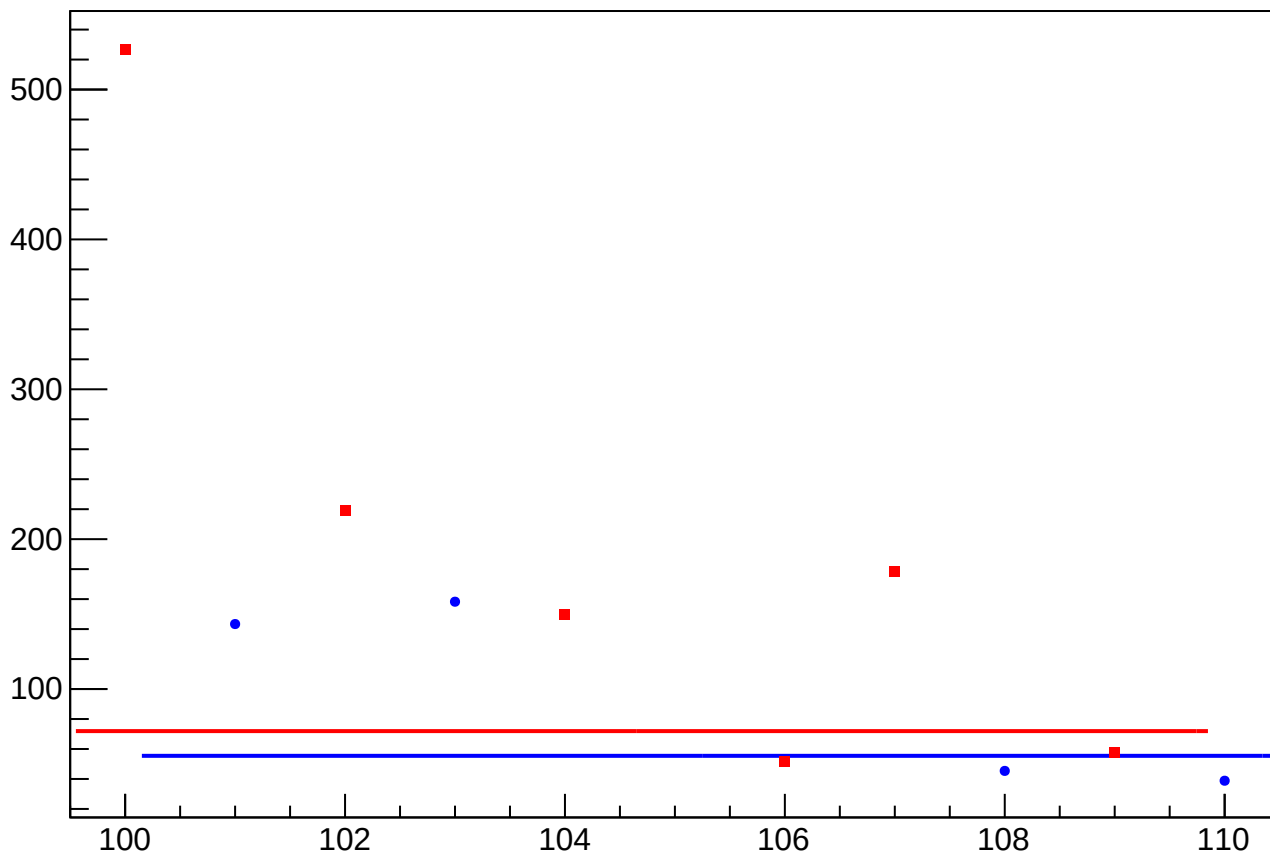
Right: 0.059+/-0.040 χ^2/NDF : 14.1/9

In: 0.121+/-0.050 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.040 χ^2/NDF : 14.1/9

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.441+/-0.036 χ^2/NDF : 1029691.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.936+/-0.046 χ^2/NDF : 859825.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

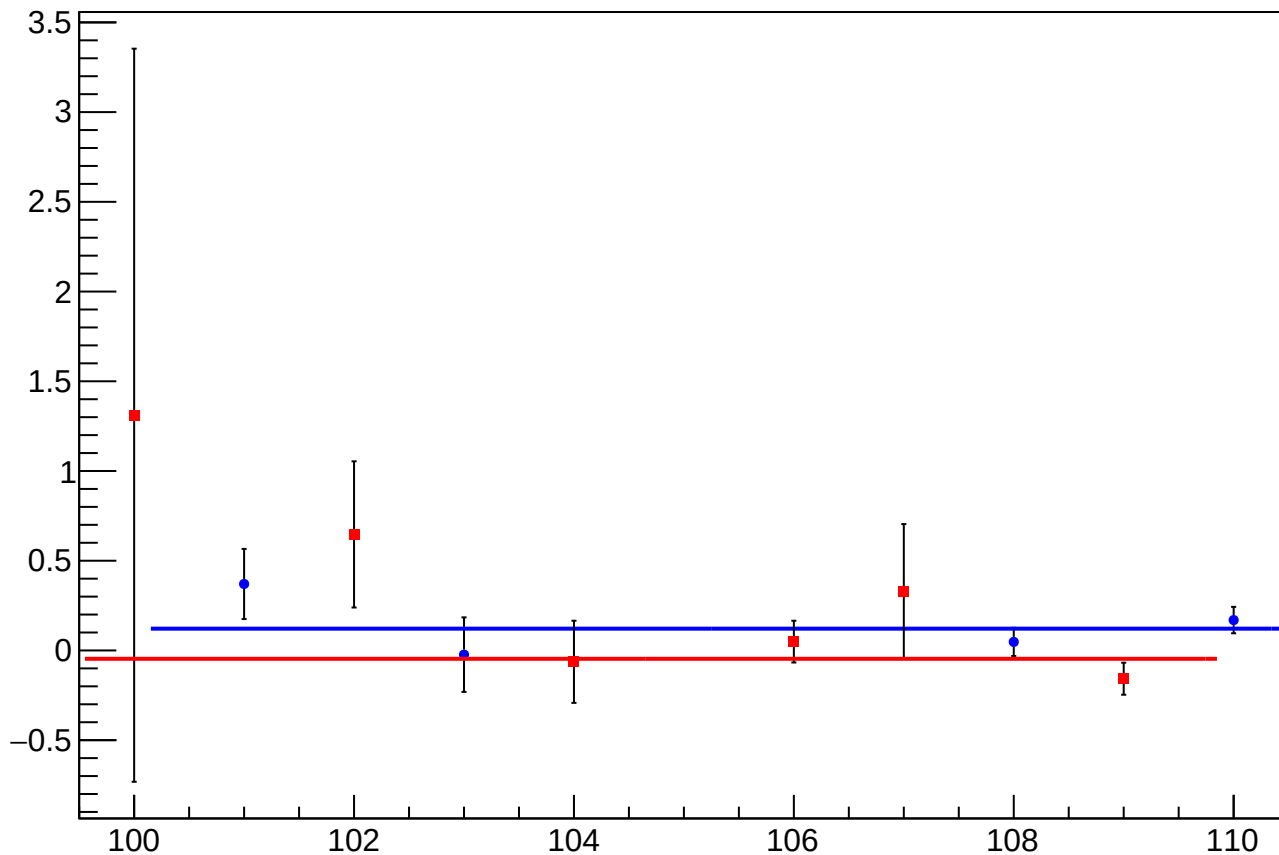
Right: 61.537+/-0.028 χ^2/NDF : 1969051.4/9

In: 55.441+/-0.036 χ^2/NDF : 1029691.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.537+/-0.028 χ^2/NDF : 1969051.4/9

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.050 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.066 χ^2/NDF : 6.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

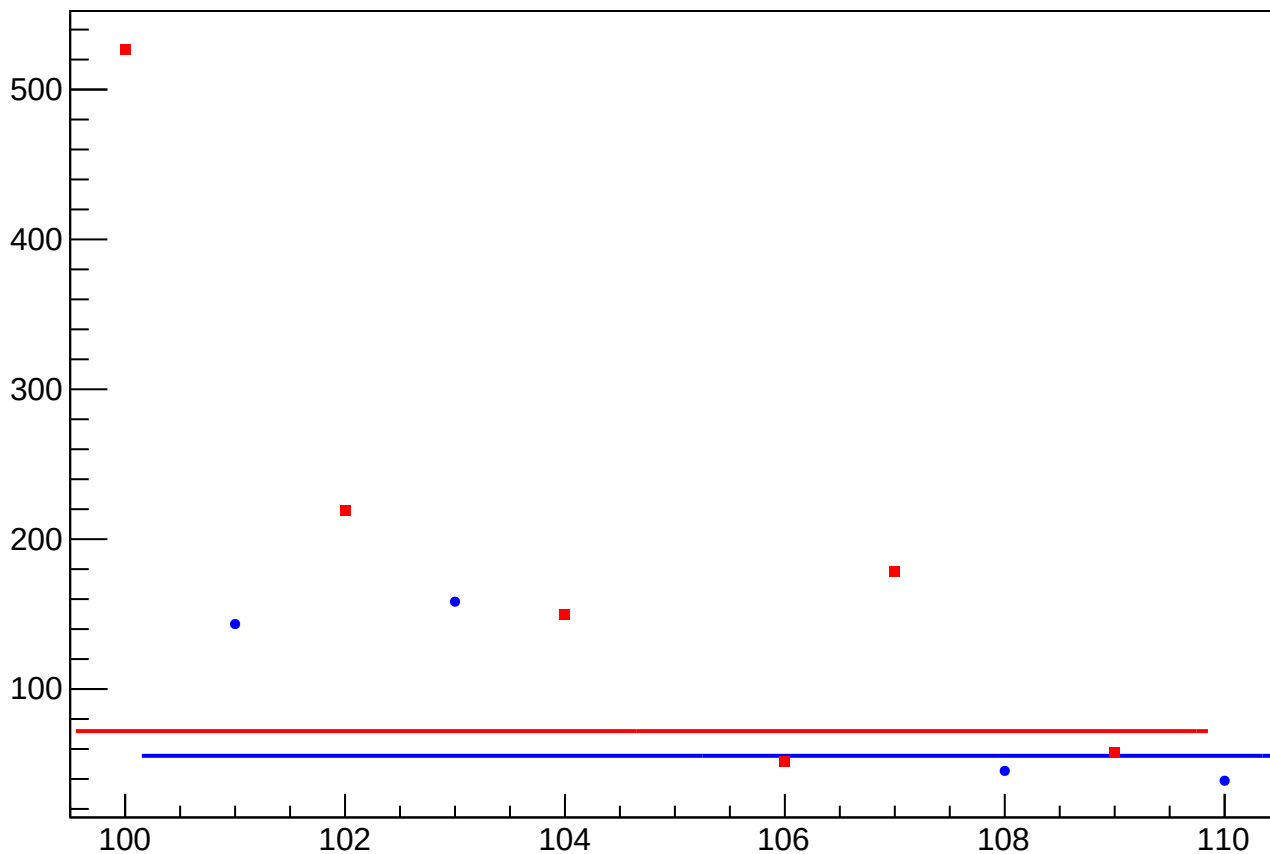
Right: 0.059+/-0.040 χ^2/NDF : 14.1/9

In: 0.121+/-0.050 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.040 χ^2/NDF : 14.1/9

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.441 $\pm$ 0.036 χ^2 /NDF: 1029691.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.936 $\pm$ 0.046 χ^2 /NDF: 859825.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

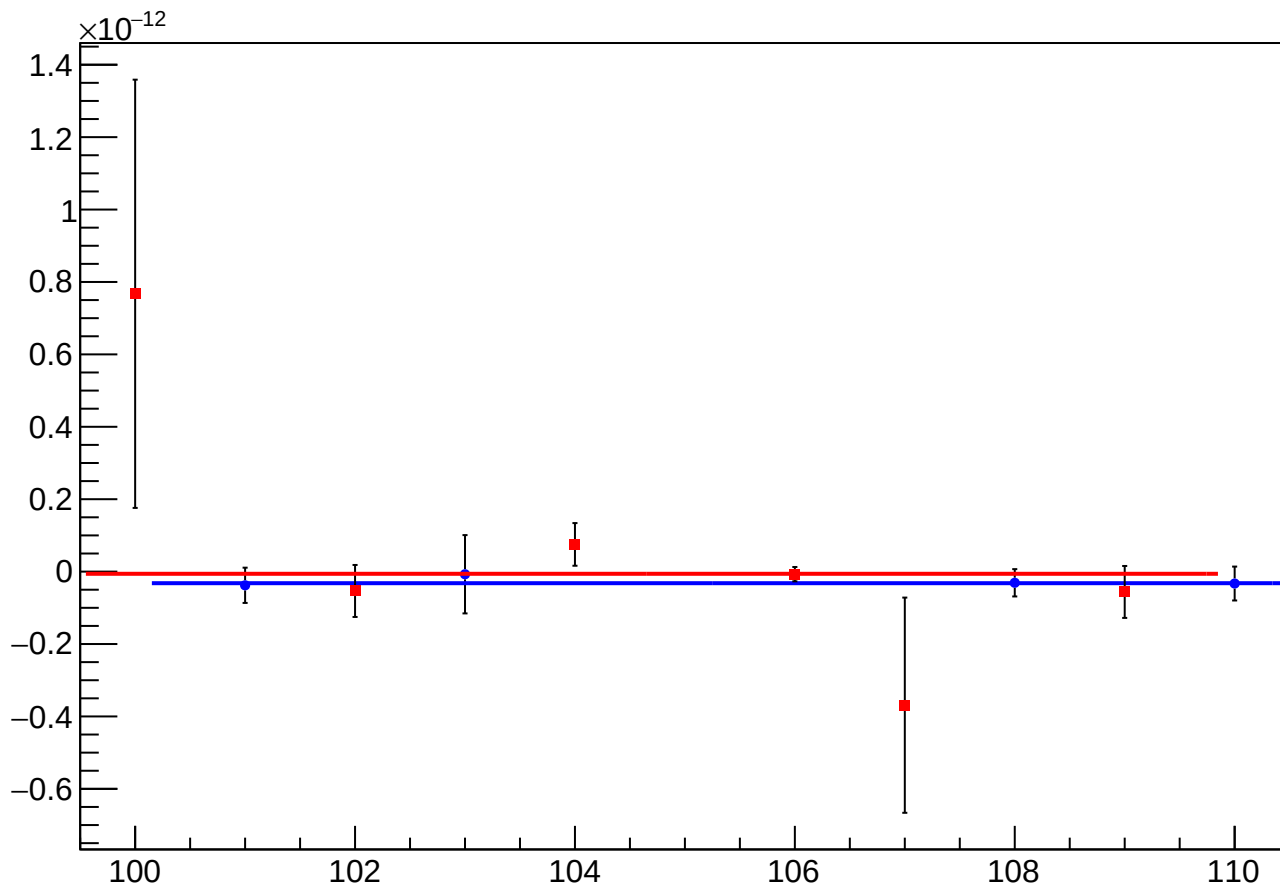
Right: 61.537 $\pm$ 0.028 χ^2 /NDF: 1969051.4/9

In: 55.441 $\pm$ 0.036 χ^2 /NDF: 1029691.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.537 $\pm$ 0.028 χ^2 /NDF: 1969051.4/9

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

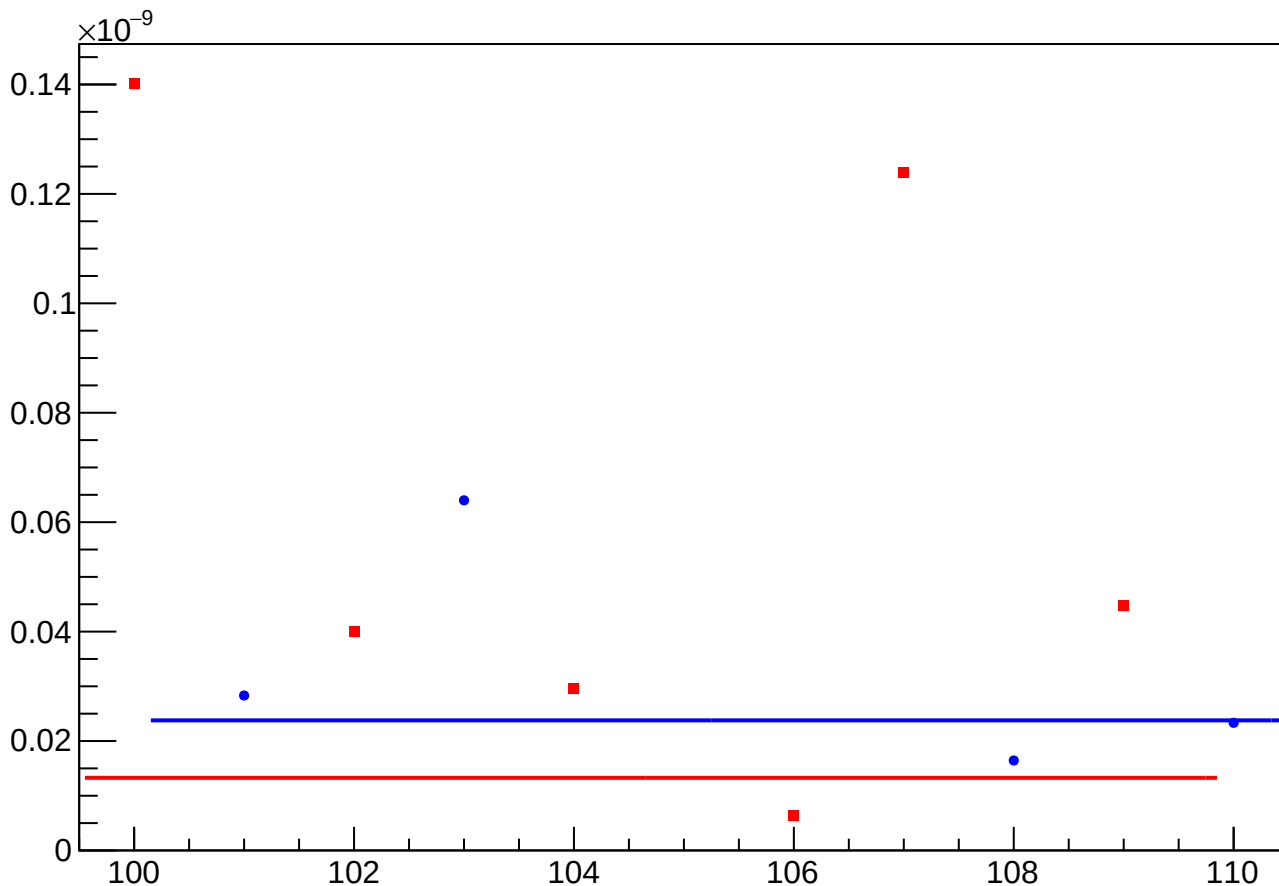
Right: -0.000+/-0.000 χ^2/NDF : 6.8/9

In: -0.000+/-0.000 χ^2/NDF : 0.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.8/9

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 369827.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1430783.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

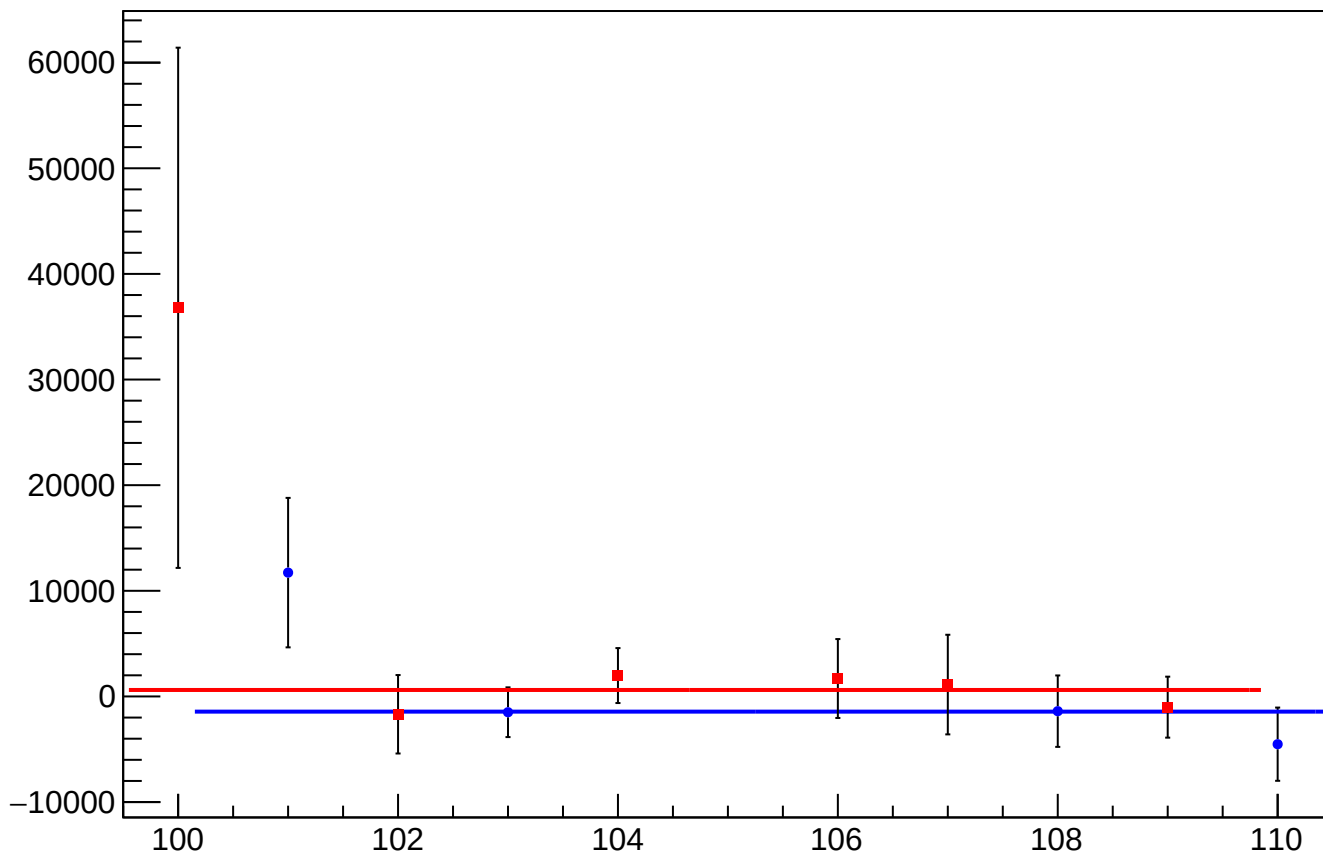
Right: 0.000+/-0.000 χ^2/NDF : 2043478.4/9

In: 0.000+/-0.000 χ^2/NDF : 369827.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2043478.4/9

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1437.577+/-1641.405 χ^2/NDF : 4.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 612.296+/-1476.513 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

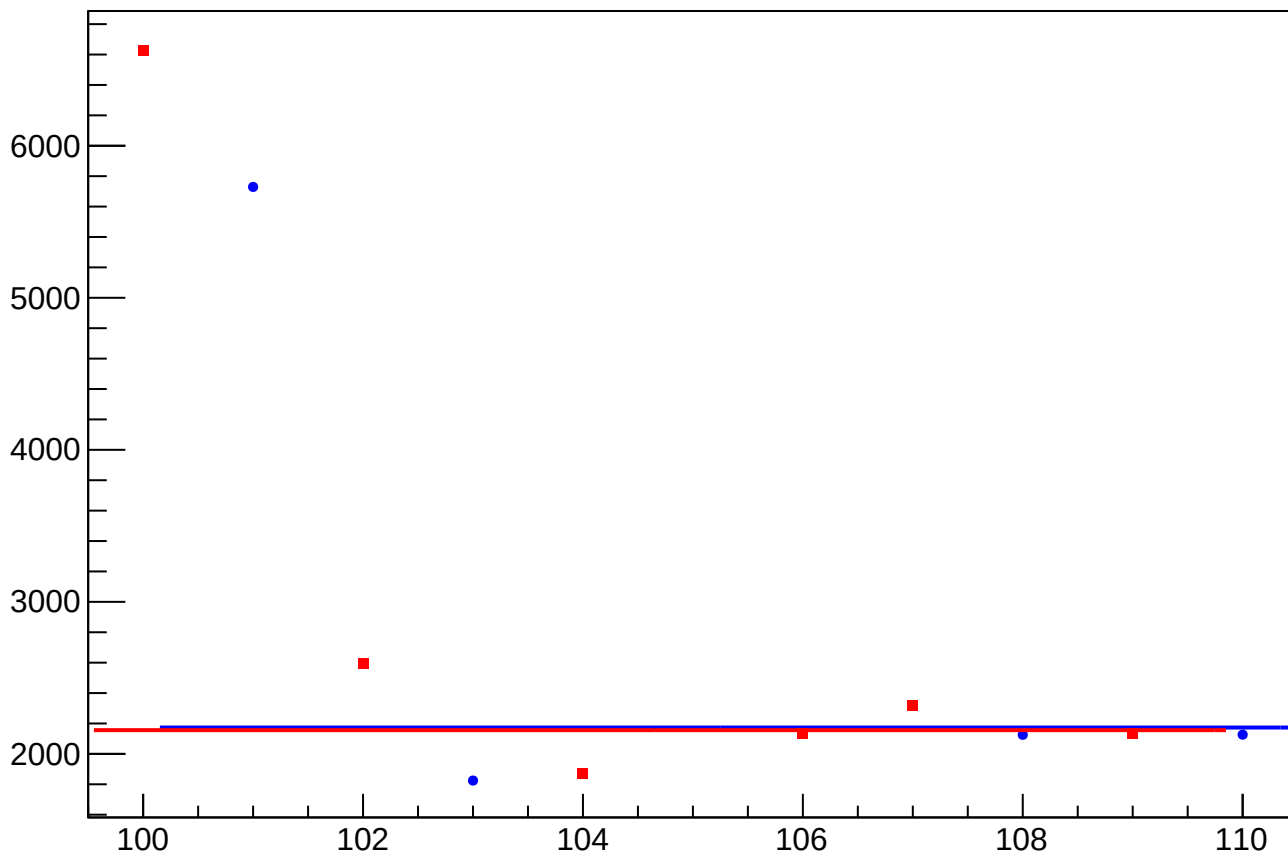
Right: -304.535+/-1097.733 χ^2/NDF : 8.3/9

In: -1437.577+/-1641.405 χ^2/NDF : 4.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.535+/-1097.733 χ^2/NDF : 8.3/9

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2173.396+/-1.161 χ^2 /NDF: 549852.1/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2156.052+/-1.044 χ^2 /NDF: 119975.4/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

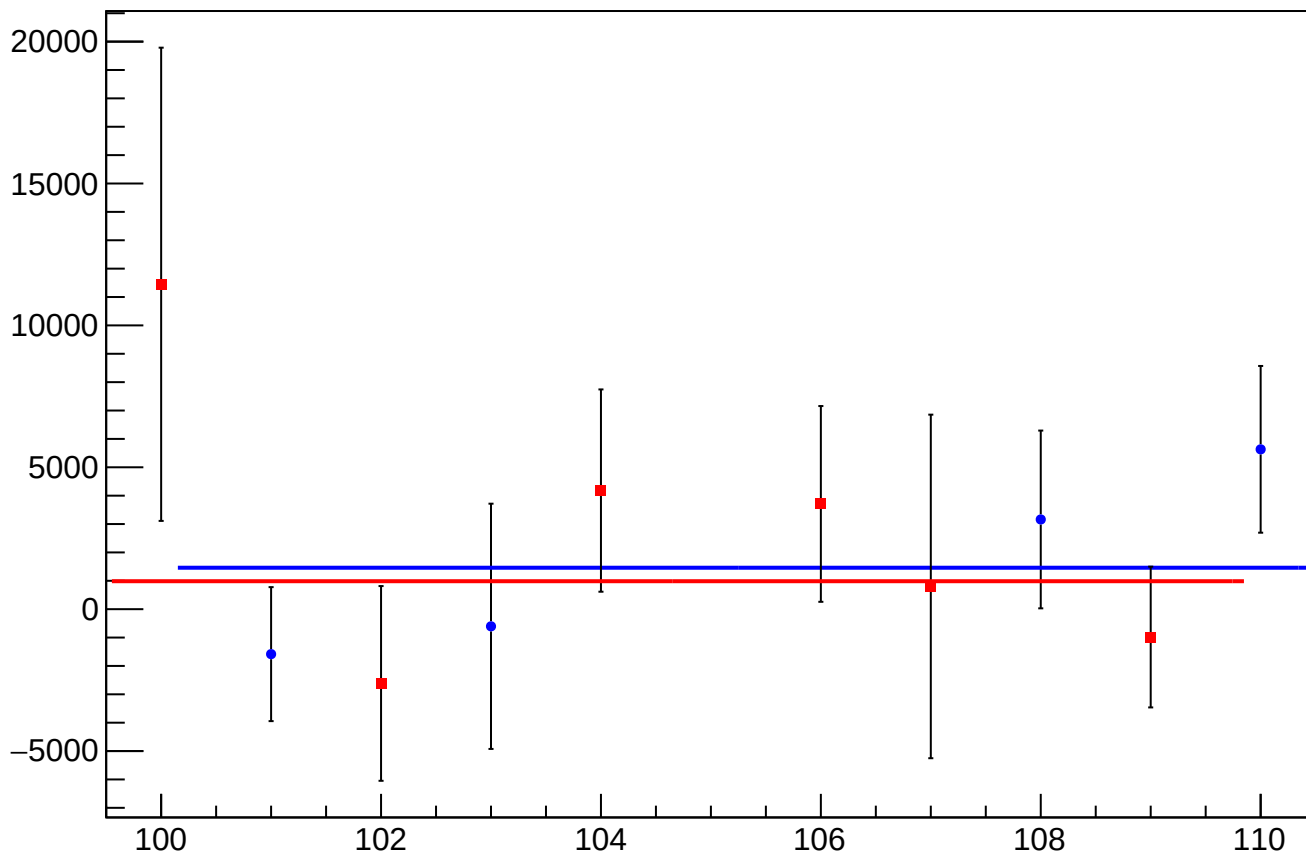
Right: 2163.810+/-0.776 χ^2 /NDF: 669951.0/9

In: 2173.396+/-1.161 χ^2 /NDF:549852.1/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2163.810+/-0.776 χ^2 /NDF: 669951.0/9

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1460.740+/-1489.430 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 985.365+/-1487.466 χ^2/NDF : 4.7/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

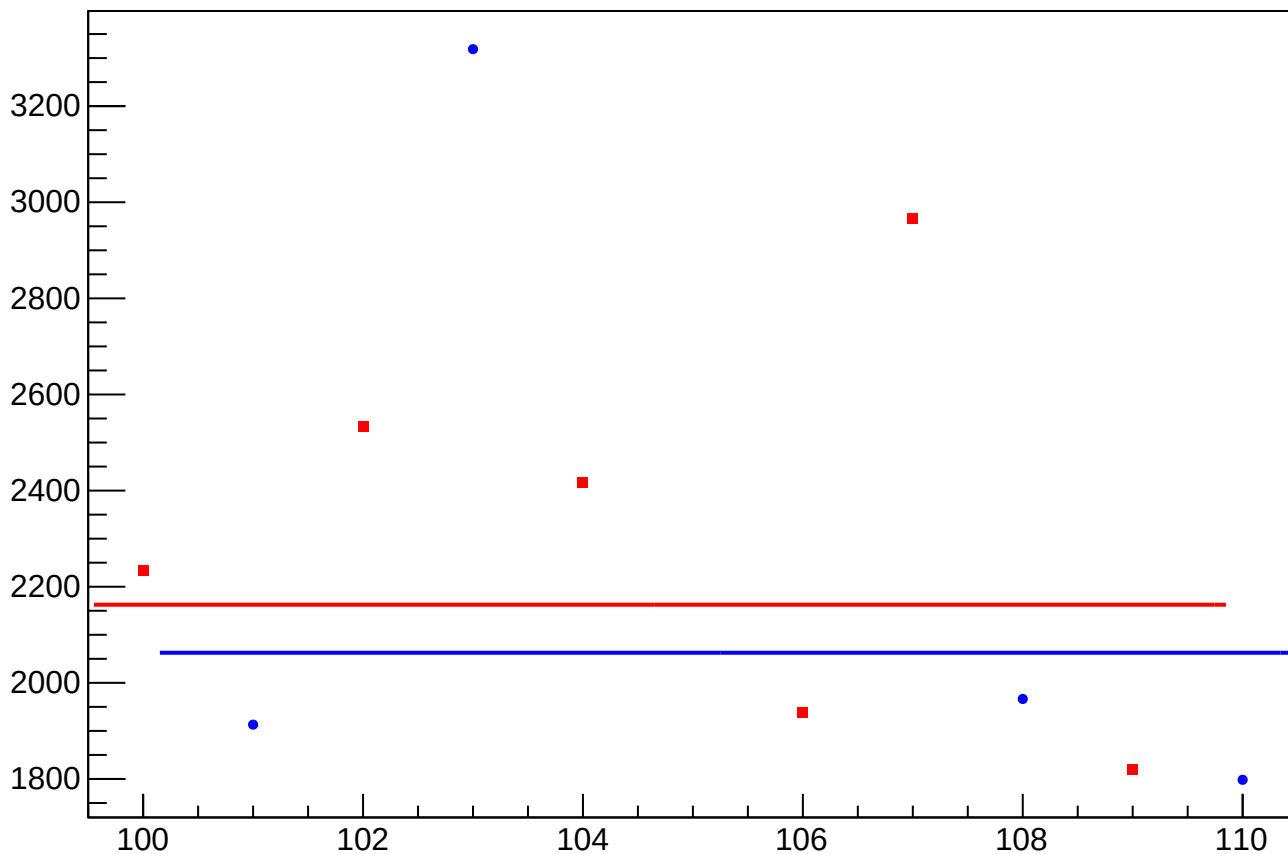
Right: 1222.739+/-1052.491 χ^2/NDF : 9.0/9

In: 1460.740+/-1489.430 χ^2/NDF :4.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1222.739+/-1052.491 χ^2/NDF : 9.0/9

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2062.608+/-1.053 χ^2/NDF : 195066.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2162.531+/-1.052 χ^2/NDF : 115466.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

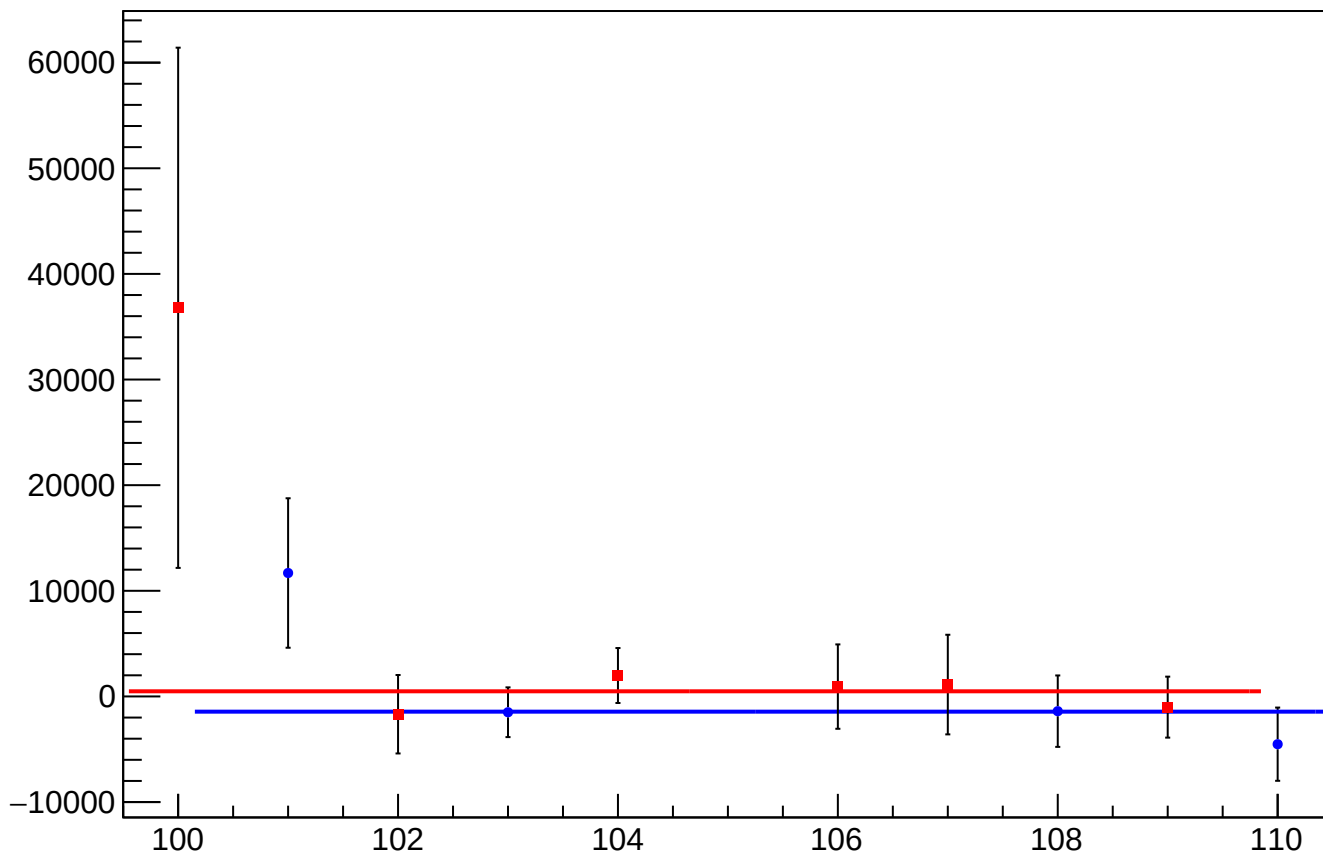
Right: 2112.636+/-0.744 χ^2/NDF : 315039.8/9

In: 2062.608+/-1.053 χ^2/NDF : 195066.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2112.636+/-0.744 χ^2/NDF : 315039.8/9

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1440.858+/-1641.406 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.361+/-1491.185 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

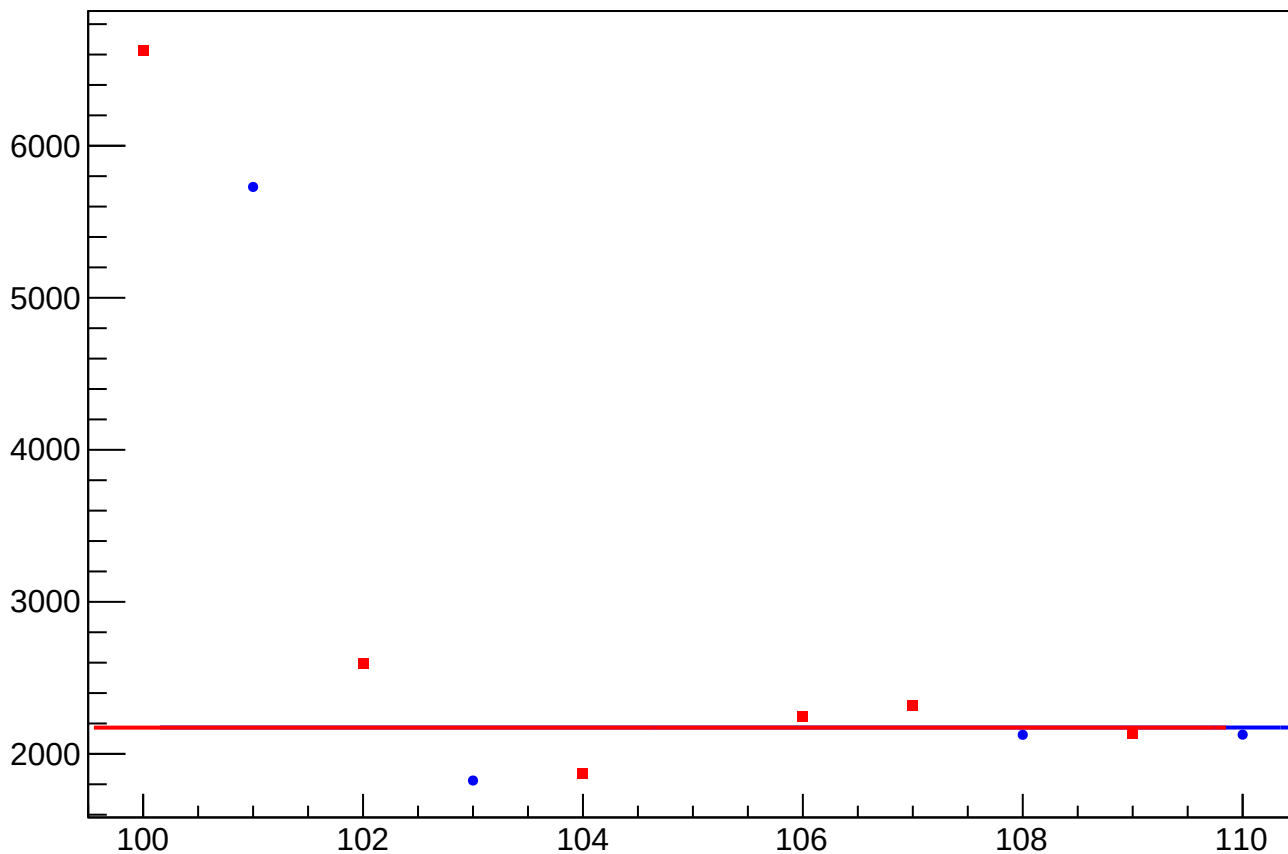
Right: -385.042+/-1103.723 χ^2/NDF : 8.1/9

In: -1440.858+/-1641.406 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -385.042+/-1103.723 χ^2/NDF : 8.1/9

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2173.397+/-1.161 χ^2 /NDF: 549852.0/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2172.790+/-1.054 χ^2 /NDF: 120729.3/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

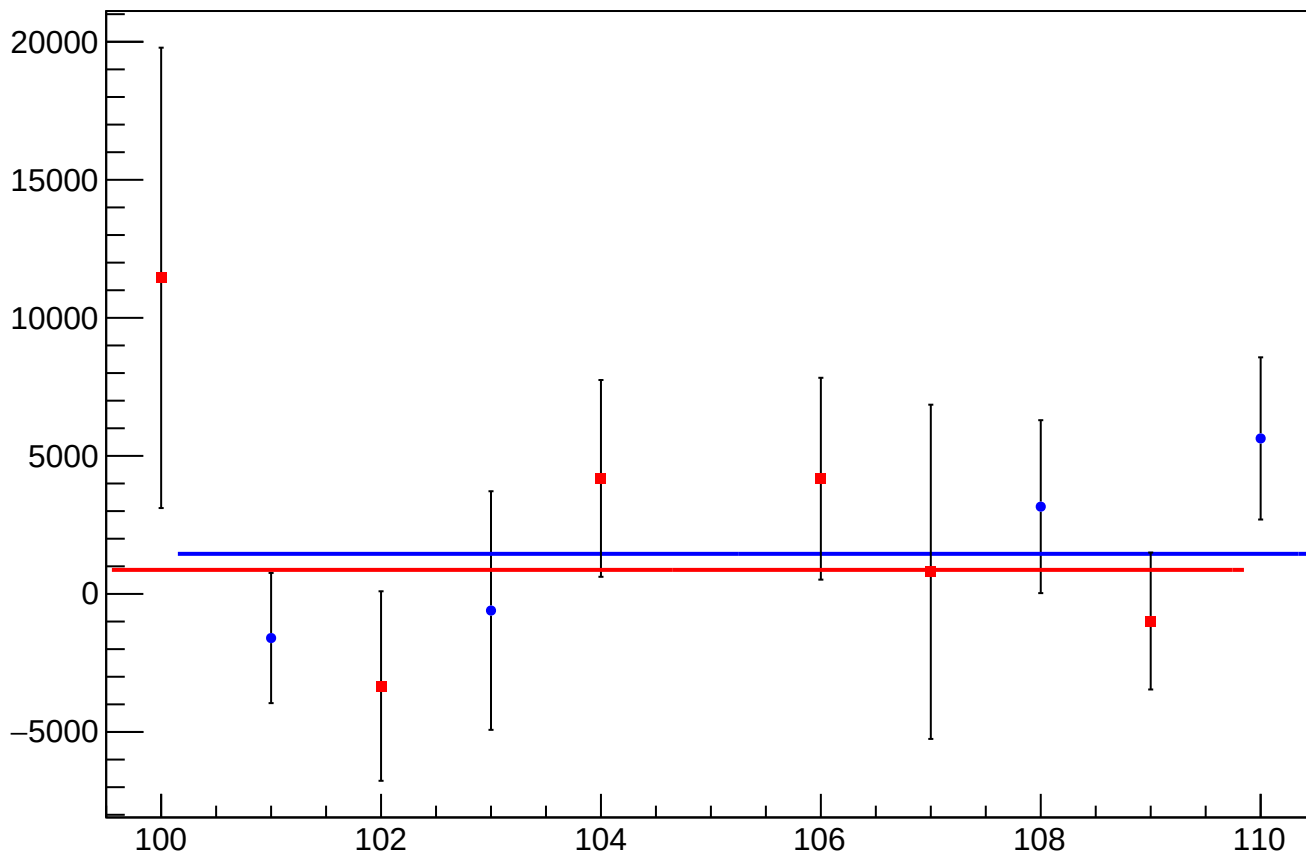
Right: 2173.064+/-0.780 χ^2 /NDF: 670581.5/9

In: 2173.397+/-1.161 χ^2 /NDF:549852.0/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2173.064+/-0.780 χ^2 /NDF: 670581.5/9

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1452.064+/-1488.639 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 870.831+/-1503.005 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

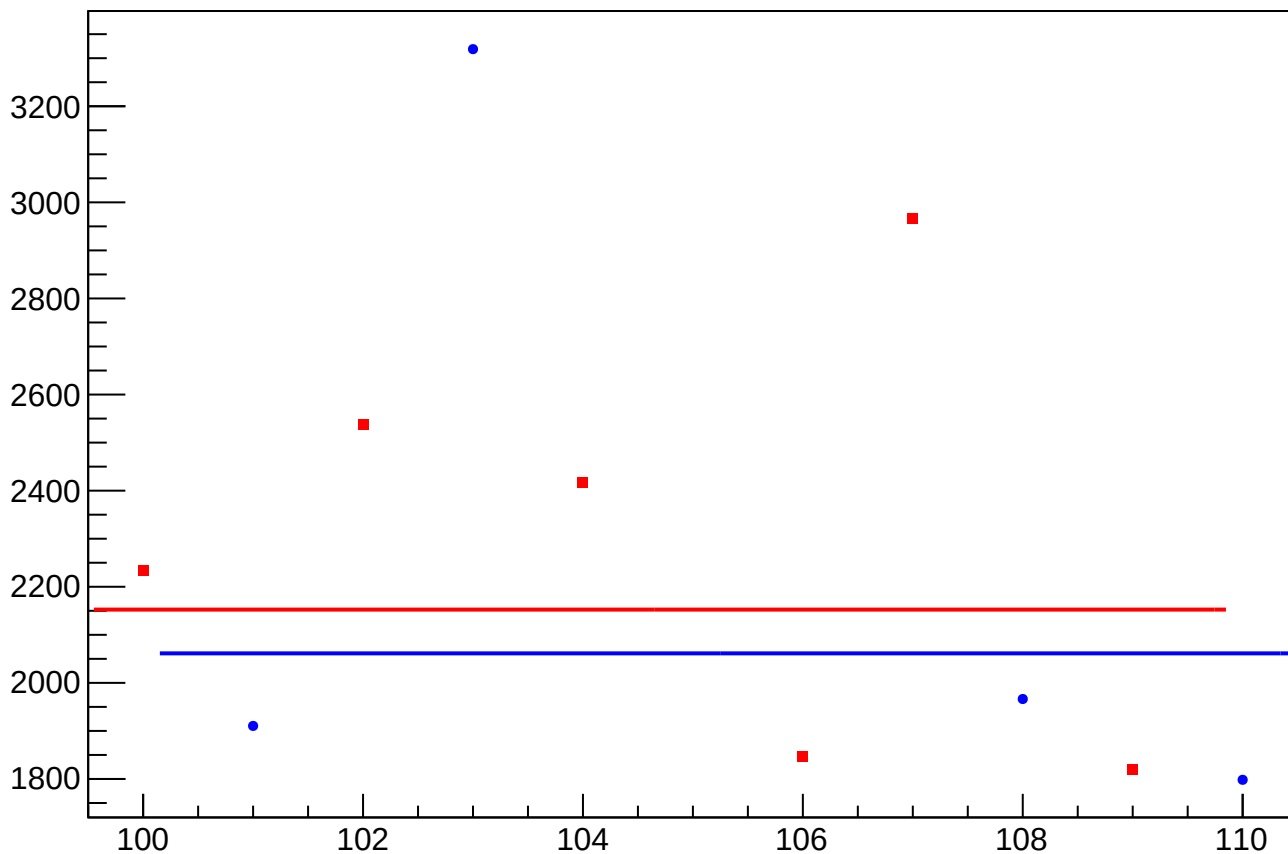
Right: 1164.238+/-1057.669 χ^2/NDF : 9.6/9

In: 1452.064+/-1488.639 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1164.238+/-1057.669 χ^2/NDF : 9.6/9

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2061.409+/-1.053 χ^2/NDF : 195416.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2152.506+/-1.063 χ^2/NDF : 122607.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

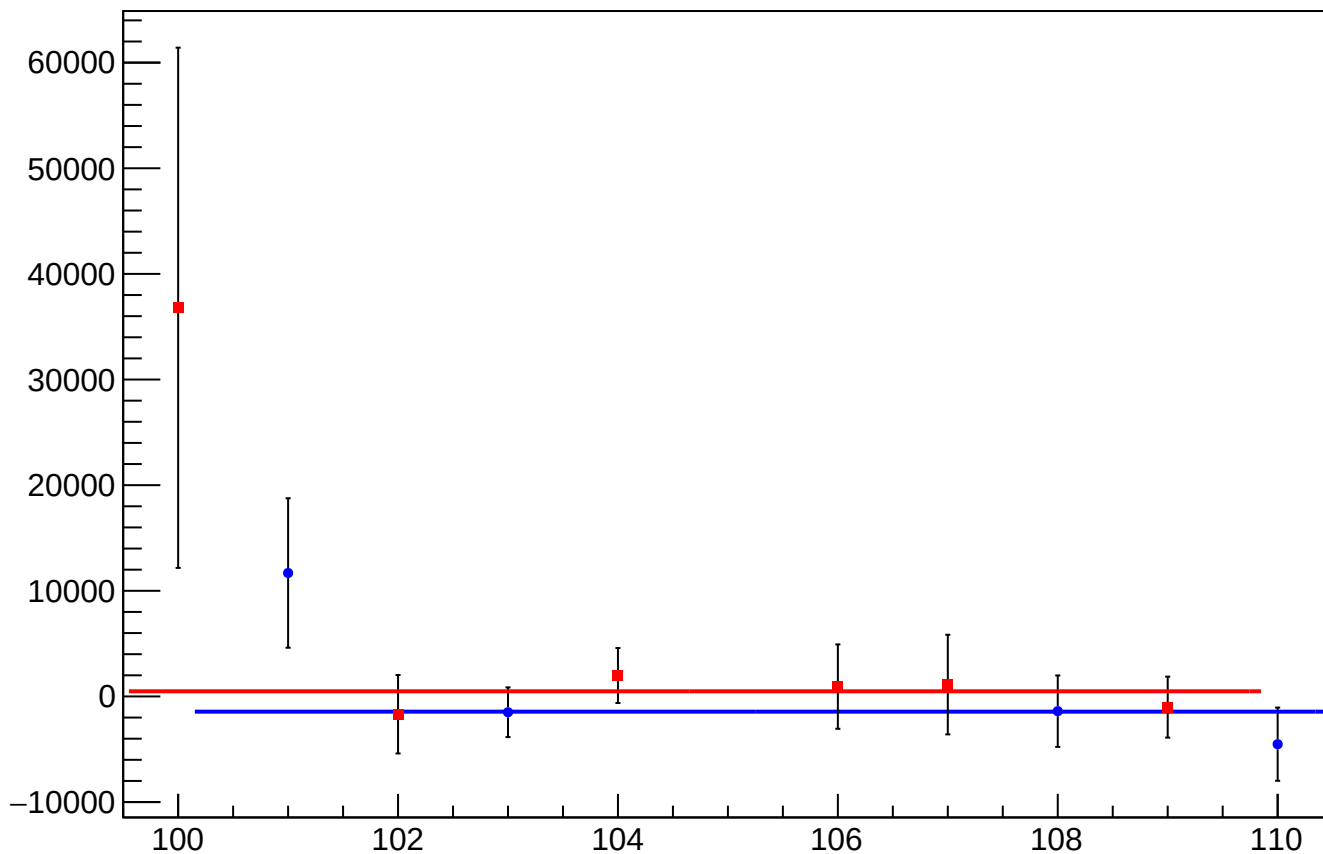
Right: 2106.520+/-0.748 χ^2/NDF : 321731.8/9

In: 2061.409+/-1.053 χ^2/NDF : 195416.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2106.520+/-0.748 χ^2/NDF : 321731.8/9

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1440.858 $\pm$ 1641.406 χ^2 /NDF: 4.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 486.361 $\pm$ 1491.185 χ^2 /NDF: 3.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

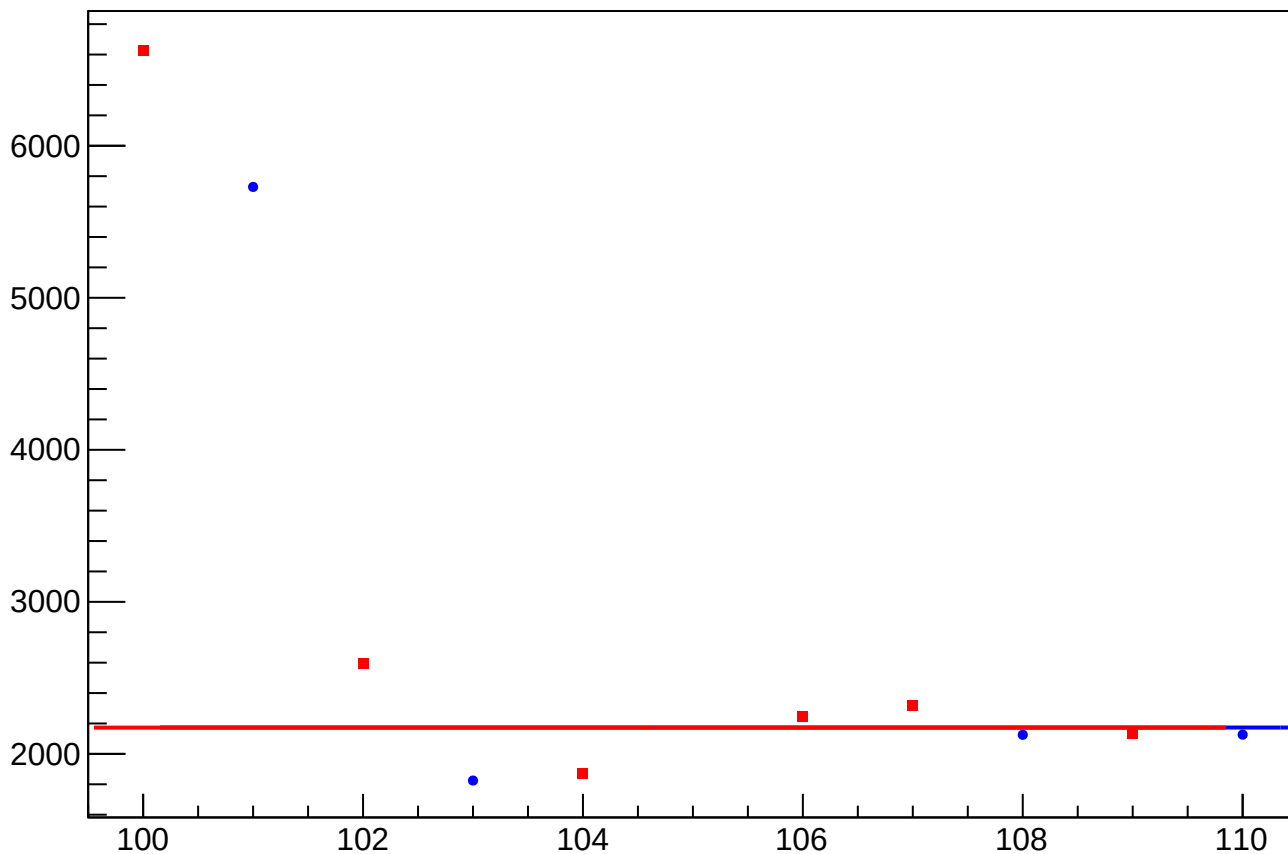
Right: -385.042 $\pm$ 1103.723 χ^2 /NDF: 8.1/9

In: -1440.858 $\pm$ 1641.406 χ^2 /NDF: 4.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -385.042 $\pm$ 1103.723 χ^2 /NDF: 8.1/9

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2173.397+/-1.161 χ^2 /NDF: 549852.0/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2172.790+/-1.054 χ^2 /NDF: 120729.3/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

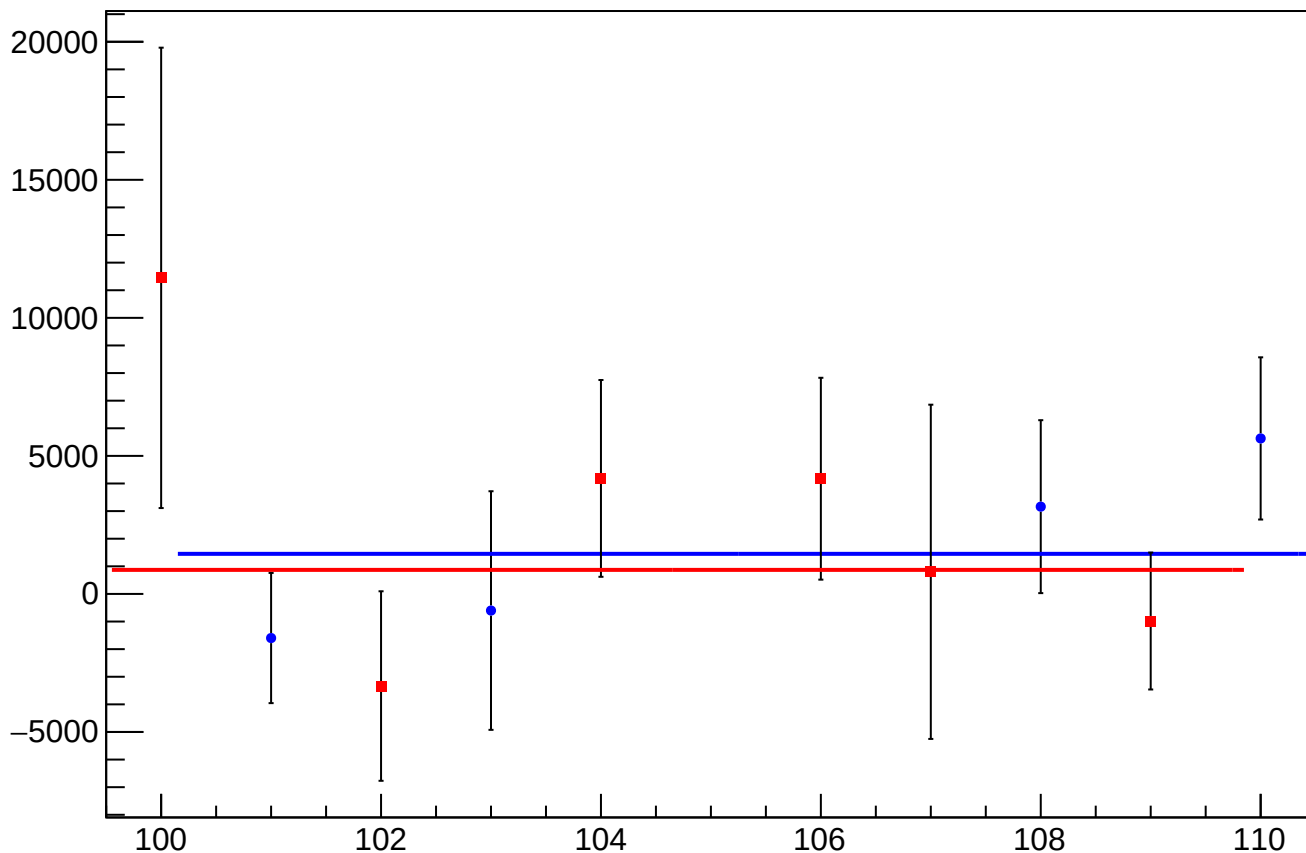
Right: 2173.064+/-0.780 χ^2 /NDF: 670581.5/9

In: 2173.397+/-1.161 χ^2 /NDF:549852.0/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2173.064+/-0.780 χ^2 /NDF: 670581.5/9

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1452.064+/-1488.639 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 870.831+/-1503.005 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

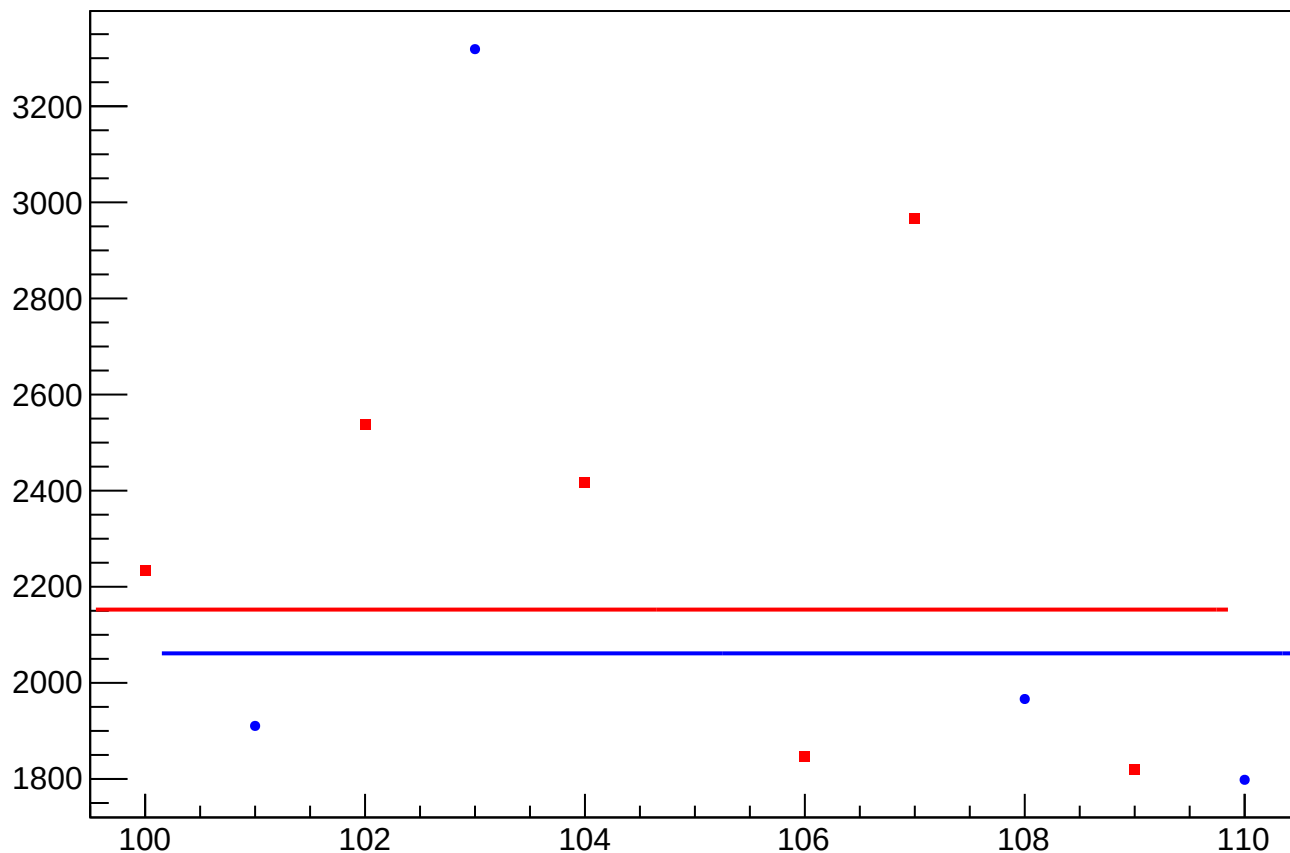
Right: 1164.238+/-1057.669 χ^2/NDF : 9.6/9

In: 1452.064+/-1488.639 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1164.238+/-1057.669 χ^2/NDF : 9.6/9

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2061.409+/-1.053 χ^2/NDF : 195416.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2152.506+/-1.063 χ^2/NDF : 122607.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

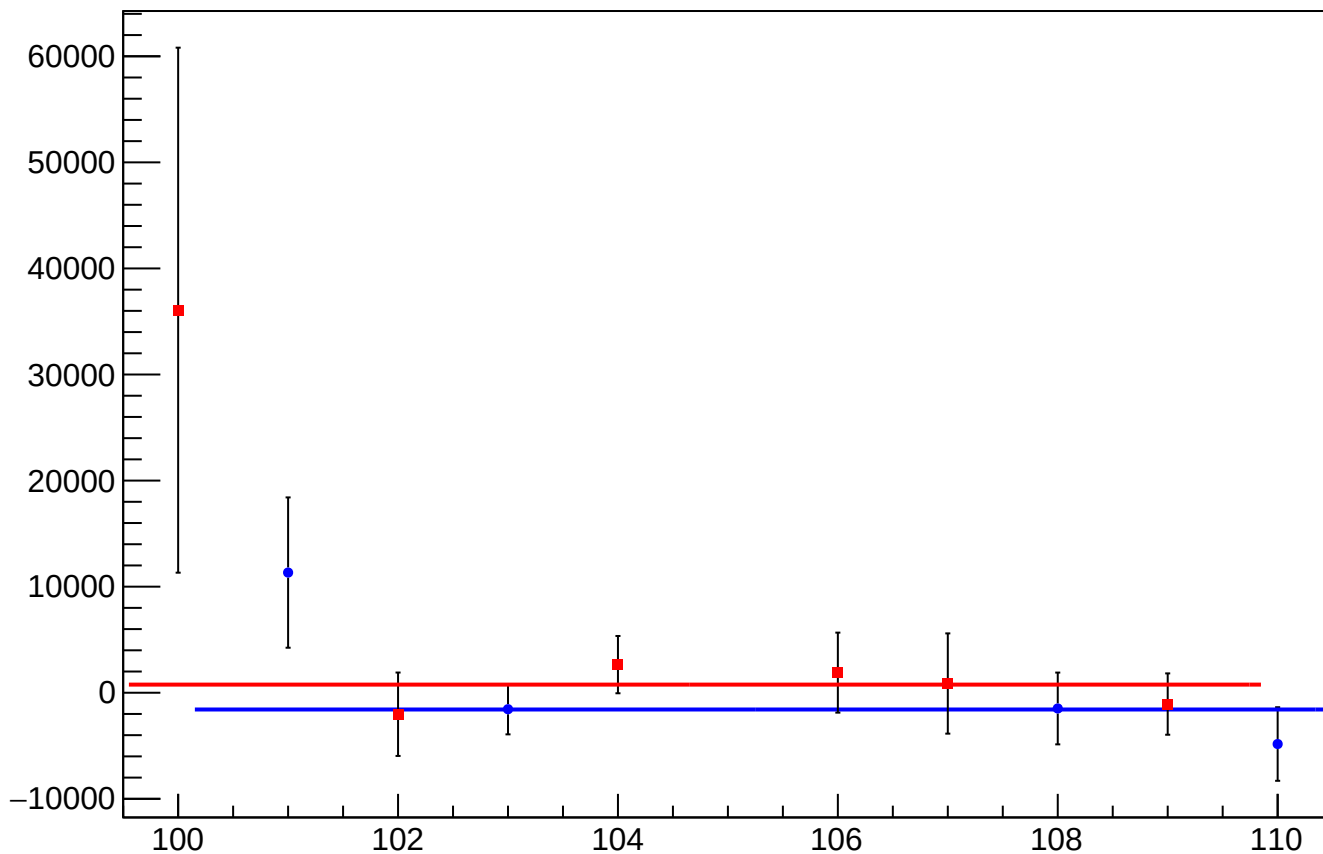
Right: 2106.520+/-0.748 χ^2/NDF : 321731.8/9

In: 2061.409+/-1.053 χ^2/NDF : 195416.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2106.520+/-0.748 χ^2/NDF : 321731.8/9

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1579.566 $\pm$ 1648.232 χ^2 /NDF: 4.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 766.290 $\pm$ 1510.710 χ^2 /NDF: 3.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

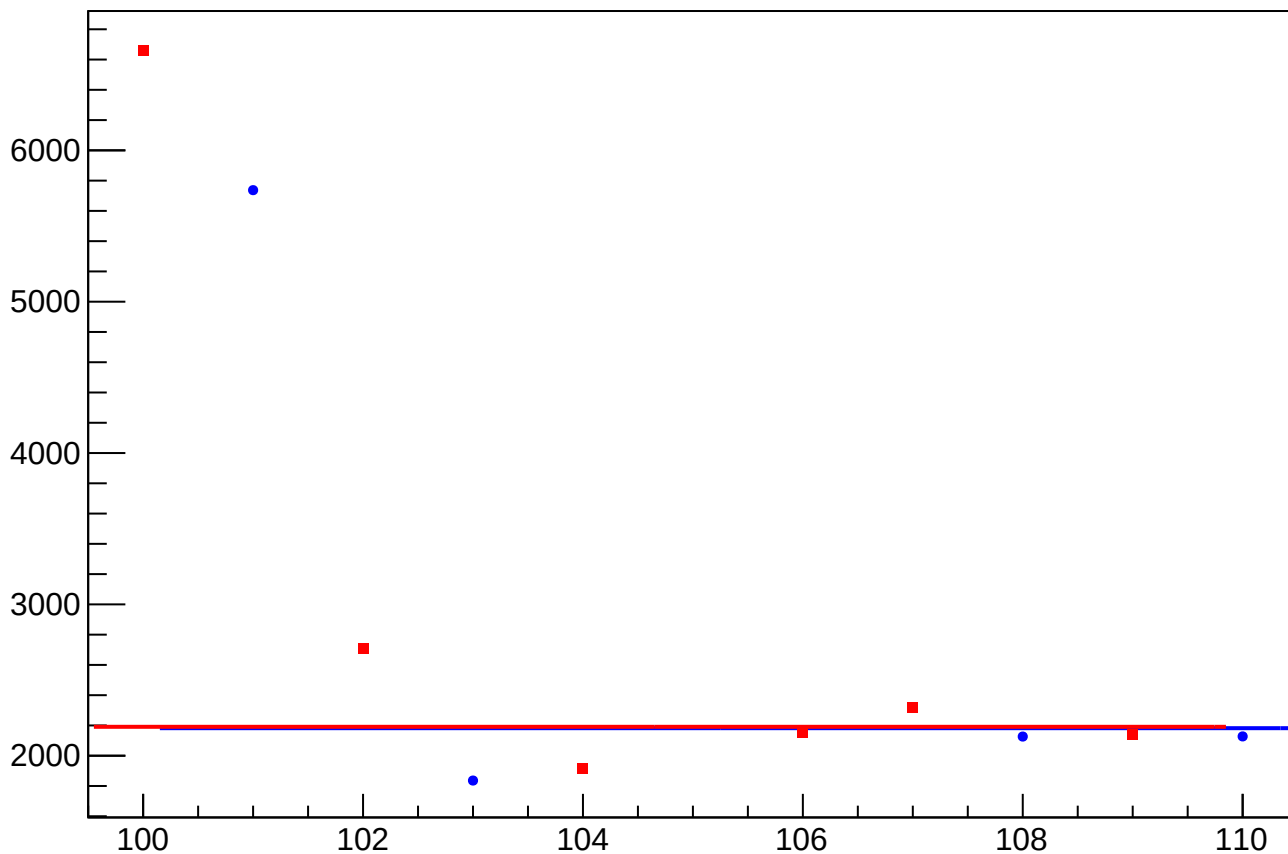
Right: -304.706 $\pm$ 1113.683 χ^2 /NDF: 8.8/9

In: -1579.566 $\pm$ 1648.232 χ^2 /NDF: 4.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -304.706 $\pm$ 1113.683 χ^2 /NDF: 8.8/9

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2181.986+/-1.165 χ^2/NDF : 547151.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2191.043+/-1.068 χ^2/NDF : 123624.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

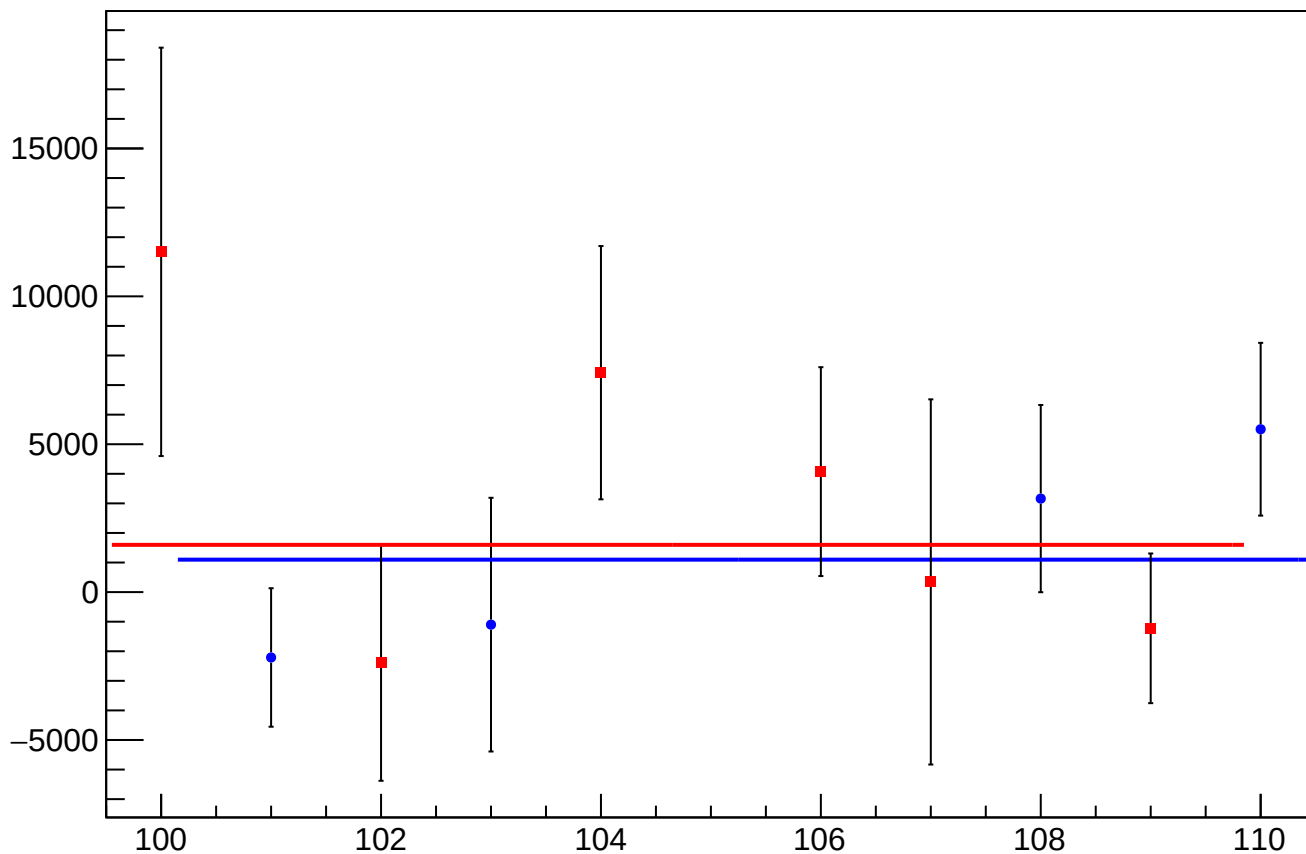
Right: 2186.908+/-0.787 χ^2/NDF : 670808.9/9

In: 2181.986+/-1.165 χ^2/NDF : 547151.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2186.908+/-0.787 χ^2/NDF : 670808.9/9

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1097.439+/-1484.422 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1597.888+/-1579.337 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

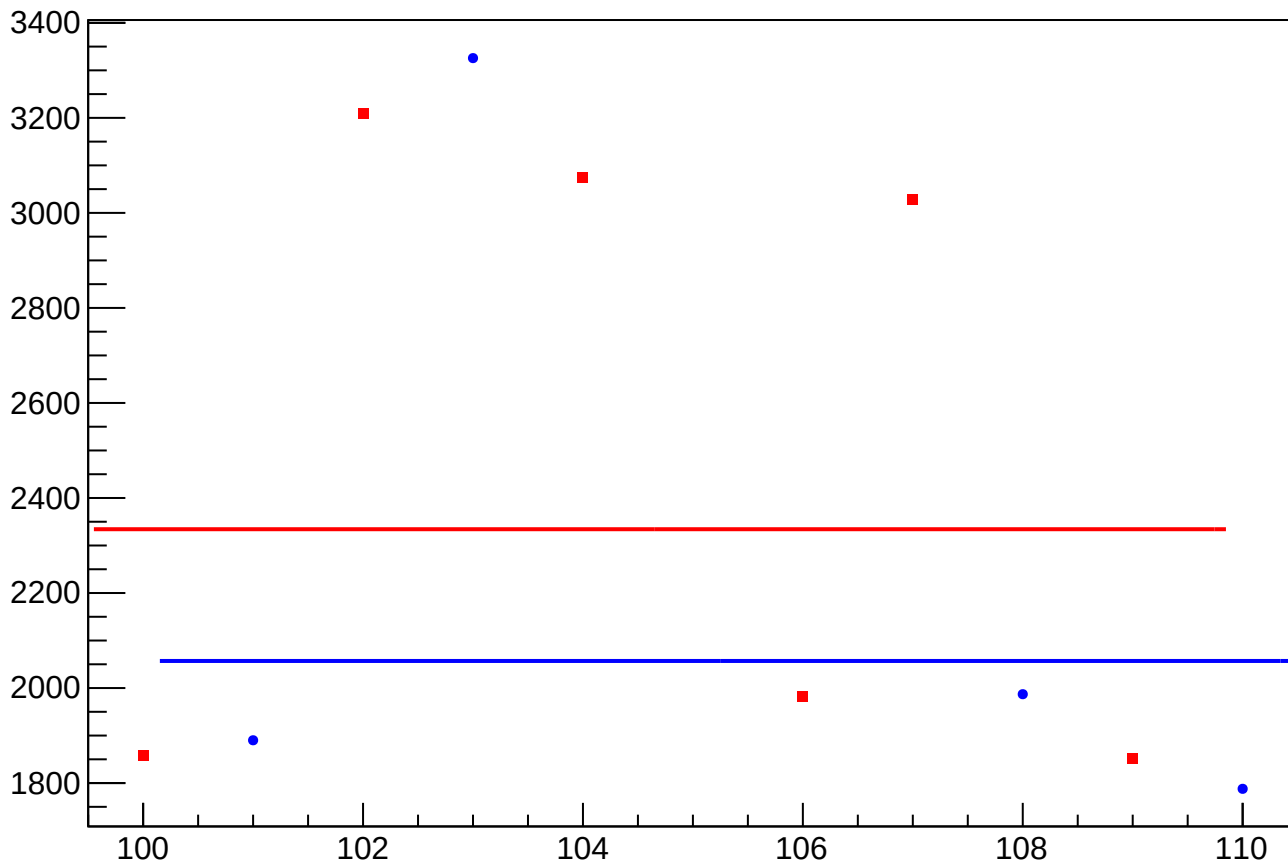
Right: 1332.175+/-1081.644 χ^2/NDF : 11.7/9

In: 1097.439+/-1484.422 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.175+/-1081.644 χ^2/NDF : 11.7/9

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2056.992+/-1.050 χ^2/NDF : 203125.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2334.272+/-1.117 χ^2/NDF : 282642.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

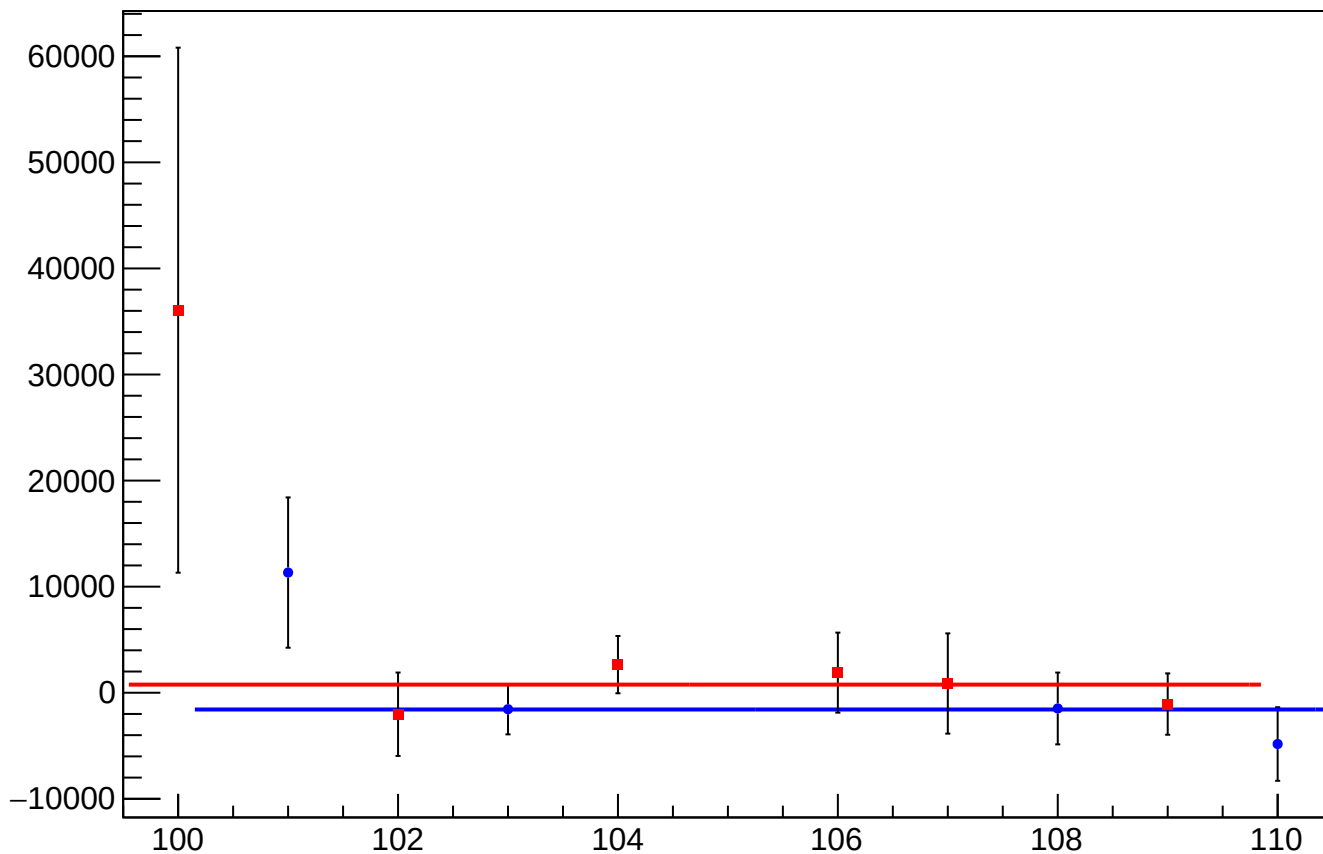
Right: 2187.050+/-0.765 χ^2/NDF : 518499.8/9

In: 2056.992+/-1.050 χ^2/NDF : 203125.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2187.050+/-0.765 χ^2/NDF : 518499.8/9

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1579.564+/-1648.232 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 766.292+/-1510.709 χ^2/NDF : 3.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

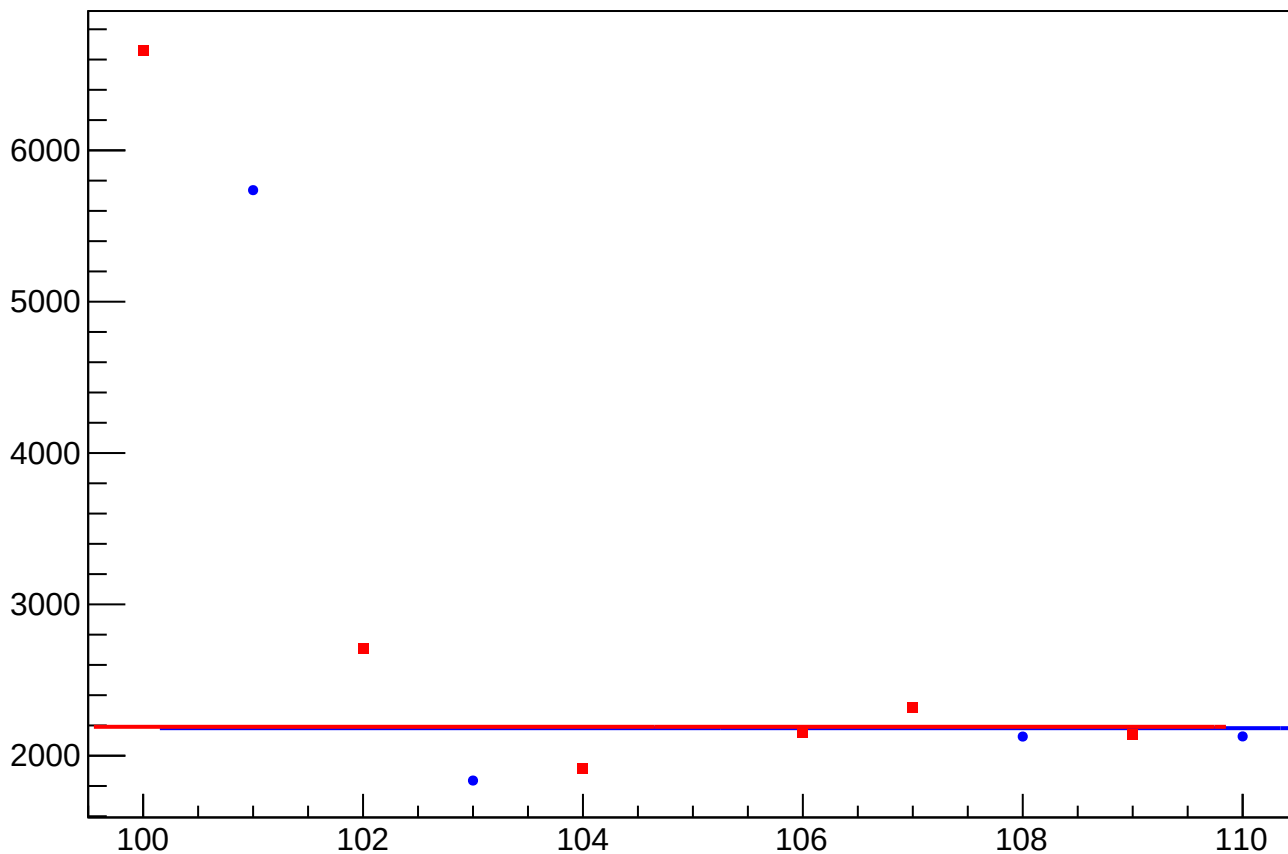
Right: -304.704+/-1113.683 χ^2/NDF : 8.8/9

In: -1579.564+/-1648.232 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.704+/-1113.683 χ^2/NDF : 8.8/9

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2181.986+/-1.165 χ^2/NDF : 547152.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2191.042+/-1.068 χ^2/NDF : 123624.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

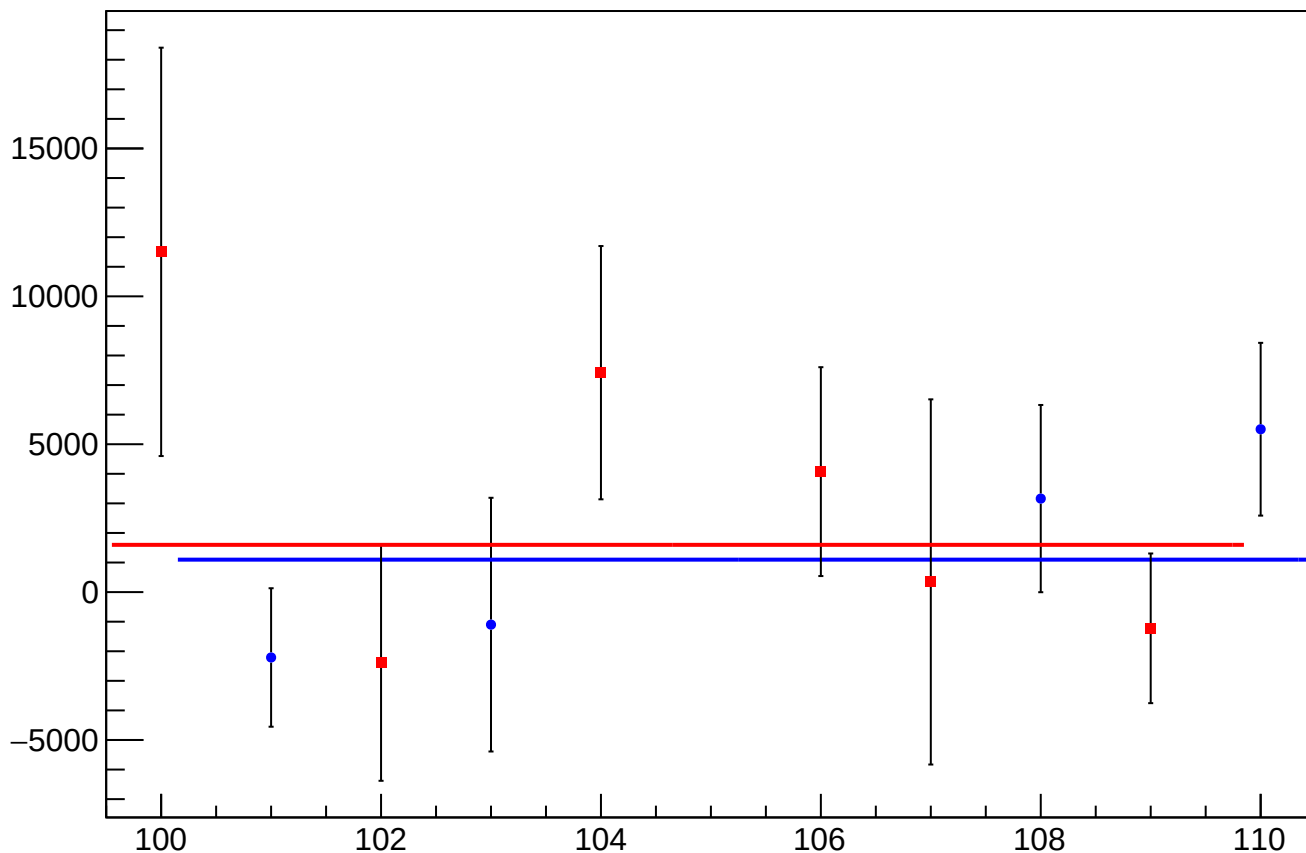
Right: 2186.908+/-0.787 χ^2/NDF : 670809.1/9

In: 2181.986+/-1.165 χ^2/NDF : 547152.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2186.908+/-0.787 χ^2/NDF : 670809.1/9

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1097.442+/-1484.420 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1597.883+/-1579.335 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

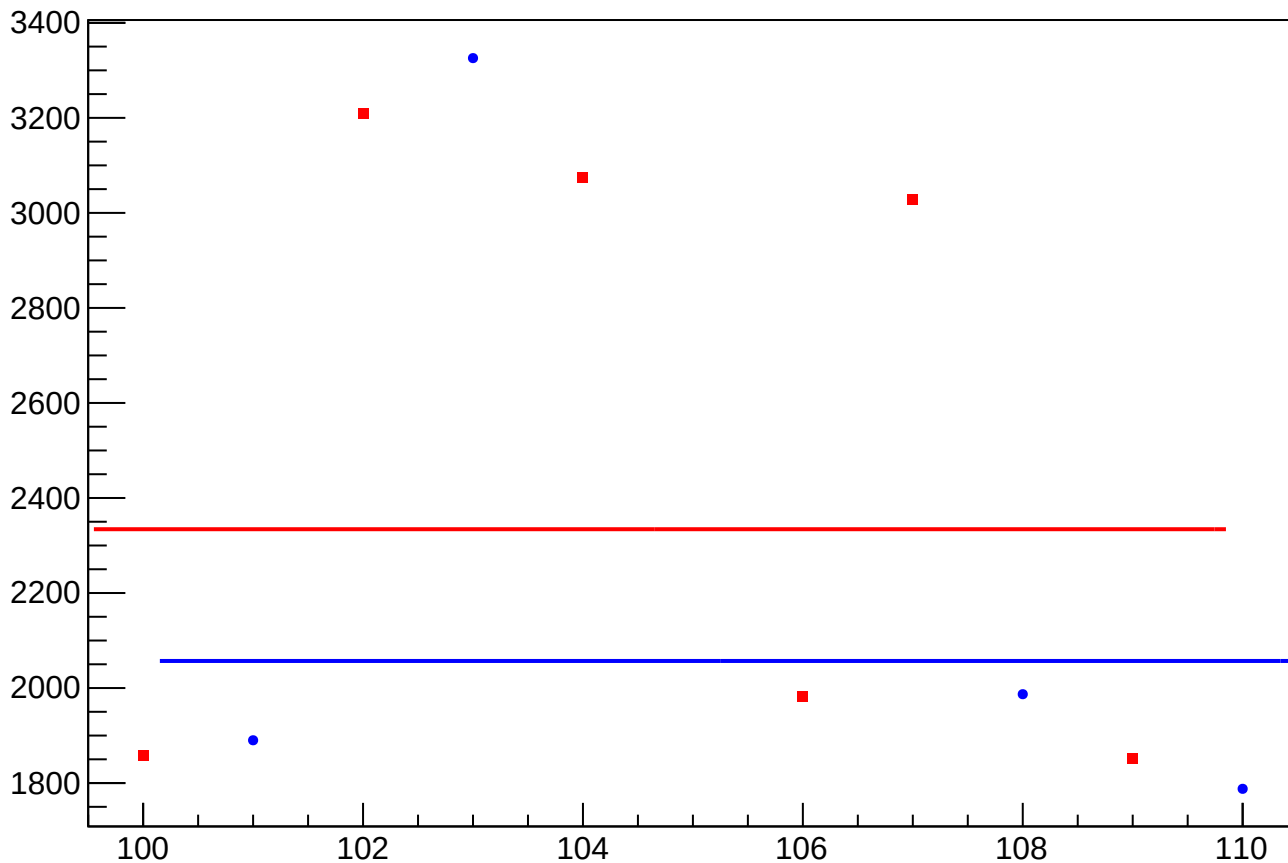
Right: 1332.174+/-1081.643 χ^2/NDF : 11.7/9

In: 1097.442+/-1484.420 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.174+/-1081.643 χ^2/NDF : 11.7/9

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2056.988+/-1.050 χ^2/NDF : 203127.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2334.270+/-1.117 χ^2/NDF : 282647.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

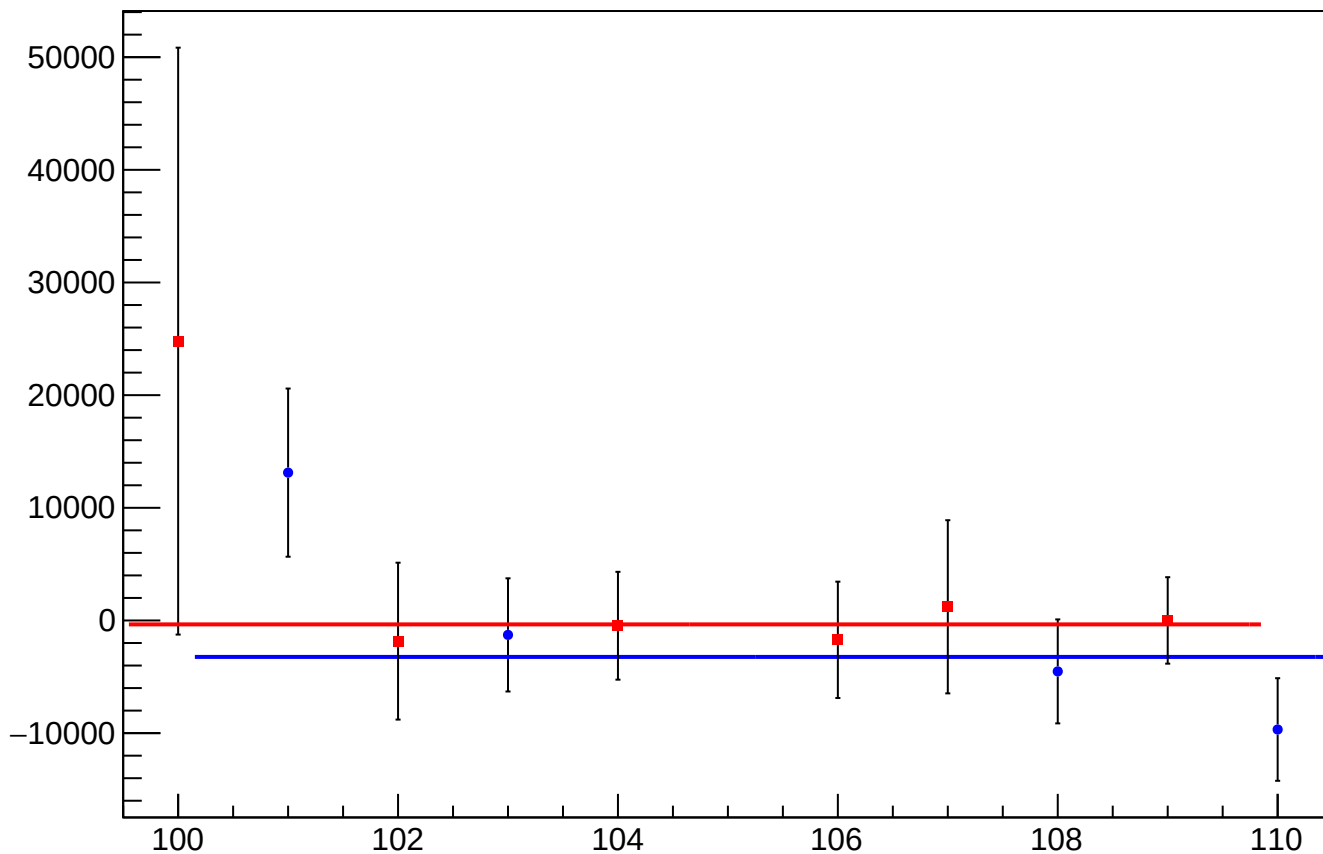
Right: 2187.047+/-0.765 χ^2/NDF : 518507.2/9

In: 2056.988+/-1.050 χ^2/NDF : 203127.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2187.047+/-0.765 χ^2/NDF : 518507.2/9

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -3234.609+/-2558.467 χ^2/NDF : 7.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -347.192+/-2305.708 χ^2/NDF : 1.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

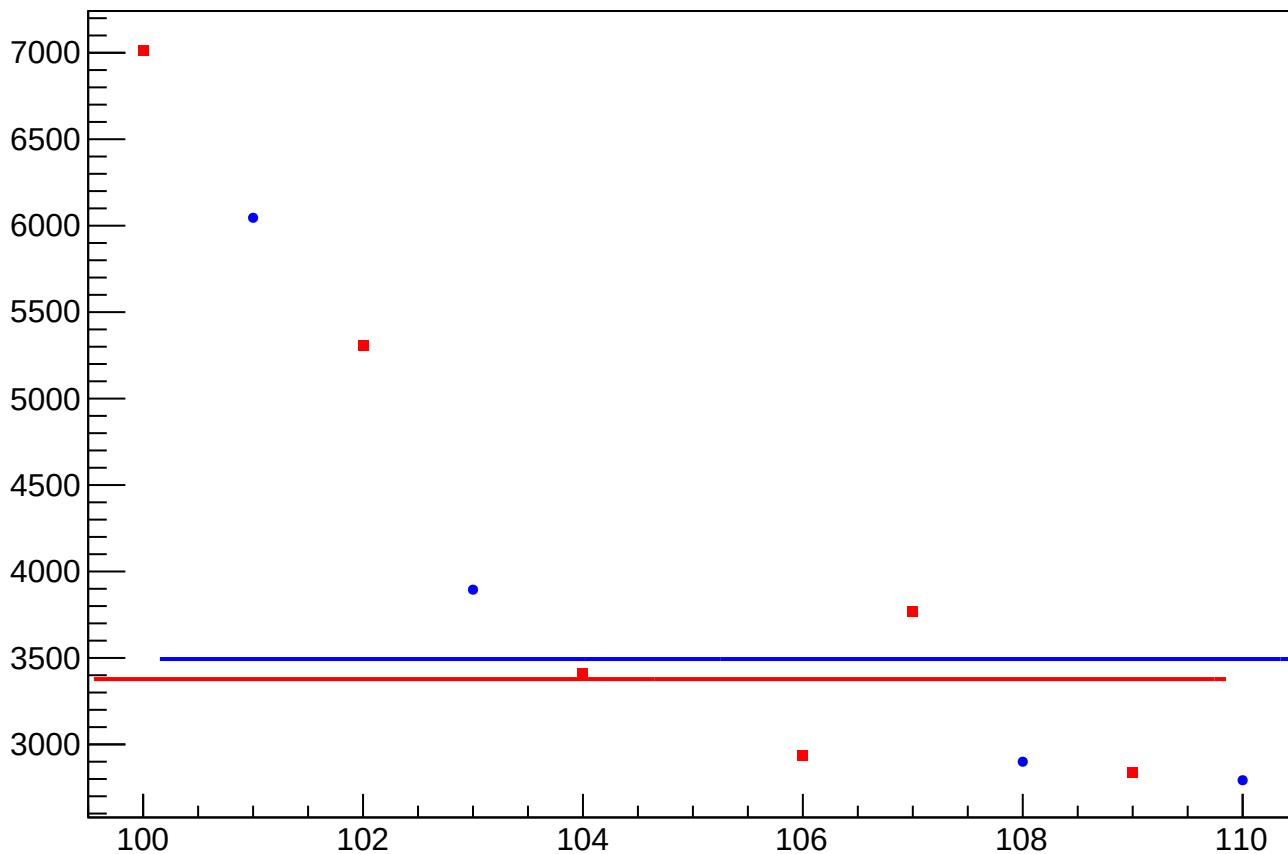
Right: -1641.264+/-1712.791 χ^2/NDF : 8.8/9

In: -3234.609+/-2558.467 χ^2/NDF : 7.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1641.264+/-1712.791 χ^2/NDF : 8.8/9

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3493.778+/-1.809 χ^2/NDF : 327048.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3377.913+/-1.630 χ^2/NDF : 252654.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

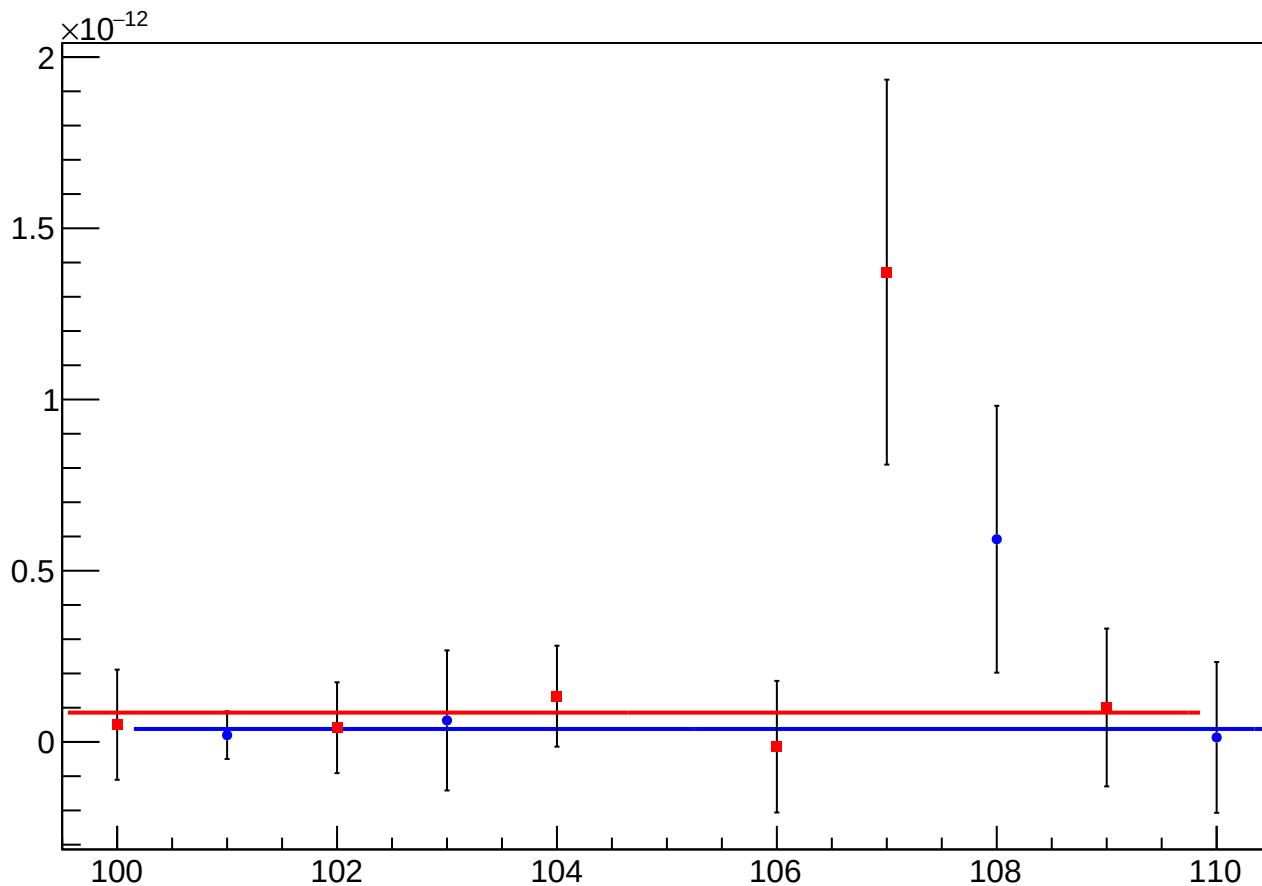
Right: 3429.839+/-1.211 χ^2/NDF : 581966.9/9

In: 3493.778+/-1.809 χ^2/NDF : 327048.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3429.839+/-1.211 χ^2/NDF : 581966.9/9

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

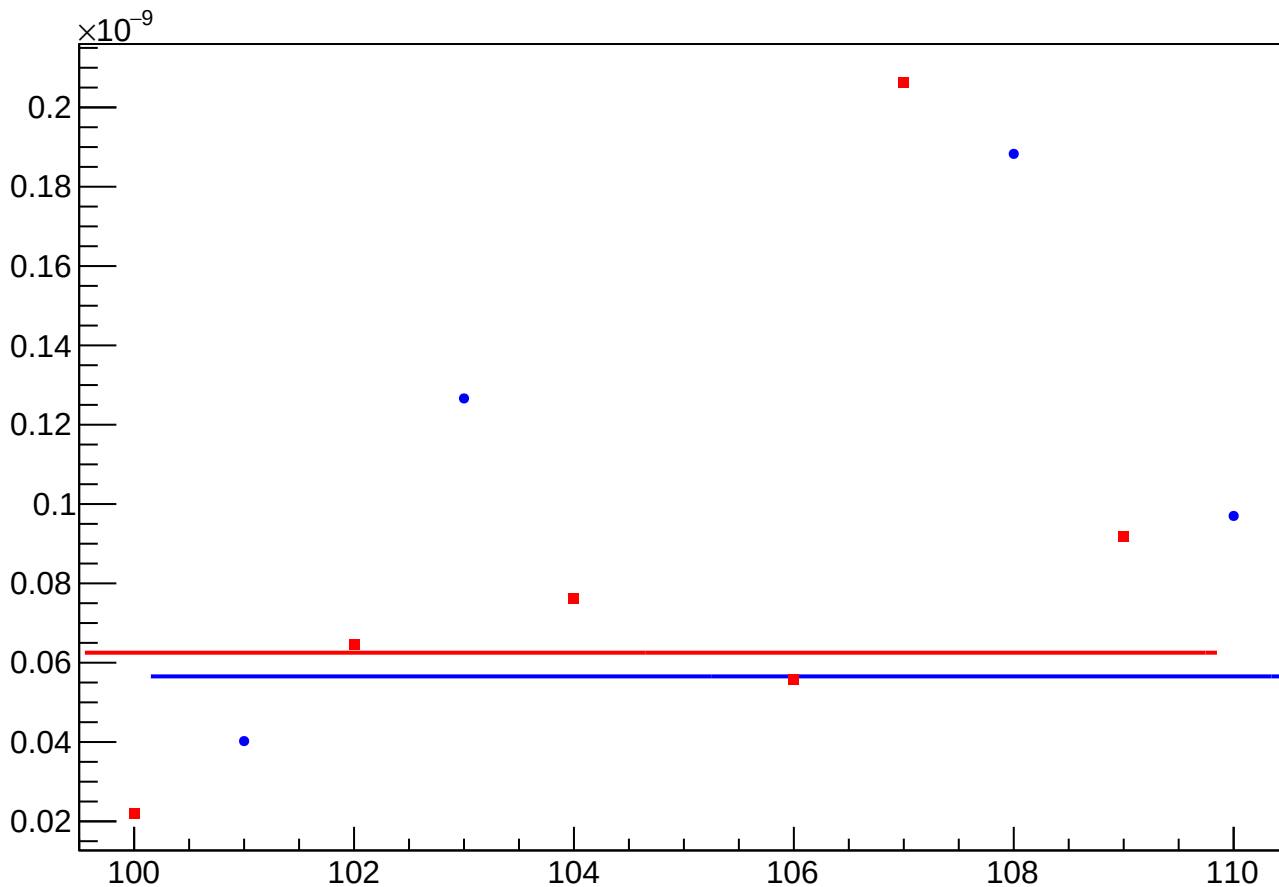
Right: 0.000+/-0.000 χ^2/NDF : 8.1/9

In: 0.000+/-0.000 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.1/9

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 640996.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 309895.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

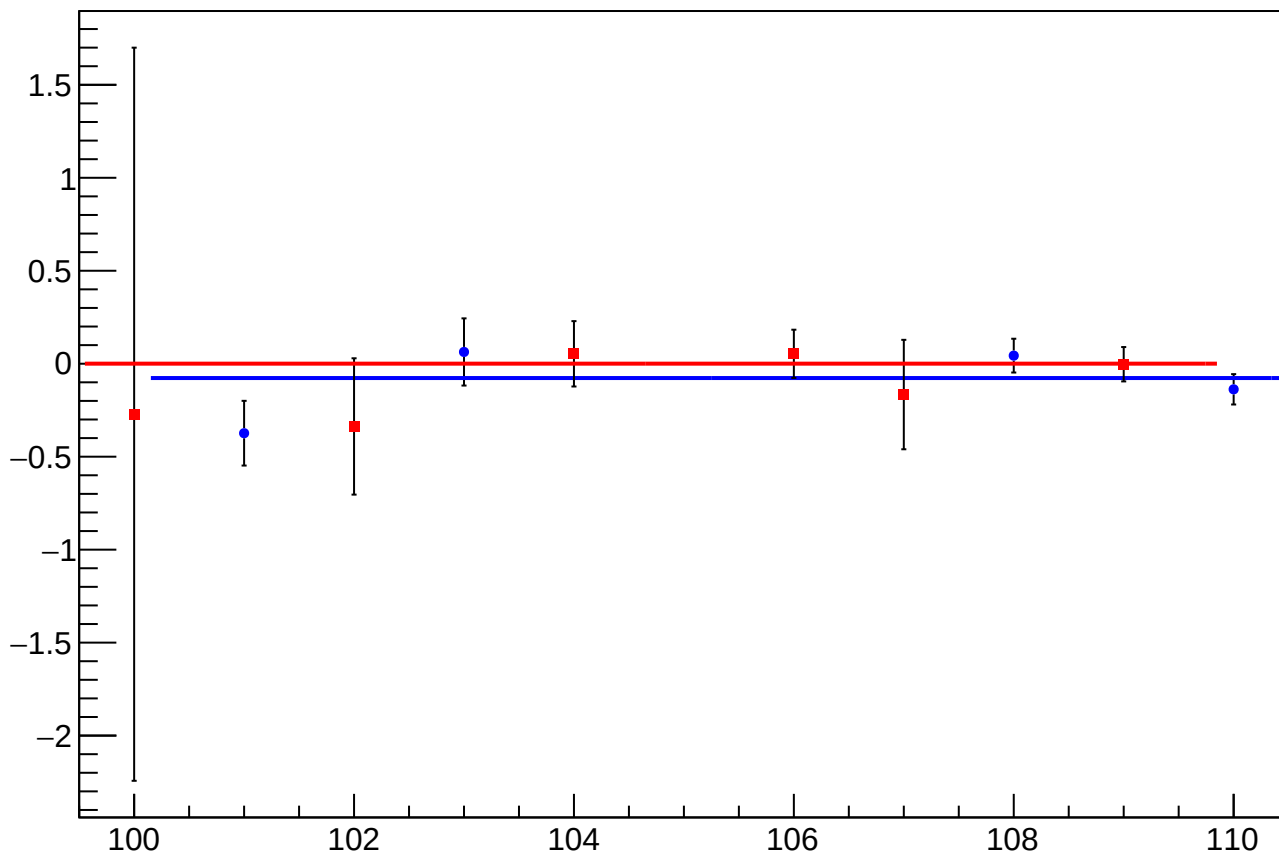
Right: 0.000+/-0.000 χ^2/NDF : 958714.4/9

In: 0.000+/-0.000 χ^2/NDF : 640996.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 958714.4/9

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.077+/-0.055 χ^2/NDF : 5.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.066 χ^2/NDF : 1.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

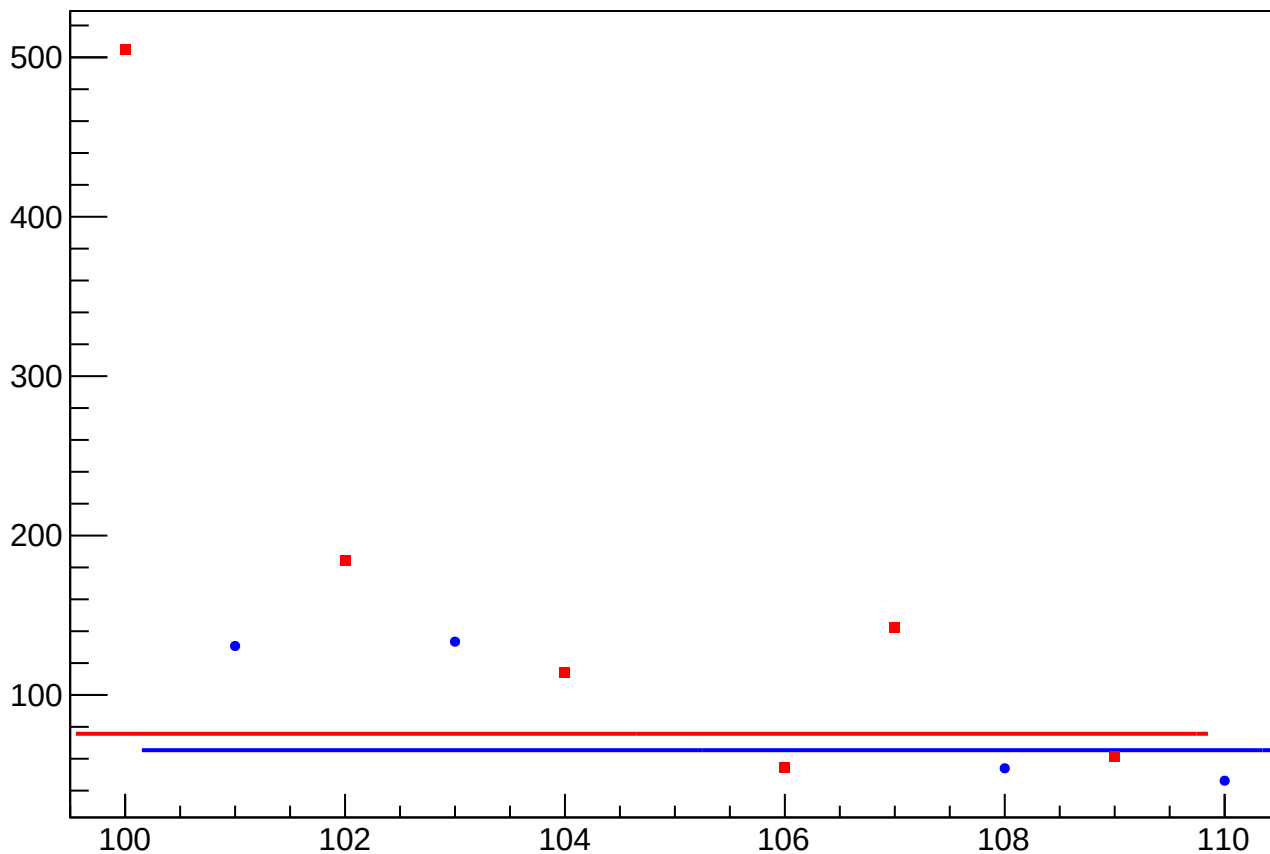
Right: -0.046+/-0.042 χ^2/NDF : 8.1/9

In: -0.077+/-0.055 χ^2/NDF : 5.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.046+/-0.042 χ^2/NDF : 8.1/9

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.348+/-0.039 χ^2/NDF : 707503.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.664+/-0.047 χ^2/NDF : 570751.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

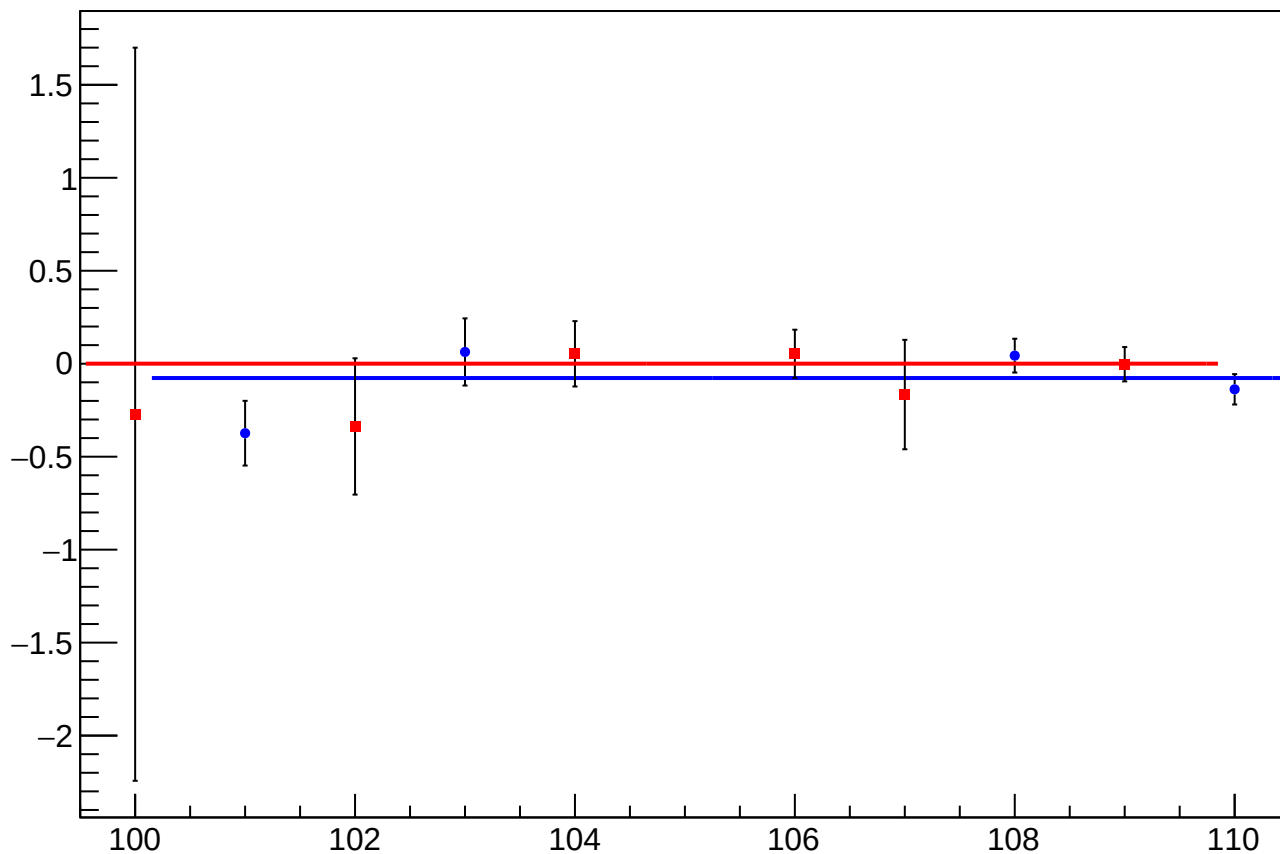
Right: 69.529+/-0.030 χ^2/NDF : 1307129.3/9

In: 65.348+/-0.039 χ^2/NDF : 707503.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.529+/-0.030 χ^2/NDF : 1307129.3/9

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.077+/-0.055 χ^2/NDF : 5.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.066 χ^2/NDF : 1.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

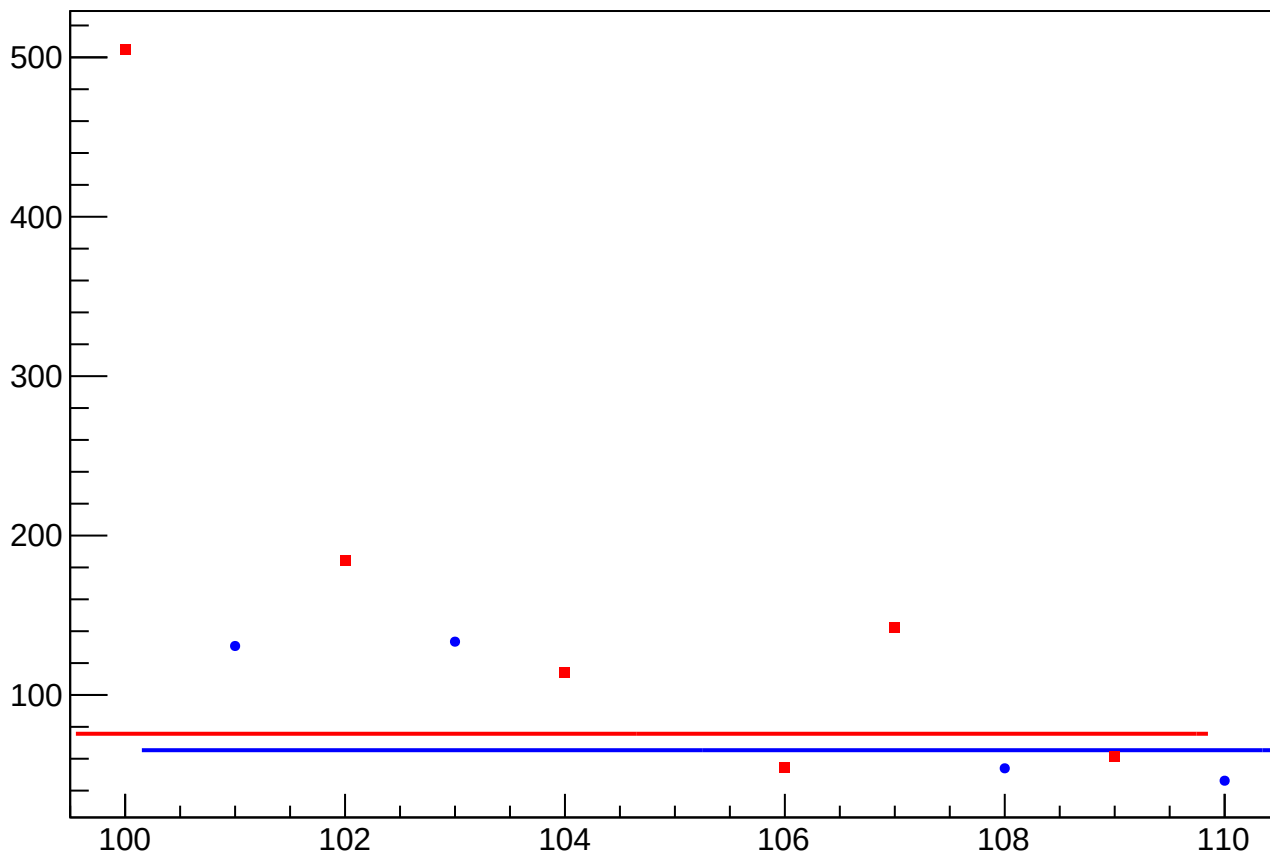
Right: -0.046+/-0.042 χ^2/NDF : 8.1/9

In: -0.077+/-0.055 χ^2/NDF : 5.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.046+/-0.042 χ^2/NDF : 8.1/9

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.348+/-0.039 χ^2/NDF : 707503.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.664+/-0.047 χ^2/NDF : 570751.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

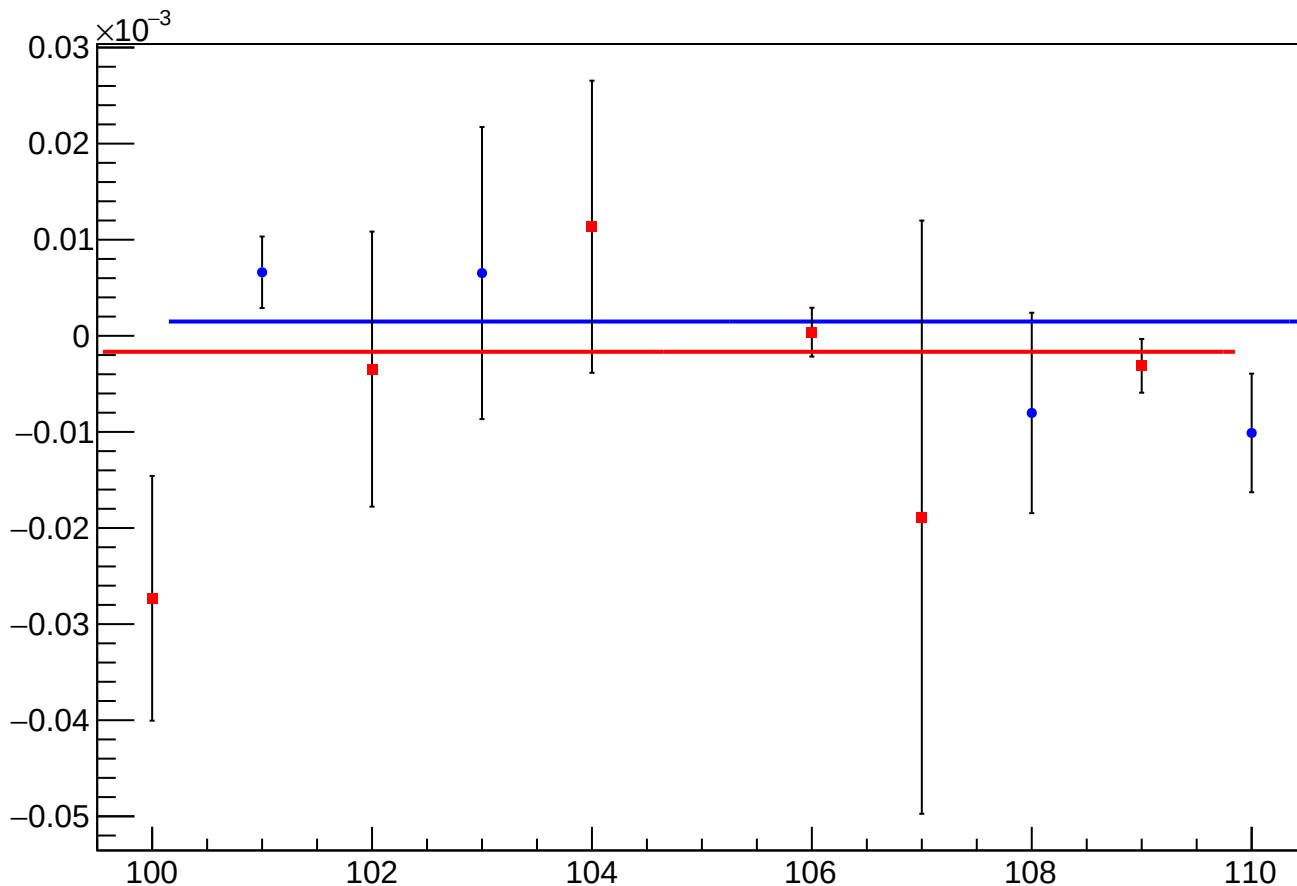
Right: 69.529+/-0.030 χ^2/NDF : 1307129.3/9

In: 65.348+/-0.039 χ^2/NDF : 707503.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.529+/-0.030 χ^2/NDF : 1307129.3/9

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

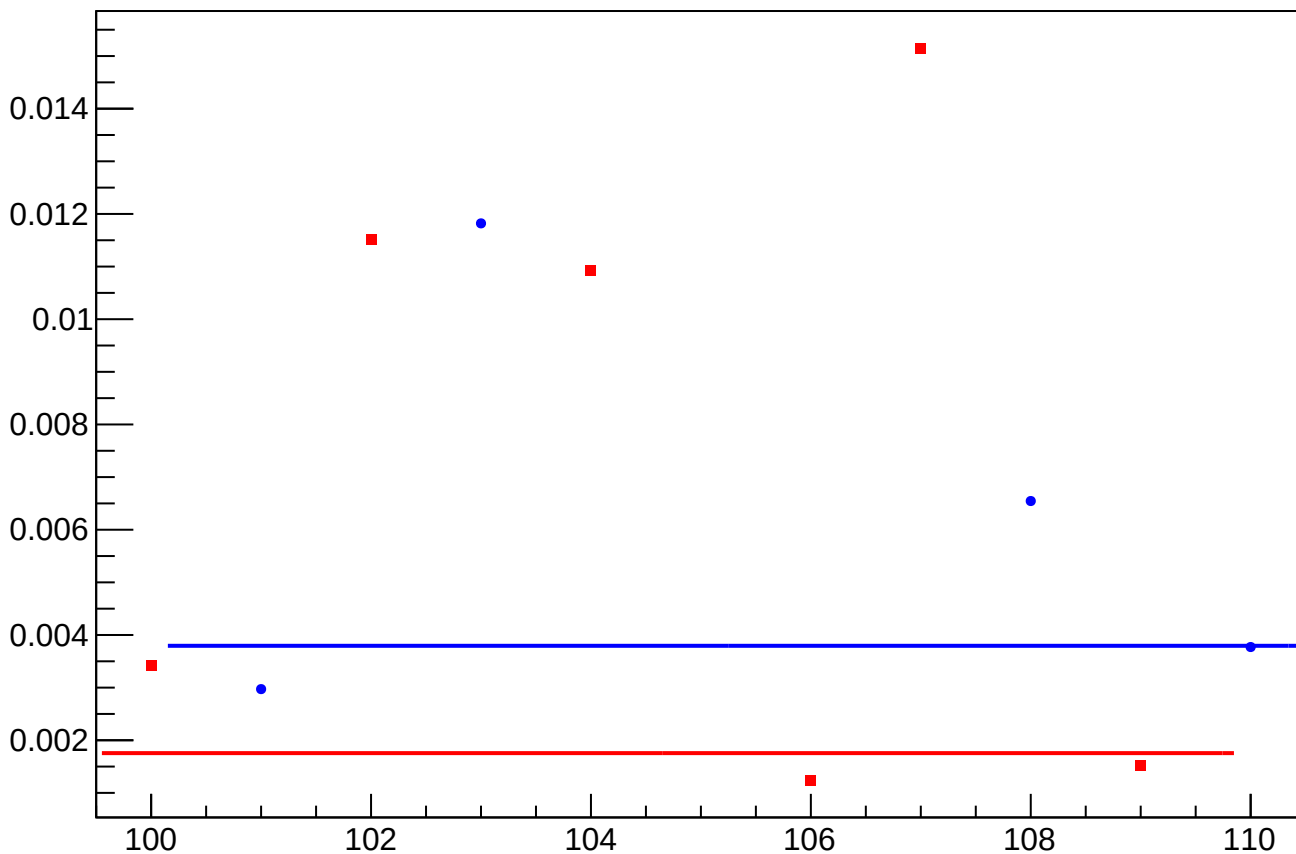
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/9

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/9

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 794918.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2169029.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

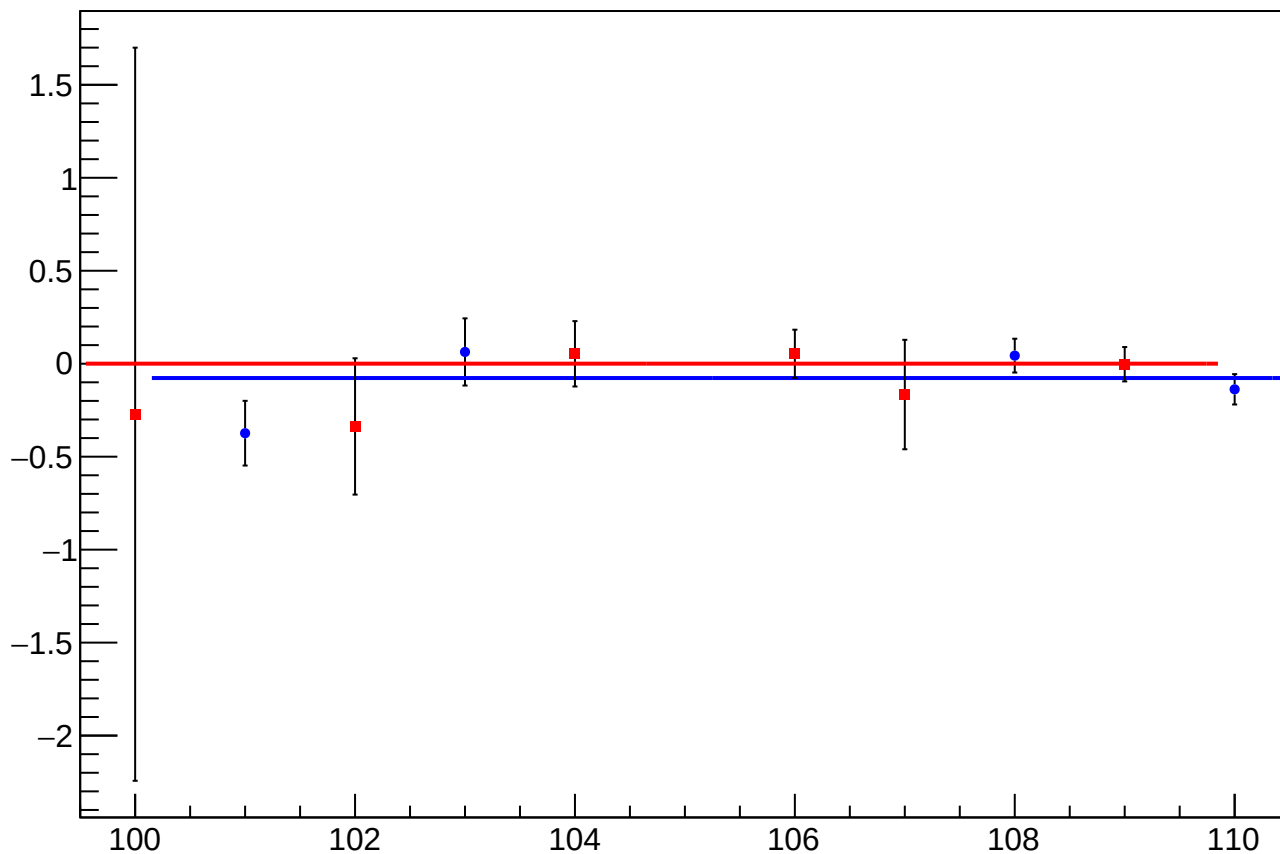
Right: 0.002+/-0.000 χ^2/NDF : 3641581.5/9

In: 0.004+/-0.000 χ^2/NDF : 794918.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3641581.5/9

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.077+/-0.055 χ^2/NDF : 5.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.066 χ^2/NDF : 1.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

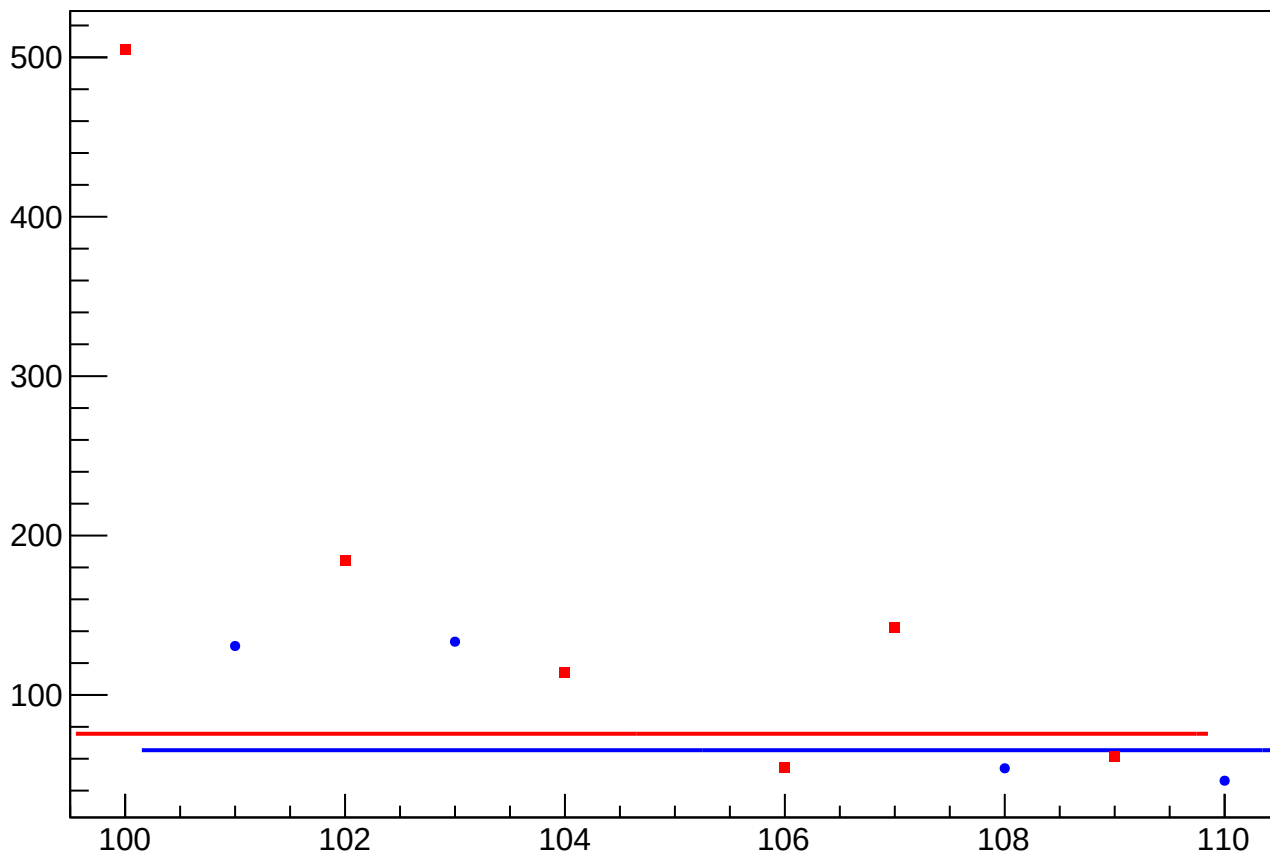
Right: -0.046+/-0.042 χ^2/NDF : 8.1/9

In: -0.077+/-0.055 χ^2/NDF : 5.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.046+/-0.042 χ^2/NDF : 8.1/9

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.348+/-0.039 χ^2/NDF : 707459.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.663+/-0.047 χ^2/NDF : 570714.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

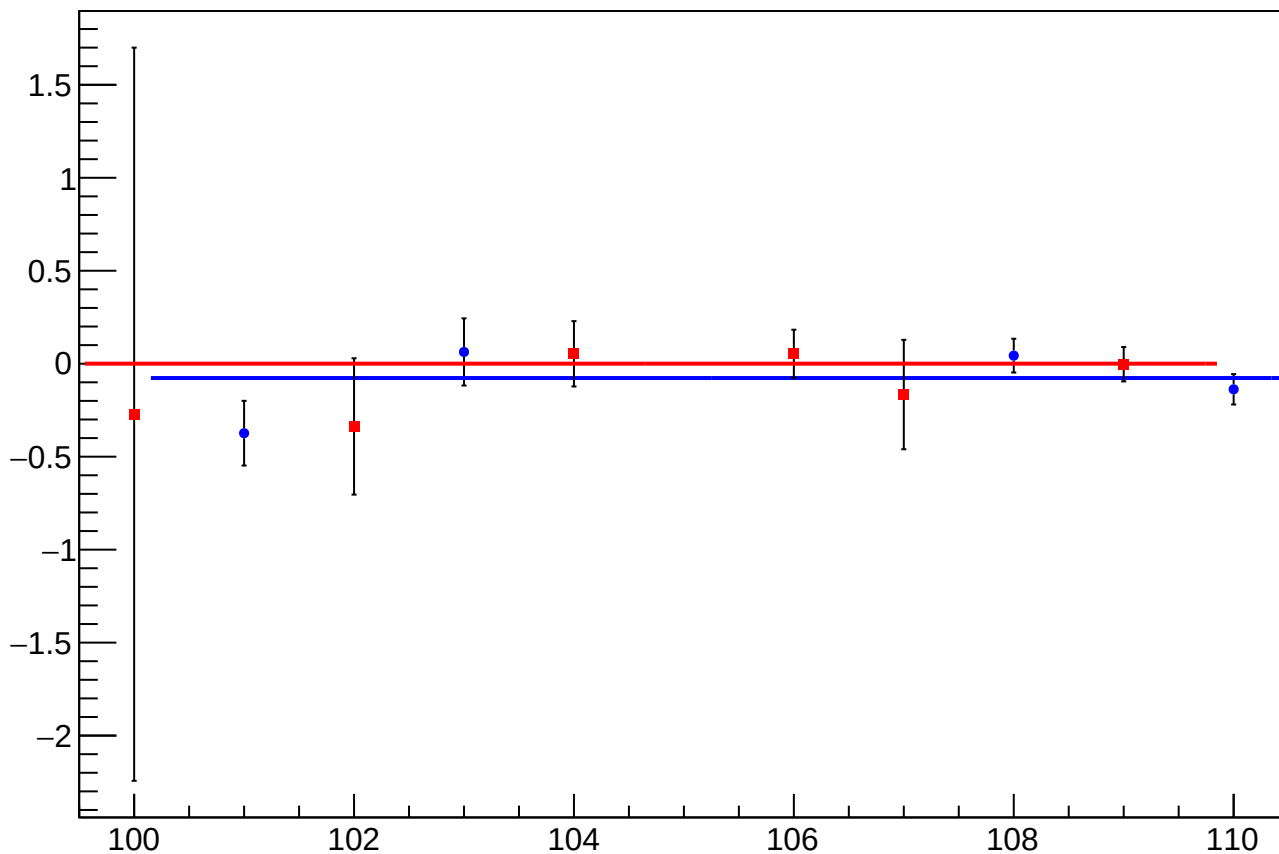
Right: 69.528+/-0.030 χ^2/NDF : 1307045.6/9

In: 65.348+/-0.039 χ^2/NDF : 707459.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.528+/-0.030 χ^2/NDF : 1307045.6/9

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.077 $\pm$ 0.055 χ^2 /NDF: 5.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.066 χ^2 /NDF: 1.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

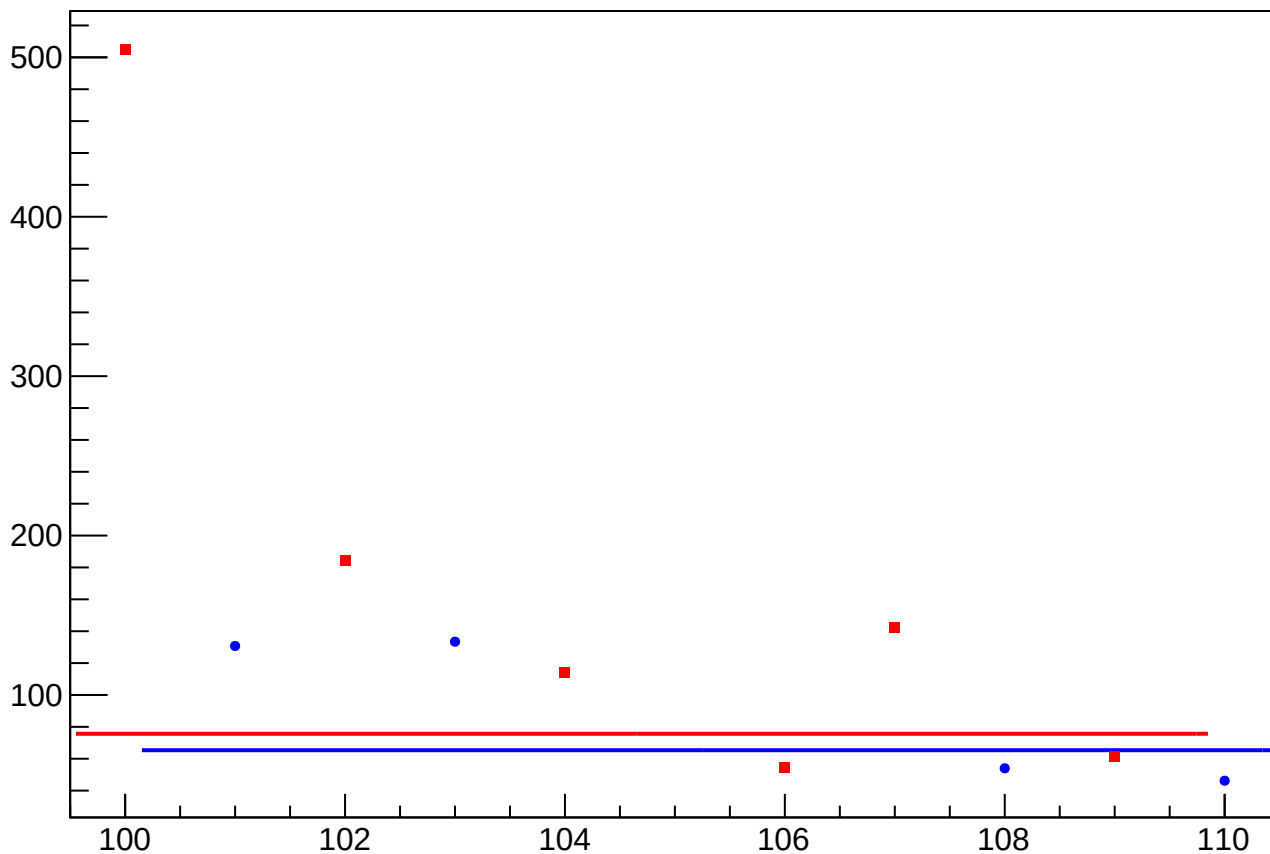
Right: -0.046 $\pm$ 0.042 χ^2 /NDF: 8.1/9

In: -0.077 $\pm$ 0.055 χ^2 /NDF:5.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.046 $\pm$ 0.042 χ^2 /NDF: 8.1/9

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.348+/-0.039 χ^2/NDF : 707459.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.663+/-0.047 χ^2/NDF : 570714.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

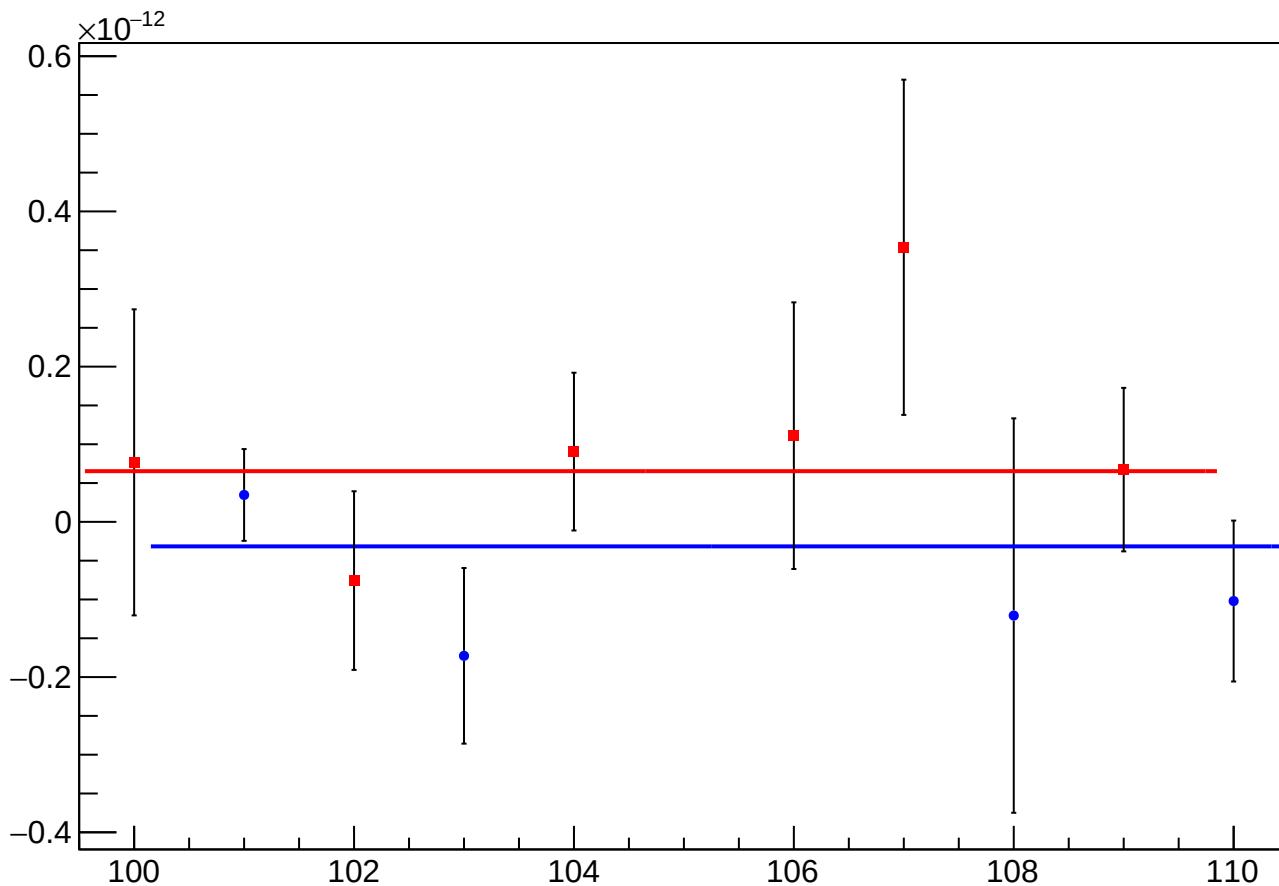
Right: 69.528+/-0.030 χ^2/NDF : 1307045.6/9

In: 65.348+/-0.039 χ^2/NDF : 707459.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.528+/-0.030 χ^2/NDF : 1307045.6/9

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

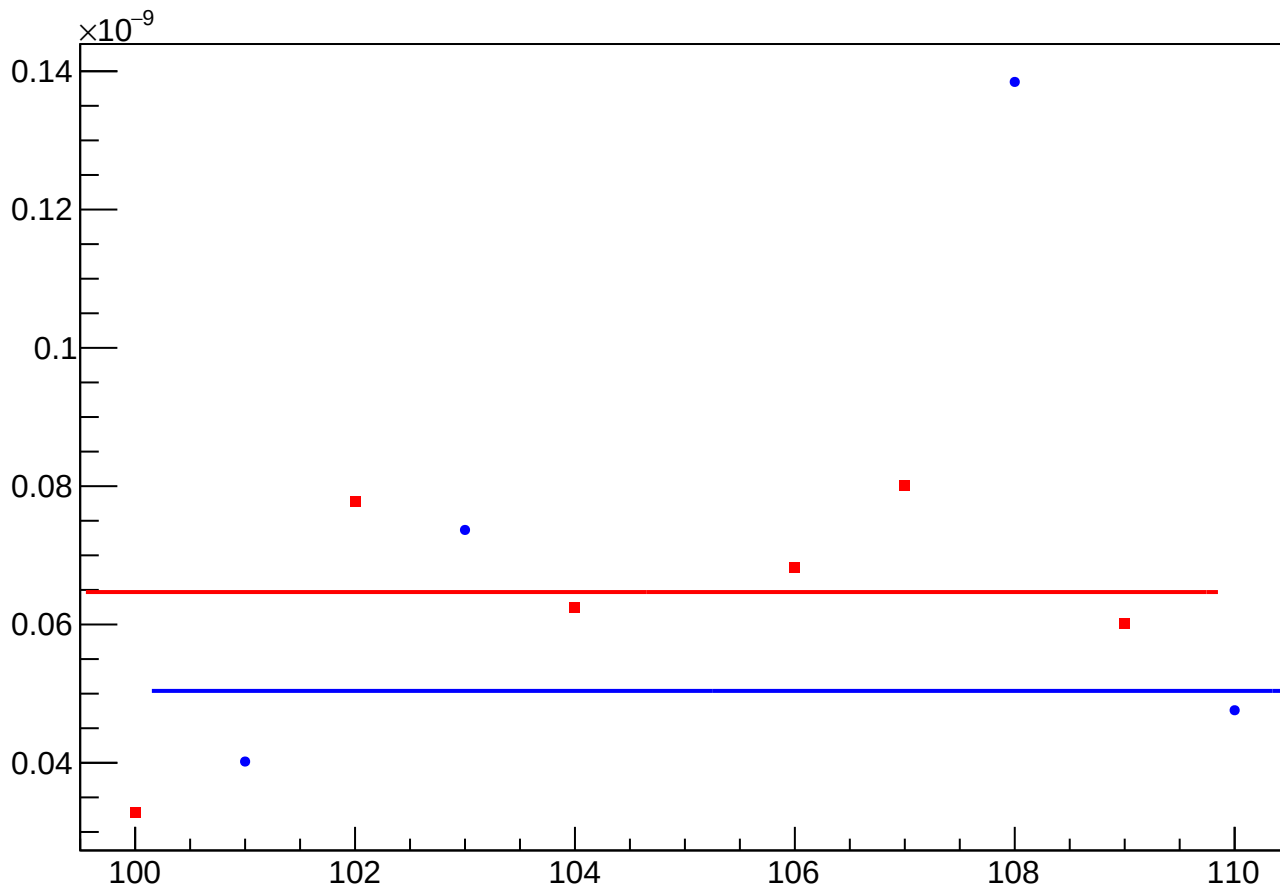
Right: 0.000+/-0.000 χ^2/NDF : 8.7/9

In: -0.000+/-0.000 χ^2/NDF :3.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.7/9

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 385910.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 94094.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

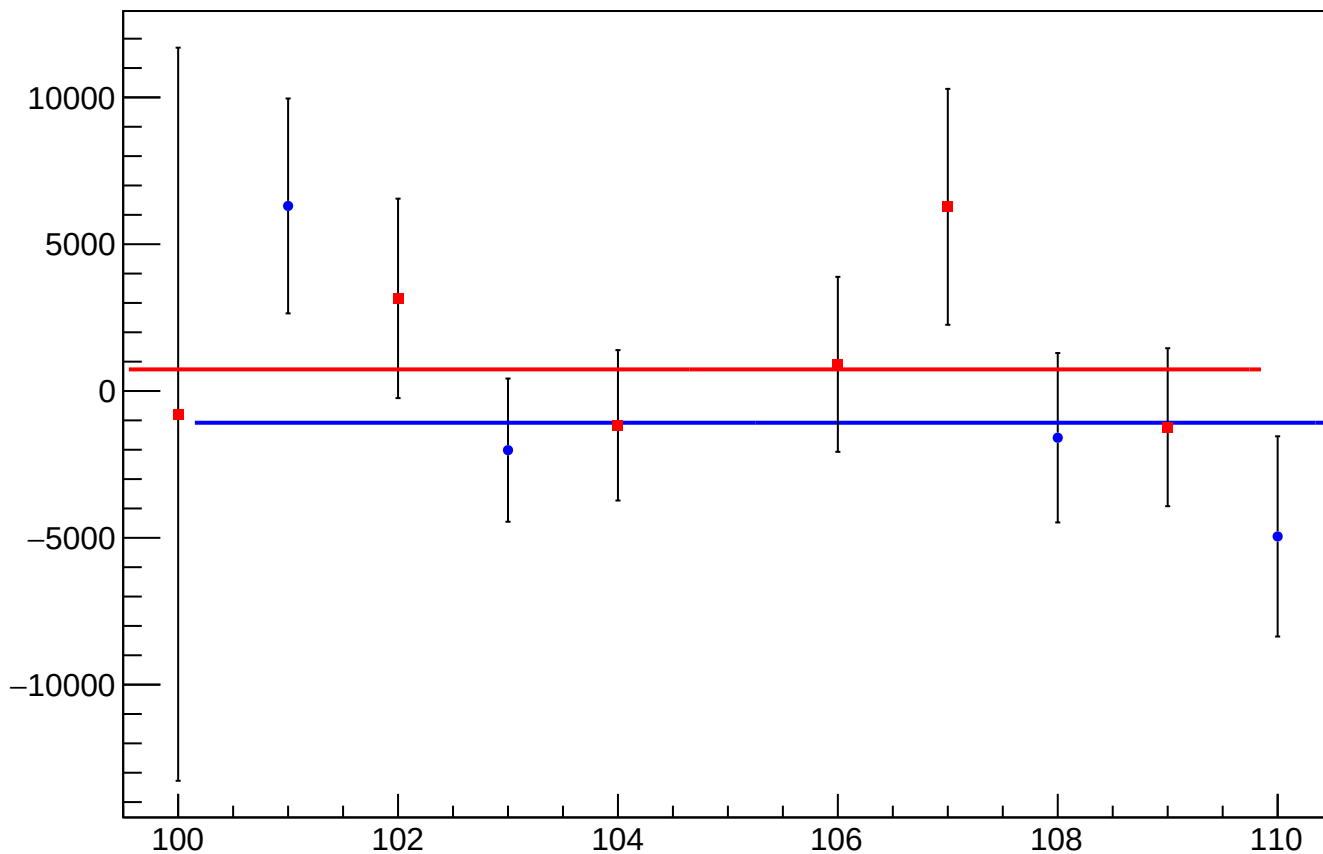
Right: 0.000+/-0.000 χ^2/NDF : 561285.0/9

In: 0.000+/-0.000 χ^2/NDF : 385910.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 561285.0/9

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1080.192+/-1492.332 χ^2/NDF : 5.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 736.198+/-1338.377 χ^2/NDF : 3.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

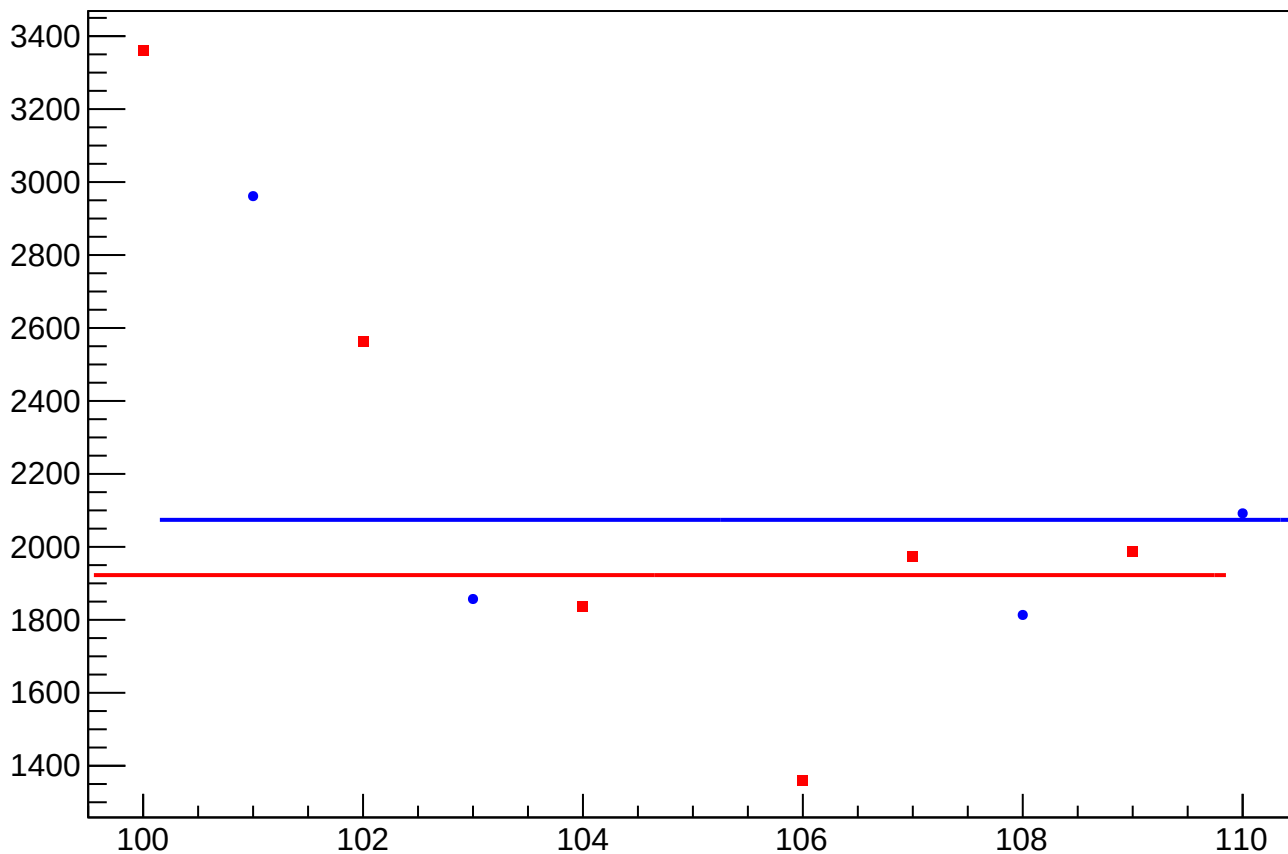
Right: -73.499+/-996.374 χ^2/NDF : 9.9/9

In: -1080.192+/-1492.332 χ^2/NDF : 5.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.499+/-996.374 χ^2/NDF : 9.9/9

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2074.096+/-1.055 χ^2/NDF : 149814.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1922.649+/-0.946 χ^2/NDF : 172164.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

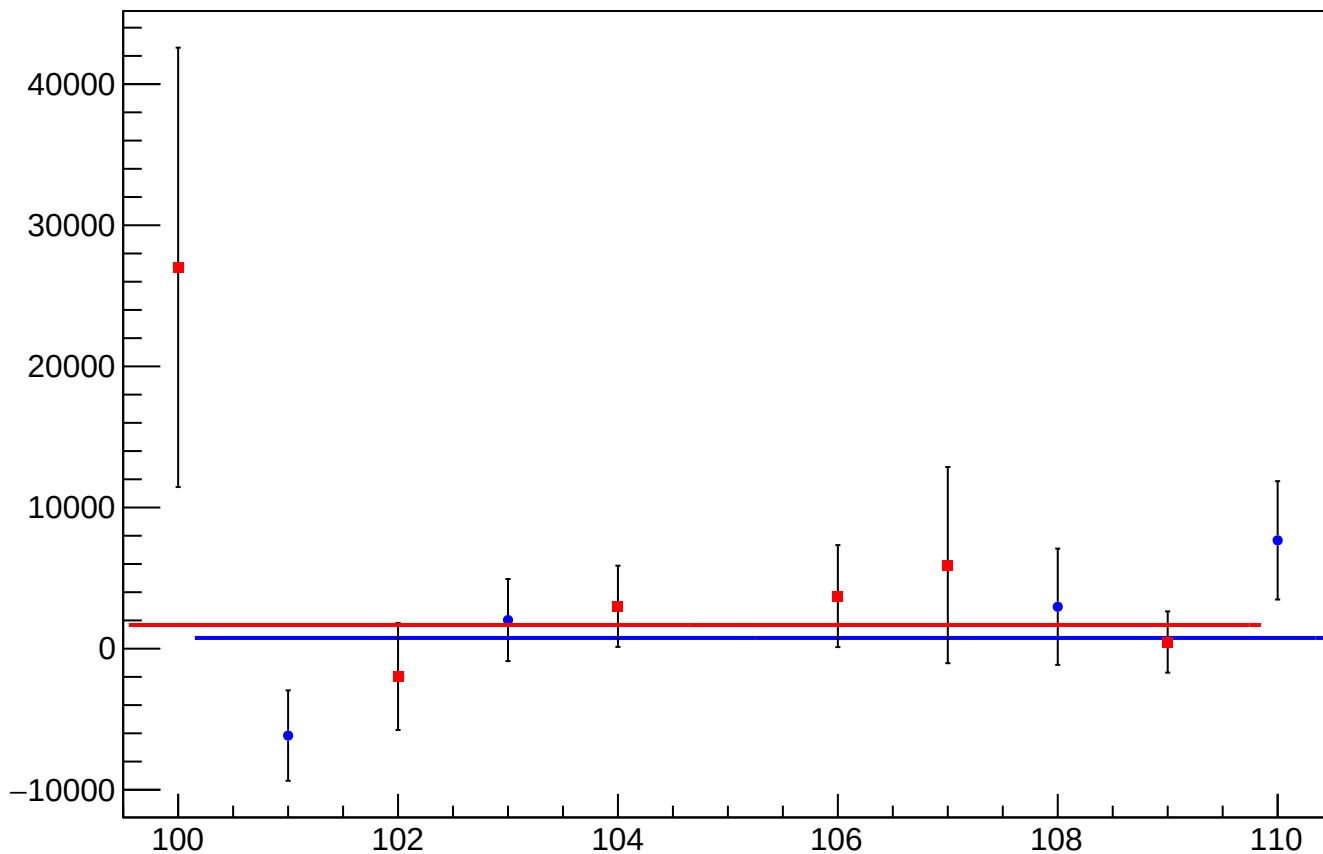
Right: 1990.159+/-0.705 χ^2/NDF : 333394.5/9

In: 2074.096+/-1.055 χ^2/NDF : 149814.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1990.159+/-0.705 χ^2/NDF : 333394.5/9

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 758.424+/-1736.670 χ^2/NDF : 7.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1676.448+/-1408.855 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

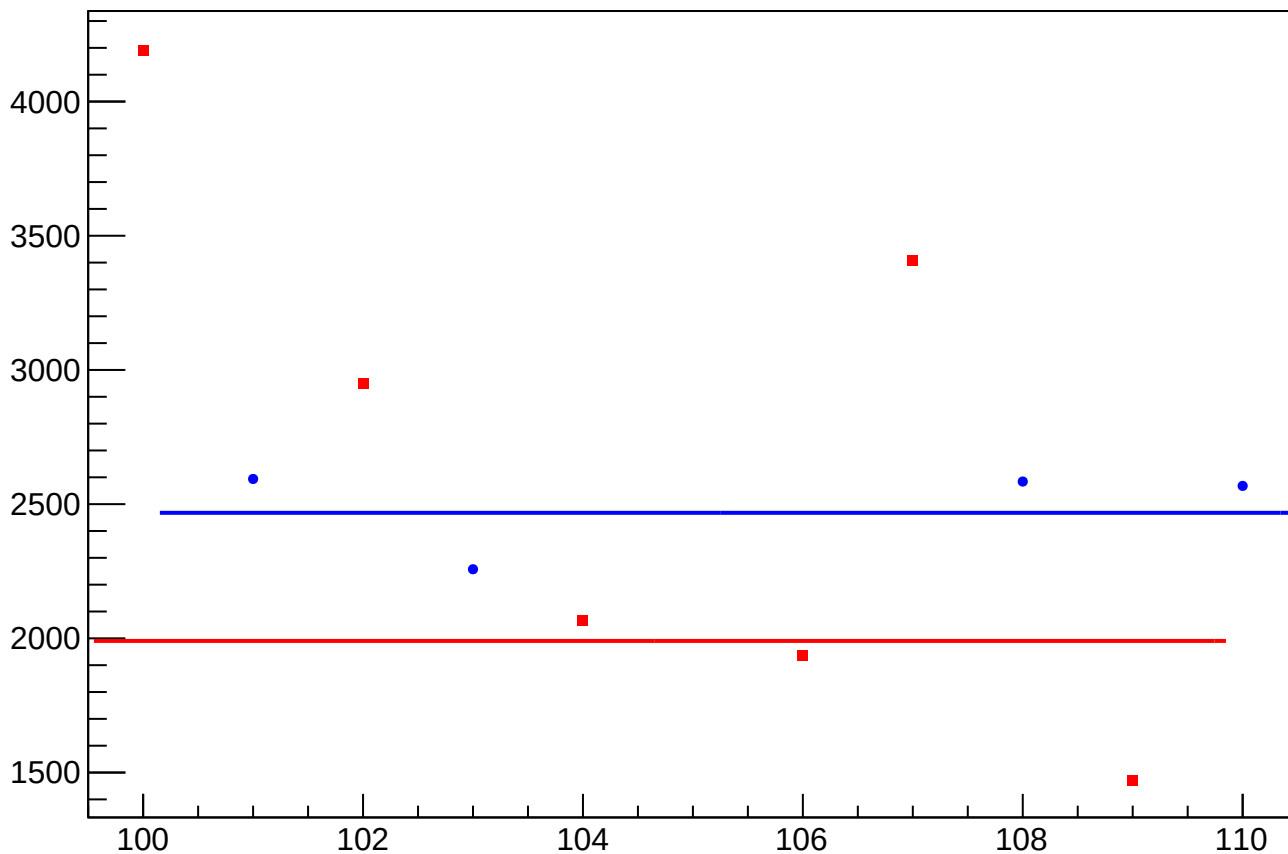
Right: 1312.082+/-1094.107 χ^2/NDF : 12.8/9

In: 758.424+/-1736.670 χ^2/NDF : 7.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.082+/-1094.107 χ^2/NDF : 12.8/9

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2467.740+/-1.228 χ^2/NDF : 16299.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1990.393+/-0.996 χ^2/NDF : 367547.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

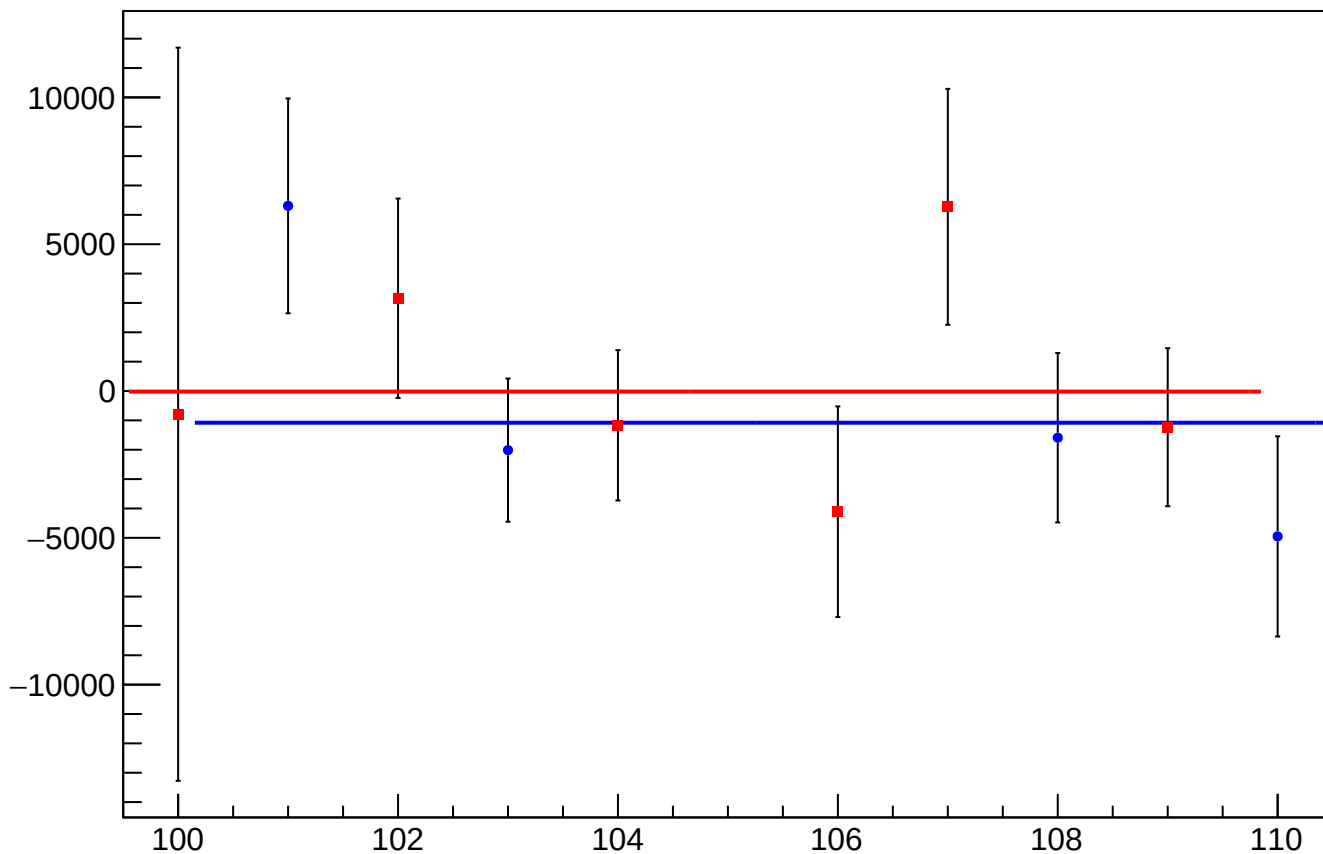
Right: 2179.854+/-0.774 χ^2/NDF : 474975.3/9

In: 2467.740+/-1.228 χ^2/NDF : 16299.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.854+/-0.774 χ^2/NDF : 474975.3/9

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1079.646+/-1492.333 χ^2/NDF : 5.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.919+/-1382.285 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

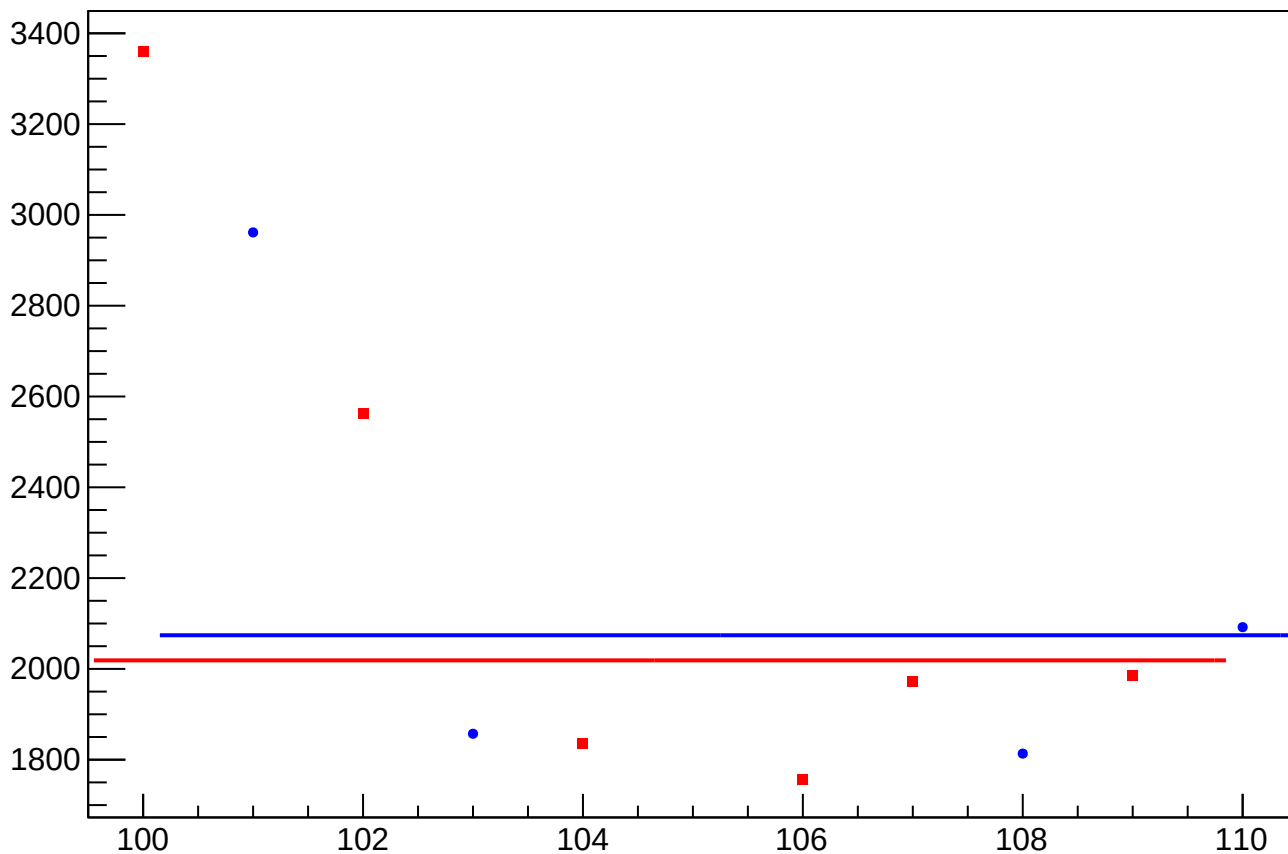
Right: -509.273+/-1014.099 χ^2/NDF : 10.9/9

In: -1079.646+/-1492.333 χ^2/NDF : 5.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -509.273+/-1014.099 χ^2/NDF : 10.9/9

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2074.095+/-1.055 χ^2/NDF : 149814.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2018.790+/-0.977 χ^2/NDF : 95724.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

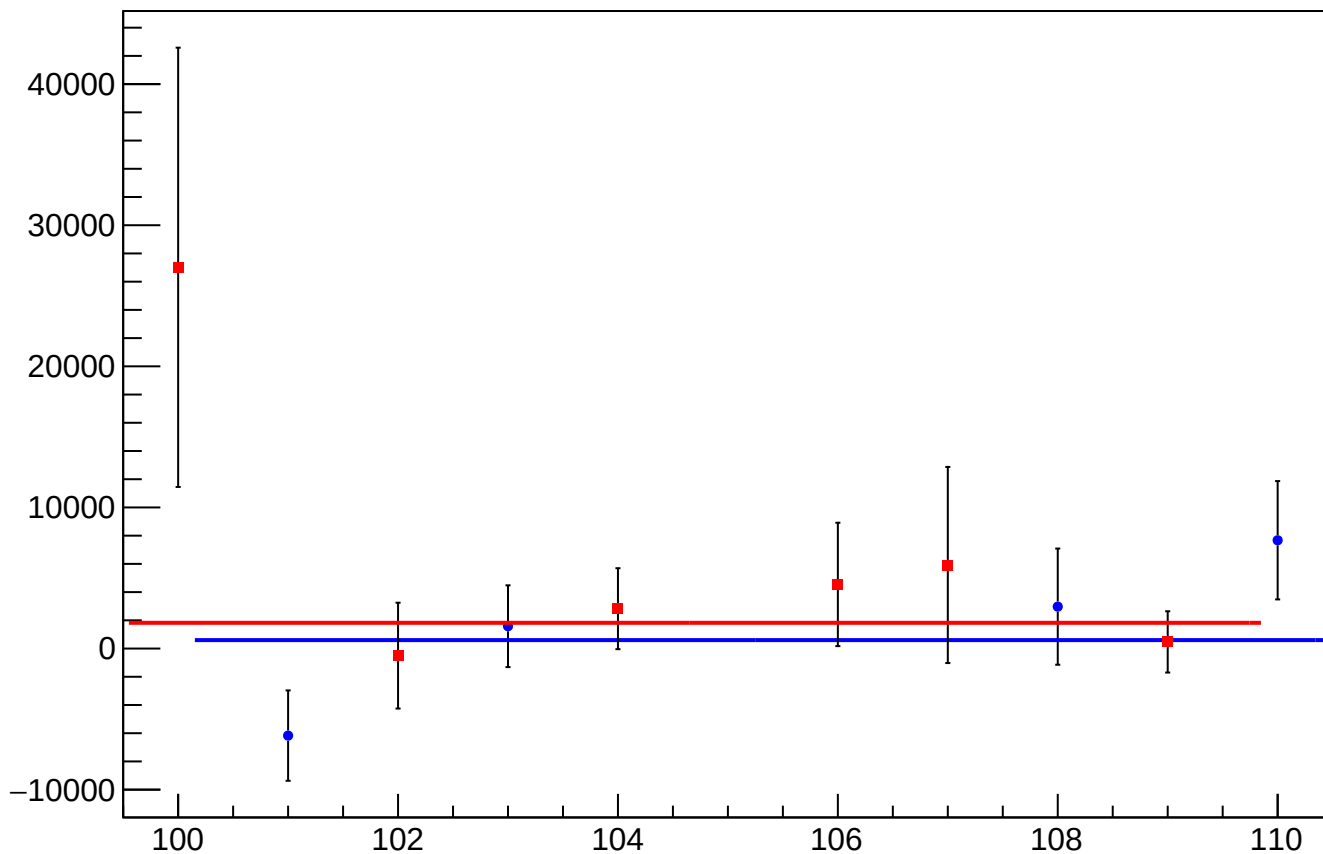
Right: 2044.328+/-0.717 χ^2/NDF : 247017.5/9

In: 2074.095+/-1.055 χ^2/NDF : 149814.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2044.328+/-0.717 χ^2/NDF : 247017.5/9

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 598.031+/-1734.263 χ^2/NDF : 7.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1824.186+/-1440.885 χ^2/NDF : 4.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

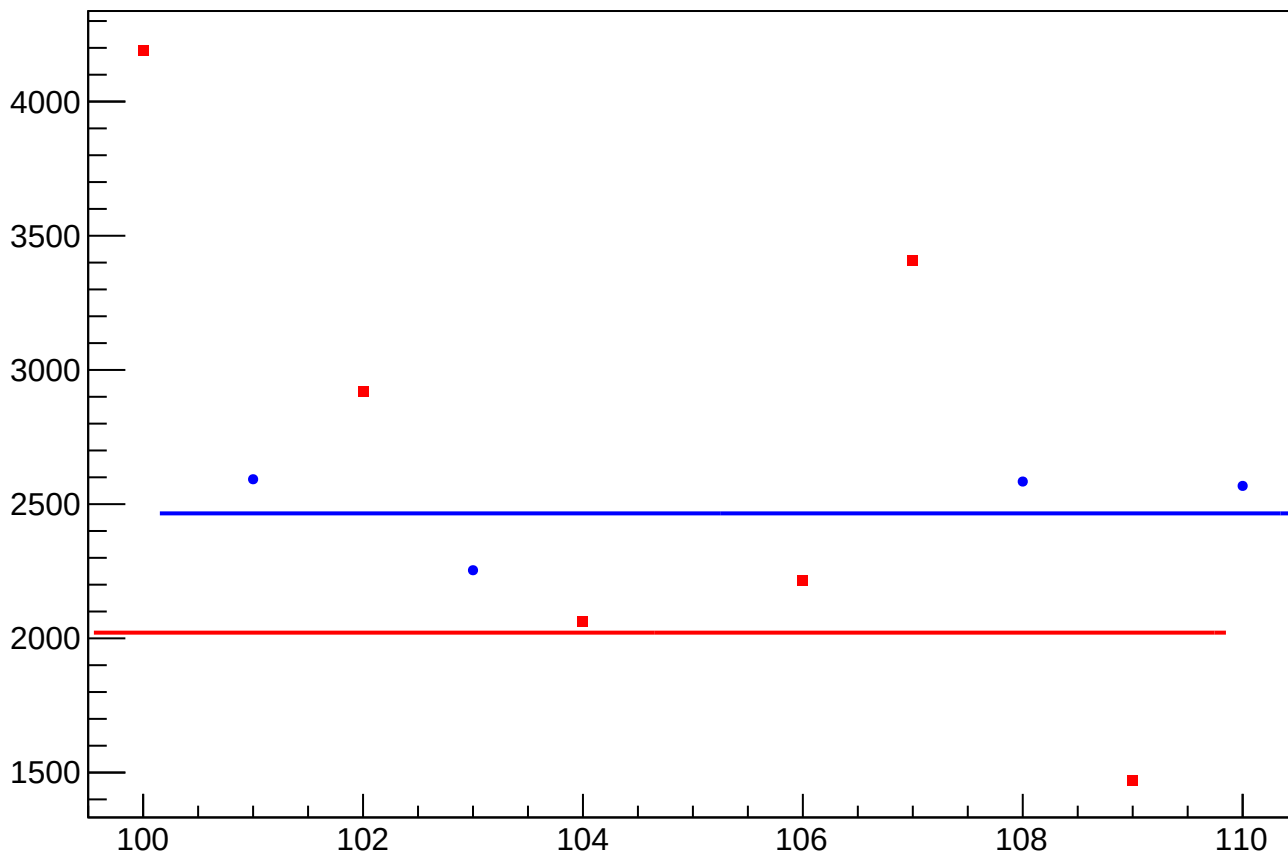
Right: 1323.444+/-1108.280 χ^2/NDF : 12.3/9

In: 598.031+/-1734.263 χ^2/NDF : 7.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.444+/-1108.280 χ^2/NDF : 12.3/9

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2465.610+/-1.226 χ^2/NDF : 16692.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2021.250+/-1.019 χ^2/NDF : 366364.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

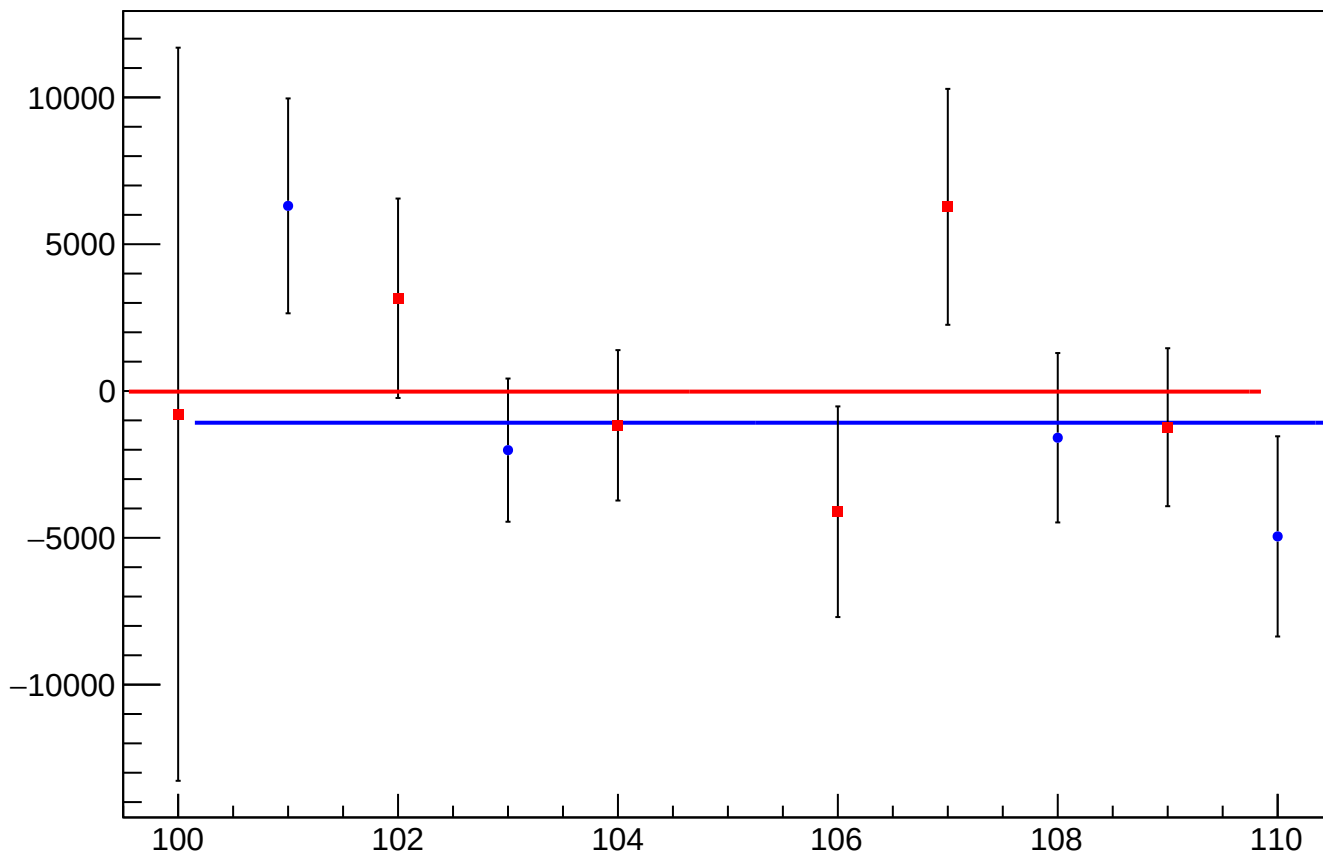
Right: 2202.720+/-0.784 χ^2/NDF : 460736.7/9

In: 2465.610+/-1.226 χ^2/NDF : 16692.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2202.720+/-0.784 χ^2/NDF : 460736.7/9

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1079.646+/-1492.333 χ^2/NDF : 5.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -19.919+/-1382.285 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

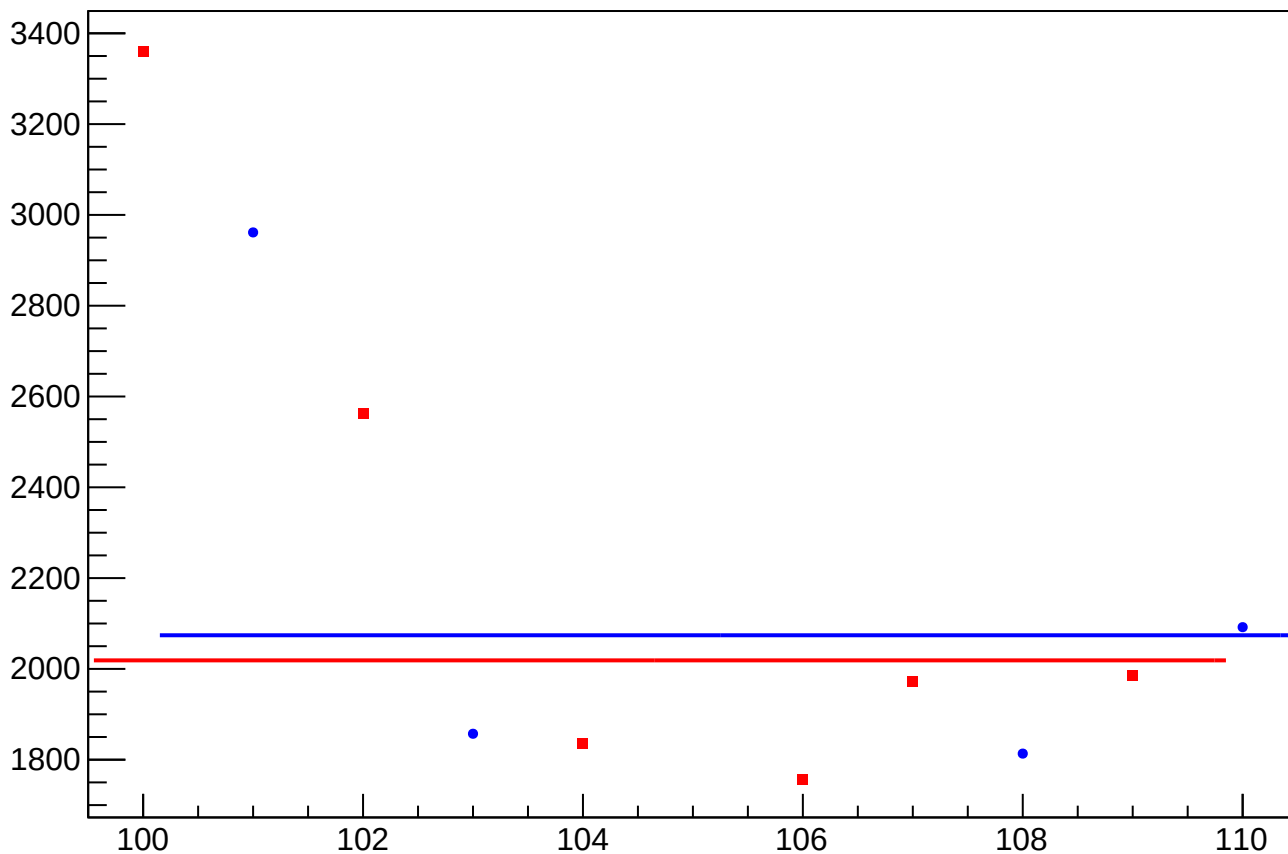
Right: -509.273+/-1014.099 χ^2/NDF : 10.9/9

In: -1079.646+/-1492.333 χ^2/NDF :5.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -509.273+/-1014.099 χ^2/NDF : 10.9/9

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2074.095+/-1.055 χ^2/NDF : 149814.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2018.790+/-0.977 χ^2/NDF : 95724.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

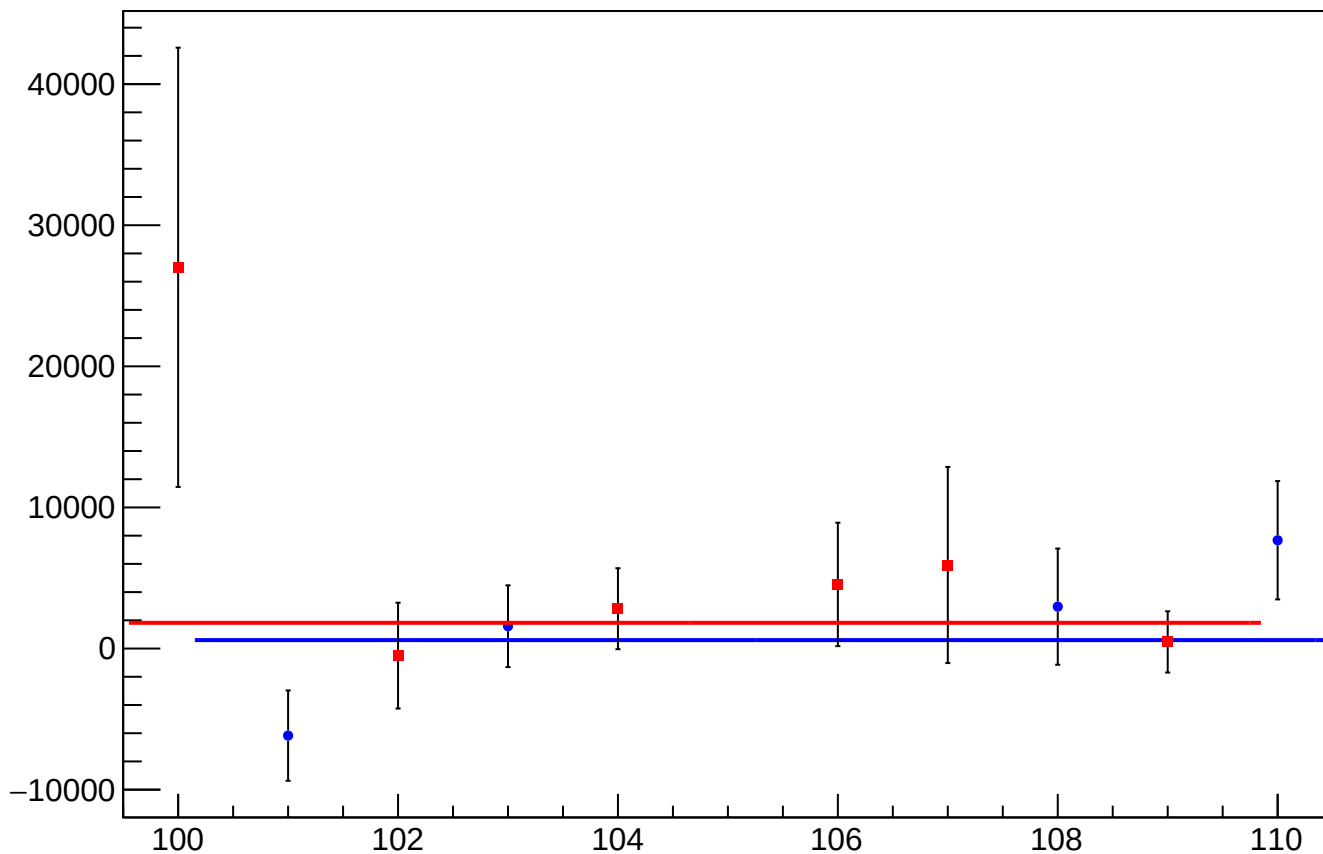
Right: 2044.328+/-0.717 χ^2/NDF : 247017.5/9

In: 2074.095+/-1.055 χ^2/NDF : 149814.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2044.328+/-0.717 χ^2/NDF : 247017.5/9

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 598.031+/-1734.263 χ^2/NDF : 7.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1824.186+/-1440.885 χ^2/NDF : 4.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

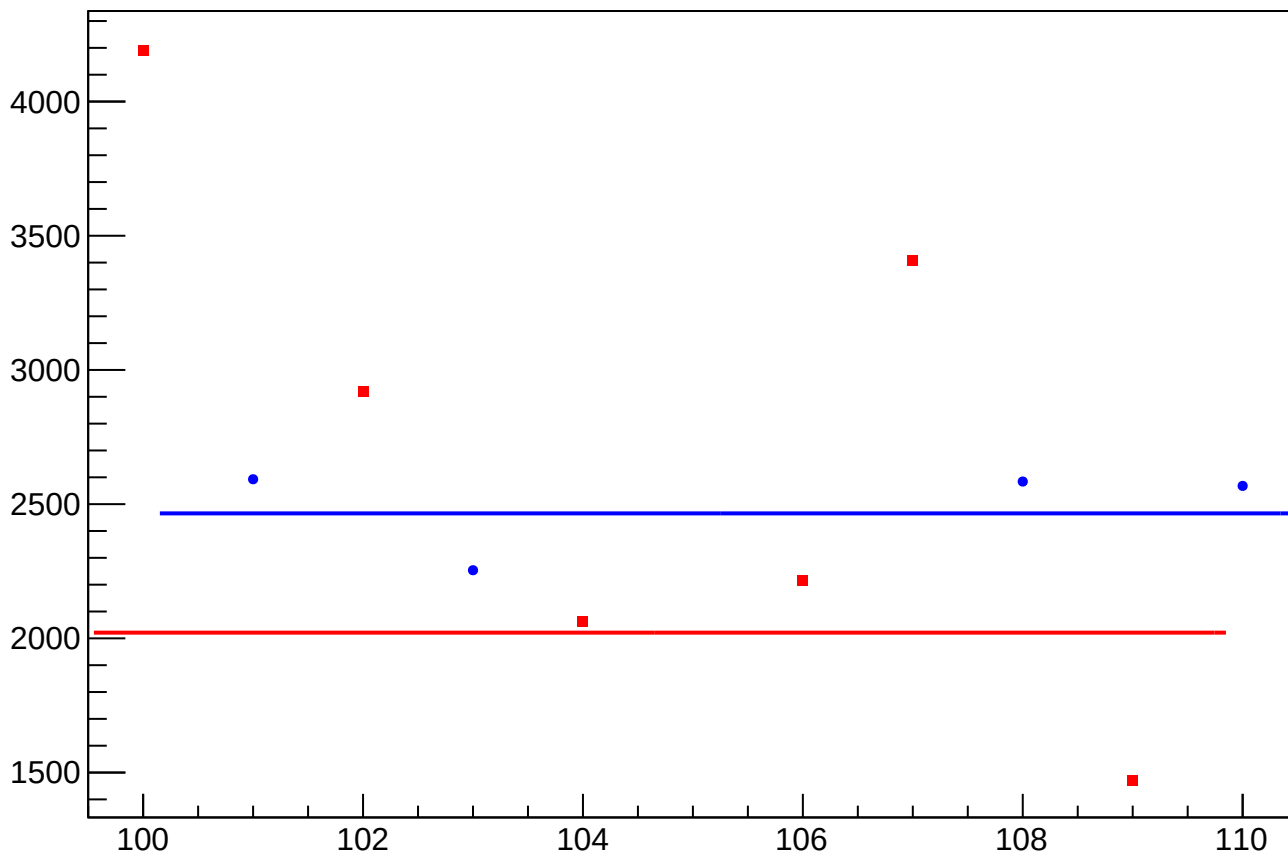
Right: 1323.444+/-1108.280 χ^2/NDF : 12.3/9

In: 598.031+/-1734.263 χ^2/NDF : 7.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.444+/-1108.280 χ^2/NDF : 12.3/9

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2465.610+/-1.226 χ^2/NDF : 16692.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2021.250+/-1.019 χ^2/NDF : 366364.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

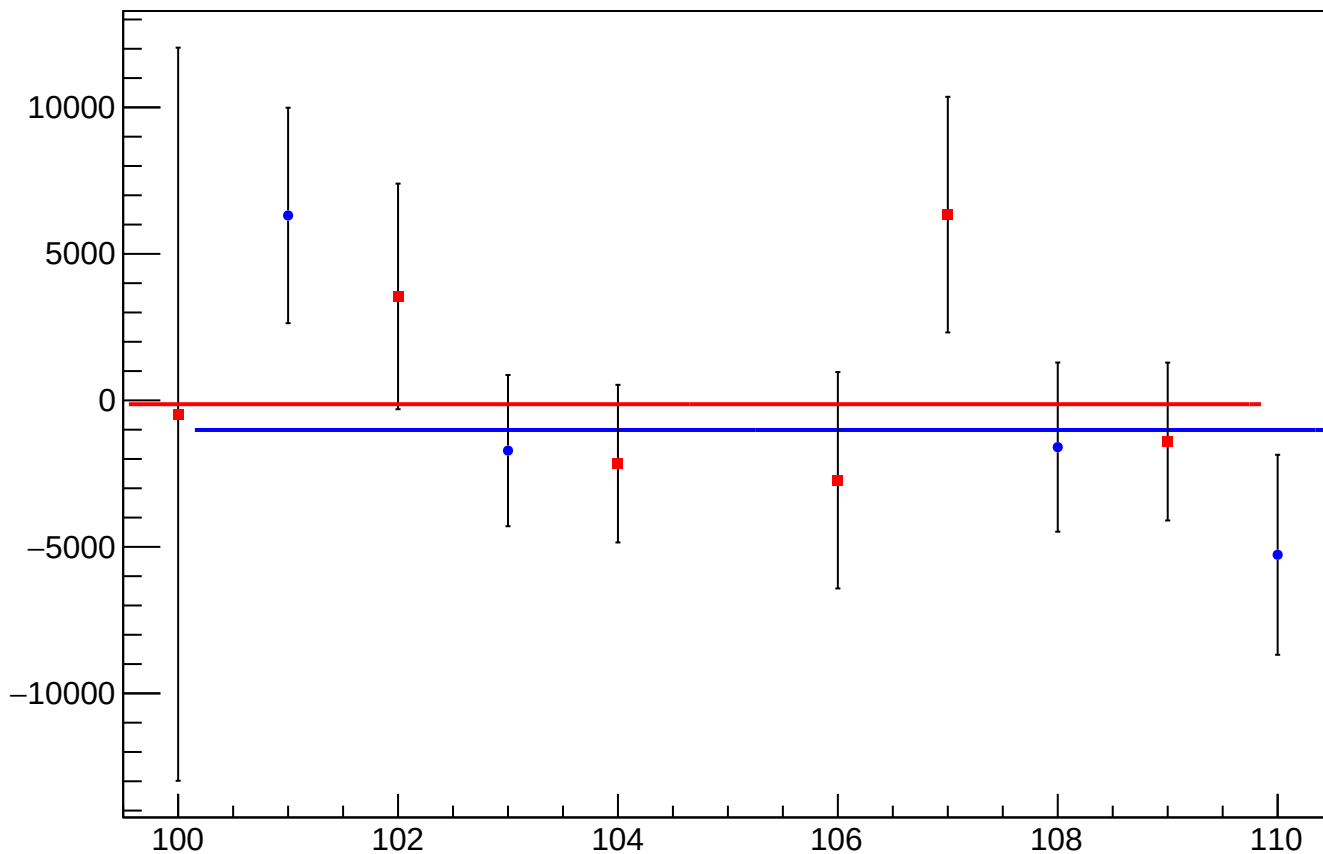
Right: 2202.720+/-0.784 χ^2/NDF : 460736.7/9

In: 2465.610+/-1.226 χ^2/NDF : 16692.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2202.720+/-0.784 χ^2/NDF : 460736.7/9

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1010.049+/-1525.109 χ^2/NDF : 5.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -130.838+/-1435.827 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

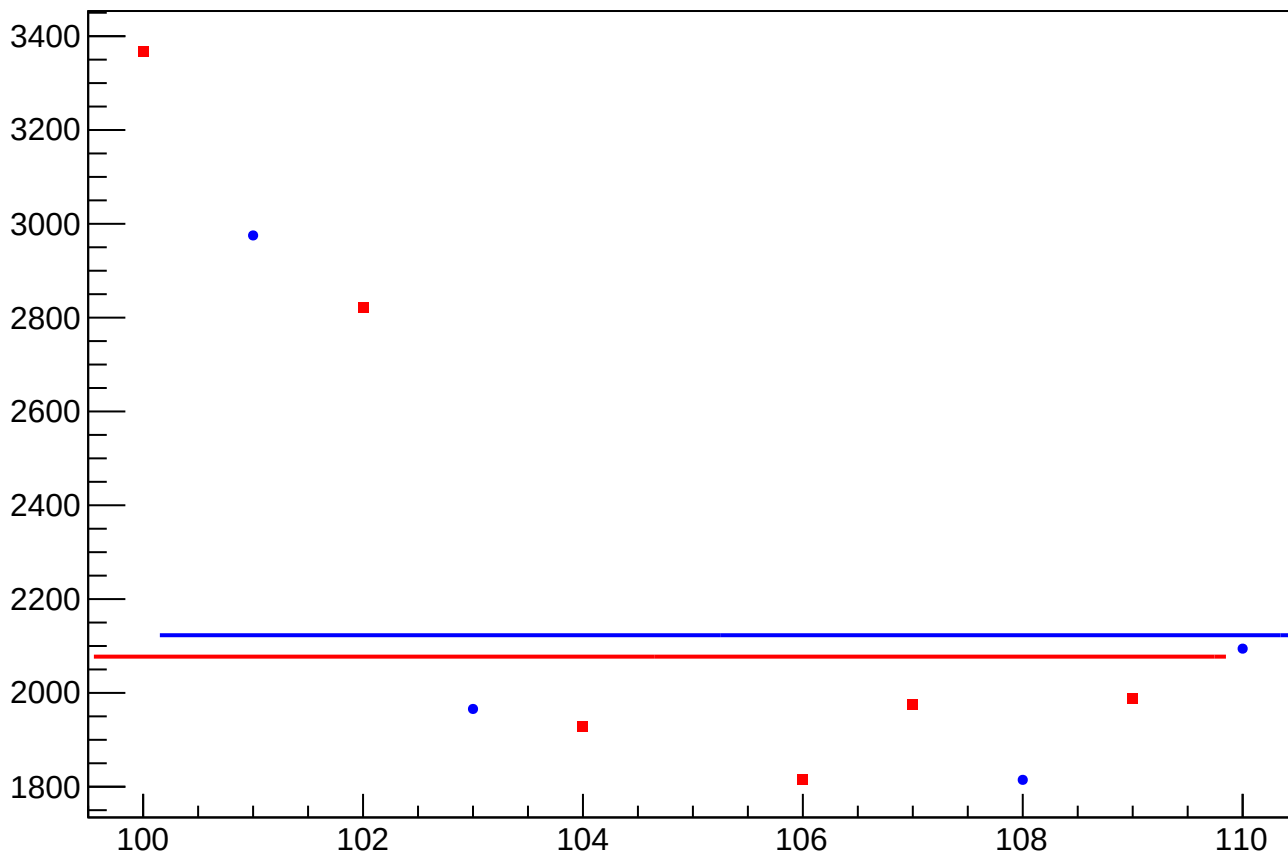
Right: -543.956+/-1045.422 χ^2/NDF : 10.6/9

In: -1010.049+/-1525.109 χ^2/NDF : 5.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -543.956+/-1045.422 χ^2/NDF : 10.6/9

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2122.963+/-1.078 χ^2/NDF : 137822.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2077.329+/-1.015 χ^2/NDF : 115625.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

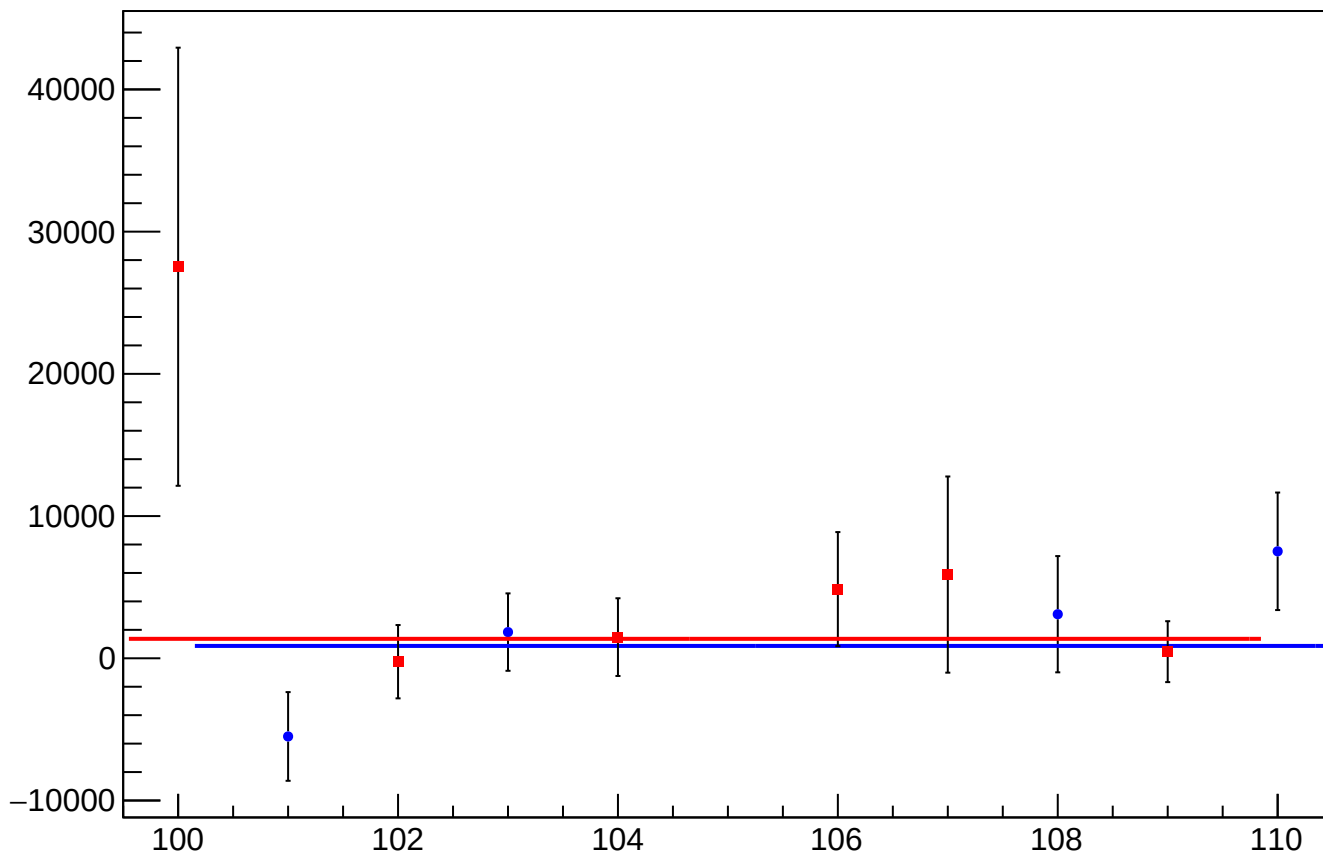
Right: 2098.771+/-0.739 χ^2/NDF : 254397.2/9

In: 2122.963+/-1.078 χ^2/NDF : 137822.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2098.771+/-0.739 χ^2/NDF : 254397.2/9

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 869.414+/-1675.380 χ^2/NDF : 7.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1368.303+/-1302.147 χ^2/NDF : 4.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

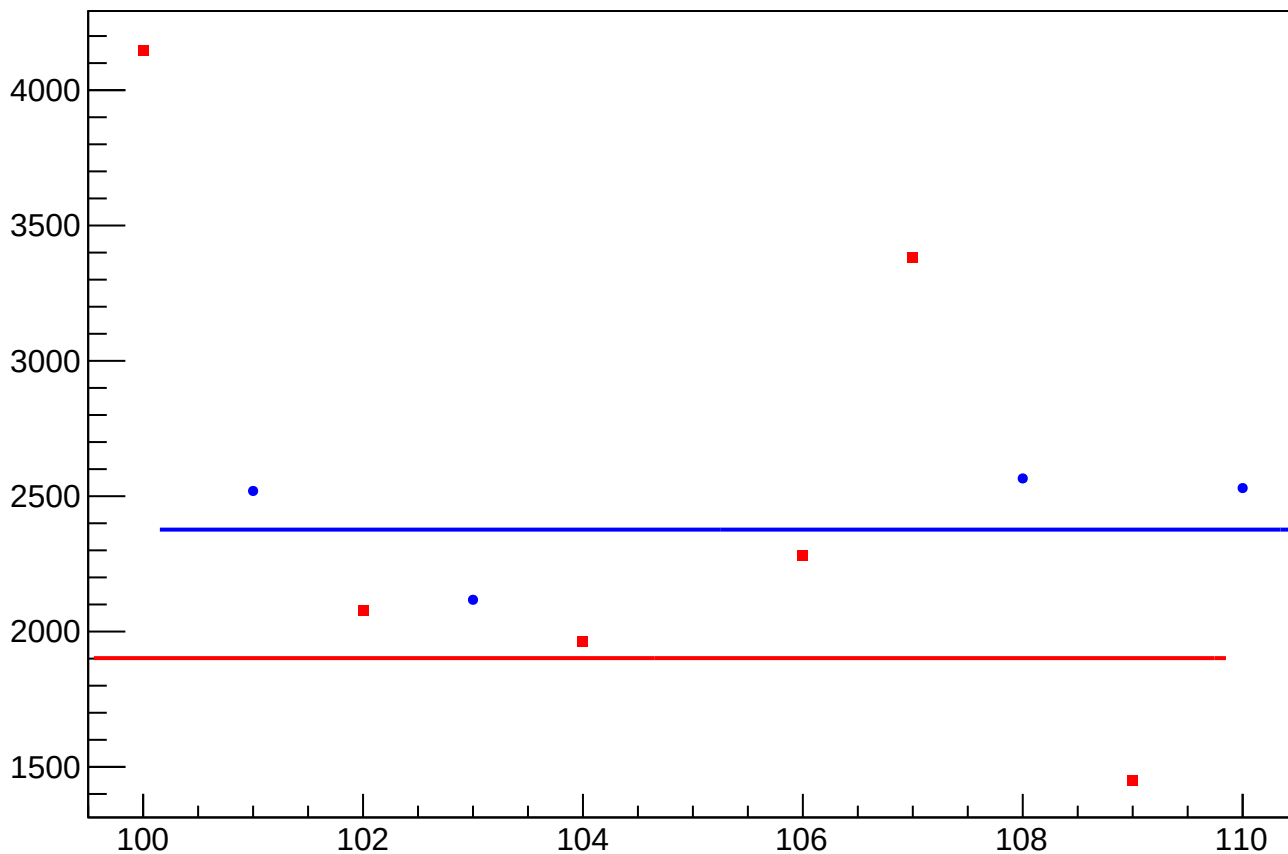
Right: 1180.427+/-1028.128 χ^2/NDF : 11.9/9

In: 869.414+/-1675.380 χ^2/NDF : 7.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1180.427+/-1028.128 χ^2/NDF : 11.9/9

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2376.582 $\pm$ 1.185 χ^2 /NDF: 29376.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1901.849 $\pm$ 0.921 χ^2 /NDF: 251406.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

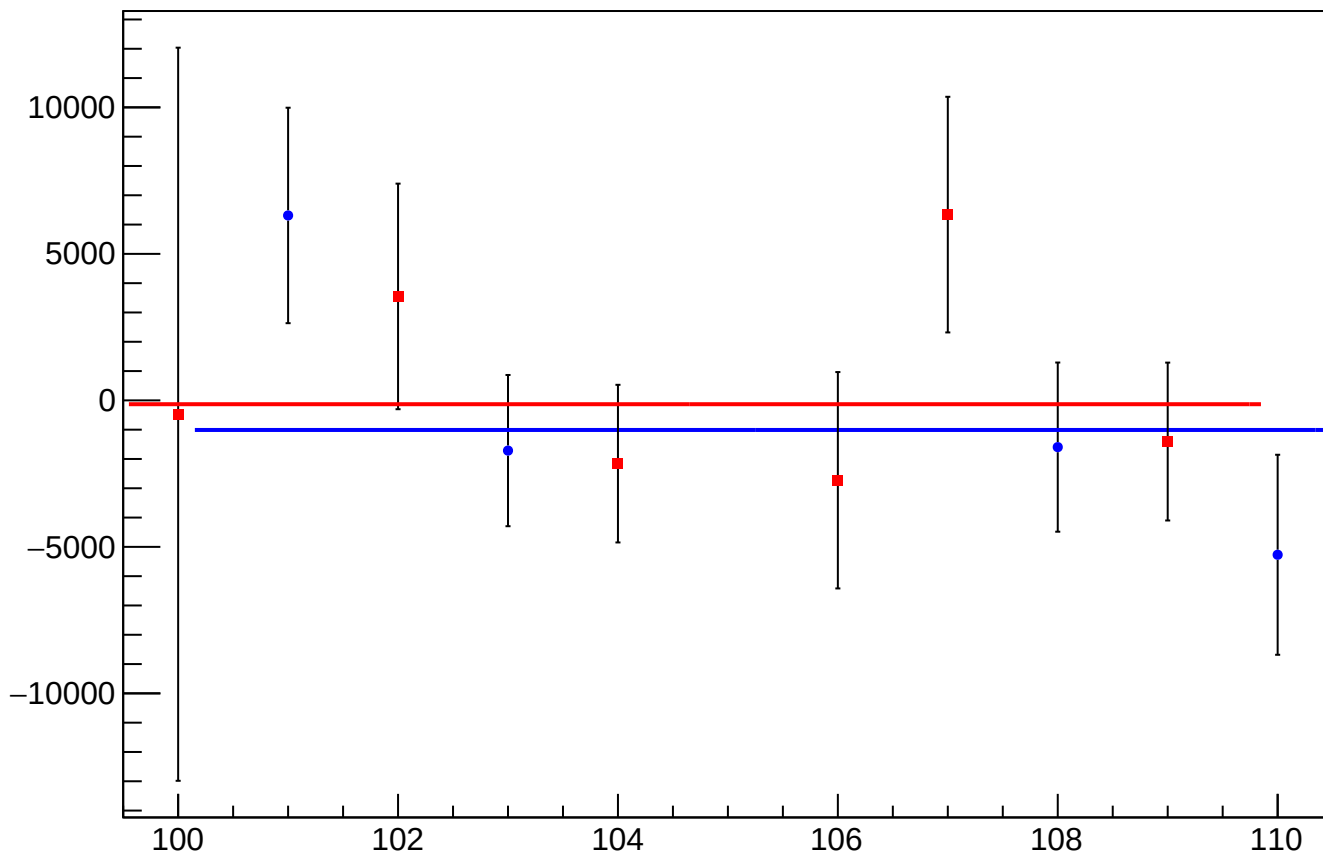
Right: 2080.628 $\pm$ 0.727 χ^2 /NDF: 380893.4/9

In: 2376.582 $\pm$ 1.185 χ^2 /NDF:29376.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2080.628 $\pm$ 0.727 χ^2 /NDF: 380893.4/9

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1010.040+/-1525.109 χ^2/NDF : 5.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -130.838+/-1435.827 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

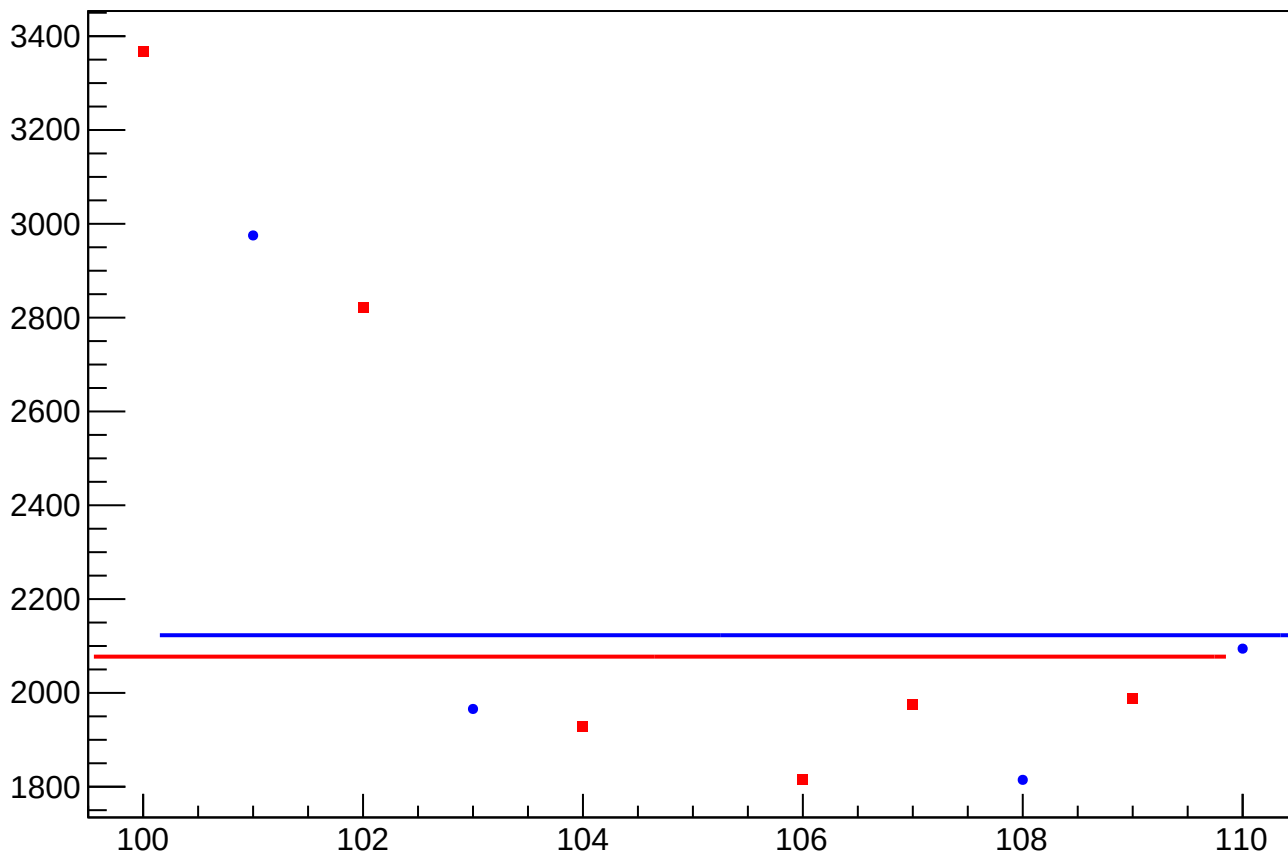
Right: -543.952+/-1045.422 χ^2/NDF : 10.6/9

In: -1010.040+/-1525.109 χ^2/NDF : 5.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -543.952+/-1045.422 χ^2/NDF : 10.6/9

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2122.963+/-1.078 χ^2/NDF : 137822.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2077.329+/-1.015 χ^2/NDF : 115625.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

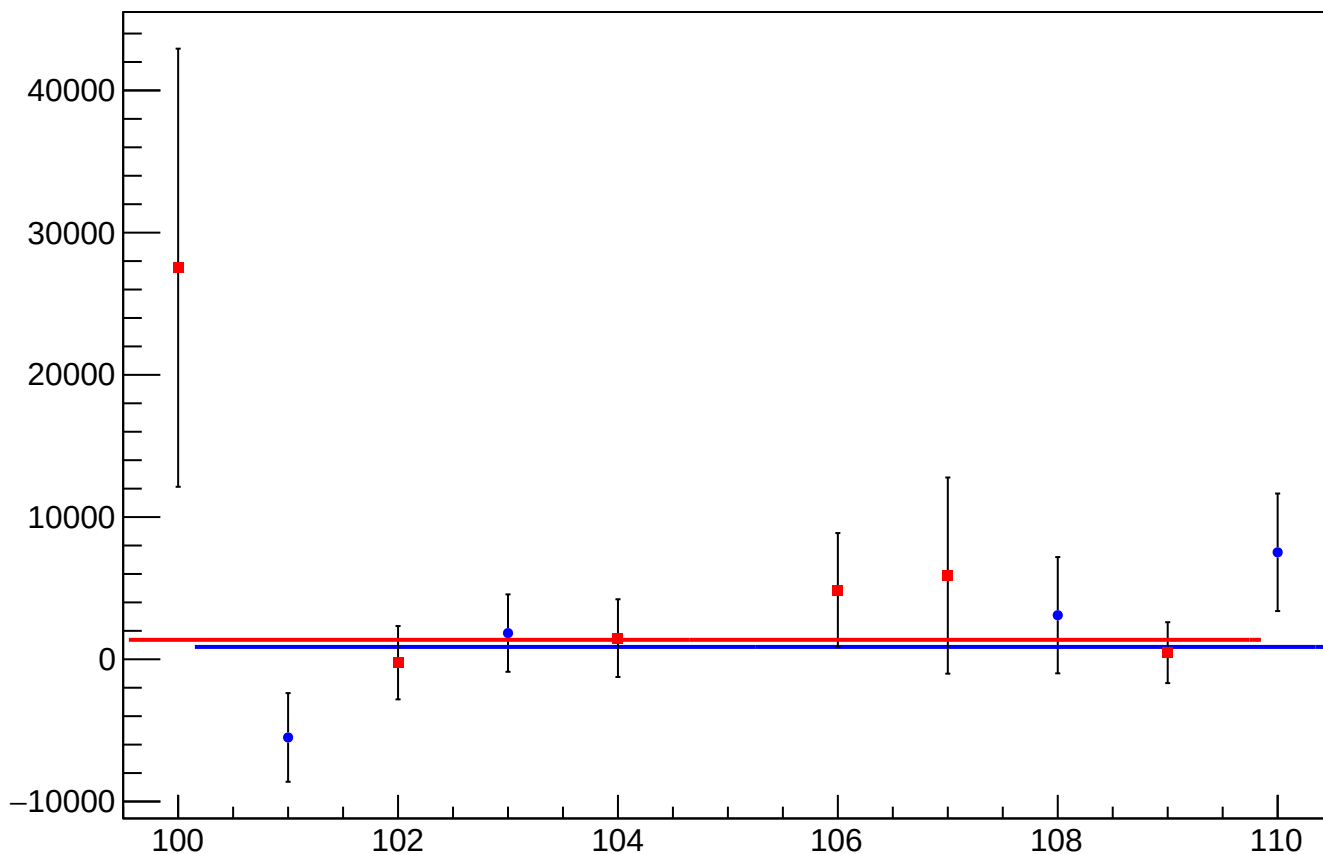
Right: 2098.771+/-0.739 χ^2/NDF : 254397.1/9

In: 2122.963+/-1.078 χ^2/NDF : 137822.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2098.771+/-0.739 χ^2/NDF : 254397.1/9

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 869.410+/-1675.377 χ^2/NDF : 7.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1368.309+/-1302.150 χ^2/NDF : 4.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

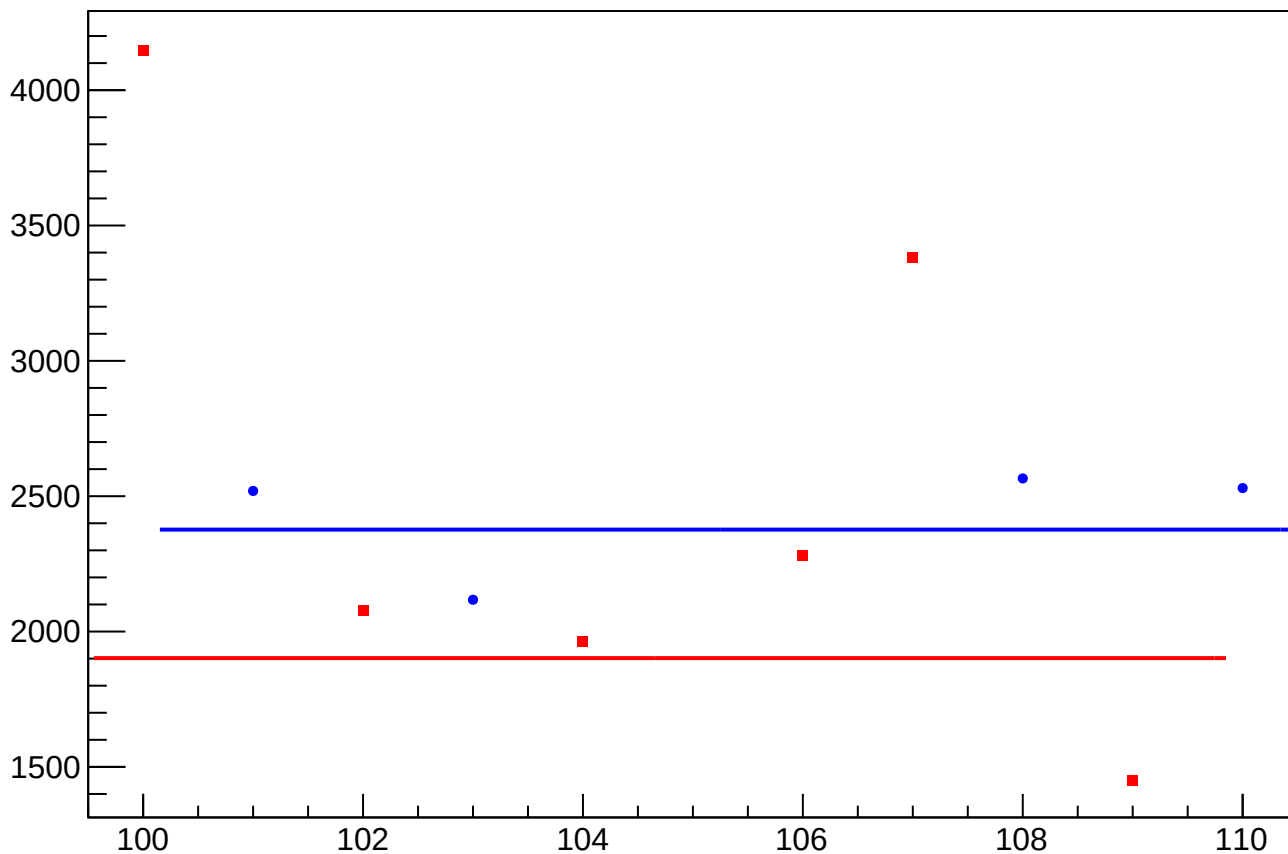
Right: 1180.428+/-1028.129 χ^2/NDF : 11.9/9

In: 869.410+/-1675.377 χ^2/NDF : 7.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1180.428+/-1028.129 χ^2/NDF : 11.9/9

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2376.579+/-1.185 χ^2/NDF : 29374.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1901.857+/-0.921 χ^2/NDF : 251400.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

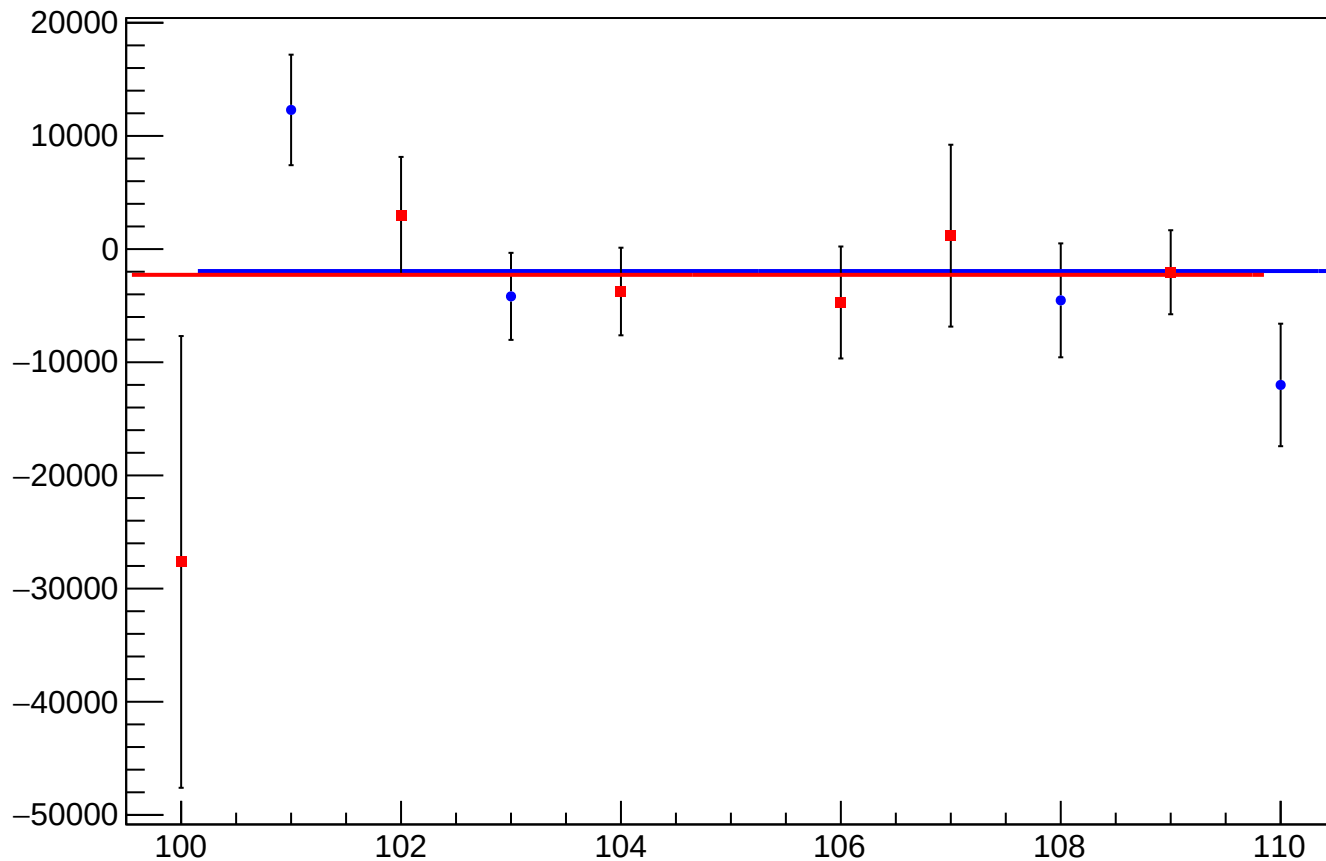
Right: 2080.633+/-0.727 χ^2/NDF : 380880.3/9

In: 2376.579+/-1.185 χ^2/NDF : 29374.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2080.633+/-0.727 χ^2/NDF : 380880.3/9

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1938.950+/-2336.605 χ^2 /NDF: 12.6/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2274.353+/-2062.924 χ^2 /NDF: 3.2/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

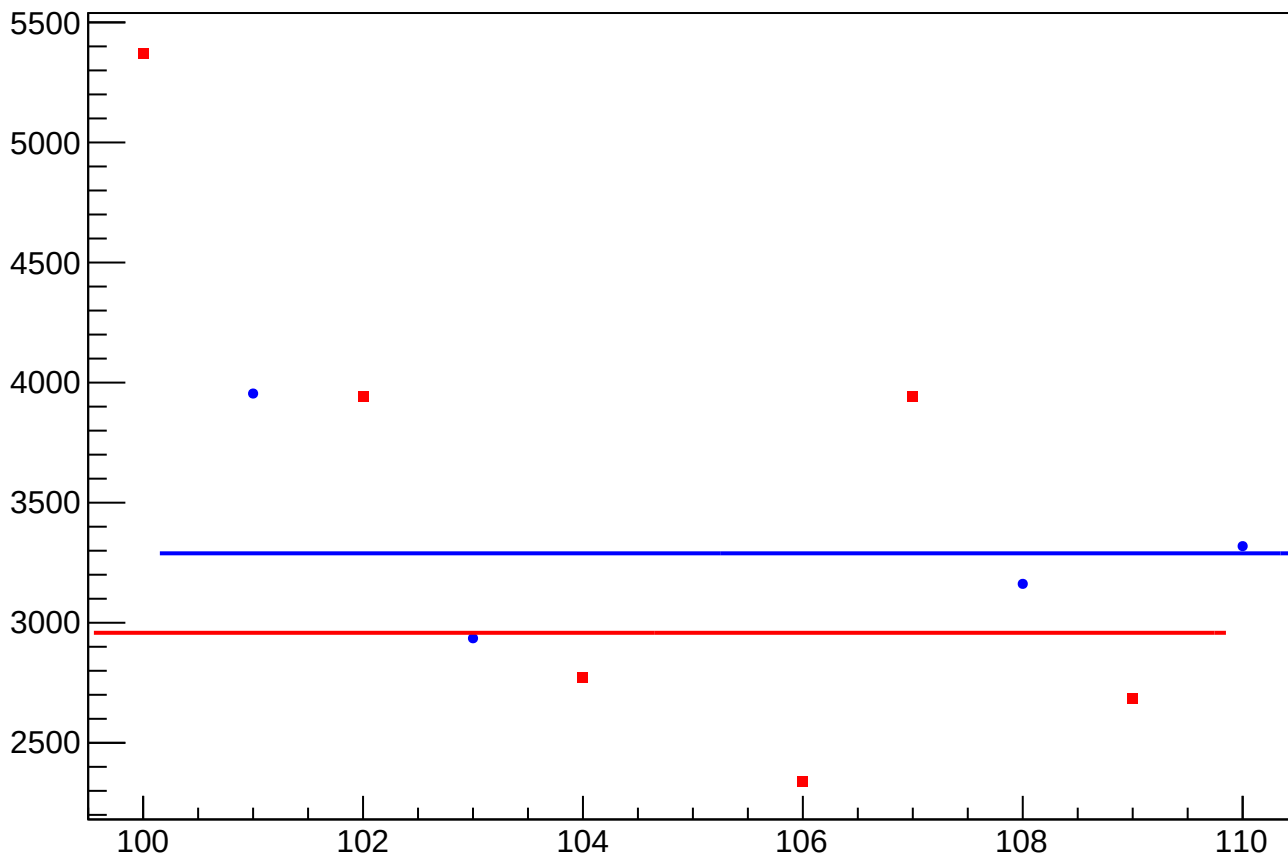
Right: -2127.435+/-1546.460 χ^2 /NDF: 15.8/9

In: -1938.950+/-2336.605 χ^2 /NDF:12.6/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2127.435+/-1546.460 χ^2 /NDF: 15.8/9

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3289.104+/-1.652 χ^2/NDF : 55389.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2958.165+/-1.459 χ^2/NDF : 177627.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

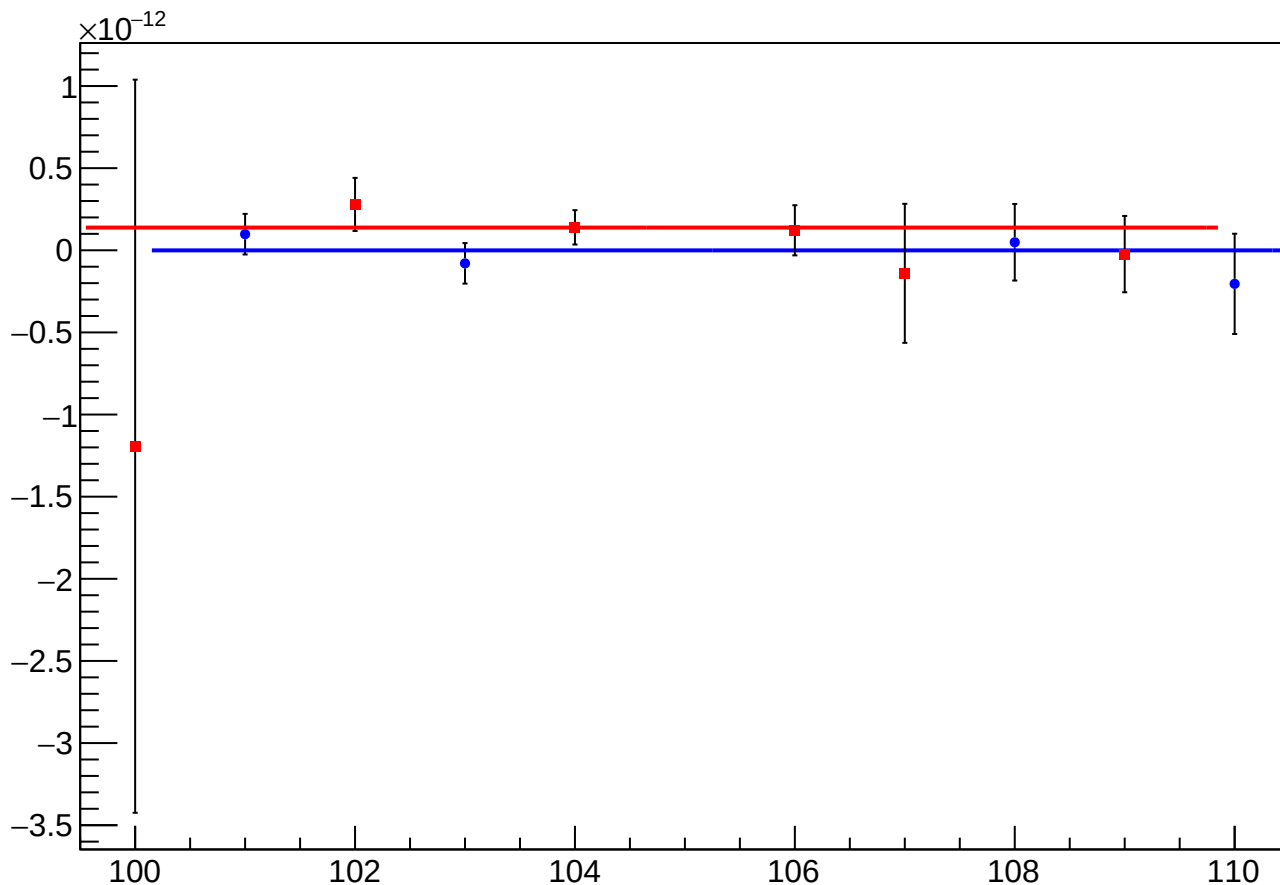
Right: 3103.121+/-1.093 χ^2/NDF : 255564.0/9

In: 3289.104+/-1.652 χ^2/NDF : 55389.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3103.121+/-1.093 χ^2/NDF : 255564.0/9

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

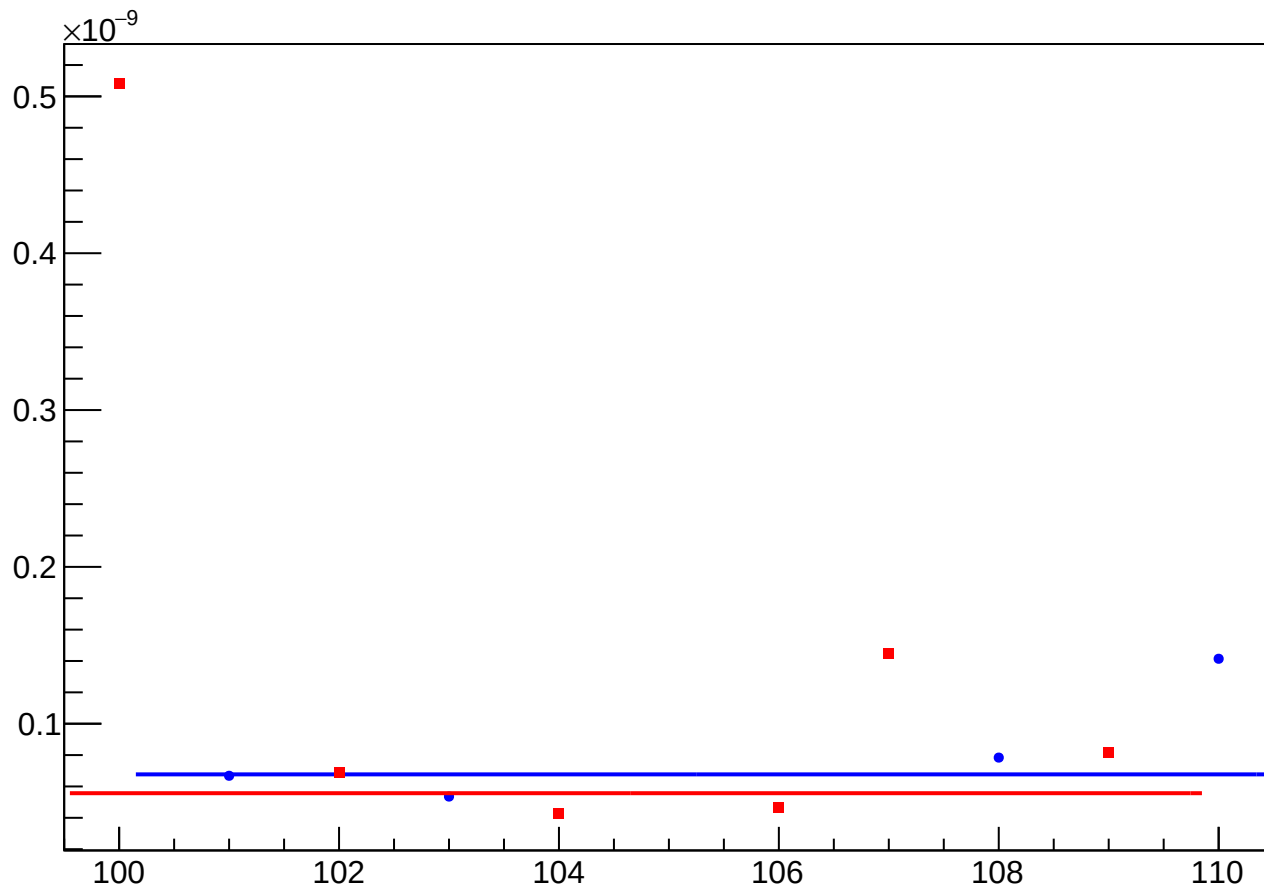
Right: 0.000+/-0.000 χ^2/NDF : 5.3/9

In: -0.000+/-0.000 χ^2/NDF : 1.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.3/9

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 147350.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 248578.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

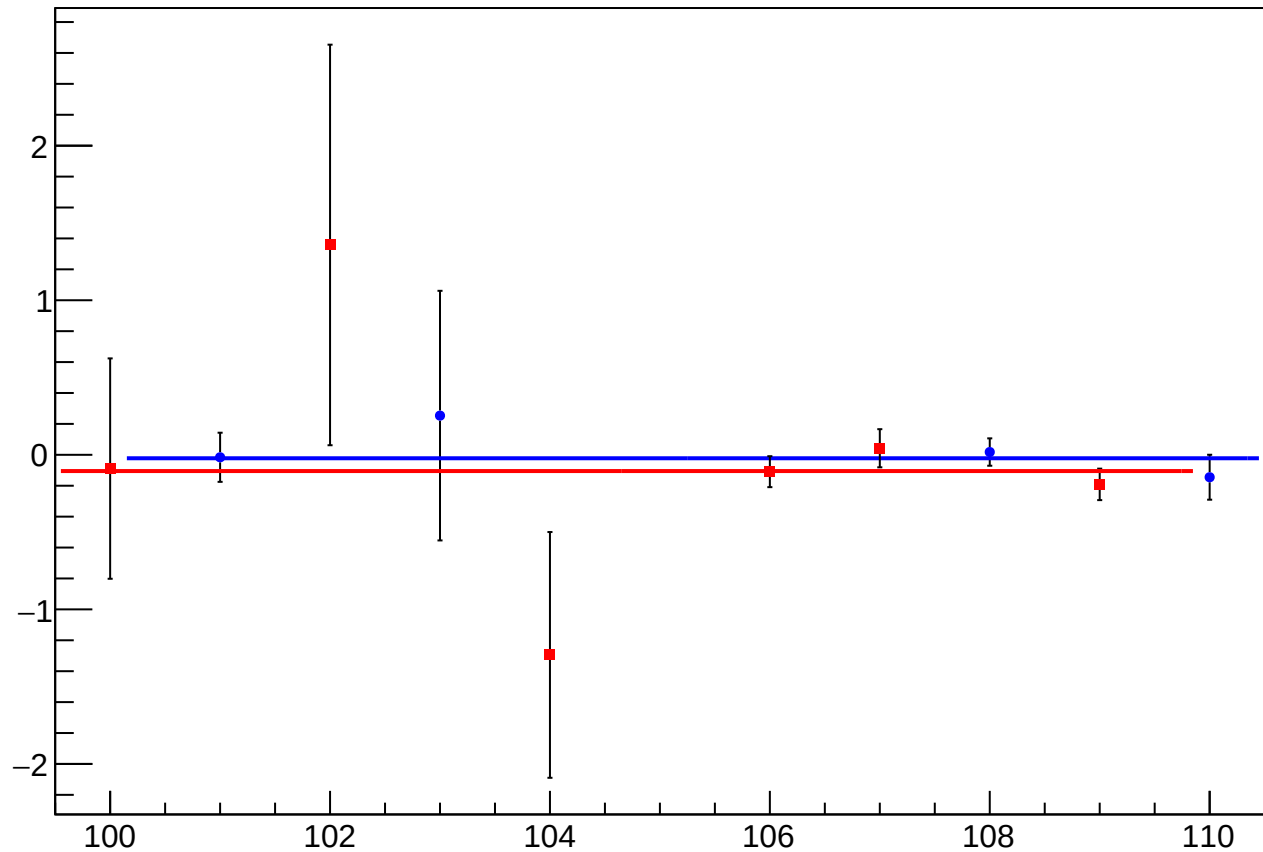
Right: 0.000+/-0.000 χ^2/NDF : 421408.7/9

In: 0.000+/-0.000 χ^2/NDF : 147350.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 421408.7/9

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.068 χ^2 /NDF: 1.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.105 $\pm$ 0.061 χ^2 /NDF: 5.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

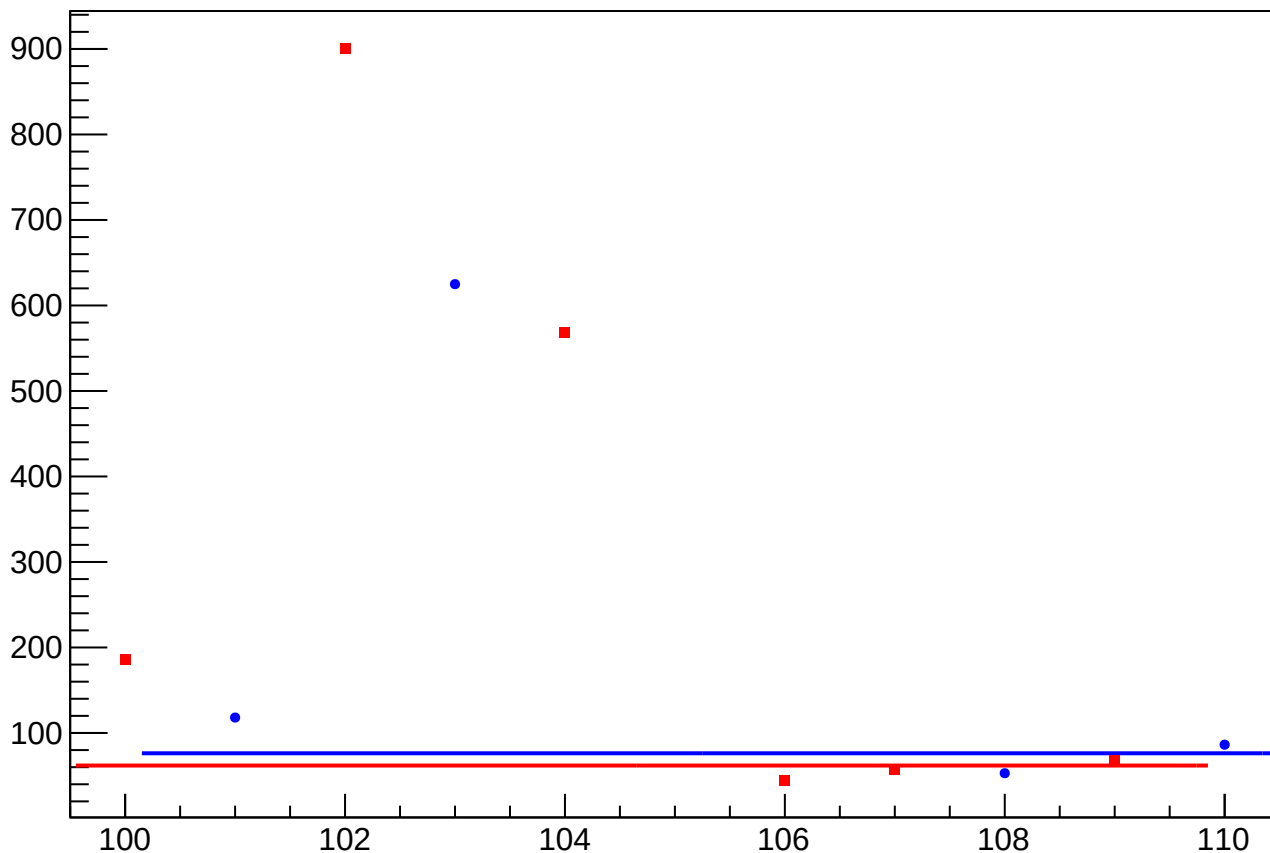
Right: -0.068 $\pm$ 0.046 χ^2 /NDF: 7.5/9

In: -0.022 $\pm$ 0.068 χ^2 /NDF:1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.068 $\pm$ 0.046 χ^2 /NDF: 7.5/9

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 76.250+/-0.048 χ^2/NDF : 1210098.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.915+/-0.043 χ^2/NDF : 1785639.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

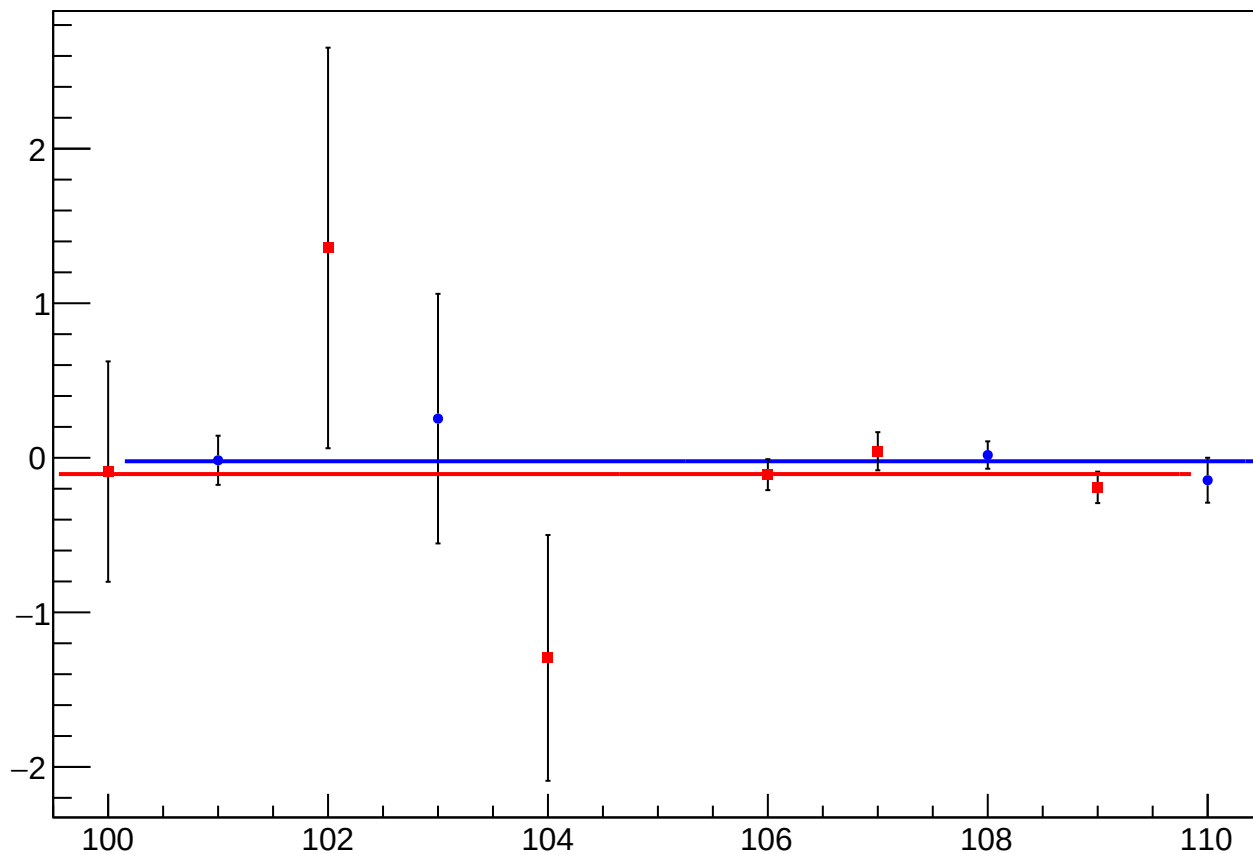
Right: 68.336+/-0.032 χ^2/NDF : 3044722.6/9

In: 76.250+/-0.048 χ^2/NDF : 1210098.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.336+/-0.032 χ^2/NDF : 3044722.6/9

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.068 χ^2 /NDF: 1.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.105 $\pm$ 0.061 χ^2 /NDF: 5.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

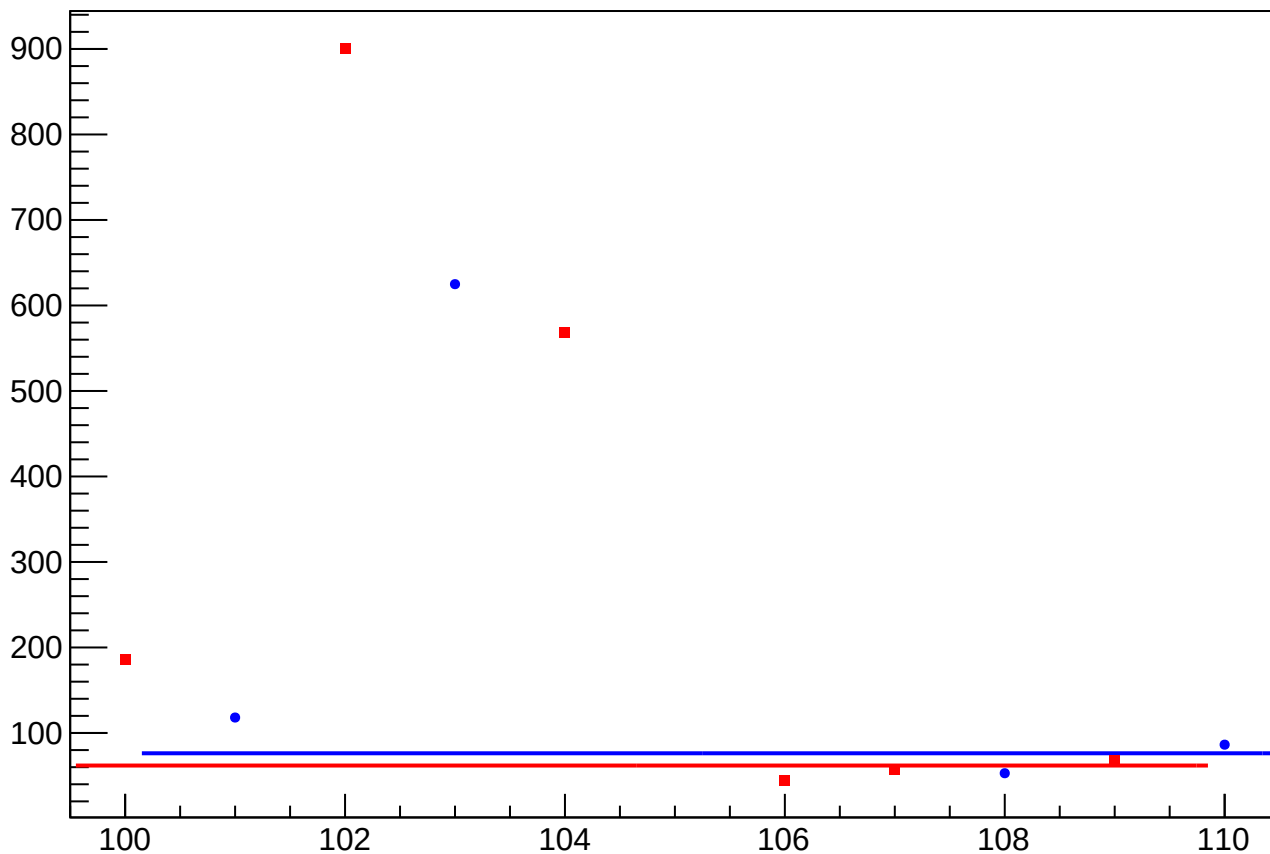
Right: -0.068 $\pm$ 0.046 χ^2 /NDF: 7.5/9

In: -0.022 $\pm$ 0.068 χ^2 /NDF:1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.068 $\pm$ 0.046 χ^2 /NDF: 7.5/9

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 76.250+/-0.048 χ^2/NDF : 1210098.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.915+/-0.043 χ^2/NDF : 1785639.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

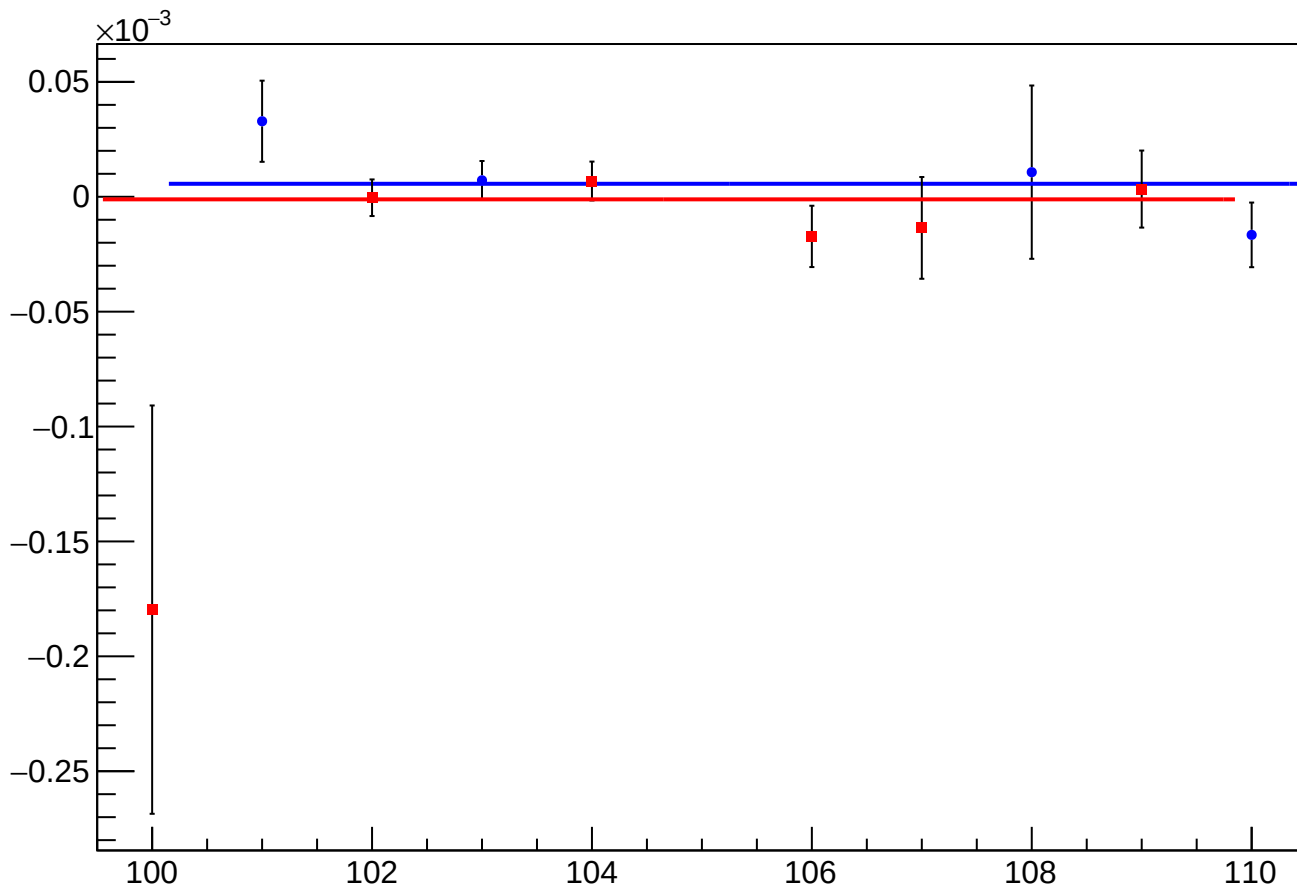
Right: 68.336+/-0.032 χ^2/NDF : 3044722.6/9

In: 76.250+/-0.048 χ^2/NDF : 1210098.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.336+/-0.032 χ^2/NDF : 3044722.6/9

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

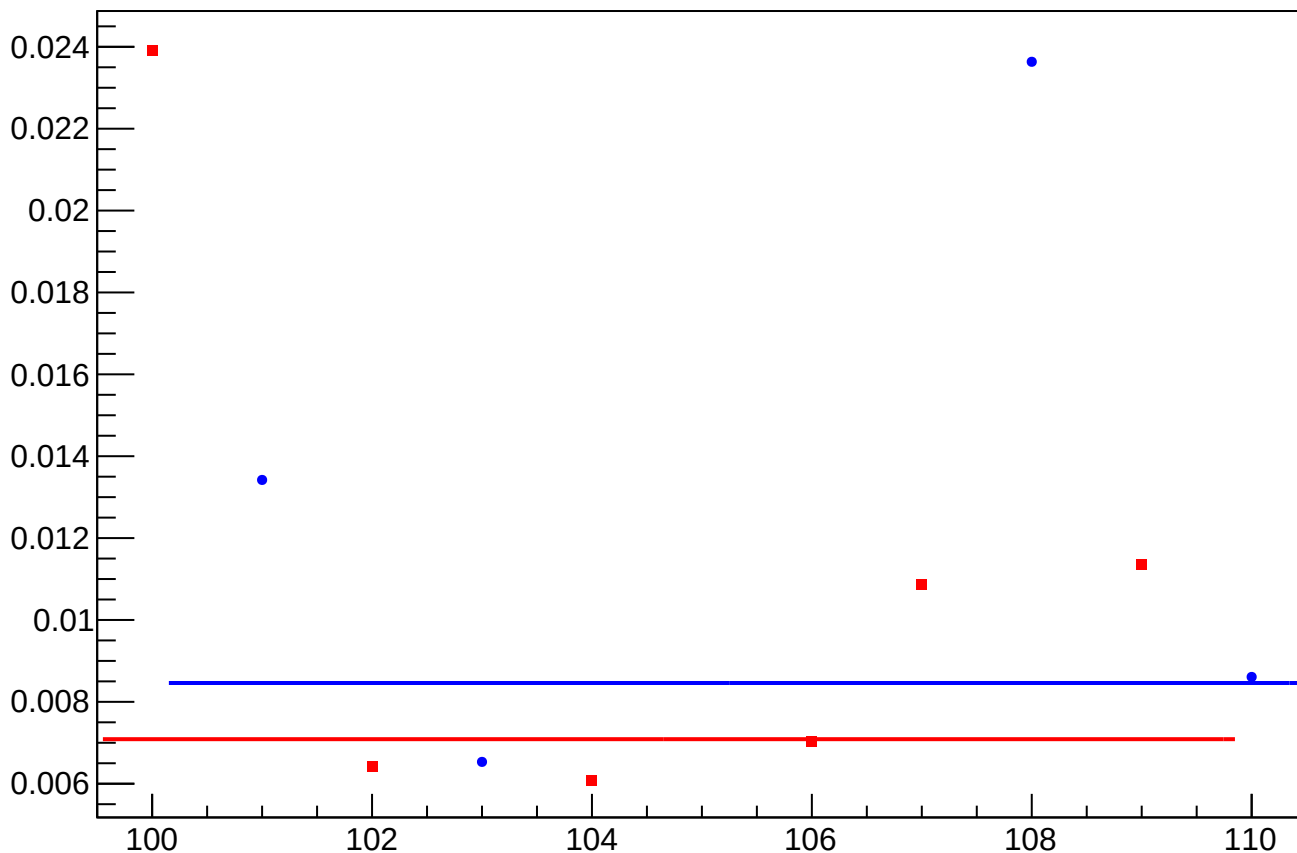
Right: 0.000+/-0.000 χ^2/NDF : 12.4/9

In: 0.000+/-0.000 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.4/9

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 587135.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 301926.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

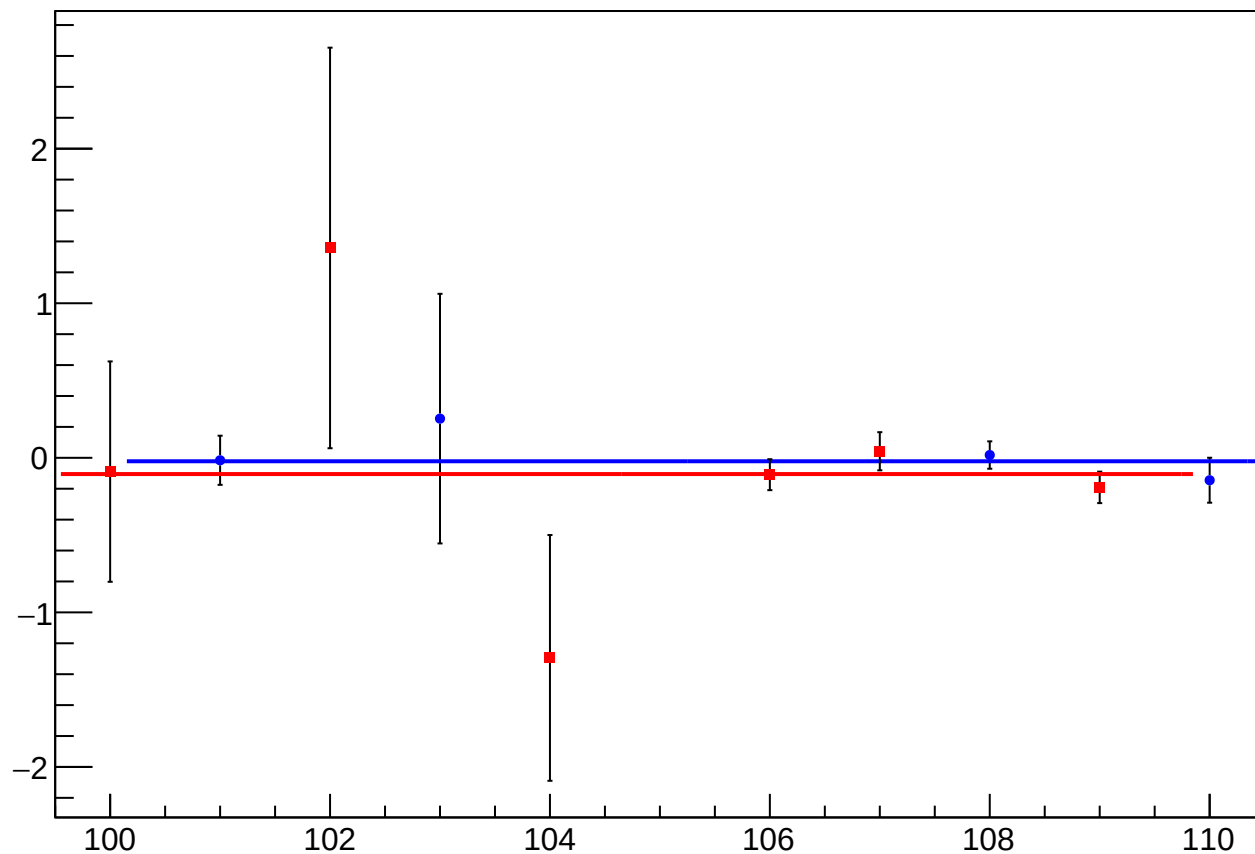
Right: 0.008+/-0.000 χ^2/NDF : 944820.1/9

In: 0.008+/-0.000 χ^2/NDF : 587135.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 944820.1/9

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.068 χ^2 /NDF: 1.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.105 $\pm$ 0.061 χ^2 /NDF: 5.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

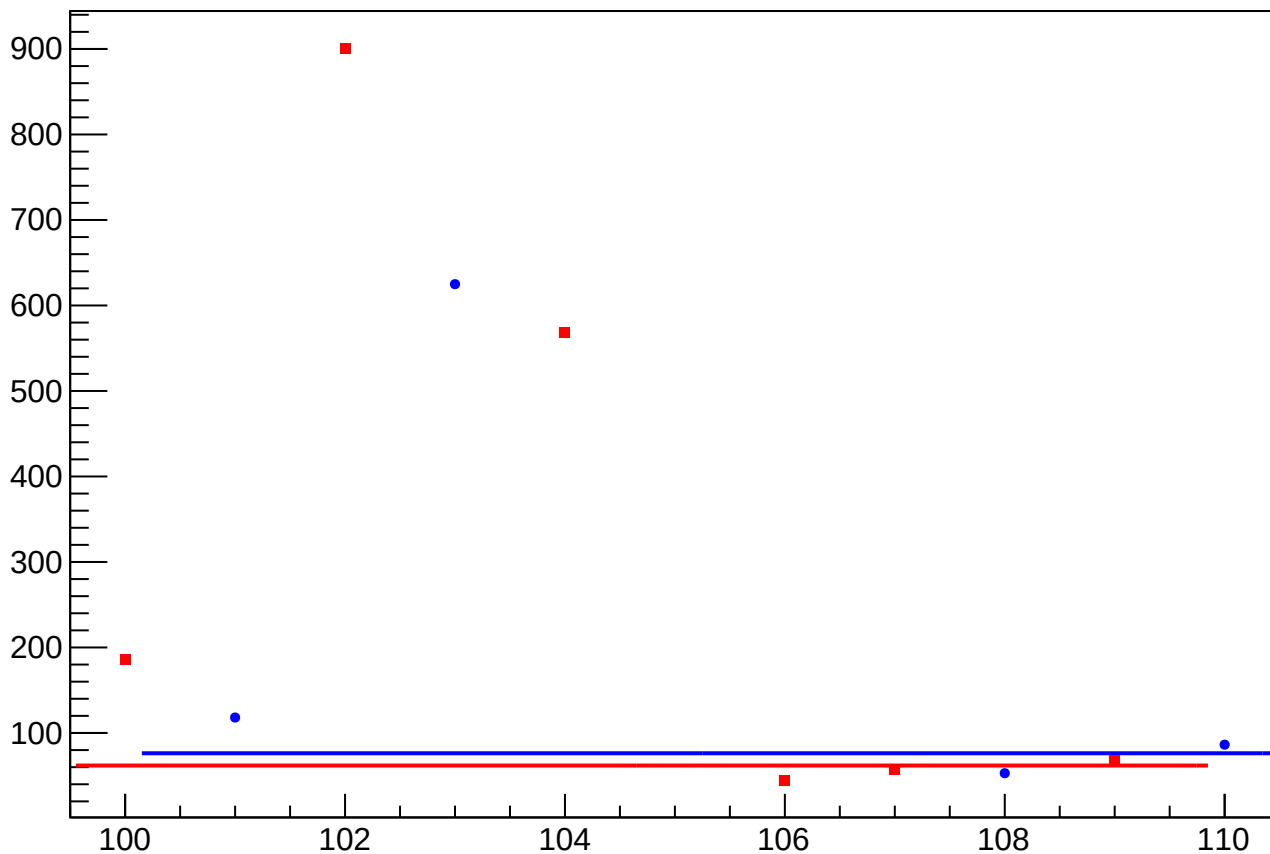
Right: -0.068 $\pm$ 0.046 χ^2 /NDF: 7.5/9

In: -0.022 $\pm$ 0.068 χ^2 /NDF:1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.068 $\pm$ 0.046 χ^2 /NDF: 7.5/9

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 76.259+/-0.048 χ^2/NDF : 1209980.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.915+/-0.043 χ^2/NDF : 1785644.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

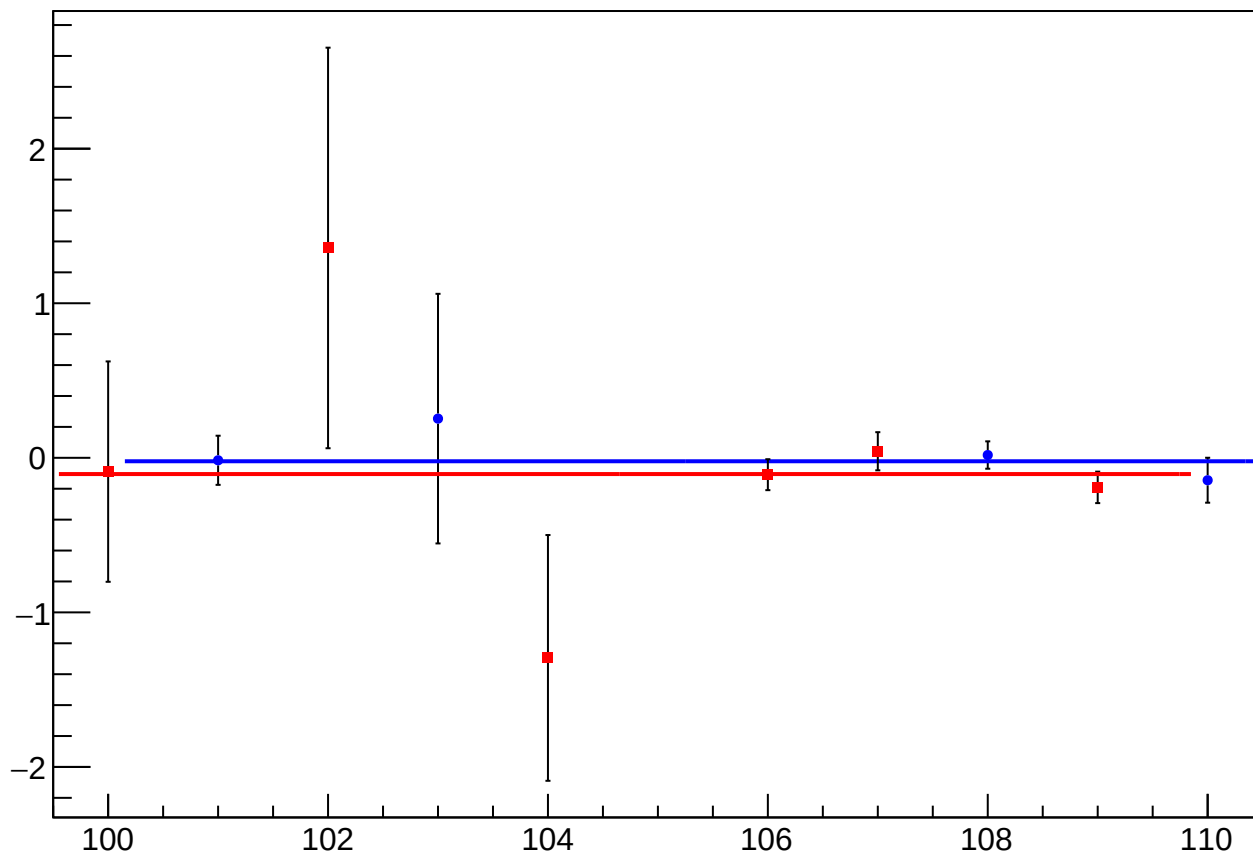
Right: 68.339+/-0.032 χ^2/NDF : 3044667.1/9

In: 76.259+/-0.048 χ^2/NDF : 1209980.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.339+/-0.032 χ^2/NDF : 3044667.1/9

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.068 χ^2 /NDF: 1.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.105 $\pm$ 0.061 χ^2 /NDF: 5.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

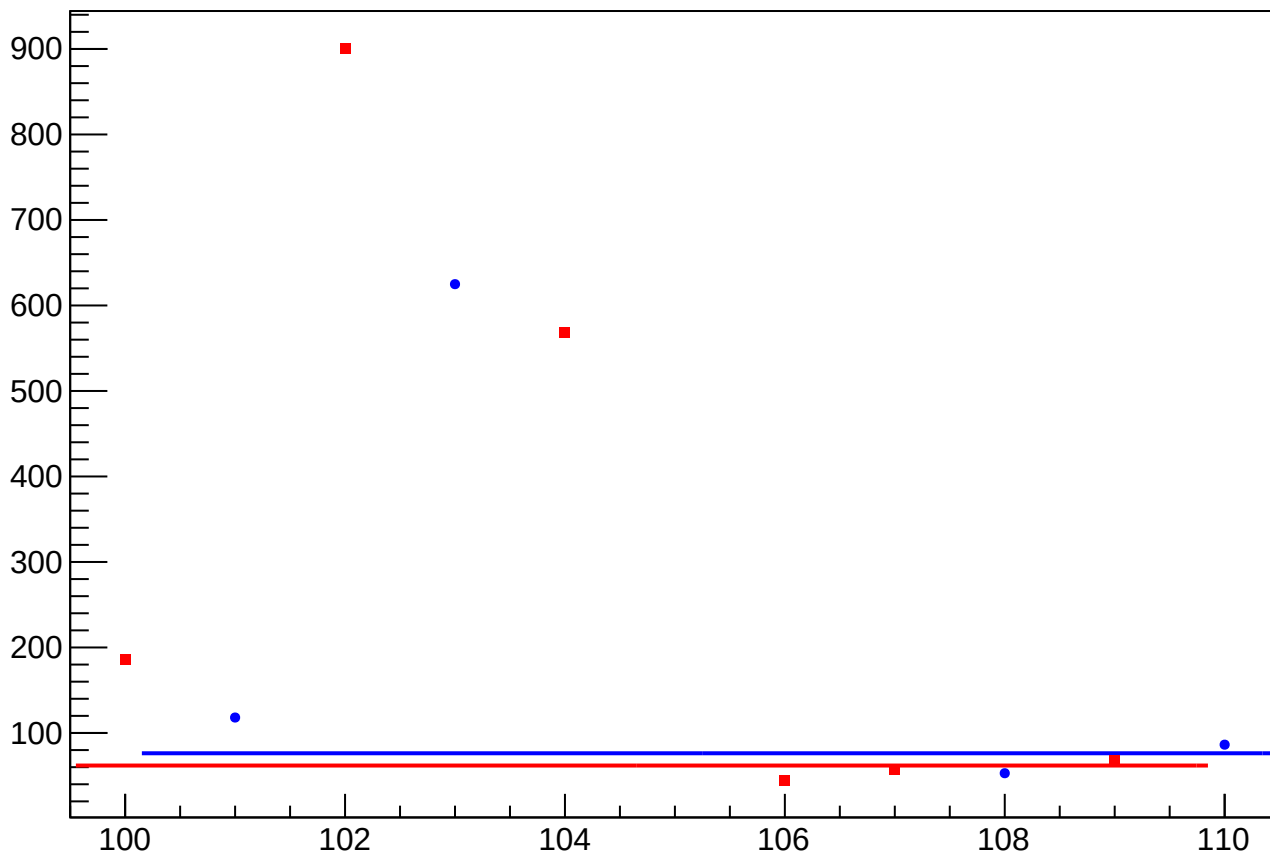
Right: -0.068 $\pm$ 0.046 χ^2 /NDF: 7.5/9

In: -0.022 $\pm$ 0.068 χ^2 /NDF:1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.068 $\pm$ 0.046 χ^2 /NDF: 7.5/9

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 76.259+/-0.048 χ^2/NDF : 1209980.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.915+/-0.043 χ^2/NDF : 1785644.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

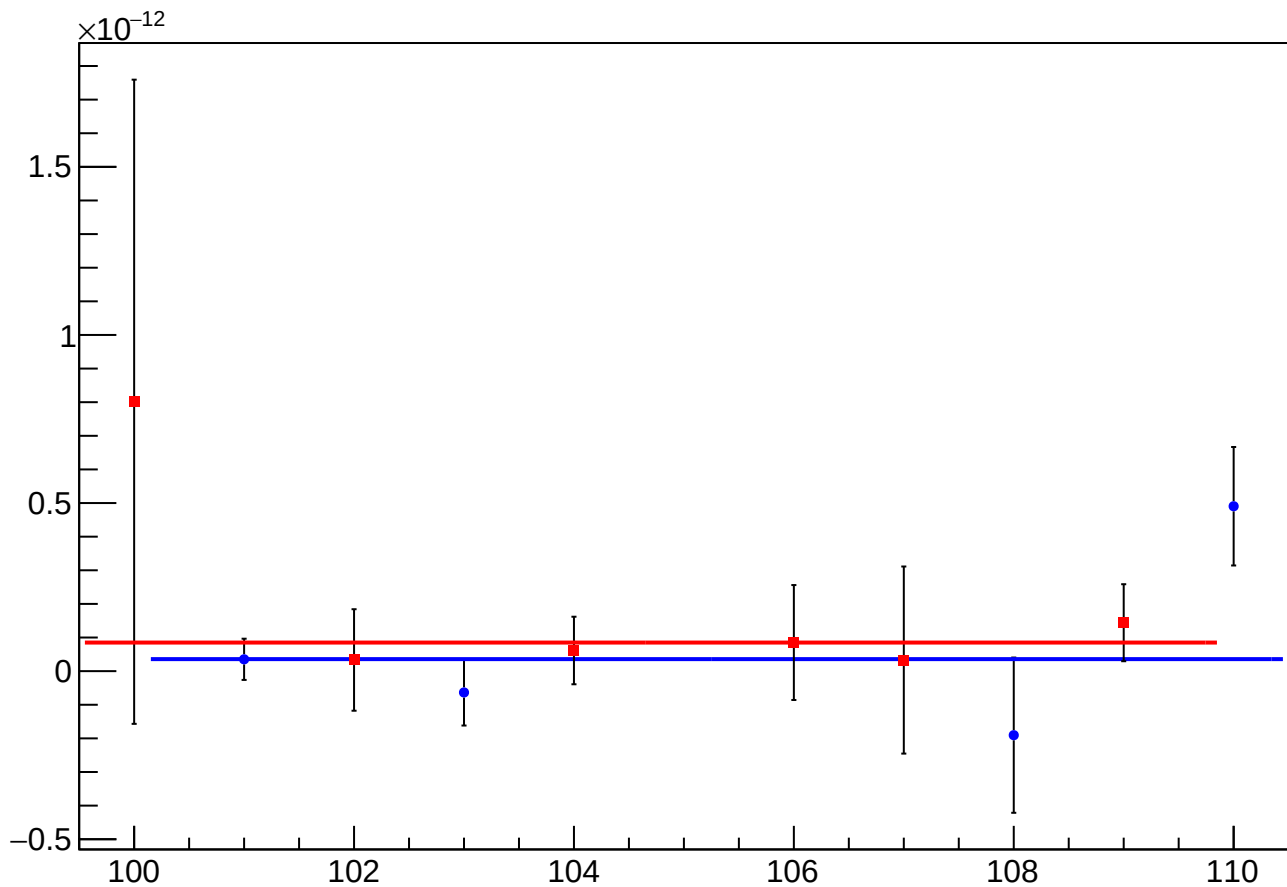
Right: 68.339+/-0.032 χ^2/NDF : 3044667.1/9

In: 76.259+/-0.048 χ^2/NDF : 1209980.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.339+/-0.032 χ^2/NDF : 3044667.1/9

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

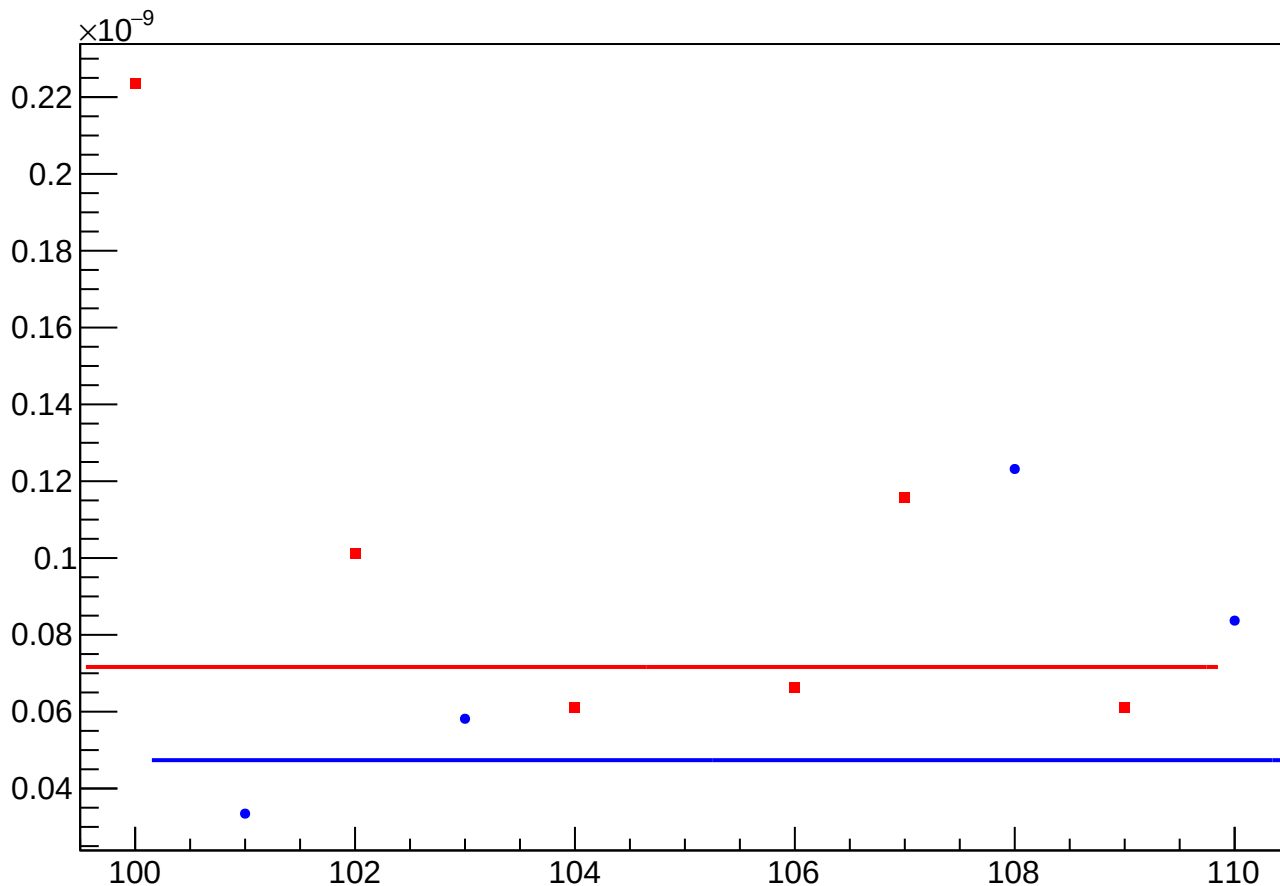
Right: 0.000+/-0.000 χ^2/NDF : 10.1/9

In: 0.000+/-0.000 χ^2/NDF : 8.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.1/9

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 427751.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 217543.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

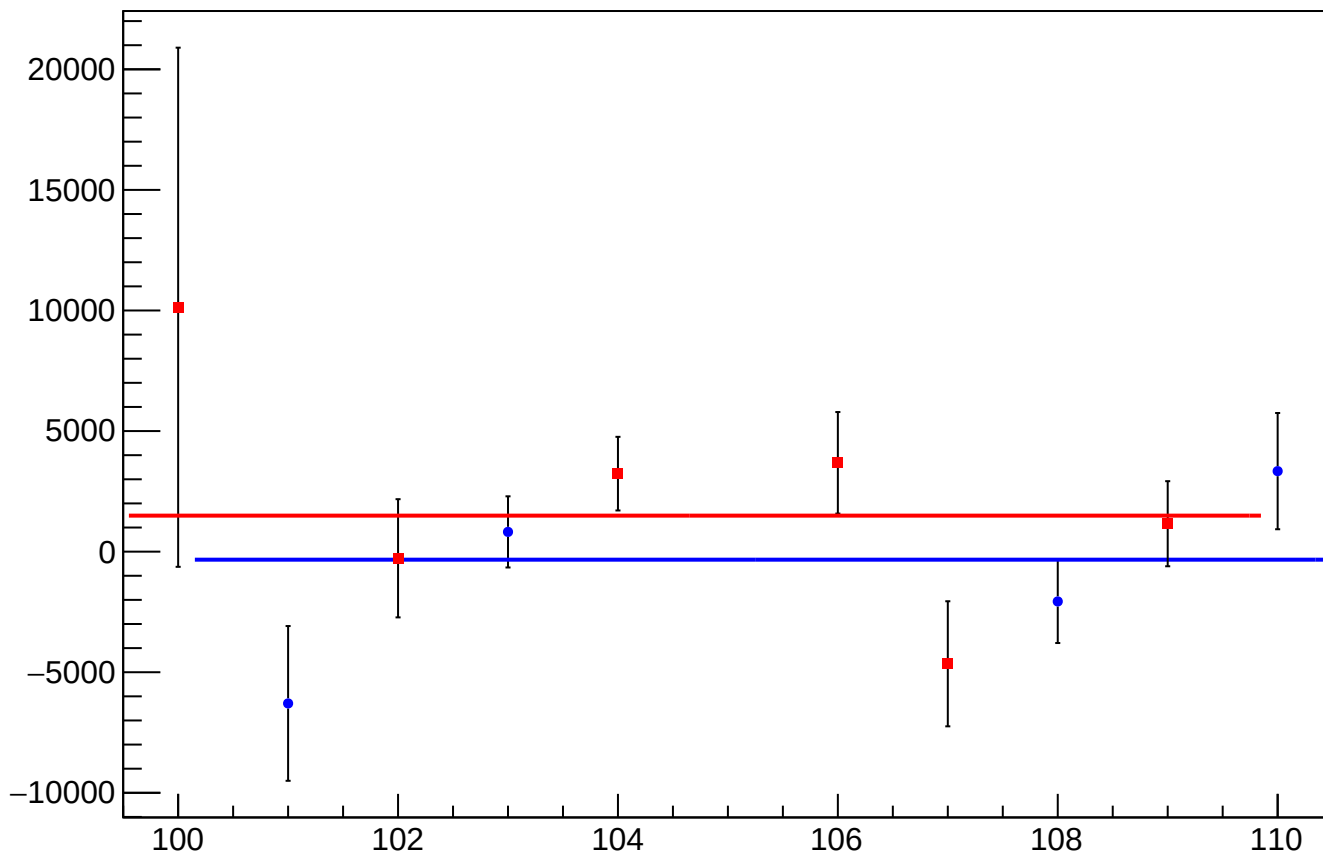
Right: 0.000+/-0.000 χ^2/NDF : 837743.0/9

In: 0.000+/-0.000 χ^2/NDF : 427751.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 837743.0/9

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -333.043+/-968.978 χ^2/NDF : 7.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1493.359+/-877.121 χ^2/NDF : 9.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

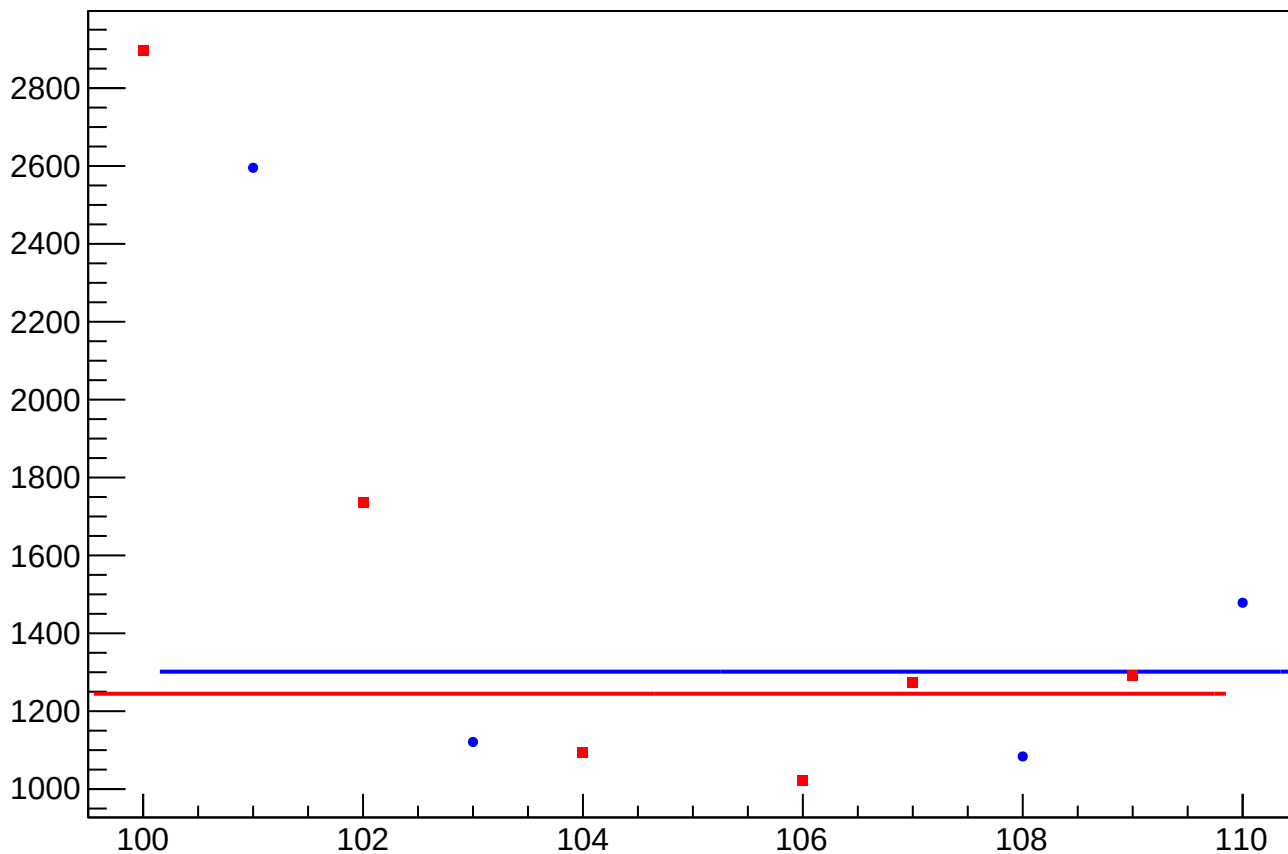
Right: 670.811+/-650.274 χ^2/NDF : 18.5/9

In: -333.043+/-968.978 χ^2/NDF : 7.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.811+/-650.274 χ^2/NDF : 18.5/9

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1301.497+/-0.685 χ^2/NDF : 397827.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1244.843+/-0.620 χ^2/NDF : 170751.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

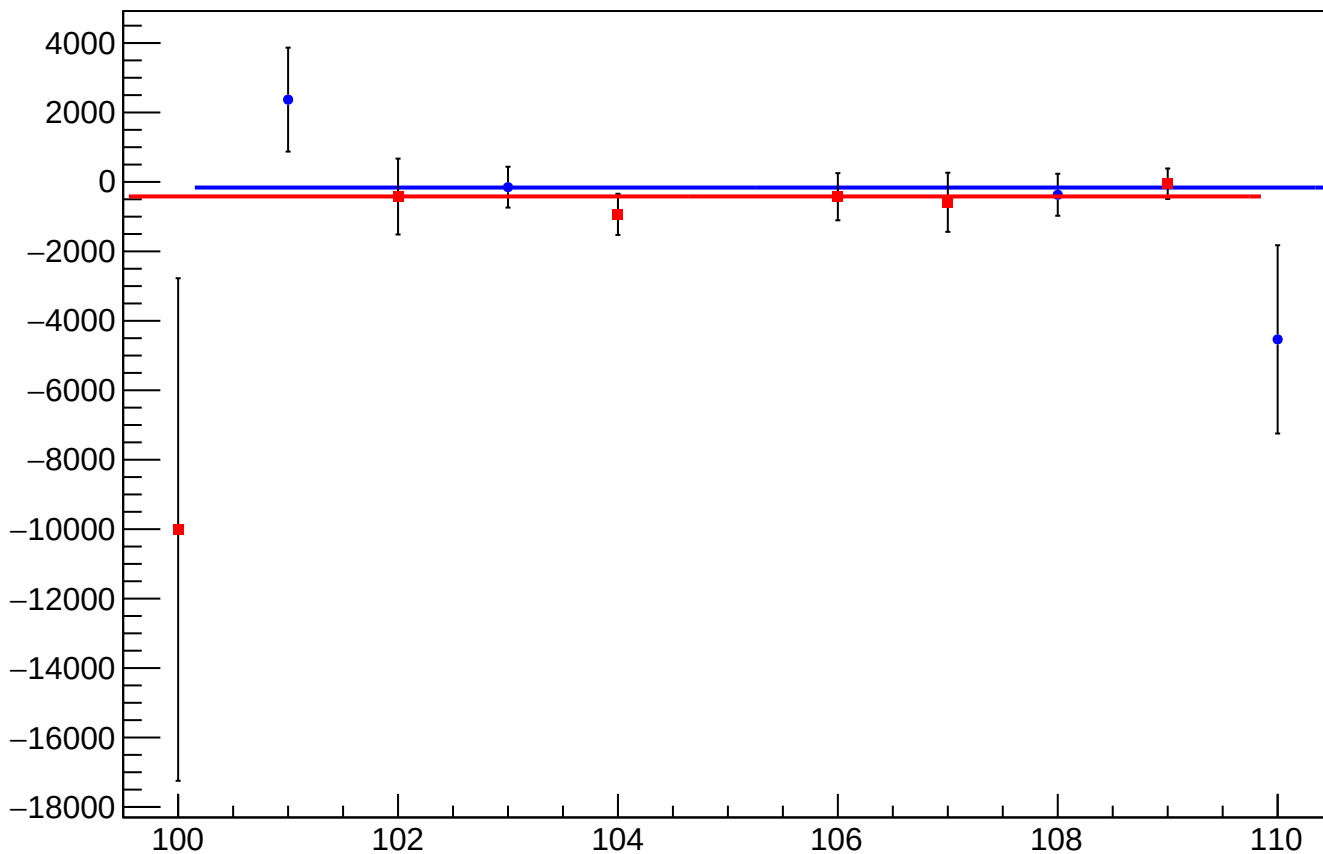
Right: 1270.358+/-0.460 χ^2/NDF : 572336.2/9

In: 1301.497+/-0.685 χ^2/NDF : 397827.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1270.358+/-0.460 χ^2/NDF : 572336.2/9

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -161.796+/-401.313 χ^2/NDF : 5.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -417.951+/-283.436 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

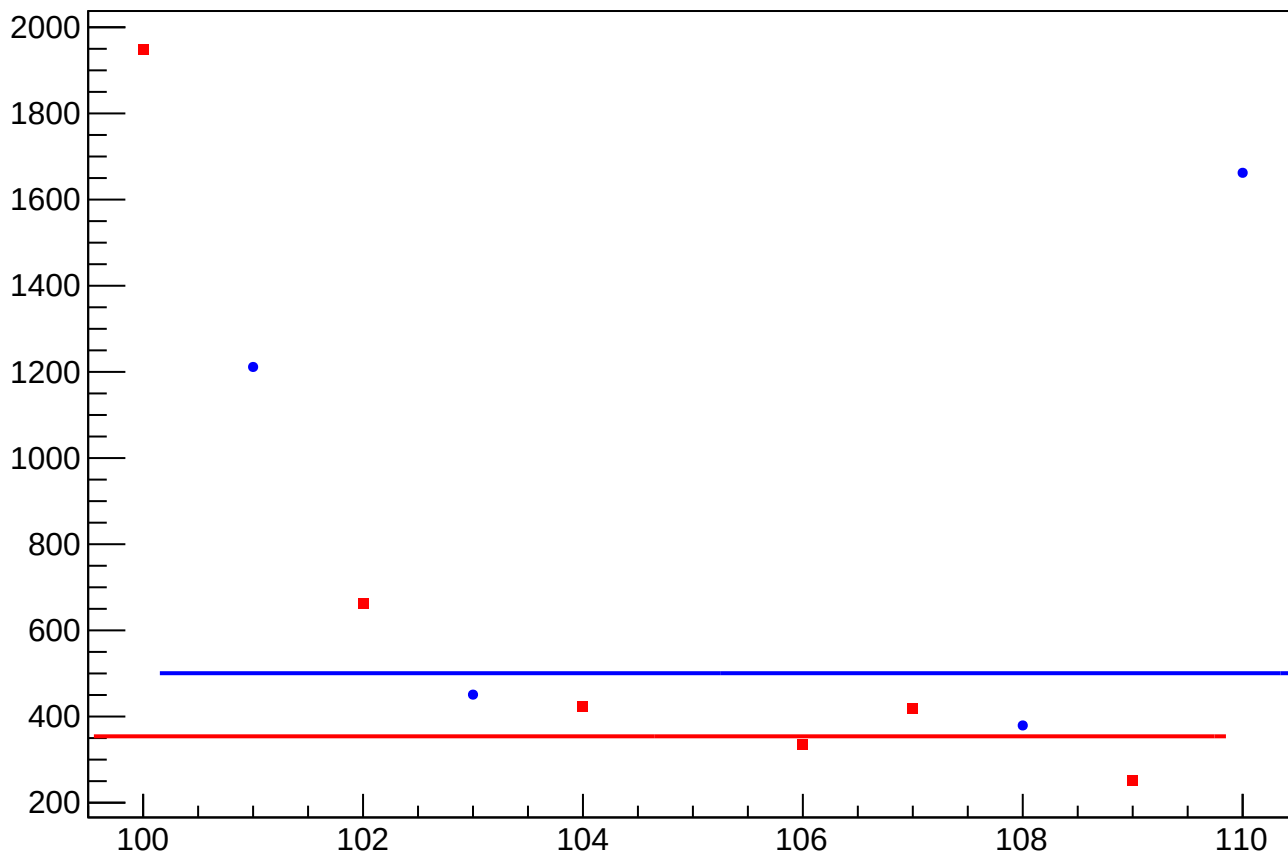
Right: -332.700+/-231.516 χ^2/NDF : 9.1/9

In: -161.796+/-401.313 χ^2/NDF : 5.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -332.700+/-231.516 χ^2/NDF : 9.1/9

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 500.578+/-0.284 χ^2/NDF : 912987.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 354.078+/-0.200 χ^2/NDF : 407347.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

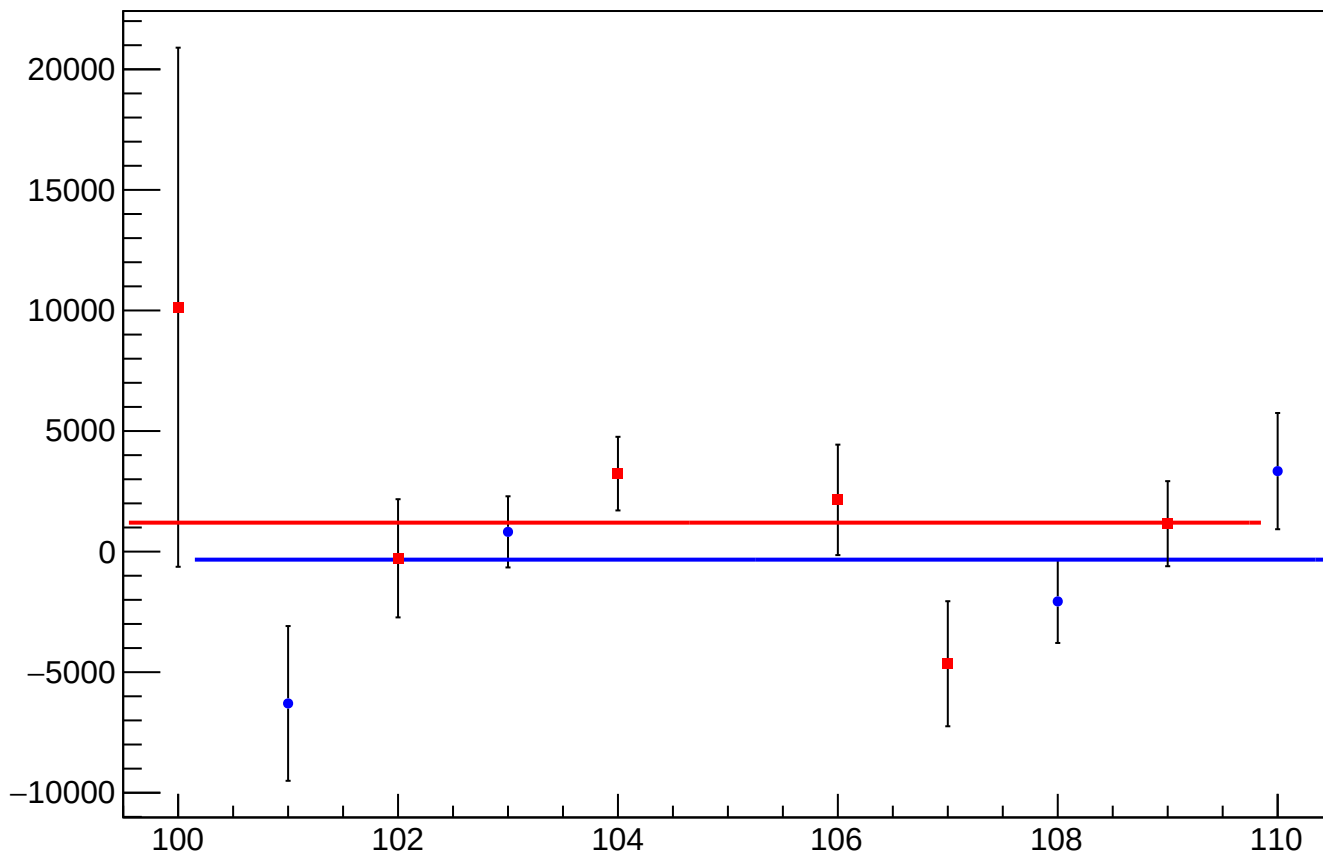
Right: 402.835+/-0.164 χ^2/NDF : 1498158.4/9

In: 500.578+/-0.284 χ^2/NDF : 912987.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.835+/-0.164 χ^2/NDF : 1498158.4/9

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -333.305+/-968.978 χ^2/NDF : 7.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.736+/-889.140 χ^2/NDF : 8.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

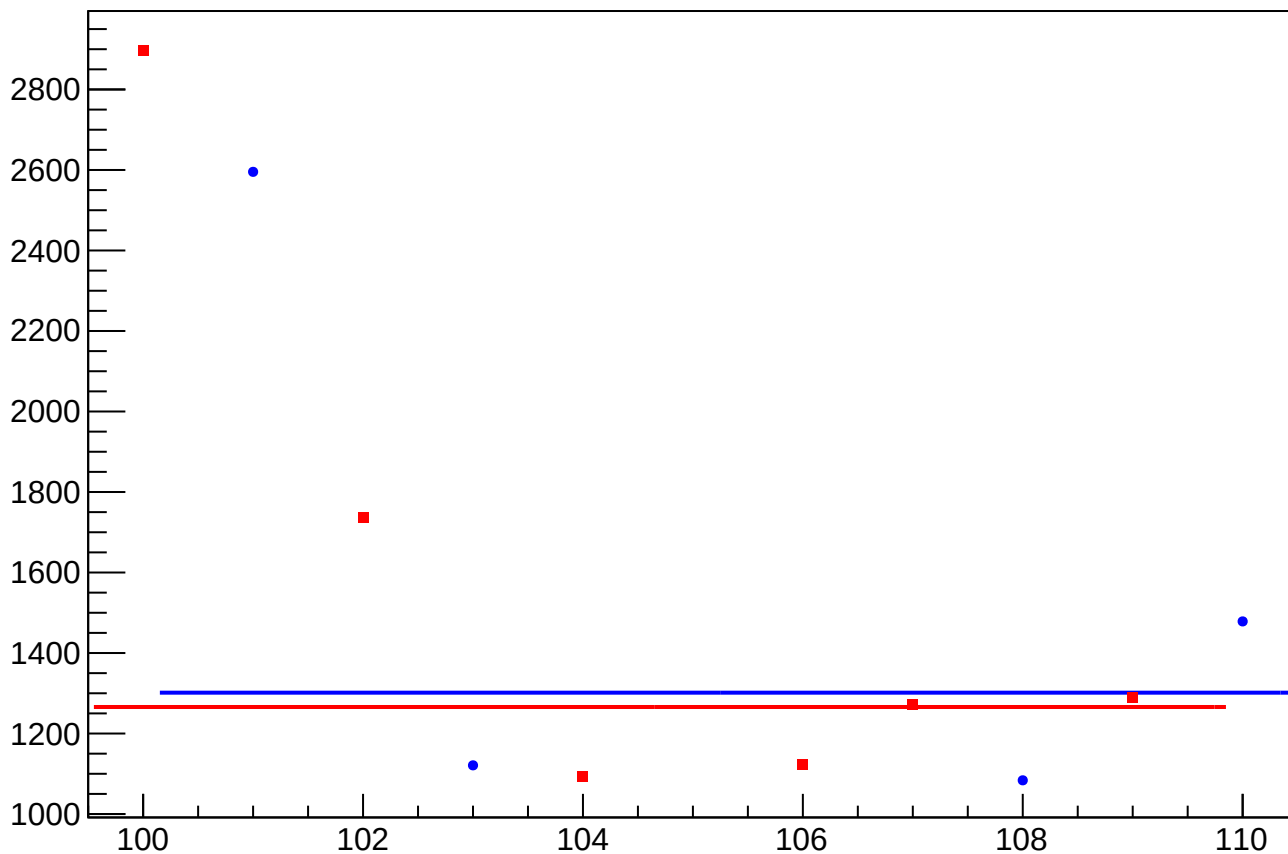
Right: 499.508+/-655.127 χ^2/NDF : 16.8/9

In: -333.305+/-968.978 χ^2/NDF : 7.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.508+/-655.127 χ^2/NDF : 16.8/9

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1301.496+/-0.685 χ^2/NDF : 397826.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.921+/-0.629 χ^2/NDF : 153133.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

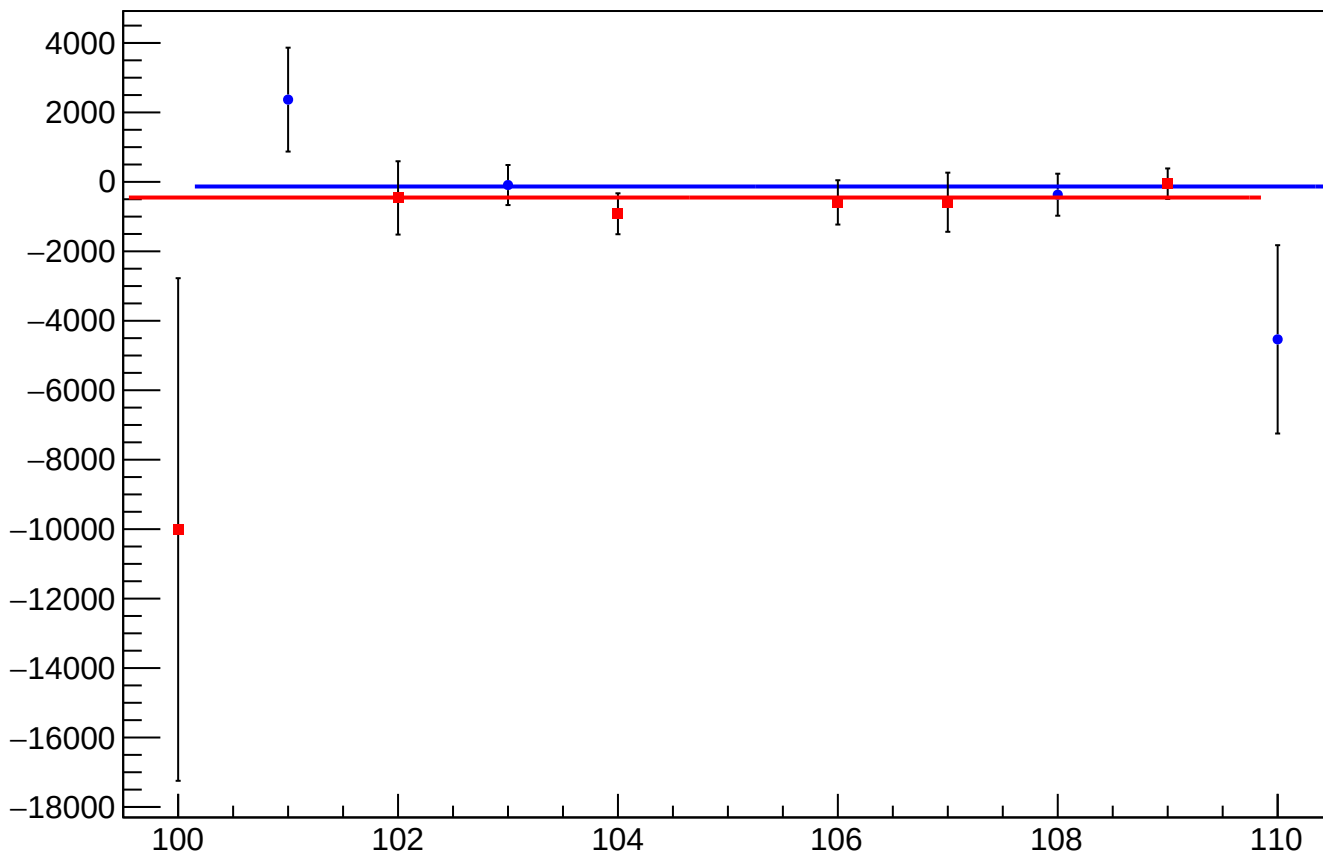
Right: 1282.183+/-0.463 χ^2/NDF : 552424.2/9

In: 1301.496+/-0.685 χ^2/NDF : 397826.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.183+/-0.463 χ^2/NDF : 552424.2/9

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -133.174+/-397.703 χ^2/NDF : 5.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -450.621+/-279.203 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

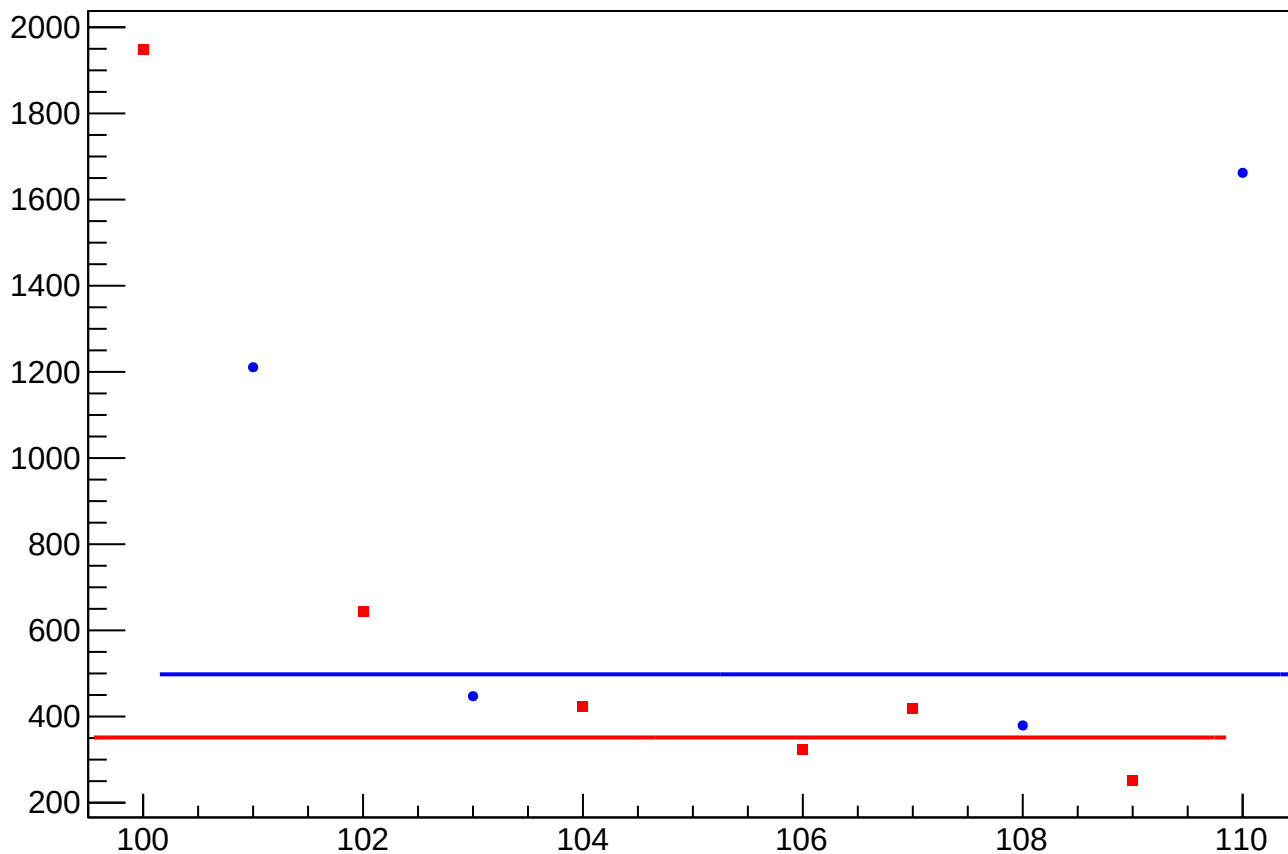
Right: -345.818+/-228.513 χ^2/NDF : 9.3/9

In: -133.174+/-397.703 χ^2/NDF : 5.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.818+/-228.513 χ^2/NDF : 9.3/9

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 497.985+/-0.281 χ^2/NDF : 915308.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 351.347+/-0.197 χ^2/NDF : 399686.6/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

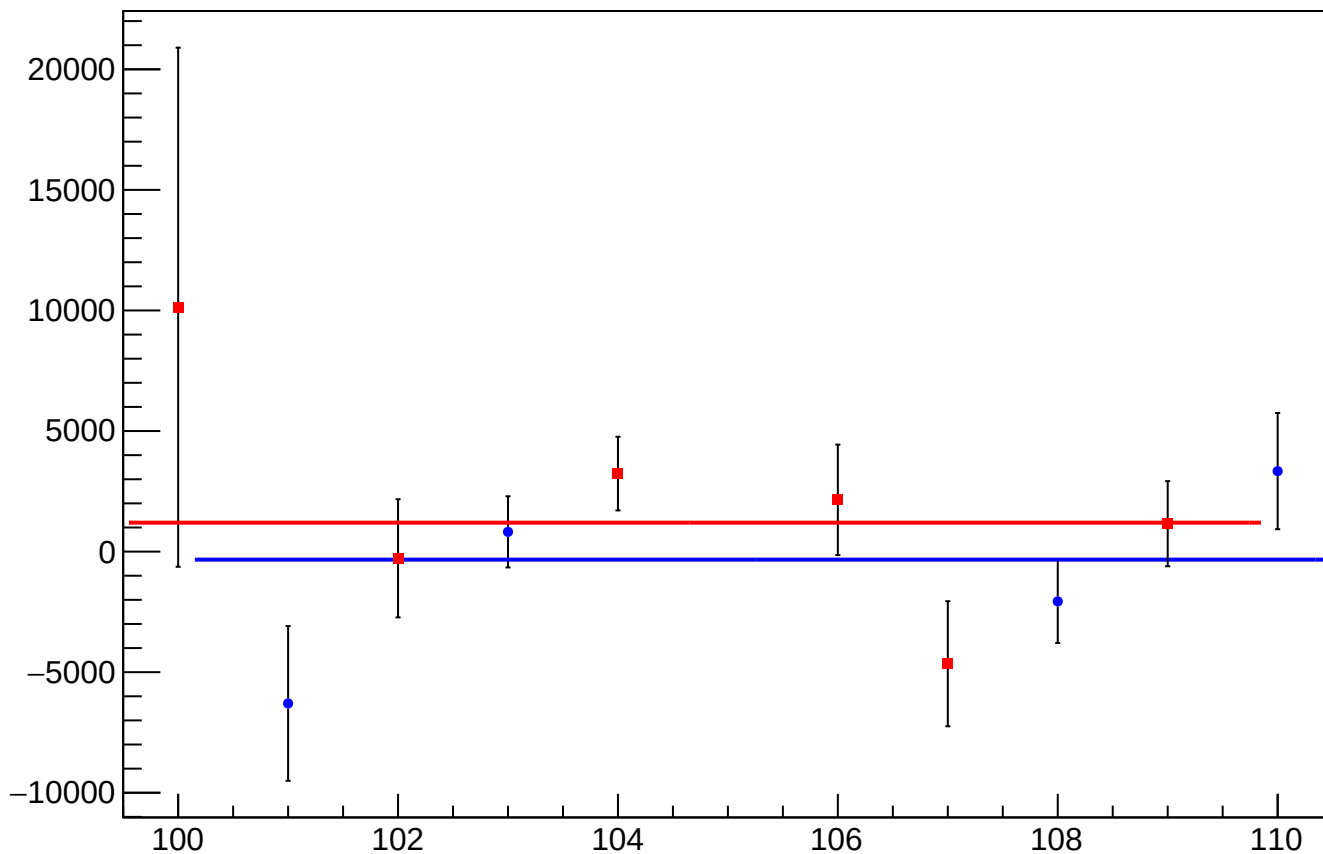
Right: 399.759+/-0.162 χ^2/NDF : 1497128.0/9

In: 497.985+/-0.281 χ^2/NDF :915308.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 399.759+/-0.162 χ^2/NDF : 1497128.0/9

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -333.305+/-968.978 χ^2/NDF : 7.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.736+/-889.140 χ^2/NDF : 8.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

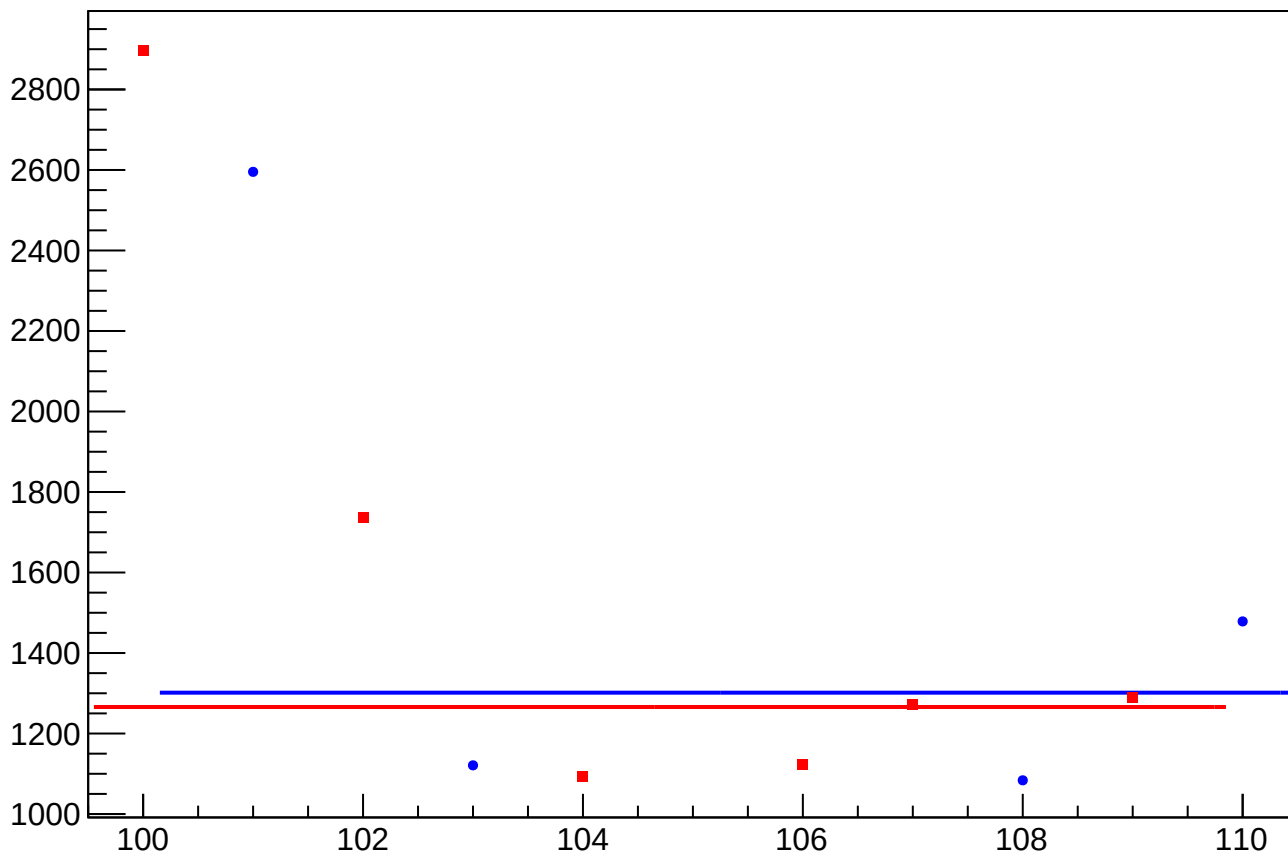
Right: 499.508+/-655.127 χ^2/NDF : 16.8/9

In: -333.305+/-968.978 χ^2/NDF : 7.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.508+/-655.127 χ^2/NDF : 16.8/9

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1301.496+/-0.685 χ^2/NDF : 397826.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.921+/-0.629 χ^2/NDF : 153133.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

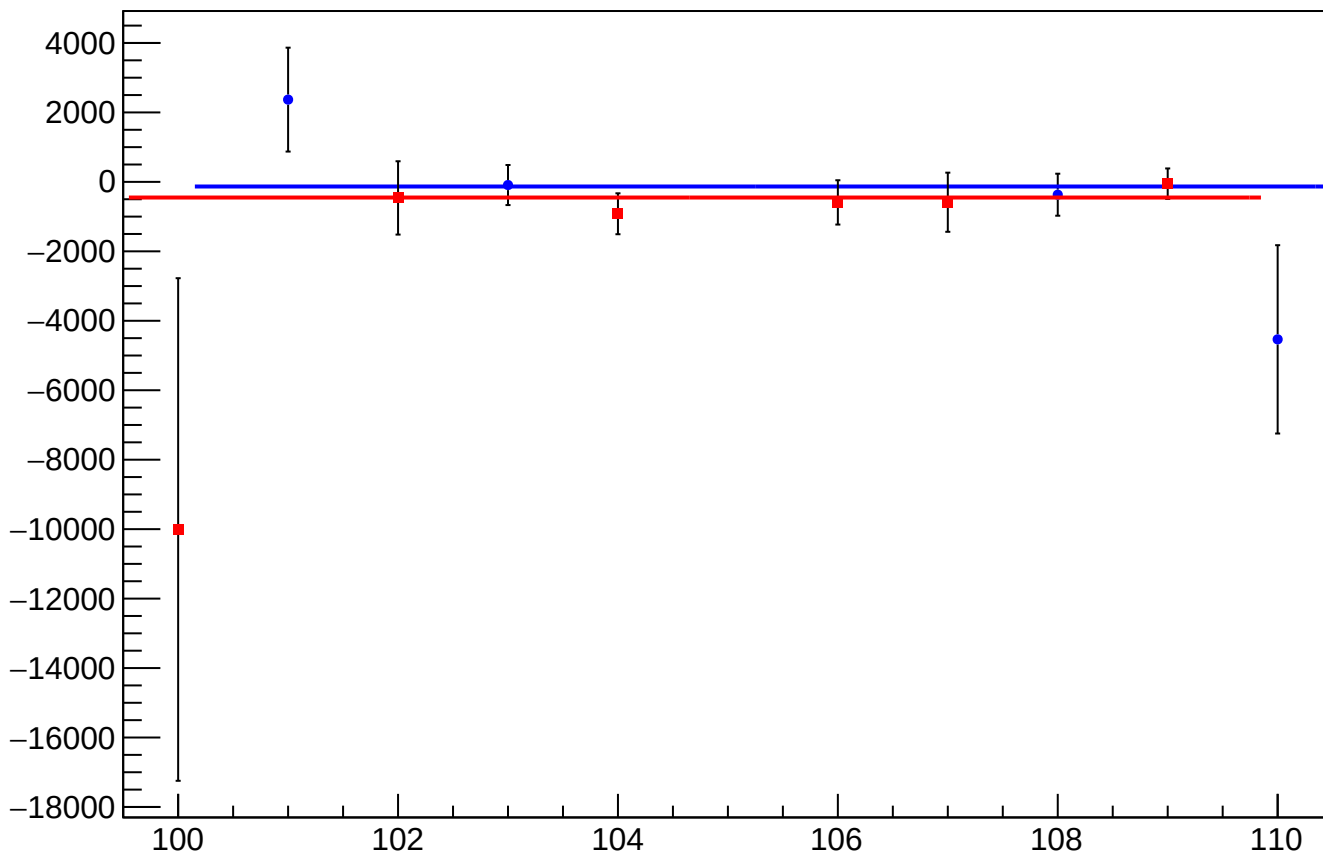
Right: 1282.183+/-0.463 χ^2/NDF : 552424.2/9

In: 1301.496+/-0.685 χ^2/NDF : 397826.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.183+/-0.463 χ^2/NDF : 552424.2/9

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -133.174+/-397.703 χ^2/NDF : 5.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -450.621+/-279.203 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

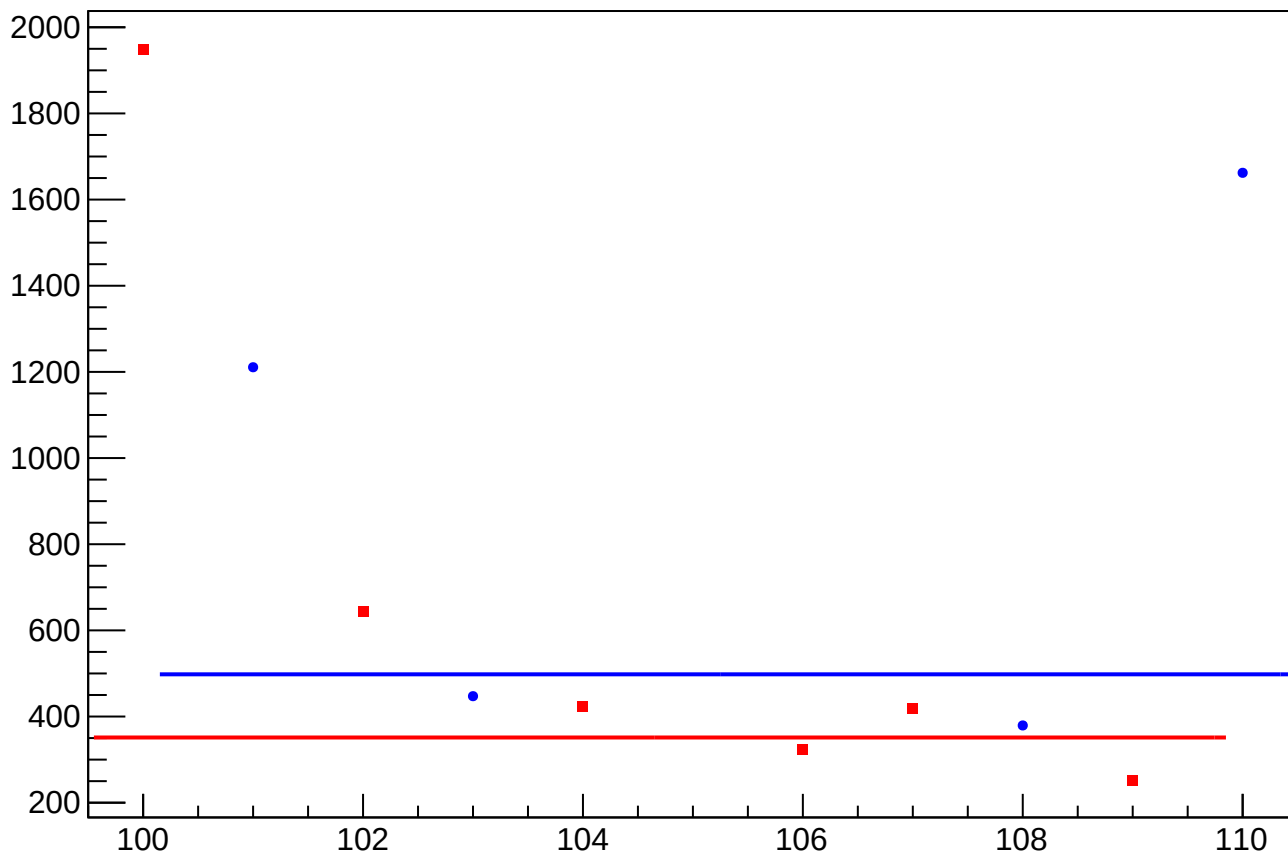
Right: -345.818+/-228.513 χ^2/NDF : 9.3/9

In: -133.174+/-397.703 χ^2/NDF : 5.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.818+/-228.513 χ^2/NDF : 9.3/9

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 497.985+/-0.281 χ^2/NDF : 915308.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 351.347+/-0.197 χ^2/NDF : 399686.6/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

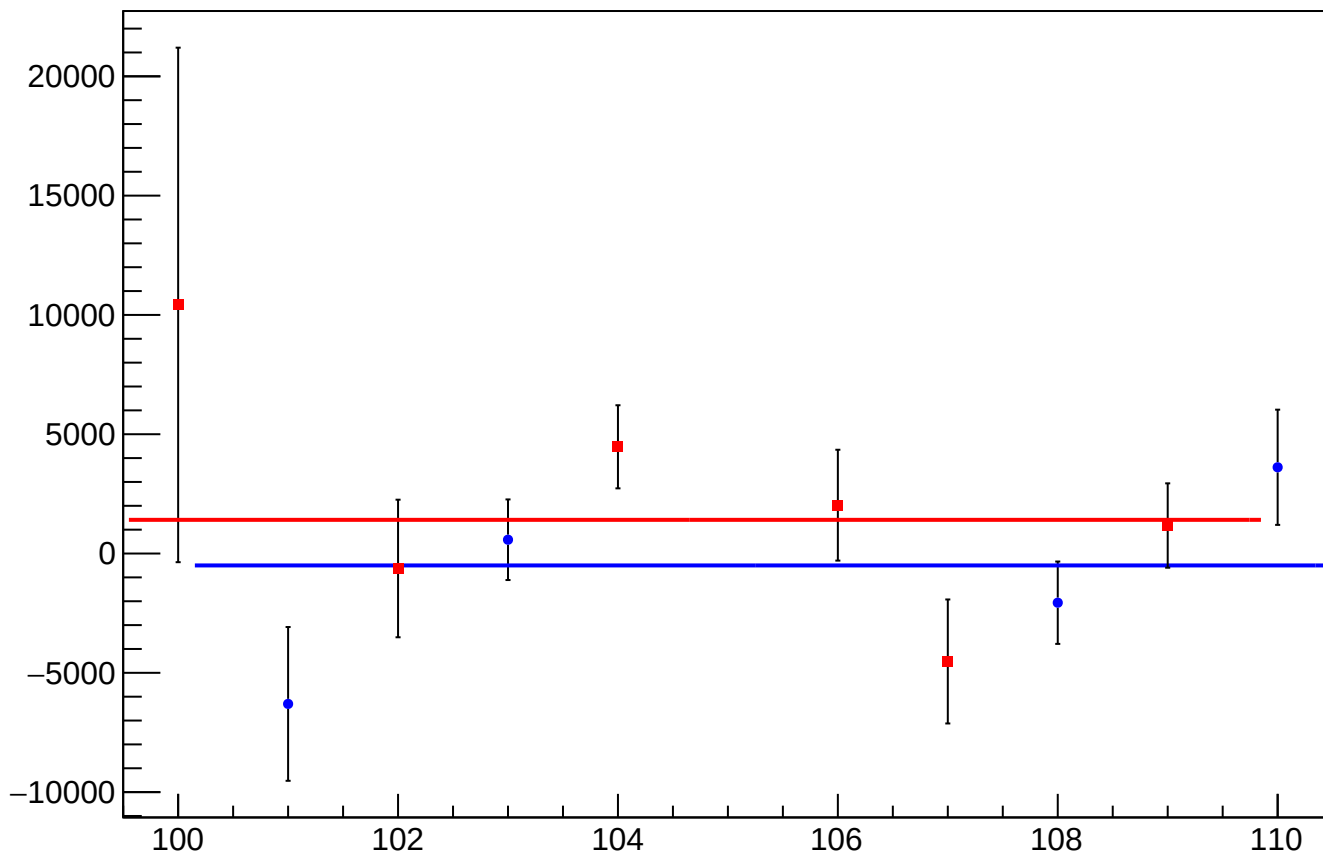
Right: 399.759+/-0.162 χ^2/NDF : 1497128.0/9

In: 497.985+/-0.281 χ^2/NDF :915308.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 399.759+/-0.162 χ^2/NDF : 1497128.0/9

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -499.045+/-1023.817 χ^2/NDF : 7.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1411.802+/-948.315 χ^2/NDF : 9.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

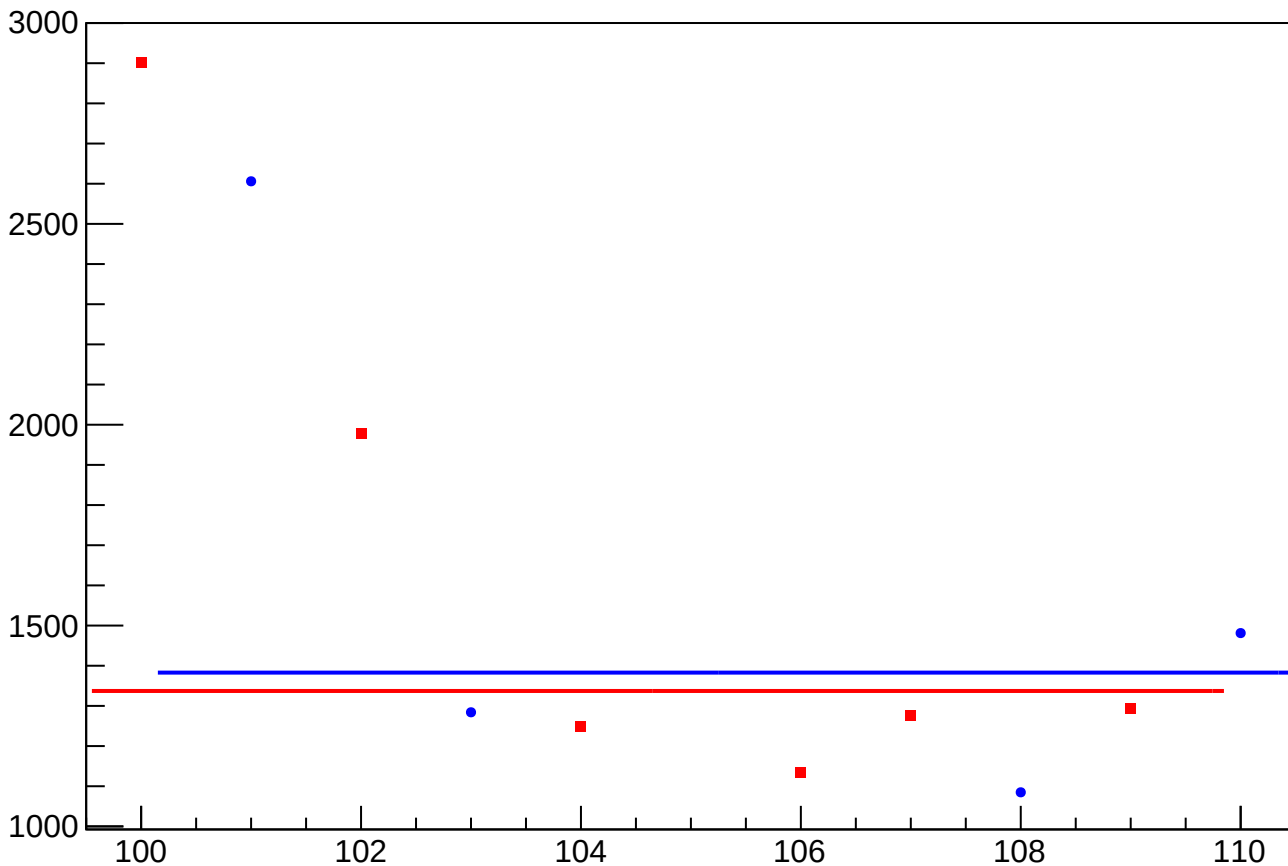
Right: 529.427+/-695.722 χ^2/NDF : 18.8/9

In: -499.045+/-1023.817 χ^2/NDF : 7.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.427+/-695.722 χ^2/NDF : 18.8/9

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1382.892+/-0.724 χ^2/NDF : 357916.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1337.174+/-0.671 χ^2/NDF : 163895.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

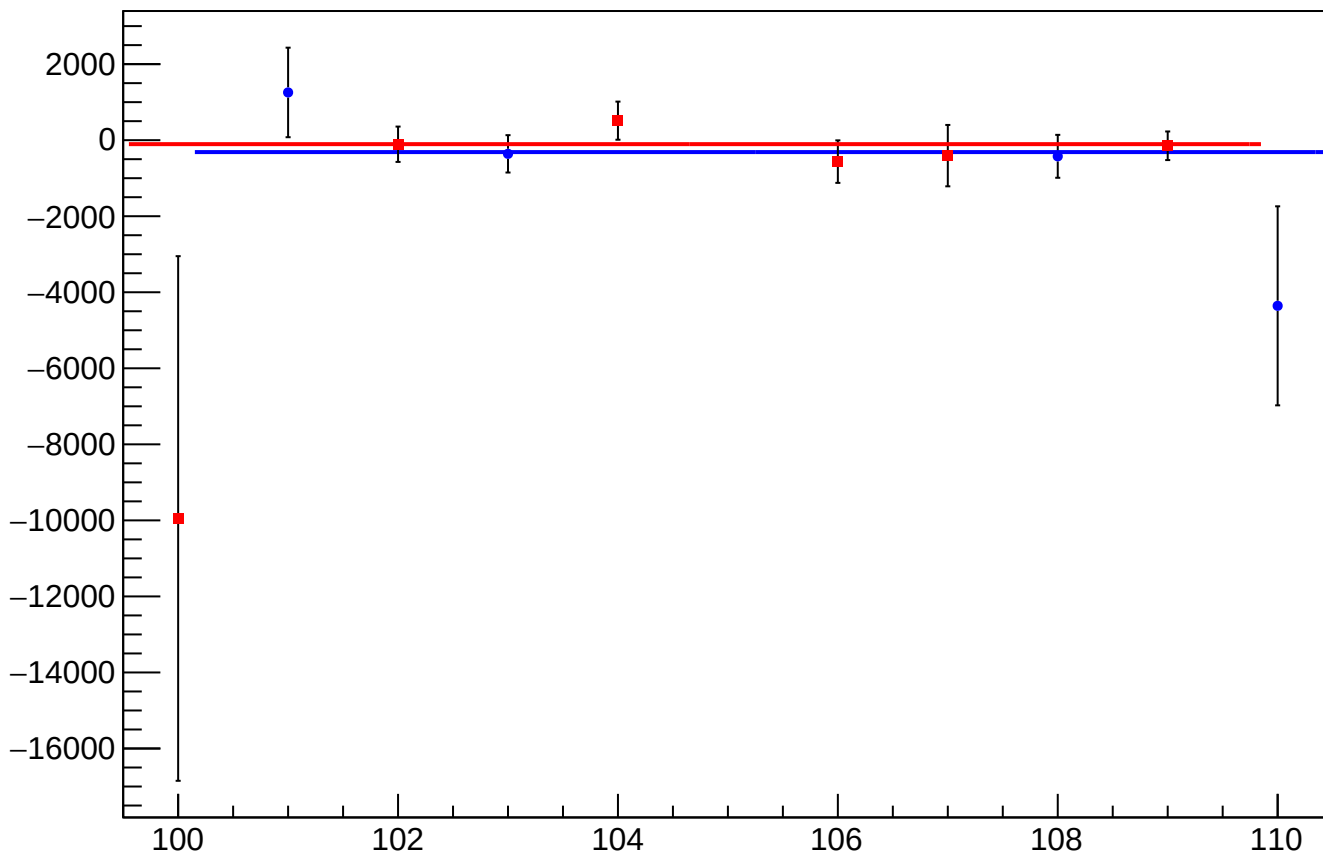
Right: 1358.285+/-0.492 χ^2/NDF : 523958.5/9

In: 1382.892+/-0.724 χ^2/NDF : 357916.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.285+/-0.492 χ^2/NDF : 523958.5/9

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -313.280+/-350.307 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -104.327+/-221.230 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

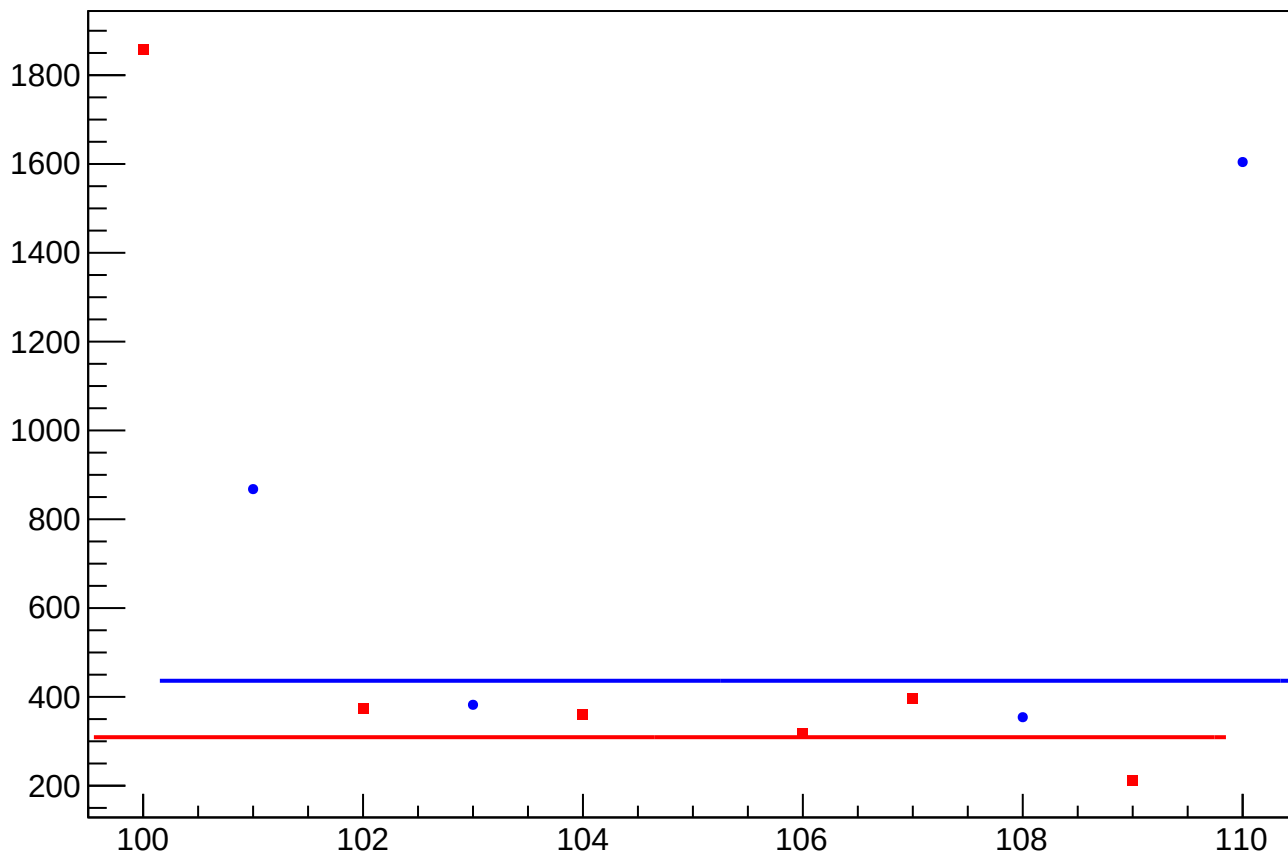
Right: -163.903+/-187.052 χ^2/NDF : 8.8/9

In: -313.280+/-350.307 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.903+/-187.052 χ^2/NDF : 8.8/9

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 436.314+/-0.248 χ^2/NDF : 733551.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.236+/-0.156 χ^2/NDF : 318443.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

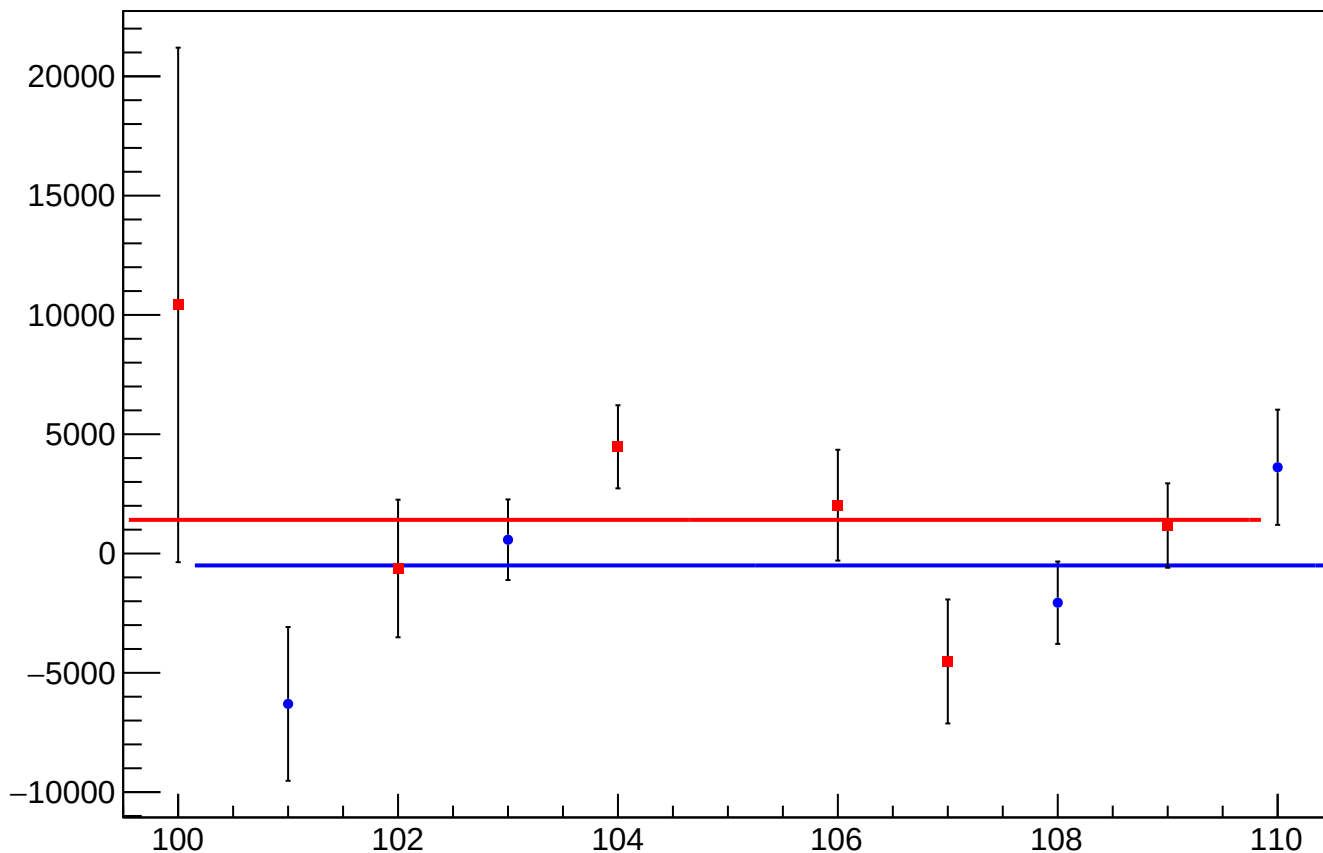
Right: 345.468+/-0.132 χ^2/NDF : 1240145.0/9

In: 436.314+/-0.248 χ^2/NDF : 733551.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.468+/-0.132 χ^2/NDF : 1240145.0/9

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -499.055+/-1023.817 χ^2/NDF : 7.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1411.800+/-948.315 χ^2/NDF : 9.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

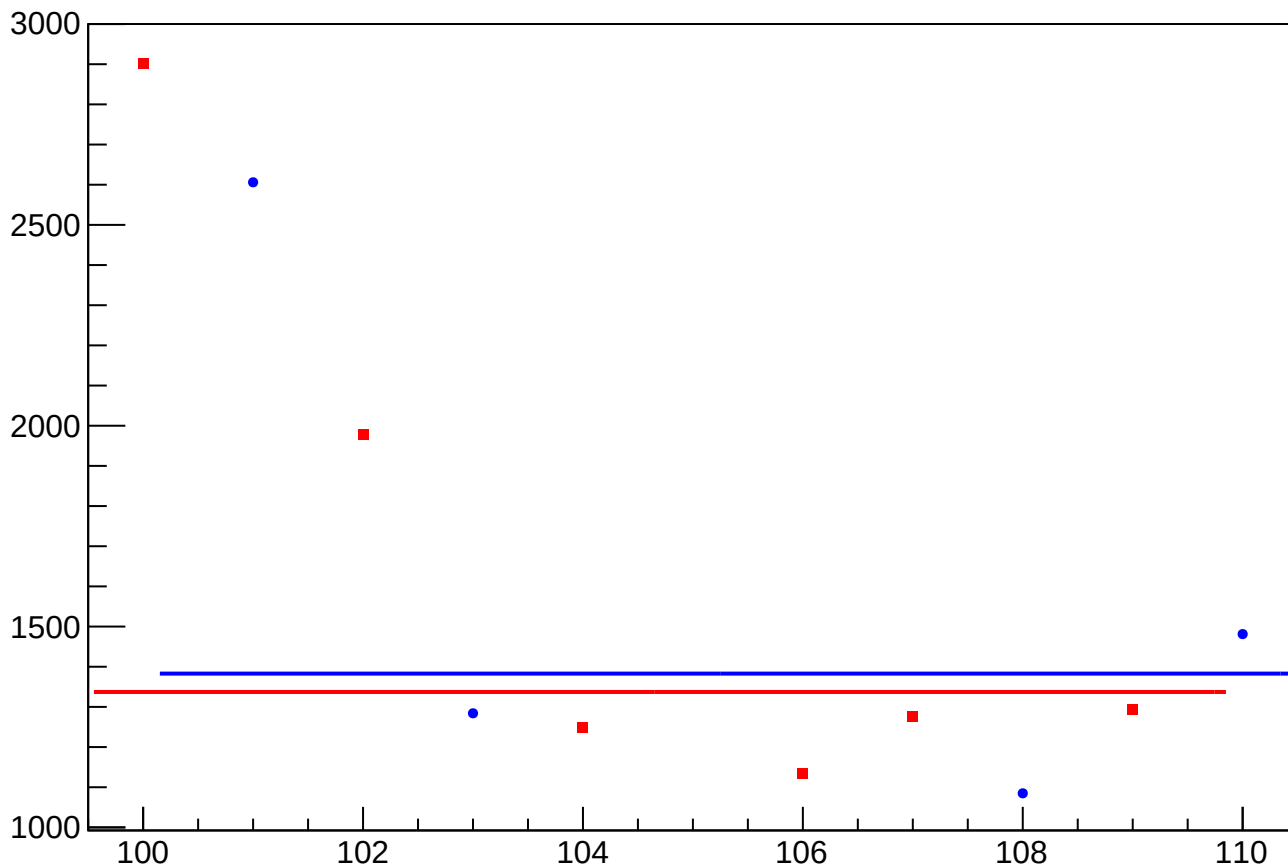
Right: 529.422+/-695.722 χ^2/NDF : 18.8/9

In: -499.055+/-1023.817 χ^2/NDF : 7.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.422+/-695.722 χ^2/NDF : 18.8/9

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1382.892+/-0.724 χ^2/NDF : 357916.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1337.174+/-0.671 χ^2/NDF : 163895.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

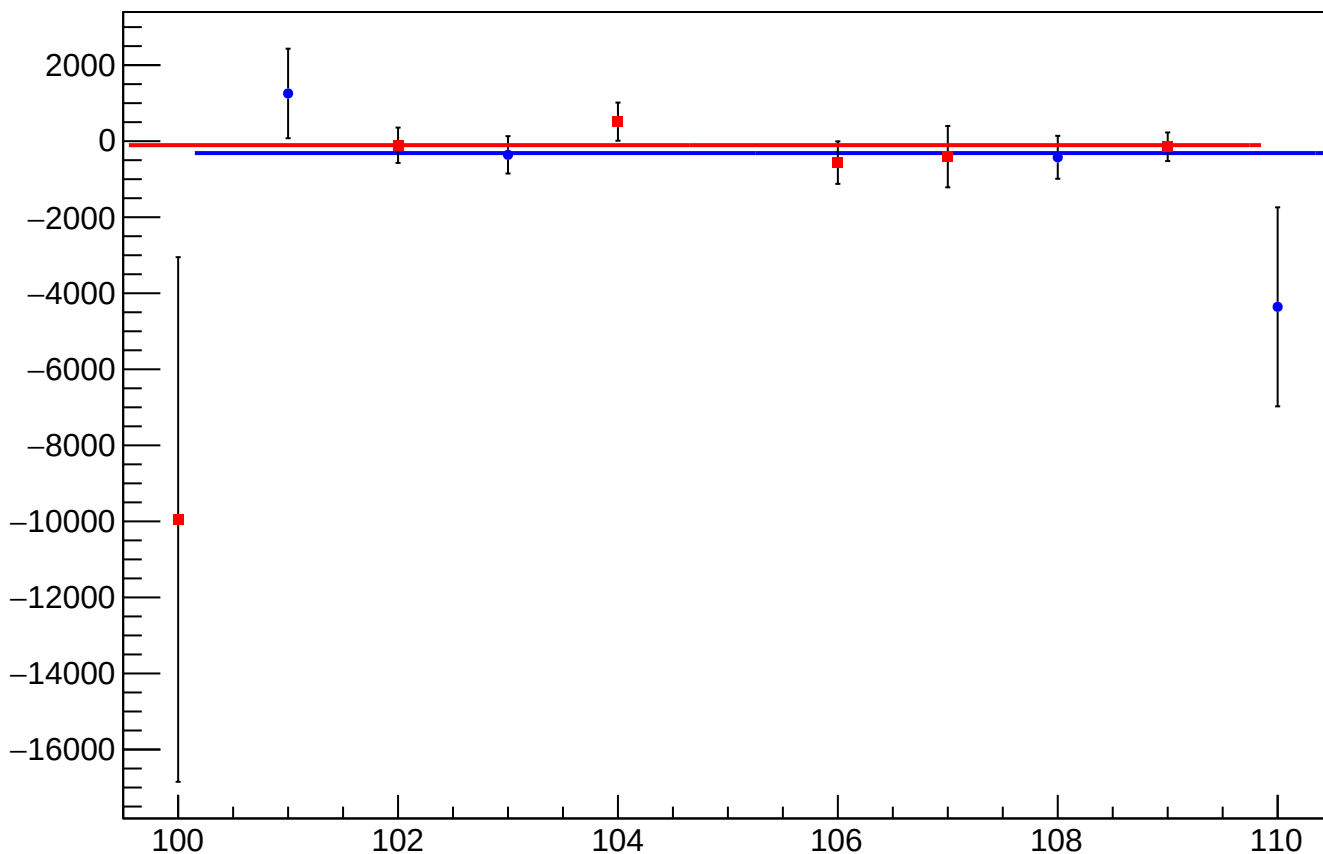
Right: 1358.285+/-0.492 χ^2/NDF : 523958.2/9

In: 1382.892+/-0.724 χ^2/NDF : 357916.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.285+/-0.492 χ^2/NDF : 523958.2/9

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -313.288+/-350.301 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -104.320+/-221.232 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

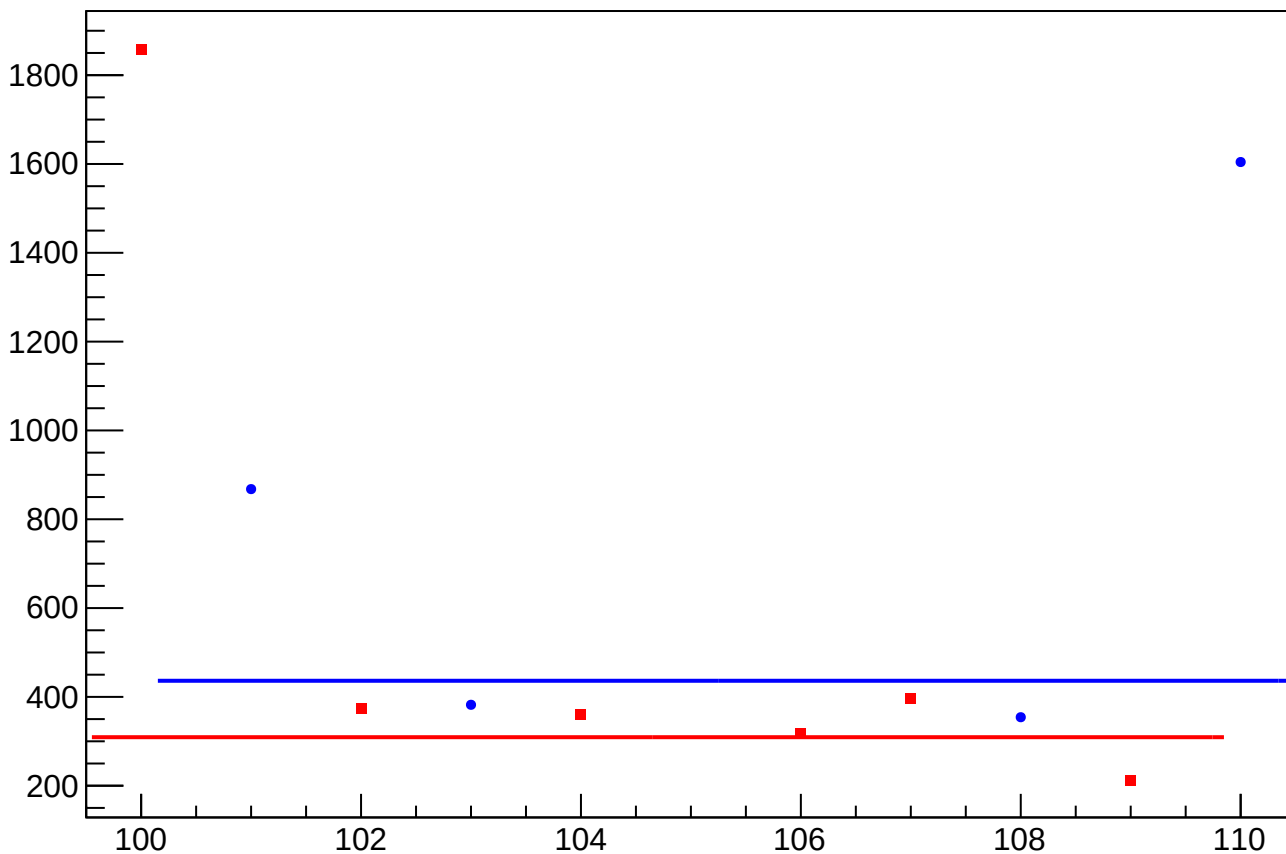
Right: -163.903+/-187.052 χ^2/NDF : 8.8/9

In: -313.288+/-350.301 χ^2/NDF :4.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -163.903+/-187.052 χ^2/NDF : 8.8/9

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 436.306+/-0.248 χ^2/NDF : 733566.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.240+/-0.156 χ^2/NDF : 318401.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

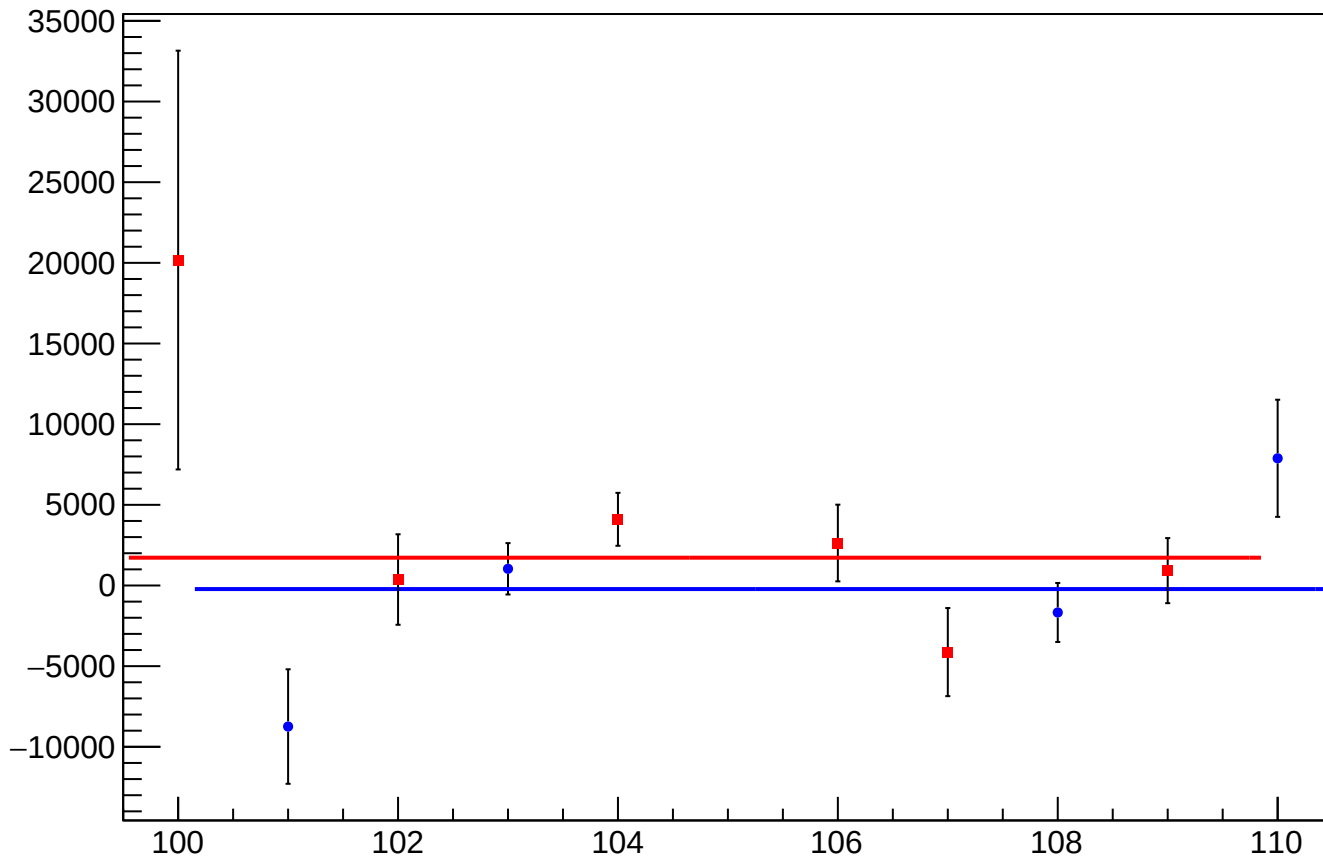
Right: 345.470+/-0.132 χ^2/NDF : 1240086.2/9

In: 436.306+/-0.248 χ^2/NDF : 733566.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.470+/-0.132 χ^2/NDF : 1240086.2/9

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -221.276+/-1085.539 χ^2/NDF : 12.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1723.559+/-970.638 χ^2/NDF : 9.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

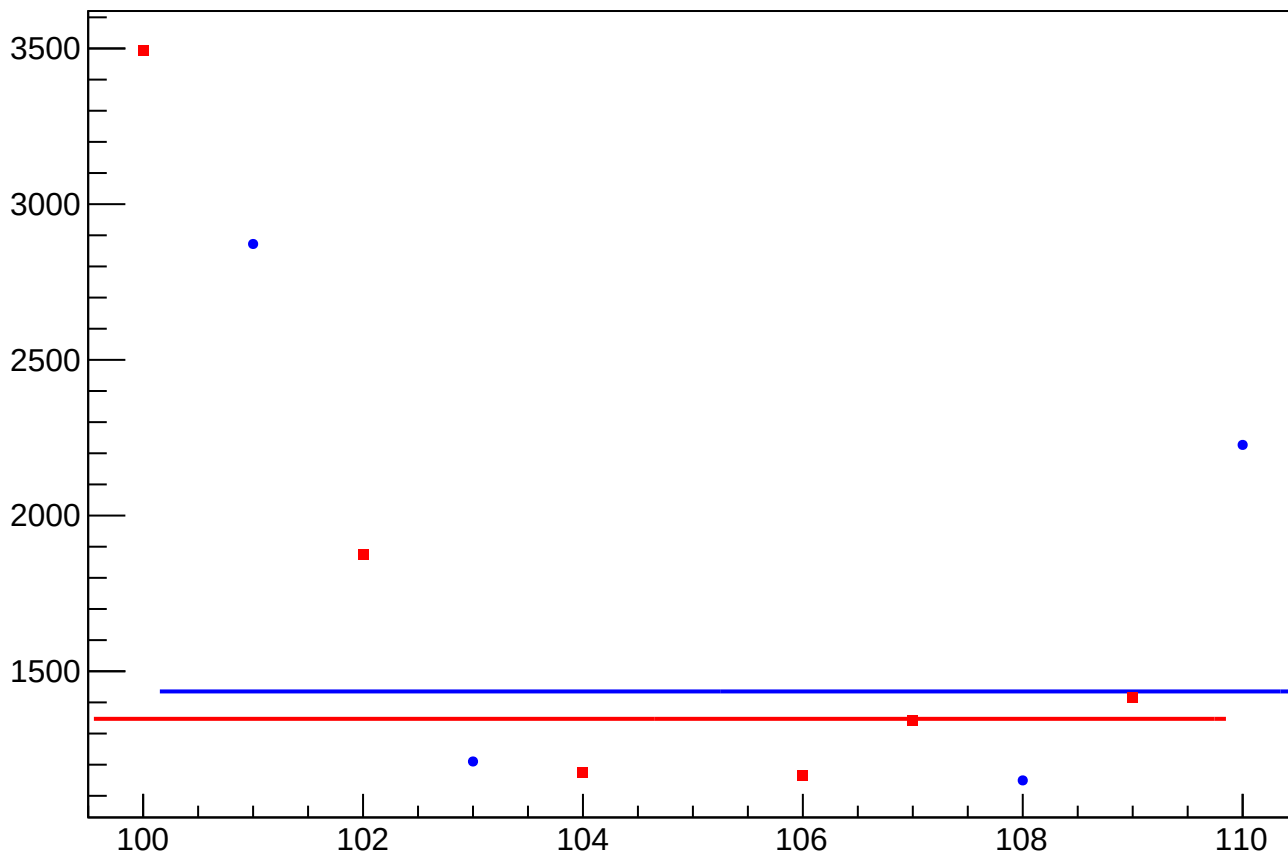
Right: 859.482+/-723.569 χ^2/NDF : 23.0/9

In: -221.276+/-1085.539 χ^2/NDF : 12.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 859.482+/-723.569 χ^2/NDF : 23.0/9

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1435.208+/-0.768 χ^2/NDF : 511616.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.227+/-0.686 χ^2/NDF : 161395.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

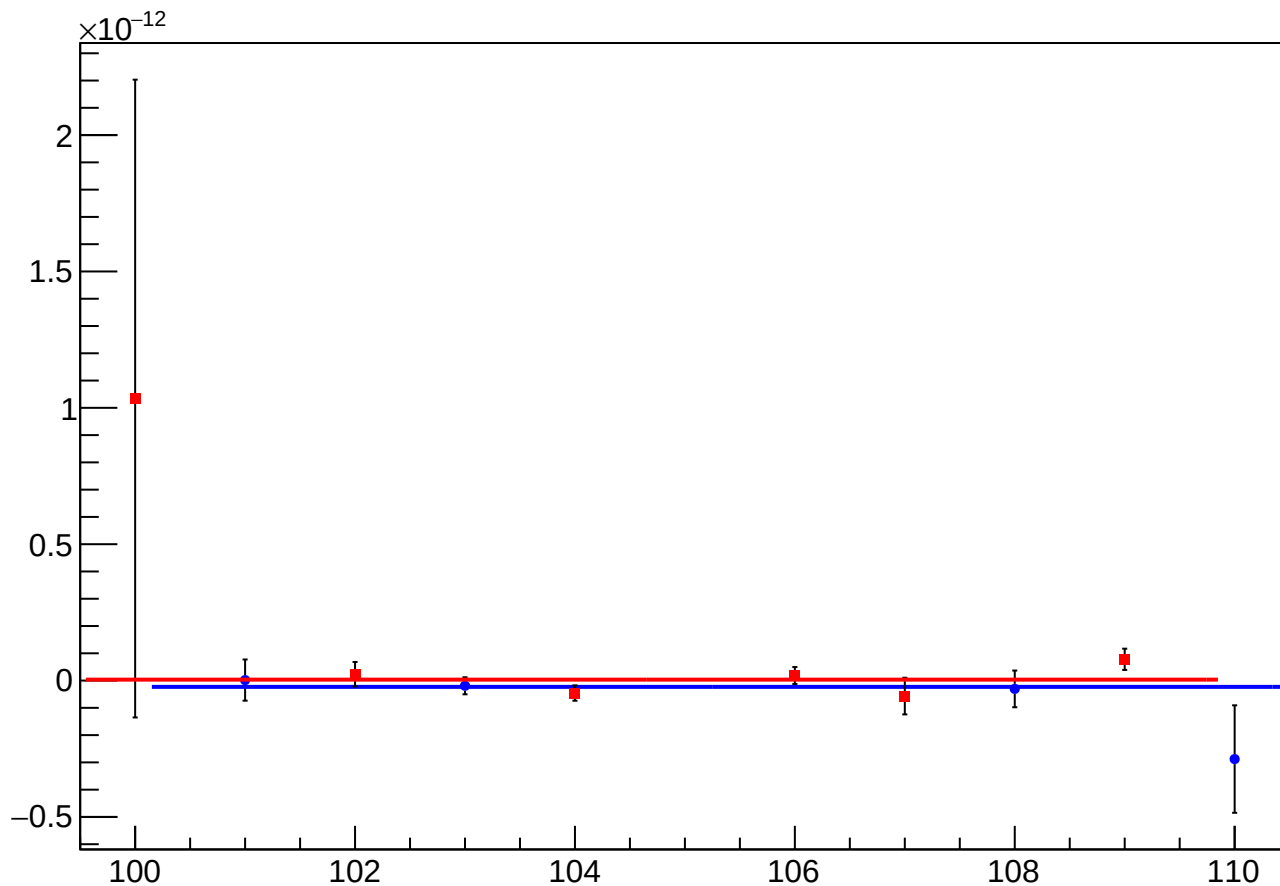
Right: 1386.316+/-0.512 χ^2/NDF : 680312.6/9

In: 1435.208+/-0.768 χ^2/NDF : 511616.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.316+/-0.512 χ^2/NDF : 680312.6/9

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

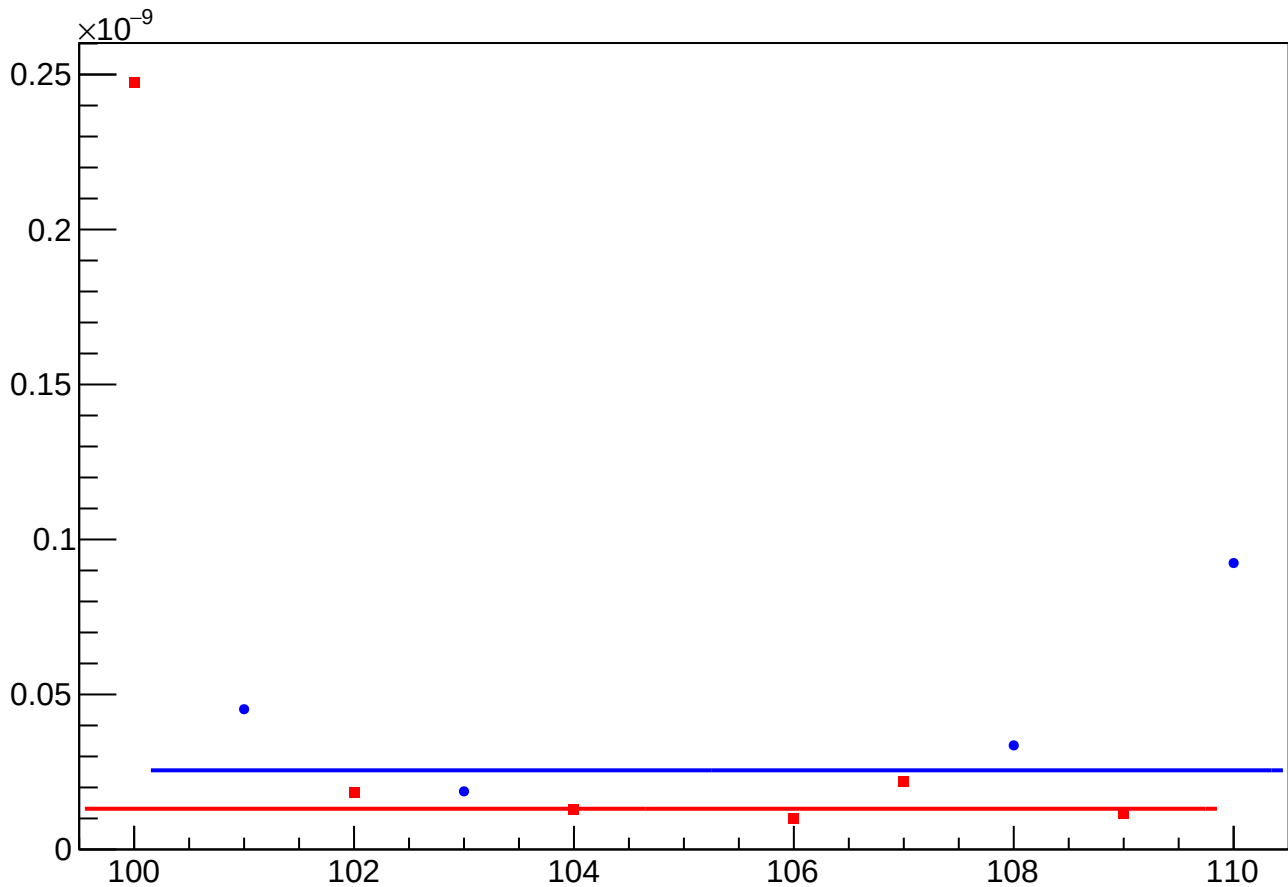
Right: -0.000+/-0.000 χ^2/NDF : 11.4/9

In: -0.000+/-0.000 χ^2/NDF : 1.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.4/9

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 489788.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 168497.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

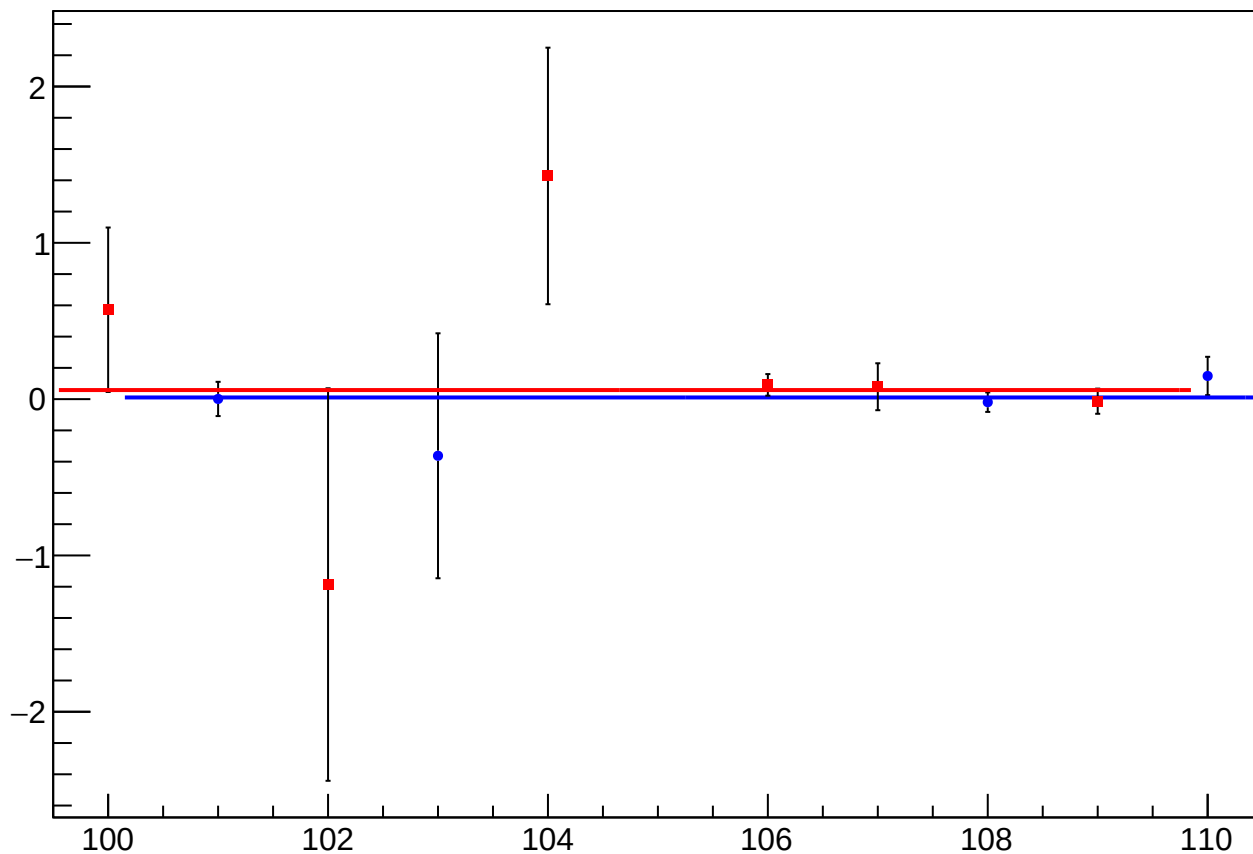
Right: 0.000+/-0.000 χ^2/NDF : 977392.3/9

In: 0.000+/-0.000 χ^2/NDF : 489788.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 977392.3/9

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.049 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.049 χ^2/NDF : 5.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

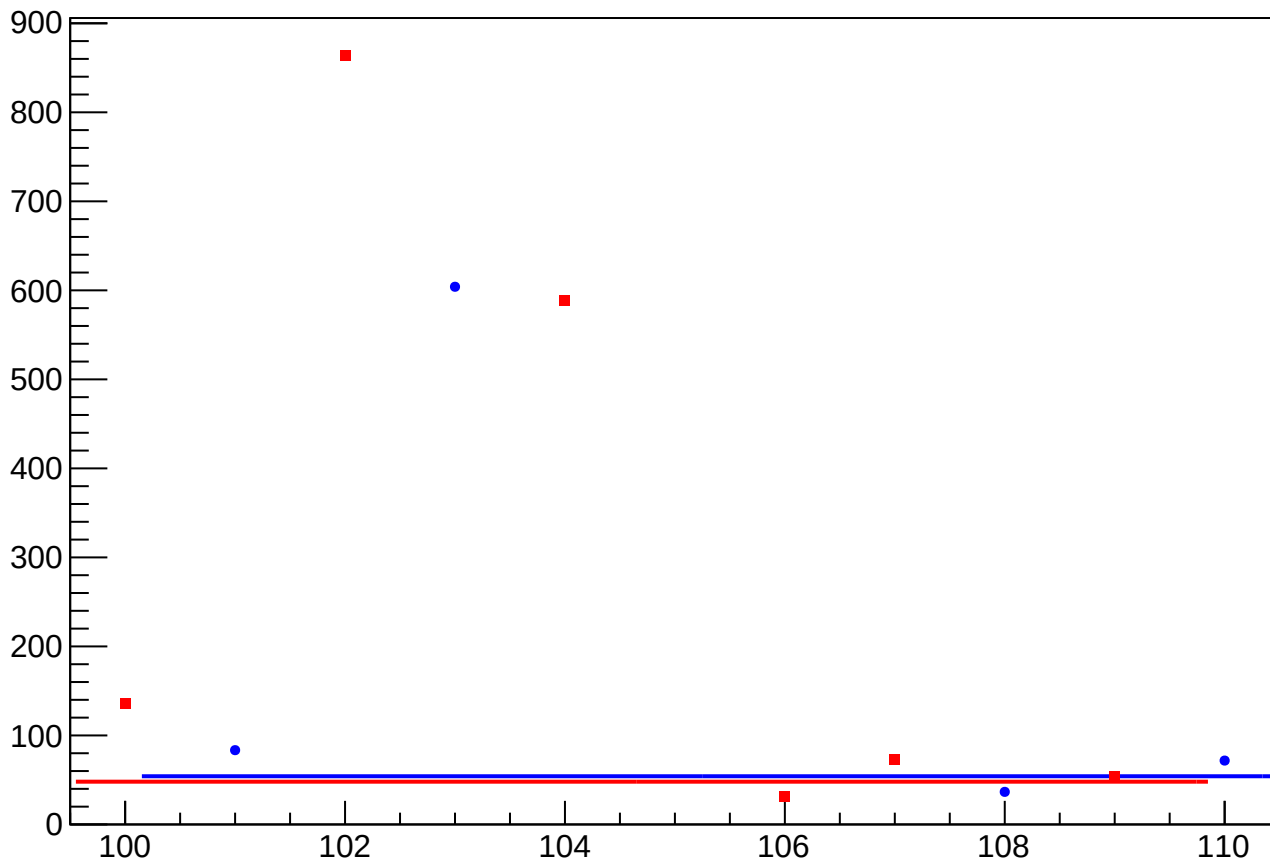
Right: 0.035+/-0.035 χ^2/NDF : 7.9/9

In: 0.011+/-0.049 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.035 χ^2/NDF : 7.9/9

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.148+/-0.035 χ^2/NDF : 1327968.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.054+/-0.035 χ^2/NDF : 1952625.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

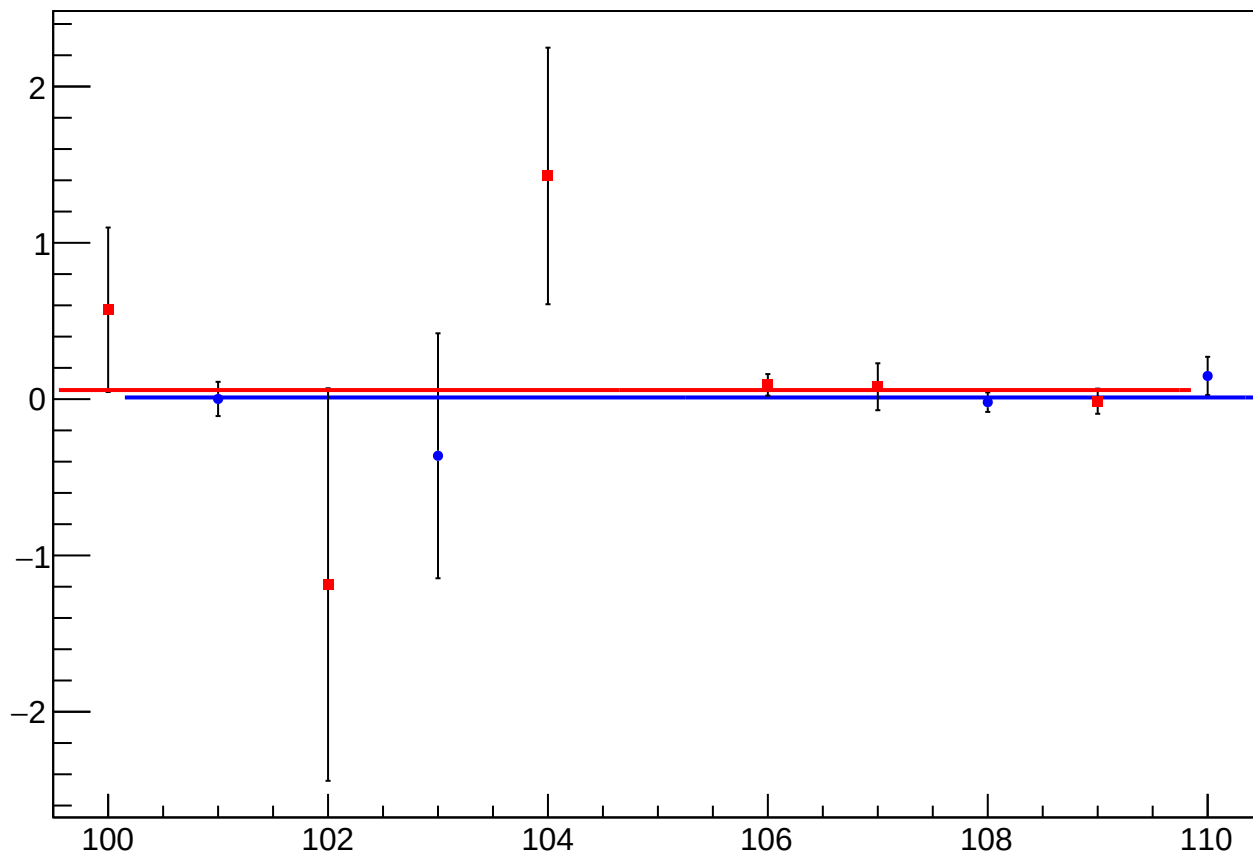
Right: 51.080+/-0.025 χ^2/NDF : 3295878.3/9

In: 54.148+/-0.035 χ^2/NDF : 1327968.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.080+/-0.025 χ^2/NDF : 3295878.3/9

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.049 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.049 χ^2/NDF : 5.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

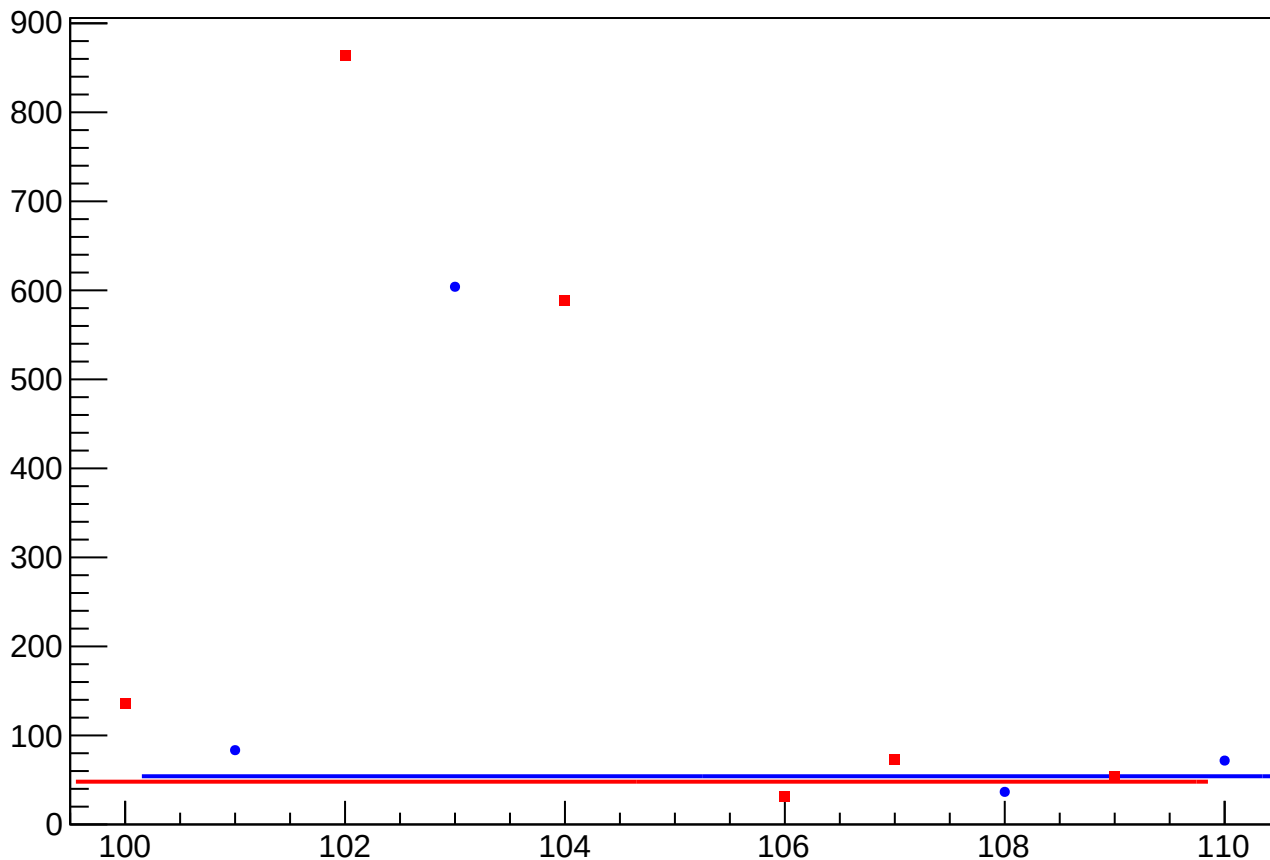
Right: 0.035+/-0.035 χ^2/NDF : 7.9/9

In: 0.011+/-0.049 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.035 χ^2/NDF : 7.9/9

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.148+/-0.035 χ^2/NDF : 1327968.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.054+/-0.035 χ^2/NDF : 1952625.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

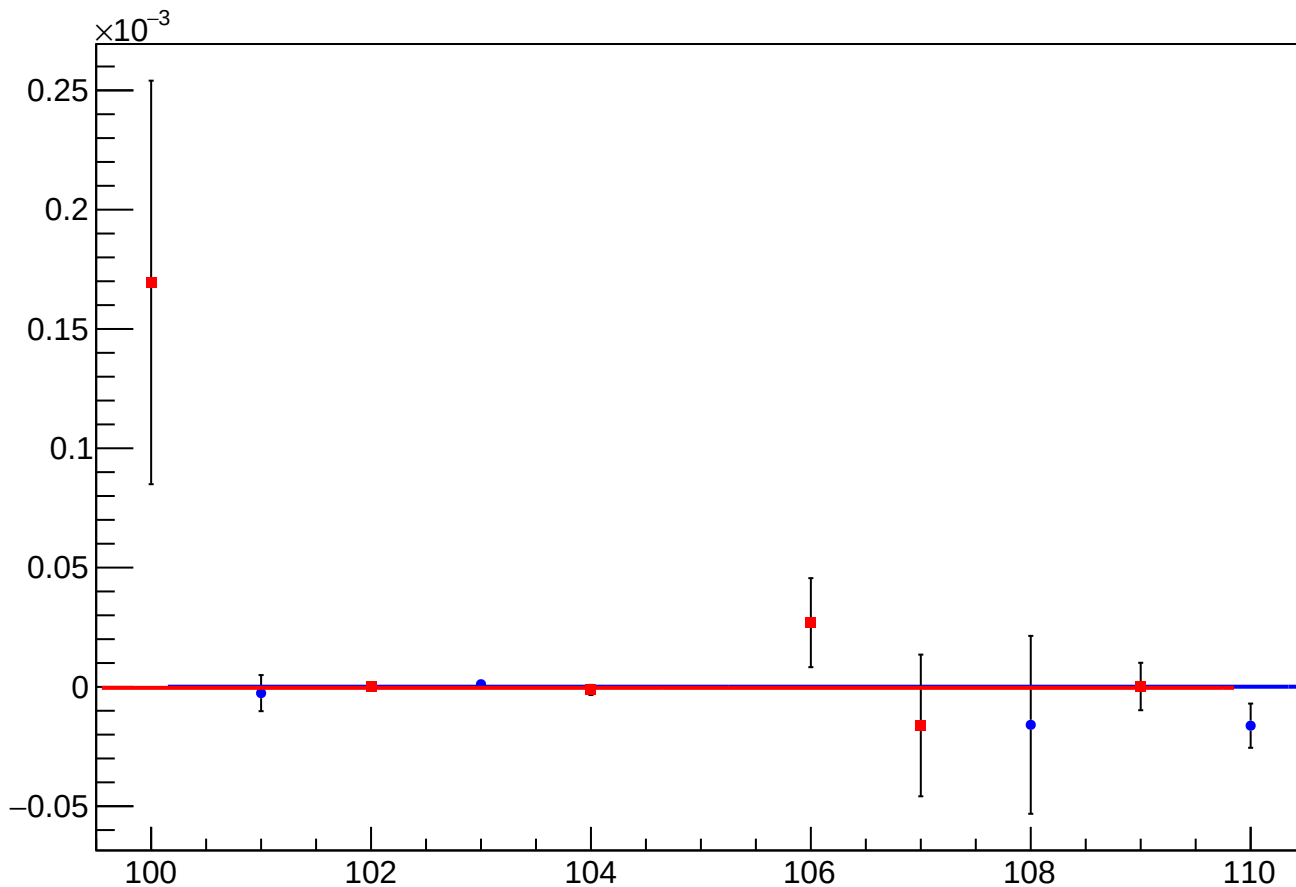
Right: 51.080+/-0.025 χ^2/NDF : 3295878.3/9

In: 54.148+/-0.035 χ^2/NDF : 1327968.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.080+/-0.025 χ^2/NDF : 3295878.3/9

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

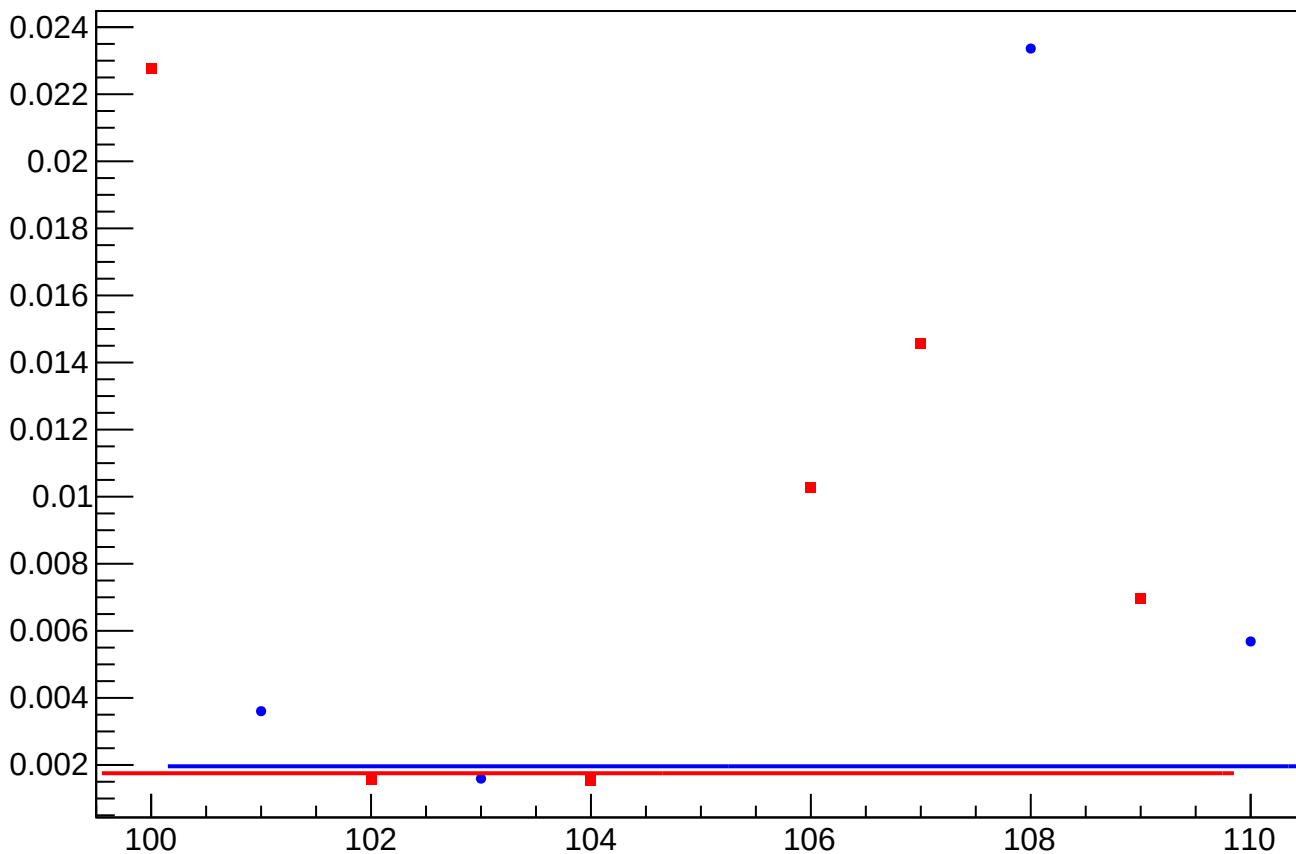
Right: -0.000+/-0.000 χ^2/NDF : 10.4/9

In: 0.000+/-0.000 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/9

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1140174.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1500228.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

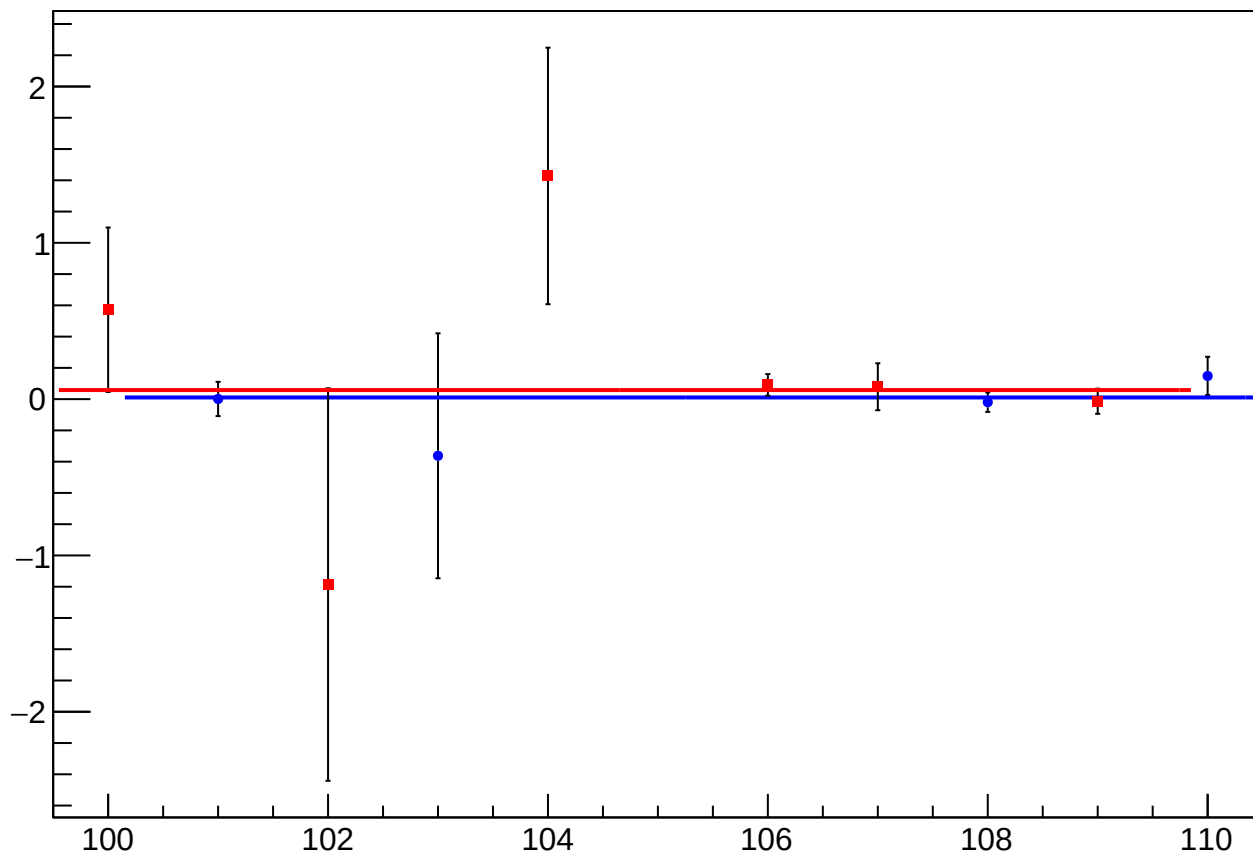
Right: 0.002+/-0.000 χ^2/NDF : 2655327.2/9

In: 0.002+/-0.000 χ^2/NDF : 1140174.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2655327.2/9

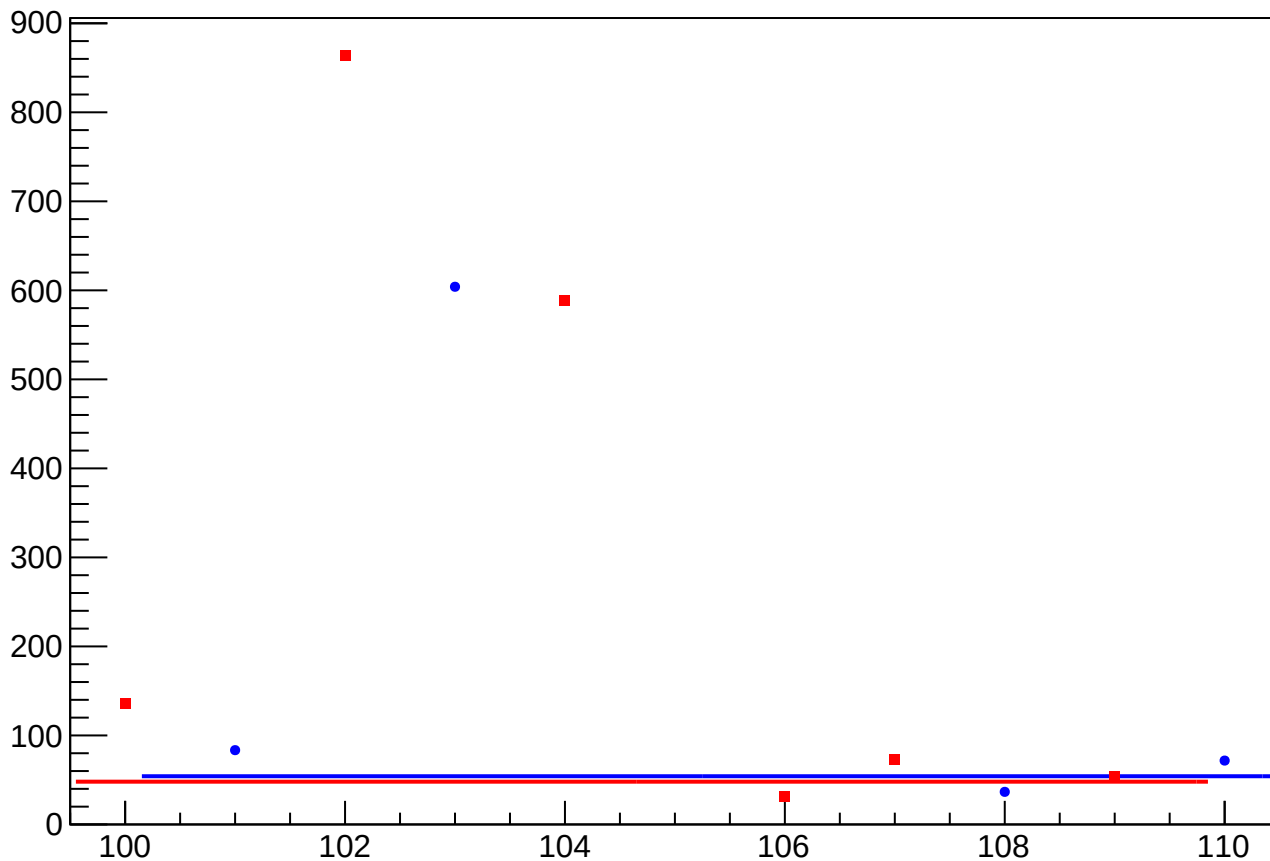
asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.049 χ^2/NDF : 1.7/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.058+/-0.049 χ^2/NDF : 5.8/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.035+/-0.035 χ^2/NDF : 7.9/9
 In: 0.011+/-0.049 χ^2/NDF : 1.7/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.035+/-0.035 χ^2/NDF : 7.9/9

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.165+/-0.035 χ^2/NDF : 1327617.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.059+/-0.035 χ^2/NDF : 1952506.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

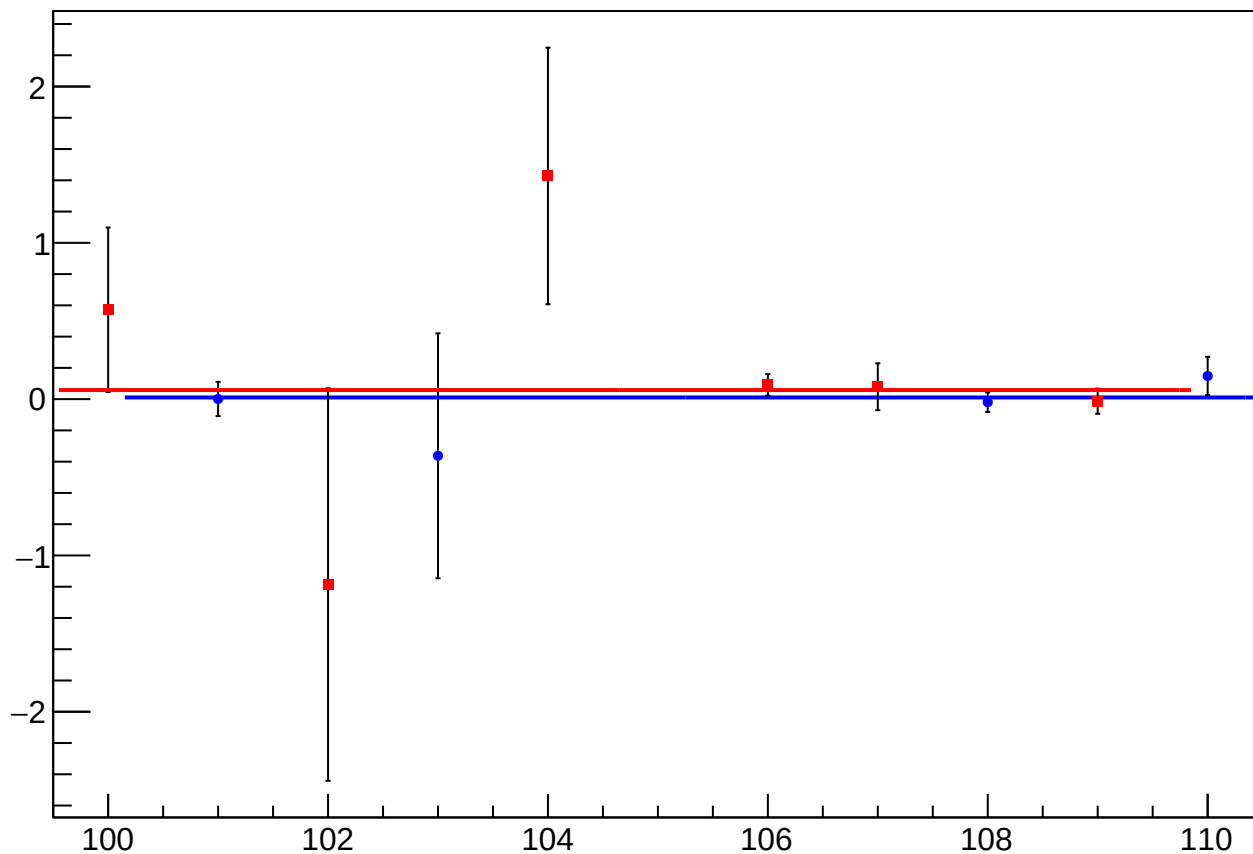
Right: 51.090+/-0.025 χ^2/NDF : 3295467.2/9

In: 54.165+/-0.035 χ^2/NDF : 1327617.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.090+/-0.025 χ^2/NDF : 3295467.2/9

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.049 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.049 χ^2/NDF : 5.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

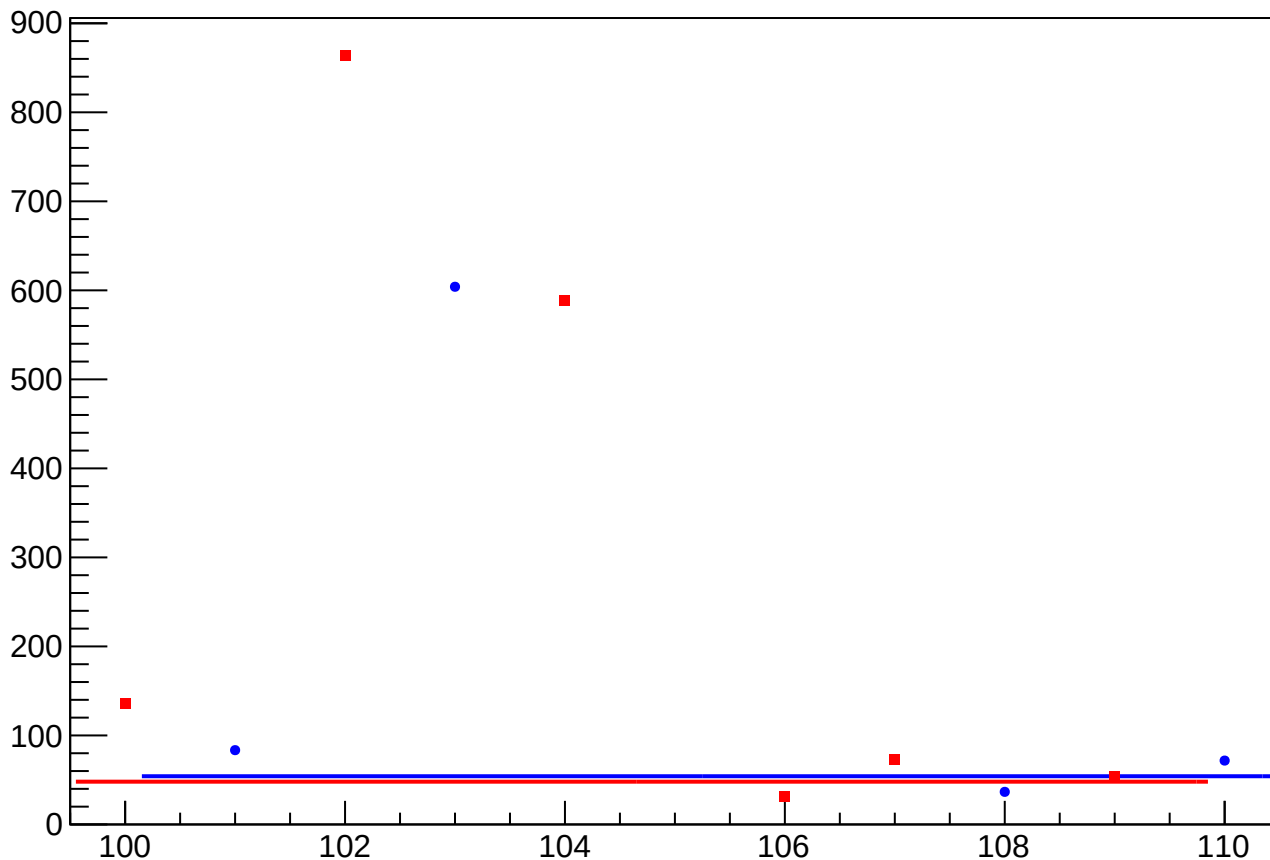
Right: 0.035+/-0.035 χ^2/NDF : 7.9/9

In: 0.011+/-0.049 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.035 χ^2/NDF : 7.9/9

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.165+/-0.035 χ^2/NDF : 1327617.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.059+/-0.035 χ^2/NDF : 1952506.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

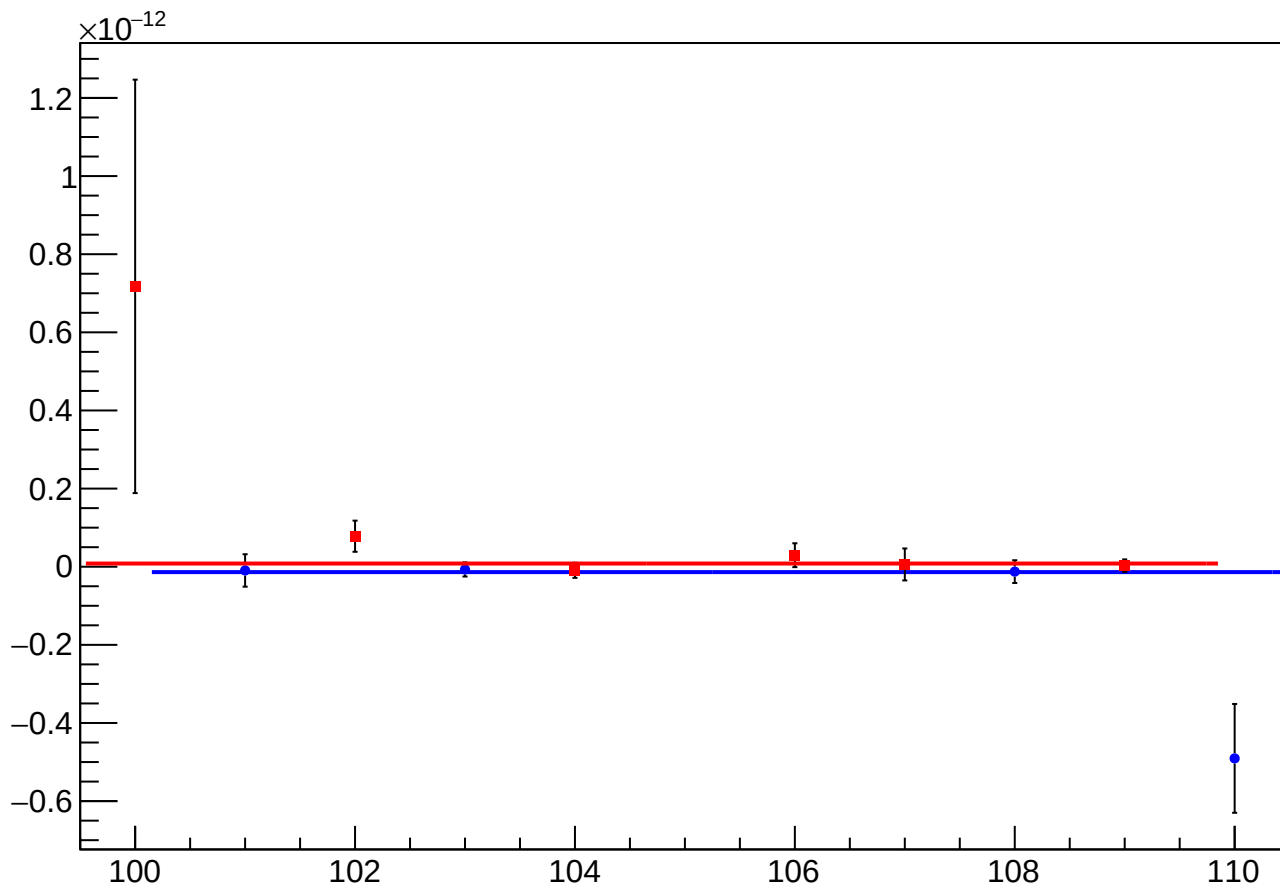
Right: 51.090+/-0.025 χ^2/NDF : 3295467.2/9

In: 54.165+/-0.035 χ^2/NDF : 1327617.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.090+/-0.025 χ^2/NDF : 3295467.2/9

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

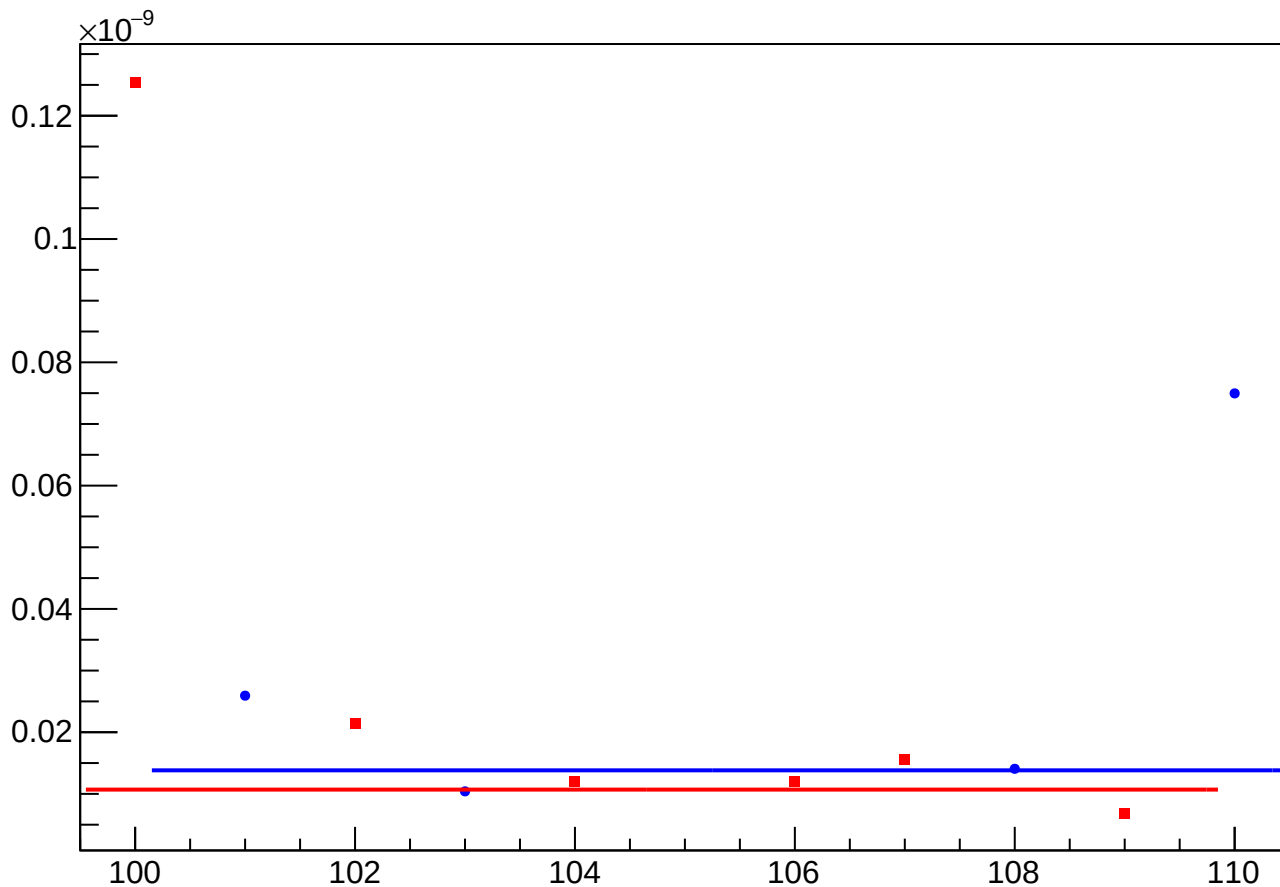
Right: 0.000+/-0.000 χ^2/NDF : 19.7/9

In: -0.000+/-0.000 χ^2/NDF : 11.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.7/9

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 627004.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 399181.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

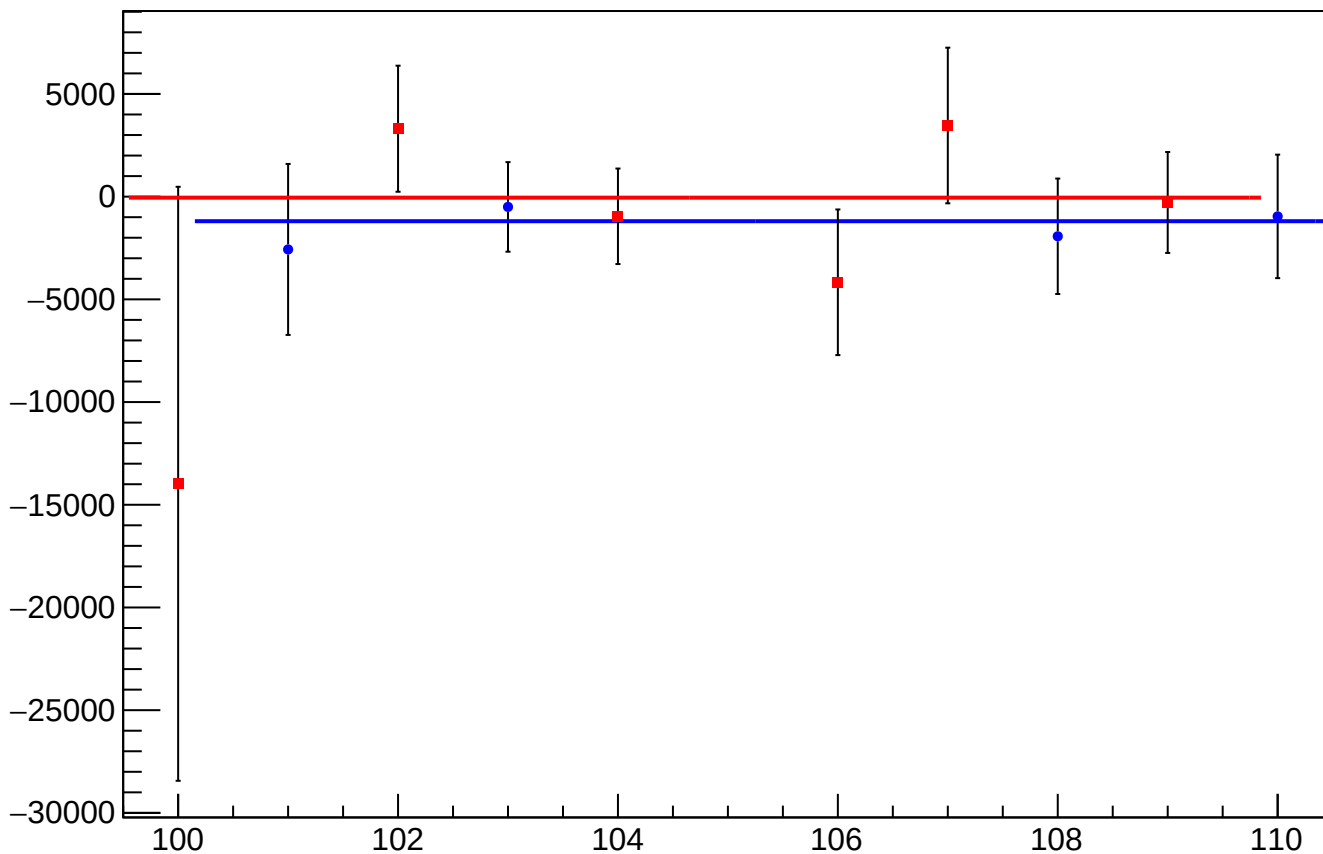
Right: 0.000+/-0.000 χ^2/NDF : 1087512.4/9

In: 0.000+/-0.000 χ^2/NDF : 627004.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1087512.4/9

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1195.518+/-1406.711 χ^2/NDF : 0.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -49.093+/-1279.262 χ^2/NDF : 4.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

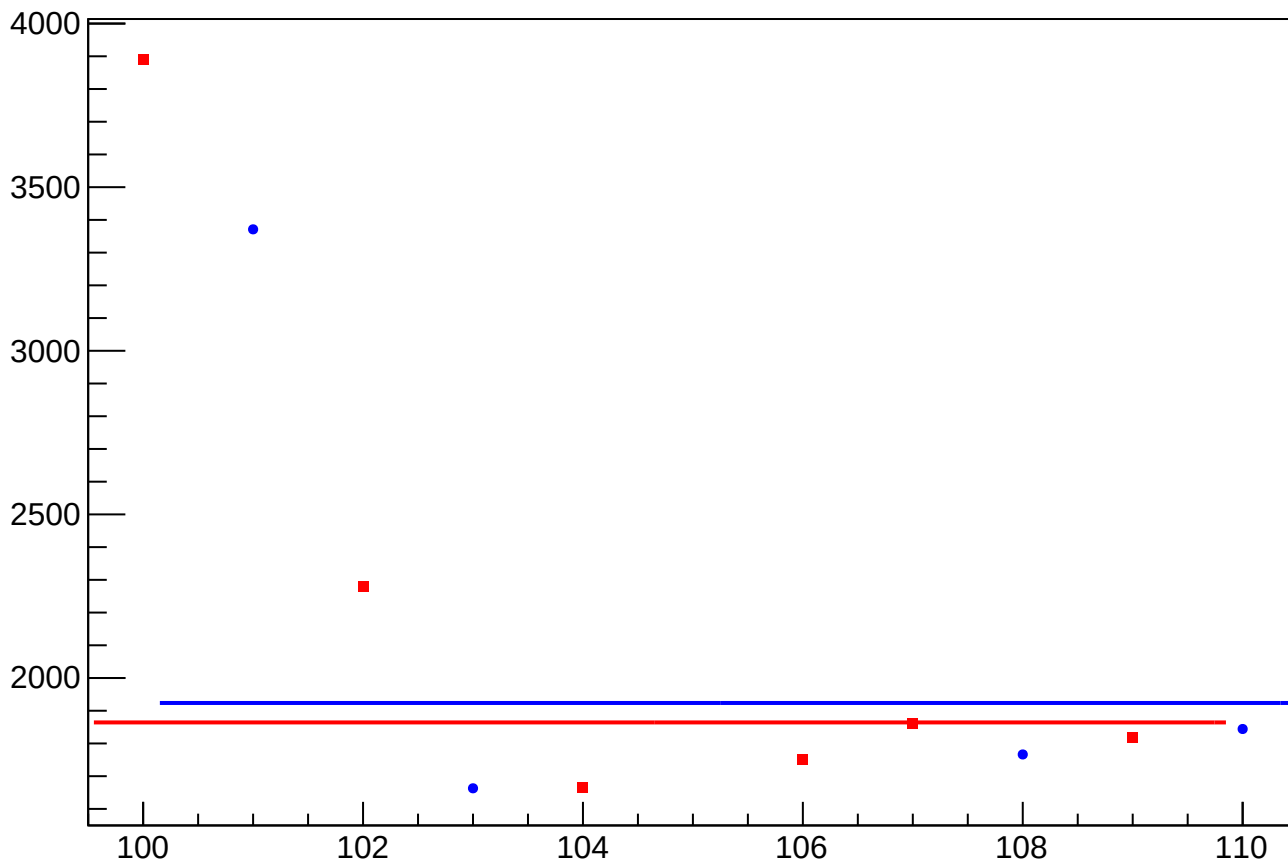
Right: -568.030+/-946.432 χ^2/NDF : 5.1/9

In: -1195.518+/-1406.711 χ^2/NDF : 0.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -568.030+/-946.432 χ^2/NDF : 5.1/9

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1923.744+/-0.995 χ^2/NDF : 278168.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1864.282+/-0.905 χ^2/NDF : 93419.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

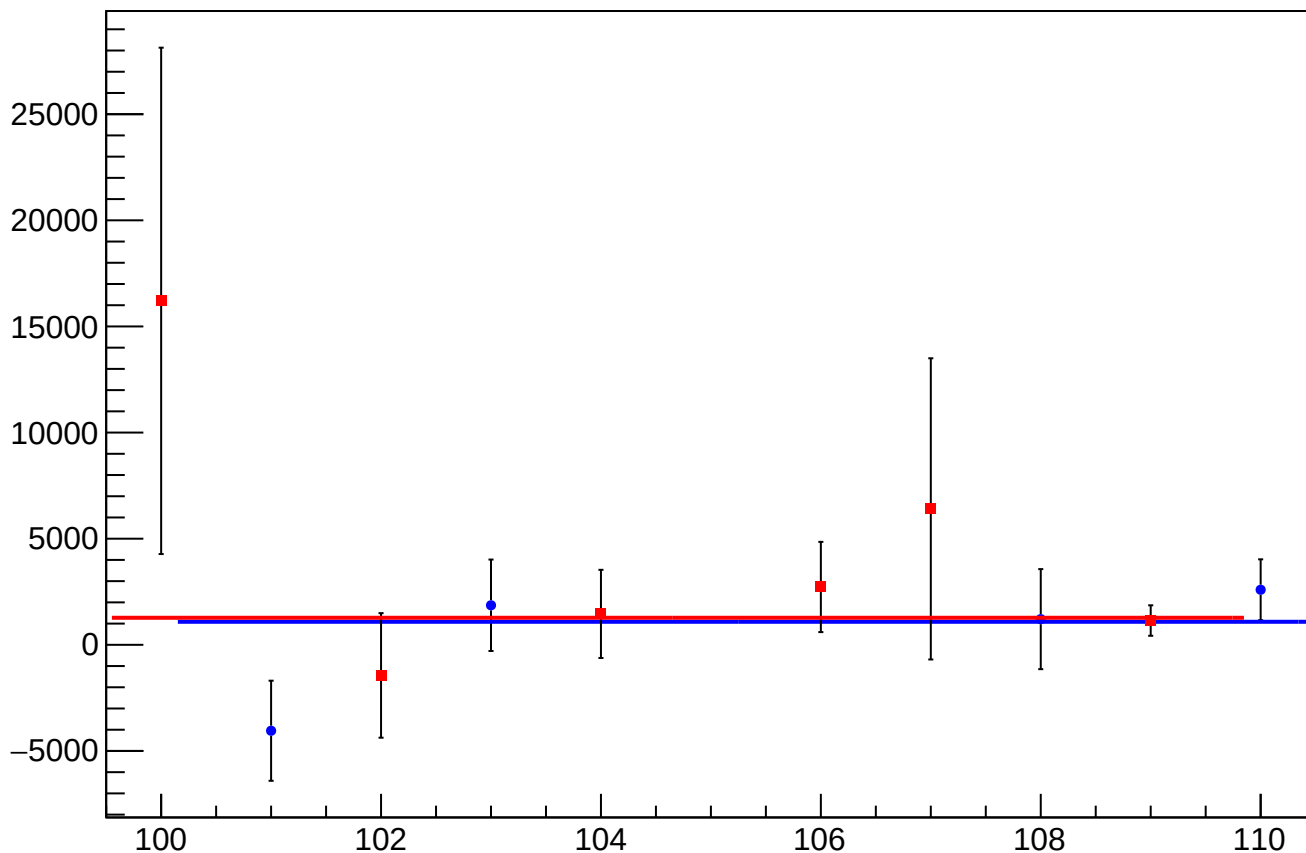
Right: 1891.198+/-0.669 χ^2/NDF : 373544.2/9

In: 1923.744+/-0.995 χ^2/NDF : 278168.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1891.198+/-0.669 χ^2/NDF : 373544.2/9

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 1085.422+/-970.623 χ^2/NDF : 6.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.559+/-627.835 χ^2/NDF : 3.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

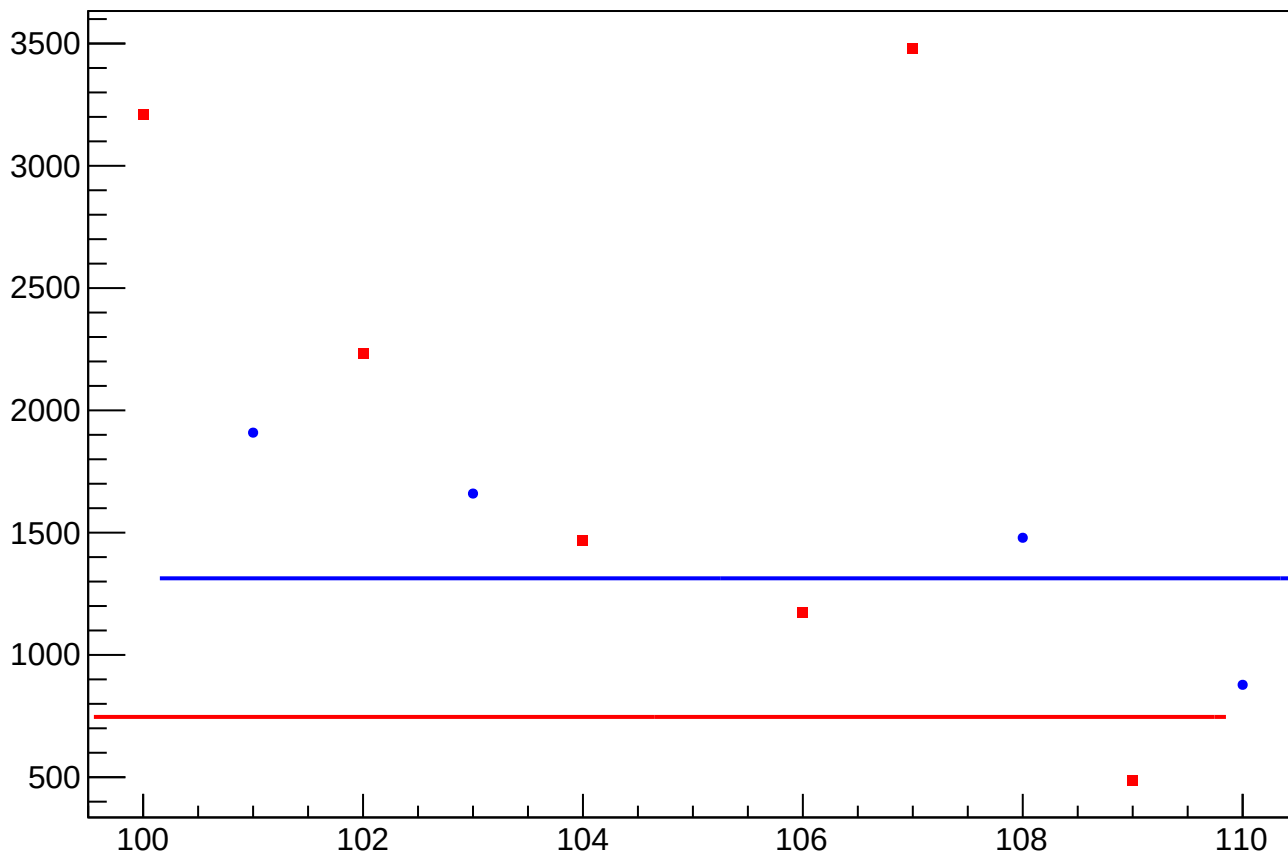
Right: 1218.767+/-527.165 χ^2/NDF : 9.5/9

In: 1085.422+/-970.623 χ^2/NDF : 6.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1218.767+/-527.165 χ^2/NDF : 9.5/9

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1313.281+/-0.686 χ^2/NDF : 373626.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 746.523+/-0.444 χ^2/NDF : 1480314.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

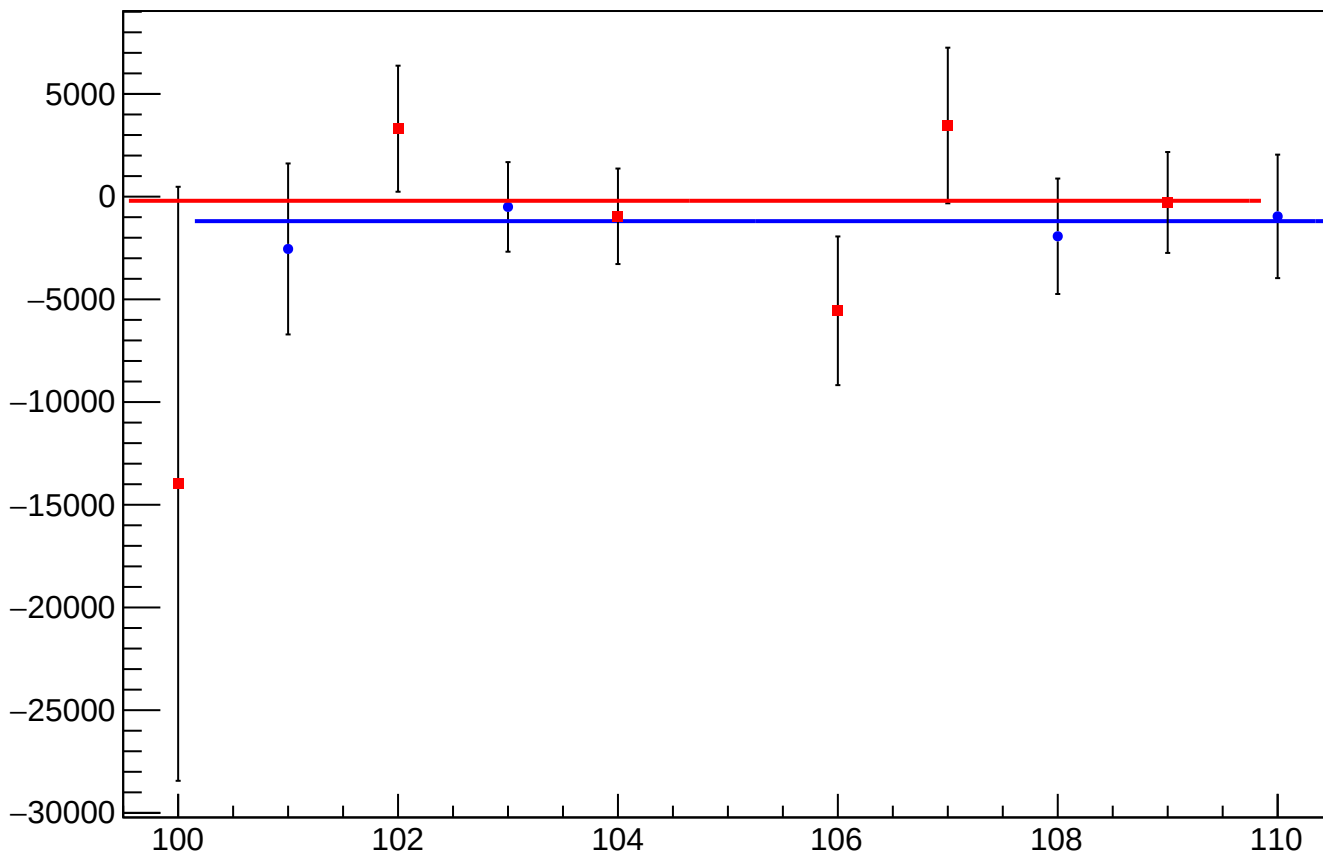
Right: 913.705+/-0.373 χ^2/NDF : 2334697.5/9

In: 1313.281+/-0.686 χ^2/NDF : 373626.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 913.705+/-0.373 χ^2/NDF : 2334697.5/9

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1192.705+/-1406.712 χ^2/NDF : 0.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.582+/-1282.677 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

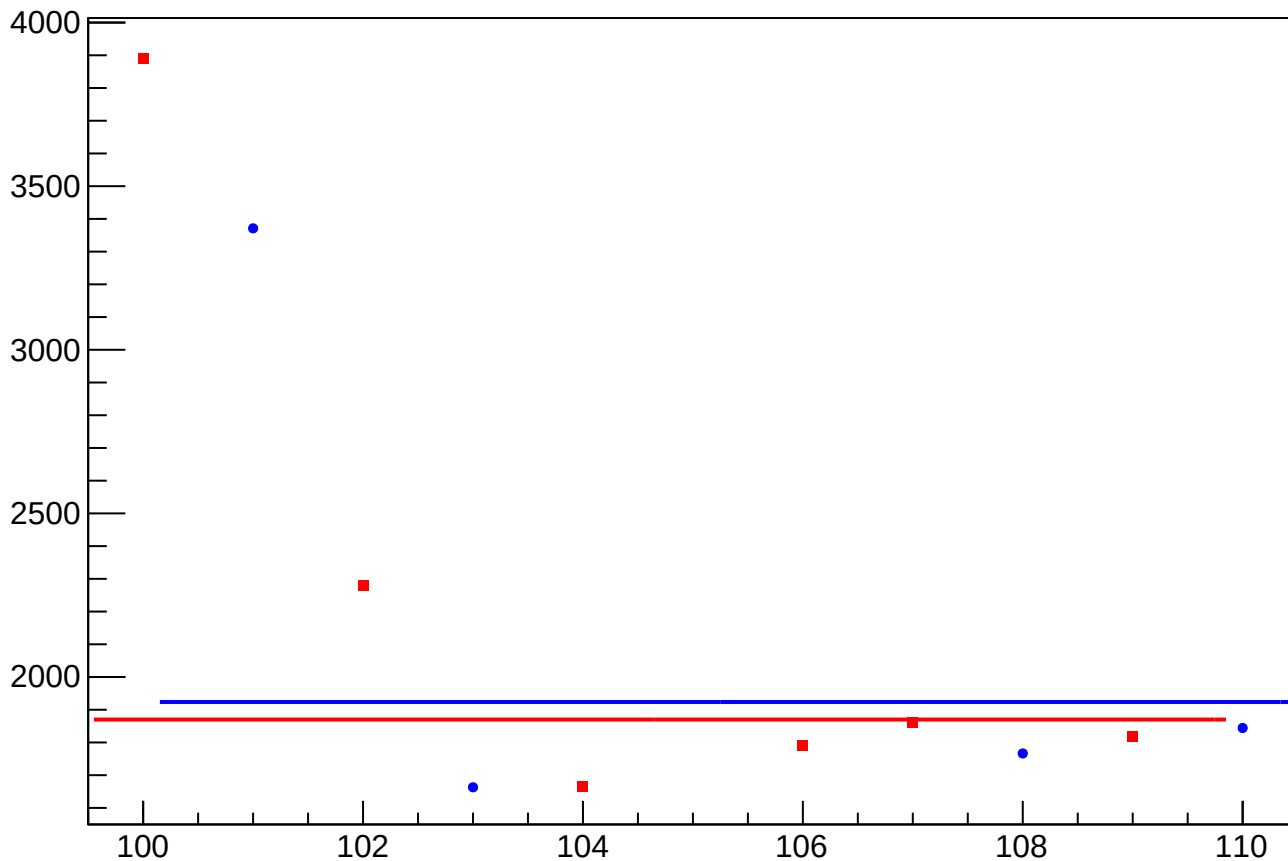
Right: -651.530+/-947.813 χ^2/NDF : 6.0/9

In: -1192.705+/-1406.712 χ^2/NDF : 0.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -651.530+/-947.813 χ^2/NDF : 6.0/9

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1923.744+/-0.995 χ^2/NDF : 278170.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1870.024+/-0.907 χ^2/NDF : 92131.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

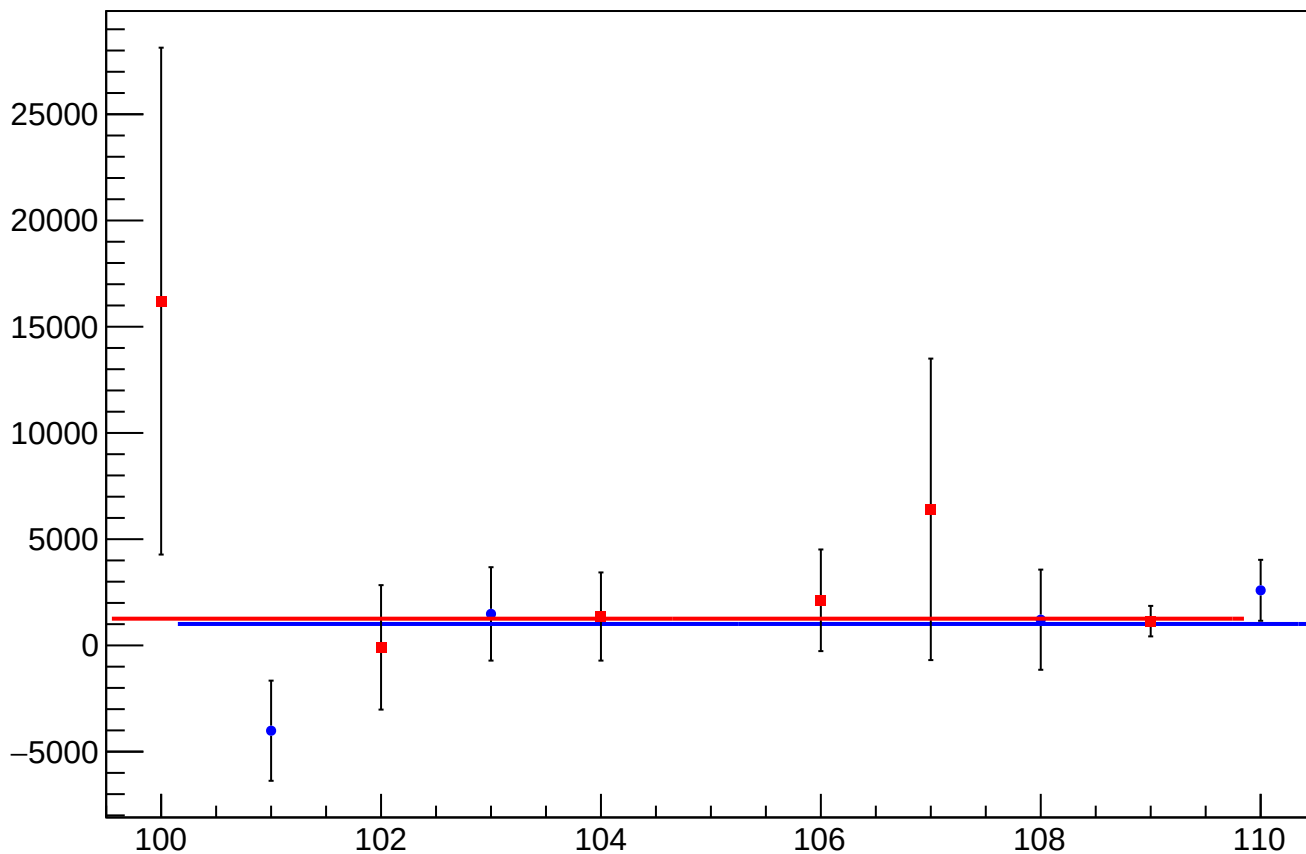
Right: 1894.412+/-0.670 χ^2/NDF : 371894.8/9

In: 1923.744+/-0.995 χ^2/NDF : 278170.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1894.412+/-0.670 χ^2/NDF : 371894.8/9

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 1009.424+/-974.525 χ^2/NDF : 5.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1258.324+/-633.536 χ^2/NDF : 2.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

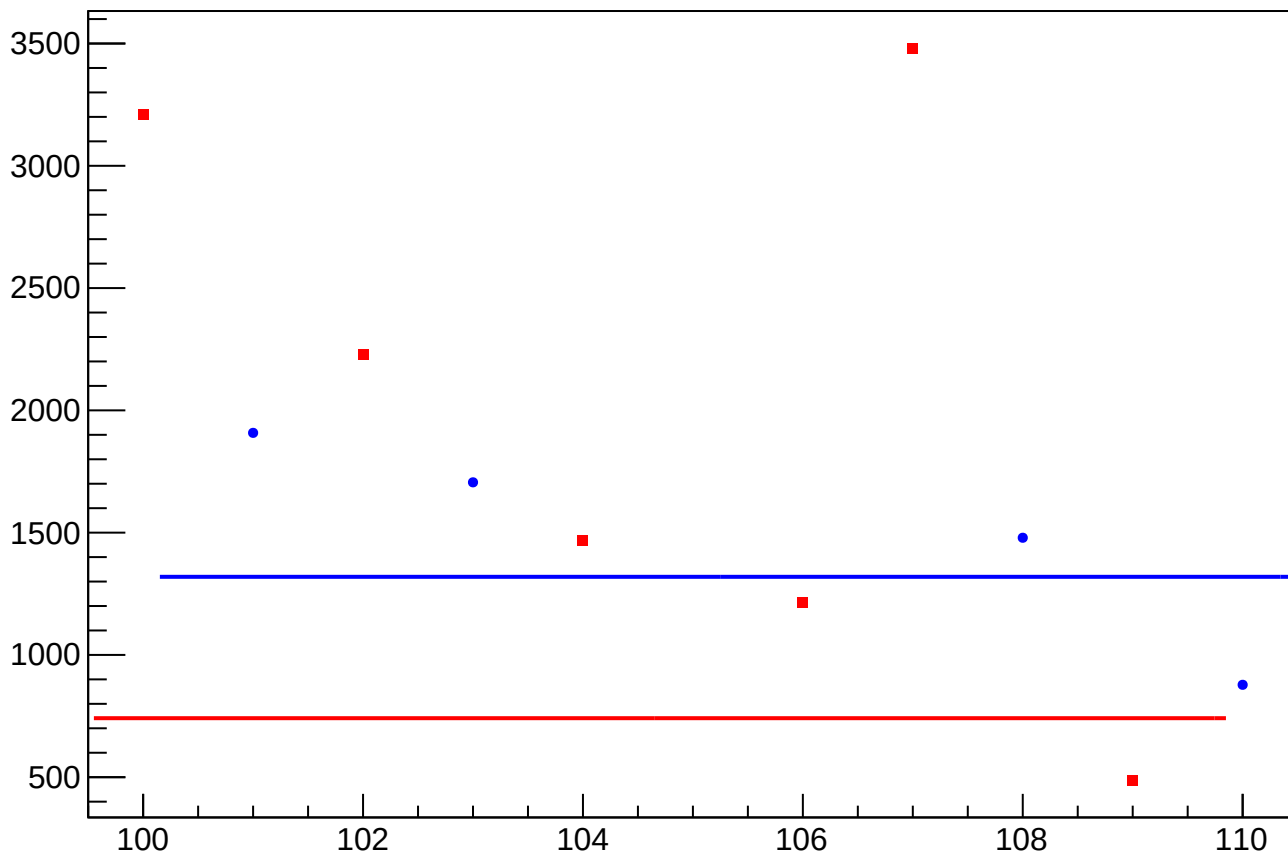
Right: 1184.382+/-531.160 χ^2/NDF : 8.3/9

In: 1009.424+/-974.525 χ^2/NDF : 5.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1184.382+/-531.160 χ^2/NDF : 8.3/9

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1319.385+/-0.689 χ^2/NDF : 385236.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 741.302+/-0.448 χ^2/NDF : 1473997.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

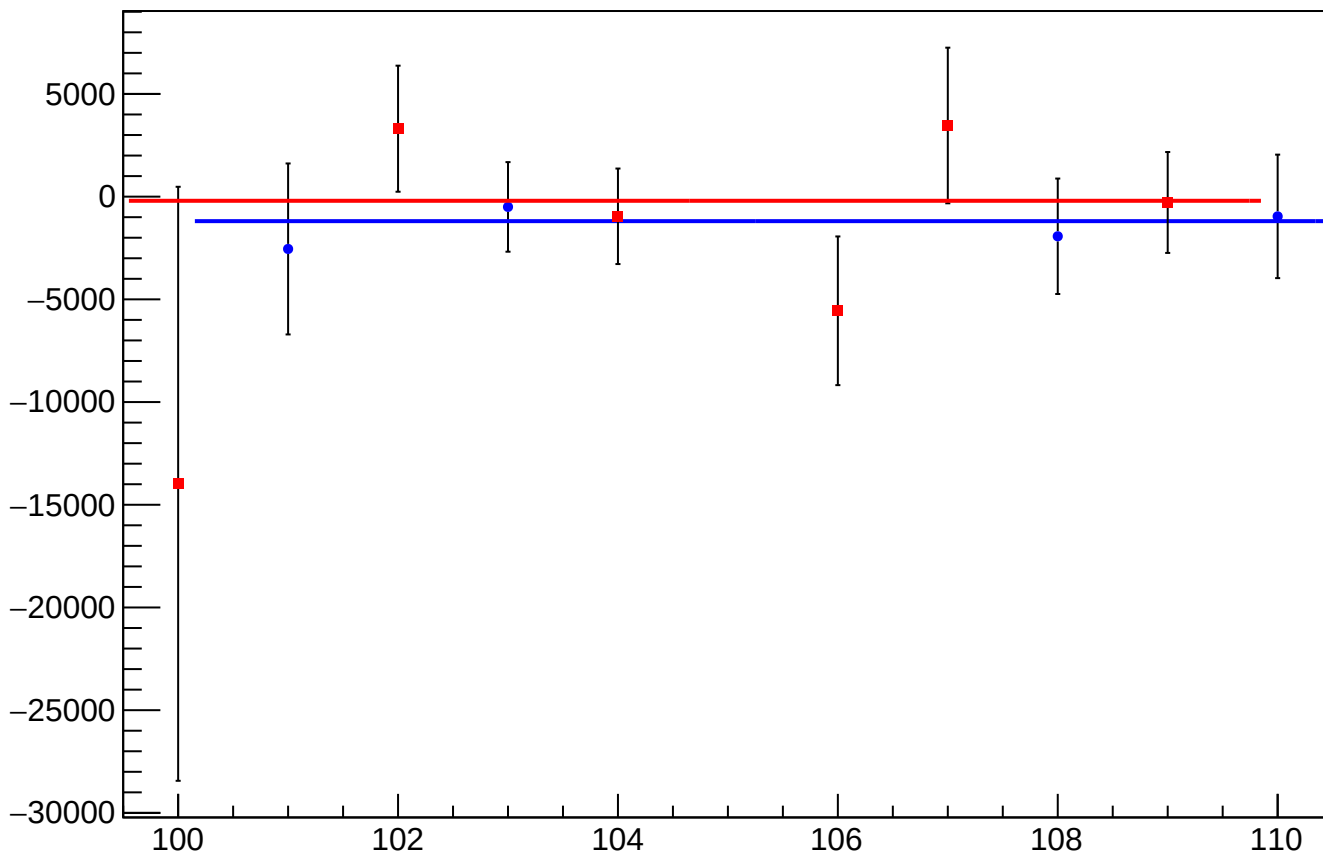
Right: 913.036+/-0.376 χ^2/NDF : 2353925.3/9

In: 1319.385+/-0.689 χ^2/NDF : 385236.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 913.036+/-0.376 χ^2/NDF : 2353925.3/9

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1192.705+/-1406.712 χ^2/NDF : 0.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.582+/-1282.677 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

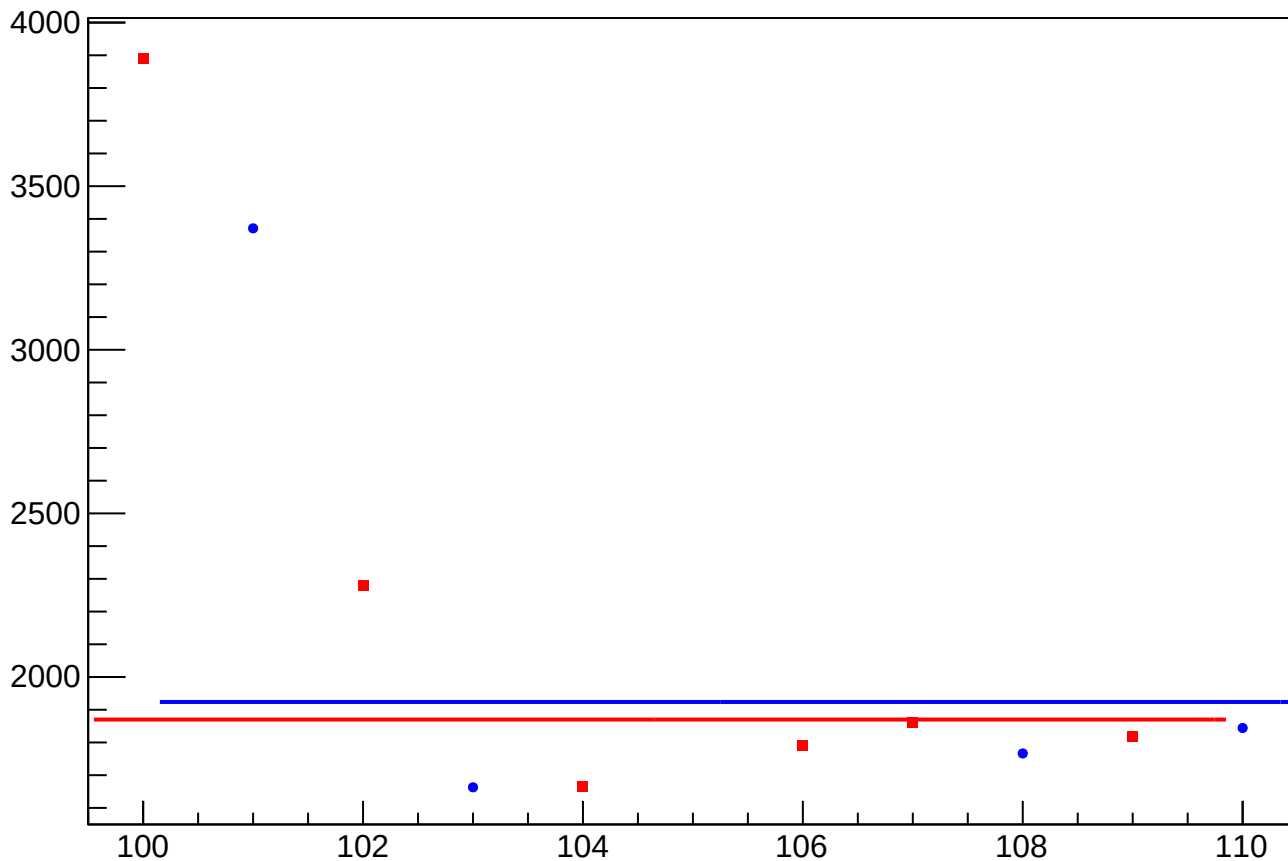
Right: -651.530+/-947.813 χ^2/NDF : 6.0/9

In: -1192.705+/-1406.712 χ^2/NDF : 0.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -651.530+/-947.813 χ^2/NDF : 6.0/9

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1923.744+/-0.995 χ^2/NDF : 278170.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1870.024+/-0.907 χ^2/NDF : 92131.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

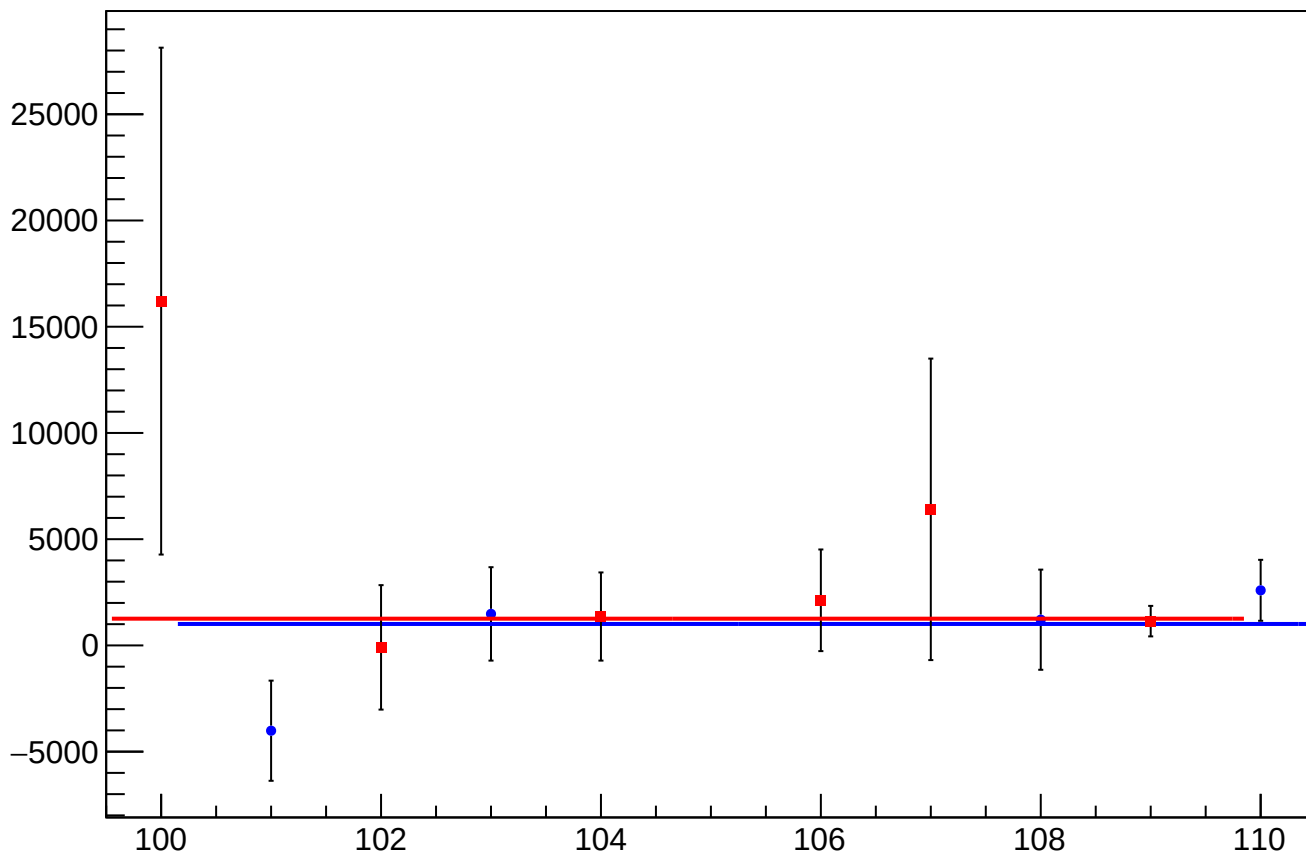
Right: 1894.412+/-0.670 χ^2/NDF : 371894.8/9

In: 1923.744+/-0.995 χ^2/NDF : 278170.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1894.412+/-0.670 χ^2/NDF : 371894.8/9

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1009.424+/-974.525 χ^2/NDF : 5.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1258.324+/-633.536 χ^2/NDF : 2.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

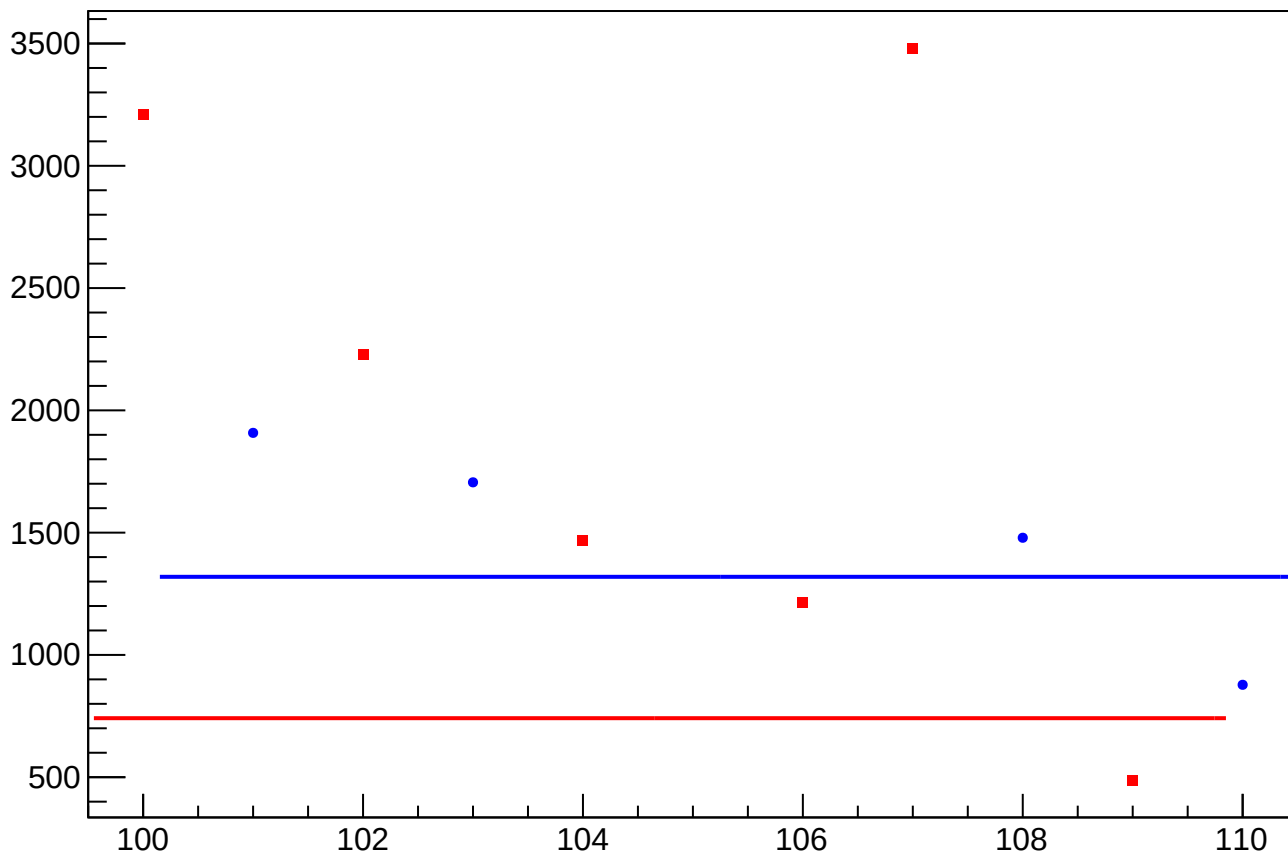
Right: 1184.382+/-531.160 χ^2/NDF : 8.3/9

In: 1009.424+/-974.525 χ^2/NDF : 5.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1184.382+/-531.160 χ^2/NDF : 8.3/9

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1319.385+/-0.689 χ^2/NDF : 385236.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 741.302+/-0.448 χ^2/NDF : 1473997.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

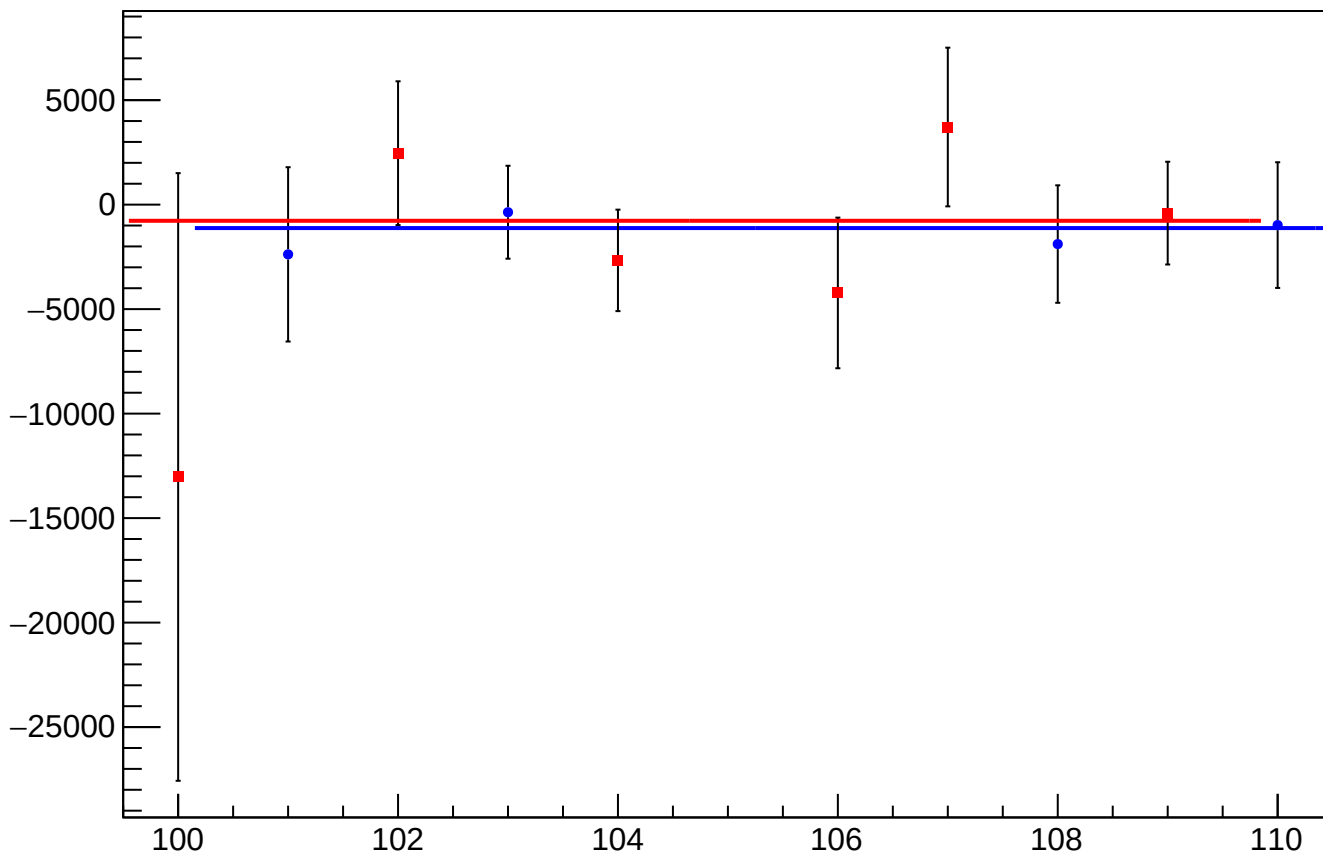
Right: 913.036+/-0.376 χ^2/NDF : 2353925.3/9

In: 1319.385+/-0.689 χ^2/NDF : 385236.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 913.036+/-0.376 χ^2/NDF : 2353925.3/9

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1121.663+/-1418.519 χ^2/NDF : 0.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -773.350+/-1323.751 χ^2/NDF : 4.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

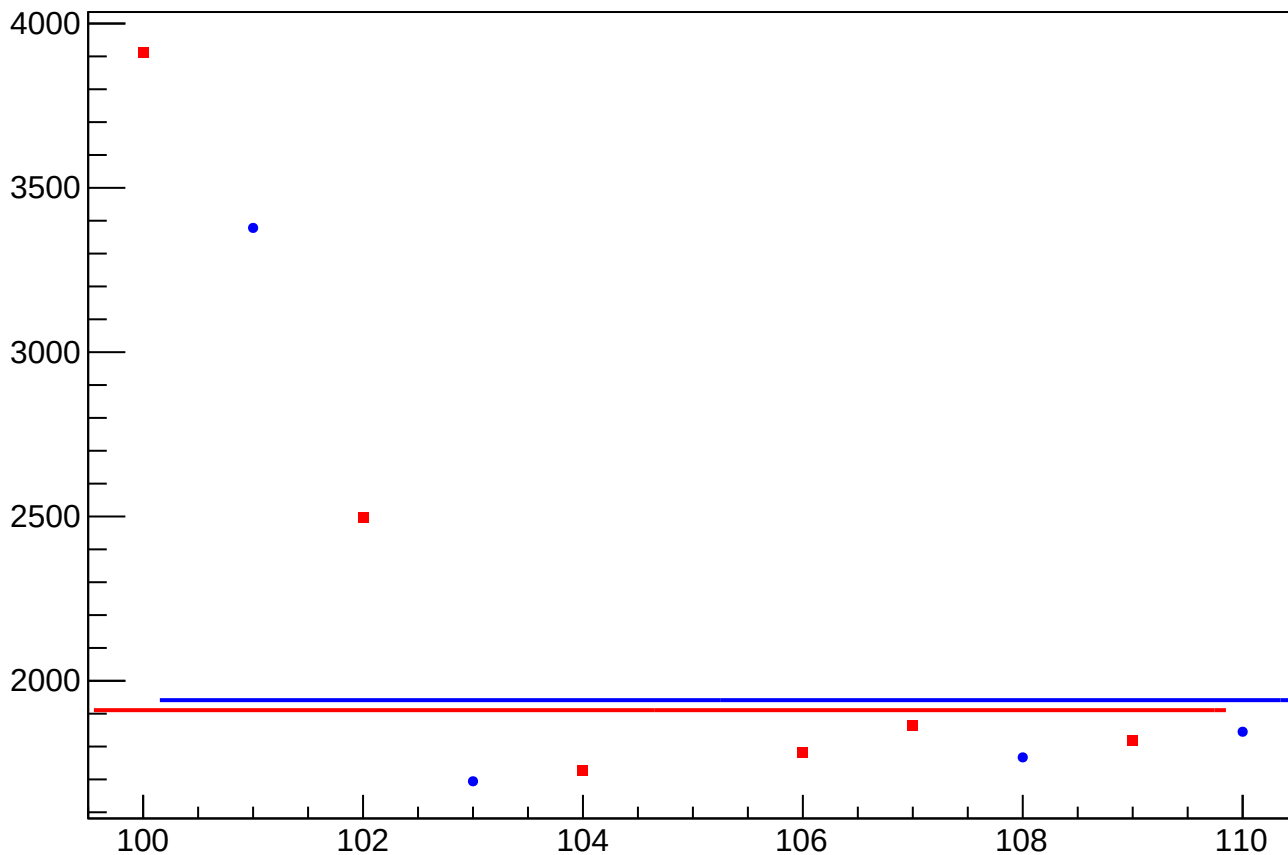
Right: -935.484+/-967.803 χ^2/NDF : 4.9/9

In: -1121.663+/-1418.519 χ^2/NDF : 0.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -935.484+/-967.803 χ^2/NDF : 4.9/9

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1941.164+/-1.003 χ^2/NDF : 271809.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1910.691+/-0.936 χ^2/NDF : 112942.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

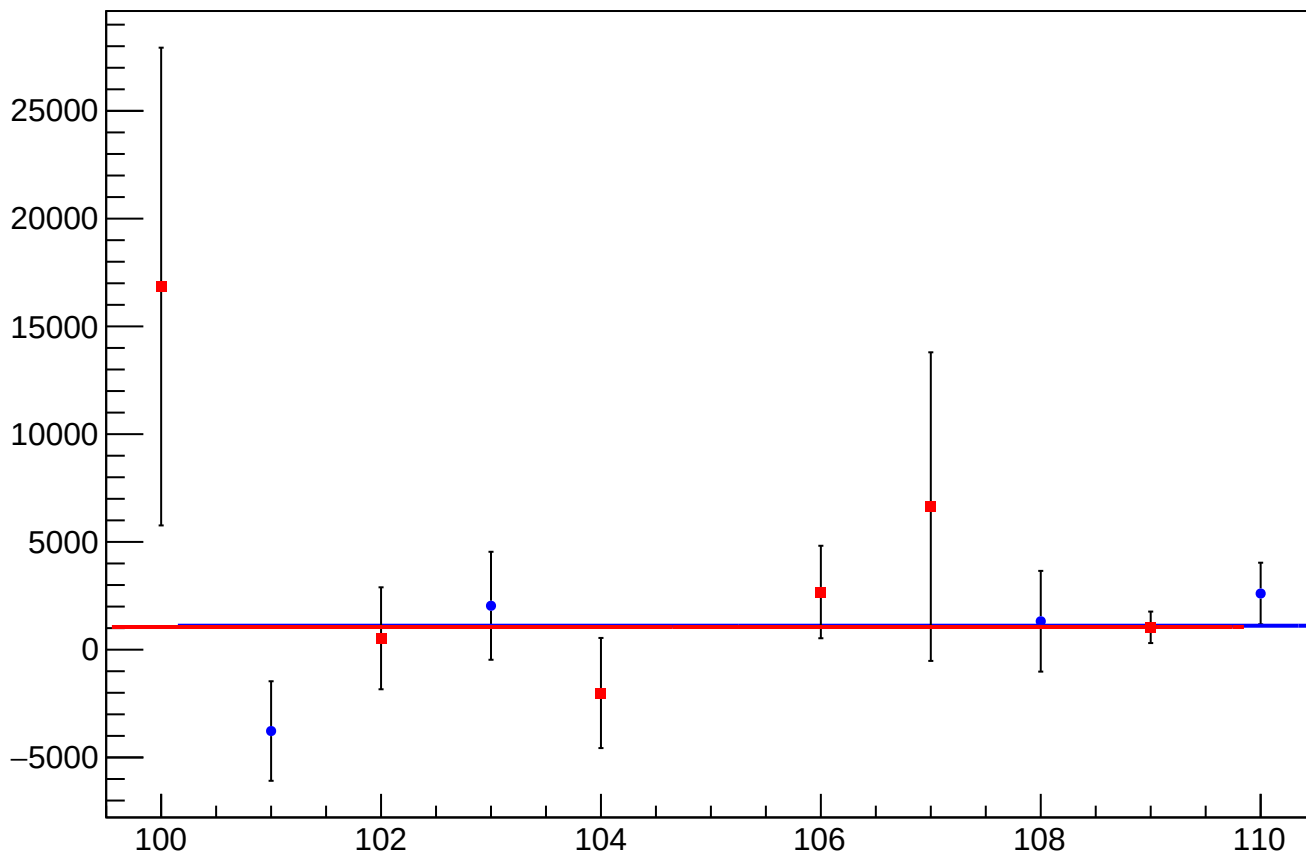
Right: 1924.876+/-0.684 χ^2/NDF : 385245.2/9

In: 1941.164+/-1.003 χ^2/NDF : 271809.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1924.876+/-0.684 χ^2/NDF : 385245.2/9

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 1111.833+/-990.582 χ^2/NDF : 5.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1052.166+/-638.769 χ^2/NDF : 4.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

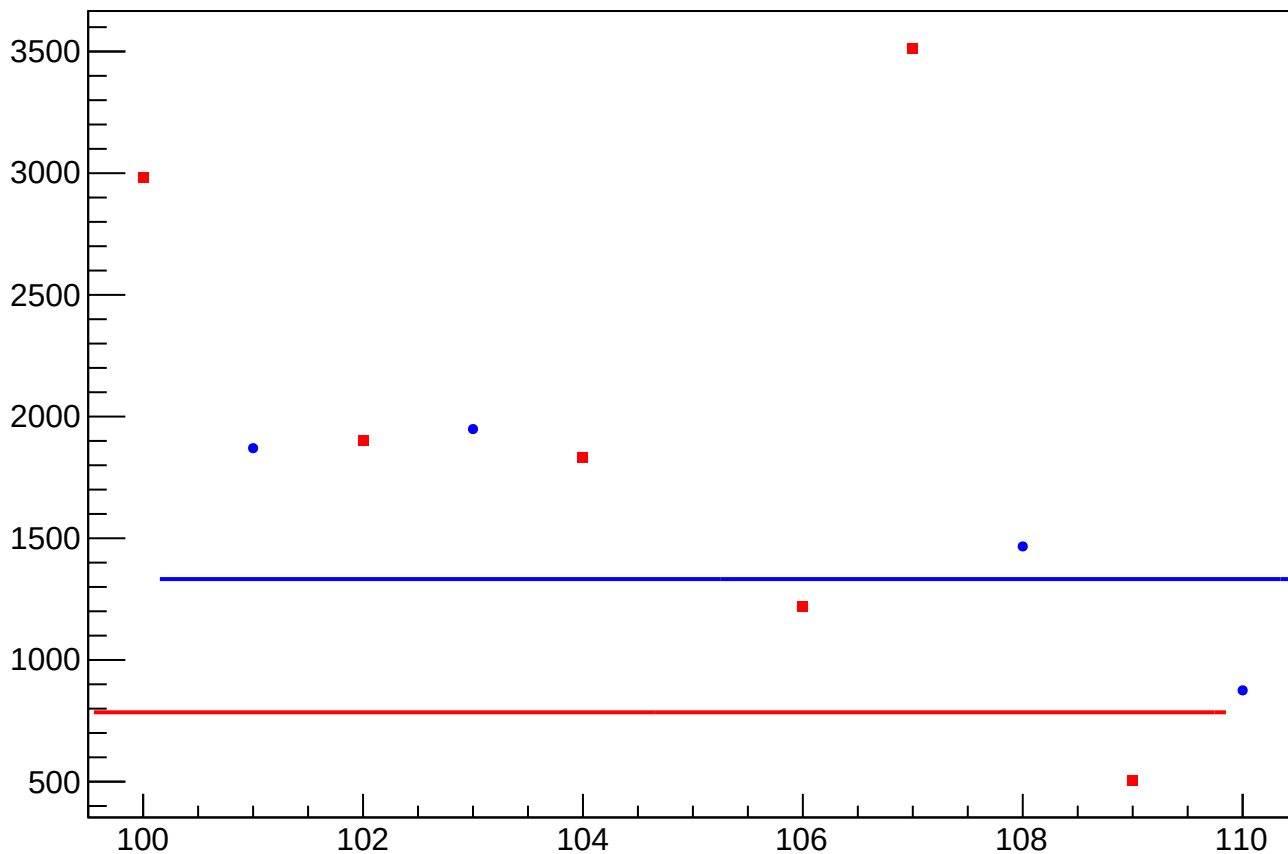
Right: 1069.690+/-536.834 χ^2/NDF : 10.4/9

In: 1111.833+/-990.582 χ^2/NDF : 5.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.690+/-536.834 χ^2/NDF : 10.4/9

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1332.317+/-0.700 χ^2/NDF : 440721.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 784.949+/-0.452 χ^2/NDF : 1530808.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

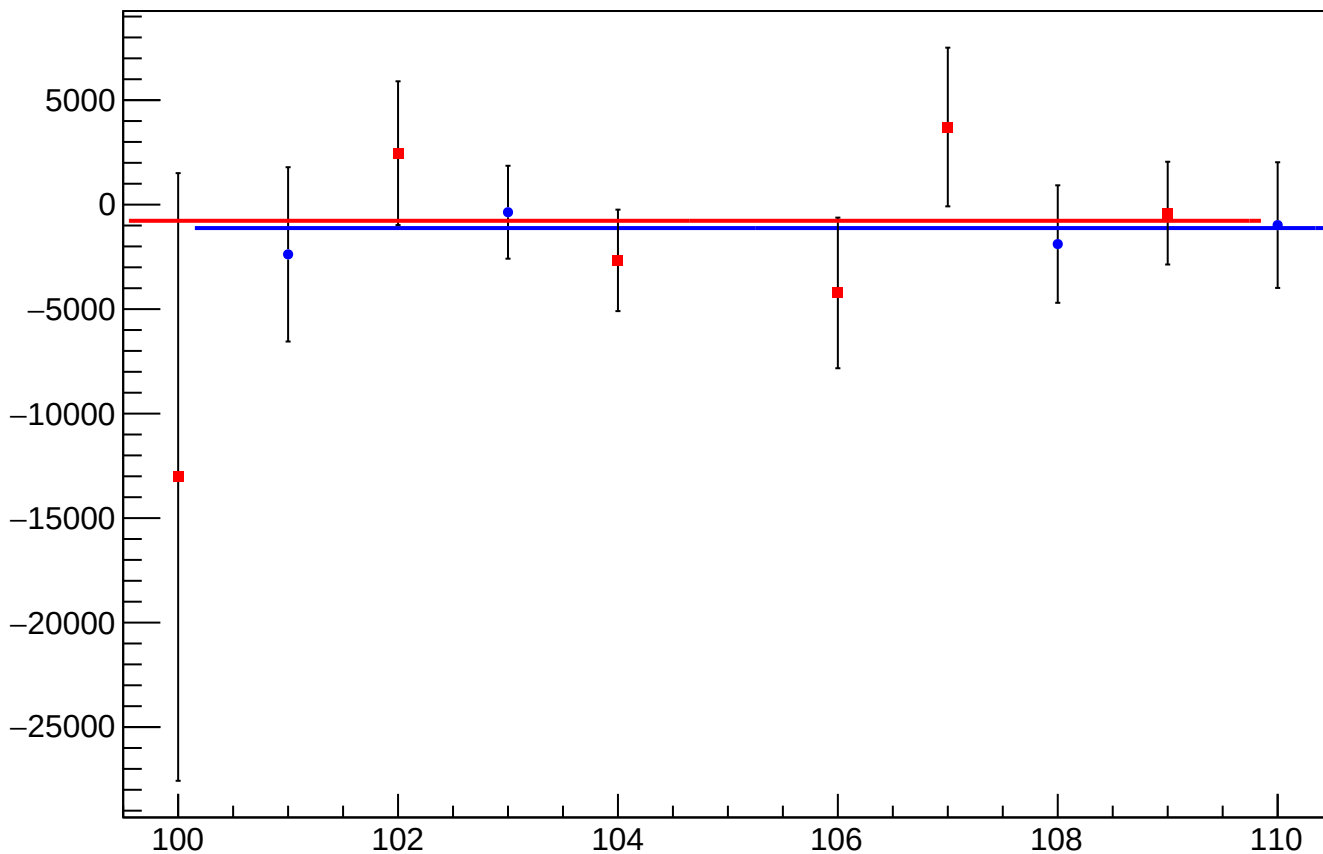
Right: 945.709+/-0.380 χ^2/NDF : 2402849.5/9

In: 1332.317+/-0.700 χ^2/NDF : 440721.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 945.709+/-0.380 χ^2/NDF : 2402849.5/9

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1121.661+/-1418.519 χ^2/NDF : 0.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -773.351+/-1323.752 χ^2/NDF : 4.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

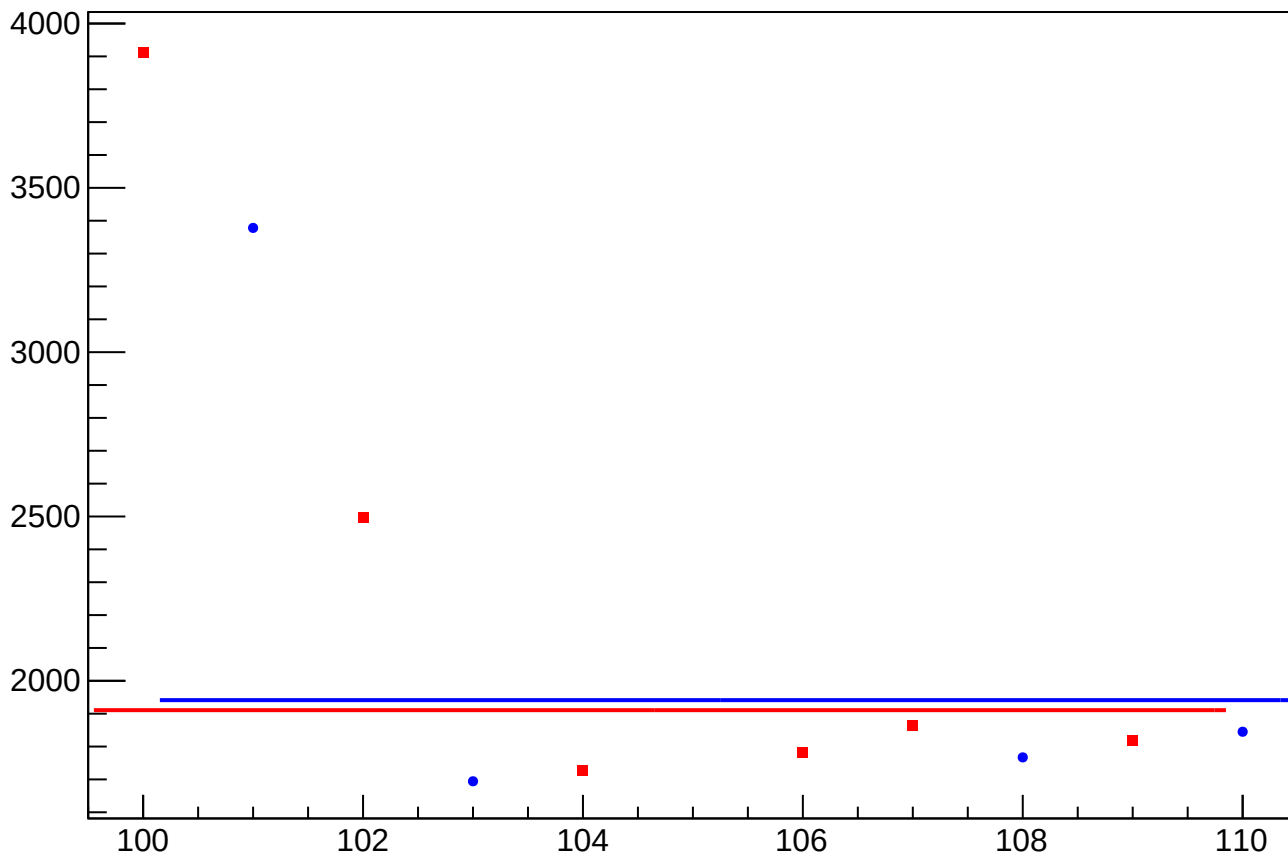
Right: -935.483+/-967.803 χ^2/NDF : 4.9/9

In: -1121.661+/-1418.519 χ^2/NDF : 0.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -935.483+/-967.803 χ^2/NDF : 4.9/9

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1941.165+/-1.003 χ^2/NDF : 271809.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1910.691+/-0.936 χ^2/NDF : 112942.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

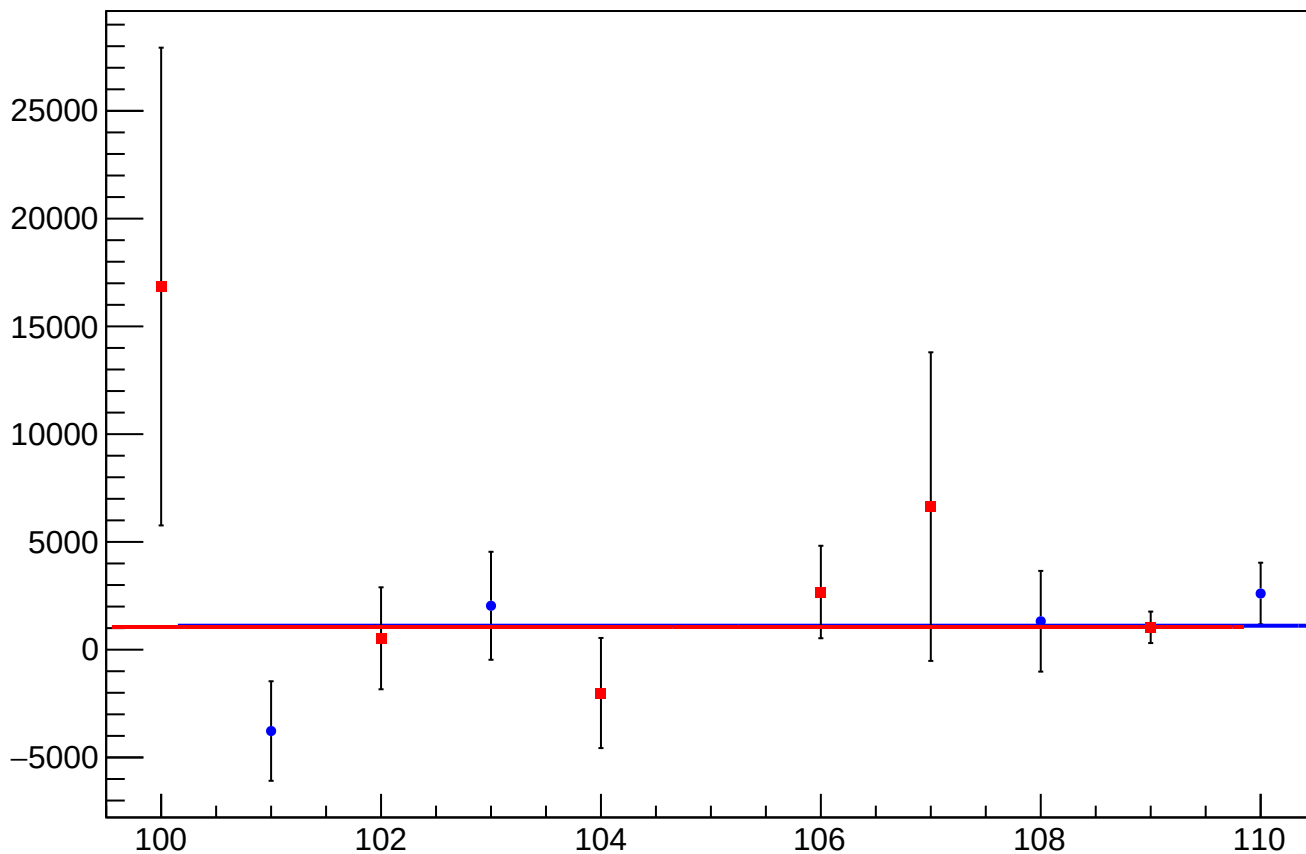
Right: 1924.876+/-0.684 χ^2/NDF : 385245.1/9

In: 1941.165+/-1.003 χ^2/NDF : 271809.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1924.876+/-0.684 χ^2/NDF : 385245.1/9

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1111.834+/-990.577 χ^2/NDF : 5.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1052.168+/-638.770 χ^2/NDF : 4.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

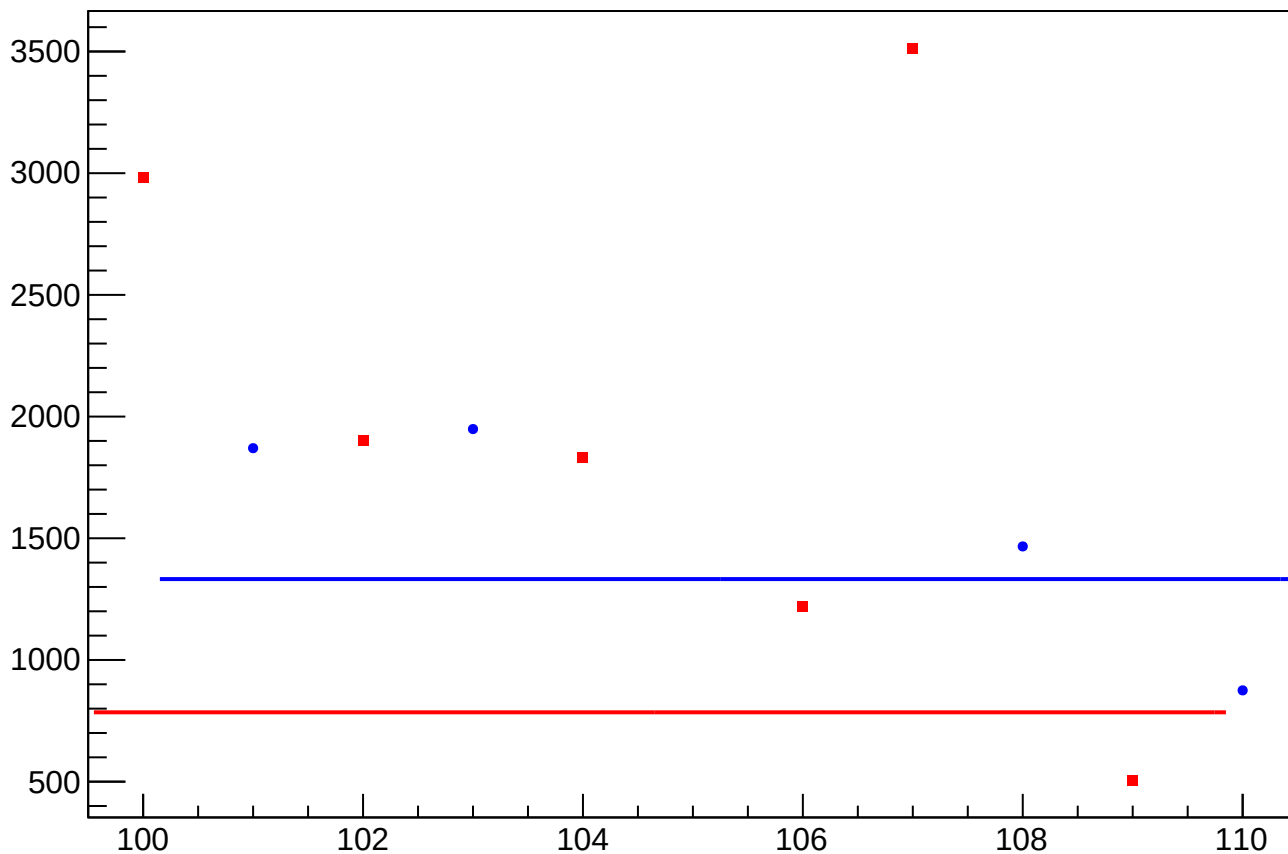
Right: 1069.692+/-536.833 χ^2/NDF : 10.4/9

In: 1111.834+/-990.577 χ^2/NDF : 5.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.692+/-536.833 χ^2/NDF : 10.4/9

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1332.309+/-0.700 χ^2/NDF : 440729.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 784.951+/-0.452 χ^2/NDF : 1530805.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

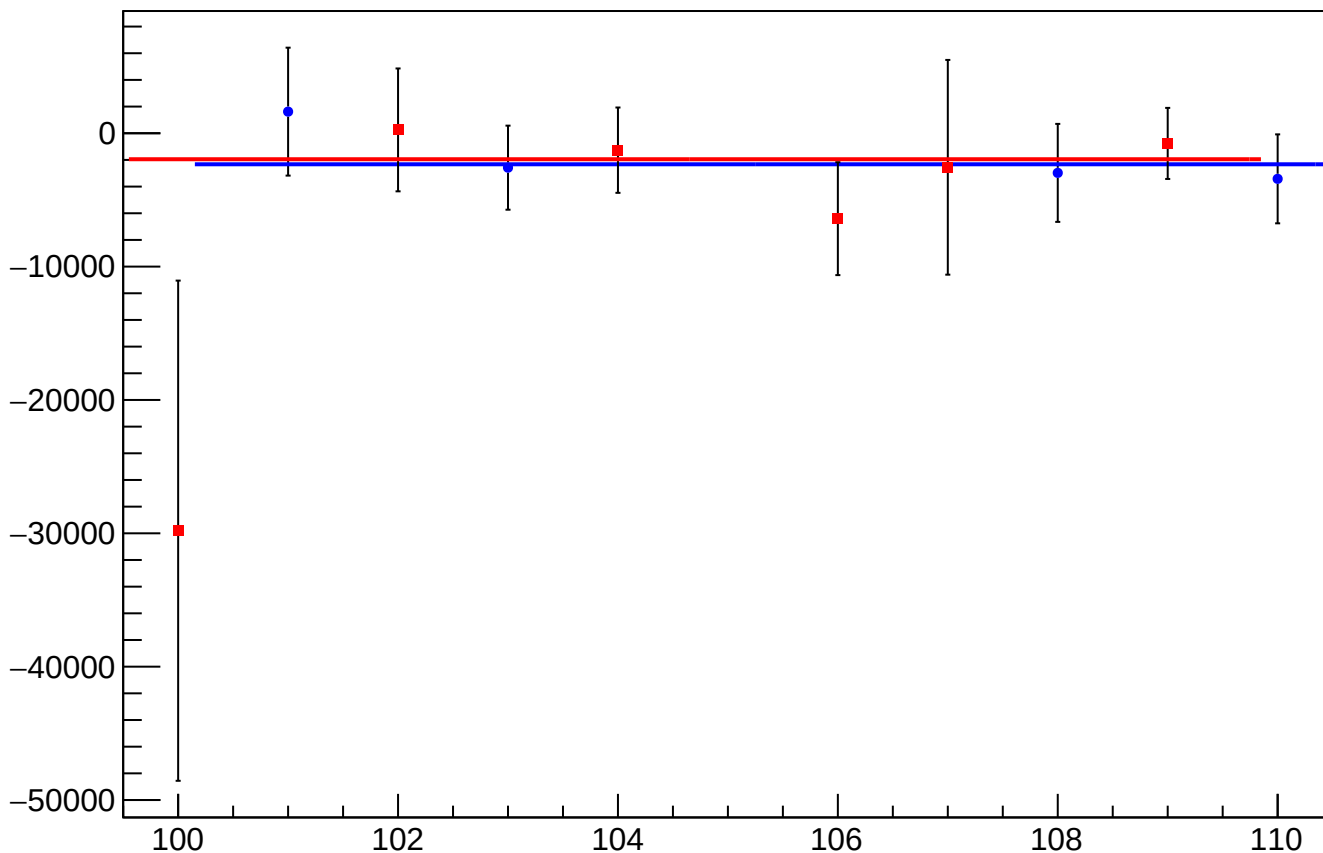
Right: 945.710+/-0.380 χ^2/NDF : 2402840.9/9

In: 1332.309+/-0.700 χ^2/NDF : 440729.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 945.710+/-0.380 χ^2/NDF : 2402840.9/9

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2327.465+/-1801.570 χ^2 /NDF: 0.8/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1948.709+/-1667.547 χ^2 /NDF: 3.8/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

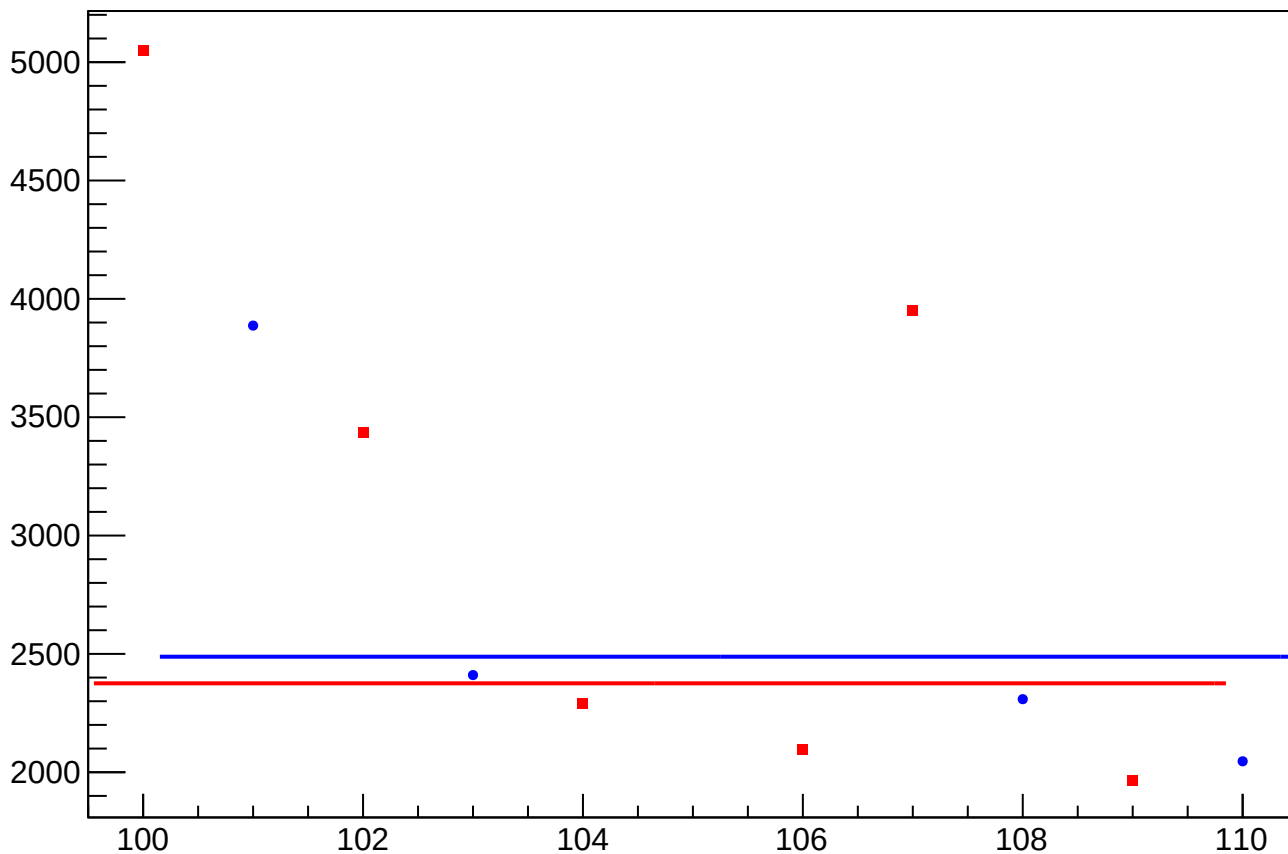
Right: -2123.476+/-1223.774 χ^2 /NDF: 4.6/9

In: -2327.465+/-1801.570 χ^2 /NDF: 0.8/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2123.476+/-1223.774 χ^2 /NDF: 4.6/9

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2488.066+/-1.274 χ^2/NDF : 211194.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2375.647+/-1.179 χ^2/NDF : 280581.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

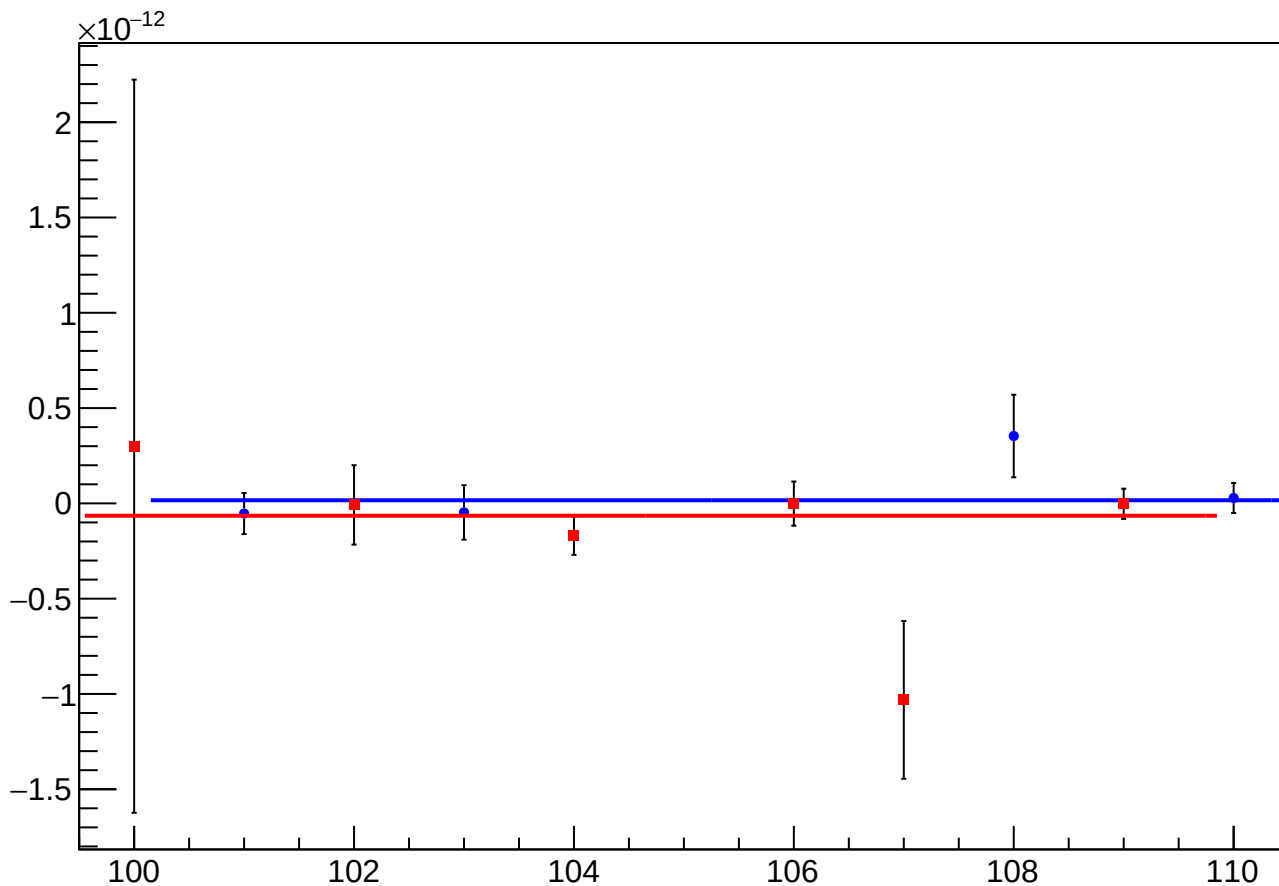
Right: 2427.519+/-0.865 χ^2/NDF : 495970.4/9

In: 2488.066+/-1.274 χ^2/NDF : 211194.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2427.519+/-0.865 χ^2/NDF : 495970.4/9

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

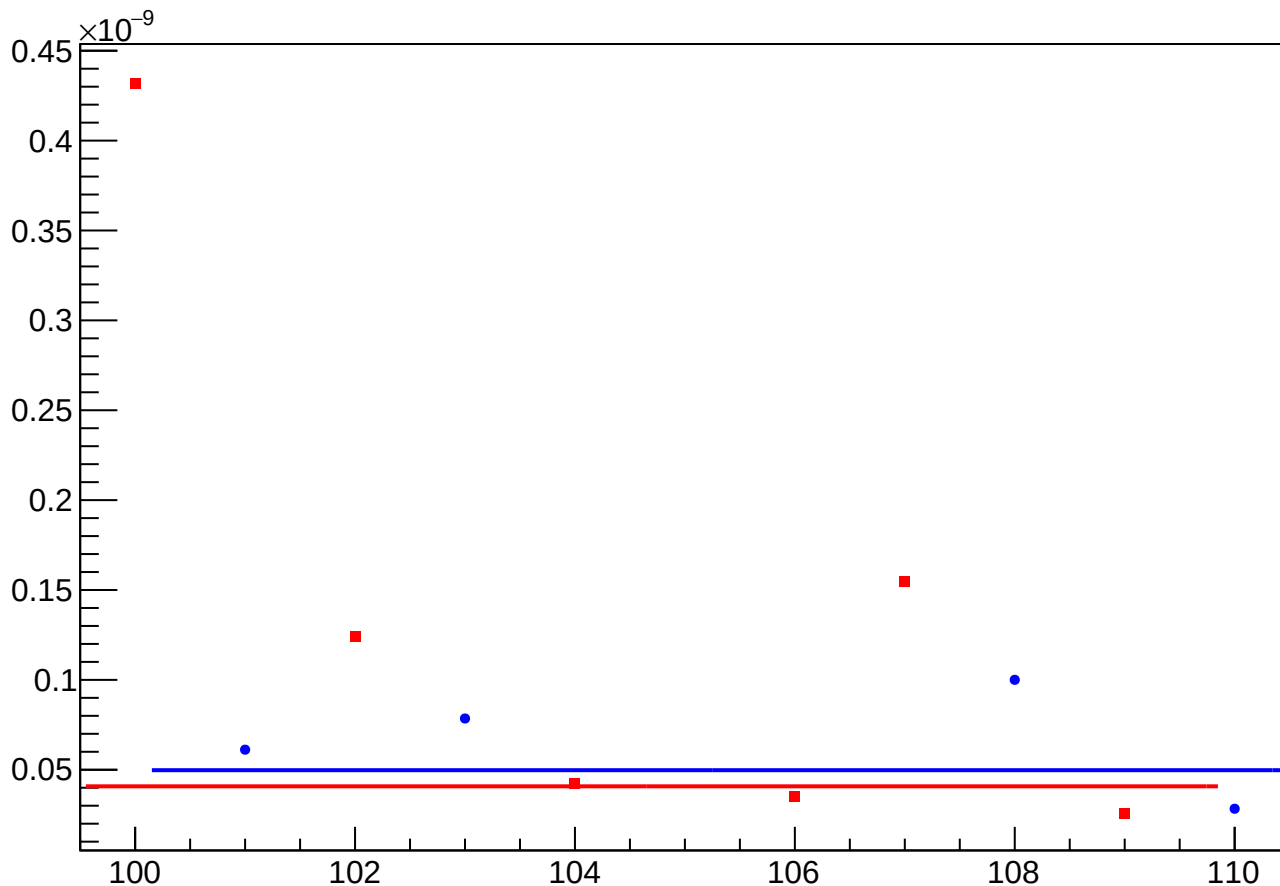
Right: -0.000+/-0.000 χ^2/NDF : 11.8/9

In: 0.000+/-0.000 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.8/9

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 359517.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 632218.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

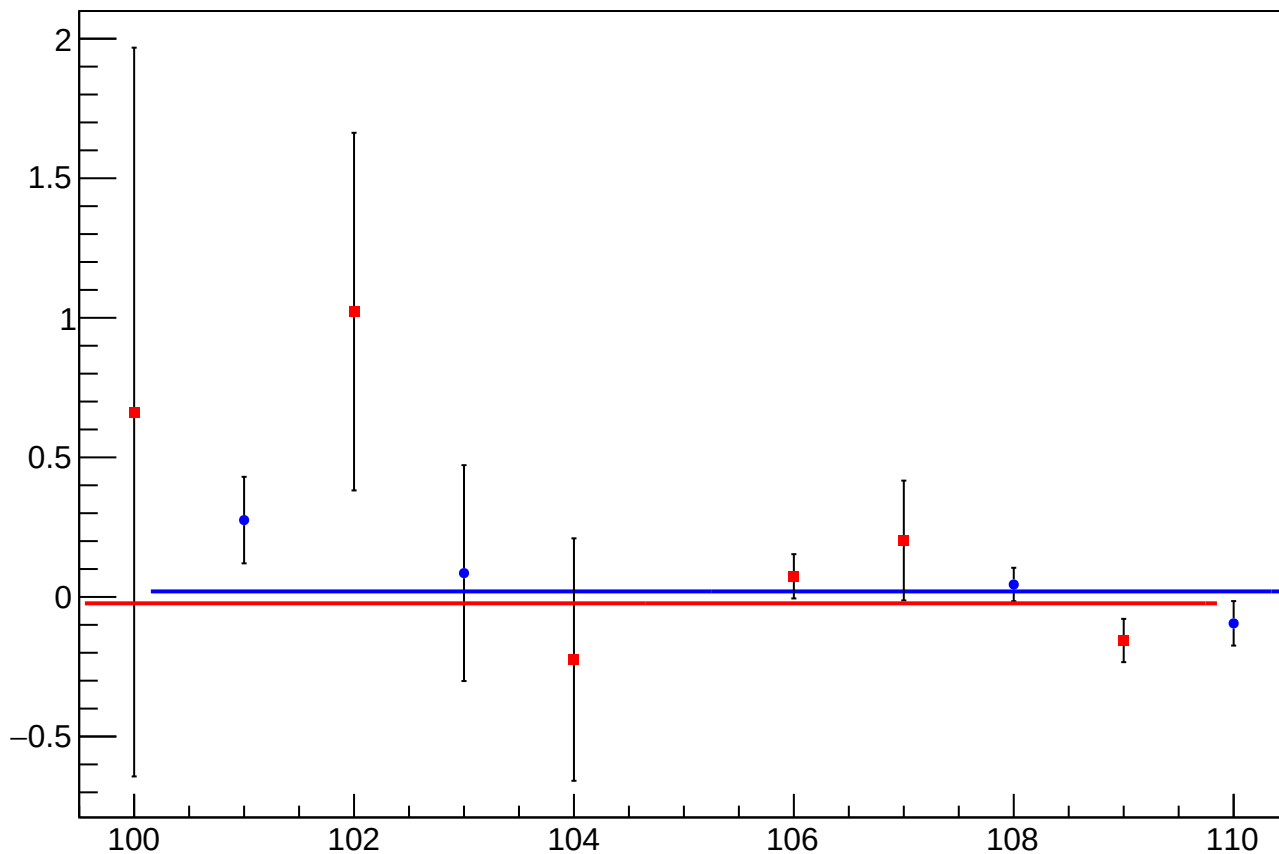
Right: 0.000+/-0.000 χ^2/NDF : 1018969.6/9

In: 0.000+/-0.000 χ^2/NDF : 359517.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1018969.6/9

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.045 χ^2 /NDF: 5.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.053 χ^2 /NDF: 8.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

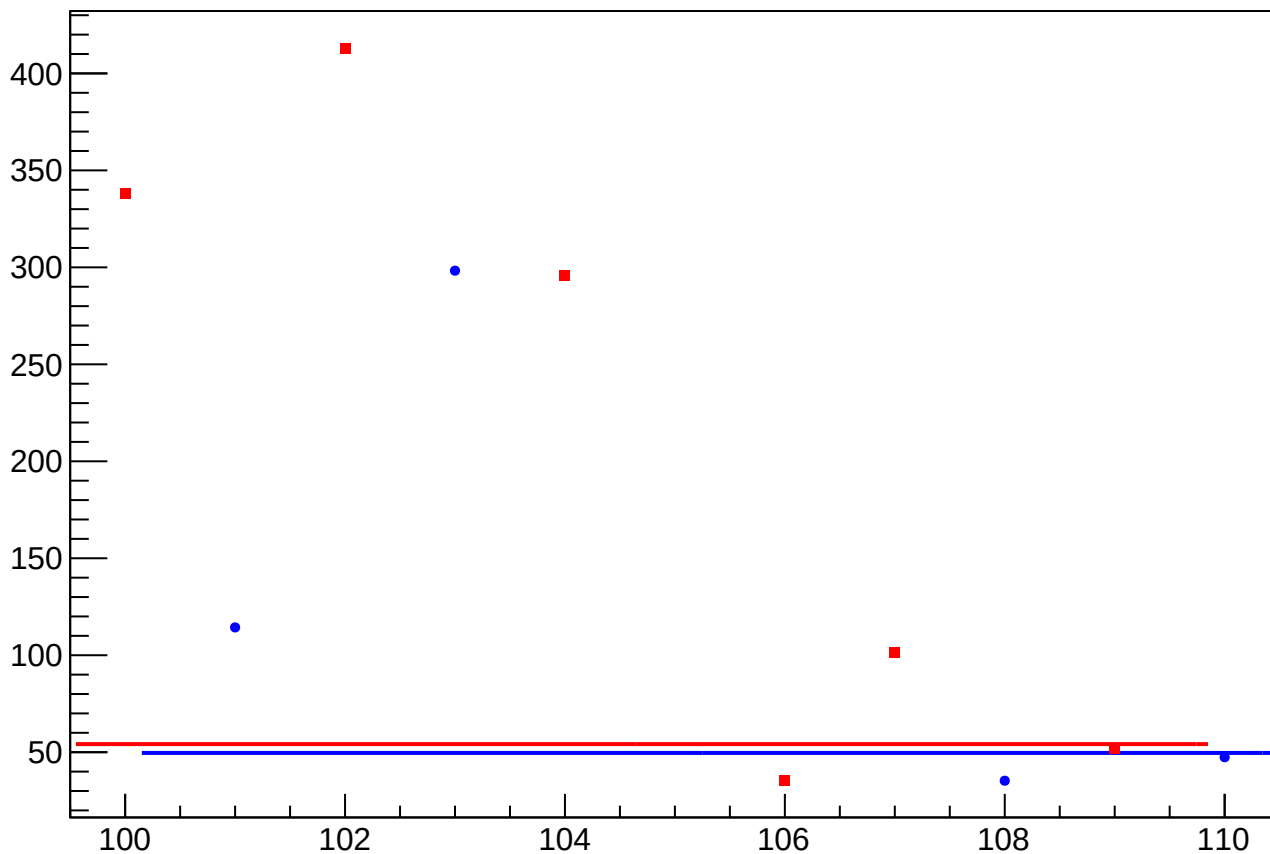
Right: 0.002 $\pm$ 0.034 χ^2 /NDF: 14.0/9

In: 0.020 $\pm$ 0.045 χ^2 /NDF:5.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.034 χ^2 /NDF: 14.0/9

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.633+/-0.032 χ^2/NDF : 1291900.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.183+/-0.037 χ^2/NDF : 1553045.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

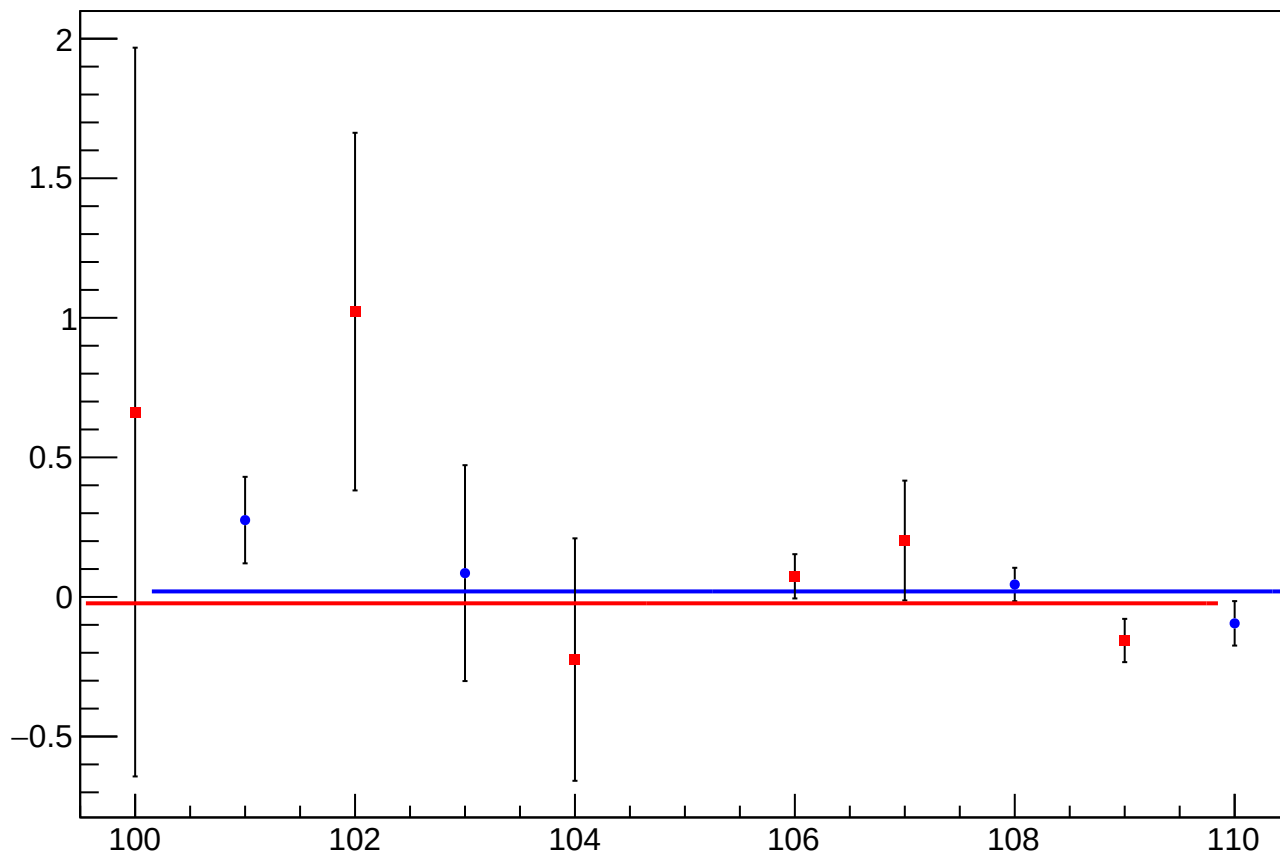
Right: 51.556+/-0.024 χ^2/NDF : 2853444.0/9

In: 49.633+/-0.032 χ^2/NDF : 1291900.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.556+/-0.024 χ^2/NDF : 2853444.0/9

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.045 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.053 χ^2/NDF : 8.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

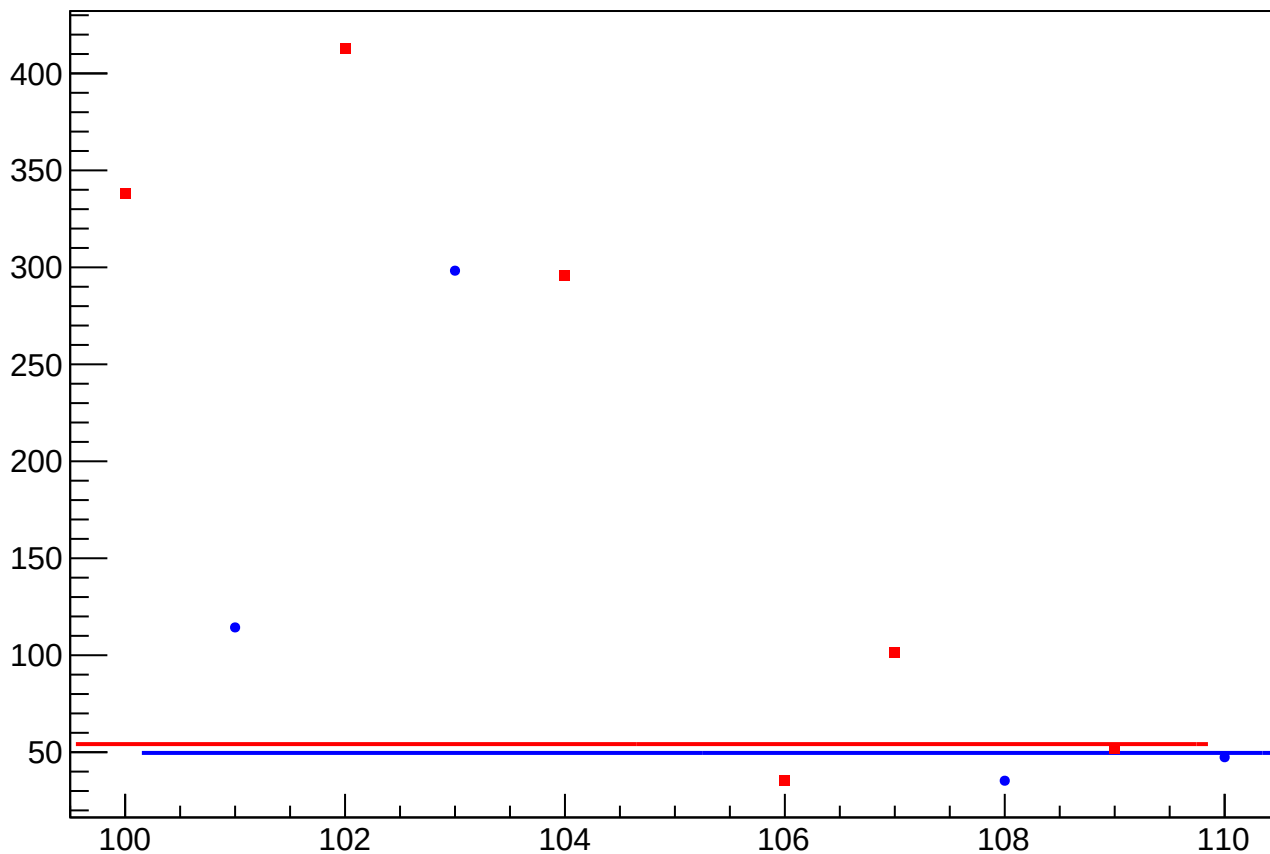
Right: 0.002+/-0.034 χ^2/NDF : 14.0/9

In: 0.020+/-0.045 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.034 χ^2/NDF : 14.0/9

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.633+/-0.032 χ^2/NDF : 1291900.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.183+/-0.037 χ^2/NDF : 1553045.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

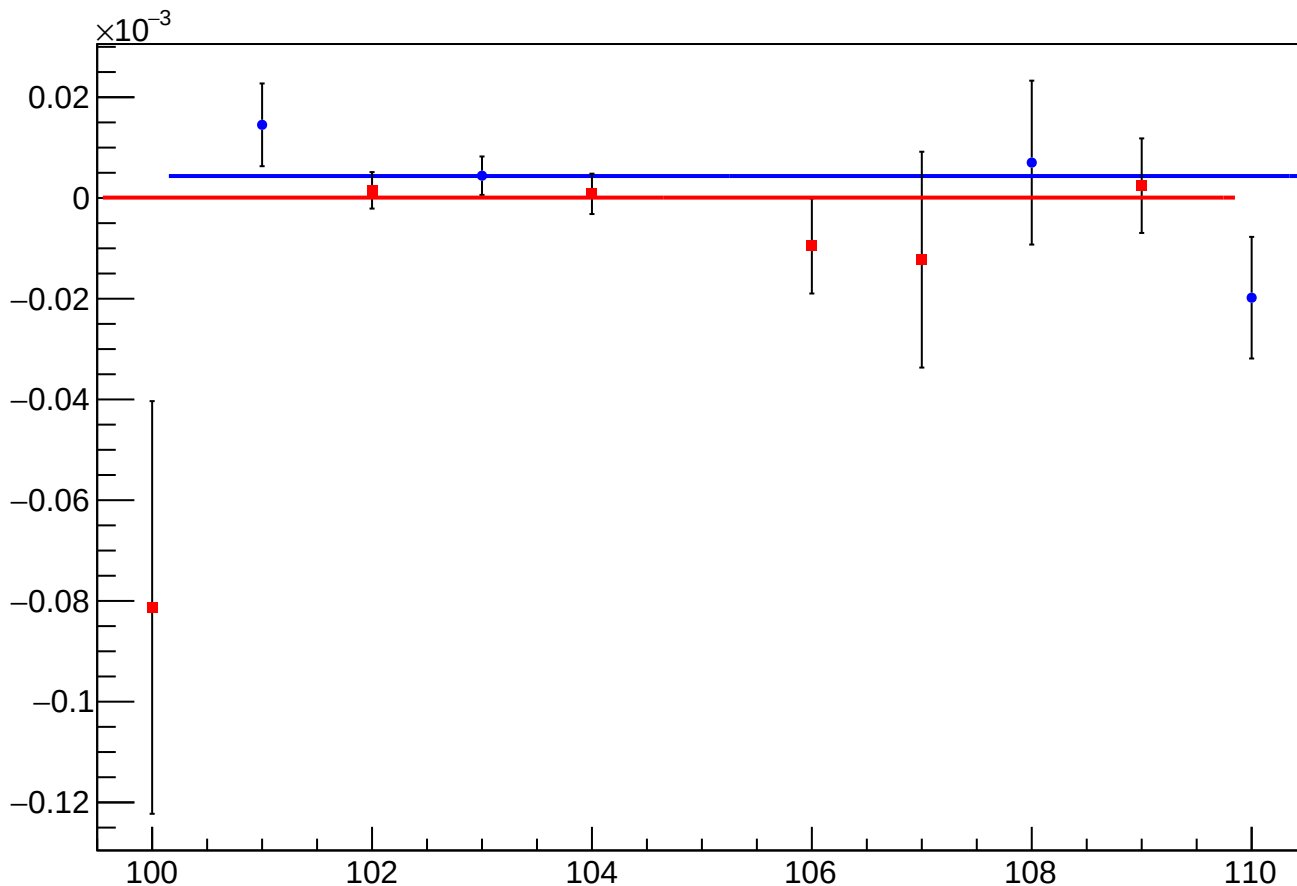
Right: 51.556+/-0.024 χ^2/NDF : 2853444.0/9

In: 49.633+/-0.032 χ^2/NDF : 1291900.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.556+/-0.024 χ^2/NDF : 2853444.0/9

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

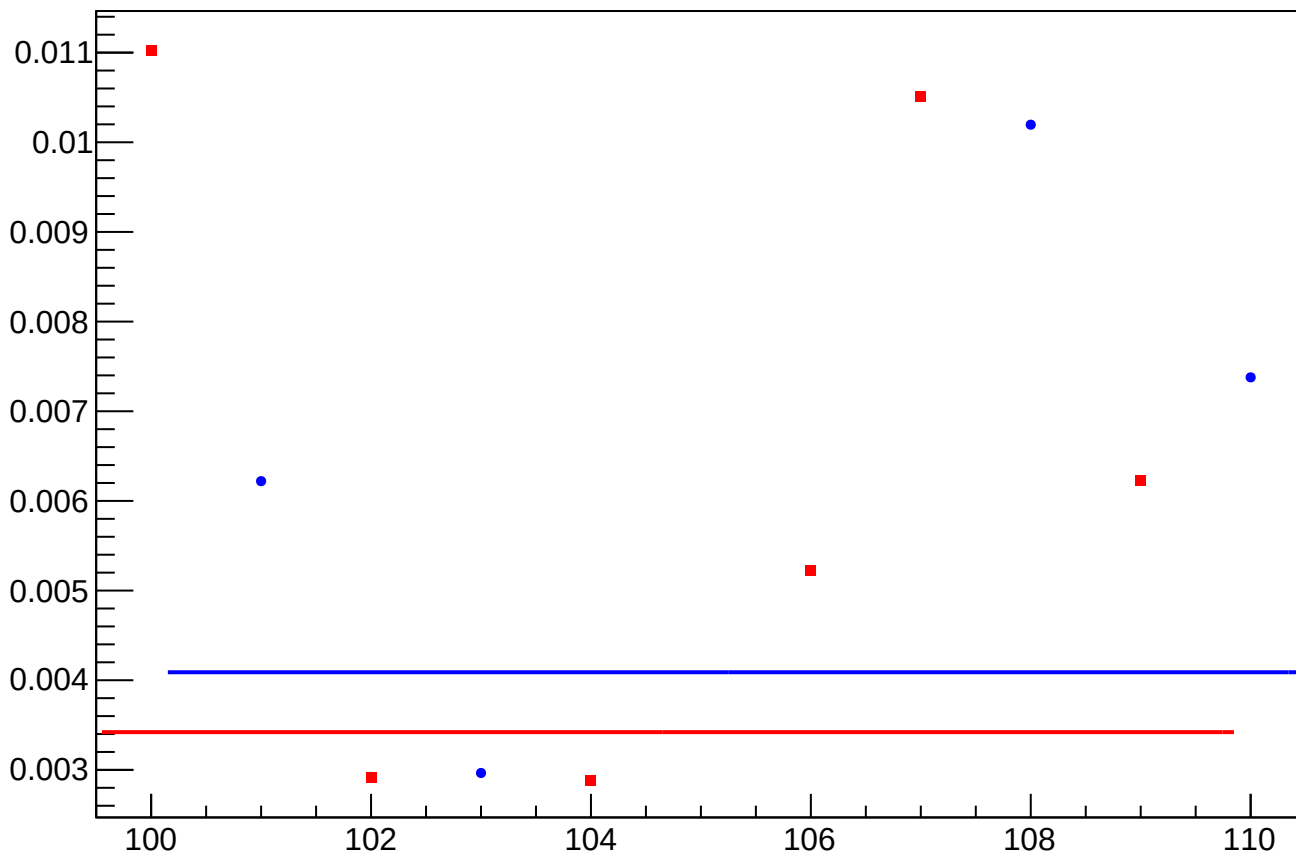
Right: 0.000+/-0.000 χ^2/NDF : 12.2/9

In: 0.000+/-0.000 χ^2/NDF : 5.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.2/9

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 738531.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 614299.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

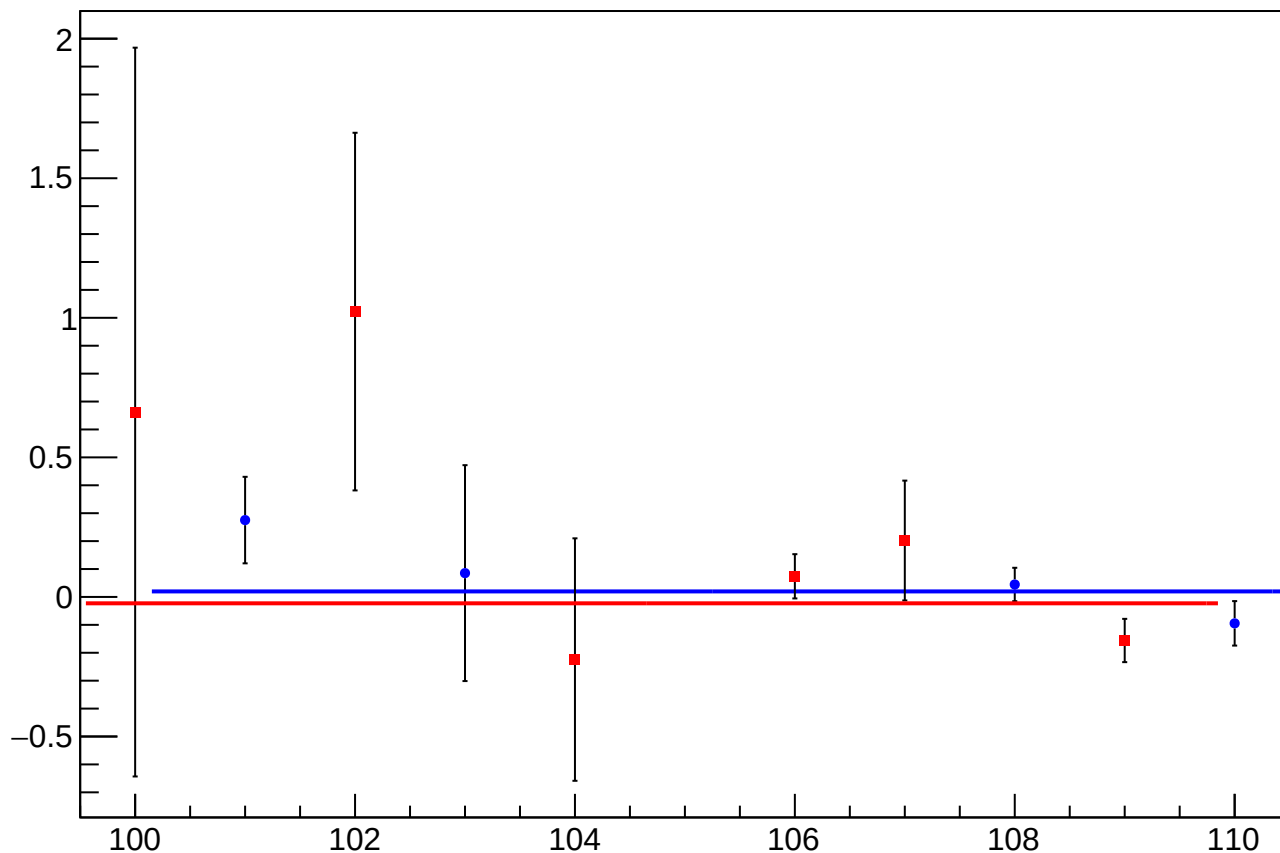
Right: 0.004+/-0.000 χ^2/NDF : 1406222.9/9

In: 0.004+/-0.000 χ^2/NDF : 738531.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1406222.9/9

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.045 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.053 χ^2/NDF : 8.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

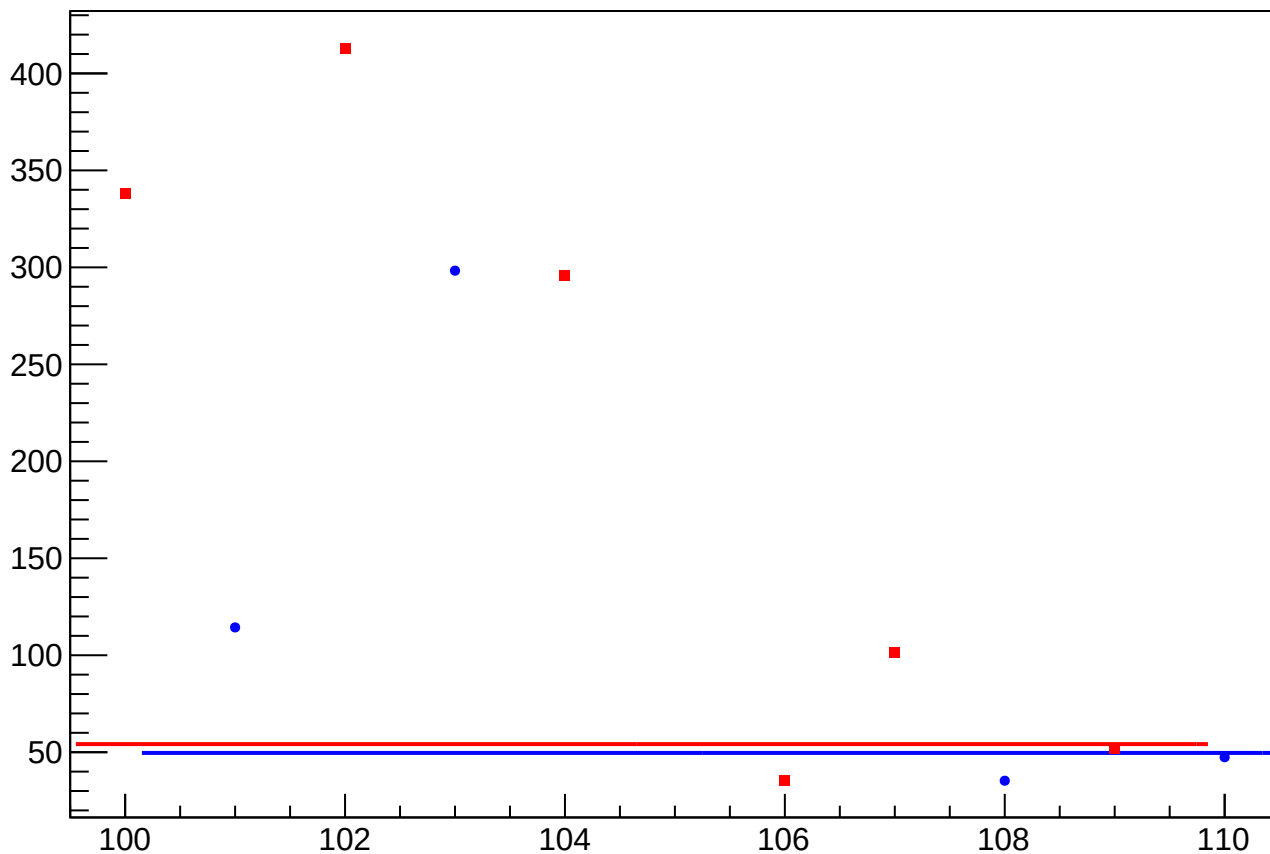
Right: 0.002+/-0.034 χ^2/NDF : 14.0/9

In: 0.020+/-0.045 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.034 χ^2/NDF : 14.0/9

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.637+/-0.032 χ^2/NDF : 1291831.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.182+/-0.037 χ^2/NDF : 1553044.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

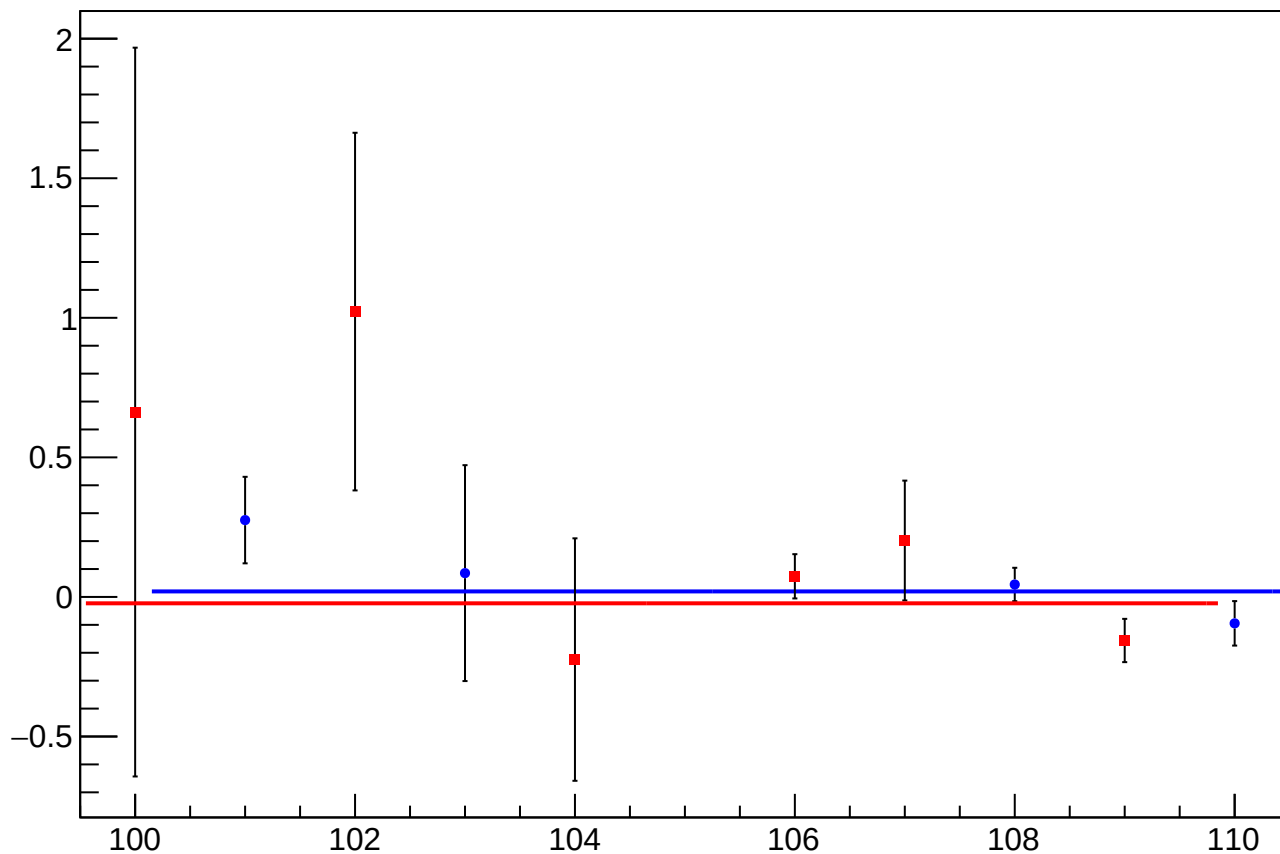
Right: 51.559+/-0.024 χ^2/NDF : 2853359.2/9

In: 49.637+/-0.032 χ^2/NDF : 1291831.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.559+/-0.024 χ^2/NDF : 2853359.2/9

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.045 χ^2 /NDF: 5.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.053 χ^2 /NDF: 8.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

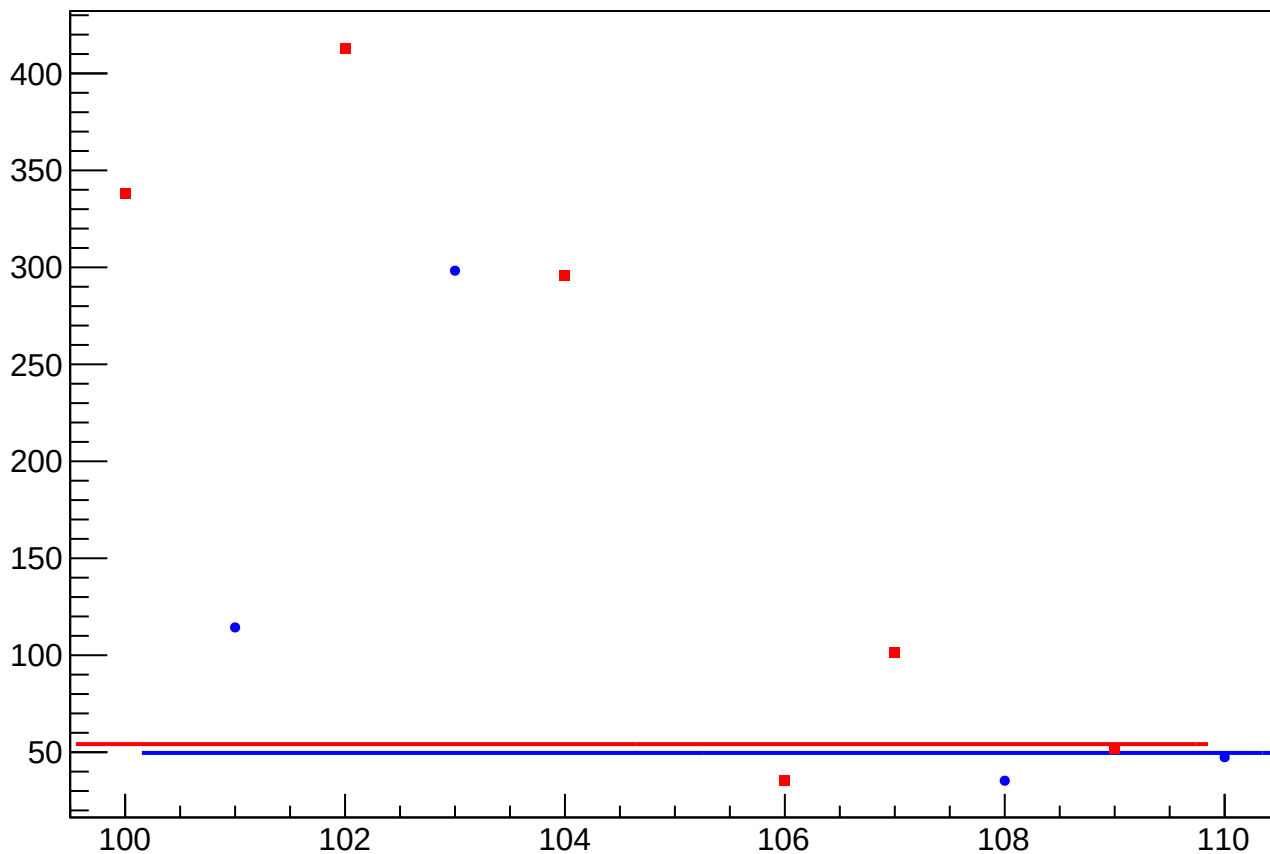
Right: 0.002 $\pm$ 0.034 χ^2 /NDF: 14.0/9

In: 0.020 $\pm$ 0.045 χ^2 /NDF:5.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.034 χ^2 /NDF: 14.0/9

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.637+/-0.032 χ^2/NDF : 1291831.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.182+/-0.037 χ^2/NDF : 1553044.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

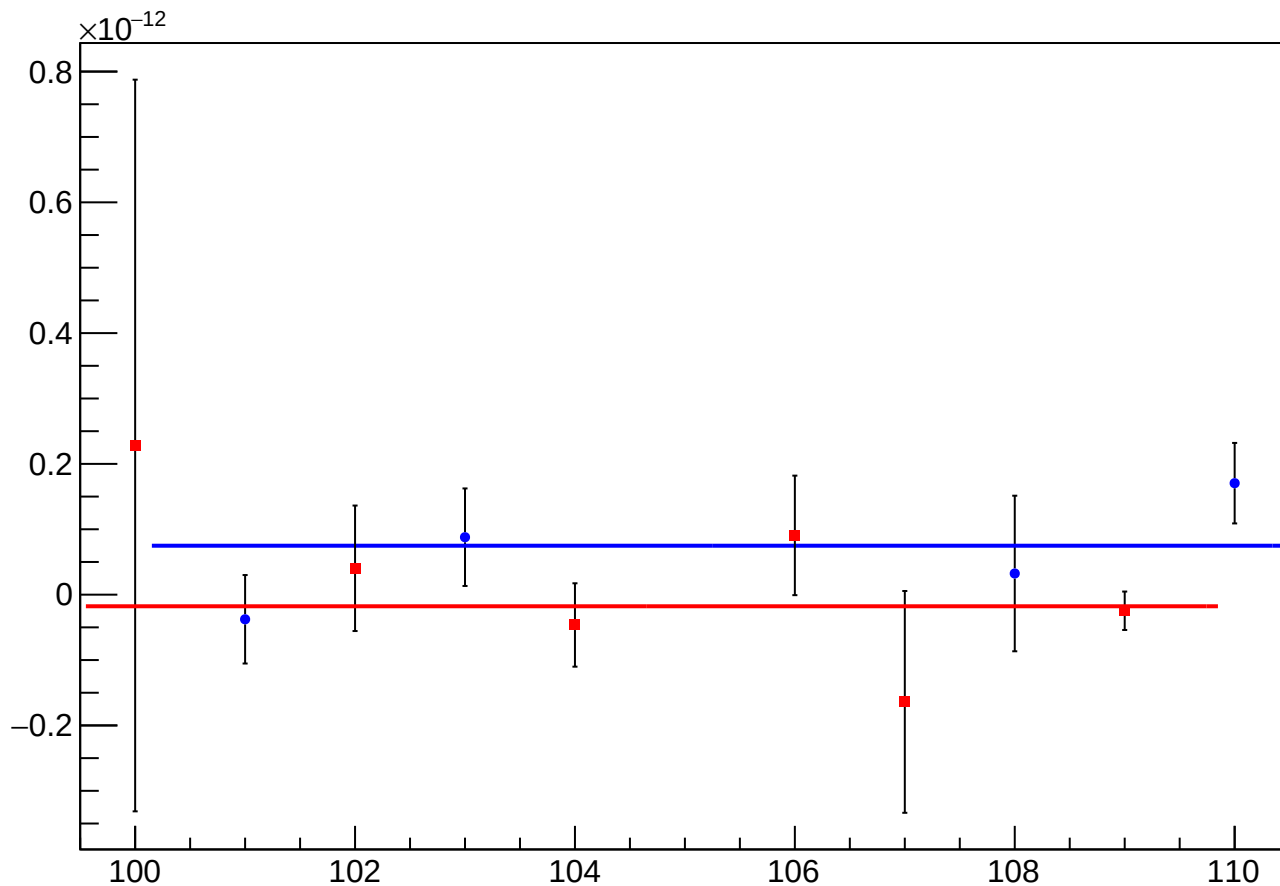
Right: 51.559+/-0.024 χ^2/NDF : 2853359.2/9

In: 49.637+/-0.032 χ^2/NDF : 1291831.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.559+/-0.024 χ^2/NDF : 2853359.2/9

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

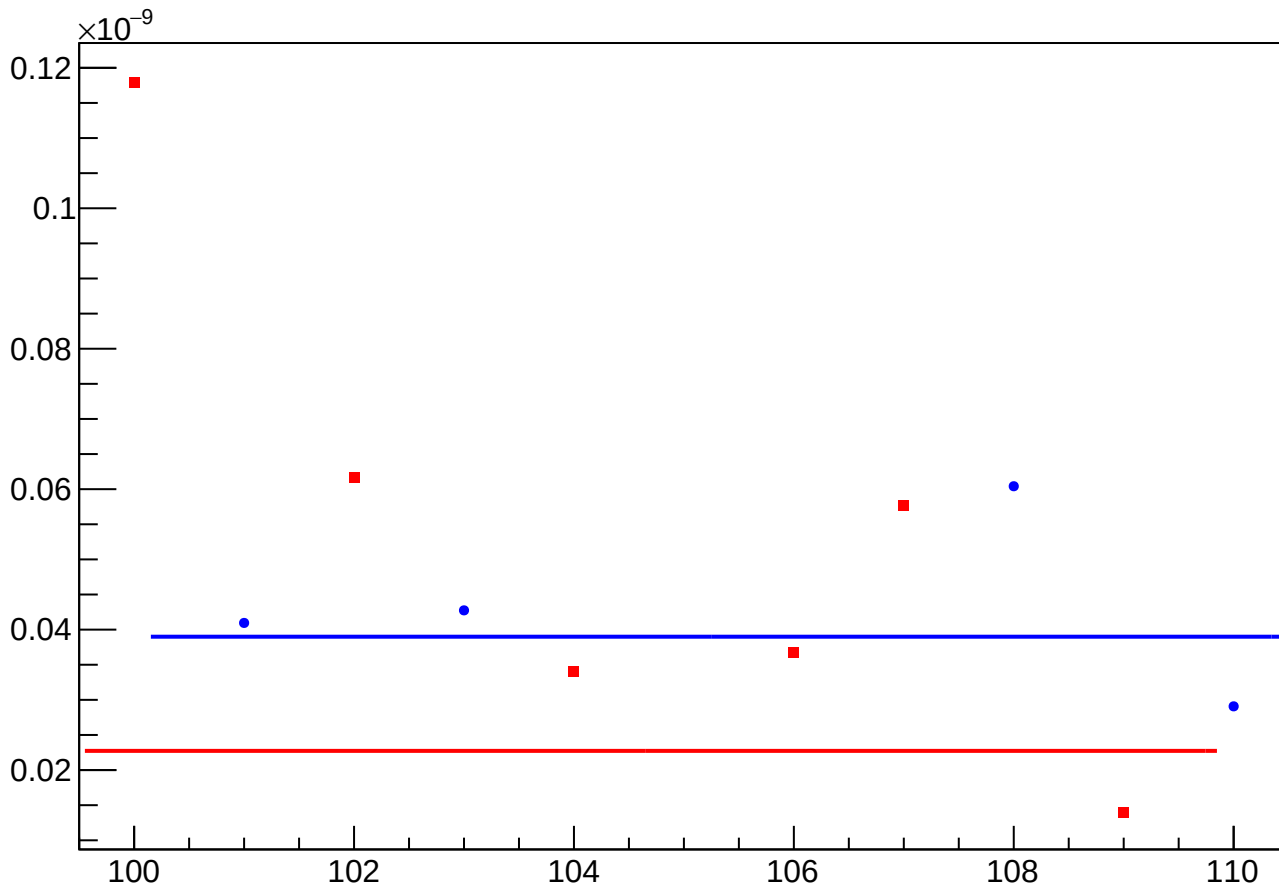
Right: 0.000+/-0.000 χ^2/NDF : 12.7/9

In: 0.000+/-0.000 χ^2/NDF : 5.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.7/9

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 123521.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 759753.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

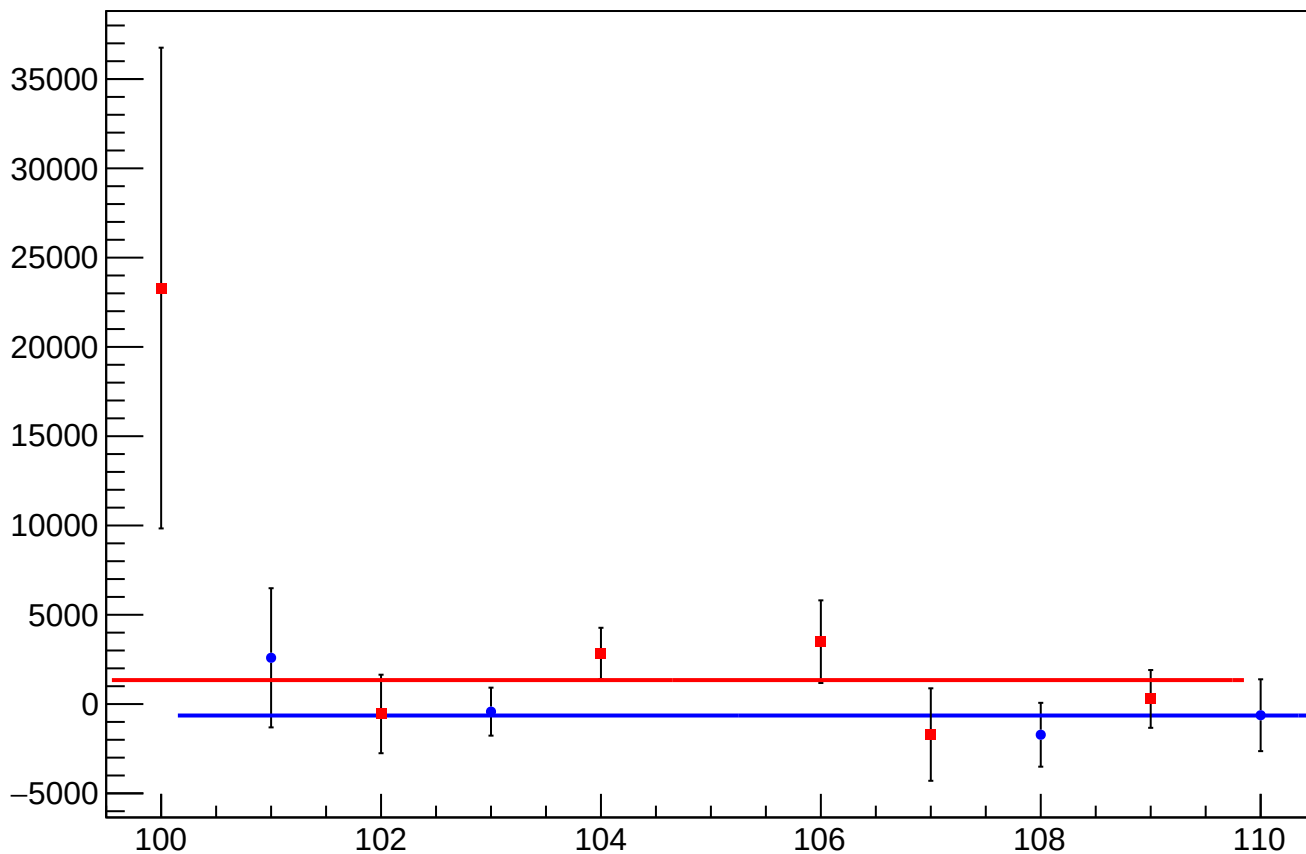
Right: 0.000+/-0.000 χ^2/NDF : 1152544.7/9

In: 0.000+/-0.000 χ^2/NDF : 123521.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1152544.7/9

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -641.287+/-920.680 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1342.567+/-840.182 χ^2/NDF : 7.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

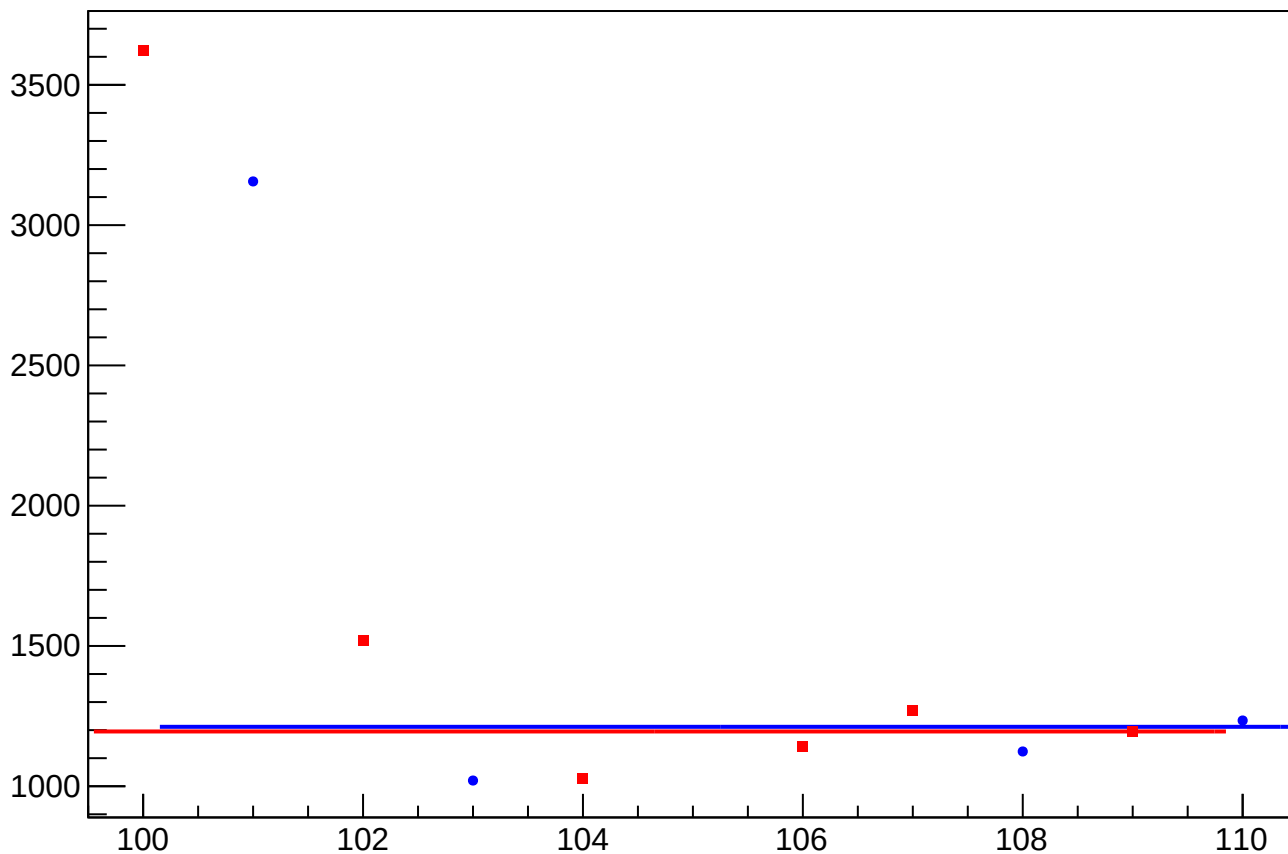
Right: 441.143+/-620.609 χ^2/NDF : 10.8/9

In: -641.287+/-920.680 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 441.143+/-620.609 χ^2/NDF : 10.8/9

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1211.804+/-0.651 χ^2 /NDF: 543394.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1195.229+/-0.594 χ^2 /NDF: 139005.1/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

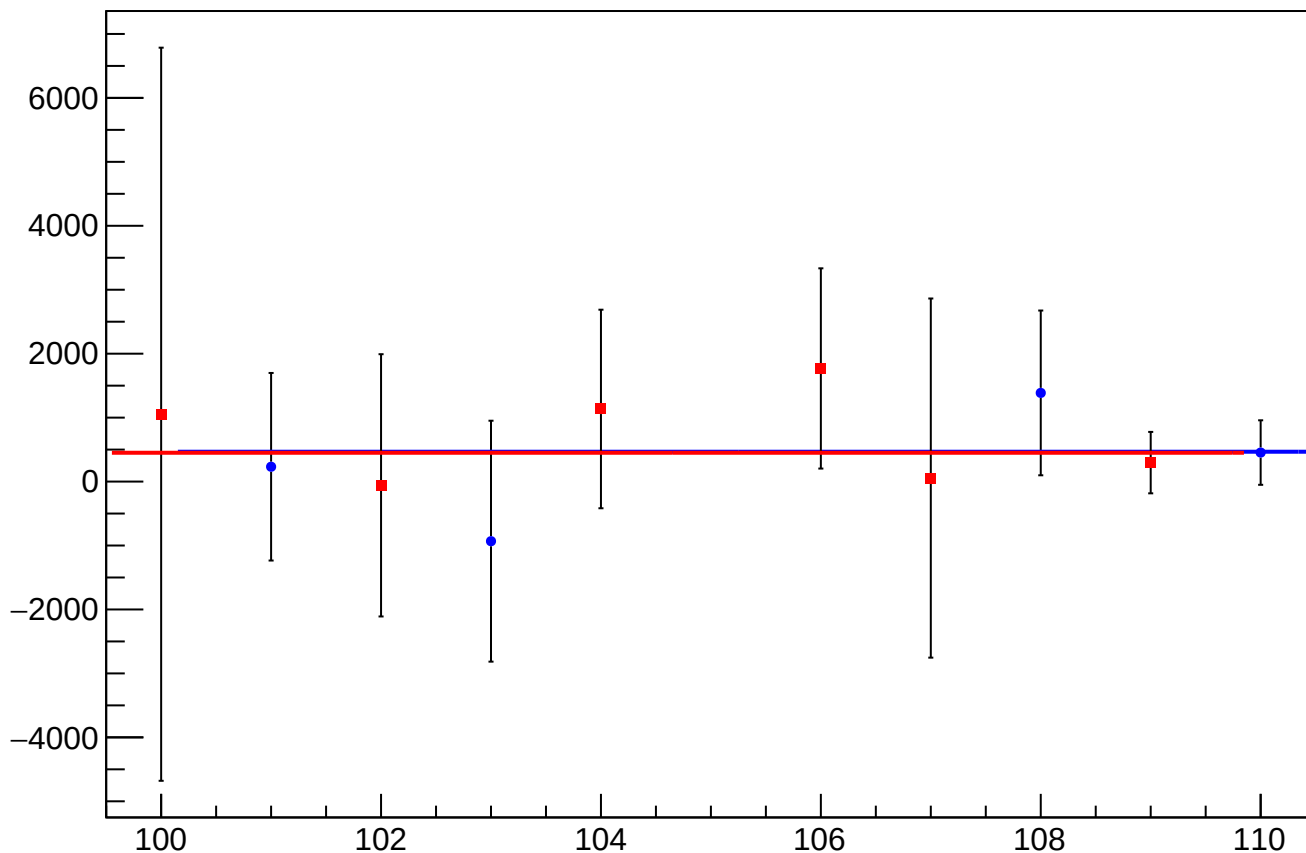
Right: 1202.760+/-0.439 χ^2 /NDF: 682753.0/9

In: 1211.804+/-0.651 χ^2 /NDF:543394.2/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1202.760+/-0.439 χ^2 /NDF: 682753.0/9

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 466.703+/-435.262 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 450.665+/-424.383 χ^2/NDF : 1.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

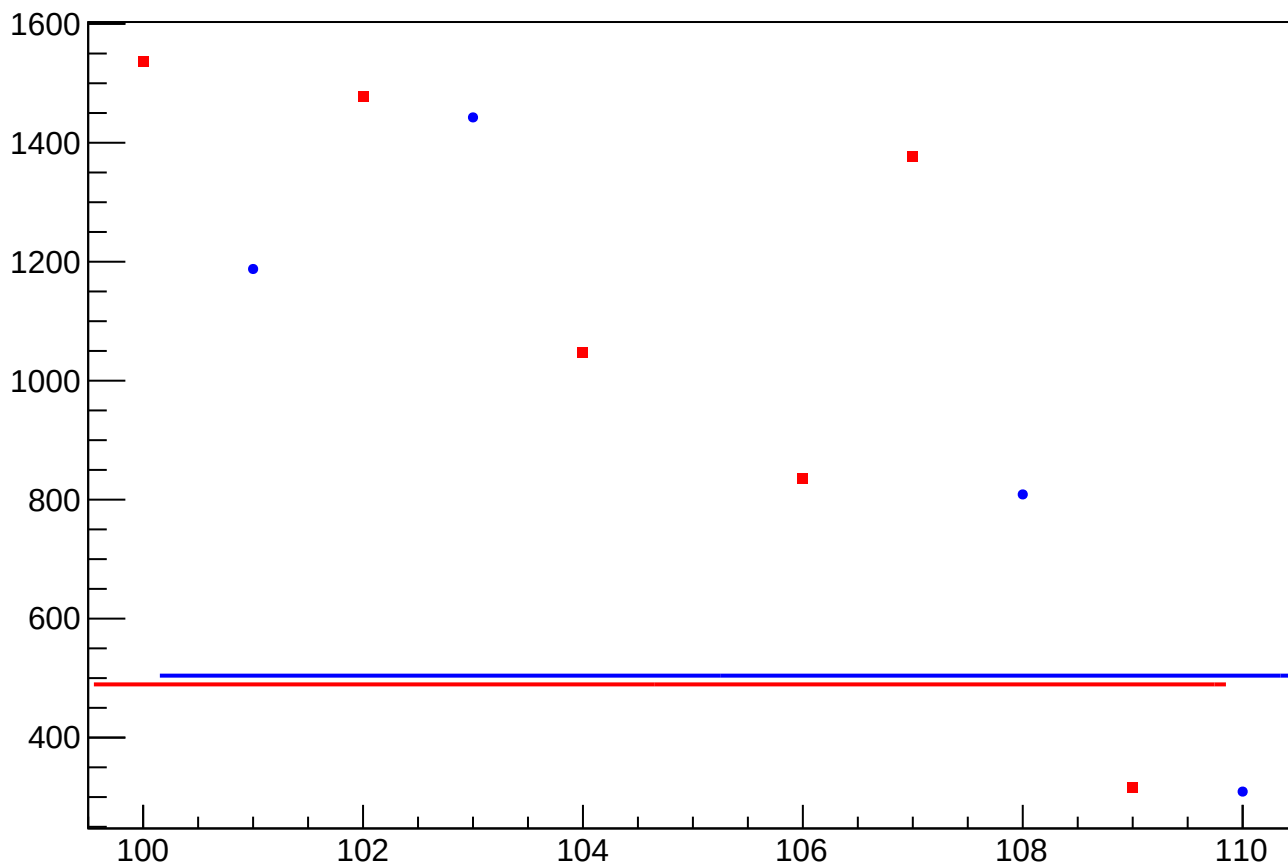
Right: 458.482+/-303.857 χ^2/NDF : 2.2/9

In: 466.703+/-435.262 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.482+/-303.857 χ^2/NDF : 2.2/9

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 504.136+/-0.308 χ^2/NDF : 1341341.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 489.419+/-0.300 χ^2/NDF : 1348698.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

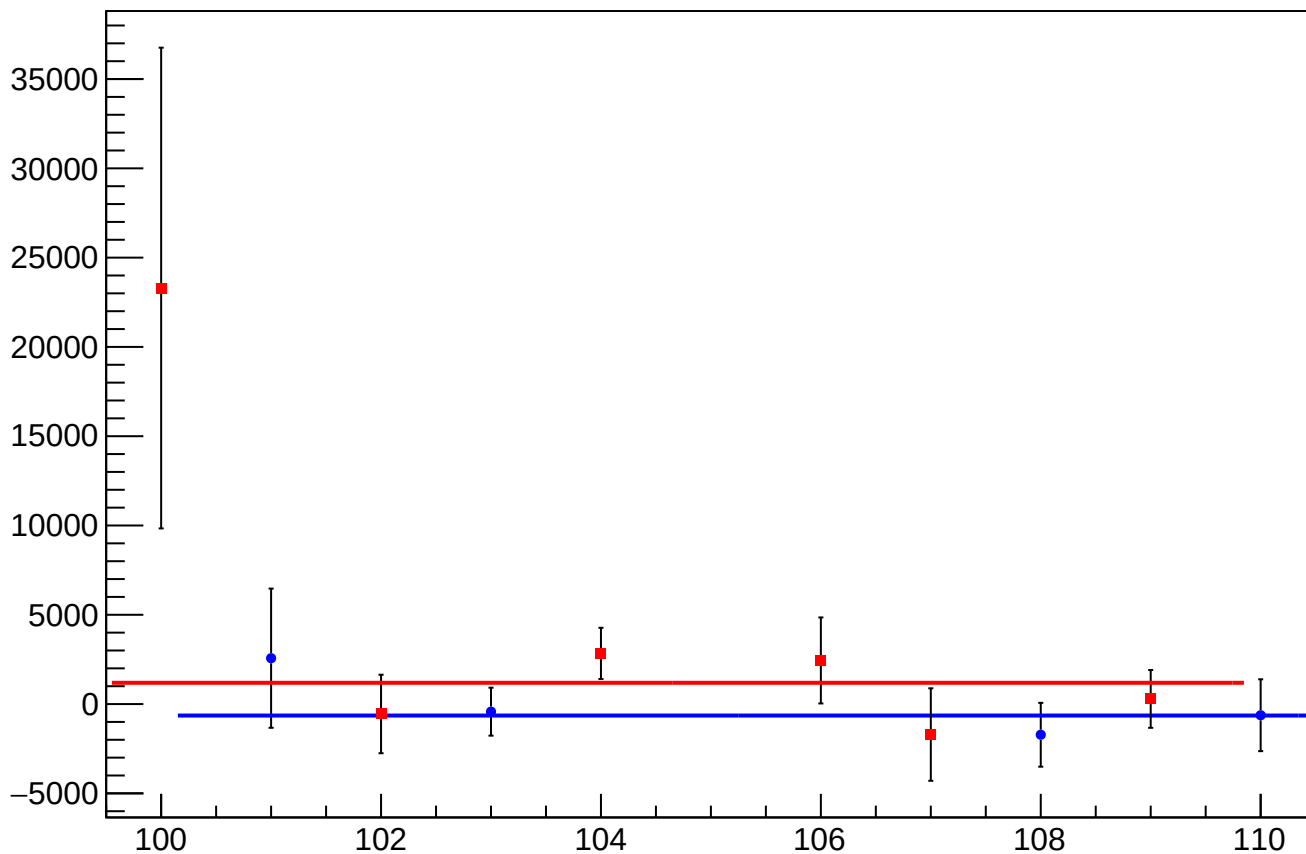
Right: 496.591+/-0.215 χ^2/NDF : 2691211.7/9

In: 504.136+/-0.308 χ^2/NDF : 1341341.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.591+/-0.215 χ^2/NDF : 2691211.7/9

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -642.683+/-920.680 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1191.394+/-844.487 χ^2/NDF : 6.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

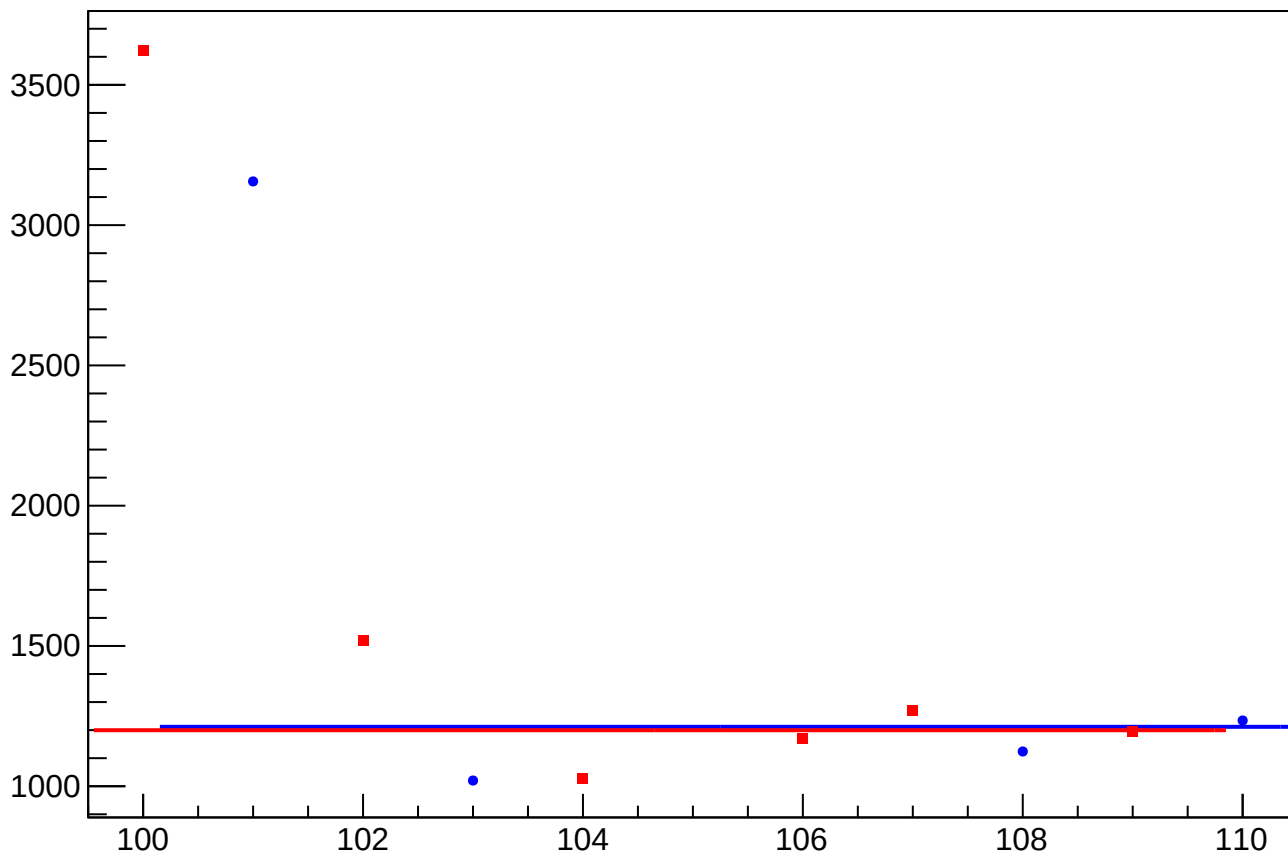
Right: 353.376+/-622.338 χ^2/NDF : 9.7/9

In: -642.683+/-920.680 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.376+/-622.338 χ^2/NDF : 9.7/9

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1211.803+/-0.651 χ^2 /NDF: 543395.7/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1199.647+/-0.597 χ^2 /NDF: 138017.4/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

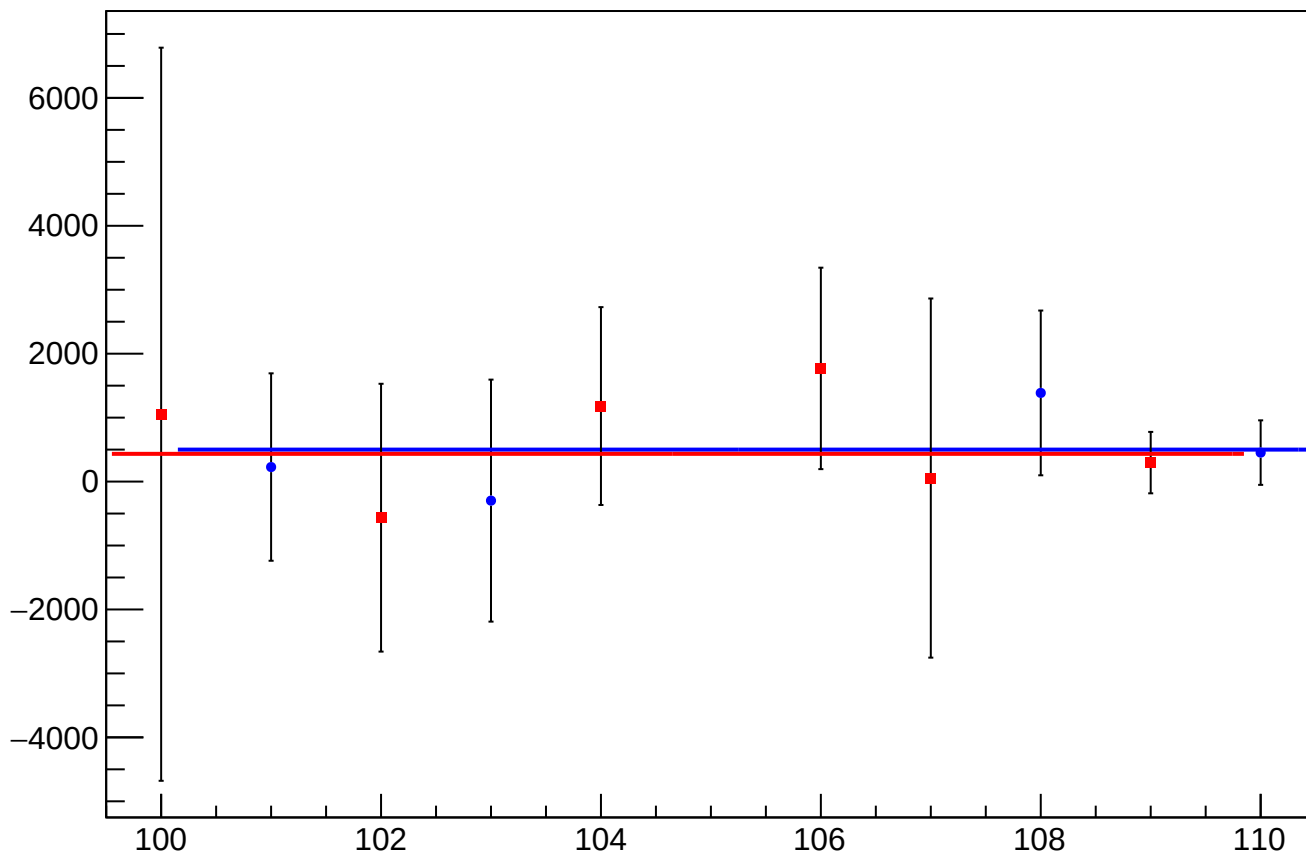
Right: 1205.201+/-0.440 χ^2 /NDF: 681602.4/9

In: 1211.803+/-0.651 χ^2 /NDF:543395.7/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1205.201+/-0.440 χ^2 /NDF: 681602.4/9

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 499.941+/-435.330 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 433.664+/-424.861 χ^2/NDF : 1.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

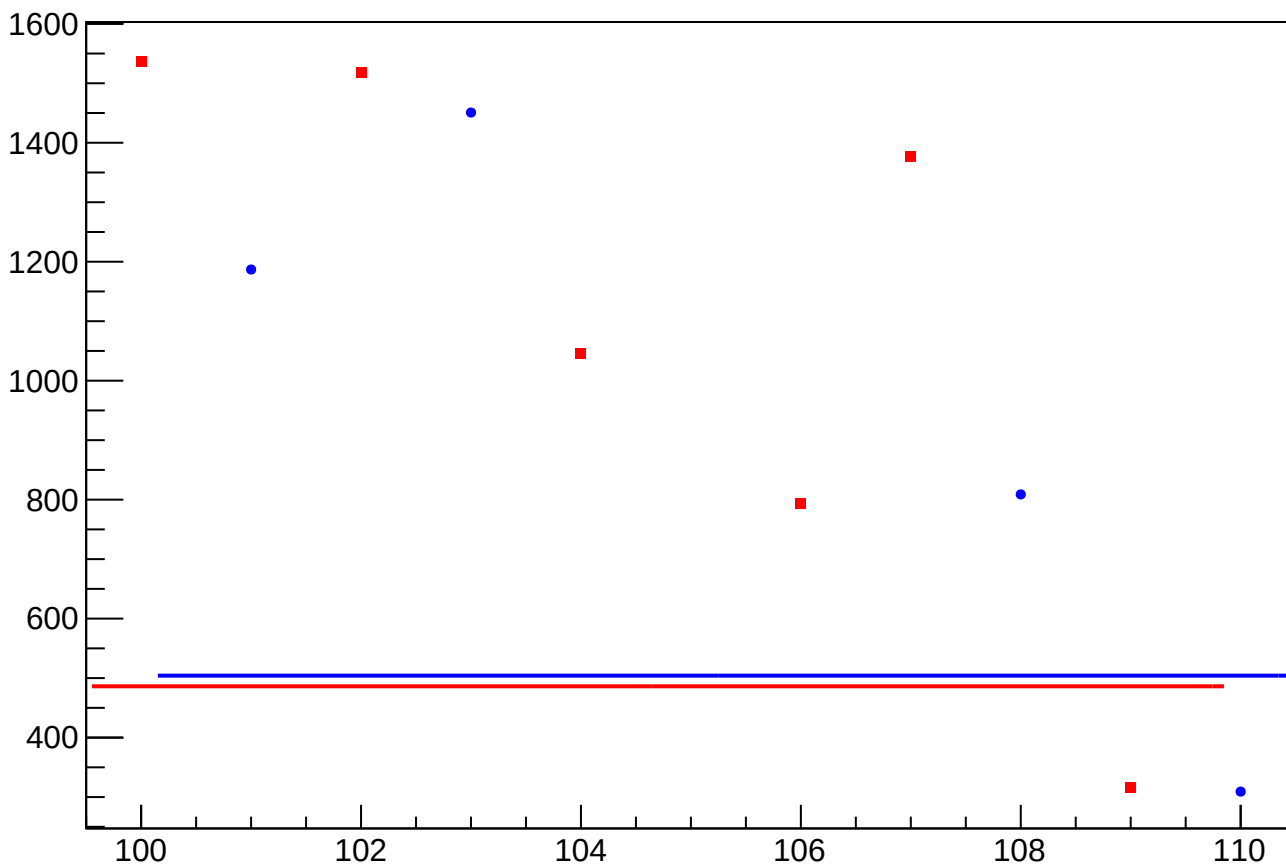
Right: 465.996+/-304.056 χ^2/NDF : 2.0/9

In: 499.941+/-435.330 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.996+/-304.056 χ^2/NDF : 2.0/9

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 504.126+/-0.308 χ^2/NDF : 1345047.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.218+/-0.300 χ^2/NDF : 1344288.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

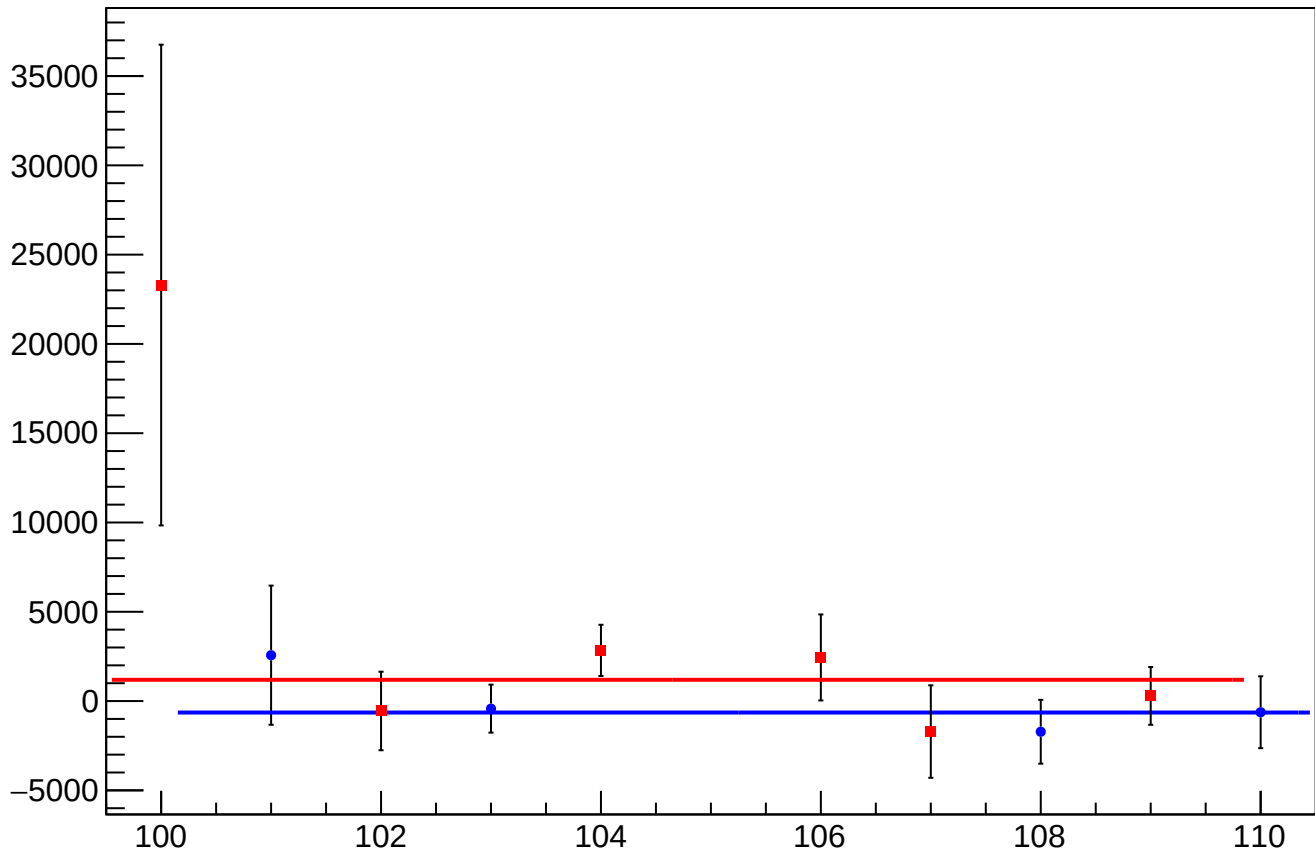
Right: 494.954+/-0.215 χ^2/NDF : 2691069.1/9

In: 504.126+/-0.308 χ^2/NDF : 1345047.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.954+/-0.215 χ^2/NDF : 2691069.1/9

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -642.683+/-920.680 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1191.394+/-844.487 χ^2/NDF : 6.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

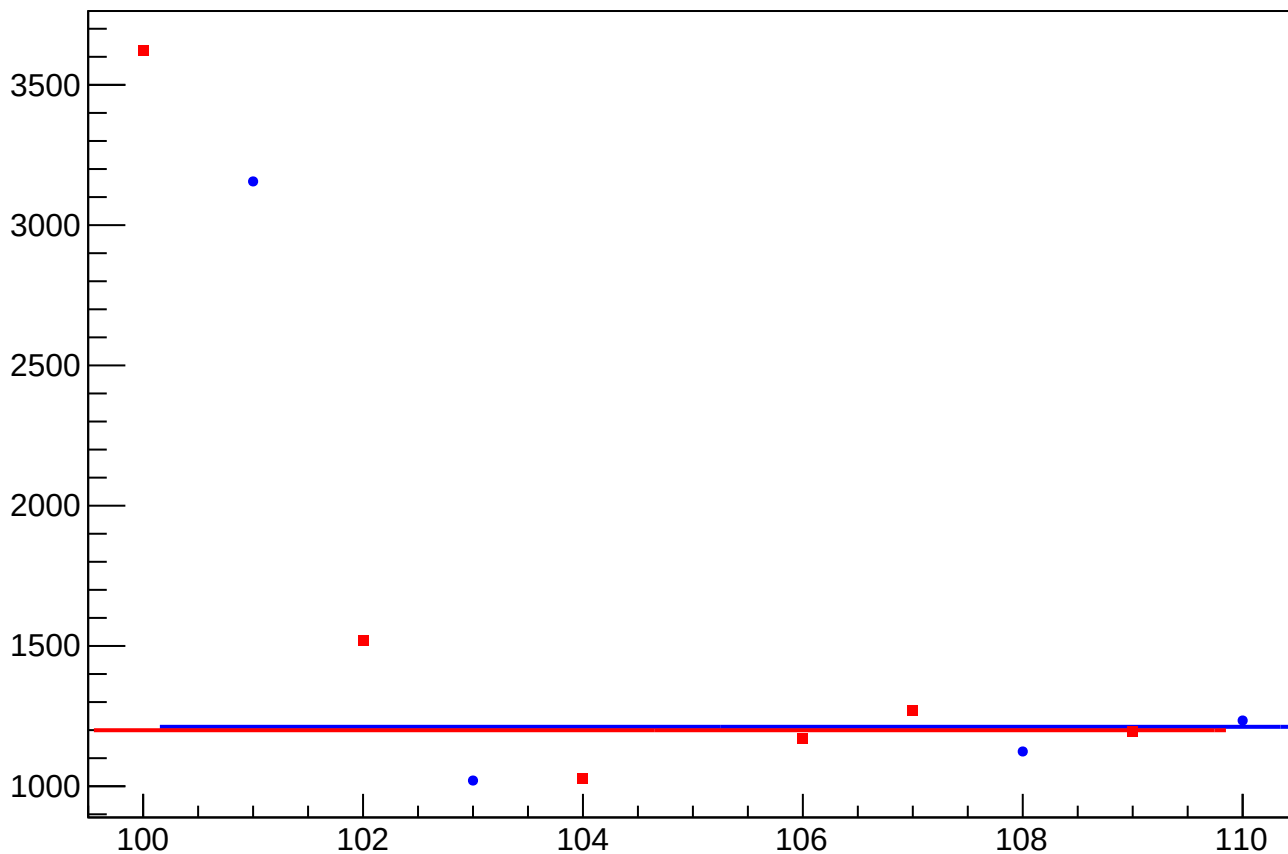
Right: 353.376+/-622.338 χ^2/NDF : 9.7/9

In: -642.683+/-920.680 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.376+/-622.338 χ^2/NDF : 9.7/9

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1211.803+/-0.651 χ^2/NDF : 543395.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1199.647+/-0.597 χ^2/NDF : 138017.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

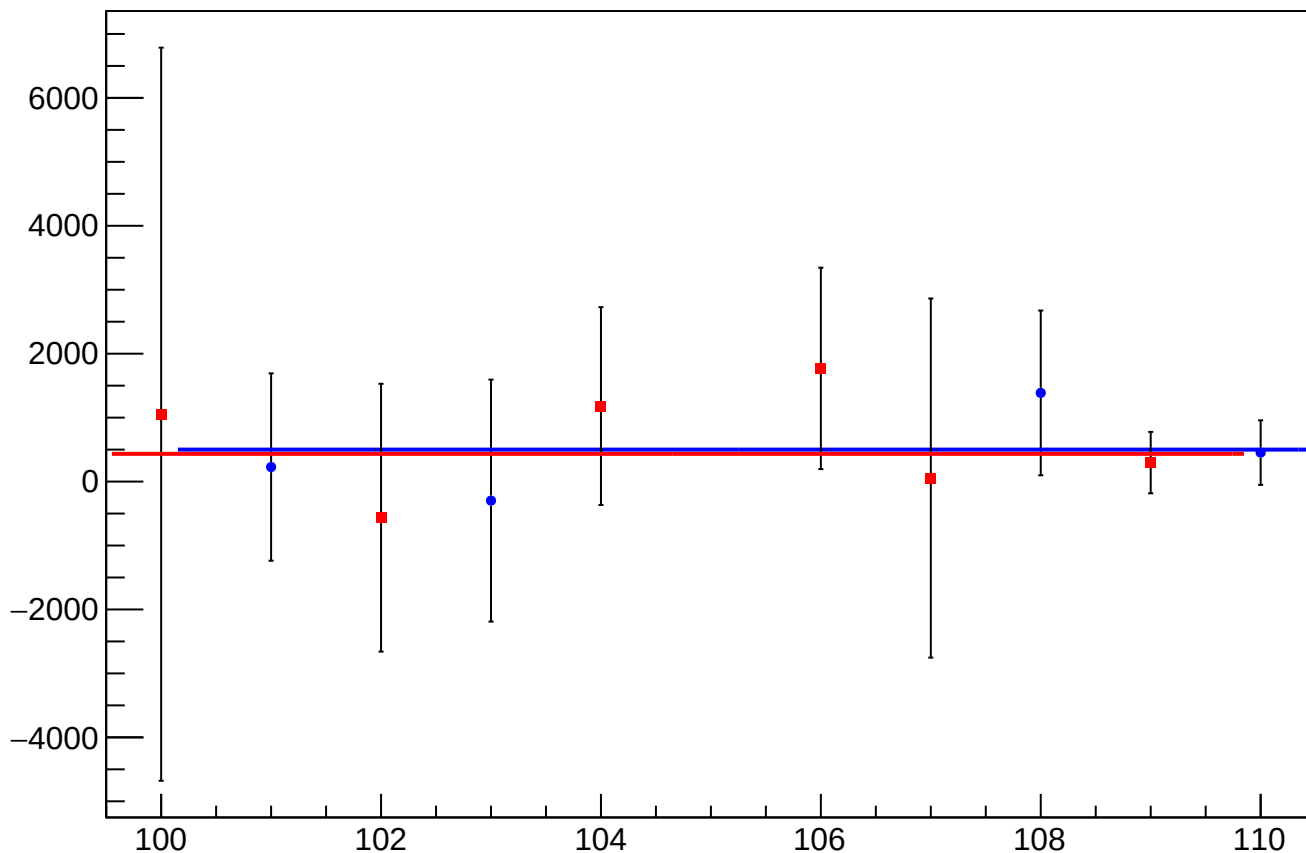
Right: 1205.201+/-0.440 χ^2/NDF : 681602.4/9

In: 1211.803+/-0.651 χ^2/NDF : 543395.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1205.201+/-0.440 χ^2/NDF : 681602.4/9

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 499.941+/-435.330 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 433.664+/-424.861 χ^2/NDF : 1.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

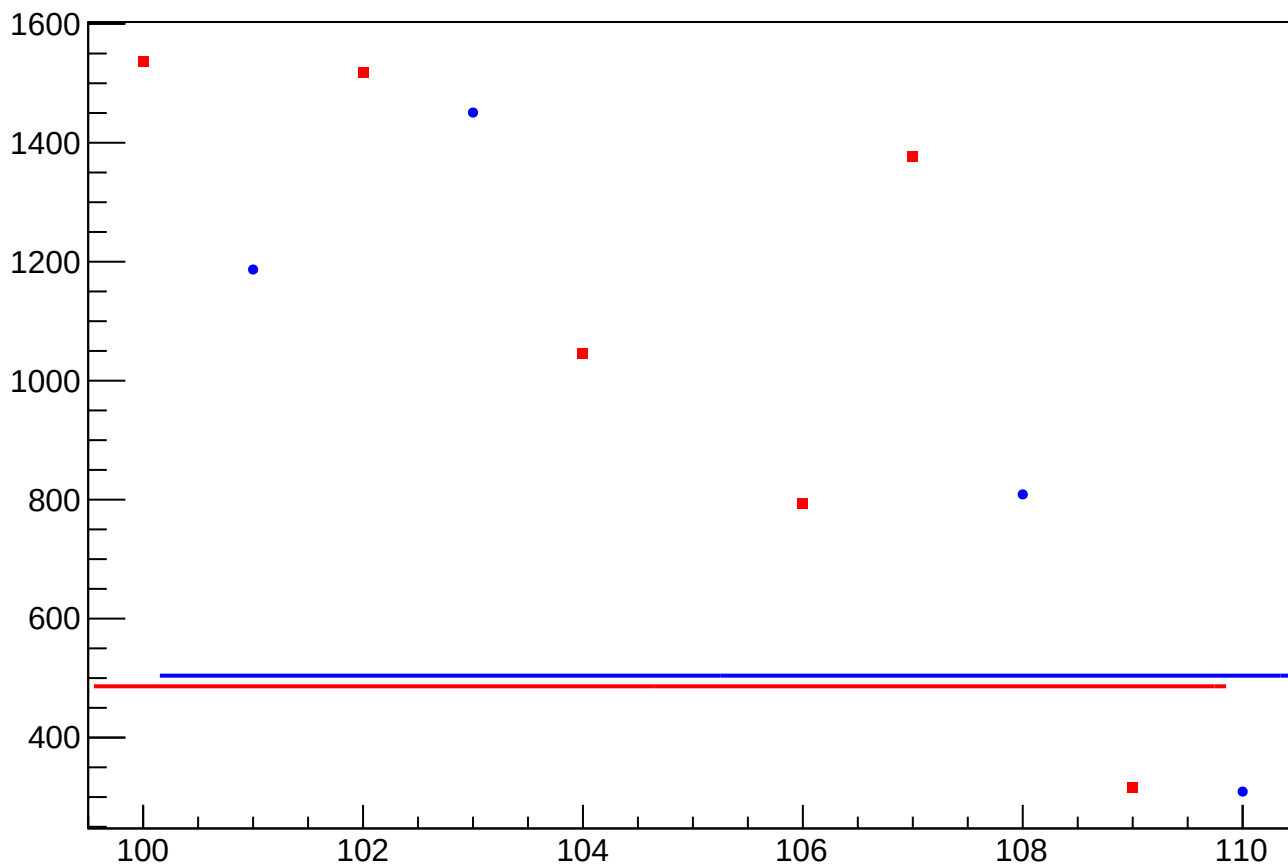
Right: 465.996+/-304.056 χ^2/NDF : 2.0/9

In: 499.941+/-435.330 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.996+/-304.056 χ^2/NDF : 2.0/9

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 504.126+/-0.308 χ^2/NDF : 1345047.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.218+/-0.300 χ^2/NDF : 1344288.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

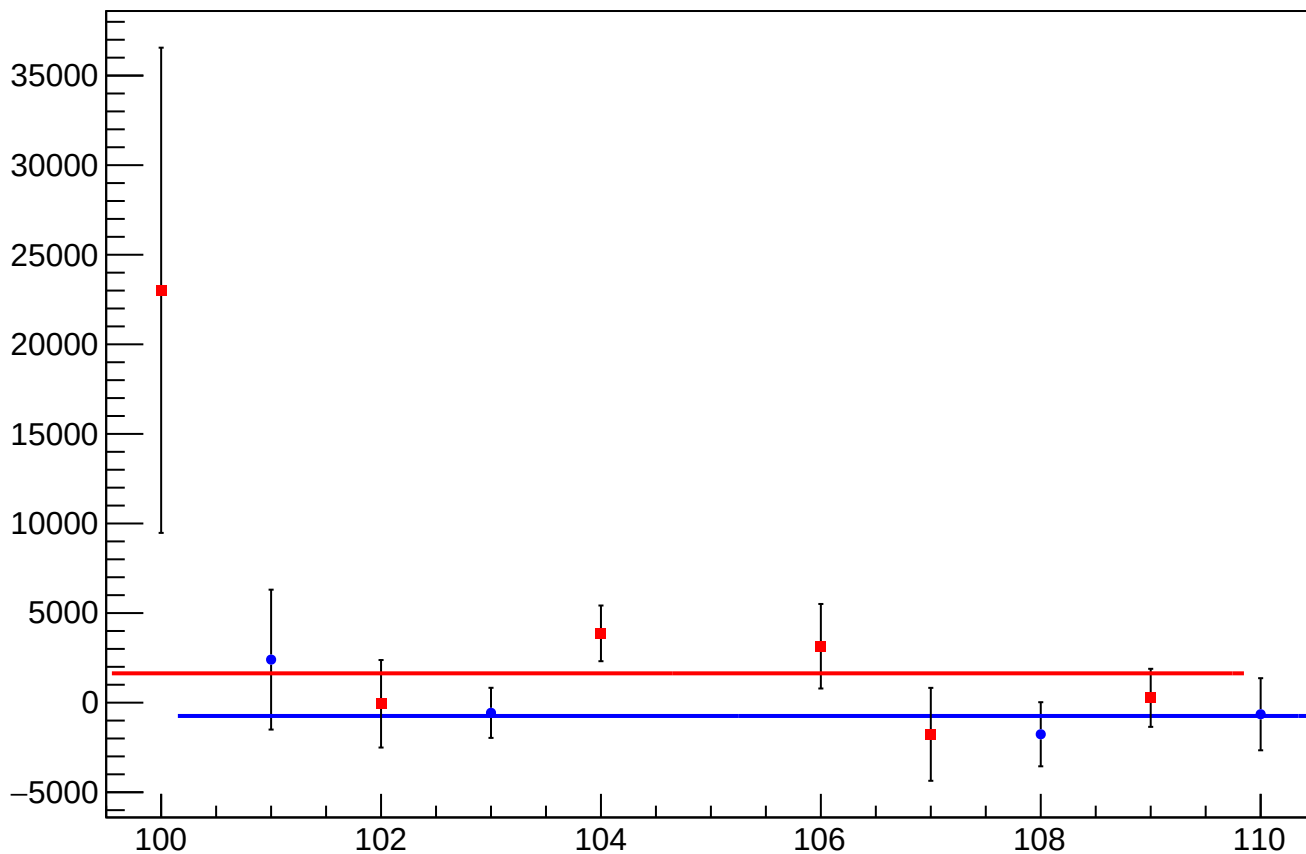
Right: 494.954+/-0.215 χ^2/NDF : 2691069.1/9

In: 504.126+/-0.308 χ^2/NDF : 1345047.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.954+/-0.215 χ^2/NDF : 2691069.1/9

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -742.770+/-937.987 χ^2 /NDF: 1.0/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1636.580+/-878.228 χ^2 /NDF: 7.9/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

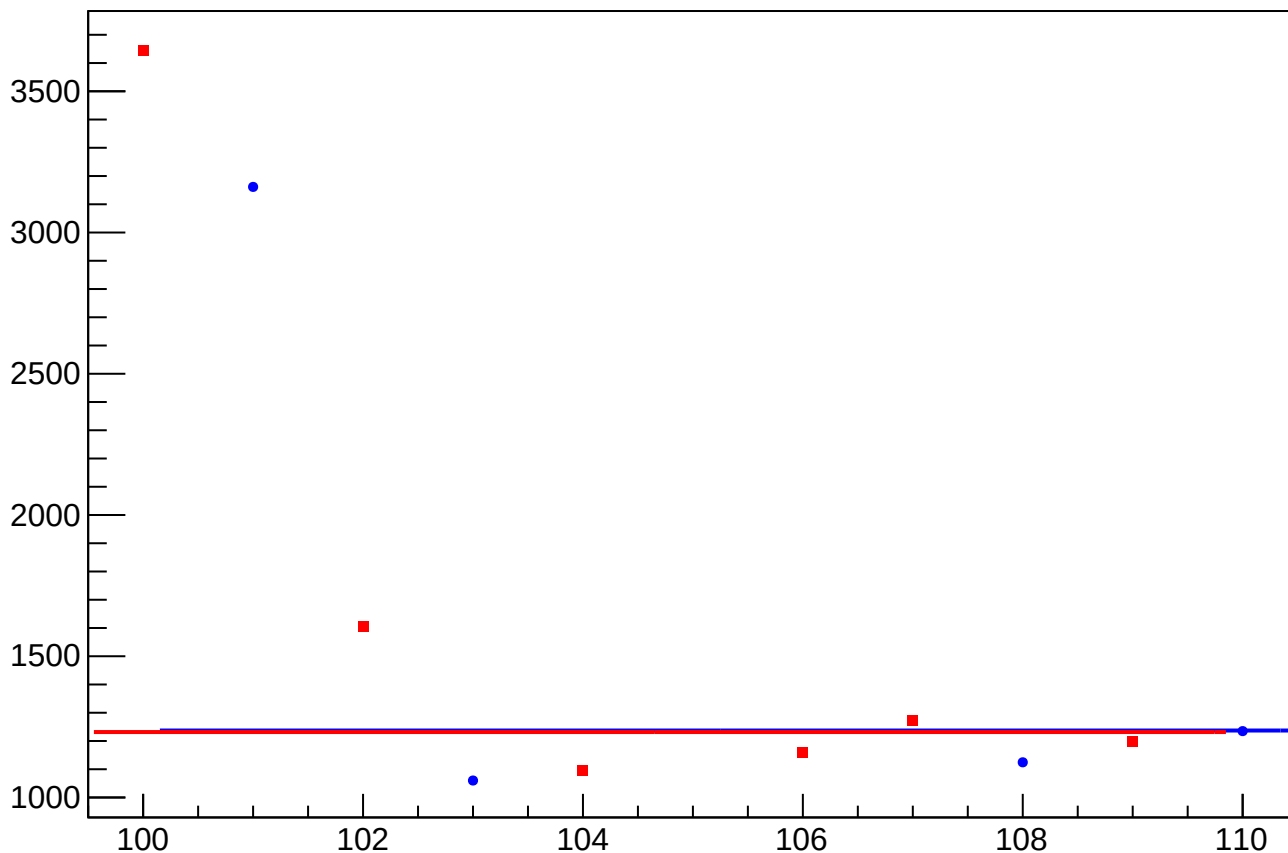
Right: 525.108+/-641.087 χ^2 /NDF: 12.3/9

In: -742.770+/-937.987 χ^2 /NDF:1.0/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 525.108+/-641.087 χ^2 /NDF: 12.3/9

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1237.071+/-0.663 χ^2/NDF : 525938.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1231.669+/-0.621 χ^2/NDF : 129198.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

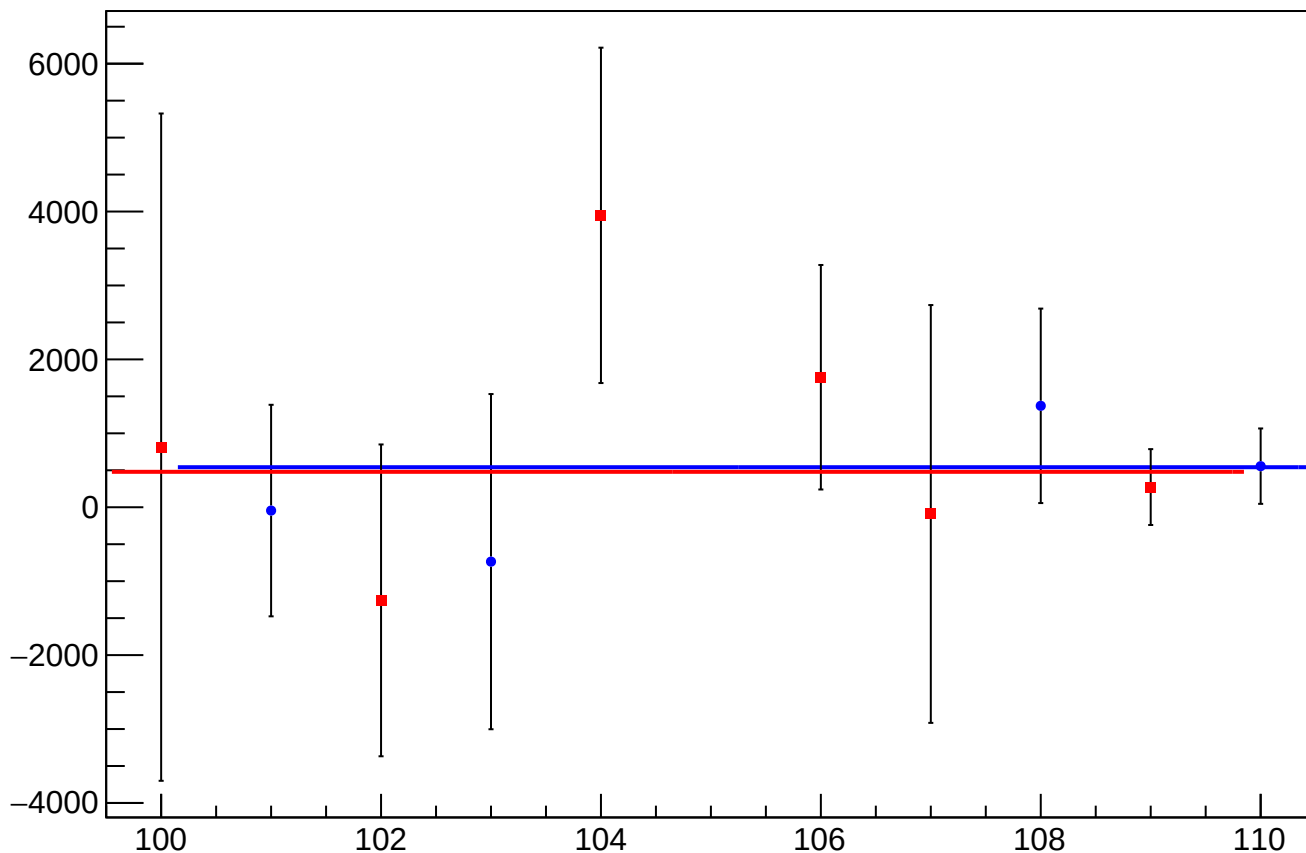
Right: 1234.193+/-0.453 χ^2/NDF : 655171.4/9

In: 1237.071+/-0.663 χ^2/NDF : 525938.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1234.193+/-0.453 χ^2/NDF : 655171.4/9

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 541.549+/-442.465 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 479.285+/-455.218 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

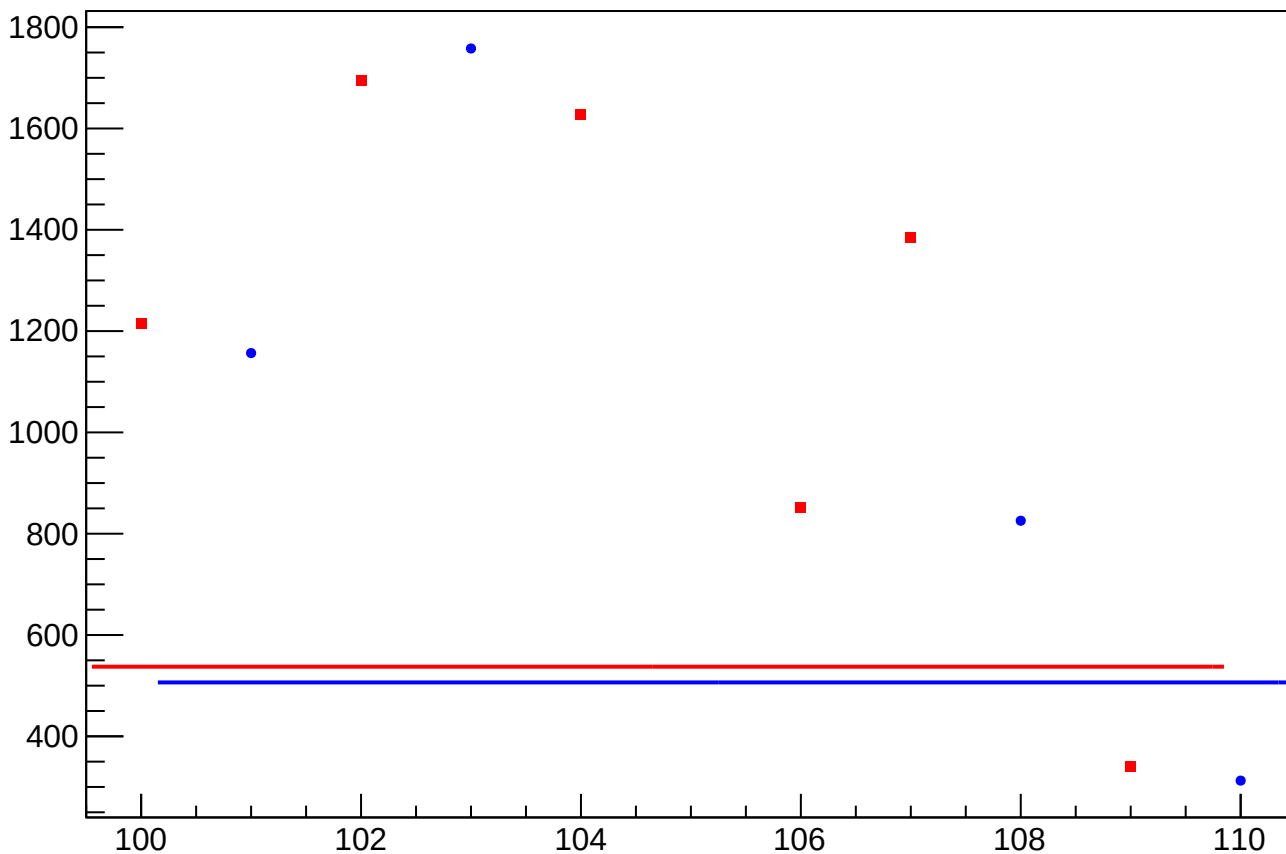
Right: 511.301+/-317.283 χ^2/NDF : 4.8/9

In: 541.549+/-442.465 χ^2/NDF :0.9/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 511.301+/-317.283 χ^2/NDF : 4.8/9

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 506.401+/-0.313 χ^2/NDF : 1429659.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.467+/-0.322 χ^2/NDF : 1670672.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

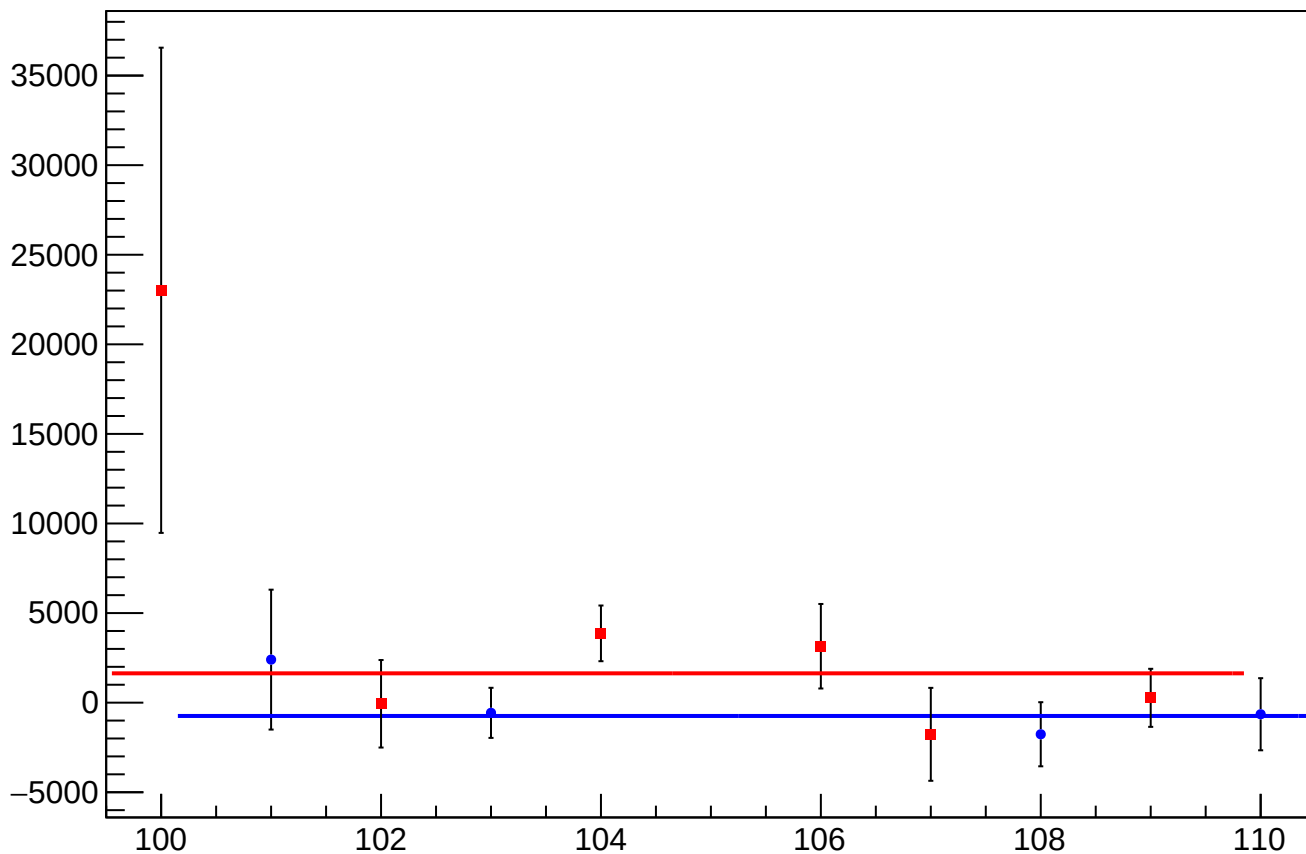
Right: 521.492+/-0.224 χ^2/NDF : 3105121.2/9

In: 506.401+/-0.313 χ^2/NDF : 1429659.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.492+/-0.224 χ^2/NDF : 3105121.2/9

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -742.773+/-937.987 χ^2 /NDF: 1.0/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1636.581+/-878.228 χ^2 /NDF: 7.9/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

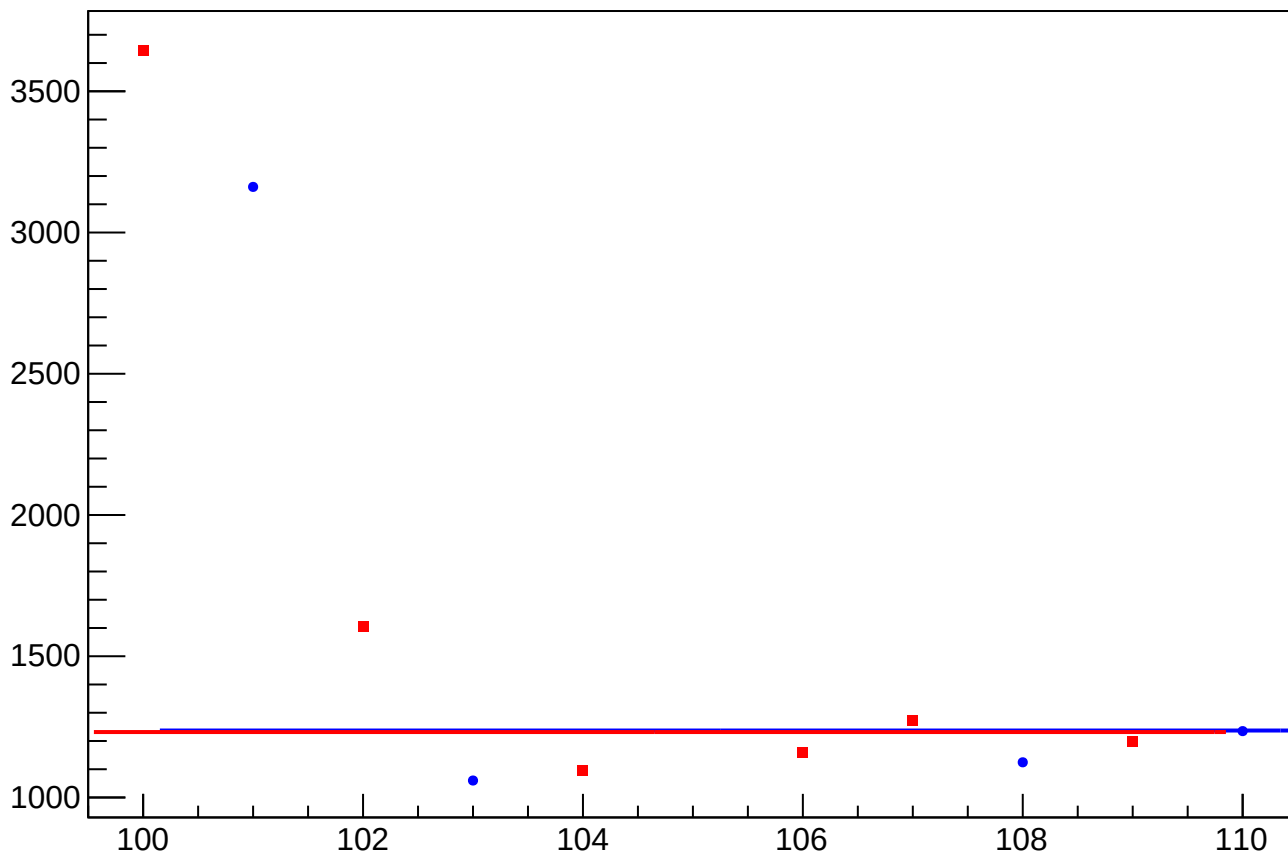
Right: 525.107+/-641.087 χ^2 /NDF: 12.3/9

In: -742.773+/-937.987 χ^2 /NDF: 1.0/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 525.107+/-641.087 χ^2 /NDF: 12.3/9

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1237.071+/-0.663 χ^2/NDF : 525937.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1231.669+/-0.621 χ^2/NDF : 129198.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

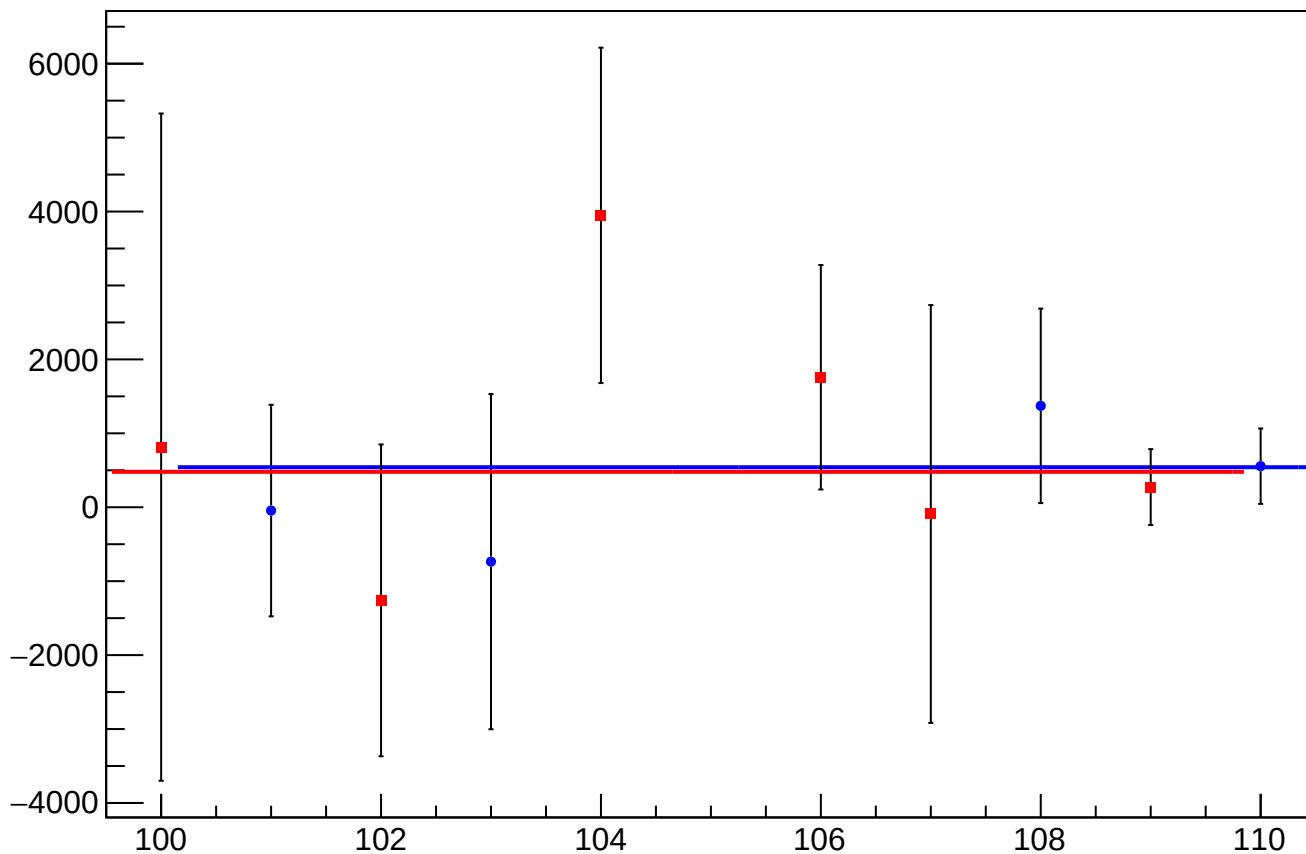
Right: 1234.193+/-0.453 χ^2/NDF : 655171.3/9

In: 1237.071+/-0.663 χ^2/NDF : 525937.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1234.193+/-0.453 χ^2/NDF : 655171.3/9

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 541.537 $\pm$ 442.464 χ^2 /NDF: 0.9/3

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 479.283 $\pm$ -455.213 χ^2 /NDF: 3.9/5

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

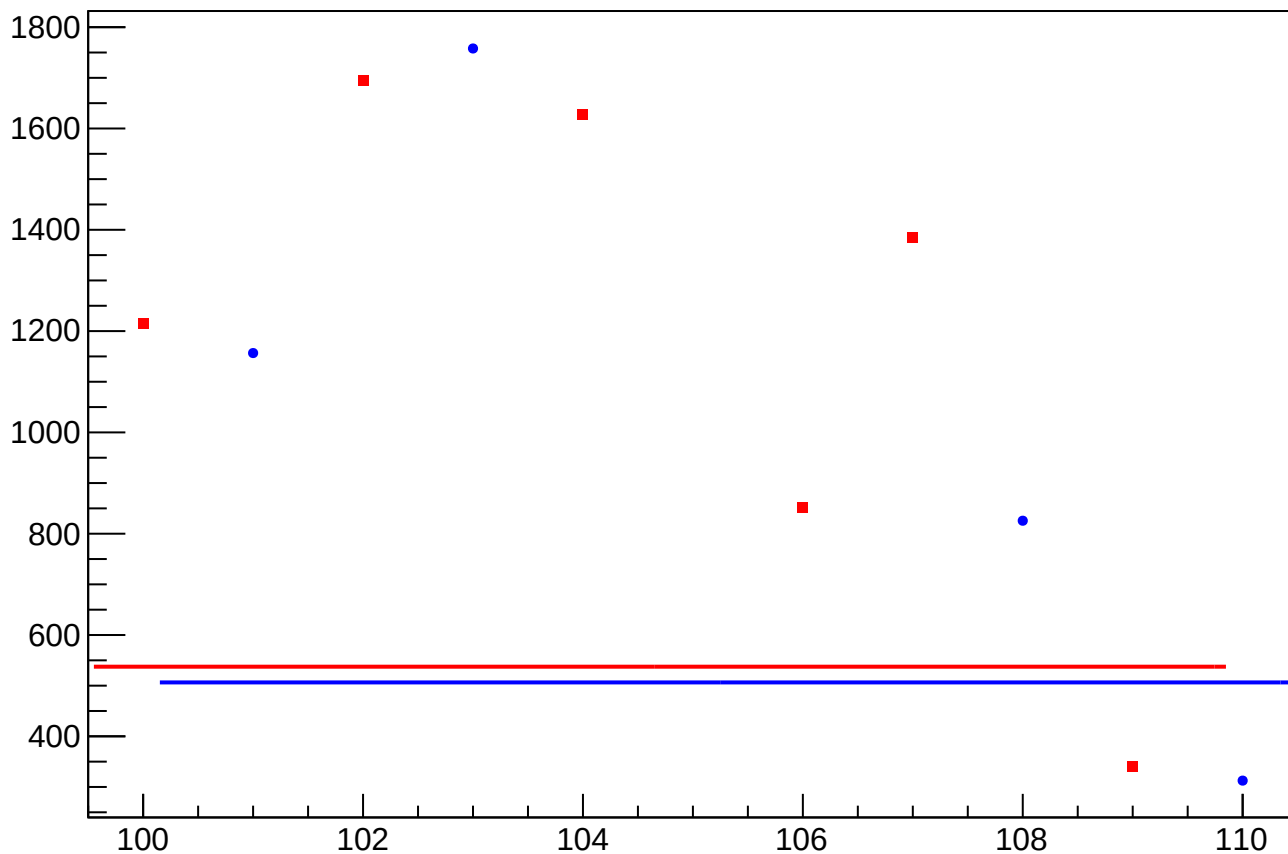
Right: 511.294 $\pm$ -317.281 χ^2 /NDF: 4.8/9

In: 541.537 $\pm$ -442.464 χ^2 /NDF:0.9/3

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 511.294 $\pm$ -317.281 χ^2 /NDF: 4.8/9

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 506.398+/-0.313 χ^2/NDF : 1429667.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.457+/-0.322 χ^2/NDF : 1670704.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

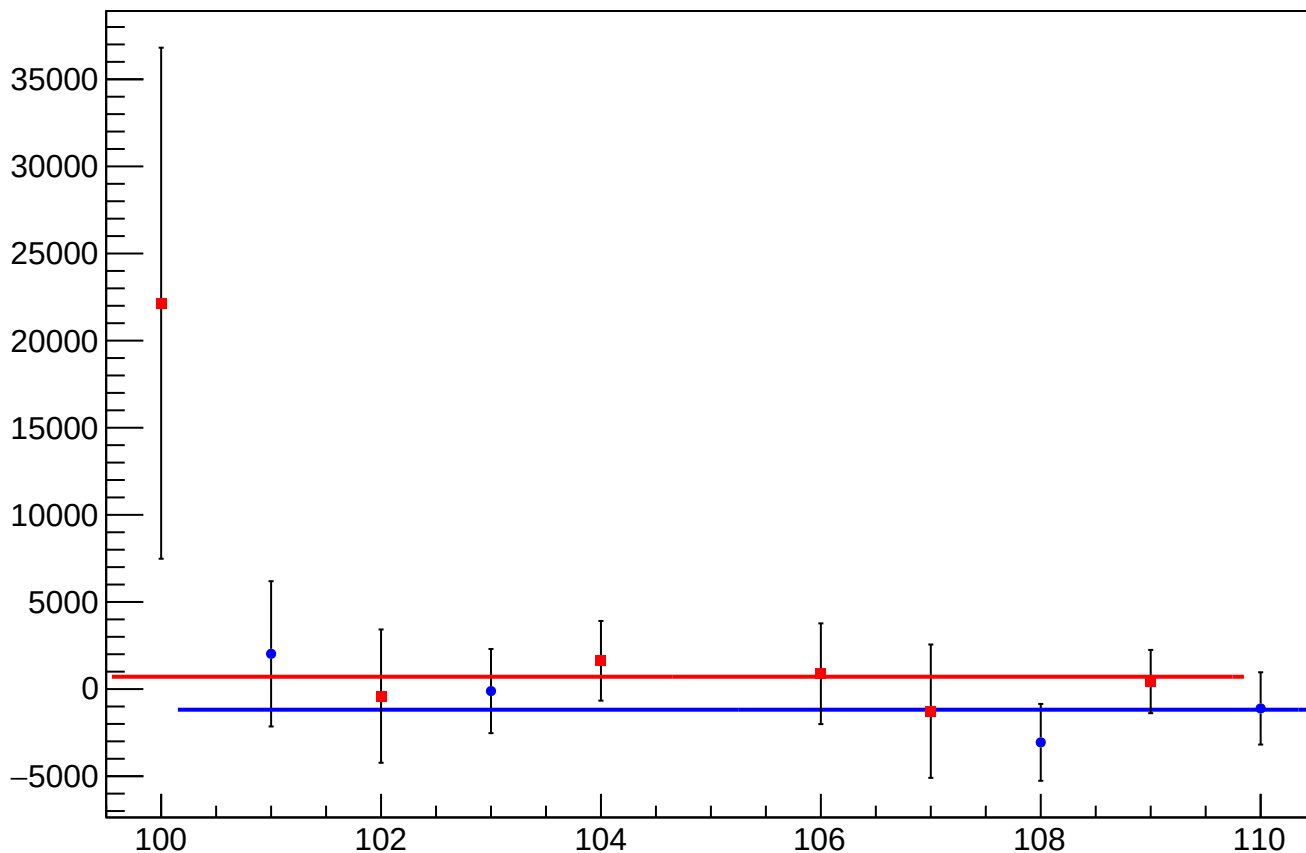
Right: 521.486+/-0.224 χ^2/NDF : 3105159.6/9

In: 506.398+/-0.313 χ^2/NDF : 1429667.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.486+/-0.224 χ^2/NDF : 3105159.6/9

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1183.722 ± 1224.727 χ^2/NDF : 1.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 708.915 ± 1150.435 χ^2/NDF : 2.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

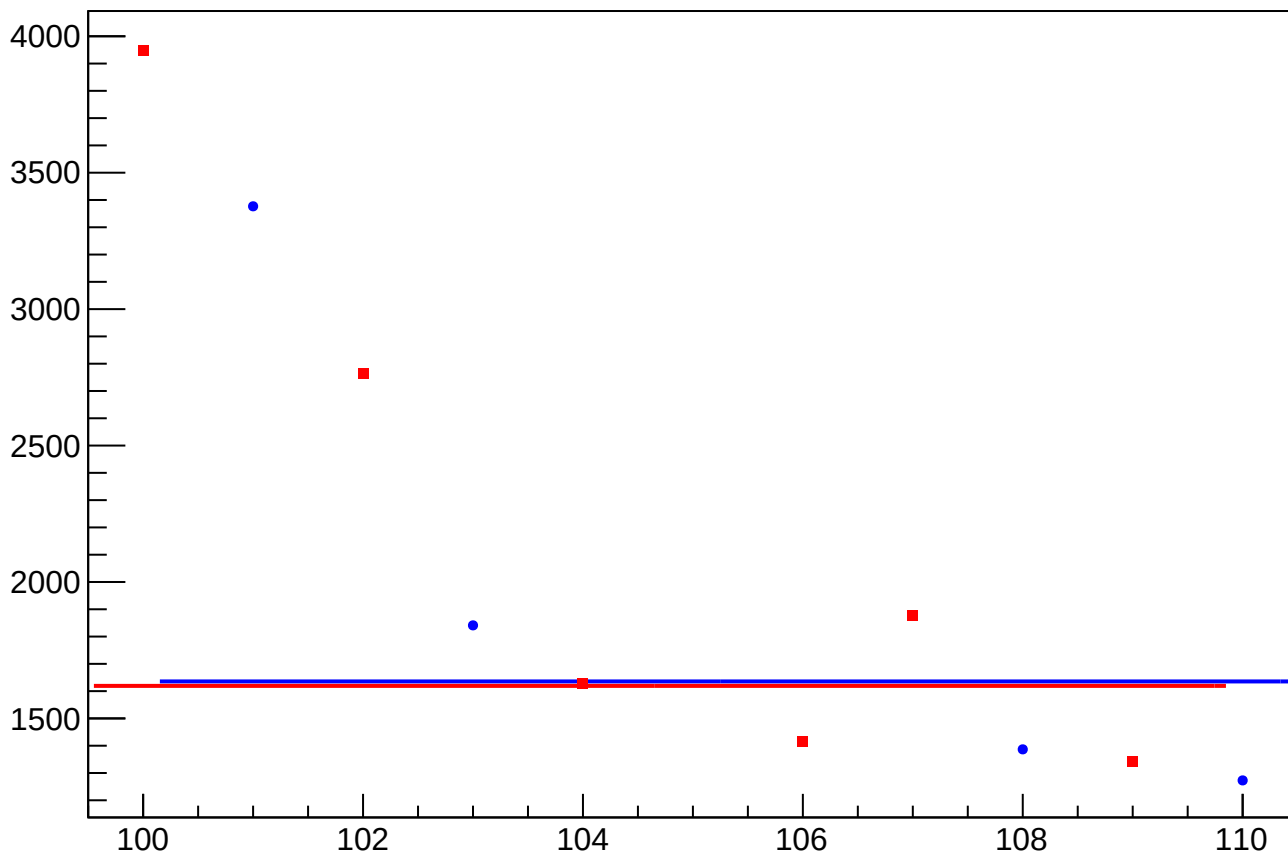
Right: -178.262 ± 838.515 χ^2/NDF : 5.5/9

In: -1183.722 ± 1224.727 χ^2/NDF : 1.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -178.262 ± 838.515 χ^2/NDF : 5.5/9

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1635.548+/-0.866 χ^2/NDF : 449981.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1619.249+/-0.813 χ^2/NDF : 295358.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

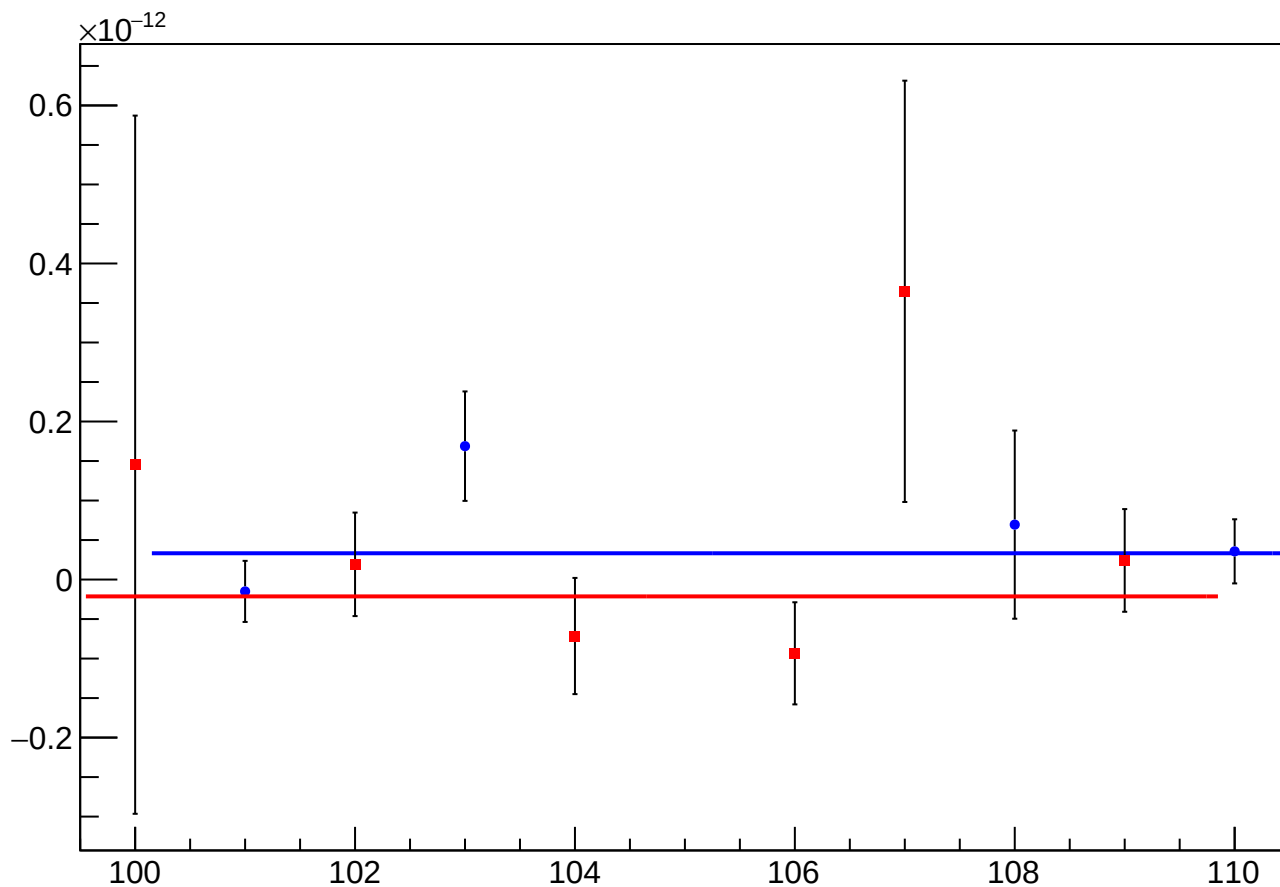
Right: 1626.889+/-0.593 χ^2/NDF : 745527.9/9

In: 1635.548+/-0.866 χ^2/NDF : 449981.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.889+/-0.593 χ^2/NDF : 745527.9/9

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

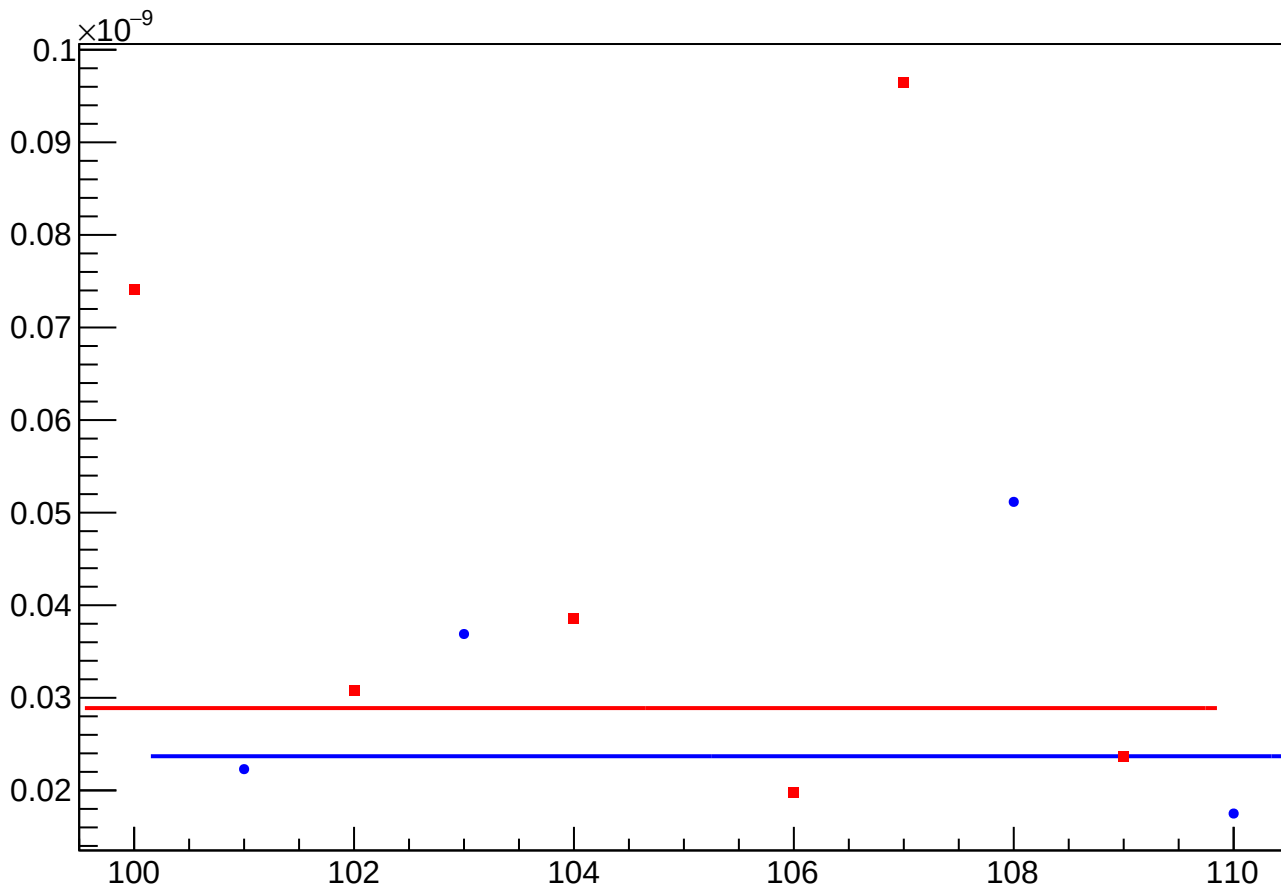
Right: 0.000+/-0.000 χ^2/NDF : 12.0/9

In: 0.000+/-0.000 χ^2/NDF : 5.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.0/9

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 228260.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 238568.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

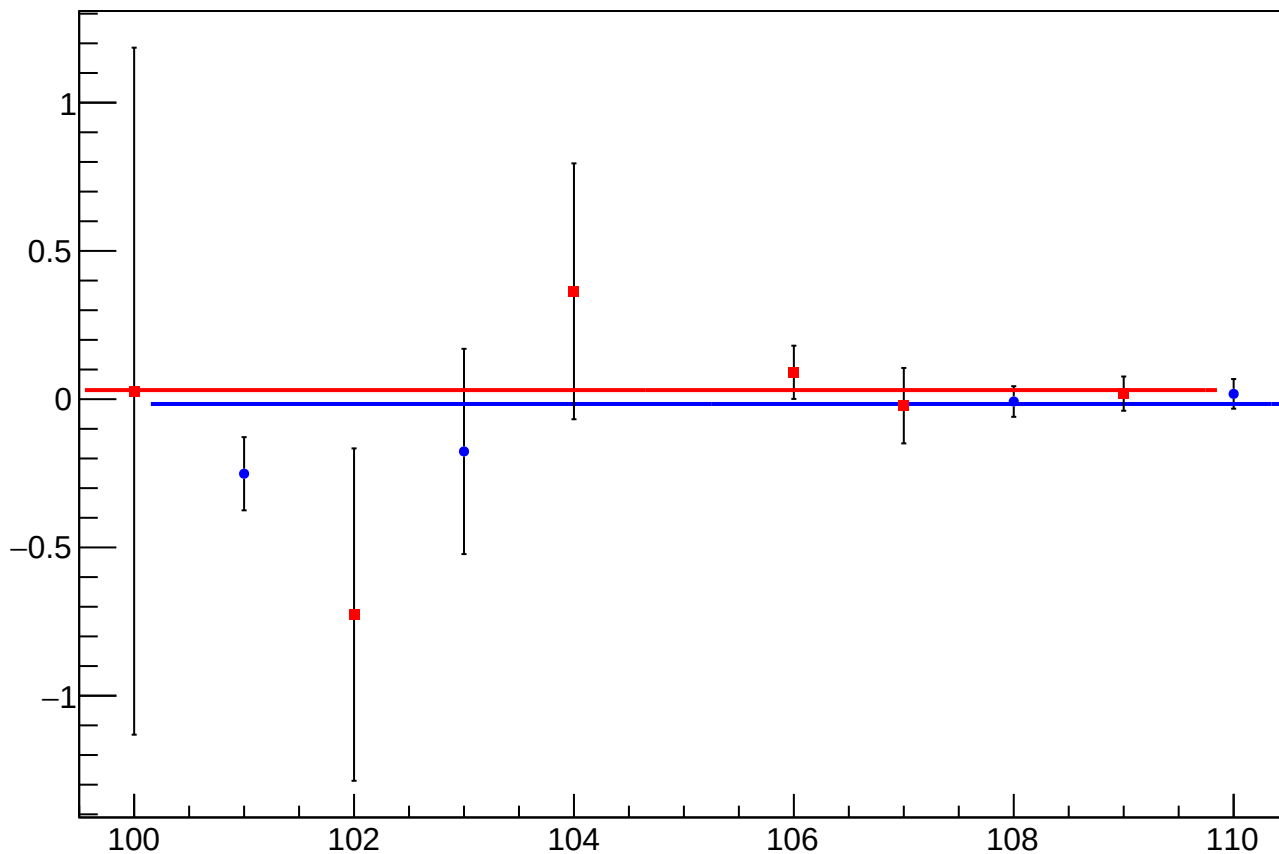
Right: 0.000+/-0.000 χ^2/NDF : 497949.9/9

In: 0.000+/-0.000 χ^2/NDF : 228260.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 497949.9/9

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.034 χ^2/NDF : 4.3/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.031+/-0.045 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

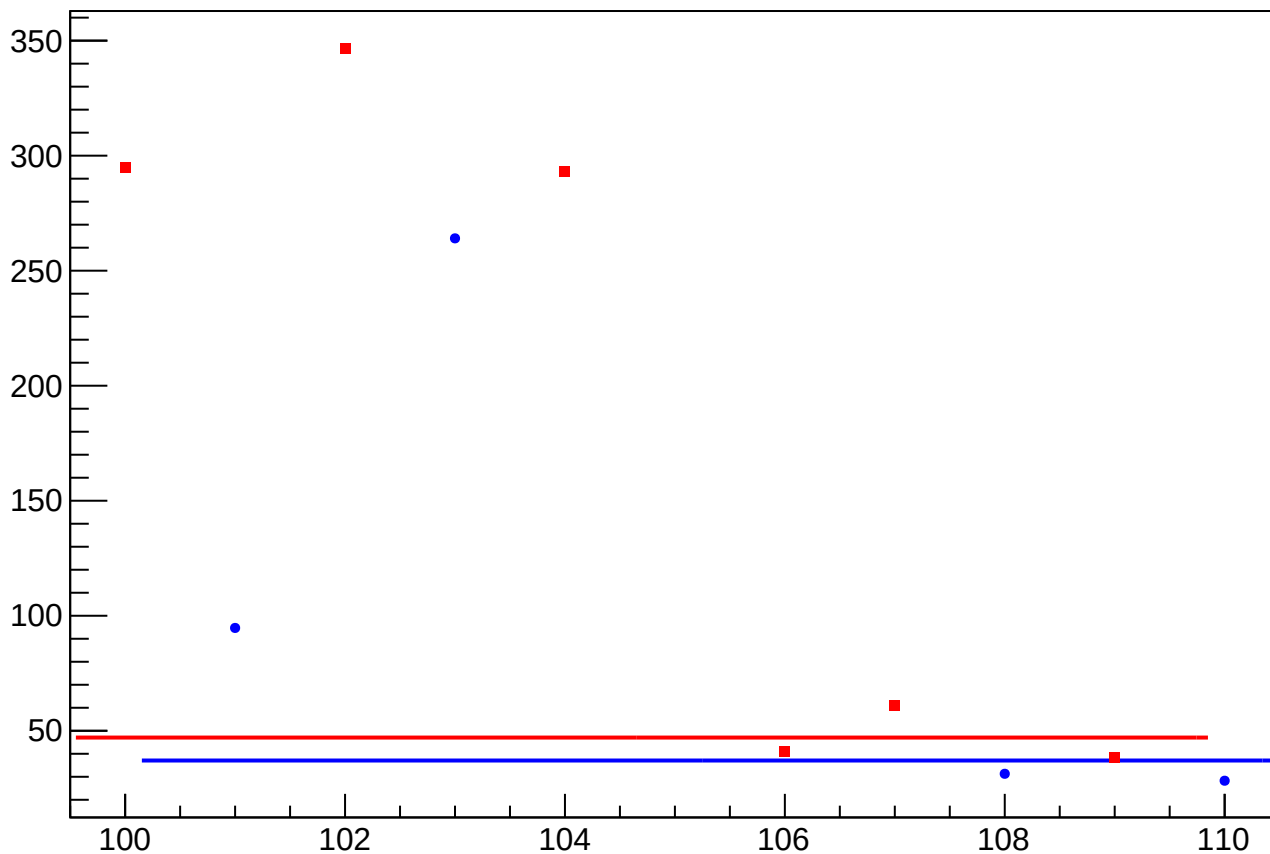
Right: 0.001+/-0.027 χ^2/NDF : 8.1/9

In: -0.016+/-0.034 χ^2/NDF :4.3/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.027 χ^2/NDF : 8.1/9

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.072+/-0.024 χ^2/NDF : 1383022.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 47.050+/-0.032 χ^2/NDF : 1389373.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

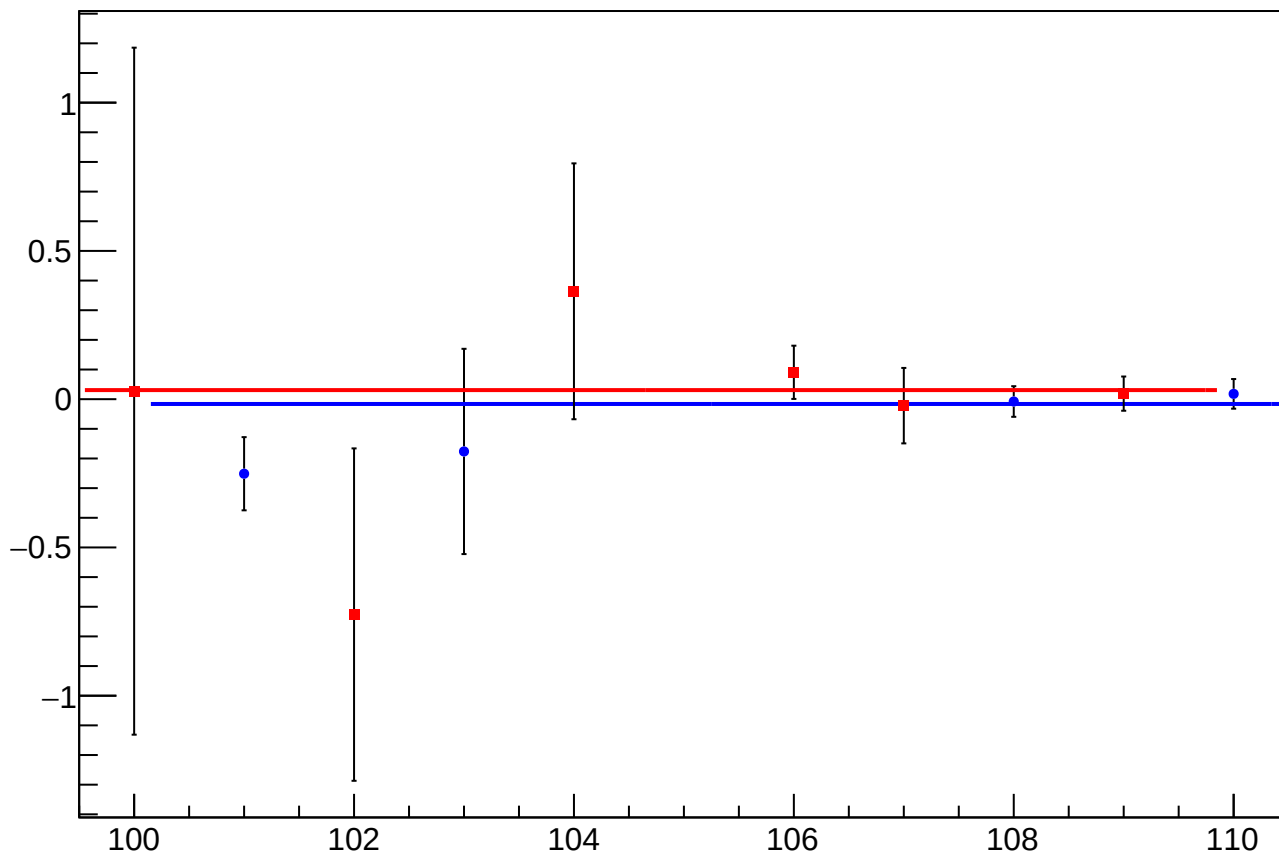
Right: 40.749+/-0.019 χ^2/NDF : 2834711.5/9

In: 37.072+/-0.024 χ^2/NDF :1383022.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 40.749+/-0.019 χ^2/NDF : 2834711.5/9

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.034 χ^2/NDF : 4.3/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.031+/-0.045 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

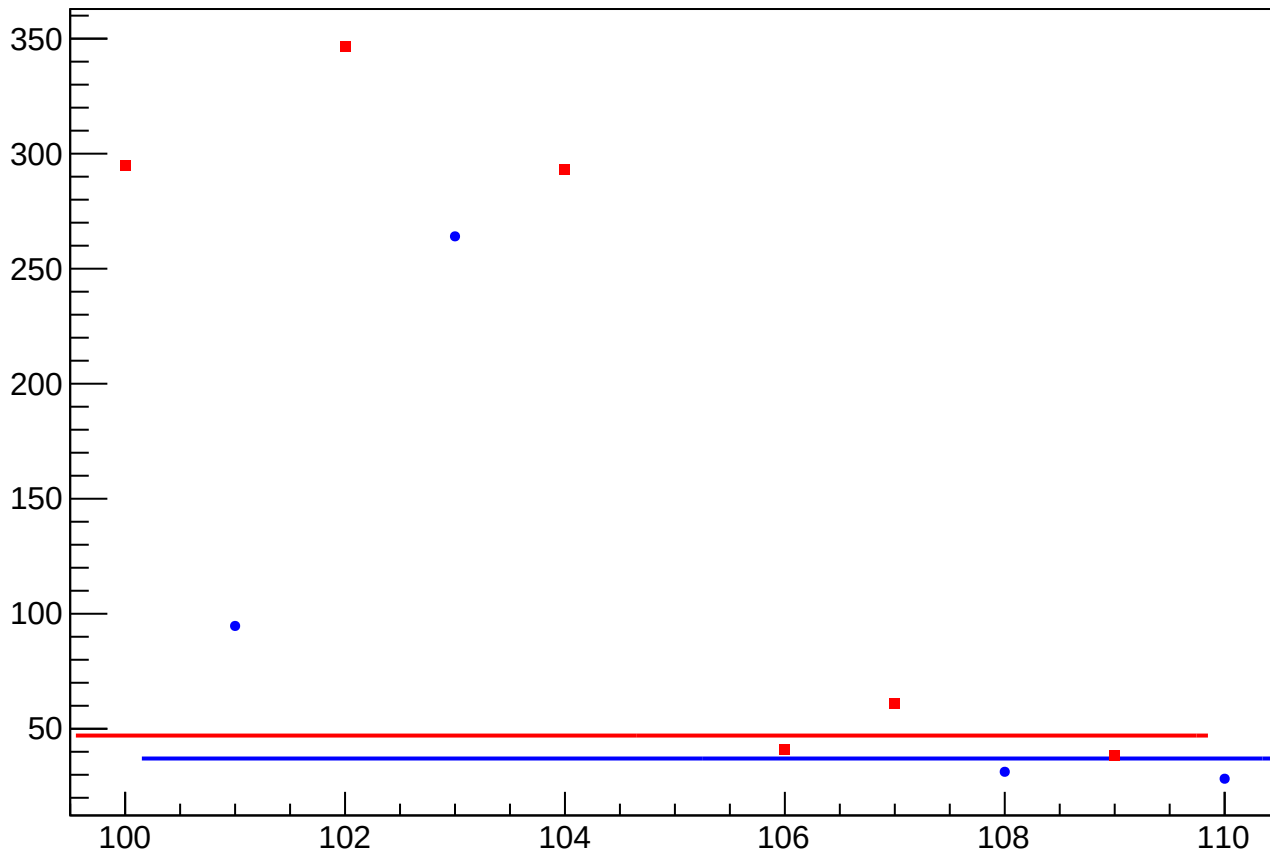
Right: 0.001+/-0.027 χ^2/NDF : 8.1/9

In: -0.016+/-0.034 χ^2/NDF :4.3/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.027 χ^2/NDF : 8.1/9

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.072+/-0.024 χ^2/NDF : 1383022.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 47.050+/-0.032 χ^2/NDF : 1389373.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

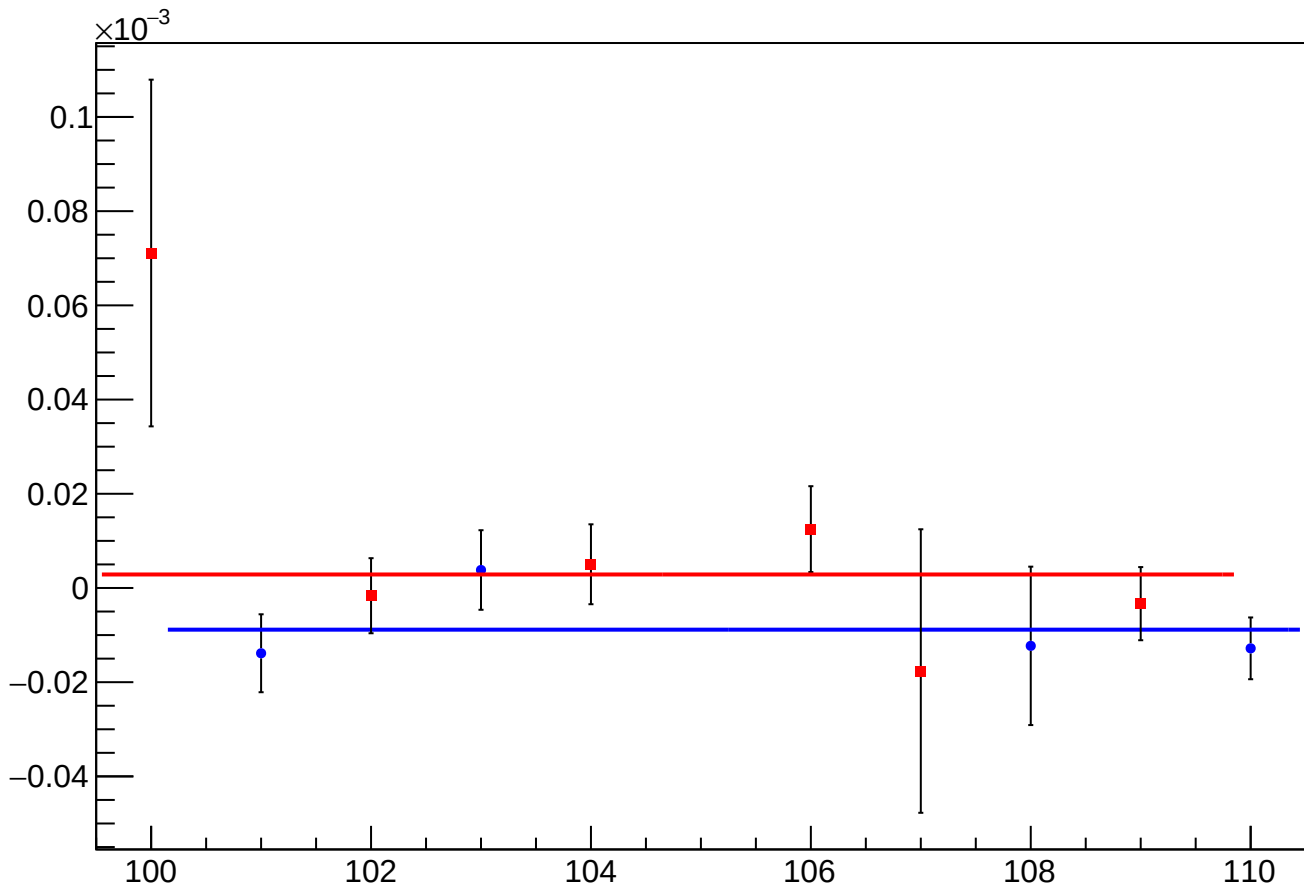
Right: 40.749+/-0.019 χ^2/NDF : 2834711.5/9

In: 37.072+/-0.024 χ^2/NDF :1383022.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 40.749+/-0.019 χ^2/NDF : 2834711.5/9

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

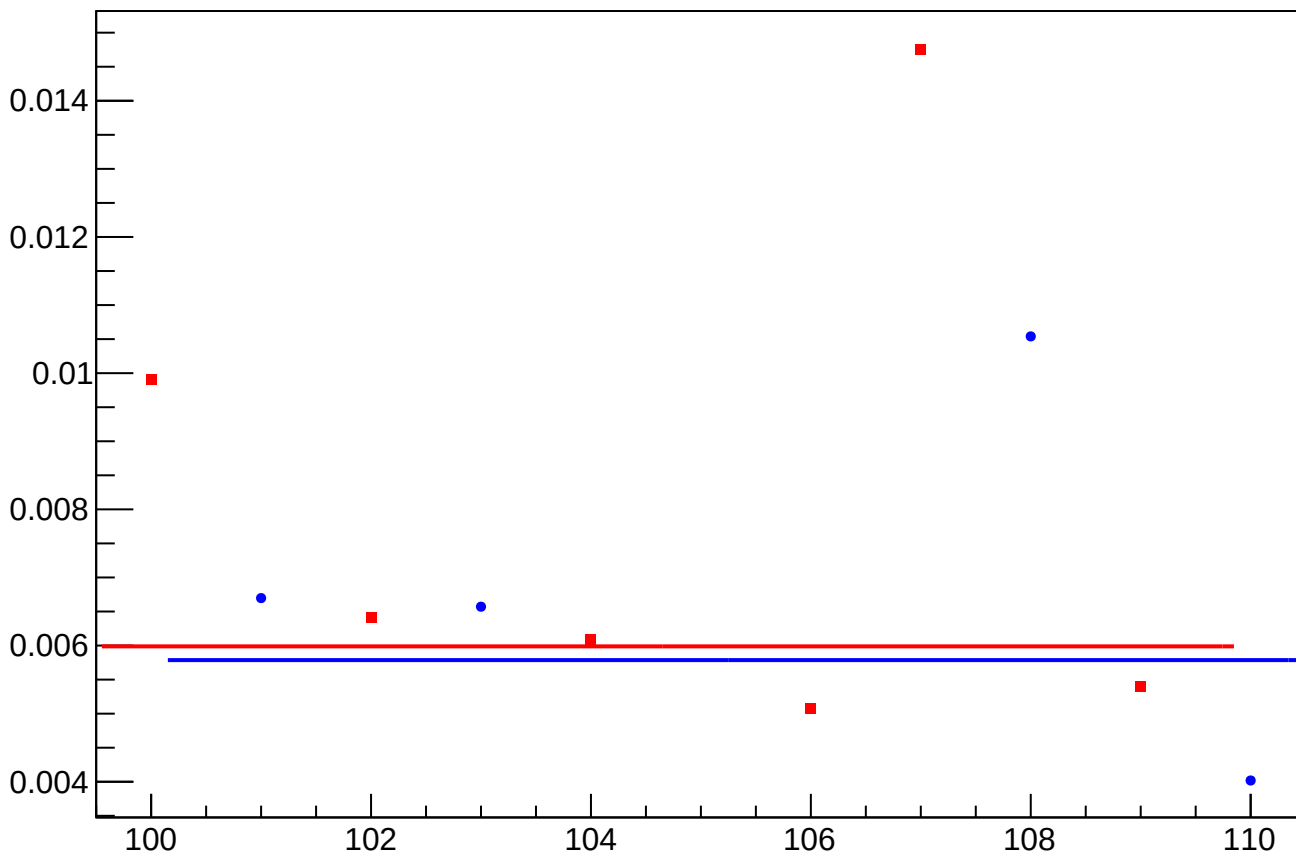
Right: -0.000+/-0.000 χ^2/NDF : 13.0/9

In: -0.000+/-0.000 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.0/9

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 346655.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 230384.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

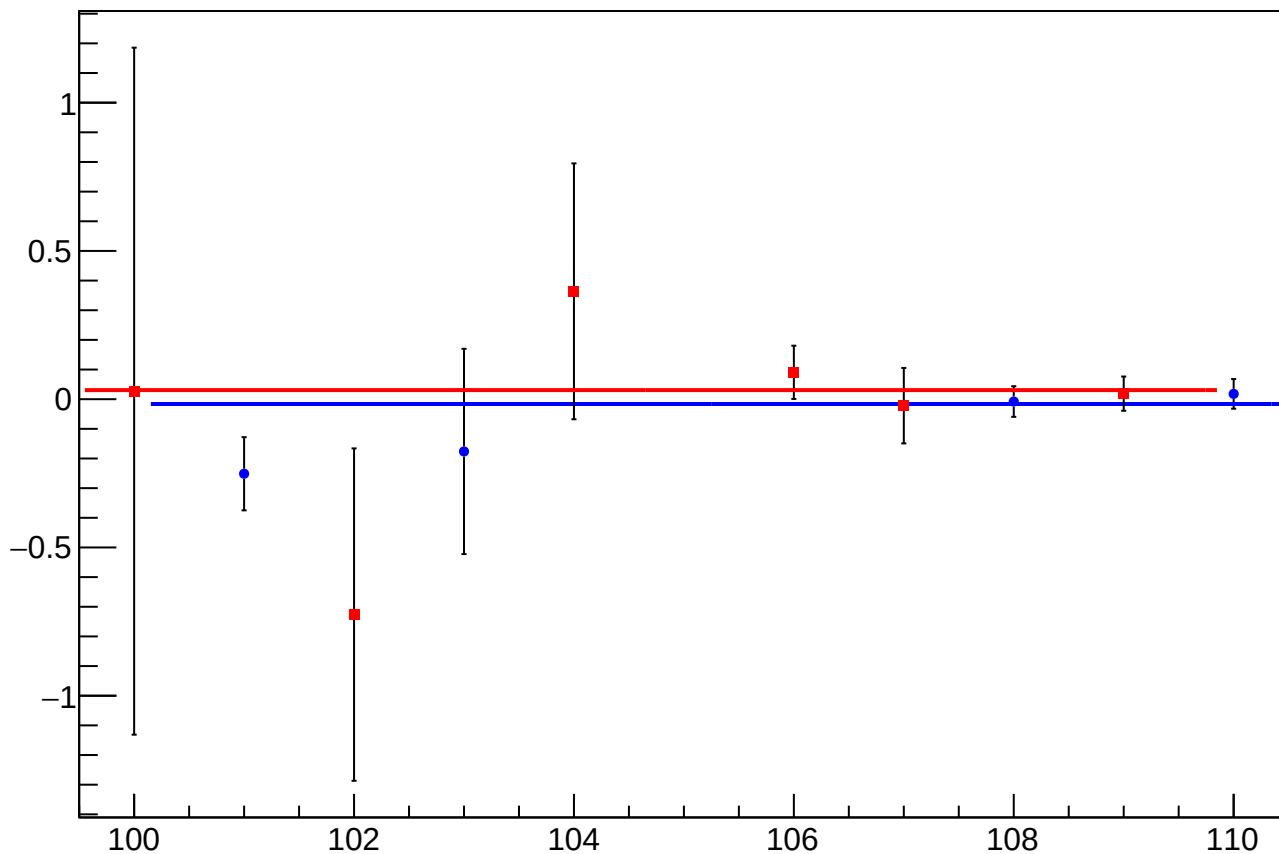
Right: 0.006+/-0.000 χ^2/NDF : 579389.8/9

In: 0.006+/-0.000 χ^2/NDF : 346655.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 579389.8/9

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.034 χ^2/NDF : 4.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.045 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

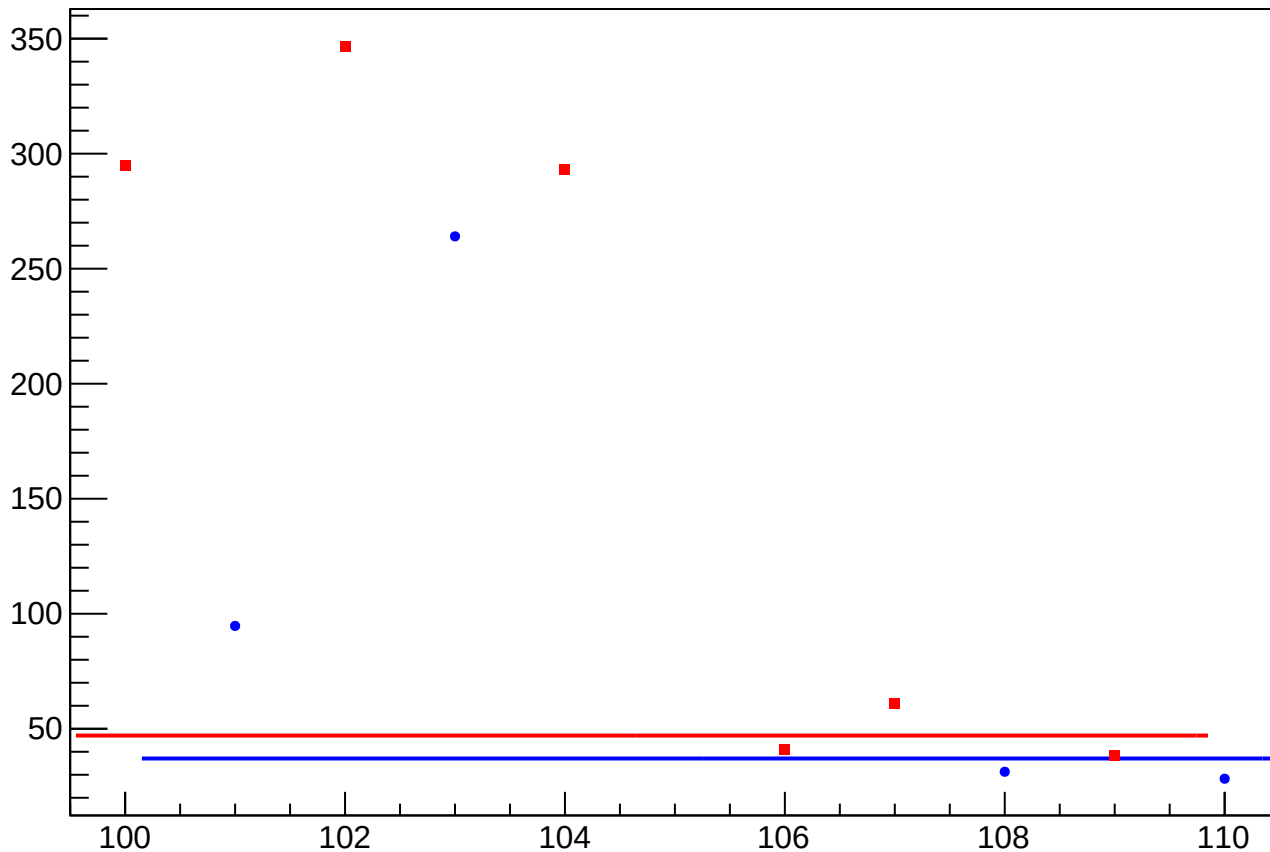
Right: 0.001+/-0.027 χ^2/NDF : 8.1/9

In: -0.016+/-0.034 χ^2/NDF : 4.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.027 χ^2/NDF : 8.1/9

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.072+/-0.024 χ^2/NDF : 1383051.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.049+/-0.032 χ^2/NDF : 1389390.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

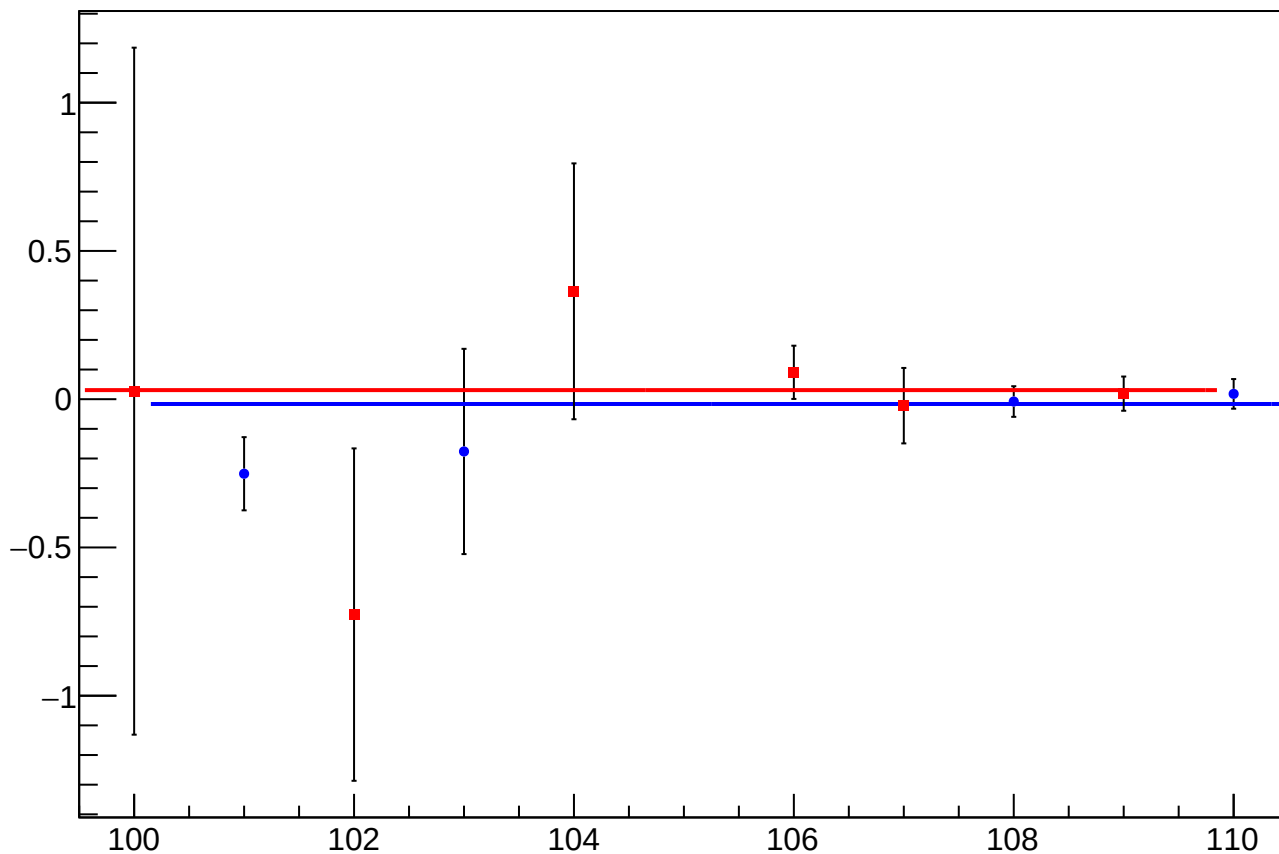
Right: 40.748+/-0.019 χ^2/NDF : 2834755.0/9

In: 37.072+/-0.024 χ^2/NDF : 1383051.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.748+/-0.019 χ^2/NDF : 2834755.0/9

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.034 χ^2/NDF : 4.3/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.031 ± 0.045 χ^2/NDF : 3.1/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

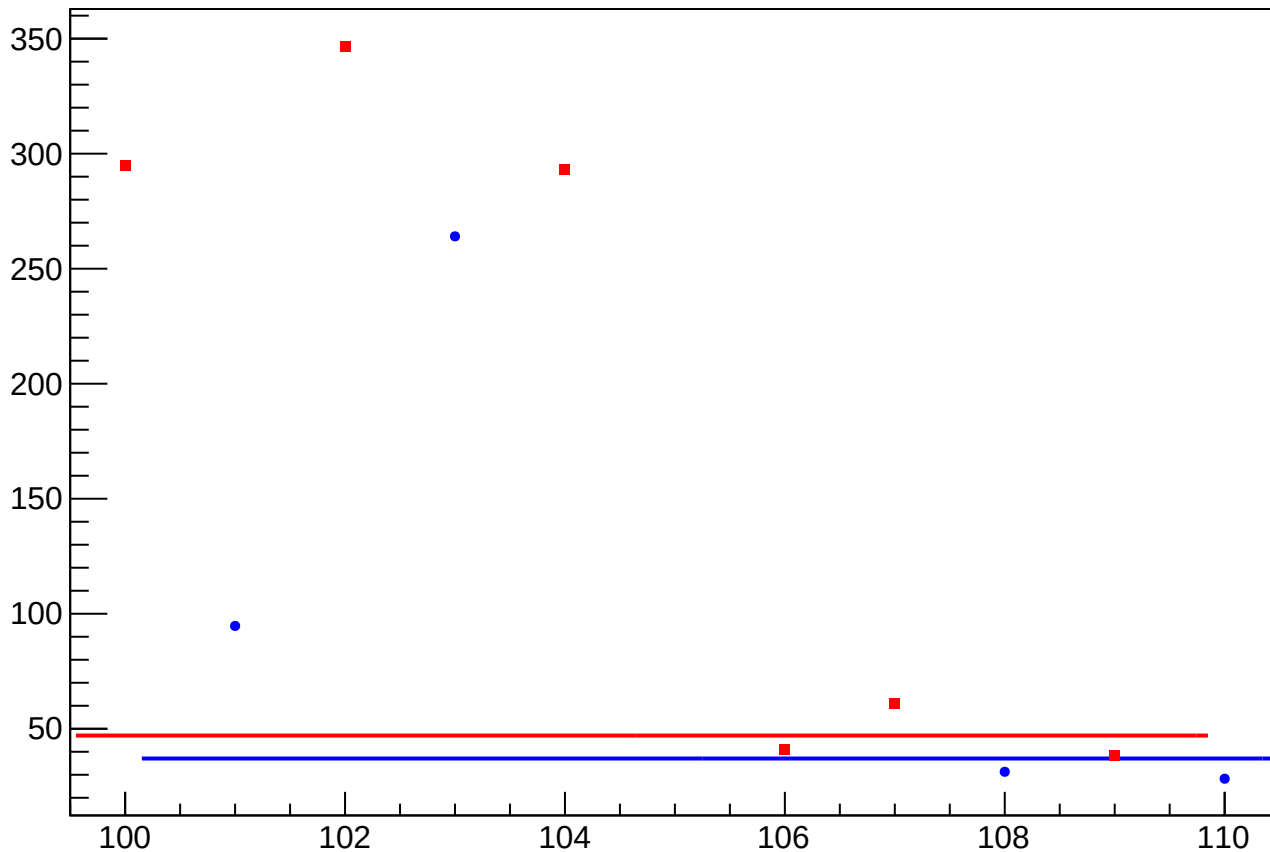
Right: 0.001 ± 0.027 χ^2/NDF : 8.1/9

In: -0.016 ± 0.034 χ^2/NDF : 4.3/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.027 χ^2/NDF : 8.1/9

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.072+/-0.024 χ^2/NDF : 1383051.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.049+/-0.032 χ^2/NDF : 1389390.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

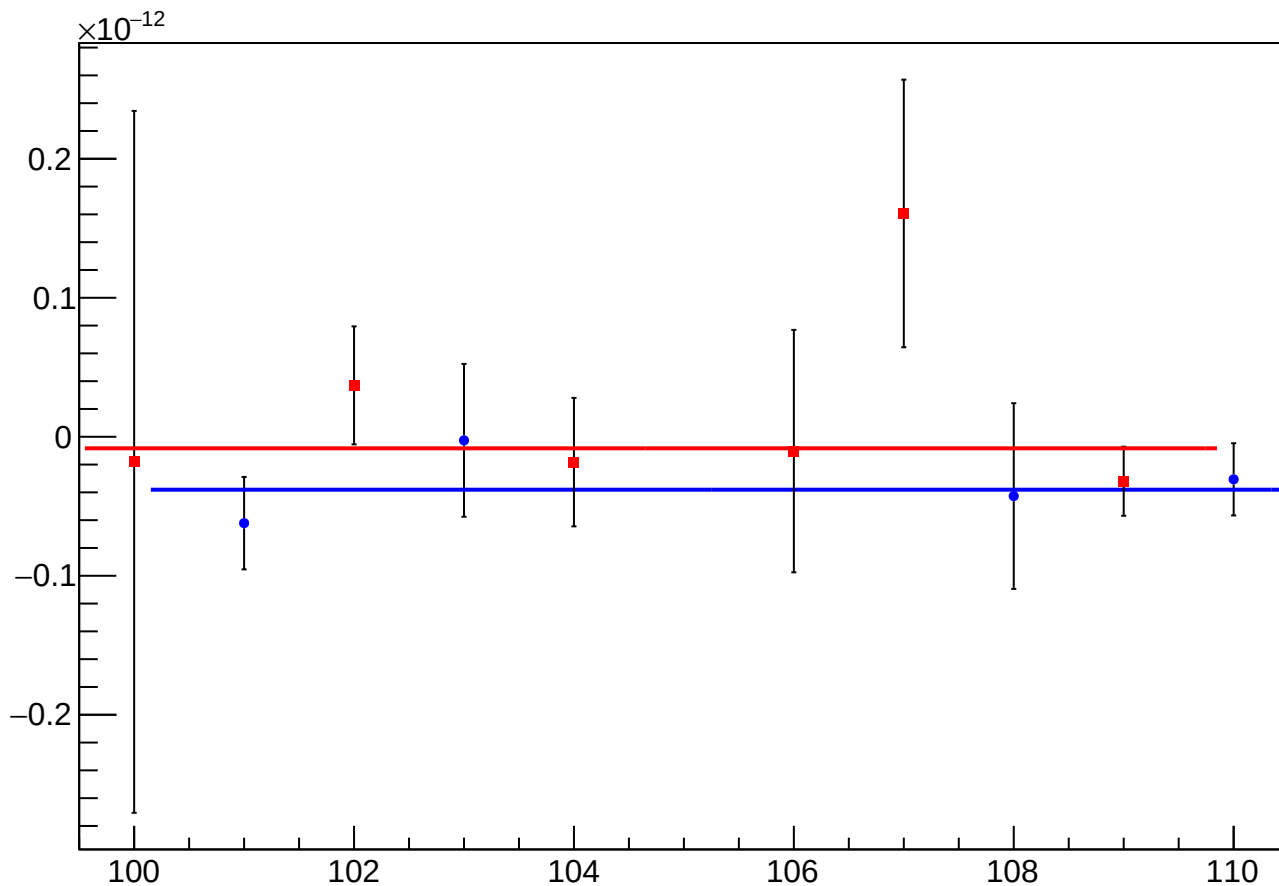
Right: 40.748+/-0.019 χ^2/NDF : 2834755.0/9

In: 37.072+/-0.024 χ^2/NDF : 1383051.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.748+/-0.019 χ^2/NDF : 2834755.0/9

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

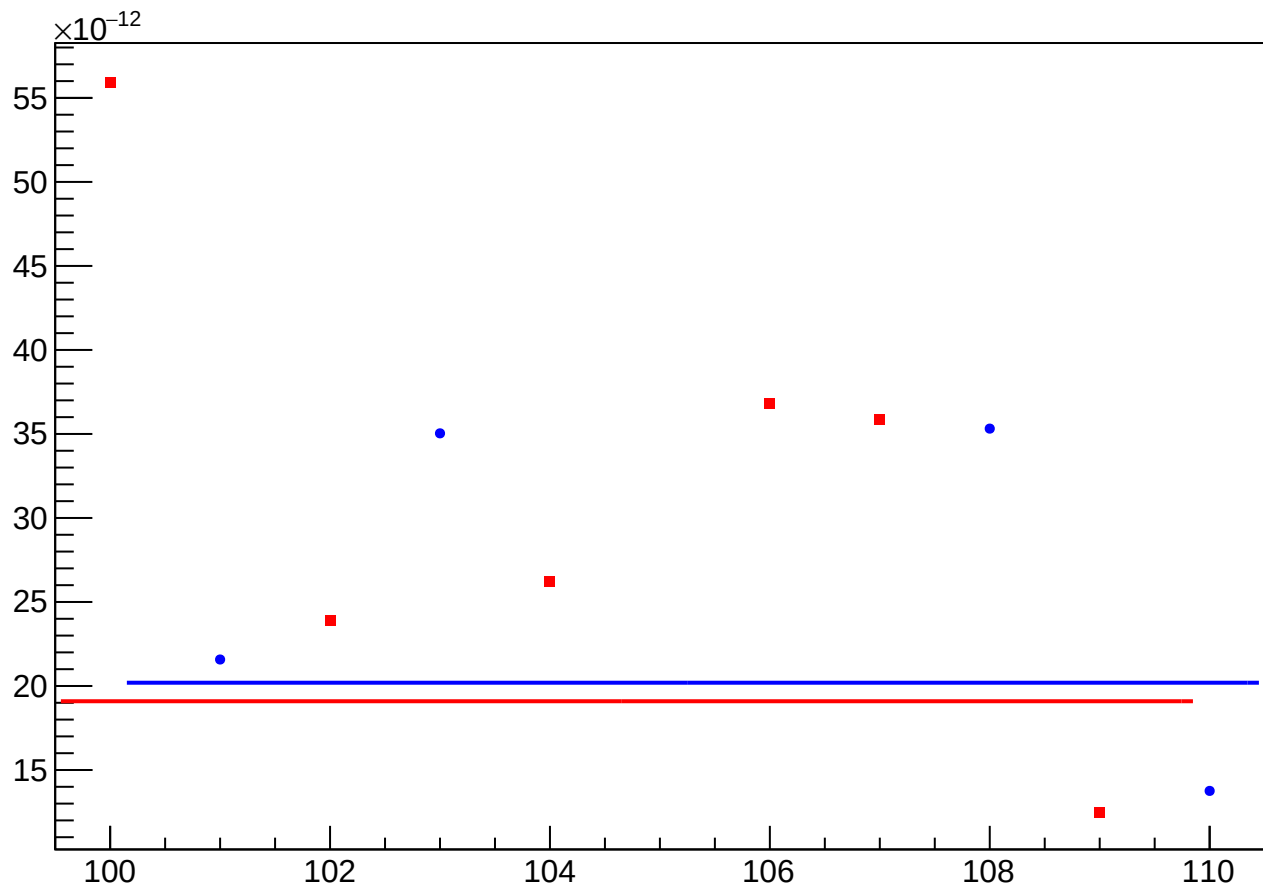
Right: -0.000+/-0.000 χ^2/NDF : 7.5/9

In: -0.000+/-0.000 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.5/9

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 374719.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 401231.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

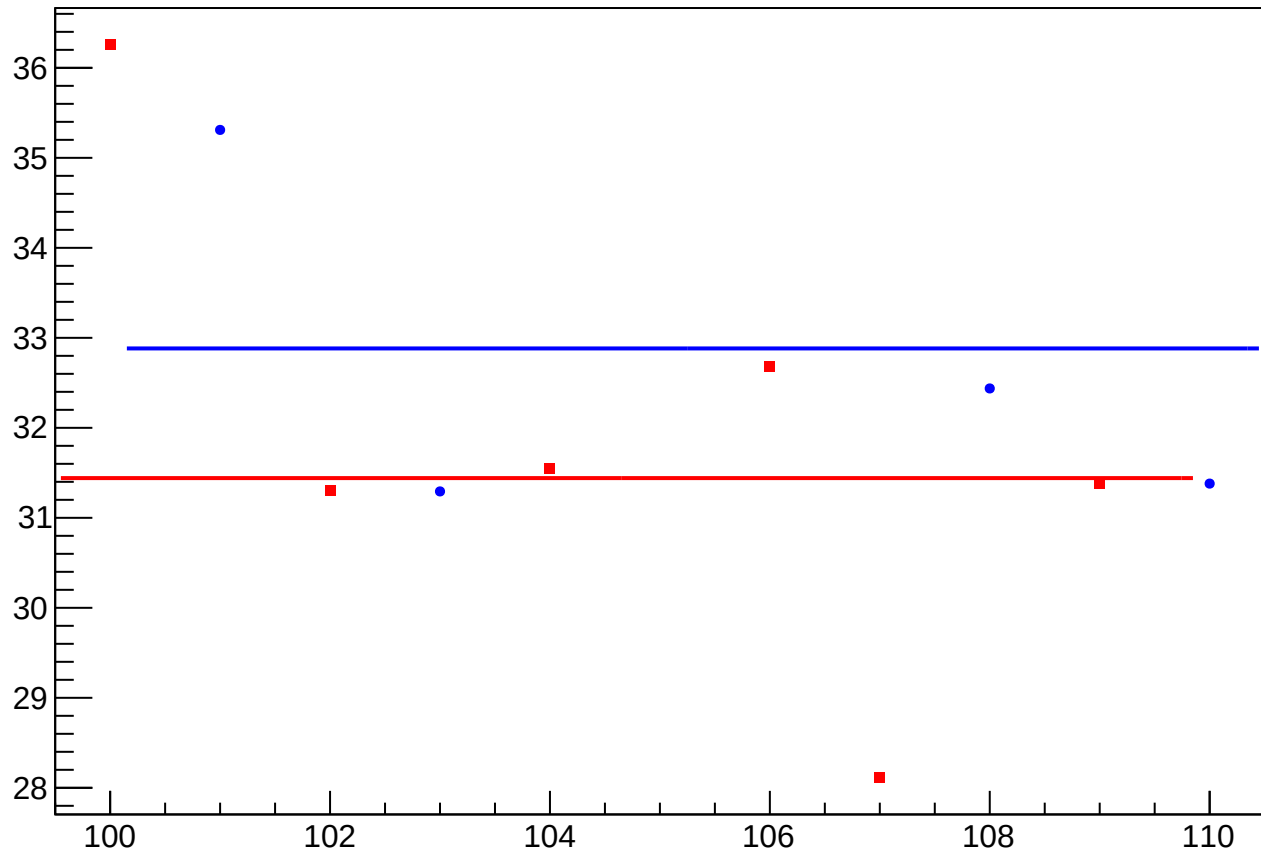
Right: 0.000+/-0.000 χ^2/NDF : 779500.2/9

In: 0.000+/-0.000 χ^2/NDF : 374719.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 779500.2/9

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.882+/-0.000 χ^2/NDF : 543042643.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.441+/-0.000 χ^2/NDF : 199564351.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

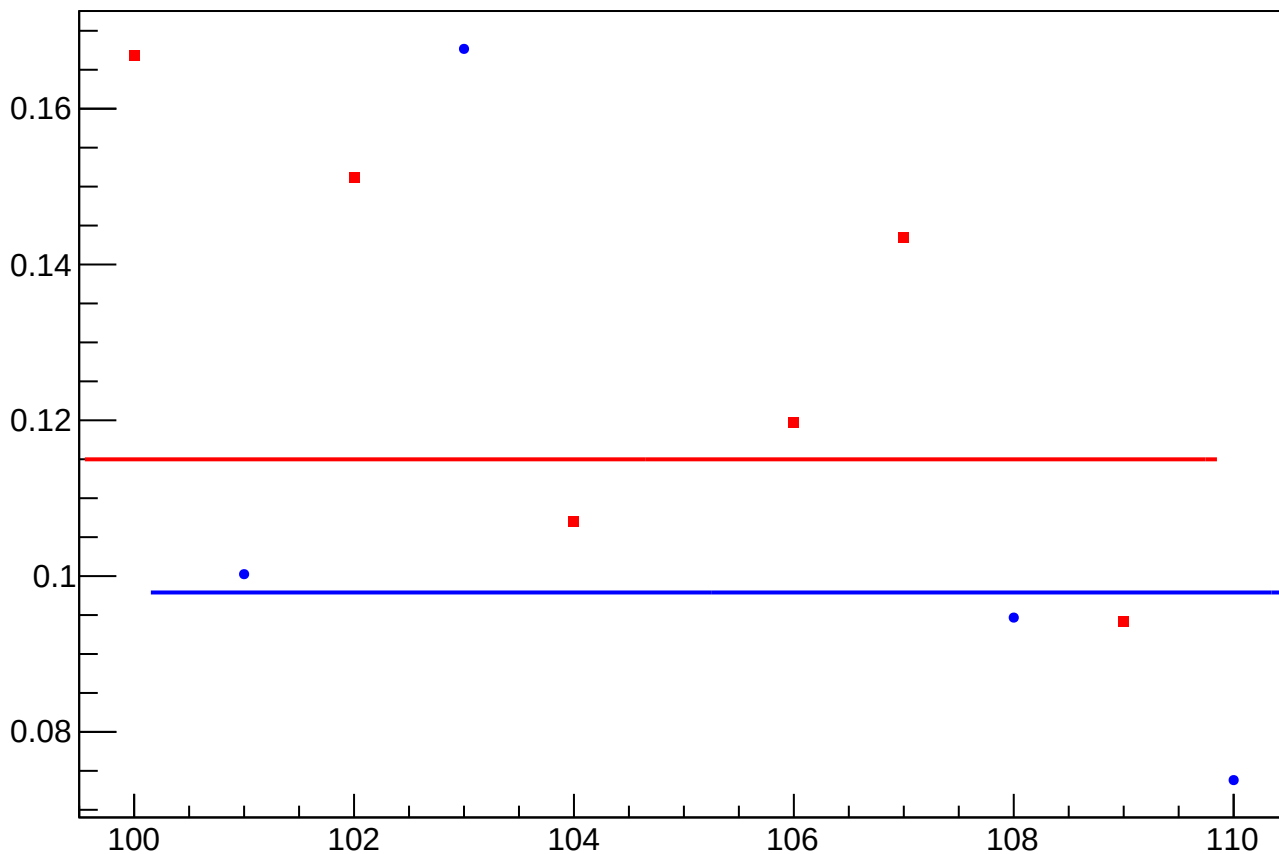
Right: 32.226+/-0.000 χ^2/NDF : 910752262.2/9

In: 32.882+/-0.000 χ^2/NDF : 543042643.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.226+/-0.000 χ^2/NDF : 910752262.2/9

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.098+/-0.000 χ^2/NDF : 276245.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.115+/-0.000 χ^2/NDF : 148544.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

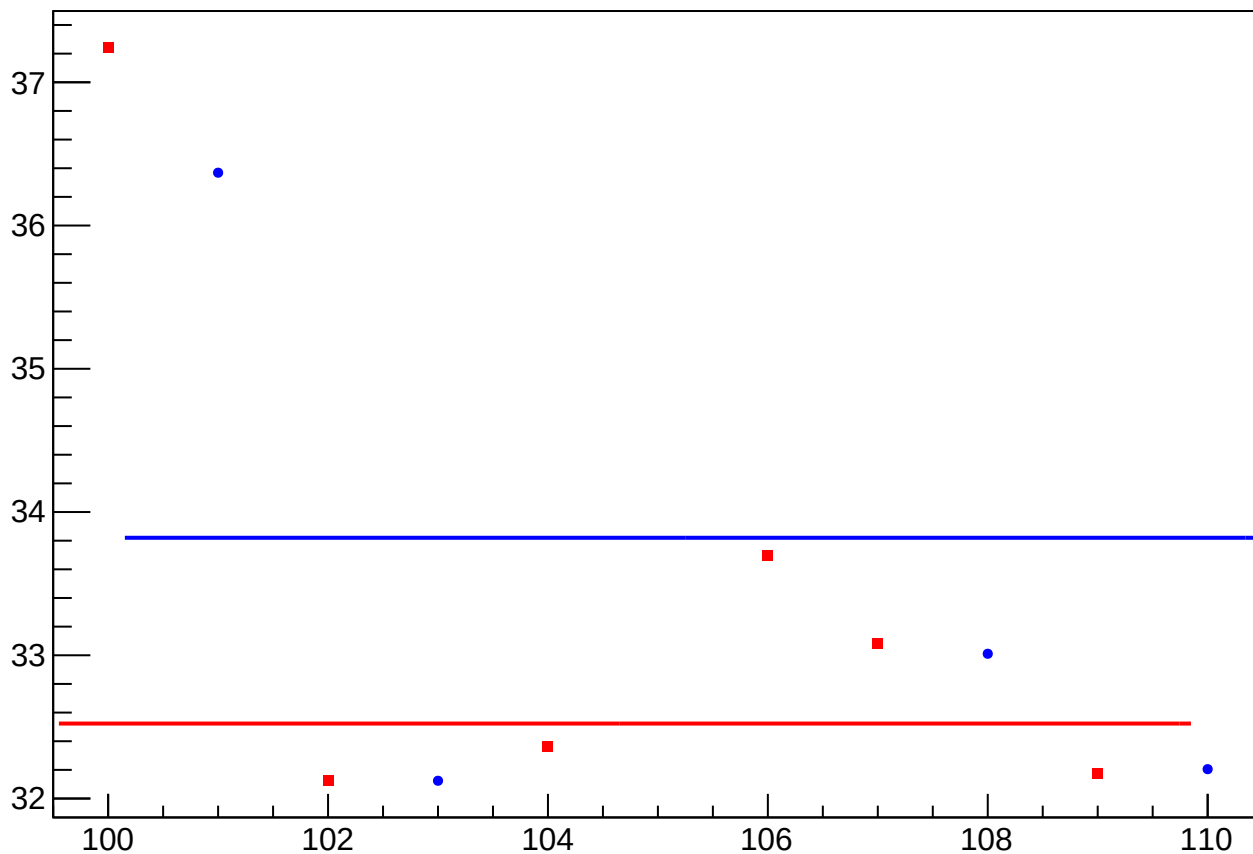
Right: 0.106+/-0.000 χ^2/NDF : 472124.0/9

In: 0.098+/-0.000 χ^2/NDF : 276245.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.106+/-0.000 χ^2/NDF : 472124.0/9

yield_usr_mean vs Slug, Sign Corrected



Right In: 33.820+/-0.000 χ^2/NDF : 444586933.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.523+/-0.000 χ^2/NDF : 65445499.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

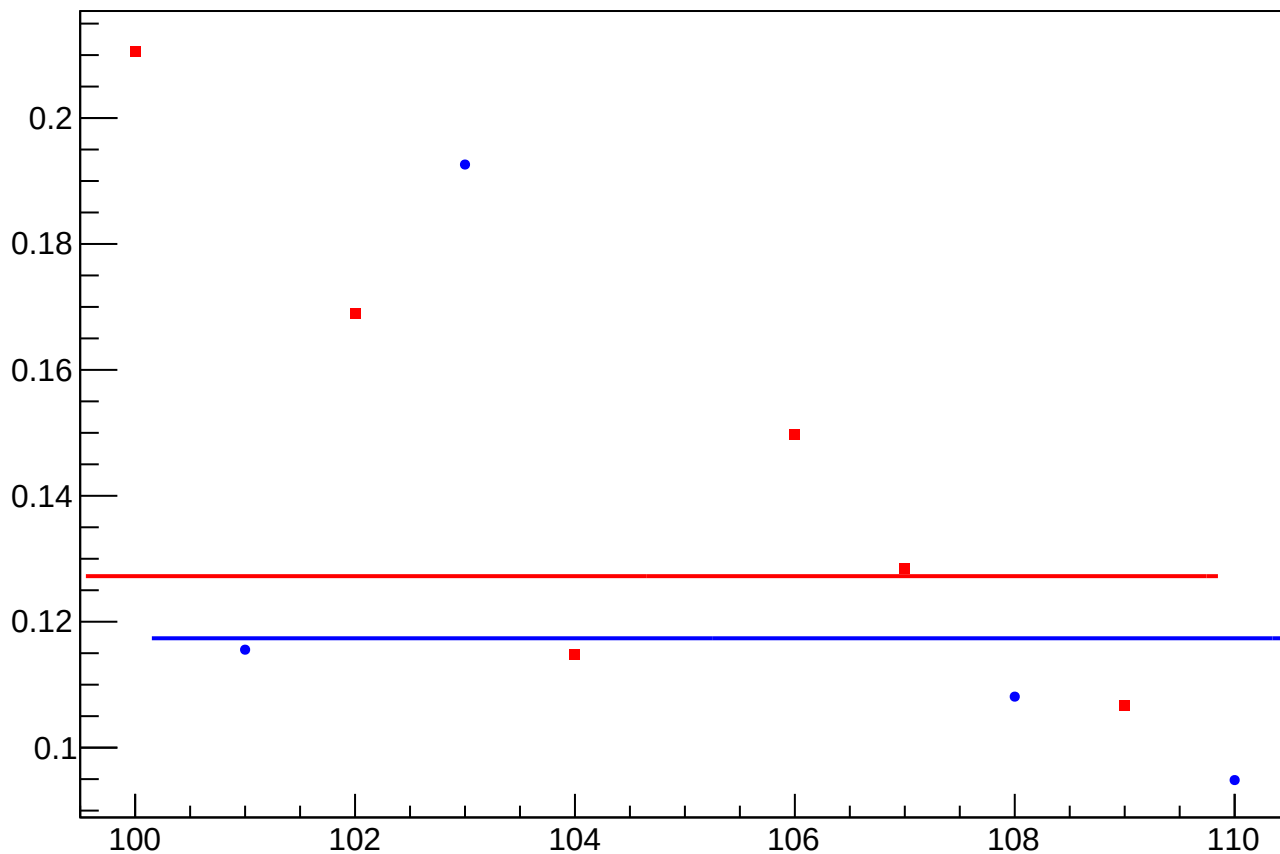
Right: 33.185+/-0.000 χ^2/NDF : 613228437.1/9

In: 33.820+/-0.000 χ^2/NDF : 444586933.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.185+/-0.000 χ^2/NDF : 613228437.1/9

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.117+/-0.000 χ^2/NDF : 222623.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.127+/-0.000 χ^2/NDF : 151850.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

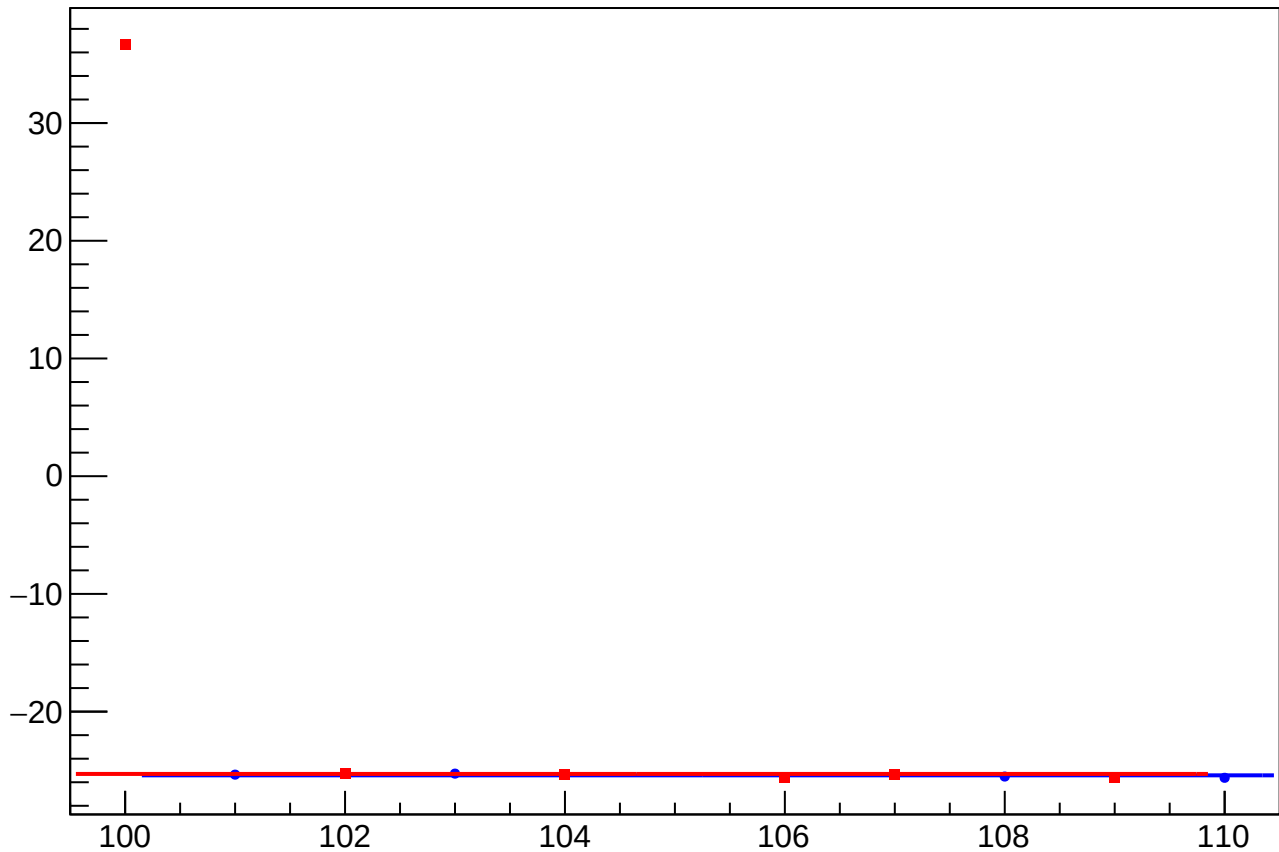
Right: 0.122+/-0.000 χ^2/NDF : 386418.8/9

In: 0.117+/-0.000 χ^2/NDF : 222623.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.122+/-0.000 χ^2/NDF : 386418.8/9

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.413+/-0.000 χ^2/NDF : 21524181.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.294+/-0.000 χ^2/NDF : 8761693309.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

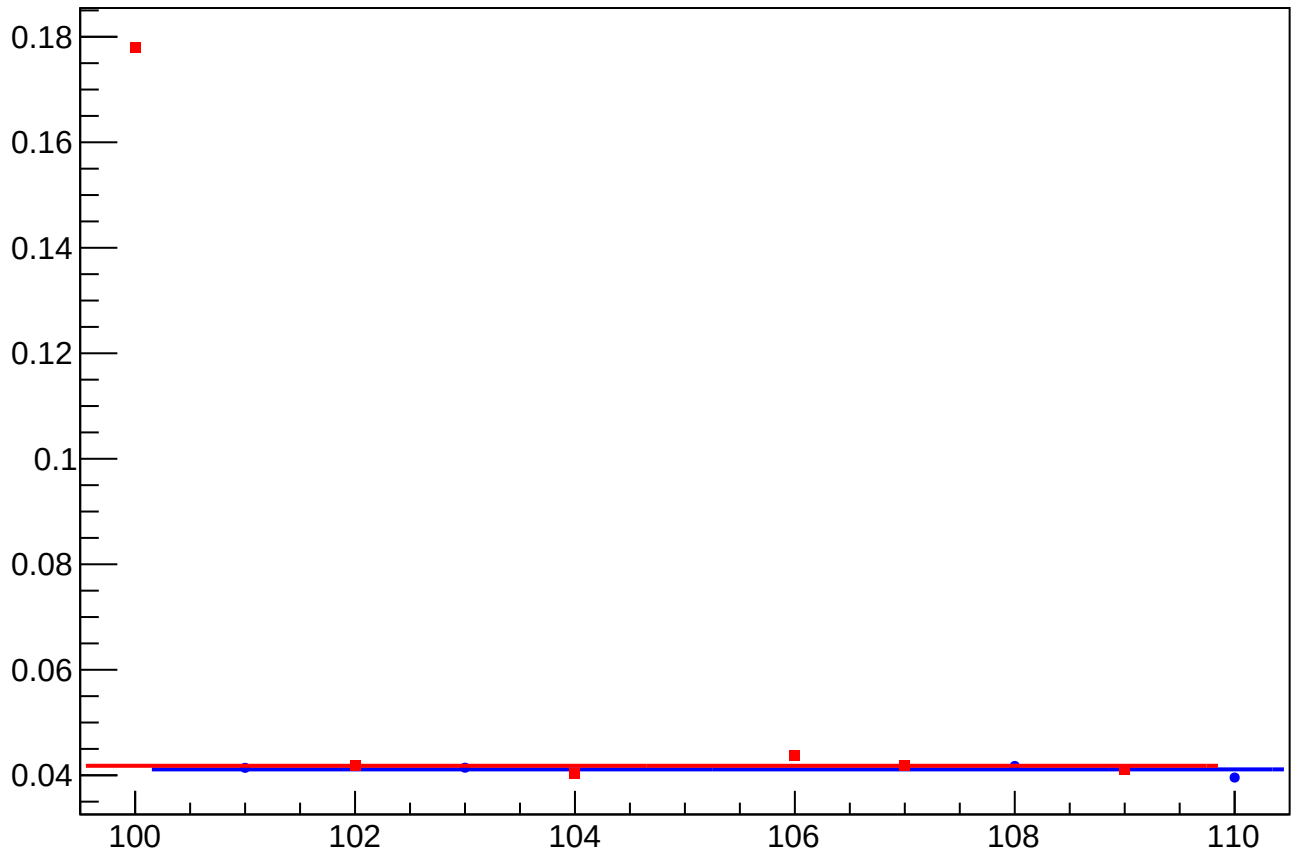
Right: -25.351+/-0.000 χ^2/NDF : 8791978913.2/9

In: -25.413+/-0.000 χ^2/NDF : 21524181.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.351+/-0.000 χ^2/NDF : 8791978913.2/9

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 1470.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 87405.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

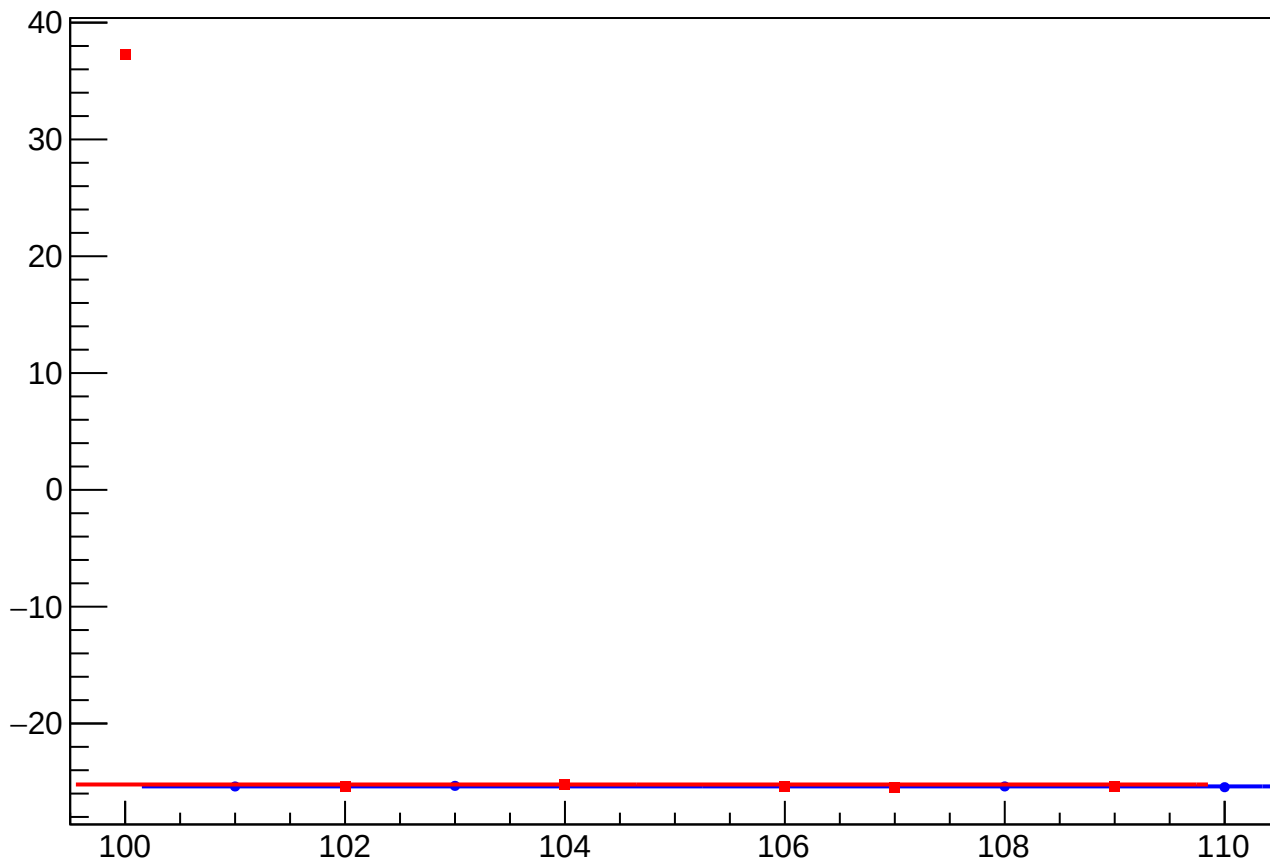
Right: 0.041+/-0.000 χ^2/NDF : 89456.7/9

In: 0.041+/-0.000 χ^2/NDF : 1470.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 89456.7/9

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.385+/-0.000 χ^2/NDF : 837965.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.222+/-0.000 χ^2/NDF : 6293367031.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

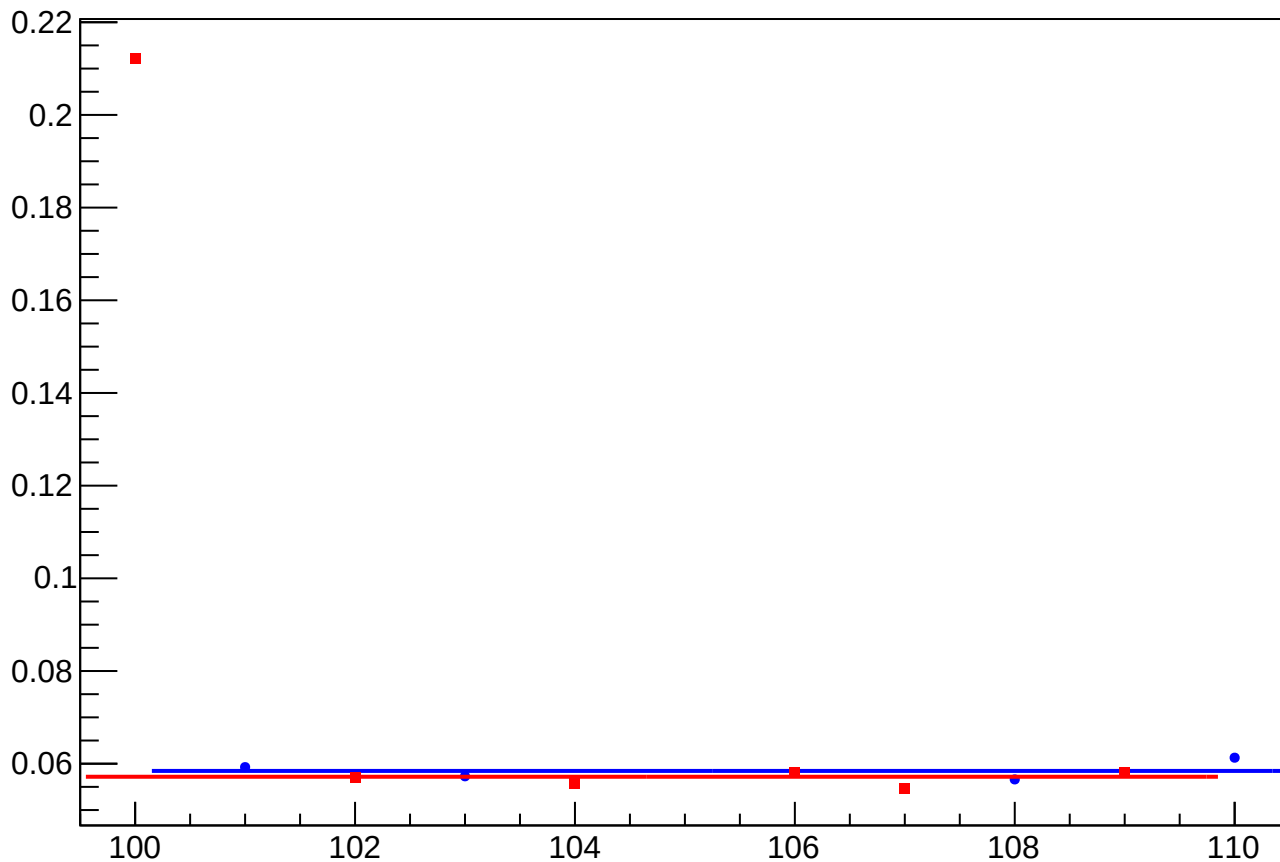
Right: -25.296+/-0.000 χ^2/NDF : 6302567858.6/9

In: -25.385+/-0.000 χ^2/NDF : 837965.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.296+/-0.000 χ^2/NDF : 6302567858.6/9

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 3083.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.000 χ^2/NDF : 79318.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

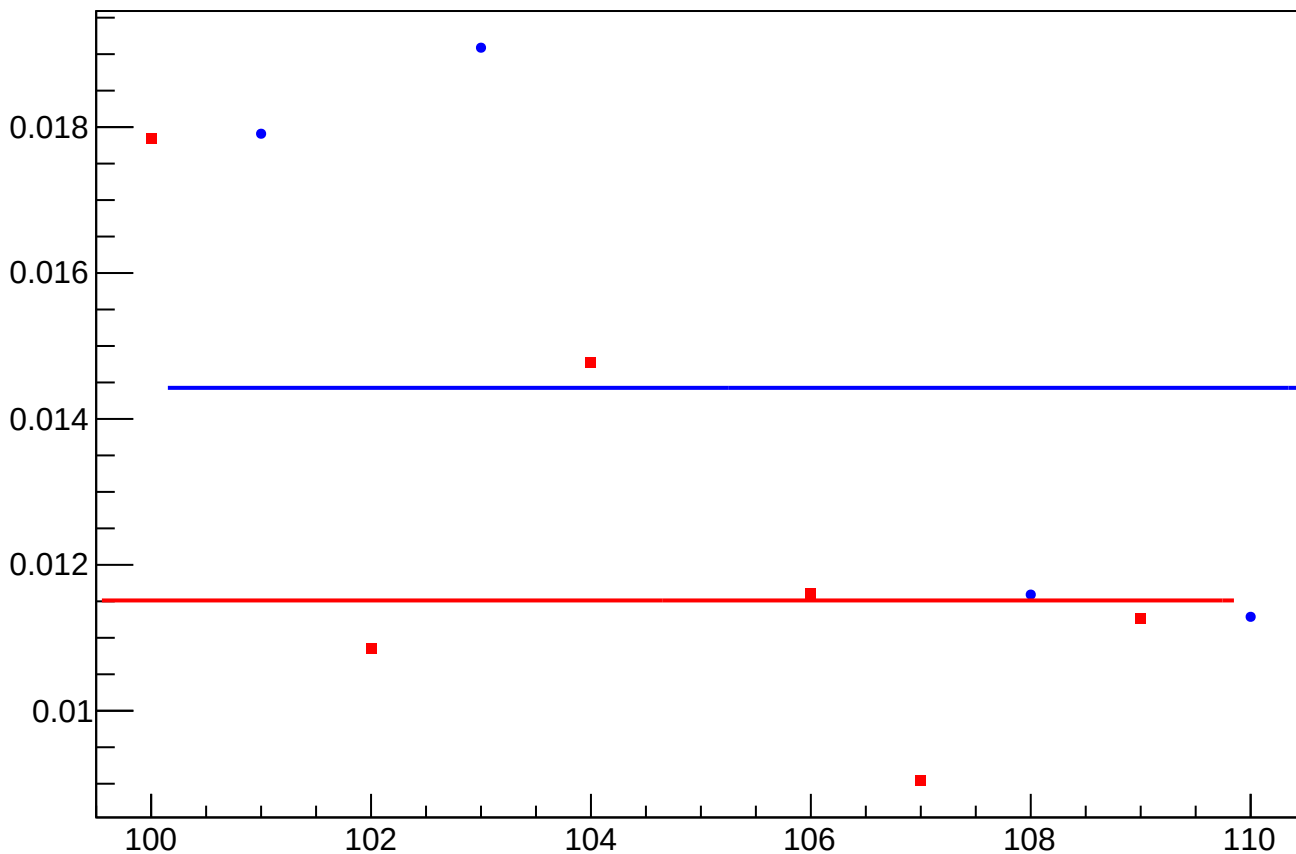
Right: 0.058+/-0.000 χ^2/NDF : 83387.6/9

In: 0.058+/-0.000 χ^2/NDF : 3083.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 83387.6/9

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.000

χ^2/NDF : 4894471890.6/3

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.013+/-0.000 χ^2/NDF : 7952386319.3/9

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000

χ^2/NDF : 1135912136.9/5

In: 0.014+/-0.000 χ^2/NDF : 4894471890.6/3

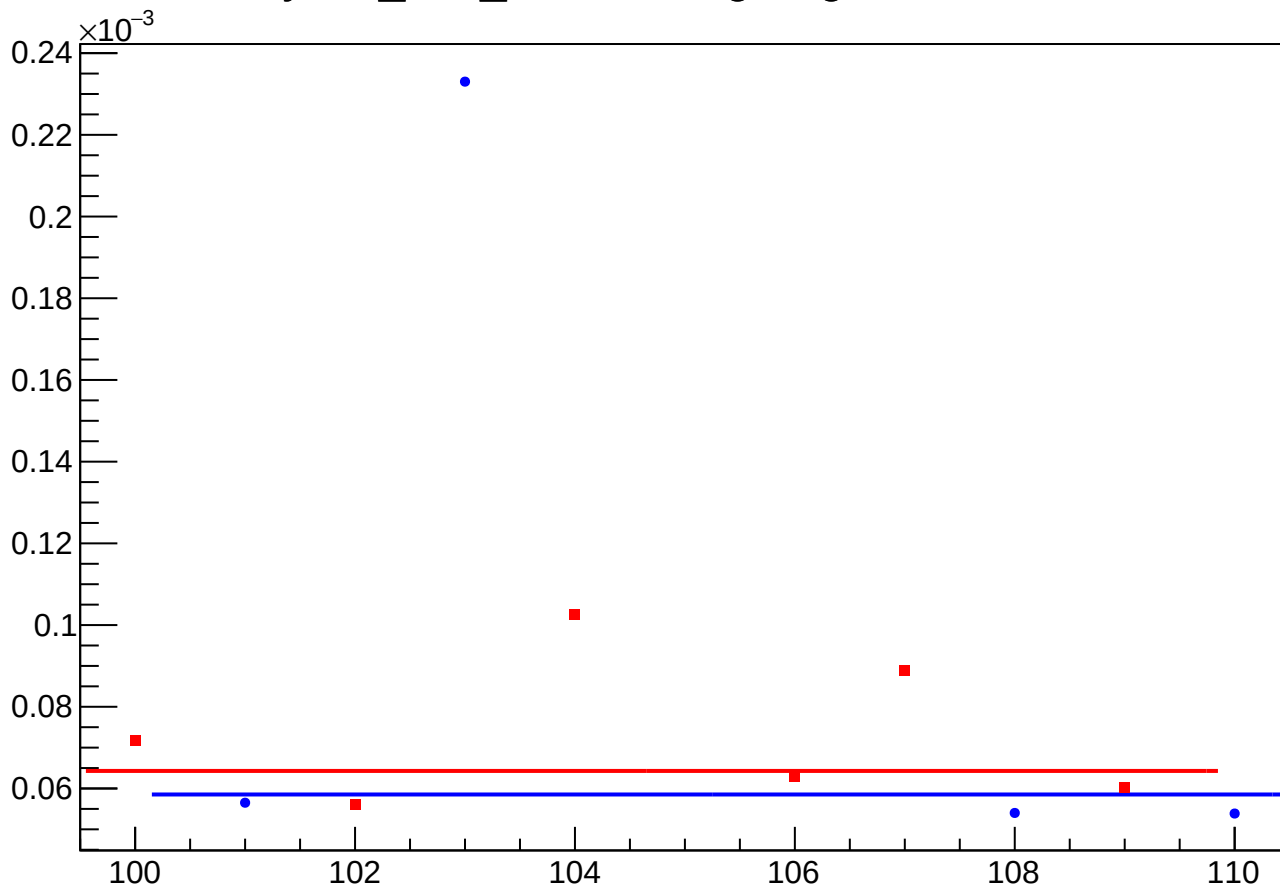
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 7952386319.3/9

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 556639.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 153517.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

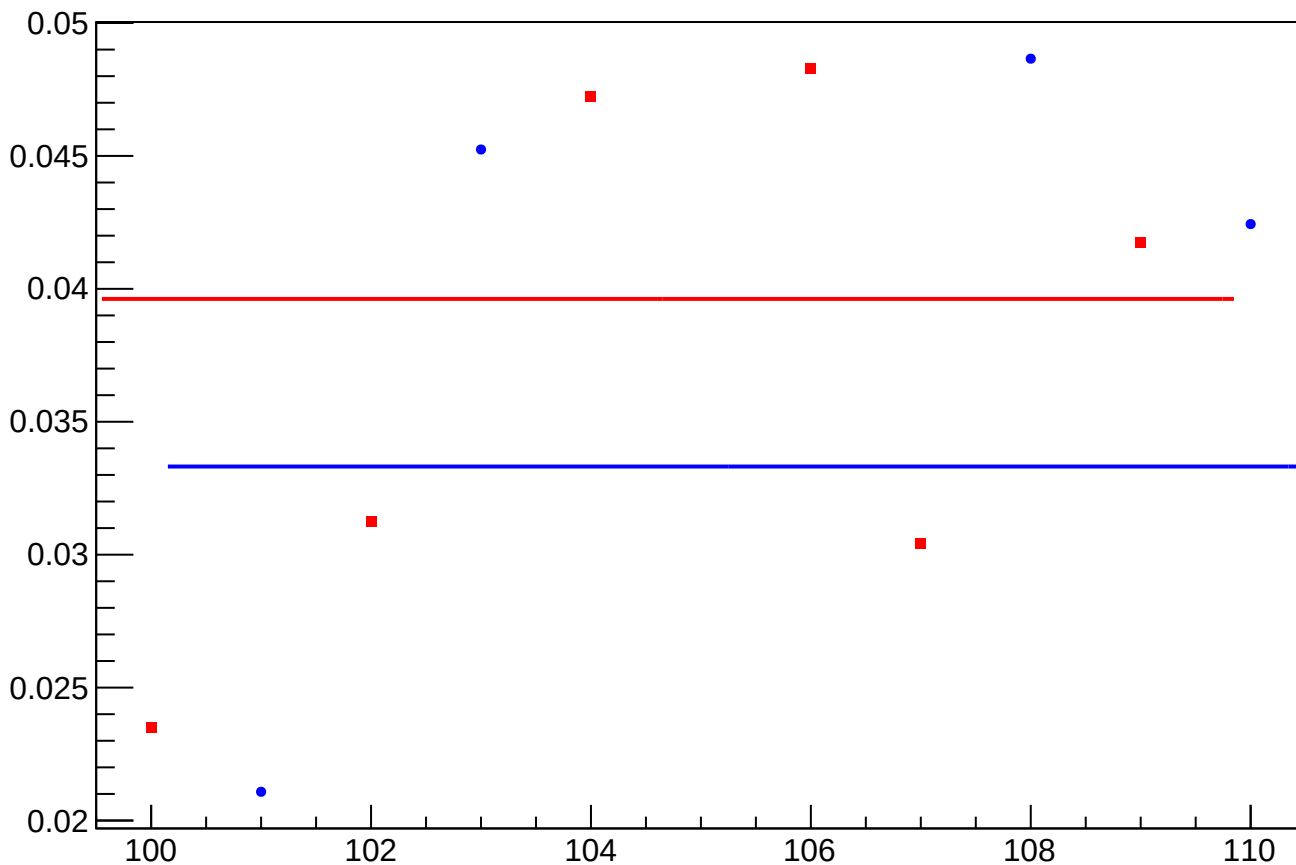
Right: 0.000+/-0.000 χ^2/NDF : 725206.3/9

In: 0.000+/-0.000 χ^2/NDF : 556639.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 725206.3/9

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 1531323566.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.040+/-0.000 χ^2/NDF : 563798373.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

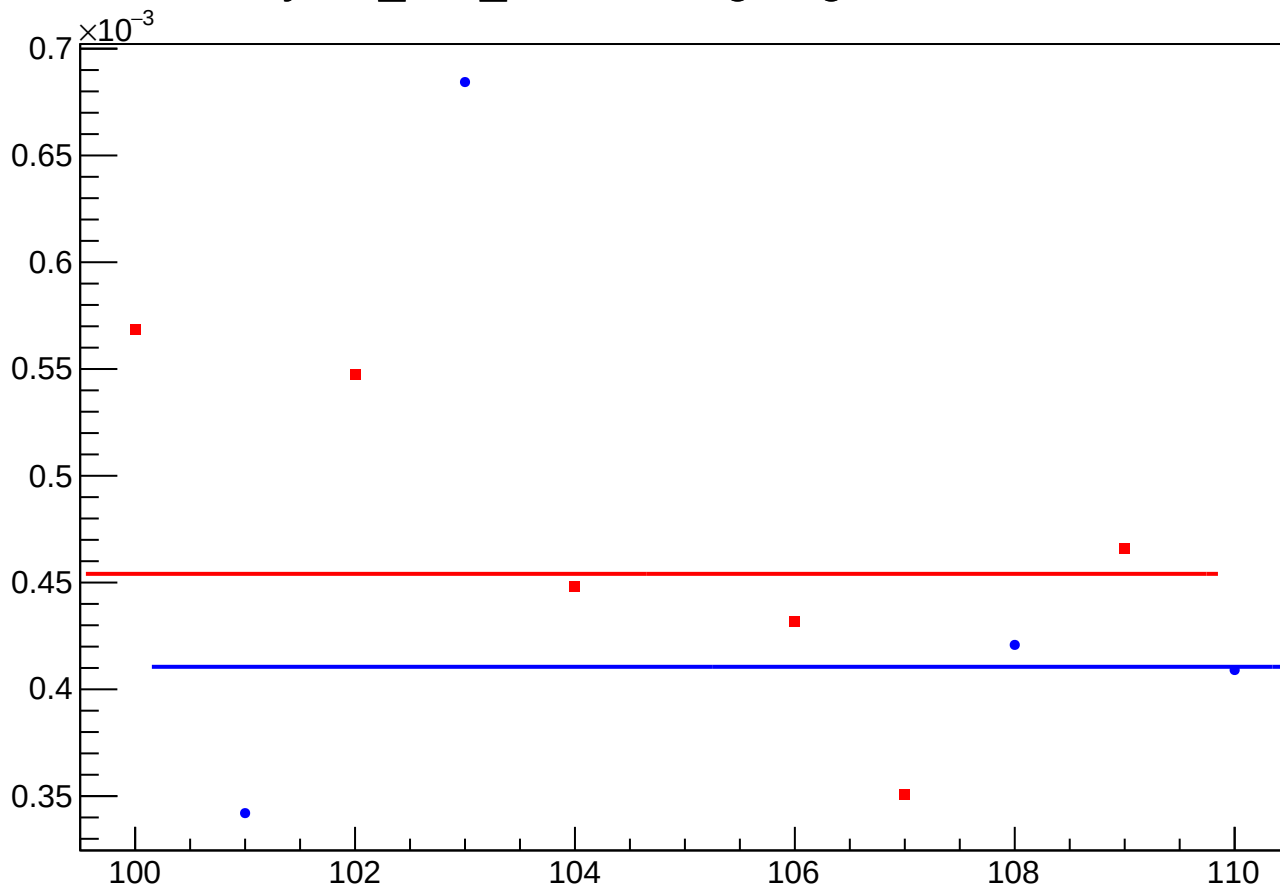
Right: 0.036+/-0.000 χ^2/NDF : 2288510094.1/9

In: 0.033+/-0.000 χ^2/NDF : 1531323566.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.000 χ^2/NDF : 2288510094.1/9

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 226559.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 73897.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

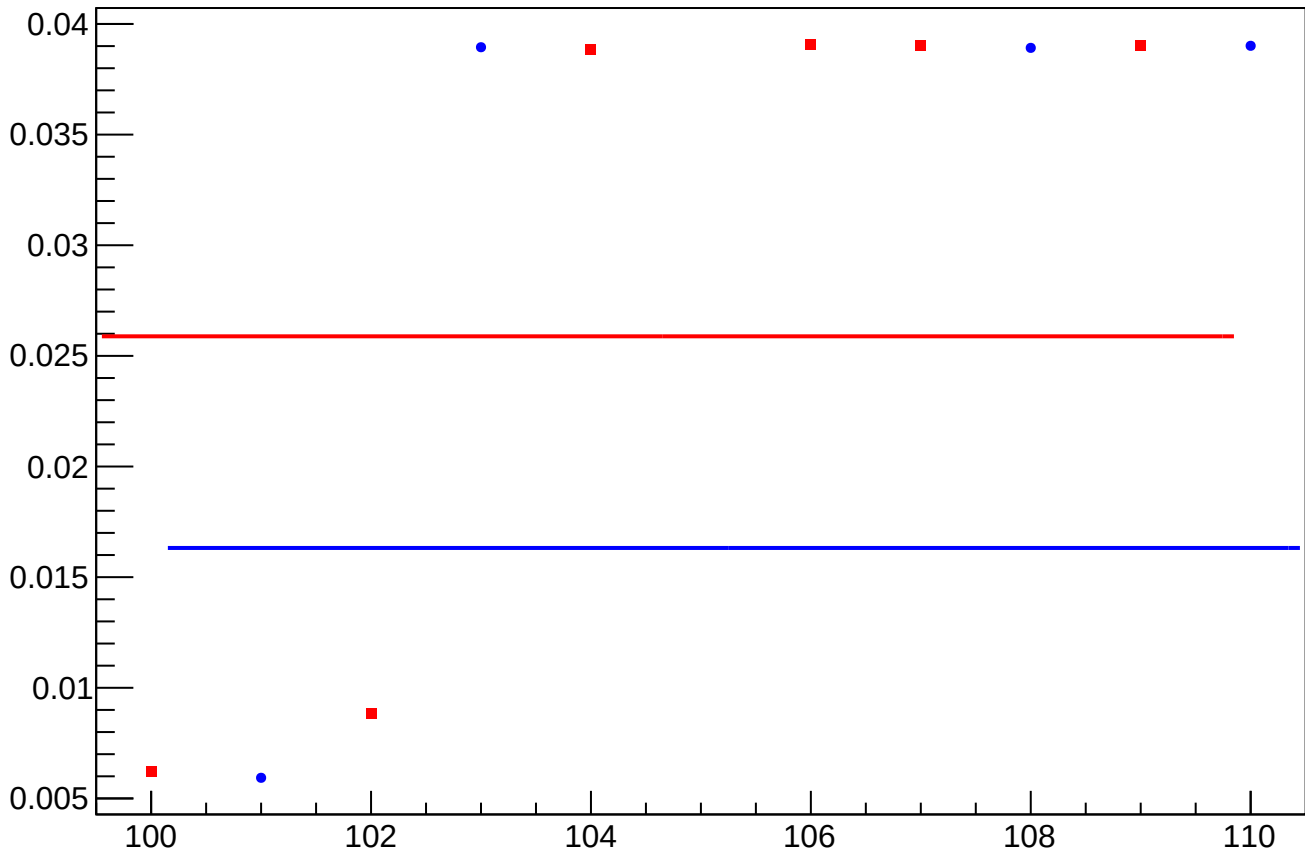
Right: 0.000+/-0.000 χ^2/NDF : 318889.7/9

In: 0.000+/-0.000 χ^2/NDF : 226559.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 318889.7/9

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 46920976246.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 31409731006.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

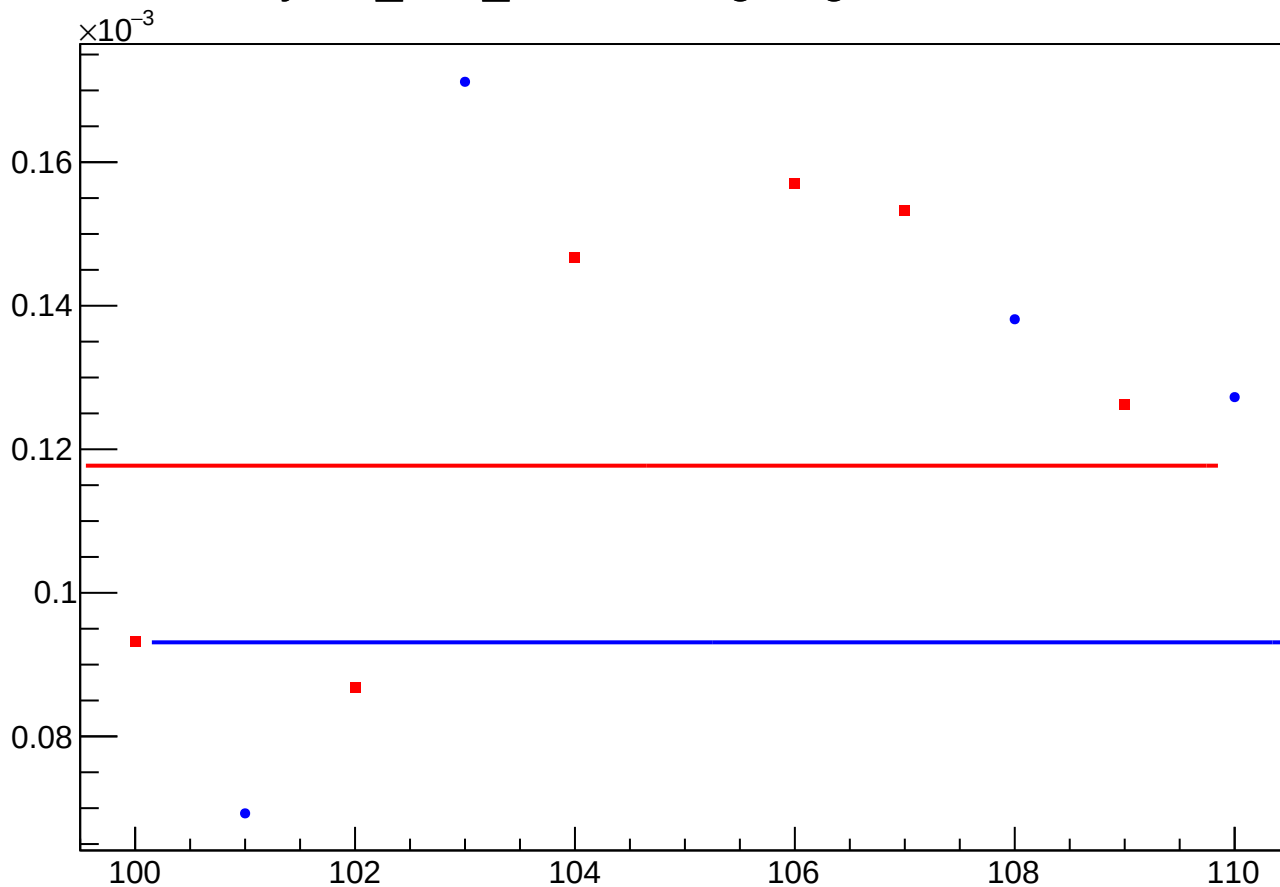
Right: 0.020+/-0.000 χ^2/NDF : 85785265839.6/9

In: 0.016+/-0.000 χ^2/NDF : 46920976246.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 85785265839.6/9

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 538191.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 212593.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

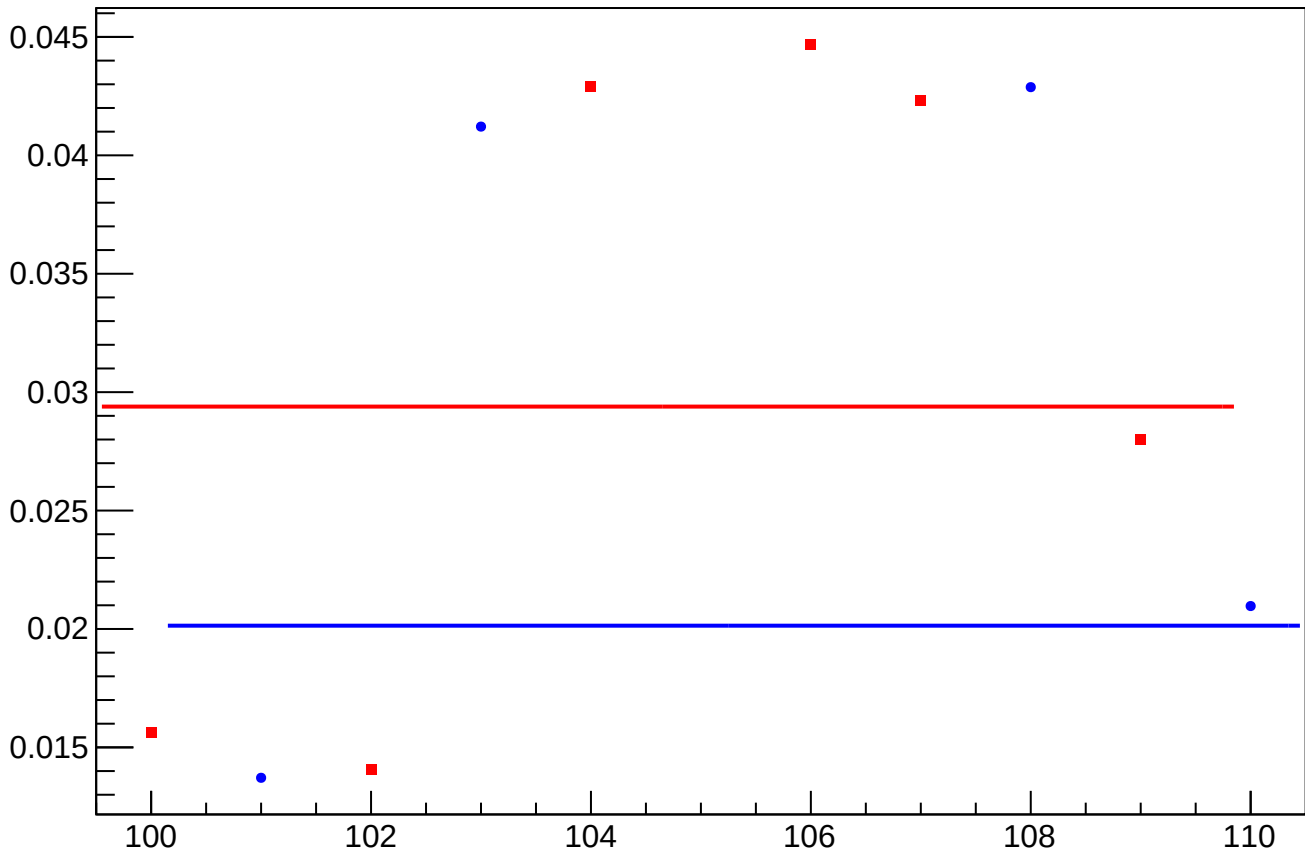
Right: 0.000+/-0.000 χ^2/NDF : 849535.6/9

In: 0.000+/-0.000 χ^2/NDF : 538191.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 849535.6/9

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 3011038916.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 2804361445.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

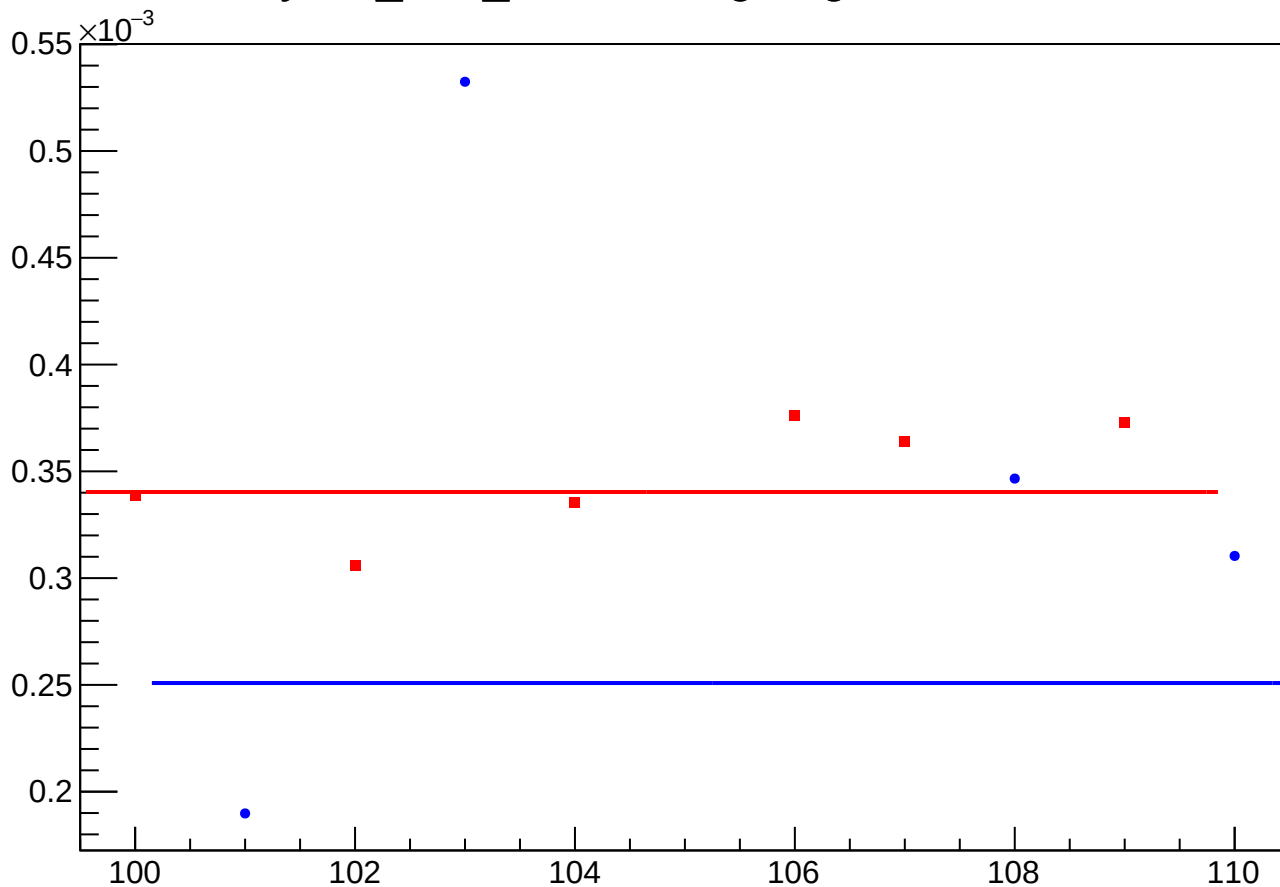
Right: 0.024+/-0.000 χ^2/NDF : 6673016902.7/9

In: 0.020+/-0.000 χ^2/NDF : 3011038916.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 6673016902.7/9

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 511215.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 27072.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

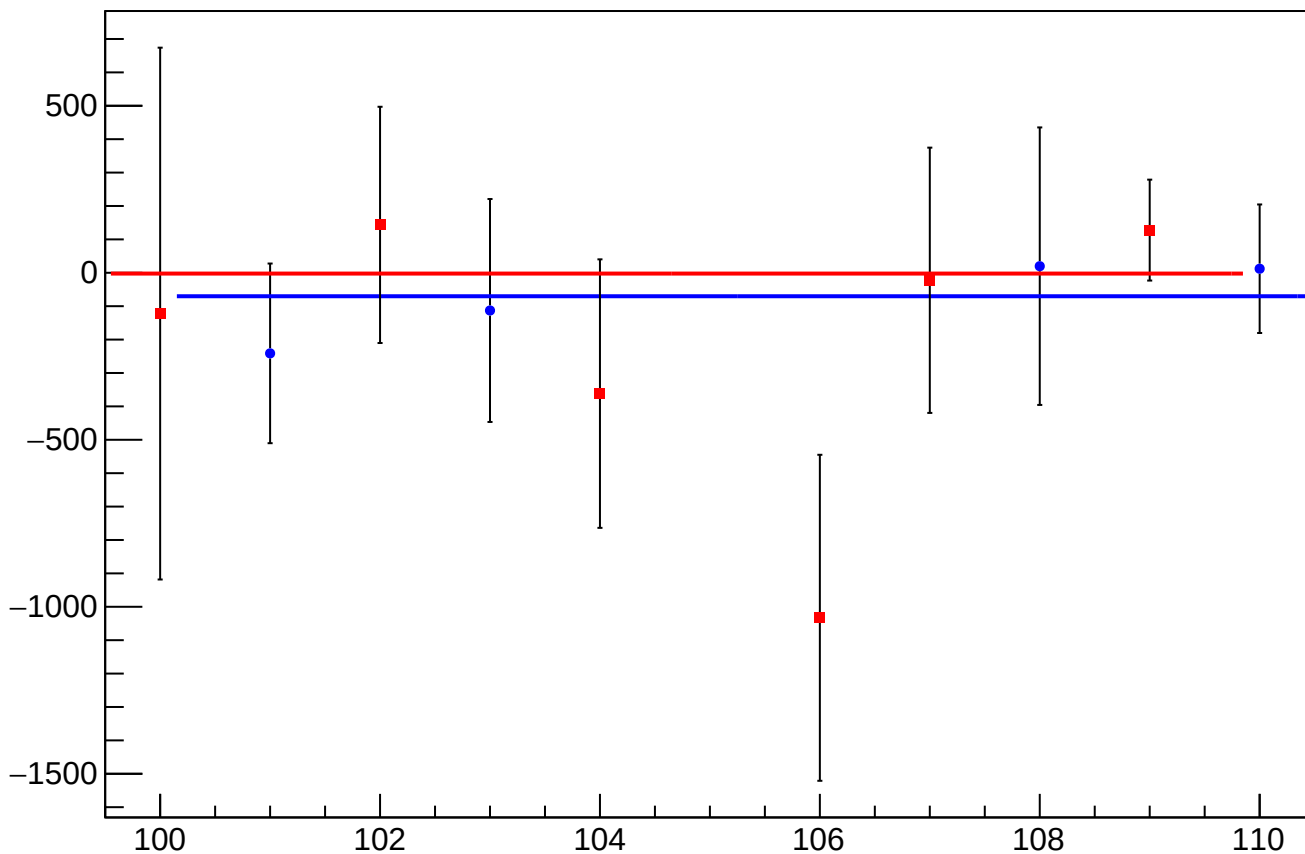
Right: 0.000+/-0.000 χ^2/NDF : 698640.4/9

In: 0.000+/-0.000 χ^2/NDF : 511215.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 698640.4/9

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -70.246+/-134.104 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.353+/-119.420 χ^2/NDF : 6.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

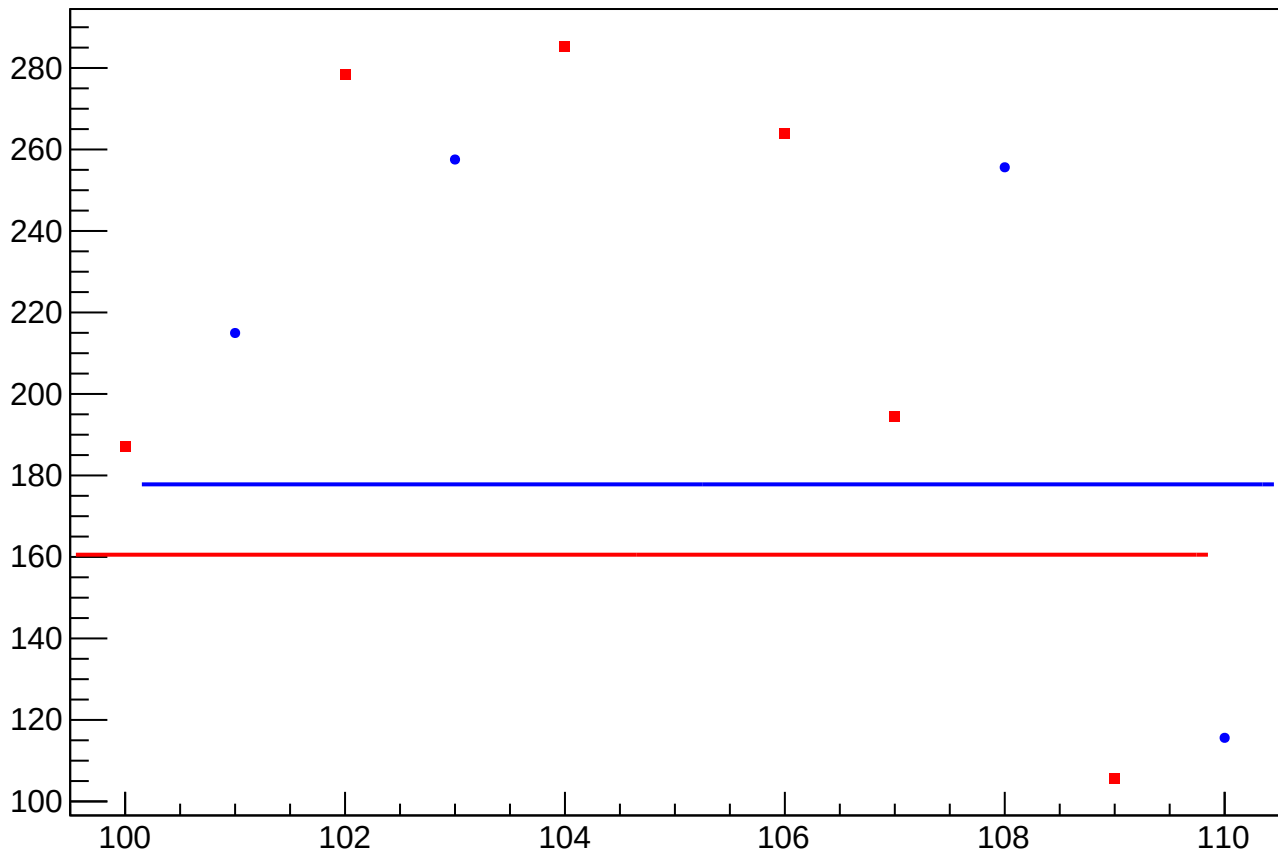
Right: -32.380+/-89.184 χ^2/NDF : 7.0/9

In: -70.246+/-134.104 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.380+/-89.184 χ^2/NDF : 7.0/9

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 177.814 $\pm$ 0.095 χ^2 /NDF: 431465.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 160.550 $\pm$ 0.084 χ^2 /NDF: 785427.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

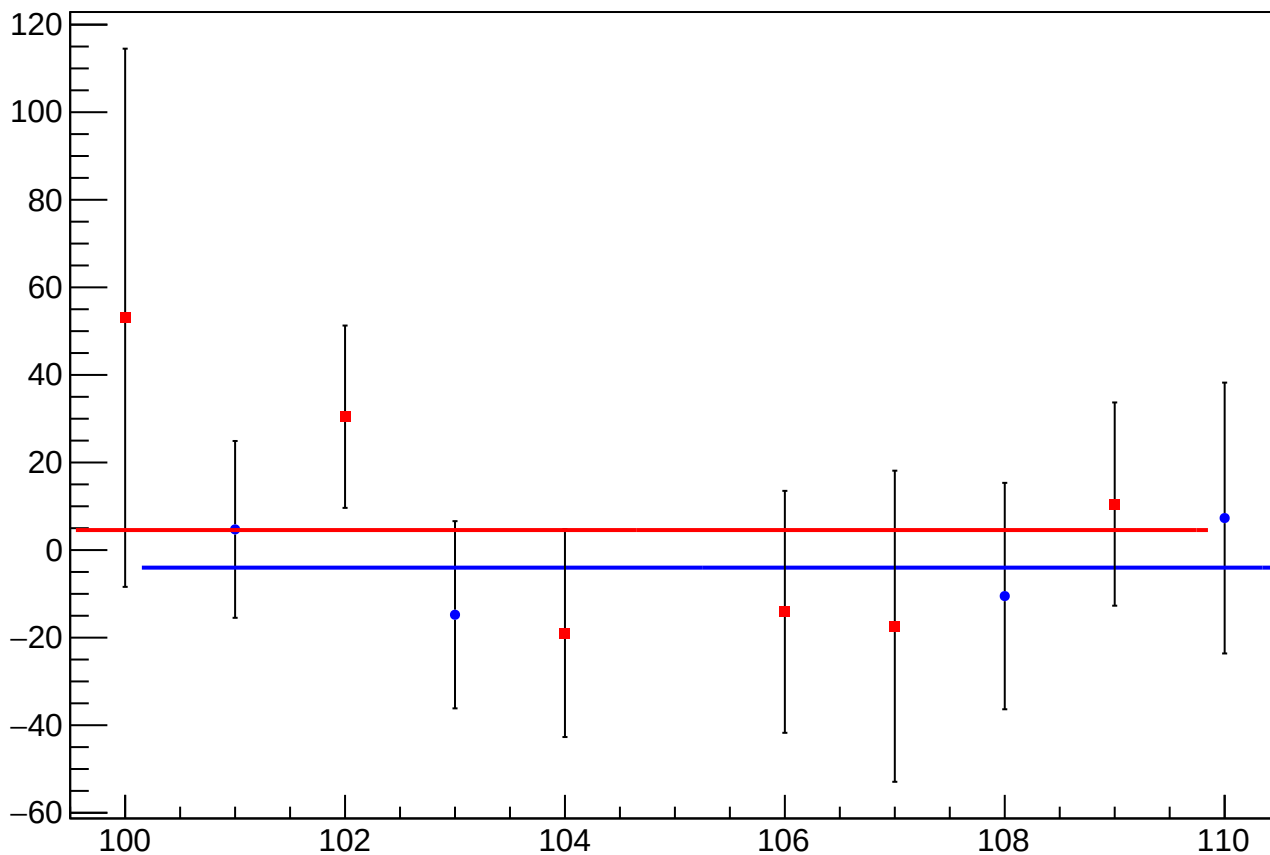
Right: 168.185 $\pm$ 0.063 χ^2 /NDF: 1235378.6/9

In: 177.814 $\pm$ 0.095 χ^2 /NDF:431465.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.185 $\pm$ 0.063 χ^2 /NDF: 1235378.6/9

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.011+/-11.800 χ^2/NDF : 0.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.570+/-10.974 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

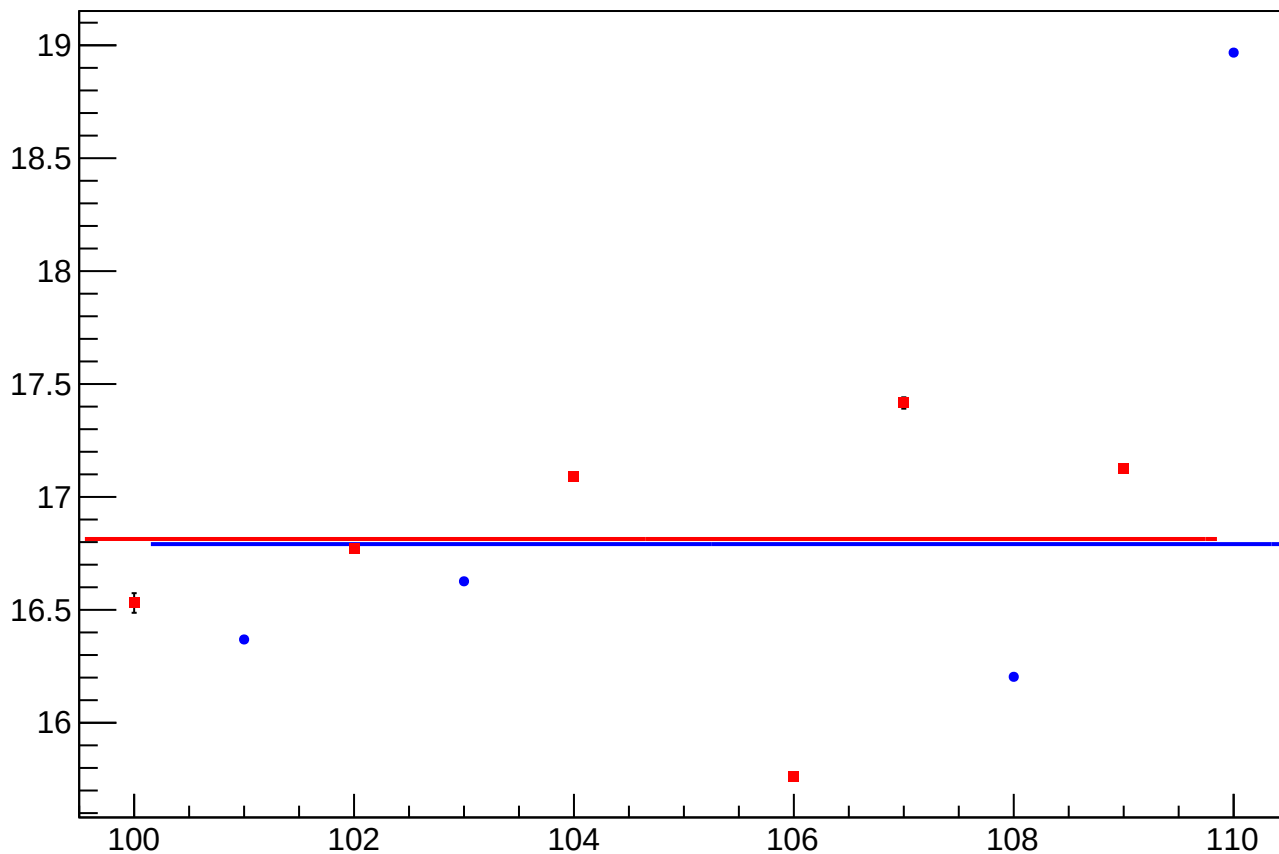
Right: 0.590+/-8.036 χ^2/NDF : 5.0/9

In: -4.011+/-11.800 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.590+/-8.036 χ^2/NDF : 5.0/9

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.791+/-0.008 χ^2/NDF : 11930.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.814+/-0.008 χ^2/NDF : 4150.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

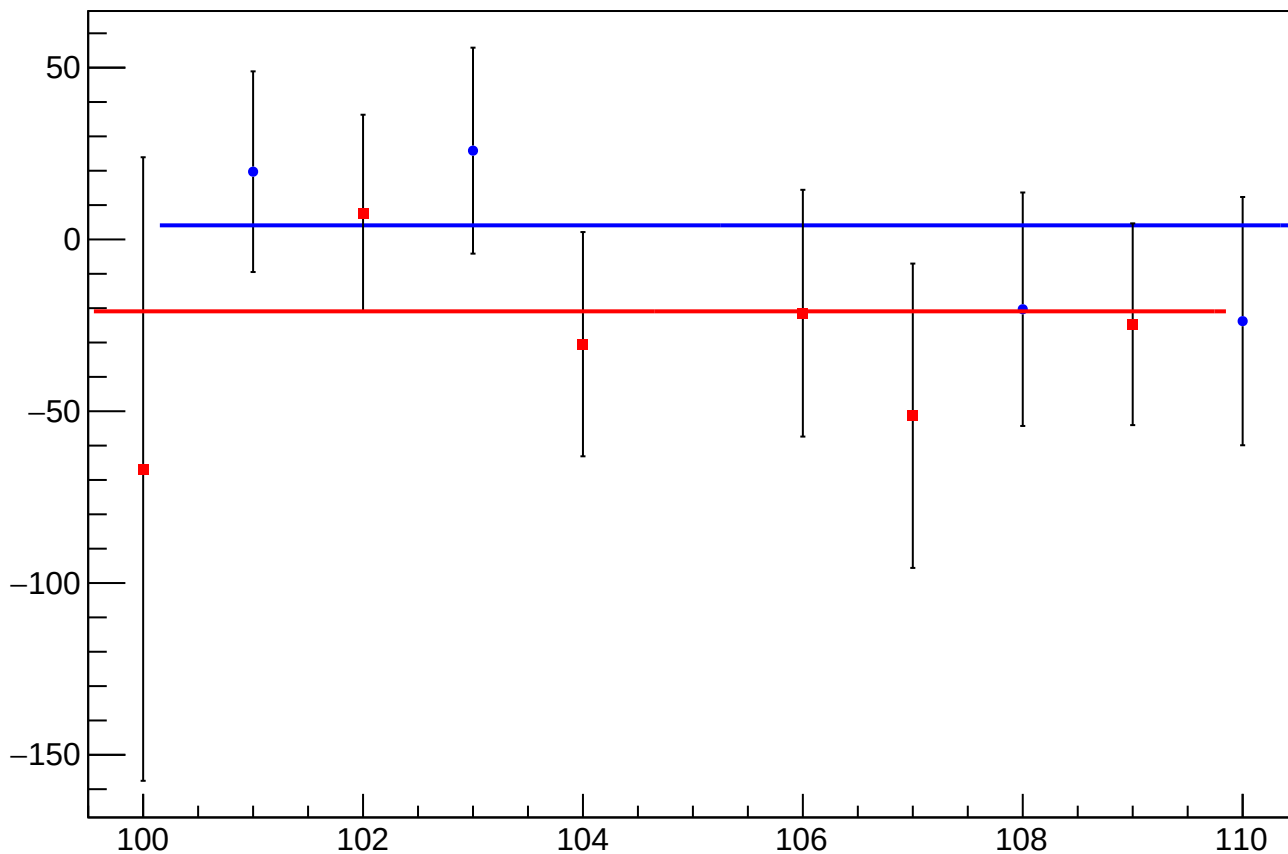
Right: 16.803+/-0.006 χ^2/NDF : 16084.5/9

In: 16.791+/-0.008 χ^2/NDF : 11930.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.803+/-0.006 χ^2/NDF : 16084.5/9

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.106 +/- 15.976 χ^2/NDF : 1.9/3

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -20.923 +/- 14.549 χ^2/NDF : 1.8/5

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

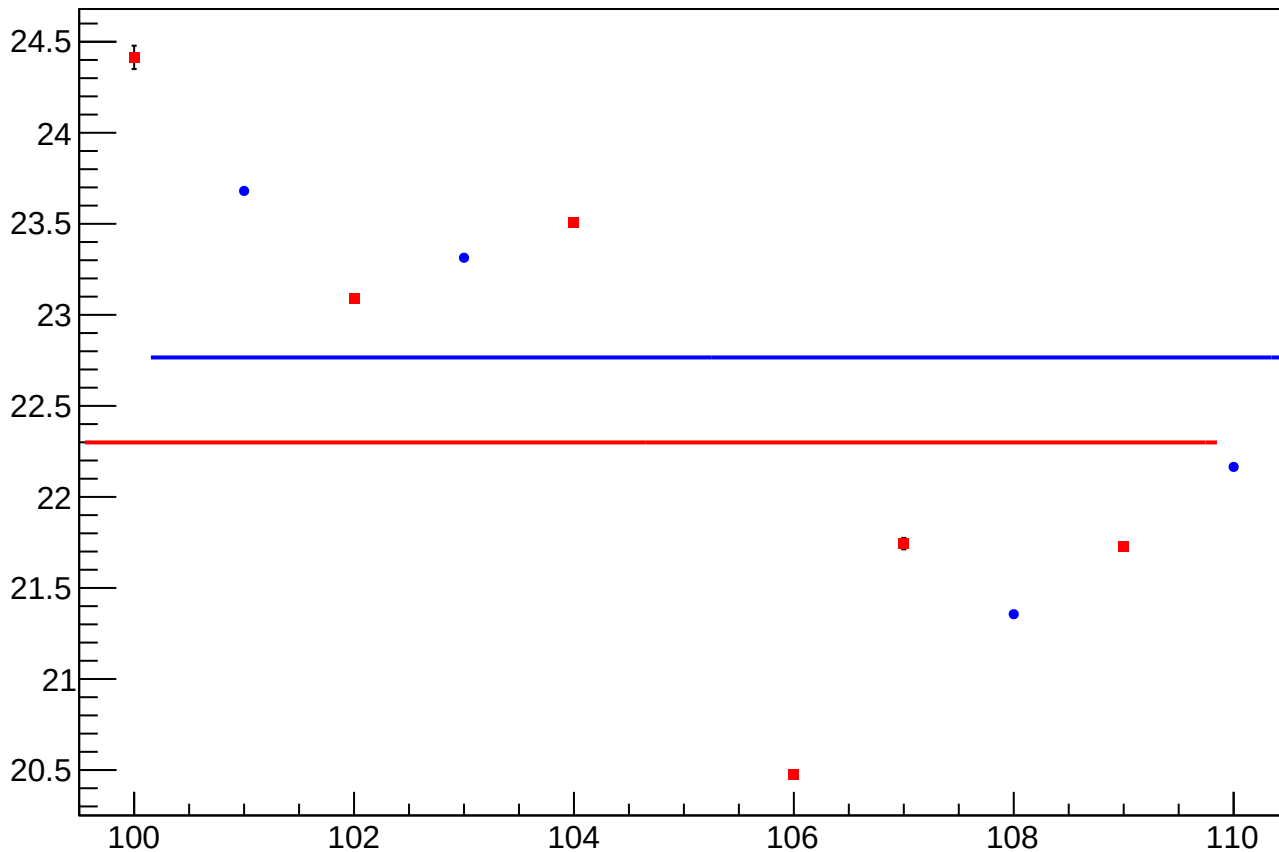
Right: -9.576 +/- 10.757 χ^2/NDF : 5.1/9

In: 4.106 +/- 15.976 χ^2/NDF : 1.9/3

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -9.576 +/- 10.757 χ^2/NDF : 5.1/9

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.766+/-0.011 χ^2/NDF : 6628.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.299+/-0.010 χ^2/NDF : 11583.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

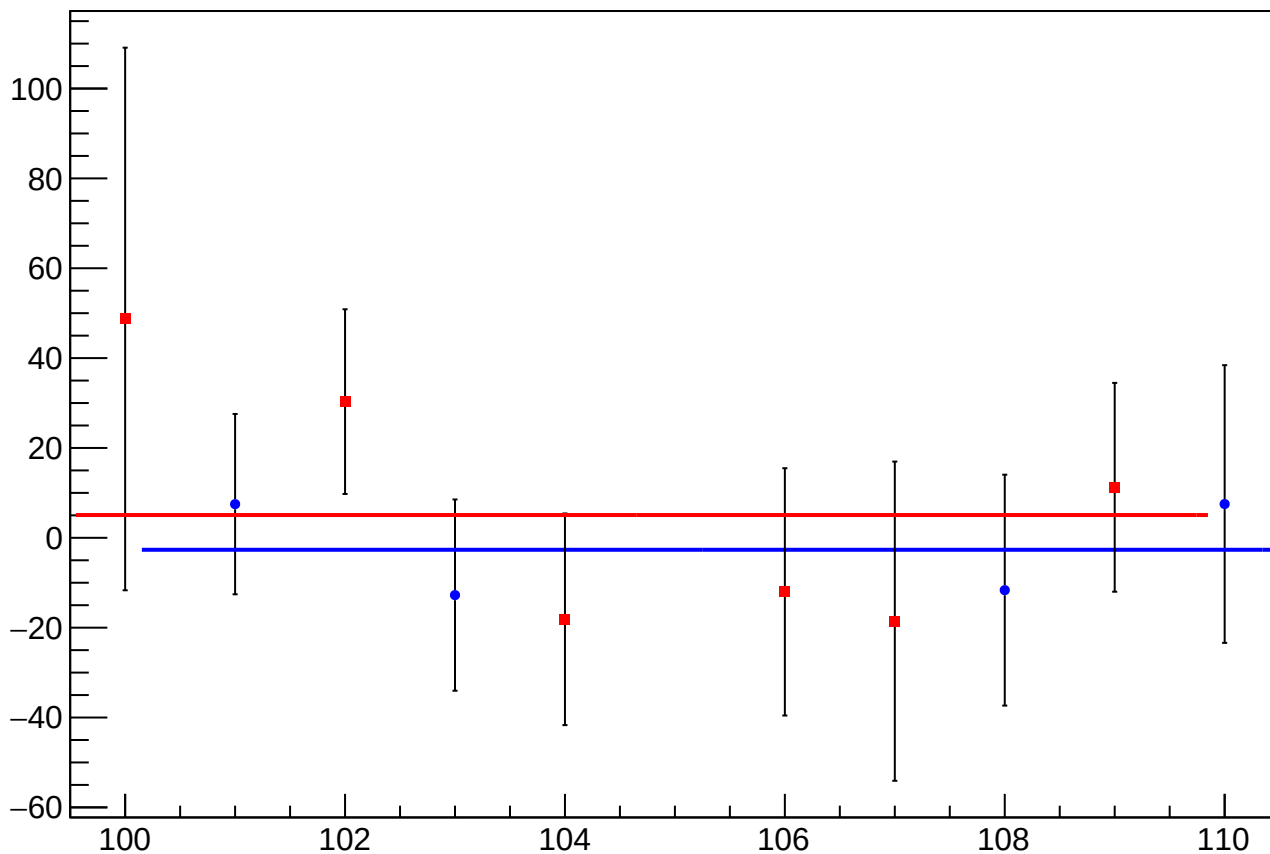
Right: 22.511+/-0.008 χ^2/NDF : 19145.8/9

In: 22.766+/-0.011 χ^2/NDF : 6628.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.511+/-0.008 χ^2/NDF : 19145.8/9

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.661+/-11.743 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.072+/-10.906 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

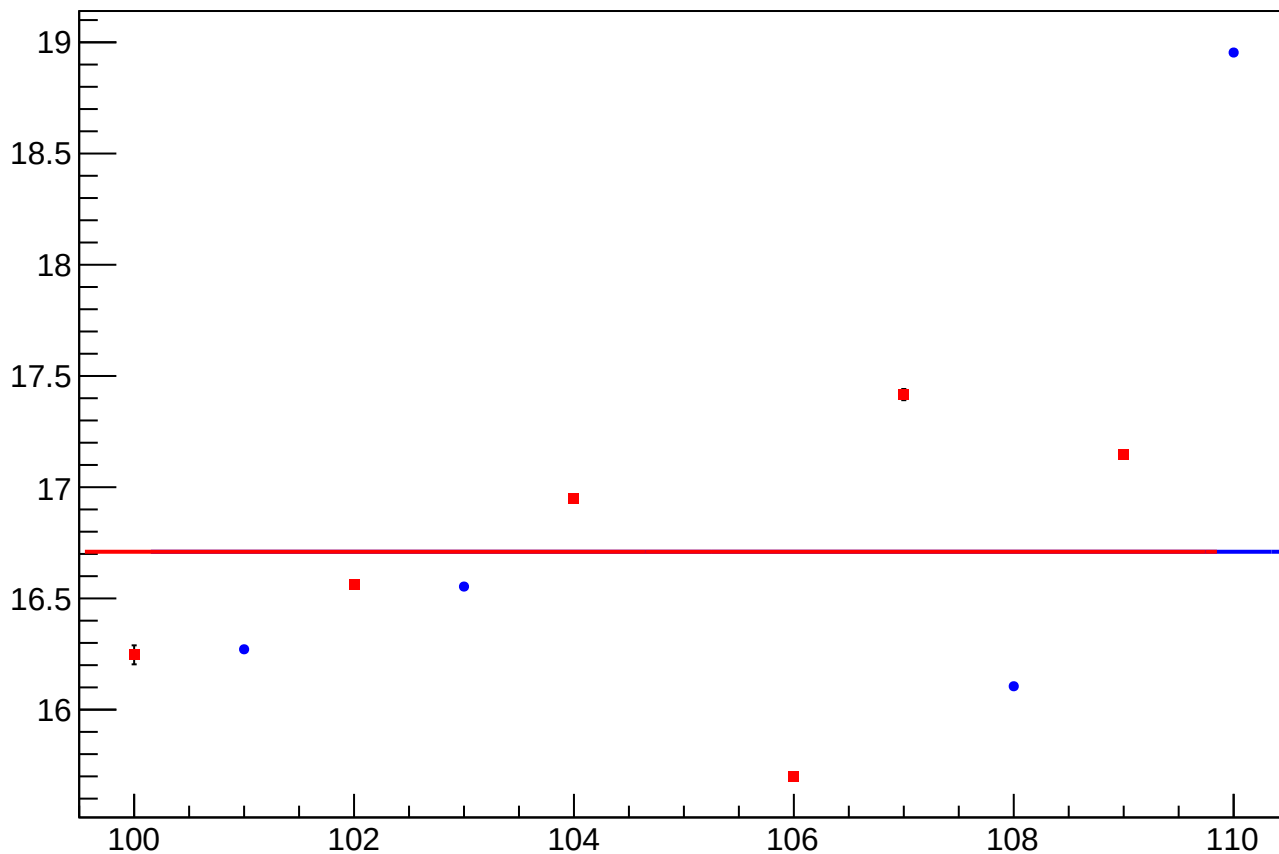
Right: 1.491+/-7.991 χ^2/NDF : 4.8/9

In: -2.661+/-11.743 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.491+/-7.991 χ^2/NDF : 4.8/9

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.710 $\pm$ 0.008 χ^2 /NDF: 12716.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.710 $\pm$ 0.008 χ^2 /NDF: 4623.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

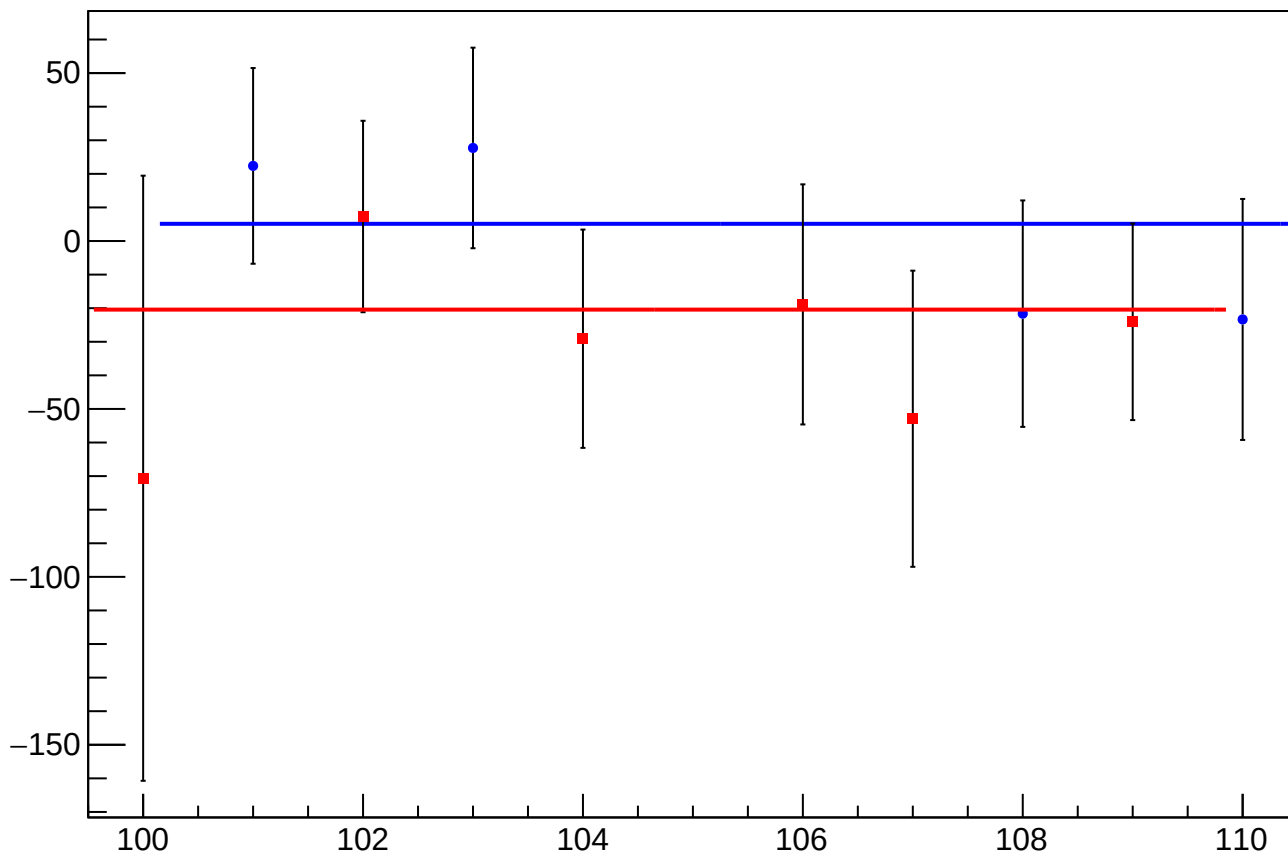
Right: 16.710 $\pm$ 0.006 χ^2 /NDF: 17339.7/9

In: 16.710 $\pm$ 0.008 χ^2 /NDF: 12716.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.710 $\pm$ 0.006 χ^2 /NDF: 17339.7/9

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.121+/-15.899 χ^2/NDF : 2.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.424+/-14.486 χ^2/NDF : 1.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

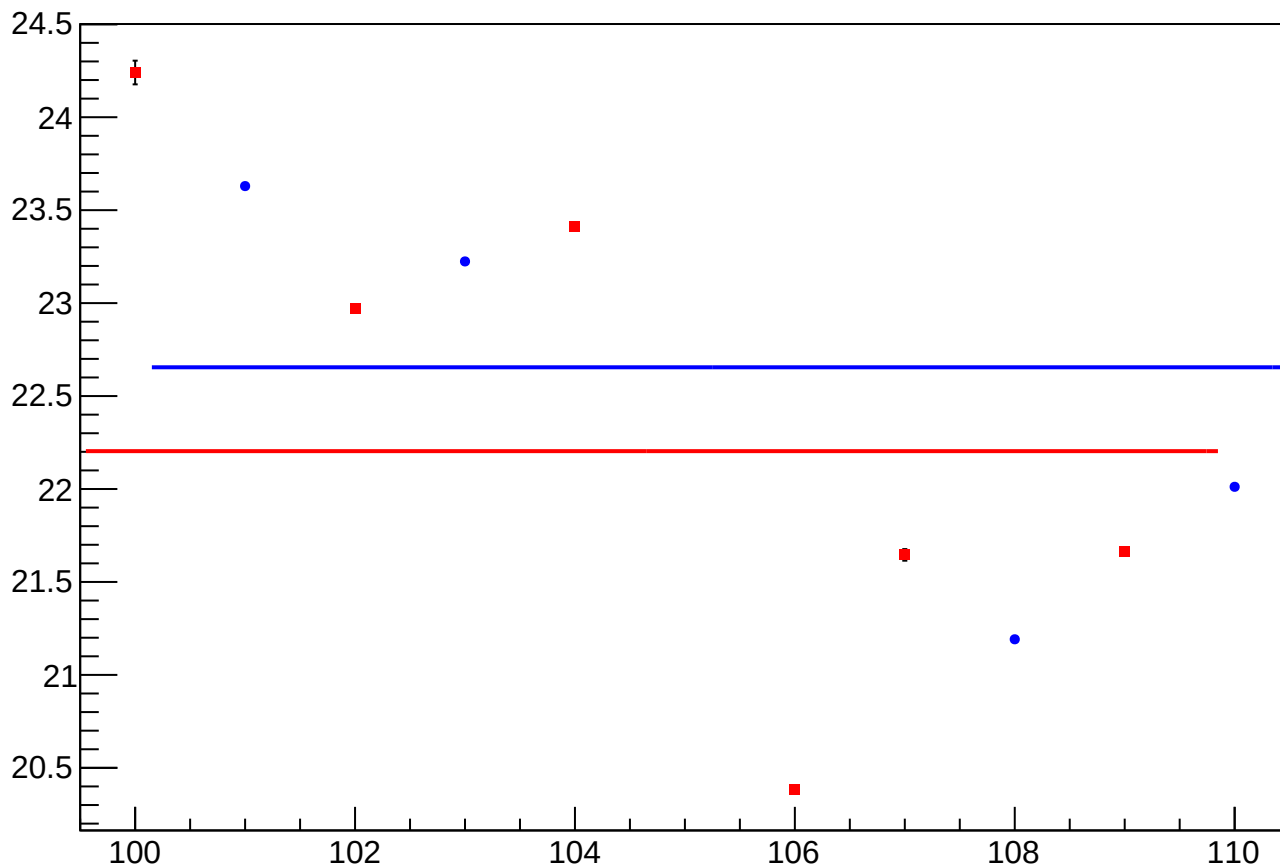
Right: -8.837+/-10.708 χ^2/NDF : 5.5/9

In: 5.121+/-15.899 χ^2/NDF : 2.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.837+/-10.708 χ^2/NDF : 5.5/9

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.655 ± 0.011 $\chi^2/\text{NDF}: 7375.0/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 22.204 ± 0.010 $\chi^2/\text{NDF}: 11423.3/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

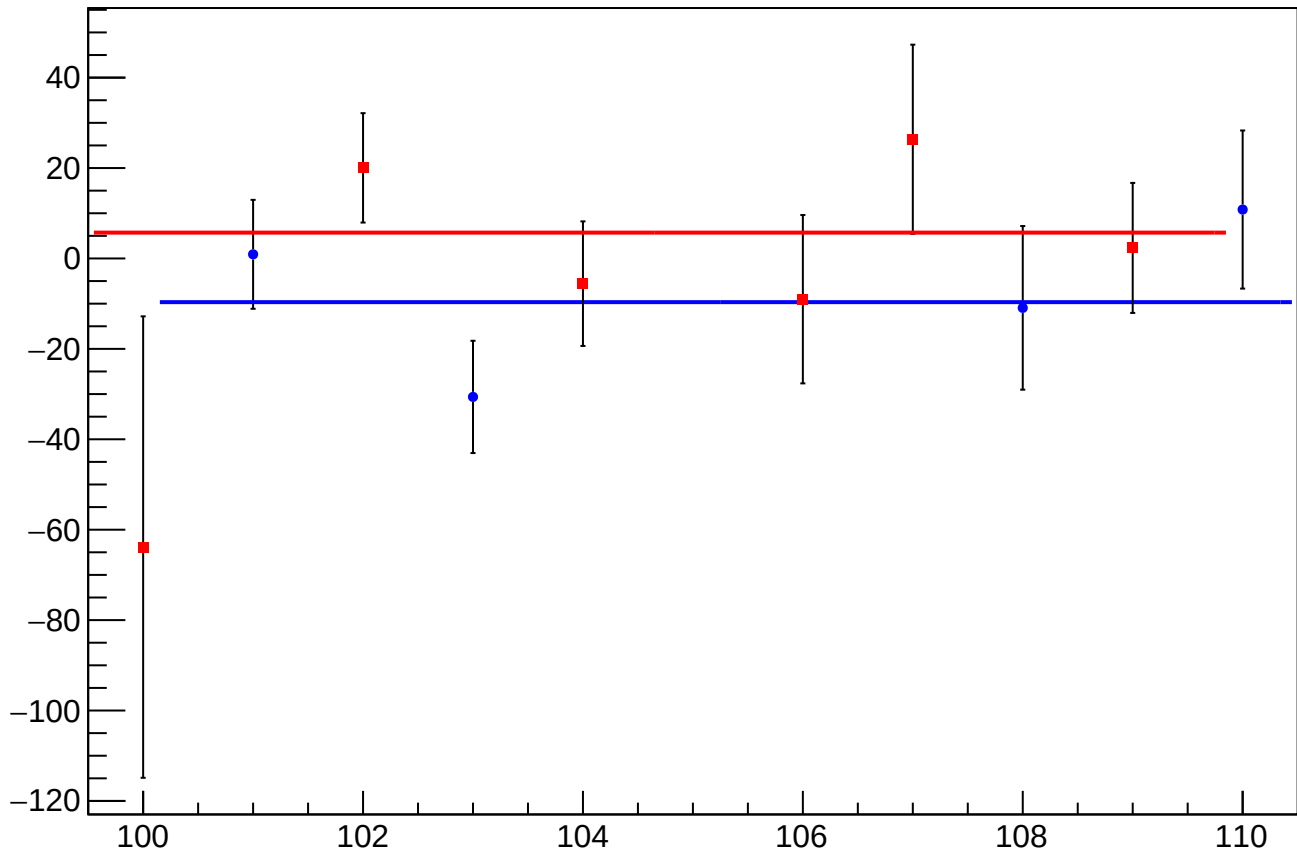
Right: 22.408 ± 0.008 $\chi^2/\text{NDF}: 19678.1/9$

In: 22.655 ± 0.011 $\chi^2/\text{NDF}: 7375.0/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 22.408 ± 0.008 $\chi^2/\text{NDF}: 19678.1/9$

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.663+/-7.125 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.718+/-6.669 χ^2/NDF : 5.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

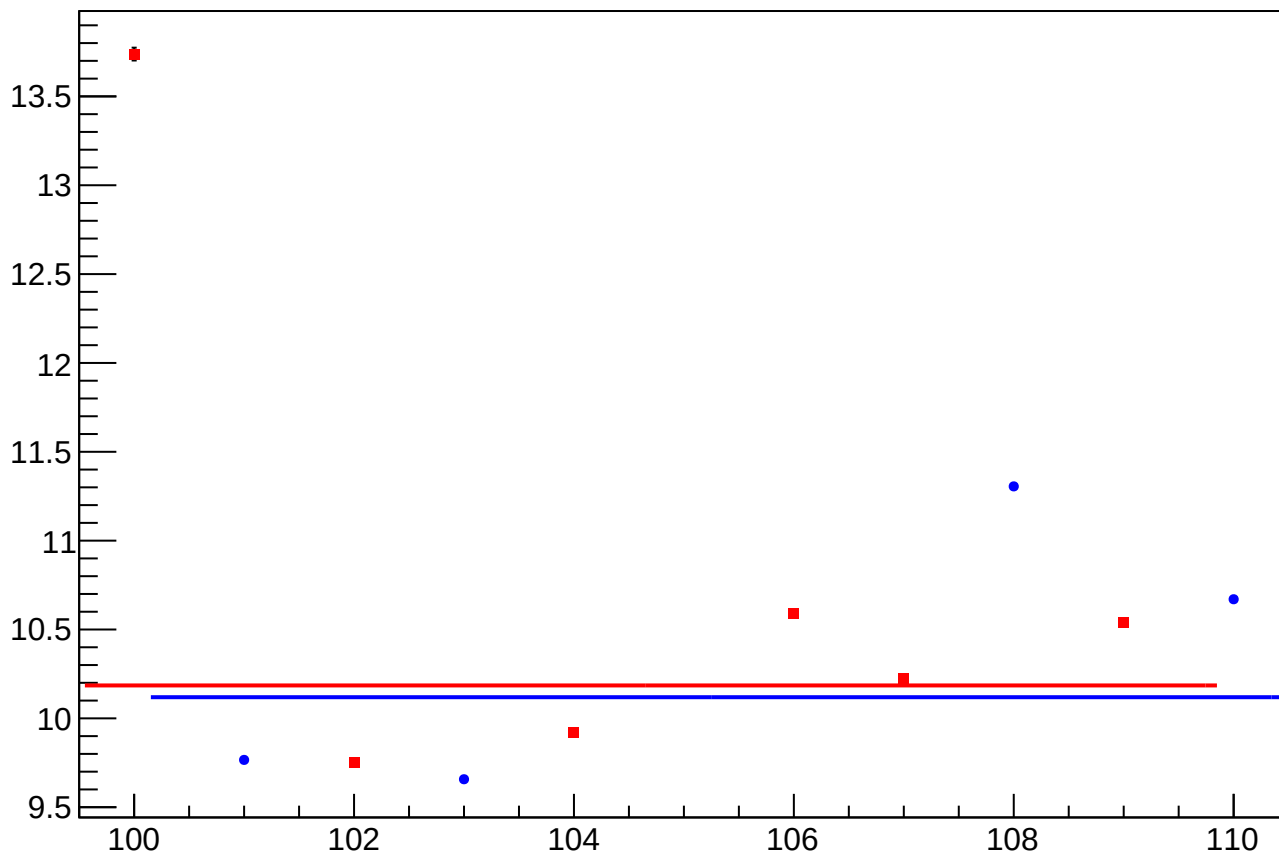
Right: -1.464+/-4.869 χ^2/NDF : 13.1/9

In: -9.663+/-7.125 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.464+/-4.869 χ^2/NDF : 13.1/9

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.119+/-0.005 χ^2/NDF : 15061.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.185+/-0.005 χ^2/NDF : 15166.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

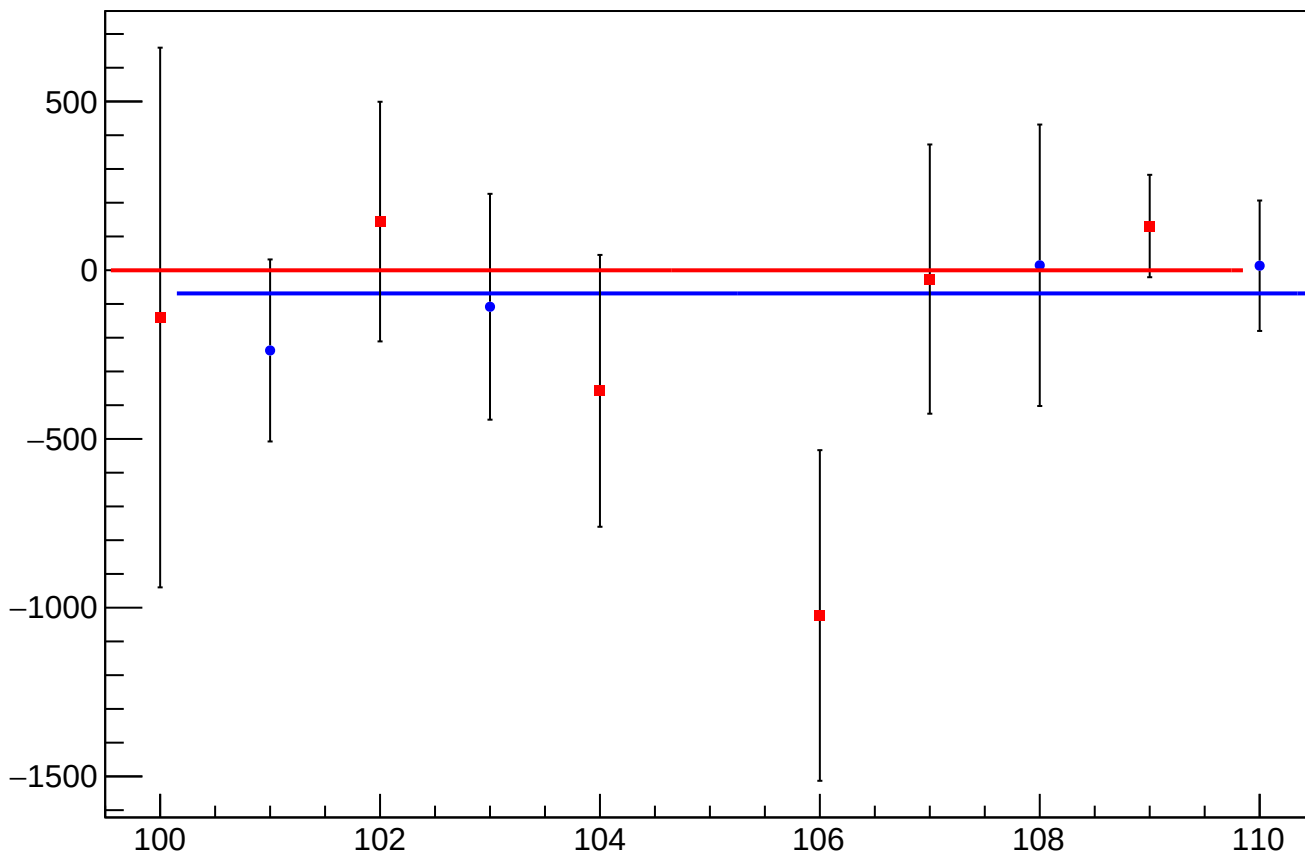
Right: 10.154+/-0.003 χ^2/NDF : 30320.2/9

In: 10.119+/-0.005 χ^2/NDF : 15061.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.154+/-0.003 χ^2/NDF : 30320.2/9

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -68.766 ± 134.584 χ^2/NDF : 0.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.273 ± 119.907 χ^2/NDF : 6.1/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

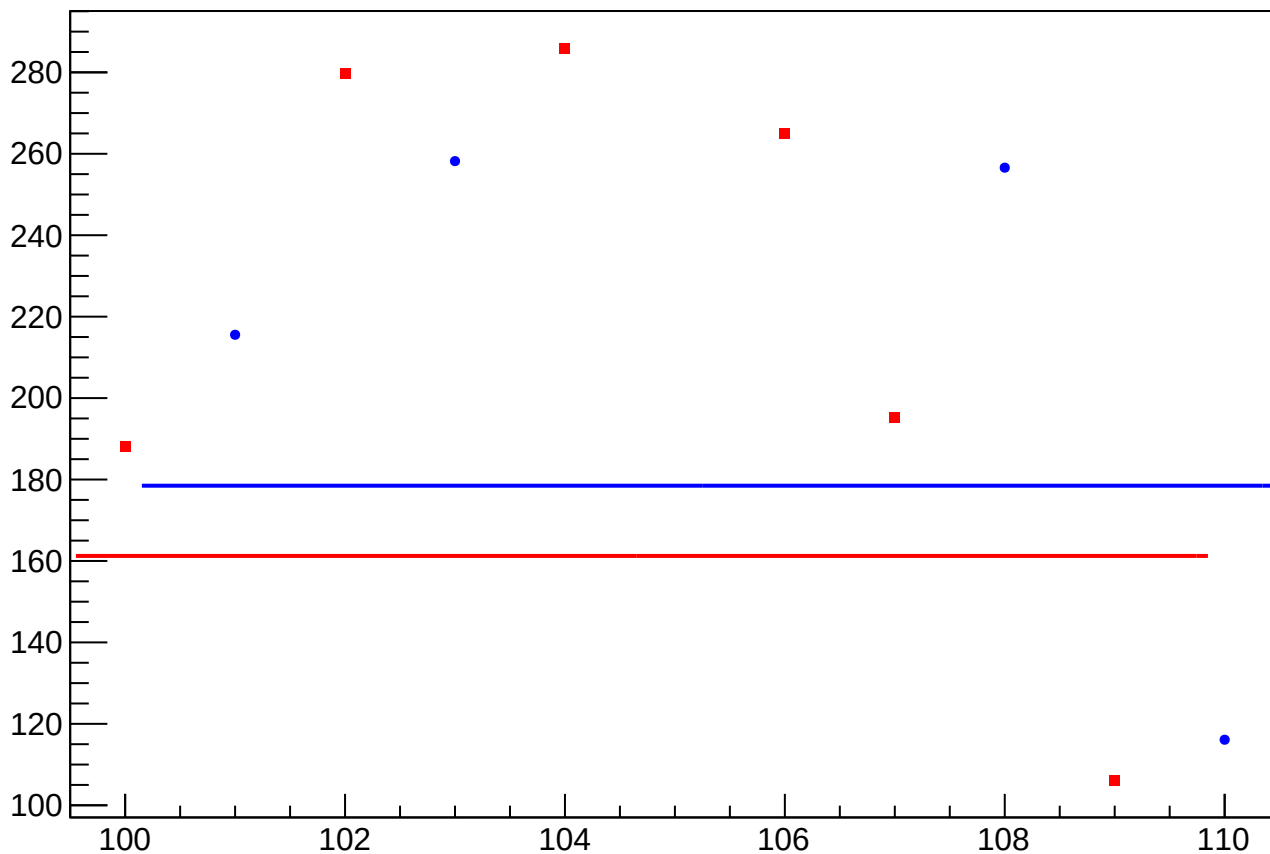
Right: -30.582 ± 89.528 χ^2/NDF : 6.9/9

In: -68.766 ± 134.584 χ^2/NDF : 0.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.582 ± 89.528 χ^2/NDF : 6.9/9

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.485+/-0.095 χ^2/NDF : 429880.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.237+/-0.085 χ^2/NDF : 783891.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

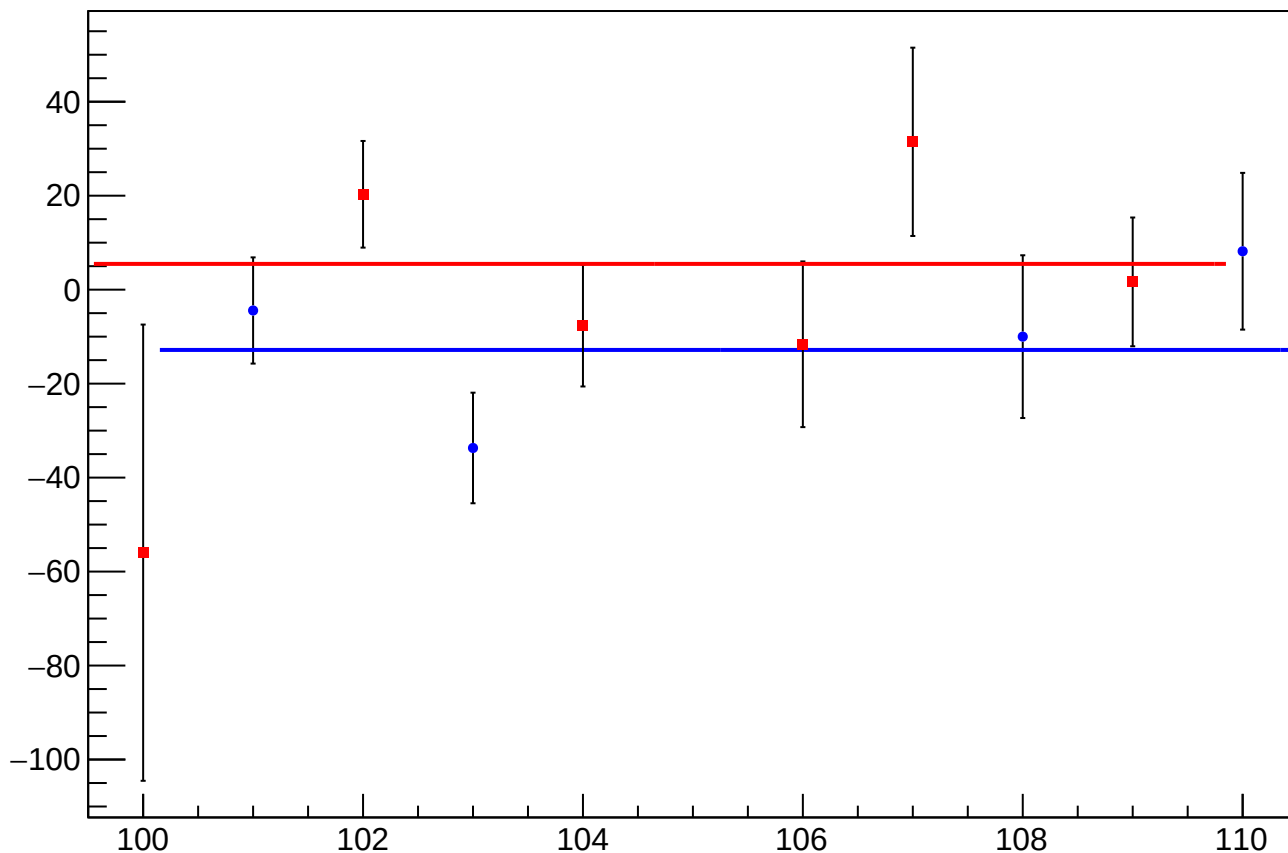
Right: 168.870+/-0.063 χ^2/NDF : 1232083.9/9

In: 178.485+/-0.095 χ^2/NDF : 429880.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.870+/-0.063 χ^2/NDF : 1232083.9/9

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -12.829 $\pm$ 6.746 χ^2 /NDF: 5.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.482 $\pm$ 6.302 χ^2 /NDF: 7.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

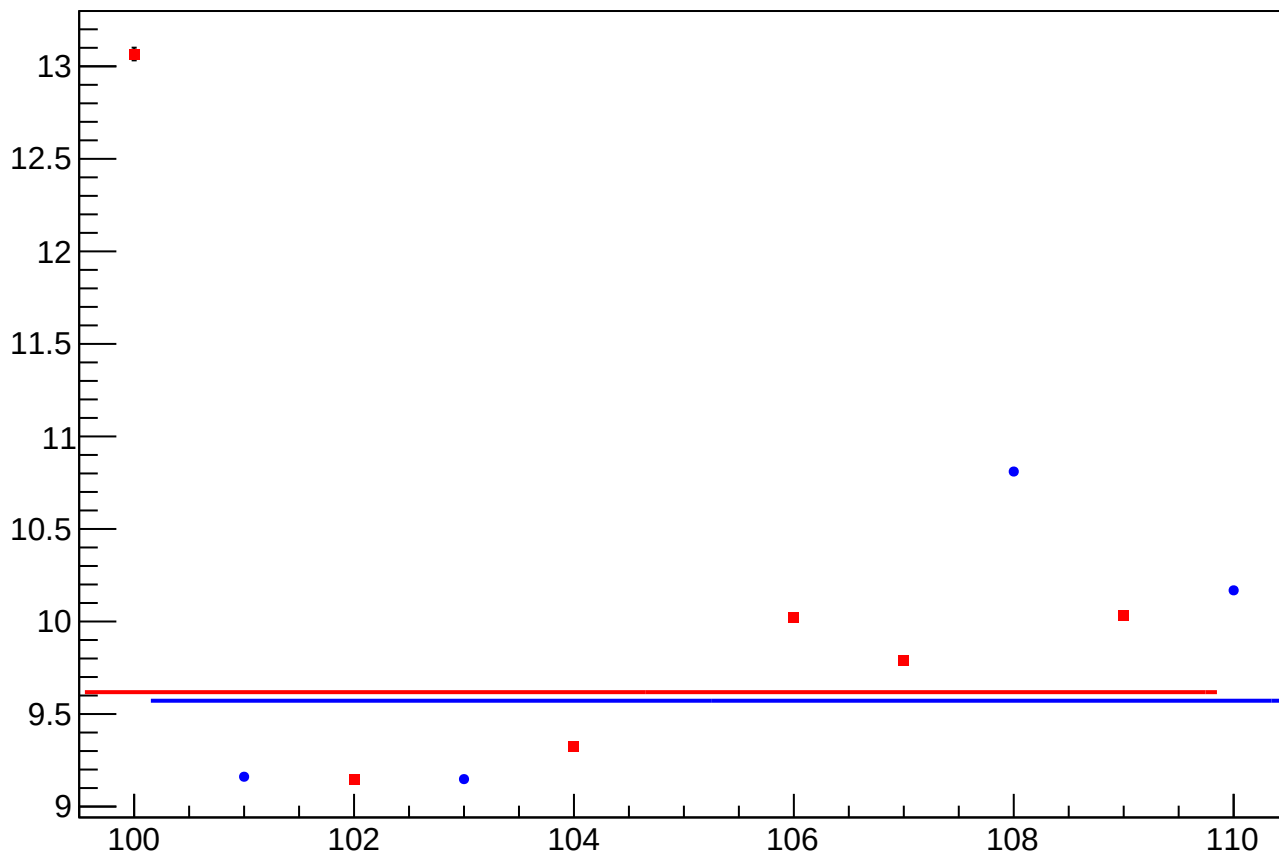
Right: -3.052 $\pm$ 4.605 χ^2 /NDF: 16.3/9

In: -12.829 $\pm$ 6.746 χ^2 /NDF: 5.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.052 $\pm$ 4.605 χ^2 /NDF: 16.3/9

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.572 $\pm$ 0.005 χ^2 /NDF: 18015.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.618 $\pm$ 0.004 χ^2 /NDF: 17561.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

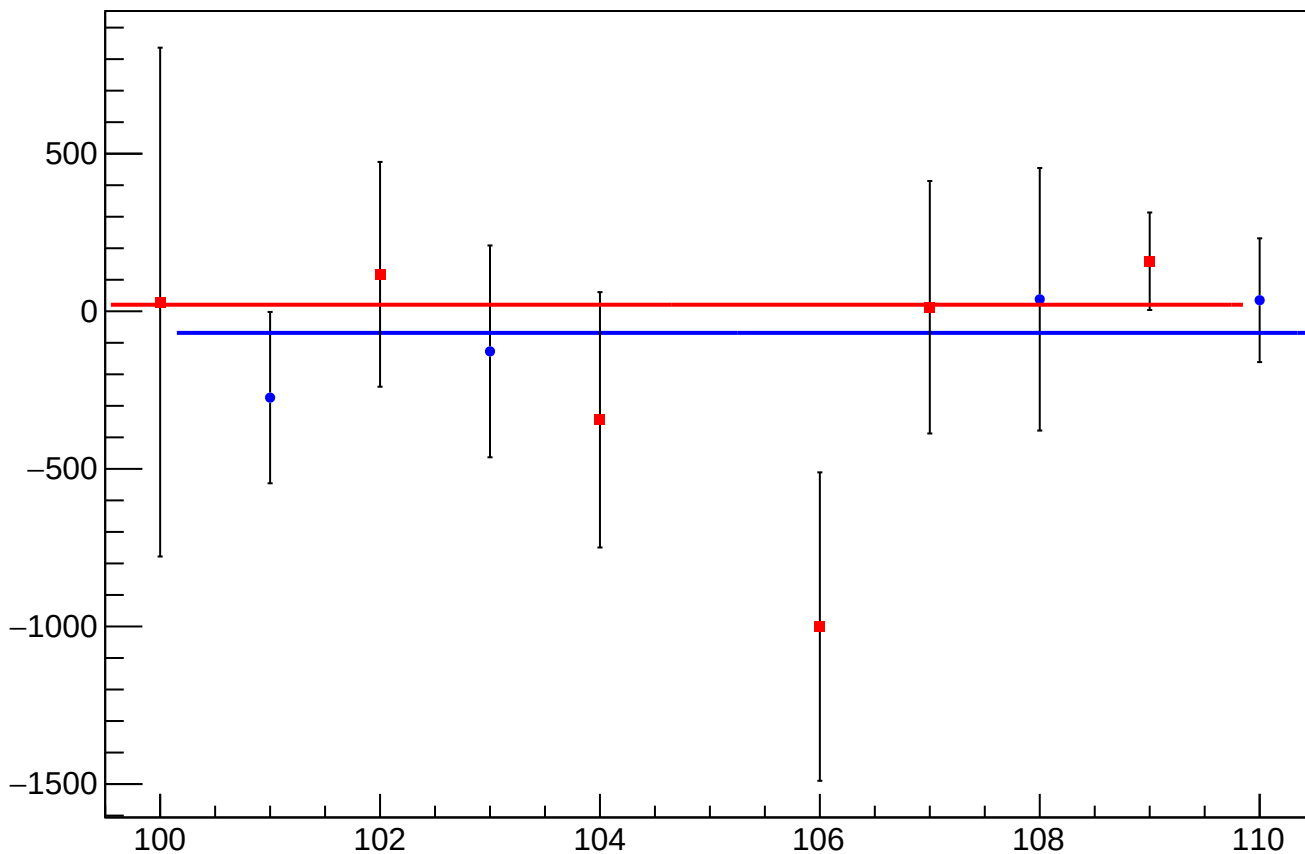
Right: 9.597 $\pm$ 0.003 χ^2 /NDF: 35627.9/9

In: 9.572 $\pm$ 0.005 χ^2 /NDF:18015.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.597 $\pm$ 0.003 χ^2 /NDF: 35627.9/9

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -68.480 $\pm$ 135.972 χ^2 /NDF: 0.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.774 $\pm$ 121.537 χ^2 /NDF: 6.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

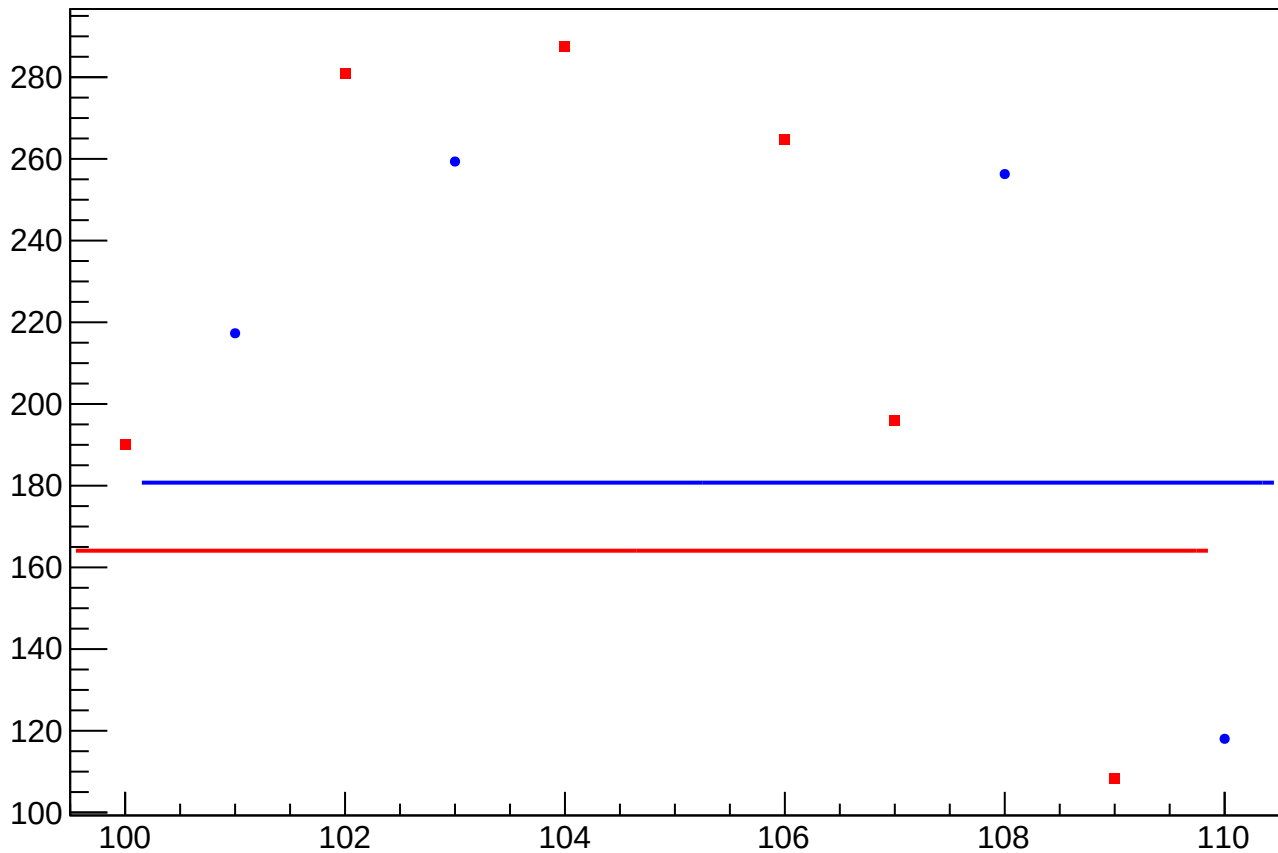
Right: -18.866 $\pm$ 90.615 χ^2 /NDF: 7.2/9

In: -68.480 $\pm$ 135.972 χ^2 /NDF: 0.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.866 $\pm$ 90.615 χ^2 /NDF: 7.2/9

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 180.745 $\pm$ 0.096 χ^2 /NDF: 415366.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 164.086 $\pm$ 0.086 χ^2 /NDF: 758977.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

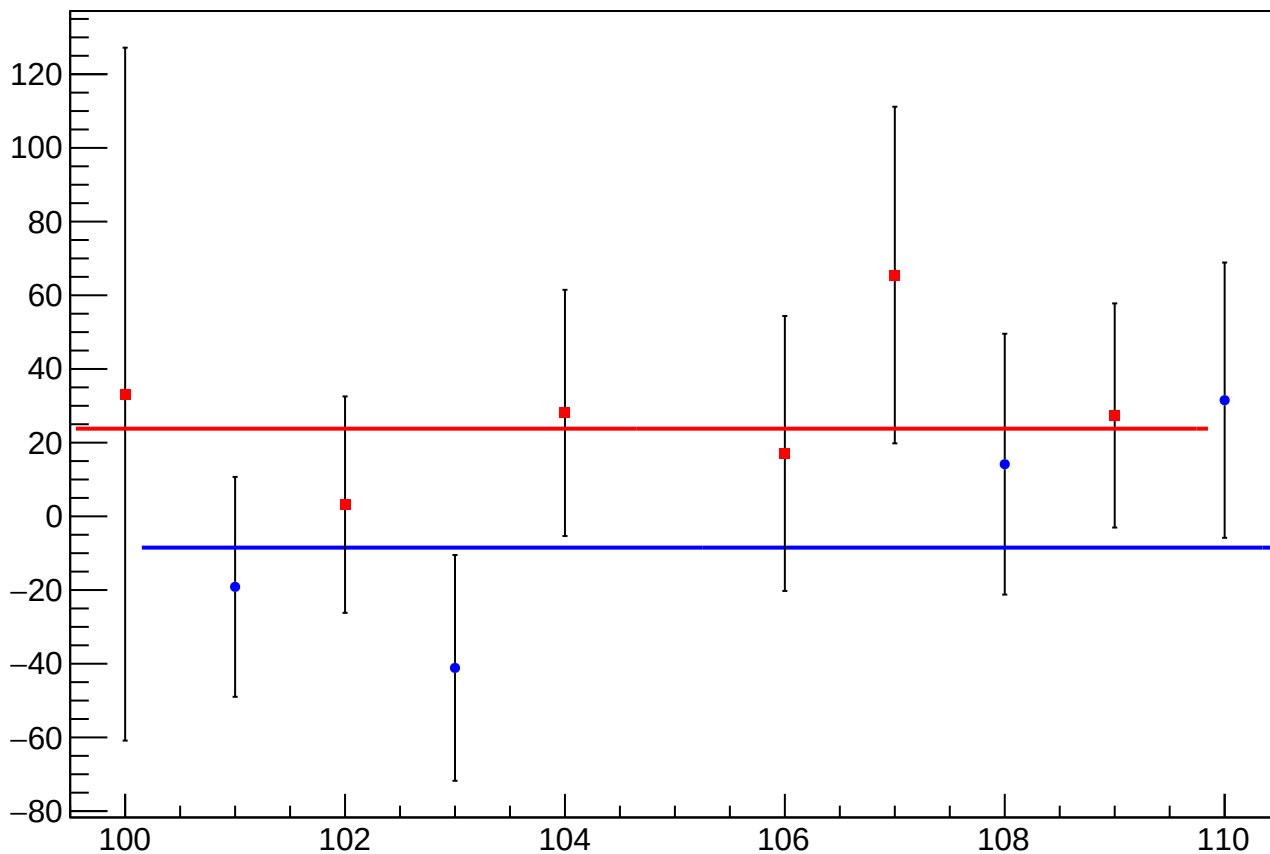
Right: 171.485 $\pm$ 0.064 χ^2 /NDF: 1191030.9/9

In: 180.745 $\pm$ 0.096 χ^2 /NDF:415366.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 171.485 $\pm$ 0.064 χ^2 /NDF: 1191030.9/9

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.487+/-16.433 χ^2/NDF : 2.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.798+/-14.996 χ^2/NDF : 1.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

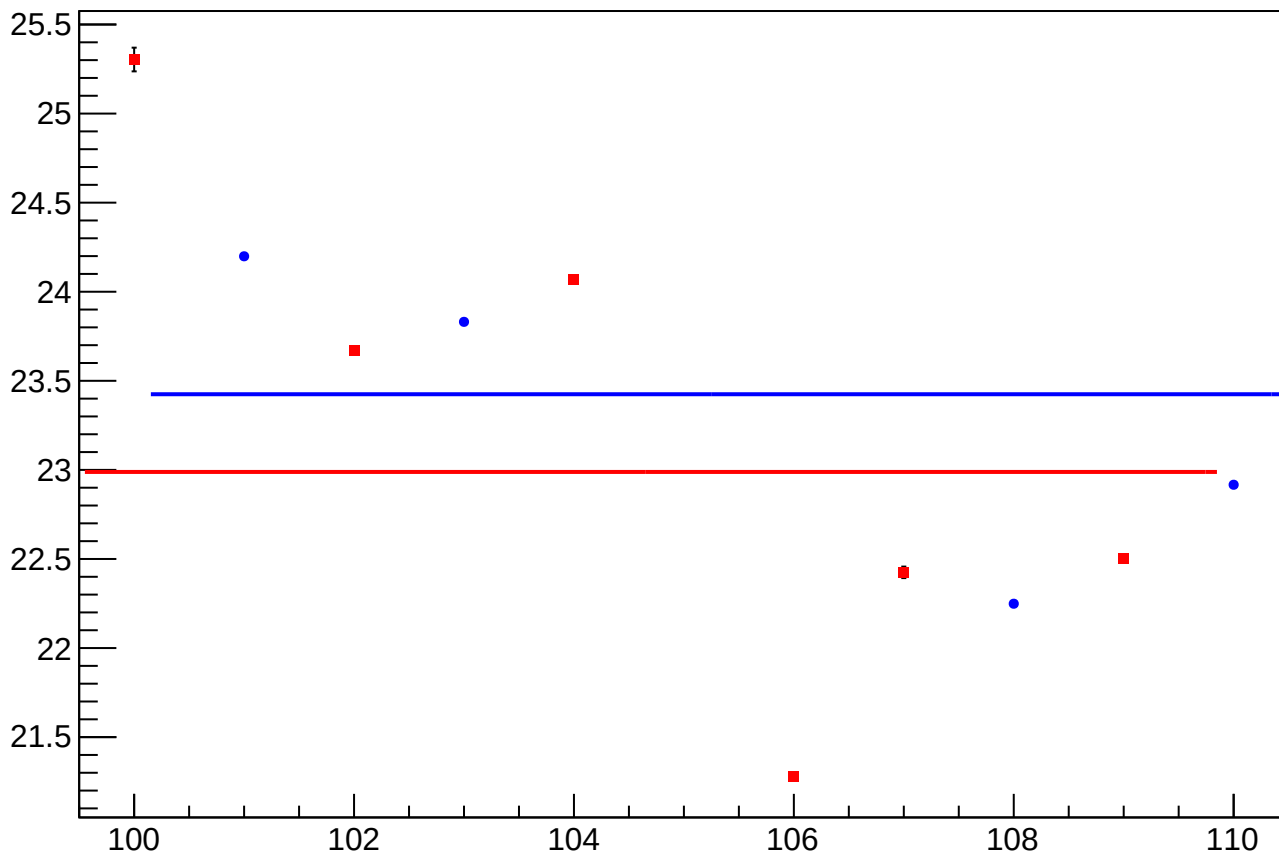
Right: 9.129+/-11.077 χ^2/NDF : 6.3/9

In: -8.487+/-16.433 χ^2/NDF : 2.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.129+/-11.077 χ^2/NDF : 6.3/9

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.425+/-0.012 χ^2/NDF : 4274.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.989+/-0.011 χ^2/NDF : 9376.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

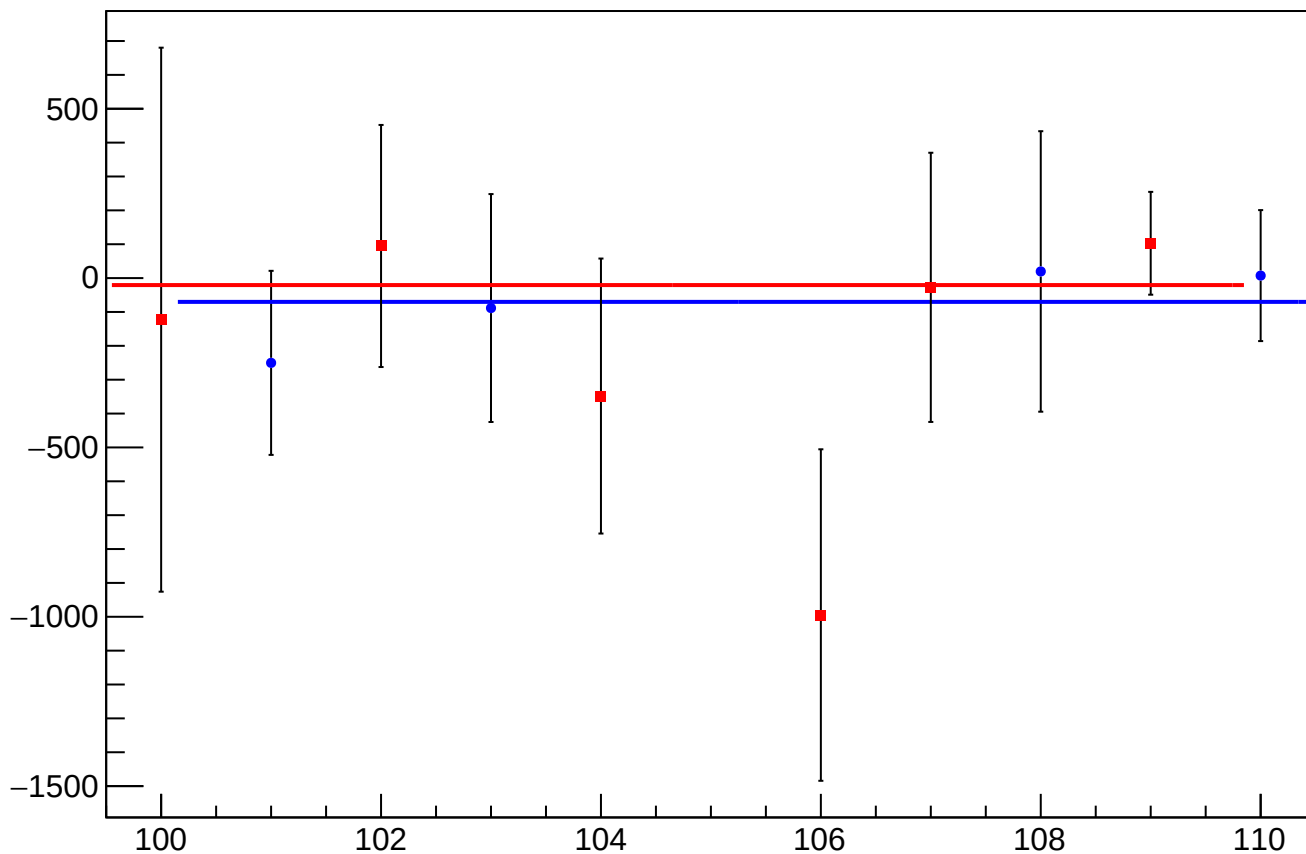
Right: 23.187+/-0.008 χ^2/NDF : 14420.1/9

In: 23.425+/-0.012 χ^2/NDF :4274.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.187+/-0.008 χ^2/NDF : 14420.1/9

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -70.229+/-134.898 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.608+/-120.091 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

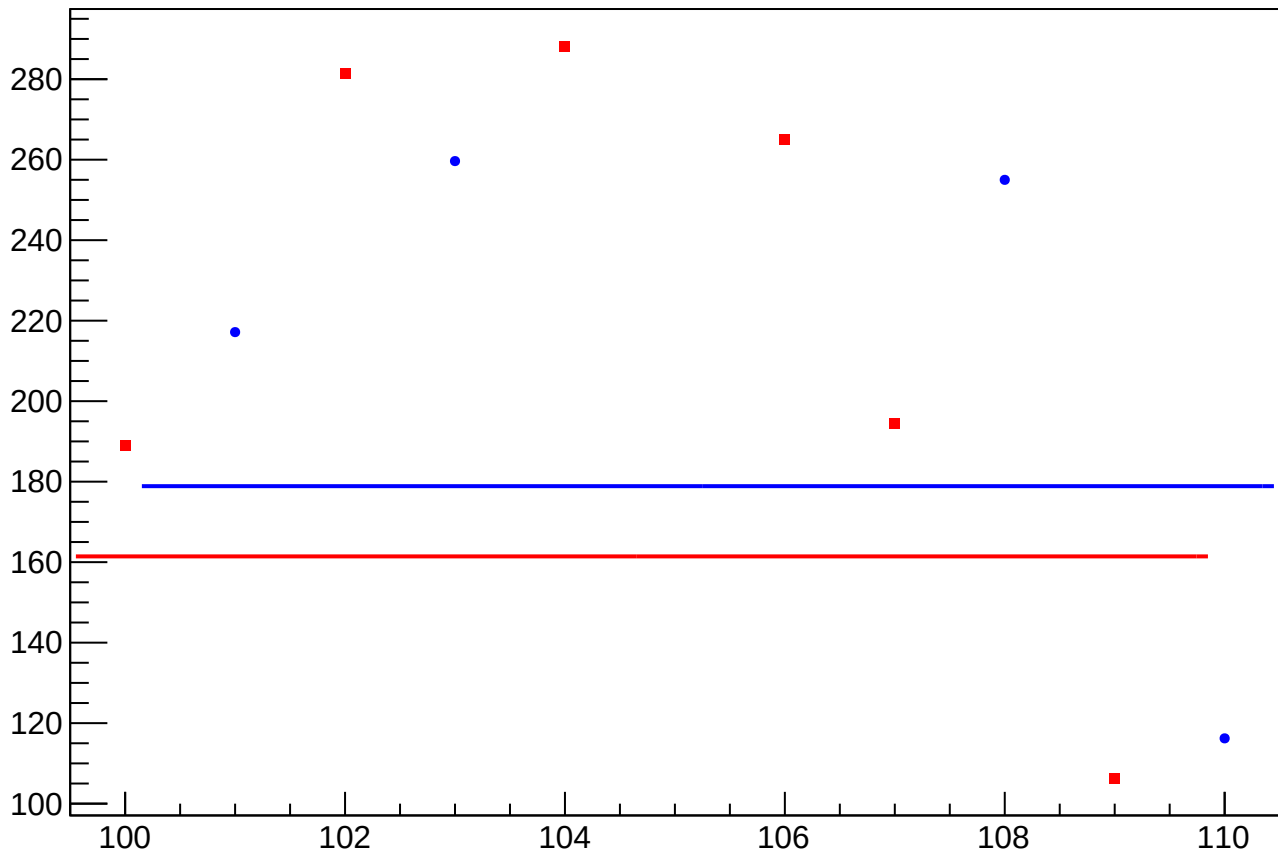
Right: -42.547+/-89.697 χ^2/NDF : 6.1/9

In: -70.229+/-134.898 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.547+/-89.697 χ^2/NDF : 6.1/9

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.882+/-0.095 χ^2/NDF : 432495.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.432+/-0.085 χ^2/NDF : 789815.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

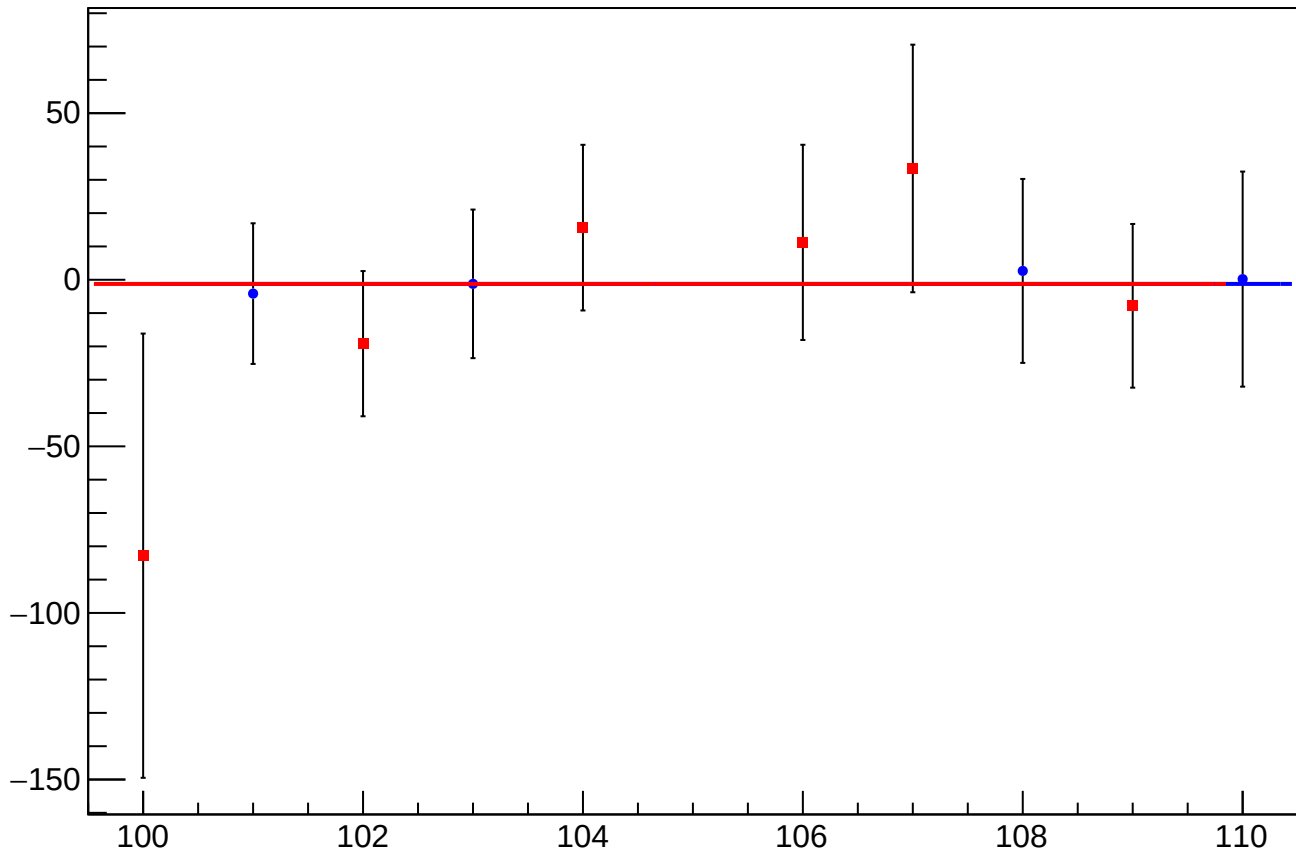
Right: 169.147+/-0.063 χ^2/NDF : 1240980.4/9

In: 178.882+/-0.095 χ^2/NDF : 432495.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.147+/-0.063 χ^2/NDF : 1240980.4/9

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.244 $\pm$ 12.377 χ^2 /NDF: 0.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.252 $\pm$ 11.552 χ^2 /NDF: 3.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

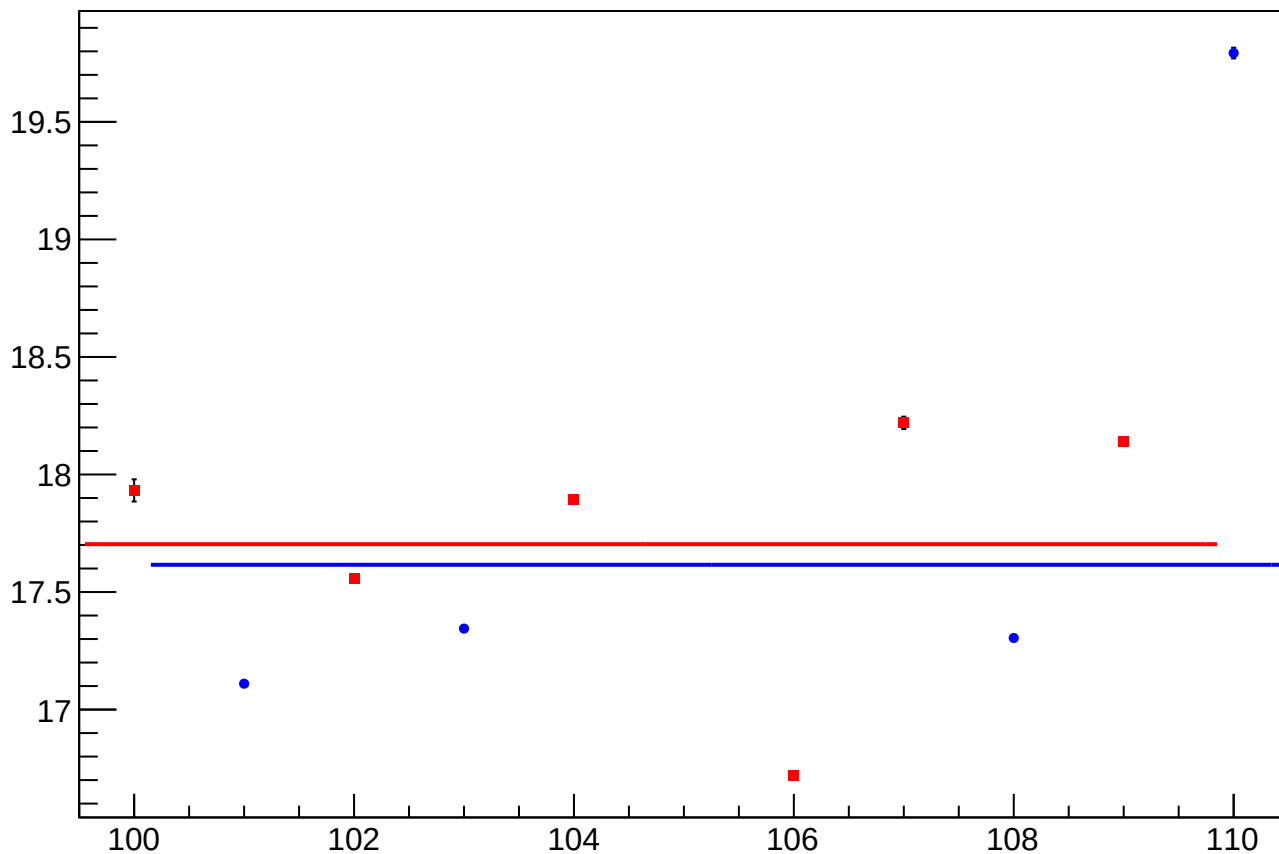
Right: -1.248 $\pm$ 8.445 χ^2 /NDF: 3.8/9

In: -1.244 $\pm$ 12.377 χ^2 /NDF:0.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.248 $\pm$ 8.445 χ^2 /NDF: 3.8/9

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.616+/-0.009 χ^2/NDF : 10796.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.704+/-0.008 χ^2/NDF : 3519.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

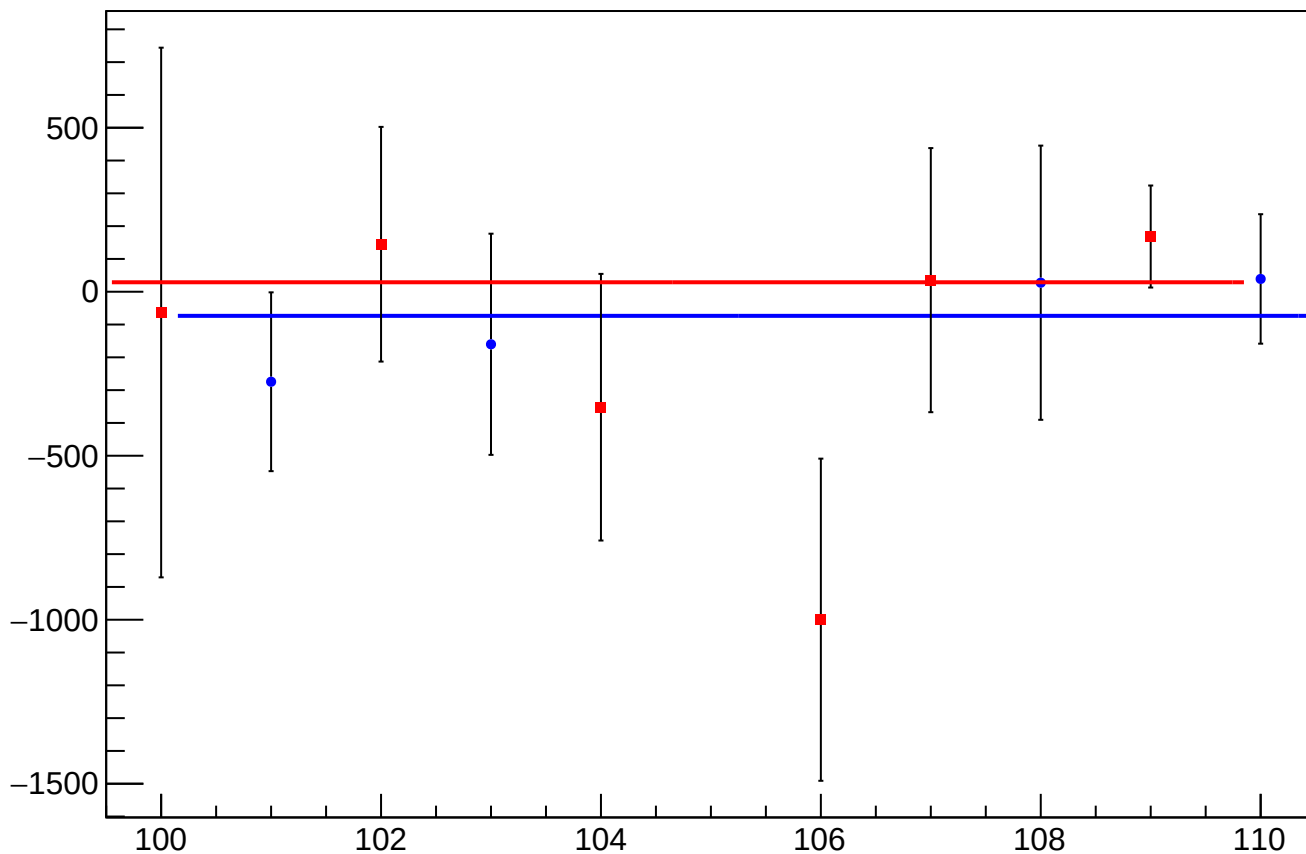
Right: 17.663+/-0.006 χ^2/NDF : 14370.1/9

In: 17.616+/-0.009 χ^2/NDF : 10796.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.663+/-0.006 χ^2/NDF : 14370.1/9

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -73.513+/-136.522 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.845+/-122.111 χ^2/NDF : 6.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

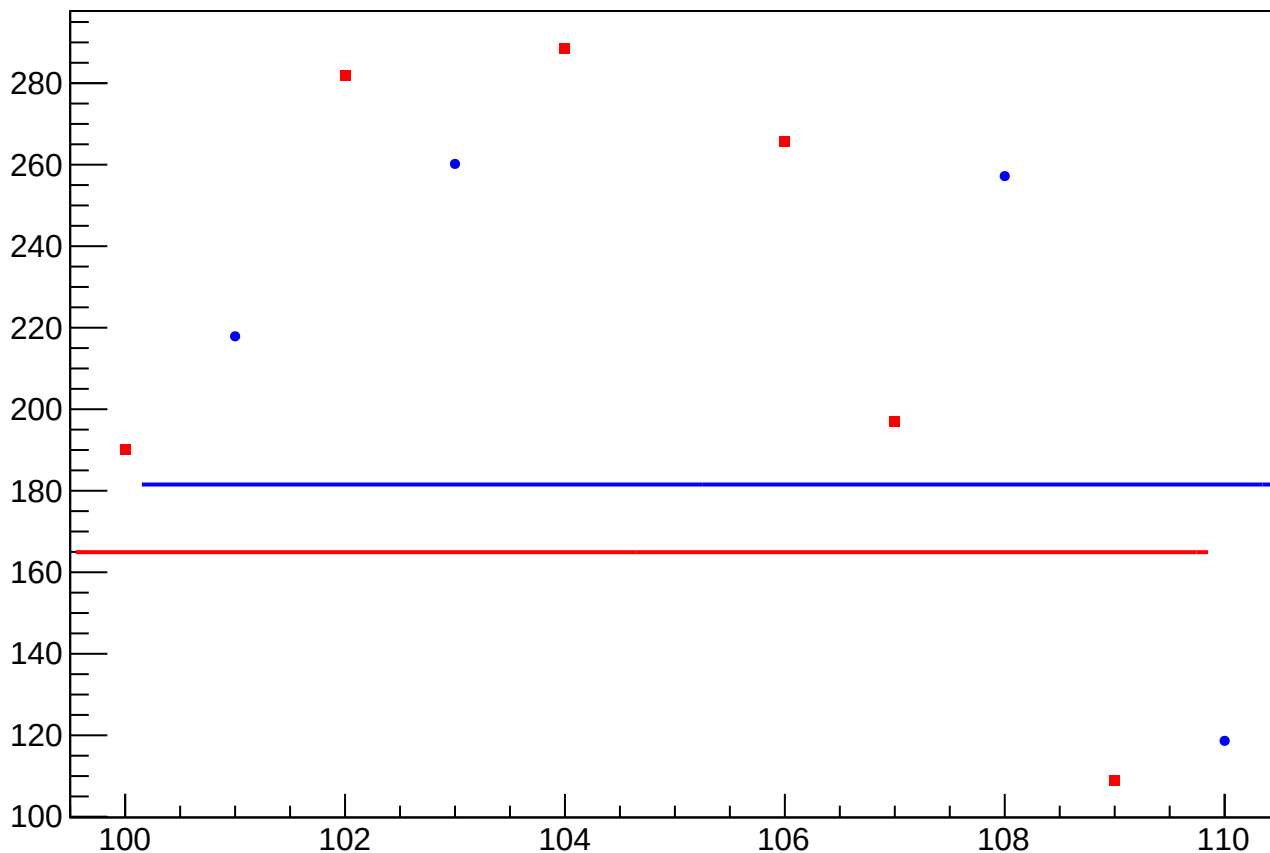
Right: -16.648+/-91.015 χ^2/NDF : 7.5/9

In: -73.513+/-136.522 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.648+/-91.015 χ^2/NDF : 7.5/9

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 181.531 $\pm$ 0.097 χ^2 /NDF: 413070.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 164.930 $\pm$ 0.086 χ^2 /NDF: 755935.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

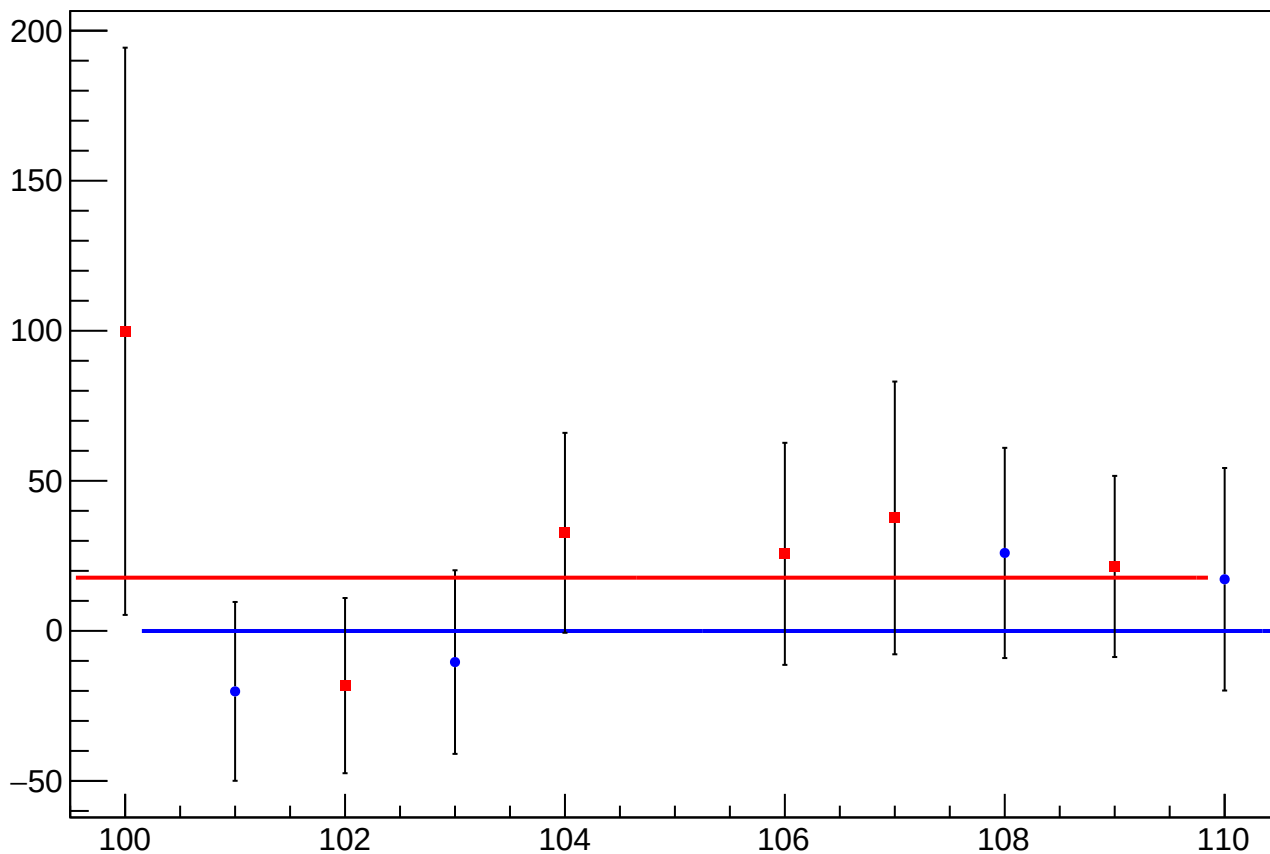
Right: 172.308 $\pm$ 0.064 χ^2 /NDF: 1185435.8/9

In: 181.531 $\pm$ 0.097 χ^2 /NDF:413070.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 172.308 $\pm$ 0.064 χ^2 /NDF: 1185435.8/9

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.037 $\pm$ 16.358 χ^2 /NDF: 1.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.732 $\pm$ 14.908 χ^2 /NDF: 2.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

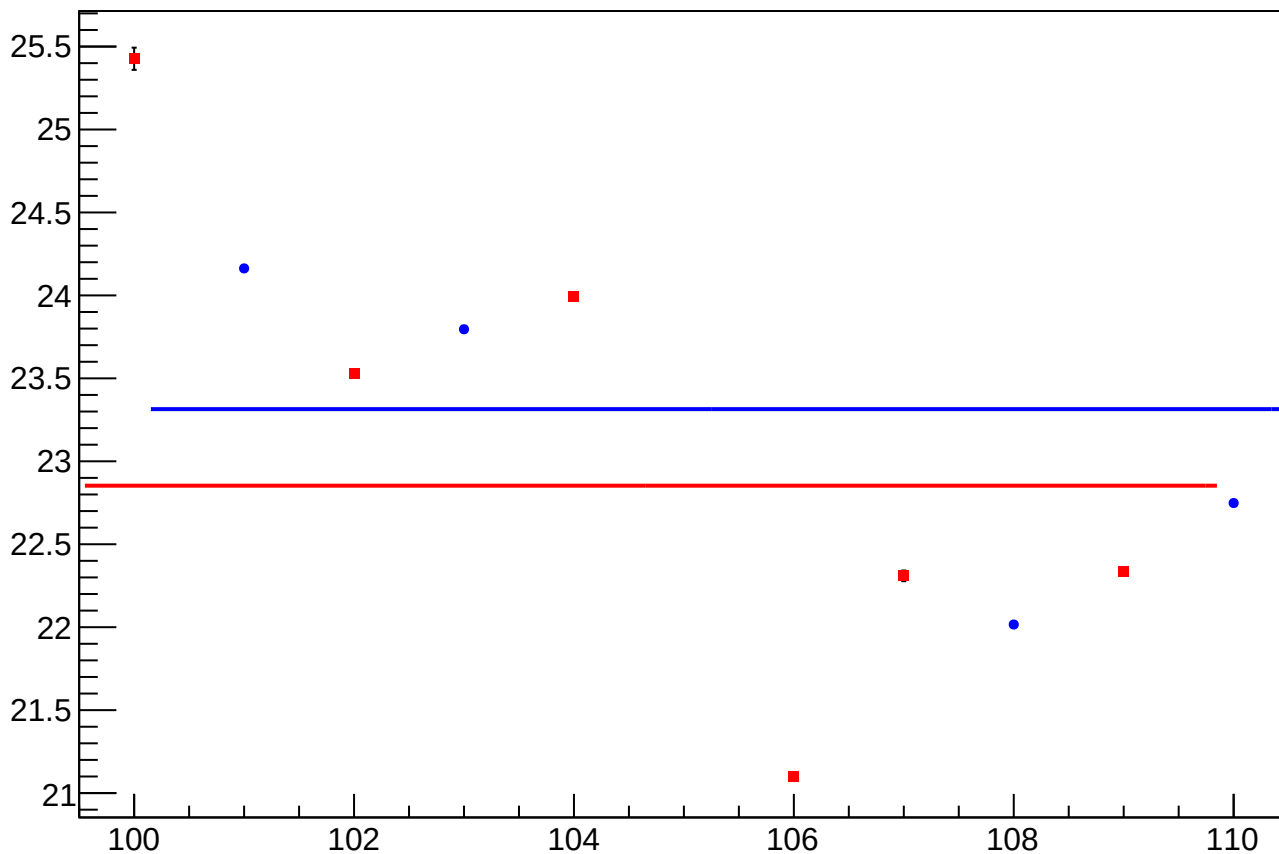
Right: 9.669 $\pm$ 11.018 χ^2 /NDF: 4.7/9

In: -0.037 $\pm$ 16.358 χ^2 /NDF:1.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.669 $\pm$ 11.018 χ^2 /NDF: 4.7/9

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.314+/-0.012 χ^2/NDF : 5330.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.853+/-0.011 χ^2/NDF : 10261.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

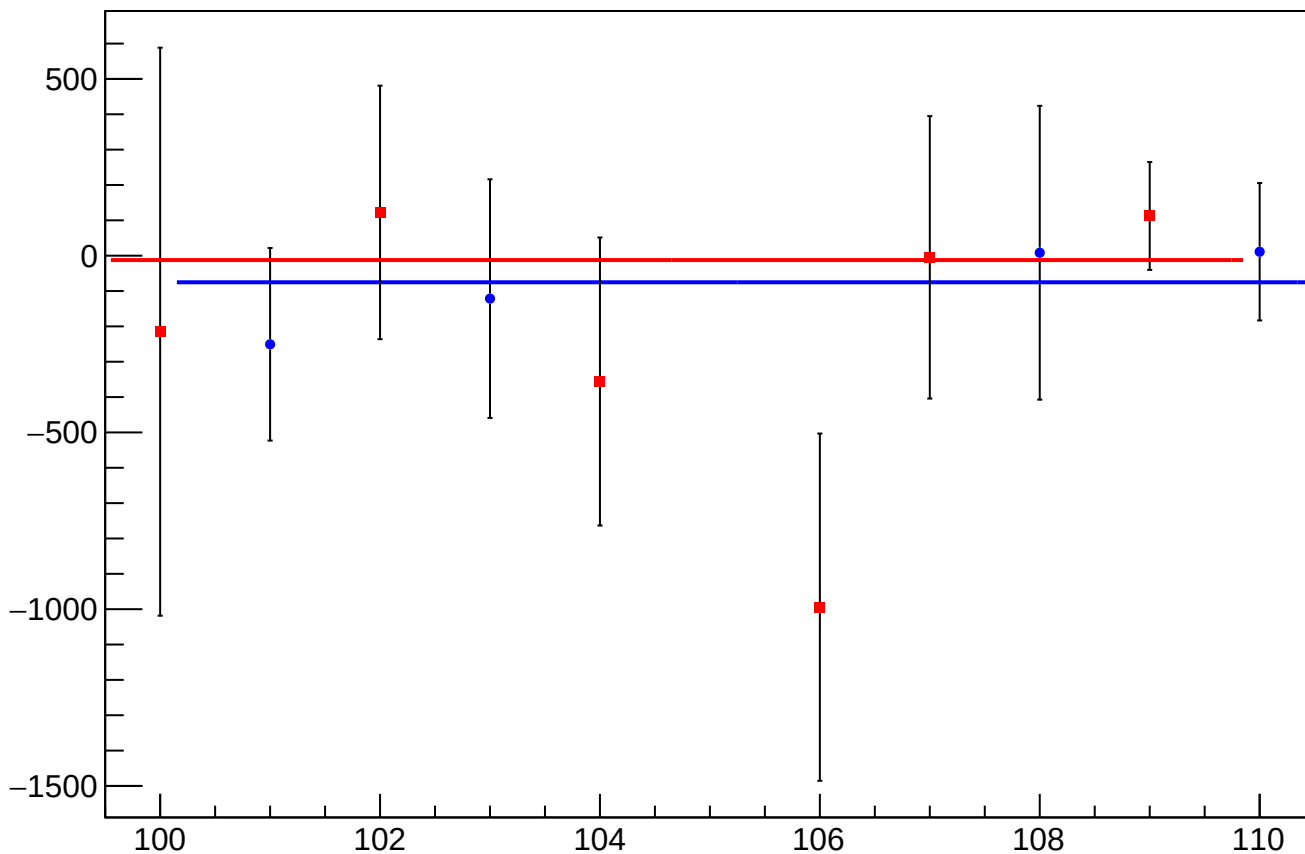
Right: 23.062+/-0.008 χ^2/NDF : 16461.3/9

In: 23.314+/-0.012 χ^2/NDF : 5330.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.062+/-0.008 χ^2/NDF : 16461.3/9

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -75.247+/-135.449 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.410+/-120.670 χ^2/NDF : 5.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

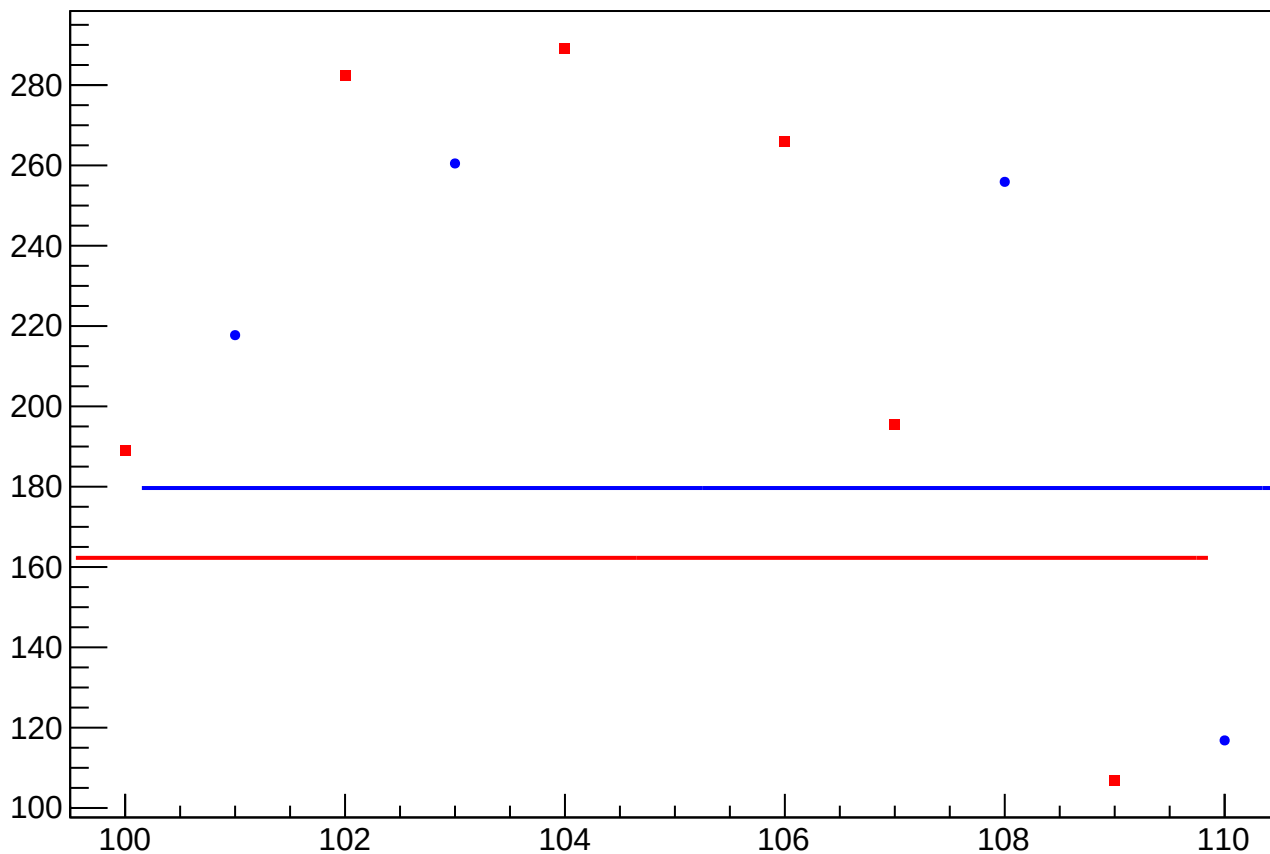
Right: -40.214+/-90.100 χ^2/NDF : 6.4/9

In: -75.247+/-135.449 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.214+/-90.100 χ^2/NDF : 6.4/9

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 179.670 $\pm$ 0.096 χ^2 /NDF: 430063.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 162.284 $\pm$ 0.085 χ^2 /NDF: 786530.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

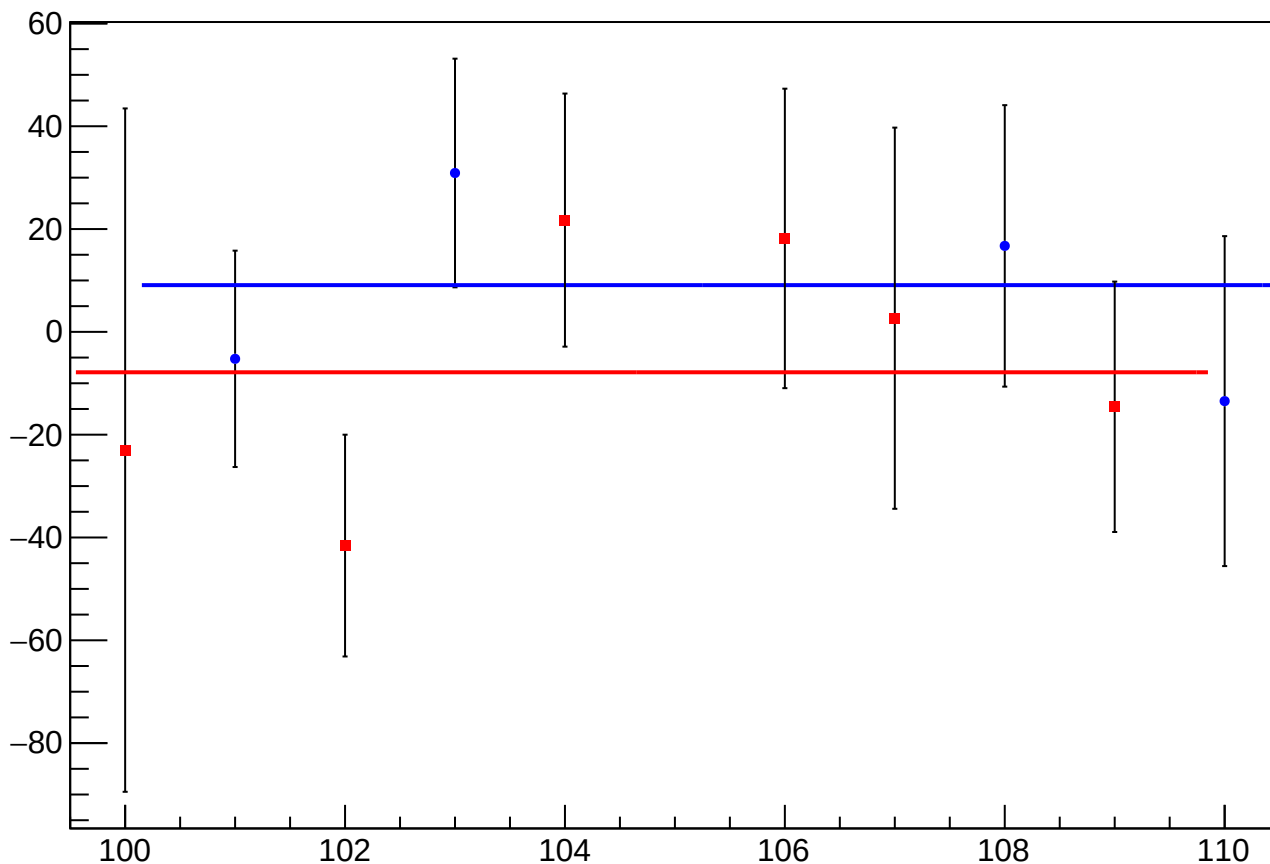
Right: 169.977 $\pm$ 0.064 χ^2 /NDF: 1234965.0/9

In: 179.670 $\pm$ 0.096 χ^2 /NDF:430063.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 169.977 $\pm$ 0.064 χ^2 /NDF: 1234965.0/9

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 9.091+/-12.324 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.862+/-11.458 χ^2/NDF : 4.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

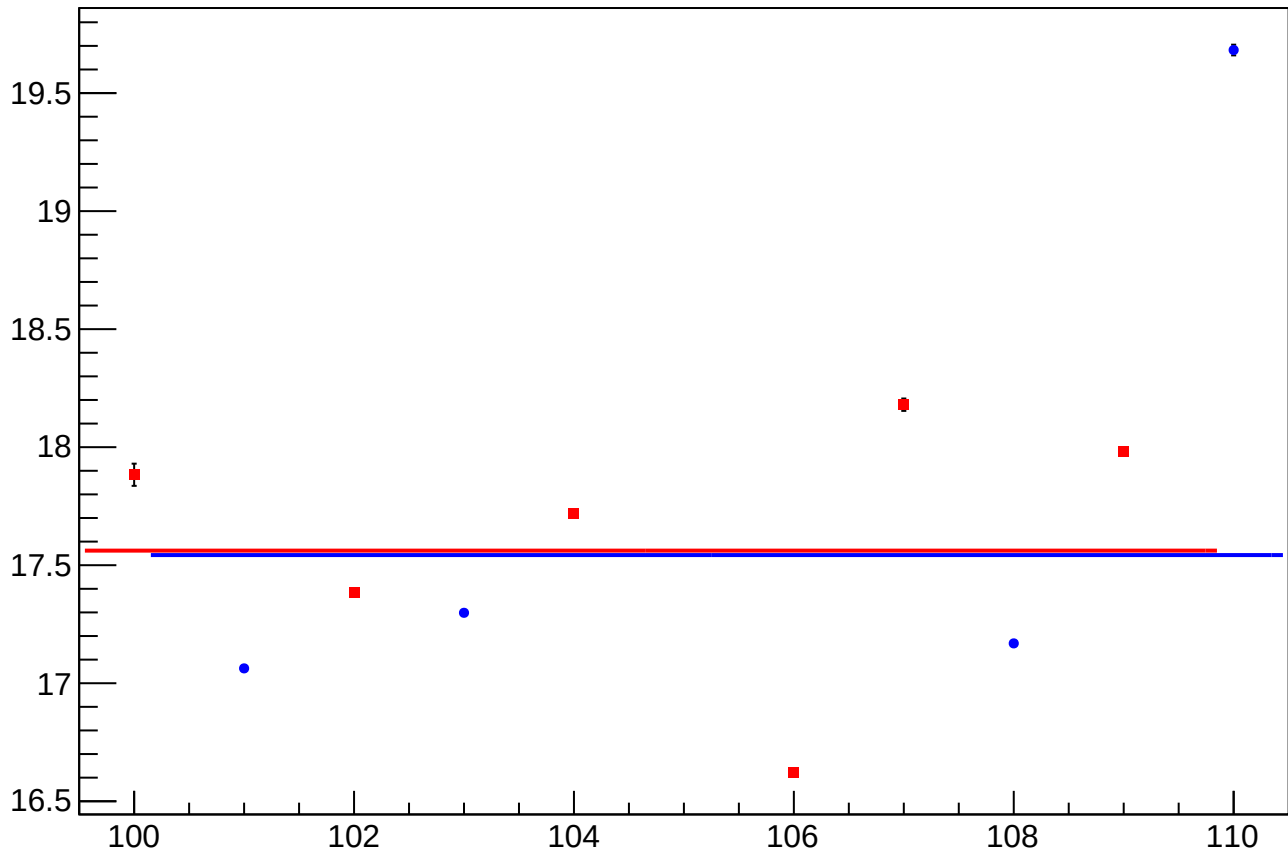
Right: -0.002+/-8.391 χ^2/NDF : 7.9/9

In: 9.091+/-12.324 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-8.391 χ^2/NDF : 7.9/9

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.543 ± 0.009 $\chi^2/\text{NDF}: 10544.4/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 17.562 ± 0.008 $\chi^2/\text{NDF}: 3509.8/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

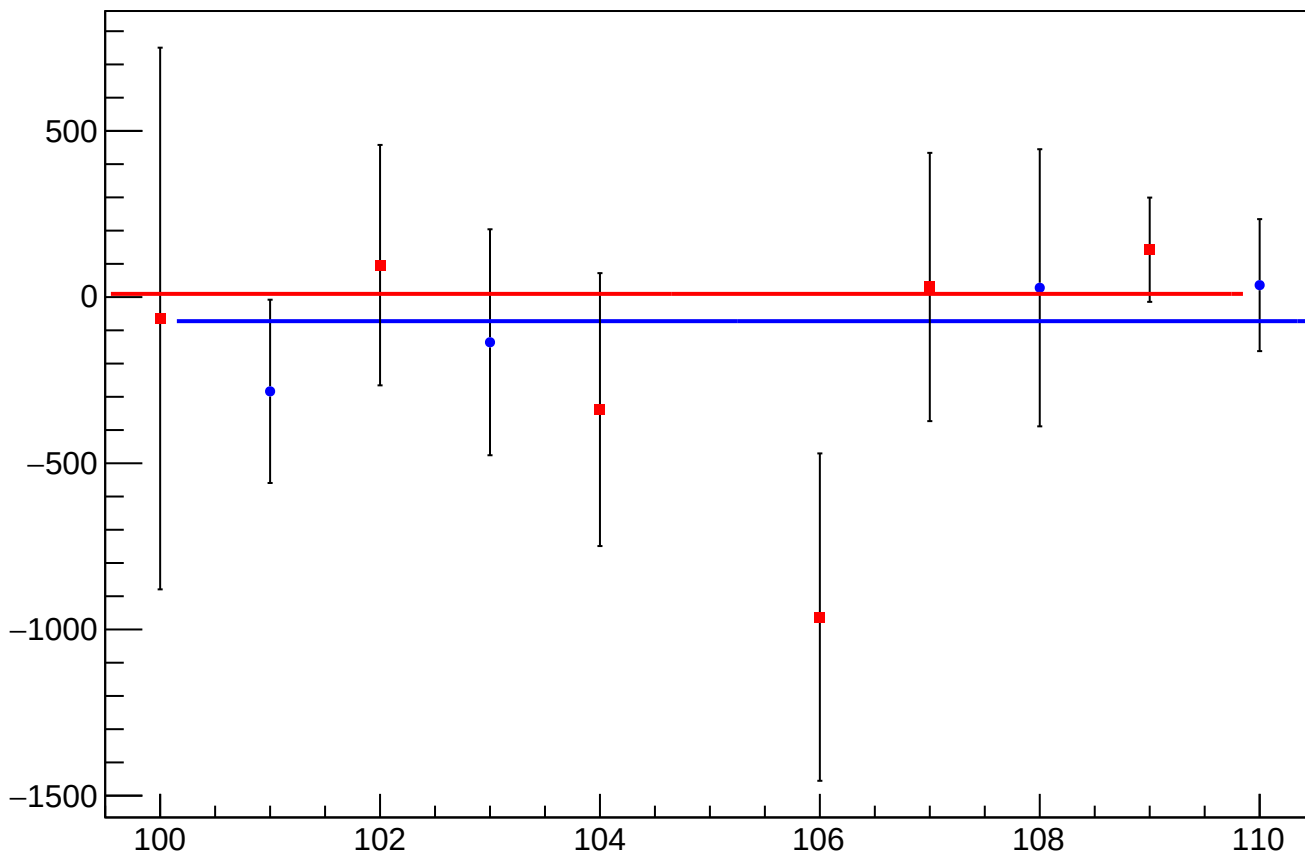
Right: 17.553 ± 0.006 $\chi^2/\text{NDF}: 14056.7/9$

In: 17.543 ± 0.009 $\chi^2/\text{NDF}: 10544.4/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 17.553 ± 0.006 $\chi^2/\text{NDF}: 14056.7/9$

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -72.389+/-137.461 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.703+/-123.105 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

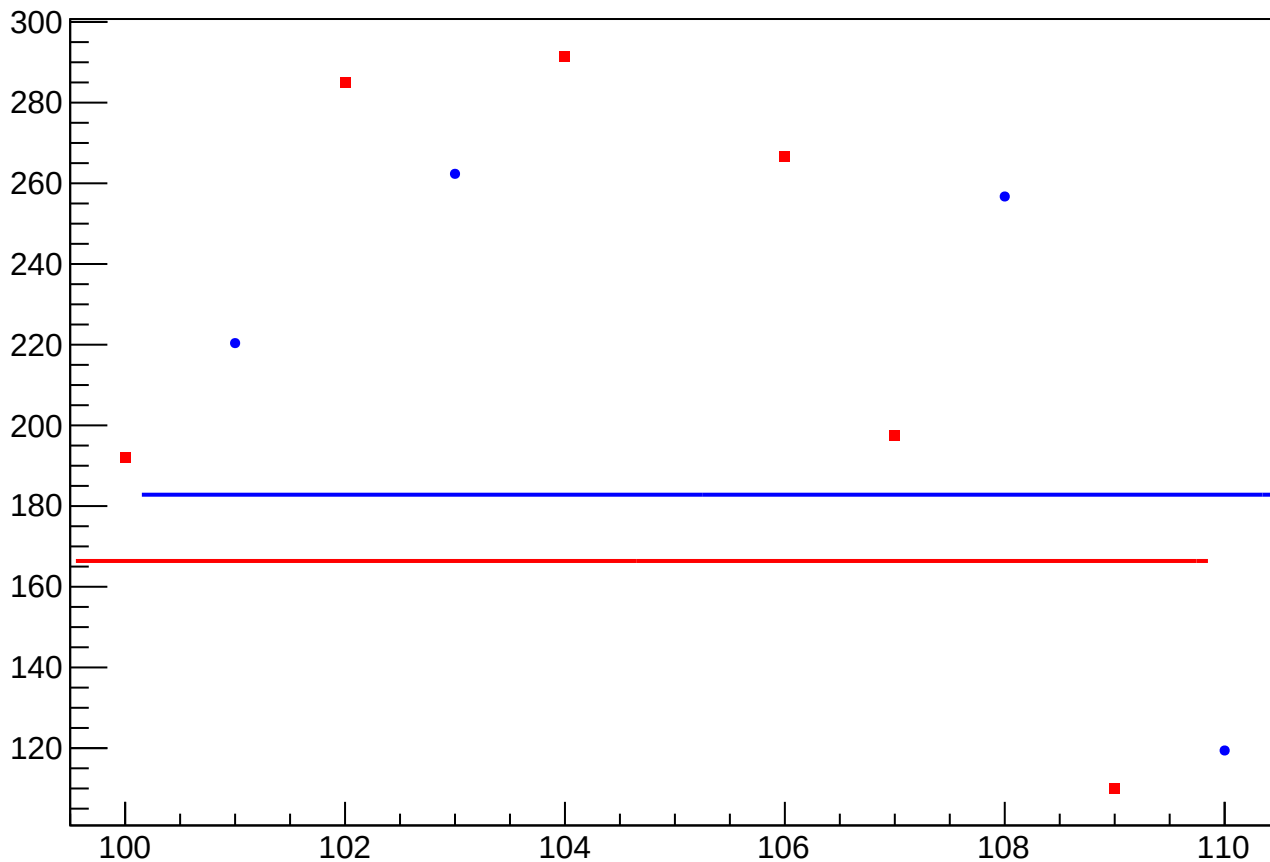
Right: -26.834+/-91.705 χ^2/NDF : 6.6/9

In: -72.389+/-137.461 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.834+/-91.705 χ^2/NDF : 6.6/9

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 182.818 $\pm$ 0.097 χ^2 /NDF: 413381.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 166.392 $\pm$ 0.087 χ^2 /NDF: 754930.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

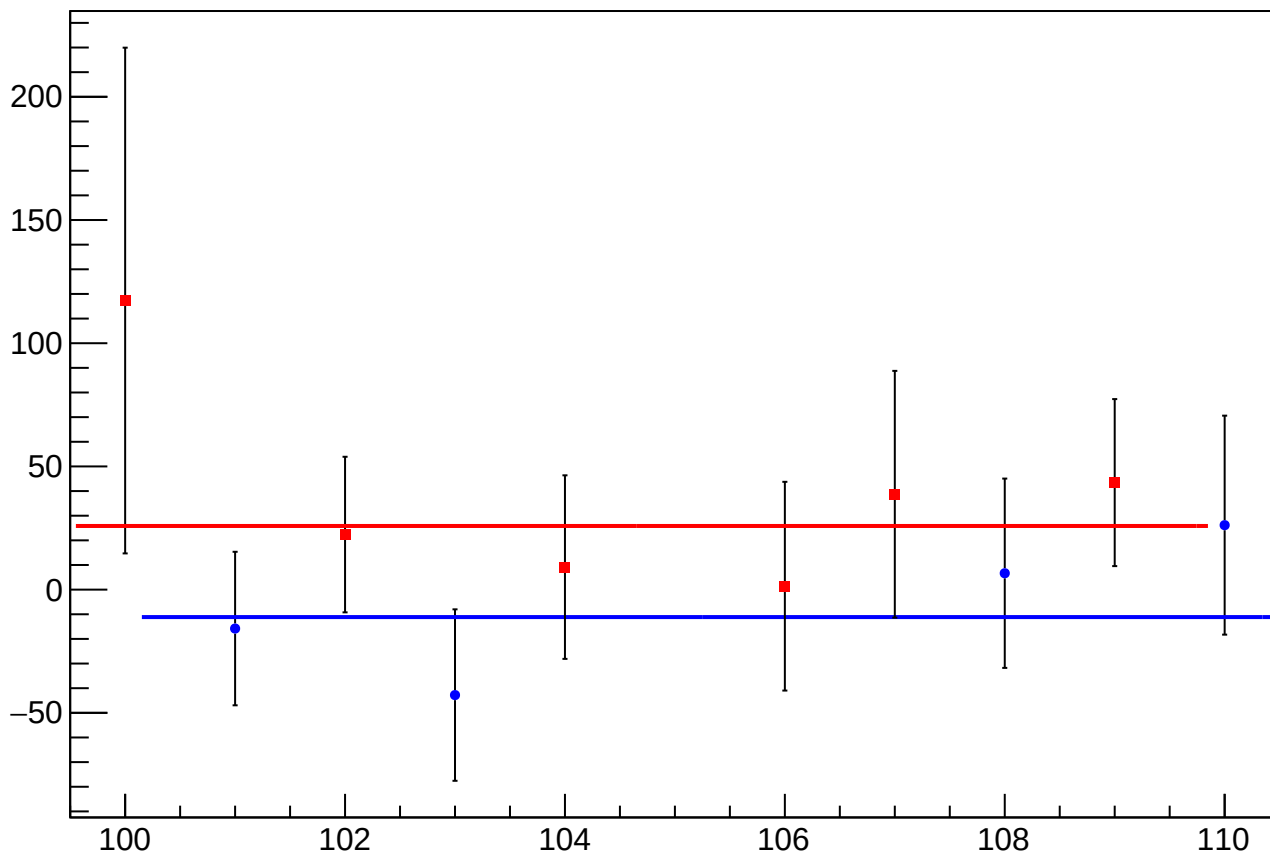
Right: 173.703 $\pm$ 0.065 χ^2 /NDF: 1184160.2/9

In: 182.818 $\pm$ 0.097 χ^2 /NDF:413381.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 173.703 $\pm$ 0.065 χ^2 /NDF: 1184160.2/9

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -11.138 $\pm$ 18.134 χ^2 /NDF: 1.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.833 $\pm$ 16.561 χ^2 /NDF: 1.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

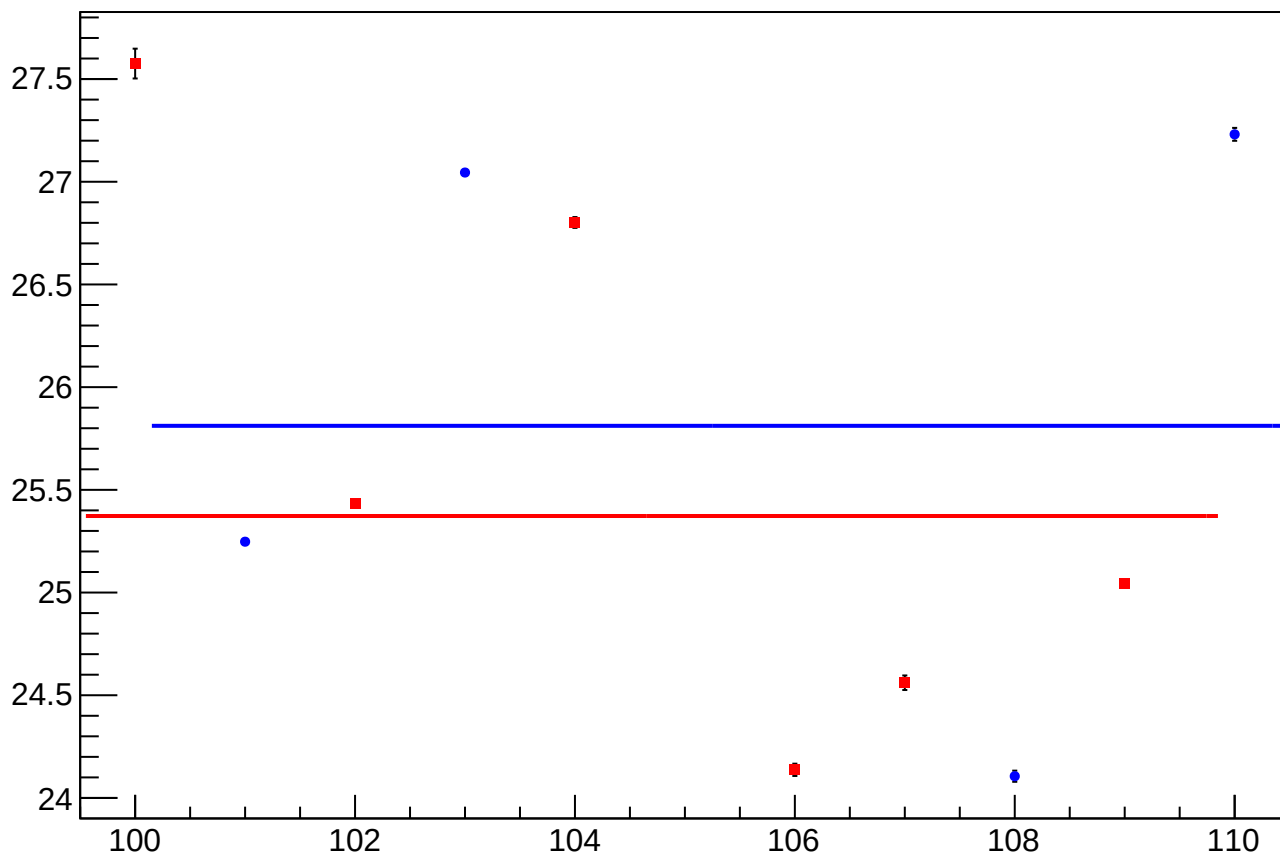
Right: 9.021 $\pm$ 12.229 χ^2 /NDF: 5.7/9

In: -11.138 $\pm$ 18.134 χ^2 /NDF:1.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.021 $\pm$ 12.229 χ^2 /NDF: 5.7/9

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.812+/-0.013 χ^2/NDF : 9153.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.373+/-0.012 χ^2/NDF : 6290.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

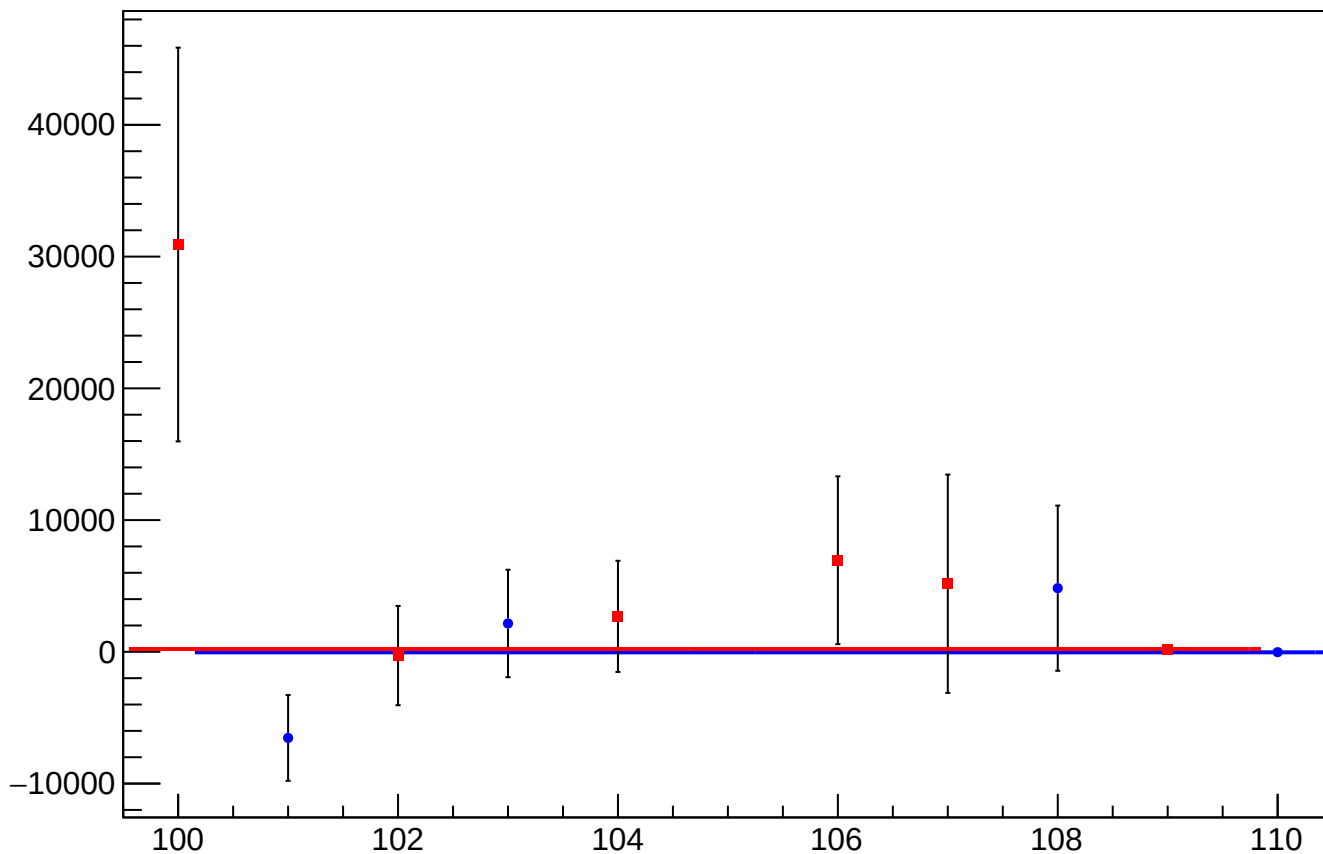
Right: 25.572+/-0.009 χ^2/NDF : 16083.3/9

In: 25.812+/-0.013 χ^2/NDF : 9153.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.572+/-0.009 χ^2/NDF : 16083.3/9

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -37.455+/-194.603 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 218.100+/-209.545 χ^2/NDF : 6.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

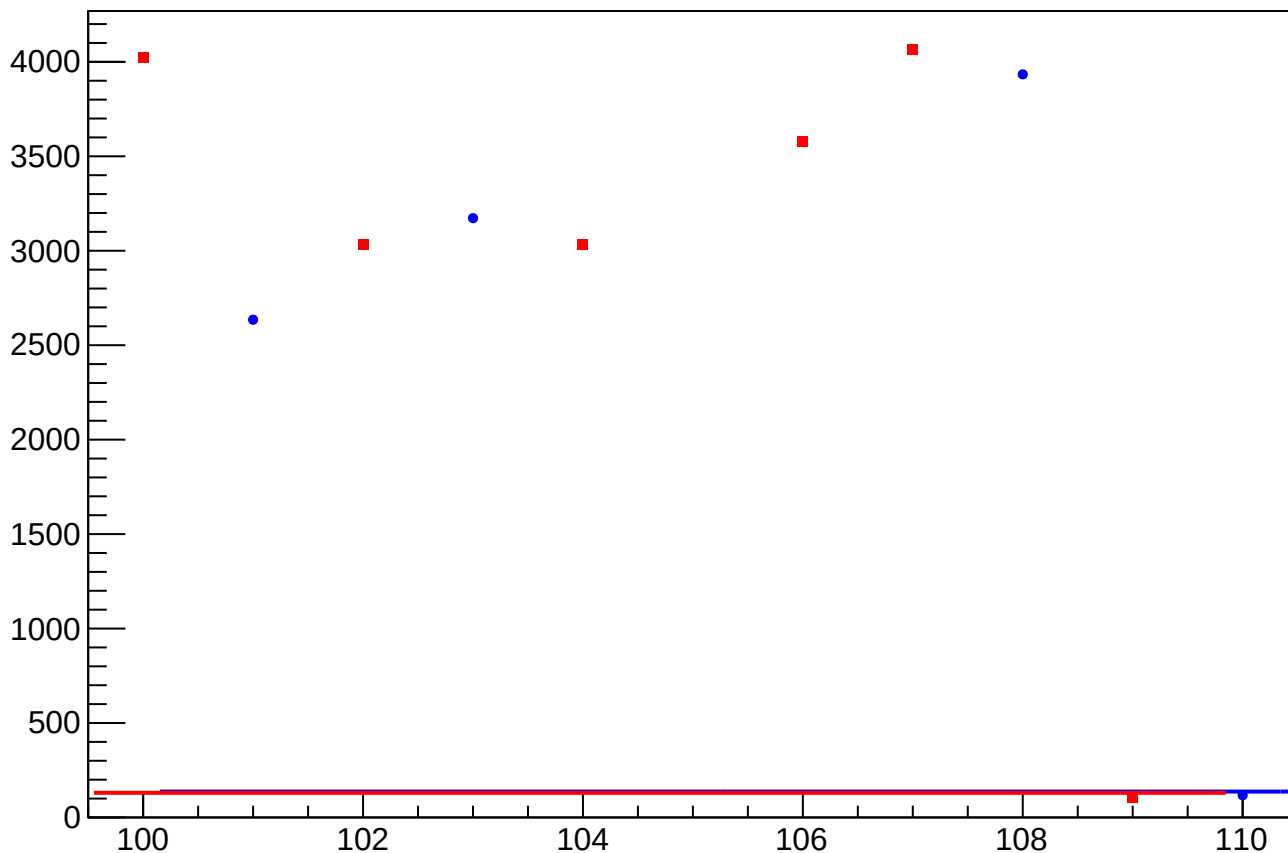
Right: 80.887+/-142.595 χ^2/NDF : 11.8/9

In: -37.455+/-194.603 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.887+/-142.595 χ^2/NDF : 11.8/9

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 137.045+/-0.138 χ^2/NDF : 3039961.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.472+/-0.148 χ^2/NDF : 3333294.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

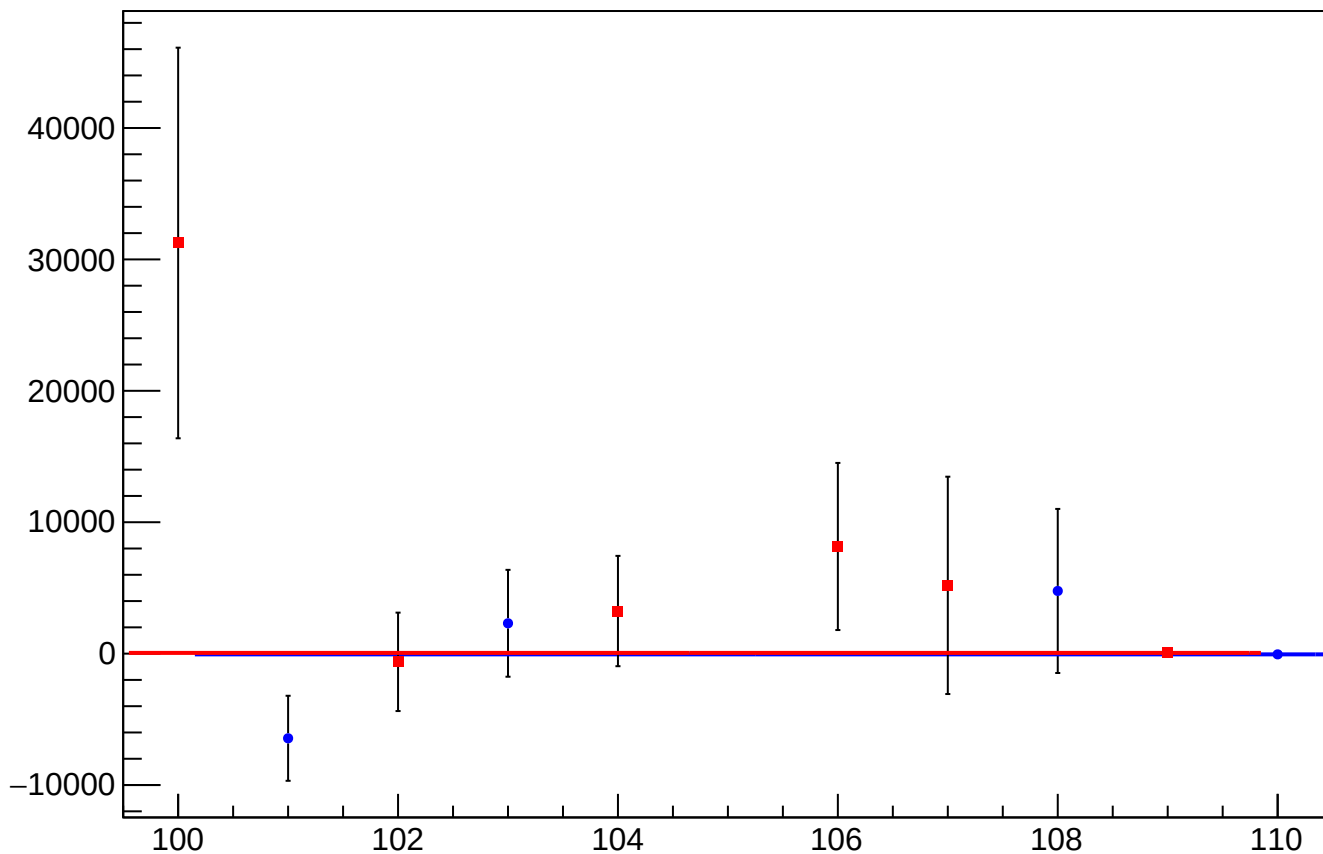
Right: 134.001+/-0.101 χ^2/NDF : 6374312.7/9

In: 137.045+/-0.138 χ^2/NDF : 3039961.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.001+/-0.101 χ^2/NDF : 6374312.7/9

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -55.900+/-43.733 χ^2/NDF : 4.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.300+/-51.353 χ^2/NDF : 7.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

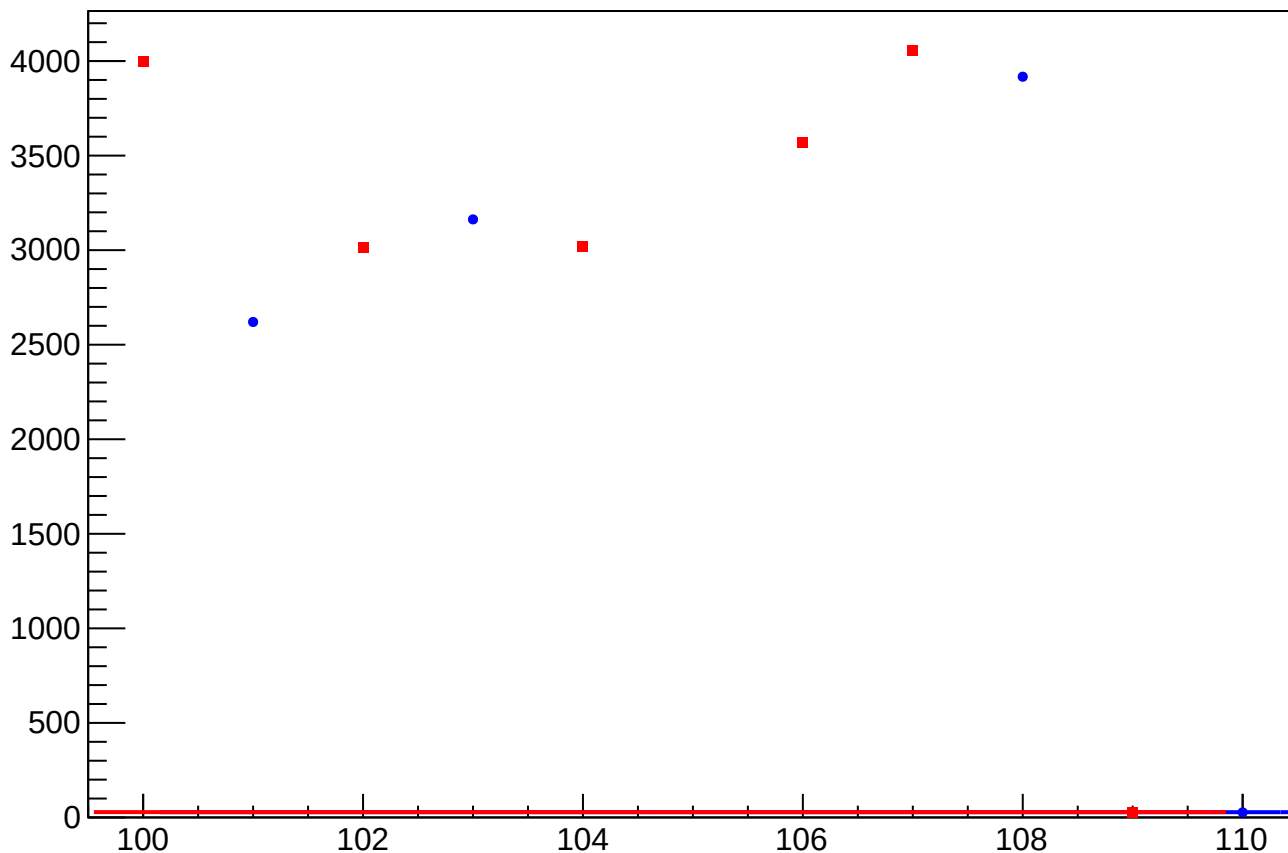
Right: -9.154+/-33.296 χ^2/NDF : 14.6/9

In: -55.900+/-43.733 χ^2/NDF : 4.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.154+/-33.296 χ^2/NDF : 14.6/9

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.832 $\pm$ 0.031 χ^2 /NDF: 3250005.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.254 $\pm$ 0.036 χ^2 /NDF: 3529449.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

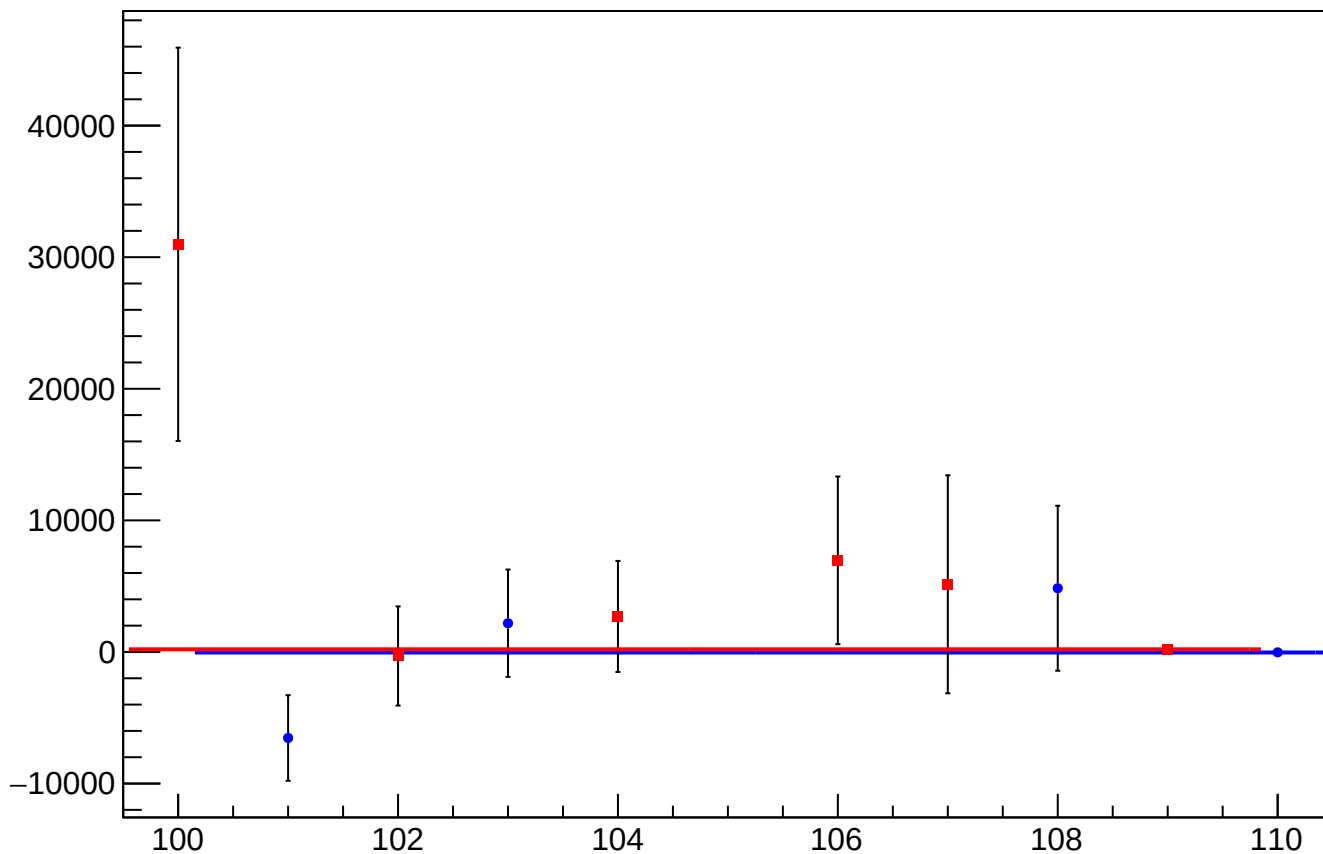
Right: 28.010 $\pm$ 0.024 χ^2 /NDF: 6779533.6/9

In: 27.832 $\pm$ 0.031 χ^2 /NDF:3250005.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.010 $\pm$ 0.024 χ^2 /NDF: 6779533.6/9

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -41.282+/-193.616 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.580+/-208.363 χ^2/NDF : 6.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

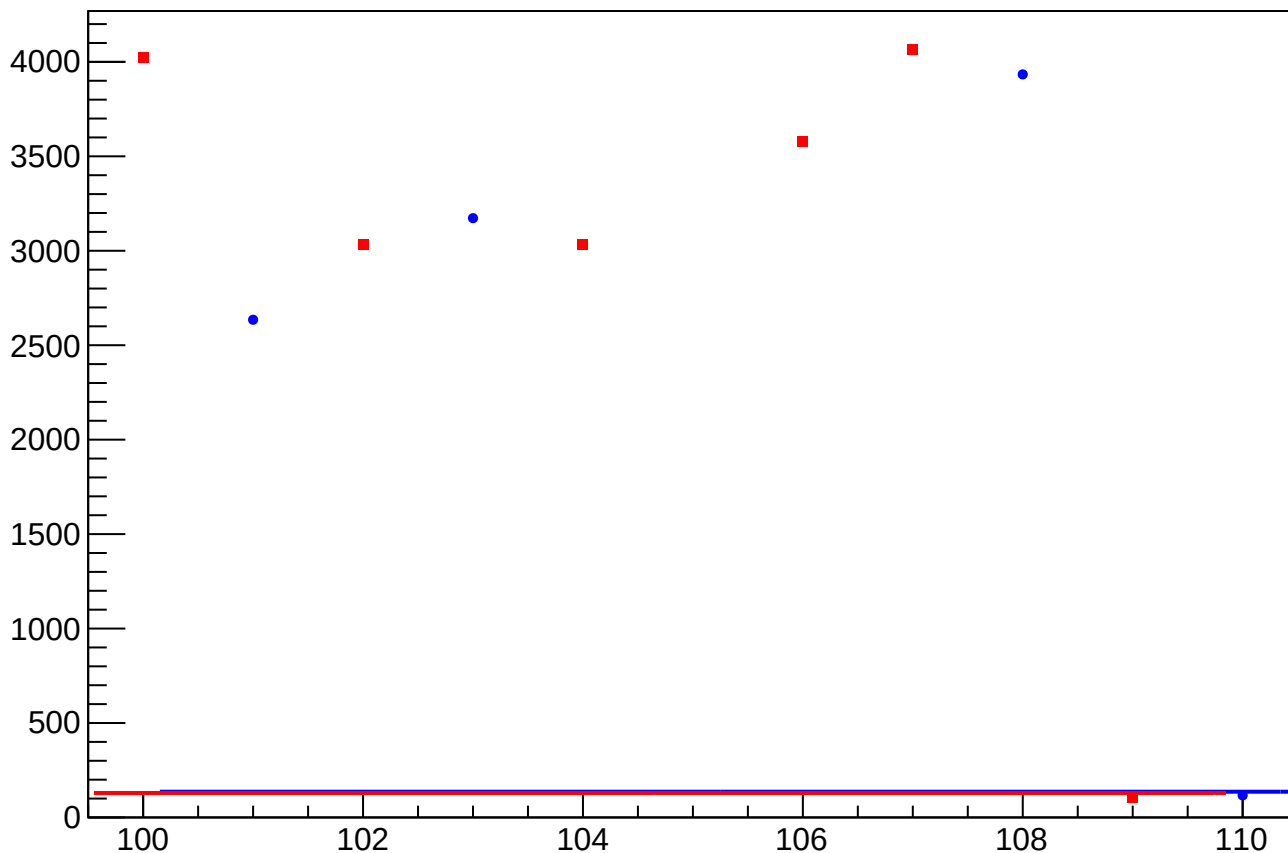
Right: 70.788+/-141.834 χ^2/NDF : 11.7/9

In: -41.282+/-193.616 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.788+/-141.834 χ^2/NDF : 11.7/9

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 136.250+/-0.137 χ^2/NDF : 3041410.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.576+/-0.147 χ^2/NDF : 3334925.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

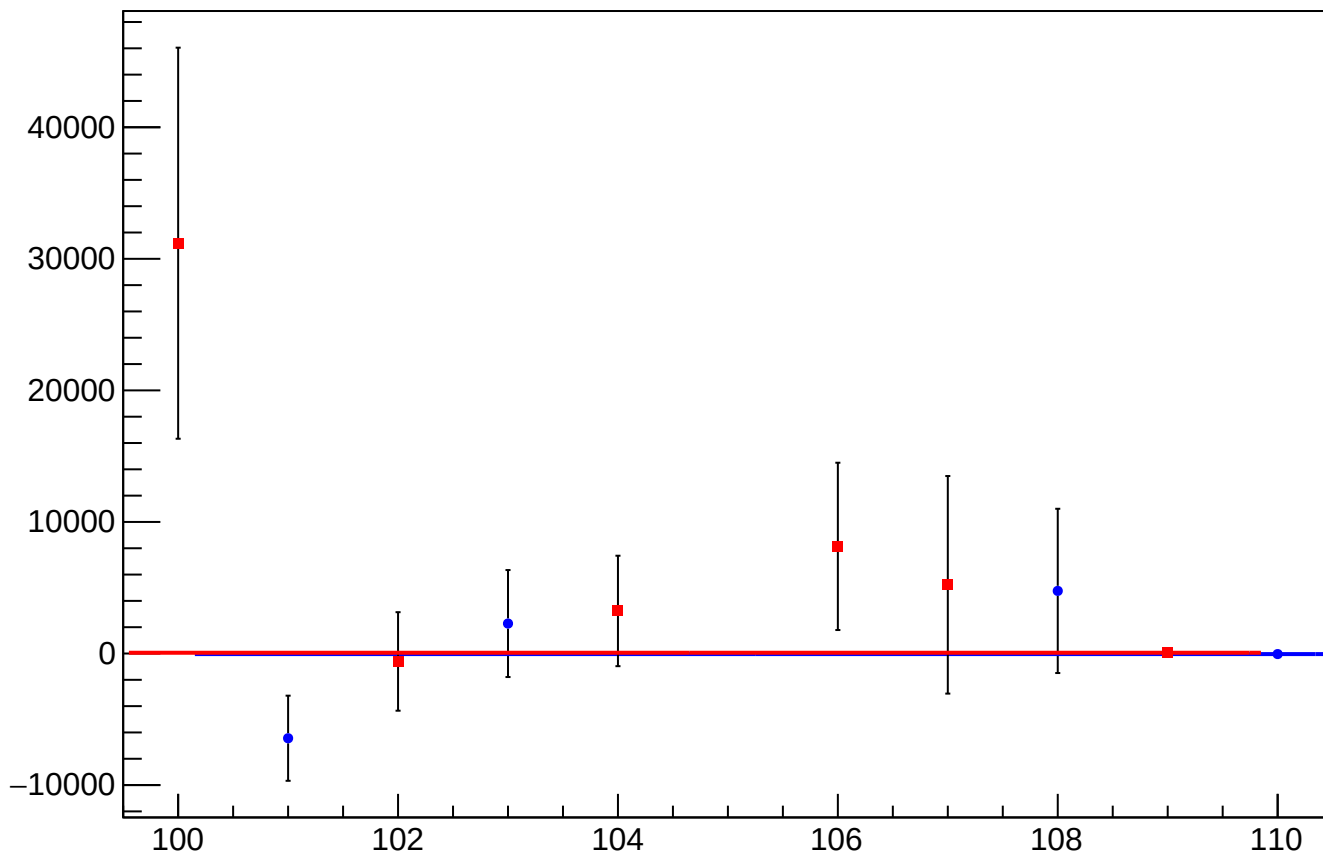
Right: 133.157+/-0.100 χ^2/NDF : 6377437.1/9

In: 136.250+/-0.137 χ^2/NDF : 3041410.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.157+/-0.100 χ^2/NDF : 6377437.1/9

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -43.488 $\pm$ 43.865 χ^2 /NDF: 4.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.625 $\pm$ 51.362 χ^2 /NDF: 7.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

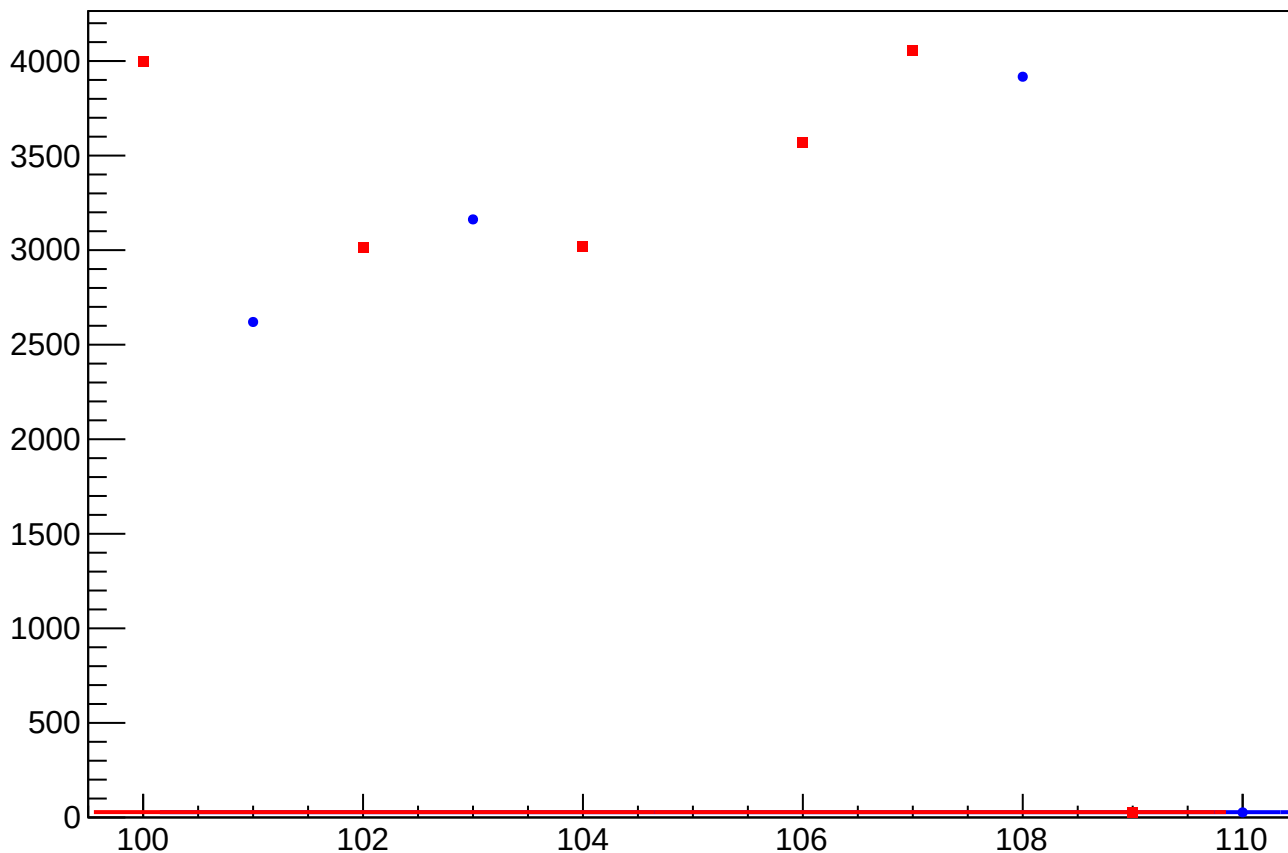
Right: -0.842 $\pm$ 33.356 χ^2 /NDF: 14.1/9

In: -43.488 $\pm$ 43.865 χ^2 /NDF:4.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.842 $\pm$ 33.356 χ^2 /NDF: 14.1/9

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.919+/-0.031 χ^2/NDF : 3249821.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.256+/-0.036 χ^2/NDF : 3529446.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

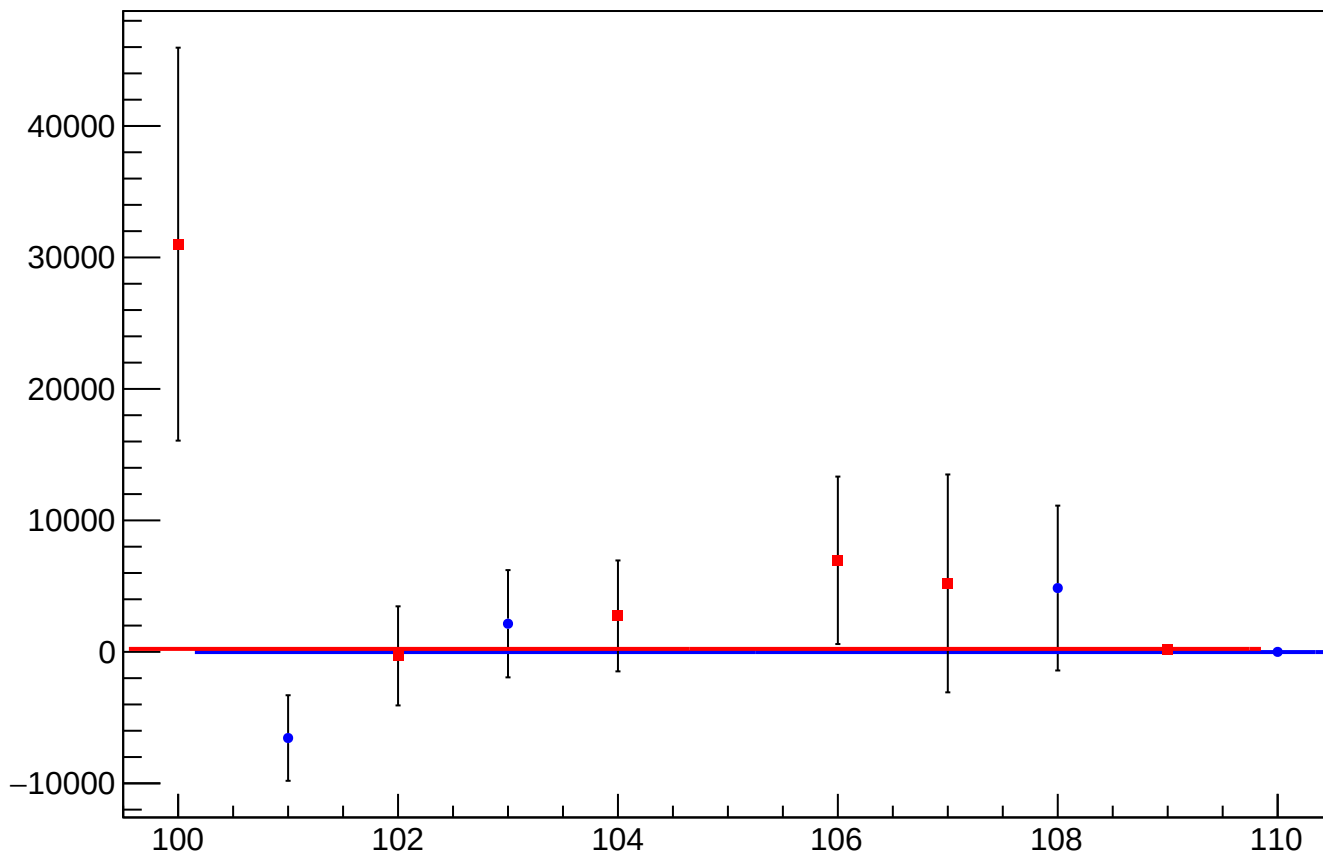
Right: 28.061+/-0.024 χ^2/NDF : 6779317.6/9

In: 27.919+/-0.031 χ^2/NDF : 3249821.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.061+/-0.024 χ^2/NDF : 6779317.6/9

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -14.929+/-198.477 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.044+/-214.102 χ^2/NDF : 6.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

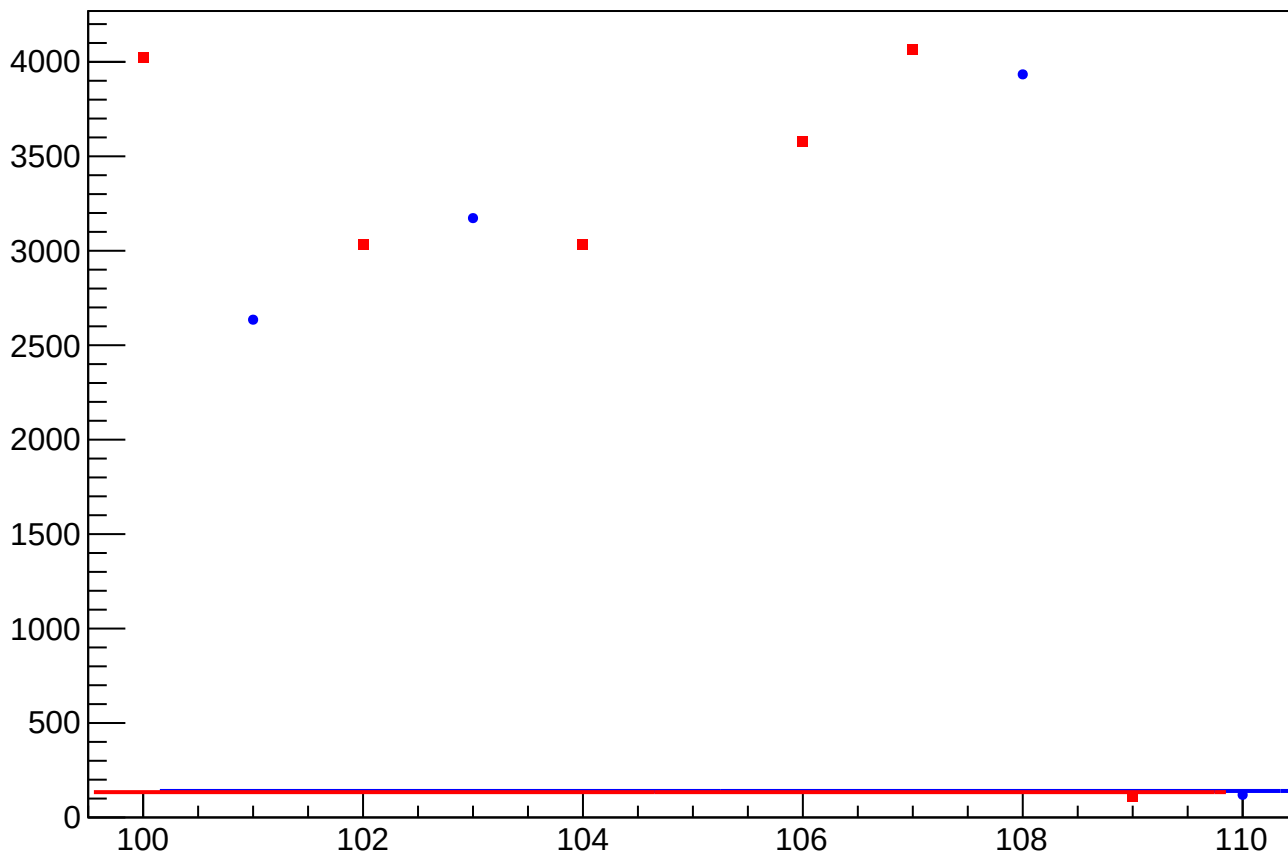
Right: 96.445+/-145.555 χ^2/NDF : 11.7/9

In: -14.929+/-198.477 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.445+/-145.555 χ^2/NDF : 11.7/9

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 140.227+/-0.140 χ^2/NDF : 3034204.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.037+/-0.151 χ^2/NDF : 3326826.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

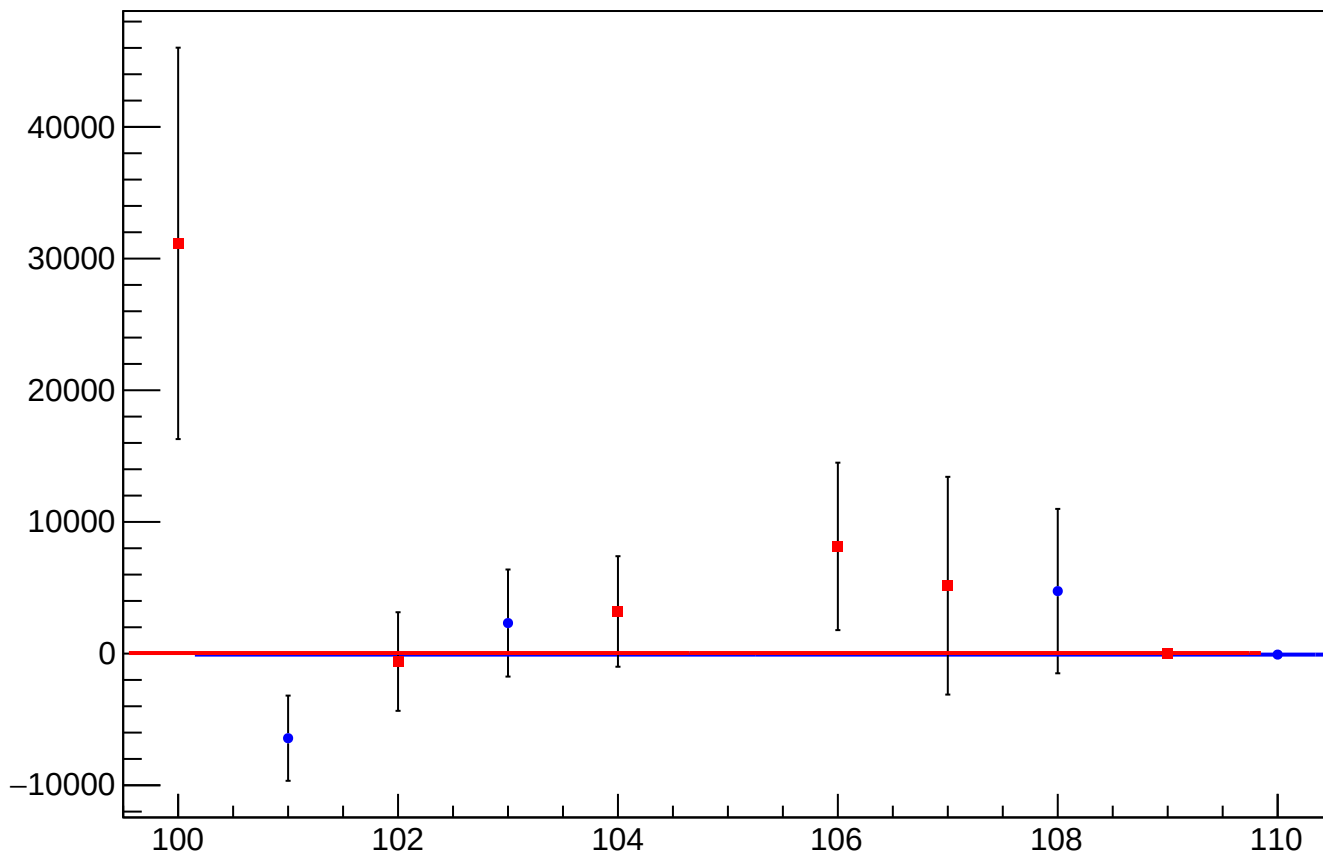
Right: 137.366+/-0.103 χ^2/NDF : 6361930.6/9

In: 140.227+/-0.140 χ^2/NDF : 3034204.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.366+/-0.103 χ^2/NDF : 6361930.6/9

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -76.402 $\pm$ 54.628 χ^2 /NDF: 4.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.669 $\pm$ 63.828 χ^2 /NDF: 7.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

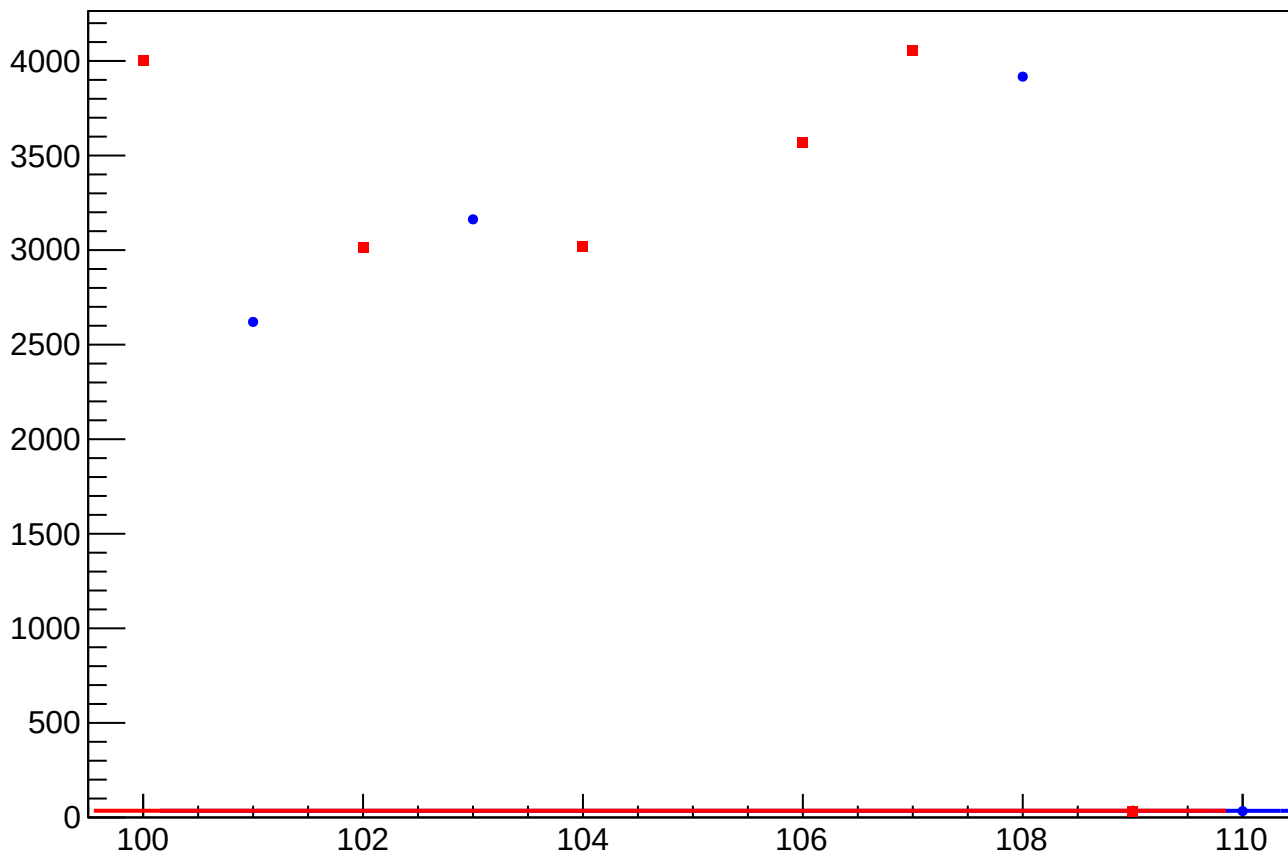
Right: -25.636 $\pm$ 41.503 χ^2 /NDF: 13.8/9

In: -76.402 $\pm$ 54.628 χ^2 /NDF:4.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.636 $\pm$ 41.503 χ^2 /NDF: 13.8/9

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 35.108+/-0.039 χ^2/NDF : 3235005.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.611+/-0.045 χ^2/NDF : 3514212.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

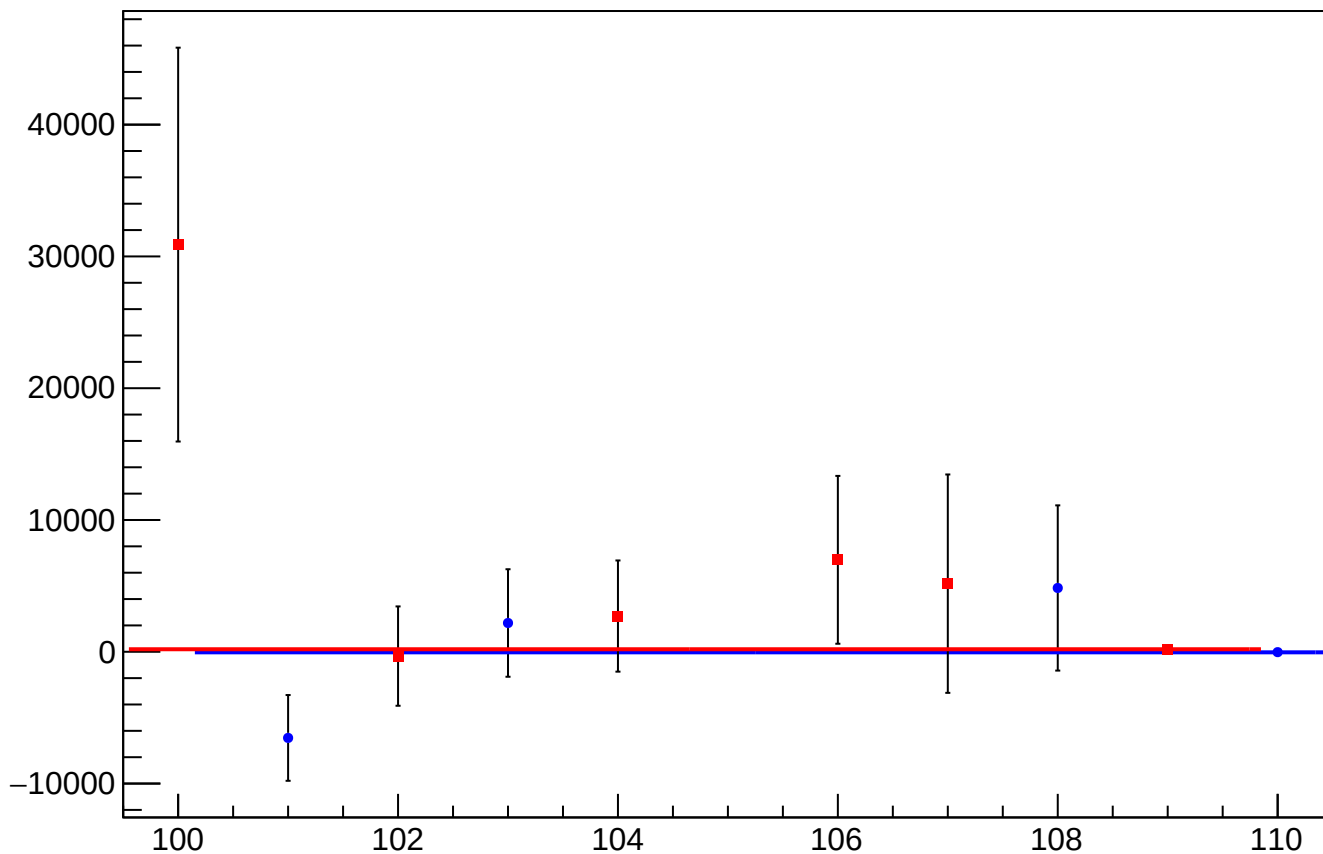
Right: 35.320+/-0.029 χ^2/NDF : 6749290.7/9

In: 35.108+/-0.039 χ^2/NDF : 3235005.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.320+/-0.029 χ^2/NDF : 6749290.7/9

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -41.999+/-195.586 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 191.711+/-210.885 χ^2/NDF : 6.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

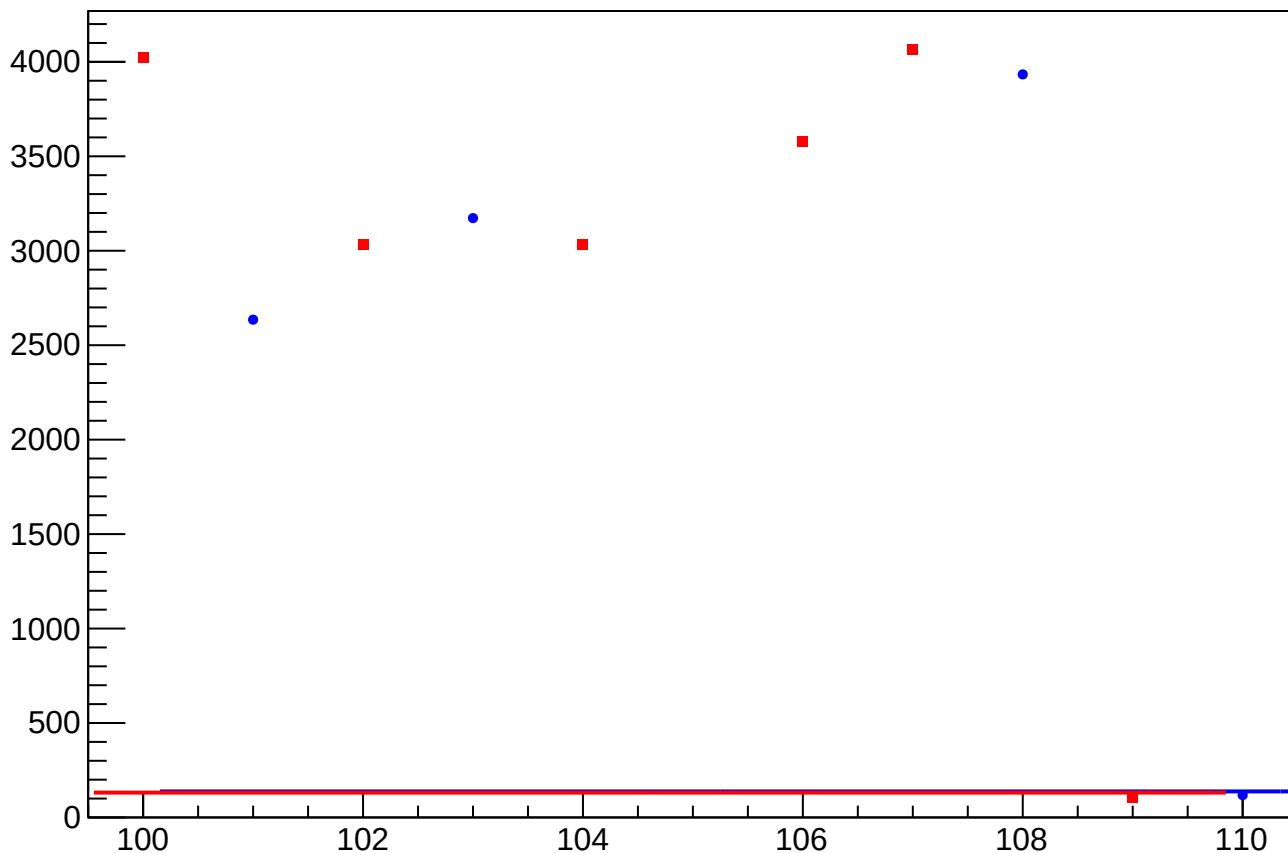
Right: 66.072+/-143.404 χ^2/NDF : 11.7/9

In: -41.999+/-195.586 χ^2/NDF :4.9/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 66.072+/-143.404 χ^2/NDF : 11.7/9

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 137.872 $\pm$ 0.138 χ^2 /NDF: 3038470.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 131.576 $\pm$ 0.149 χ^2 /NDF: 3331290.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

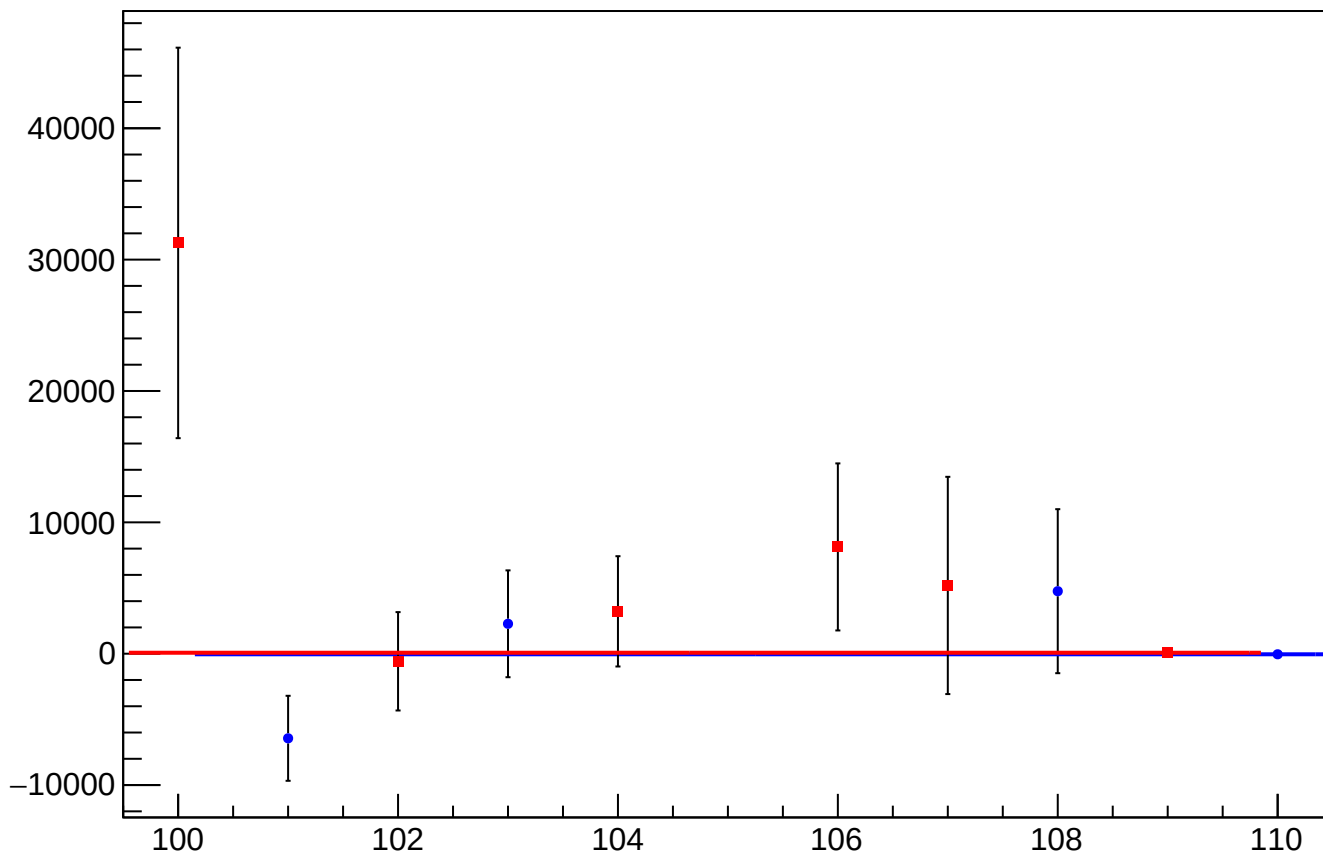
Right: 134.960 $\pm$ 0.101 χ^2 /NDF: 6370719.4/9

In: 137.872 $\pm$ 0.138 χ^2 /NDF:3038470.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.960 $\pm$ 0.101 χ^2 /NDF: 6370719.4/9

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -44.367 $\pm$ 51.081 χ^2 /NDF: 4.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 73.132 $\pm$ 59.574 χ^2 /NDF: 7.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

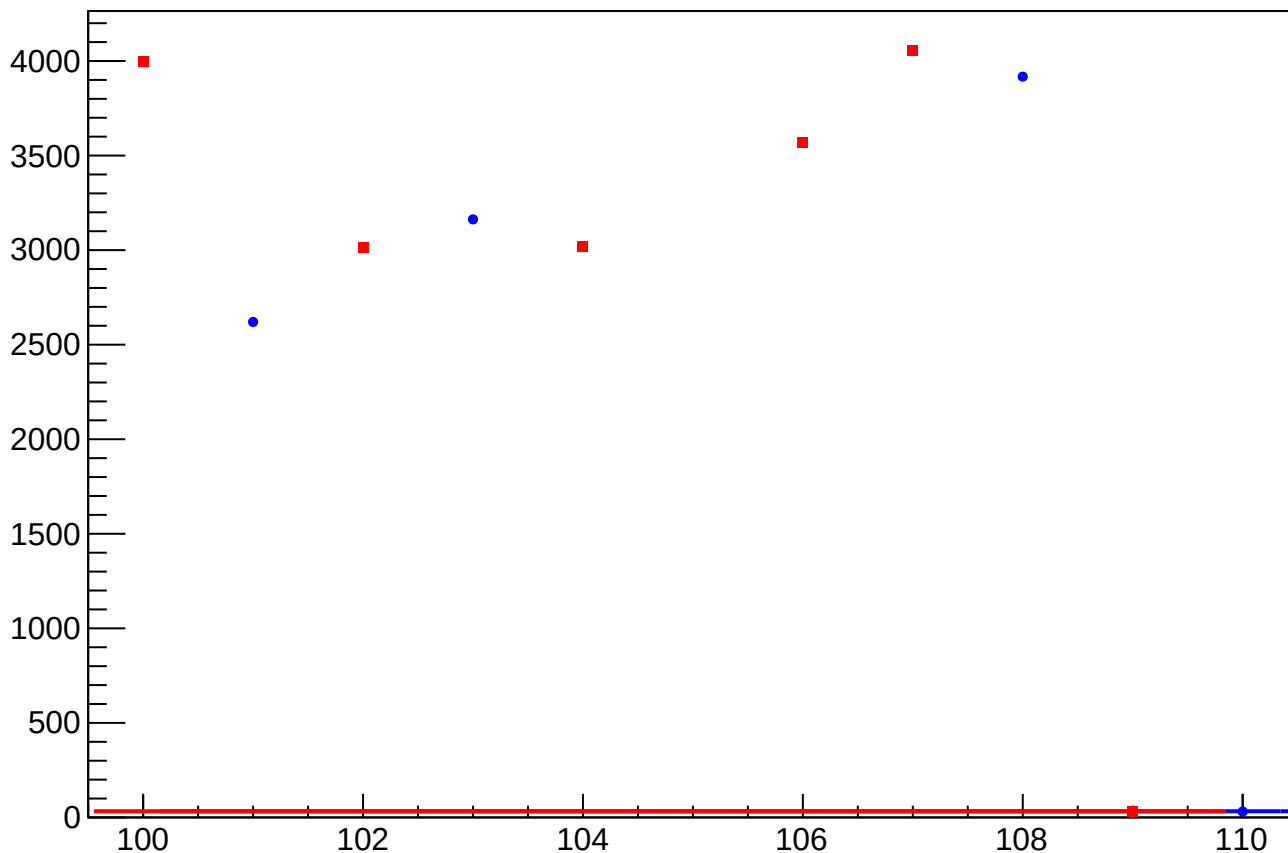
Right: 5.417 $\pm$ 38.778 χ^2 /NDF: 14.1/9

In: -44.367 $\pm$ 51.081 χ^2 /NDF:4.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.417 $\pm$ 38.778 χ^2 /NDF: 14.1/9

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 32.732 $\pm$ 0.036 χ^2 /NDF: 3239884.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.078 $\pm$ 0.042 χ^2 /NDF: 3519439.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

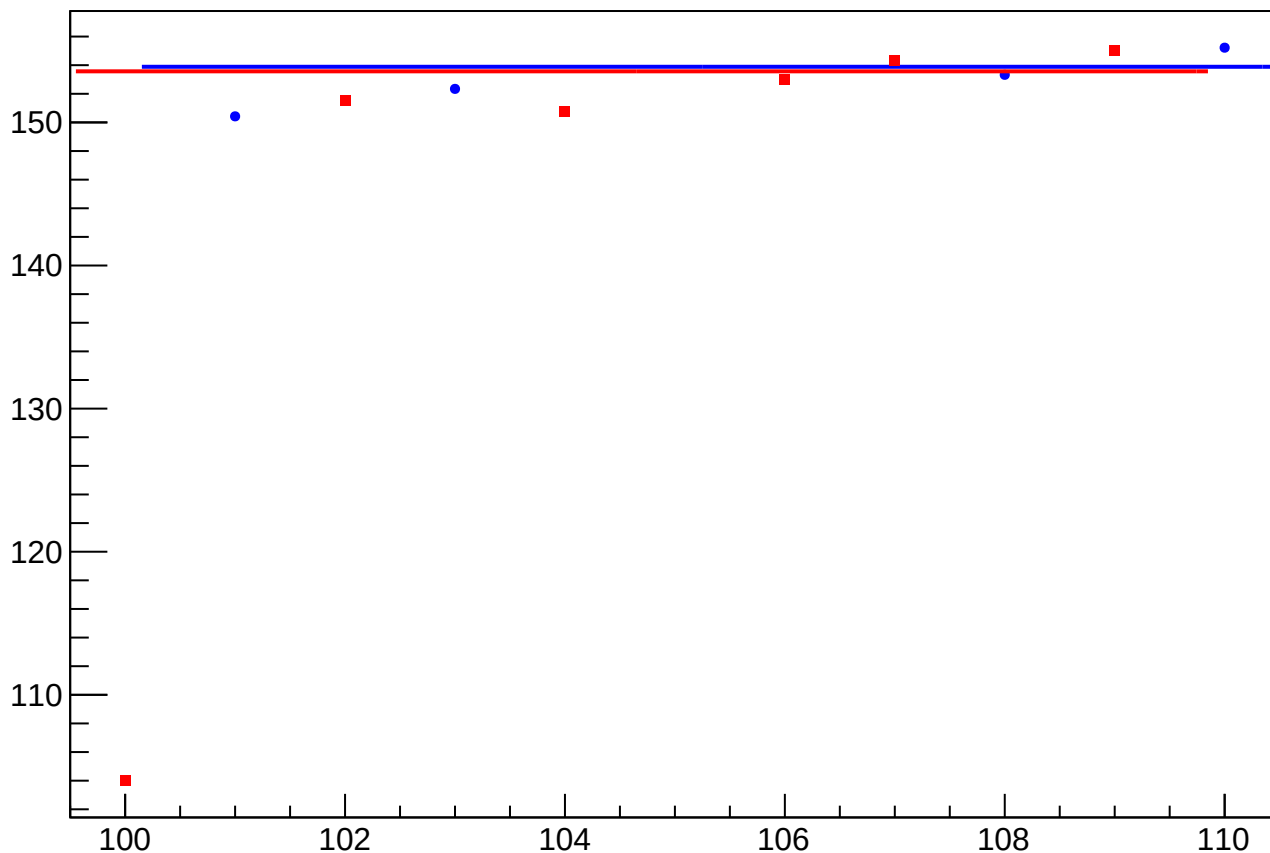
Right: 32.879 $\pm$ 0.027 χ^2 /NDF: 6759362.8/9

In: 32.732 $\pm$ 0.036 χ^2 /NDF: 3239884.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.879 $\pm$ 0.027 χ^2 /NDF: 6759362.8/9

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 153.888+/-0.000 χ^2/NDF : 18475644.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.570+/-0.000 χ^2/NDF : 240819627.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

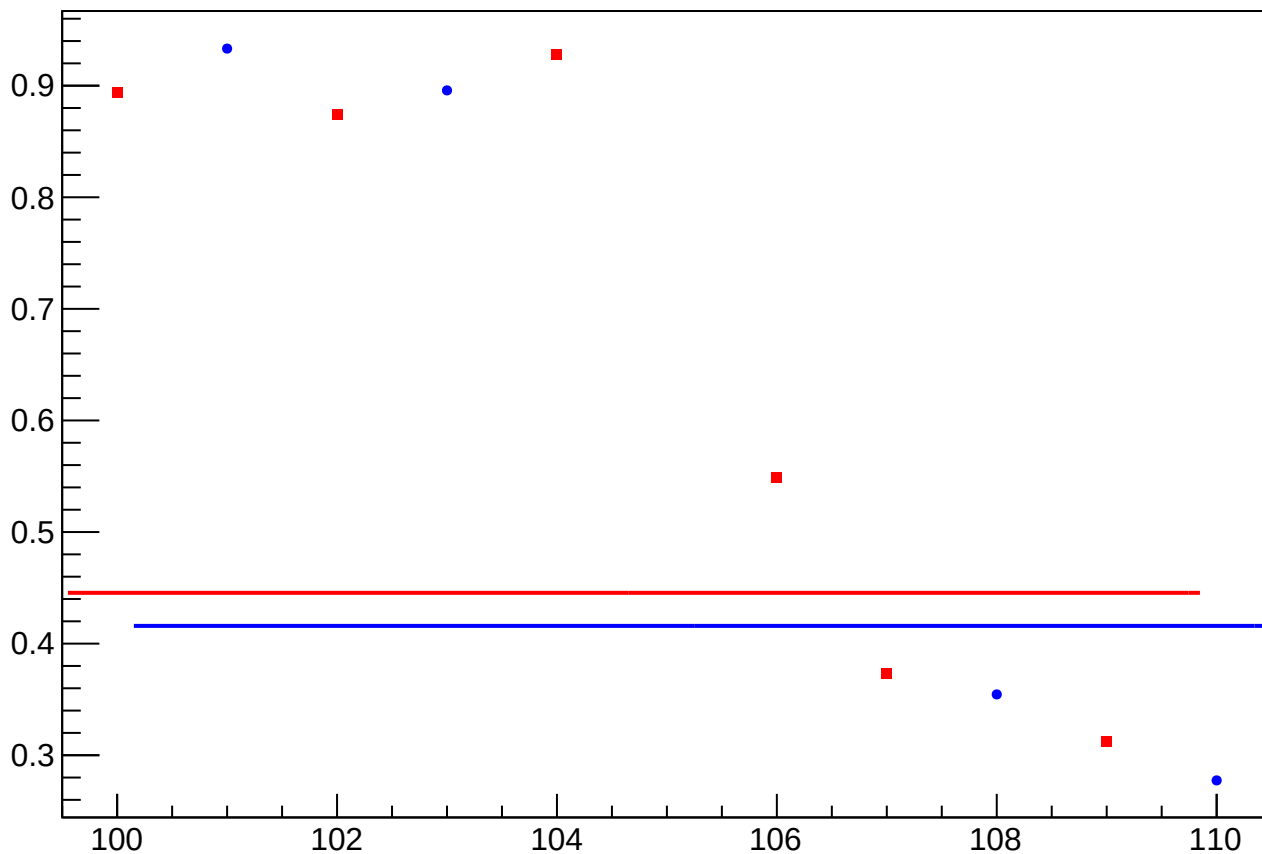
Right: 153.724+/-0.000 χ^2/NDF : 259732308.9/9

In: 153.888+/-0.000 χ^2/NDF : 18475644.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.724+/-0.000 χ^2/NDF : 259732308.9/9

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.416+/-0.000 χ^2/NDF : 903032.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.446+/-0.000 χ^2/NDF : 821197.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

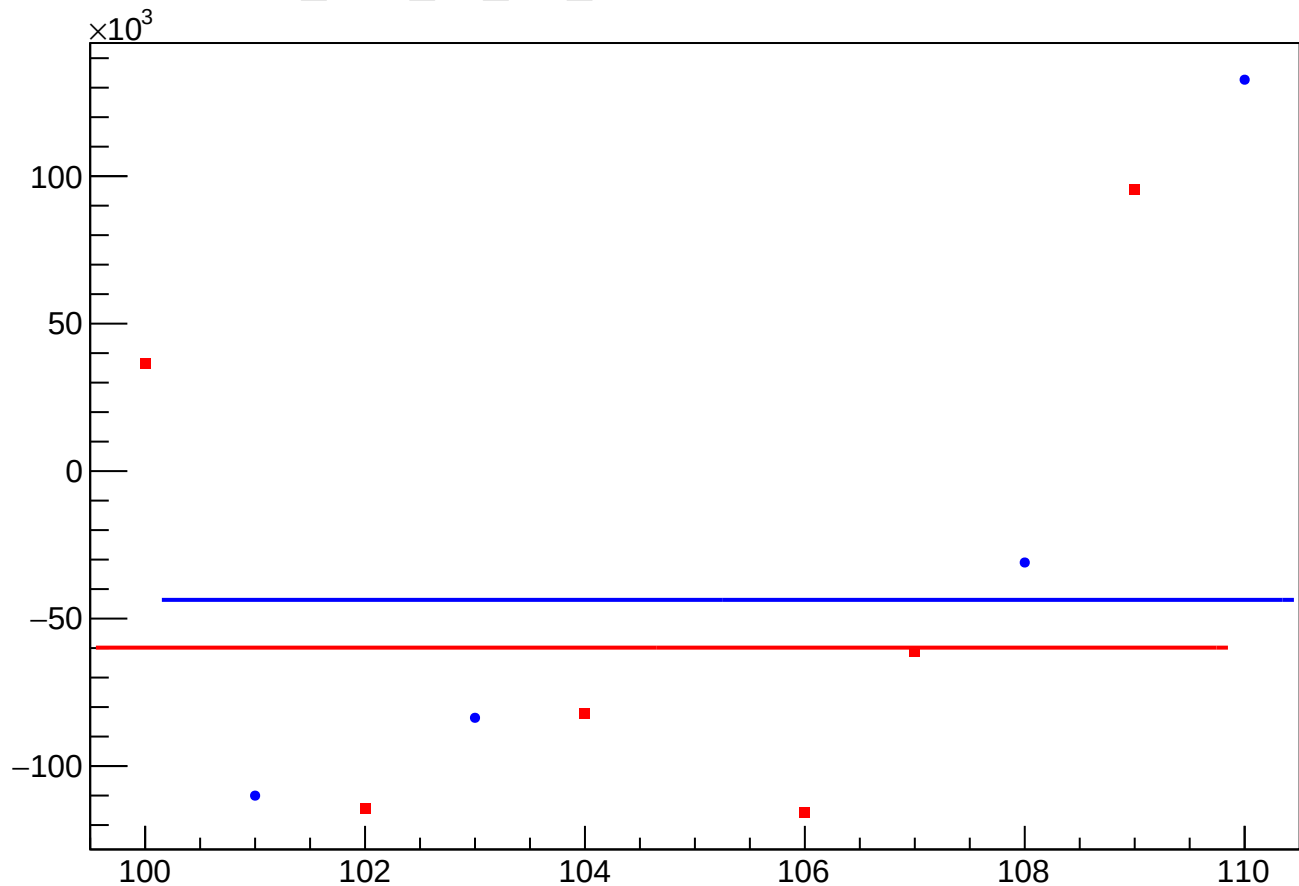
Right: 0.431+/-0.000 χ^2/NDF : 1731811.8/9

In: 0.416+/-0.000 χ^2/NDF : 903032.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

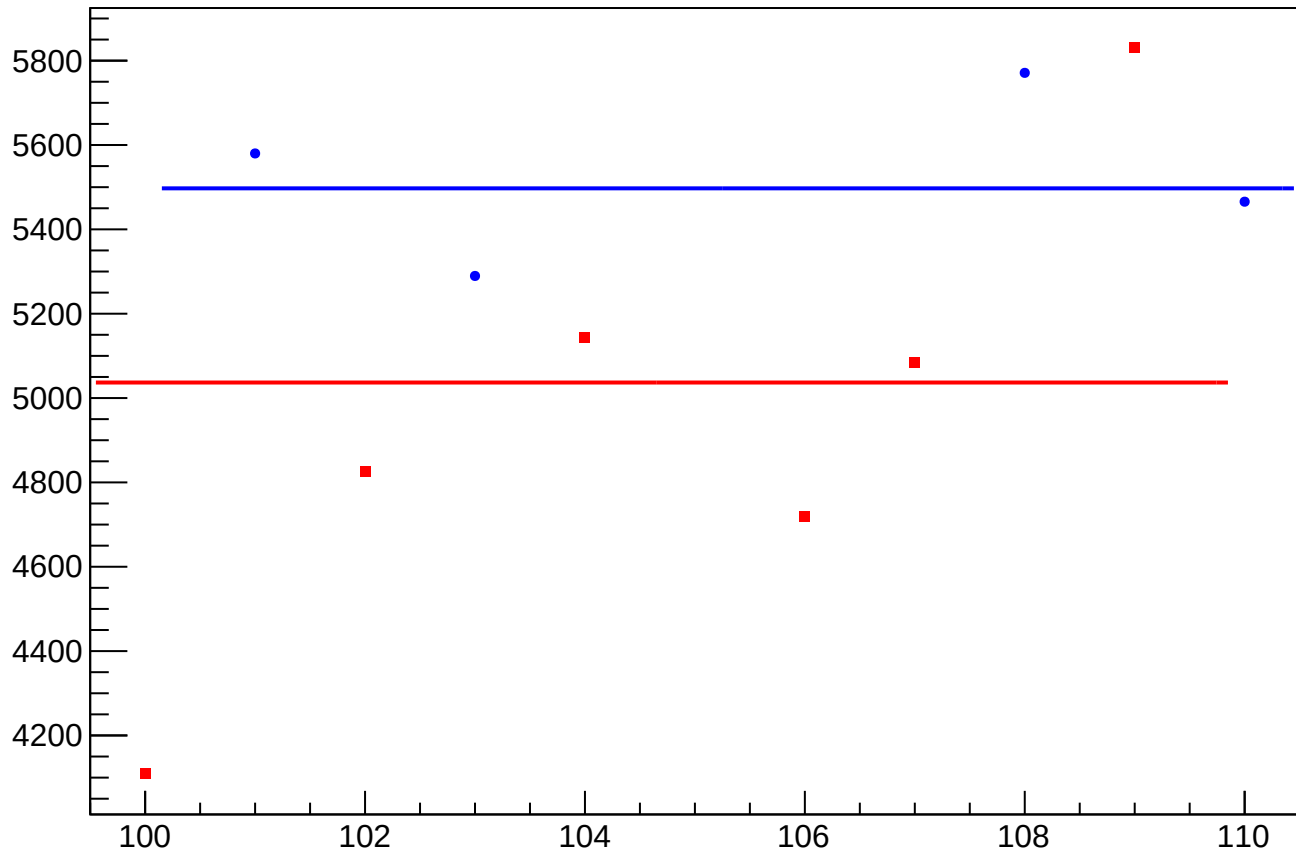
All: 0.431+/-0.000 χ^2/NDF : 1731811.8/9

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: -43654.440 $\pm$ 3.966 χ^2 /NDF: 483969467.6/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -59848.875 $\pm$ 3.378 χ^2 /NDF: 530364030.9/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -43654.440 $\pm$ 3.966 χ^2 /NDF: 483969467.6/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -53039.958 $\pm$ 2.572 χ^2 /NDF: 1023994985.3/3

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5497.232+/-2.805 χ^2/NDF : 3733.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5036.827+/-2.389 χ^2/NDF : 31687.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

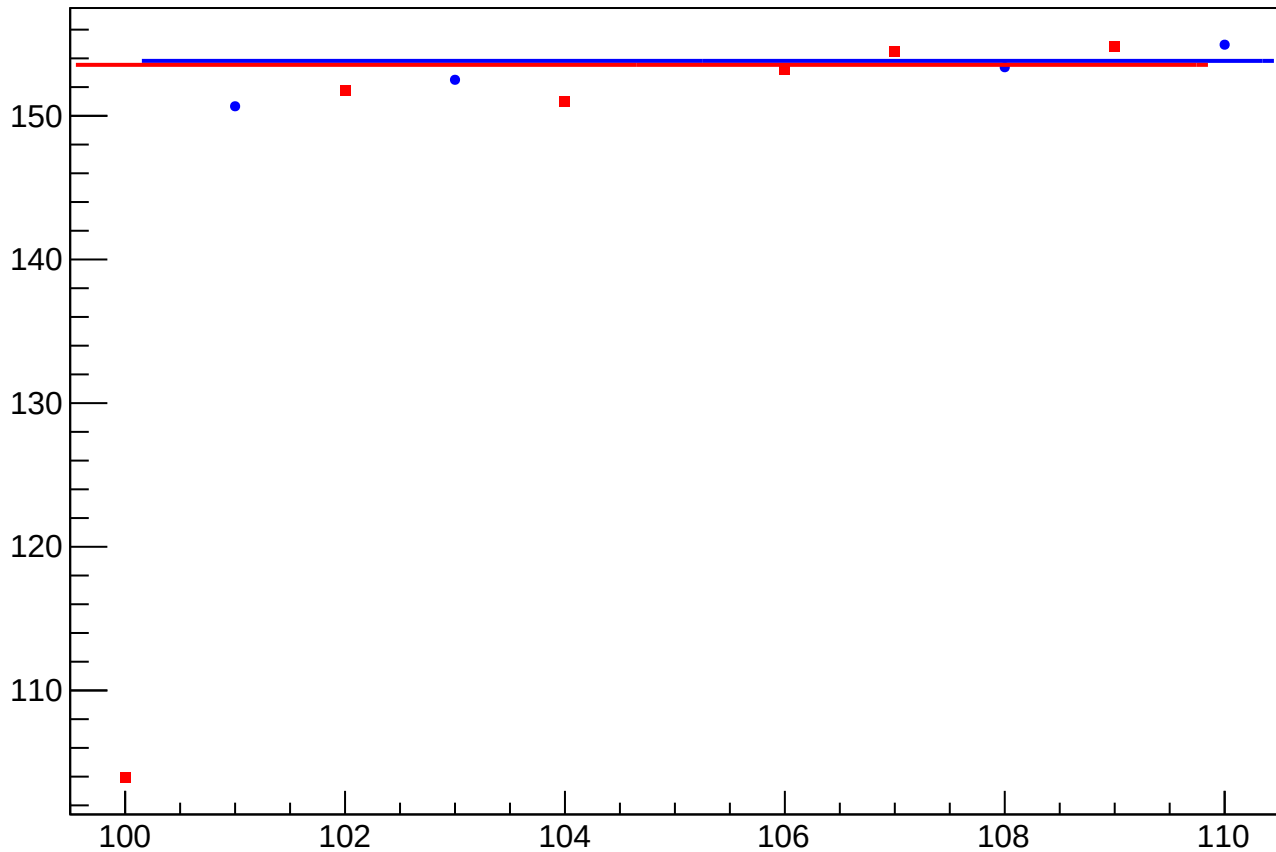
Right: 5230.403+/-1.819 χ^2/NDF : 51039.0/9

In: 5497.232+/-2.805 χ^2/NDF : 3733.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5230.403+/-1.819 χ^2/NDF : 51039.0/9

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 153.825+/-0.000 χ^2/NDF : 14409035.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.549+/-0.000 χ^2/NDF : 238454128.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

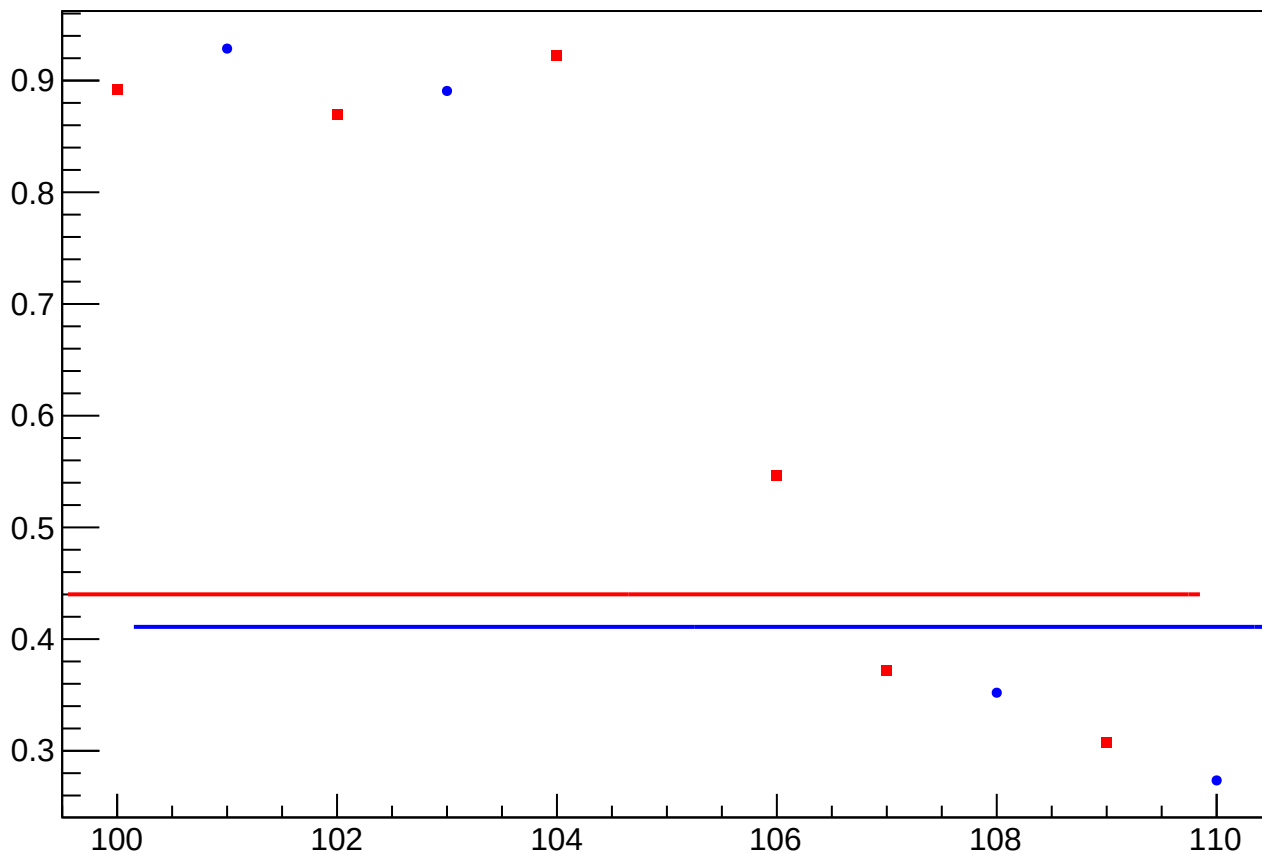
Right: 153.683+/-0.000 χ^2/NDF : 253199725.3/9

In: 153.825+/-0.000 χ^2/NDF : 14409035.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.683+/-0.000 χ^2/NDF : 253199725.3/9

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.411+/-0.000 χ^2/NDF : 911979.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.440+/-0.000 χ^2/NDF : 832953.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

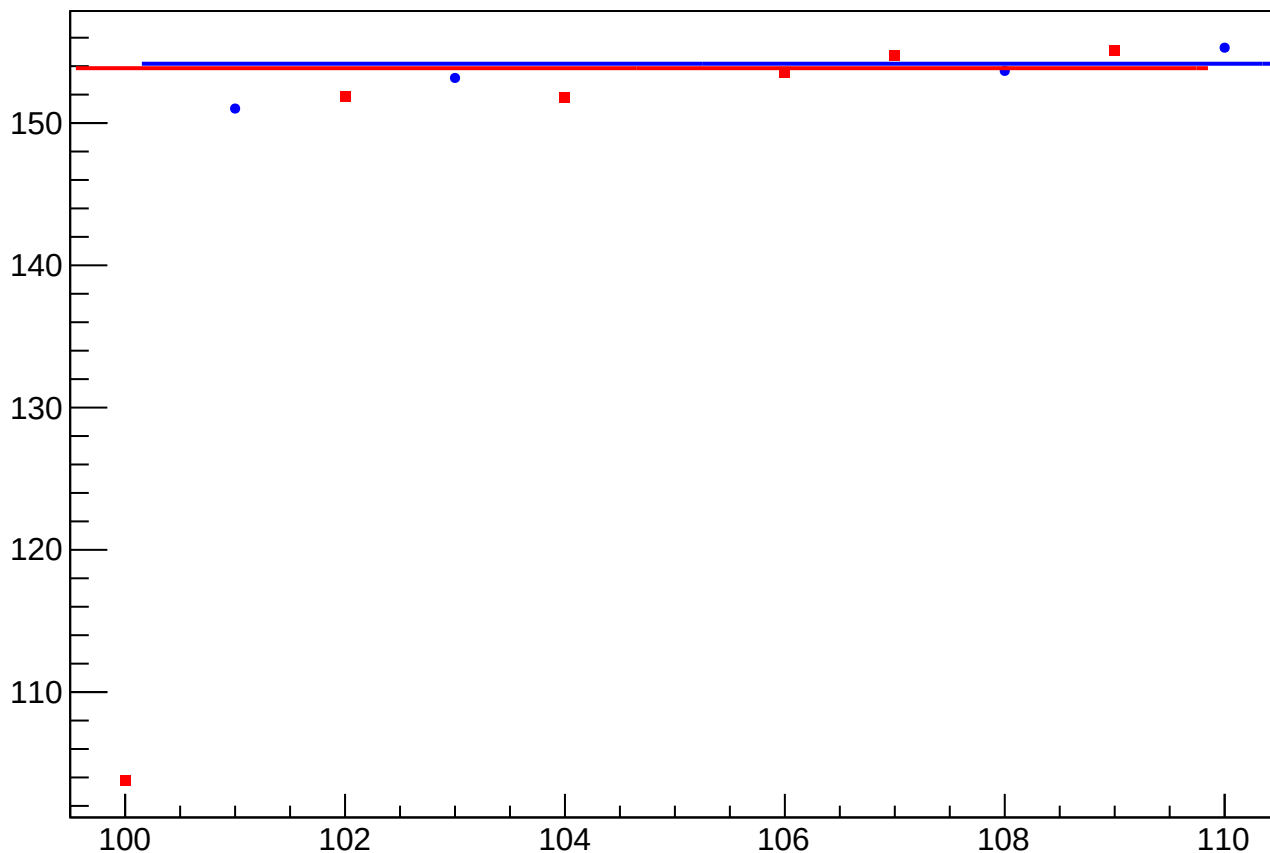
Right: 0.426+/-0.000 χ^2/NDF : 1752411.5/9

In: 0.411+/-0.000 χ^2/NDF : 911979.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.426+/-0.000 χ^2/NDF : 1752411.5/9

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 154.171+/-0.000 χ^2/NDF : 13668459.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.858+/-0.000 χ^2/NDF : 237962282.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

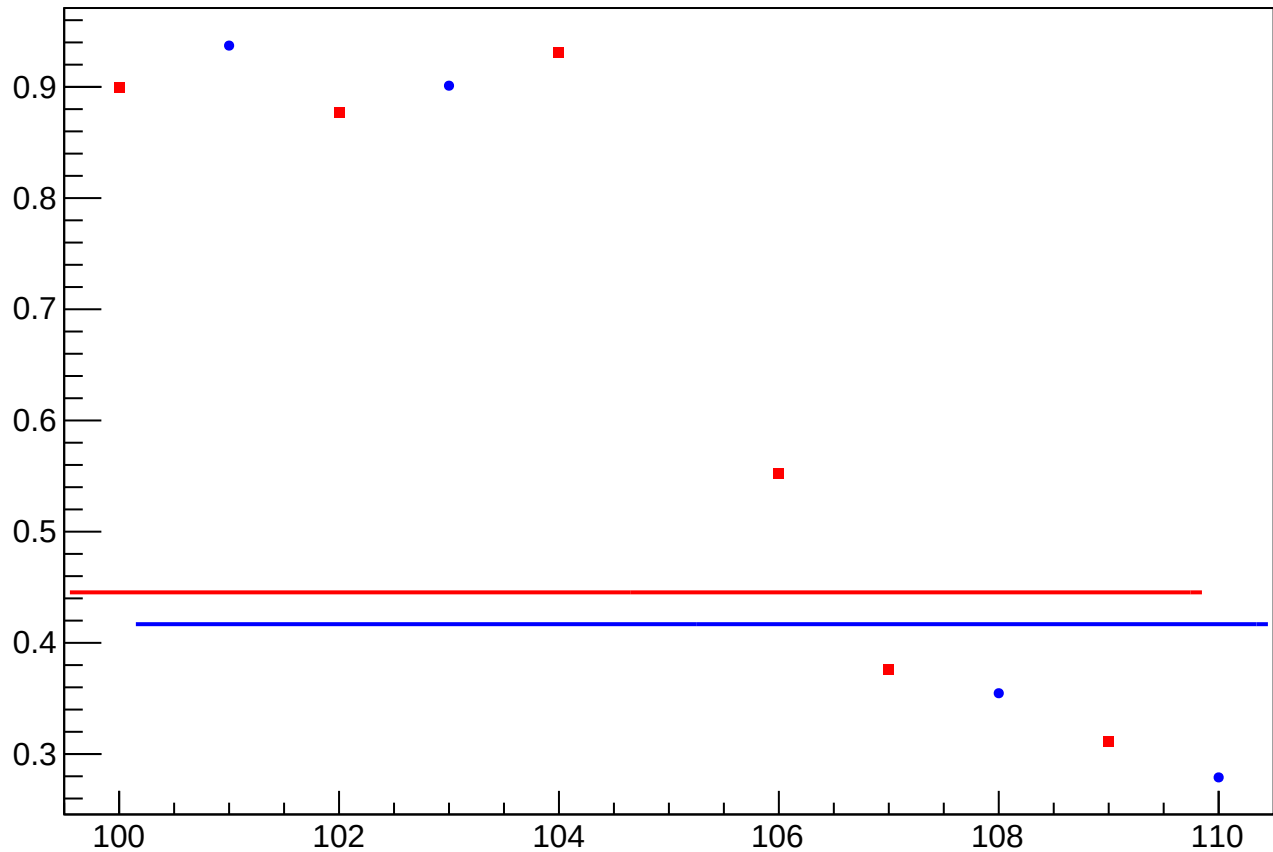
Right: 154.009+/-0.000 χ^2/NDF : 252052589.8/9

In: 154.171+/-0.000 χ^2/NDF : 13668459.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.009+/-0.000 χ^2/NDF : 252052589.8/9

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.417+/-0.000 χ^2/NDF : 905186.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.445+/-0.000 χ^2/NDF : 828554.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

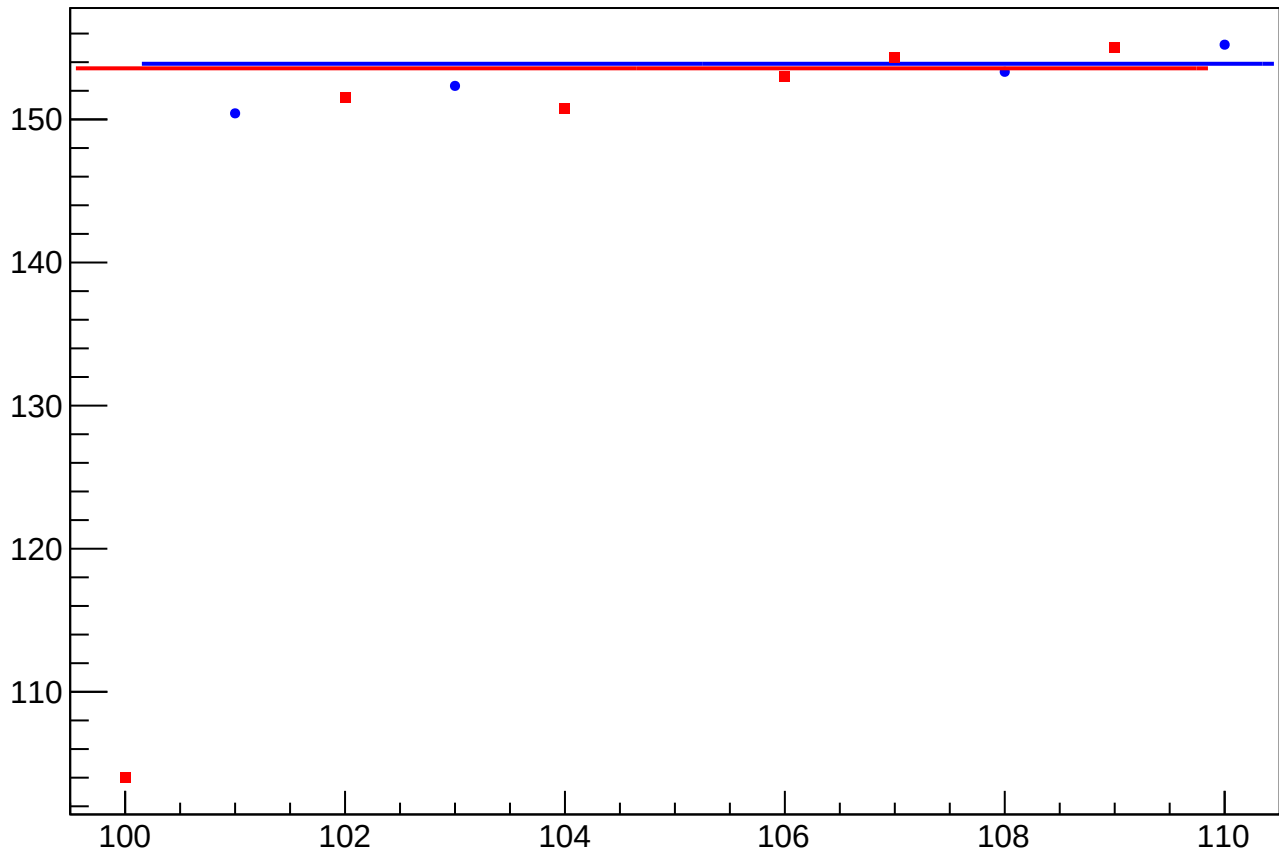
Right: 0.432+/-0.000 χ^2/NDF : 1740798.4/9

In: 0.417+/-0.000 χ^2/NDF : 905186.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.432+/-0.000 χ^2/NDF : 1740798.4/9

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 153.888+/-0.000 χ^2/NDF : 18475644.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.570+/-0.000 χ^2/NDF : 240819627.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

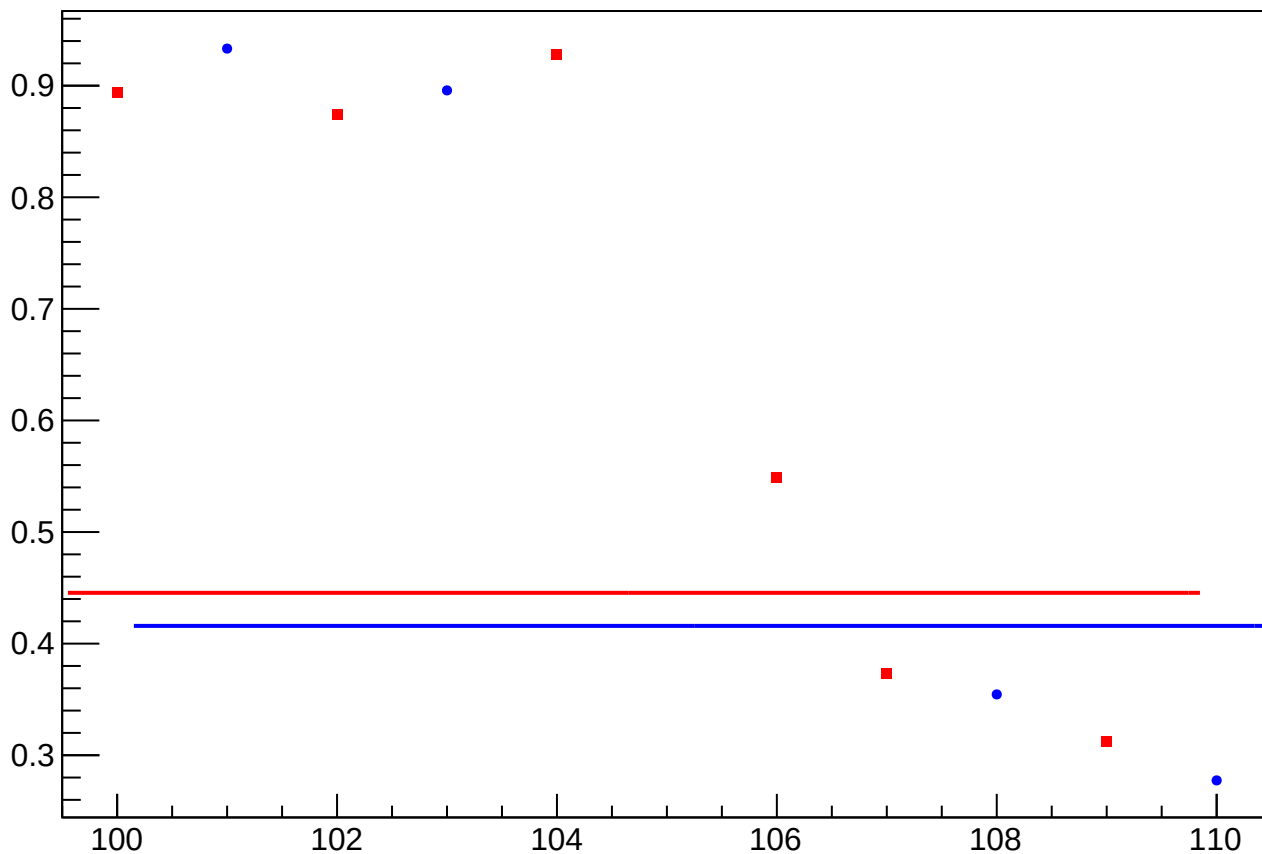
Right: 153.724+/-0.000 χ^2/NDF : 259732308.9/9

In: 153.888+/-0.000 χ^2/NDF : 18475644.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.724+/-0.000 χ^2/NDF : 259732308.9/9

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.416+/-0.000 χ^2/NDF : 903032.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.446+/-0.000 χ^2/NDF : 821197.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

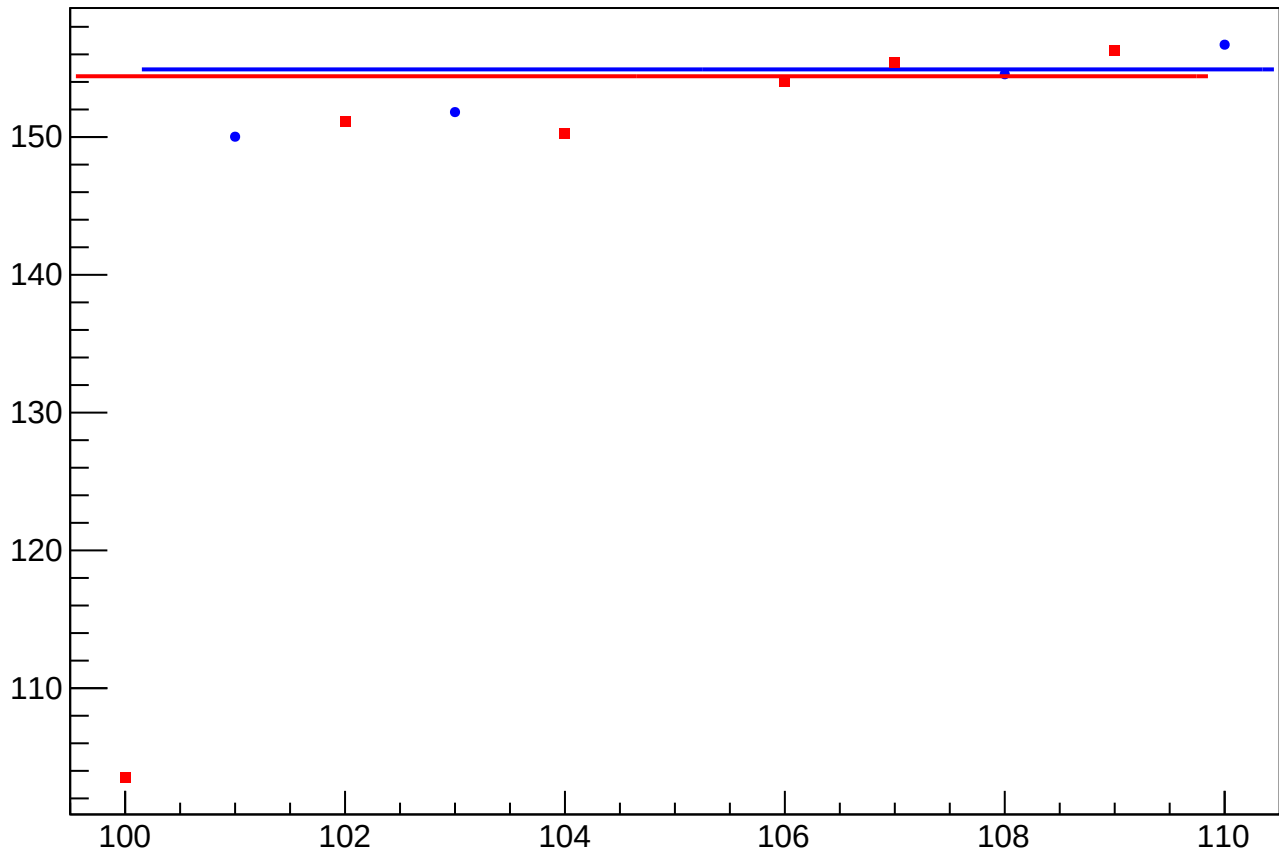
Right: 0.431+/-0.000 χ^2/NDF : 1731811.8/9

In: 0.416+/-0.000 χ^2/NDF : 903032.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.431+/-0.000 χ^2/NDF : 1731811.8/9

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 154.910+/-0.000 χ^2/NDF : 36666934.0/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 154.412+/-0.000 χ^2/NDF : 267165828.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

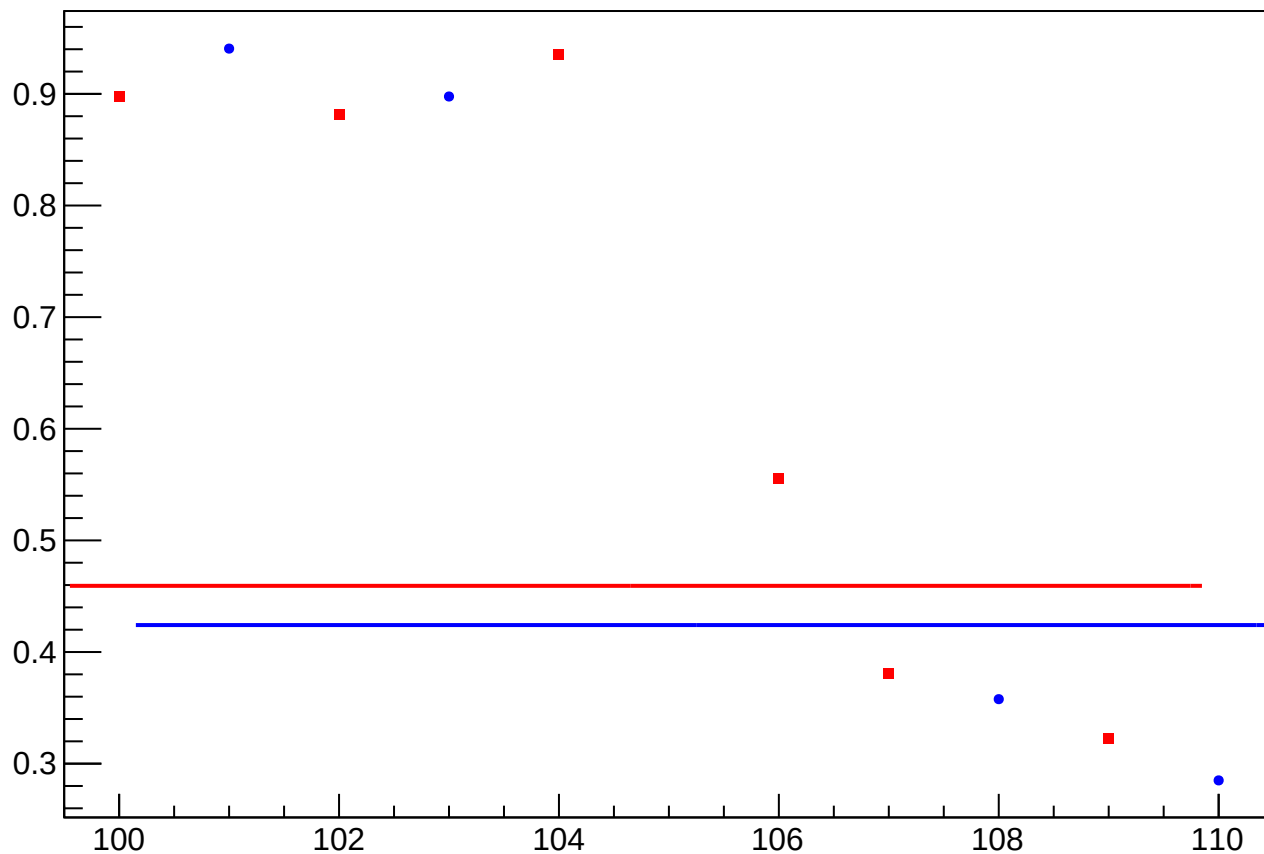
Right: 154.656+/-0.000 χ^2/NDF : 304857269.1/9

In: 154.910+/-0.000 χ^2/NDF :36666934.0/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 154.656+/-0.000 χ^2/NDF : 304857269.1/9

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.424+/-0.000 χ^2/NDF : 882874.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.459+/-0.000 χ^2/NDF : 788285.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

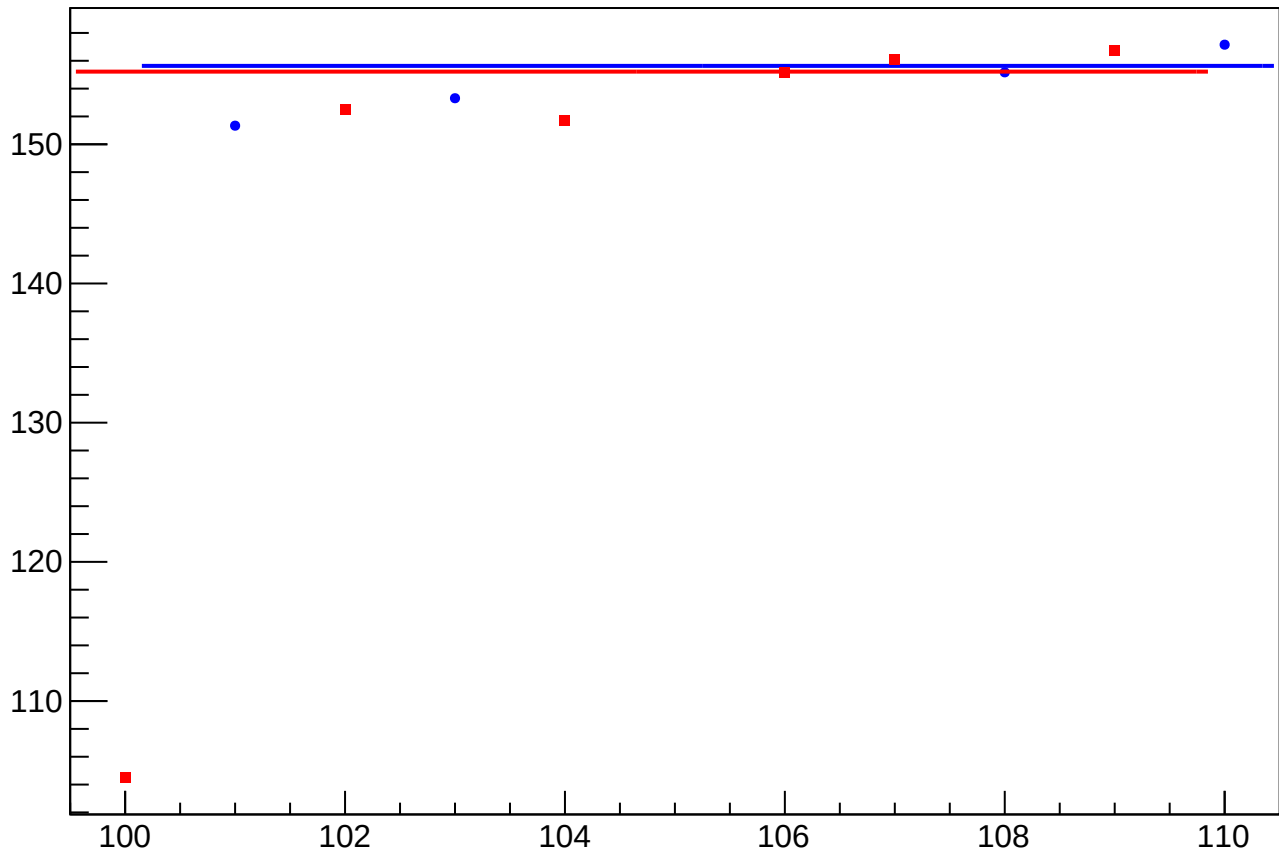
Right: 0.442+/-0.000 χ^2/NDF : 1681383.4/9

In: 0.424+/-0.000 χ^2/NDF : 882874.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.442+/-0.000 χ^2/NDF : 1681383.4/9

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 155.634+/-0.000 χ^2/NDF : 26415145.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 155.221+/-0.000 χ^2/NDF : 249130261.7/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

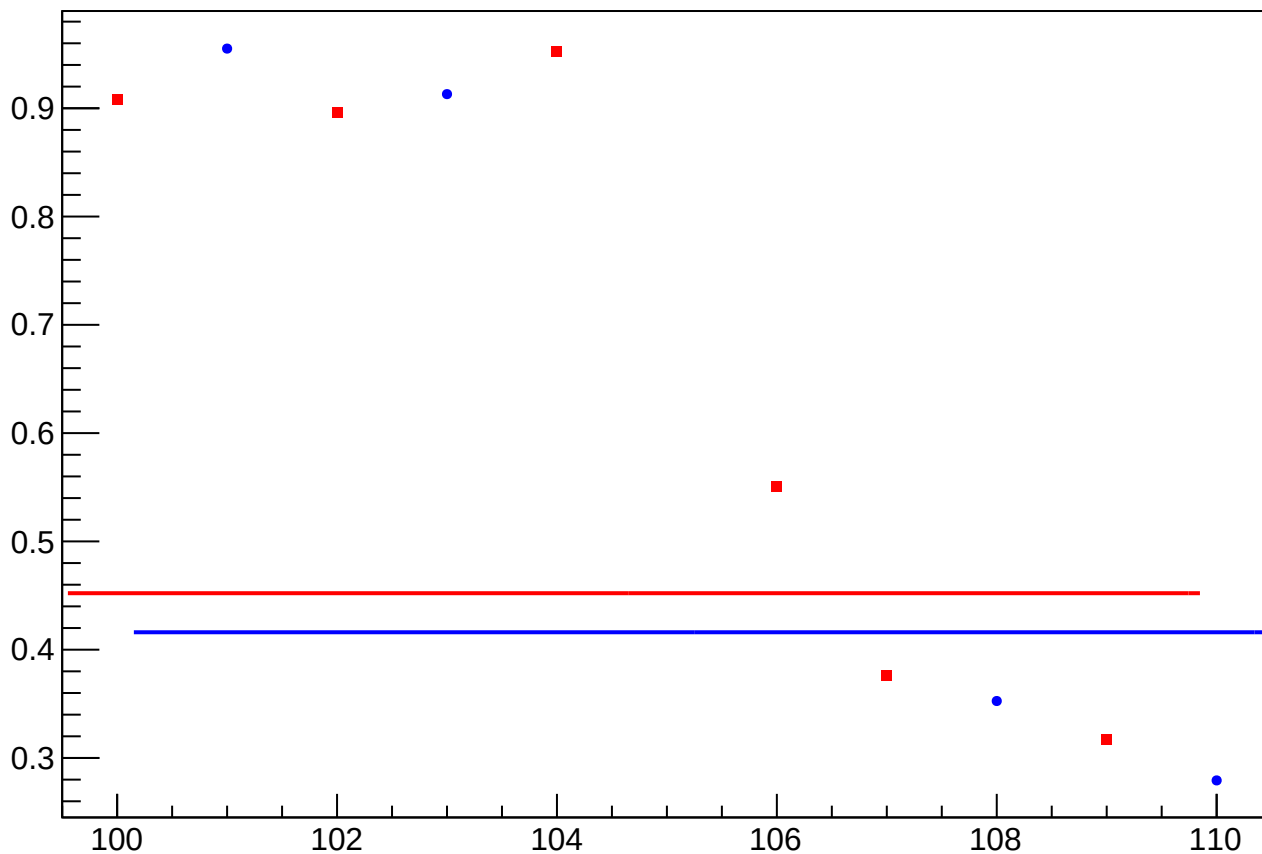
Right: 155.424+/-0.000 χ^2/NDF : 276264862.4/9

In: 155.634+/-0.000 χ^2/NDF :26415145.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 155.424+/-0.000 χ^2/NDF : 276264862.4/9

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.416+/-0.000 χ^2/NDF : 925221.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.452+/-0.000 χ^2/NDF : 830050.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

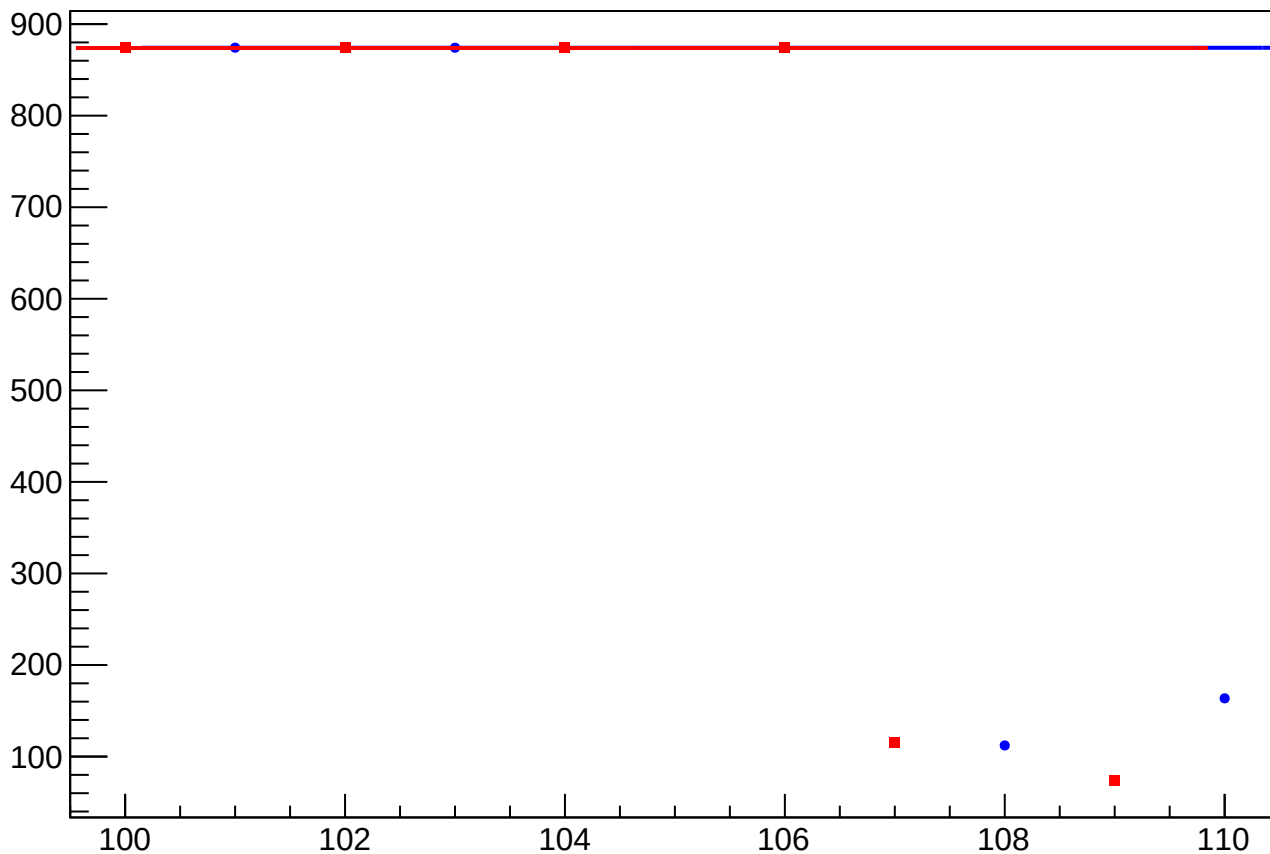
Right: 0.434+/-0.000 χ^2/NDF : 1766271.3/9

In: 0.416+/-0.000 χ^2/NDF : 925221.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

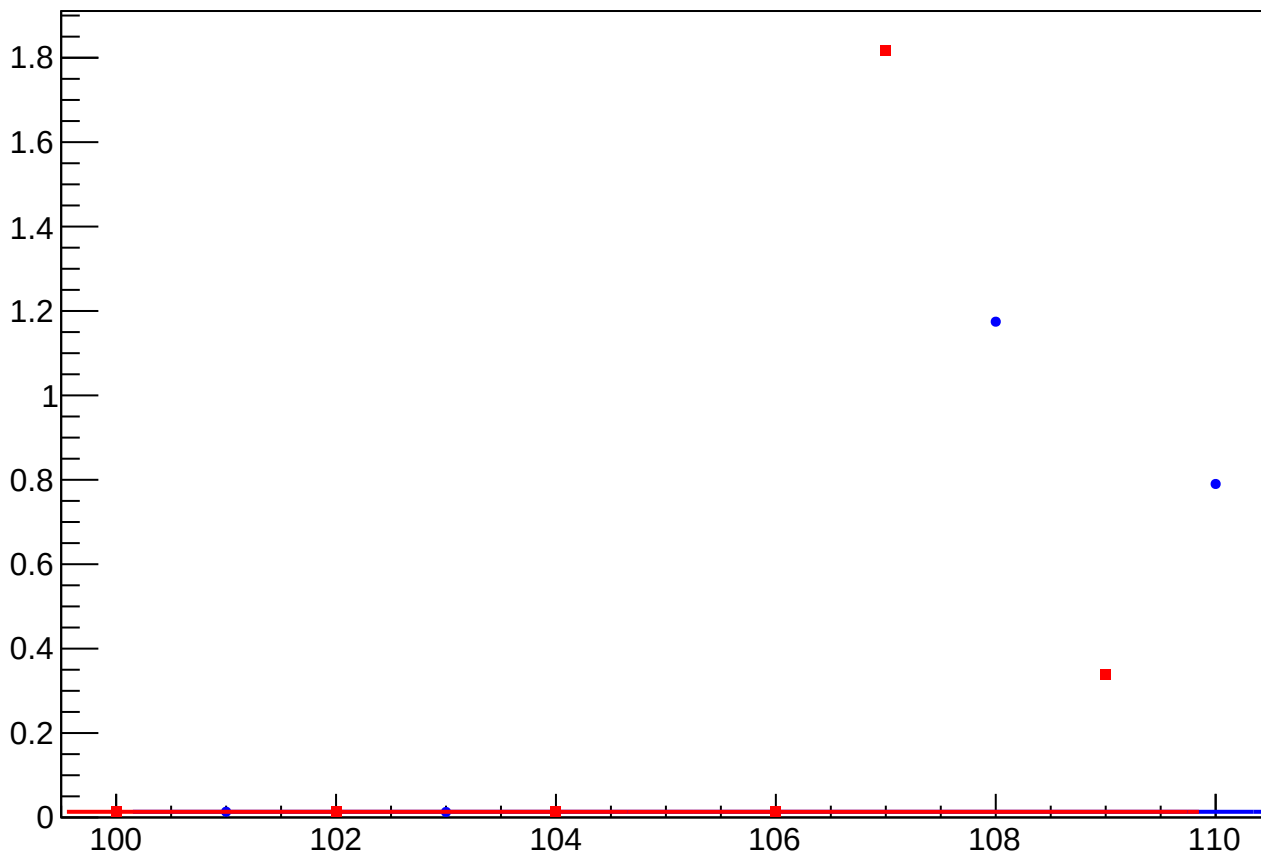
All: 0.434+/-0.000 χ^2/NDF : 1766271.3/9

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 874.148 $\pm$ 0.000 χ^2 /NDF: 398769049710.3/3
Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: 874.005 $\pm$ 0.000 χ^2 /NDF: 2422910056743.5
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
In: 874.148 $\pm$ 0.000 χ^2 /NDF: 398769049710.3/3
Right Out: 873.880 $\pm$ 0.000 χ^2 /NDF: 2023866450420.7/5
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: 874.005 $\pm$ 0.000 χ^2 /NDF: 2422910056743.5

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1244924.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 938667.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

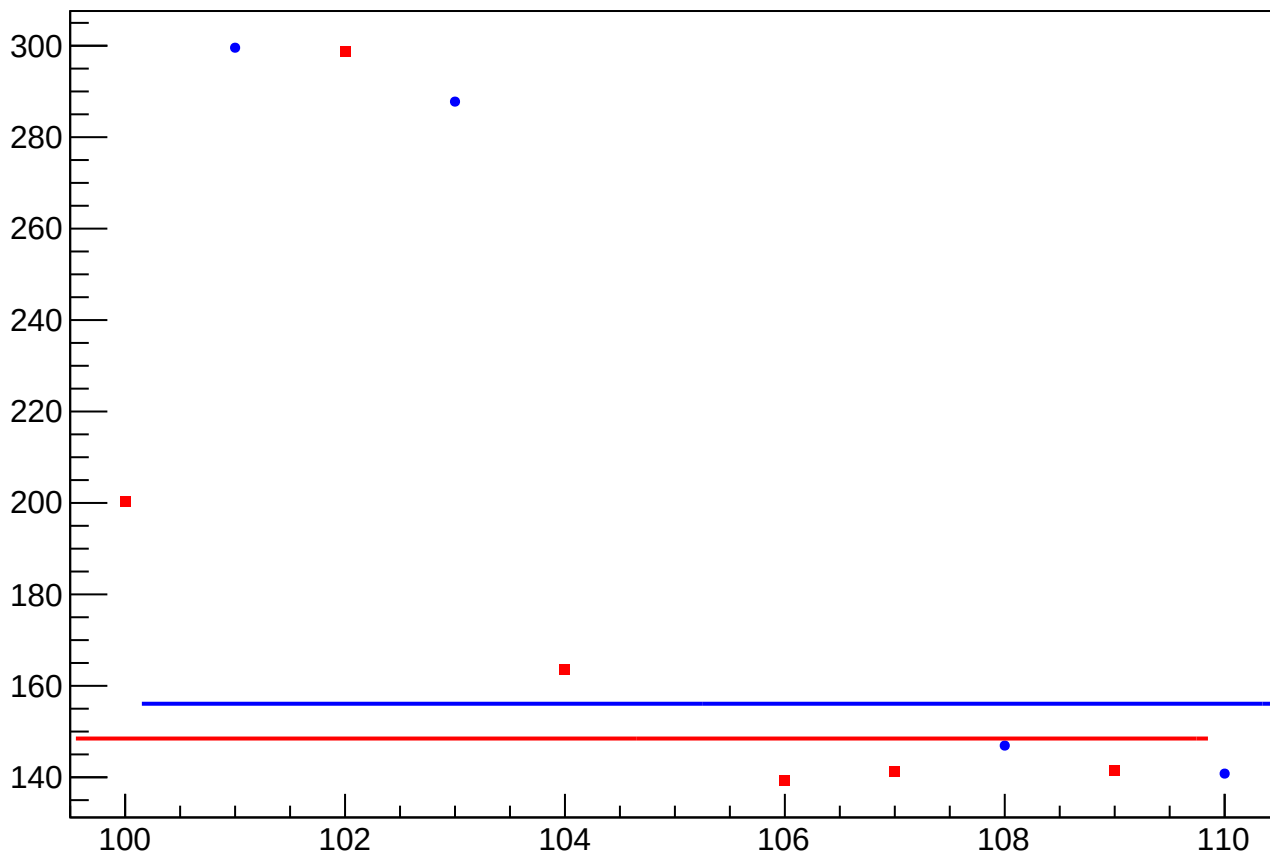
Right: 0.013+/-0.000 χ^2/NDF : 2183592.0/9

In: 0.013+/-0.000 χ^2/NDF : 1244924.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 2183592.0/9

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 156.083+/-0.002 χ^2/NDF : 543764530.3/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 148.475+/-0.002 χ^2/NDF : 205238272.7/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

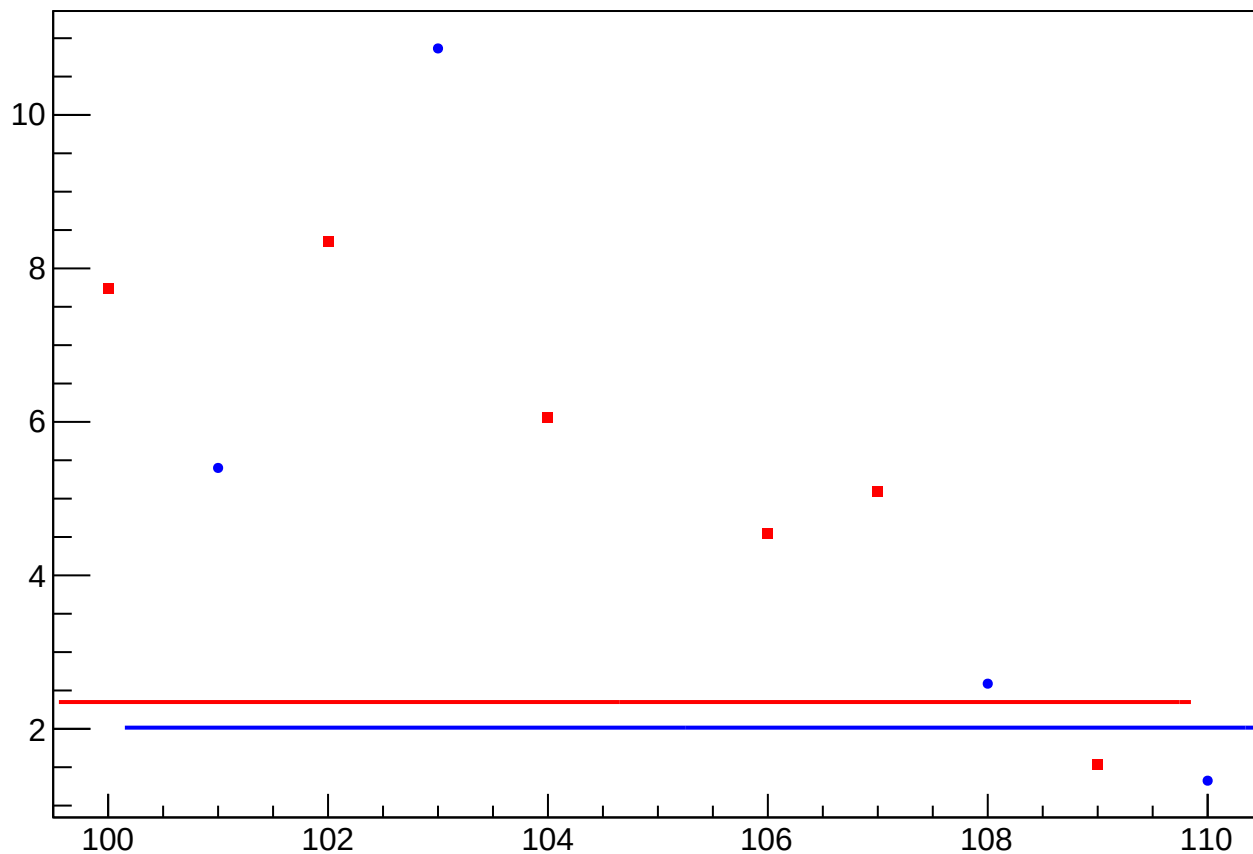
Right: 152.578+/-0.001 χ^2/NDF : 756262677.8/9

In: 156.083+/-0.002 χ^2/NDF :543764530.3/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 152.578+/-0.001 χ^2/NDF : 756262677.8/9

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 2.016+/-0.001 χ^2/NDF : 1462725.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.349+/-0.001 χ^2/NDF : 1512722.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

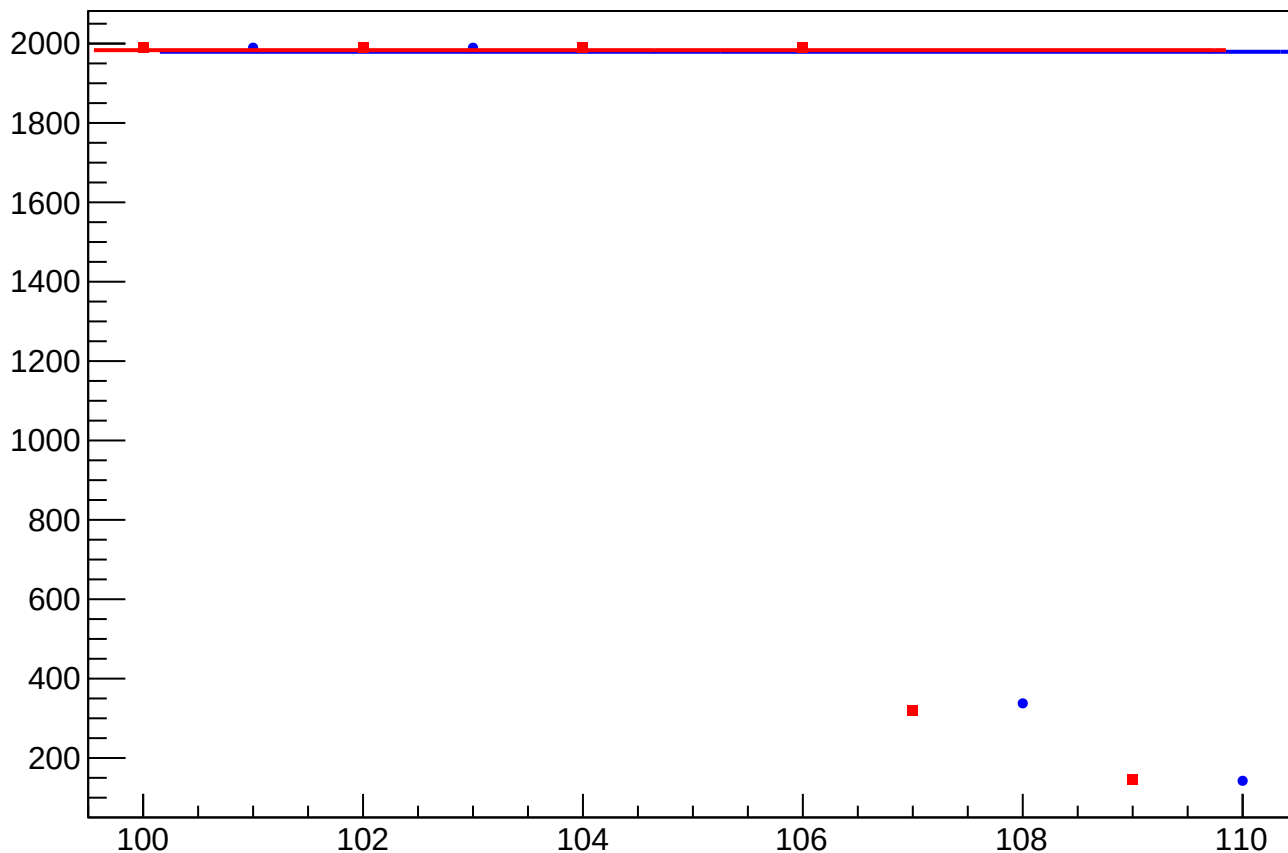
Right: 2.169+/-0.001 χ^2/NDF : 3003373.8/9

In: 2.016+/-0.001 χ^2/NDF : 1462725.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.169+/-0.001 χ^2/NDF : 3003373.8/9

yield_cav4dQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1981.525+/-0.000 χ^2/NDF : 17114573616537

In: 1979.318+/-0.000 χ^2/NDF : 9966869817781.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1981.525+/-0.000 χ^2/NDF : 17114573616

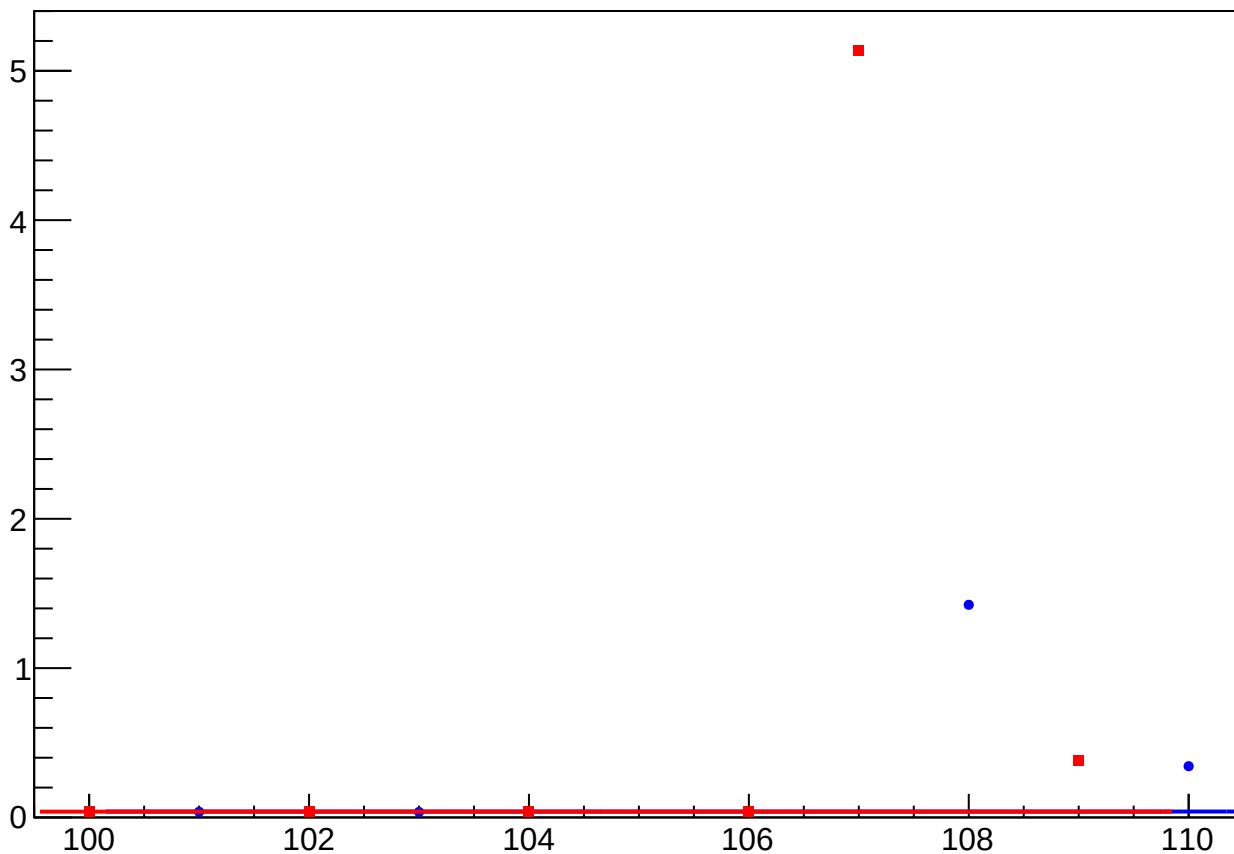
Right In: 1979.318+/-0.000 χ^2/NDF : 9966869817781.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1983.391+/-0.000 χ^2/NDF : 7142962687234.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.040+/-0.000 χ^2/NDF : 1135916.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.039+/-0.000 χ^2/NDF : 835104.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

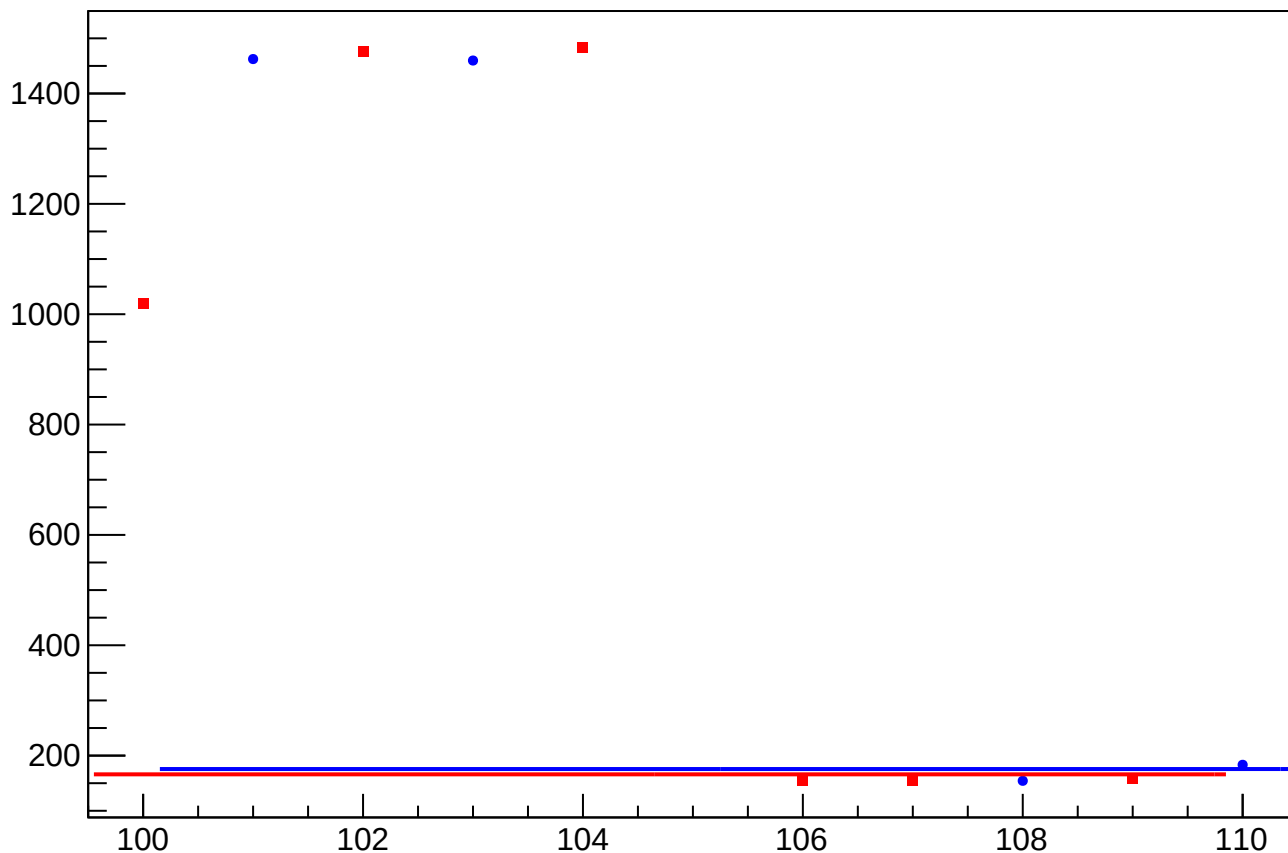
Right: 0.039+/-0.000 χ^2/NDF : 1971389.9/9

In: 0.040+/-0.000 χ^2/NDF : 1135916.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

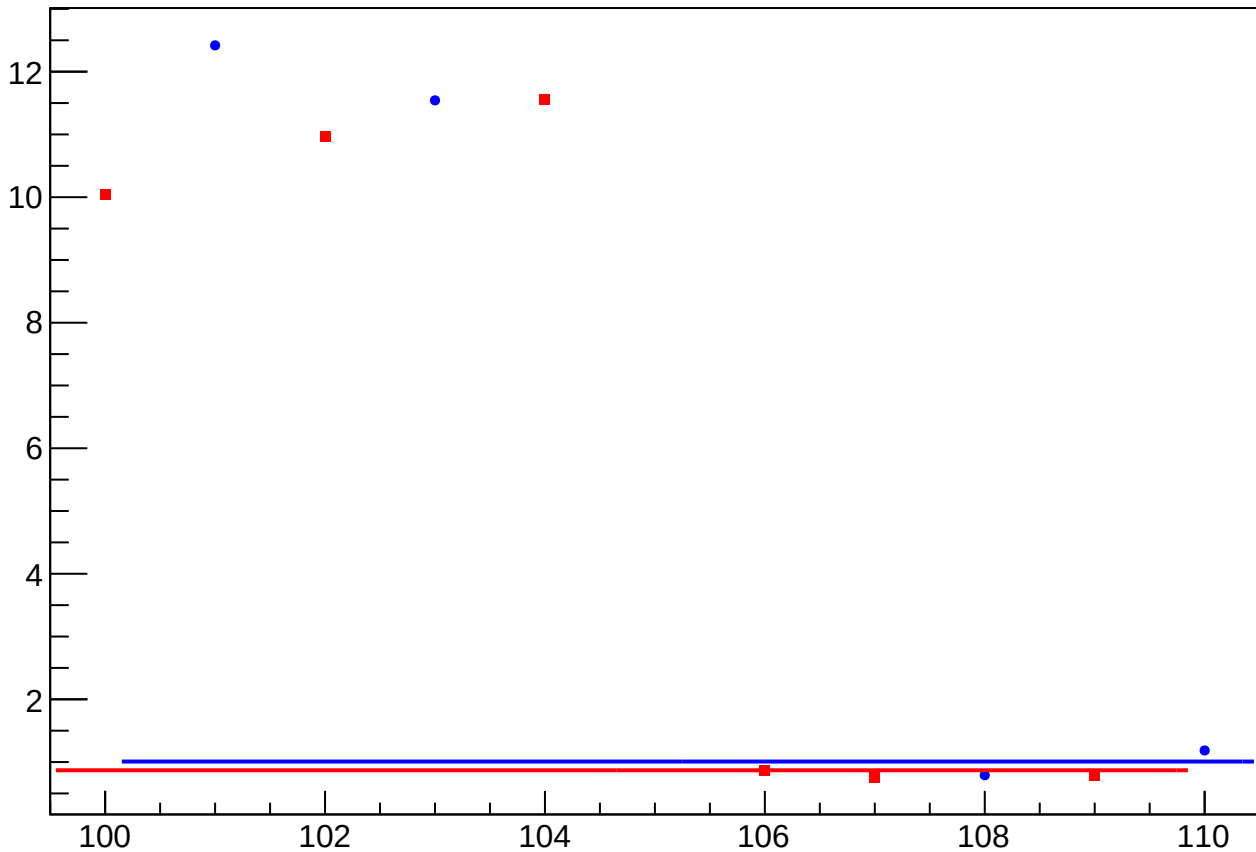
All: 0.039+/-0.000 χ^2/NDF : 1971389.9/9

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 175.672 $\pm$ 0.001 χ^2 /NDF: 14170463483.2/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 166.047 $\pm$ 0.001 χ^2 /NDF: 15754995671.8/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 169.569 $\pm$ 0.001 χ^2 /NDF: 29970554028.4/9
 In: 175.672 $\pm$ 0.001 χ^2 /NDF:14170463483.2/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 169.569 $\pm$ 0.001 χ^2 /NDF: 29970554028.4/9

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 1.008+/-0.001 χ^2/NDF : 2088450.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.869+/-0.001 χ^2/NDF : 2019501.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

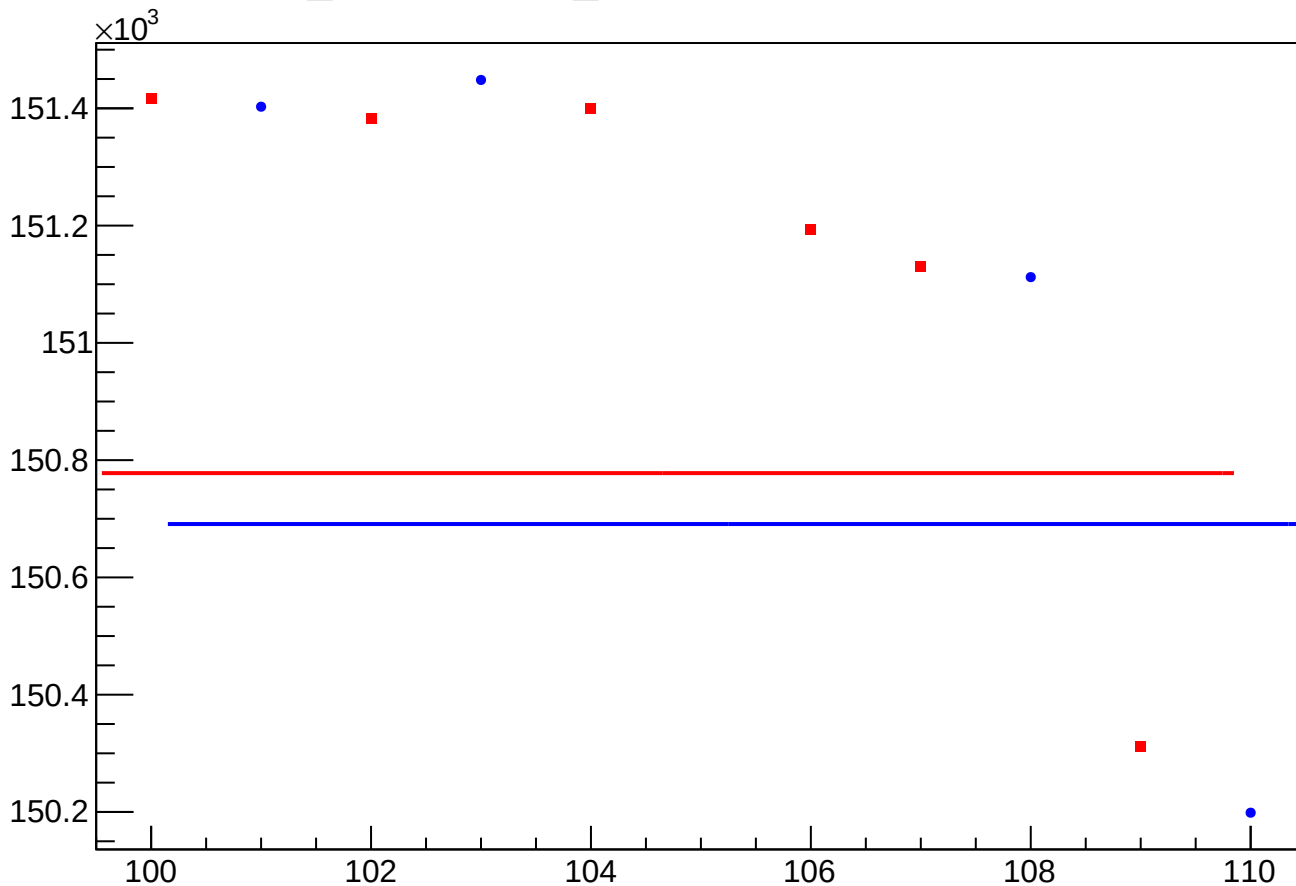
Right: 0.920+/-0.000 χ^2/NDF : 4126821.3/9

In: 1.008+/-0.001 χ^2/NDF : 2088450.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

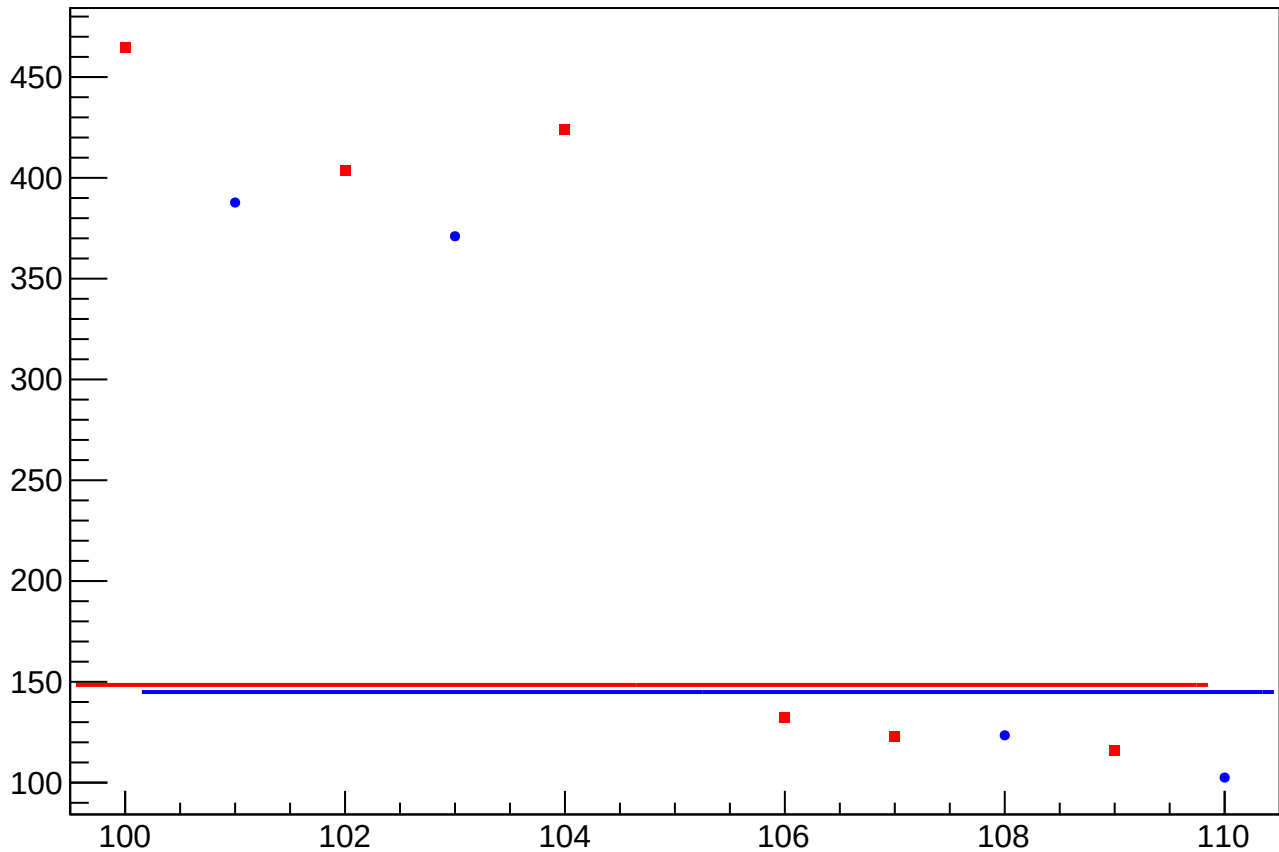
All: 0.920+/-0.000 χ^2/NDF : 4126821.3/9

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150691.027 $\pm$ 0.121 χ^2 /NDF: 17341587.7/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 150777.864 $\pm$ 0.113 χ^2 /NDF: 15974600.8/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 150737.630 $\pm$ 0.083 χ^2 /NDF: 33591035.5/9
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 150737.630 $\pm$ 0.083 χ^2 /NDF: 33591035.5/9
 In: 150691.027 $\pm$ 0.121 χ^2 /NDF: 17341587.7/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 144.950+/-0.086 χ^2/NDF : 1083185.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.465+/-0.080 χ^2/NDF : 1132208.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

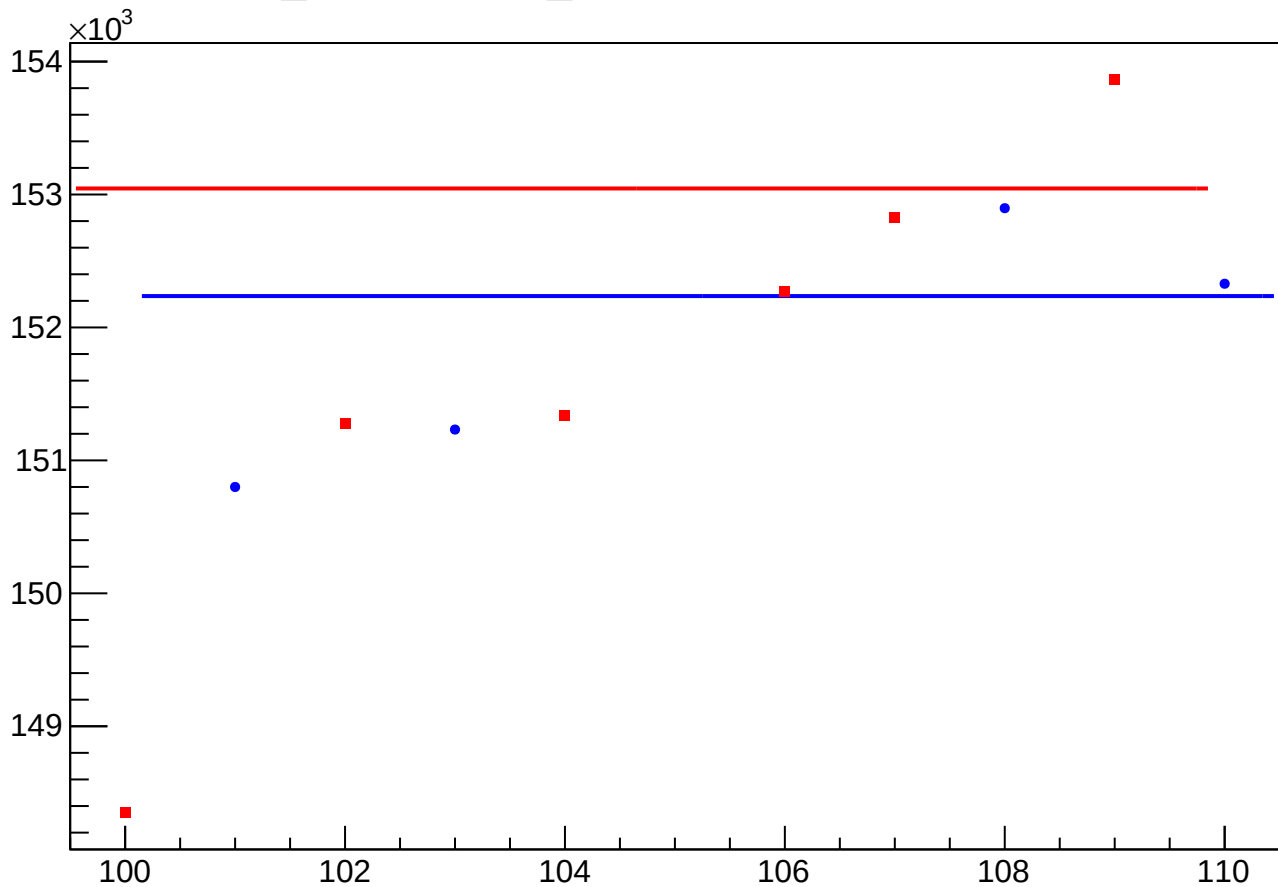
Right: 146.837+/-0.058 χ^2/NDF : 2216294.2/9

In: 144.950+/-0.086 χ^2/NDF : 1083185.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

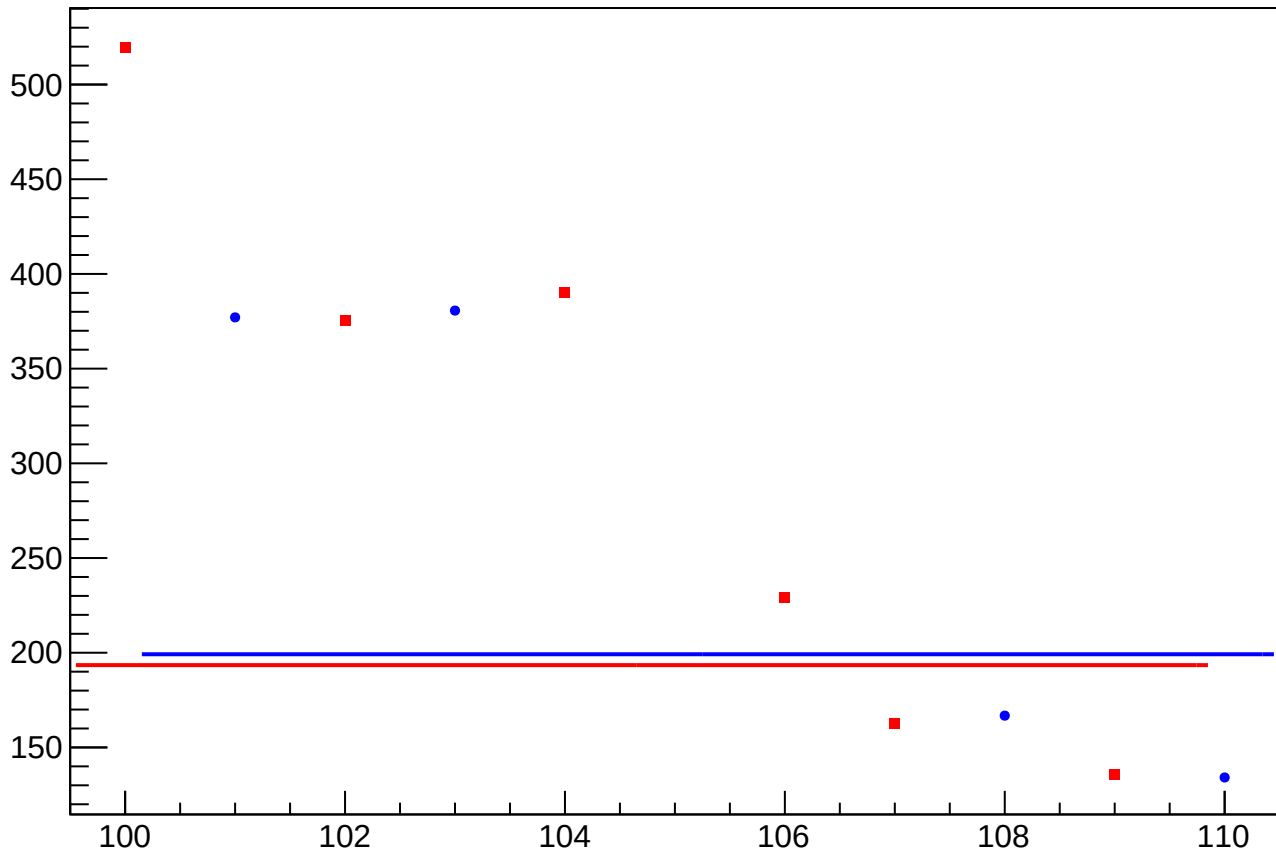
All: 146.837+/-0.058 χ^2/NDF : 2216294.2/9

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152236.028 $\pm$ 0.158 χ^2 /NDF: 19954119.1/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 153045.359 $\pm$ 0.144 χ^2 /NDF: 50783678.5/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 152677.198 $\pm$ 0.107 χ^2 /NDF: 85023409.5/9
 In: 152236.028 $\pm$ 0.158 χ^2 /NDF:19954119.1/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 152677.198 $\pm$ 0.107 χ^2 /NDF: 85023409.5/9

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 199.195+/-0.112 χ^2/NDF : 742146.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 193.464+/-0.102 χ^2/NDF : 826359.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

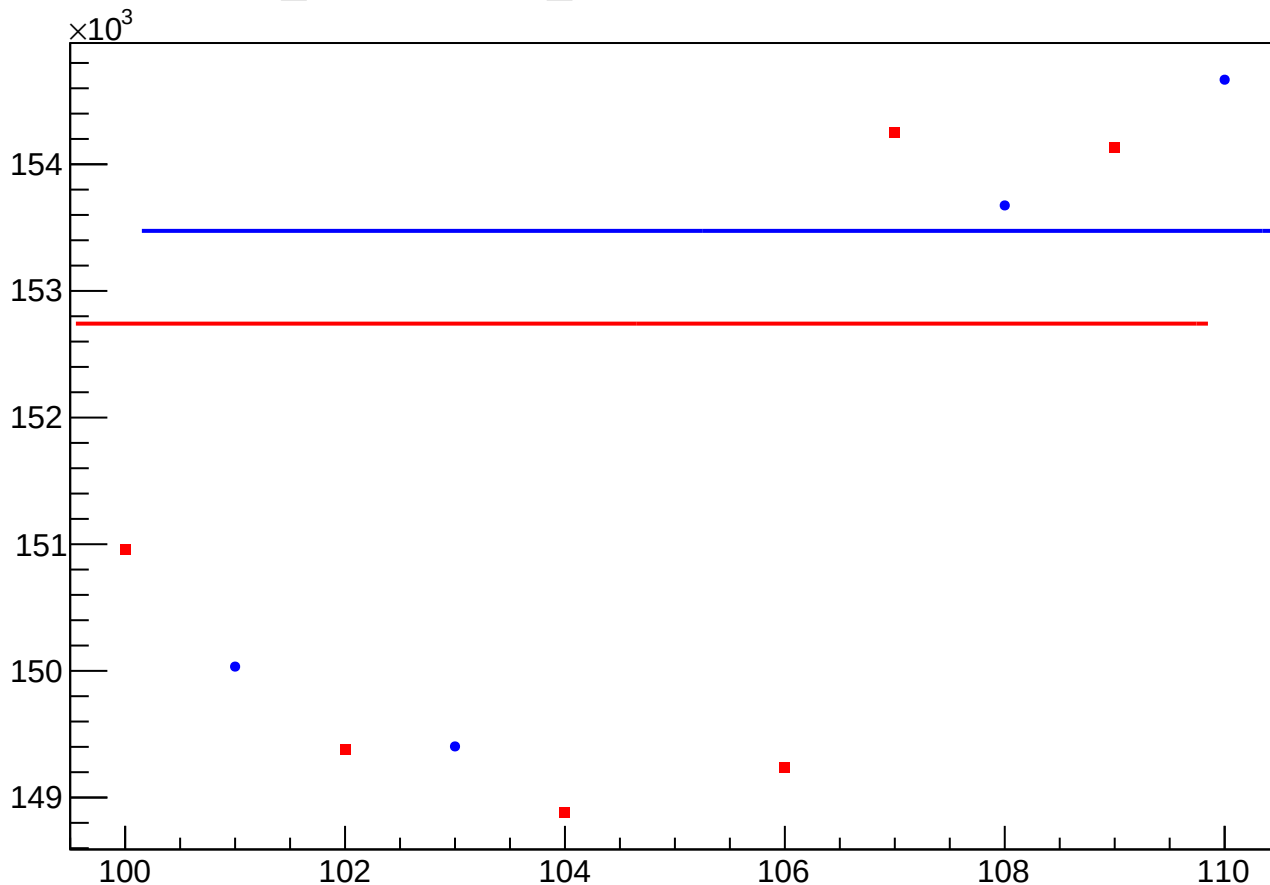
Right: 196.071+/-0.075 χ^2/NDF : 1569938.7/9

In: 199.195+/-0.112 χ^2/NDF : 742146.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.071+/-0.075 χ^2/NDF : 1569938.7/9

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 153474.174+/-0.144 χ^2 /NDF: 142032865.4/3

Right: 153094.059+/-0.100 χ^2 /NDF: 414775802.3/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 152741.810+/-0.139 χ^2 /NDF: 259383824.2/5

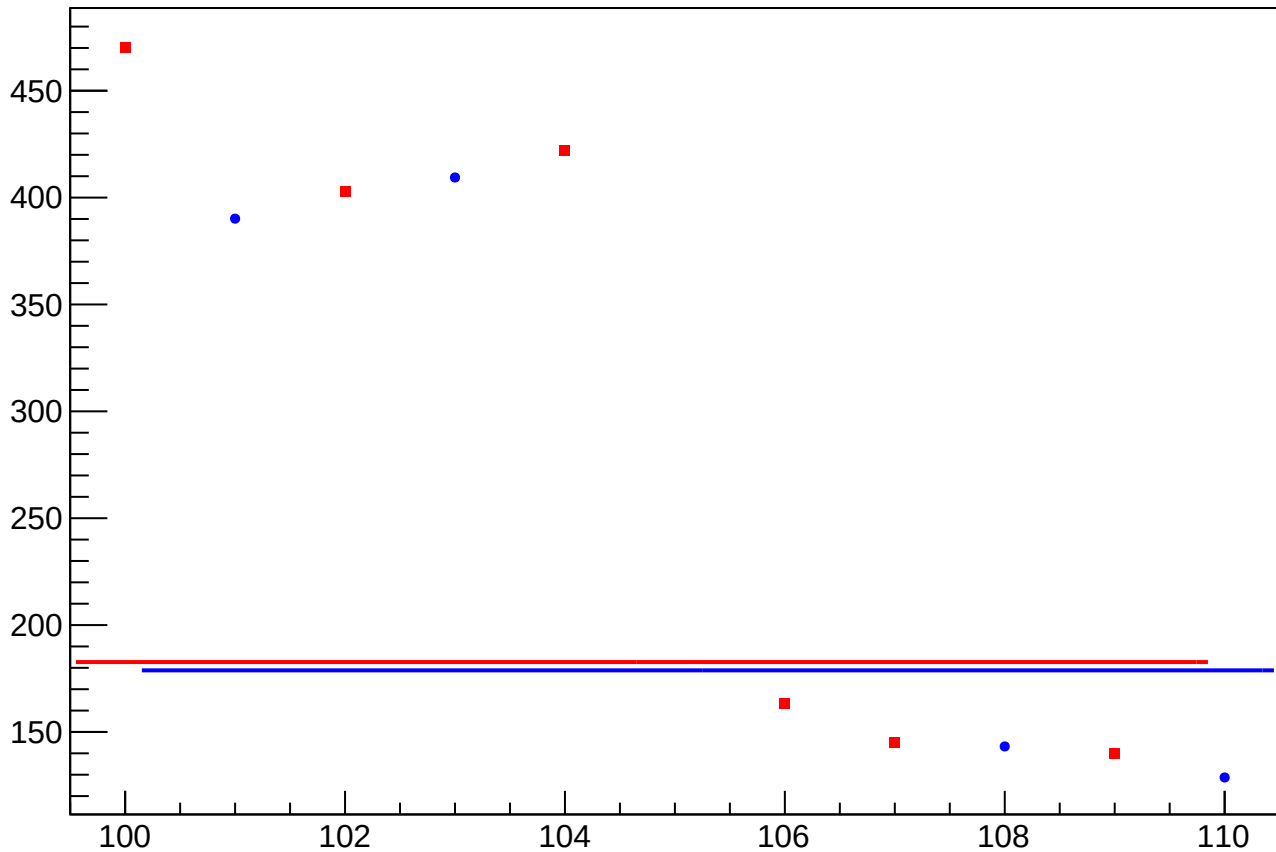
In: 153474.174+/-0.144 χ^2 /NDF: 142032865.4/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 153094.059+/-0.100 χ^2 /NDF: 414775802.3/9

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 178.817 $\pm$ 0.102 χ^2 /NDF: 922373.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 182.706 $\pm$ 0.098 χ^2 /NDF: 905787.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

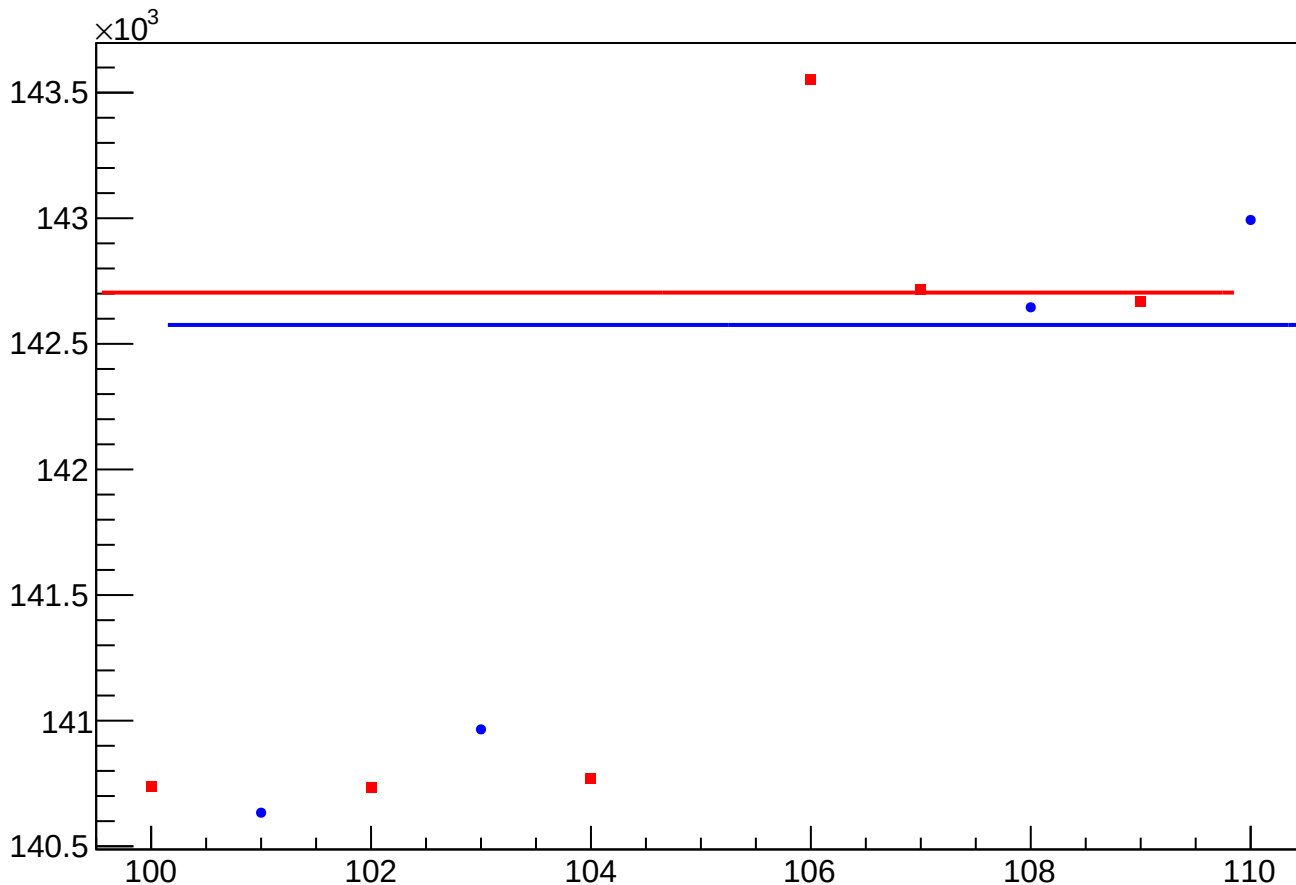
Right: 180.836 $\pm$ 0.071 χ^2 /NDF: 1828914.6/9

In: 178.817 $\pm$ 0.102 χ^2 /NDF: 922373.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

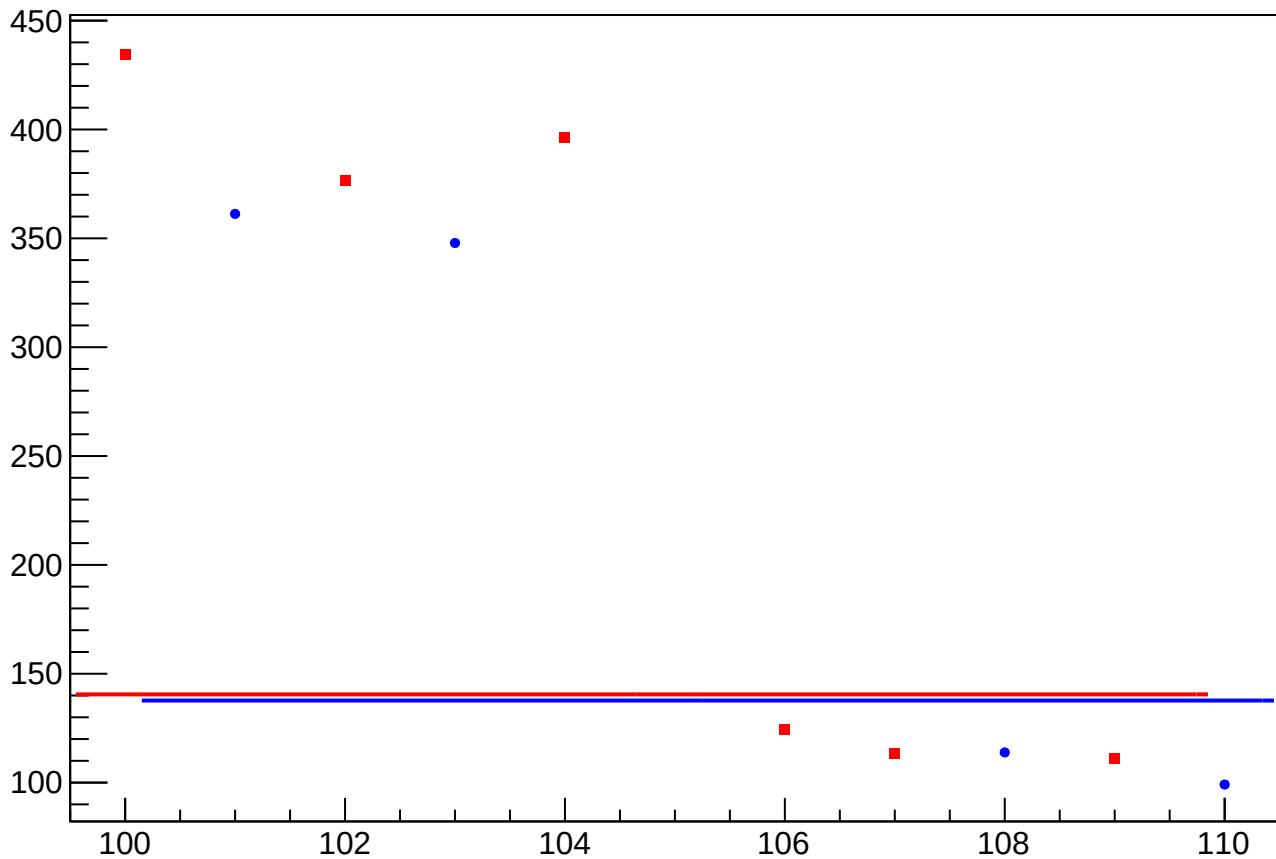
All: 180.836 $\pm$ 0.071 χ^2 /NDF: 1828914.6/9

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 142575.267+/-0.115 χ^2 /NDF: 37751802.5/3
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 142644.400+/-0.078 χ^2 /NDF: 84722102.3/9
 In: 142575.267+/-0.115 χ^2 /NDF: 37751802.5/3
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 142644.400+/-0.078 χ^2 /NDF: 84722102.3/9

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 137.696+/-0.081 χ^2/NDF : 1062838.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 140.524+/-0.075 χ^2/NDF : 1115167.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

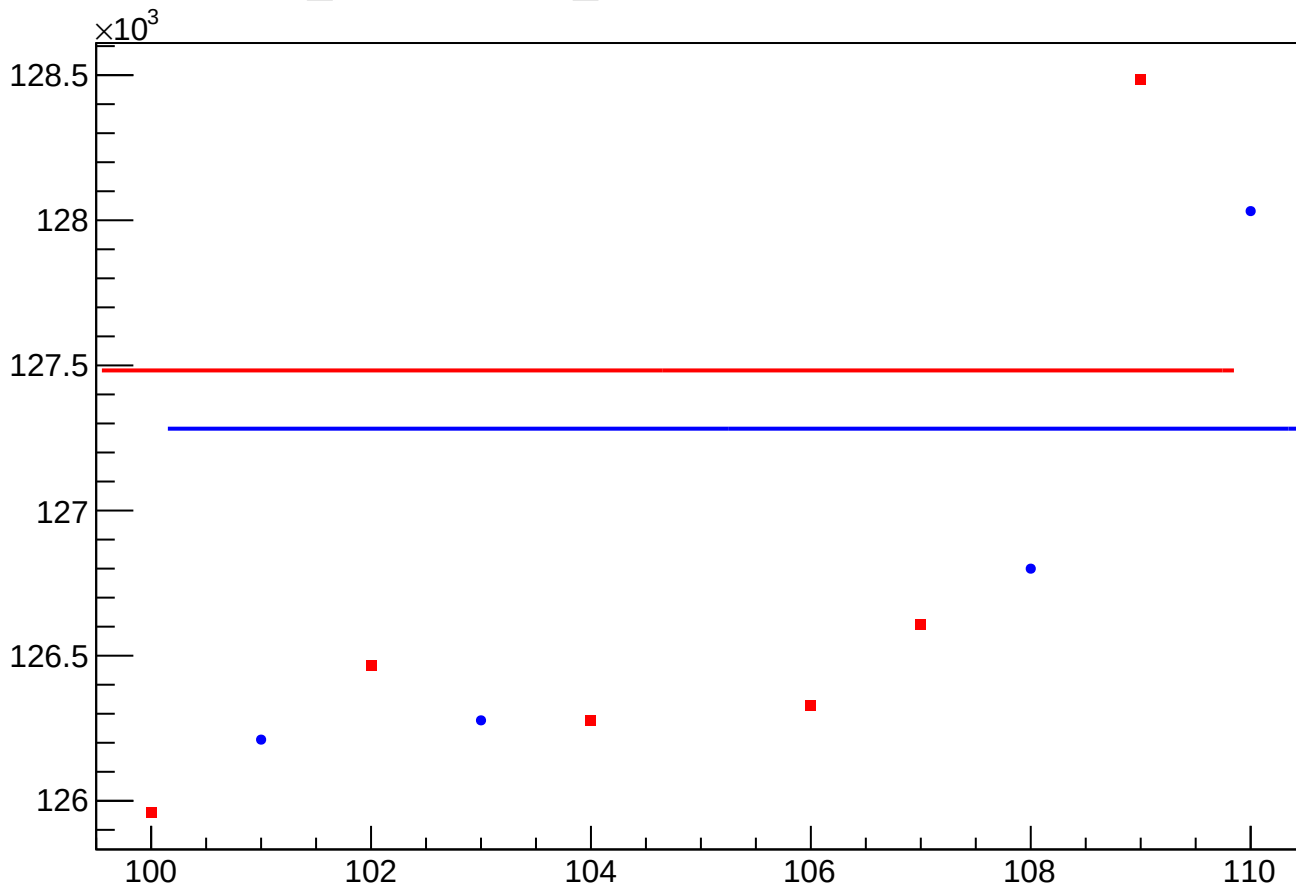
Right: 139.214+/-0.055 χ^2/NDF : 2178658.2/9

In: 137.696+/-0.081 χ^2/NDF :1062838.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

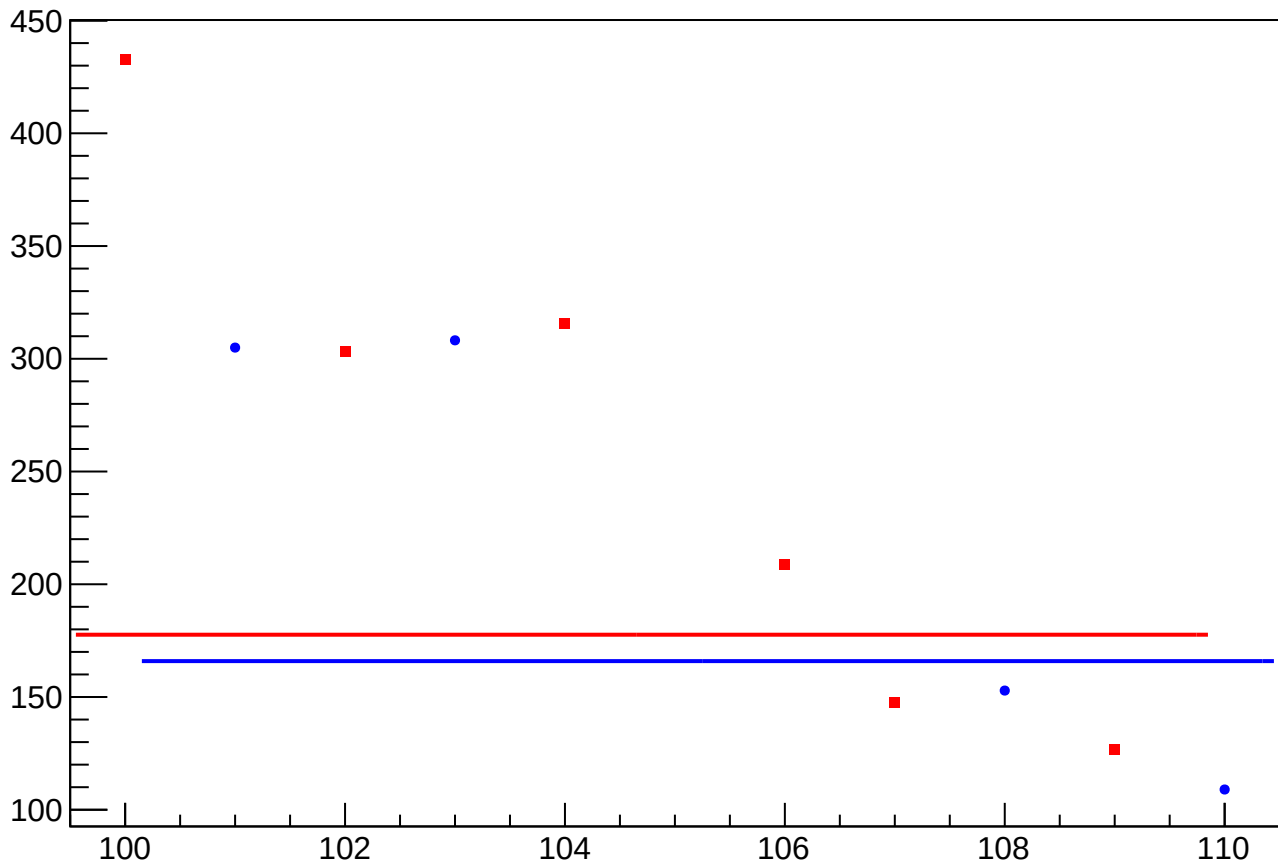
All: 139.214+/-0.055 χ^2/NDF : 2178658.2/9

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127282.034 $\pm$ 0.130 χ^2 /NDF: 34847102.1/3
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 127383.583 $\pm$ 0.091 χ^2 /NDF: 99519833.0/9
 Right Out: 127482.708 $\pm$ 0.128 χ^2 /NDF: 63463433.3/5
 In: 127282.034 $\pm$ 0.130 χ^2 /NDF: 34847102.1/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 127383.583 $\pm$ 0.091 χ^2 /NDF: 99519833.0/9

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 165.920 $\pm$ 0.092 χ^2 /NDF: 725920.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 177.626 $\pm$ 0.091 χ^2 /NDF: 662080.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

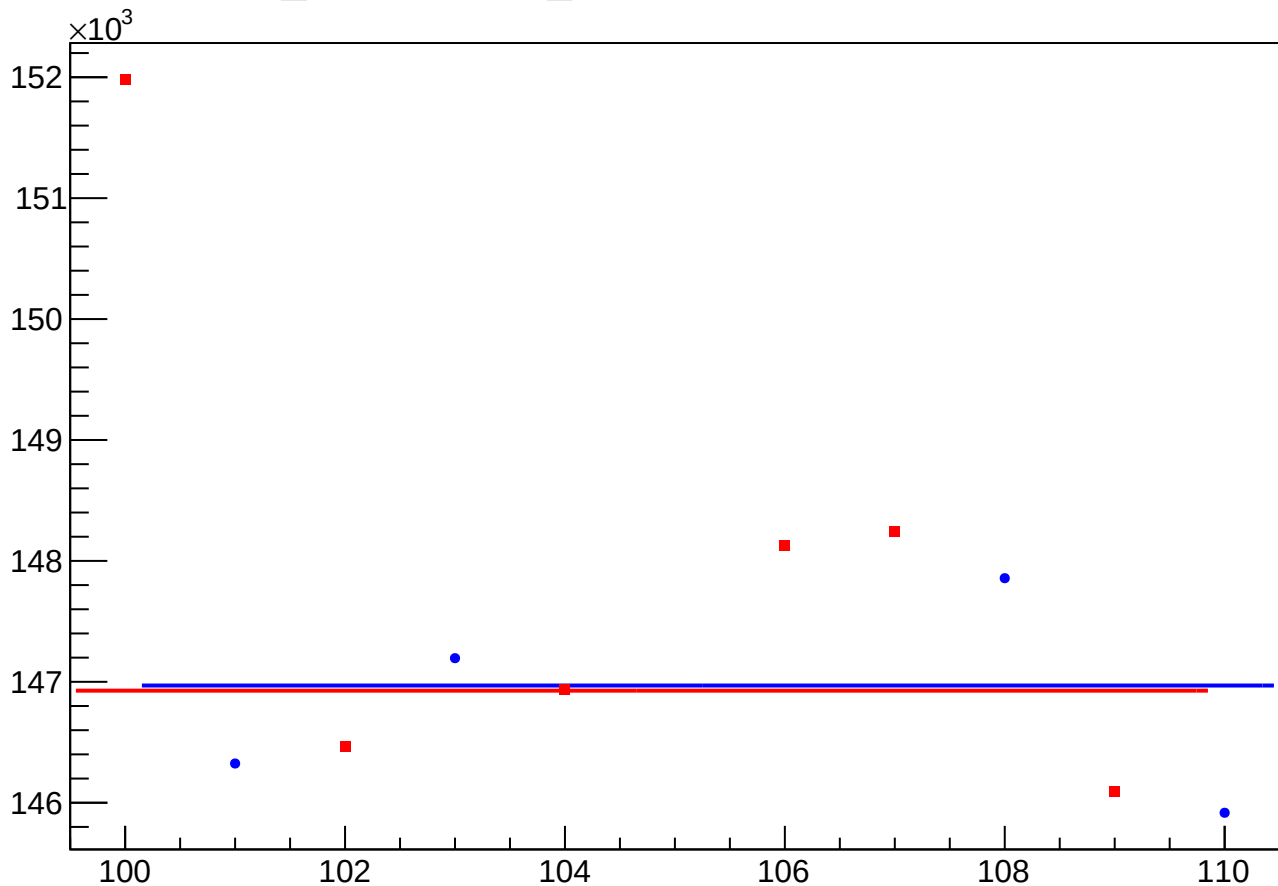
Right: 171.844 $\pm$ 0.065 χ^2 /NDF: 1396231.8/9

In: 165.920 $\pm$ 0.092 χ^2 /NDF: 725920.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

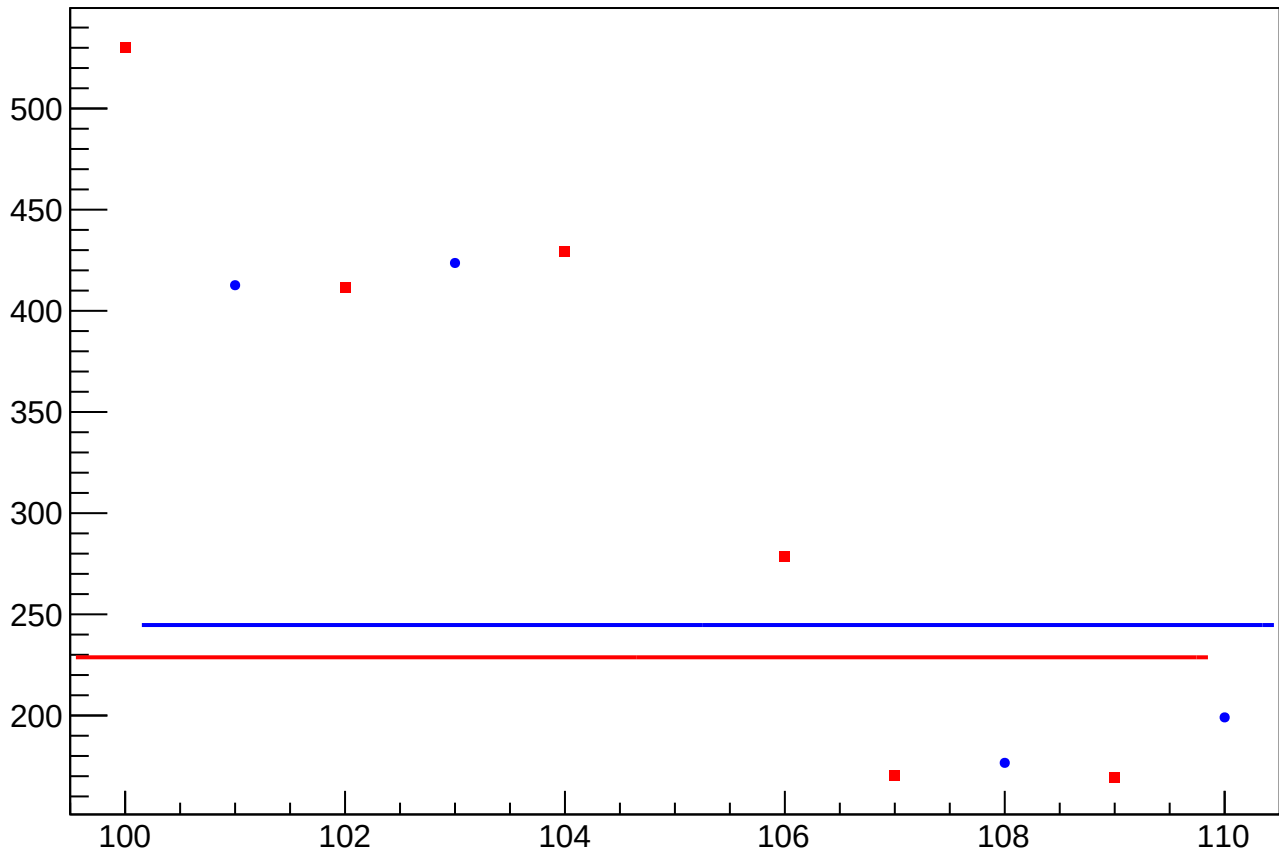
All: 171.844 $\pm$ 0.065 χ^2 /NDF: 1396231.8/9

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 146969.411 $\pm$ 0.187 χ^2 /NDF: 21336223.1/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 146927.027 $\pm$ 0.168 χ^2 /NDF: 38203408.0/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 146969.411 $\pm$ 0.187 χ^2 /NDF:21336223.1/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 146945.879 $\pm$ 0.125 χ^2 /NDF: 59568018.2/9

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 244.712+/-0.133 χ^2/NDF : 584657.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.761+/-0.119 χ^2/NDF : 721341.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

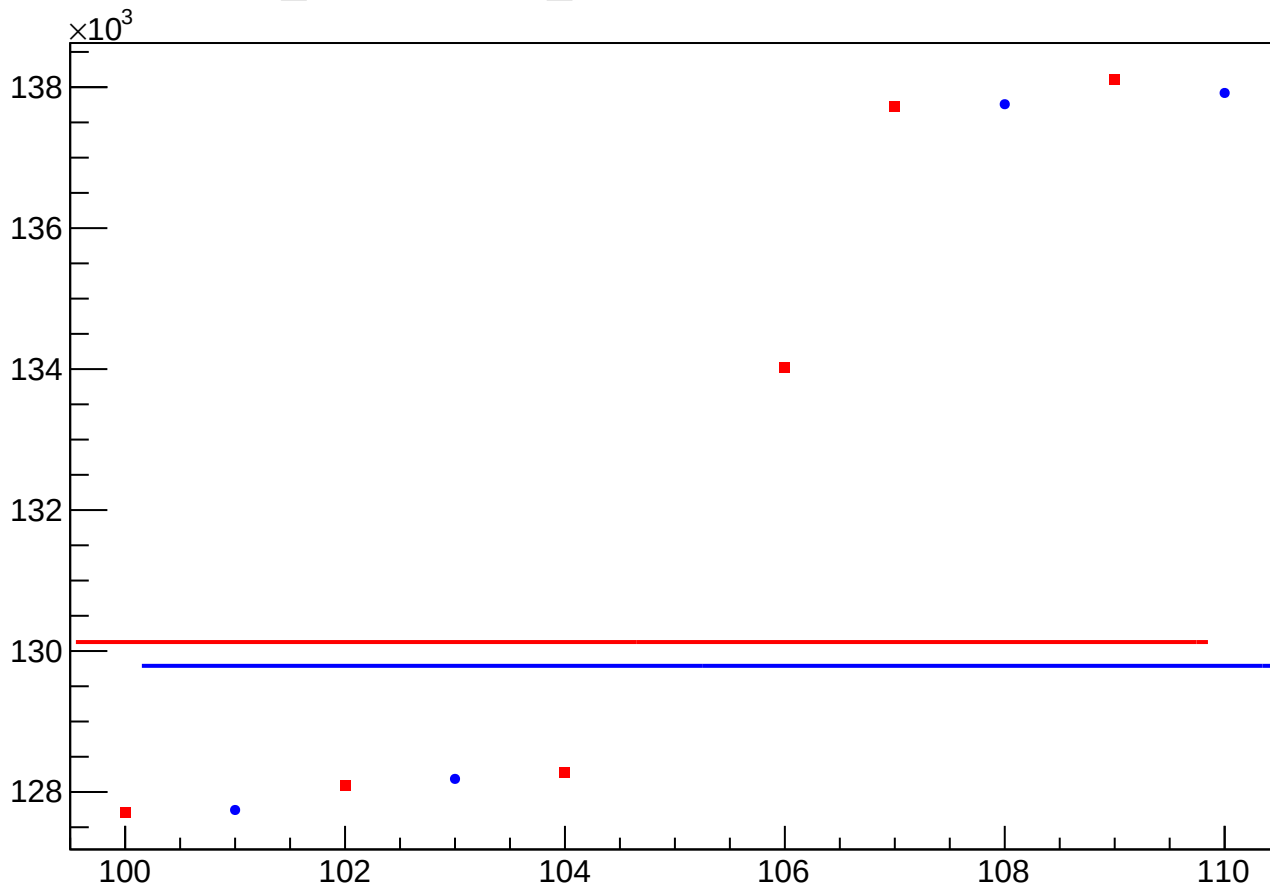
Right: 235.856+/-0.088 χ^2/NDF : 1314040.7/9

In: 244.712+/-0.133 χ^2/NDF : 584657.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.856+/-0.088 χ^2/NDF : 1314040.7/9

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 129789.928+/-0.255 χ^2 /NDF: 227839949.6/3

Right: 129955.545+/-0.182 χ^2 /NDF: 443922350.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 130127.445+/-0.260 χ^2 /NDF: 215221201.0/5

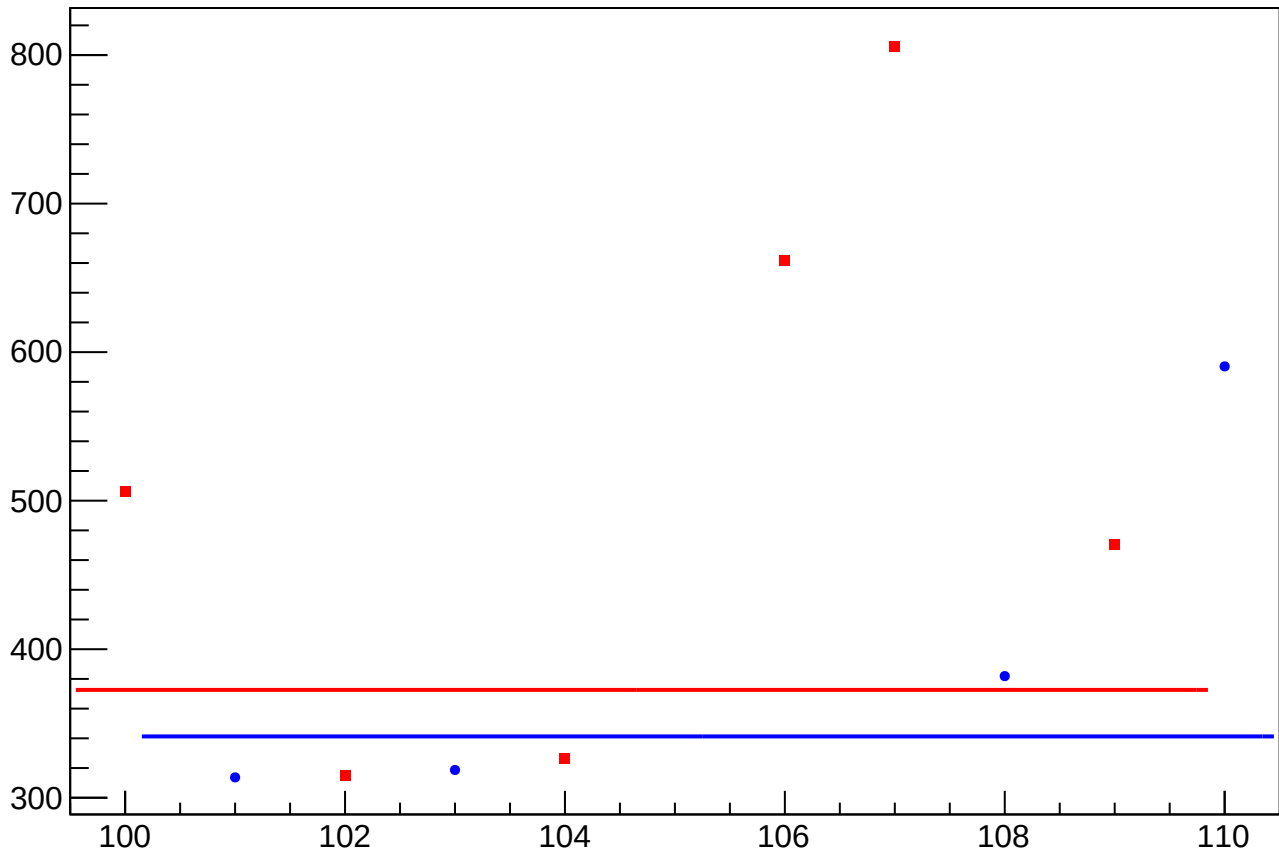
In: 129789.928+/-0.255 χ^2 /NDF: 227839949.6/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 129955.545+/-0.182 χ^2 /NDF: 443922350.5/9

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 341.285+/-0.180 χ^2/NDF : 141407.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 372.598+/-0.184 χ^2/NDF : 356868.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

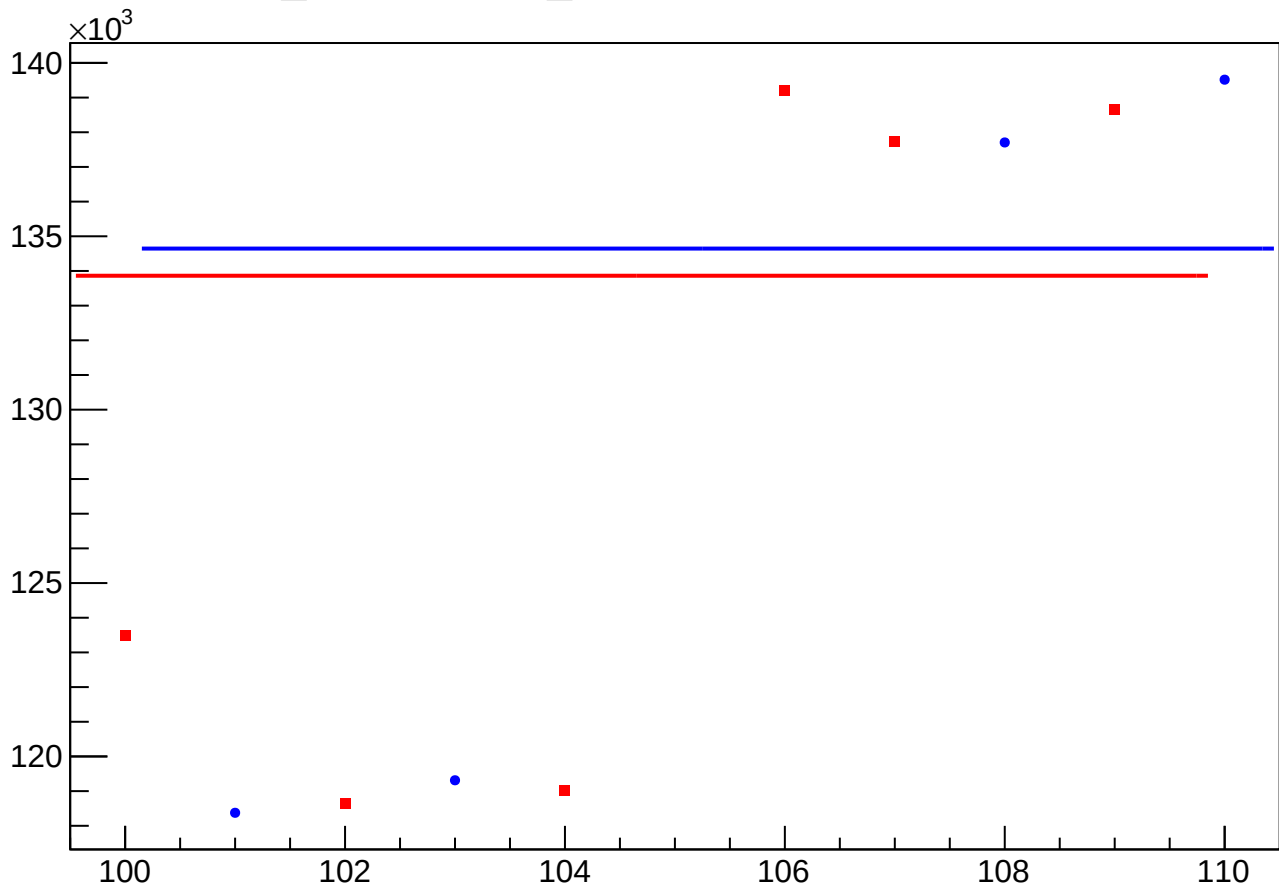
Right: 356.650+/-0.129 χ^2/NDF : 513100.0/9

In: 341.285+/-0.180 χ^2/NDF : 141407.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.650+/-0.129 χ^2/NDF : 513100.0/9

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 134645.737+/-0.137 χ^2 /NDF: 3610214987.4/3

Right: 134288.600+/-0.101 χ^2 /NDF: 6732809687.6/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

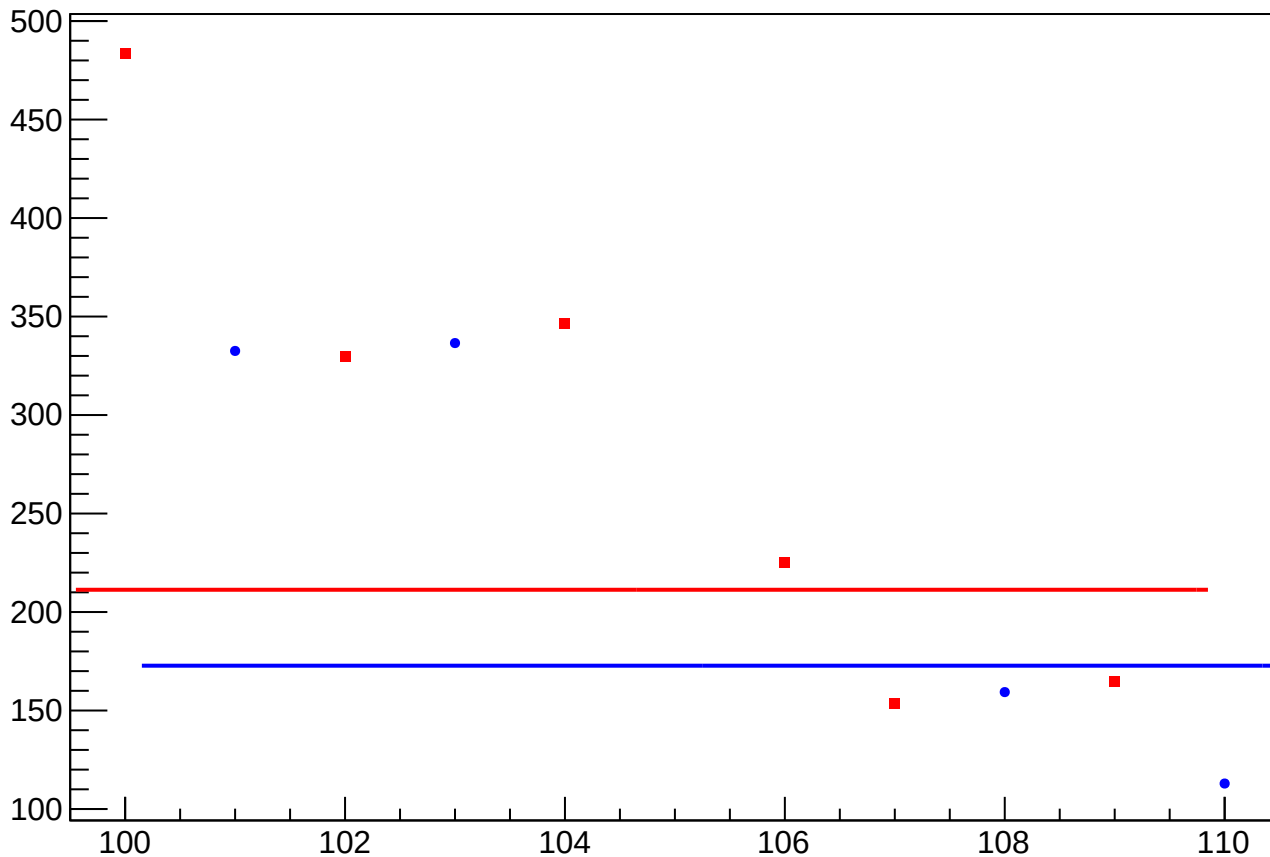
Right Out: 133862.233+/-0.149 χ^2 /NDF: 3107605961.8/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 134288.600+/-0.101 χ^2 /NDF: 6732809687.6/3

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 172.758+/-0.097 χ^2/NDF : 788420.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.304+/-0.106 χ^2/NDF : 521277.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

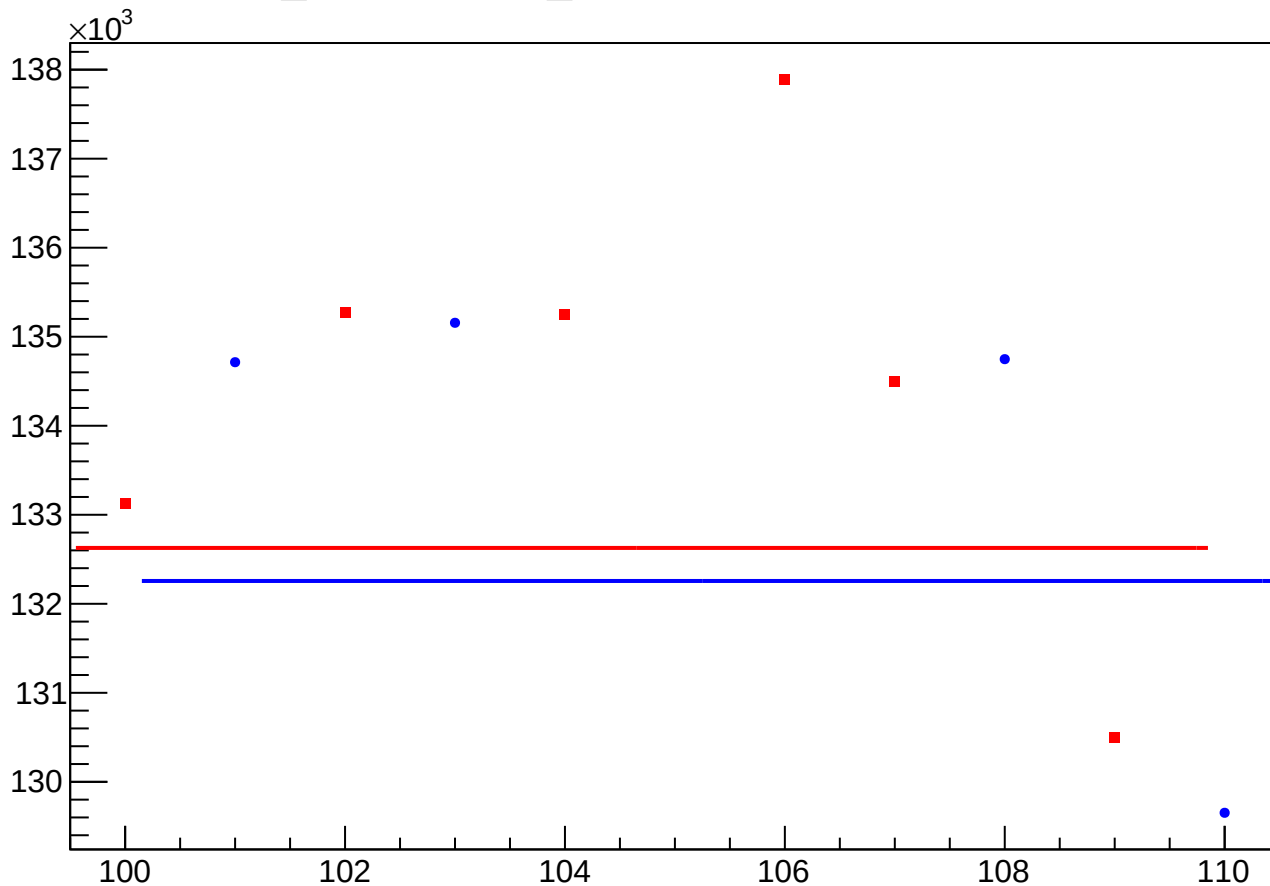
Right: 190.328+/-0.071 χ^2/NDF : 1382252.7/9

In: 172.758+/-0.097 χ^2/NDF : 788420.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.328+/-0.071 χ^2/NDF : 1382252.7/9

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 132256.354+/-0.148 χ^2 /NDF: 305767177.8/3

Right: 132452.954+/-0.101 χ^2 /NDF: 656353538.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 132627.556+/-0.139 χ^2 /NDF: 347250368.0/5

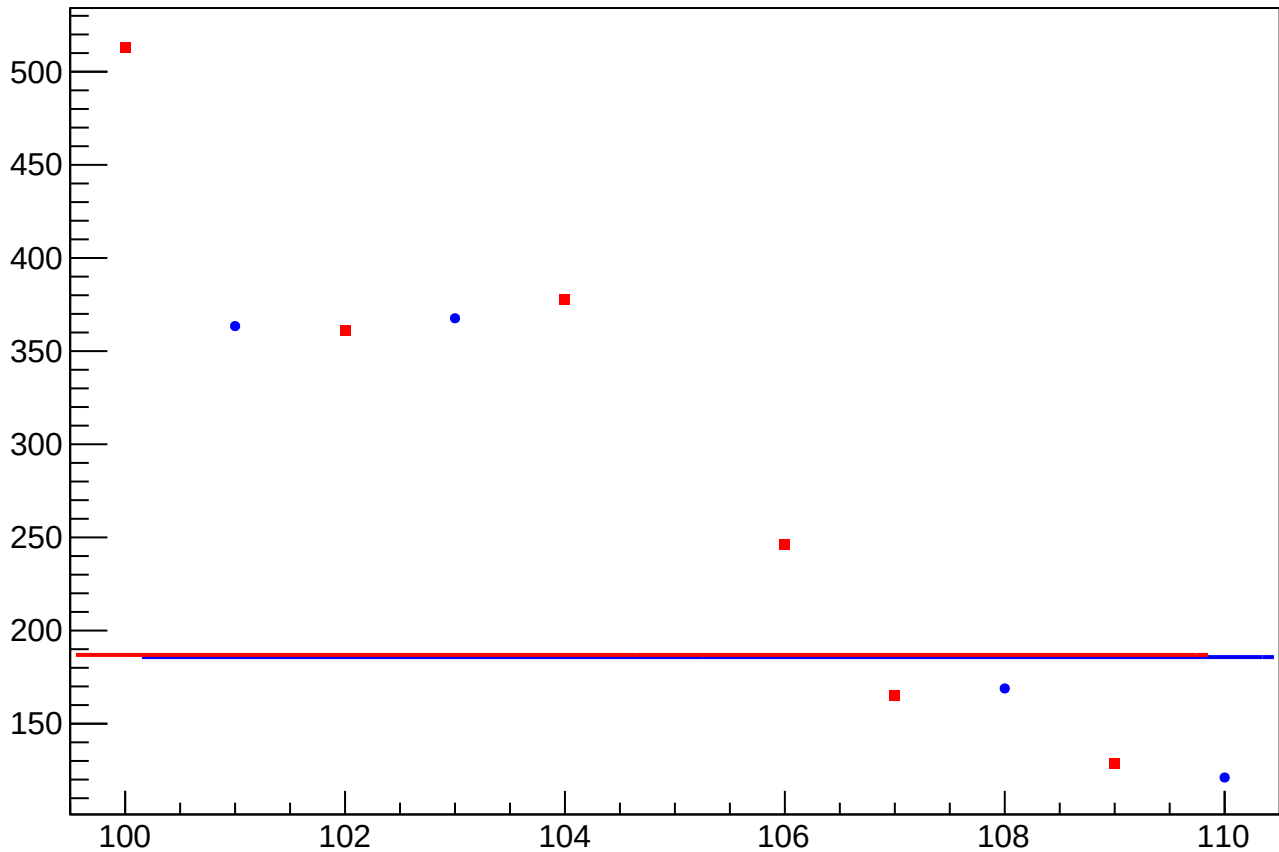
In: 132256.354+/-0.148 χ^2 /NDF: 305767177.8/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 132452.954+/-0.101 χ^2 /NDF: 656353538.1/9

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 185.758+/-0.105 χ^2/NDF : 806536.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.920+/-0.099 χ^2/NDF : 864566.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

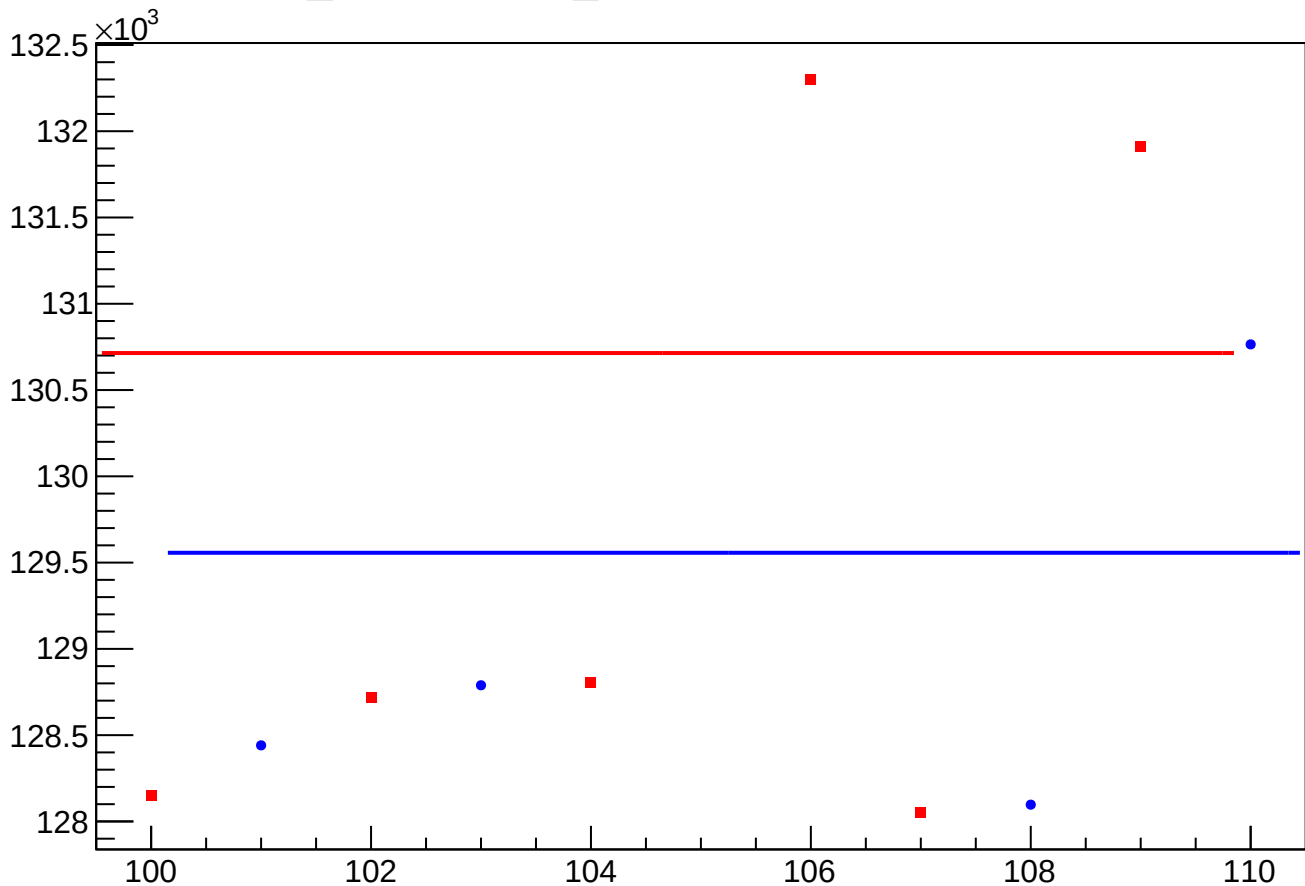
Right: 186.374+/-0.072 χ^2/NDF : 1671167.4/9

In: 185.758+/-0.105 χ^2/NDF : 806536.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

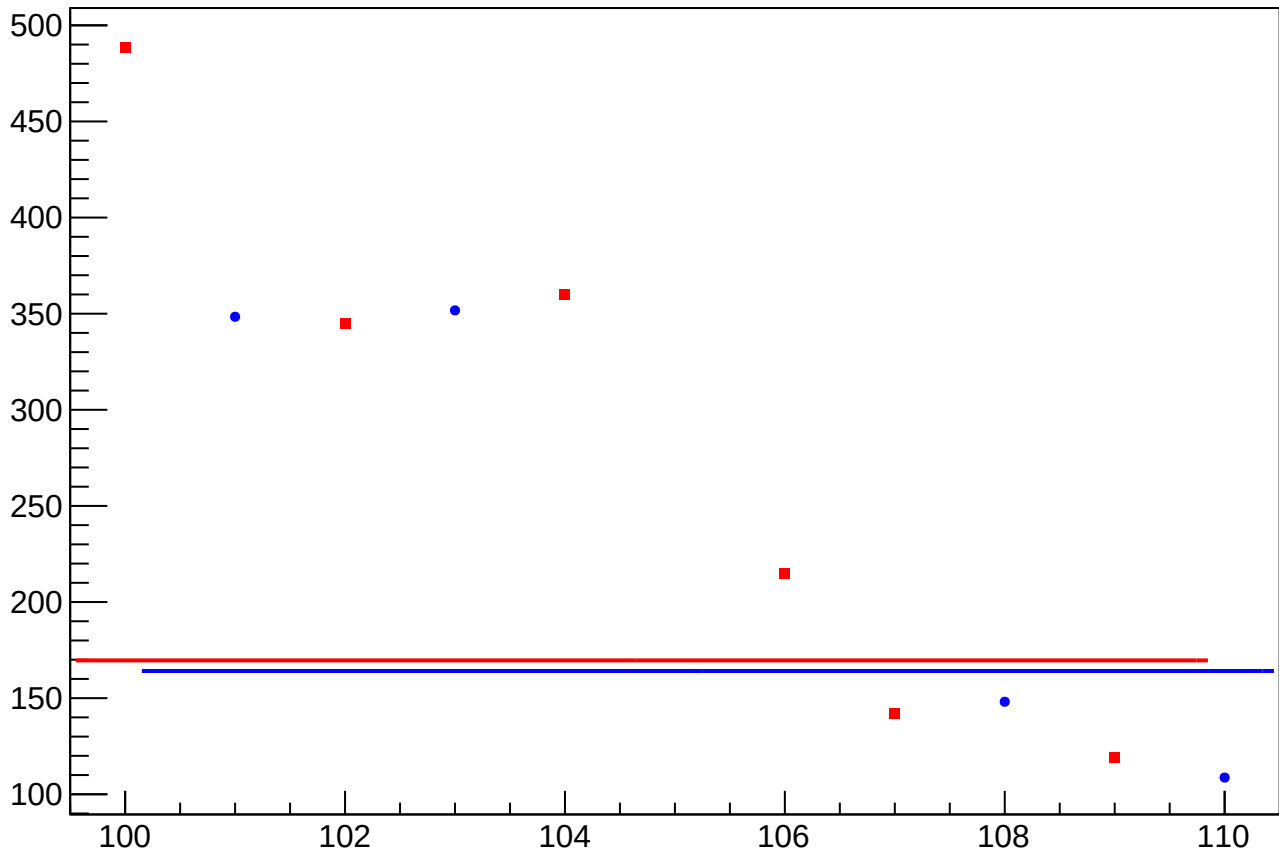
All: 186.374+/-0.072 χ^2/NDF : 1671167.4/9

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 129556.958 $\pm$ 0.132 χ^2 /NDF: 90097394.9/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 130714.471 $\pm$ 0.127 χ^2 /NDF: 187358259.5/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 129556.958 $\pm$ 0.132 χ^2 /NDF:90097394.9/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 130159.831 $\pm$ 0.091 χ^2 /NDF: 317471345.9/9
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 130159.831 $\pm$ 0.091 χ^2 /NDF: 317471345.9/9

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 164.124+/-0.093 χ^2/NDF : 900754.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.638+/-0.090 χ^2/NDF : 905601.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

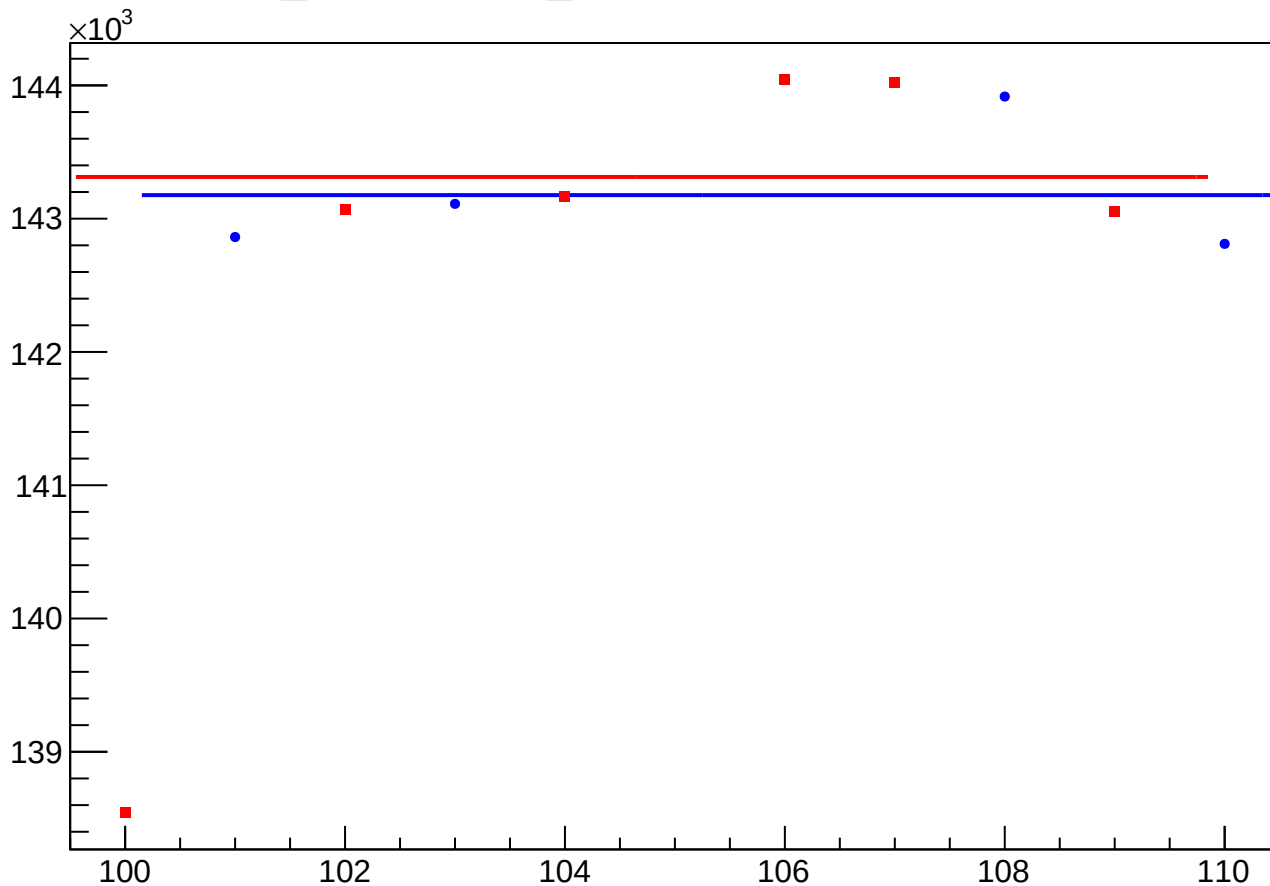
Right: 166.996+/-0.065 χ^2/NDF : 1808172.3/9

In: 164.124+/-0.093 χ^2/NDF : 900754.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.996+/-0.065 χ^2/NDF : 1808172.3/9

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143176.844+/-0.144 χ^2 /NDF: 11983358.8/3

Right: 143249.981+/-0.098 χ^2 /NDF: 28547297.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 143313.019+/-0.133 χ^2 /NDF: 16081065.6/5

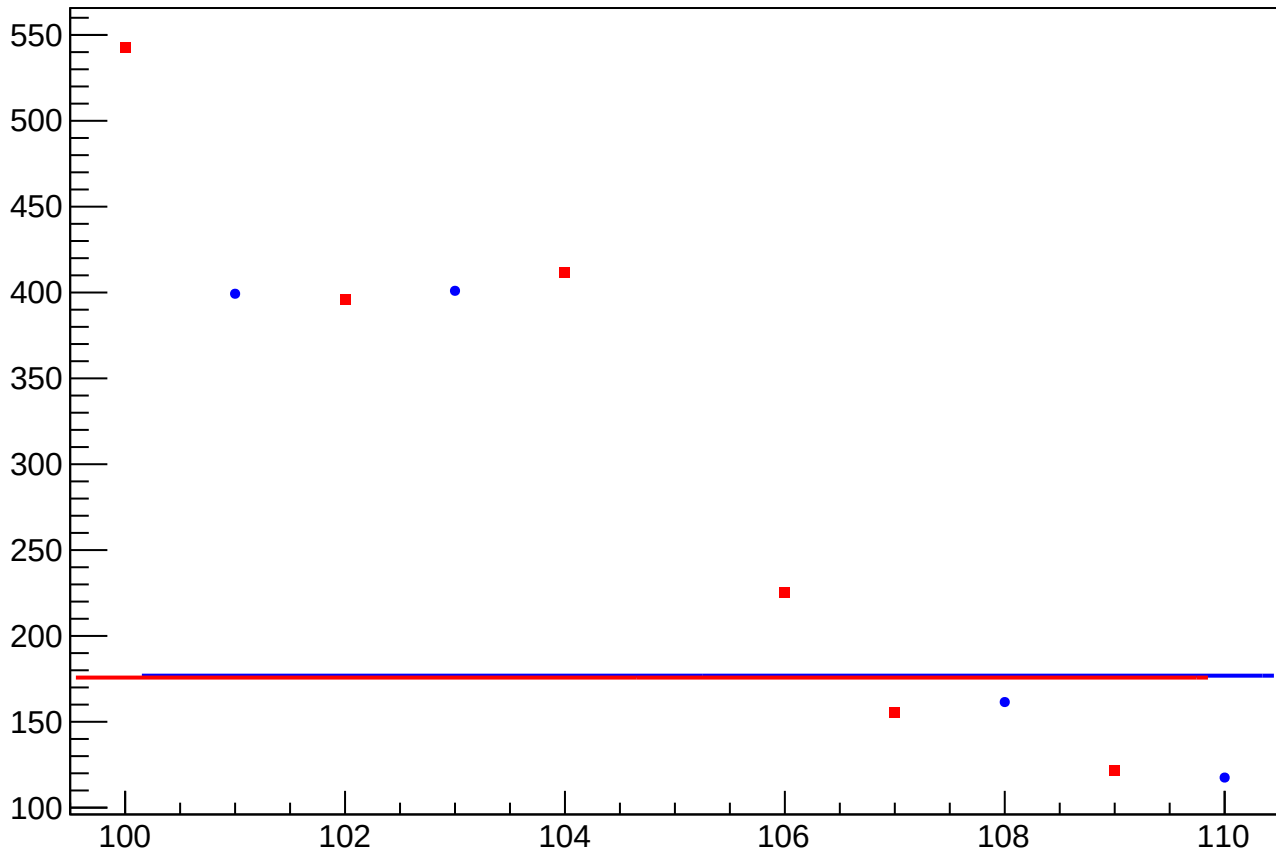
In: 143176.844+/-0.144 χ^2 /NDF: 11983358.8/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143249.981+/-0.098 χ^2 /NDF: 28547297.9/9

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 176.860 $\pm$ 0.102 χ^2 /NDF: 973267.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 175.751 $\pm$ 0.094 χ^2 /NDF: 1038268.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

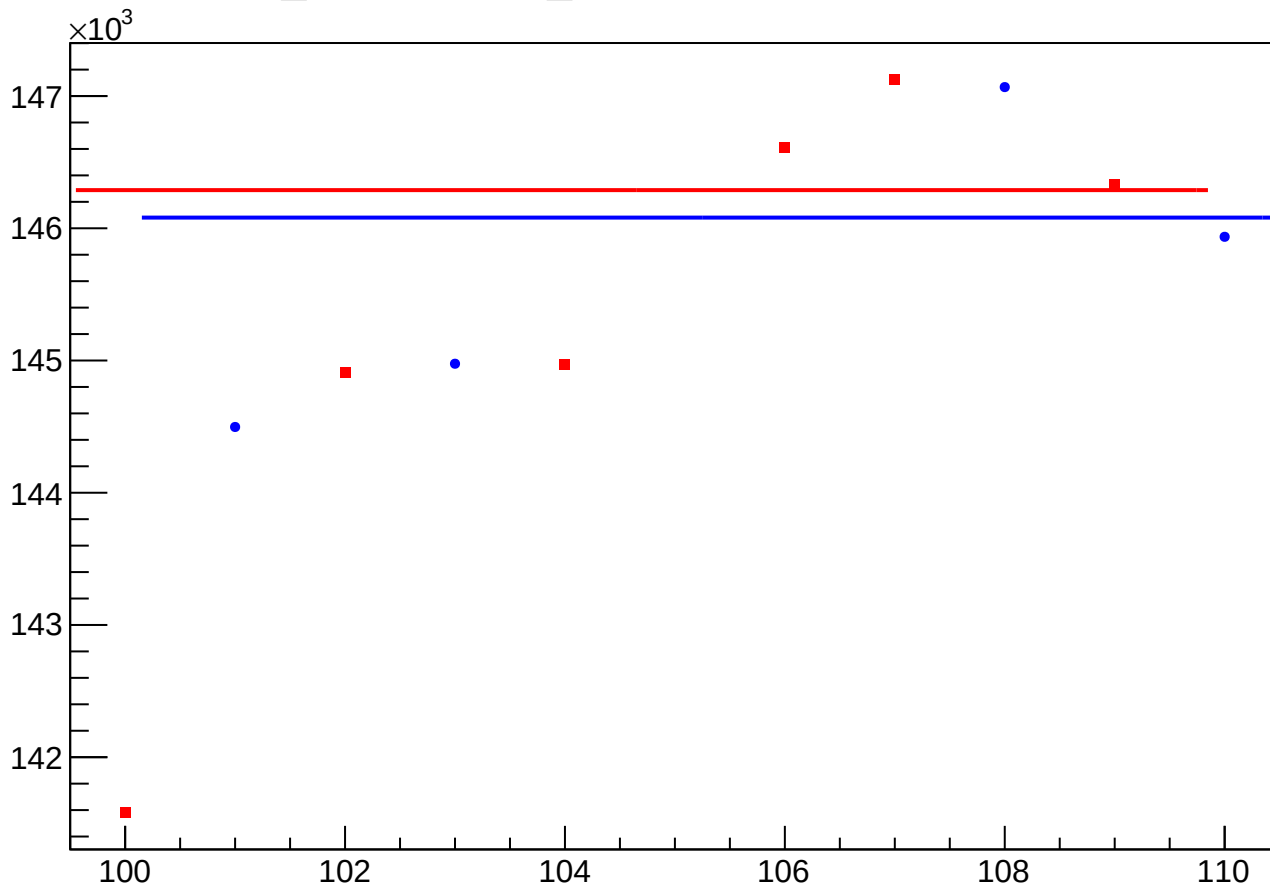
Right: 176.265 $\pm$ 0.069 χ^2 /NDF: 2011599.7/9

In: 176.860 $\pm$ 0.102 χ^2 /NDF:973267.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 176.265 $\pm$ 0.069 χ^2 /NDF: 2011599.7/9

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 146080.854+/-0.148 χ^2 /NDF: 29961522.4/3

Right: 146193.593+/-0.100 χ^2 /NDF: 57163865.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 146288.611+/-0.136 χ^2 /NDF: 26138361.8/5

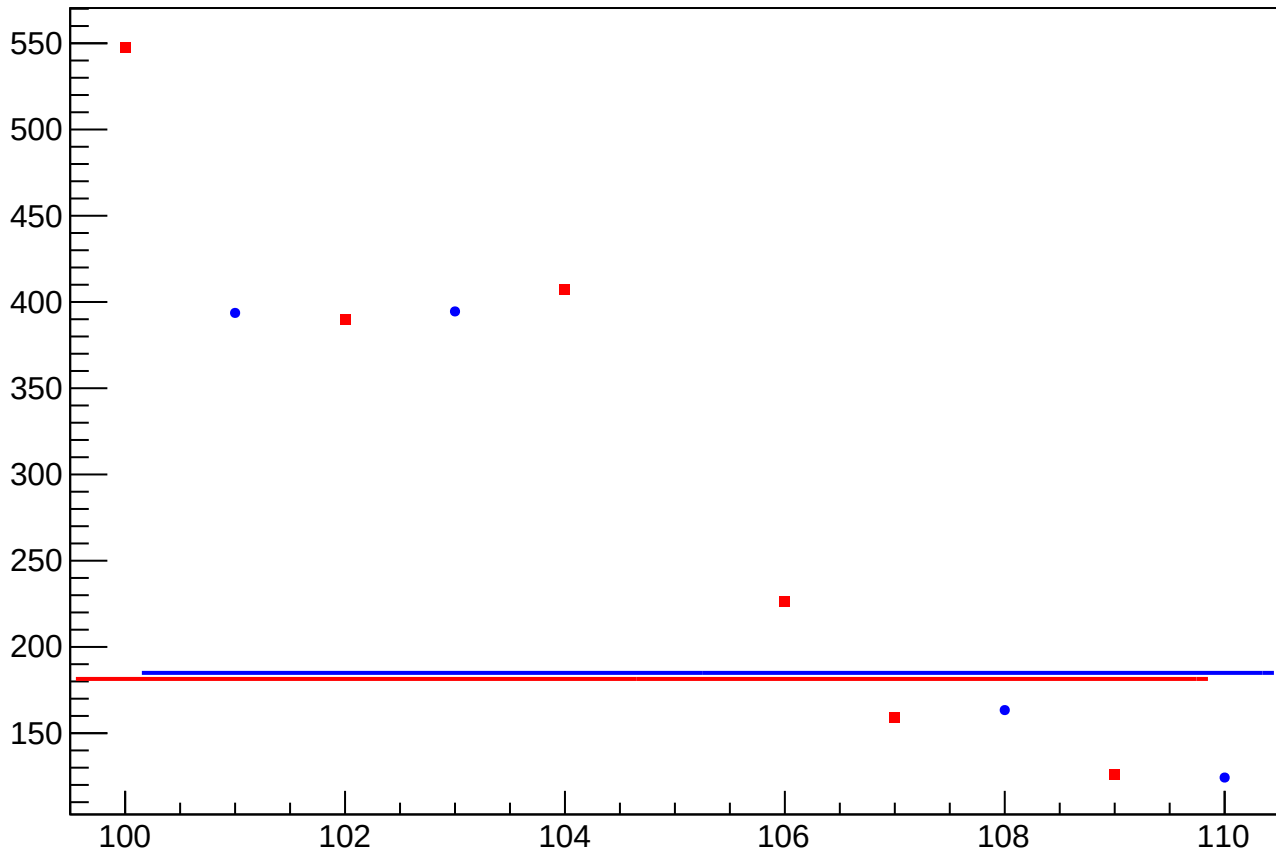
In: 146080.854+/-0.148 χ^2 /NDF: 29961522.4/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146193.593+/-0.100 χ^2 /NDF: 57163865.9/9

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 184.965+/-0.105 χ^2/NDF : 891287.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 181.454+/-0.096 χ^2/NDF : 978633.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

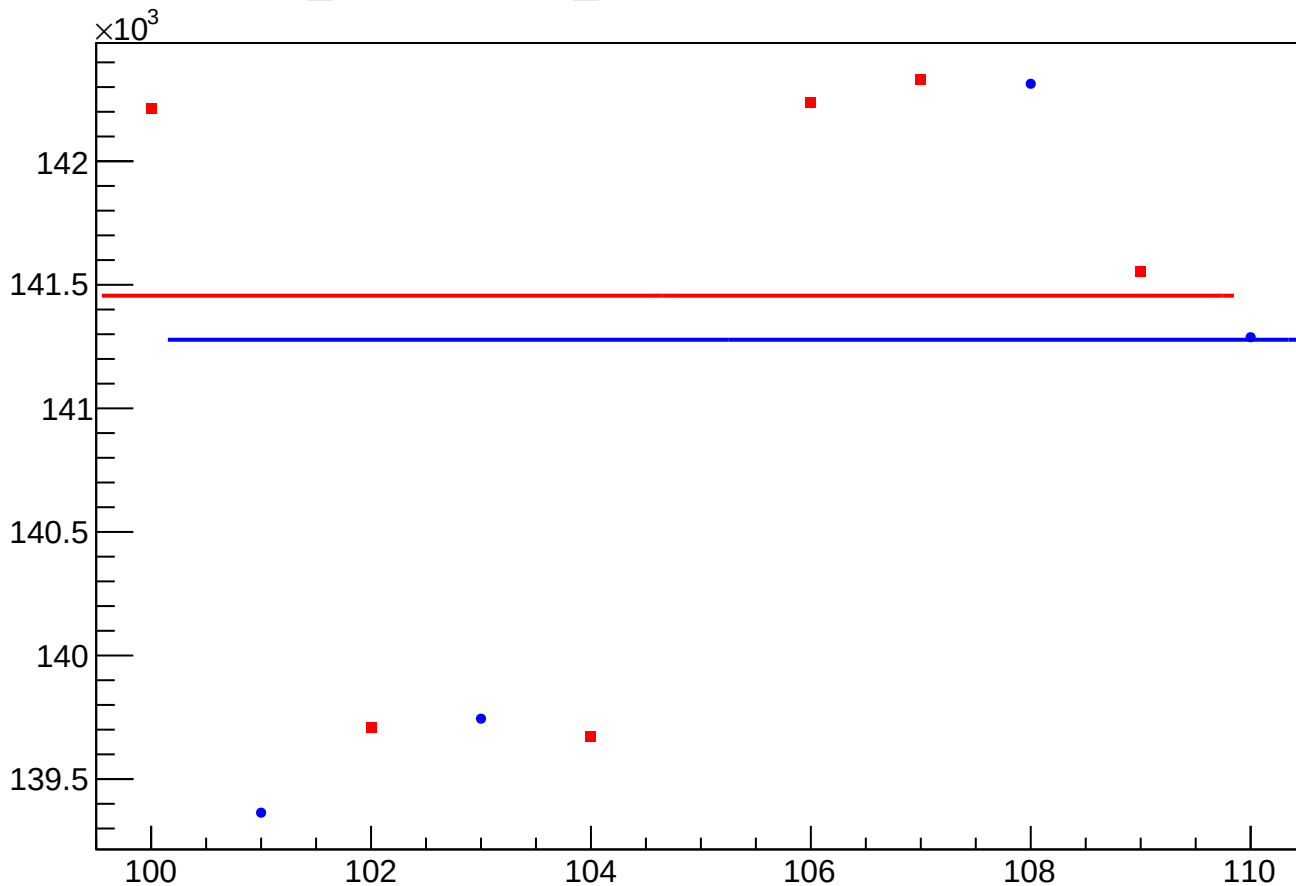
Right: 183.060+/-0.071 χ^2/NDF : 1870528.5/9

In: 184.965+/-0.105 χ^2/NDF : 891287.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

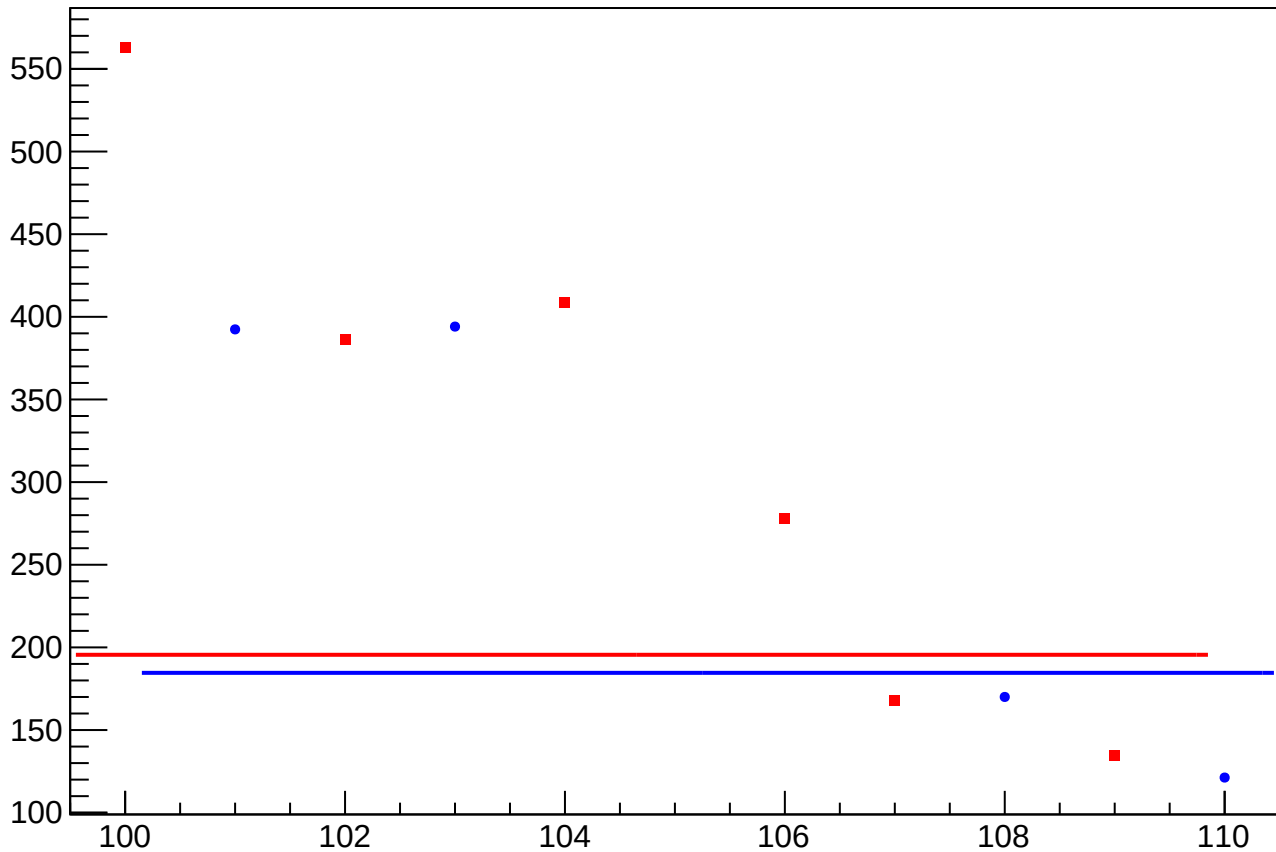
All: 183.060+/-0.071 χ^2/NDF : 1870528.5/9

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 141277.730 $\pm$ 0.149 χ^2 /NDF: 39116592.0/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 141455.983 $\pm$ 0.146 χ^2 /NDF: 32275356.8/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 141368.408 $\pm$ 0.104 χ^2 /NDF: 72124122.7/9
 In: 141277.730 $\pm$ 0.149 χ^2 /NDF:39116592.0/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 141368.408 $\pm$ 0.104 χ^2 /NDF: 72124122.7/9

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 184.602 $\pm$ 0.105 χ^2 /NDF: 905628.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 195.527 $\pm$ 0.103 χ^2 /NDF: 922948.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

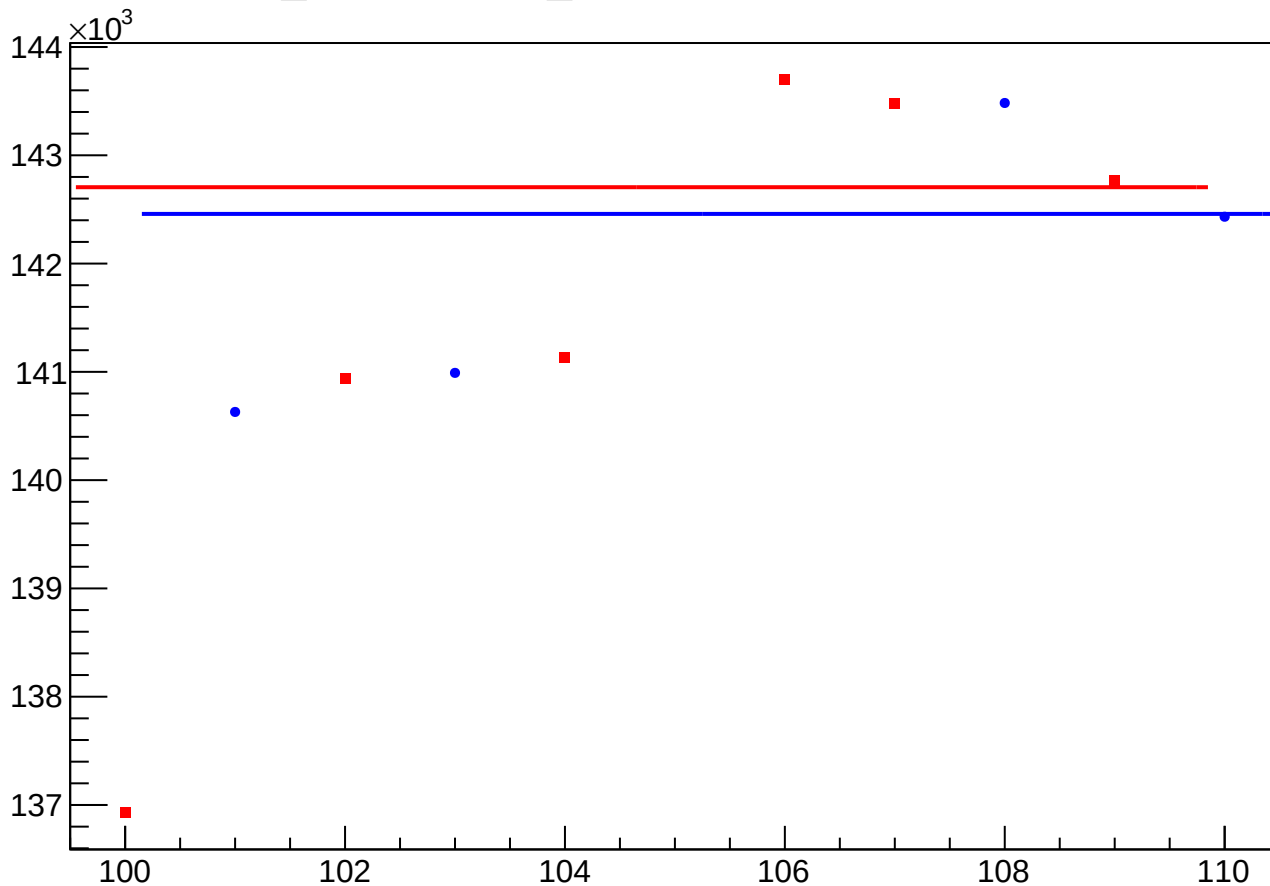
Right: 190.160 $\pm$ 0.074 χ^2 /NDF: 1834077.4/9

In: 184.602 $\pm$ 0.105 χ^2 /NDF:905628.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 190.160 $\pm$ 0.074 χ^2 /NDF: 1834077.4/9

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142458.650+/-0.147 χ^2 /NDF: 36968702.9/3

Right: 142585.991+/-0.103 χ^2 /NDF: 78350021.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142705.249+/-0.143 χ^2 /NDF: 39936084.0/5

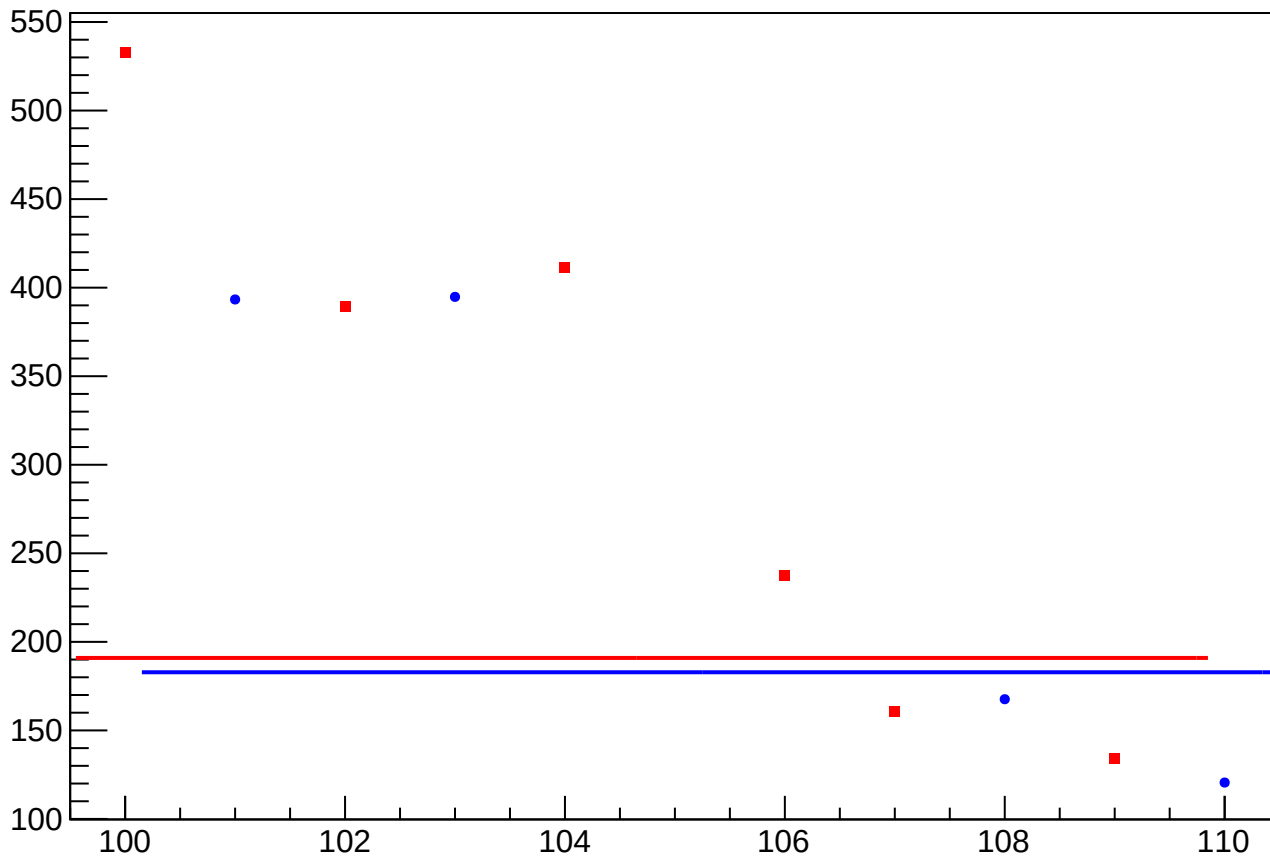
In: 142458.650+/-0.147 χ^2 /NDF: 36968702.9/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142585.991+/-0.103 χ^2 /NDF: 78350021.5/9

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 182.835+/-0.104 χ^2/NDF : 917892.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.924+/-0.101 χ^2/NDF : 907344.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

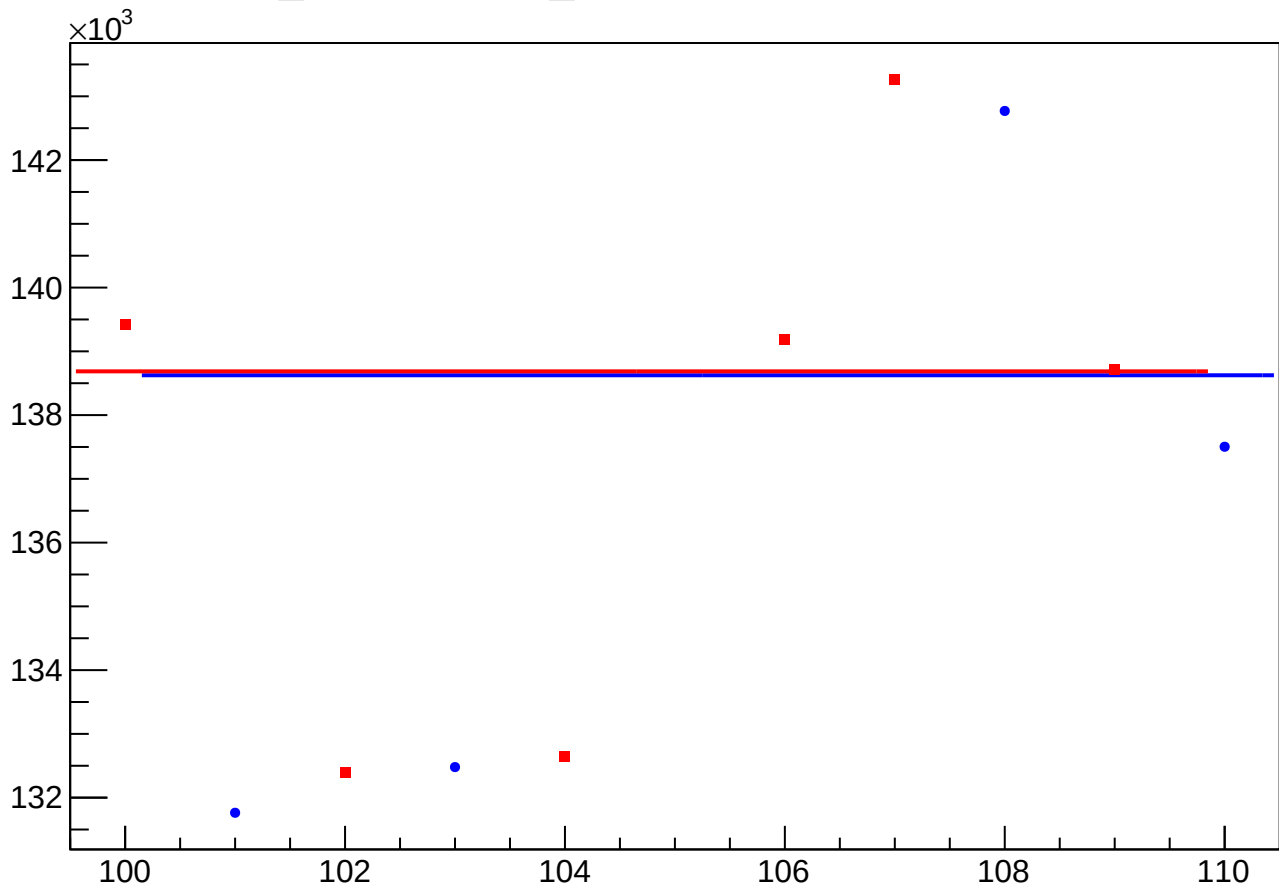
Right: 187.012+/-0.072 χ^2/NDF : 1828347.2/9

In: 182.835+/-0.104 χ^2/NDF : 917892.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.012+/-0.072 χ^2/NDF : 1828347.2/9

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 138624.739+/-0.229 χ^2 /NDF: 416489844.5/3

Right: 138656.859+/-0.158 χ^2 /NDF: 747959136.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 138686.138+/-0.218 χ^2 /NDF: 331431627.1/5

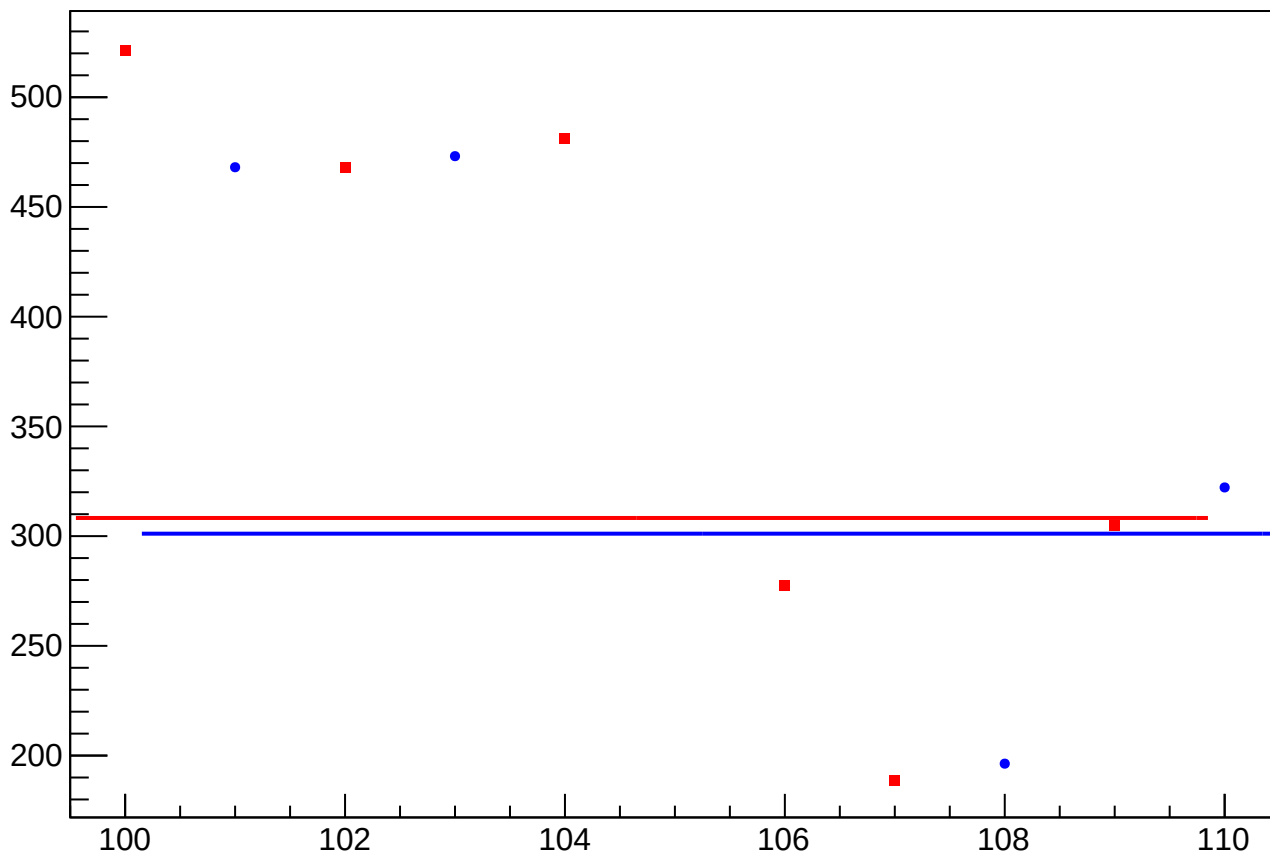
In: 138624.739+/-0.229 χ^2 /NDF: 416489844.5/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 138656.859+/-0.158 χ^2 /NDF: 747959136.9/9

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 301.120+/-0.162 χ^2/NDF : 546120.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 308.275+/-0.154 χ^2/NDF : 494186.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

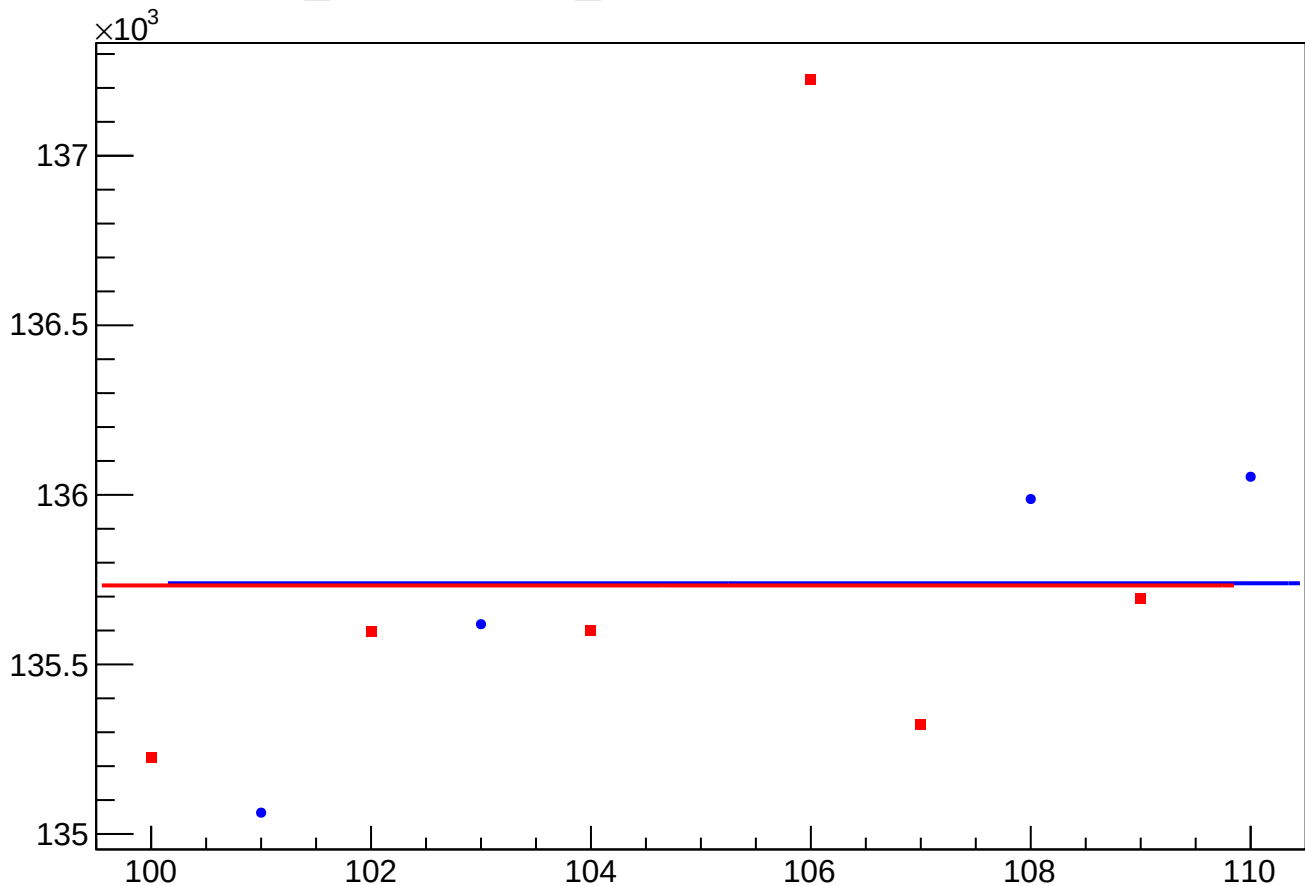
Right: 304.863+/-0.112 χ^2/NDF : 1041329.2/9

In: 301.120+/-0.162 χ^2/NDF : 546120.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

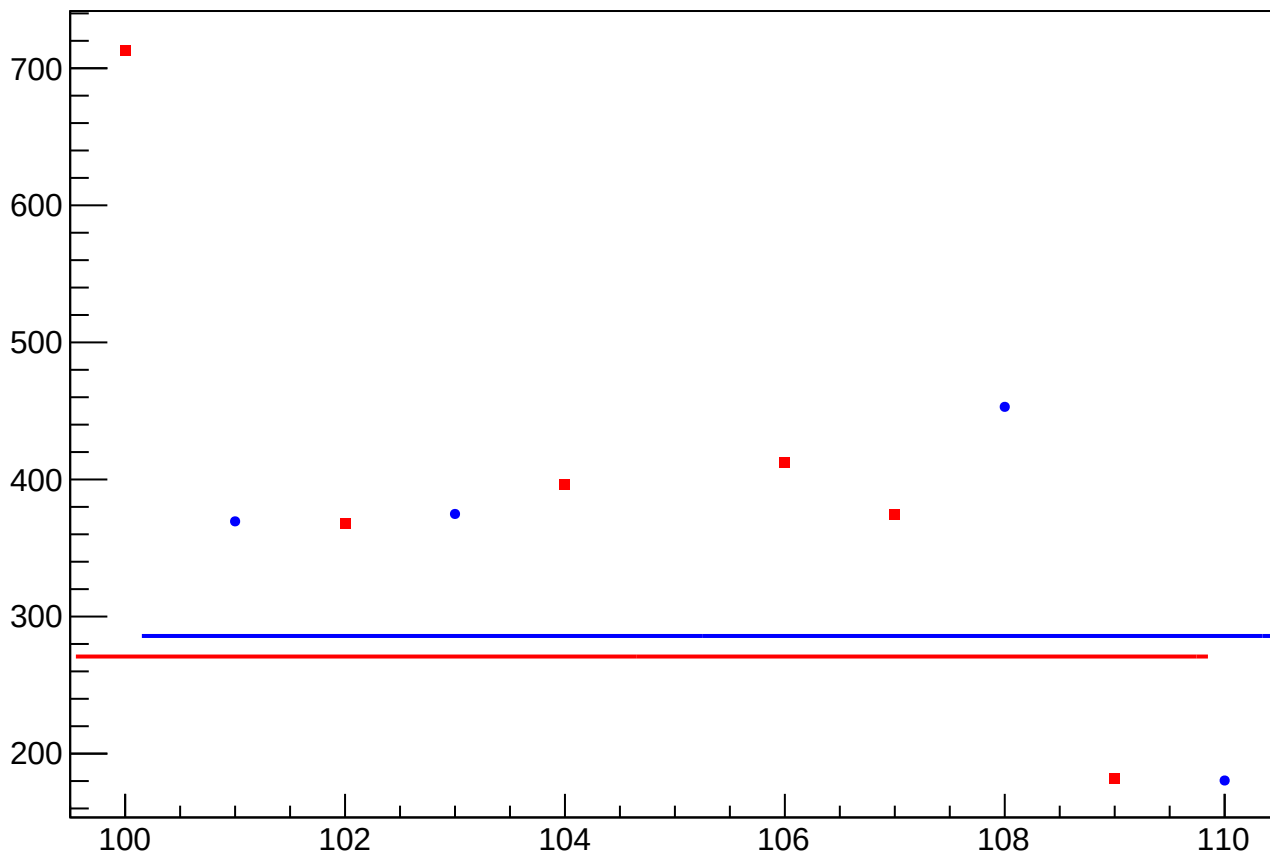
All: 304.863+/-0.112 χ^2/NDF : 1041329.2/9

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135739.331 $\pm$ 0.216 χ^2 /NDF: 3408018.6/3
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 135735.797 $\pm$ 0.145 χ^2 /NDF: 7435589.4/9
 Right Out: 135732.904 $\pm$ 0.195 χ^2 /NDF: 4027083.2/5
 In: 135739.331 $\pm$ 0.216 χ^2 /NDF: 3408018.6/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 135735.797 $\pm$ 0.145 χ^2 /NDF: 7435589.4

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 285.836+/-0.153 χ^2/NDF : 474823.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.840+/-0.138 χ^2/NDF : 580874.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

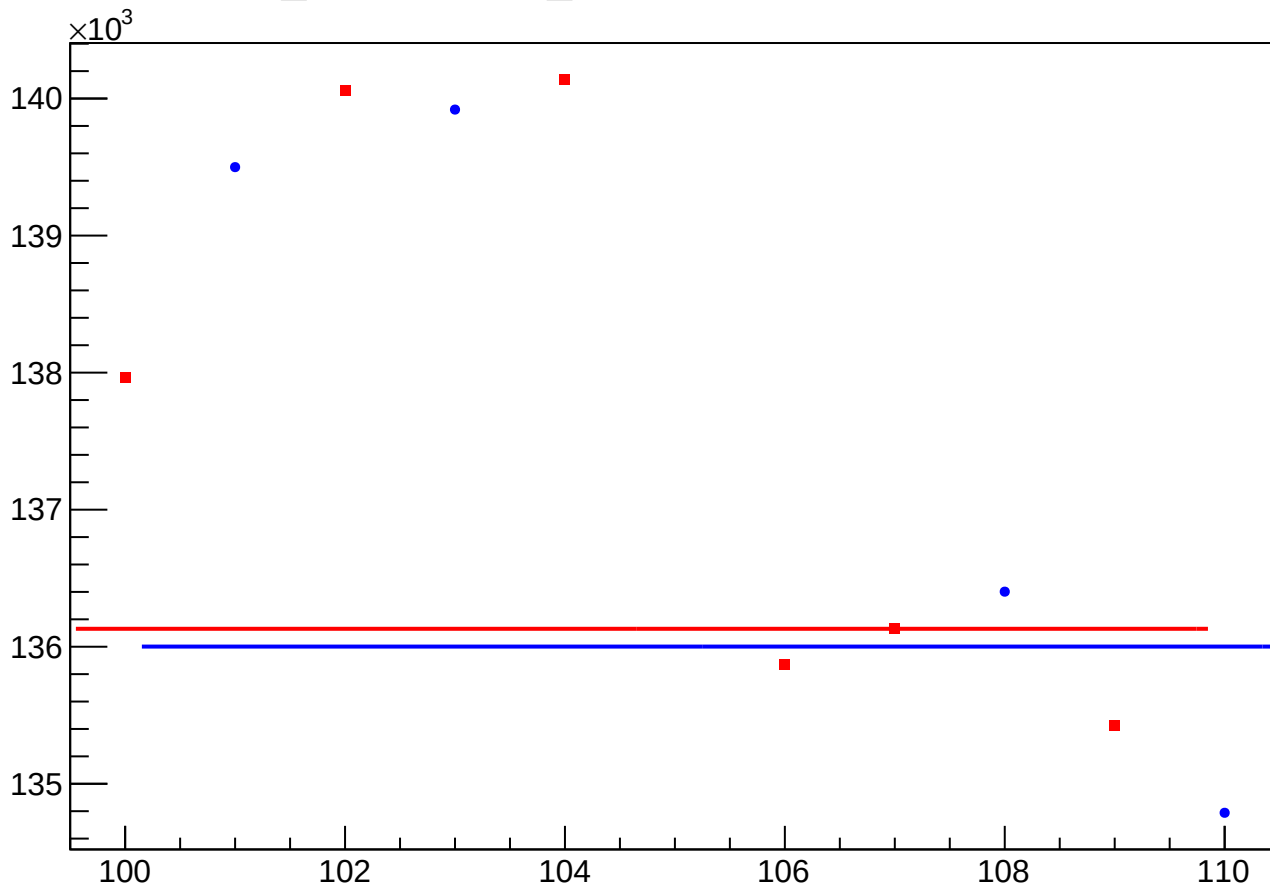
Right: 277.589+/-0.102 χ^2/NDF : 1061008.0/9

In: 285.836+/-0.153 χ^2/NDF : 474823.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.589+/-0.102 χ^2/NDF : 1061008.0/9

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 136001.117+/-0.118 χ^2 /NDF: 176450226.2/3

Right: 136066.983+/-0.083 χ^2 /NDF: 316858870.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 136130.855+/-0.116 χ^2 /NDF: 139793265.7/5

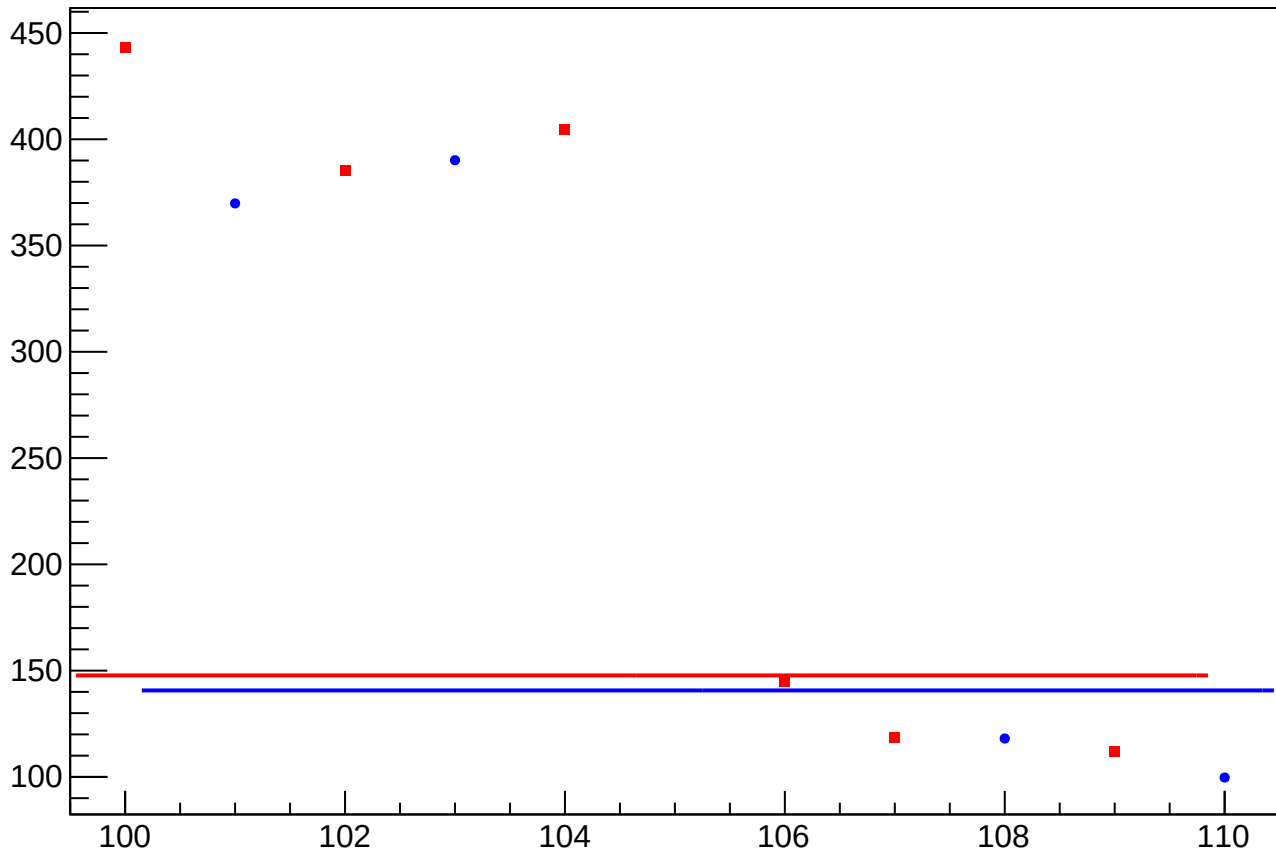
In: 136001.117+/-0.118 χ^2 /NDF: 176450226.2/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 136066.983+/-0.083 χ^2 /NDF: 316858870.4/9

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 140.677 $\pm$ 0.083 χ^2 /NDF: 1144643.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 147.745 $\pm$ 0.082 χ^2 /NDF: 1106857.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

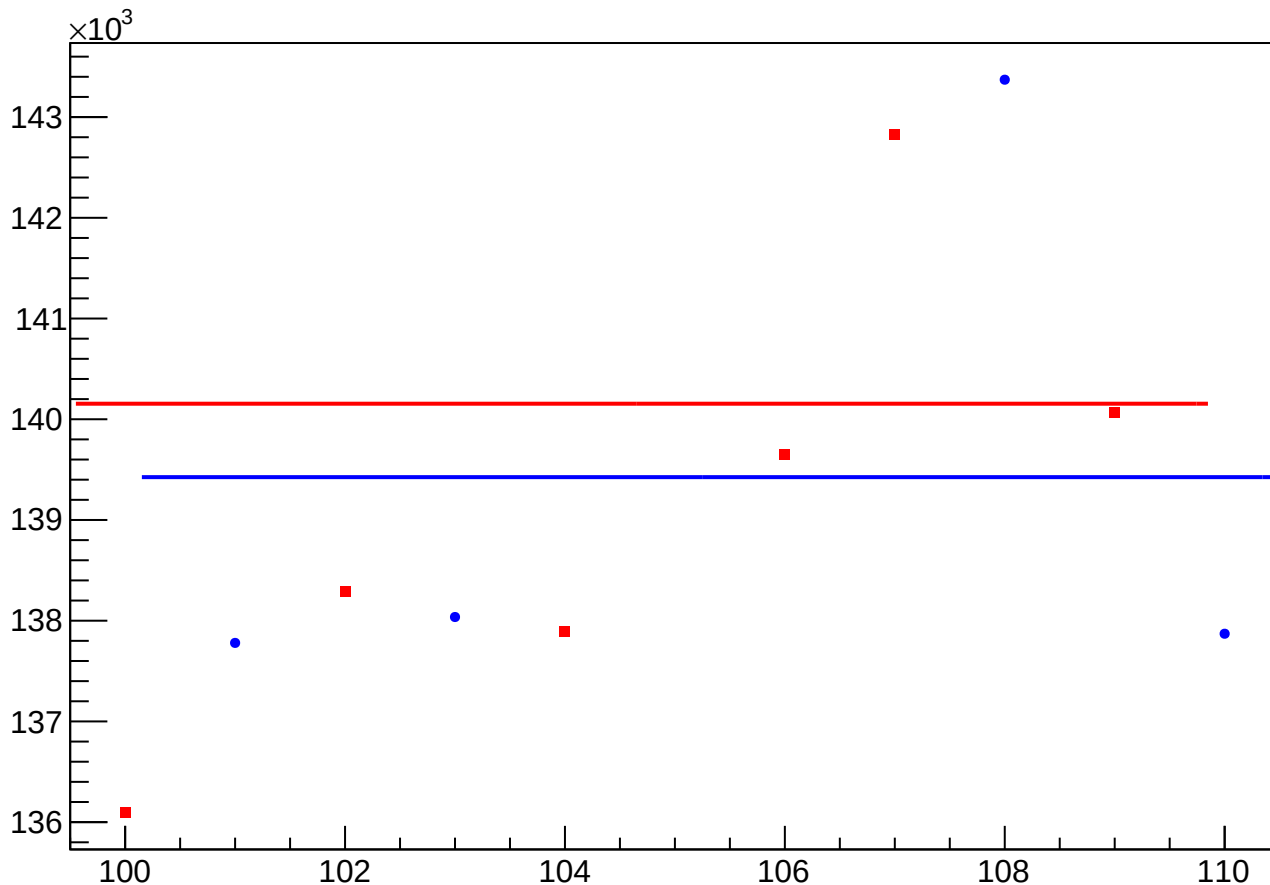
Right: 144.265 $\pm$ 0.058 χ^2 /NDF: 2255153.4/9

In: 140.677 $\pm$ 0.083 χ^2 /NDF:1144643.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 144.265 $\pm$ 0.058 χ^2 /NDF: 2255153.4/9

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 139425.298+/-0.142 χ^2 /NDF: 301343543.2/3

Right: 139798.598+/-0.099 χ^2 /NDF: 420910733.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 140154.351+/-0.139 χ^2 /NDF: 106134563.5/5

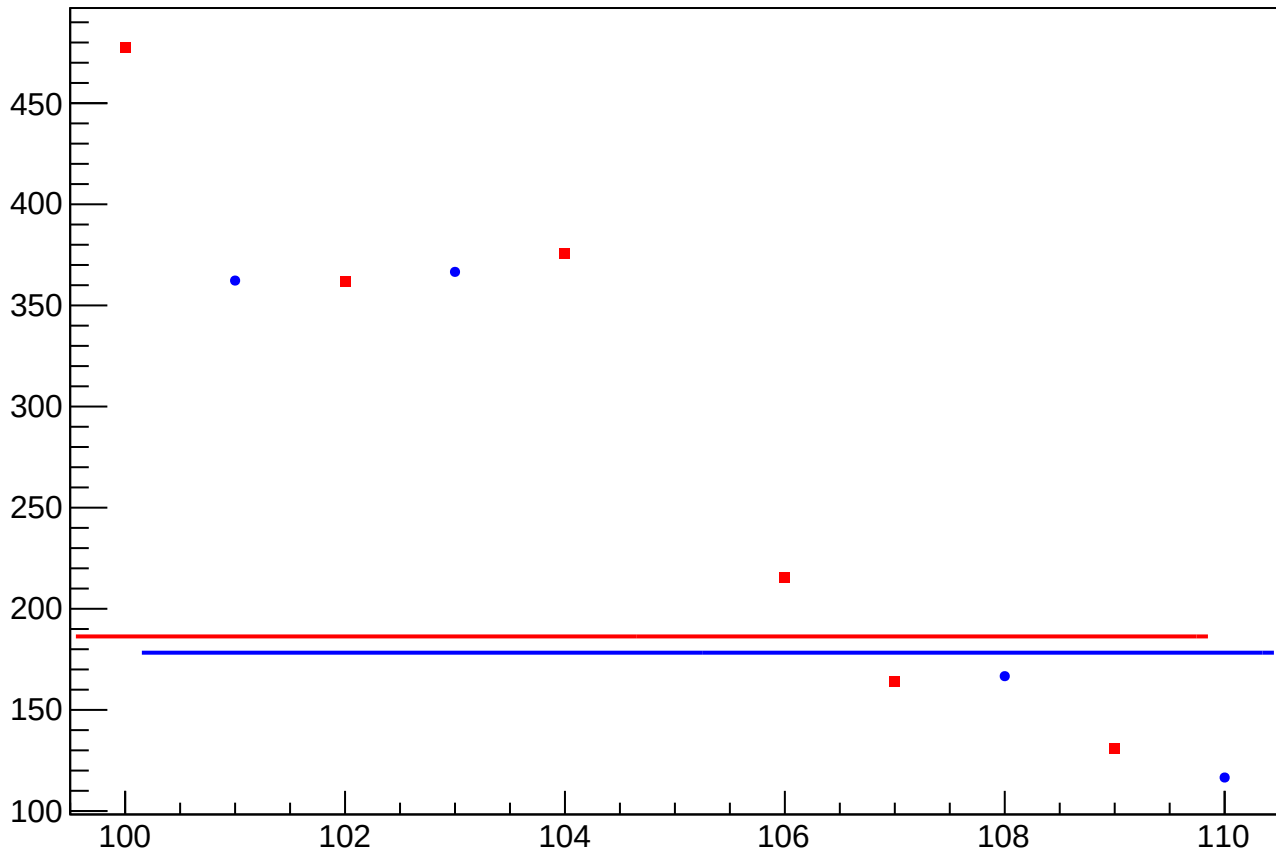
In: 139425.298+/-0.142 χ^2 /NDF: 301343543.2/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 139798.598+/-0.099 χ^2 /NDF: 420910733.0/9

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 178.291+/-0.101 χ^2/NDF : 858245.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.328+/-0.098 χ^2/NDF : 816357.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

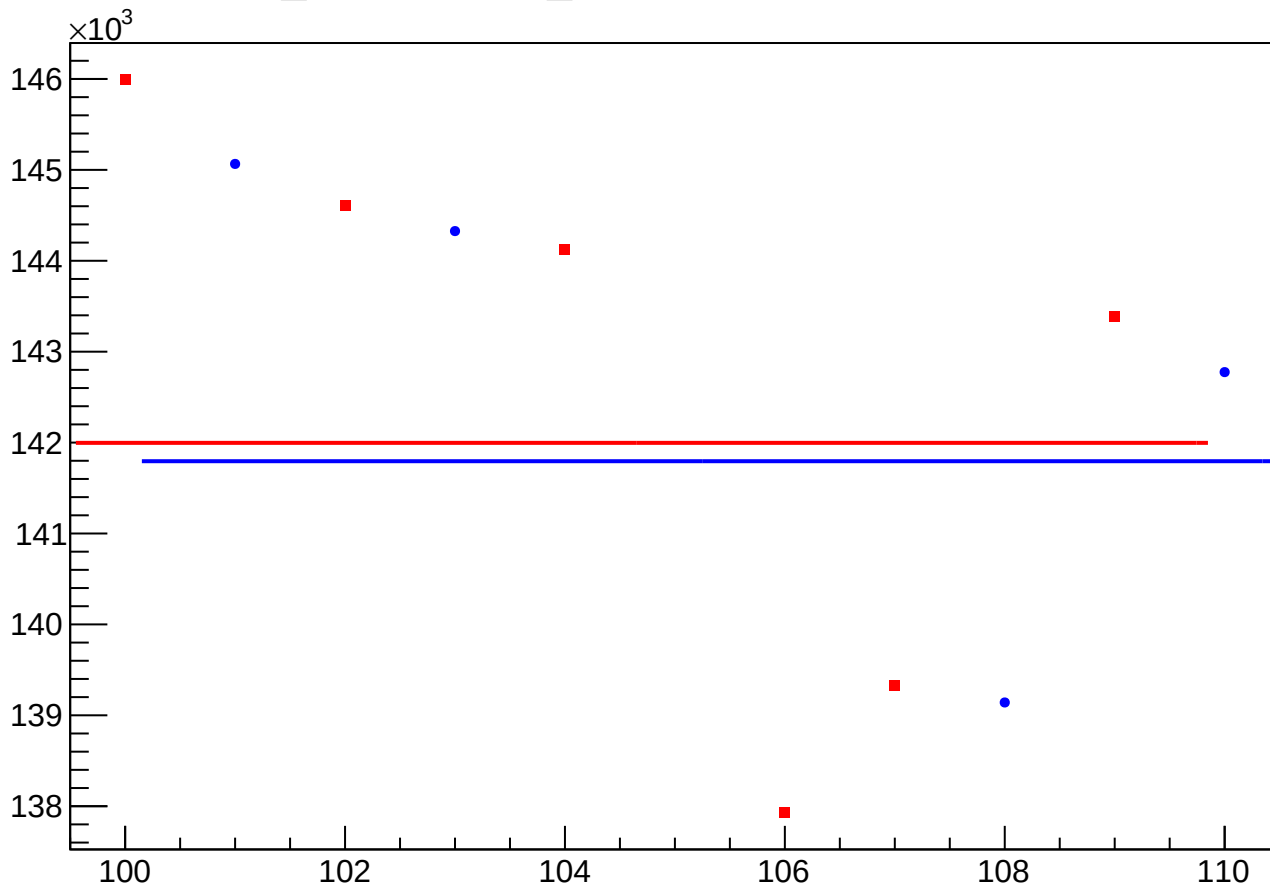
Right: 182.406+/-0.070 χ^2/NDF : 1677867.8/9

In: 178.291+/-0.101 χ^2/NDF : 858245.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.406+/-0.070 χ^2/NDF : 1677867.8/9

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 141795.177+/-0.145 χ^2 /NDF: 229186500.1/3

Right: 141901.550+/-0.100 χ^2 /NDF: 525650315.3/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 141997.059+/-0.137 χ^2 /NDF: 295441878.9/5

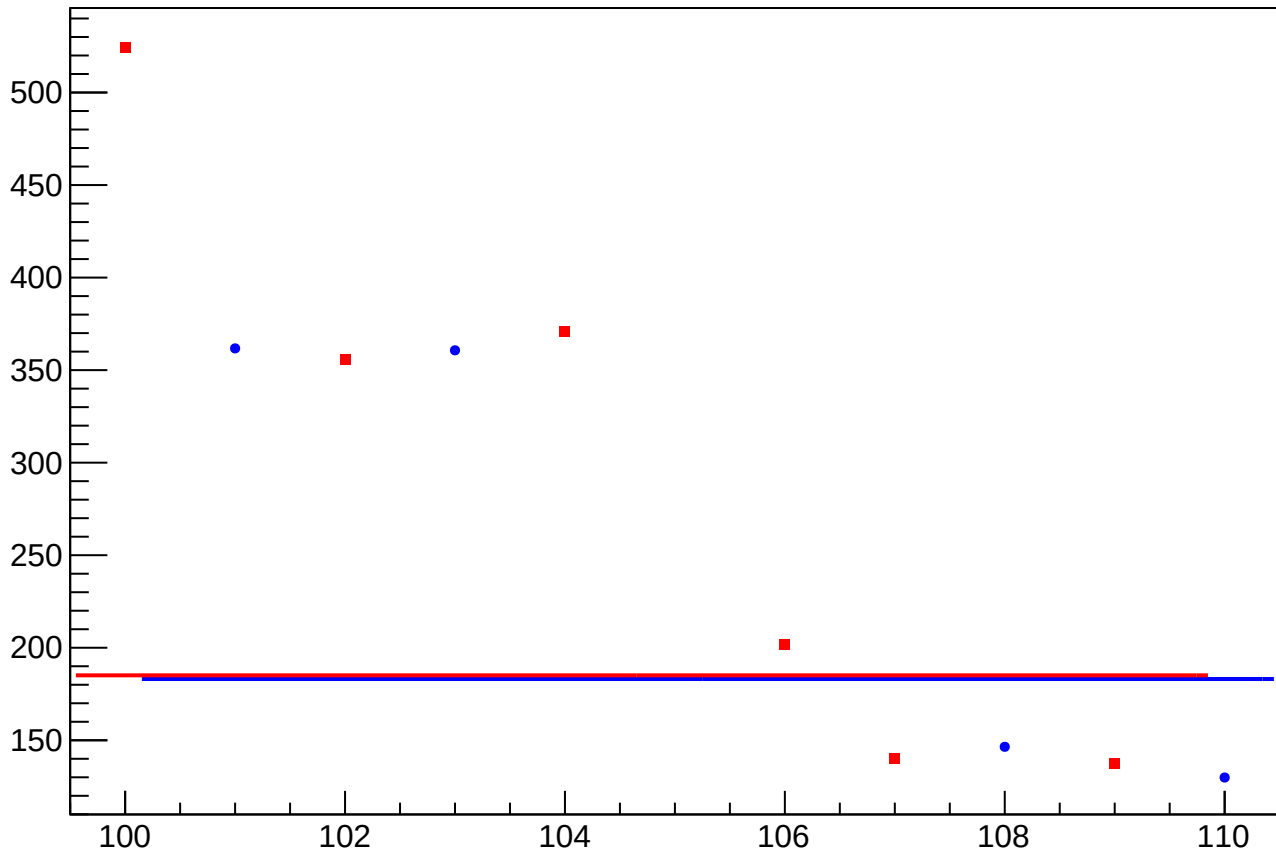
In: 141795.177+/-0.145 χ^2 /NDF: 229186500.1/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 141901.550+/-0.100 χ^2 /NDF: 525650315.3/9

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 183.106+/-0.103 χ^2/NDF : 774241.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.091+/-0.097 χ^2/NDF : 786325.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

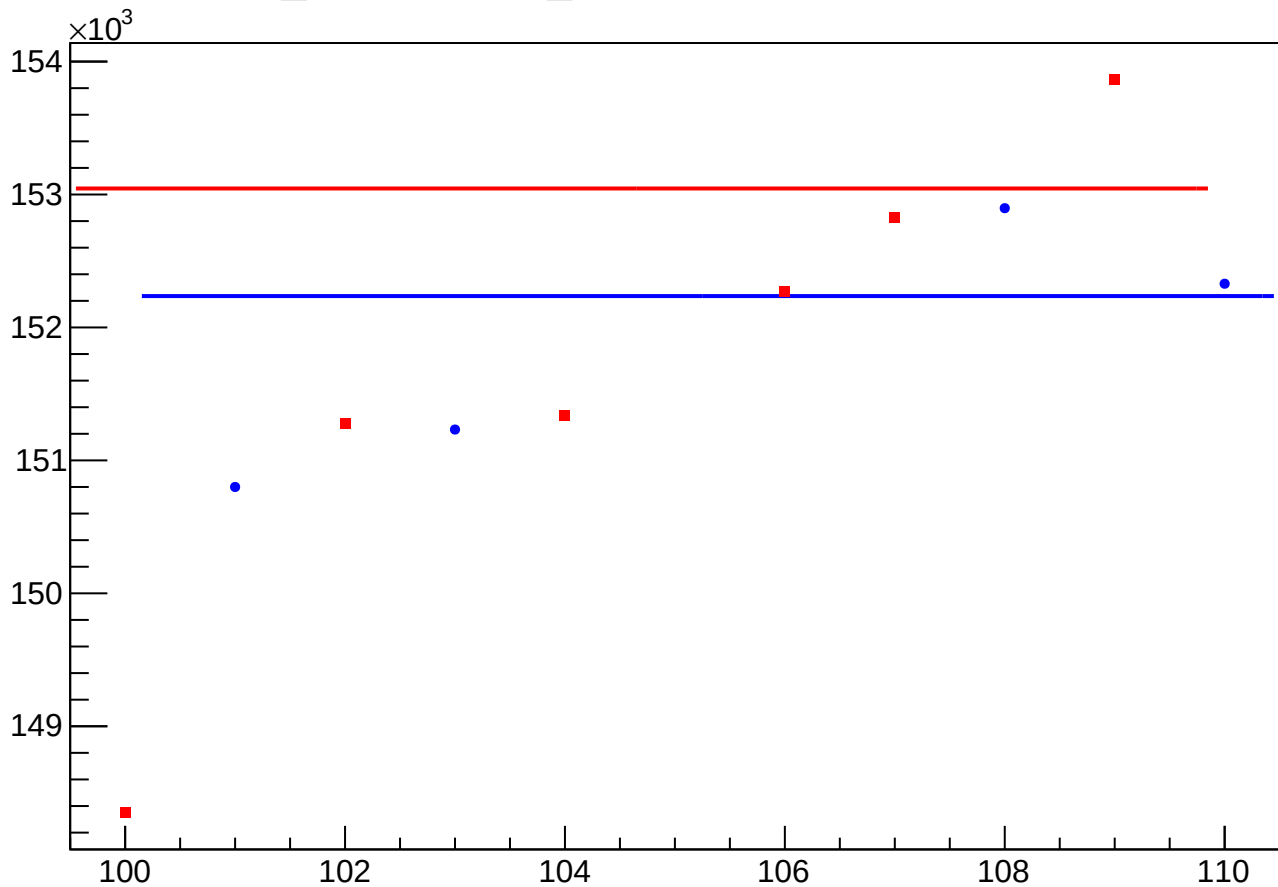
Right: 184.152+/-0.071 χ^2/NDF : 1560764.8/9

In: 183.106+/-0.103 χ^2/NDF : 774241.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.152+/-0.071 χ^2/NDF : 1560764.8/9

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 152236.028+/-0.158 χ^2 /NDF: 19954119.1/3

Right: 152677.198+/-0.107 χ^2 /NDF: 85023409.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 153045.359+/-0.144 χ^2 /NDF: 50783678.5/5

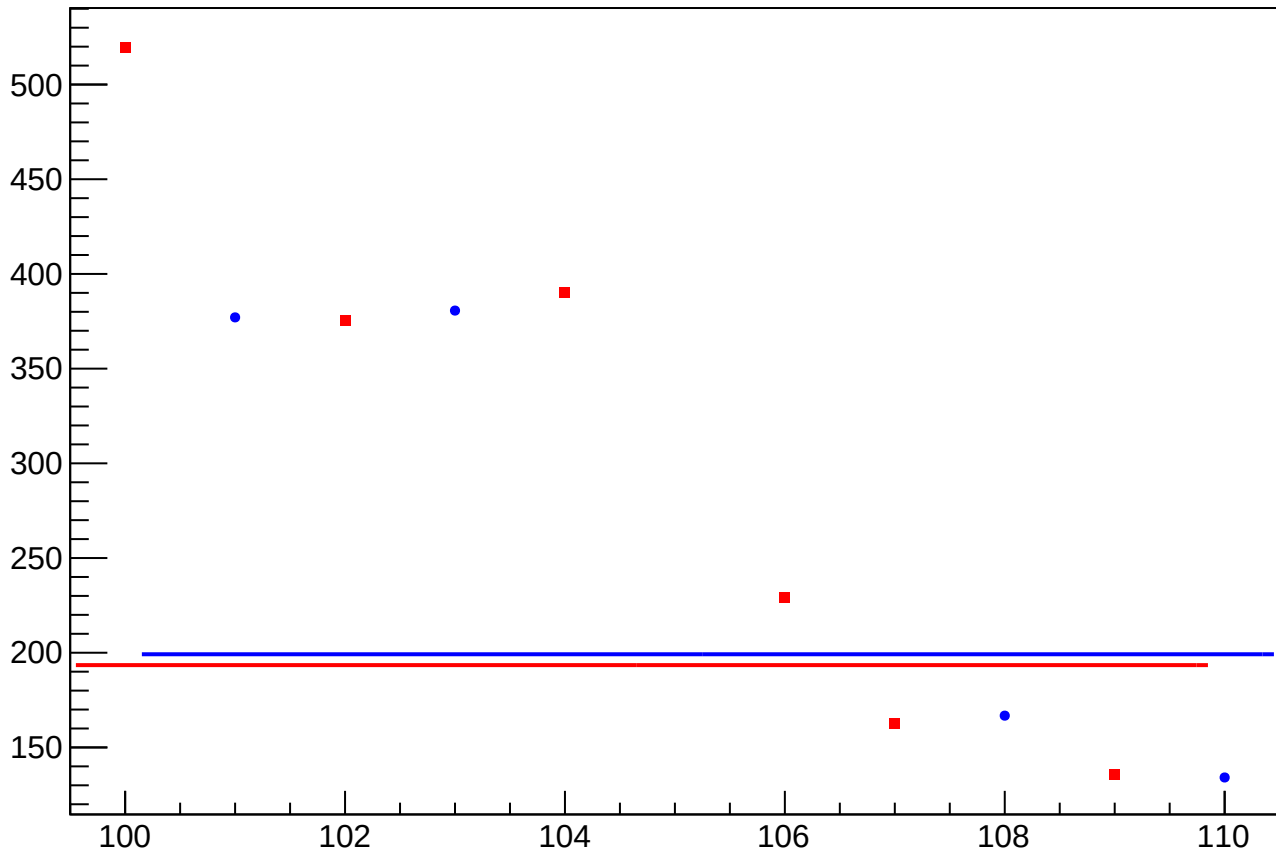
In: 152236.028+/-0.158 χ^2 /NDF: 19954119.1/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152677.198+/-0.107 χ^2 /NDF: 85023409.5/9

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 199.195+/-0.112 χ^2/NDF : 742146.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 193.464+/-0.102 χ^2/NDF : 826359.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

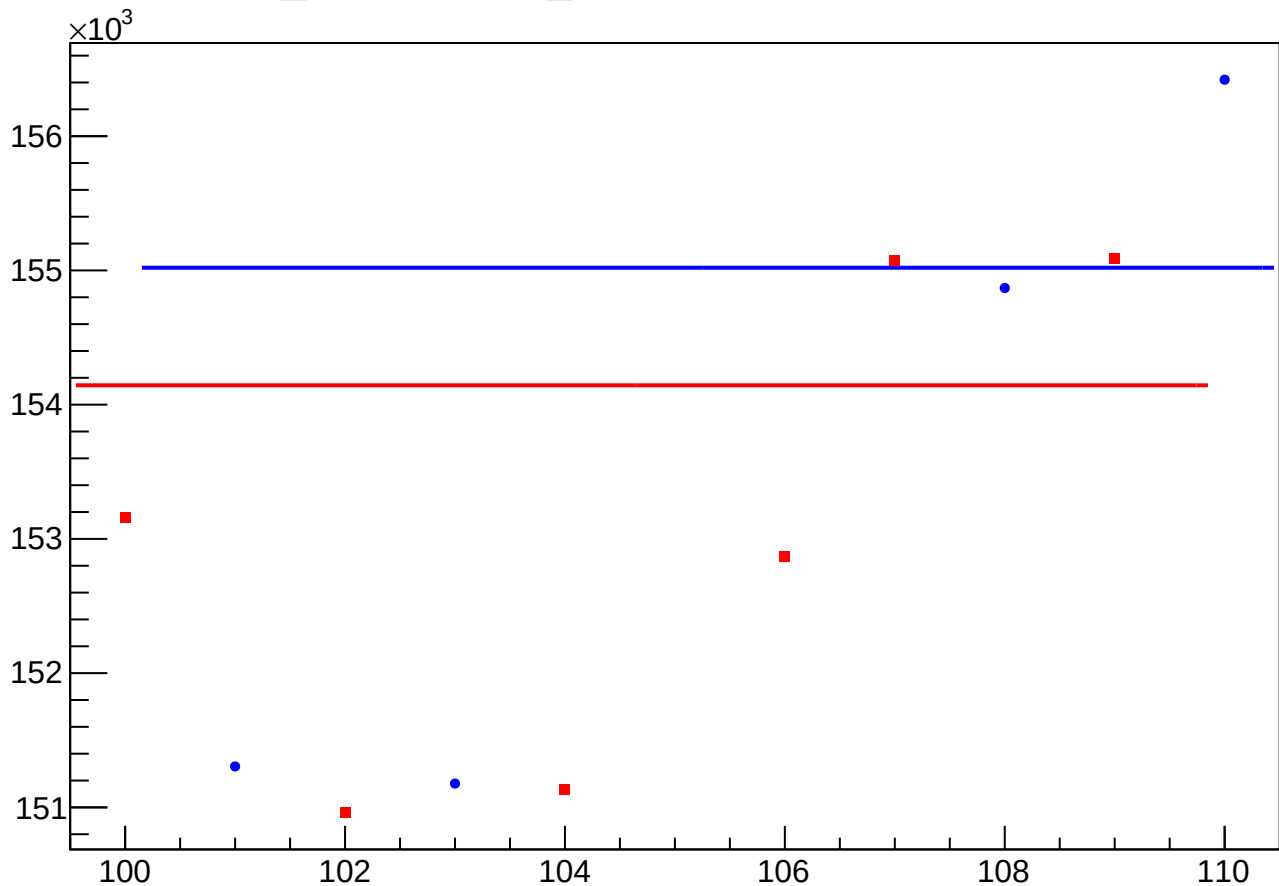
Right: 196.071+/-0.075 χ^2/NDF : 1569938.7/9

In: 199.195+/-0.112 χ^2/NDF : 742146.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.071+/-0.075 χ^2/NDF : 1569938.7/9

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155020.204+/-0.141 χ^2 /NDF: 160857511.3/3

Right: 154526.426+/-0.093 χ^2 /NDF: 308724638.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 154144.240+/-0.124 χ^2 /NDF: 125977311.6/5

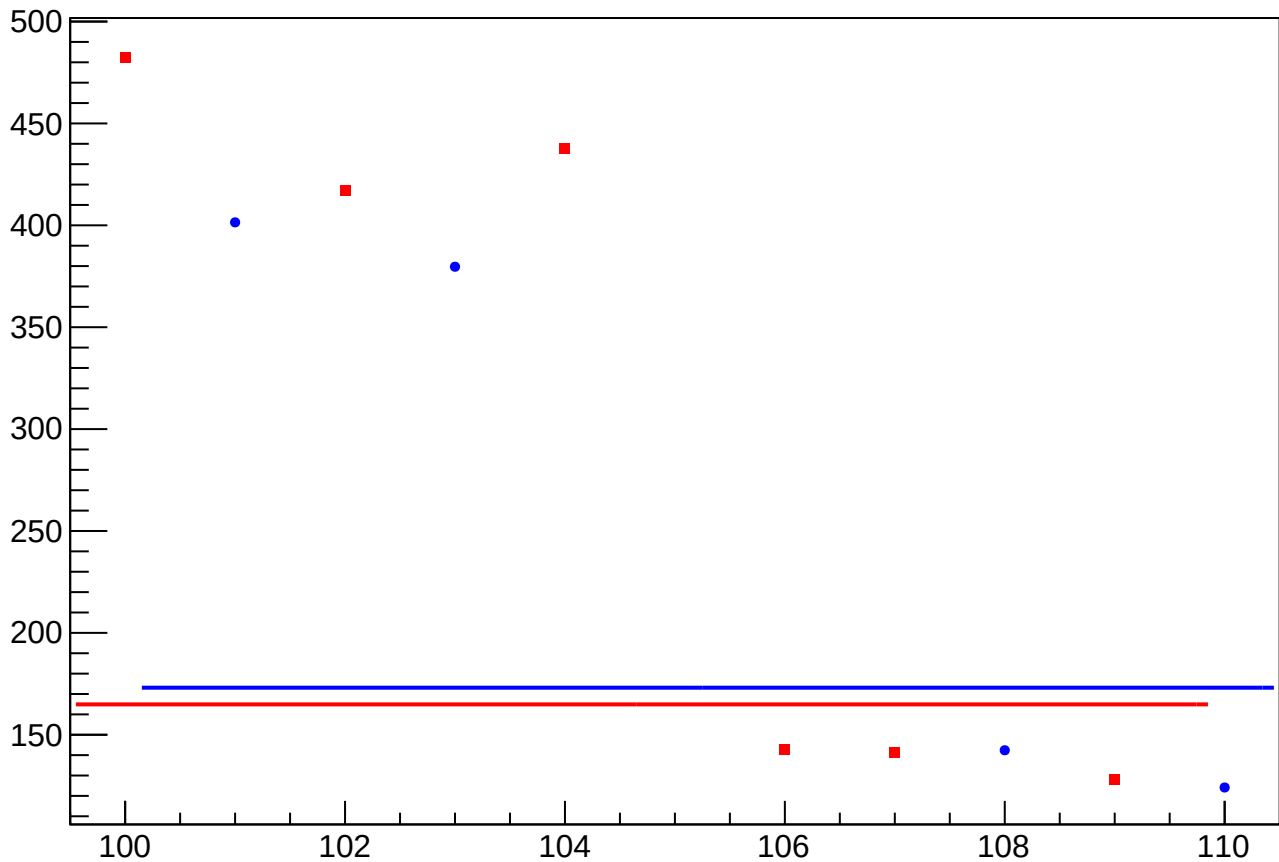
In: 155020.204+/-0.141 χ^2 /NDF: 160857511.3/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 154526.426+/-0.093 χ^2 /NDF: 308724638.8/9

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 173.101+/-0.099 χ^2/NDF : 908515.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.907+/-0.087 χ^2/NDF : 1052031.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

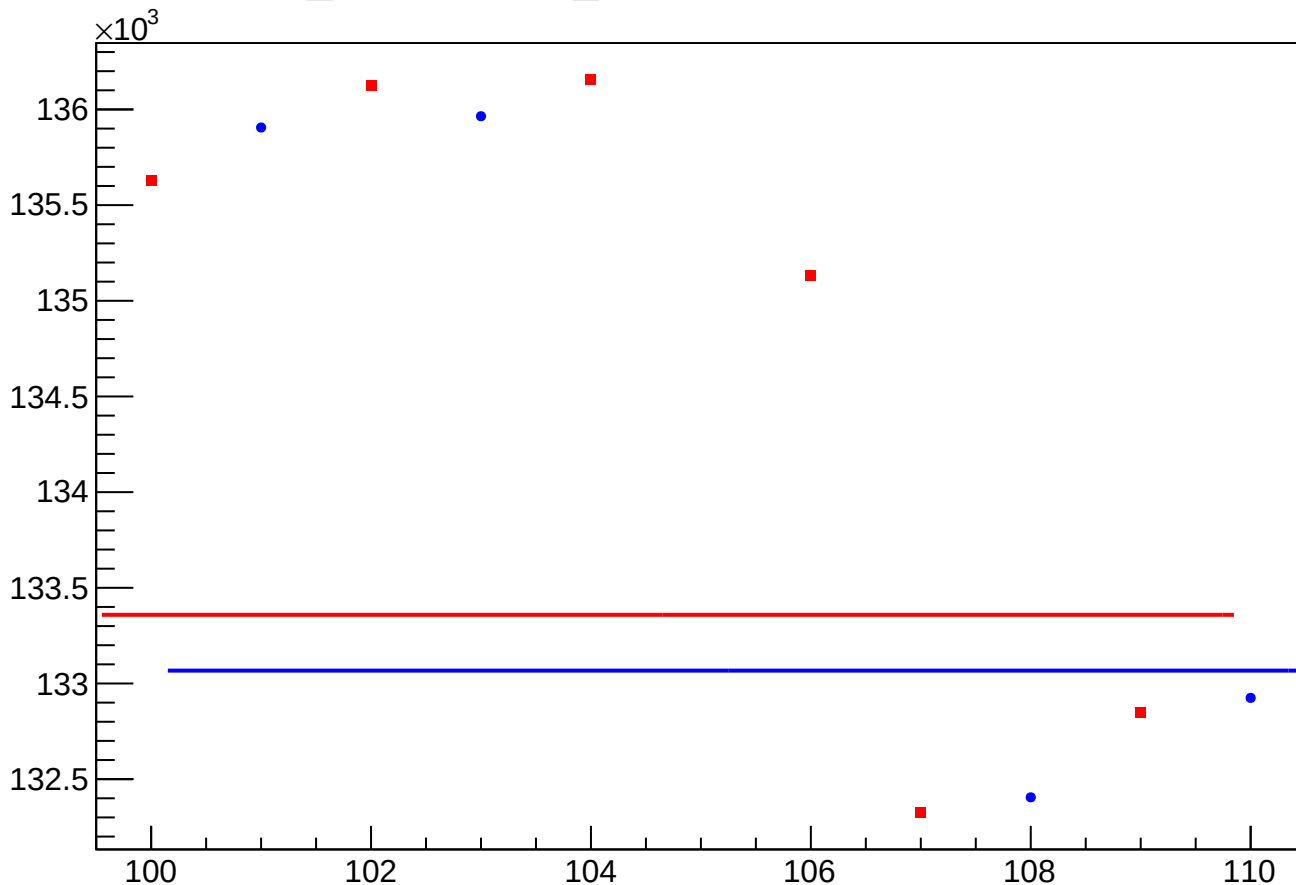
Right: 168.482+/-0.066 χ^2/NDF : 1964376.8/9

In: 173.101+/-0.099 χ^2/NDF : 908515.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

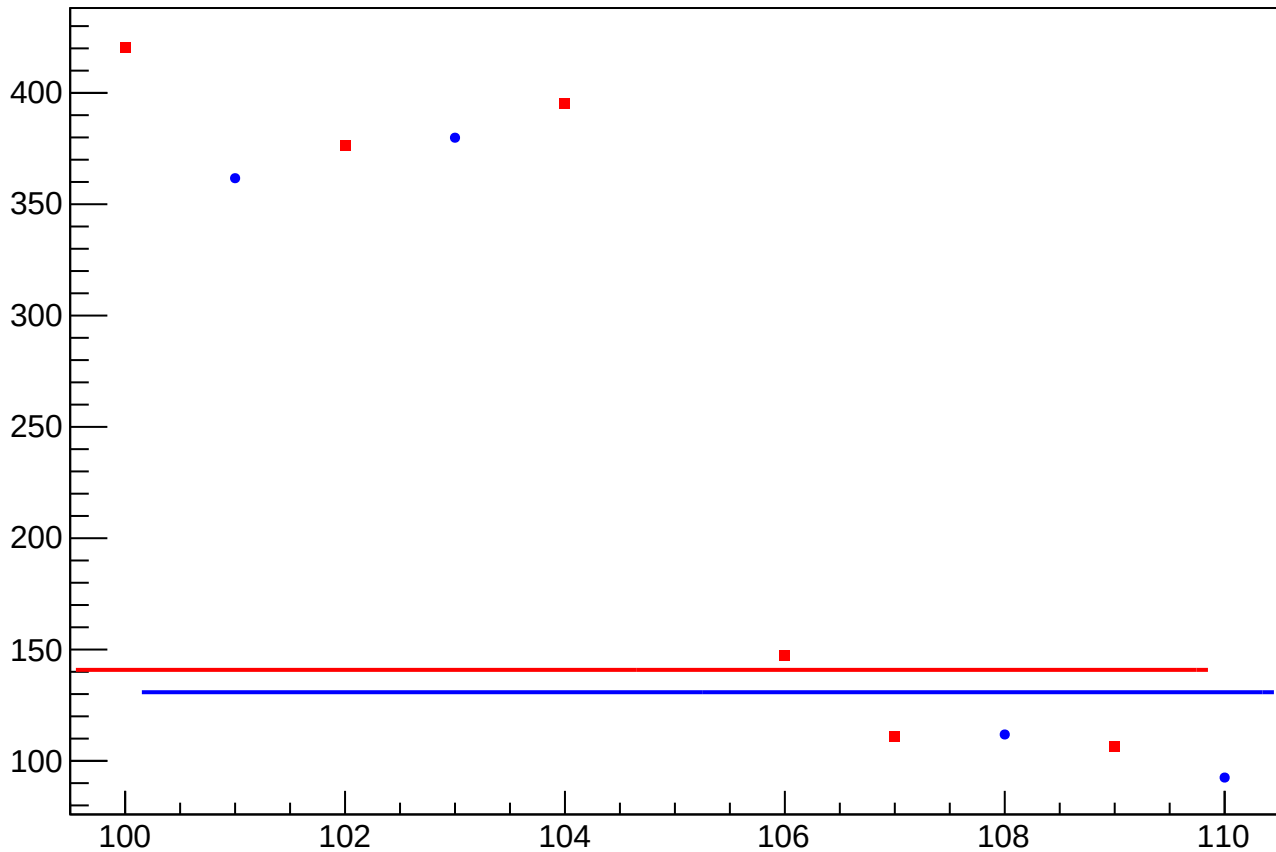
All: 168.482+/-0.066 χ^2/NDF : 1964376.8/9

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 133067.278 $\pm$ 0.110 χ^2 /NDF: 89893440.6/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 133358.917 $\pm$ 0.110 χ^2 /NDF: 130425530.4/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 133214.144 $\pm$ 0.078 χ^2 /NDF: 223837145.2/9
 In: 133067.278 $\pm$ 0.110 χ^2 /NDF:89893440.6/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 133214.144 $\pm$ 0.078 χ^2 /NDF: 223837145.2/9

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 130.833+/-0.078 χ^2/NDF : 1200185.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.872+/-0.077 χ^2/NDF : 1140836.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

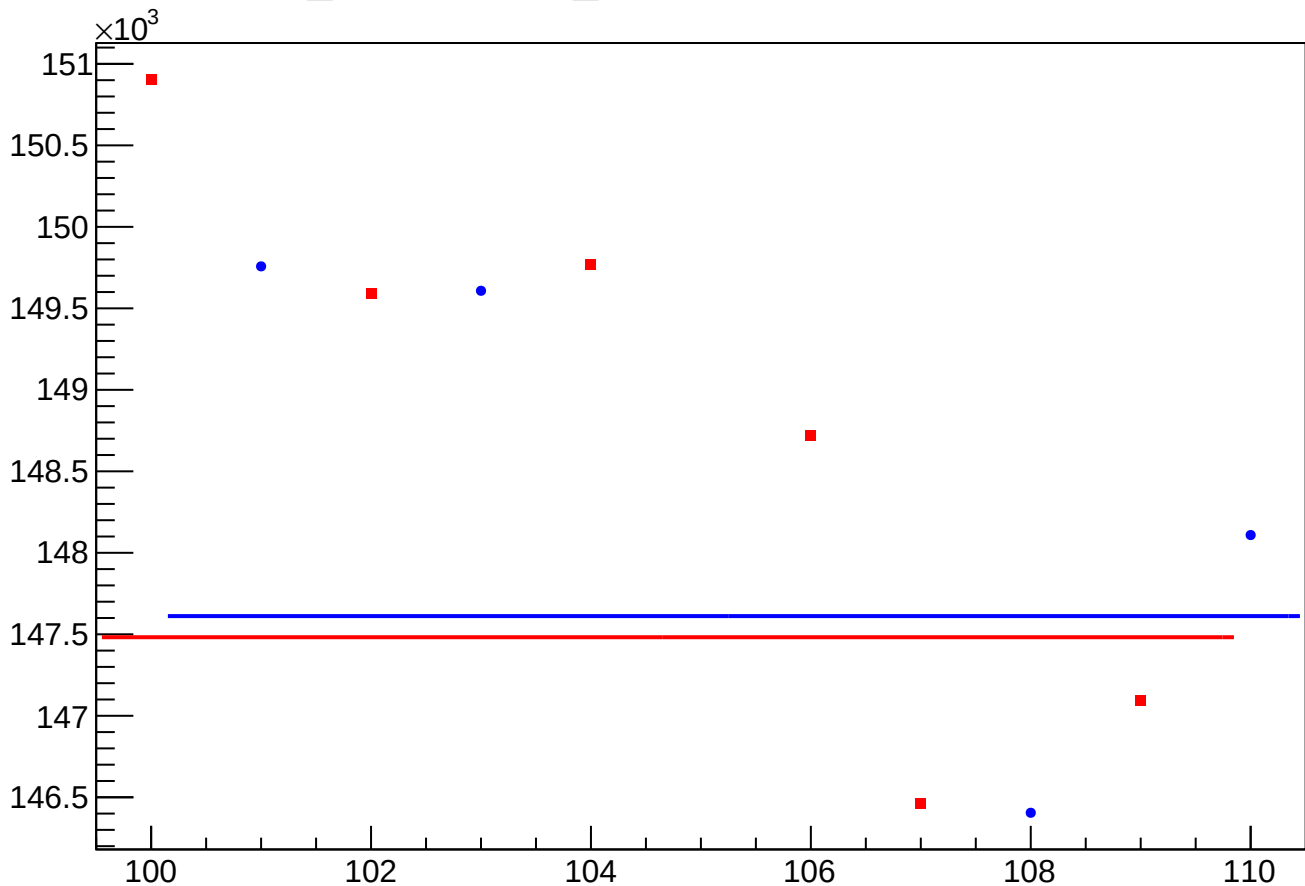
Right: 135.888+/-0.055 χ^2/NDF : 2349357.9/9

In: 130.833+/-0.078 χ^2/NDF : 1200185.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

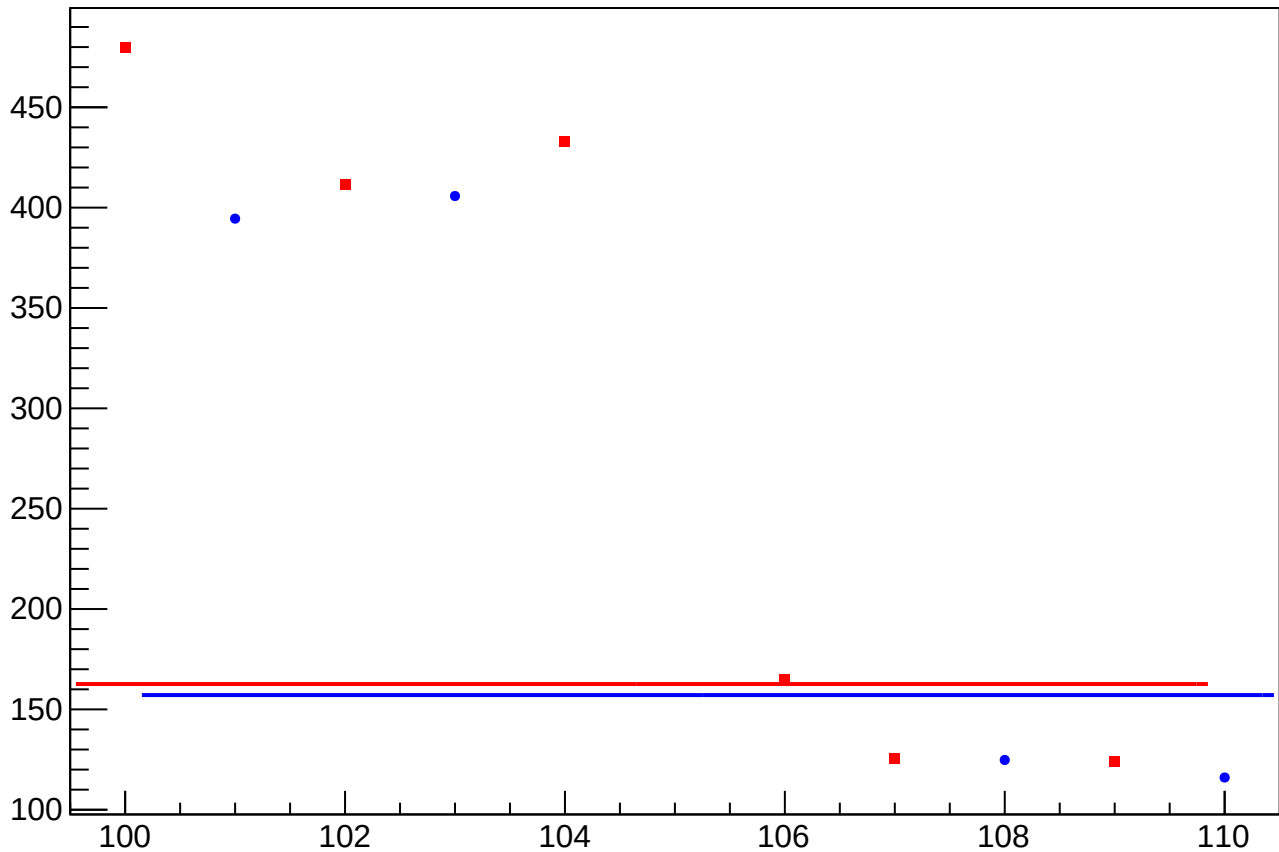
All: 135.888+/-0.055 χ^2/NDF : 2349357.9/9

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 147611.678 $\pm$ 0.130 χ^2 /NDF: 76413194.6/3
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 147543.836 $\pm$ 0.090 χ^2 /NDF: 148829537.9/9
 Right Out: 147482.067 $\pm$ 0.124 χ^2 /NDF: 71893674.7/5
 In: 147611.678 $\pm$ 0.130 χ^2 /NDF: 76413194.6/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 147543.836 $\pm$ 0.090 χ^2 /NDF: 148829537.9/9

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 157.132+/-0.092 χ^2/NDF : 1066784.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.630+/-0.088 χ^2/NDF : 1079738.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

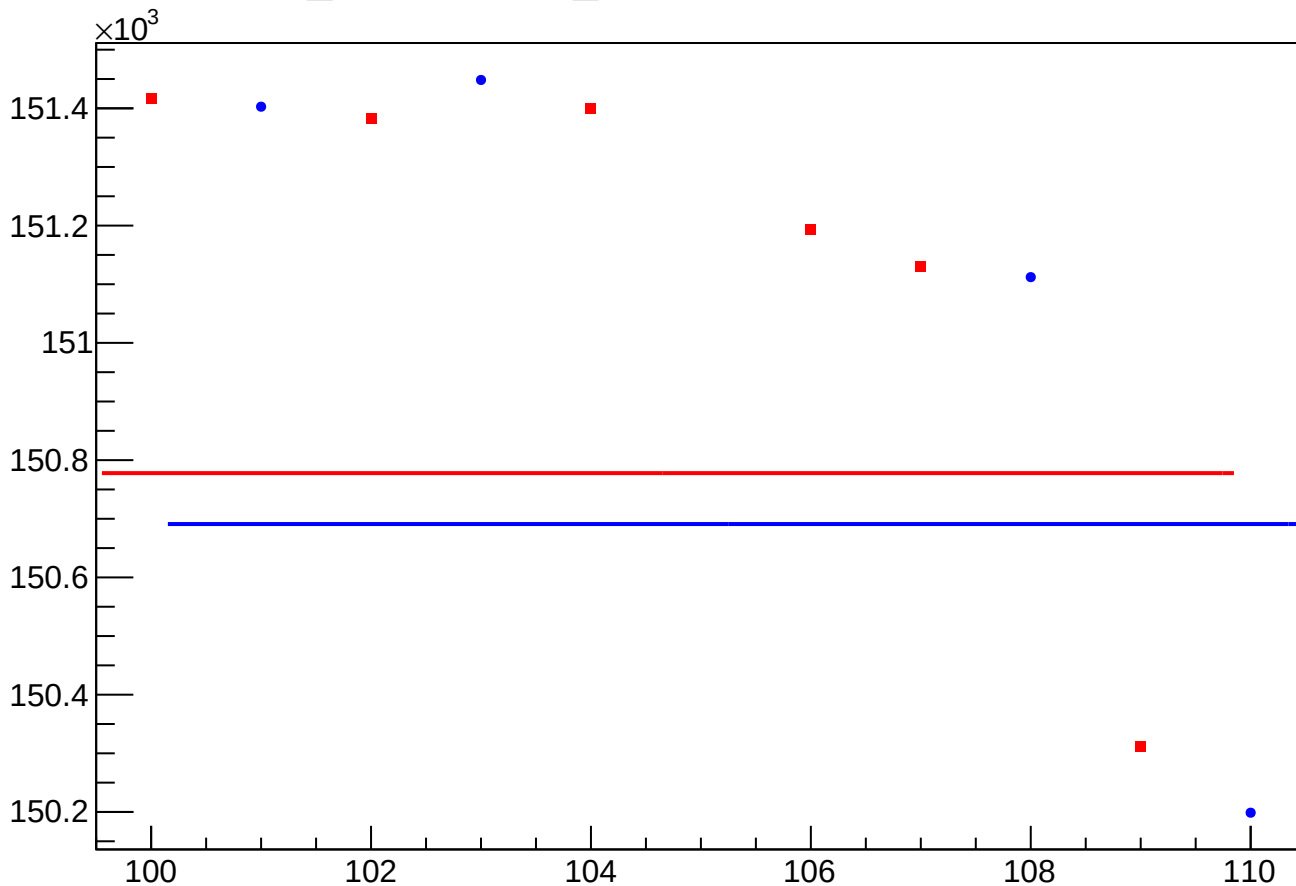
Right: 160.009+/-0.063 χ^2/NDF : 2148403.5/9

In: 157.132+/-0.092 χ^2/NDF : 1066784.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

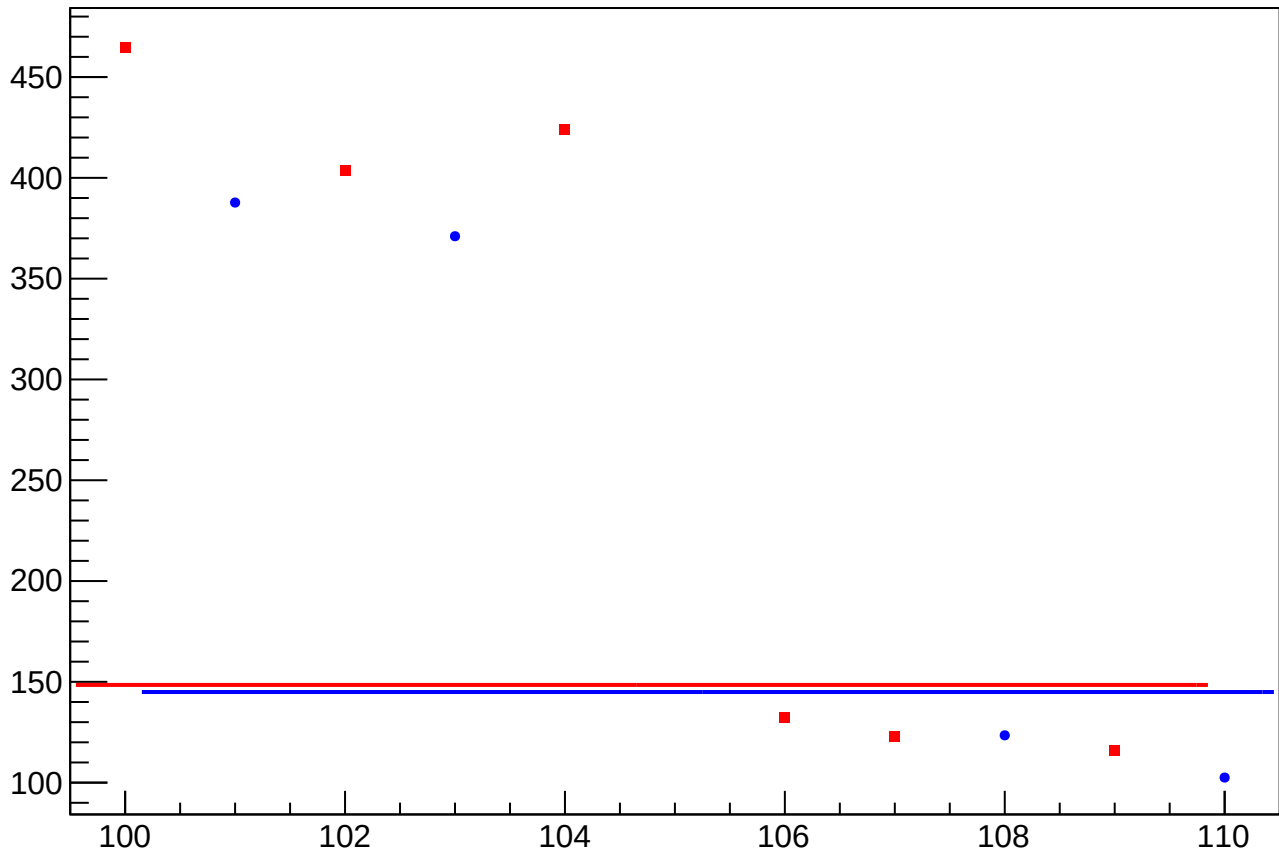
All: 160.009+/-0.063 χ^2/NDF : 2148403.5/9

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150691.027 $\pm$ 0.121 χ^2 /NDF: 17341587.7/3
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 150737.630 $\pm$ 0.083 χ^2 /NDF: 33591035.5/9
 Right Out: 150777.864 $\pm$ 0.113 χ^2 /NDF: 15974600.8/5
 In: 150691.027 $\pm$ 0.121 χ^2 /NDF: 17341587.7/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 150737.630 $\pm$ 0.083 χ^2 /NDF: 33591035.5/9

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 144.950+/-0.086 χ^2/NDF : 1083185.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.465+/-0.080 χ^2/NDF : 1132208.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

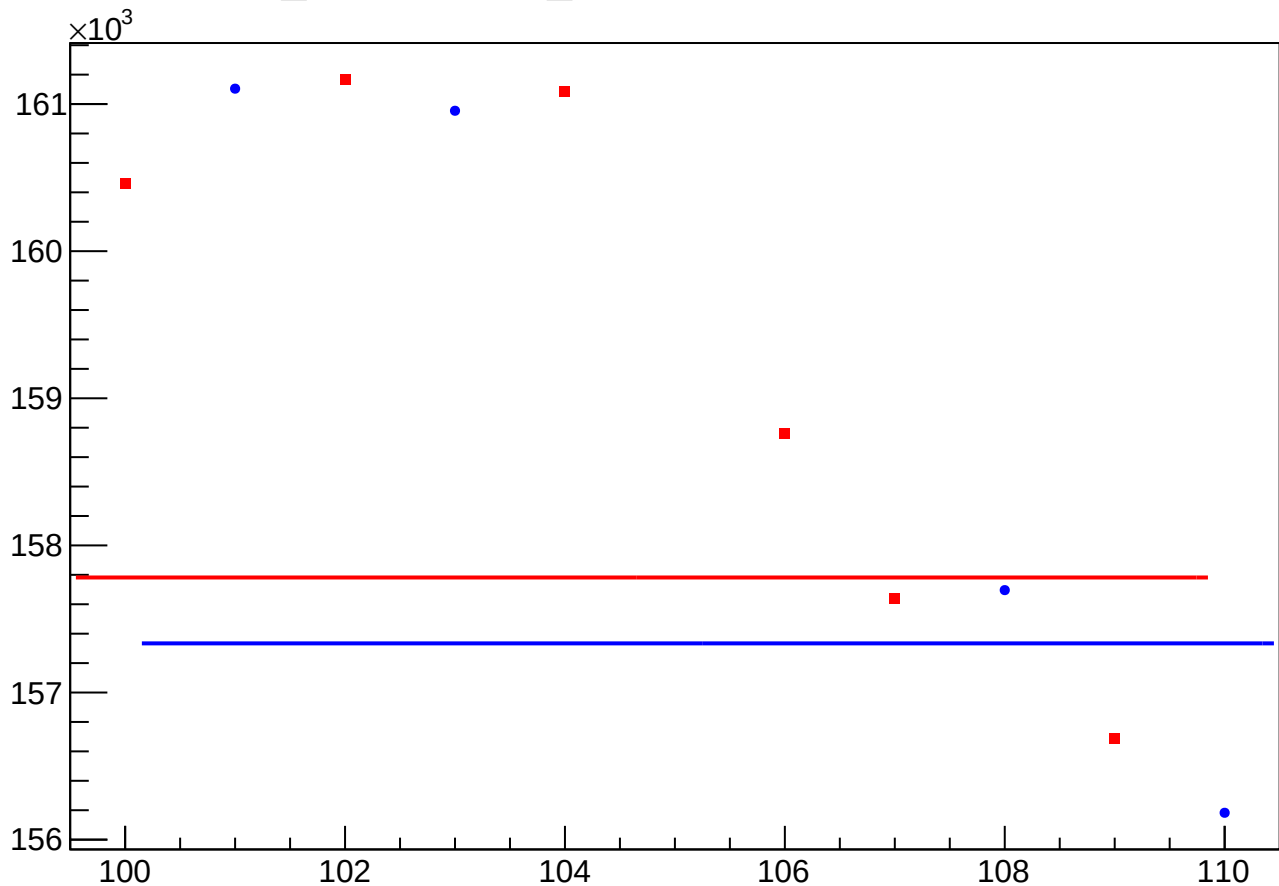
Right: 146.837+/-0.058 χ^2/NDF : 2216294.2/9

In: 144.950+/-0.086 χ^2/NDF : 1083185.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.837+/-0.058 χ^2/NDF : 2216294.2/9

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 157334.097+/-0.127 χ^2 /NDF: 149679739.1/3

Right: 157571.285+/-0.087 χ^2 /NDF: 282263692.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 157781.958+/-0.119 χ^2 /NDF: 125956848.4/5

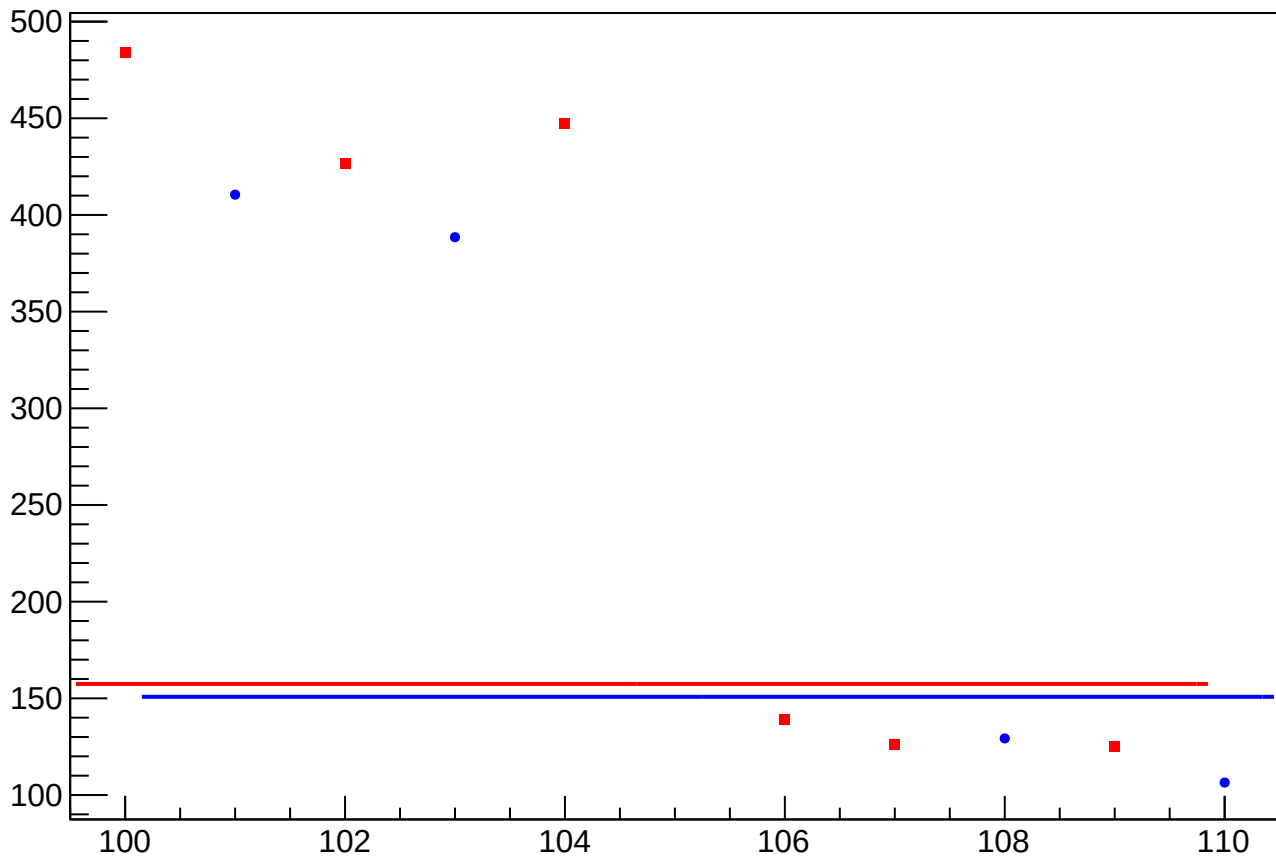
In: 157334.097+/-0.127 χ^2 /NDF: 149679739.1/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 157571.285+/-0.087 χ^2 /NDF: 282263692.6/9

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 150.791+/-0.090 χ^2/NDF : 1095570.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.439+/-0.084 χ^2/NDF : 1123587.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

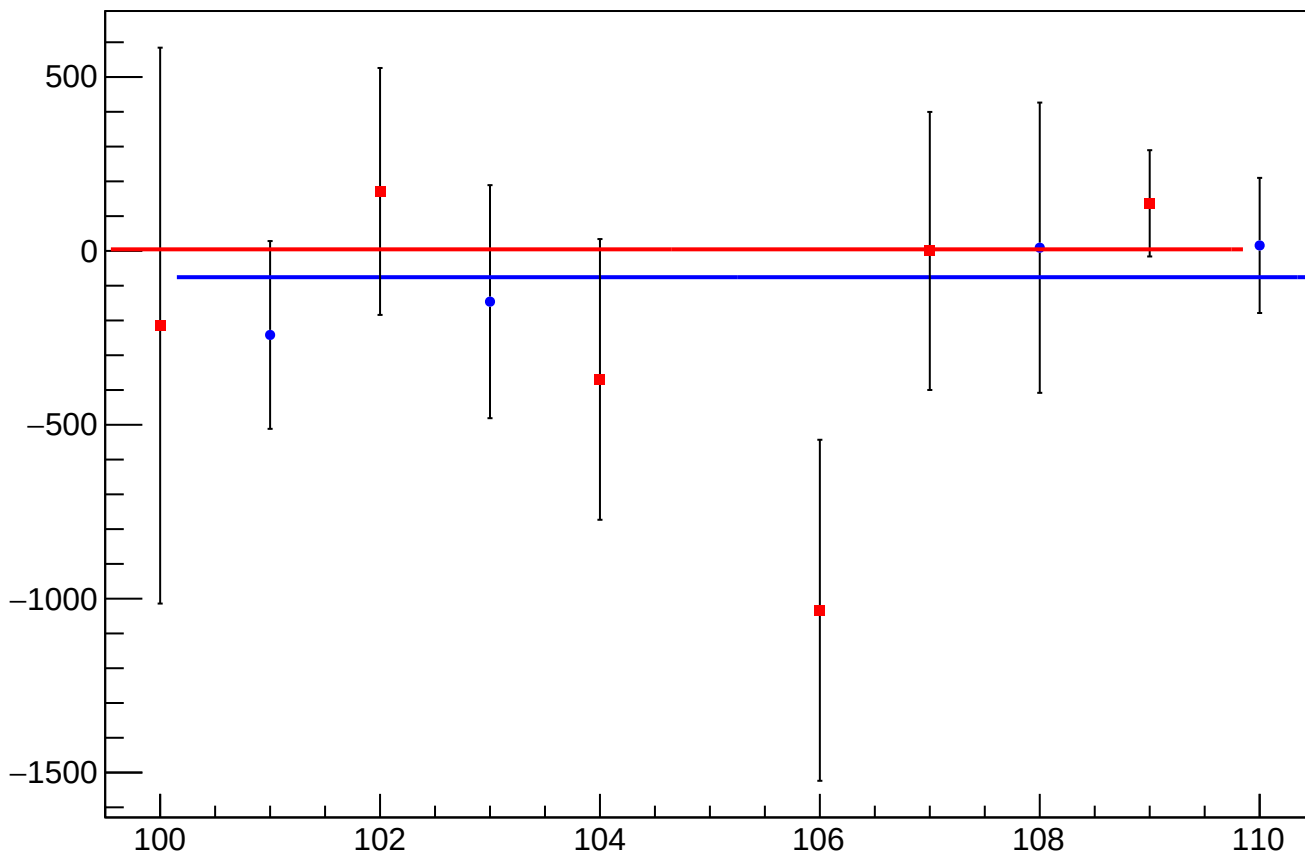
Right: 154.312+/-0.061 χ^2/NDF : 2222078.8/9

In: 150.791+/-0.090 χ^2/NDF : 1095570.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.312+/-0.061 χ^2/NDF : 2222078.8/9

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -75.570+/-135.016 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.526+/-120.495 χ^2/NDF : 6.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

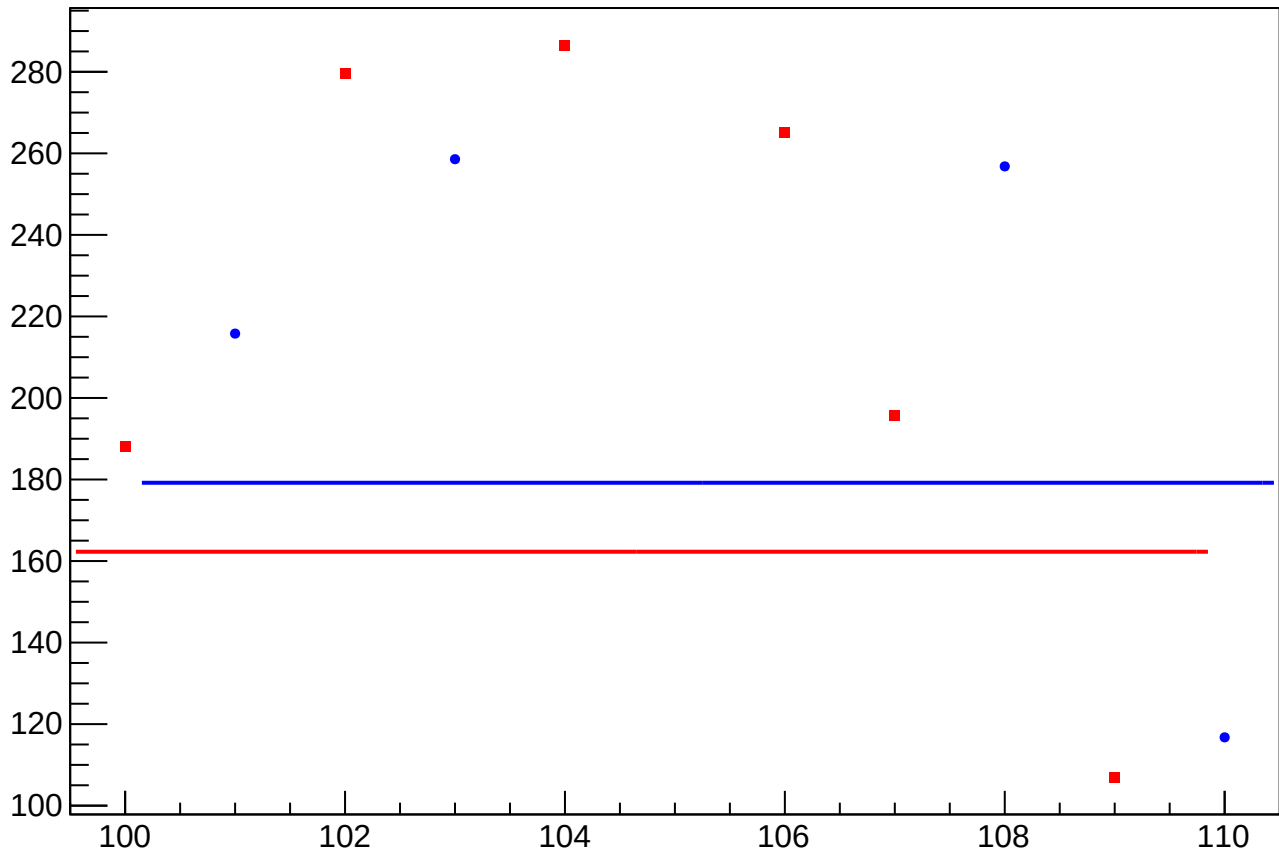
Right: -30.985+/-89.900 χ^2/NDF : 7.3/9

In: -75.570+/-135.016 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.985+/-89.900 χ^2/NDF : 7.3/9

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 179.203 $\pm$ 0.095 χ^2 /NDF: 424694.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 162.283 $\pm$ 0.085 χ^2 /NDF: 773911.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

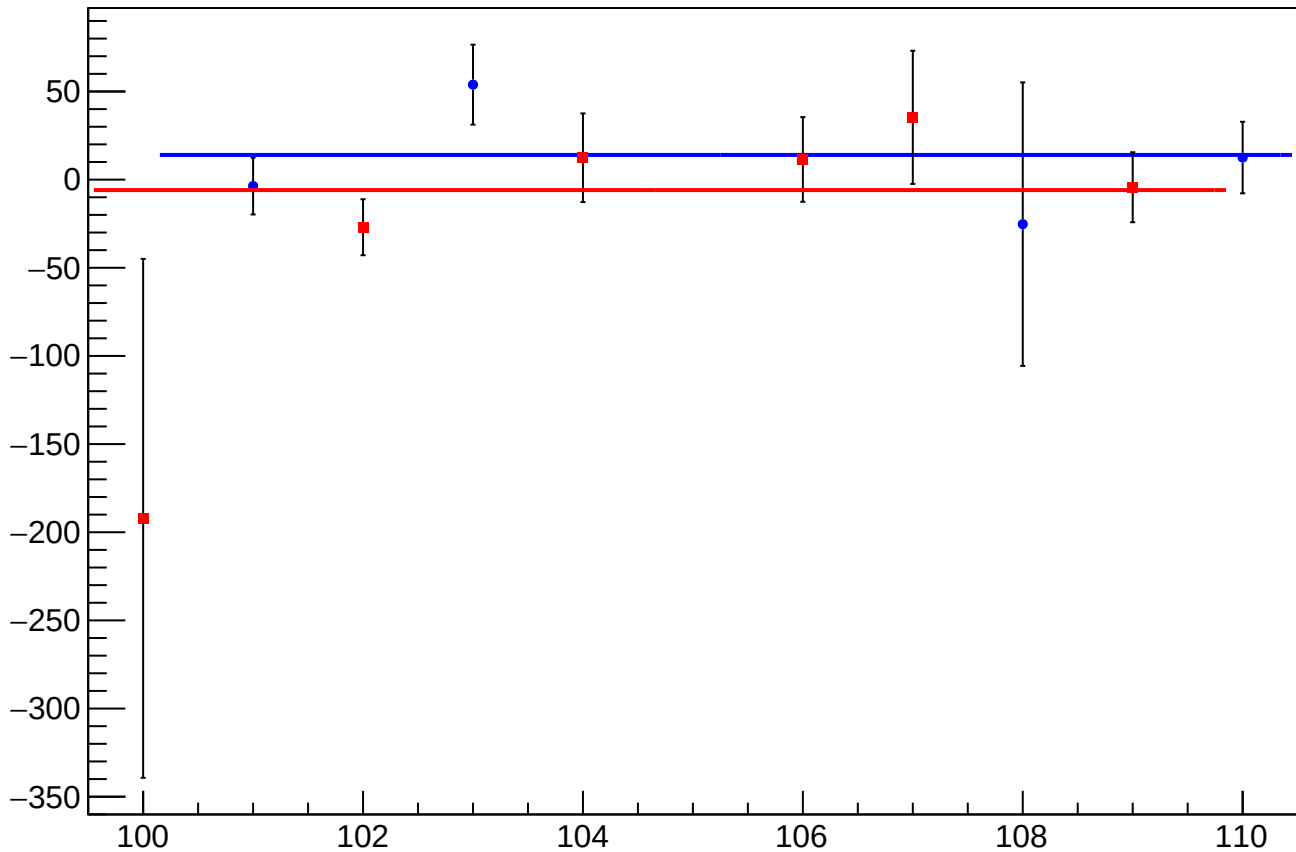
Right: 169.784 $\pm$ 0.064 χ^2 /NDF: 1216089.7/9

In: 179.203 $\pm$ 0.095 χ^2 /NDF: 424694.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 169.784 $\pm$ 0.064 χ^2 /NDF: 1216089.7/9

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 14.011+/-10.929 χ^2/NDF : 4.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.922+/-9.727 χ^2/NDF : 5.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

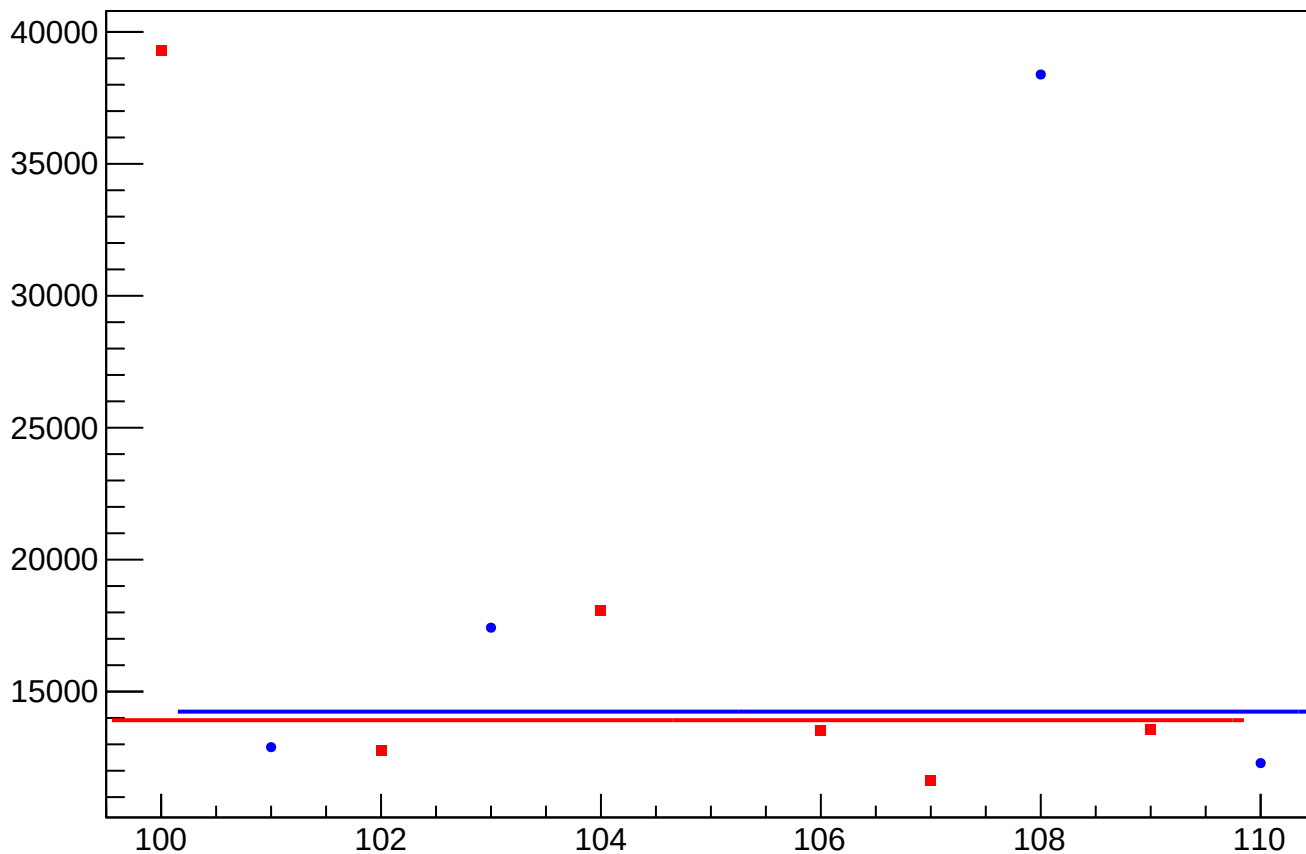
Right: 2.888+/-7.266 χ^2/NDF : 12.0/9

In: 14.011+/-10.929 χ^2/NDF : 4.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.888+/-7.266 χ^2/NDF : 12.0/9

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 14240.157+/-7.728 χ^2/NDF : 252100.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13915.585+/-6.878 χ^2/NDF : 132673.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

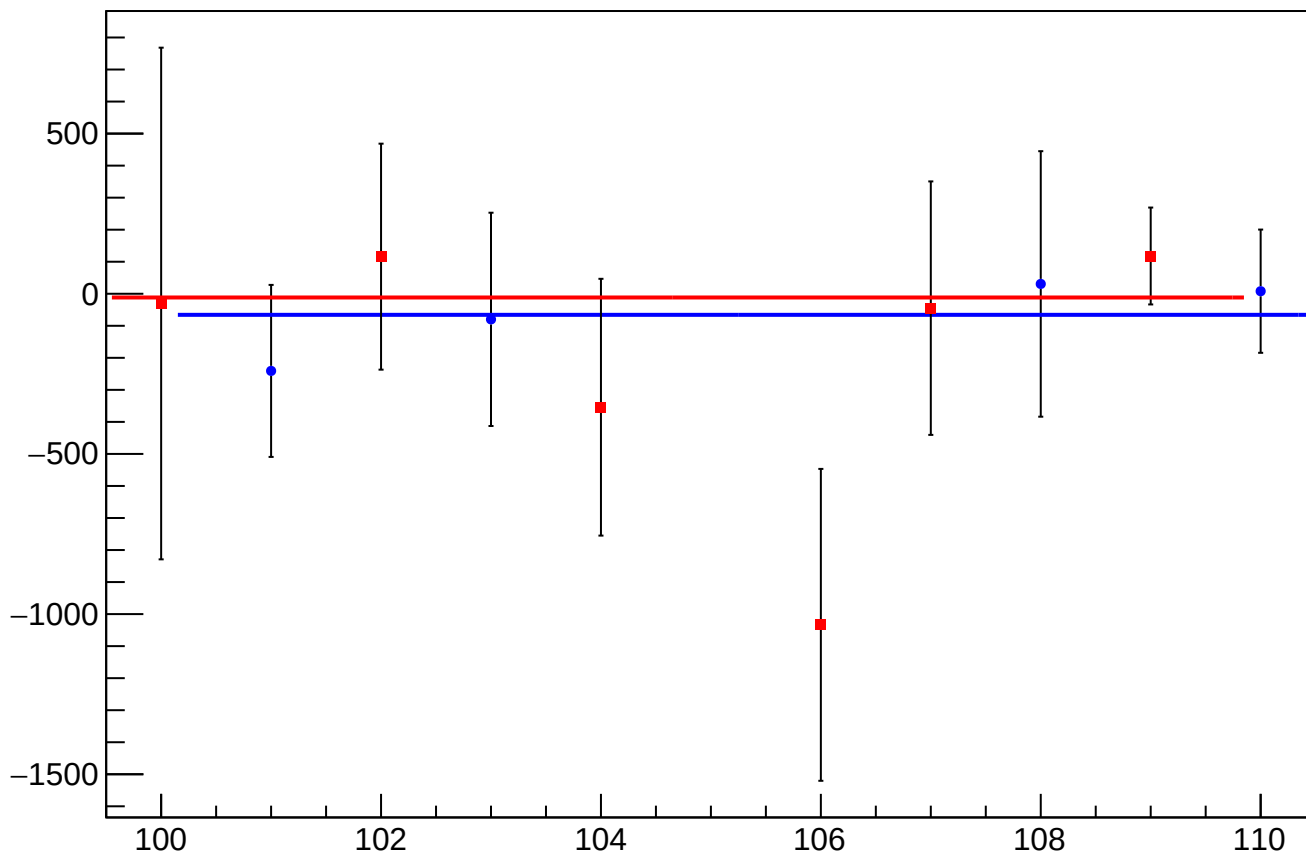
Right: 14059.043+/-5.138 χ^2/NDF : 385758.4/9

In: 14240.157+/-7.728 χ^2/NDF : 252100.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14059.043+/-5.138 χ^2/NDF : 385758.4/9

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -65.789+/-133.937 χ^2/NDF : 0.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.637+/-119.387 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

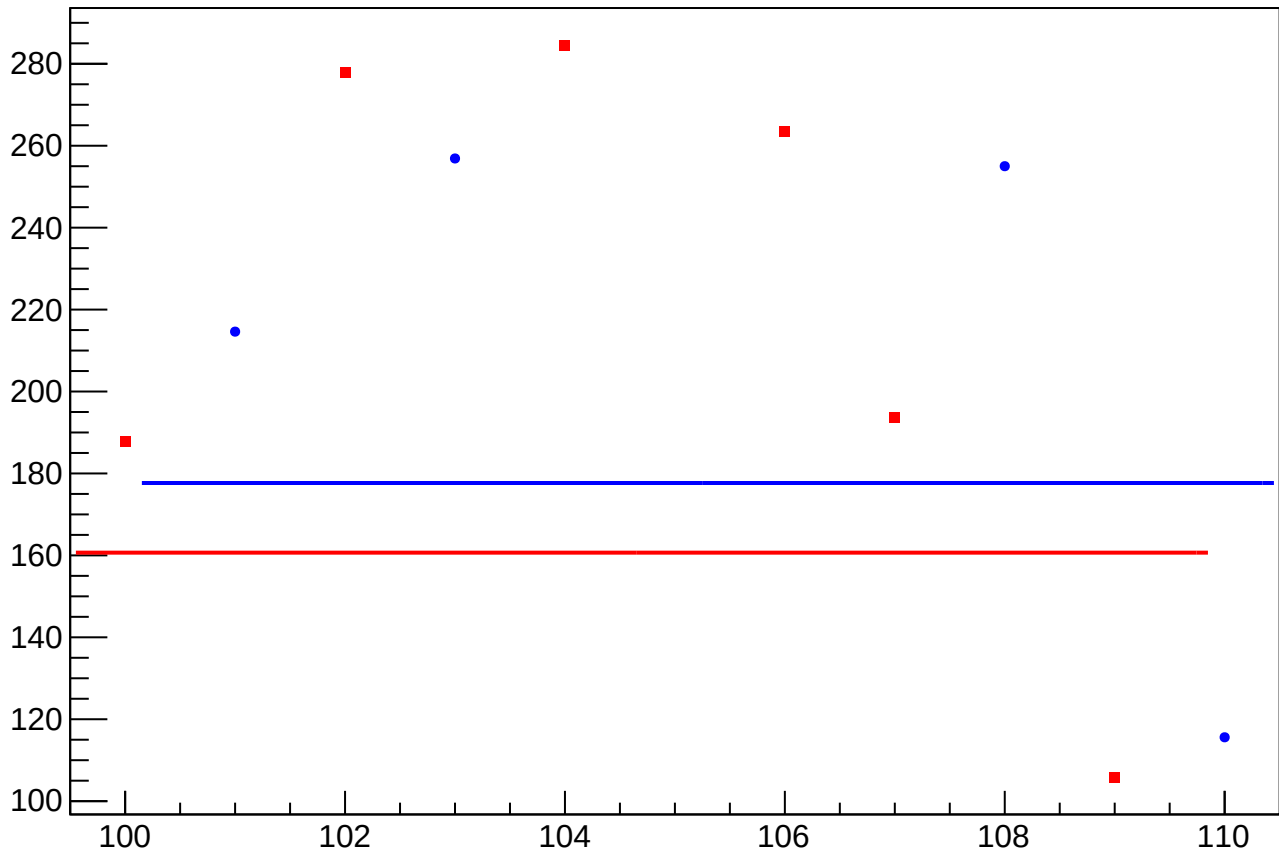
Right: -35.613+/-89.121 χ^2/NDF : 6.7/9

In: -65.789+/-133.937 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.613+/-89.121 χ^2/NDF : 6.7/9

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 177.670 $\pm$ 0.095 χ^2 /NDF: 429054.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 160.667 $\pm$ 0.084 χ^2 /NDF: 779432.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

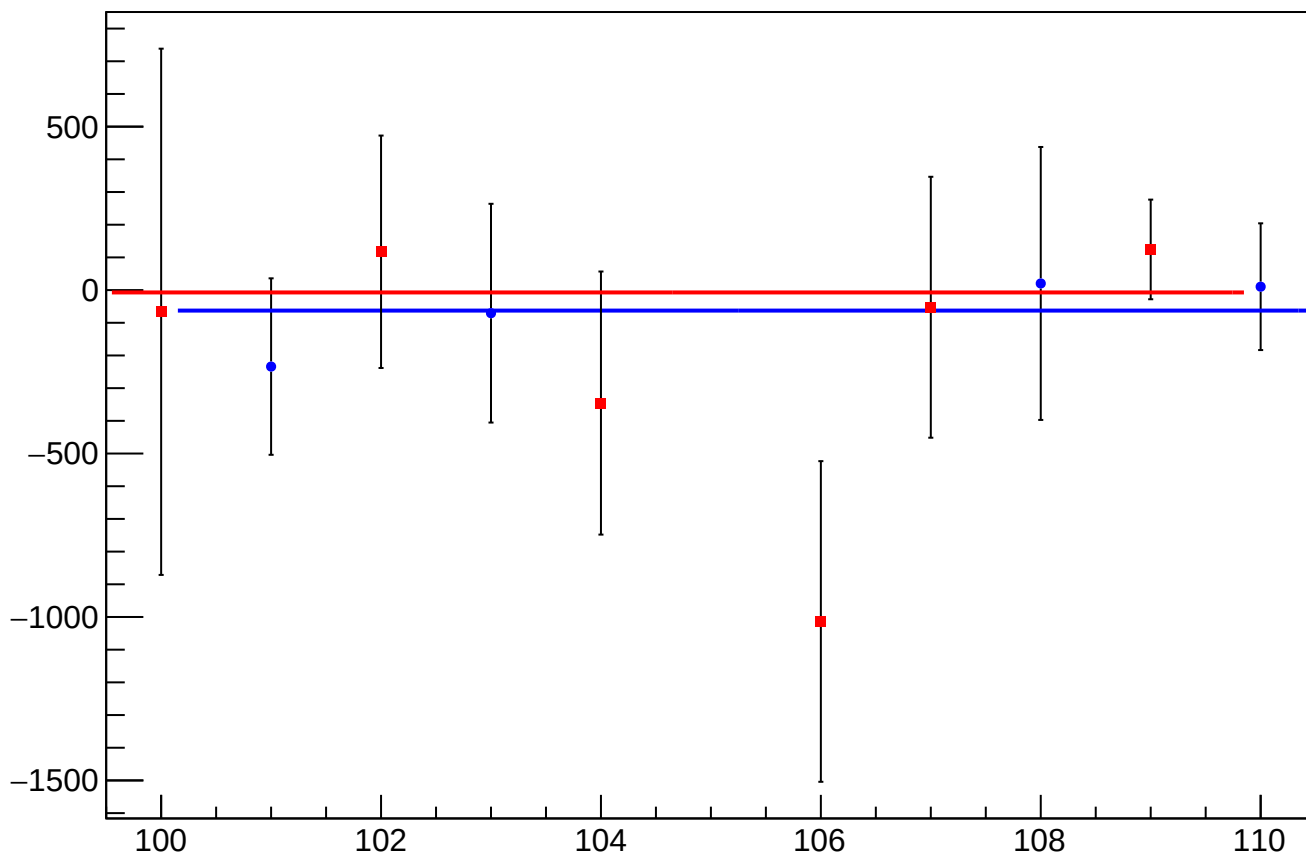
Right: 168.195 $\pm$ 0.063 χ^2 /NDF: 1226447.1/9

In: 177.670 $\pm$ 0.095 χ^2 /NDF:429054.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.195 $\pm$ 0.063 χ^2 /NDF: 1226447.1/9

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -62.698+/-134.834 χ^2/NDF : 0.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.196+/-120.276 χ^2/NDF : 5.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

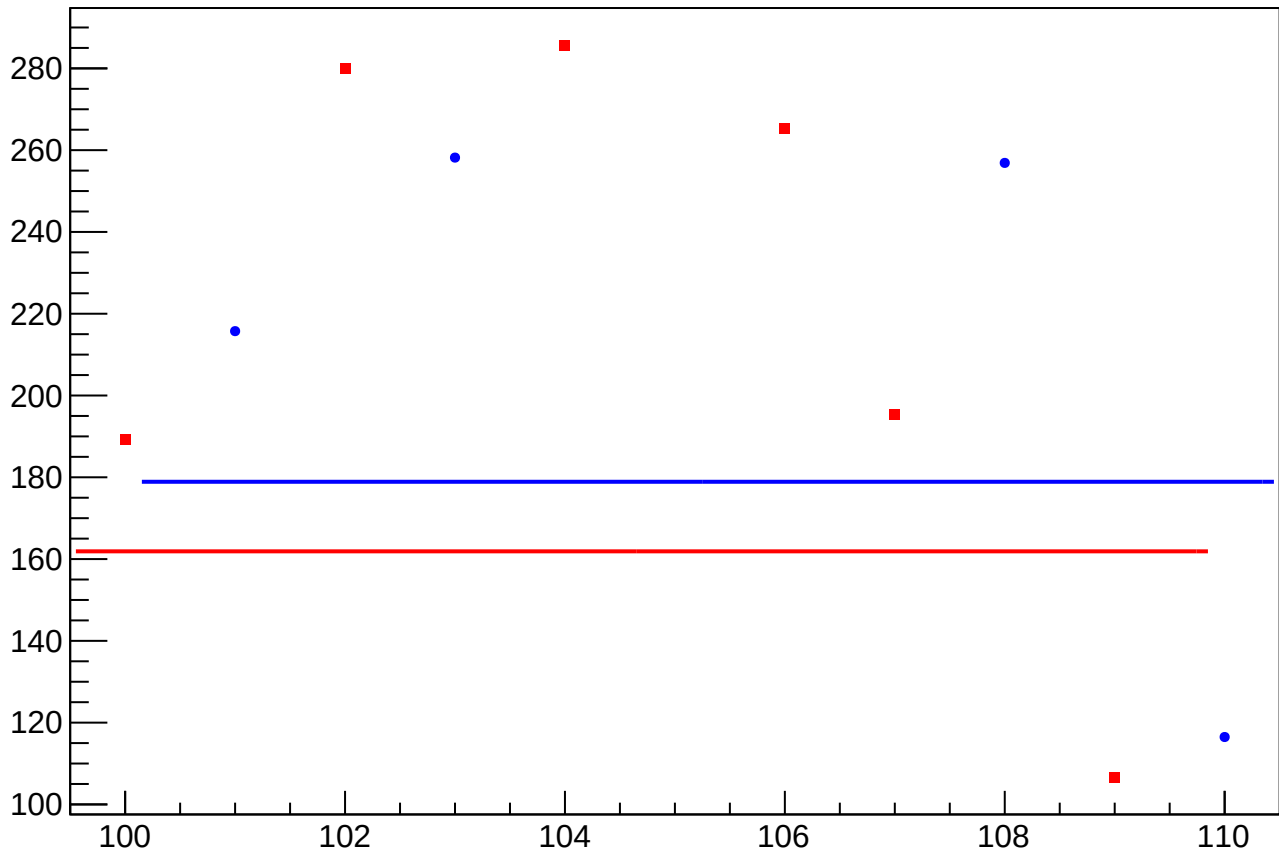
Right: -31.791+/-89.755 χ^2/NDF : 6.5/9

In: -62.698+/-134.834 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.791+/-89.755 χ^2/NDF : 6.5/9

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 178.904 $\pm$ 0.095 χ^2 /NDF: 426662.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 161.891 $\pm$ 0.085 χ^2 /NDF: 777754.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

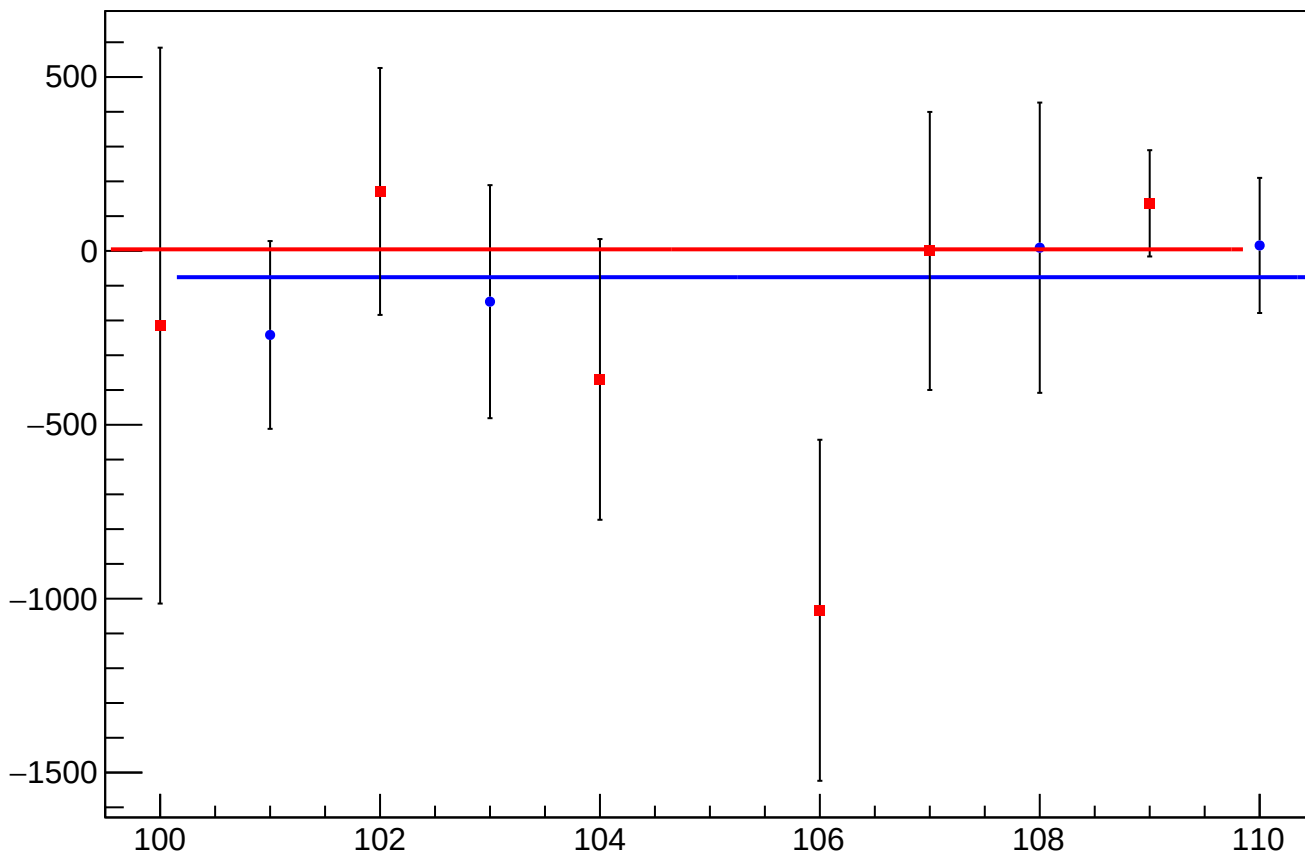
Right: 169.430 $\pm$ 0.063 χ^2 /NDF: 1222149.2/9

In: 178.904 $\pm$ 0.095 χ^2 /NDF:426662.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 169.430 $\pm$ 0.063 χ^2 /NDF: 1222149.2/9

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -75.570+/-135.016 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.526+/-120.495 χ^2/NDF : 6.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

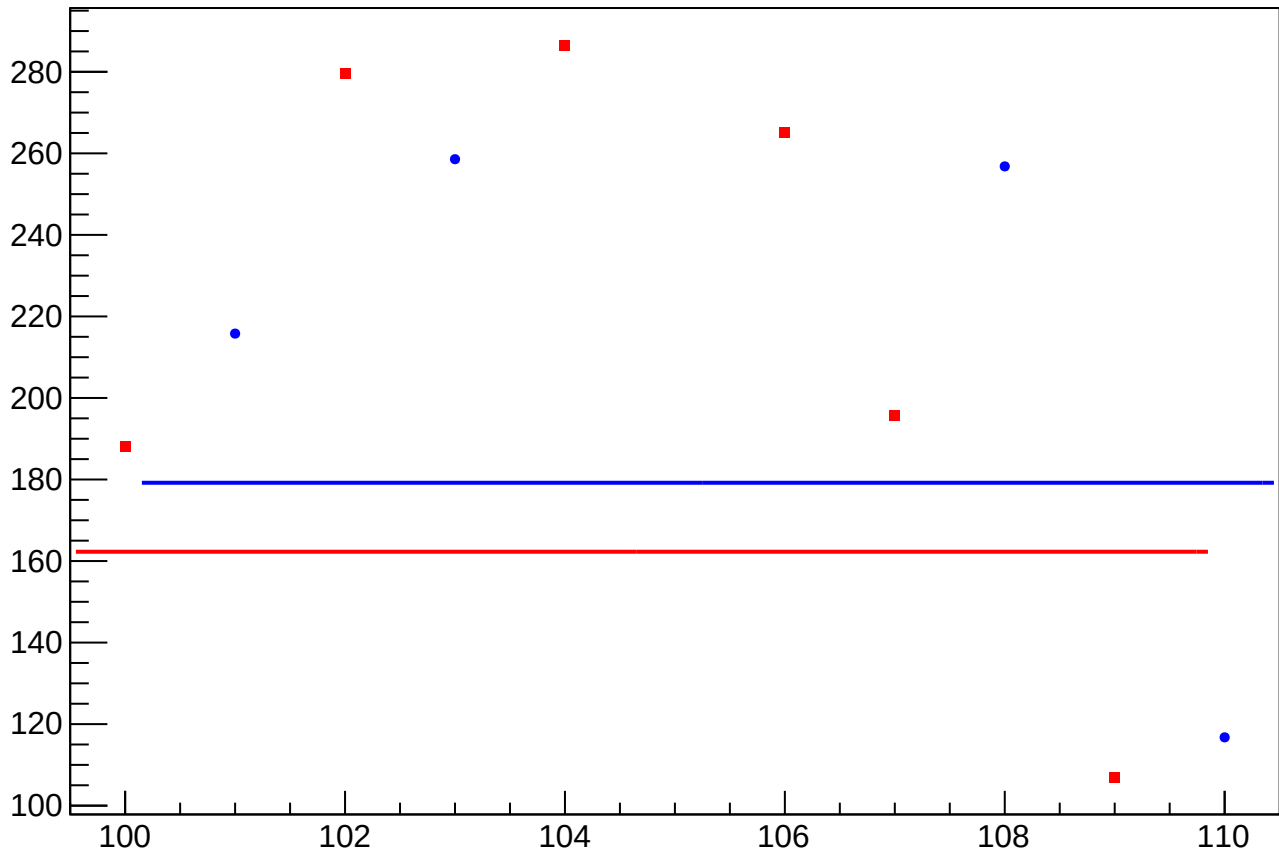
Right: -30.985+/-89.900 χ^2/NDF : 7.3/9

In: -75.570+/-135.016 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.985+/-89.900 χ^2/NDF : 7.3/9

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 179.203+/-0.095 χ^2/NDF : 424694.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.283+/-0.085 χ^2/NDF : 773911.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

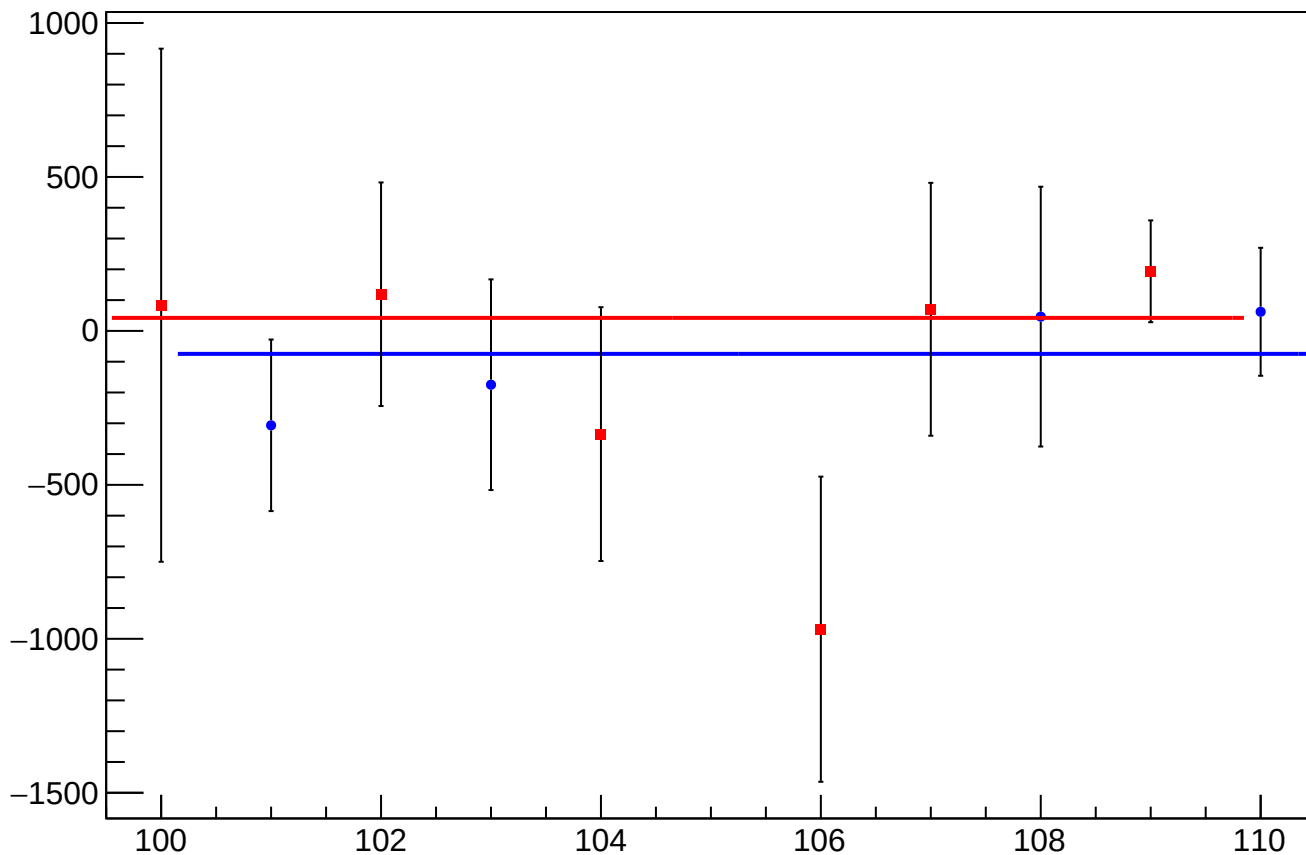
Right: 169.784+/-0.064 χ^2/NDF : 1216089.7/9

In: 179.203+/-0.095 χ^2/NDF : 424694.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.784+/-0.064 χ^2/NDF : 1216089.7/9

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -74.591 $\pm$ 141.131 χ^2 /NDF: 1.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 42.326 $\pm$ 127.518 χ^2 /NDF: 5.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

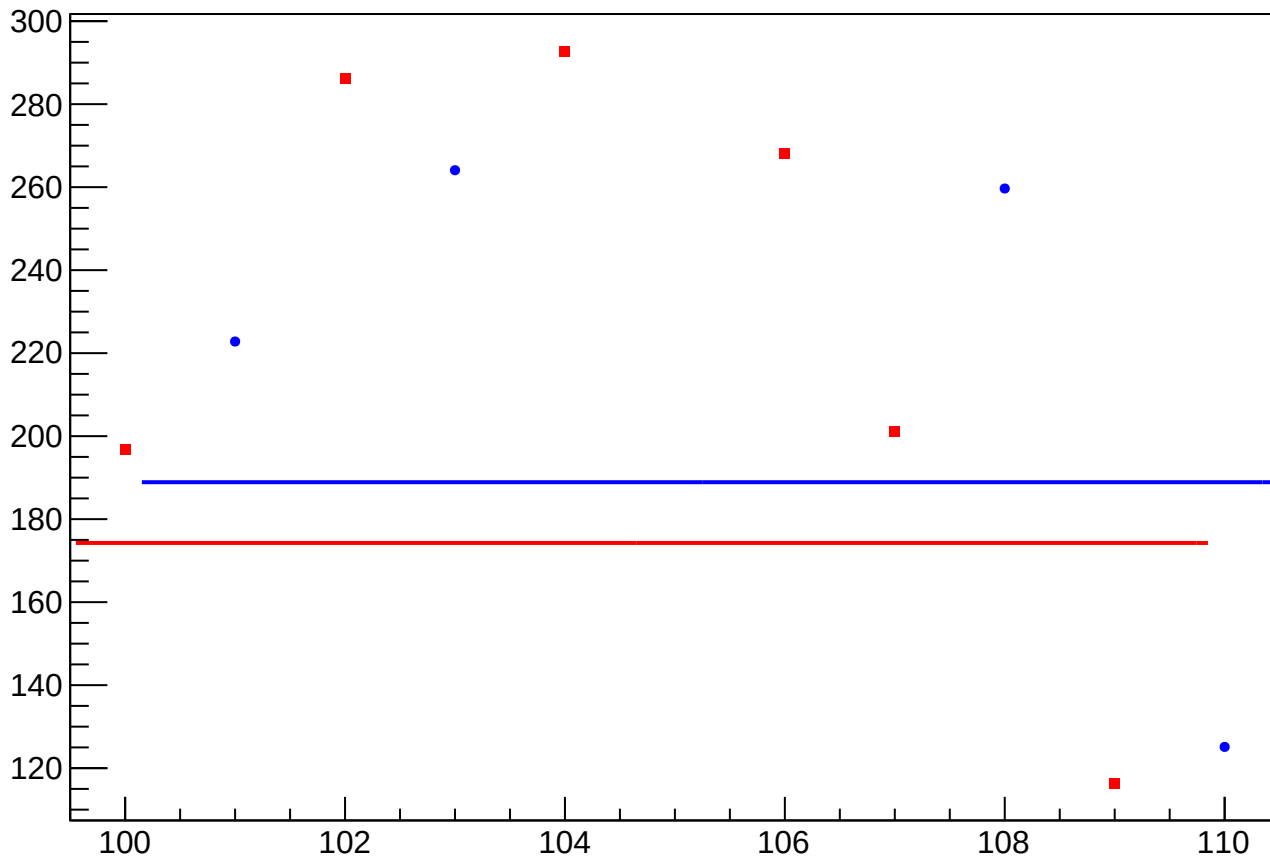
Right: -10.223 $\pm$ 94.617 χ^2 /NDF: 7.6/9

In: -74.591 $\pm$ 141.131 χ^2 /NDF:1.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.223 $\pm$ 94.617 χ^2 /NDF: 7.6/9

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 188.900+/-0.100 χ^2/NDF : 370878.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.262+/-0.090 χ^2/NDF : 681967.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

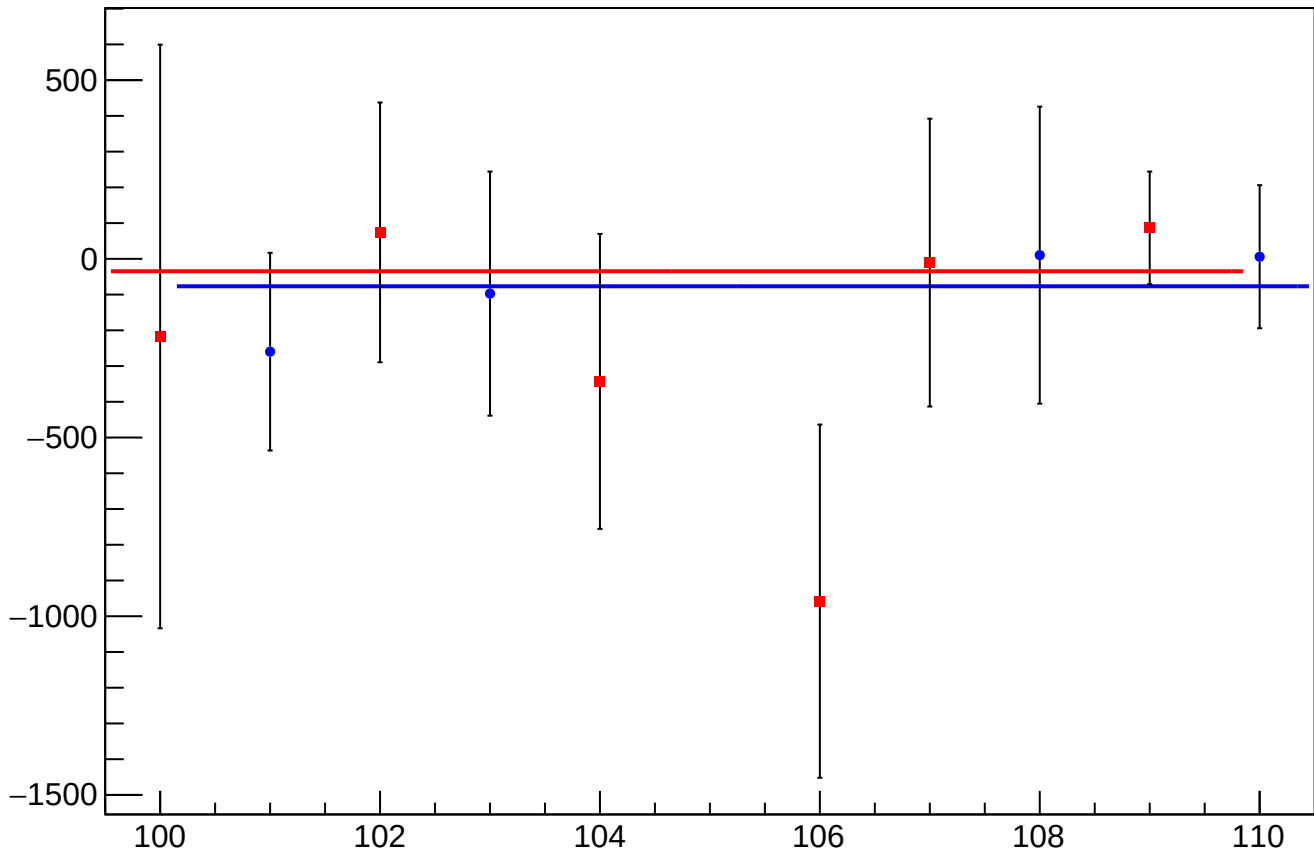
Right: 180.841+/-0.067 χ^2/NDF : 1064689.8/9

In: 188.900+/-0.100 χ^2/NDF : 370878.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.841+/-0.067 χ^2/NDF : 1064689.8/9

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -76.768+/-138.174 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.752+/-123.562 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

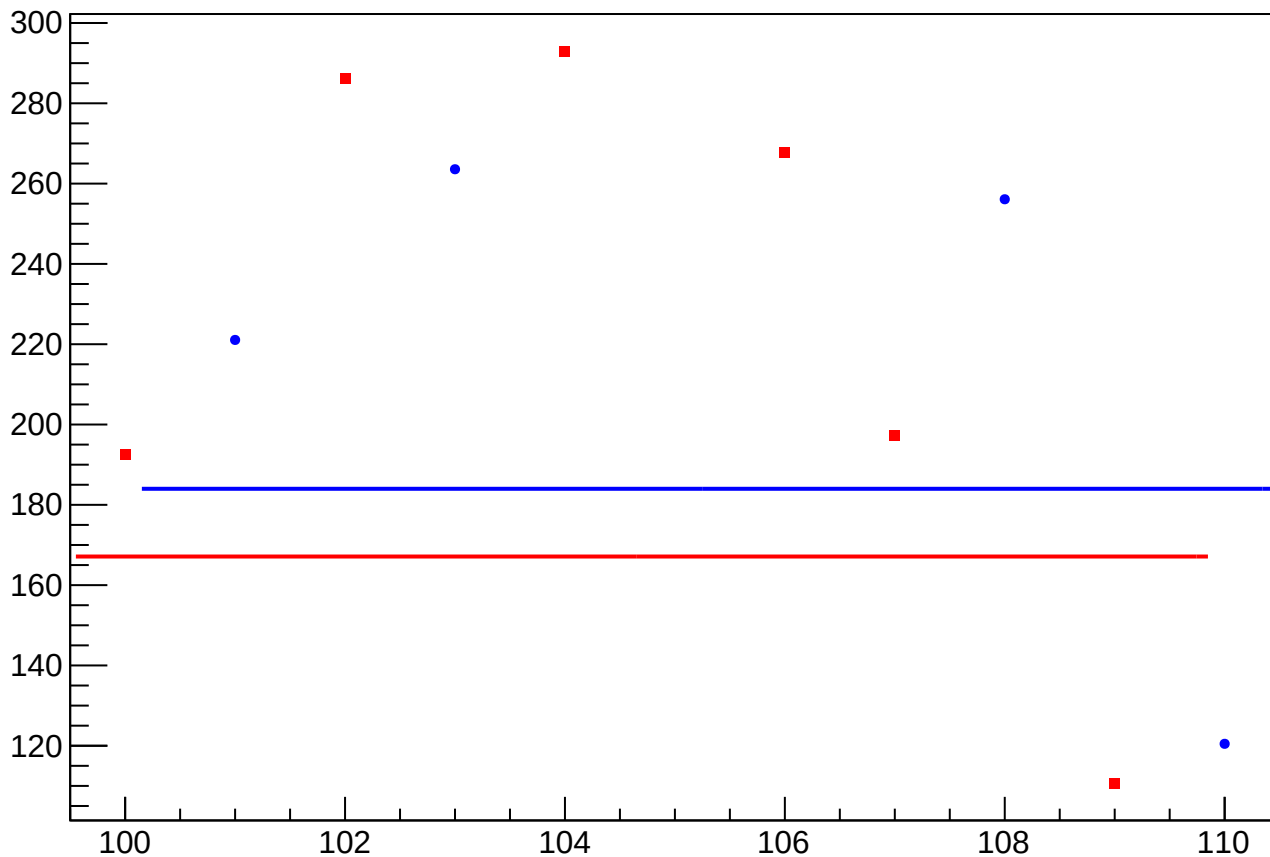
Right: -53.422+/-92.106 χ^2/NDF : 5.5/9

In: -76.768+/-138.174 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.422+/-92.106 χ^2/NDF : 5.5/9

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 183.995 $\pm$ 0.098 χ^2 /NDF: 405966.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 167.128 $\pm$ 0.087 χ^2 /NDF: 753831.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

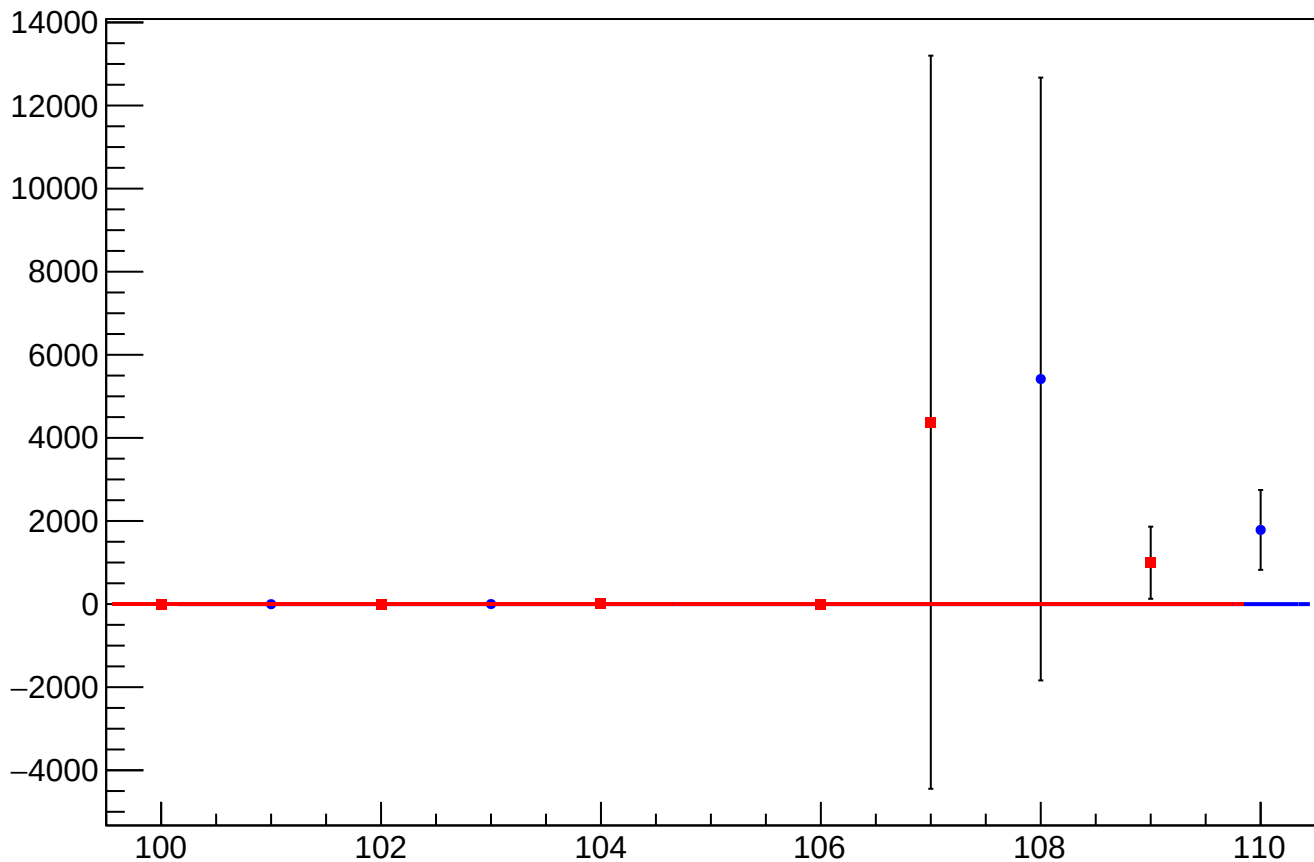
Right: 174.623 $\pm$ 0.065 χ^2 /NDF: 1176358.5/9

In: 183.995 $\pm$ 0.098 χ^2 /NDF:405966.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 174.623 $\pm$ 0.065 χ^2 /NDF: 1176358.5/9

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.209+/-2.171 χ^2/NDF : 4.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.368+/-2.022 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

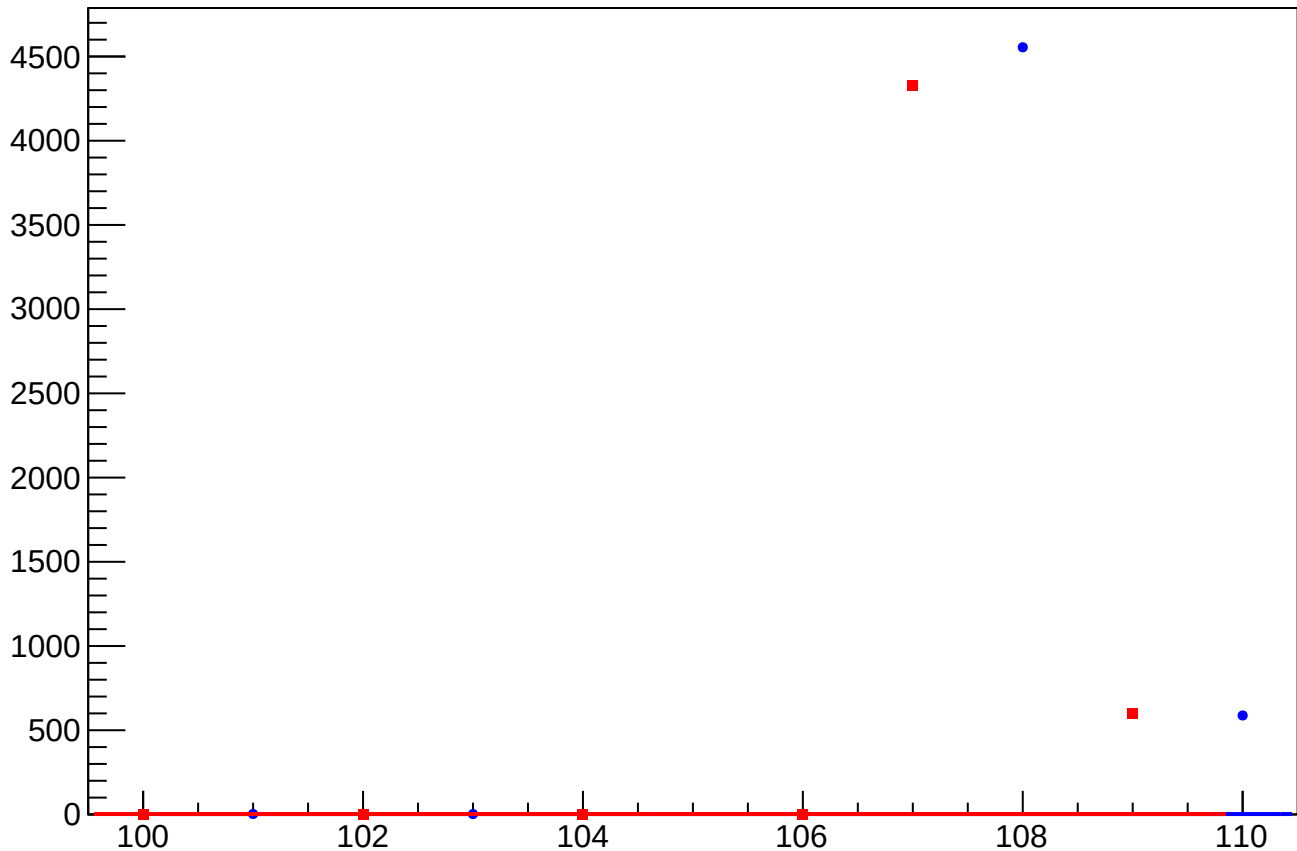
Right: 0.171+/-1.480 χ^2/NDF : 11.9/9

In: -1.209+/-2.171 χ^2/NDF : 4.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.171+/-1.480 χ^2/NDF : 11.9/9

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.433+/-0.002 χ^2/NDF : 1544177.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.426+/-0.001 χ^2/NDF : 1440258.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

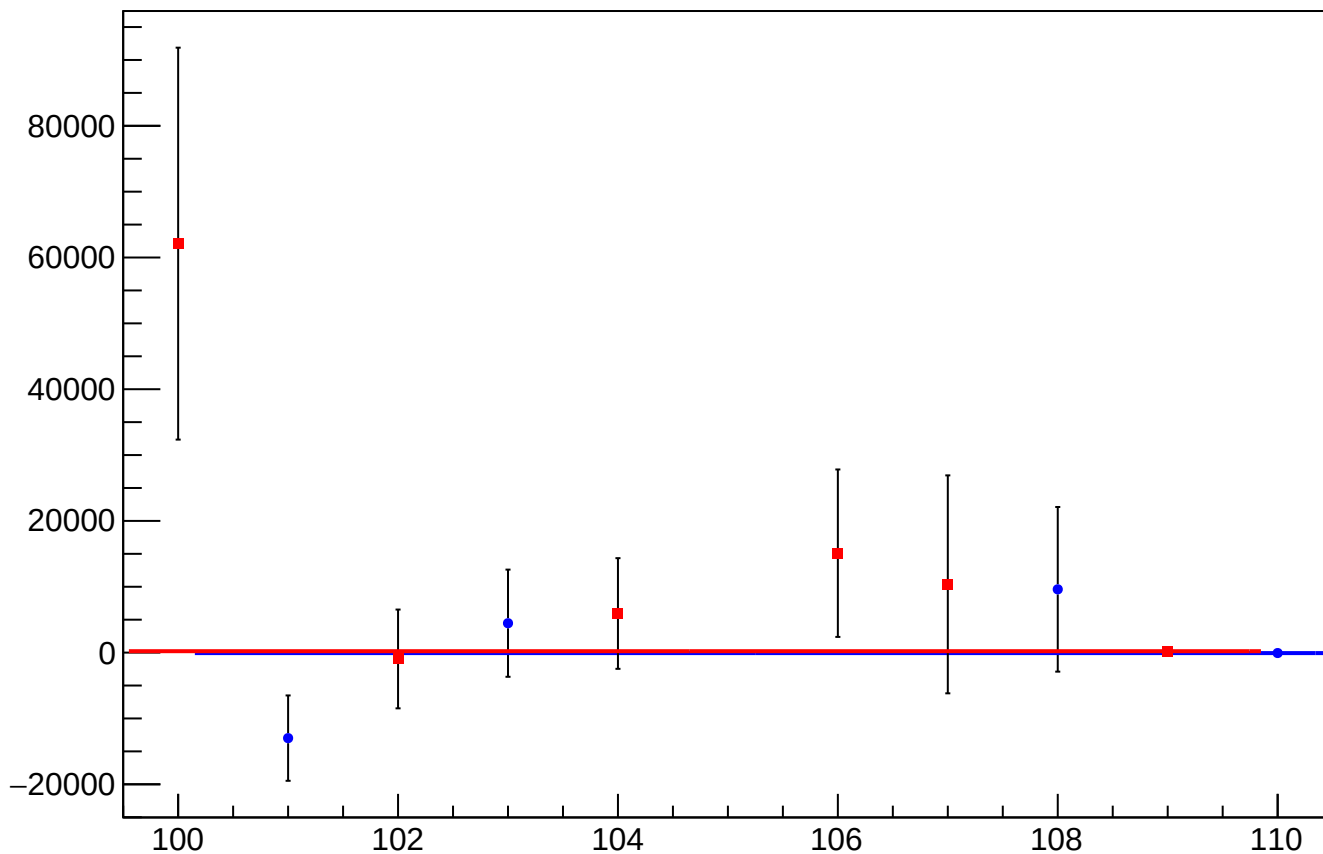
Right: 2.429+/-0.001 χ^2/NDF : 2984446.9/9

In: 2.433+/-0.002 χ^2/NDF : 1544177.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.429+/-0.001 χ^2/NDF : 2984446.9/9

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -74.209+/-206.333 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 214.996+/-226.984 χ^2/NDF : 6.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

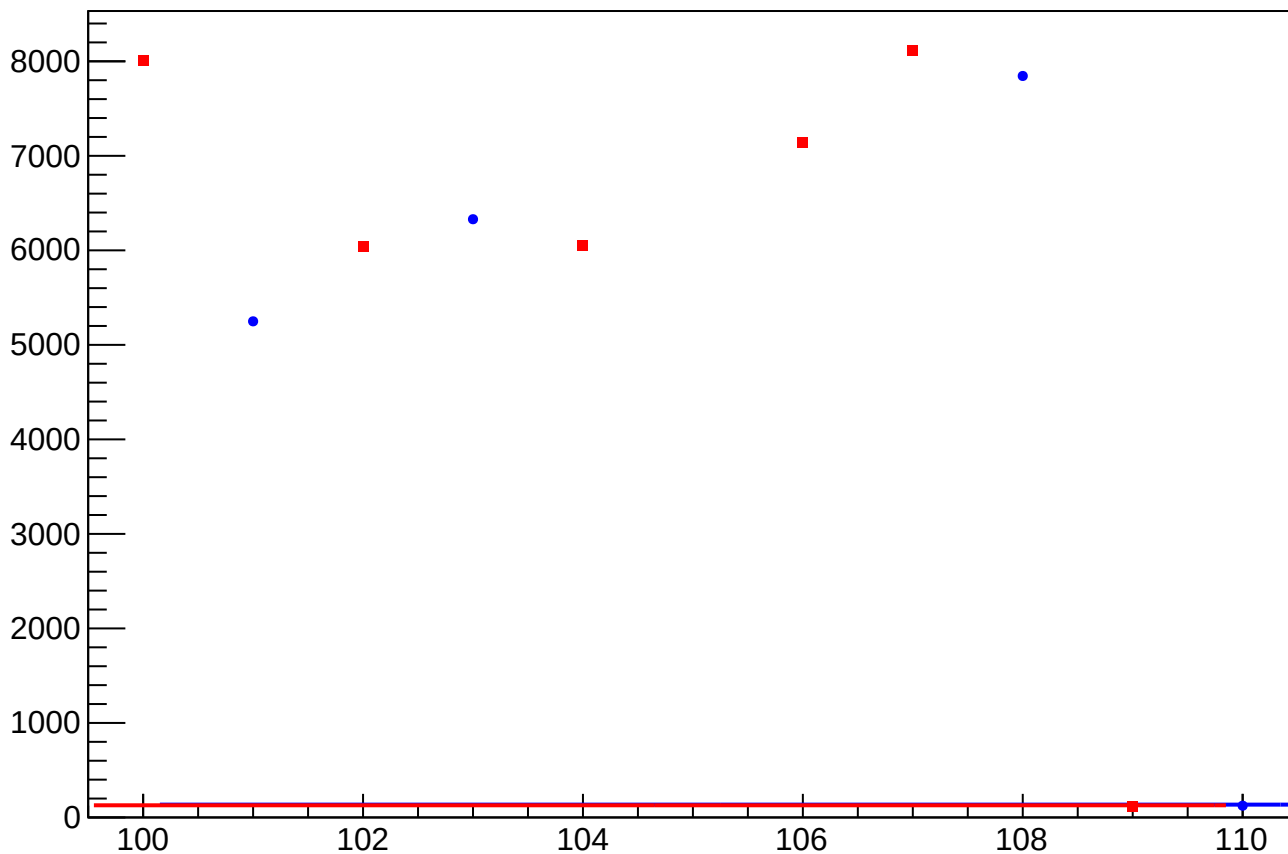
Right: 56.642+/-152.680 χ^2/NDF : 12.3/9

In: -74.209+/-206.333 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.642+/-152.680 χ^2/NDF : 12.3/9

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 135.725 $\pm$ 0.146 χ^2 /NDF: 3169621.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128.715 $\pm$ 0.161 χ^2 /NDF: 3456942.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

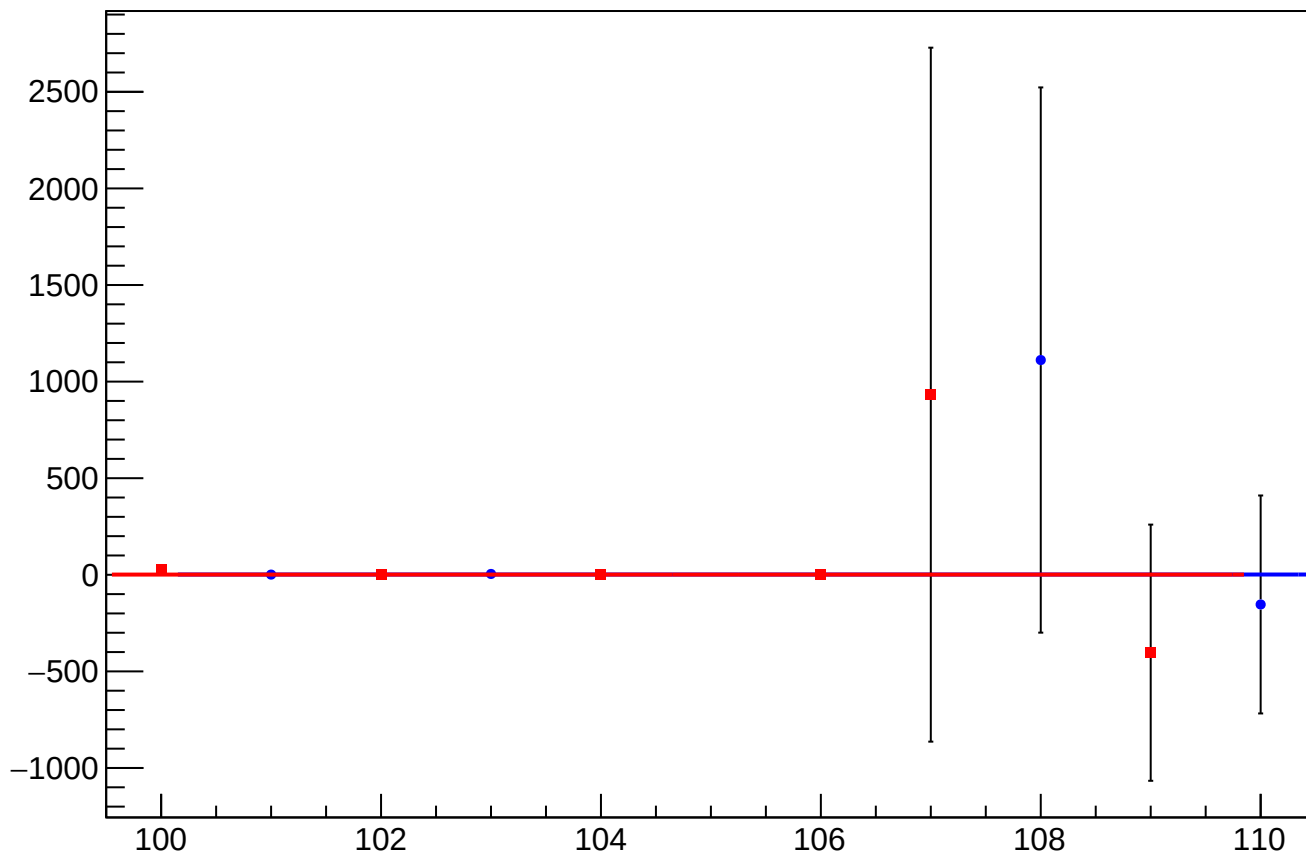
Right: 132.553 $\pm$ 0.108 χ^2 /NDF: 6627609.1/9

In: 135.725 $\pm$ 0.146 χ^2 /NDF: 3169621.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.553 $\pm$ 0.108 χ^2 /NDF: 6627609.1/9

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.444+/-1.660 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.112+/-1.528 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

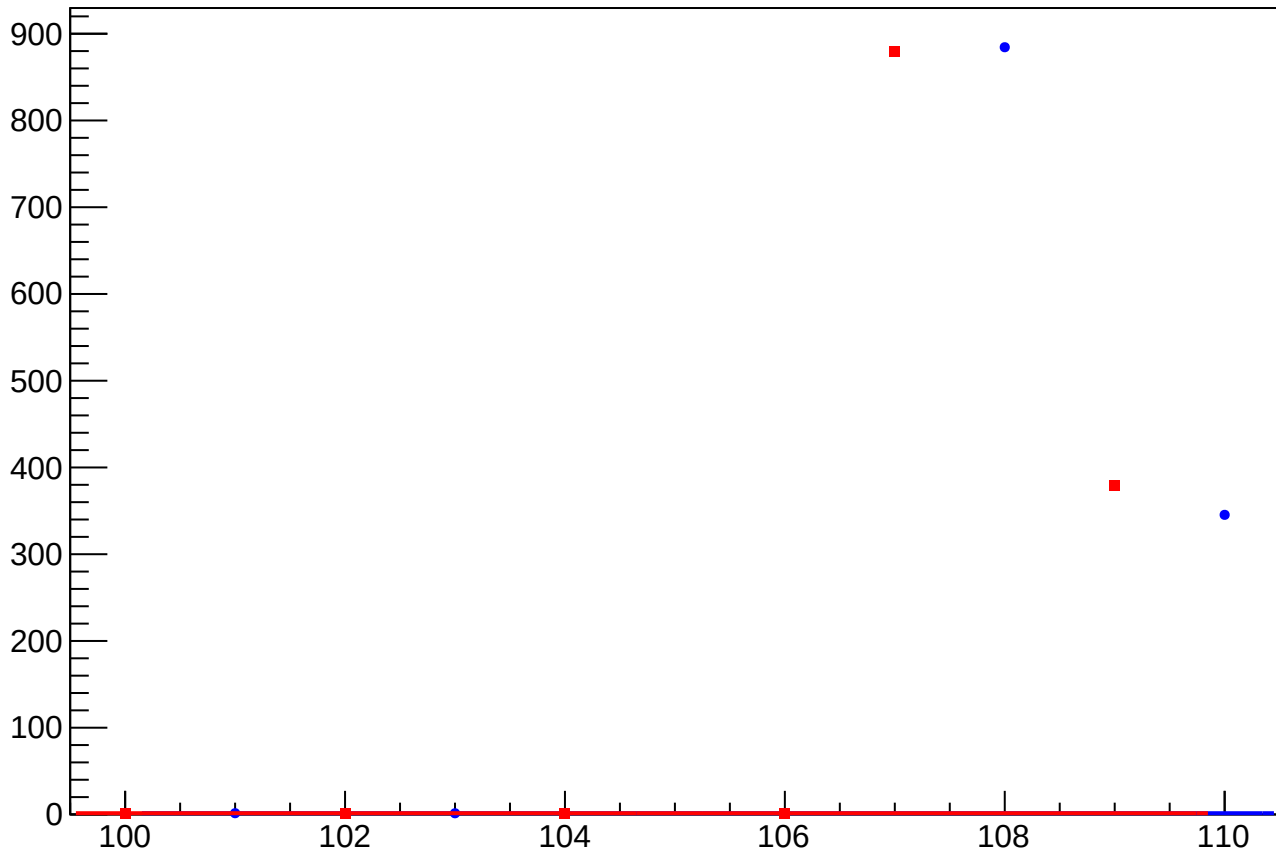
Right: 1.264+/-1.124 χ^2/NDF : 4.3/9

In: 1.444+/-1.660 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.264+/-1.124 χ^2/NDF : 4.3/9

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.433+/-0.001 χ^2/NDF : 1527127.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.436+/-0.001 χ^2/NDF : 1128921.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

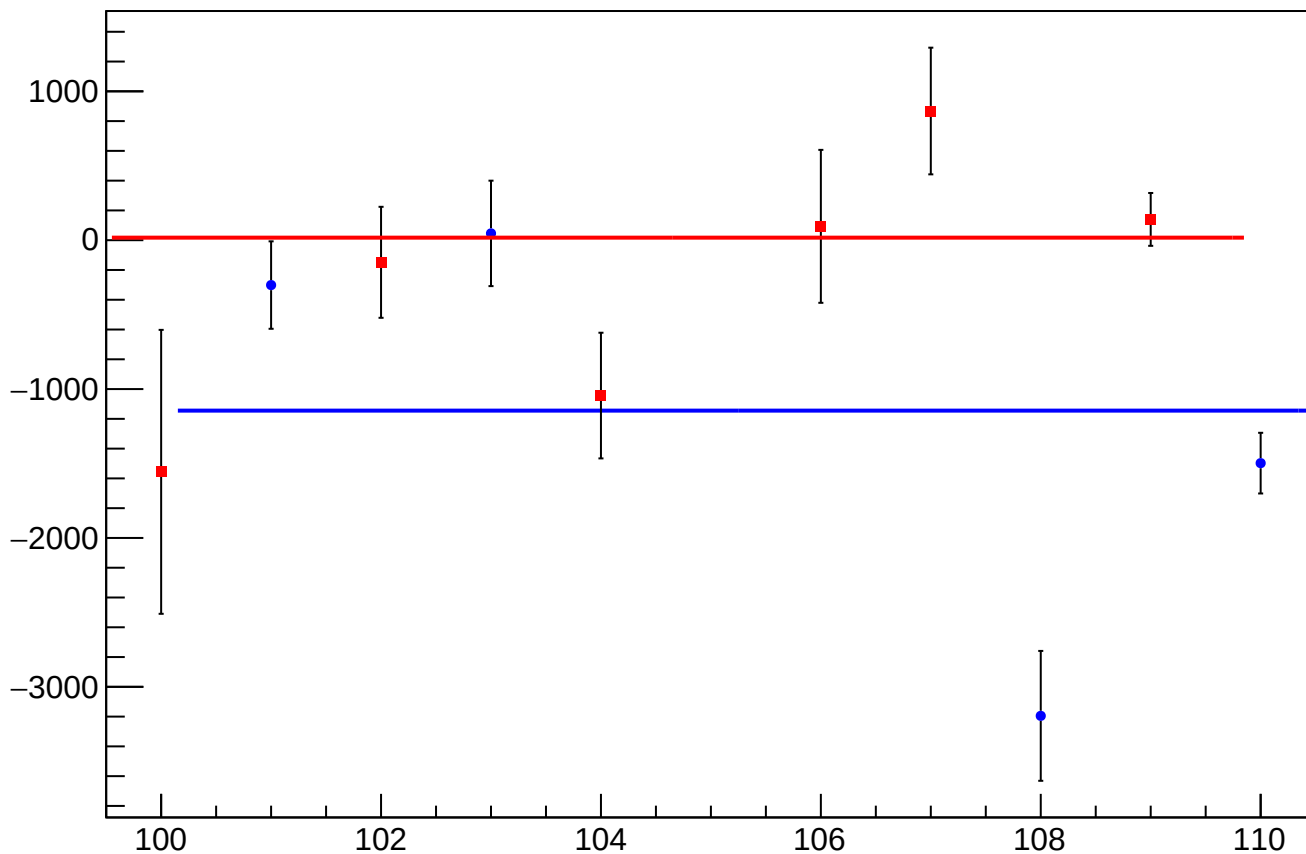
Right: 1.435+/-0.001 χ^2/NDF : 2656051.4/9

In: 1.433+/-0.001 χ^2/NDF : 1527127.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.435+/-0.001 χ^2/NDF : 2656051.4/9

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -1144.718 $\pm$ 143.001 χ^2 /NDF: 44.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.128 $\pm$ 134.884 χ^2 /NDF: 13.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

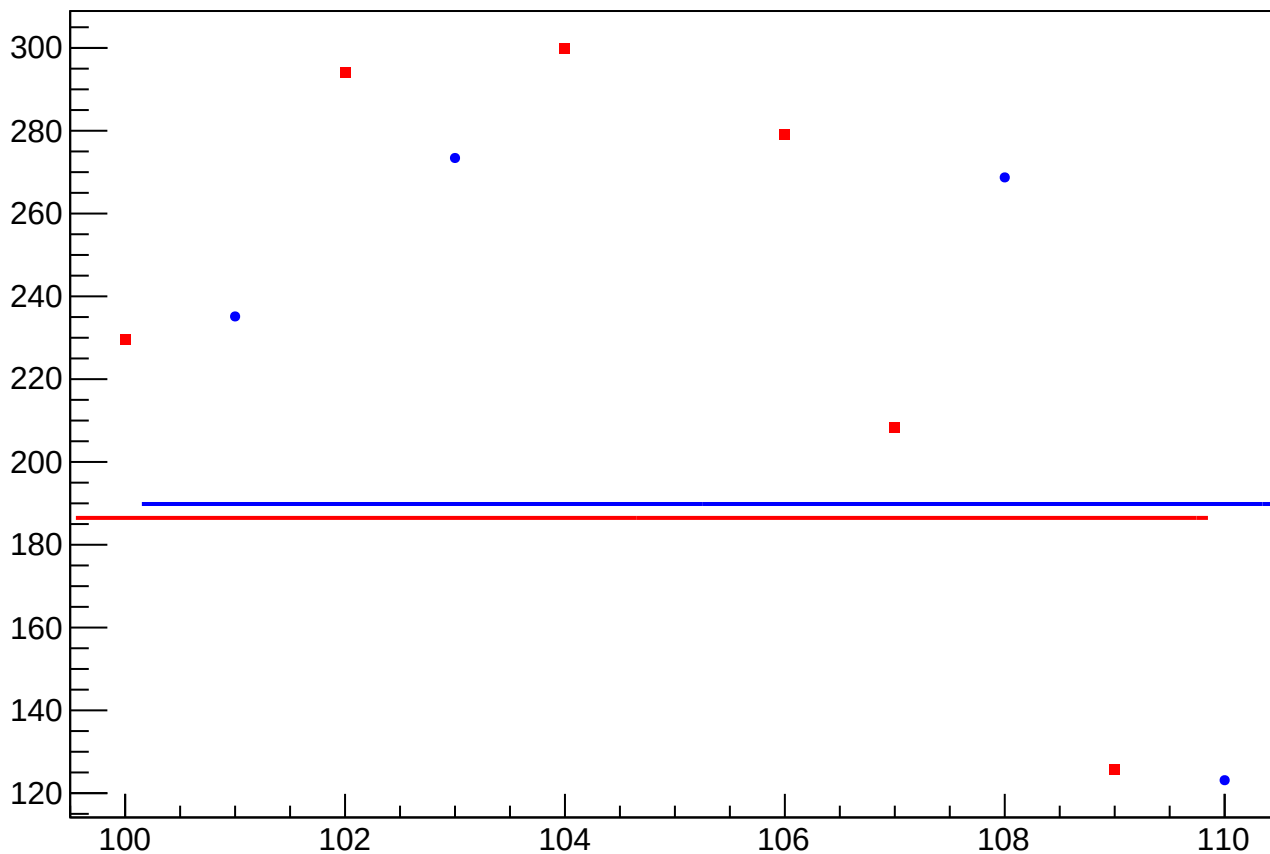
Right: -529.885 $\pm$ 98.122 χ^2 /NDF: 93.3/9

In: -1144.718 $\pm$ 143.001 χ^2 /NDF:44.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -529.885 $\pm$ 98.122 χ^2 /NDF: 93.3/9

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 189.846 $\pm$ 0.101 χ^2 /NDF: 438757.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 186.487 $\pm$ 0.095 χ^2 /NDF: 619683.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

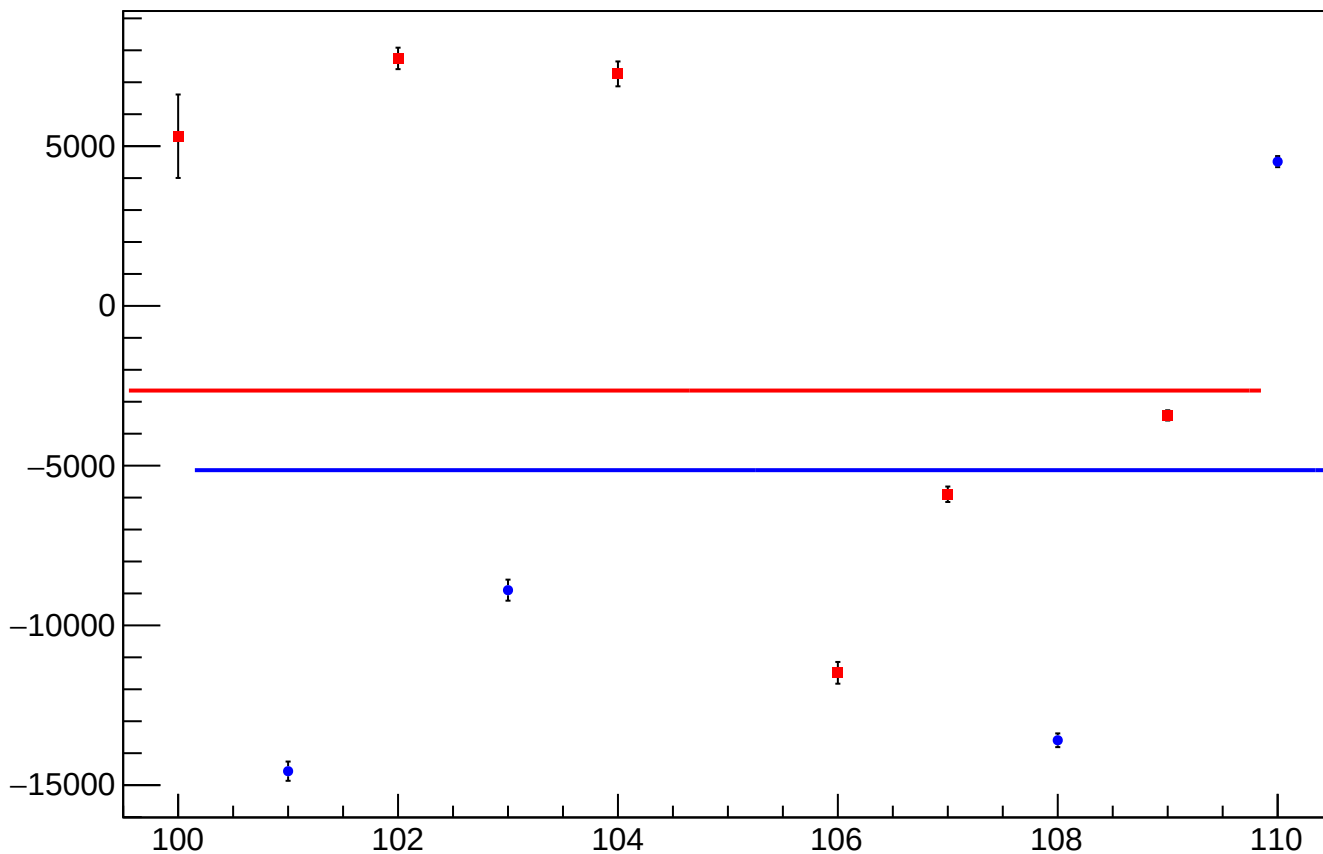
Right: 188.069 $\pm$ 0.069 χ^2 /NDF: 1059025.5/9

In: 189.846 $\pm$ 0.101 χ^2 /NDF:438757.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 188.069 $\pm$ 0.069 χ^2 /NDF: 1059025.5/9

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: -5141.635+/-115.340 χ^2/NDF : 5760.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2649.618+/-111.235 χ^2/NDF : 2519.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

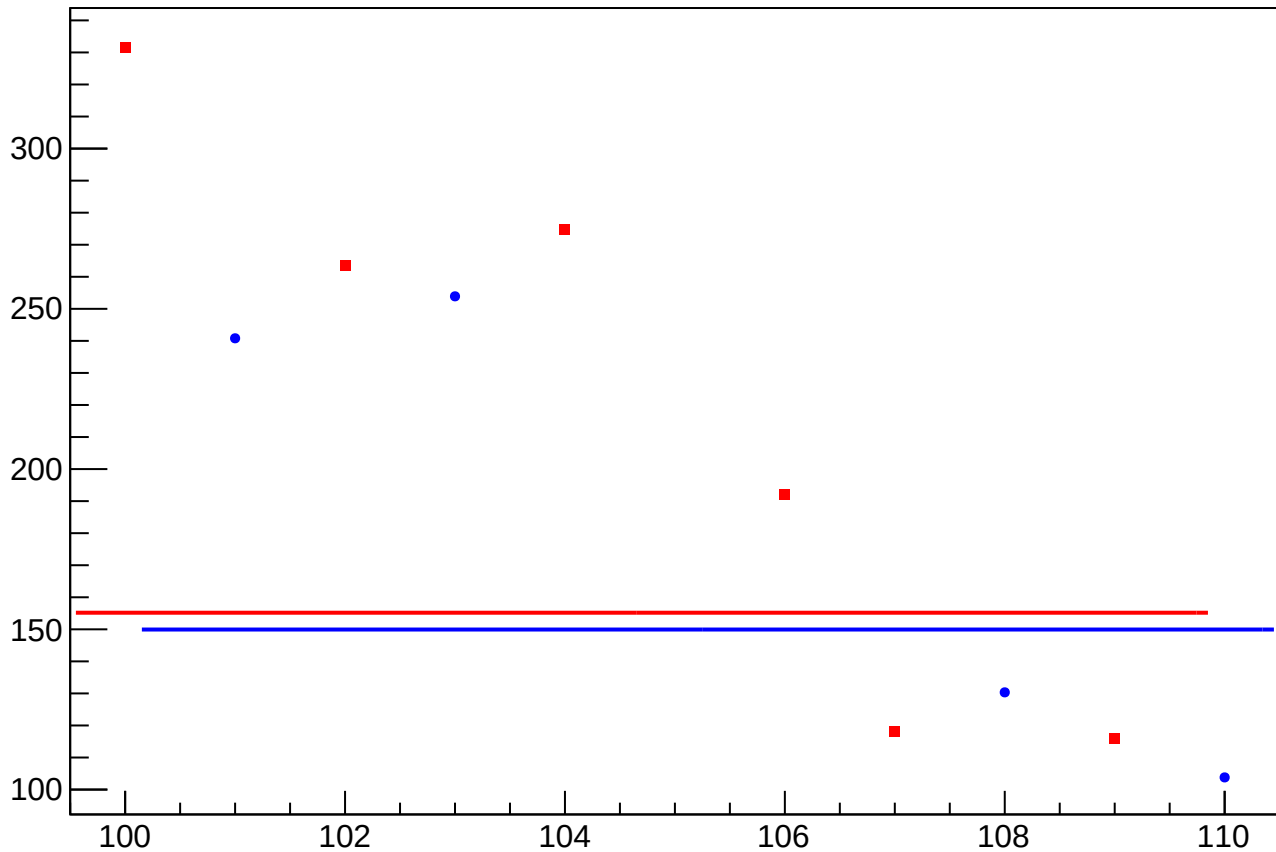
Right: -3850.494+/-80.067 χ^2/NDF : 8521.4/9

In: -5141.635+/-115.340 χ^2/NDF : 5760.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3850.494+/-80.067 χ^2/NDF : 8521.4/9

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 149.937+/-0.082 χ^2/NDF : 539674.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.182+/-0.079 χ^2/NDF : 624555.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

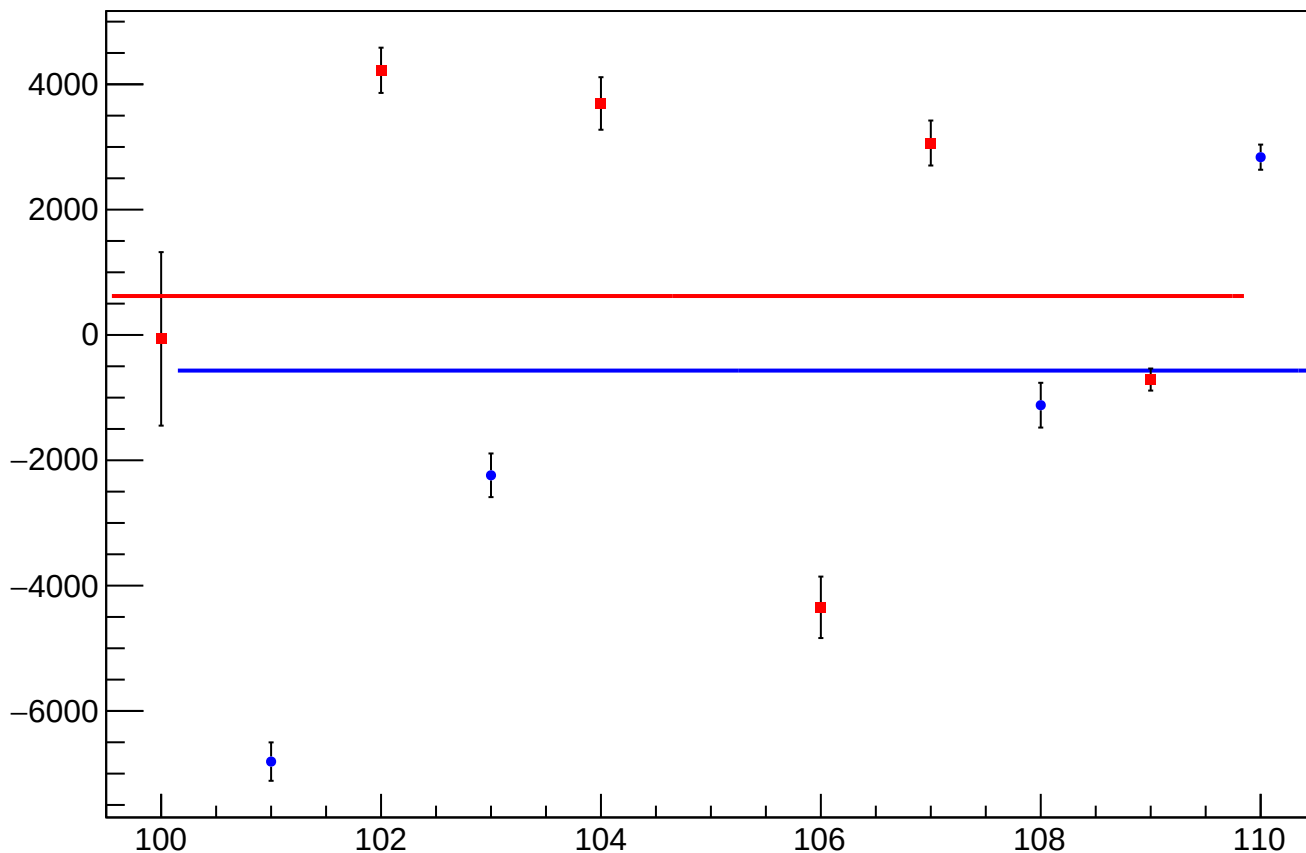
Right: 152.655+/-0.057 χ^2/NDF : 1166371.4/9

In: 149.937+/-0.082 χ^2/NDF : 539674.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.655+/-0.057 χ^2/NDF : 1166371.4/9

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: -568.370+/-139.295 χ^2 /NDF: 727.6/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 621.447+/-131.211 χ^2 /NDF: 359.7/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

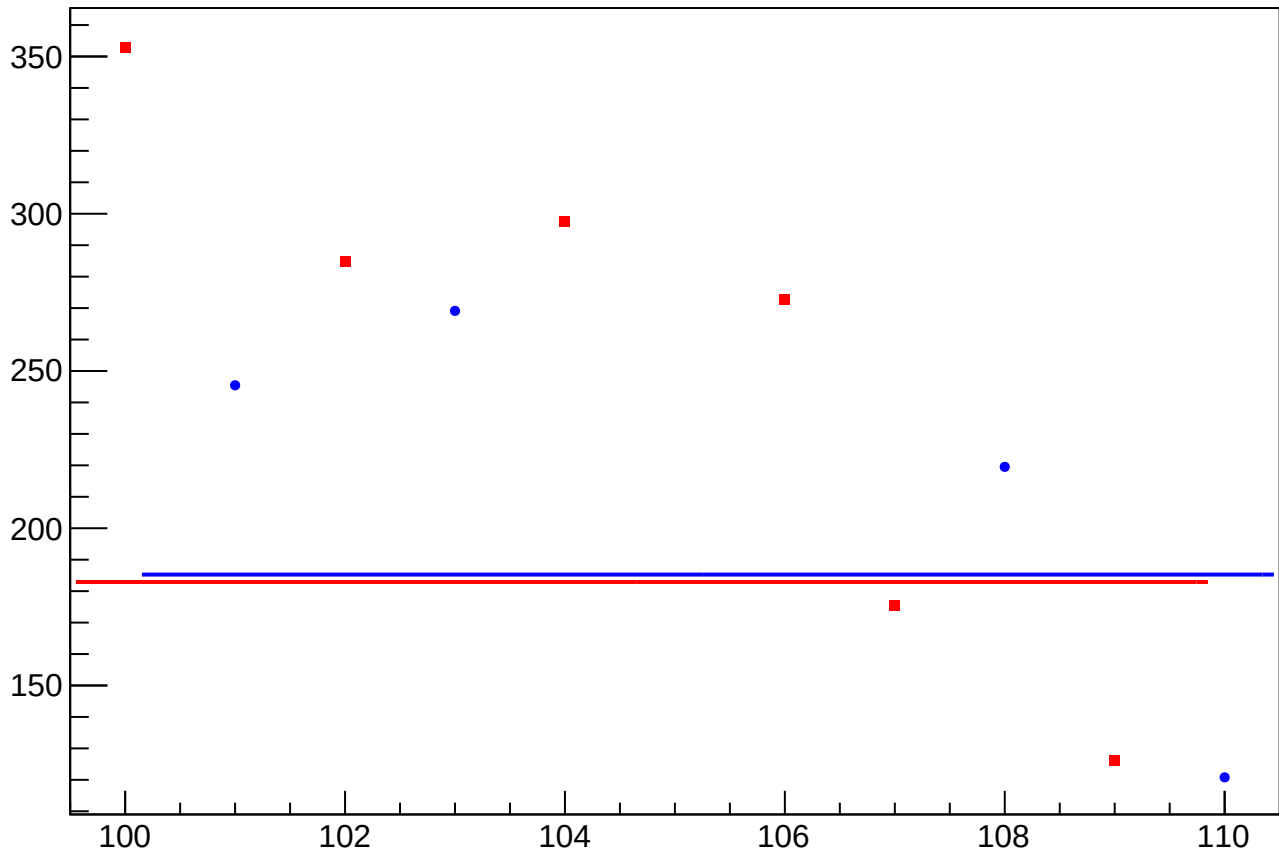
Right: 62.068+/-95.510 χ^2 /NDF: 1126.0/9

In: -568.370+/-139.295 χ^2 /NDF:727.6/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 62.068+/-95.510 χ^2 /NDF: 1126.0/9

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 185.270+/-0.098 χ^2/NDF : 417721.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.916+/-0.093 χ^2/NDF : 615586.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

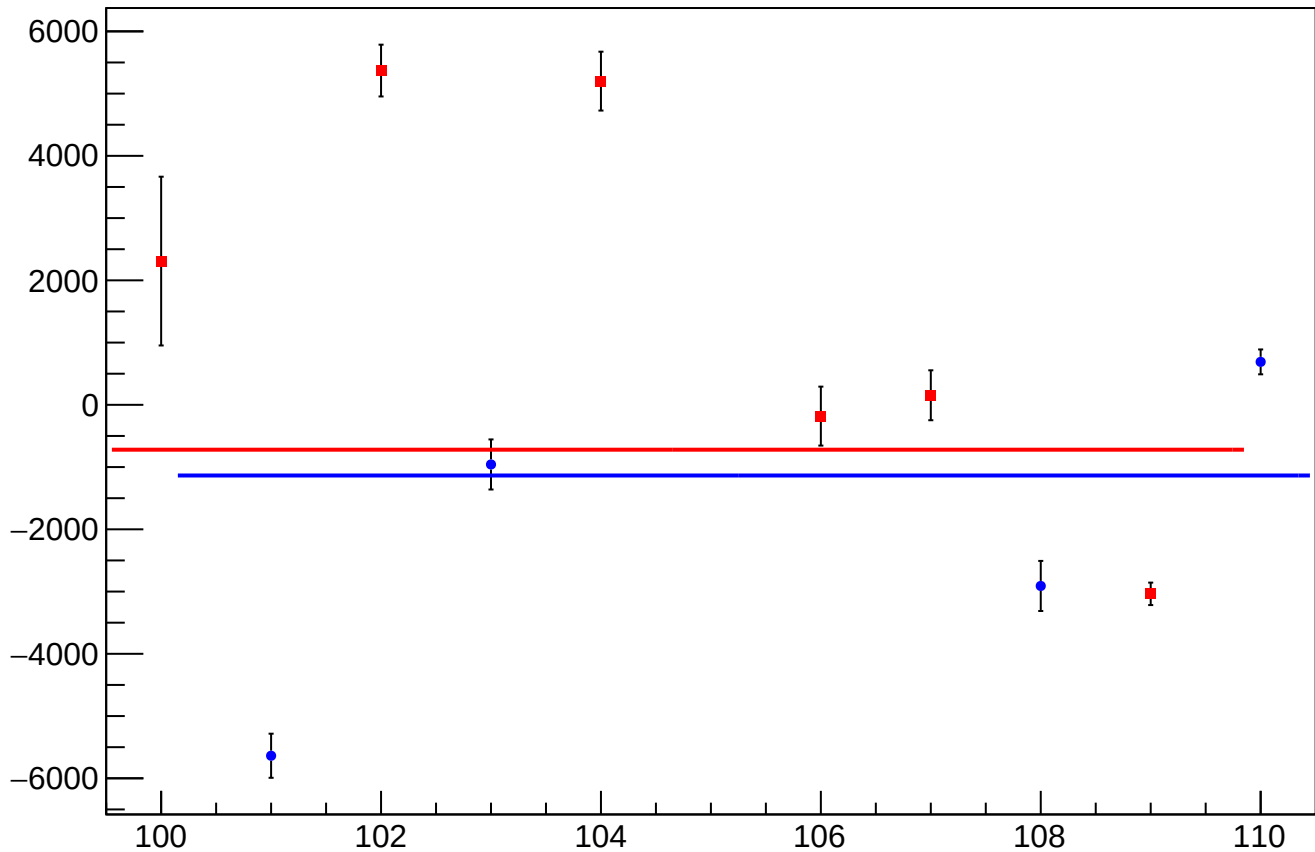
Right: 184.023+/-0.068 χ^2/NDF : 1033610.6/9

In: 185.270+/-0.098 χ^2/NDF : 417721.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.023+/-0.068 χ^2/NDF : 1033610.6/9

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: -1135.300+/-148.433 χ^2/NDF : 264.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -720.899+/-138.408 χ^2/NDF : 547.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

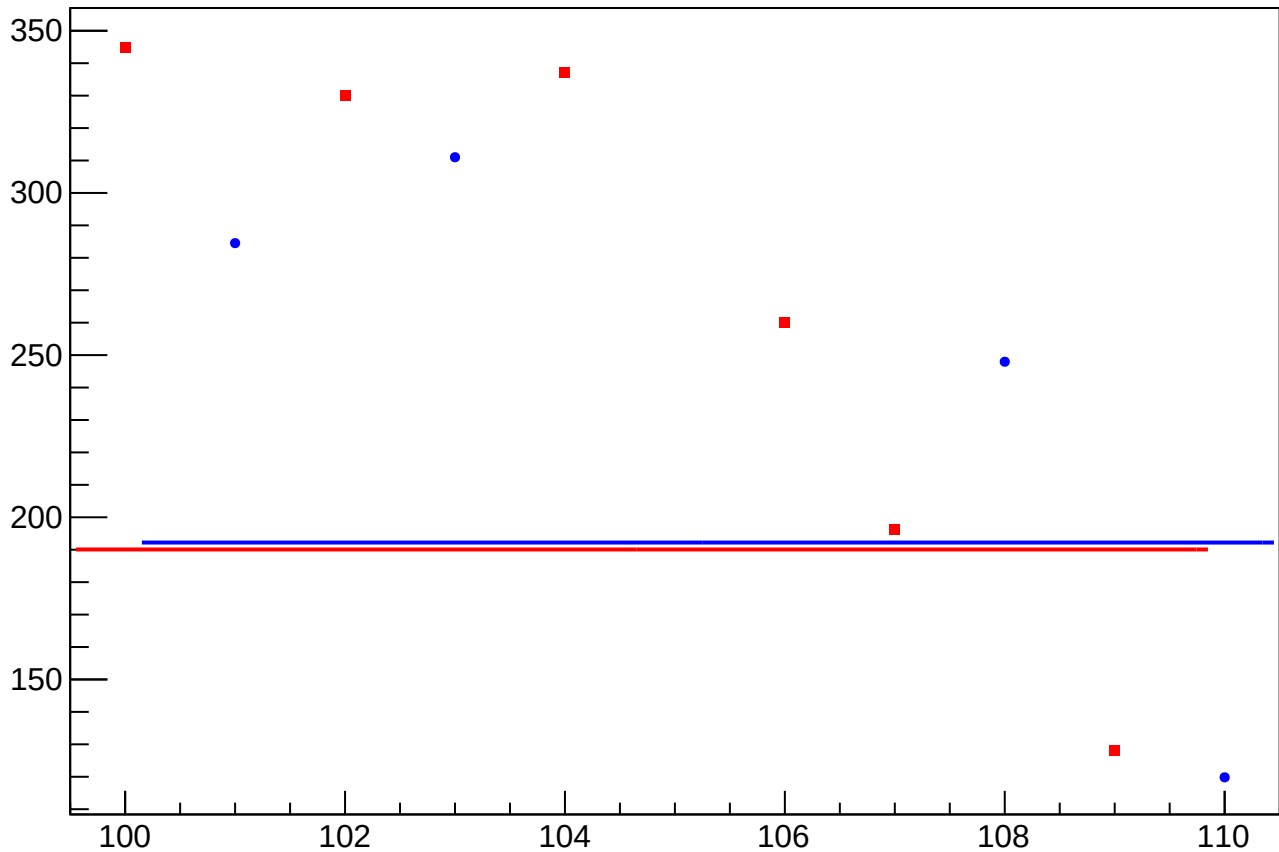
Right: -913.634+/-101.228 χ^2/NDF : 815.8/9

In: -1135.300+/-148.433 χ^2/NDF : 264.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -913.634+/-101.228 χ^2/NDF : 815.8/9

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 192.213+/-0.105 χ^2/NDF : 611299.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.076+/-0.098 χ^2/NDF : 724646.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

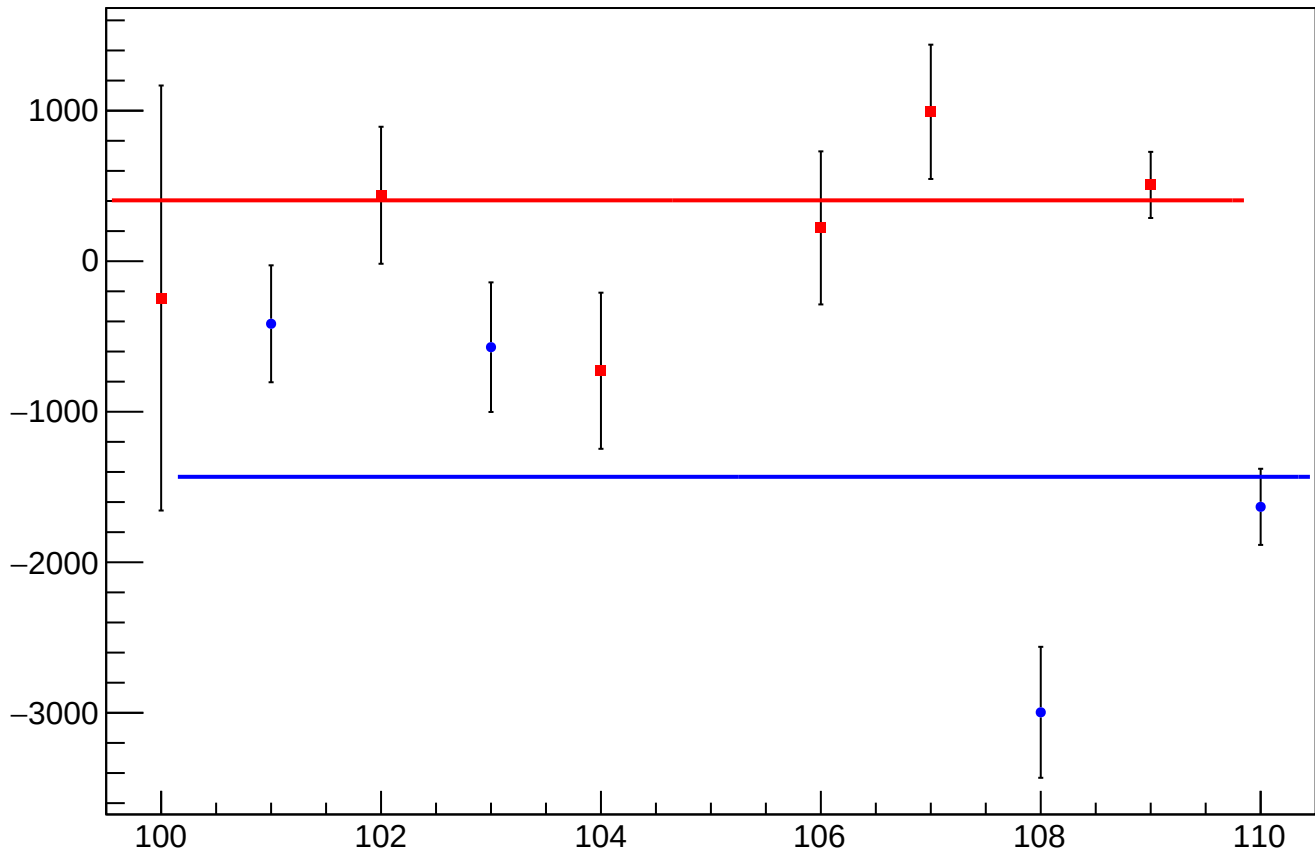
Right: 191.070+/-0.072 χ^2/NDF : 1336167.7/9

In: 192.213+/-0.105 χ^2/NDF : 611299.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.070+/-0.072 χ^2/NDF : 1336167.7/9

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -1432.238 $\pm$ 174.222 χ^2 /NDF: 24.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 404.337 $\pm$ 160.808 χ^2 /NDF: 7.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

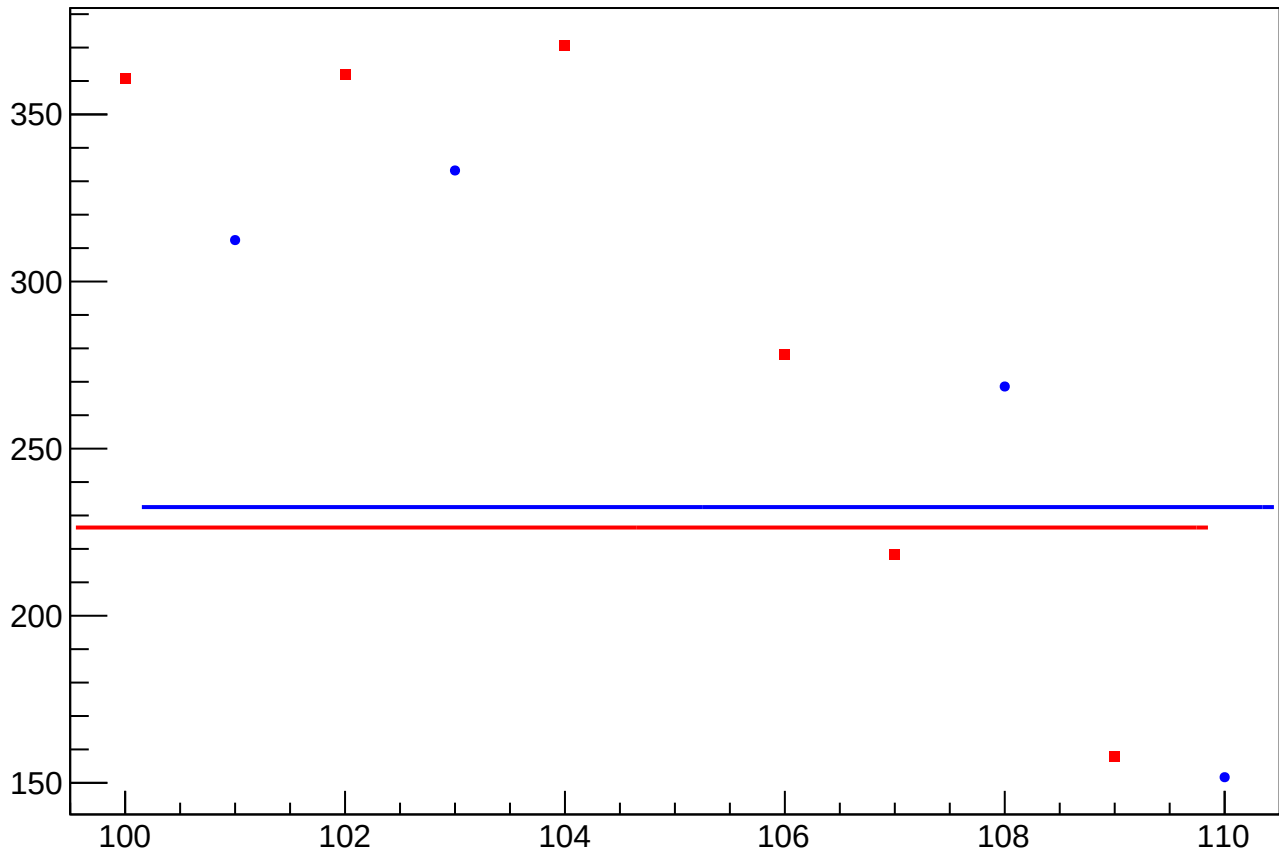
Right: -440.533 $\pm$ 118.167 χ^2 /NDF: 91.5/9

In: -1432.238 $\pm$ 174.222 χ^2 /NDF:24.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -440.533 $\pm$ 118.167 χ^2 /NDF: 91.5/9

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 232.511+/-0.123 χ^2/NDF : 412130.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.396+/-0.114 χ^2/NDF : 565476.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

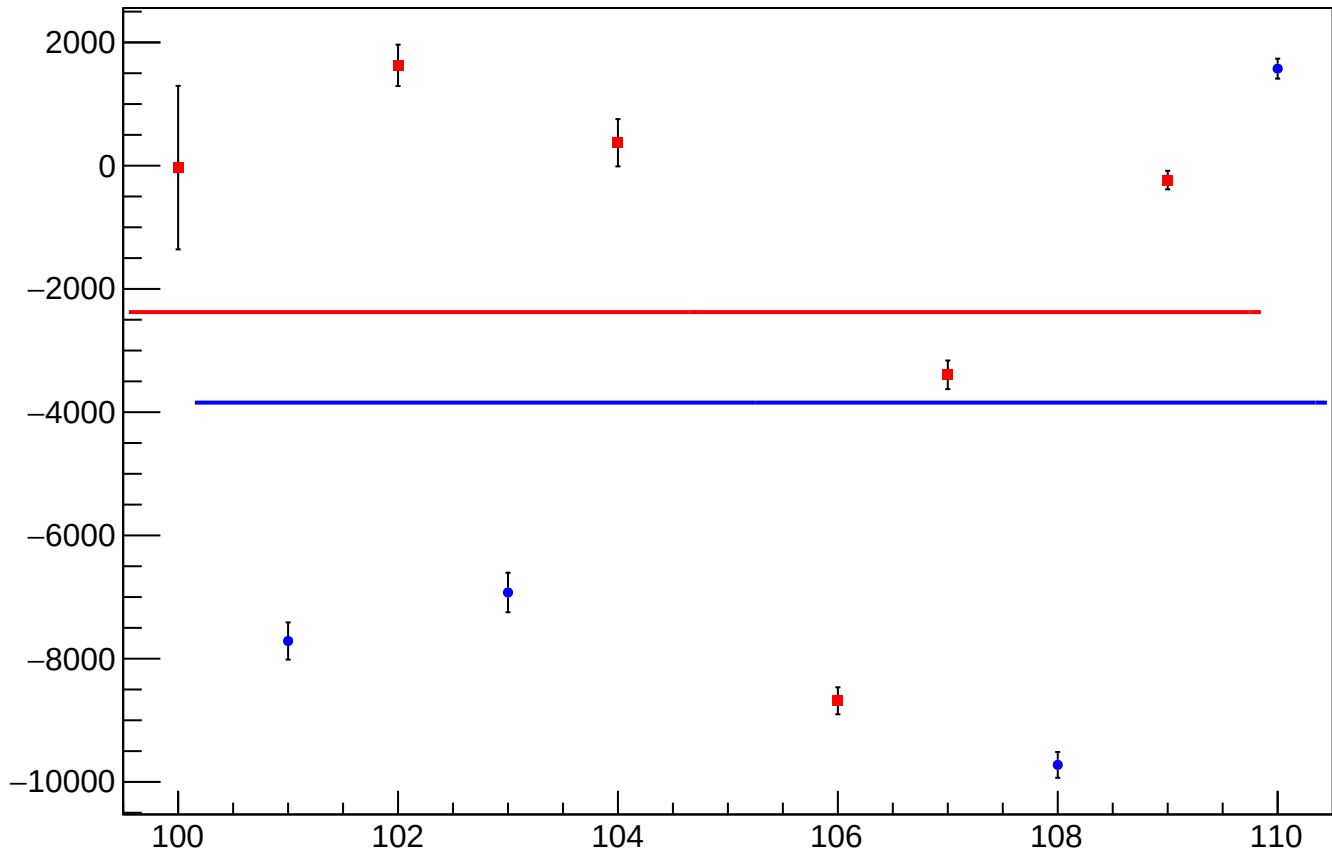
Right: 229.209+/-0.084 χ^2/NDF : 978937.7/9

In: 232.511+/-0.123 χ^2/NDF : 412130.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.209+/-0.084 χ^2/NDF : 978937.7/9

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -3844.516+/-110.753 χ^2/NDF : 2160.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2375.825+/-99.997 χ^2/NDF : 1249.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

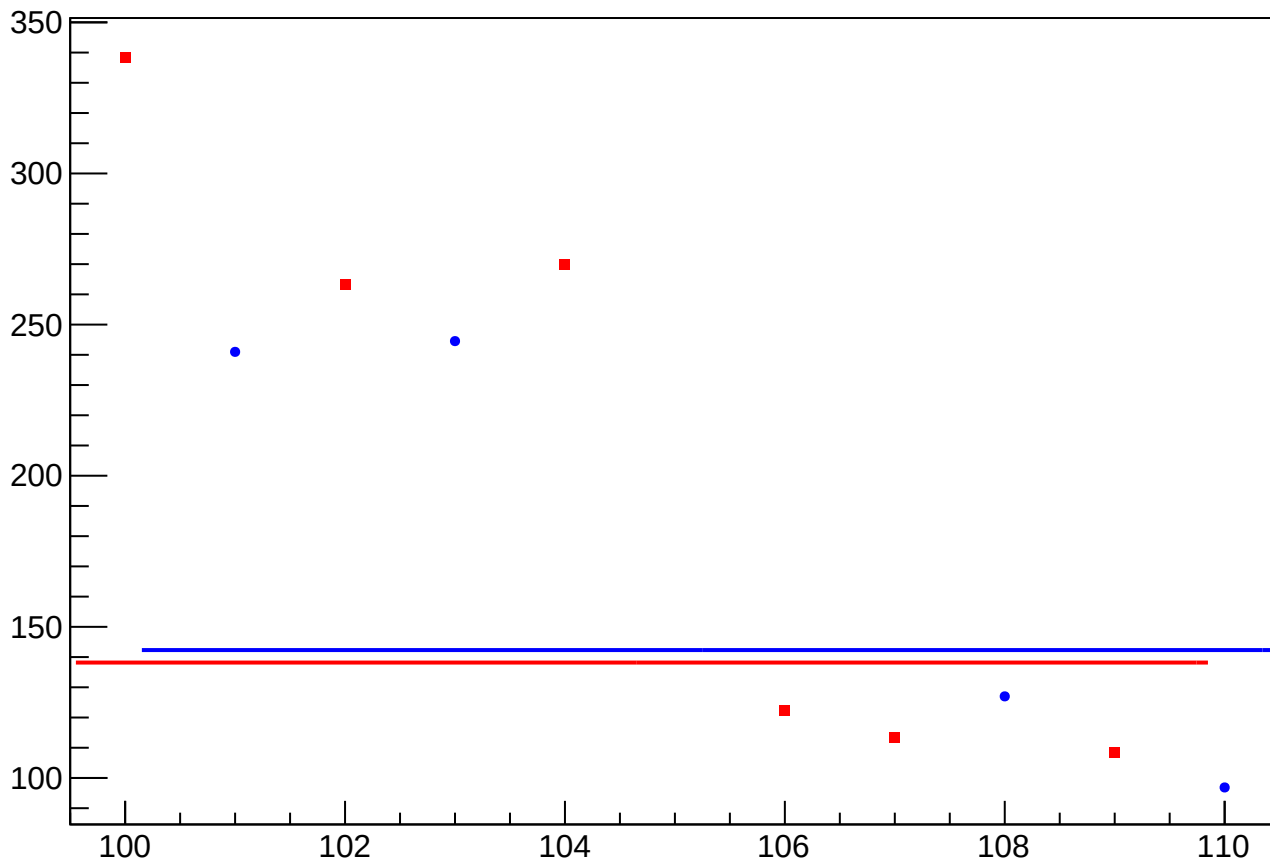
Right: -3035.404+/-74.221 χ^2/NDF : 3507.1/9

In: -3844.516+/-110.753 χ^2/NDF : 2160.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3035.404+/-74.221 χ^2/NDF : 3507.1/9

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 142.318+/-0.078 χ^2/NDF : 585126.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.184+/-0.071 χ^2/NDF : 670593.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

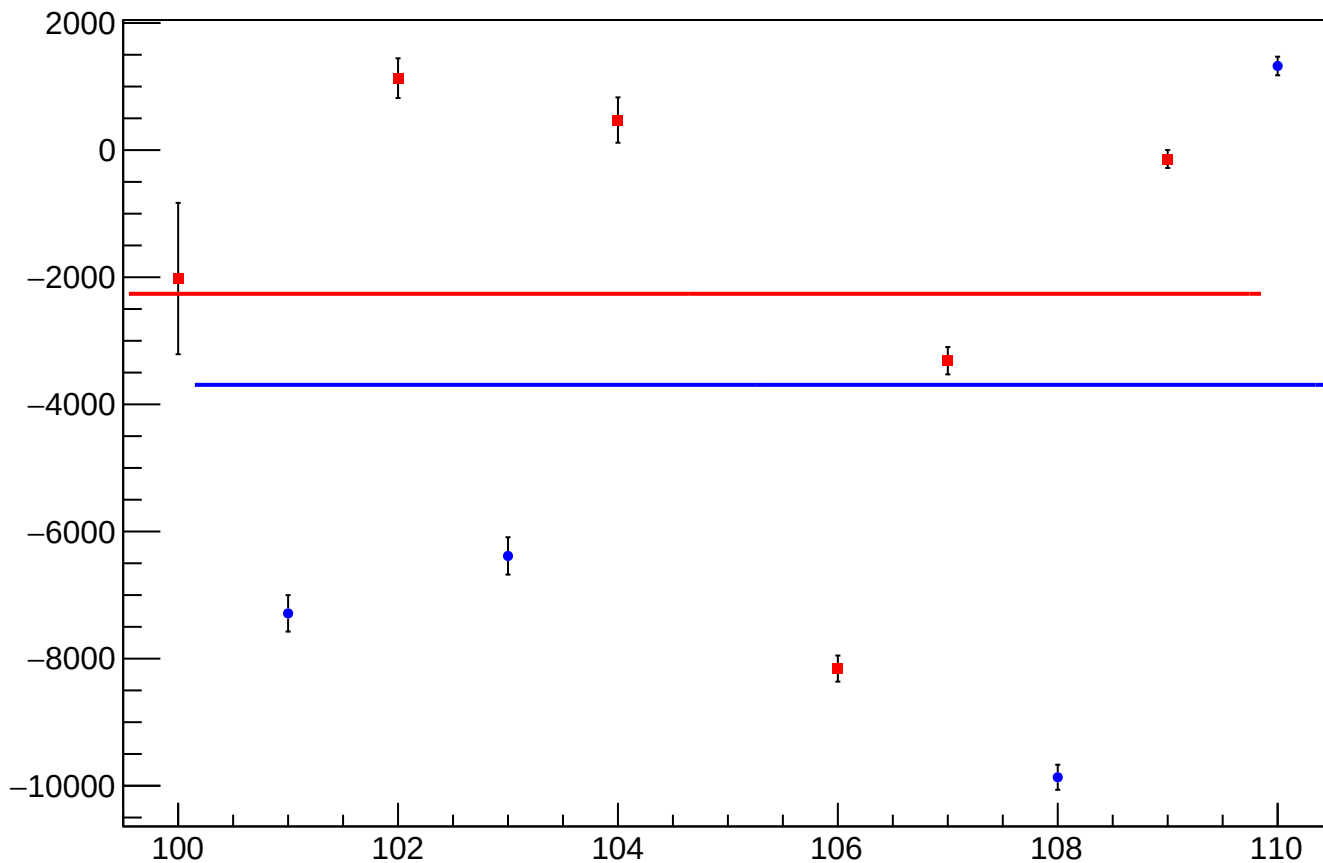
Right: 140.041+/-0.052 χ^2/NDF : 1257255.2/9

In: 142.318+/-0.078 χ^2/NDF : 585126.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.041+/-0.052 χ^2/NDF : 1257255.2/9

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -3693.093+/-101.999 χ^2/NDF : 2396.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2260.436+/-93.553 χ^2/NDF : 1251.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

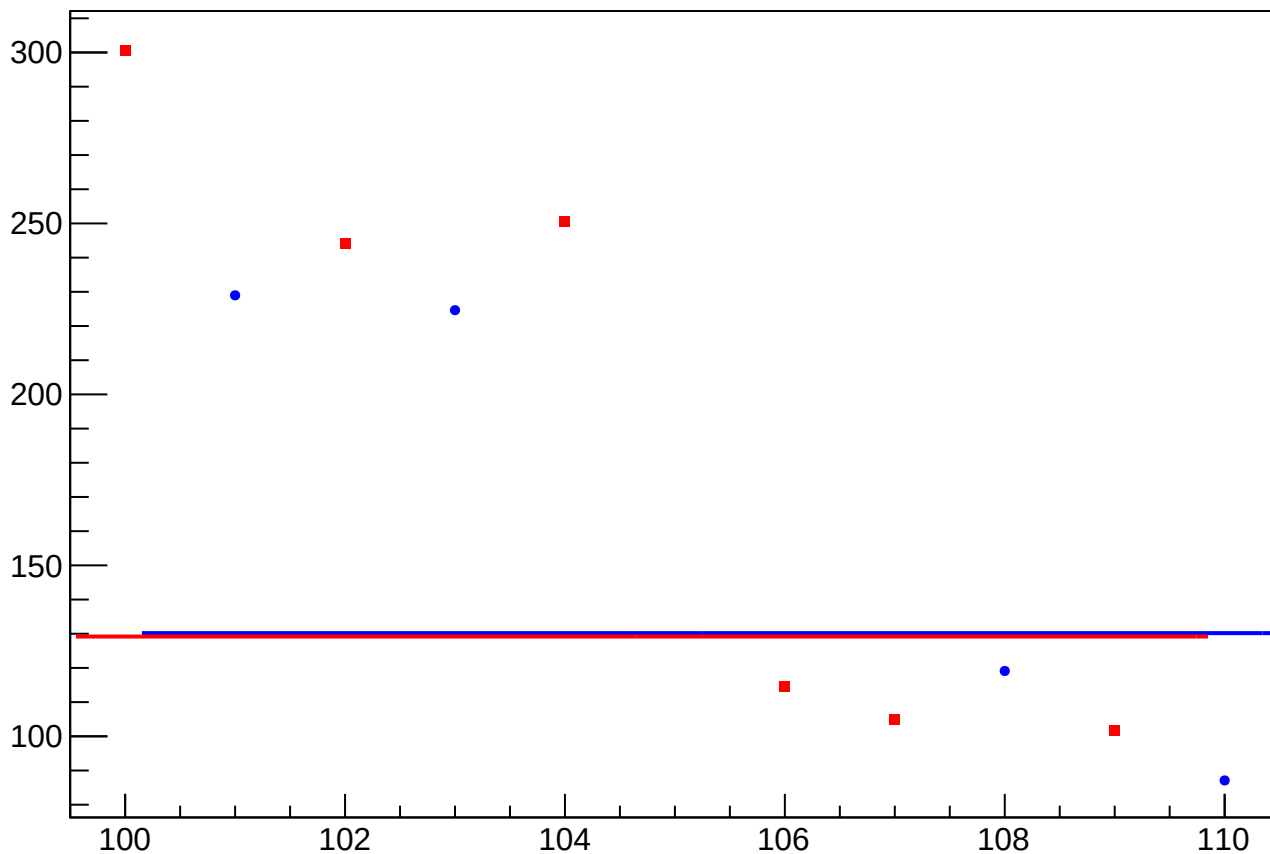
Right: -2915.000+/-68.945 χ^2/NDF : 3754.7/9

In: -3693.093+/-101.999 χ^2/NDF : 2396.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2915.000+/-68.945 χ^2/NDF : 3754.7/9

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 130.181+/-0.072 χ^2/NDF : 623255.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.178+/-0.066 χ^2/NDF : 655932.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

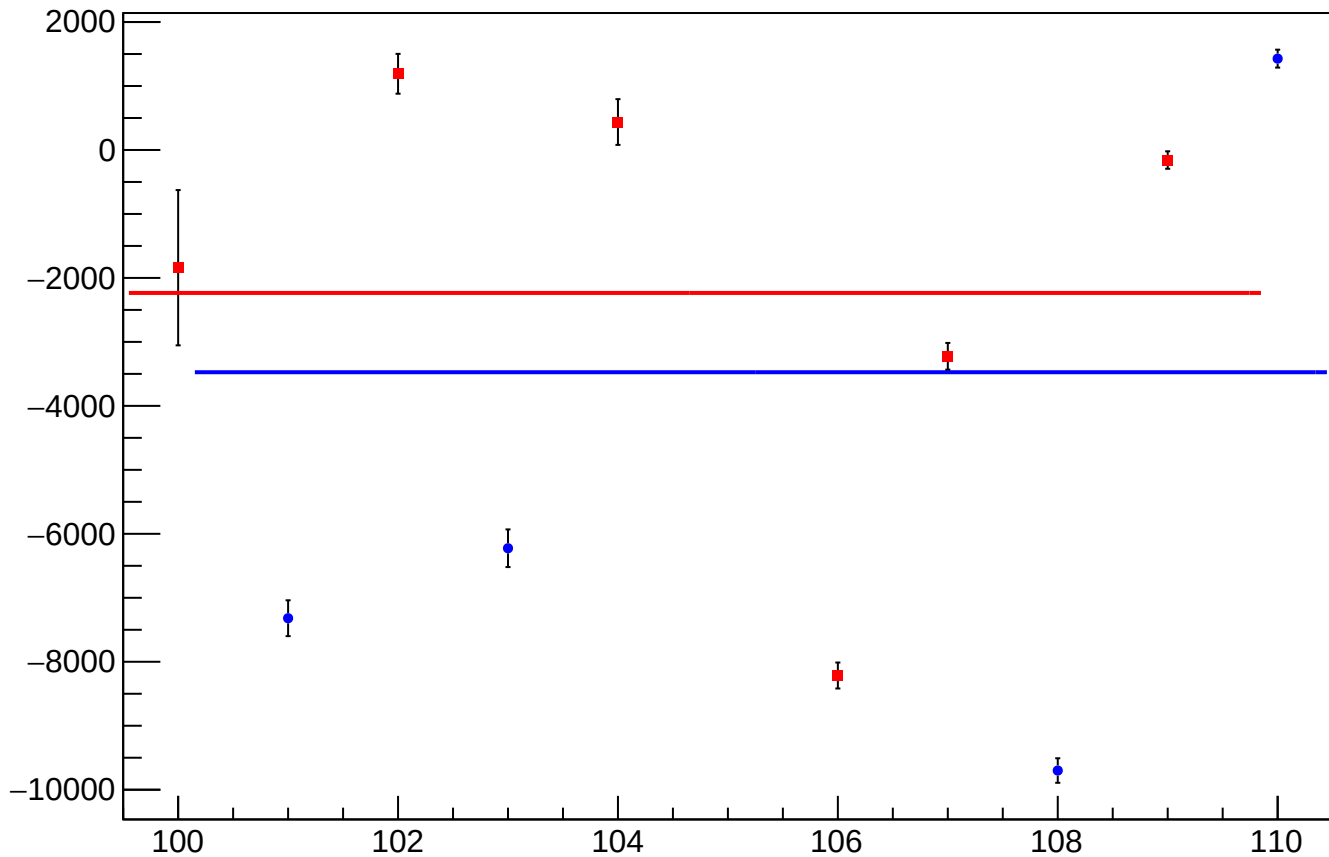
Right: 129.636+/-0.049 χ^2/NDF : 1279292.5/9

In: 130.181+/-0.072 χ^2/NDF : 623255.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.636+/-0.049 χ^2/NDF : 1279292.5/9

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -3474.071+/-98.811 χ^2/NDF : 2553.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2234.671+/-91.372 χ^2/NDF : 1300.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

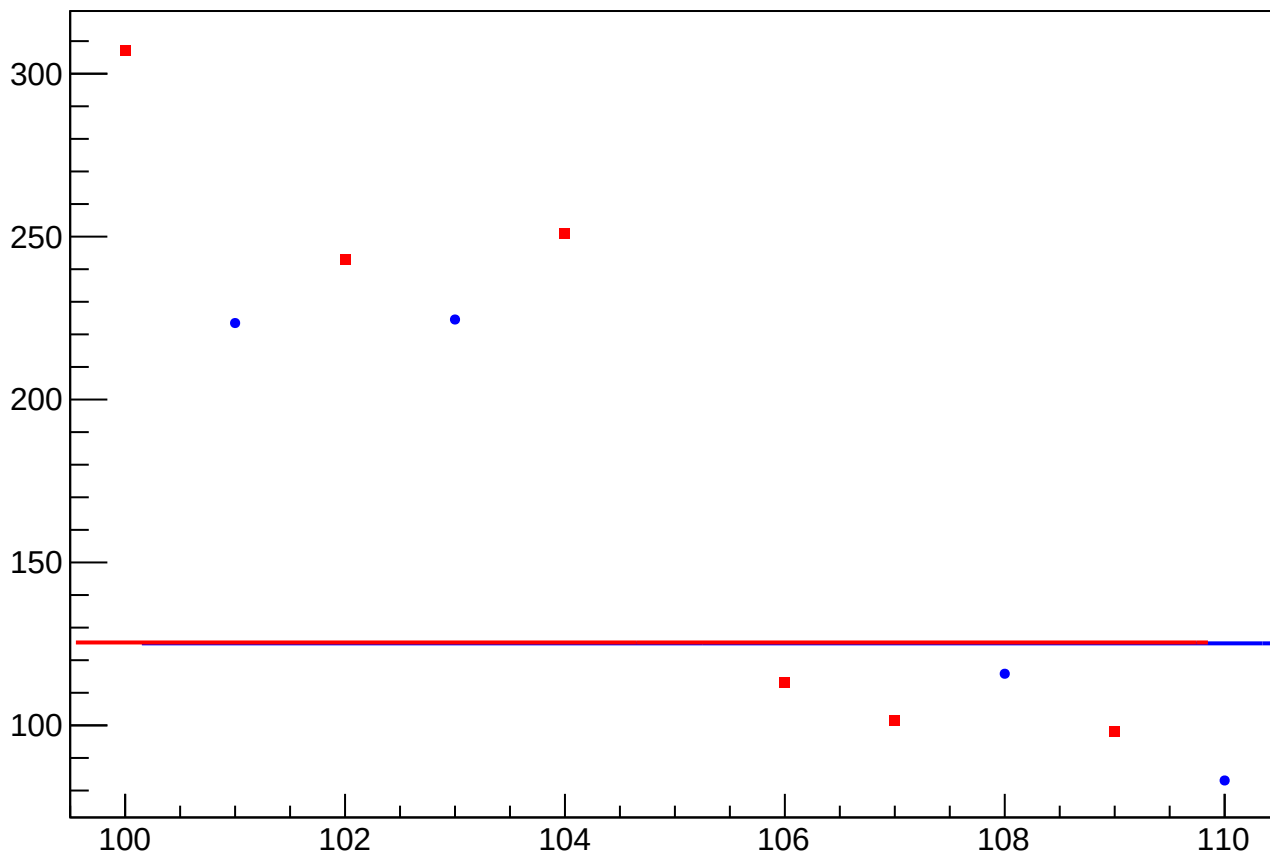
Right: -2805.968+/-67.086 χ^2/NDF : 3938.9/9

In: -3474.071+/-98.811 χ^2/NDF : 2553.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2805.968+/-67.086 χ^2/NDF : 3938.9/9

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 125.170+/-0.070 χ^2/NDF : 659378.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.442+/-0.065 χ^2/NDF : 691835.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

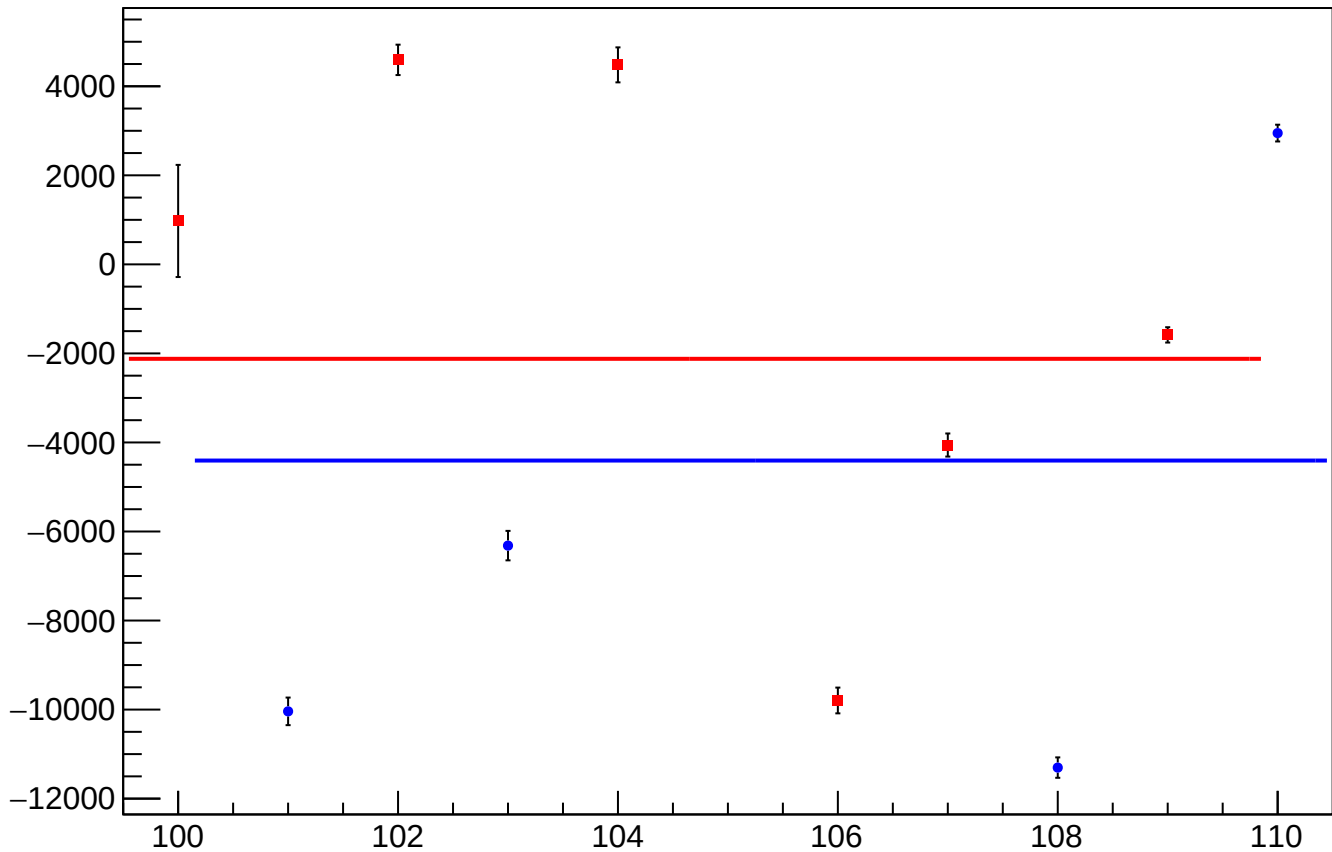
Right: 125.316+/-0.047 χ^2/NDF : 1351221.8/9

In: 125.170+/-0.070 χ^2/NDF : 659378.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.316+/-0.047 χ^2/NDF : 1351221.8/9

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: -4406.461+/-122.365 χ^2/NDF : 2794.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2121.520+/-114.494 χ^2/NDF : 1444.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

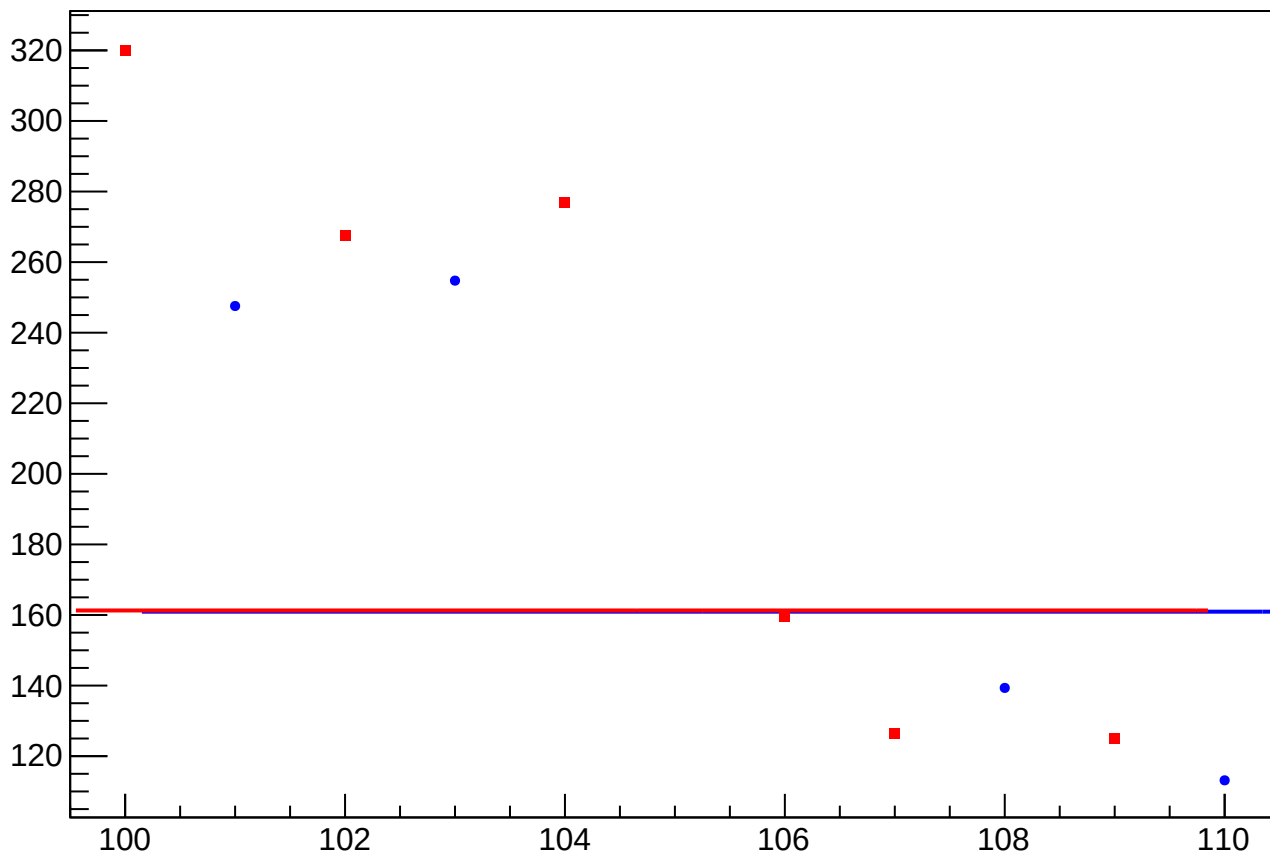
Right: -3188.139+/-83.604 χ^2/NDF : 4425.7/9

In: -4406.461+/-122.365 χ^2/NDF : 2794.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3188.139+/-83.604 χ^2/NDF : 4425.7/9

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 160.946+/-0.087 χ^2/NDF : 463664.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.283+/-0.081 χ^2/NDF : 523754.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

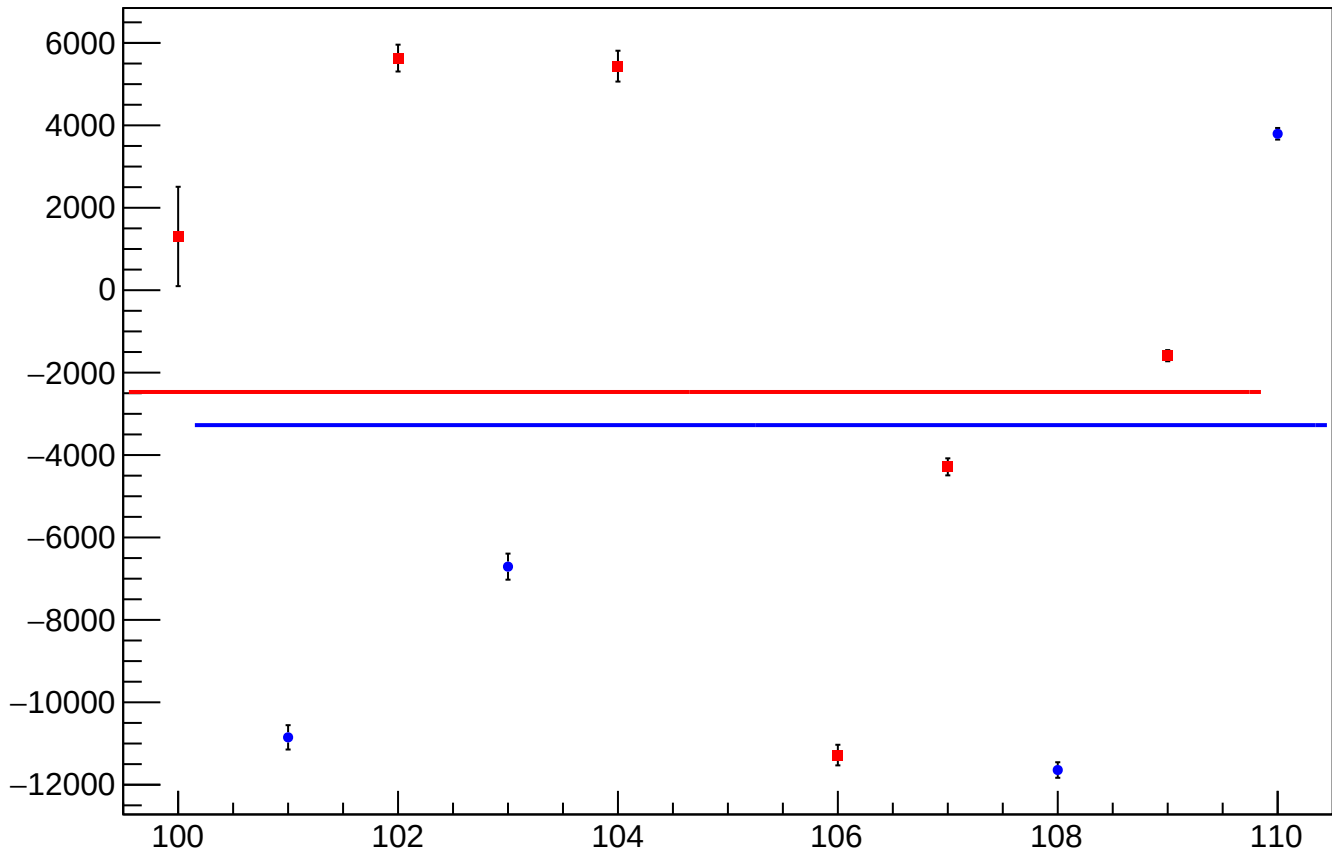
Right: 161.125+/-0.059 χ^2/NDF : 987426.9/9

In: 160.946+/-0.087 χ^2/NDF : 463664.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.125+/-0.059 χ^2/NDF : 987426.9/9

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: -3273.840 $\pm$ 100.101 χ^2 /NDF: 5253.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2469.701 $\pm$ 94.903 χ^2 /NDF: 2435.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

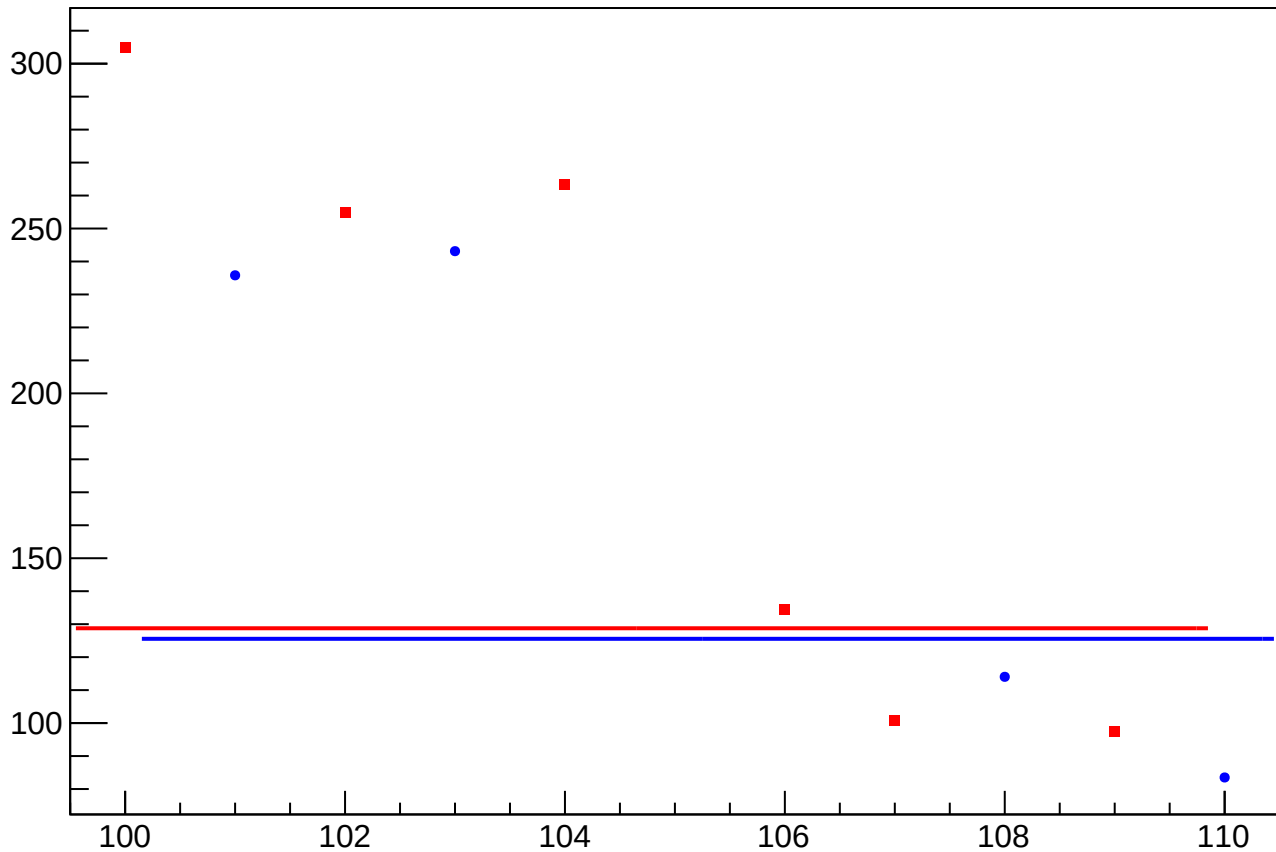
Right: -2850.352 $\pm$ 68.871 χ^2 /NDF: 7722.5/9

In: -3273.840 $\pm$ 100.101 χ^2 /NDF:5253.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2850.352 $\pm$ 68.871 χ^2 /NDF: 7722.5/9

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 125.559+/-0.071 χ^2/NDF : 740453.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.757+/-0.067 χ^2/NDF : 745889.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

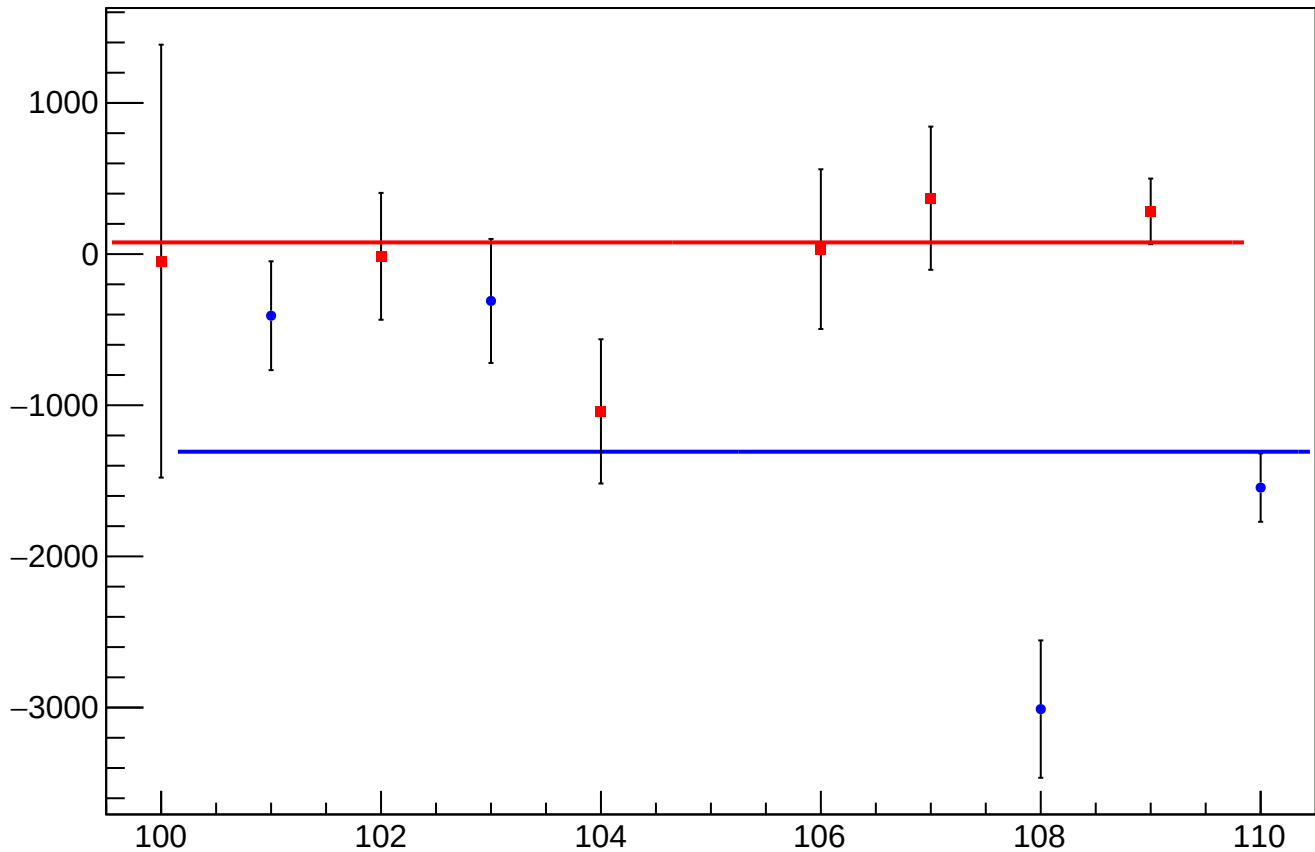
Right: 127.243+/-0.049 χ^2/NDF : 1487418.3/9

In: 125.559+/-0.071 χ^2/NDF : 740453.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.243+/-0.049 χ^2/NDF : 1487418.3/9

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -1307.434 $\pm$ 162.160 χ^2 /NDF: 27.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 77.407 $\pm$ 158.455 χ^2 /NDF: 6.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

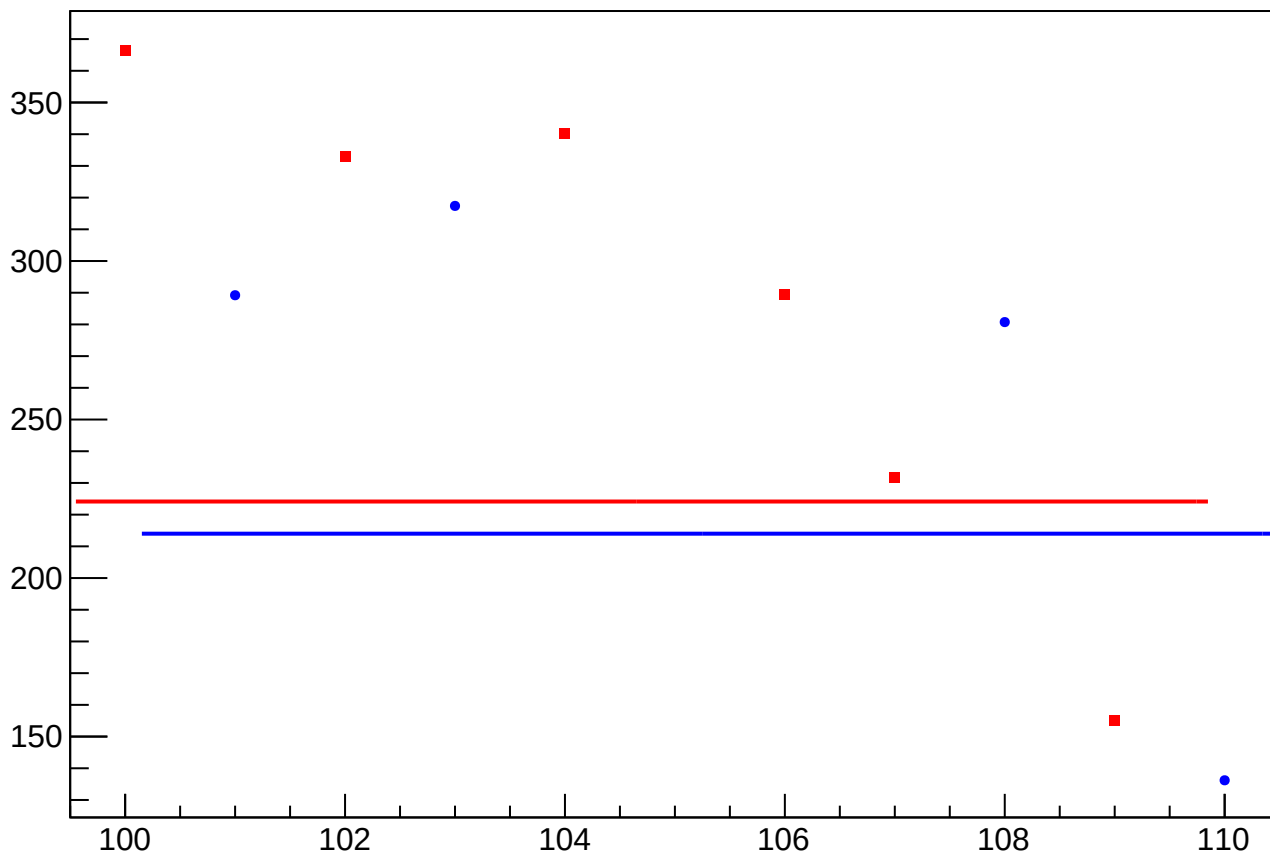
Right: -599.011 $\pm$ 113.332 χ^2 /NDF: 71.4/9

In: -1307.434 $\pm$ 162.160 χ^2 /NDF: 27.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -599.011 $\pm$ 113.332 χ^2 /NDF: 71.4/9

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 213.995+/-0.115 χ^2/NDF : 493823.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.140+/-0.112 χ^2/NDF : 505737.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

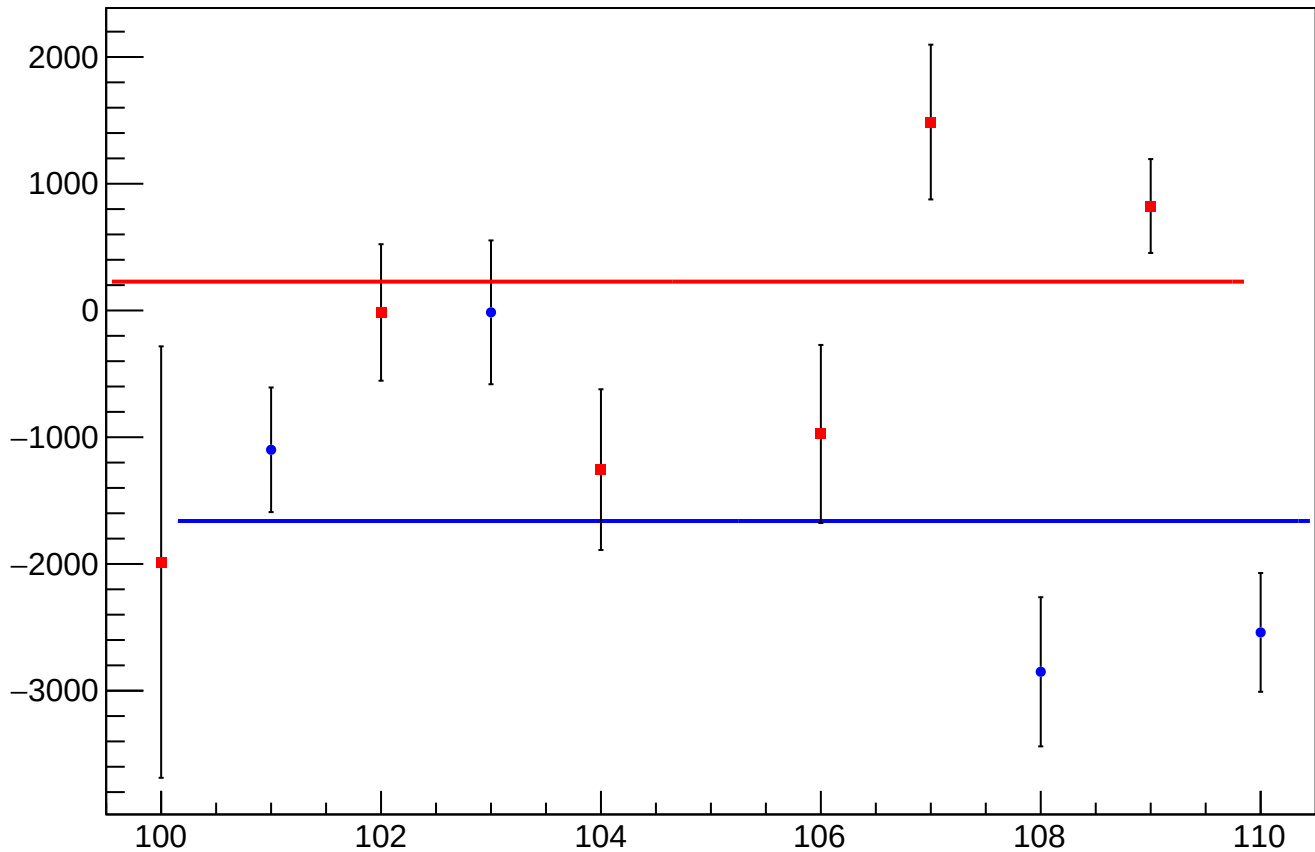
Right: 219.185+/-0.080 χ^2/NDF : 1003565.8/9

In: 213.995+/-0.115 χ^2/NDF : 493823.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.185+/-0.080 χ^2/NDF : 1003565.8/9

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -1660.985+/-260.929 χ^2/NDF : 17.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.627+/-233.867 χ^2/NDF : 17.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

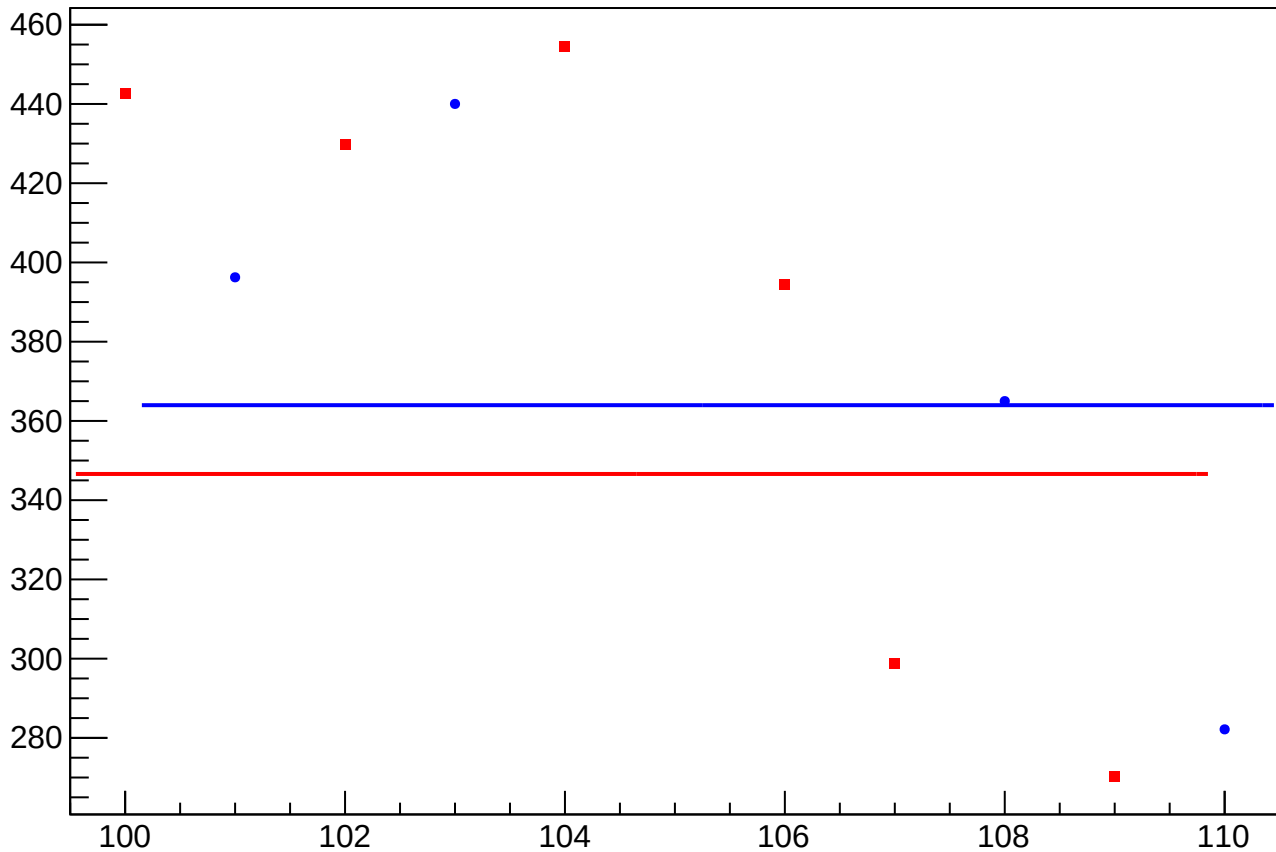
Right: -613.690+/-174.153 χ^2/NDF : 63.5/9

In: -1660.985+/-260.929 χ^2/NDF : 17.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -613.690+/-174.153 χ^2/NDF : 63.5/9

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 363.976 $\pm$ 0.185 χ^2 /NDF: 105550.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 346.615 $\pm$ 0.165 χ^2 /NDF: 218744.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

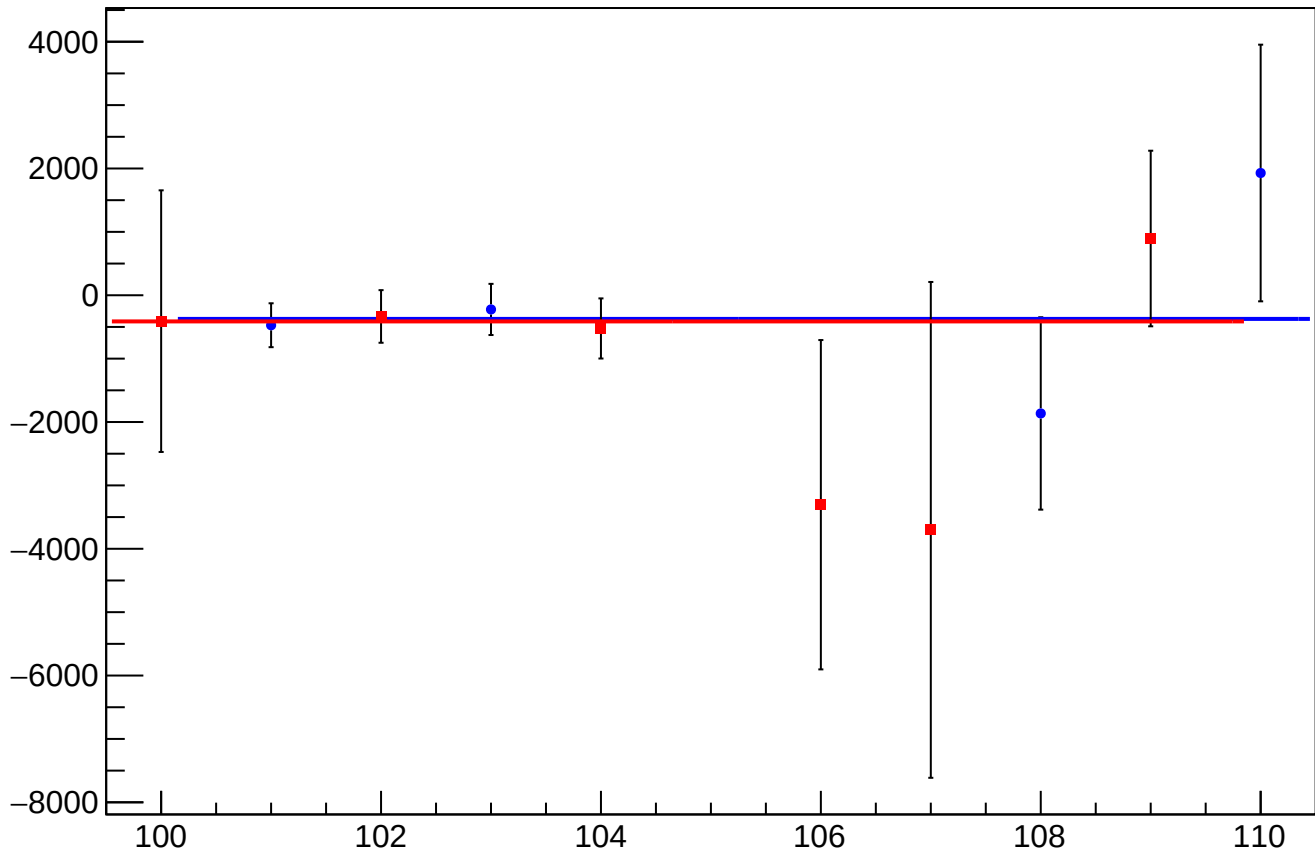
Right: 354.349 $\pm$ 0.123 χ^2 /NDF: 329204.7/9

In: 363.976 $\pm$ 0.185 χ^2 /NDF:105550.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 354.349 $\pm$ 0.123 χ^2 /NDF: 329204.7/9

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -373.255+/-256.843 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -412.772+/-298.542 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

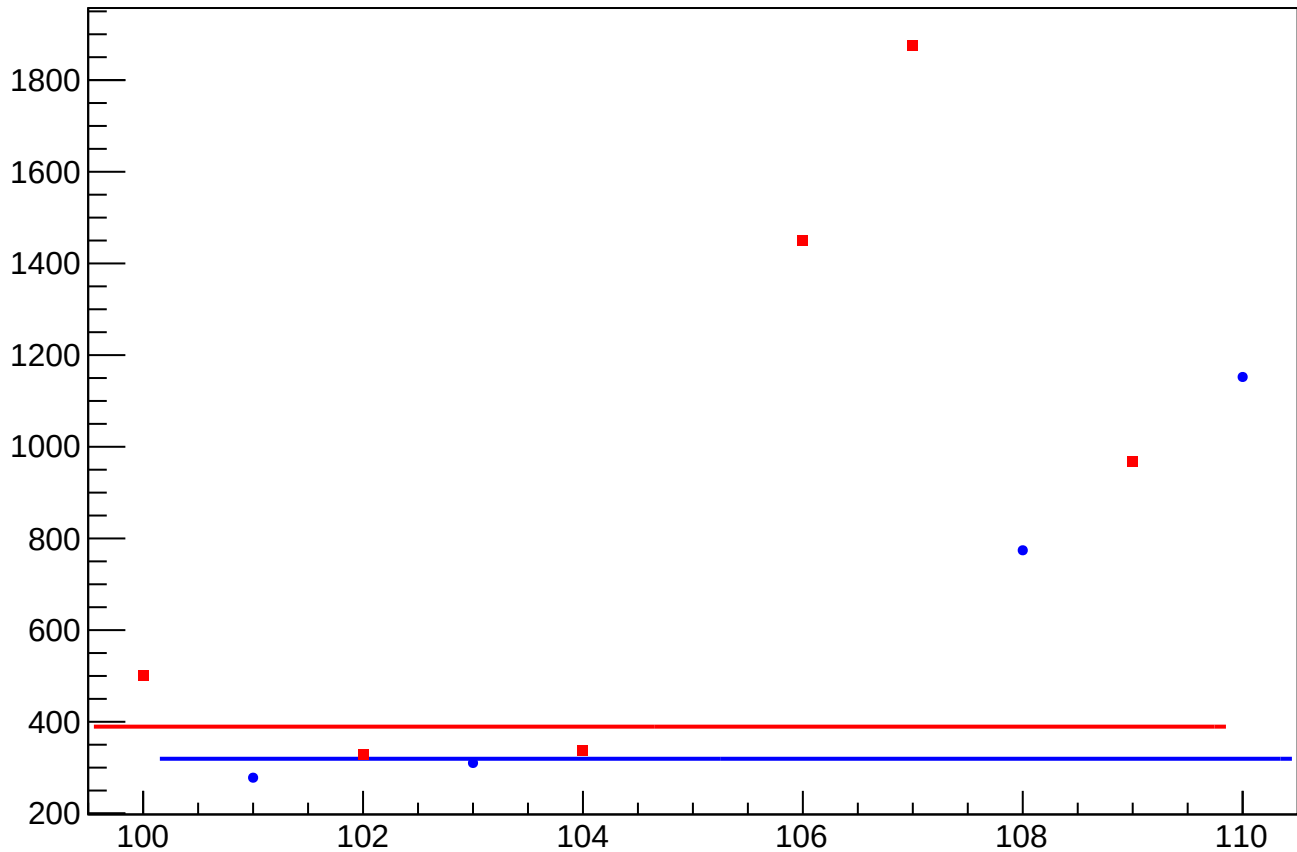
Right: -390.063+/-194.703 χ^2/NDF : 5.4/9

In: -373.255+/-256.843 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -390.063+/-194.703 χ^2/NDF : 5.4/9

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 319.339+/-0.182 χ^2/NDF : 547632.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.409+/-0.211 χ^2/NDF : 1041239.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

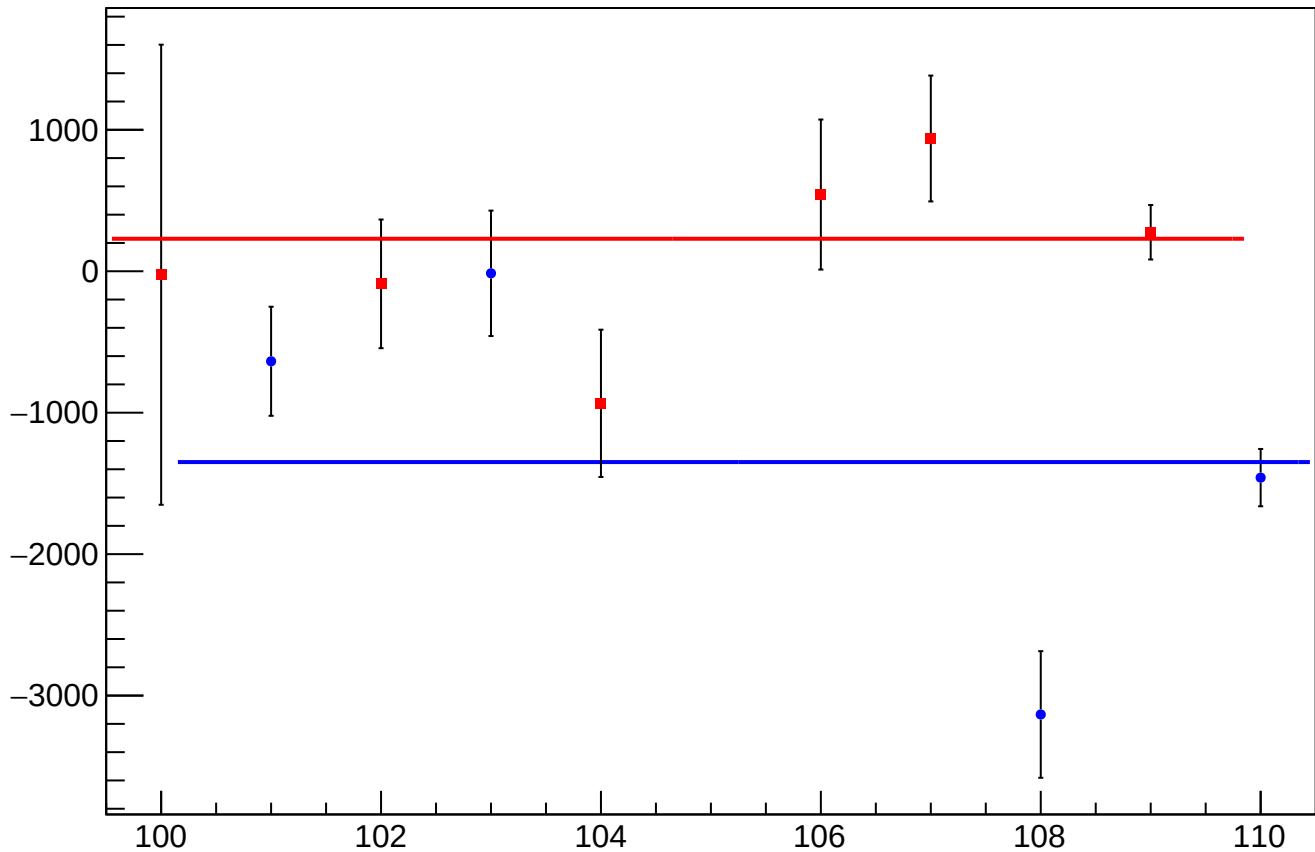
Right: 349.142+/-0.138 χ^2/NDF : 1652185.9/9

In: 319.339+/-0.182 χ^2/NDF : 547632.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.142+/-0.138 χ^2/NDF : 1652185.9/9

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -1349.055+/-155.857 χ^2/NDF : 28.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 229.782+/-149.954 χ^2/NDF : 8.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

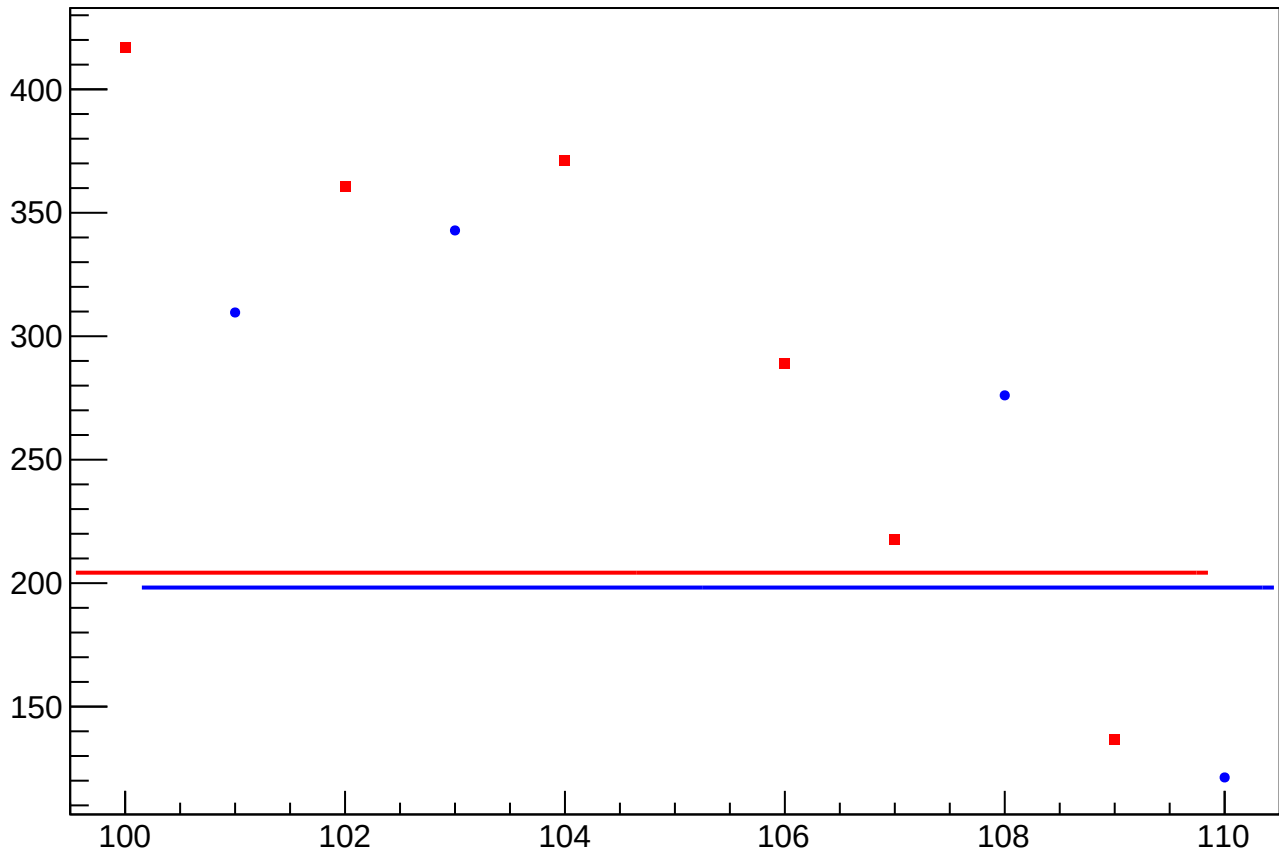
Right: -529.172+/-108.060 χ^2/NDF : 90.4/9

In: -1349.055+/-155.857 χ^2/NDF : 28.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -529.172+/-108.060 χ^2/NDF : 90.4/9

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 198.220+/-0.110 χ^2/NDF : 728480.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.242+/-0.106 χ^2/NDF : 775964.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

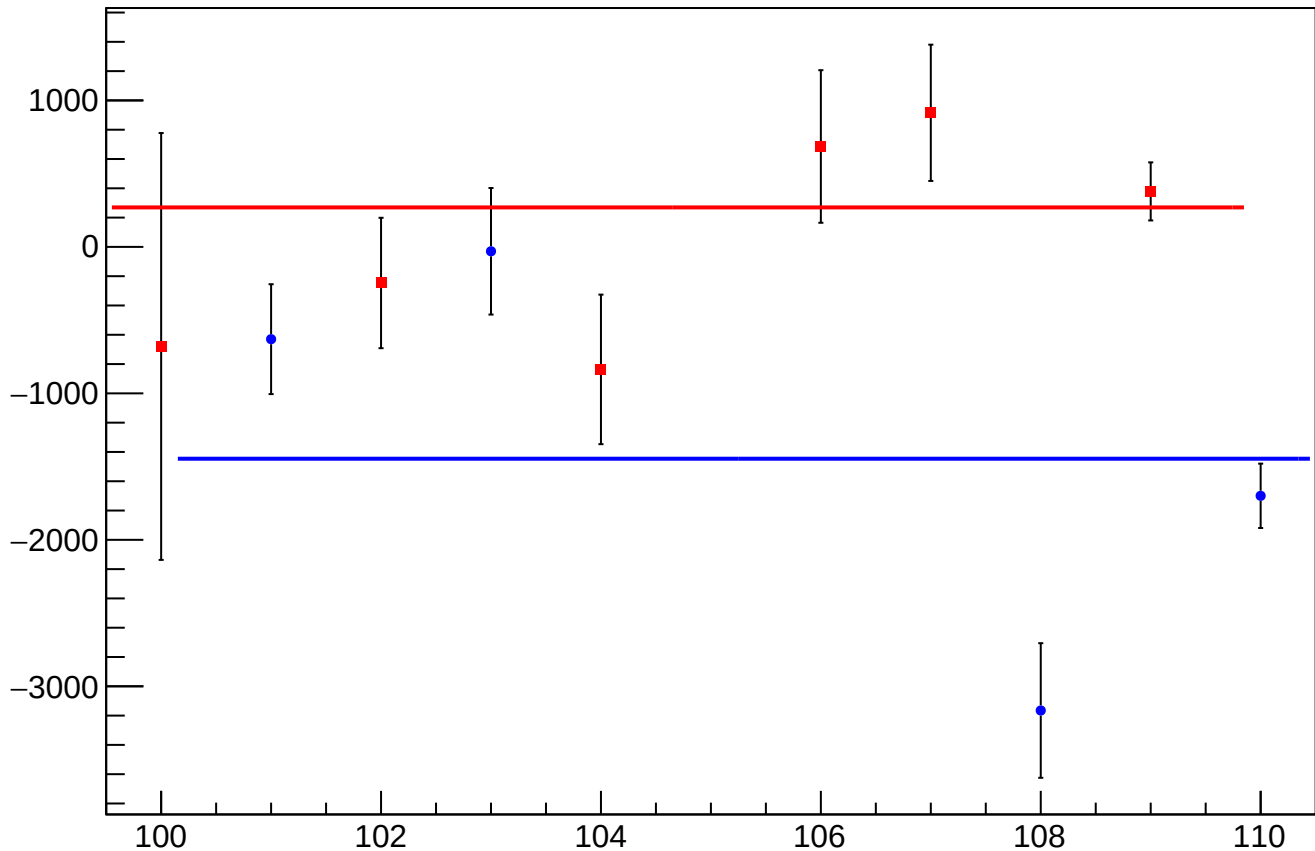
Right: 201.347+/-0.076 χ^2/NDF : 1505995.3/9

In: 198.220+/-0.110 χ^2/NDF : 728480.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.347+/-0.076 χ^2/NDF : 1505995.3/9

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -1446.213+/-162.416 χ^2/NDF : 30.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 269.596+/-152.334 χ^2/NDF : 9.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

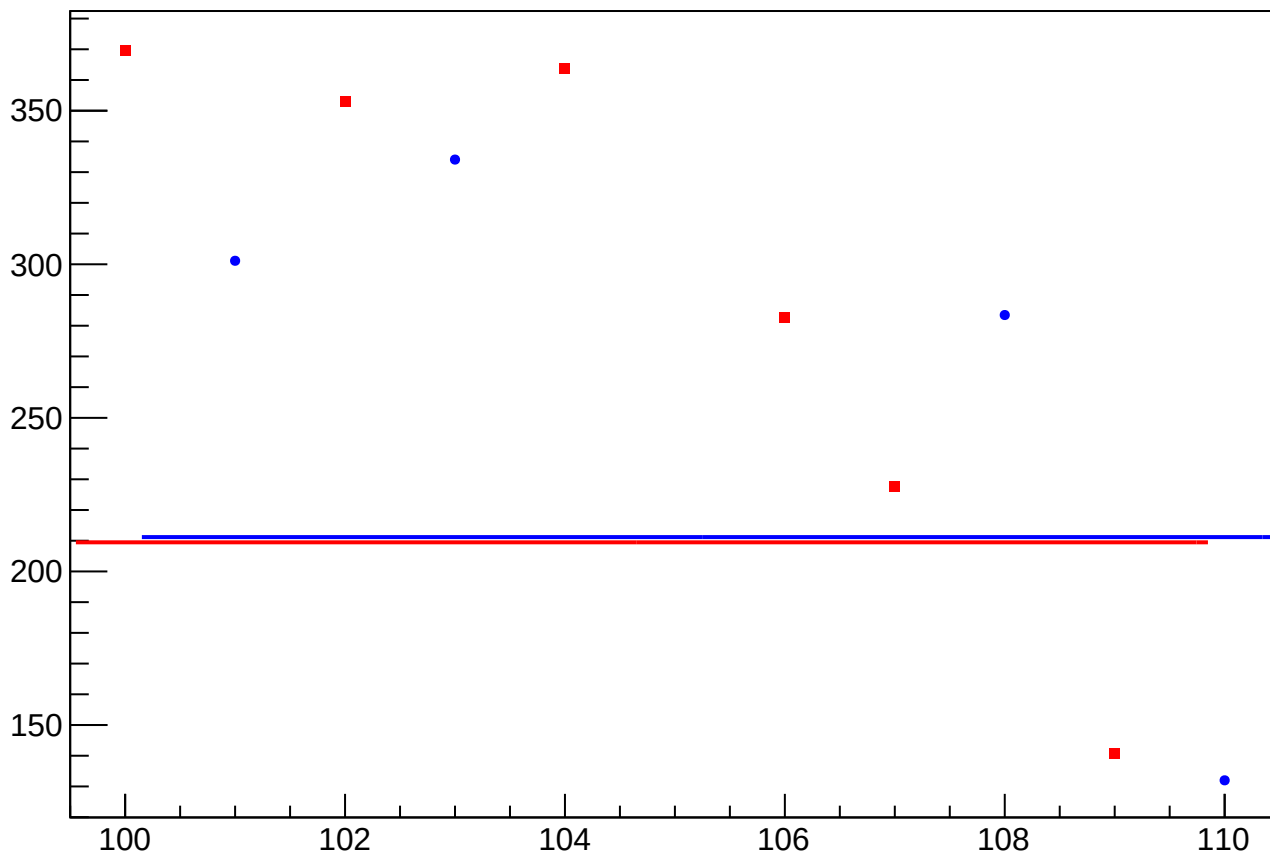
Right: -533.404+/-111.110 χ^2/NDF : 99.5/9

In: -1446.213+/-162.416 χ^2/NDF : 30.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -533.404+/-111.110 χ^2/NDF : 99.5/9

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 211.182+/-0.115 χ^2/NDF : 586113.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.480+/-0.108 χ^2/NDF : 696643.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

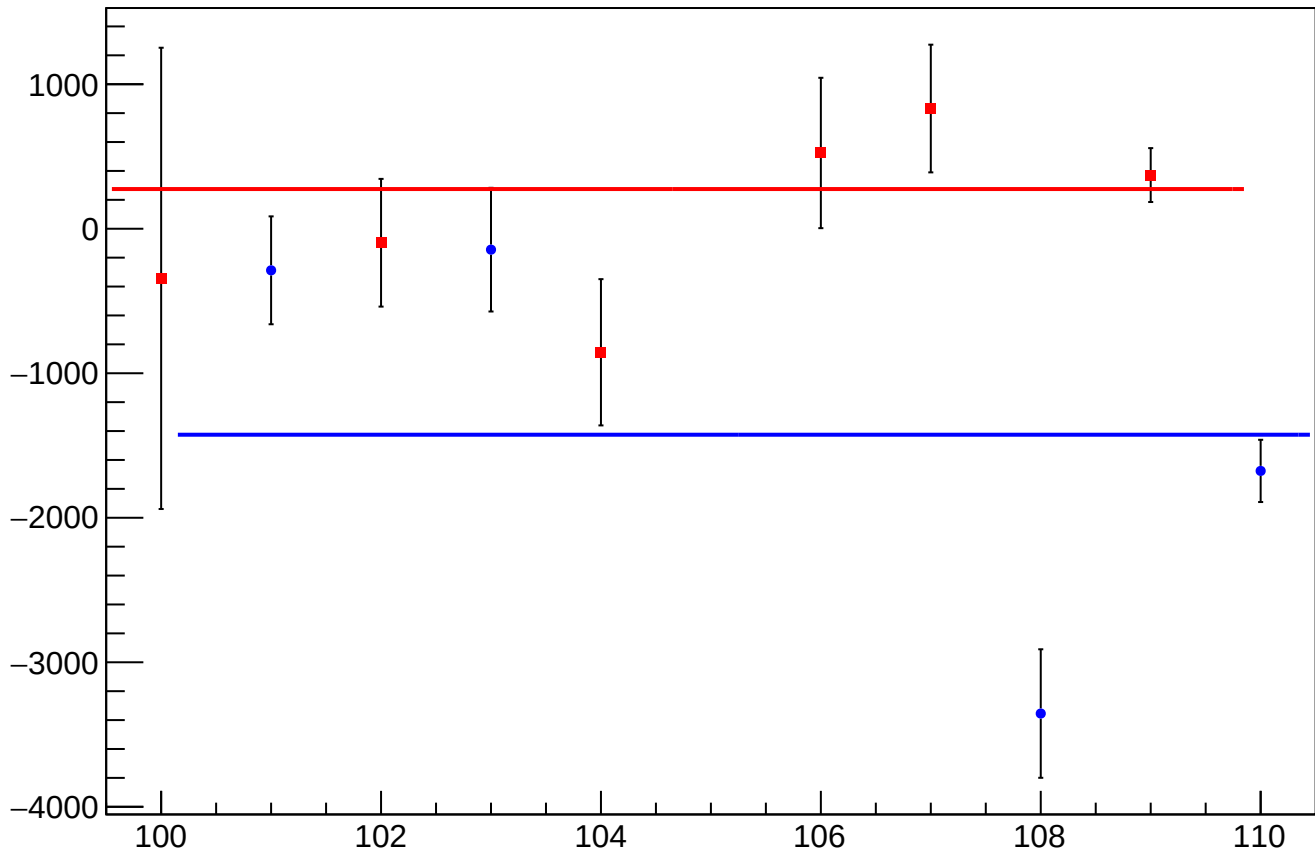
Right: 210.276+/-0.079 χ^2/NDF : 1282874.1/9

In: 211.182+/-0.115 χ^2/NDF : 586113.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 210.276+/-0.079 χ^2/NDF : 1282874.1/9

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -1425.331+/-159.595 χ^2/NDF : 38.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.702+/-145.890 χ^2/NDF : 7.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

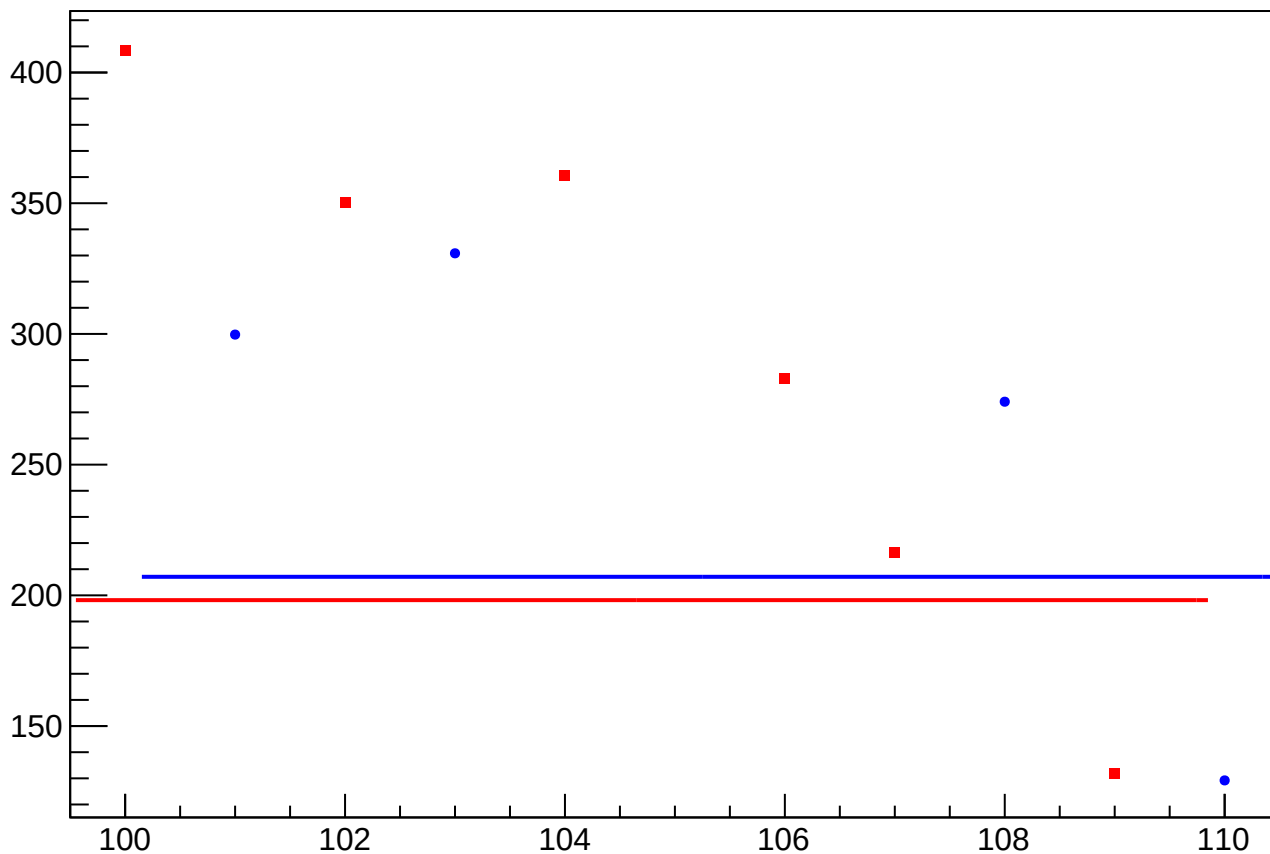
Right: -499.201+/-107.679 χ^2/NDF : 108.2/9

In: -1425.331+/-159.595 χ^2/NDF : 38.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.201+/-107.679 χ^2/NDF : 108.2/9

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 207.095+/-0.113 χ^2/NDF : 597479.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.171+/-0.103 χ^2/NDF : 785558.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

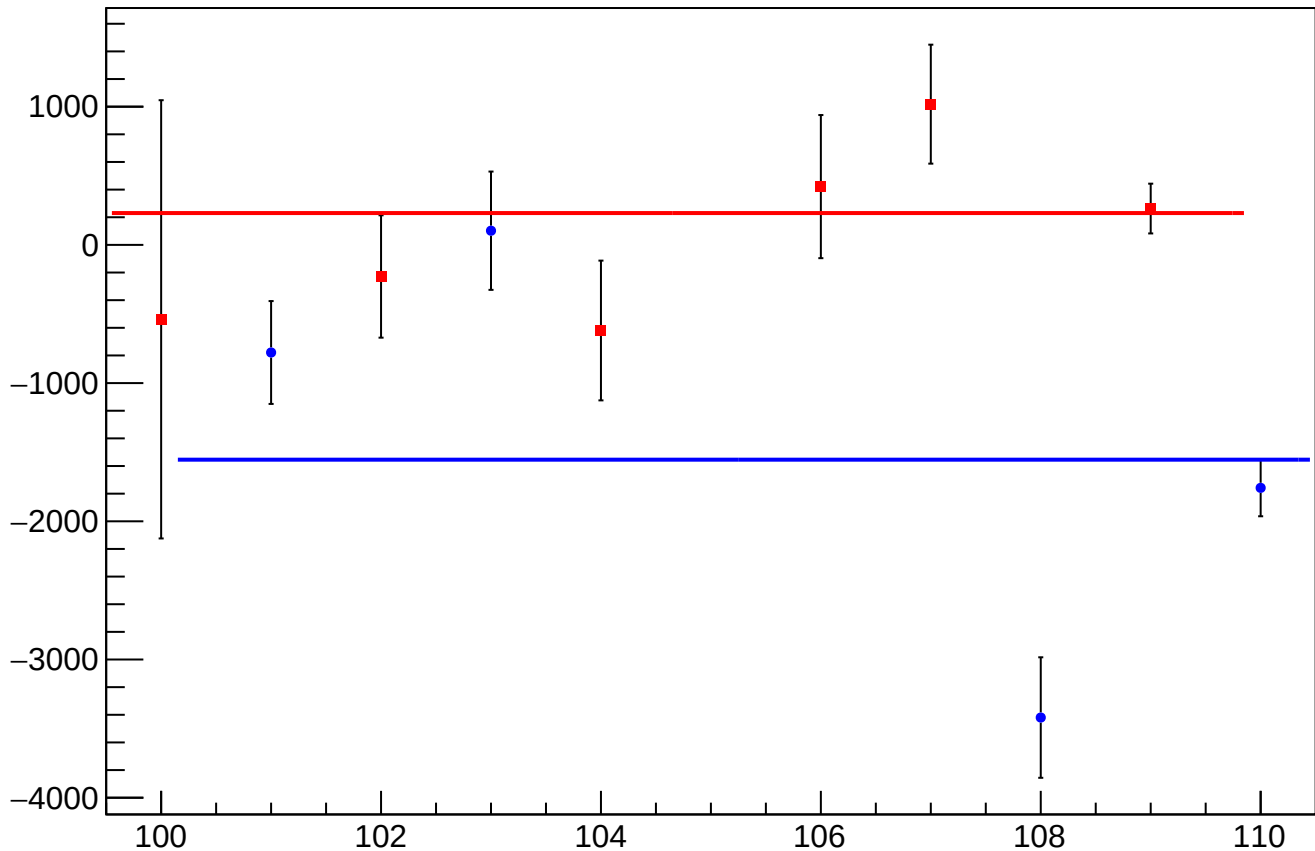
Right: 202.233+/-0.076 χ^2/NDF : 1386444.9/9

In: 207.095+/-0.113 χ^2/NDF : 597479.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.233+/-0.076 χ^2/NDF : 1386444.9/9

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -1554.110+/-155.014 χ^2/NDF : 38.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.312+/-142.288 χ^2/NDF : 7.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

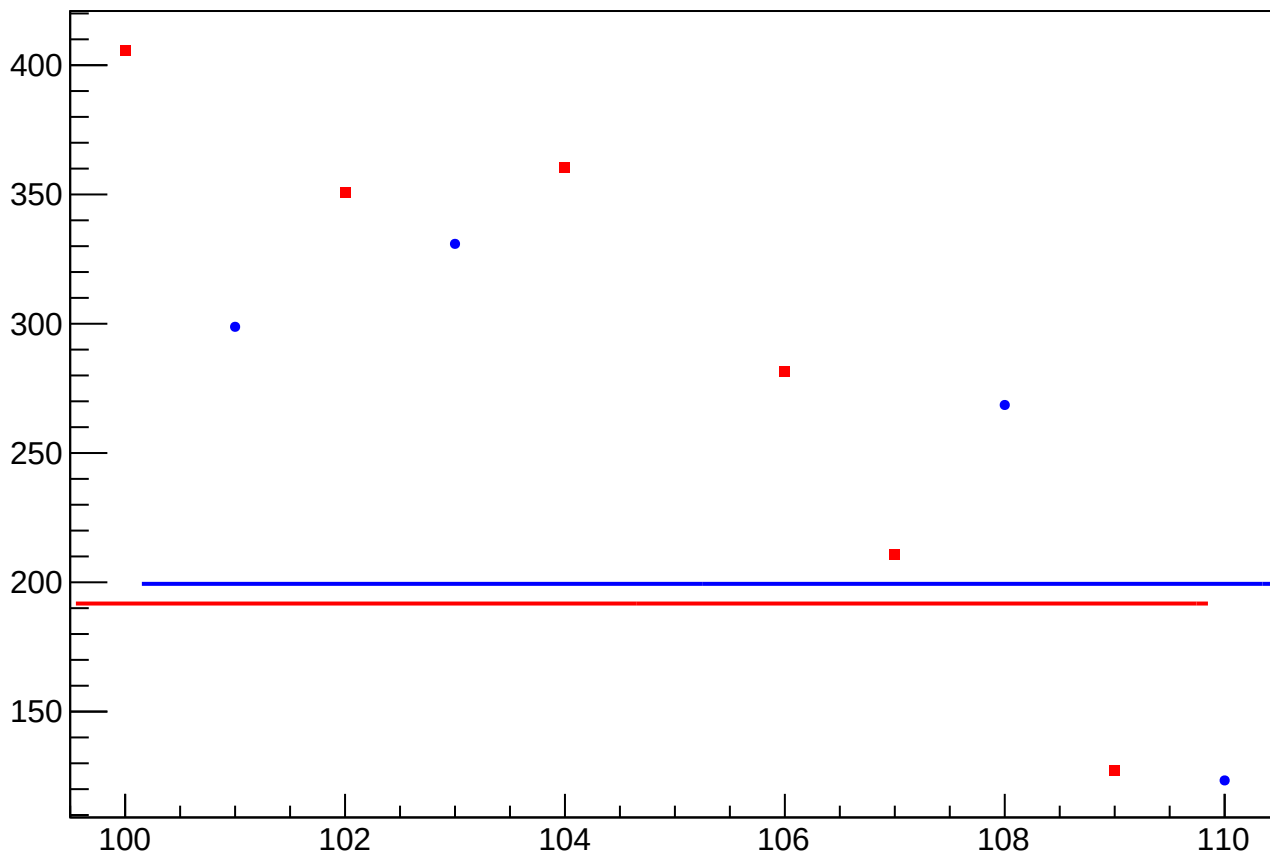
Right: -585.659+/-104.824 χ^2/NDF : 118.2/9

In: -1554.110+/-155.014 χ^2/NDF : 38.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -585.659+/-104.824 χ^2/NDF : 118.2/9

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 199.402+/-0.110 χ^2/NDF : 655561.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 191.789+/-0.101 χ^2/NDF : 838623.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

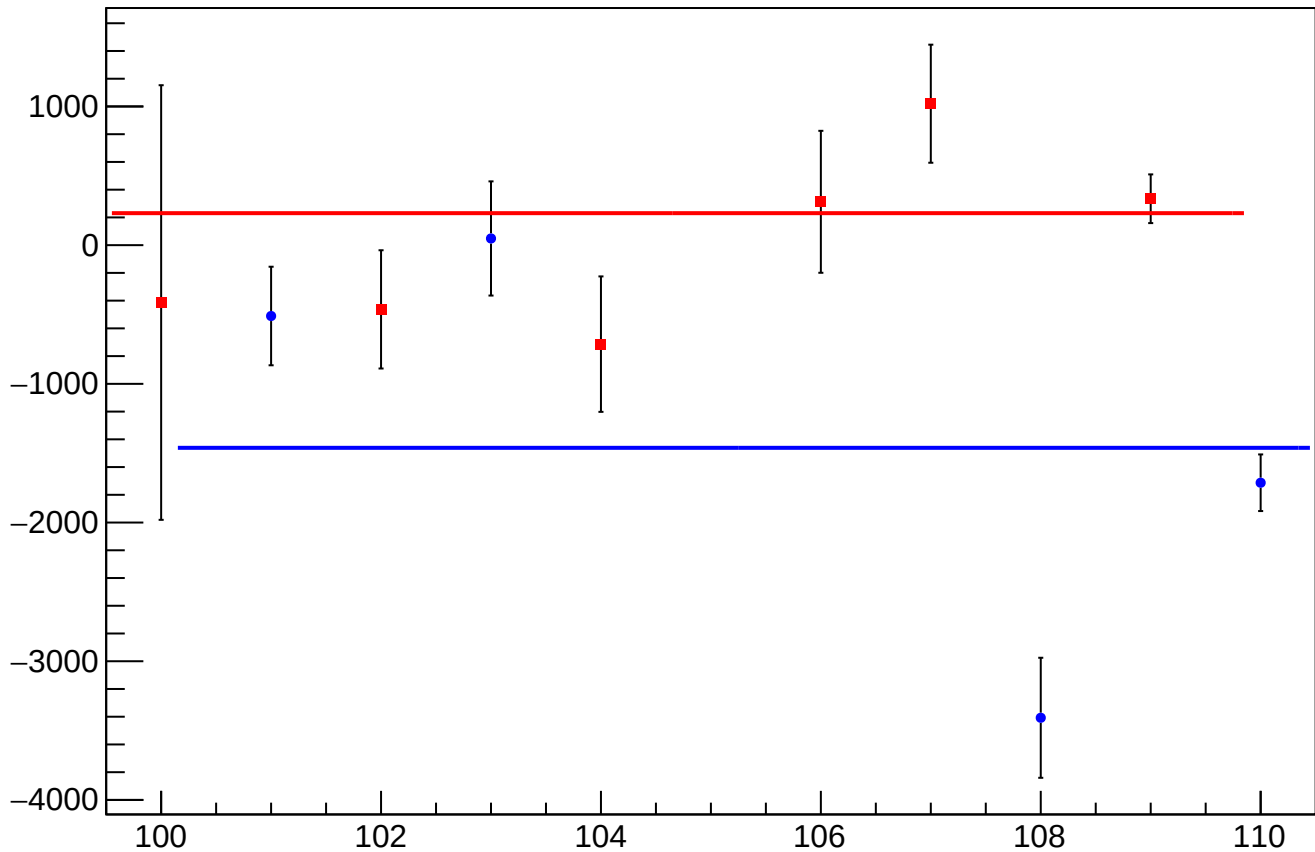
Right: 195.270+/-0.074 χ^2/NDF : 1496803.3/9

In: 199.402+/-0.110 χ^2/NDF : 655561.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.270+/-0.074 χ^2/NDF : 1496803.3/9

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -1461.246+/-152.207 χ^2/NDF : 42.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.679+/-138.845 χ^2/NDF : 10.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

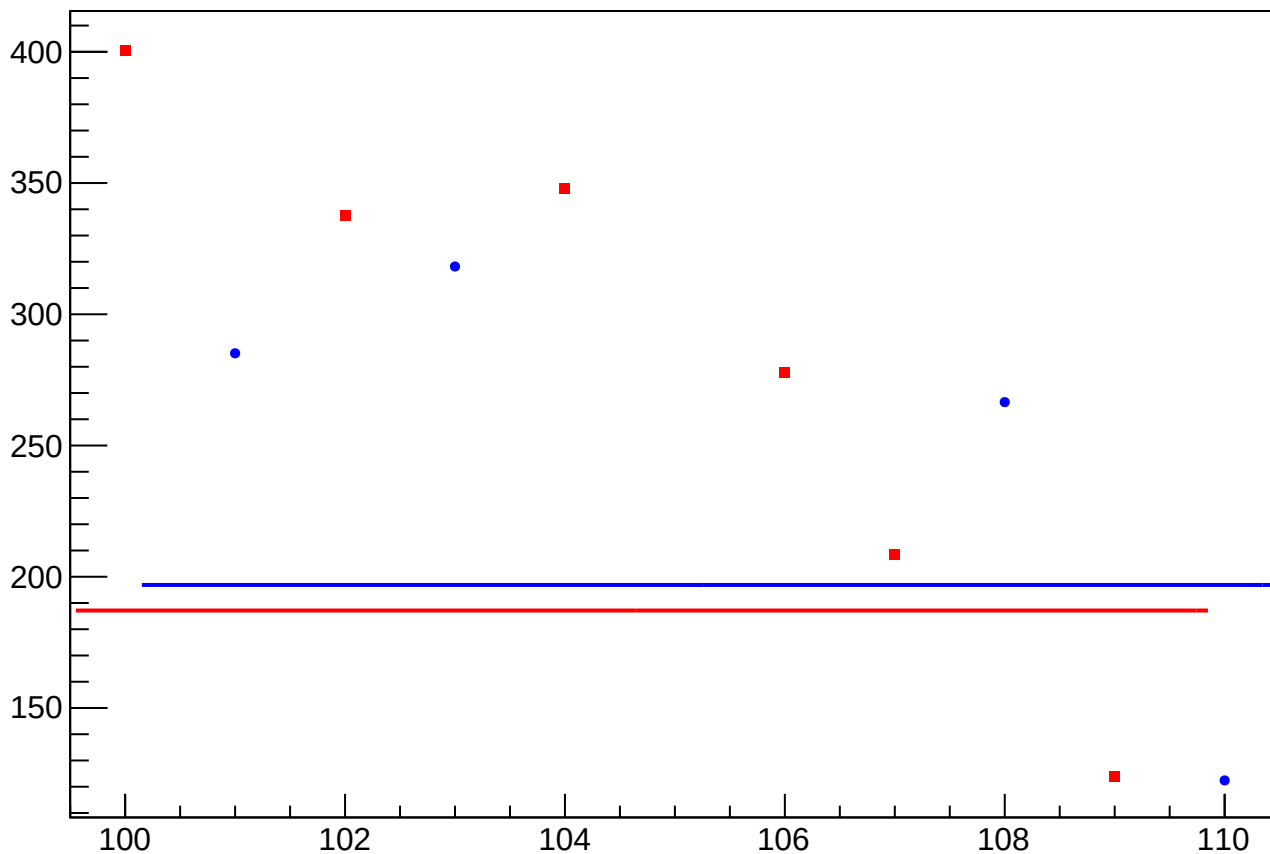
Right: -537.771+/-102.578 χ^2/NDF : 120.2/9

In: -1461.246+/-152.207 χ^2/NDF : 42.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -537.771+/-102.578 χ^2/NDF : 120.2/9

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 196.869+/-0.108 χ^2/NDF : 615231.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 187.133+/-0.098 χ^2/NDF : 830319.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

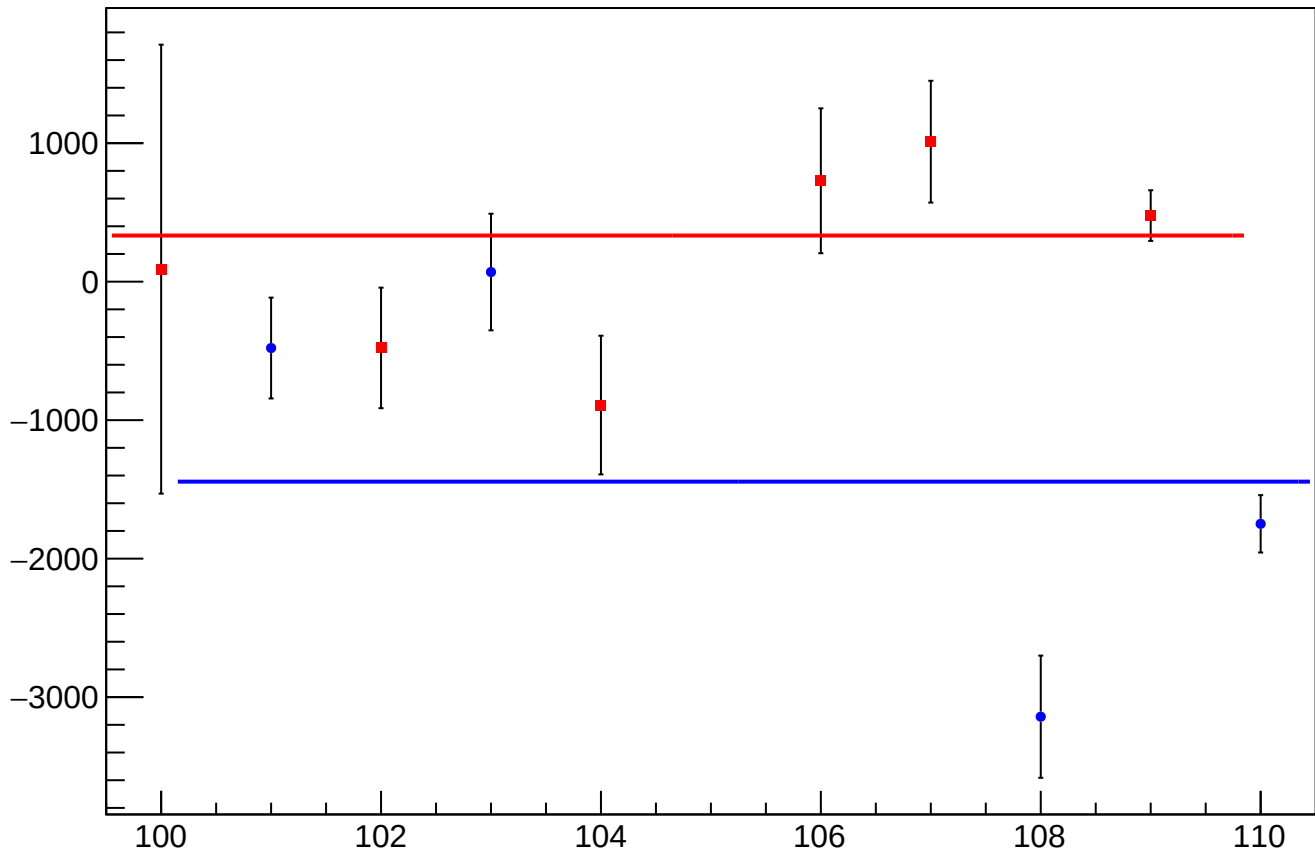
Right: 191.555+/-0.073 χ^2/NDF : 1450017.3/9

In: 196.869+/-0.108 χ^2/NDF : 615231.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.555+/-0.073 χ^2/NDF : 1450017.3/9

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -1443.954+/-154.997 χ^2/NDF : 36.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.106+/-143.728 χ^2/NDF : 13.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

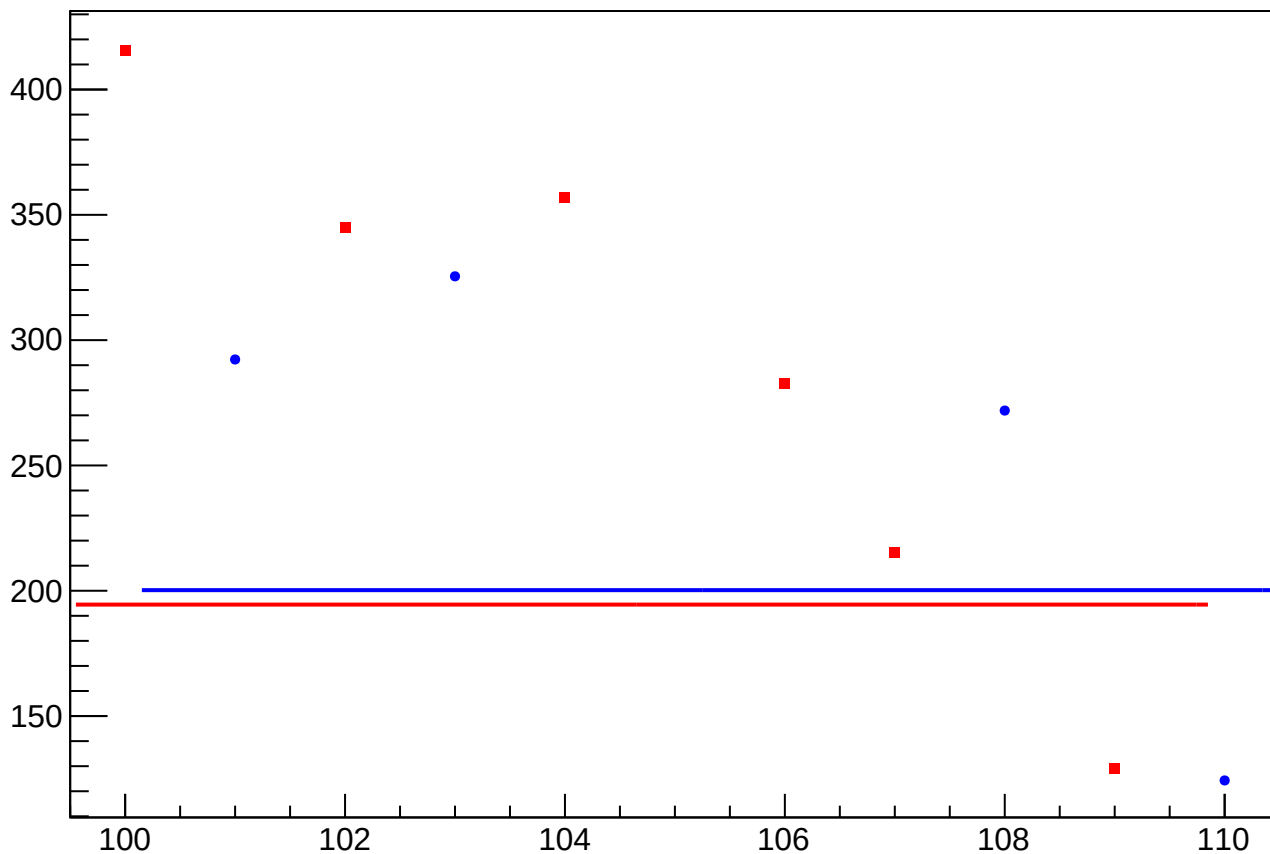
Right: -488.478+/-105.390 χ^2/NDF : 120.6/9

In: -1443.954+/-154.997 χ^2/NDF : 36.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -488.478+/-105.390 χ^2/NDF : 120.6/9

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 200.241+/-0.110 χ^2/NDF : 626251.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 194.473+/-0.102 χ^2/NDF : 802348.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

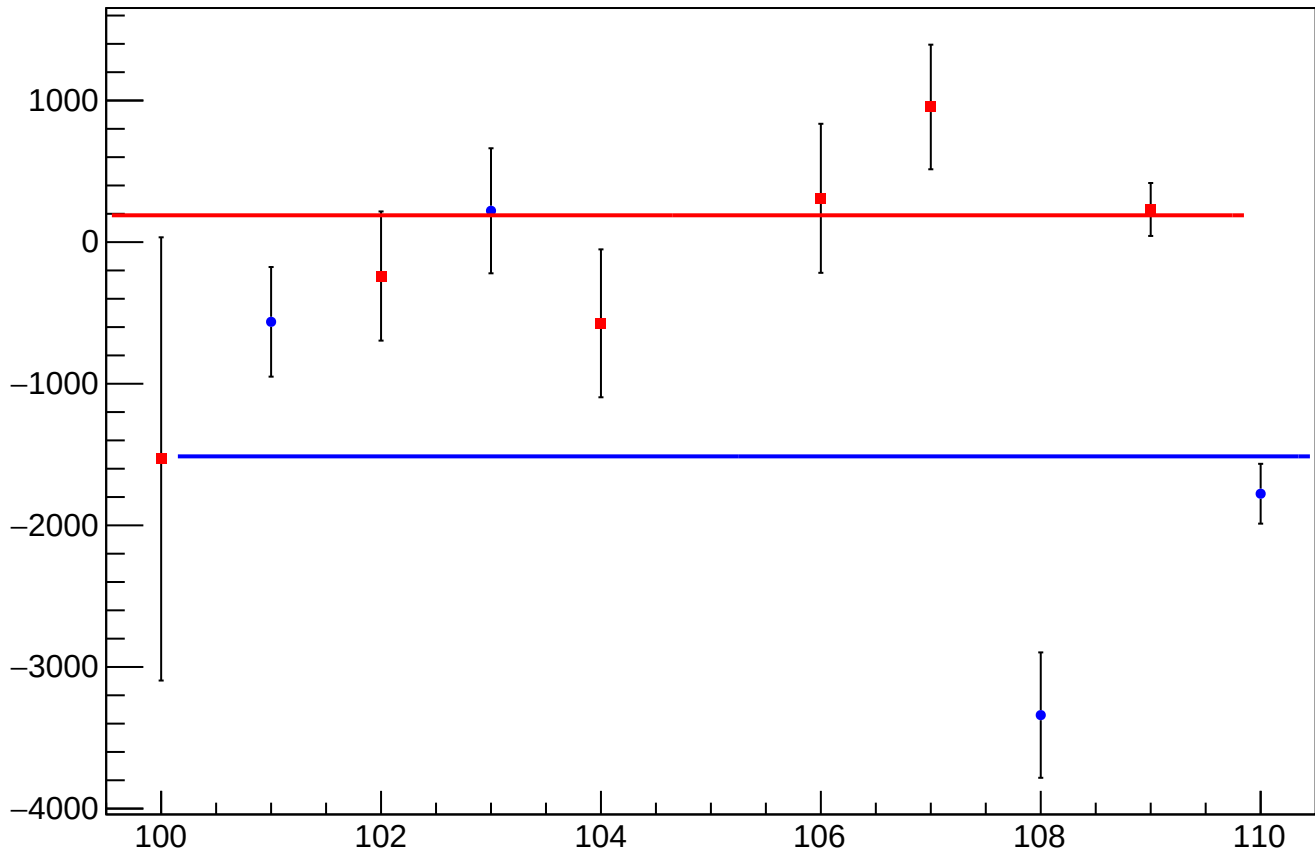
Right: 197.139+/-0.075 χ^2/NDF : 1430089.1/9

In: 200.241+/-0.110 χ^2/NDF : 626251.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.139+/-0.075 χ^2/NDF : 1430089.1/9

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -1512.832+/-159.474 χ^2/NDF : 40.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 189.471+/-147.002 χ^2/NDF : 7.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

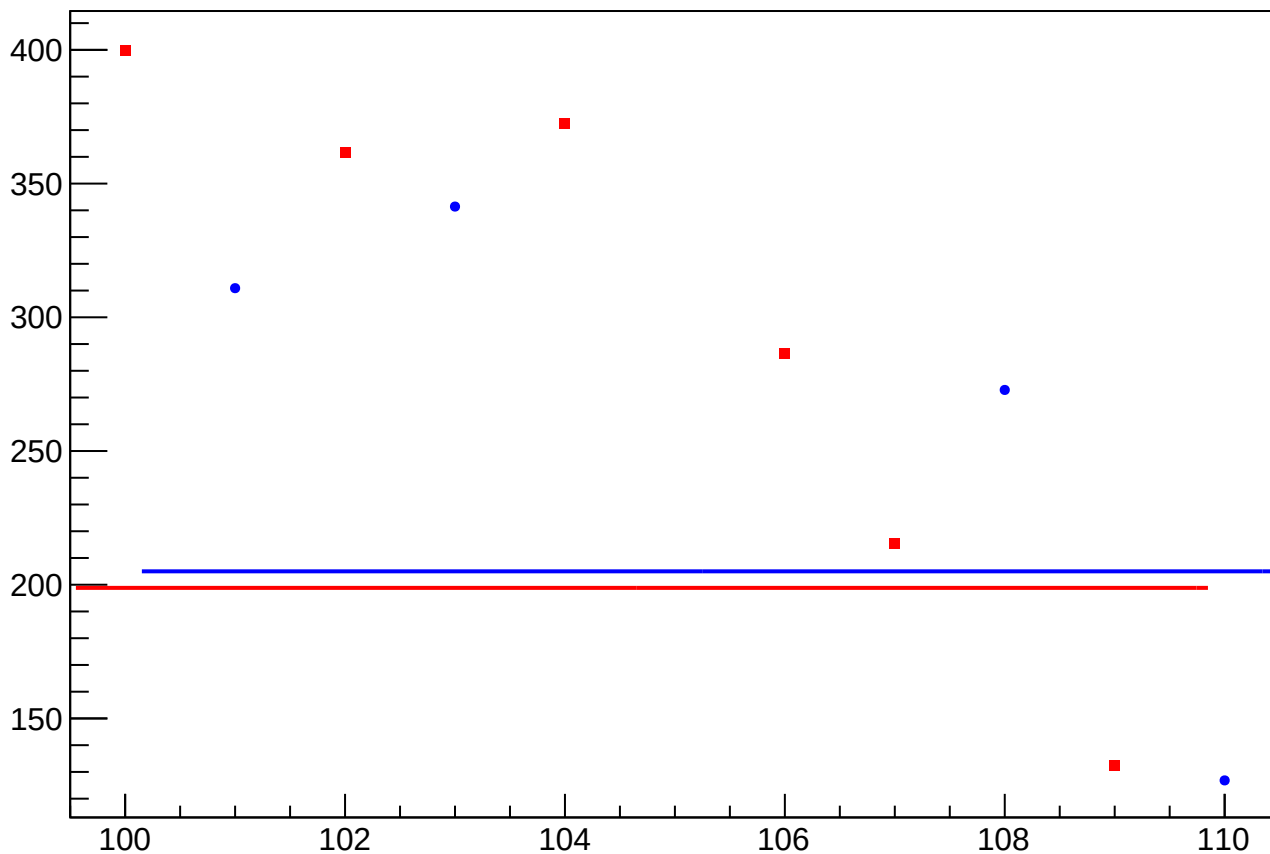
Right: -592.521+/-108.087 χ^2/NDF : 109.0/9

In: -1512.832+/-159.474 χ^2/NDF : 40.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -592.521+/-108.087 χ^2/NDF : 109.0/9

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 205.010+/-0.113 χ^2/NDF : 661447.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.824+/-0.104 χ^2/NDF : 820290.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

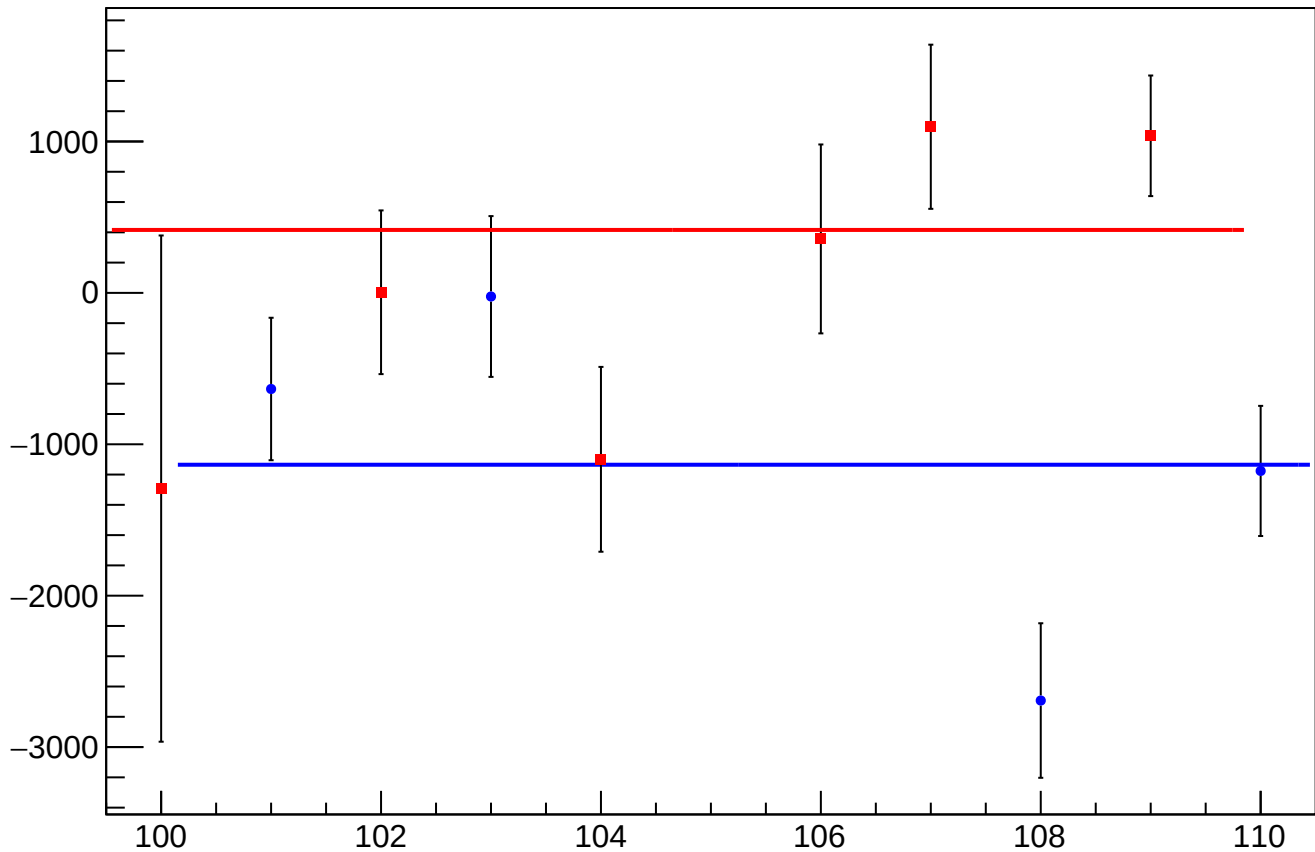
Right: 201.665+/-0.076 χ^2/NDF : 1483364.5/9

In: 205.010+/-0.113 χ^2/NDF : 661447.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.665+/-0.076 χ^2/NDF : 1483364.5/9

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -1135.104 ± 240.314 $\chi^2/\text{NDF}: 14.8/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 415.751 ± 231.005 $\chi^2/\text{NDF}: 11.8/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

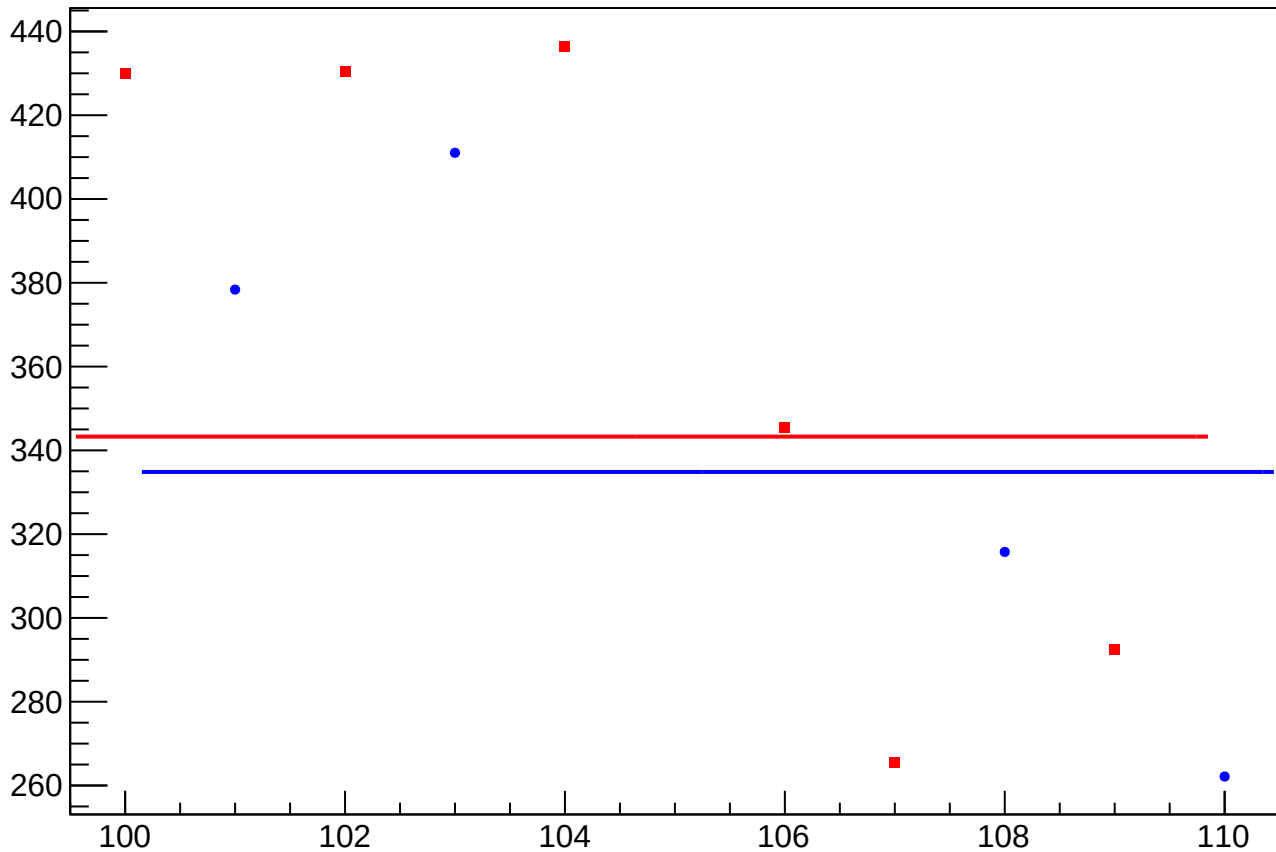
Right: -329.058 ± 166.539 $\chi^2/\text{NDF}: 48.3/9$

In: -1135.104 ± 240.314 $\chi^2/\text{NDF}: 14.8/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -329.058 ± 166.539 $\chi^2/\text{NDF}: 48.3/9$

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 334.849+/-0.170 χ^2/NDF : 118305.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 343.282+/-0.163 χ^2/NDF : 177700.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

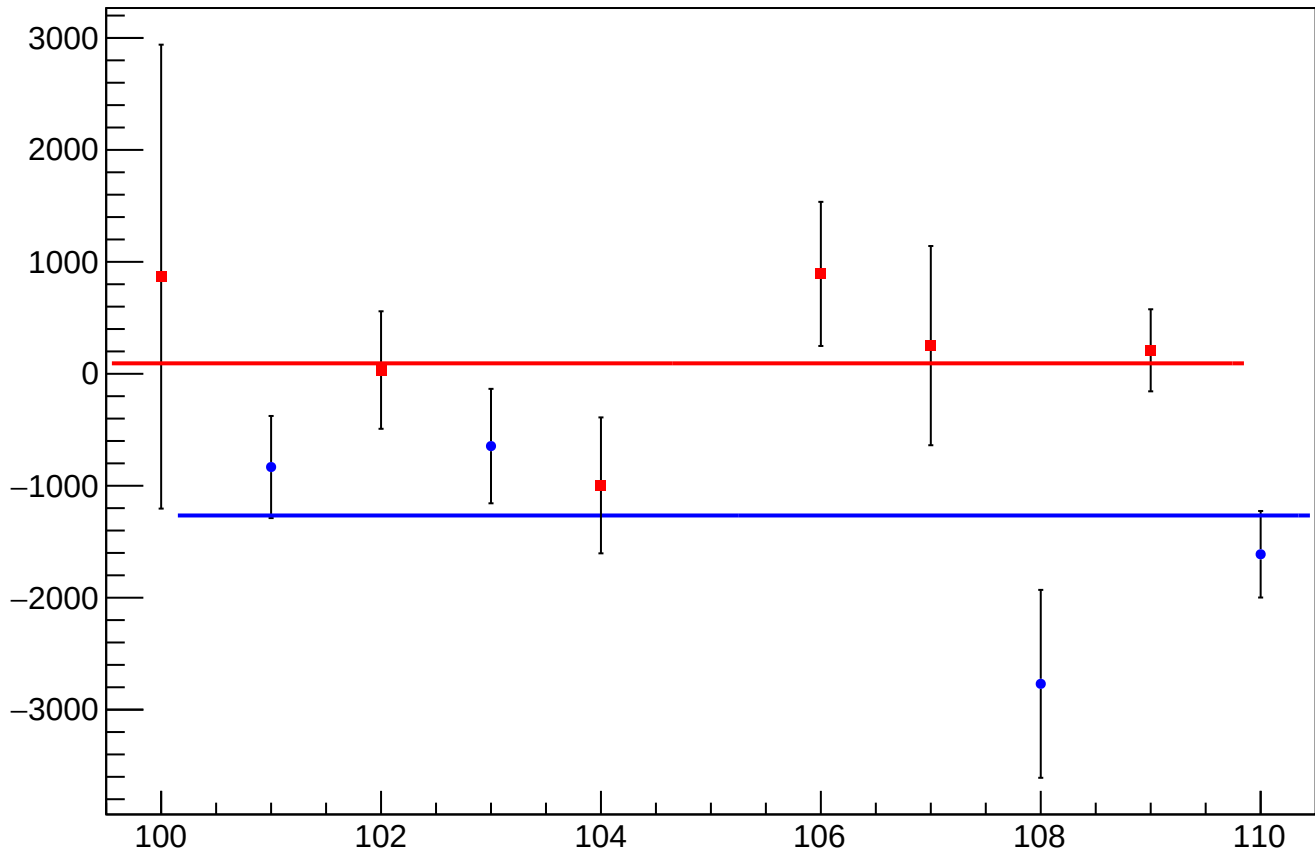
Right: 339.232+/-0.118 χ^2/NDF : 297286.2/9

In: 334.849+/-0.170 χ^2/NDF : 118305.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.232+/-0.118 χ^2/NDF : 297286.2/9

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -1265.548 $\pm$ 244.345 χ^2 /NDF: 6.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 93.500 $\pm$ 237.717 χ^2 /NDF: 5.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

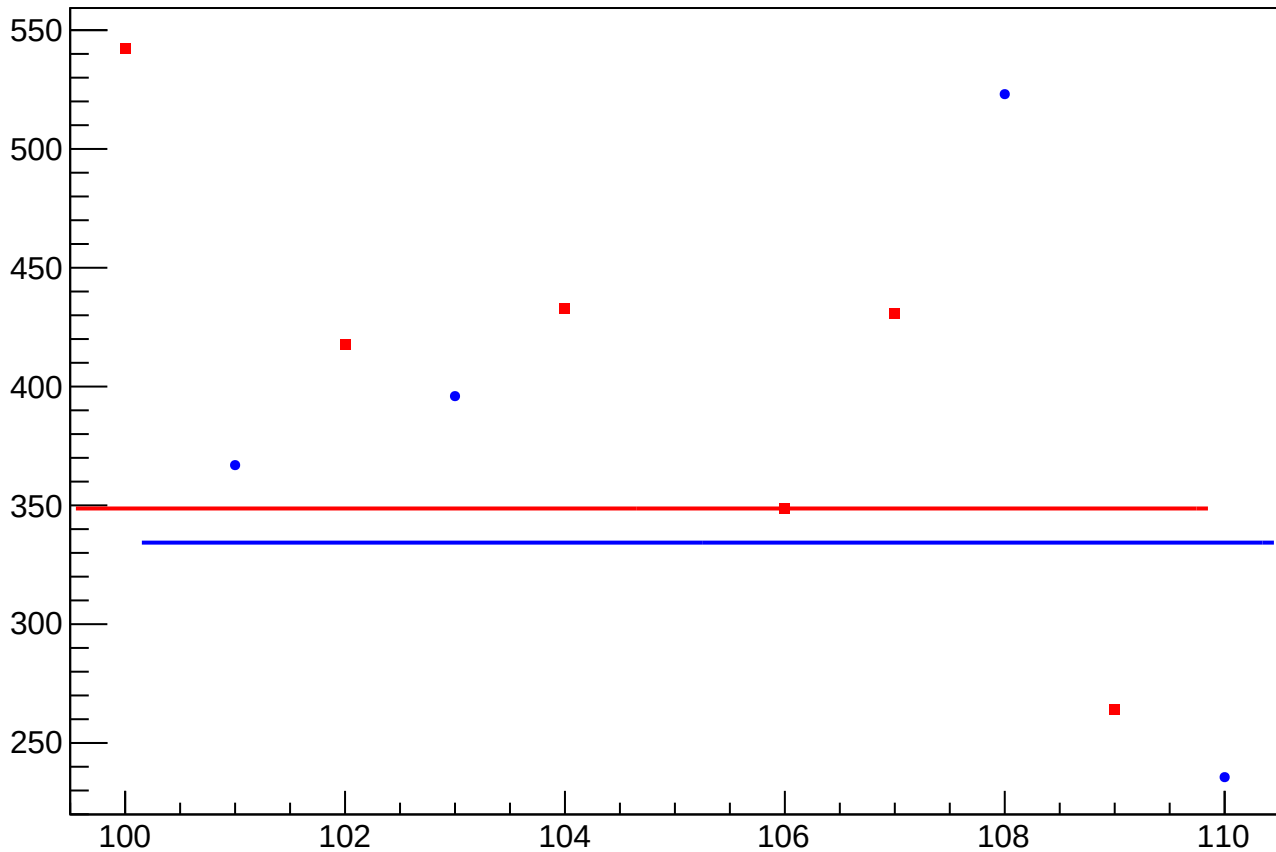
Right: -567.342 $\pm$ 170.386 χ^2 /NDF: 27.3/9

In: -1265.548 $\pm$ 244.345 χ^2 /NDF:6.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -567.342 $\pm$ 170.386 χ^2 /NDF: 27.3/9

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 334.322+/-0.173 χ^2/NDF : 270916.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 348.688+/-0.168 χ^2/NDF : 213988.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

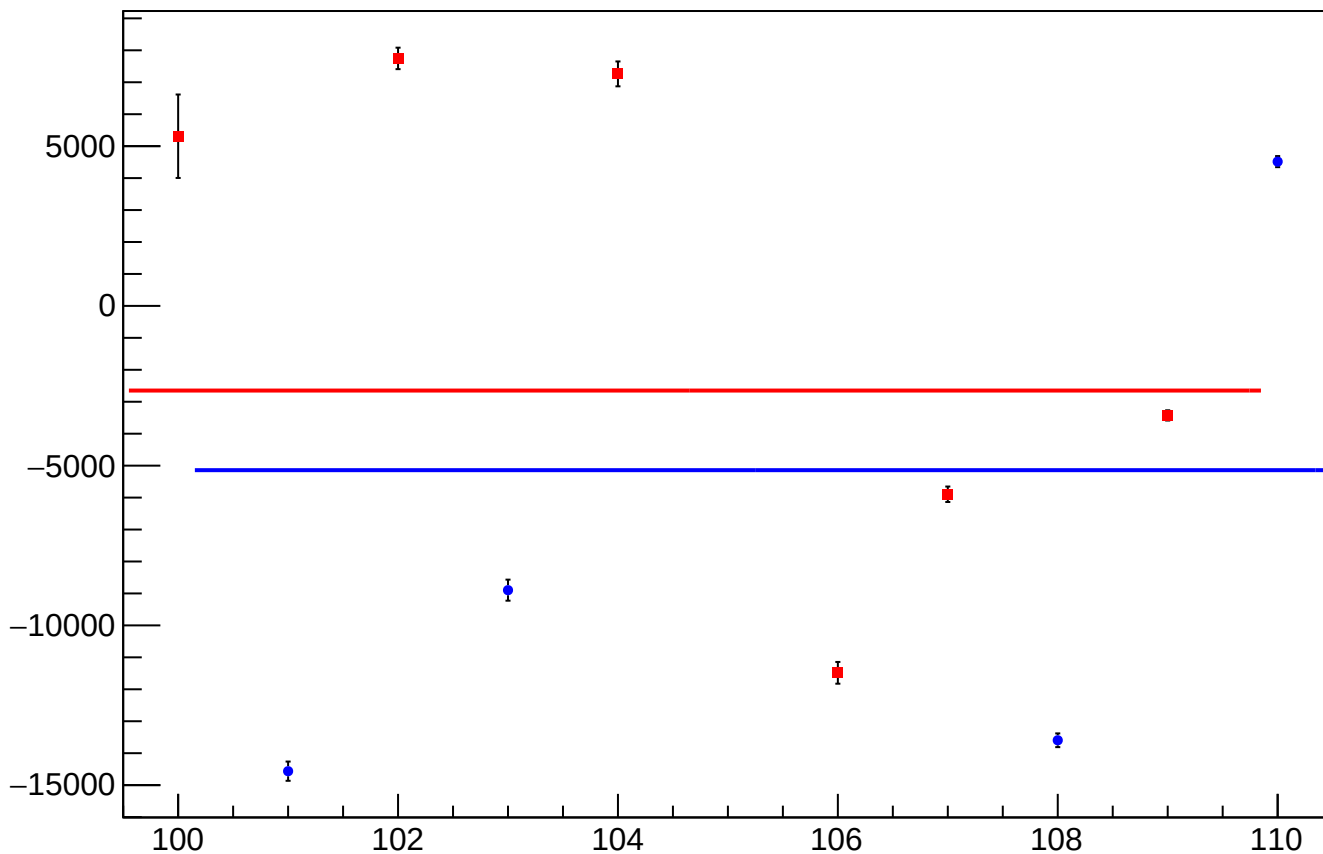
Right: 341.703+/-0.120 χ^2/NDF : 488456.5/9

In: 334.322+/-0.173 χ^2/NDF : 270916.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.703+/-0.120 χ^2/NDF : 488456.5/9

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: -5141.635+/-115.340 χ^2/NDF : 5760.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2649.618+/-111.235 χ^2/NDF : 2519.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

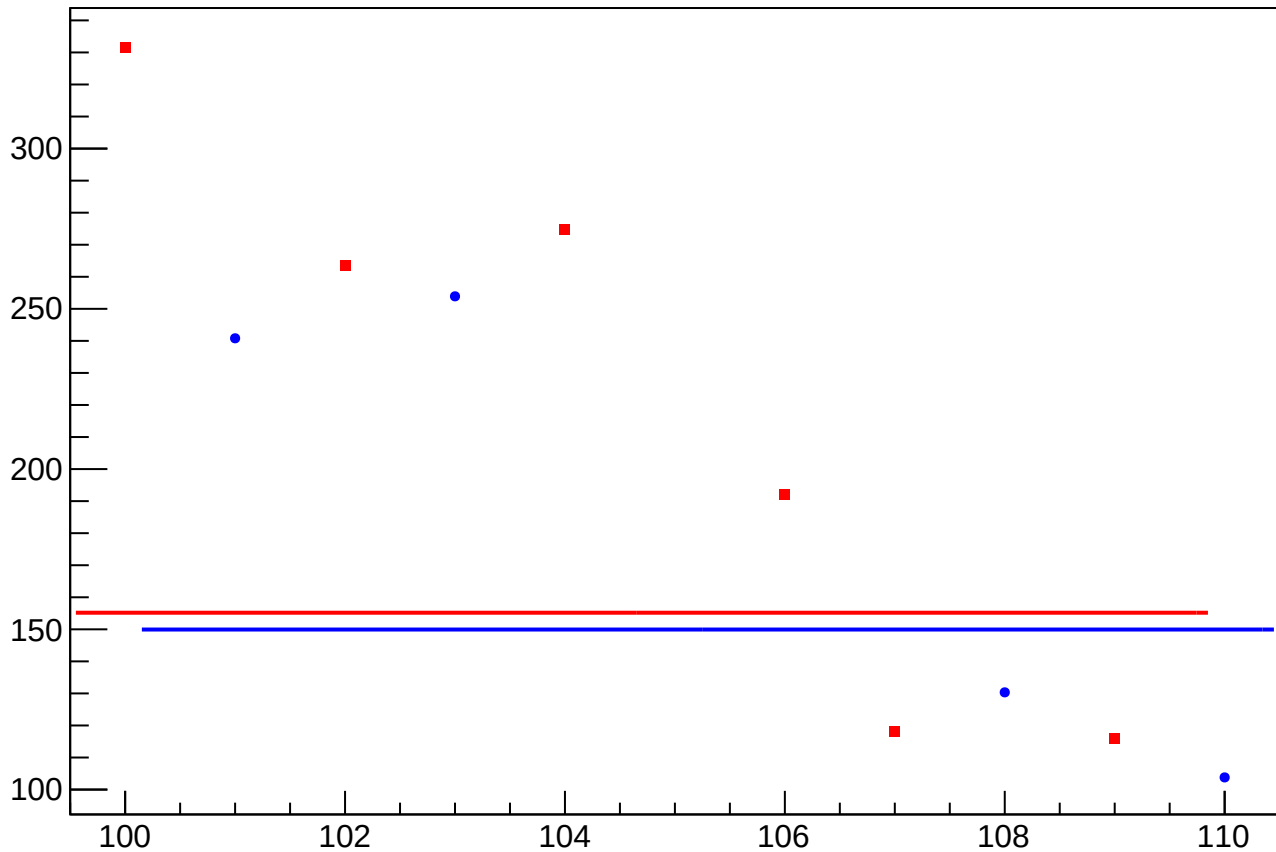
Right: -3850.494+/-80.067 χ^2/NDF : 8521.4/9

In: -5141.635+/-115.340 χ^2/NDF : 5760.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3850.494+/-80.067 χ^2/NDF : 8521.4/9

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 149.937+/-0.082 χ^2/NDF : 539674.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.182+/-0.079 χ^2/NDF : 624555.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

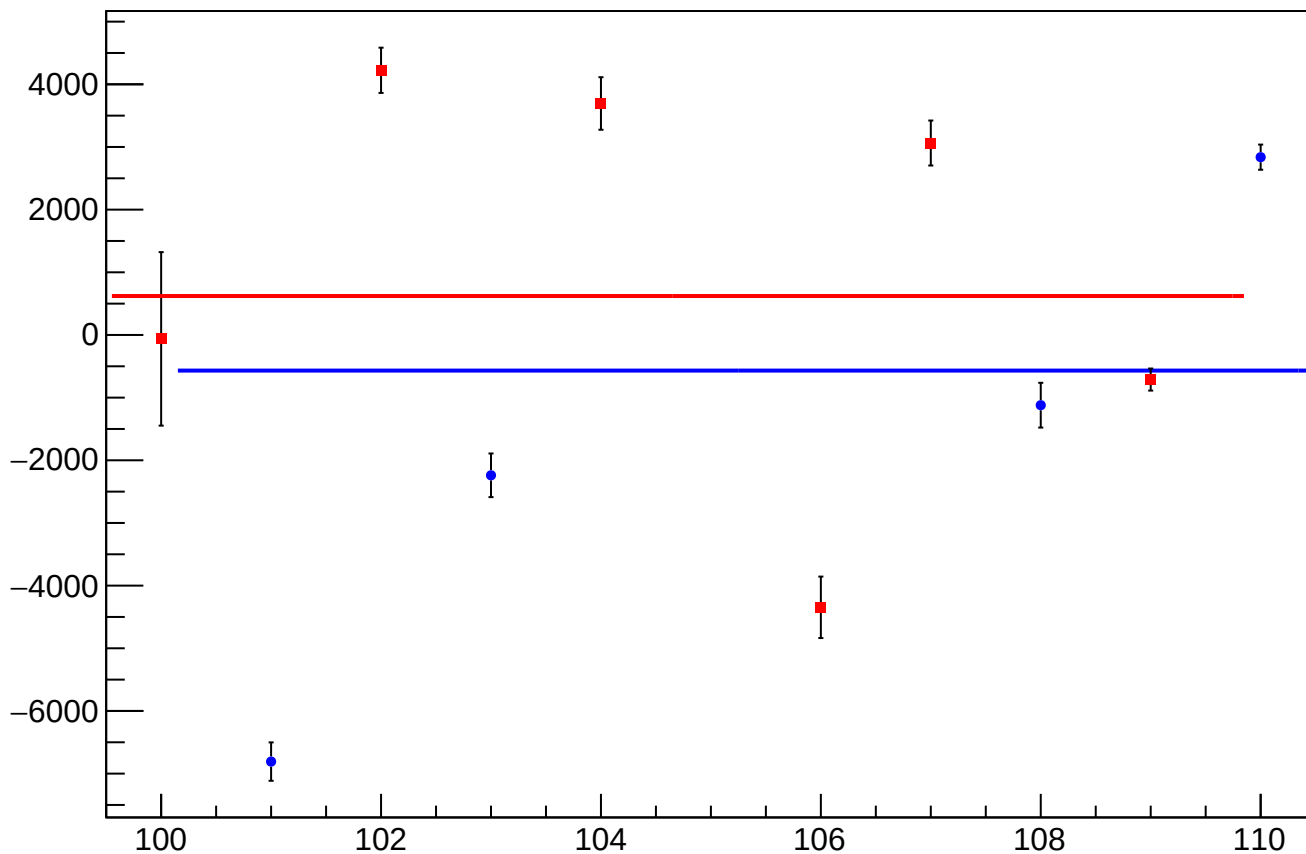
Right: 152.655+/-0.057 χ^2/NDF : 1166371.4/9

In: 149.937+/-0.082 χ^2/NDF : 539674.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.655+/-0.057 χ^2/NDF : 1166371.4/9

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: -568.370+/-139.295 χ^2/NDF : 727.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 621.447+/-131.211 χ^2/NDF : 359.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

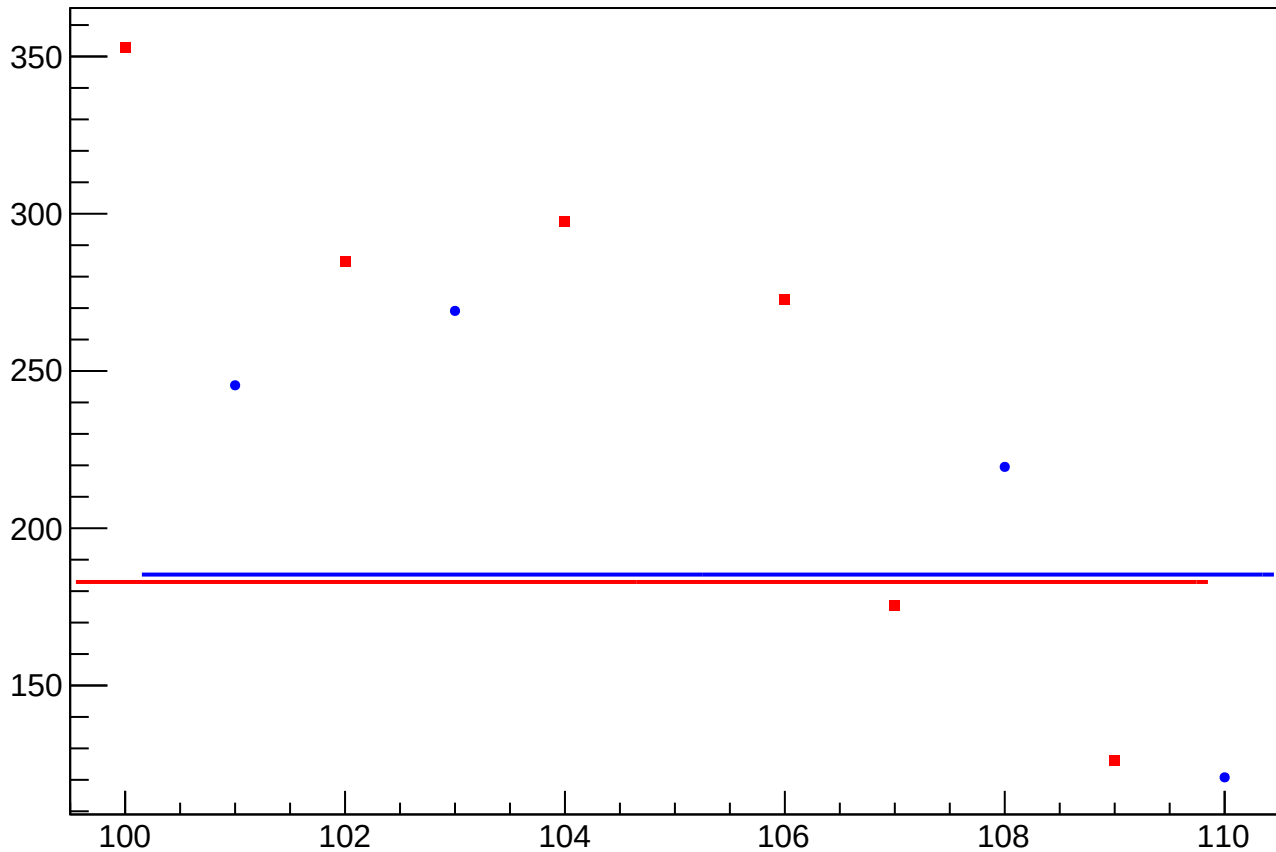
Right: 62.068+/-95.510 χ^2/NDF : 1126.0/9

In: -568.370+/-139.295 χ^2/NDF : 727.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.068+/-95.510 χ^2/NDF : 1126.0/9

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 185.270+/-0.098 χ^2/NDF : 417721.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.916+/-0.093 χ^2/NDF : 615586.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

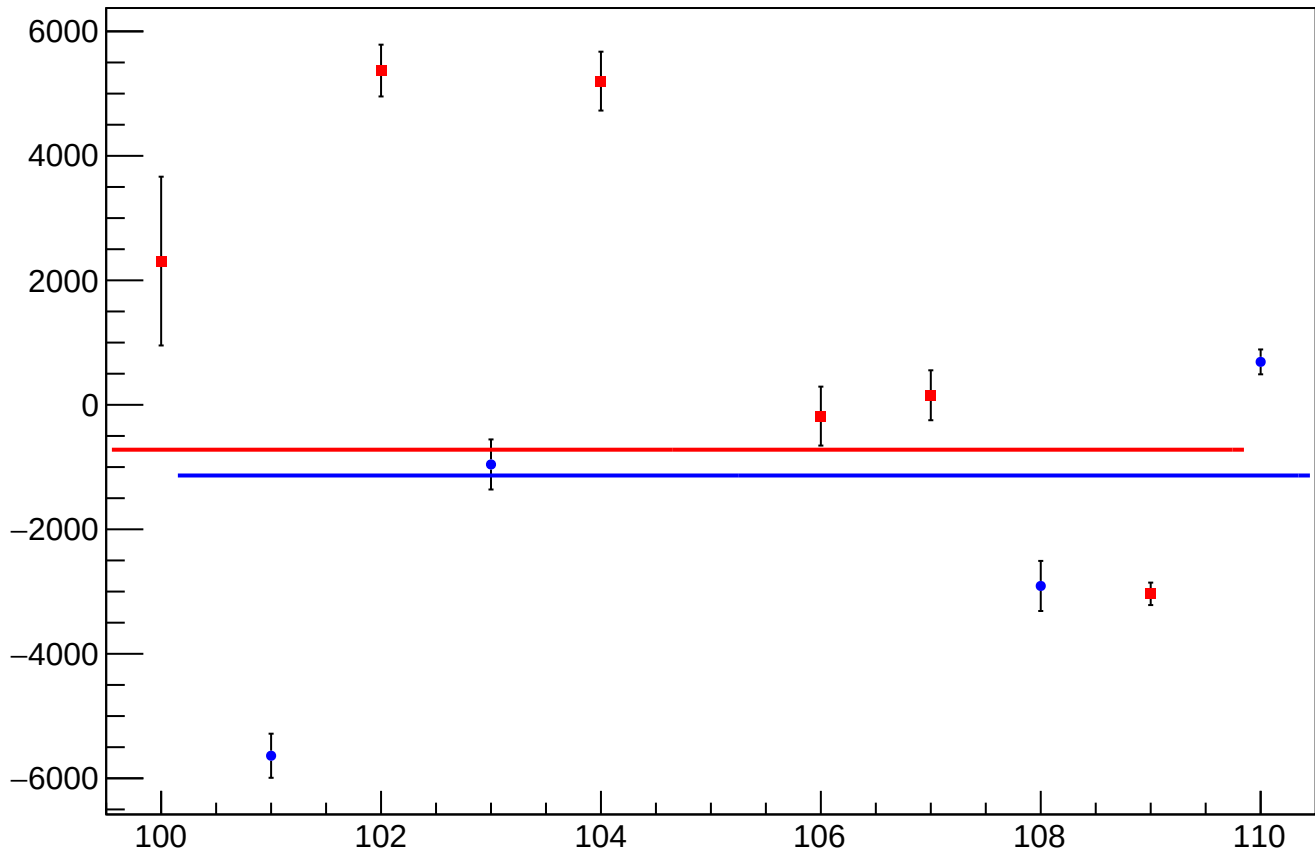
Right: 184.023+/-0.068 χ^2/NDF : 1033610.6/9

In: 185.270+/-0.098 χ^2/NDF : 417721.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.023+/-0.068 χ^2/NDF : 1033610.6/9

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: -1135.300+/-148.433 χ^2/NDF : 264.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -720.899+/-138.408 χ^2/NDF : 547.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

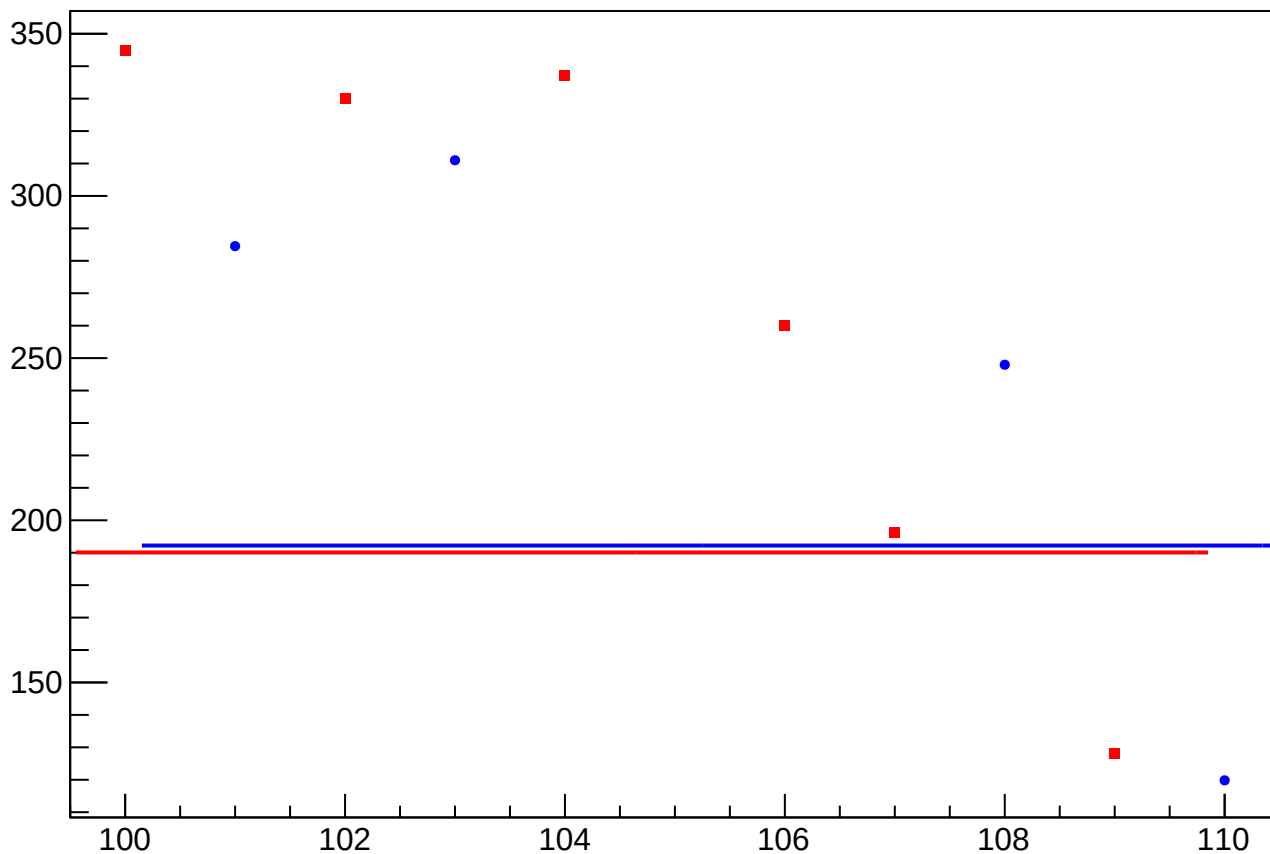
Right: -913.634+/-101.228 χ^2/NDF : 815.8/9

In: -1135.300+/-148.433 χ^2/NDF : 264.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -913.634+/-101.228 χ^2/NDF : 815.8/9

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 192.213+/-0.105 χ^2/NDF : 611299.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.076+/-0.098 χ^2/NDF : 724646.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

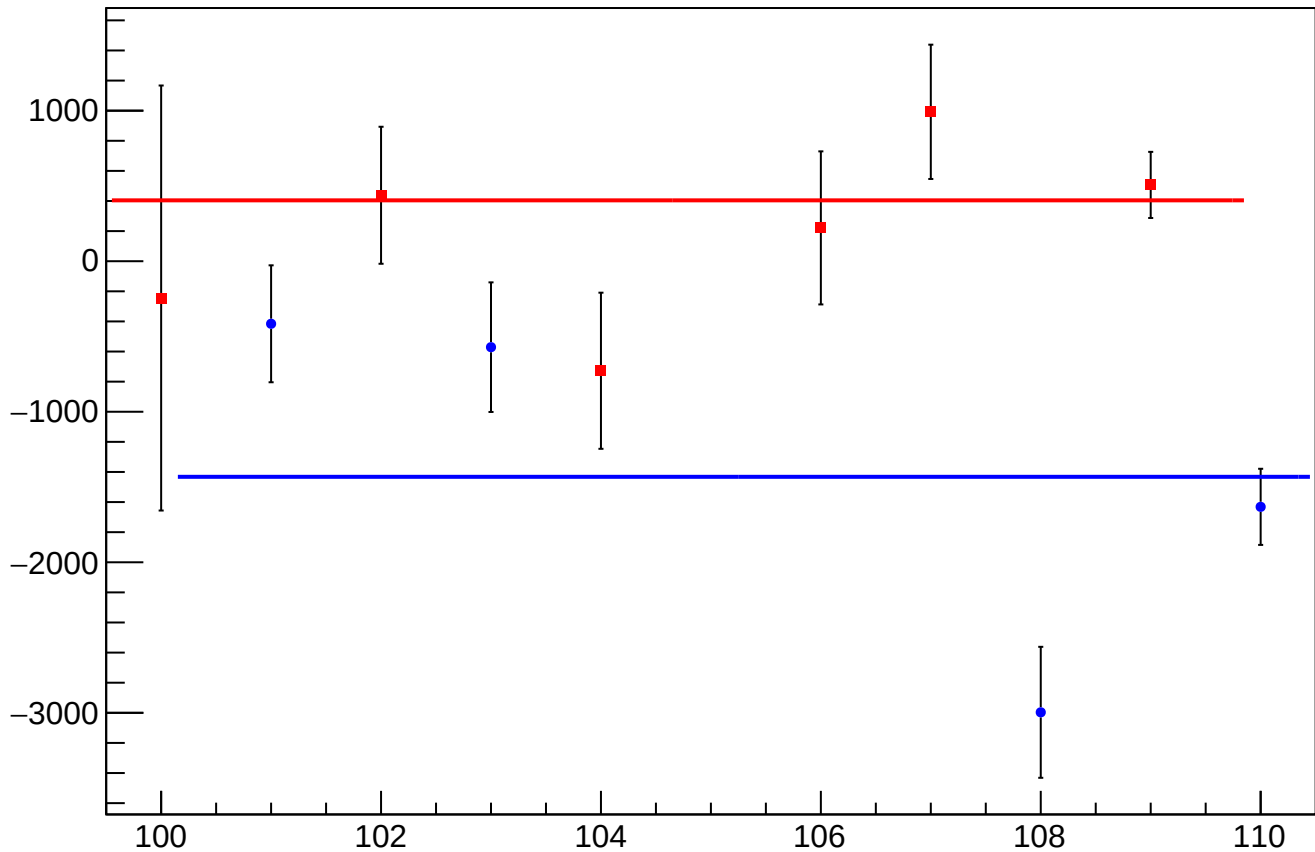
Right: 191.070+/-0.072 χ^2/NDF : 1336167.7/9

In: 192.213+/-0.105 χ^2/NDF : 611299.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.070+/-0.072 χ^2/NDF : 1336167.7/9

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -1432.238 $\pm$ 174.222 χ^2 /NDF: 24.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 404.337 $\pm$ 160.808 χ^2 /NDF: 7.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

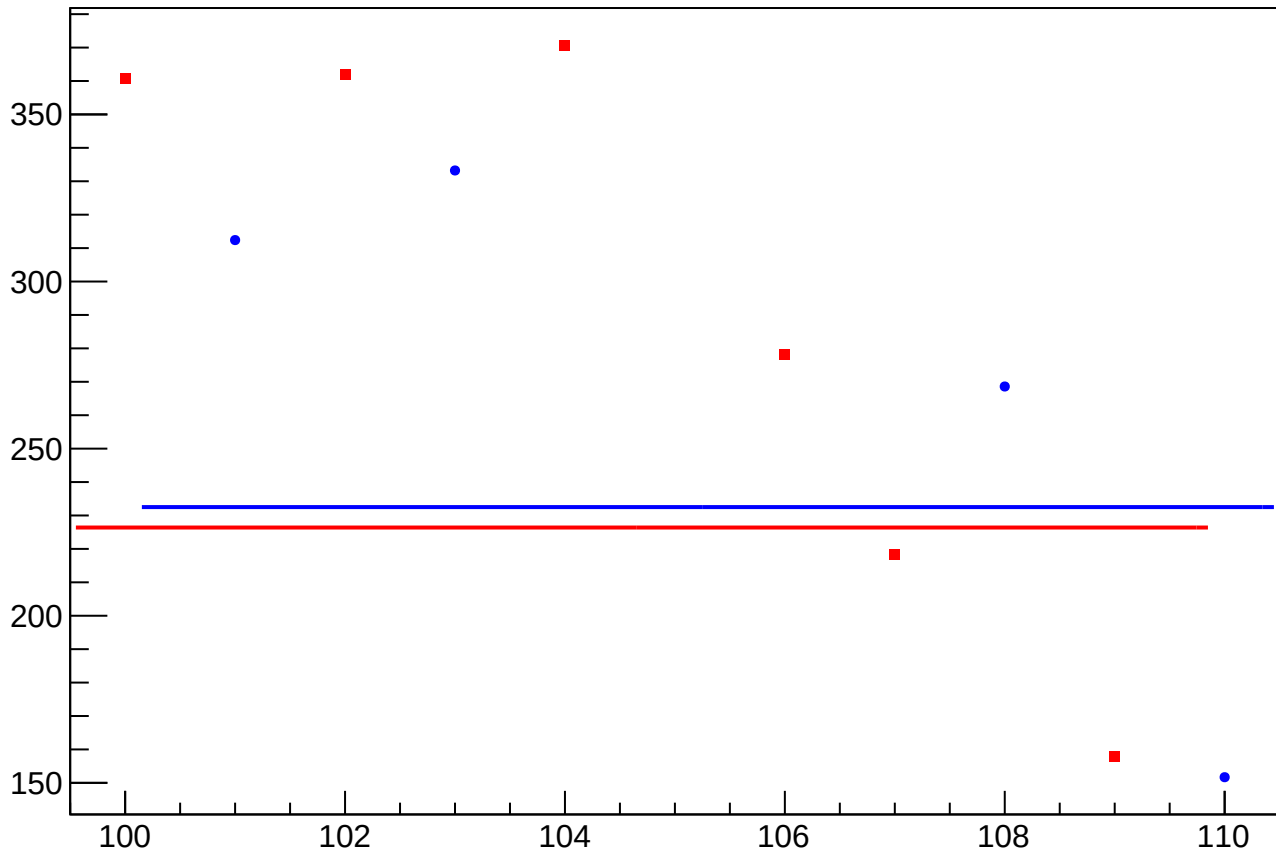
Right: -440.533 $\pm$ 118.167 χ^2 /NDF: 91.5/9

In: -1432.238 $\pm$ 174.222 χ^2 /NDF:24.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -440.533 $\pm$ 118.167 χ^2 /NDF: 91.5/9

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 232.511+/-0.123 χ^2/NDF : 412130.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.396+/-0.114 χ^2/NDF : 565476.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

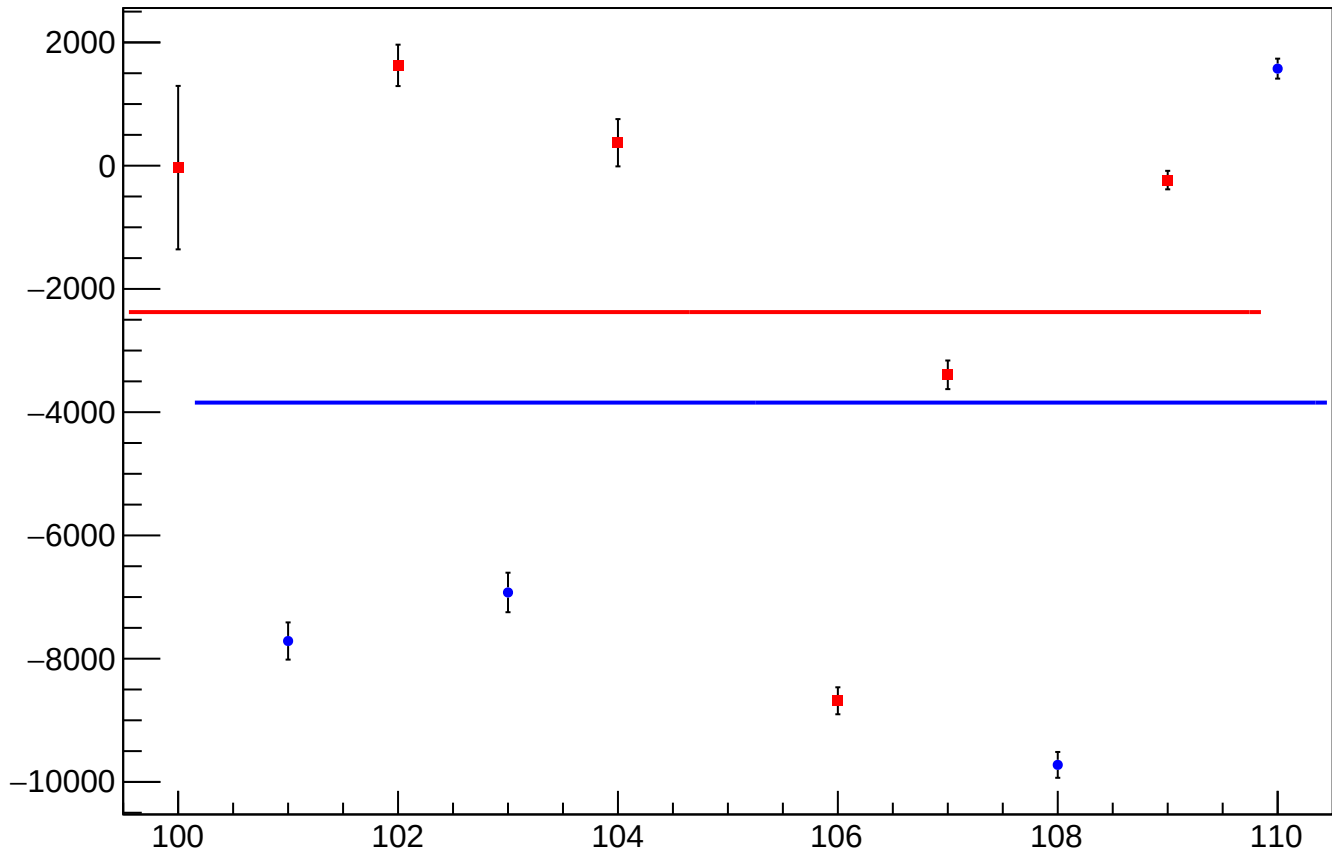
Right: 229.209+/-0.084 χ^2/NDF : 978937.7/9

In: 232.511+/-0.123 χ^2/NDF : 412130.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.209+/-0.084 χ^2/NDF : 978937.7/9

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -3844.516+/-110.753 χ^2/NDF : 2160.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2375.825+/-99.997 χ^2/NDF : 1249.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

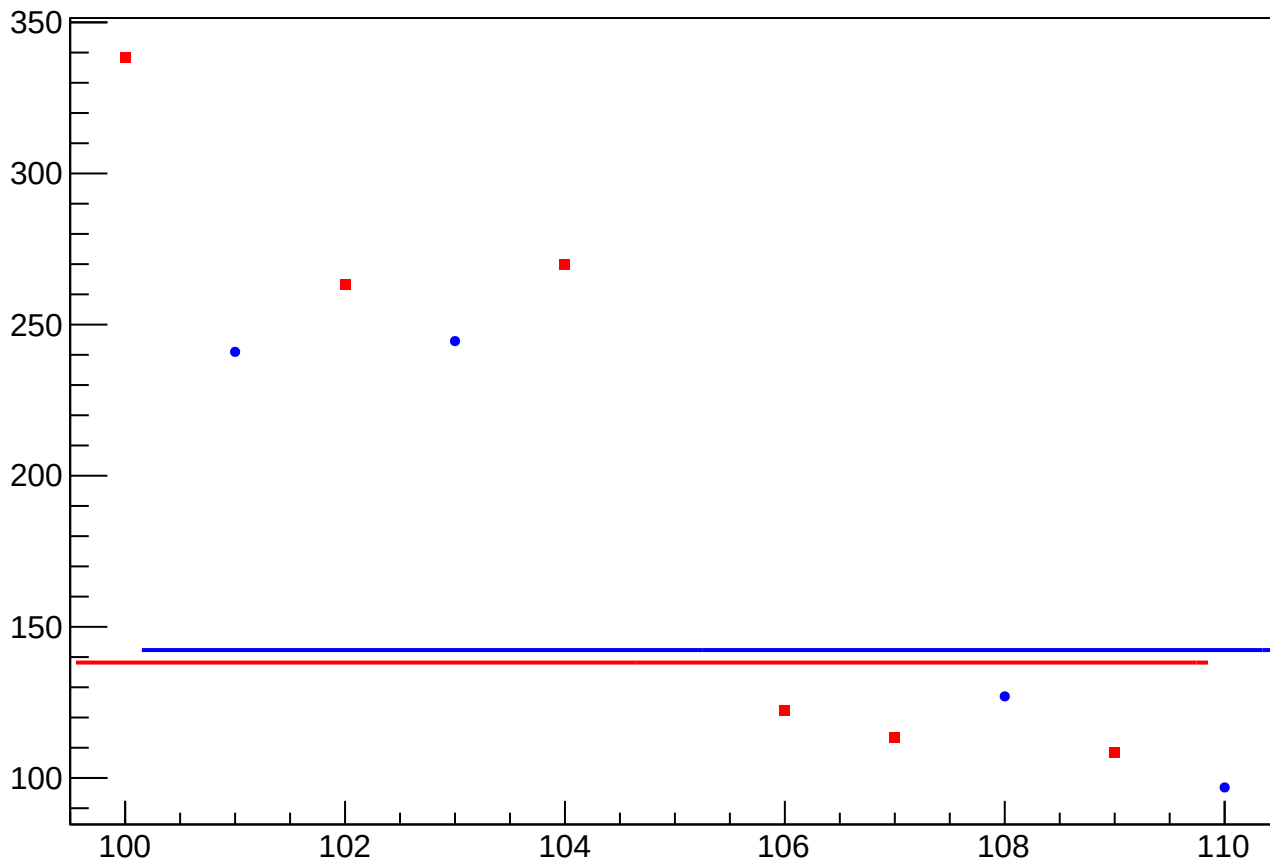
Right: -3035.404+/-74.221 χ^2/NDF : 3507.1/9

In: -3844.516+/-110.753 χ^2/NDF : 2160.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3035.404+/-74.221 χ^2/NDF : 3507.1/9

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 142.318+/-0.078 χ^2/NDF : 585126.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.184+/-0.071 χ^2/NDF : 670593.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

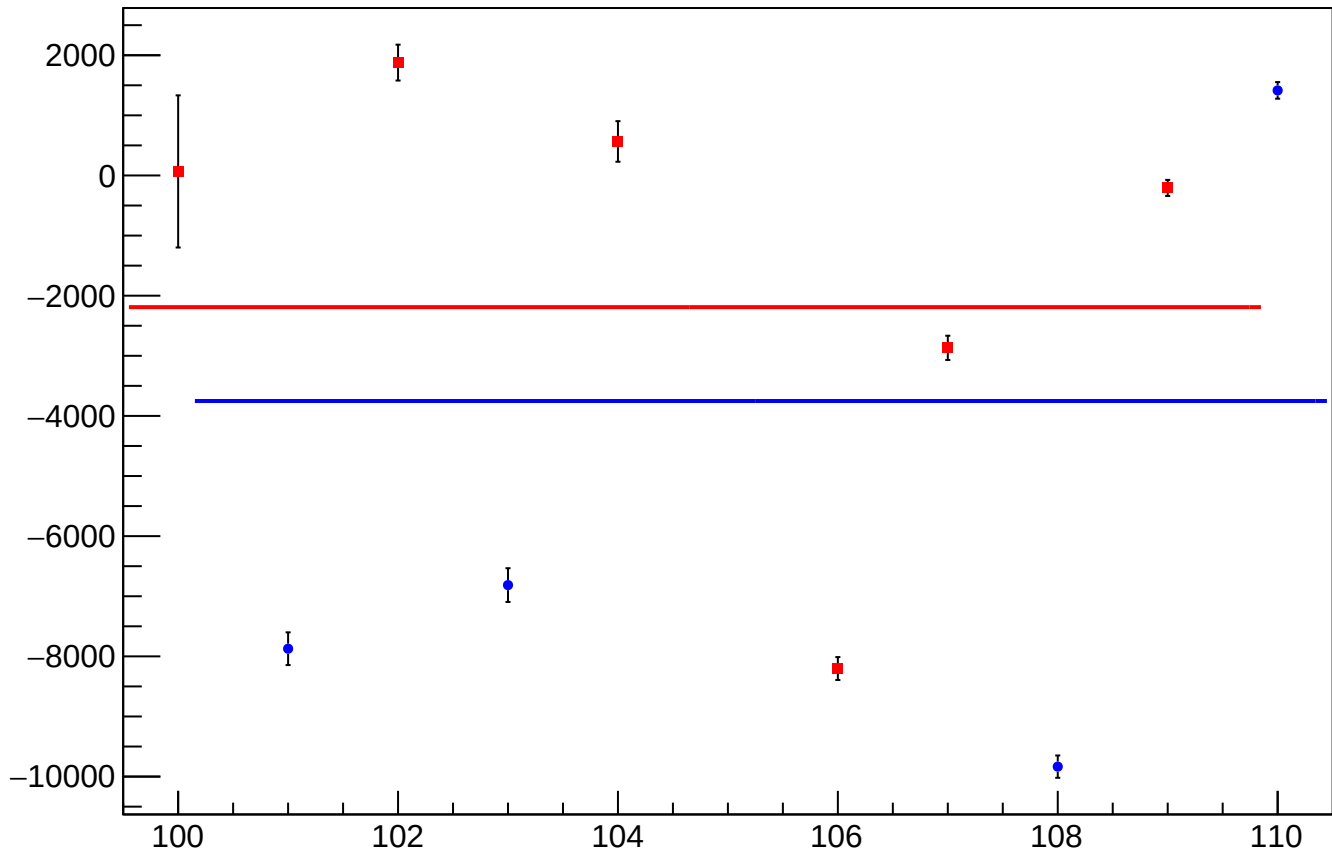
Right: 140.041+/-0.052 χ^2/NDF : 1257255.2/9

In: 142.318+/-0.078 χ^2/NDF : 585126.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.041+/-0.052 χ^2/NDF : 1257255.2/9

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -3752.003+/-96.360 χ^2/NDF : 2823.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2190.415+/-88.154 χ^2/NDF : 1482.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

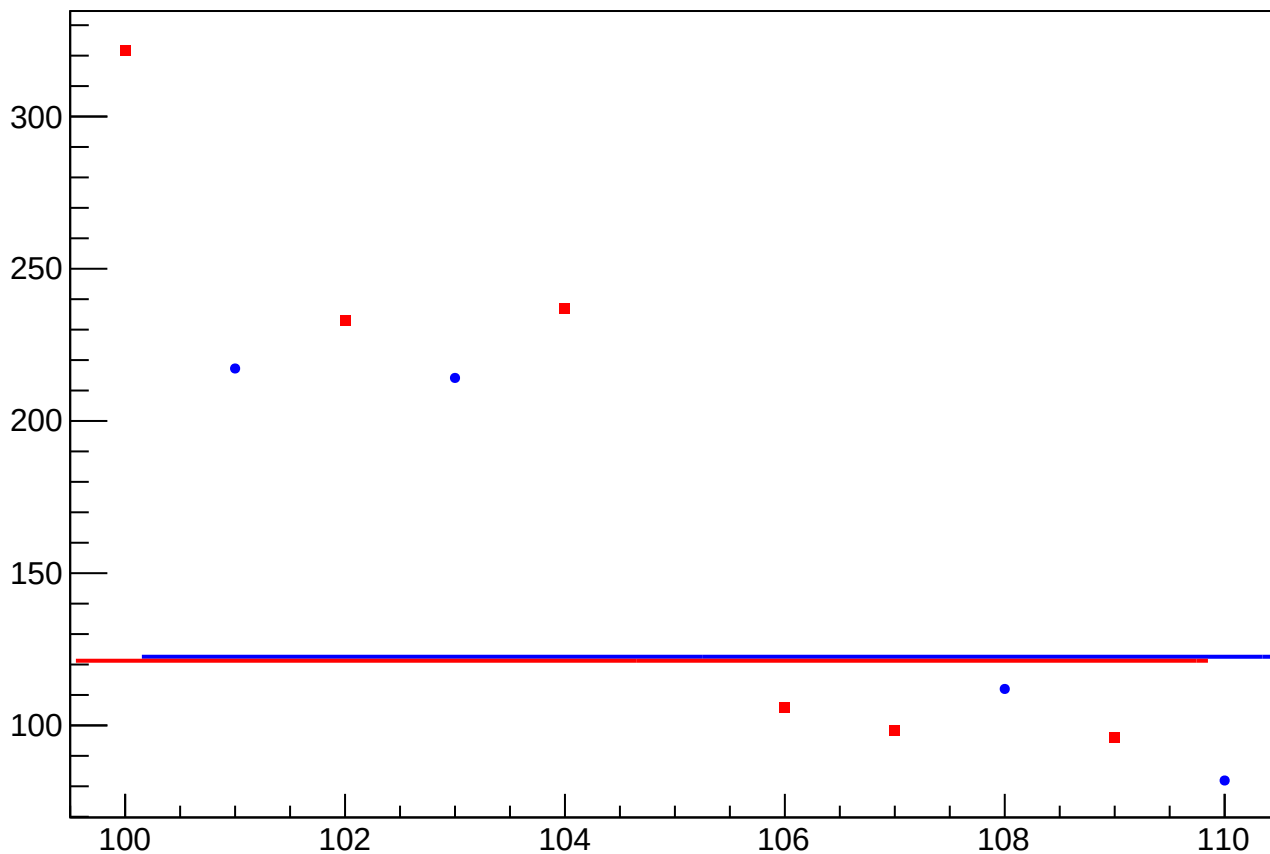
Right: -2901.892+/-65.042 χ^2/NDF : 4448.7/9

In: -3752.003+/-96.360 χ^2/NDF : 2823.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2901.892+/-65.042 χ^2/NDF : 4448.7/9

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 122.553+/-0.068 χ^2/NDF : 634748.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.245+/-0.062 χ^2/NDF : 674157.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

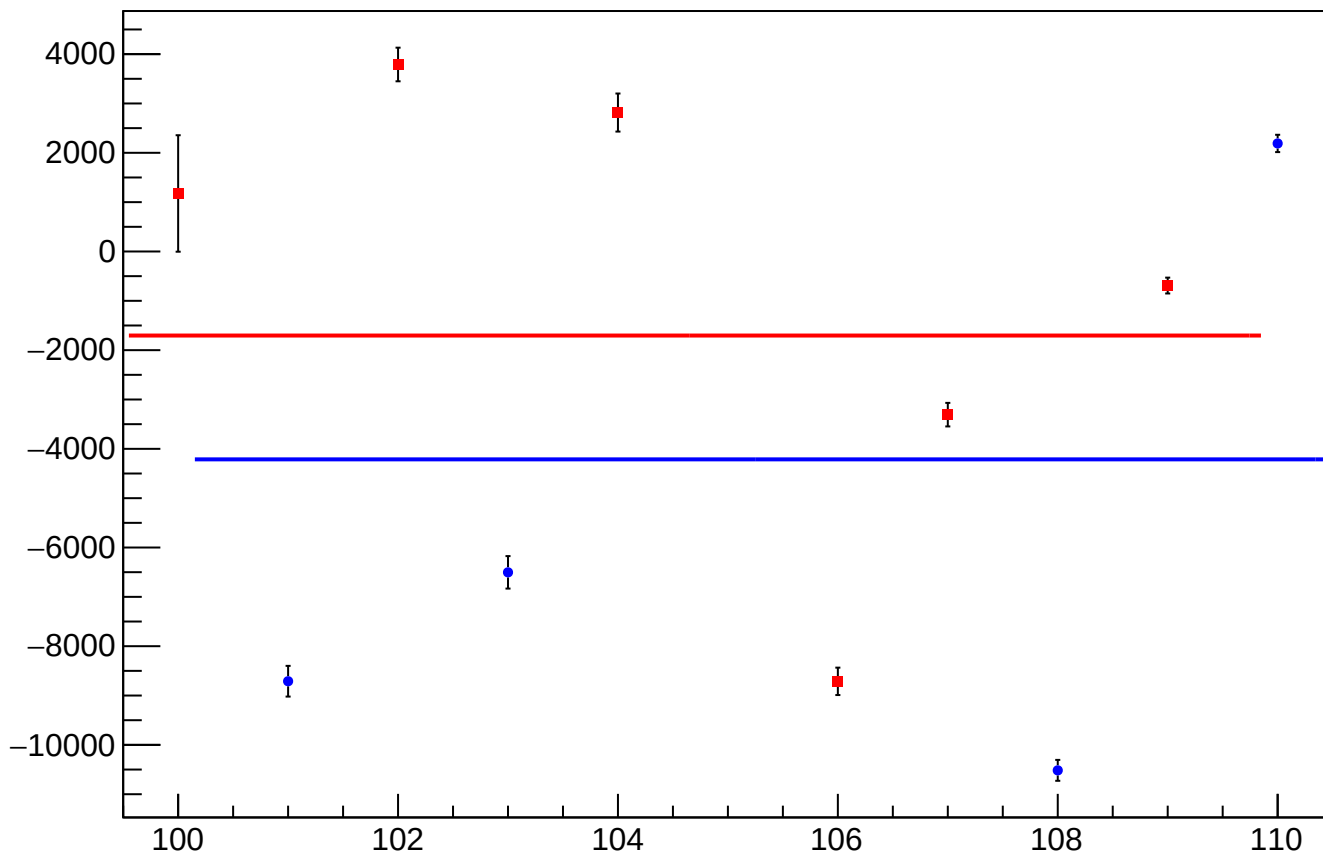
Right: 121.841+/-0.046 χ^2/NDF : 1309106.9/9

In: 122.553+/-0.068 χ^2/NDF : 634748.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.841+/-0.046 χ^2/NDF : 1309106.9/9

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: -4213.261+/-116.008 χ^2/NDF : 2474.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1703.595+/-108.219 χ^2/NDF : 1125.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

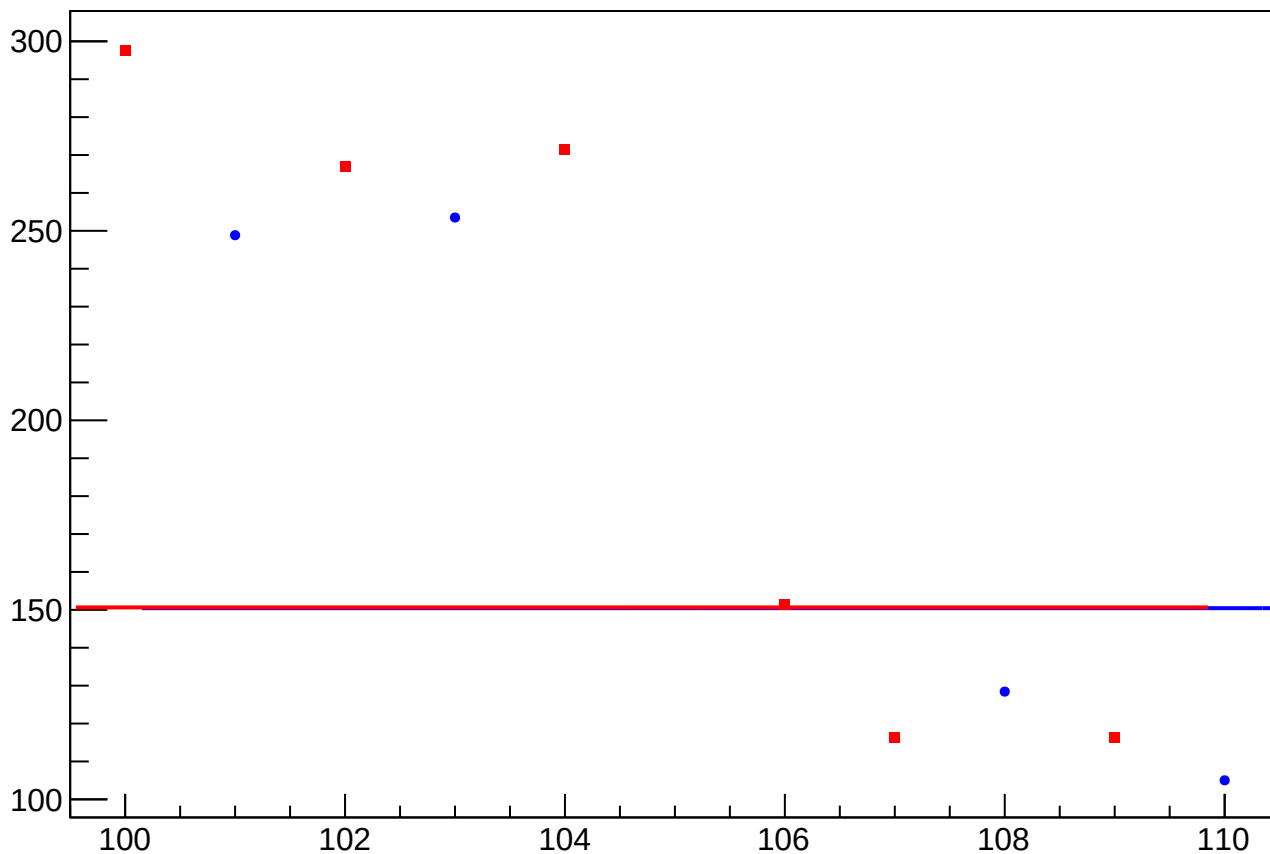
Right: -2871.350+/-79.133 χ^2/NDF : 3849.7/9

In: -4213.261+/-116.008 χ^2/NDF : 2474.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2871.350+/-79.133 χ^2/NDF : 3849.7/9

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 150.444+/-0.082 χ^2/NDF : 551402.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.643+/-0.077 χ^2/NDF : 593408.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

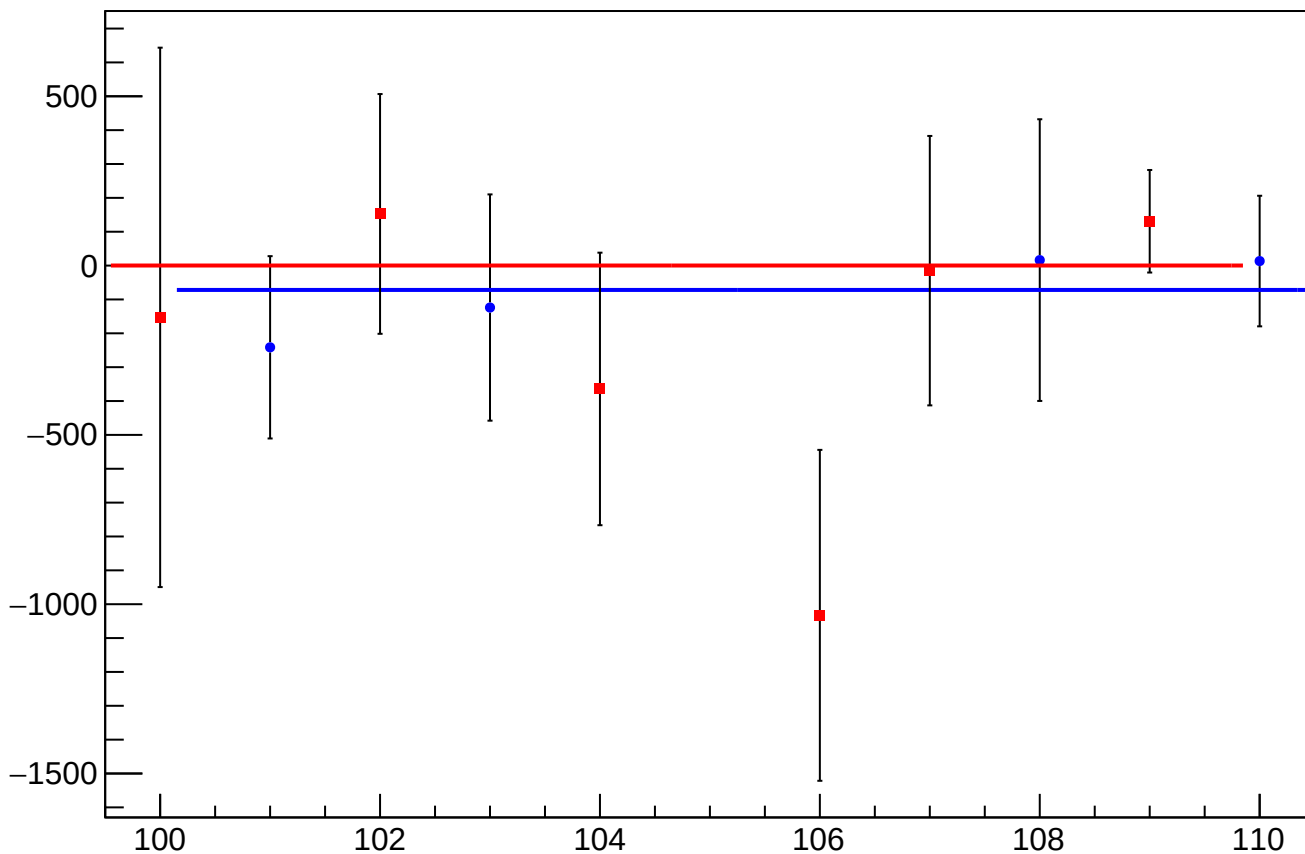
Right: 150.550+/-0.056 χ^2/NDF : 1144813.9/9

In: 150.444+/-0.082 χ^2/NDF : 551402.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.550+/-0.056 χ^2/NDF : 1144813.9/9

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -71.912 ± 134.312 χ^2/NDF : 0.7/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.220 ± 119.651 χ^2/NDF : 6.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

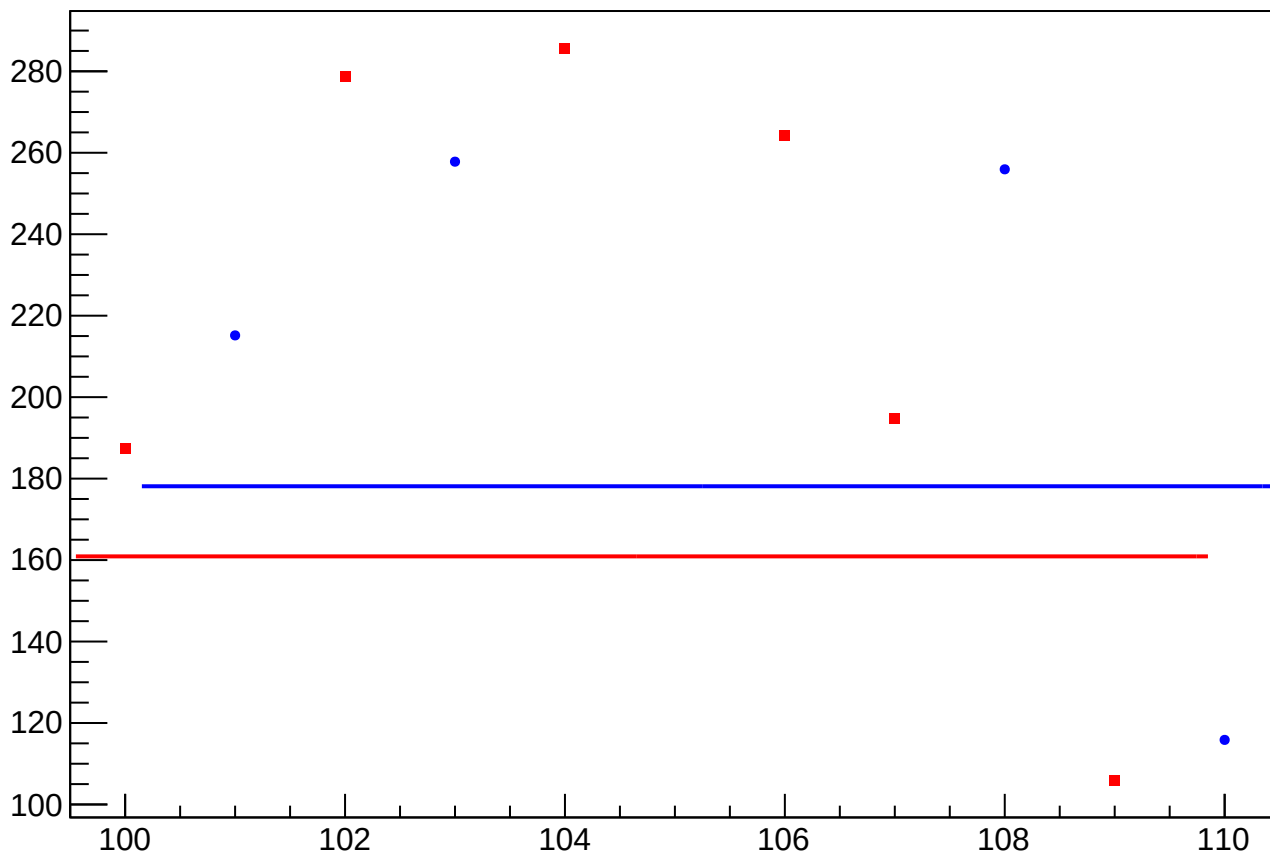
Right: -31.696 ± 89.342 χ^2/NDF : 7.1/9

In: -71.912 ± 134.312 χ^2/NDF : 0.7/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.696 ± 89.342 χ^2/NDF : 7.1/9

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 178.122+/-0.095 χ^2/NDF : 430206.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.908+/-0.085 χ^2/NDF : 783498.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

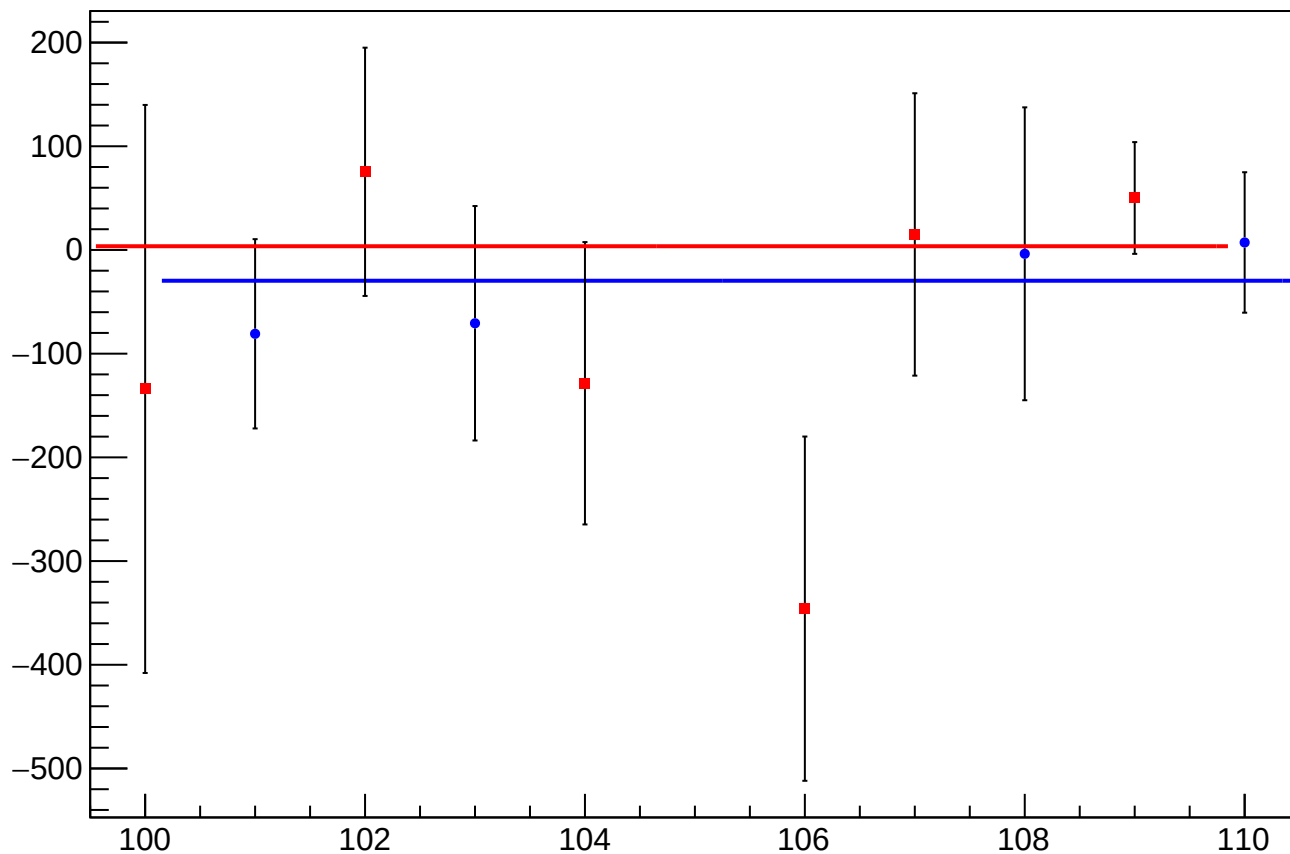
Right: 168.525+/-0.063 χ^2/NDF : 1232022.2/9

In: 178.122+/-0.095 χ^2/NDF : 430206.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.525+/-0.063 χ^2/NDF : 1232022.2/9

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -29.675+/-46.300 χ^2/NDF : 0.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.598+/-41.820 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

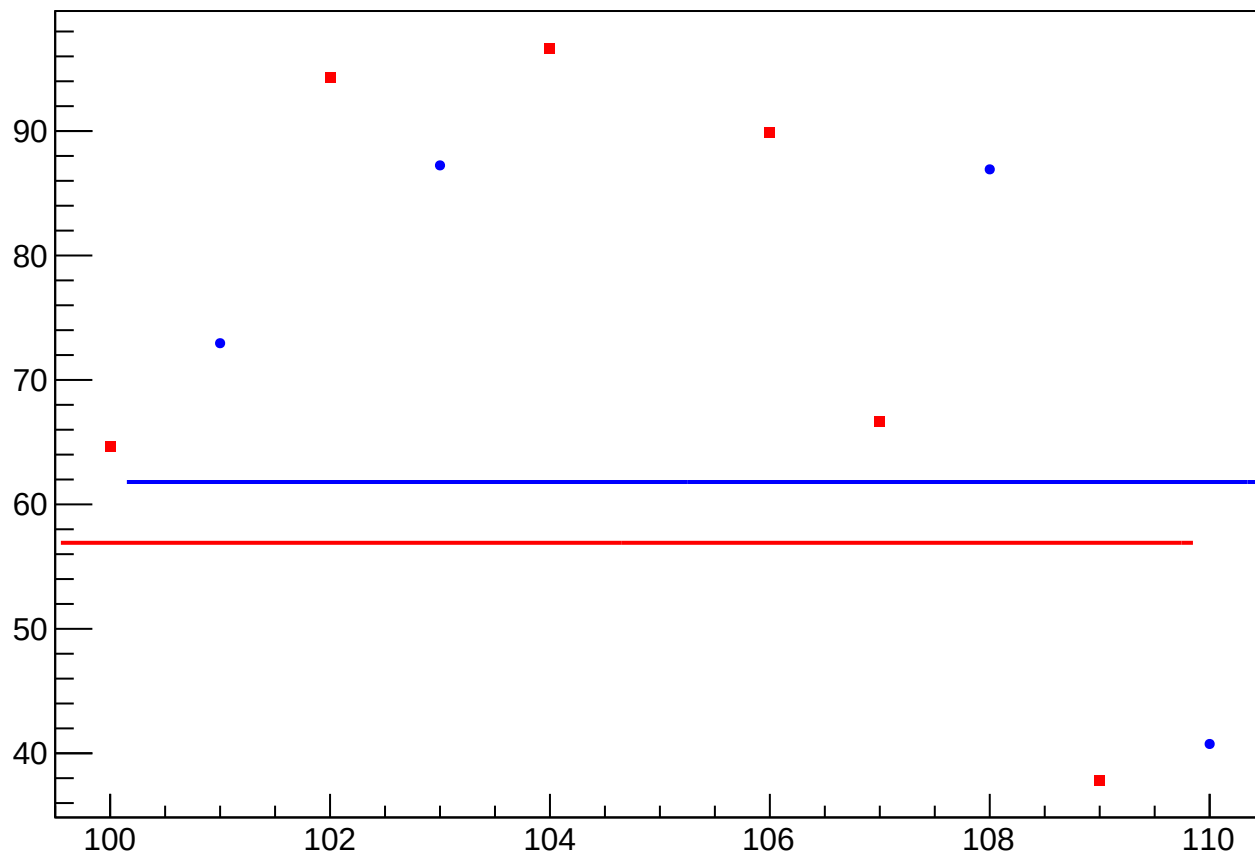
Right: -11.351+/-31.035 χ^2/NDF : 7.8/9

In: -29.675+/-46.300 χ^2/NDF : 0.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.351+/-31.035 χ^2/NDF : 7.8/9

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 61.799+/-0.033 χ^2/NDF : 387713.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.914+/-0.030 χ^2/NDF : 706661.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

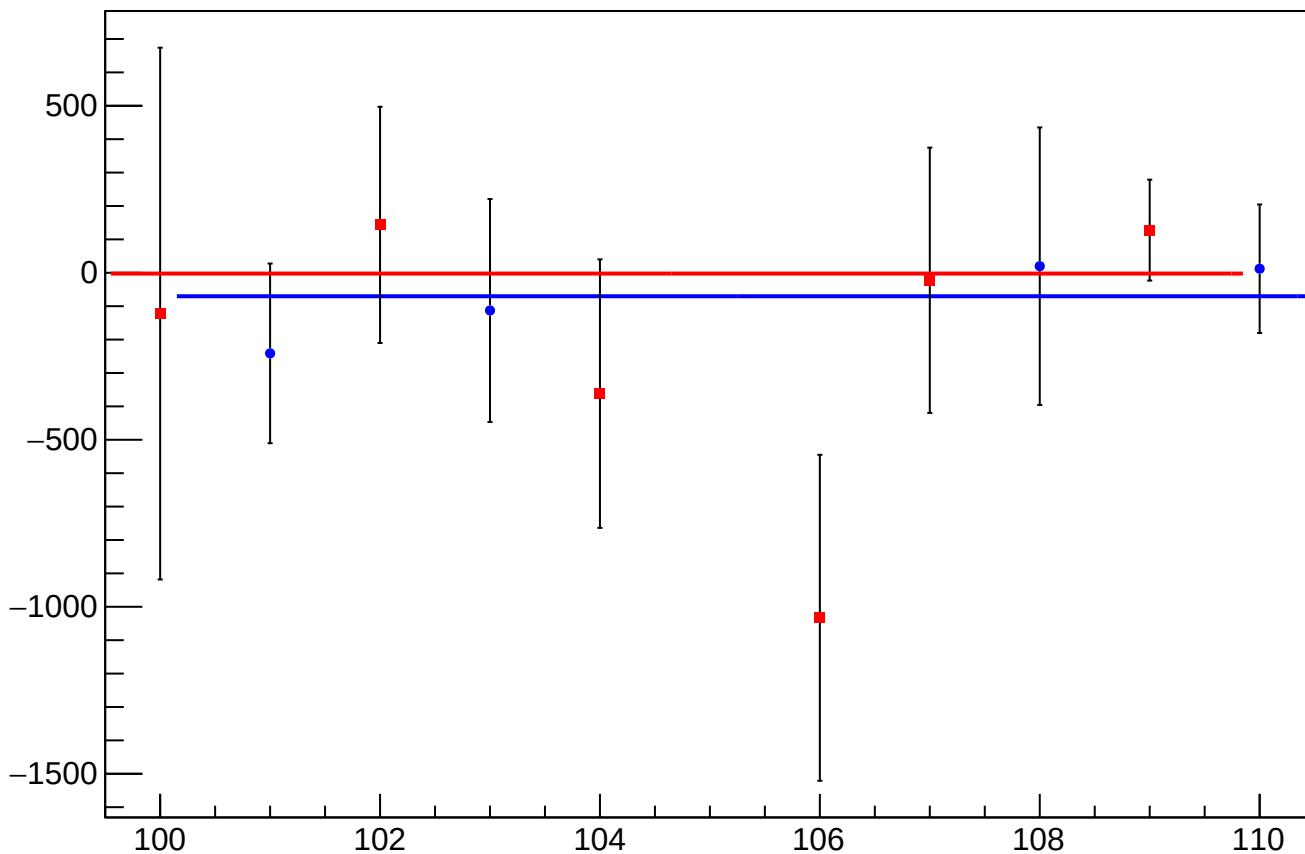
Right: 59.109+/-0.022 χ^2/NDF : 1106638.5/9

In: 61.799+/-0.033 χ^2/NDF : 387713.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.109+/-0.022 χ^2/NDF : 1106638.5/9

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -70.246+/-134.104 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.353+/-119.420 χ^2/NDF : 6.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

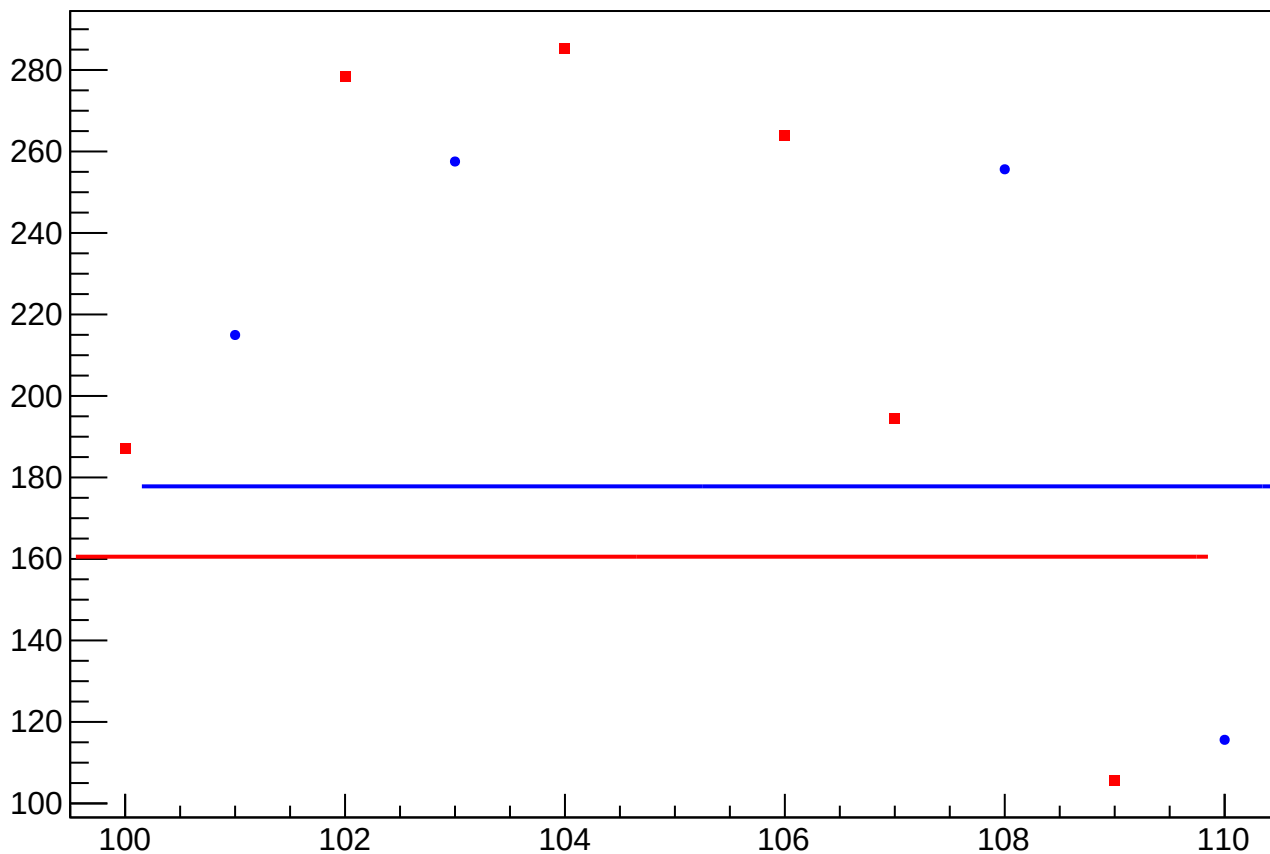
Right: -32.380+/-89.184 χ^2/NDF : 7.0/9

In: -70.246+/-134.104 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.380+/-89.184 χ^2/NDF : 7.0/9

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 177.814 $\pm$ 0.095 χ^2 /NDF: 431465.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 160.550 $\pm$ 0.084 χ^2 /NDF: 785427.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

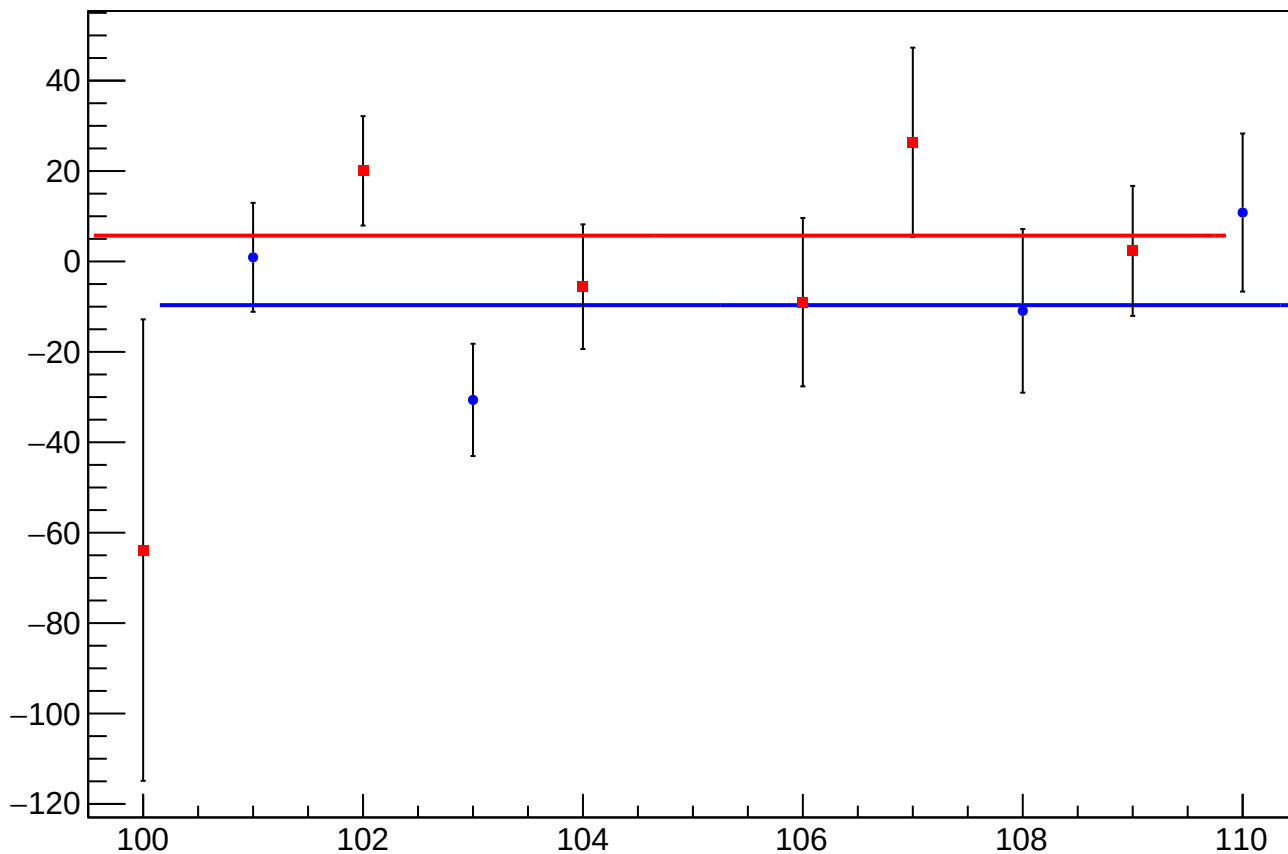
Right: 168.185 $\pm$ 0.063 χ^2 /NDF: 1235378.6/9

In: 177.814 $\pm$ 0.095 χ^2 /NDF:431465.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.185 $\pm$ 0.063 χ^2 /NDF: 1235378.6/9

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -9.663+/-7.125 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.718+/-6.669 χ^2/NDF : 5.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

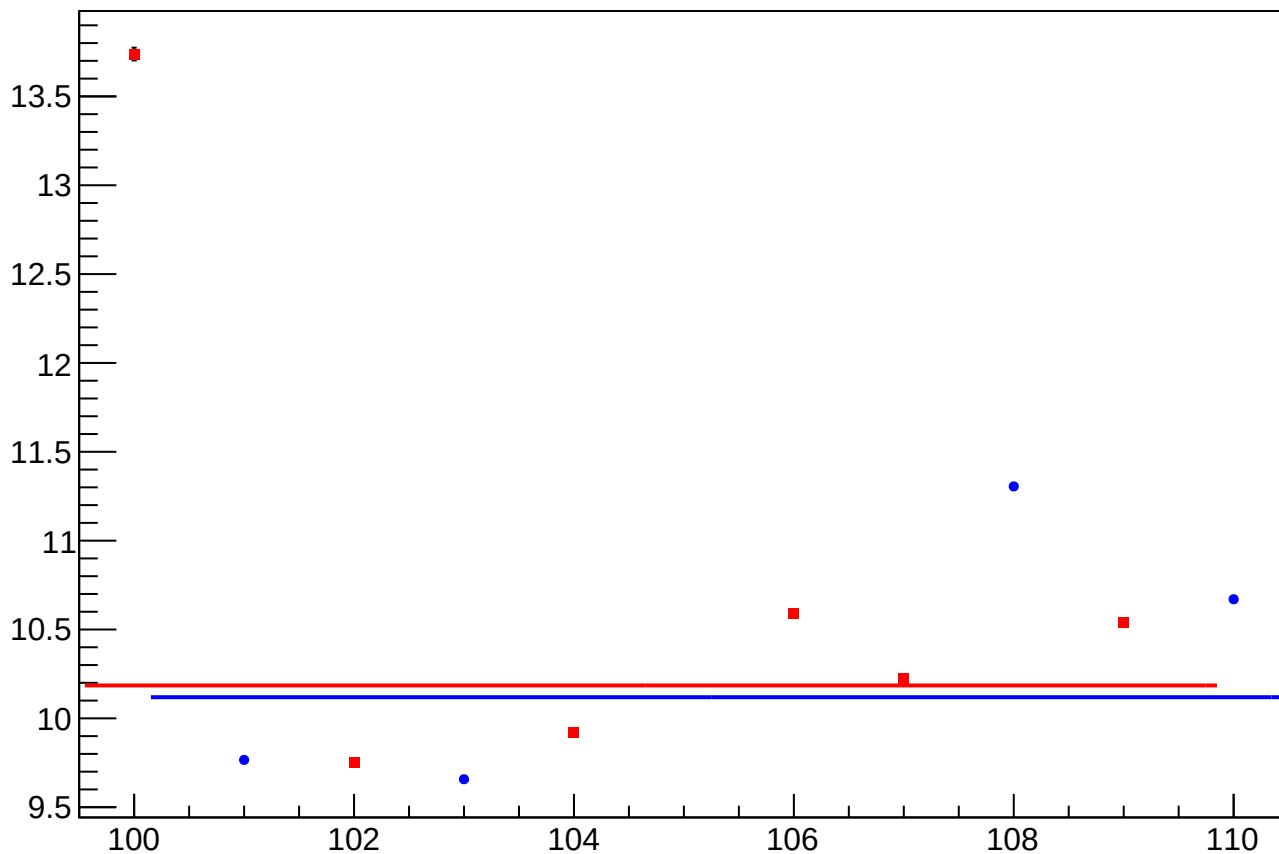
Right: -1.464+/-4.869 χ^2/NDF : 13.1/9

In: -9.663+/-7.125 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.464+/-4.869 χ^2/NDF : 13.1/9

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 10.119+/-0.005 χ^2/NDF : 15061.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.185+/-0.005 χ^2/NDF : 15166.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

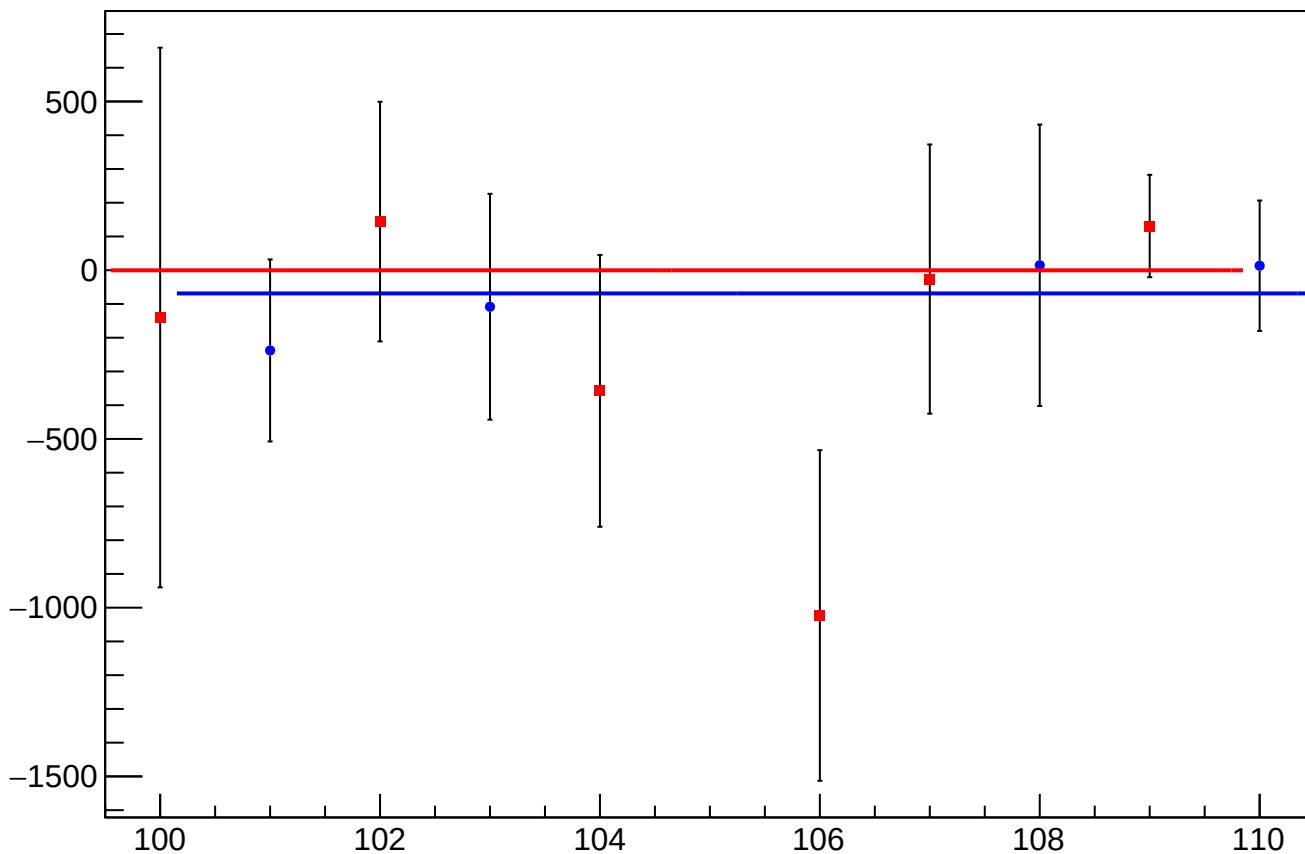
Right: 10.154+/-0.003 χ^2/NDF : 30320.2/9

In: 10.119+/-0.005 χ^2/NDF : 15061.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.154+/-0.003 χ^2/NDF : 30320.2/9

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -68.766 ± 134.584 χ^2/NDF : 0.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.273 ± 119.907 χ^2/NDF : 6.1/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

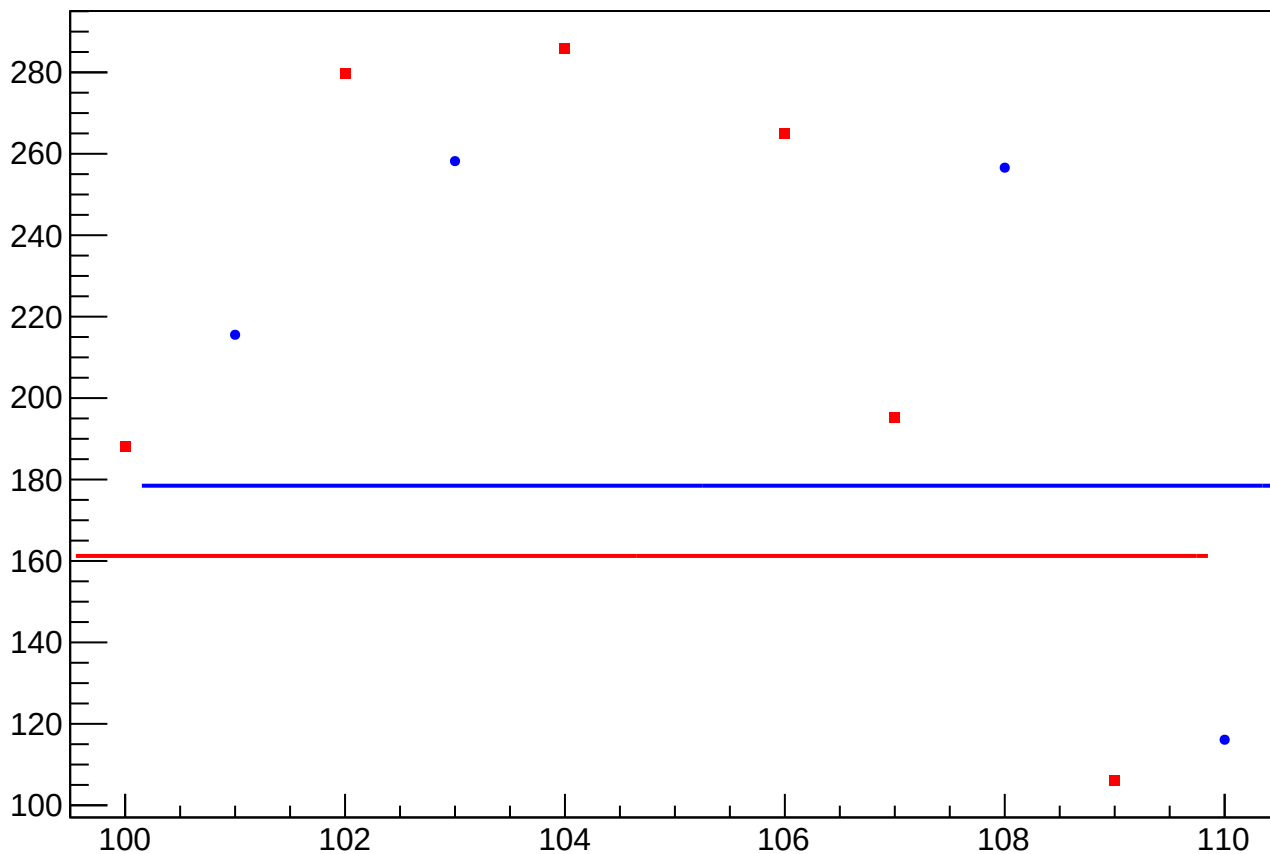
Right: -30.582 ± 89.528 χ^2/NDF : 6.9/9

In: -68.766 ± 134.584 χ^2/NDF : 0.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.582 ± 89.528 χ^2/NDF : 6.9/9

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 178.485+/-0.095 χ^2/NDF : 429880.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.237+/-0.085 χ^2/NDF : 783891.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

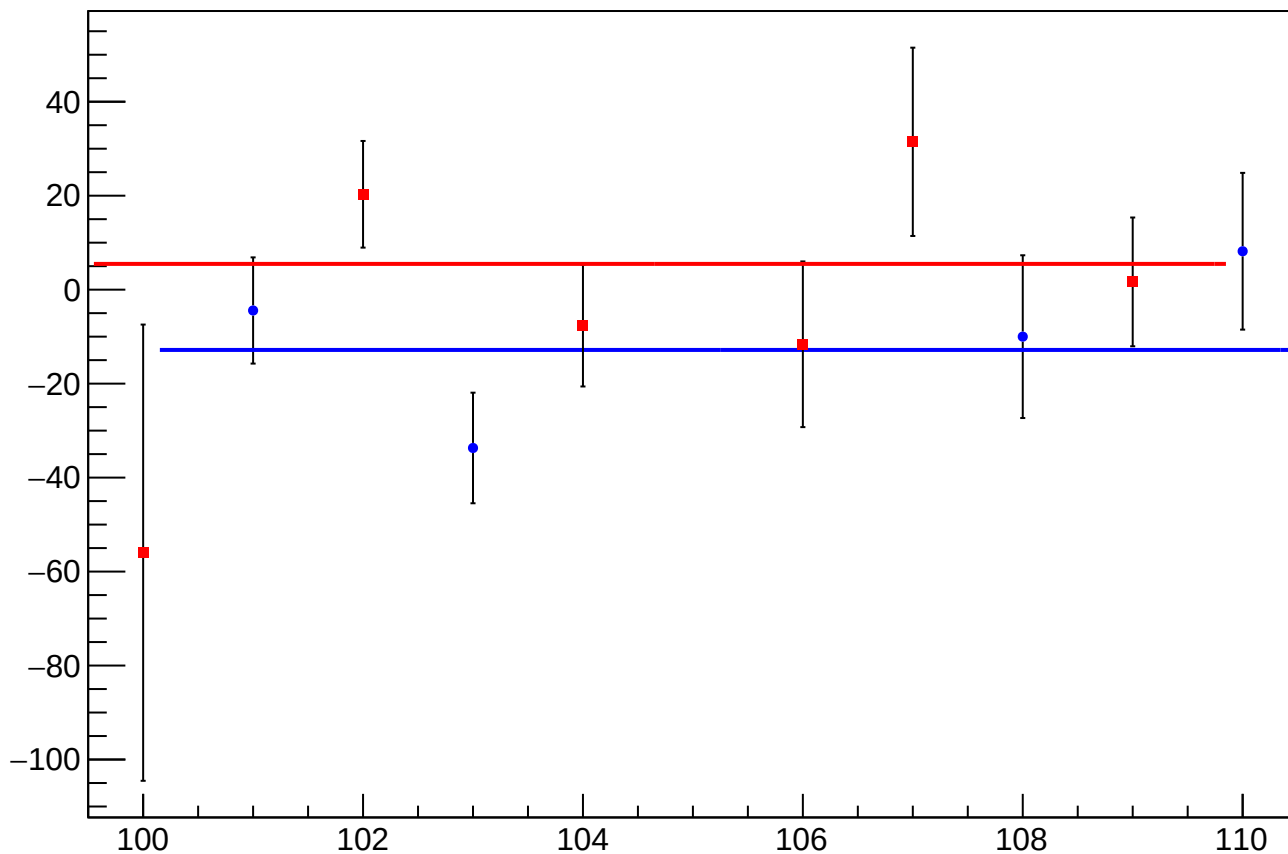
Right: 168.870+/-0.063 χ^2/NDF : 1232083.9/9

In: 178.485+/-0.095 χ^2/NDF : 429880.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.870+/-0.063 χ^2/NDF : 1232083.9/9

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -12.829 $\pm$ 6.746 χ^2 /NDF: 5.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.482 $\pm$ 6.302 χ^2 /NDF: 7.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

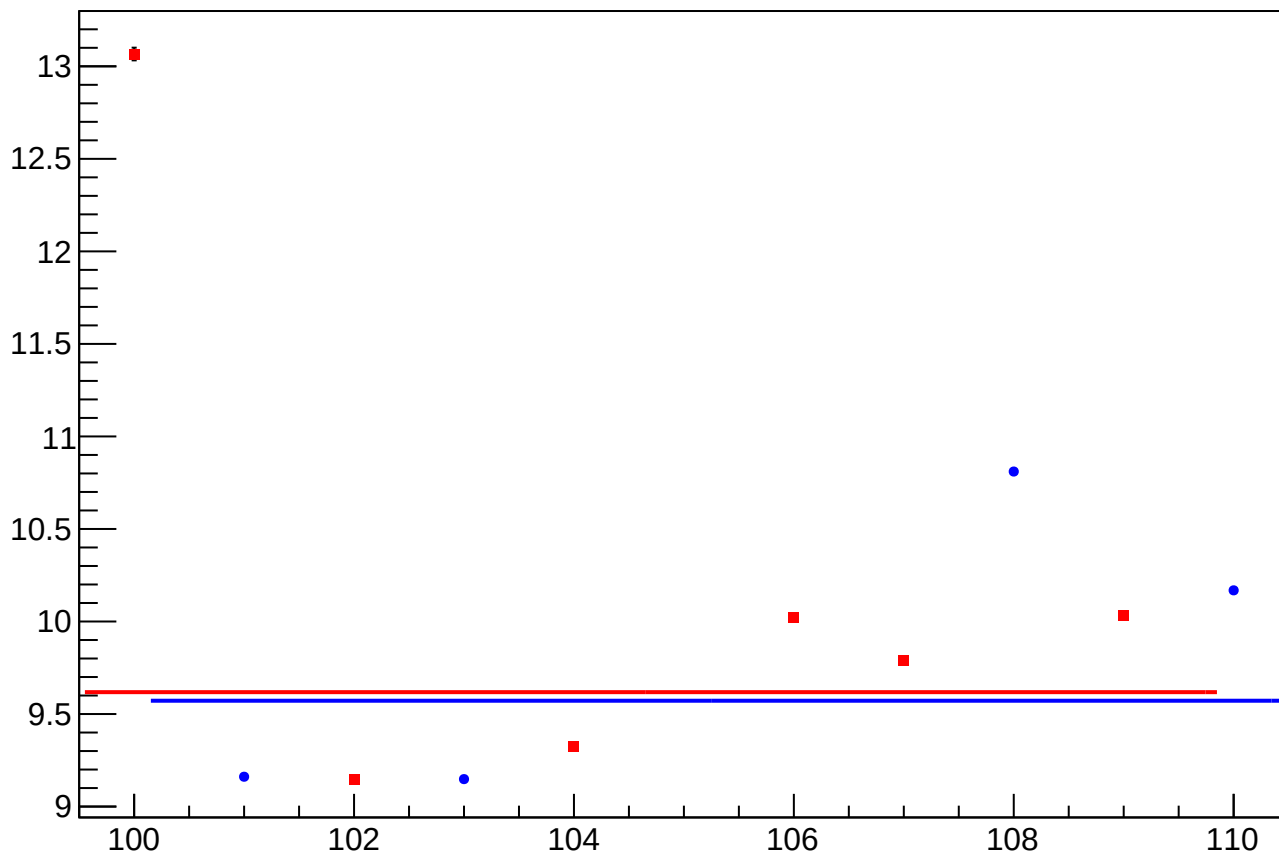
Right: -3.052 $\pm$ 4.605 χ^2 /NDF: 16.3/9

In: -12.829 $\pm$ 6.746 χ^2 /NDF: 5.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.052 $\pm$ 4.605 χ^2 /NDF: 16.3/9

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 9.572 $\pm$ 0.005 χ^2 /NDF: 18015.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.618 $\pm$ 0.004 χ^2 /NDF: 17561.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

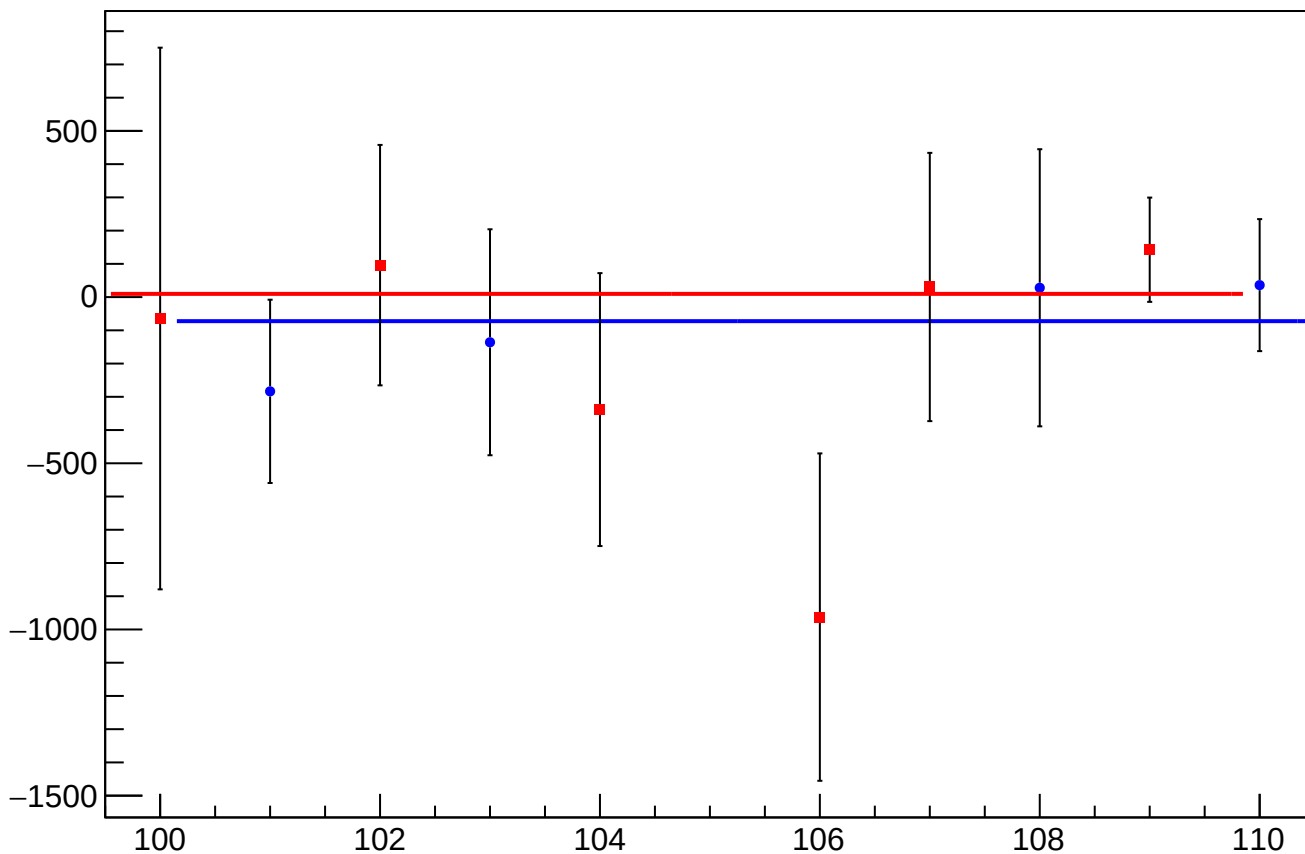
Right: 9.597 $\pm$ 0.003 χ^2 /NDF: 35627.9/9

In: 9.572 $\pm$ 0.005 χ^2 /NDF: 18015.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.597 $\pm$ 0.003 χ^2 /NDF: 35627.9/9

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -72.389+/-137.461 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.703+/-123.105 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

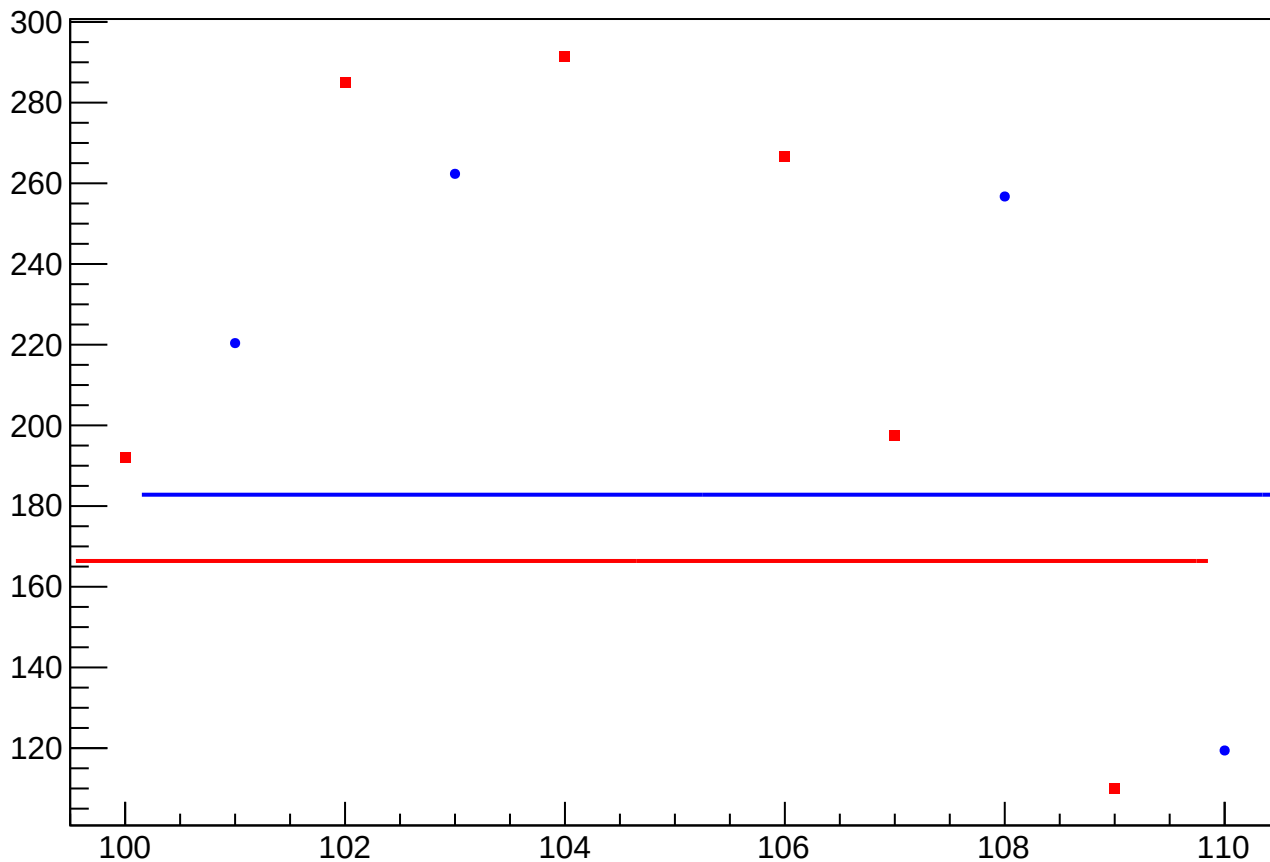
Right: -26.834+/-91.705 χ^2/NDF : 6.6/9

In: -72.389+/-137.461 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.834+/-91.705 χ^2/NDF : 6.6/9

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 182.818 $\pm$ 0.097 χ^2 /NDF: 413381.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 166.392 $\pm$ 0.087 χ^2 /NDF: 754930.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

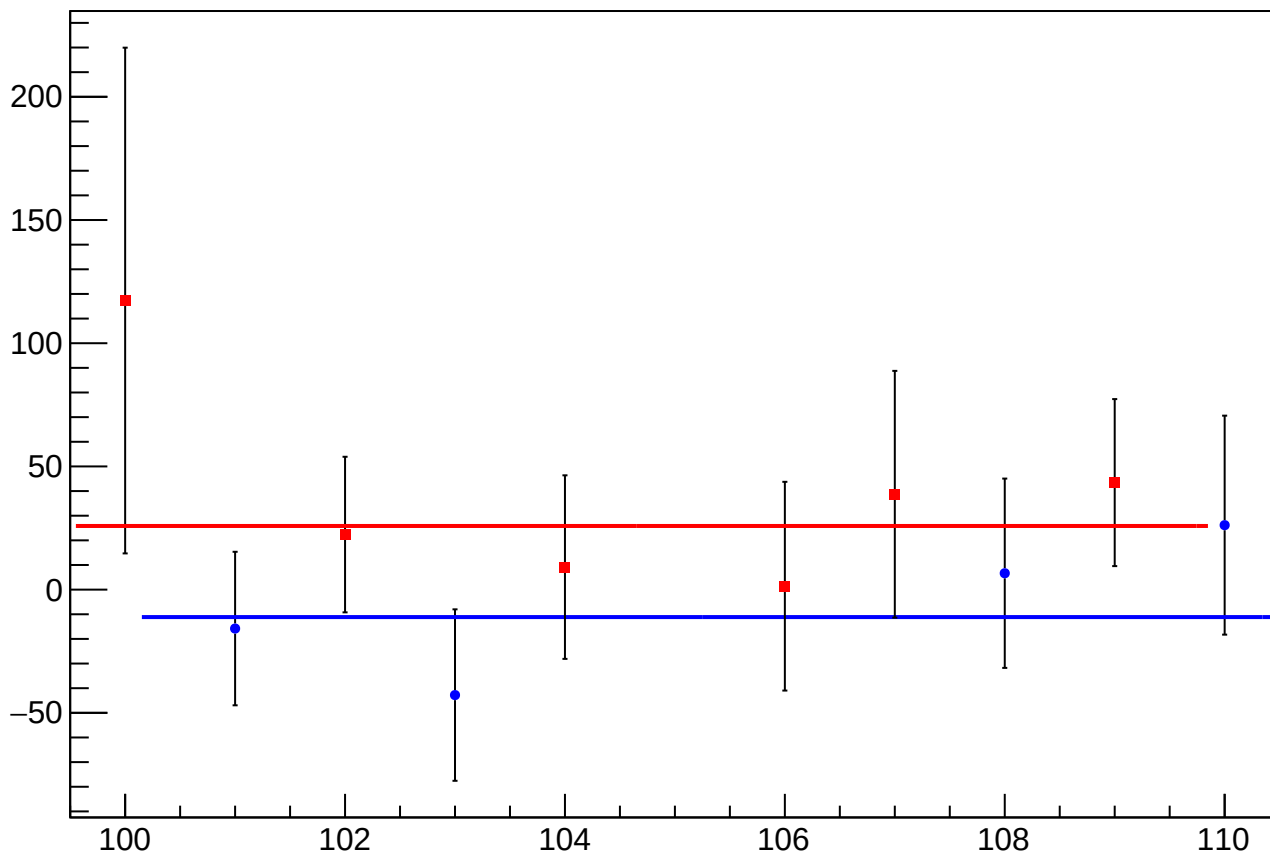
Right: 173.703 $\pm$ 0.065 χ^2 /NDF: 1184160.2/9

In: 182.818 $\pm$ 0.097 χ^2 /NDF:413381.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 173.703 $\pm$ 0.065 χ^2 /NDF: 1184160.2/9

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -11.138 $\pm$ 18.134 χ^2 /NDF: 1.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.833 $\pm$ 16.561 χ^2 /NDF: 1.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

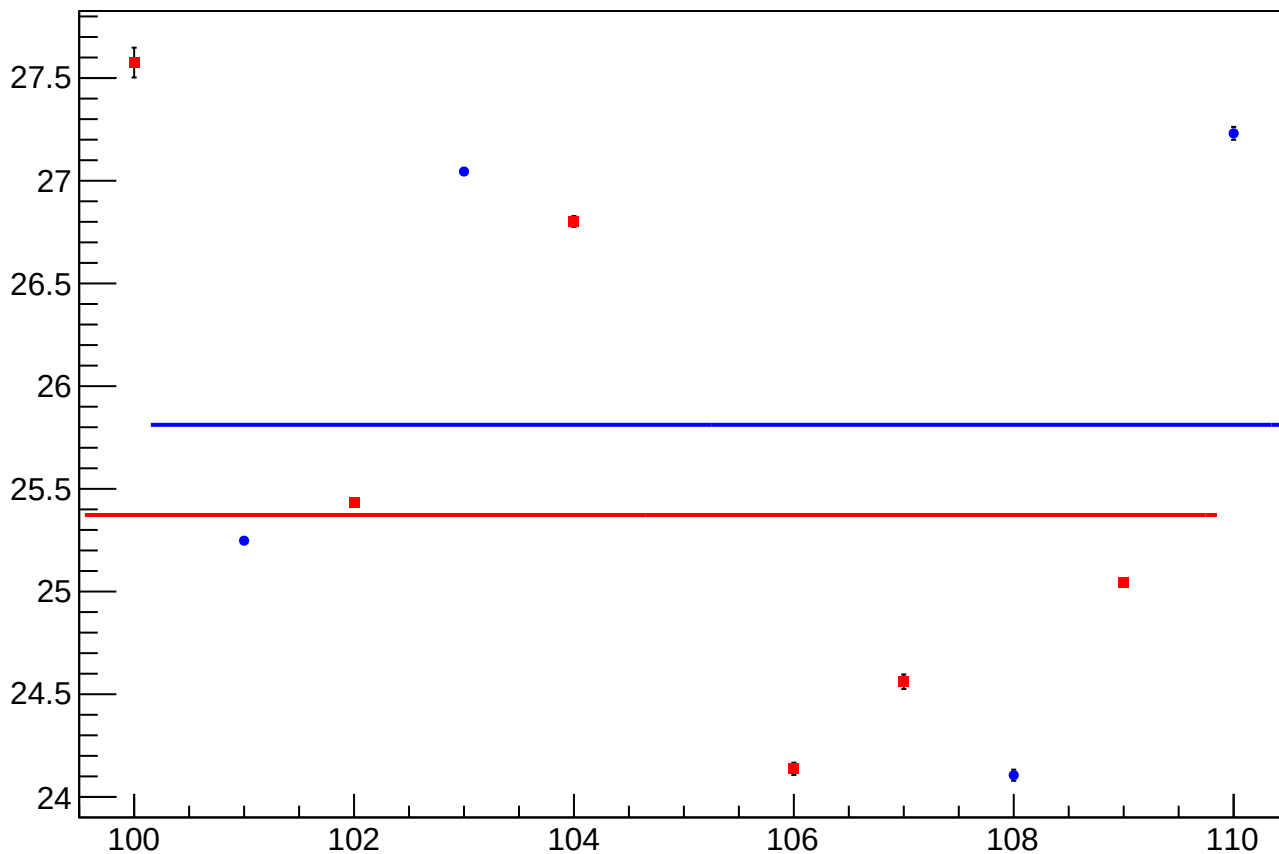
Right: 9.021 $\pm$ 12.229 χ^2 /NDF: 5.7/9

In: -11.138 $\pm$ 18.134 χ^2 /NDF:1.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.021 $\pm$ 12.229 χ^2 /NDF: 5.7/9

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.812 $\pm$ 0.013 χ^2 /NDF: 9153.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.373 $\pm$ 0.012 χ^2 /NDF: 6290.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

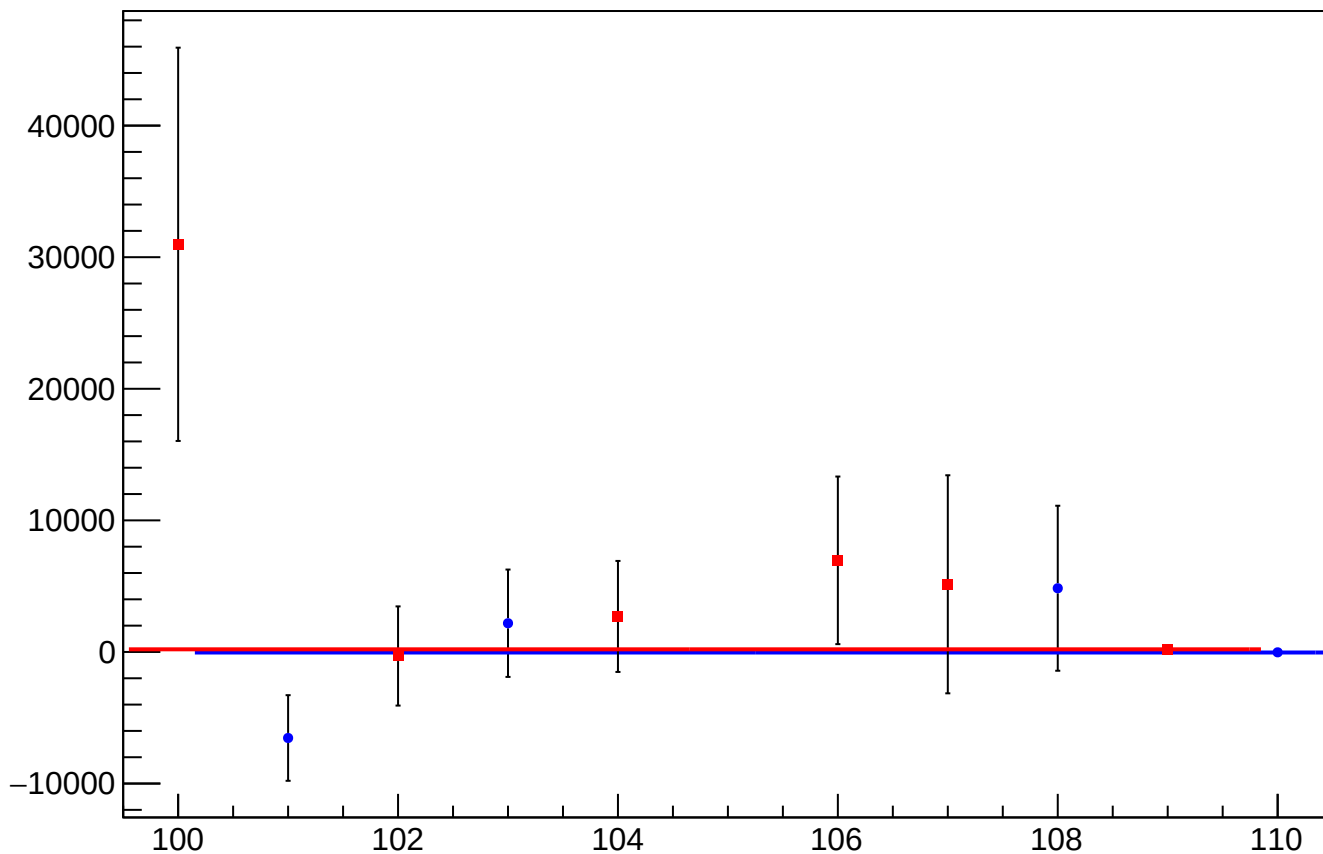
Right: 25.572 $\pm$ 0.009 χ^2 /NDF: 16083.3/9

In: 25.812 $\pm$ 0.013 χ^2 /NDF:9153.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.572 $\pm$ 0.009 χ^2 /NDF: 16083.3/9

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -41.282+/-193.616 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.580+/-208.363 χ^2/NDF : 6.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

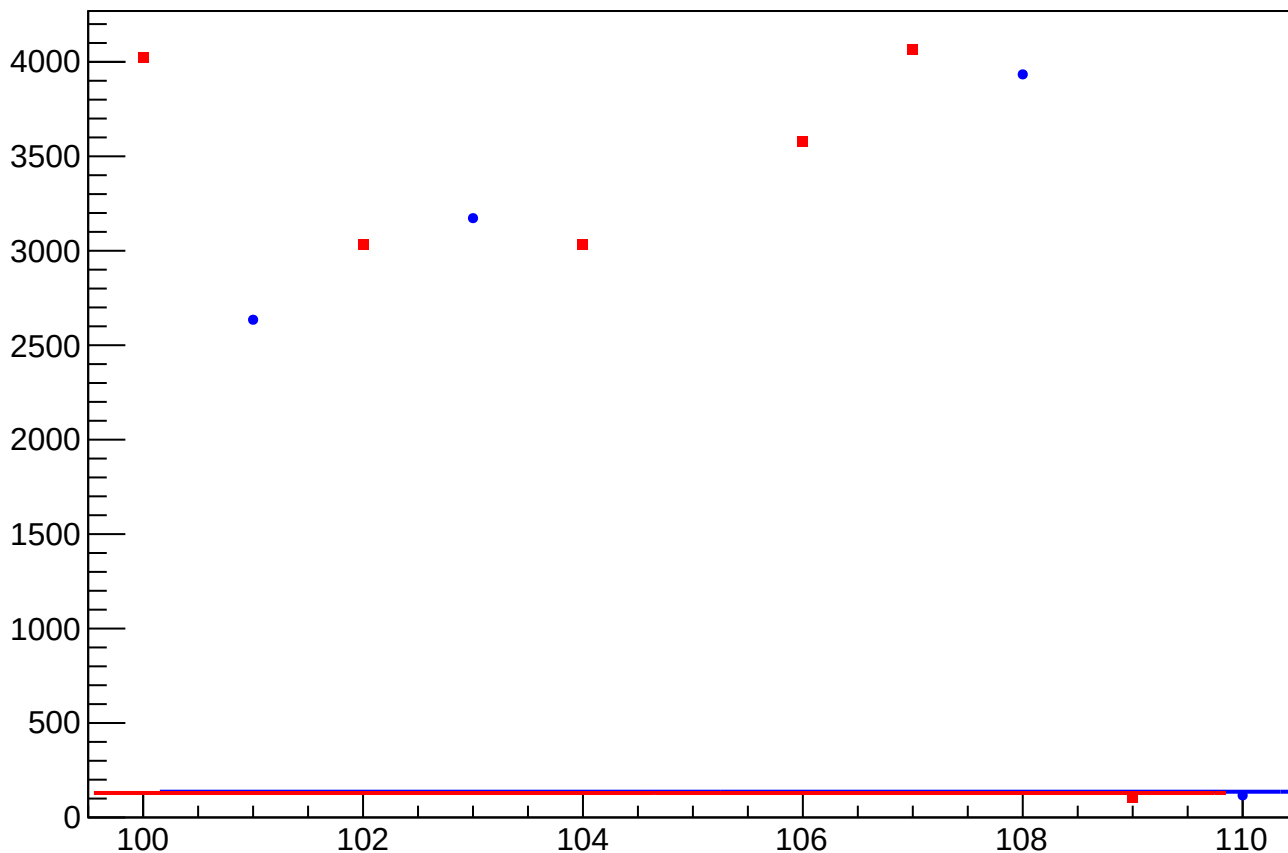
Right: 70.788+/-141.834 χ^2/NDF : 11.7/9

In: -41.282+/-193.616 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.788+/-141.834 χ^2/NDF : 11.7/9

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 136.250+/-0.137 χ^2/NDF : 3041410.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.576+/-0.147 χ^2/NDF : 3334925.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

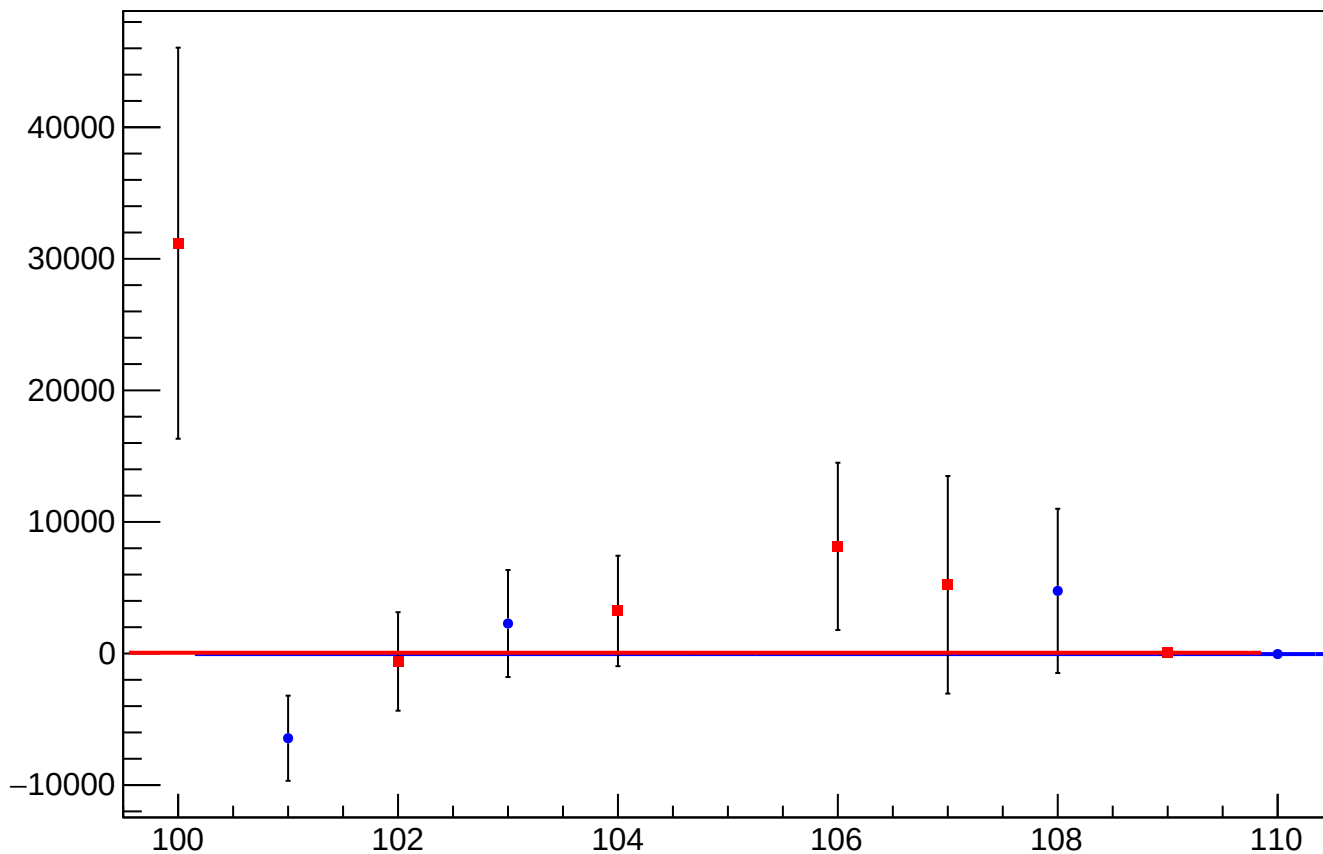
Right: 133.157+/-0.100 χ^2/NDF : 6377437.1/9

In: 136.250+/-0.137 χ^2/NDF : 3041410.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.157+/-0.100 χ^2/NDF : 6377437.1/9

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -43.488 $\pm$ 43.865 χ^2 /NDF: 4.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.625 $\pm$ 51.362 χ^2 /NDF: 7.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

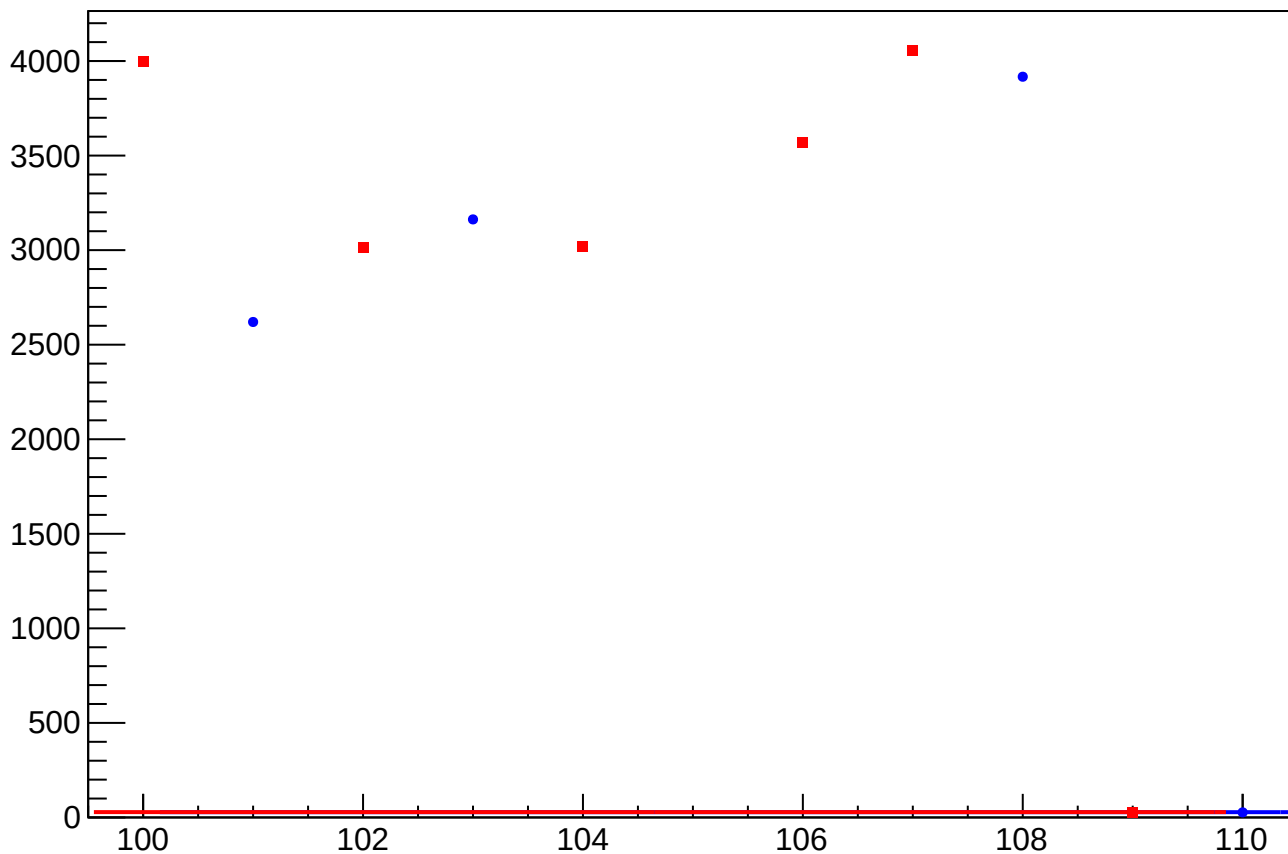
Right: -0.842 $\pm$ 33.356 χ^2 /NDF: 14.1/9

In: -43.488 $\pm$ 43.865 χ^2 /NDF:4.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.842 $\pm$ 33.356 χ^2 /NDF: 14.1/9

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 27.919+/-0.031 χ^2/NDF : 3249821.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.256+/-0.036 χ^2/NDF : 3529446.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

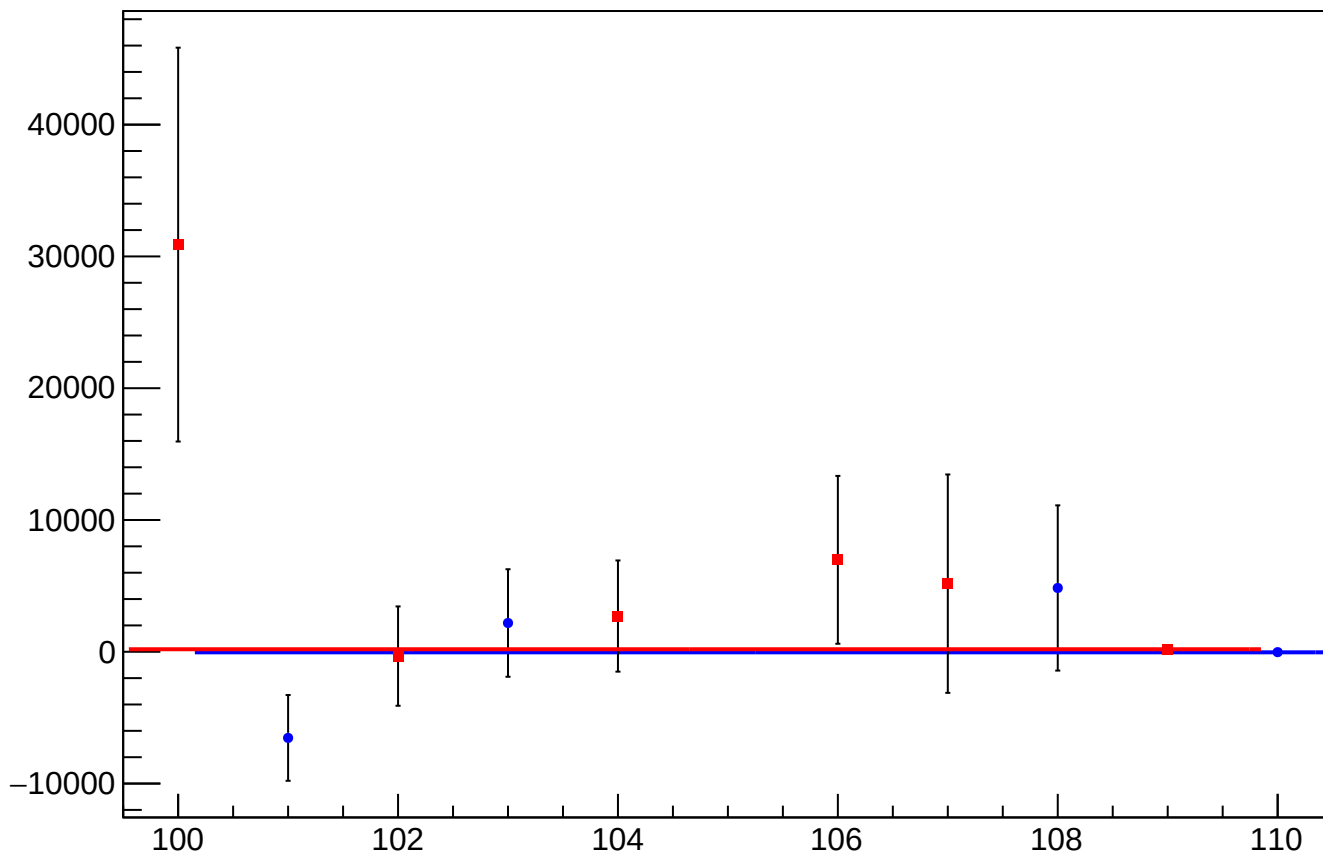
Right: 28.061+/-0.024 χ^2/NDF : 6779317.6/9

In: 27.919+/-0.031 χ^2/NDF : 3249821.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.061+/-0.024 χ^2/NDF : 6779317.6/9

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -41.999 $\pm$ 195.586 χ^2 /NDF: 4.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 191.711 $\pm$ 210.885 χ^2 /NDF: 6.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

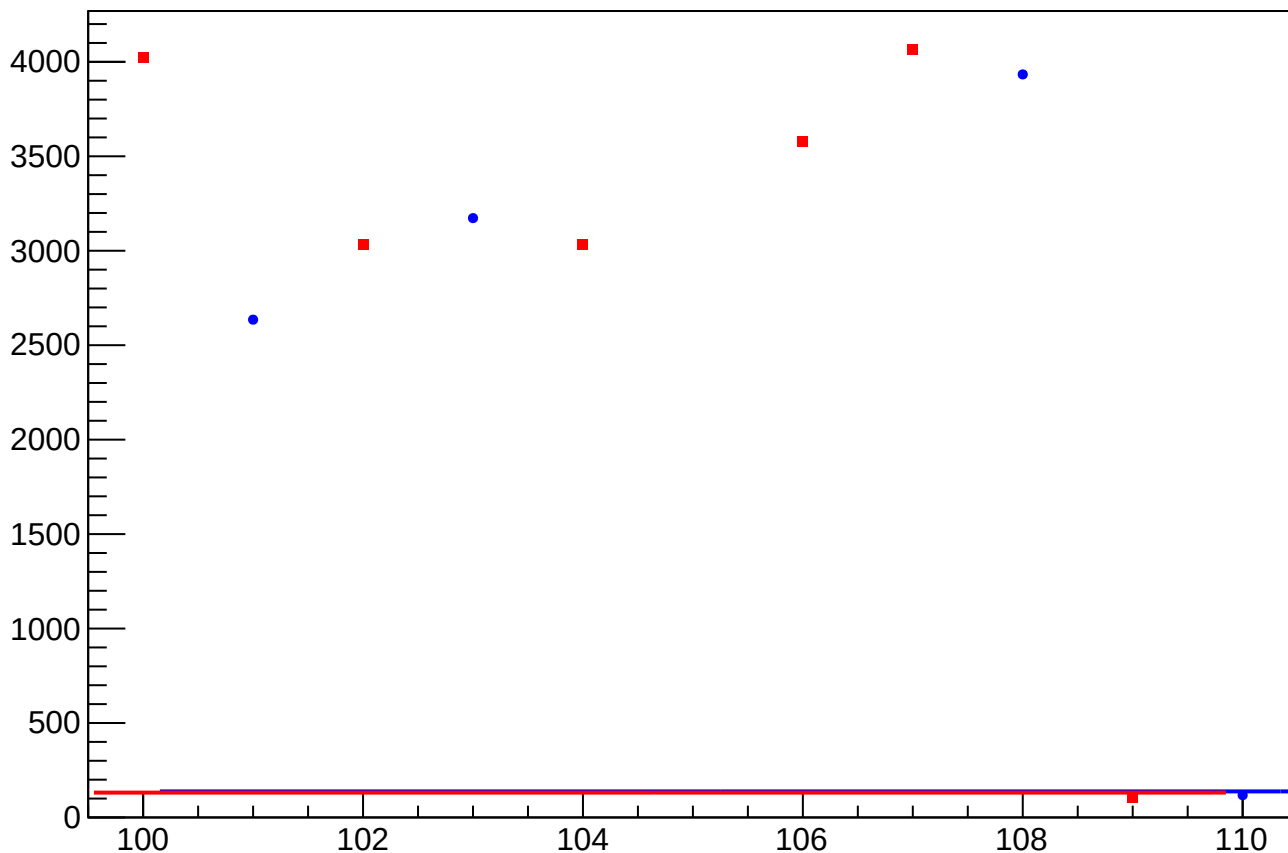
Right: 66.072 $\pm$ 143.404 χ^2 /NDF: 11.7/9

In: -41.999 $\pm$ 195.586 χ^2 /NDF:4.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.072 $\pm$ 143.404 χ^2 /NDF: 11.7/9

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 137.872+/-0.138 χ^2/NDF : 3038470.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.576+/-0.149 χ^2/NDF : 3331290.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

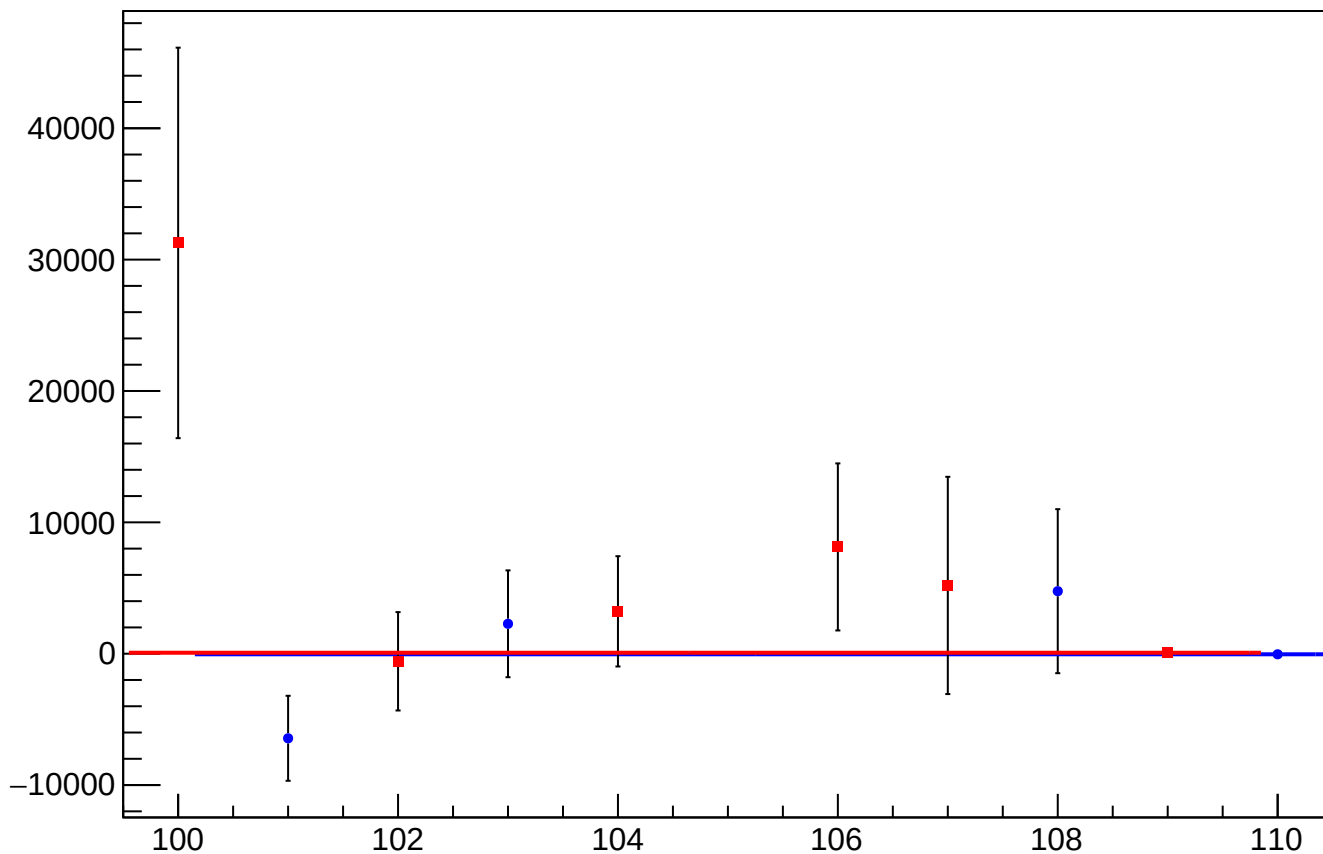
Right: 134.960+/-0.101 χ^2/NDF : 6370719.4/9

In: 137.872+/-0.138 χ^2/NDF : 3038470.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.960+/-0.101 χ^2/NDF : 6370719.4/9

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -44.367 $\pm$ 51.081 χ^2 /NDF: 4.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 73.132 $\pm$ 59.574 χ^2 /NDF: 7.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

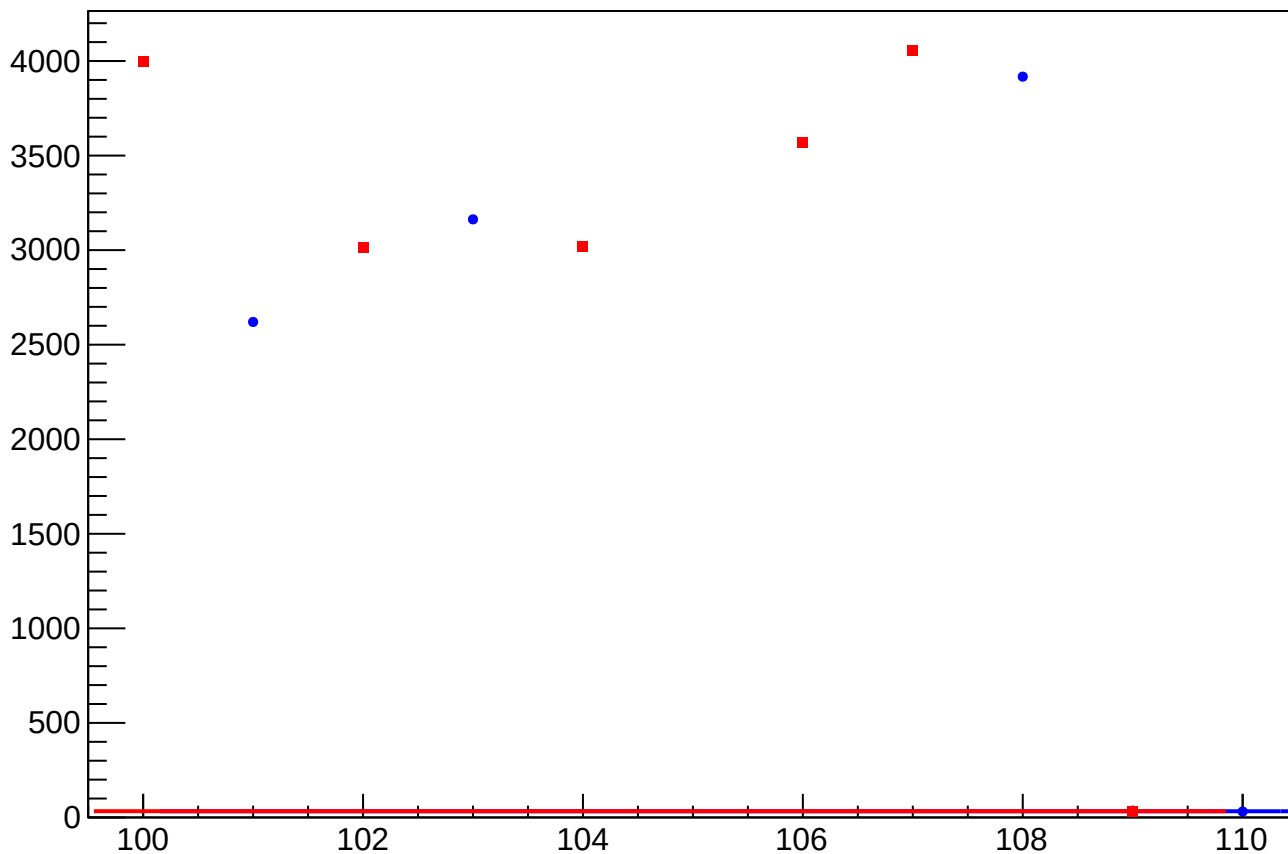
Right: 5.417 $\pm$ 38.778 χ^2 /NDF: 14.1/9

In: -44.367 $\pm$ 51.081 χ^2 /NDF:4.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.417 $\pm$ 38.778 χ^2 /NDF: 14.1/9

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 32.732 $\pm$ 0.036 χ^2 /NDF: 3239884.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.078 $\pm$ 0.042 χ^2 /NDF: 3519439.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

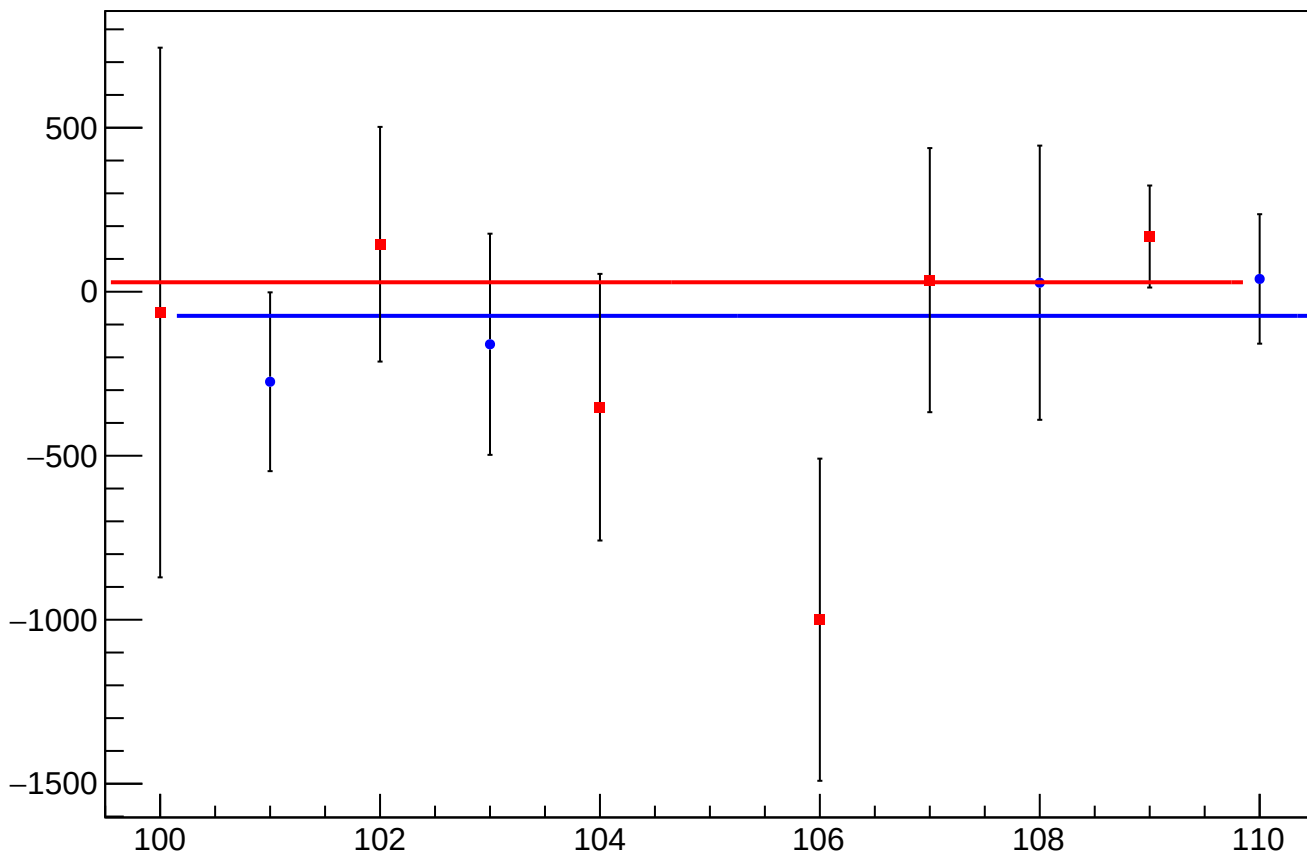
Right: 32.879 $\pm$ 0.027 χ^2 /NDF: 6759362.8/9

In: 32.732 $\pm$ 0.036 χ^2 /NDF: 3239884.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.879 $\pm$ 0.027 χ^2 /NDF: 6759362.8/9

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -73.513+/-136.522 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.845+/-122.111 χ^2/NDF : 6.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

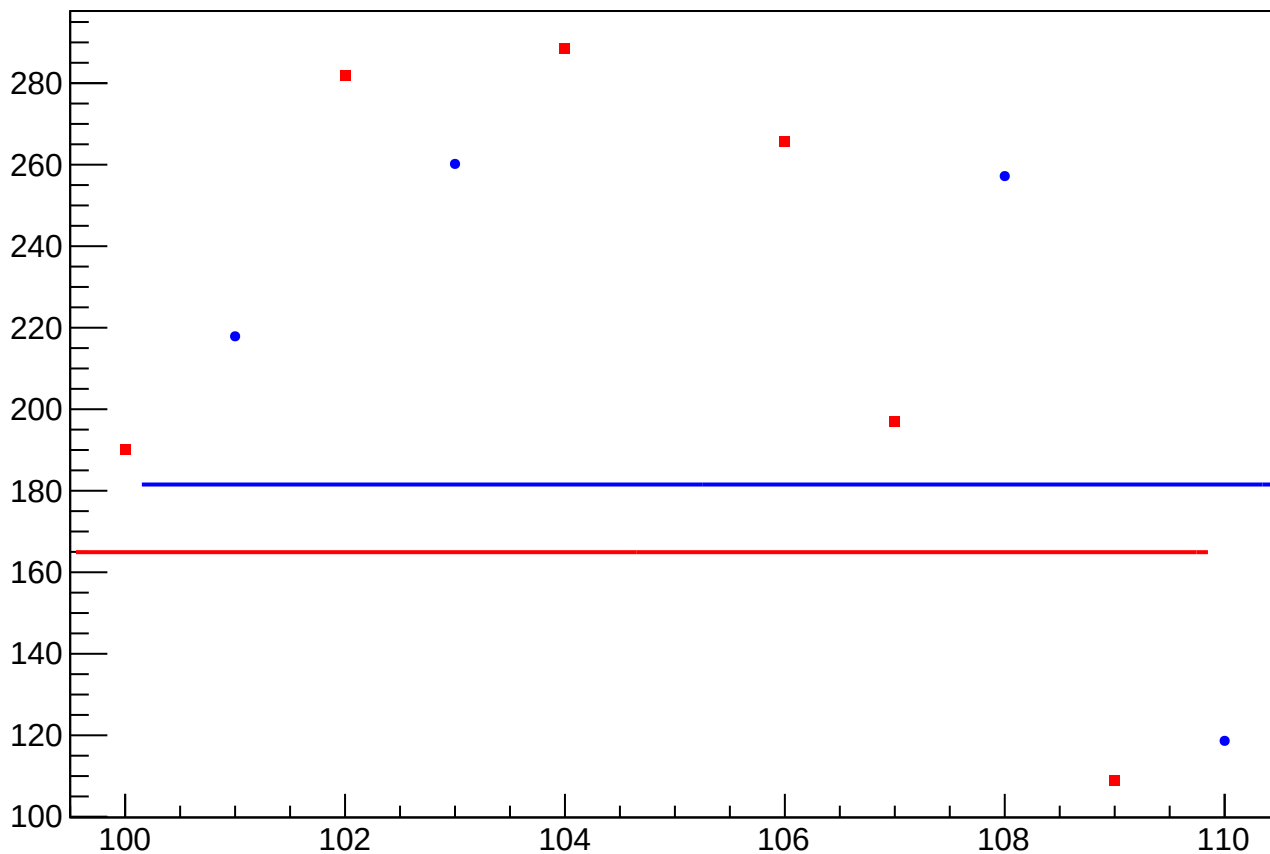
Right: -16.648+/-91.015 χ^2/NDF : 7.5/9

In: -73.513+/-136.522 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.648+/-91.015 χ^2/NDF : 7.5/9

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 181.531+/-0.097 χ^2/NDF : 413070.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.930+/-0.086 χ^2/NDF : 755935.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

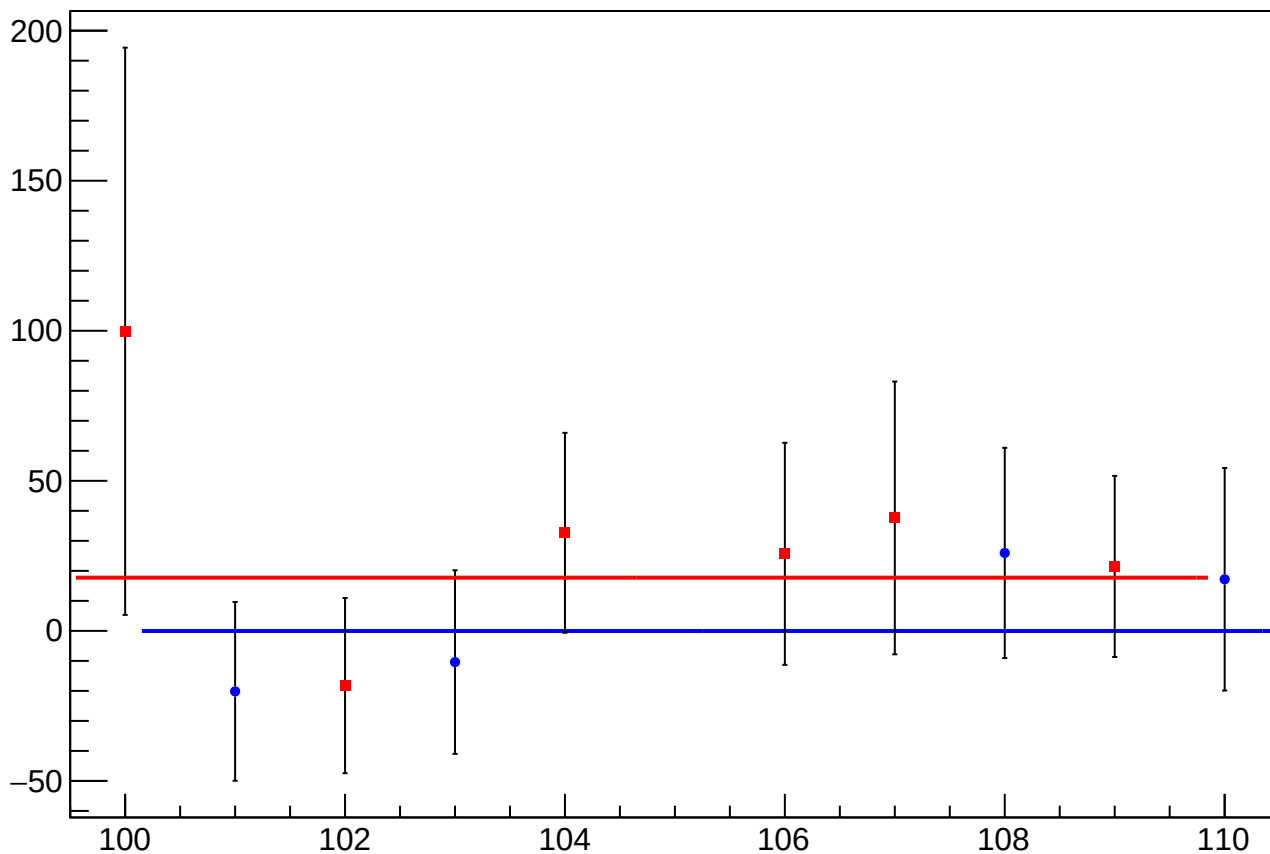
Right: 172.308+/-0.064 χ^2/NDF : 1185435.8/9

In: 181.531+/-0.097 χ^2/NDF : 413070.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.308+/-0.064 χ^2/NDF : 1185435.8/9

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: -0.037 $\pm$ 16.358 χ^2 /NDF: 1.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.732 $\pm$ 14.908 χ^2 /NDF: 2.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

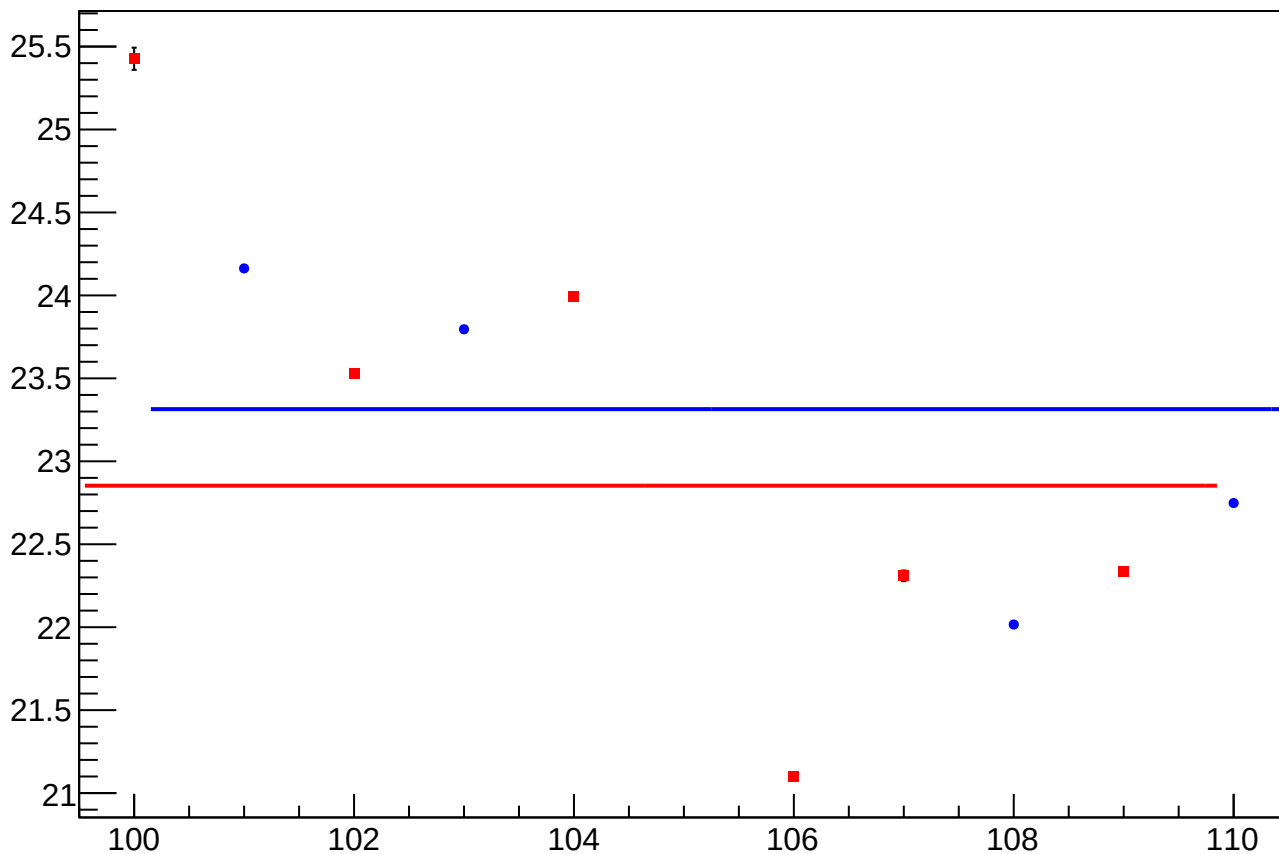
Right: 9.669 $\pm$ 11.018 χ^2 /NDF: 4.7/9

In: -0.037 $\pm$ 16.358 χ^2 /NDF:1.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.669 $\pm$ 11.018 χ^2 /NDF: 4.7/9

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 23.314+/-0.012 χ^2/NDF : 5330.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.853+/-0.011 χ^2/NDF : 10261.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

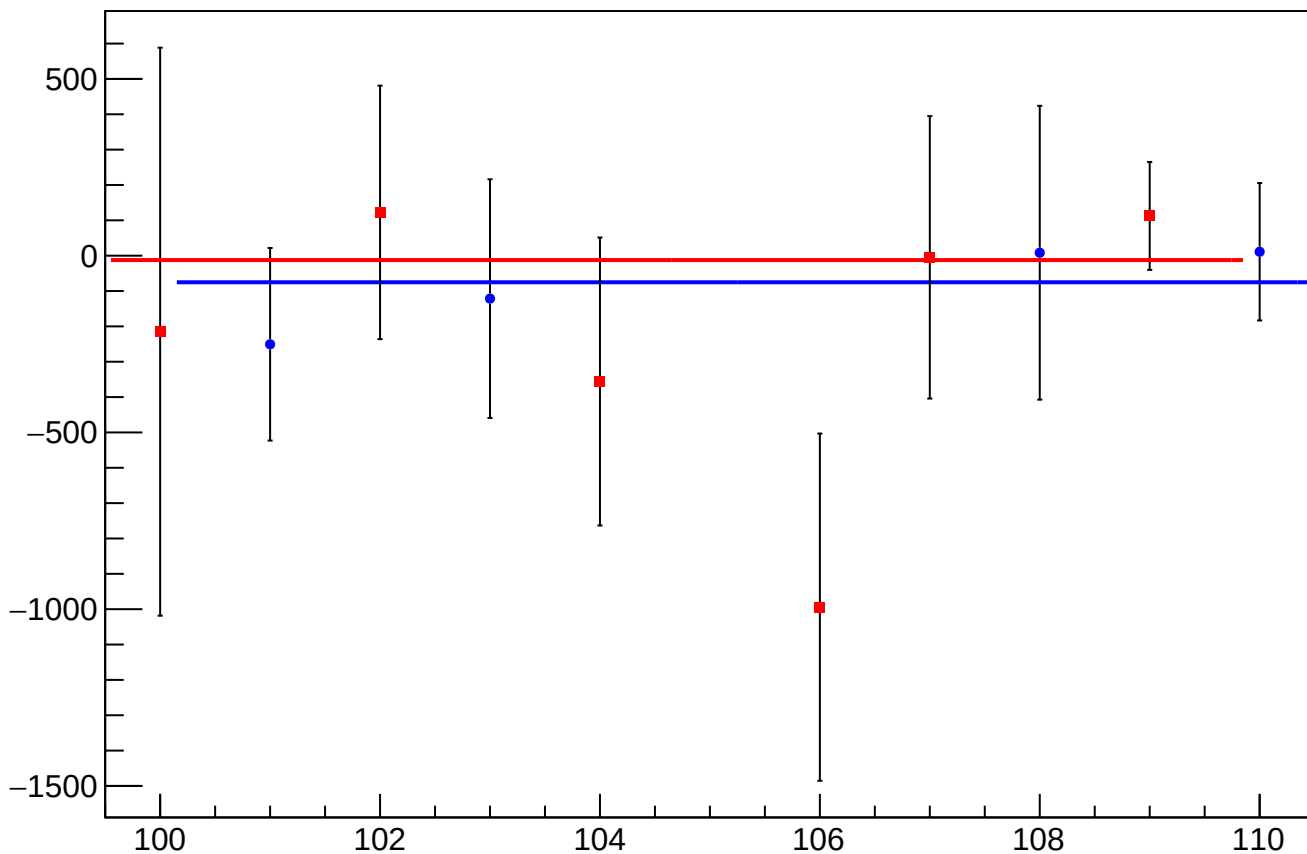
Right: 23.062+/-0.008 χ^2/NDF : 16461.3/9

In: 23.314+/-0.012 χ^2/NDF : 5330.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.062+/-0.008 χ^2/NDF : 16461.3/9

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -75.247+/-135.449 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.410+/-120.670 χ^2/NDF : 5.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

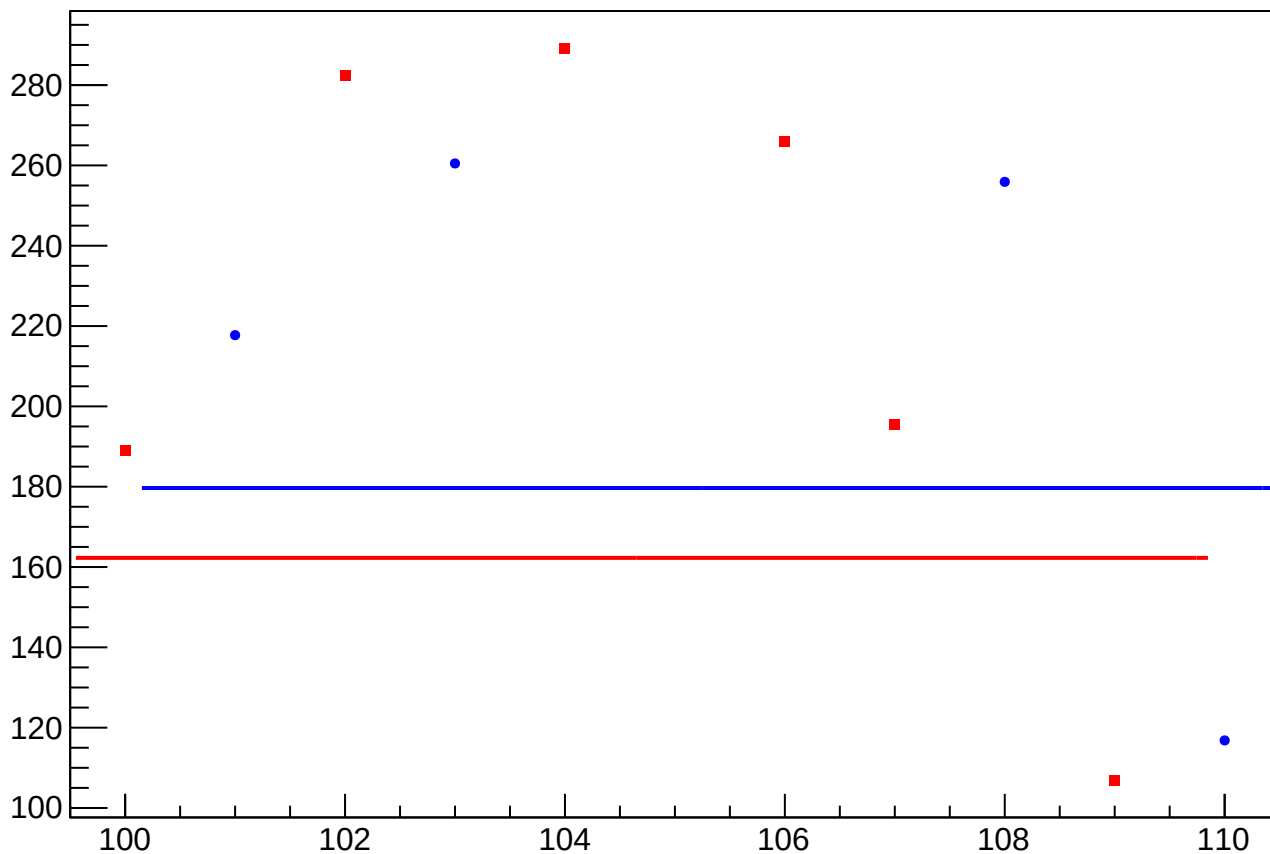
Right: -40.214+/-90.100 χ^2/NDF : 6.4/9

In: -75.247+/-135.449 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.214+/-90.100 χ^2/NDF : 6.4/9

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 179.670 $\pm$ 0.096 χ^2 /NDF: 430063.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 162.284 $\pm$ 0.085 χ^2 /NDF: 786530.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

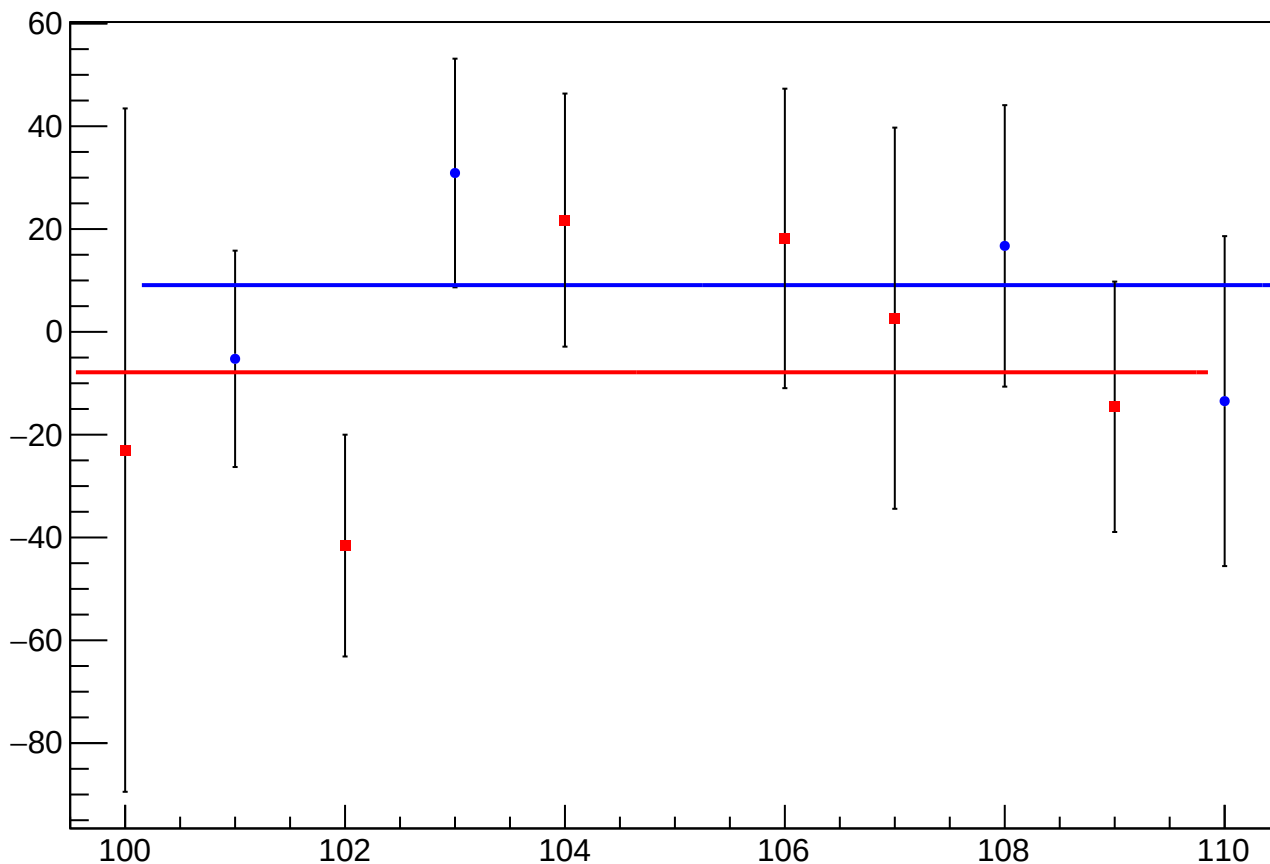
Right: 169.977 $\pm$ 0.064 χ^2 /NDF: 1234965.0/9

In: 179.670 $\pm$ 0.096 χ^2 /NDF: 430063.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 169.977 $\pm$ 0.064 χ^2 /NDF: 1234965.0/9

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 9.091 ± 12.324 $\chi^2/\text{NDF}: 2.0/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -7.862 ± 11.458 $\chi^2/\text{NDF}: 4.9/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

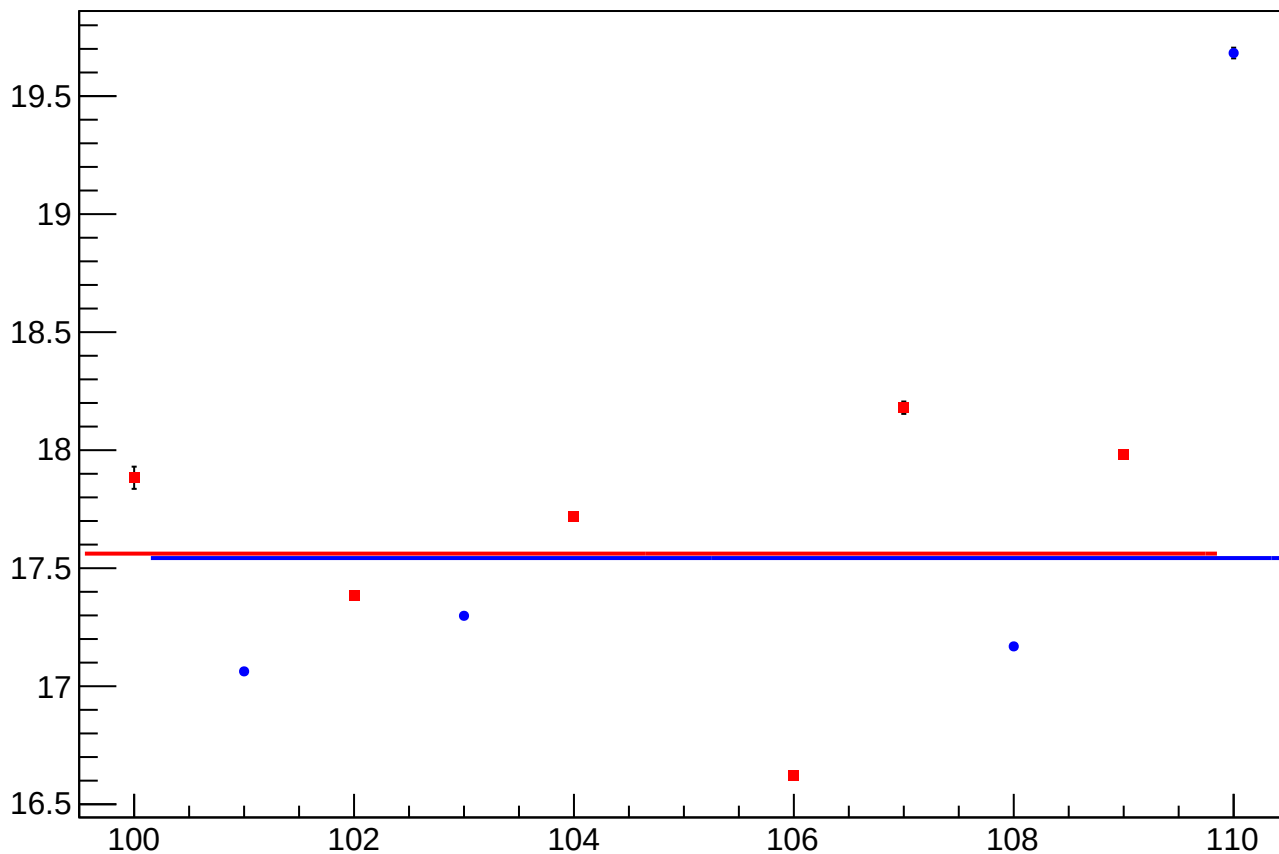
Right: -0.002 ± 8.391 $\chi^2/\text{NDF}: 7.9/9$

In: 9.091 ± 12.324 $\chi^2/\text{NDF}: 2.0/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.002 ± 8.391 $\chi^2/\text{NDF}: 7.9/9$

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.543+/-0.009 χ^2/NDF : 10544.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.562+/-0.008 χ^2/NDF : 3509.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

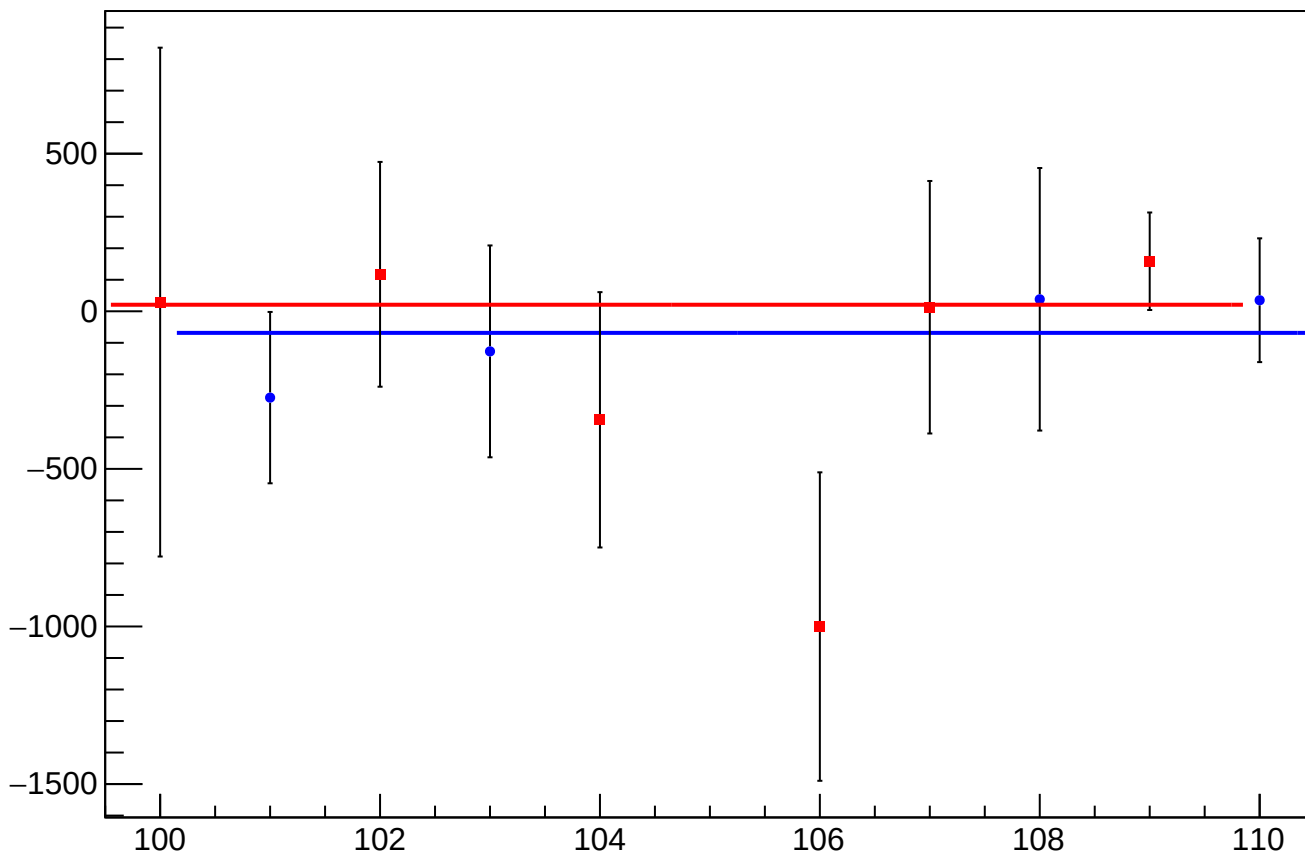
Right: 17.553+/-0.006 χ^2/NDF : 14056.7/9

In: 17.543+/-0.009 χ^2/NDF : 10544.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.553+/-0.006 χ^2/NDF : 14056.7/9

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -68.480 ± 135.972 χ^2/NDF : 0.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 20.774 ± 121.537 χ^2/NDF : 6.0/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

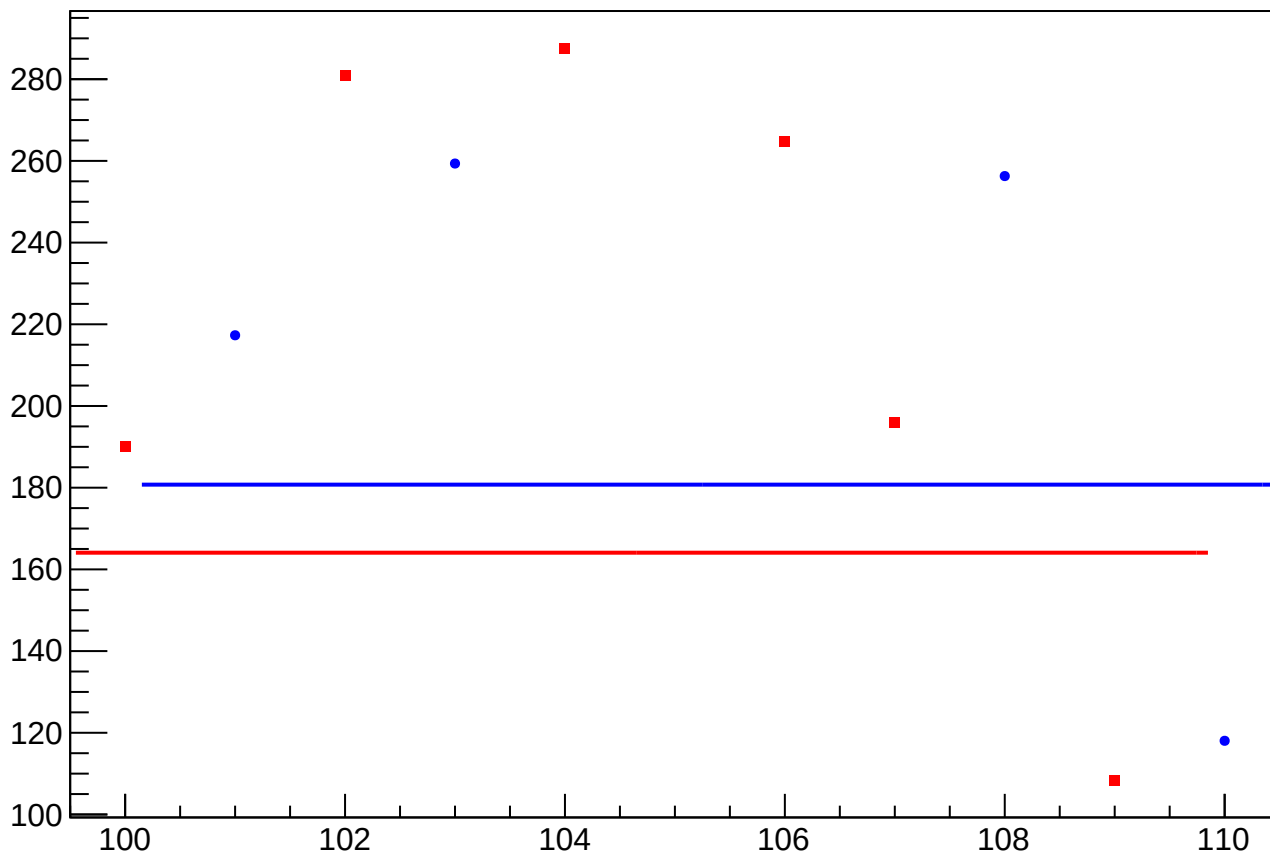
Right: -18.866 ± 90.615 χ^2/NDF : 7.2/9

In: -68.480 ± 135.972 χ^2/NDF : 0.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.866 ± 90.615 χ^2/NDF : 7.2/9

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 180.745+/-0.096 χ^2/NDF : 415366.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.086+/-0.086 χ^2/NDF : 758977.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

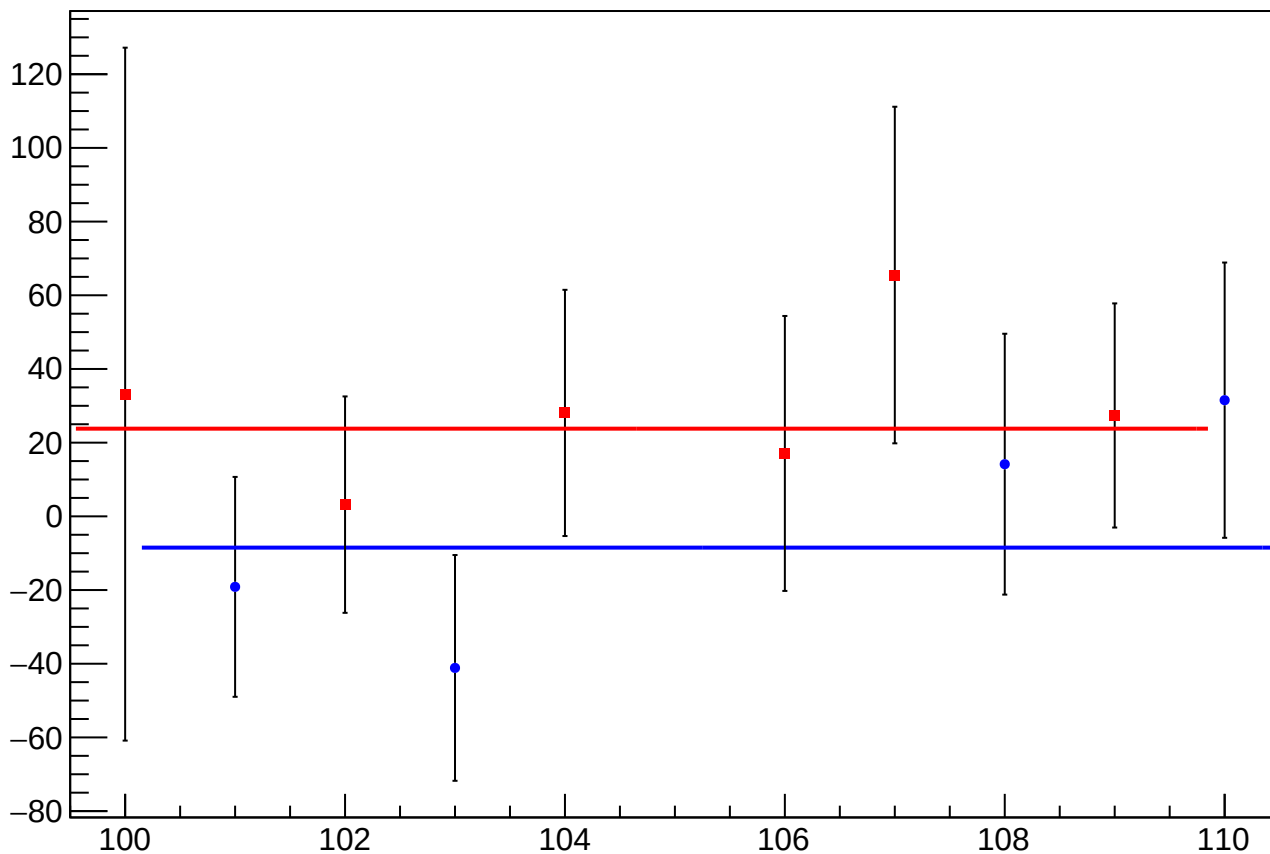
Right: 171.485+/-0.064 χ^2/NDF : 1191030.9/9

In: 180.745+/-0.096 χ^2/NDF : 415366.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.485+/-0.064 χ^2/NDF : 1191030.9/9

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -8.487 $\pm$ 16.433 χ^2 /NDF: 2.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.798 $\pm$ 14.996 χ^2 /NDF: 1.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

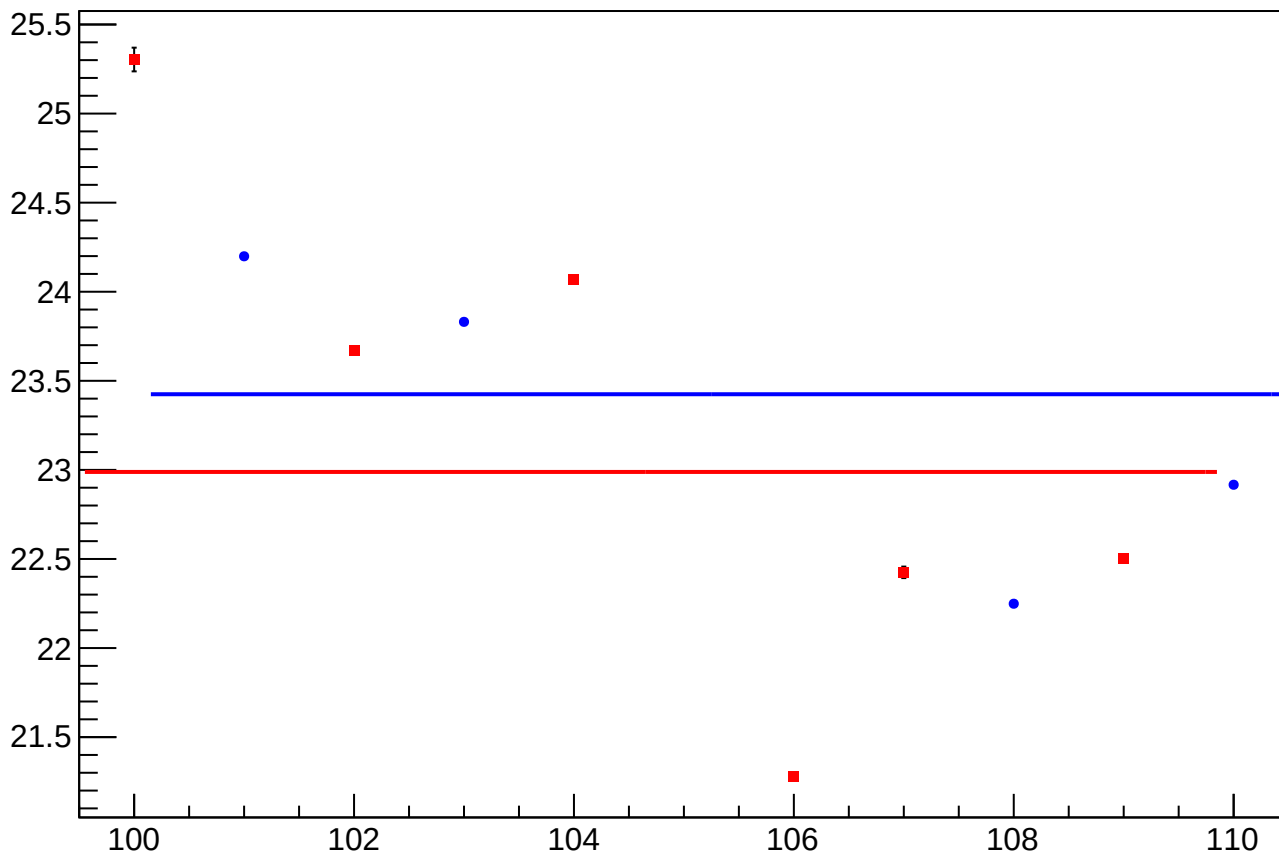
Right: 9.129 $\pm$ 11.077 χ^2 /NDF: 6.3/9

In: -8.487 $\pm$ 16.433 χ^2 /NDF: 2.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.129 $\pm$ 11.077 χ^2 /NDF: 6.3/9

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 23.425+/-0.012 χ^2/NDF : 4274.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.989+/-0.011 χ^2/NDF : 9376.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

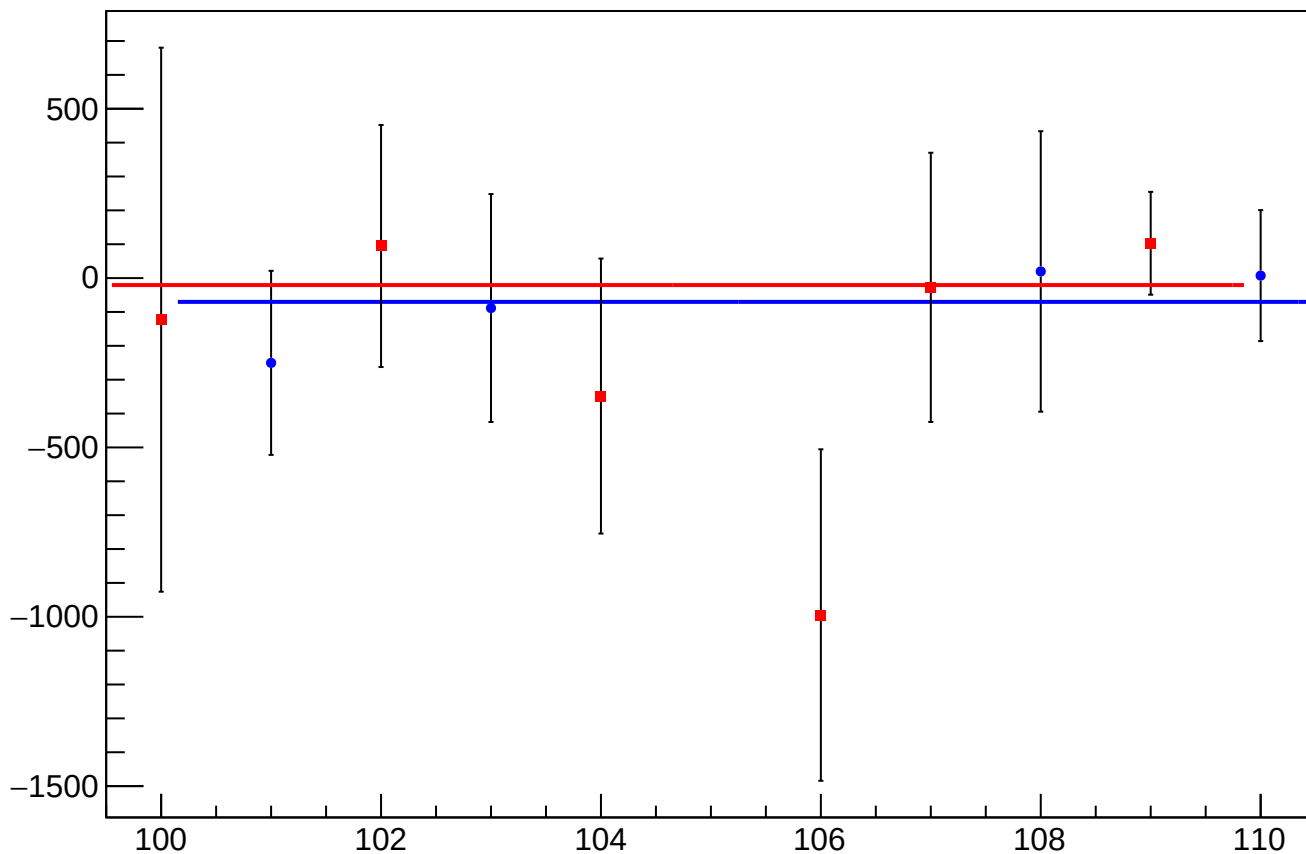
Right: 23.187+/-0.008 χ^2/NDF : 14420.1/9

In: 23.425+/-0.012 χ^2/NDF : 4274.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.187+/-0.008 χ^2/NDF : 14420.1/9

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -70.229+/-134.898 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.608+/-120.091 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

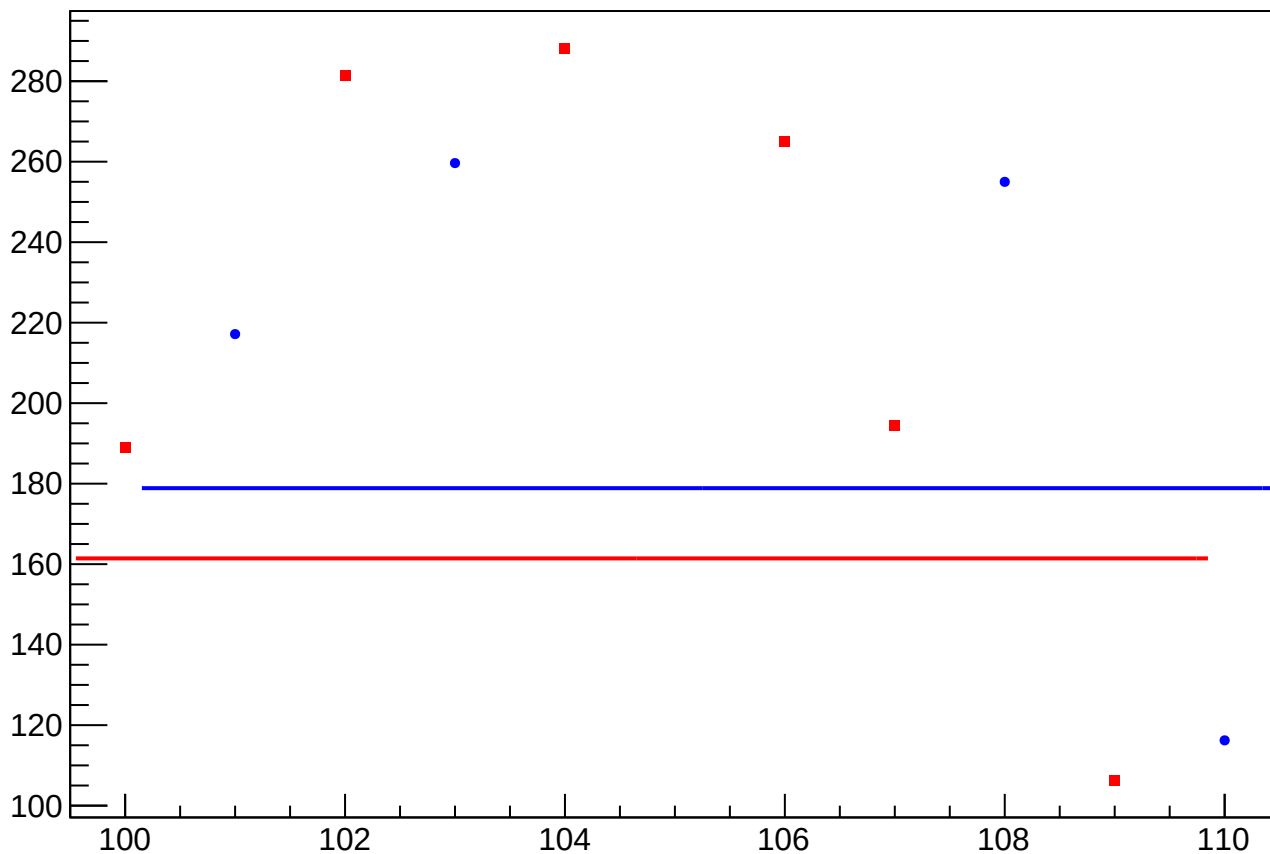
Right: -42.547+/-89.697 χ^2/NDF : 6.1/9

In: -70.229+/-134.898 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.547+/-89.697 χ^2/NDF : 6.1/9

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 178.882 $\pm$ 0.095 χ^2 /NDF: 432495.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 161.432 $\pm$ 0.085 χ^2 /NDF: 789815.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

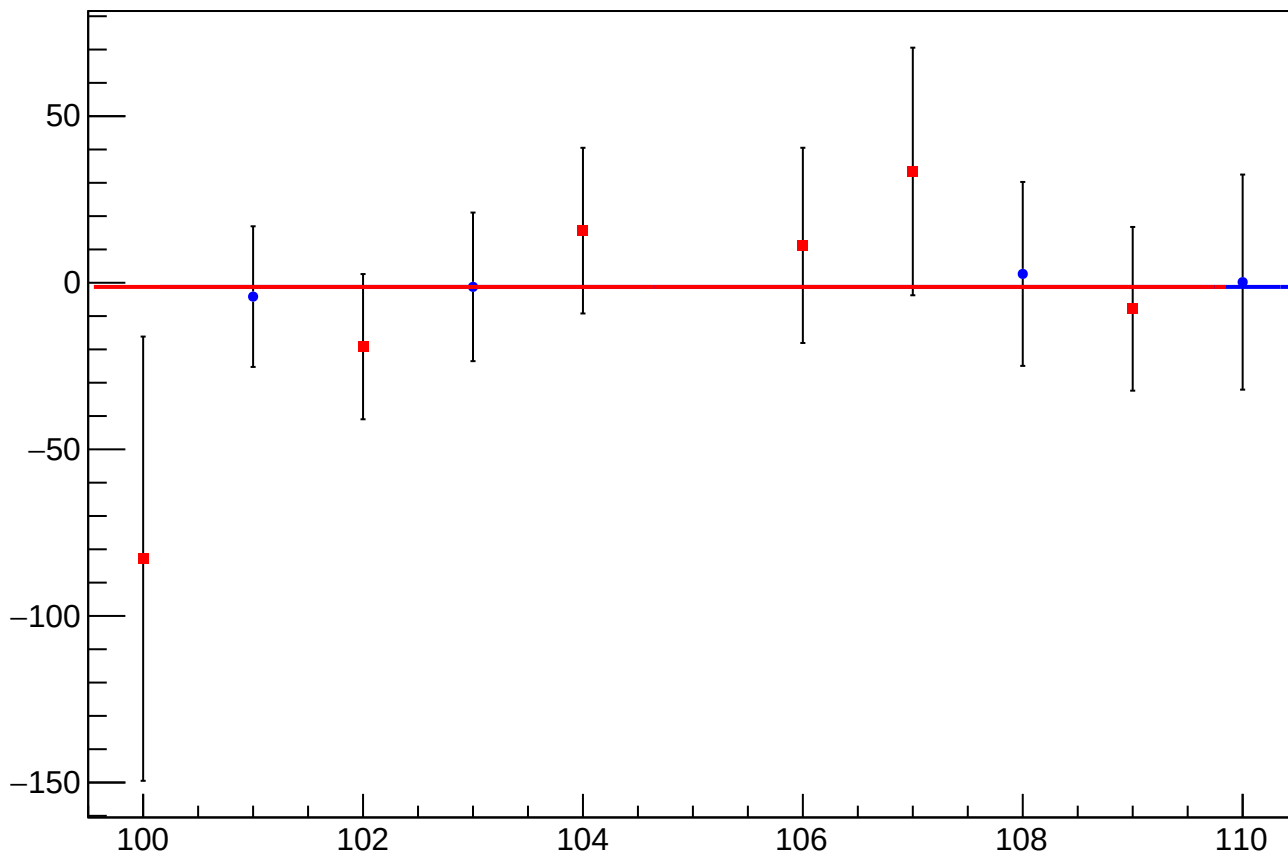
Right: 169.147 $\pm$ 0.063 χ^2 /NDF: 1240980.4/9

In: 178.882 $\pm$ 0.095 χ^2 /NDF:432495.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 169.147 $\pm$ 0.063 χ^2 /NDF: 1240980.4/9

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -1.244 ± 12.377 $\chi^2/\text{NDF}: 0.0/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.252 ± 11.552 $\chi^2/\text{NDF}: 3.8/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

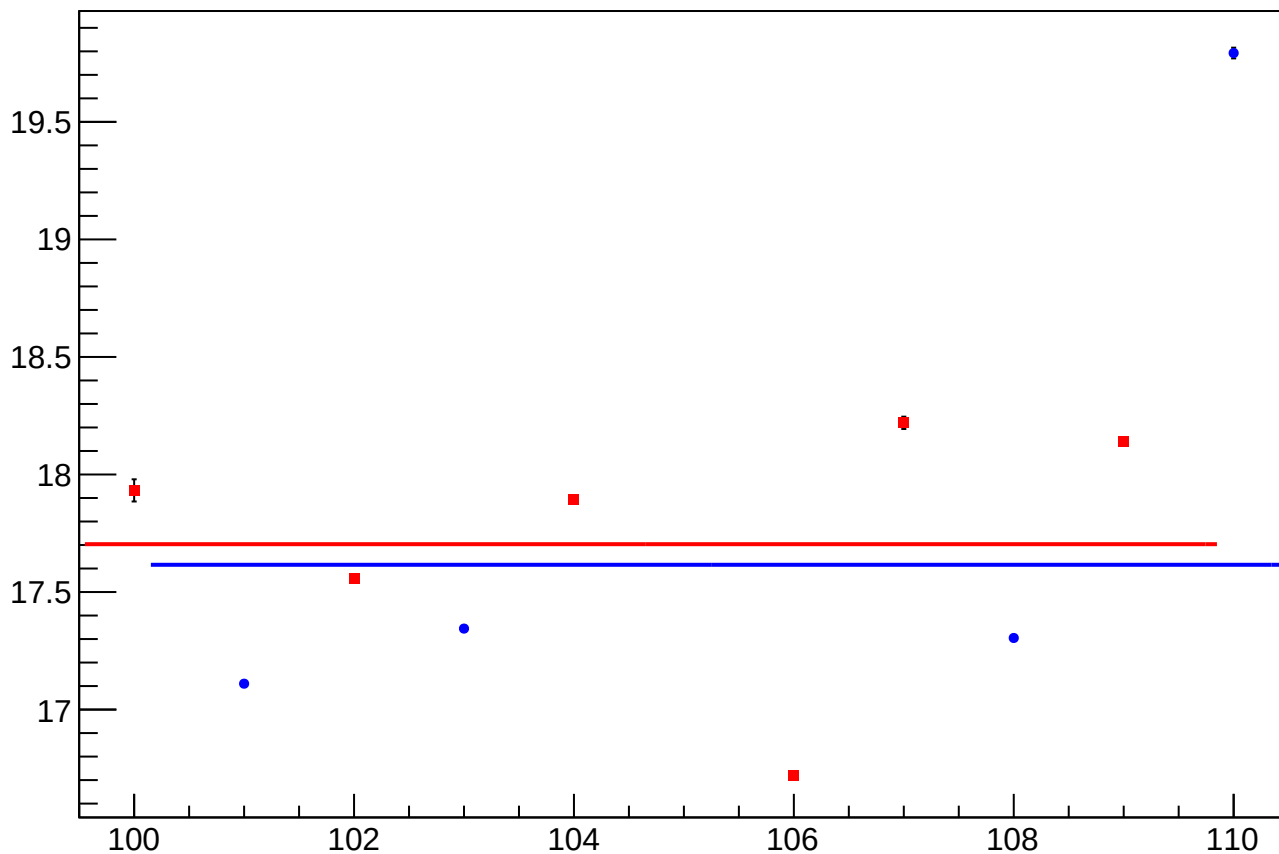
Right: -1.248 ± 8.445 $\chi^2/\text{NDF}: 3.8/9$

In: -1.244 ± 12.377 $\chi^2/\text{NDF}: 0.0/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.248 ± 8.445 $\chi^2/\text{NDF}: 3.8/9$

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.616+/-0.009 χ^2/NDF : 10796.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.704+/-0.008 χ^2/NDF : 3519.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

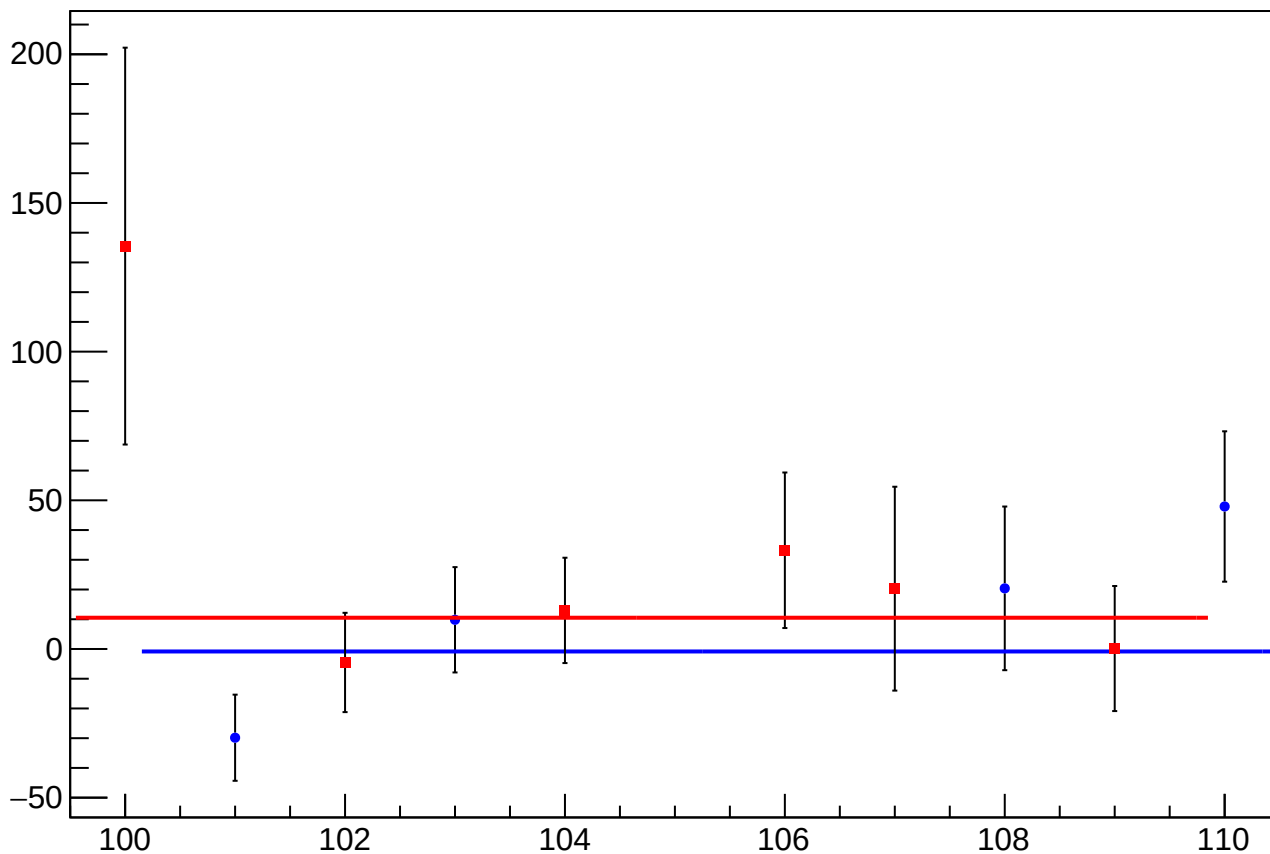
Right: 17.663+/-0.006 χ^2/NDF : 14370.1/9

In: 17.616+/-0.009 χ^2/NDF : 10796.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.663+/-0.006 χ^2/NDF : 14370.1/9

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -0.835+/-9.606 χ^2/NDF : 8.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 10.512+/-9.295 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

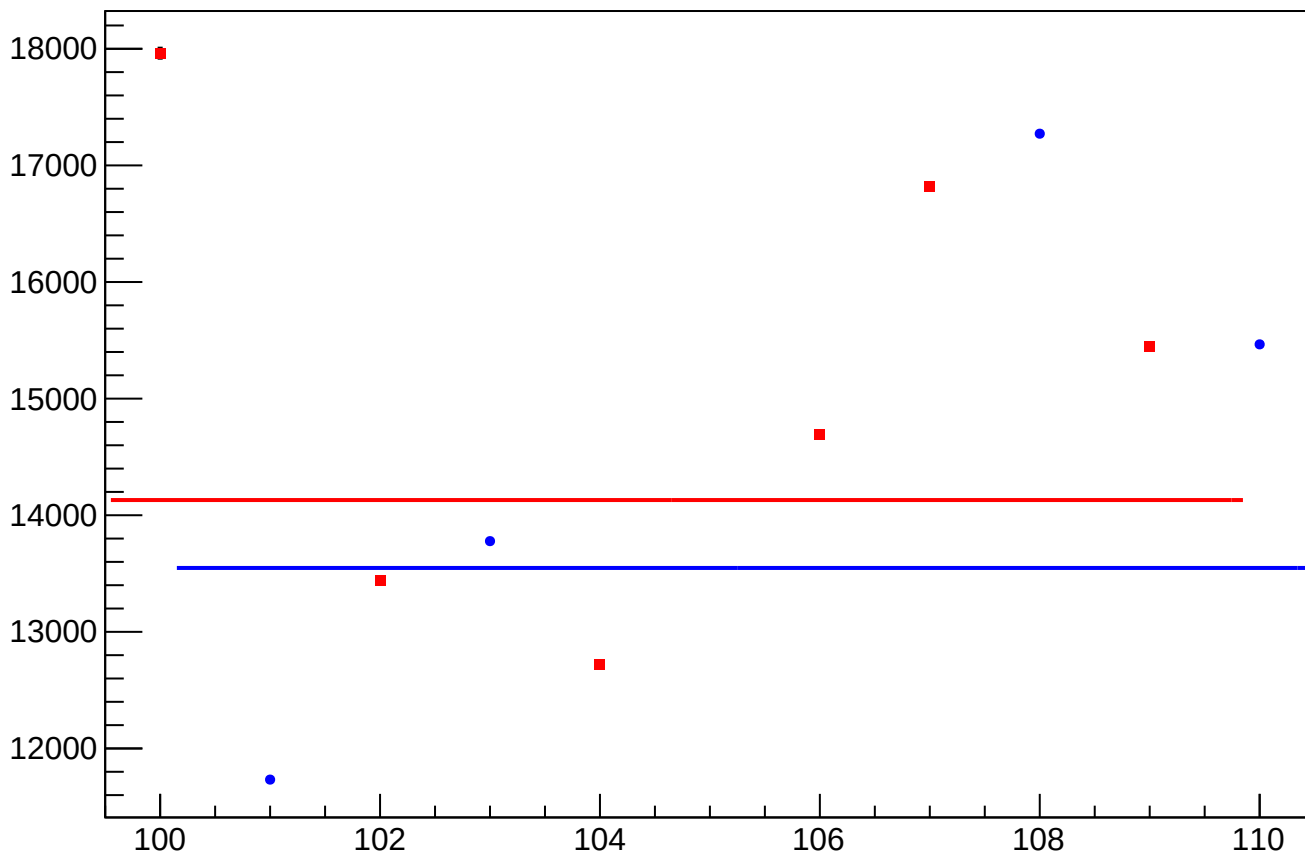
Right: 5.025+/-6.680 χ^2/NDF : 14.8/9

In: -0.835+/-9.606 χ^2/NDF :8.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5.025+/-6.680 χ^2/NDF : 14.8/9

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 13547.990+/-6.793 χ^2/NDF : 79857.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14130.322+/-6.573 χ^2/NDF : 43737.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

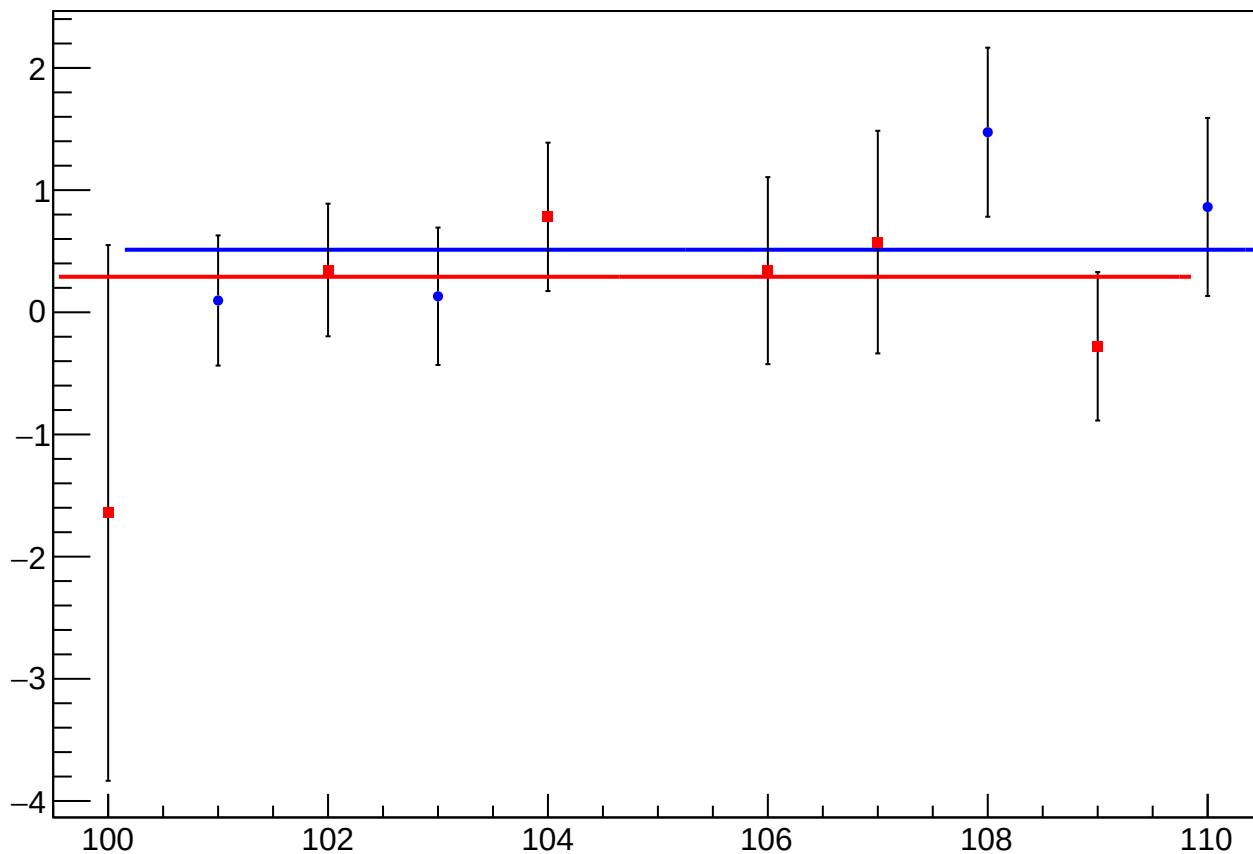
Right: 13848.726+/-4.723 χ^2/NDF : 127390.1/9

In: 13547.990+/-6.793 χ^2/NDF : 79857.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13848.726+/-4.723 χ^2/NDF : 127390.1/9

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.512 $\pm$ 0.306 χ^2 /NDF: 3.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.291 $\pm$ 0.289 χ^2 /NDF: 2.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

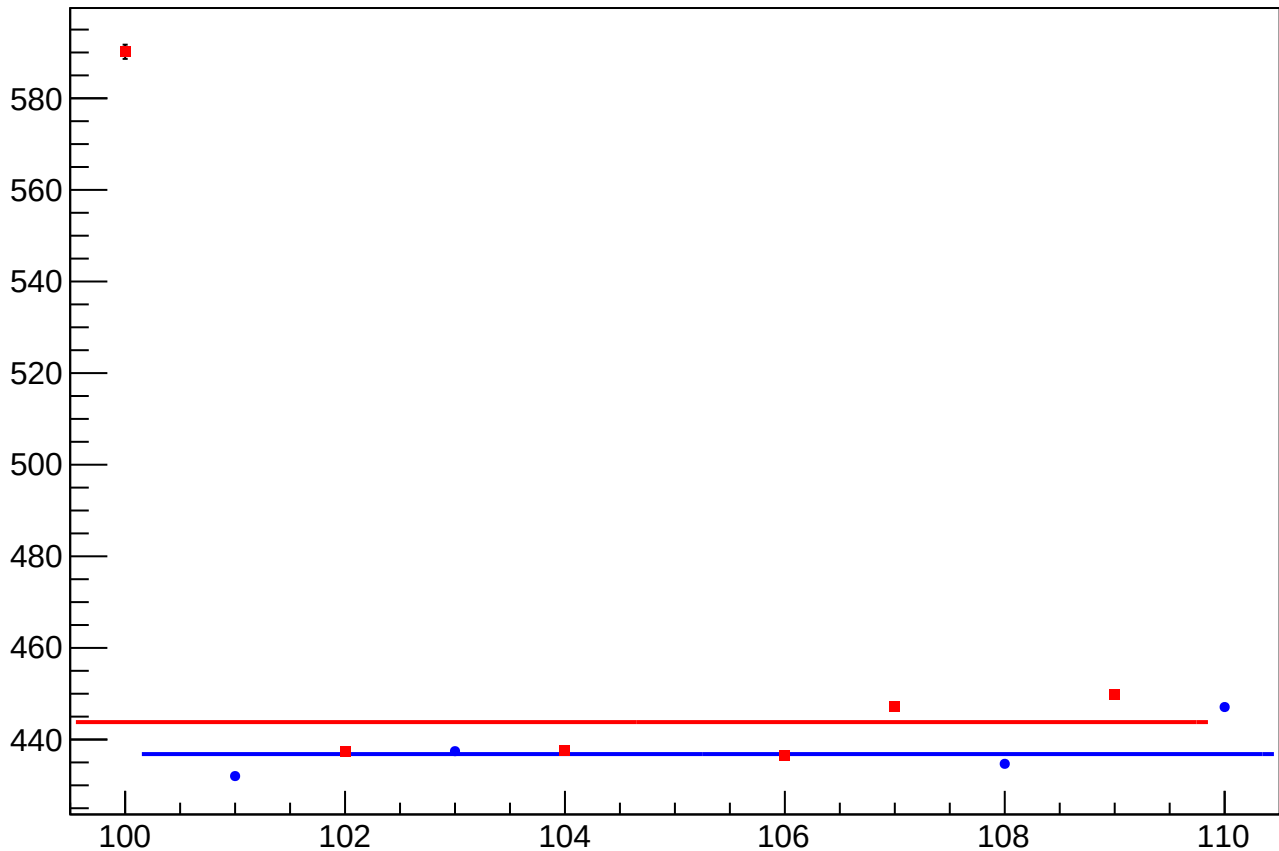
Right: 0.395 $\pm$ 0.210 χ^2 /NDF: 5.9/9

In: 0.512 $\pm$ 0.306 χ^2 /NDF: 3.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.395 $\pm$ 0.210 χ^2 /NDF: 5.9/9

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 436.822 $\pm$ 0.217 χ^2 /NDF: 581.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 443.804 $\pm$ 0.205 χ^2 /NDF: 9791.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

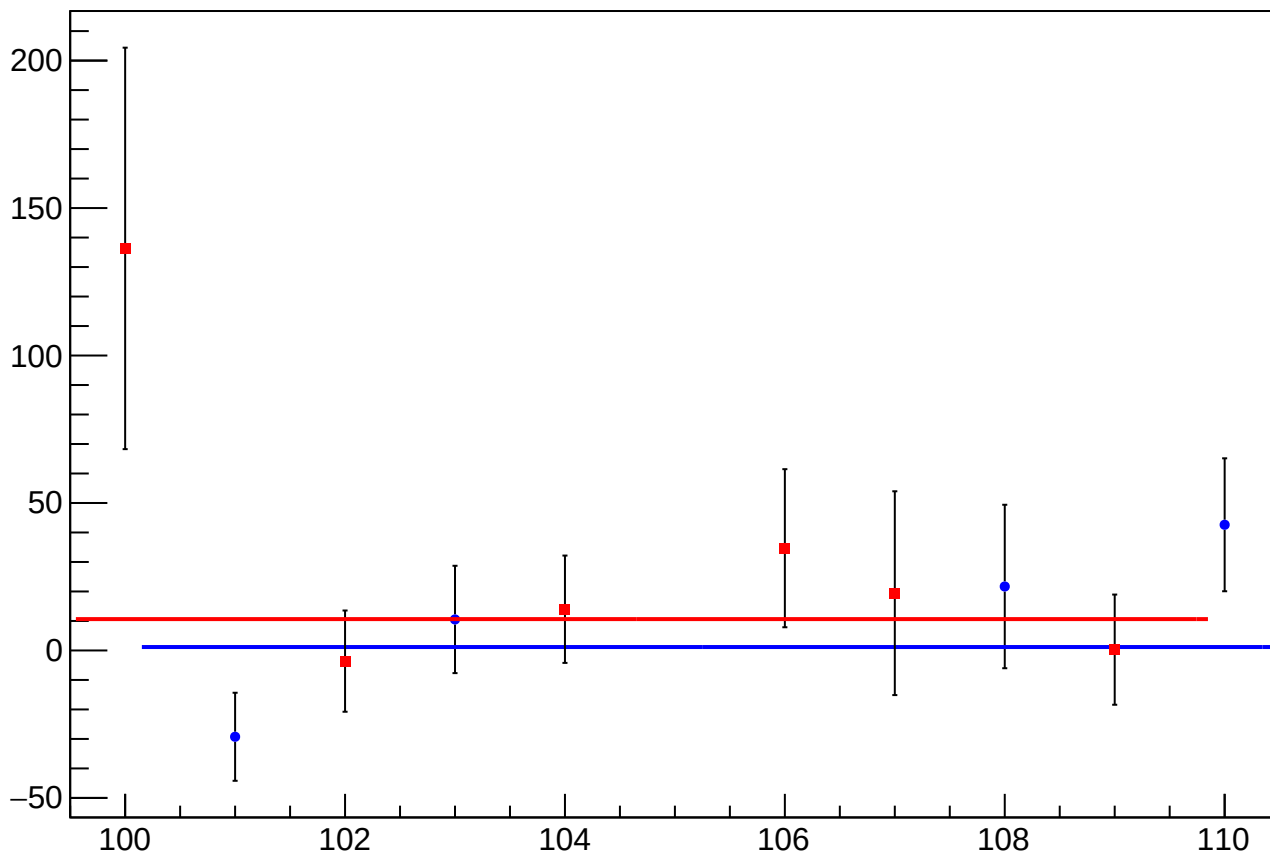
Right: 440.511 $\pm$ 0.149 χ^2 /NDF: 10921.1/9

In: 436.822 $\pm$ 0.217 χ^2 /NDF:581.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 440.511 $\pm$ 0.149 χ^2 /NDF: 10921.1/9

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: 1.162+/-9.631 χ^2/NDF : 8.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.632+/-9.234 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

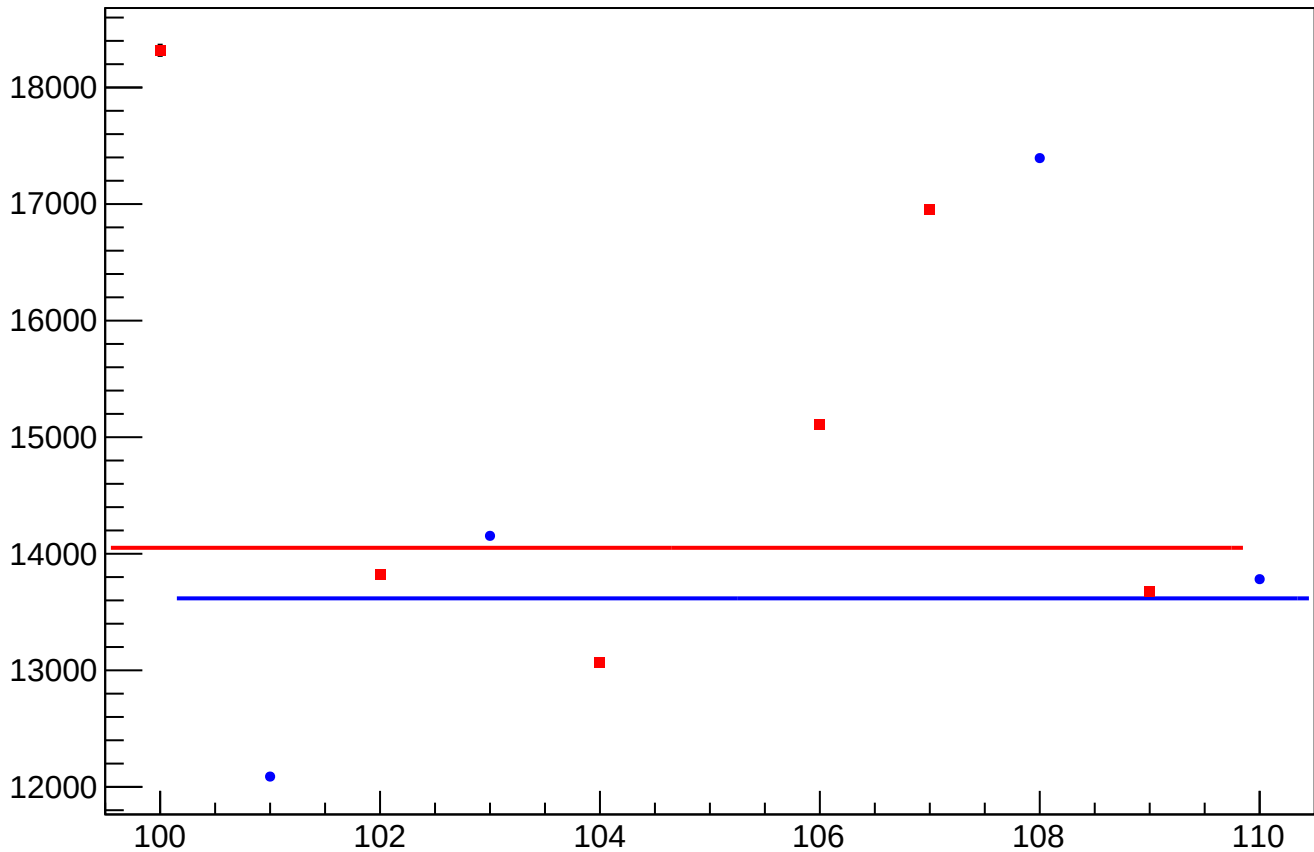
Right: 6.096+/-6.666 χ^2/NDF : 14.2/9

In: 1.162+/-9.631 χ^2/NDF : 8.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.096+/-6.666 χ^2/NDF : 14.2/9

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 13617.468 $\pm$ 6.810 χ^2 /NDF: 59974.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14051.165 $\pm$ 6.530 χ^2 /NDF: 32034.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

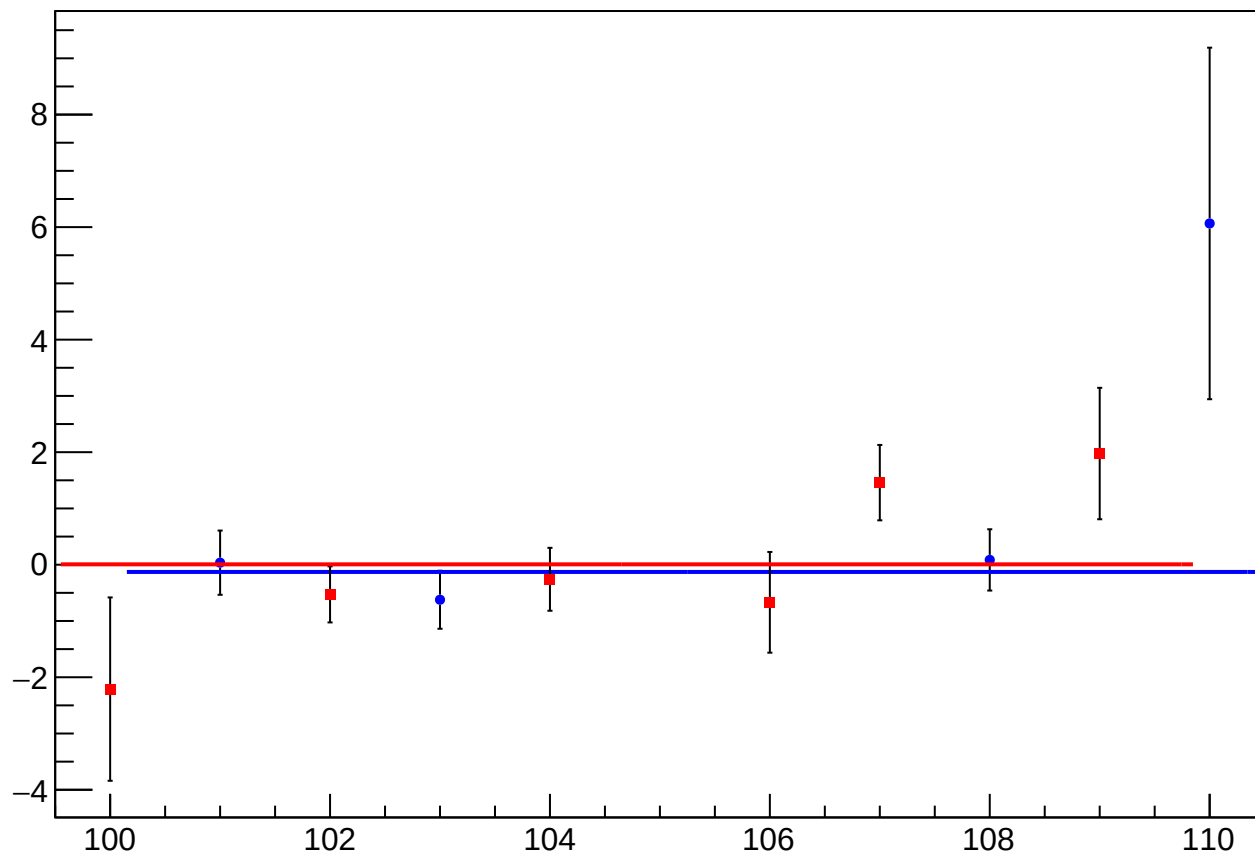
Right: 13843.437 $\pm$ 4.713 χ^2 /NDF: 94121.8/9

In: 13617.468 $\pm$ 6.810 χ^2 /NDF:59974.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13843.437 $\pm$ 4.713 χ^2 /NDF: 94121.8/9

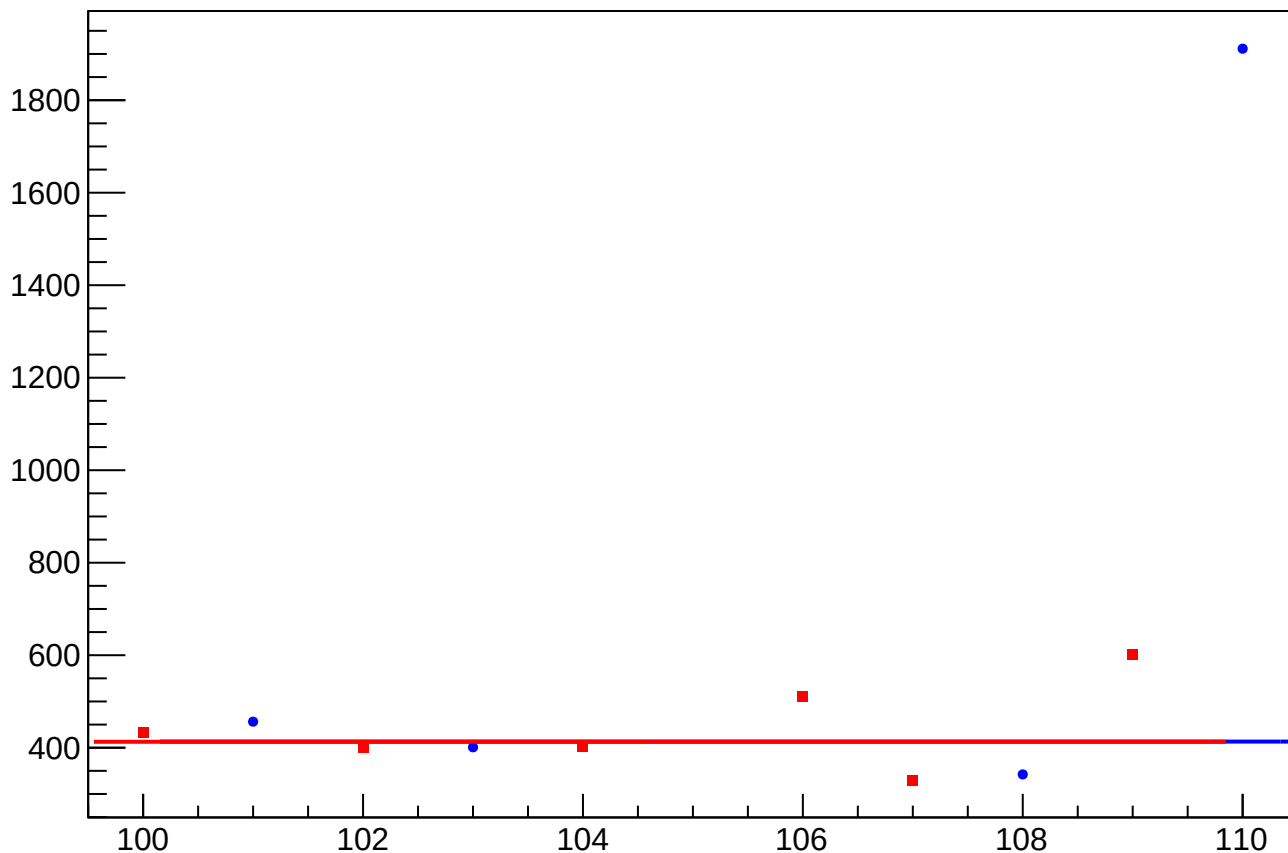
diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.128 $\pm$ 0.311 χ^2 /NDF: 5.1/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.007 $\pm$ 0.291 χ^2 /NDF: 11.3/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.056 $\pm$ 0.213 χ^2 /NDF: 16.5/9
 In: -0.128 $\pm$ 0.311 χ^2 /NDF:5.1/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.056 $\pm$ 0.213 χ^2 /NDF: 16.5/9

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 413.255+/-0.220 χ^2/NDF : 506438.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 412.860+/-0.206 χ^2/NDF : 109404.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

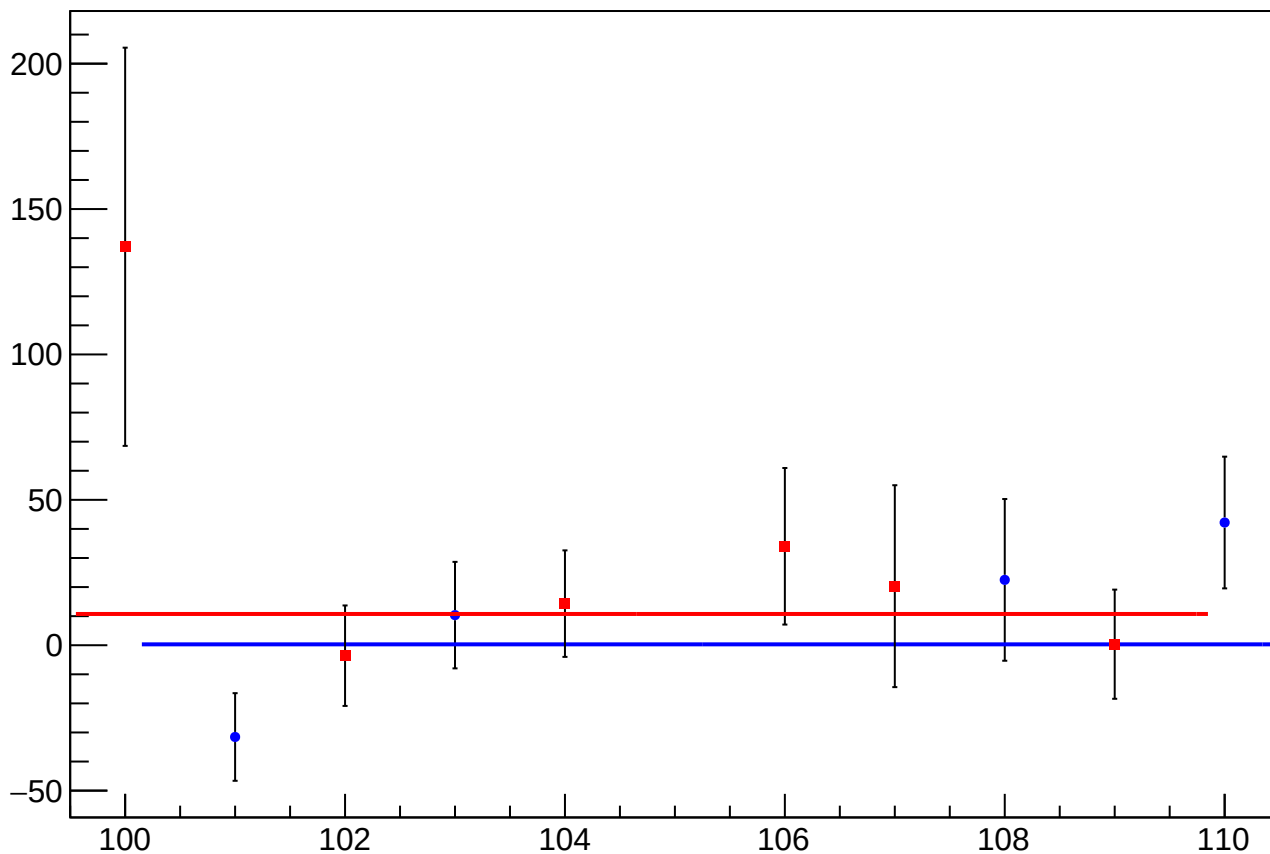
Right: 413.044+/-0.150 χ^2/NDF : 615844.8/9

In: 413.255+/-0.220 χ^2/NDF : 506438.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 413.044+/-0.150 χ^2/NDF : 615844.8/9

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: 0.305+/-9.700 χ^2/NDF : 8.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.750+/-9.288 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

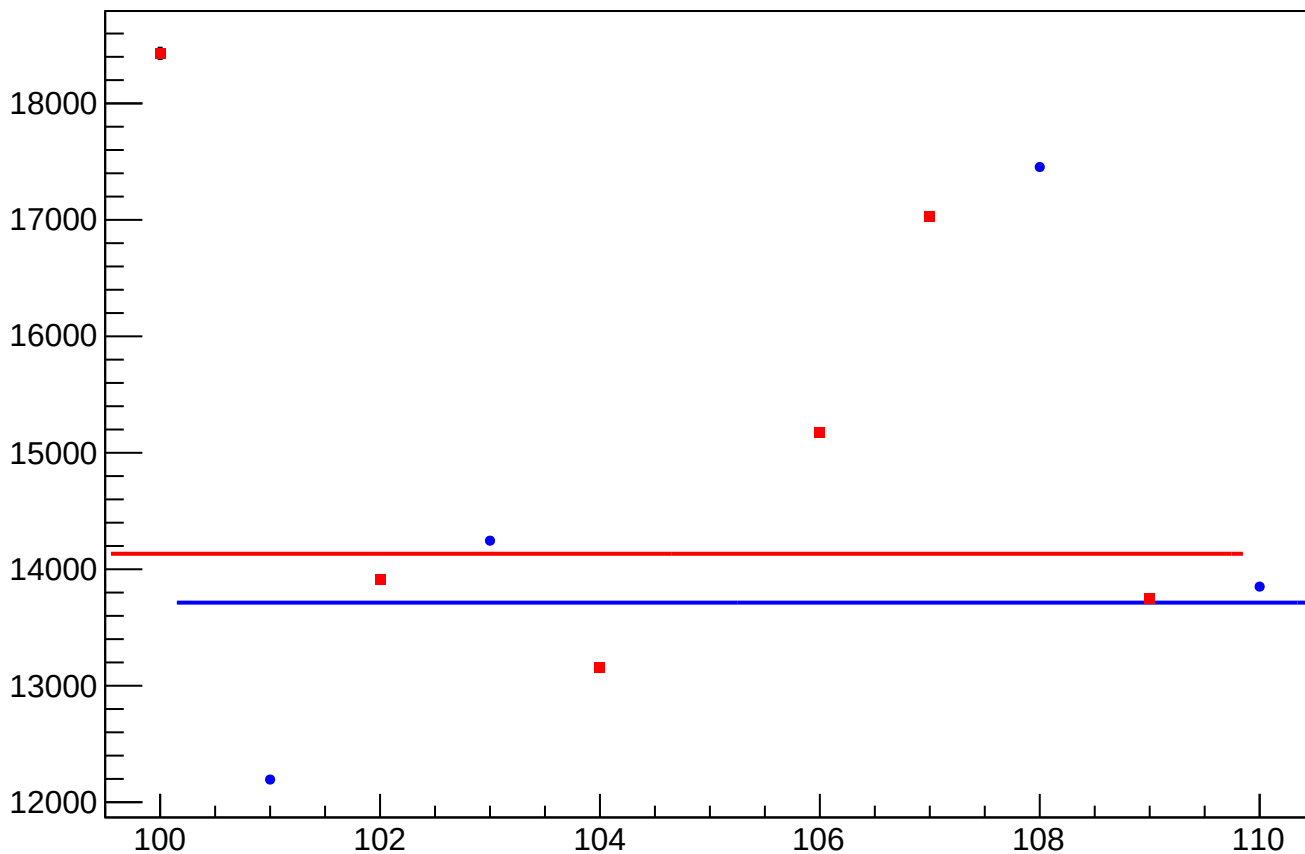
Right: 5.754+/-6.708 χ^2/NDF : 14.7/9

In: 0.305+/-9.700 χ^2/NDF : 8.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.754+/-6.708 χ^2/NDF : 14.7/9

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13713.608+/-6.859 χ^2/NDF : 58273.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14133.041+/-6.568 χ^2/NDF : 31701.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

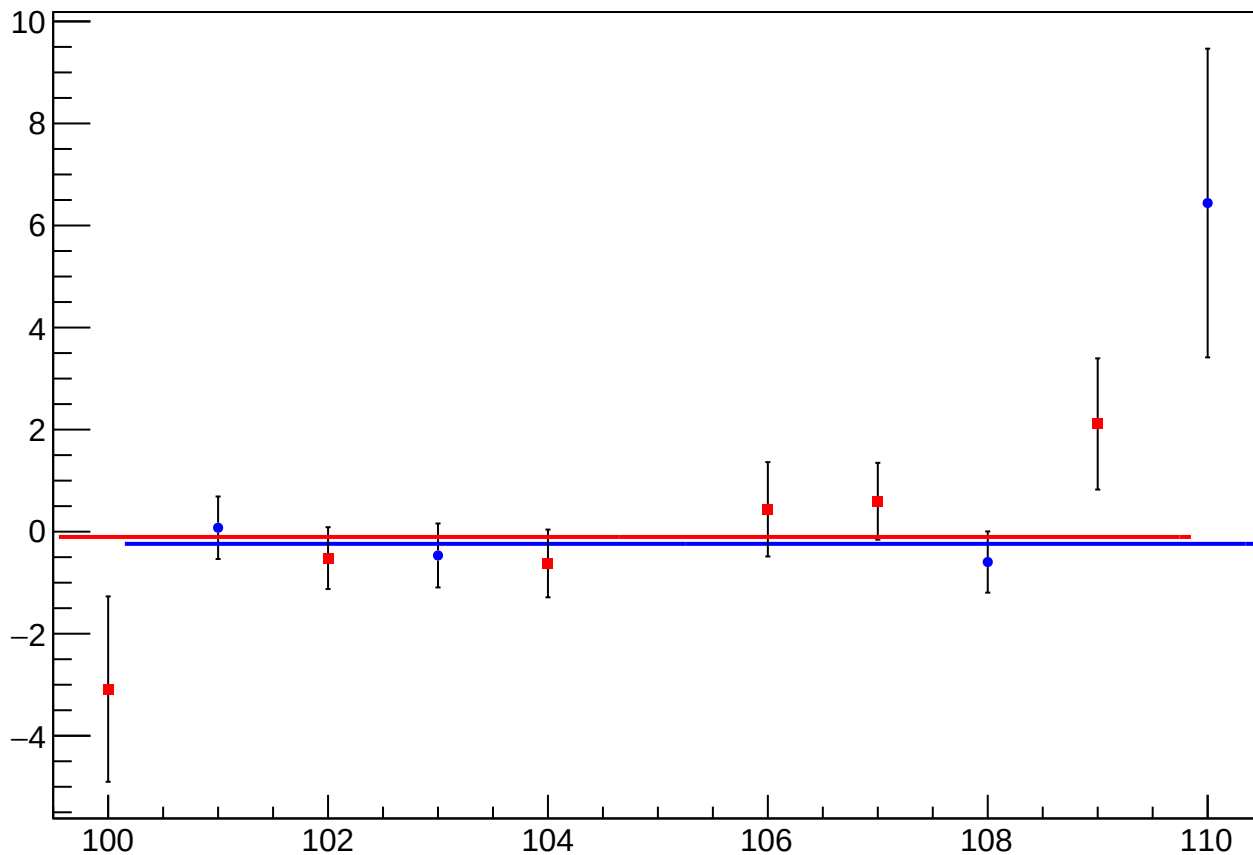
Right: 13932.420+/-4.744 χ^2/NDF : 91926.1/9

In: 13713.608+/-6.859 χ^2/NDF : 58273.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13932.420+/-4.744 χ^2/NDF : 91926.1/9

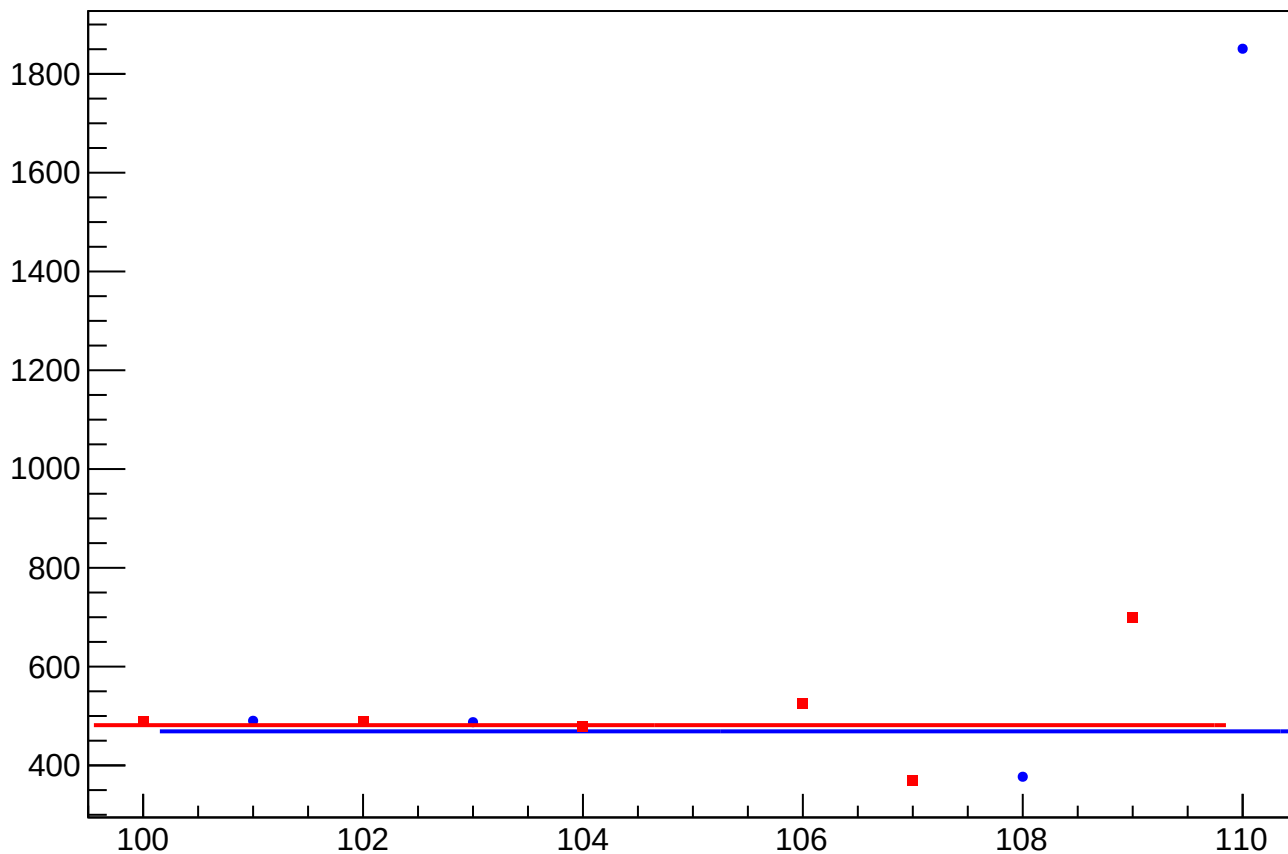
diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.239 $\pm$ 0.351 χ^2 /NDF: 5.6/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.104 $\pm$ 0.336 χ^2 /NDF: 7.9/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.168 $\pm$ 0.243 χ^2 /NDF: 13.7/9
 In: -0.239 $\pm$ 0.351 χ^2 /NDF:5.6/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.168 $\pm$ 0.243 χ^2 /NDF: 13.7/9

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 468.939+/-0.248 χ^2/NDF : 468579.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 481.456+/-0.238 χ^2/NDF : 107173.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

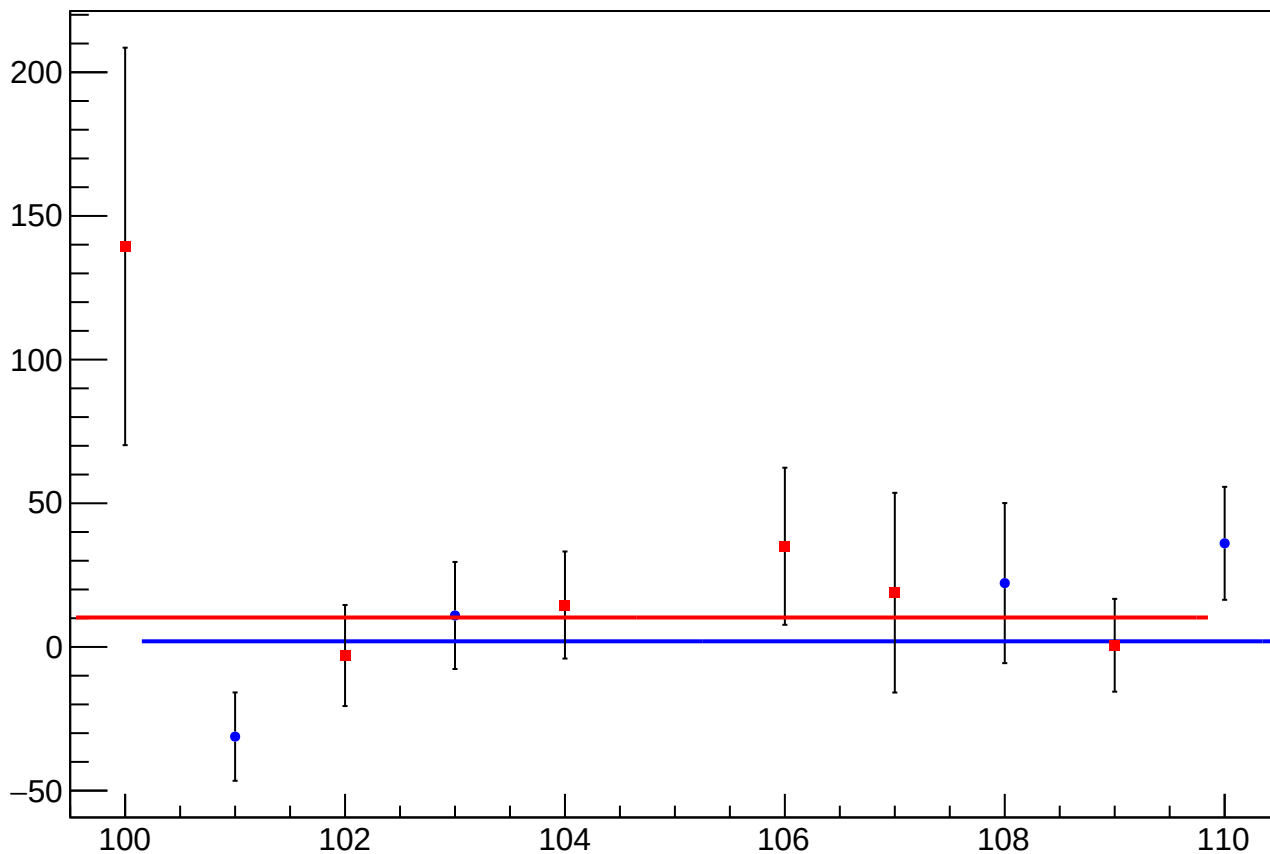
Right: 475.470+/-0.172 χ^2/NDF : 577077.0/9

In: 468.939+/-0.248 χ^2/NDF : 468579.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.470+/-0.172 χ^2/NDF : 577077.0/9

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: 1.963+/-9.541 χ^2/NDF : 8.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.251+/-9.009 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

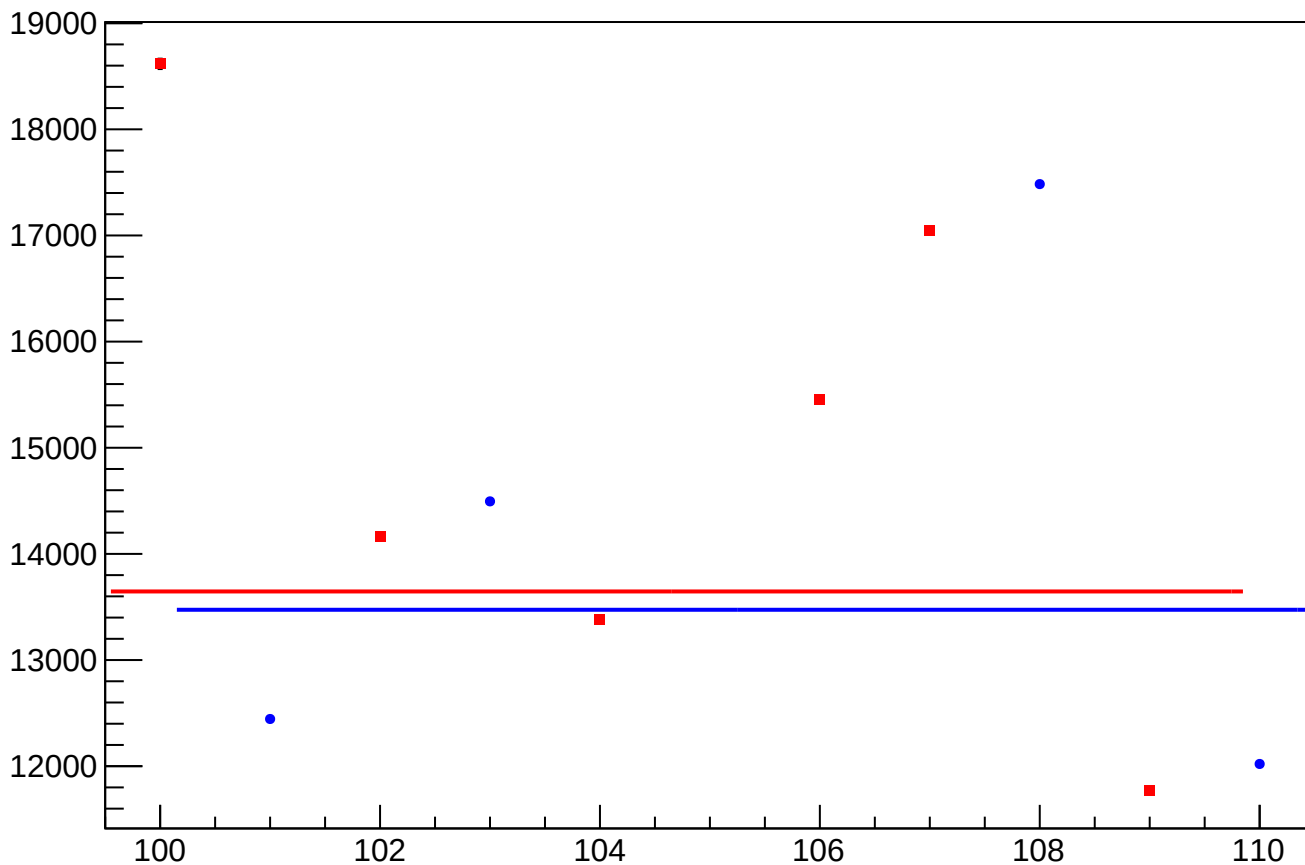
Right: 6.344+/-6.550 χ^2/NDF : 14.2/9

In: 1.963+/-9.541 χ^2/NDF : 8.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.344+/-6.550 χ^2/NDF : 14.2/9

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13473.571+/-6.746 χ^2/NDF : 67340.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13646.152+/-6.370 χ^2/NDF : 67349.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

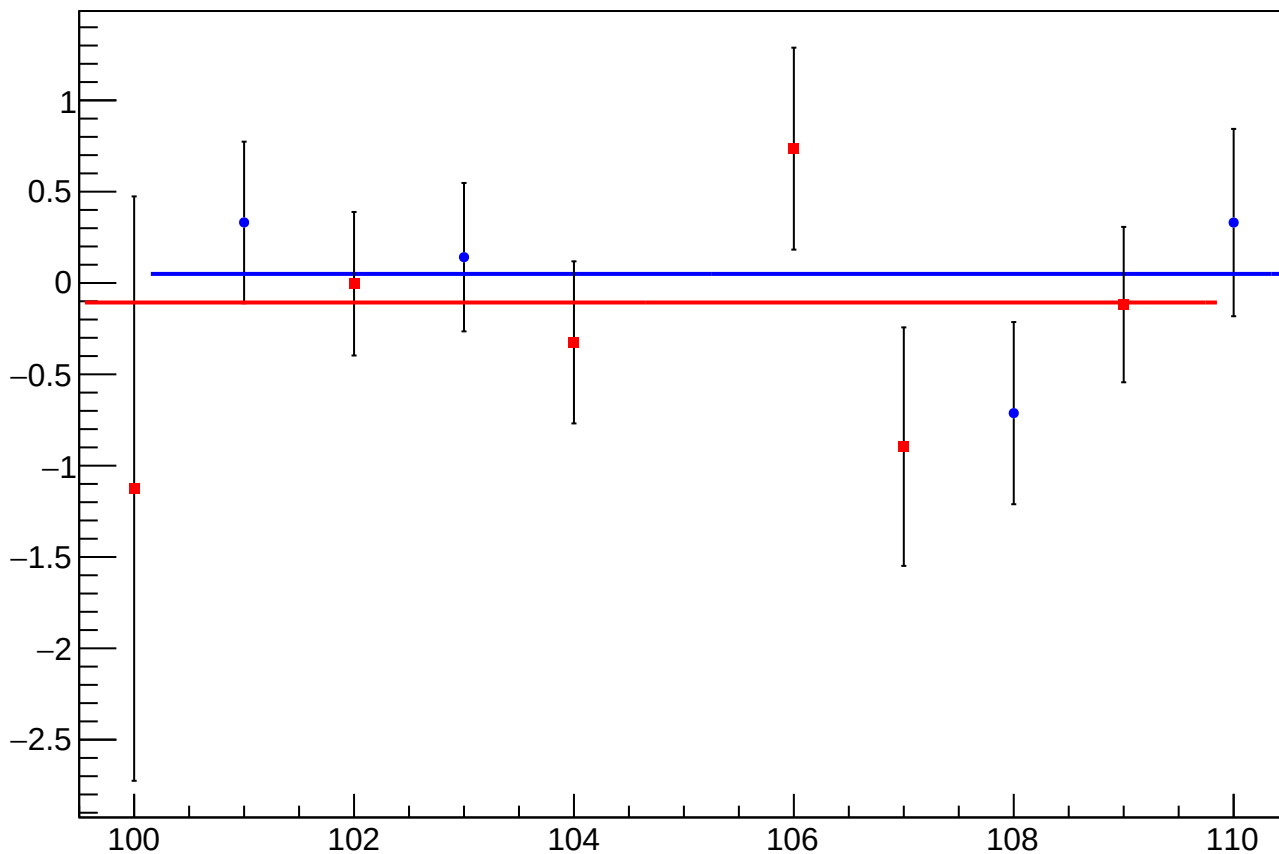
Right: 13564.803+/-4.632 χ^2/NDF : 135036.1/9

In: 13473.571+/-6.746 χ^2/NDF : 67340.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13564.803+/-4.632 χ^2/NDF : 135036.1/9

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: 0.050 $\pm$ 0.229 χ^2 /NDF: 3.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.107 $\pm$ 0.208 χ^2 /NDF: 4.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

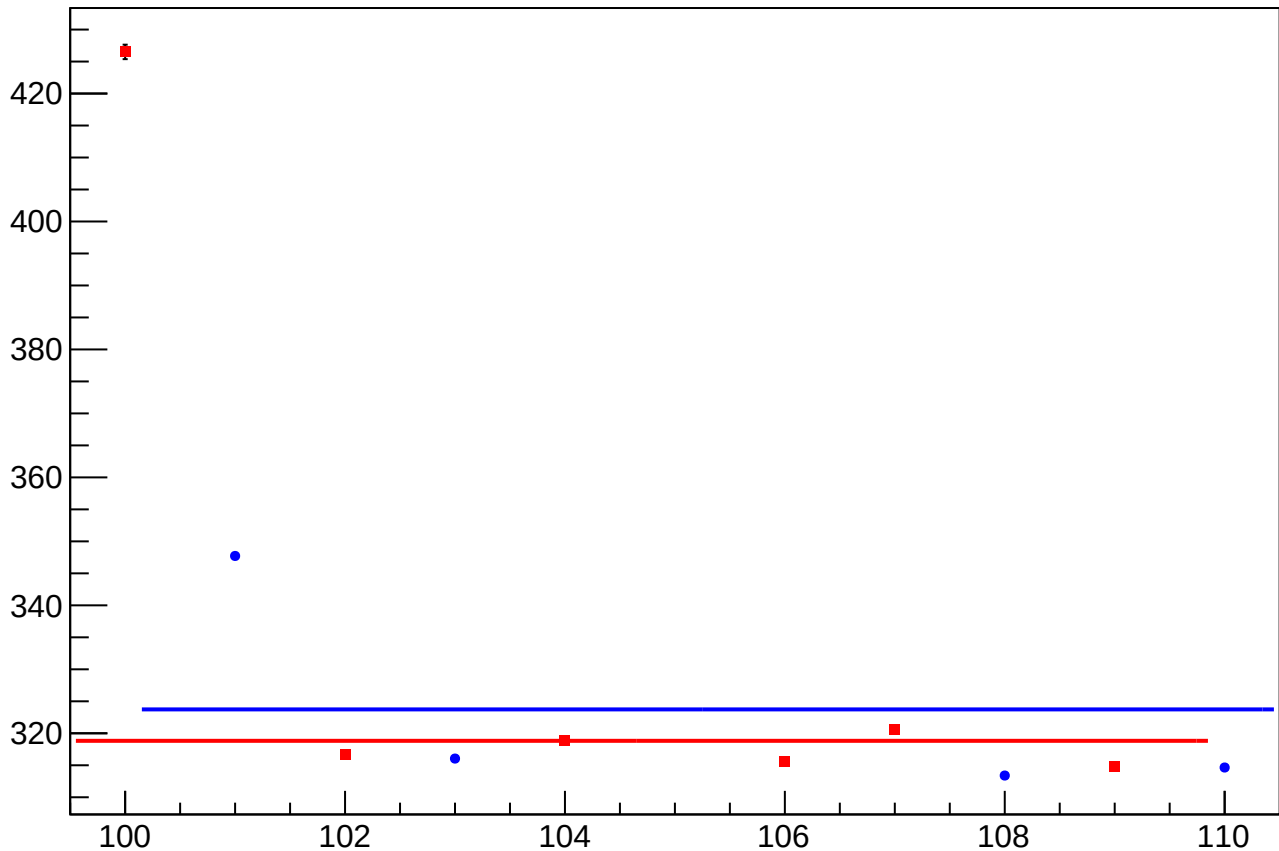
Right: -0.036 $\pm$ 0.154 χ^2 /NDF: 7.8/9

In: 0.050 $\pm$ 0.229 χ^2 /NDF:3.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.036 $\pm$ 0.154 χ^2 /NDF: 7.8/9

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 323.734+/-0.162 χ^2/NDF : 8089.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 318.822+/-0.147 χ^2/NDF : 9379.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

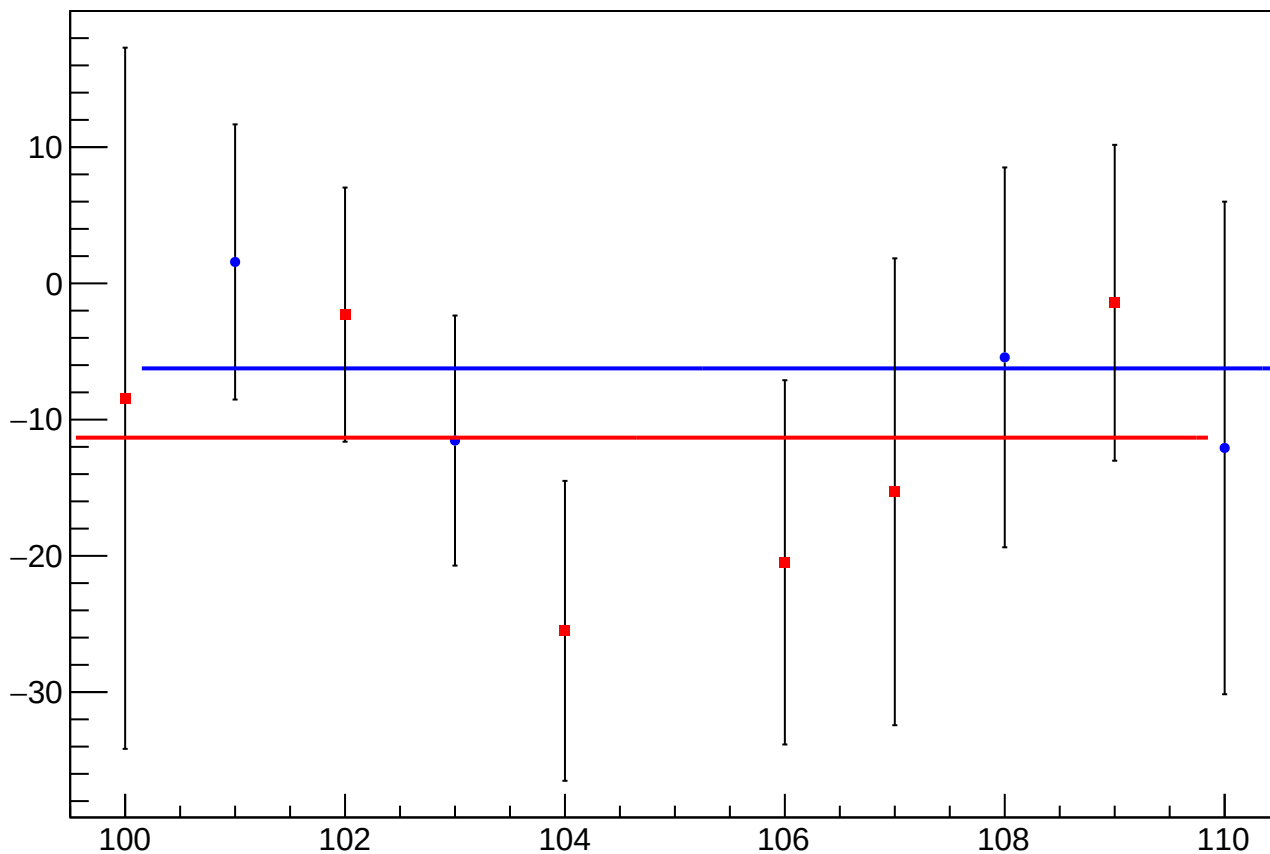
Right: 321.039+/-0.109 χ^2/NDF : 17972.0/9

In: 323.734+/-0.162 χ^2/NDF : 8089.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.039+/-0.109 χ^2/NDF : 17972.0/9

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -6.240 $\pm$ 5.785 χ^2 /NDF: 1.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.323 $\pm$ 5.150 χ^2 /NDF: 3.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

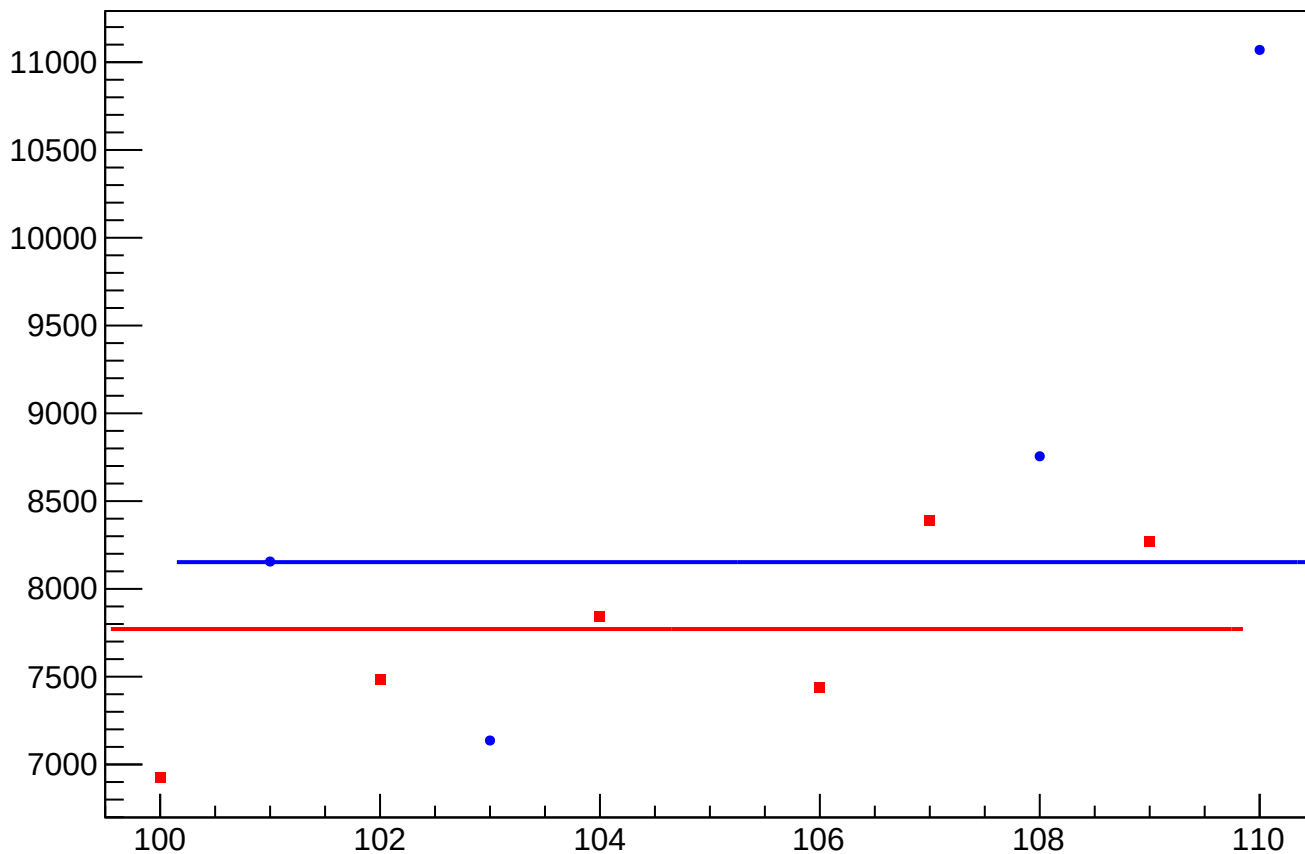
Right: -9.075 $\pm$ 3.847 χ^2 /NDF: 5.3/9

In: -6.240 $\pm$ 5.785 χ^2 /NDF:1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.075 $\pm$ 3.847 χ^2 /NDF: 5.3/9

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 8152.423+/-4.090 χ^2/NDF : 80346.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7771.428+/-3.642 χ^2/NDF : 11642.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

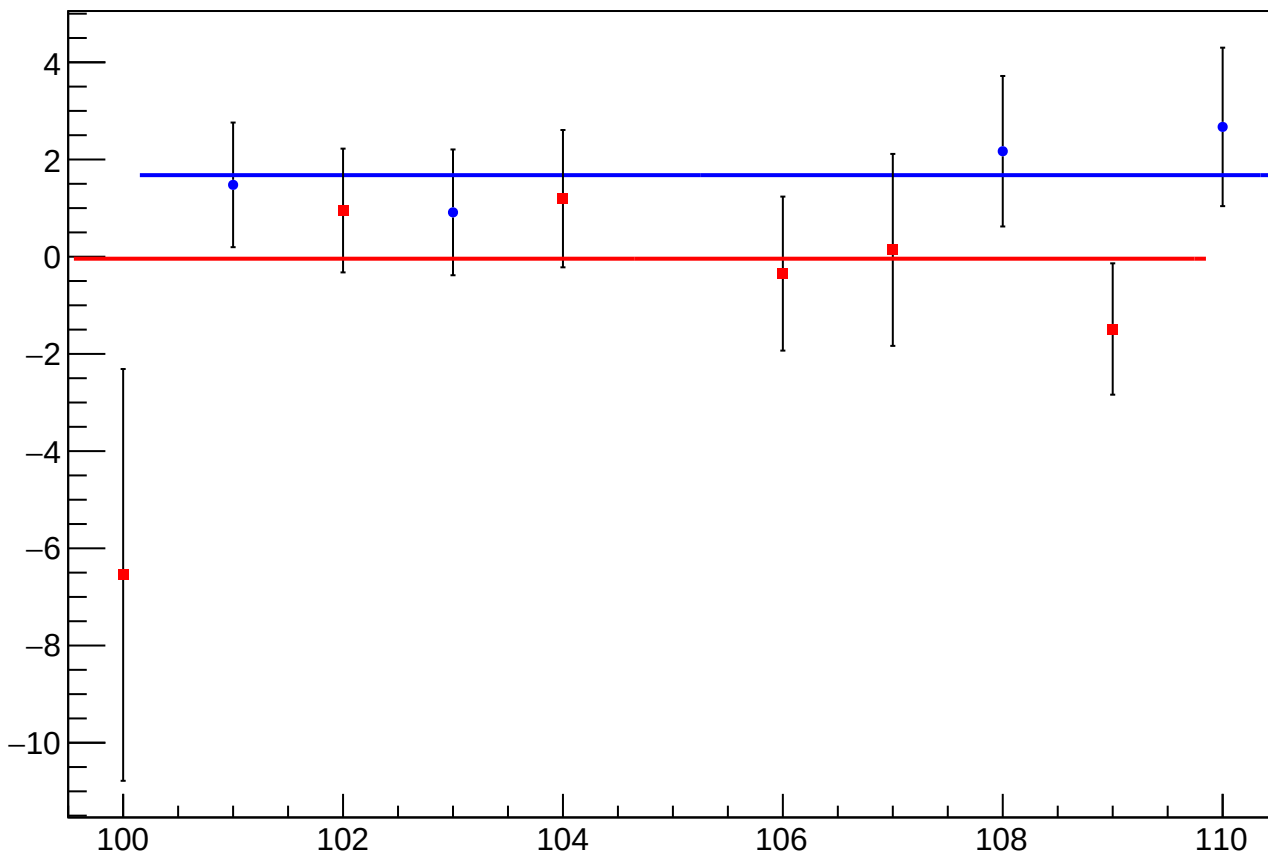
Right: 7939.889+/-2.720 χ^2/NDF : 96829.1/9

In: 8152.423+/-4.090 χ^2/NDF : 80346.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7939.889+/-2.720 χ^2/NDF : 96829.1/9

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.678 $\pm$ 0.707 χ^2 /NDF: 0.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.041 $\pm$ 0.649 χ^2 /NDF: 4.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

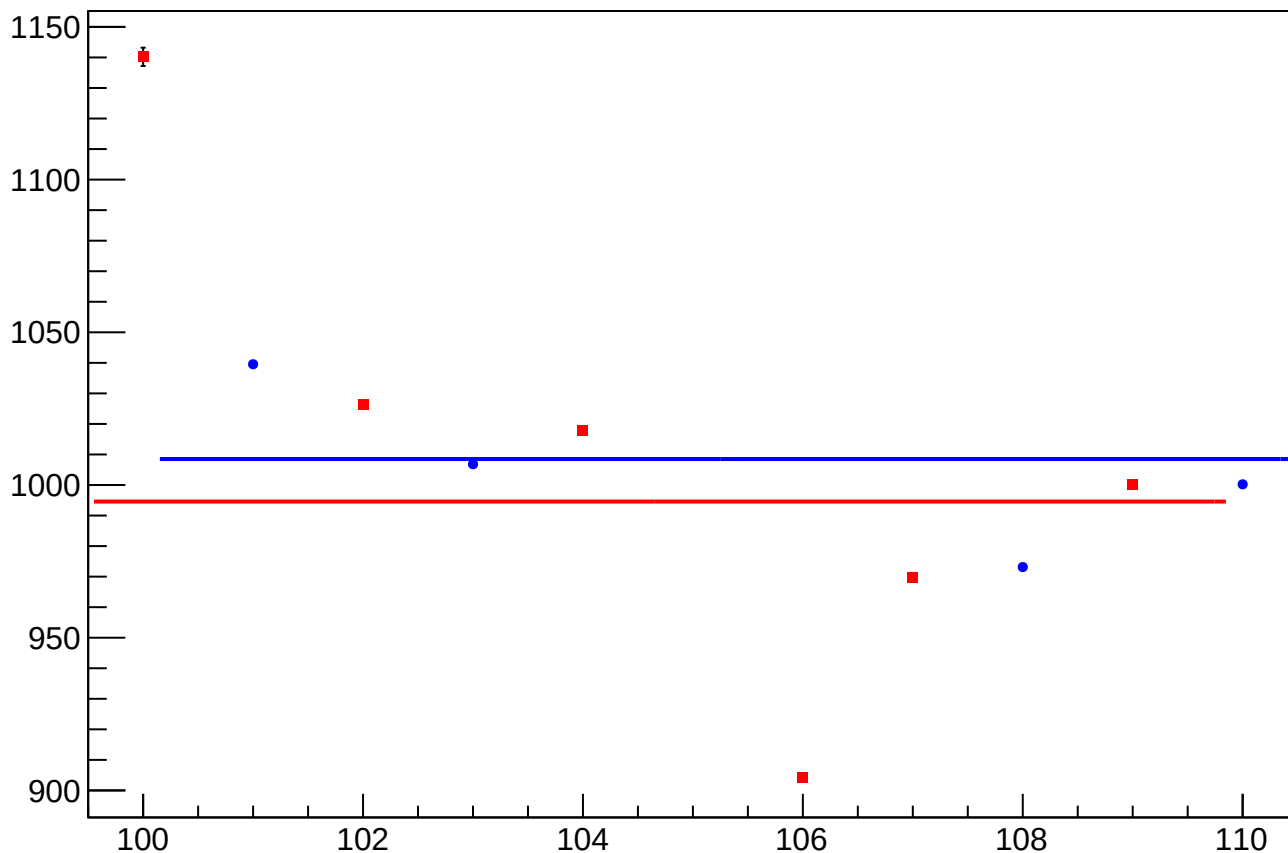
Right: 0.744 $\pm$ 0.478 χ^2 /NDF: 9.0/9

In: 1.678 $\pm$ 0.707 χ^2 /NDF: 0.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.744 $\pm$ 0.478 χ^2 /NDF: 9.0/9

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 1008.509+/-0.500 χ^2/NDF : 2271.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 994.584+/-0.459 χ^2/NDF : 10997.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

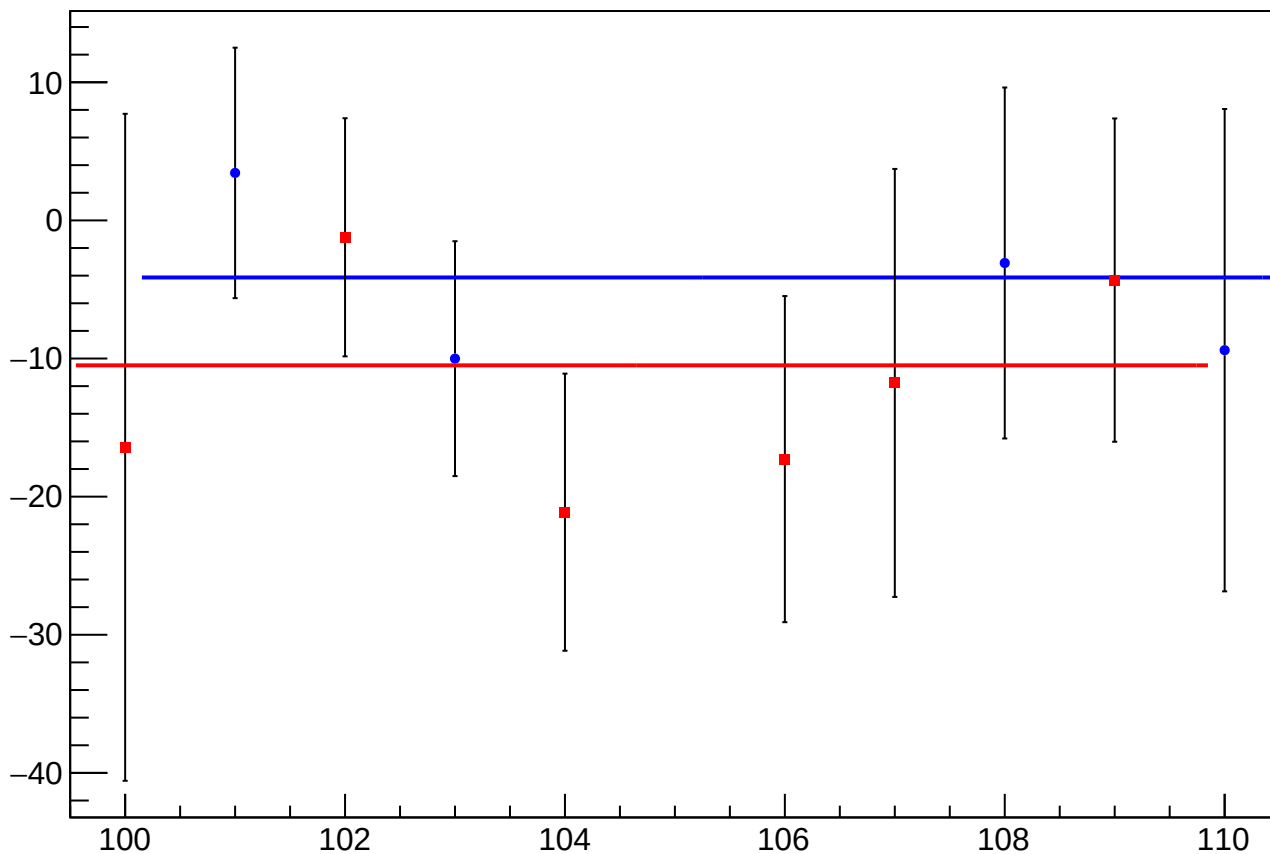
Right: 1000.946+/-0.338 χ^2/NDF : 13689.2/9

In: 1008.509+/-0.500 χ^2/NDF : 2271.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1000.946+/-0.338 χ^2/NDF : 13689.2/9

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -4.132 $\pm$ 5.310 χ^2 /NDF: 1.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -10.494 $\pm$ 4.781 χ^2 /NDF: 3.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

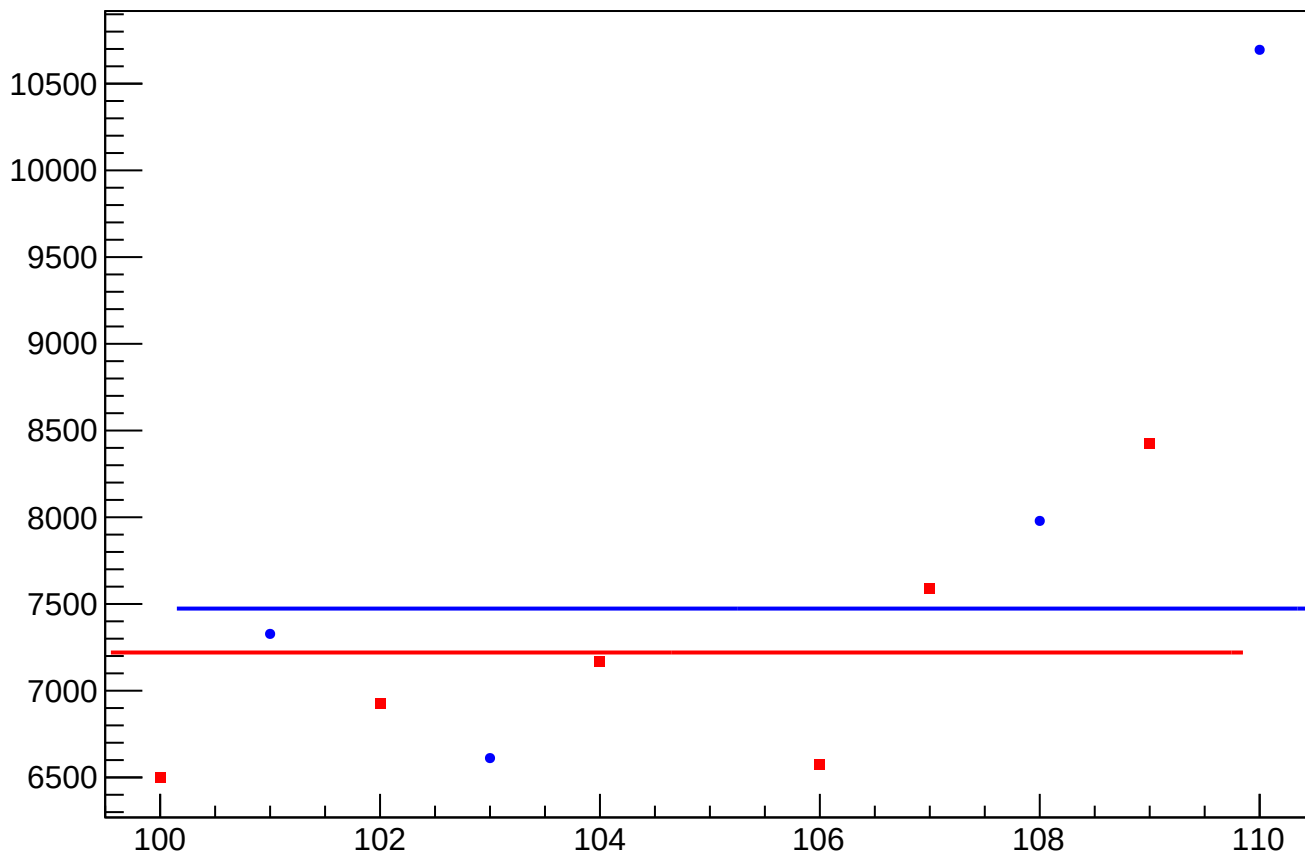
Right: -7.646 $\pm$ 3.553 χ^2 /NDF: 5.0/9

In: -4.132 $\pm$ 5.310 χ^2 /NDF:1.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.646 $\pm$ 3.553 χ^2 /NDF: 5.0/9

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 7473.517+/-3.754 χ^2/NDF : 92325.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7220.254+/-3.380 χ^2/NDF : 32522.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

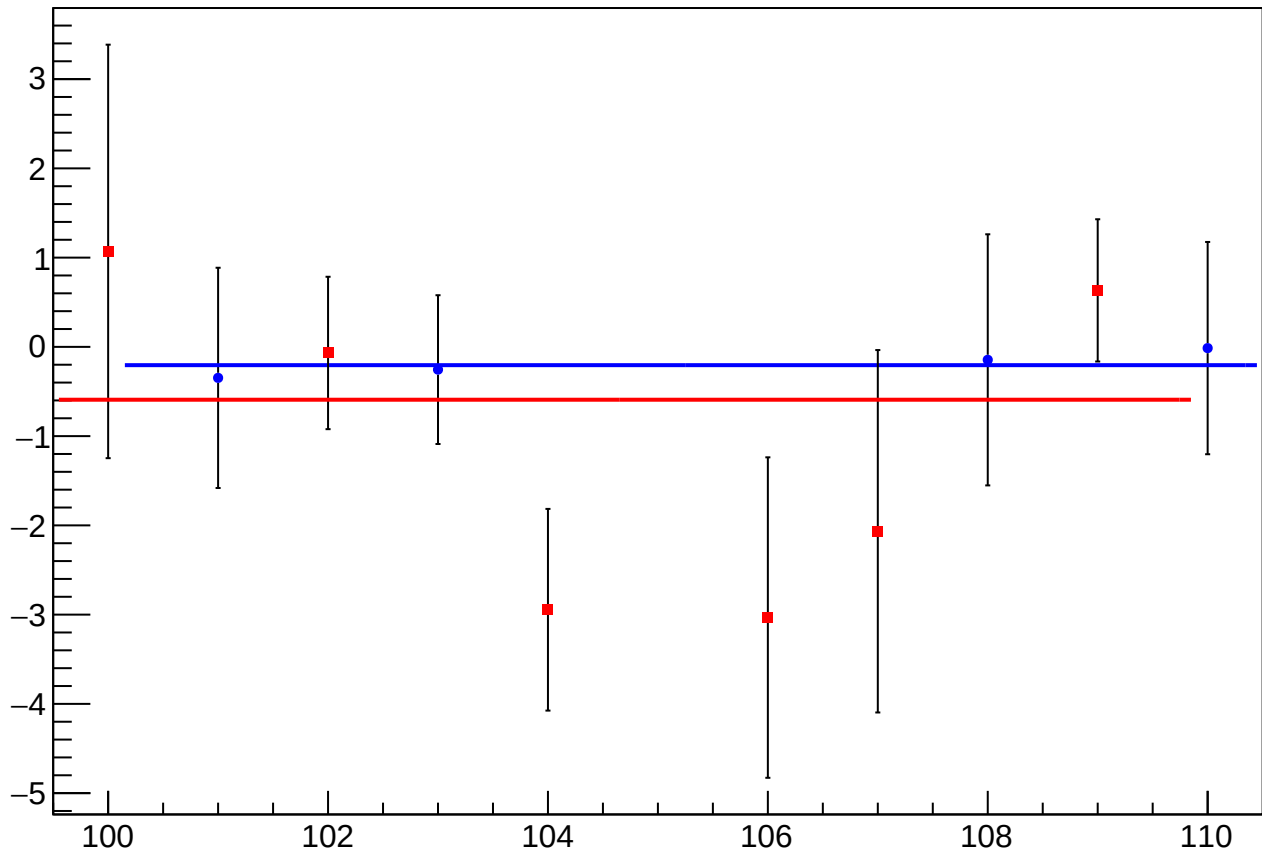
Right: 7333.647+/-2.512 χ^2/NDF : 127360.5/9

In: 7473.517+/-3.754 χ^2/NDF : 92325.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7333.647+/-2.512 χ^2/NDF : 127360.5/9

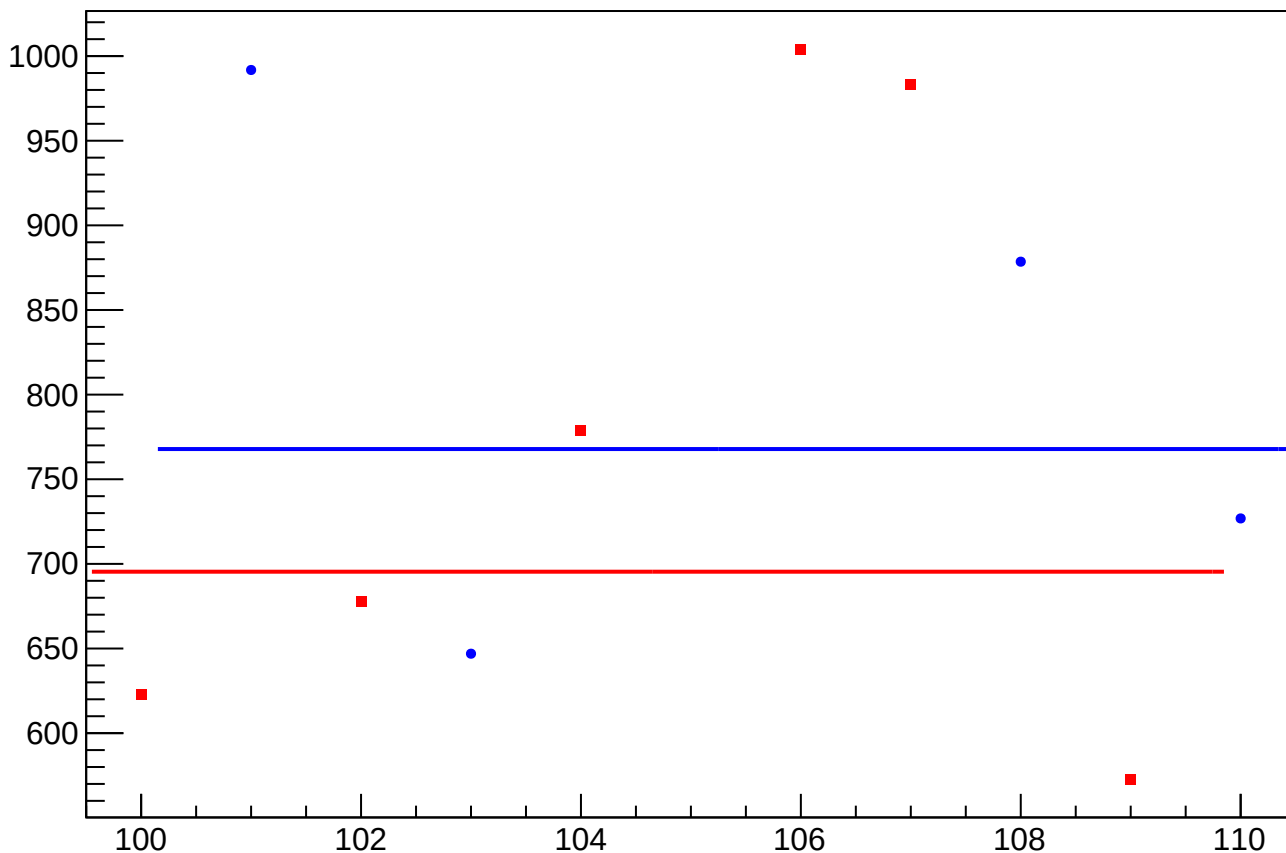
diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: -0.205+/-0.550 χ^2/NDF : 0.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.592+/-0.473 χ^2/NDF : 10.0/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.427+/-0.359 χ^2/NDF : 10.3/9
 In: -0.205+/-0.550 χ^2/NDF : 0.0/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.427+/-0.359 χ^2/NDF : 10.3/9

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 767.847 $\pm$ 0.389 χ^2 /NDF: 122730.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 695.385 $\pm$ 0.334 χ^2 /NDF: 160623.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

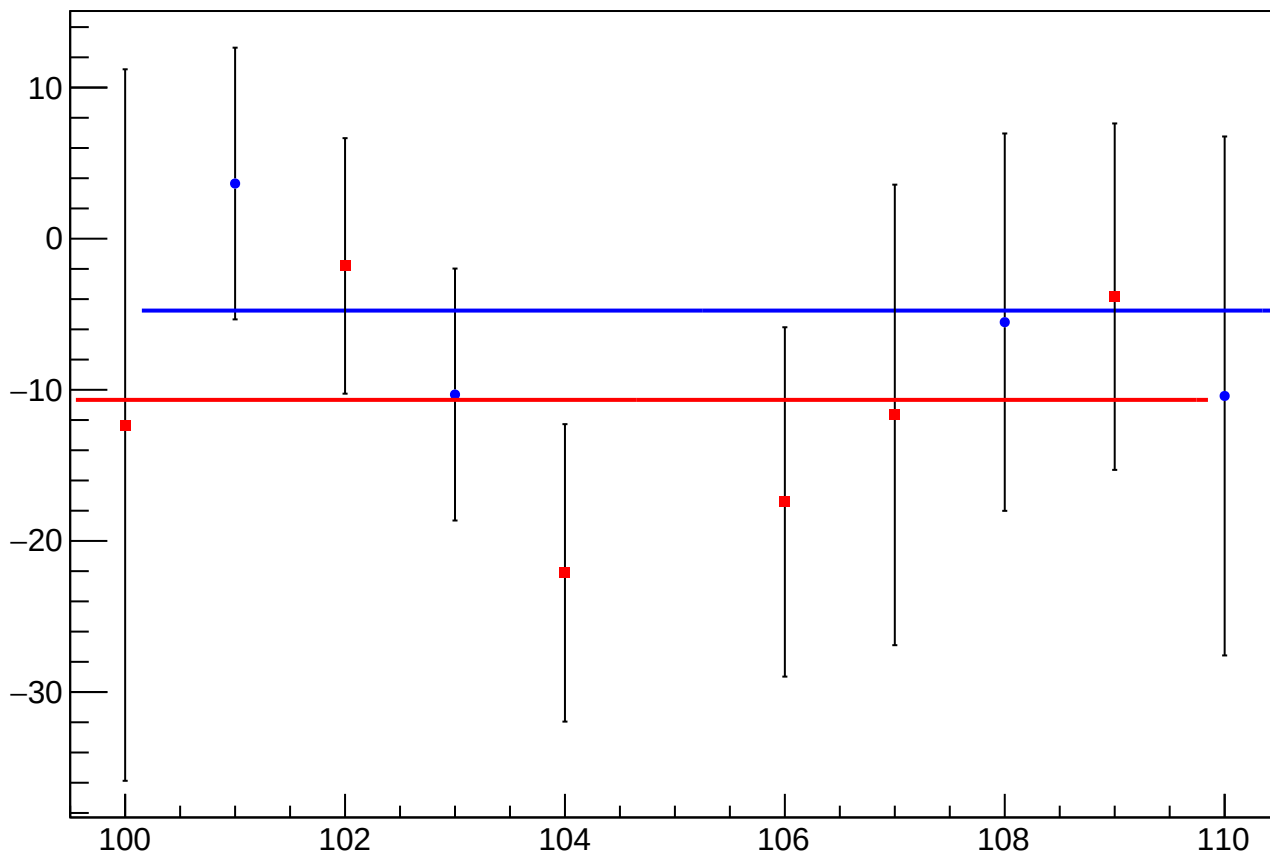
Right: 726.209 $\pm$ 0.254 χ^2 /NDF: 303319.4/9

In: 767.847 $\pm$ 0.389 χ^2 /NDF:122730.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 726.209 $\pm$ 0.254 χ^2 /NDF: 303319.4/9

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -4.758+/-5.229 χ^2/NDF : 1.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.667+/-4.687 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

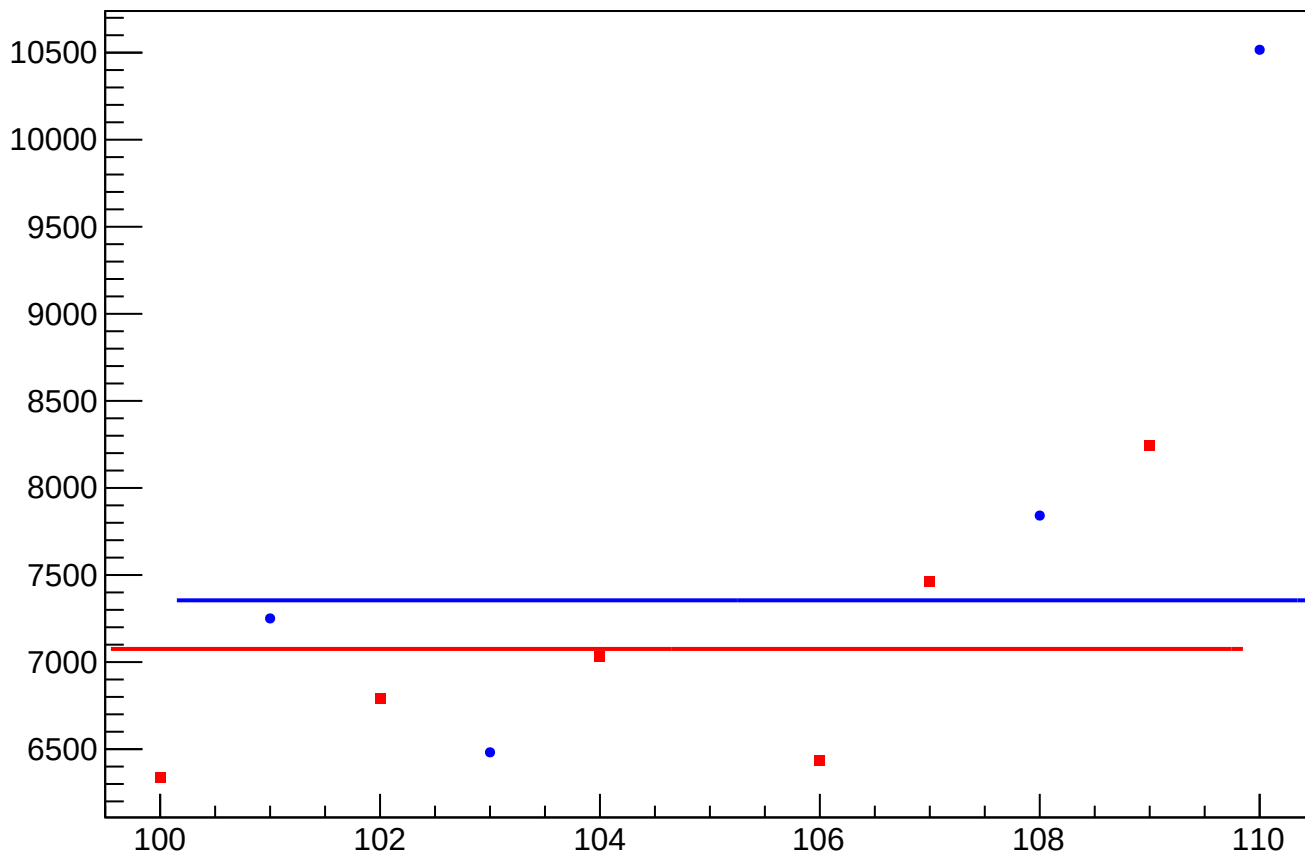
Right: -8.034+/-3.490 χ^2/NDF : 5.3/9

In: -4.758+/-5.229 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.034+/-3.490 χ^2/NDF : 5.3/9

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7354.659+/-3.697 χ^2/NDF : 93057.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7075.499+/-3.314 χ^2/NDF : 32568.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

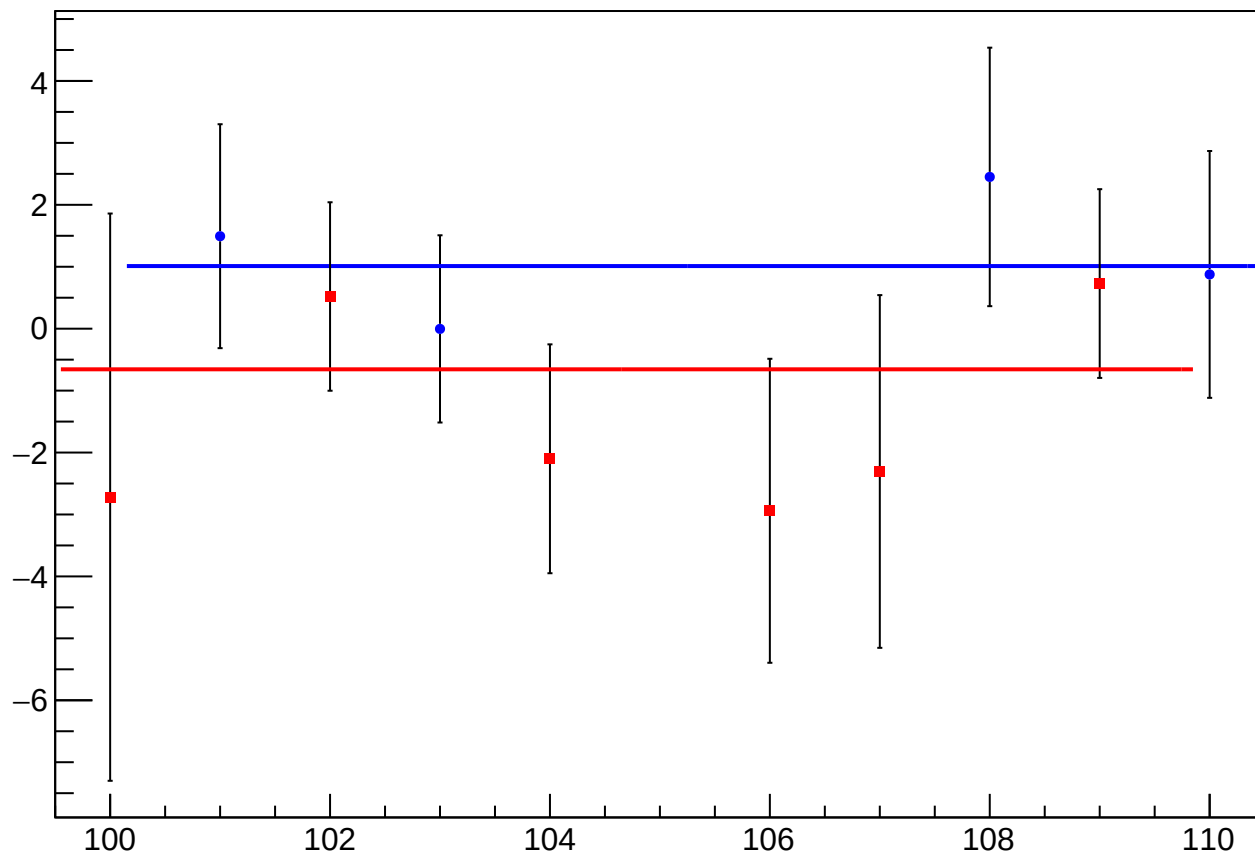
Right: 7199.859+/-2.468 χ^2/NDF : 128786.0/9

In: 7354.659+/-3.697 χ^2/NDF : 93057.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7199.859+/-2.468 χ^2/NDF : 128786.0/9

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.011+/-0.903 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.656+/-0.819 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

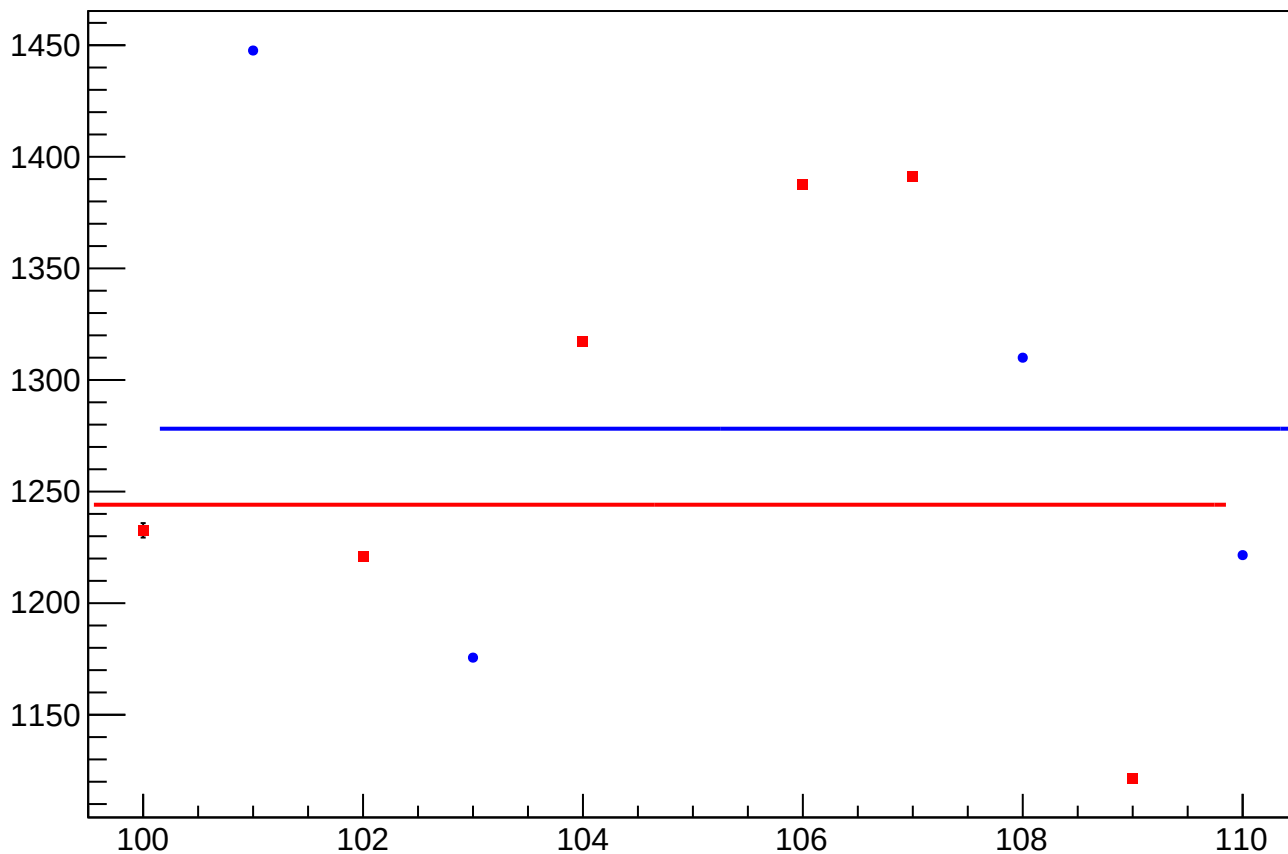
Right: 0.096+/-0.607 χ^2/NDF : 6.3/9

In: 1.011+/-0.903 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.096+/-0.607 χ^2/NDF : 6.3/9

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1278.171+/-0.639 χ^2/NDF : 28858.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1244.113+/-0.579 χ^2/NDF : 28728.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

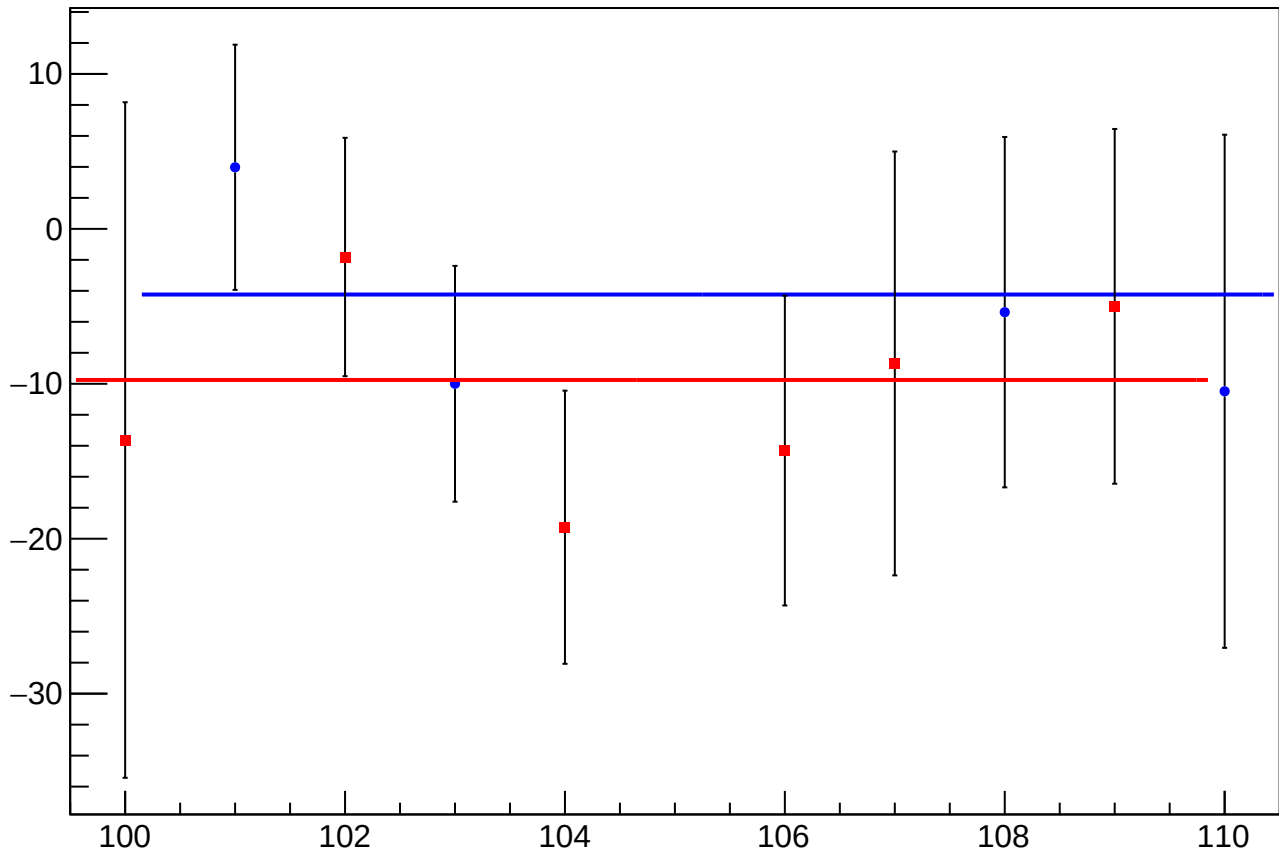
Right: 1259.466+/-0.429 χ^2/NDF : 59147.5/9

In: 1278.171+/-0.639 χ^2/NDF : 28858.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1259.466+/-0.429 χ^2/NDF : 59147.5/9

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -4.237 $\pm$ 4.730 χ^2 /NDF: 1.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.753 $\pm$ 4.270 χ^2 /NDF: 2.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

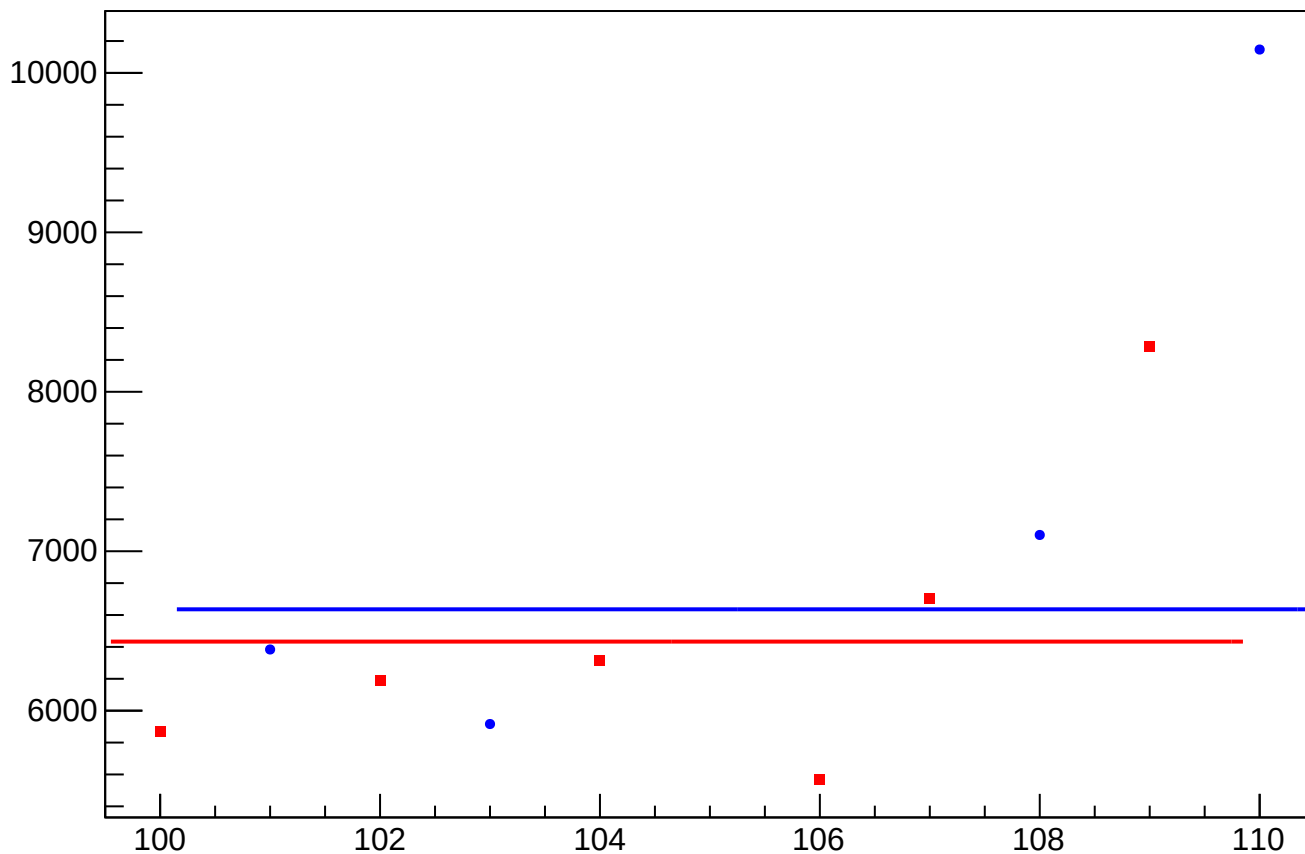
Right: -7.276 $\pm$ 3.169 χ^2 /NDF: 5.2/9

In: -4.237 $\pm$ 4.730 χ^2 /NDF:1.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.276 $\pm$ 3.169 χ^2 /NDF: 5.2/9

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 6635.776+/-3.344 χ^2/NDF : 113171.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6433.299+/-3.019 χ^2/NDF : 71909.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

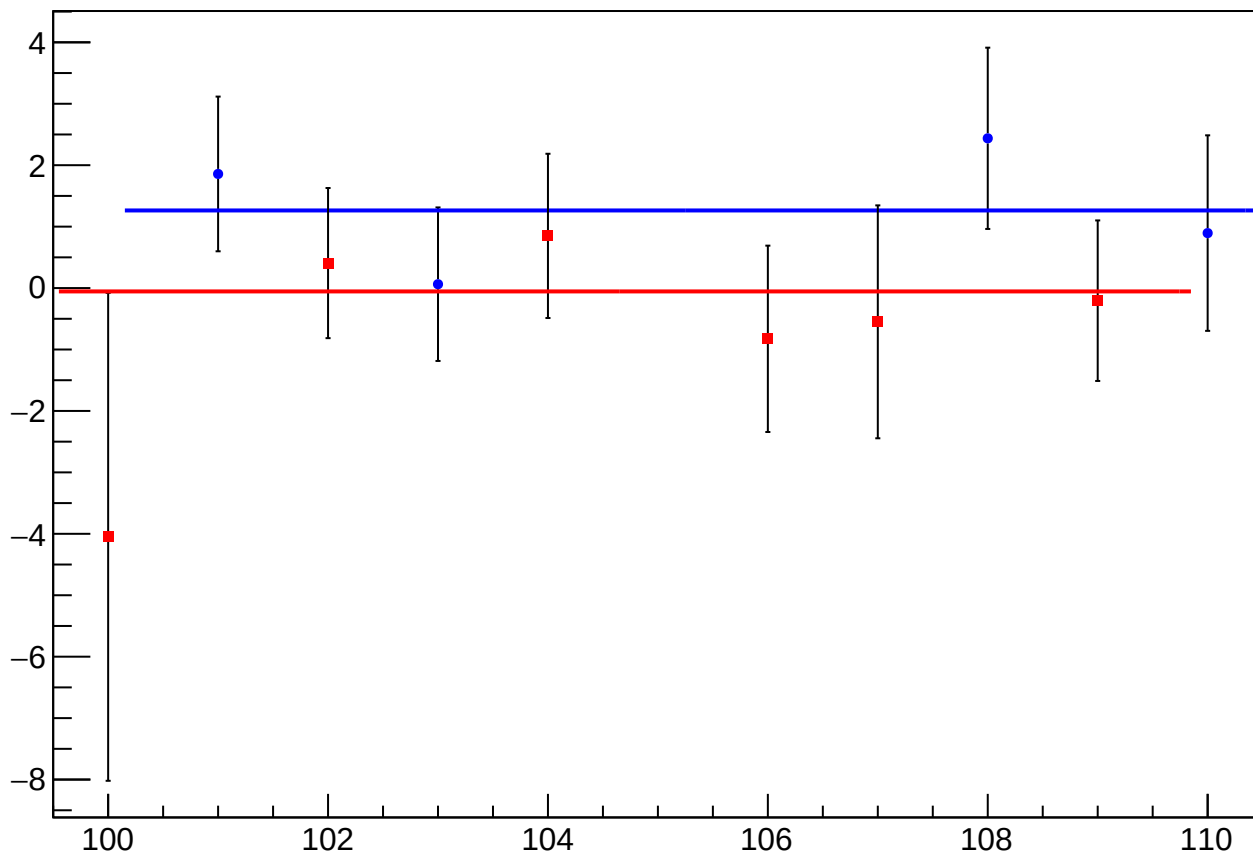
Right: 6524.220+/-2.241 χ^2/NDF : 187100.4/9

In: 6635.776+/-3.344 χ^2/NDF : 113171.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6524.220+/-2.241 χ^2/NDF : 187100.4/9

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.263 $\pm$ 0.686 χ^2 /NDF: 1.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.055 $\pm$ 0.621 χ^2 /NDF: 2.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

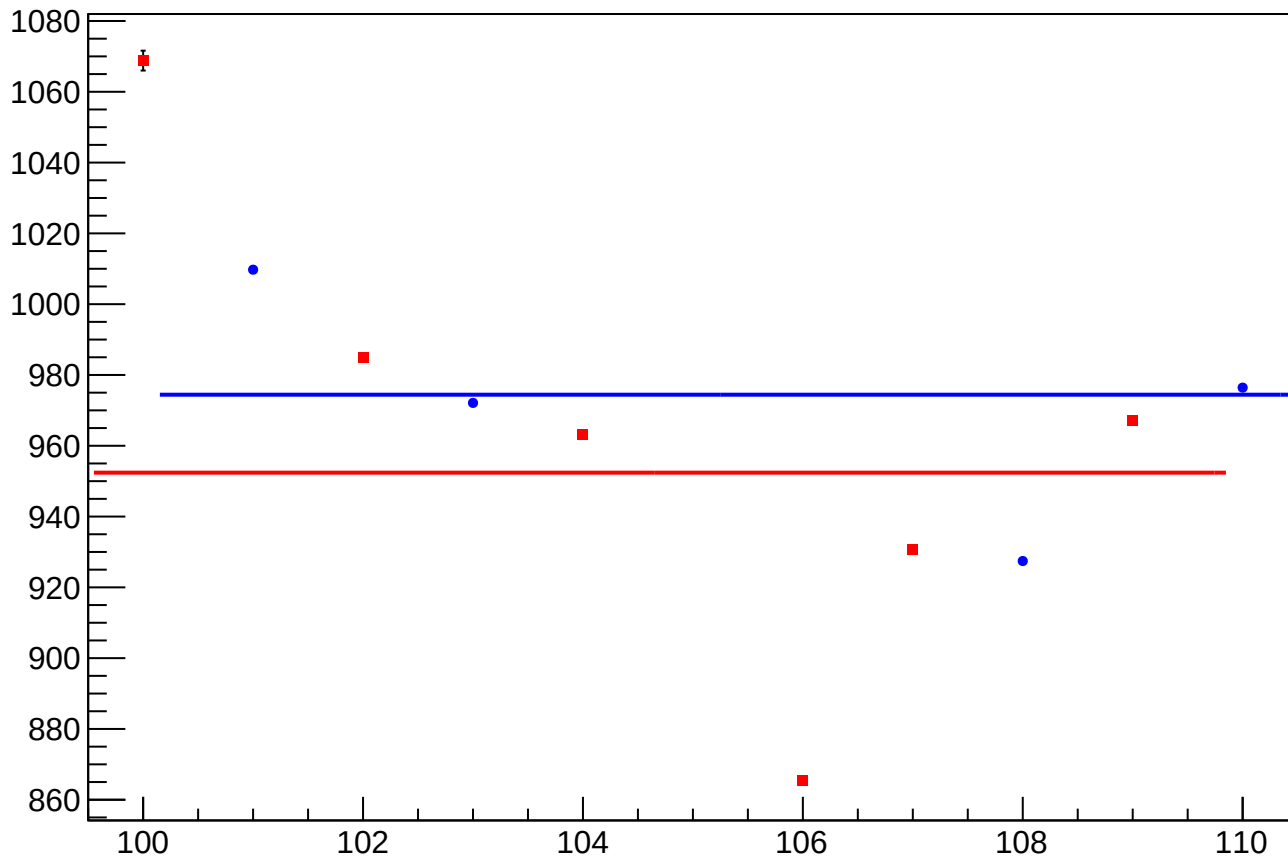
Right: 0.539 $\pm$ 0.460 χ^2 /NDF: 5.8/9

In: 1.263 $\pm$ 0.686 χ^2 /NDF:1.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.539 $\pm$ 0.460 χ^2 /NDF: 5.8/9

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 974.425+/-0.485 χ^2/NDF : 3612.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 952.404+/-0.439 χ^2/NDF : 10338.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

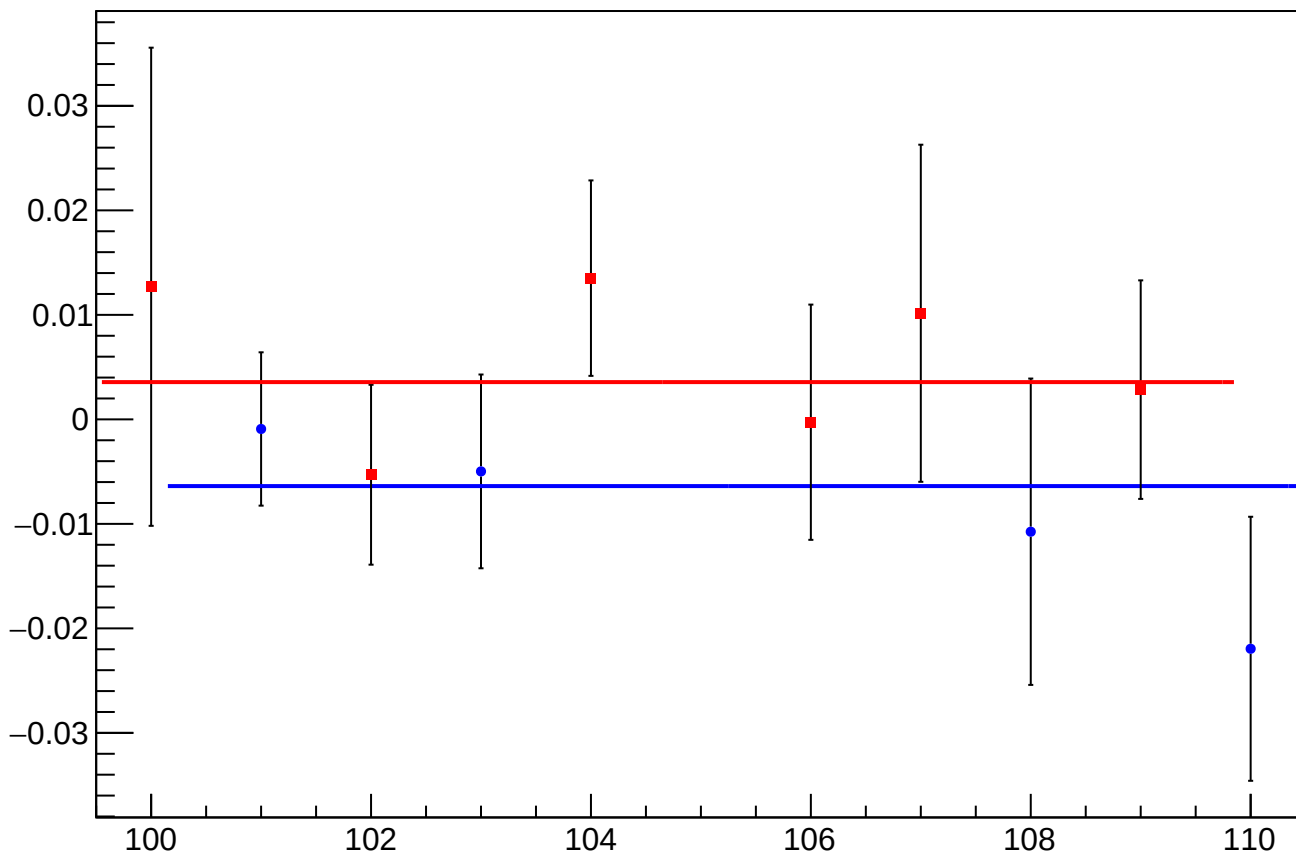
Right: 962.327+/-0.326 χ^2/NDF : 15083.4/9

In: 974.425+/-0.485 χ^2/NDF : 3612.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.327+/-0.326 χ^2/NDF : 15083.4/9

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.005 χ^2 /NDF: 2.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.005 χ^2 /NDF: 2.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

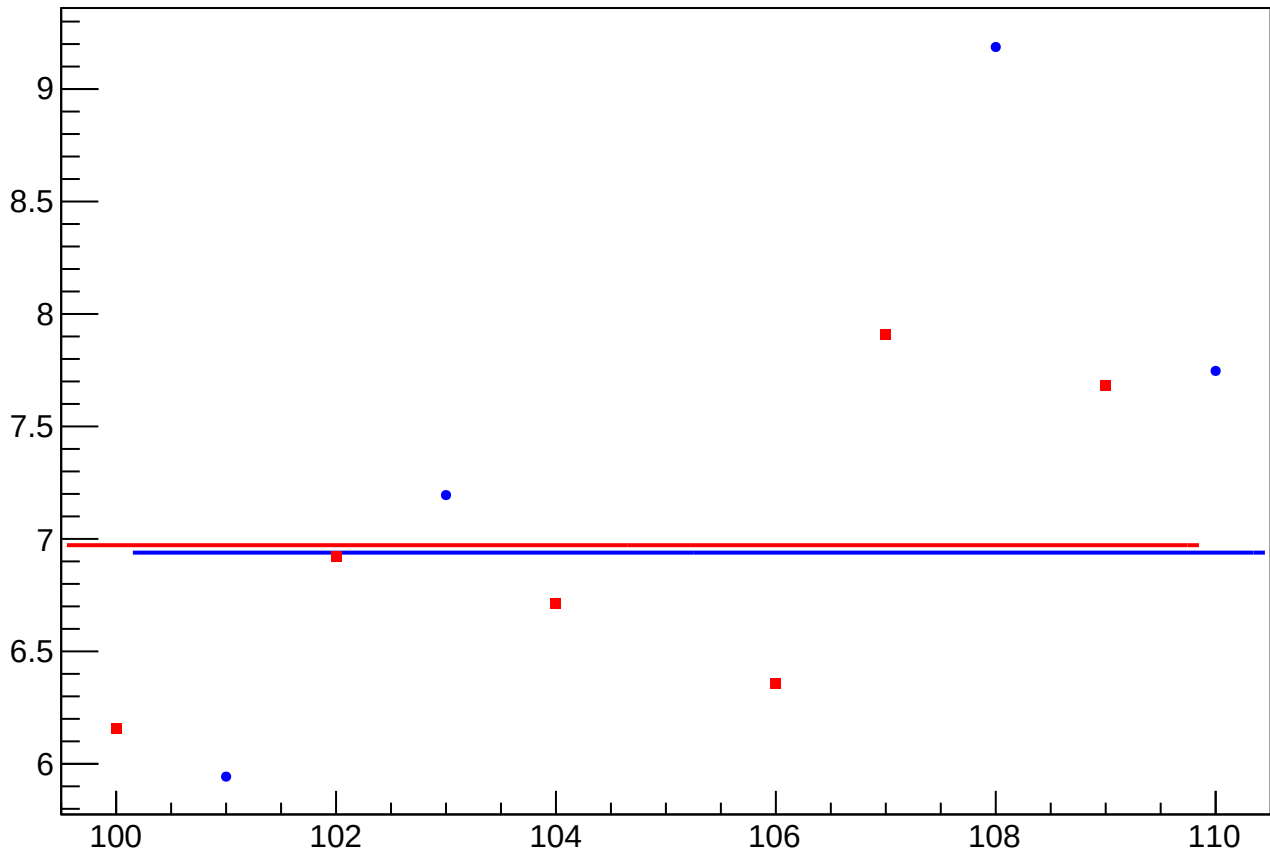
Right: -0.001 $\pm$ 0.003 χ^2 /NDF: 7.0/9

In: -0.006 $\pm$ 0.005 χ^2 /NDF:2.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.003 χ^2 /NDF: 7.0/9

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 6.939+/-0.003 χ^2/NDF : 93597.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.972+/-0.003 χ^2/NDF : 26083.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

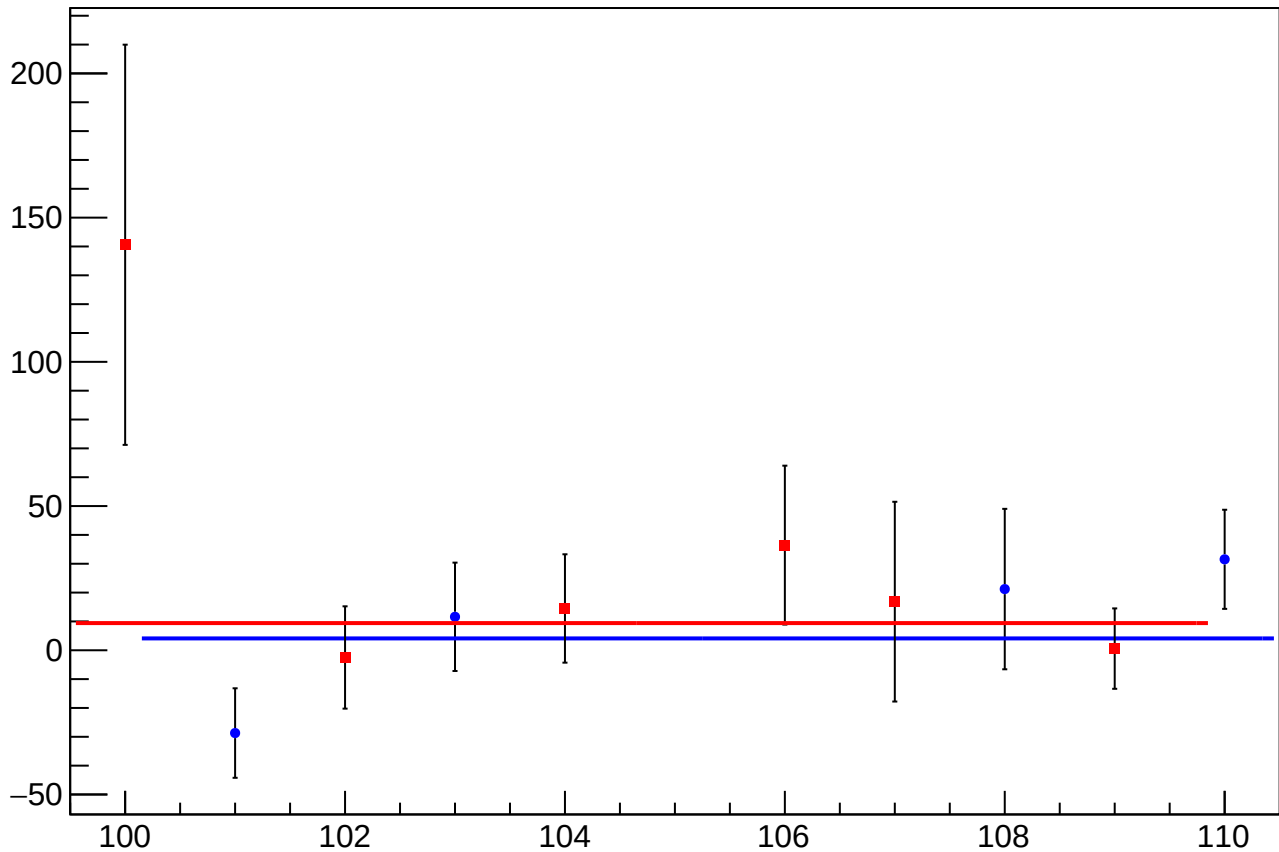
Right: 6.957+/-0.002 χ^2/NDF : 119729.3/9

In: 6.939+/-0.003 χ^2/NDF : 93597.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.957+/-0.002 χ^2/NDF : 119729.3/9

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 4.109+/-9.258 χ^2/NDF : 7.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.425+/-8.601 χ^2/NDF : 5.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

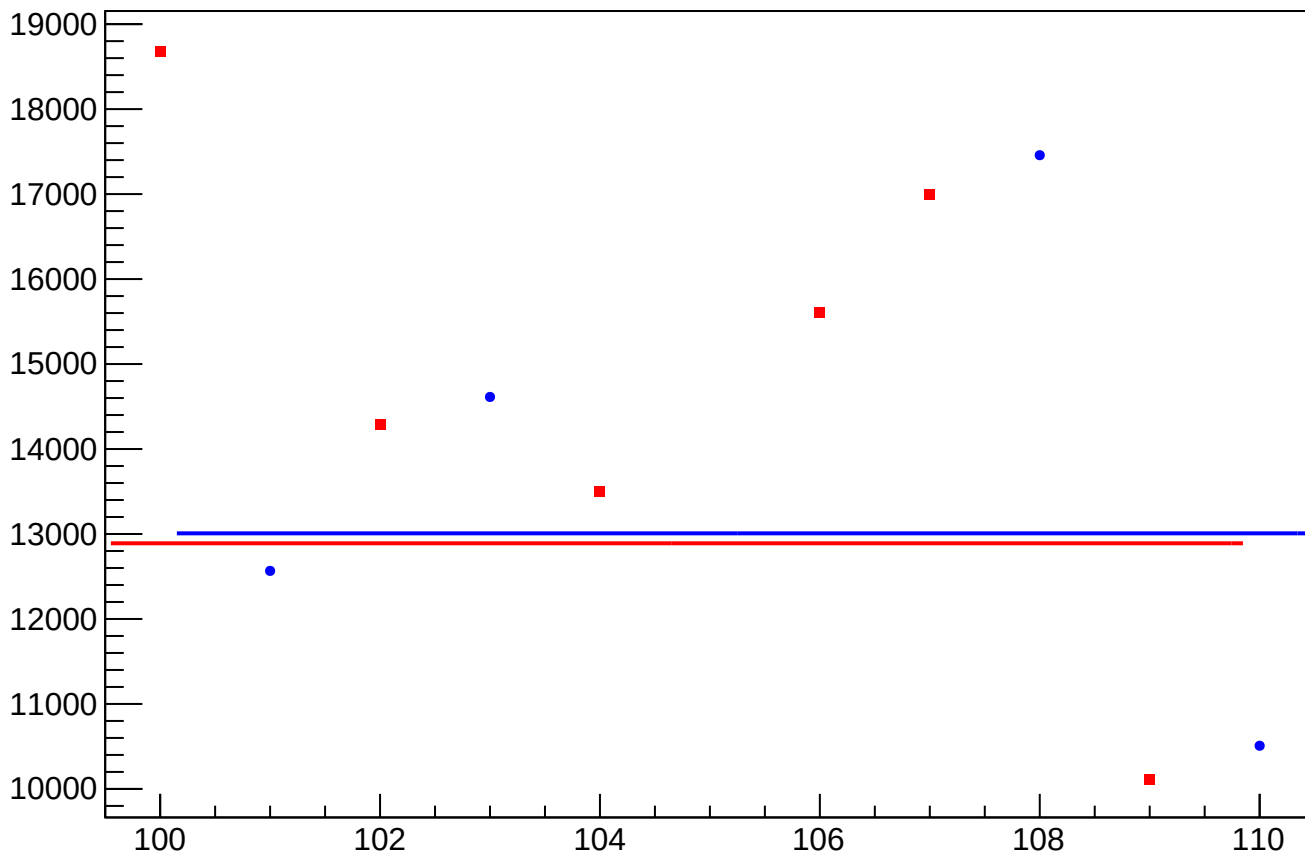
Right: 6.962+/-6.301 χ^2/NDF : 13.2/9

In: 4.109+/-9.258 χ^2/NDF : 7.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.962+/-6.301 χ^2/NDF : 13.2/9

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 13007.728+/-6.546 χ^2/NDF : 109748.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12890.607+/-6.082 χ^2/NDF : 155558.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

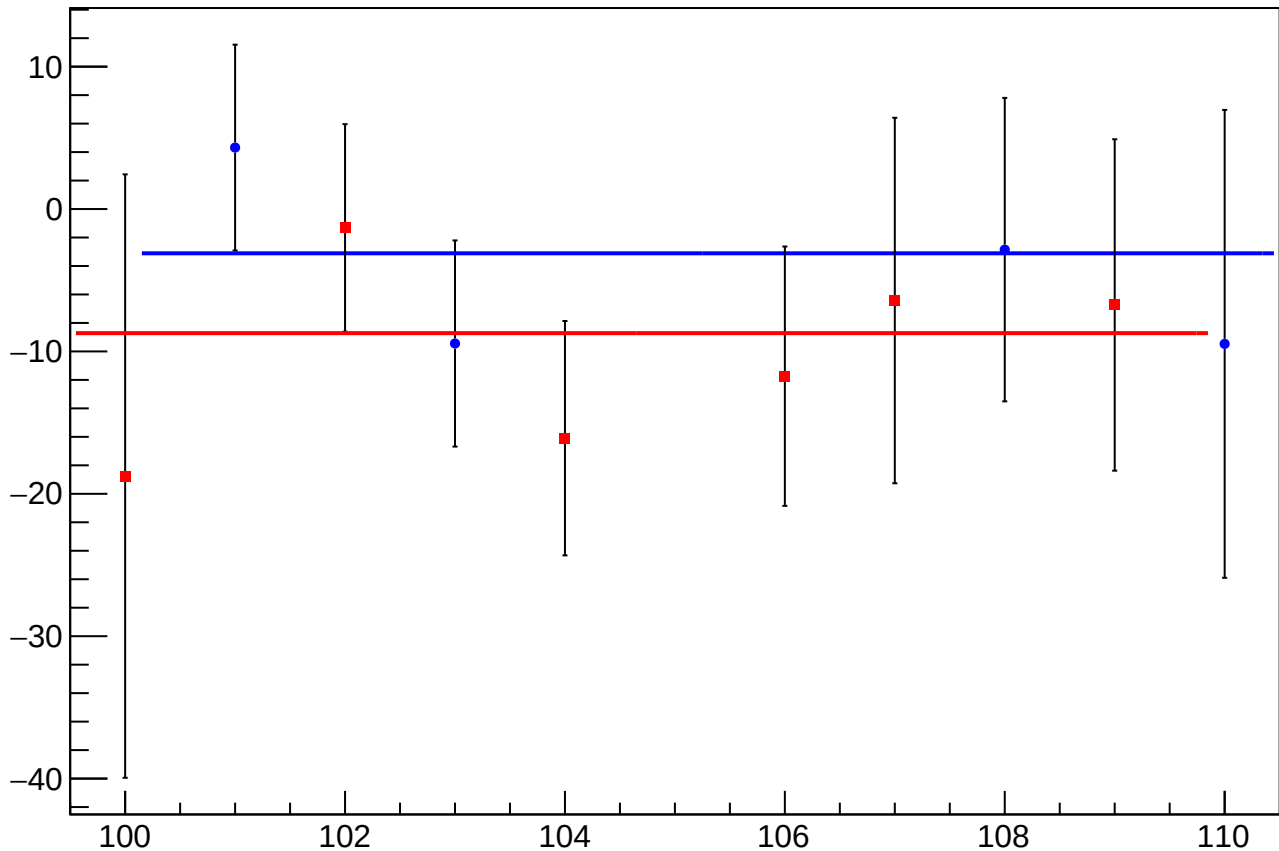
Right: 12944.864+/-4.456 χ^2/NDF : 265478.5/9

In: 13007.728+/-6.546 χ^2/NDF : 109748.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12944.864+/-4.456 χ^2/NDF : 265478.5/9

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -3.109+/-4.440 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.716+/-4.038 χ^2/NDF : 2.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

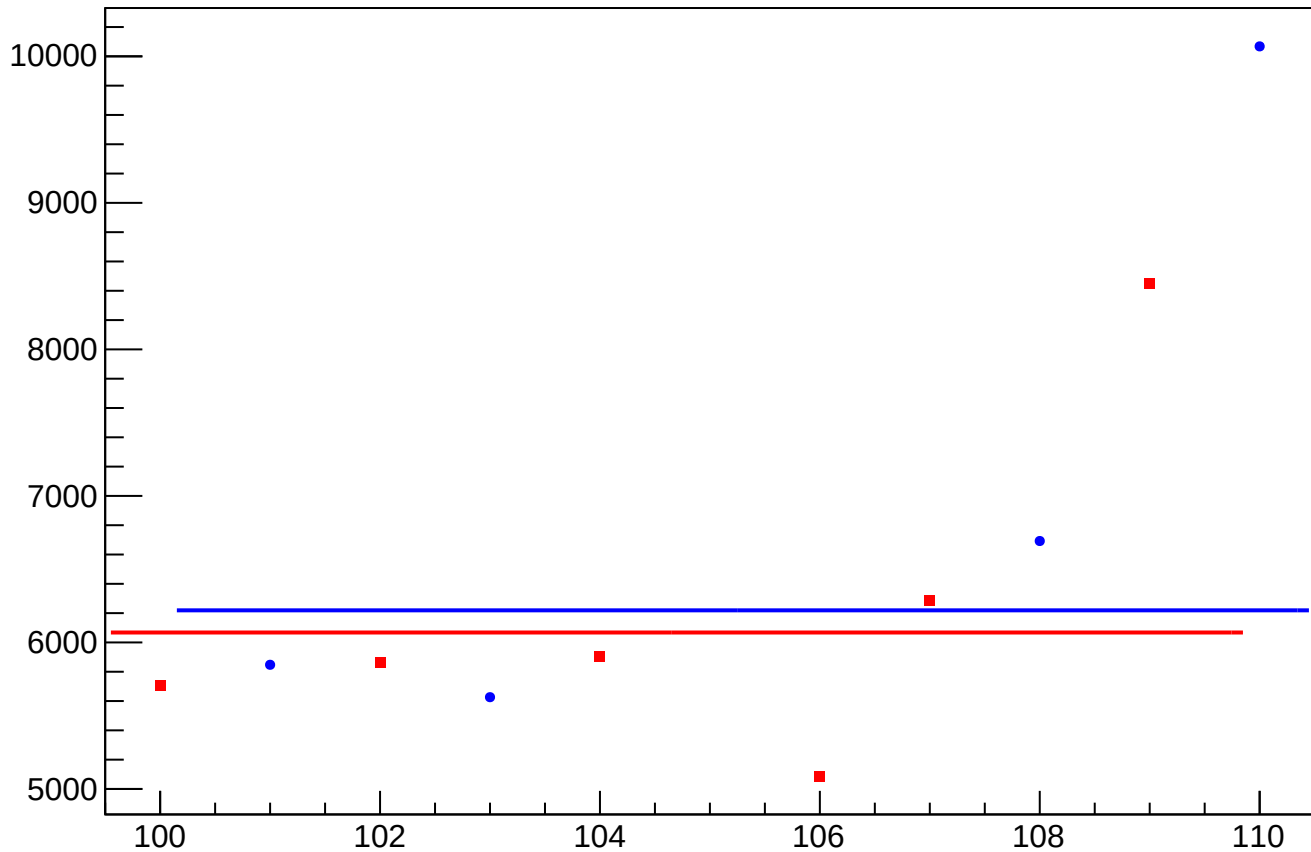
Right: -6.178+/-2.987 χ^2/NDF : 5.1/9

In: -3.109+/-4.440 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.178+/-2.987 χ^2/NDF : 5.1/9

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 6219.068+/-3.139 χ^2/NDF : 132392.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6067.788+/-2.855 χ^2/NDF : 110463.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

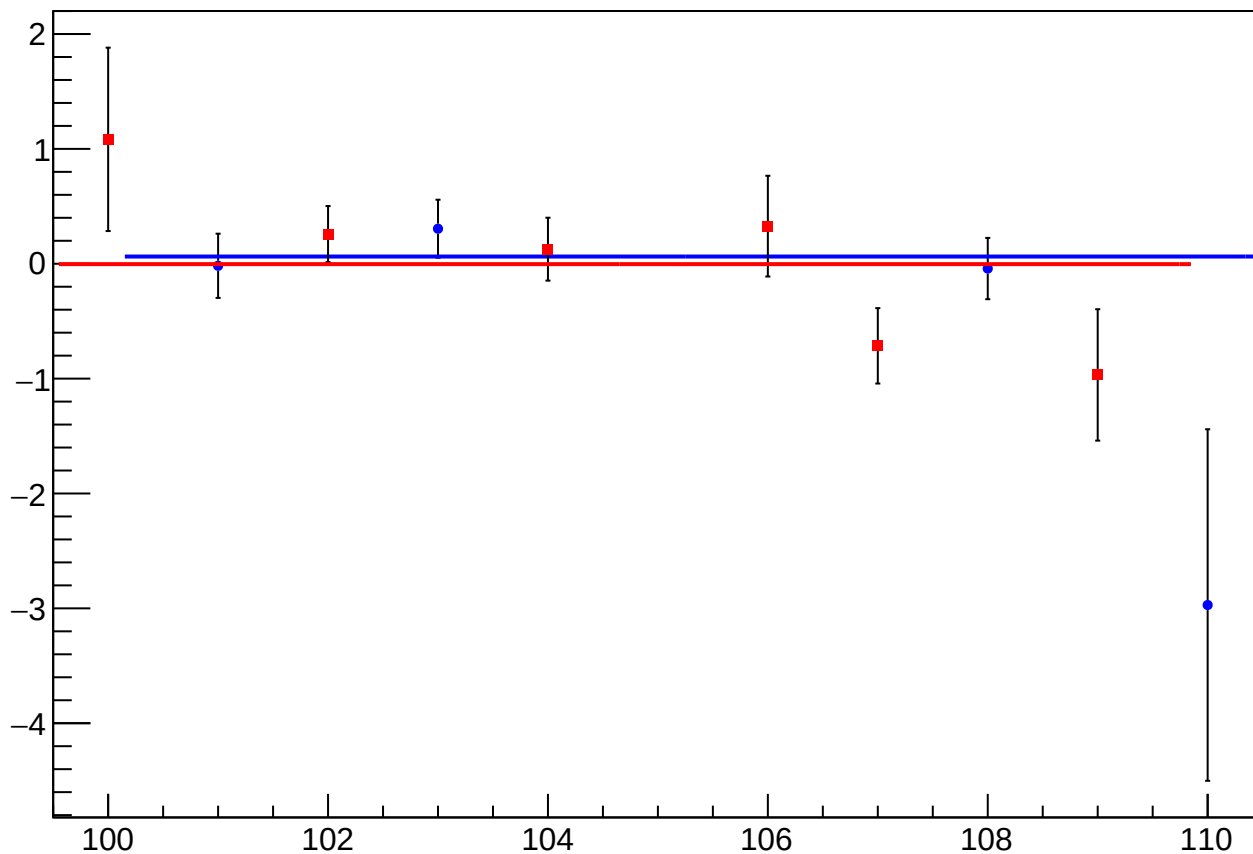
Right: 6136.279+/-2.112 χ^2/NDF : 244126.5/9

In: 6219.068+/-3.139 χ^2/NDF : 132392.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6136.279+/-2.112 χ^2/NDF : 244126.5/9

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.063 $\pm$ 0.153 χ^2 /NDF: 5.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.143 χ^2 /NDF: 11.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

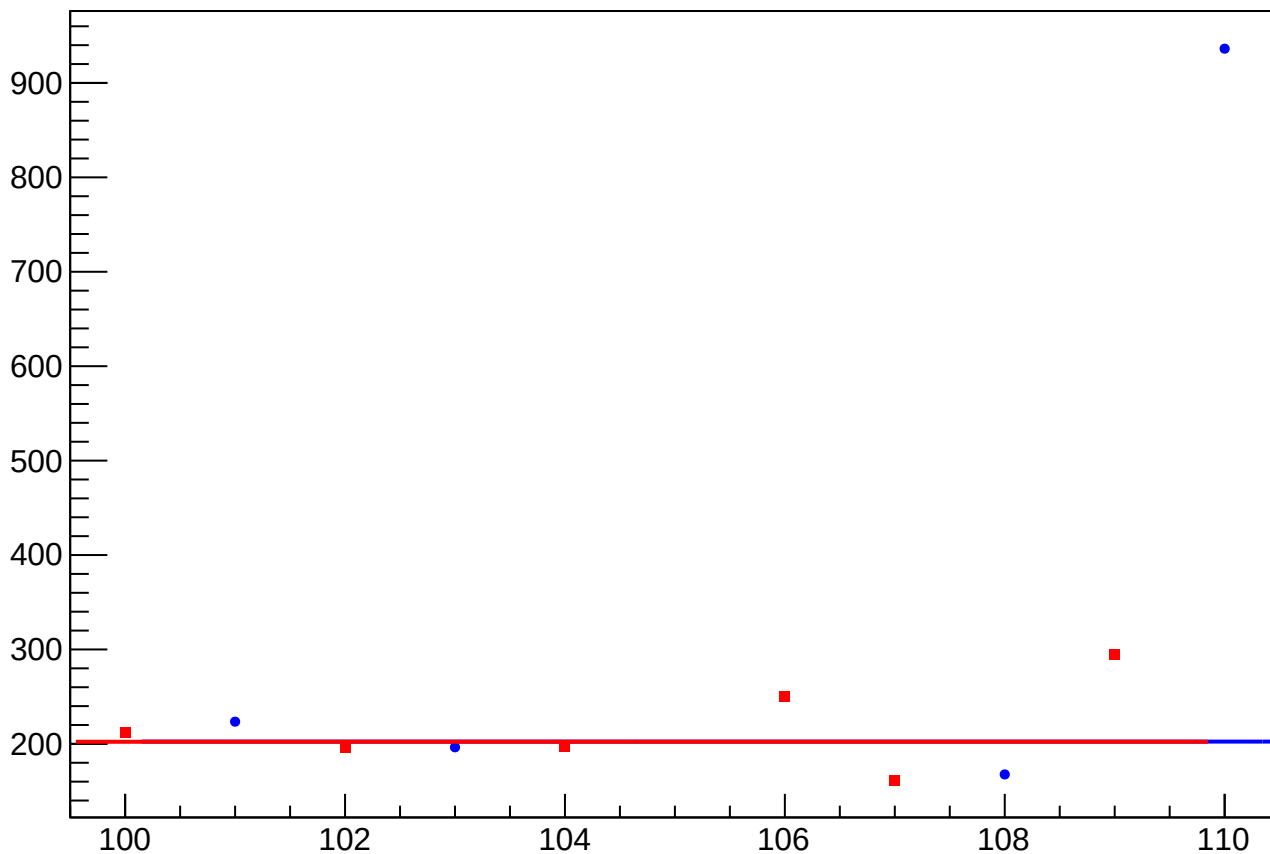
Right: 0.028 $\pm$ 0.104 χ^2 /NDF: 16.5/9

In: 0.063 $\pm$ 0.153 χ^2 /NDF: 5.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.104 χ^2 /NDF: 16.5/9

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 202.427+/-0.108 χ^2/NDF : 506438.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.234+/-0.101 χ^2/NDF : 109404.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

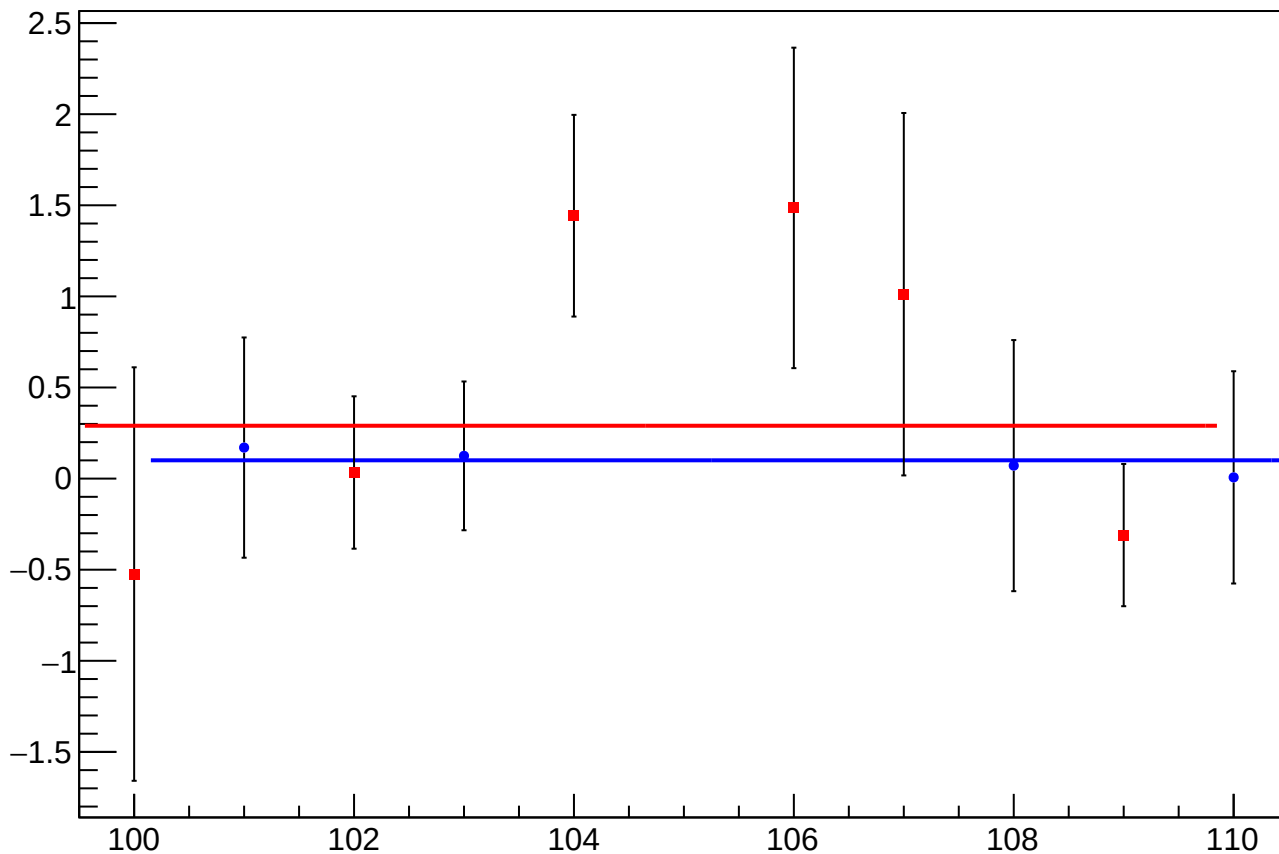
Right: 202.324+/-0.074 χ^2/NDF : 615844.8/9

In: 202.427+/-0.108 χ^2/NDF : 506438.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.324+/-0.074 χ^2/NDF : 615844.8/9

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.100+/-0.269 χ^2/NDF : 0.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.290+/-0.232 χ^2/NDF : 10.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

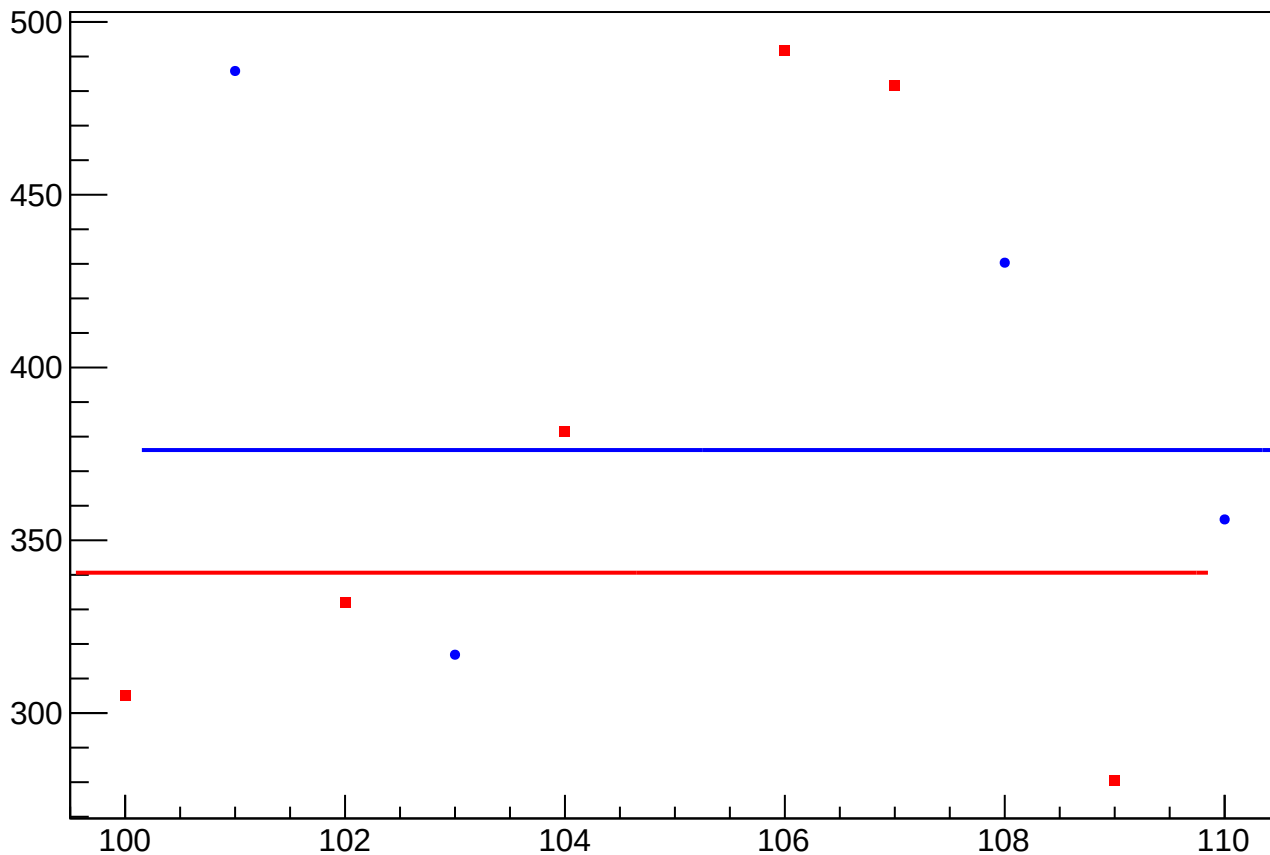
Right: 0.209+/-0.176 χ^2/NDF : 10.3/9

In: 0.100+/-0.269 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.209+/-0.176 χ^2/NDF : 10.3/9

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 376.119 $\pm$ 0.190 χ^2 /NDF: 122730.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 340.624 $\pm$ 0.164 χ^2 /NDF: 160623.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

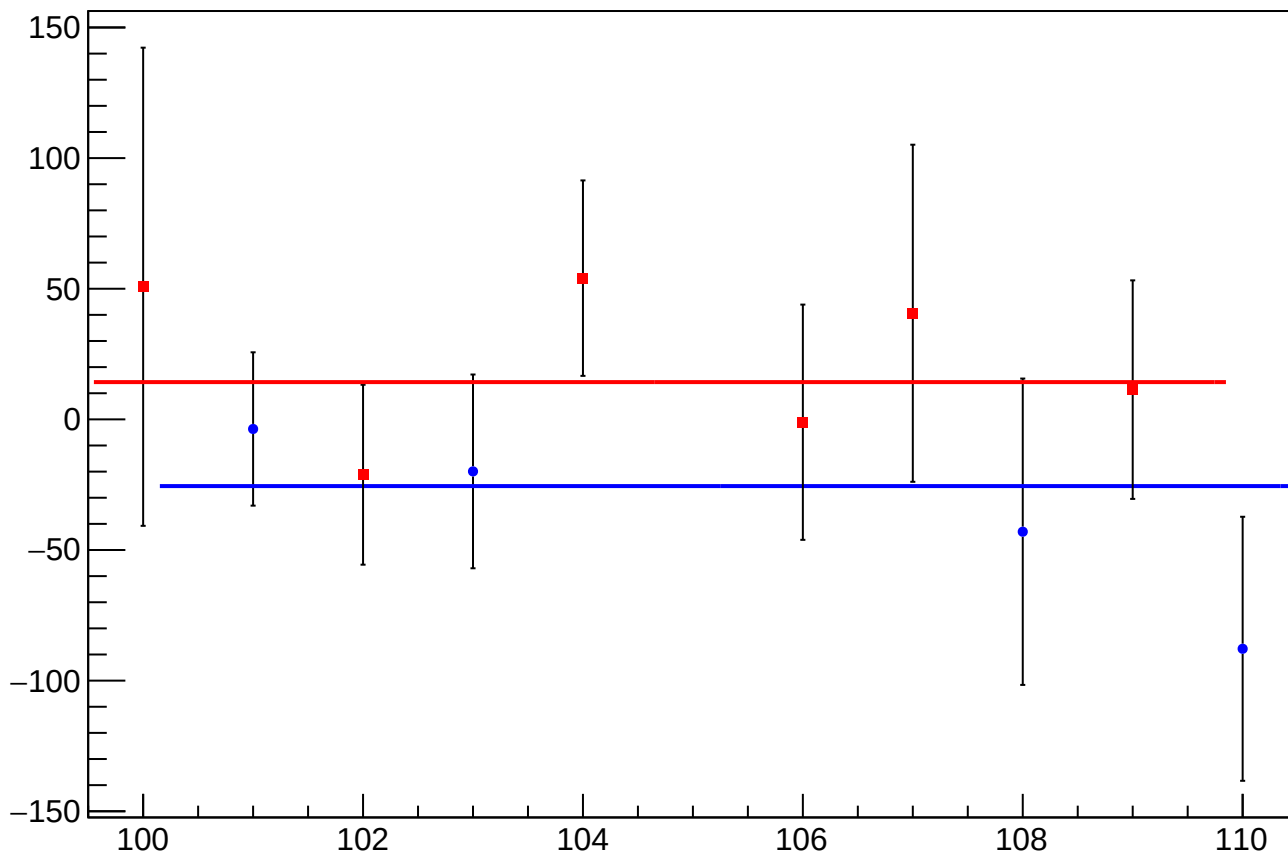
Right: 355.723 $\pm$ 0.124 χ^2 /NDF: 303319.4/9

In: 376.119 $\pm$ 0.190 χ^2 /NDF:122730.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 355.723 $\pm$ 0.124 χ^2 /NDF: 303319.4/9

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -25.536 ± 19.722 χ^2/NDF : 2.2/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.264 ± 18.309 χ^2/NDF : 2.6/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

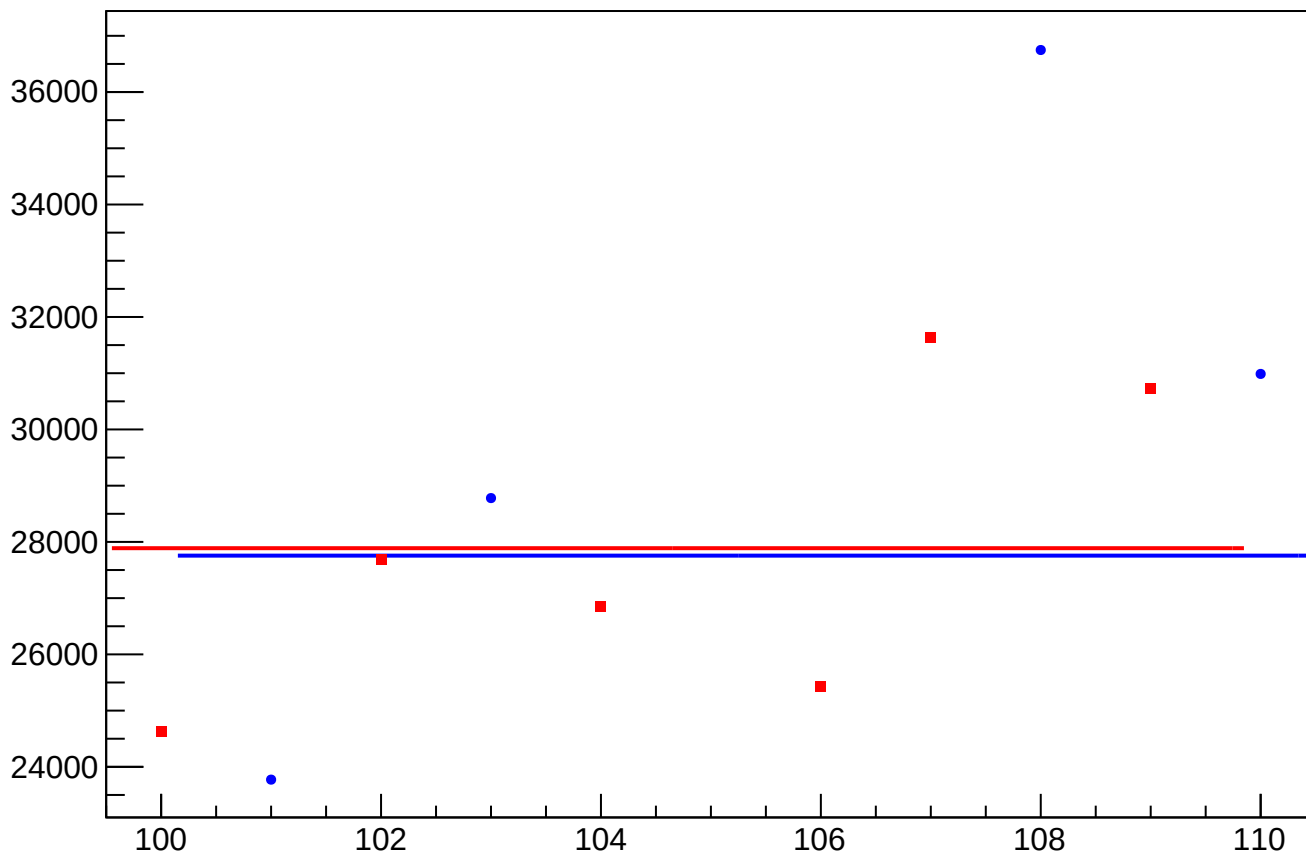
Right: -4.159 ± 13.418 χ^2/NDF : 7.0/9

In: -25.536 ± 19.722 χ^2/NDF : 2.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.159 ± 13.418 χ^2/NDF : 7.0/9

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 27756.060+/-13.945 χ^2/NDF : 93597.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27888.351+/-12.947 χ^2/NDF : 26083.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

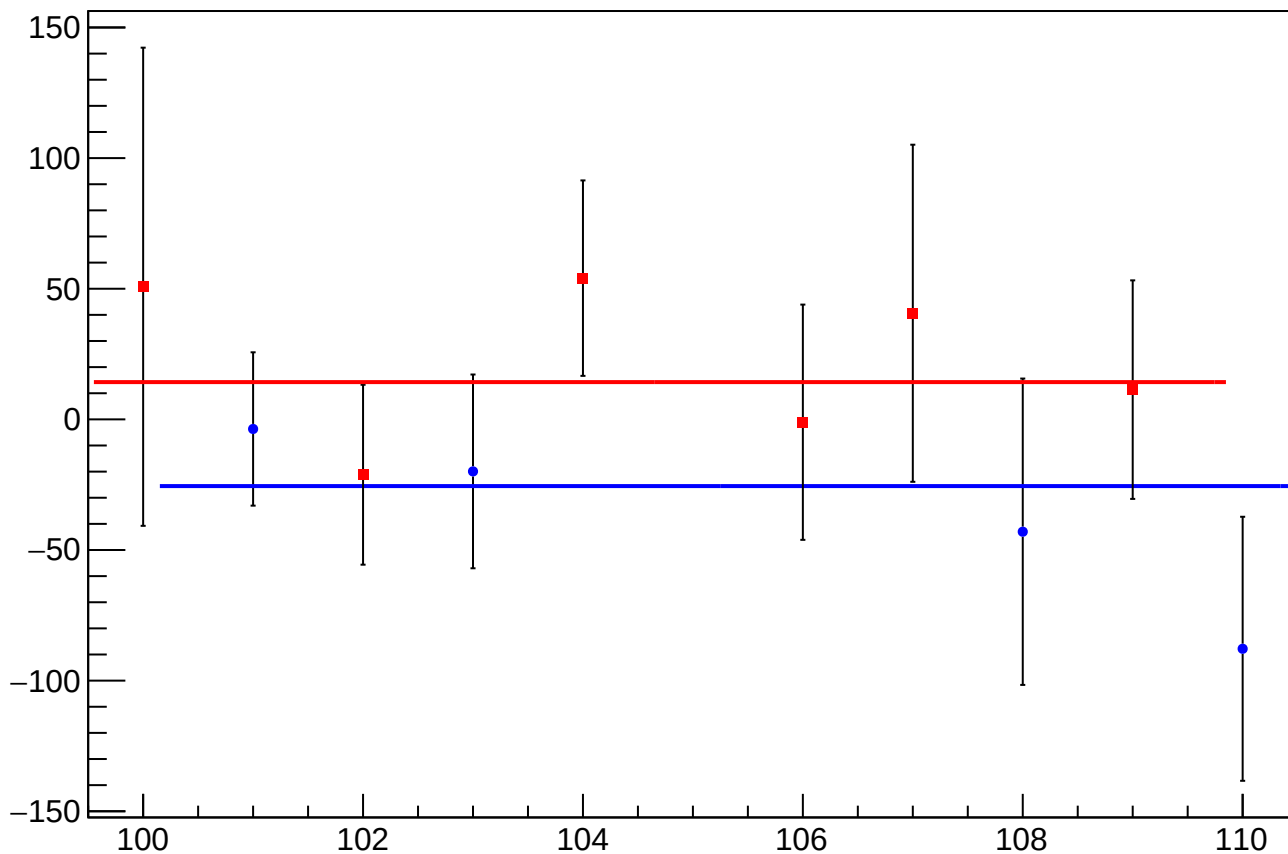
Right: 27827.113+/-9.488 χ^2/NDF : 119729.3/9

In: 27756.060+/-13.945 χ^2/NDF : 93597.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27827.113+/-9.488 χ^2/NDF : 119729.3/9

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -25.536 $\pm$ 19.722 χ^2 /NDF: 2.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.264 $\pm$ 18.309 χ^2 /NDF: 2.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

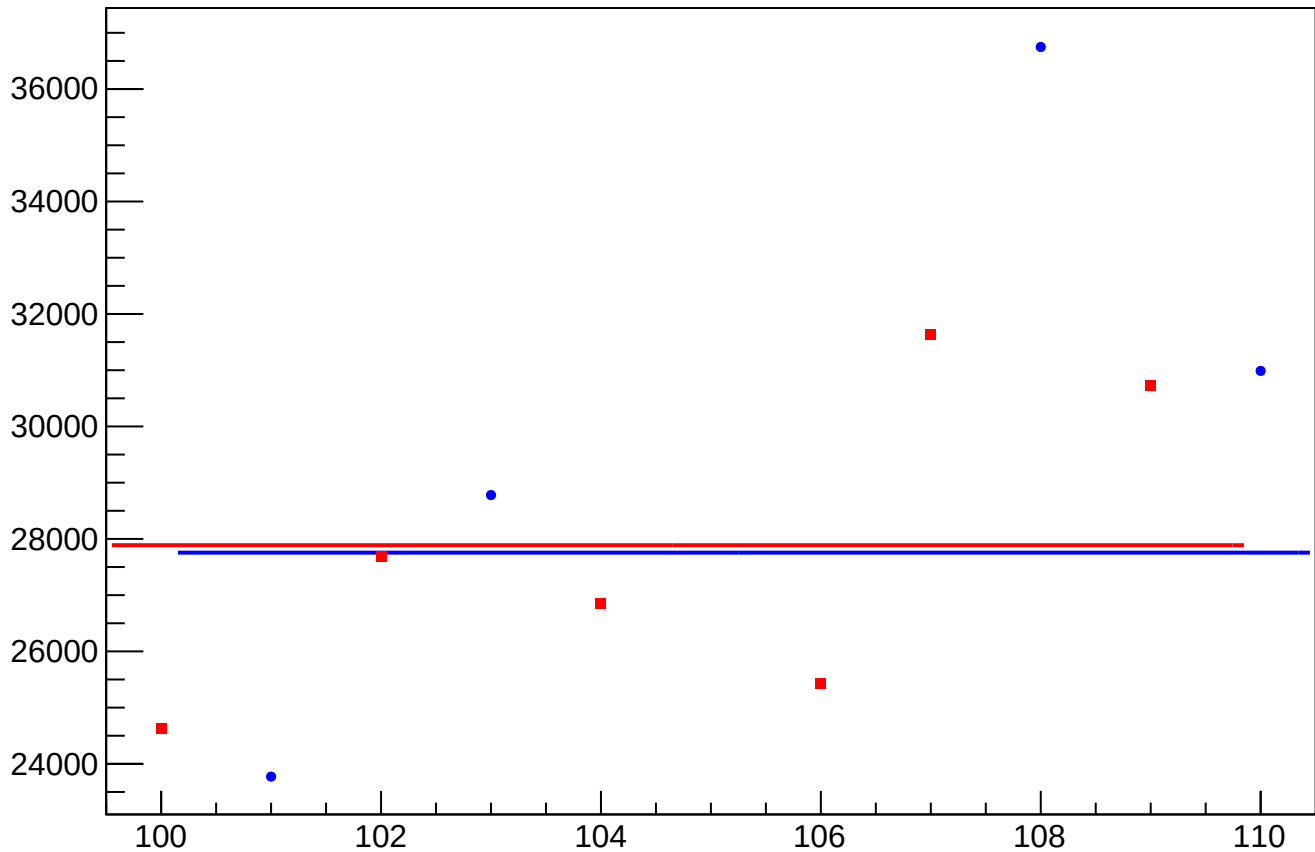
Right: -4.159 $\pm$ 13.418 χ^2 /NDF: 7.0/9

In: -25.536 $\pm$ 19.722 χ^2 /NDF: 2.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.159 $\pm$ 13.418 χ^2 /NDF: 7.0/9

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 27756.060+/-13.945 χ^2/NDF : 93597.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27888.351+/-12.947 χ^2/NDF : 26083.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

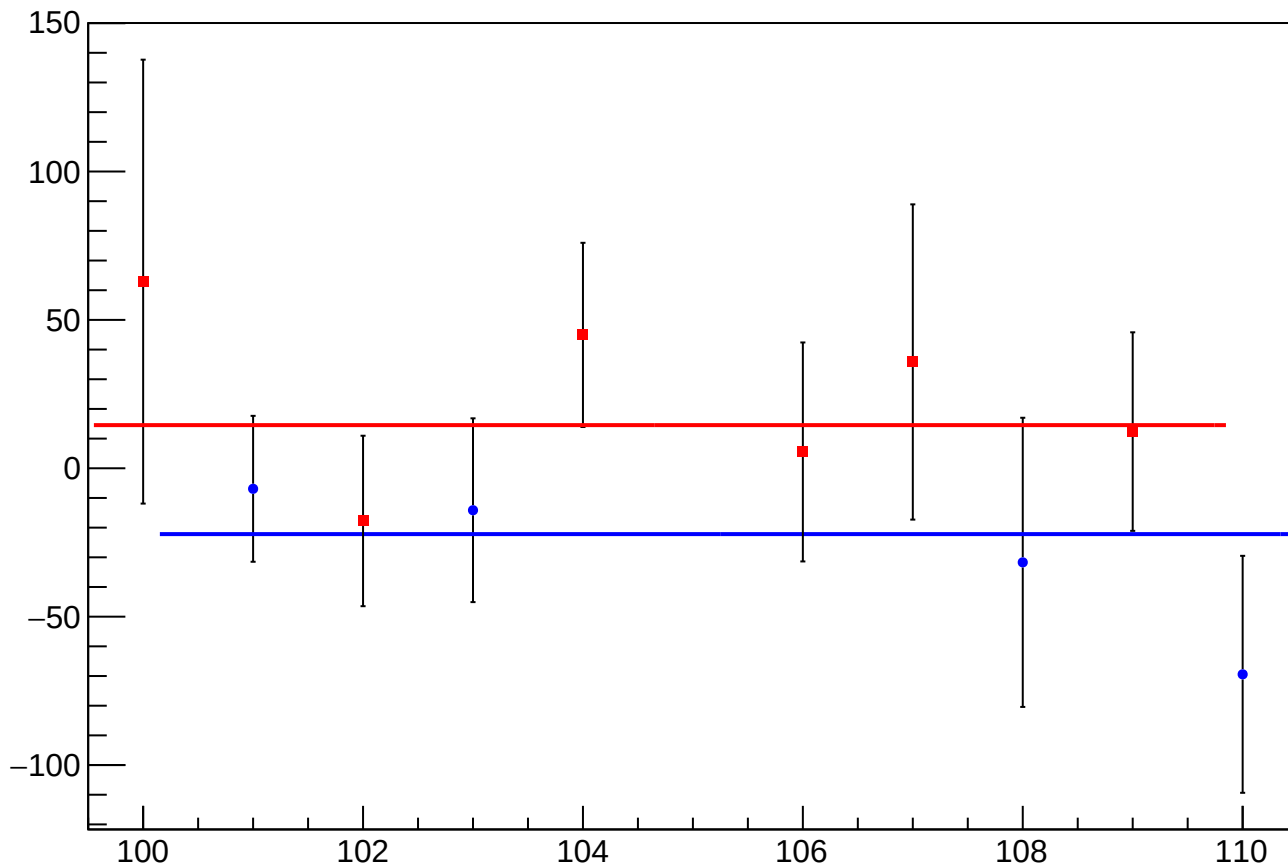
Right: 27827.113+/-9.488 χ^2/NDF : 119729.3/9

In: 27756.060+/-13.945 χ^2/NDF : 93597.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27827.113+/-9.488 χ^2/NDF : 119729.3/9

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -22.180+/-16.338 χ^2/NDF : 1.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.543+/-15.054 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

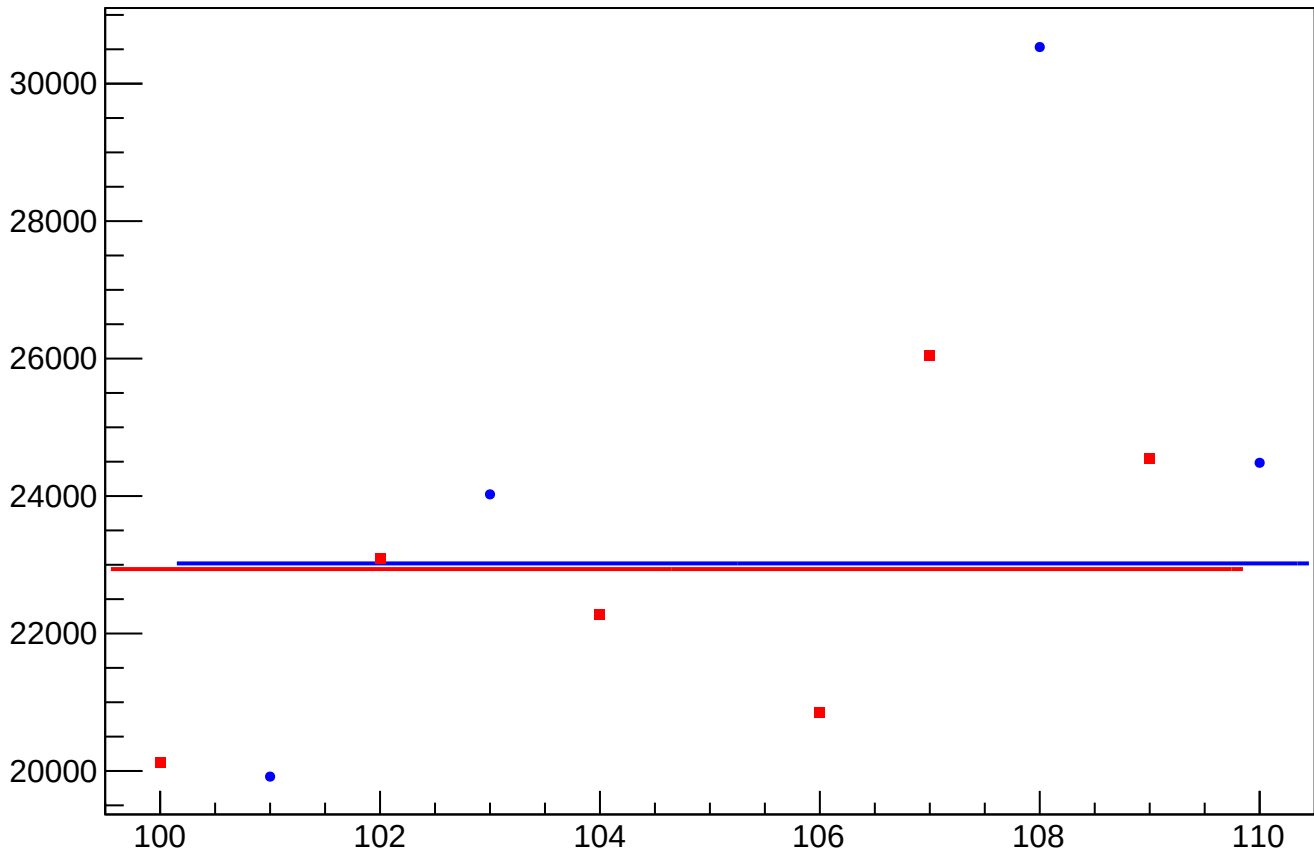
Right: -2.320+/-11.071 χ^2/NDF : 7.5/9

In: -22.180+/-16.338 χ^2/NDF : 1.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.320+/-11.071 χ^2/NDF : 7.5/9

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 23019.858+/-11.553 χ^2/NDF : 84193.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22937.542+/-10.645 χ^2/NDF : 21690.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

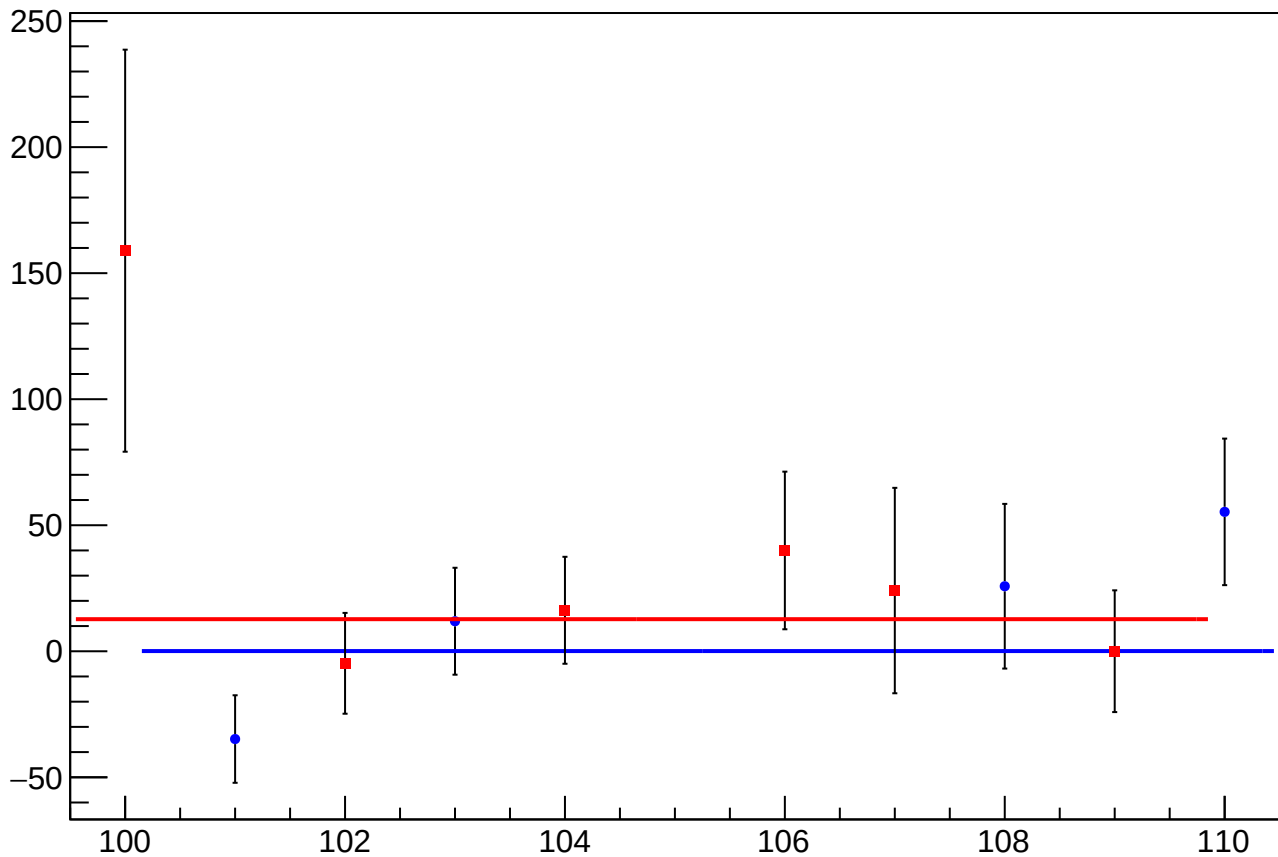
Right: 22975.340+/-7.828 χ^2/NDF : 105911.1/9

In: 23019.858+/-11.553 χ^2/NDF : 84193.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22975.340+/-7.828 χ^2/NDF : 105911.1/9

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: 0.079+/-11.425 χ^2/NDF : 8.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.729+/-11.030 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

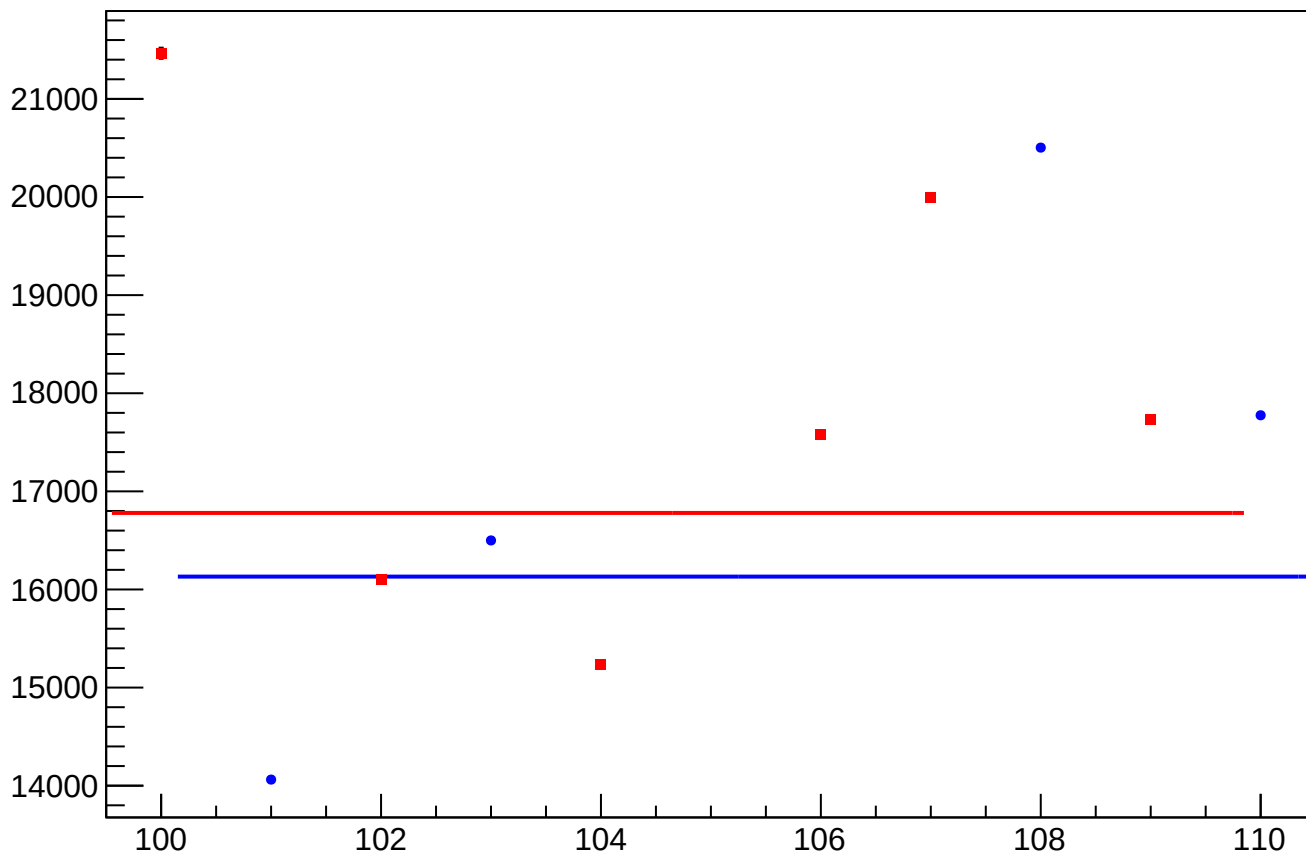
Right: 6.627+/-7.936 χ^2/NDF : 14.5/9

In: 0.079+/-11.425 χ^2/NDF : 8.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.627+/-7.936 χ^2/NDF : 14.5/9

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 16131.057+/-8.079 χ^2/NDF : 71238.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16780.061+/-7.800 χ^2/NDF : 36602.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

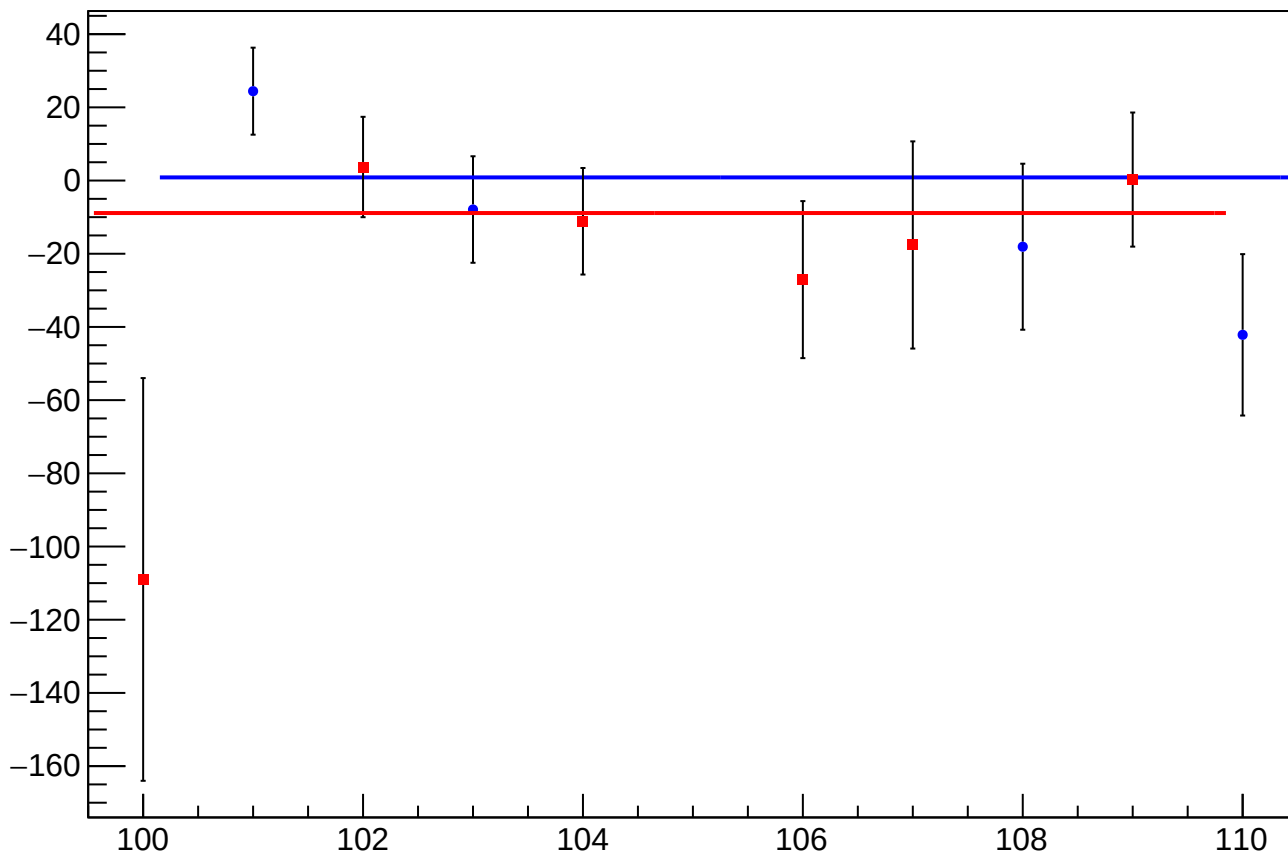
Right: 16466.967+/-5.611 χ^2/NDF : 111181.2/9

In: 16131.057+/-8.079 χ^2/NDF : 71238.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16466.967+/-5.611 χ^2/NDF : 111181.2/9

diff_bpm4aediX_mean vs Slug, Sign Corrected



Right In: 0.859+/-7.955 χ^2/NDF : 8.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.877+/-7.723 χ^2/NDF : 5.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

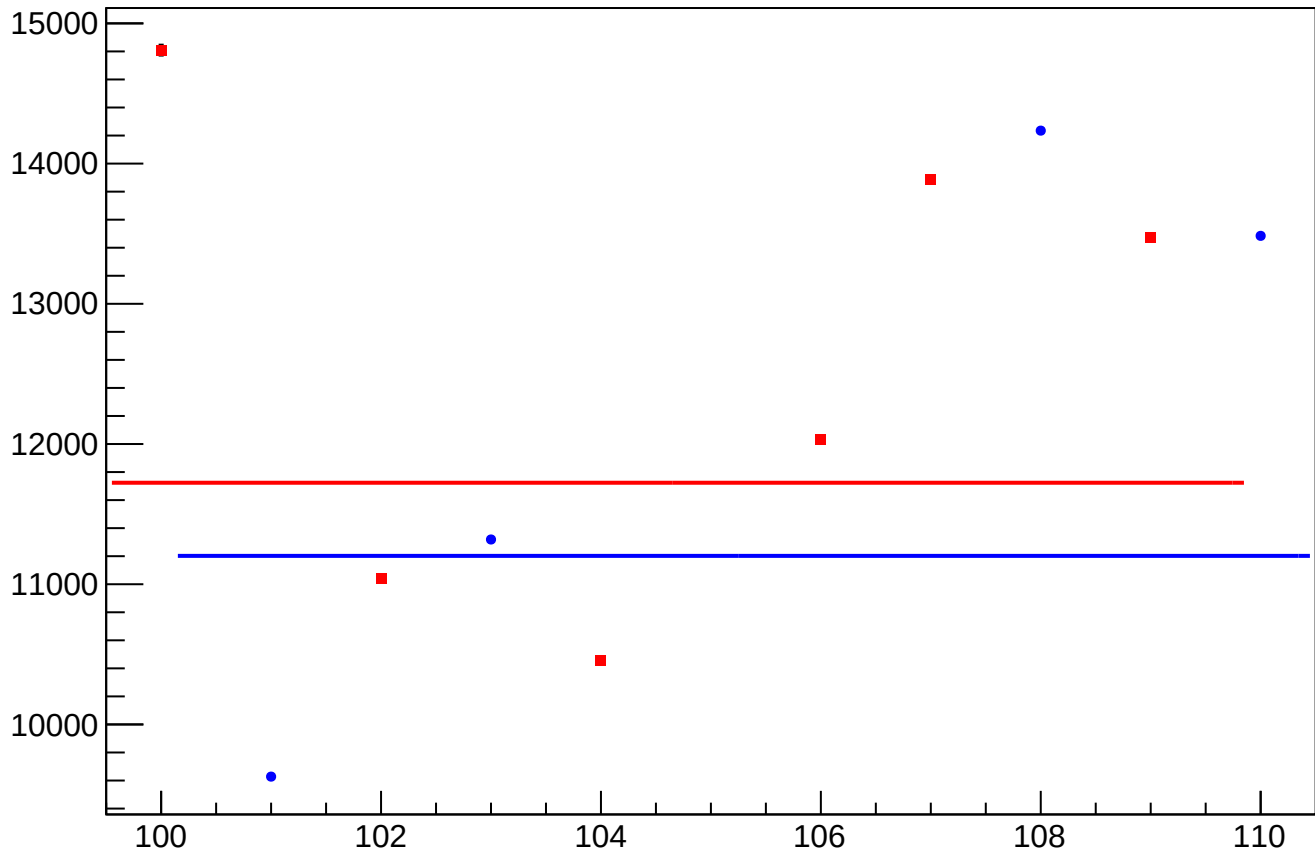
Right: -4.154+/-5.541 χ^2/NDF : 14.8/9

In: 0.859+/-7.955 χ^2/NDF : 8.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.154+/-5.541 χ^2/NDF : 14.8/9

diff_bpm4aediffX_rms vs Slug, Sign Corrected



Right In: 11202.260+/-5.625 χ^2/NDF : 92401.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11723.837+/-5.461 χ^2/NDF : 56804.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

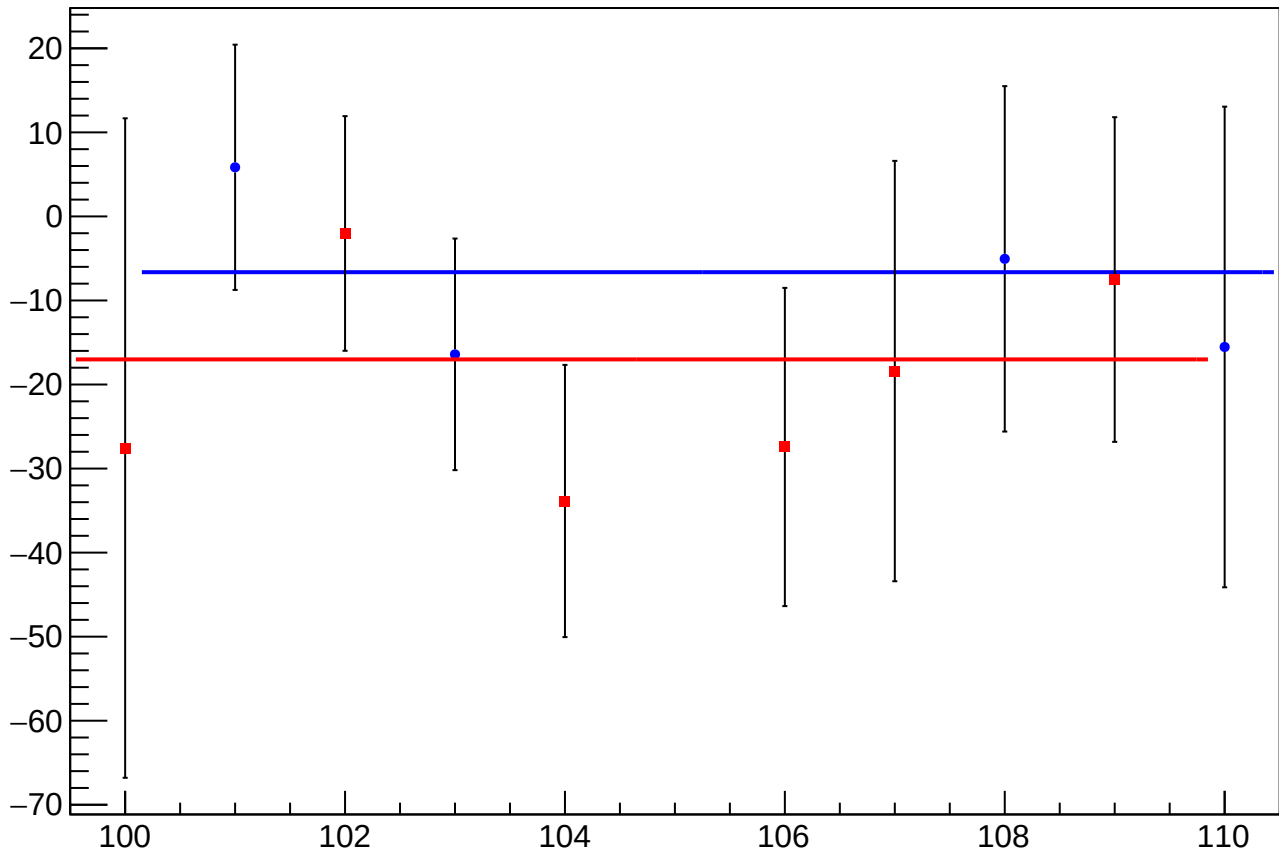
Right: 11470.782+/-3.918 χ^2/NDF : 153631.3/9

In: 11202.260+/-5.625 χ^2/NDF : 92401.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11470.782+/-3.918 χ^2/NDF : 153631.3/9

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -6.635 ± 8.588 χ^2/NDF : 1.3/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -17.013 ± 7.746 χ^2/NDF : 2.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

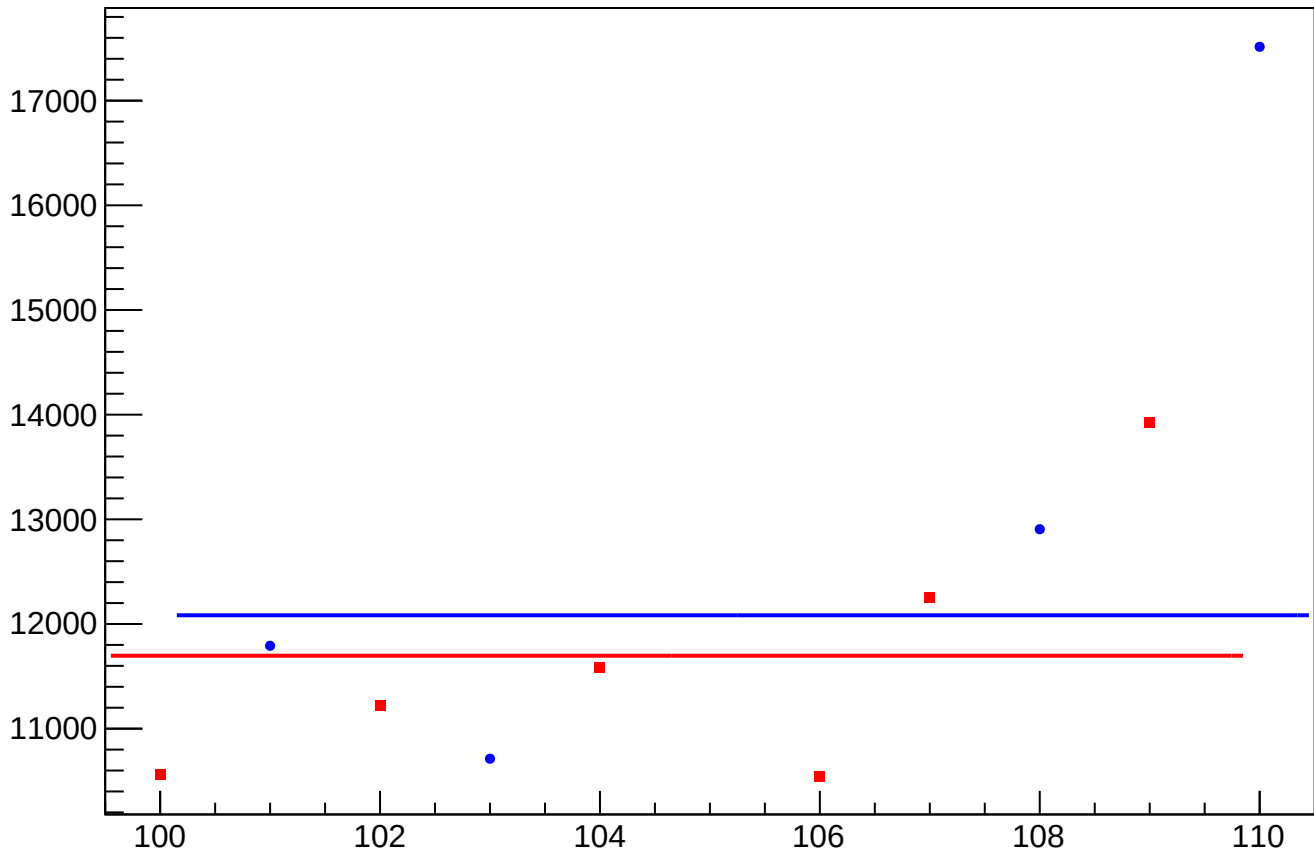
Right: -12.357 ± 5.752 χ^2/NDF : 5.0/9

In: -6.635 ± 8.588 χ^2/NDF : 1.3/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.357 ± 5.752 χ^2/NDF : 5.0/9

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 12083.375+/-6.073 χ^2/NDF : 95957.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11697.027+/-5.478 χ^2/NDF : 39184.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

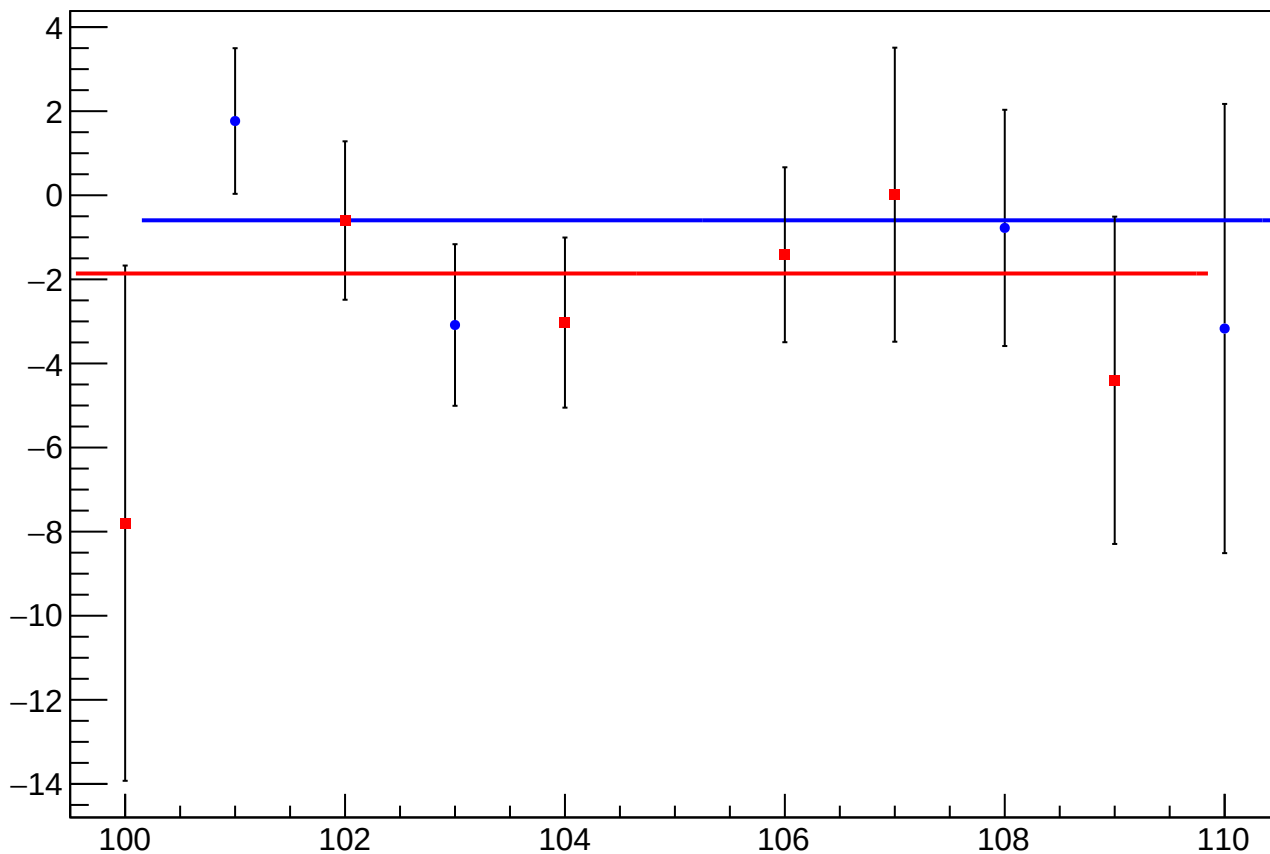
Right: 11870.343+/-4.067 χ^2/NDF : 137374.0/9

In: 12083.375+/-6.073 χ^2/NDF : 95957.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11870.343+/-4.067 χ^2/NDF : 137374.0/9

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -0.595+/-1.143 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.860+/-1.036 χ^2/NDF : 2.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

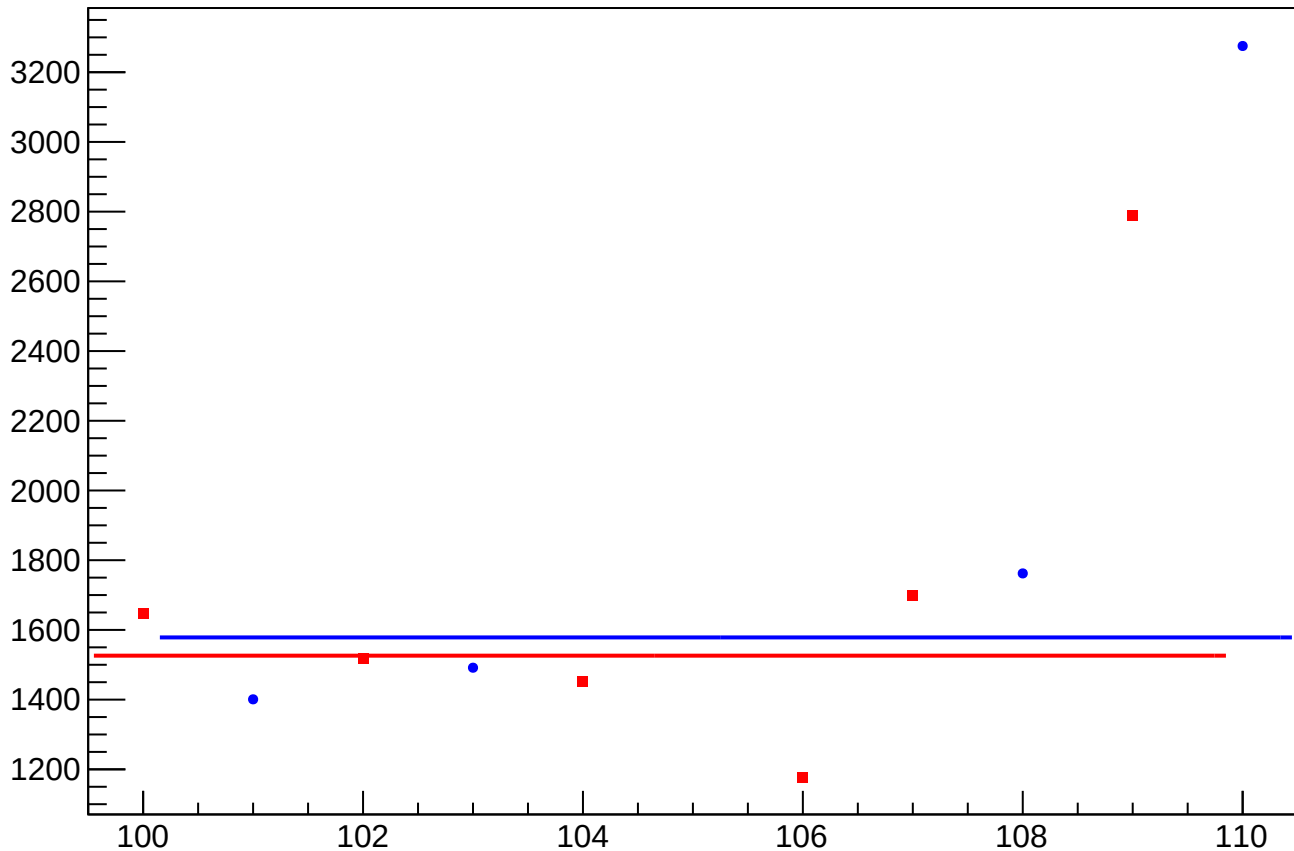
Right: -1.290+/-0.768 χ^2/NDF : 6.9/9

In: -0.595+/-1.143 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.290+/-0.768 χ^2/NDF : 6.9/9

diff_bpm4aediY_rms vs Slug, Sign Corrected



Right In: 1578.459+/-0.808 χ^2/NDF : 235462.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1526.124+/-0.733 χ^2/NDF : 275523.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

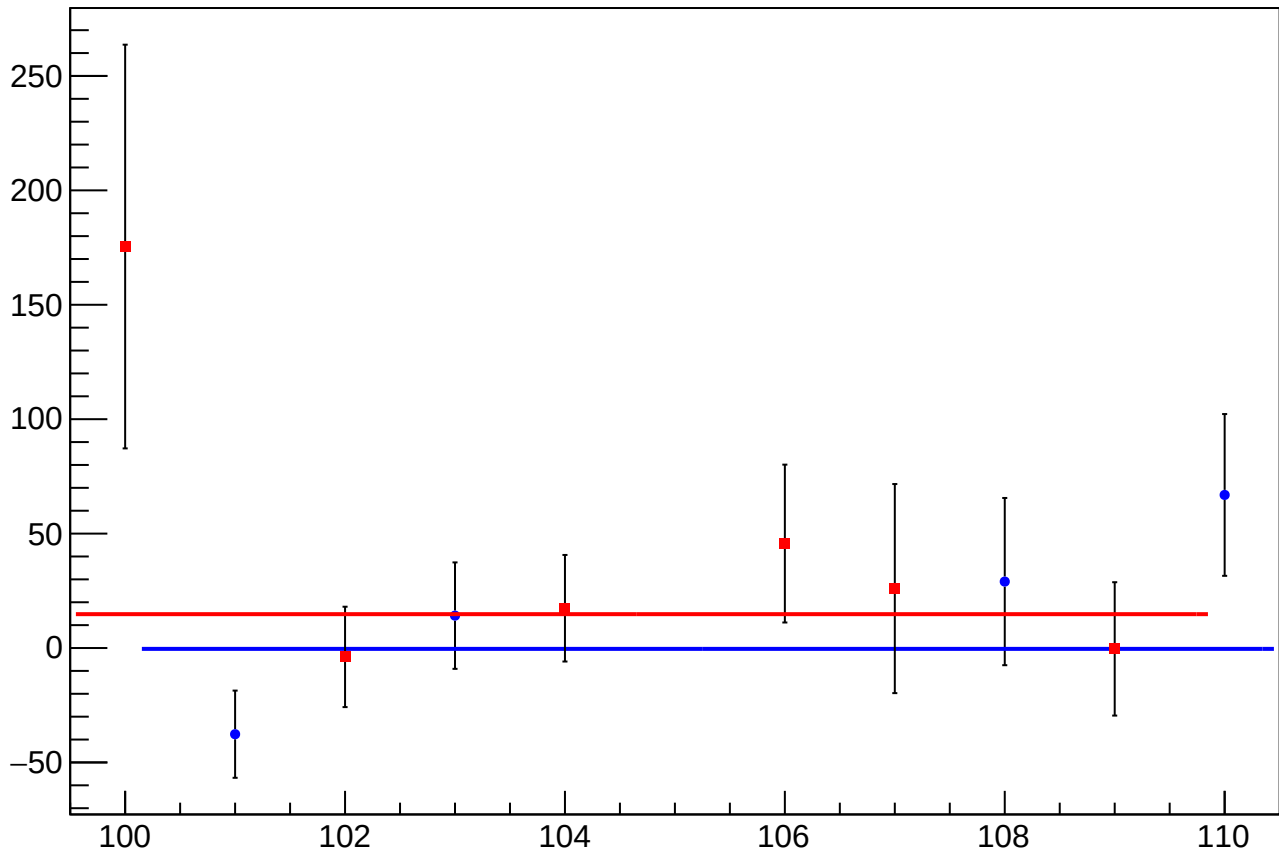
Right: 1549.738+/-0.543 χ^2/NDF : 513288.4/9

In: 1578.459+/-0.808 χ^2/NDF : 235462.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1549.738+/-0.543 χ^2/NDF : 513288.4/9

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -0.373+/-12.749 χ^2/NDF : 8.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.797+/-12.357 χ^2/NDF : 5.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

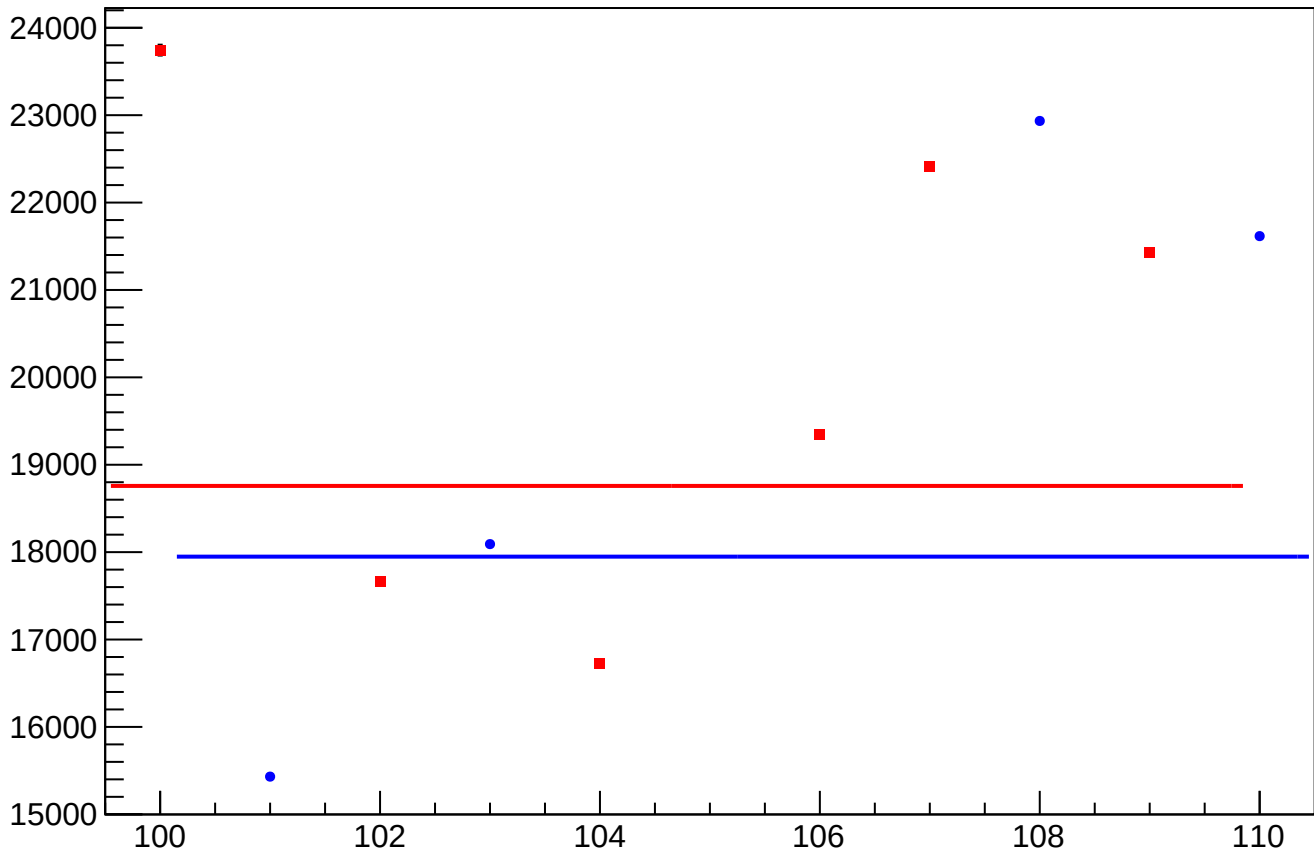
Right: 7.448+/-8.873 χ^2/NDF : 14.4/9

In: -0.373+/-12.749 χ^2/NDF : 8.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.448+/-8.873 χ^2/NDF : 14.4/9

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 17948.491+/-9.015 χ^2/NDF : 93751.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18757.713+/-8.738 χ^2/NDF : 56831.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

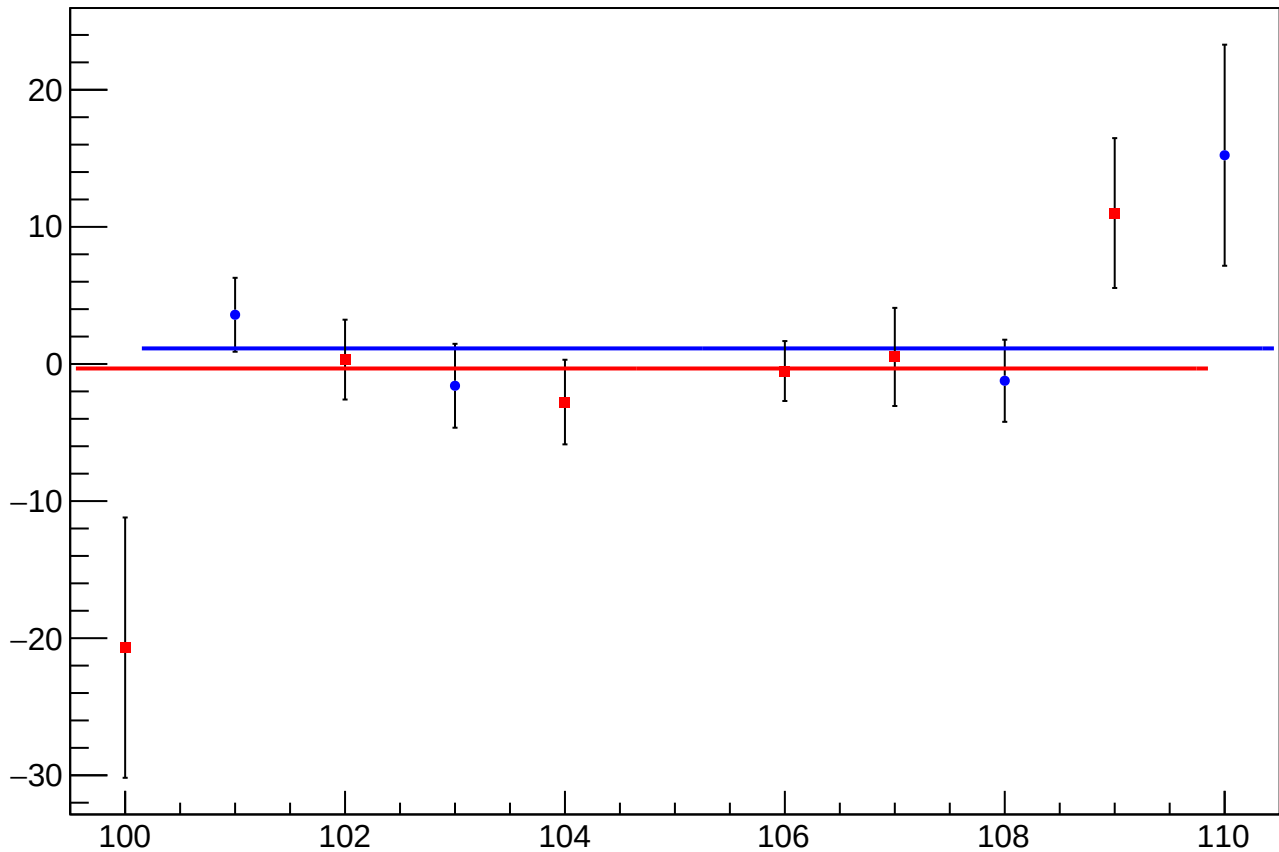
Right: 18365.714+/-6.274 χ^2/NDF : 154737.9/9

In: 17948.491+/-9.015 χ^2/NDF : 93751.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18365.714+/-6.274 χ^2/NDF : 154737.9/9

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: 1.136+/-1.641 χ^2/NDF : 5.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.329+/-1.342 χ^2/NDF : 9.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

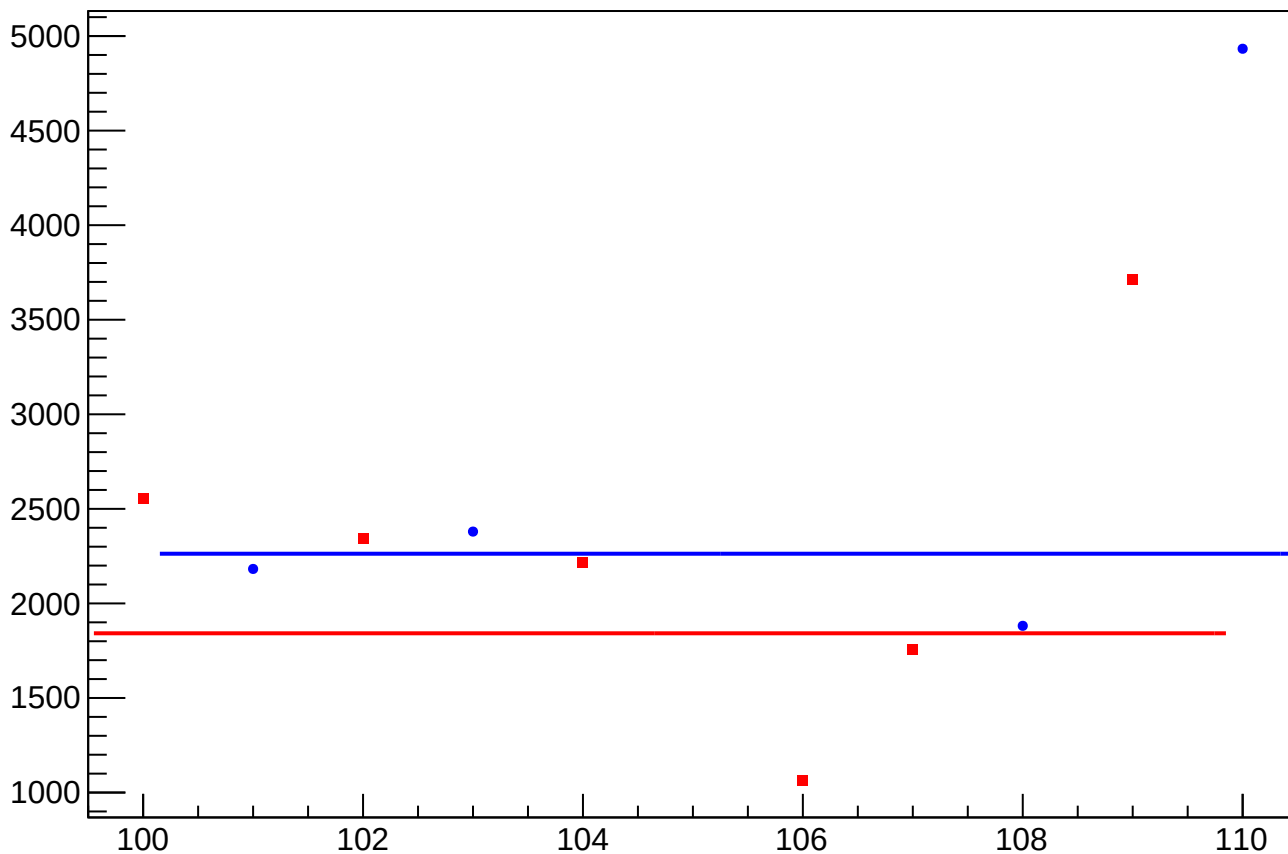
Right: 0.259+/-1.039 χ^2/NDF : 15.4/9

In: 1.136+/-1.641 χ^2/NDF : 5.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.259+/-1.039 χ^2/NDF : 15.4/9

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 2262.776+/-1.160 χ^2/NDF : 256425.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1842.052+/-0.949 χ^2/NDF : 590805.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

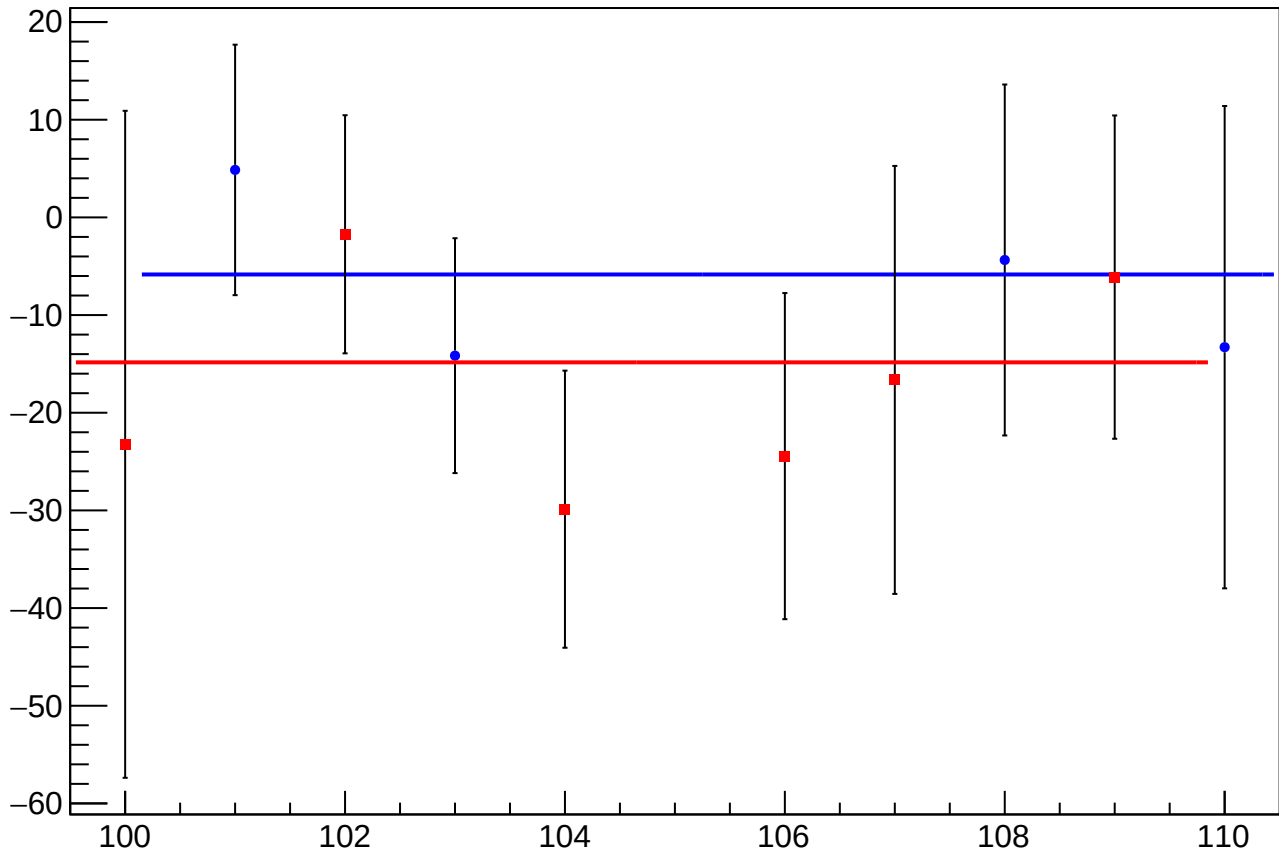
Right: 2010.707+/-0.735 χ^2/NDF : 925994.6/9

In: 2262.776+/-1.160 χ^2/NDF : 256425.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2010.707+/-0.735 χ^2/NDF : 925994.6/9

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -5.844+/-7.509 χ^2/NDF : 1.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.841+/-6.761 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

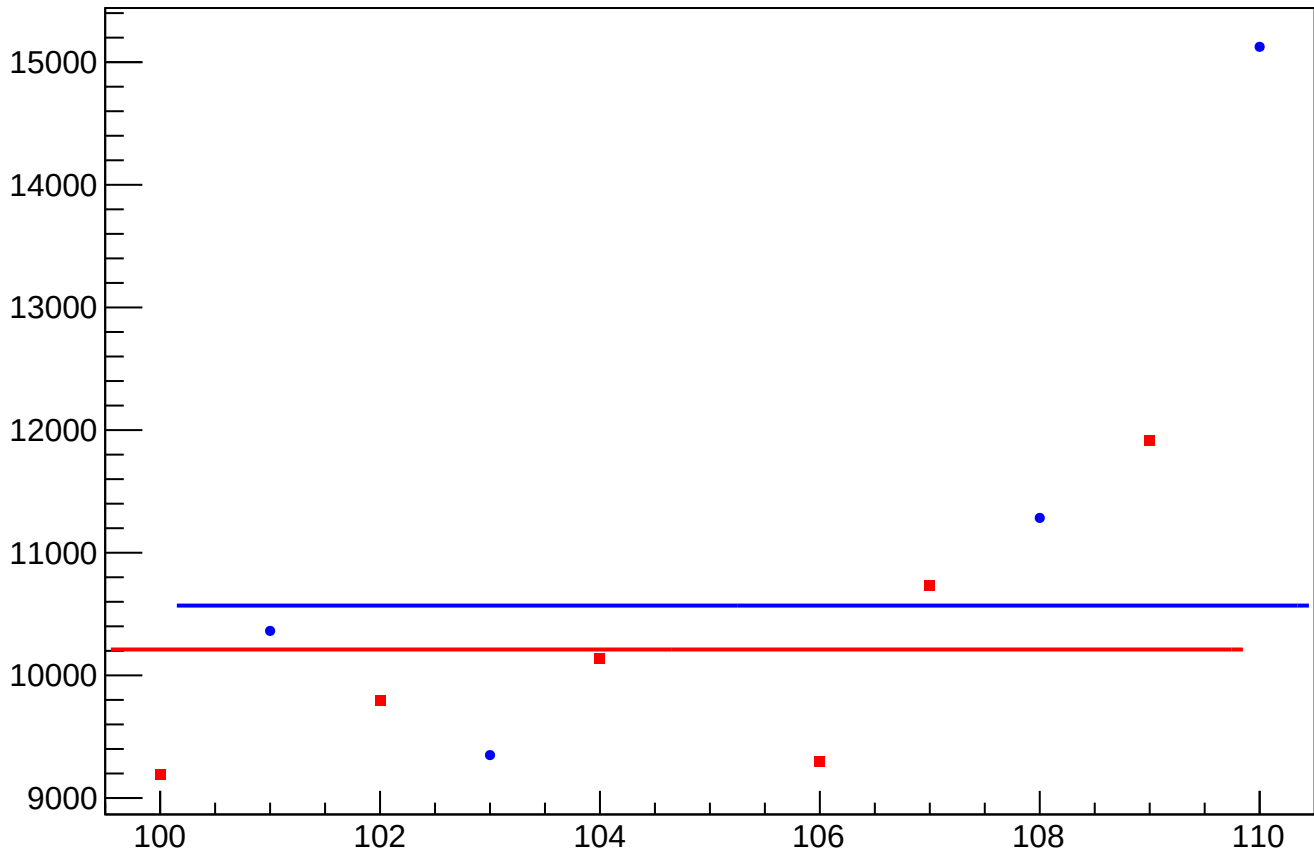
Right: -10.813+/-5.024 χ^2/NDF : 5.0/9

In: -5.844+/-7.509 χ^2/NDF : 1.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.813+/-5.024 χ^2/NDF : 5.0/9

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 10569.152+/-5.310 χ^2/NDF : 92325.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10210.984+/-4.781 χ^2/NDF : 32522.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

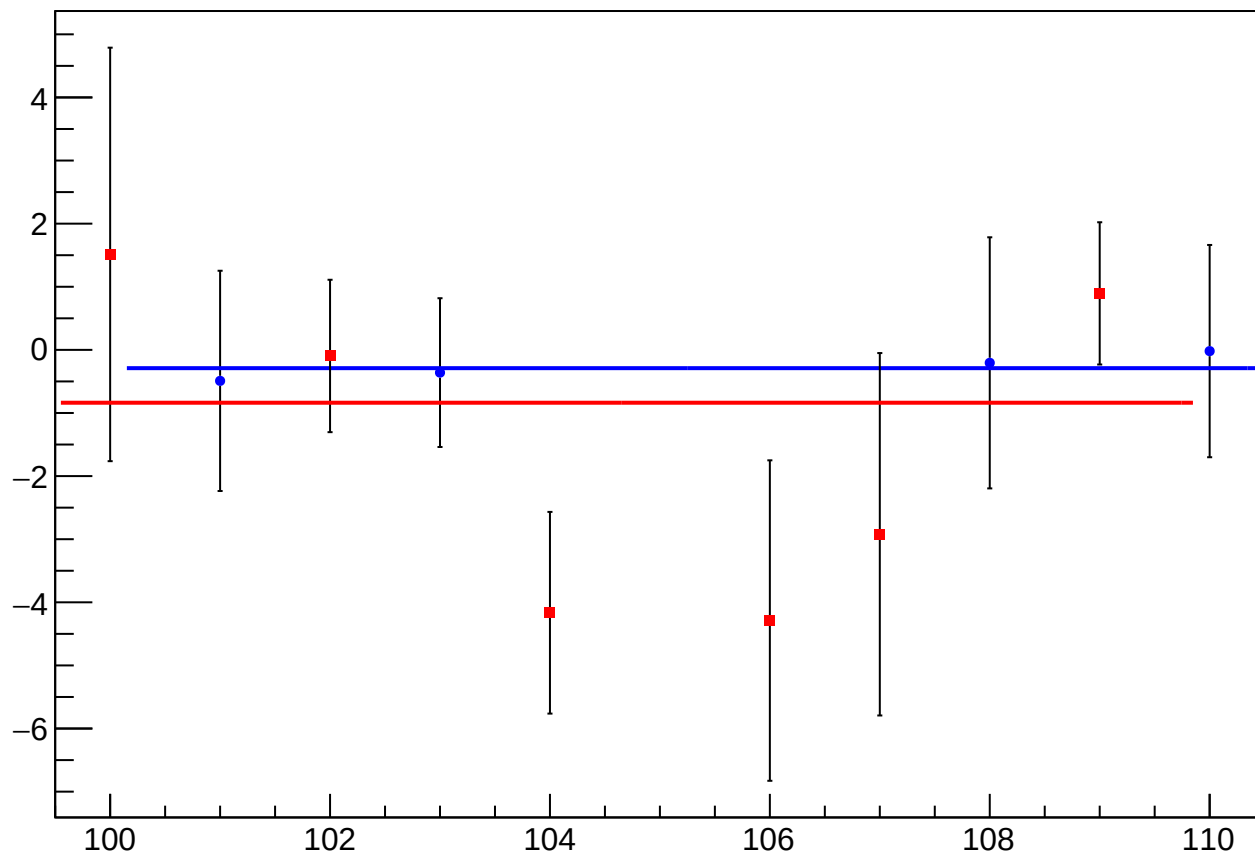
Right: 10371.346+/-3.553 χ^2/NDF : 127360.5/9

In: 10569.152+/-5.310 χ^2/NDF : 92325.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10371.346+/-3.553 χ^2/NDF : 127360.5/9

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.290+/-0.777 χ^2/NDF : 0.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.837+/-0.669 χ^2/NDF : 10.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

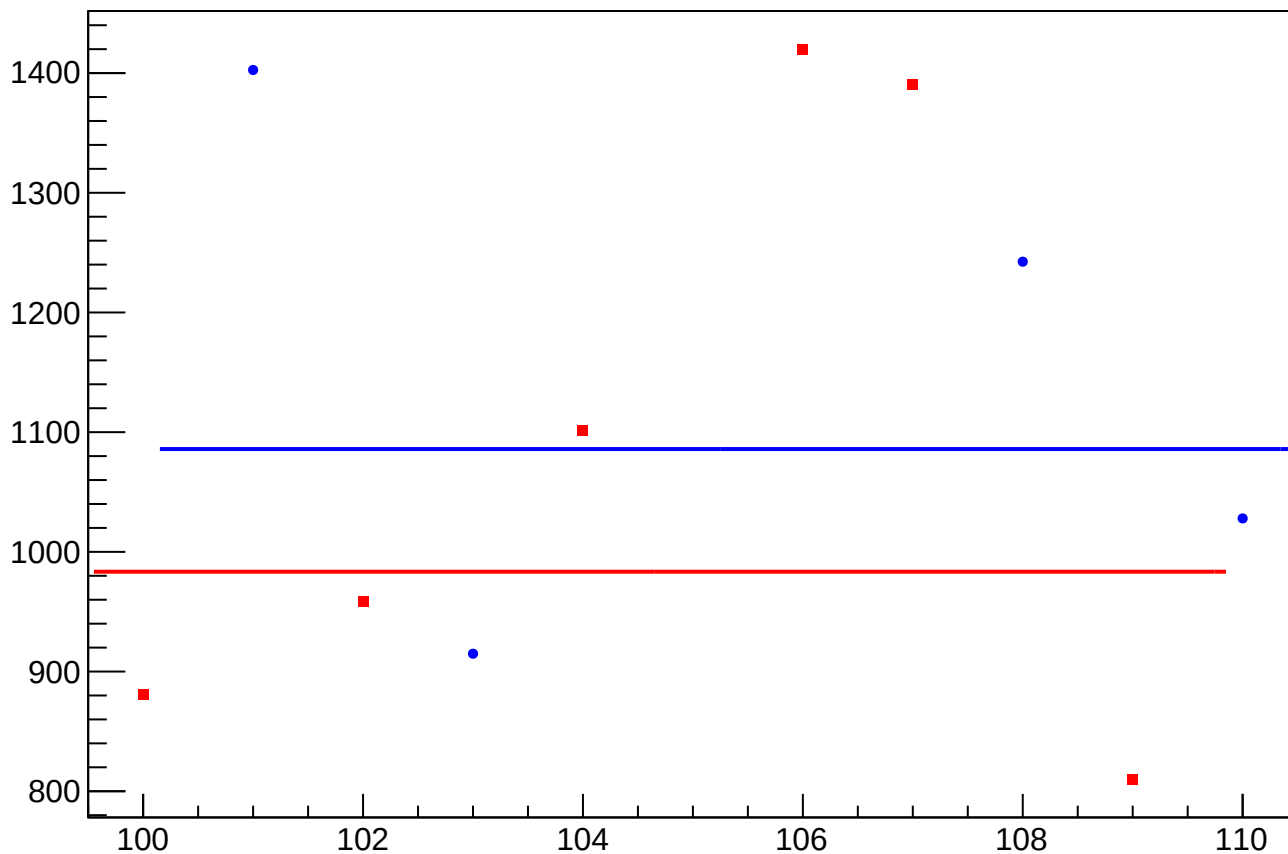
Right: -0.604+/-0.507 χ^2/NDF : 10.3/9

In: -0.290+/-0.777 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.604+/-0.507 χ^2/NDF : 10.3/9

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1085.900+/-0.550 χ^2/NDF : 122730.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 983.423+/-0.473 χ^2/NDF : 160623.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

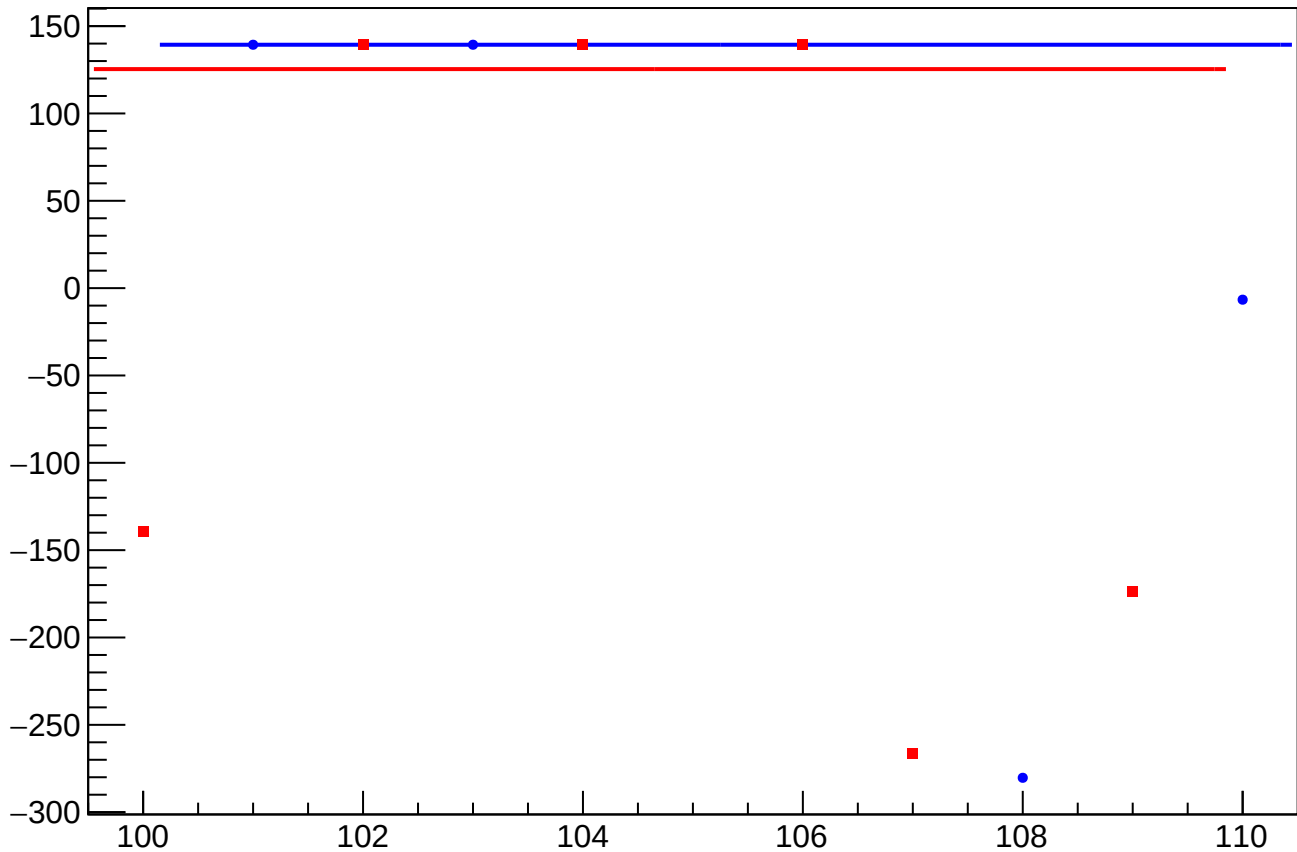
Right: 1027.015+/-0.359 χ^2/NDF : 303319.4/9

In: 1085.900+/-0.550 χ^2/NDF : 122730.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1027.015+/-0.359 χ^2/NDF : 303319.4/9

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.338+/-0.000 χ^2/NDF : 10649340253.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.393+/-0.000 χ^2/NDF : 774141815359864.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

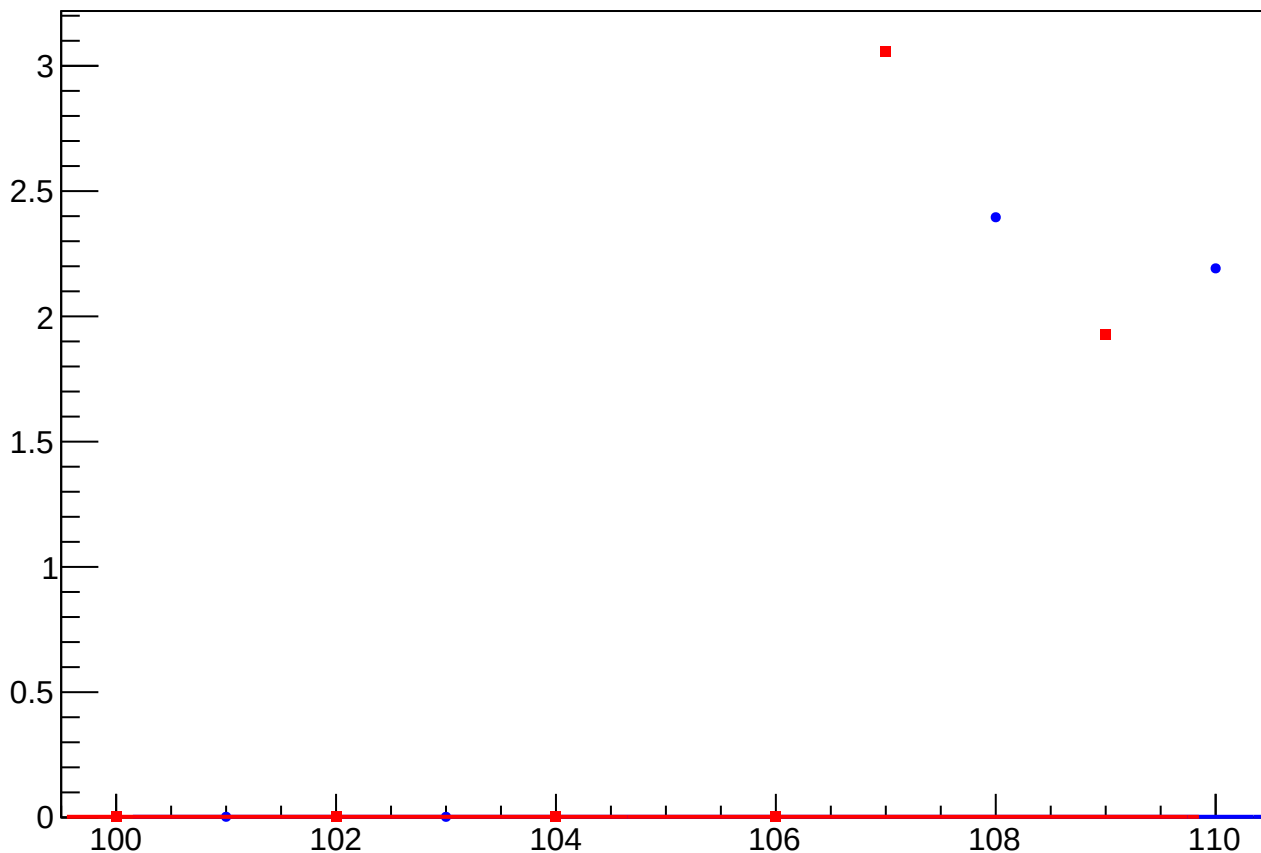
Right: 131.819+/-0.000 χ^2/NDF : 792937777742679

In: 139.338+/-0.000 χ^2/NDF : 10649340253.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.819+/-0.000 χ^2/NDF : 792937777742

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1225725.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1123163.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

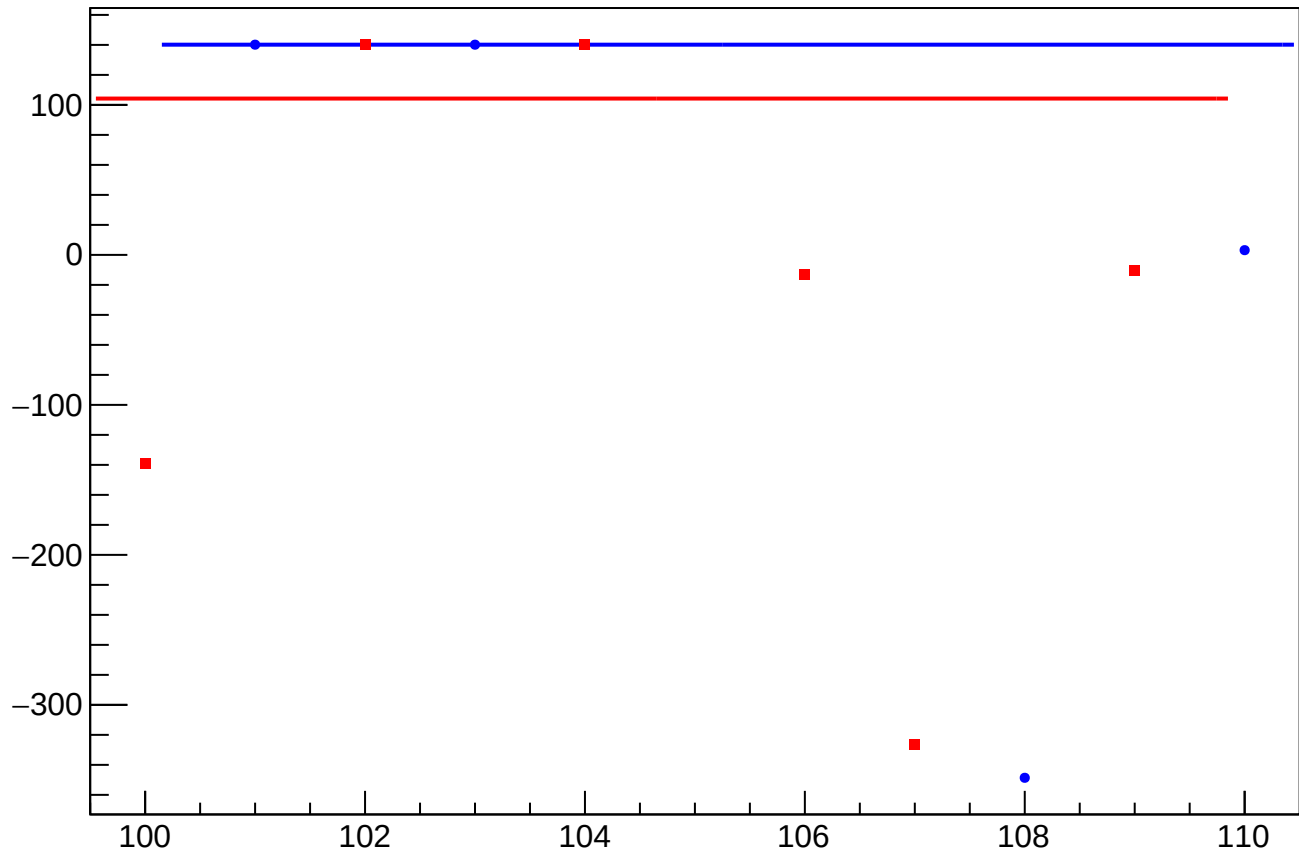
Right: 0.003+/-0.000 χ^2/NDF : 2349051.0/9

In: 0.003+/-0.000 χ^2/NDF : 1225725.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2349051.0/9

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.149+/-0.000 χ^2/NDF : 6057142887.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.227+/-0.000 χ^2/NDF : 1257297699744696.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

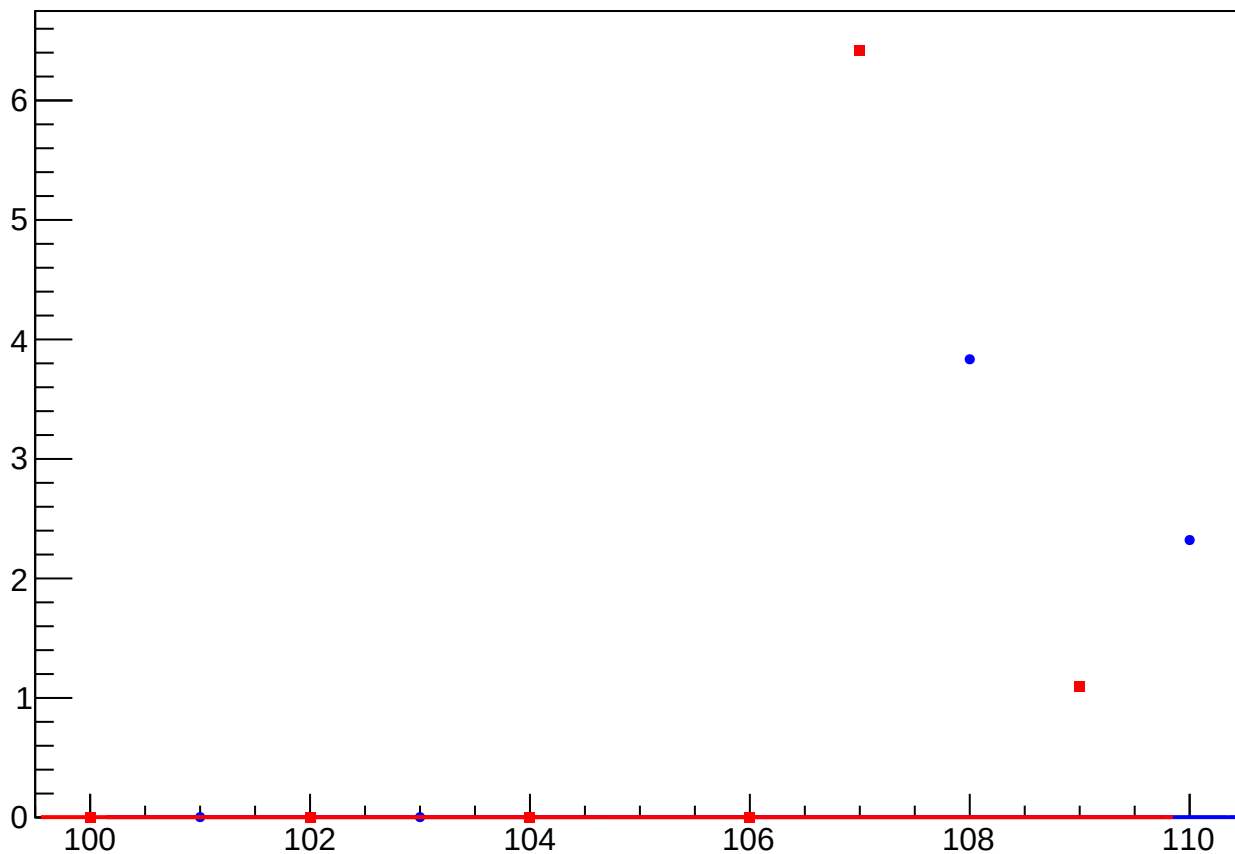
Right: 120.836+/-0.000 χ^2/NDF : 138062115319524

In: 140.149+/-0.000 χ^2/NDF : 6057142887.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.836+/-0.000 χ^2/NDF : 138062115319

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1254703.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 900016.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

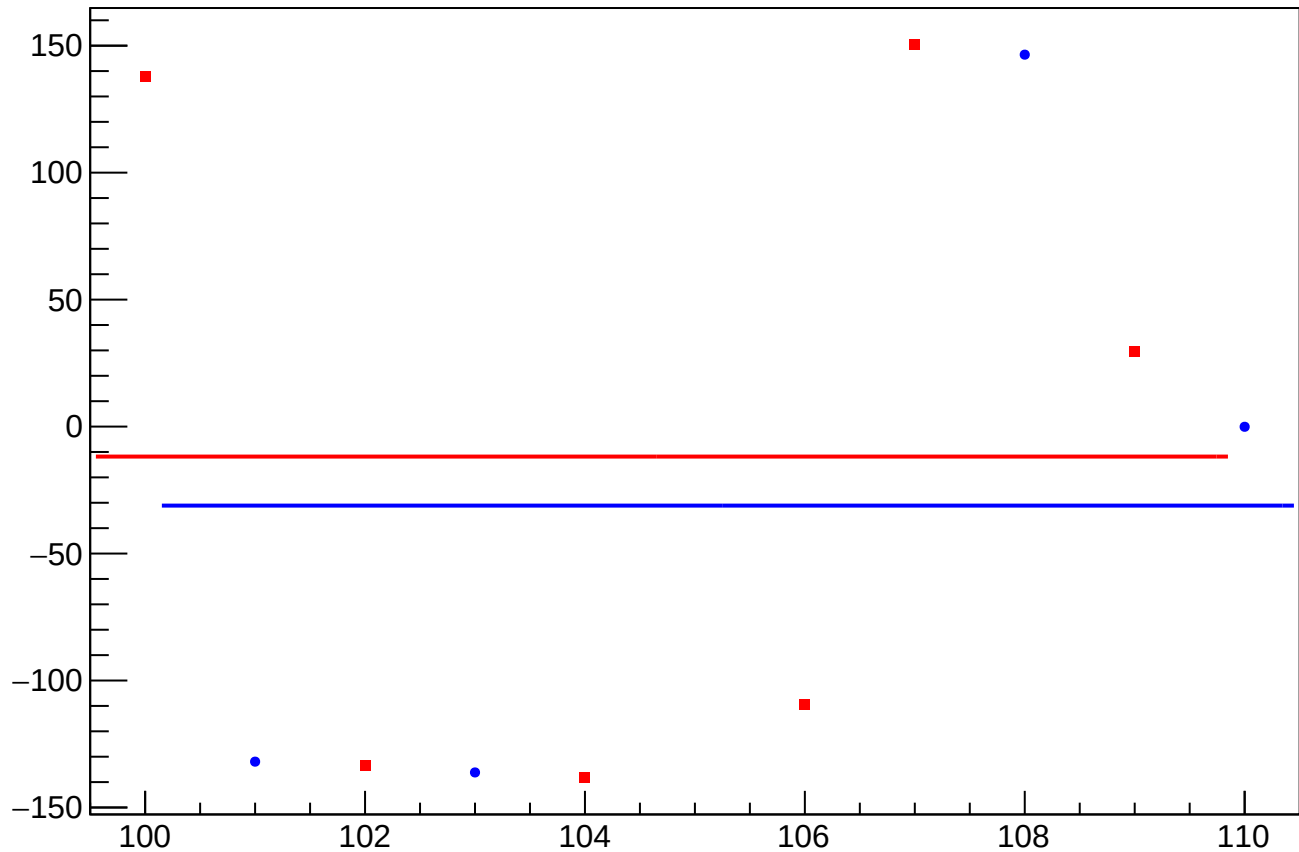
Right: 0.003+/-0.000 χ^2/NDF : 2154870.5/9

In: 0.003+/-0.000 χ^2/NDF : 1254703.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2154870.5/9

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -31.116 $\pm$ 0.001 χ^2 /NDF: 8658101870.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.808 $\pm$ 0.001 χ^2 /NDF: 3510900142.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

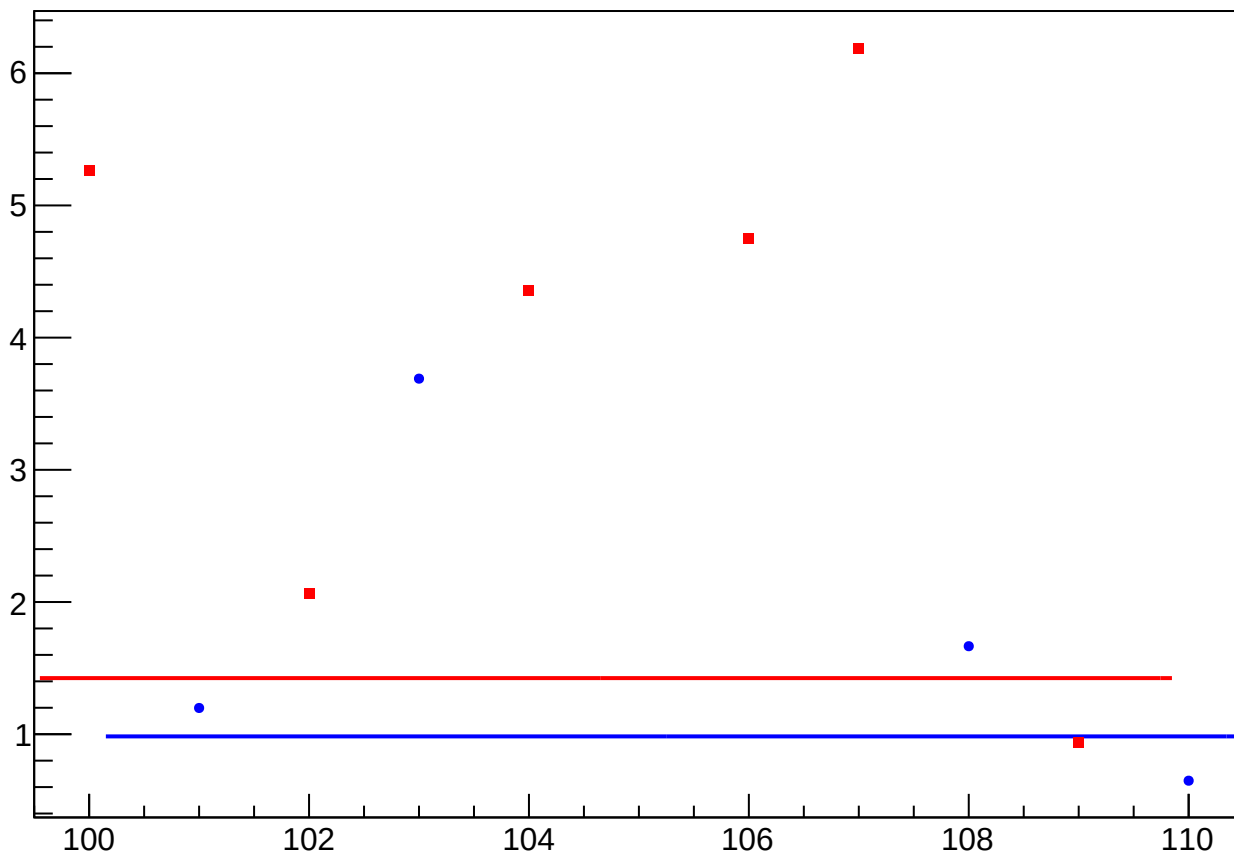
Right: -24.741 $\pm$ 0.001 χ^2 /NDF: 12330692839.4/9

In: -31.116 $\pm$ 0.001 χ^2 /NDF:8658101870.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.741 $\pm$ 0.001 χ^2 /NDF: 12330692839.4

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.983+/-0.001 χ^2/NDF : 842642.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.424+/-0.001 χ^2/NDF : 1288143.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

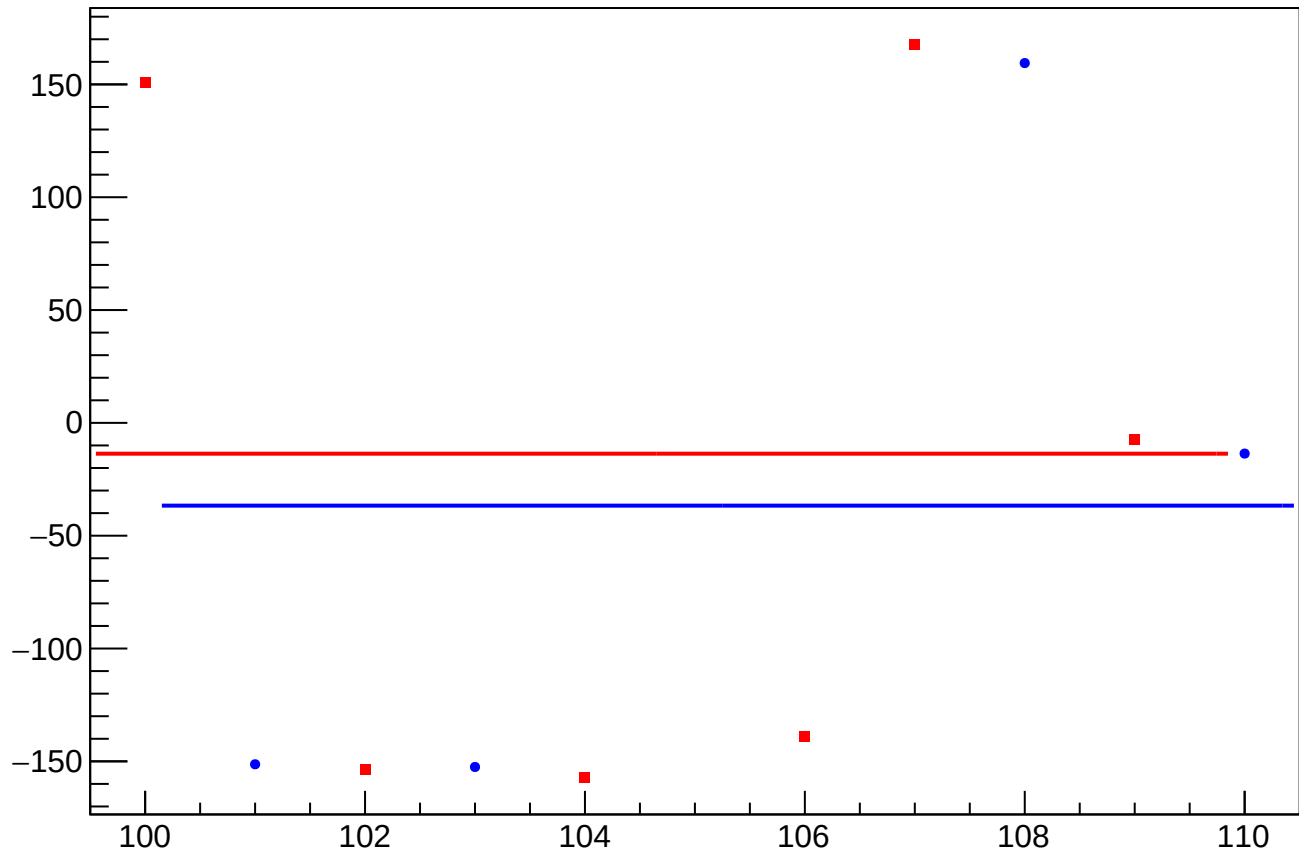
Right: 1.129+/-0.001 χ^2/NDF : 2299462.5/9

In: 0.983+/-0.001 χ^2/NDF : 842642.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.129+/-0.001 χ^2/NDF : 2299462.5/9

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -36.678+/-0.002 χ^2/NDF : 3111983938.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.656+/-0.001 χ^2/NDF : 1279194005.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

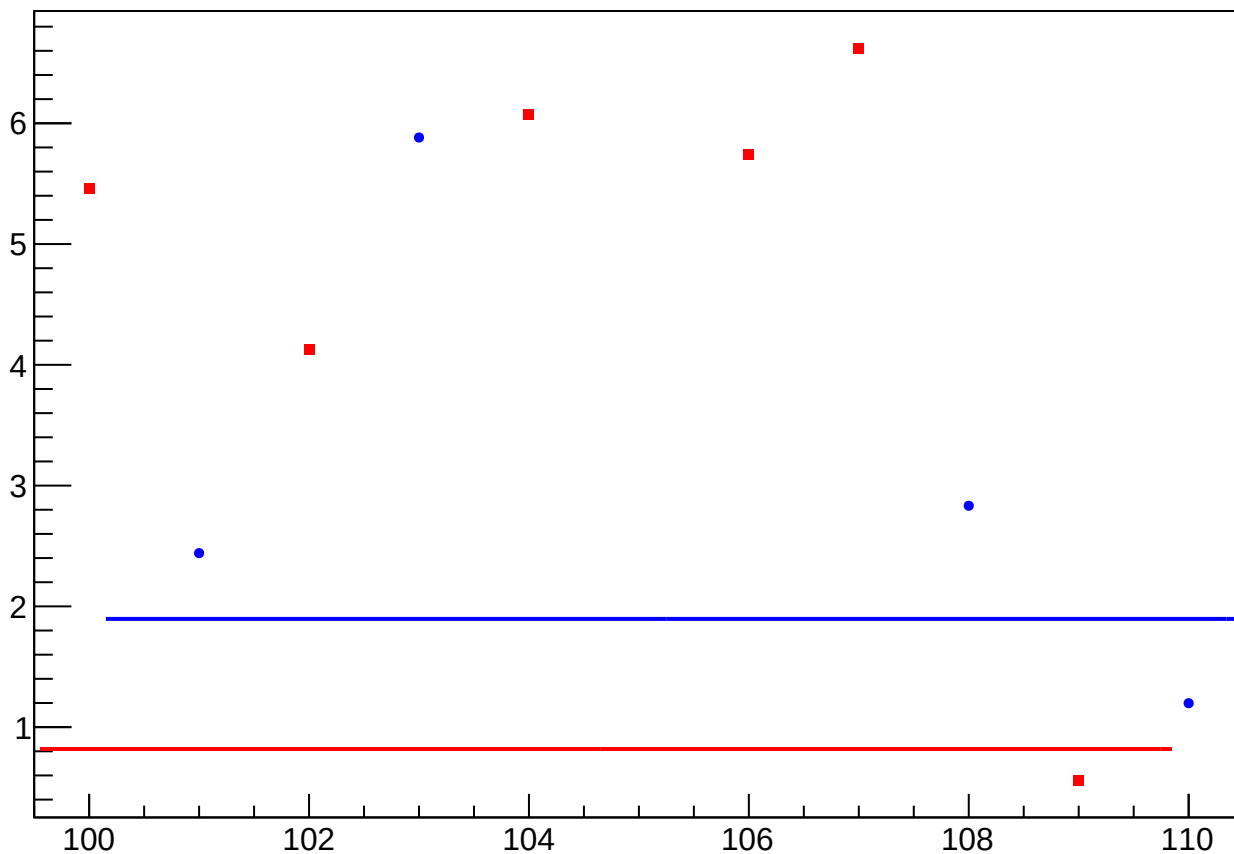
Right: -19.918+/-0.001 χ^2/NDF : 4536321604.0/9

In: -36.678+/-0.002 χ^2/NDF : 3111983938.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.918+/-0.001 χ^2/NDF : 4536321604.0/9

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 1.896+/-0.001 χ^2/NDF : 886970.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.819+/-0.001 χ^2/NDF : 2307950.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

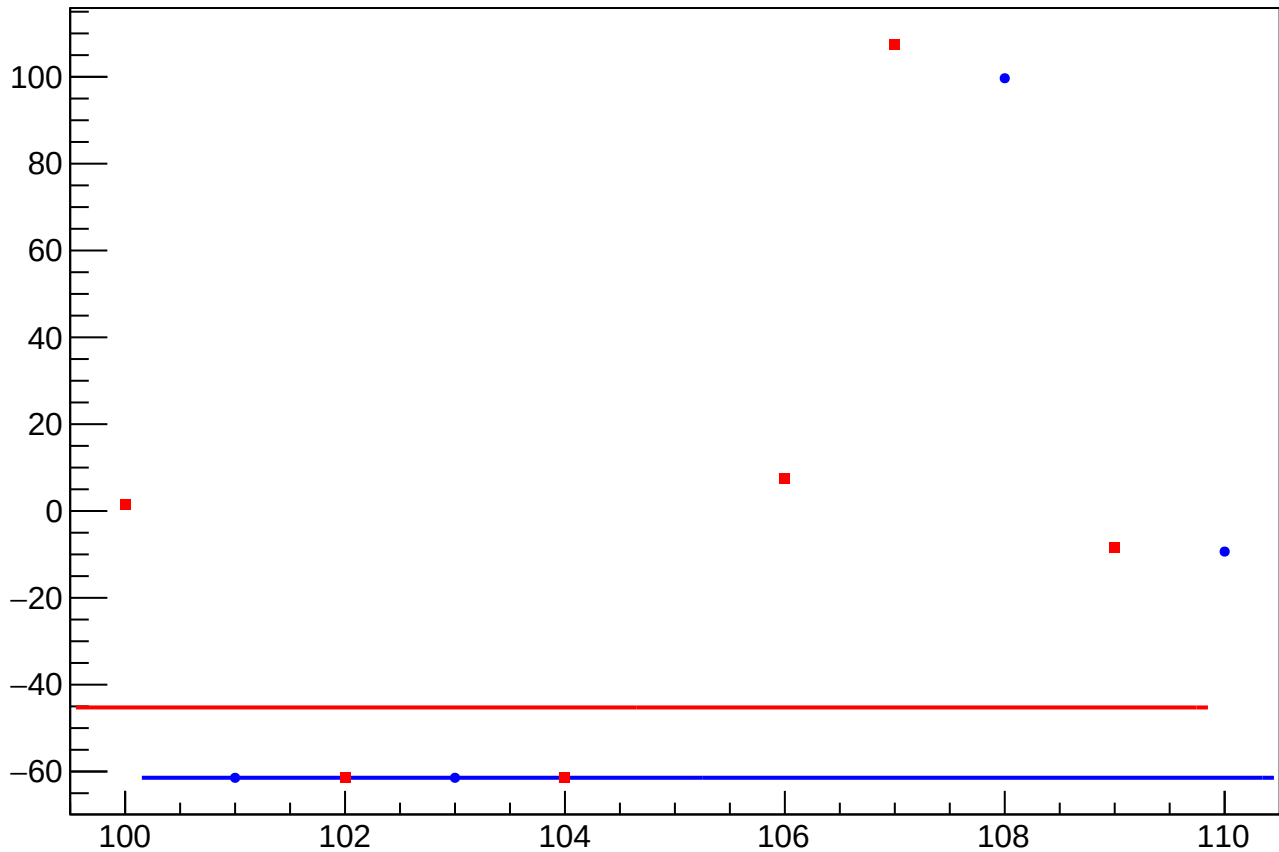
Right: 1.112+/-0.001 χ^2/NDF : 3830514.0/9

In: 1.896+/-0.001 χ^2/NDF : 886970.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.112+/-0.001 χ^2/NDF : 3830514.0/9

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.440+/-0.000 χ^2/NDF : 189036354951.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.247+/-0.000 χ^2/NDF : 357829993504138.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

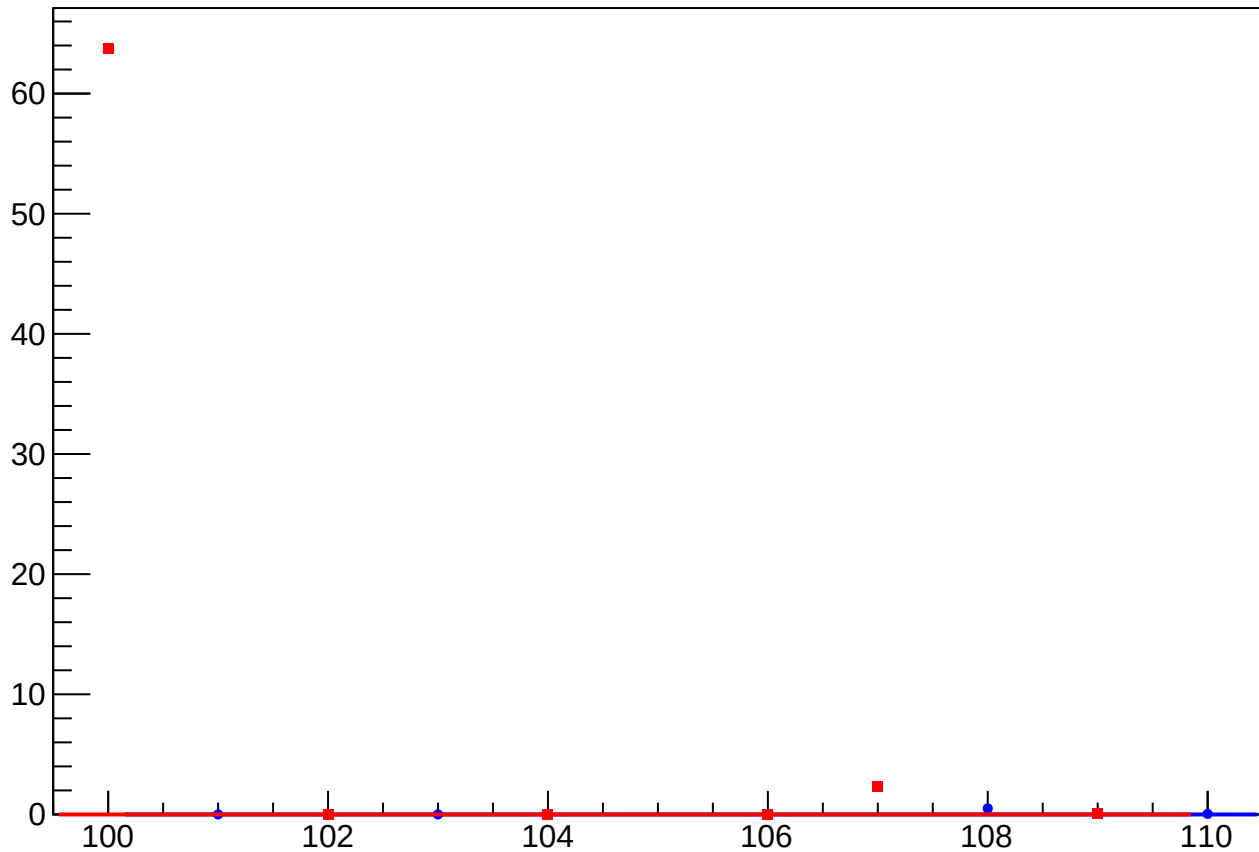
Right: -52.752+/-0.000 χ^2/NDF : 409004840328395

In: -61.440+/-0.000 χ^2/NDF : 189036354951.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.752+/-0.000 χ^2/NDF : 409004840328

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 882450.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 898254.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

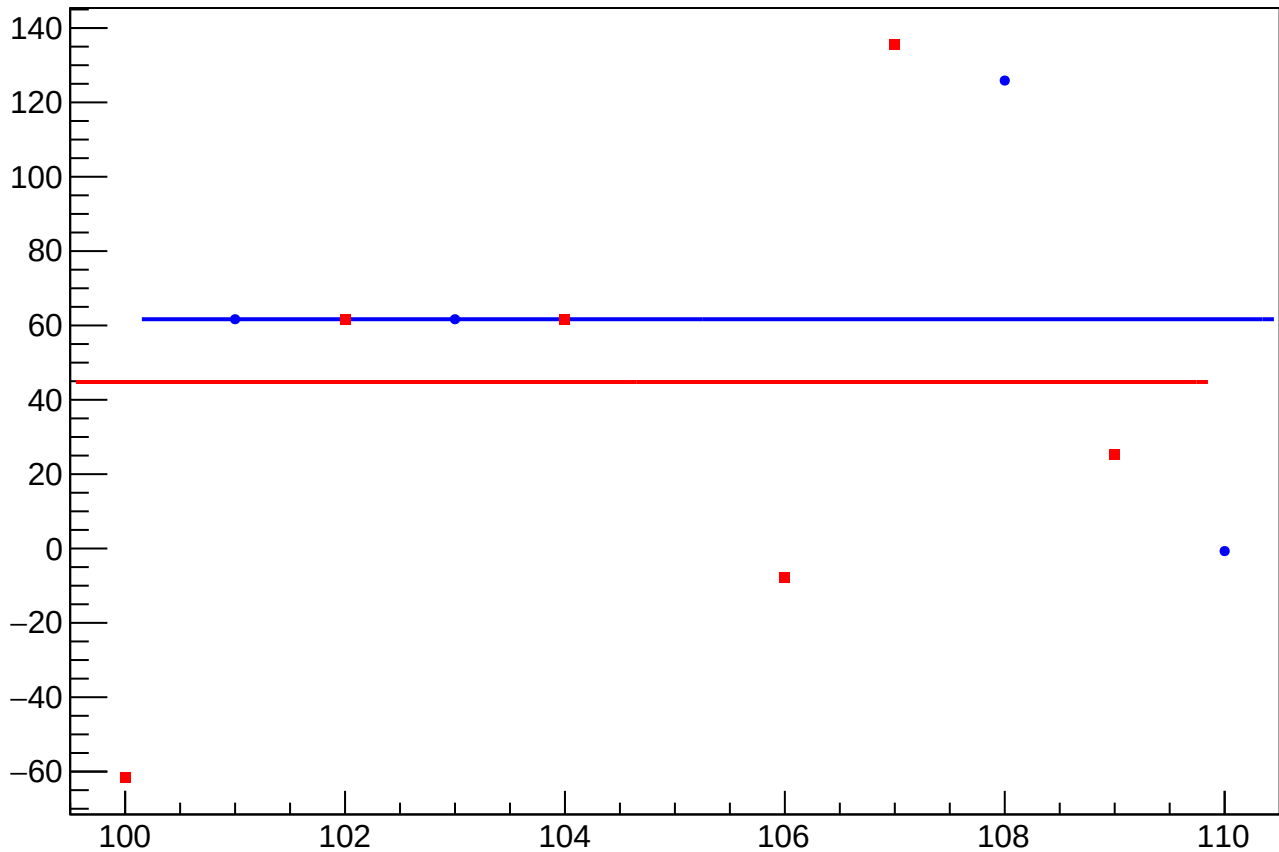
Right: 0.001+/-0.000 χ^2/NDF : 1780706.8/9

In: 0.001+/-0.000 χ^2/NDF : 882450.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

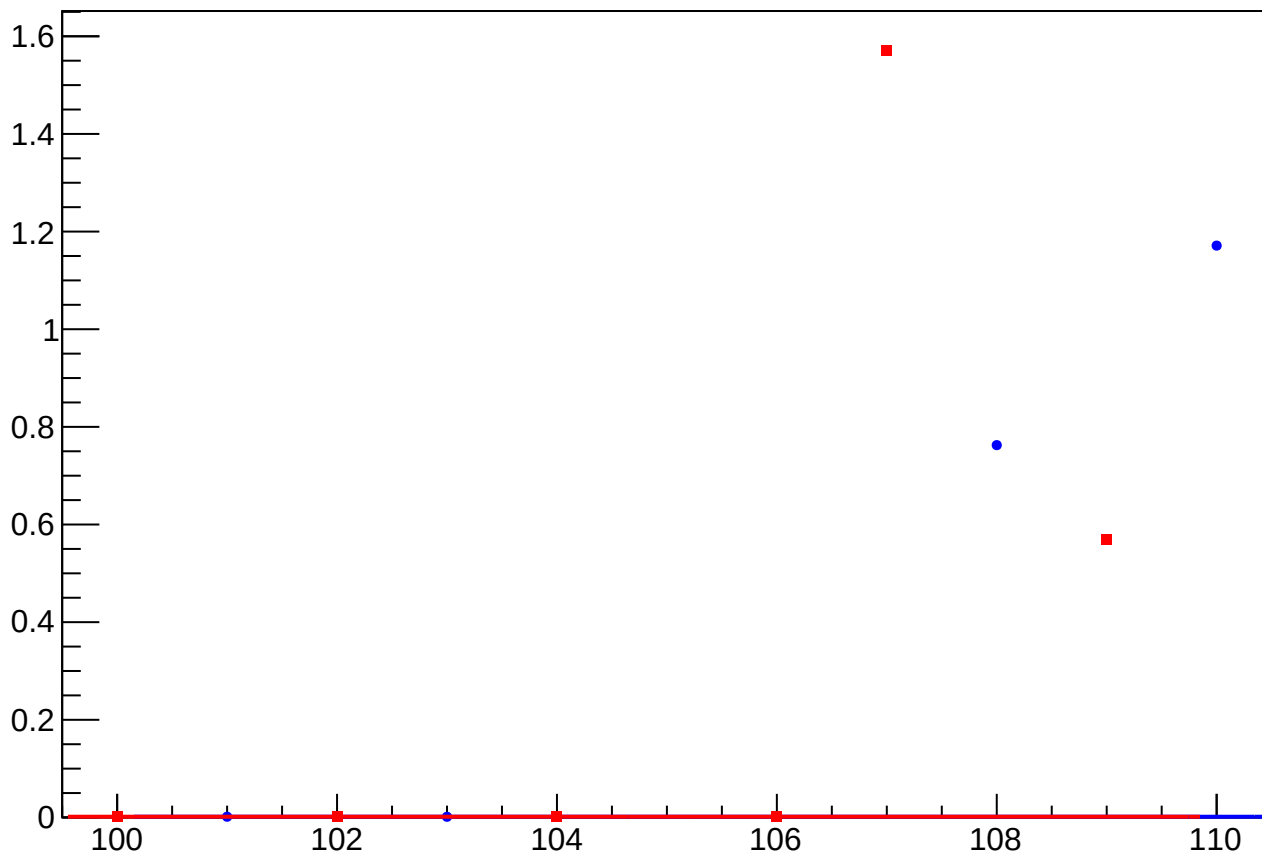
All: 0.001+/-0.000 χ^2/NDF : 1780706.8/9

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.673+/-0.000 χ^2/NDF : 3306918333.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 44.793+/-0.000 χ^2/NDF : 365870095741401.3/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 52.698+/-0.000 χ^2/NDF : 416995390380166.9

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1315192.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 927231.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

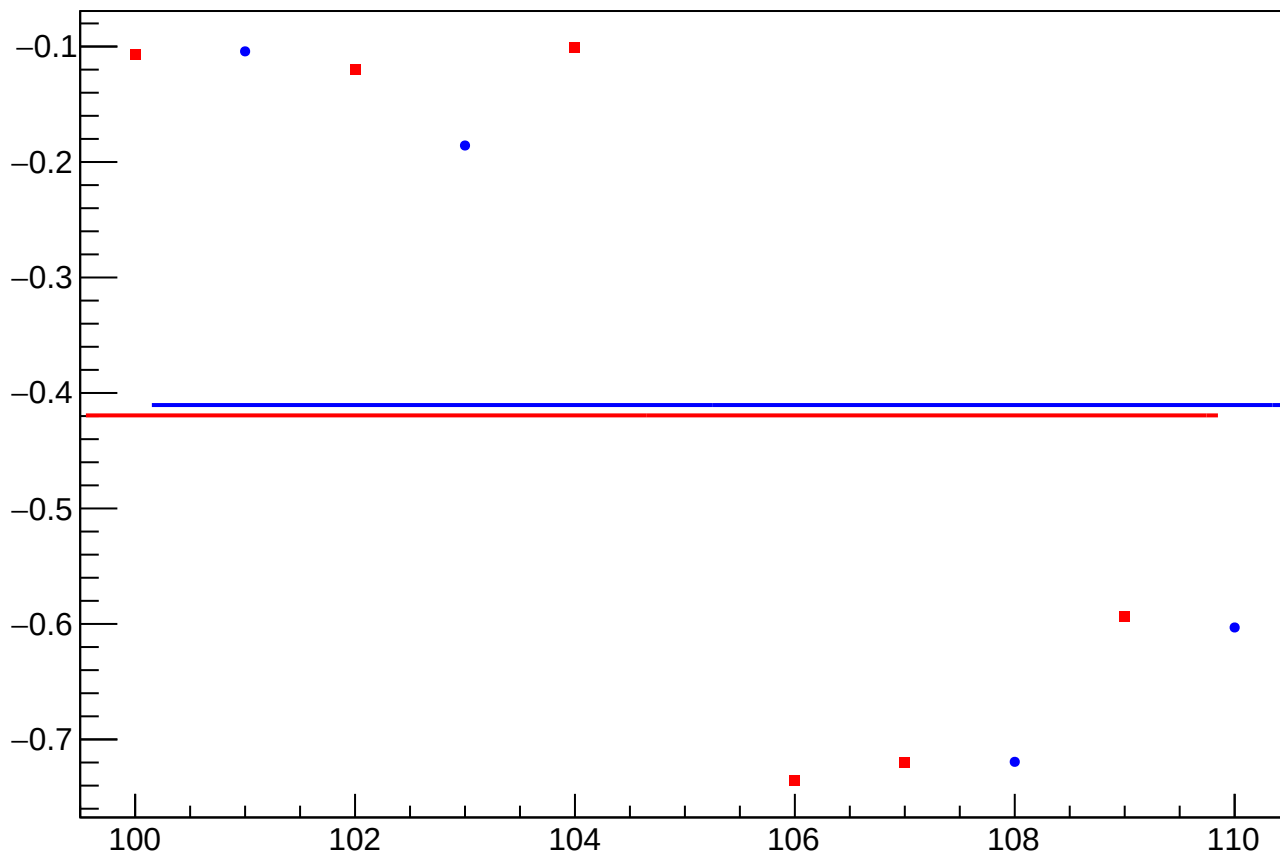
Right: 0.001+/-0.000 χ^2/NDF : 2242661.2/9

In: 0.001+/-0.000 χ^2/NDF : 1315192.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2242661.2/9

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.410+/-0.000 χ^2/NDF : 88242210.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.419+/-0.000 χ^2/NDF : 75564745.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

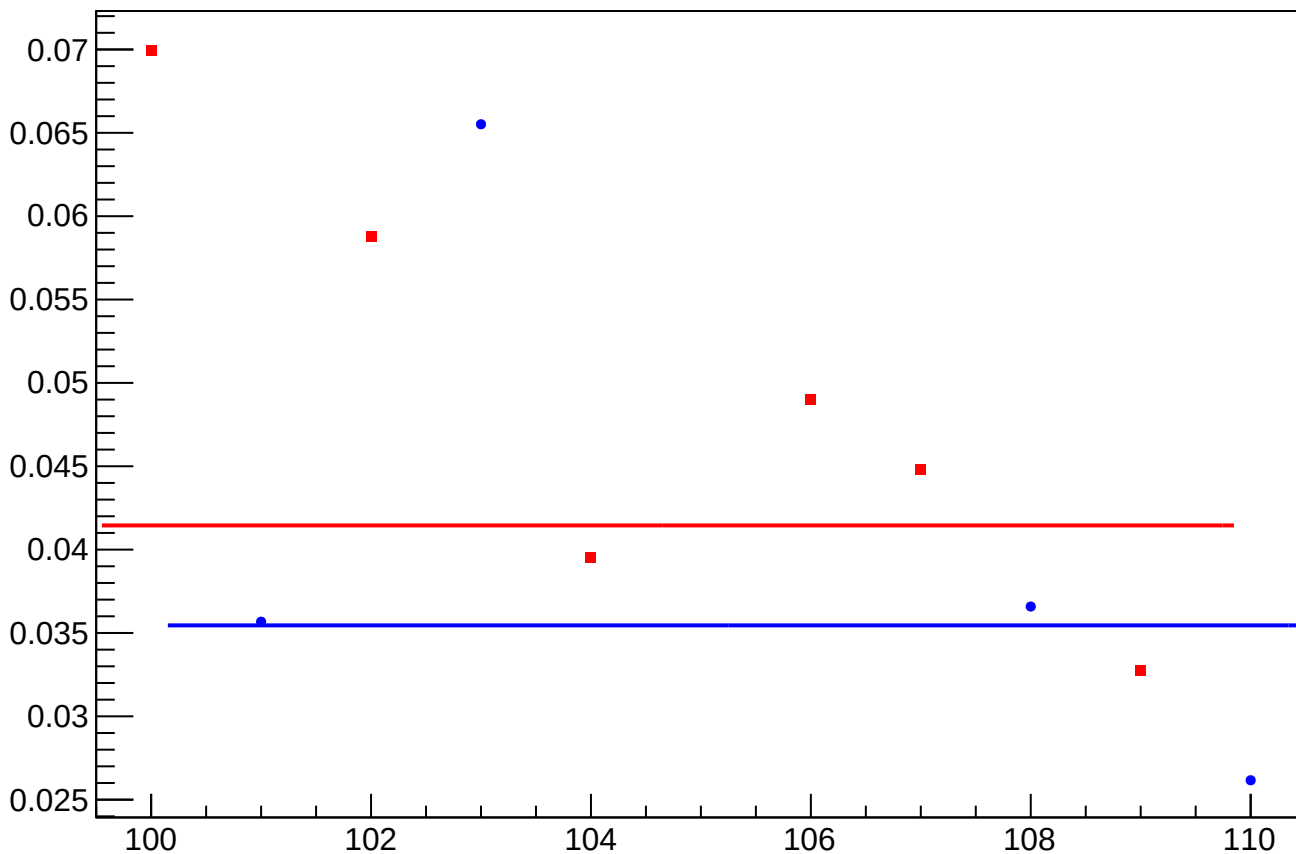
Right: -0.415+/-0.000 χ^2/NDF : 163854214.2/9

In: -0.410+/-0.000 χ^2/NDF : 88242210.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.415+/-0.000 χ^2/NDF : 163854214.2/9

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.035+/-0.000 χ^2/NDF : 325196.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.041+/-0.000 χ^2/NDF : 204251.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

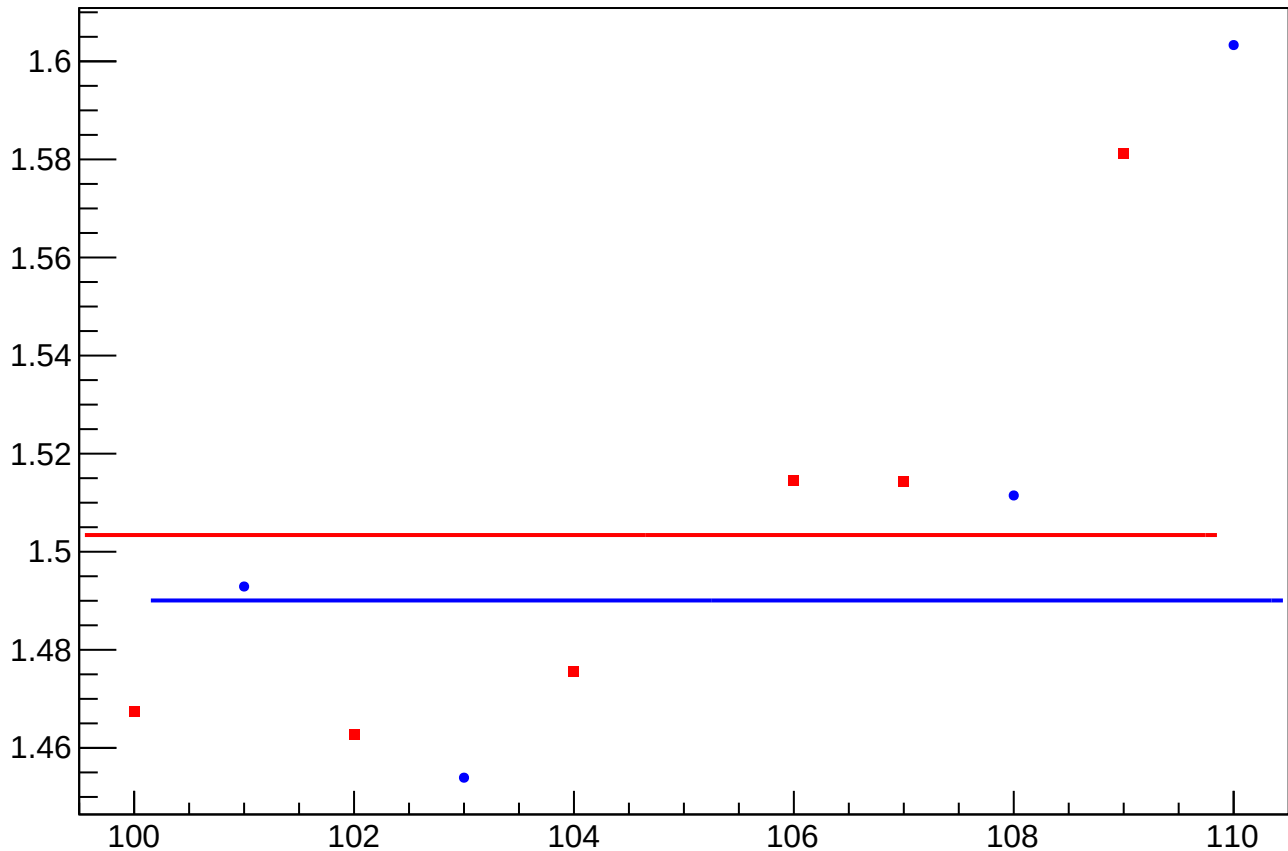
Right: 0.038+/-0.000 χ^2/NDF : 571740.4/9

In: 0.035+/-0.000 χ^2/NDF :325196.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.038+/-0.000 χ^2/NDF : 571740.4/9

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.490+/-0.000 χ^2/NDF : 4956080.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.503+/-0.000 χ^2/NDF : 12350037.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

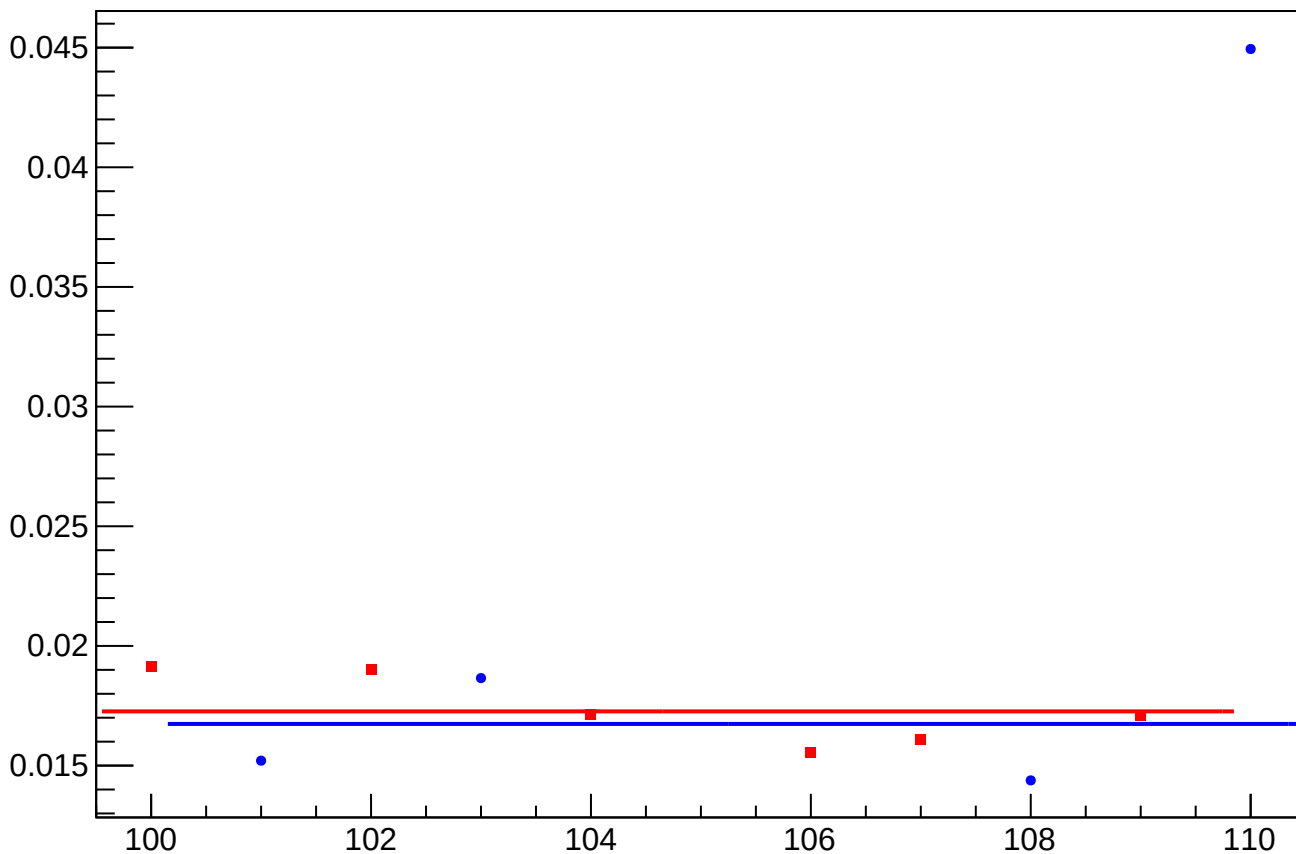
Right: 1.497+/-0.000 χ^2/NDF : 17870580.7/9

In: 1.490+/-0.000 χ^2/NDF : 4956080.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.497+/-0.000 χ^2/NDF : 17870580.7/9

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 297562.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 20798.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

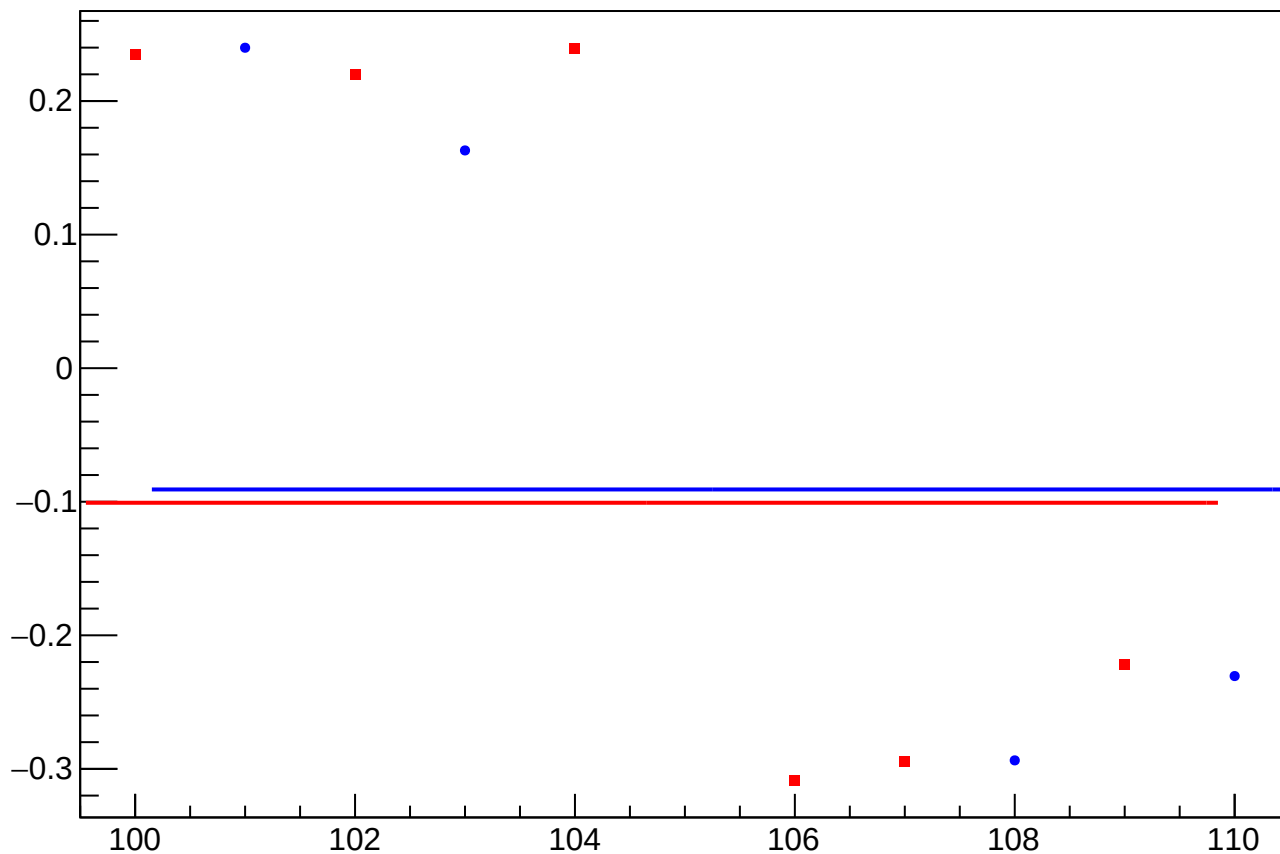
Right: 0.017+/-0.000 χ^2/NDF : 320103.7/9

In: 0.017+/-0.000 χ^2/NDF : 297562.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 320103.7/9

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.091+/-0.000 χ^2/NDF : 77148083.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.101+/-0.000 χ^2/NDF : 66777333.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

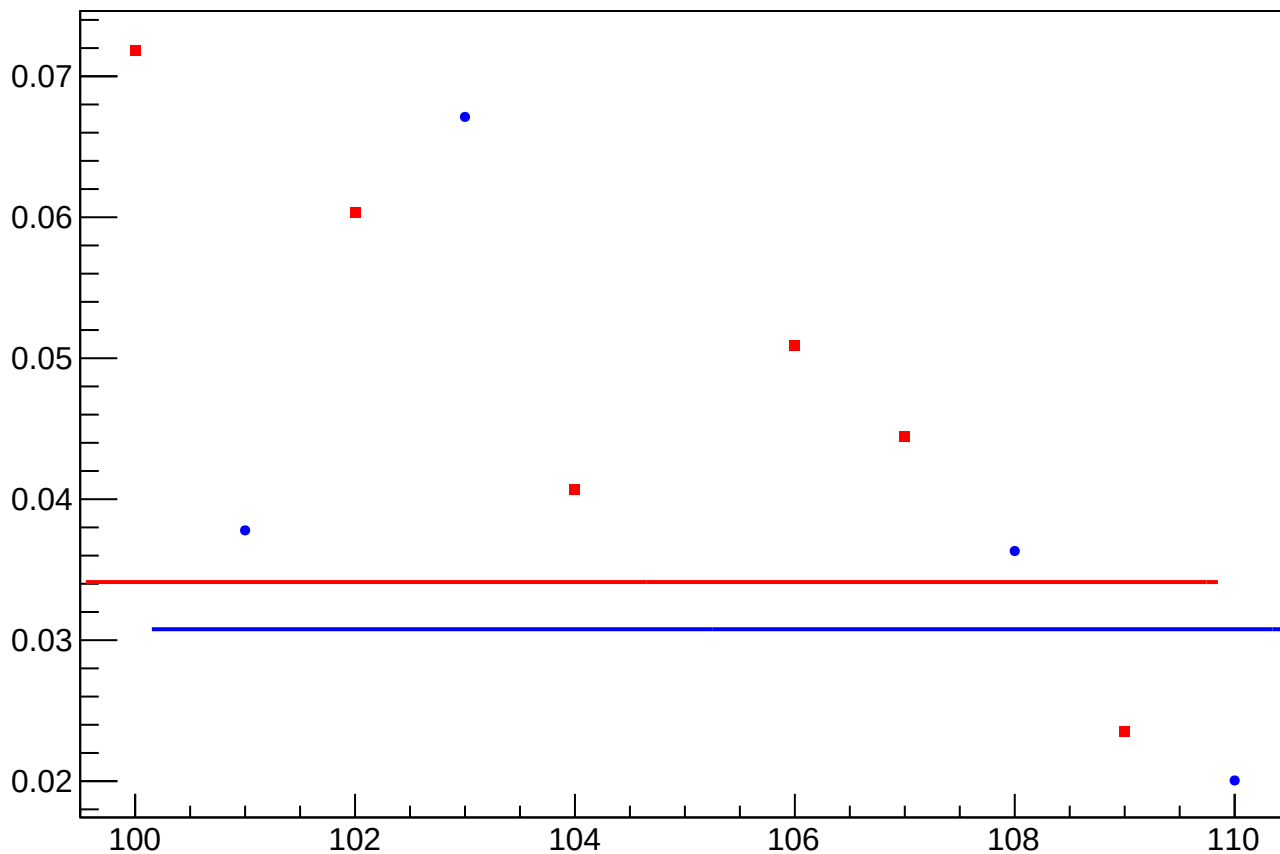
Right: -0.096+/-0.000 χ^2/NDF : 144000451.9/9

In: -0.091+/-0.000 χ^2/NDF : 77148083.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.096+/-0.000 χ^2/NDF : 144000451.9/9

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.031+/-0.000 χ^2/NDF : 579391.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.000 χ^2/NDF : 537779.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

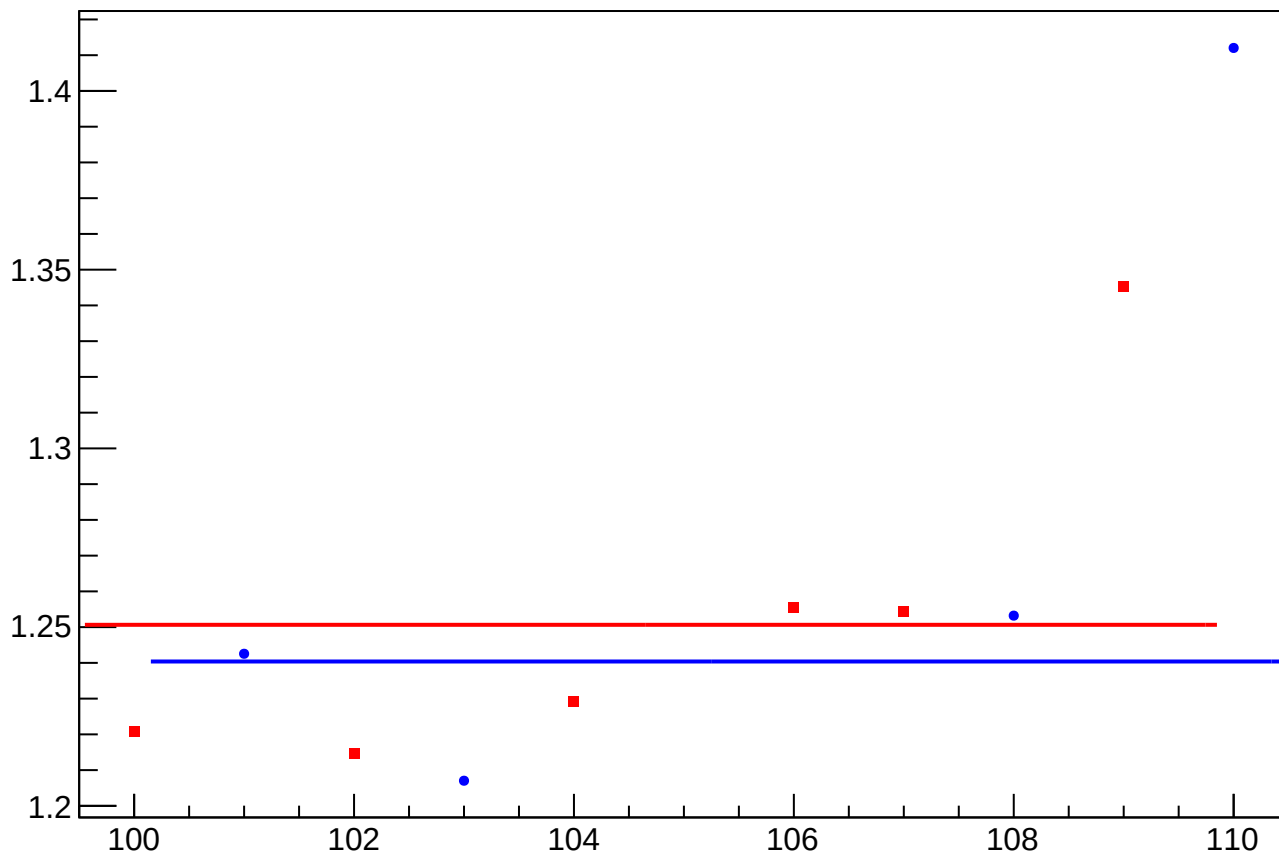
Right: 0.032+/-0.000 χ^2/NDF : 1134115.7/9

In: 0.031+/-0.000 χ^2/NDF : 579391.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.000 χ^2/NDF : 1134115.7/9

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 1.240+/-0.000 χ^2/NDF : 8093773.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.251+/-0.000 χ^2/NDF : 16620788.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

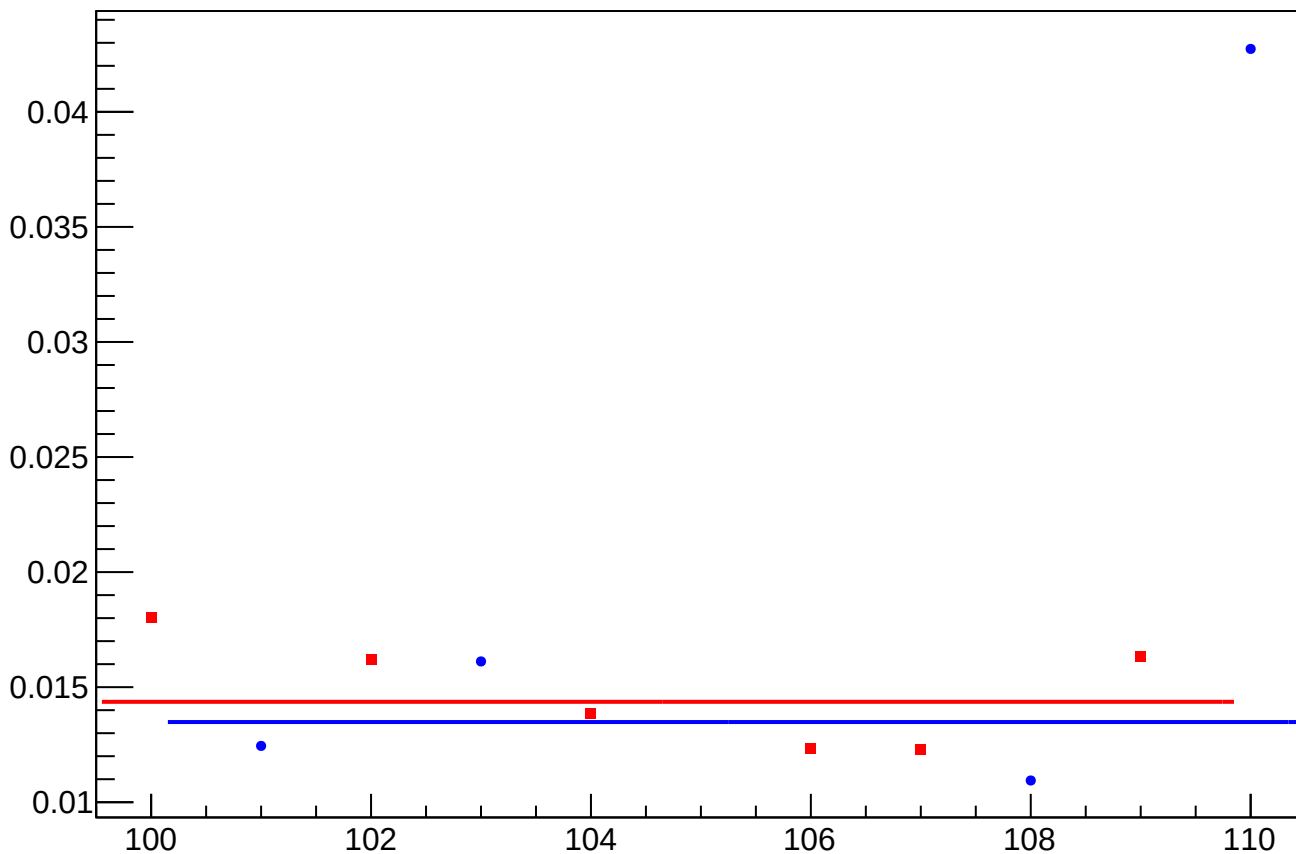
Right: 1.246+/-0.000 χ^2/NDF : 25200557.3/9

In: 1.240+/-0.000 χ^2/NDF : 8093773.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.246+/-0.000 χ^2/NDF : 25200557.3/9

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 374099.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 60097.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

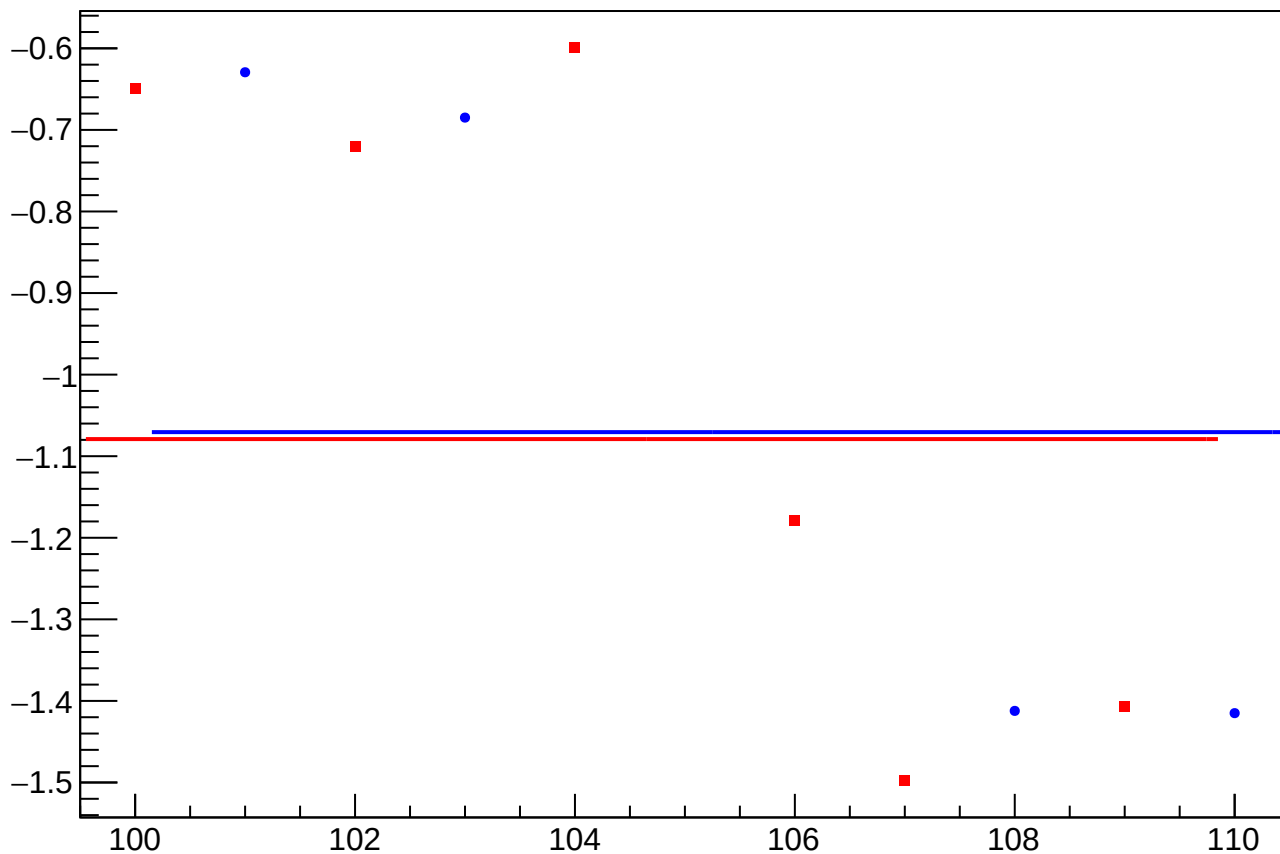
Right: 0.014+/-0.000 χ^2/NDF : 441326.2/9

In: 0.013+/-0.000 χ^2/NDF : 374099.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 441326.2/9

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.070+/-0.000 χ^2/NDF : 194748331.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.079+/-0.000 χ^2/NDF : 155432750.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

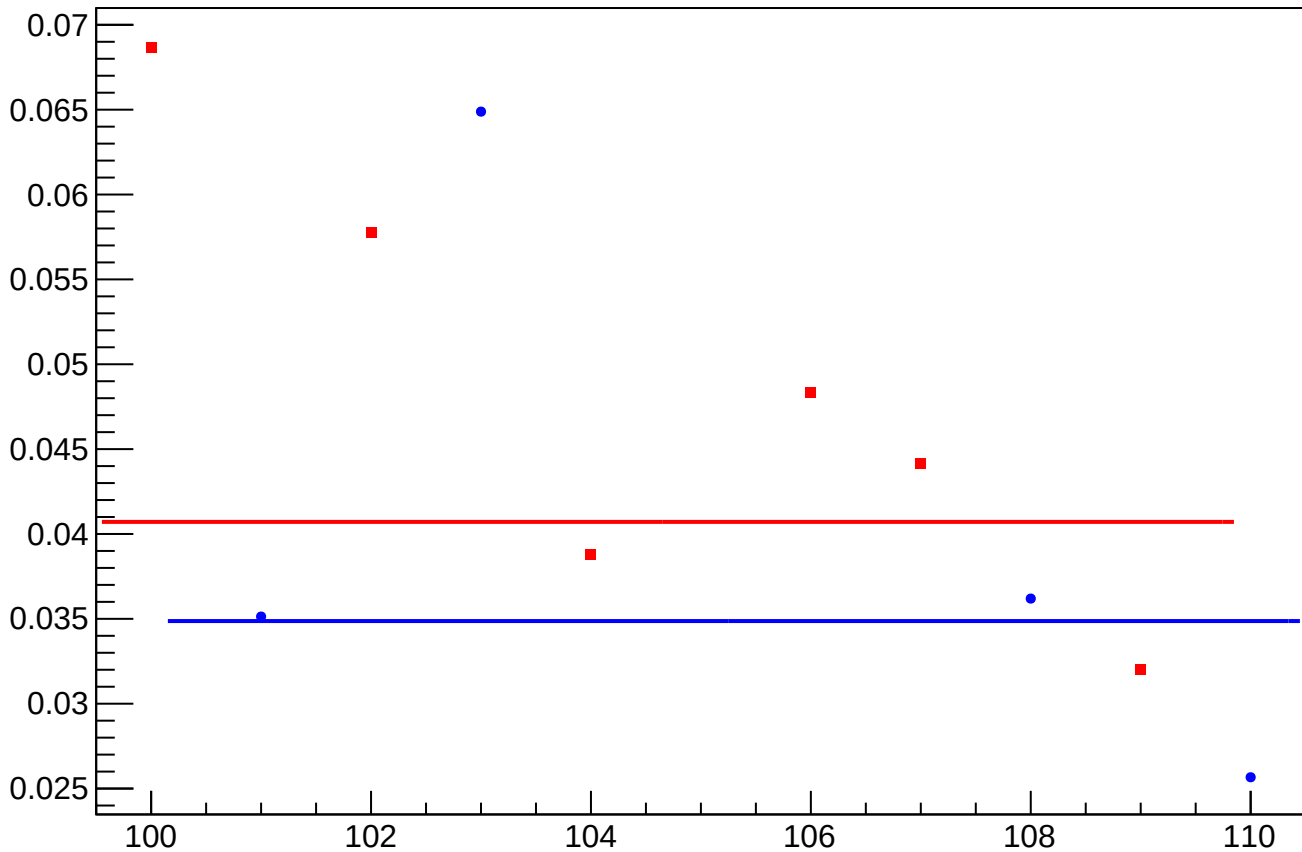
Right: -1.074+/-0.000 χ^2/NDF : 350225207.6/9

In: -1.070+/-0.000 χ^2/NDF : 194748331.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.074+/-0.000 χ^2/NDF : 350225207.6/9

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.035+/-0.000 χ^2/NDF : 330279.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.041+/-0.000 χ^2/NDF : 207006.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

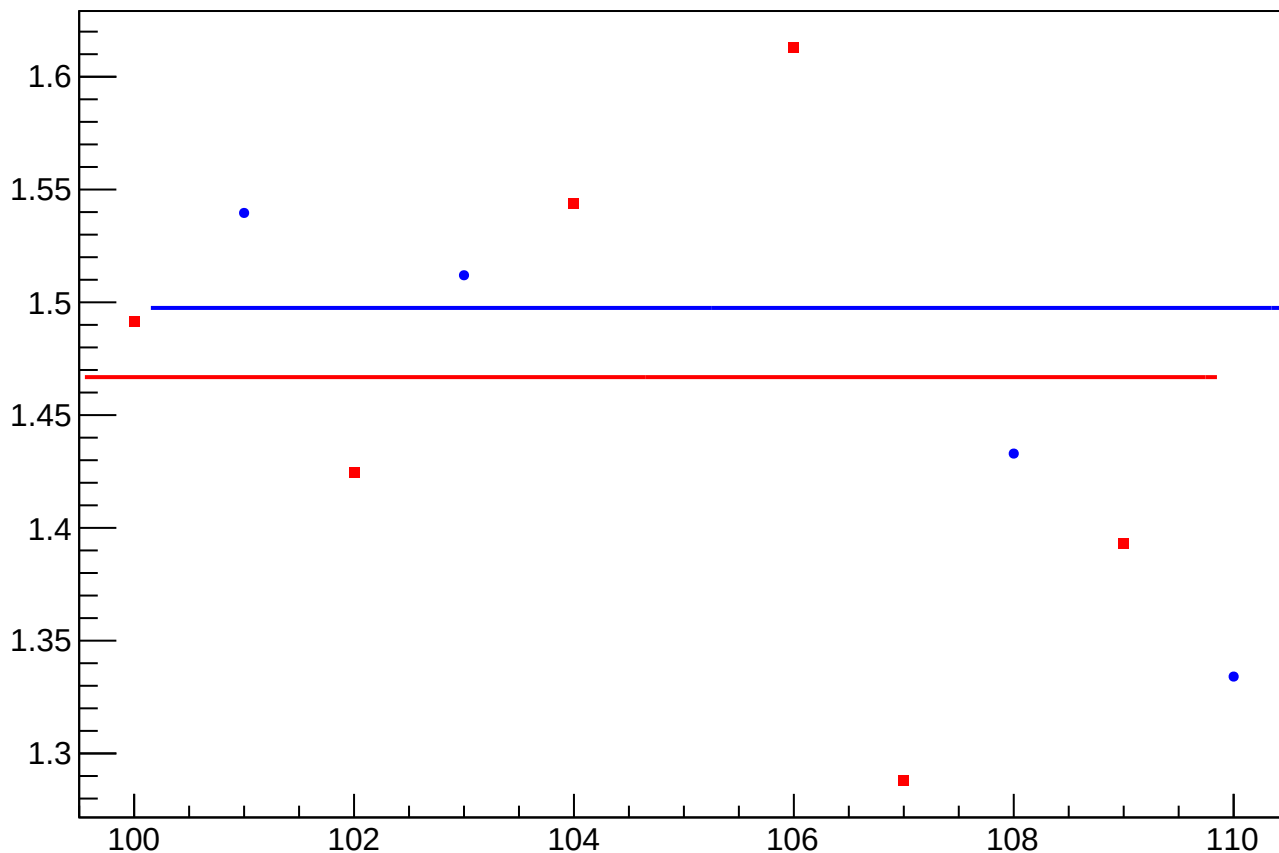
Right: 0.038+/-0.000 χ^2/NDF : 578672.1/9

In: 0.035+/-0.000 χ^2/NDF :330279.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.038+/-0.000 χ^2/NDF : 578672.1/9

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.498+/-0.000 χ^2/NDF : 14686693.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.467+/-0.000 χ^2/NDF : 67462446.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

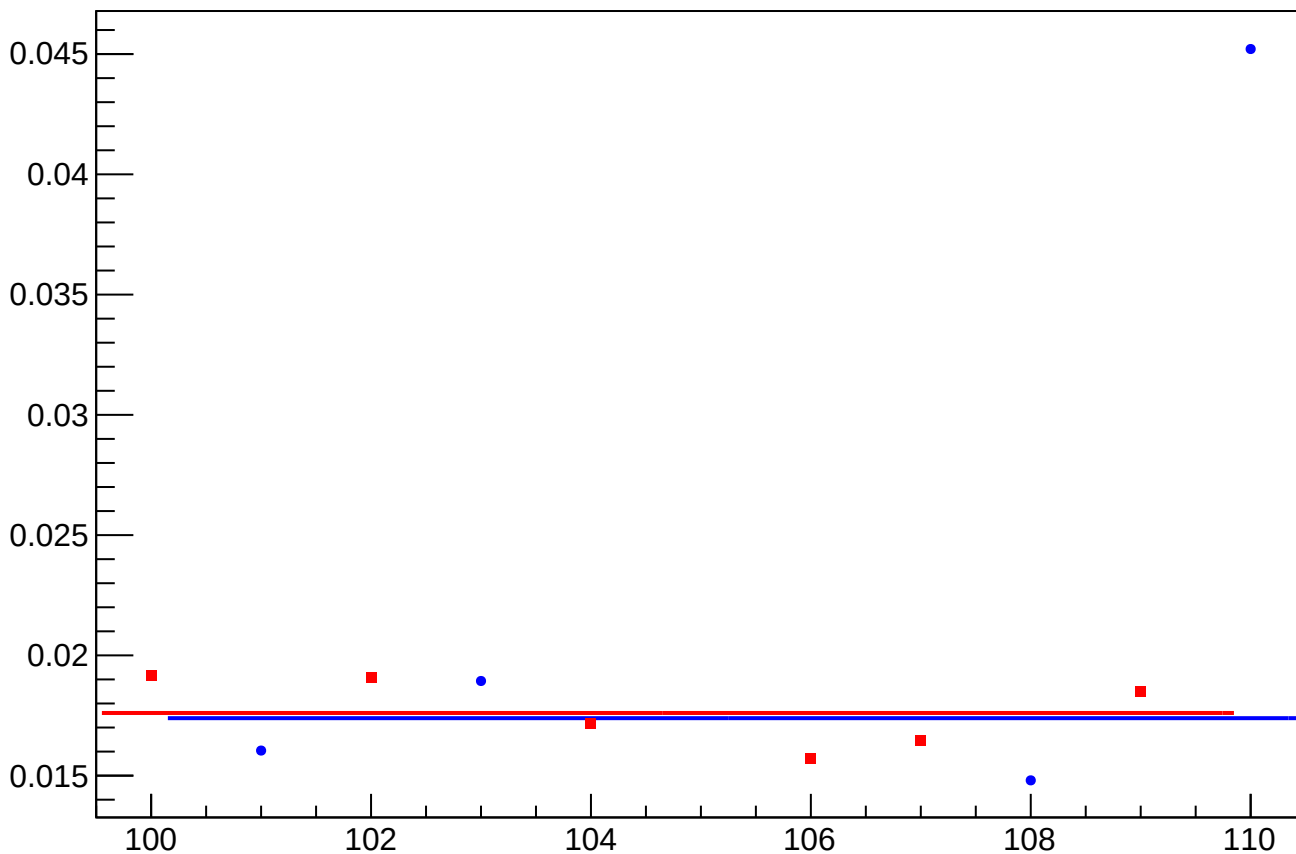
Right: 1.481+/-0.000 χ^2/NDF : 84944948.7/9

In: 1.498+/-0.000 χ^2/NDF : 14686693.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.481+/-0.000 χ^2/NDF : 84944948.7/9

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 281027.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.000 χ^2/NDF : 20367.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

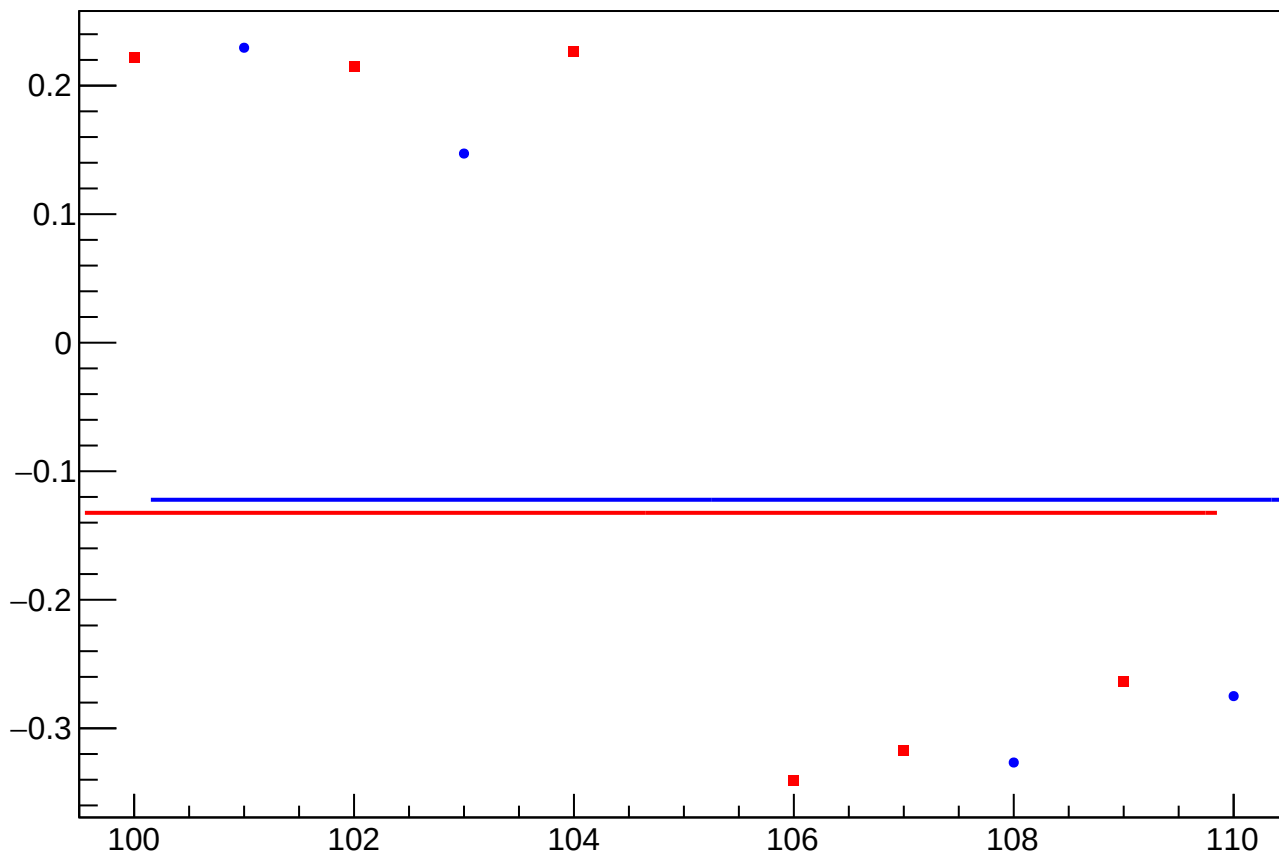
Right: 0.018+/-0.000 χ^2/NDF : 301672.6/9

In: 0.017+/-0.000 χ^2/NDF : 281027.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 301672.6/9

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.122+/-0.000 χ^2/NDF : 85299331.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.132+/-0.000 χ^2/NDF : 72595489.7/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

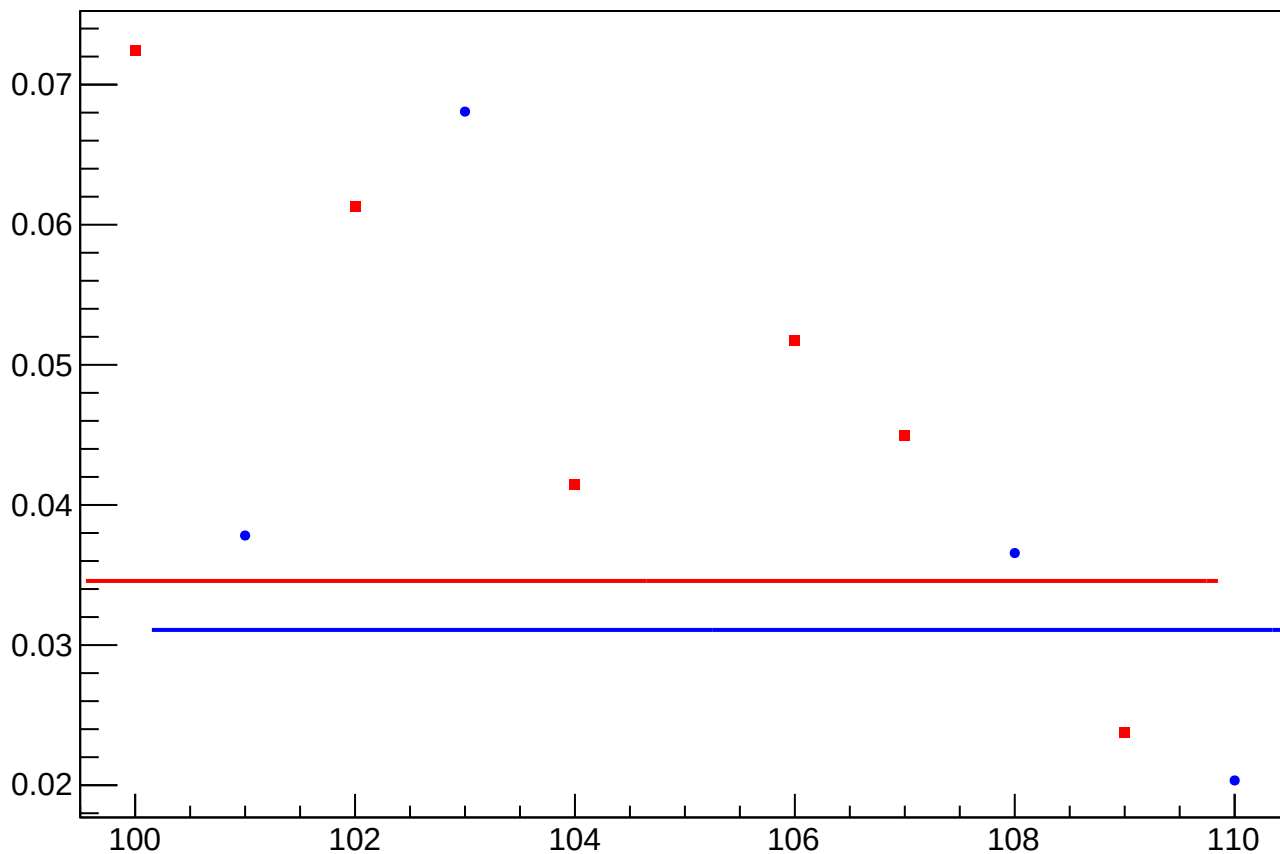
Right: -0.127+/-0.000 χ^2/NDF : 157971116.9/9

In: -0.122+/-0.000 χ^2/NDF :85299331.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.127+/-0.000 χ^2/NDF : 157971116.9/9

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.031+/-0.000 χ^2/NDF : 572933.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 542703.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

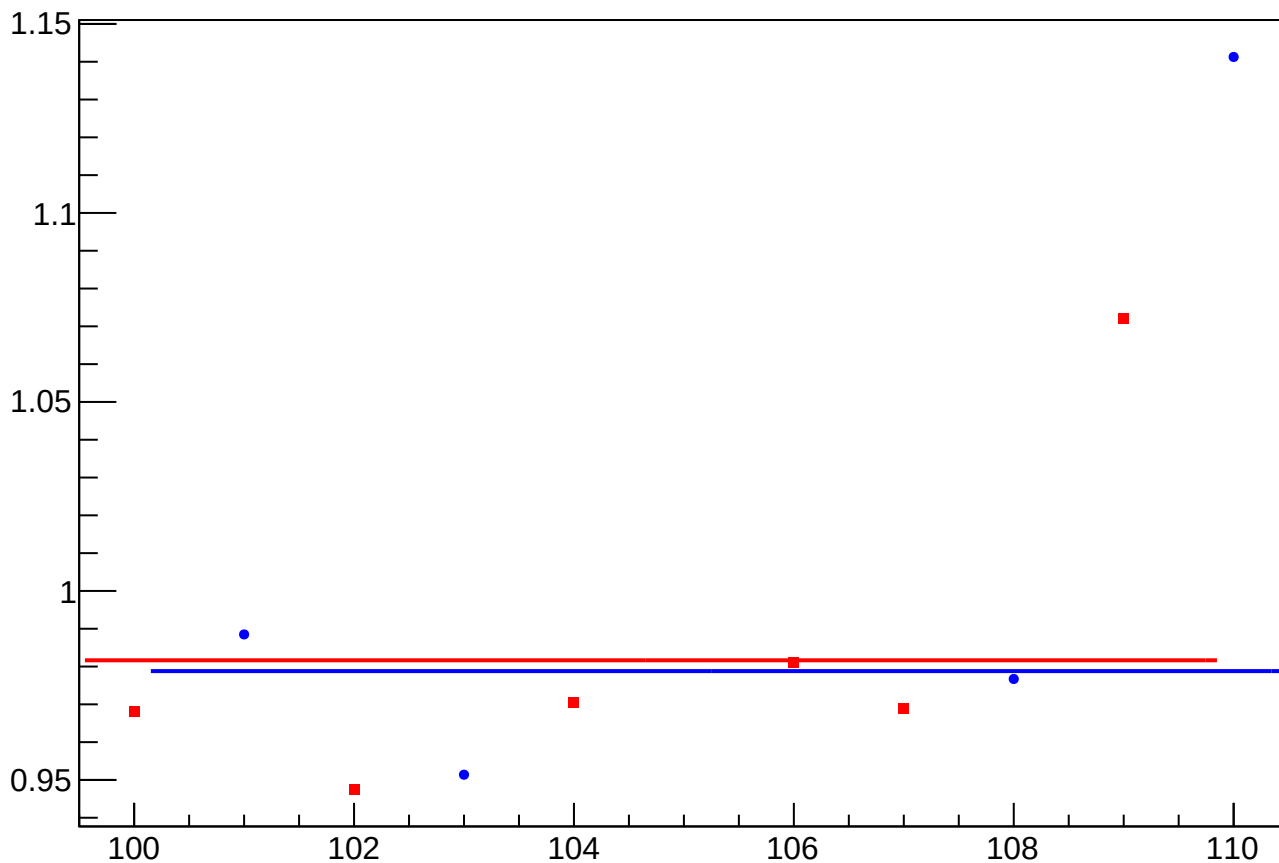
Right: 0.033+/-0.000 χ^2/NDF : 1133641.3/9

In: 0.031+/-0.000 χ^2/NDF : 572933.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.000 χ^2/NDF : 1133641.3/9

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.979+/-0.000 χ^2/NDF : 6799670.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.982+/-0.000 χ^2/NDF : 14606744.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

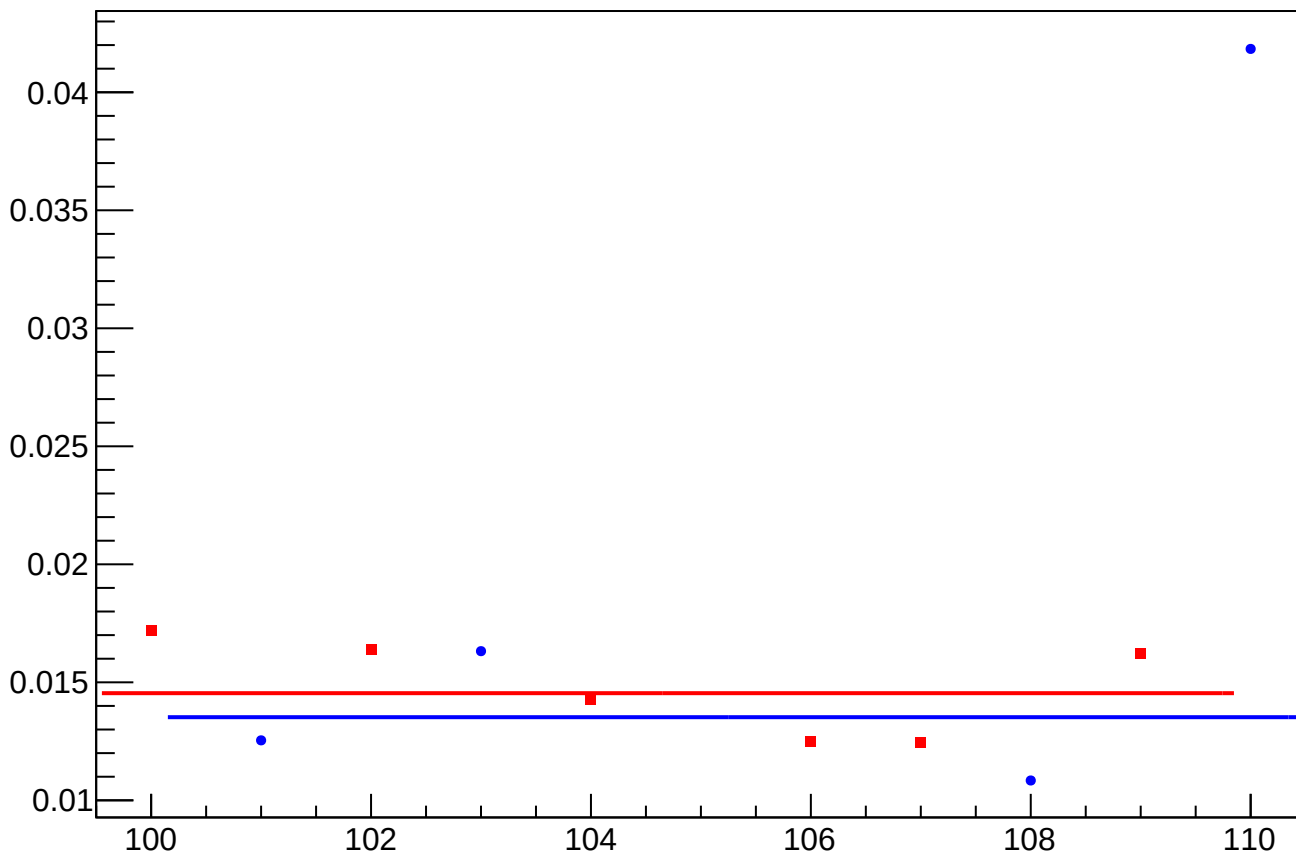
Right: 0.980+/-0.000 χ^2/NDF : 21443576.1/9

In: 0.979+/-0.000 χ^2/NDF : 6799670.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.980+/-0.000 χ^2/NDF : 21443576.1/9

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 374631.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 53962.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

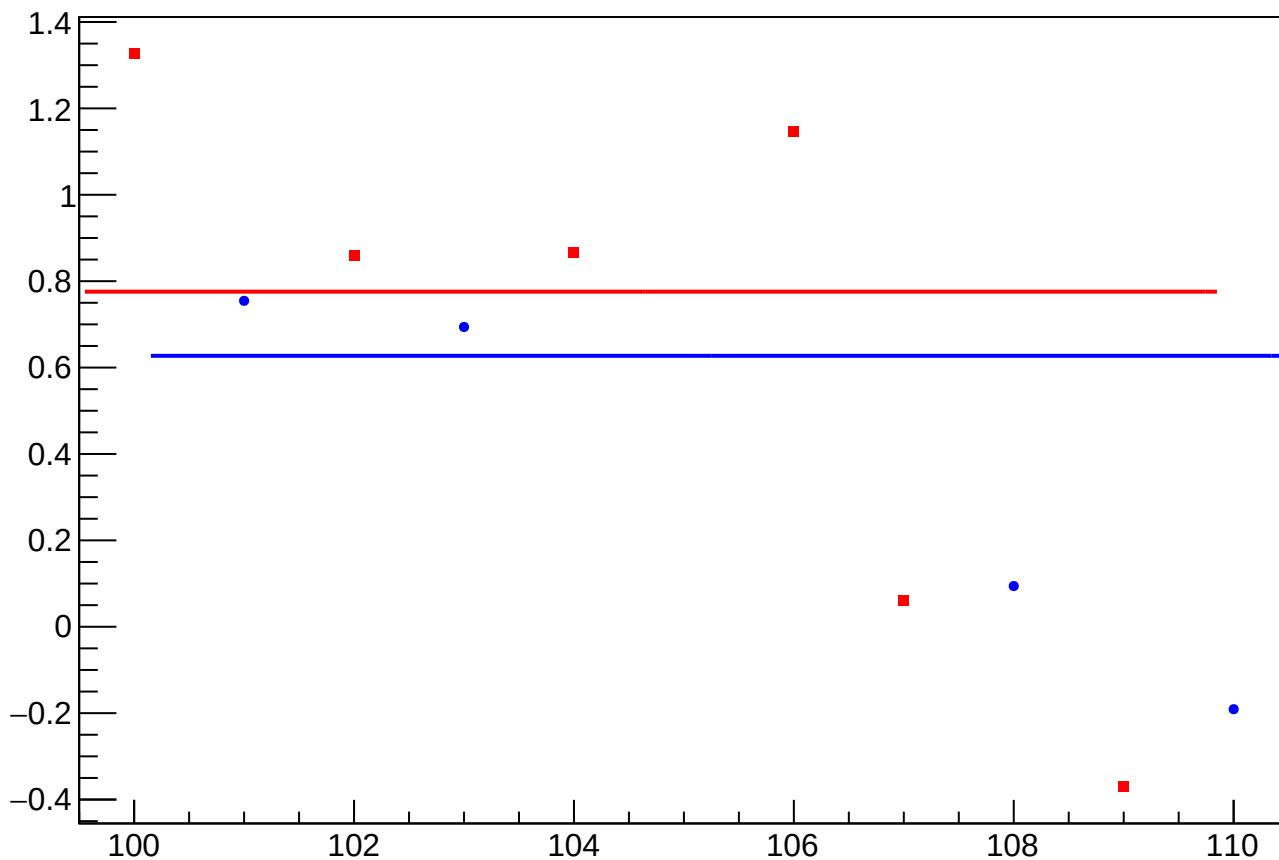
Right: 0.014+/-0.000 χ^2/NDF : 438033.8/9

In: 0.014+/-0.000 χ^2/NDF : 374631.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 438033.8/9

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.627 $\pm$ 0.000 χ^2 /NDF: 75189258.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.776 $\pm$ 0.000 χ^2 /NDF: 141334759.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

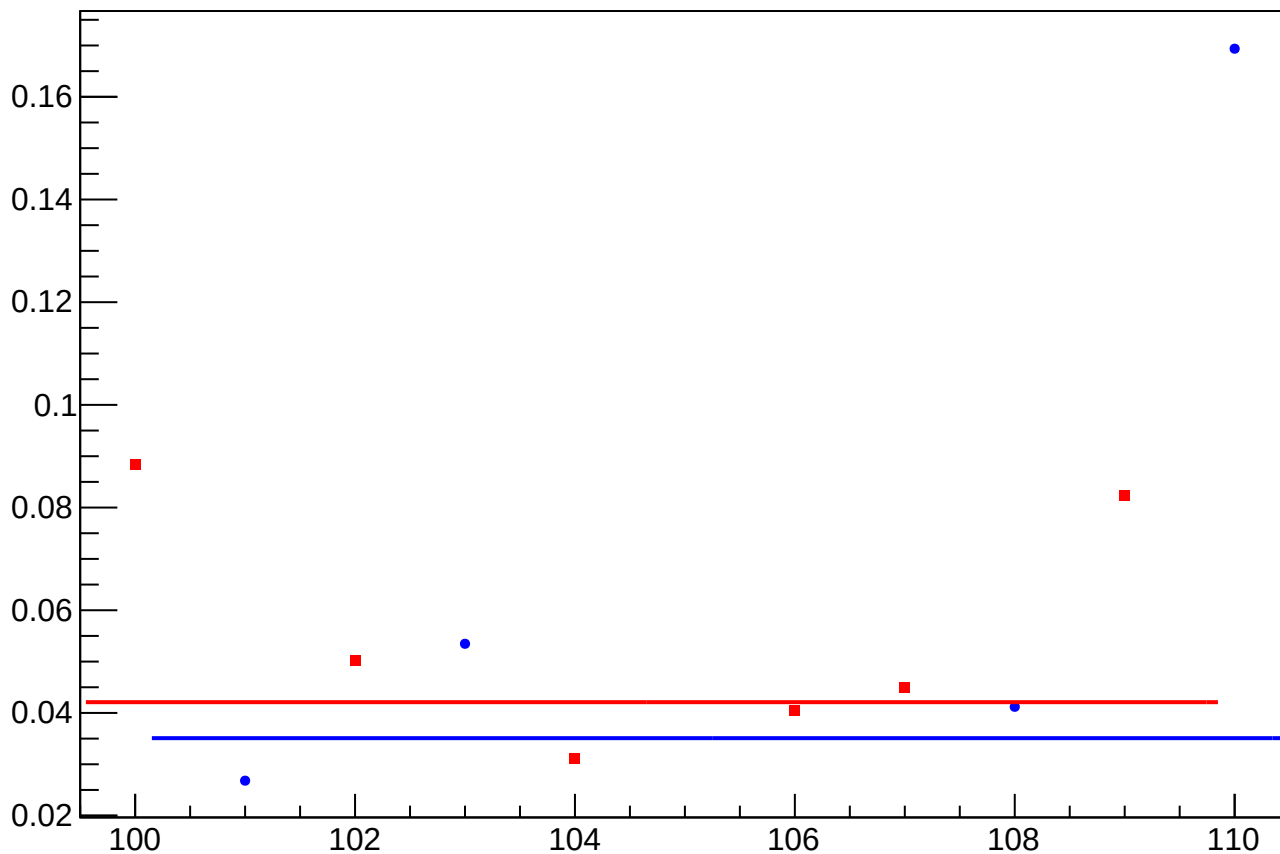
Right: 0.693 $\pm$ 0.000 χ^2 /NDF: 227867843.1/9

In: 0.627 $\pm$ 0.000 χ^2 /NDF:75189258.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.693 $\pm$ 0.000 χ^2 /NDF: 227867843.1/9

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.035+/-0.000 χ^2/NDF : 699343.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 360666.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

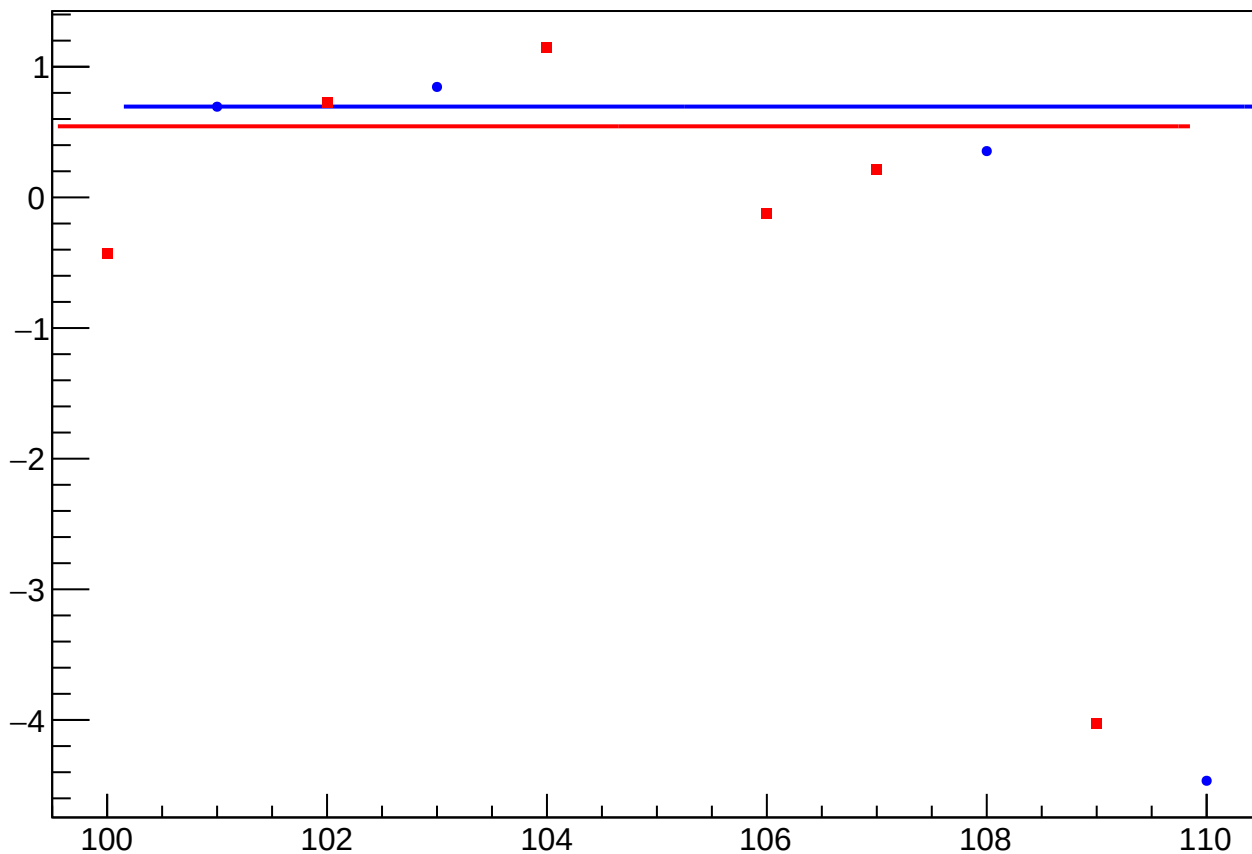
Right: 0.038+/-0.000 χ^2/NDF : 1110536.5/9

In: 0.035+/-0.000 χ^2/NDF : 699343.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.000 χ^2/NDF : 1110536.5/9

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.695+/-0.000 χ^2/NDF : 500956948.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.544+/-0.000 χ^2/NDF : 3004581220.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

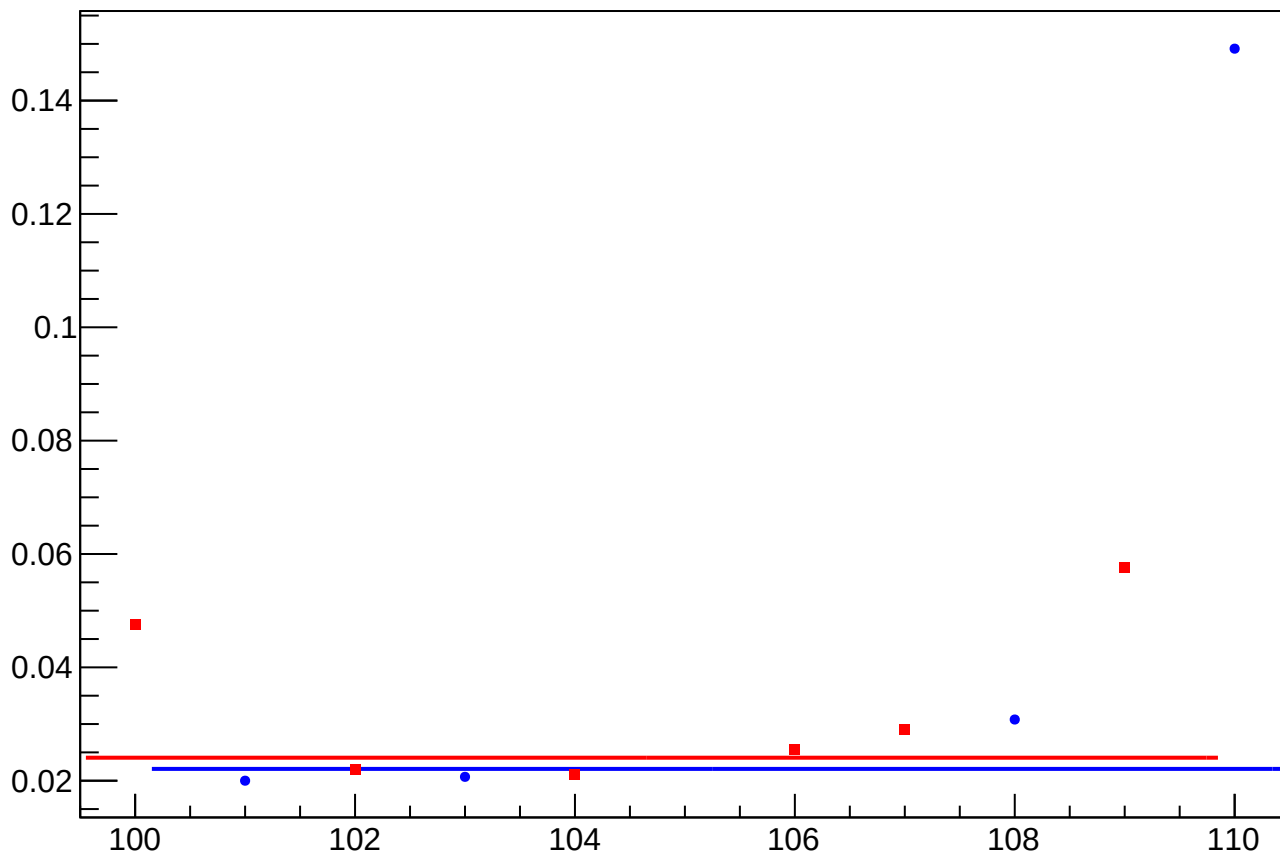
Right: 0.620+/-0.000 χ^2/NDF : 3540237147.8/9

In: 0.695+/-0.000 χ^2/NDF : 500956948.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.620+/-0.000 χ^2/NDF : 3540237147.8/9

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 593376.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF : 318747.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

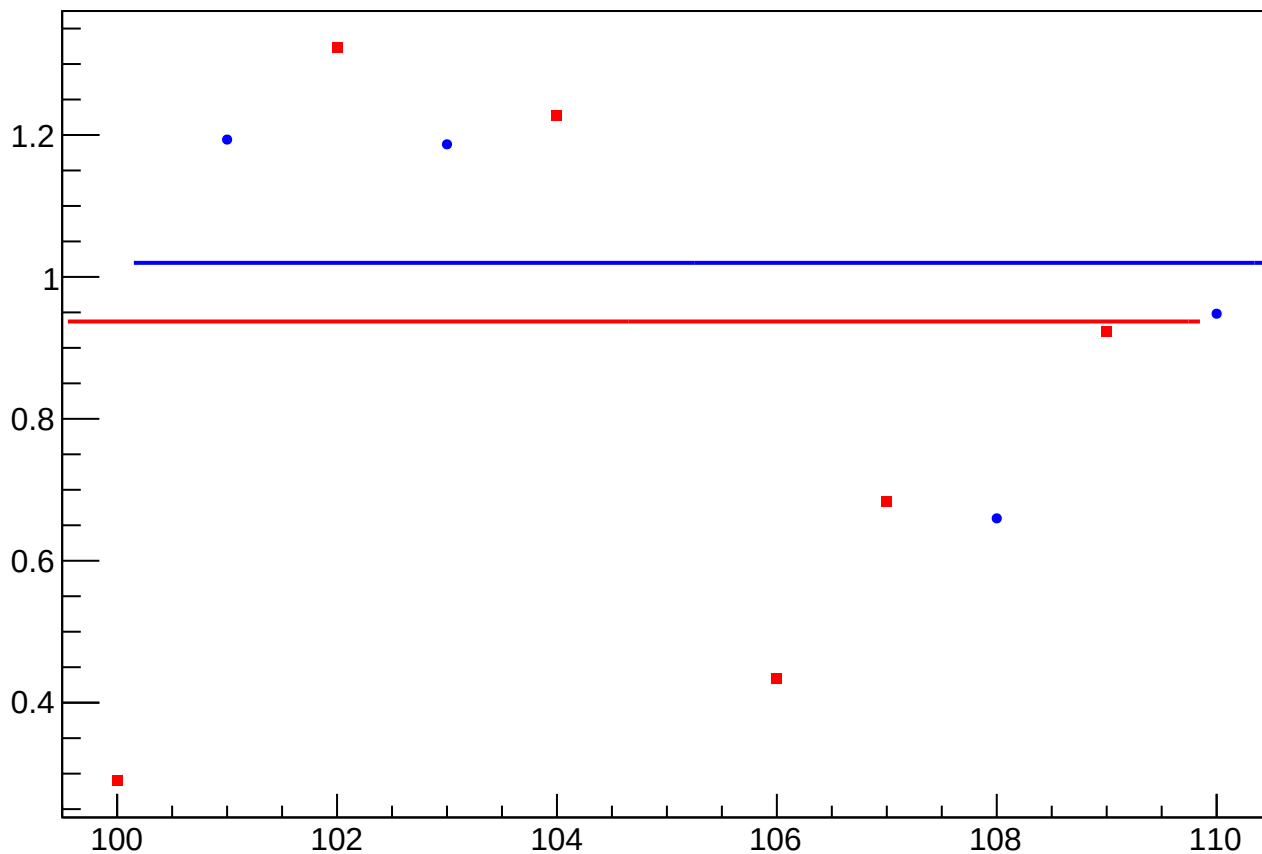
Right: 0.023+/-0.000 χ^2/NDF : 923980.9/9

In: 0.022+/-0.000 χ^2/NDF : 593376.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 923980.9/9

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 1.020+/-0.000 χ^2/NDF : 211870673.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.937+/-0.000 χ^2/NDF : 440232190.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

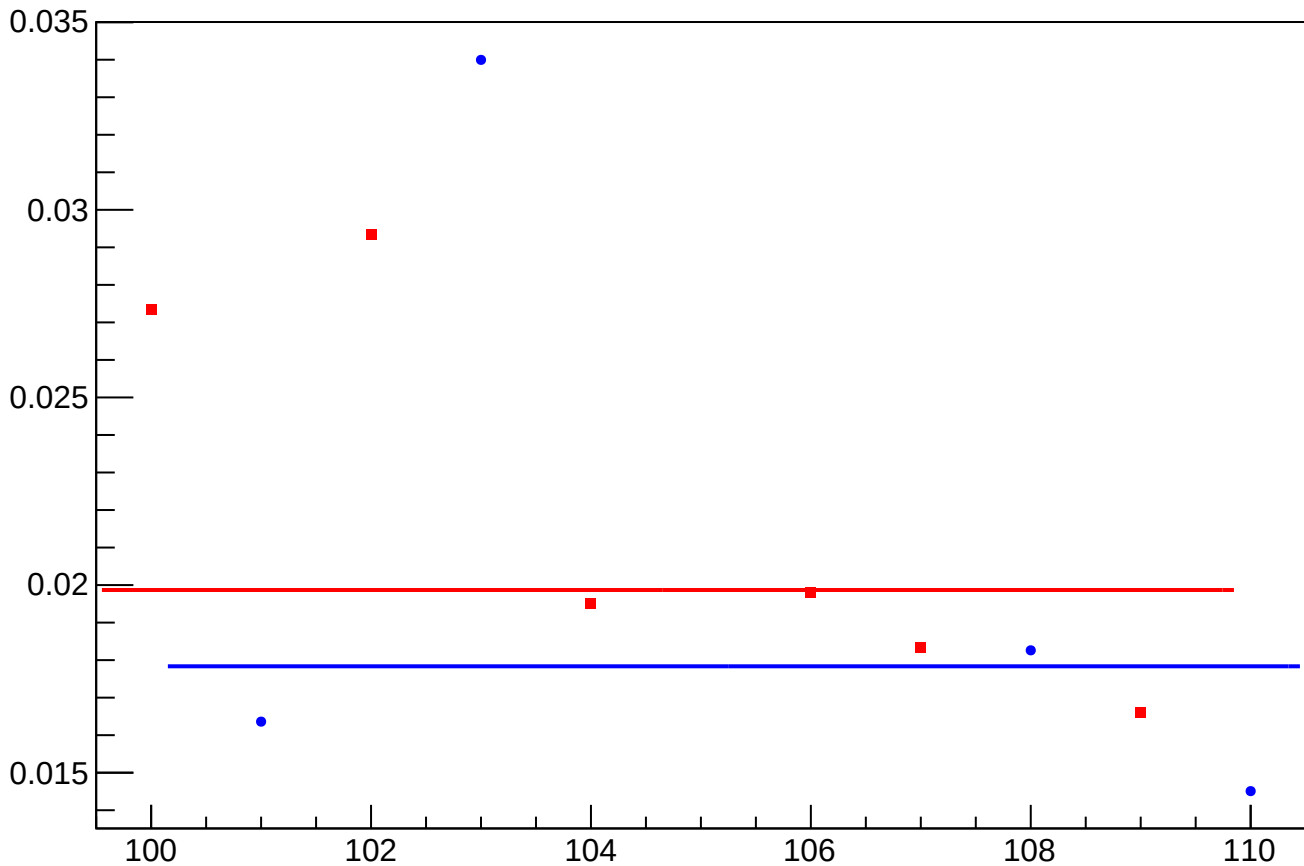
Right: 0.980+/-0.000 χ^2/NDF : 669074273.9/9

In: 1.020+/-0.000 χ^2/NDF : 211870673.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.980+/-0.000 χ^2/NDF : 669074273.9/9

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 298845.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 164509.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

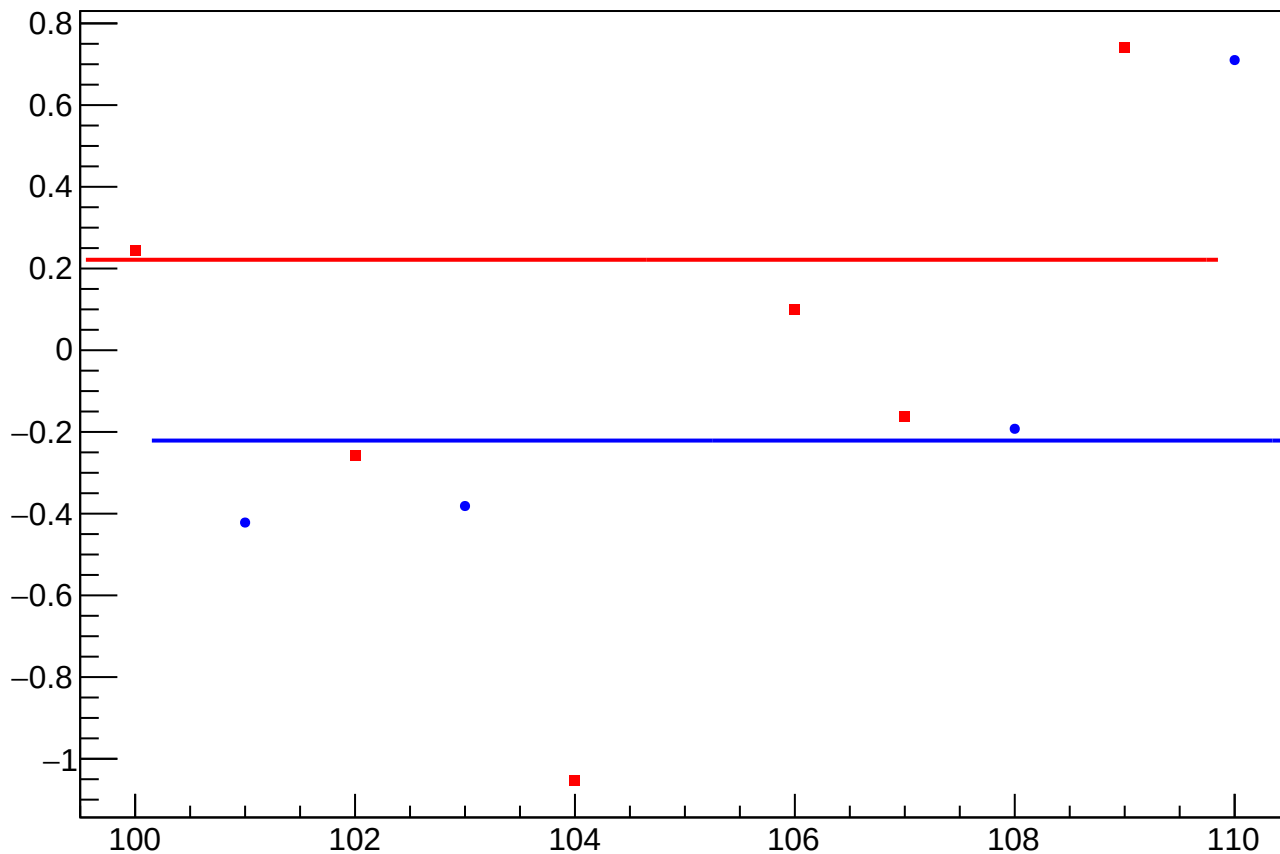
Right: 0.019+/-0.000 χ^2/NDF : 483898.6/9

In: 0.018+/-0.000 χ^2/NDF : 298845.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 483898.6/9

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.221+/-0.000 χ^2/NDF : 763003533.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.221+/-0.000 χ^2/NDF : 5356029270.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

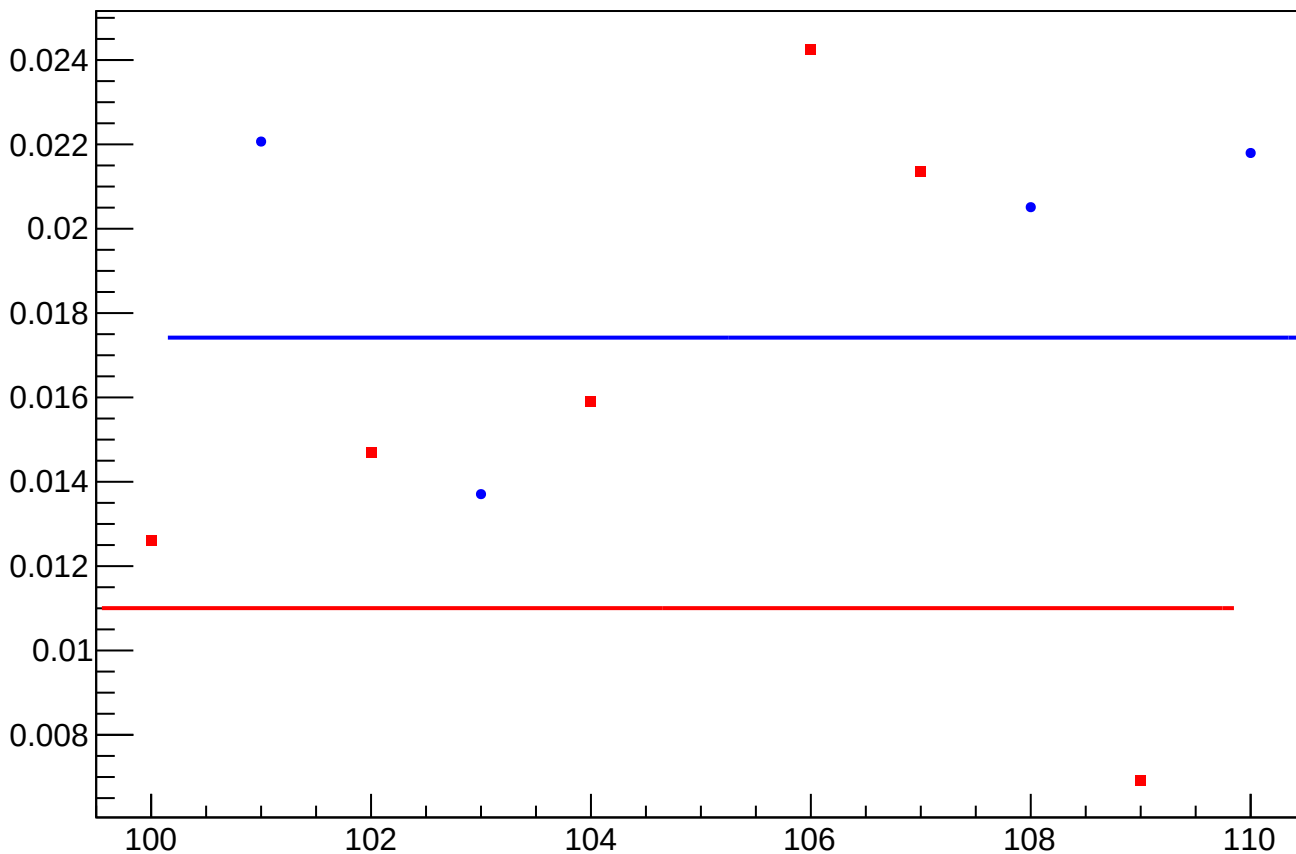
Right: 0.087+/-0.000 χ^2/NDF : 6870363754.2/9

In: -0.221+/-0.000 χ^2/NDF : 763003533.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.087+/-0.000 χ^2/NDF : 6870363754.2/9

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 172773.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 629232.3/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

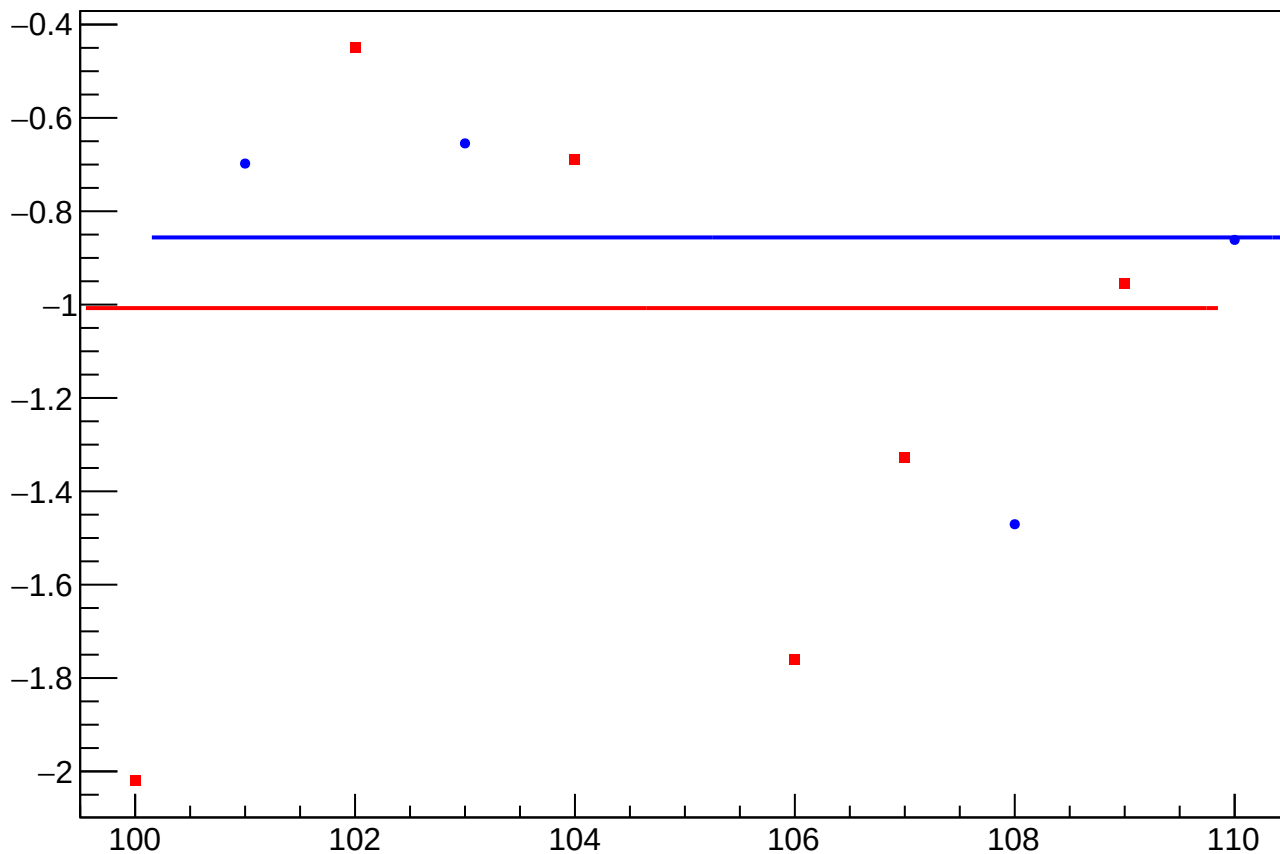
Right: 0.013+/-0.000 χ^2/NDF : 1117692.9/9

In: 0.017+/-0.000 χ^2/NDF :172773.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1117692.9/9

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.856+/-0.000 χ^2/NDF : 89880920.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.007+/-0.000 χ^2/NDF : 214588905.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

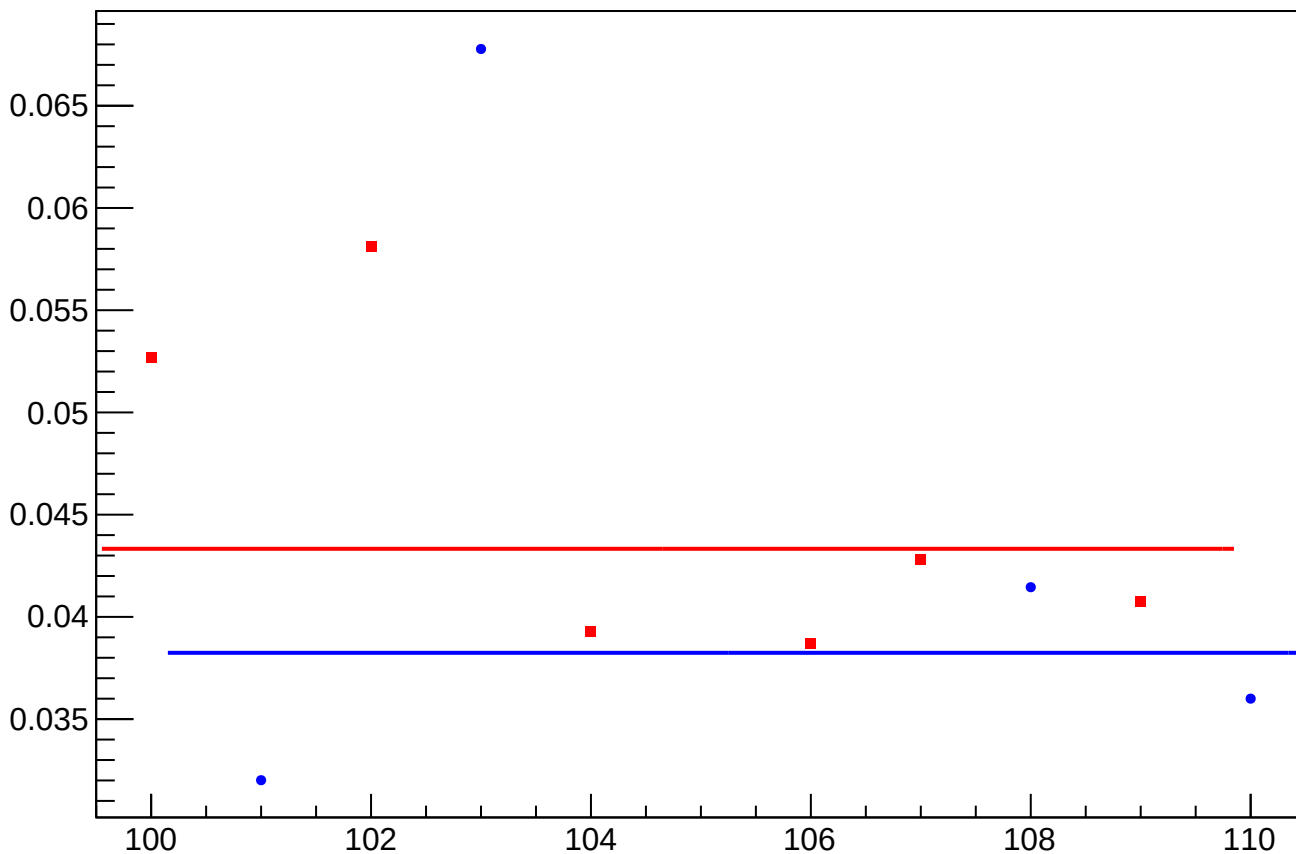
Right: -0.927+/-0.000 χ^2/NDF : 316695016.0/9

In: -0.856+/-0.000 χ^2/NDF : 89880920.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.927+/-0.000 χ^2/NDF : 316695016.0/9

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 261843.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.043+/-0.000 χ^2/NDF : 95271.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

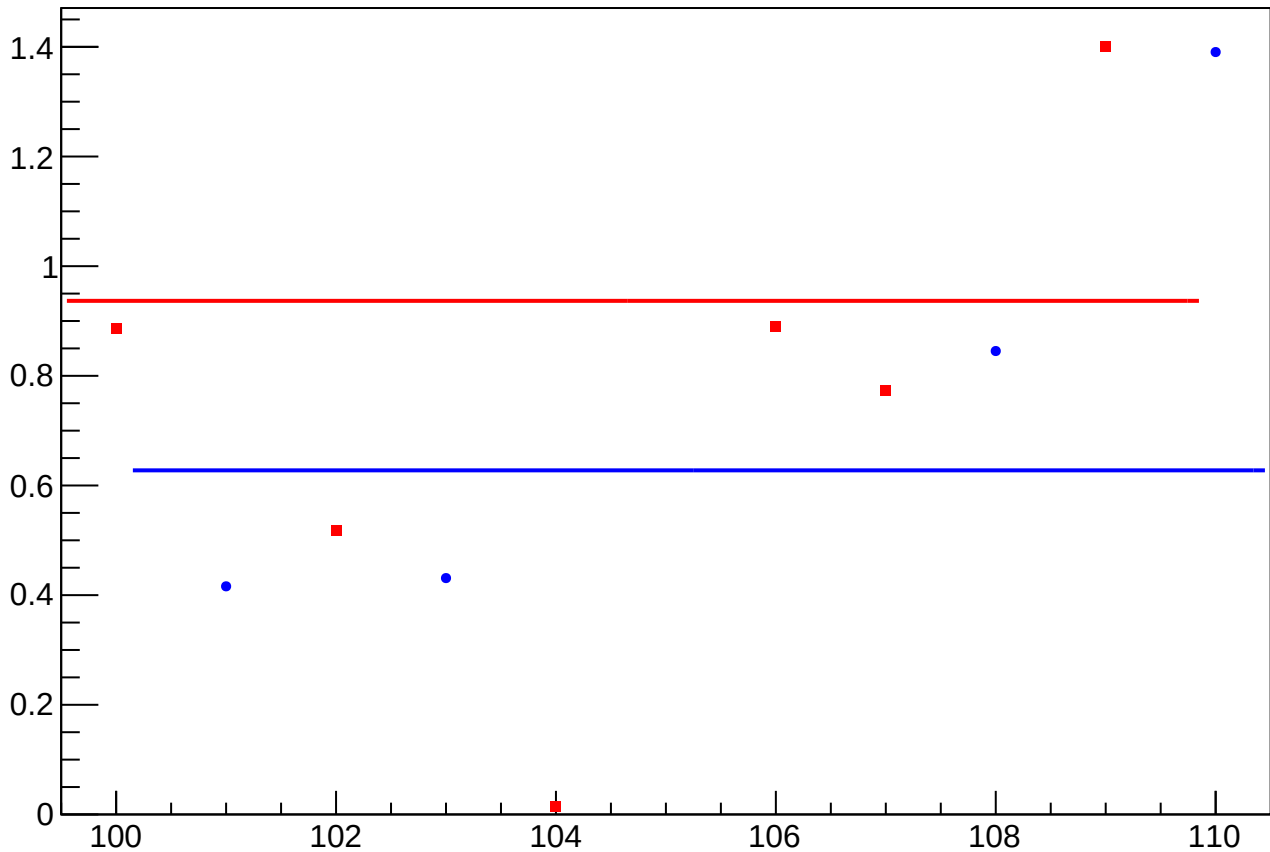
Right: 0.041+/-0.000 χ^2/NDF : 384725.2/9

In: 0.038+/-0.000 χ^2/NDF : 261843.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 384725.2/9

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.628+/-0.000 χ^2/NDF : 1355216308.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.937+/-0.000 χ^2/NDF : 5775743588.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

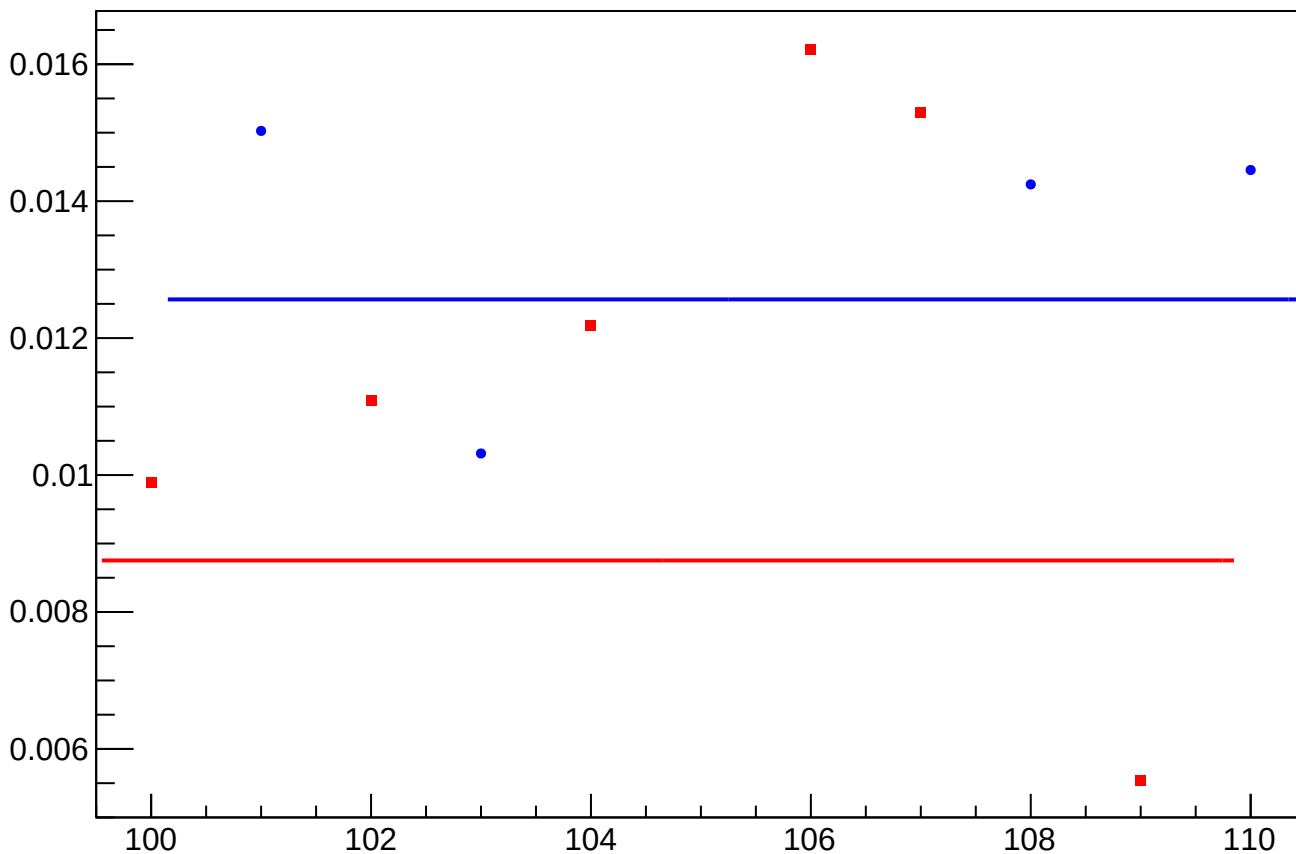
Right: 0.832+/-0.000 χ^2/NDF : 7807108616.5/9

In: 0.628+/-0.000 χ^2/NDF : 1355216308.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.832+/-0.000 χ^2/NDF : 7807108616.5/9

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 102614.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 520512.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

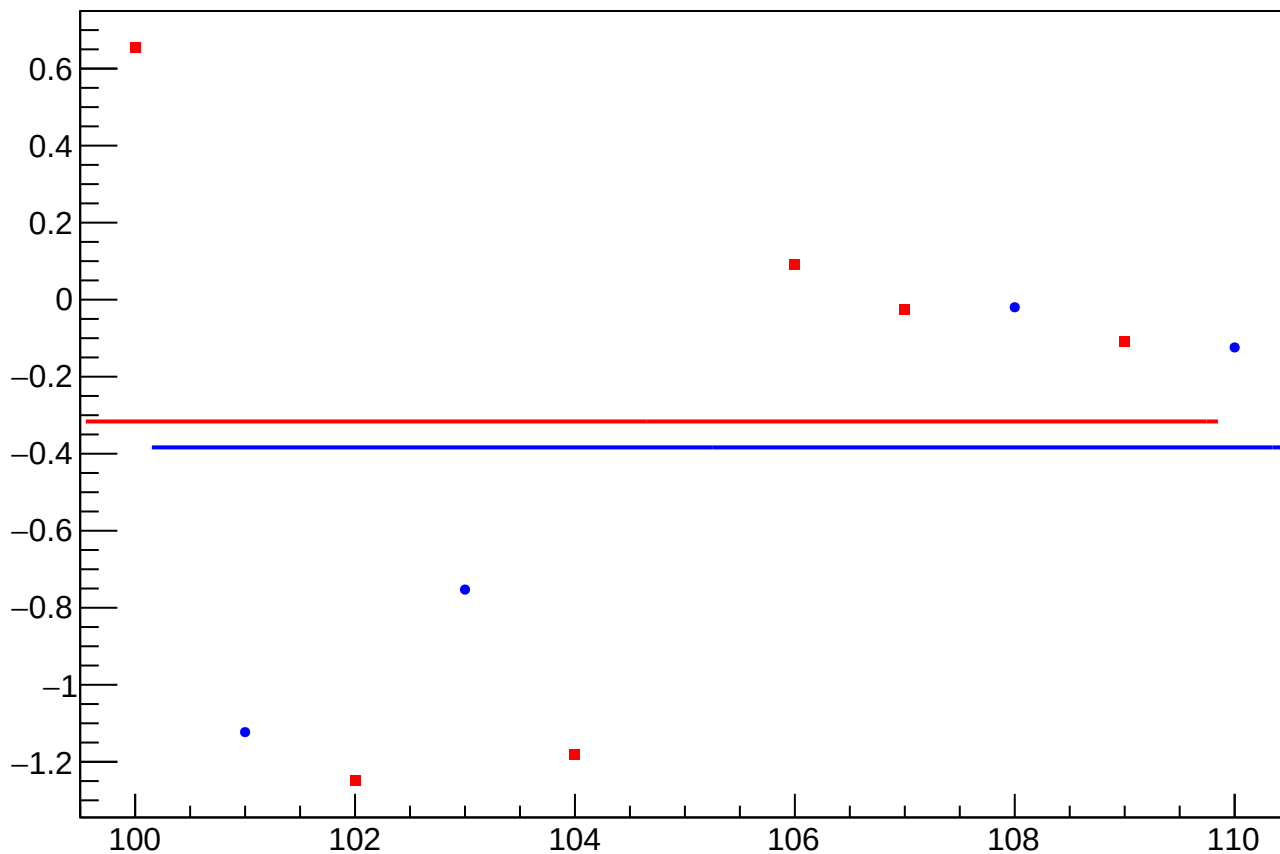
Right: 0.010+/-0.000 χ^2/NDF : 828795.4/9

In: 0.013+/-0.000 χ^2/NDF :102614.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 828795.4/9

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.384+/-0.000 χ^2/NDF : 450468632.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.316+/-0.000 χ^2/NDF : 445689787.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

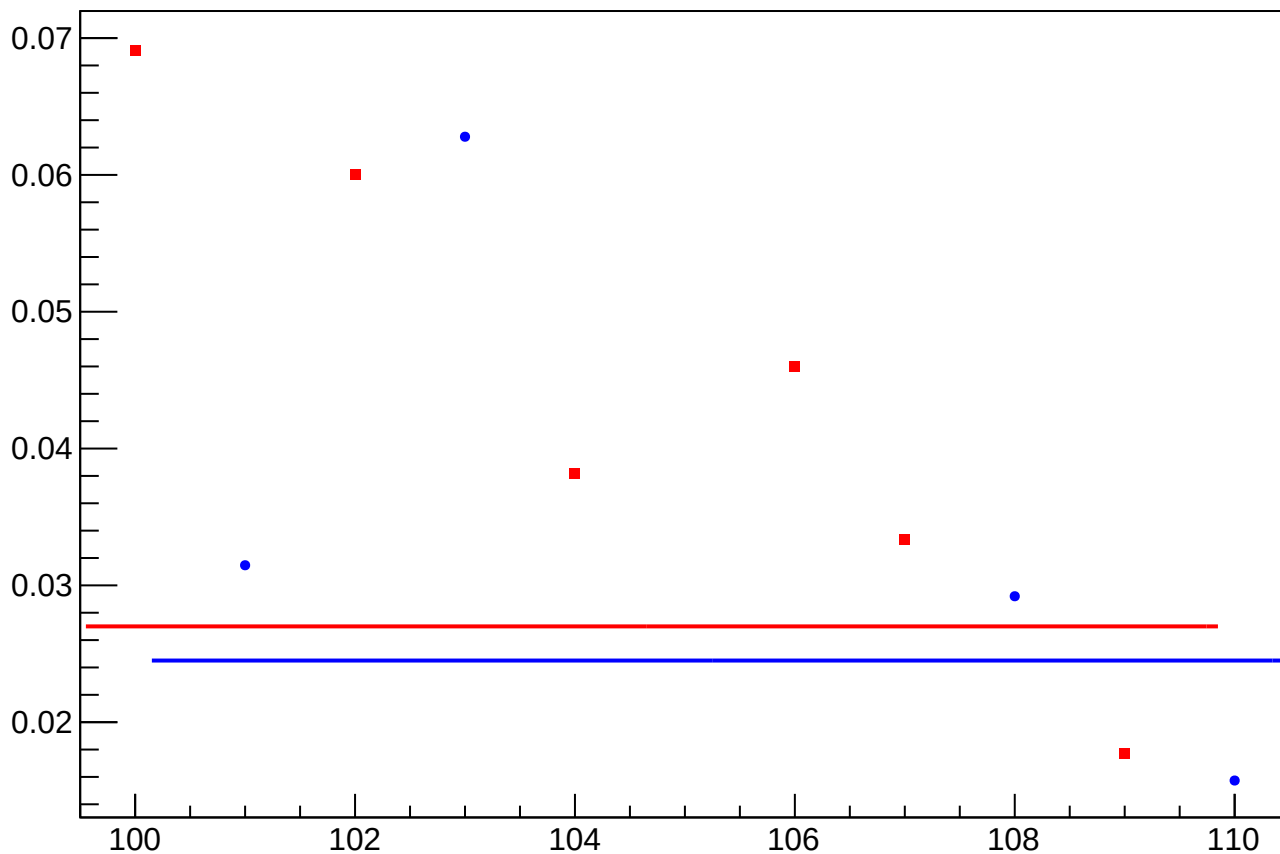
Right: -0.352+/-0.000 χ^2/NDF : 901049041.9/9

In: -0.384+/-0.000 χ^2/NDF : 450468632.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.352+/-0.000 χ^2/NDF : 901049041.9/9

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 662097.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.000 χ^2/NDF : 782506.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

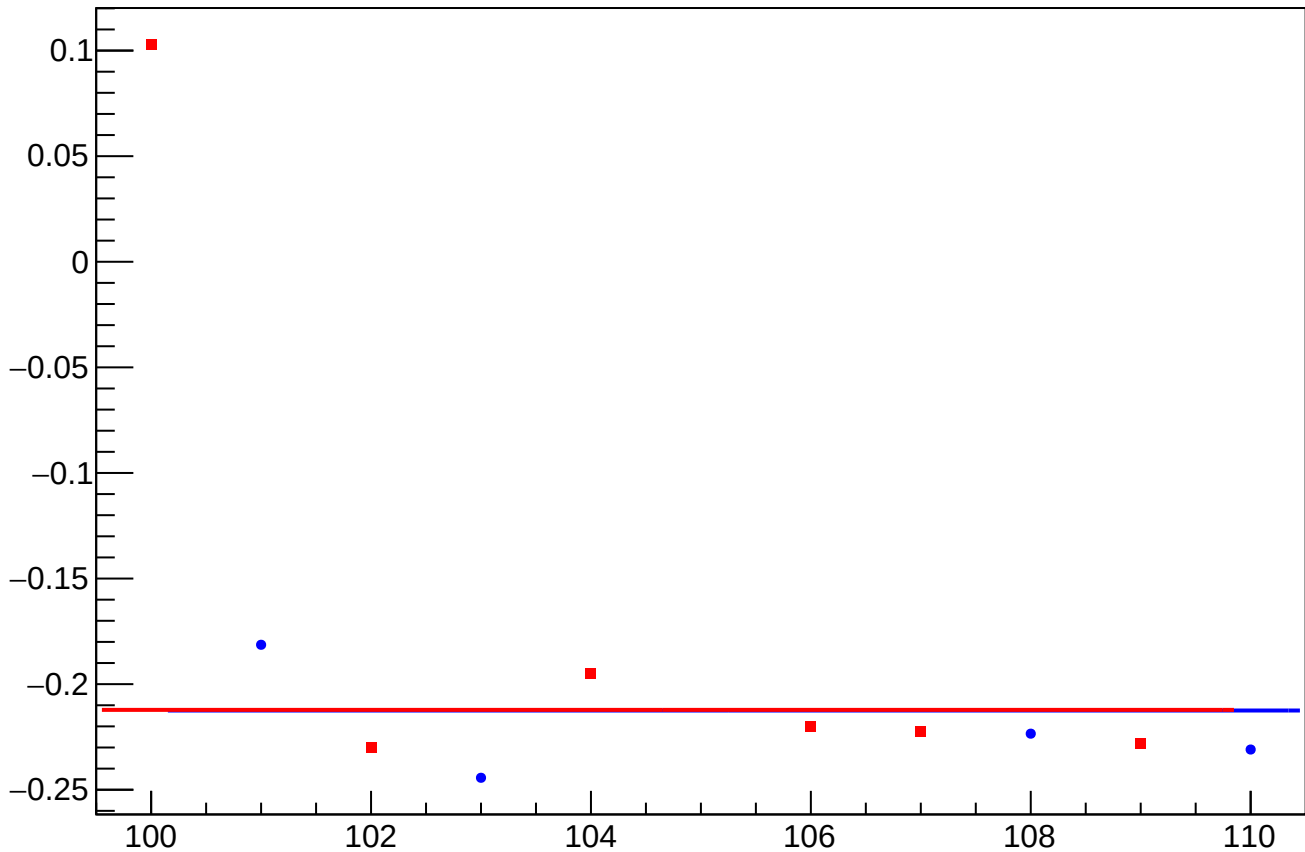
Right: 0.026+/-0.000 χ^2/NDF : 1458043.0/9

In: 0.025+/-0.000 χ^2/NDF : 662097.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 1458043.0/9

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.212+/-0.000 χ^2/NDF : 41136337.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.212+/-0.000 χ^2/NDF : 145959941.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

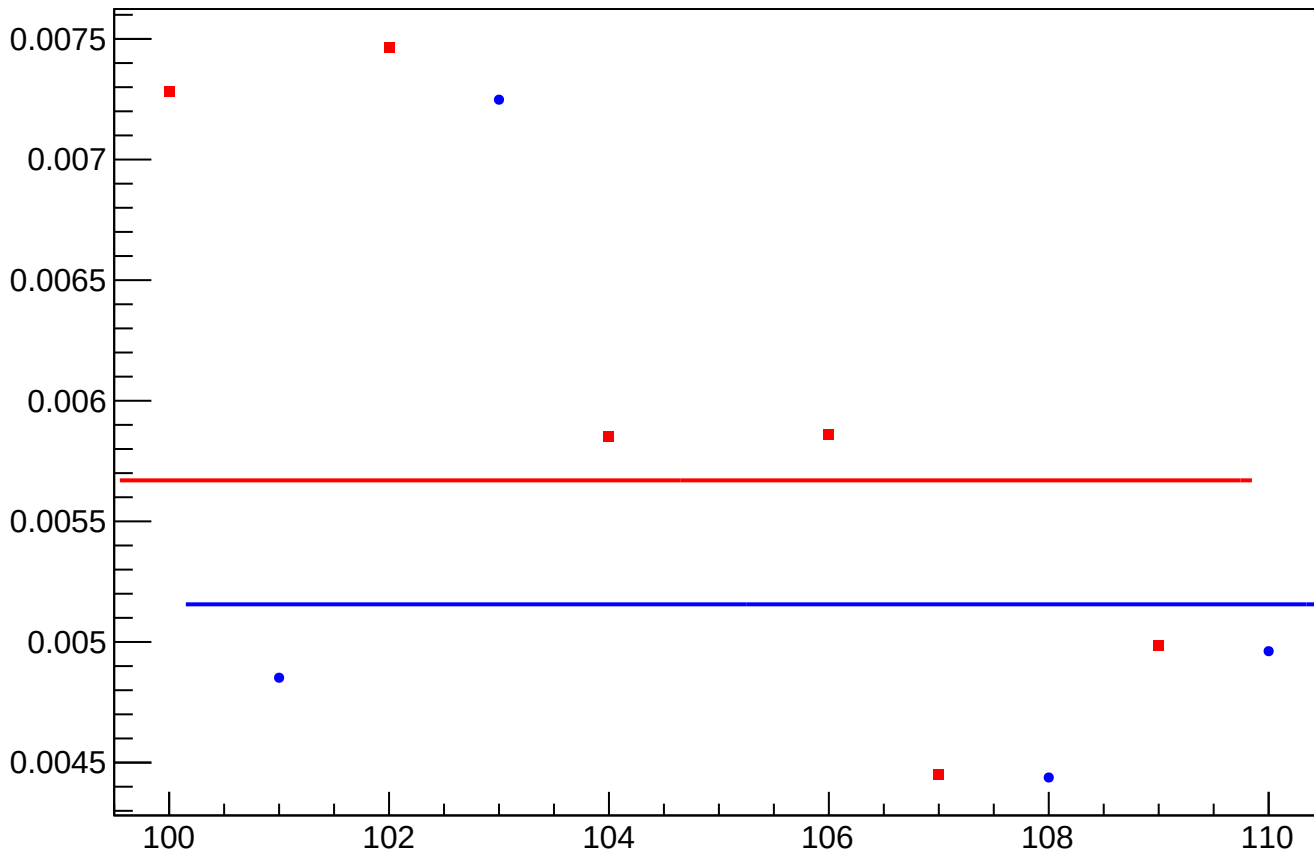
Right: -0.212+/-0.000 χ^2/NDF : 187099165.5/9

In: -0.212+/-0.000 χ^2/NDF : 41136337.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.212+/-0.000 χ^2/NDF : 187099165.5/9

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 116819.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 125032.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

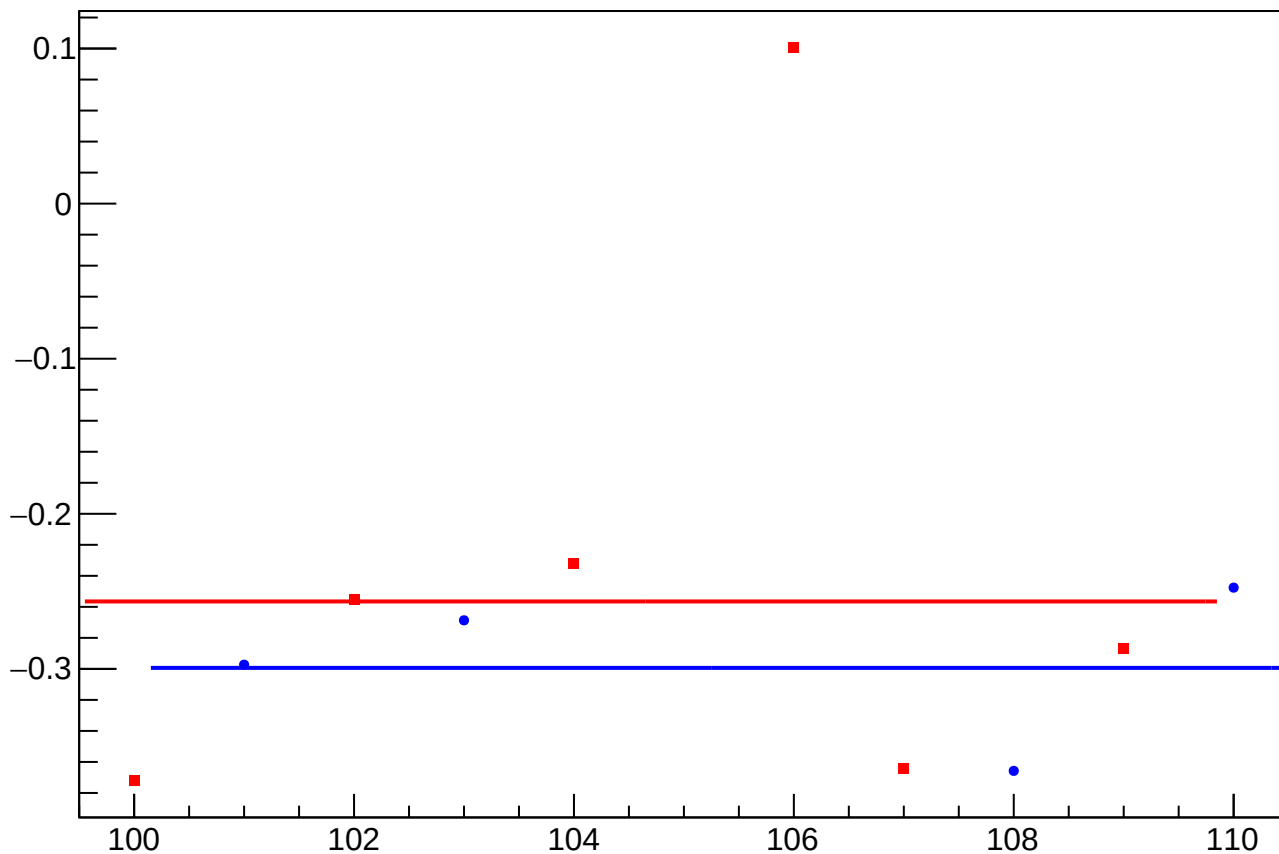
Right: 0.005+/-0.000 χ^2/NDF : 258745.0/9

In: 0.005+/-0.000 χ^2/NDF : 116819.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 258745.0/9

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.299+/-0.000 χ^2/NDF : 77412291.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.257+/-0.000 χ^2/NDF : 502400699.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

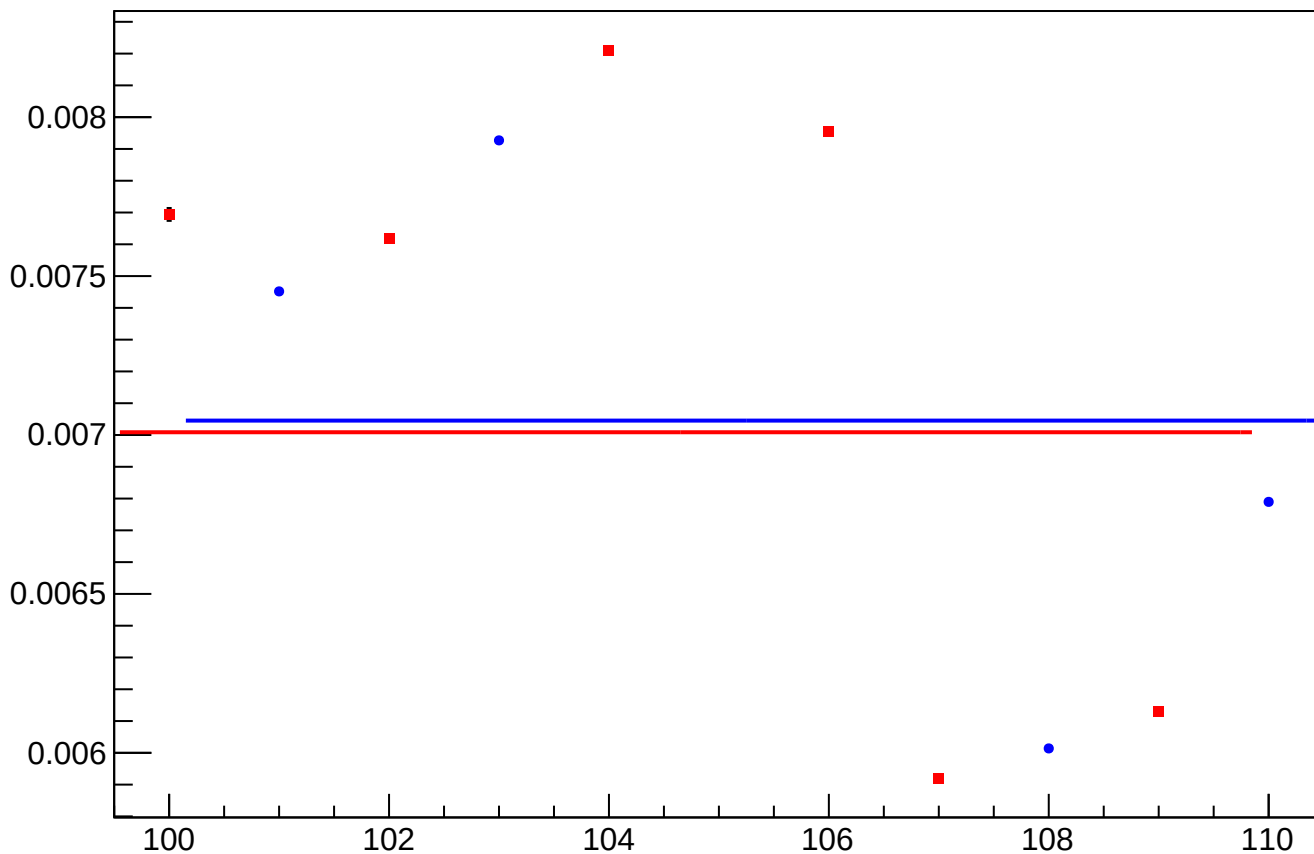
Right: -0.277+/-0.000 χ^2/NDF : 617980278.5/9

In: -0.299+/-0.000 χ^2/NDF : 77412291.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.277+/-0.000 χ^2/NDF : 617980278.5/9

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 42602.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 74233.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

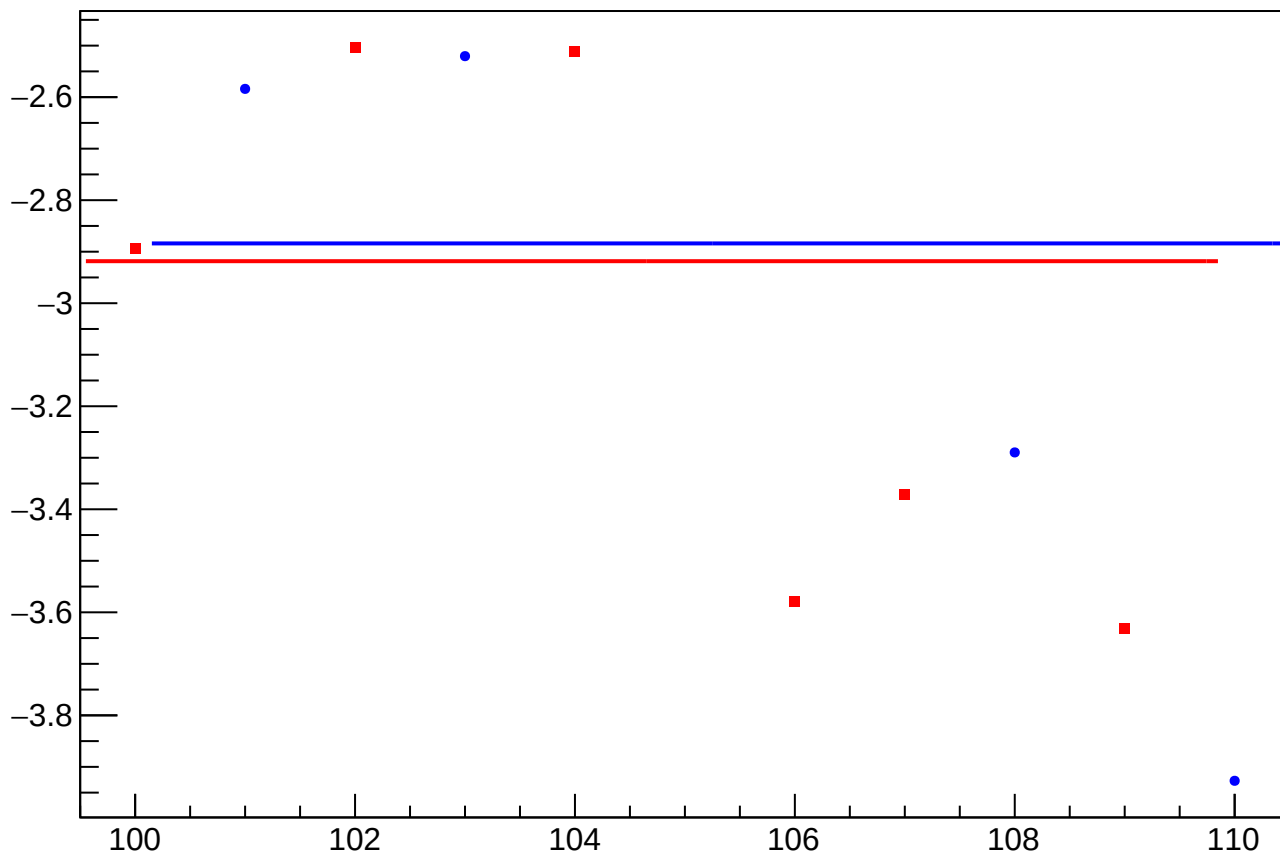
Right: 0.007+/-0.000 χ^2/NDF : 116891.8/9

In: 0.007+/-0.000 χ^2/NDF : 42602.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 116891.8/9

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -2.884+/-0.000 χ^2/NDF : 9527480588.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.918+/-0.000 χ^2/NDF : 9388803002.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

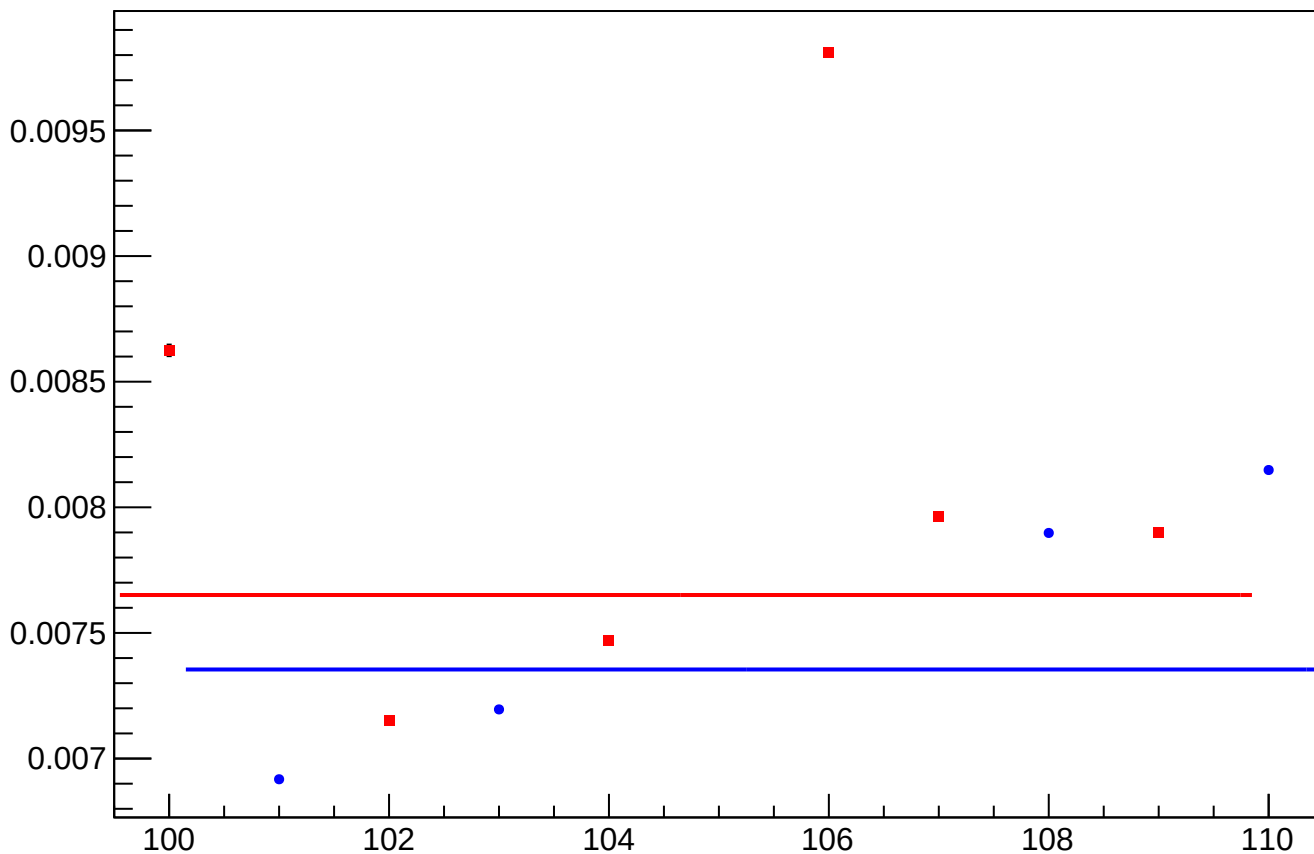
Right: -2.901+/-0.000 χ^2/NDF : 18937733355.9/9

In: -2.884+/-0.000 χ^2/NDF :9527480588.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.901+/-0.000 χ^2/NDF : 18937733355.9/9

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 16029.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 25764.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

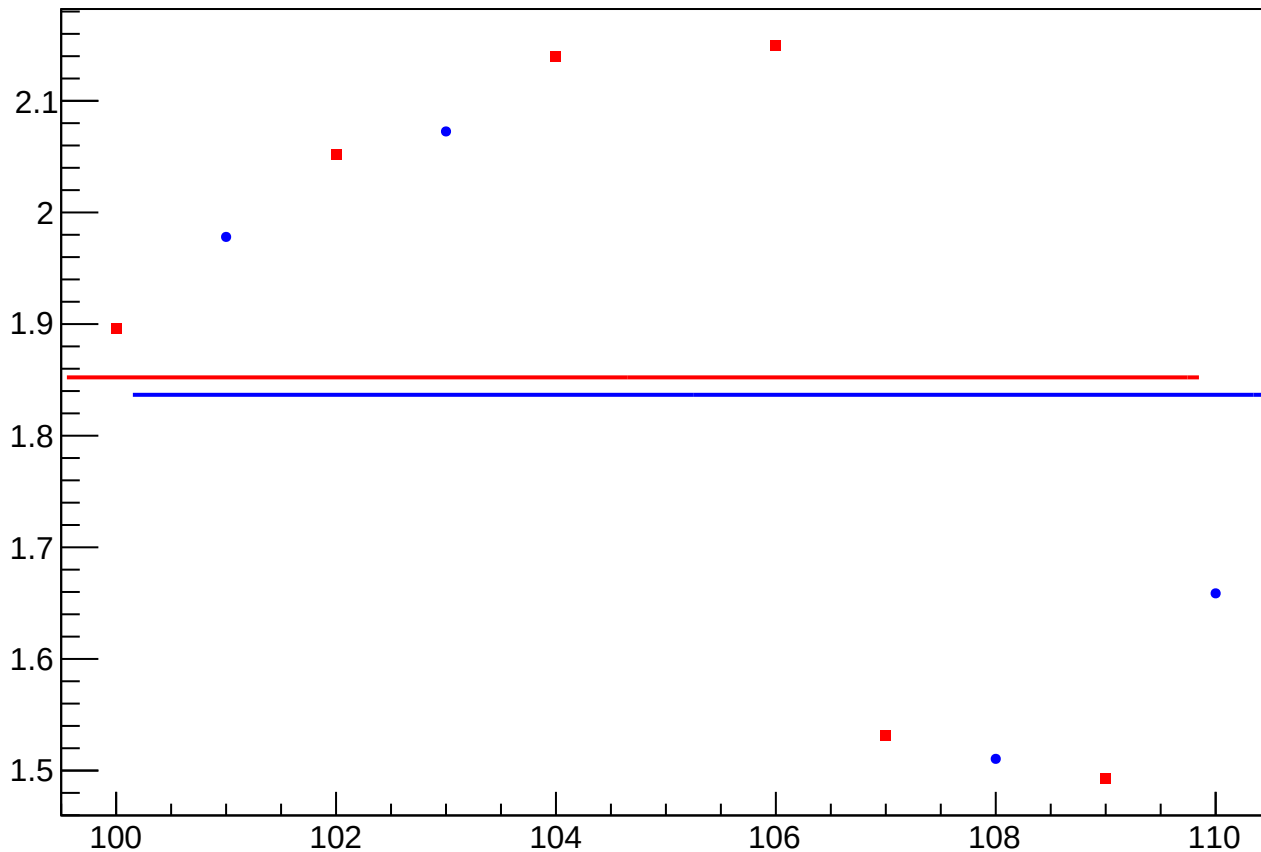
Right: 0.008+/-0.000 χ^2/NDF : 44962.9/9

In: 0.007+/-0.000 χ^2/NDF : 16029.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 44962.9/9

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.837+/-0.000 χ^2/NDF : 643564528.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.852+/-0.000 χ^2/NDF : 1121438212.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

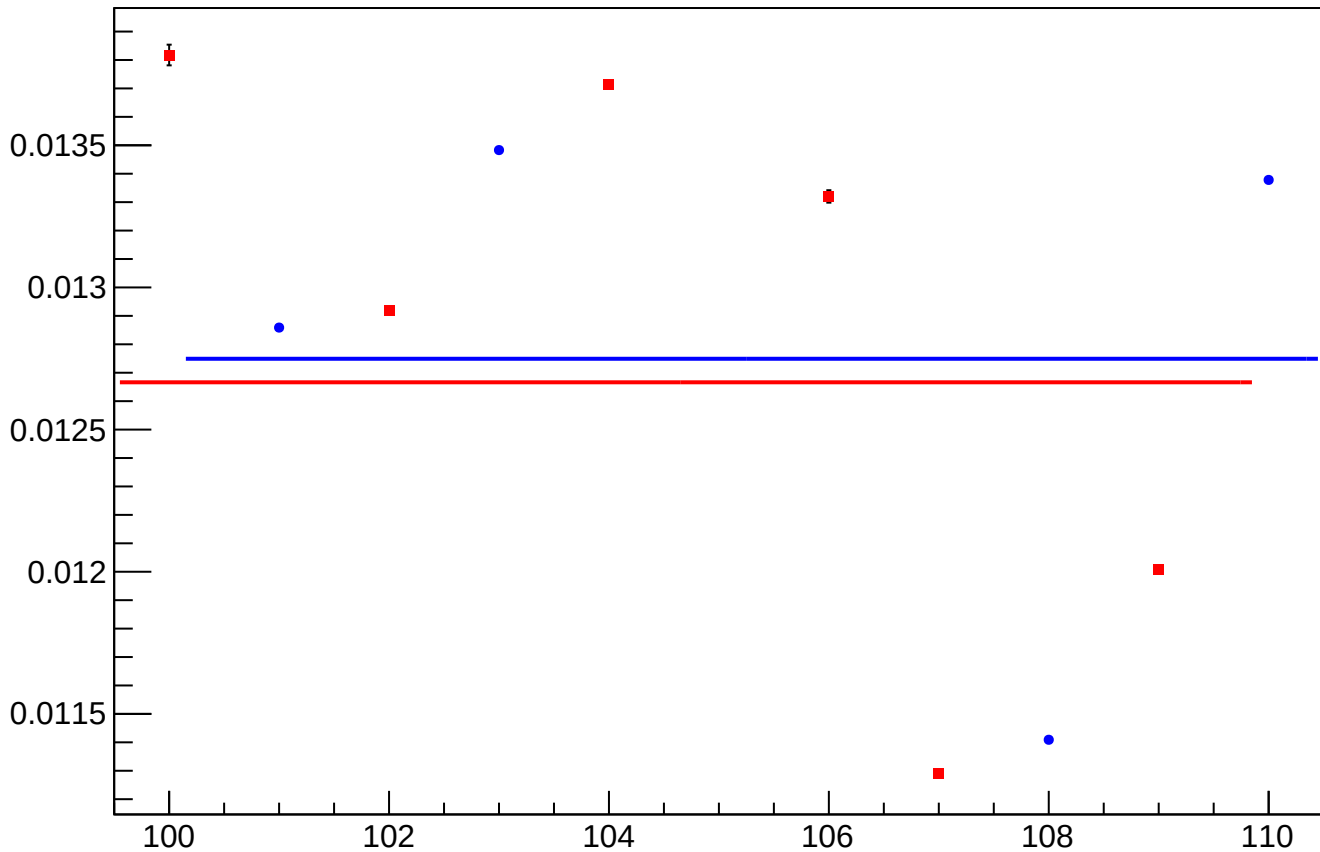
Right: 1.845+/-0.000 χ^2/NDF : 1766557715.7/9

In: 1.837+/-0.000 χ^2/NDF : 643564528.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.845+/-0.000 χ^2/NDF : 1766557715.7/9

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 16000.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 18511.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

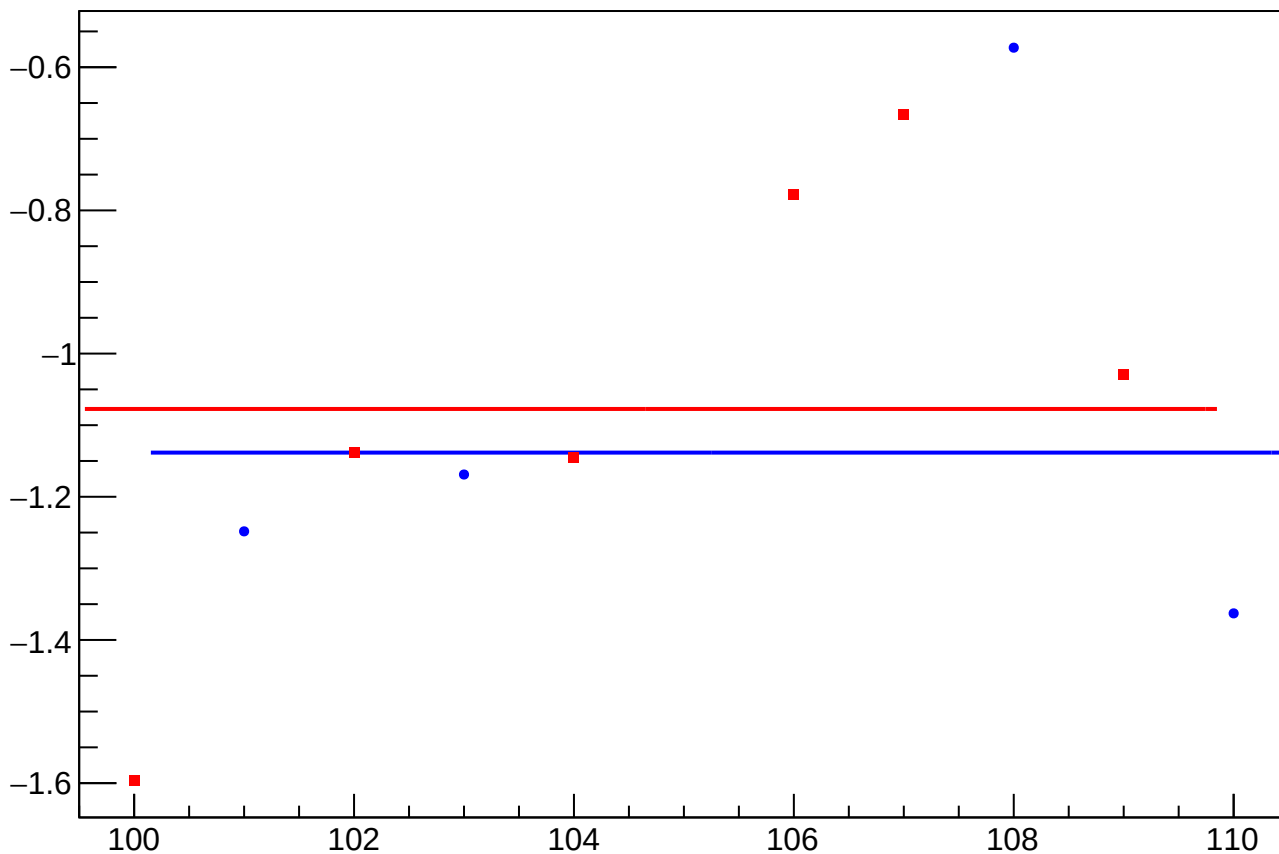
Right: 0.013+/-0.000 χ^2/NDF : 34599.6/9

In: 0.013+/-0.000 χ^2/NDF : 16000.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 34599.6/9

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.138+/-0.000 χ^2/NDF : 1715649198.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.077+/-0.000 χ^2/NDF : 834730589.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

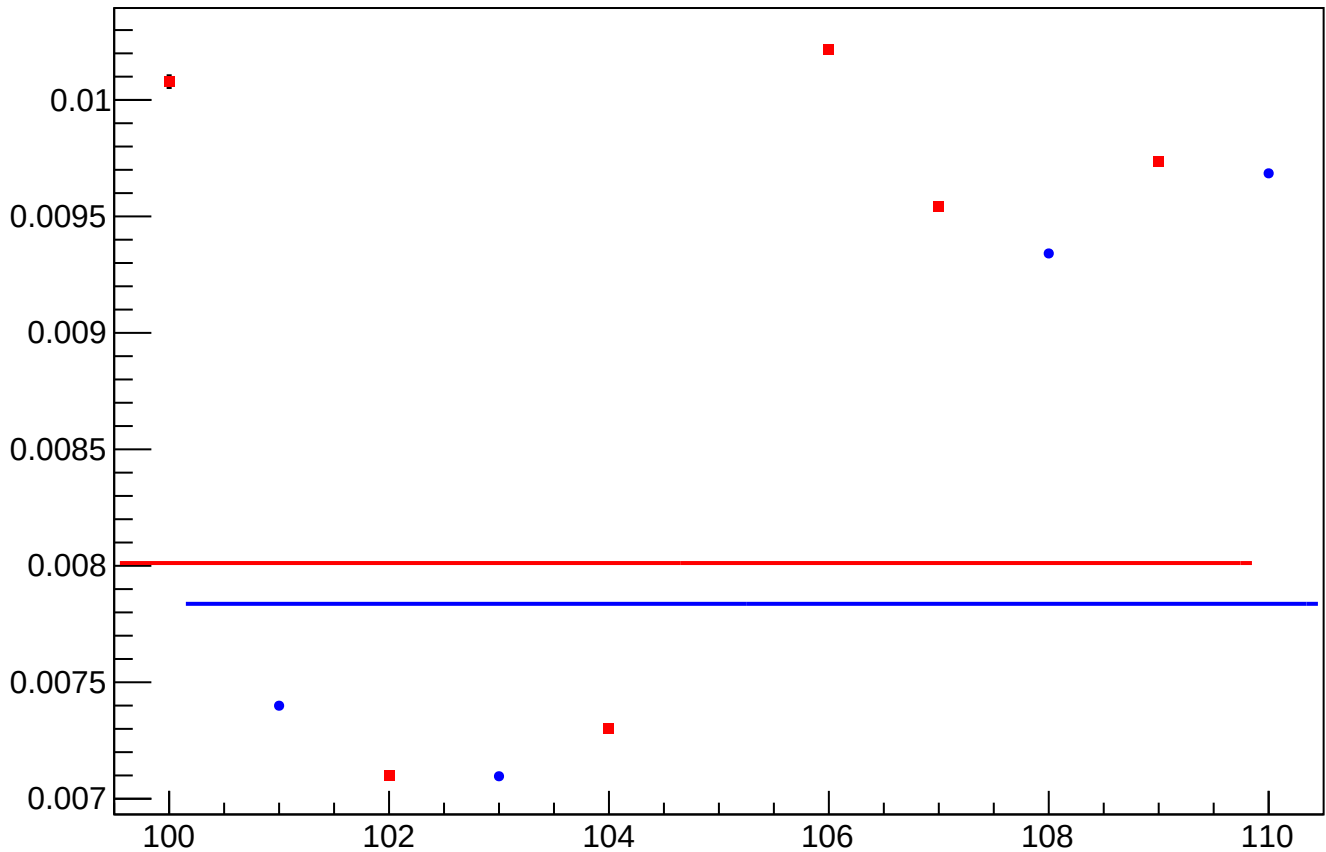
Right: -1.107+/-0.000 χ^2/NDF : 2608326294.9/9

In: -1.138+/-0.000 χ^2/NDF :1715649198.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.107+/-0.000 χ^2/NDF : 2608326294.9/9

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 61975.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 93118.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

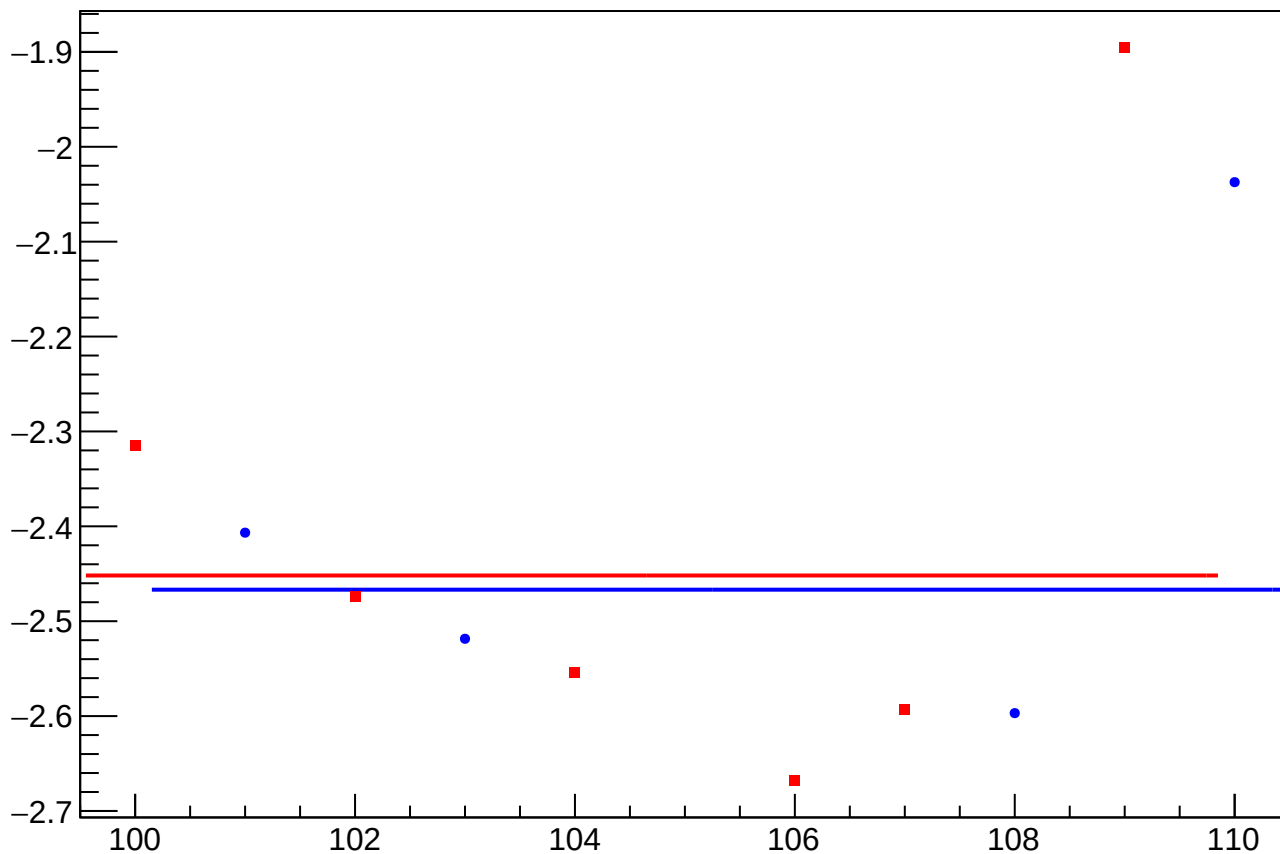
Right: 0.008+/-0.000 χ^2/NDF : 156049.3/9

In: 0.008+/-0.000 χ^2/NDF : 61975.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 156049.3/9

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.467+/-0.000 χ^2/NDF : 540458613.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.452+/-0.000 χ^2/NDF : 2230943647.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

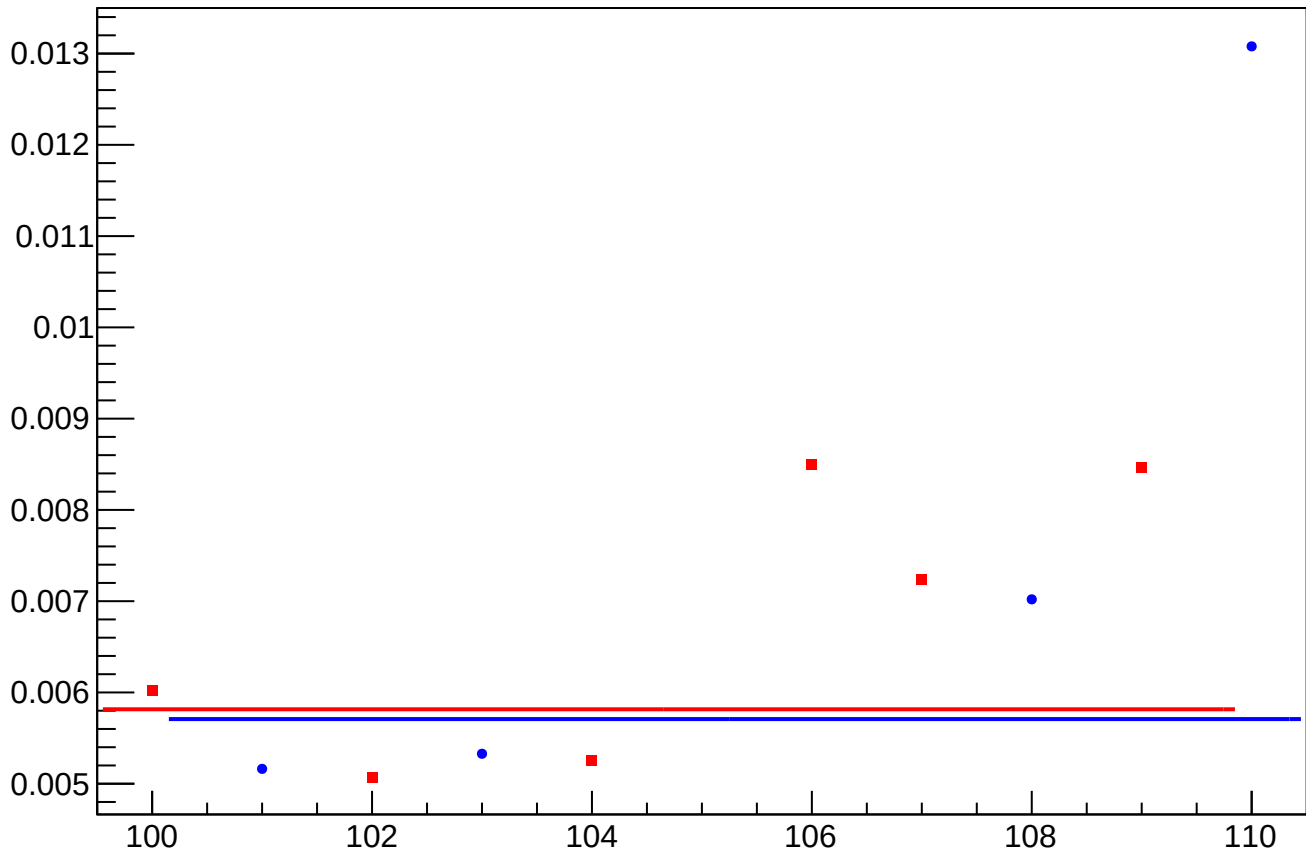
Right: -2.459+/-0.000 χ^2/NDF : 2777573934.4/9

In: -2.467+/-0.000 χ^2/NDF : 540458613.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.459+/-0.000 χ^2/NDF : 2777573934.4/9

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 204588.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 172045.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

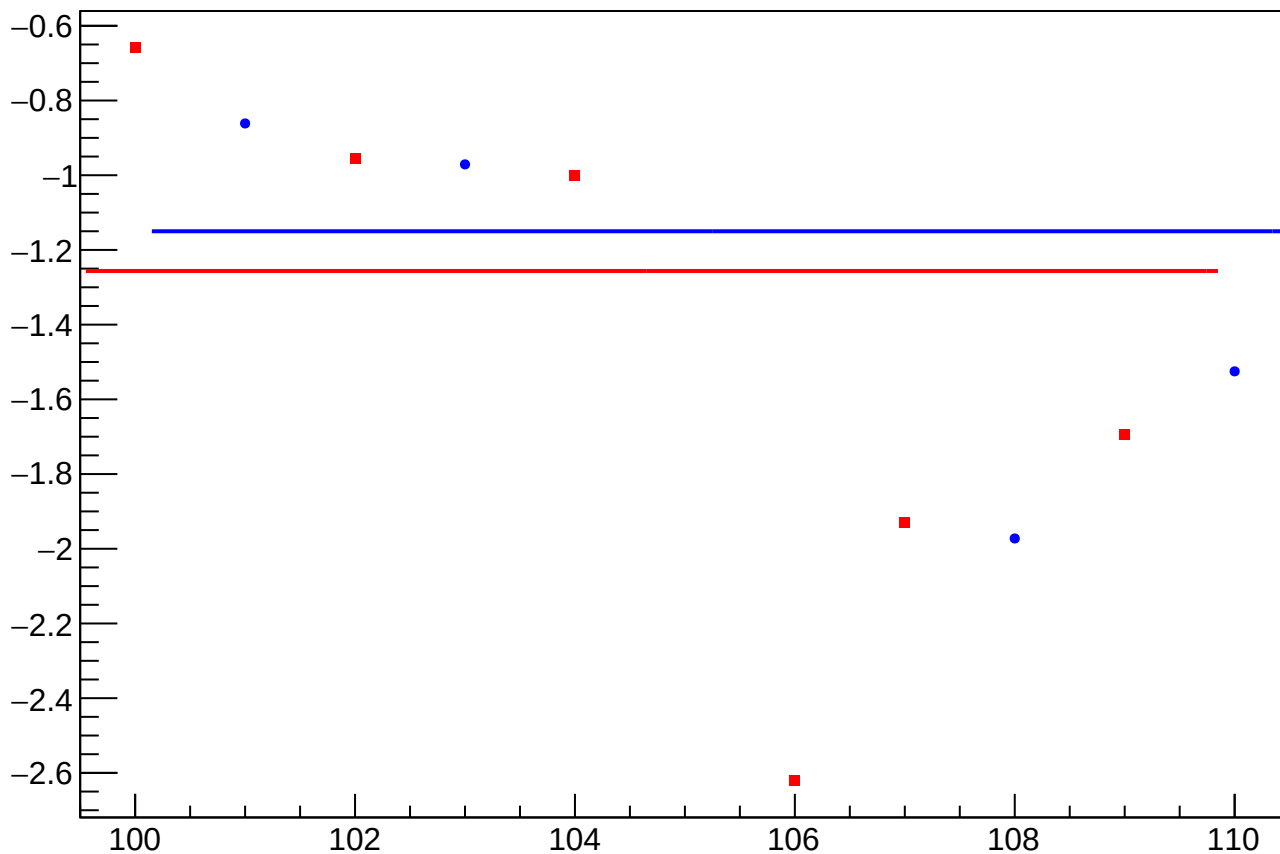
Right: 0.006+/-0.000 χ^2/NDF : 377271.9/9

In: 0.006+/-0.000 χ^2/NDF : 204588.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 377271.9/9

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.150+/-0.000 χ^2/NDF : 10080609546.9/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.256+/-0.000 χ^2/NDF : 16504320086.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

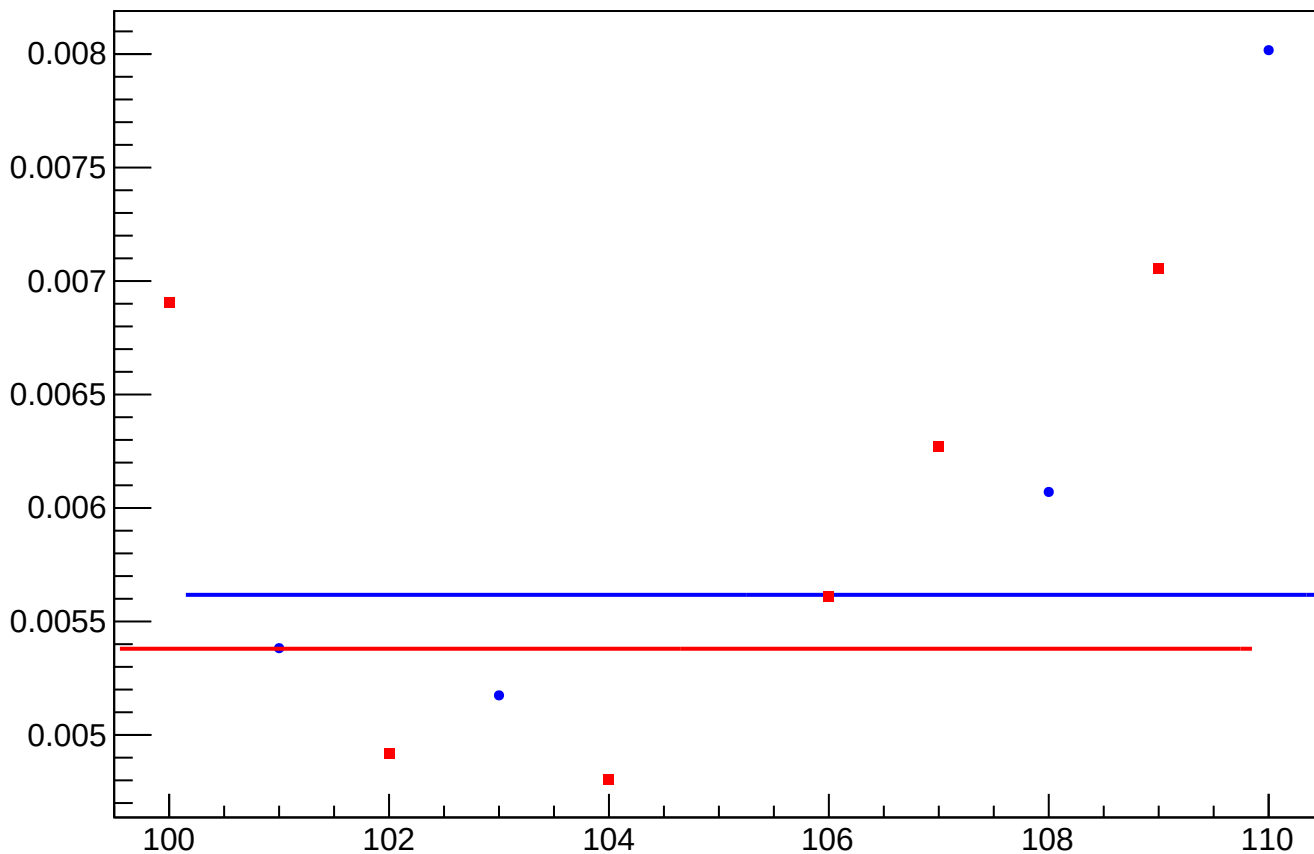
Right: -1.207+/-0.000 χ^2/NDF : 26933993091.6/9

In: -1.150+/-0.000 χ^2/NDF :10080609546.9/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.207+/-0.000 χ^2/NDF : 26933993091.6/9

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 62376.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 92154.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

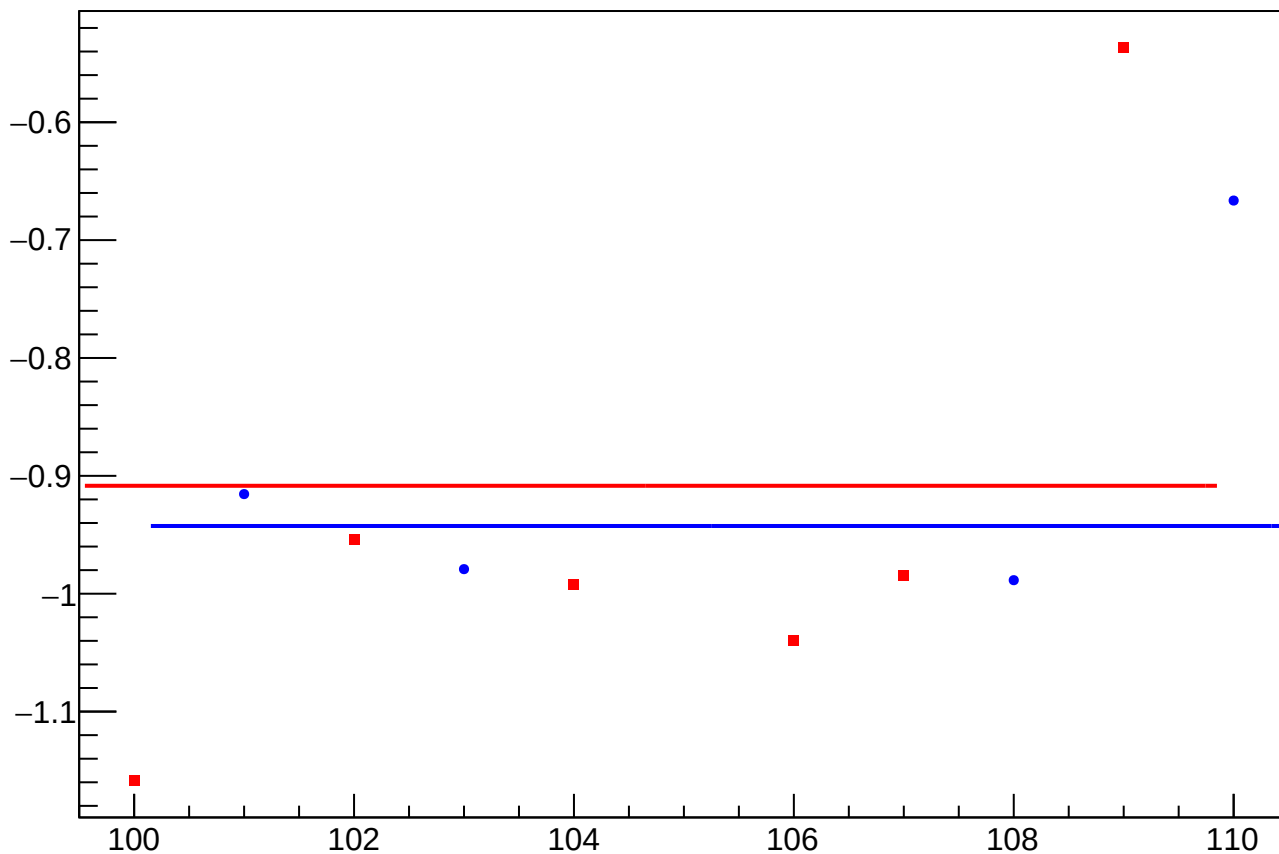
Right: 0.005+/-0.000 χ^2/NDF : 158016.7/9

In: 0.006+/-0.000 χ^2/NDF : 62376.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 158016.7/9

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.943+/-0.000 χ^2/NDF : 377707239.3/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.908+/-0.000 χ^2/NDF : 2793051480.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

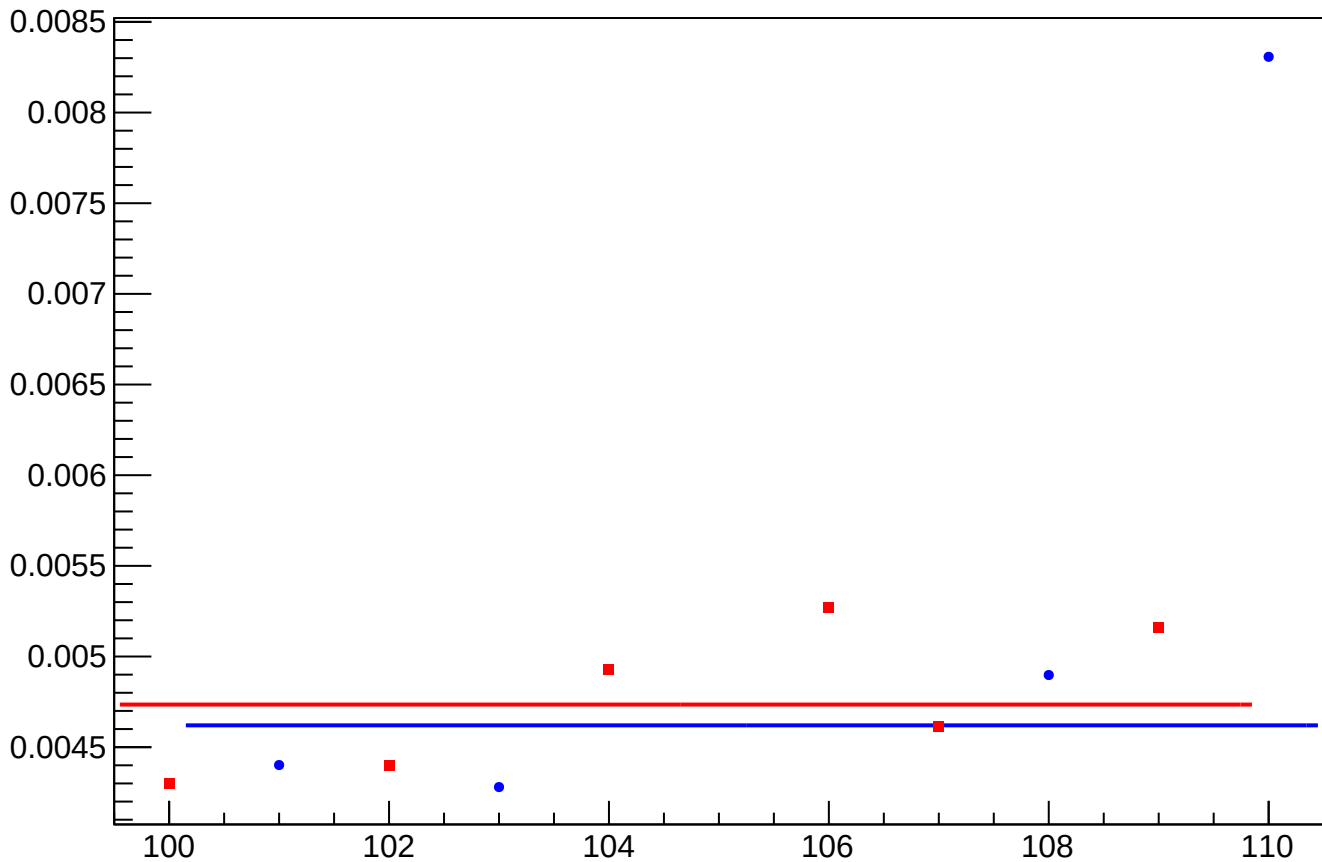
Right: -0.925+/-0.000 χ^2/NDF : 3221248574.8/9

In: -0.943+/-0.000 χ^2/NDF :377707239.3/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.925+/-0.000 χ^2/NDF : 3221248574.8/9

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 111872.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 19625.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

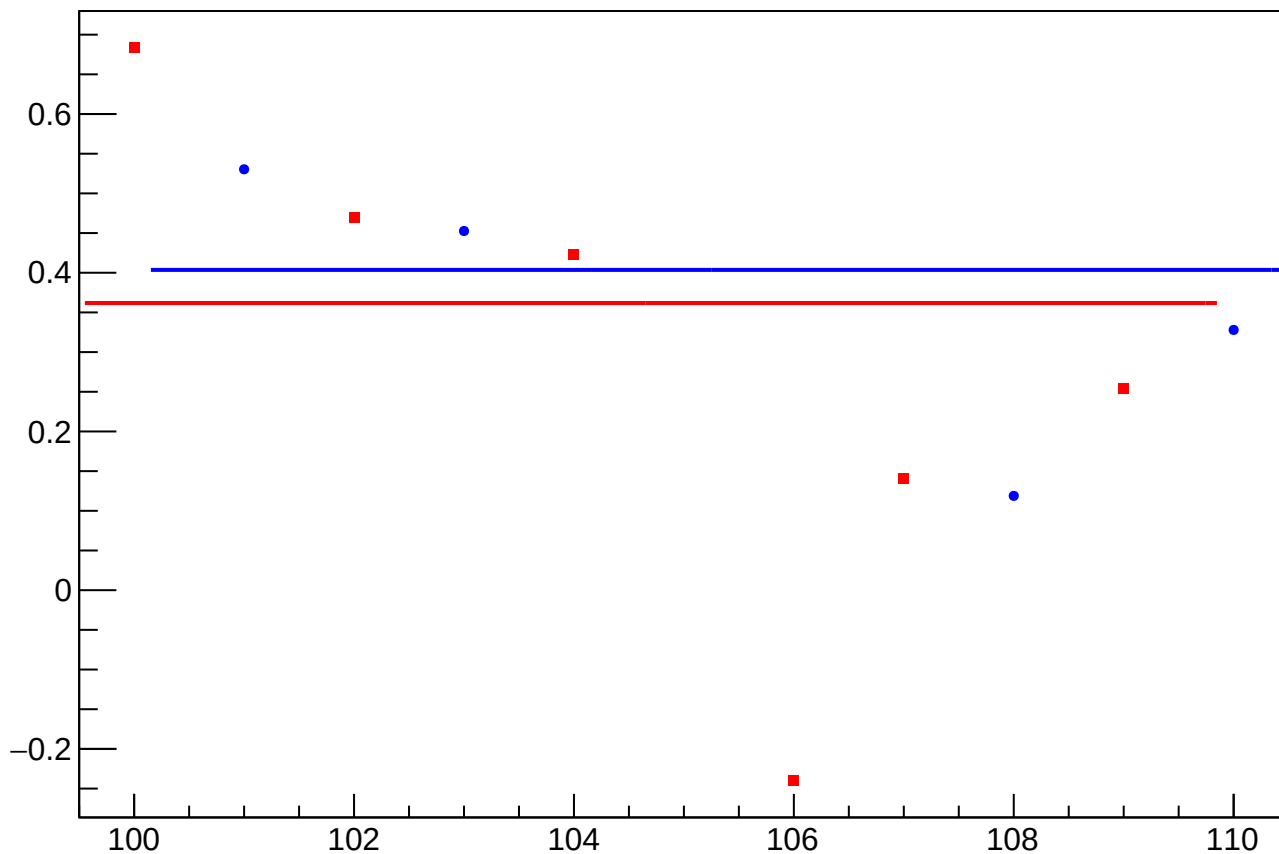
Right: 0.005+/-0.000 χ^2/NDF : 132639.1/9

In: 0.005+/-0.000 χ^2/NDF : 111872.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 132639.1/9

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.404+/-0.000 χ^2/NDF : 3043323129.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.362+/-0.000 χ^2/NDF : 4671527692.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

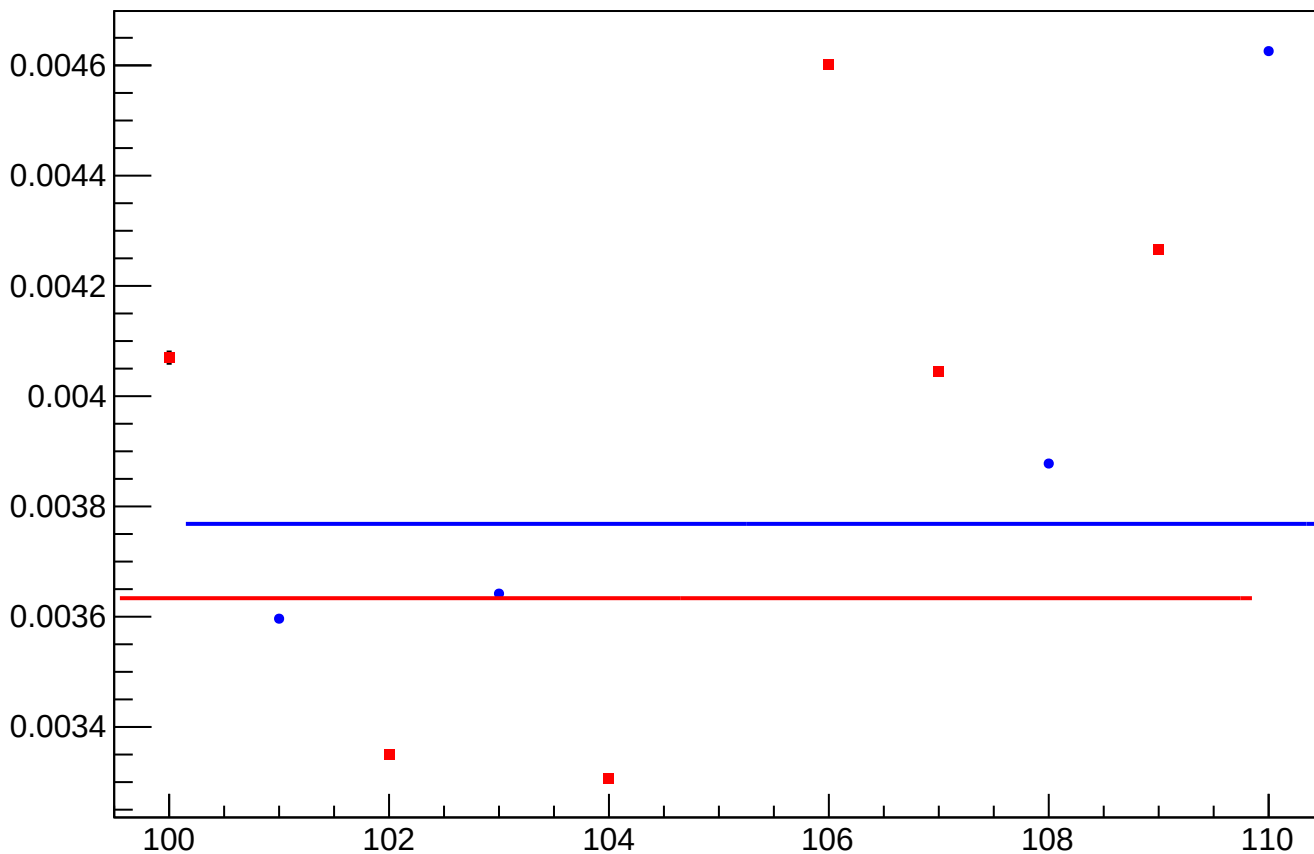
Right: 0.381+/-0.000 χ^2/NDF : 7836457698.1/9

In: 0.404+/-0.000 χ^2/NDF : 3043323129.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.381+/-0.000 χ^2/NDF : 7836457698.1/9

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 23763.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 57905.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

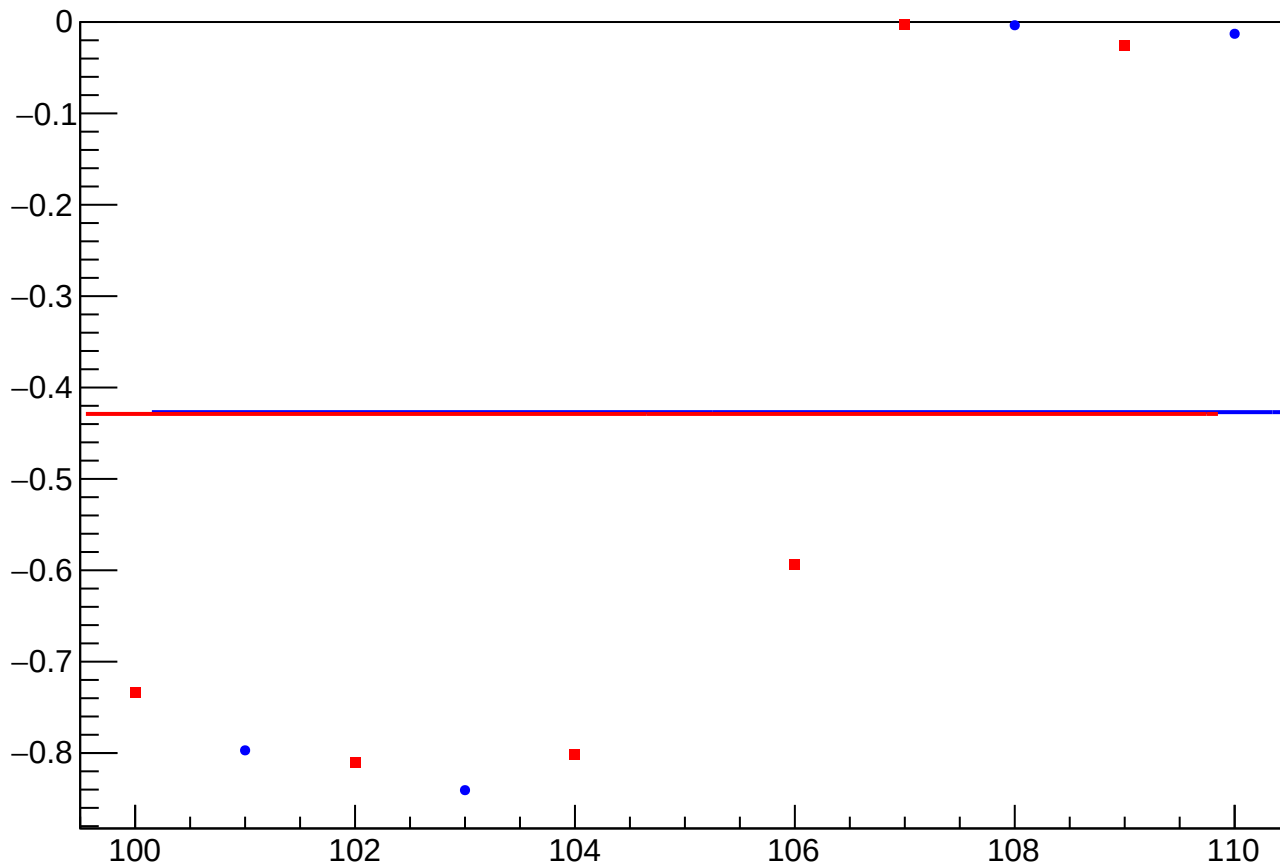
Right: 0.004+/-0.000 χ^2/NDF : 84208.8/9

In: 0.004+/-0.000 χ^2/NDF : 23763.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 84208.8/9

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.427+/-0.000 χ^2/NDF : 2722225713.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.429+/-0.000 χ^2/NDF : 2782075715.8/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

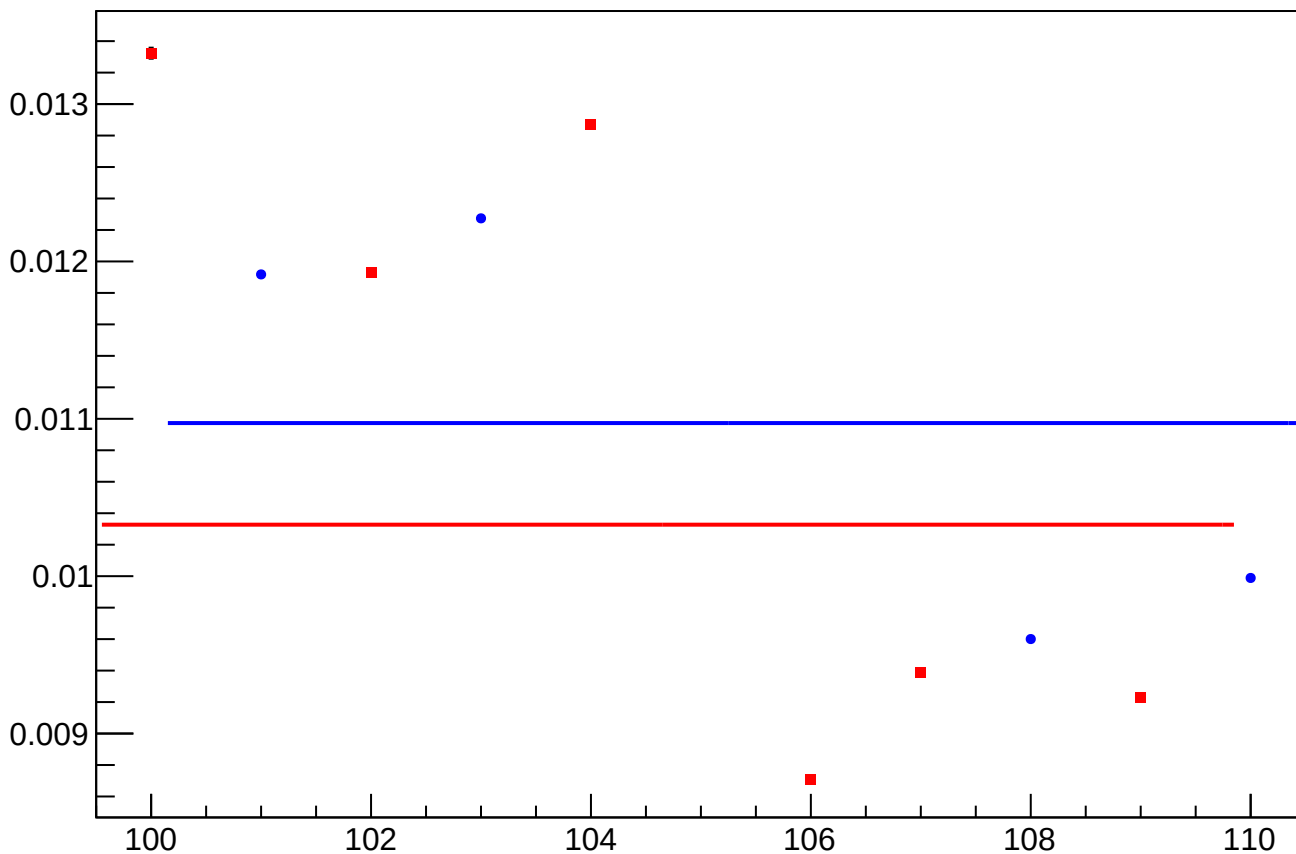
Right: -0.428+/-0.000 χ^2/NDF : 5504336806.0/9

In: -0.427+/-0.000 χ^2/NDF :2722225713.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.428+/-0.000 χ^2/NDF : 5504336806.0/9

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 45086.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 113470.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

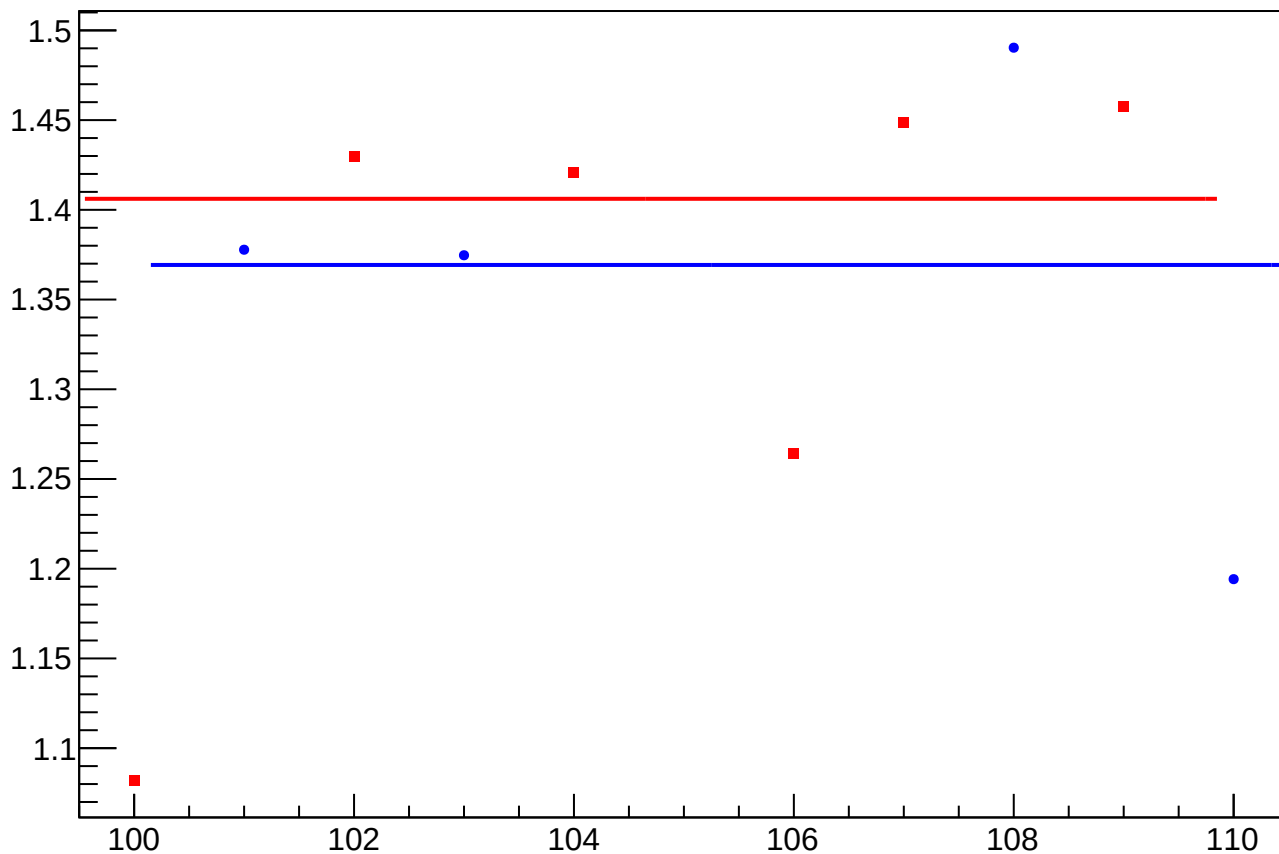
Right: 0.011+/-0.000 χ^2/NDF : 166365.0/9

In: 0.011+/-0.000 χ^2/NDF : 45086.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 166365.0/9

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.369+/-0.000 χ^2/NDF : 302724007.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.406+/-0.000 χ^2/NDF : 325686337.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

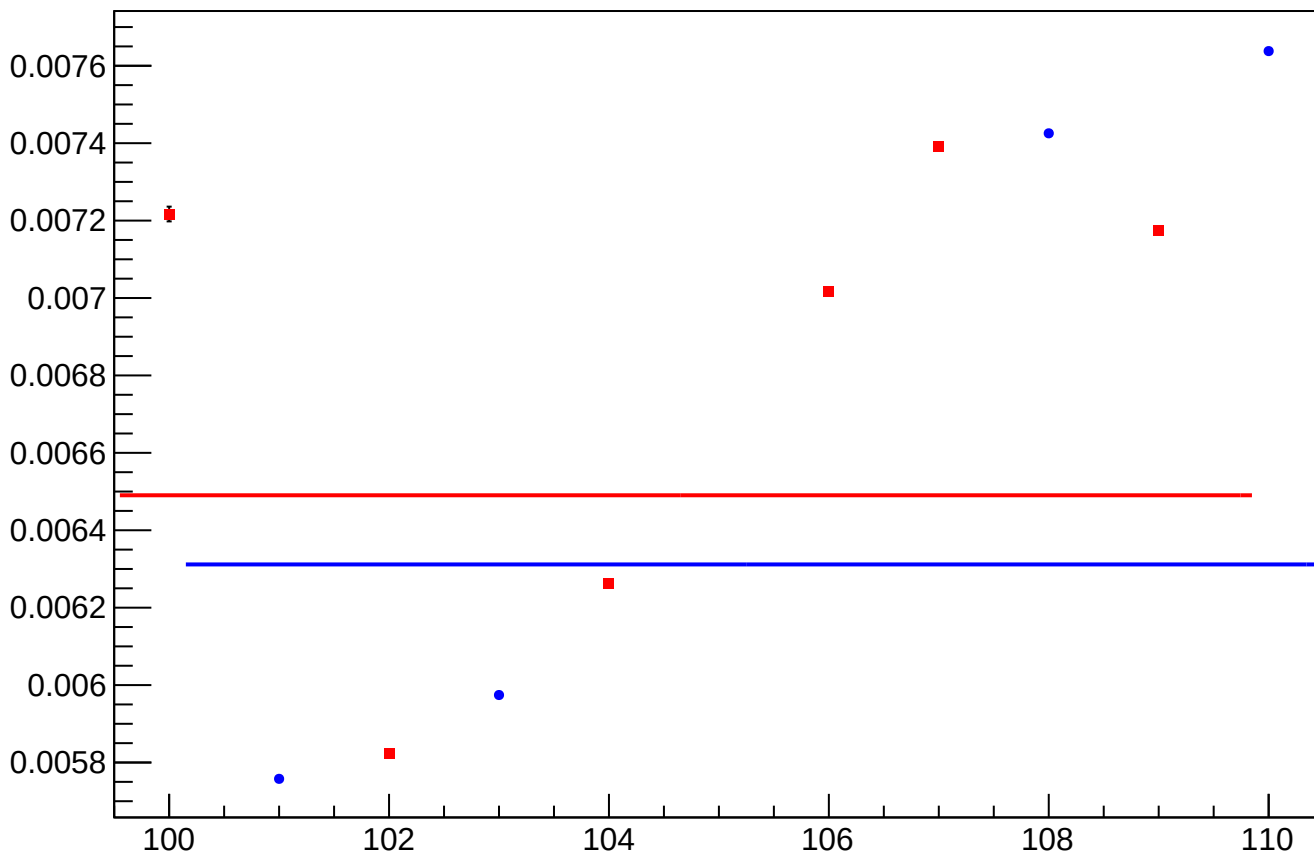
Right: 1.389+/-0.000 χ^2/NDF : 663899911.1/9

In: 1.369+/-0.000 χ^2/NDF : 302724007.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.389+/-0.000 χ^2/NDF : 663899911.1/9

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 55975.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 40278.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

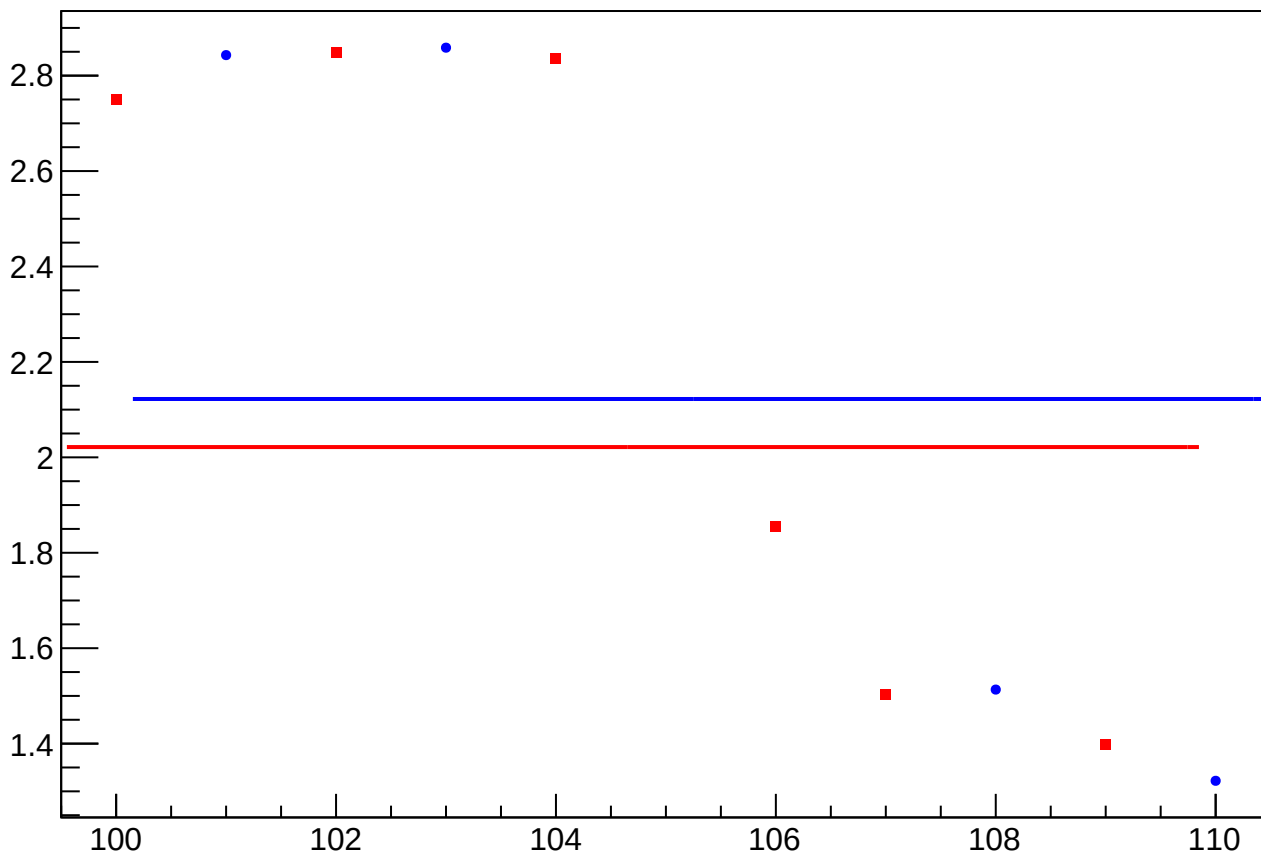
Right: 0.006+/-0.000 χ^2/NDF : 97921.5/9

In: 0.006+/-0.000 χ^2/NDF : 55975.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 97921.5/9

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 2.122+/-0.000 χ^2/NDF : 20165526300.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.022+/-0.000 χ^2/NDF : 20110527568.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

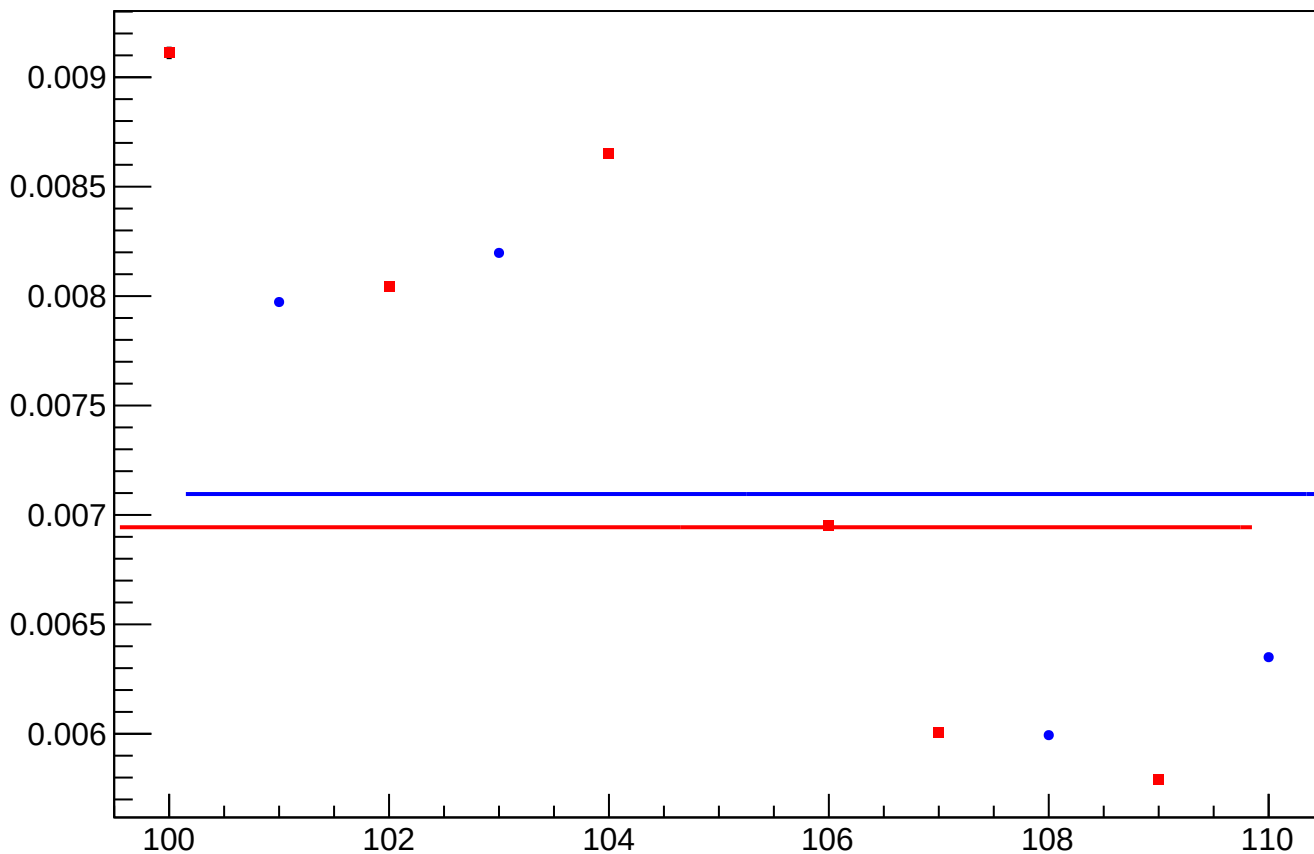
Right: 2.068+/-0.000 χ^2/NDF : 40493529014.5/9

In: 2.122+/-0.000 χ^2/NDF : 20165526300.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.068+/-0.000 χ^2/NDF : 40493529014.5/9

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 74407.3/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 127174.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

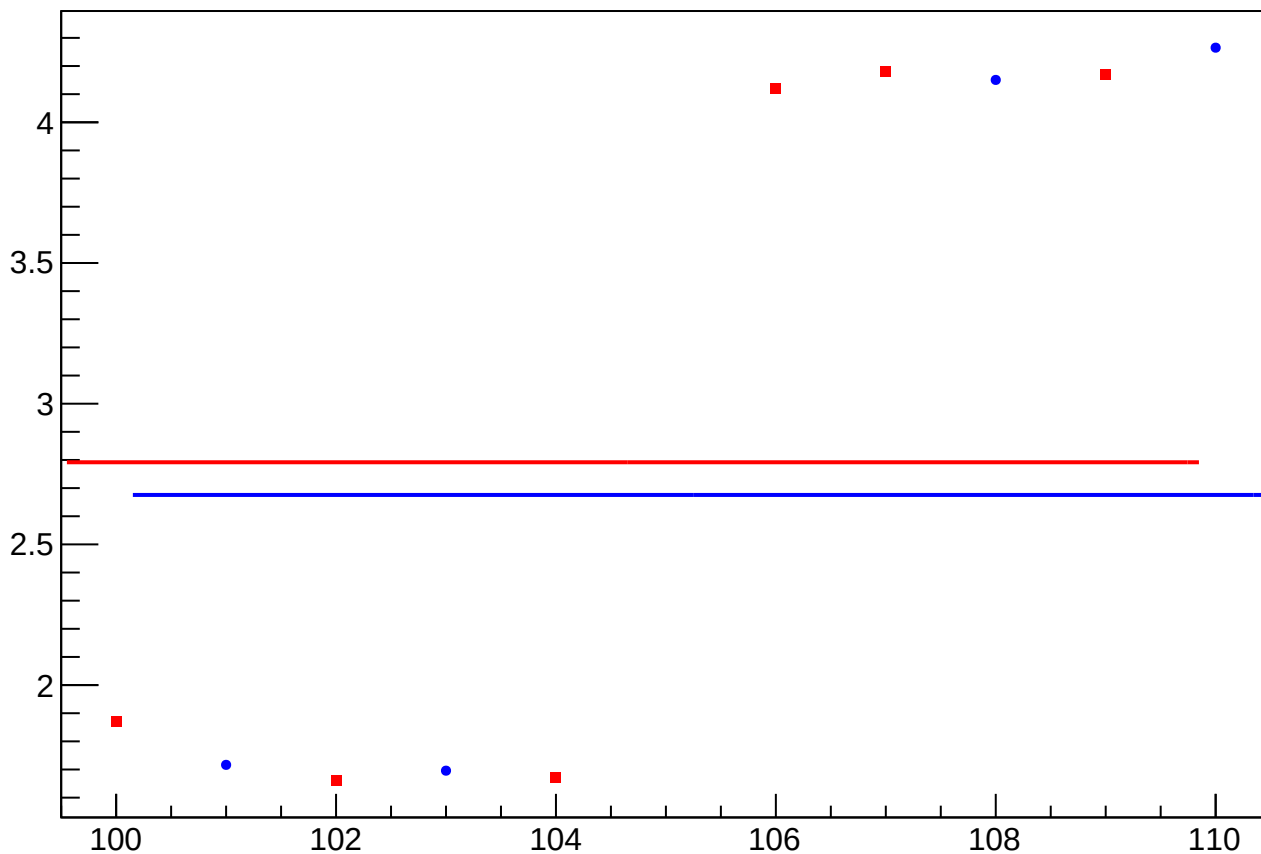
Right: 0.007+/-0.000 χ^2/NDF : 202567.9/9

In: 0.007+/-0.000 χ^2/NDF :74407.3/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 202567.9/9

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 2.676+/-0.000 χ^2/NDF : 109291897721.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.792+/-0.000 χ^2/NDF : 124210829940.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

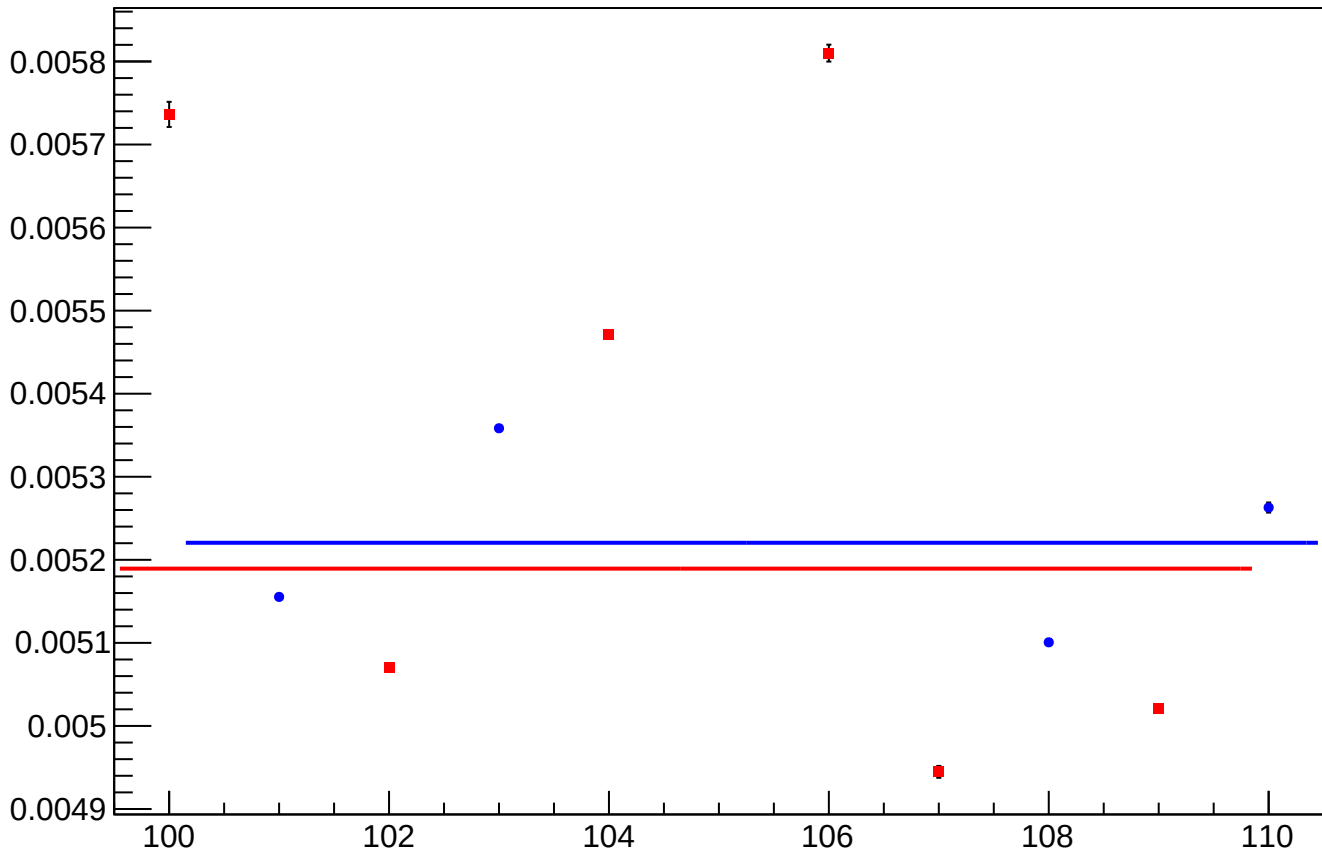
Right: 2.736+/-0.000 χ^2/NDF : 234022592441.3/9

In: 2.676+/-0.000 χ^2/NDF : 109291897721.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.736+/-0.000 χ^2/NDF : 234022592441.3

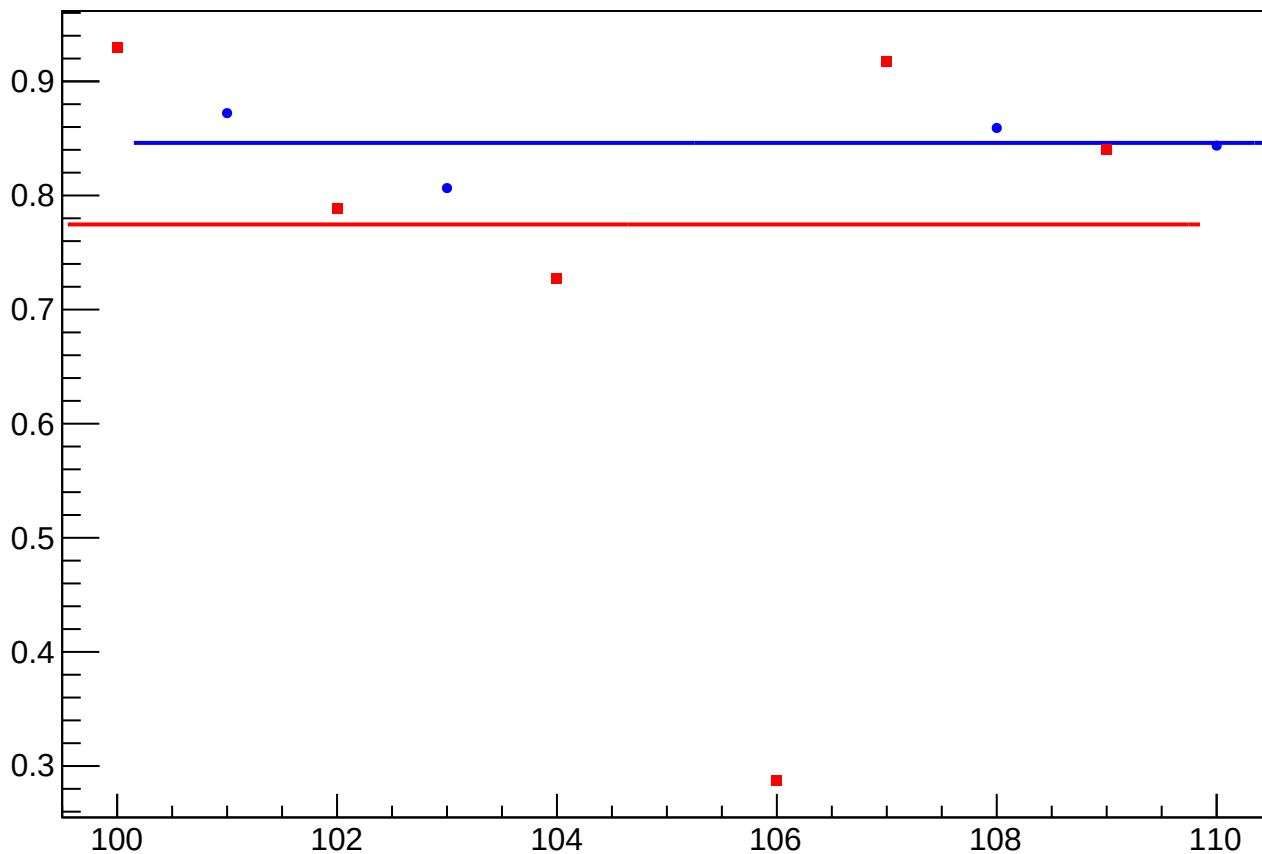
yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1475.1/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.005+/-0.000 χ^2/NDF : 10888.8/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.005+/-0.000 χ^2/NDF : 12438.6/9
 In: 0.005+/-0.000 χ^2/NDF : 1475.1/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.005+/-0.000 χ^2/NDF : 12438.6/9

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.846+/-0.000 χ^2/NDF : 6547129.1/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.775+/-0.000 χ^2/NDF : 221237294.2/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

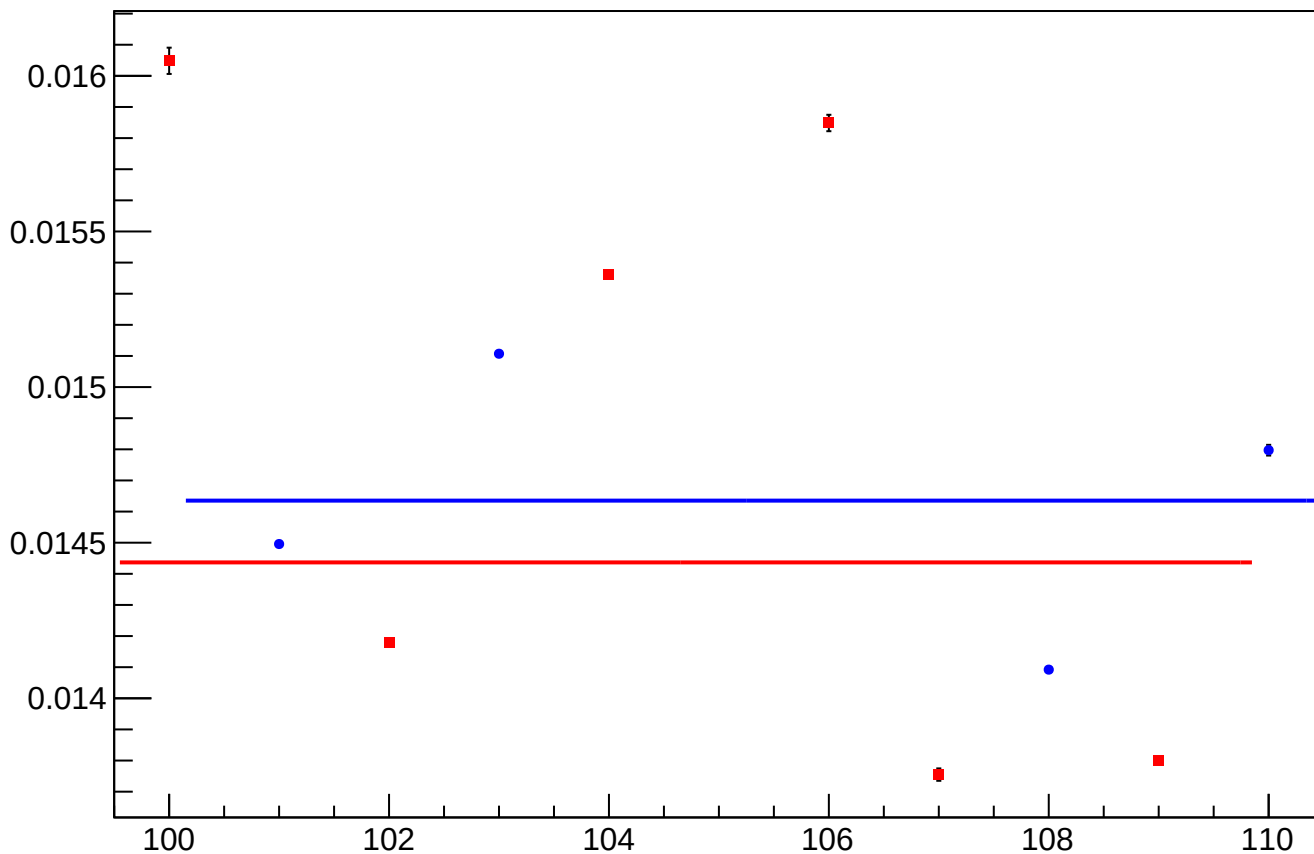
Right: 0.808+/-0.000 χ^2/NDF : 253102491.4/9

In: 0.846+/-0.000 χ^2/NDF :6547129.1/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.808+/-0.000 χ^2/NDF : 253102491.4/9

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 2526.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 11952.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

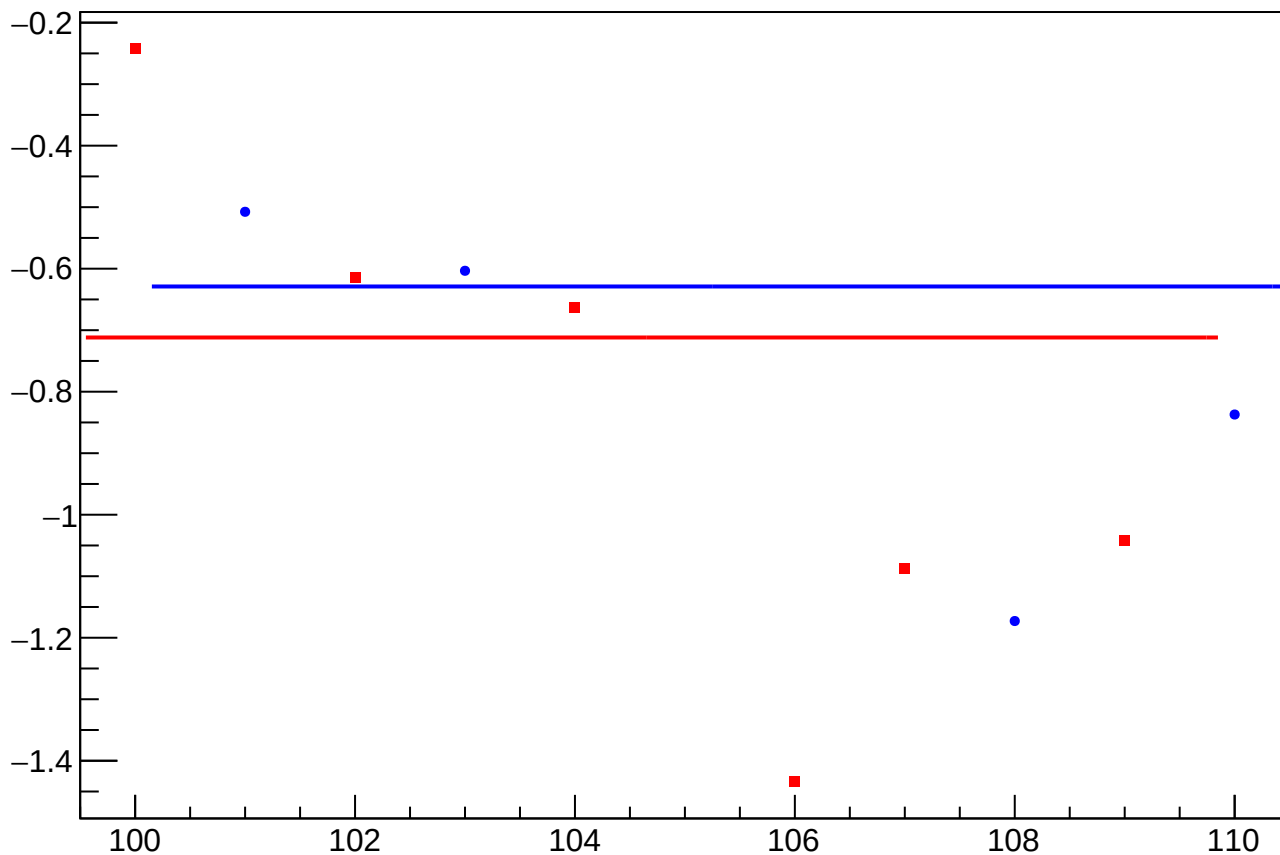
Right: 0.015+/-0.000 χ^2/NDF : 14870.2/9

In: 0.015+/-0.000 χ^2/NDF : 2526.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 14870.2/9

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.629+/-0.000 χ^2/NDF : 3433331588.1/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.712+/-0.000 χ^2/NDF : 4530547424.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

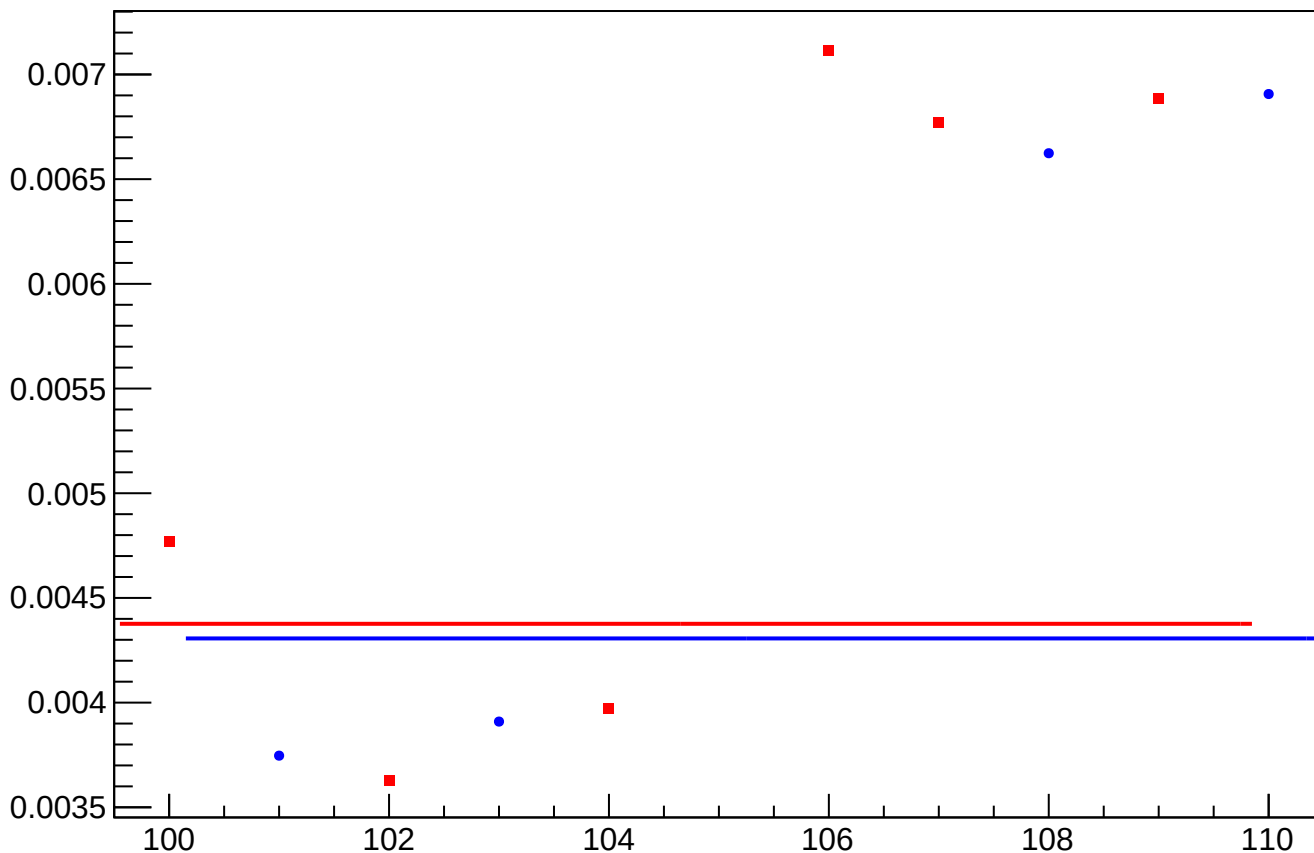
Right: -0.671+/-0.000 χ^2/NDF : 8294275857.3/9

In: -0.629+/-0.000 χ^2/NDF :3433331588.1/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.671+/-0.000 χ^2/NDF : 8294275857.3/9

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 224622.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 295224.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

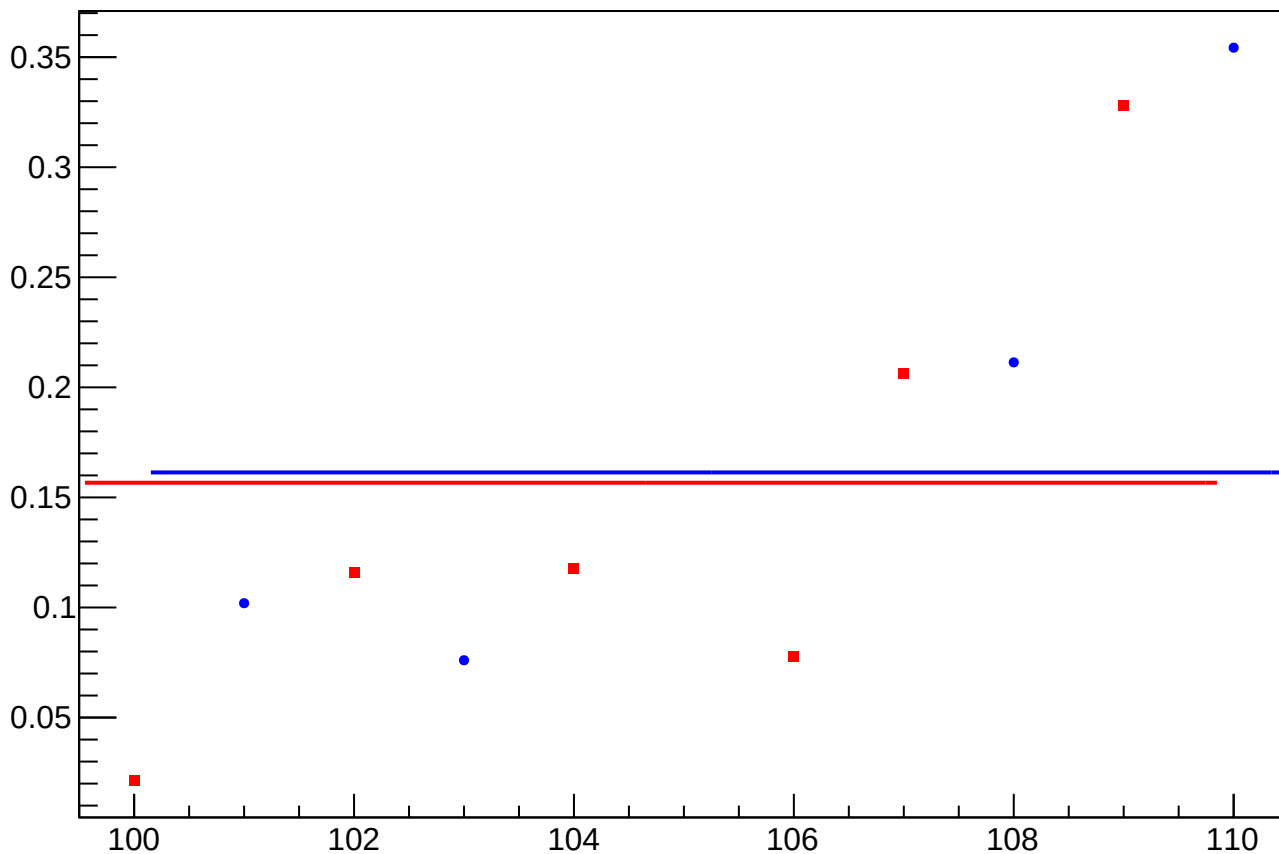
Right: 0.004+/-0.000 χ^2/NDF : 520315.0/9

In: 0.004+/-0.000 χ^2/NDF : 224622.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 520315.0/9

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.161+/-0.000 χ^2/NDF : 8052600729.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.157+/-0.000 χ^2/NDF : 8765108220.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

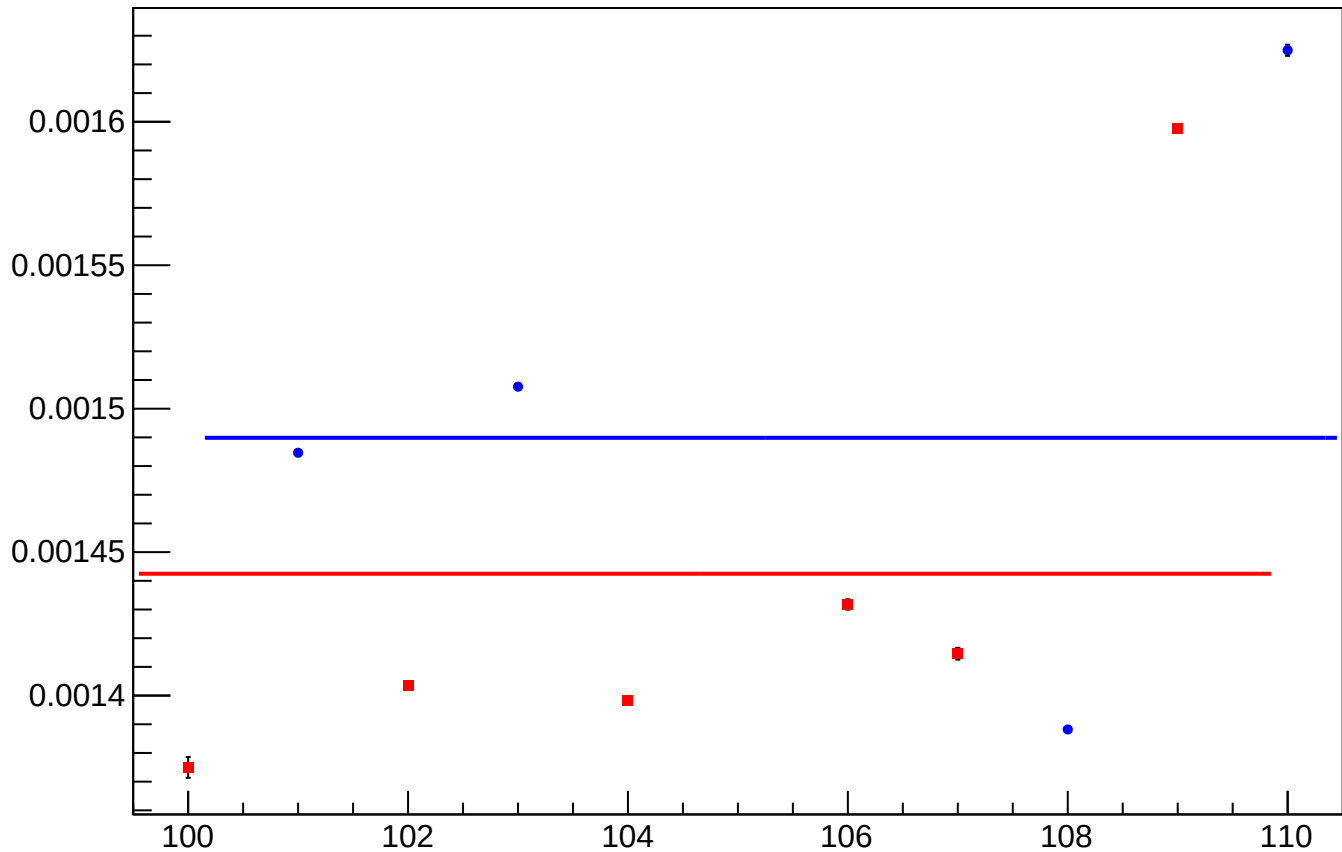
Right: 0.159+/-0.000 χ^2/NDF : 16828037407.1/9

In: 0.161+/-0.000 χ^2/NDF : 8052600729.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.159+/-0.000 χ^2/NDF : 16828037407.1/9

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 9183.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 12198.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

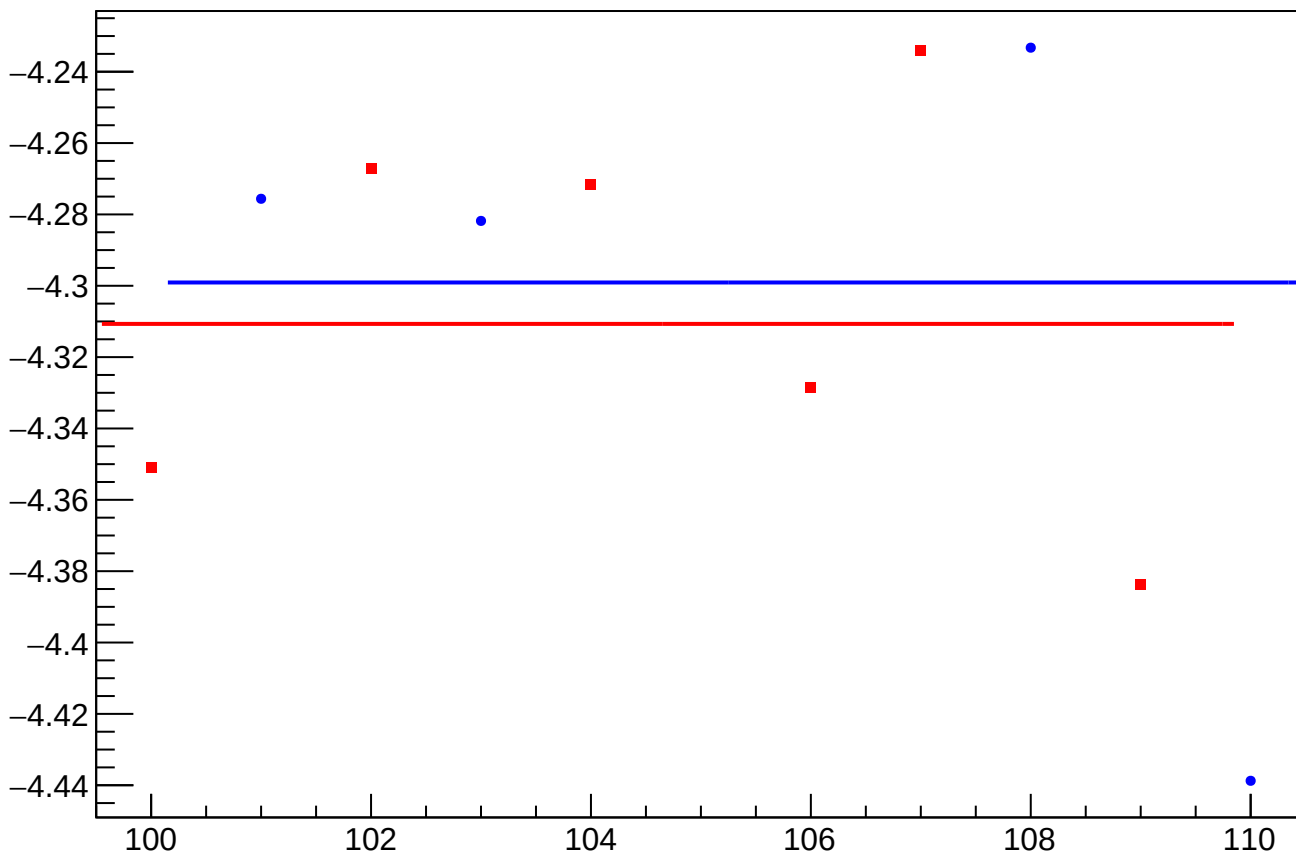
Right: 0.001+/-0.000 χ^2/NDF : 23493.2/9

In: 0.001+/-0.000 χ^2/NDF : 9183.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 23493.2/9

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.299+/-0.000 χ^2/NDF : 4020792213.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.311+/-0.000 χ^2/NDF : 2712518220.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

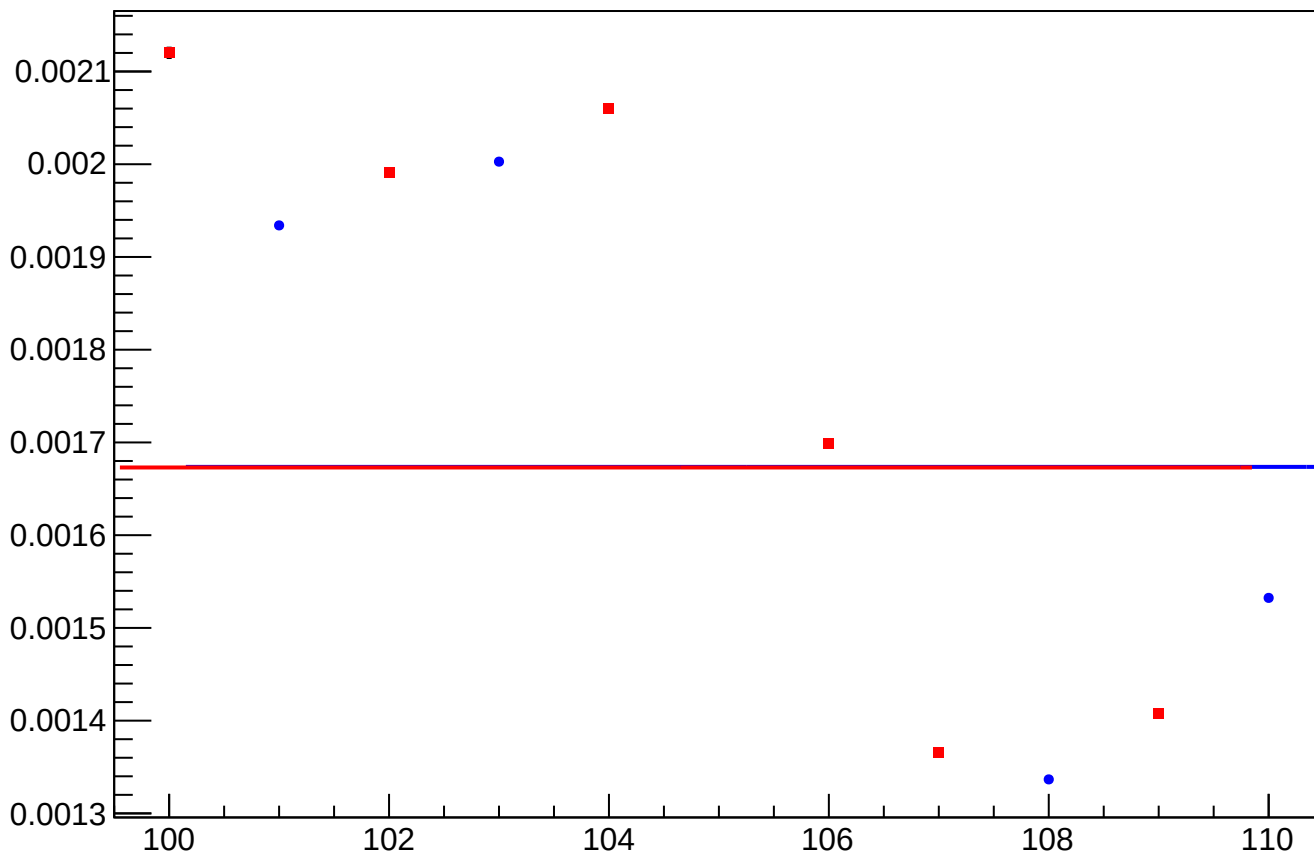
Right: -4.305+/-0.000 χ^2/NDF : 6783197361.1/9

In: -4.299+/-0.000 χ^2/NDF :4020792213.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.305+/-0.000 χ^2/NDF : 6783197361.1/9

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 111612.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 137296.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

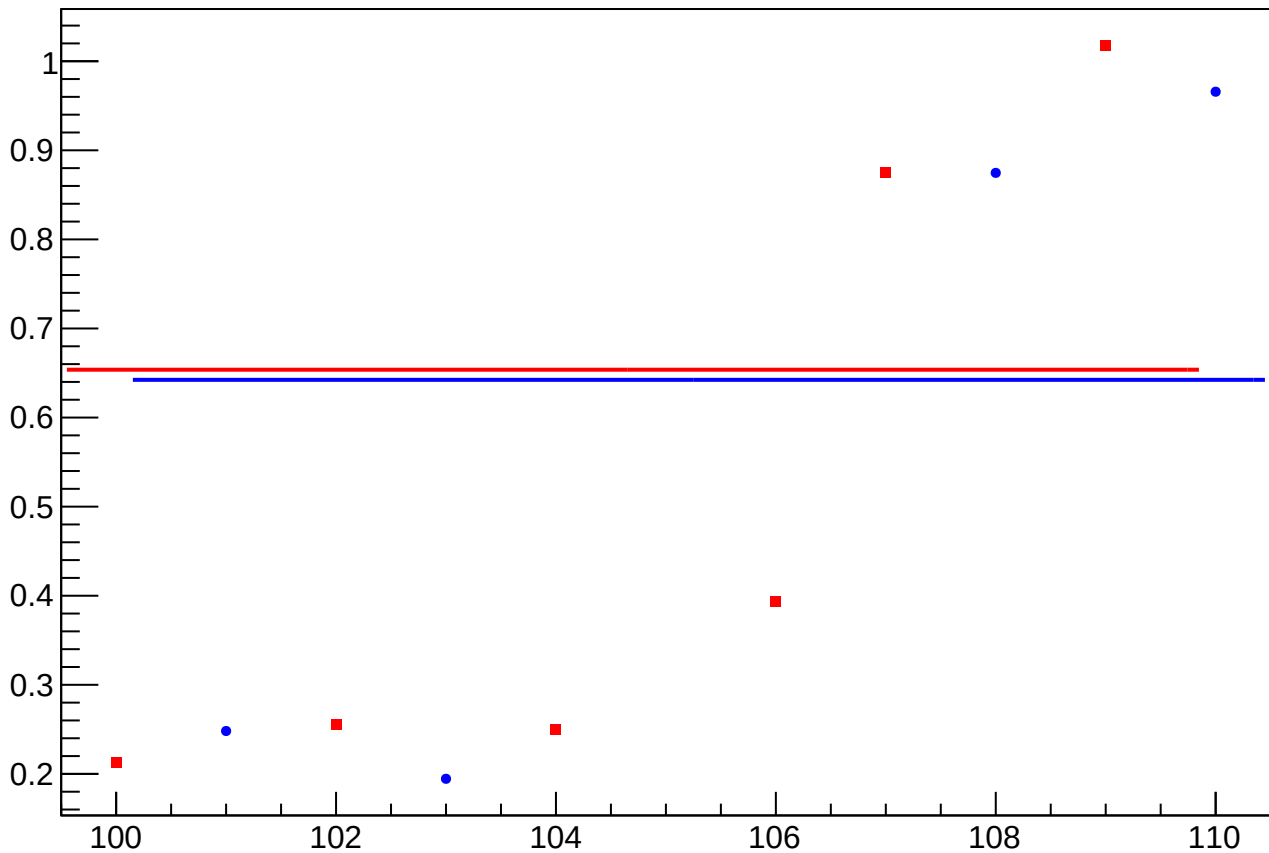
Right: 0.002+/-0.000 χ^2/NDF : 248909.8/9

In: 0.002+/-0.000 χ^2/NDF : 111612.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 248909.8/9

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.642+/-0.000 χ^2/NDF : 4849675543.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.654+/-0.000 χ^2/NDF : 6535888990.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

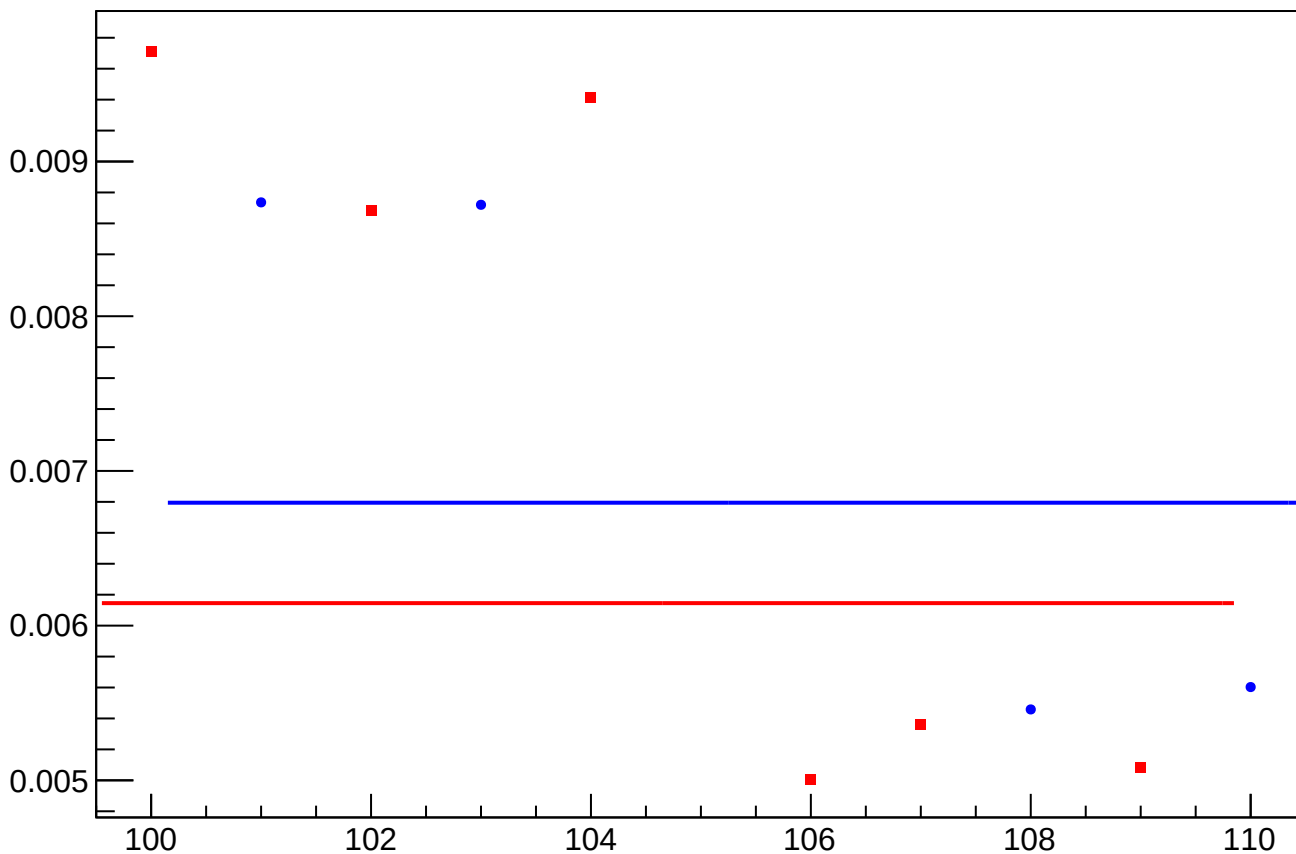
Right: 0.649+/-0.000 χ^2/NDF : 11388673843.1/9

In: 0.642+/-0.000 χ^2/NDF : 4849675543.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.649+/-0.000 χ^2/NDF : 11388673843.1/9

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 203456.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 346652.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

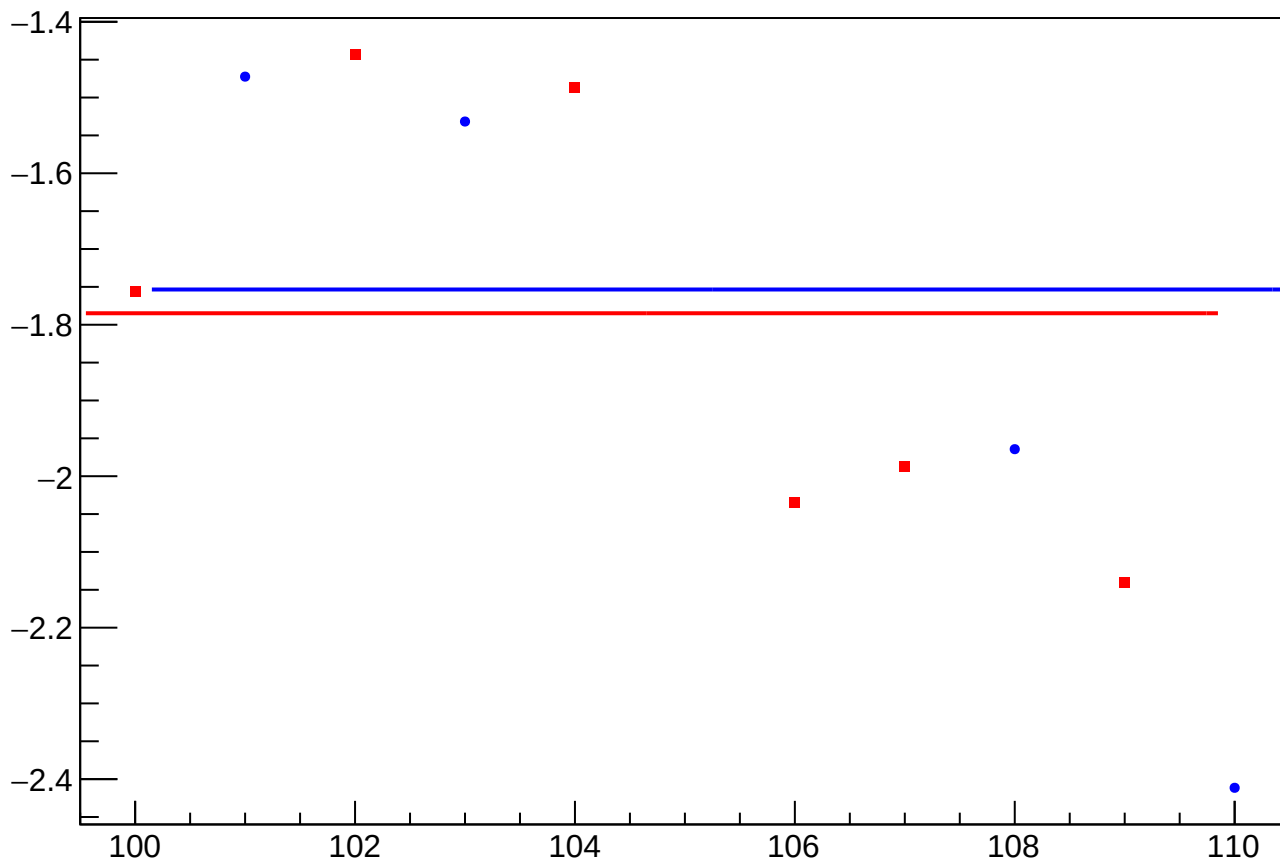
Right: 0.006+/-0.000 χ^2/NDF : 570404.2/9

In: 0.007+/-0.000 χ^2/NDF : 203456.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 570404.2/9

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -1.753+/-0.000 χ^2/NDF : 8045578893.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.785+/-0.000 χ^2/NDF : 7110351163.6/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

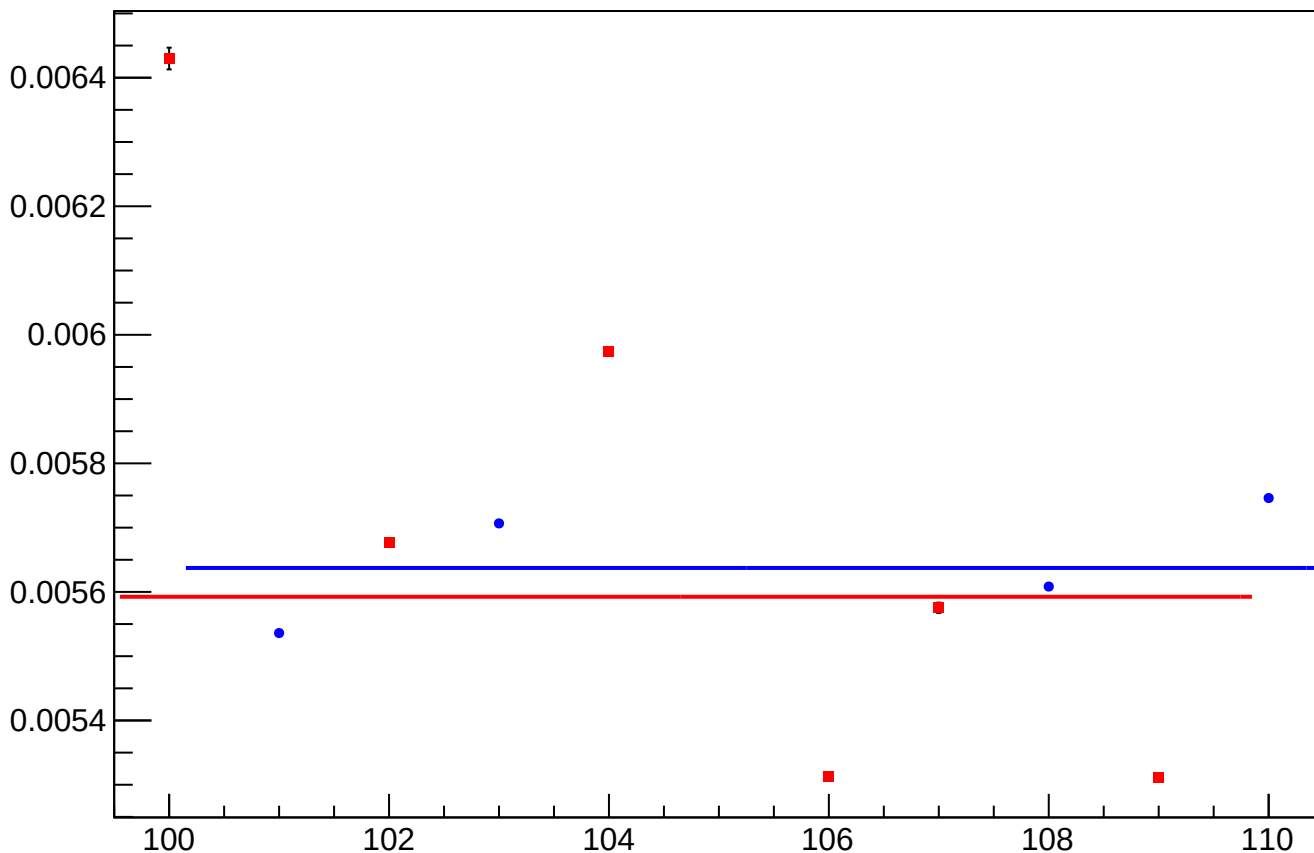
Right: -1.770+/-0.000 χ^2/NDF : 15189710418.7/9

In: -1.753+/-0.000 χ^2/NDF :8045578893.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.770+/-0.000 χ^2/NDF : 15189710418.7/9

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 902.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 11762.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

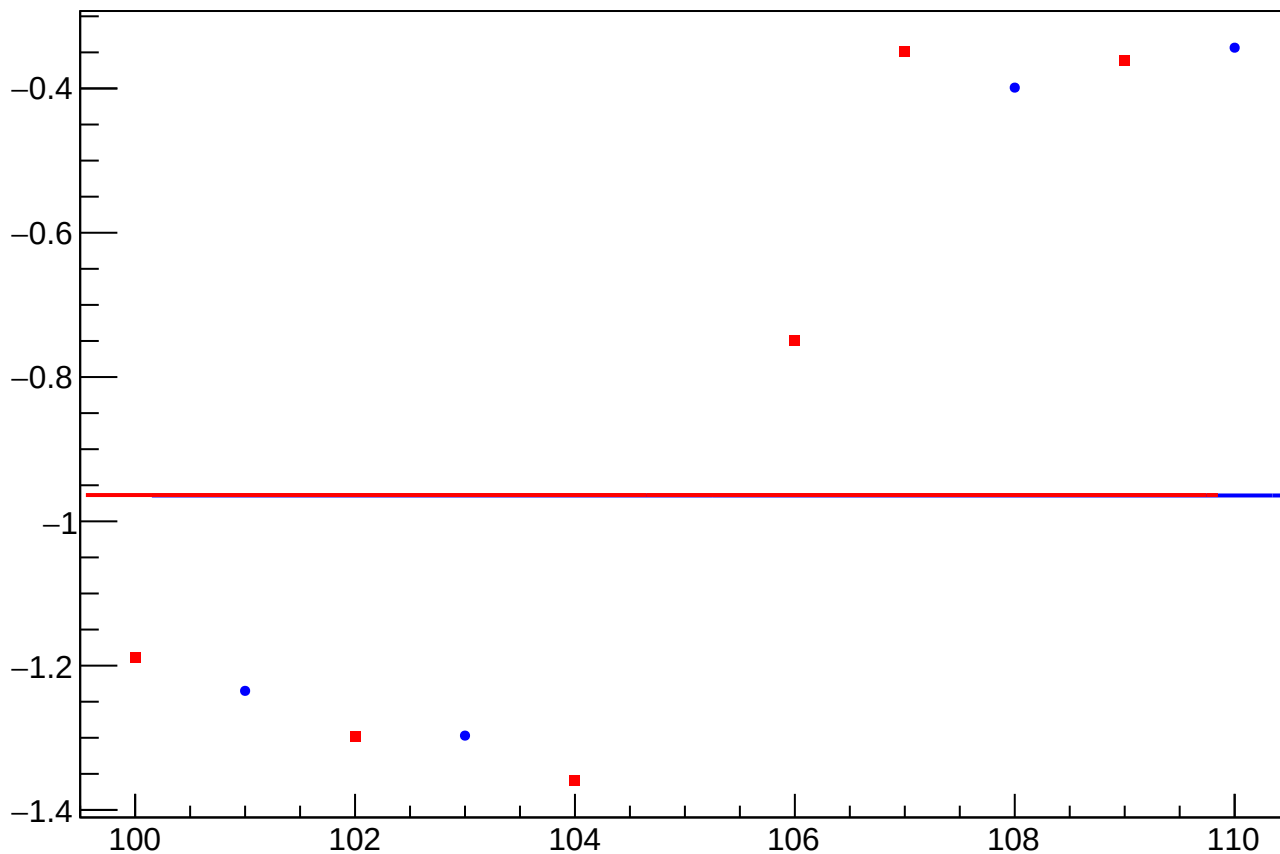
Right: 0.006+/-0.000 χ^2/NDF : 12802.7/9

In: 0.006+/-0.000 χ^2/NDF : 902.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 12802.7/9

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.964+/-0.000 χ^2/NDF : 3214173853.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.964+/-0.000 χ^2/NDF : 4084825852.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

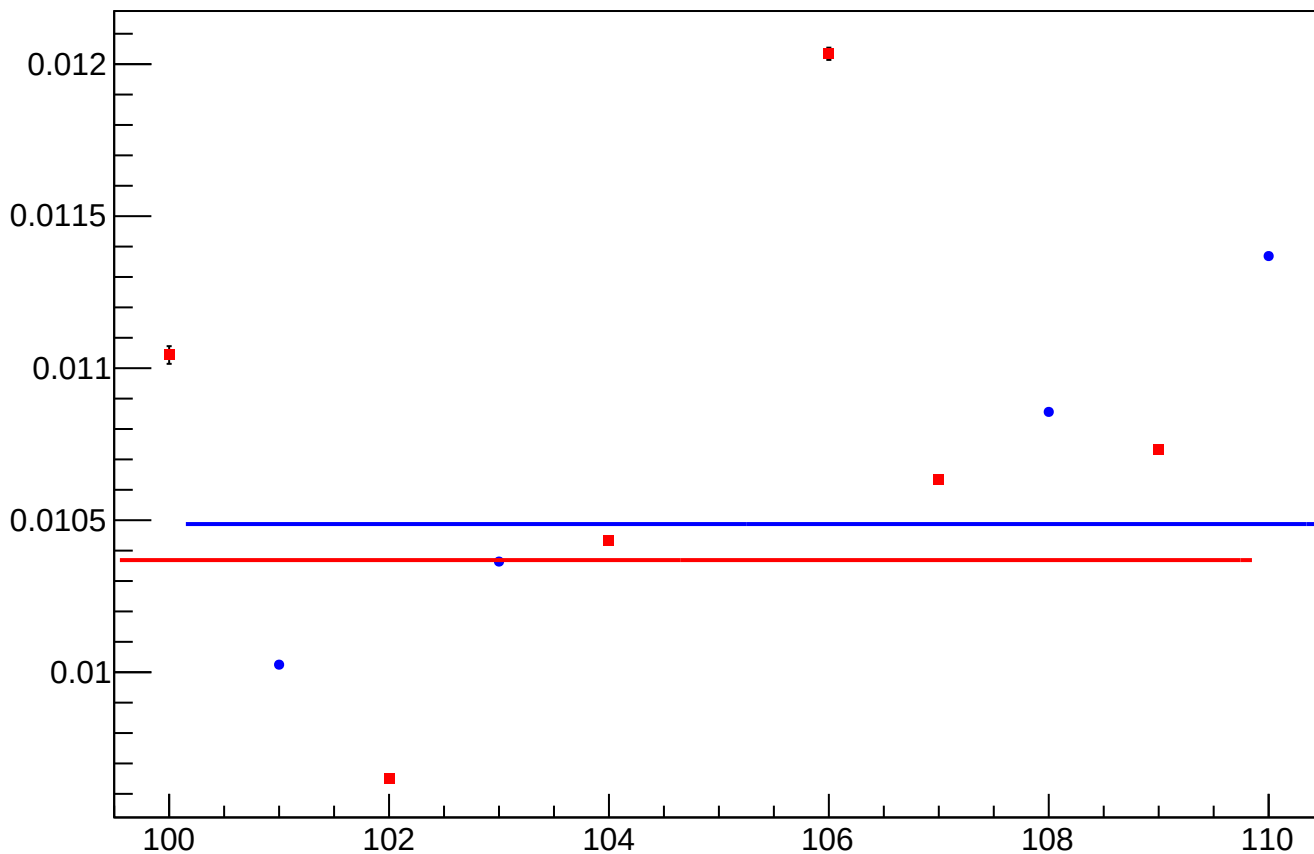
Right: -0.964+/-0.000 χ^2/NDF : 7299003264.0/9

In: -0.964+/-0.000 χ^2/NDF : 3214173853.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.964+/-0.000 χ^2/NDF : 7299003264.0/9

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 8209.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 16107.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

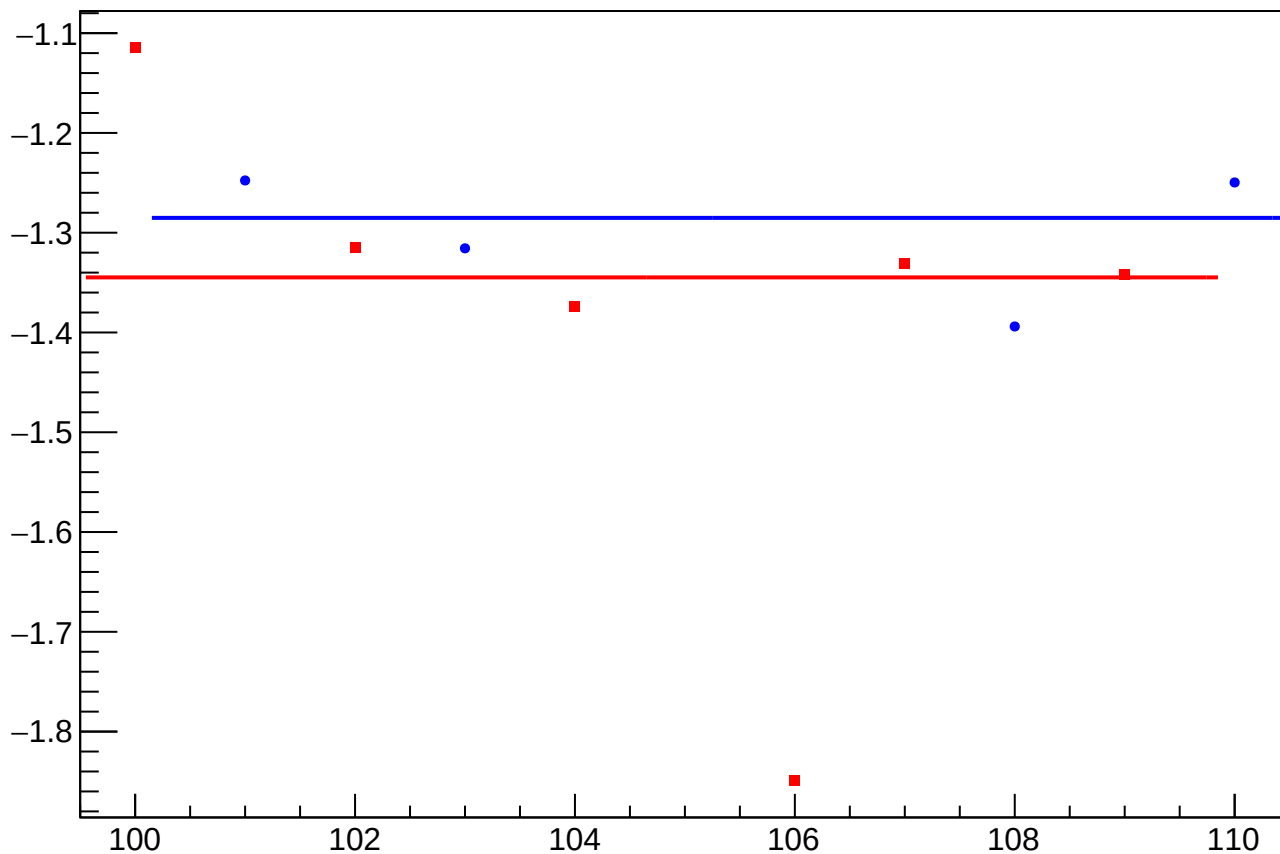
Right: 0.010+/-0.000 χ^2/NDF : 24584.7/9

In: 0.010+/-0.000 χ^2/NDF : 8209.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 24584.7/9

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.285+/-0.000 χ^2/NDF : 948268038.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.345+/-0.000 χ^2/NDF : 4955566378.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

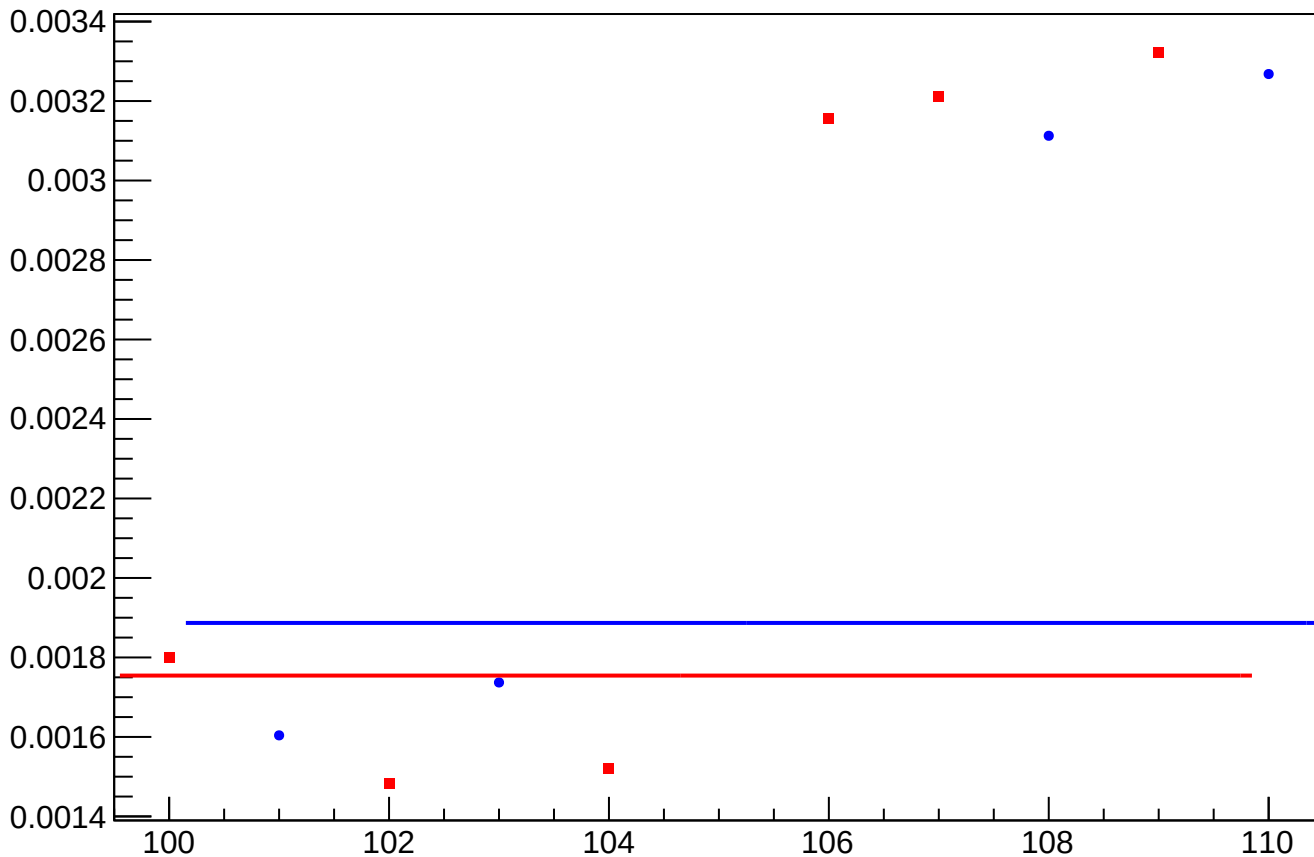
Right: -1.318+/-0.000 χ^2/NDF : 6804858935.1/9

In: -1.285+/-0.000 χ^2/NDF :948268038.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.318+/-0.000 χ^2/NDF : 6804858935.1/9

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 272795.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 416880.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

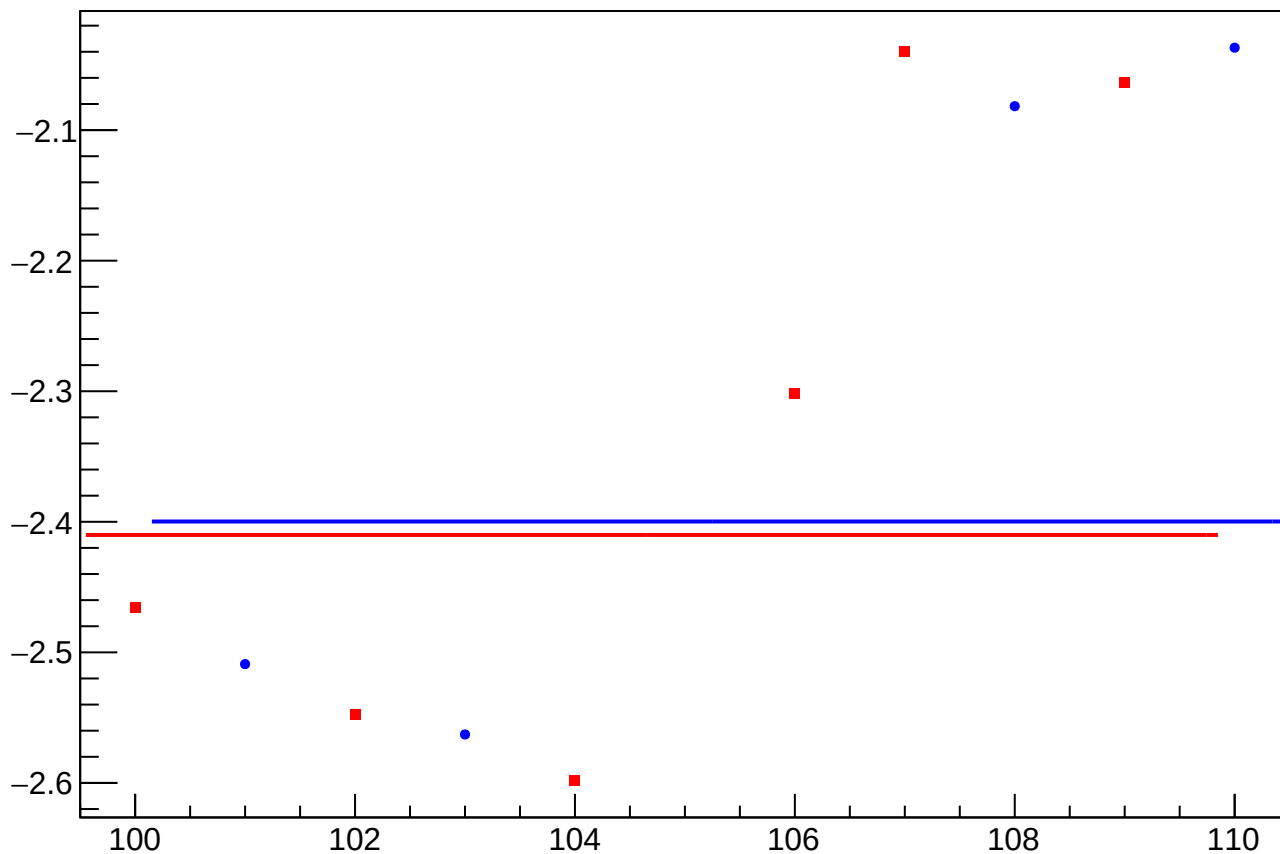
Right: 0.002+/-0.000 χ^2/NDF : 698560.0/9

In: 0.002+/-0.000 χ^2/NDF : 272795.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 698560.0/9

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.400+/-0.000 χ^2/NDF : 2442734466.6/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.410+/-0.000 χ^2/NDF : 3069497104.7/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

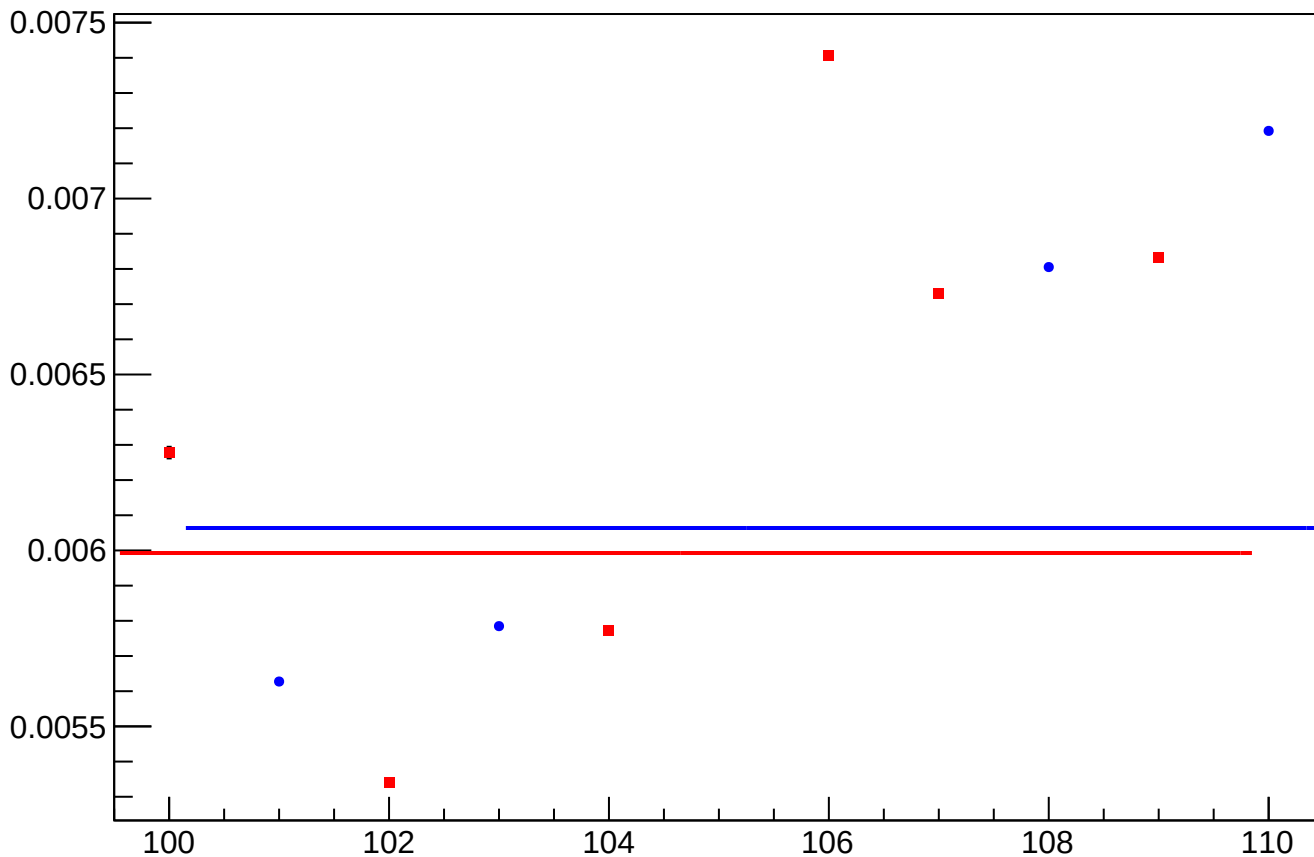
Right: -2.405+/-0.000 χ^2/NDF : 5515199008.5/9

In: -2.400+/-0.000 χ^2/NDF :2442734466.6/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.405+/-0.000 χ^2/NDF : 5515199008.5/9

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 37027.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 55052.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

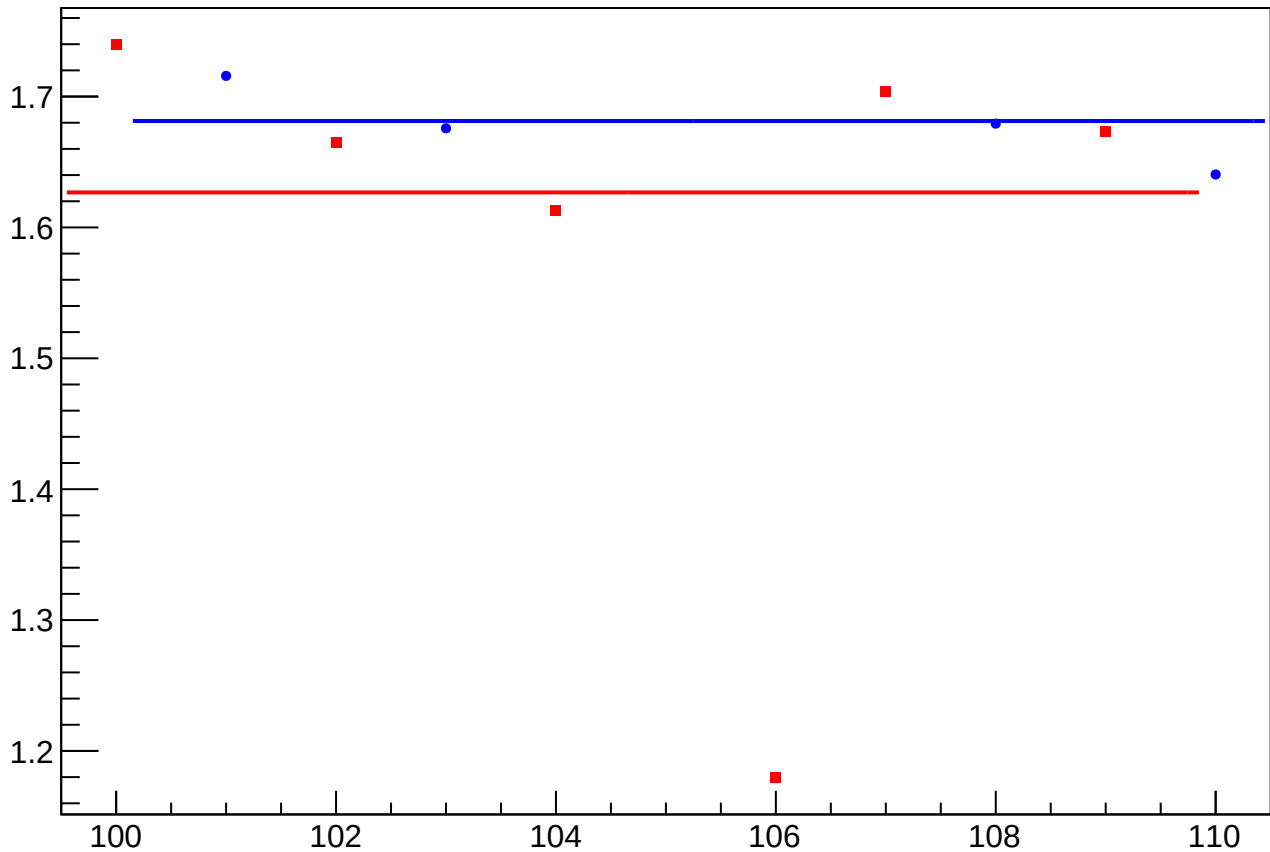
Right: 0.006+/-0.000 χ^2/NDF : 92363.2/9

In: 0.006+/-0.000 χ^2/NDF : 37027.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 92363.2/9

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.681+/-0.000 χ^2/NDF : 265816984.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.627+/-0.000 χ^2/NDF : 7578133724.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

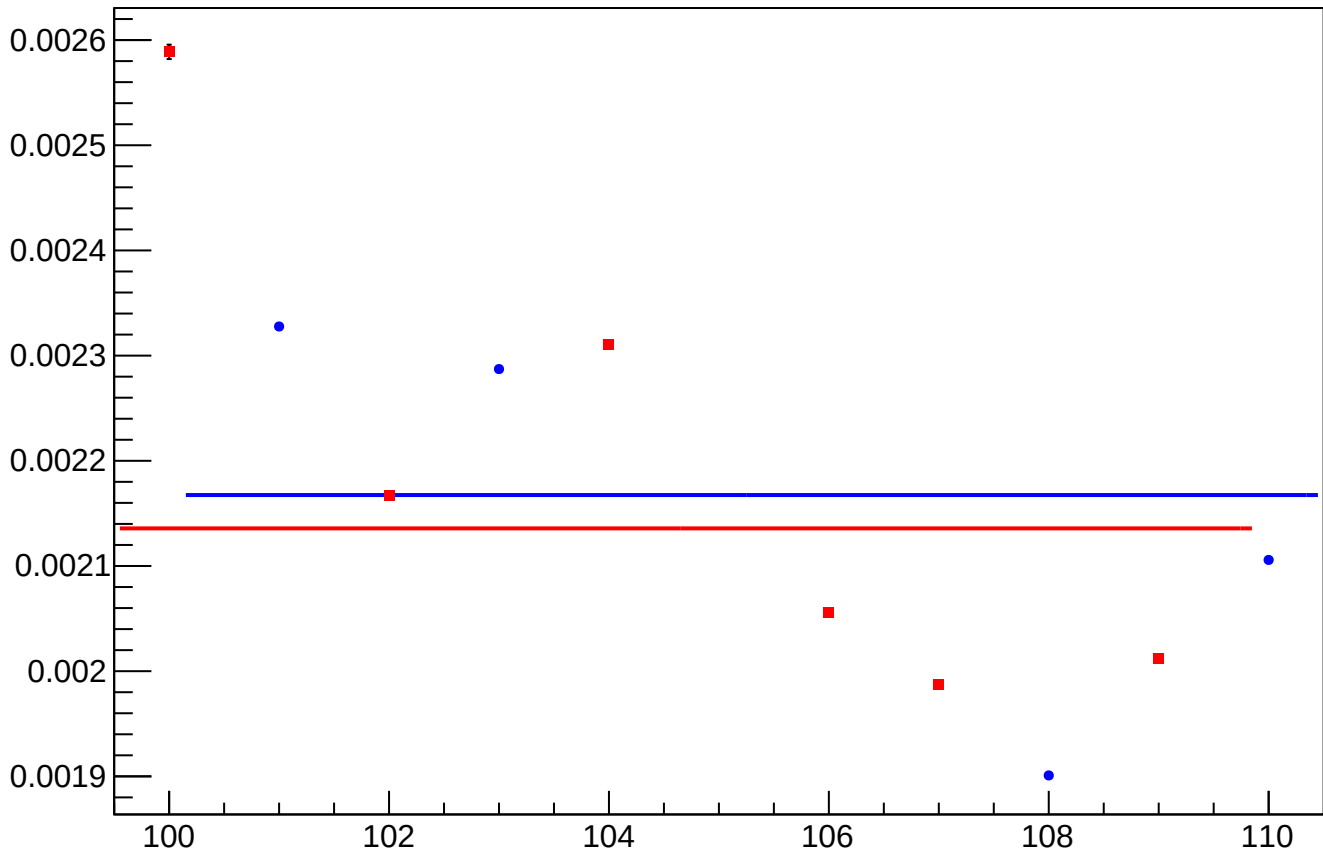
Right: 1.653+/-0.000 χ^2/NDF : 8469393495.2/9

In: 1.681+/-0.000 χ^2/NDF : 265816984.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.653+/-0.000 χ^2/NDF : 8469393495.2/9

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 23712.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 16807.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

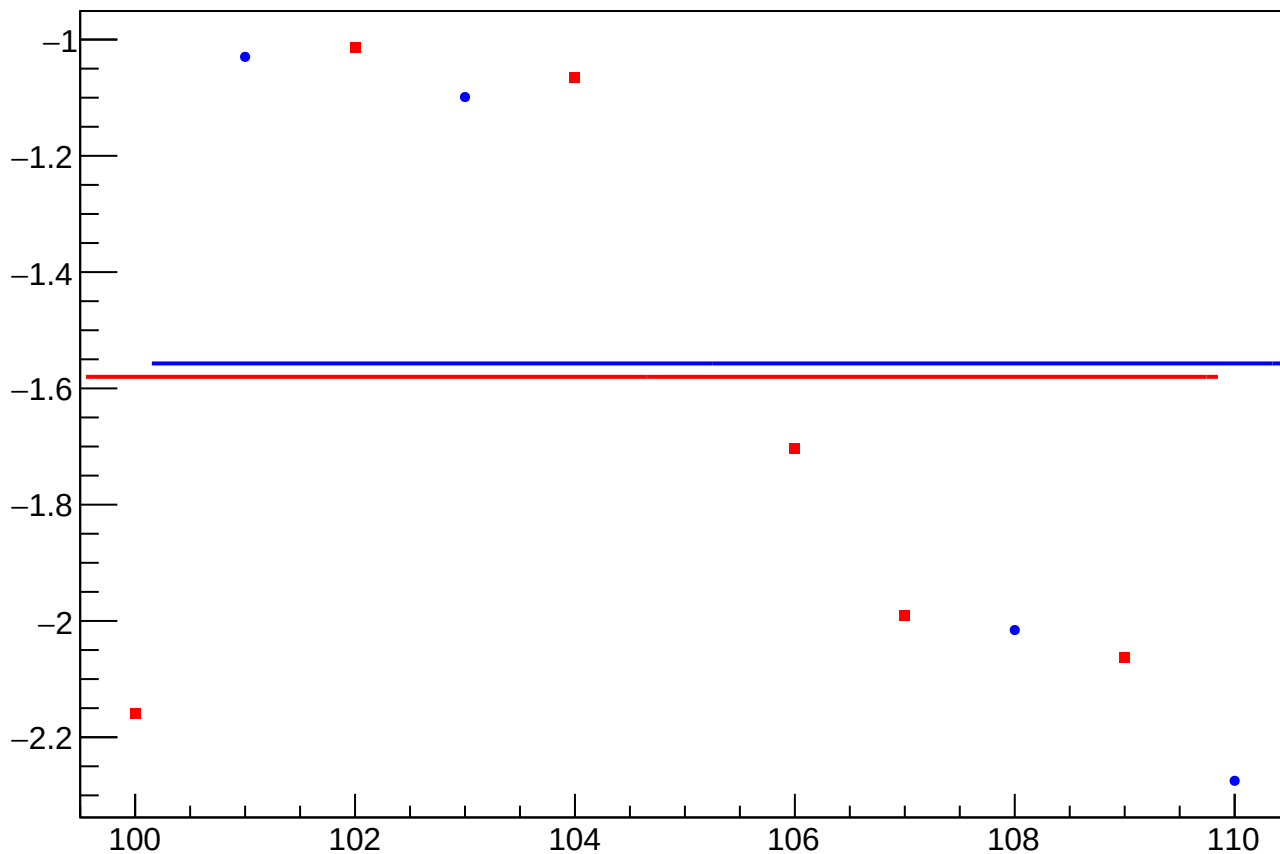
Right: 0.002+/-0.000 χ^2/NDF : 40942.5/9

In: 0.002+/-0.000 χ^2/NDF : 23712.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 40942.5/9

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.557+/-0.000 χ^2/NDF : 12753975459.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.580+/-0.000 χ^2/NDF : 11757265333.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

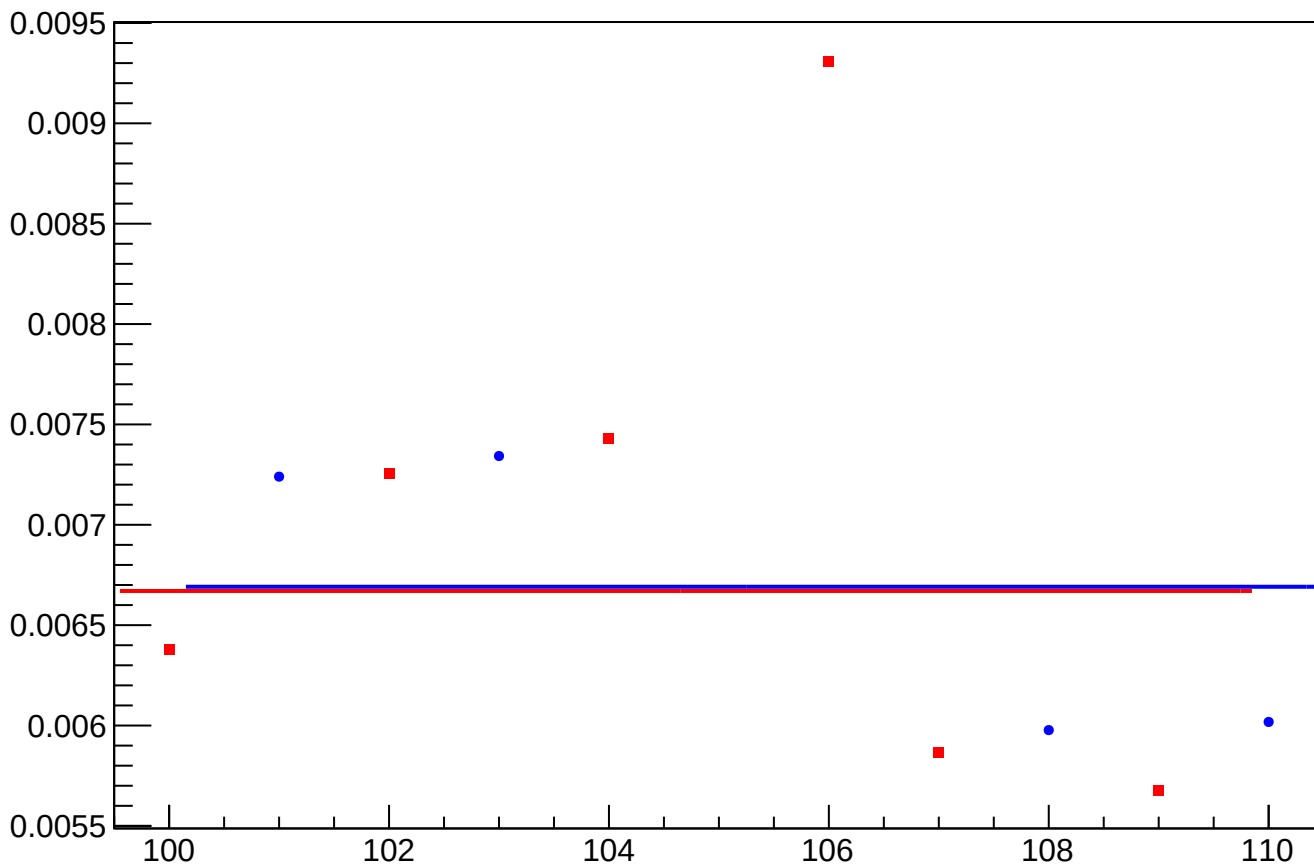
Right: -1.569+/-0.000 χ^2/NDF : 24523388173.0/9

In: -1.557+/-0.000 χ^2/NDF : 12753975459.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.569+/-0.000 χ^2/NDF : 24523388173.0/9

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 36223.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 97088.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

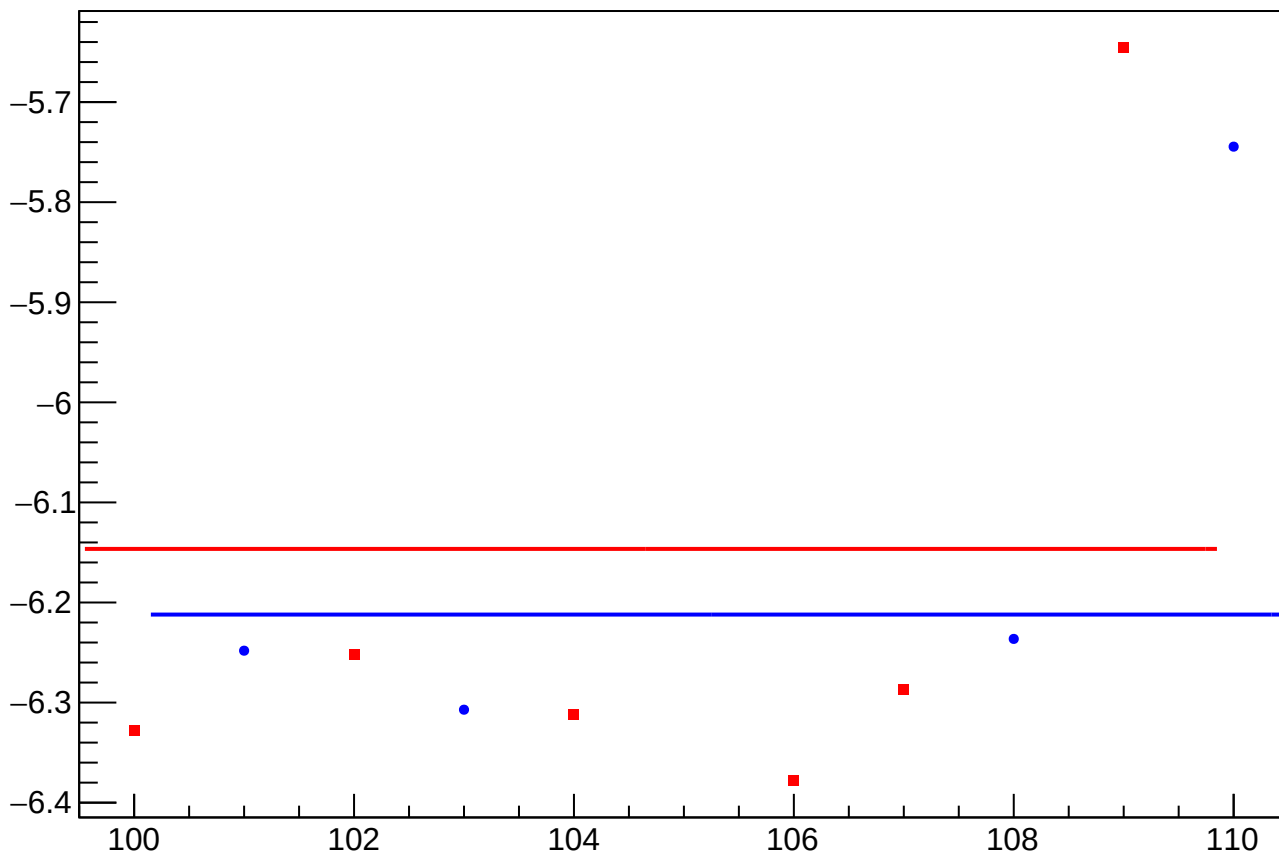
Right: 0.007+/-0.000 χ^2/NDF : 133333.0/9

In: 0.007+/-0.000 χ^2/NDF : 36223.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 133333.0/9

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.212+/-0.000 χ^2/NDF : 1672562927.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.146+/-0.000 χ^2/NDF : 5430456088.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

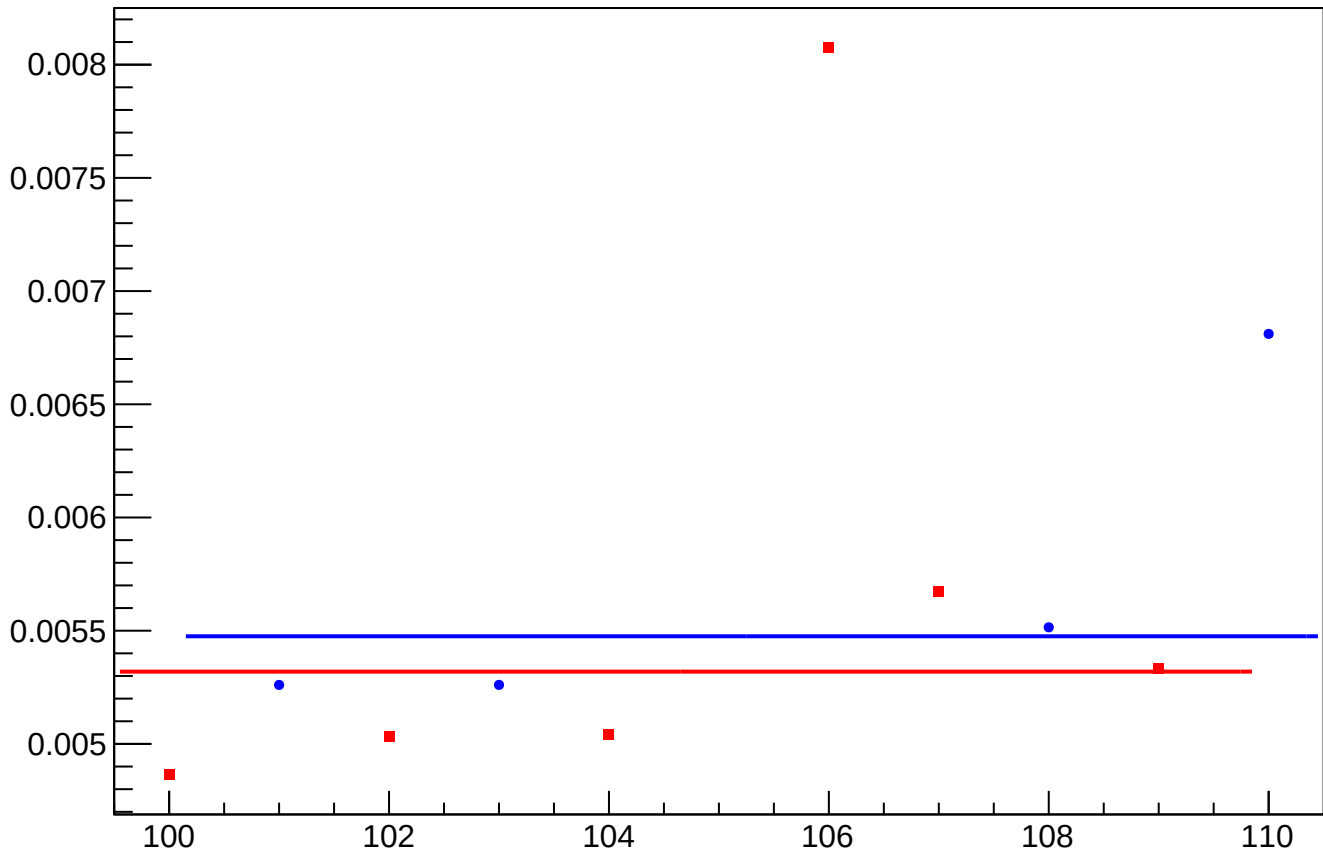
Right: -6.176+/-0.000 χ^2/NDF : 7249760112.0/9

In: -6.212+/-0.000 χ^2/NDF : 1672562927.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.176+/-0.000 χ^2/NDF : 7249760112.0/9

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 27684.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 71791.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

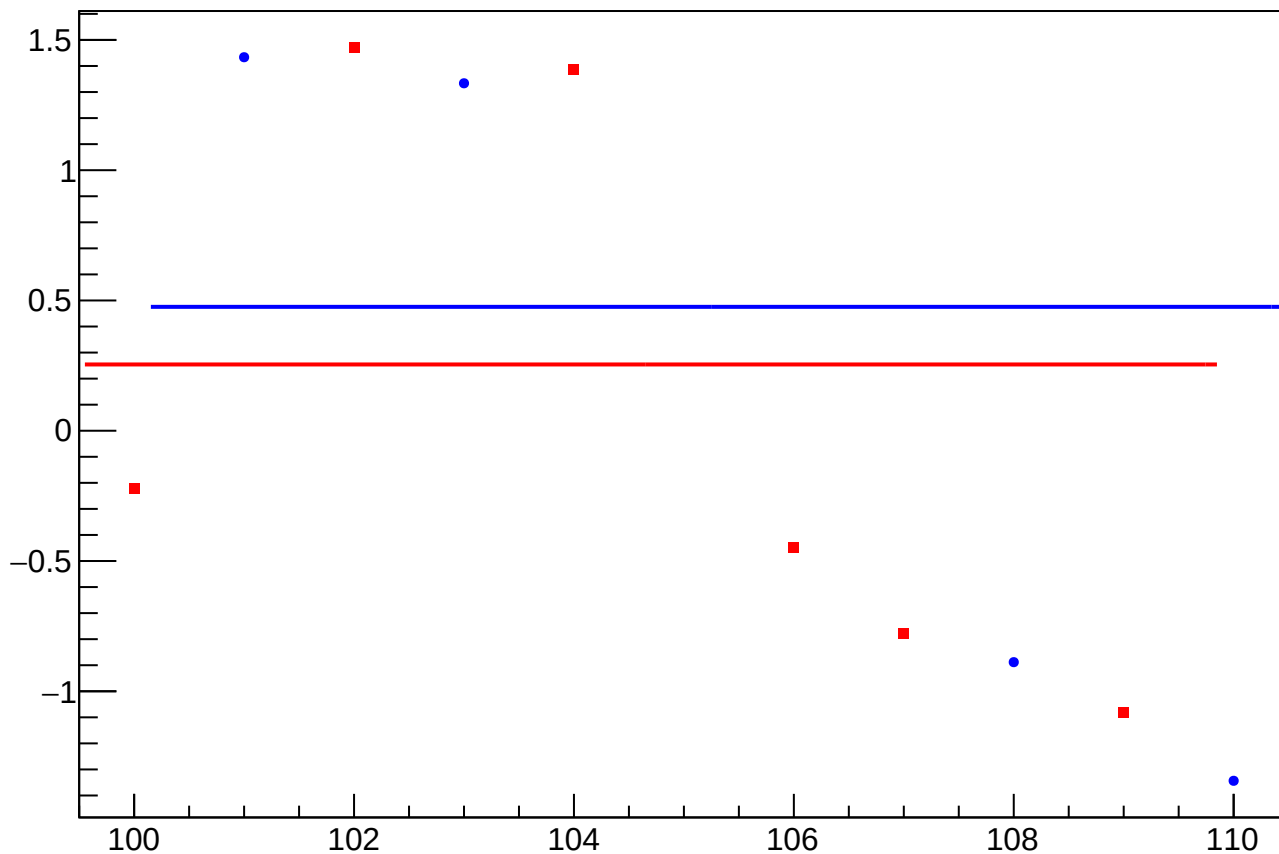
Right: 0.005+/-0.000 χ^2/NDF : 101135.3/9

In: 0.005+/-0.000 χ^2/NDF : 27684.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 101135.3/9

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.476+/-0.000 χ^2/NDF : 12762037760.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.254+/-0.000 χ^2/NDF : 15168668415.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

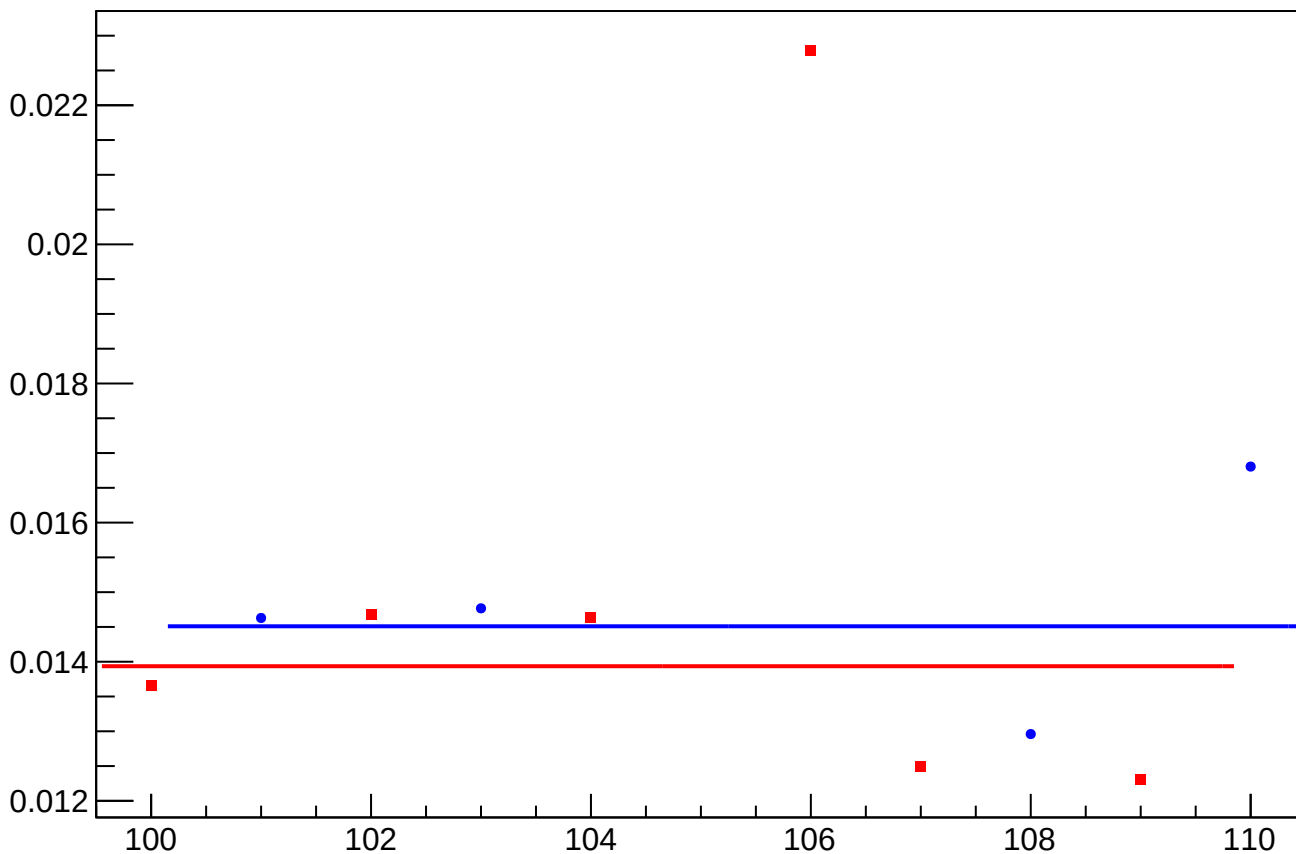
Right: 0.355+/-0.000 χ^2/NDF : 28174546680.6/9

In: 0.476+/-0.000 χ^2/NDF : 12762037760.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.355+/-0.000 χ^2/NDF : 28174546680.6/9

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 23356.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 94307.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

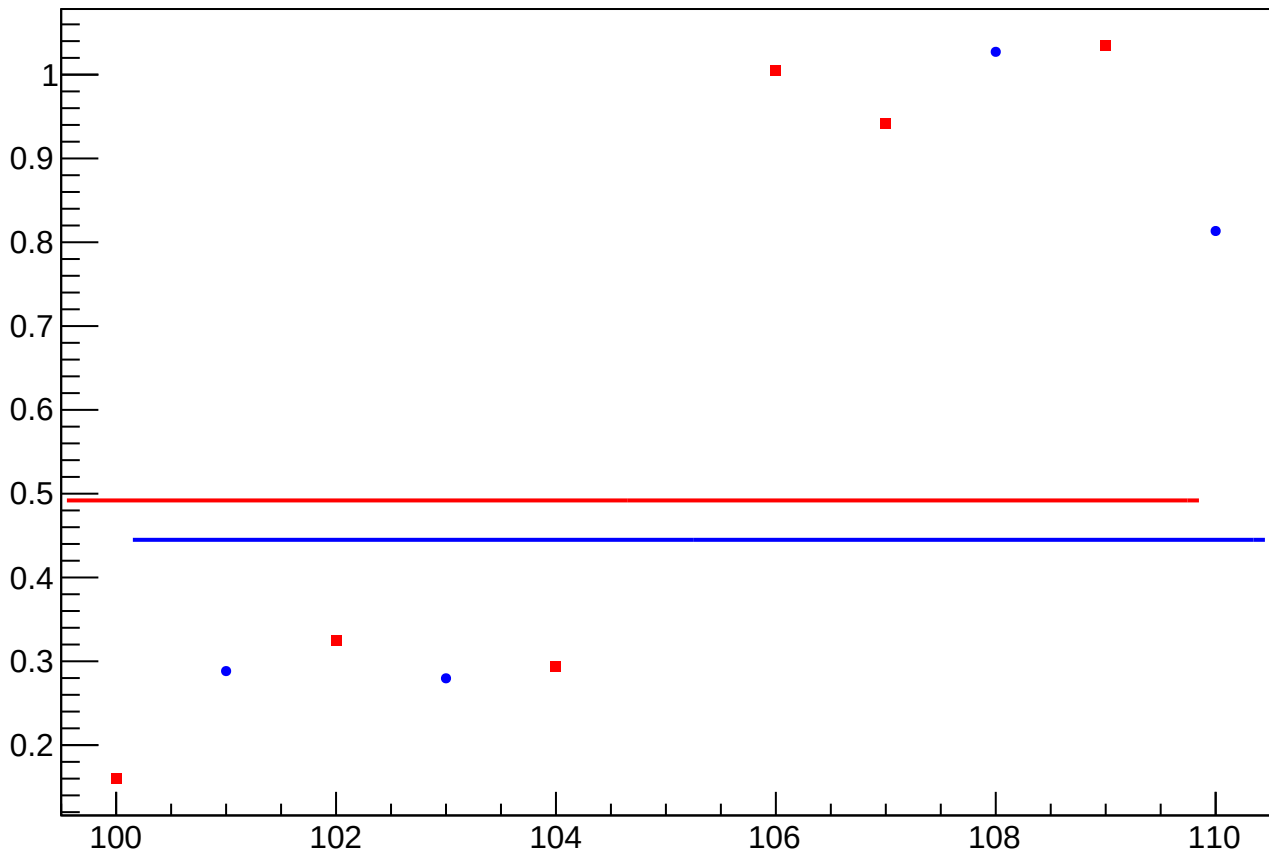
Right: 0.014+/-0.000 χ^2/NDF : 120948.3/9

In: 0.015+/-0.000 χ^2/NDF : 23356.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 120948.3/9

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.445+/-0.000 χ^2/NDF : 3005175184.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.492+/-0.000 χ^2/NDF : 3980217367.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

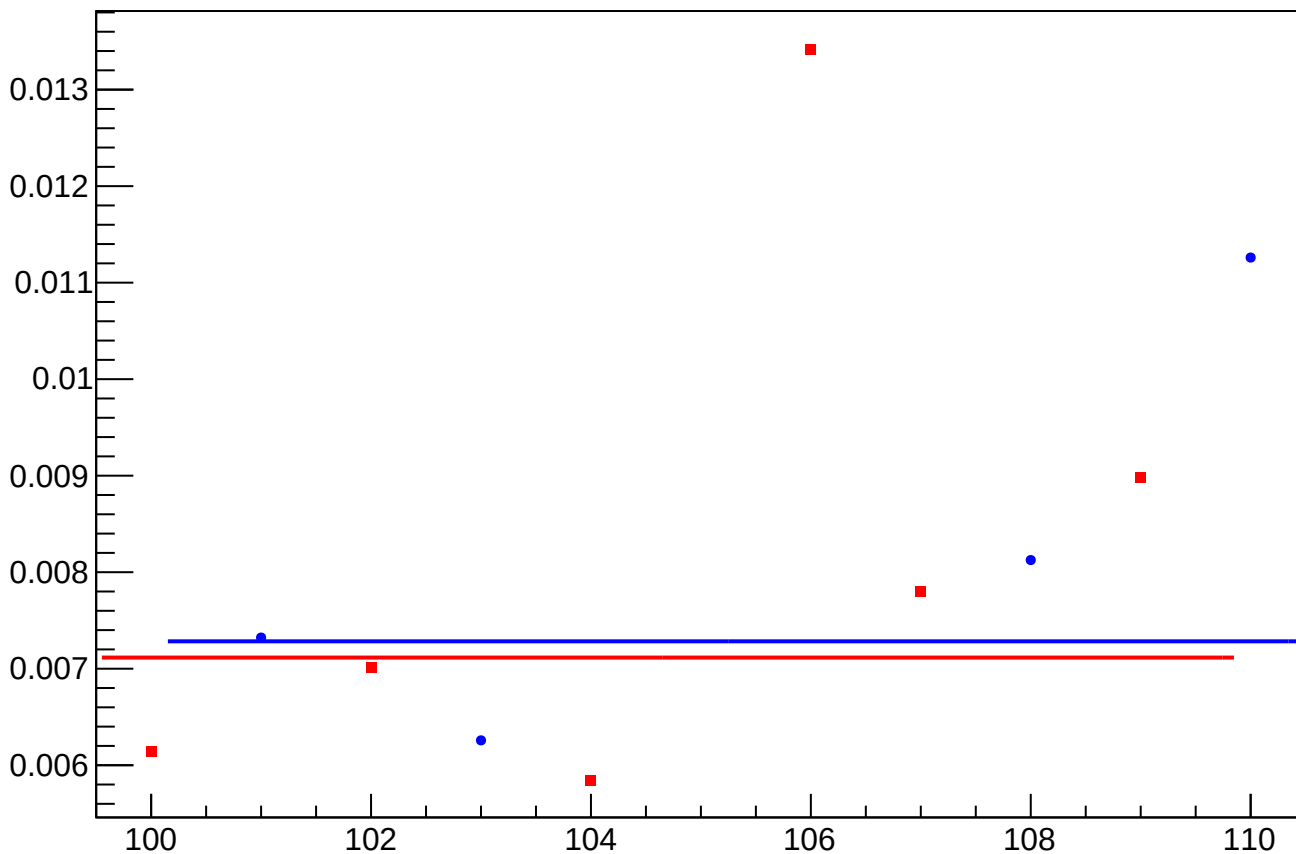
Right: 0.470+/-0.000 χ^2/NDF : 7026591725.1/9

In: 0.445+/-0.000 χ^2/NDF : 3005175184.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.470+/-0.000 χ^2/NDF : 7026591725.1/9

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 117135.0/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 188447.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

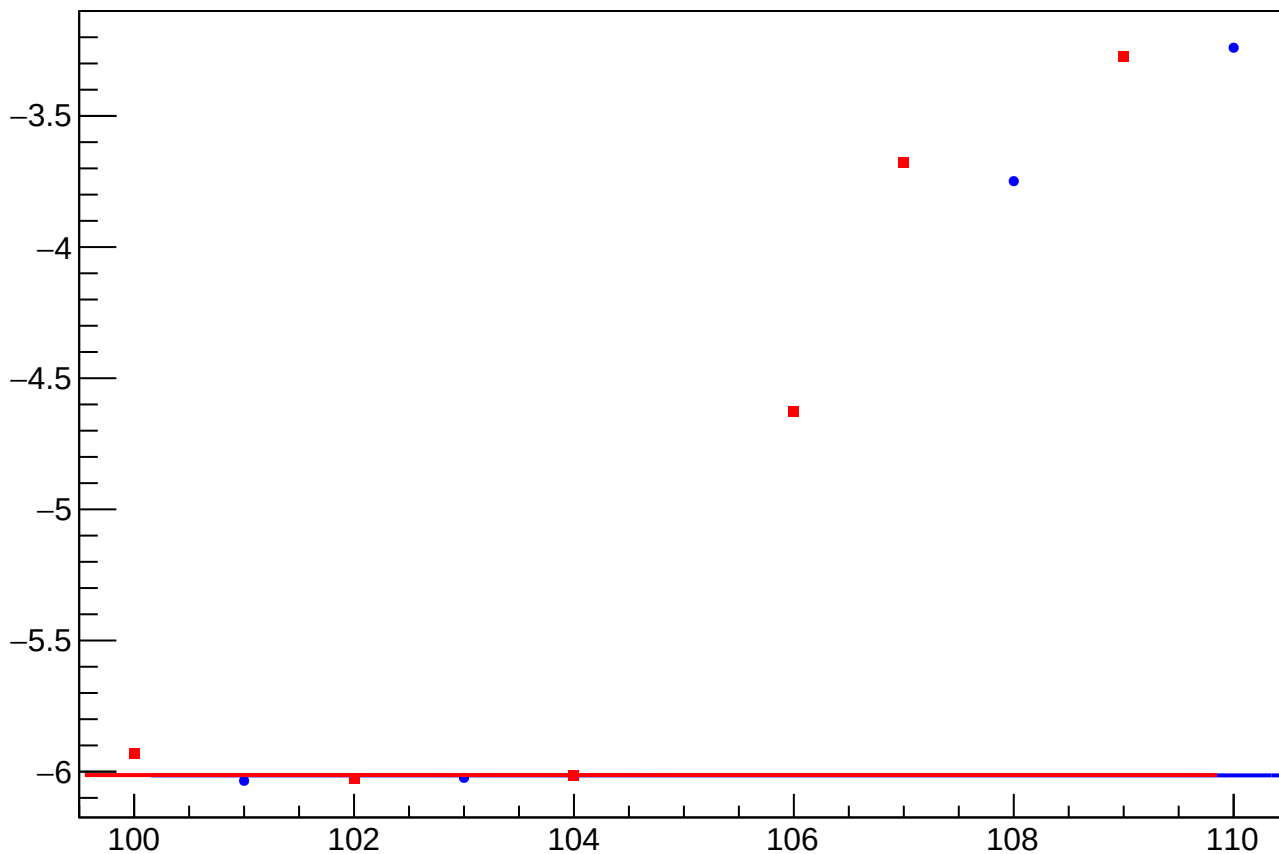
Right: 0.007+/-0.000 χ^2/NDF : 306639.7/9

In: 0.007+/-0.000 χ^2/NDF :117135.0/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 306639.7/9

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.014+/-0.000 χ^2/NDF : 1689101892.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.013+/-0.000 χ^2/NDF : 675692986.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

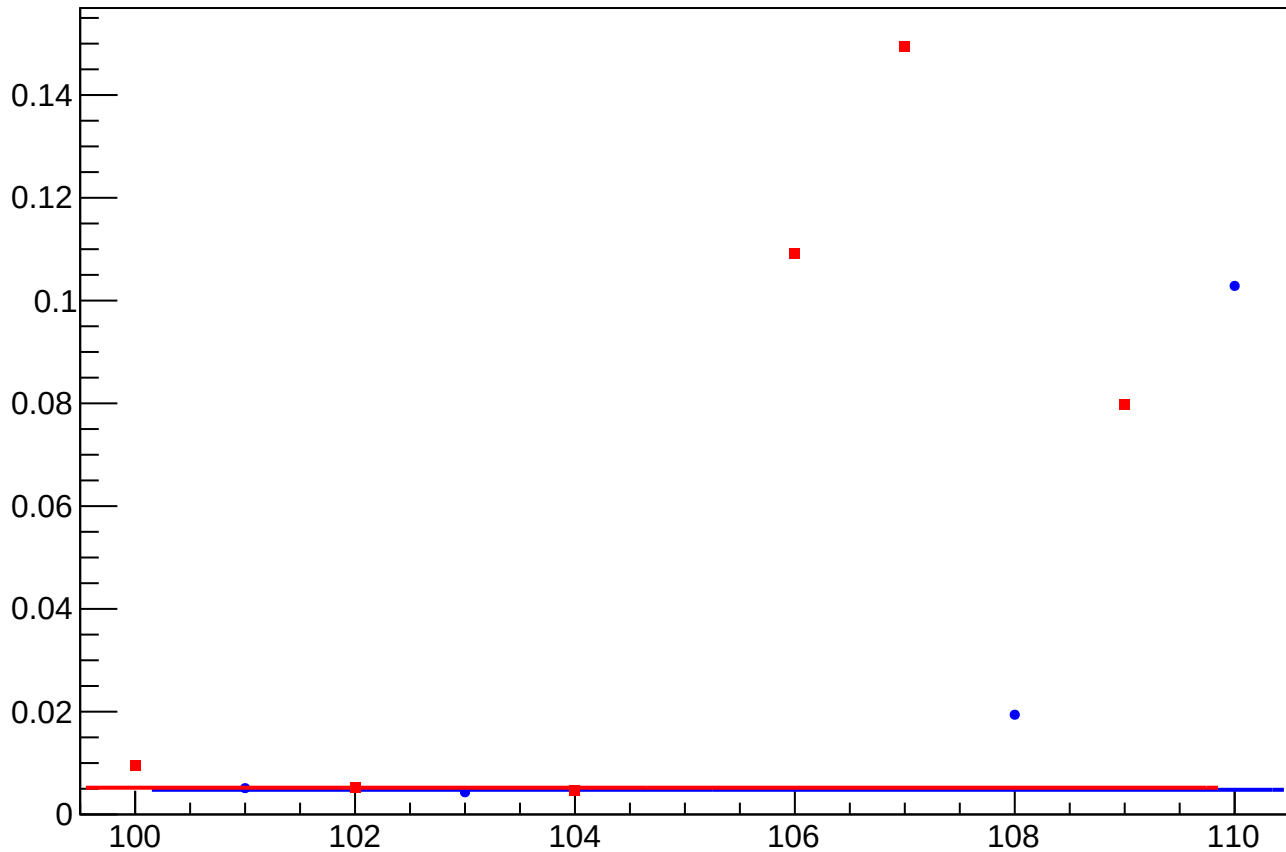
Right: -6.014+/-0.000 χ^2/NDF : 2364824759.5/9

In: -6.014+/-0.000 χ^2/NDF : 1689101892.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.014+/-0.000 χ^2/NDF : 2364824759.5/9

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 731470.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1801927.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

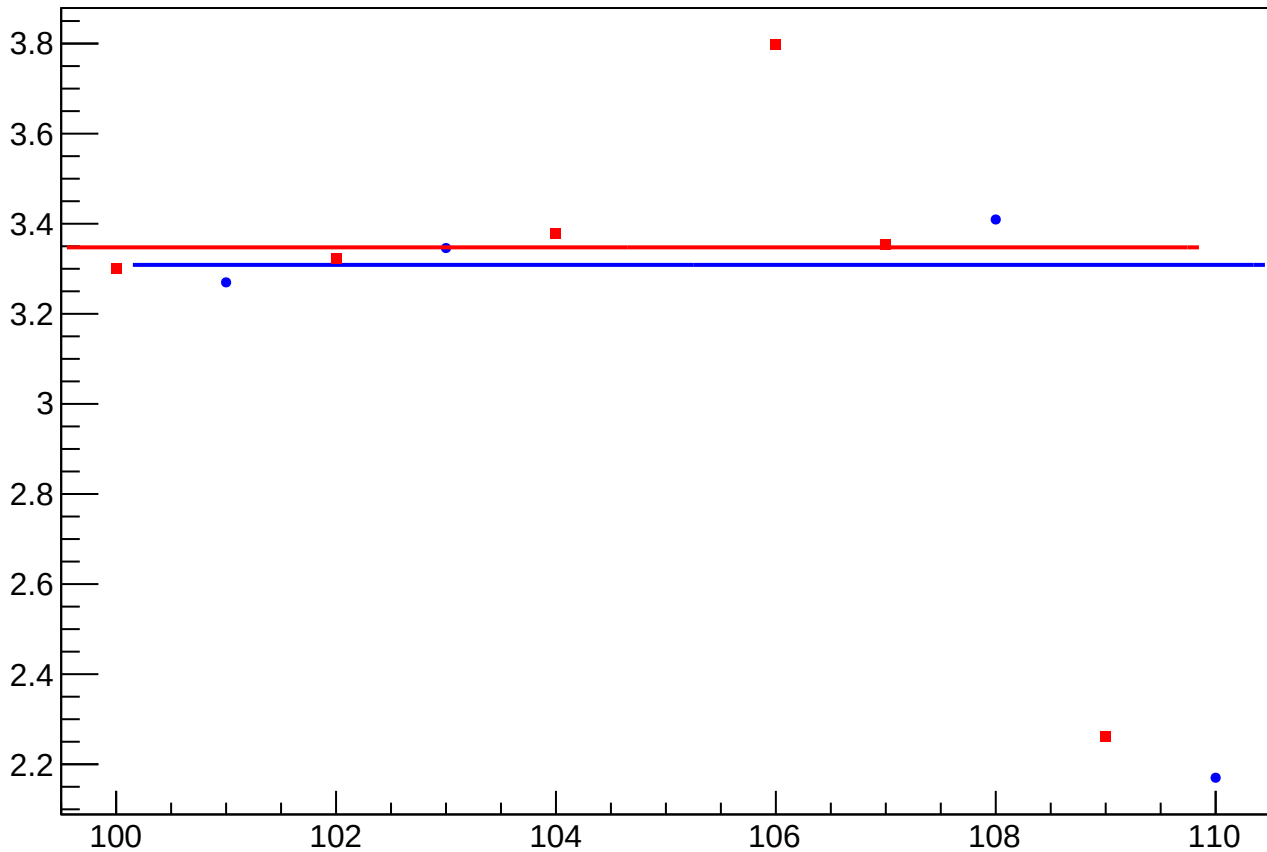
Right: 0.005+/-0.000 χ^2/NDF : 2540948.8/9

In: 0.005+/-0.000 χ^2/NDF : 731470.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2540948.8/9

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.309+/-0.000 χ^2/NDF : 83807969.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.348+/-0.000 χ^2/NDF : 112973589.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

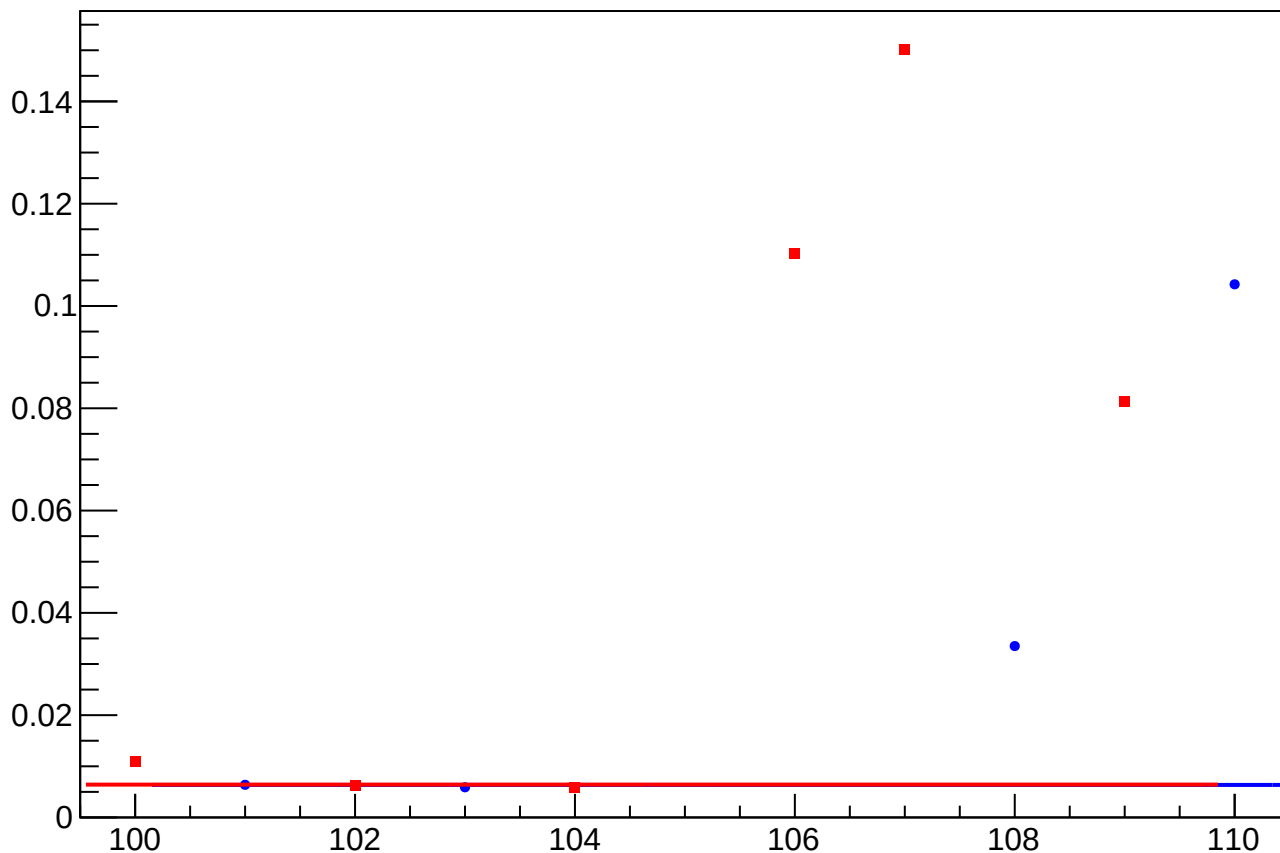
Right: 3.328+/-0.000 χ^2/NDF : 218932272.0/9

In: 3.309+/-0.000 χ^2/NDF : 83807969.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.328+/-0.000 χ^2/NDF : 218932272.0/9

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 794683.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1749747.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

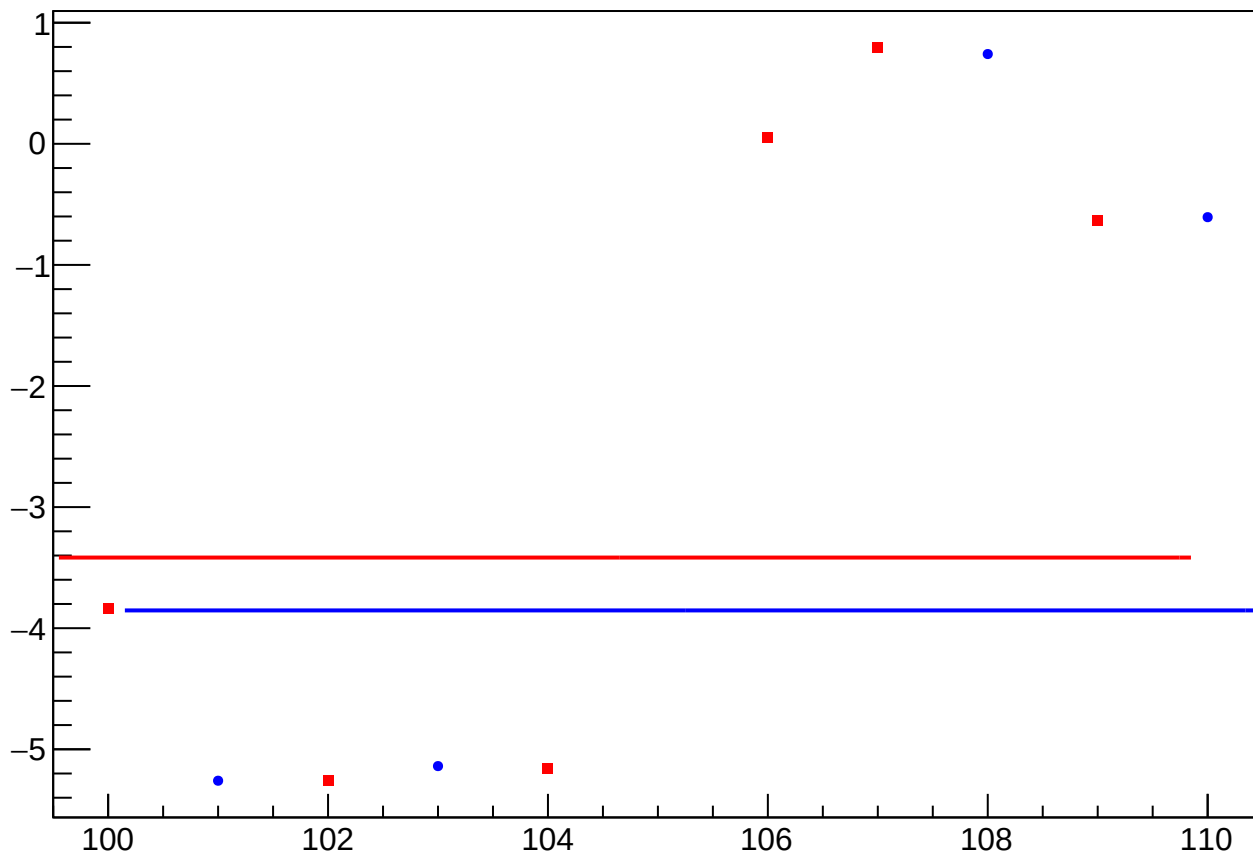
Right: 0.006+/-0.000 χ^2/NDF : 2544532.4/9

In: 0.006+/-0.000 χ^2/NDF : 794683.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2544532.4/9

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -3.853+/-0.000 χ^2/NDF : 64377112940.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.417+/-0.000 χ^2/NDF : 76216279047.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

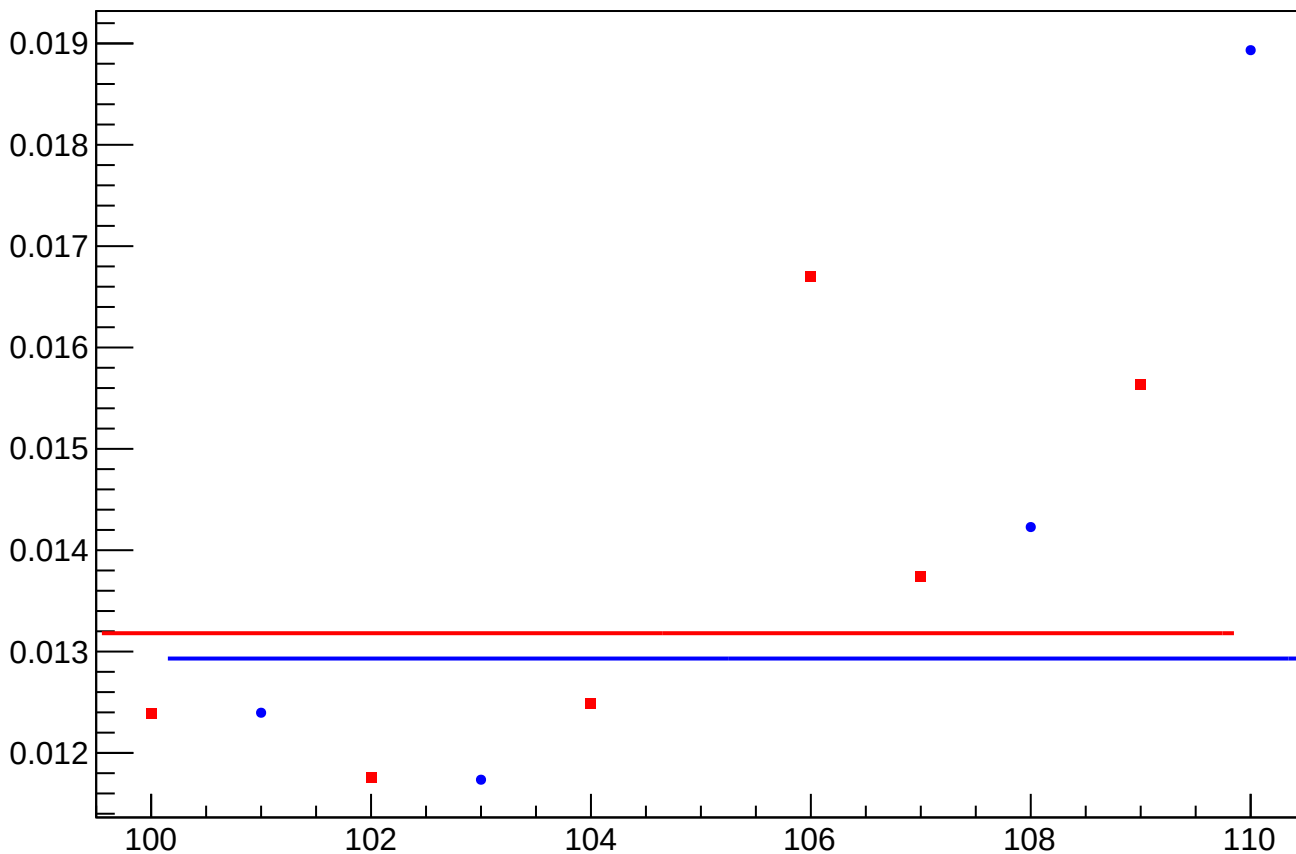
Right: -3.622+/-0.000 χ^2/NDF : 141727873900.2/9

In: -3.853+/-0.000 χ^2/NDF : 64377112940.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.622+/-0.000 χ^2/NDF : 141727873900.2/9

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 80428.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 73424.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

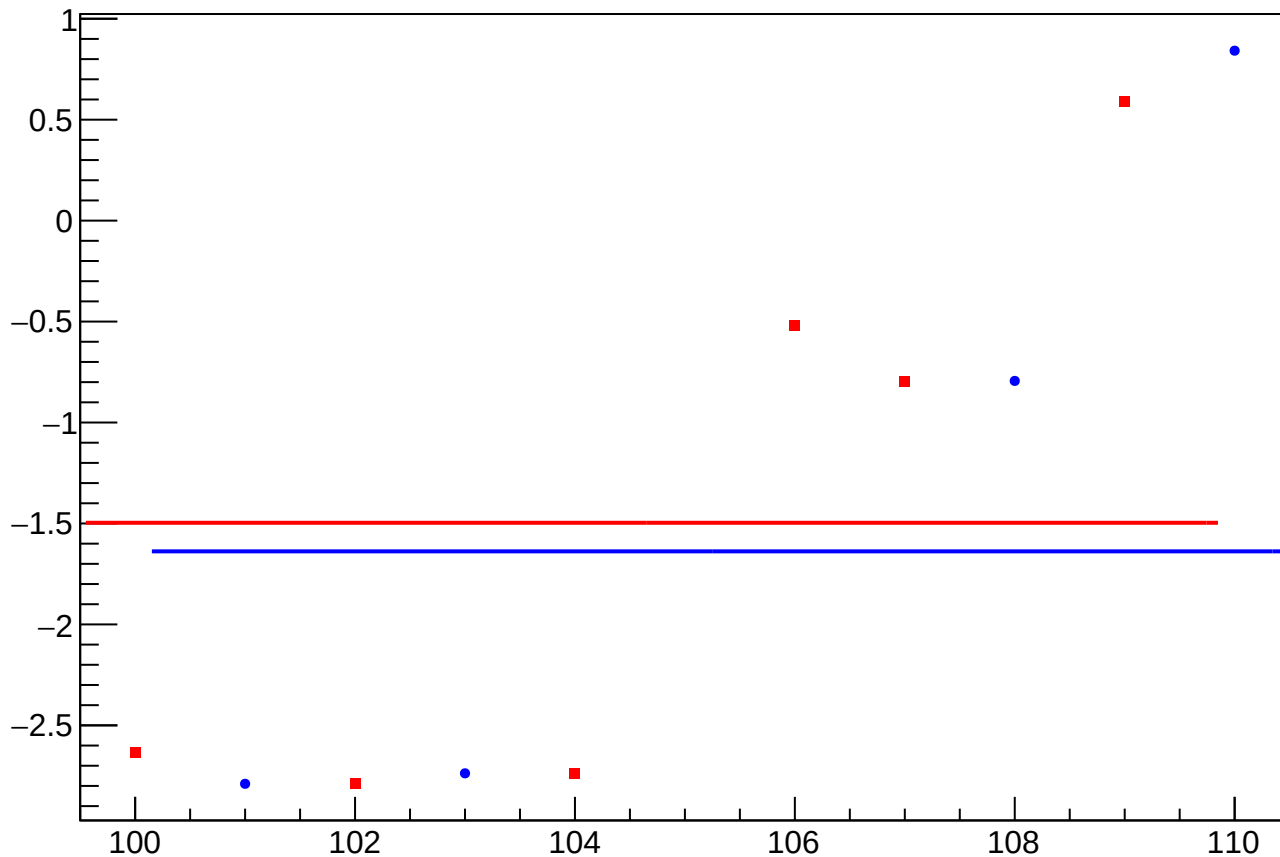
Right: 0.013+/-0.000 χ^2/NDF : 154596.5/9

In: 0.013+/-0.000 χ^2/NDF : 80428.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 154596.5/9

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -1.638+/-0.000 χ^2/NDF : 273624645743.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.497+/-0.000 χ^2/NDF : 346342513169.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

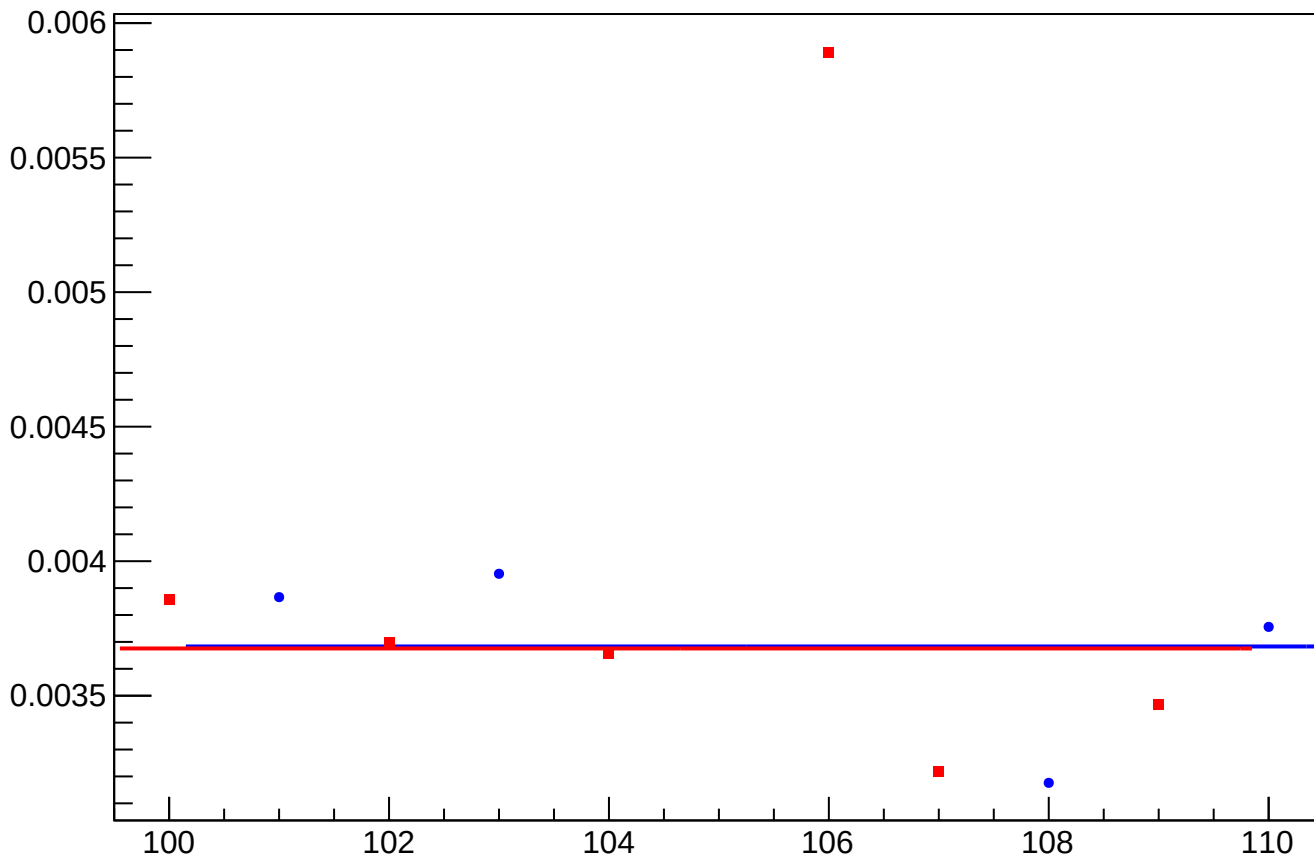
Right: -1.563+/-0.000 χ^2/NDF : 621492623022.8/9

In: -1.638+/-0.000 χ^2/NDF : 273624645743.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.563+/-0.000 χ^2/NDF : 621492623022.8/9

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 28595.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 93809.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

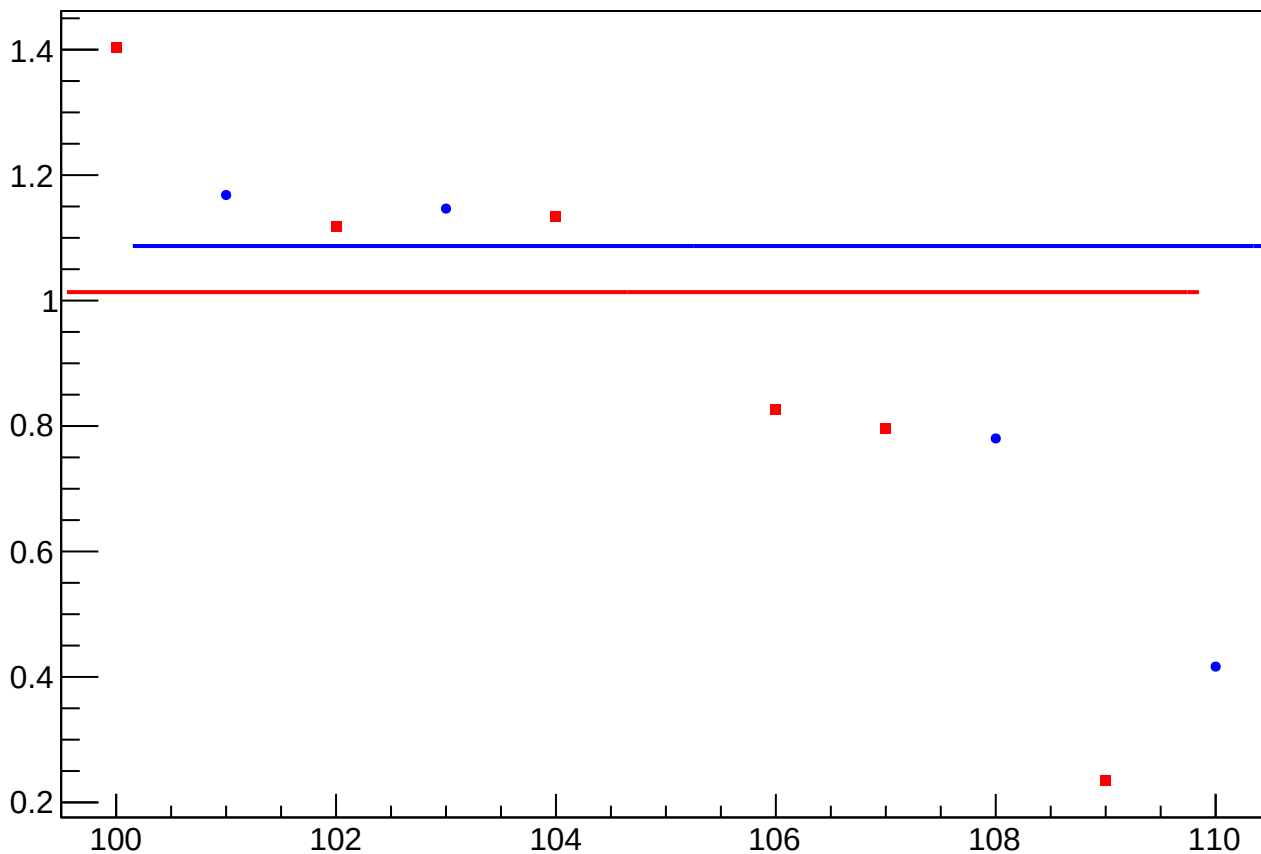
Right: 0.004+/-0.000 χ^2/NDF : 122412.9/9

In: 0.004+/-0.000 χ^2/NDF : 28595.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 122412.9/9

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 1.087+/-0.000 χ^2/NDF : 2864521733.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.013+/-0.000 χ^2/NDF : 7006816164.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

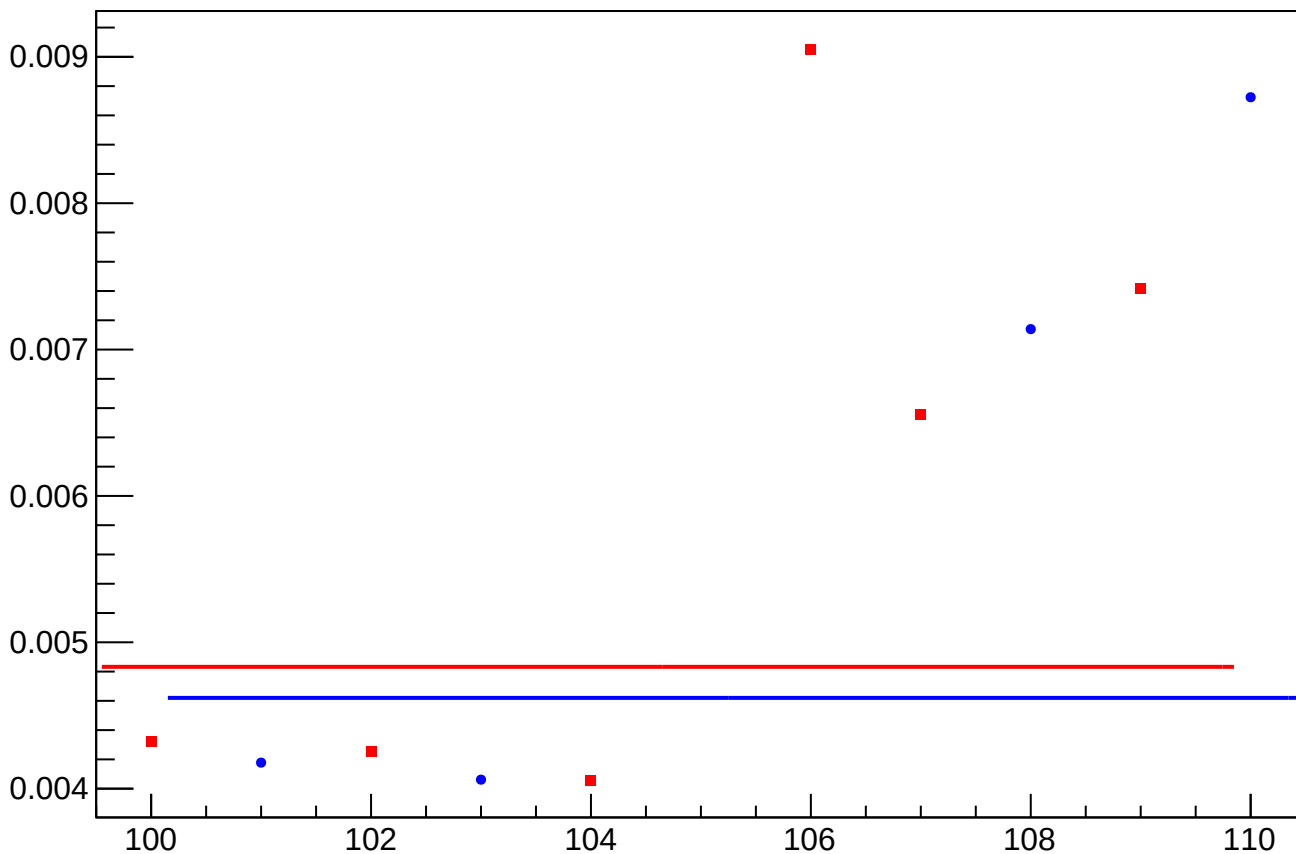
Right: 1.050+/-0.000 χ^2/NDF : 10097132776.9/9

In: 1.087+/-0.000 χ^2/NDF : 2864521733.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.050+/-0.000 χ^2/NDF : 10097132776.9/9

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 266094.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 316655.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

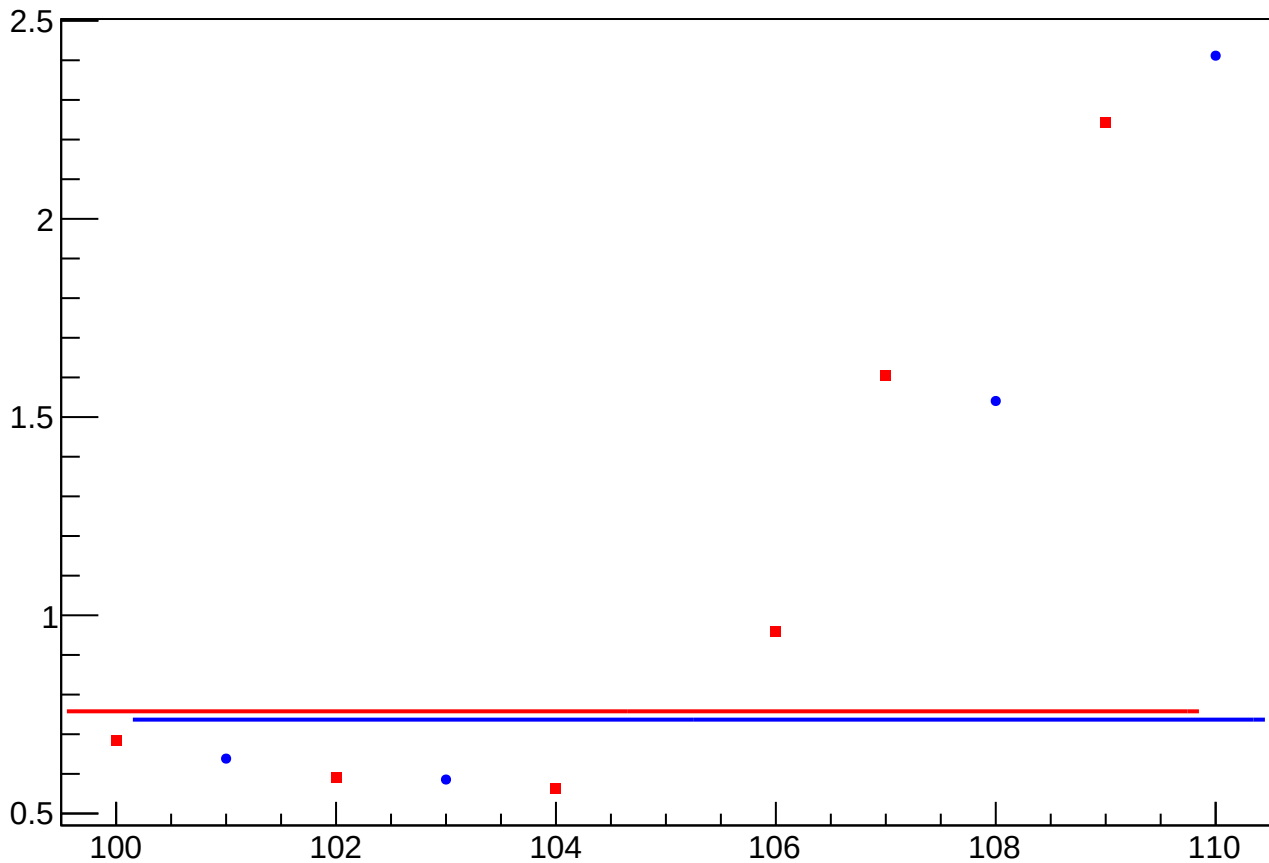
Right: 0.005+/-0.000 χ^2/NDF : 586507.6/9

In: 0.005+/-0.000 χ^2/NDF : 266094.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 586507.6/9

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.737+/-0.000 χ^2/NDF : 15288659878.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.758+/-0.000 χ^2/NDF : 22334331984.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

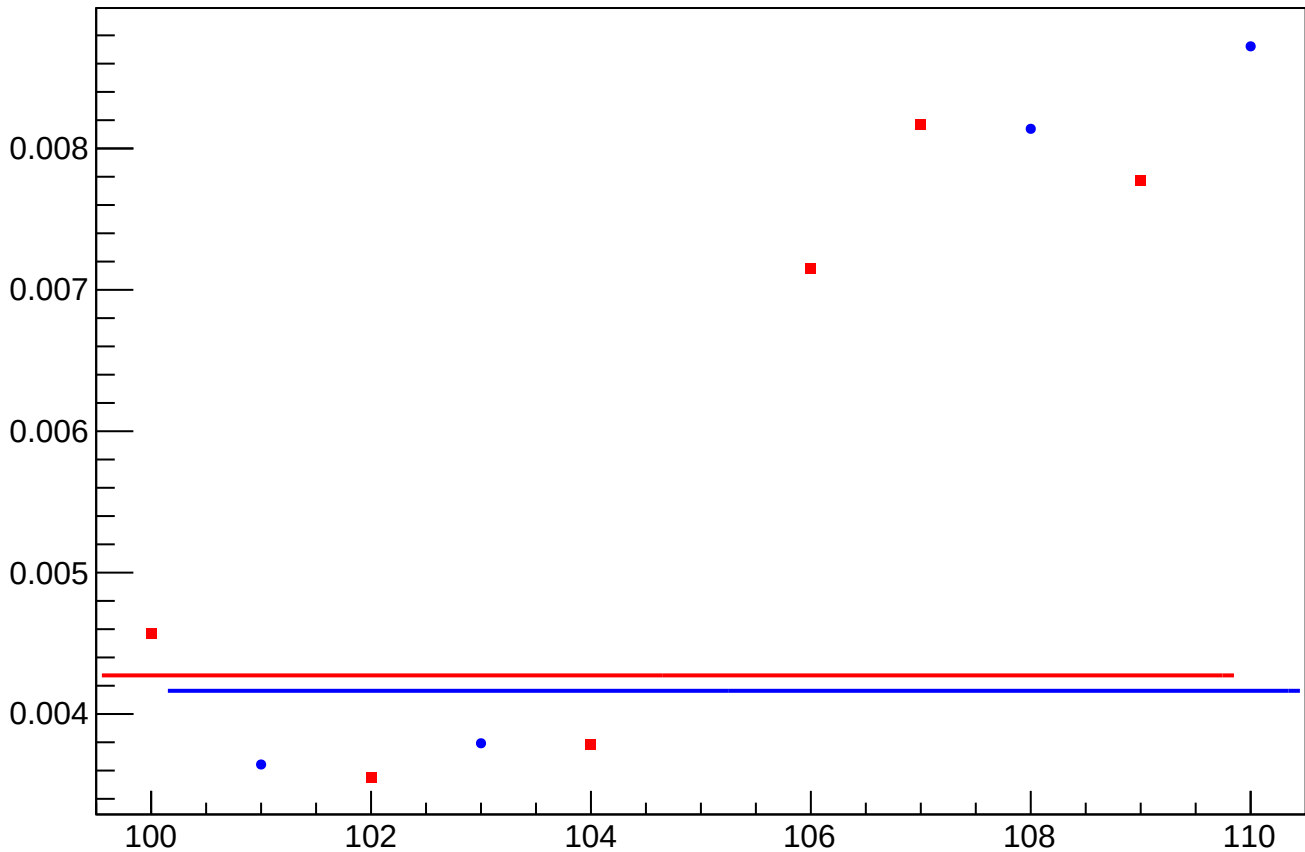
Right: 0.748+/-0.000 χ^2/NDF : 37644831542.6/9

In: 0.737+/-0.000 χ^2/NDF : 15288659878.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.748+/-0.000 χ^2/NDF : 37644831542.6/9

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 371815.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 425487.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

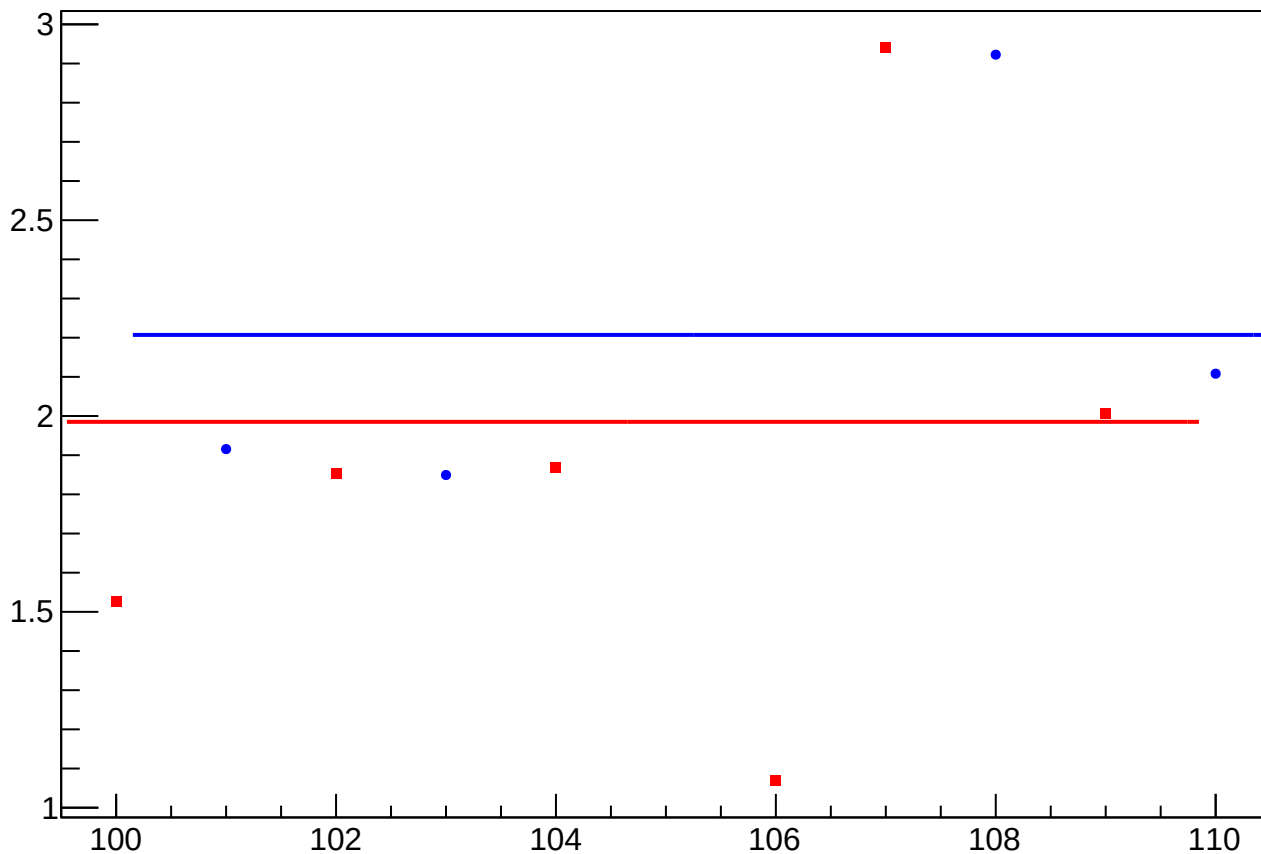
Right: 0.004+/-0.000 χ^2/NDF : 798485.1/9

In: 0.004+/-0.000 χ^2/NDF : 371815.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 798485.1/9

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.207+/-0.000

χ^2/NDF : 7551133305.0/3

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2.089+/-0.000 χ^2/NDF : 19162741684.8/9

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.207+/-0.000 χ^2/NDF : 7551133305.0/3

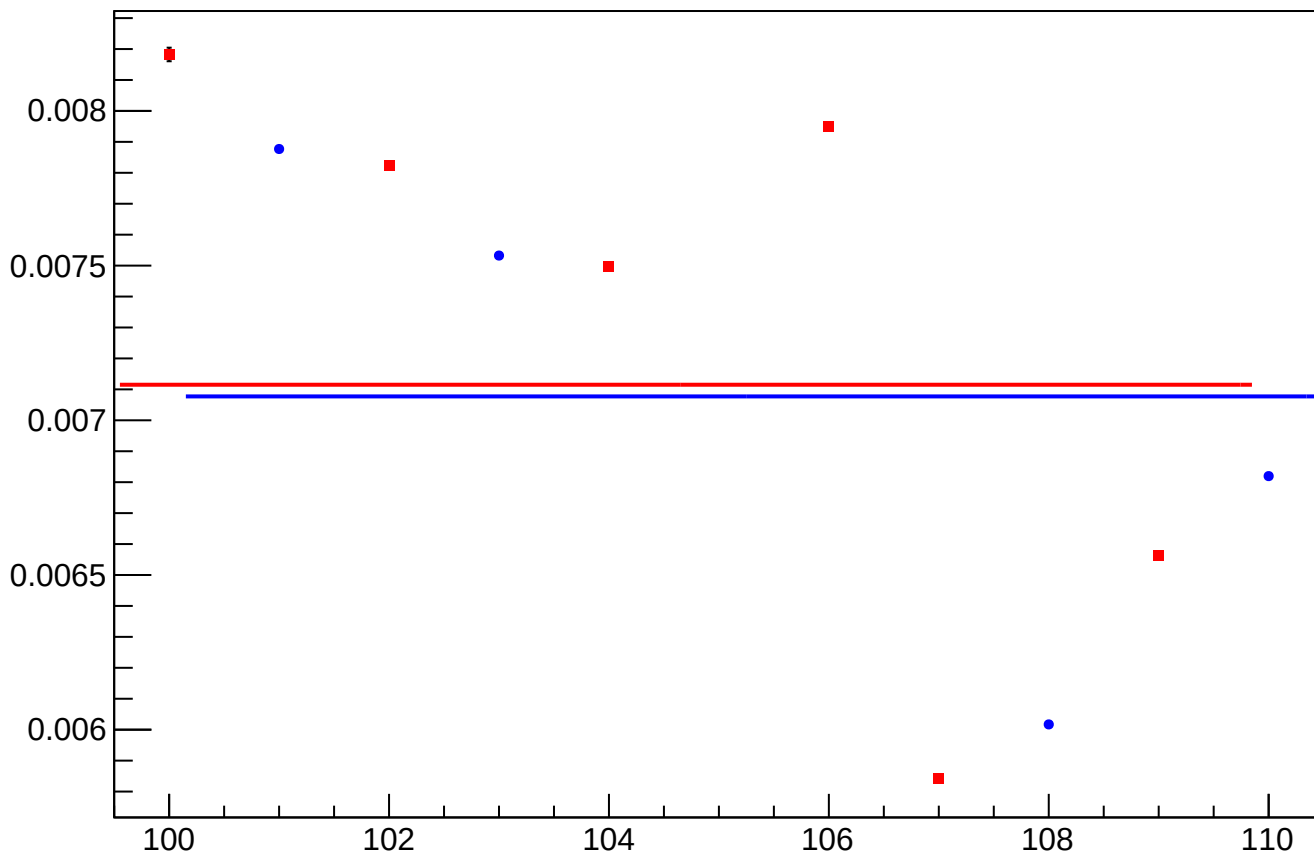
Right Out: 1.985+/-0.000 χ^2/NDF : 10609648087.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.089+/-0.000 χ^2/NDF : 19162741684.8/9

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 41374.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 51474.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

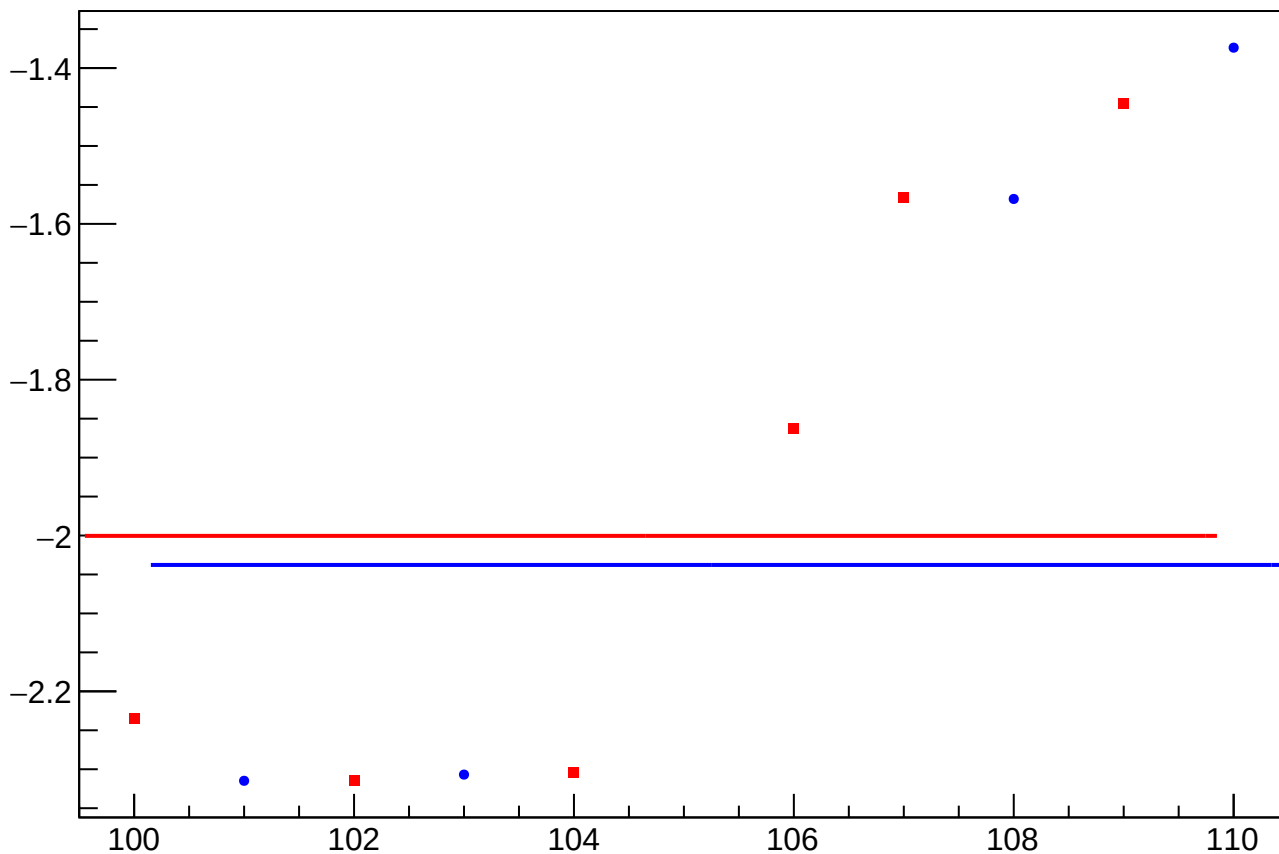
Right: 0.007+/-0.000 χ^2/NDF : 92906.5/9

In: 0.007+/-0.000 χ^2/NDF : 41374.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 92906.5/9

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -2.038+/-0.000 χ^2/NDF : 47652449363.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.000+/-0.000 χ^2/NDF : 50094746292.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

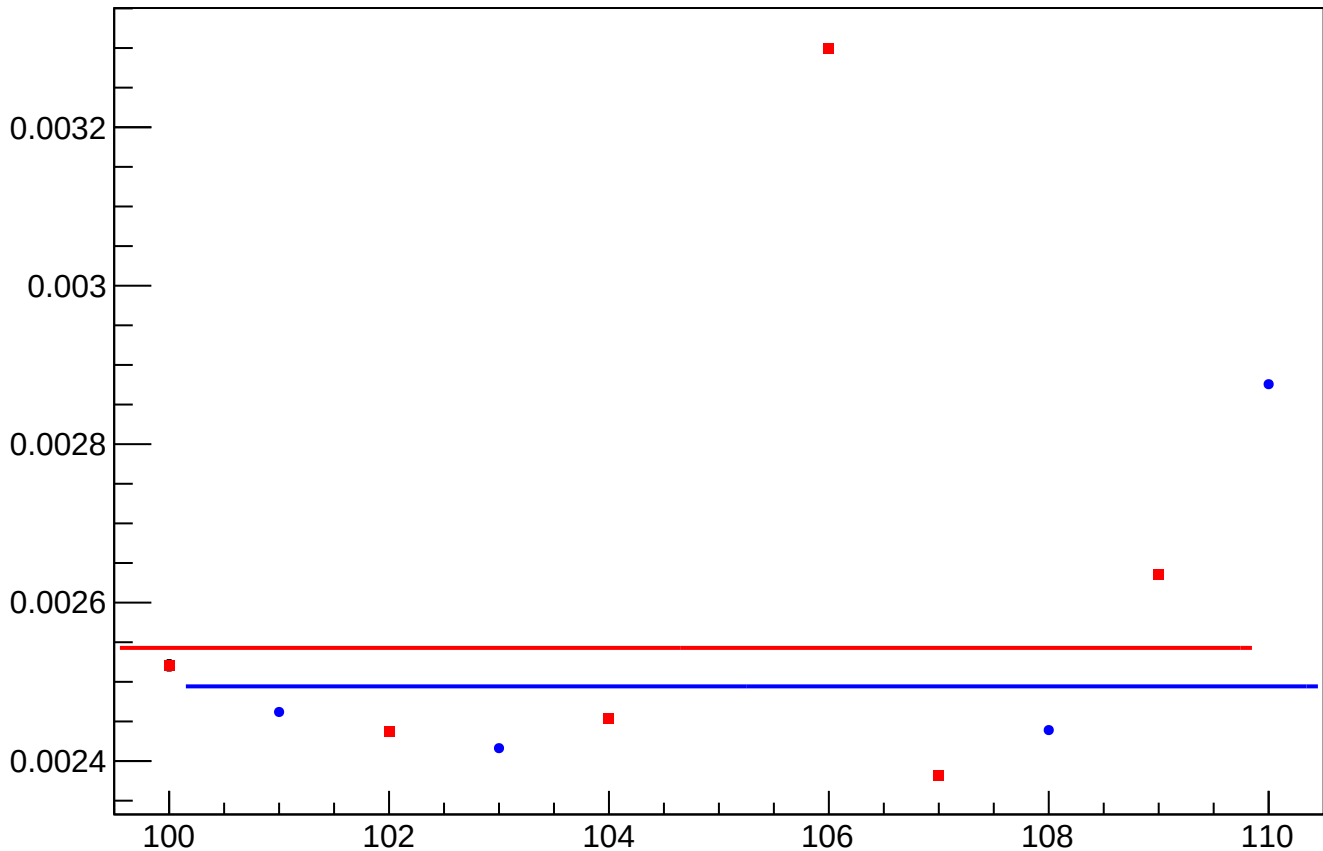
Right: -2.018+/-0.000 χ^2/NDF : 97976680209.7/9

In: -2.038+/-0.000 χ^2/NDF : 47652449363.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.018+/-0.000 χ^2/NDF : 97976680209.7/9

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 13381.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 36314.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

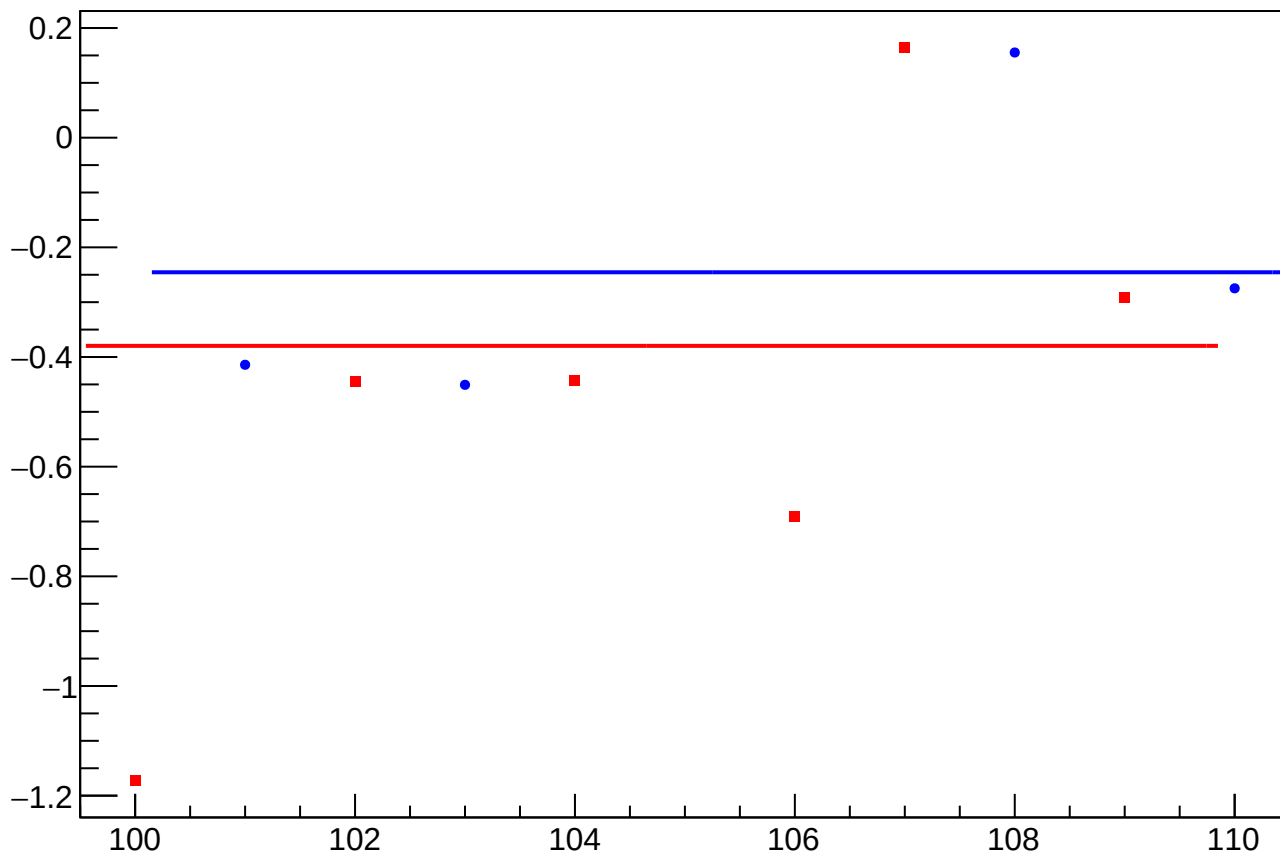
Right: 0.003+/-0.000 χ^2/NDF : 50473.7/9

In: 0.002+/-0.000 χ^2/NDF : 13381.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 50473.7/9

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.245+/-0.000 χ^2/NDF : 852006079.3/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.380+/-0.000 χ^2/NDF : 1330163967.8/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

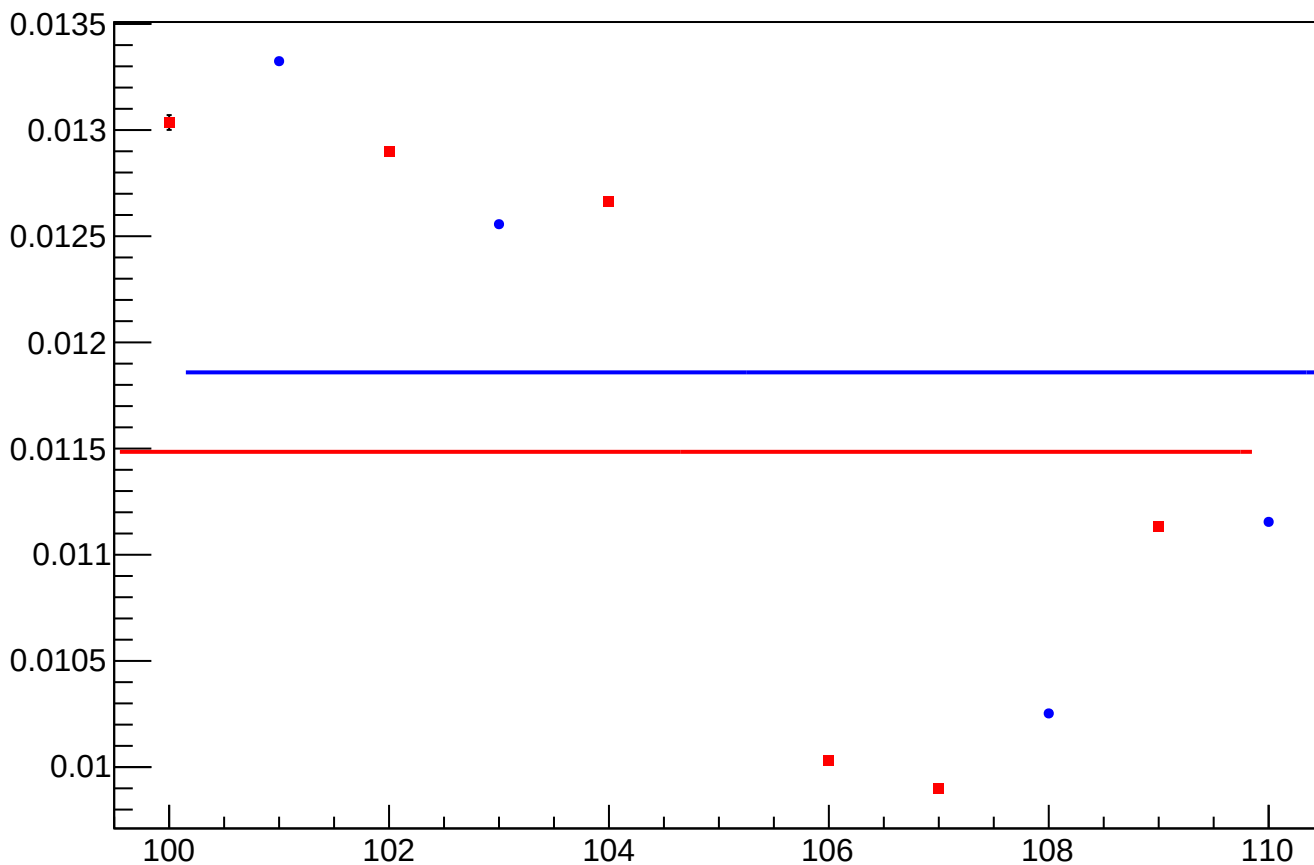
Right: -0.319+/-0.000 χ^2/NDF : 2320049005.2/9

In: -0.245+/-0.000 χ^2/NDF :852006079.3/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.319+/-0.000 χ^2/NDF : 2320049005.2/9

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 40871.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 51941.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

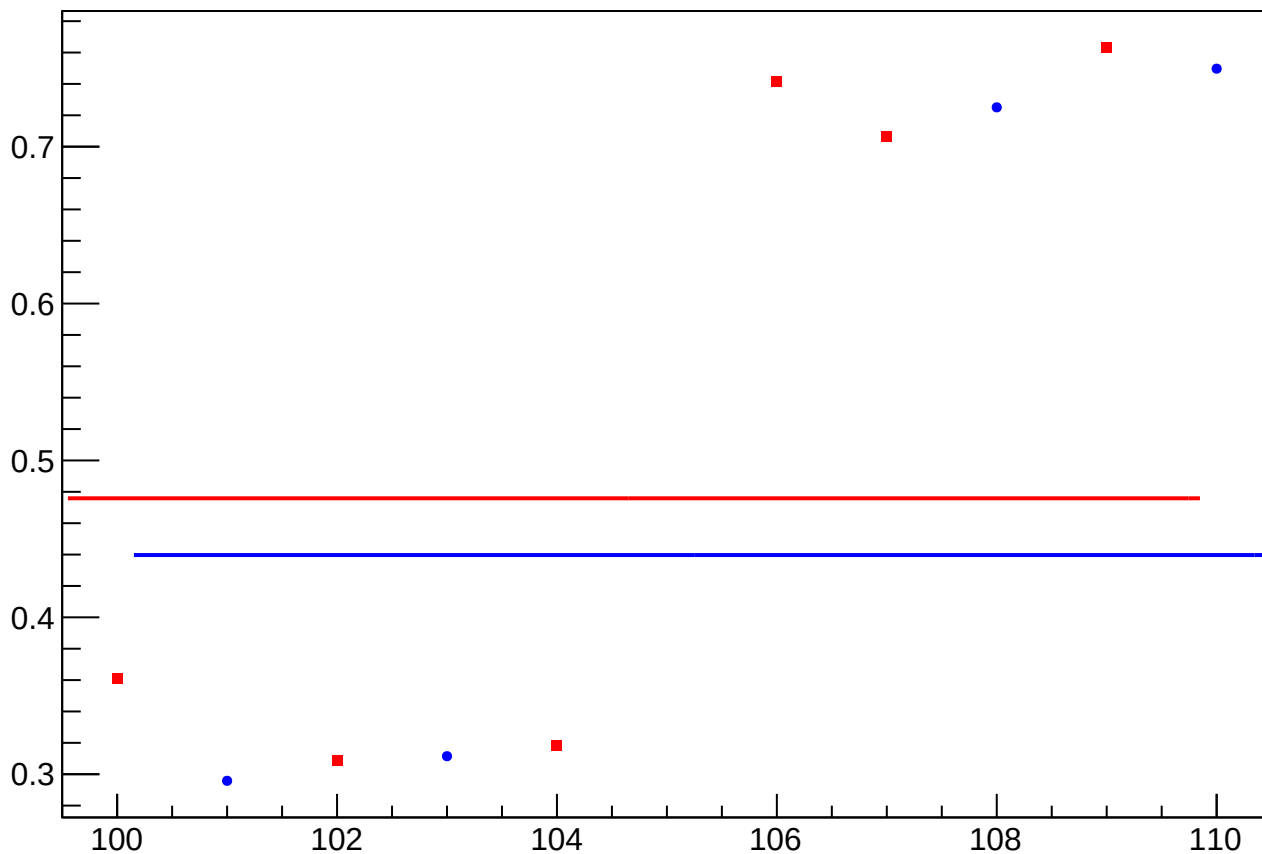
Right: 0.012+/-0.000 χ^2/NDF : 94957.2/9

In: 0.012+/-0.000 χ^2/NDF : 40871.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 94957.2/9

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.440+/-0.000 χ^2/NDF : 12564803088.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.476+/-0.000 χ^2/NDF : 14361610896.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

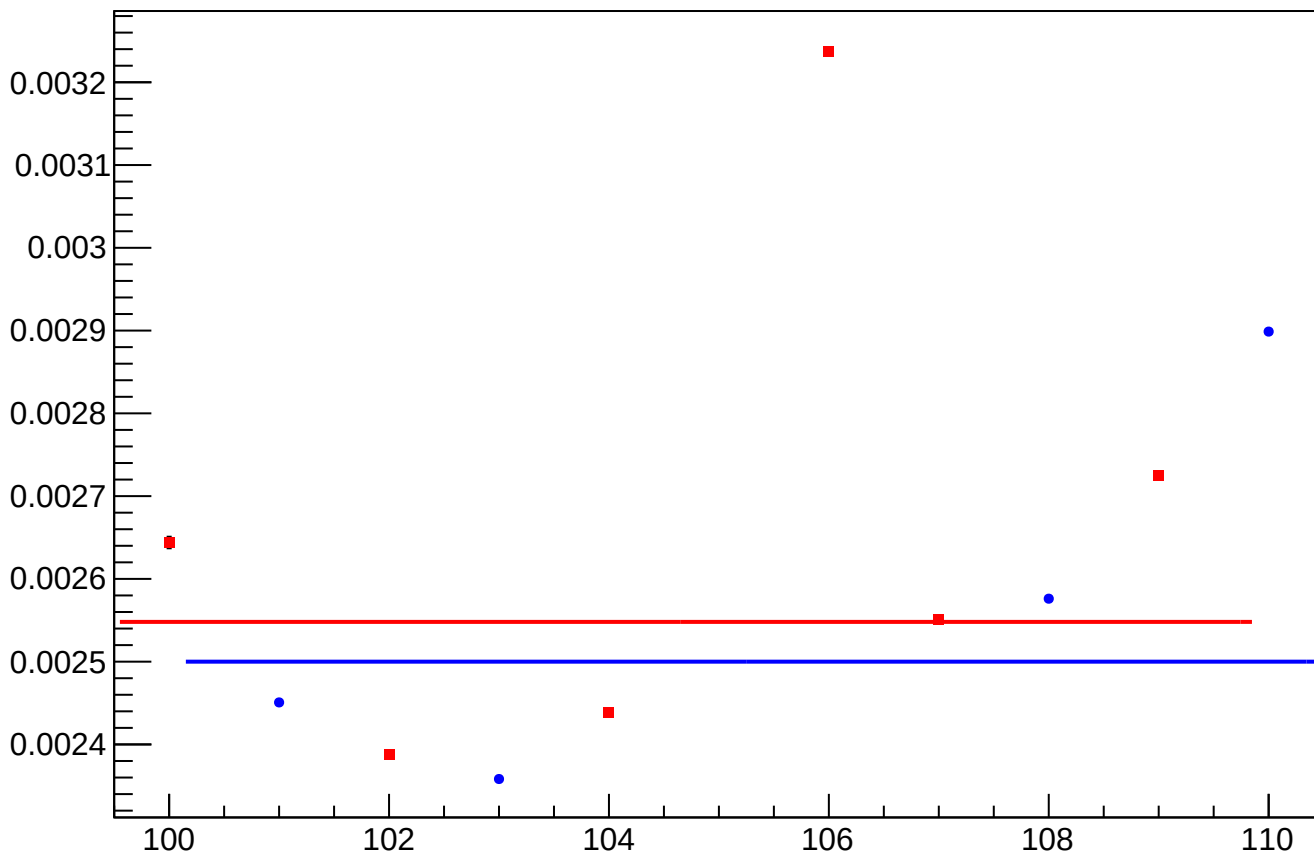
Right: 0.458+/-0.000 χ^2/NDF : 27136836582.3/9

In: 0.440+/-0.000 χ^2/NDF : 12564803088.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.458+/-0.000 χ^2/NDF : 27136836582.3/9

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 18160.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 31738.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

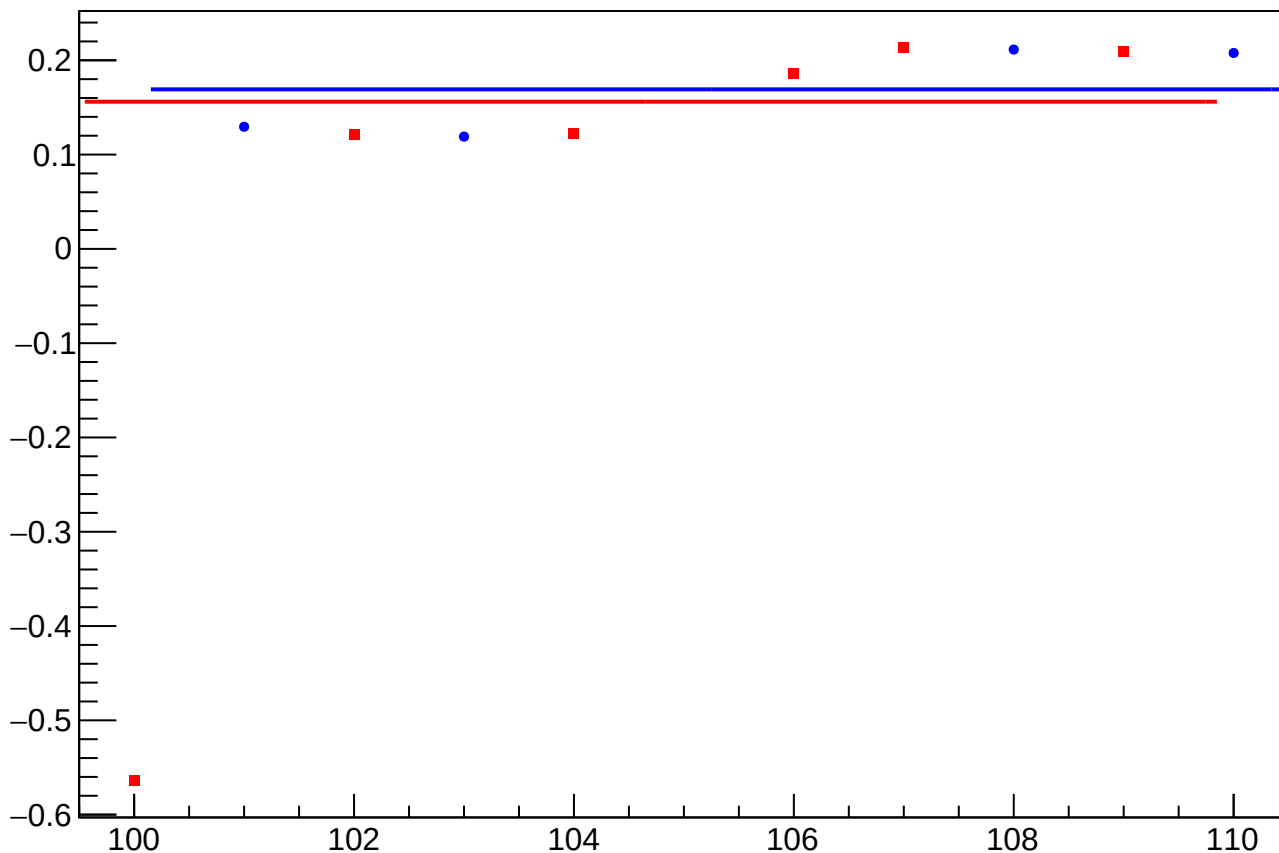
Right: 0.003+/-0.000 χ^2/NDF : 50641.5/9

In: 0.003+/-0.000 χ^2/NDF : 18160.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 50641.5/9

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.169+/-0.000 χ^2/NDF : 32363363.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.156+/-0.000 χ^2/NDF : 302605850.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

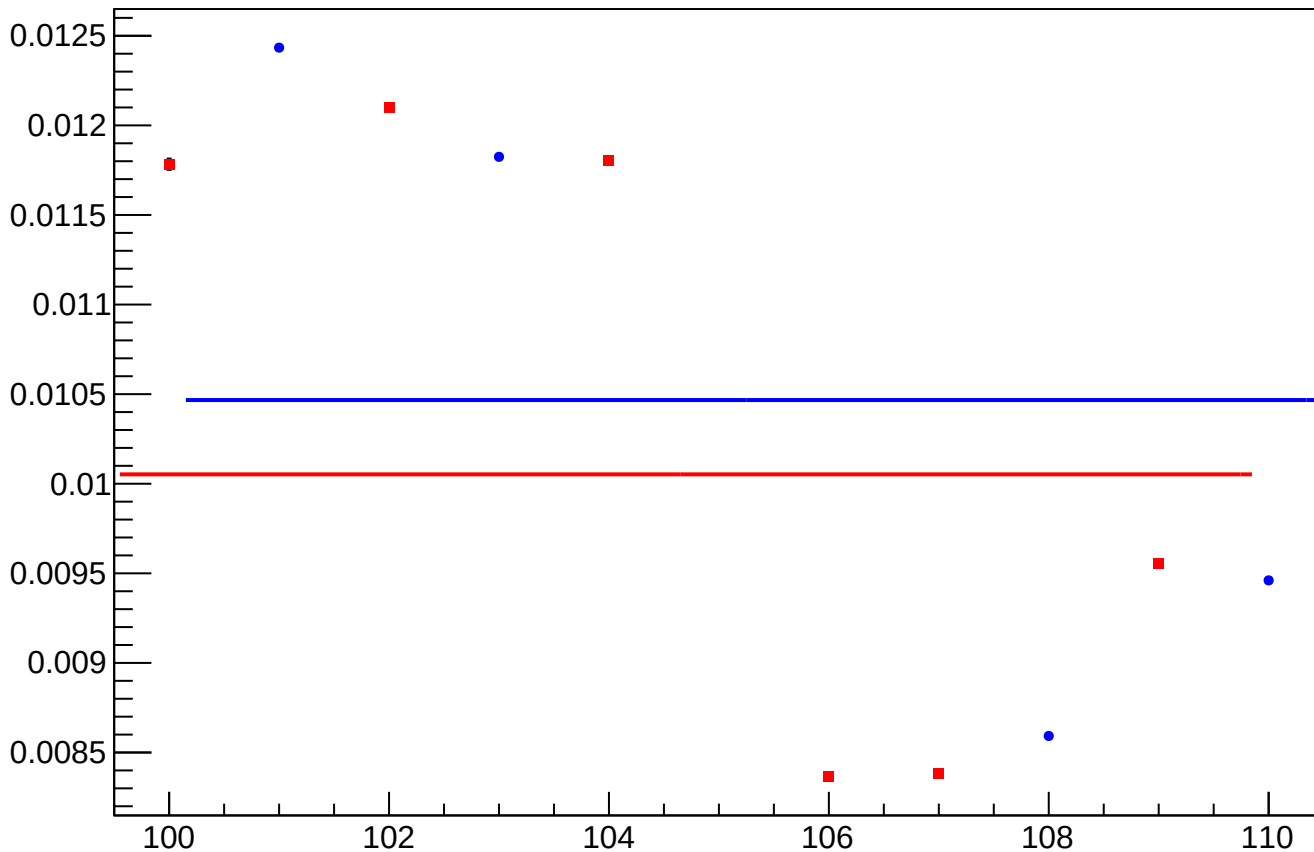
Right: 0.162+/-0.000 χ^2/NDF : 336642939.7/9

In: 0.169+/-0.000 χ^2/NDF : 32363363.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.162+/-0.000 χ^2/NDF : 336642939.7/9

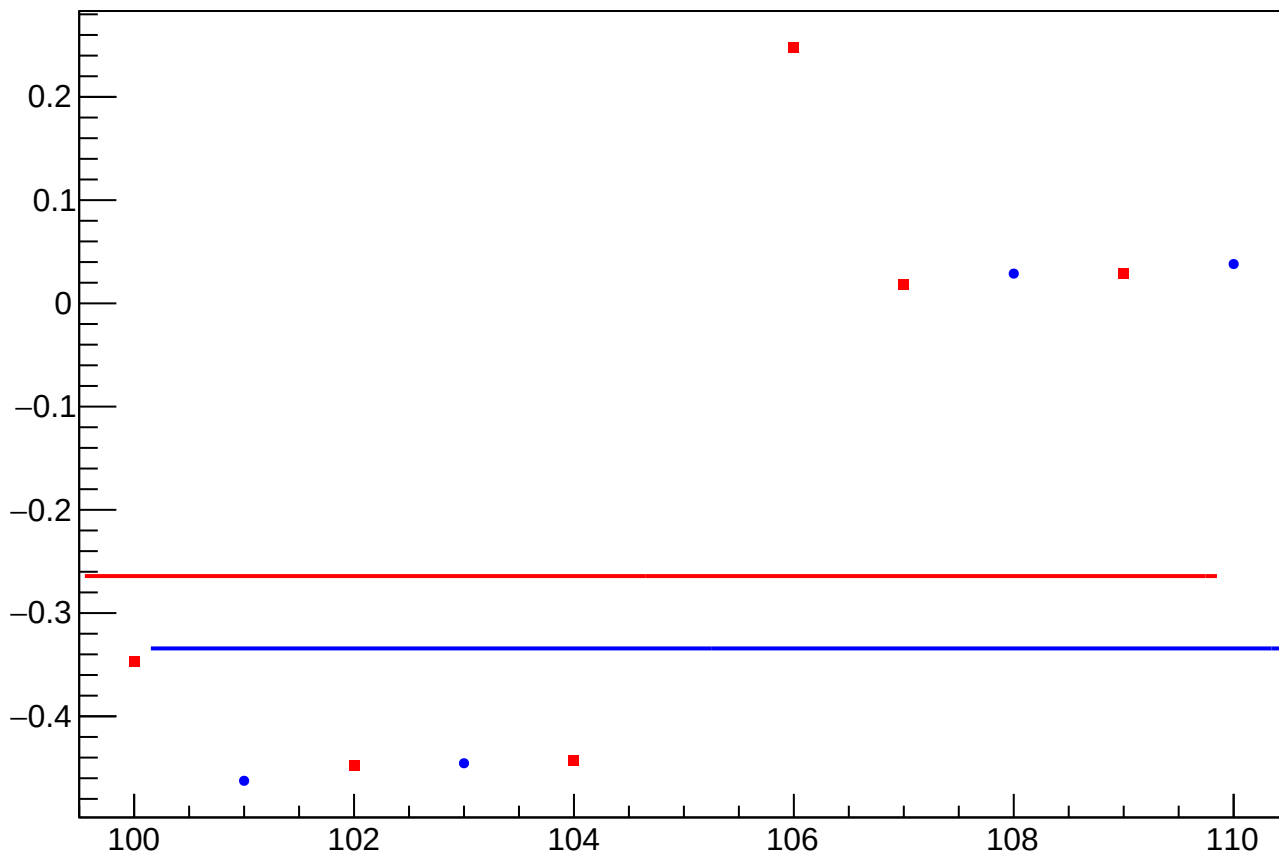
yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 92211.2/3
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.010+/-0.000 χ^2/NDF : 107998.0/5
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.010+/-0.000 χ^2/NDF : 203562.2/9
In: 0.010+/-0.000 χ^2/NDF : 92211.2/3
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.010+/-0.000 χ^2/NDF : 203562.2/9

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.334+/-0.000 χ^2/NDF : 5577614532.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.264+/-0.000 χ^2/NDF : 8591673980.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

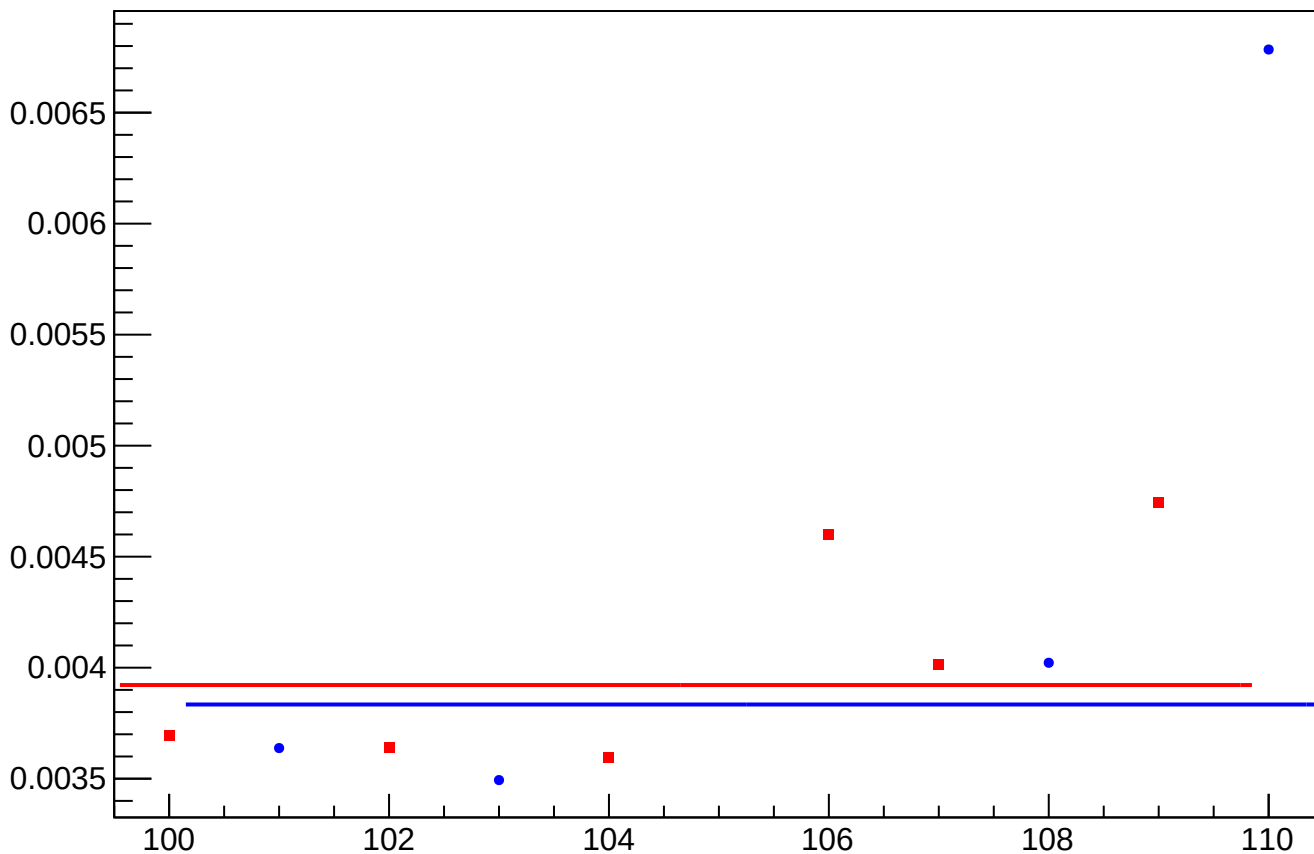
Right: -0.298+/-0.000 χ^2/NDF : 14495230465.1/9

In: -0.334+/-0.000 χ^2/NDF :5577614532.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.298+/-0.000 χ^2/NDF : 14495230465.1/9

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 141716.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 56378.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

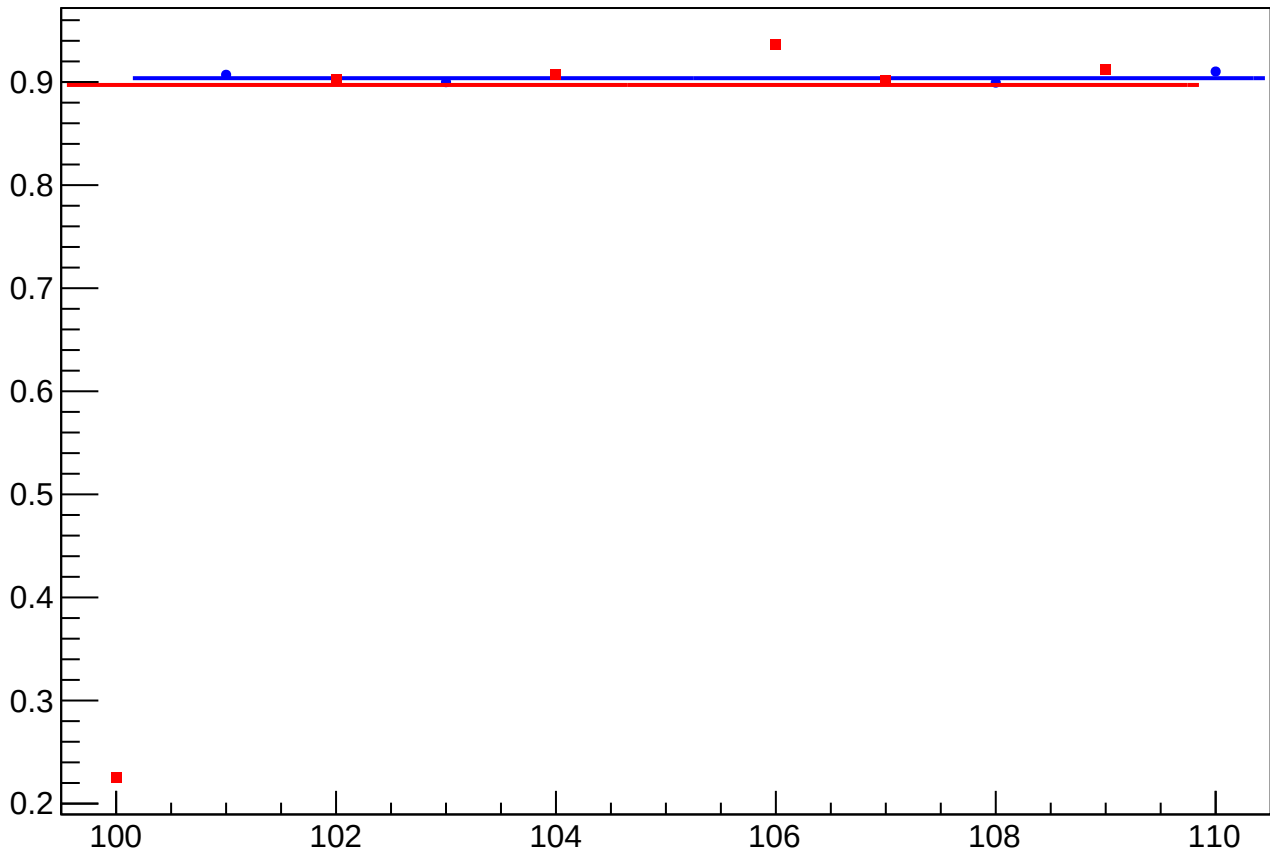
Right: 0.004+/-0.000 χ^2/NDF : 199114.8/9

In: 0.004+/-0.000 χ^2/NDF : 141716.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 199114.8/9

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.904 $\pm$ 0.000 χ^2 /NDF: 303667.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.897 $\pm$ 0.000 χ^2 /NDF: 215479586.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

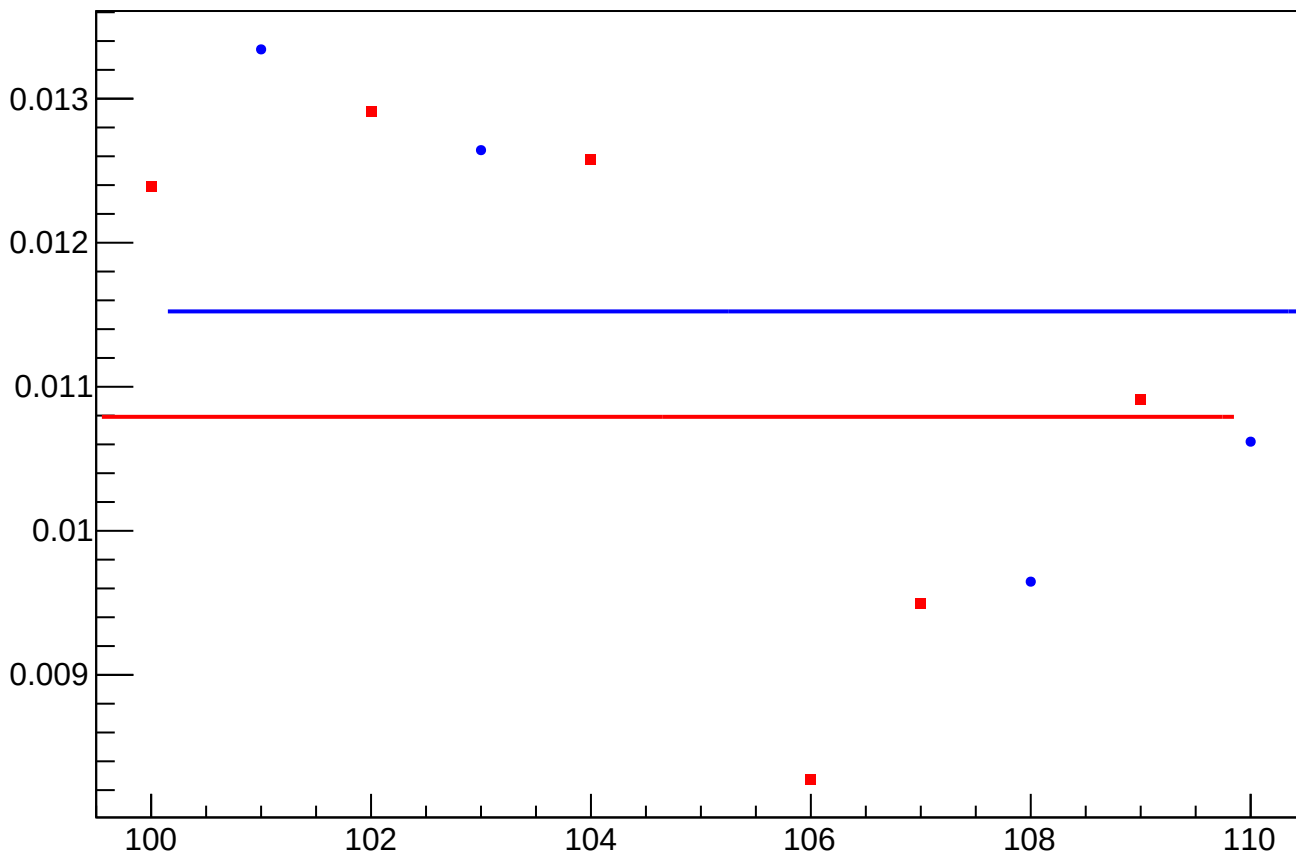
Right: 0.900 $\pm$ 0.000 χ^2 /NDF: 216137276.5/9

In: 0.904 $\pm$ 0.000 χ^2 /NDF:303667.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.900 $\pm$ 0.000 χ^2 /NDF: 216137276.5/9

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 66983.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 122979.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

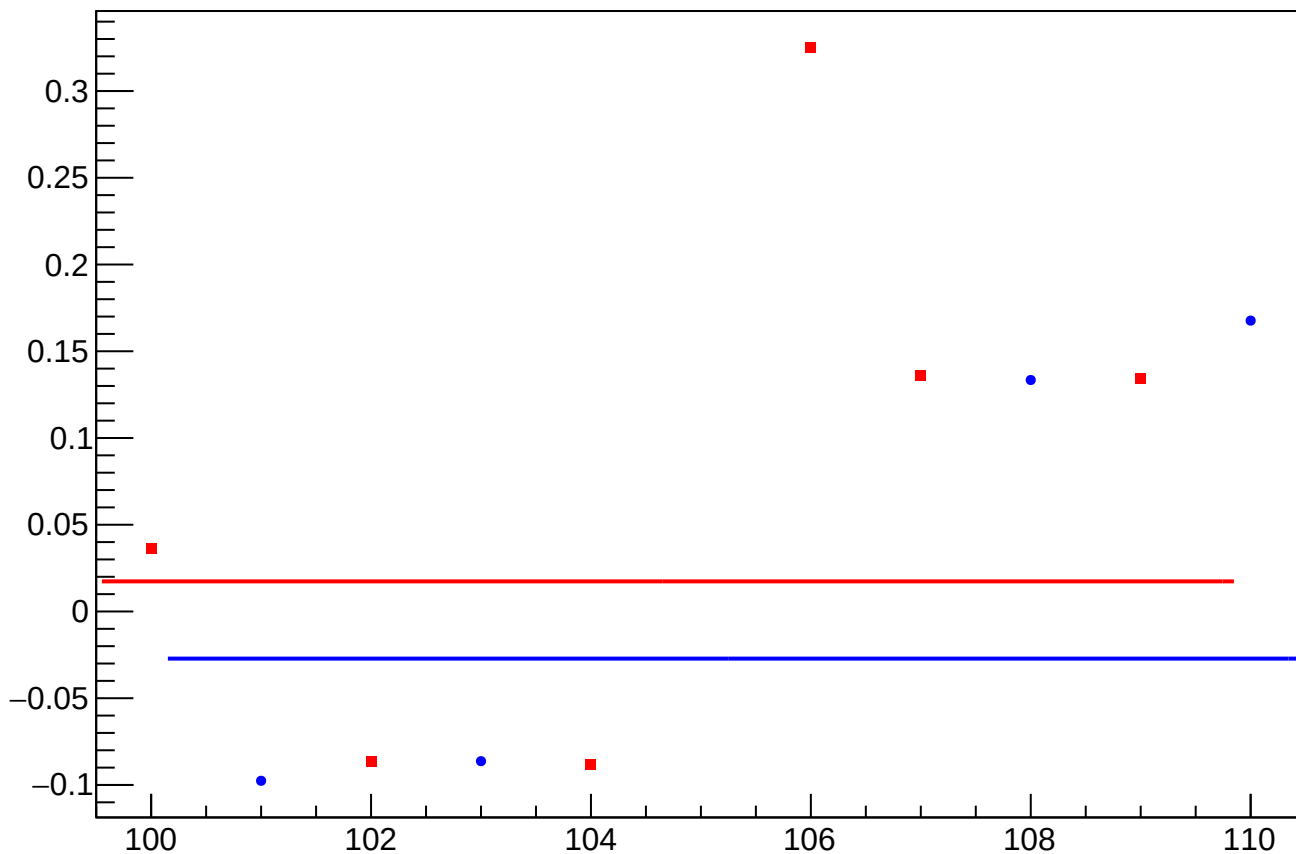
Right: 0.011+/-0.000 χ^2/NDF : 198755.2/9

In: 0.012+/-0.000 χ^2/NDF : 66983.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 198755.2/9

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.027+/-0.000 χ^2/NDF : 1190892139.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 2174717620.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

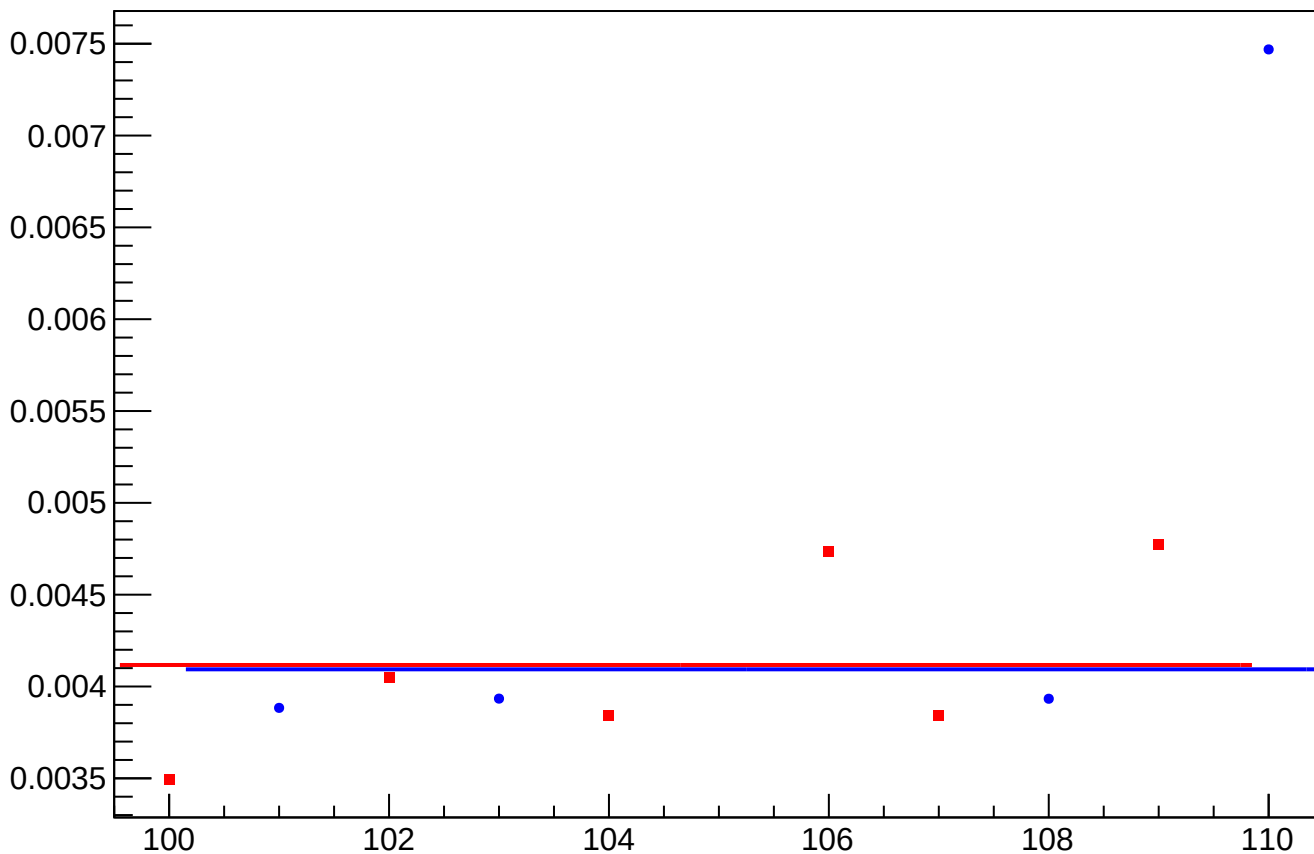
Right: -0.004+/-0.000 χ^2/NDF : 3480078190.0/9

In: -0.027+/-0.000 χ^2/NDF :1190892139.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.004+/-0.000 χ^2/NDF : 3480078190.0/9

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 132453.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 37740.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

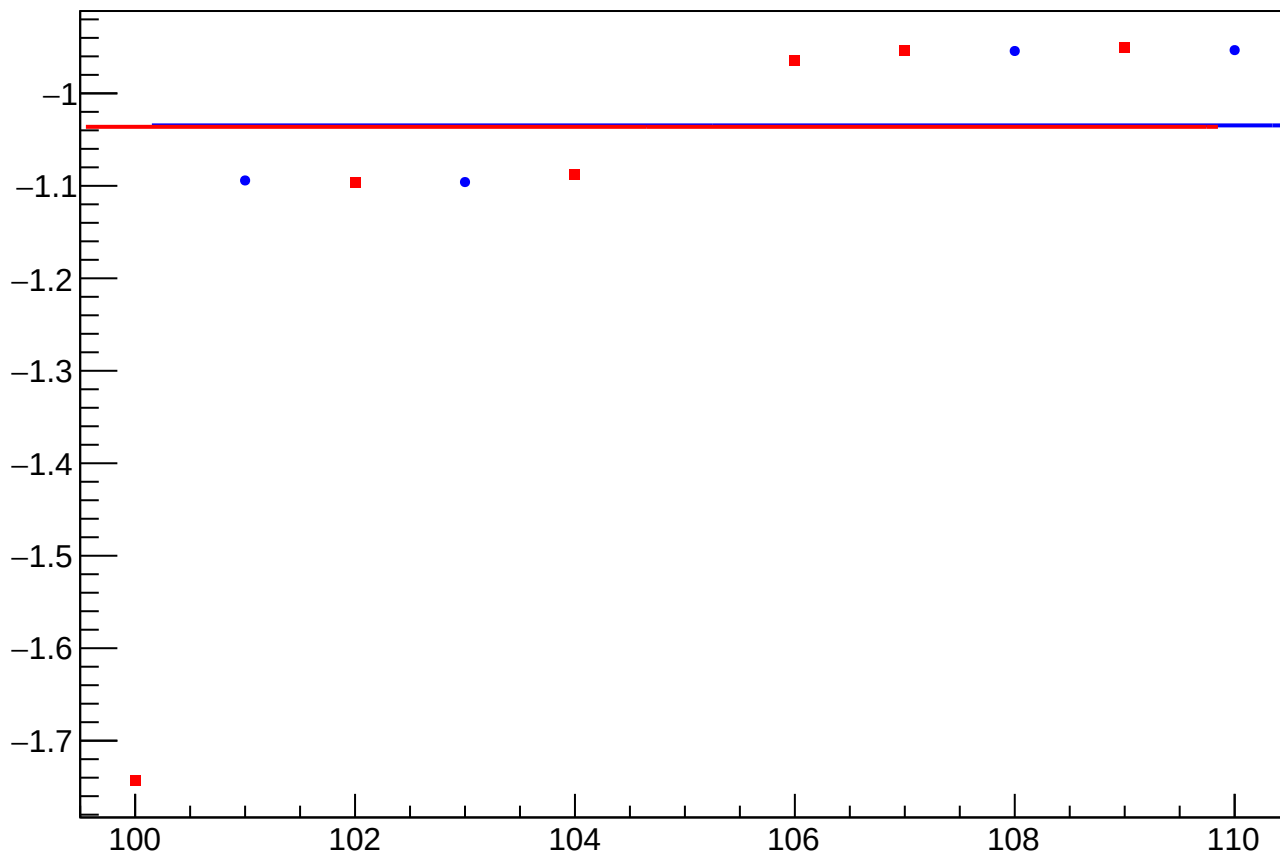
Right: 0.004+/-0.000 χ^2/NDF : 170258.8/9

In: 0.004+/-0.000 χ^2/NDF : 132453.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 170258.8/9

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.035+/-0.000 χ^2/NDF : 68773353.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.036+/-0.000 χ^2/NDF : 351780110.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

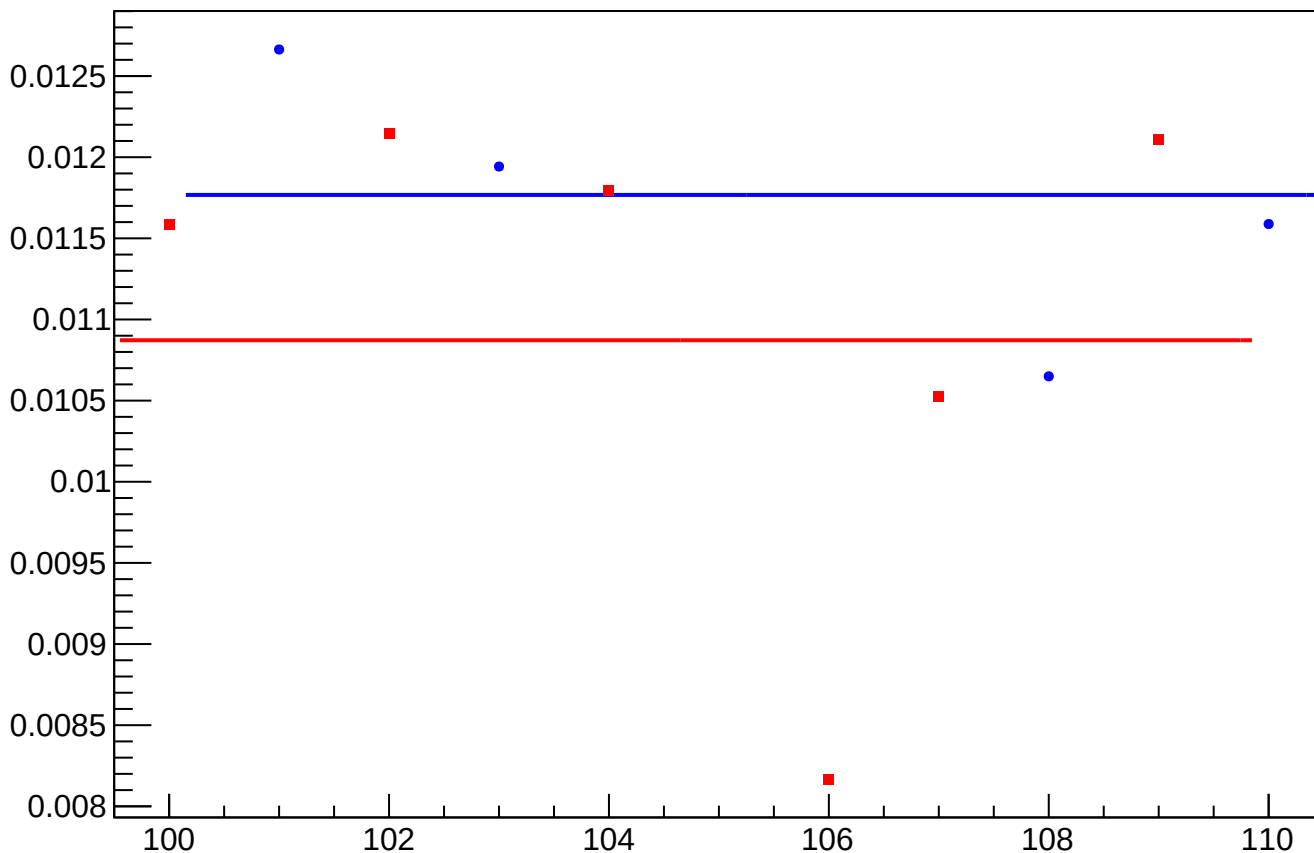
Right: -1.036+/-0.000 χ^2/NDF : 420572440.1/9

In: -1.035+/-0.000 χ^2/NDF : 68773353.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.036+/-0.000 χ^2/NDF : 420572440.1/9

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 15151.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 100307.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

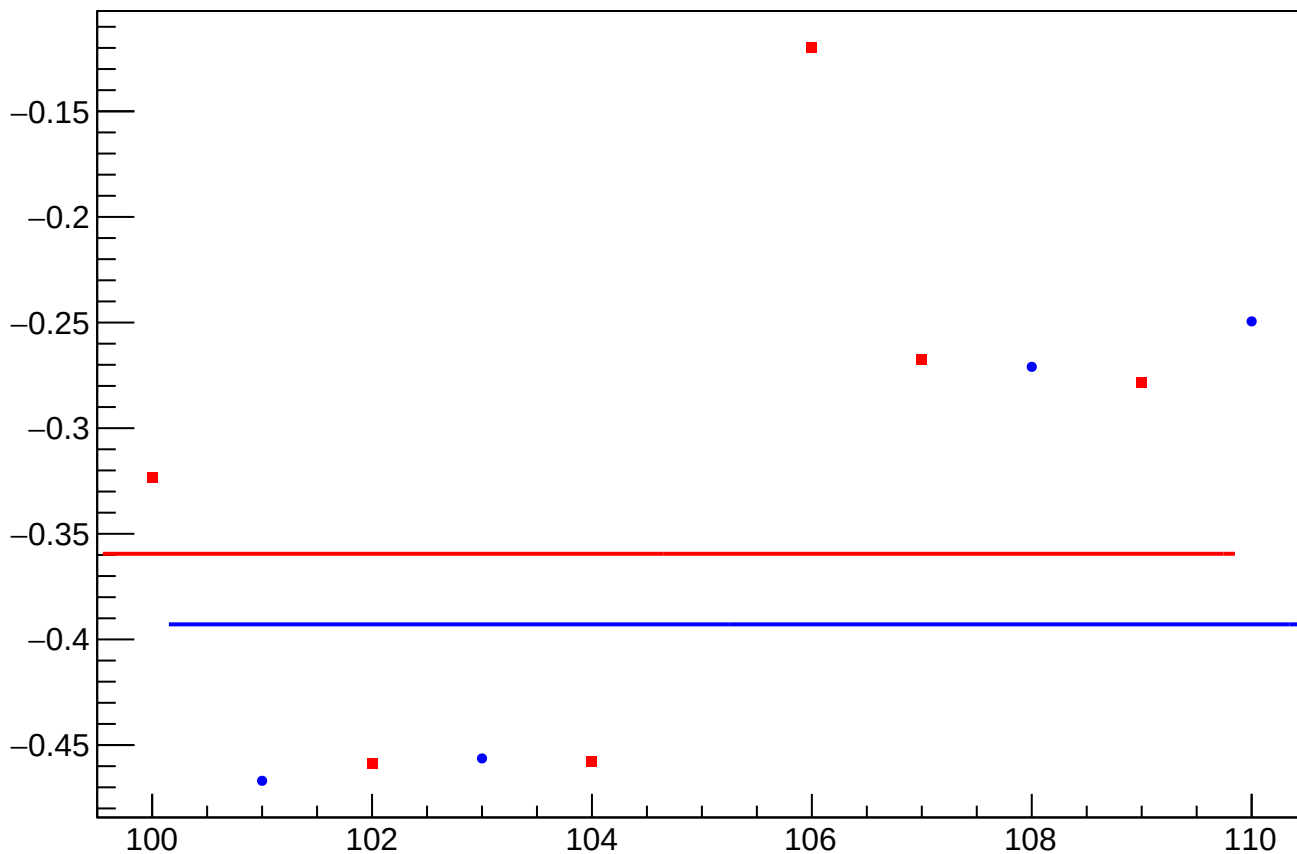
Right: 0.011 $\pm$ 0.000 χ^2 /NDF: 128320.5/9

In: 0.012 $\pm$ 0.000 χ^2 /NDF:15151.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 128320.5/9

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.393+/-0.000 χ^2/NDF : 1218200045.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.359+/-0.000 χ^2/NDF : 1792141664.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

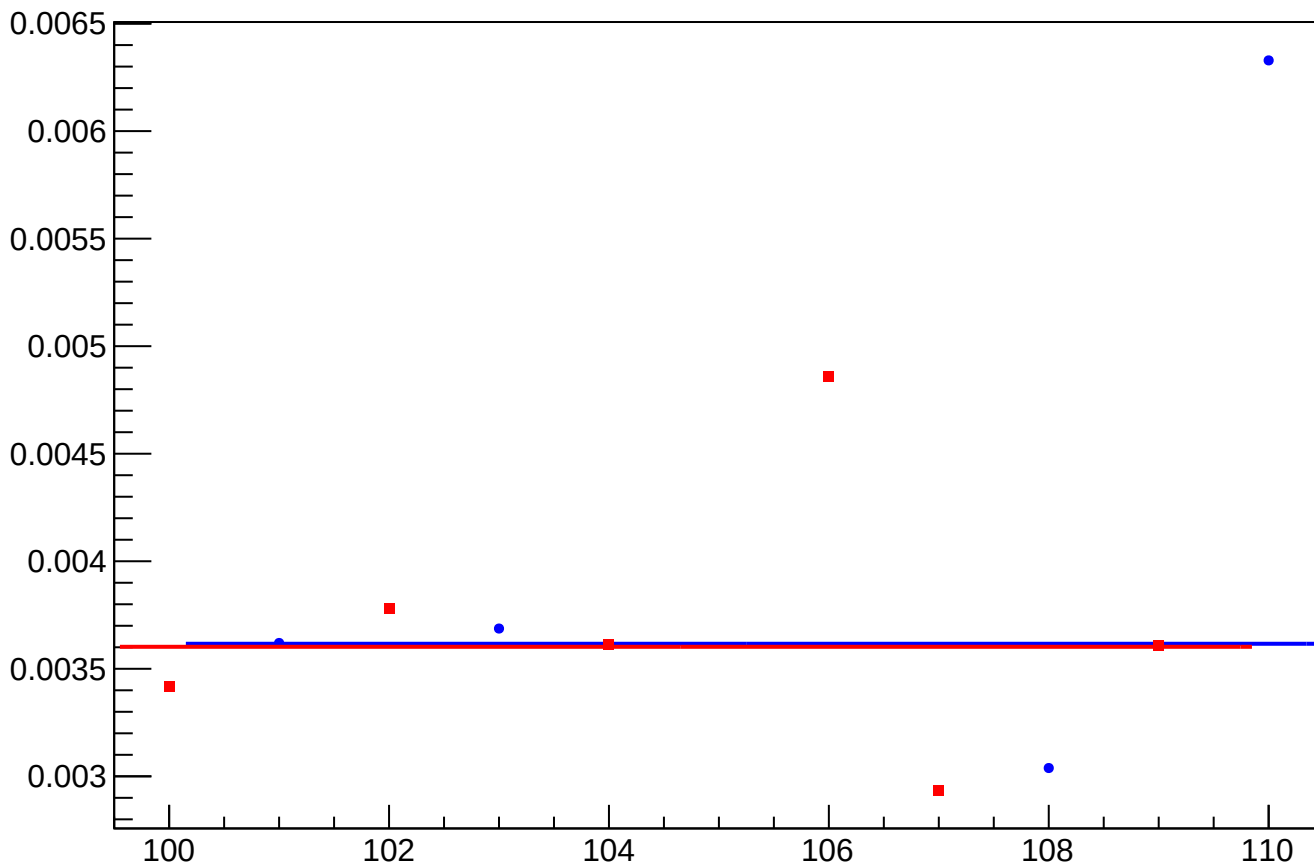
Right: -0.375+/-0.000 χ^2/NDF : 3093629652.3/9

In: -0.393+/-0.000 χ^2/NDF : 1218200045.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.375+/-0.000 χ^2/NDF : 3093629652.3/9

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 142988.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 57077.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

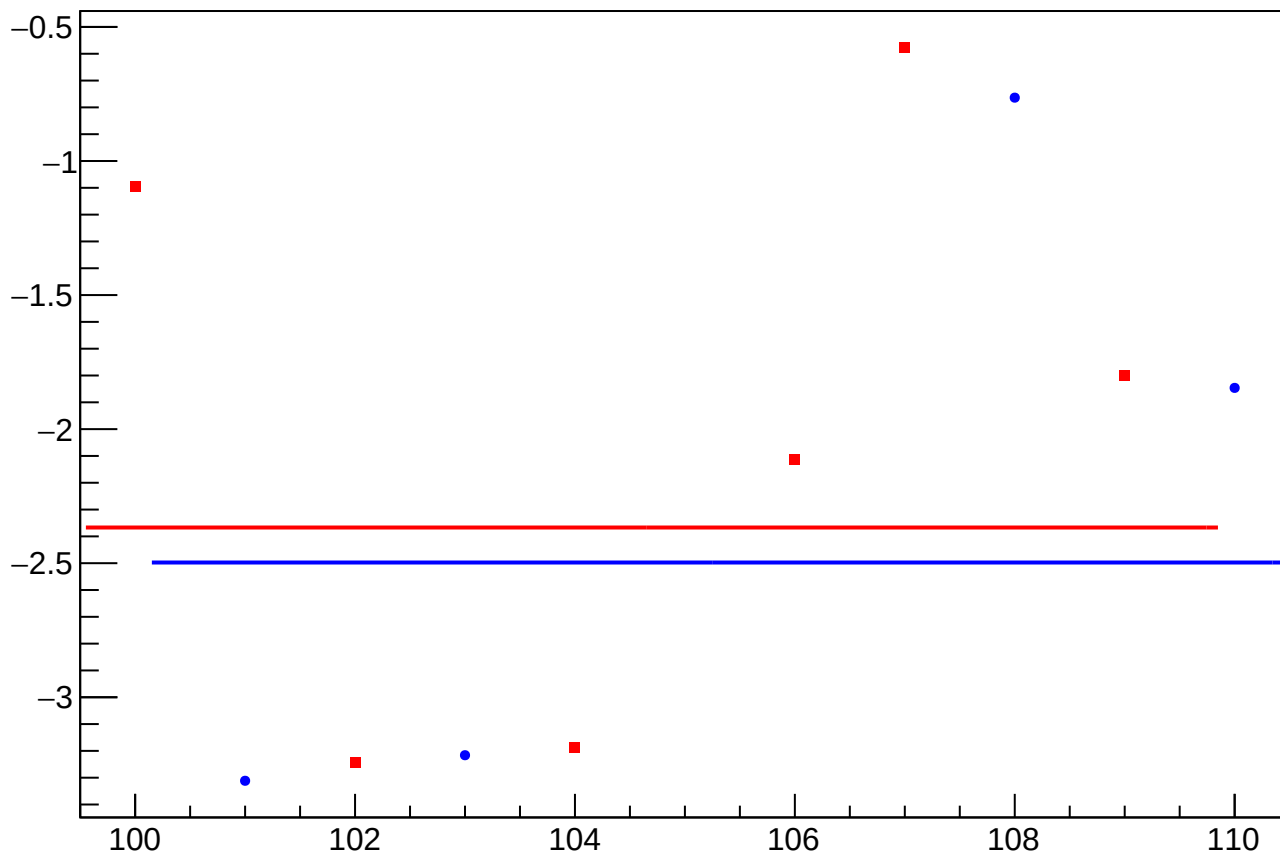
Right: 0.004+/-0.000 χ^2/NDF : 200095.8/9

In: 0.004+/-0.000 χ^2/NDF : 142988.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 200095.8/9

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -2.497+/-0.000 χ^2/NDF : 394555336.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.367+/-0.000 χ^2/NDF : 374325145.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

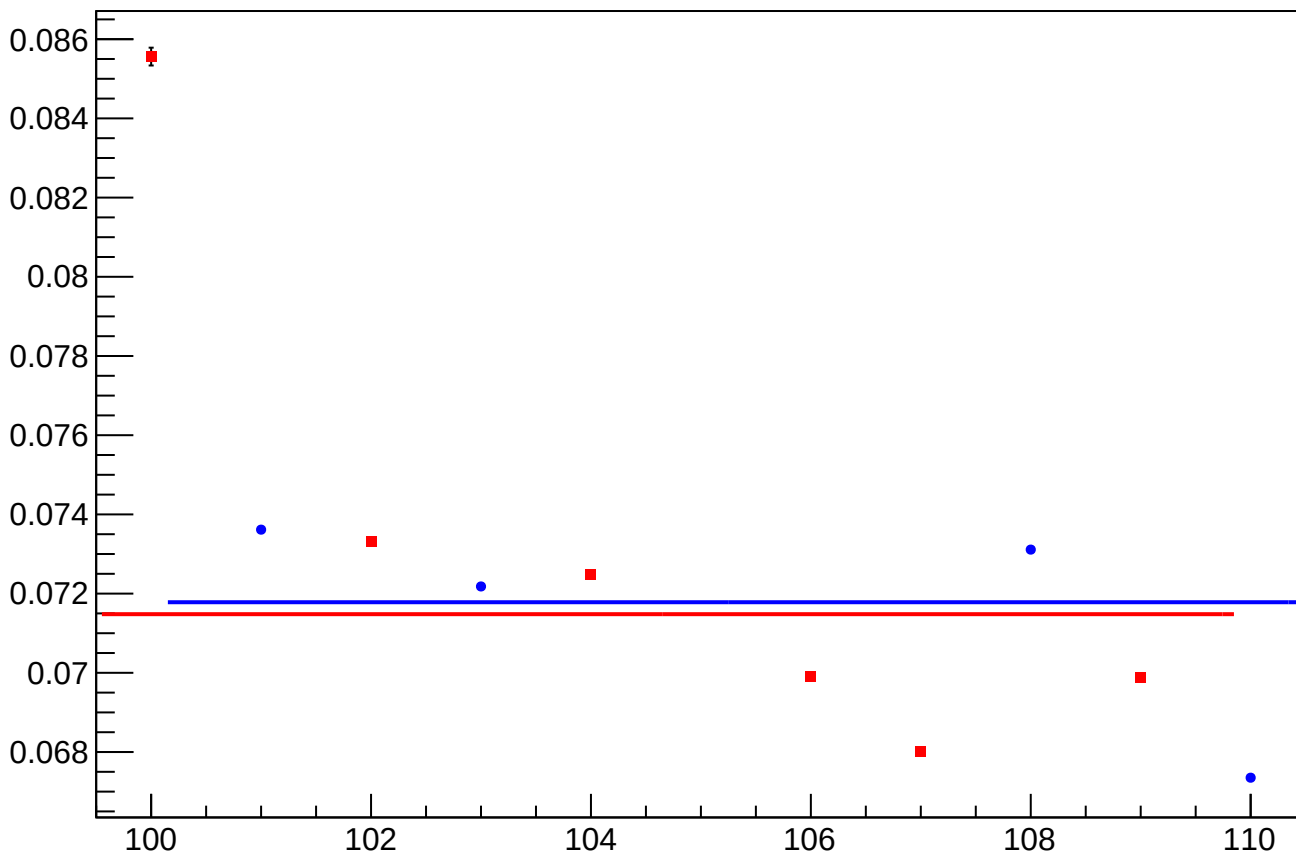
Right: -2.427+/-0.000 χ^2/NDF : 772450083.7/9

In: -2.497+/-0.000 χ^2/NDF : 394555336.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.427+/-0.000 χ^2/NDF : 772450083.7/9

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.072+/-0.000 χ^2/NDF : 4318.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.000 χ^2/NDF : 7026.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

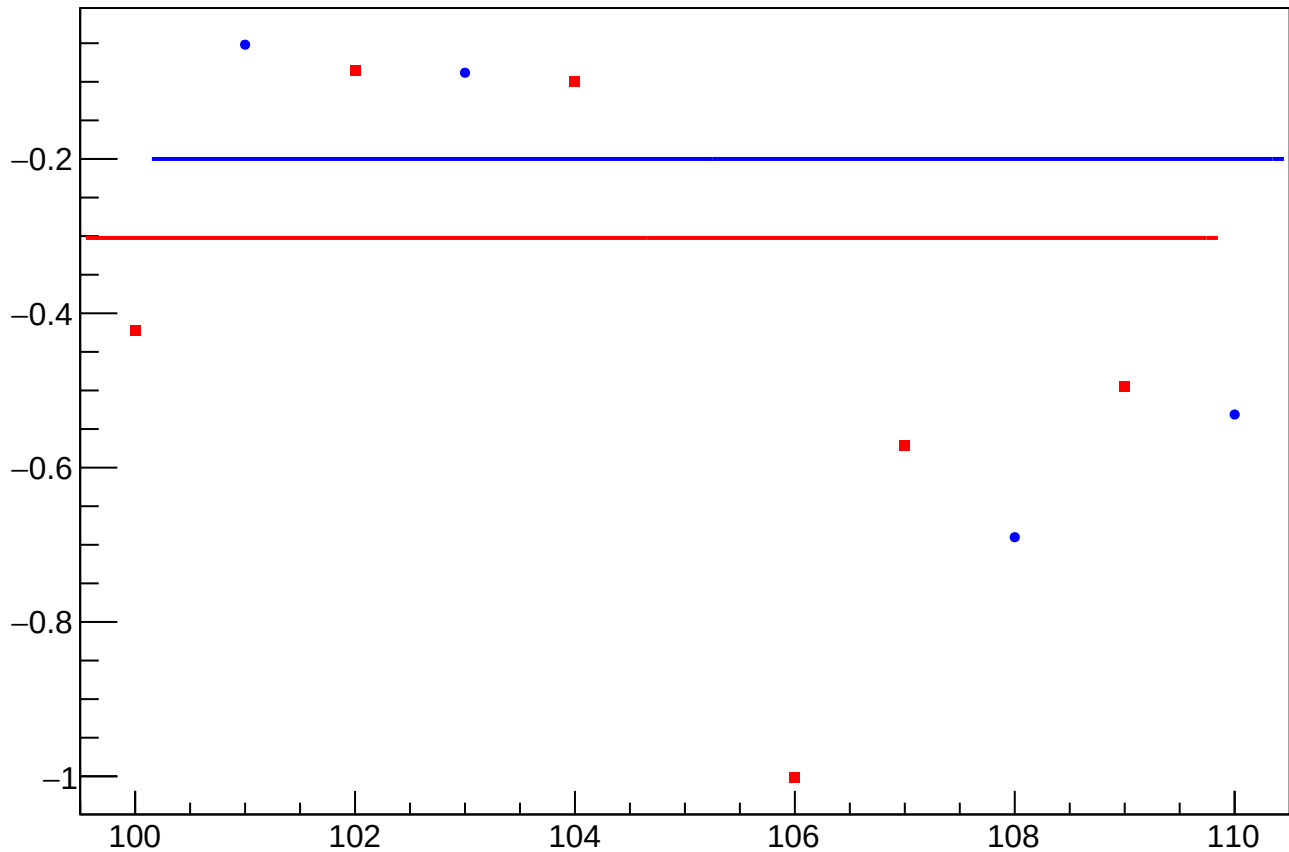
Right: 0.072+/-0.000 χ^2/NDF : 11383.3/9

In: 0.072+/-0.000 χ^2/NDF : 4318.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.000 χ^2/NDF : 11383.3/9

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.200+/-0.000 χ^2/NDF : 1122971970.3/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.302+/-0.000 χ^2/NDF : 2067862882.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

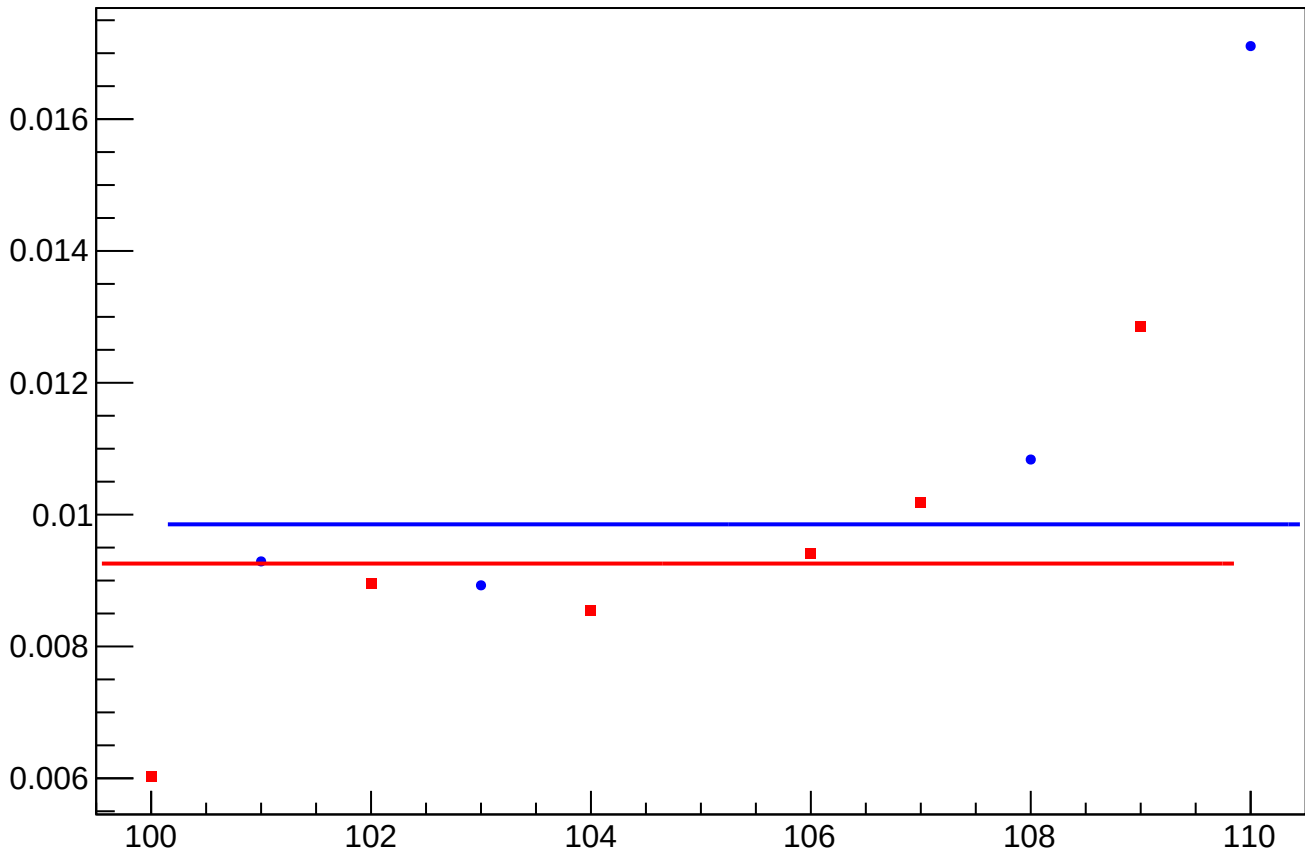
Right: -0.258+/-0.000 χ^2/NDF : 3301560212.5/9

In: -0.200+/-0.000 χ^2/NDF :1122971970.3/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.258+/-0.000 χ^2/NDF : 3301560212.5/9

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 135862.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 134130.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

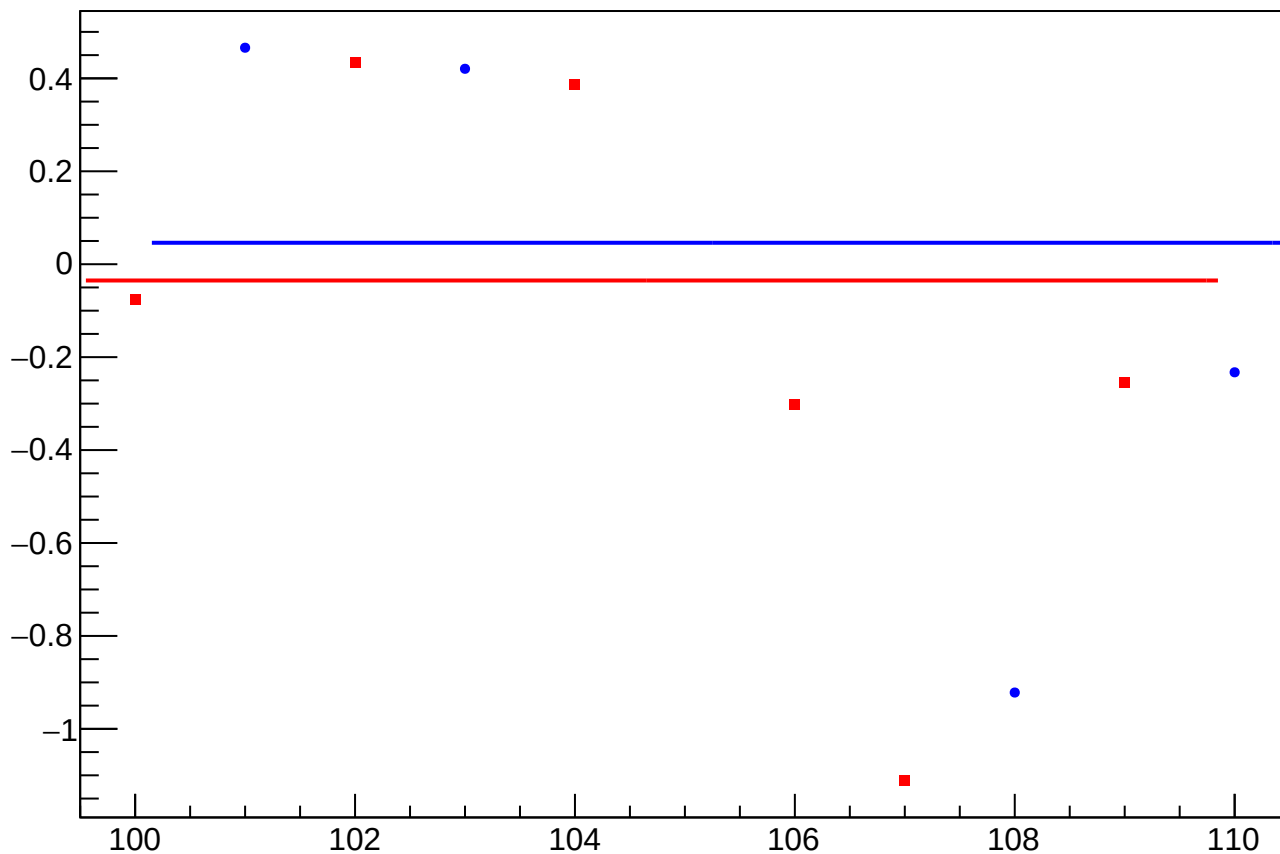
Right: 0.010+/-0.000 χ^2/NDF : 277476.8/9

In: 0.010+/-0.000 χ^2/NDF : 135862.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 277476.8/9

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.000 χ^2/NDF : 75401156.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.035+/-0.000 χ^2/NDF : 74019417.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

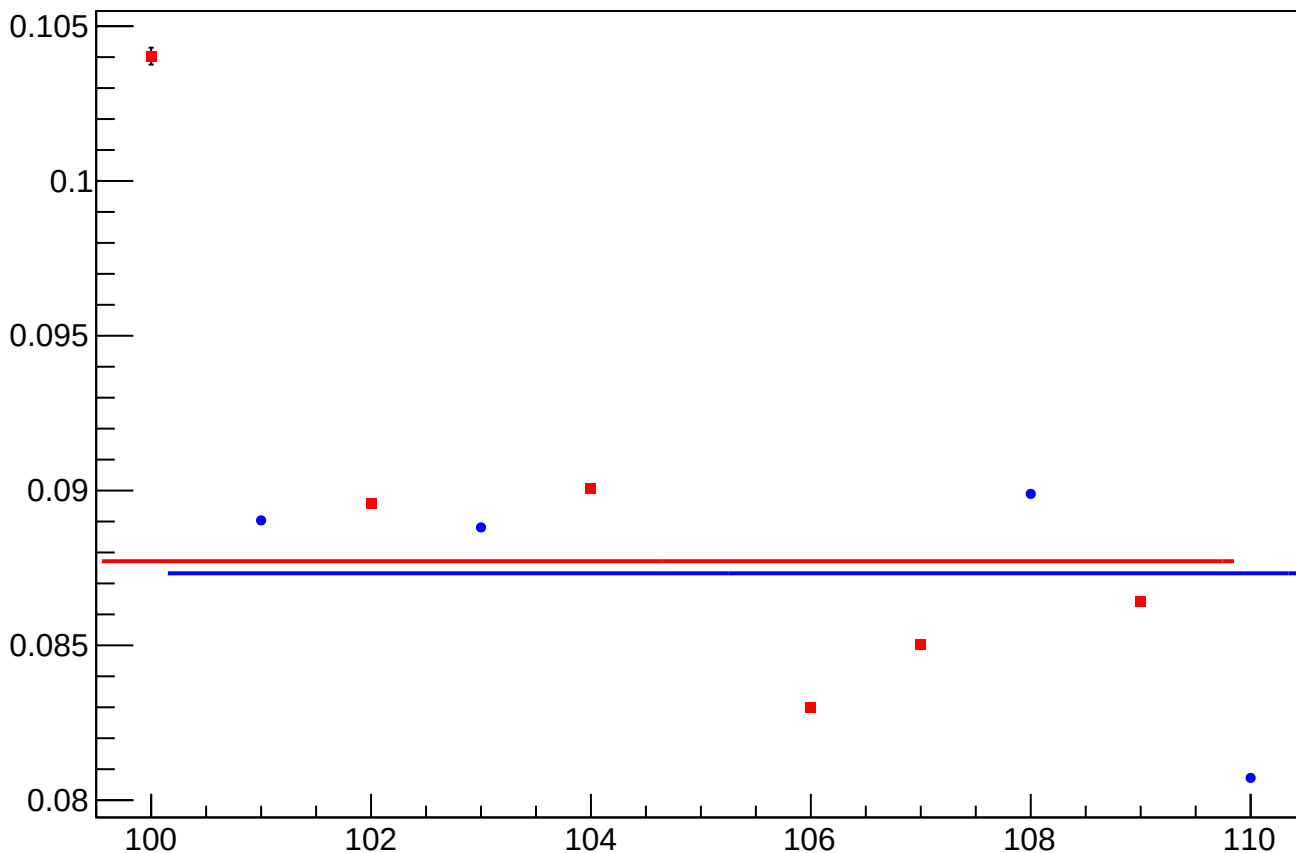
Right: 0.003+/-0.000 χ^2/NDF : 150352259.8/9

In: 0.046+/-0.000 χ^2/NDF : 75401156.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 150352259.8/9

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 6475.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.088+/-0.000 χ^2/NDF : 7614.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

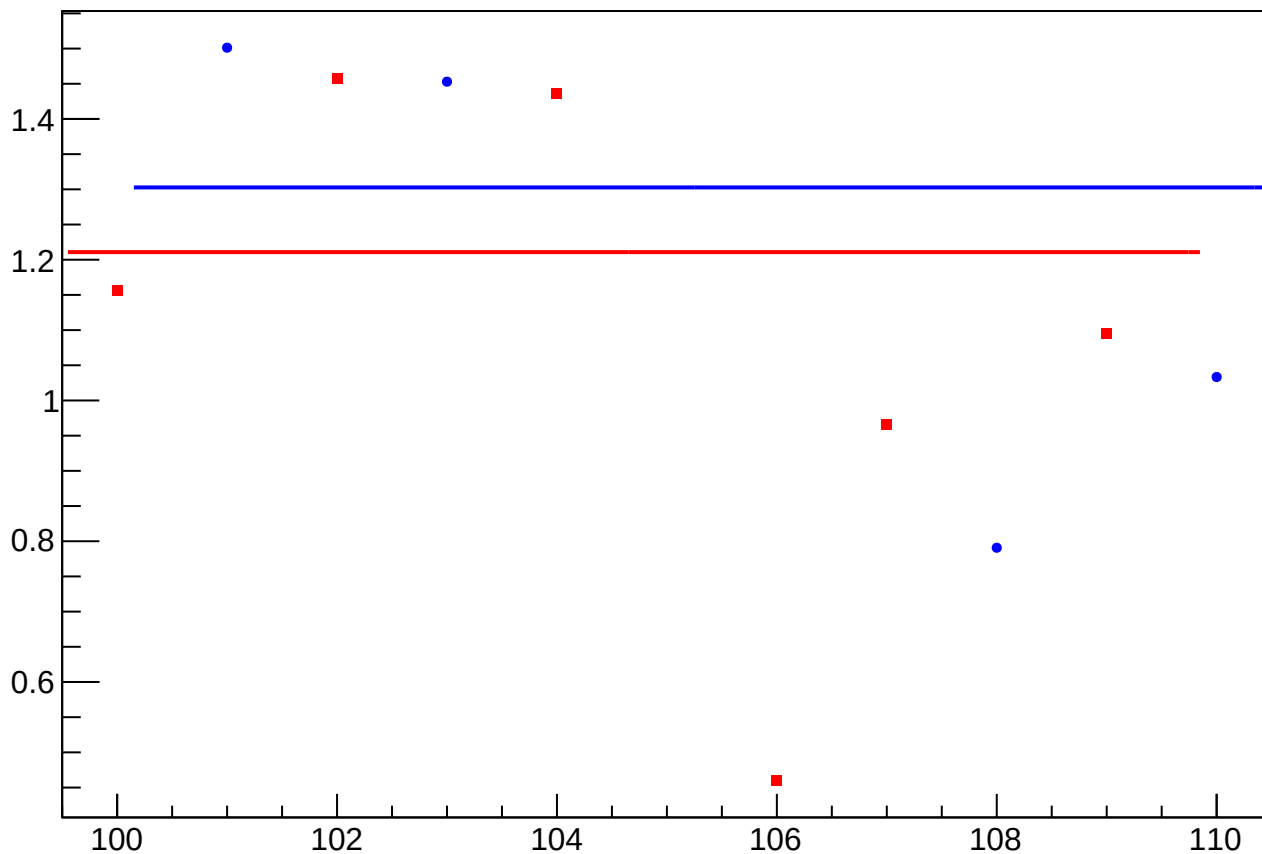
Right: 0.088+/-0.000 χ^2/NDF : 14133.3/9

In: 0.087+/-0.000 χ^2/NDF : 6475.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.088+/-0.000 χ^2/NDF : 14133.3/9

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.303+/-0.000 χ^2/NDF : 798741285.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.211+/-0.000 χ^2/NDF : 1220807584.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

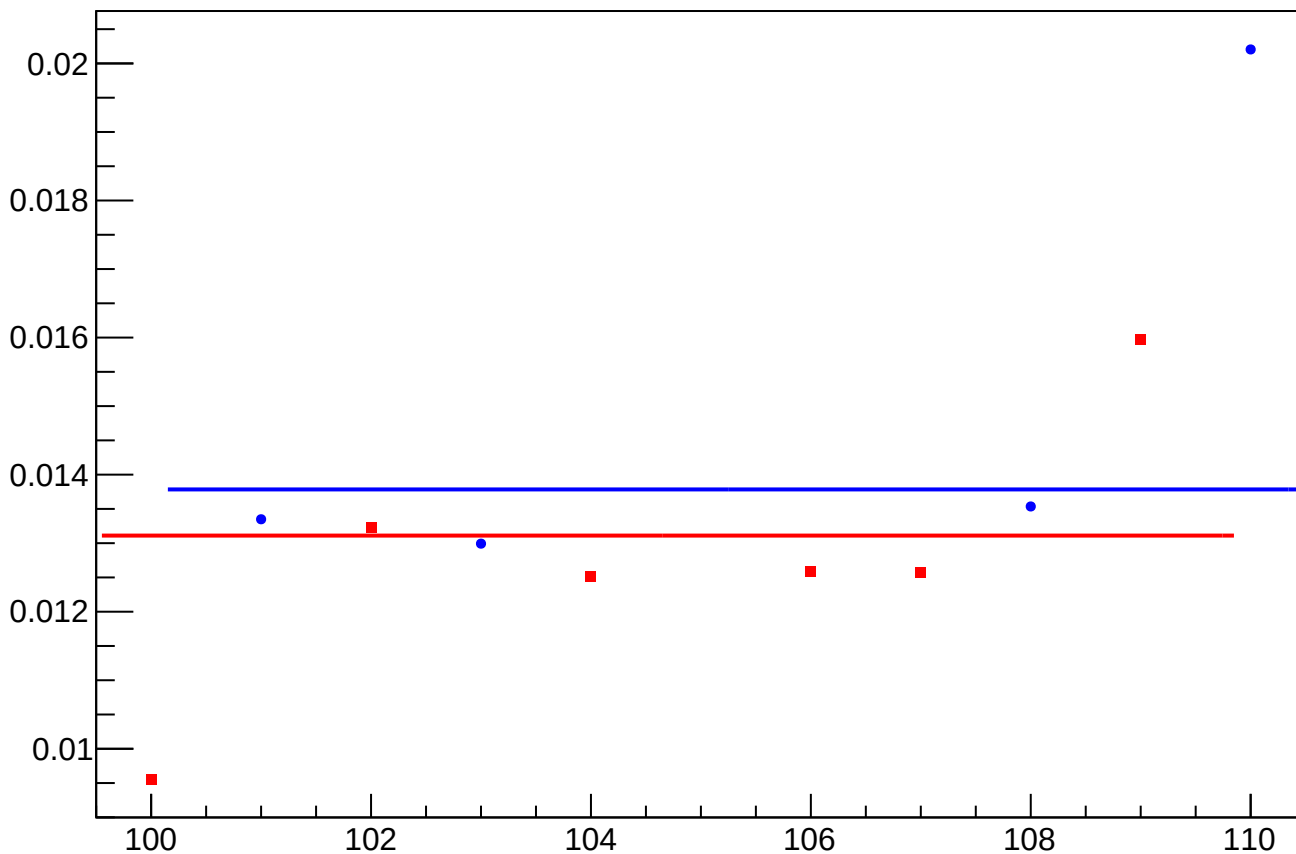
Right: 1.252+/-0.000 χ^2/NDF : 2065543458.5/9

In: 1.303+/-0.000 χ^2/NDF : 798741285.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.252+/-0.000 χ^2/NDF : 2065543458.5/9

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 67487.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 56531.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

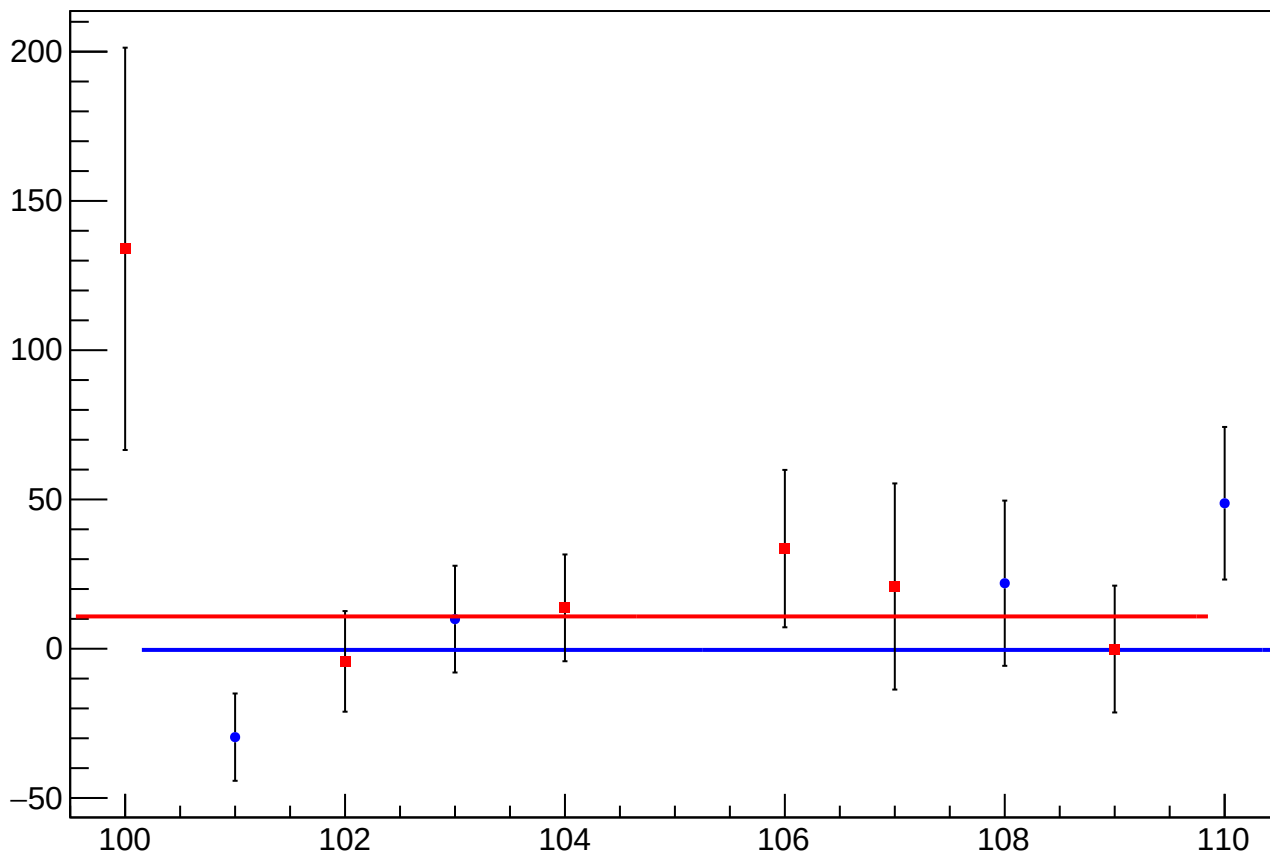
Right: 0.013+/-0.000 χ^2/NDF : 128958.2/9

In: 0.014+/-0.000 χ^2/NDF : 67487.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 128958.2/9

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.397+/-9.694 χ^2/NDF : 8.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.817+/-9.382 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

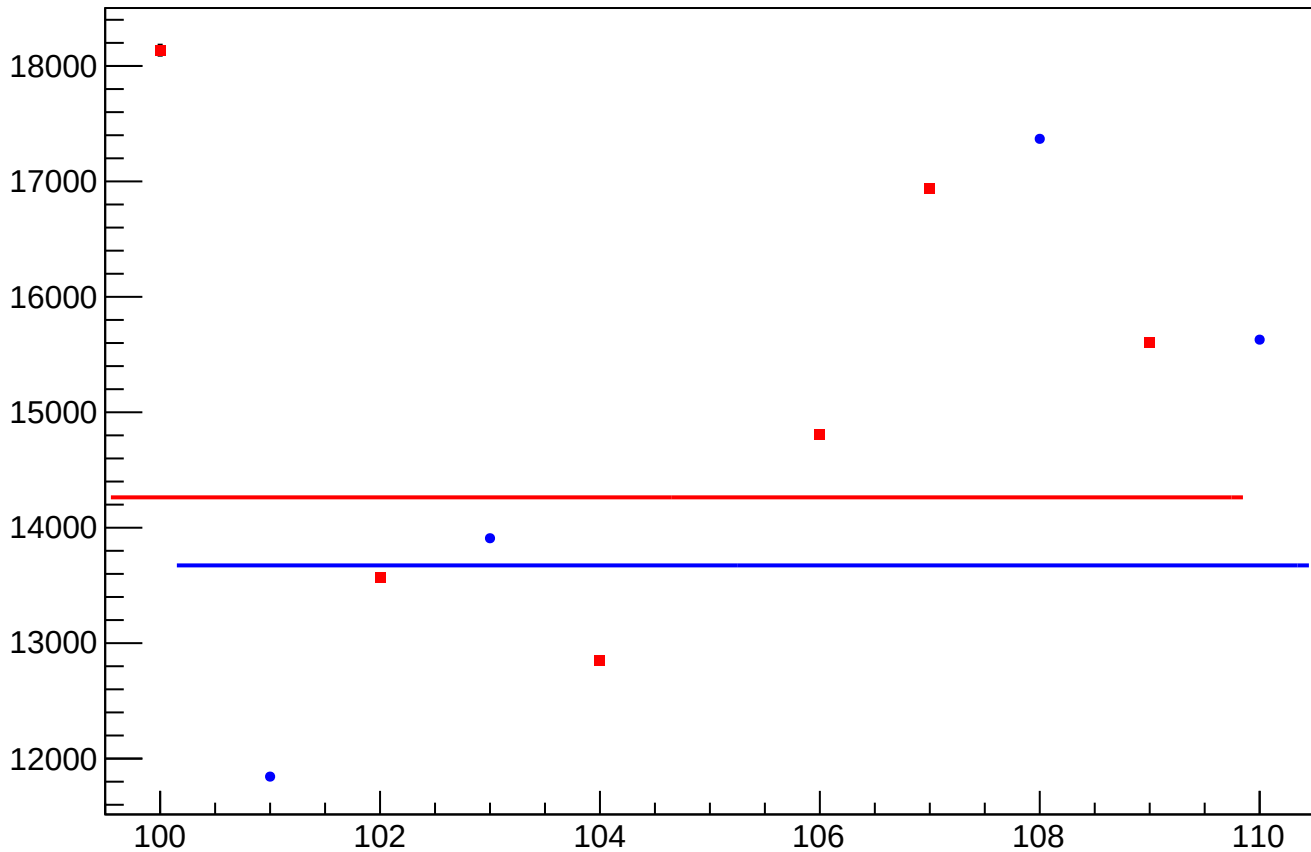
Right: 5.393+/-6.742 χ^2/NDF : 14.6/9

In: -0.397+/-9.694 χ^2/NDF : 8.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.393+/-6.742 χ^2/NDF : 14.6/9

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 13673.562+/-6.855 χ^2/NDF : 79027.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14263.044+/-6.634 χ^2/NDF : 43407.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

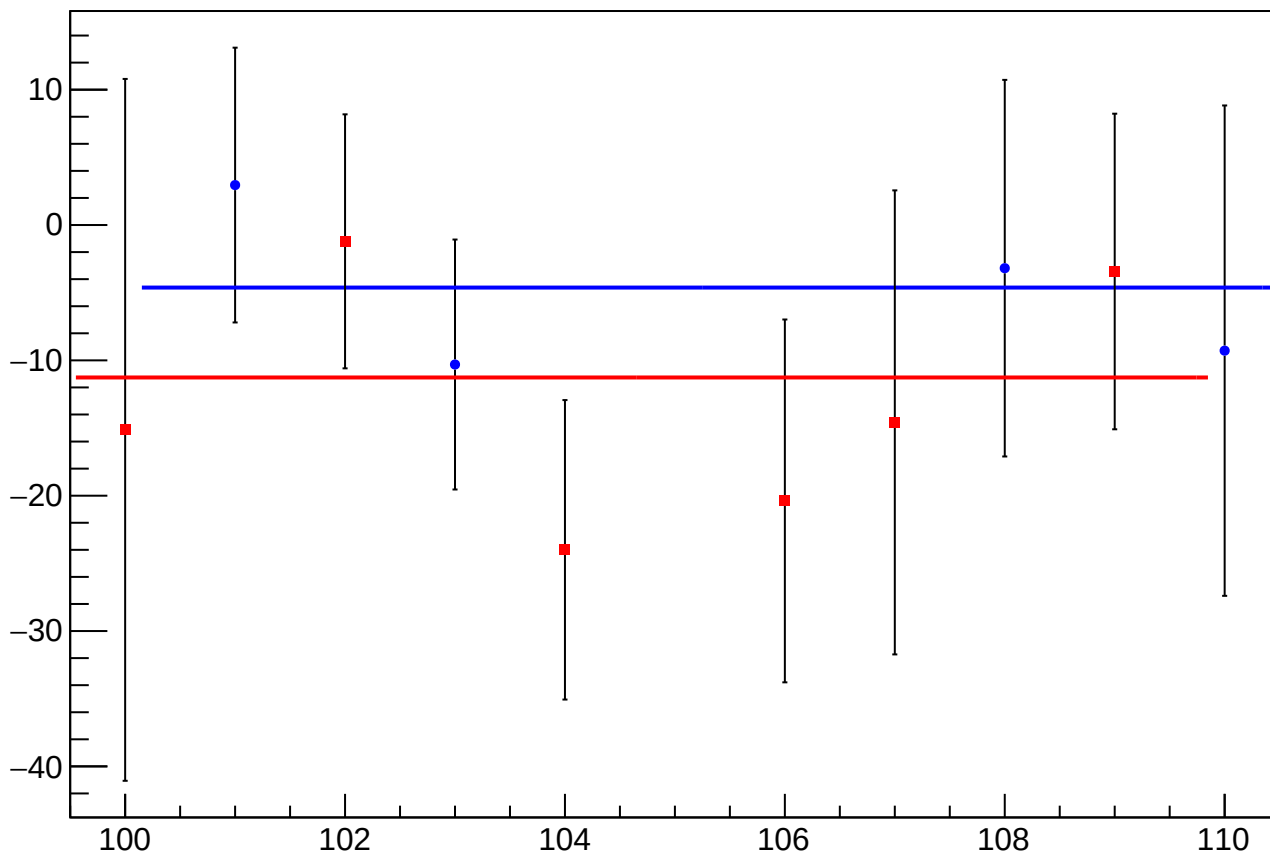
Right: 13977.940+/-4.767 χ^2/NDF : 126253.5/9

In: 13673.562+/-6.855 χ^2/NDF : 79027.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13977.940+/-4.767 χ^2/NDF : 126253.5/9

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.621+/-5.808 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.265+/-5.175 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

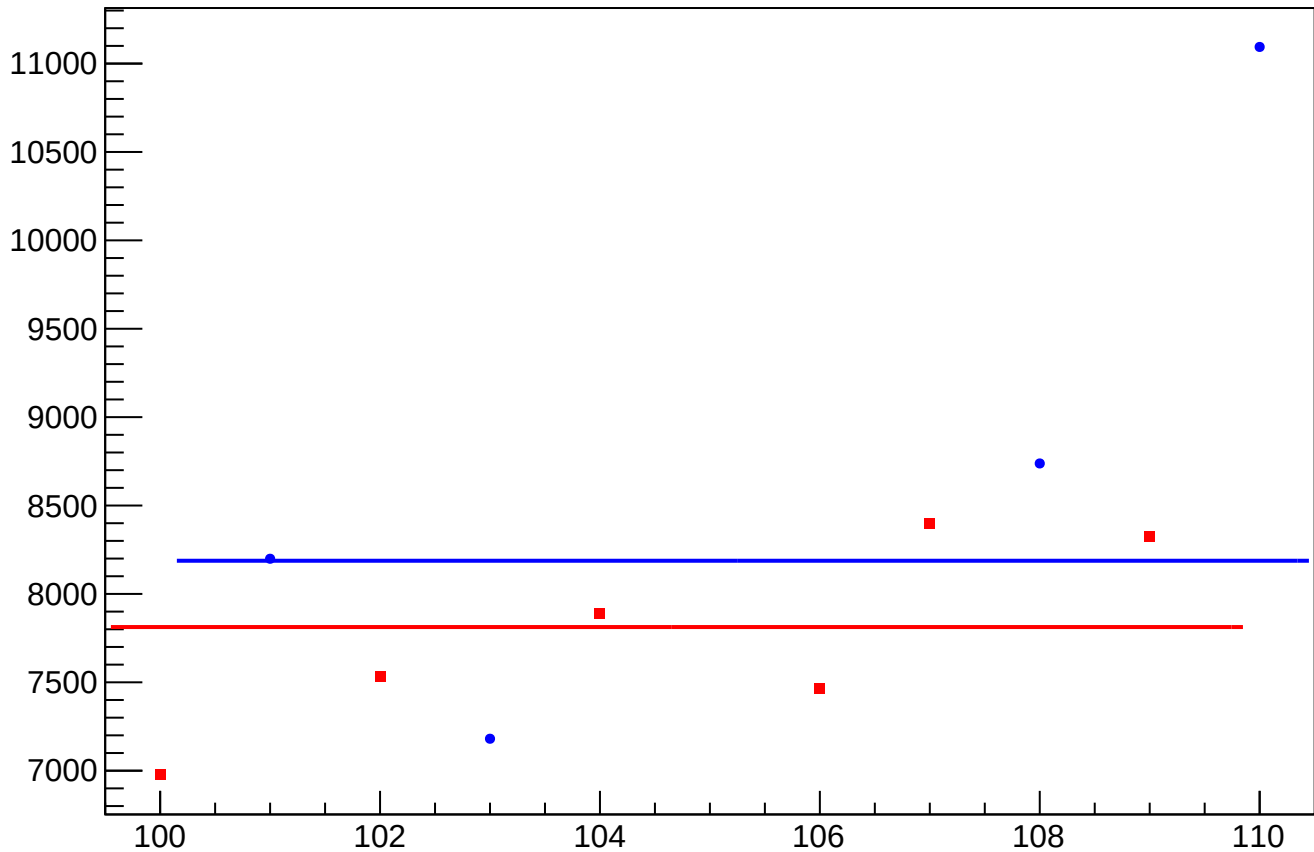
Right: -8.325+/-3.864 χ^2/NDF : 5.2/9

In: -4.621+/-5.808 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.325+/-3.864 χ^2/NDF : 5.2/9

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8187.661+/-4.107 χ^2/NDF : 78389.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7812.625+/-3.660 χ^2/NDF : 11477.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

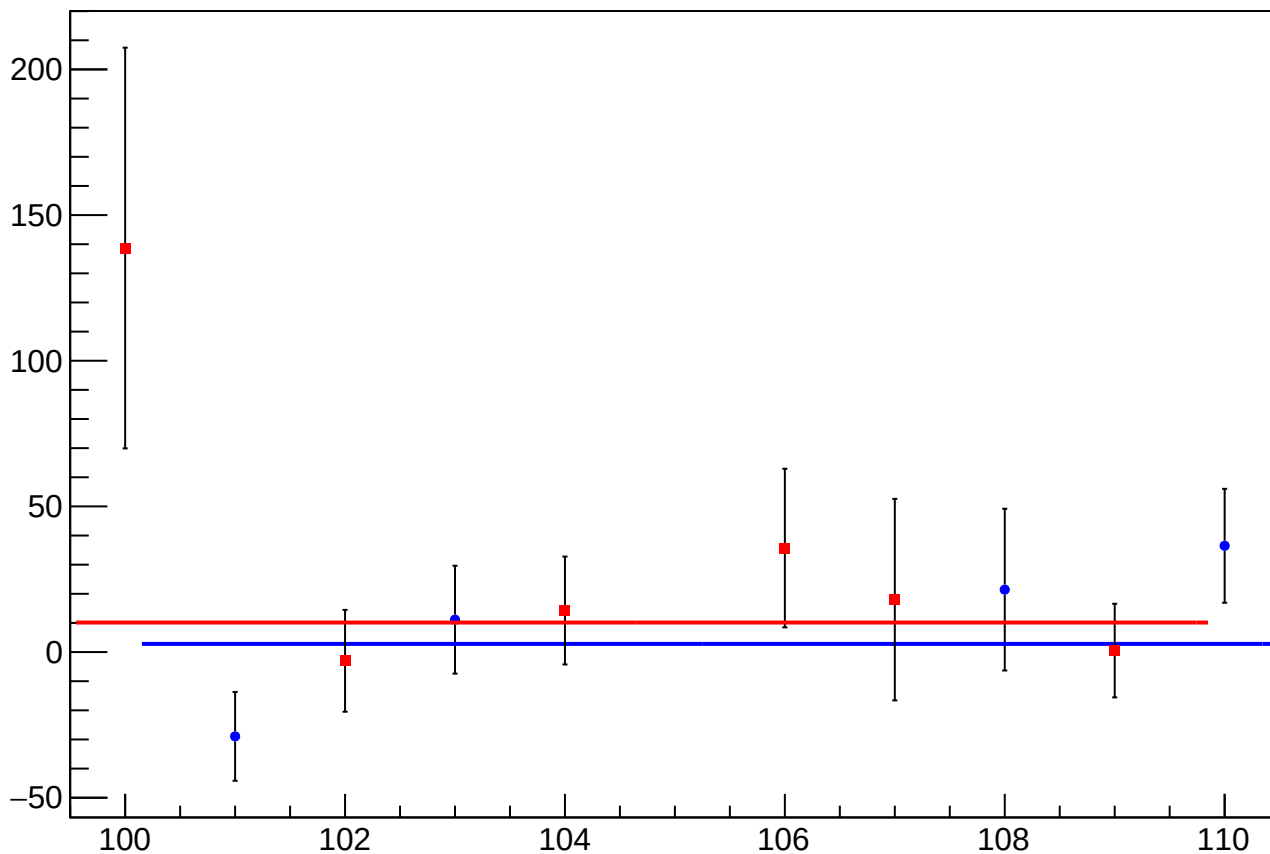
Right: 7978.612+/-2.732 χ^2/NDF : 94515.5/9

In: 8187.661+/-4.107 χ^2/NDF : 78389.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7978.612+/-2.732 χ^2/NDF : 94515.5/9

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 2.800+/-9.478 χ^2/NDF : 8.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.134+/-8.958 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

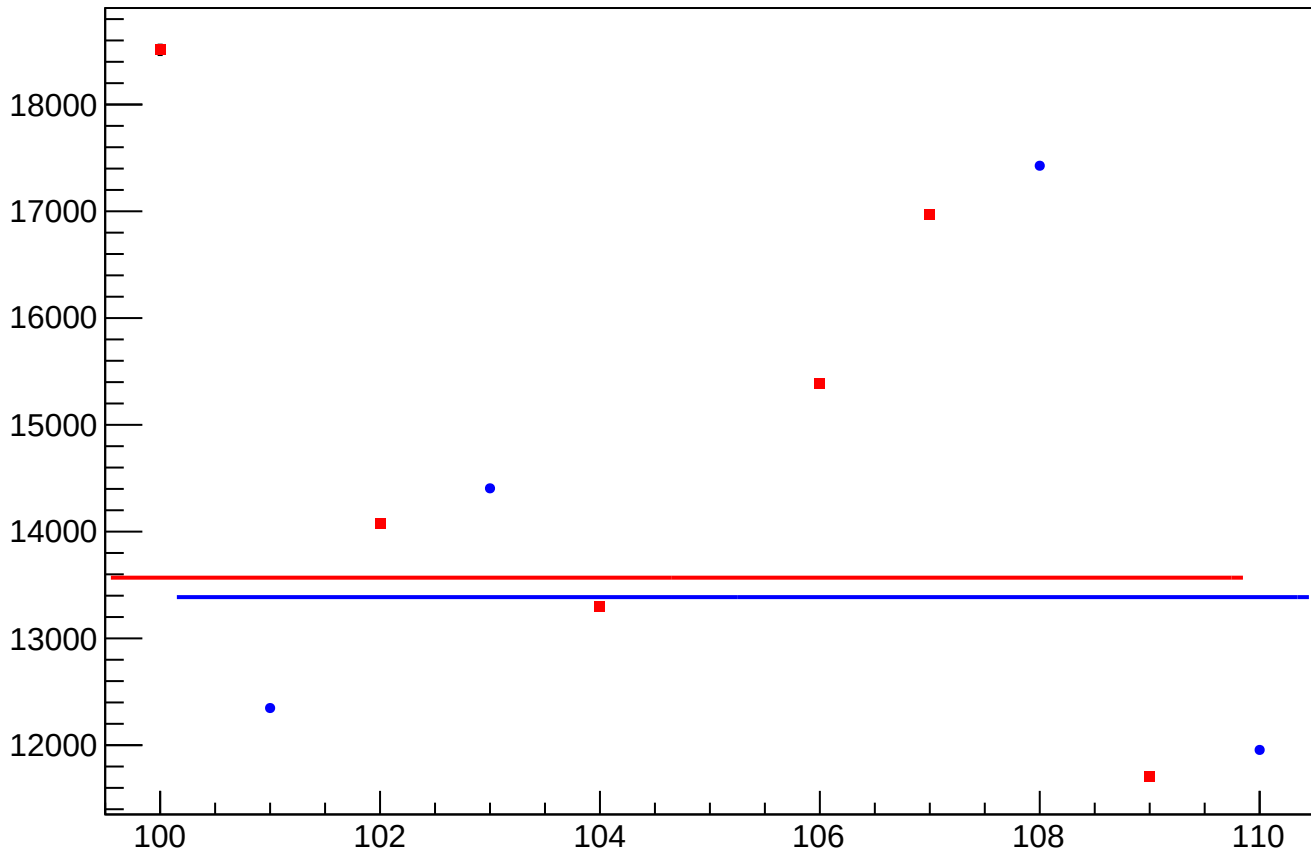
Right: 6.674+/-6.510 χ^2/NDF : 13.7/9

In: 2.800+/-9.478 χ^2/NDF : 8.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.674+/-6.510 χ^2/NDF : 13.7/9

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13386.539+/-6.702 χ^2/NDF : 68407.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13568.746+/-6.334 χ^2/NDF : 67588.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

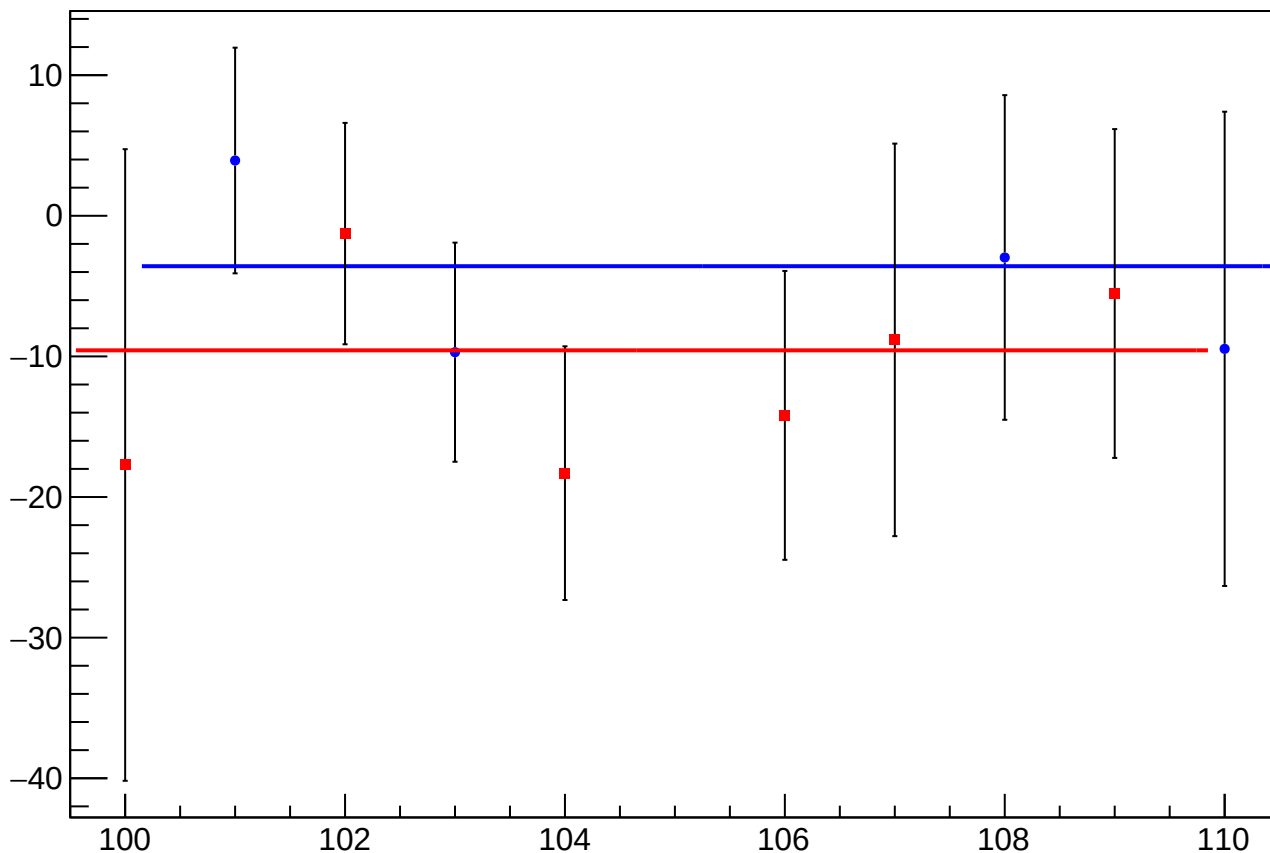
Right: 13482.775+/-4.604 χ^2/NDF : 136386.2/9

In: 13386.539+/-6.702 χ^2/NDF : 68407.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13482.775+/-4.604 χ^2/NDF : 136386.2/9

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -3.585+/-4.821 χ^2/NDF : 1.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.569+/-4.371 χ^2/NDF : 2.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

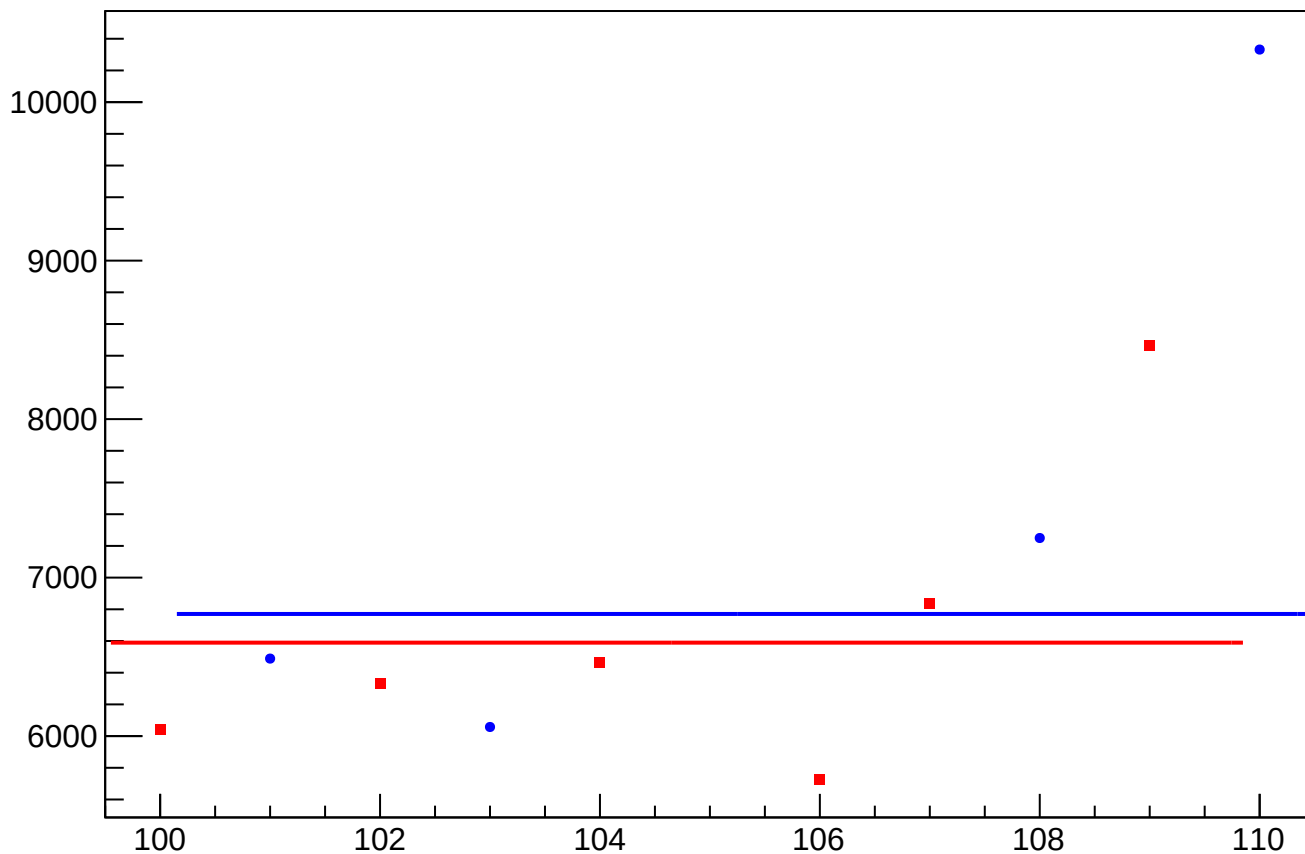
Right: -6.869+/-3.238 χ^2/NDF : 5.0/9

In: -3.585+/-4.821 χ^2/NDF : 1.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.869+/-3.238 χ^2/NDF : 5.0/9

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 6770.594+/-3.409 χ^2/NDF : 111849.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6589.614+/-3.091 χ^2/NDF : 70087.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

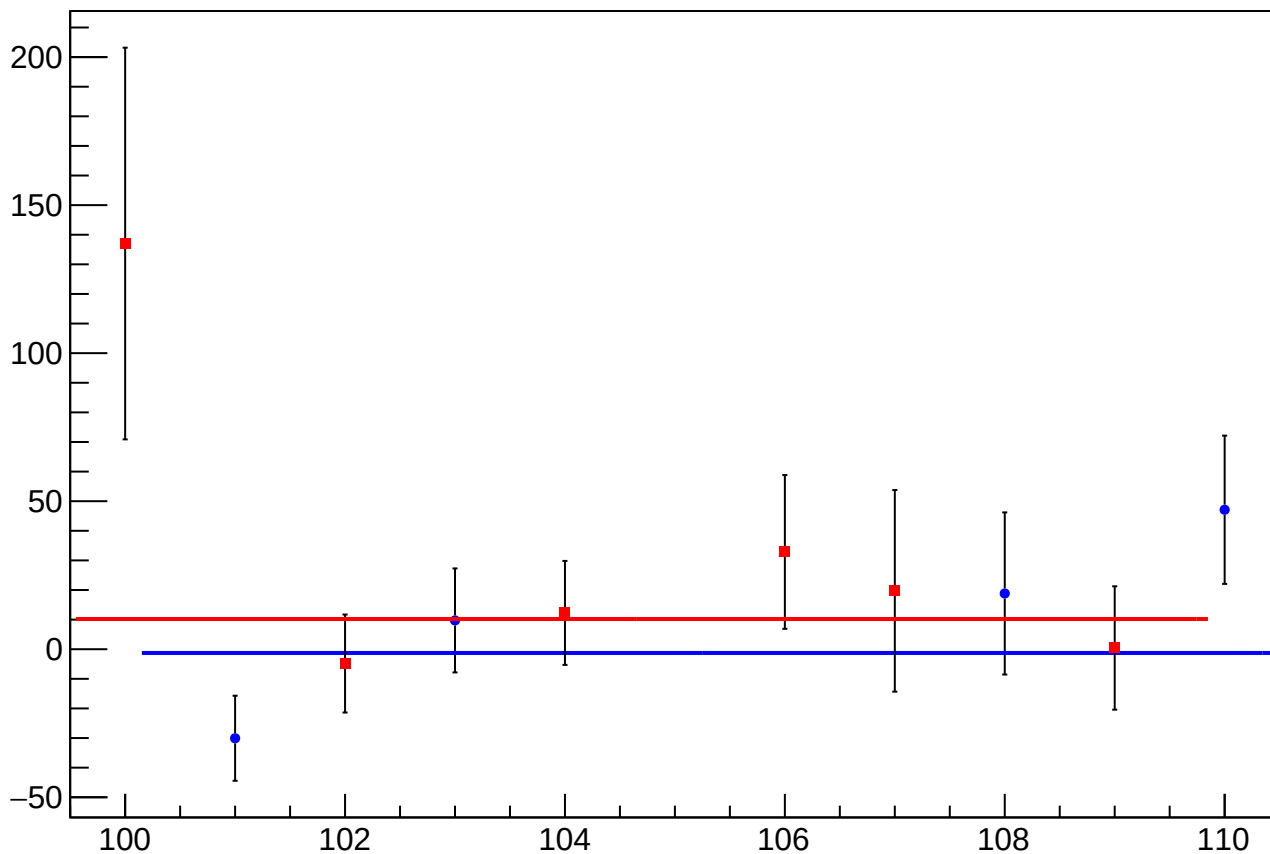
Right: 6671.269+/-2.290 χ^2/NDF : 183483.8/9

In: 6770.594+/-3.409 χ^2/NDF : 111849.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6671.269+/-2.290 χ^2/NDF : 183483.8/9

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.261+/-9.528 χ^2/NDF : 8.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.208+/-9.217 χ^2/NDF : 5.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

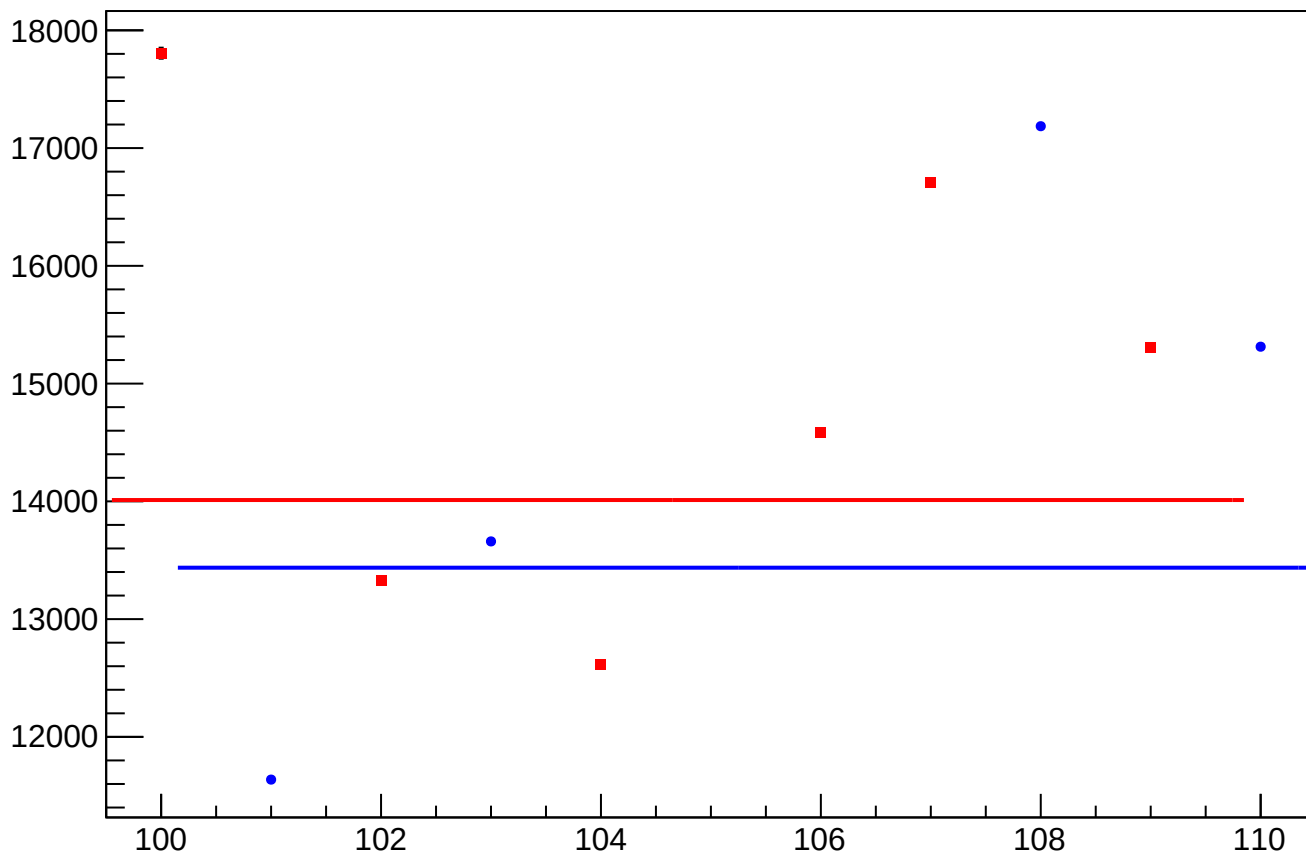
Right: 4.663+/-6.625 χ^2/NDF : 15.0/9

In: -1.261+/-9.528 χ^2/NDF : 8.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.663+/-6.625 χ^2/NDF : 15.0/9

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13436.738+/-6.737 χ^2/NDF : 80423.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14011.268+/-6.518 χ^2/NDF : 43965.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

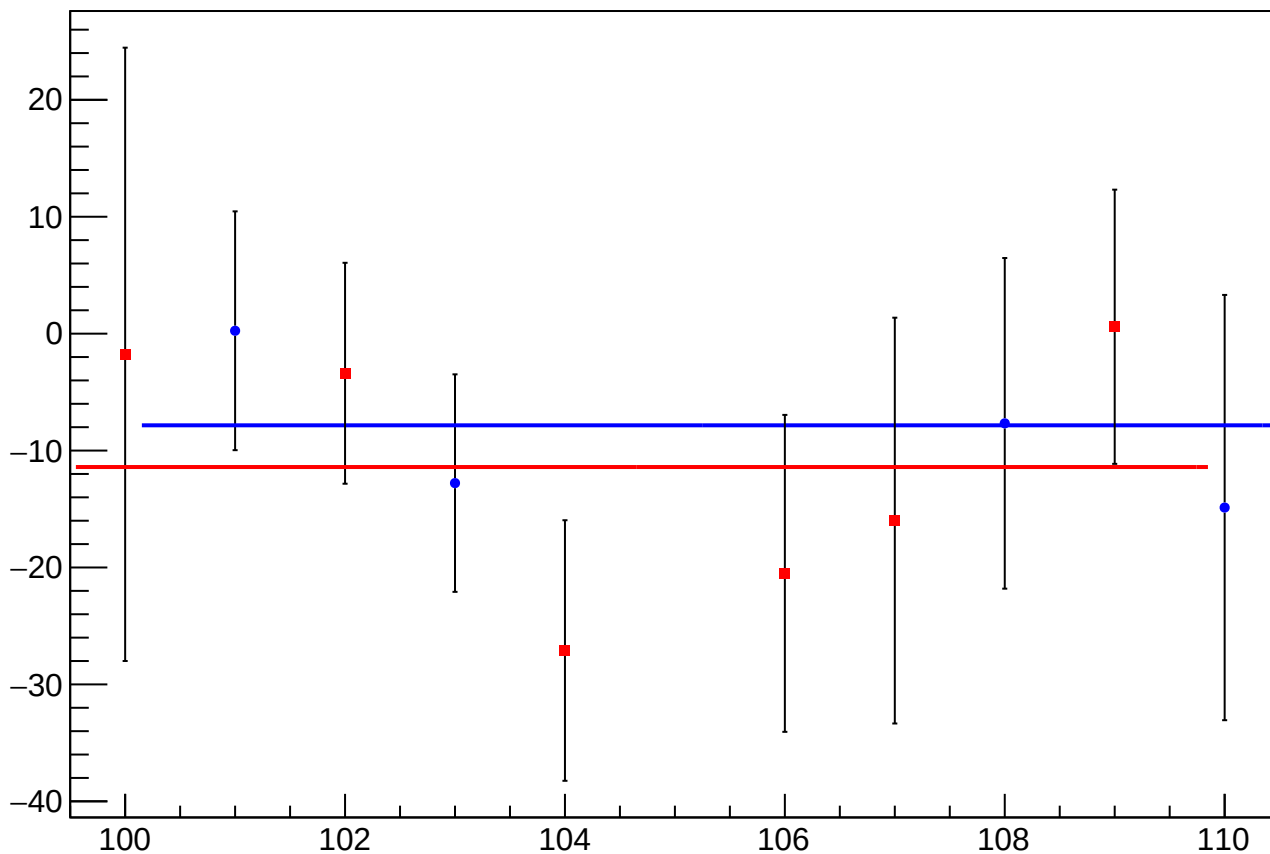
Right: 13733.516+/-4.684 χ^2/NDF : 128145.6/9

In: 13436.738+/-6.737 χ^2/NDF : 80423.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13733.516+/-4.684 χ^2/NDF : 128145.6/9

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -7.840+/-5.855 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.407+/-5.217 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

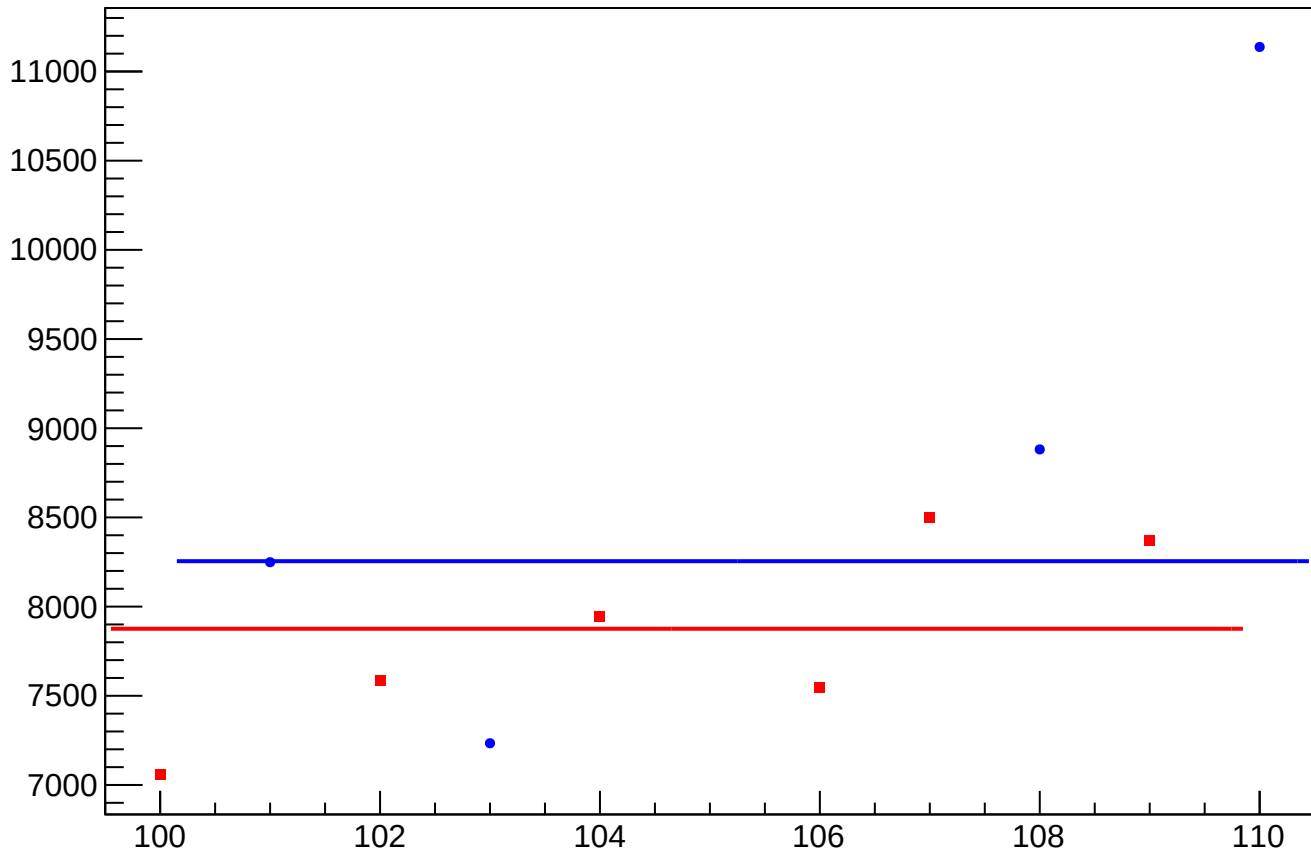
Right: -9.829+/-3.895 χ^2/NDF : 5.7/9

In: -7.840+/-5.855 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.829+/-3.895 χ^2/NDF : 5.7/9

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8254.676+/-4.140 χ^2/NDF : 78251.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7875.856+/-3.689 χ^2/NDF : 11263.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

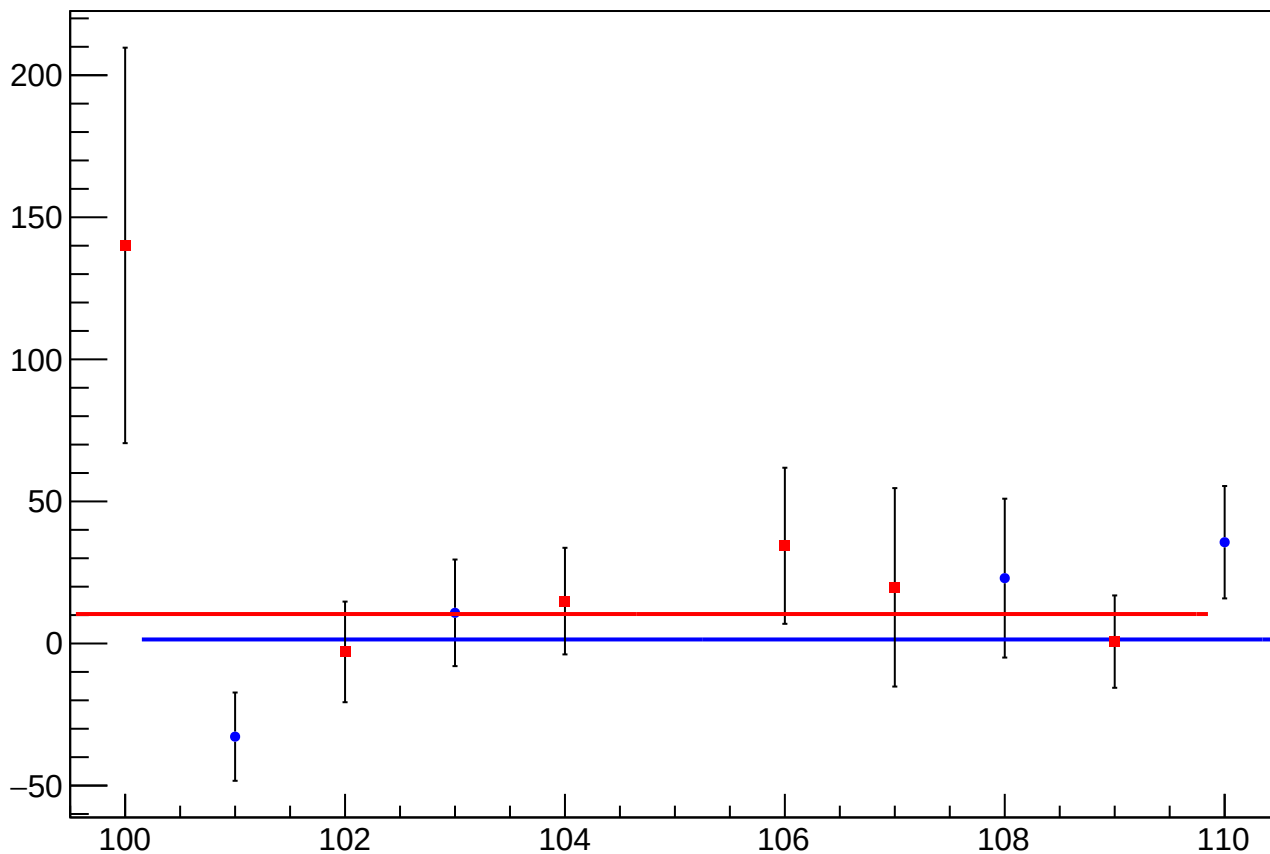
Right: 8043.494+/-2.754 χ^2/NDF : 94181.6/9

In: 8254.676+/-4.140 χ^2/NDF : 78251.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8043.494+/-2.754 χ^2/NDF : 94181.6/9

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 1.421+/-9.612 χ^2/NDF : 8.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.370+/-9.065 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

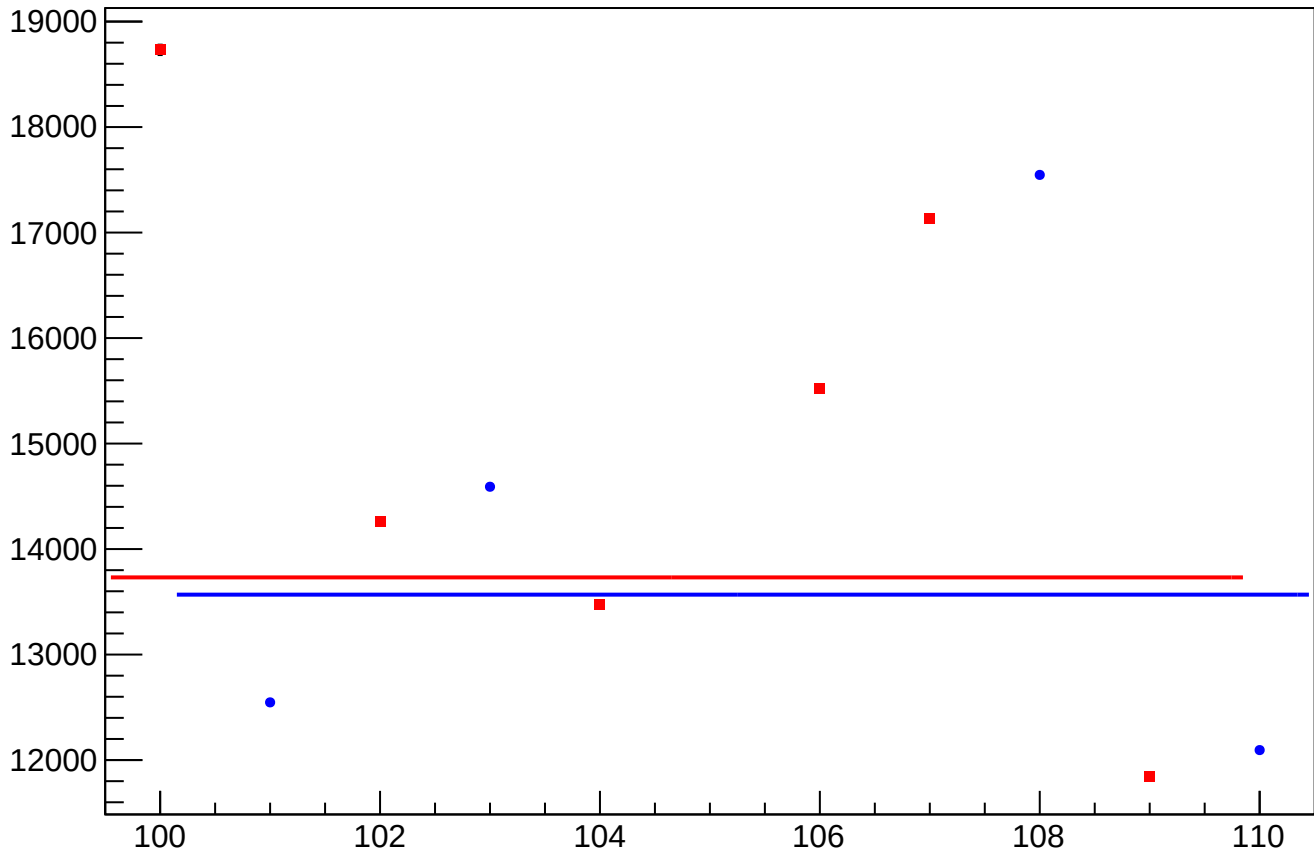
Right: 6.158+/-6.595 χ^2/NDF : 14.4/9

In: 1.421+/-9.612 χ^2/NDF : 8.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.158+/-6.595 χ^2/NDF : 14.4/9

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13567.954+/-6.797 χ^2/NDF : 66200.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13731.435+/-6.410 χ^2/NDF : 66978.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

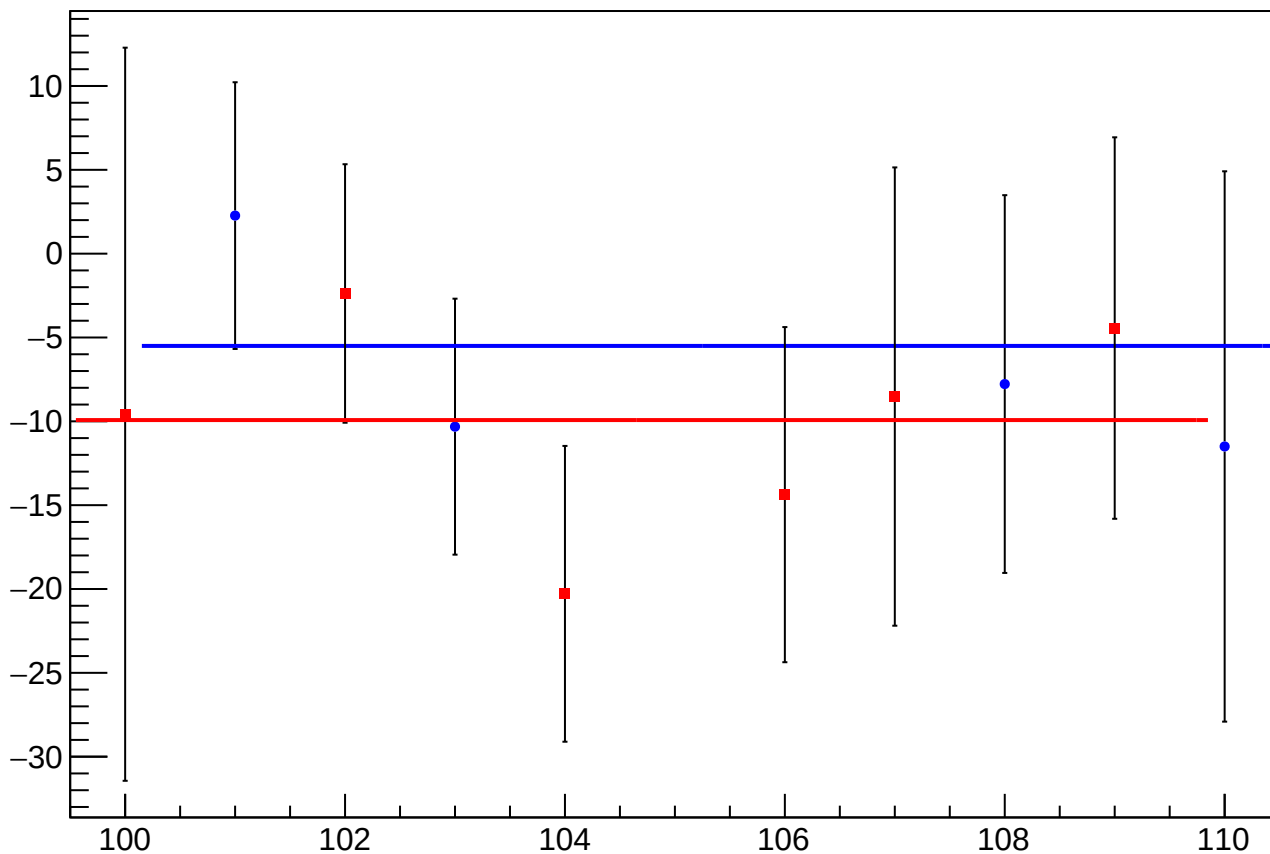
Right: 13654.482+/-4.663 χ^2/NDF : 133485.5/9

In: 13567.954+/-6.797 χ^2/NDF : 66200.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13654.482+/-4.663 χ^2/NDF : 133485.5/9

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -5.502 $\pm$ 4.737 χ^2 /NDF: 1.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.925 $\pm$ 4.269 χ^2 /NDF: 2.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

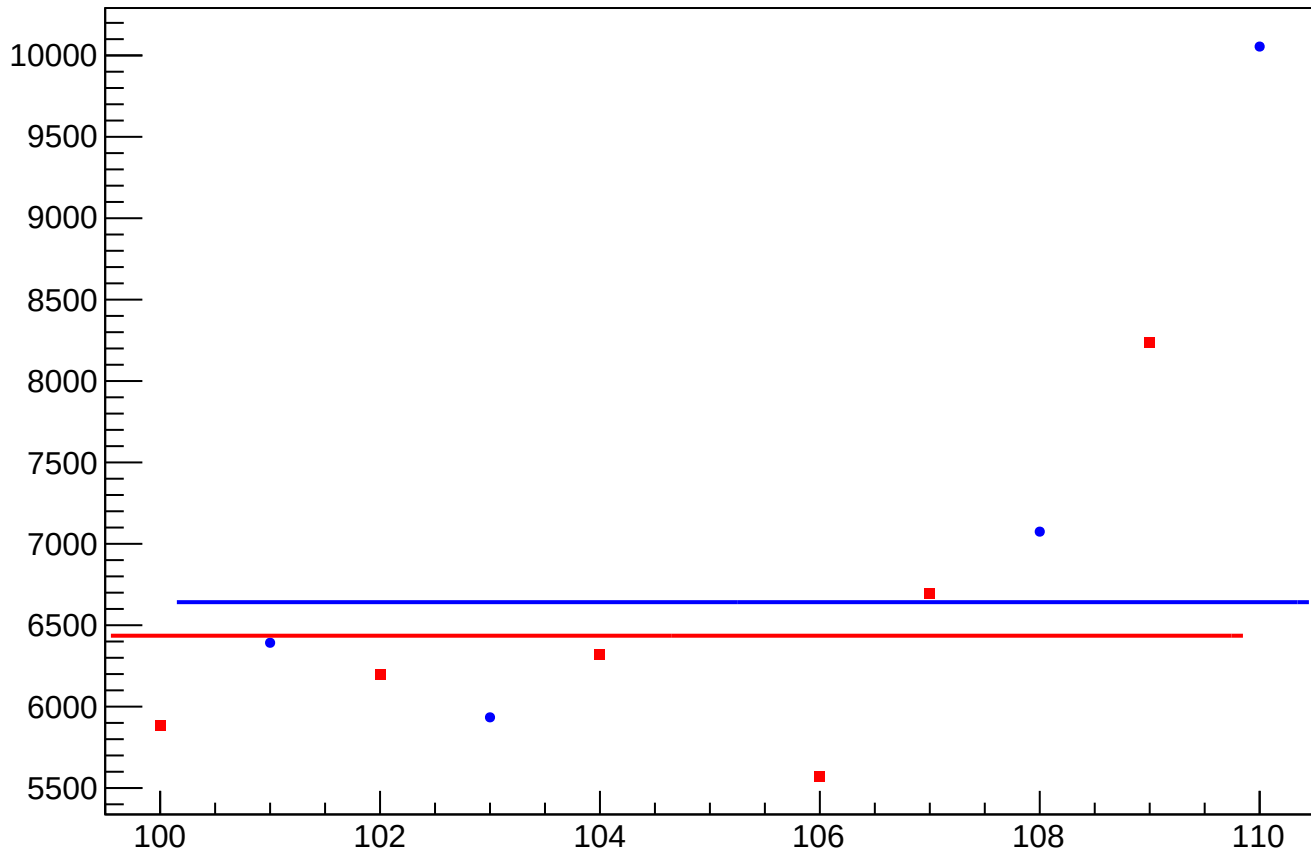
Right: -7.943 $\pm$ 3.171 χ^2 /NDF: 4.8/9

In: -5.502 $\pm$ 4.737 χ^2 /NDF:1.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.943 $\pm$ 3.171 χ^2 /NDF: 4.8/9

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6641.652+/-3.350 χ^2/NDF : 108596.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6435.611+/-3.019 χ^2/NDF : 69314.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

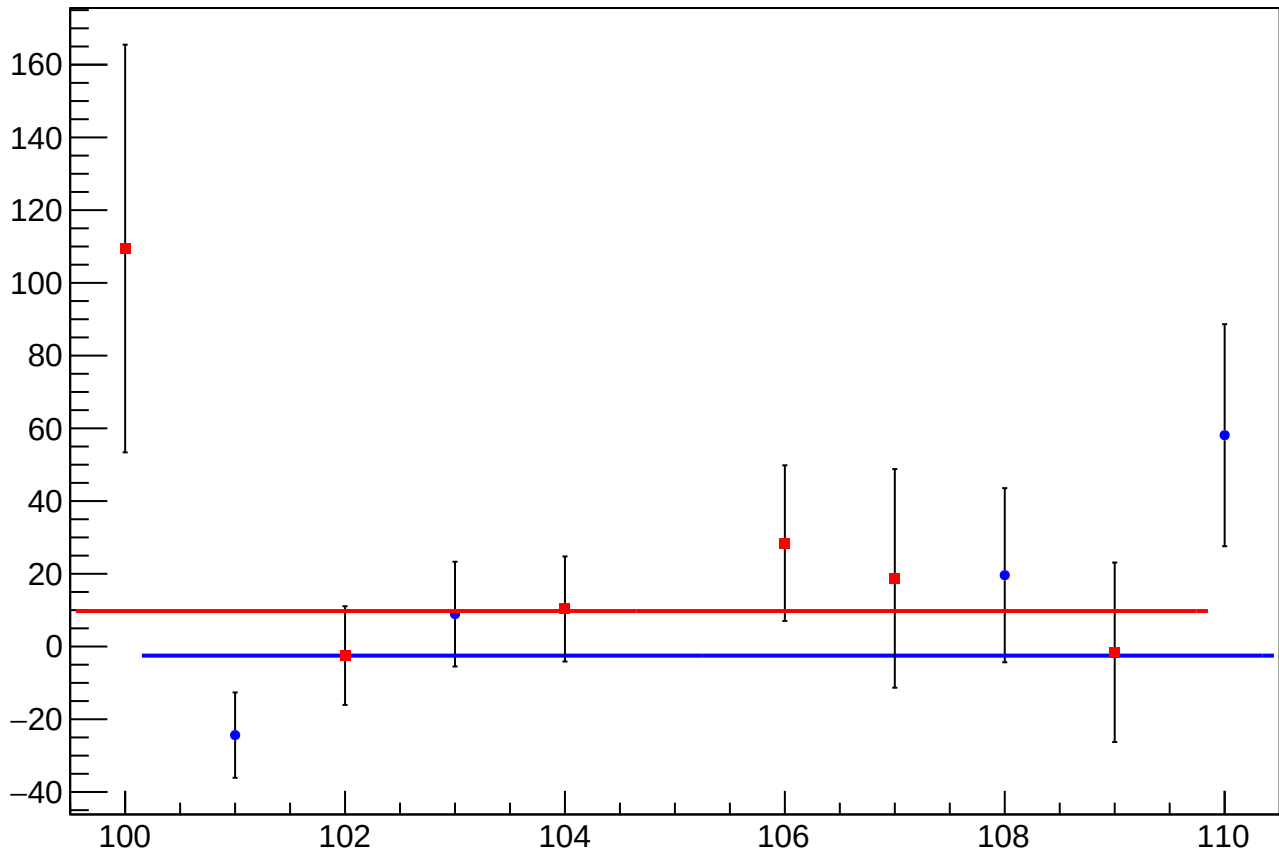
Right: 6527.956+/-2.242 χ^2/NDF : 179998.9/9

In: 6641.652+/-3.350 χ^2/NDF : 108596.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6527.956+/-2.242 χ^2/NDF : 179998.9/9

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -2.503+/-8.193 χ^2/NDF : 8.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.761+/-8.039 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

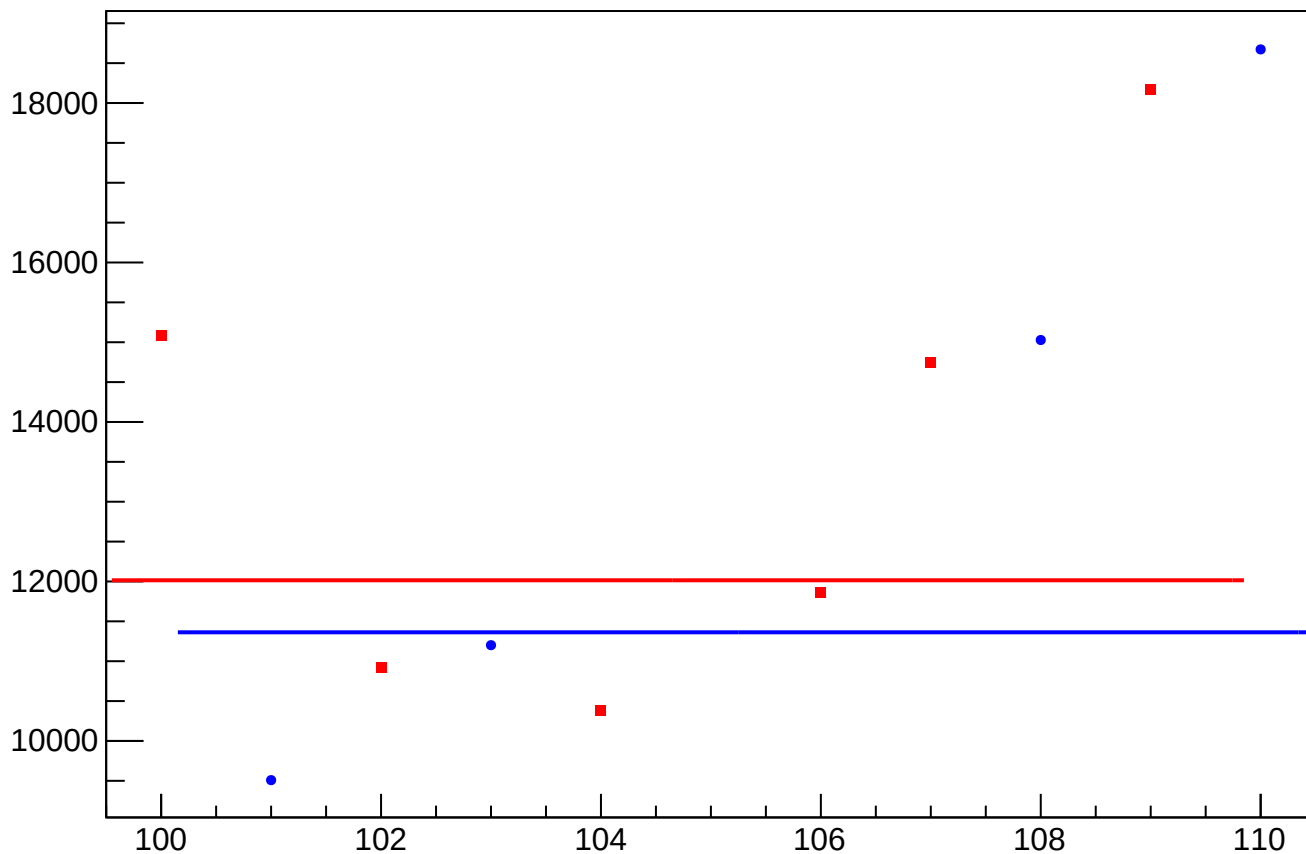
Right: 3.746+/-5.738 χ^2/NDF : 15.1/9

In: -2.503+/-8.193 χ^2/NDF : 8.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.746+/-5.738 χ^2/NDF : 15.1/9

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 11362.517+/-5.794 χ^2/NDF : 211621.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12014.849+/-5.685 χ^2/NDF : 185398.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

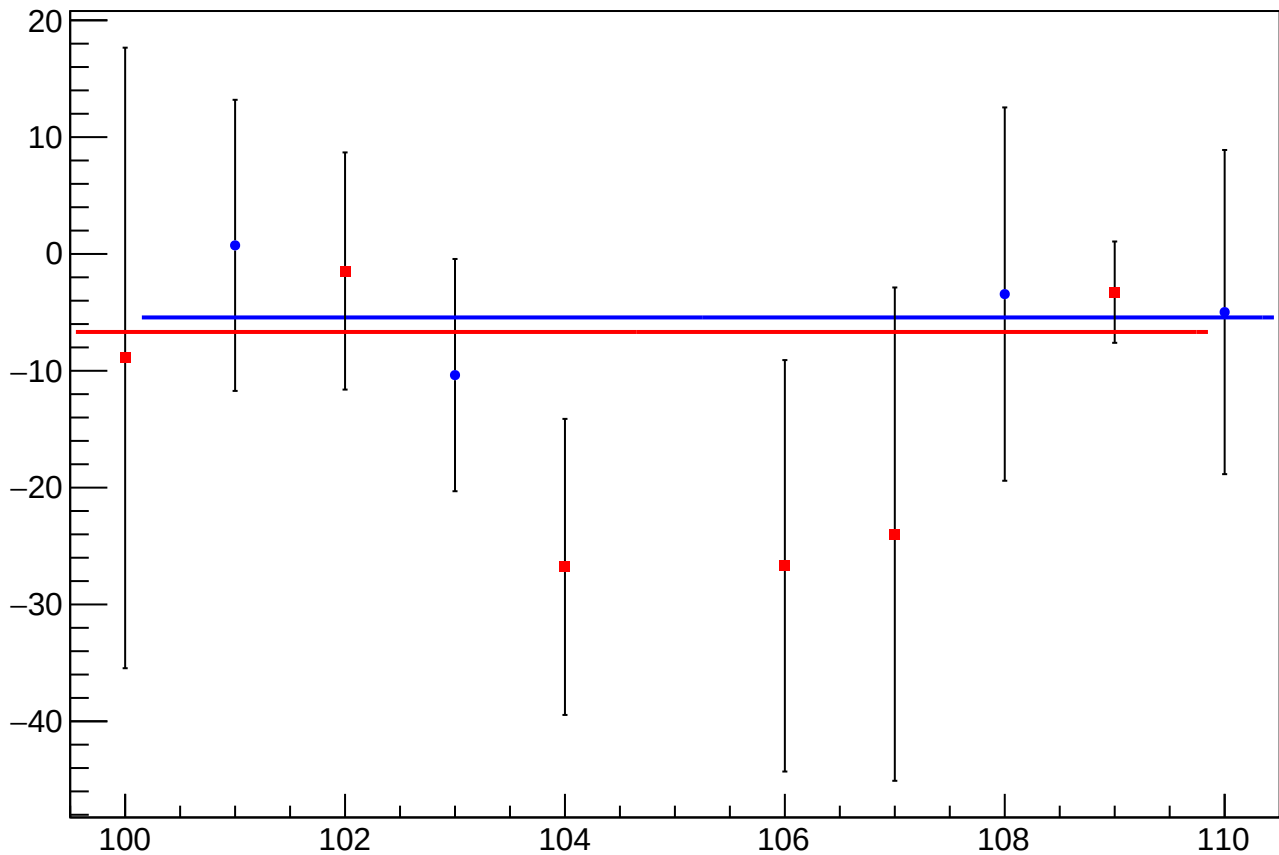
Right: 11694.867+/-4.058 χ^2/NDF : 403478.6/9

In: 11362.517+/-5.794 χ^2/NDF : 211621.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11694.867+/-4.058 χ^2/NDF : 403478.6/9

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -5.433+/-6.240 χ^2/NDF : 0.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.676+/-3.627 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

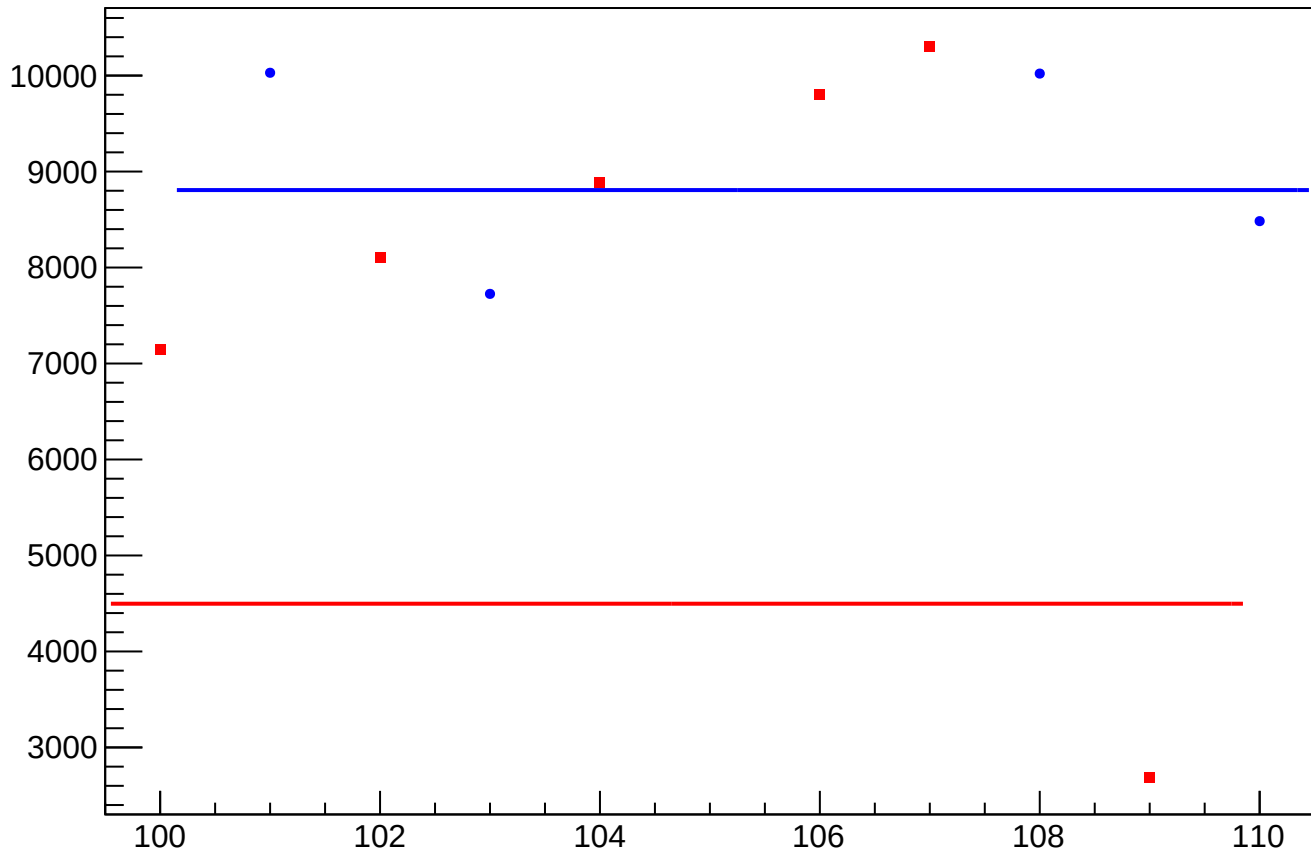
Right: -6.362+/-3.136 χ^2/NDF : 5.9/9

In: -5.433+/-6.240 χ^2/NDF : 0.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.362+/-3.136 χ^2/NDF : 5.9/9

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8807.047+/-4.413 χ^2/NDF : 55556.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4497.424+/-2.565 χ^2/NDF : 1194593.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

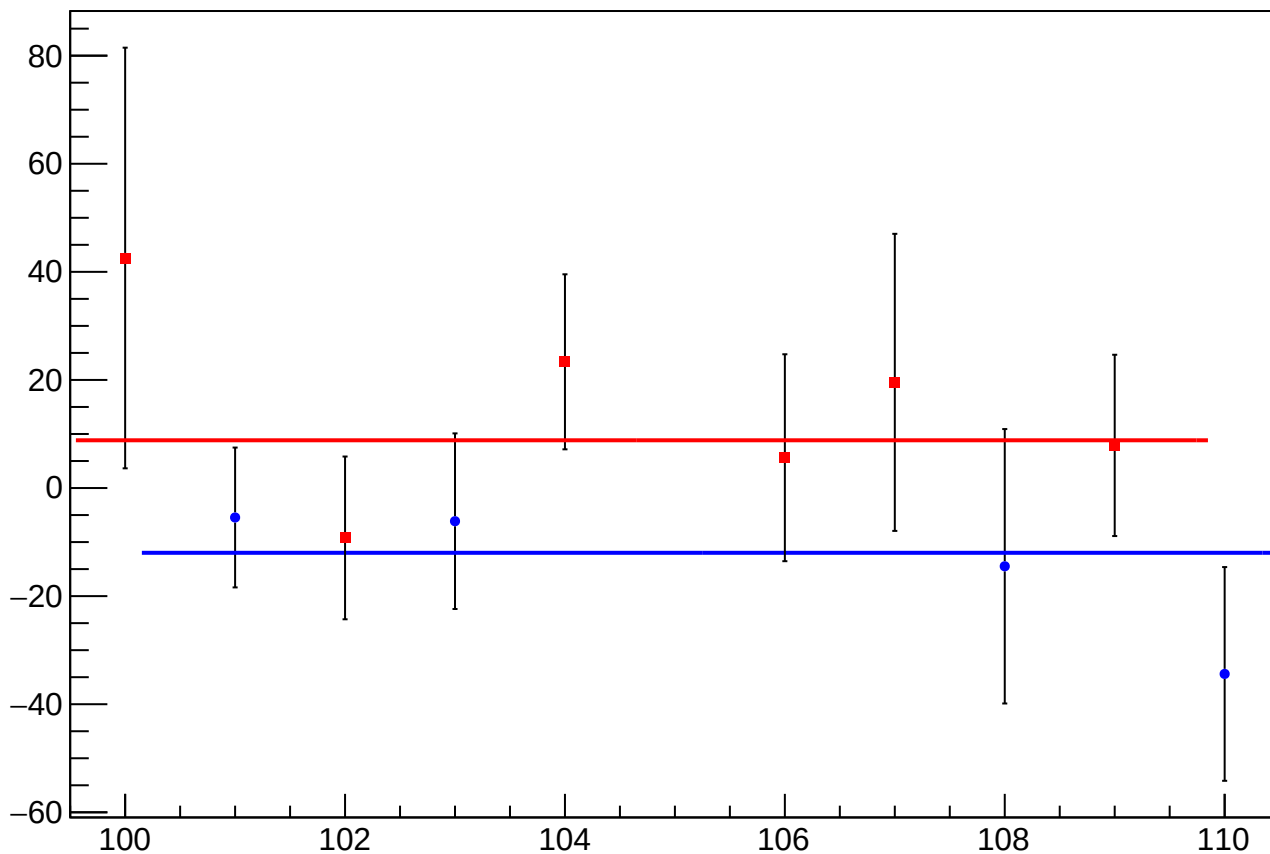
Right: 5585.856+/-2.218 χ^2/NDF : 1963142.2/9

In: 8807.047+/-4.413 χ^2/NDF : 55556.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5585.856+/-2.218 χ^2/NDF : 1963142.2/9

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -11.984+/-8.490 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.834+/-7.787 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

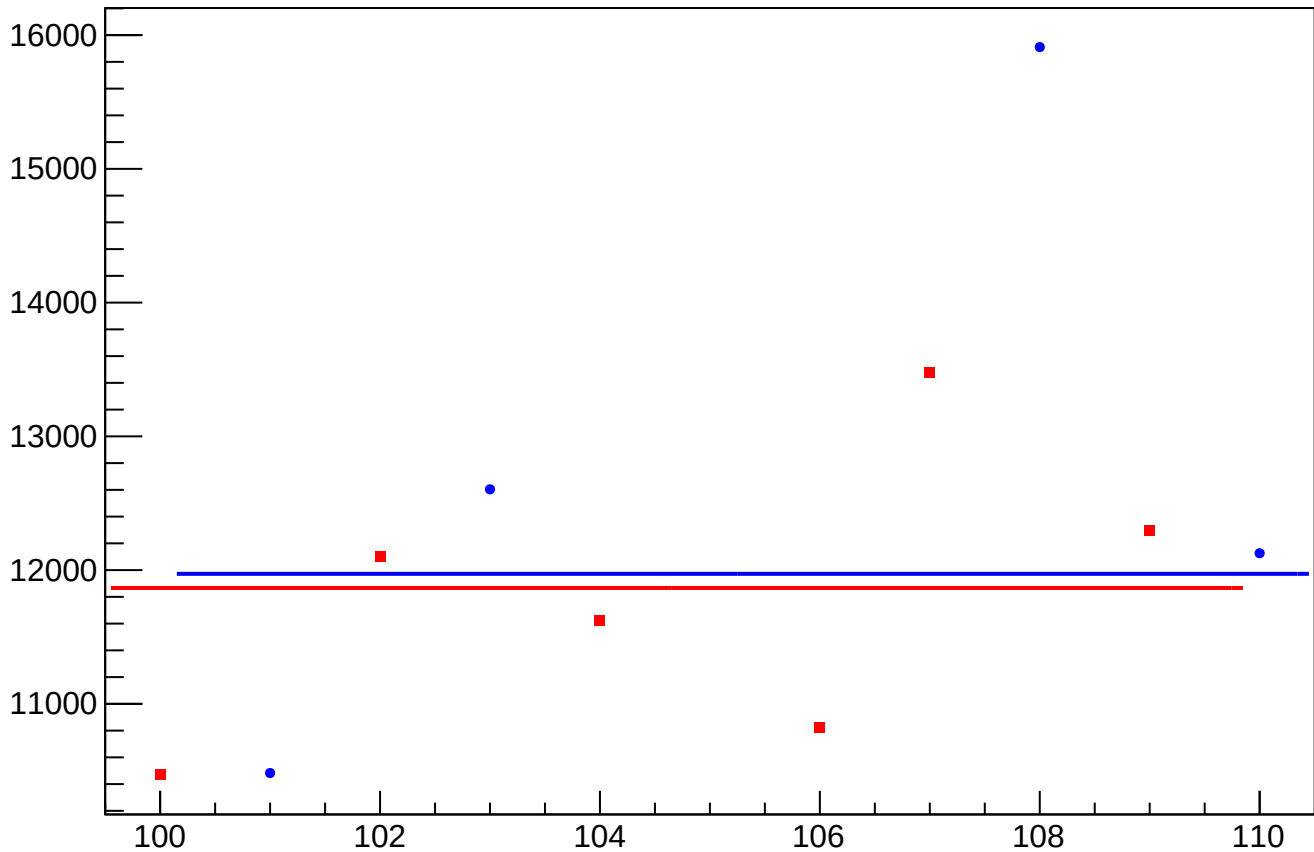
Right: -0.677+/-5.739 χ^2/NDF : 8.1/9

In: -11.984+/-8.490 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.677+/-5.739 χ^2/NDF : 8.1/9

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11972.107+/-6.004 χ^2/NDF : 77781.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11866.550+/-5.506 χ^2/NDF : 17647.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

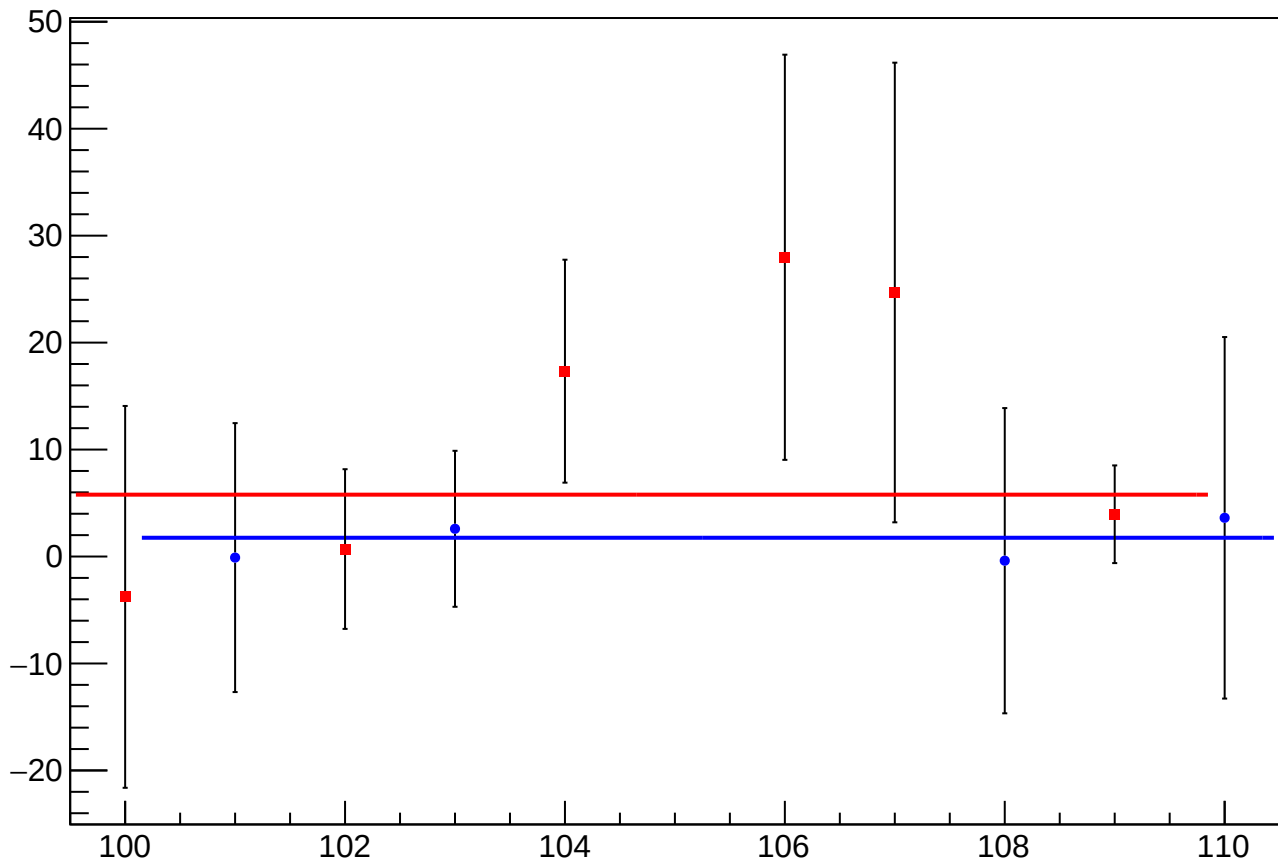
Right: 11914.775+/-4.058 χ^2/NDF : 95596.5/9

In: 11972.107+/-6.004 χ^2/NDF : 77781.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11914.775+/-4.058 χ^2/NDF : 95596.5/9

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: 1.755+/-5.460 χ^2/NDF : 0.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.784+/-3.467 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

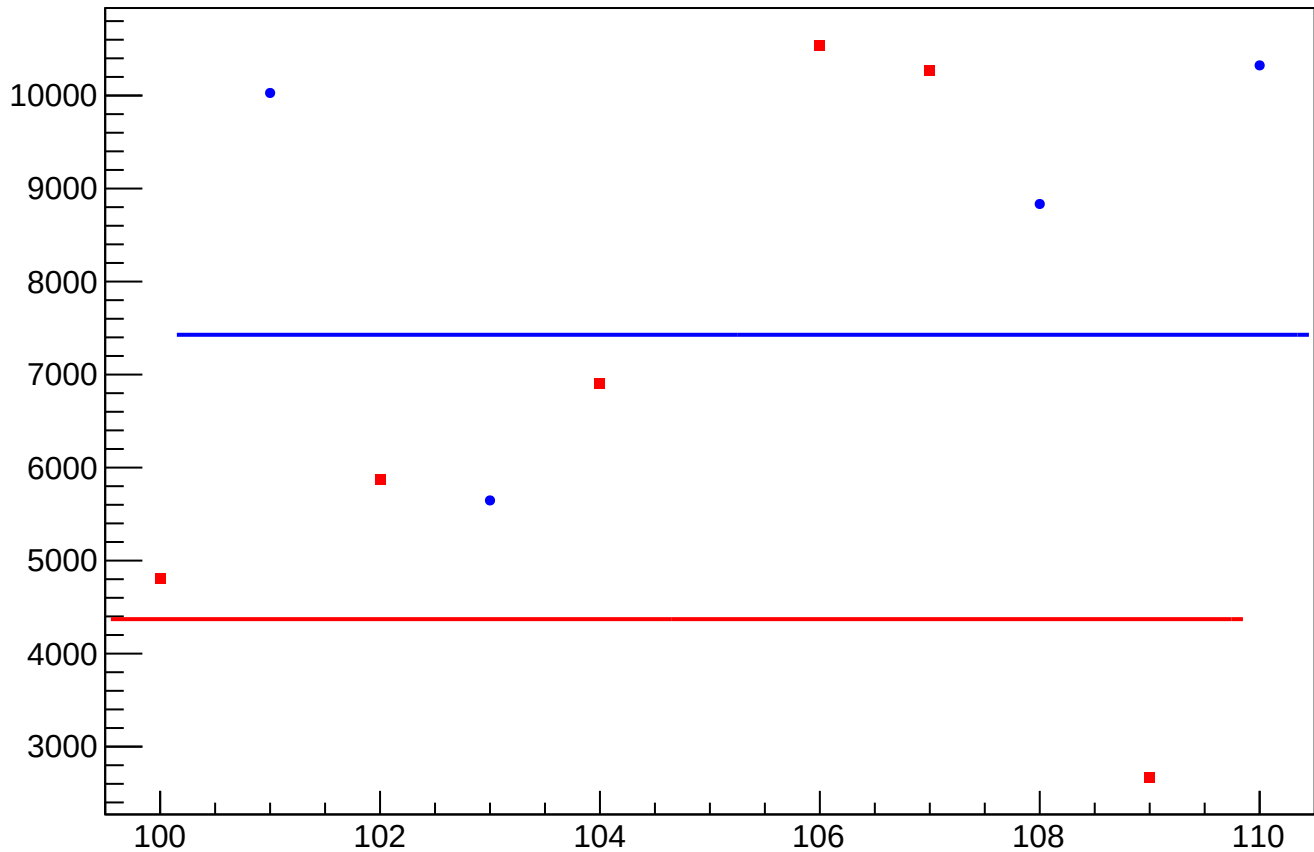
Right: 4.626+/-2.927 χ^2/NDF : 4.7/9

In: 1.755+/-5.460 χ^2/NDF : 0.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.626+/-2.927 χ^2/NDF : 4.7/9

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7427.814+/-3.861 χ^2/NDF : 282970.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4370.697+/-2.452 χ^2/NDF : 841342.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

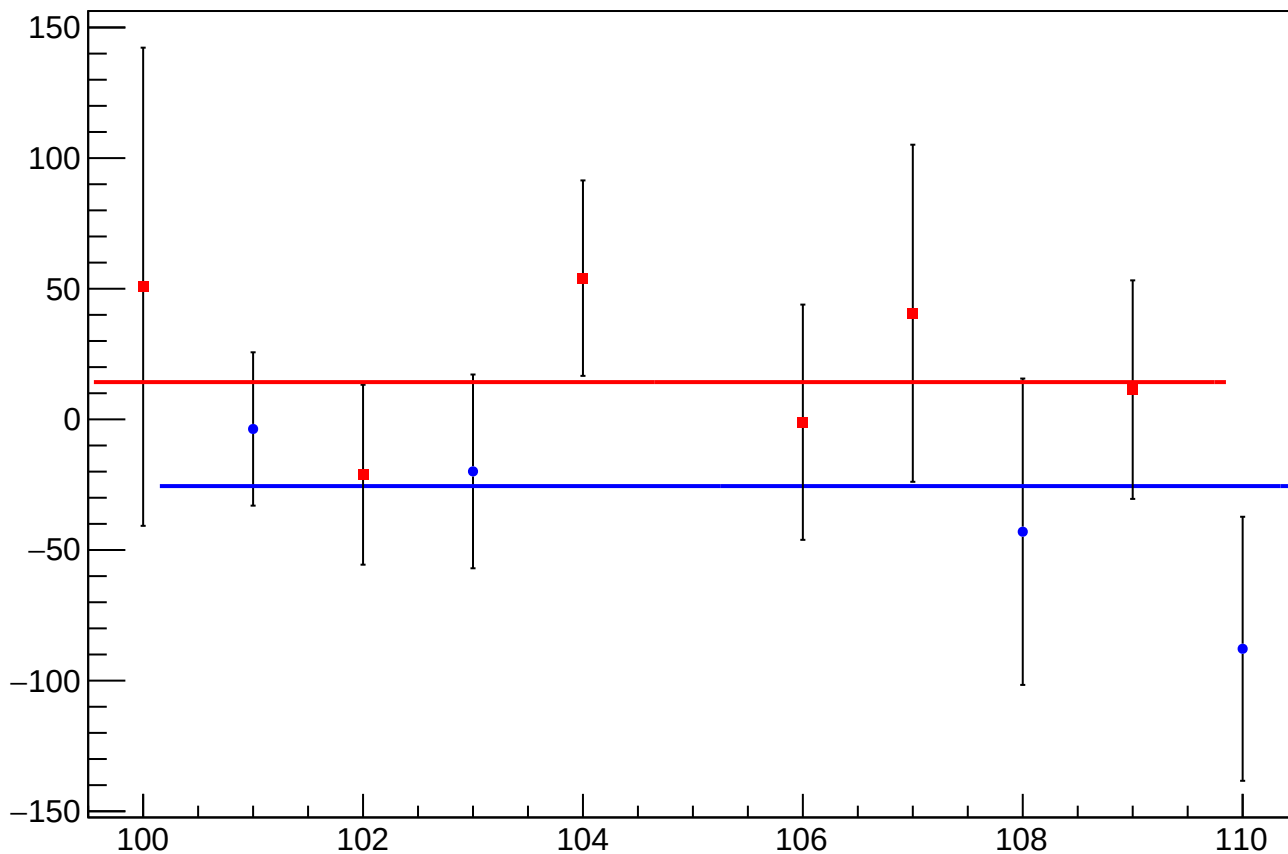
Right: 5249.184+/-2.070 χ^2/NDF : 1571173.0/9

In: 7427.814+/-3.861 χ^2/NDF : 282970.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5249.184+/-2.070 χ^2/NDF : 1571173.0/9

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -25.536 $\pm$ 19.722 χ^2 /NDF: 2.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.264 $\pm$ 18.309 χ^2 /NDF: 2.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

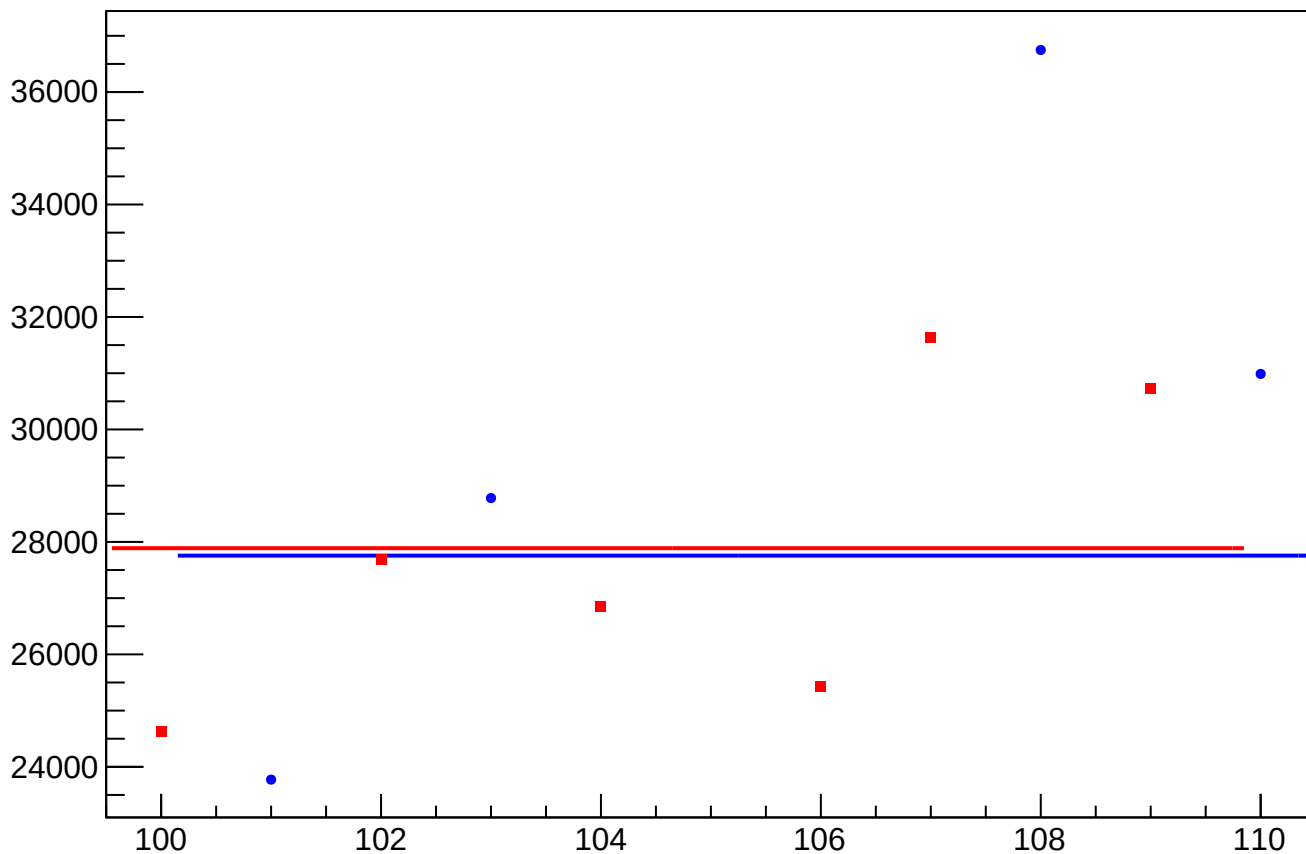
Right: -4.159 $\pm$ 13.418 χ^2 /NDF: 7.0/9

In: -25.536 $\pm$ 19.722 χ^2 /NDF: 2.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.159 $\pm$ 13.418 χ^2 /NDF: 7.0/9

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27756.060+/-13.945 χ^2/NDF : 93597.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27888.351+/-12.947 χ^2/NDF : 26083.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

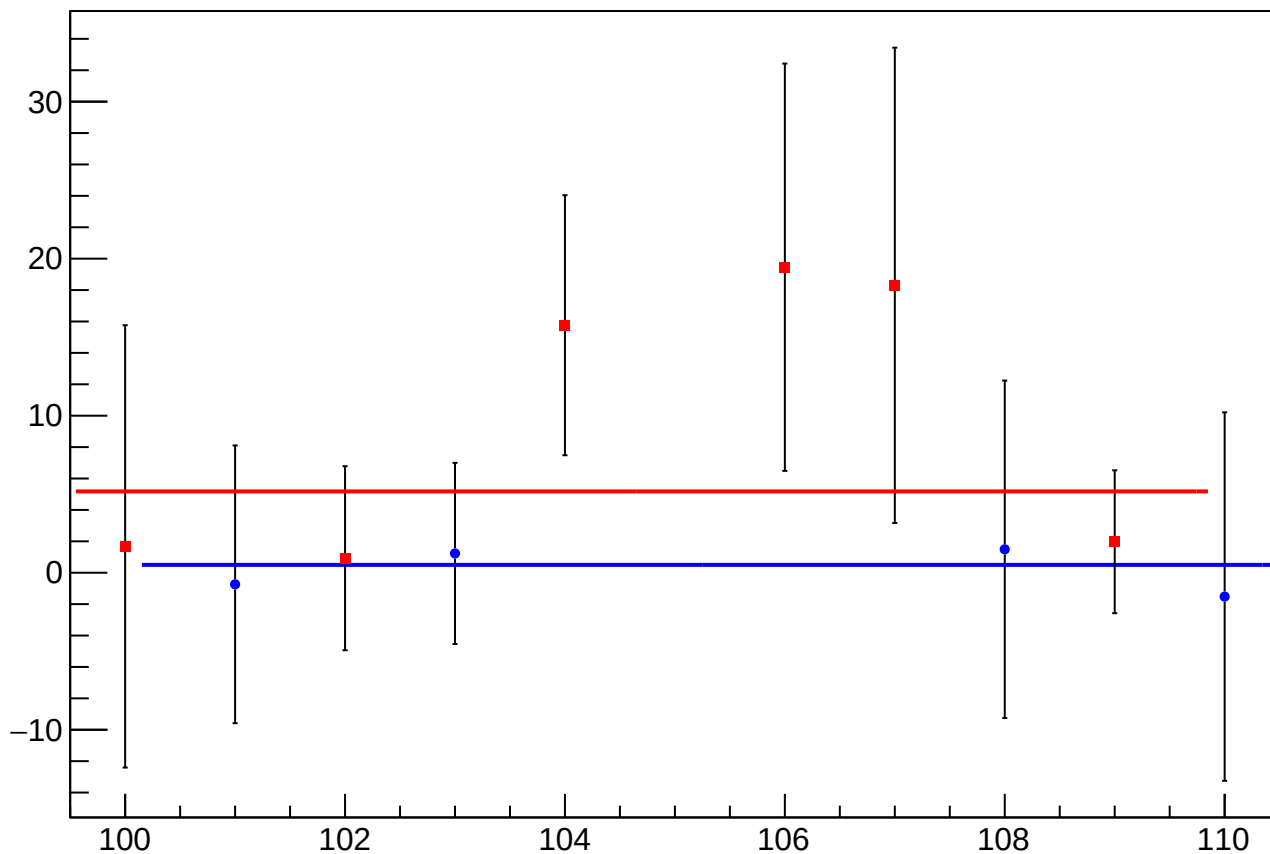
Right: 27827.113+/-9.488 χ^2/NDF : 119729.3/9

In: 27756.060+/-13.945 χ^2/NDF : 93597.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27827.113+/-9.488 χ^2/NDF : 119729.3/9

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.500+/-4.125 χ^2/NDF : 0.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.179+/-3.052 χ^2/NDF : 4.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

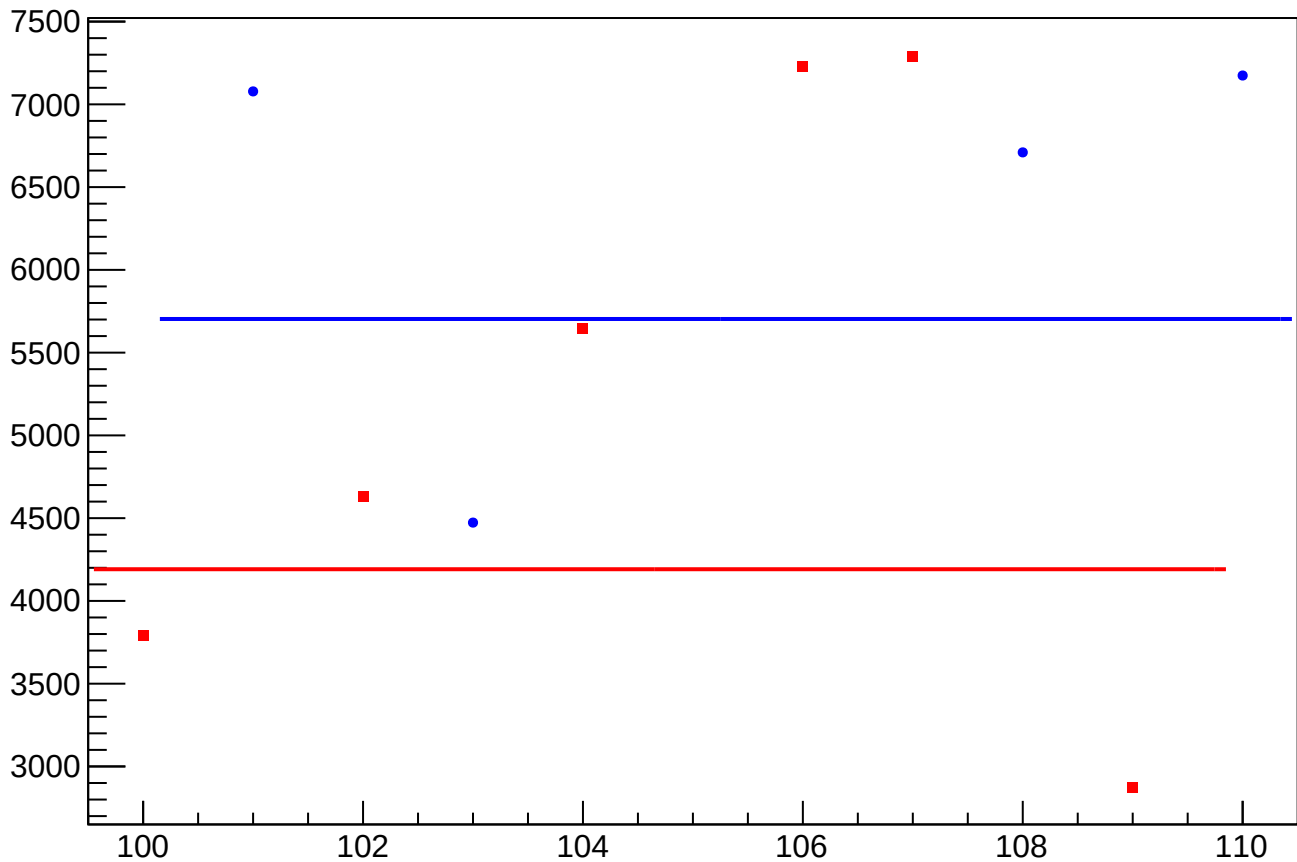
Right: 3.524+/-2.454 χ^2/NDF : 5.6/9

In: 0.500+/-4.125 χ^2/NDF : 0.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.524+/-2.454 χ^2/NDF : 5.6/9

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5703.295+/-2.917 χ^2/NDF : 188278.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4191.487+/-2.158 χ^2/NDF : 436022.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

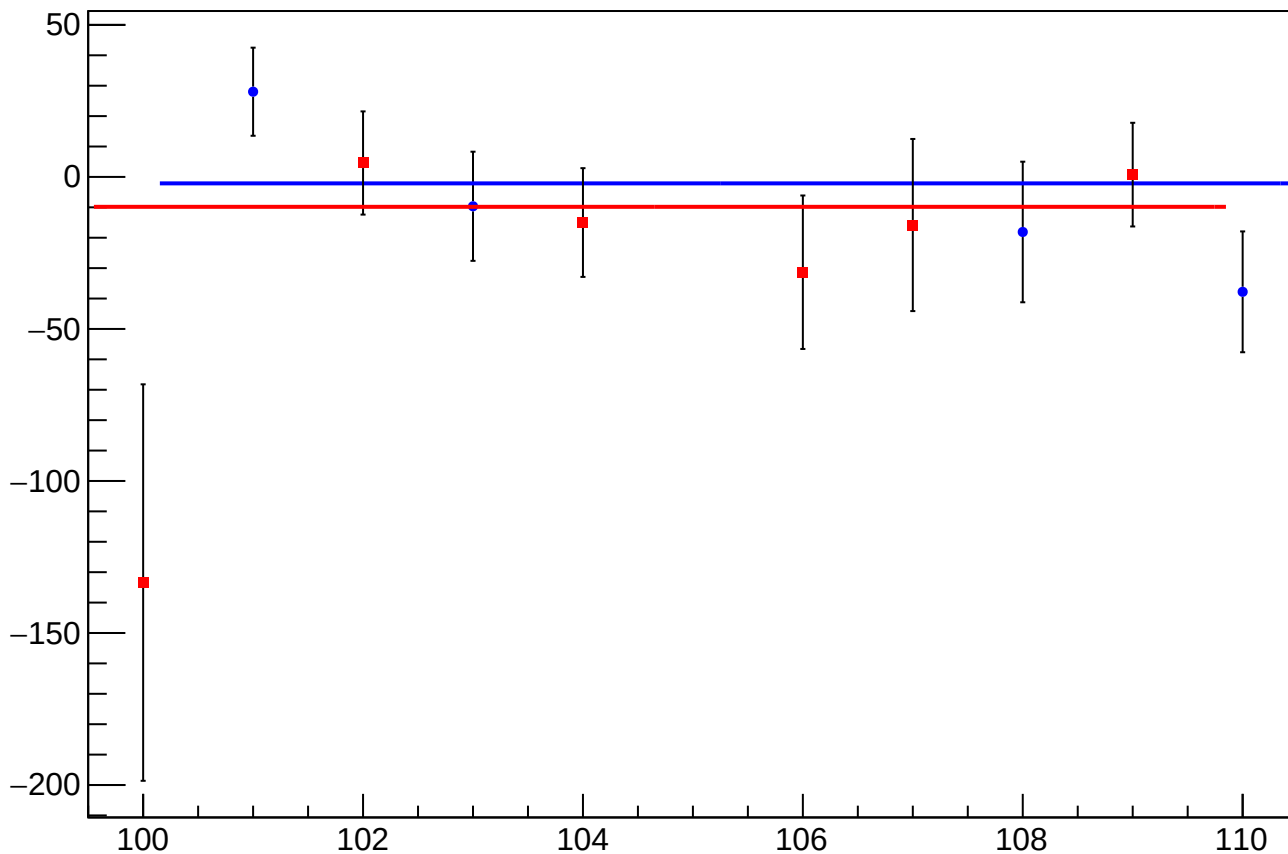
Right: 4726.306+/-1.735 χ^2/NDF : 797900.7/9

In: 5703.295+/-2.917 χ^2/NDF : 188278.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4726.306+/-1.735 χ^2/NDF : 797900.7/9

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -2.122 ± 9.027 χ^2/NDF : 8.2/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.835 ± 8.740 χ^2/NDF : 5.6/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

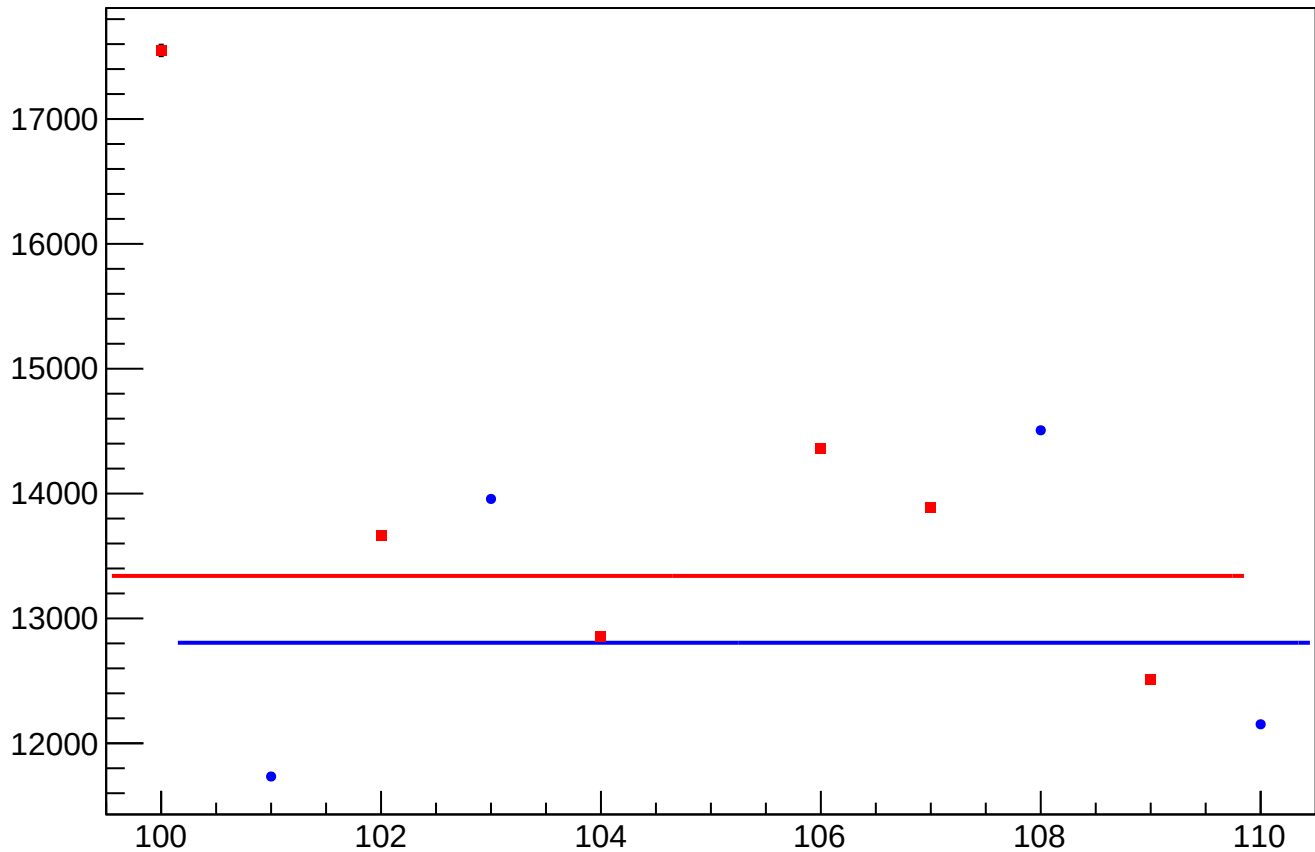
Right: -6.104 ± 6.279 χ^2/NDF : 14.1/9

In: -2.122 ± 9.027 χ^2/NDF : 8.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.104 ± 6.279 χ^2/NDF : 14.1/9

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12805.200+/-6.383 χ^2/NDF : 32171.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13340.478+/-6.180 χ^2/NDF : 19284.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

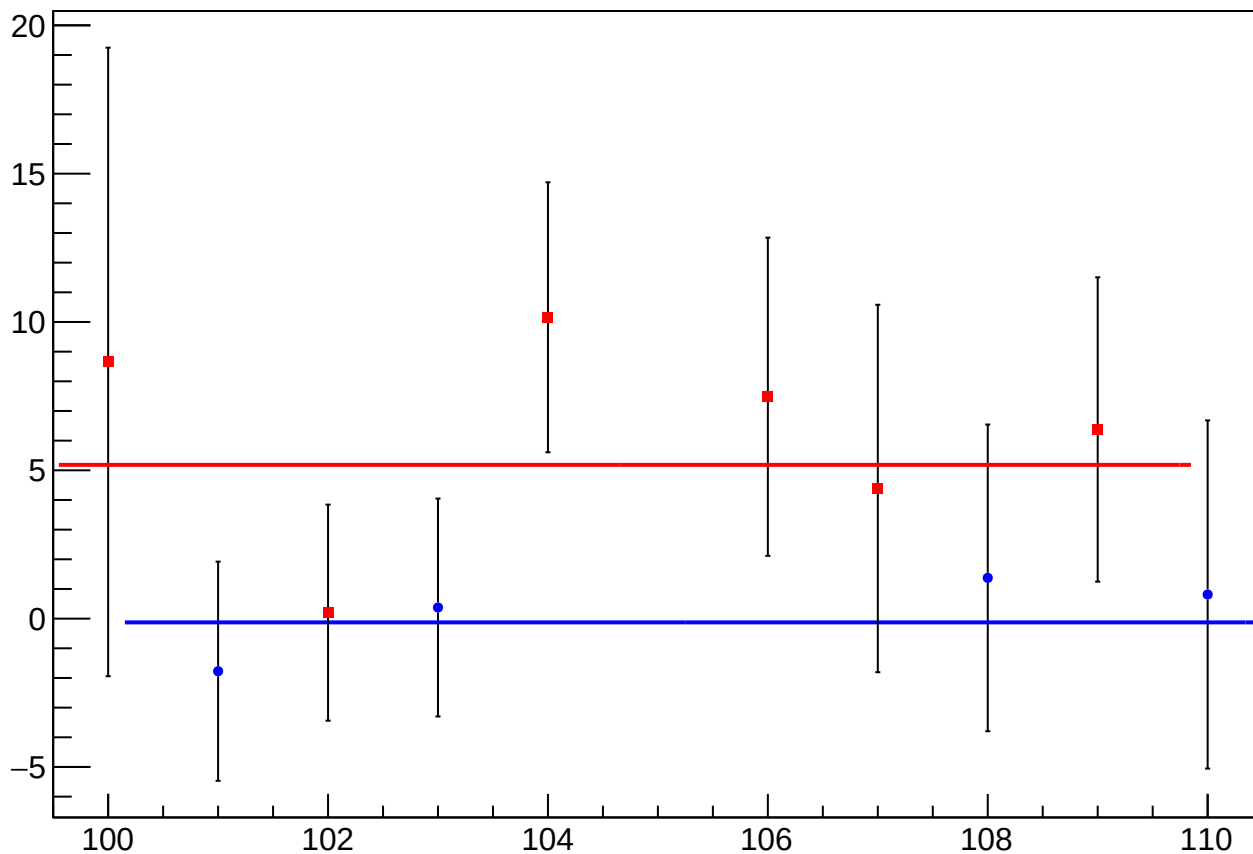
Right: 13081.490+/-4.440 χ^2/NDF : 55085.9/9

In: 12805.200+/-6.383 χ^2/NDF : 32171.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13081.490+/-4.440 χ^2/NDF : 55085.9/9

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.127+/-2.162 χ^2/NDF : 0.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.184+/-2.079 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

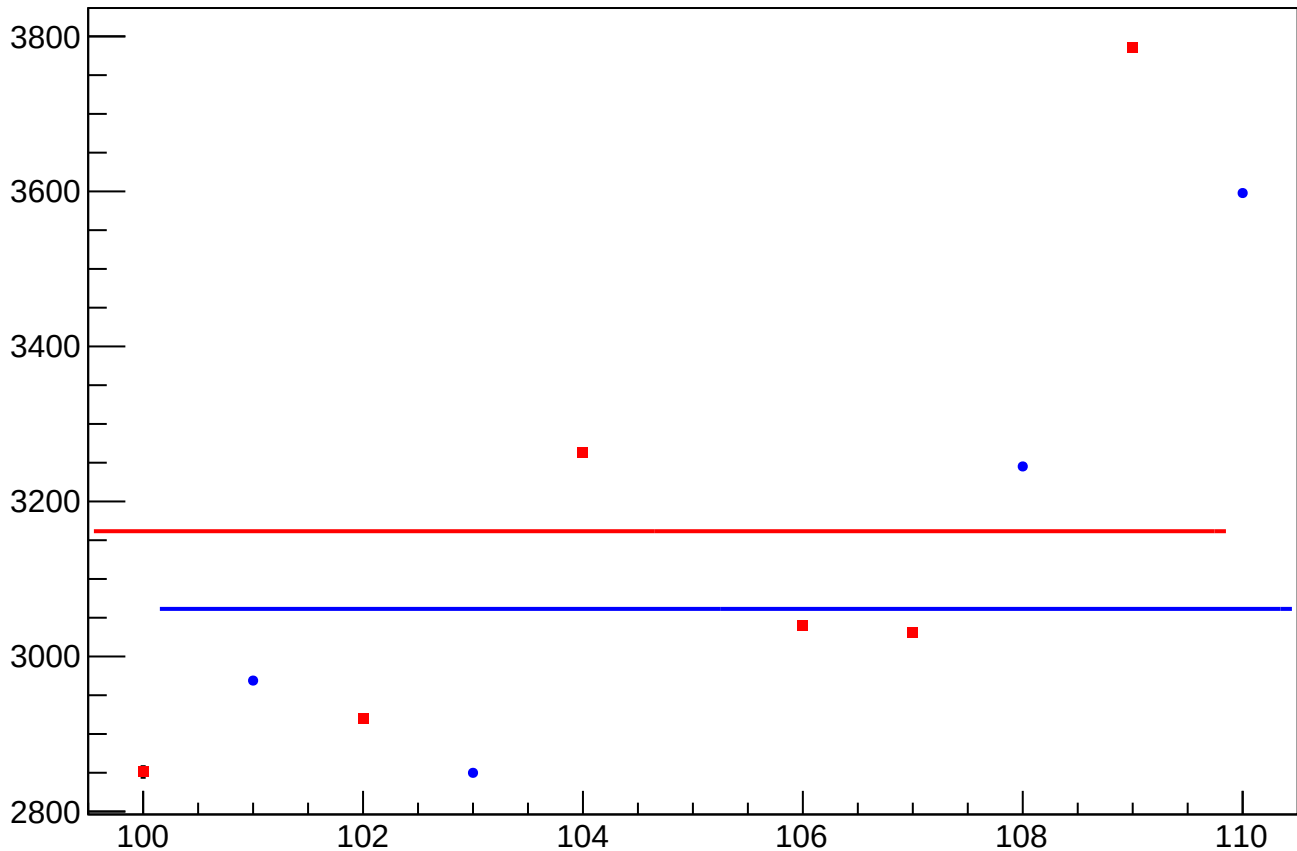
Right: 2.633+/-1.499 χ^2/NDF : 6.9/9

In: -0.127+/-2.162 χ^2/NDF : 0.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.633+/-1.499 χ^2/NDF : 6.9/9

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3061.393+/-1.529 χ^2/NDF : 27123.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3161.612+/-1.470 χ^2/NDF : 43003.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

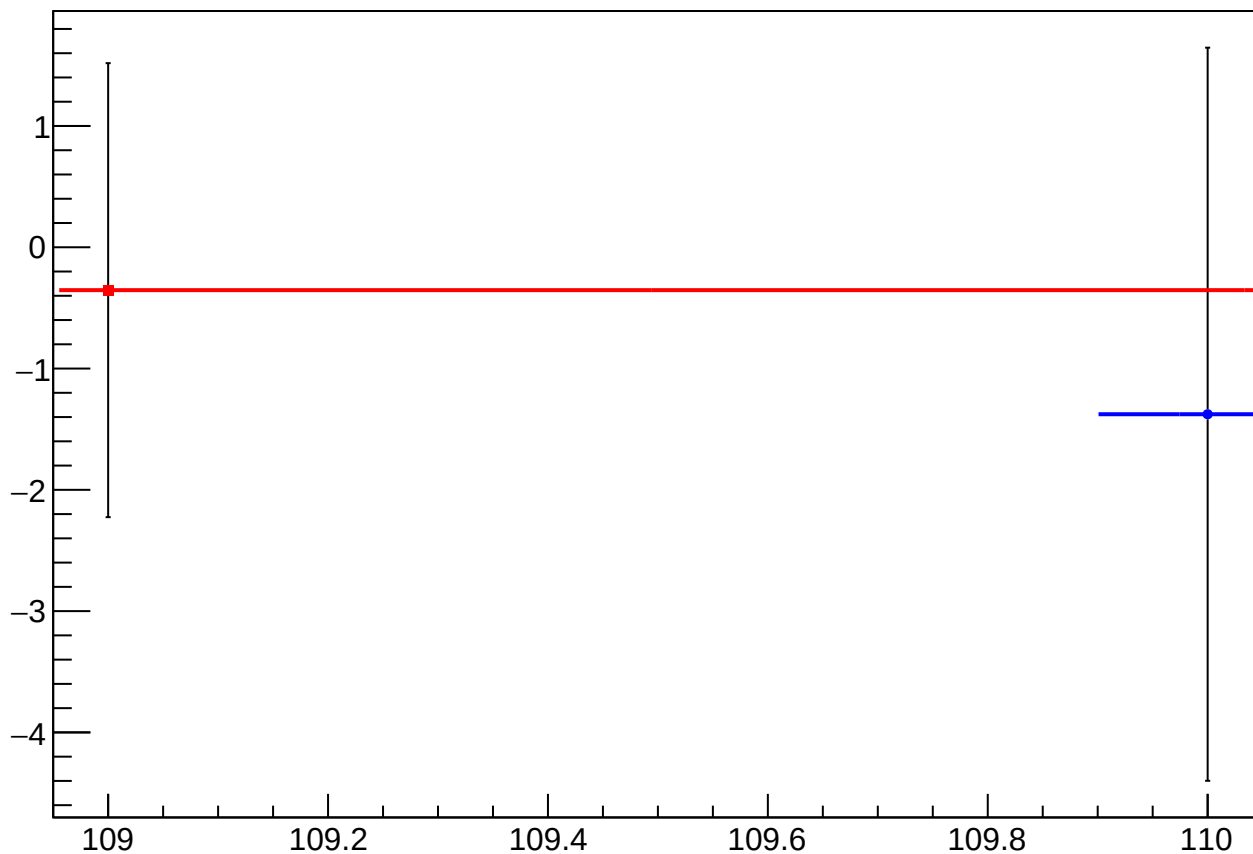
Right: 3113.482+/-1.060 χ^2/NDF : 72359.9/9

In: 3061.393+/-1.529 χ^2/NDF : 27123.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3113.482+/-1.060 χ^2/NDF : 72359.9/9

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -1.377+/-3.022 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.354+/-1.872 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

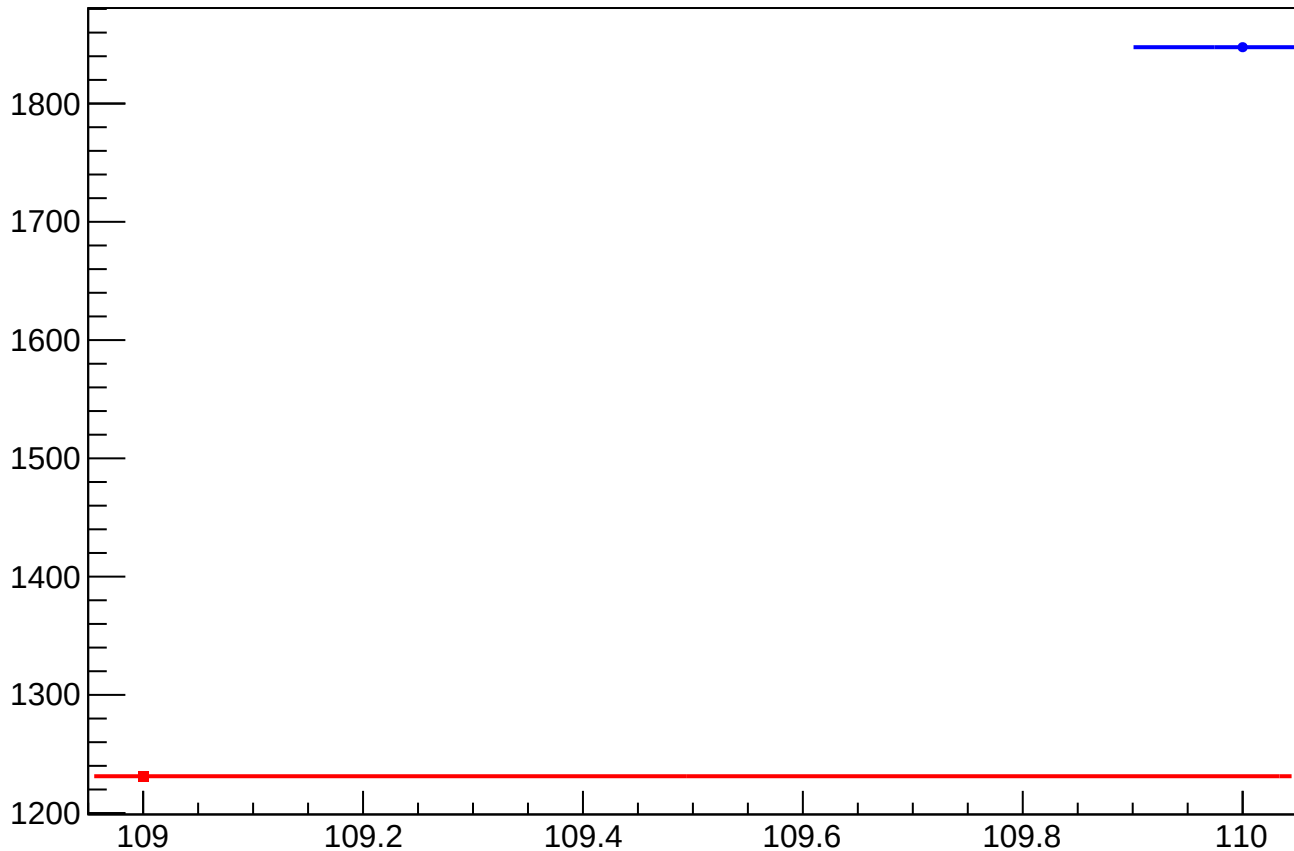
Right: -0.637+/-1.591 χ^2/NDF : 0.1/1

In: -1.377+/-3.022 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.637+/-1.591 χ^2/NDF : 0.1/1

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1847.653 $\pm$ 2.137 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1231.220 $\pm$ 1.323 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

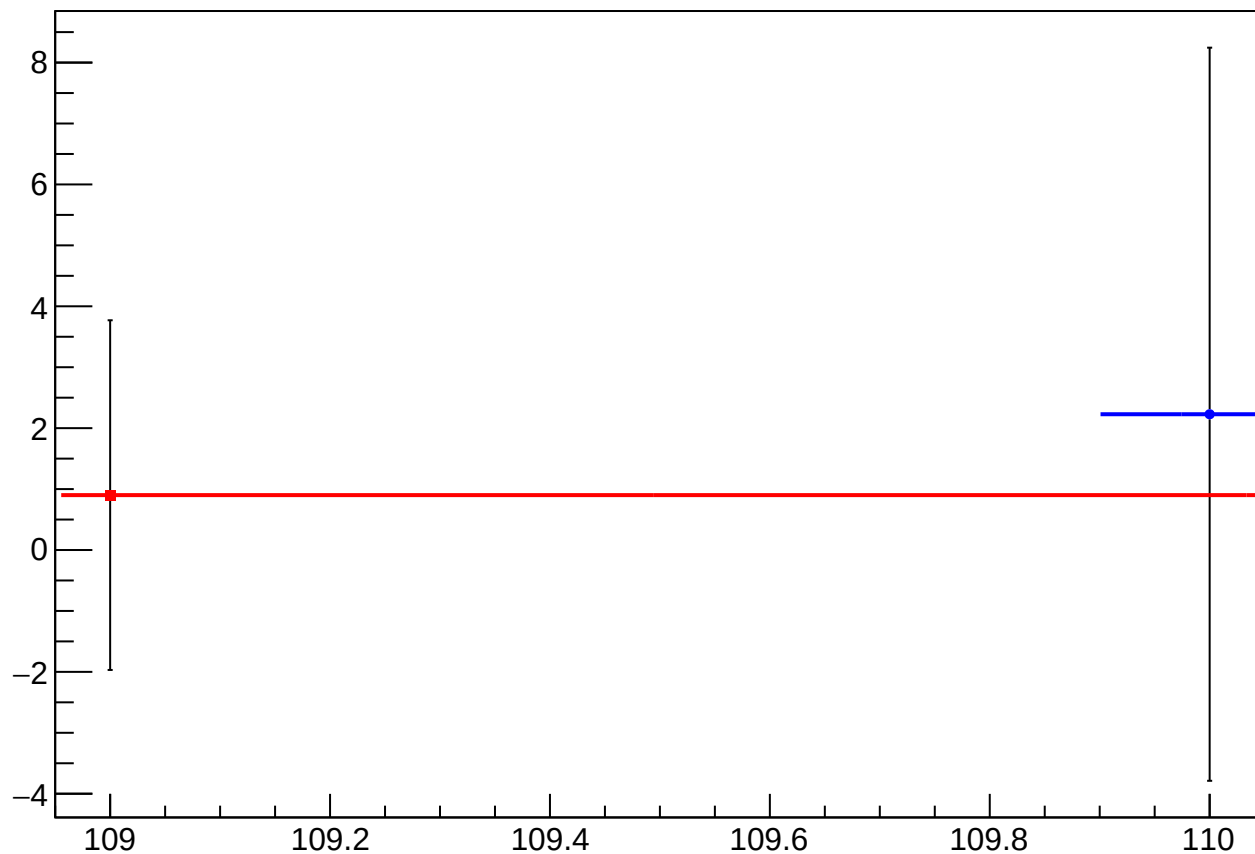
Right: 1402.093 $\pm$ 1.125 χ^2/NDF : 60136.8/1

In: 1847.653 $\pm$ 2.137 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1402.093 $\pm$ 1.125 χ^2/NDF : 60136.8/1

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.228+/-6.016 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.901+/-2.870 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

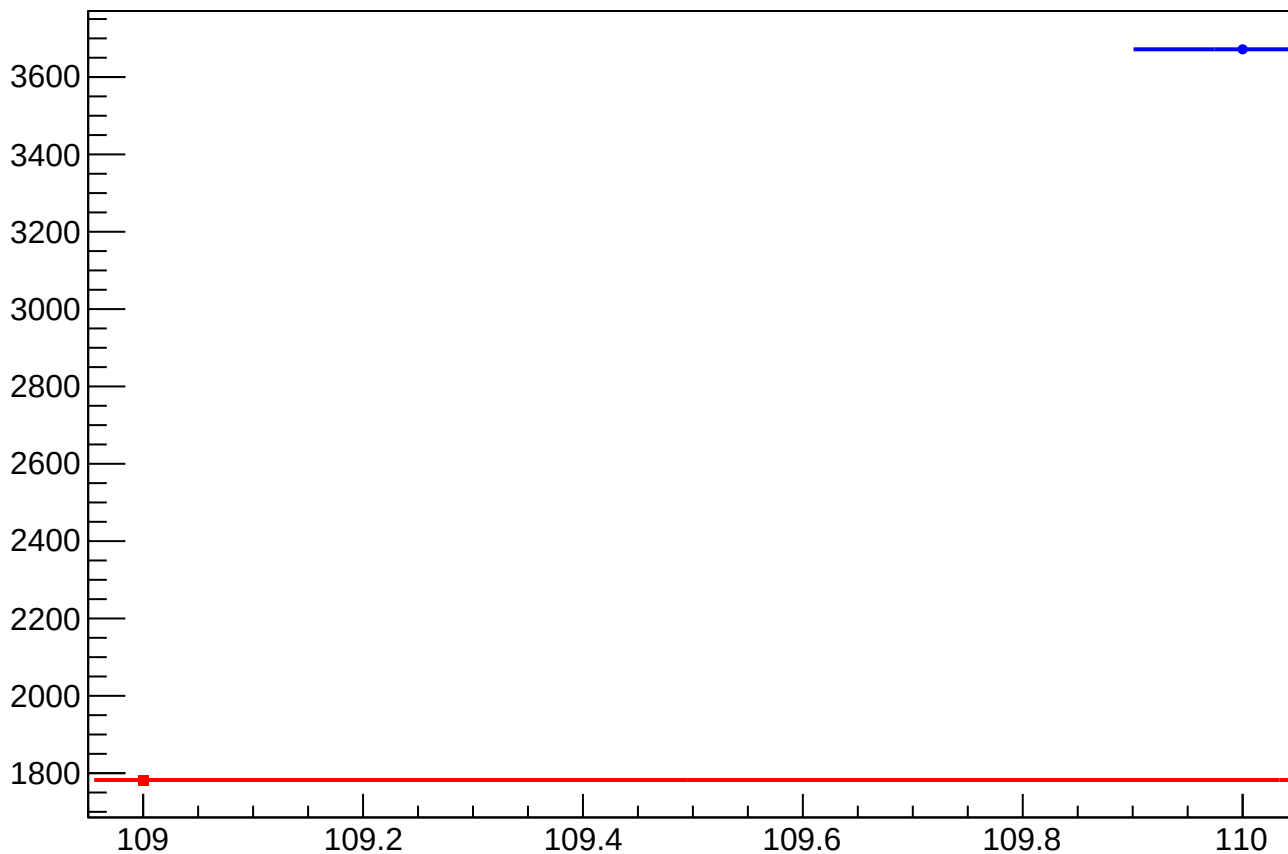
Right: 1.147+/-2.590 χ^2/NDF : 0.0/1

In: 2.228+/-6.016 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.147+/-2.590 χ^2/NDF : 0.0/1

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3671.746 $\pm$ 4.254 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1782.317 $\pm$ 2.029 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

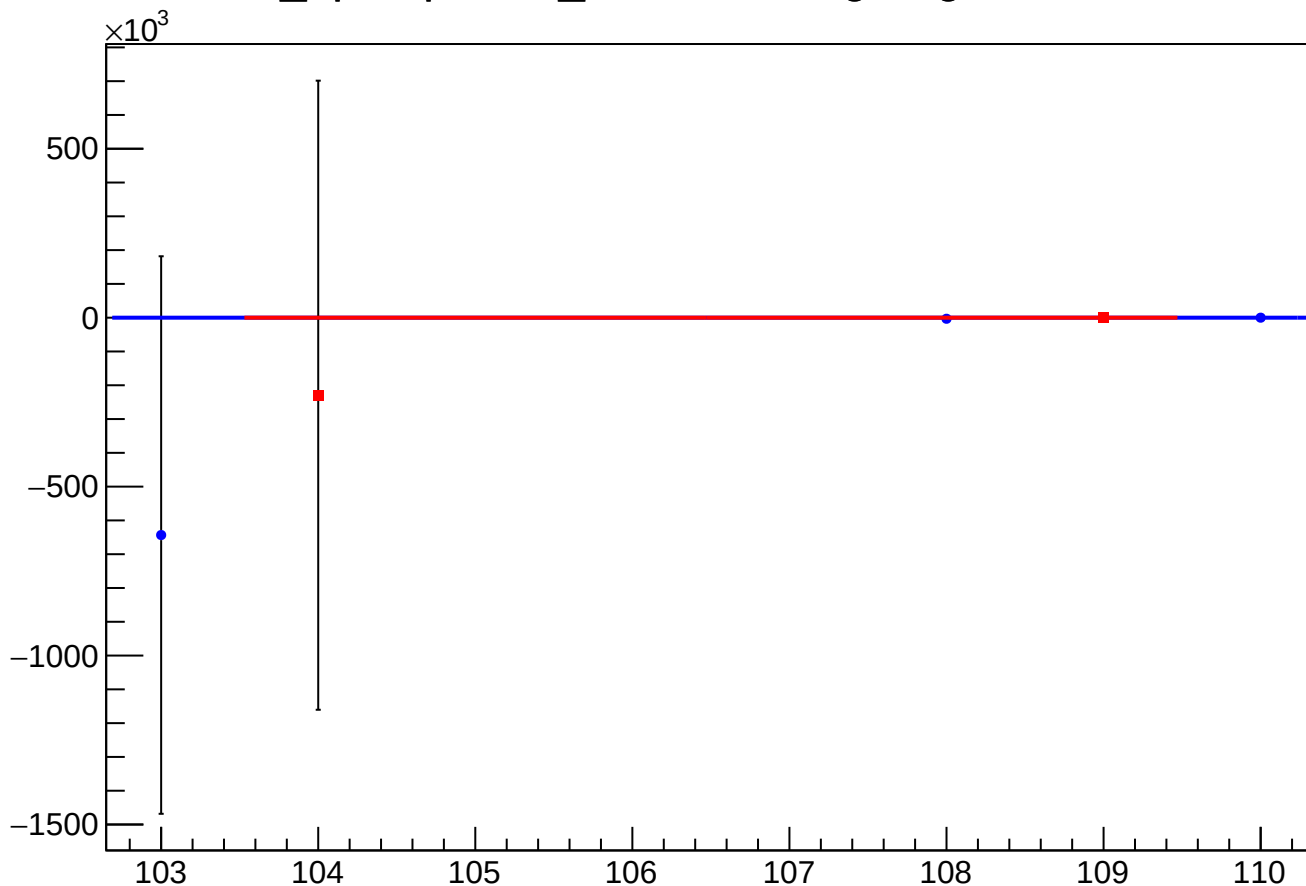
Right: 2132.523 $\pm$ 1.832 χ^2 /NDF: 160697.6/1

In: 3671.746 $\pm$ 4.254 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2132.523 $\pm$ 1.832 χ^2 /NDF: 160697.6/1

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 8.327+/-4.759 χ^2/NDF : 2.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.827+/-4.108 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

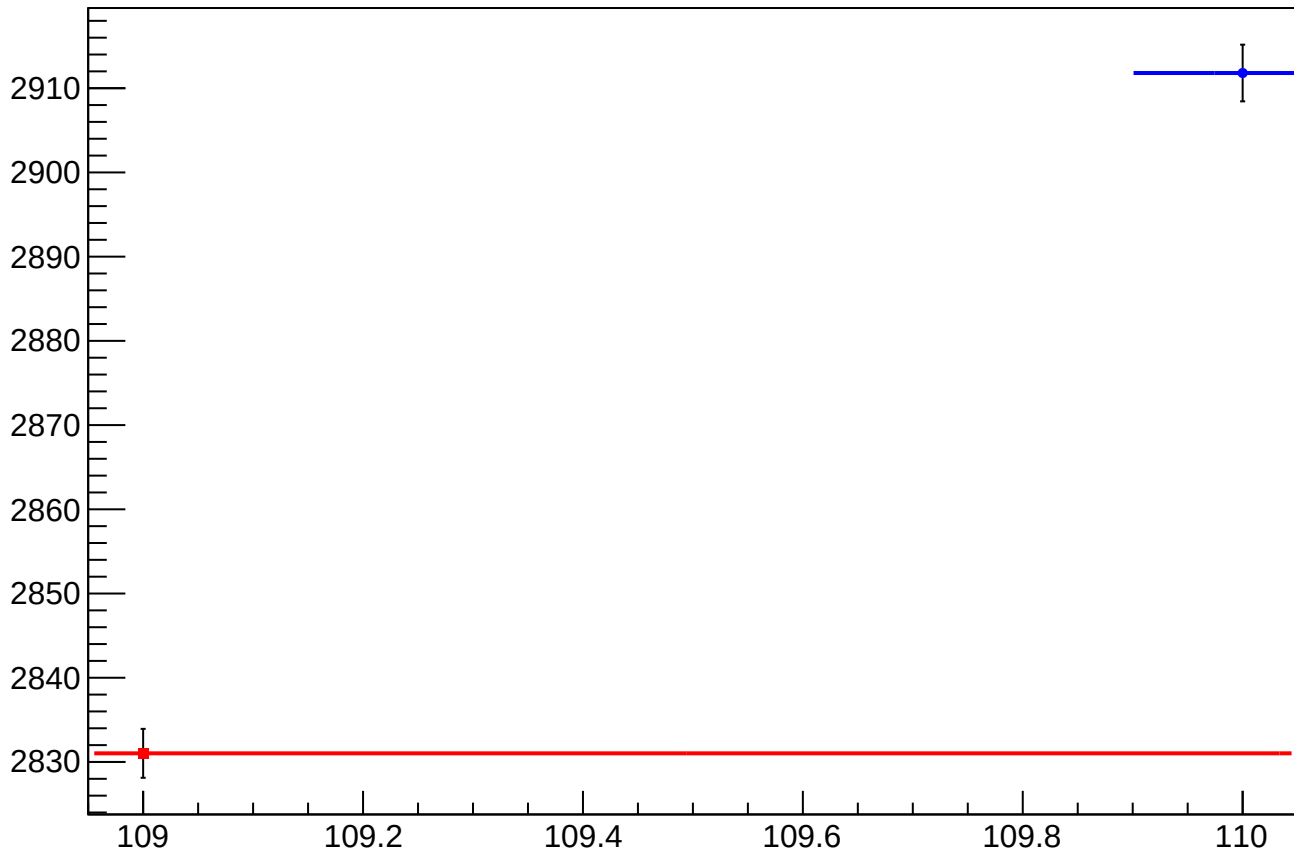
Right: 4.603+/-3.110 χ^2/NDF : 3.1/4

In: 8.327+/-4.759 χ^2/NDF : 2.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.603+/-3.110 χ^2/NDF : 3.1/4

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2911.805 $\pm$ 3.365 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2831.025 $\pm$ 2.905 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

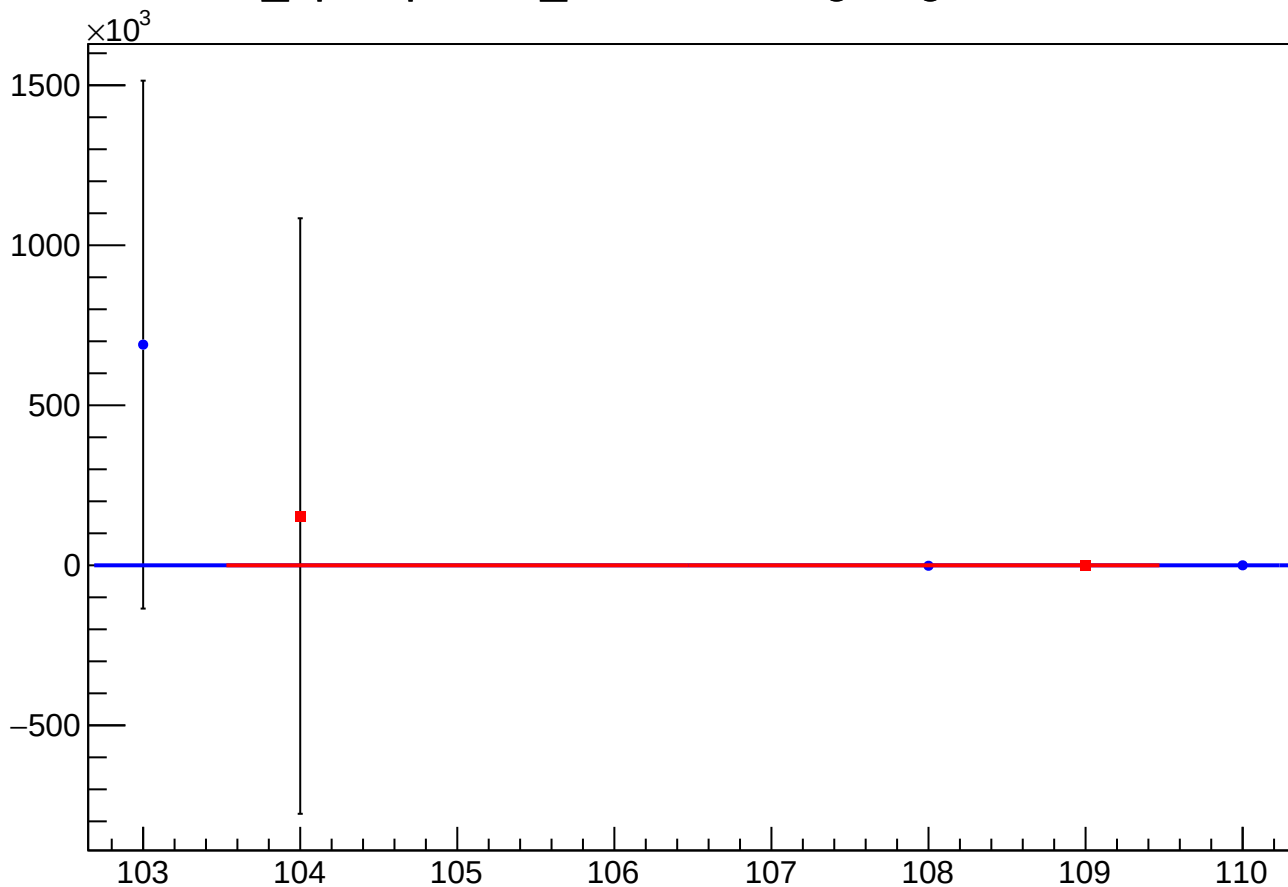
Right: 2865.524 $\pm$ 2.199 χ^2 /NDF: 330.2/1

In: 2911.805 $\pm$ 3.365 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2865.524 $\pm$ 2.199 χ^2 /NDF: 330.2/1

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 1.461+/-4.963 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.352+/-2.373 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

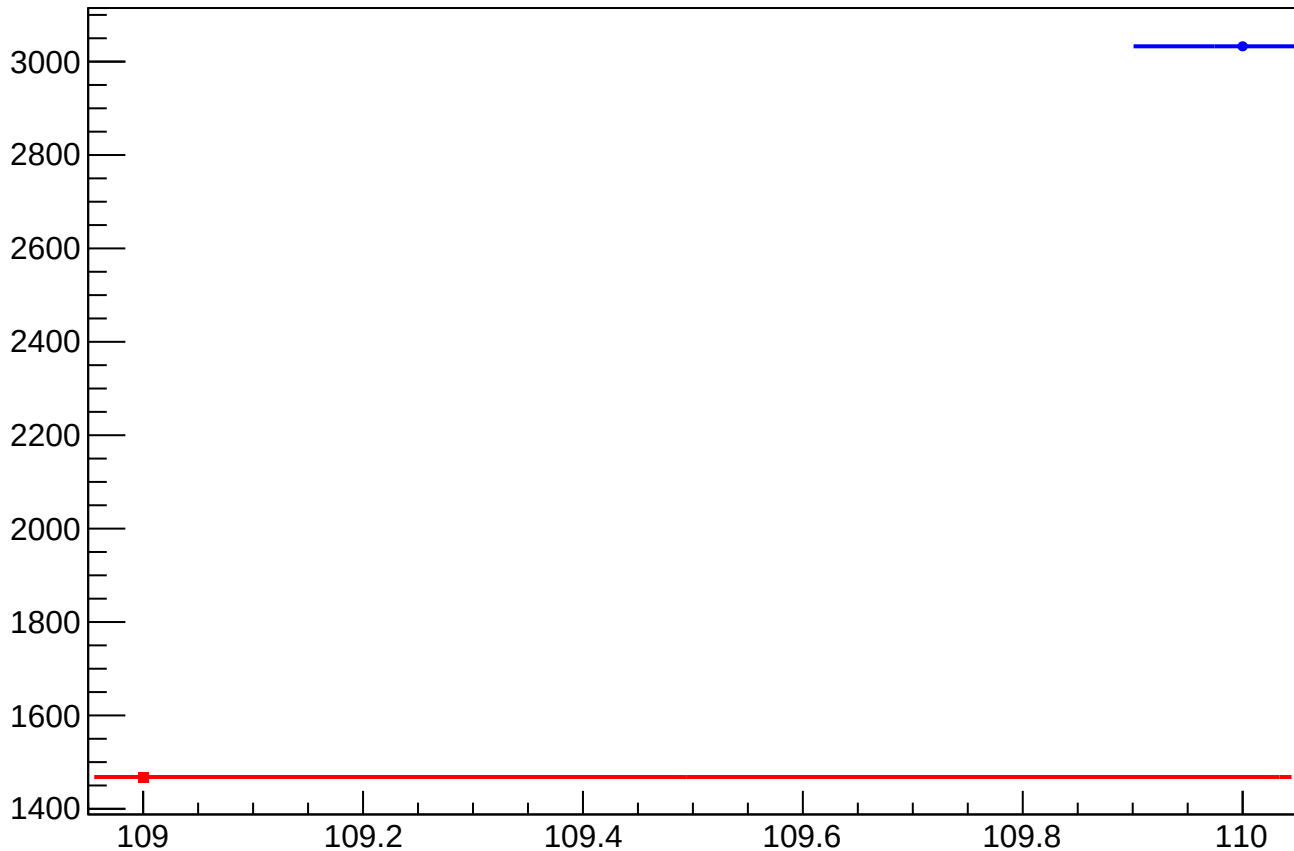
Right: 1.372+/-2.141 χ^2/NDF : 1.0/4

In: 1.461+/-4.963 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.372+/-2.141 χ^2/NDF : 1.0/4

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 3032.776 $\pm$ 3.510 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1468.118 $\pm$ 1.678 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

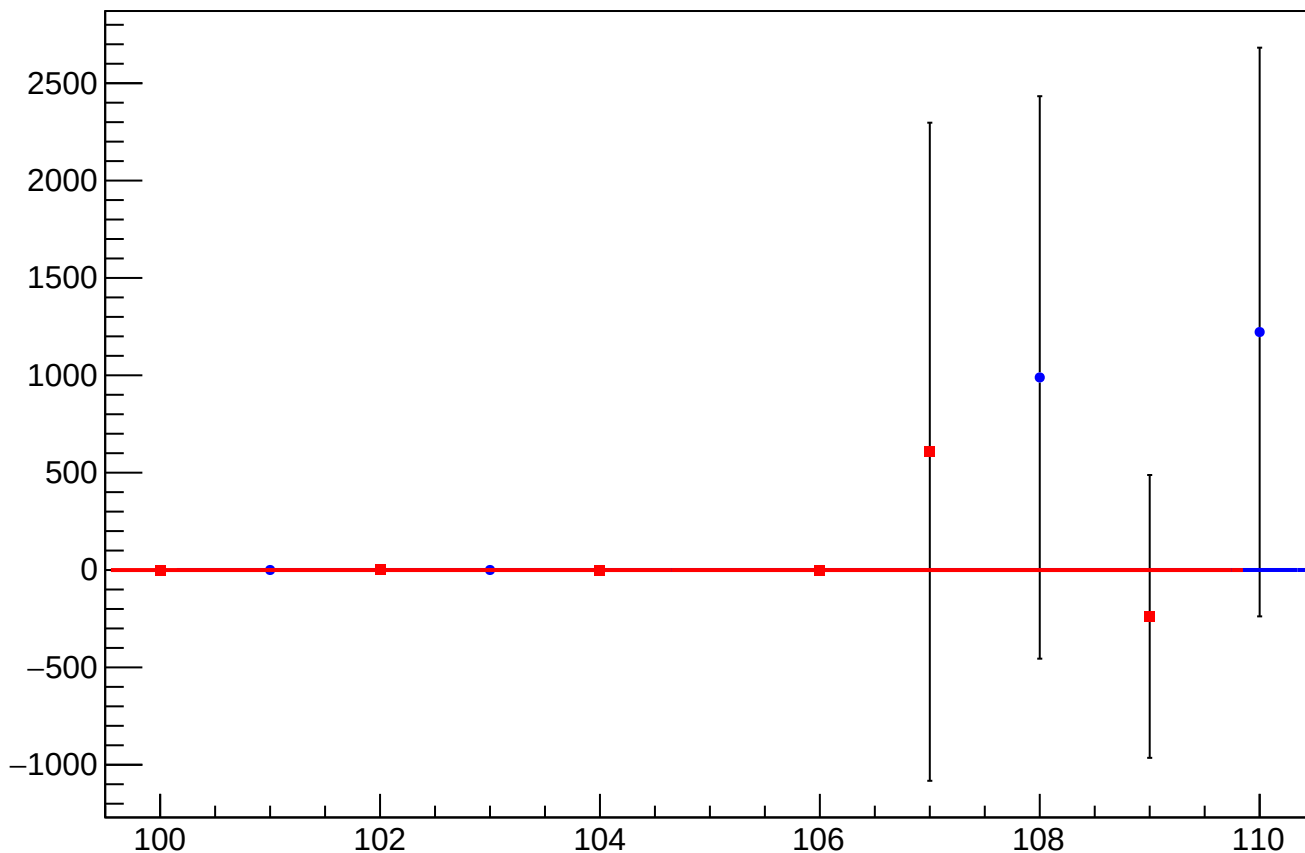
Right: 1759.248 $\pm$ 1.514 χ^2/NDF : 161774.0/1

In: 3032.776 $\pm$ 3.510 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1759.248 $\pm$ 1.514 χ^2/NDF : 161774.0/1

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 1.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.096+/-0.328 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

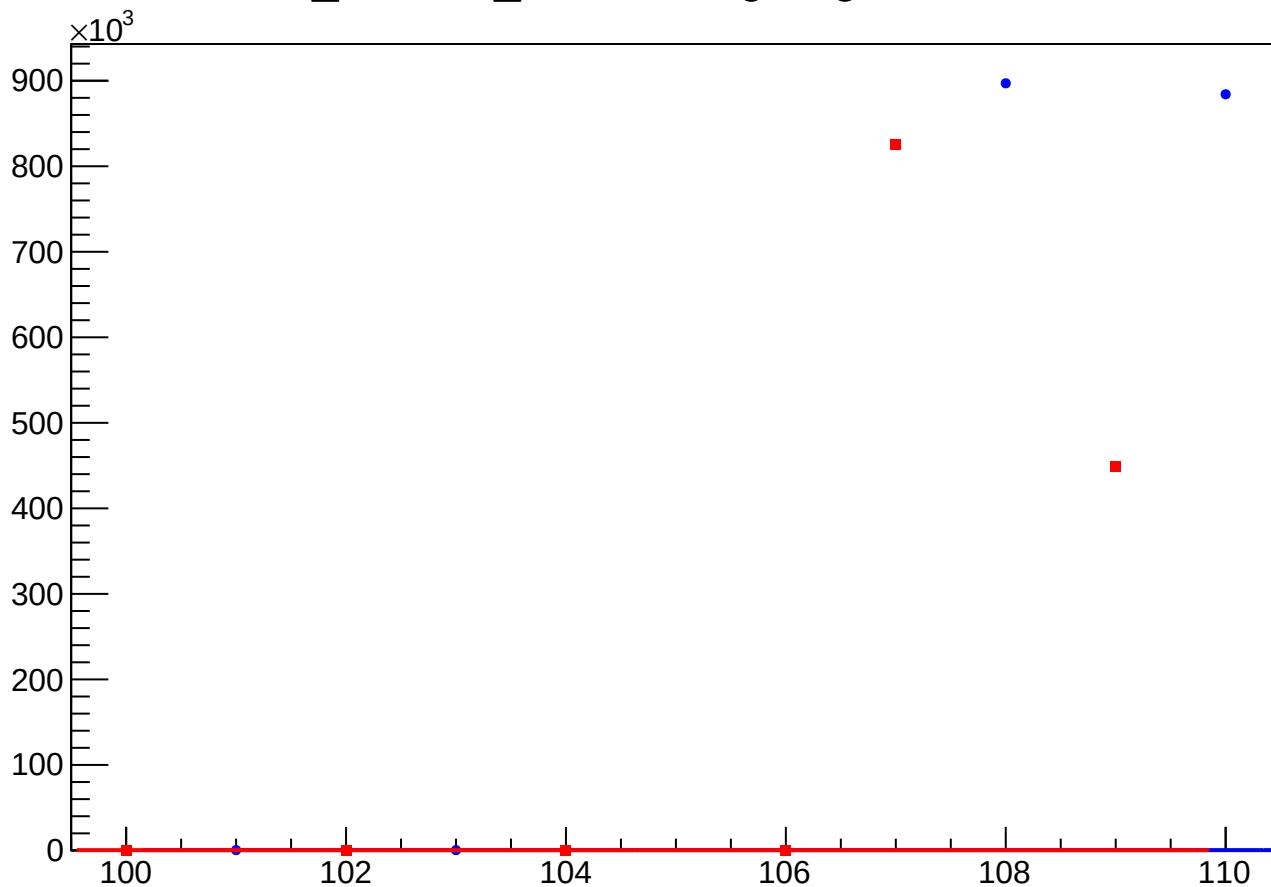
Right: 0.066+/-0.241 χ^2/NDF : 5.4/9

In: 0.256+/-0.356 χ^2/NDF : 1.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.241 χ^2/NDF : 5.4/9

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.277 $\pm$ 0.251 χ^2/NDF : 1433034.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 392.797 $\pm$ 0.232 χ^2/NDF : 1222335.9/5

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

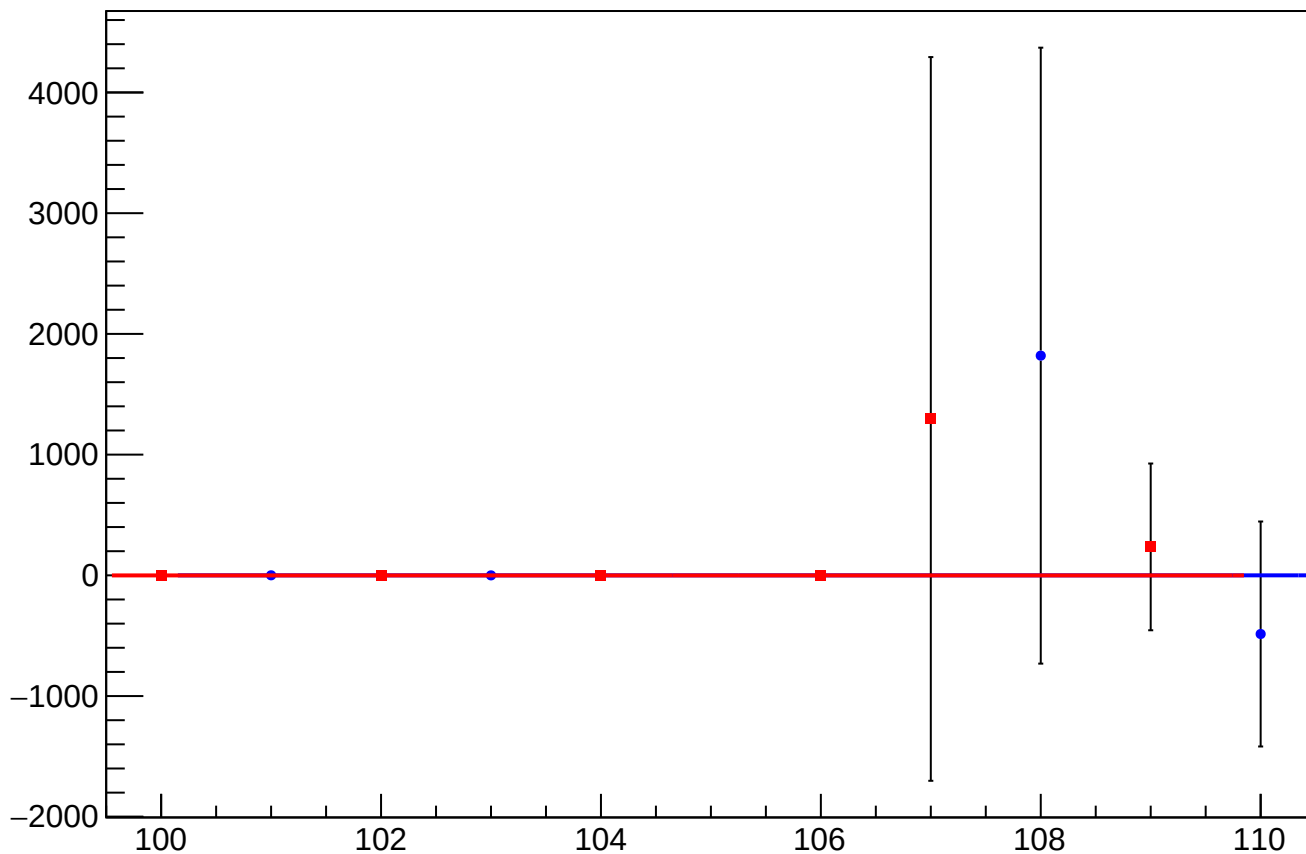
Right: 395.314 $\pm$ 0.170 χ^2/NDF : 2655627.1/9

In: 398.277 $\pm$ 0.251 χ^2/NDF : 1433034.3/3

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.314 $\pm$ 0.170 χ^2/NDF : 2655627.1/9

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.347 χ^2/NDF : 1.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.598 ± 0.324 χ^2/NDF : 0.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

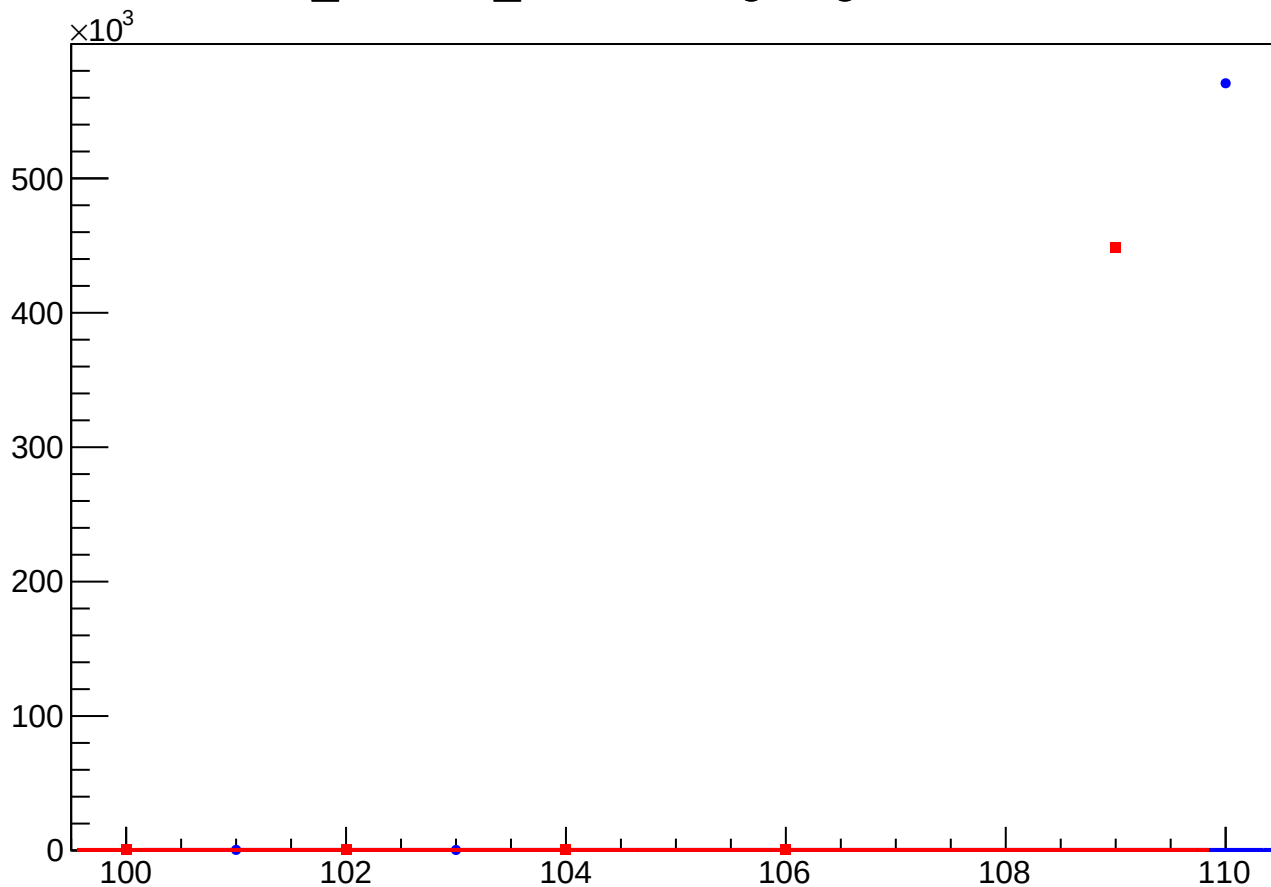
Right: -0.329 ± 0.237 χ^2/NDF : 3.4/9

In: -0.020 ± 0.347 χ^2/NDF : 1.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.329 ± 0.237 χ^2/NDF : 3.4/9

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 388.745 $\pm$ 0.245 χ^2/NDF : 761956.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 386.673 $\pm$ 0.229 χ^2/NDF : 841527.7/4

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

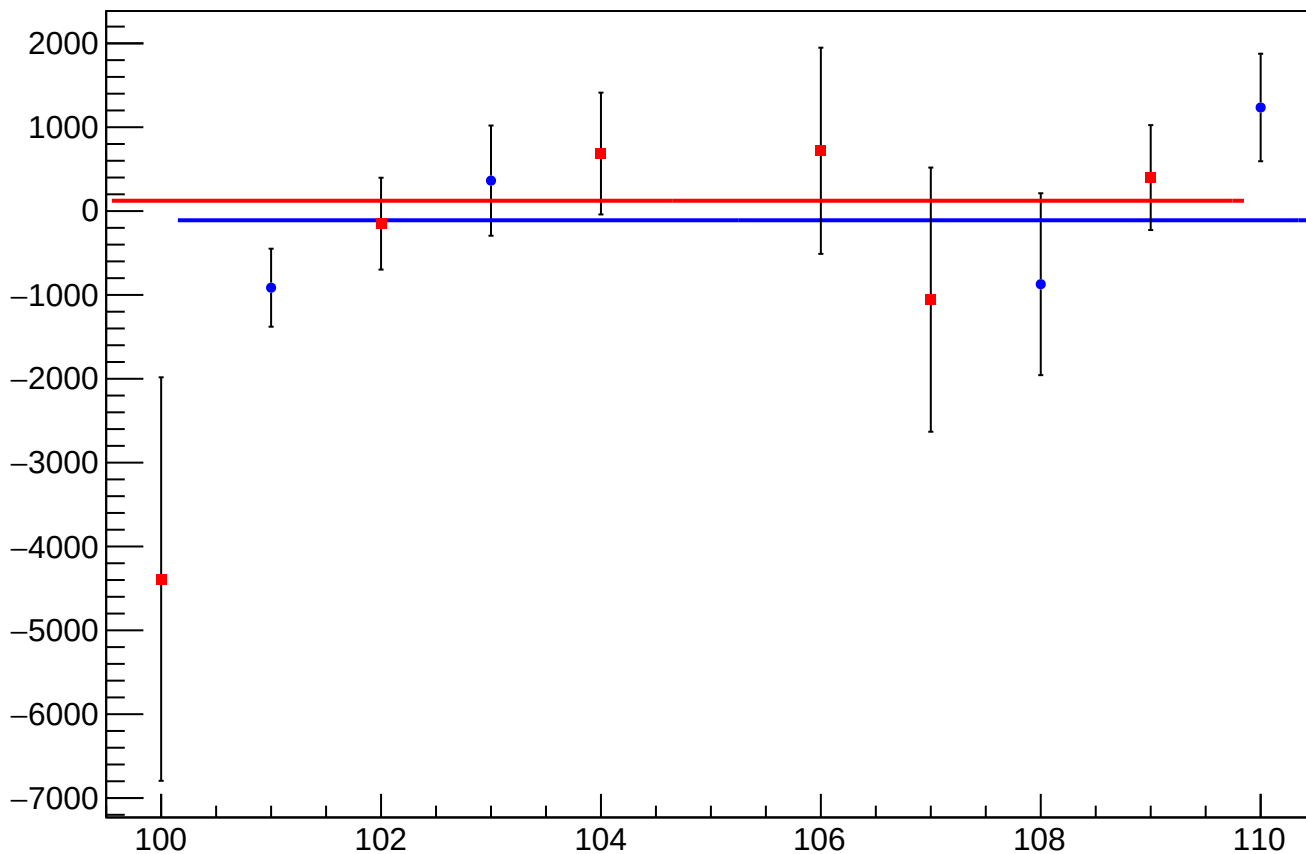
Right: 387.637 $\pm$ 0.167 χ^2/NDF : 1603522.7/7

In: 388.745 $\pm$ 0.245 χ^2/NDF : 761956.9/2

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 387.637 $\pm$ 0.167 χ^2/NDF : 1603522.7/7

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -109.677+/-312.797 χ^2/NDF : 8.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.352+/-332.950 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

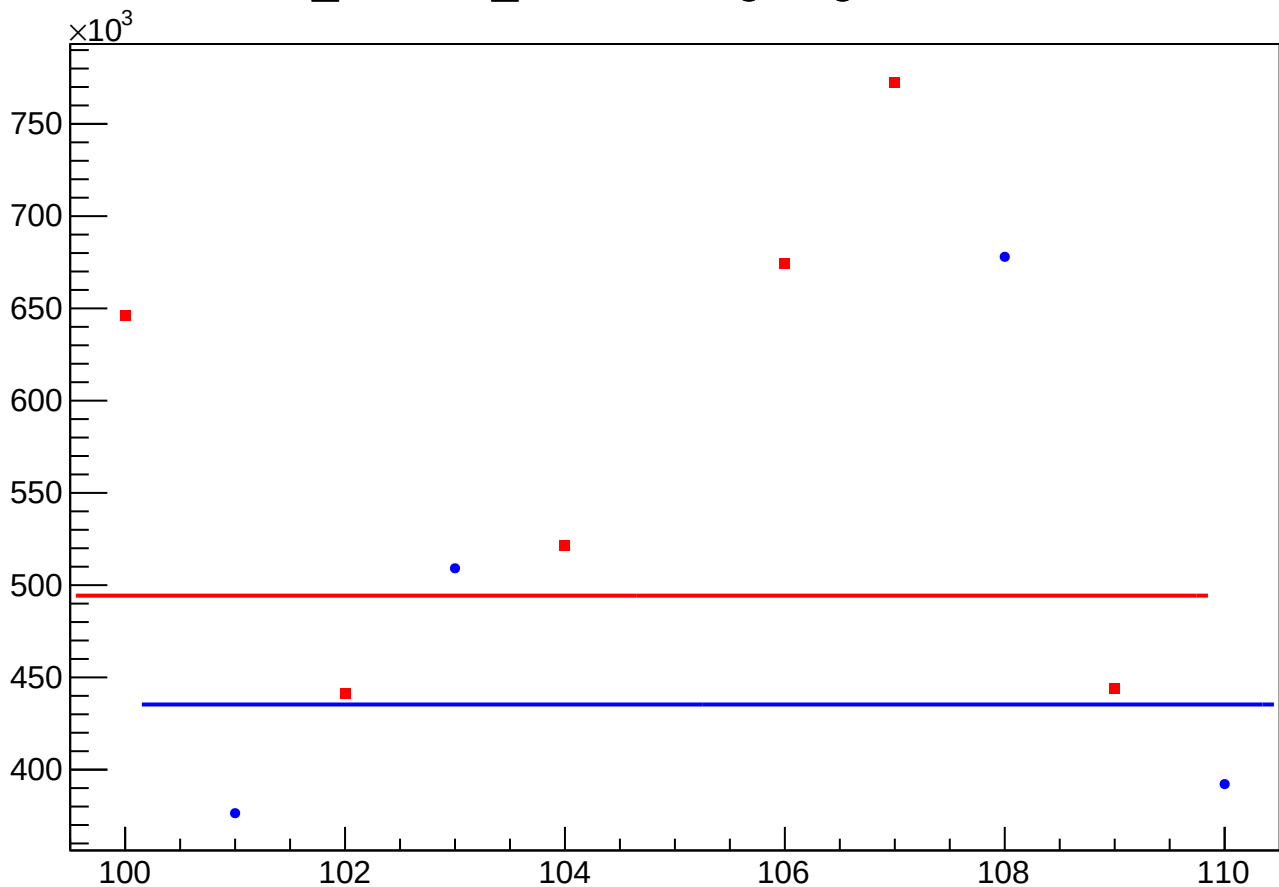
Right: -0.428+/-227.973 χ^2/NDF : 14.0/9

In: -109.677+/-312.797 χ^2/NDF : 8.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

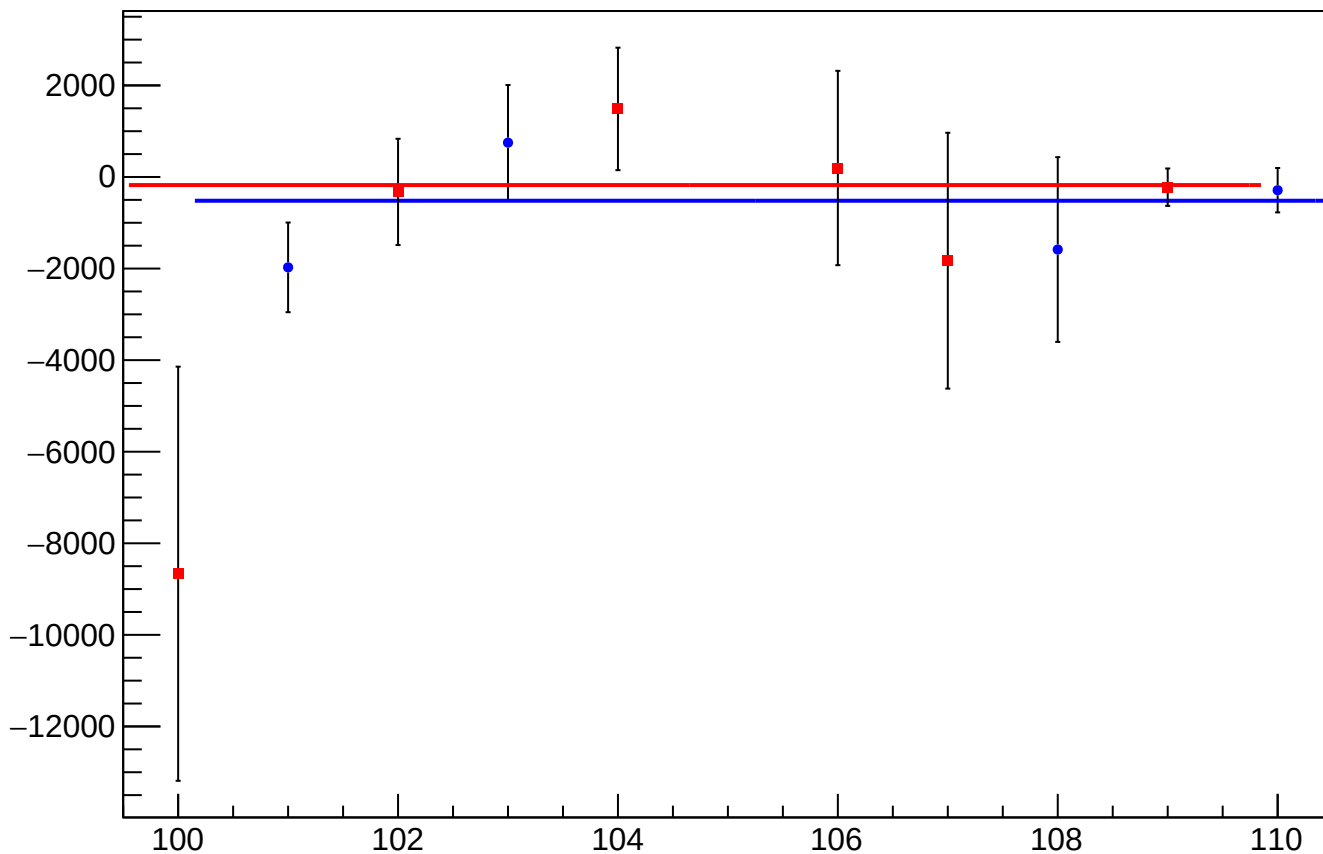
All: -0.428+/-227.973 χ^2/NDF : 14.0/9

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 435317.584 $\pm$ 221.181 χ^2/NDF : 166483.8/3
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 494313.054 $\pm$ 235.701 χ^2/NDF : 146486.3/5
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 462942.271 $\pm$ 161.288 χ^2/NDF : 346283.5/9
 In: 435317.584 $\pm$ 221.181 χ^2/NDF : 166483.8/3
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 462942.271 $\pm$ 161.288 χ^2/NDF : 346283.5/9

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -518.729+/-402.453 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -176.532+/-360.340 χ^2/NDF : 5.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

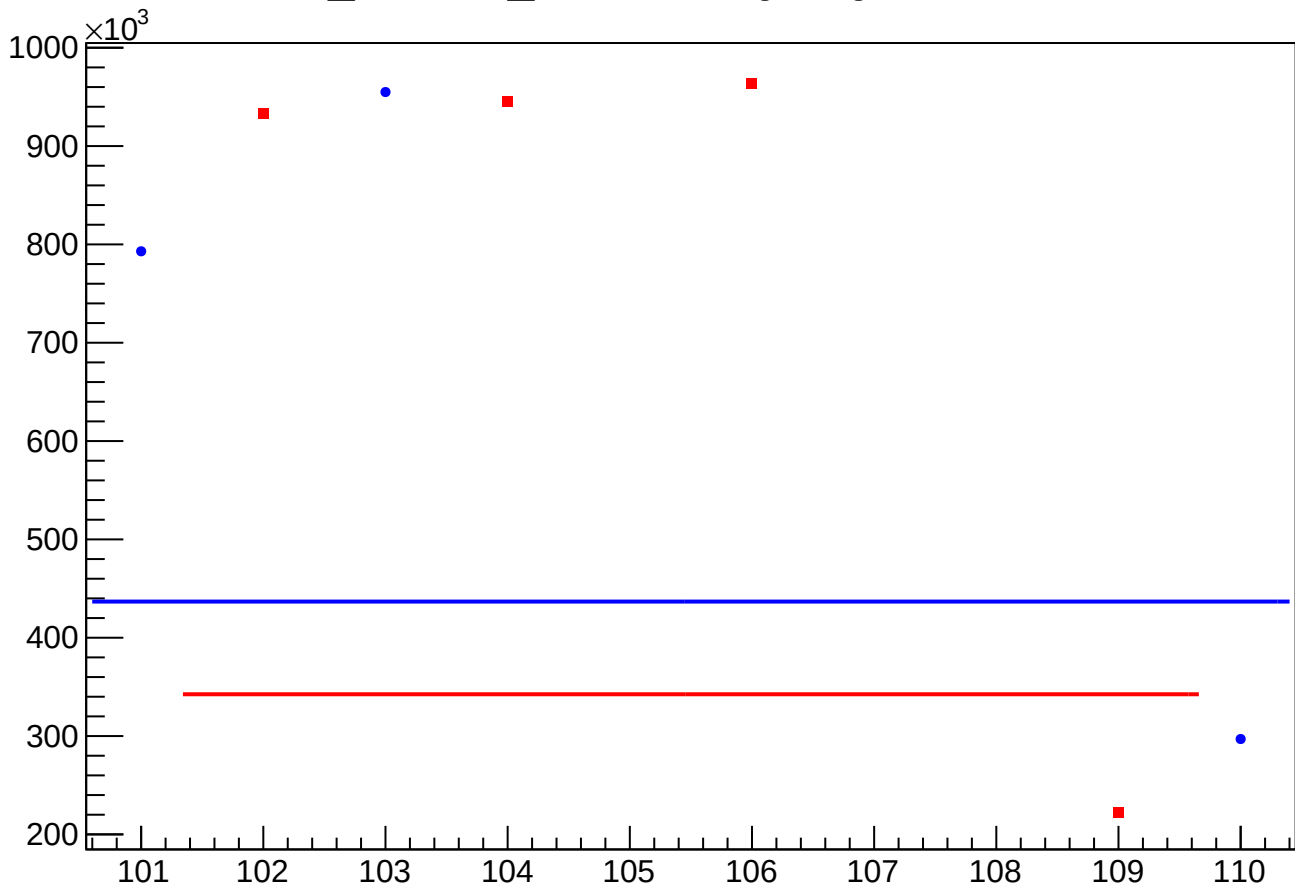
Right: -328.796+/-268.457 χ^2/NDF : 9.6/9

In: -518.729+/-402.453 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

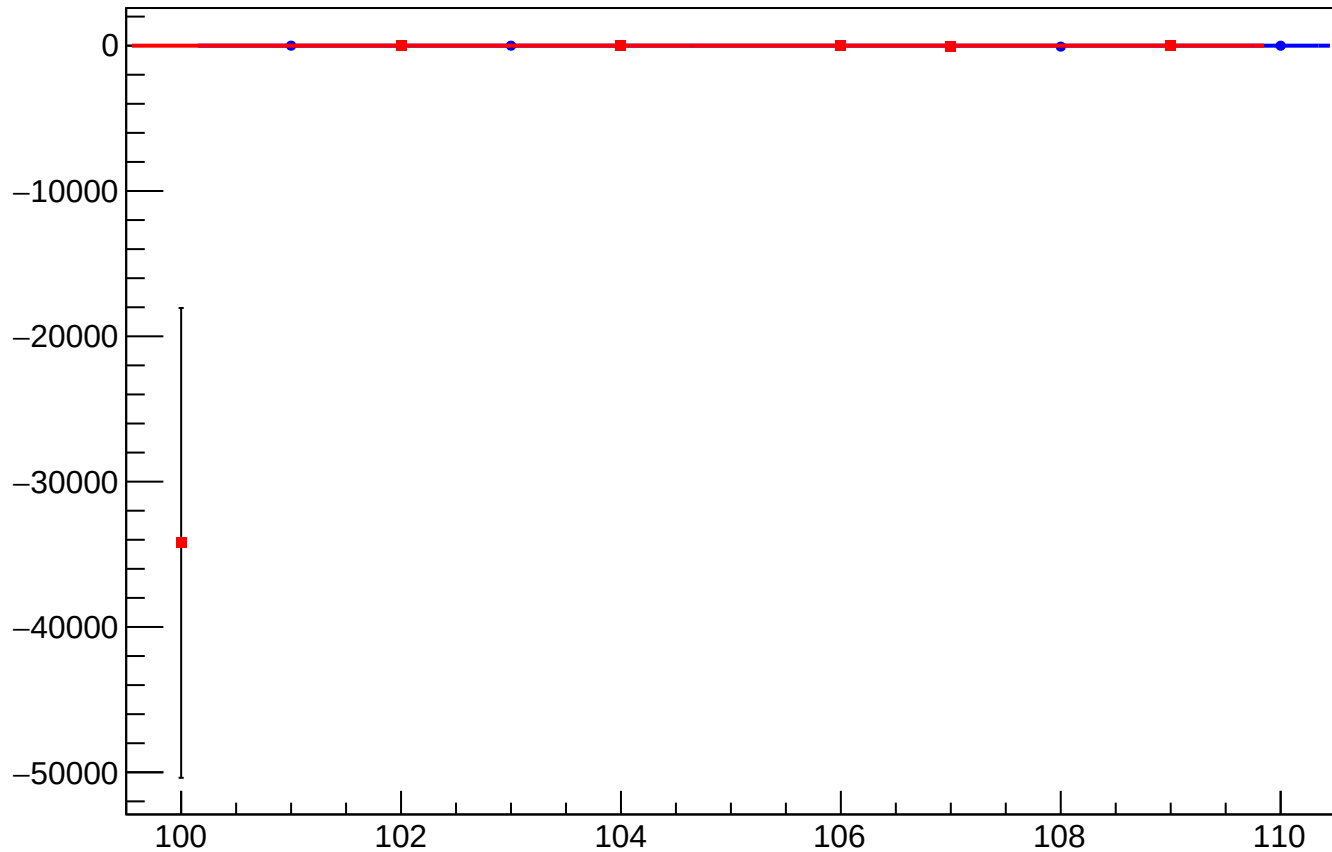
All: -328.796+/-268.457 χ^2/NDF : 9.6/9

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 436767.328+/-295.461 χ^2/NDF : 662076.7/2
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 384742.770+/-197.789 χ^2/NDF : 1728704.9/6
 Right Out: 342497.945+/-266.246 χ^2/NDF : 1010448.5/3
 In: 436767.328+/-295.461 χ^2/NDF : 662076.7/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 384742.770+/-197.789 χ^2/NDF : 1728704.9/6

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.172 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.355+/-0.160 χ^2/NDF : 5.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

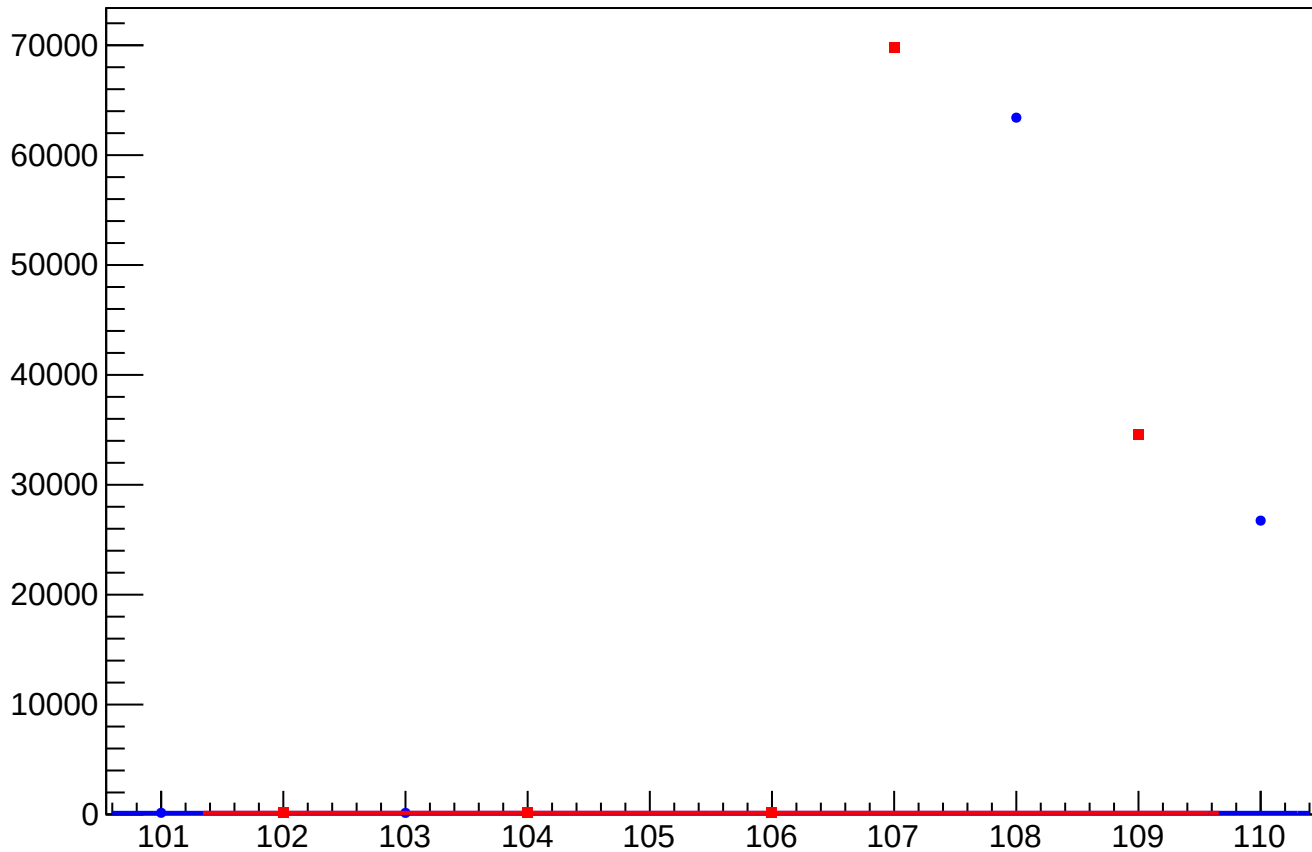
Right: 0.174+/-0.117 χ^2/NDF : 9.1/9

In: -0.035+/-0.172 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.174+/-0.117 χ^2/NDF : 9.1/9

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.620+/-0.122 χ^2/NDF : 1054121.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.991+/-0.113 χ^2/NDF : 1083472.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

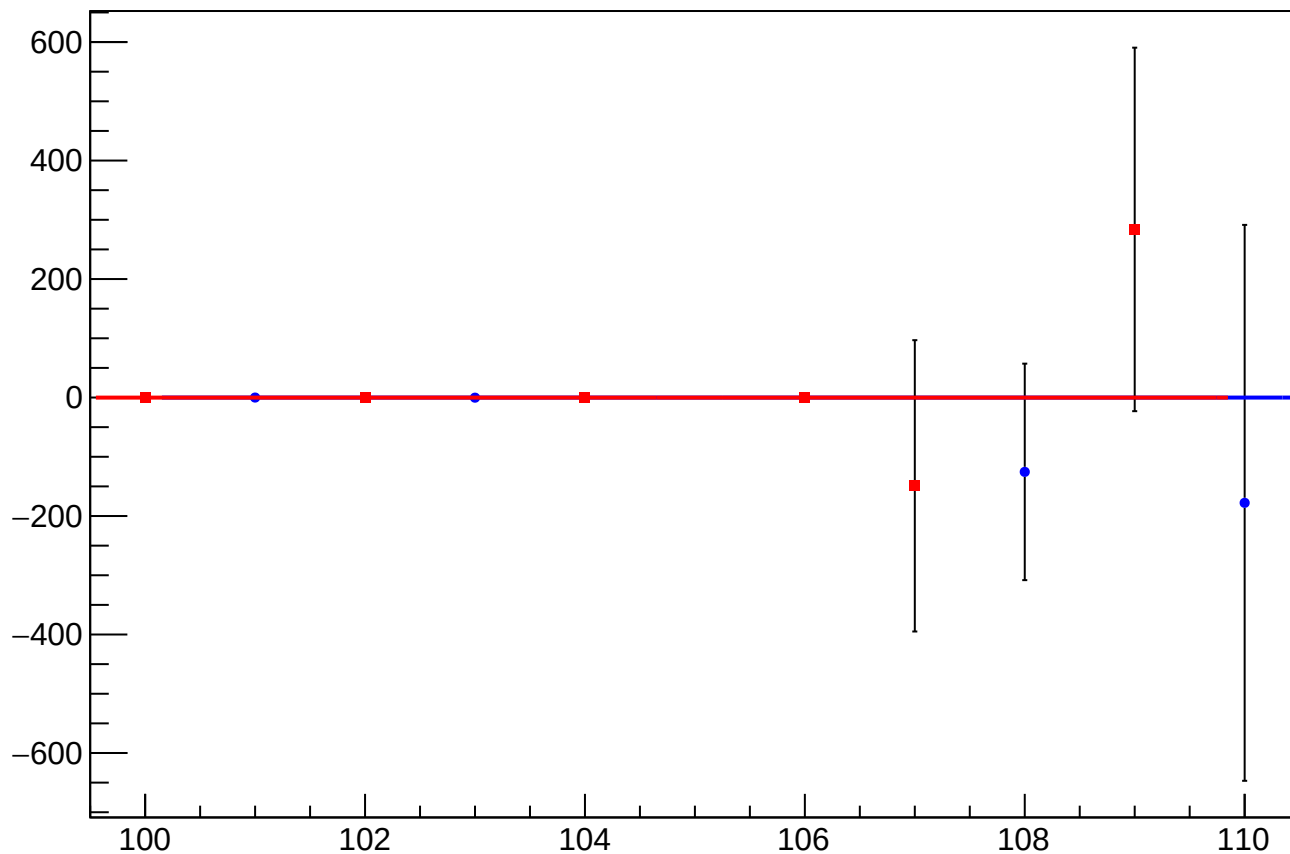
Right: 148.819+/-0.083 χ^2/NDF : 2137599.0/8

In: 148.620+/-0.122 χ^2/NDF : 1054121.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.819+/-0.083 χ^2/NDF : 2137599.0/8

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068+/-0.177 χ^2 /NDF: 0.7/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.126+/-0.166 χ^2 /NDF: 1.4/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

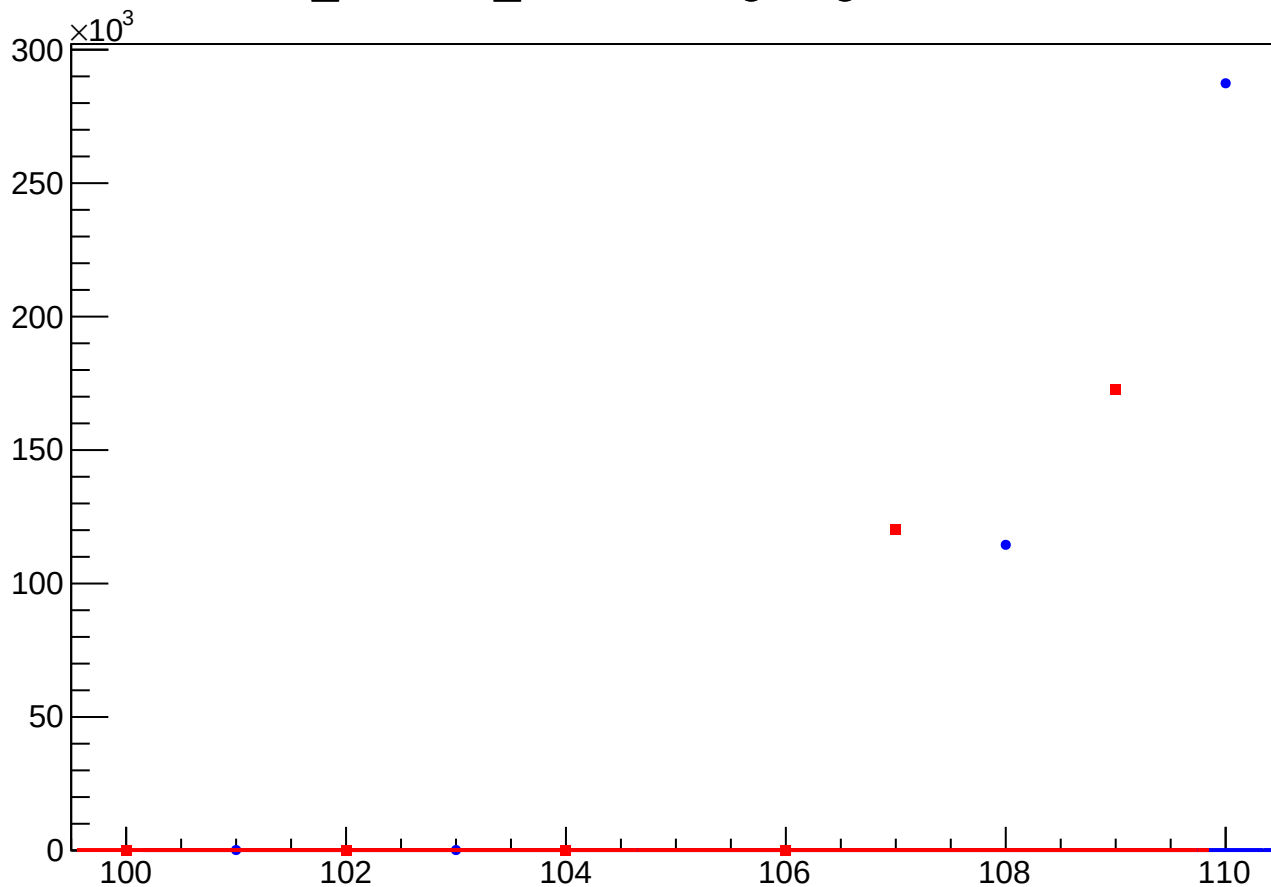
Right: -0.099+/-0.121 χ^2 /NDF: 2.2/9

In: -0.068+/-0.177 χ^2 /NDF:0.7/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.099+/-0.121 χ^2 /NDF: 2.2/9

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 152.663 $\pm$ 0.125 χ^2 /NDF: 1533838.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.459 $\pm$ 0.118 χ^2 /NDF: 1102395.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

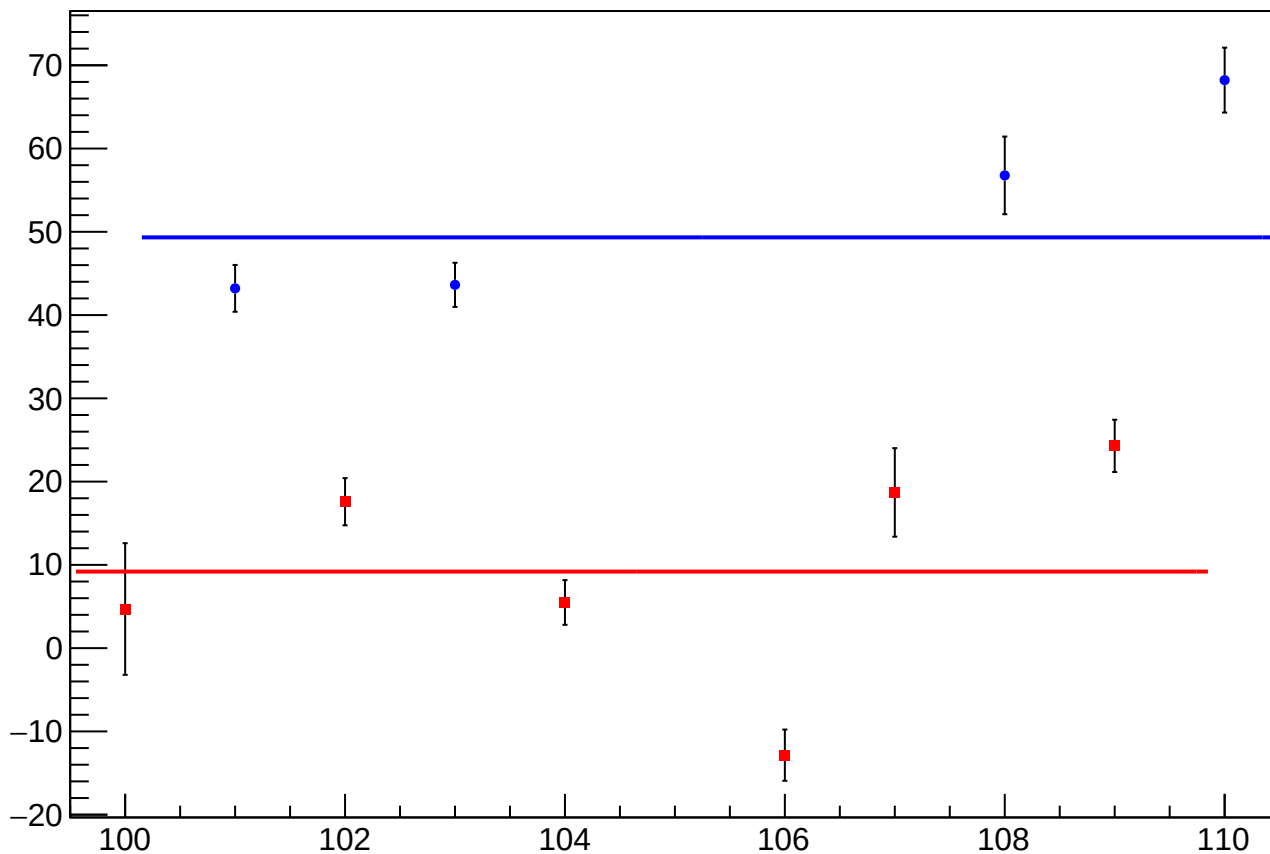
Right: 154.148 $\pm$ 0.086 χ^2 /NDF: 2636498.3/9

In: 152.663 $\pm$ 0.125 χ^2 /NDF:1533838.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 154.148 $\pm$ 0.086 χ^2 /NDF: 2636498.3/9

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 49.332+/-1.621 χ^2/NDF : 35.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.198+/-1.384 χ^2/NDF : 88.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

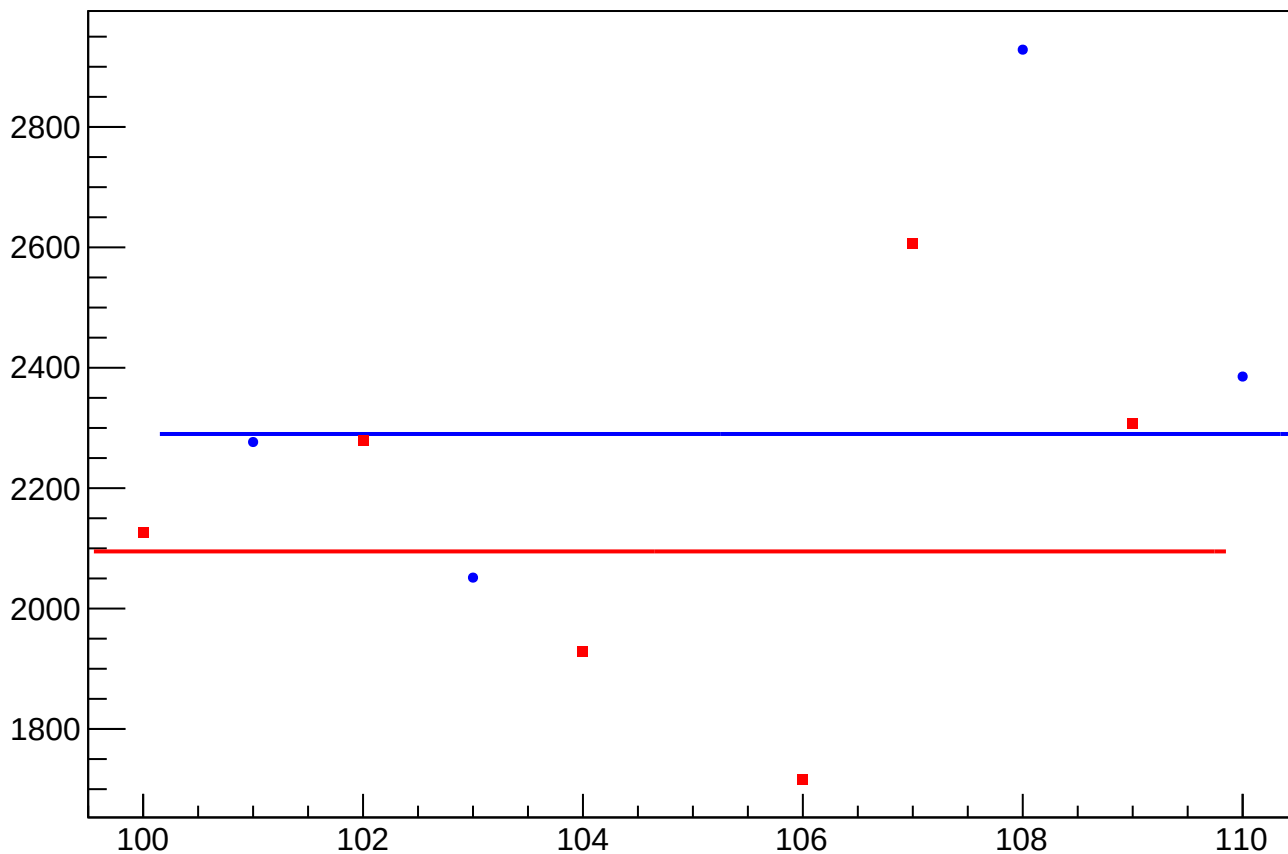
Right: 26.125+/-1.053 χ^2/NDF : 478.7/9

In: 49.332+/-1.621 χ^2/NDF : 35.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.125+/-1.053 χ^2/NDF : 478.7/9

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2289.992+/-1.146 χ^2/NDF : 54921.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2094.911+/-0.979 χ^2/NDF : 74207.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

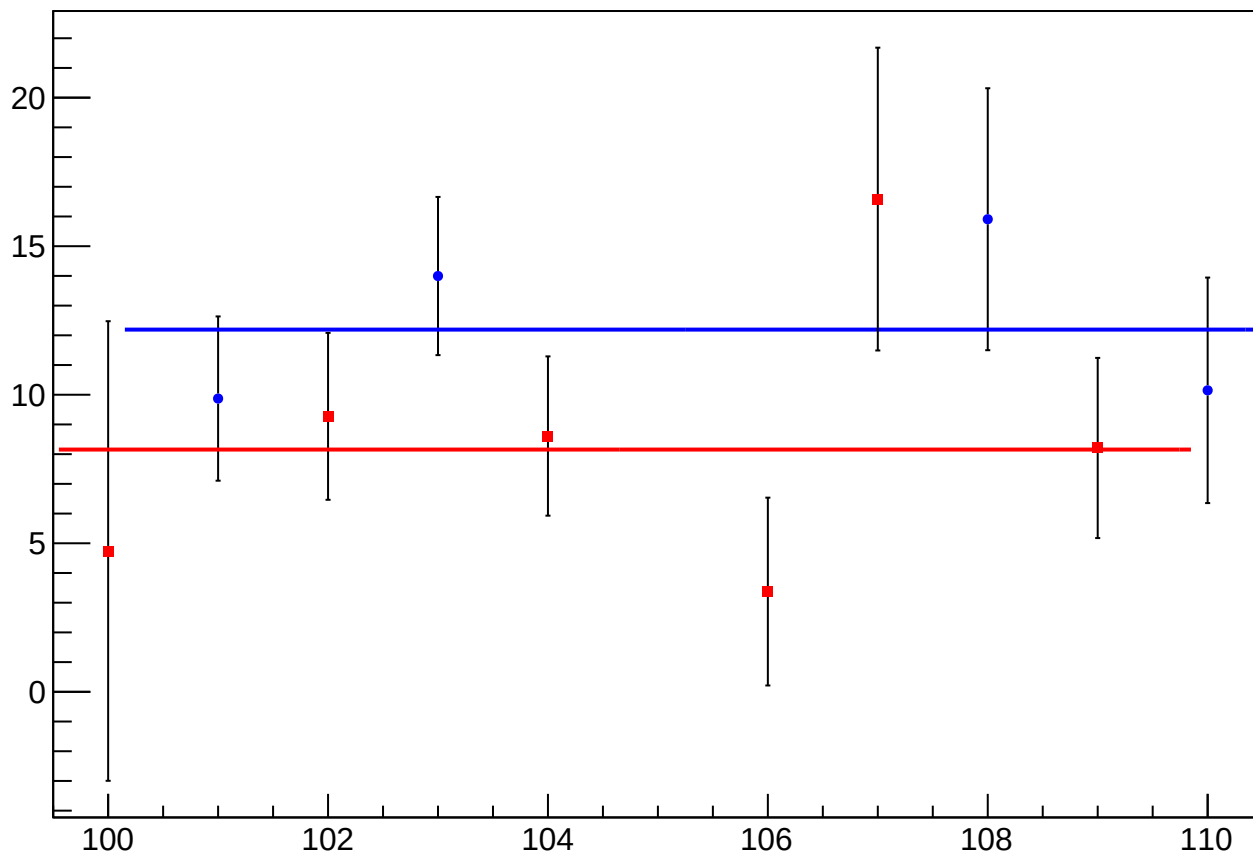
Right: 2177.189+/-0.744 χ^2/NDF : 145883.9/9

In: 2289.992+/-1.146 χ^2/NDF : 54921.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2177.189+/-0.744 χ^2/NDF : 145883.9/9

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 12.193+/-1.596 χ^2/NDF : 2.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.155+/-1.374 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

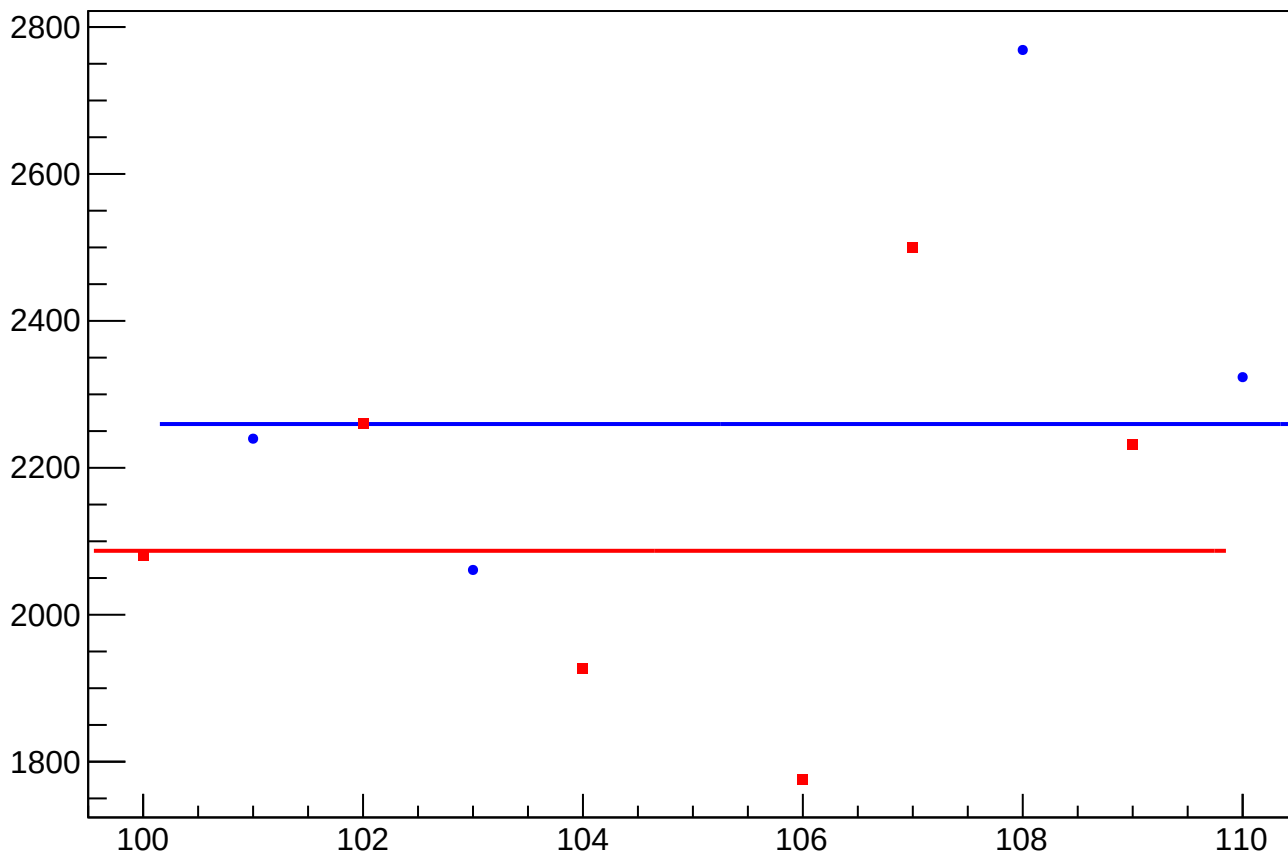
Right: 9.874+/-1.041 χ^2/NDF : 11.2/9

In: 12.193+/-1.596 χ^2/NDF : 2.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.874+/-1.041 χ^2/NDF : 11.2/9

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2259.604 $\pm$ 1.128 χ^2 /NDF: 38474.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2087.051 $\pm$ 0.971 χ^2 /NDF: 51805.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

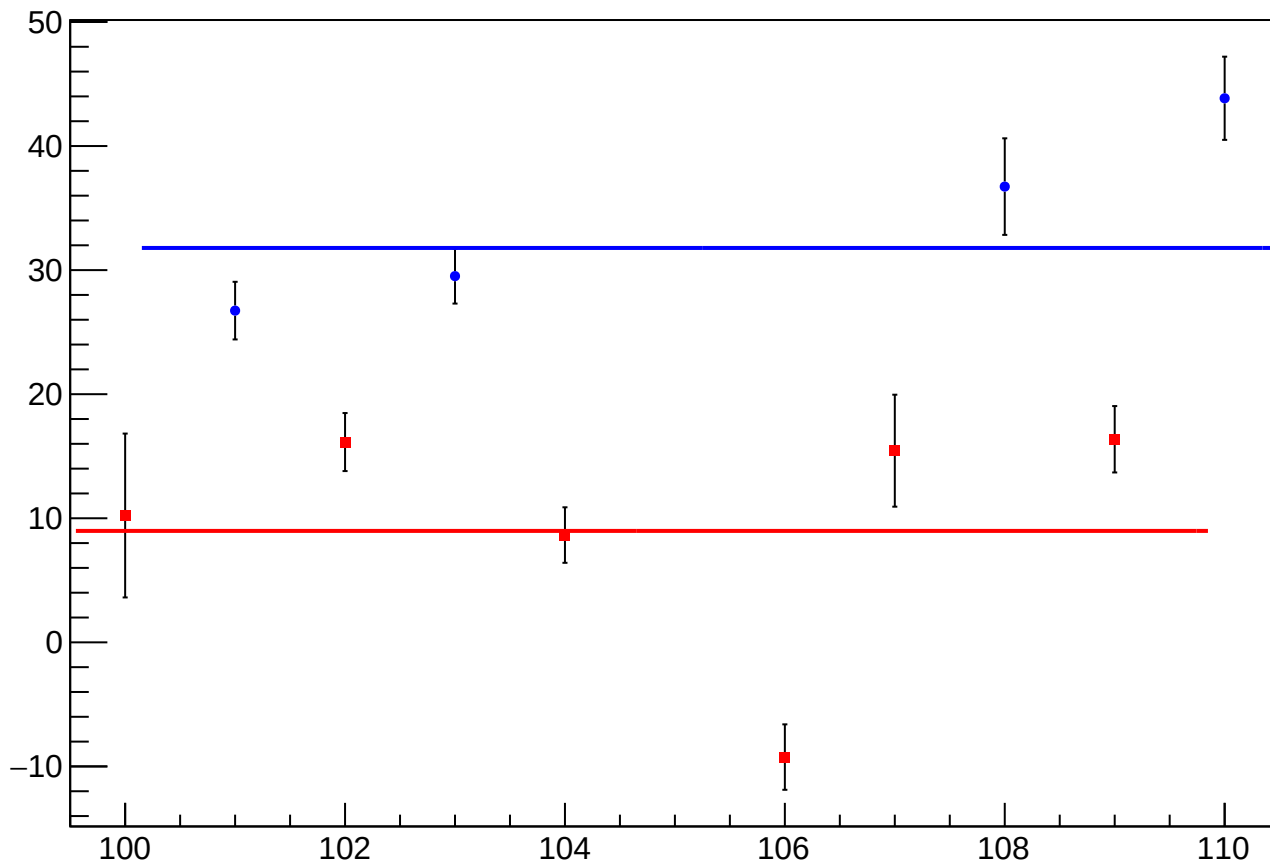
Right: 2160.503 $\pm$ 0.736 χ^2 /NDF: 103711.7/9

In: 2259.604 $\pm$ 1.128 χ^2 /NDF:38474.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2160.503 $\pm$ 0.736 χ^2 /NDF: 103711.7/9

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 31.786 $\pm$ 1.355 χ^2 /NDF: 20.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.981 $\pm$ 1.164 χ^2 /NDF: 66.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

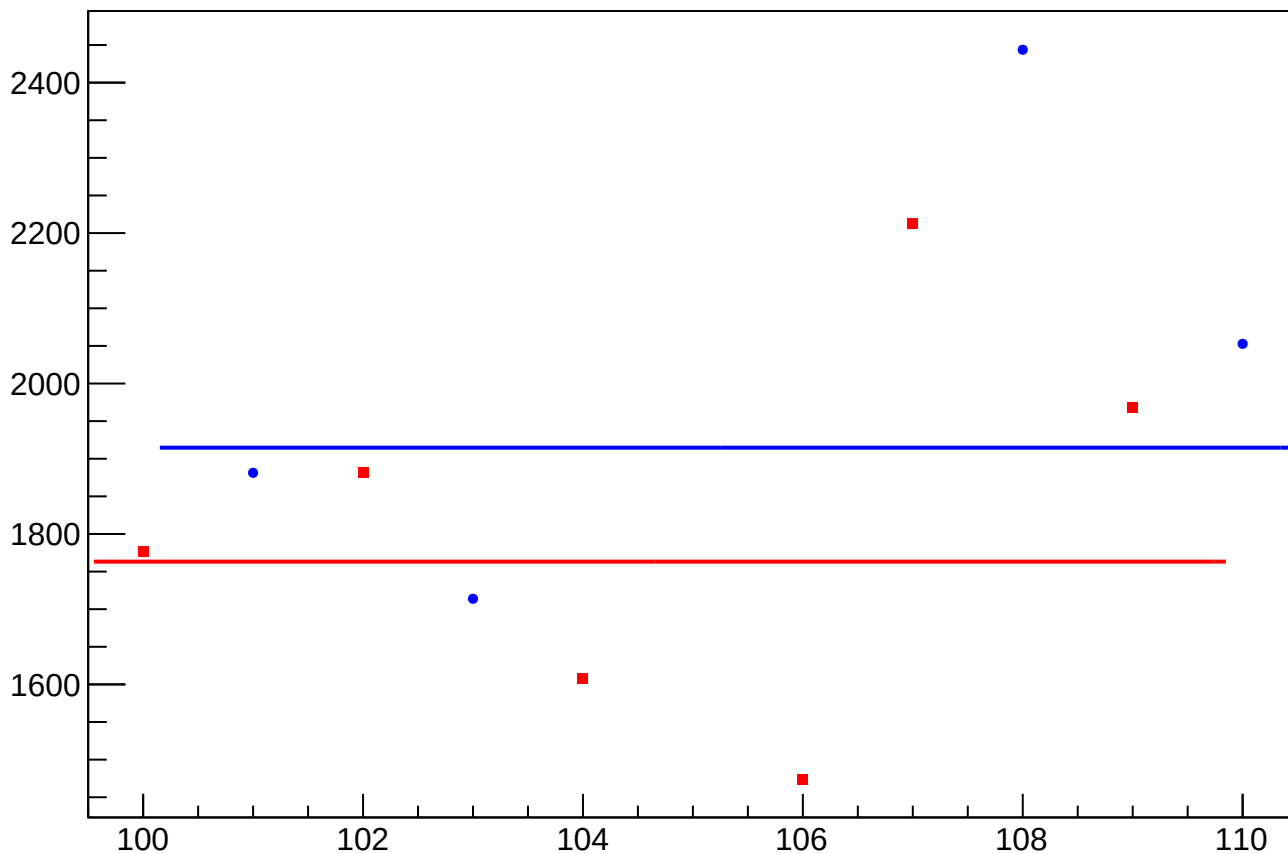
Right: 18.662 $\pm$ 0.883 χ^2 /NDF: 250.2/9

In: 31.786 $\pm$ 1.355 χ^2 /NDF: 20.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.662 $\pm$ 0.883 χ^2 /NDF: 250.2/9

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1914.727+/-0.958 χ^2/NDF : 57238.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1763.236+/-0.823 χ^2/NDF : 70457.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

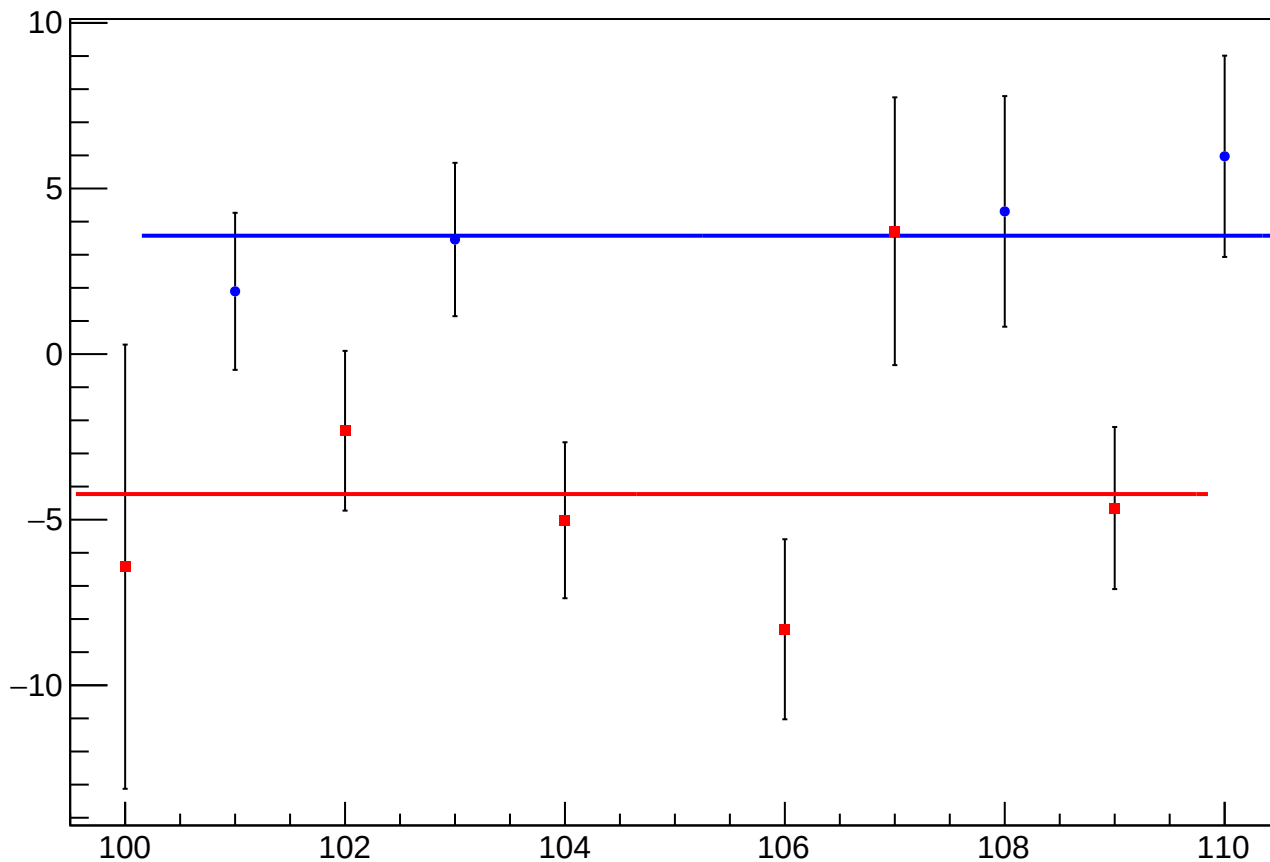
Right: 1827.549+/-0.624 χ^2/NDF : 142078.4/9

In: 1914.727+/-0.958 χ^2/NDF : 57238.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1827.549+/-0.624 χ^2/NDF : 142078.4/9

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 3.575+/-1.342 χ^2/NDF : 1.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.226+/-1.164 χ^2/NDF : 7.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

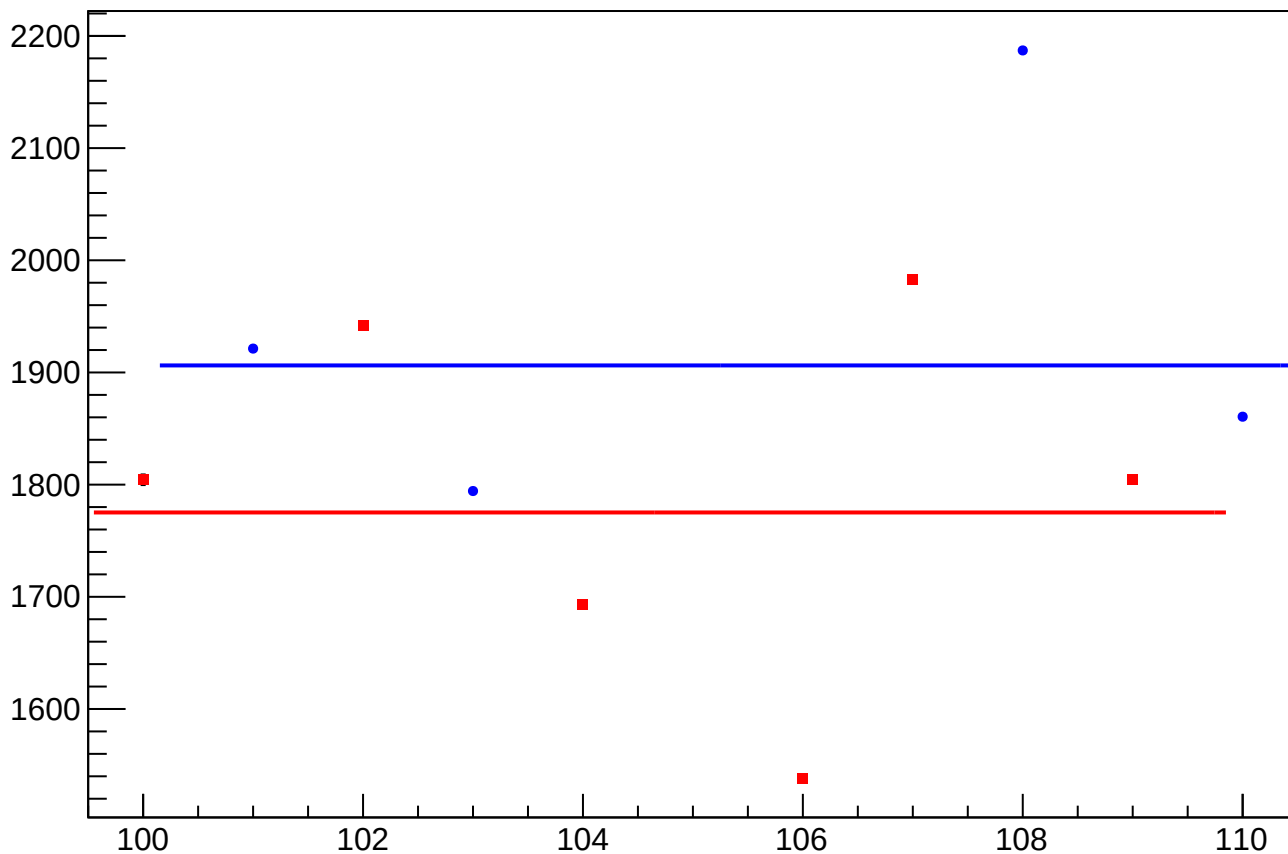
Right: -0.877+/-0.879 χ^2/NDF : 27.4/9

In: 3.575+/-1.342 χ^2/NDF : 1.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.877+/-0.879 χ^2/NDF : 27.4/9

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1906.271+/-0.949 χ^2/NDF : 18217.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1775.192+/-0.823 χ^2/NDF : 32784.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

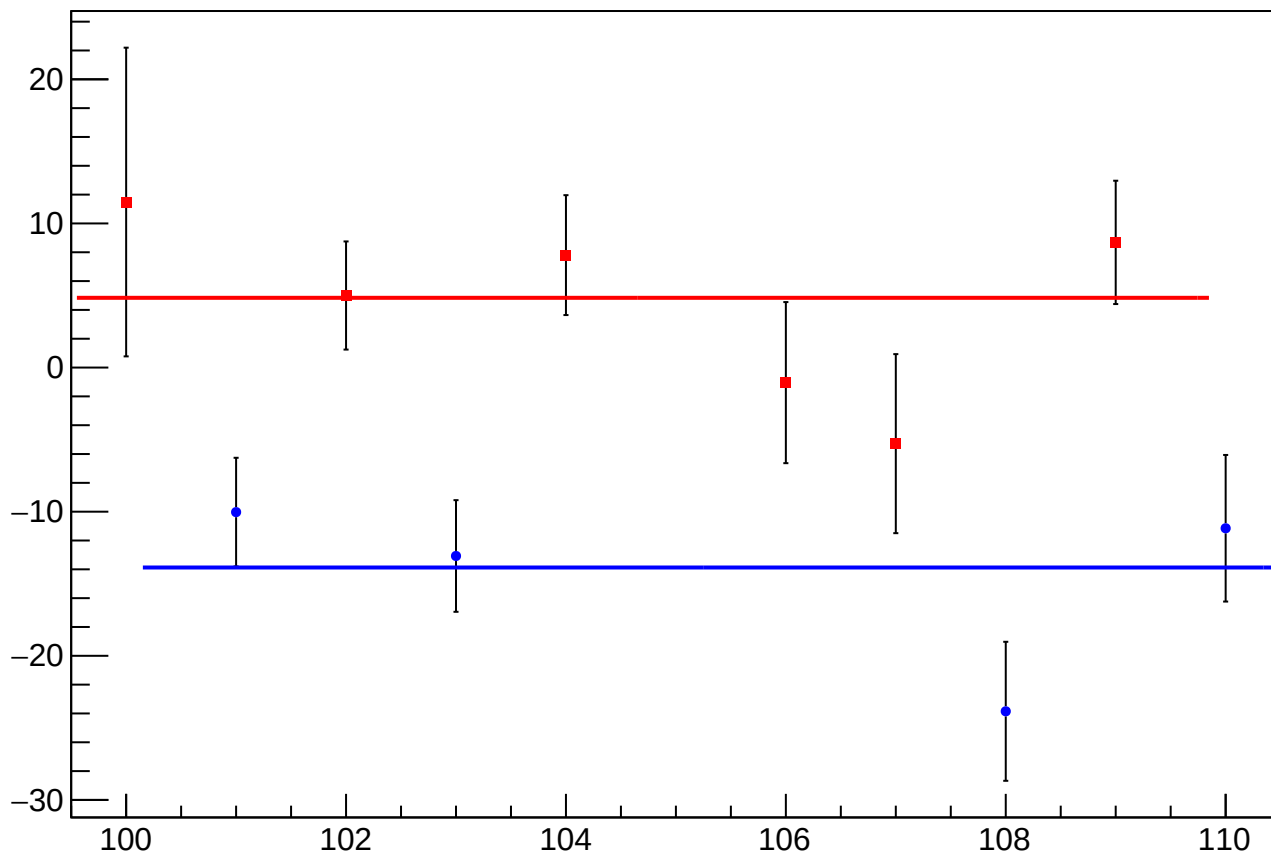
Right: 1831.466+/-0.622 χ^2/NDF : 61888.5/9

In: 1906.271+/-0.949 χ^2/NDF : 18217.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1831.466+/-0.622 χ^2/NDF : 61888.5/9

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -13.873 $\pm$ 2.138 χ^2 /NDF: 5.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.839 $\pm$ 1.999 χ^2 /NDF: 5.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

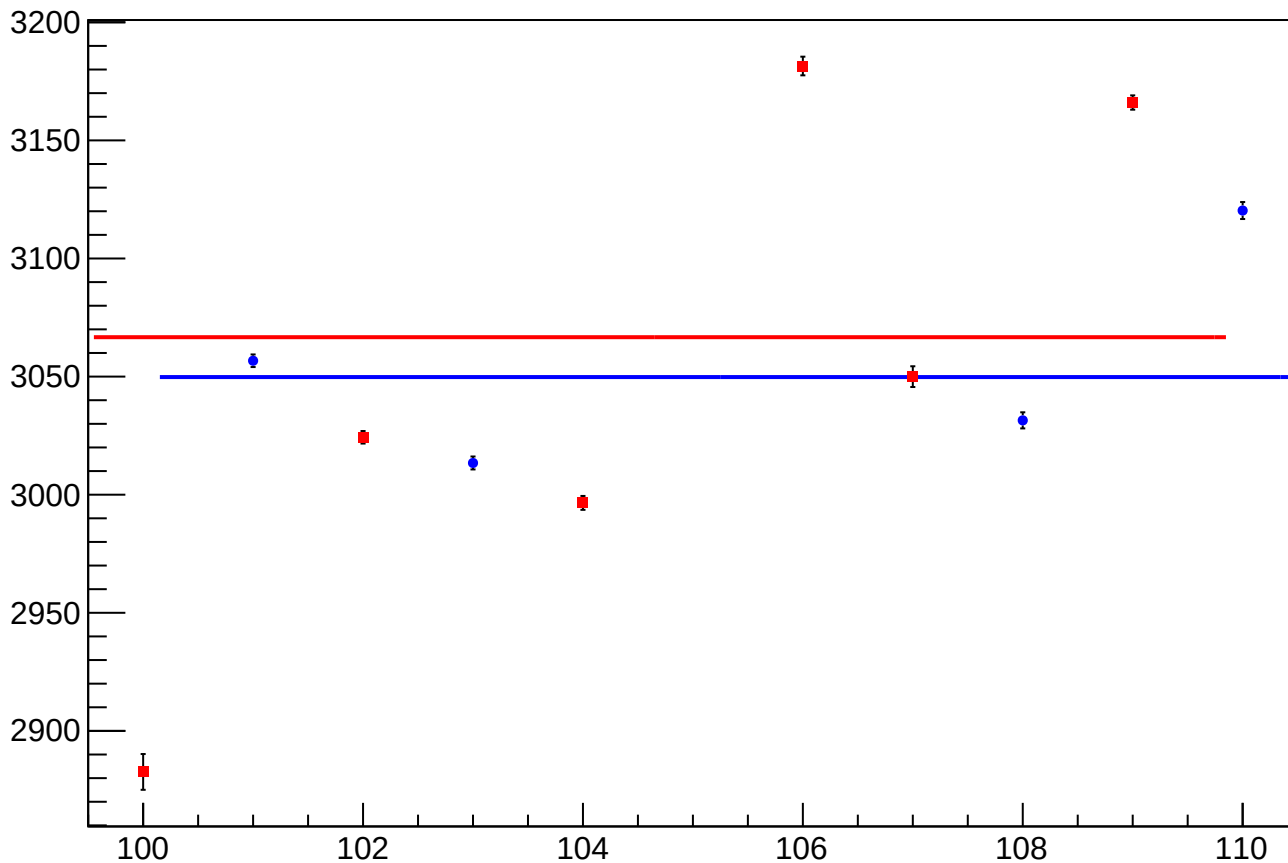
Right: -3.889 $\pm$ 1.460 χ^2 /NDF: 52.0/9

In: -13.873 $\pm$ 2.138 χ^2 /NDF: 5.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.889 $\pm$ 1.460 χ^2 /NDF: 52.0/9

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3049.801+/-1.512 χ^2/NDF : 596.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3066.679+/-1.414 χ^2/NDF : 3351.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

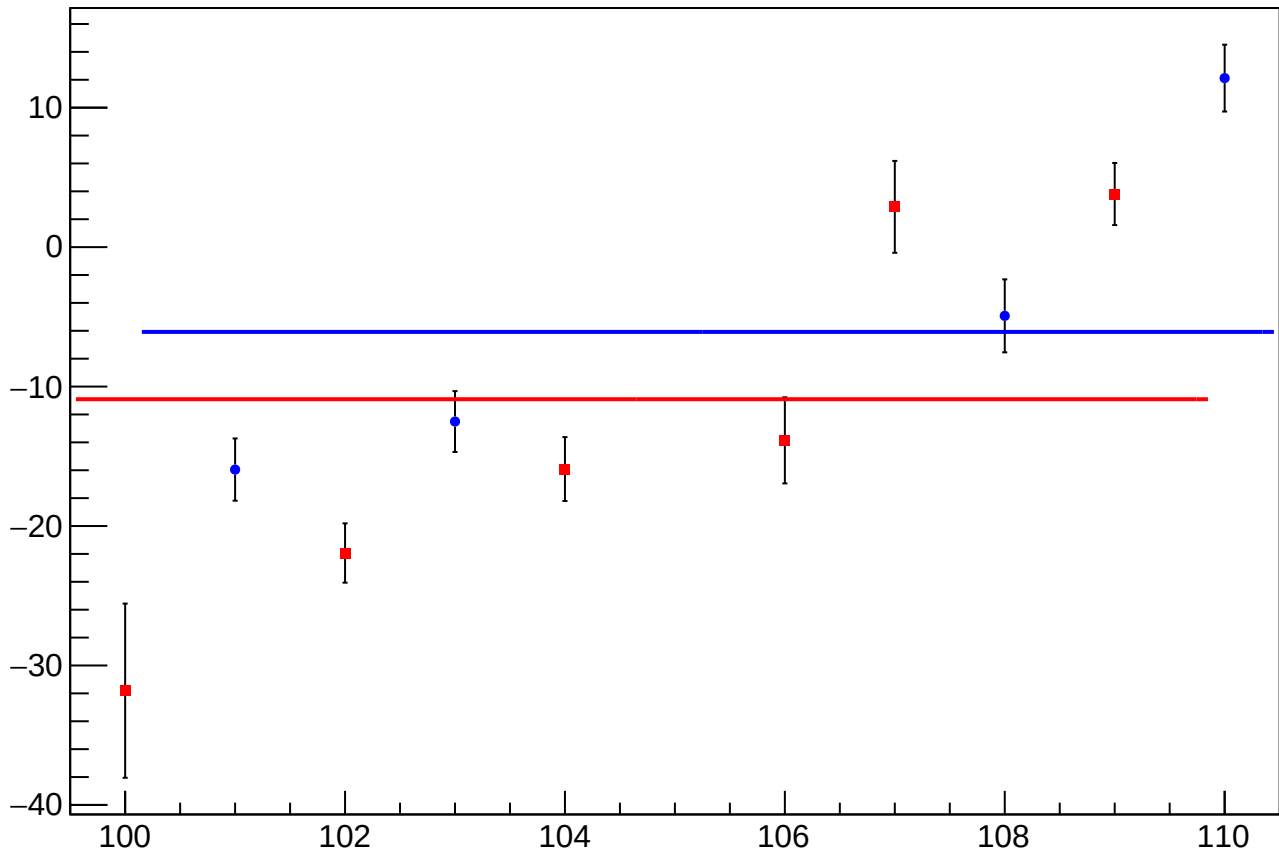
Right: 3058.807+/-1.033 χ^2/NDF : 4014.4/9

In: 3049.801+/-1.512 χ^2/NDF : 596.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3058.807+/-1.033 χ^2/NDF : 4014.4/9

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.080+/-1.170 χ^2/NDF : 86.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.907+/-1.094 χ^2/NDF : 104.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

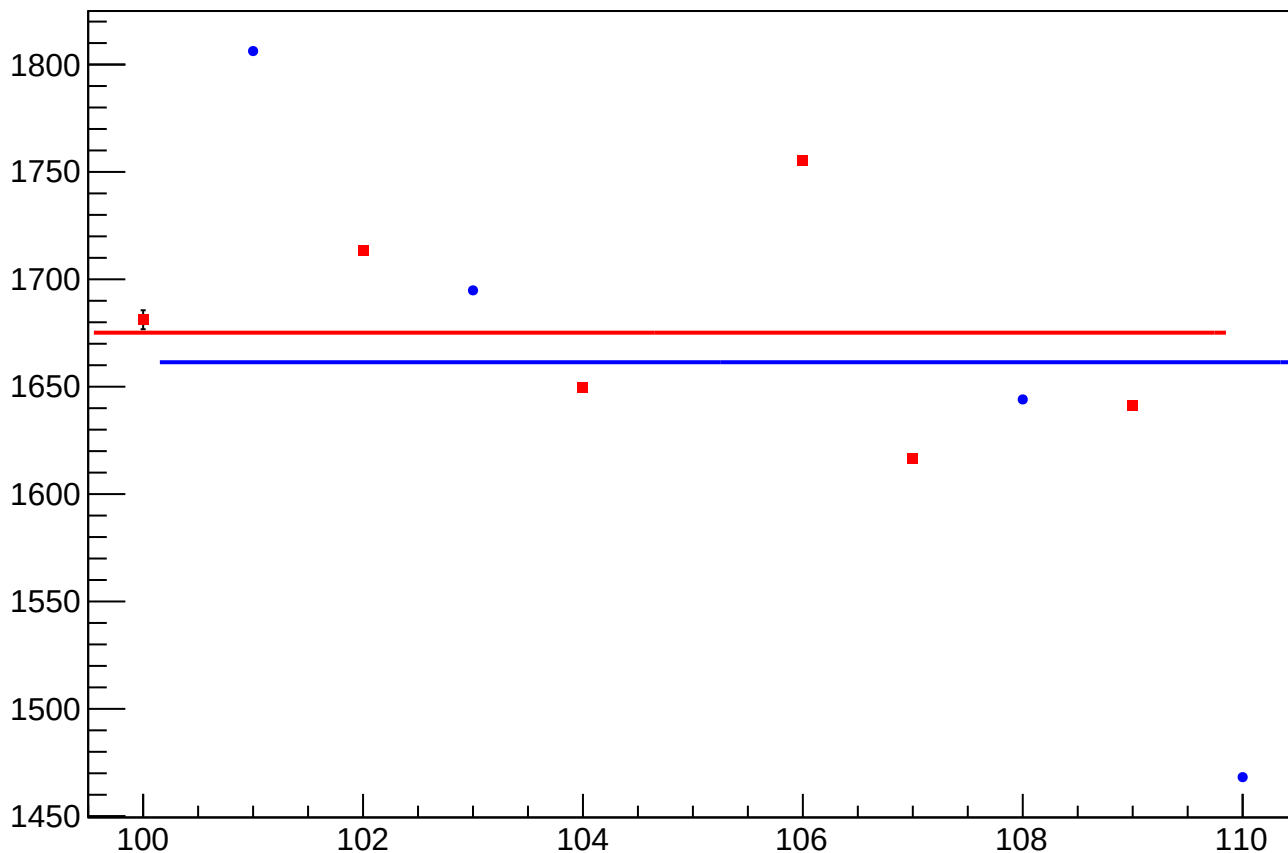
Right: -8.655+/-0.799 χ^2/NDF : 200.1/9

In: -6.080+/-1.170 χ^2/NDF : 86.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.655+/-0.799 χ^2/NDF : 200.1/9

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1661.393+/-0.827 χ^2/NDF : 21976.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1675.156+/-0.773 χ^2/NDF : 3335.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

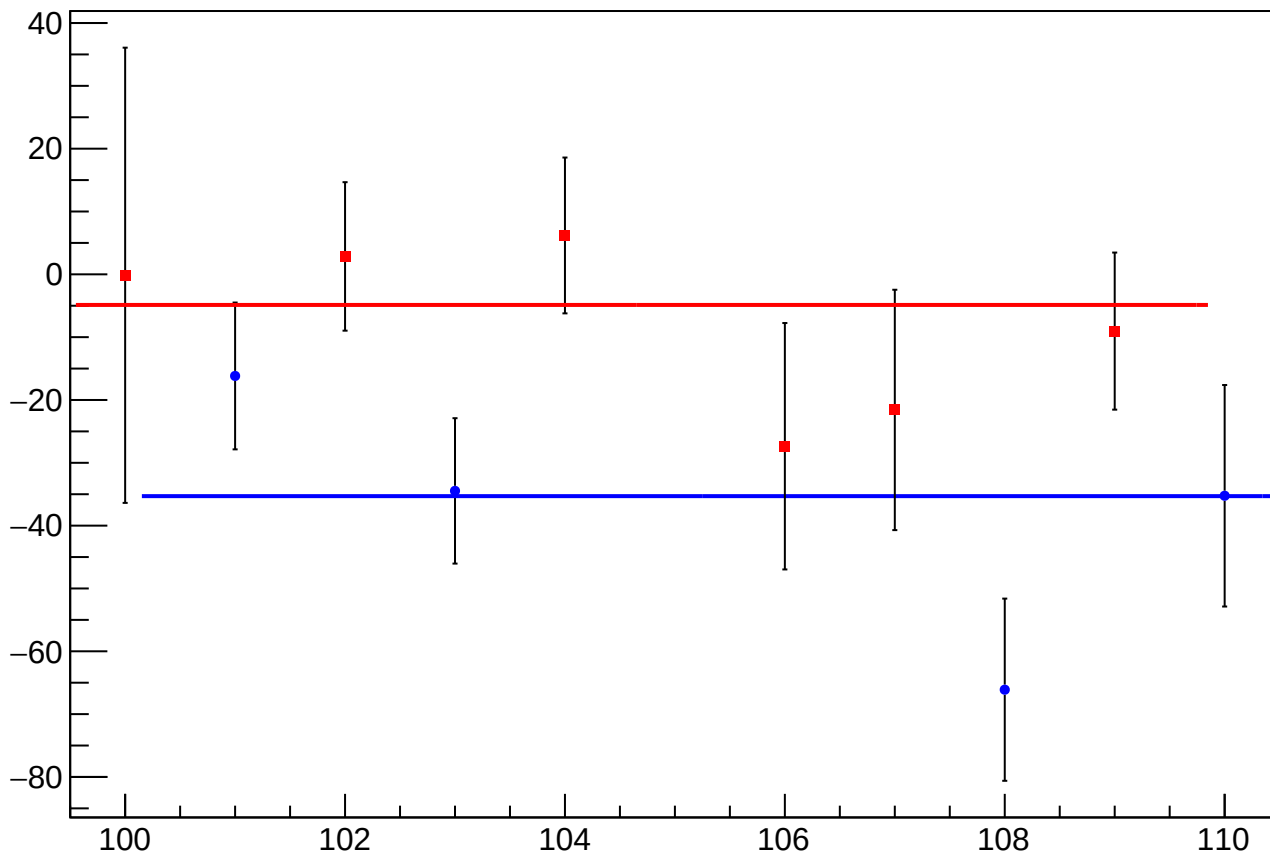
Right: 1668.735+/-0.565 χ^2/NDF : 25459.1/9

In: 1661.393+/-0.827 χ^2/NDF : 21976.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1668.735+/-0.565 χ^2/NDF : 25459.1/9

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -35.305 ± 6.627 χ^2/NDF : 7.2/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.872 ± 6.183 χ^2/NDF : 3.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

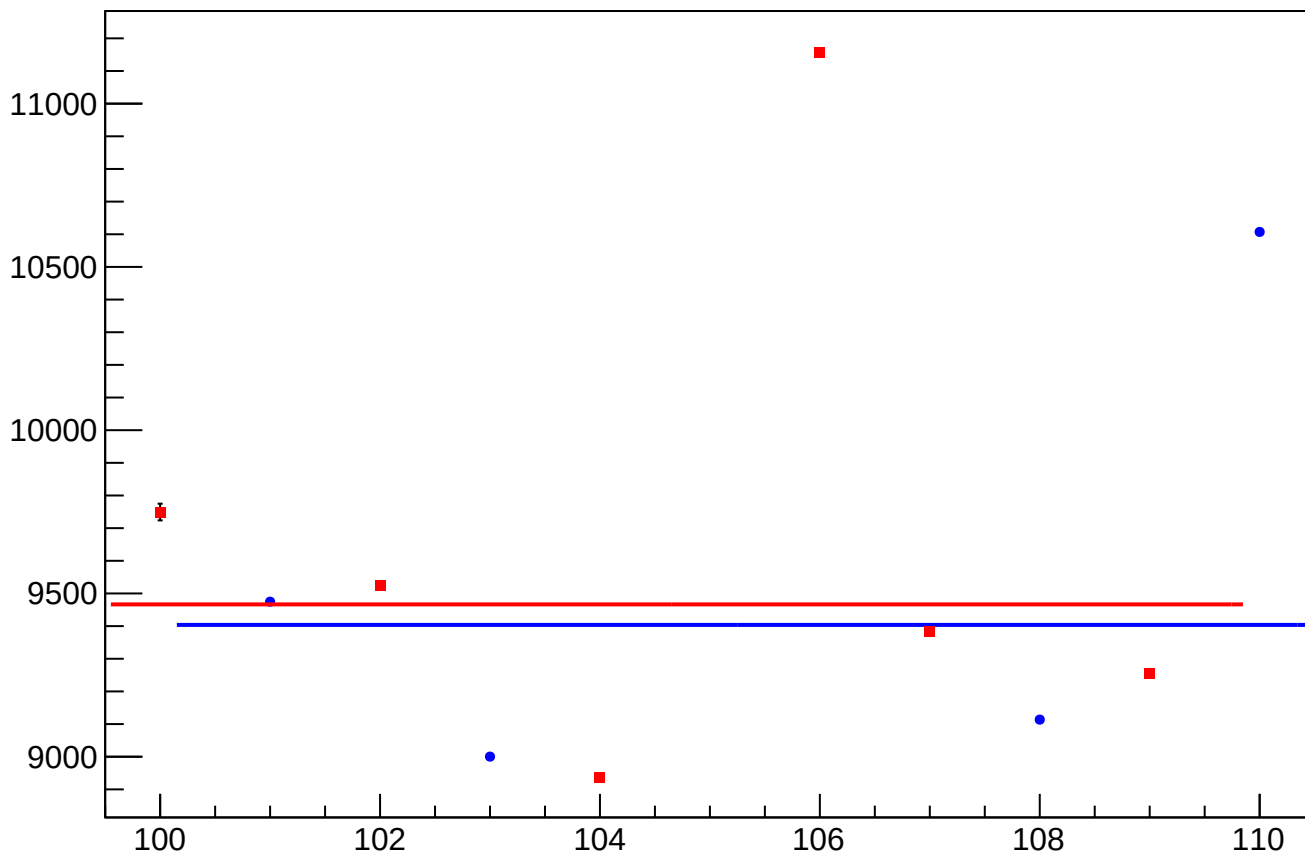
Right: -19.034 ± 4.521 χ^2/NDF : 21.9/9

In: -35.305 ± 6.627 χ^2/NDF : 7.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.034 ± 4.521 χ^2/NDF : 21.9/9

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9403.719+/-4.686 χ^2/NDF : 12625.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9466.512+/-4.372 χ^2/NDF : 19329.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

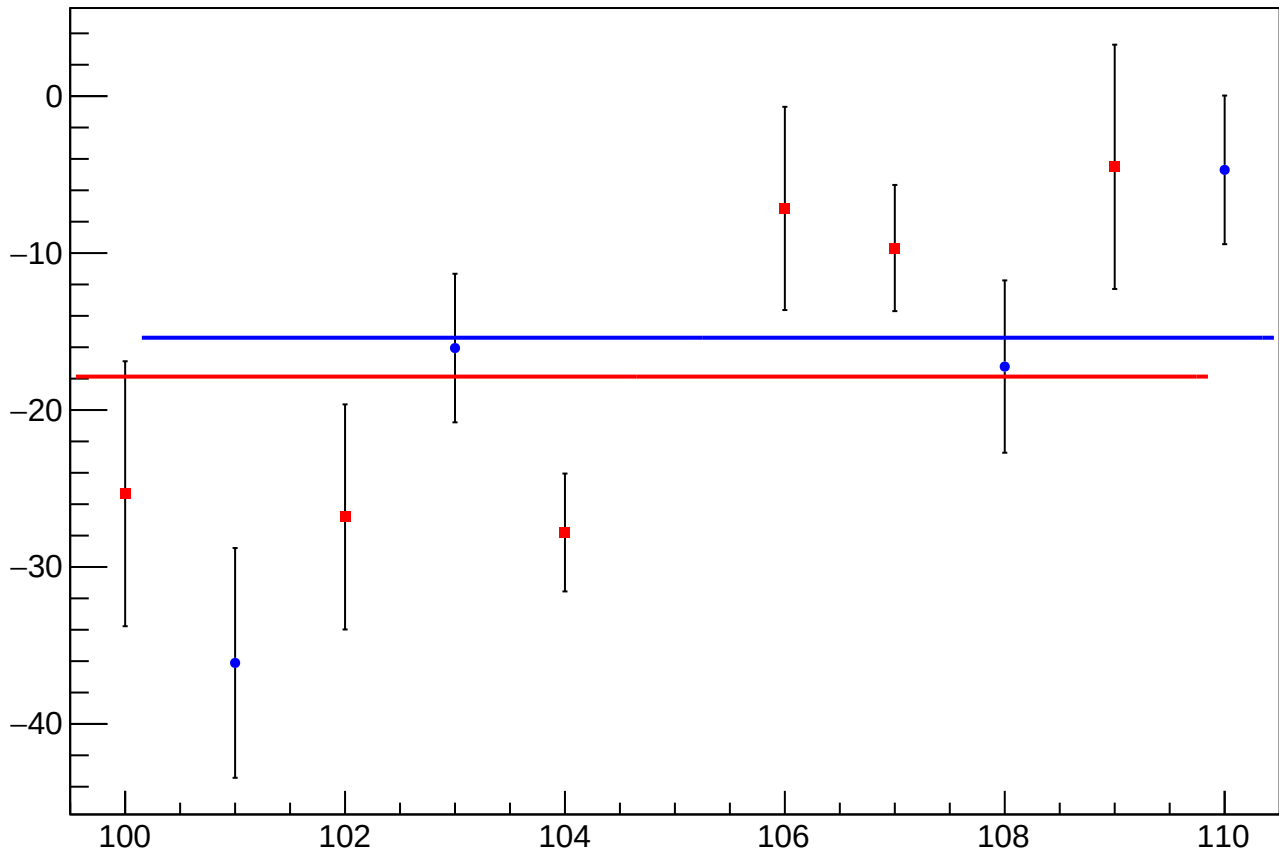
Right: 9437.290+/-3.197 χ^2/NDF : 32051.2/9

In: 9403.719+/-4.686 χ^2/NDF : 12625.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9437.290+/-3.197 χ^2/NDF : 32051.2/9

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -15.393+/-2.662 χ^2/NDF : 13.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.869+/-2.200 χ^2/NDF : 19.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

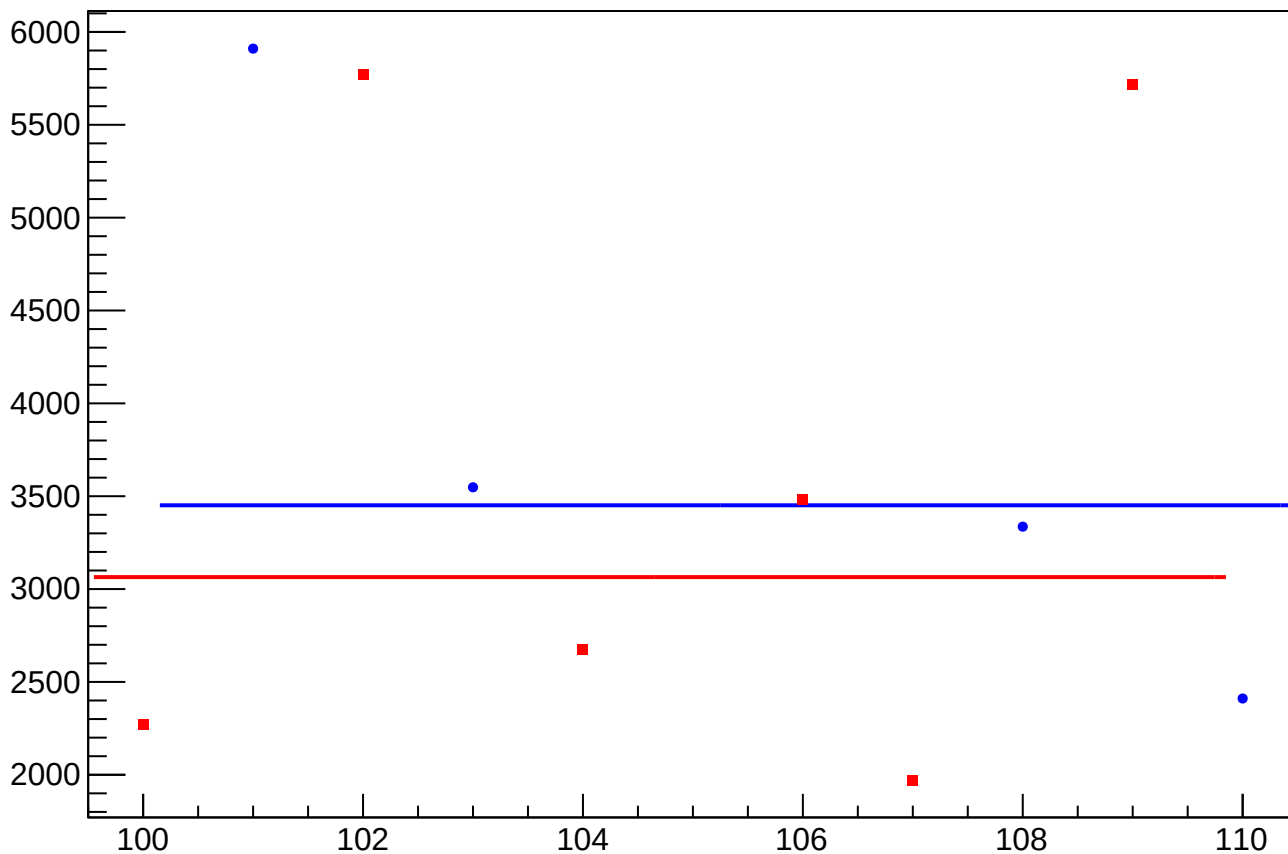
Right: -16.865+/-1.696 χ^2/NDF : 32.9/9

In: -15.393+/-2.662 χ^2/NDF : 13.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.865+/-1.696 χ^2/NDF : 32.9/9

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 3451.101+/-1.883 χ^2/NDF : 323992.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3064.475+/-1.555 χ^2/NDF : 712597.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

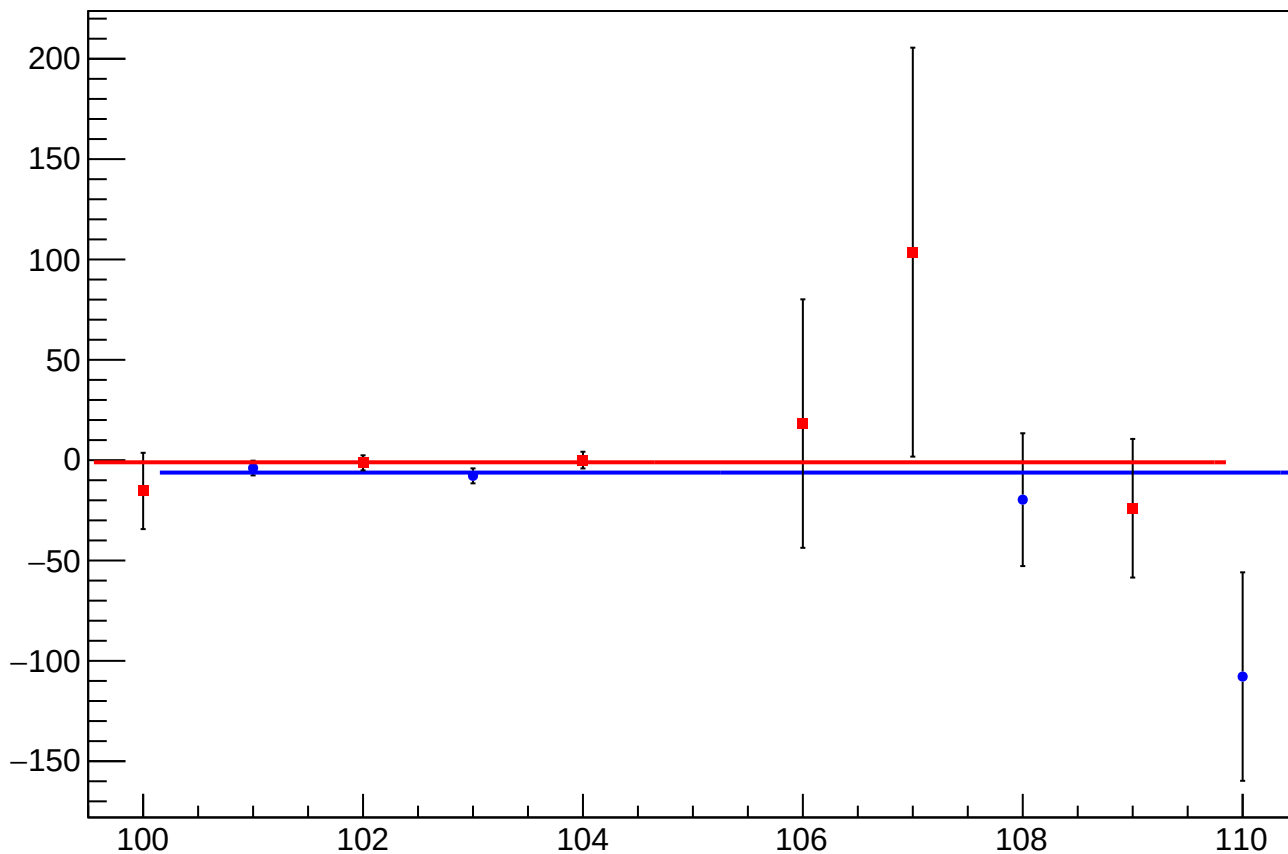
Right: 3221.322+/-1.199 χ^2/NDF : 1061656.9/9

In: 3451.101+/-1.883 χ^2/NDF : 323992.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3221.322+/-1.199 χ^2/NDF : 1061656.9/9

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.183+/-2.604 χ^2/NDF : 4.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.056+/-2.744 χ^2/NDF : 2.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

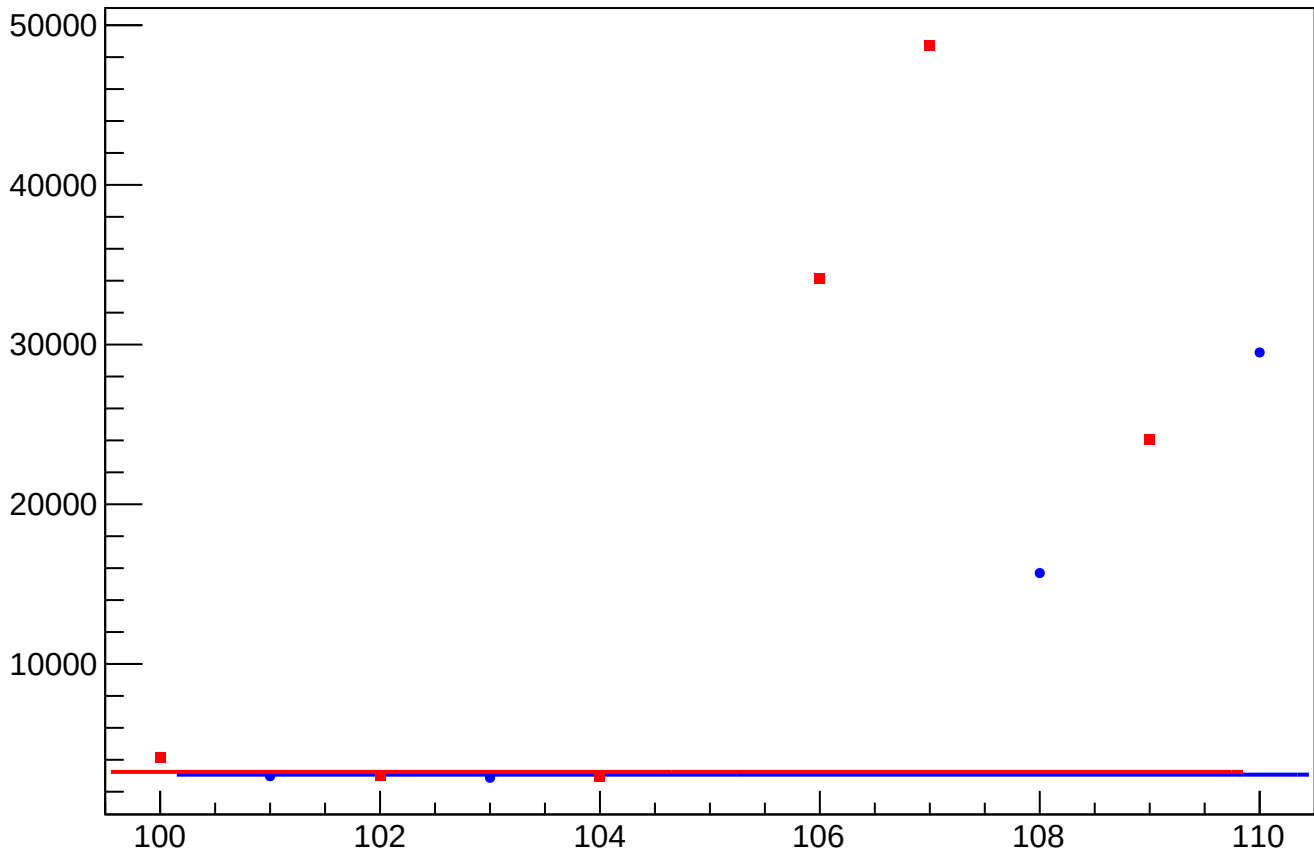
Right: -3.753+/-1.889 χ^2/NDF : 8.6/9

In: -6.183+/-2.604 χ^2/NDF : 4.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.753+/-1.889 χ^2/NDF : 8.6/9

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3069.392+/-1.841 χ^2/NDF : 816206.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3241.415+/-1.940 χ^2/NDF : 1642976.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

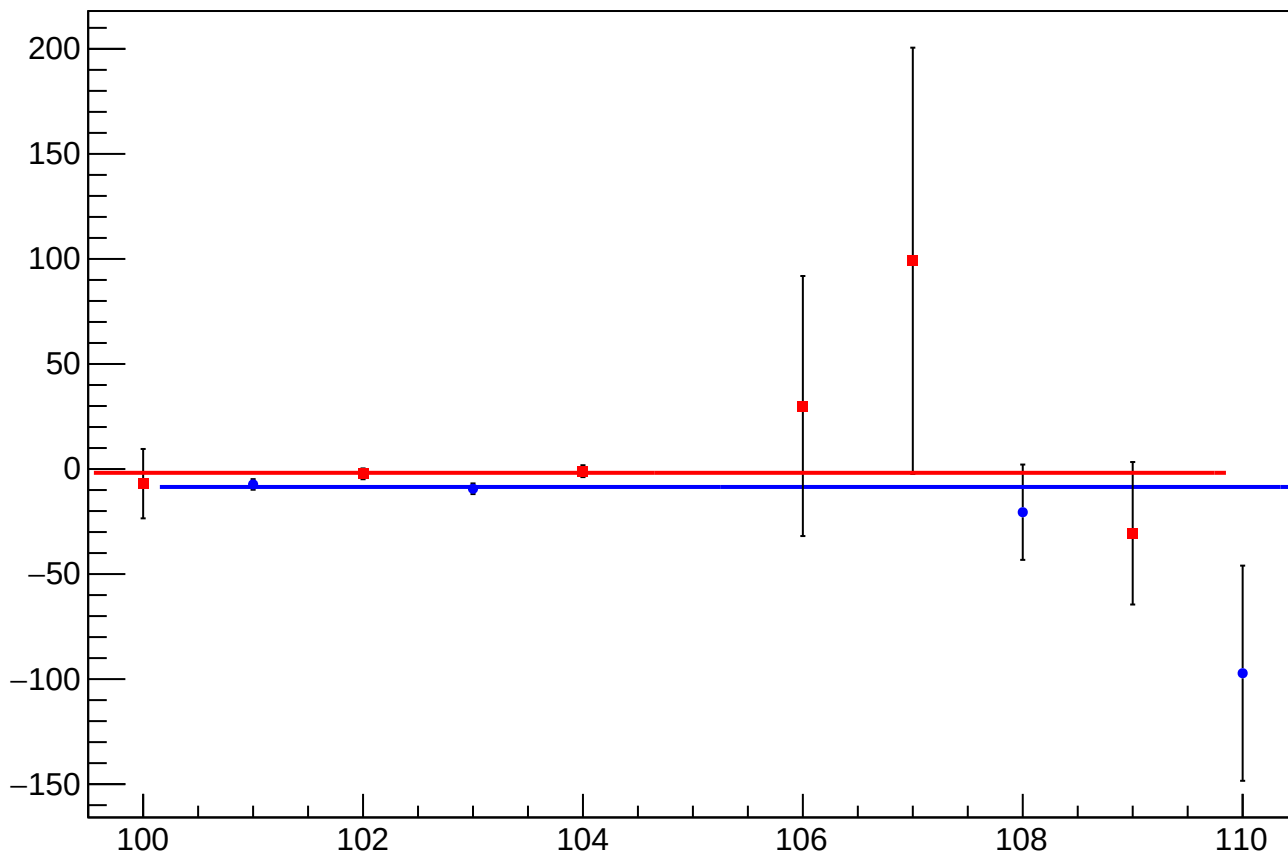
Right: 3150.911+/-1.336 χ^2/NDF : 2463318.5/9

In: 3069.392+/-1.841 χ^2/NDF : 816206.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3150.911+/-1.336 χ^2/NDF : 2463318.5/9

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.537+/-1.783 χ^2/NDF : 3.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.804+/-1.886 χ^2/NDF : 2.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

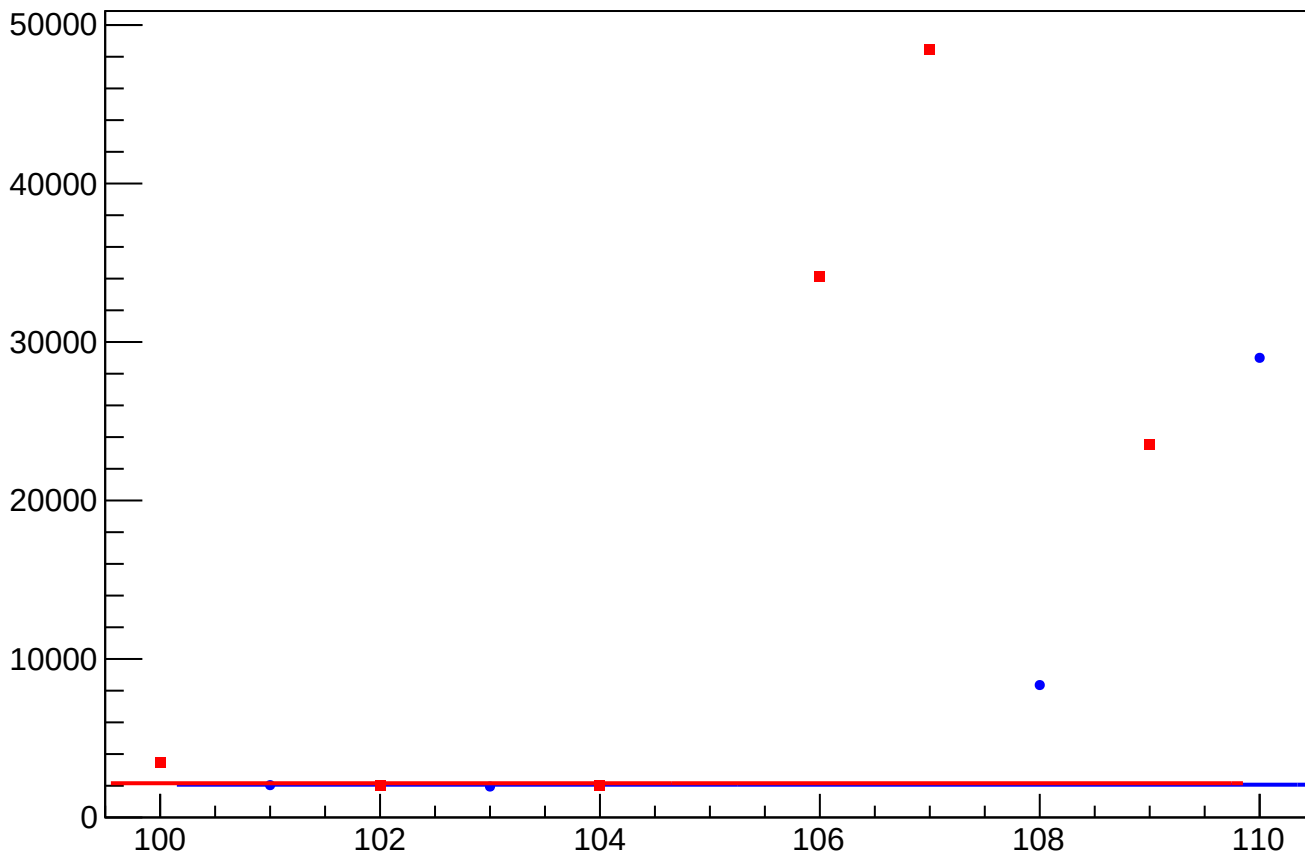
Right: -5.360+/-1.296 χ^2/NDF : 12.5/9

In: -8.537+/-1.783 χ^2/NDF : 3.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.360+/-1.296 χ^2/NDF : 12.5/9

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2067.030 $\pm$ 1.261 χ^2/NDF : 711316.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2159.258 $\pm$ 1.334 χ^2/NDF : 1769231.8/5

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

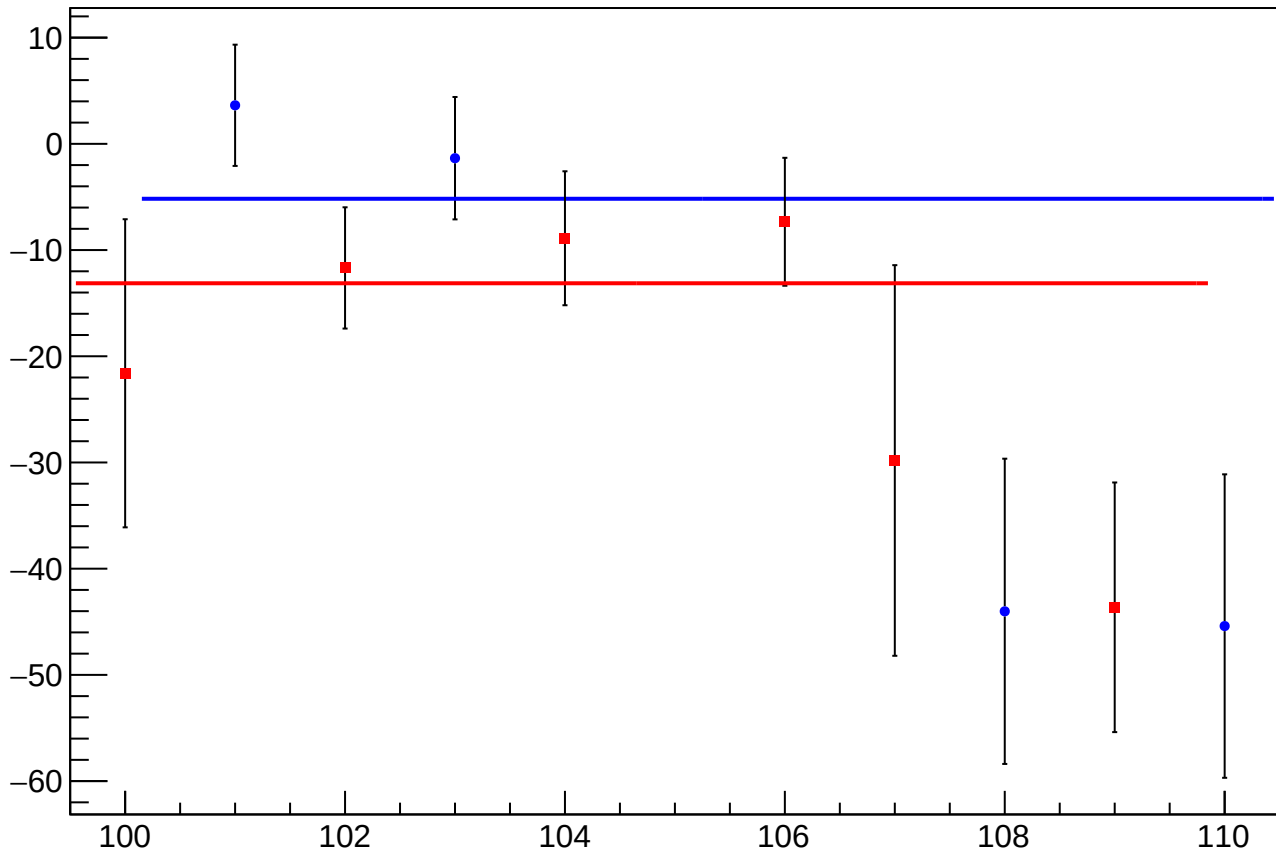
Right: 2110.547 $\pm$ 0.916 χ^2/NDF : 2483074.0/9

In: 2067.030 $\pm$ 1.261 χ^2/NDF : 711316.9/3

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2110.547 $\pm$ 0.916 χ^2/NDF : 2483074.0/9

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -5.172+/-3.765 χ^2/NDF : 18.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.127+/-3.189 χ^2/NDF : 9.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

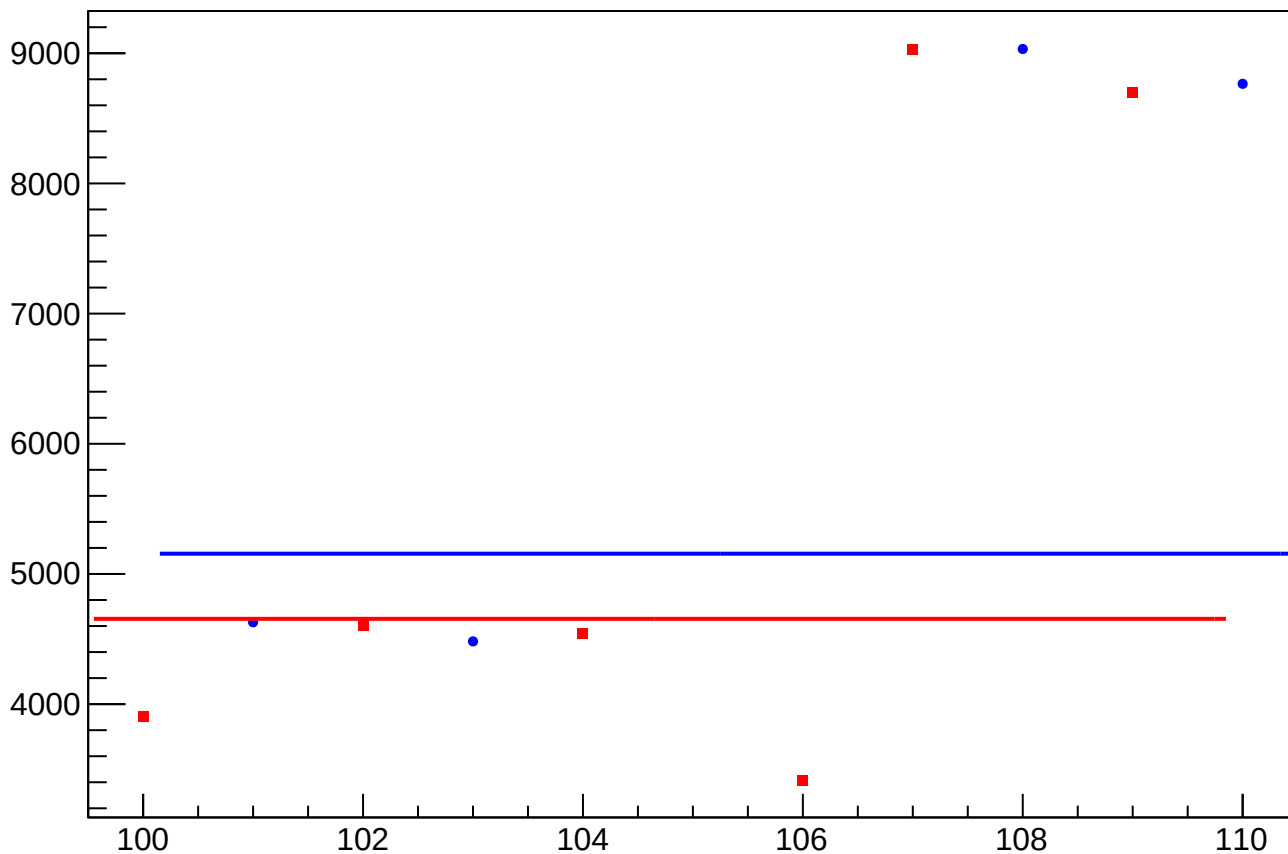
Right: -9.804+/-2.433 χ^2/NDF : 30.0/9

In: -5.172+/-3.765 χ^2/NDF : 18.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.804+/-2.433 χ^2/NDF : 30.0/9

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 5155.758+/-2.662 χ^2/NDF : 317611.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4655.364+/-2.255 χ^2/NDF : 440842.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

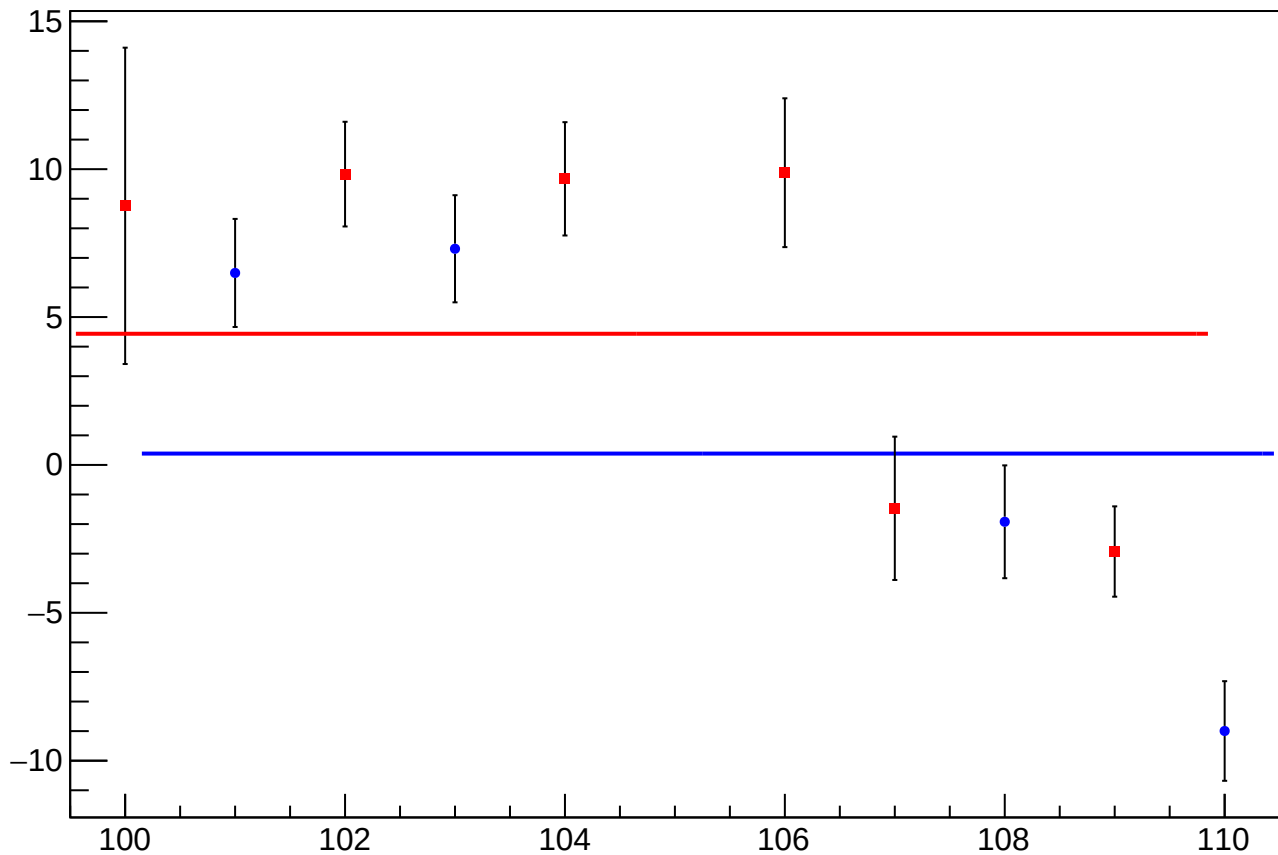
Right: 4864.383+/-1.721 χ^2/NDF : 779028.1/9

In: 5155.758+/-2.662 χ^2/NDF : 317611.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4864.383+/-1.721 χ^2/NDF : 779028.1/9

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: 0.384 $\pm$ 0.901 χ^2 /NDF: 58.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.435 $\pm$ 0.850 χ^2 /NDF: 51.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

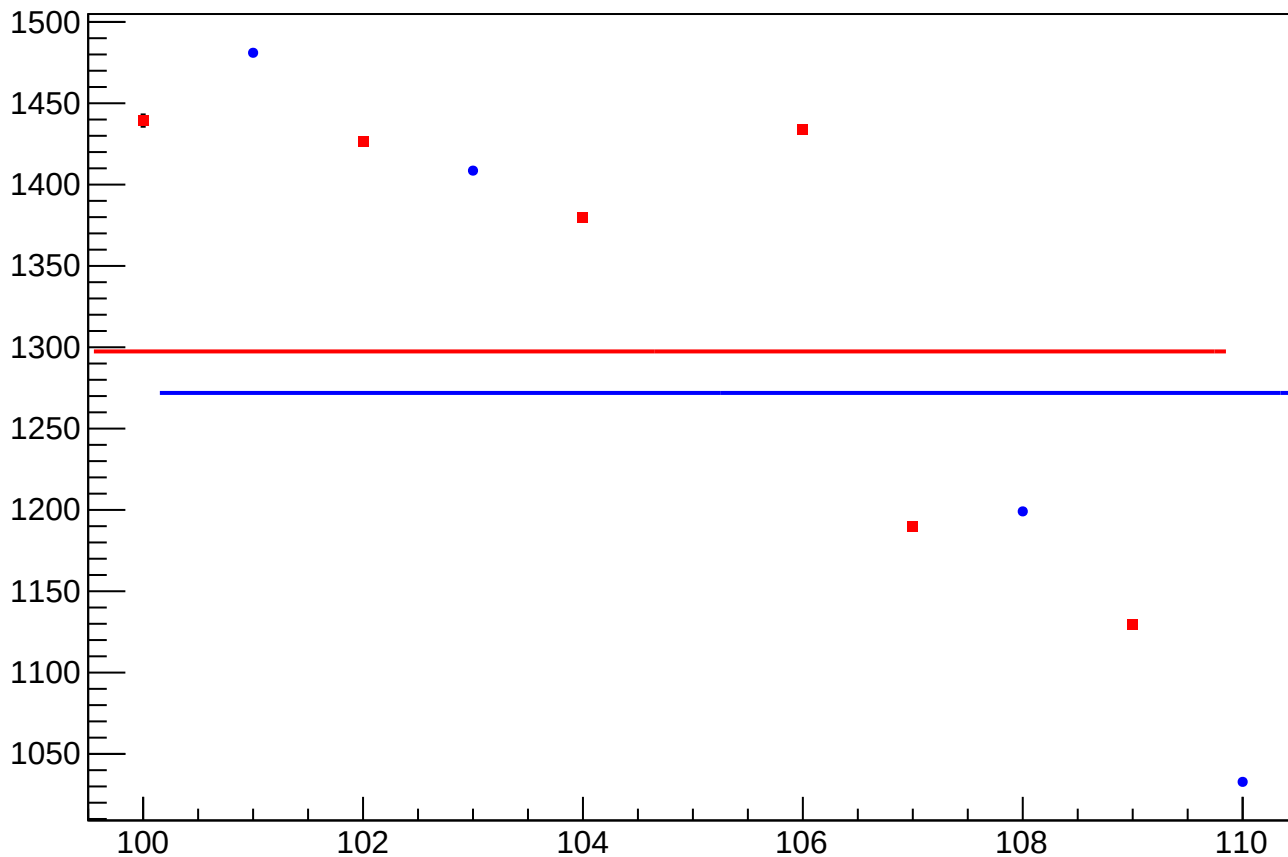
Right: 2.527 $\pm$ 0.618 χ^2 /NDF: 120.3/9

In: 0.384 $\pm$ 0.901 χ^2 /NDF:58.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.527 $\pm$ 0.618 χ^2 /NDF: 120.3/9

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1271.927 $\pm$ 0.637 χ^2/NDF : 80816.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1297.437 $\pm$ 0.601 χ^2/NDF : 49724.5/5

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

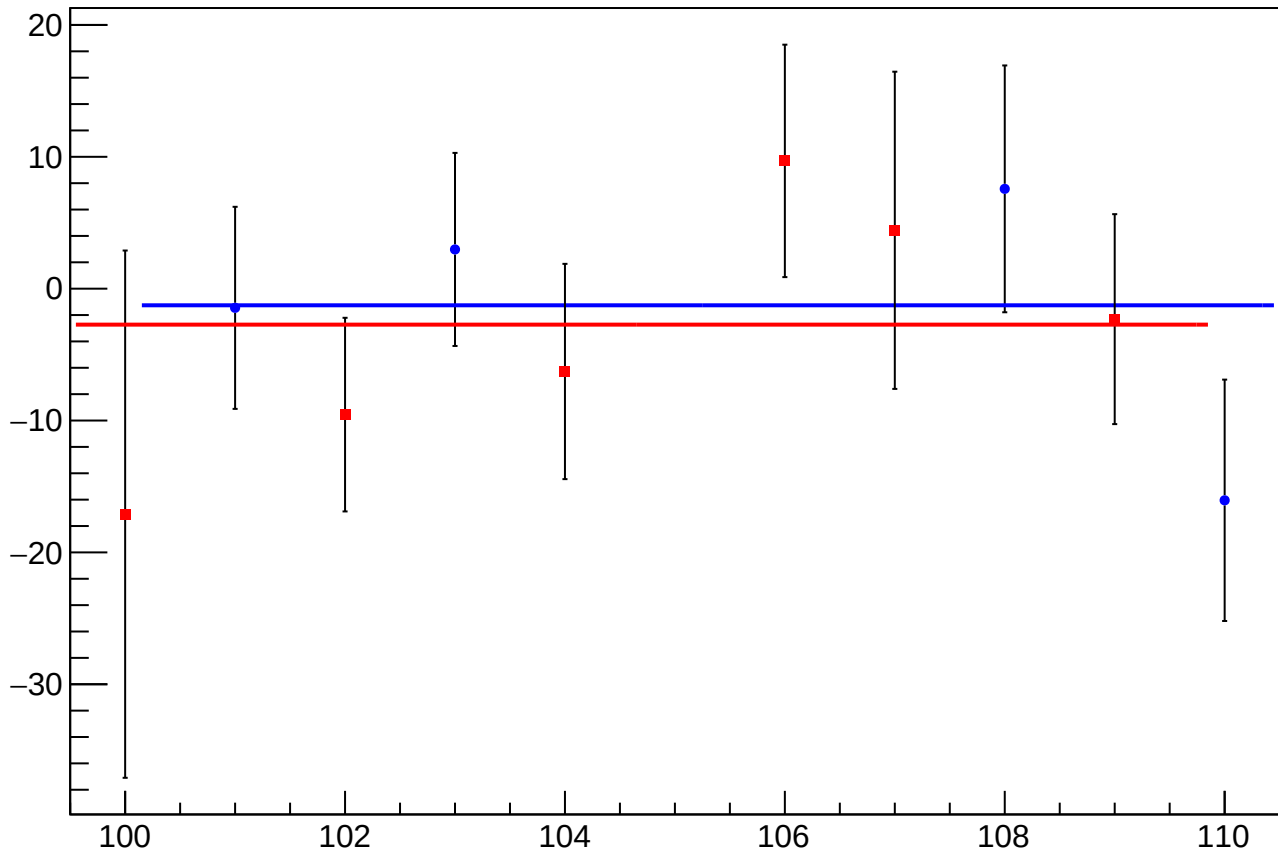
Right: 1285.423 $\pm$ 0.437 χ^2/NDF : 131389.6/9

In: 1271.927 $\pm$ 0.637 χ^2/NDF : 80816.9/3

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1285.423 $\pm$ 0.437 χ^2/NDF : 131389.6/9

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -1.260+/-4.115 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.727+/-3.737 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

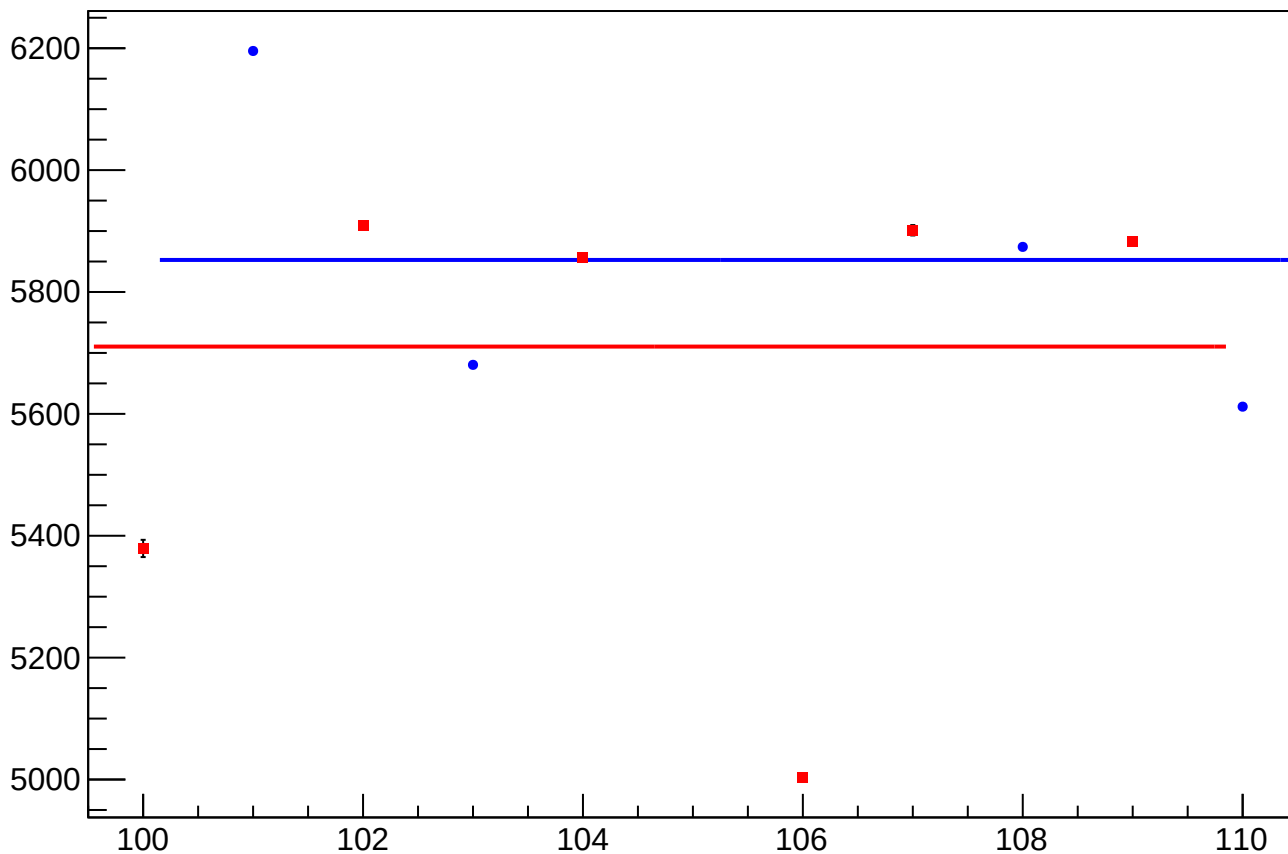
Right: -2.064+/-2.766 χ^2/NDF : 7.8/9

In: -1.260+/-4.115 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.064+/-2.766 χ^2/NDF : 7.8/9

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5852.579+/-2.910 χ^2/NDF : 6506.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5710.420+/-2.642 χ^2/NDF : 16941.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

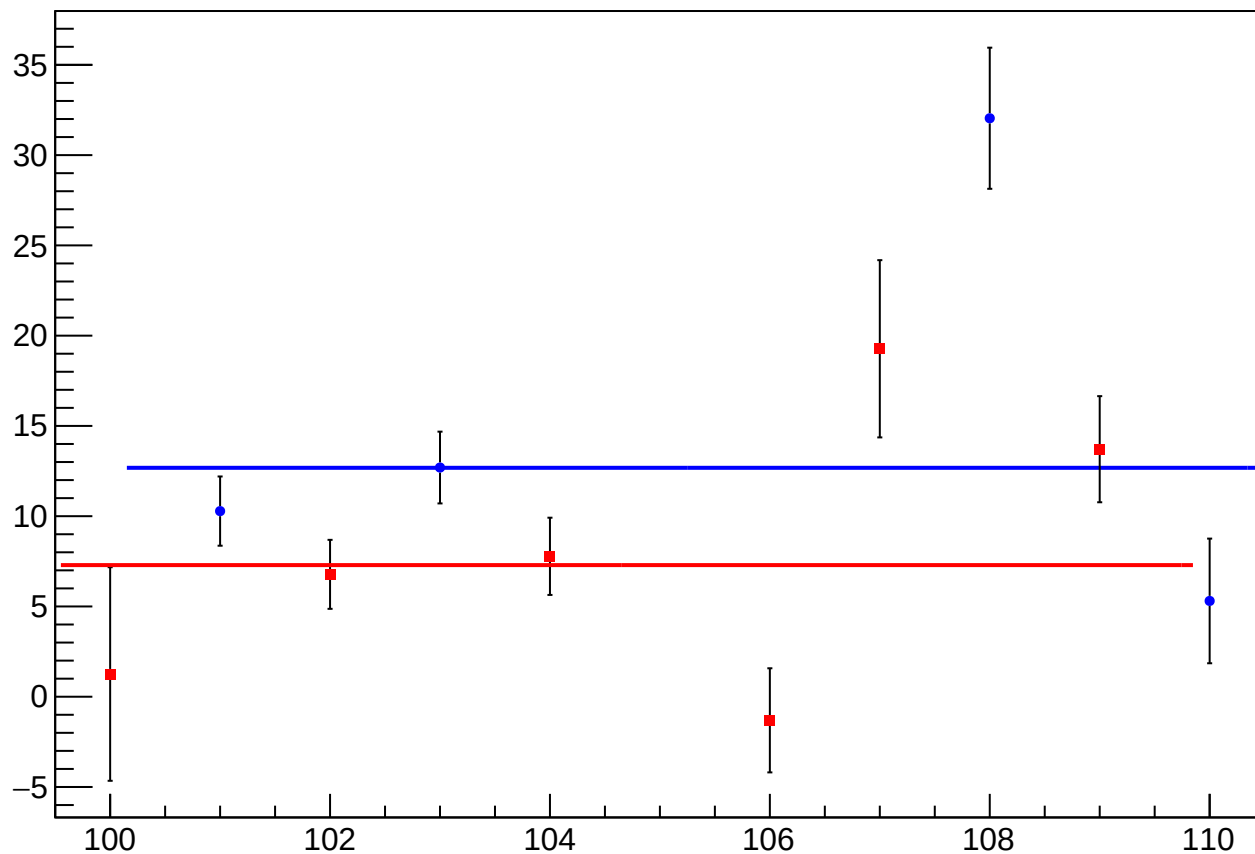
Right: 5774.658+/-1.956 χ^2/NDF : 24755.4/9

In: 5852.579+/-2.910 χ^2/NDF : 6506.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5774.658+/-1.956 χ^2/NDF : 24755.4/9

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 12.680 $\pm$ 1.218 χ^2 /NDF: 30.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.291 $\pm$ 1.119 χ^2 /NDF: 20.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

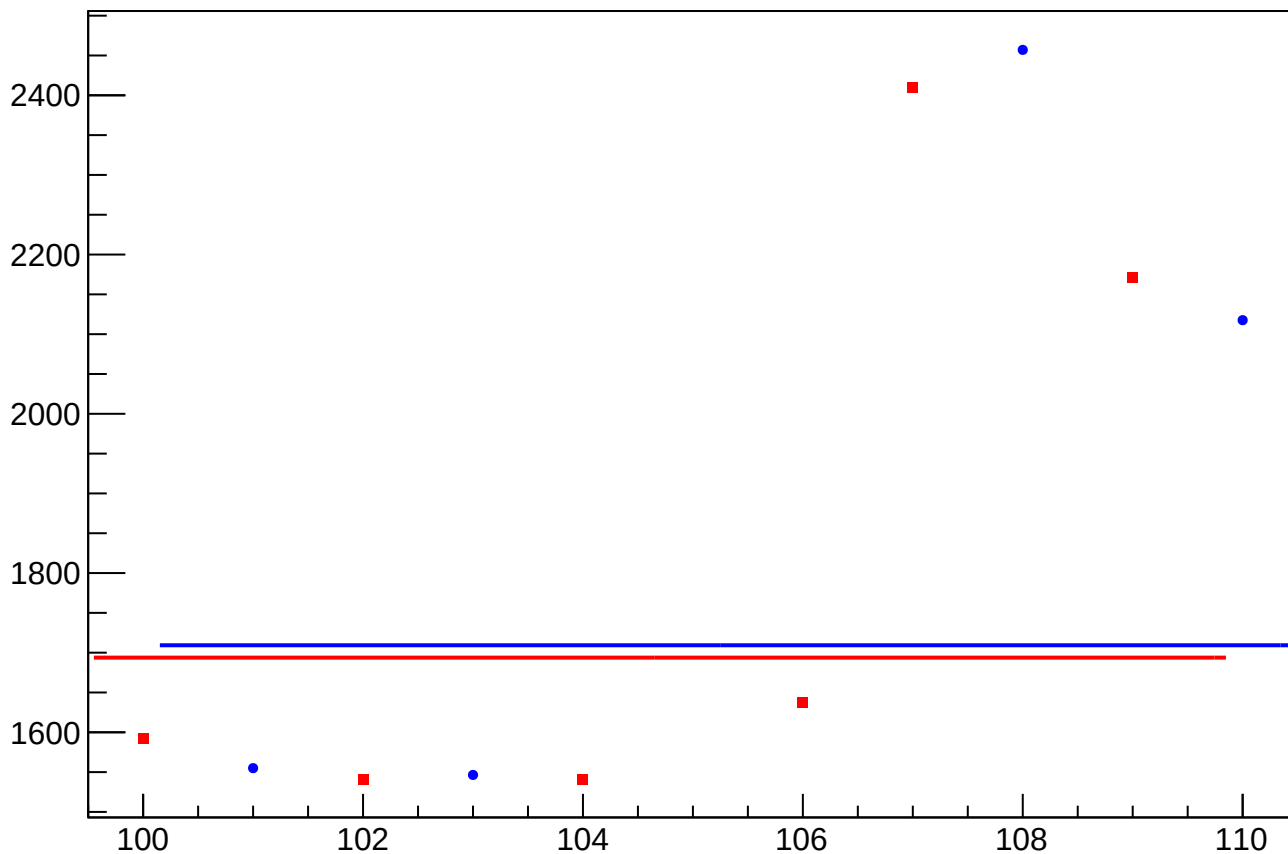
Right: 9.758 $\pm$ 0.824 χ^2 /NDF: 62.1/9

In: 12.680 $\pm$ 1.218 χ^2 /NDF:30.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.758 $\pm$ 0.824 χ^2 /NDF: 62.1/9

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1709.303+/-0.861 χ^2/NDF : 127539.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1693.785+/-0.791 χ^2/NDF : 119894.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

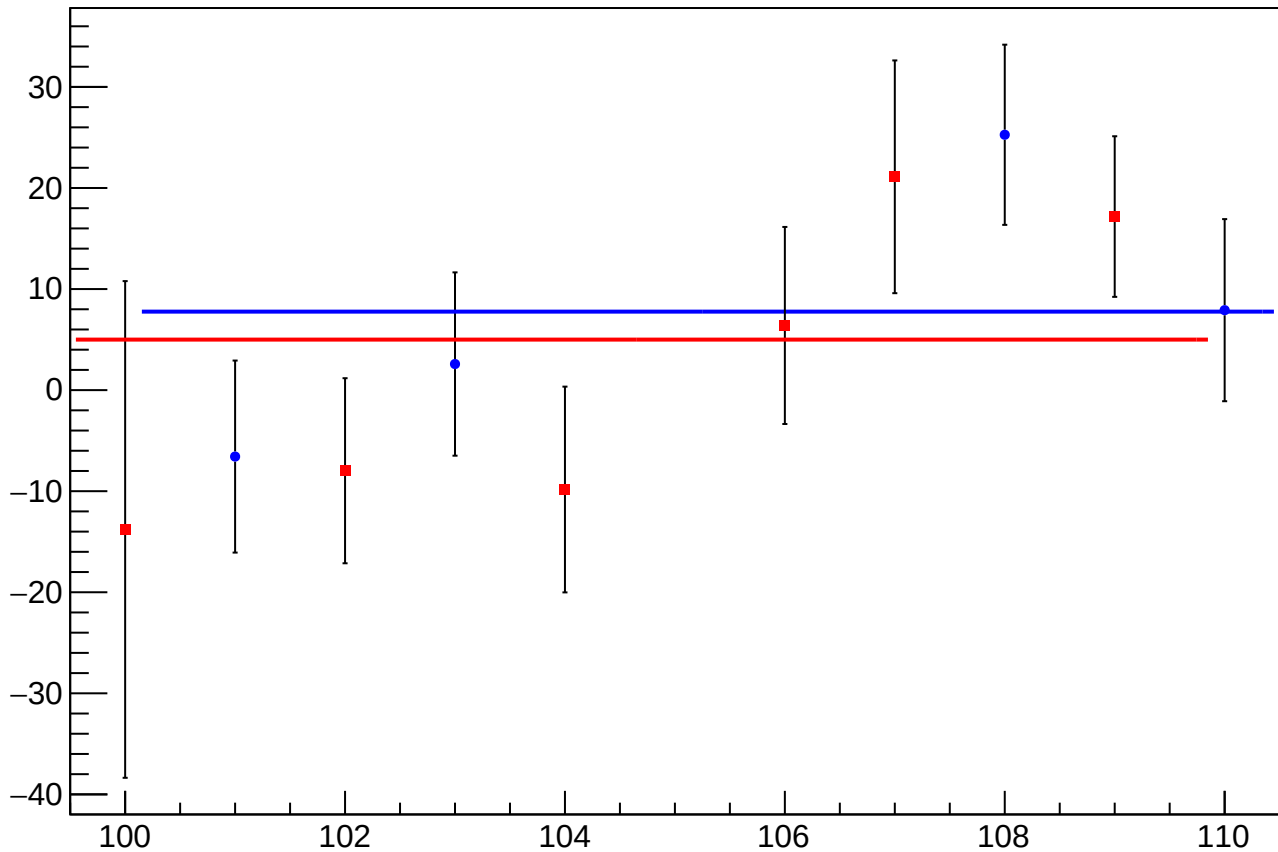
Right: 1700.891+/-0.583 χ^2/NDF : 247610.5/9

In: 1709.303+/-0.861 χ^2/NDF : 127539.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1700.891+/-0.583 χ^2/NDF : 247610.5/9

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 7.767 $\pm$ 4.558 χ^2 /NDF: 6.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.999 $\pm$ 4.184 χ^2 /NDF: 9.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

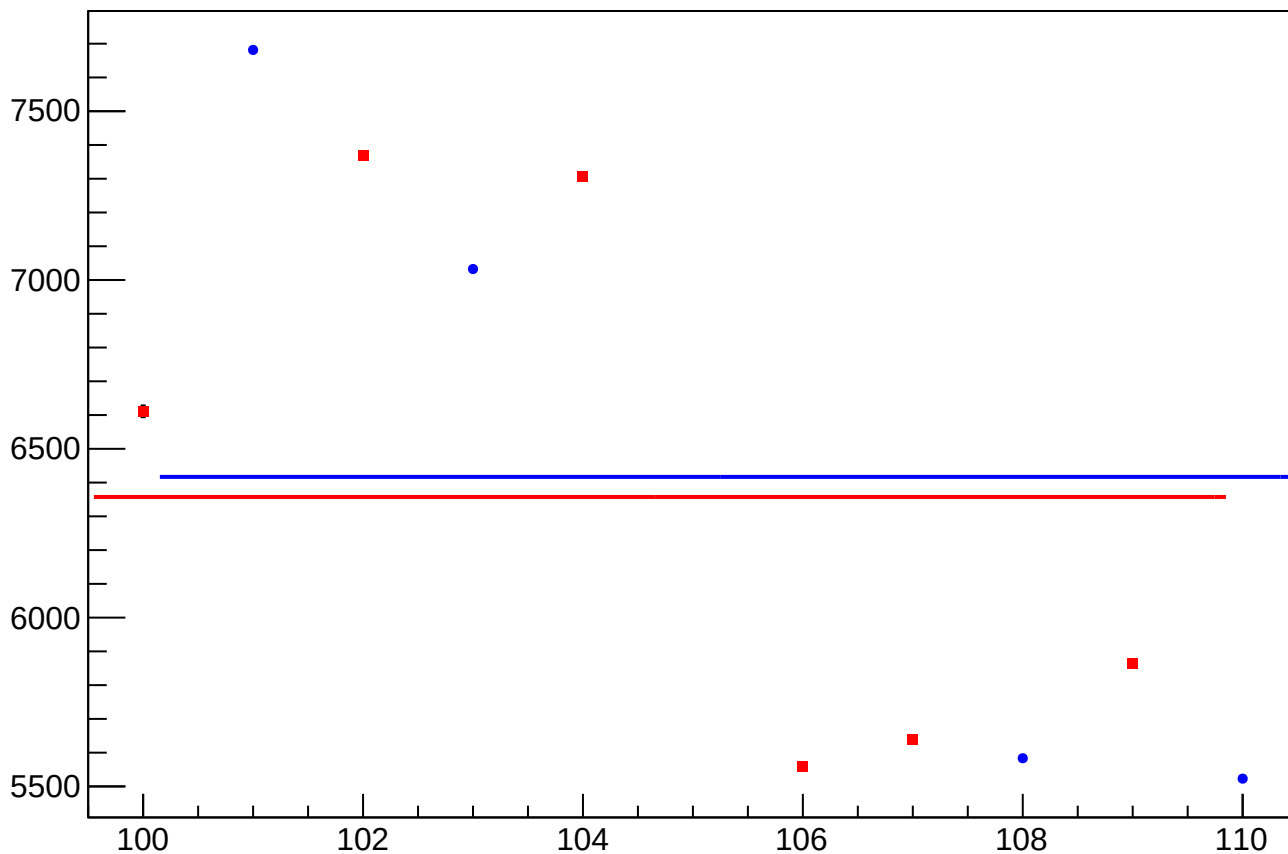
Right: 6.265 $\pm$ 3.082 χ^2 /NDF: 15.7/9

In: 7.767 $\pm$ 4.558 χ^2 /NDF: 6.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.265 $\pm$ 3.082 χ^2 /NDF: 15.7/9

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6416.852+/-3.223 χ^2/NDF : 81822.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6357.372+/-2.958 χ^2/NDF : 70968.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

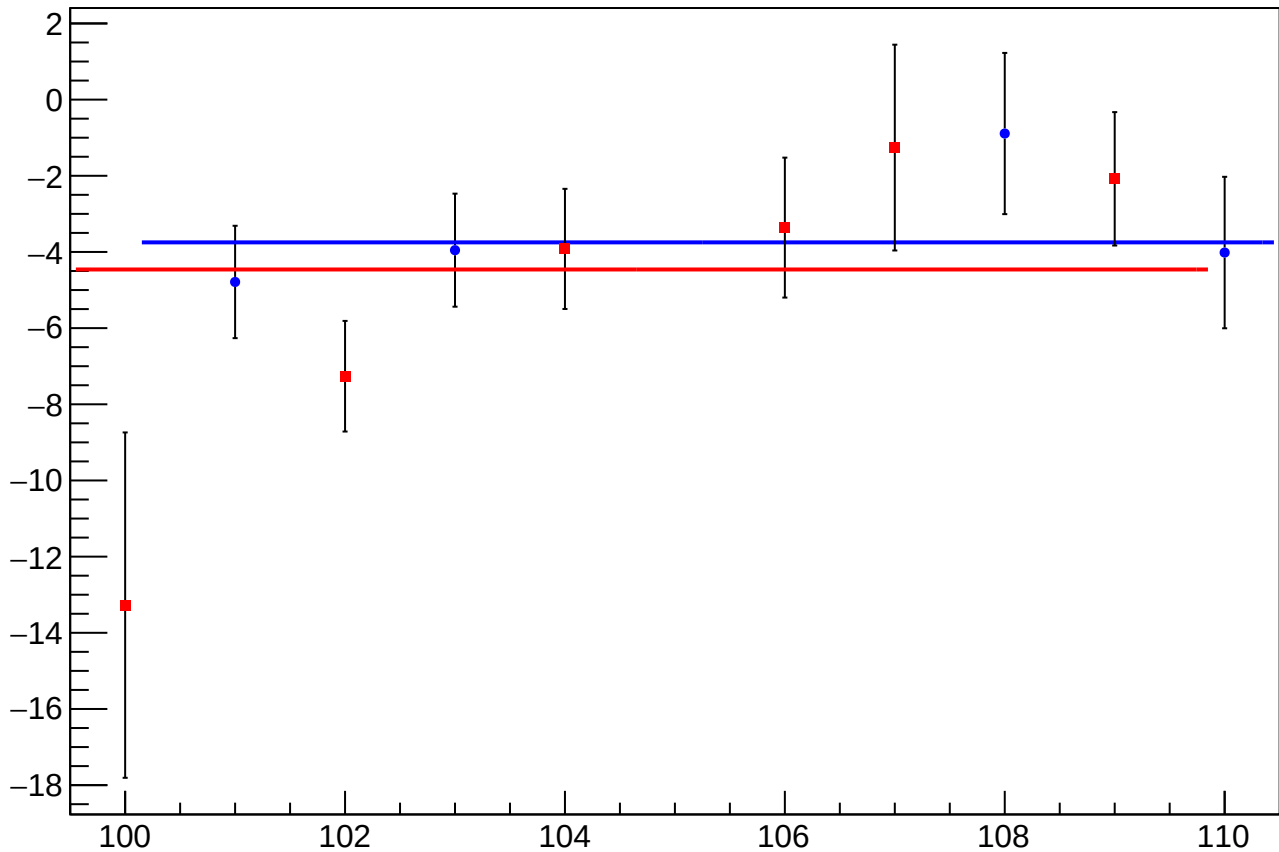
Right: 6384.571+/-2.179 χ^2/NDF : 152976.0/9

In: 6416.852+/-3.223 χ^2/NDF : 81822.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6384.571+/-2.179 χ^2/NDF : 152976.0/9

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -3.748 $\pm$ 0.848 χ^2 /NDF: 2.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.460 $\pm$ 0.771 χ^2 /NDF: 11.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

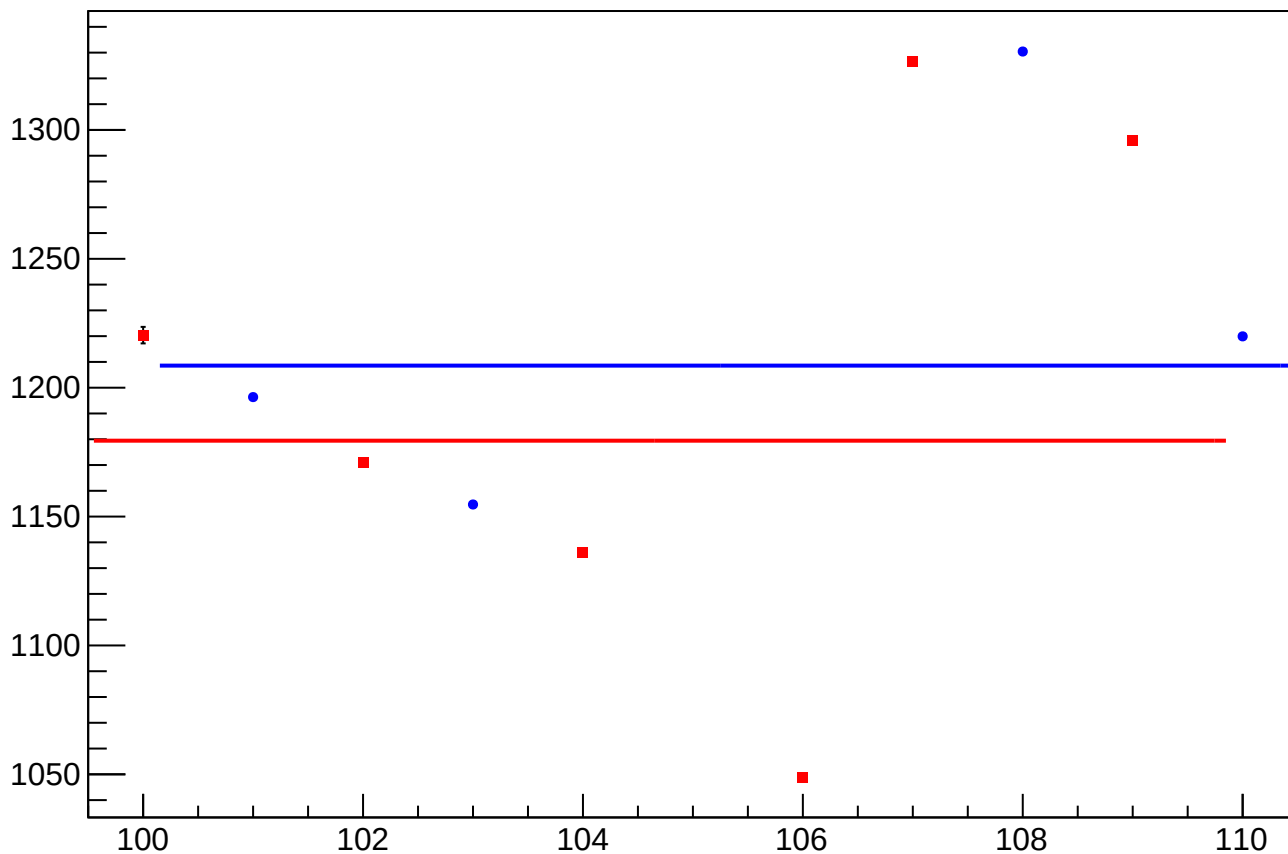
Right: -4.138 $\pm$ 0.570 χ^2 /NDF: 14.0/9

In: -3.748 $\pm$ 0.848 χ^2 /NDF:2.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.138 $\pm$ 0.570 χ^2 /NDF: 14.0/9

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1208.568+/-0.600 χ^2/NDF : 9468.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1179.443+/-0.545 χ^2/NDF : 26664.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

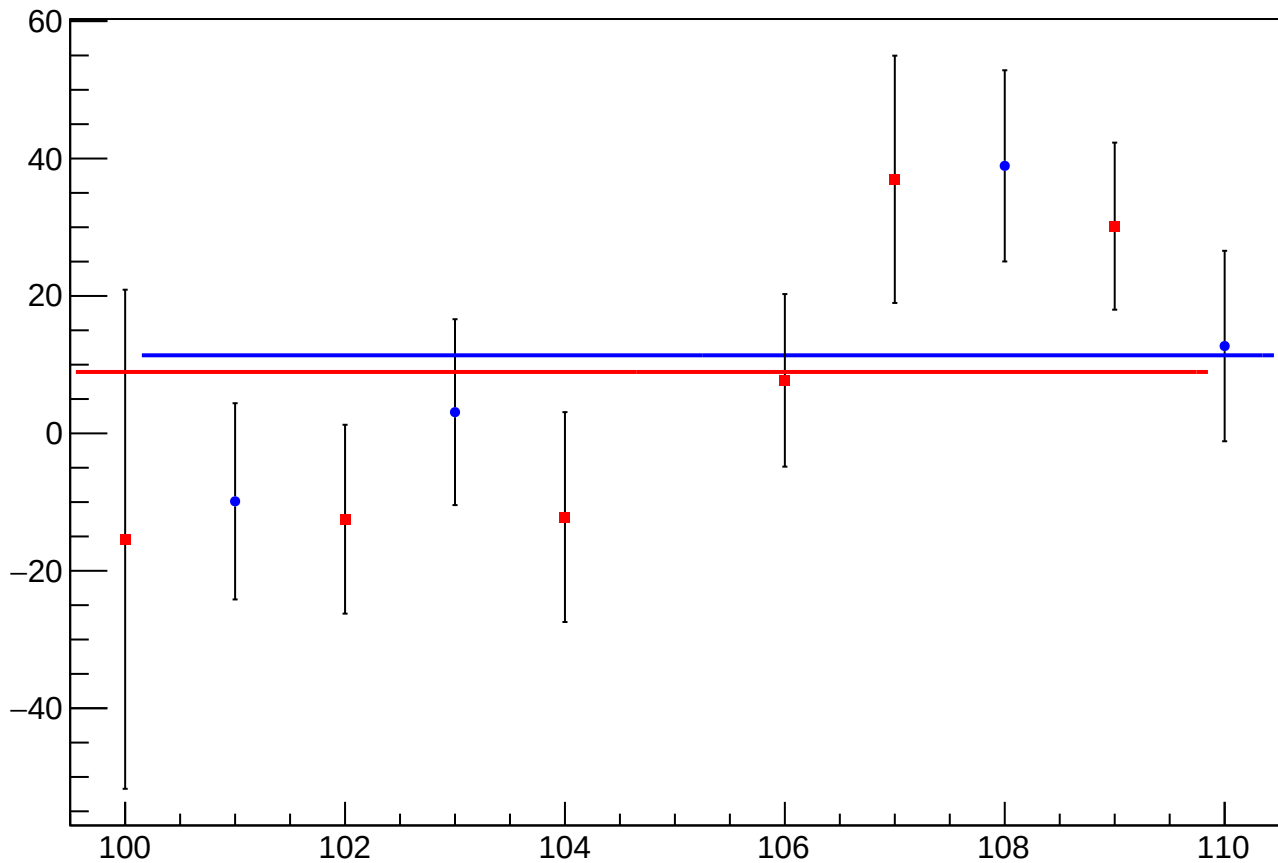
Right: 1192.611+/-0.403 χ^2/NDF : 37424.3/9

In: 1208.568+/-0.600 χ^2/NDF : 9468.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1192.611+/-0.403 χ^2/NDF : 37424.3/9

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 11.363+/-6.943 χ^2/NDF : 6.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.938+/-6.139 χ^2/NDF : 10.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

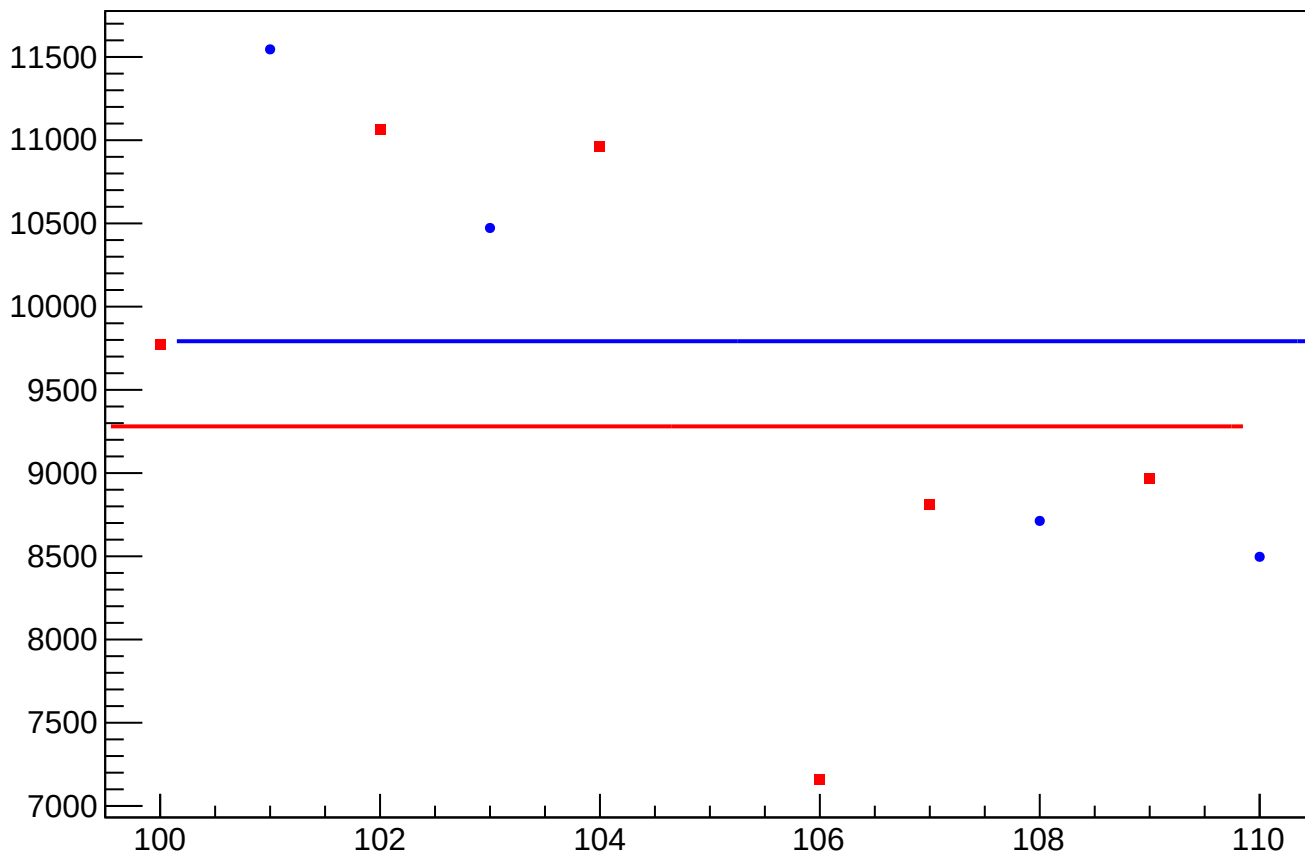
Right: 10.002+/-4.599 χ^2/NDF : 16.9/9

In: 11.363+/-6.943 χ^2/NDF : 6.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.002+/-4.599 χ^2/NDF : 16.9/9

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9792.269+/-4.910 χ^2/NDF : 64733.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9280.572+/-4.341 χ^2/NDF : 117881.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

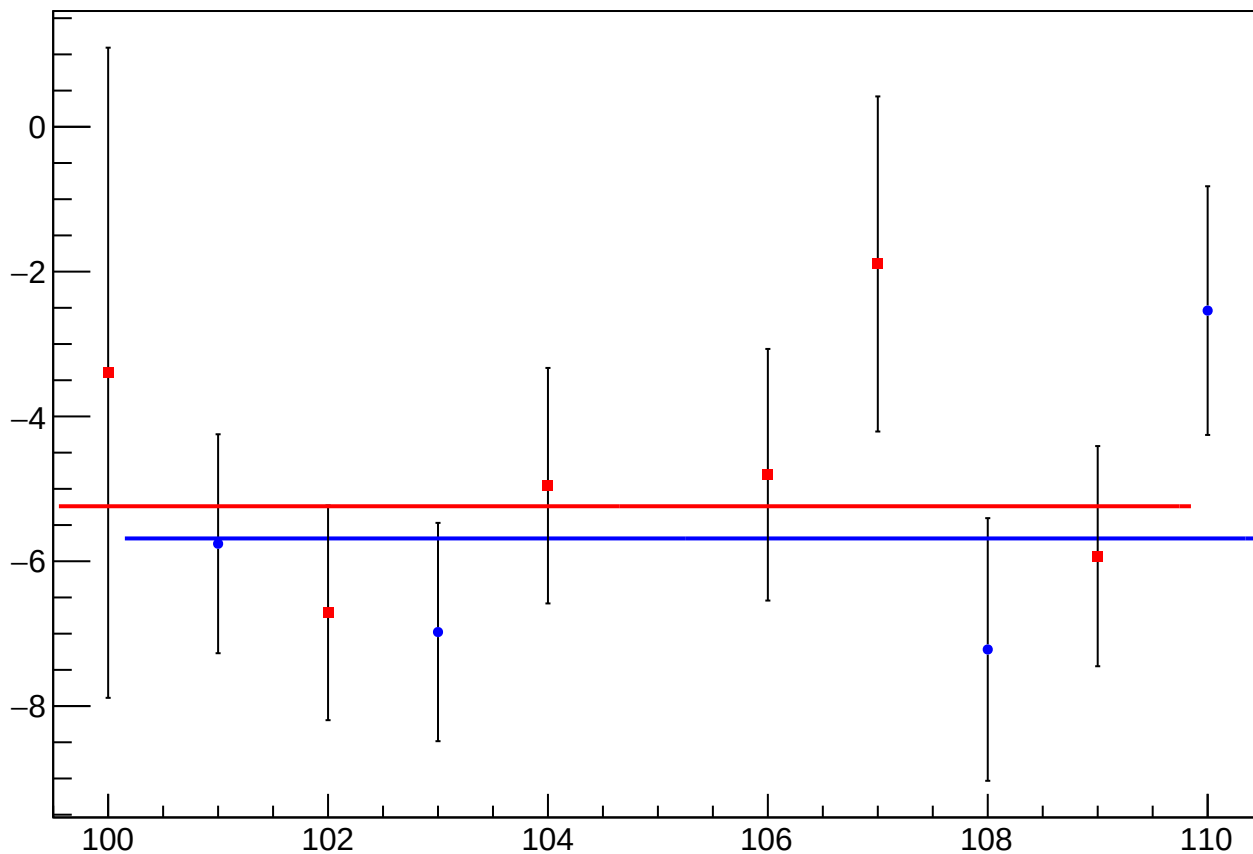
Right: 9505.073+/-3.252 χ^2/NDF : 188711.8/9

In: 9792.269+/-4.910 χ^2/NDF : 64733.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9505.073+/-3.252 χ^2/NDF : 188711.8/9

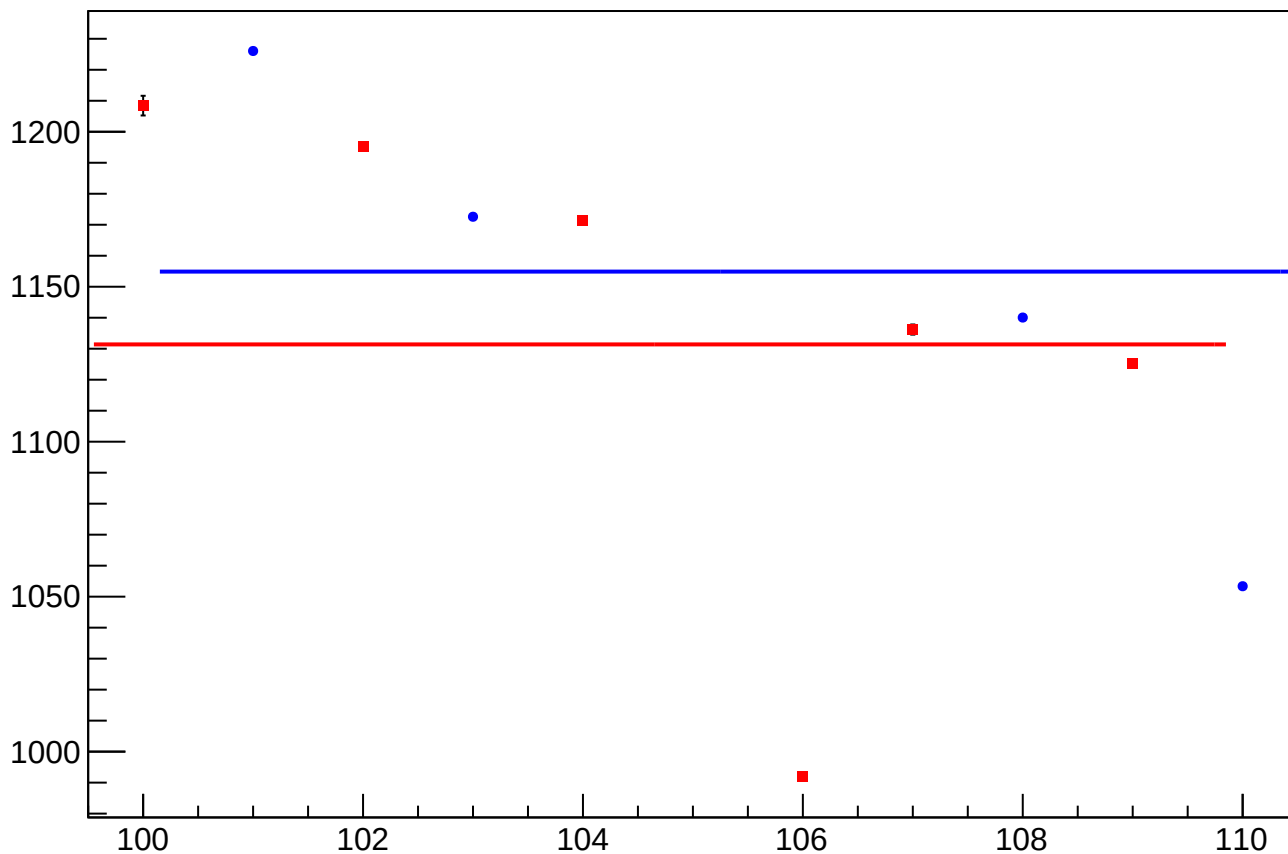
diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.685 ± 0.811 χ^2/NDF : 4.8/3
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
Right Out: -5.240 ± 0.739 χ^2/NDF : 3.5/5
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
Right: -5.442 ± 0.546 χ^2/NDF : 8.5/9
In: -5.685 ± 0.811 χ^2/NDF : 4.8/3
Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
All: -5.442 ± 0.546 χ^2/NDF : 8.5/9

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1154.882 $\pm$ 0.573 χ^2 /NDF: 11831.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1131.389 $\pm$ 0.522 χ^2 /NDF: 18450.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

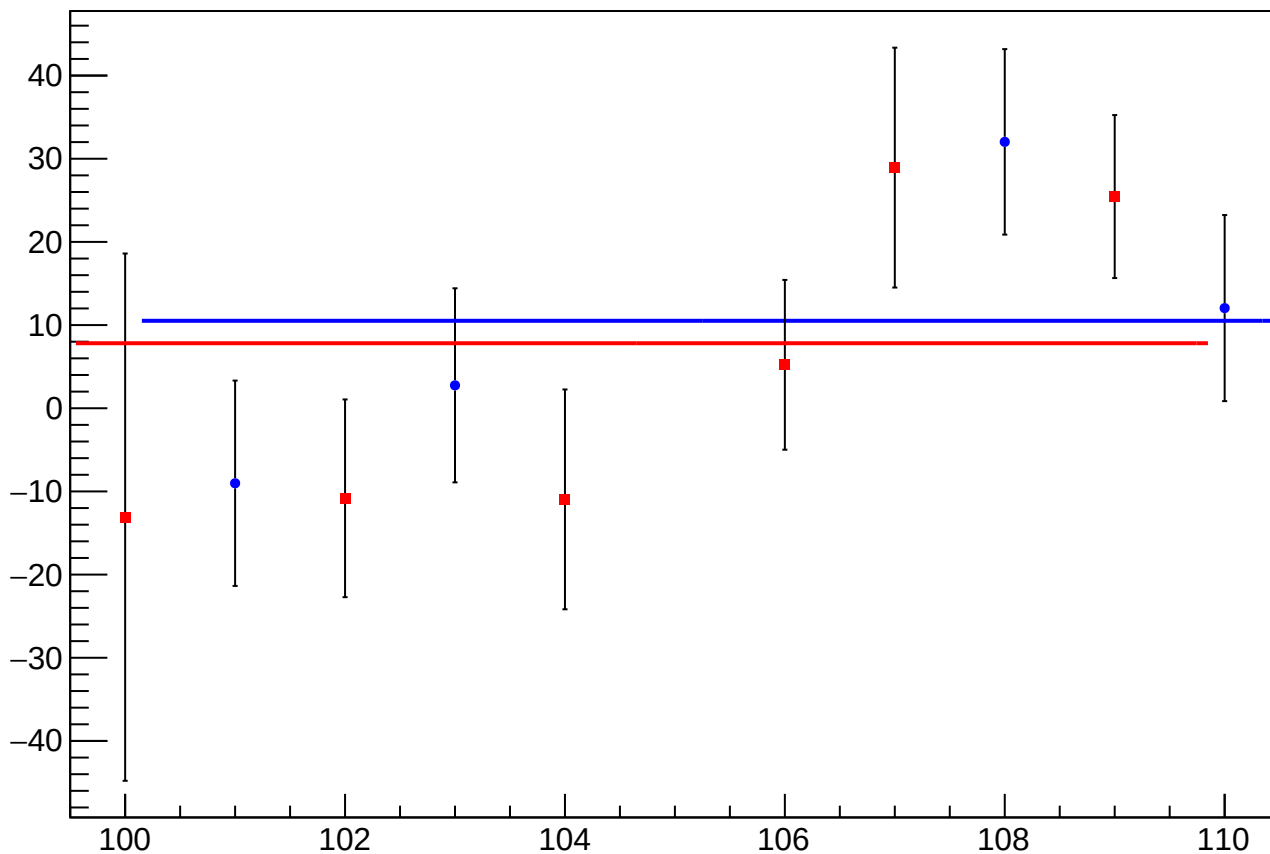
Right: 1142.040 $\pm$ 0.386 χ^2 /NDF: 31199.0/9

In: 1154.882 $\pm$ 0.573 χ^2 /NDF: 11831.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1142.040 $\pm$ 0.386 χ^2 /NDF: 31199.0/9

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 10.515+/-5.779 χ^2/NDF : 6.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.818+/-5.089 χ^2/NDF : 10.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

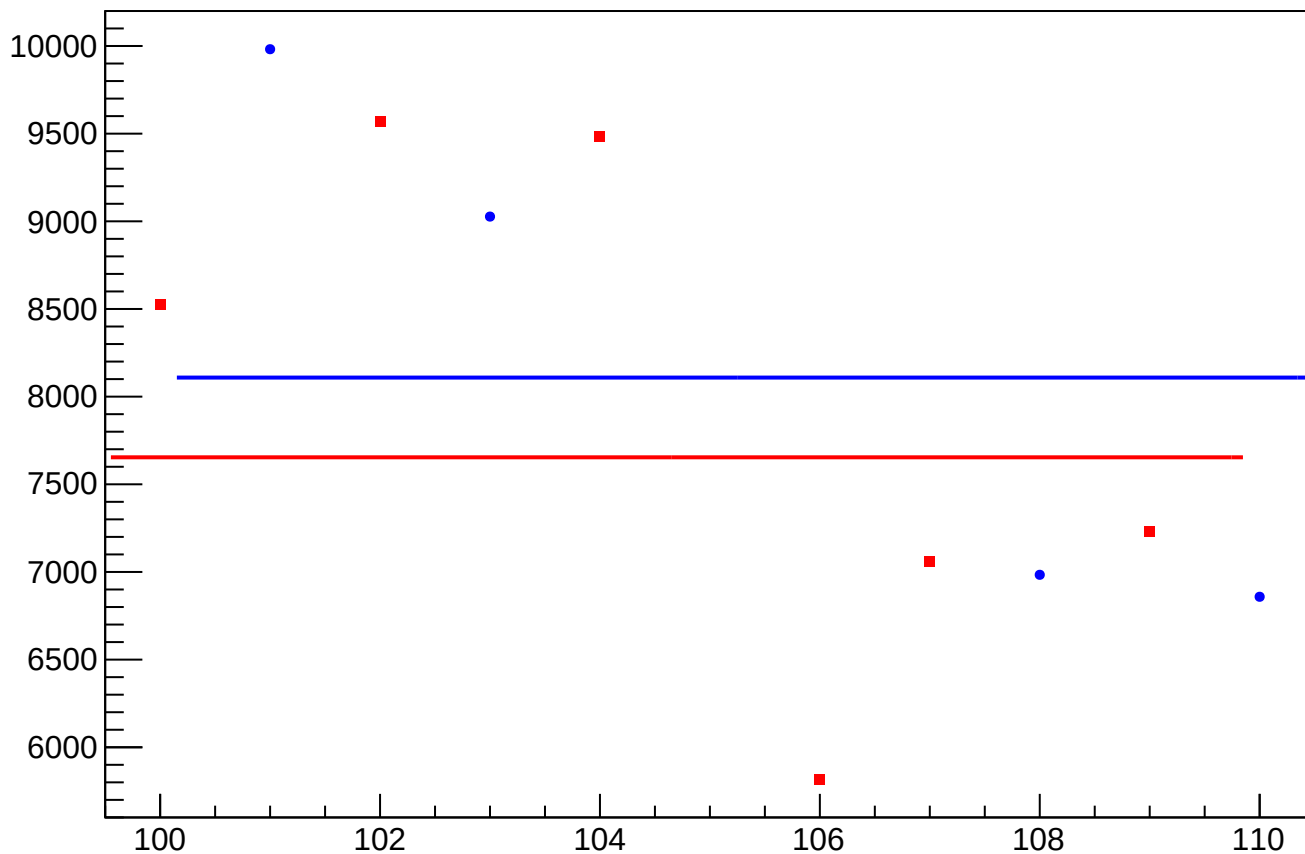
Right: 8.996+/-3.819 χ^2/NDF : 17.2/9

In: 10.515+/-5.779 χ^2/NDF : 6.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.996+/-3.819 χ^2/NDF : 17.2/9

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 8108.732+/-4.087 χ^2/NDF : 103764.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7653.932+/-3.598 χ^2/NDF : 163756.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

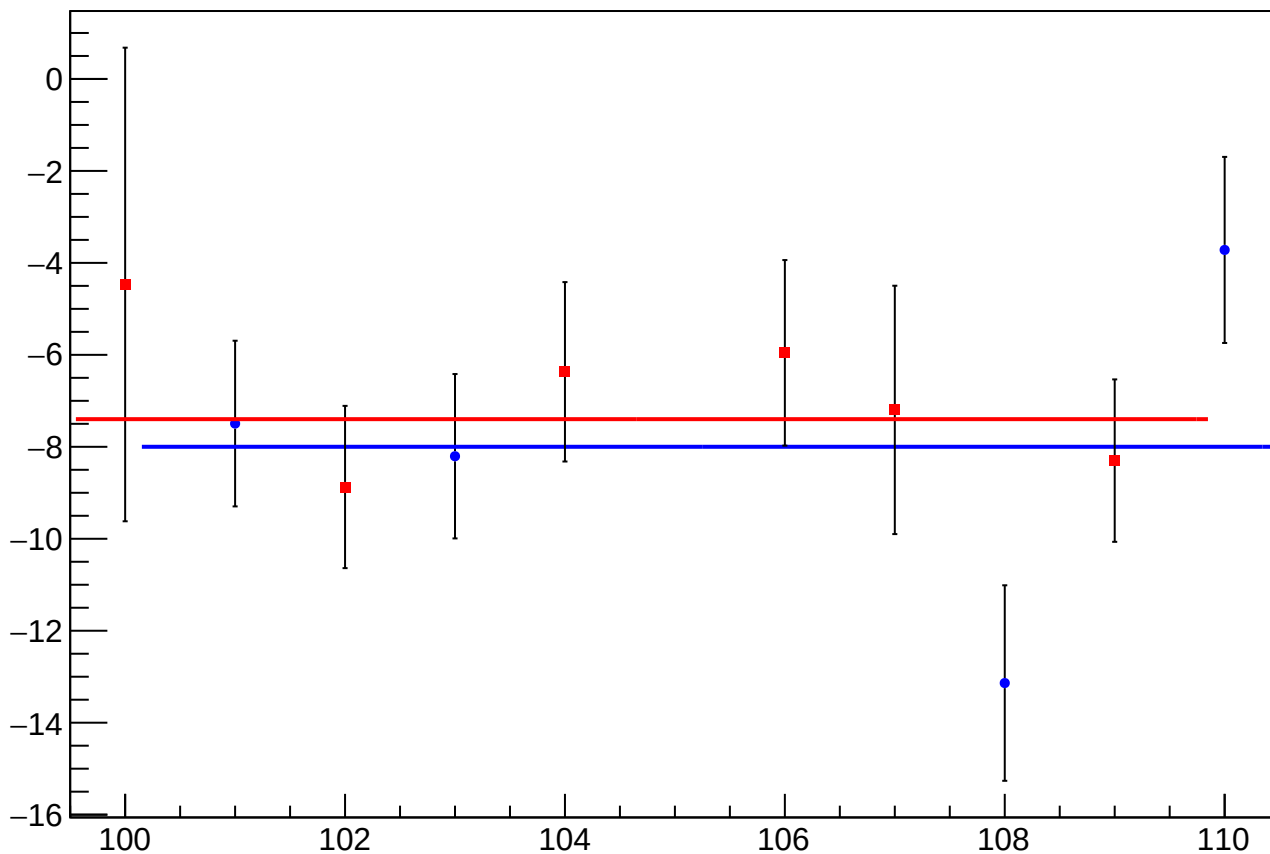
Right: 7852.548+/-2.701 χ^2/NDF : 274498.1/9

In: 8108.732+/-4.087 χ^2/NDF : 103764.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7852.548+/-2.701 χ^2/NDF : 274498.1/9

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -7.999 ± 0.959 χ^2/NDF : 10.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.399 ± 0.869 χ^2/NDF : 2.1/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

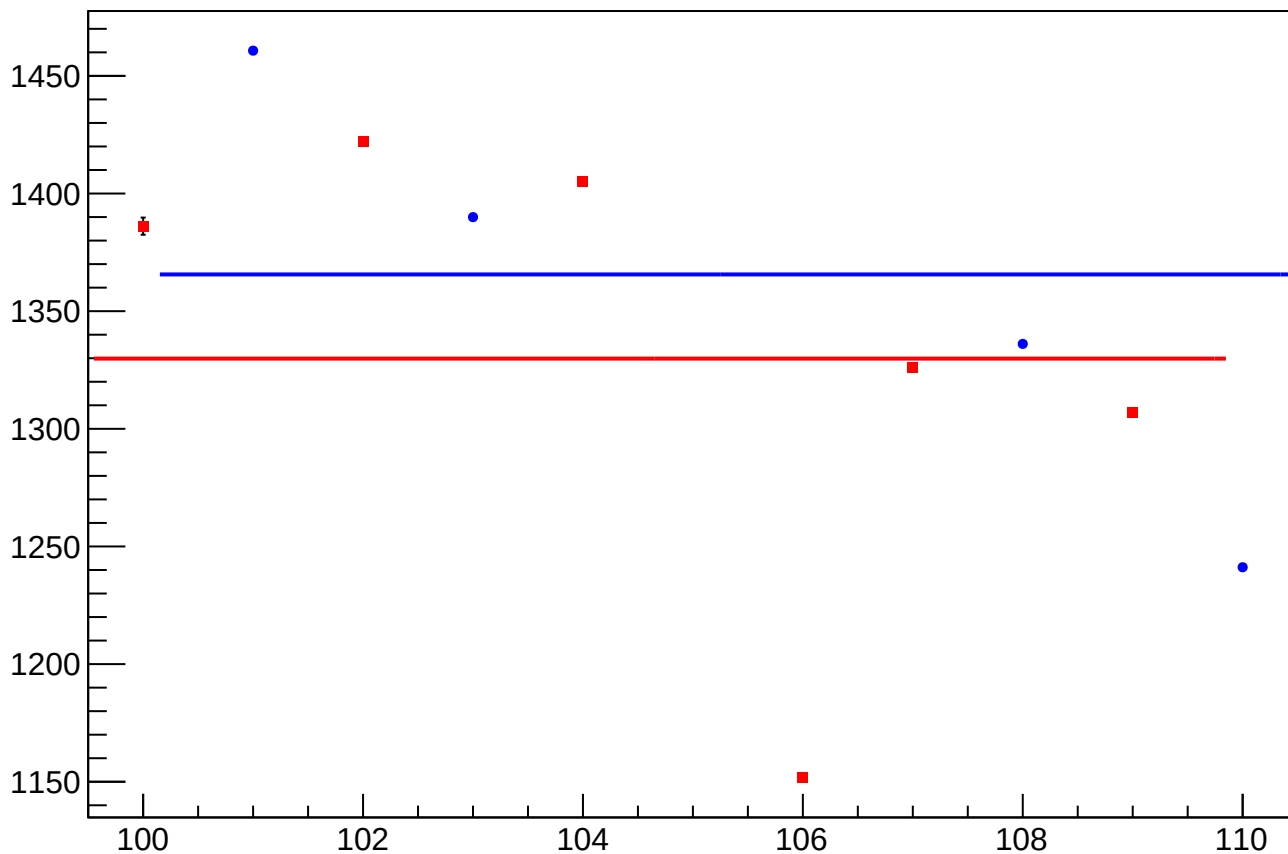
Right: -7.669 ± 0.644 χ^2/NDF : 12.7/9

In: -7.999 ± 0.959 χ^2/NDF : 10.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.669 ± 0.644 χ^2/NDF : 12.7/9

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1365.615 $\pm$ 0.678 χ^2/NDF : 13897.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1329.841 $\pm$ 0.614 χ^2/NDF : 24602.5/5

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

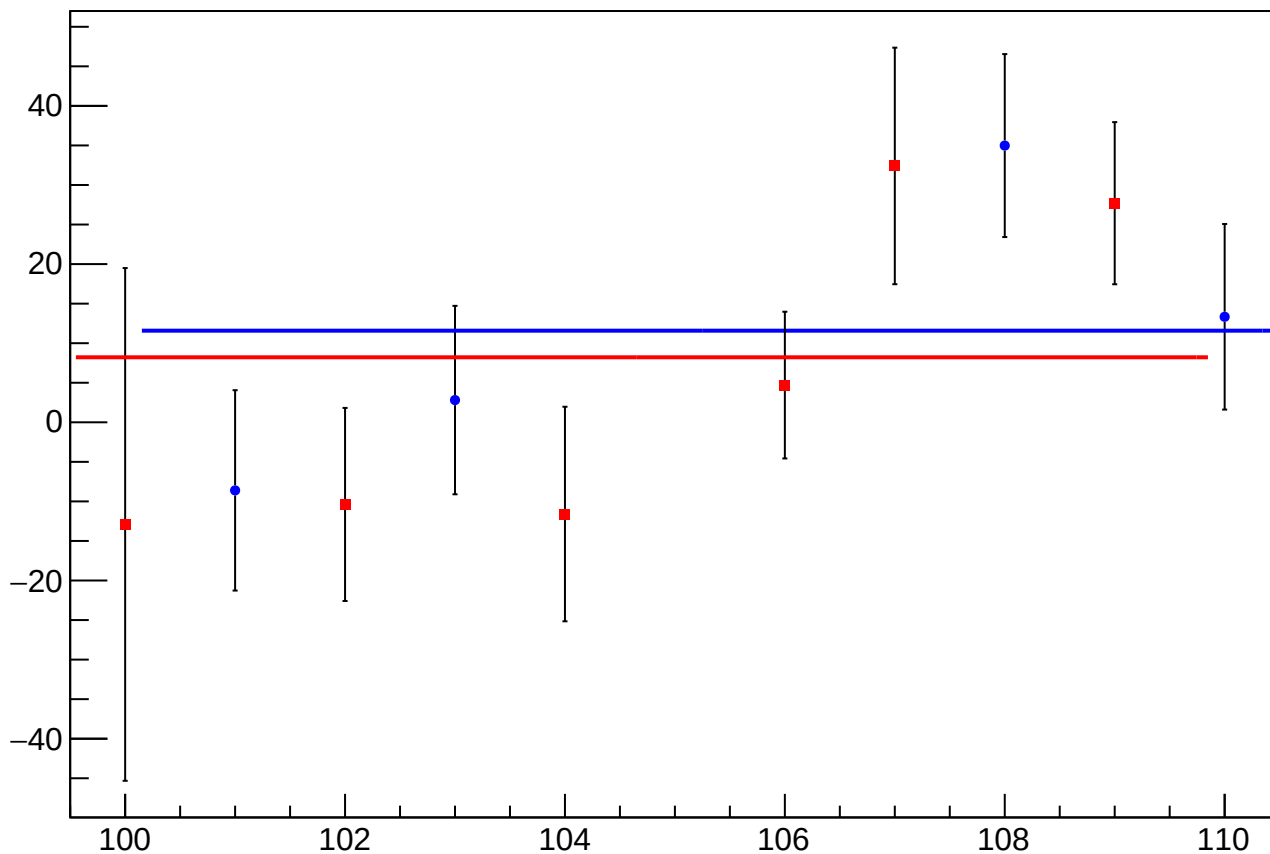
Right: 1345.960 $\pm$ 0.455 χ^2/NDF : 40027.8/9

In: 1365.615 $\pm$ 0.678 χ^2/NDF : 13897.3/3

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1345.960 $\pm$ 0.455 χ^2/NDF : 40027.8/9

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 11.582+/-5.973 χ^2/NDF : 7.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.219+/-5.082 χ^2/NDF : 11.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

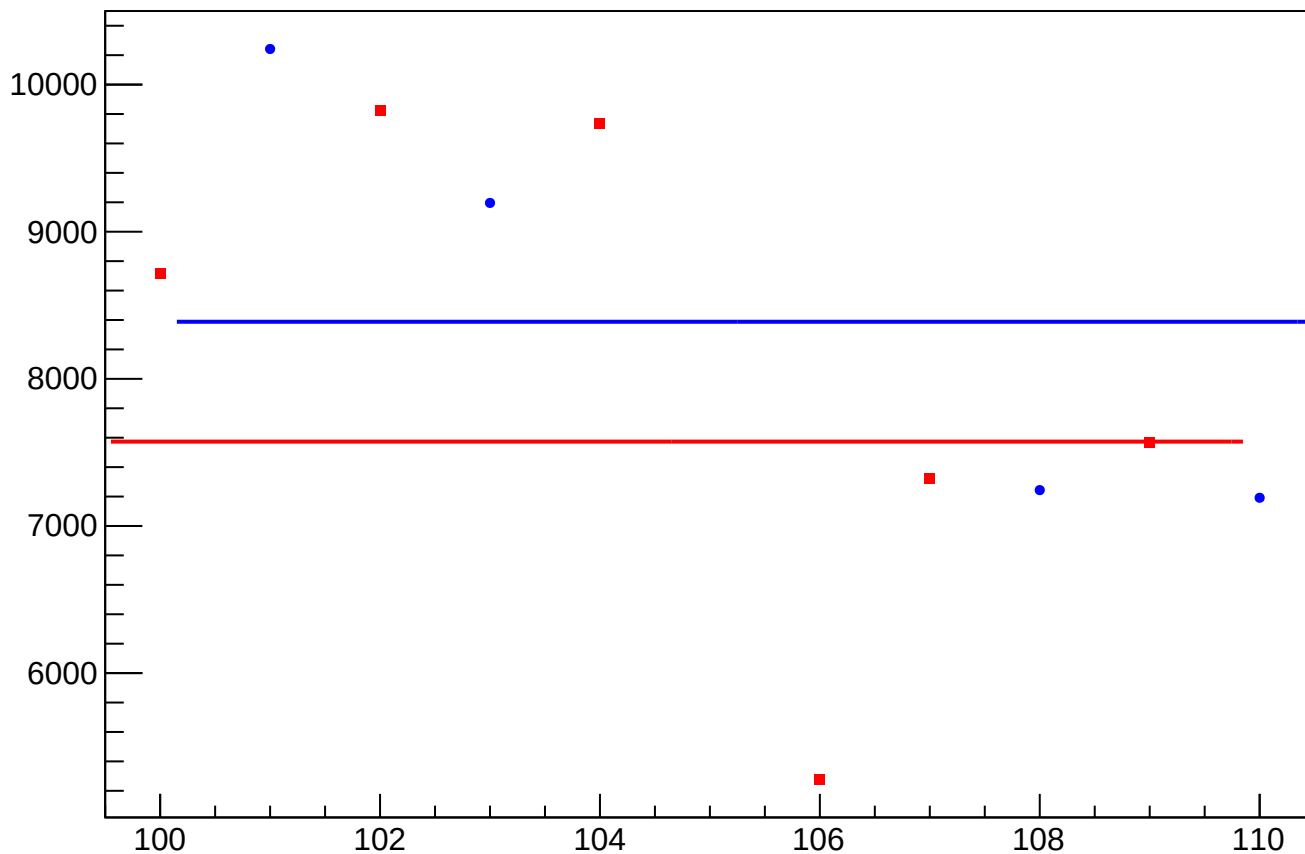
Right: 9.631+/-3.871 χ^2/NDF : 18.6/9

In: 11.582+/-5.973 χ^2/NDF : 7.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.631+/-3.871 χ^2/NDF : 18.6/9

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8388.074+/-4.224 χ^2/NDF : 92430.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7573.365+/-3.593 χ^2/NDF : 244705.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

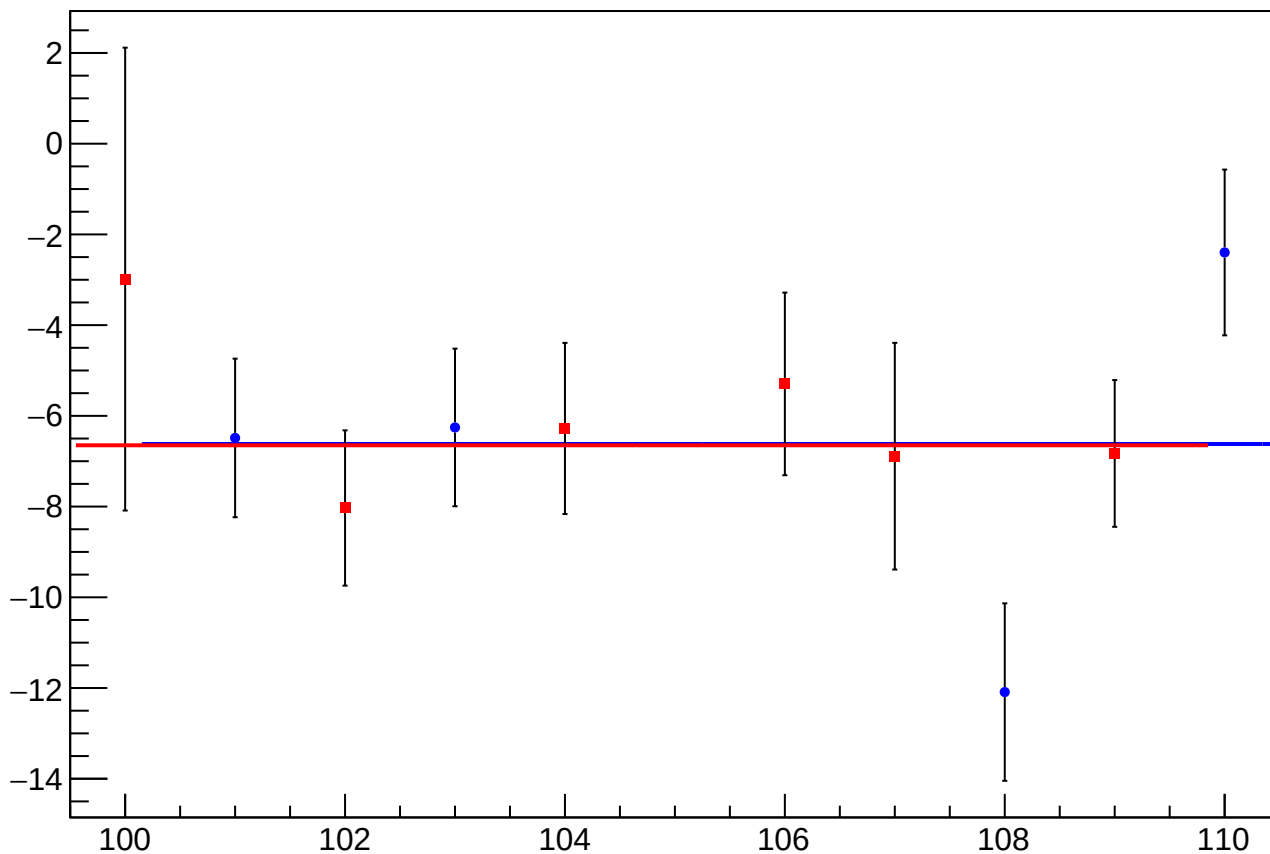
Right: 7915.438+/-2.737 χ^2/NDF : 358720.5/9

In: 8388.074+/-4.224 χ^2/NDF : 92430.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7915.438+/-2.737 χ^2/NDF : 358720.5/9

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -6.620 $\pm$ 0.905 χ^2 /NDF: 13.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.649 $\pm$ 0.831 χ^2 /NDF: 1.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

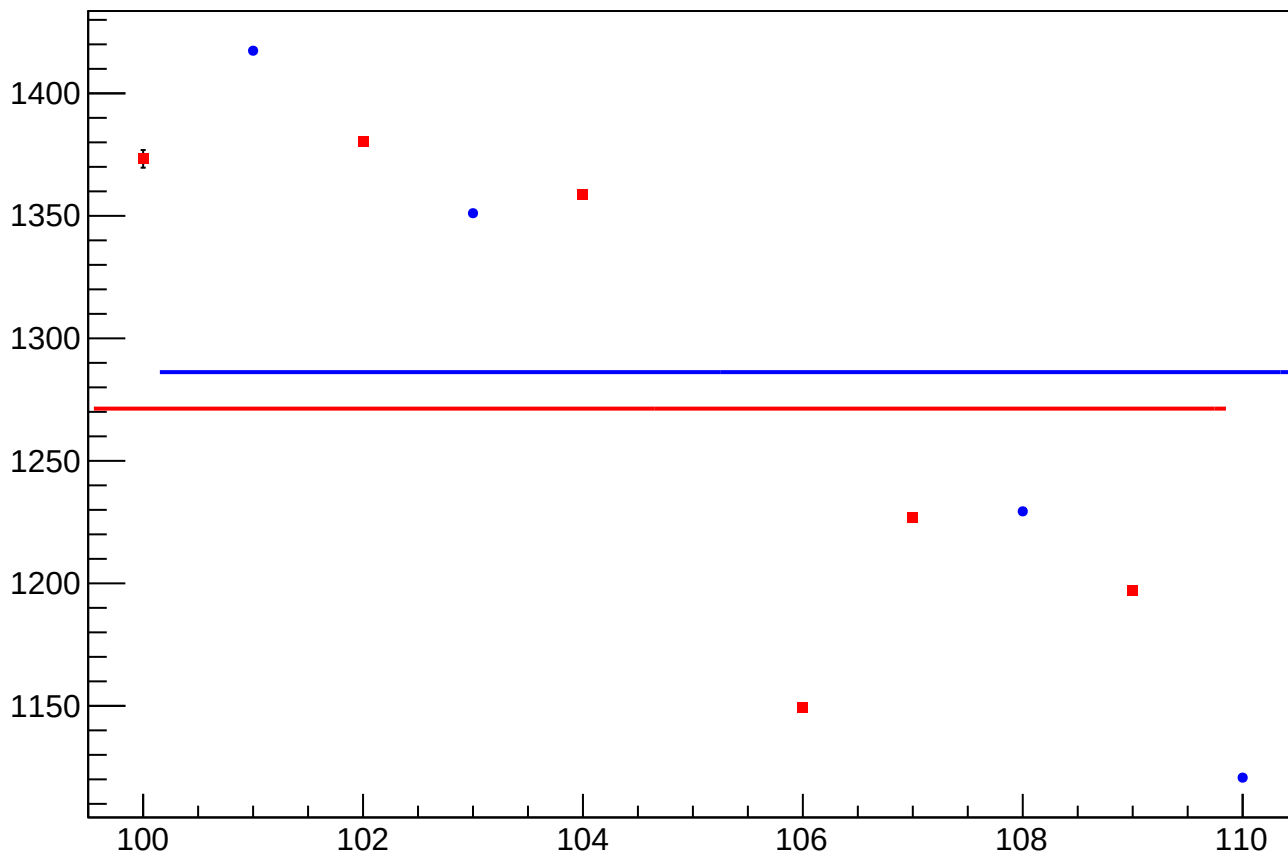
Right: -6.636 $\pm$ 0.612 χ^2 /NDF: 14.9/9

In: -6.620 $\pm$ 0.905 χ^2 /NDF:13.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.636 $\pm$ 0.612 χ^2 /NDF: 14.9/9

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1286.212+/-0.640 χ^2/NDF : 32156.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1271.327+/-0.587 χ^2/NDF : 25392.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

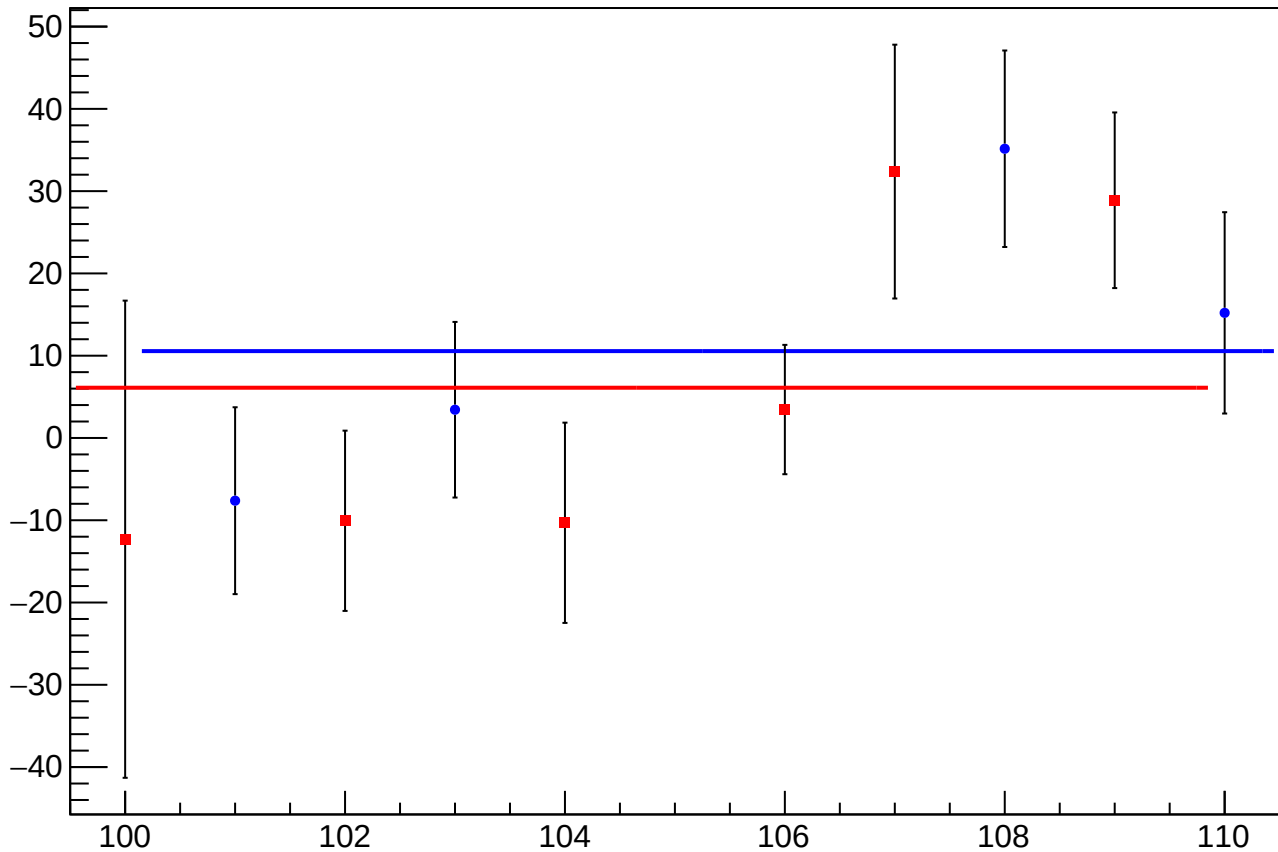
Right: 1278.128+/-0.433 χ^2/NDF : 57842.7/9

In: 1286.212+/-0.640 χ^2/NDF : 32156.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.128+/-0.433 χ^2/NDF : 57842.7/9

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 10.558+/-5.752 χ^2/NDF : 7.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.107+/-4.691 χ^2/NDF : 12.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

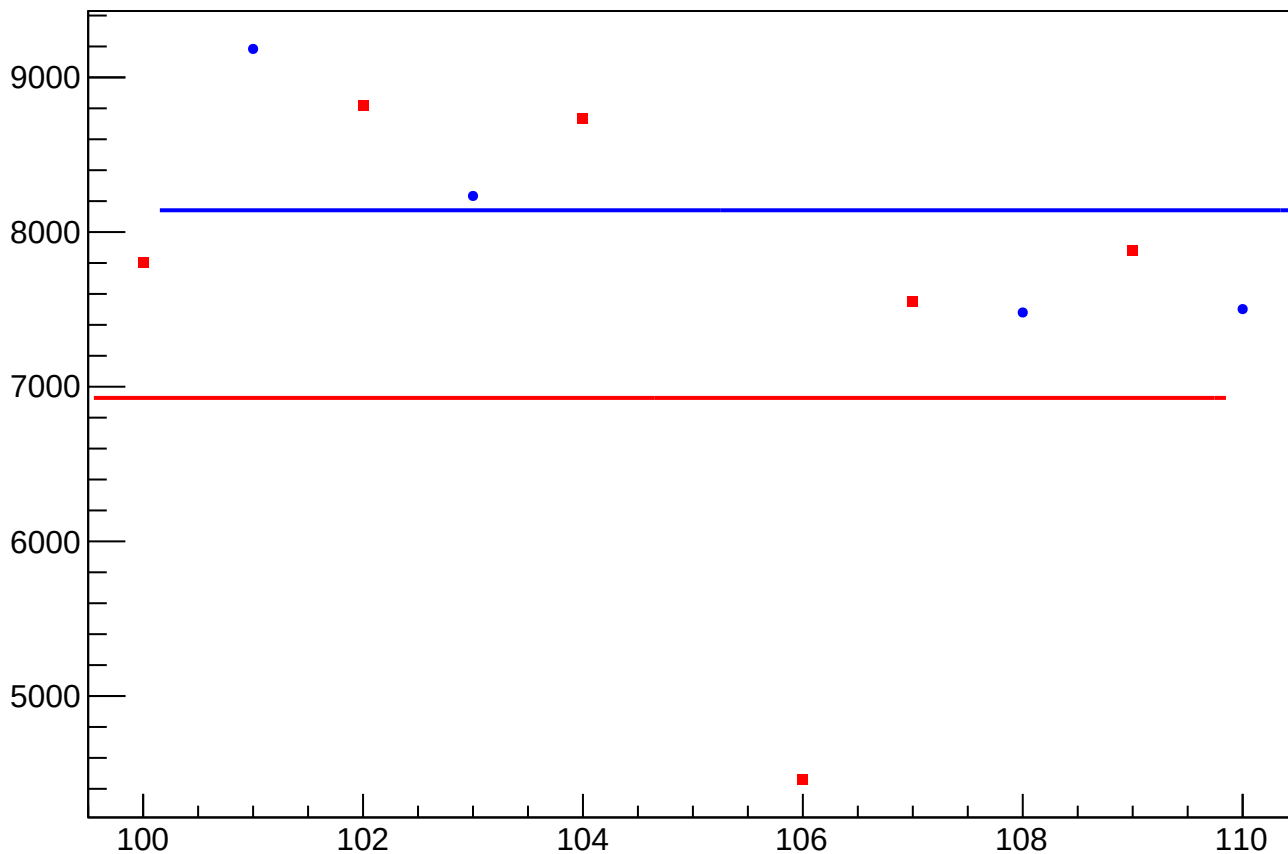
Right: 7.885+/-3.635 χ^2/NDF : 19.7/9

In: 10.558+/-5.752 χ^2/NDF : 7.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.885+/-3.635 χ^2/NDF : 19.7/9

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8140.892+/-4.067 χ^2/NDF : 28612.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6927.629+/-3.317 χ^2/NDF : 322275.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

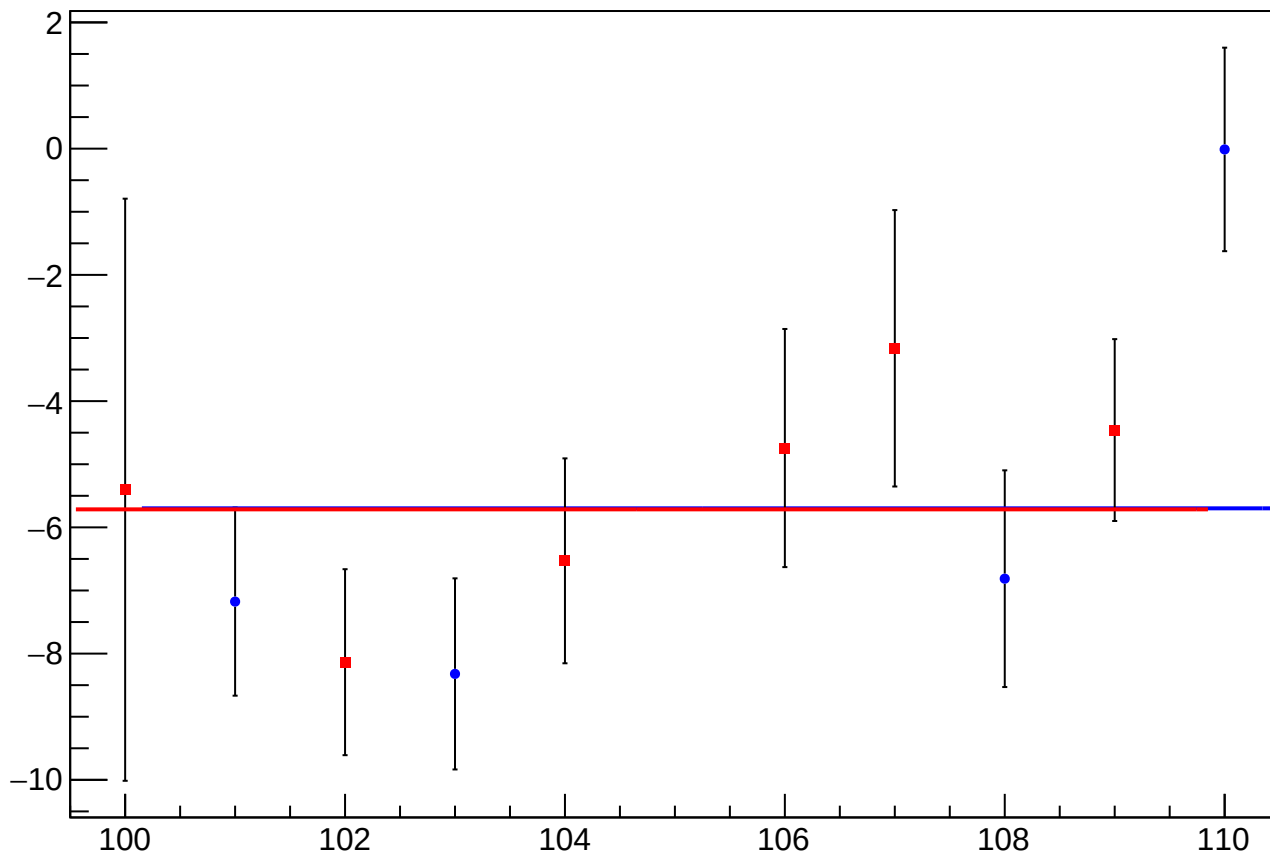
Right: 7412.289+/-2.571 χ^2/NDF : 404326.1/9

In: 8140.892+/-4.067 χ^2/NDF : 28612.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7412.289+/-2.571 χ^2/NDF : 404326.1/9

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -5.699+/-0.788 χ^2/NDF : 16.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.715+/-0.733 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

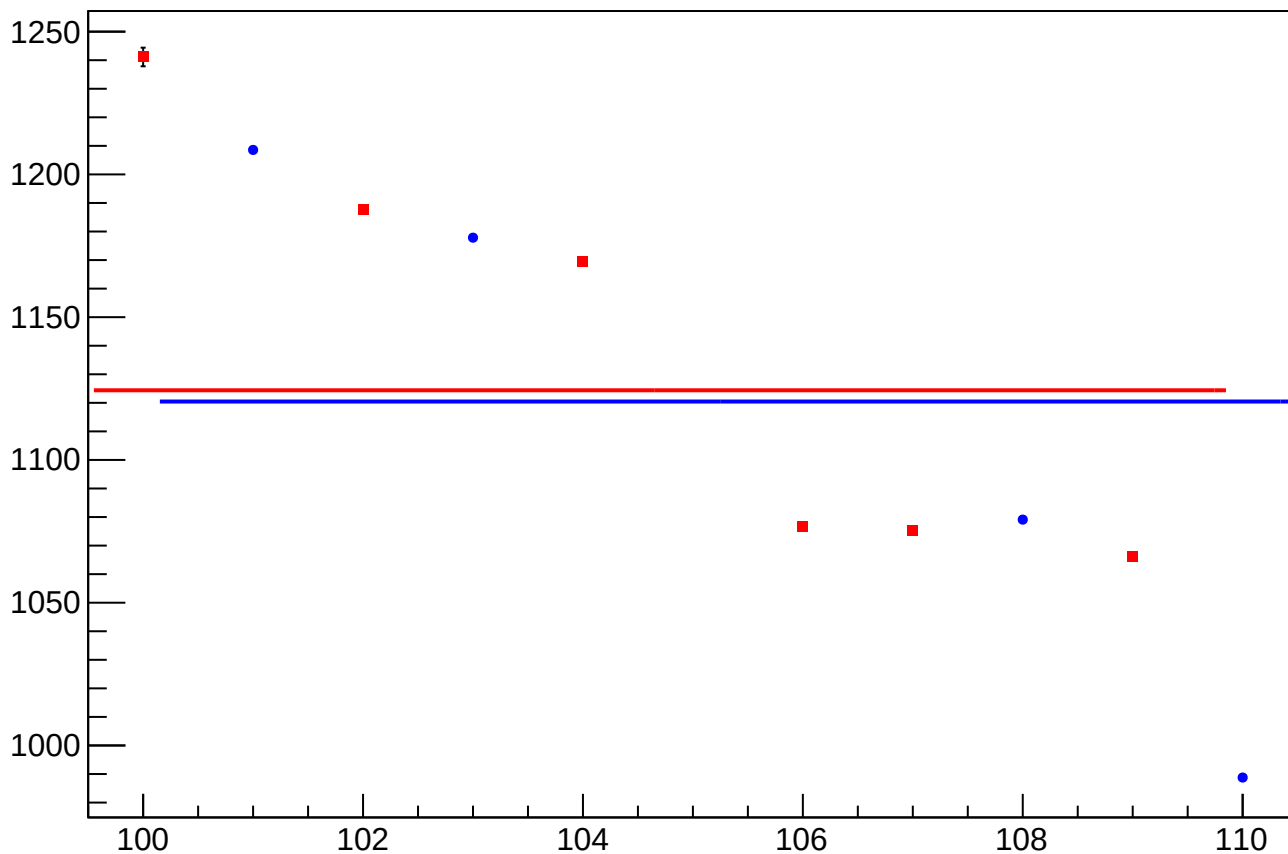
Right: -5.707+/-0.537 χ^2/NDF : 22.2/9

In: -5.699+/-0.788 χ^2/NDF : 16.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.707+/-0.537 χ^2/NDF : 22.2/9

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1120.460+/-0.557 χ^2/NDF : 24373.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1124.394+/-0.519 χ^2/NDF : 12056.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

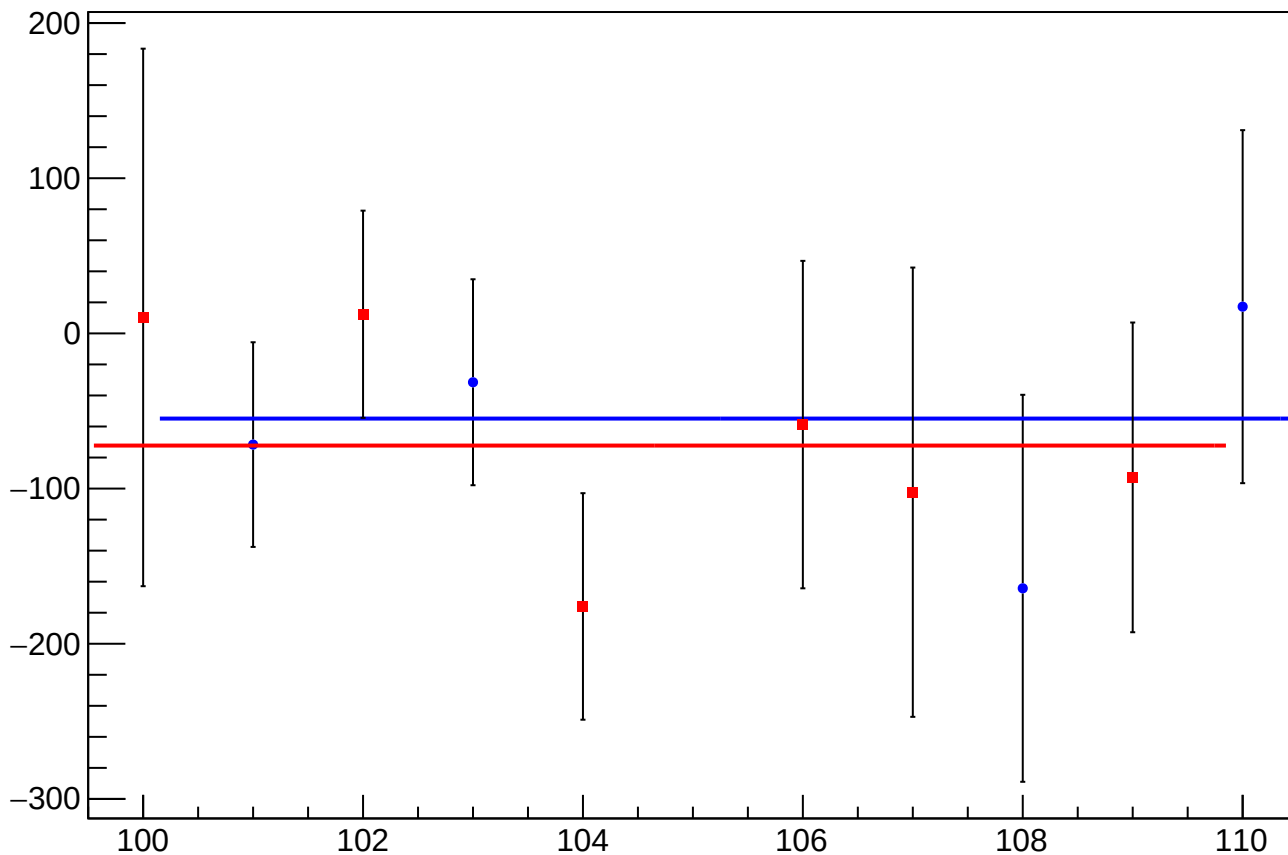
Right: 1122.568+/-0.380 χ^2/NDF : 36456.2/9

In: 1120.460+/-0.557 χ^2/NDF : 24373.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1122.568+/-0.380 χ^2/NDF : 36456.2/9

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -54.889 $\pm$ 40.873 χ^2 /NDF: 1.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -72.281 $\pm$ 38.254 χ^2 /NDF: 4.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

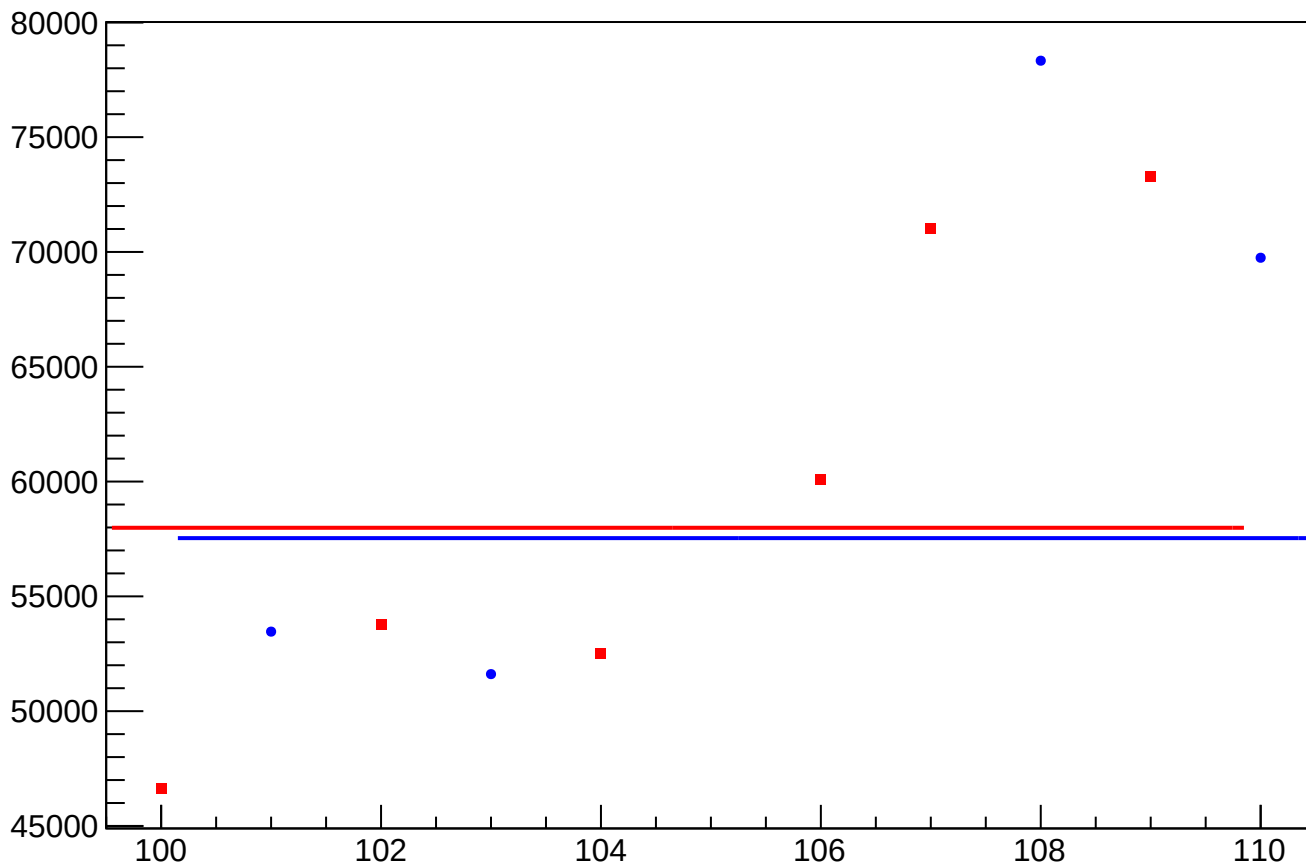
Right: -64.160 $\pm$ 27.930 χ^2 /NDF: 5.4/9

In: -54.889 $\pm$ 40.873 χ^2 /NDF:1.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -64.160 $\pm$ 27.930 χ^2 /NDF: 5.4/9

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 57536.356+/-28.902 χ^2/NDF : 102215.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57987.228+/-27.050 χ^2/NDF : 91960.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

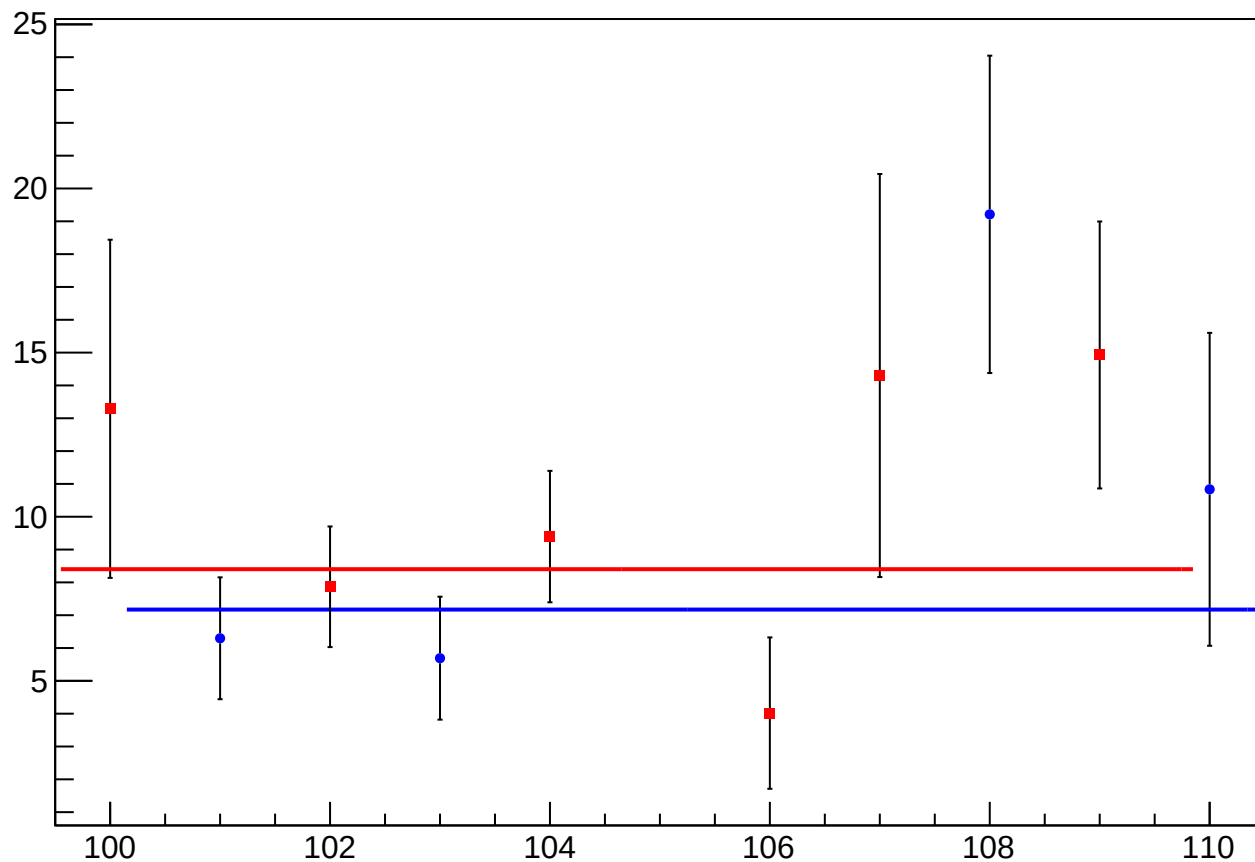
Right: 57776.698+/-19.749 χ^2/NDF : 194305.0/9

In: 57536.356+/-28.902 χ^2/NDF : 102215.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57776.698+/-19.749 χ^2/NDF : 194305.0/9

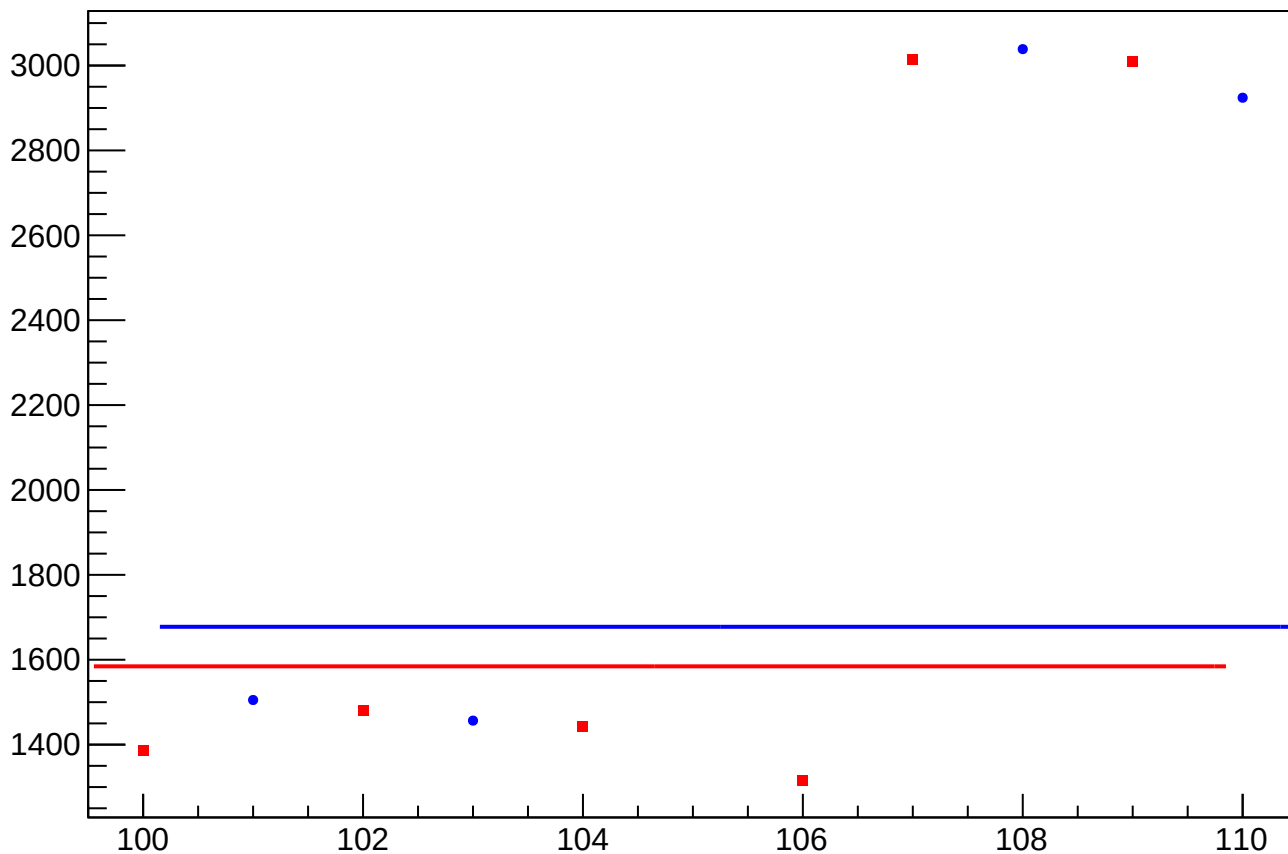
diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 7.172 $\pm$ 1.229 χ^2 /NDF: 7.6/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 8.402 $\pm$ 1.079 χ^2 /NDF: 8.3/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 7.866 $\pm$ 0.811 χ^2 /NDF: 16.6/9
 In: 7.172 $\pm$ 1.229 χ^2 /NDF: 7.6/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 7.866 $\pm$ 0.811 χ^2 /NDF: 16.6/9

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 1677.609 $\pm$ 0.869 χ^2 /NDF: 340455.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1584.438 $\pm$ 0.763 χ^2 /NDF: 400266.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

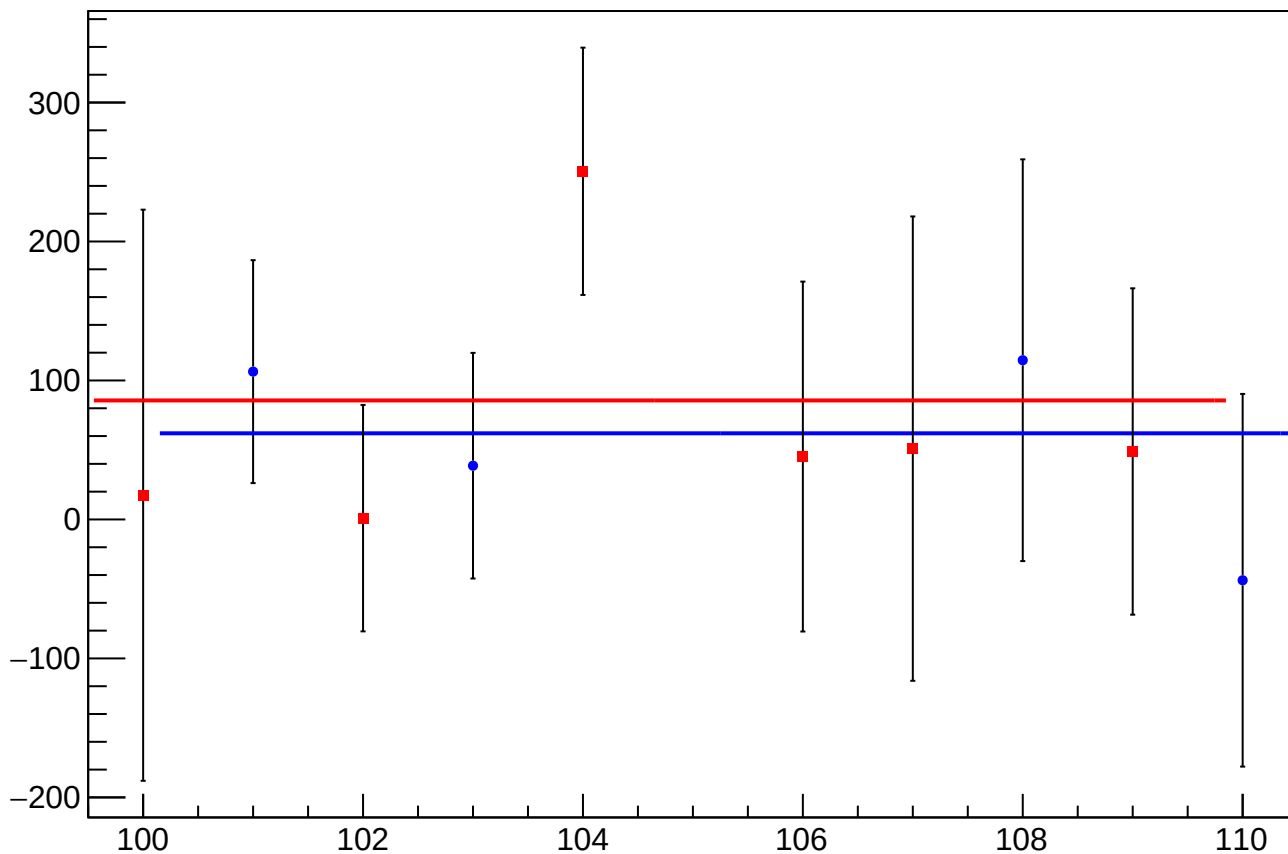
Right: 1625.014 $\pm$ 0.573 χ^2 /NDF: 747211.6/9

In: 1677.609 $\pm$ 0.869 χ^2 /NDF:340455.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1625.014 $\pm$ 0.573 χ^2 /NDF: 747211.6/9

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 61.977+/-49.345 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.635+/-46.017 χ^2/NDF : 4.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

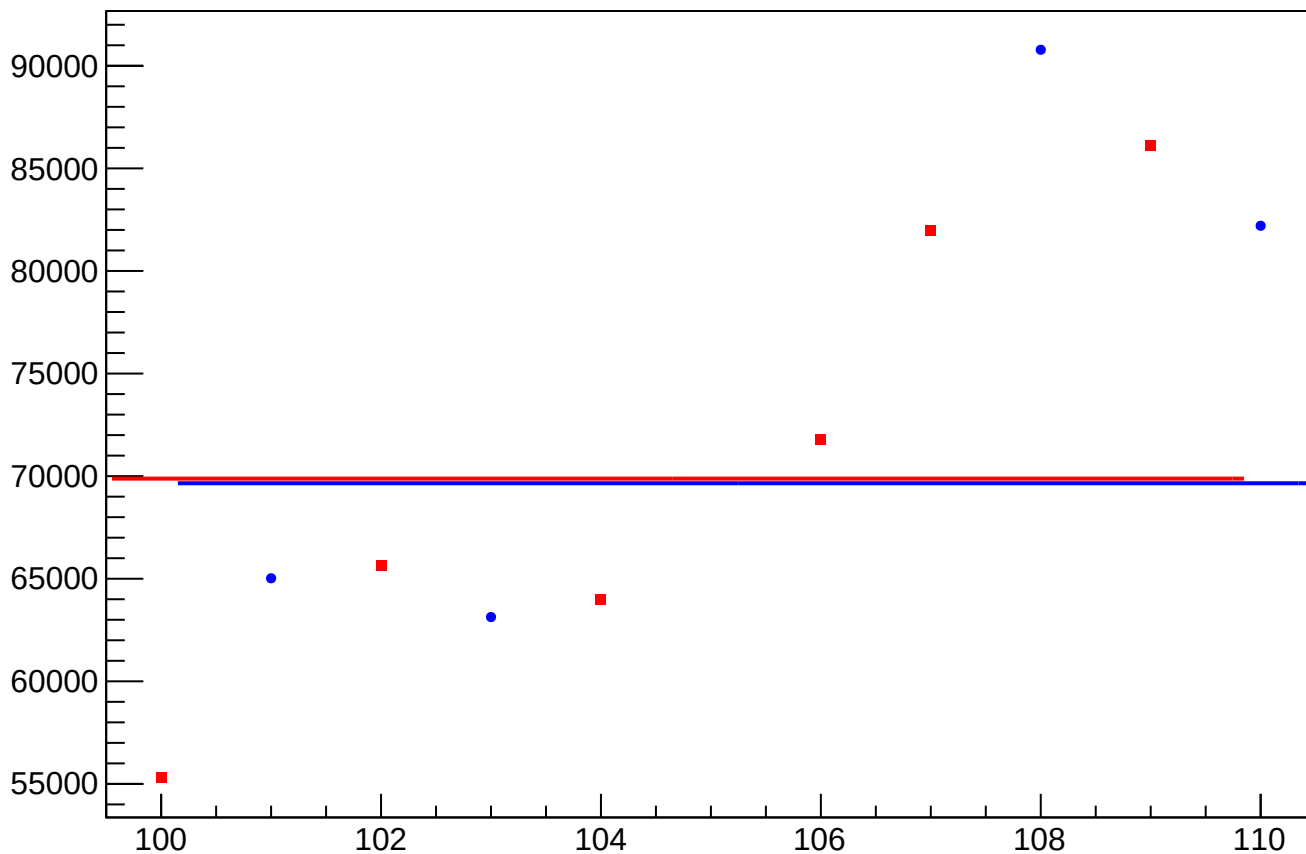
Right: 74.631+/-33.654 χ^2/NDF : 6.1/9

In: 61.977+/-49.345 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.631+/-33.654 χ^2/NDF : 6.1/9

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 69653.368+/-34.892 χ^2/NDF : 79824.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69879.736+/-32.539 χ^2/NDF : 73532.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

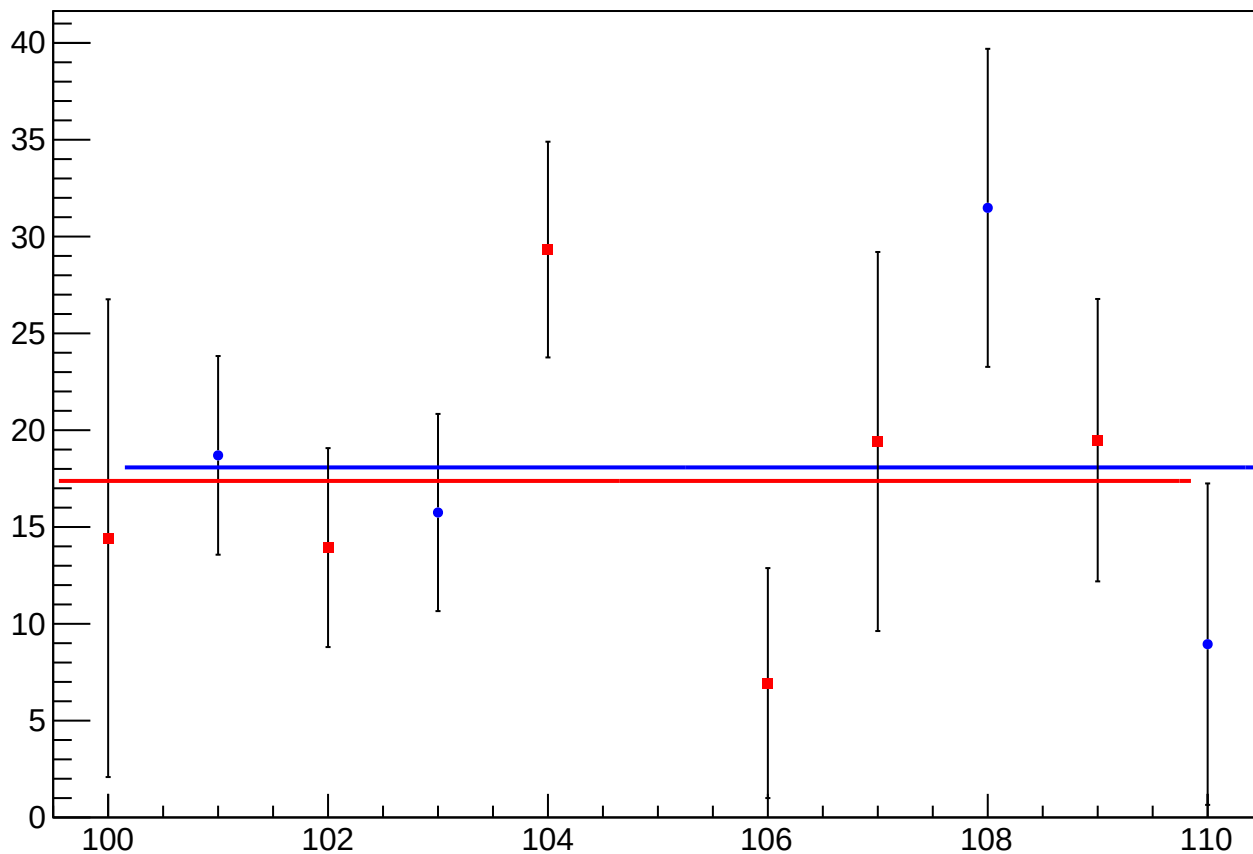
Right: 69774.441+/-23.797 χ^2/NDF : 153379.0/9

In: 69653.368+/-34.892 χ^2/NDF : 79824.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69774.441+/-23.797 χ^2/NDF : 153379.0/9

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 18.078+/-3.073 χ^2/NDF : 4.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.379+/-2.729 χ^2/NDF : 8.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

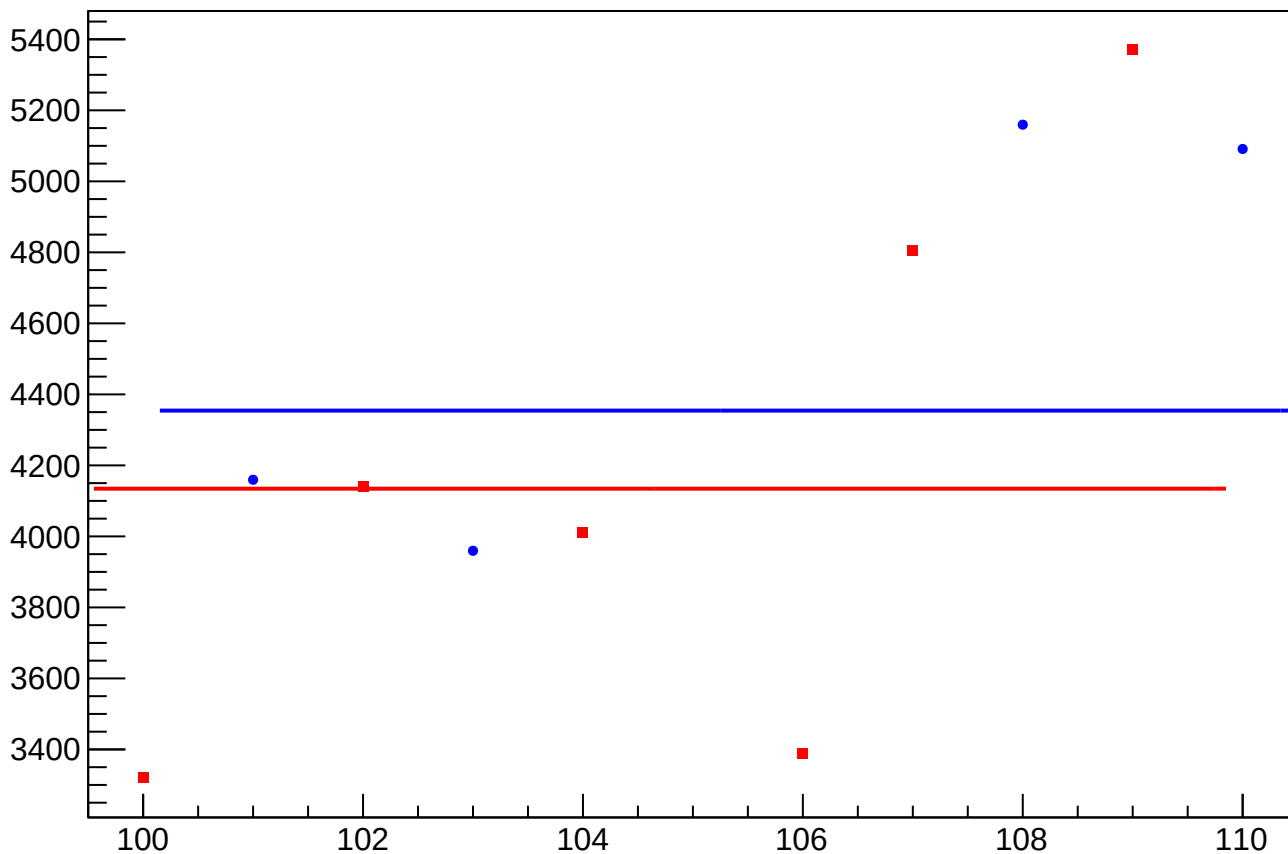
Right: 17.688+/-2.040 χ^2/NDF : 12.4/9

In: 18.078+/-3.073 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.688+/-2.040 χ^2/NDF : 12.4/9

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4354.317+/-2.173 χ^2/NDF : 49895.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4134.405+/-1.930 χ^2/NDF : 108082.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

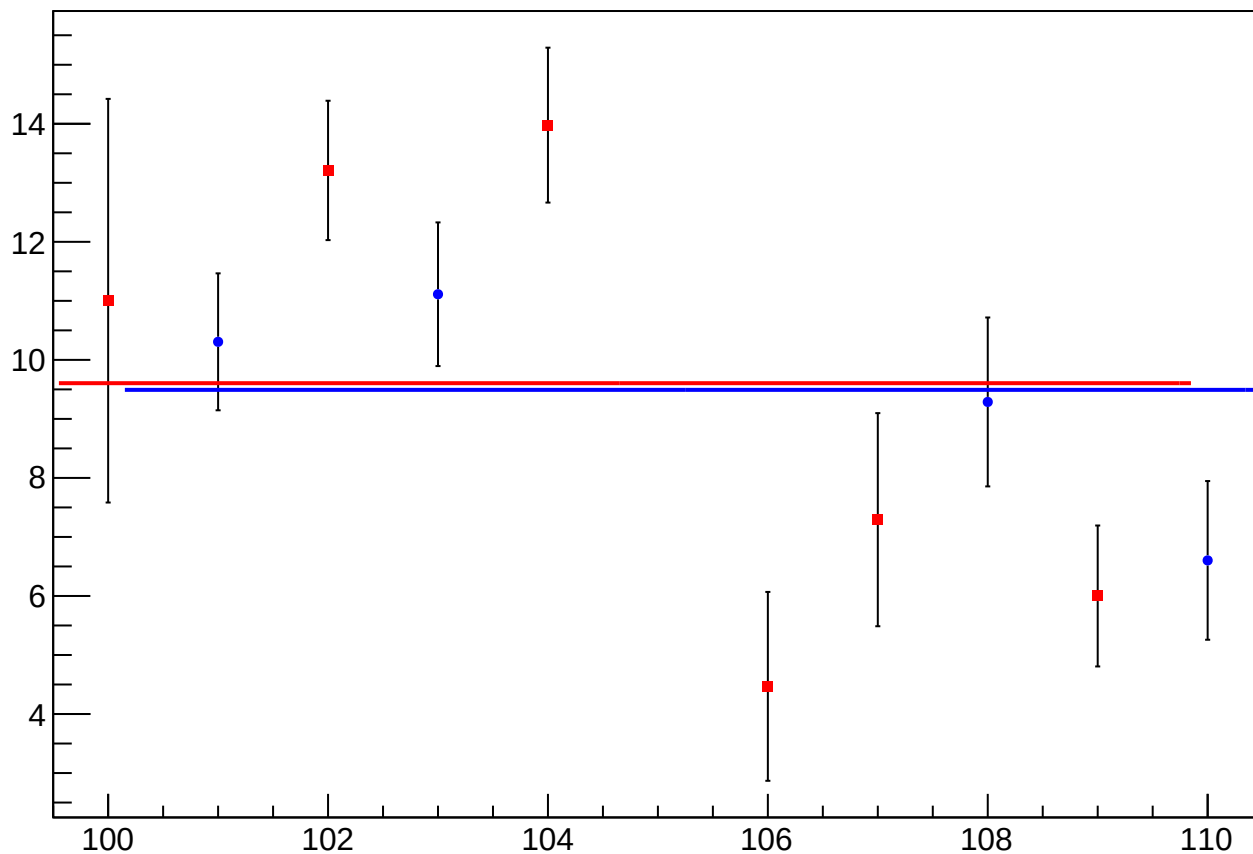
Right: 4231.373+/-1.443 χ^2/NDF : 163704.5/9

In: 4354.317+/-2.173 χ^2/NDF : 49895.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4231.373+/-1.443 χ^2/NDF : 163704.5/9

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 9.492+/-0.638 χ^2/NDF : 6.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.605+/-0.599 χ^2/NDF : 41.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

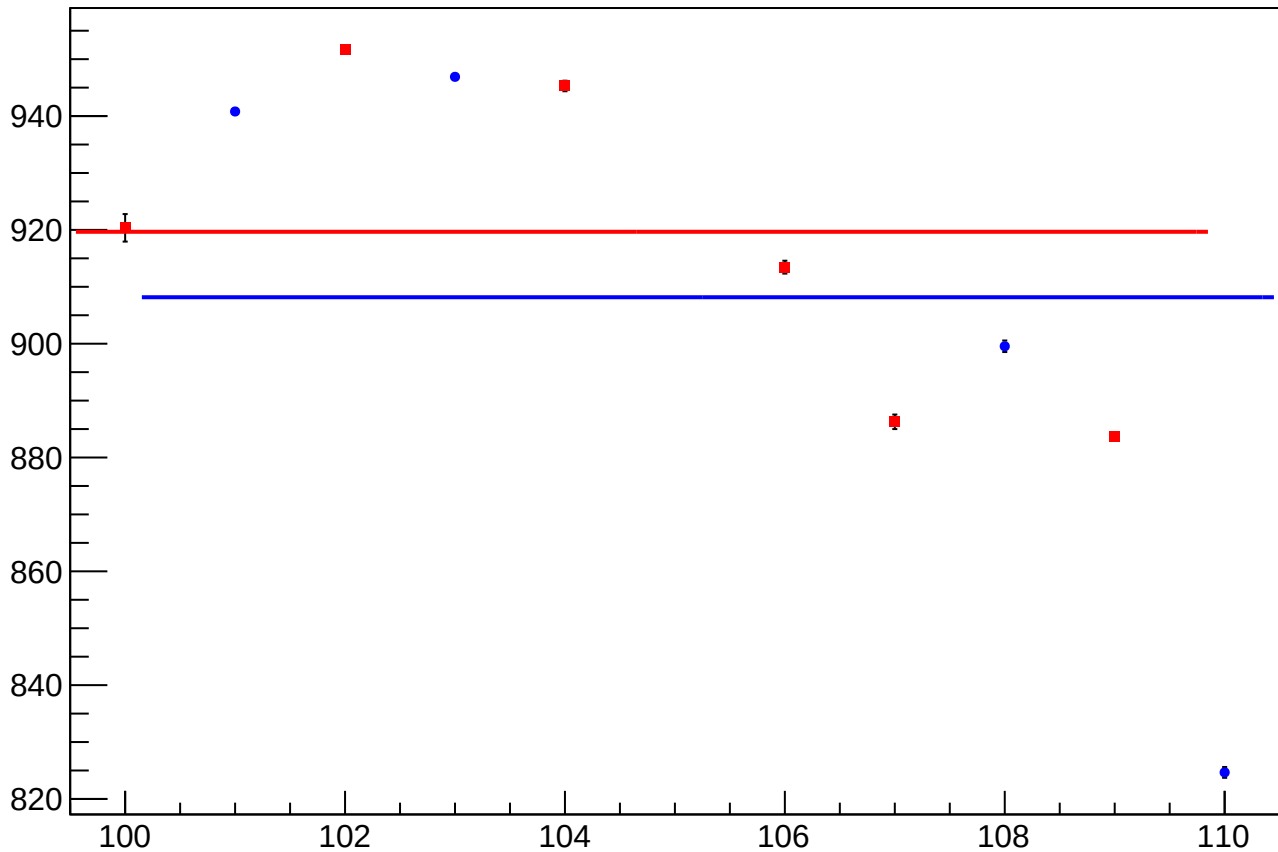
Right: 9.552+/-0.437 χ^2/NDF : 48.6/9

In: 9.492+/-0.638 χ^2/NDF : 6.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.552+/-0.437 χ^2/NDF : 48.6/9

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 908.165+/-0.451 χ^2/NDF : 11396.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 919.668+/-0.424 χ^2/NDF : 4769.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

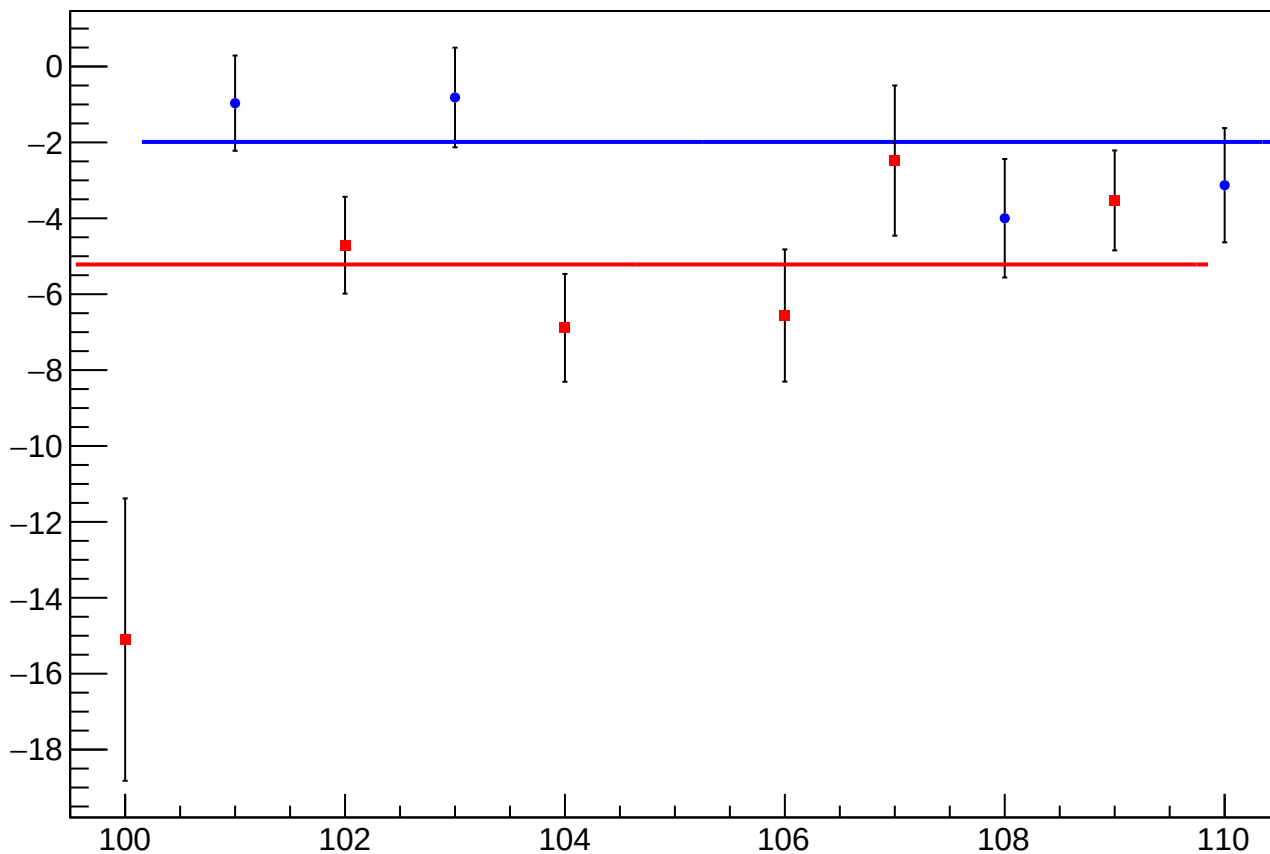
Right: 914.271+/-0.309 χ^2/NDF : 16512.0/9

In: 908.165+/-0.451 χ^2/NDF : 11396.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 914.271+/-0.309 χ^2/NDF : 16512.0/9

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -1.987 ± 0.696 χ^2/NDF : 3.7/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.217 ± 0.653 χ^2/NDF : 12.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

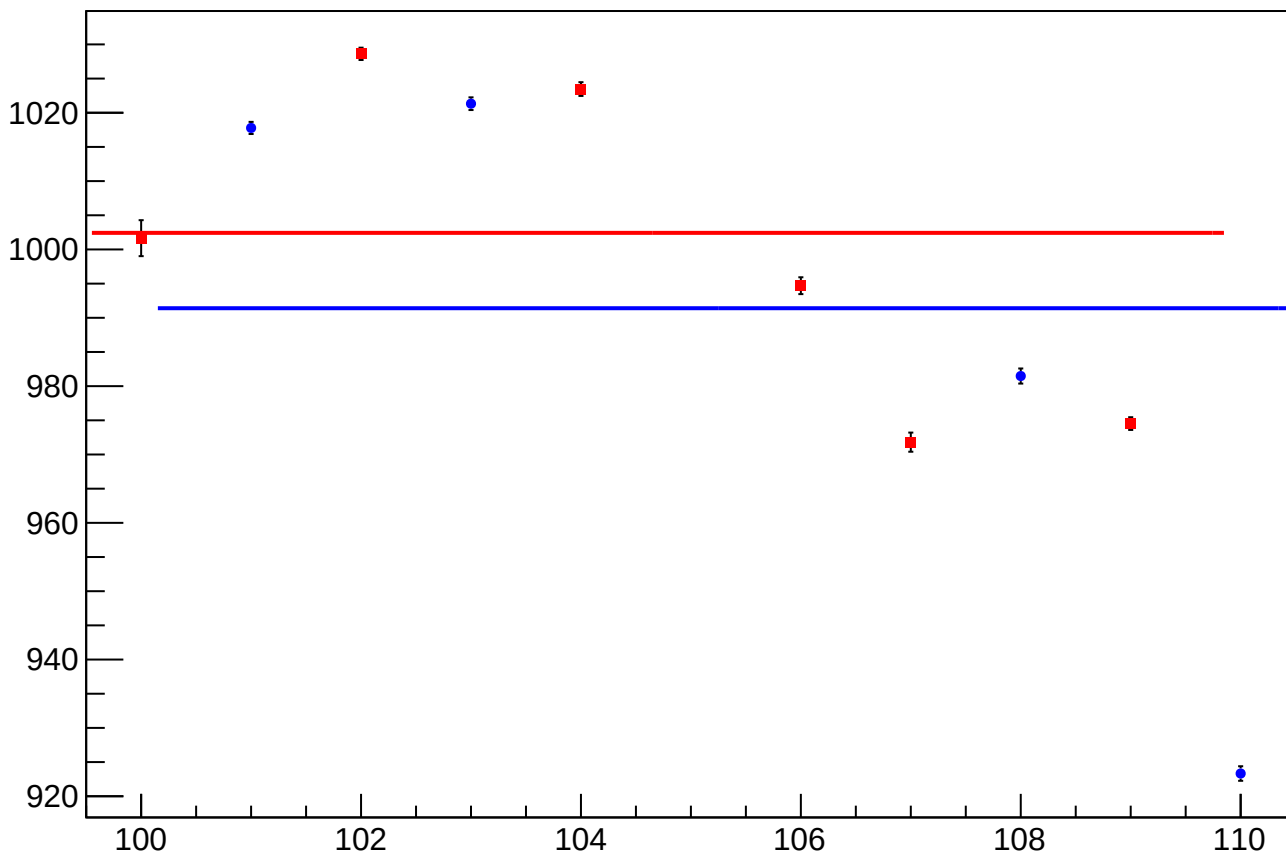
Right: -3.703 ± 0.476 χ^2/NDF : 27.9/9

In: -1.987 ± 0.696 χ^2/NDF : 3.7/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.703 ± 0.476 χ^2/NDF : 27.9/9

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 991.402 $\pm$ 0.492 χ^2 /NDF: 6093.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1002.428 $\pm$ 0.462 χ^2 /NDF: 2697.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

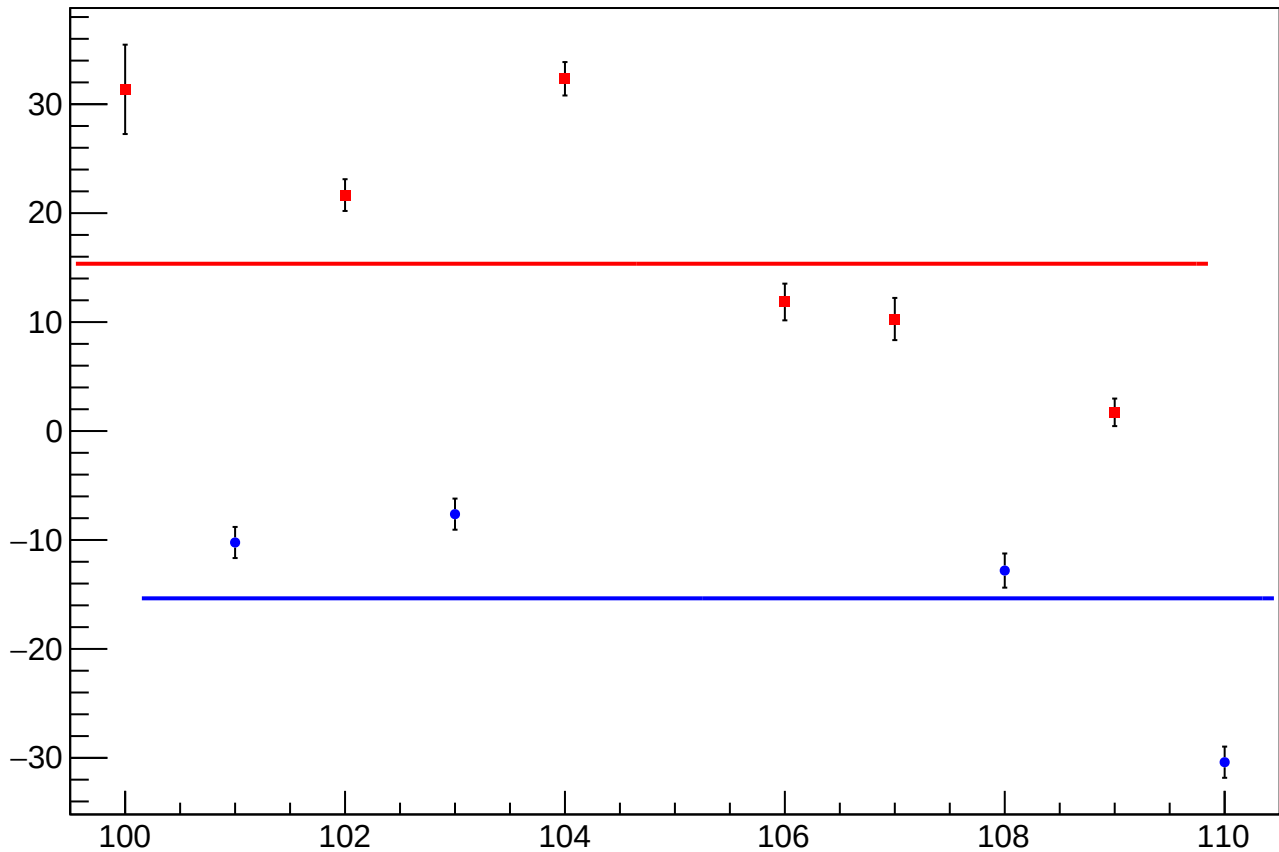
Right: 997.260 $\pm$ 0.337 χ^2 /NDF: 9058.0/9

In: 991.402 $\pm$ 0.492 χ^2 /NDF: 6093.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 997.260 $\pm$ 0.337 χ^2 /NDF: 9058.0/9

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -15.356±0.730 χ^2/NDF : 155.2/3

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: 15.356±0.674 χ^2/NDF : 284.1/5

Left In: 0.000±0.000 χ^2/NDF : 0.0/0

Left: 0.000±0.000 χ^2/NDF : 0.0/0

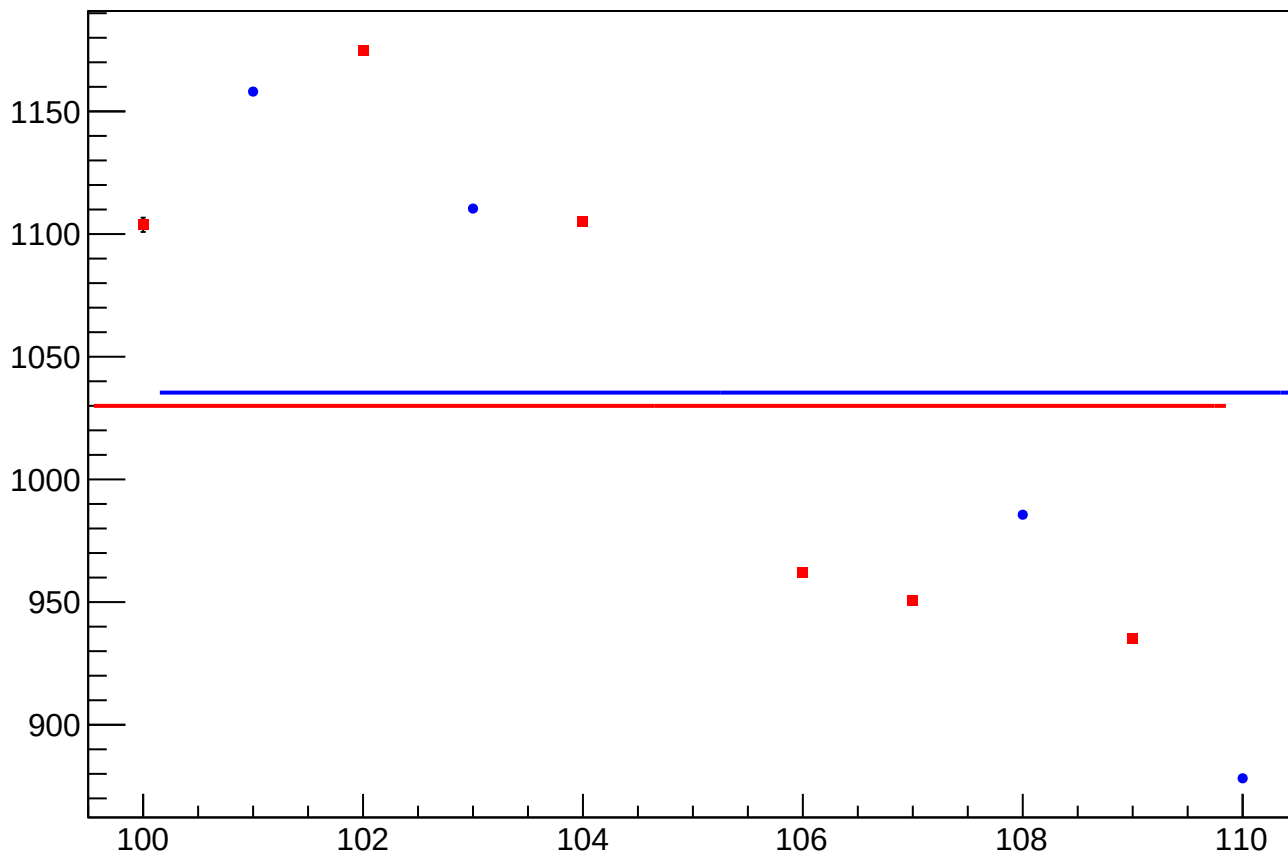
Right: 1.223±0.495 χ^2/NDF : 1394.2/9

In: -15.356±0.730 χ^2/NDF : 155.2/3

Out: 0.000±0.000 χ^2/NDF : 0.0/0

All: 1.223±0.495 χ^2/NDF : 1394.2/9

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1035.375+/-0.516 χ^2/NDF : 46406.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1029.973+/-0.477 χ^2/NDF : 43109.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

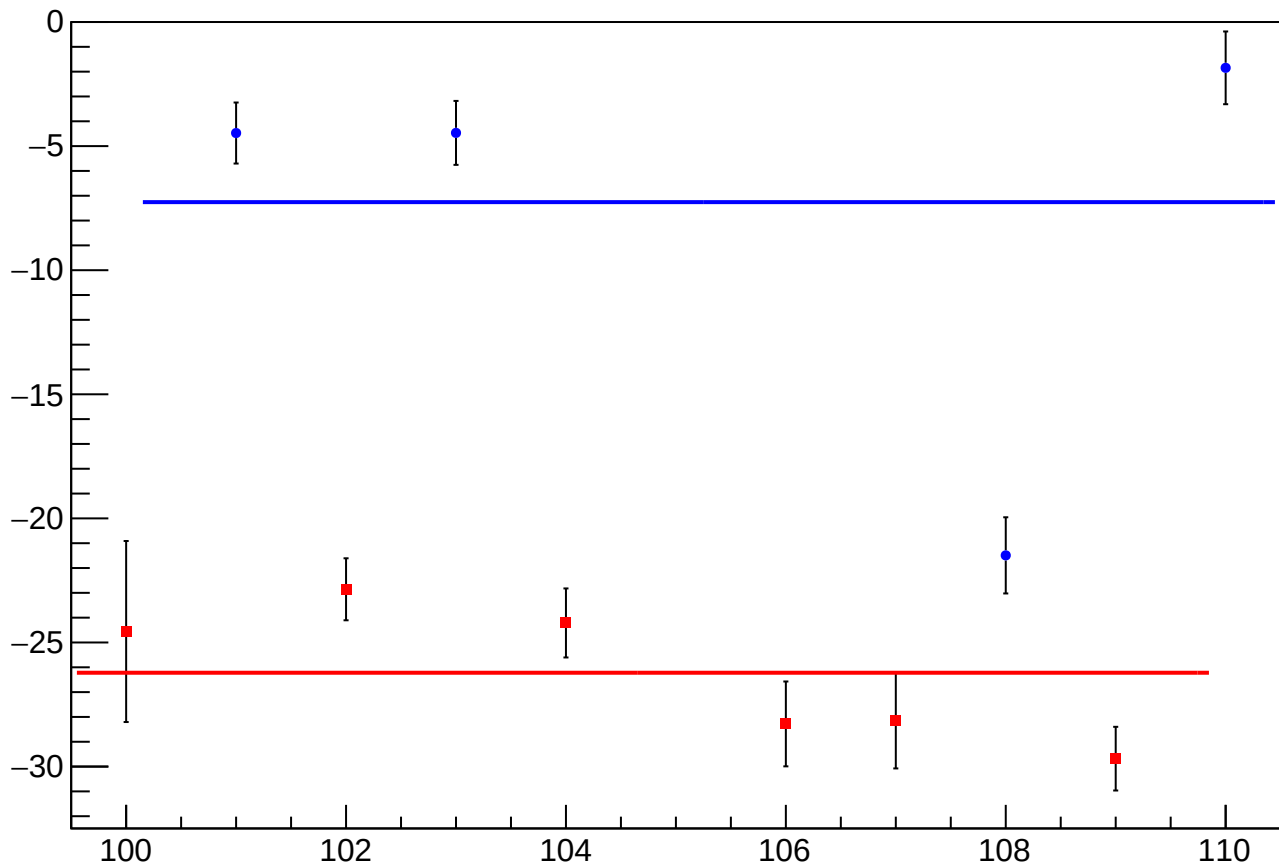
Right: 1032.459+/-0.350 χ^2/NDF : 89574.7/9

In: 1035.375+/-0.516 χ^2/NDF : 46406.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1032.459+/-0.350 χ^2/NDF : 89574.7/9

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -7.257 ± 0.681 $\chi^2/\text{NDF}: 109.5/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -26.219 ± 0.639 $\chi^2/\text{NDF}: 19.2/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

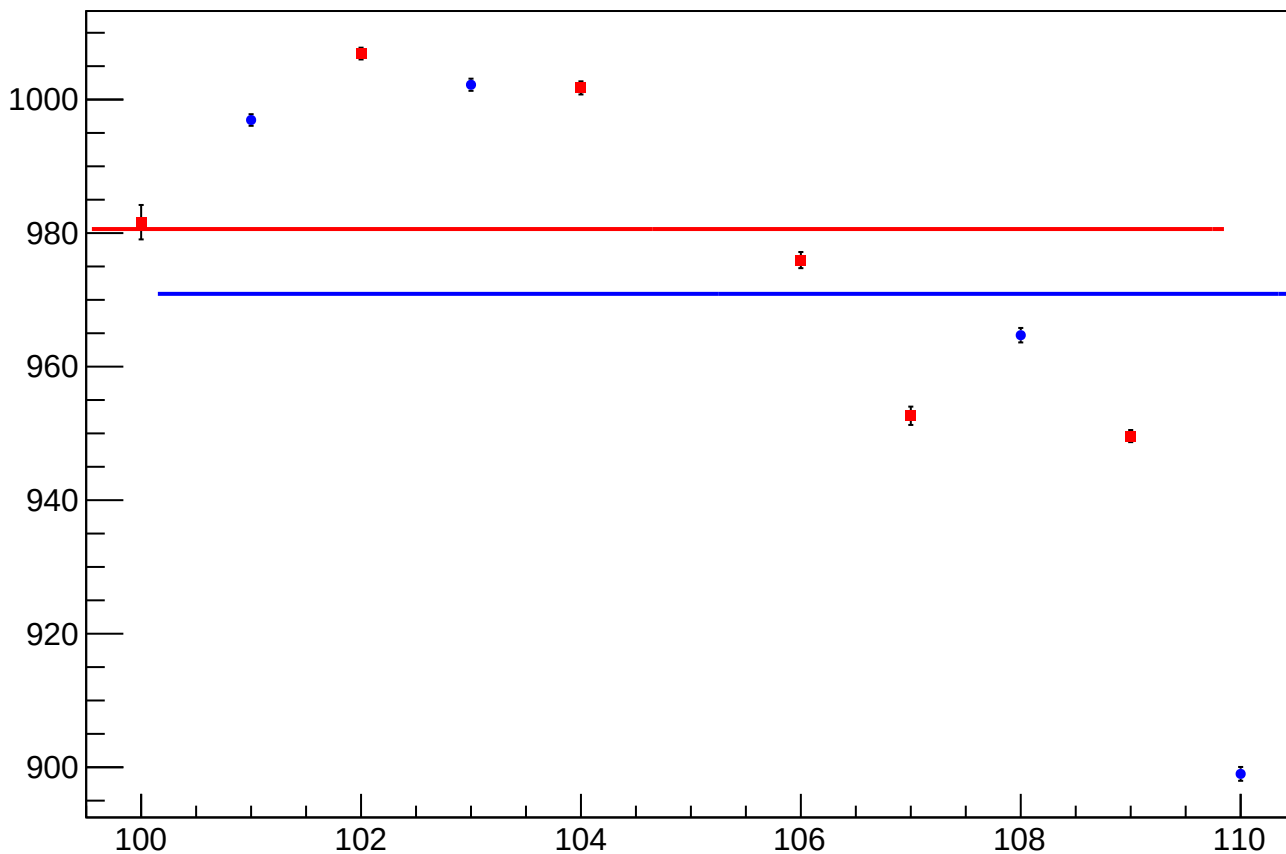
Right: -17.344 ± 0.466 $\chi^2/\text{NDF}: 540.8/9$

In: -7.257 ± 0.681 $\chi^2/\text{NDF}: 109.5/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -17.344 ± 0.466 $\chi^2/\text{NDF}: 540.8/9$

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 970.900+/-0.482 χ^2/NDF : 6925.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 980.606+/-0.452 χ^2/NDF : 2946.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

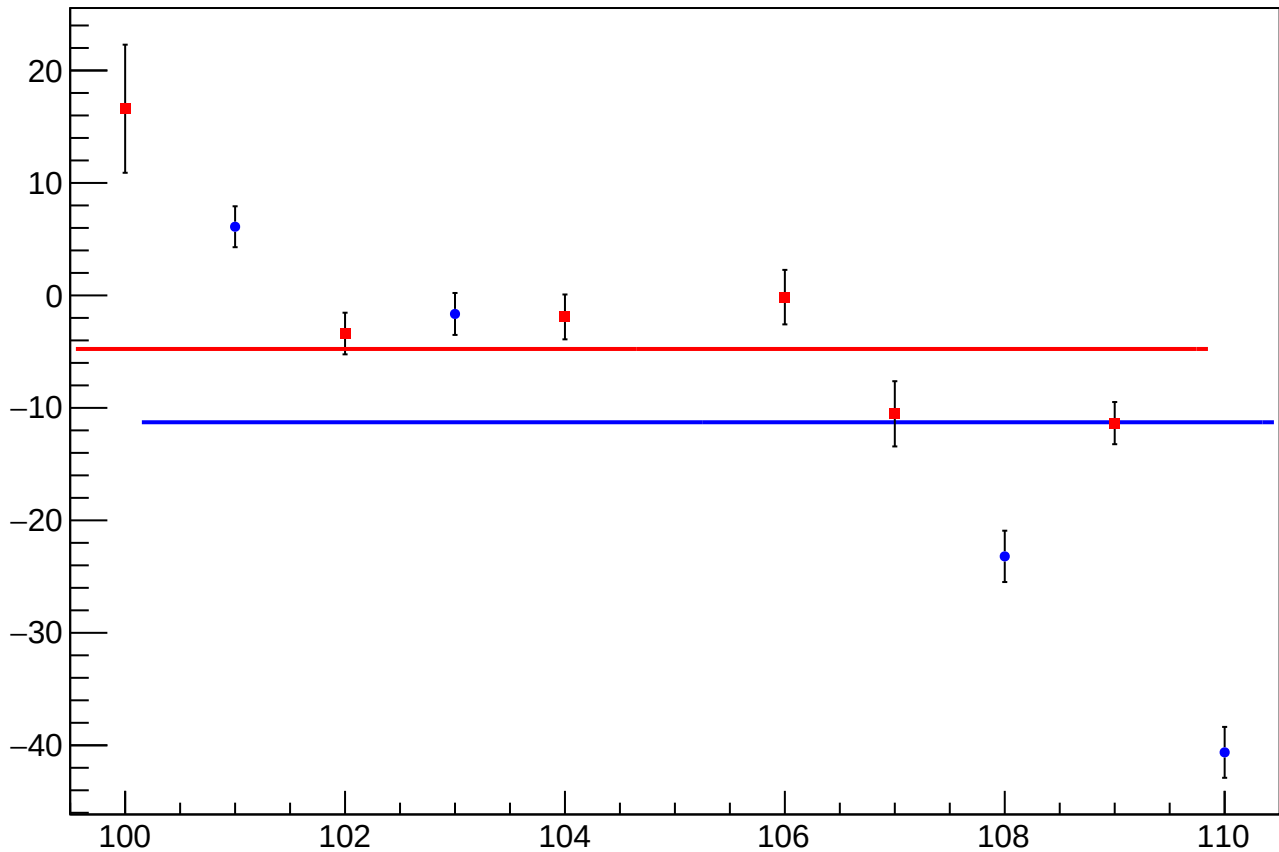
Right: 976.063+/-0.330 χ^2/NDF : 10087.2/9

In: 970.900+/-0.482 χ^2/NDF : 6925.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 976.063+/-0.330 χ^2/NDF : 10087.2/9

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -11.278 ± 1.012 χ^2/NDF : 313.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.761 ± 0.933 χ^2/NDF : 36.6/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

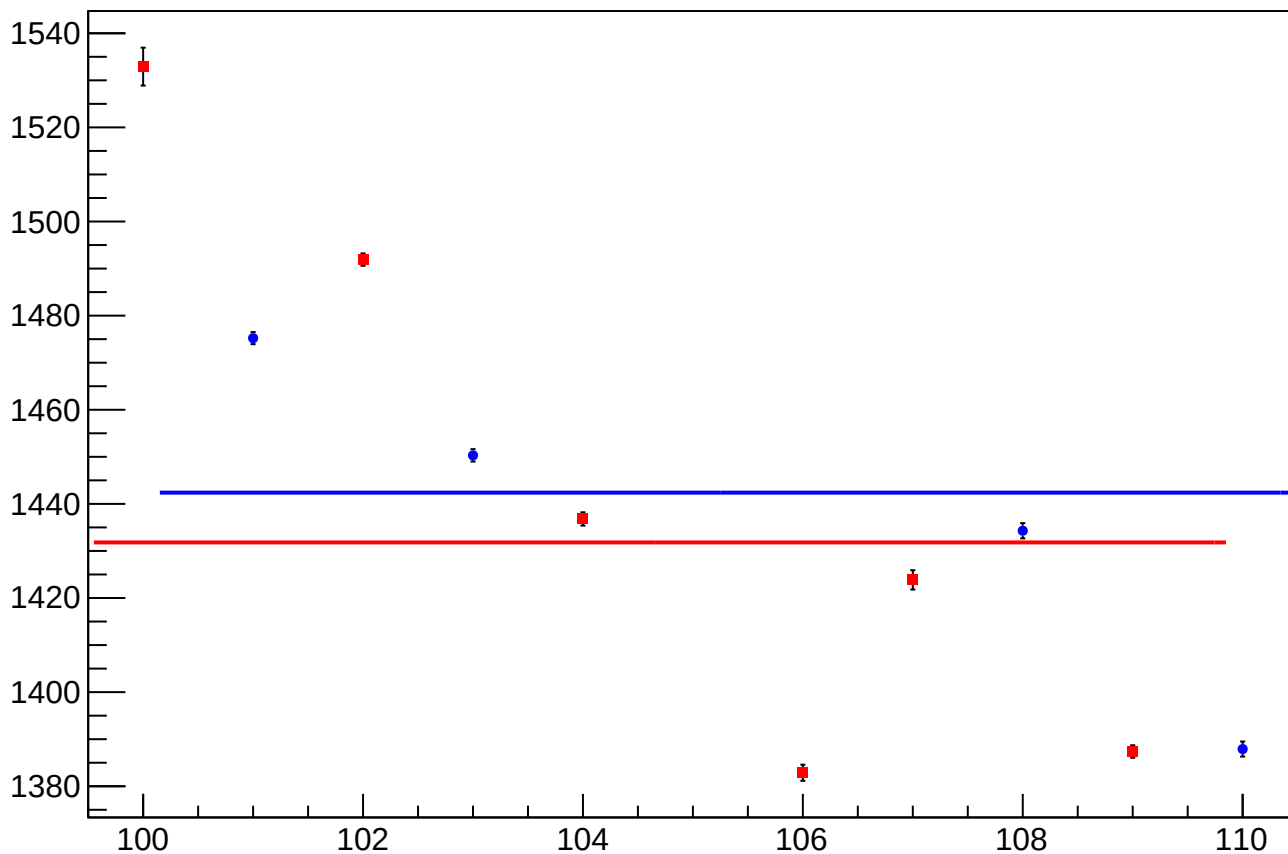
Right: -7.758 ± 0.686 χ^2/NDF : 372.6/9

In: -11.278 ± 1.012 χ^2/NDF : 313.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.758 ± 0.686 χ^2/NDF : 372.6/9

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1442.392+/-0.715 χ^2/NDF : 1872.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1431.810+/-0.660 χ^2/NDF : 4706.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

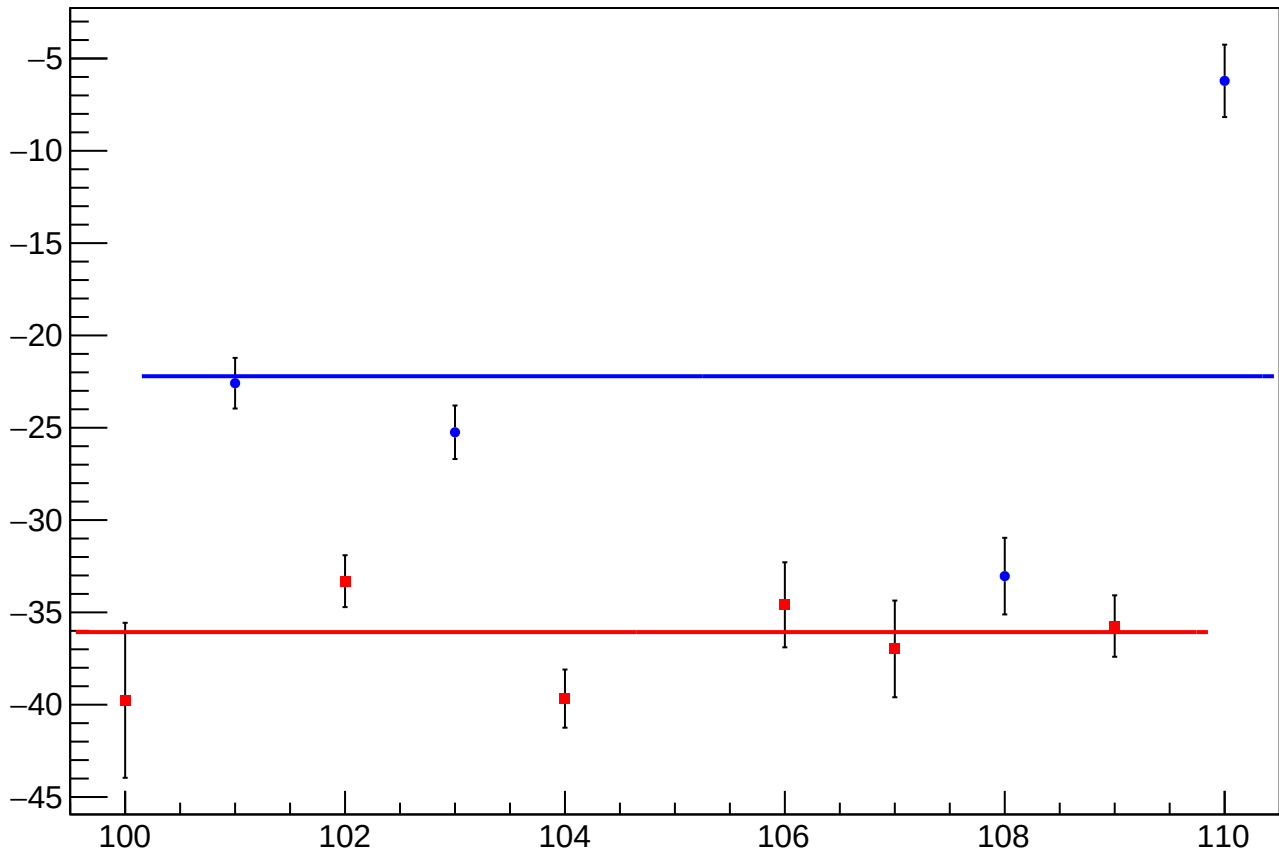
Right: 1436.676+/-0.485 χ^2/NDF : 6697.4/9

In: 1442.392+/-0.715 χ^2/NDF : 1872.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1436.676+/-0.485 χ^2/NDF : 6697.4/9

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -22.210 ± 0.817 χ^2/NDF : 98.2/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.068 ± 0.776 χ^2/NDF : 10.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

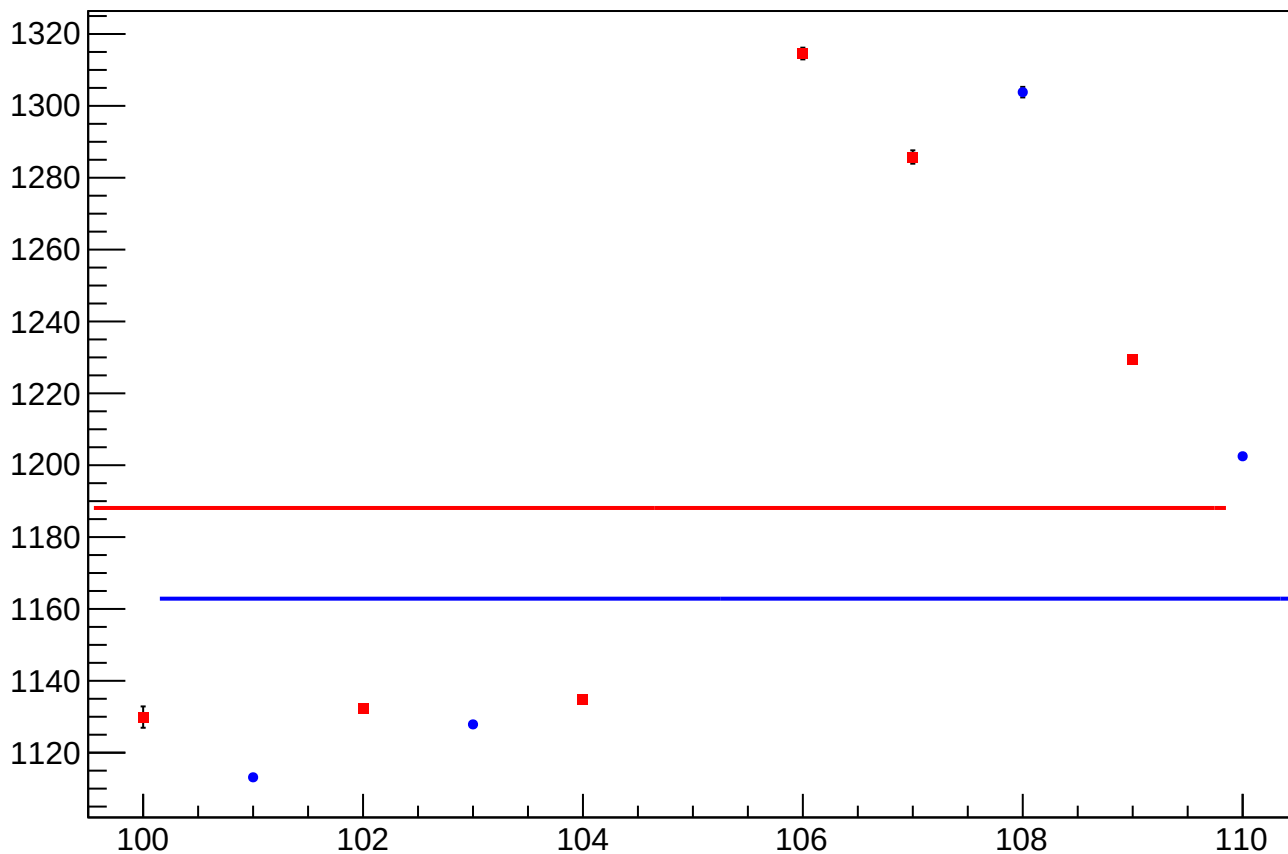
Right: -29.498 ± 0.562 χ^2/NDF : 260.0/9

In: -22.210 ± 0.817 χ^2/NDF : 98.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.498 ± 0.562 χ^2/NDF : 260.0/9

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1162.861+/-0.578 χ^2/NDF : 13831.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1188.099+/-0.548 χ^2/NDF : 15873.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

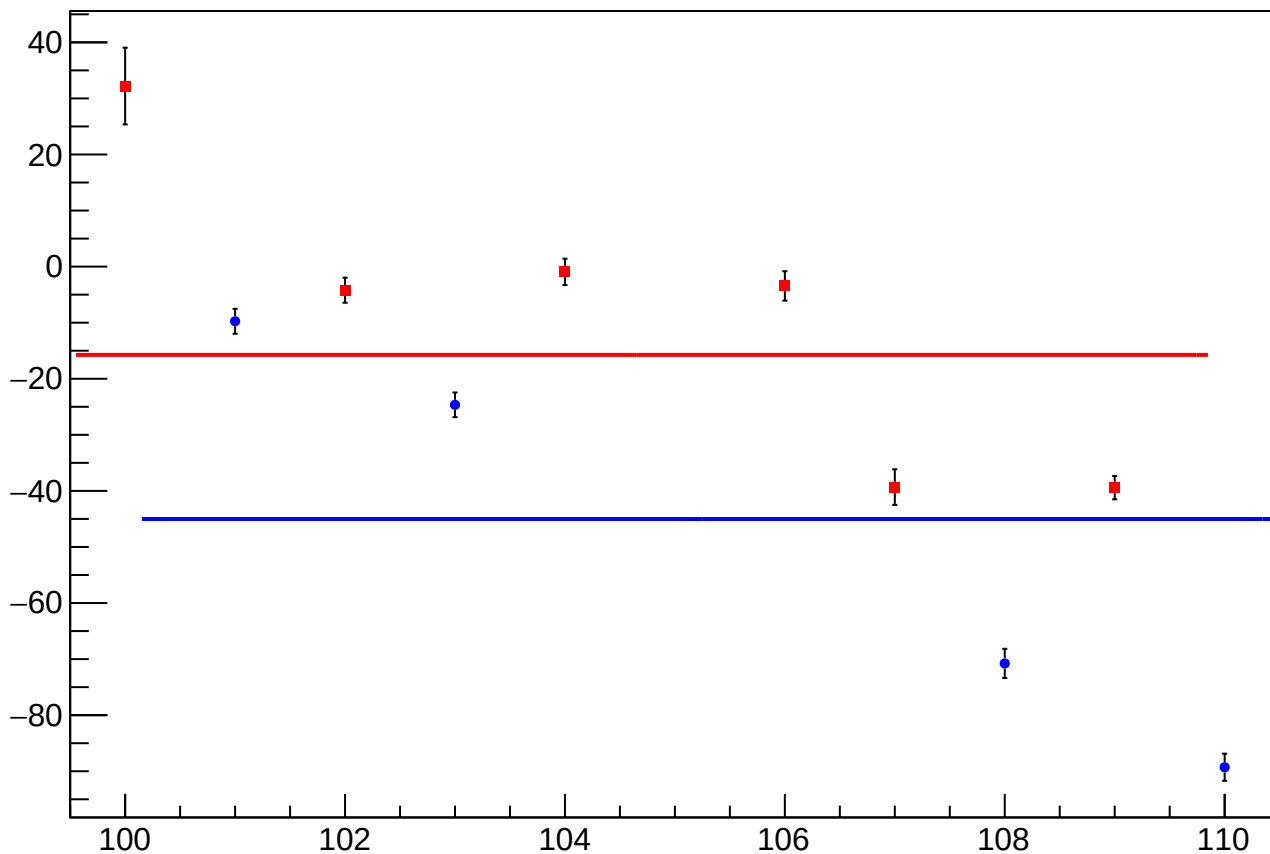
Right: 1176.134+/-0.398 χ^2/NDF : 30709.5/9

In: 1162.861+/-0.578 χ^2/NDF : 13831.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1176.134+/-0.398 χ^2/NDF : 30709.5/9

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -45.016+/-1.173 χ^2/NDF : 769.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.744+/-1.068 χ^2/NDF : 321.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

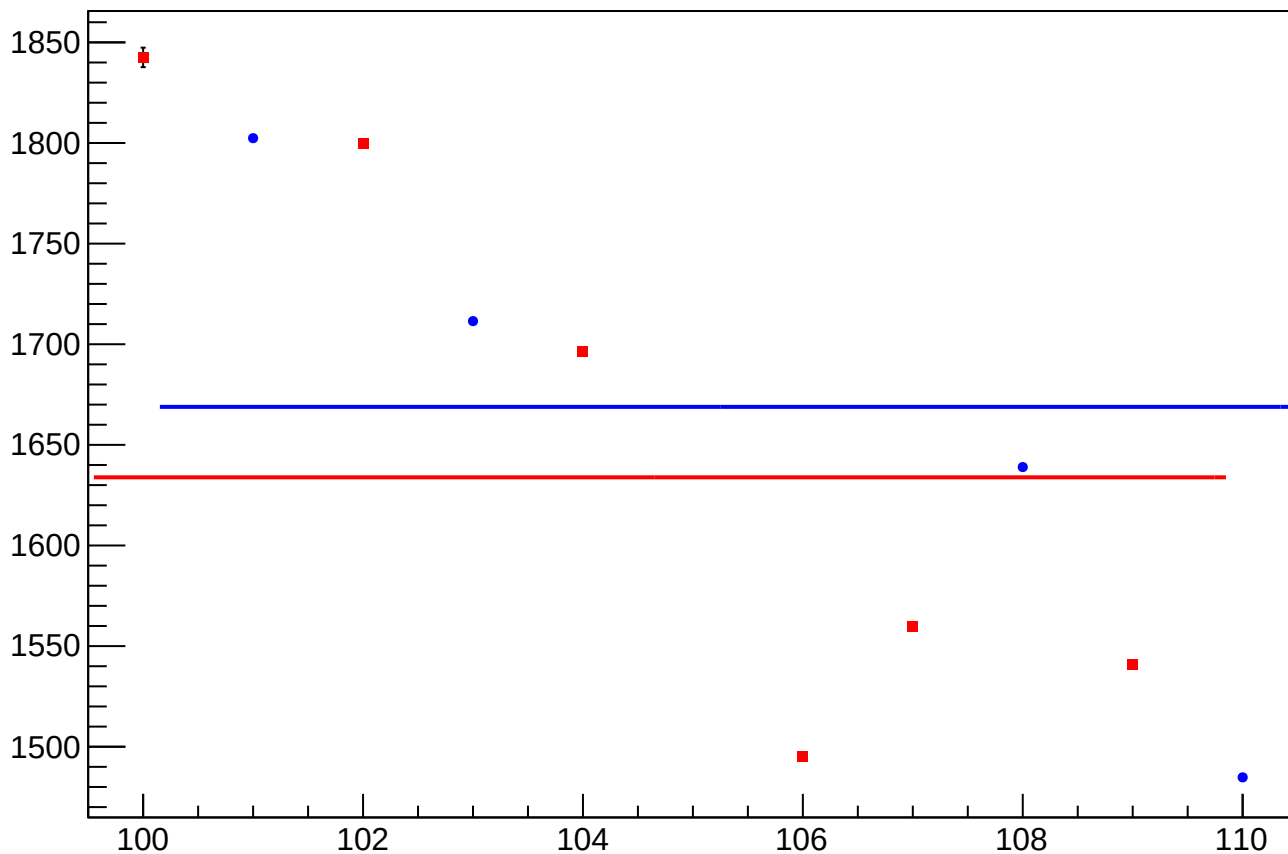
Right: -29.003+/-0.790 χ^2/NDF : 1431.6/9

In: -45.016+/-1.173 χ^2/NDF : 769.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.003+/-0.790 χ^2/NDF : 1431.6/9

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1668.883 $\pm$ 0.830 χ^2 /NDF: 19801.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1633.875 $\pm$ 0.755 χ^2 /NDF: 25004.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

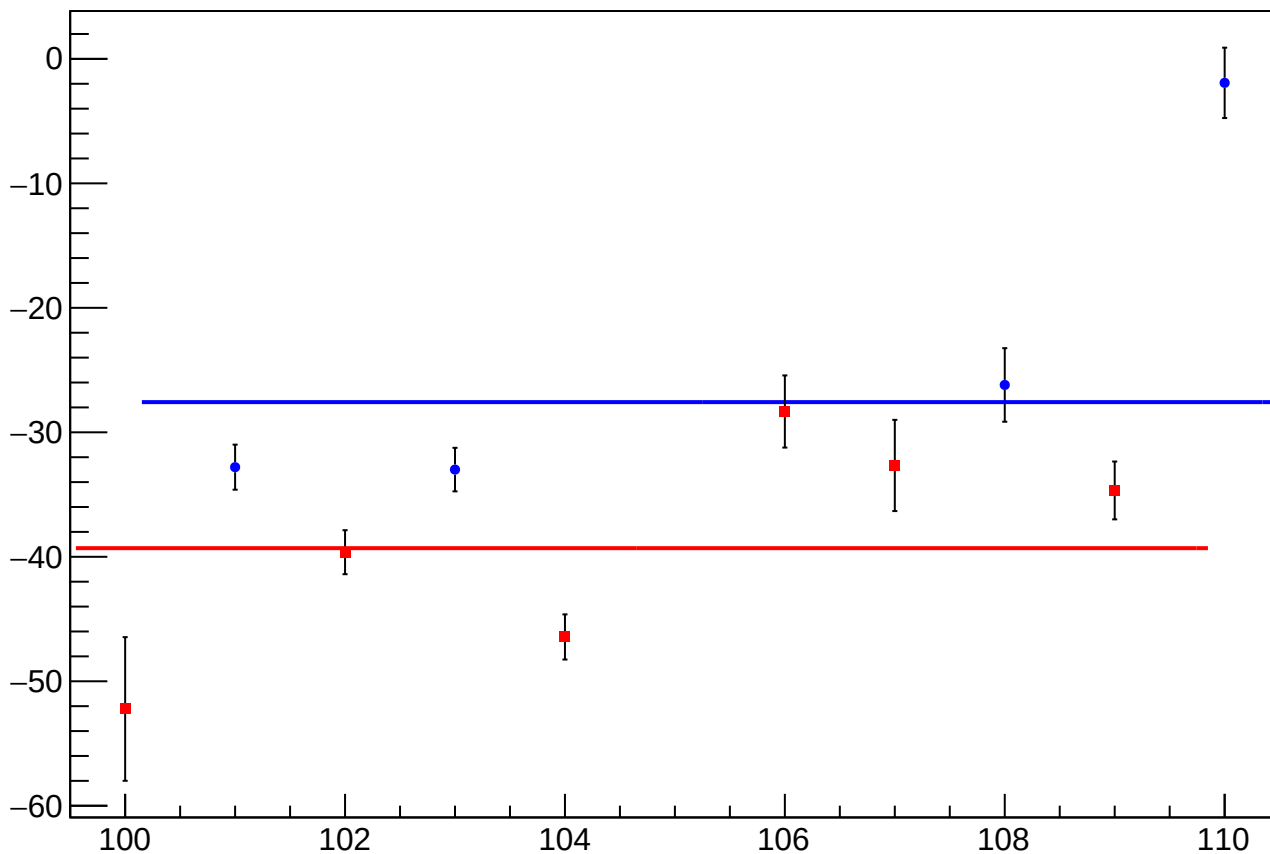
Right: 1649.732 $\pm$ 0.558 χ^2 /NDF: 45779.7/9

In: 1668.883 $\pm$ 0.830 χ^2 /NDF: 19801.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1649.732 $\pm$ 0.558 χ^2 /NDF: 45779.7/9

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -27.575+/-1.071 χ^2/NDF : 100.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.307+/-0.984 χ^2/NDF : 42.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

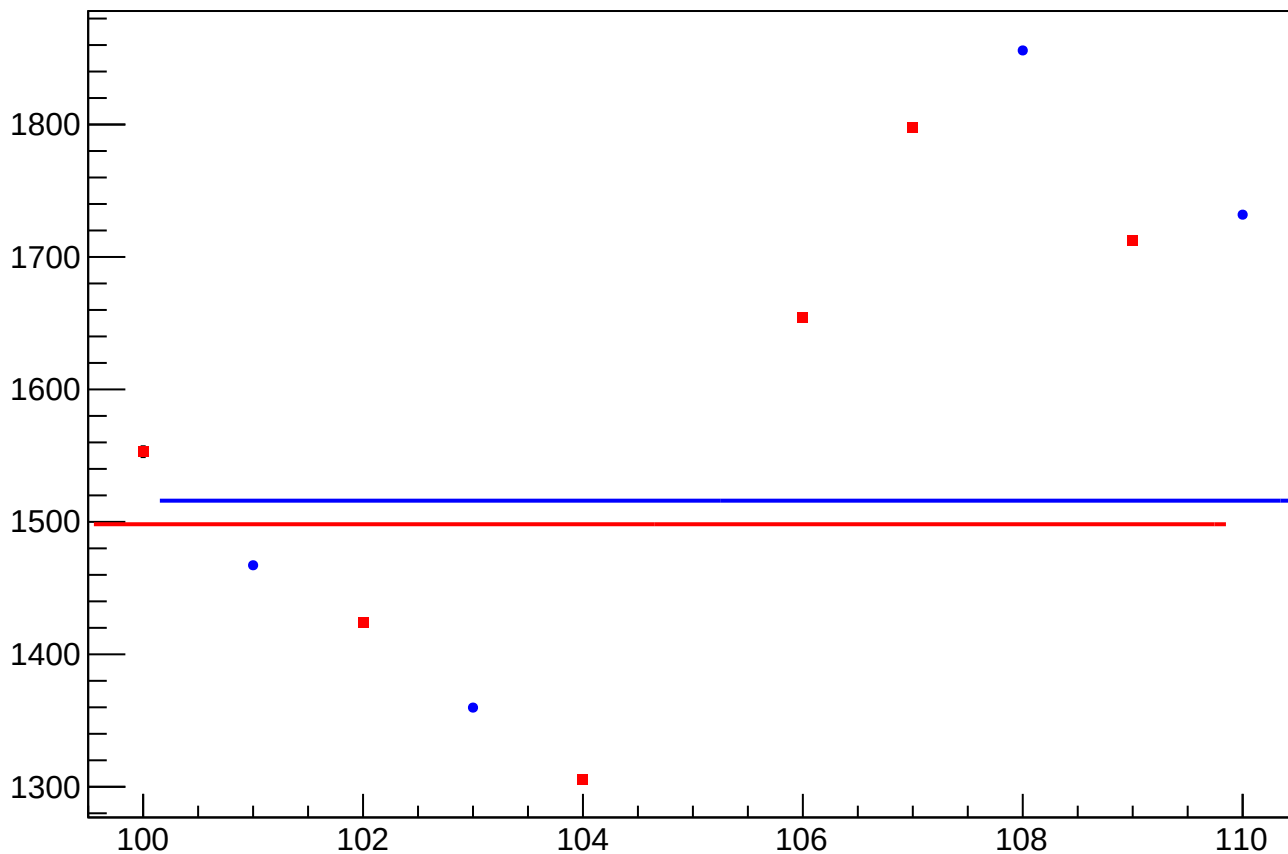
Right: -33.937+/-0.725 χ^2/NDF : 207.7/9

In: -27.575+/-1.071 χ^2/NDF : 100.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.937+/-0.725 χ^2/NDF : 207.7/9

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1516.010+/-0.757 χ^2/NDF : 55537.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1498.218+/-0.696 χ^2/NDF : 62328.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

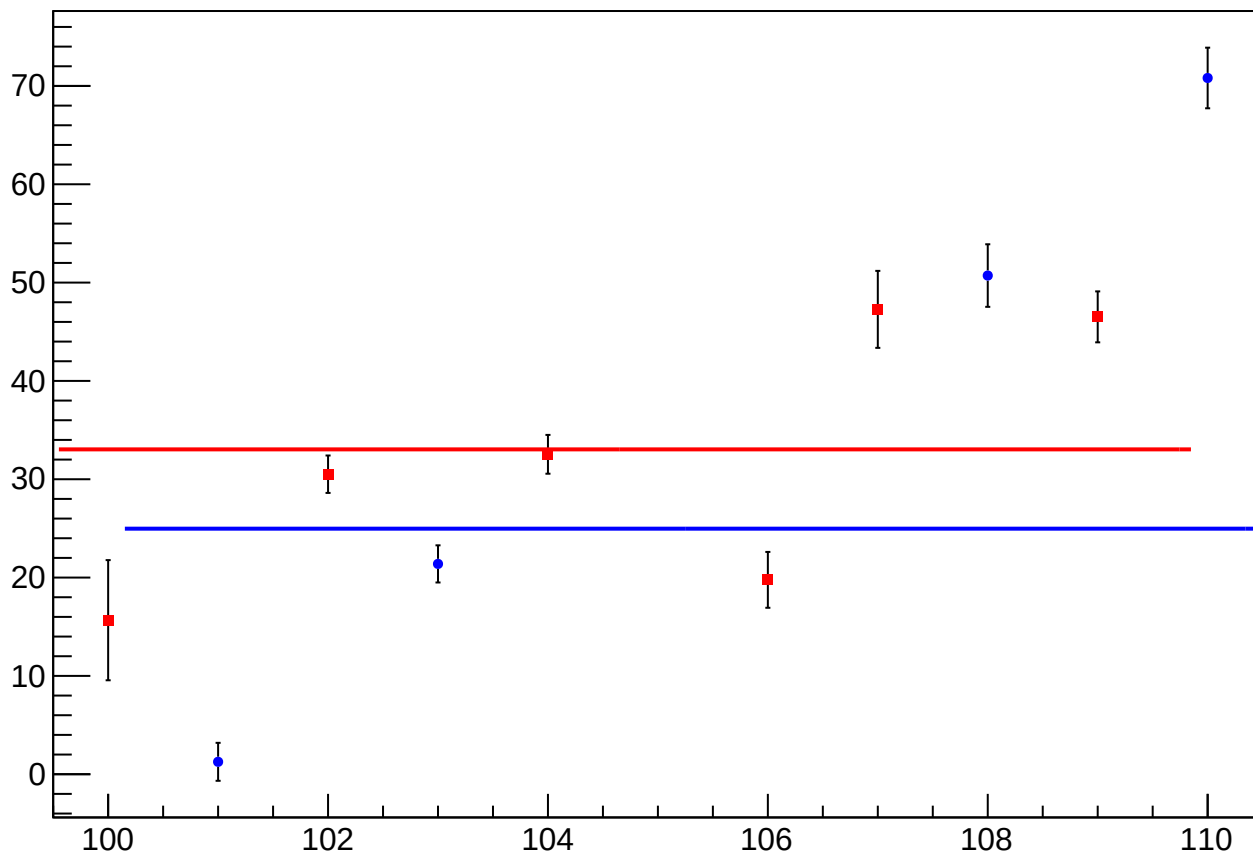
Right: 1506.361+/-0.512 χ^2/NDF : 118164.8/9

In: 1516.010+/-0.757 χ^2/NDF : 55537.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1506.361+/-0.512 χ^2/NDF : 118164.8/9

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 24.973+/-1.153 χ^2/NDF : 441.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.037+/-1.055 χ^2/NDF : 72.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

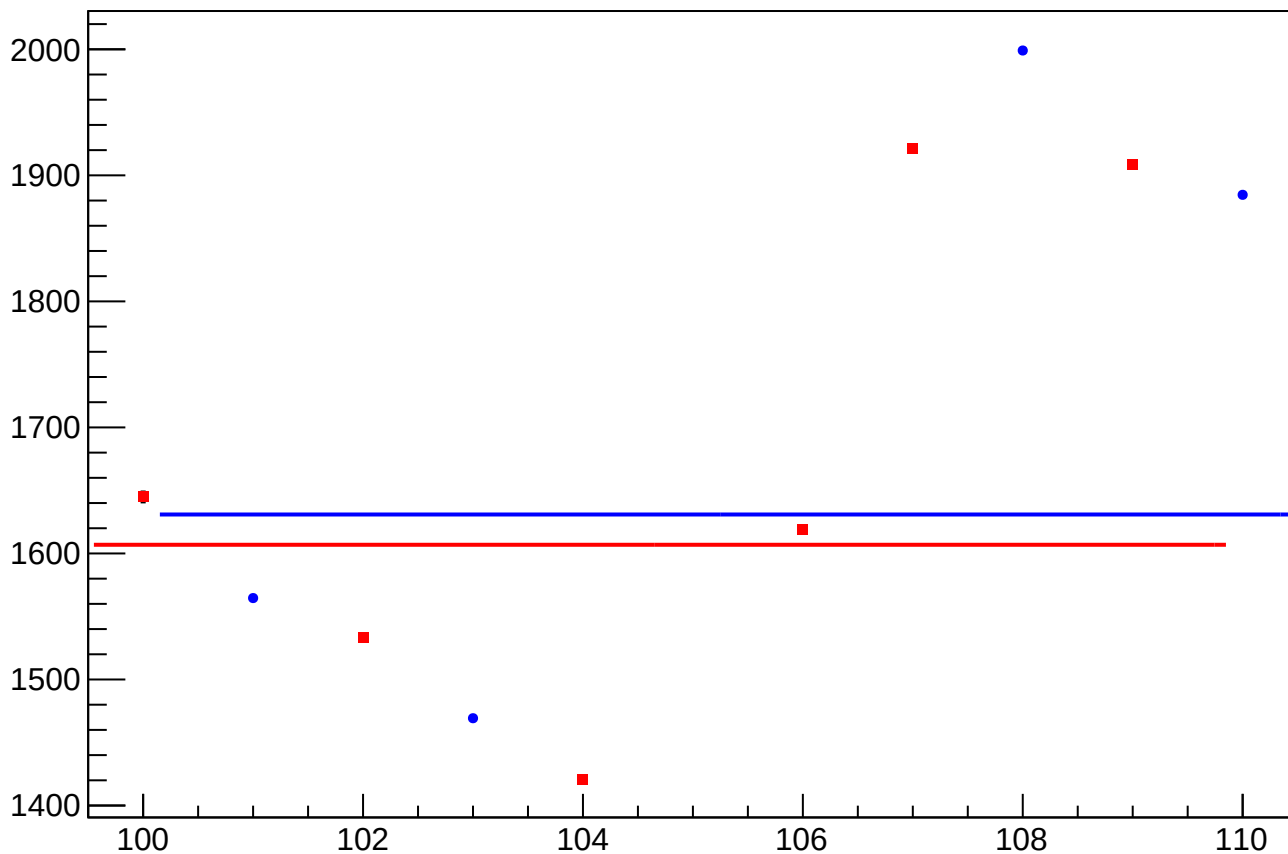
Right: 29.361+/-0.778 χ^2/NDF : 539.7/9

In: 24.973+/-1.153 χ^2/NDF : 441.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.361+/-0.778 χ^2/NDF : 539.7/9

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1630.911+/-0.815 χ^2/NDF : 57304.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1606.885+/-0.746 χ^2/NDF : 60951.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

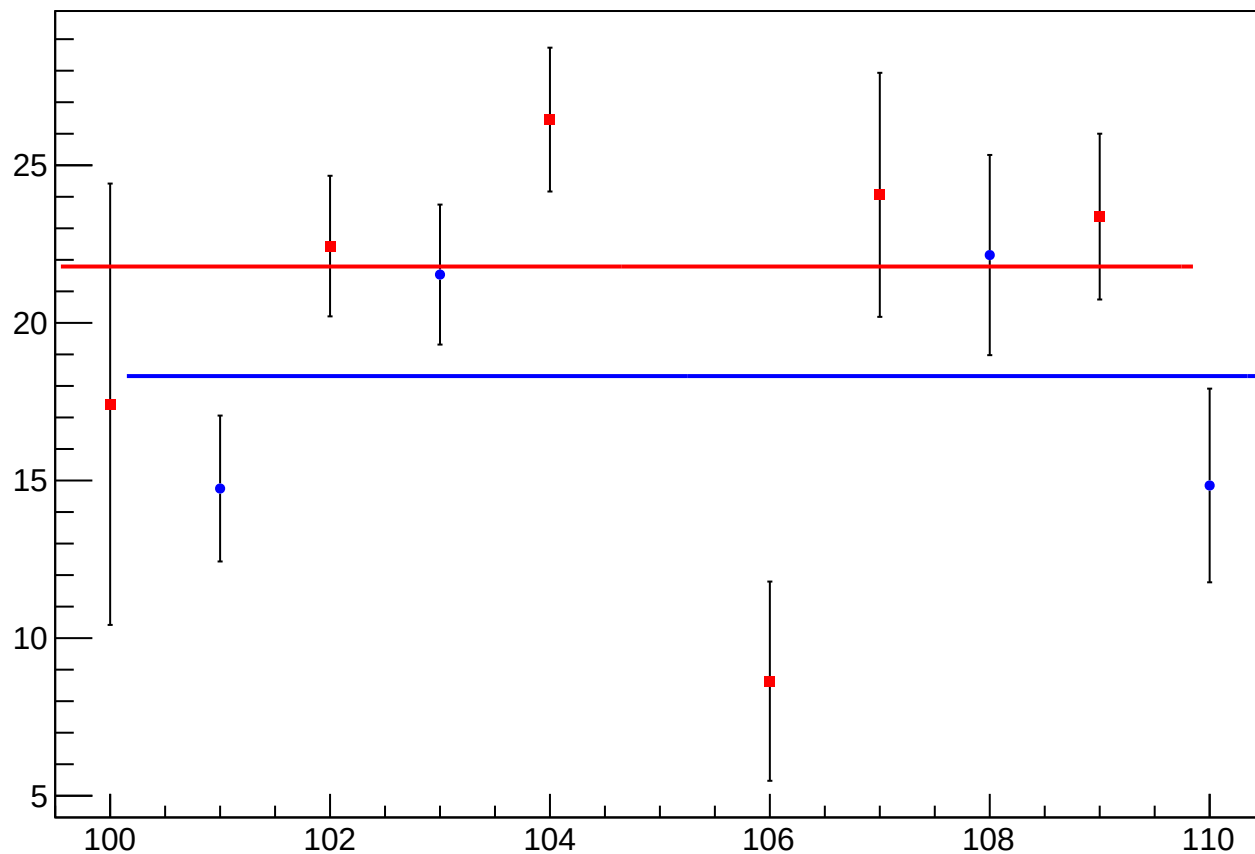
Right: 1617.838+/-0.550 χ^2/NDF : 118728.7/9

In: 1630.911+/-0.815 χ^2/NDF : 57304.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1617.838+/-0.550 χ^2/NDF : 118728.7/9

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 18.313+/-1.297 χ^2/NDF : 7.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.788+/-1.174 χ^2/NDF : 22.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

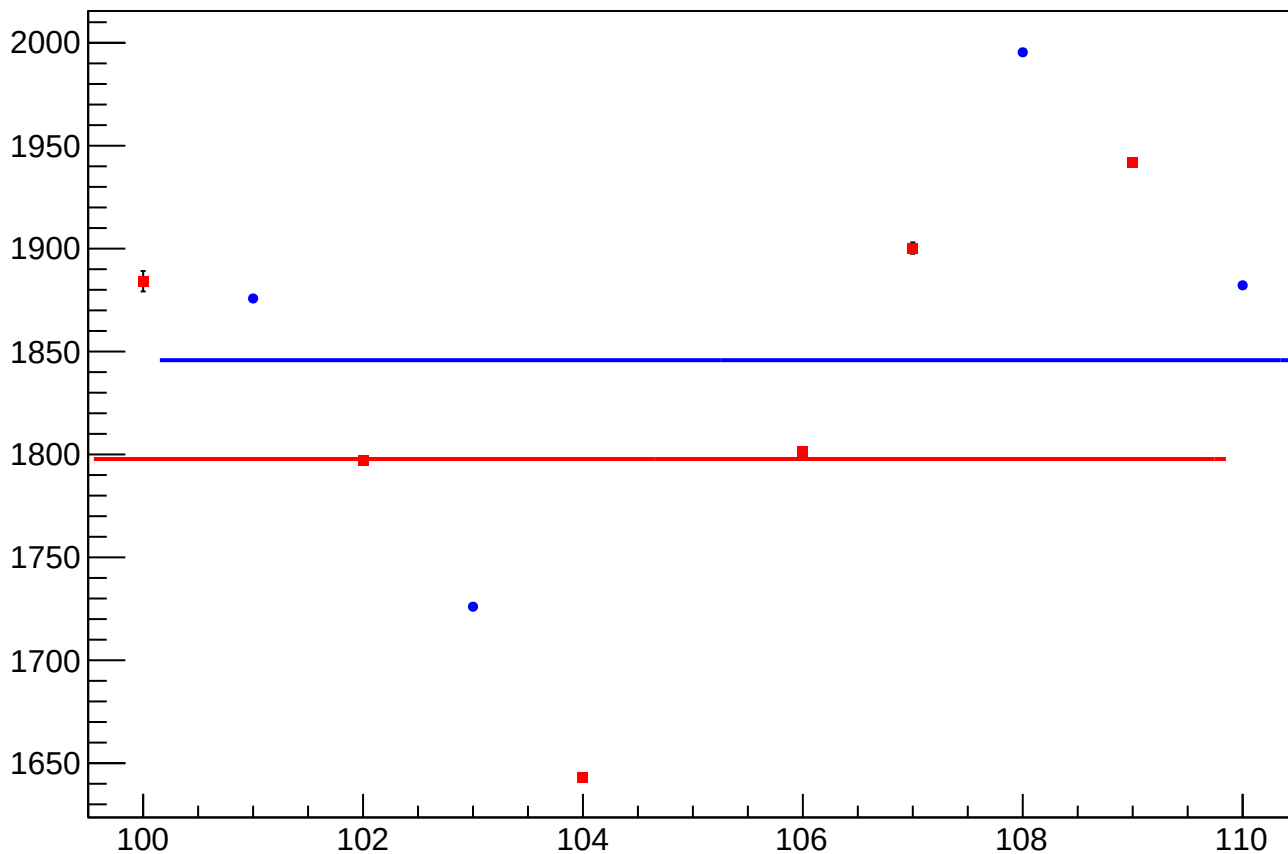
Right: 20.222+/-0.870 χ^2/NDF : 33.8/9

In: 18.313+/-1.297 χ^2/NDF : 7.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.222+/-0.870 χ^2/NDF : 33.8/9

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1845.796 $\pm$ 0.917 χ^2 /NDF: 10874.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1797.797 $\pm$ 0.830 χ^2 /NDF: 16930.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

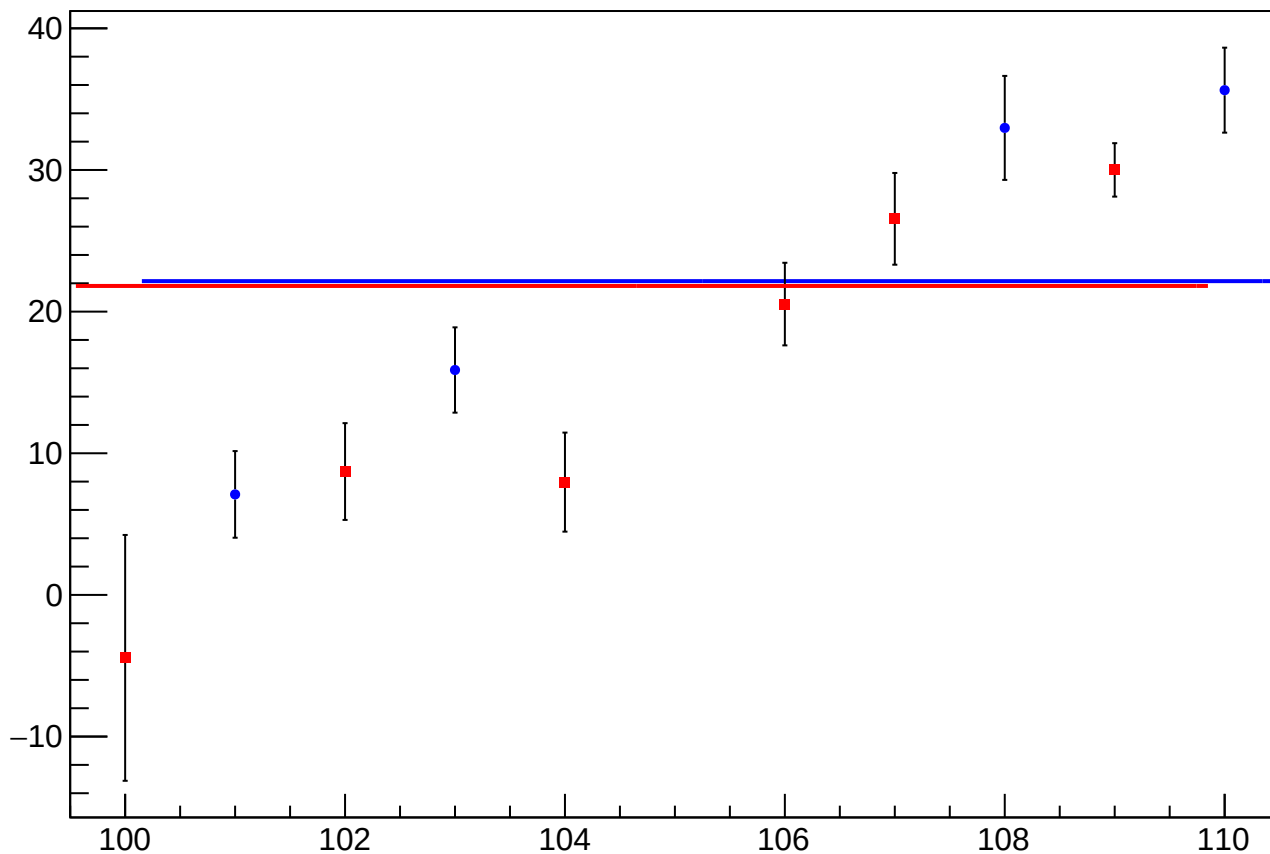
Right: 1819.425 $\pm$ 0.615 χ^2 /NDF: 29309.6/9

In: 1845.796 $\pm$ 0.917 χ^2 /NDF: 10874.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1819.425 $\pm$ 0.615 χ^2 /NDF: 29309.6/9

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 22.152 $\pm$ 1.576 χ^2 /NDF: 57.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.812 $\pm$ 1.217 χ^2 /NDF: 60.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

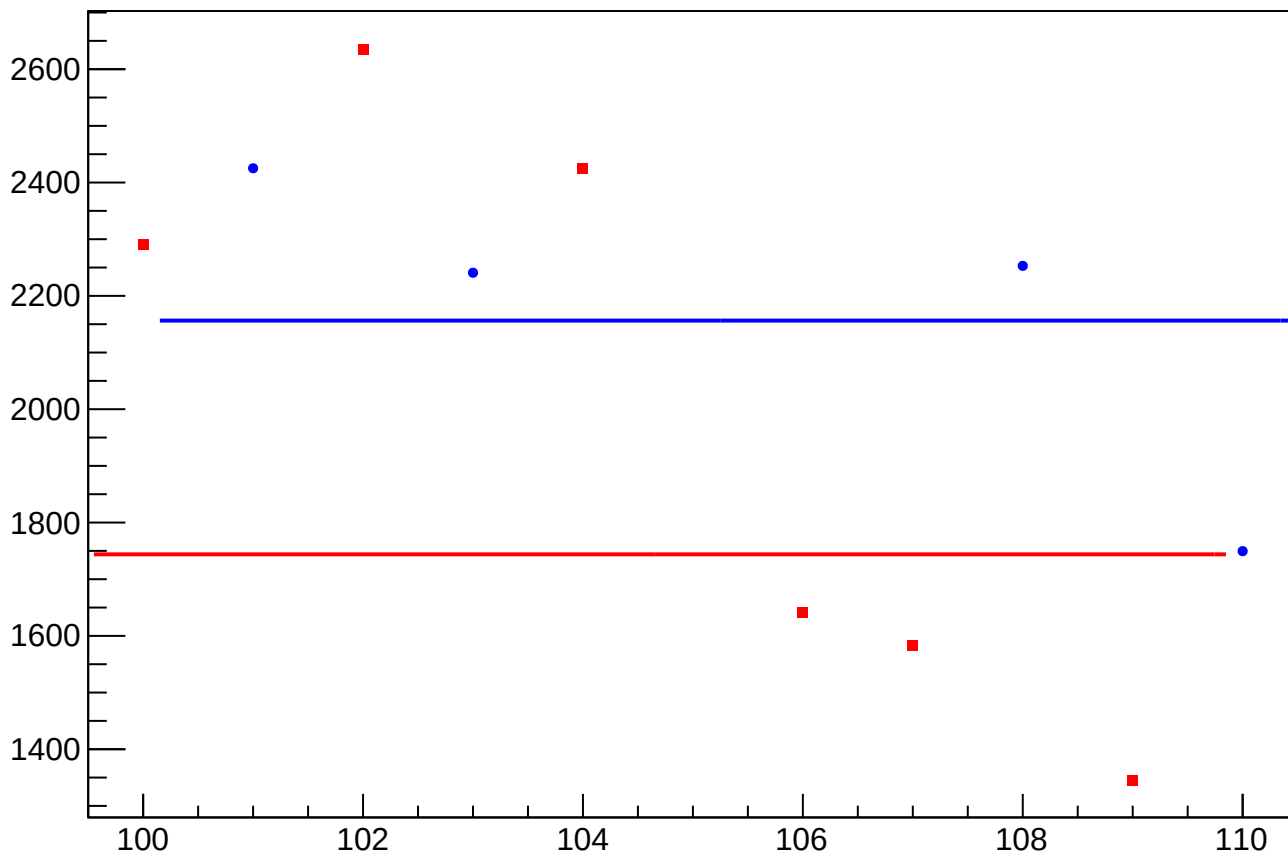
Right: 21.939 $\pm$ 0.963 χ^2 /NDF: 118.2/9

In: 22.152 $\pm$ 1.576 χ^2 /NDF: 57.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.939 $\pm$ 0.963 χ^2 /NDF: 118.2/9

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 2156.383+/-1.115 χ^2/NDF : 55190.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1743.878+/-0.861 χ^2/NDF : 316597.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

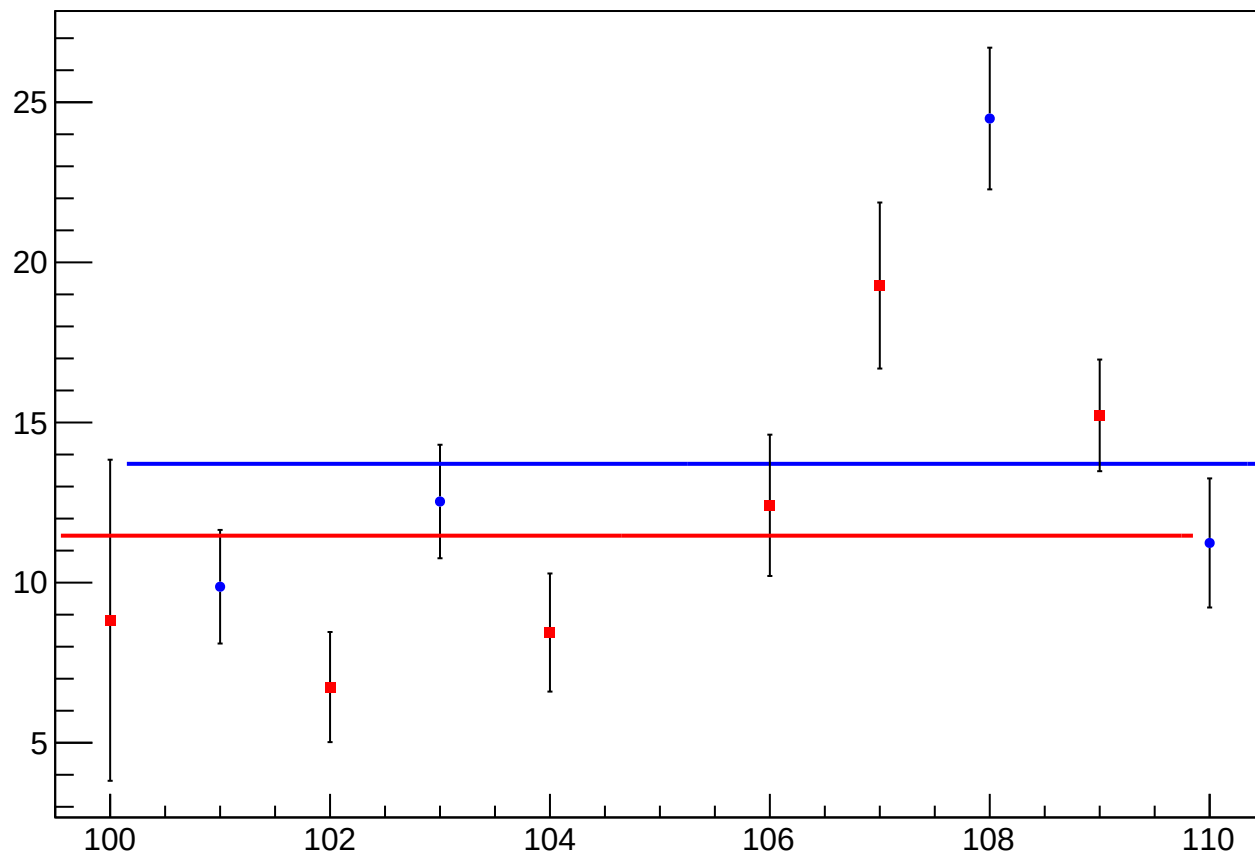
Right: 1897.998+/-0.681 χ^2/NDF : 457595.1/9

In: 2156.383+/-1.115 χ^2/NDF : 55190.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1897.998+/-0.681 χ^2/NDF : 457595.1/9

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 13.710+/-0.959 χ^2/NDF : 30.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.466+/-0.859 χ^2/NDF : 24.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

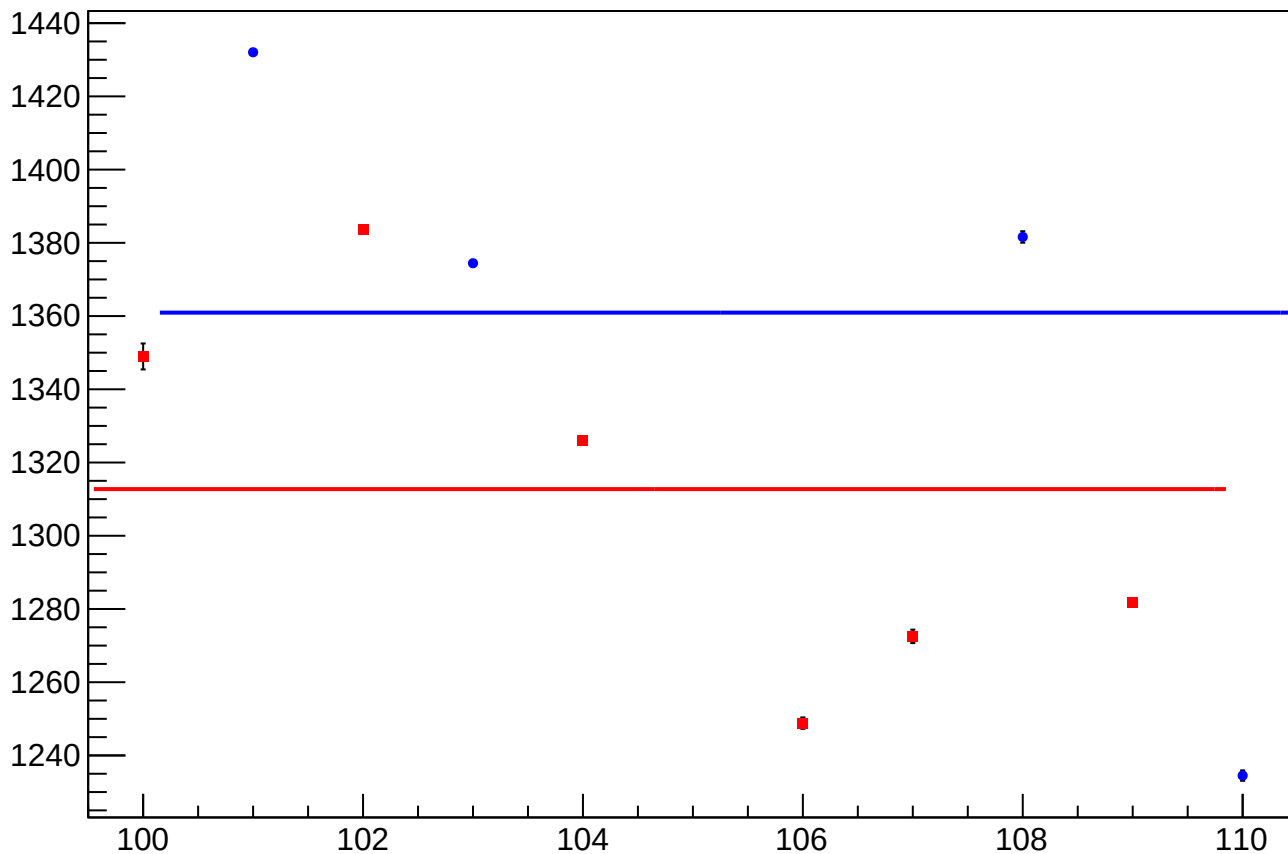
Right: 12.465+/-0.640 χ^2/NDF : 57.8/9

In: 13.710+/-0.959 χ^2/NDF : 30.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.465+/-0.640 χ^2/NDF : 57.8/9

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1360.940 $\pm$ 0.678 χ^2 /NDF: 11376.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1312.744 $\pm$ 0.607 χ^2 /NDF: 6405.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

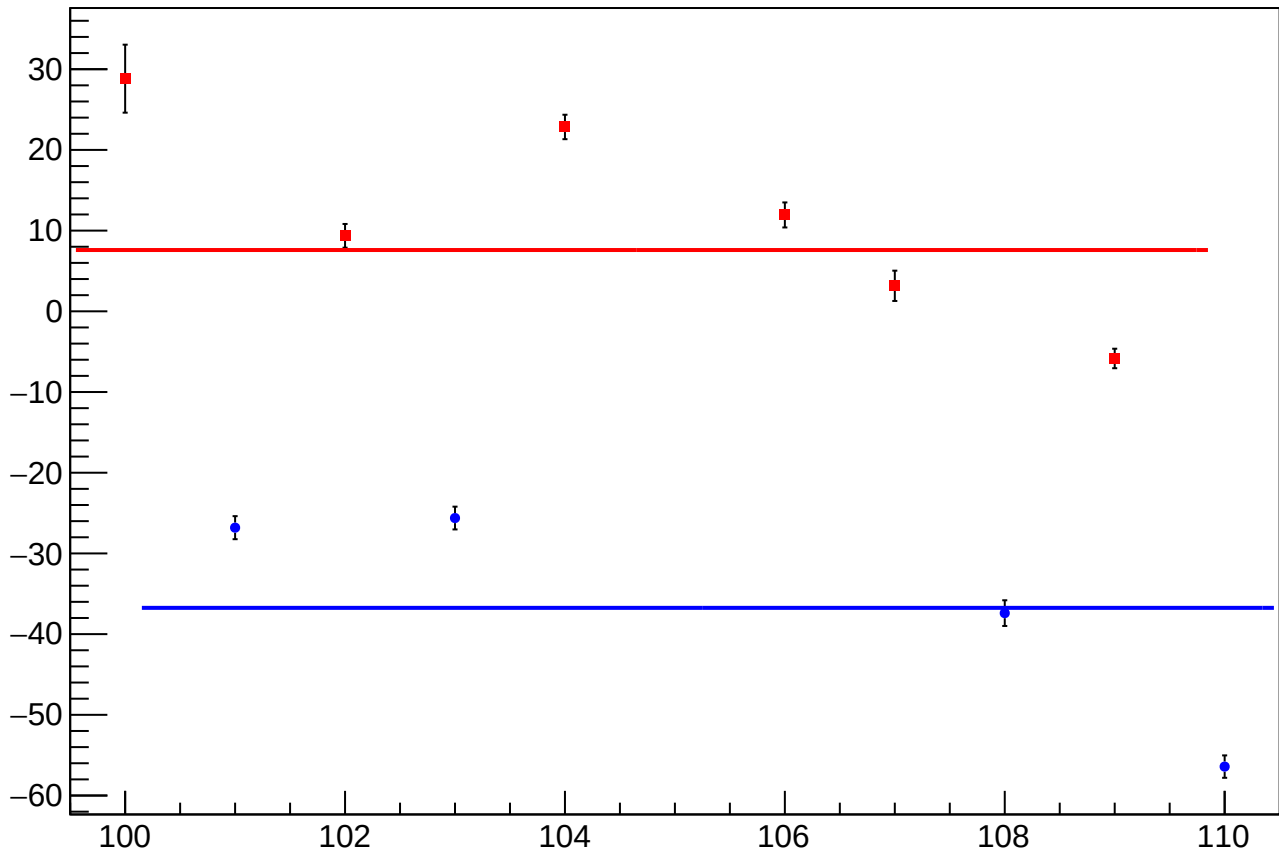
Right: 1334.191 $\pm$ 0.452 χ^2 /NDF: 20583.8/9

In: 1360.940 $\pm$ 0.678 χ^2 /NDF:11376.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1334.191 $\pm$ 0.452 χ^2 /NDF: 20583.8/9

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -36.744 $\pm$ 0.724 χ^2 /NDF: 311.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.595 $\pm$ 0.654 χ^2 /NDF: 265.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

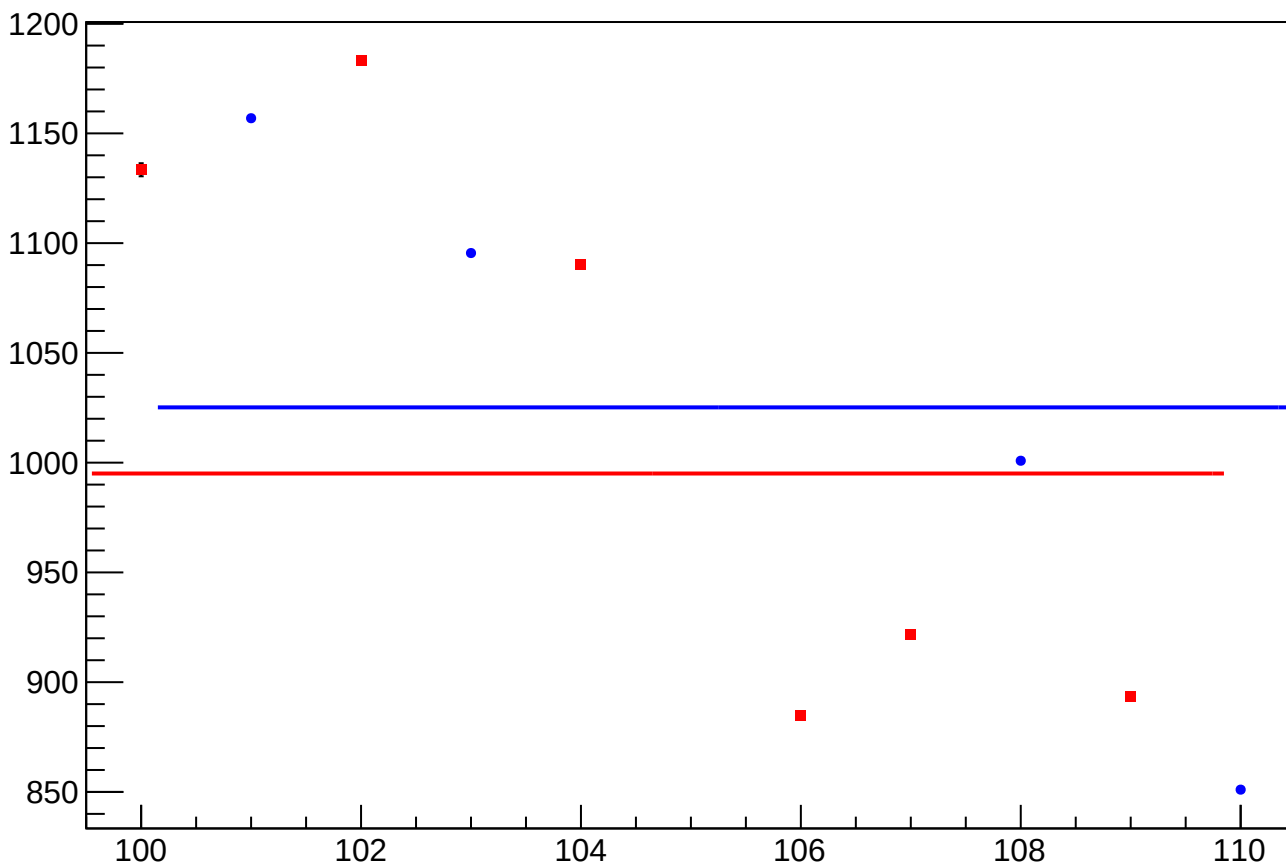
Right: -12.308 $\pm$ 0.485 χ^2 /NDF: 2642.7/9

In: -36.744 $\pm$ 0.724 χ^2 /NDF:311.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.308 $\pm$ 0.485 χ^2 /NDF: 2642.7/9

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 1025.181+/-0.512 χ^2/NDF : 53944.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 995.056+/-0.462 χ^2/NDF : 70159.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

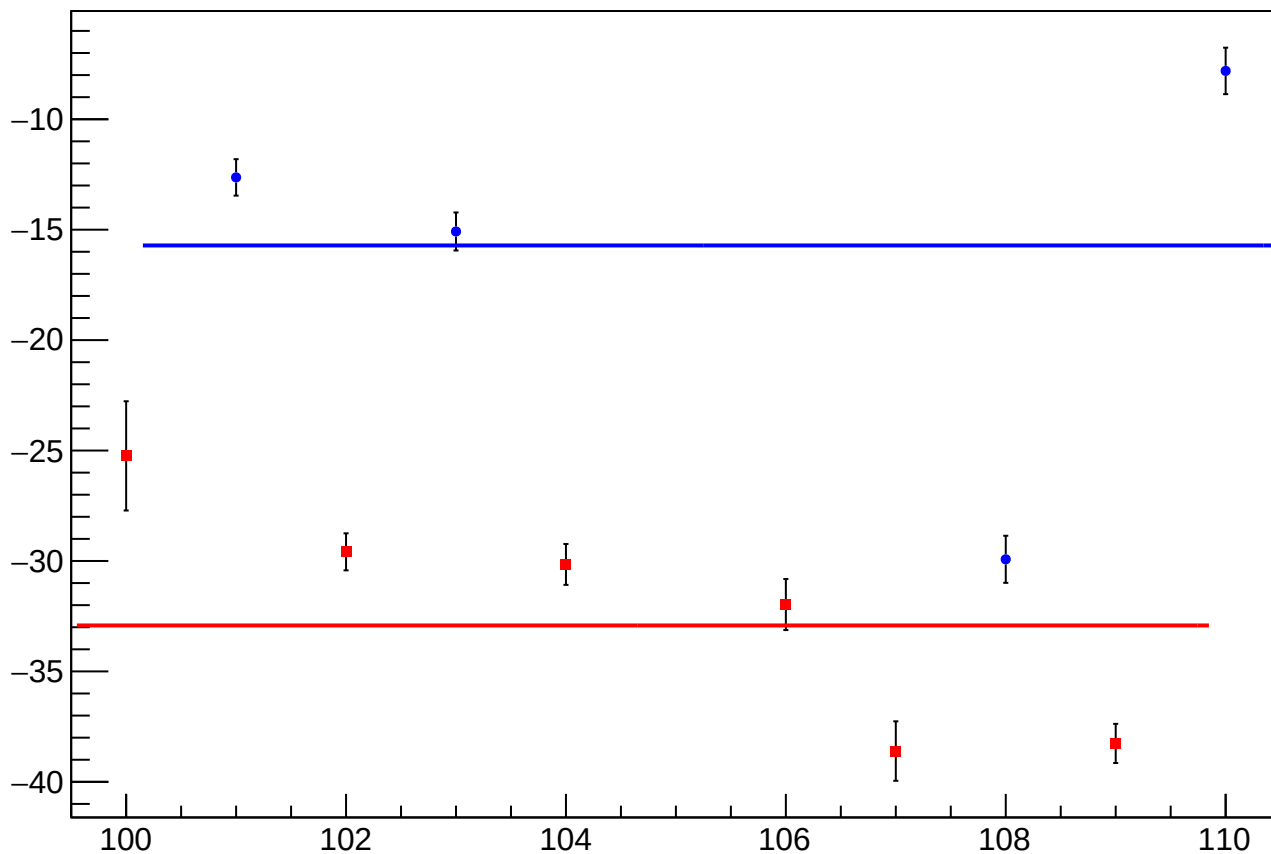
Right: 1008.579+/-0.343 χ^2/NDF : 126010.2/9

In: 1025.181+/-0.512 χ^2/NDF : 53944.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.579+/-0.343 χ^2/NDF : 126010.2/9

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -15.714 ± 0.466 χ^2/NDF : 248.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.919 ± 0.433 χ^2/NDF : 89.2/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

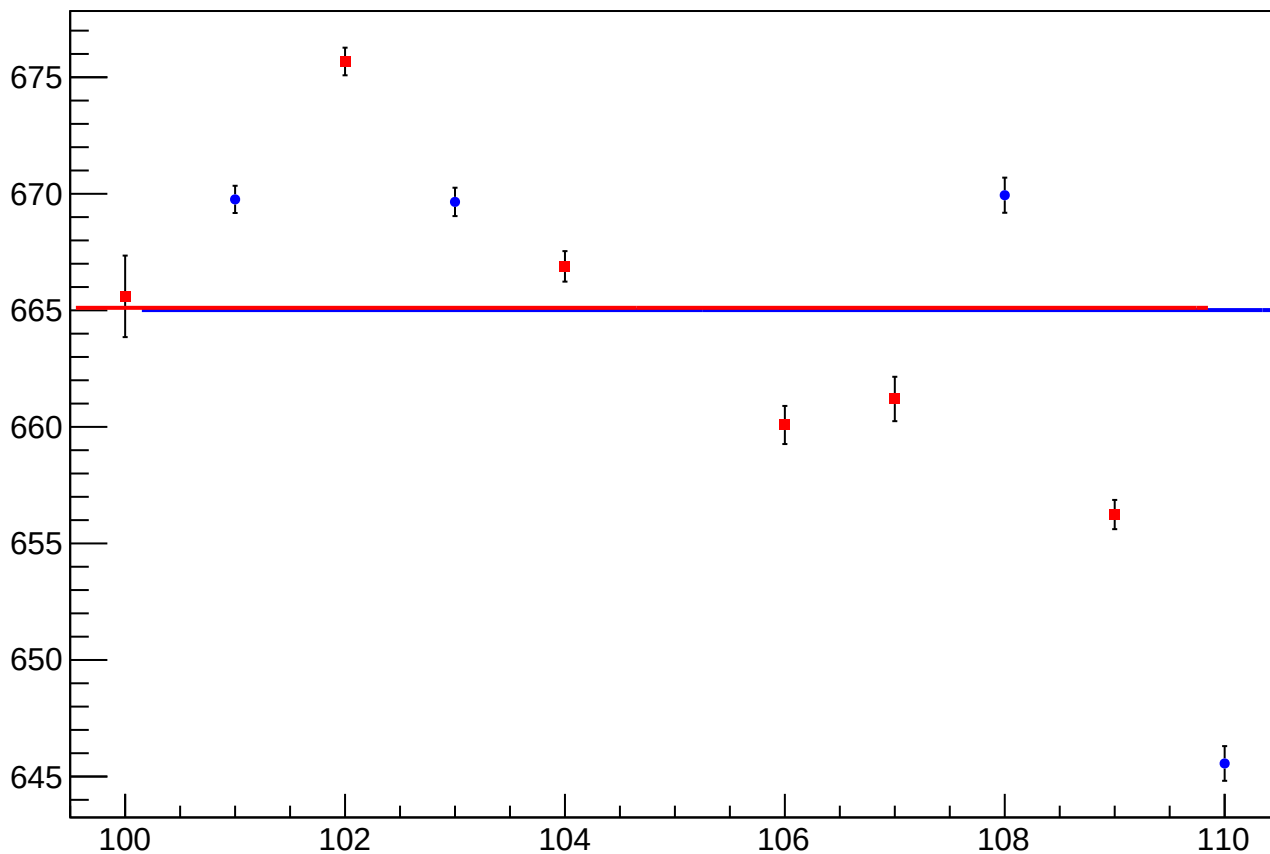
Right: -24.947 ± 0.317 χ^2/NDF : 1068.5/9

In: -15.714 ± 0.466 χ^2/NDF : 248.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.947 ± 0.317 χ^2/NDF : 1068.5/9

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 665.011 $\pm$ 0.330 χ^2 /NDF: 850.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 665.108 $\pm$ 0.306 χ^2 /NDF: 580.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

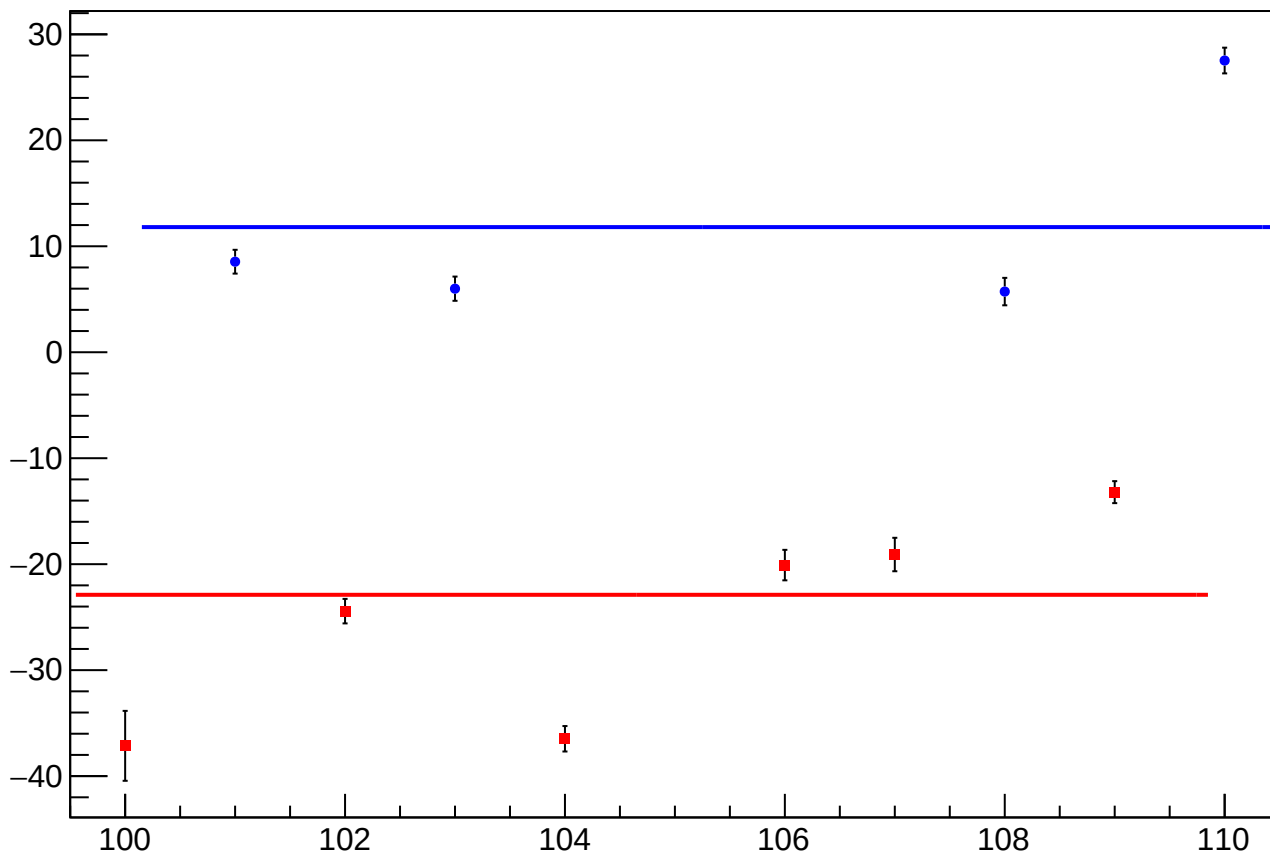
Right: 665.063 $\pm$ 0.224 χ^2 /NDF: 1430.8/9

In: 665.011 $\pm$ 0.330 χ^2 /NDF:850.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 665.063 $\pm$ 0.224 χ^2 /NDF: 1430.8/9

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 11.809 $\pm$ 0.594 χ^2 /NDF: 224.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.890 $\pm$ 0.546 χ^2 /NDF: 245.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

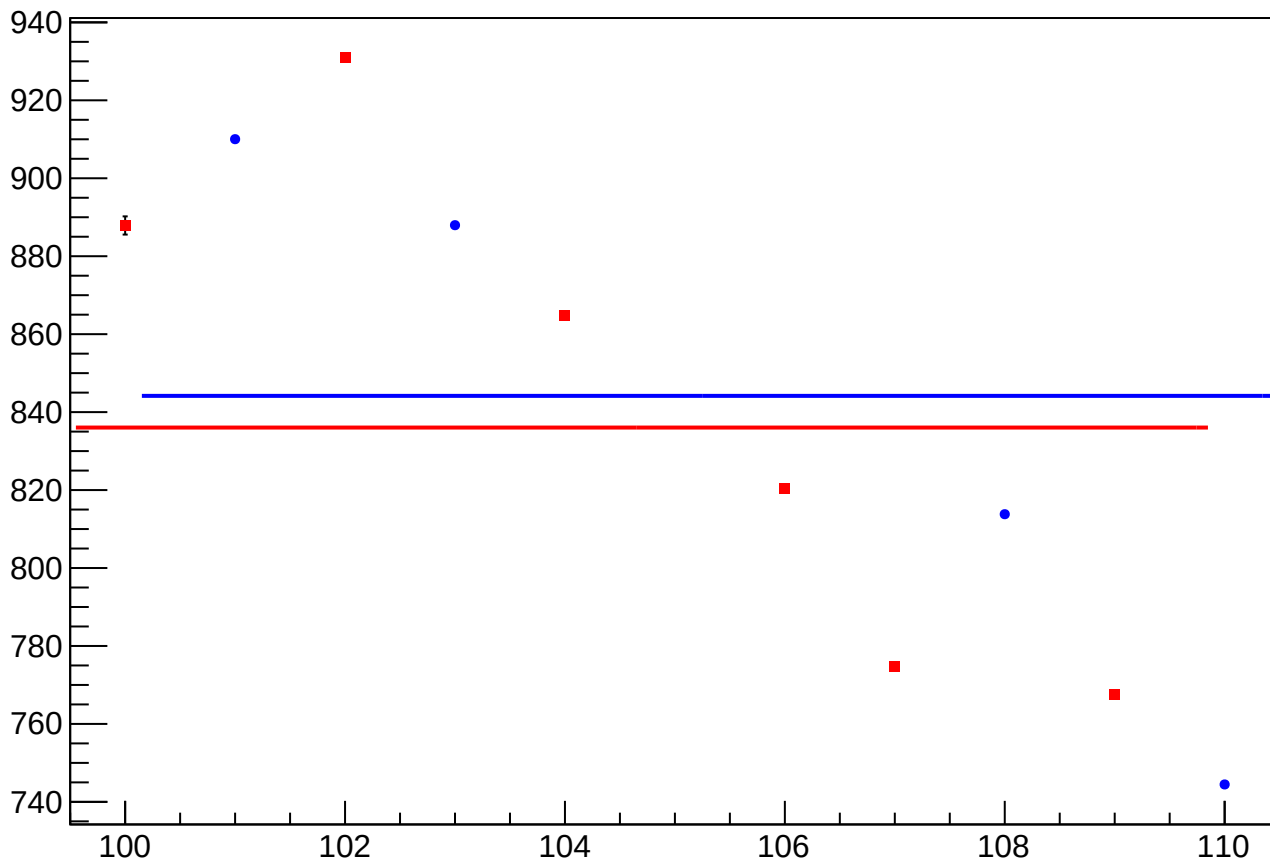
Right: -6.982 $\pm$ 0.402 χ^2 /NDF: 2317.8/9

In: 11.809 $\pm$ 0.594 χ^2 /NDF: 224.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.982 $\pm$ 0.402 χ^2 /NDF: 2317.8/9

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 844.170+/-0.420 χ^2/NDF : 24419.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 836.040+/-0.386 χ^2/NDF : 27063.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

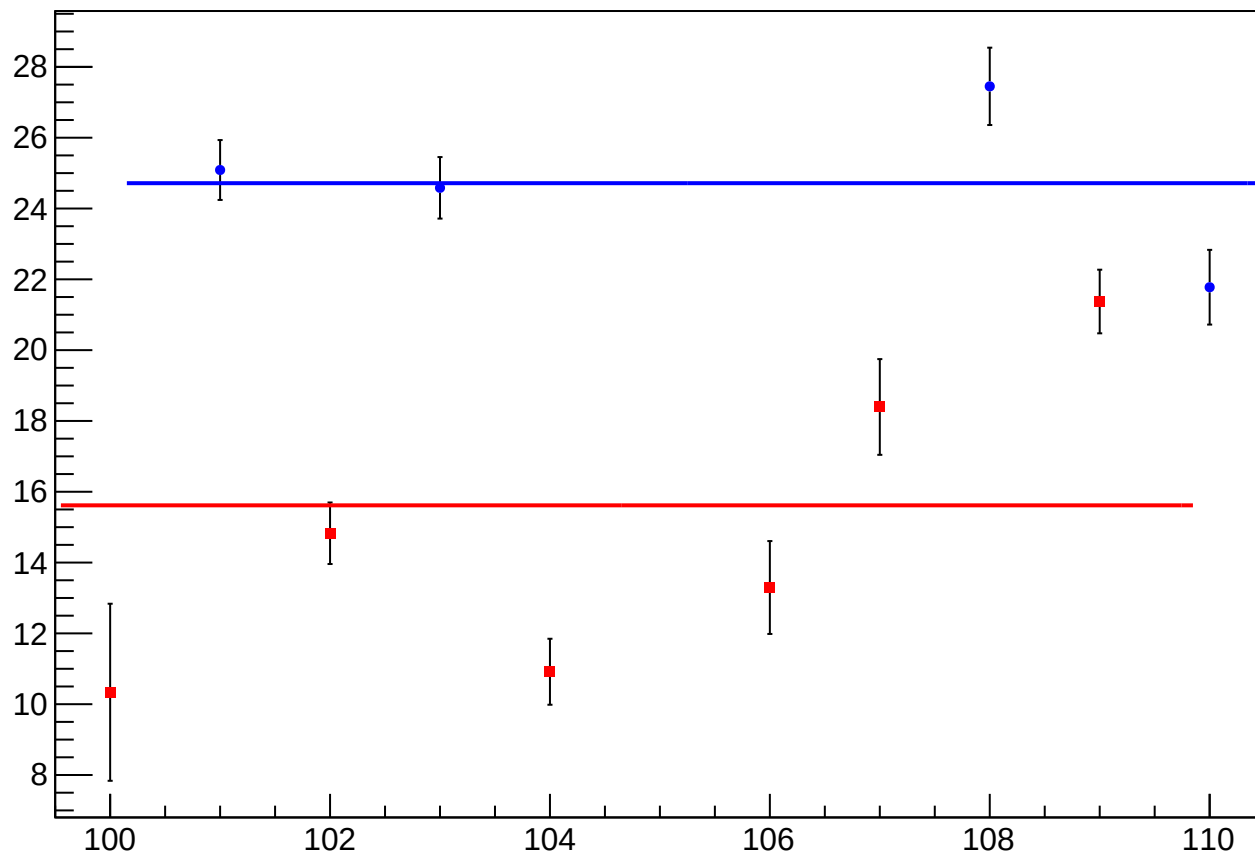
Right: 839.767+/-0.284 χ^2/NDF : 51685.7/9

In: 844.170+/-0.420 χ^2/NDF : 24419.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.767+/-0.284 χ^2/NDF : 51685.7/9

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 24.716 $\pm$ 0.474 χ^2 /NDF: 14.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.616 $\pm$ 0.447 χ^2 /NDF: 79.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

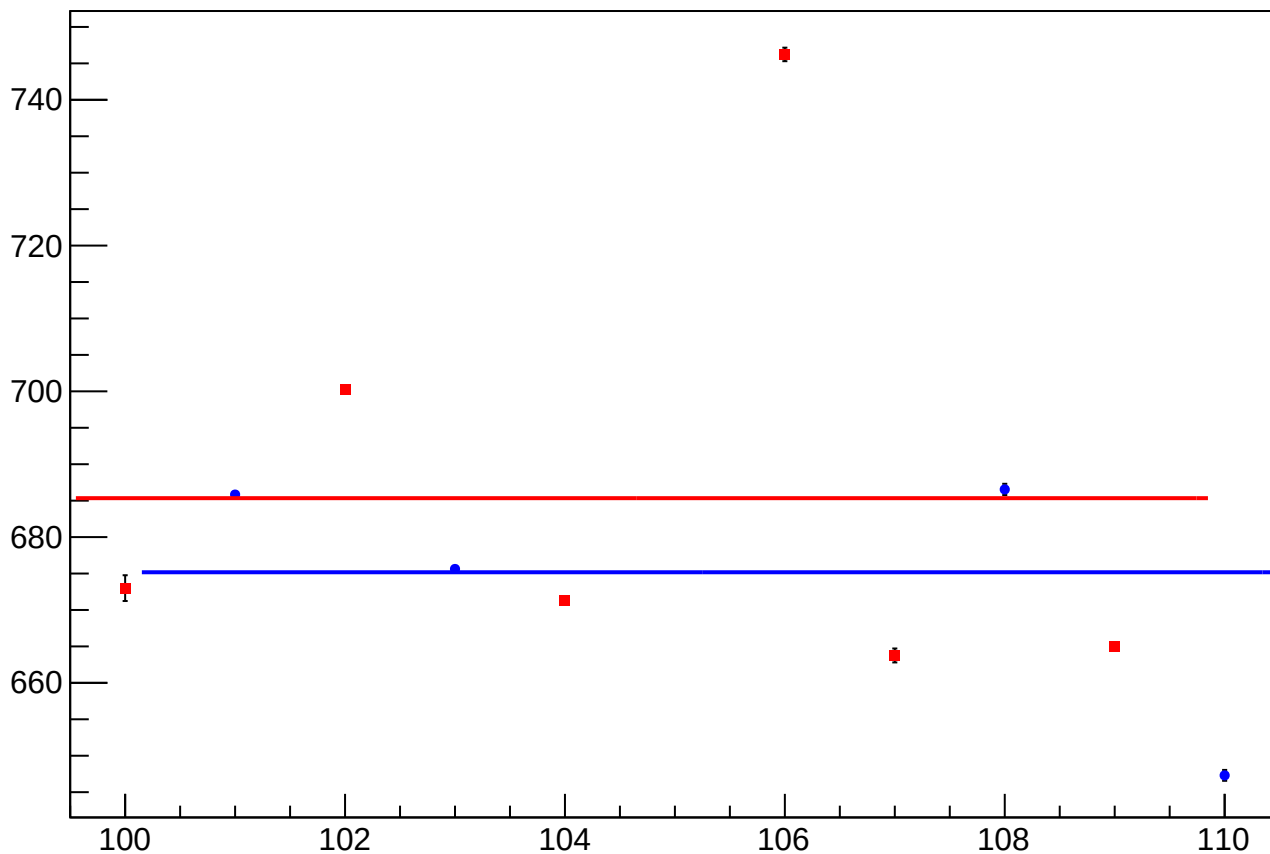
Right: 19.904 $\pm$ 0.325 χ^2 /NDF: 288.6/9

In: 24.716 $\pm$ 0.474 χ^2 /NDF: 14.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.904 $\pm$ 0.325 χ^2 /NDF: 288.6/9

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 675.175+/-0.335 χ^2/NDF : 1929.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 685.341+/-0.316 χ^2/NDF : 6945.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

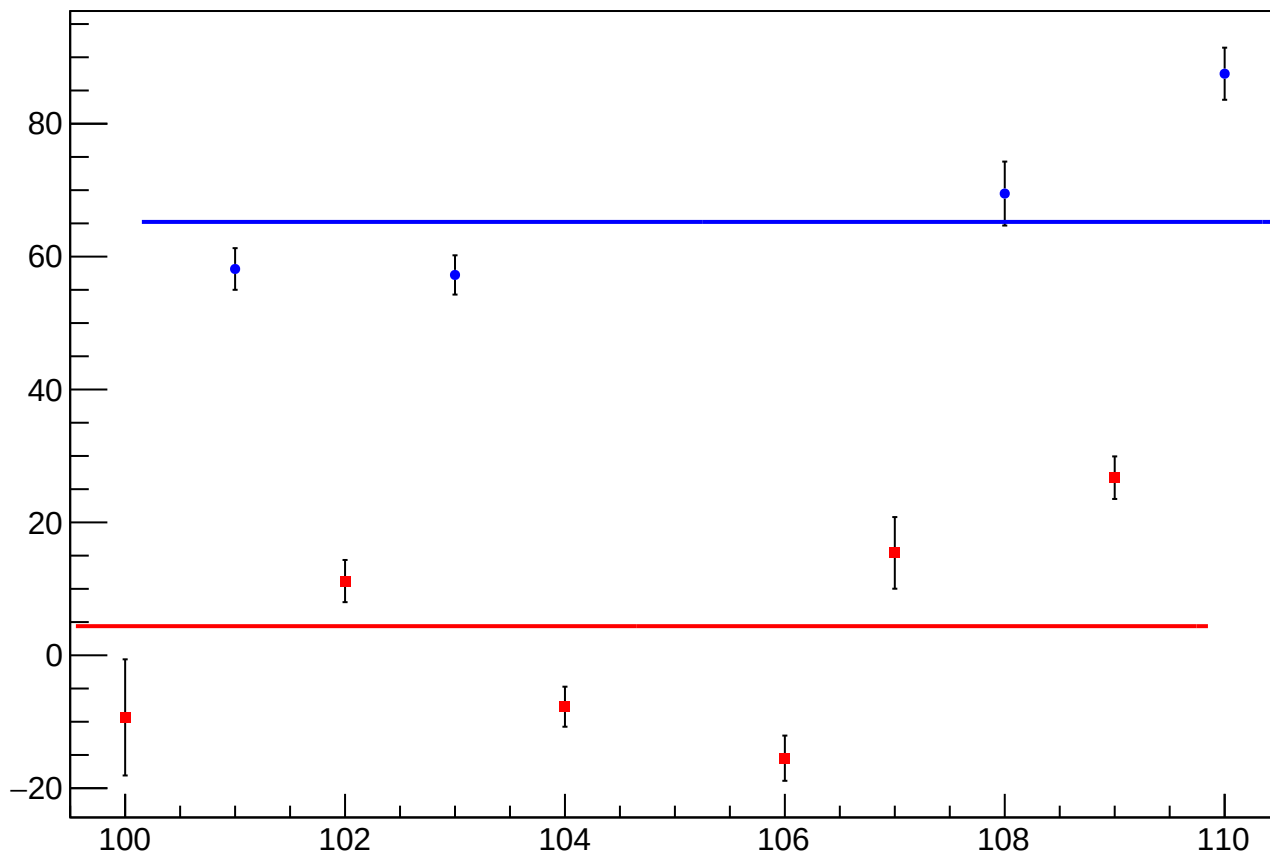
Right: 680.551+/-0.230 χ^2/NDF : 9362.6/9

In: 675.175+/-0.335 χ^2/NDF : 1929.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 680.551+/-0.230 χ^2/NDF : 9362.6/9

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 65.222 $\pm$ 1.756 χ^2 /NDF: 45.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.385 $\pm$ 1.506 χ^2 /NDF: 110.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

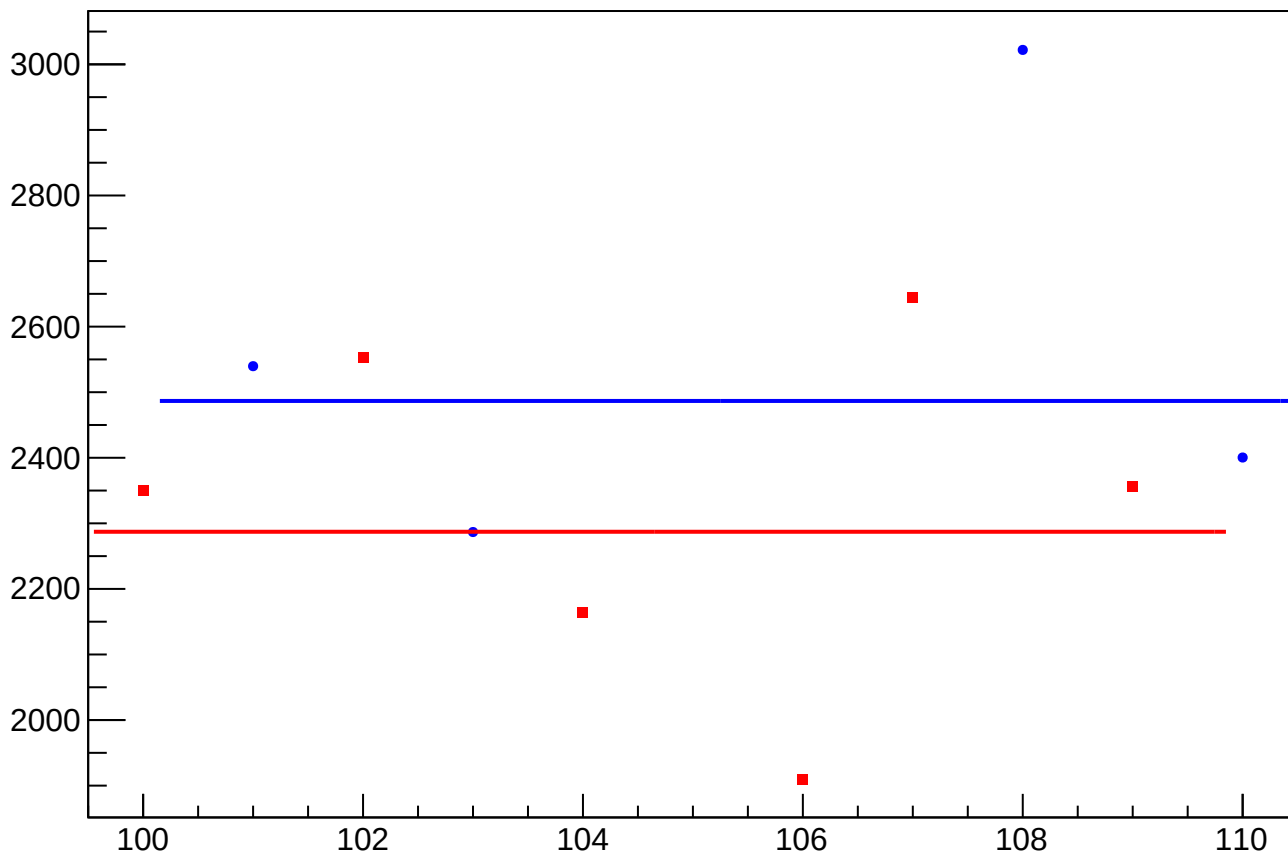
Right: 30.175 $\pm$ 1.143 χ^2 /NDF: 847.5/9

In: 65.222 $\pm$ 1.756 χ^2 /NDF: 45.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.175 $\pm$ 1.143 χ^2 /NDF: 847.5/9

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2486.663 $\pm$ 1.241 χ^2/NDF : 35440.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2287.164 $\pm$ 1.065 χ^2/NDF : 51860.0/5

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

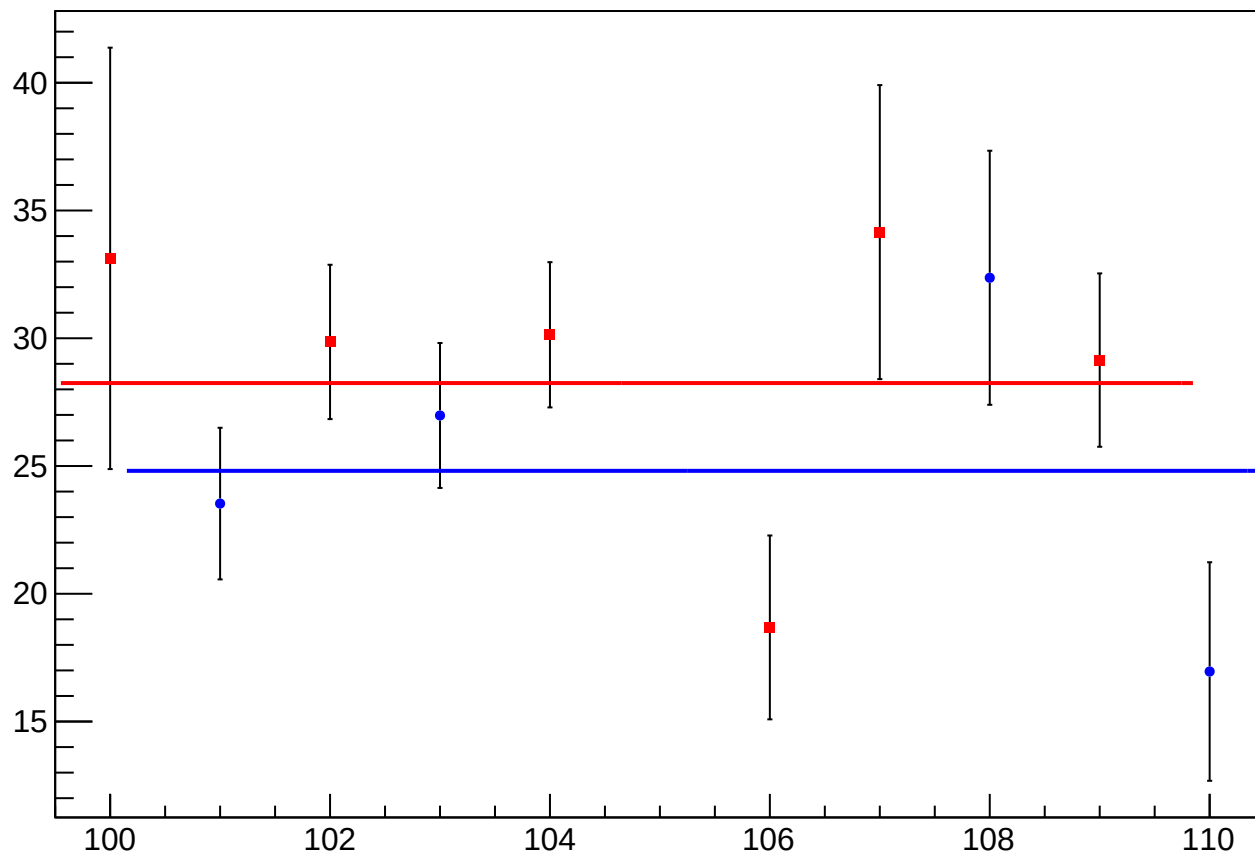
Right: 2371.736 $\pm$ 0.808 χ^2/NDF : 102177.6/9

In: 2486.663 $\pm$ 1.241 χ^2/NDF : 35440.3/3

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2371.736 $\pm$ 0.808 χ^2/NDF : 102177.6/9

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 24.811+/-1.733 χ^2/NDF : 6.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.247+/-1.503 χ^2/NDF : 9.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

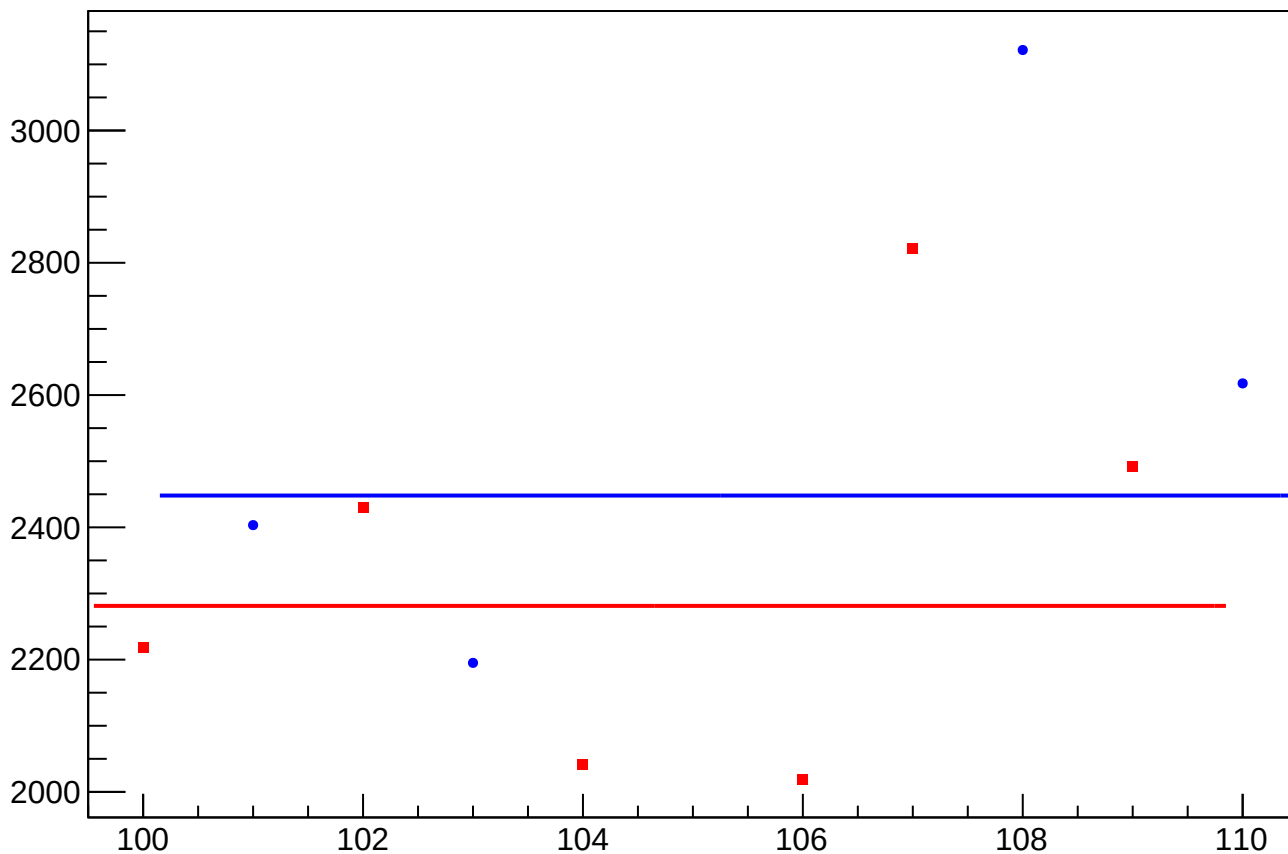
Right: 26.771+/-1.136 χ^2/NDF : 18.0/9

In: 24.811+/-1.733 χ^2/NDF : 6.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.771+/-1.136 χ^2/NDF : 18.0/9

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2448.081+/-1.225 χ^2/NDF : 56223.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2281.254+/-1.063 χ^2/NDF : 55212.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

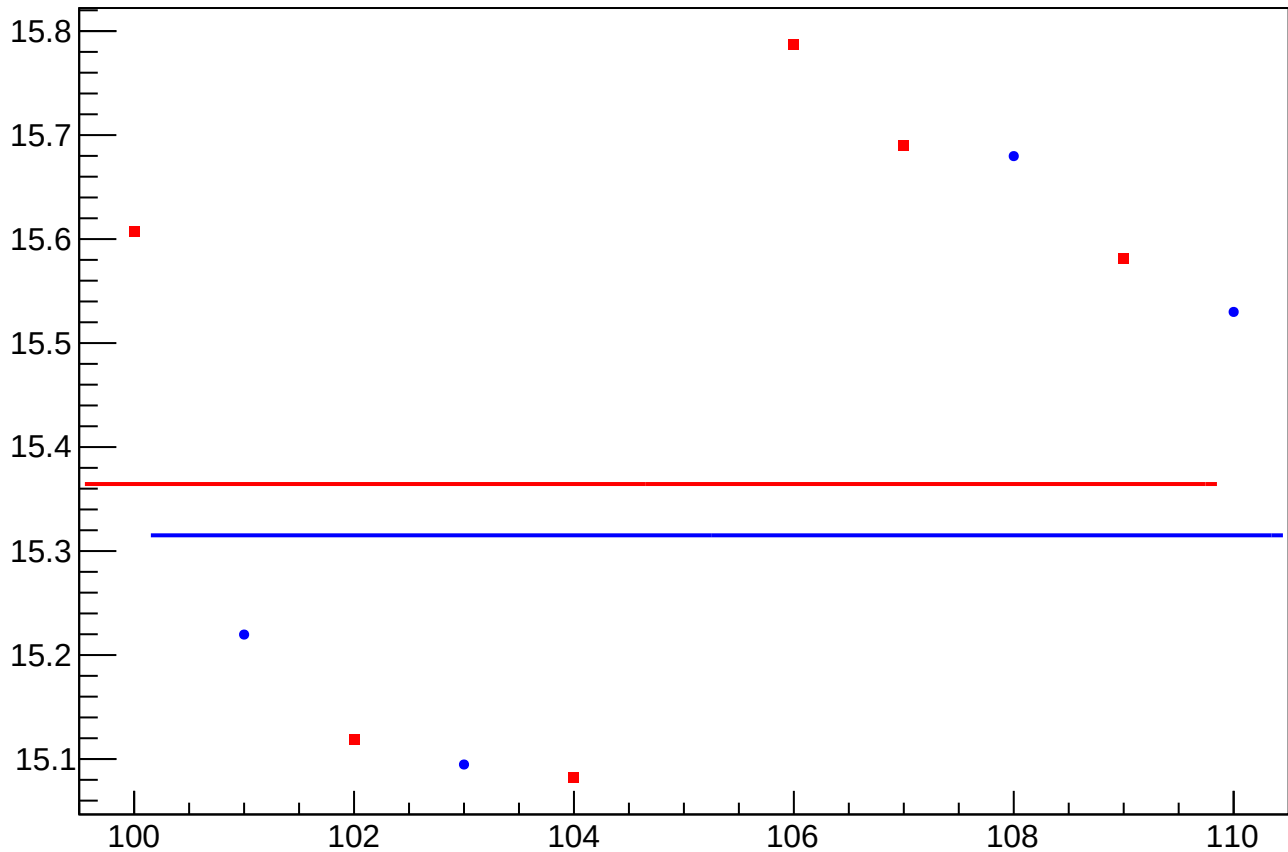
Right: 2352.895+/-0.803 χ^2/NDF : 122012.0/9

In: 2448.081+/-1.225 χ^2/NDF : 56223.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2352.895+/-0.803 χ^2/NDF : 122012.0/9

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.315+/-0.000 χ^2/NDF : 193502248.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.364+/-0.000 χ^2/NDF : 325357173.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

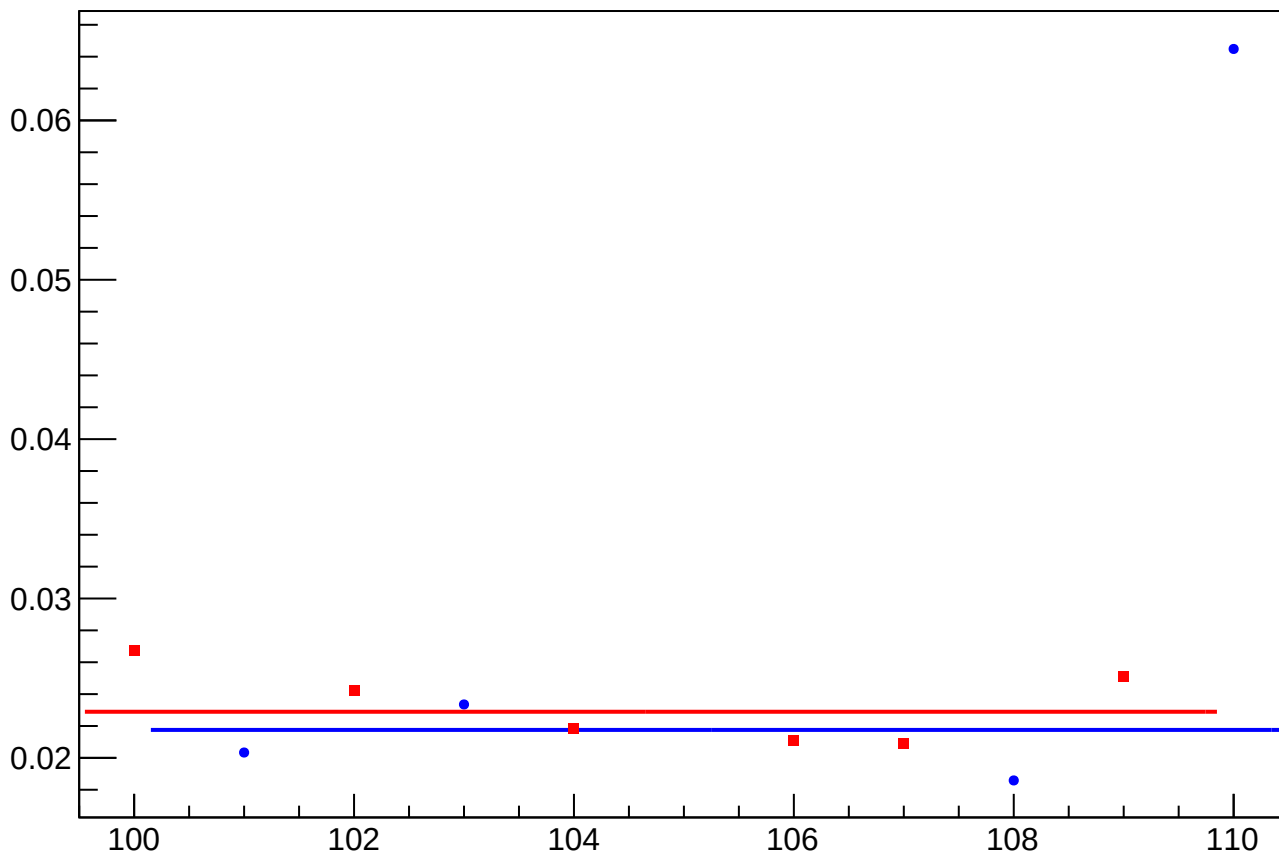
Right: 15.341+/-0.000 χ^2/NDF : 523249967.1/9

In: 15.315+/-0.000 χ^2/NDF : 193502248.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.341+/-0.000 χ^2/NDF : 523249967.1/9

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 315523.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 21907.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

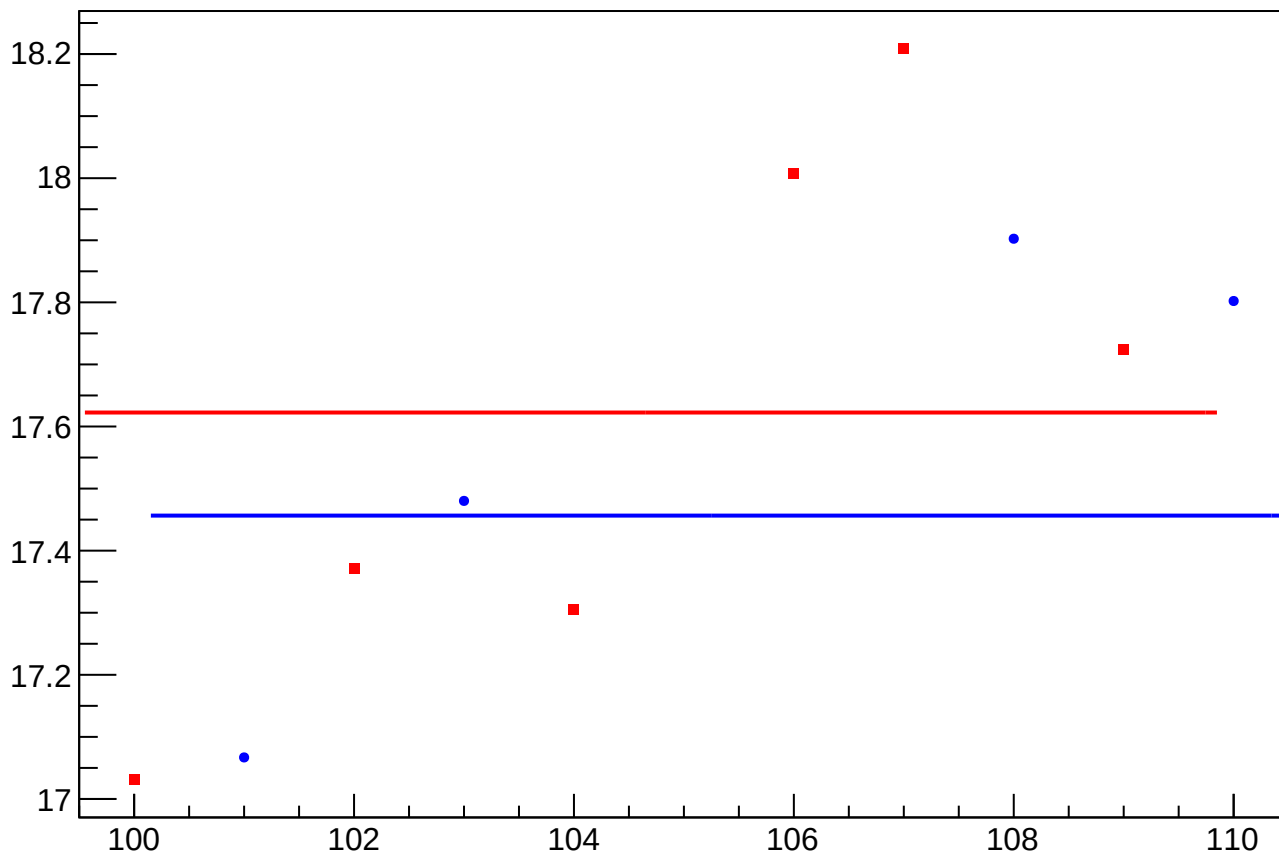
Right: 0.022+/-0.000 χ^2/NDF : 342120.6/9

In: 0.022+/-0.000 χ^2/NDF : 315523.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 342120.6/9

yield_sam2_mean vs Slug, Sign Corrected



Right In: 17.456+/-0.000 χ^2/NDF : 4130500.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.623+/-0.000 χ^2/NDF : 3108790.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

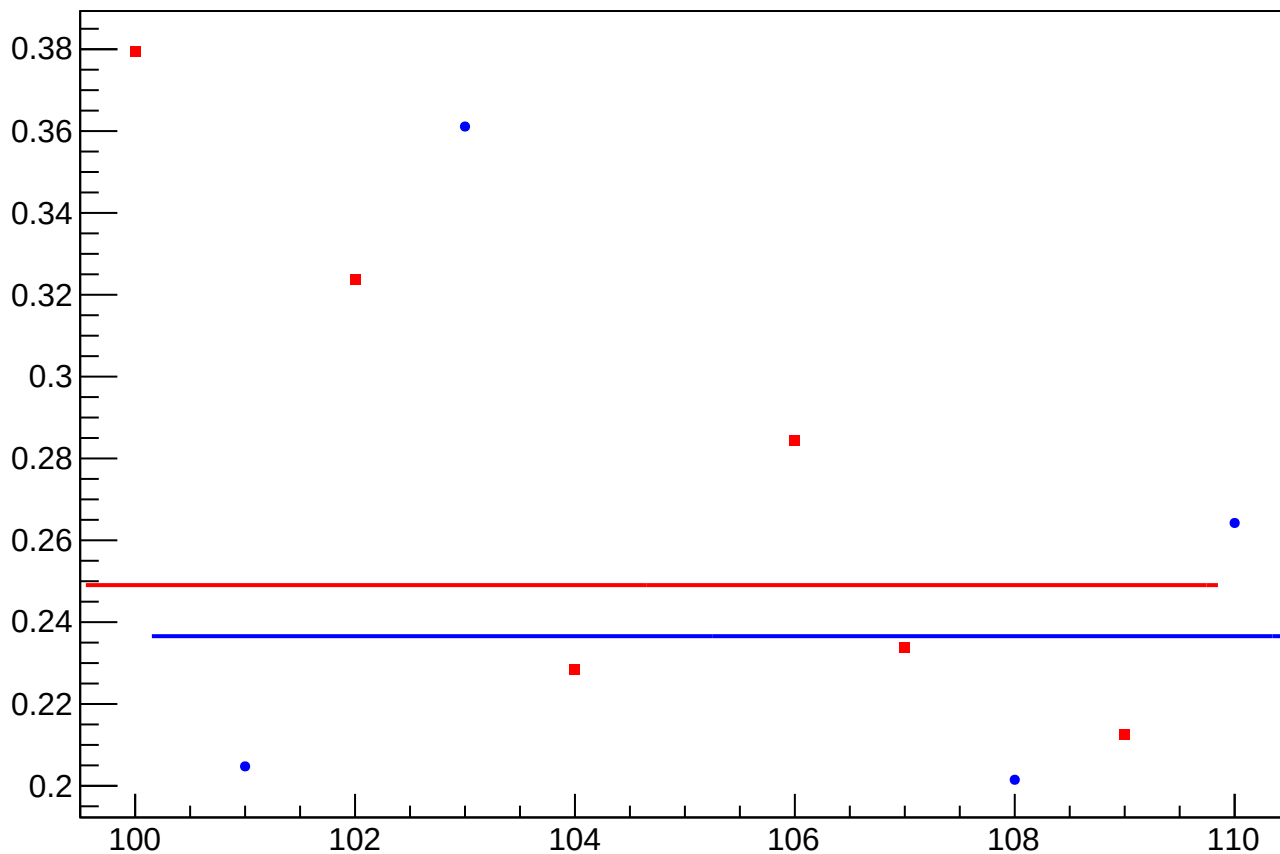
Right: 17.540+/-0.000 χ^2/NDF : 7661062.3/9

In: 17.456+/-0.000 χ^2/NDF : 4130500.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.540+/-0.000 χ^2/NDF : 7661062.3/9

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.237+/-0.000 χ^2/NDF : 194633.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.249+/-0.000 χ^2/NDF : 122325.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

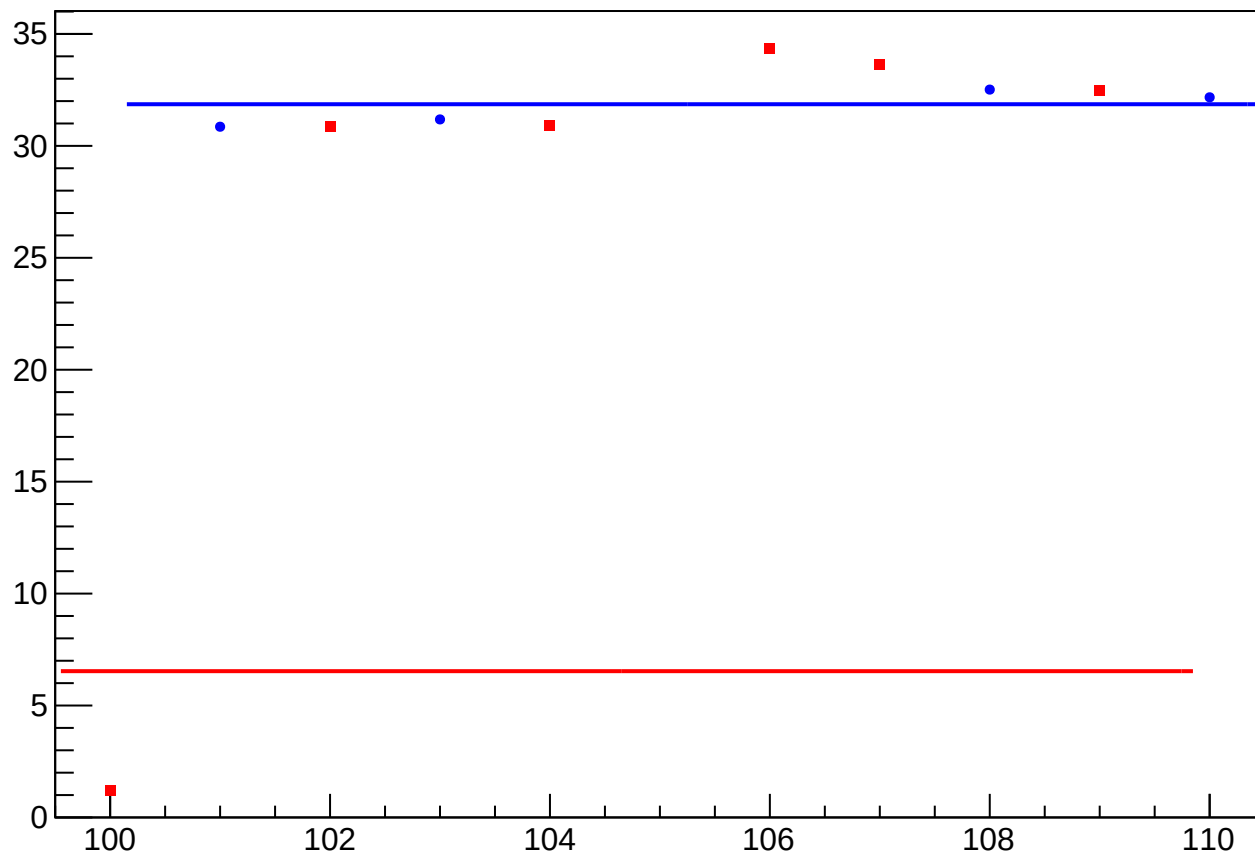
Right: 0.243+/-0.000 χ^2/NDF : 321723.4/9

In: 0.237+/-0.000 χ^2/NDF : 194633.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.243+/-0.000 χ^2/NDF : 321723.4/9

yield_sam3_mean vs Slug, Sign Corrected



Right In: 31.860+/-0.000 χ^2/NDF : 32772930.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.535+/-0.000 χ^2/NDF : 65022116039.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

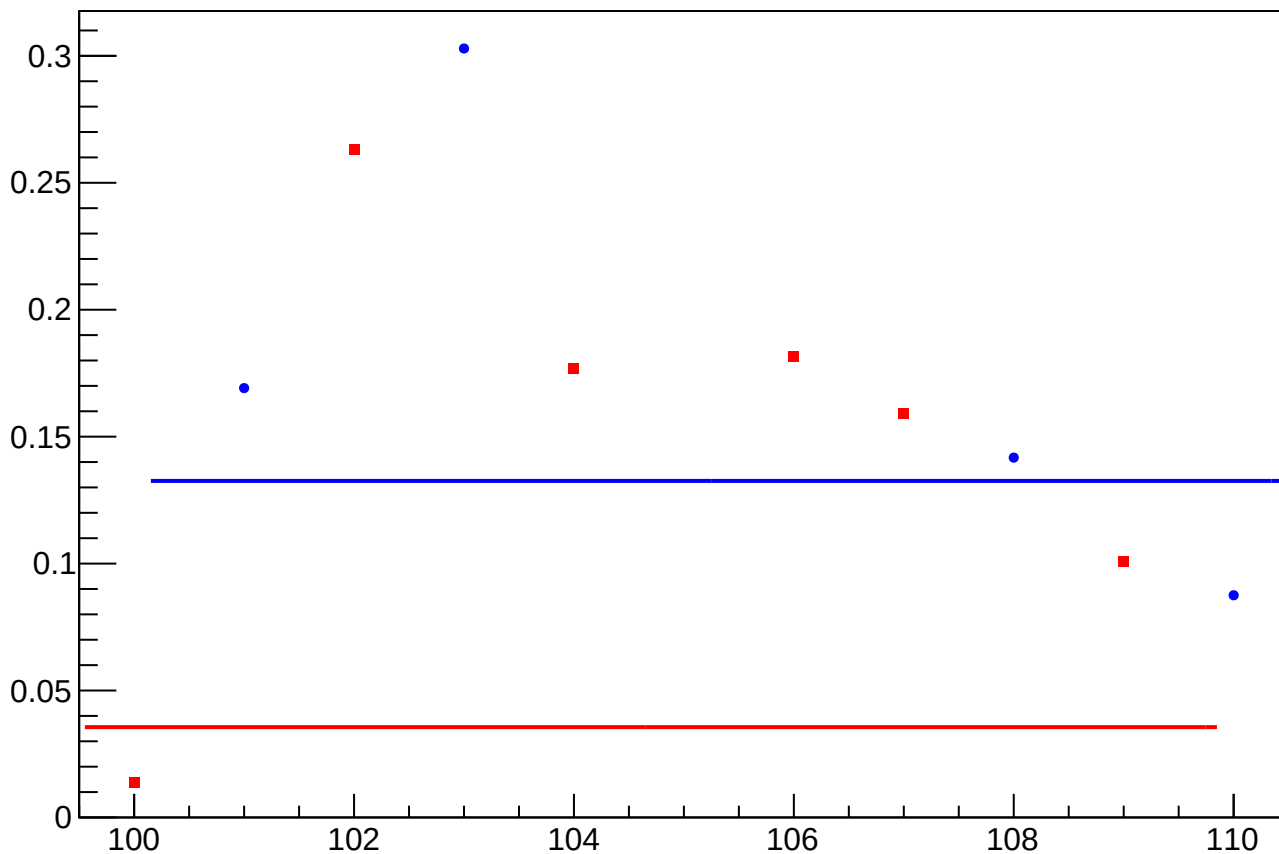
Right: 10.345+/-0.000 χ^2/NDF : 110519263181.8/9

In: 31.860+/-0.000 χ^2/NDF : 32772930.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.345+/-0.000 χ^2/NDF : 110519263181.8/9

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.133+/-0.000 χ^2/NDF : 594711.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 2645376.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

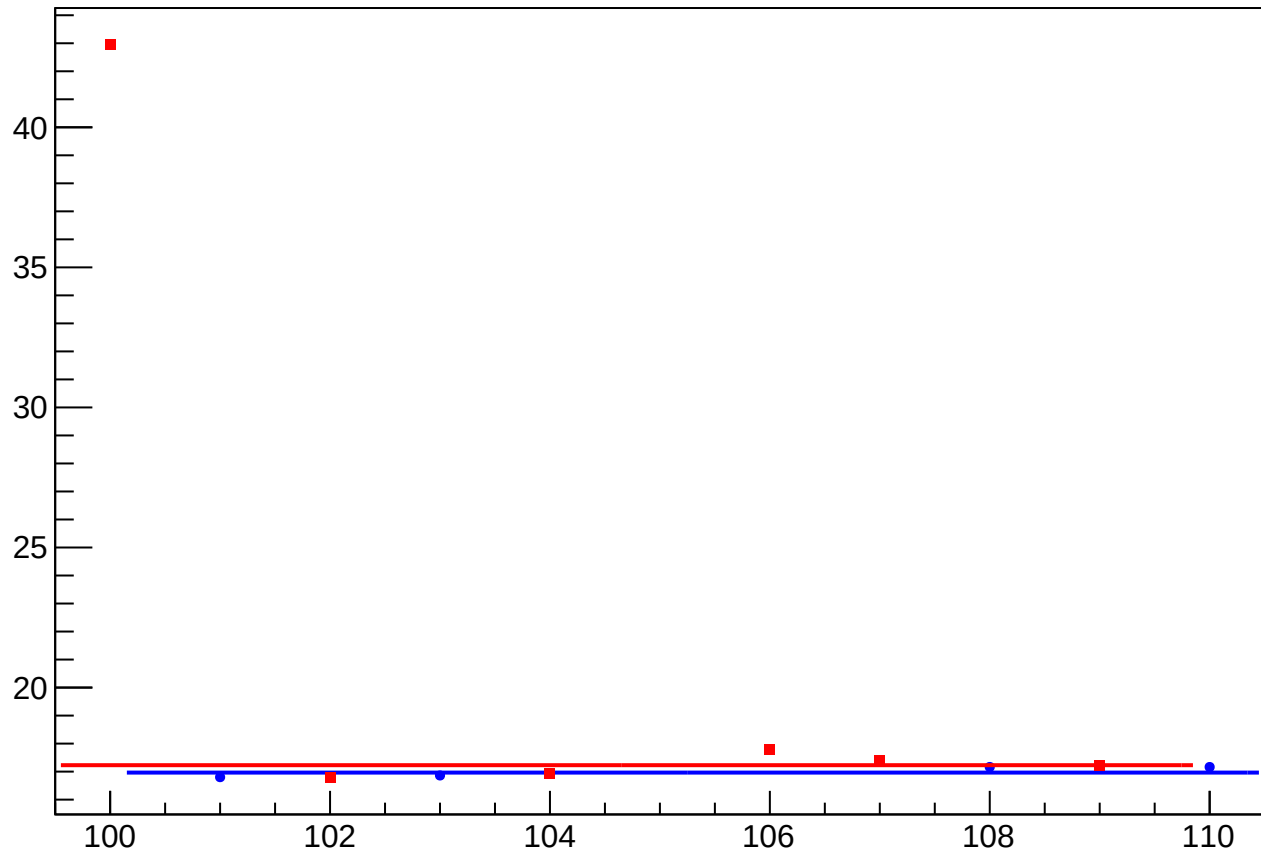
Right: 0.050+/-0.000 χ^2/NDF : 4573561.3/9

In: 0.133+/-0.000 χ^2/NDF : 594711.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.050+/-0.000 χ^2/NDF : 4573561.3/9

yield_sam4_mean vs Slug, Sign Corrected



Right In: 16.965+/-0.000 χ^2/NDF : 4003246.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.229+/-0.000 χ^2/NDF : 254329165.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

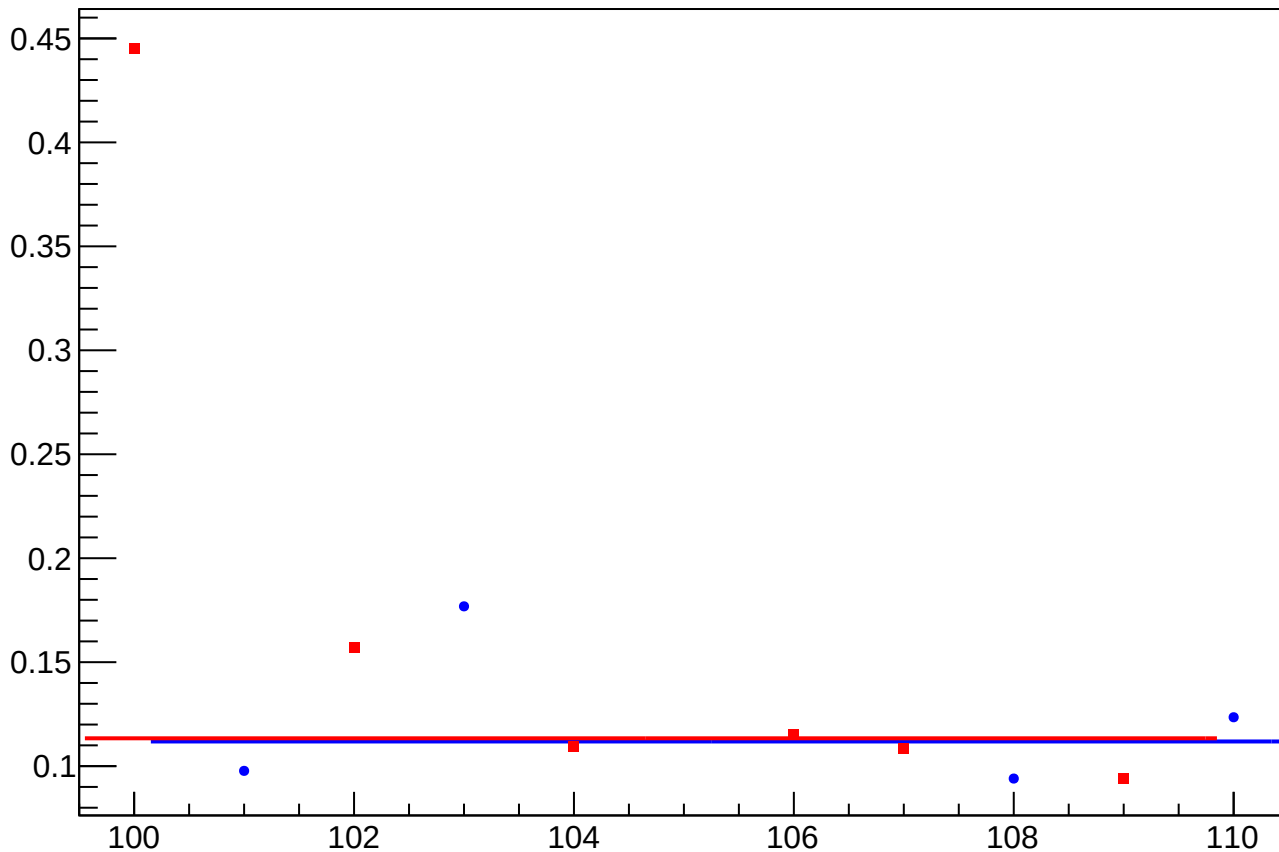
Right: 17.102+/-0.000 χ^2/NDF : 263150251.0/9

In: 16.965+/-0.000 χ^2/NDF : 4003246.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.102+/-0.000 χ^2/NDF : 263150251.0/9

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.112+/-0.000 χ^2/NDF : 210124.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.113+/-0.000 χ^2/NDF : 207196.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

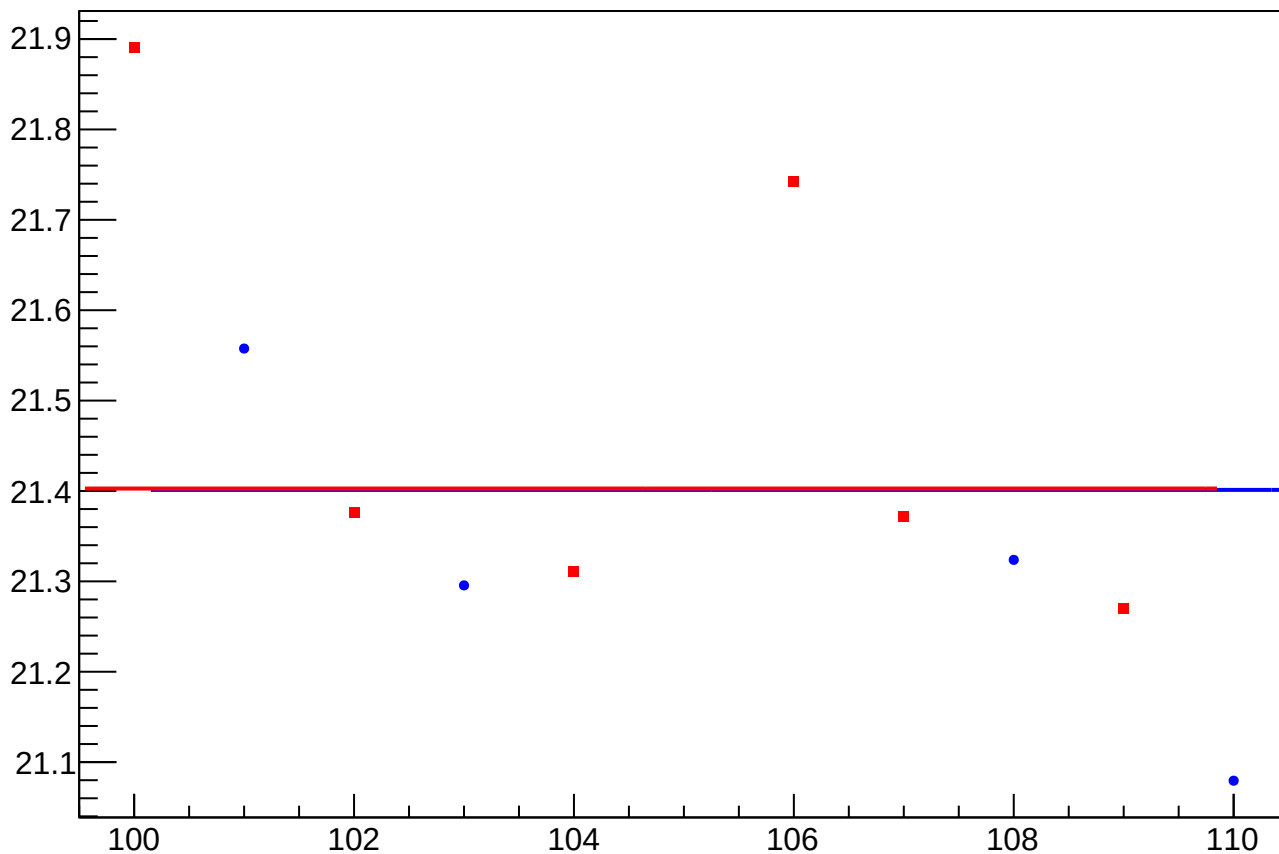
Right: 0.113+/-0.000 χ^2/NDF : 417639.8/9

In: 0.112+/-0.000 χ^2/NDF : 210124.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.113+/-0.000 χ^2/NDF : 417639.8/9

yield_sam5_mean vs Slug, Sign Corrected



Right In: 21.401+/-0.000 χ^2/NDF : 50136328.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.403+/-0.000 χ^2/NDF : 88820160.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

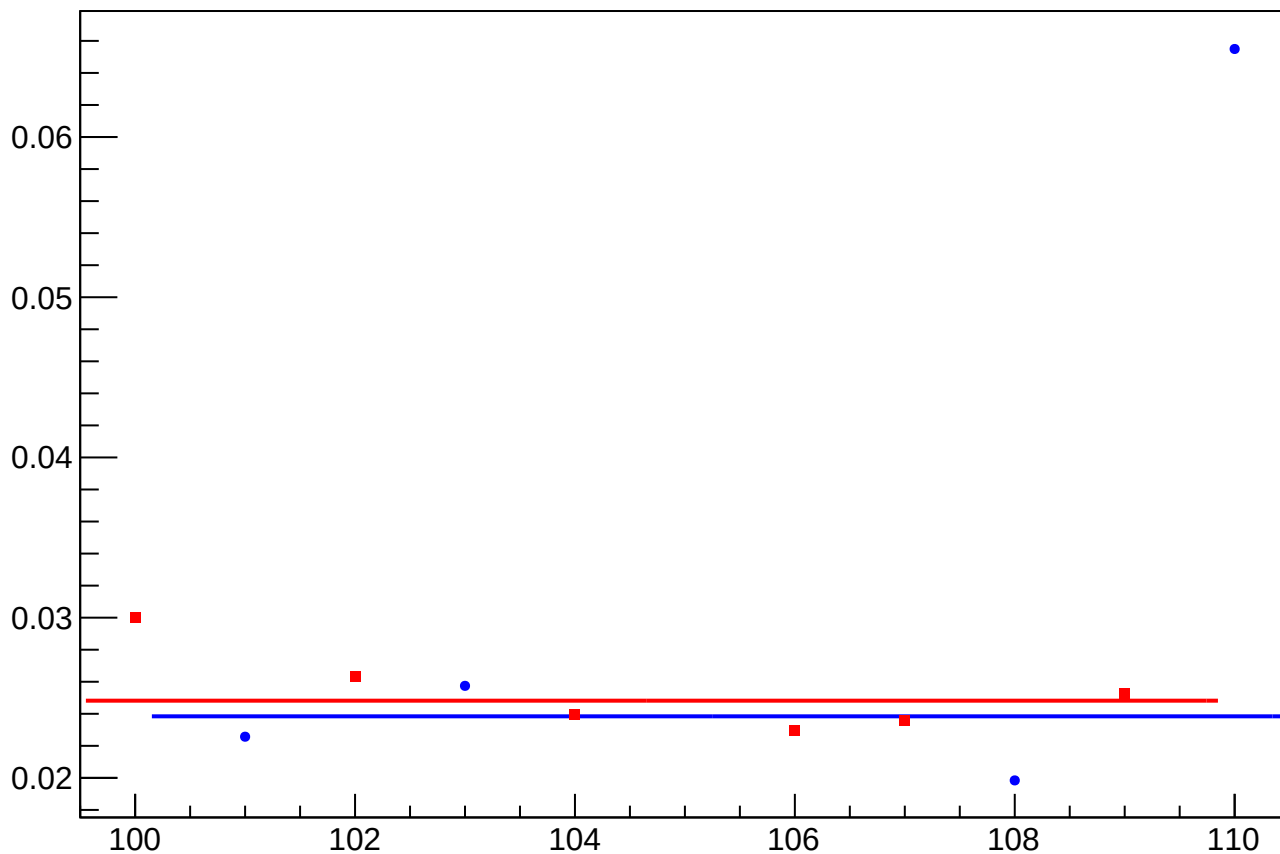
Right: 21.402+/-0.000 χ^2/NDF : 138959910.8/9

In: 21.401+/-0.000 χ^2/NDF : 50136328.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.402+/-0.000 χ^2/NDF : 138959910.8/9

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 296786.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 14046.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

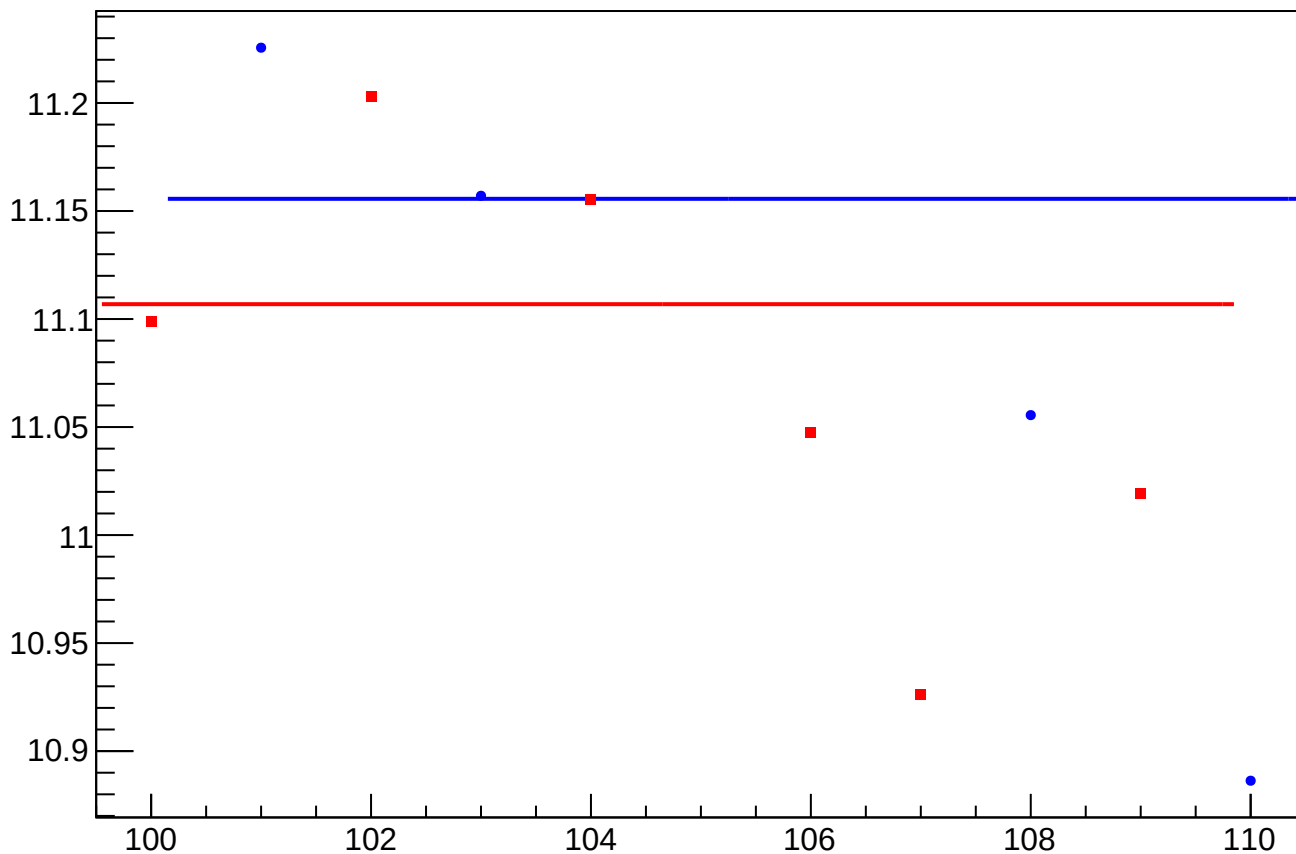
Right: 0.024+/-0.000 χ^2/NDF : 313732.5/9

In: 0.024+/-0.000 χ^2/NDF : 296786.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 313732.5/9

yield_sam6_mean vs Slug, Sign Corrected



Right In: 11.156+/-0.000 χ^2/NDF : 117074270.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.107+/-0.000 χ^2/NDF : 107601810.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

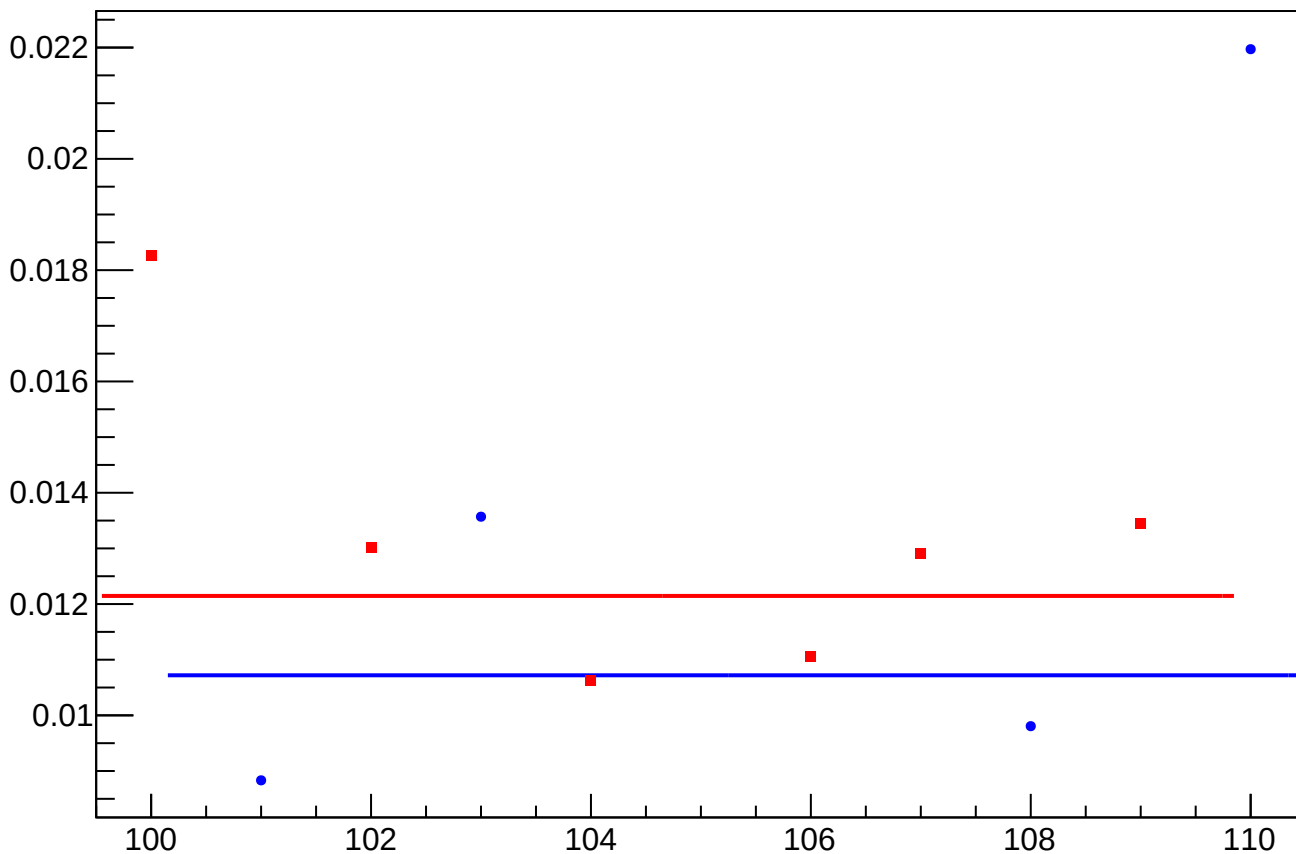
Right: 11.132+/-0.000 χ^2/NDF : 241223560.9/9

In: 11.156+/-0.000 χ^2/NDF : 117074270.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.132+/-0.000 χ^2/NDF : 241223560.9/9

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 279279.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 54800.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

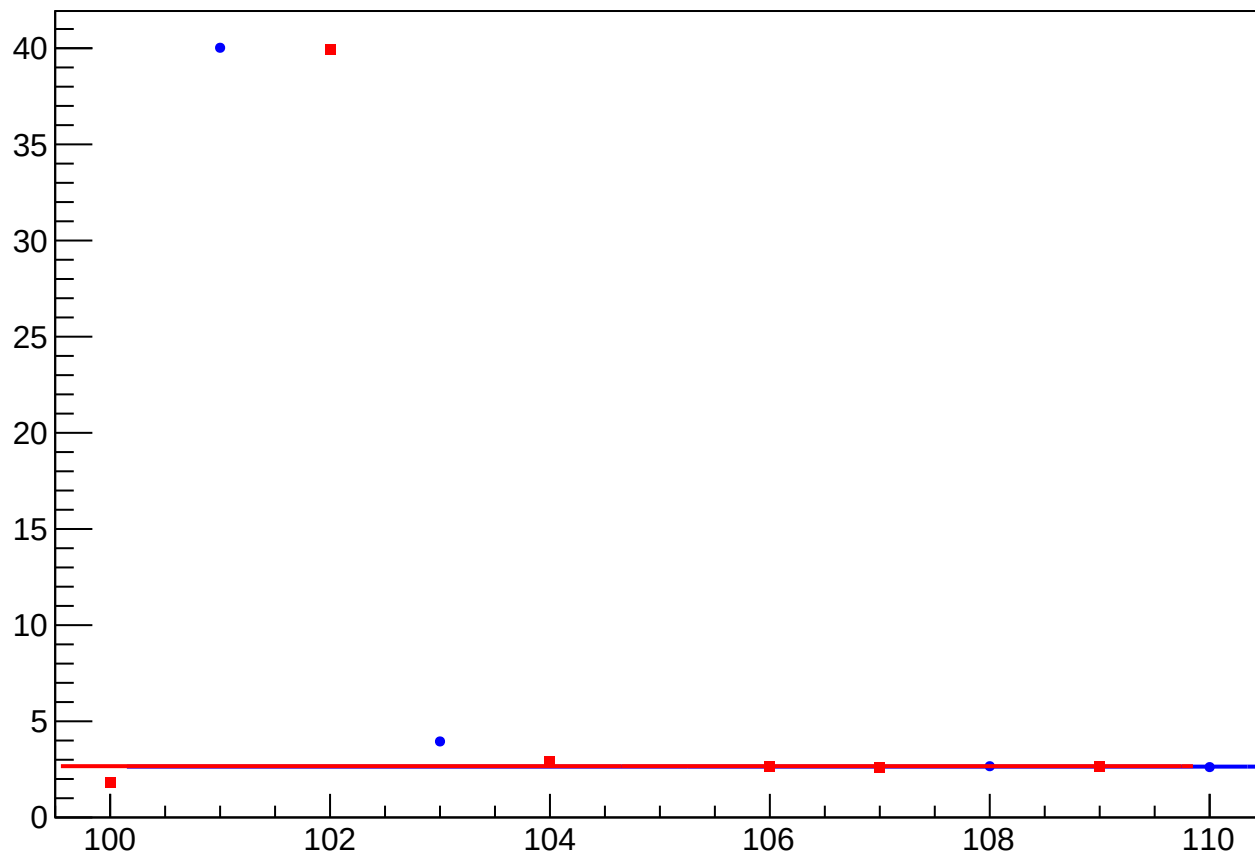
Right: 0.011+/-0.000 χ^2/NDF : 362376.6/9

In: 0.011+/-0.000 χ^2/NDF : 279279.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 362376.6/9

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.643+/-0.000 χ^2/NDF : 61946492546.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.667+/-0.000 χ^2/NDF : 59966497337.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

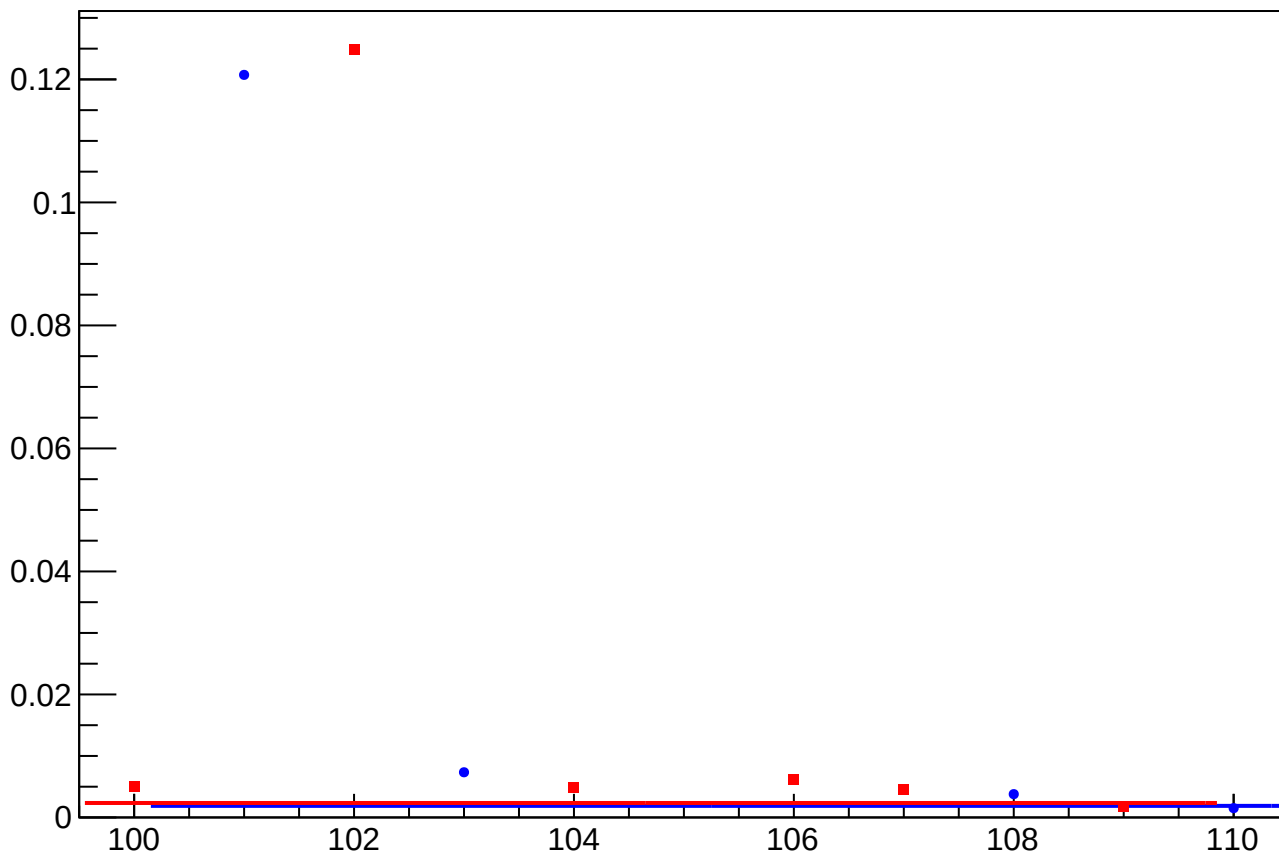
Right: 2.656+/-0.000 χ^2/NDF : 121962312333.9/9

In: 2.643+/-0.000 χ^2/NDF : 61946492546.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.656+/-0.000 χ^2/NDF : 121962312333.9

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1480262.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1842110.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

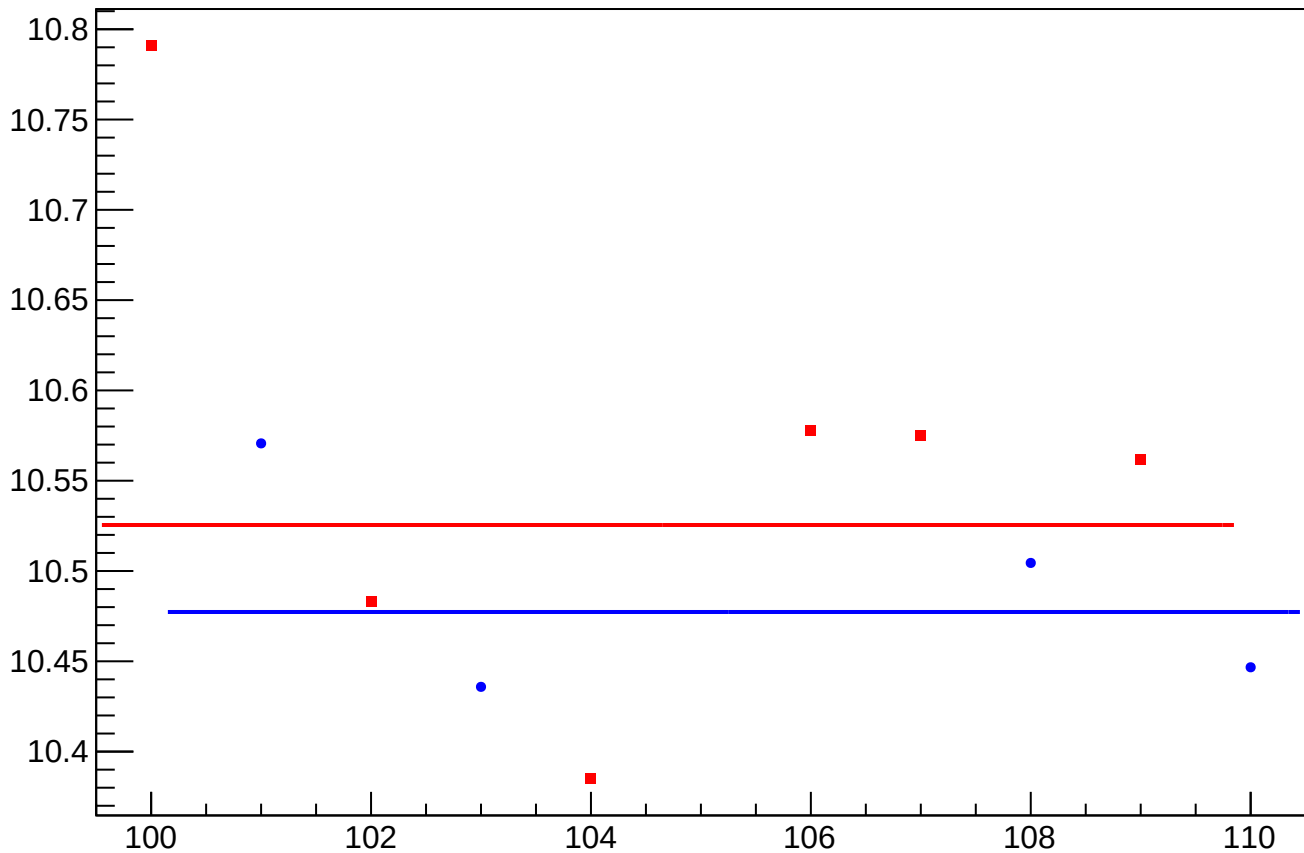
Right: 0.002+/-0.000 χ^2/NDF : 3360870.7/9

In: 0.002+/-0.000 χ^2/NDF : 1480262.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3360870.7/9

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.477+/-0.000 χ^2/NDF : 76701511.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.525+/-0.000 χ^2/NDF : 173745132.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

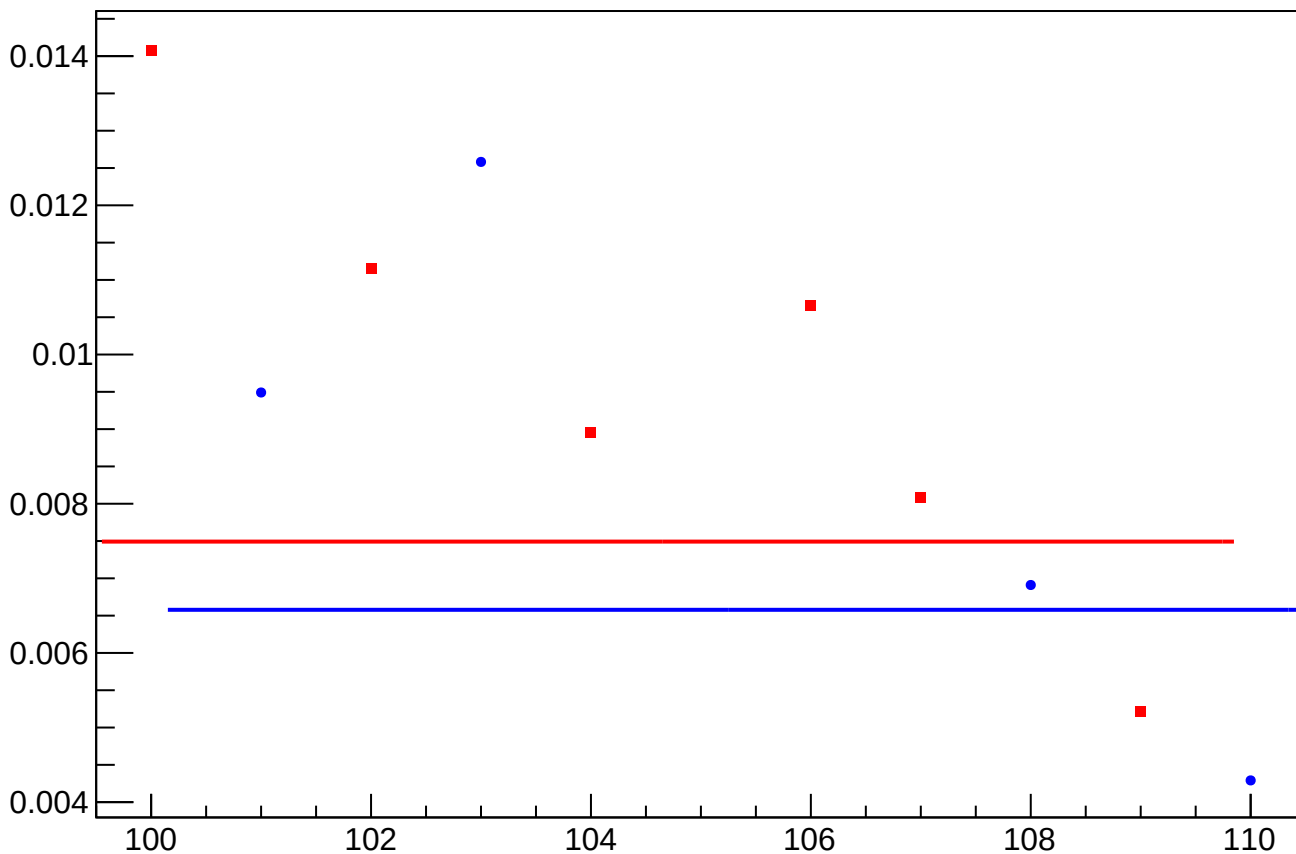
Right: 10.501+/-0.000 χ^2/NDF : 288896387.1/9

In: 10.477+/-0.000 χ^2/NDF : 76701511.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.501+/-0.000 χ^2/NDF : 288896387.1/9

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 551273.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 404544.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

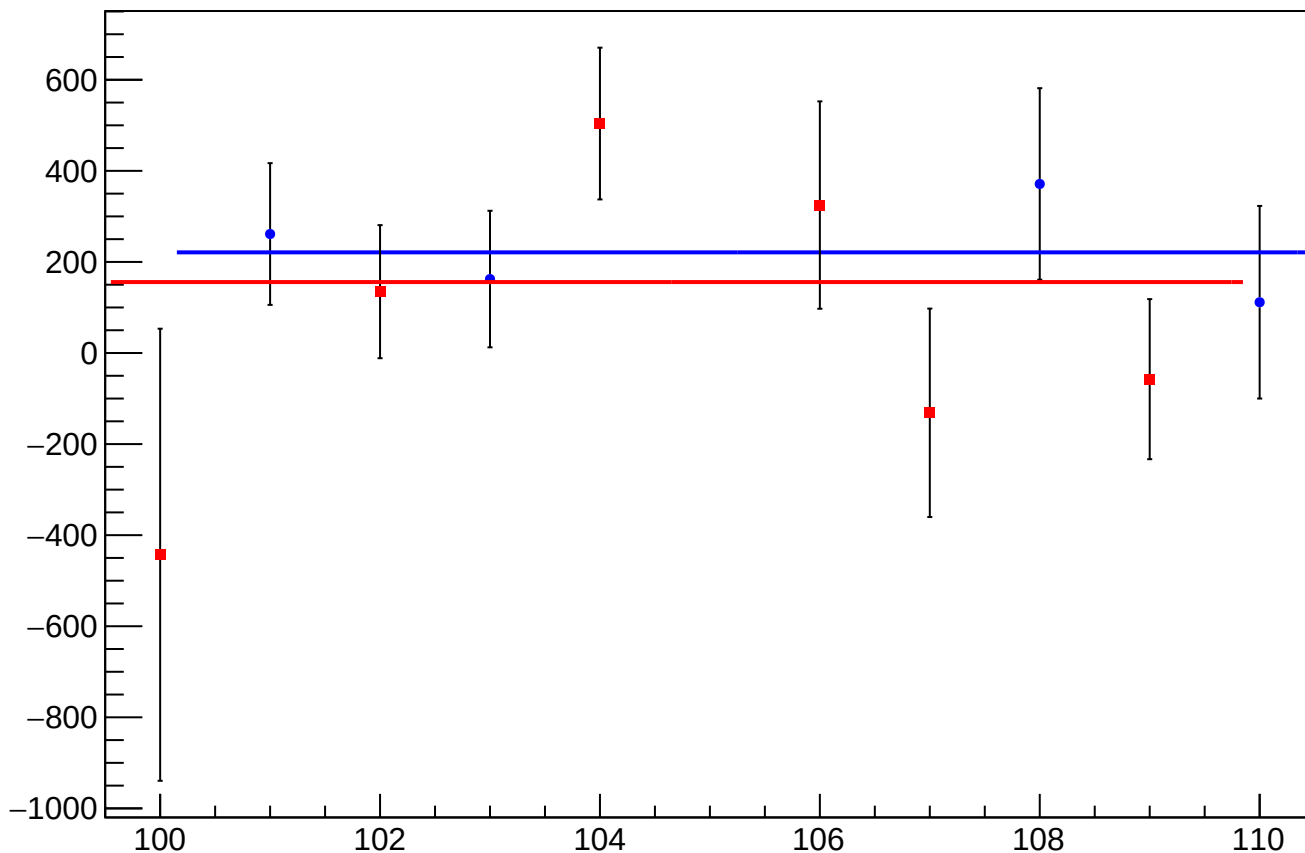
Right: 0.007+/-0.000 χ^2/NDF : 983523.9/9

In: 0.007+/-0.000 χ^2/NDF : 551273.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 983523.9/9

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 221.023 $\pm$ 87.456 χ^2 /NDF: 1.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 155.795 $\pm$ 79.644 χ^2 /NDF: 9.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

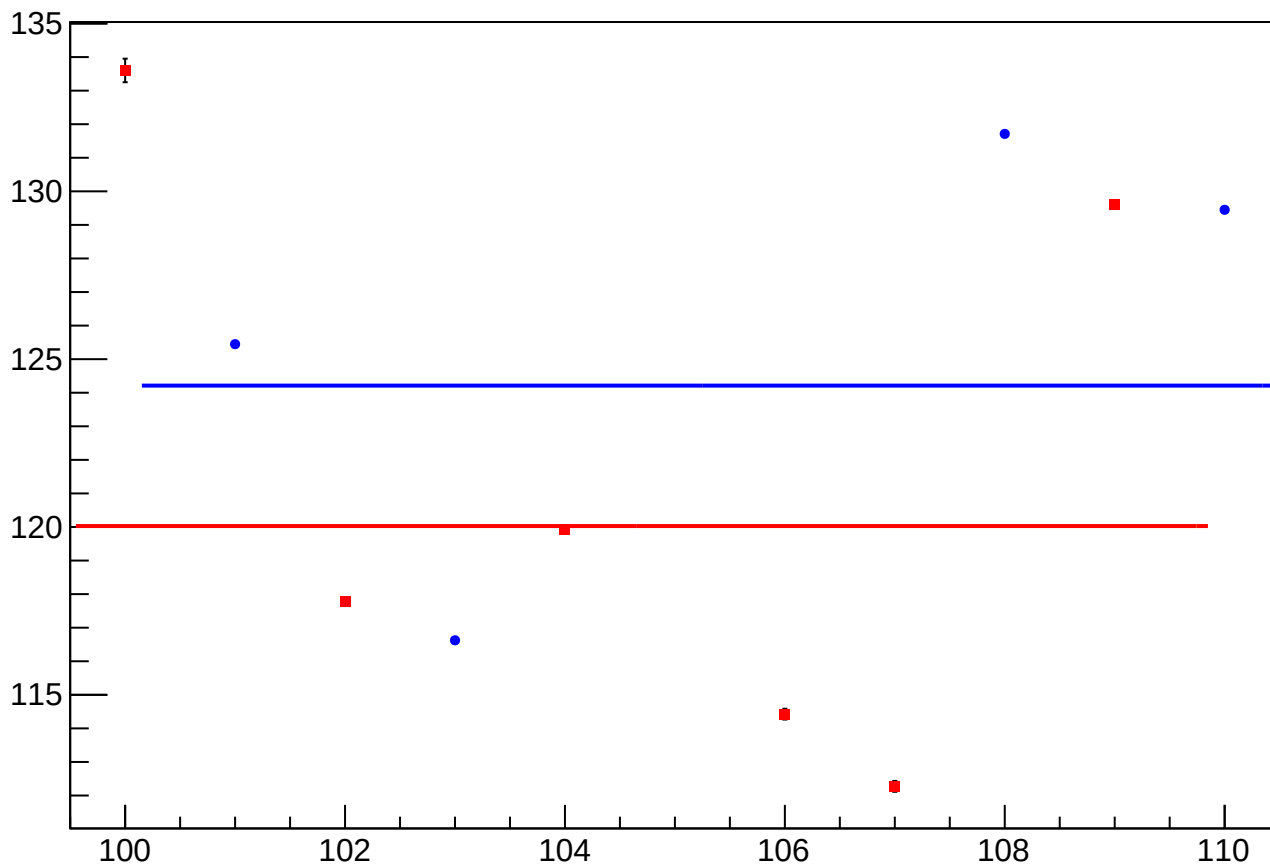
Right: 185.366 $\pm$ 58.885 χ^2 /NDF: 10.7/9

In: 221.023 $\pm$ 87.456 χ^2 /NDF: 1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 185.366 $\pm$ 58.885 χ^2 /NDF: 10.7/9

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 124.212+/-0.062 χ^2/NDF : 9019.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.028+/-0.056 χ^2/NDF : 11414.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

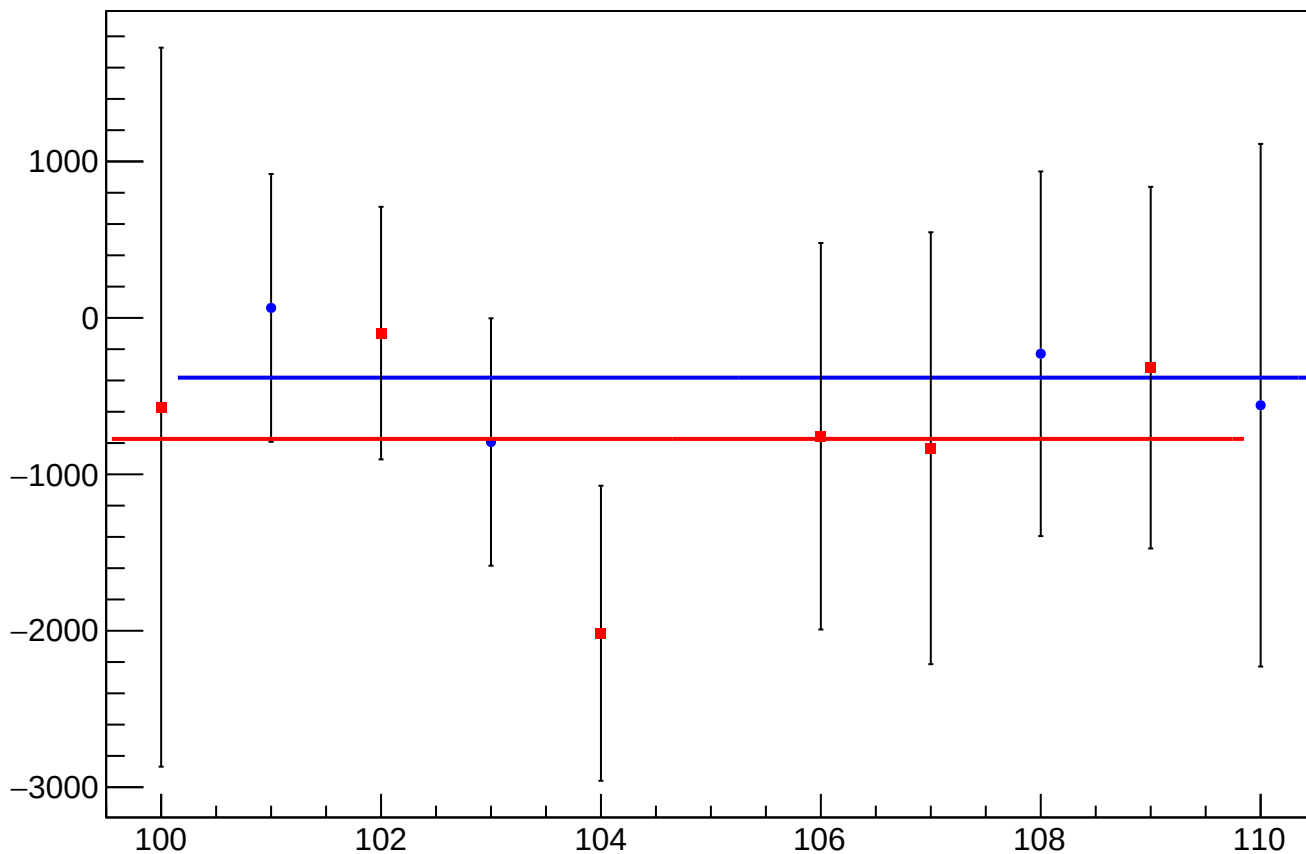
Right: 121.925+/-0.042 χ^2/NDF : 22936.5/9

In: 124.212+/-0.062 χ^2/NDF : 9019.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.925+/-0.042 χ^2/NDF : 22936.5/9

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -381.910+/-496.395 χ^2/NDF : 0.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -773.420+/-457.554 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

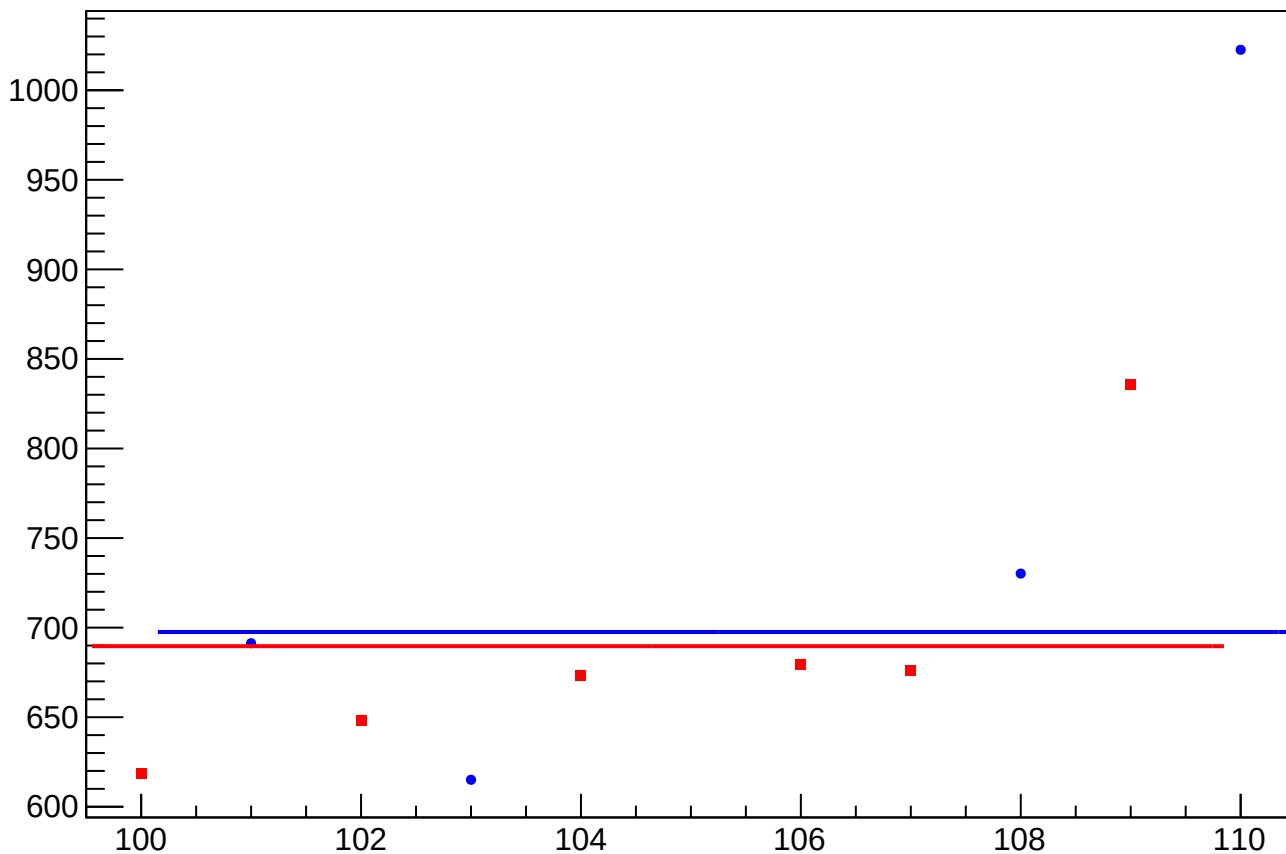
Right: -593.580+/-336.434 χ^2/NDF : 3.5/9

In: -381.910+/-496.395 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -593.580+/-336.434 χ^2/NDF : 3.5/9

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 697.558 $\pm$ 0.351 χ^2 /NDF: 99149.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 689.644 $\pm$ 0.324 χ^2 /NDF: 40170.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

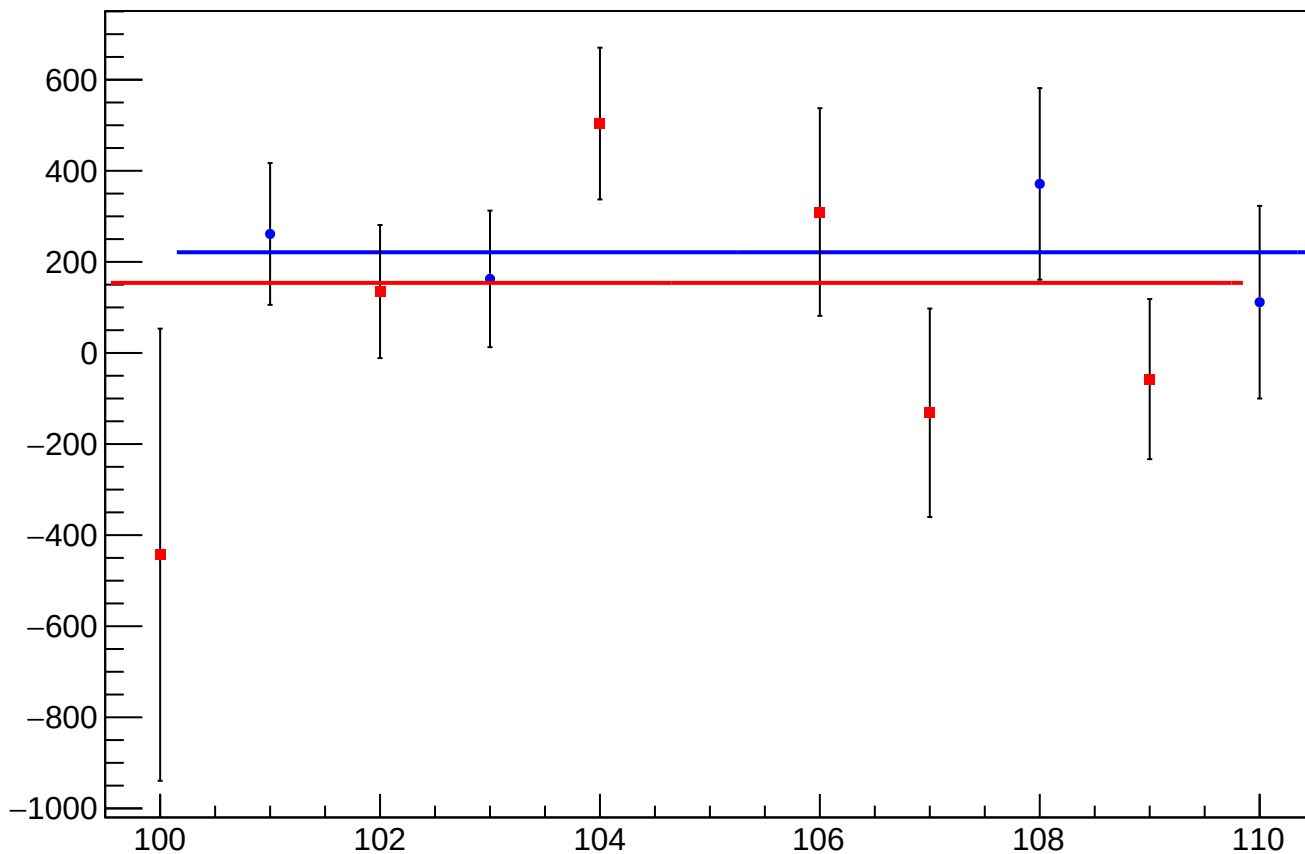
Right: 693.279 $\pm$ 0.238 χ^2 /NDF: 139595.2/9

In: 697.558 $\pm$ 0.351 χ^2 /NDF:99149.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 693.279 $\pm$ 0.238 χ^2 /NDF: 139595.2/9

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 221.116 $\pm$ 87.456 χ^2 /NDF: 1.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.899 $\pm$ 79.659 χ^2 /NDF: 9.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

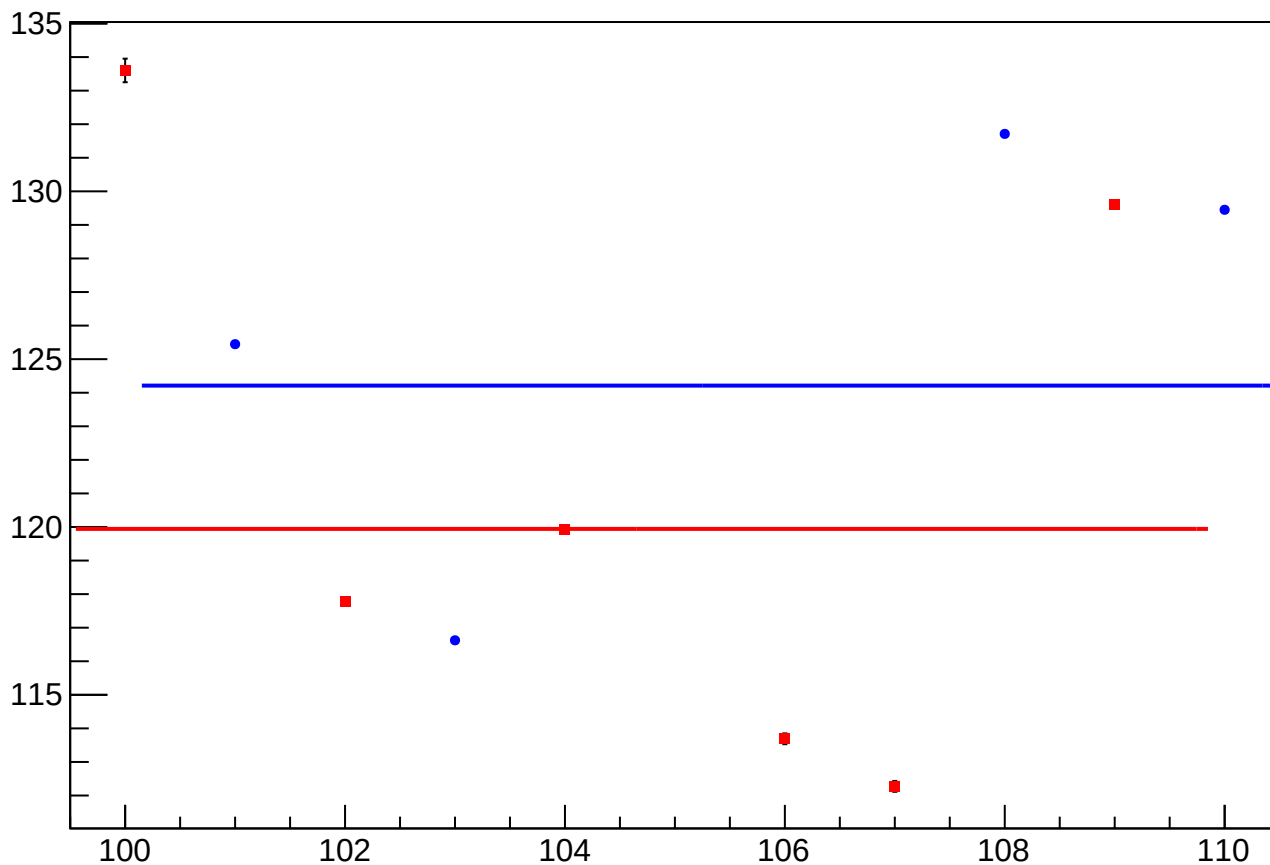
Right: 184.378 $\pm$ 58.891 χ^2 /NDF: 10.7/9

In: 221.116 $\pm$ 87.456 χ^2 /NDF: 1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 184.378 $\pm$ 58.891 χ^2 /NDF: 10.7/9

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 124.212+/-0.062 χ^2/NDF : 9019.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.943+/-0.056 χ^2/NDF : 11741.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

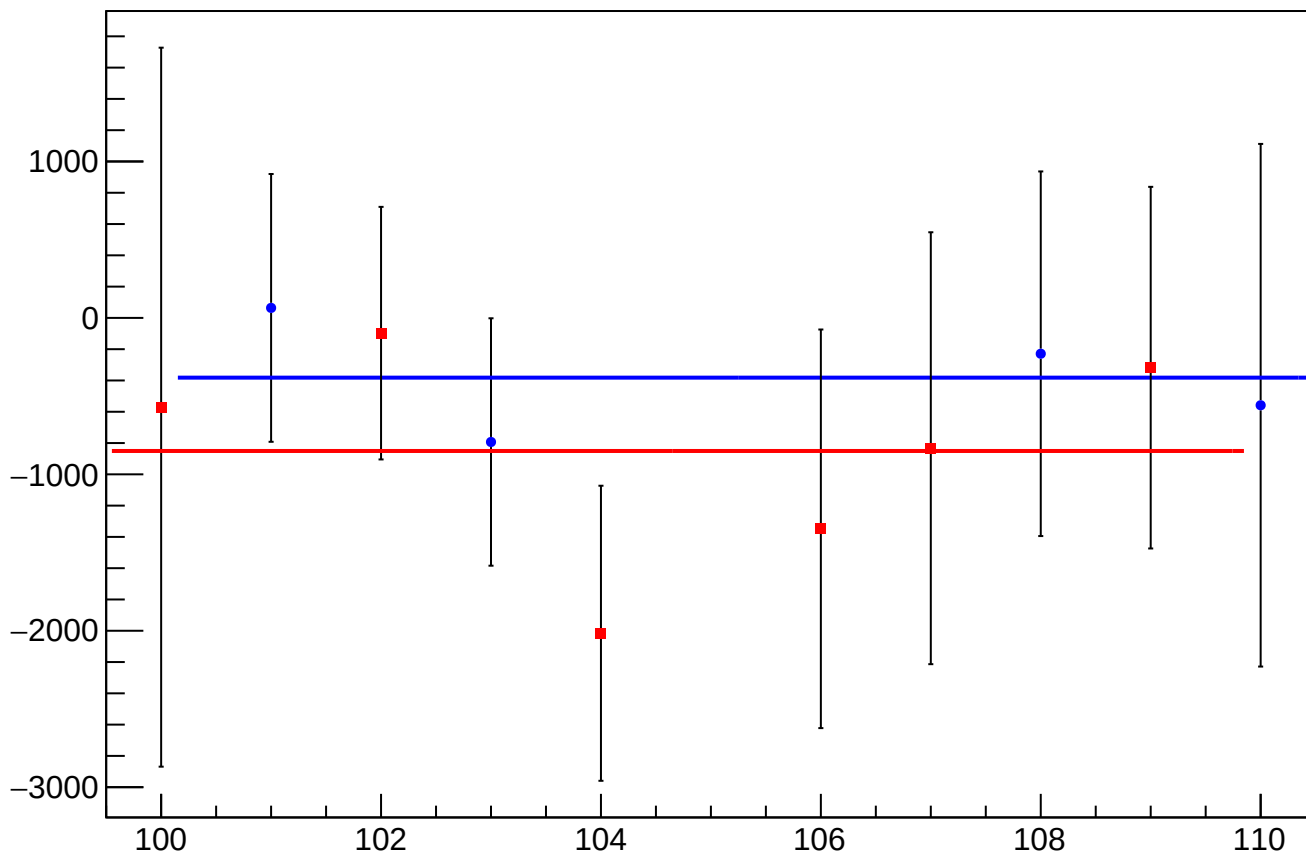
Right: 121.879+/-0.042 χ^2/NDF : 23365.8/9

In: 124.212+/-0.062 χ^2/NDF : 9019.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.879+/-0.042 χ^2/NDF : 23365.8/9

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -381.886+/-496.394 χ^2/NDF : 0.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -850.705+/-459.453 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

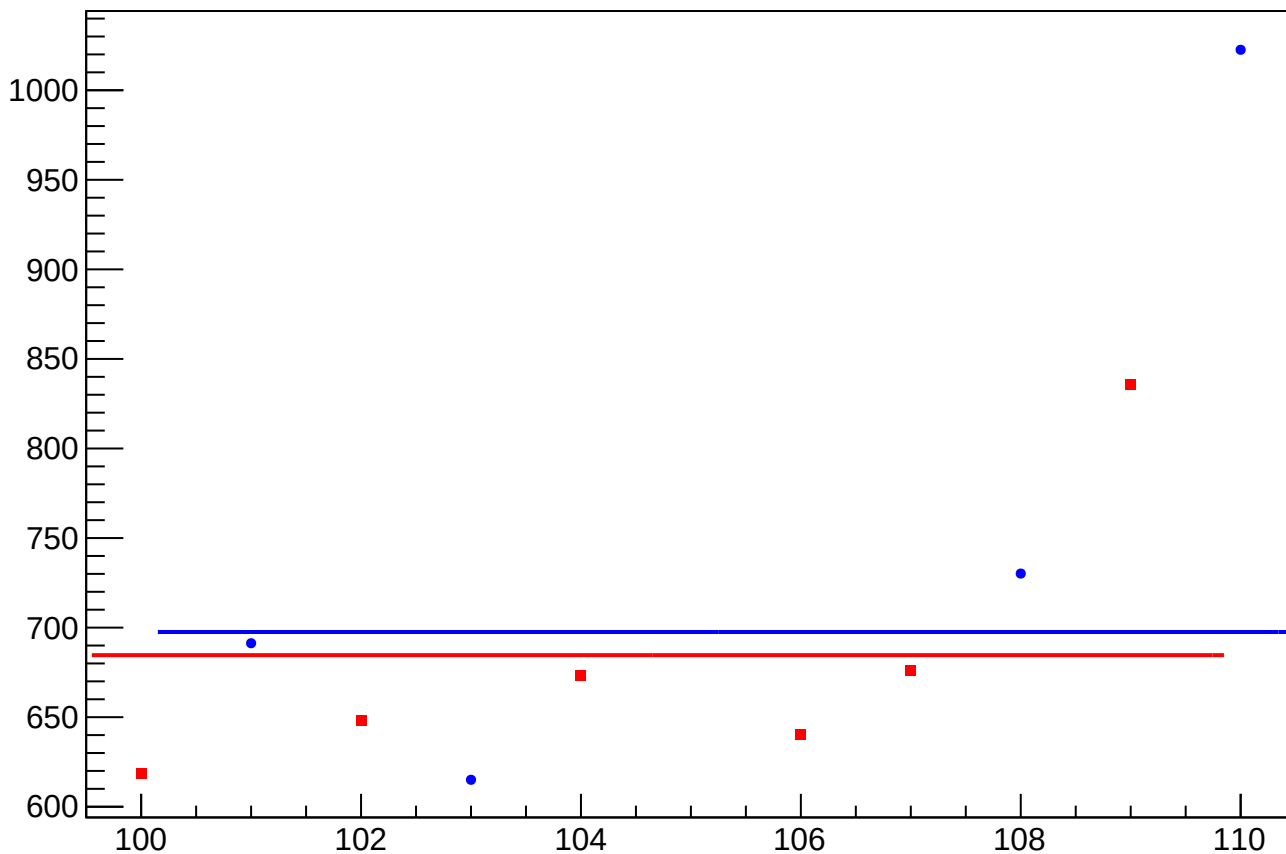
Right: -634.387+/-337.186 χ^2/NDF : 3.8/9

In: -381.886+/-496.394 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -634.387+/-337.186 χ^2/NDF : 3.8/9

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 697.556+/-0.351 χ^2/NDF : 99153.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 684.627+/-0.325 χ^2/NDF : 42792.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

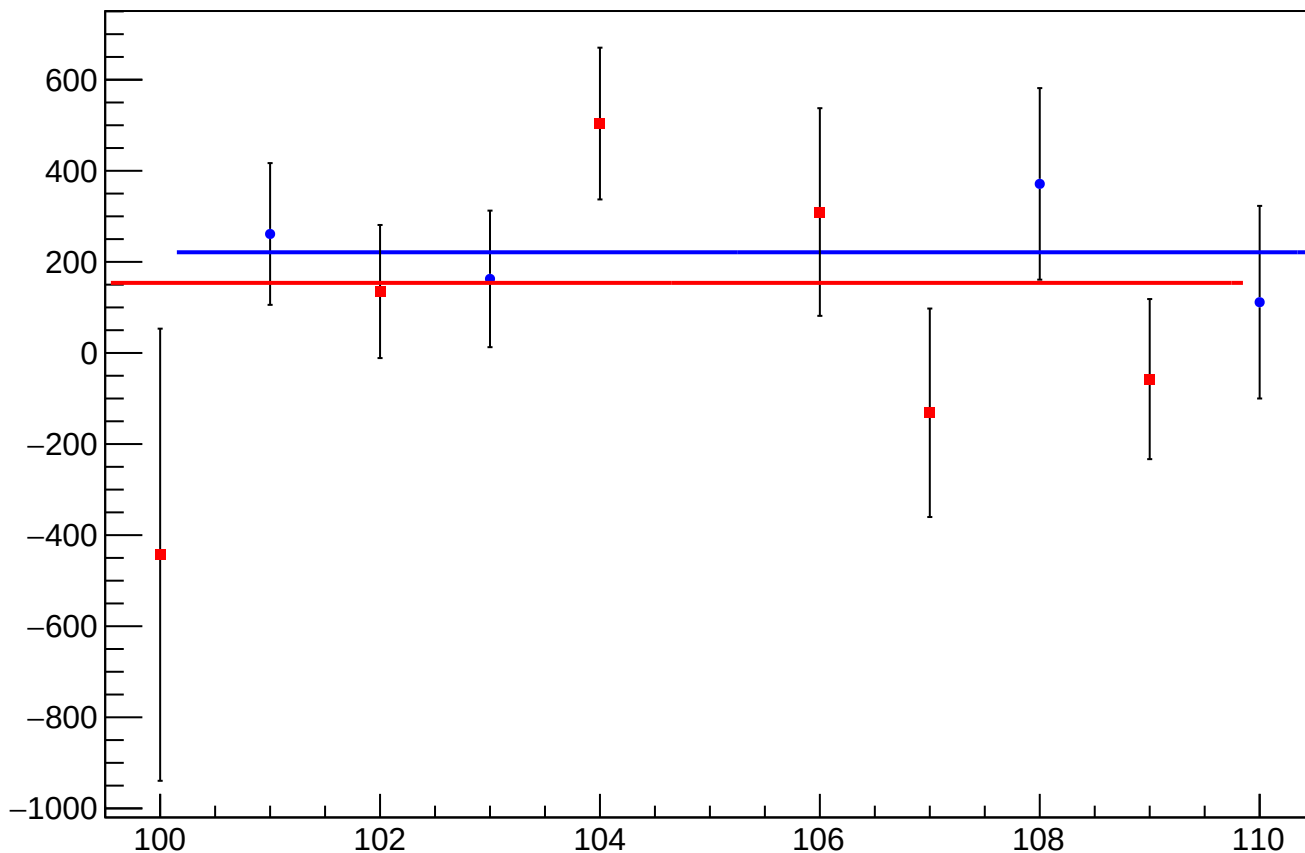
Right: 690.592+/-0.238 χ^2/NDF : 142676.7/9

In: 697.556+/-0.351 χ^2/NDF : 99153.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 690.592+/-0.238 χ^2/NDF : 142676.7/9

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 221.116 $\pm$ 87.456 χ^2 /NDF: 1.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.899 $\pm$ 79.659 χ^2 /NDF: 9.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

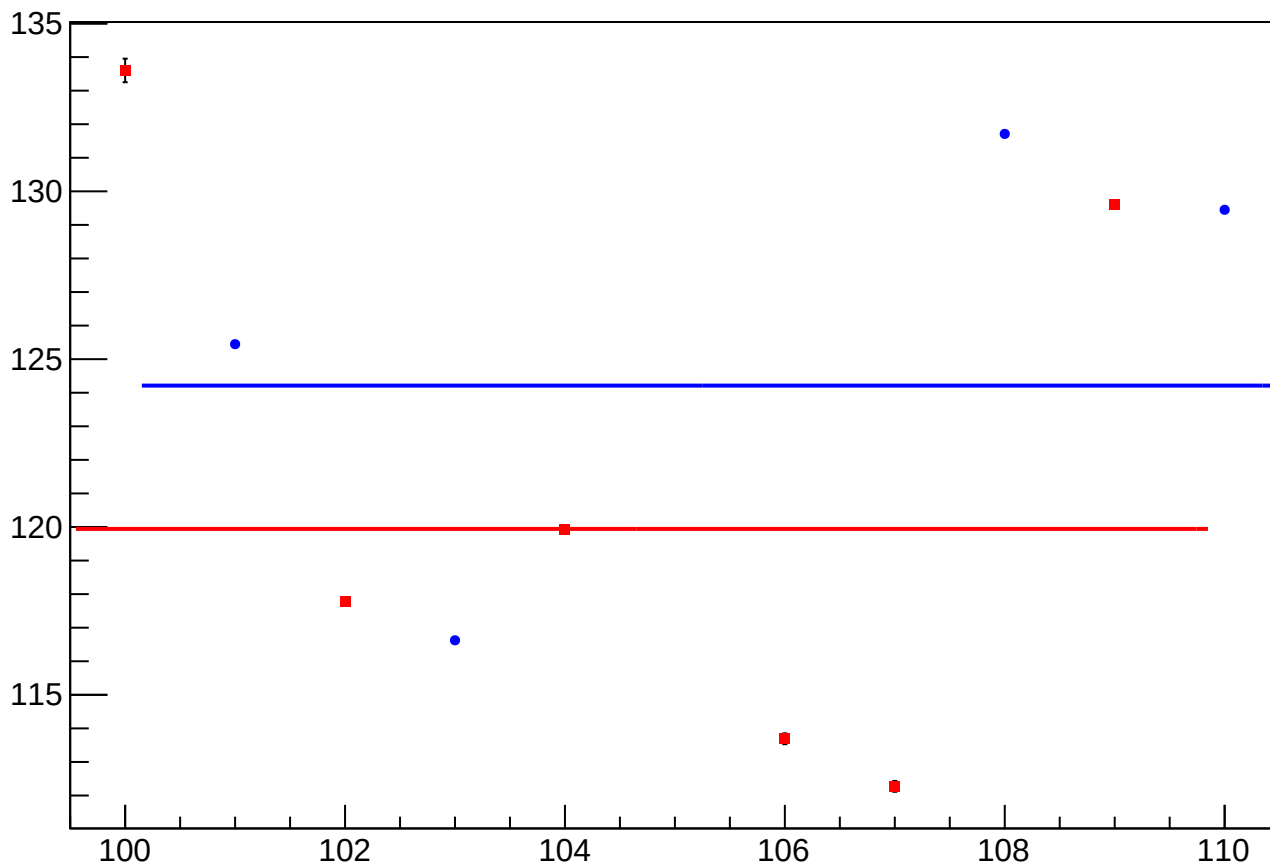
Right: 184.378 $\pm$ 58.891 χ^2 /NDF: 10.7/9

In: 221.116 $\pm$ 87.456 χ^2 /NDF: 1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 184.378 $\pm$ 58.891 χ^2 /NDF: 10.7/9

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 124.212+/-0.062 χ^2/NDF : 9019.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.943+/-0.056 χ^2/NDF : 11741.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

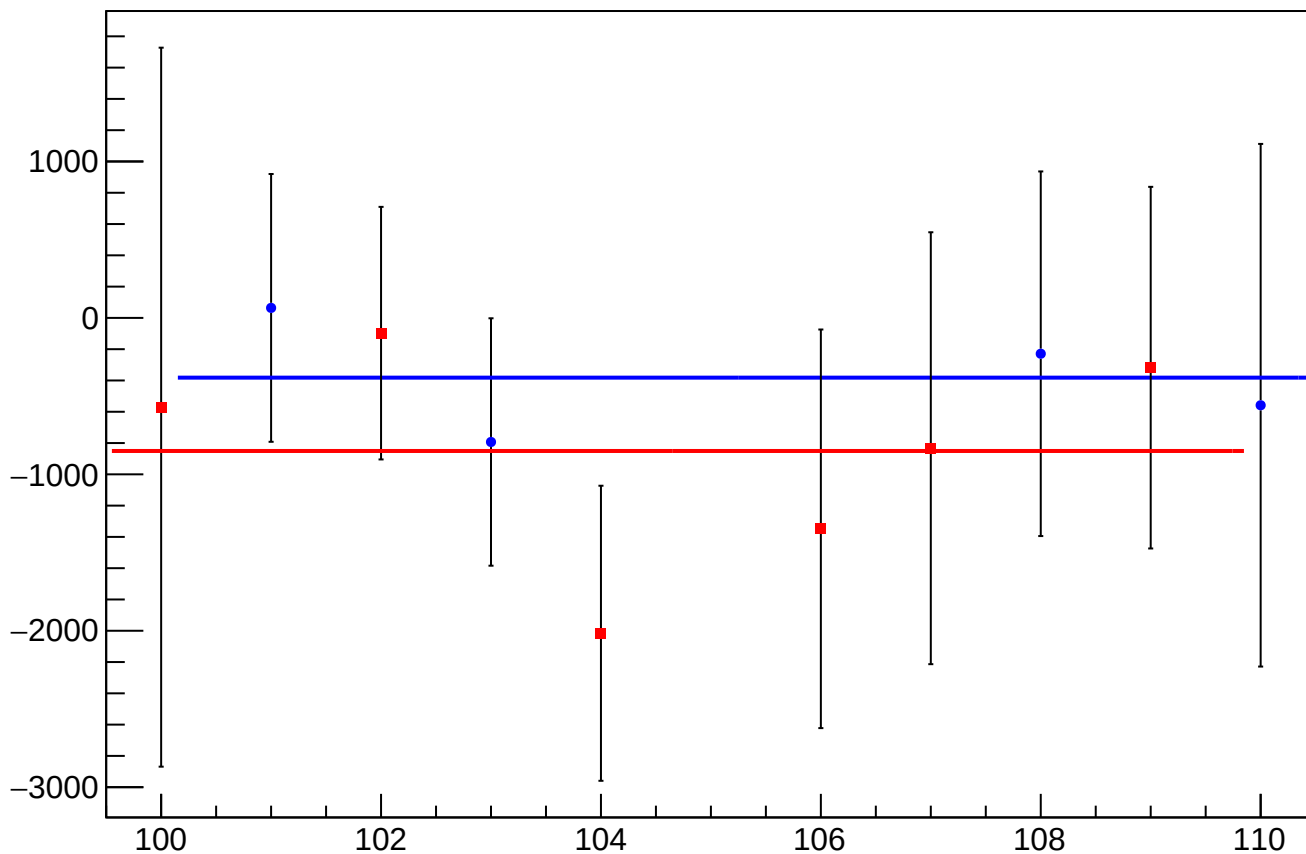
Right: 121.879+/-0.042 χ^2/NDF : 23365.8/9

In: 124.212+/-0.062 χ^2/NDF : 9019.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.879+/-0.042 χ^2/NDF : 23365.8/9

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -381.886+/-496.394 χ^2/NDF : 0.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -850.705+/-459.453 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

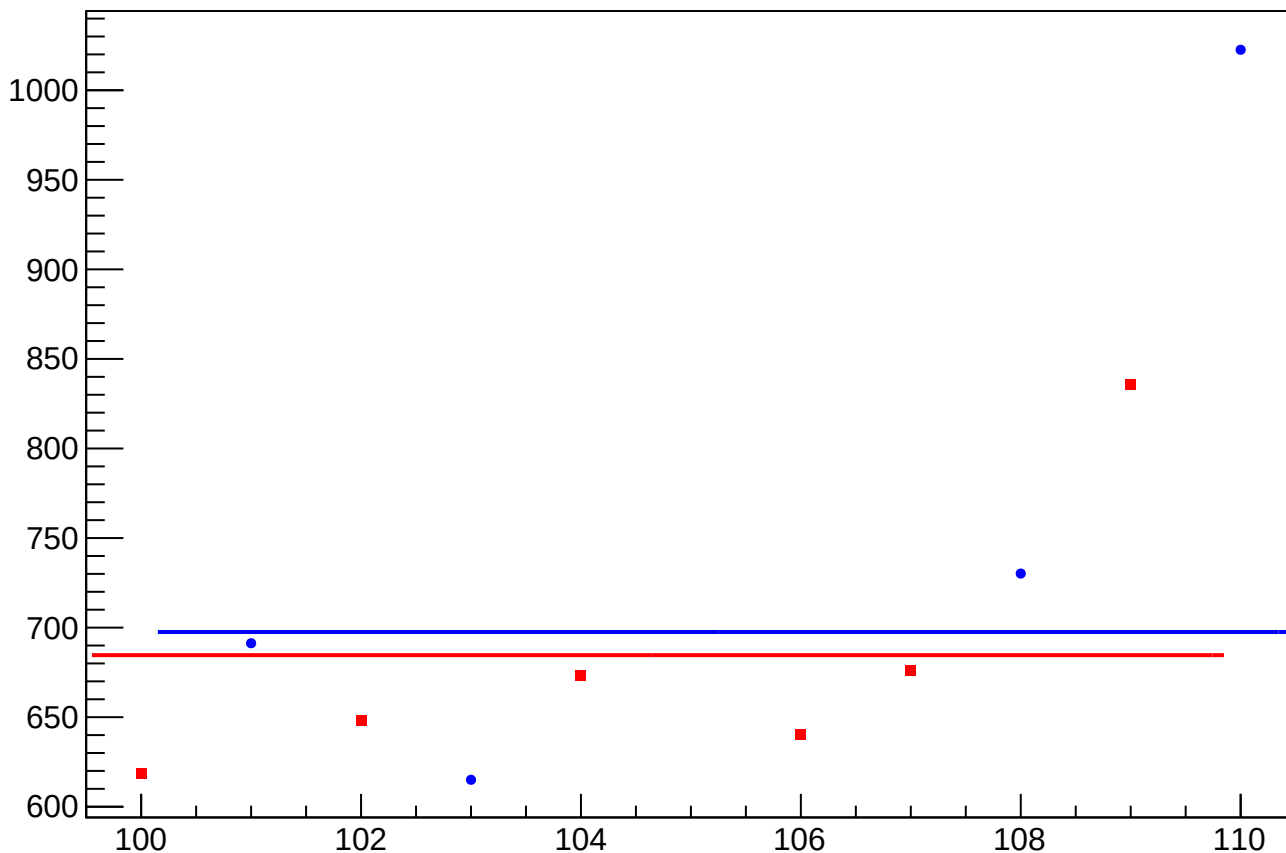
Right: -634.387+/-337.186 χ^2/NDF : 3.8/9

In: -381.886+/-496.394 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -634.387+/-337.186 χ^2/NDF : 3.8/9

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 697.556+/-0.351 χ^2/NDF : 99153.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 684.627+/-0.325 χ^2/NDF : 42792.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

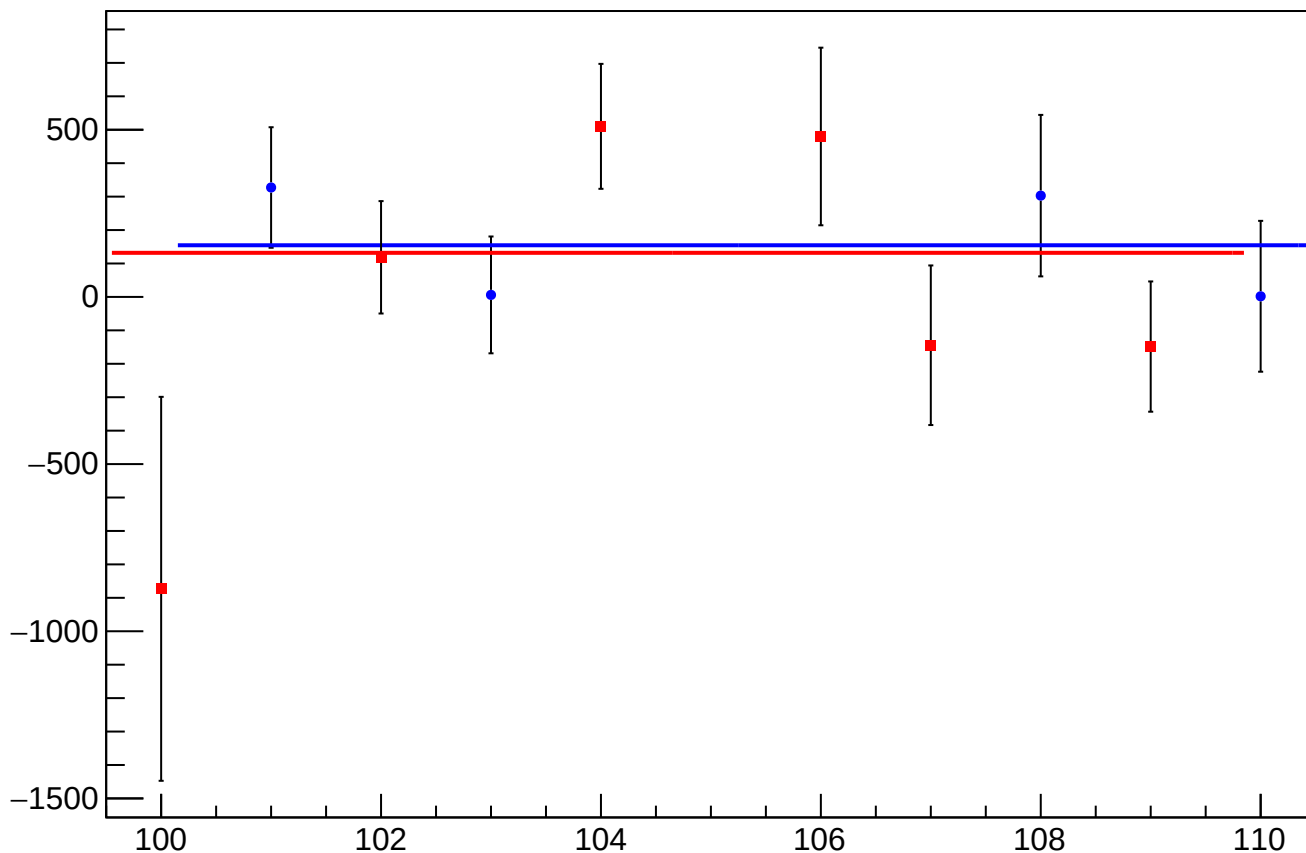
Right: 690.592+/-0.238 χ^2/NDF : 142676.7/9

In: 697.556+/-0.351 χ^2/NDF : 99153.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 690.592+/-0.238 χ^2/NDF : 142676.7/9

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 154.513 $\pm$ 99.828 χ^2 /NDF: 2.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131.897 $\pm$ 89.389 χ^2 /NDF: 12.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

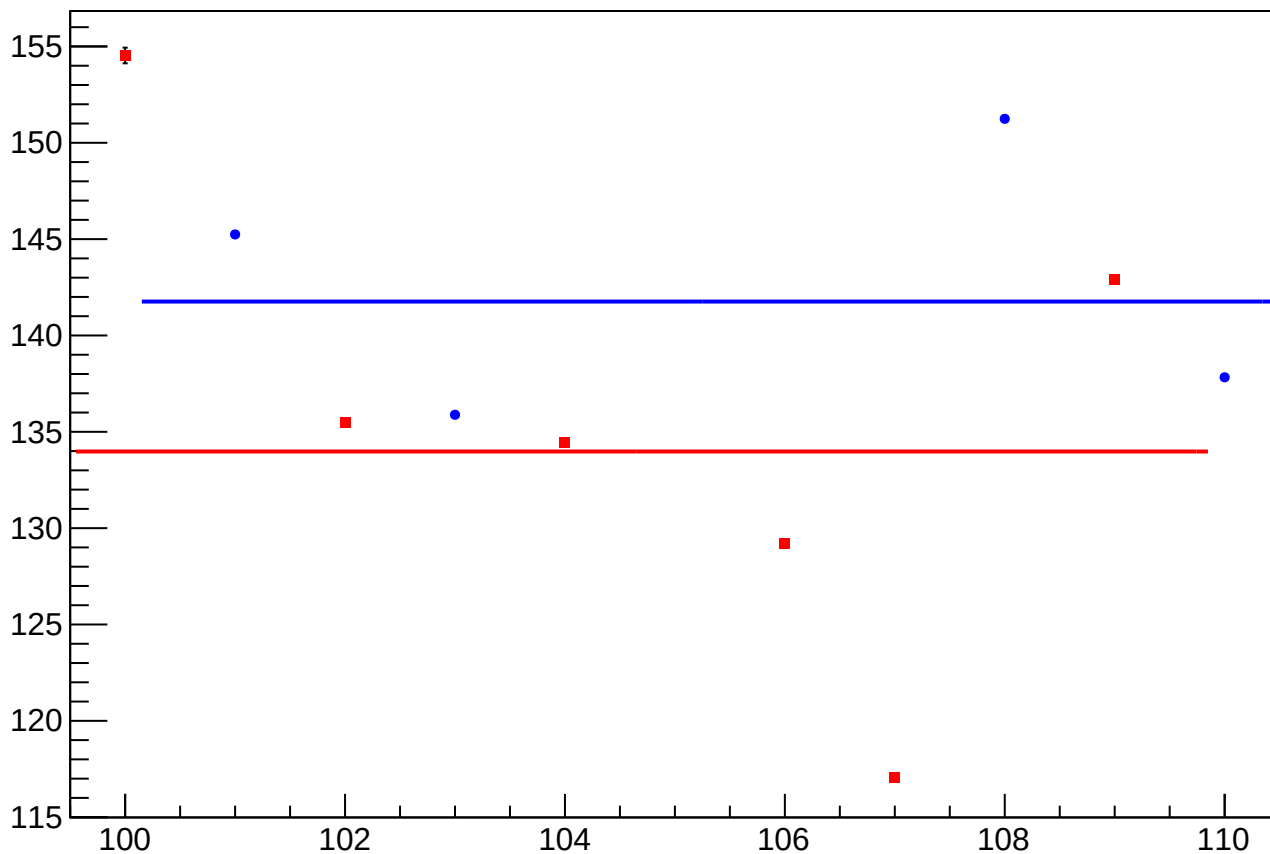
Right: 141.961 $\pm$ 66.594 χ^2 /NDF: 14.8/9

In: 154.513 $\pm$ 99.828 χ^2 /NDF: 2.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 141.961 $\pm$ 66.594 χ^2 /NDF: 14.8/9

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 141.761 $\pm$ 0.071 χ^2 /NDF: 6701.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 133.977 $\pm$ 0.063 χ^2 /NDF: 17609.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

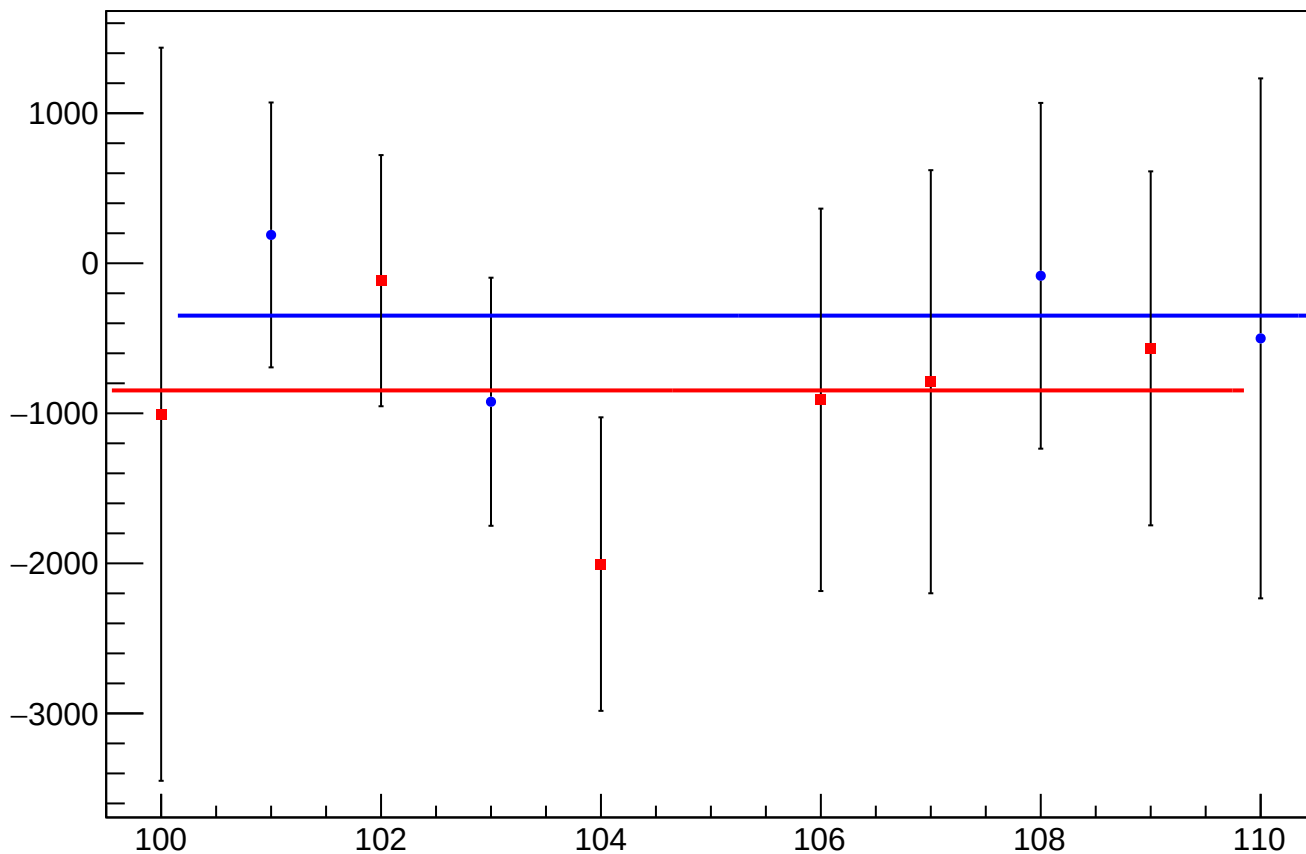
Right: 137.441 $\pm$ 0.047 χ^2 /NDF: 31059.0/9

In: 141.761 $\pm$ 0.071 χ^2 /NDF:6701.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137.441 $\pm$ 0.047 χ^2 /NDF: 31059.0/9

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -348.925+/-510.786 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -847.440+/-472.576 χ^2/NDF : 2.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

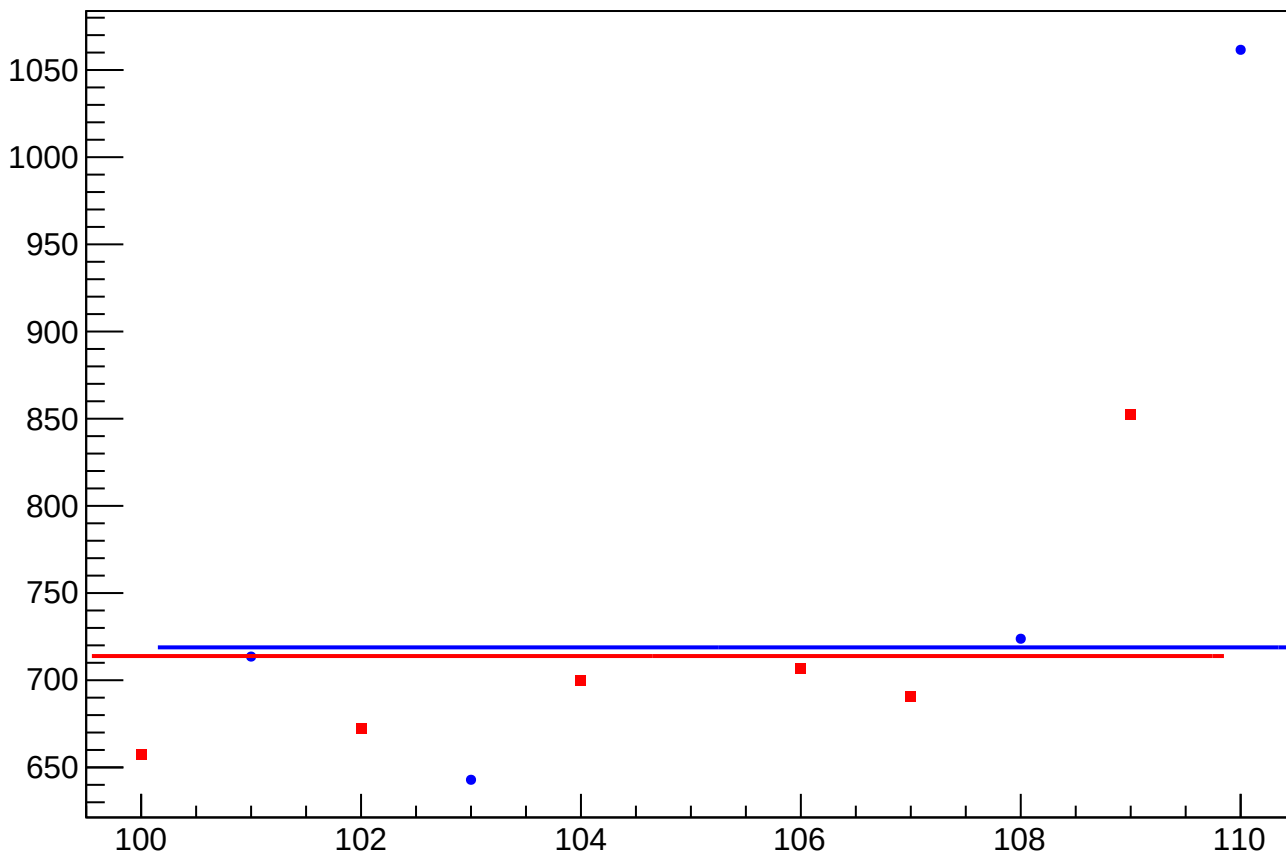
Right: -617.524+/-346.884 χ^2/NDF : 3.7/9

In: -348.925+/-510.786 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -617.524+/-346.884 χ^2/NDF : 3.7/9

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 718.847 $\pm$ 0.361 χ^2 /NDF: 95239.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 713.869 $\pm$ 0.334 χ^2 /NDF: 34622.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

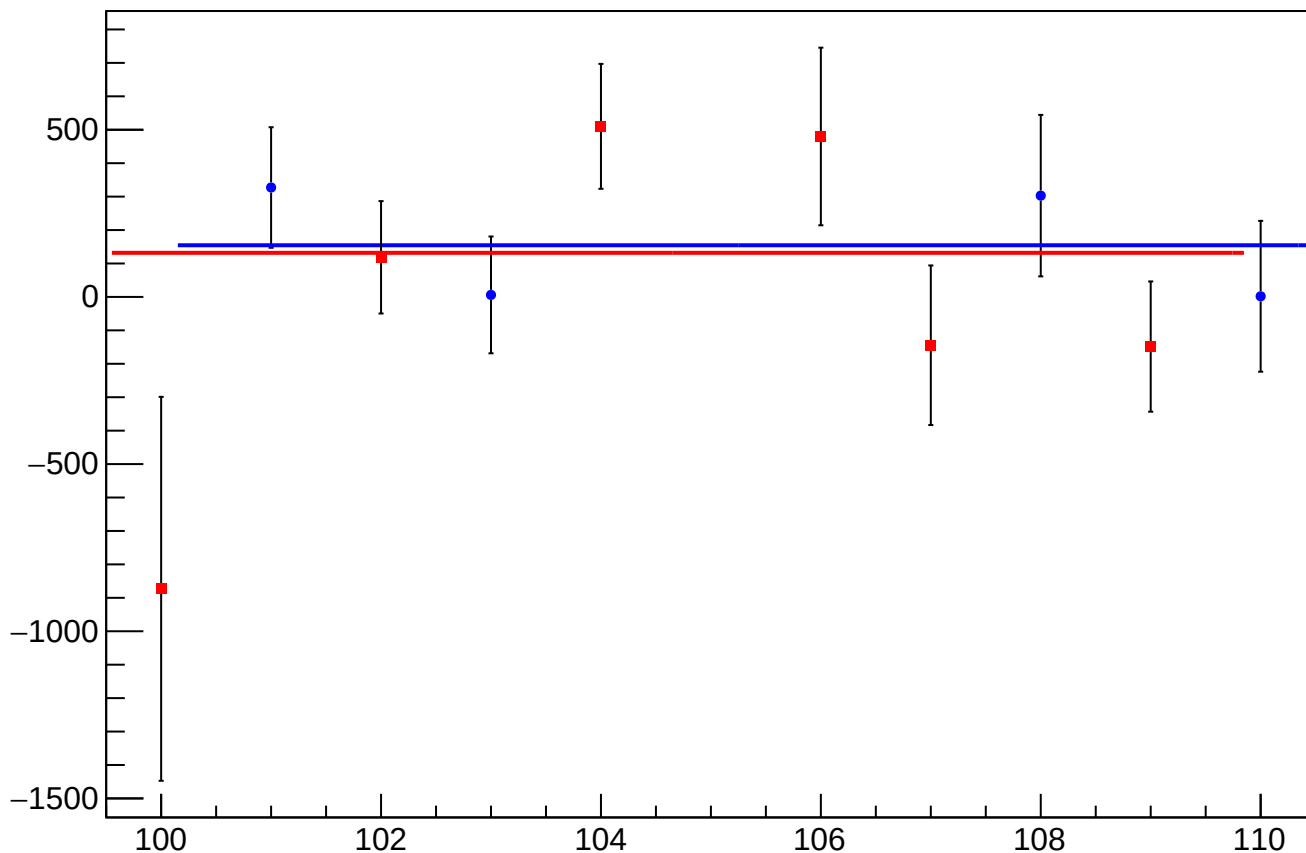
Right: 716.165 $\pm$ 0.245 χ^2 /NDF: 129964.5/9

In: 718.847 $\pm$ 0.361 χ^2 /NDF:95239.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 716.165 $\pm$ 0.245 χ^2 /NDF: 129964.5/9

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 154.513 $\pm$ 99.828 χ^2 /NDF: 2.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131.898 $\pm$ 89.389 χ^2 /NDF: 12.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

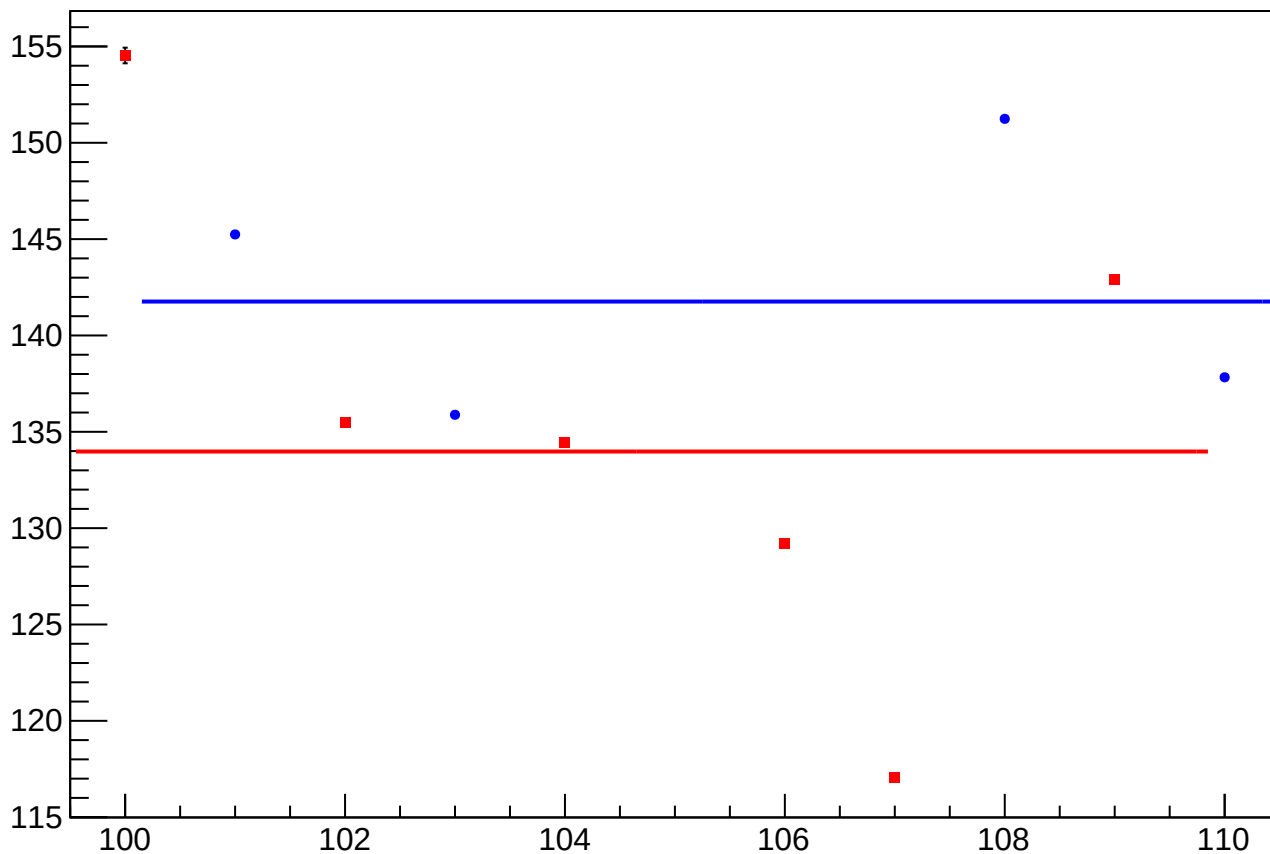
Right: 141.962 $\pm$ 66.594 χ^2 /NDF: 14.8/9

In: 154.513 $\pm$ 99.828 χ^2 /NDF: 2.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 141.962 $\pm$ 66.594 χ^2 /NDF: 14.8/9

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 141.761+/-0.071 χ^2/NDF : 6701.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.977+/-0.063 χ^2/NDF : 17609.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

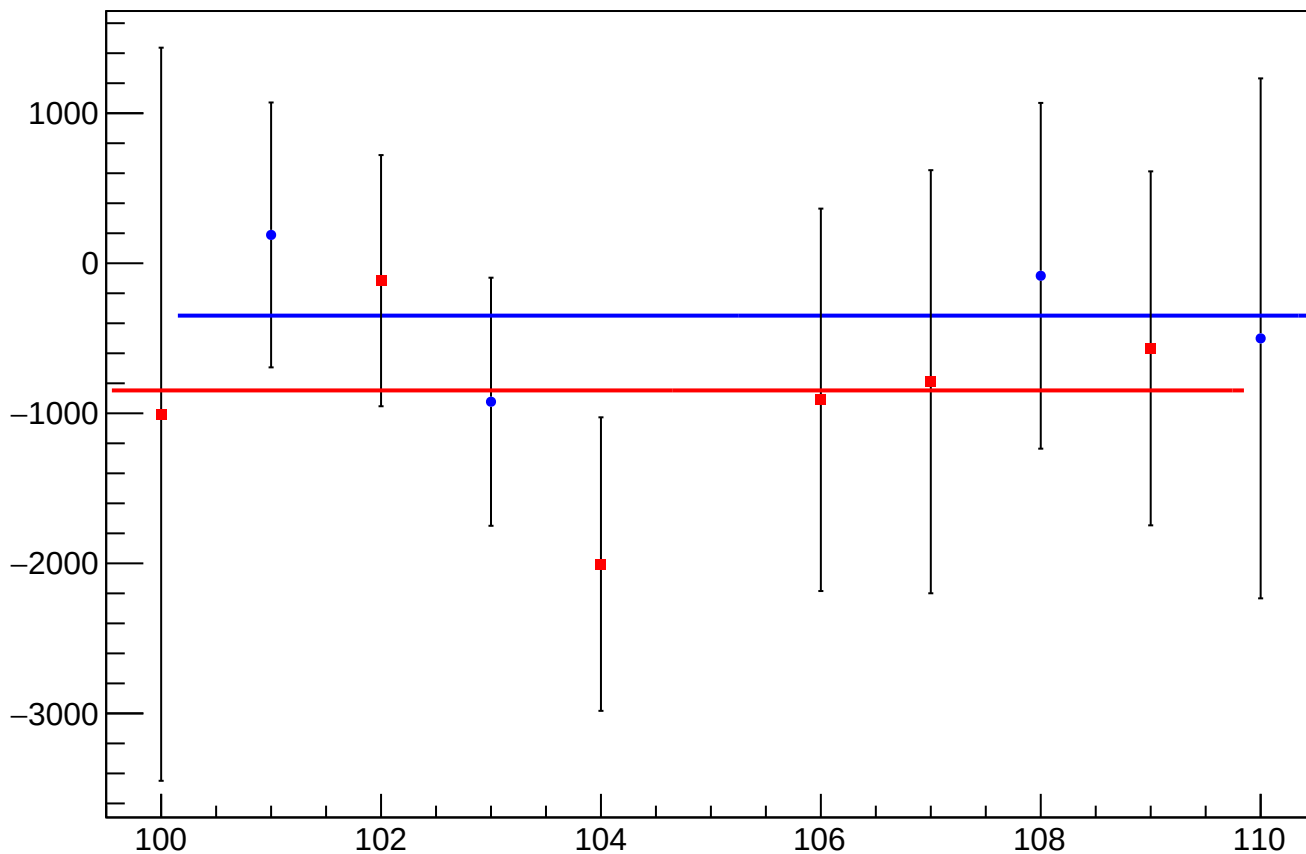
Right: 137.441+/-0.047 χ^2/NDF : 31058.8/9

In: 141.761+/-0.071 χ^2/NDF : 6701.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.441+/-0.047 χ^2/NDF : 31058.8/9

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -348.924+/-510.786 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -847.439+/-472.575 χ^2/NDF : 2.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

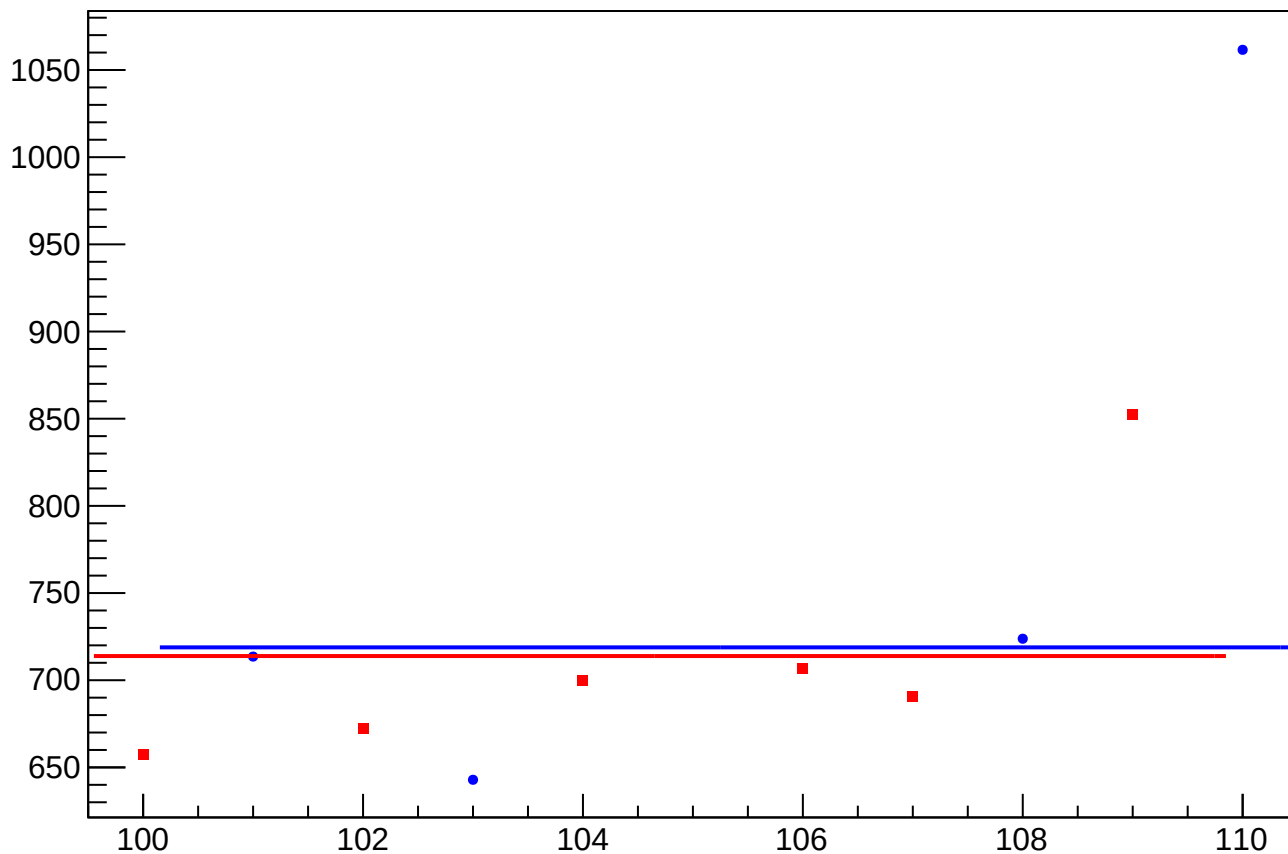
Right: -617.523+/-346.884 χ^2/NDF : 3.7/9

In: -348.924+/-510.786 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -617.523+/-346.884 χ^2/NDF : 3.7/9

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 718.846+/-0.361 χ^2/NDF : 95239.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 713.868+/-0.334 χ^2/NDF : 34622.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

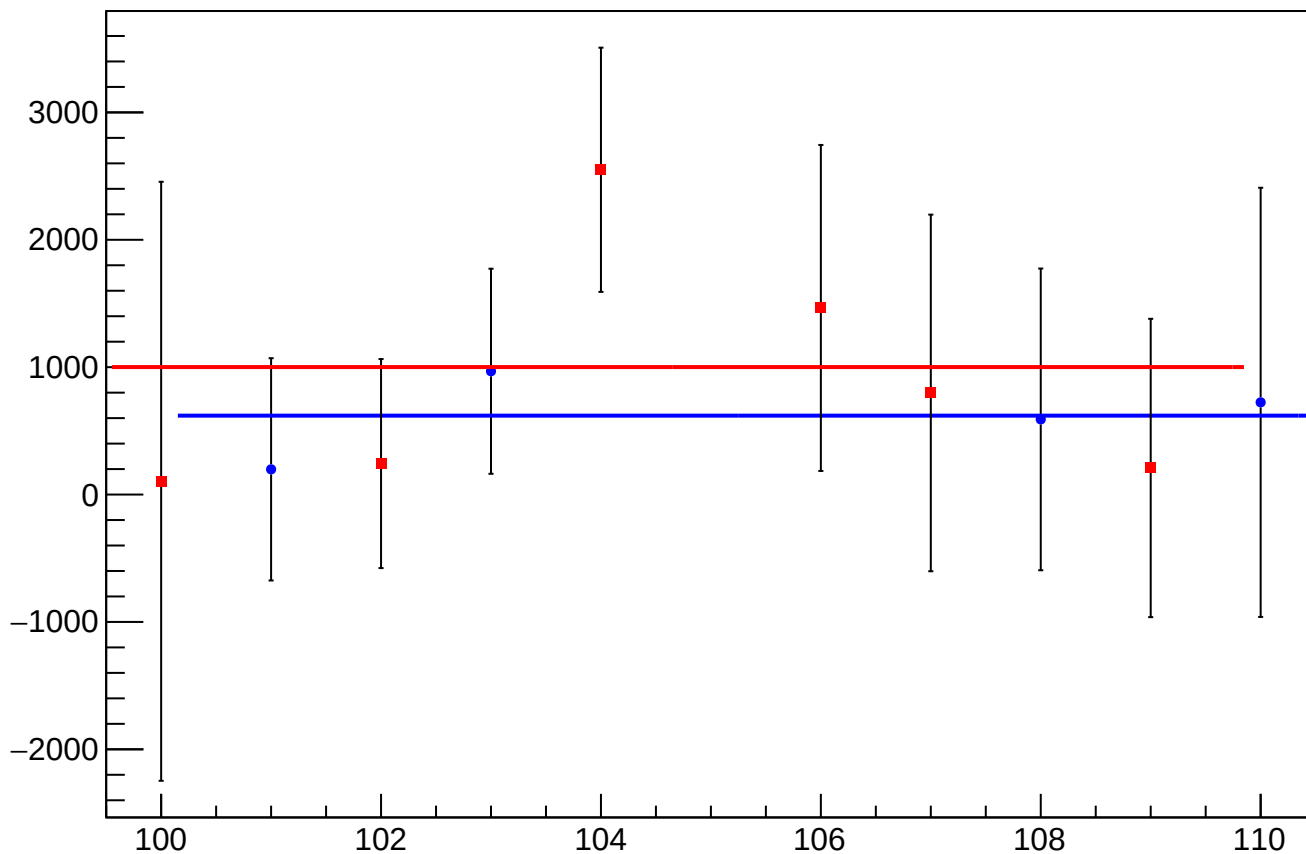
Right: 716.164+/-0.245 χ^2/NDF : 129964.5/9

In: 718.846+/-0.361 χ^2/NDF : 95239.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.164+/-0.245 χ^2/NDF : 129964.5/9

asym_sam1_mean vs Slug, Sign Corrected



Right In: 619.472 $\pm$ 504.954 χ^2 /NDF: 0.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1000.878 $\pm$ 466.024 χ^2 /NDF: 4.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

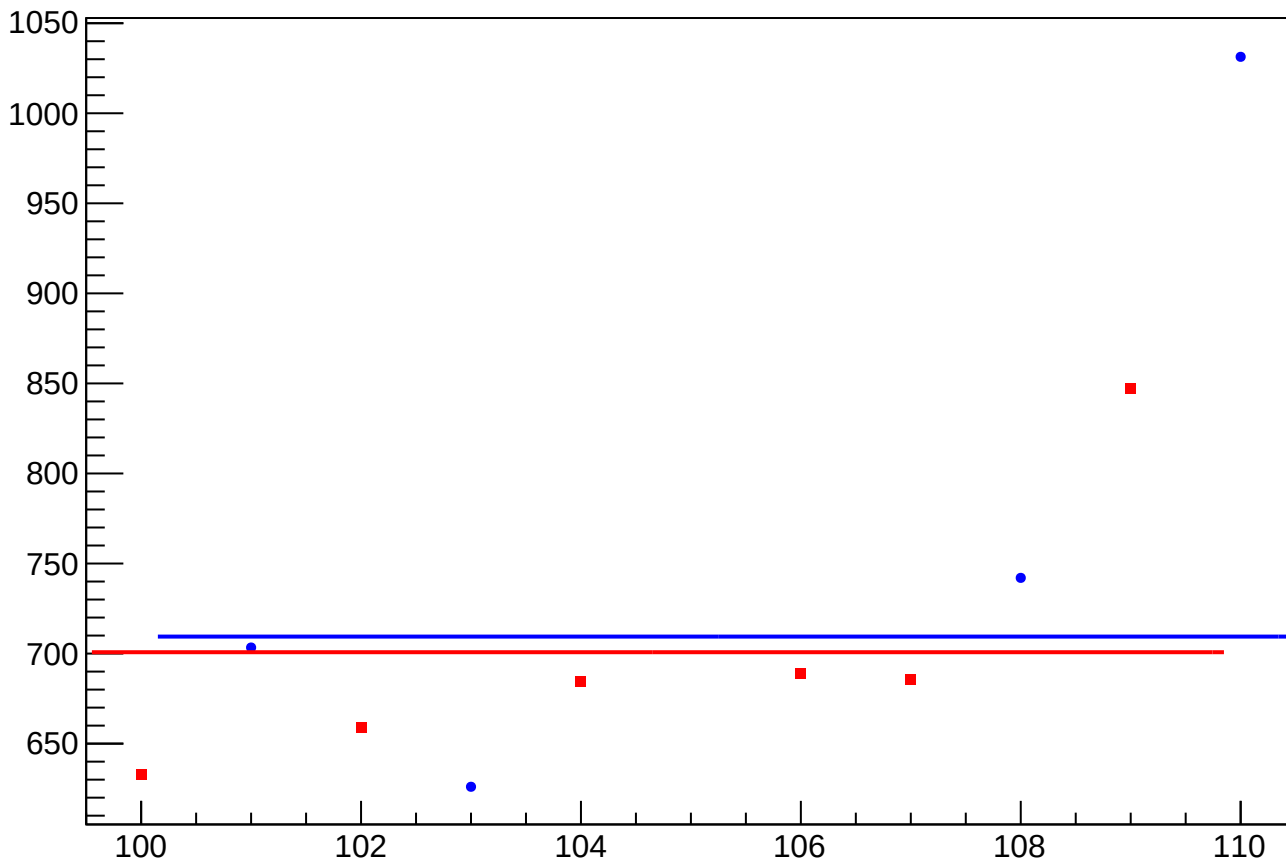
Right: 825.442 $\pm$ 342.466 χ^2 /NDF: 5.0/9

In: 619.472 $\pm$ 504.954 χ^2 /NDF:0.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 825.442 $\pm$ 342.466 χ^2 /NDF: 5.0/9

asym_sam1_rms vs Slug, Sign Corrected



Right In: 709.434+/-0.357 χ^2/NDF : 96098.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 700.757+/-0.330 χ^2/NDF : 39230.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

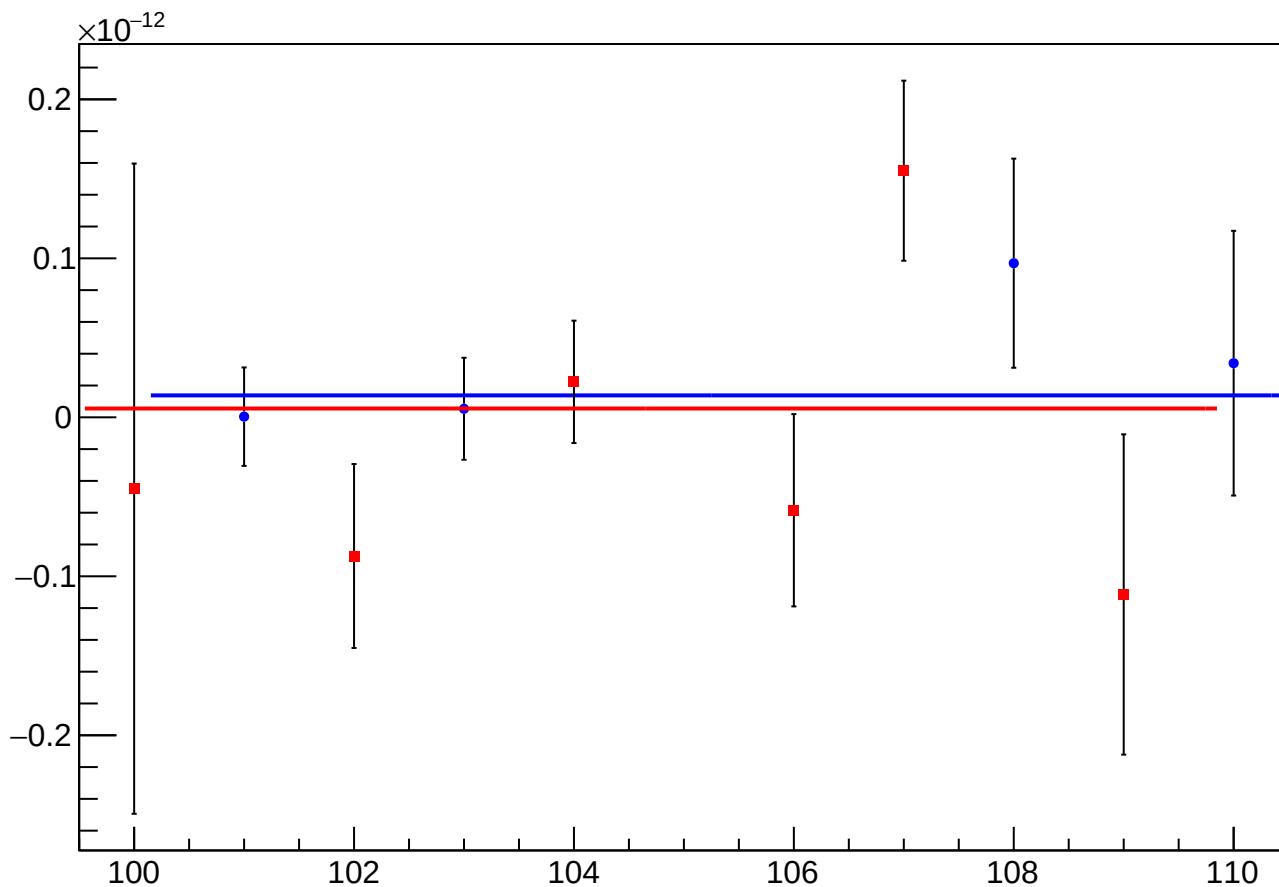
Right: 704.749+/-0.242 χ^2/NDF : 135648.6/9

In: 709.434+/-0.357 χ^2/NDF : 96098.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 704.749+/-0.242 χ^2/NDF : 135648.6/9

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

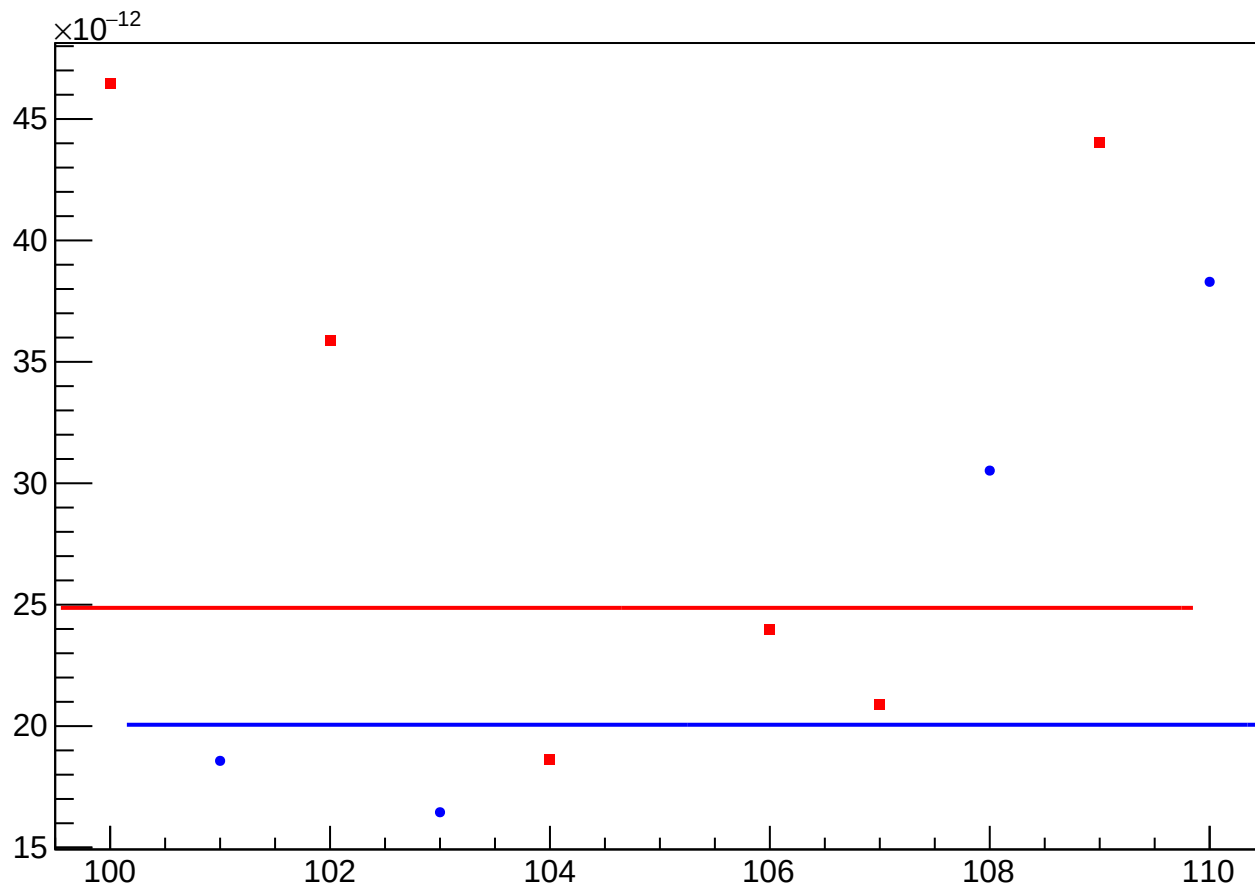
Right: 0.000+/-0.000 χ^2/NDF : 14.2/9

In: 0.000+/-0.000 χ^2/NDF : 1.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.2/9

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 176472.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 230554.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

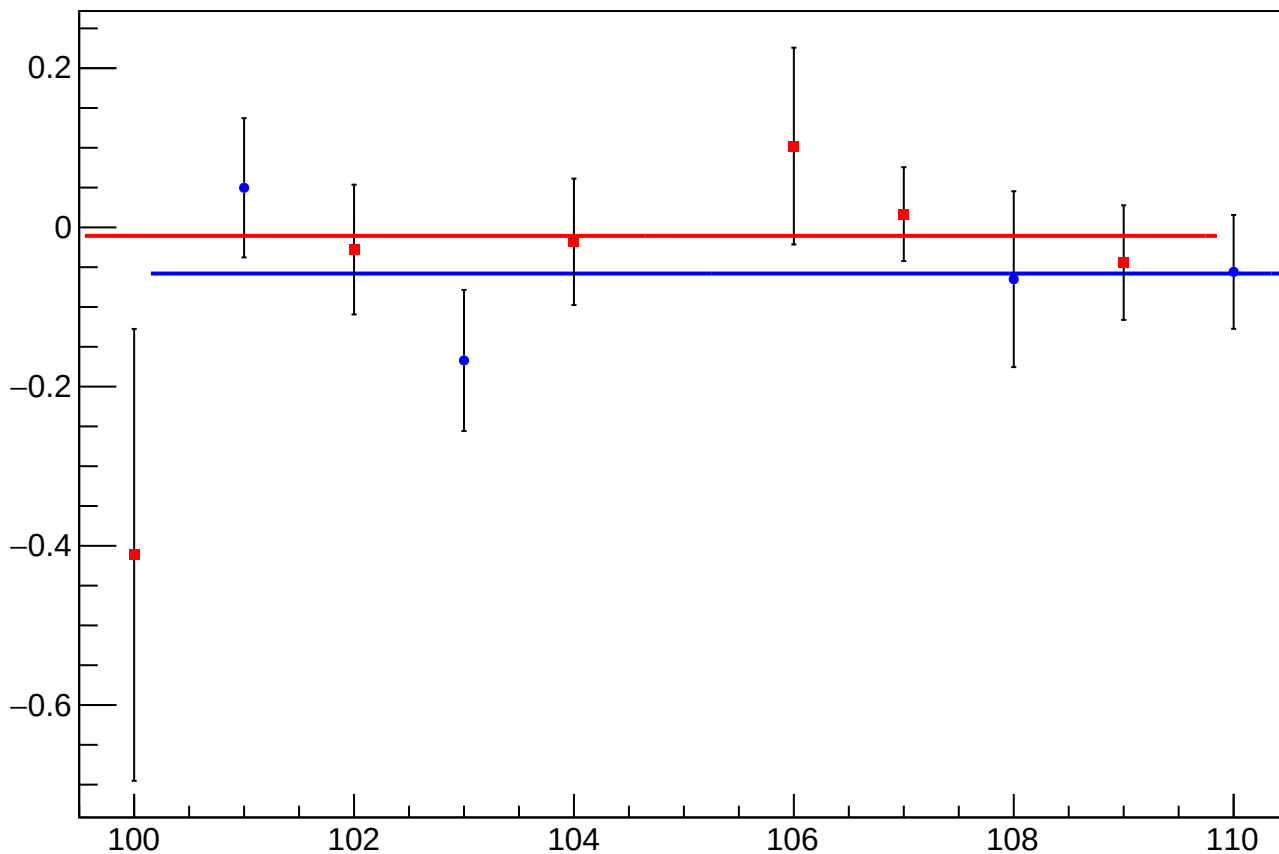
Right: 0.000+/-0.000 χ^2/NDF : 452772.6/9

In: 0.000+/-0.000 χ^2/NDF : 176472.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 452772.6/9

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.043 χ^2/NDF : 3.0/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.034 χ^2/NDF : 3.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

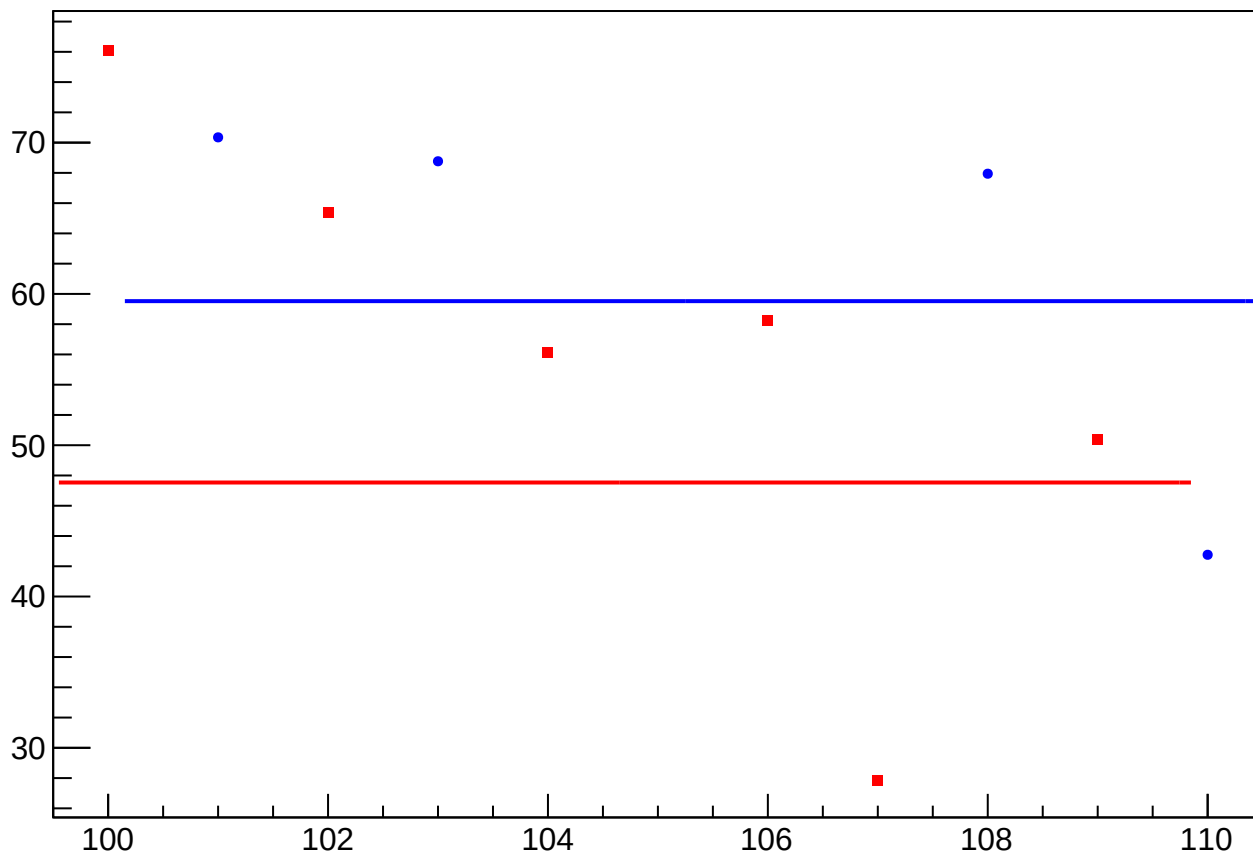
Right: -0.029 ± 0.027 χ^2/NDF : 7.1/9

In: -0.058 ± 0.043 χ^2/NDF : 3.0/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.027 χ^2/NDF : 7.1/9

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.523+/-0.031 χ^2/NDF : 174061.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.535+/-0.024 χ^2/NDF : 380181.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

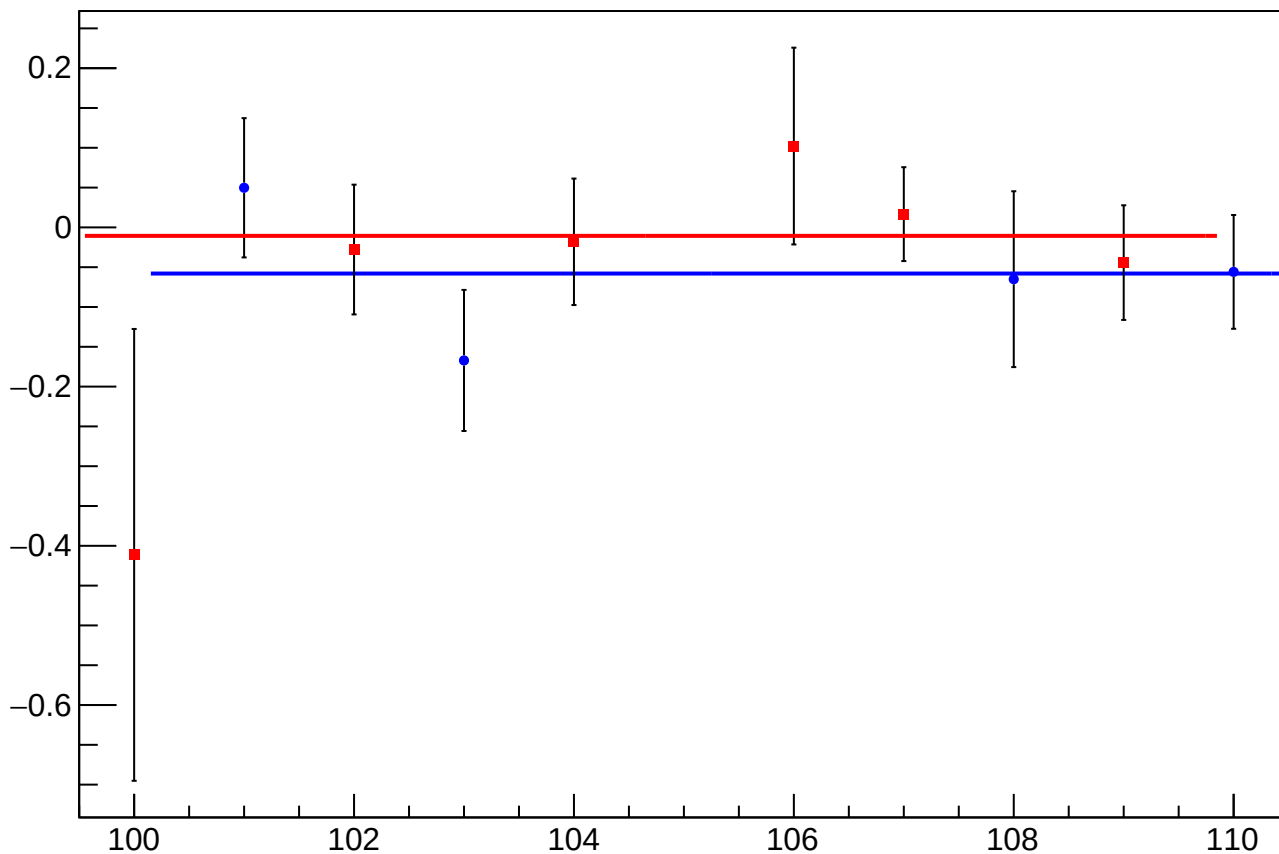
Right: 52.112+/-0.019 χ^2/NDF : 649427.0/9

In: 59.523+/-0.031 χ^2/NDF : 174061.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.112+/-0.019 χ^2/NDF : 649427.0/9

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.043 χ^2/NDF : 3.0/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.034 χ^2/NDF : 3.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

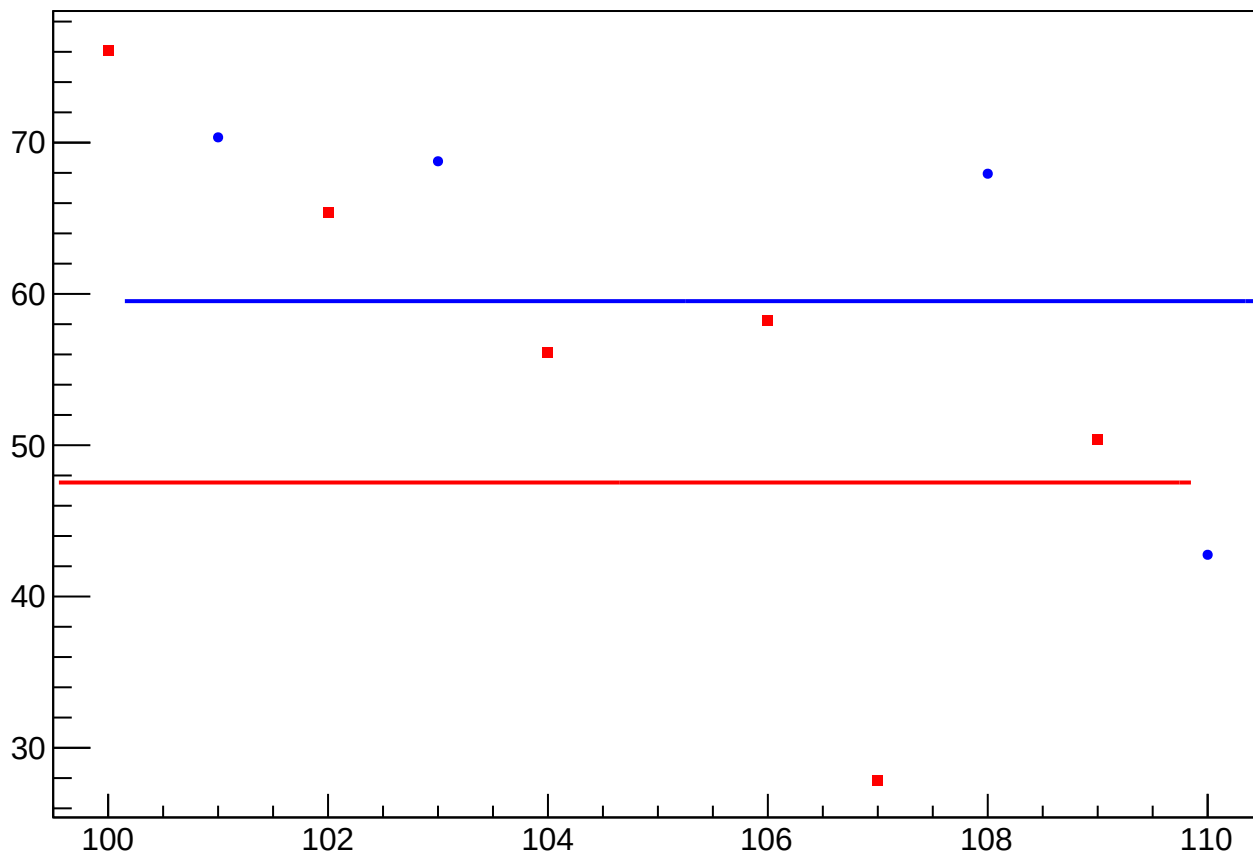
Right: -0.029 ± 0.027 χ^2/NDF : 7.1/9

In: -0.058 ± 0.043 χ^2/NDF : 3.0/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.027 χ^2/NDF : 7.1/9

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.523+/-0.031 χ^2 /NDF: 174061.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 47.535+/-0.024 χ^2 /NDF: 380181.4/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

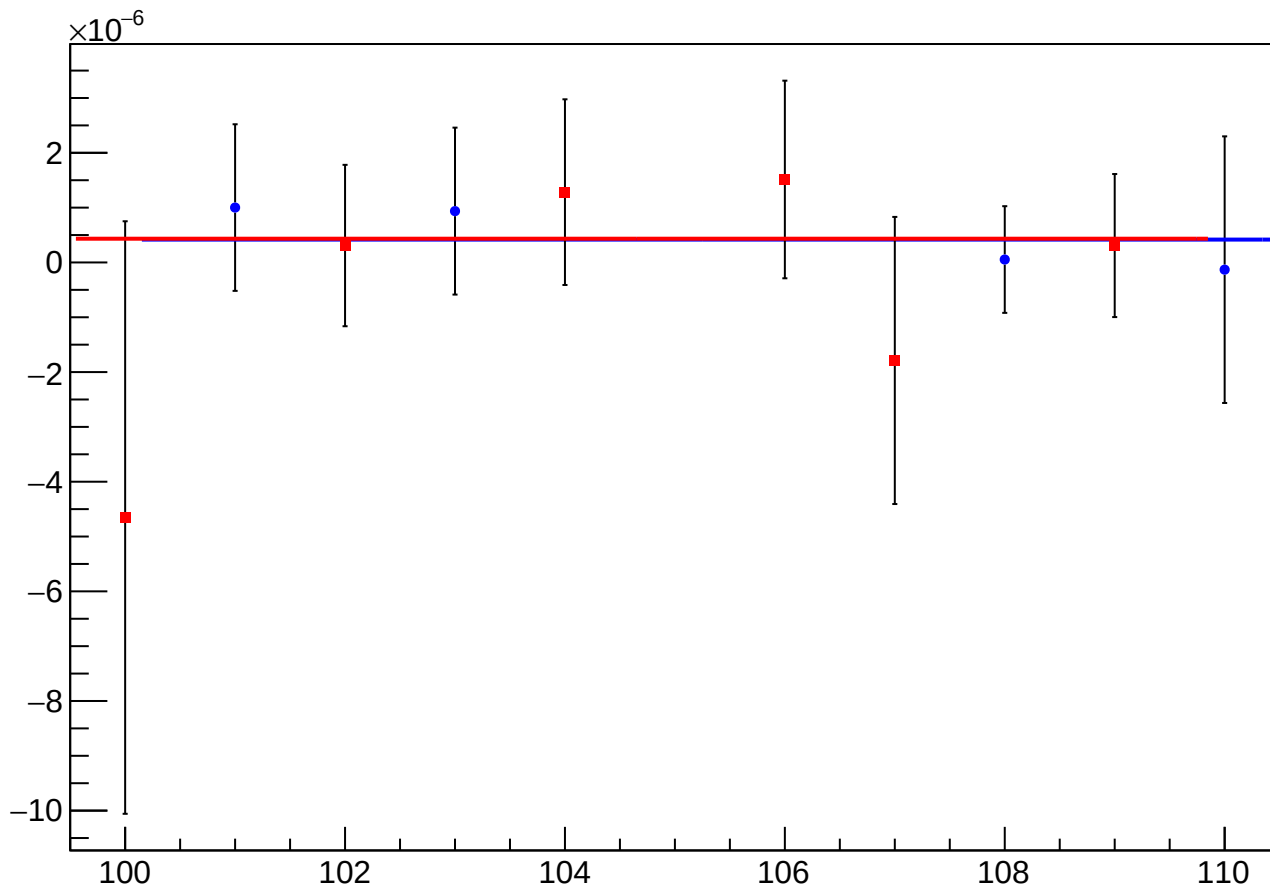
Right: 52.112+/-0.019 χ^2 /NDF: 649427.0/9

In: 59.523+/-0.031 χ^2 /NDF:174061.2/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 52.112+/-0.019 χ^2 /NDF: 649427.0/9

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

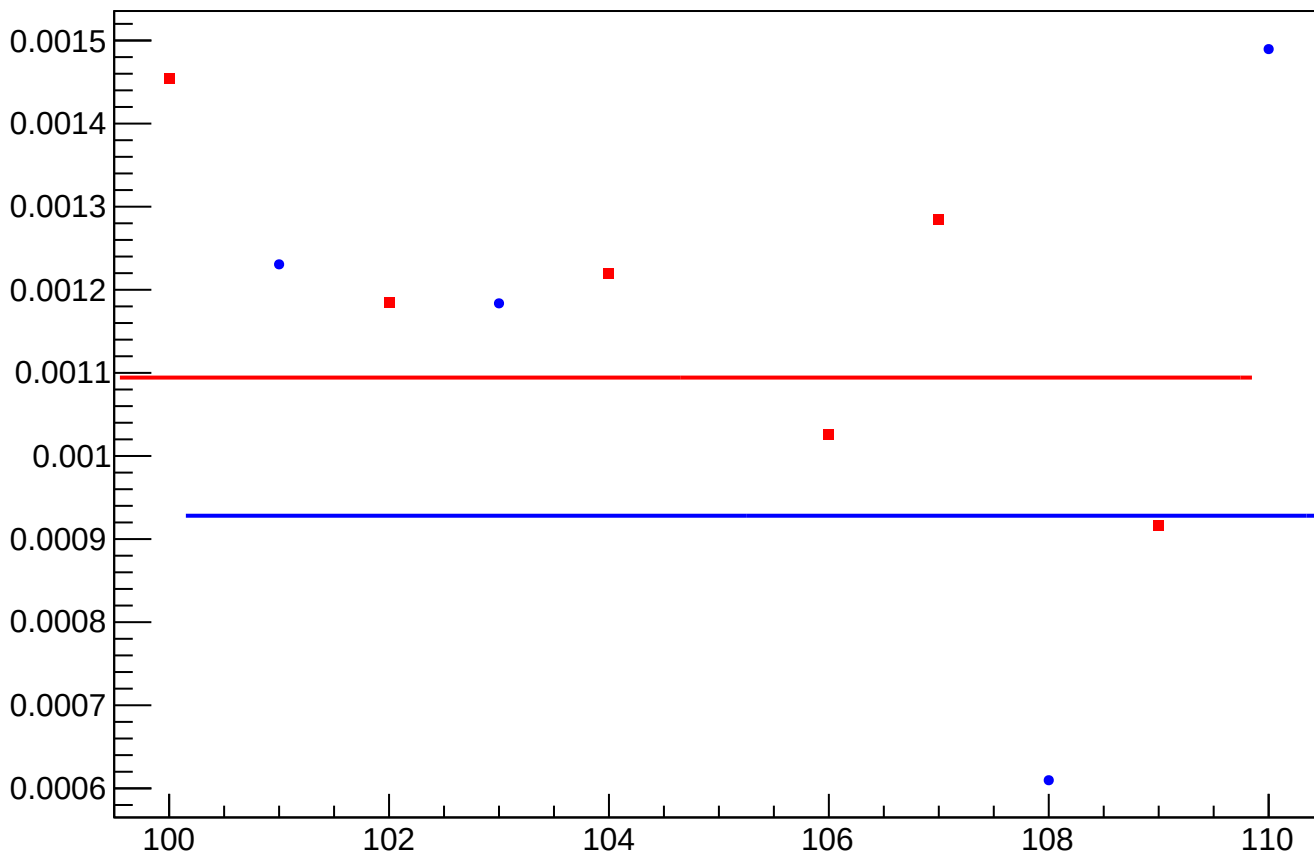
Right: 0.000+/-0.000 χ^2/NDF : 2.7/9

In: 0.000+/-0.000 χ^2/NDF : 0.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.7/9

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 456250.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 77790.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

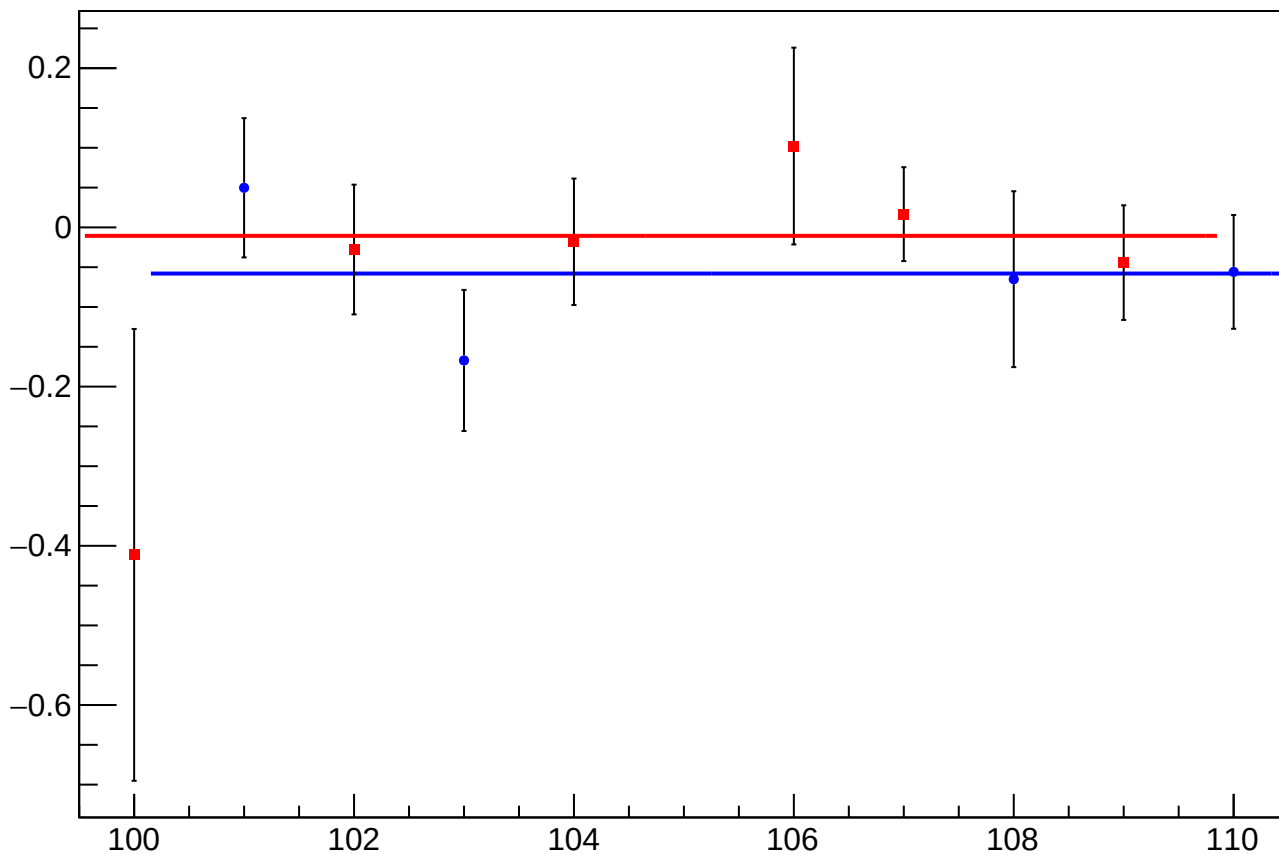
Right: 0.001+/-0.000 χ^2/NDF : 588826.9/9

In: 0.001+/-0.000 χ^2/NDF : 456250.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 588826.9/9

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.043 χ^2/NDF : 3.0/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.034 χ^2/NDF : 3.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

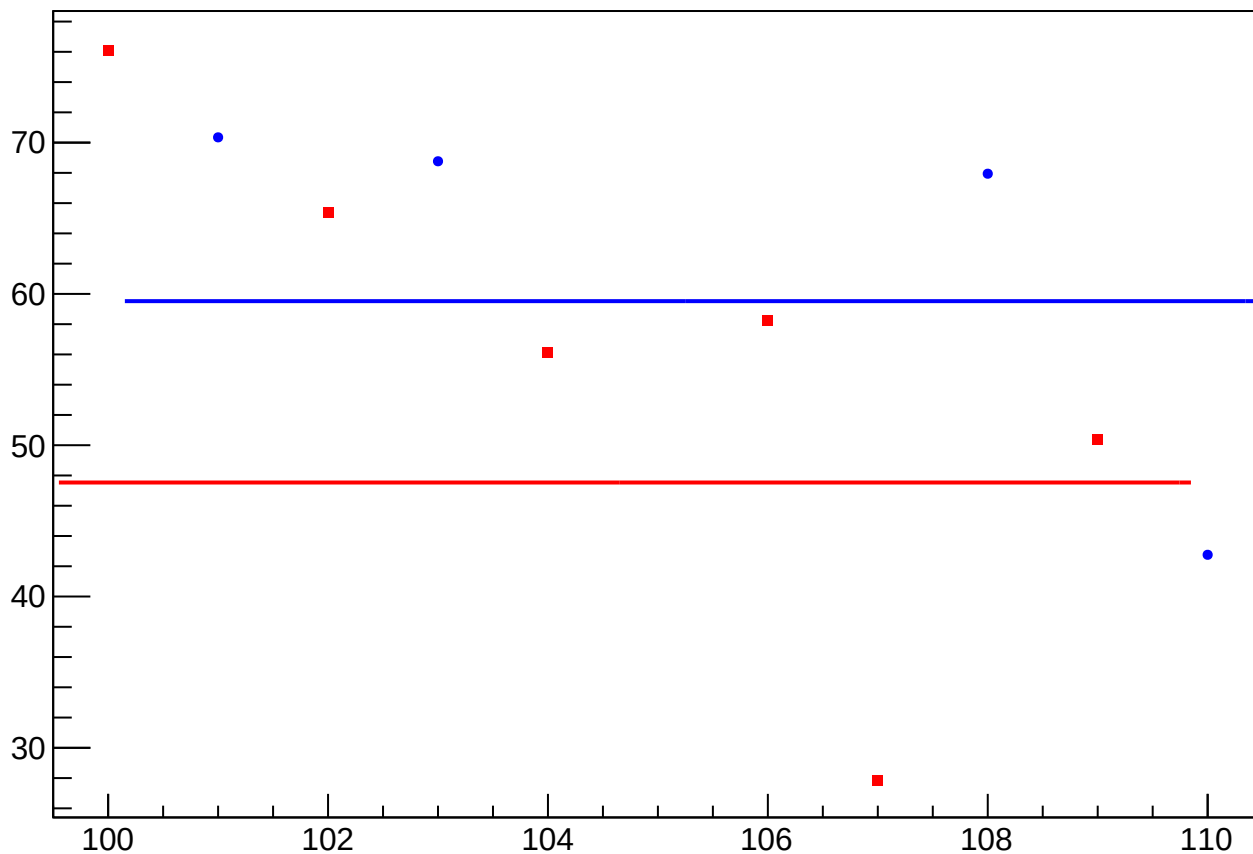
Right: -0.029 ± 0.027 χ^2/NDF : 7.1/9

In: -0.058 ± 0.043 χ^2/NDF : 3.0/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.027 χ^2/NDF : 7.1/9

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.522+/-0.031 χ^2 /NDF: 174073.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 47.535+/-0.024 χ^2 /NDF: 380183.7/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

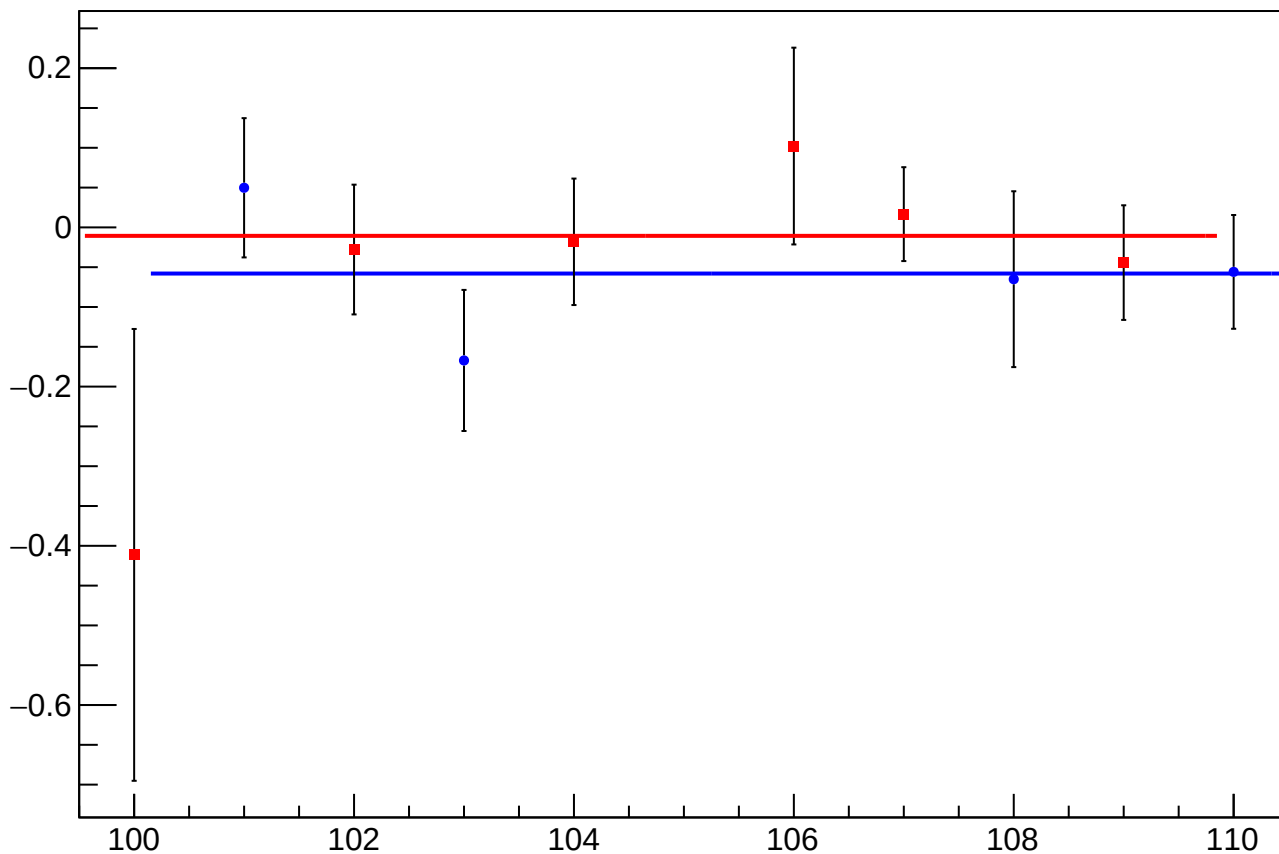
Right: 52.112+/-0.019 χ^2 /NDF: 649438.4/9

In: 59.522+/-0.031 χ^2 /NDF:174073.2/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 52.112+/-0.019 χ^2 /NDF: 649438.4/9

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.043 χ^2/NDF : 3.0/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.034 χ^2/NDF : 3.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

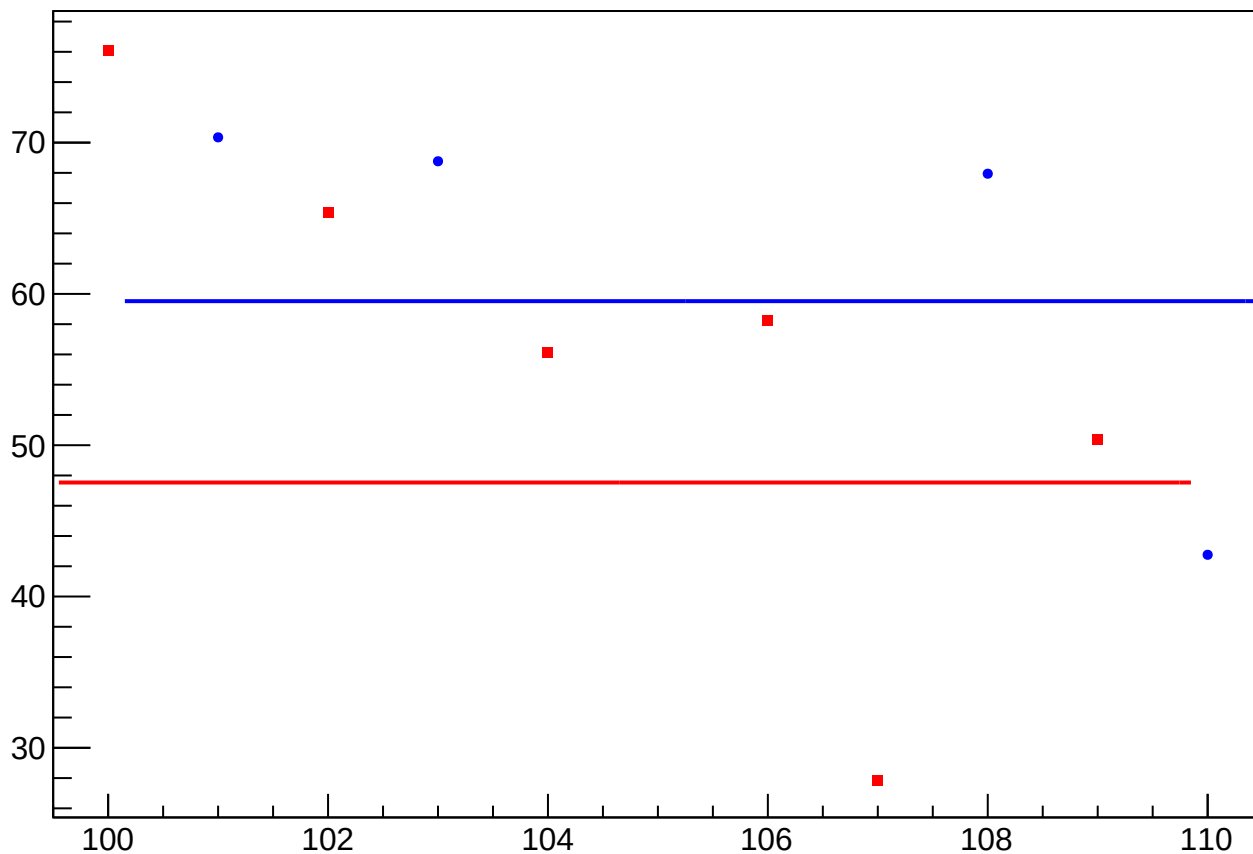
Right: -0.029 ± 0.027 χ^2/NDF : 7.1/9

In: -0.058 ± 0.043 χ^2/NDF : 3.0/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.027 χ^2/NDF : 7.1/9

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.522 $\pm$ 0.031 χ^2 /NDF: 174073.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.535 $\pm$ 0.024 χ^2 /NDF: 380183.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

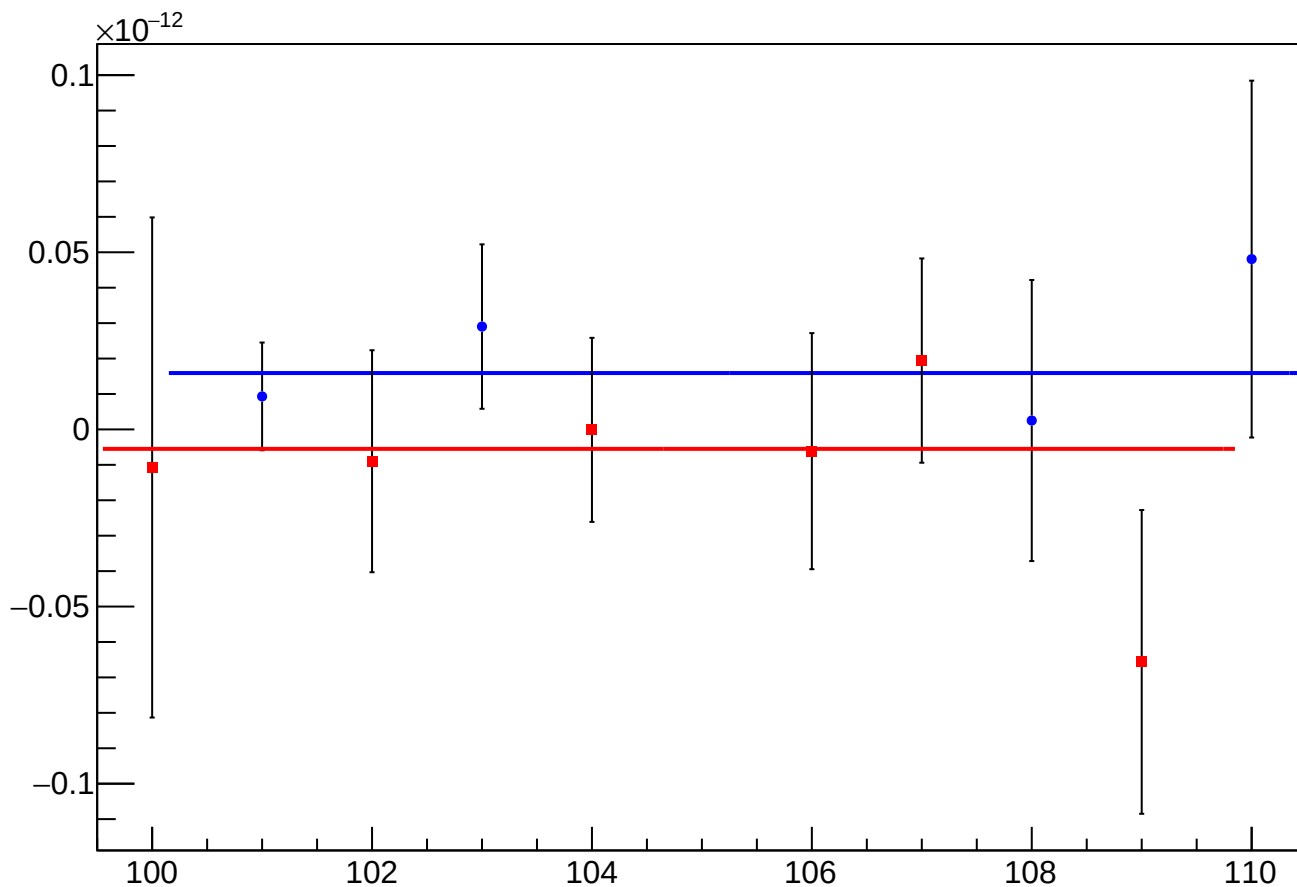
Right: 52.112 $\pm$ 0.019 χ^2 /NDF: 649438.4/9

In: 59.522 $\pm$ 0.031 χ^2 /NDF:174073.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.112 $\pm$ 0.019 χ^2 /NDF: 649438.4/9

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

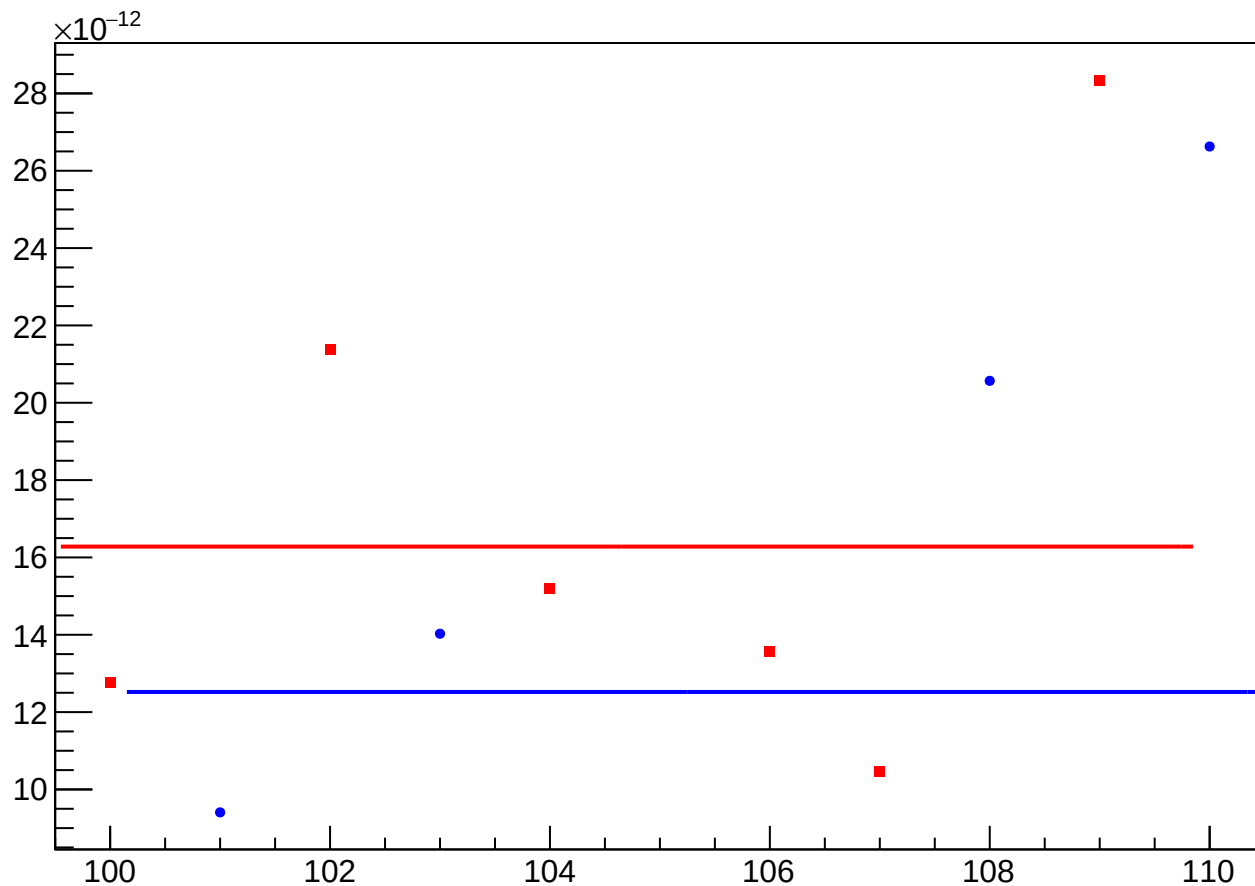
Right: 0.000+/-0.000 χ^2/NDF : 5.2/9

In: 0.000+/-0.000 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.2/9

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 331540.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 313677.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

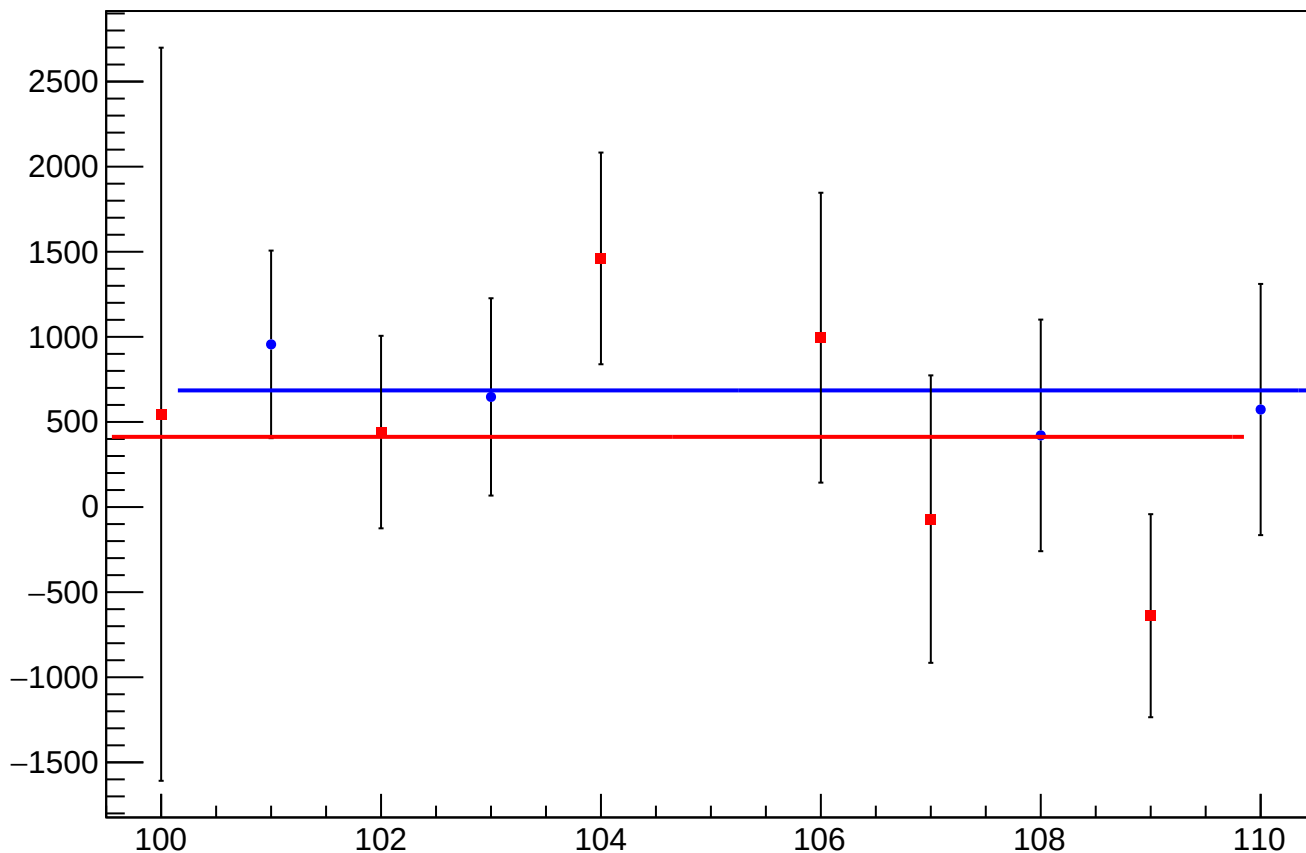
Right: 0.000+/-0.000 χ^2/NDF : 732037.3/9

In: 0.000+/-0.000 χ^2/NDF : 331540.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 732037.3/9

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 685.331+/-312.109 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 412.458+/-294.647 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

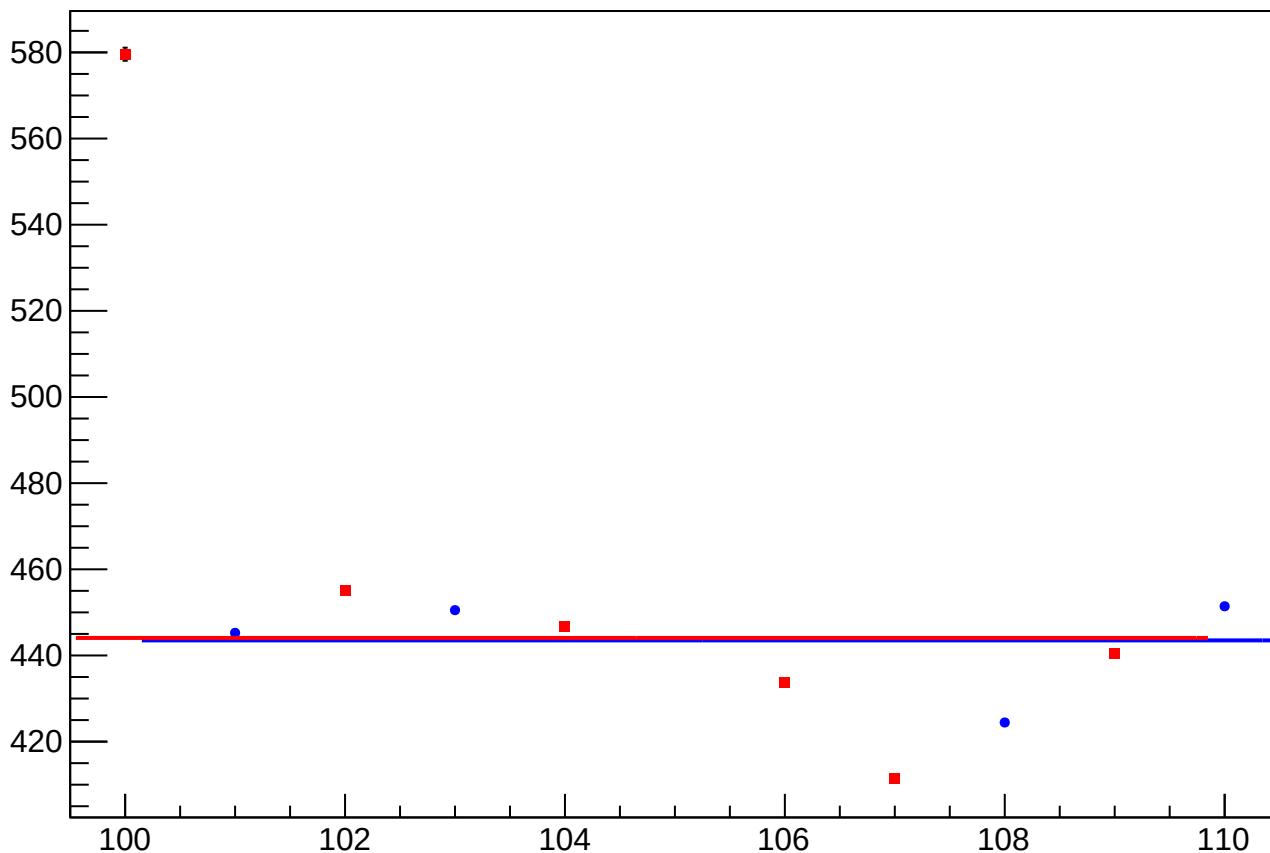
Right: 541.048+/-214.254 χ^2/NDF : 7.6/9

In: 685.331+/-312.109 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.048+/-214.254 χ^2/NDF : 7.6/9

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 443.501+/-0.221 χ^2/NDF : 2113.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.070+/-0.208 χ^2/NDF : 12034.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

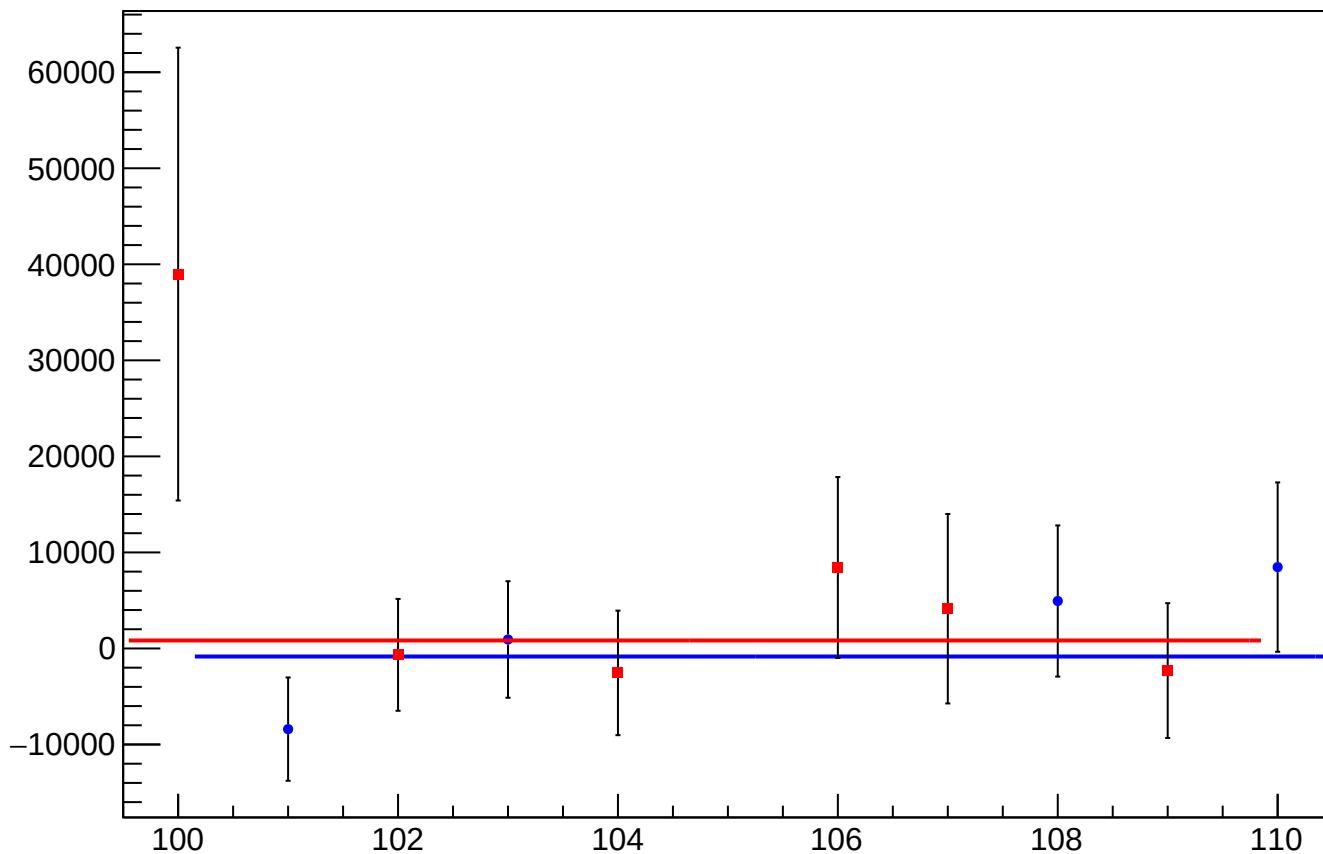
Right: 443.802+/-0.152 χ^2/NDF : 14152.0/9

In: 443.501+/-0.221 χ^2/NDF : 2113.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.802+/-0.152 χ^2/NDF : 14152.0/9

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -839.060+/-3319.900 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 831.343+/-3211.843 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

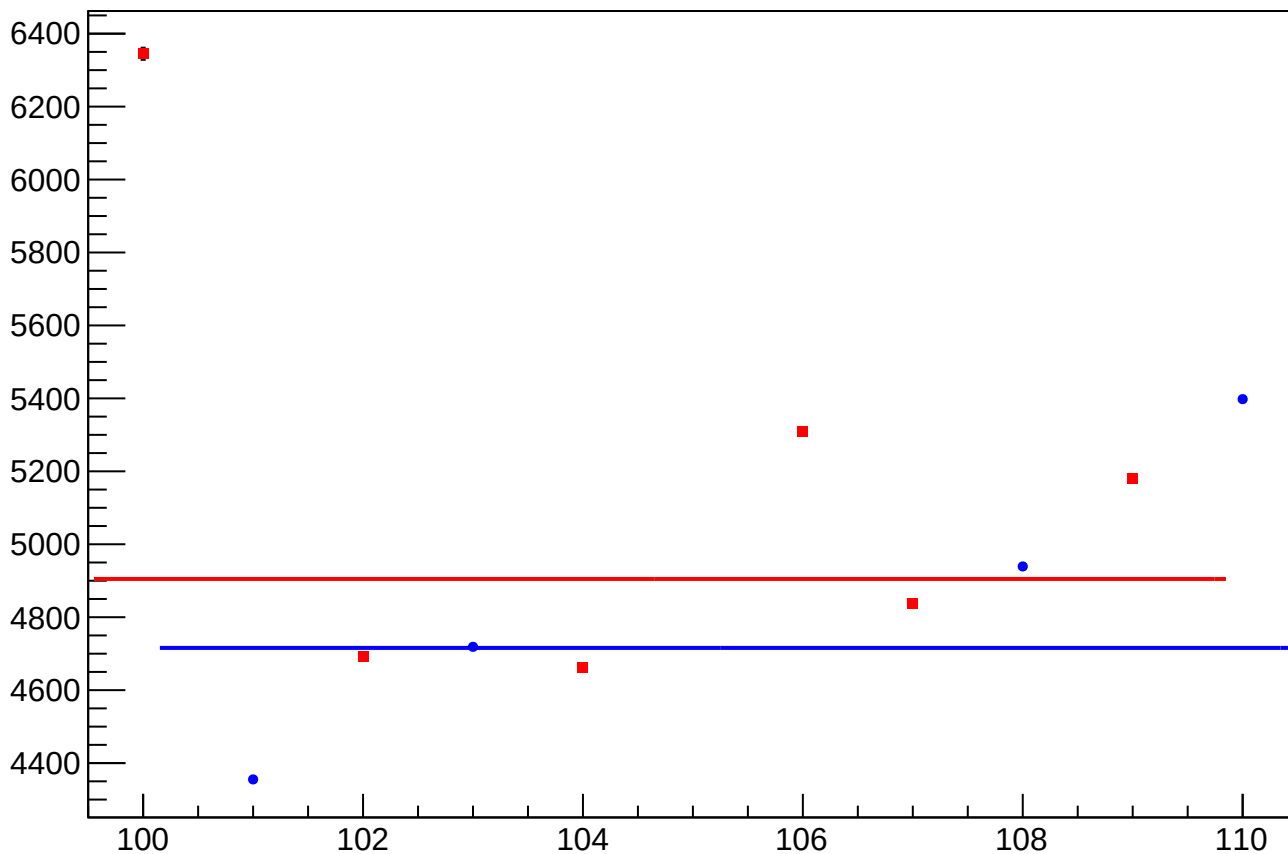
Right: 23.768+/-2308.372 χ^2/NDF : 7.8/9

In: -839.060+/-3319.900 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.768+/-2308.372 χ^2/NDF : 7.8/9

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4715.866+/-2.348 χ^2/NDF : 22565.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4904.883+/-2.271 χ^2/NDF : 19832.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

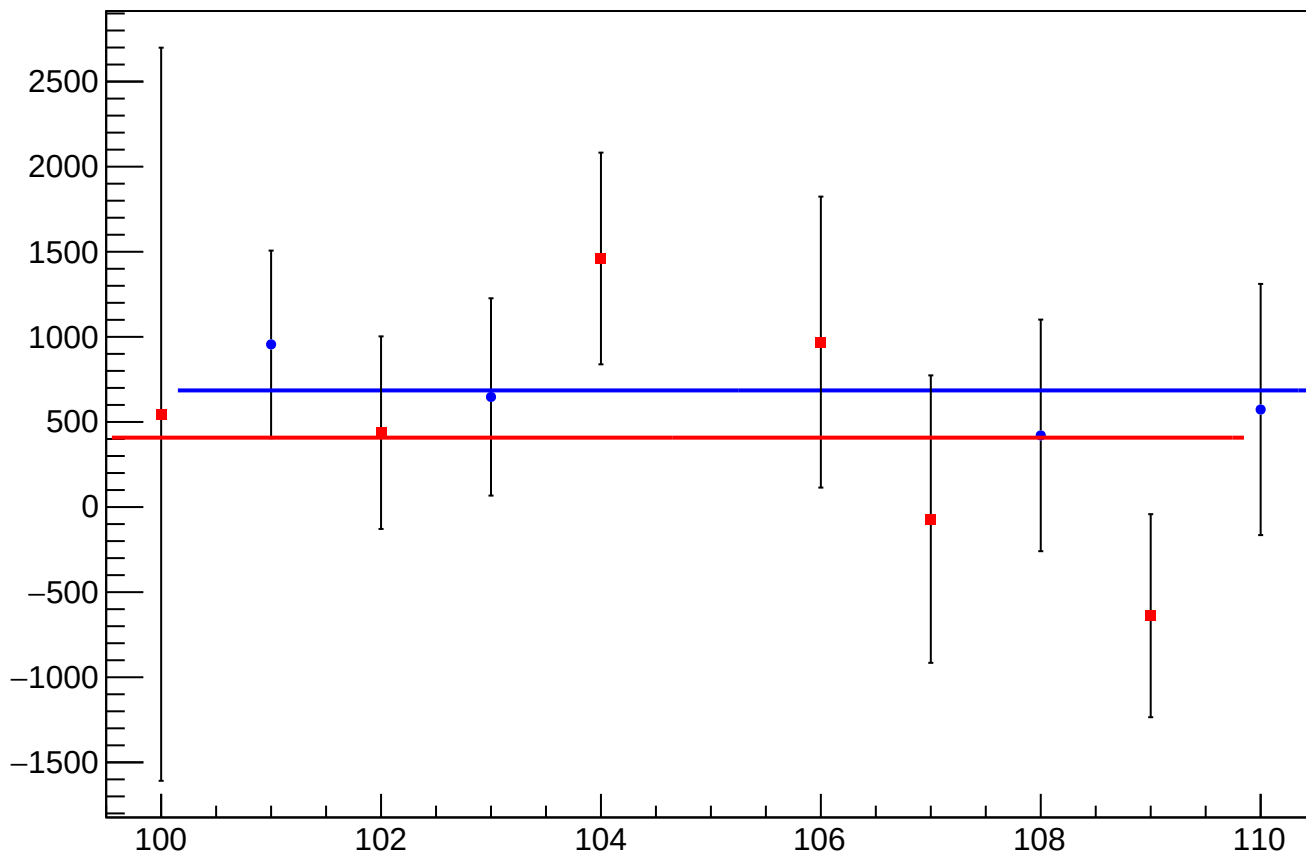
Right: 4813.501+/-1.632 χ^2/NDF : 45745.9/9

In: 4715.866+/-2.348 χ^2/NDF : 22565.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4813.501+/-1.632 χ^2/NDF : 45745.9/9

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 685.312 $\pm$ 312.109 χ^2 /NDF: 0.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 407.828 $\pm$ 294.813 χ^2 /NDF: 6.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

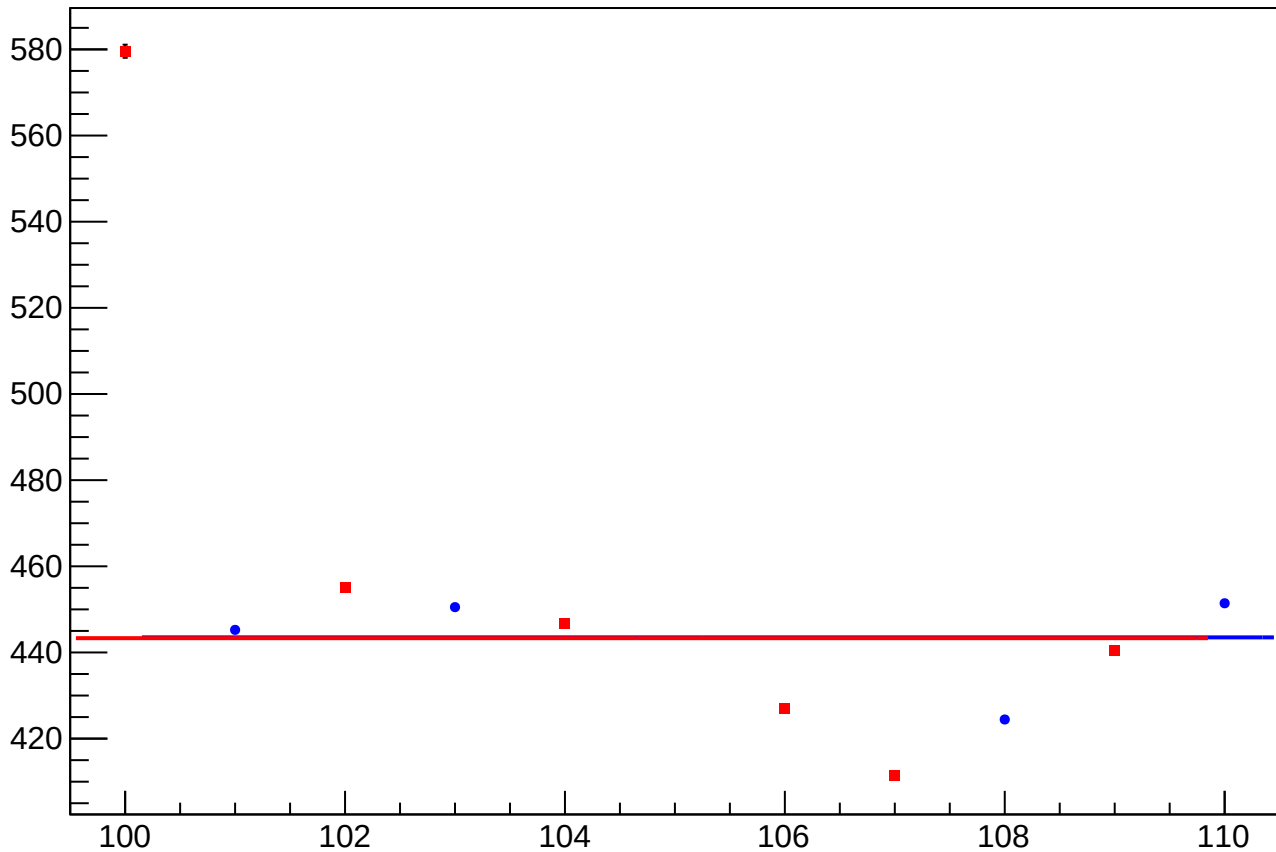
Right: 538.669 $\pm$ 214.318 χ^2 /NDF: 7.5/9

In: 685.312 $\pm$ 312.109 χ^2 /NDF:0.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 538.669 $\pm$ 214.318 χ^2 /NDF: 7.5/9

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 443.501+/-0.221 χ^2/NDF : 2113.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.318+/-0.208 χ^2/NDF : 12556.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

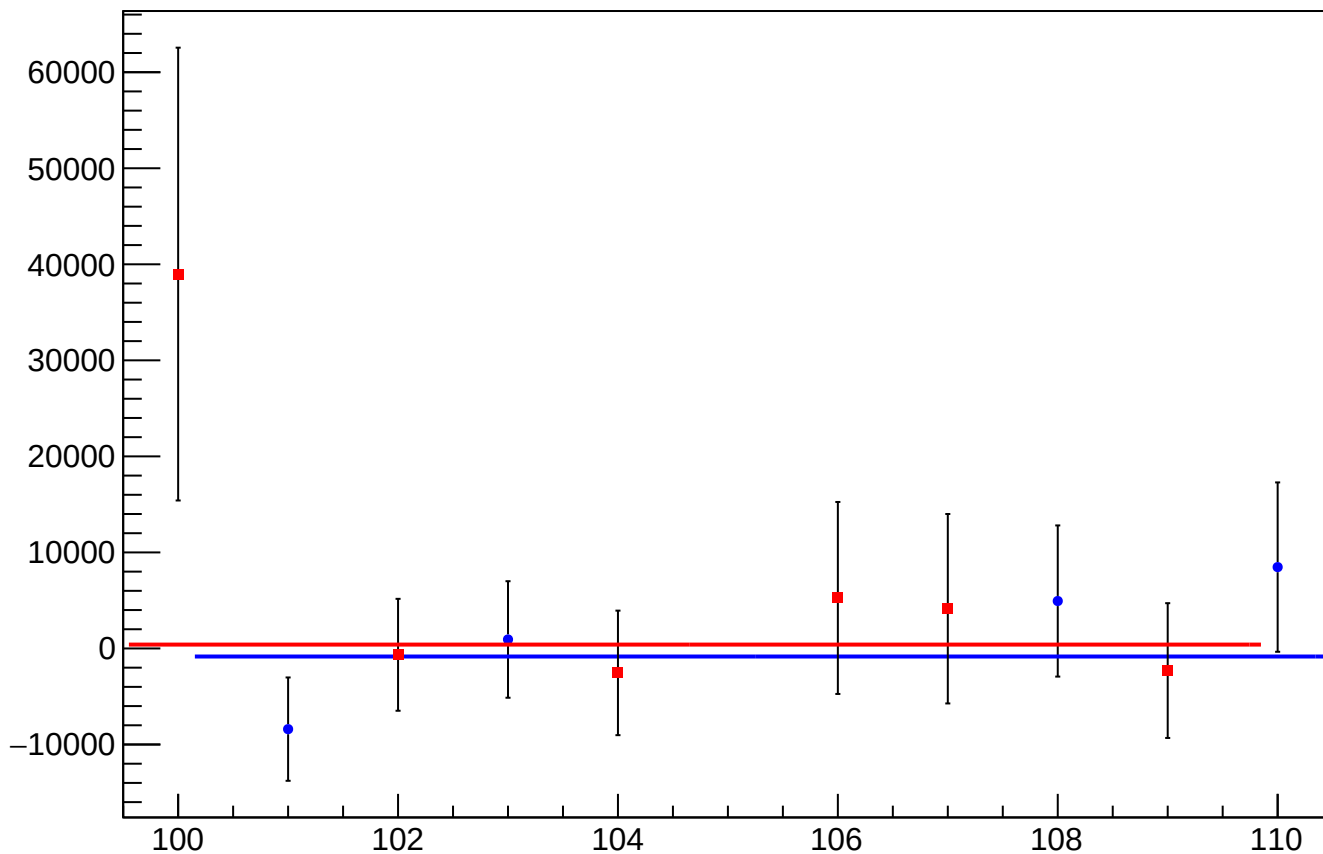
Right: 443.404+/-0.152 χ^2/NDF : 14670.0/9

In: 443.501+/-0.221 χ^2/NDF : 2113.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.404+/-0.152 χ^2/NDF : 14670.0/9

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -838.518+/-3319.939 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 402.905+/-3233.369 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

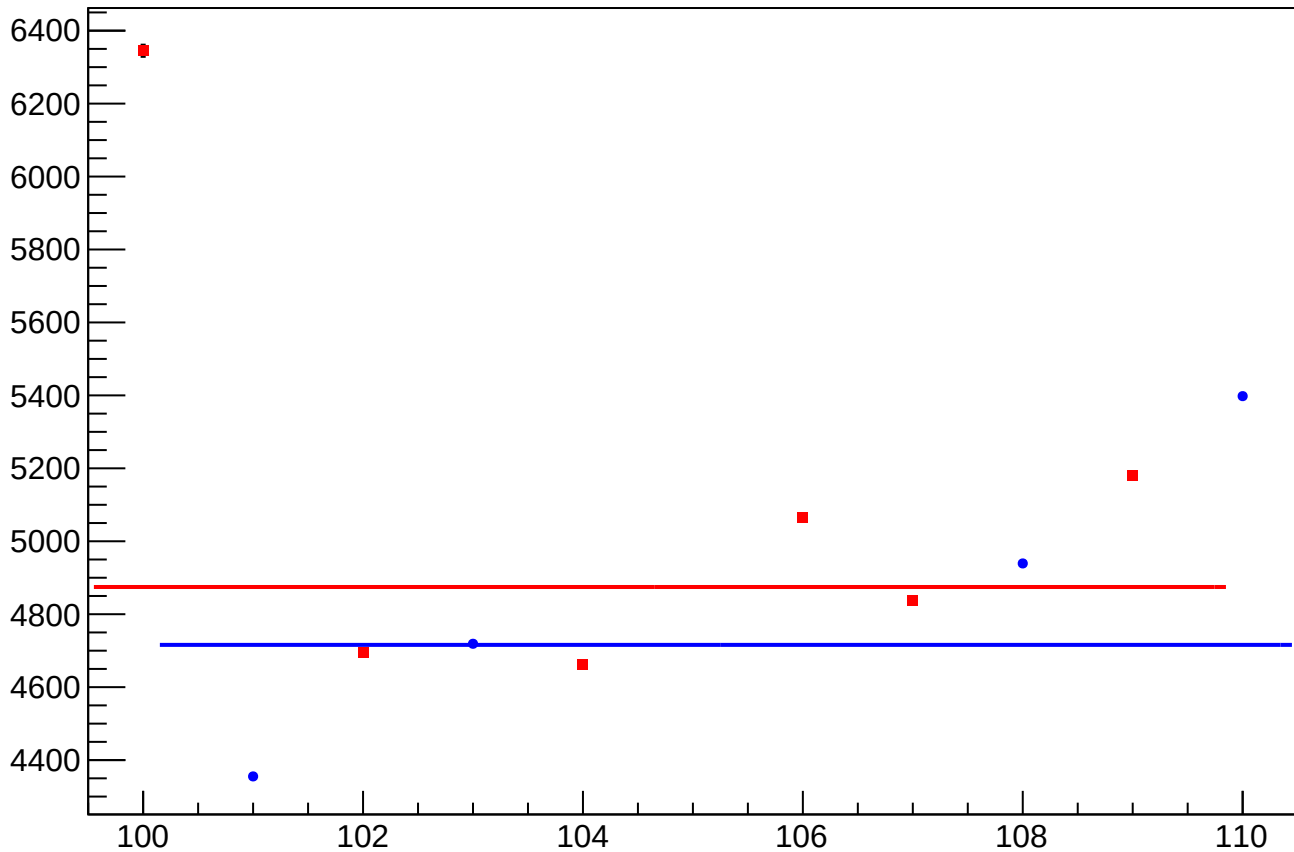
Right: -201.410+/-2316.338 χ^2/NDF : 7.2/9

In: -838.518+/-3319.939 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.410+/-2316.338 χ^2/NDF : 7.2/9

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4715.919+/-2.348 χ^2/NDF : 22564.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4874.645+/-2.286 χ^2/NDF : 16401.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

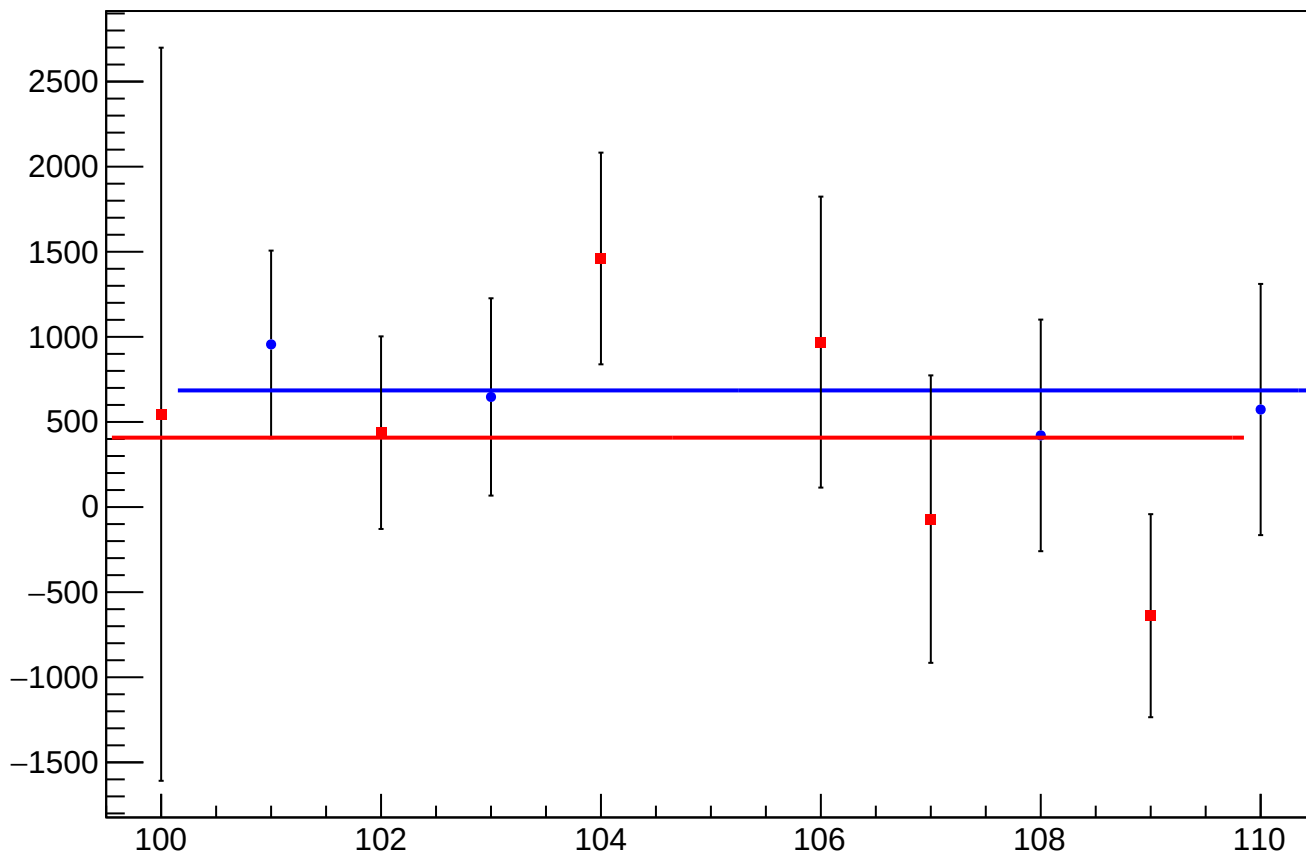
Right: 4797.378+/-1.638 χ^2/NDF : 41312.1/9

In: 4715.919+/-2.348 χ^2/NDF : 22564.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4797.378+/-1.638 χ^2/NDF : 41312.1/9

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 685.312 $\pm$ 312.109 χ^2 /NDF: 0.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 407.828 $\pm$ 294.813 χ^2 /NDF: 6.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

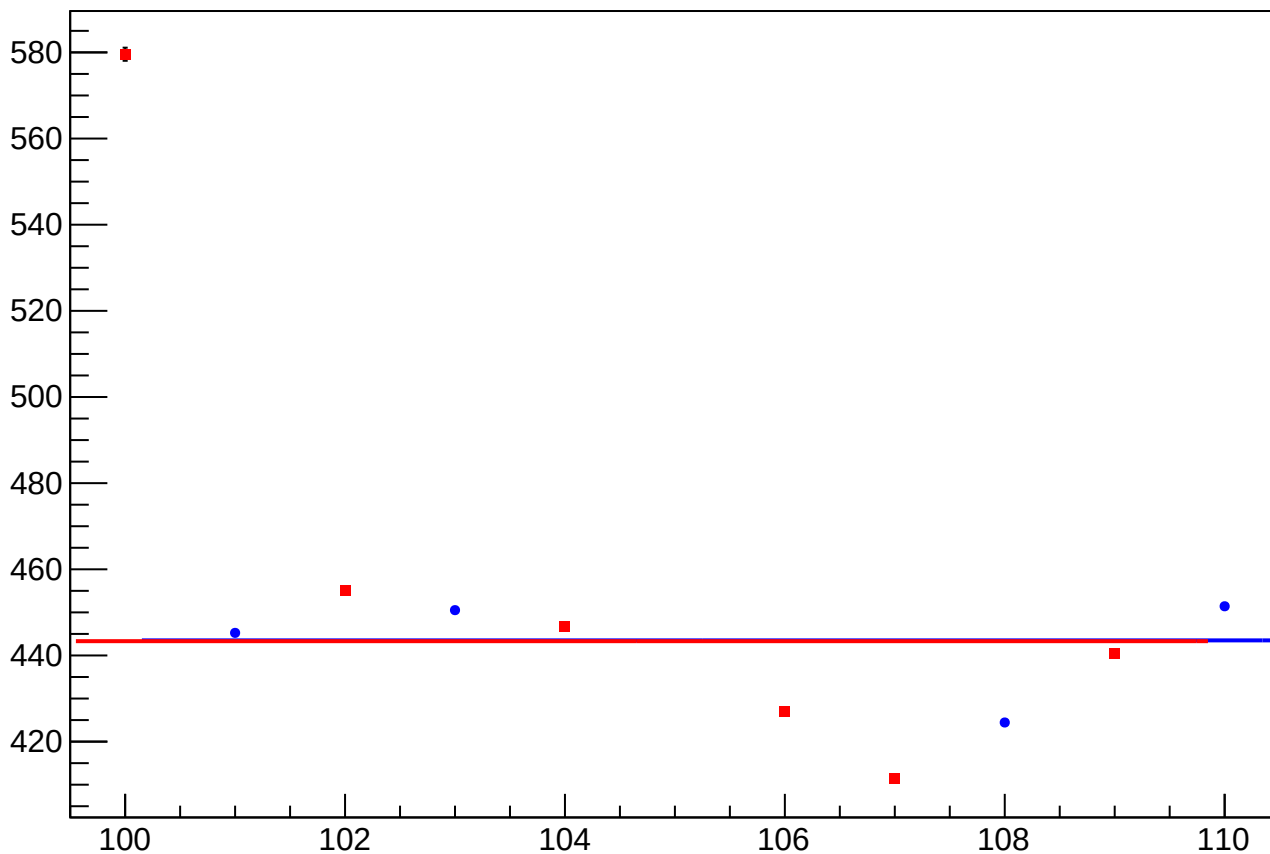
Right: 538.669 $\pm$ 214.318 χ^2 /NDF: 7.5/9

In: 685.312 $\pm$ 312.109 χ^2 /NDF:0.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 538.669 $\pm$ 214.318 χ^2 /NDF: 7.5/9

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 443.501+/-0.221 χ^2/NDF : 2113.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.318+/-0.208 χ^2/NDF : 12556.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

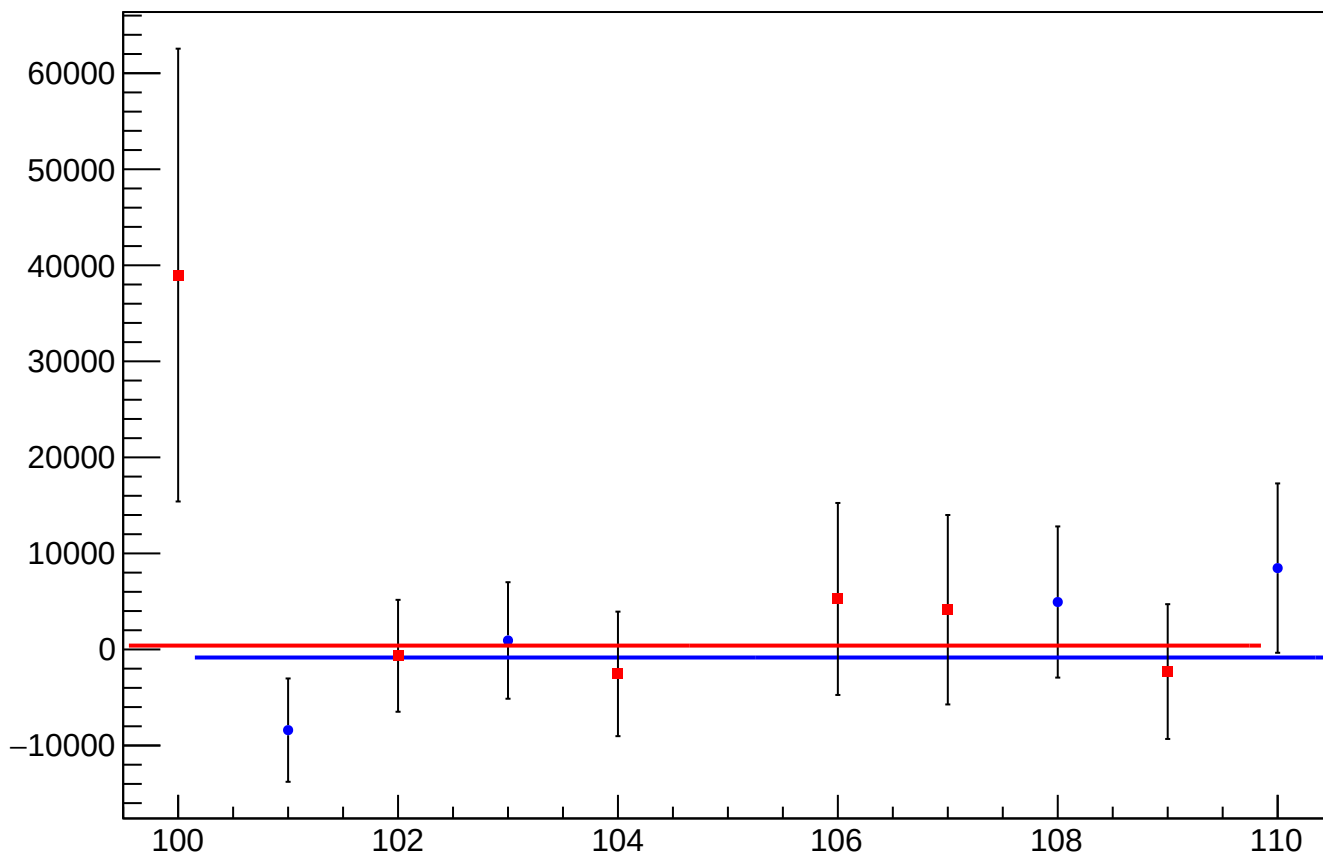
Right: 443.404+/-0.152 χ^2/NDF : 14670.0/9

In: 443.501+/-0.221 χ^2/NDF : 2113.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.404+/-0.152 χ^2/NDF : 14670.0/9

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -838.518+/-3319.939 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 402.905+/-3233.369 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

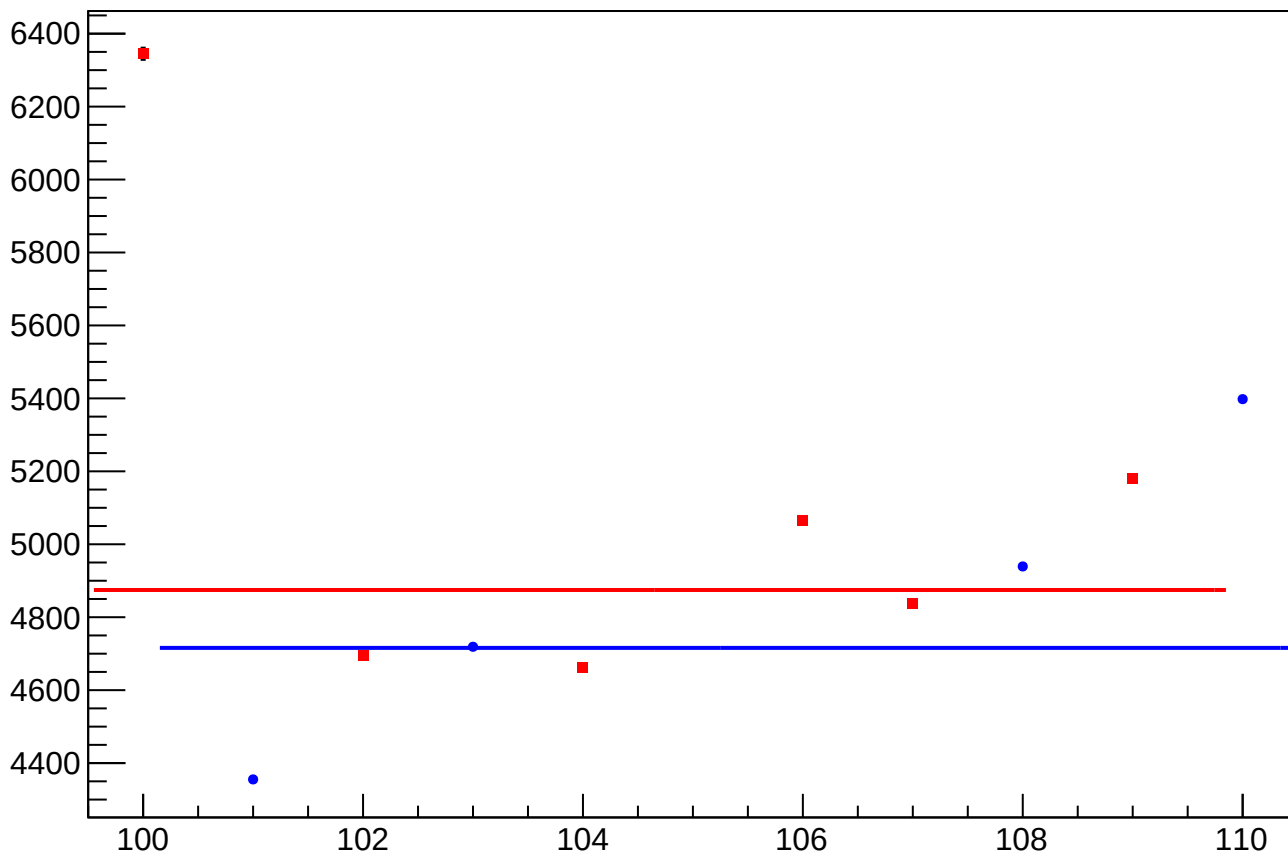
Right: -201.410+/-2316.338 χ^2/NDF : 7.2/9

In: -838.518+/-3319.939 χ^2/NDF :3.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -201.410+/-2316.338 χ^2/NDF : 7.2/9

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4715.919+/-2.348 χ^2/NDF : 22564.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4874.645+/-2.286 χ^2/NDF : 16401.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

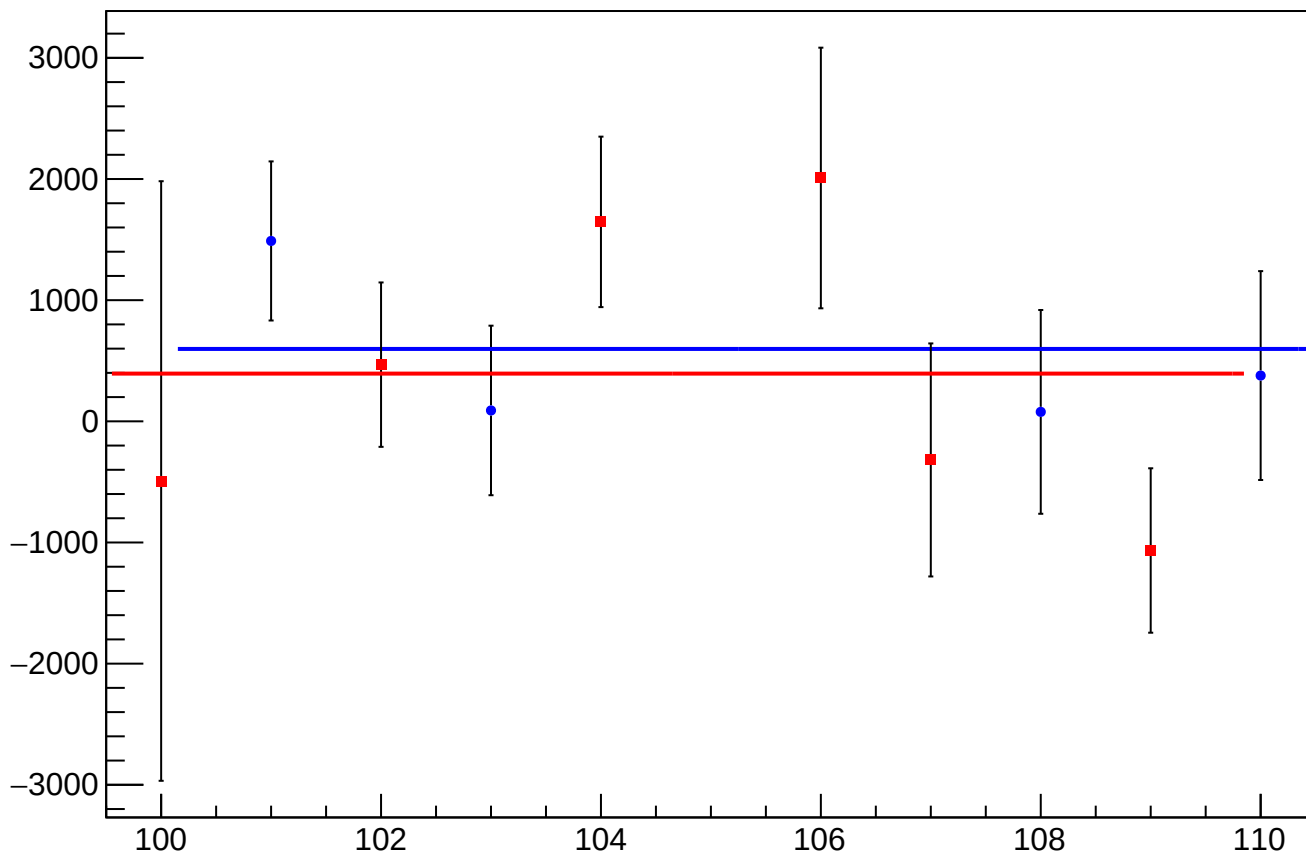
Right: 4797.378+/-1.638 χ^2/NDF : 41312.1/9

In: 4715.919+/-2.348 χ^2/NDF : 22564.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4797.378+/-1.638 χ^2/NDF : 41312.1/9

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 597.503+/-374.701 χ^2/NDF : 2.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 393.944+/-343.524 χ^2/NDF : 10.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

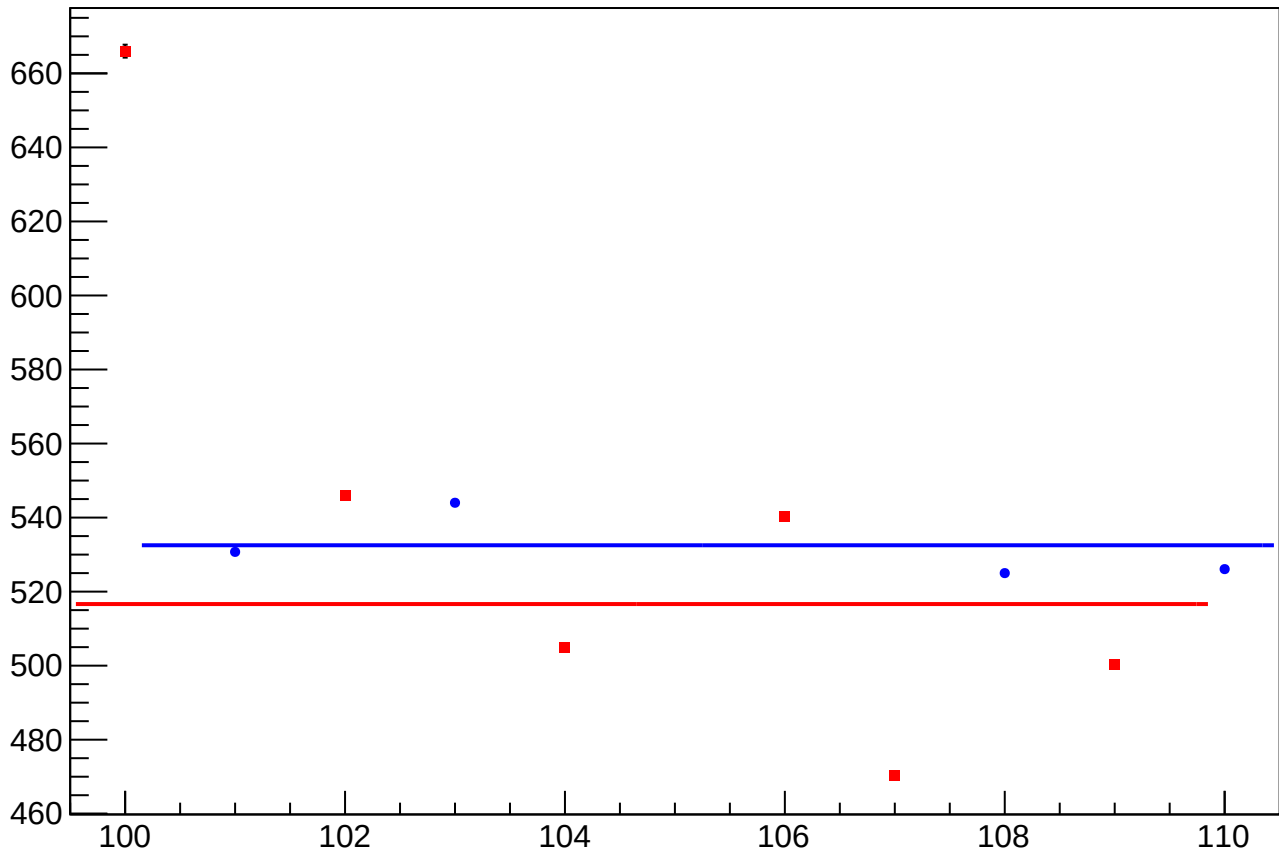
Right: 486.904+/-253.214 χ^2/NDF : 13.7/9

In: 597.503+/-374.701 χ^2/NDF : 2.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.904+/-253.214 χ^2/NDF : 13.7/9

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 532.523+/-0.265 χ^2/NDF : 825.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.640+/-0.243 χ^2/NDF : 18341.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

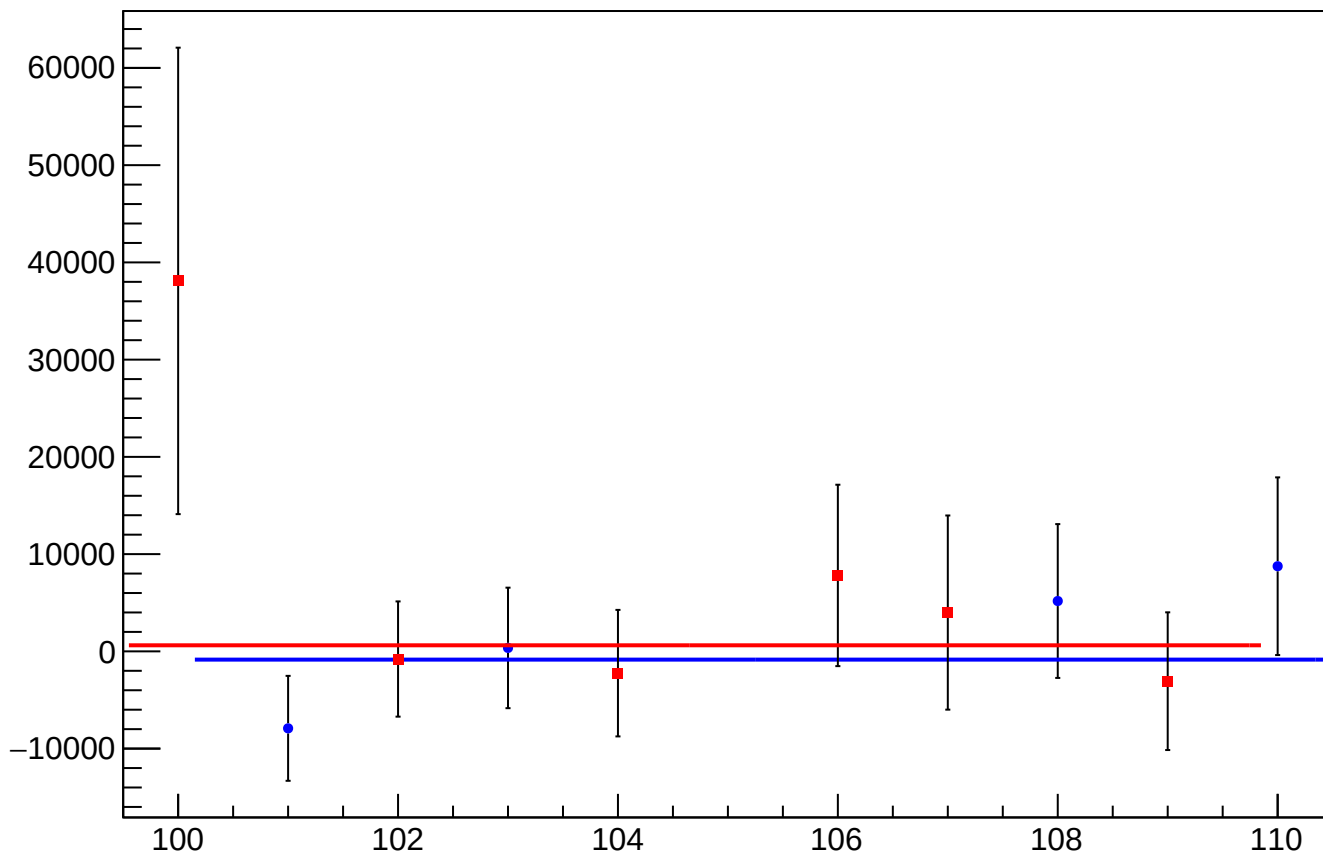
Right: 523.893+/-0.179 χ^2/NDF : 21119.0/9

In: 532.523+/-0.265 χ^2/NDF : 825.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.893+/-0.179 χ^2/NDF : 21119.0/9

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -849.249+/-3364.116 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.034+/-3238.929 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

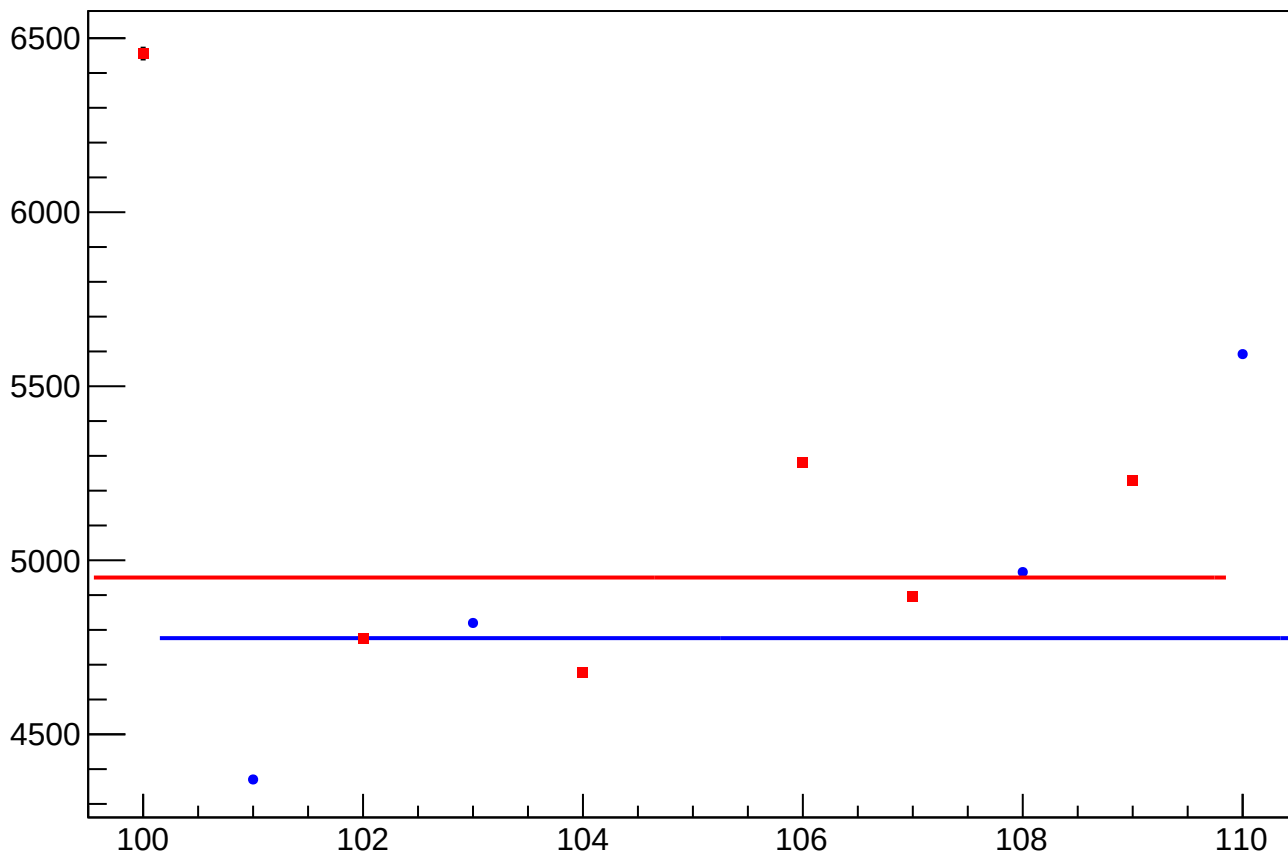
Right: -85.204+/-2333.270 χ^2/NDF : 7.2/9

In: -849.249+/-3364.116 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.204+/-2333.270 χ^2/NDF : 7.2/9

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4776.326+/-2.379 χ^2/NDF : 28534.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4950.467+/-2.290 χ^2/NDF : 18795.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

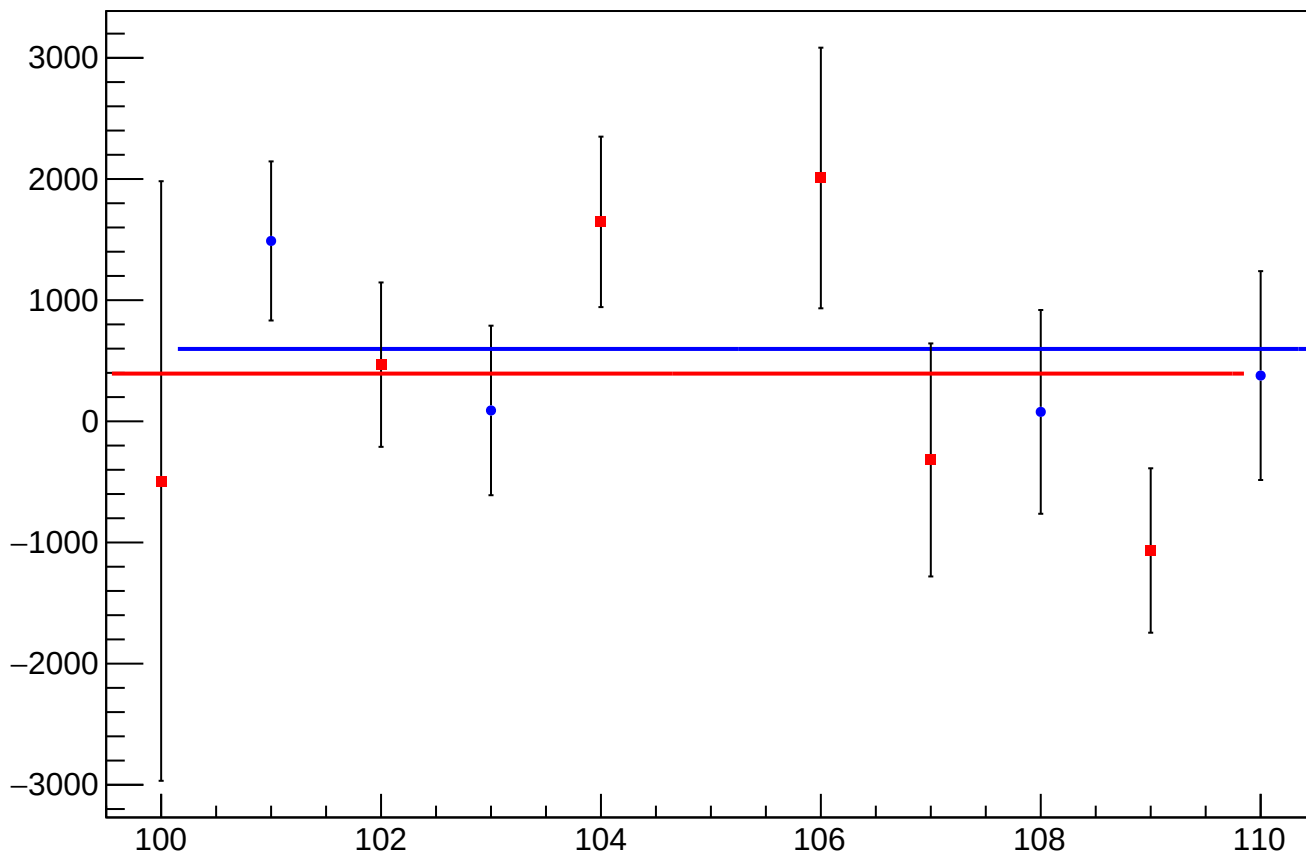
Right: 4866.697+/-1.650 χ^2/NDF : 50112.0/9

In: 4776.326+/-2.379 χ^2/NDF : 28534.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4866.697+/-1.650 χ^2/NDF : 50112.0/9

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 597.482+/-374.699 χ^2/NDF : 2.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 393.946+/-343.523 χ^2/NDF : 10.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

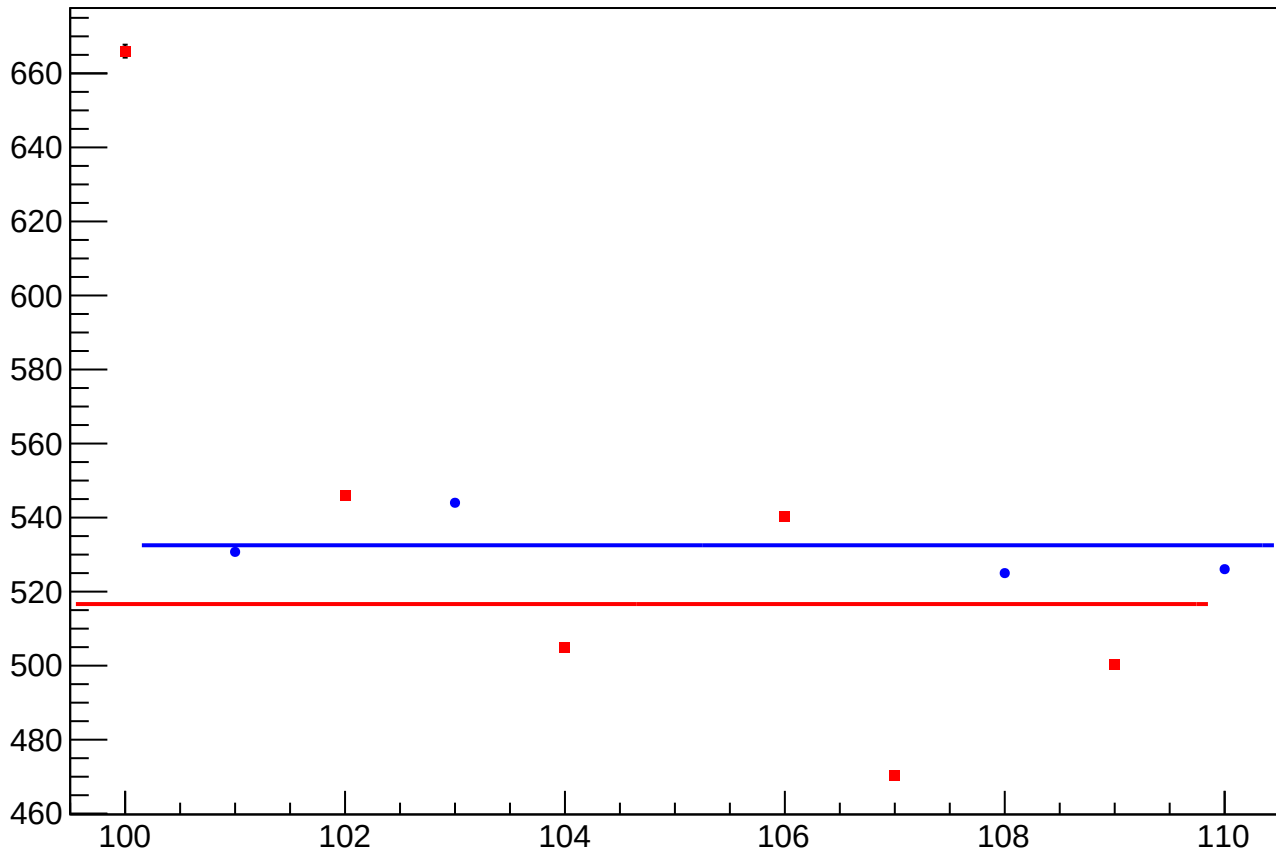
Right: 486.896+/-253.213 χ^2/NDF : 13.7/9

In: 597.482+/-374.699 χ^2/NDF : 2.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.896+/-253.213 χ^2/NDF : 13.7/9

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 532.520+/-0.265 χ^2/NDF : 825.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.639+/-0.243 χ^2/NDF : 18340.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

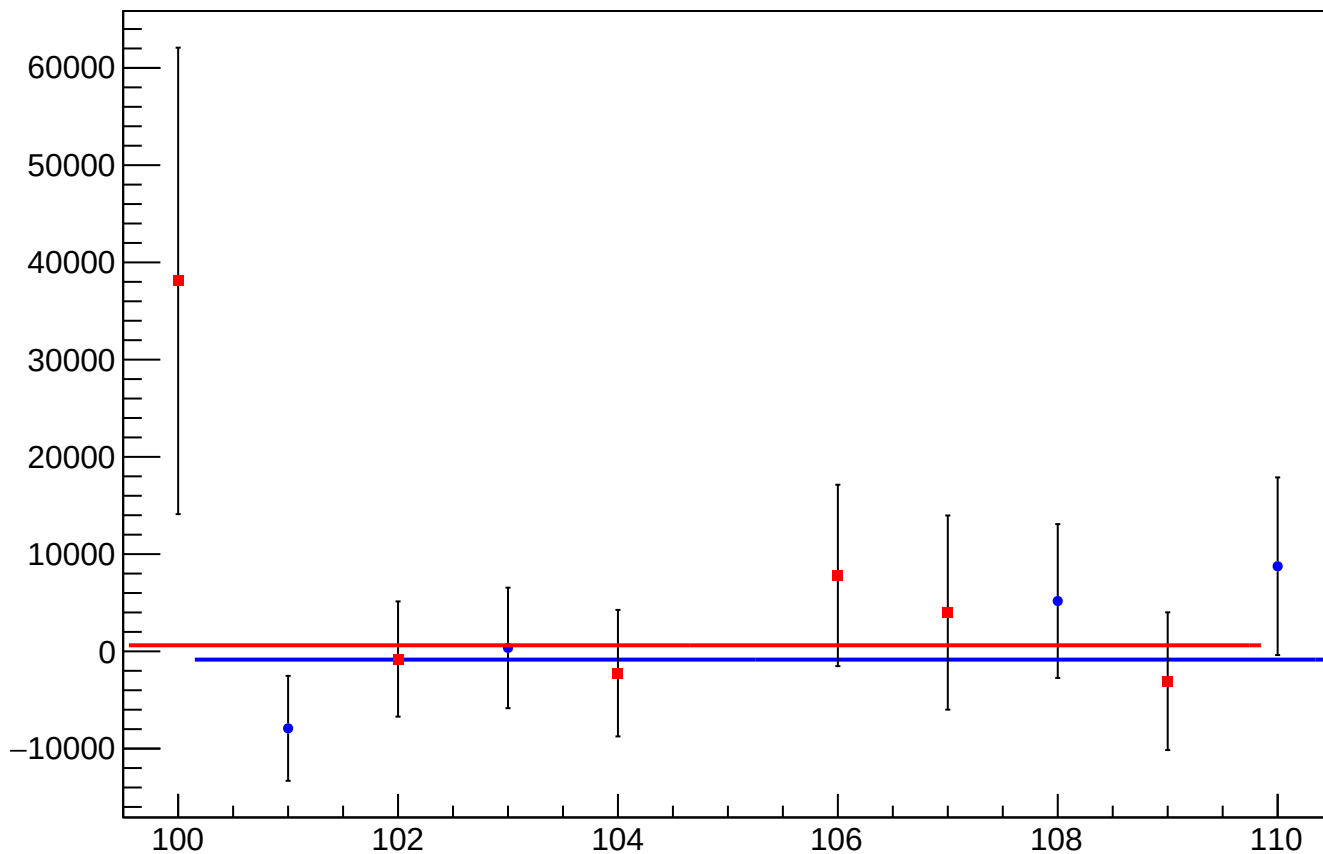
Right: 523.891+/-0.179 χ^2/NDF : 21118.3/9

In: 532.520+/-0.265 χ^2/NDF : 825.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.891+/-0.179 χ^2/NDF : 21118.3/9

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -849.249+/-3364.108 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.029+/-3238.921 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

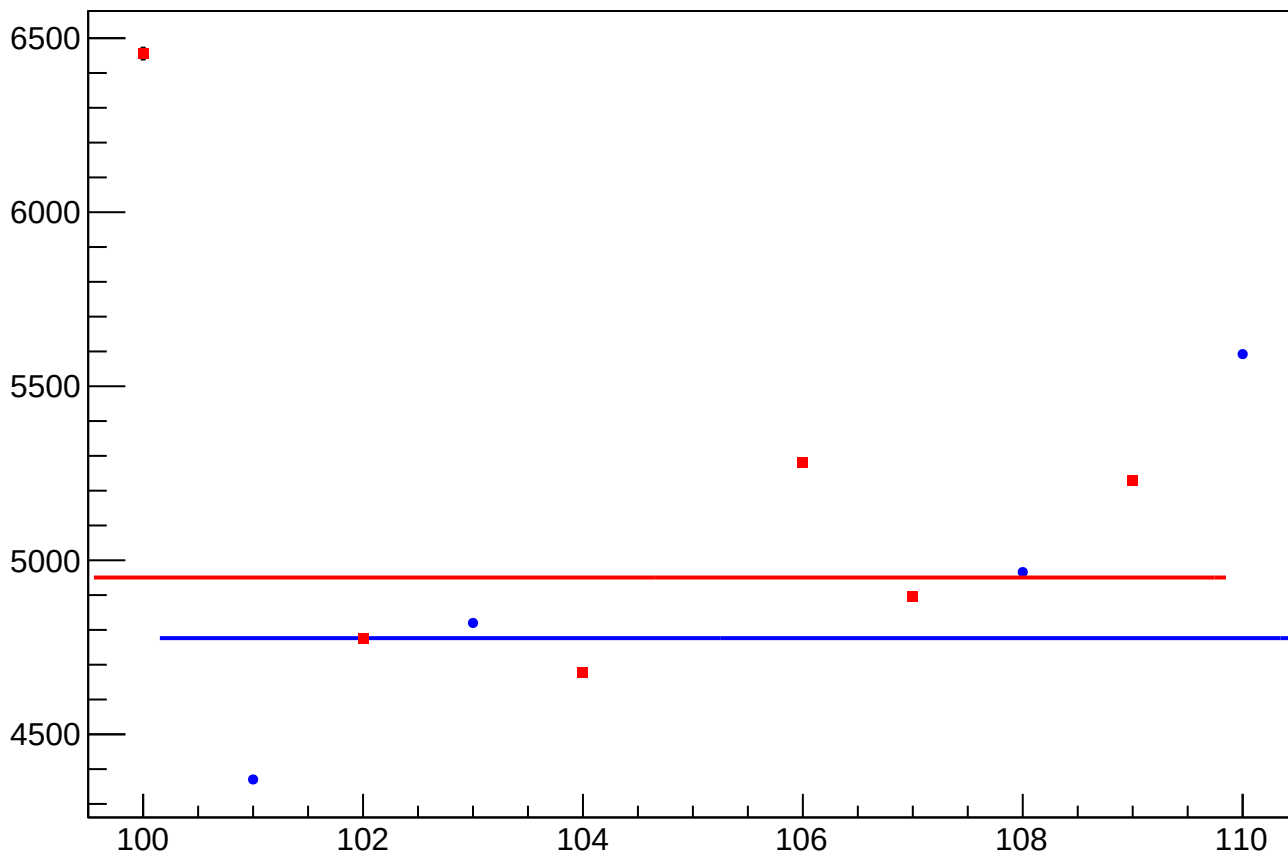
Right: -85.207+/-2333.265 χ^2/NDF : 7.2/9

In: -849.249+/-3364.108 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.207+/-2333.265 χ^2/NDF : 7.2/9

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4776.315+/-2.379 χ^2/NDF : 28533.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4950.454+/-2.290 χ^2/NDF : 18796.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

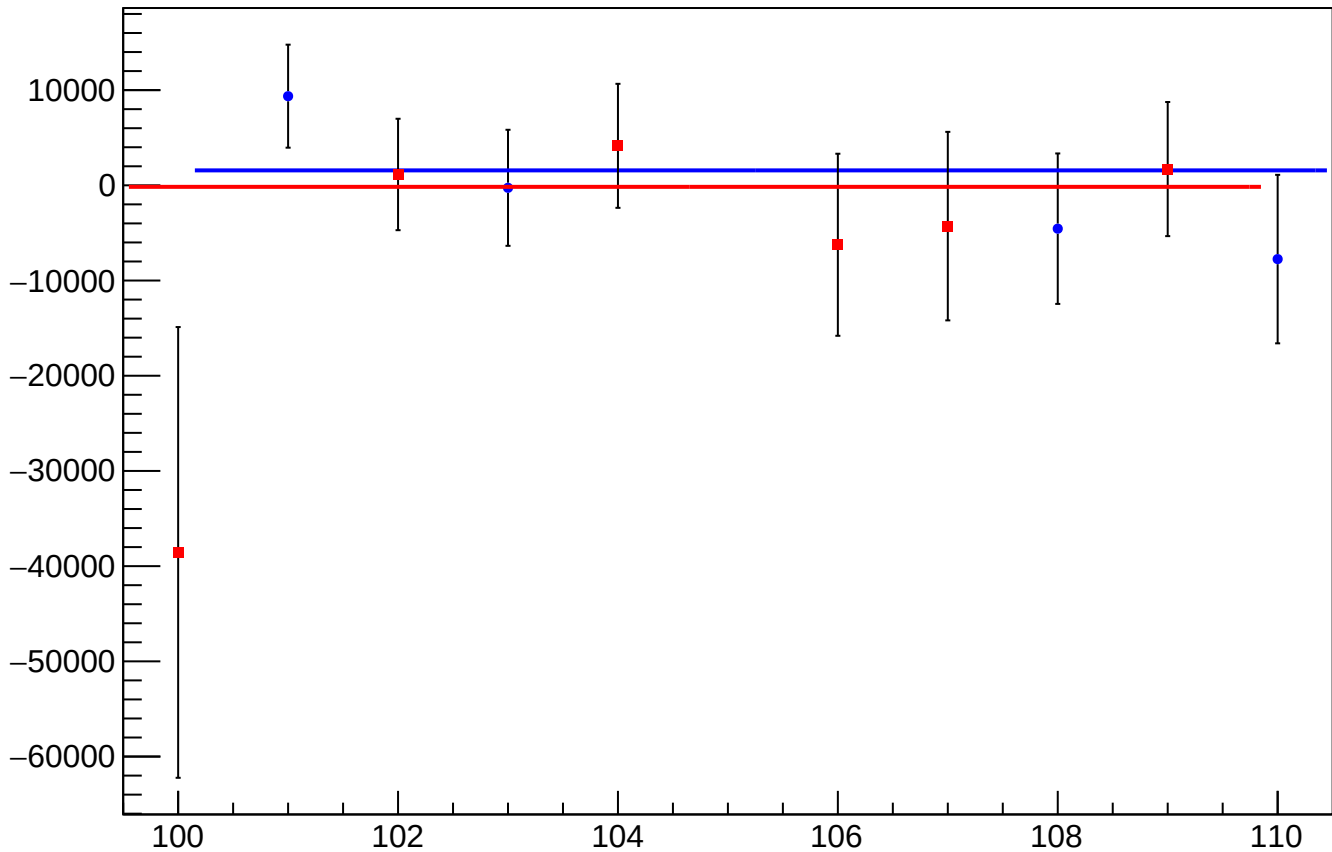
Right: 4866.685+/-1.650 χ^2/NDF : 50111.3/9

In: 4776.315+/-2.379 χ^2/NDF : 28533.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4866.685+/-1.650 χ^2/NDF : 50111.3/9

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1569.714+/-3335.541 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.594+/-3229.765 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

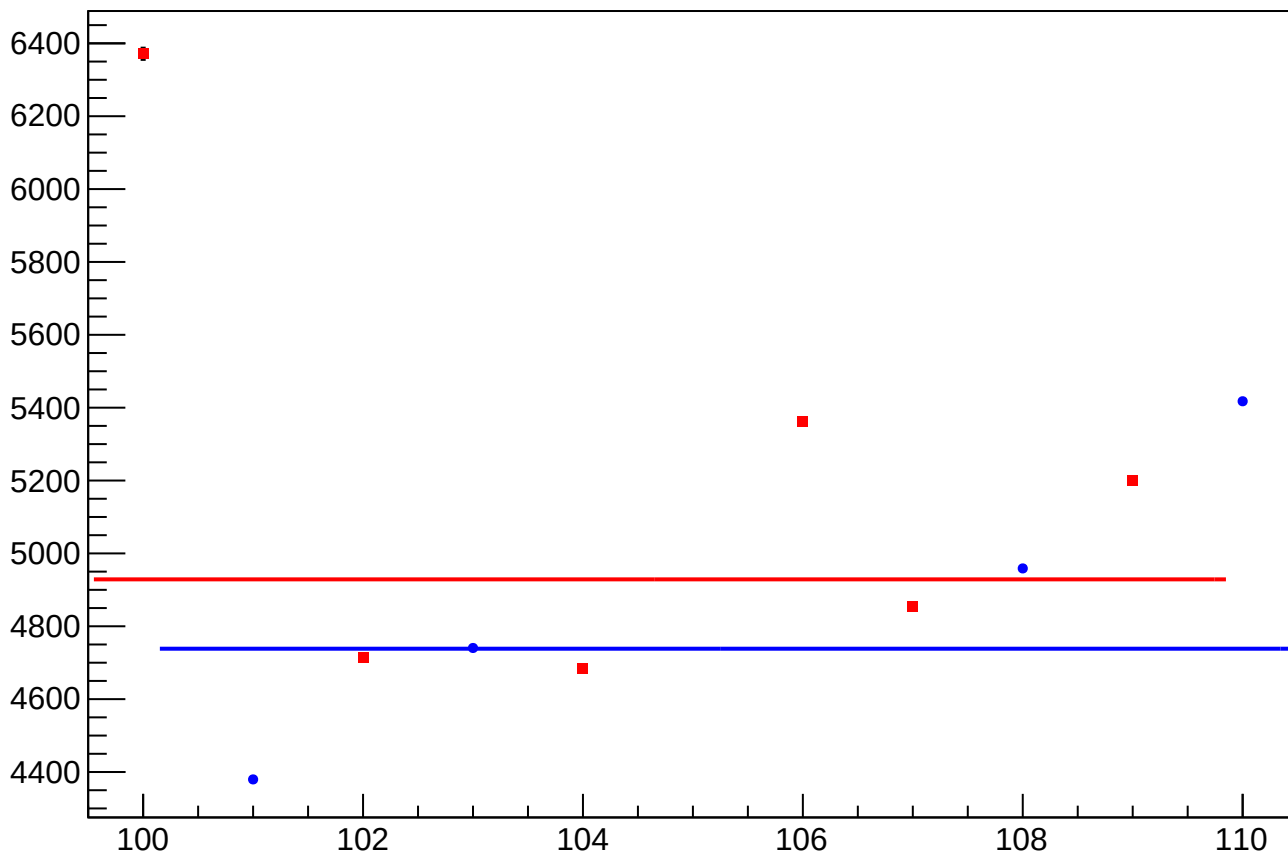
Right: 677.206+/-2320.282 χ^2/NDF : 7.8/9

In: 1569.714+/-3335.541 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.206+/-2320.282 χ^2/NDF : 7.8/9

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4738.415+/-2.359 χ^2/NDF : 22133.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4928.766+/-2.284 χ^2/NDF : 20129.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

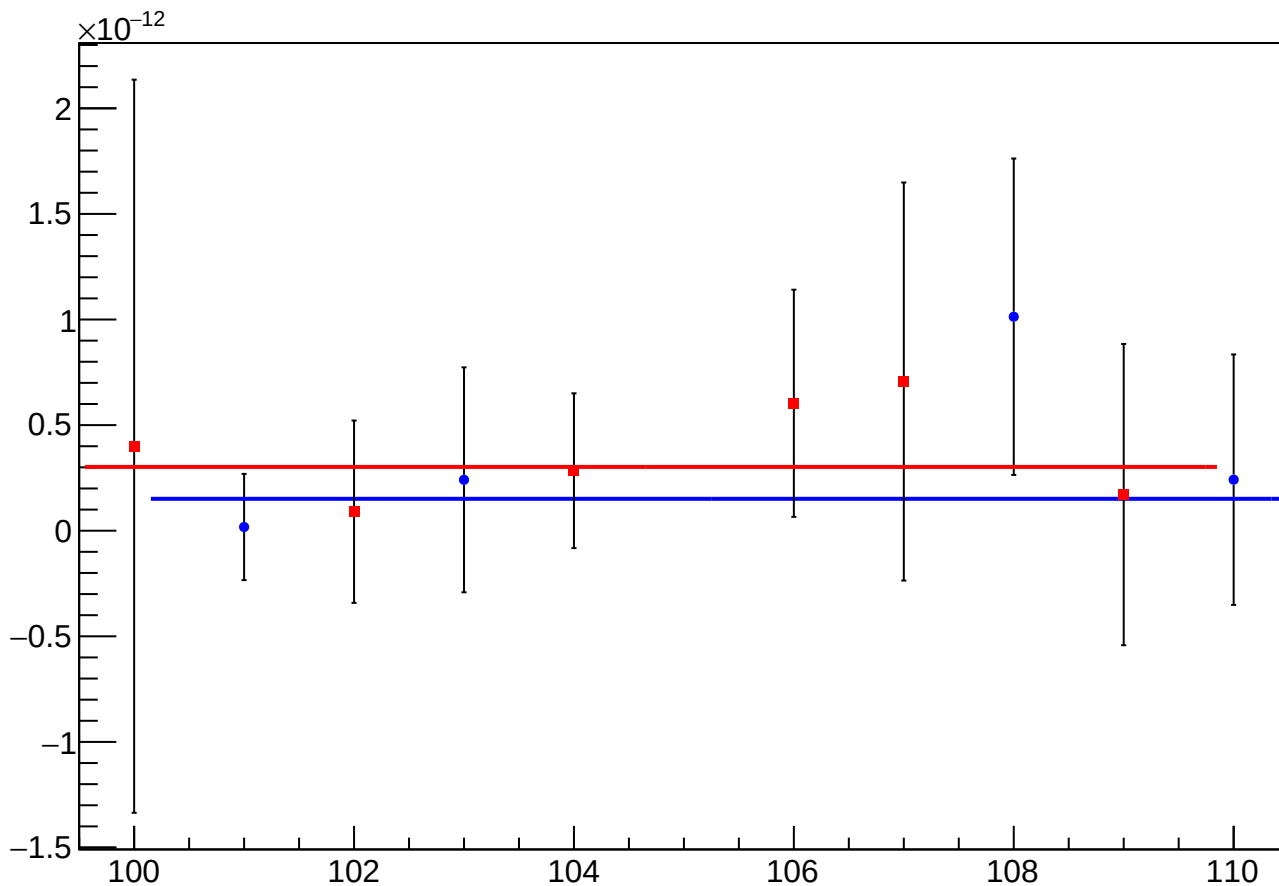
Right: 4836.656+/-1.641 χ^2/NDF : 45623.7/9

In: 4738.415+/-2.359 χ^2/NDF : 22133.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4836.656+/-1.641 χ^2/NDF : 45623.7/9

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

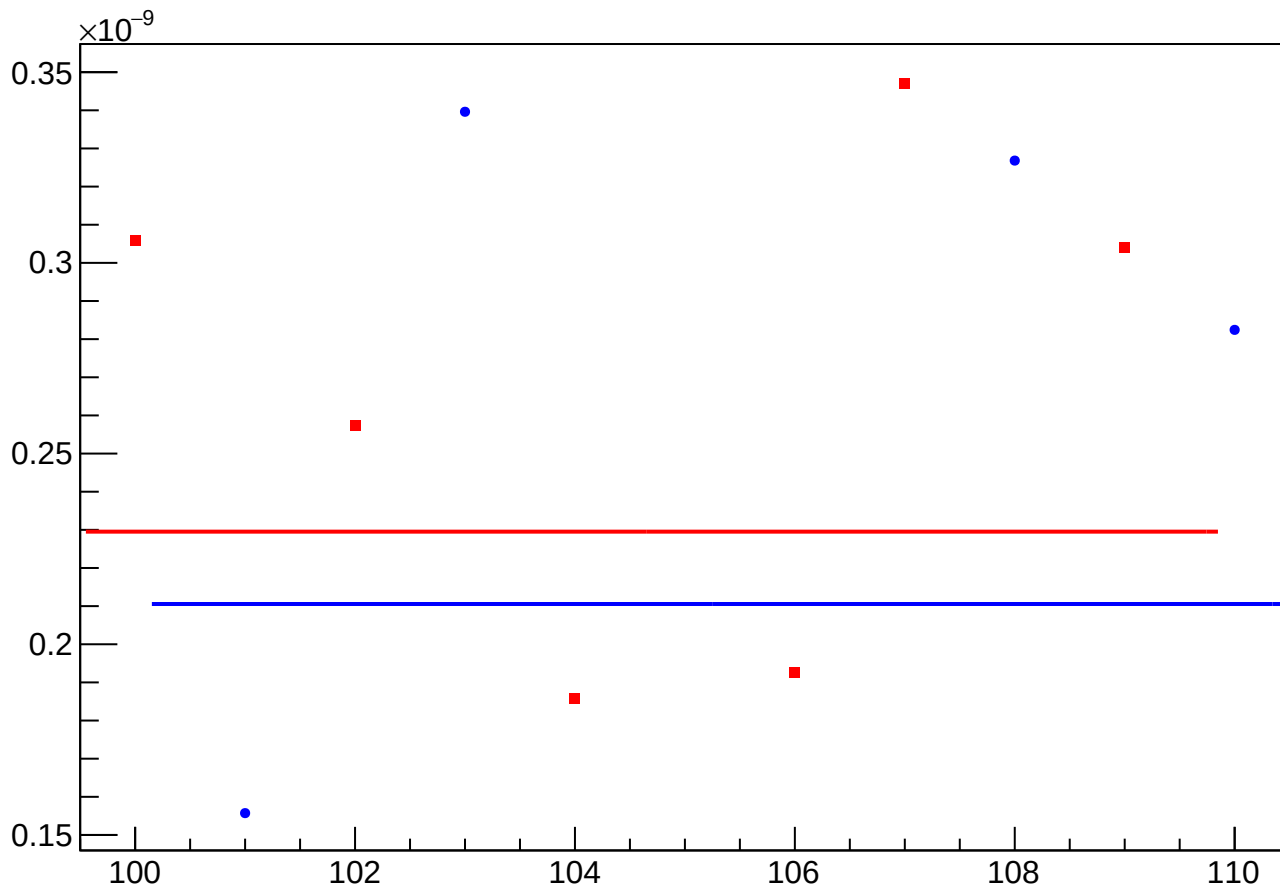
Right: 0.000+/-0.000 χ^2/NDF : 2.7/9

In: 0.000+/-0.000 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.7/9

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 290120.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 102928.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

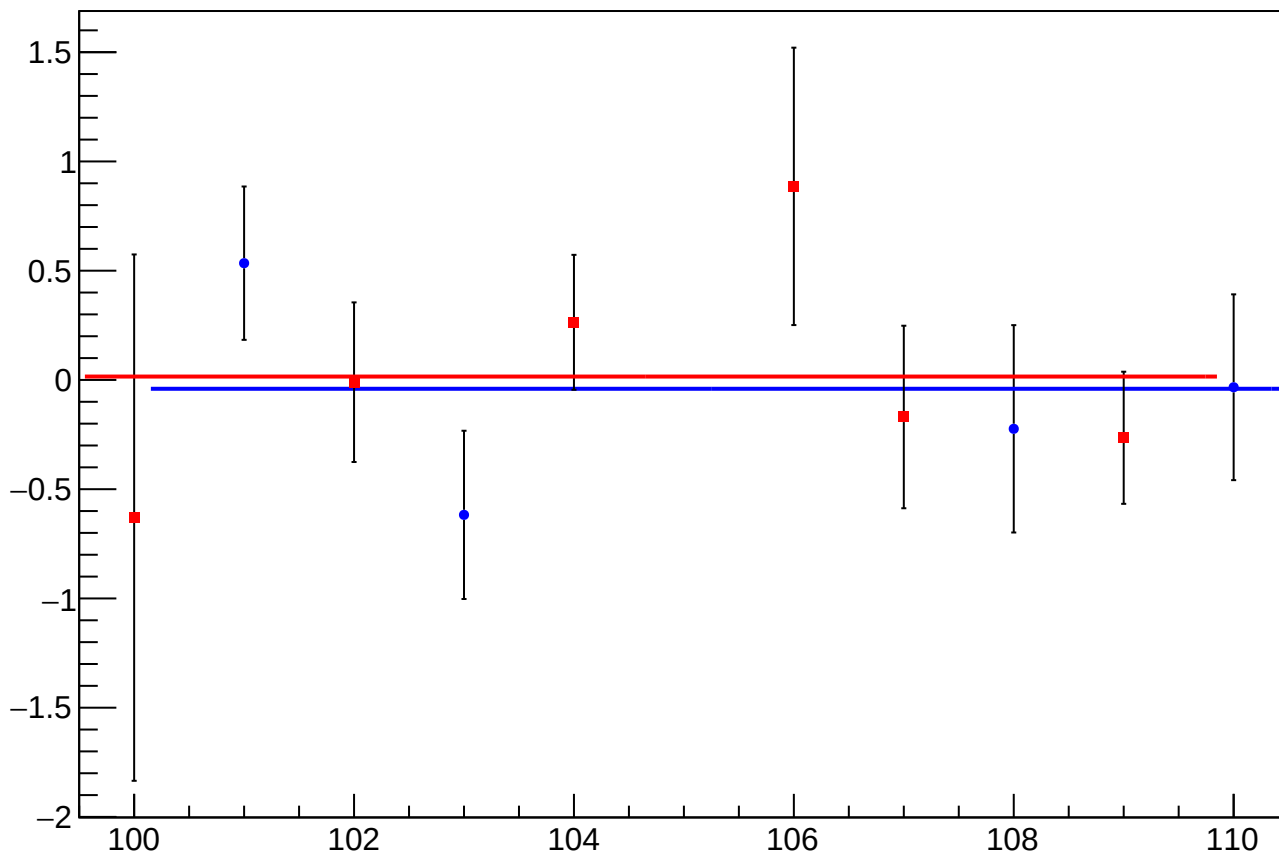
Right: 0.000+/-0.000 χ^2/NDF : 400831.5/9

In: 0.000+/-0.000 χ^2/NDF : 290120.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 400831.5/9

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.201 χ^2 /NDF: 5.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.016 $\pm$ 0.163 χ^2 /NDF: 3.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

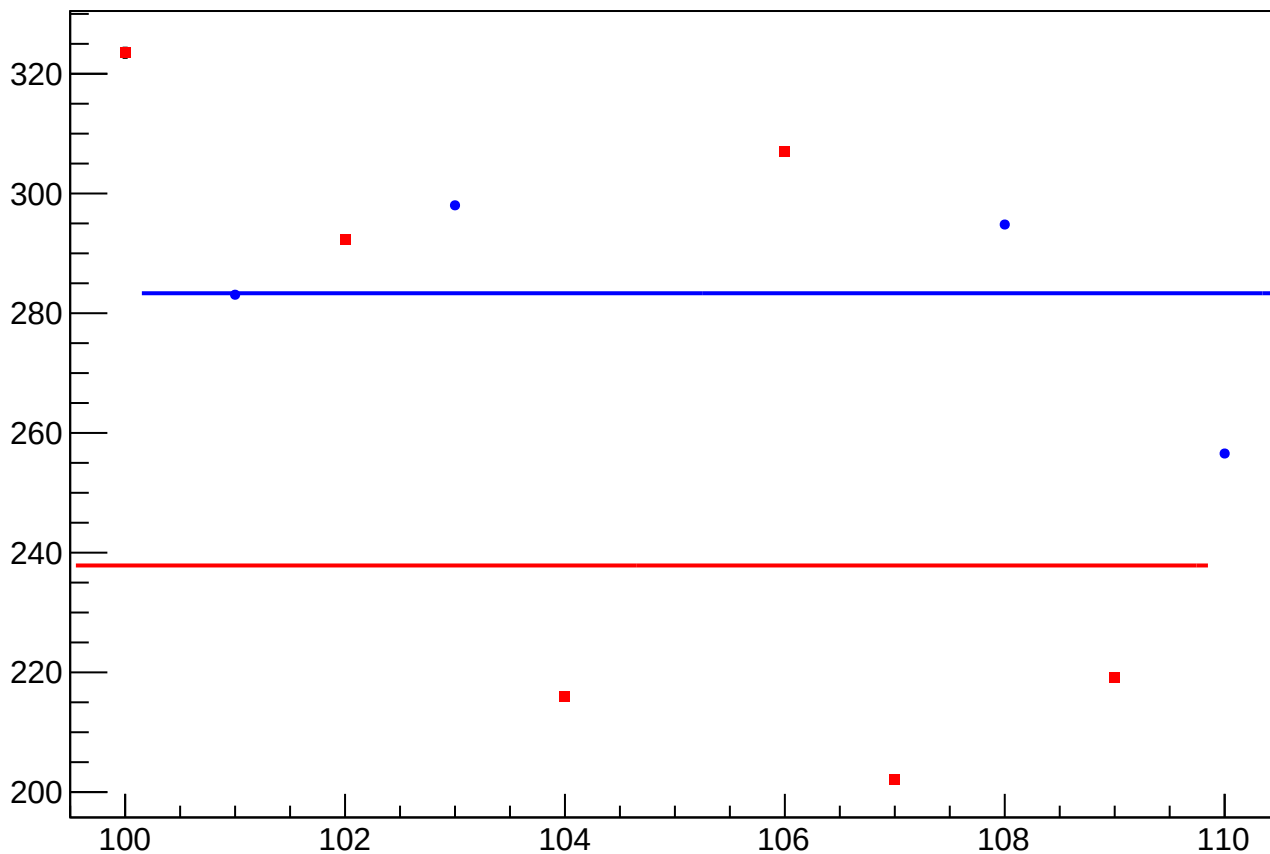
Right: -0.007 $\pm$ 0.126 χ^2 /NDF: 9.0/9

In: -0.040 $\pm$ 0.201 χ^2 /NDF:5.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.126 χ^2 /NDF: 9.0/9

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.336+/-0.142 χ^2/NDF : 12015.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.859+/-0.115 χ^2/NDF : 110512.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

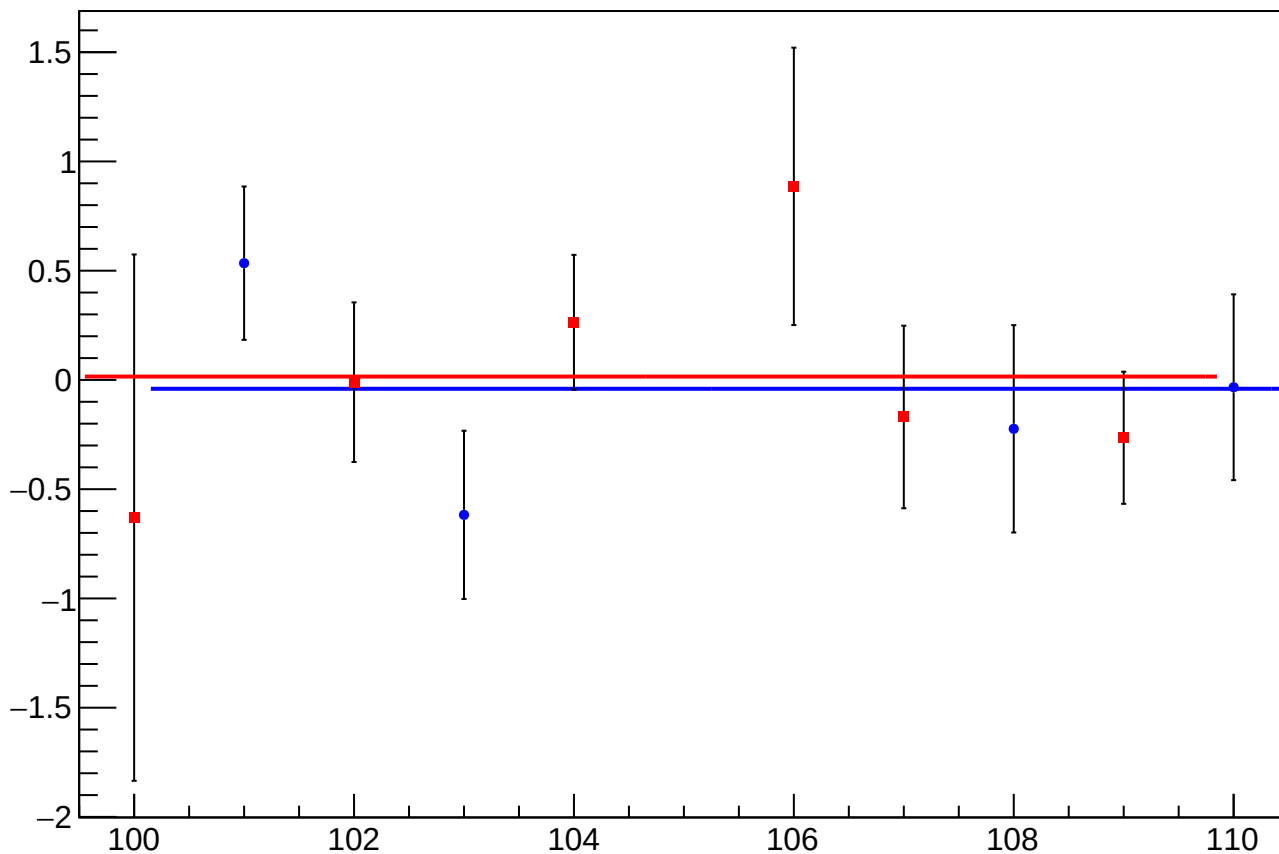
Right: 255.884+/-0.089 χ^2/NDF : 184553.5/9

In: 283.336+/-0.142 χ^2/NDF : 12015.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.884+/-0.089 χ^2/NDF : 184553.5/9

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.201 χ^2/NDF : 5.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.163 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

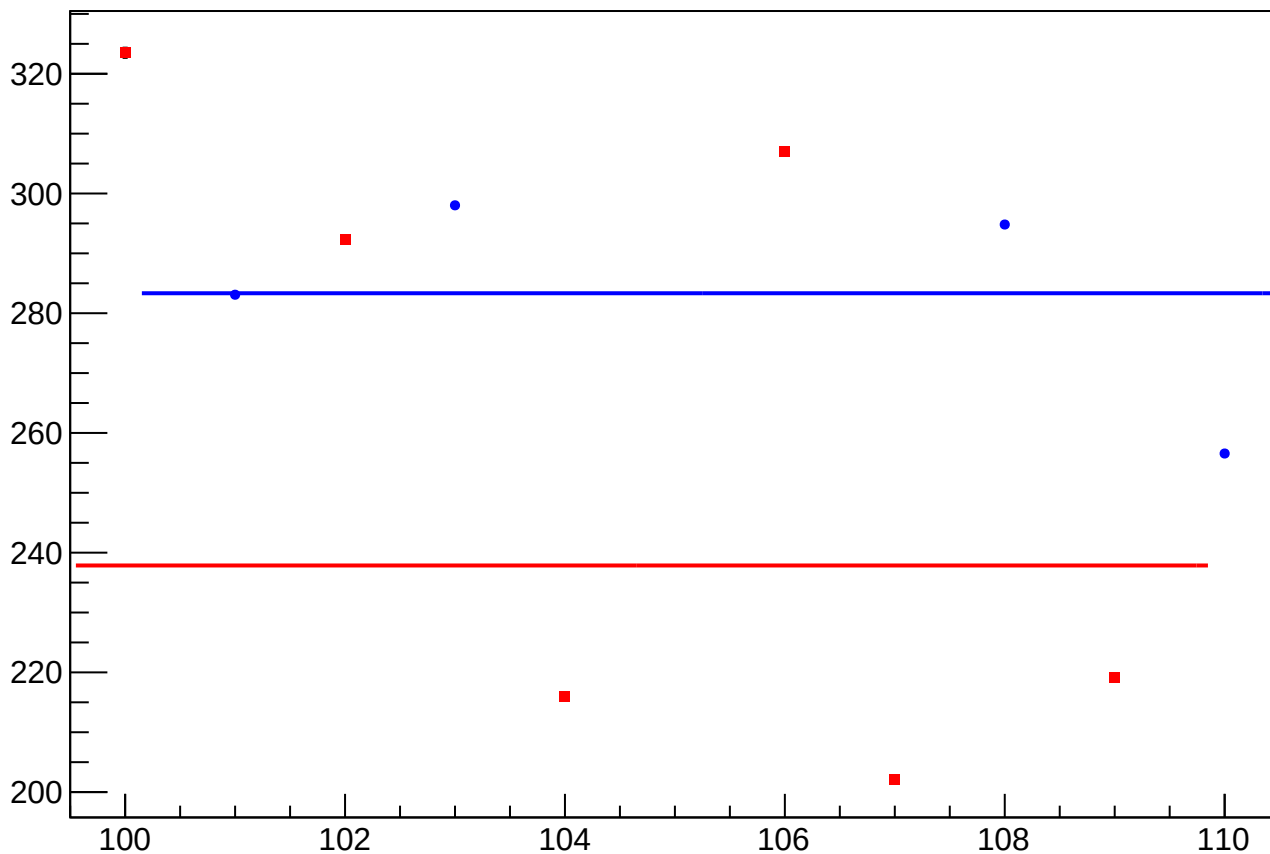
Right: -0.007+/-0.126 χ^2/NDF : 9.0/9

In: -0.040+/-0.201 χ^2/NDF : 5.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.126 χ^2/NDF : 9.0/9

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.336 $\pm$ 0.142 χ^2 /NDF: 12015.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 237.859 $\pm$ 0.115 χ^2 /NDF: 110512.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

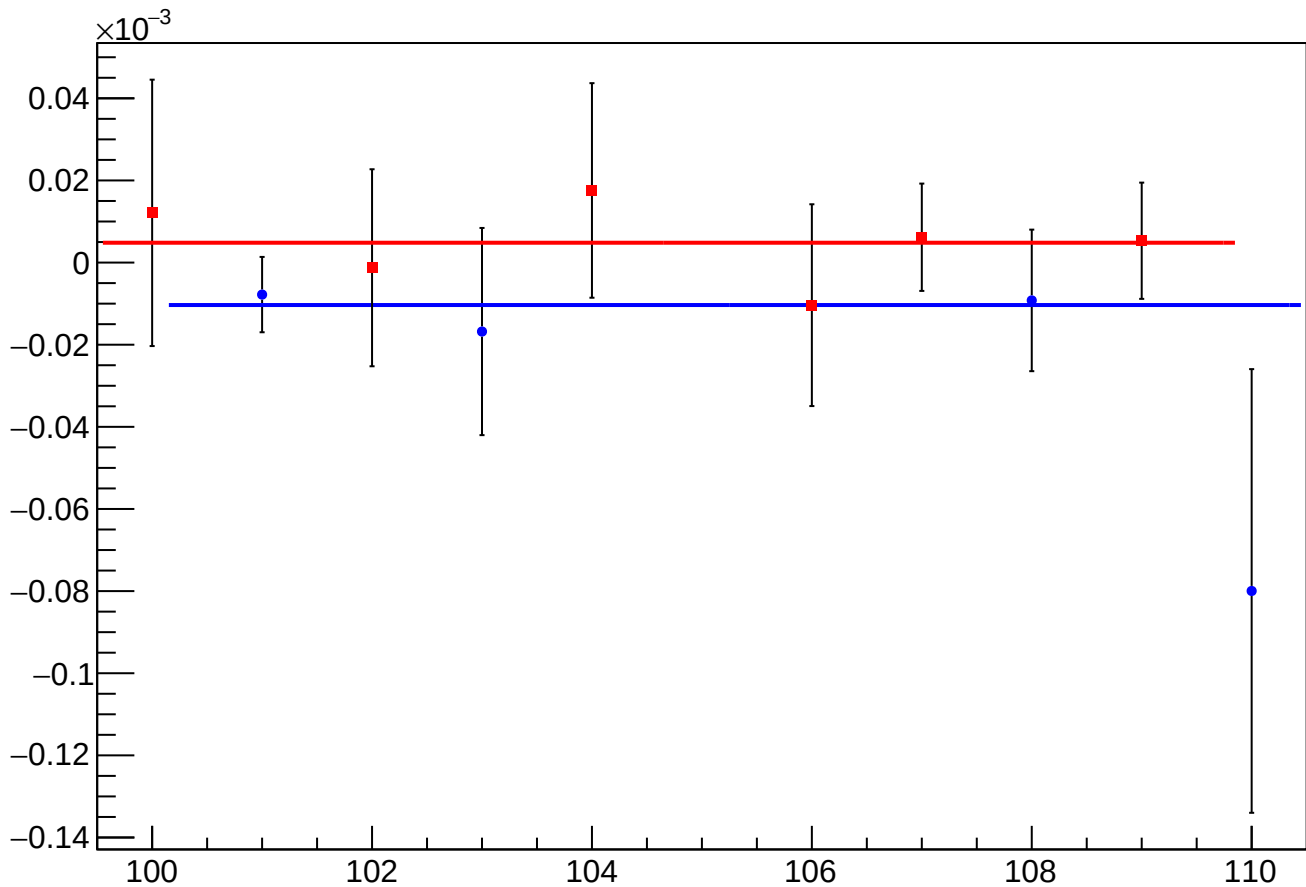
Right: 255.884 $\pm$ 0.089 χ^2 /NDF: 184553.5/9

In: 283.336 $\pm$ 0.142 χ^2 /NDF:12015.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 255.884 $\pm$ 0.089 χ^2 /NDF: 184553.5/9

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

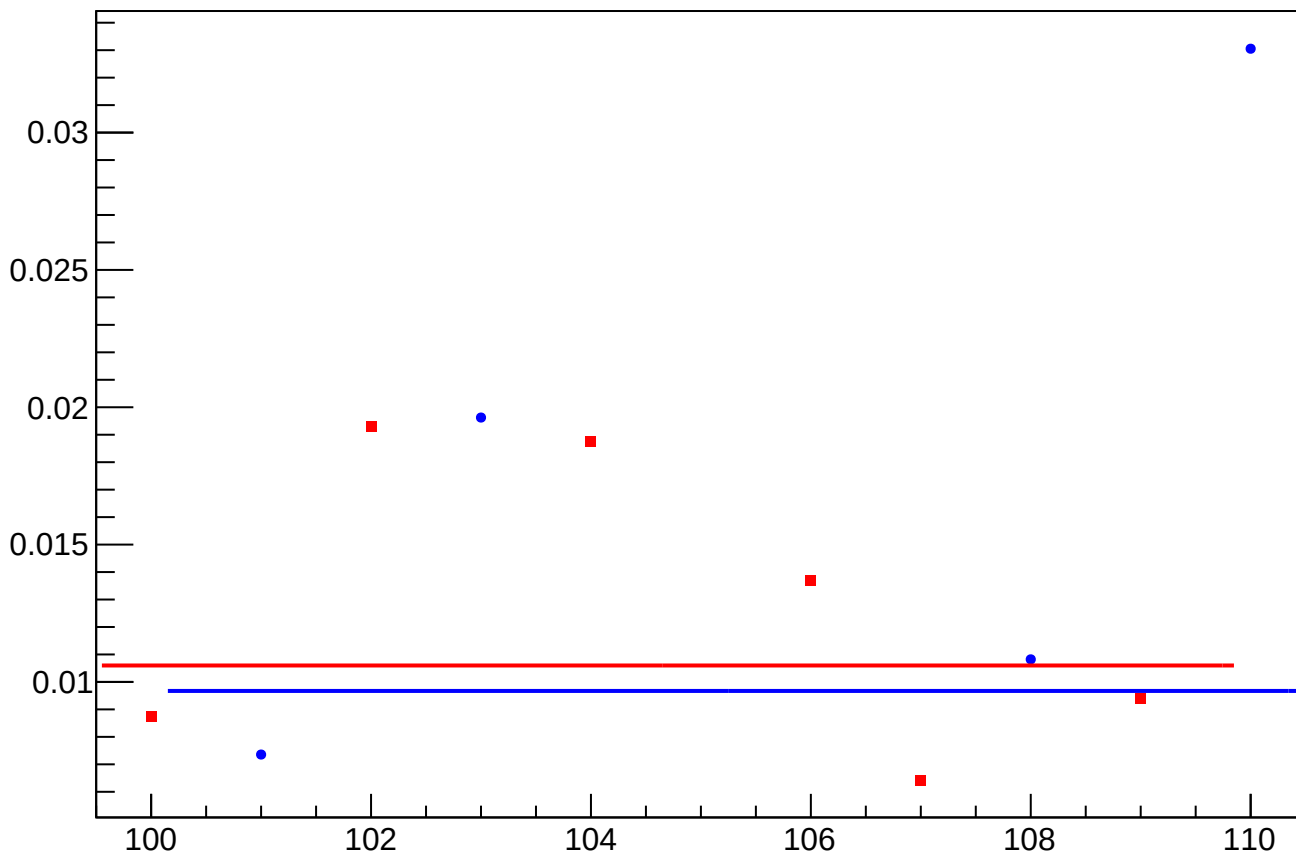
Right: -0.000+/-0.000 χ^2/NDF : 4.5/9

In: -0.000+/-0.000 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.5/9

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 822440.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 717389.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

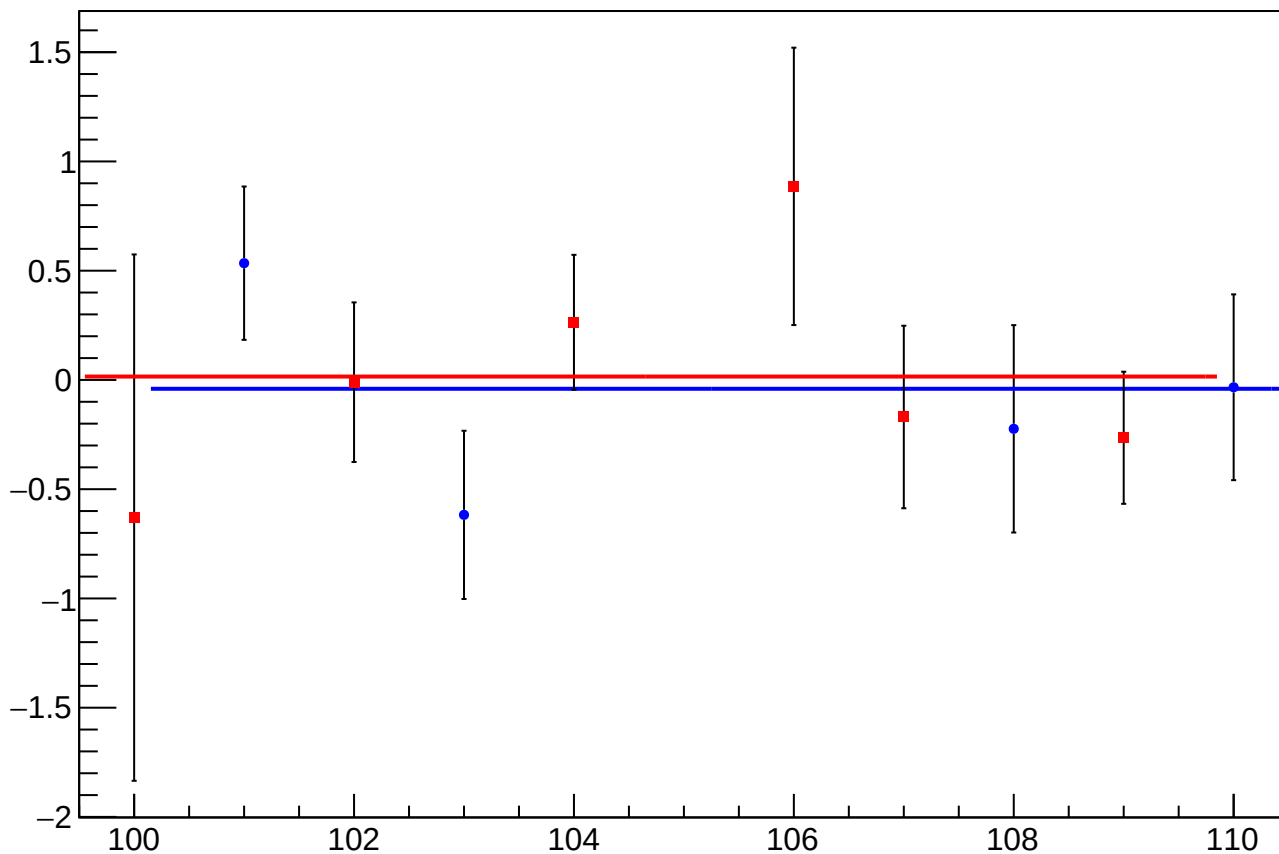
Right: 0.010+/-0.000 χ^2/NDF : 1554355.2/9

In: 0.010+/-0.000 χ^2/NDF : 822440.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1554355.2/9

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.201 χ^2/NDF : 5.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.163 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

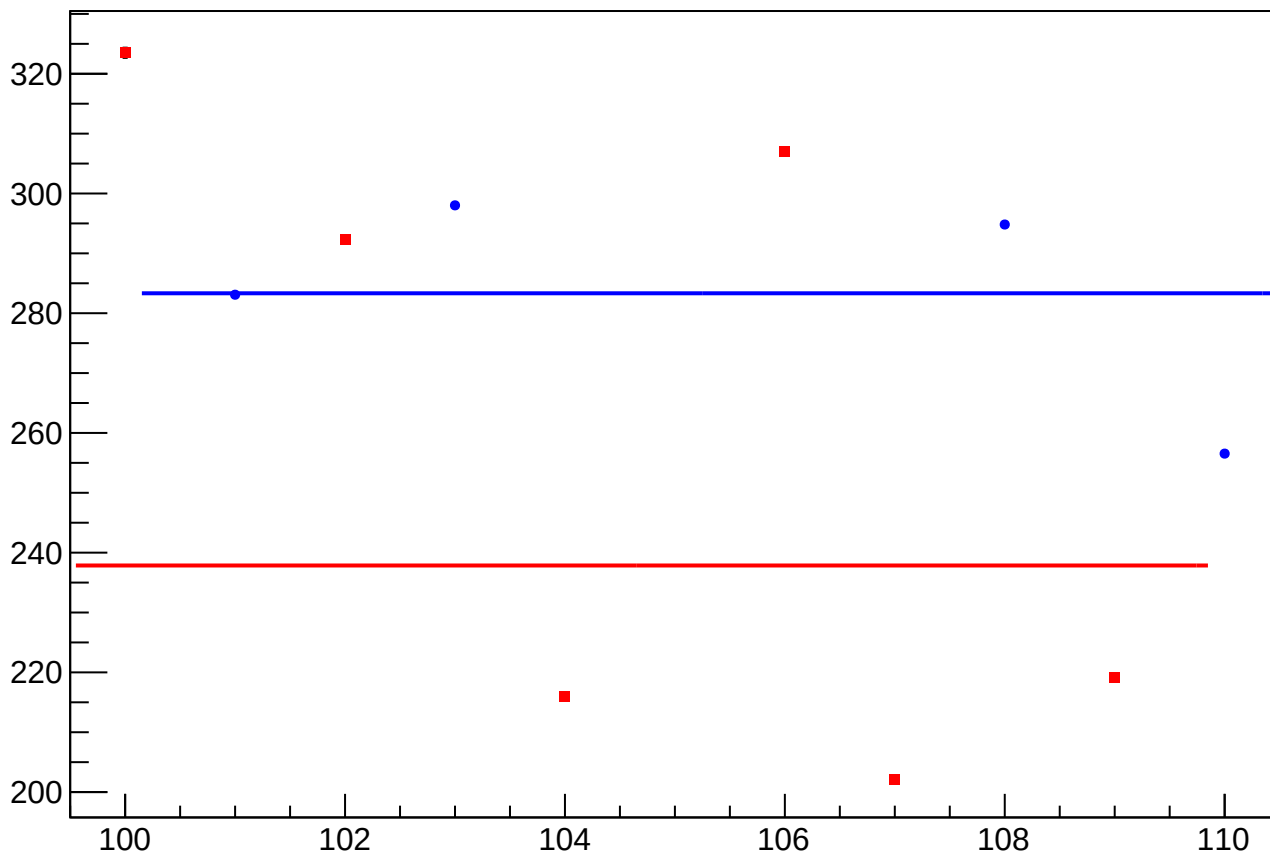
Right: -0.007+/-0.126 χ^2/NDF : 9.0/9

In: -0.040+/-0.201 χ^2/NDF : 5.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.126 χ^2/NDF : 9.0/9

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.329+/-0.142 χ^2/NDF : 12025.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.856+/-0.115 χ^2/NDF : 110512.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

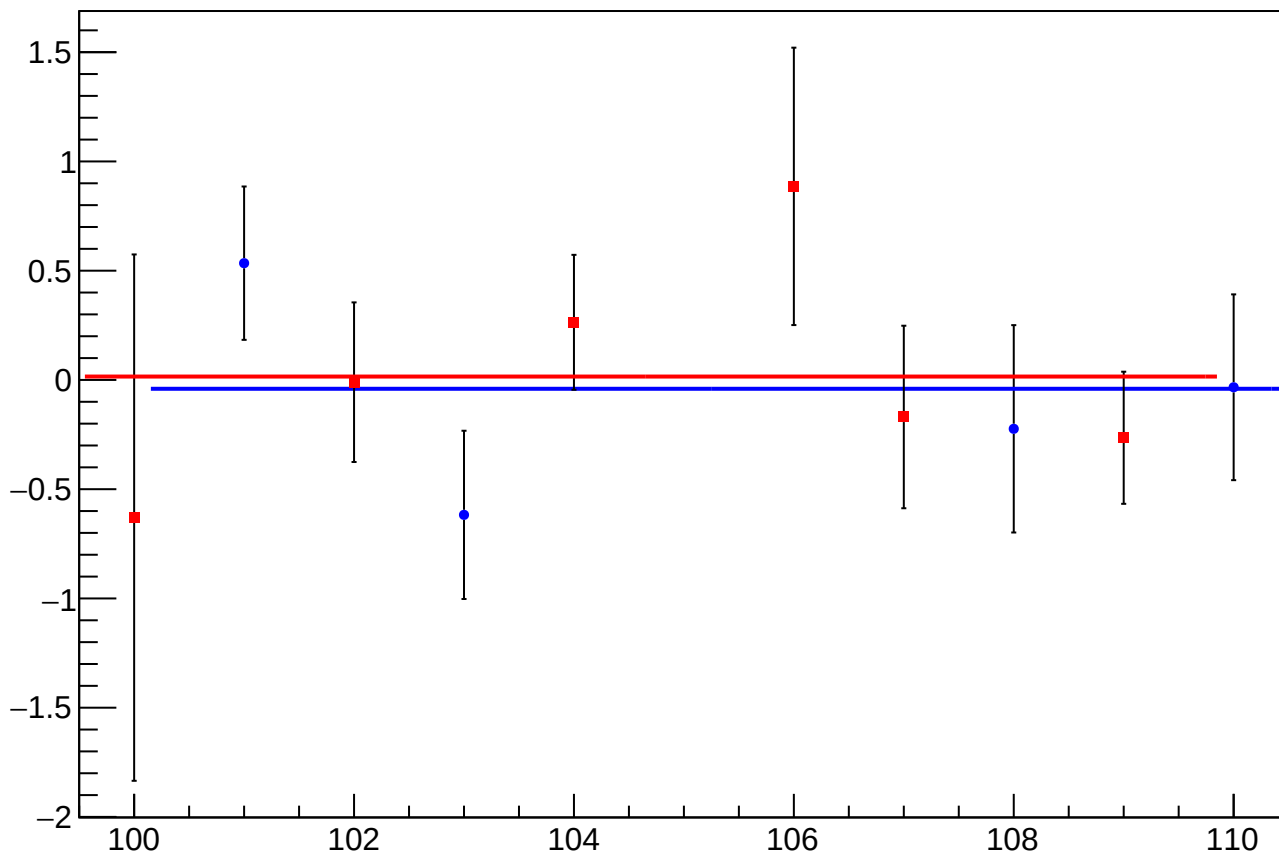
Right: 255.880+/-0.089 χ^2/NDF : 184557.0/9

In: 283.329+/-0.142 χ^2/NDF : 12025.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.880+/-0.089 χ^2/NDF : 184557.0/9

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.201 χ^2 /NDF: 5.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.016 $\pm$ 0.163 χ^2 /NDF: 3.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

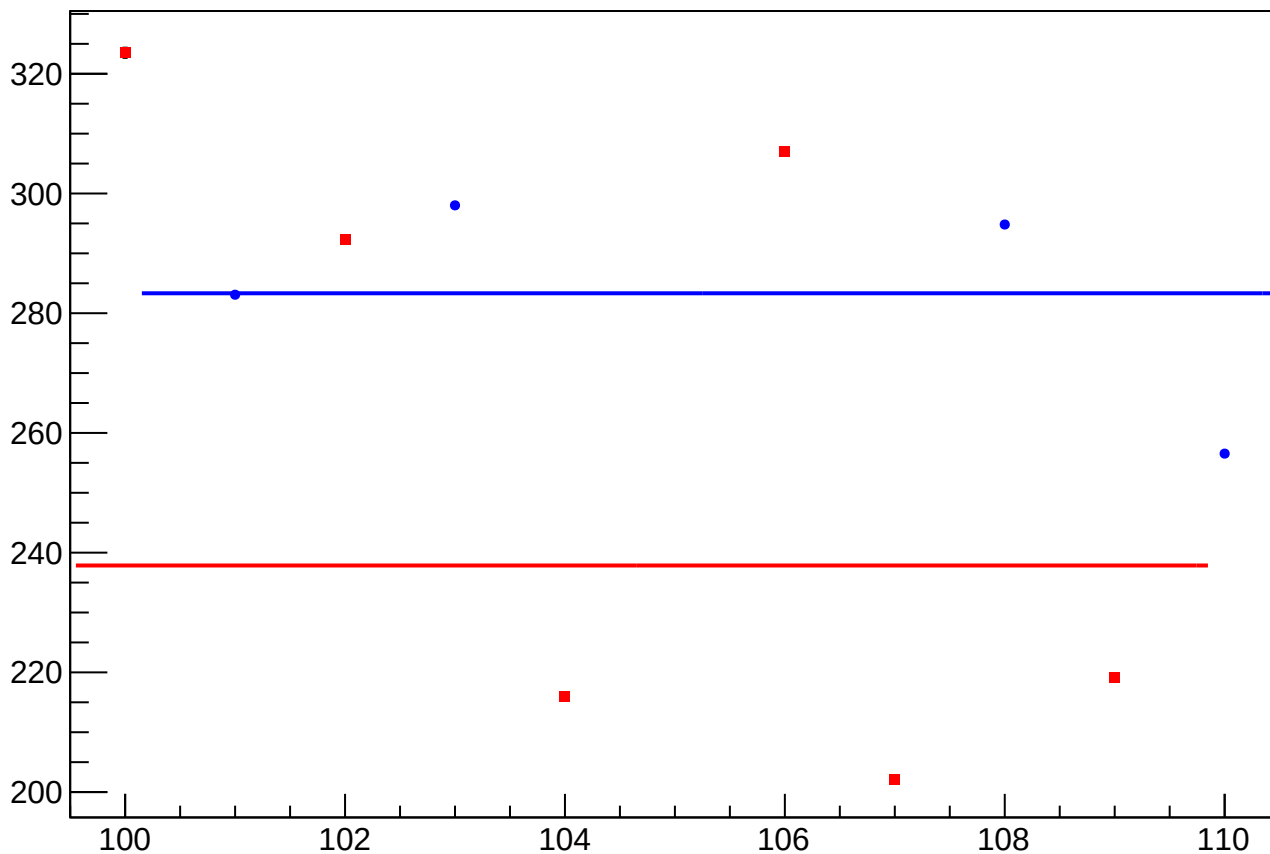
Right: -0.007 $\pm$ 0.126 χ^2 /NDF: 9.0/9

In: -0.040 $\pm$ 0.201 χ^2 /NDF:5.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.126 χ^2 /NDF: 9.0/9

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.329+/-0.142 χ^2/NDF : 12025.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.856+/-0.115 χ^2/NDF : 110512.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

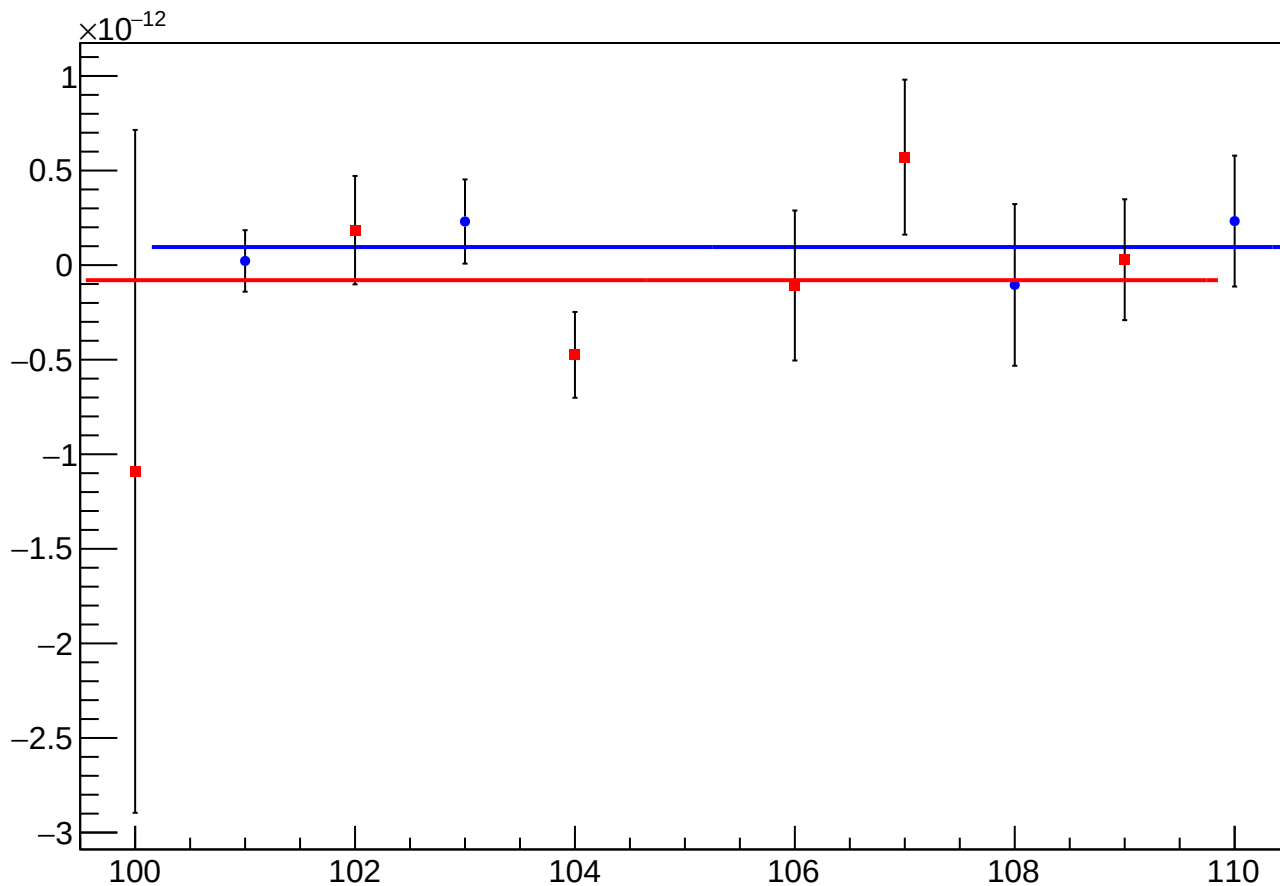
Right: 255.880+/-0.089 χ^2/NDF : 184557.0/9

In: 283.329+/-0.142 χ^2/NDF : 12025.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.880+/-0.089 χ^2/NDF : 184557.0/9

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

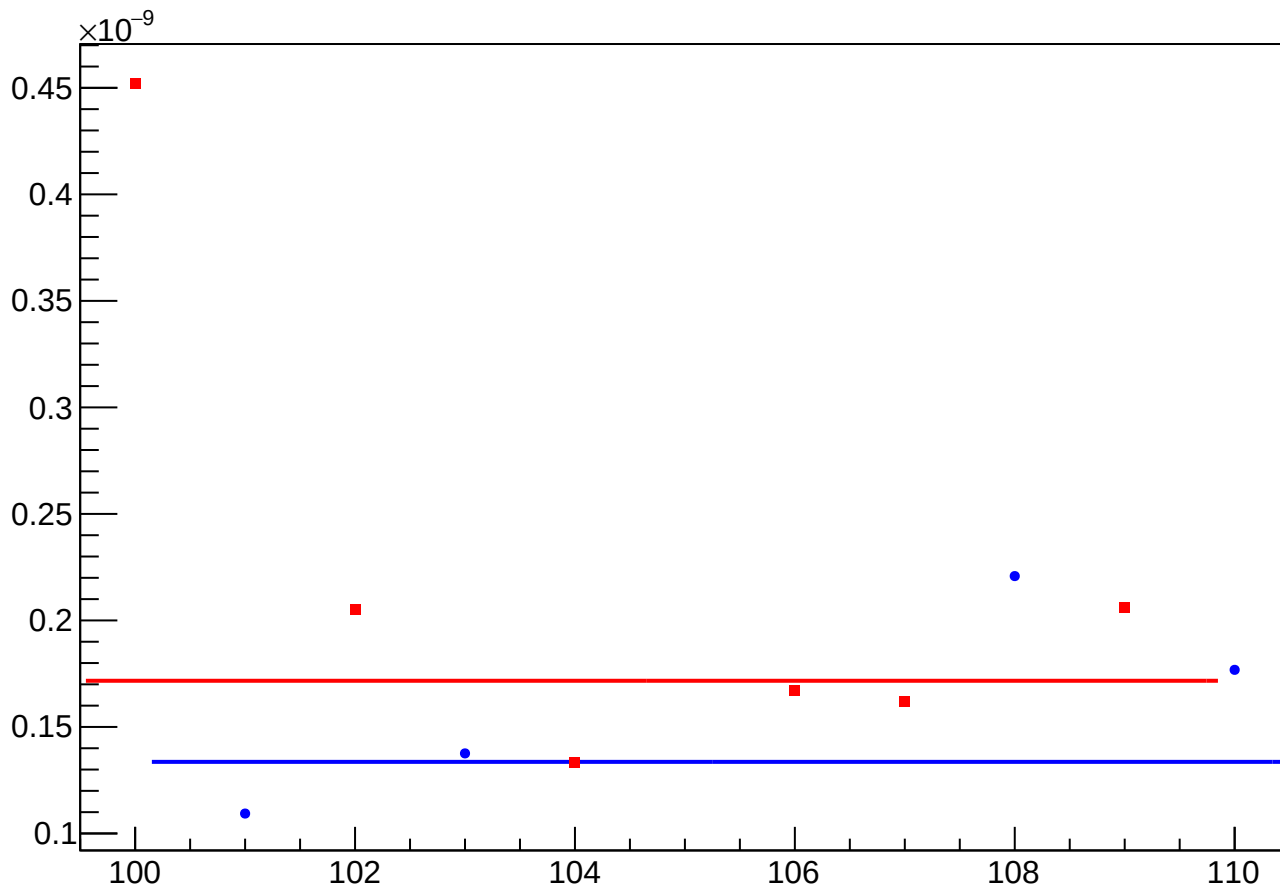
Right: 0.000+/-0.000 χ^2/NDF : 8.7/9

In: 0.000+/-0.000 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.7/9

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 159625.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 156882.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

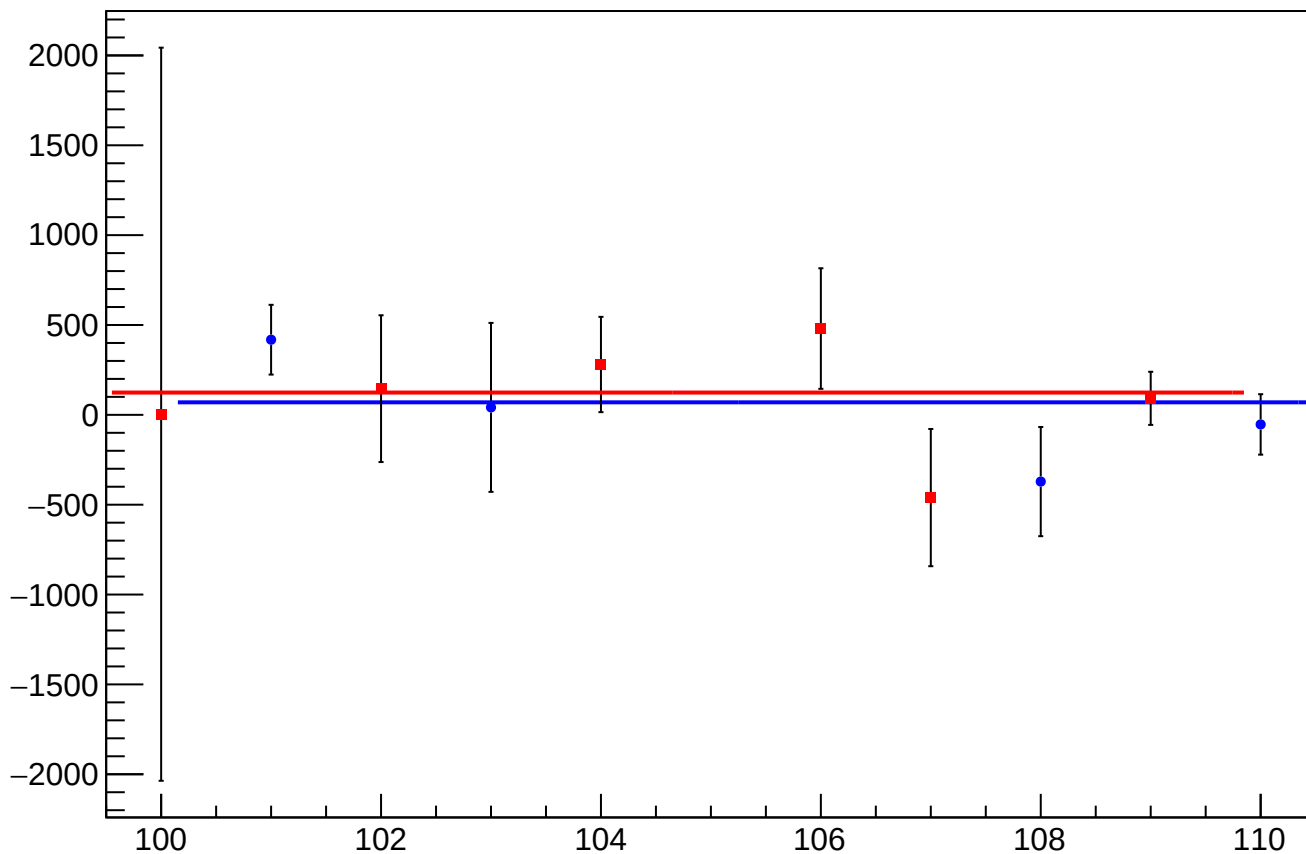
Right: 0.000+/-0.000 χ^2/NDF : 405875.5/9

In: 0.000+/-0.000 χ^2/NDF : 159625.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 405875.5/9

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 69.610+/-113.771 χ^2/NDF : 5.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.109+/-110.436 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

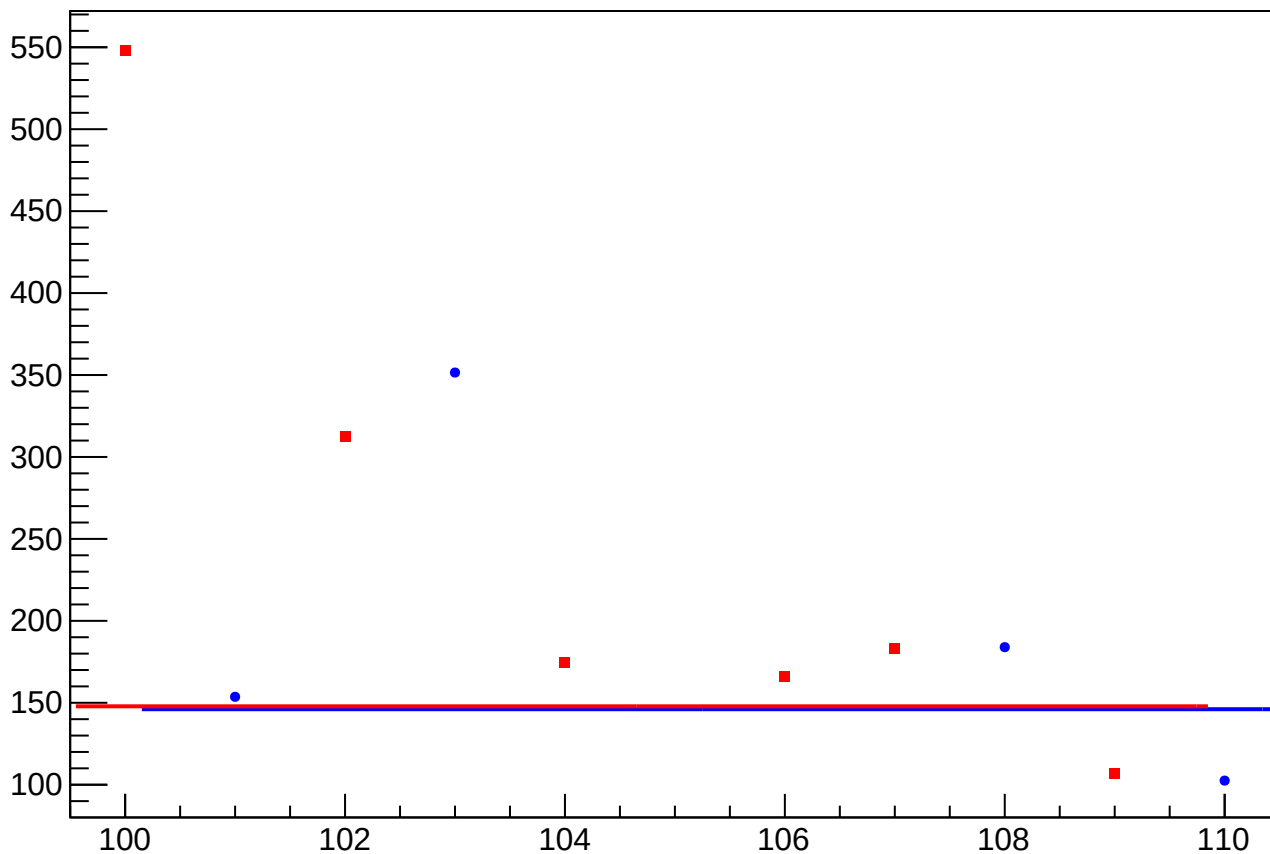
Right: 97.670+/-79.243 χ^2/NDF : 9.9/9

In: 69.610+/-113.771 χ^2/NDF : 5.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.670+/-79.243 χ^2/NDF : 9.9/9

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 146.085 $\pm$ 0.080 χ^2 /NDF: 550137.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 147.847 $\pm$ 0.078 χ^2 /NDF: 598306.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

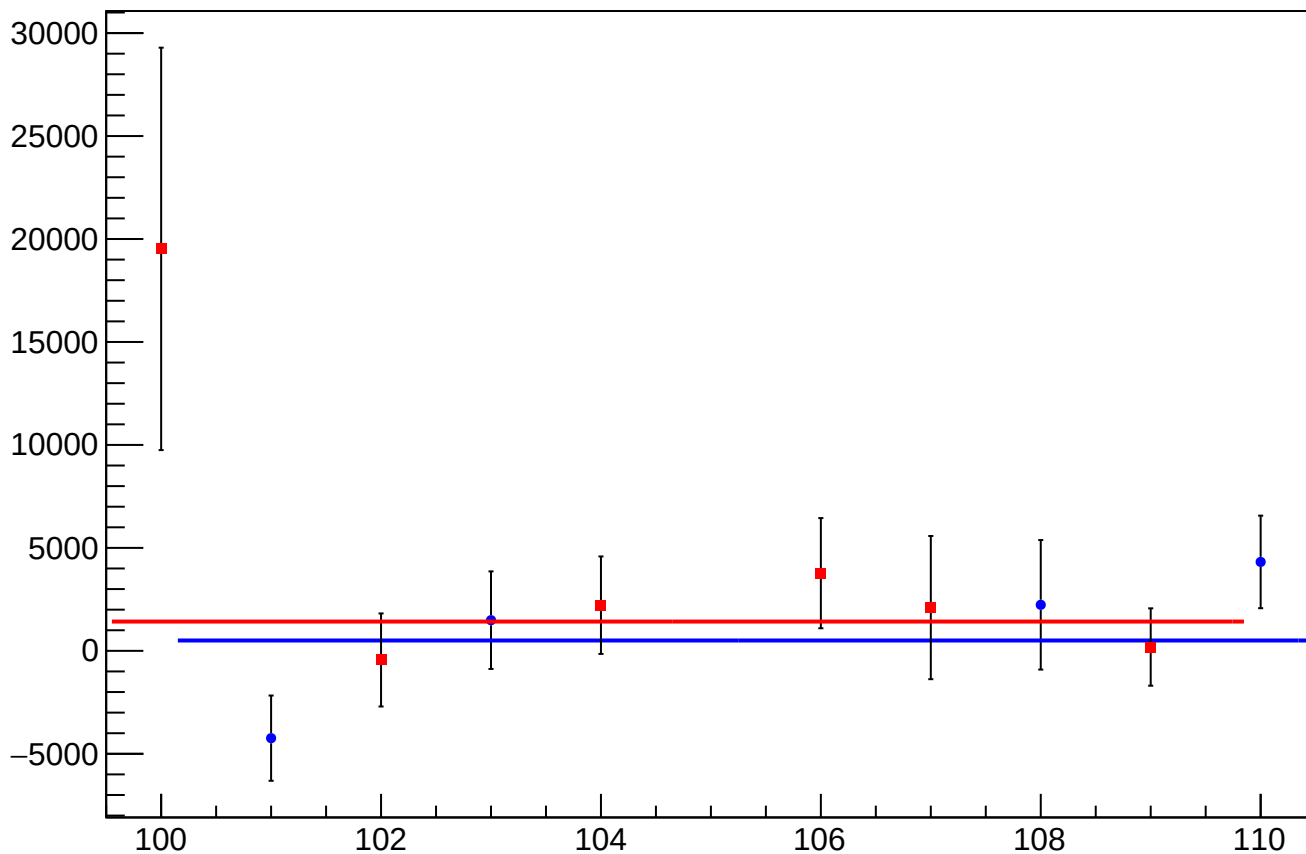
Right: 146.992 $\pm$ 0.056 χ^2 /NDF: 1148691.1/9

In: 146.085 $\pm$ 0.080 χ^2 /NDF:550137.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 146.992 $\pm$ 0.056 χ^2 /NDF: 1148691.1/9

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: 502.784+/-1186.430 χ^2/NDF : 8.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1422.515+/-1059.636 χ^2/NDF : 5.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

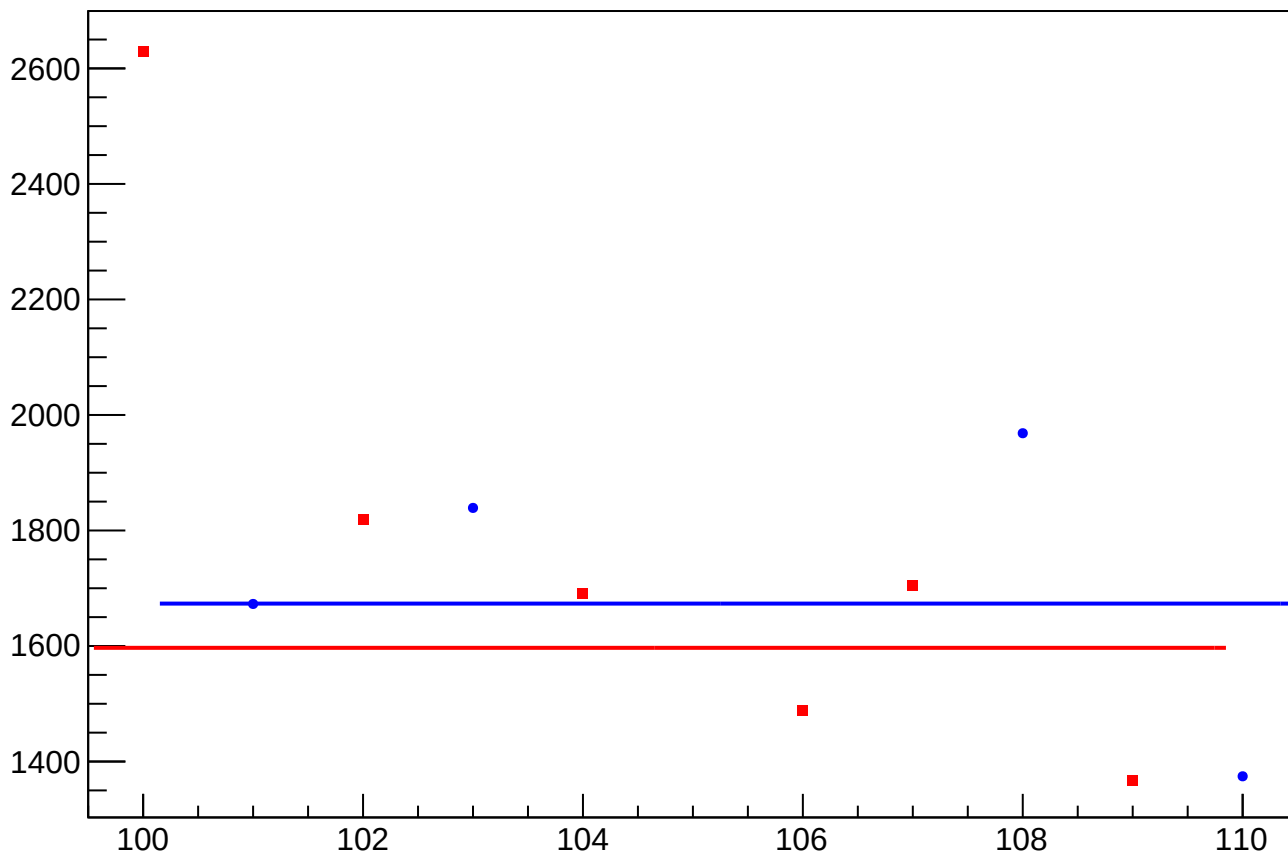
Right: 1014.405+/-790.315 χ^2/NDF : 14.4/9

In: 502.784+/-1186.430 χ^2/NDF : 8.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.405+/-790.315 χ^2/NDF : 14.4/9

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1673.438+/-0.839 χ^2/NDF : 62757.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1596.852+/-0.749 χ^2/NDF : 79763.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

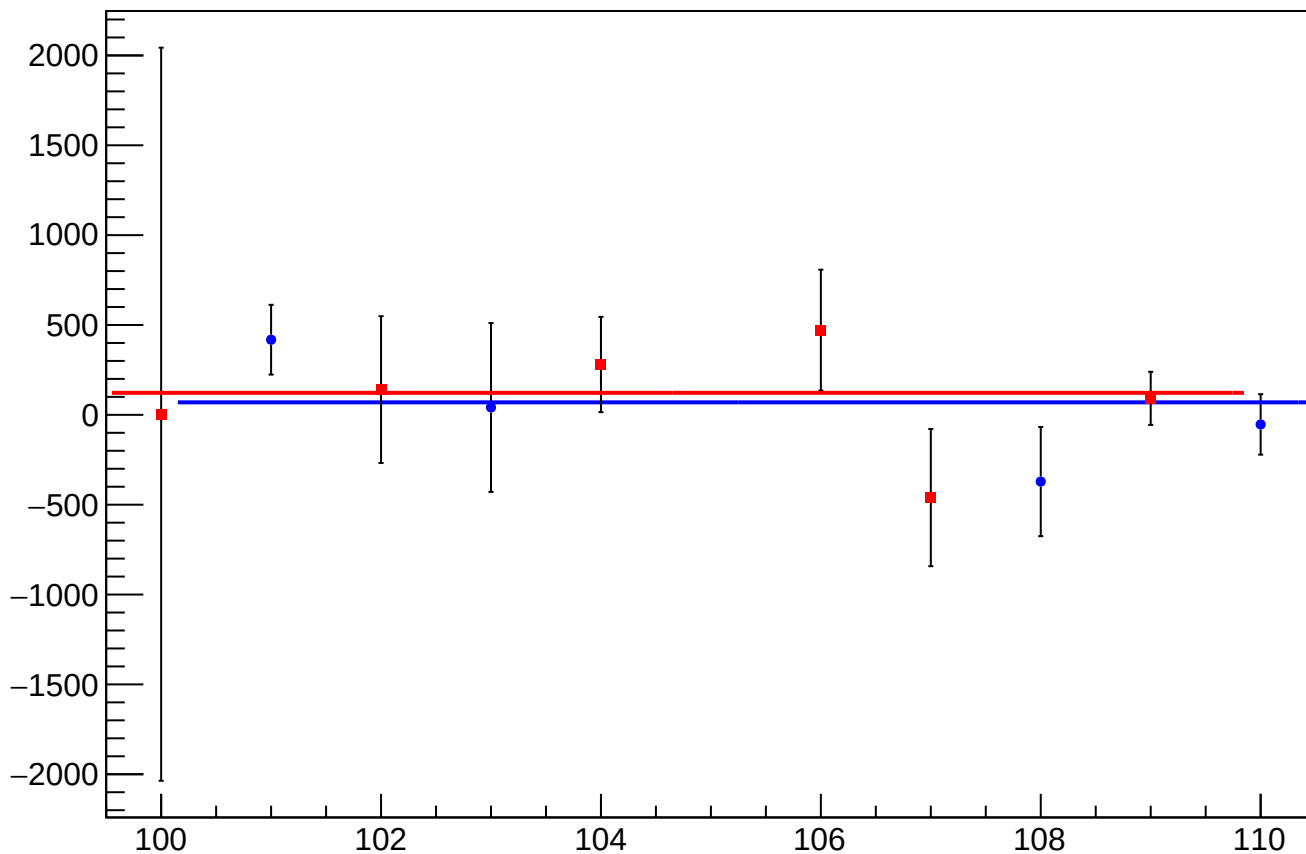
Right: 1630.835+/-0.559 χ^2/NDF : 147157.7/9

In: 1673.438+/-0.839 χ^2/NDF : 62757.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.835+/-0.559 χ^2/NDF : 147157.7/9

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 69.577+/-113.771 χ^2/NDF : 5.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.493+/-110.478 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

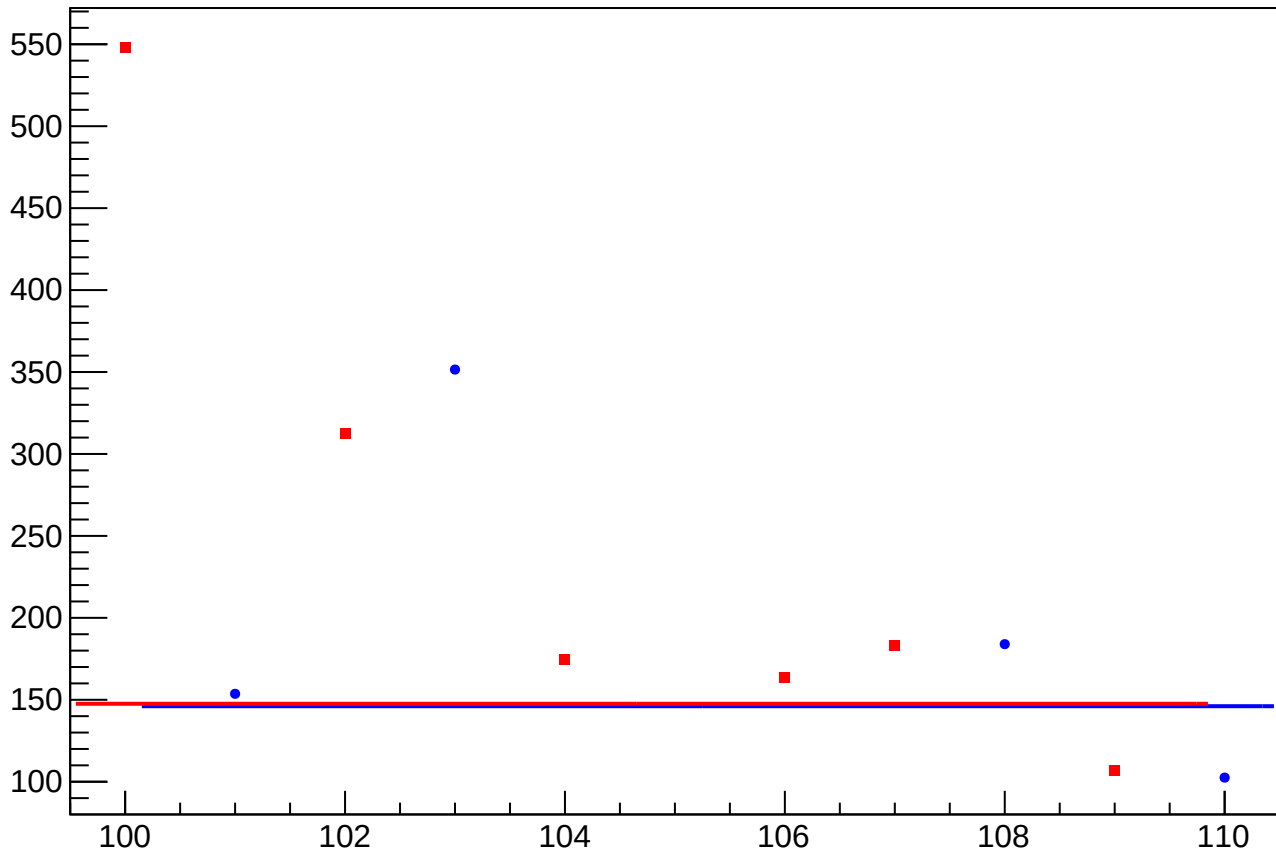
Right: 96.812+/-79.258 χ^2/NDF : 9.8/9

In: 69.577+/-113.771 χ^2/NDF : 5.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.812+/-79.258 χ^2/NDF : 9.8/9

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 146.085 $\pm$ 0.080 χ^2 /NDF: 550140.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 147.568 $\pm$ 0.078 χ^2 /NDF: 596929.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

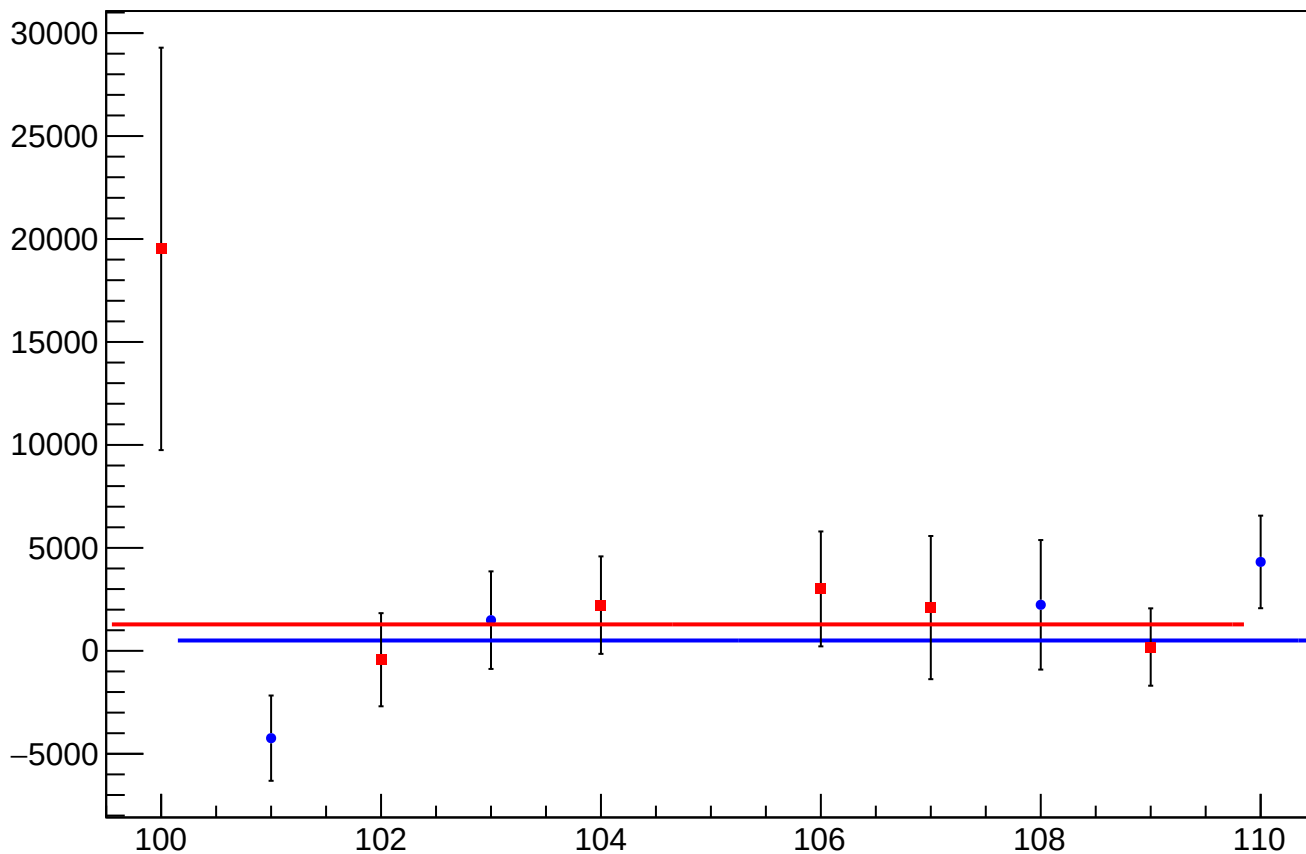
Right: 146.848 $\pm$ 0.056 χ^2 /NDF: 1147245.0/9

In: 146.085 $\pm$ 0.080 χ^2 /NDF:550140.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 146.848 $\pm$ 0.056 χ^2 /NDF: 1147245.0/9

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: 502.900+/-1186.462 χ^2/NDF : 8.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.589+/-1066.630 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

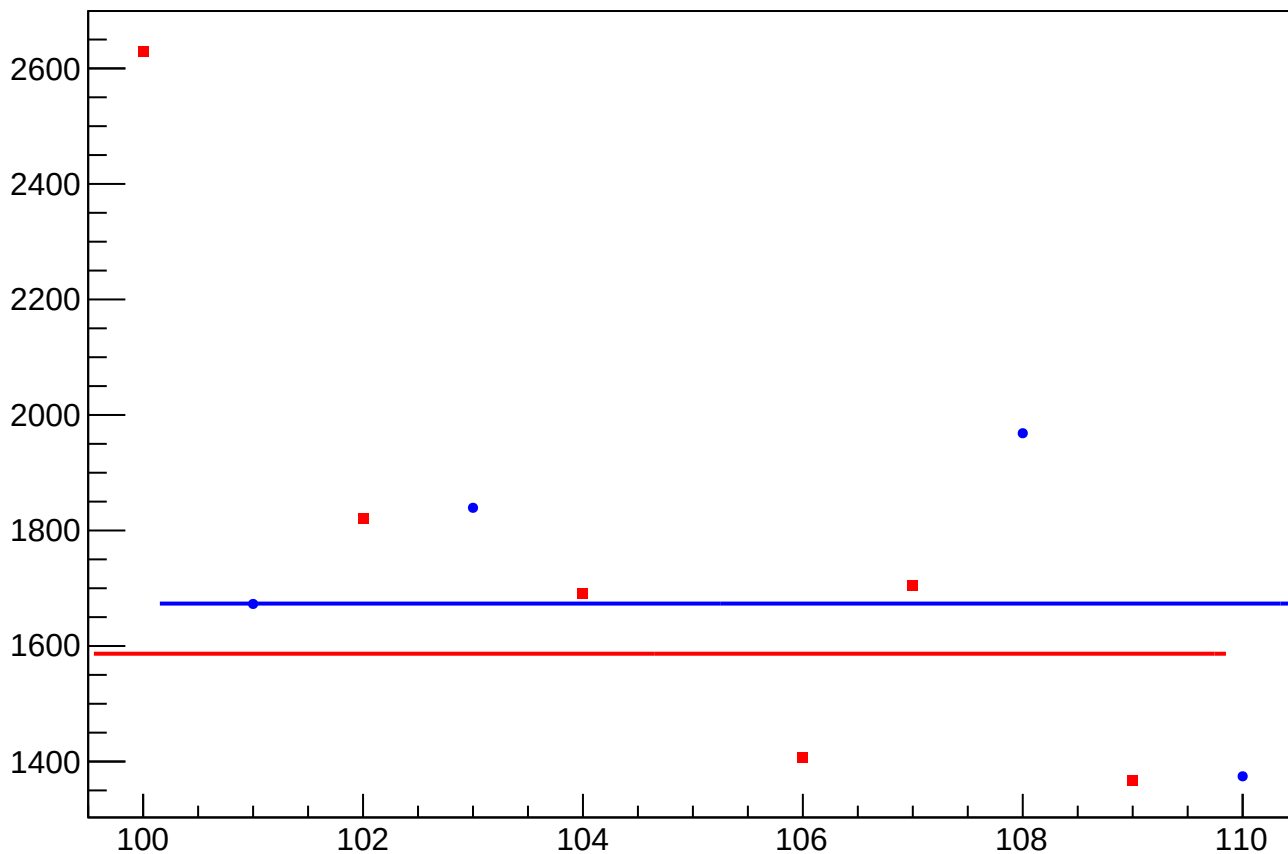
Right: 935.202+/-793.214 χ^2/NDF : 13.8/9

In: 502.900+/-1186.462 χ^2/NDF : 8.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 935.202+/-793.214 χ^2/NDF : 13.8/9

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1673.477+/-0.839 χ^2/NDF : 62779.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1586.660+/-0.754 χ^2/NDF : 85787.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

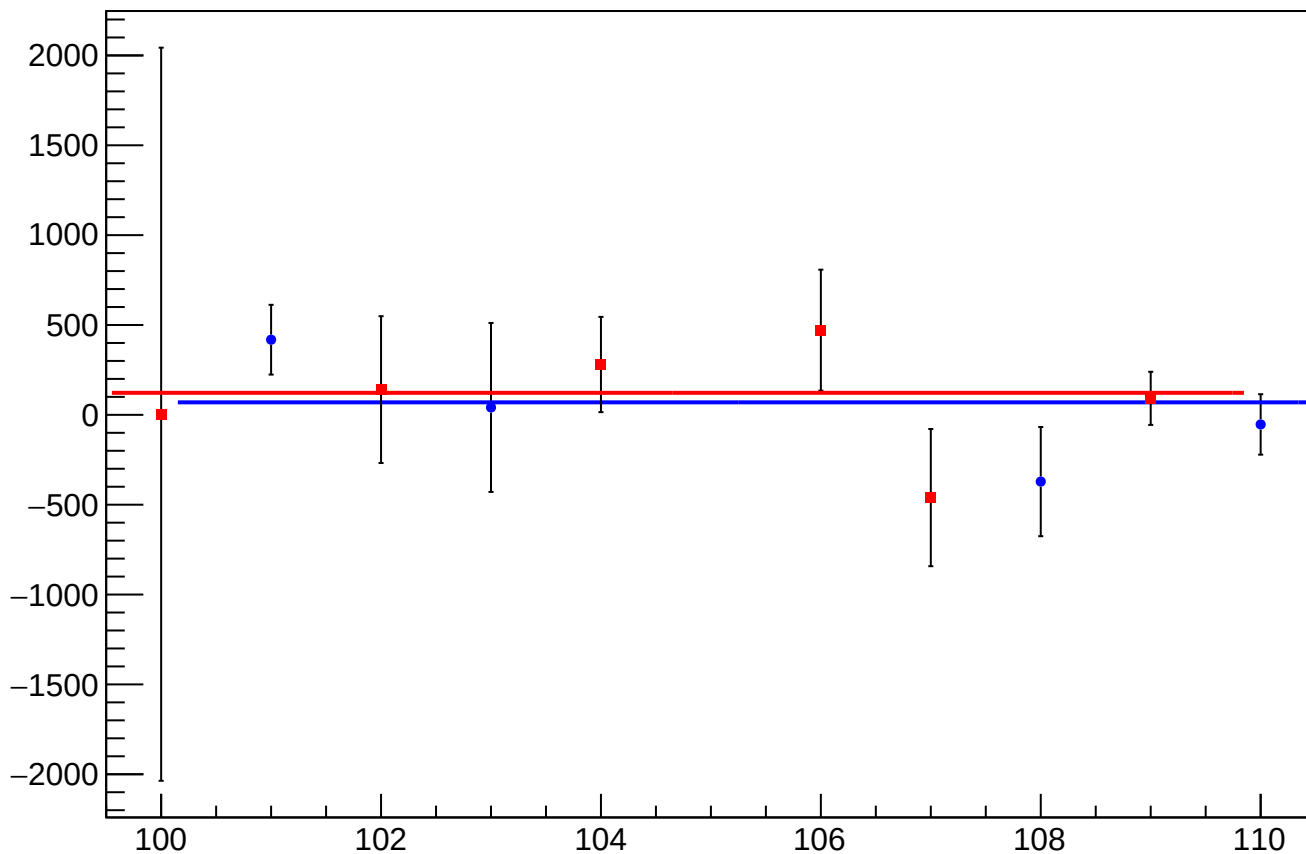
Right: 1625.464+/-0.561 χ^2/NDF : 154488.8/9

In: 1673.477+/-0.839 χ^2/NDF : 62779.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1625.464+/-0.561 χ^2/NDF : 154488.8/9

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 69.577+/-113.771 χ^2/NDF : 5.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.493+/-110.478 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

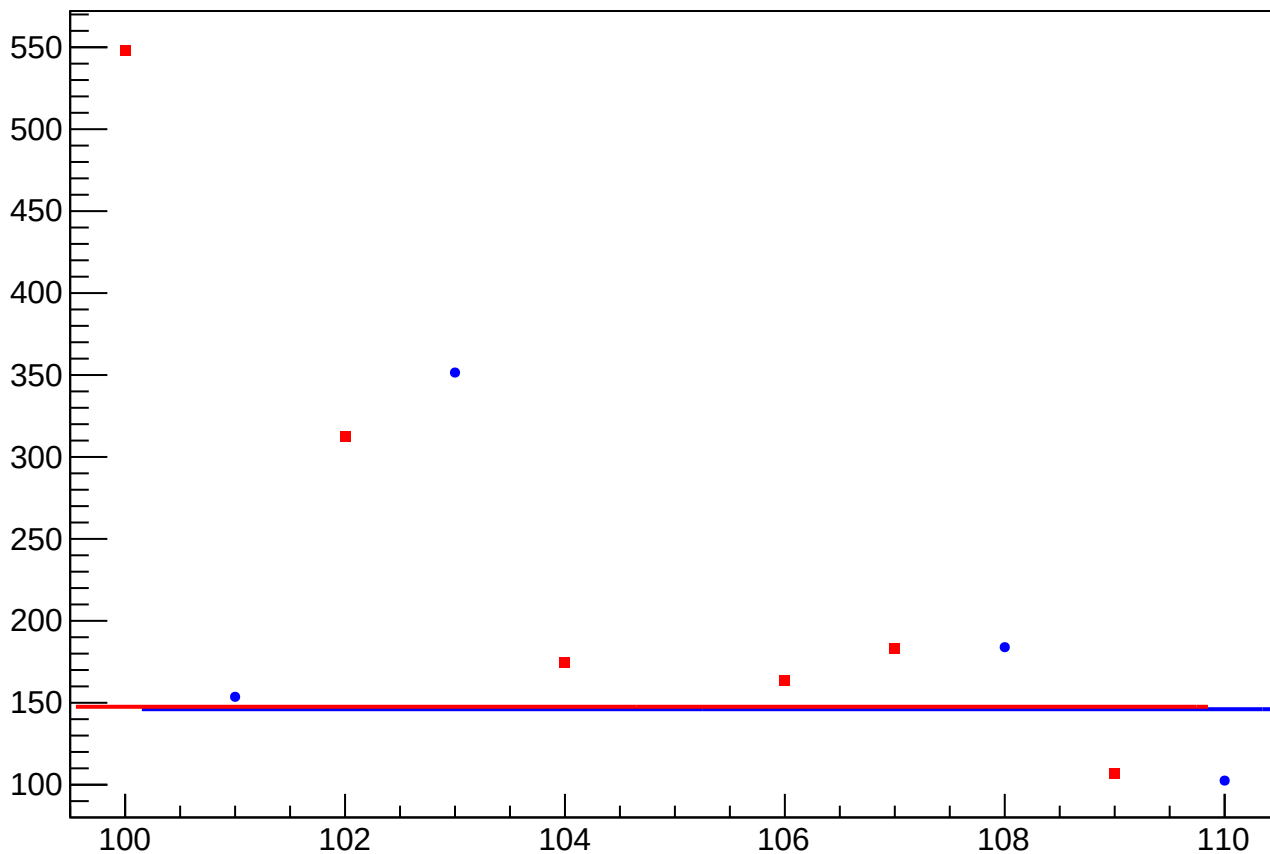
Right: 96.812+/-79.258 χ^2/NDF : 9.8/9

In: 69.577+/-113.771 χ^2/NDF : 5.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.812+/-79.258 χ^2/NDF : 9.8/9

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 146.085+/-0.080 χ^2/NDF : 550140.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.568+/-0.078 χ^2/NDF : 596929.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

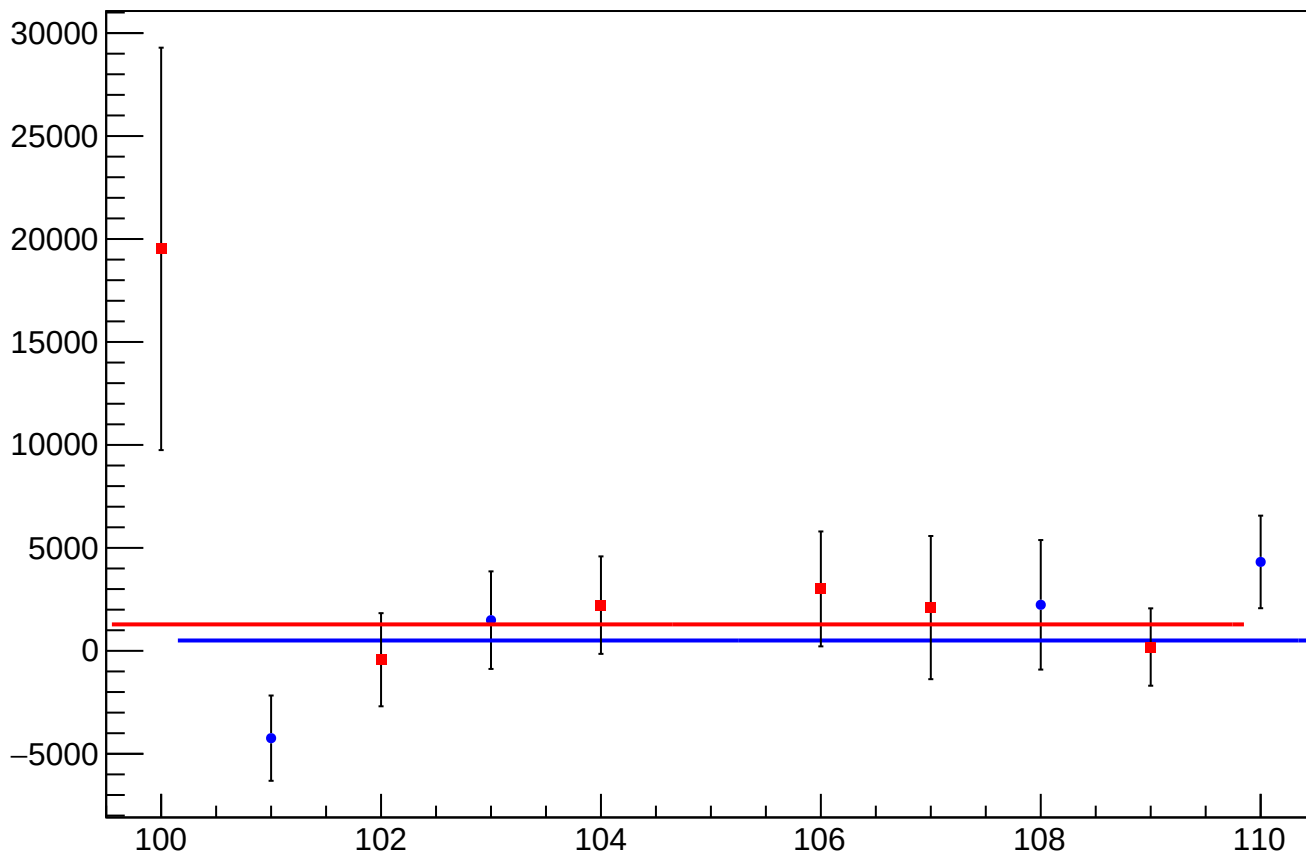
Right: 146.848+/-0.056 χ^2/NDF : 1147245.0/9

In: 146.085+/-0.080 χ^2/NDF : 550140.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.848+/-0.056 χ^2/NDF : 1147245.0/9

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 502.900+/-1186.462 χ^2/NDF : 8.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.589+/-1066.630 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

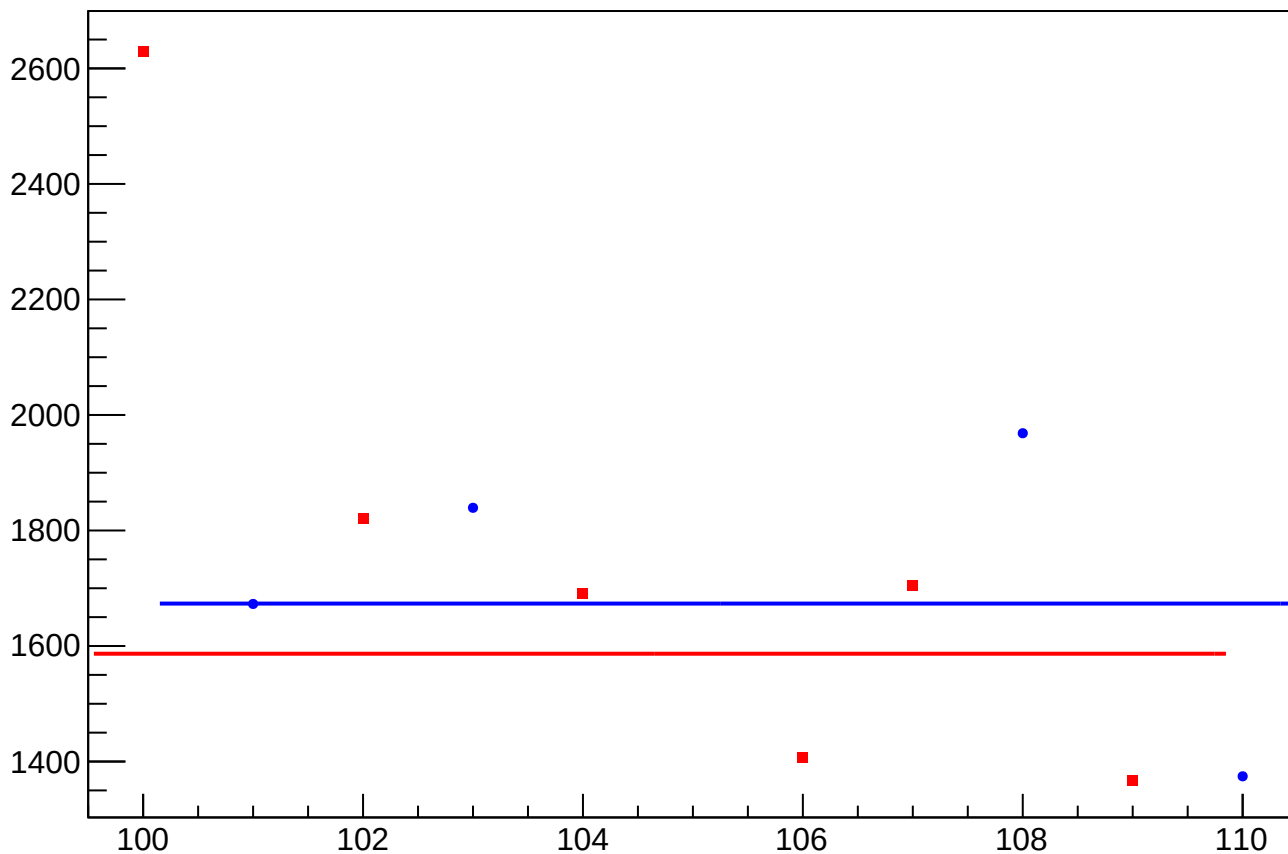
Right: 935.202+/-793.214 χ^2/NDF : 13.8/9

In: 502.900+/-1186.462 χ^2/NDF : 8.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 935.202+/-793.214 χ^2/NDF : 13.8/9

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1673.477+/-0.839 χ^2/NDF : 62779.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1586.660+/-0.754 χ^2/NDF : 85787.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

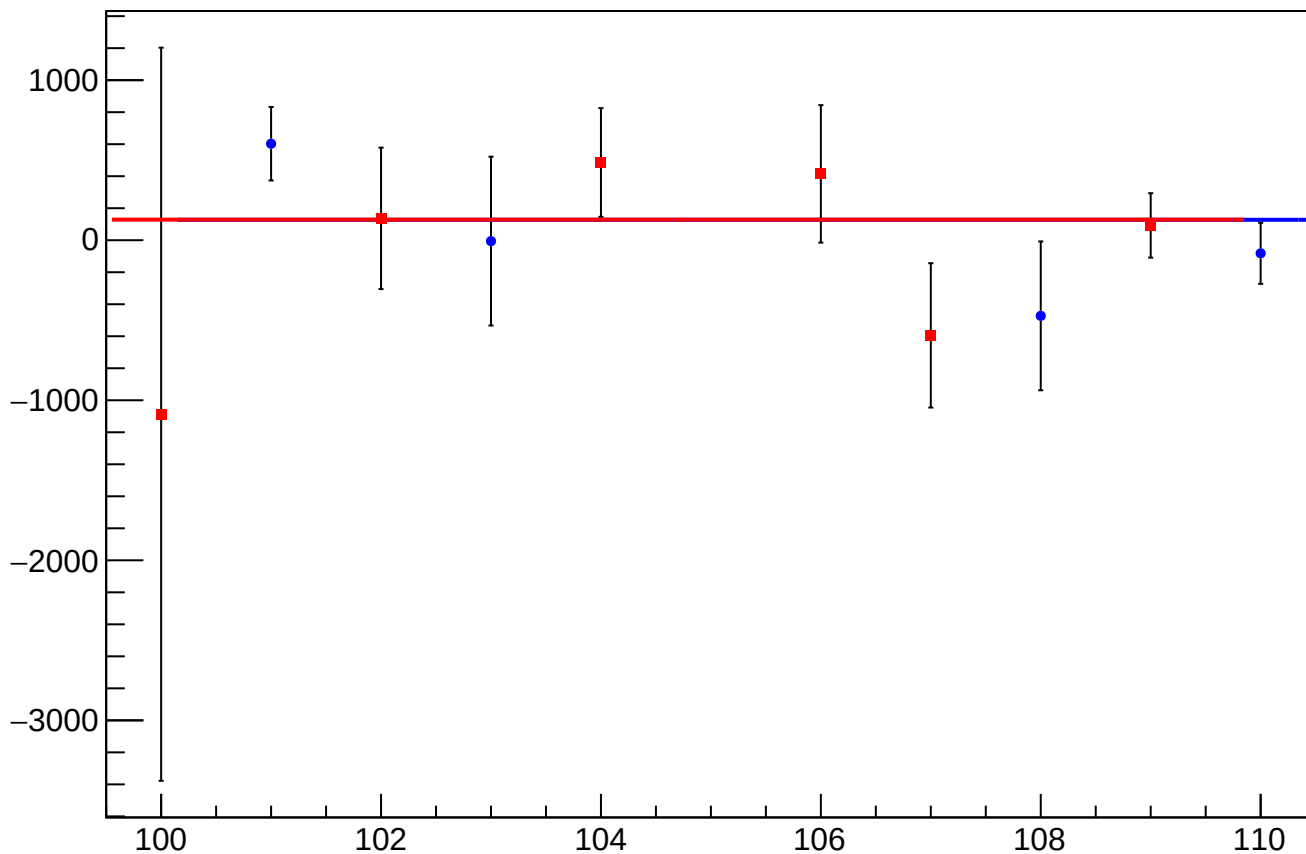
Right: 1625.464+/-0.561 χ^2/NDF : 154488.8/9

In: 1673.477+/-0.839 χ^2/NDF : 62779.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1625.464+/-0.561 χ^2/NDF : 154488.8/9

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 127.657 $\pm$ 135.278 χ^2 /NDF: 7.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128.623 $\pm$ 142.910 χ^2 /NDF: 4.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

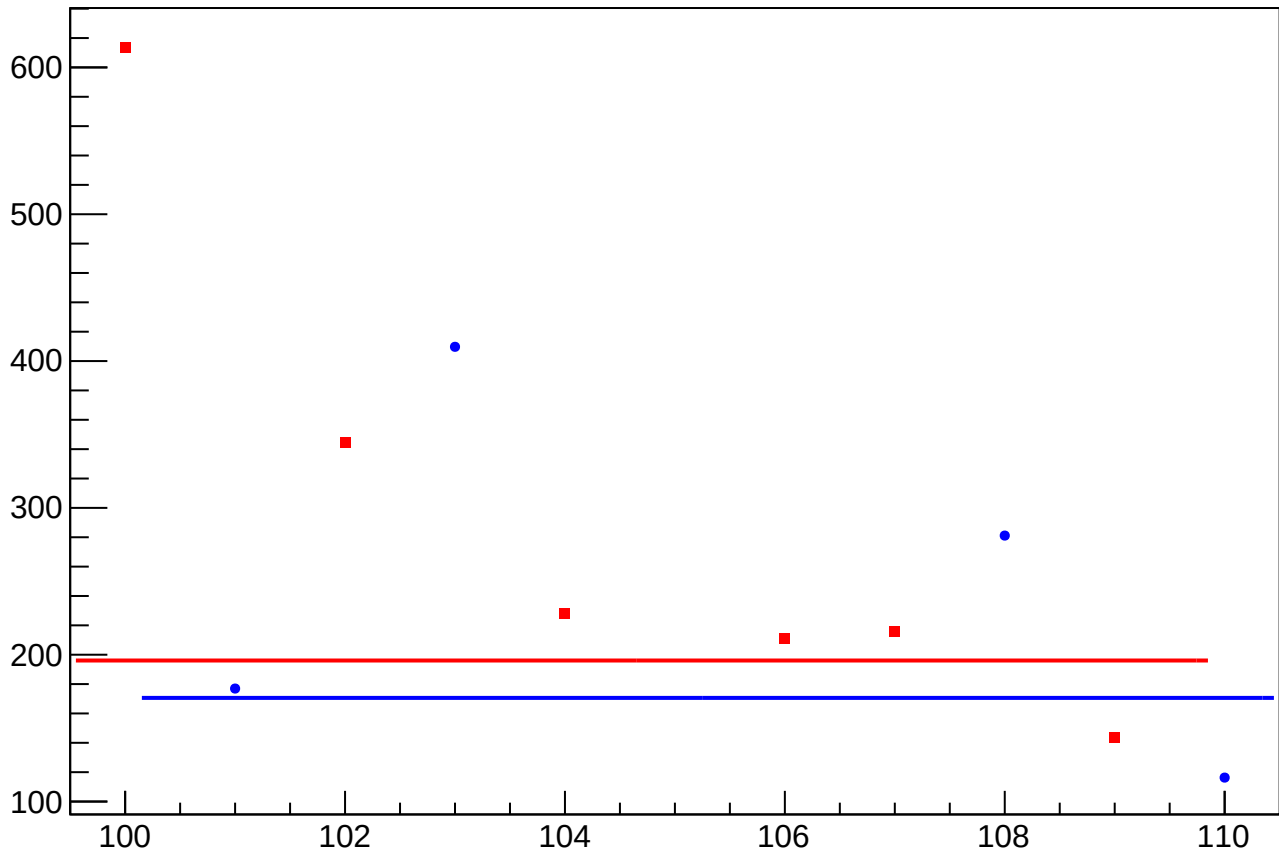
Right: 128.114 $\pm$ 98.243 χ^2 /NDF: 11.7/9

In: 127.657 $\pm$ 135.278 χ^2 /NDF: 7.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.114 $\pm$ 98.243 χ^2 /NDF: 11.7/9

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 170.592 $\pm$ 0.096 χ^2 /NDF: 687536.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 196.054 $\pm$ 0.101 χ^2 /NDF: 453133.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

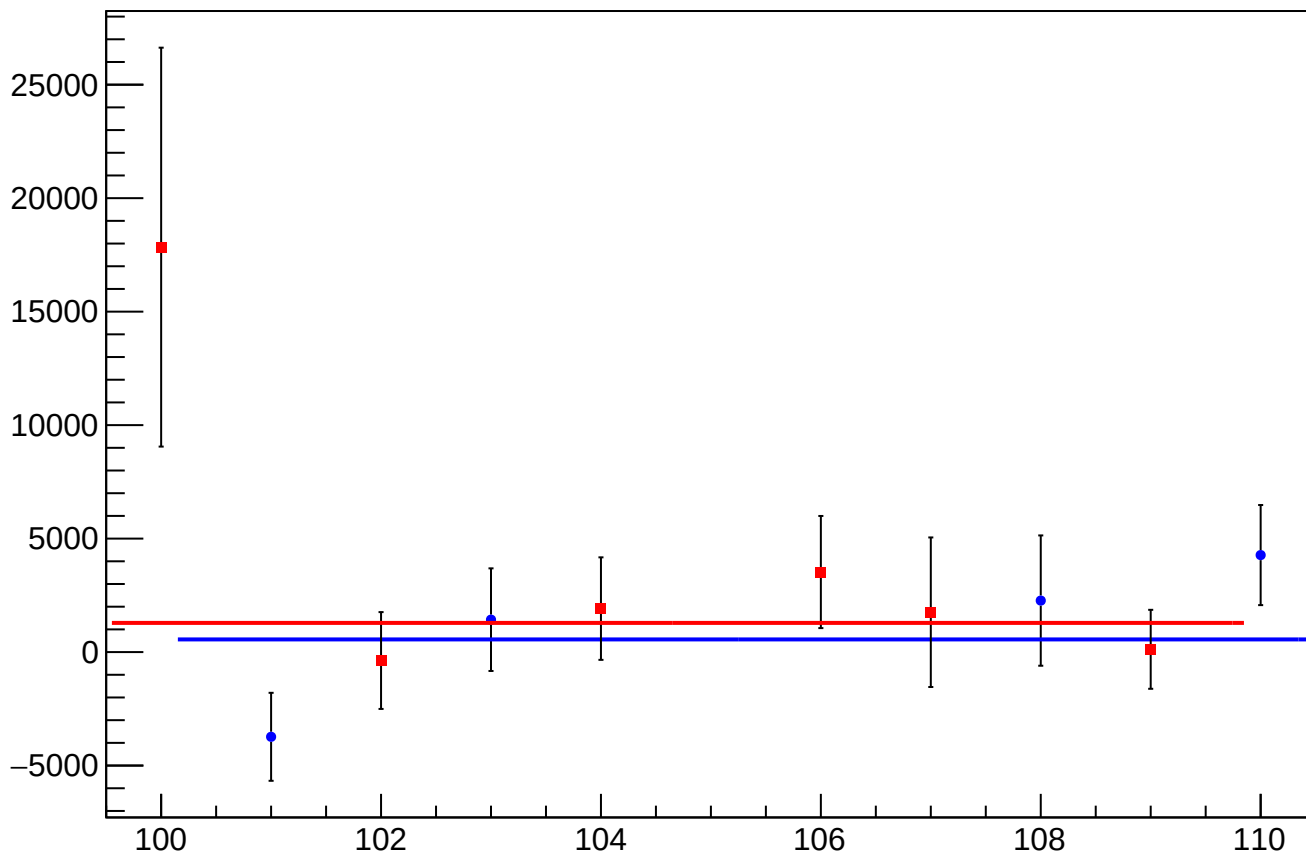
Right: 182.625 $\pm$ 0.069 χ^2 /NDF: 1174154.5/9

In: 170.592 $\pm$ 0.096 χ^2 /NDF: 687536.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.625 $\pm$ 0.069 χ^2 /NDF: 1174154.5/9

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: 557.875+/-1125.939 χ^2/NDF : 8.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.683+/-992.511 χ^2/NDF : 5.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

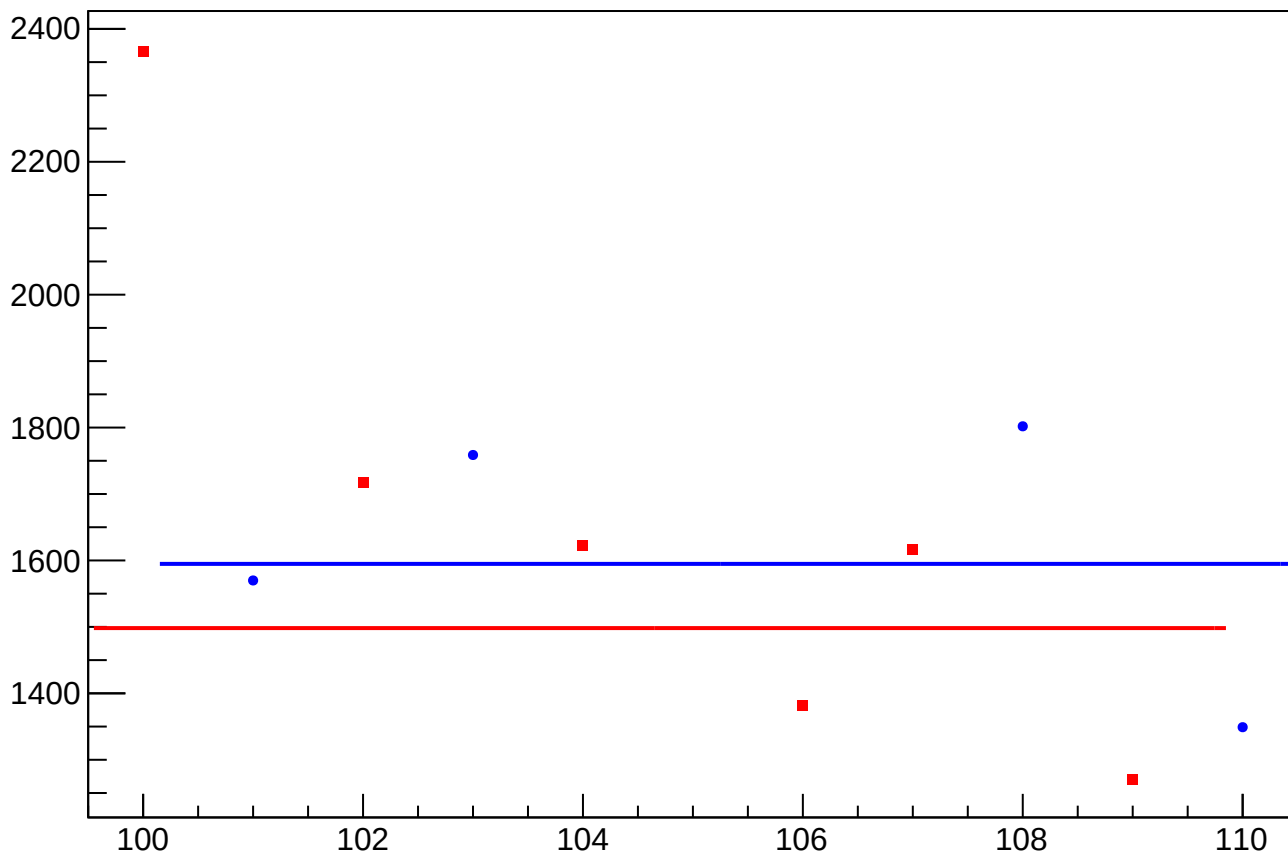
Right: 967.438+/-744.539 χ^2/NDF : 14.0/9

In: 557.875+/-1125.939 χ^2/NDF : 8.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.438+/-744.539 χ^2/NDF : 14.0/9

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1594.839+/-0.796 χ^2/NDF : 46093.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1498.203+/-0.702 χ^2/NDF : 88302.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

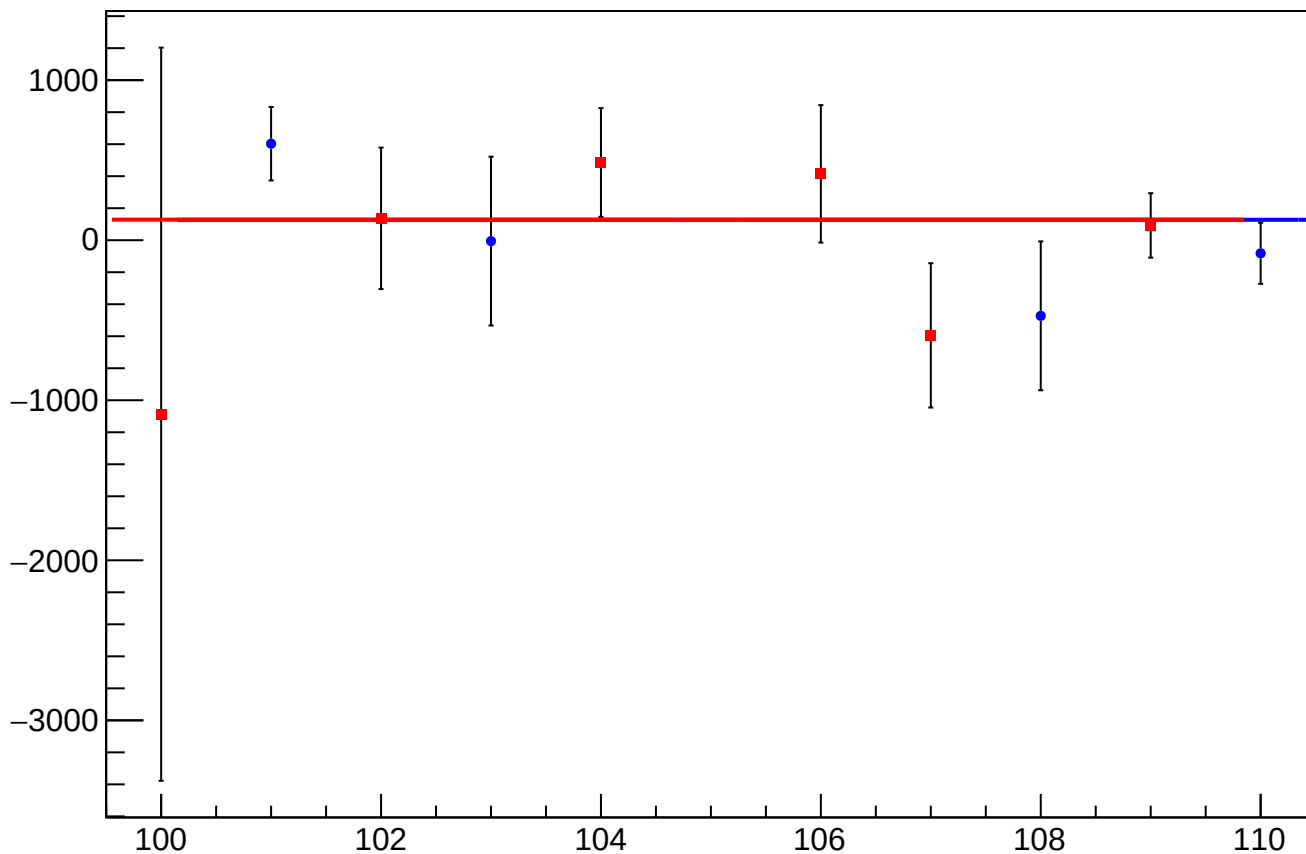
Right: 1540.458+/-0.526 χ^2/NDF : 142686.5/9

In: 1594.839+/-0.796 χ^2/NDF : 46093.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1540.458+/-0.526 χ^2/NDF : 142686.5/9

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 127.658 $\pm$ 135.279 χ^2 /NDF: 7.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 128.622 $\pm$ 142.911 χ^2 /NDF: 4.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

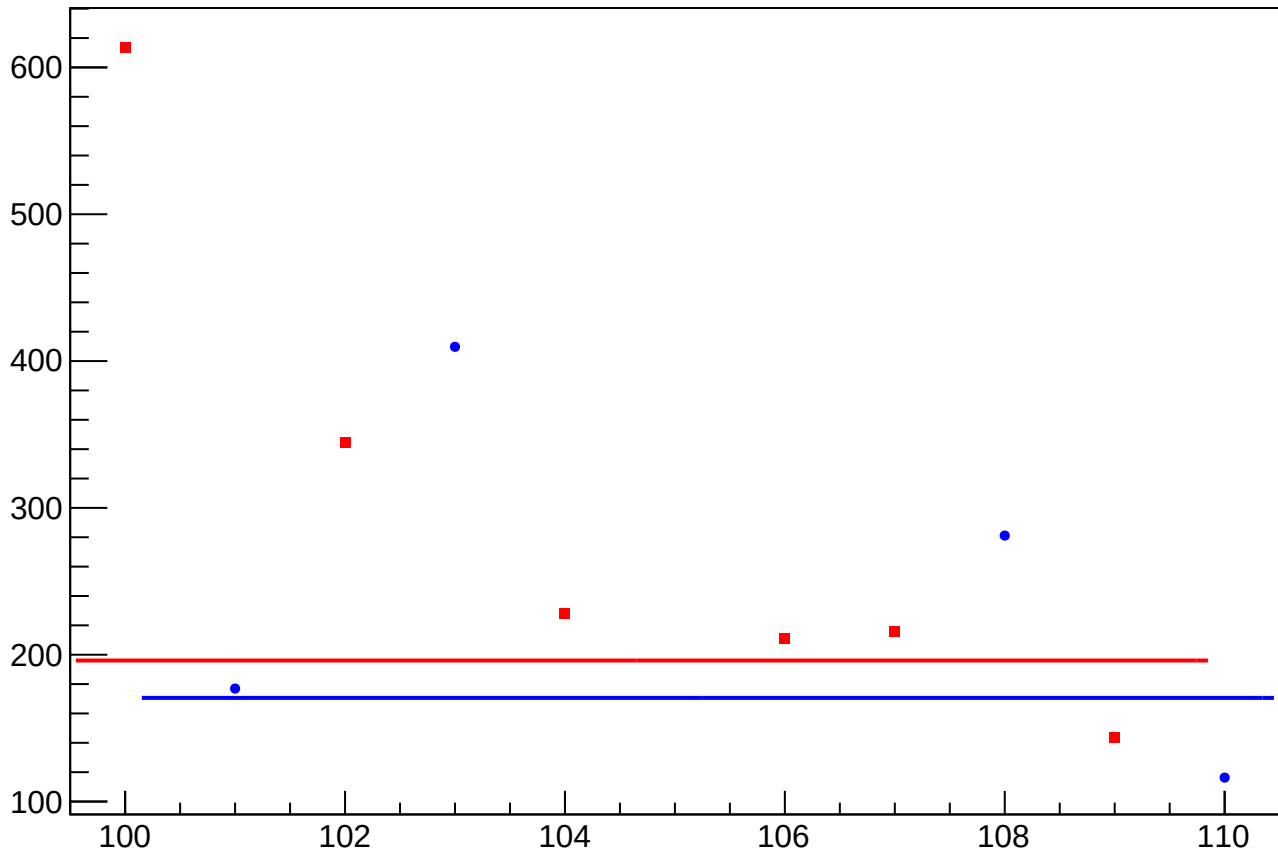
Right: 128.113 $\pm$ 98.244 χ^2 /NDF: 11.7/9

In: 127.658 $\pm$ 135.279 χ^2 /NDF:7.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 128.113 $\pm$ 98.244 χ^2 /NDF: 11.7/9

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 170.593+/-0.096 χ^2/NDF : 687537.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.056+/-0.101 χ^2/NDF : 453135.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

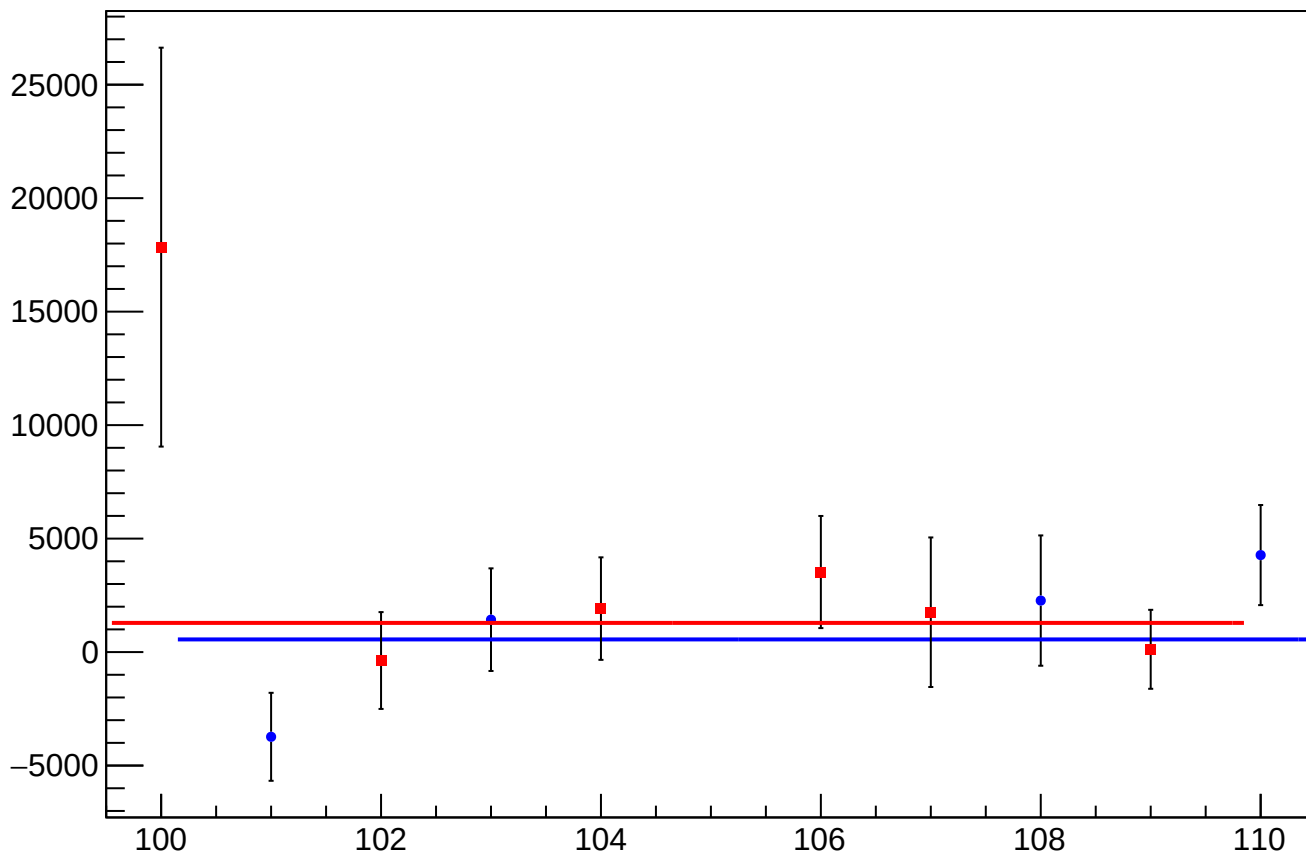
Right: 182.627+/-0.069 χ^2/NDF : 1174159.5/9

In: 170.593+/-0.096 χ^2/NDF : 687537.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.627+/-0.069 χ^2/NDF : 1174159.5/9

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 557.869+/-1125.936 χ^2 /NDF: 8.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1285.680+/-992.509 χ^2 /NDF: 5.5/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

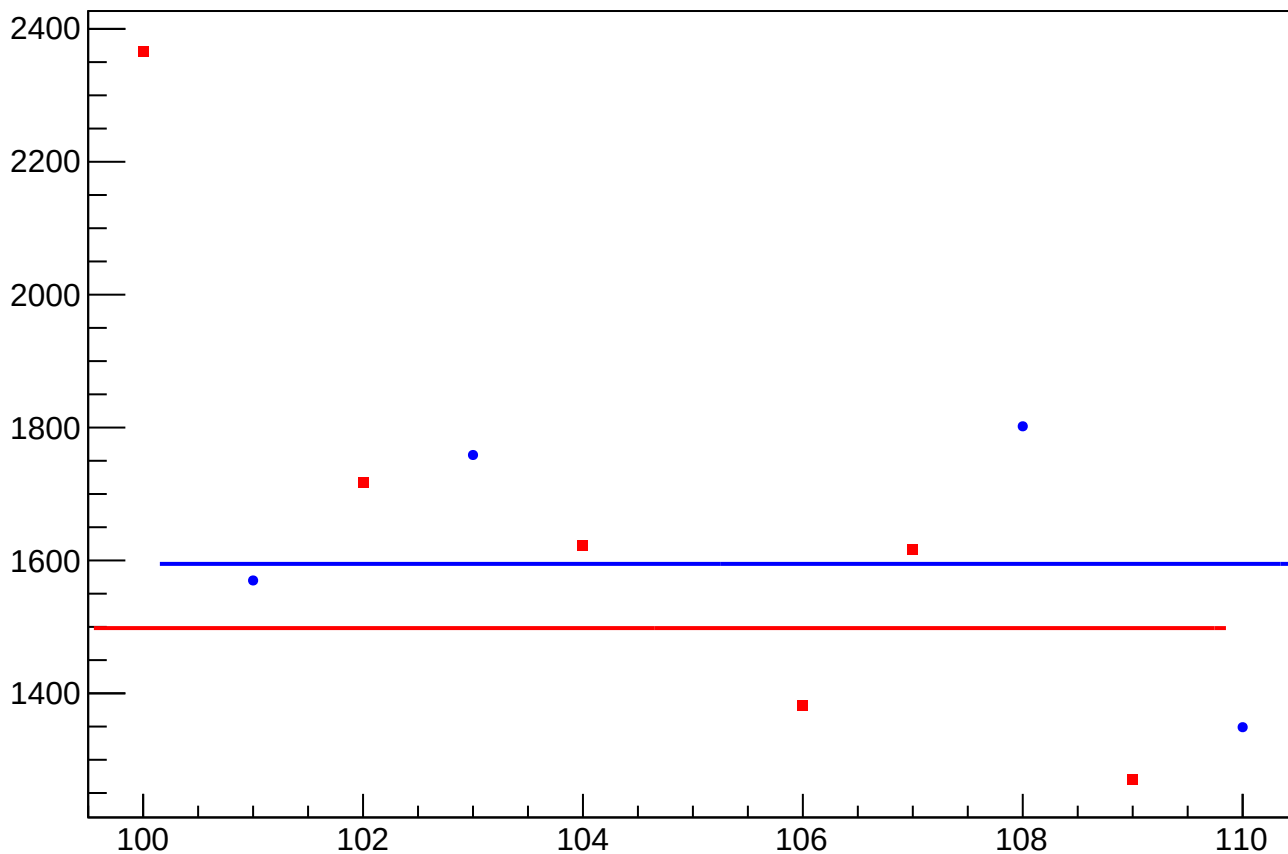
Right: 967.433+/-744.537 χ^2 /NDF: 14.0/9

In: 557.869+/-1125.936 χ^2 /NDF:8.2/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 967.433+/-744.537 χ^2 /NDF: 14.0/9

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1594.834+/-0.796 χ^2/NDF : 46092.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1498.199+/-0.702 χ^2/NDF : 88301.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

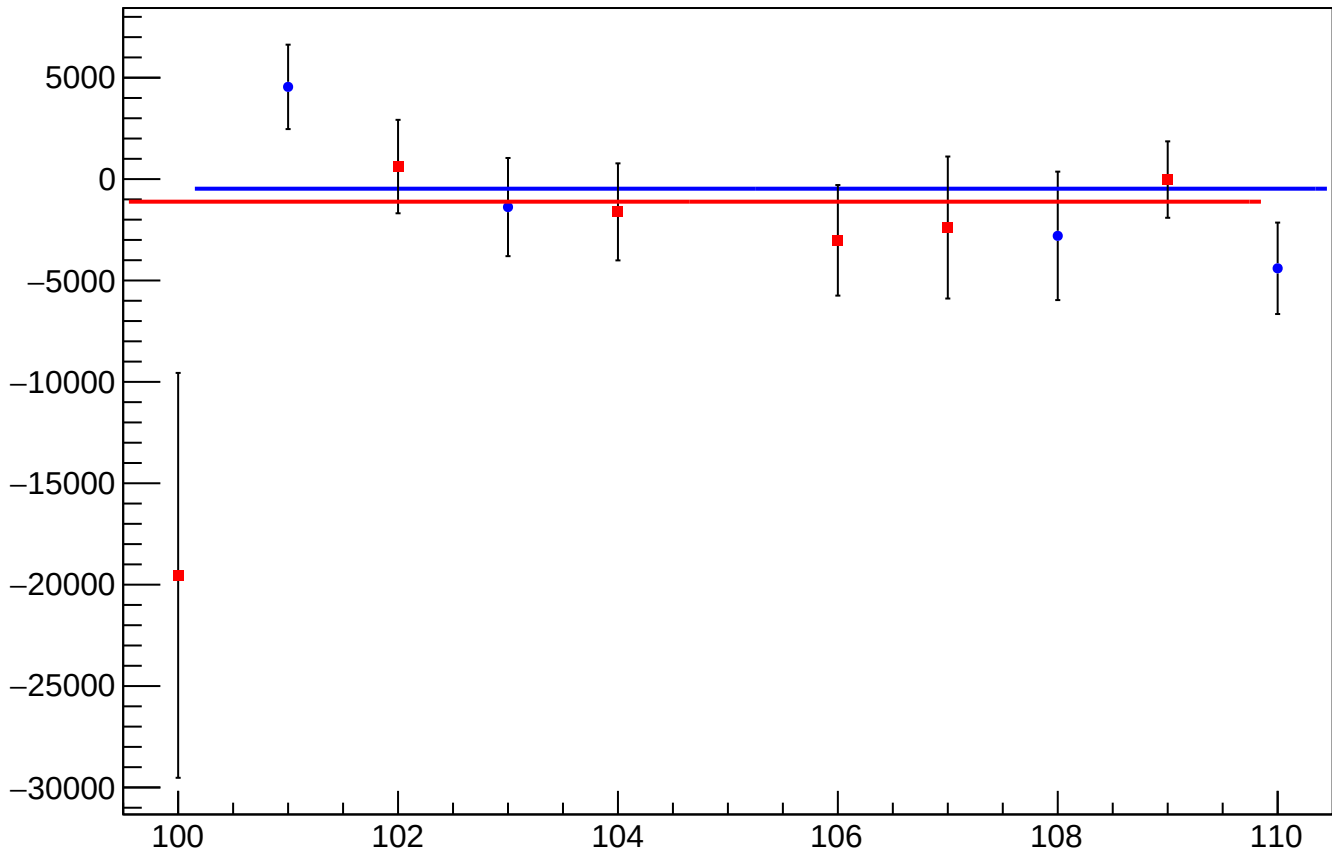
Right: 1540.454+/-0.526 χ^2/NDF : 142684.1/9

In: 1594.834+/-0.796 χ^2/NDF : 46092.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1540.454+/-0.526 χ^2/NDF : 142684.1/9

asym_sam3_mean vs Slug, Sign Corrected



Right In: -473.442+/-1196.980 χ^2/NDF : 9.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1113.591+/-1071.699 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

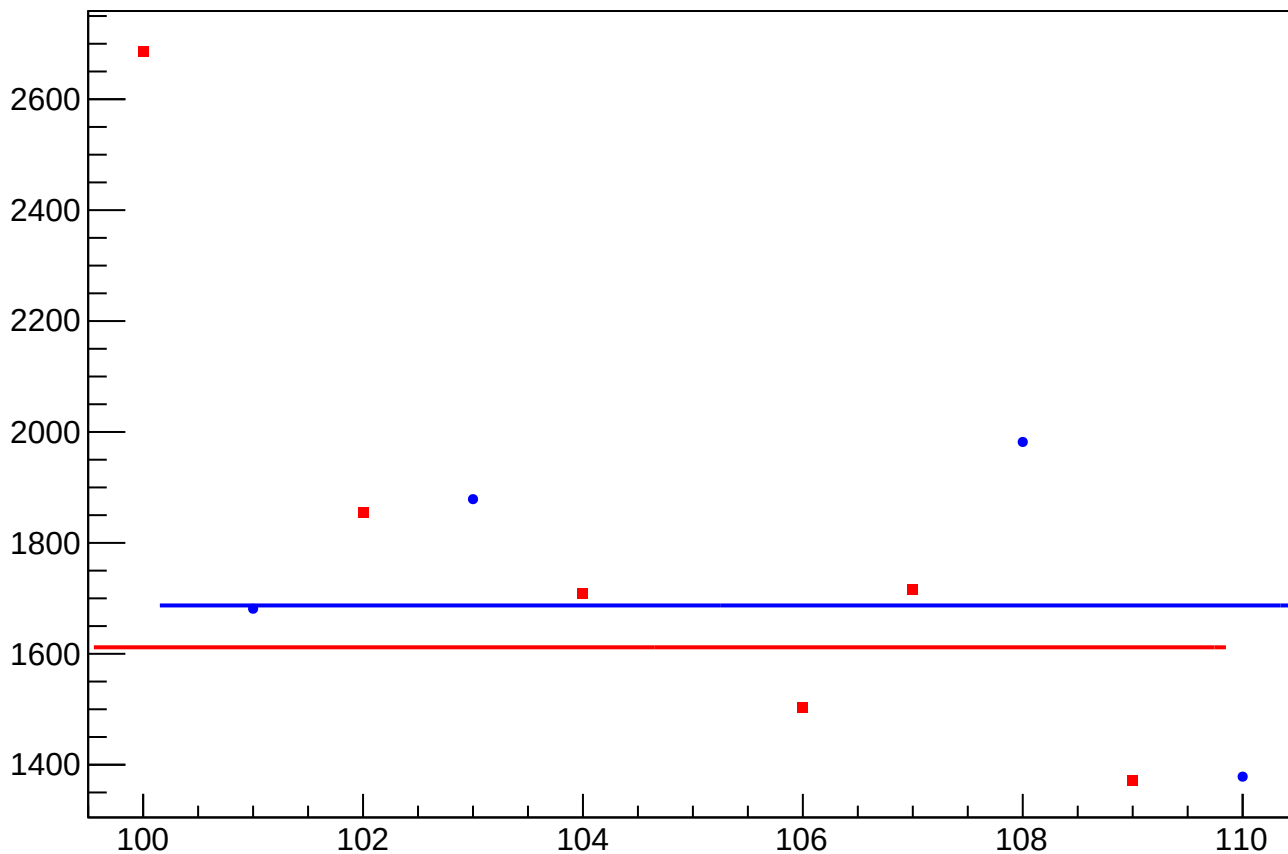
Right: -828.759+/-798.437 χ^2/NDF : 14.7/9

In: -473.442+/-1196.980 χ^2/NDF : 9.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -828.759+/-798.437 χ^2/NDF : 14.7/9

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1687.204+/-0.846 χ^2/NDF : 67386.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1611.760+/-0.758 χ^2/NDF : 85793.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

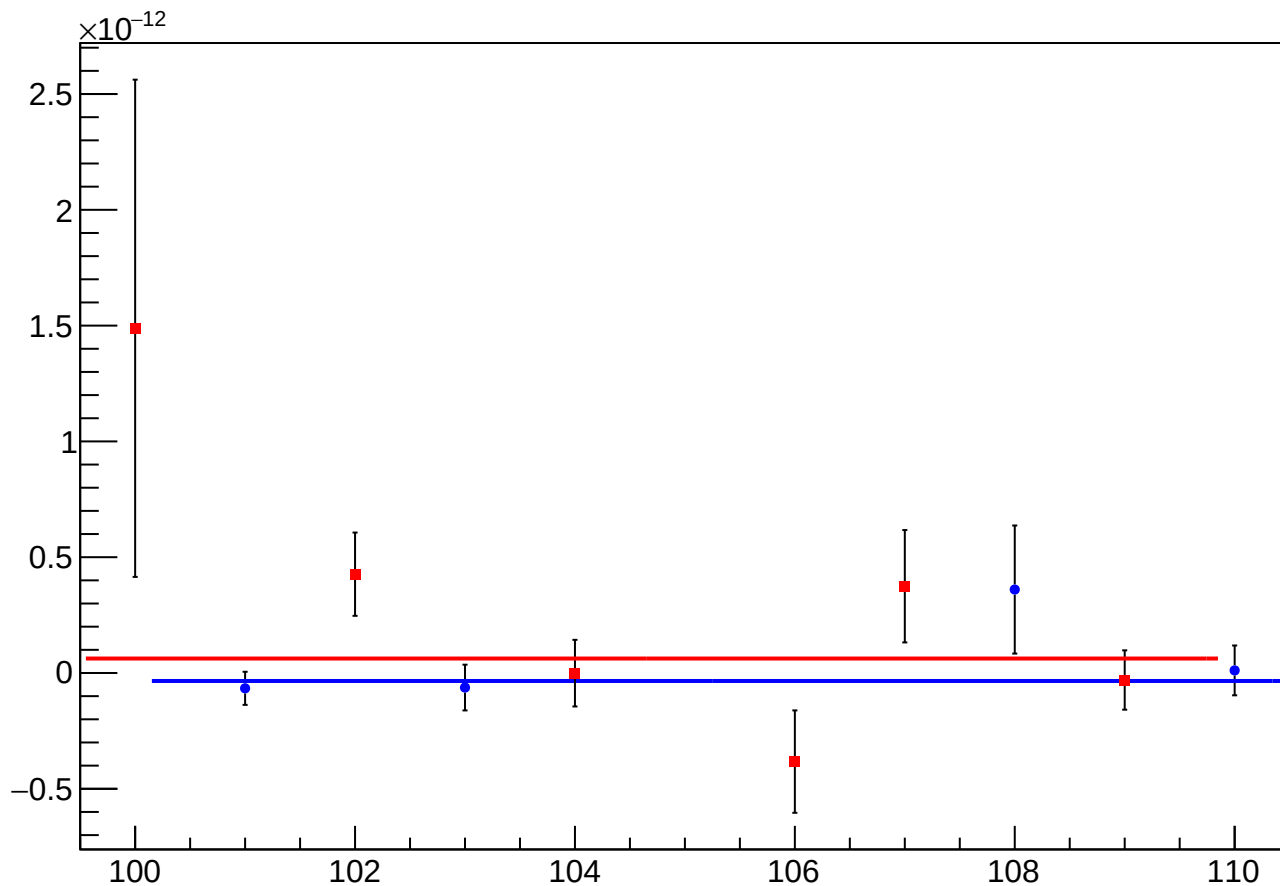
Right: 1645.328+/-0.565 χ^2/NDF : 157590.0/9

In: 1687.204+/-0.846 χ^2/NDF : 67386.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1645.328+/-0.565 χ^2/NDF : 157590.0/9

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

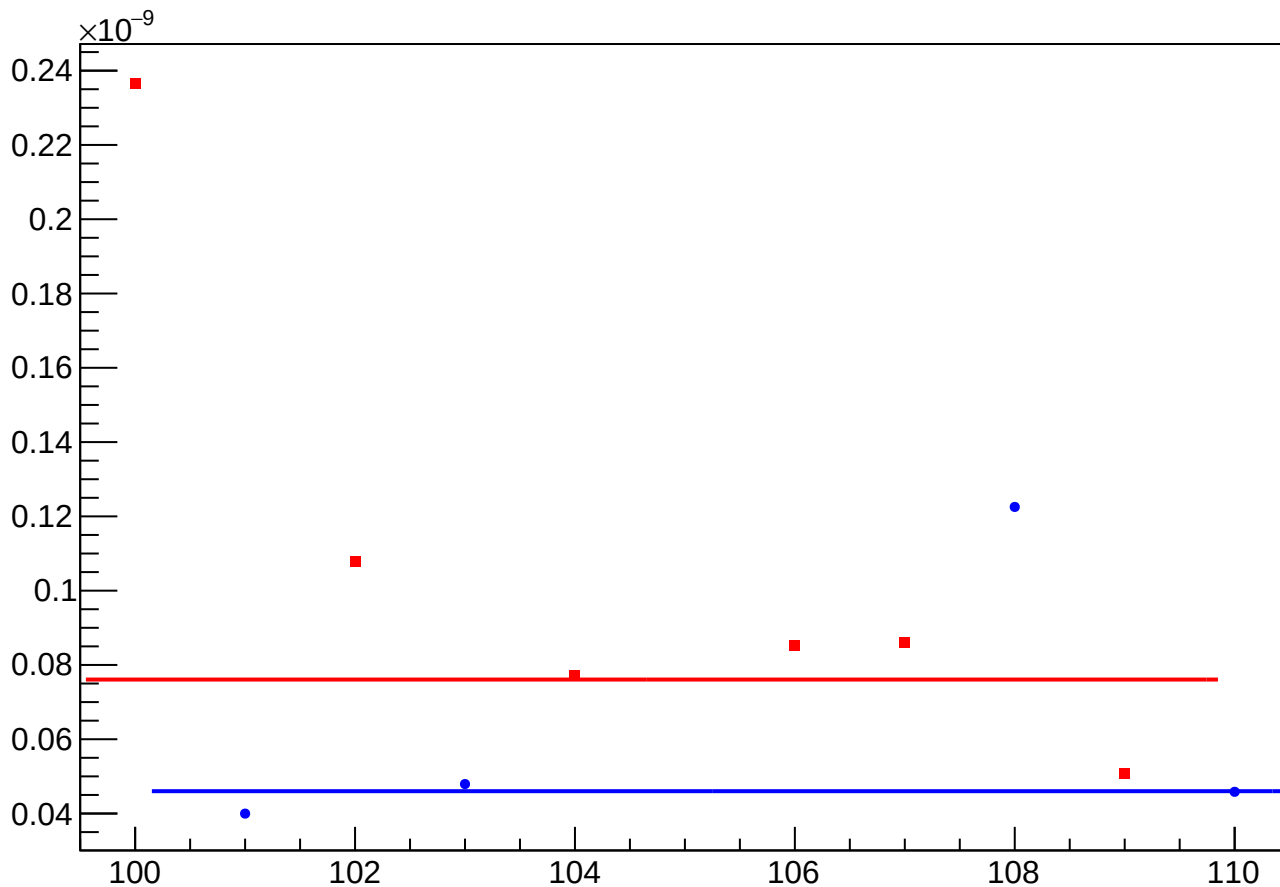
Right: -0.000+/-0.000 χ^2/NDF : 15.9/9

In: -0.000+/-0.000 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.9/9

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 168210.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 191133.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

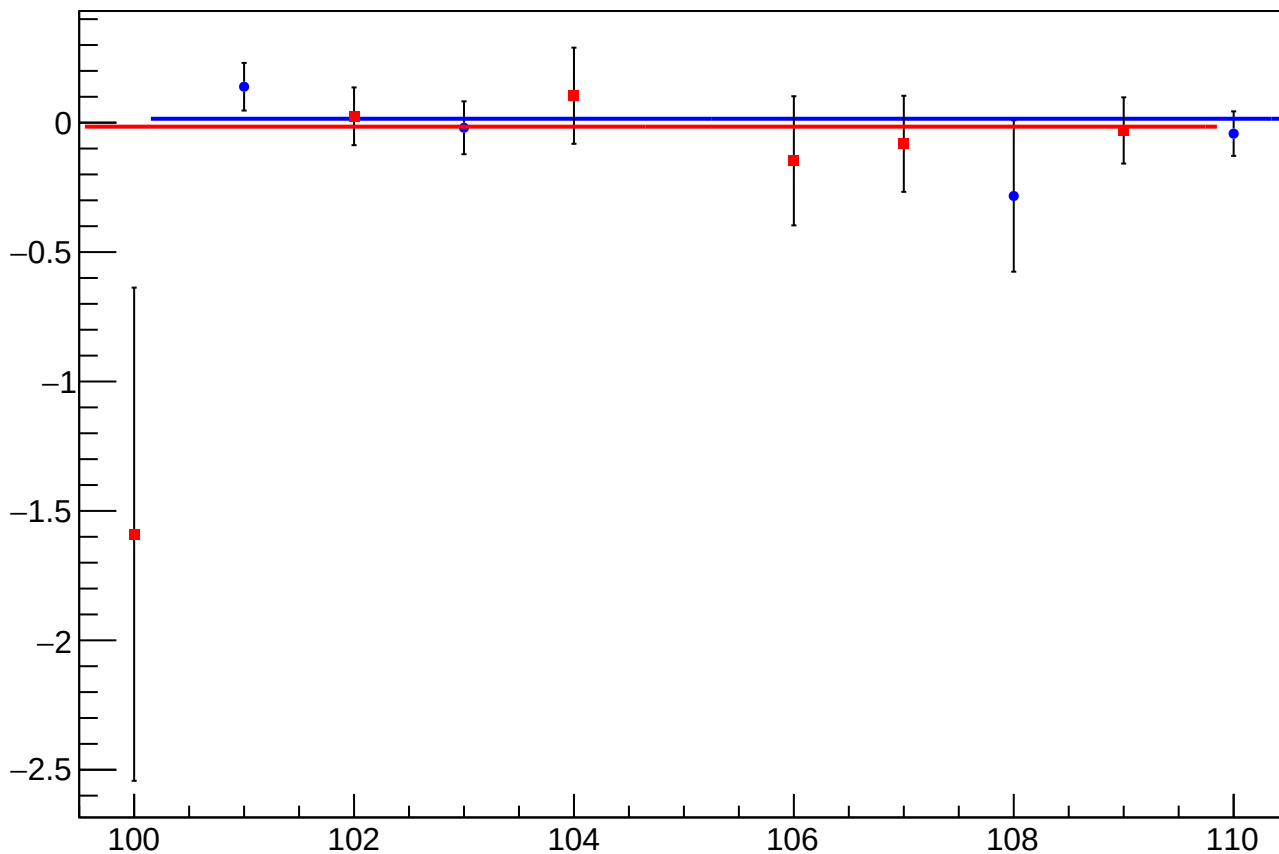
Right: 0.000+/-0.000 χ^2/NDF : 581925.0/9

In: 0.000+/-0.000 χ^2/NDF : 168210.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 581925.0/9

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.053 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.068 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

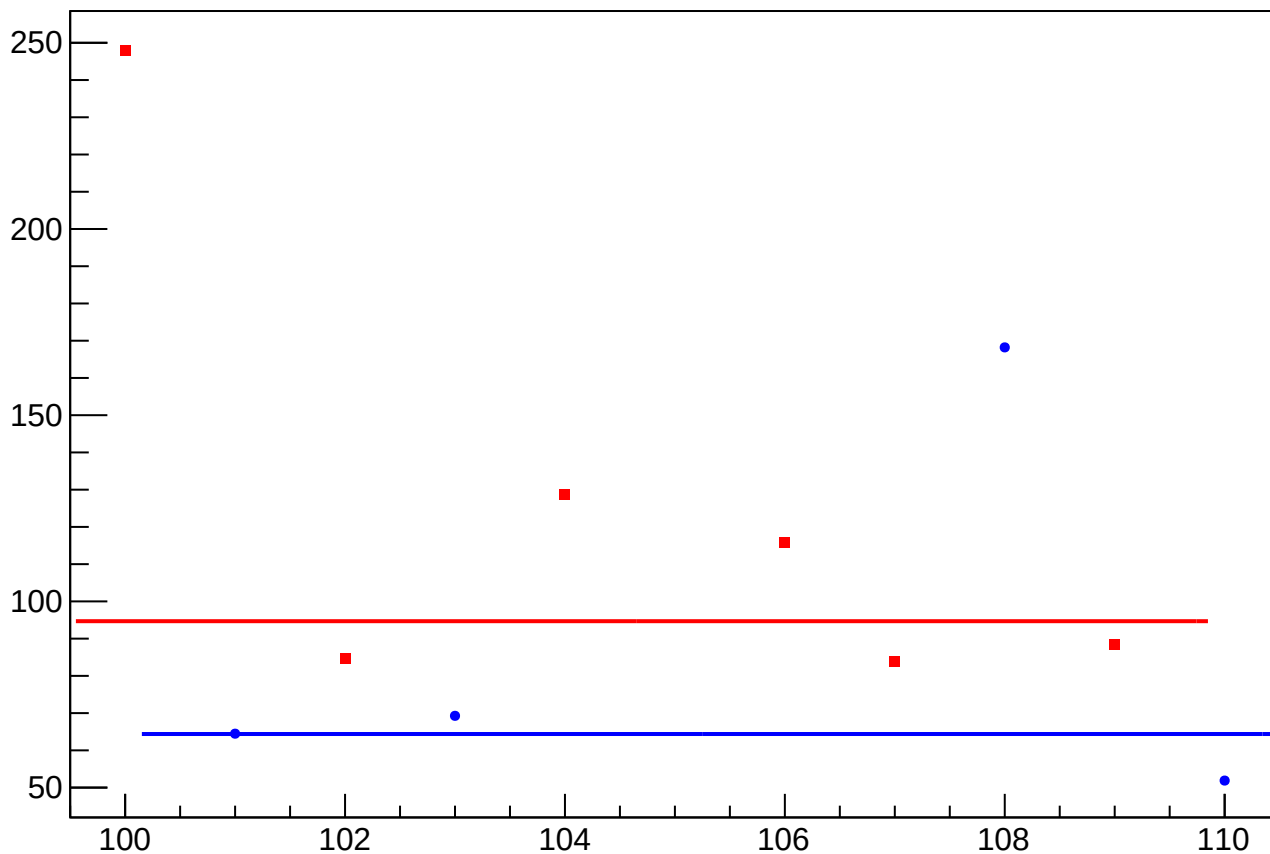
Right: 0.004+/-0.042 χ^2/NDF : 7.2/9

In: 0.015+/-0.053 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.042 χ^2/NDF : 7.2/9

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.388+/-0.037 χ^2/NDF : 298870.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.684+/-0.048 χ^2/NDF : 161060.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

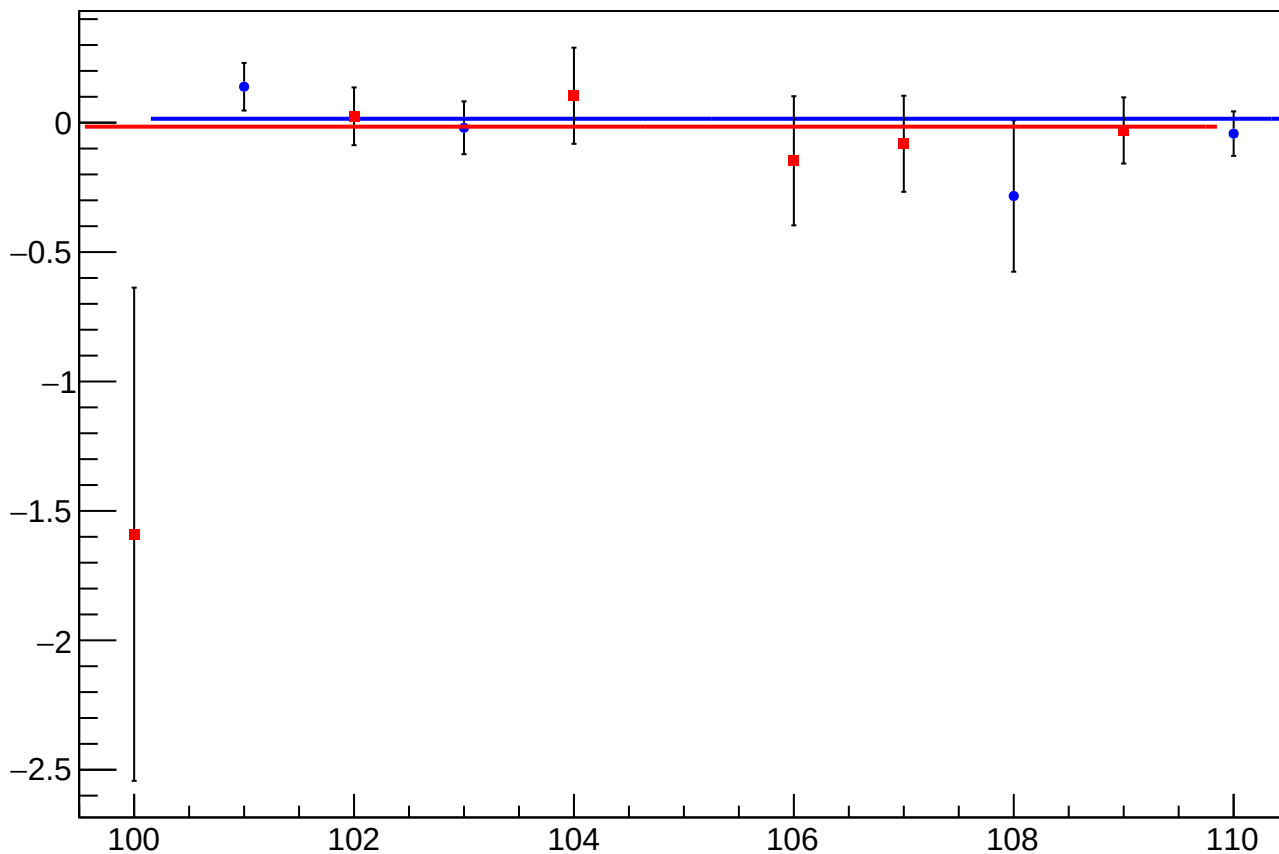
Right: 75.758+/-0.029 χ^2/NDF : 708475.9/9

In: 64.388+/-0.037 χ^2/NDF : 298870.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.758+/-0.029 χ^2/NDF : 708475.9/9

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.053 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.068 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

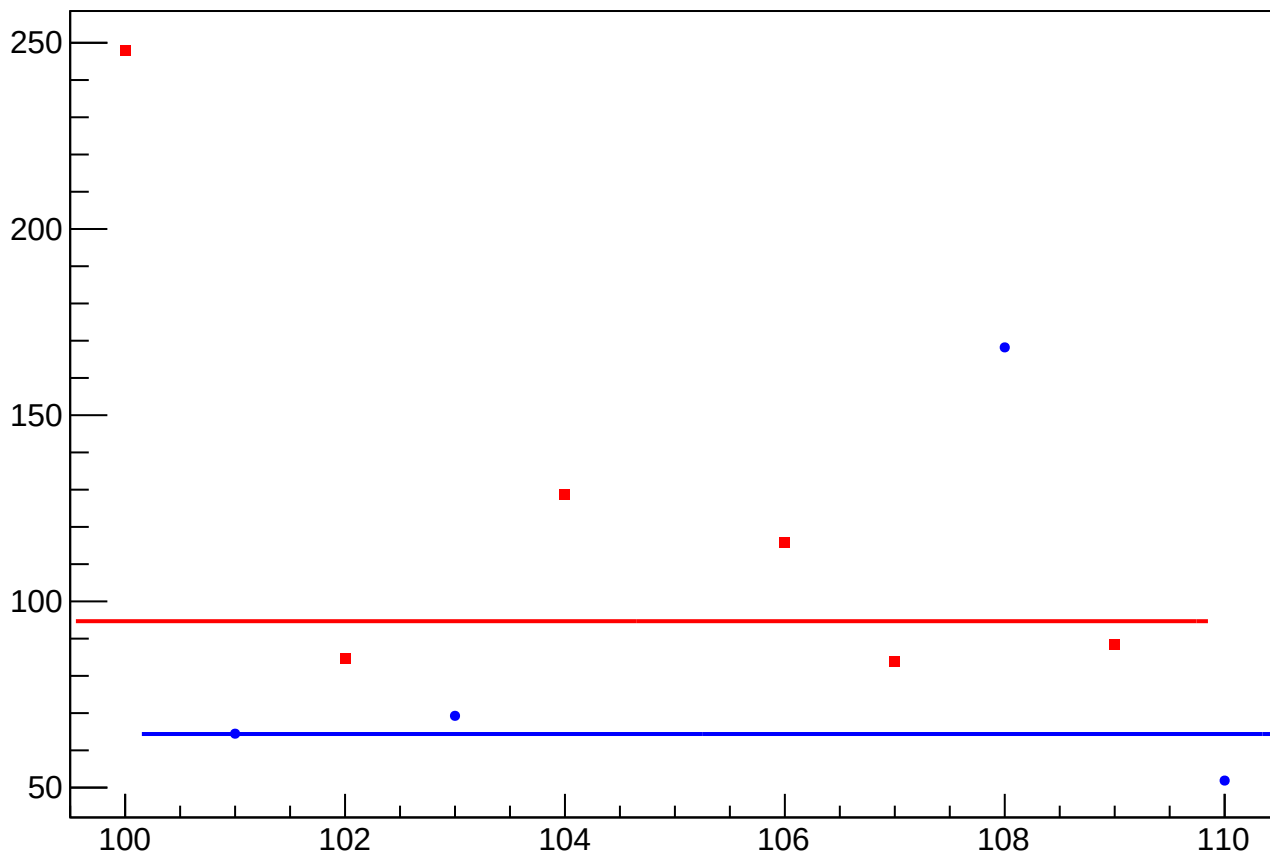
Right: 0.004+/-0.042 χ^2/NDF : 7.2/9

In: 0.015+/-0.053 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.042 χ^2/NDF : 7.2/9

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.388+/-0.037 χ^2/NDF : 298870.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.684+/-0.048 χ^2/NDF : 161060.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

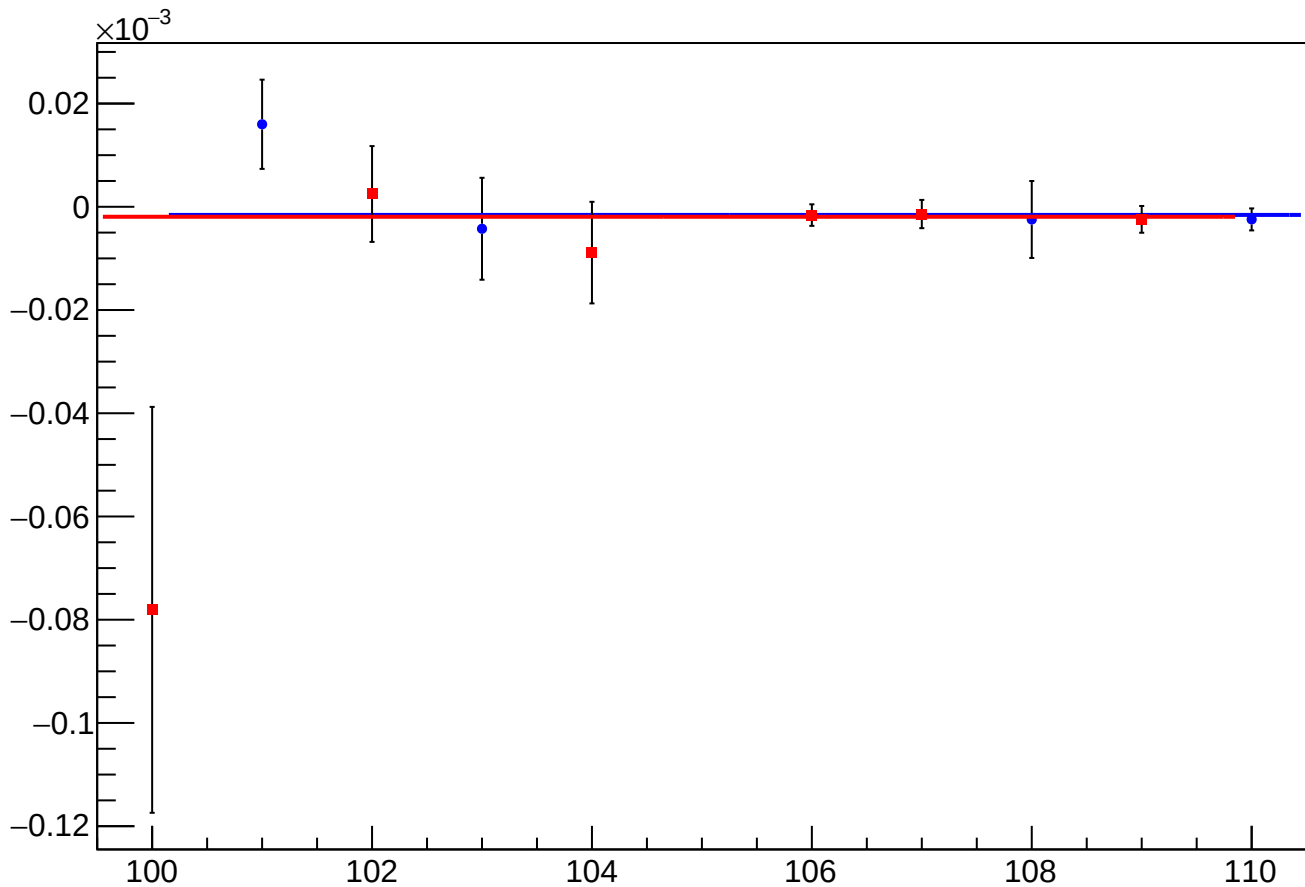
Right: 75.758+/-0.029 χ^2/NDF : 708475.9/9

In: 64.388+/-0.037 χ^2/NDF : 298870.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.758+/-0.029 χ^2/NDF : 708475.9/9

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

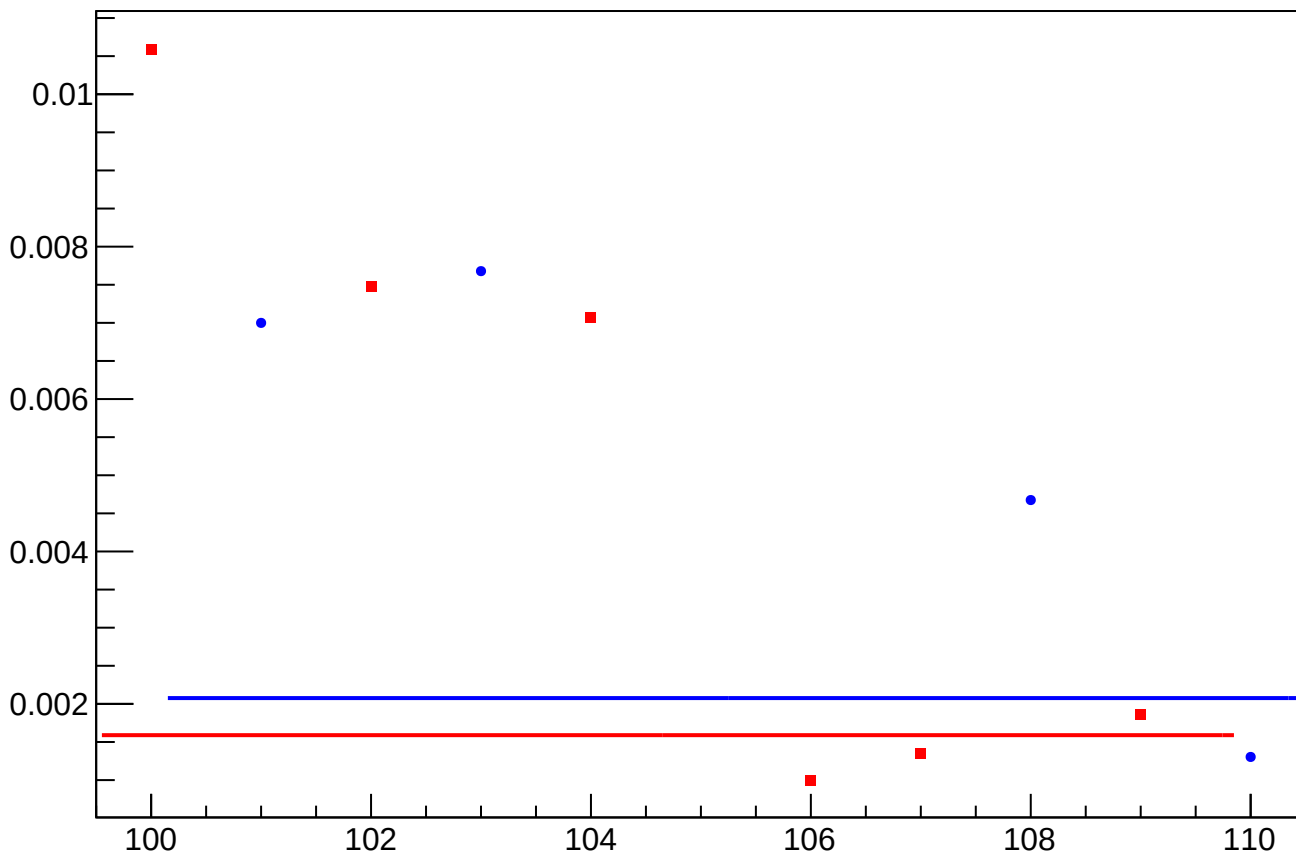
Right: -0.000+/-0.000 χ^2/NDF : 9.0/9

In: -0.000+/-0.000 χ^2/NDF : 4.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.0/9

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1799197.1/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1729283.6/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

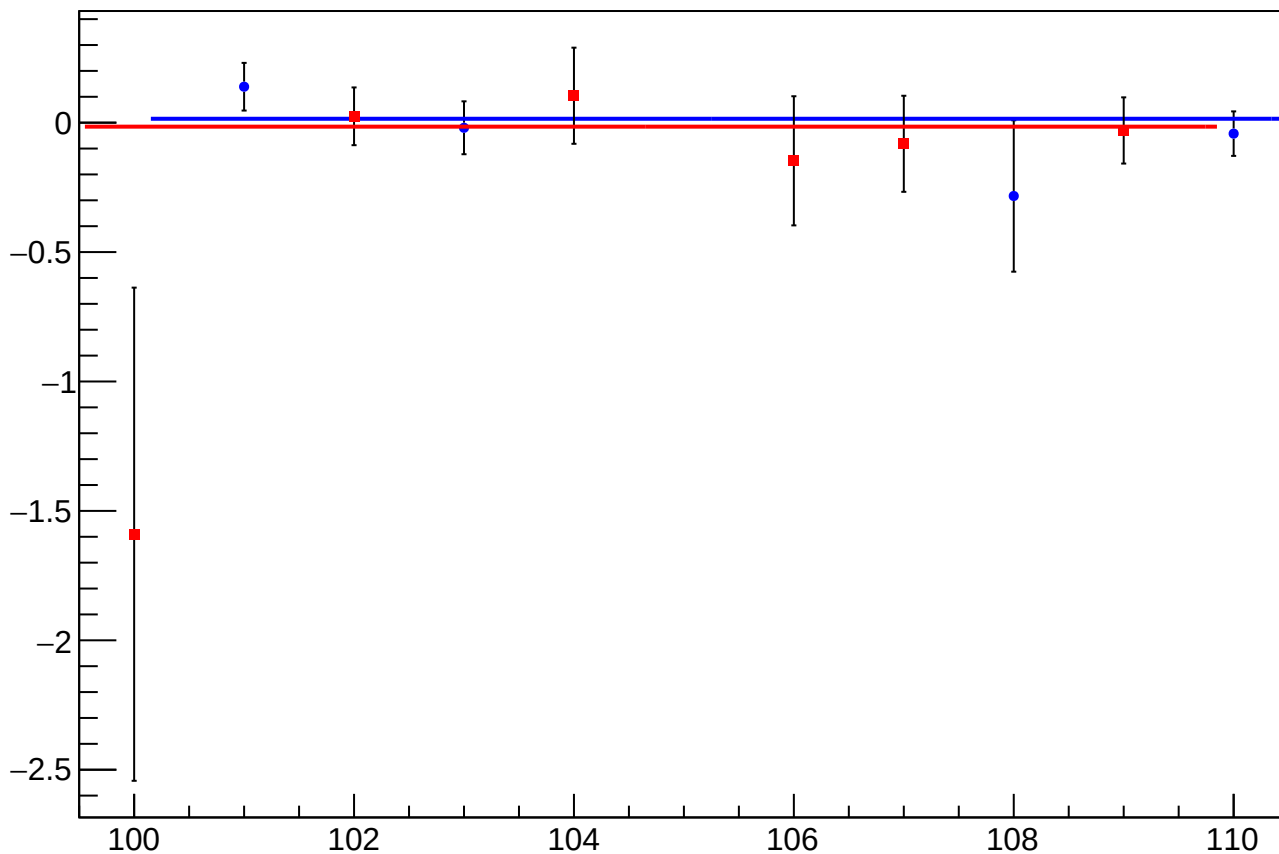
Right: 0.002+/-0.000 χ^2/NDF : 3611750.1/9

In: 0.002+/-0.000 χ^2/NDF :1799197.1/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3611750.1/9

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.053 χ^2 /NDF: 3.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.015 $\pm$ 0.068 χ^2 /NDF: 3.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

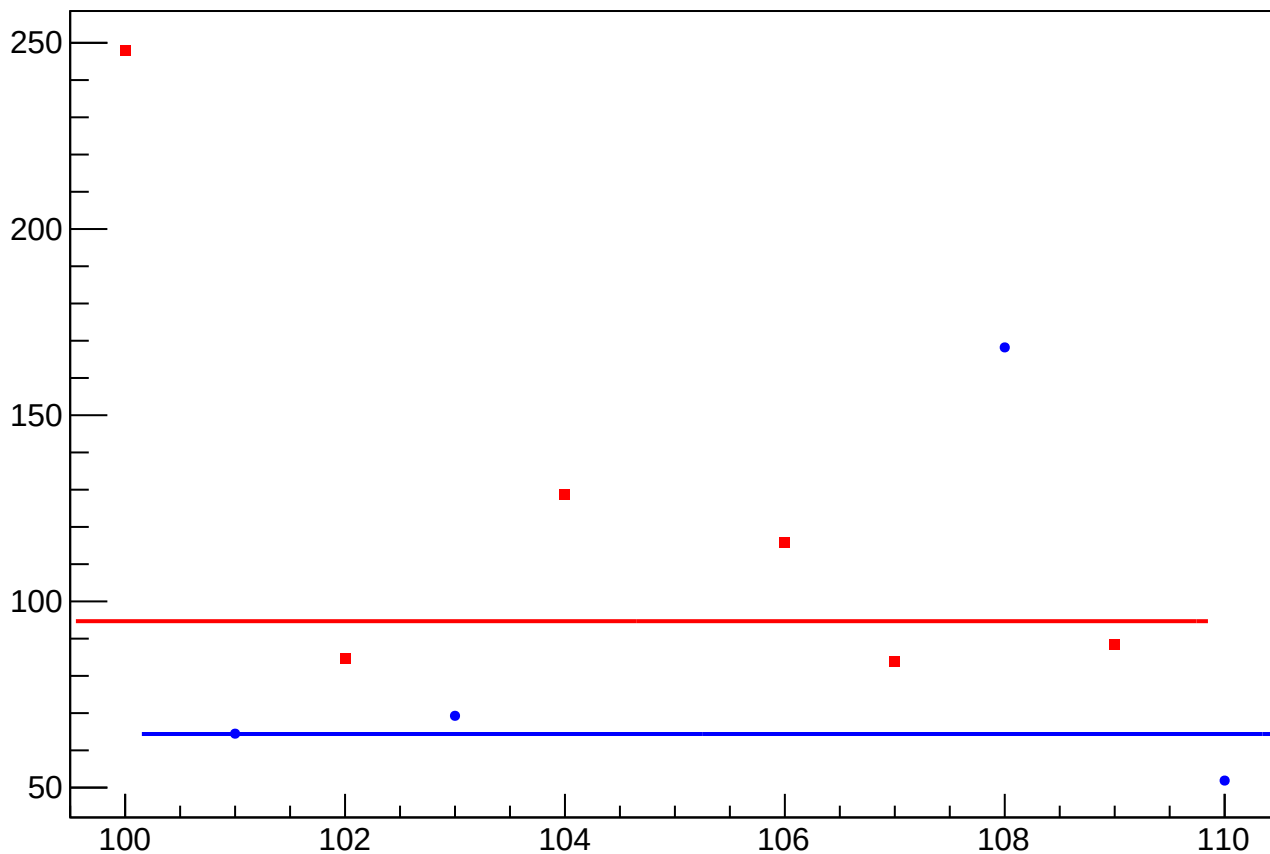
Right: 0.004 $\pm$ 0.042 χ^2 /NDF: 7.2/9

In: 0.015 $\pm$ 0.053 χ^2 /NDF:3.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.042 χ^2 /NDF: 7.2/9

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.392+/-0.037 χ^2/NDF : 298878.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.689+/-0.048 χ^2/NDF : 161051.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

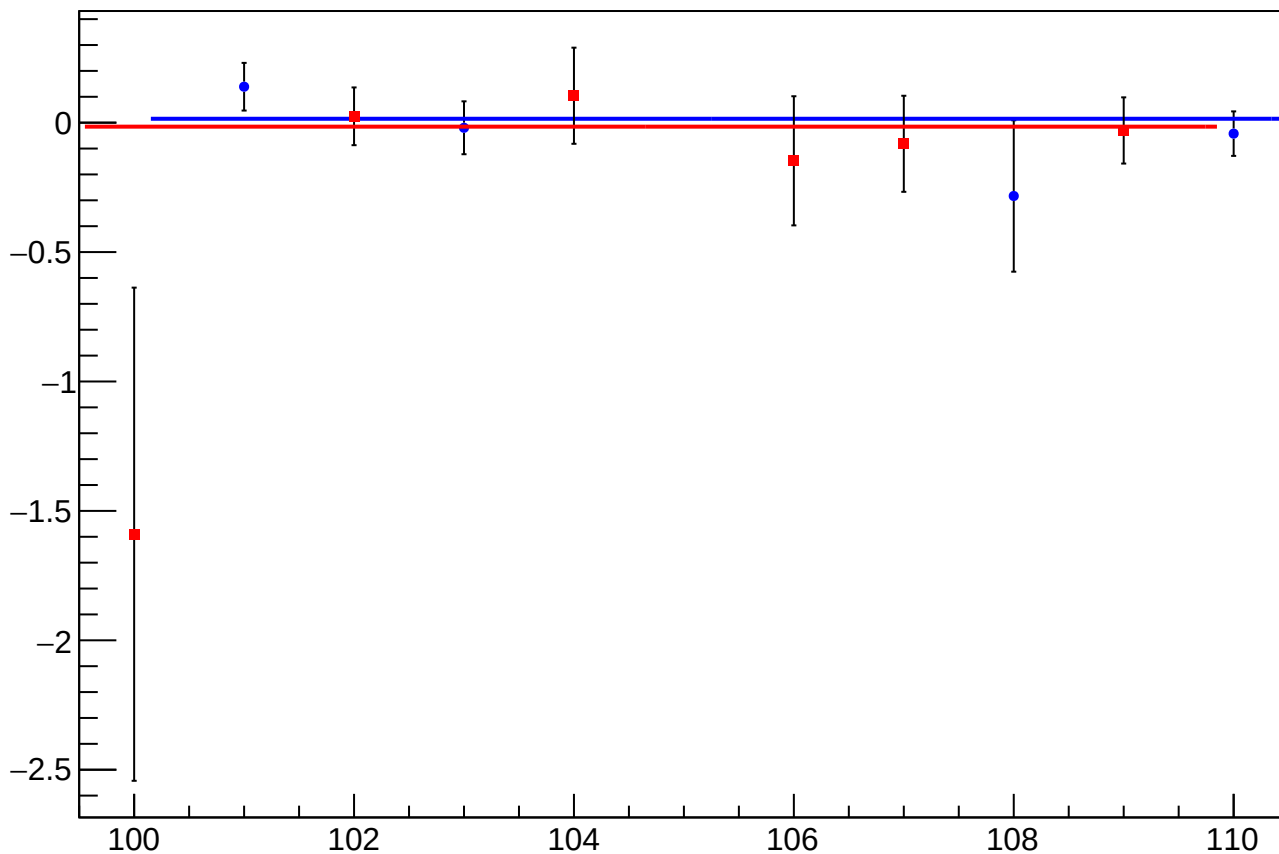
Right: 75.762+/-0.029 χ^2/NDF : 708468.2/9

In: 64.392+/-0.037 χ^2/NDF : 298878.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.762+/-0.029 χ^2/NDF : 708468.2/9

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.053 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.068 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

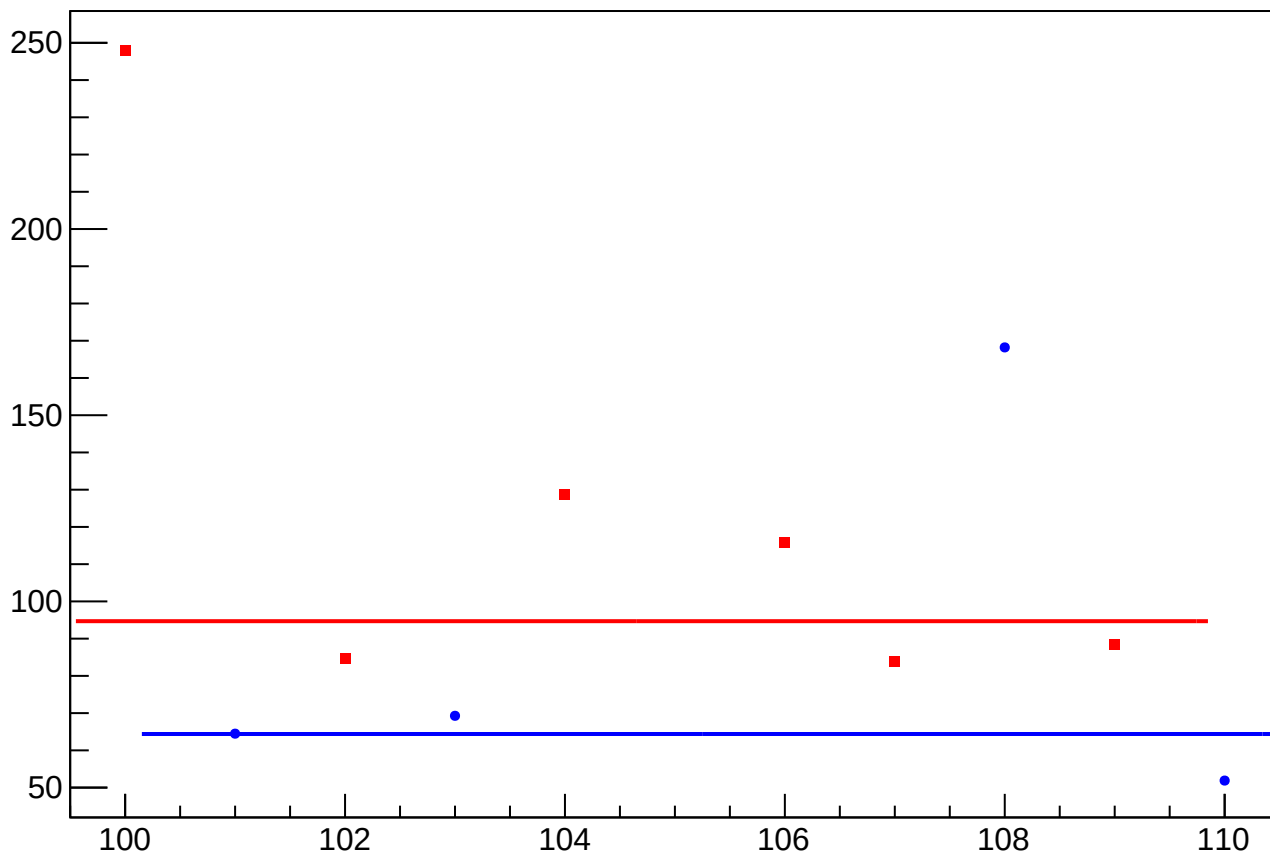
Right: 0.004+/-0.042 χ^2/NDF : 7.2/9

In: 0.015+/-0.053 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.042 χ^2/NDF : 7.2/9

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.392+/-0.037 χ^2/NDF : 298878.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.689+/-0.048 χ^2/NDF : 161051.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

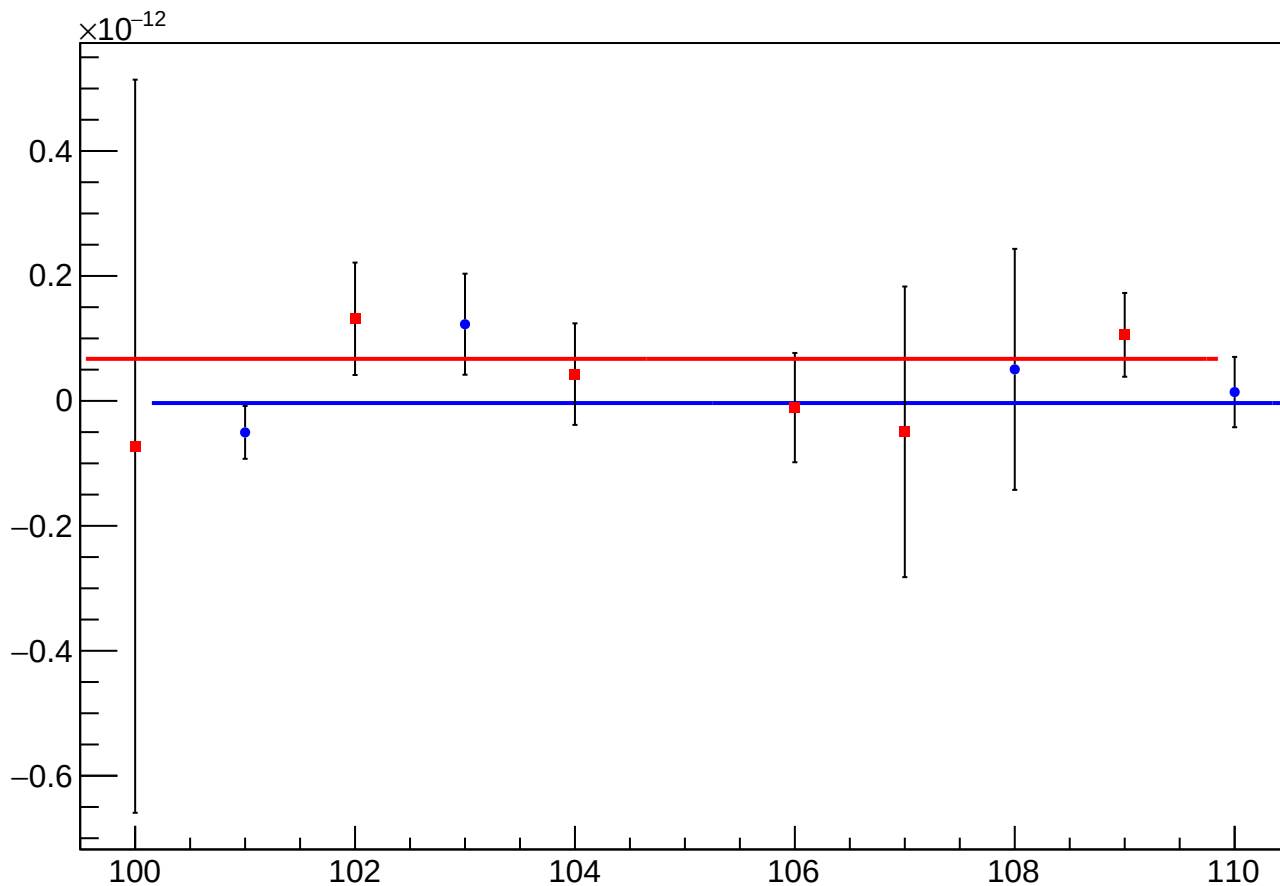
Right: 75.762+/-0.029 χ^2/NDF : 708468.2/9

In: 64.392+/-0.037 χ^2/NDF : 298878.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.762+/-0.029 χ^2/NDF : 708468.2/9

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

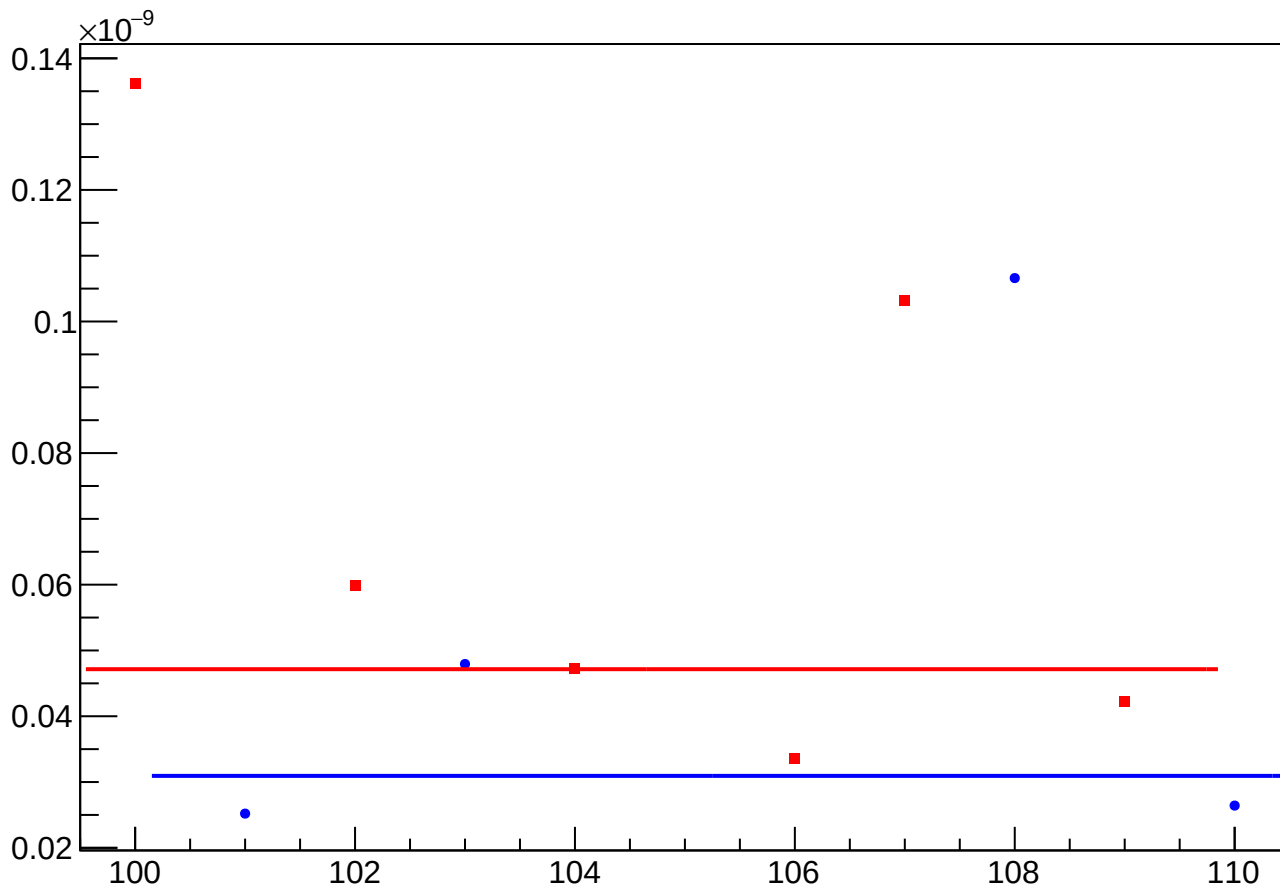
Right: 0.000+/-0.000 χ^2/NDF : 7.9/9

In: -0.000+/-0.000 χ^2/NDF :3.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.9/9

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 445808.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 261301.6/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

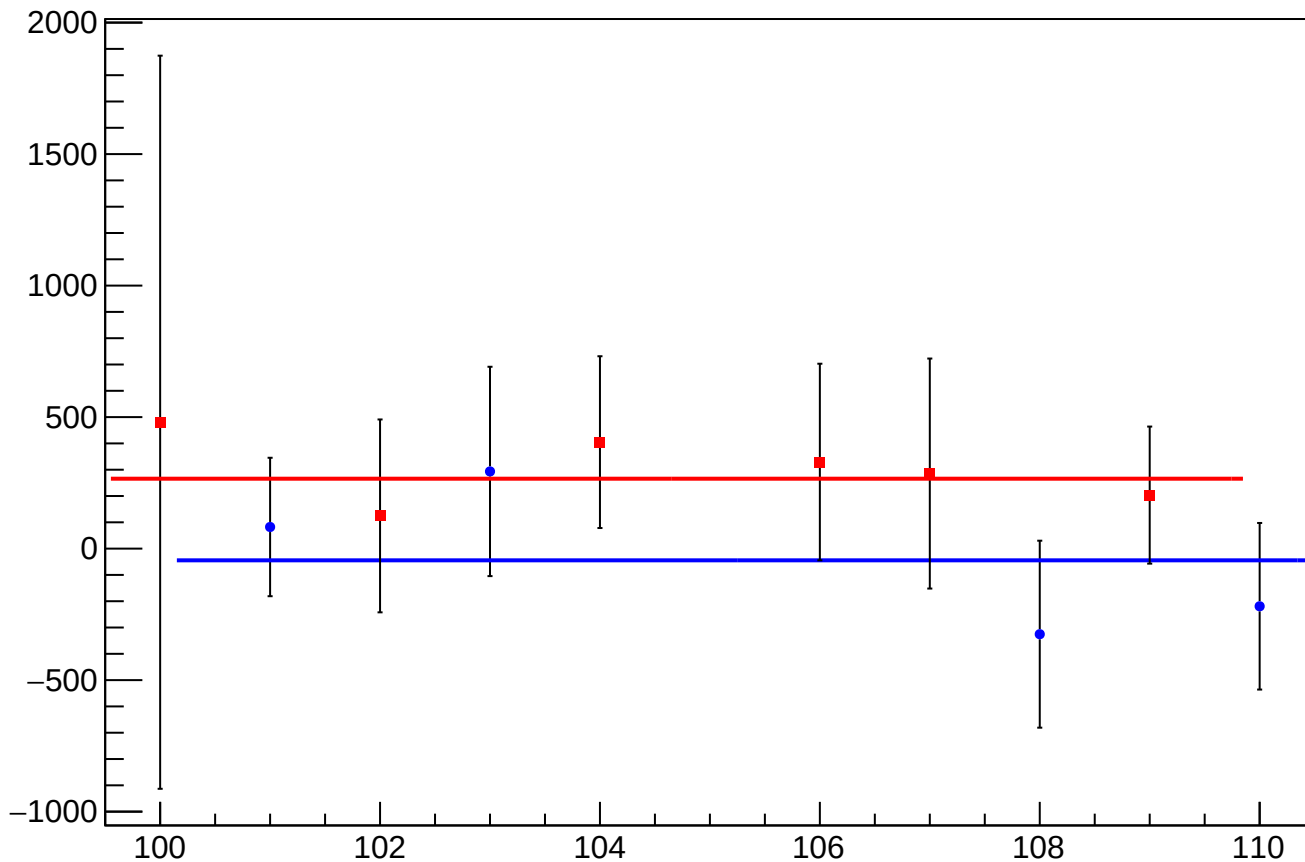
Right: 0.000+/-0.000 χ^2/NDF : 918516.1/9

In: 0.000+/-0.000 χ^2/NDF :445808.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 918516.1/9

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -44.535 $\pm$ 160.880 χ^2 /NDF: 1.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 265.820 $\pm$ 149.996 χ^2 /NDF: 0.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

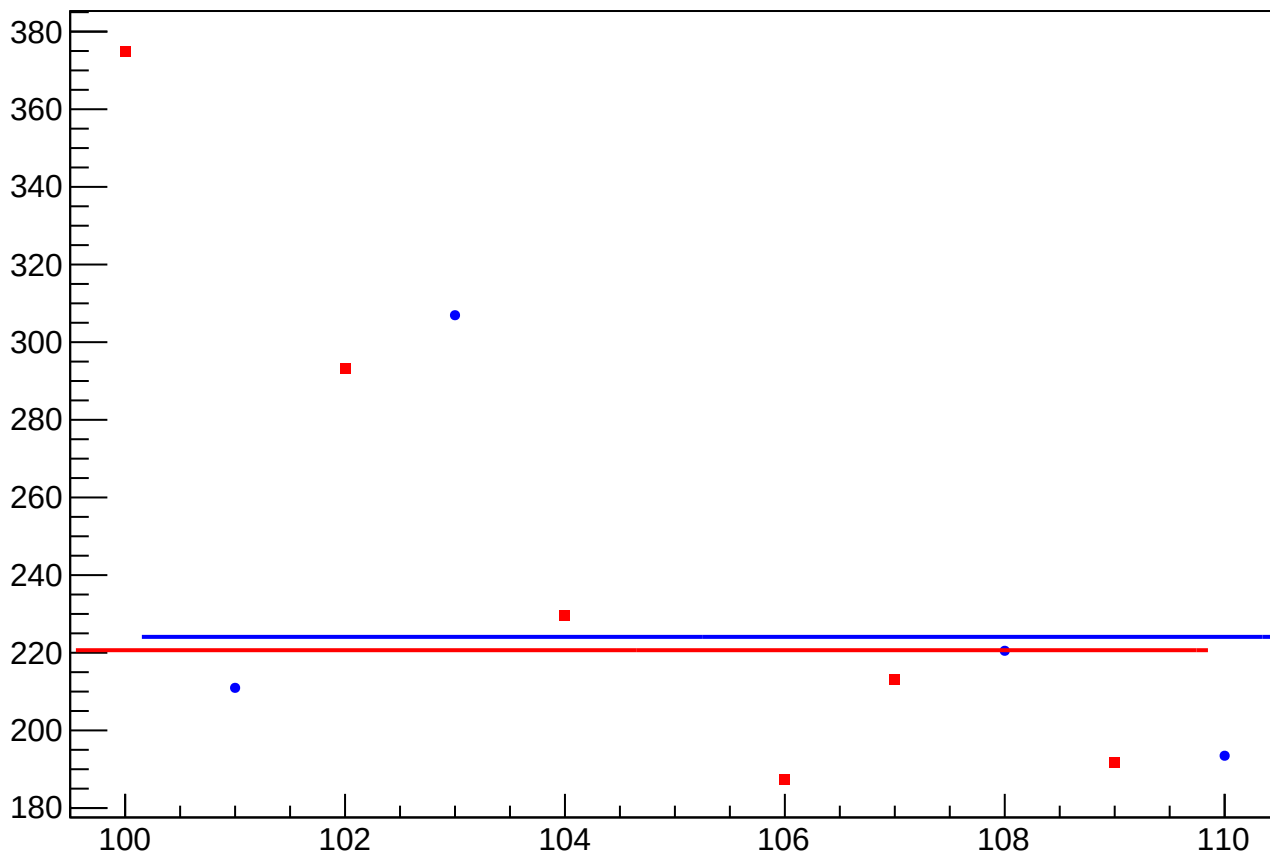
Right: 121.495 $\pm$ 109.709 χ^2 /NDF: 4.3/9

In: -44.535 $\pm$ 160.880 χ^2 /NDF: 1.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.495 $\pm$ 109.709 χ^2 /NDF: 4.3/9

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 224.094+/-0.114 χ^2/NDF : 110560.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.659+/-0.106 χ^2/NDF : 145252.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

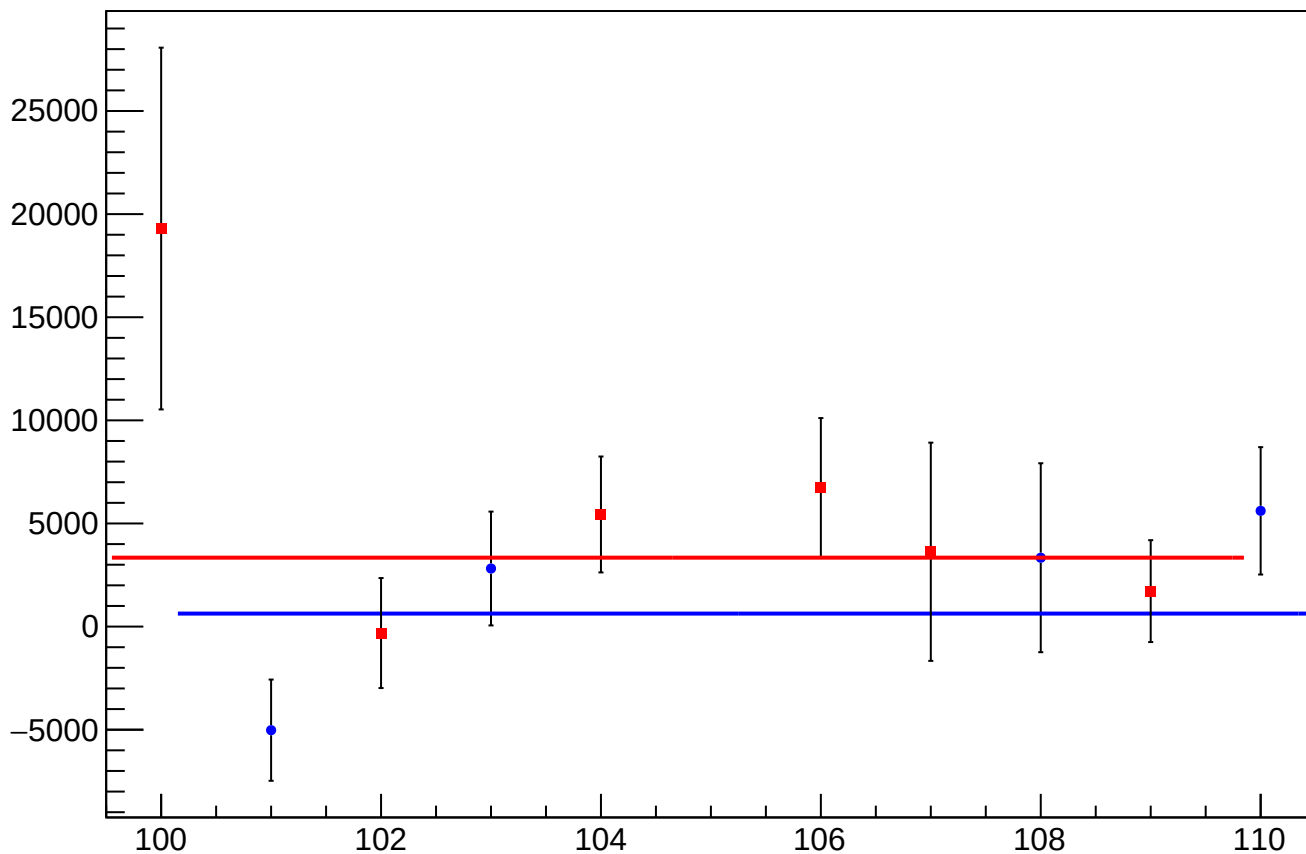
Right: 222.257+/-0.078 χ^2/NDF : 256300.7/9

In: 224.094+/-0.114 χ^2/NDF : 110560.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.257+/-0.078 χ^2/NDF : 256300.7/9

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: 630.778+/-1491.132 χ^2/NDF : 8.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3342.331+/-1327.512 χ^2/NDF : 7.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

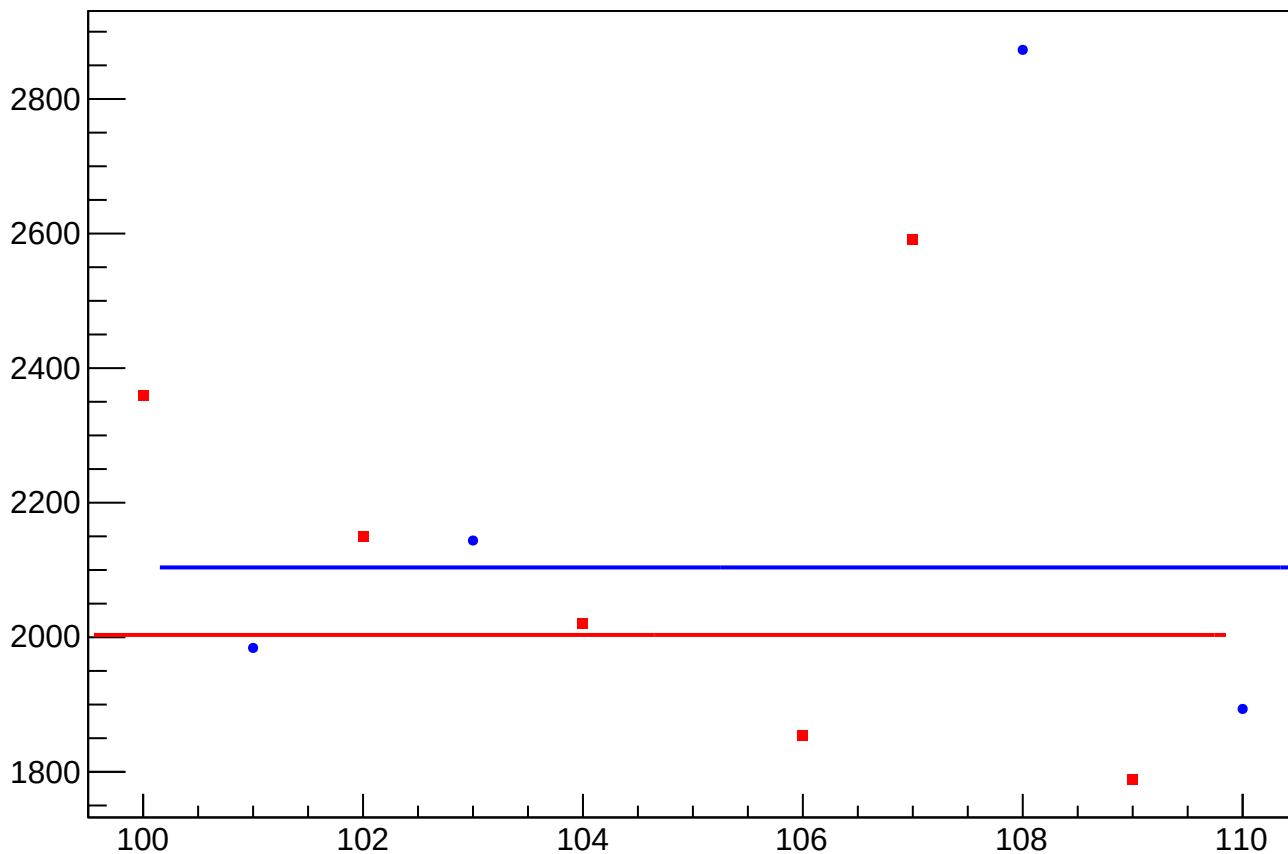
Right: 2143.429+/-991.514 χ^2/NDF : 17.9/9

In: 630.778+/-1491.132 χ^2/NDF : 8.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2143.429+/-991.514 χ^2/NDF : 17.9/9

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2103.810+/-1.054 χ^2/NDF : 70838.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2003.463+/-0.939 χ^2/NDF : 53144.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

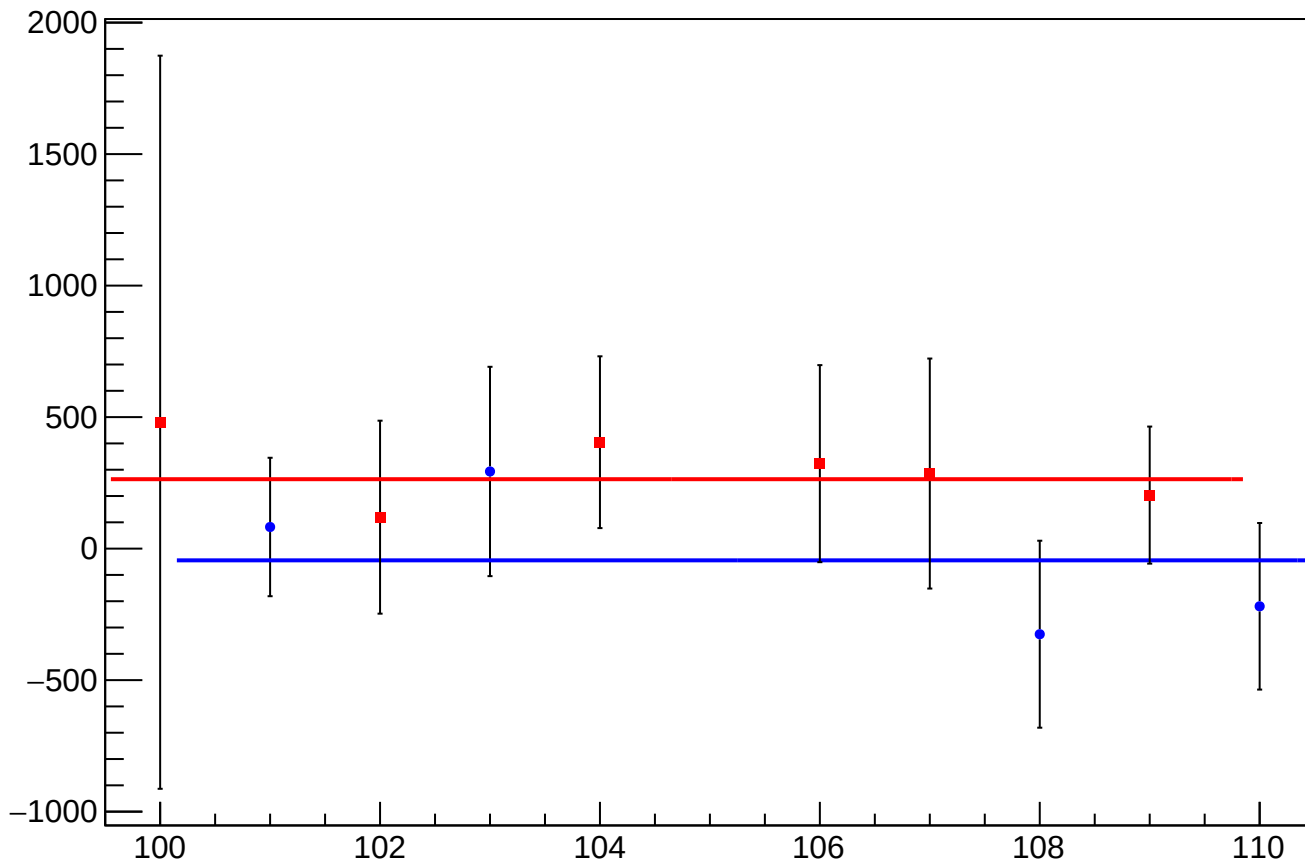
Right: 2047.831+/-0.701 χ^2/NDF : 129036.0/9

In: 2103.810+/-1.054 χ^2/NDF : 70838.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2047.831+/-0.701 χ^2/NDF : 129036.0/9

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -44.578 ± 160.880 χ^2/NDF : 1.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 263.960 ± 150.065 χ^2/NDF : 0.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

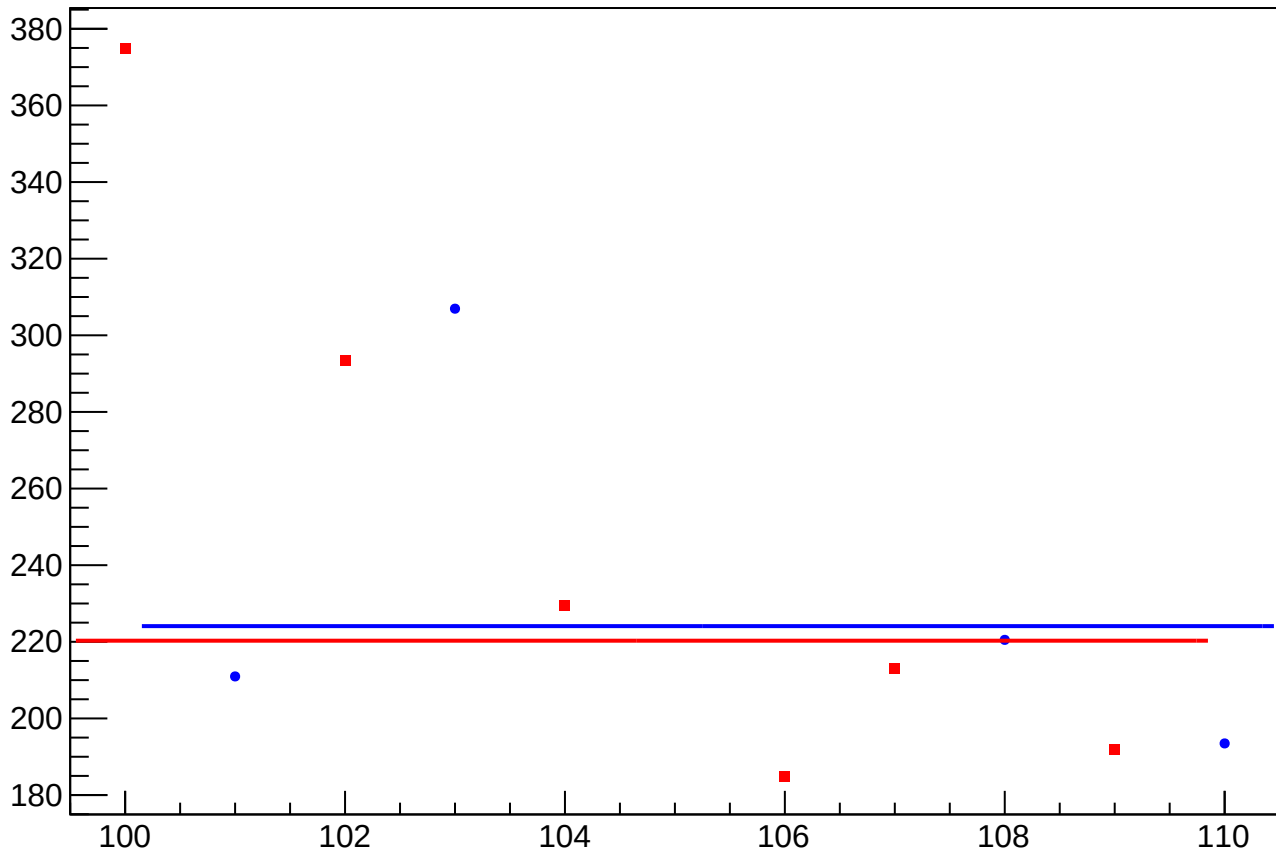
Right: 120.409 ± 109.736 χ^2/NDF : 4.3/9

In: -44.578 ± 160.880 χ^2/NDF : 1.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 120.409 ± 109.736 χ^2/NDF : 4.3/9

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 224.094+/-0.114 χ^2/NDF : 110563.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.292+/-0.106 χ^2/NDF : 147856.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

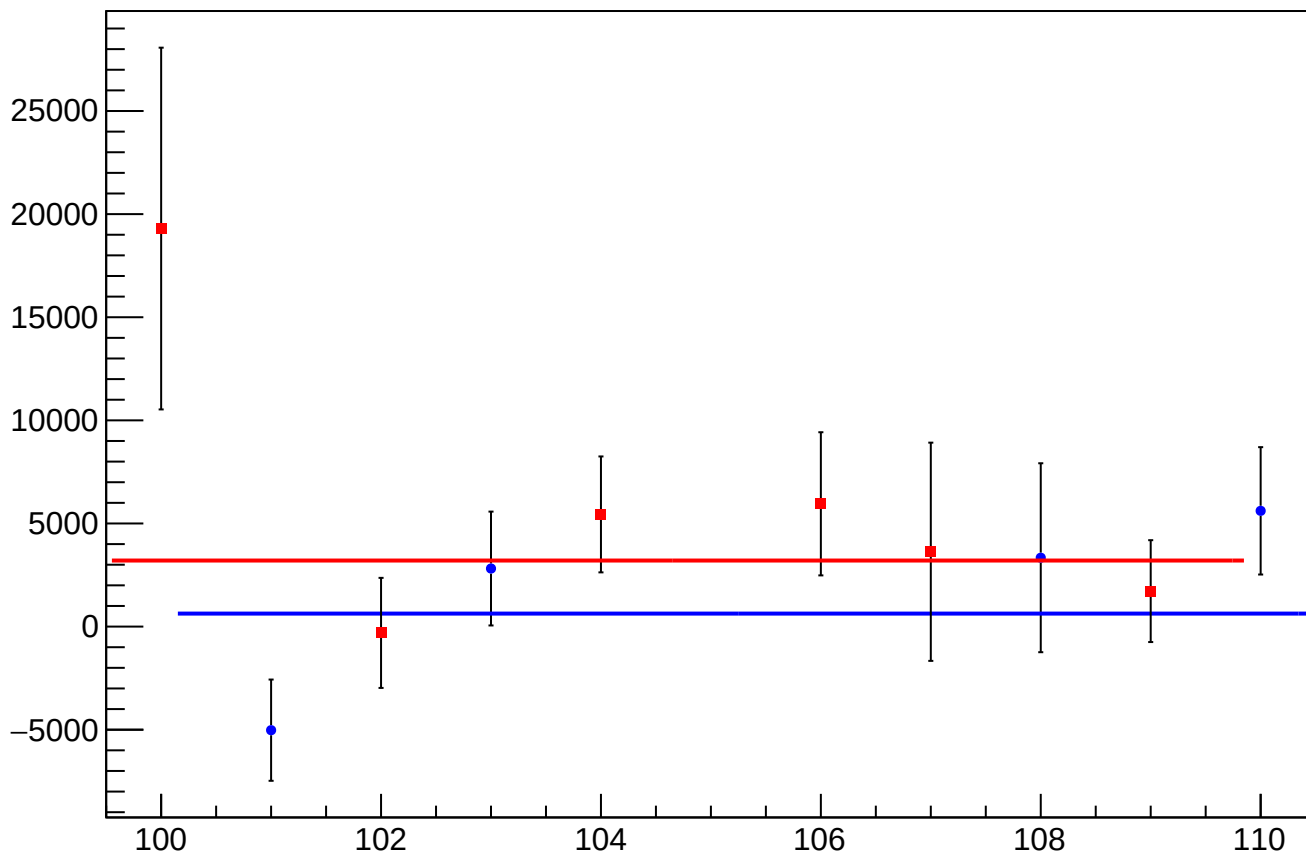
Right: 222.061+/-0.078 χ^2/NDF : 259017.4/9

In: 224.094+/-0.114 χ^2/NDF : 110563.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.061+/-0.078 χ^2/NDF : 259017.4/9

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: 630.392+/-1491.165 χ^2/NDF : 8.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3202.991+/-1333.065 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

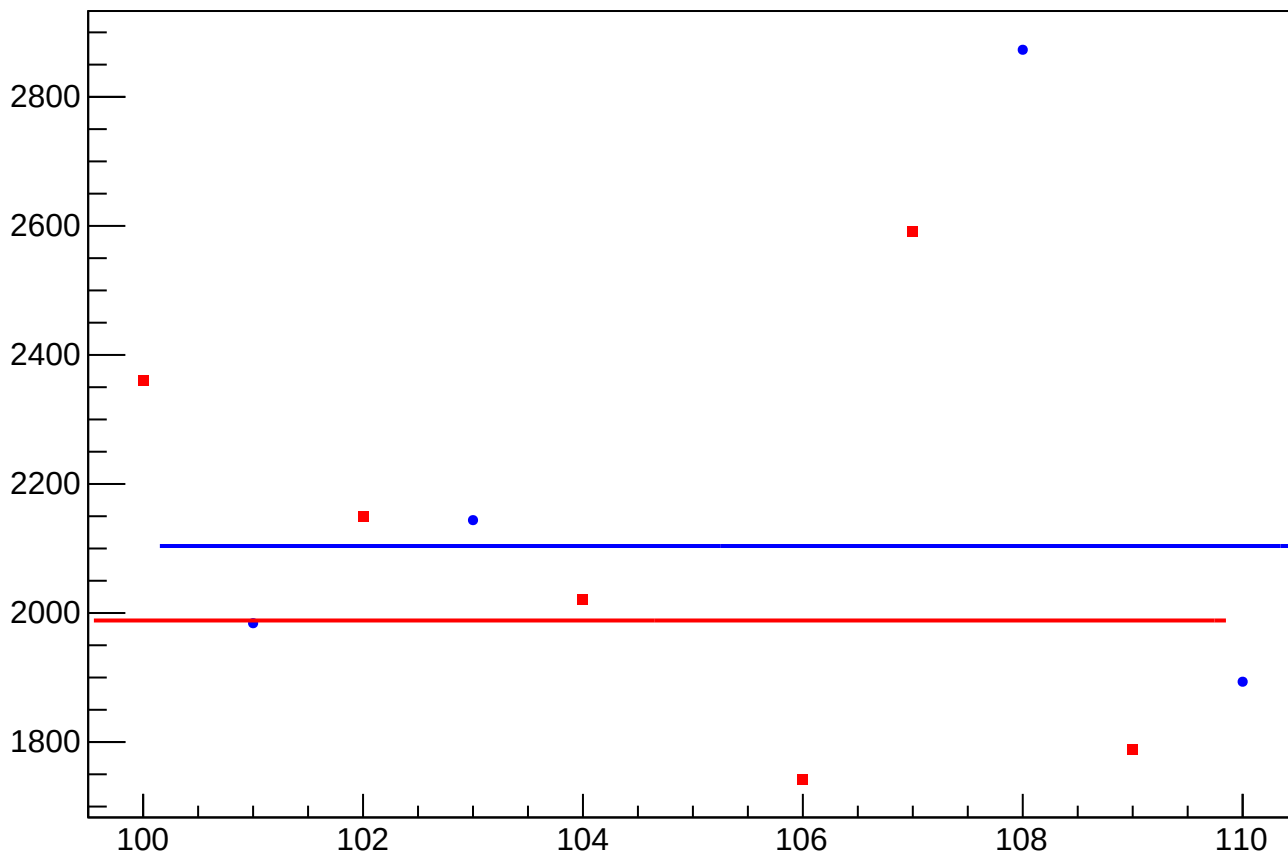
Right: 2060.255+/-993.831 χ^2/NDF : 17.3/9

In: 630.392+/-1491.165 χ^2/NDF : 8.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2060.255+/-993.831 χ^2/NDF : 17.3/9

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2103.856+/-1.054 χ^2/NDF : 70842.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1988.411+/-0.943 χ^2/NDF : 60366.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

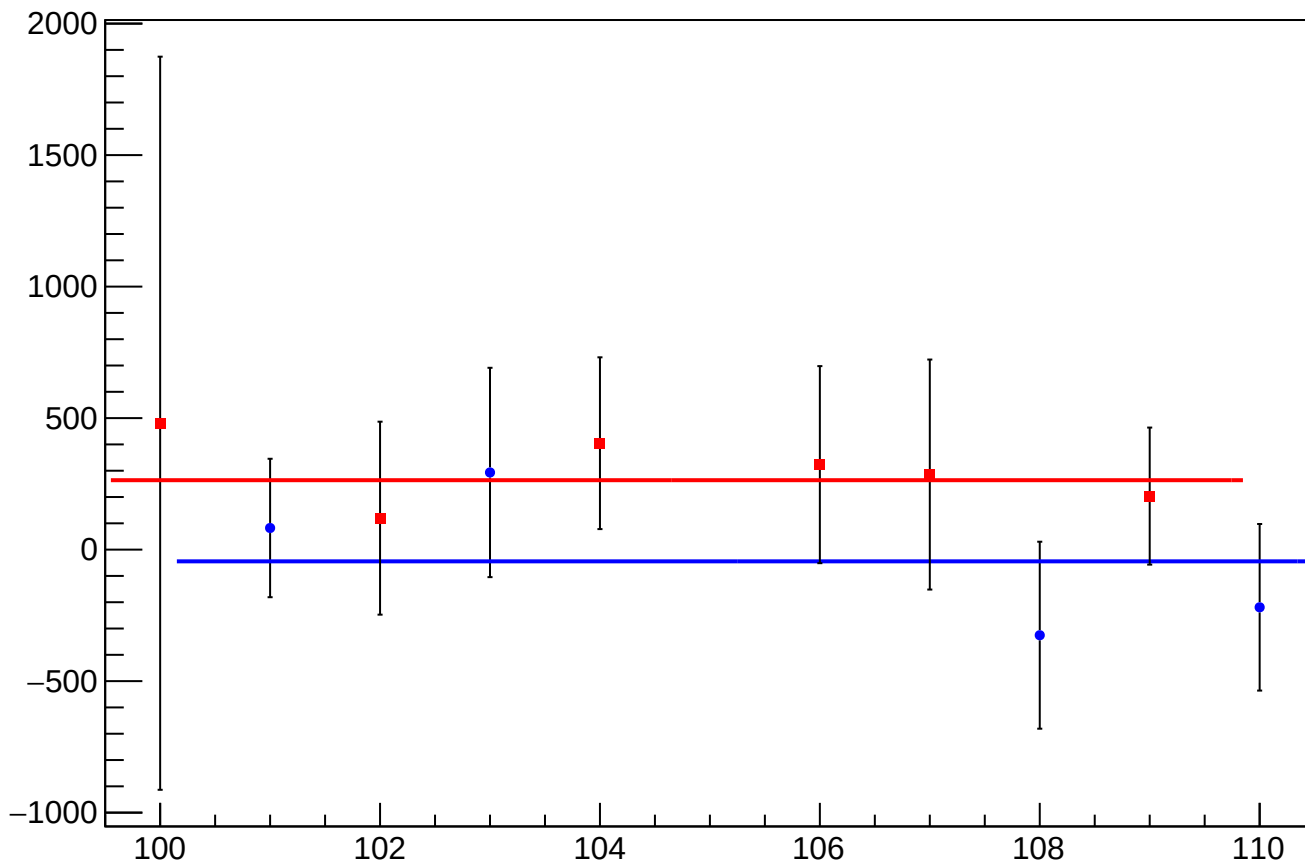
Right: 2039.691+/-0.703 χ^2/NDF : 137871.0/9

In: 2103.856+/-1.054 χ^2/NDF : 70842.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2039.691+/-0.703 χ^2/NDF : 137871.0/9

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -44.578+/-160.880 χ^2/NDF : 1.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 263.960+/-150.065 χ^2/NDF : 0.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

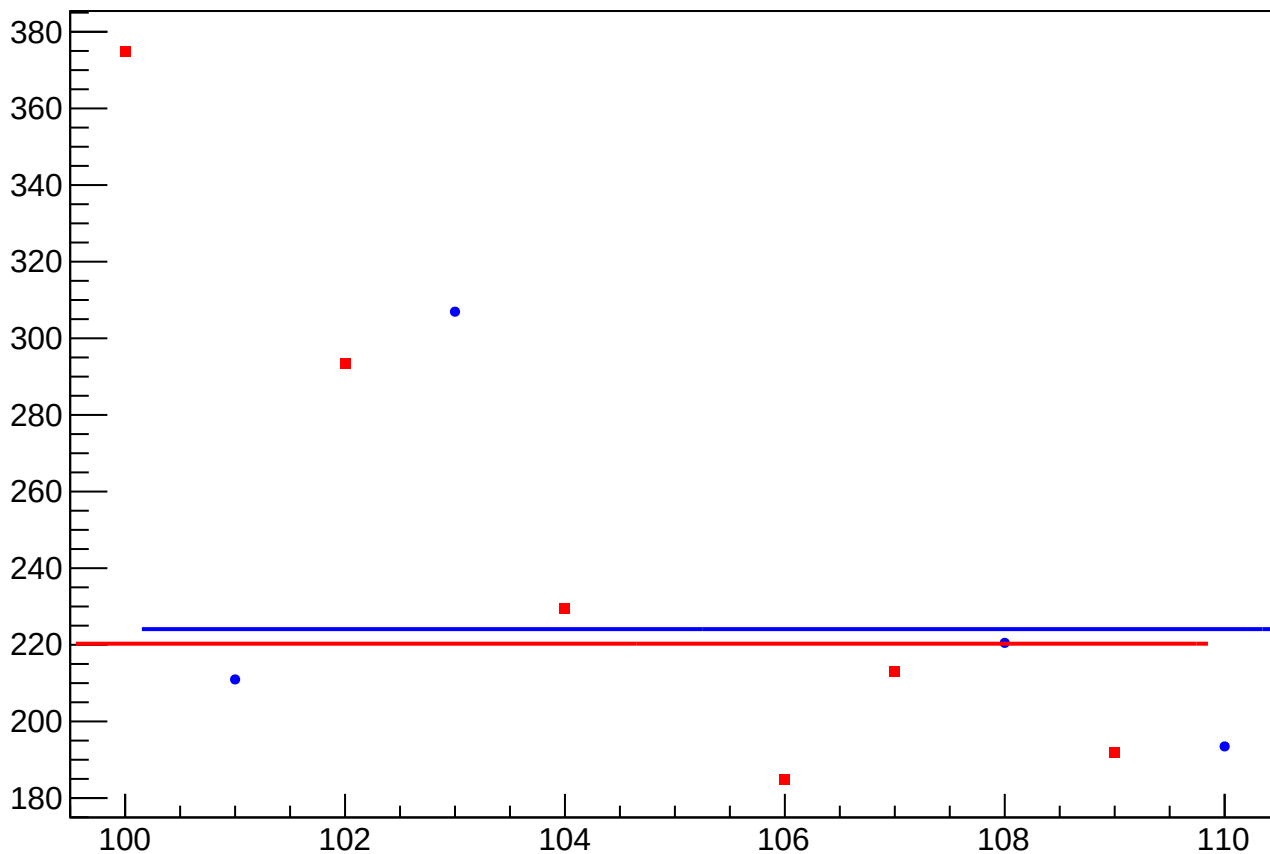
Right: 120.409+/-109.736 χ^2/NDF : 4.3/9

In: -44.578+/-160.880 χ^2/NDF : 1.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.409+/-109.736 χ^2/NDF : 4.3/9

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 224.094+/-0.114 χ^2/NDF : 110563.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.292+/-0.106 χ^2/NDF : 147856.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

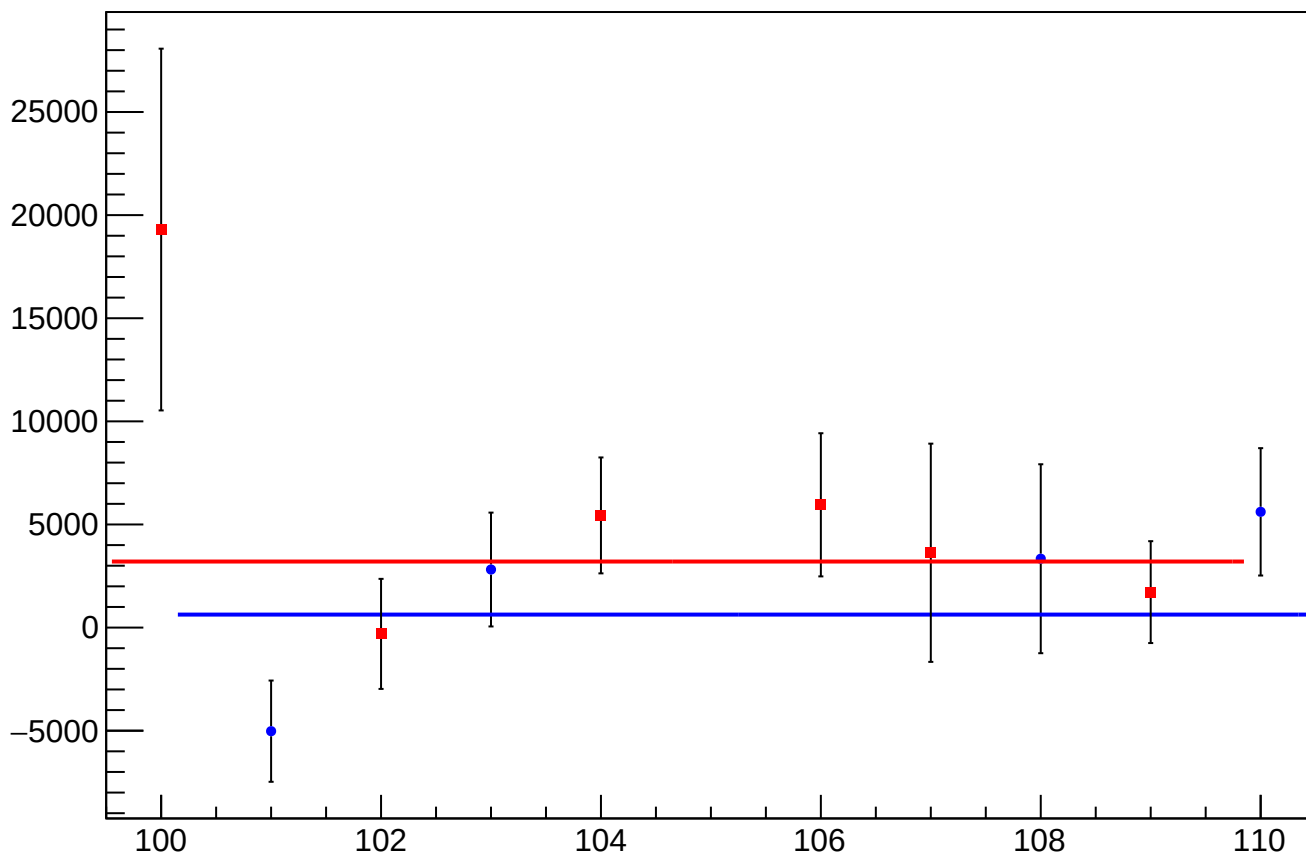
Right: 222.061+/-0.078 χ^2/NDF : 259017.4/9

In: 224.094+/-0.114 χ^2/NDF : 110563.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.061+/-0.078 χ^2/NDF : 259017.4/9

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 630.392+/-1491.165 χ^2/NDF : 8.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3202.991+/-1333.065 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

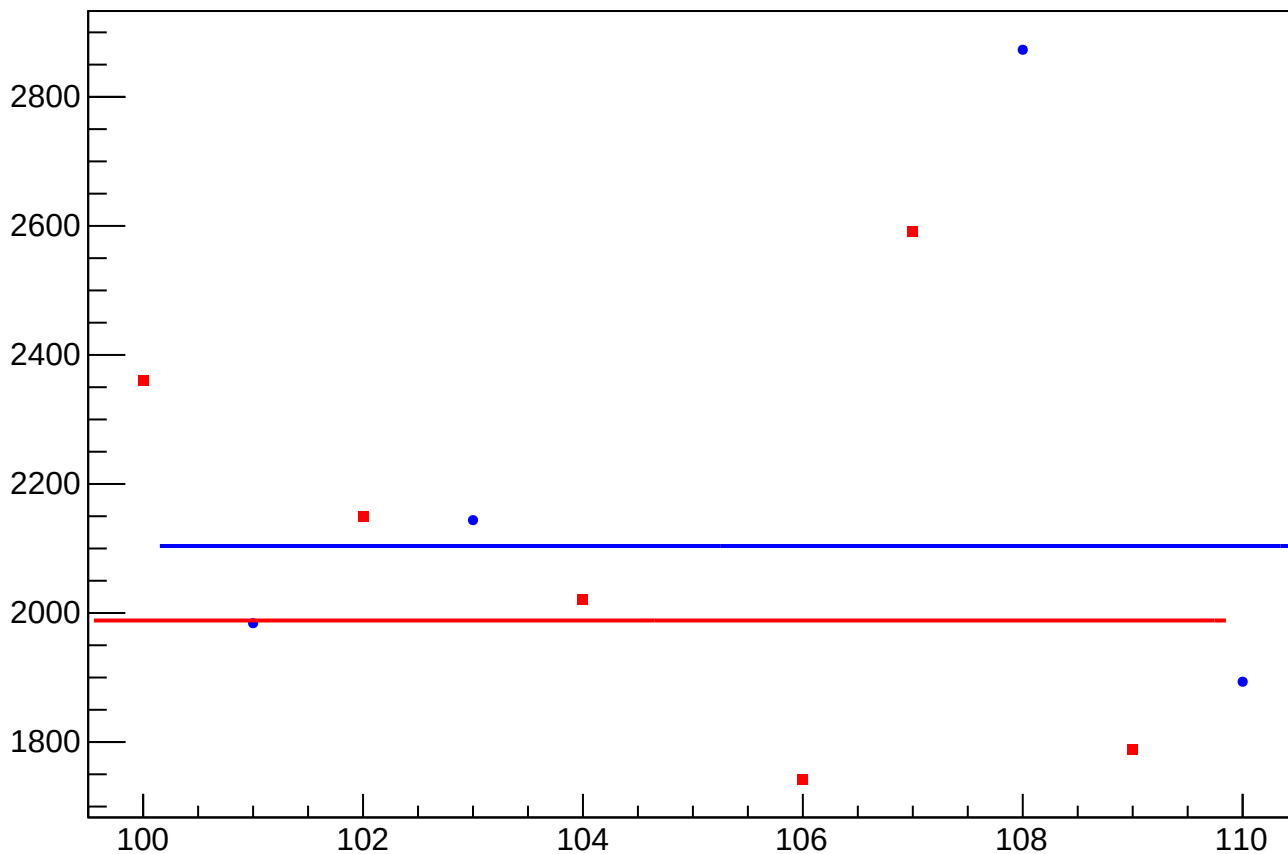
Right: 2060.255+/-993.831 χ^2/NDF : 17.3/9

In: 630.392+/-1491.165 χ^2/NDF : 8.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2060.255+/-993.831 χ^2/NDF : 17.3/9

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2103.856+/-1.054 χ^2/NDF : 70842.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1988.411+/-0.943 χ^2/NDF : 60366.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

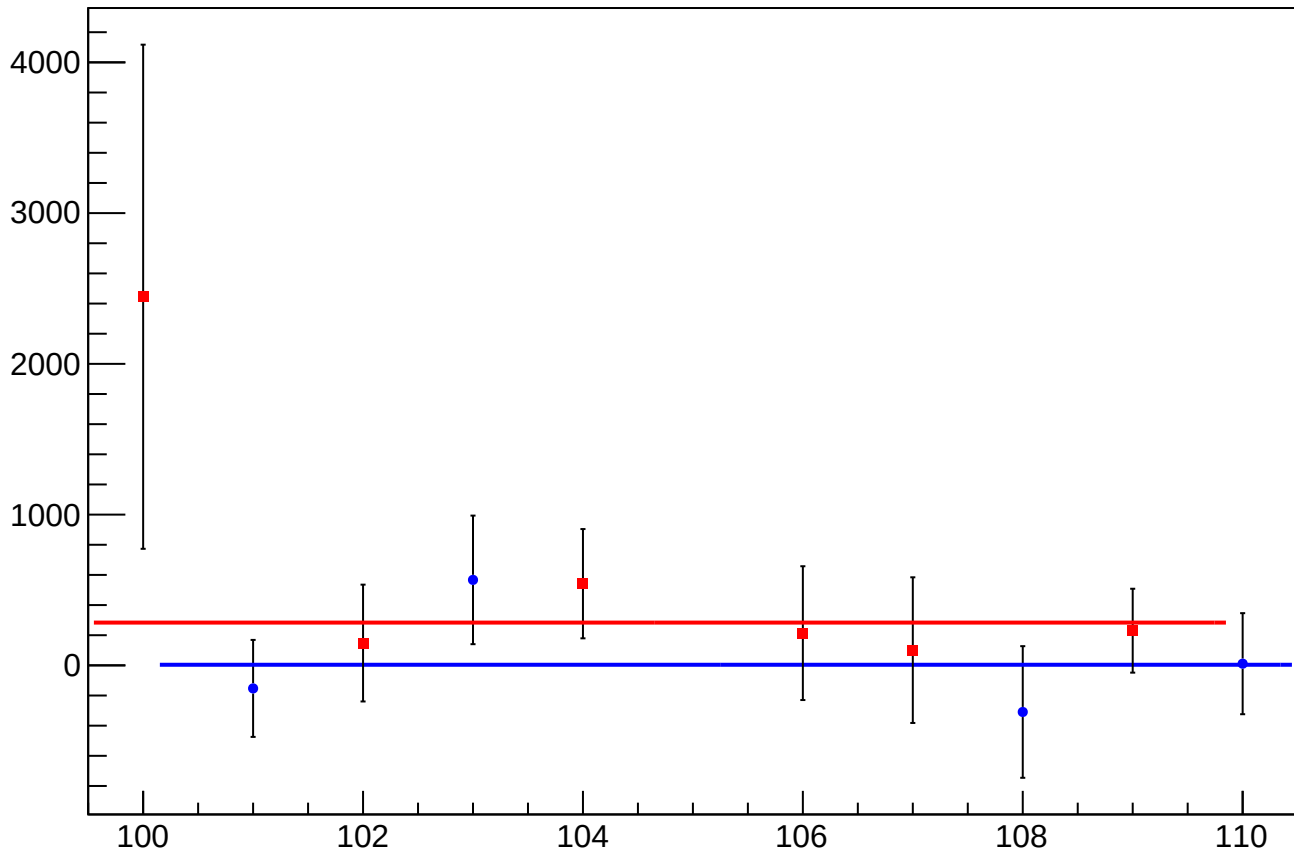
Right: 2039.691+/-0.703 χ^2/NDF : 137871.0/9

In: 2103.856+/-1.054 χ^2/NDF : 70842.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2039.691+/-0.703 χ^2/NDF : 137871.0/9

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 3.997+/-184.708 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 283.766+/-164.605 χ^2/NDF : 2.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

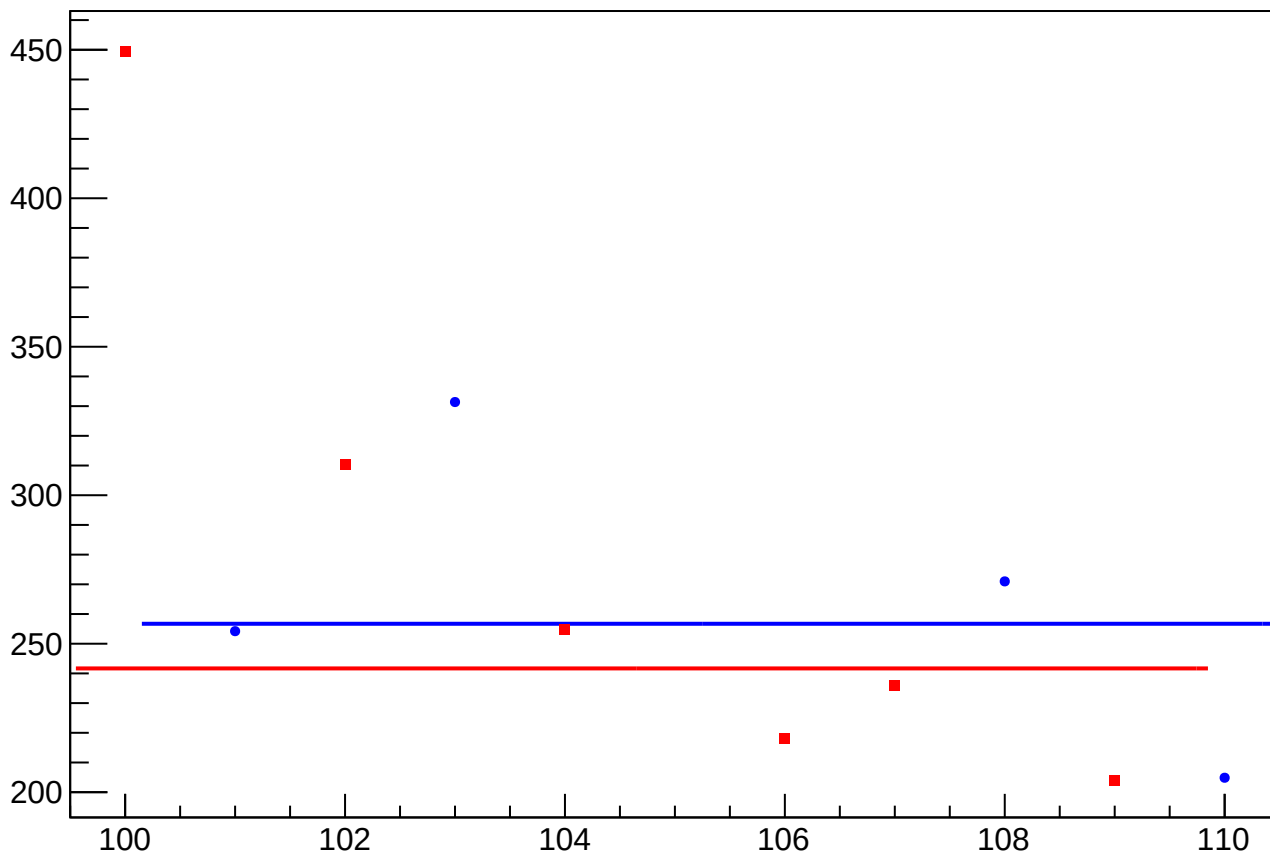
Right: 159.929+/-122.888 χ^2/NDF : 6.3/9

In: 3.997+/-184.708 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.929+/-122.888 χ^2/NDF : 6.3/9

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 256.715+/-0.131 χ^2/NDF : 111422.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.679+/-0.116 χ^2/NDF : 138645.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

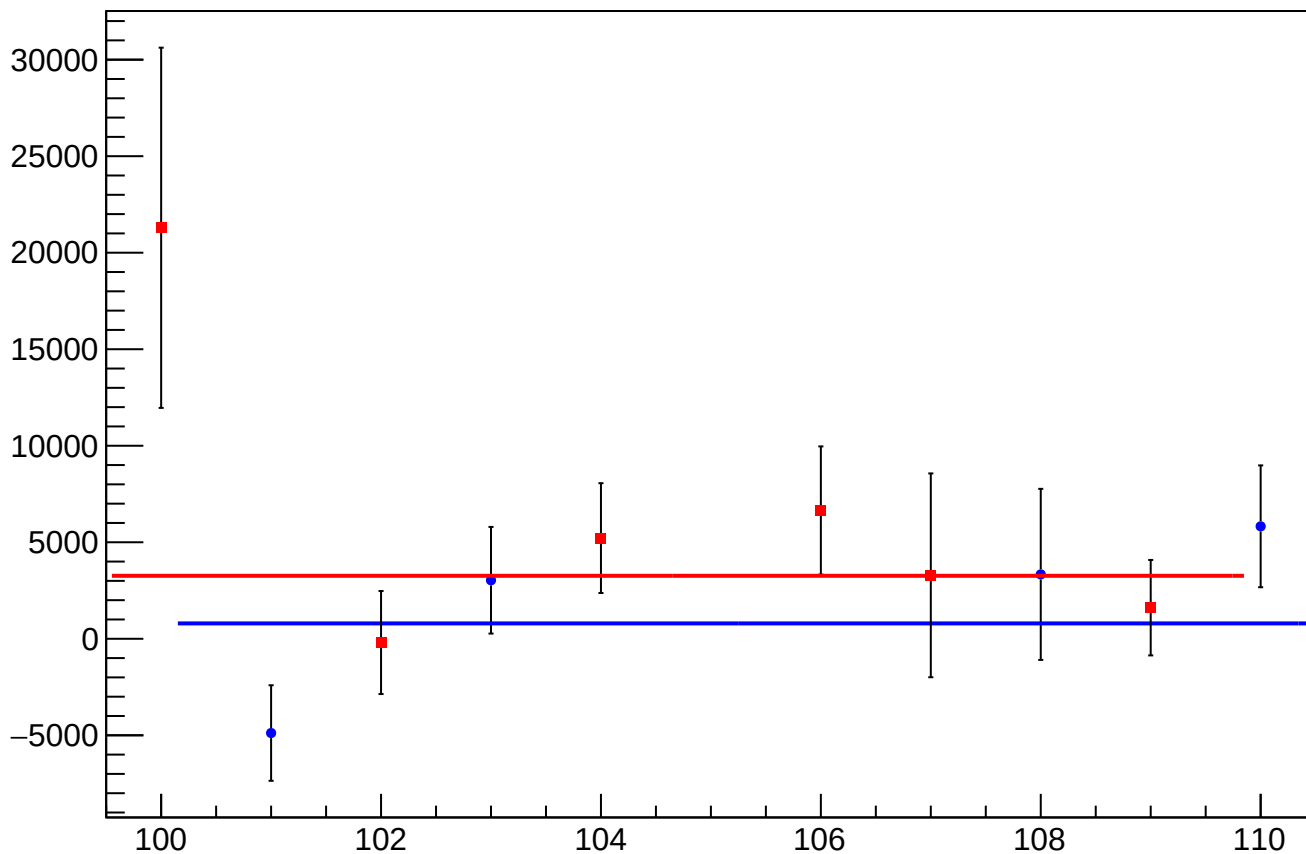
Right: 248.334+/-0.087 χ^2/NDF : 257455.1/9

In: 256.715+/-0.131 χ^2/NDF : 111422.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.334+/-0.087 χ^2/NDF : 257455.1/9

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: 796.097+/-1497.923 χ^2/NDF : 8.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3262.845+/-1329.588 χ^2/NDF : 7.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

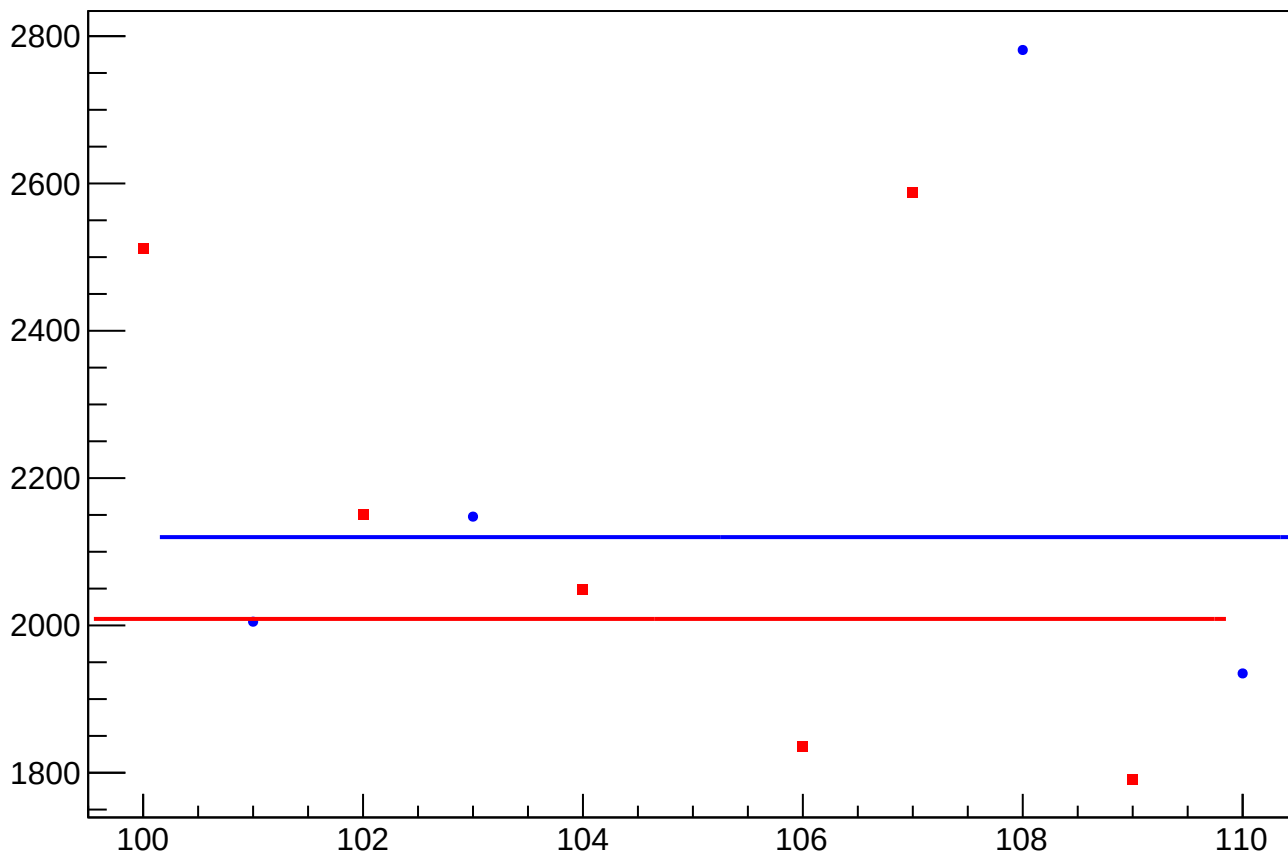
Right: 2175.809+/-994.372 χ^2/NDF : 17.7/9

In: 796.097+/-1497.923 χ^2/NDF : 8.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.809+/-994.372 χ^2/NDF : 17.7/9

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2119.891+/-1.059 χ^2/NDF : 55938.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2008.825+/-0.940 χ^2/NDF : 56861.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

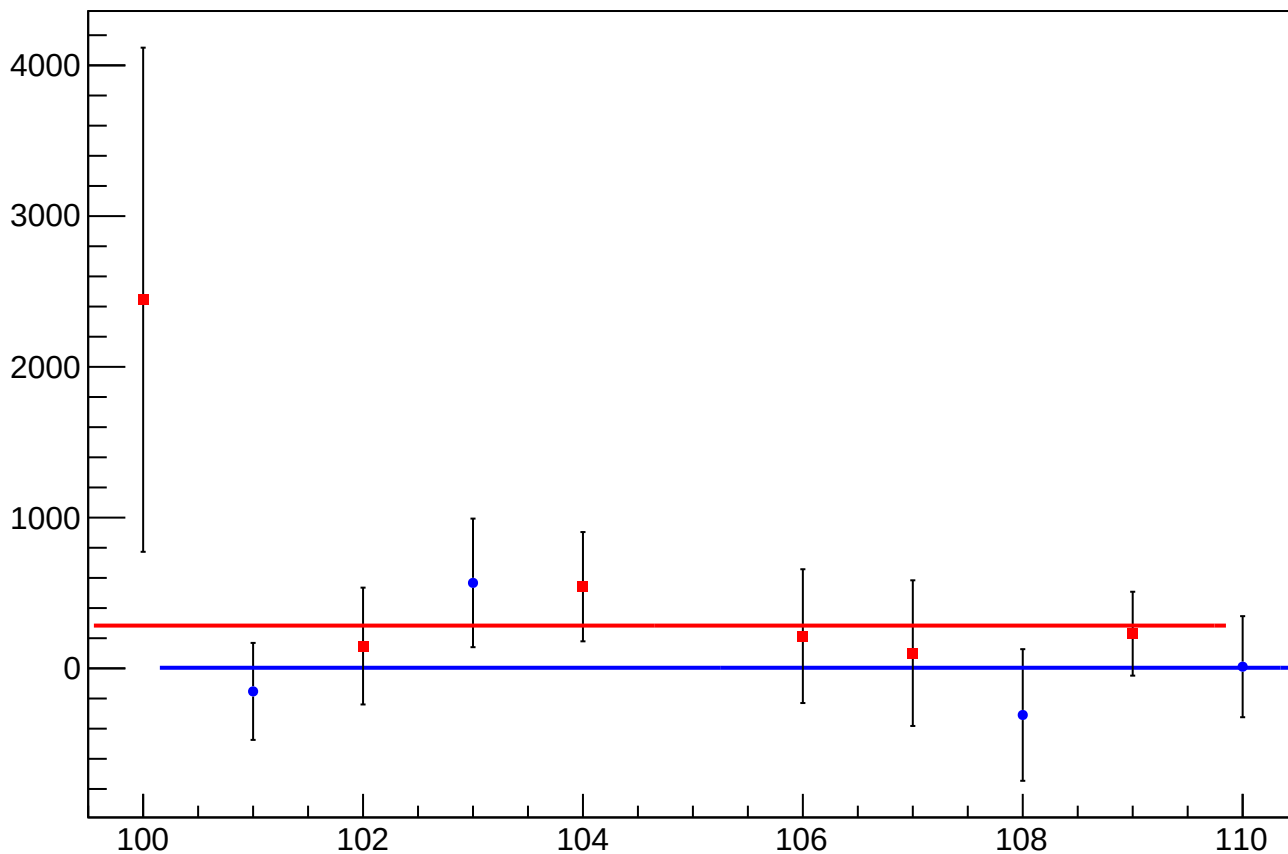
Right: 2057.769+/-0.703 χ^2/NDF : 118949.5/9

In: 2119.891+/-1.059 χ^2/NDF : 55938.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2057.769+/-0.703 χ^2/NDF : 118949.5/9

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 3.995+/-184.708 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 283.764+/-164.605 χ^2/NDF : 2.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

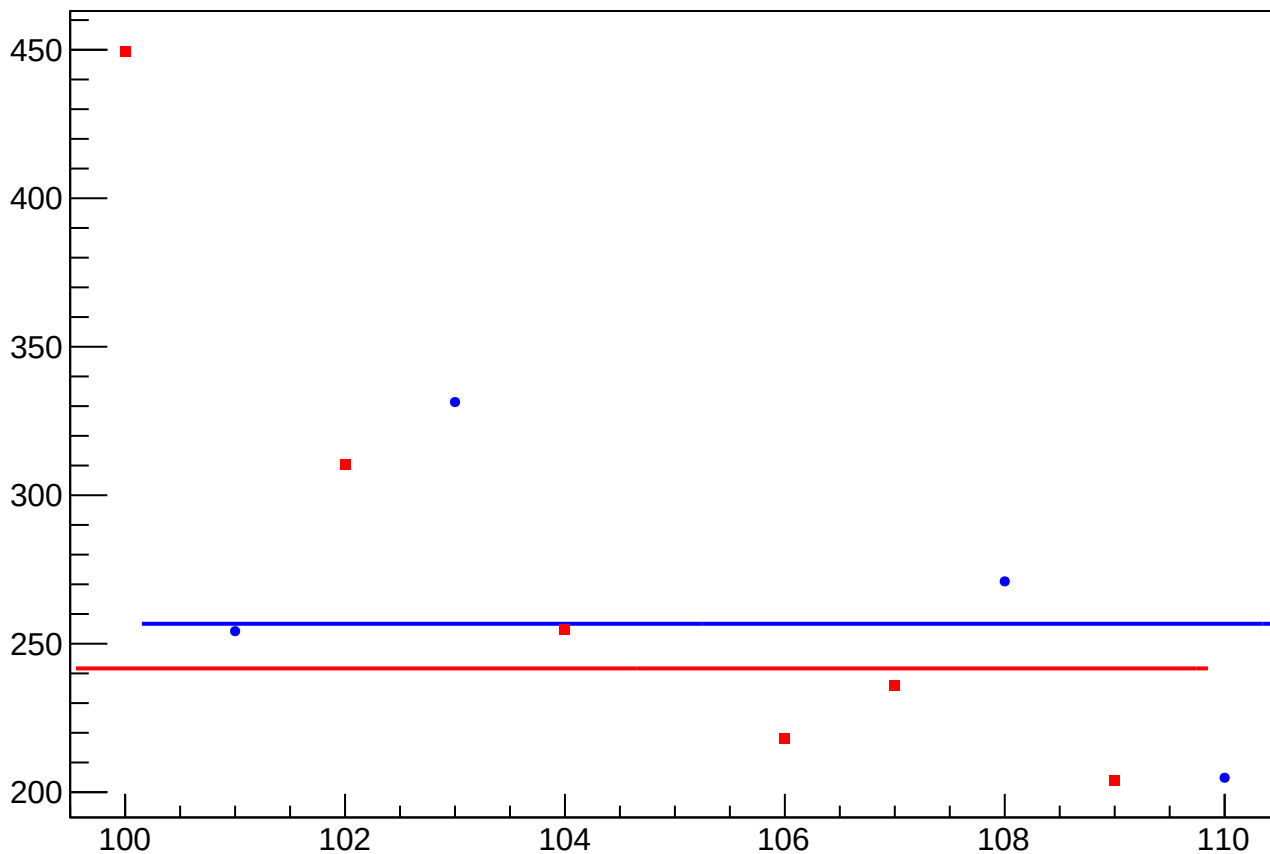
Right: 159.927+/-122.889 χ^2/NDF : 6.3/9

In: 3.995+/-184.708 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.927+/-122.889 χ^2/NDF : 6.3/9

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 256.715+/-0.131 χ^2/NDF : 111425.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.679+/-0.116 χ^2/NDF : 138644.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

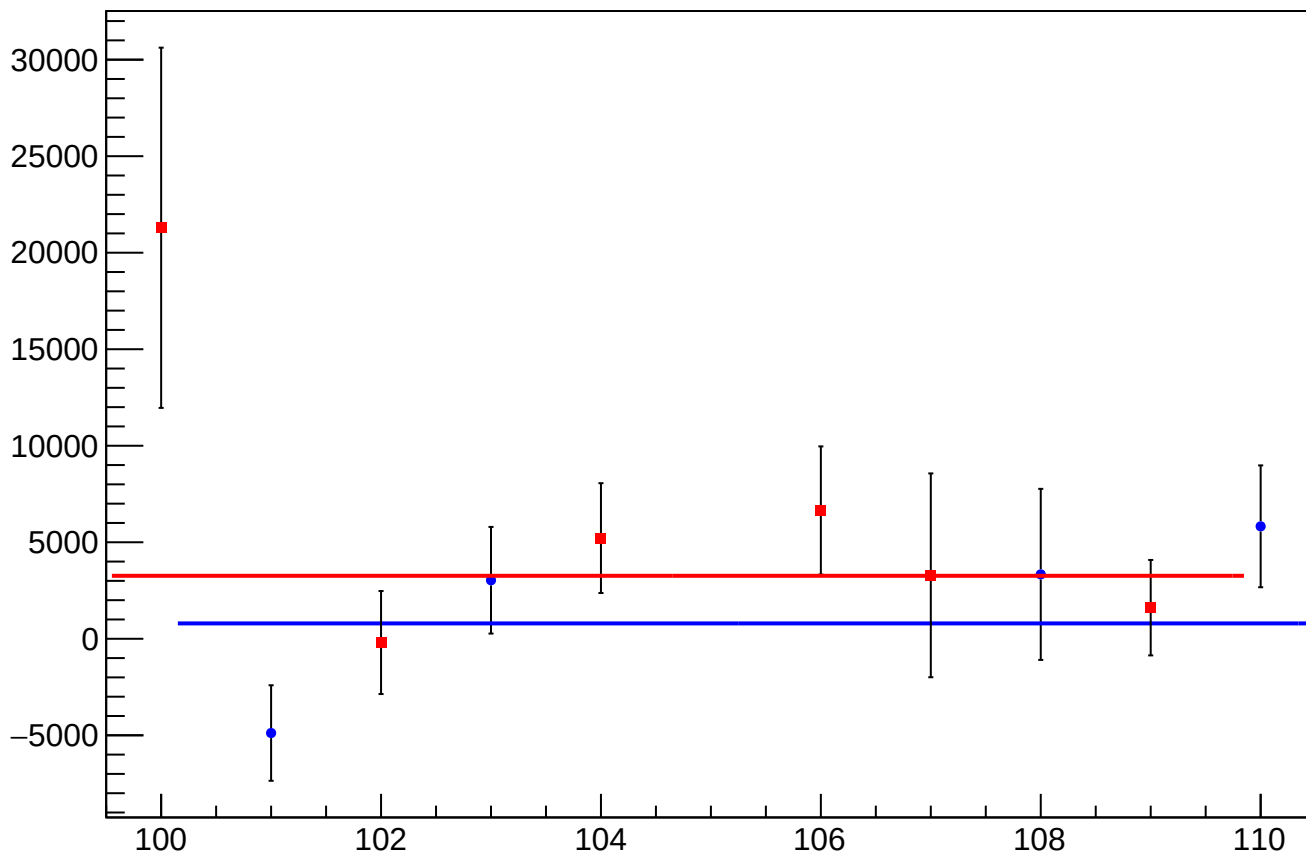
Right: 248.335+/-0.087 χ^2/NDF : 257456.4/9

In: 256.715+/-0.131 χ^2/NDF : 111425.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.335+/-0.087 χ^2/NDF : 257456.4/9

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 796.099+/-1497.922 χ^2/NDF : 8.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3262.844+/-1329.588 χ^2/NDF : 7.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

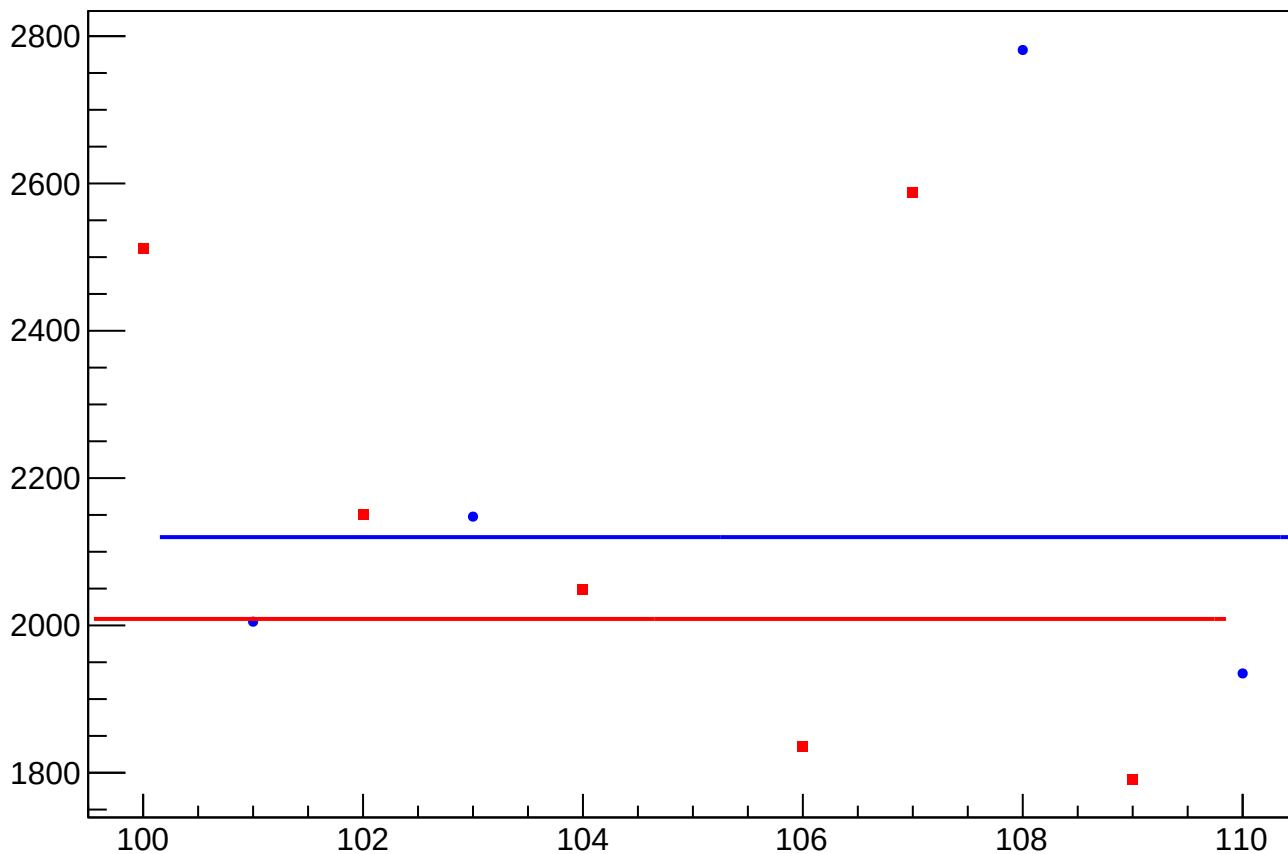
Right: 2175.810+/-994.372 χ^2/NDF : 17.7/9

In: 796.099+/-1497.922 χ^2/NDF : 8.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.810+/-994.372 χ^2/NDF : 17.7/9

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2119.891+/-1.059 χ^2/NDF : 55938.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2008.825+/-0.940 χ^2/NDF : 56862.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

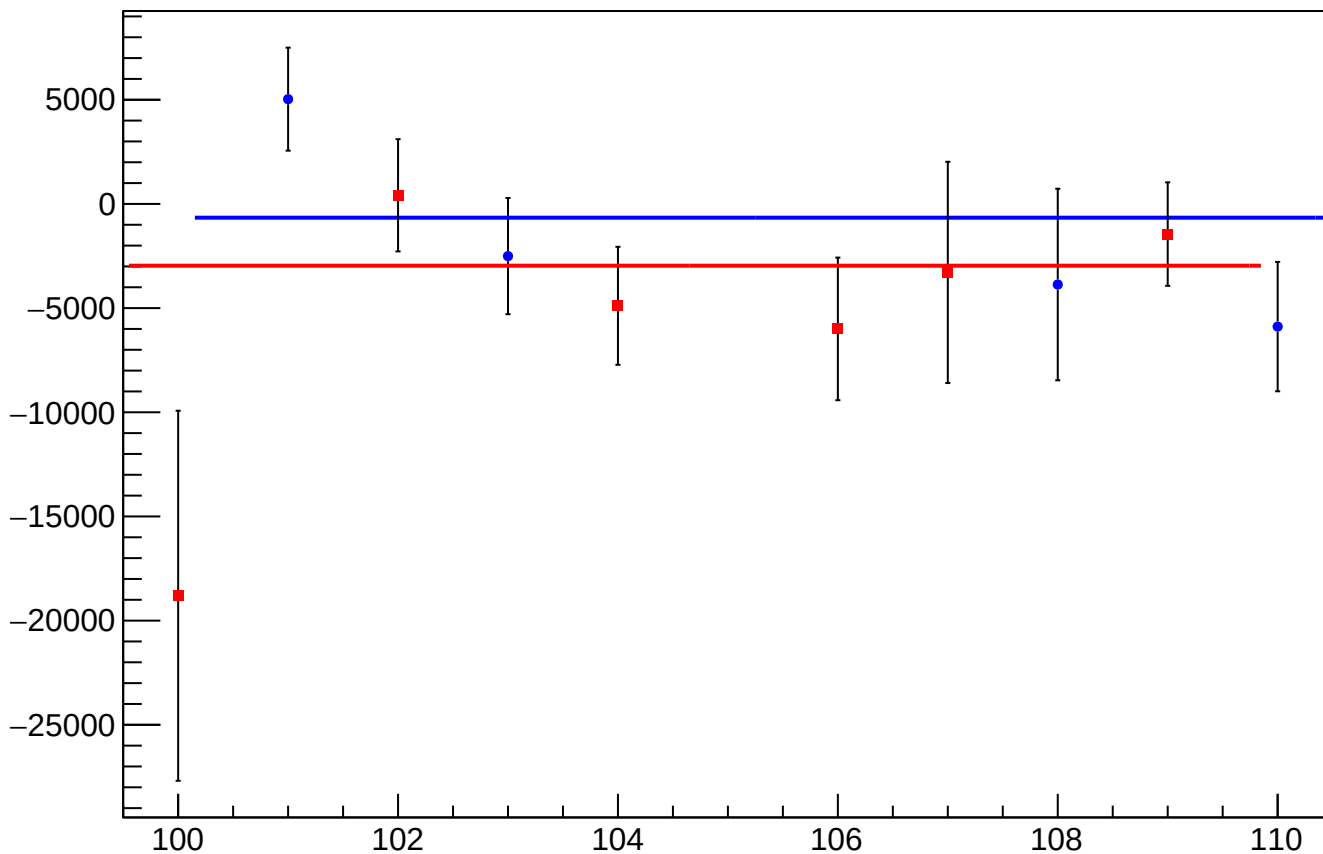
Right: 2057.769+/-0.703 χ^2/NDF : 118950.1/9

In: 2119.891+/-1.059 χ^2/NDF : 55938.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2057.769+/-0.703 χ^2/NDF : 118950.1/9

asym_sam4_mean vs Slug, Sign Corrected



Right In: -660.063+/-1502.019 χ^2/NDF : 9.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2964.314+/-1338.652 χ^2/NDF : 6.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

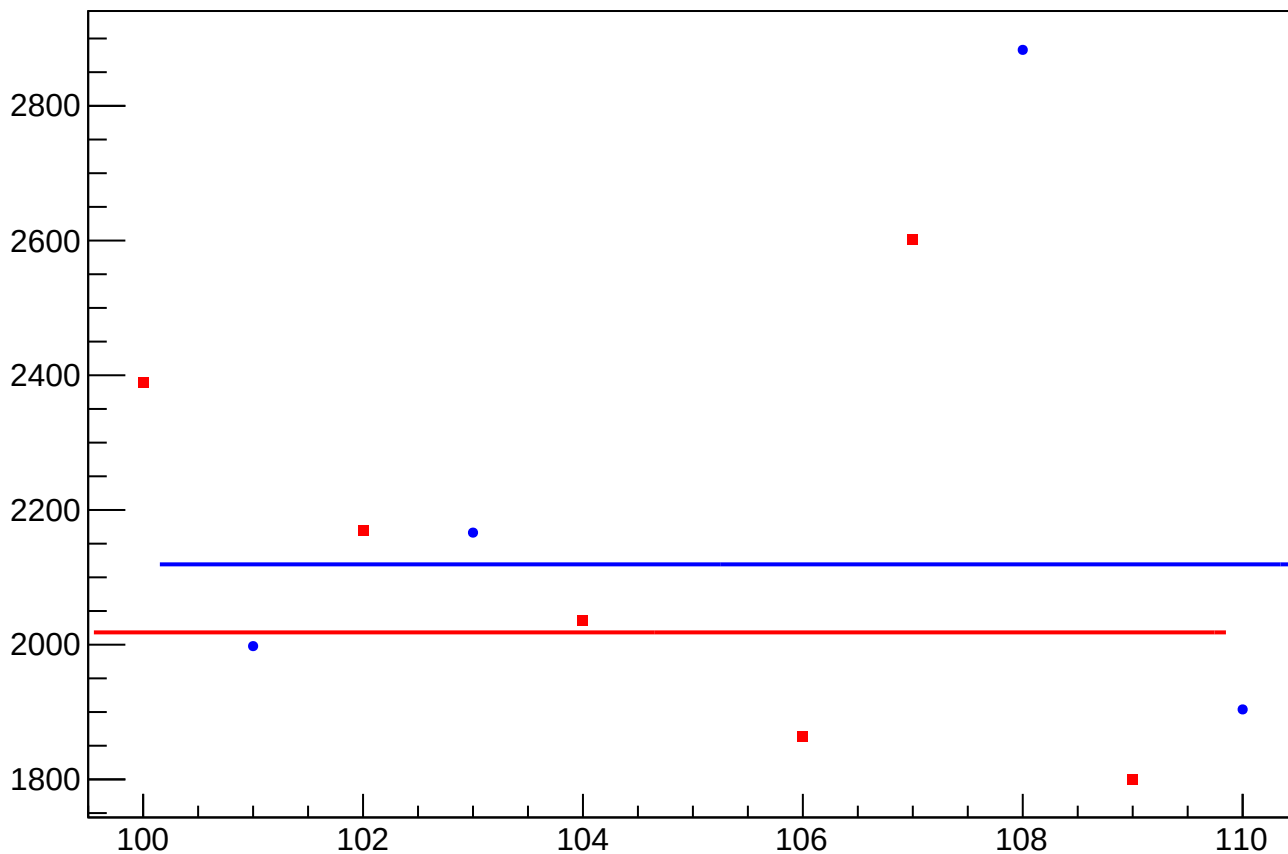
Right: -1944.270+/-999.356 χ^2/NDF : 16.7/9

In: -660.063+/-1502.019 χ^2/NDF : 9.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1944.270+/-999.356 χ^2/NDF : 16.7/9

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2119.267+/-1.062 χ^2/NDF : 70240.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2018.260+/-0.947 χ^2/NDF : 53563.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

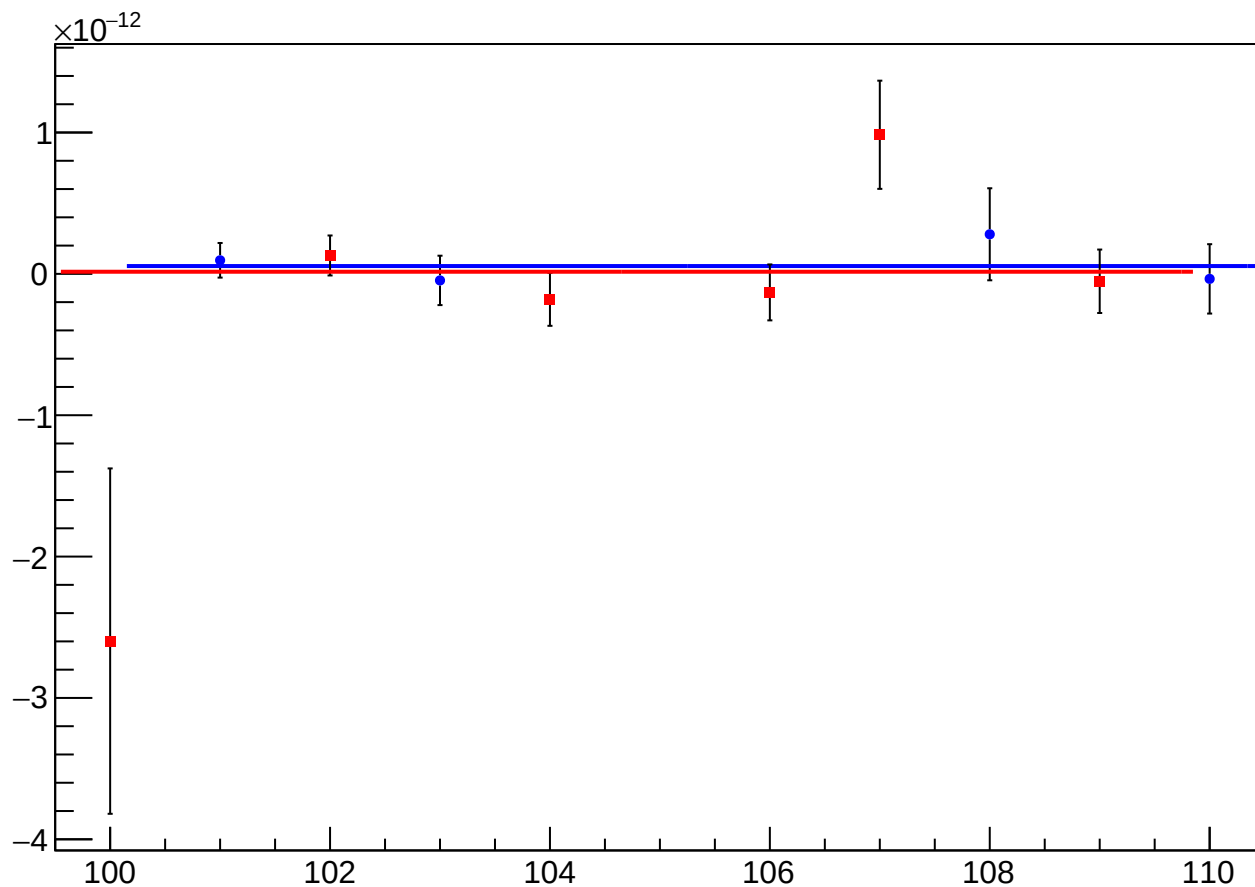
Right: 2062.974+/-0.707 χ^2/NDF : 128844.2/9

In: 2119.267+/-1.062 χ^2/NDF : 70240.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.974+/-0.707 χ^2/NDF : 128844.2/9

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

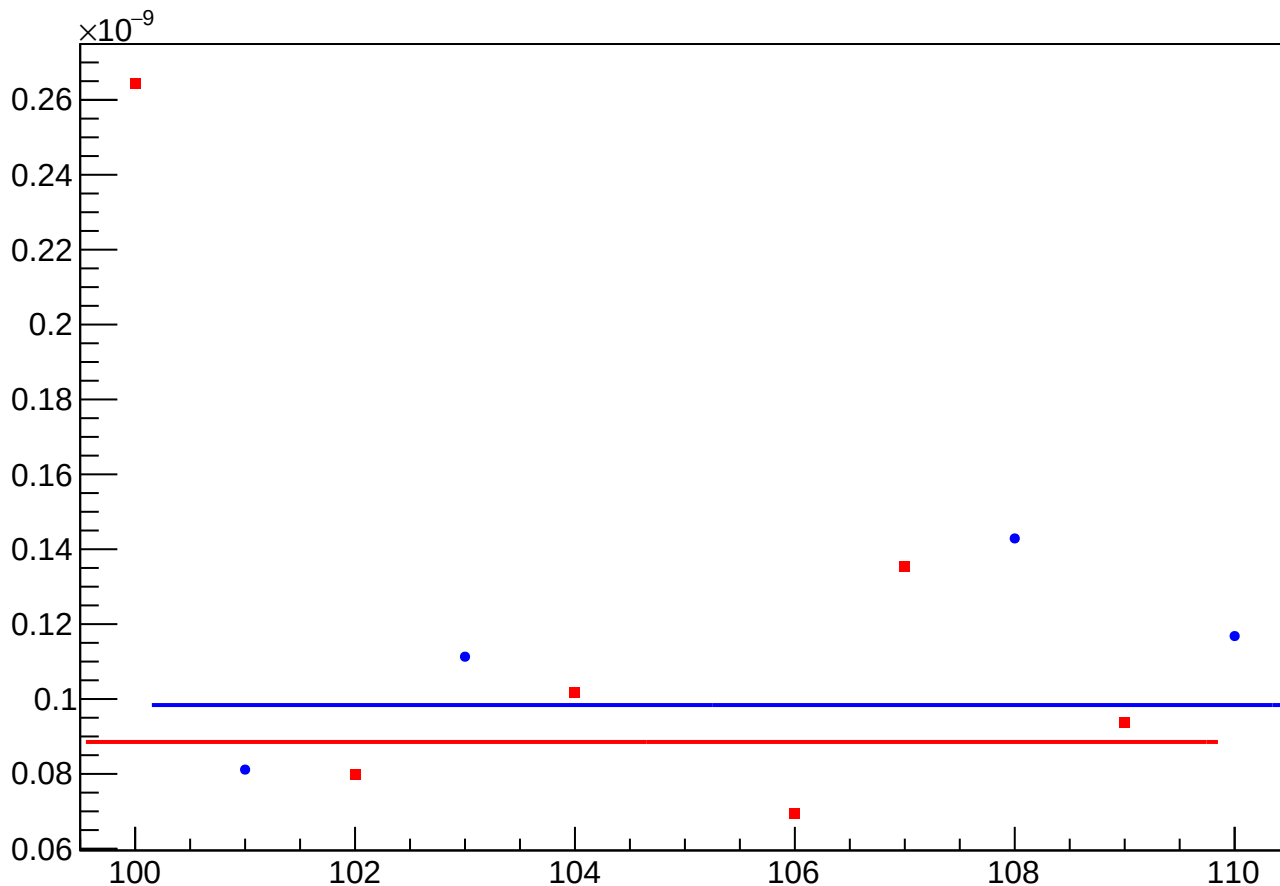
Right: 0.000+/-0.000 χ^2/NDF : 14.5/9

In: 0.000+/-0.000 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.5/9

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 99183.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 108677.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

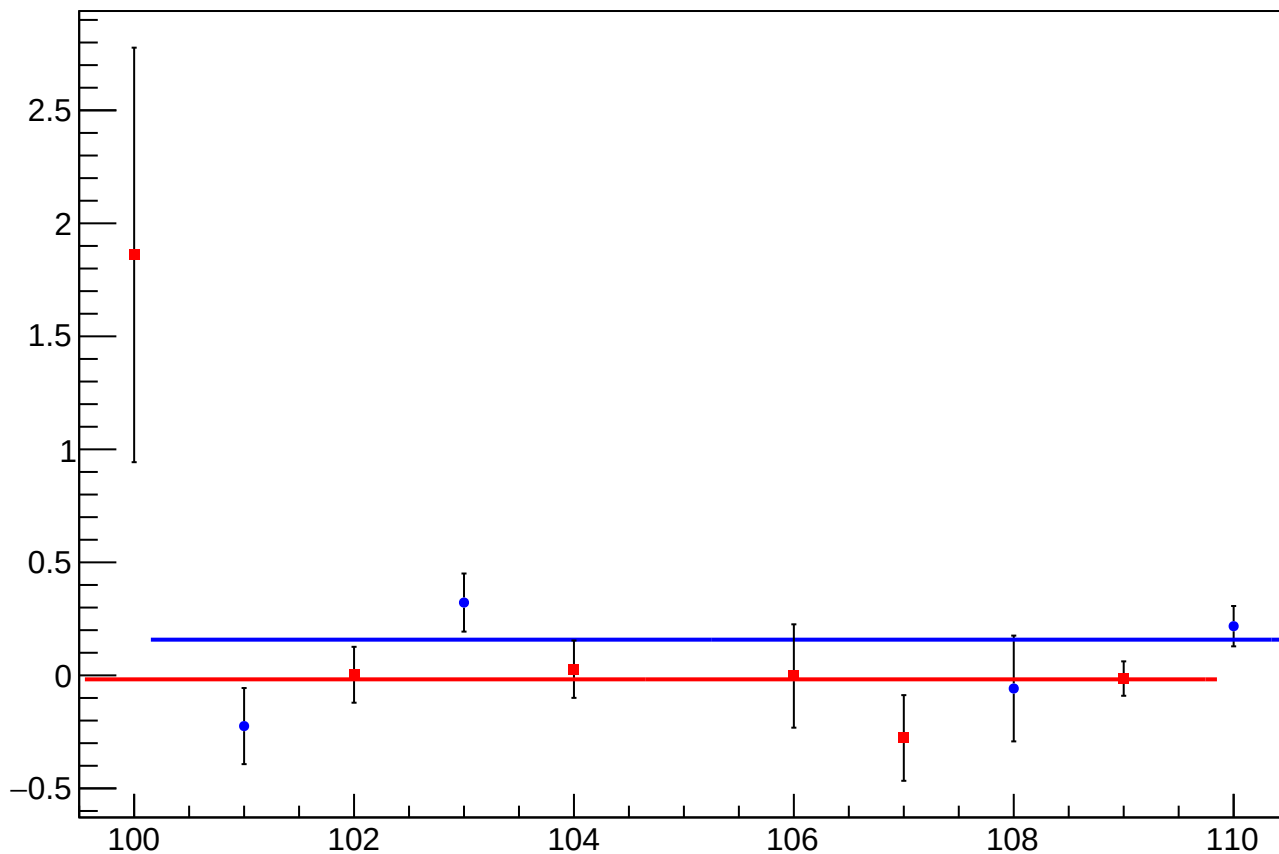
Right: 0.000+/-0.000 χ^2/NDF : 220329.6/9

In: 0.000+/-0.000 χ^2/NDF : 99183.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 220329.6/9

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.158+/-0.065 χ^2/NDF : 8.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.018+/-0.054 χ^2/NDF : 6.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

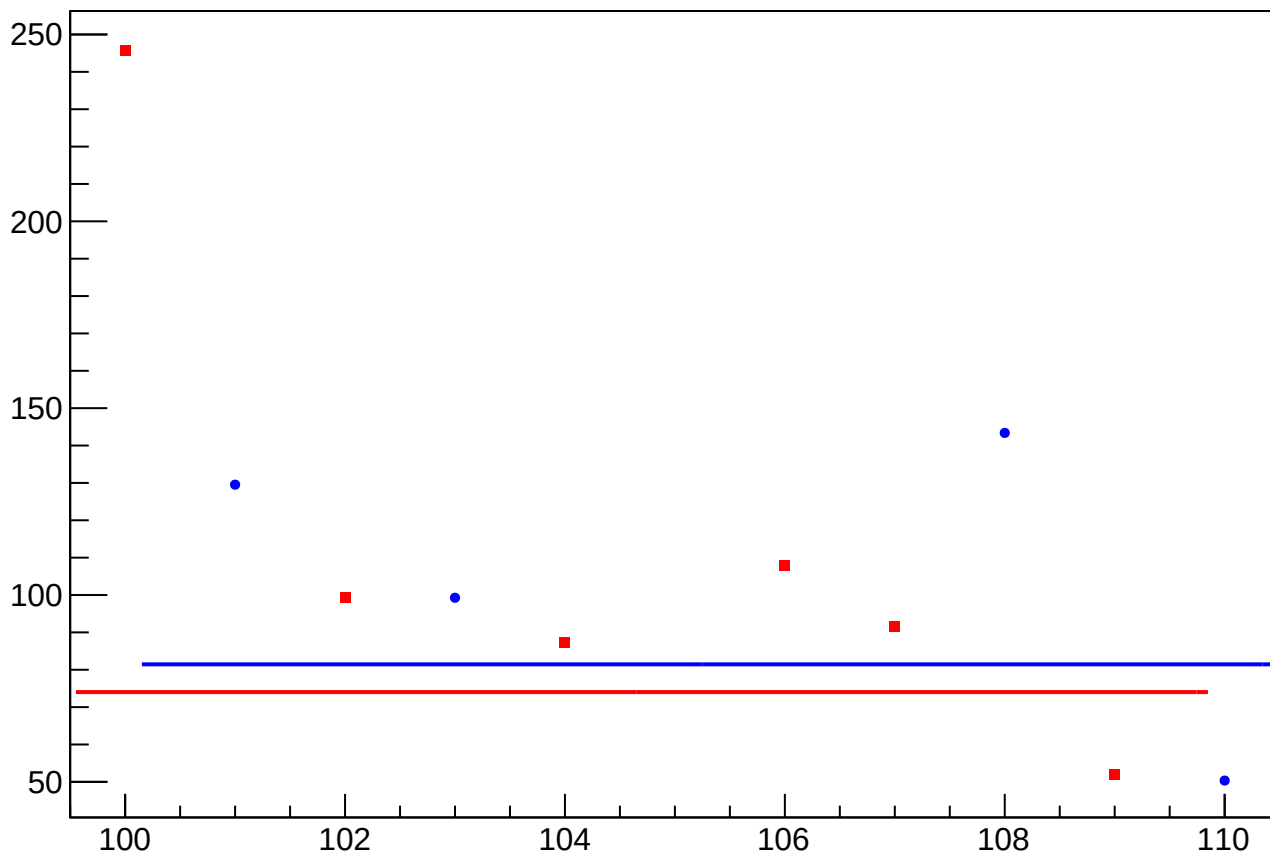
Right: 0.054+/-0.041 χ^2/NDF : 18.7/9

In: 0.158+/-0.065 χ^2/NDF : 8.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.054+/-0.041 χ^2/NDF : 18.7/9

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.450+/-0.046 χ^2/NDF : 584533.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.028+/-0.038 χ^2/NDF : 405465.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

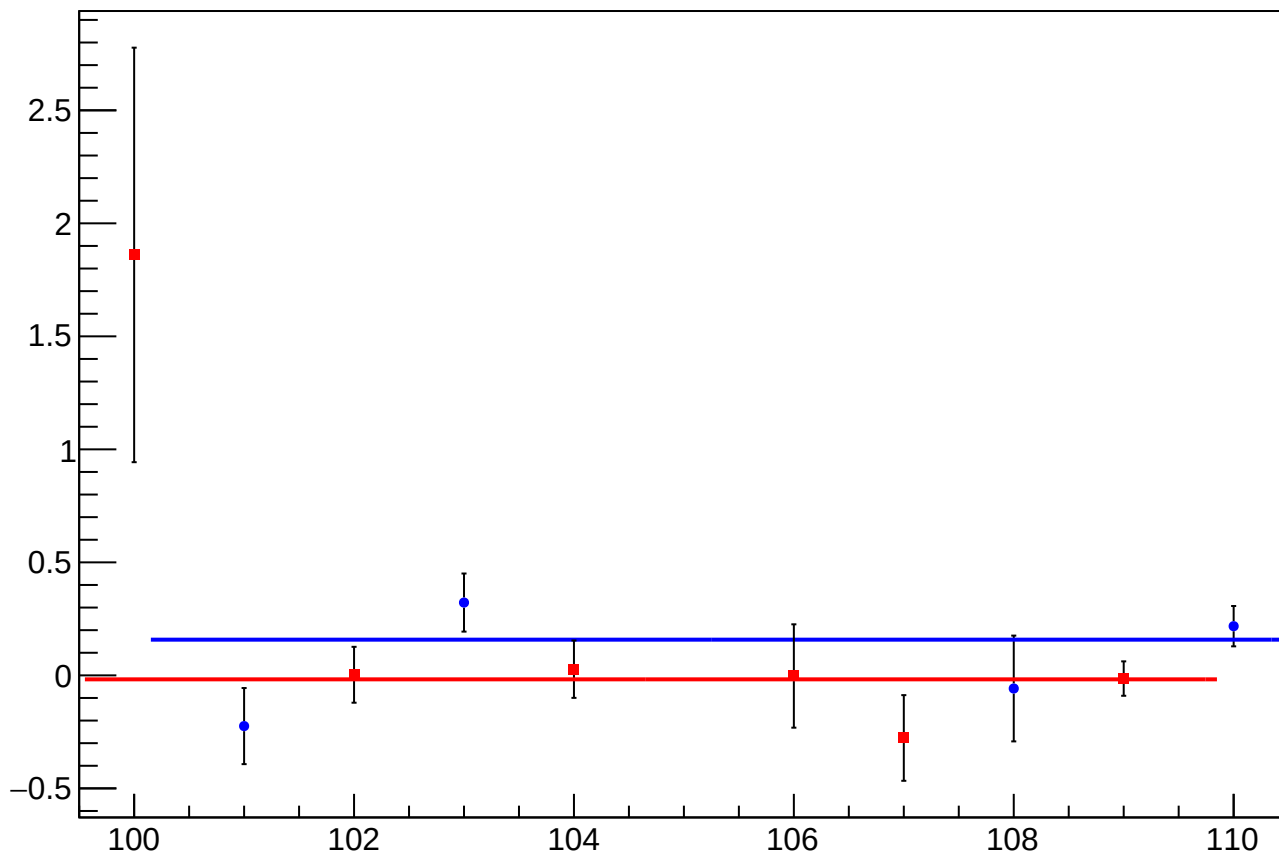
Right: 77.054+/-0.029 χ^2/NDF : 1005639.1/9

In: 81.450+/-0.046 χ^2/NDF : 584533.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.054+/-0.029 χ^2/NDF : 1005639.1/9

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.158+/-0.065 χ^2/NDF : 8.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.018+/-0.054 χ^2/NDF : 6.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

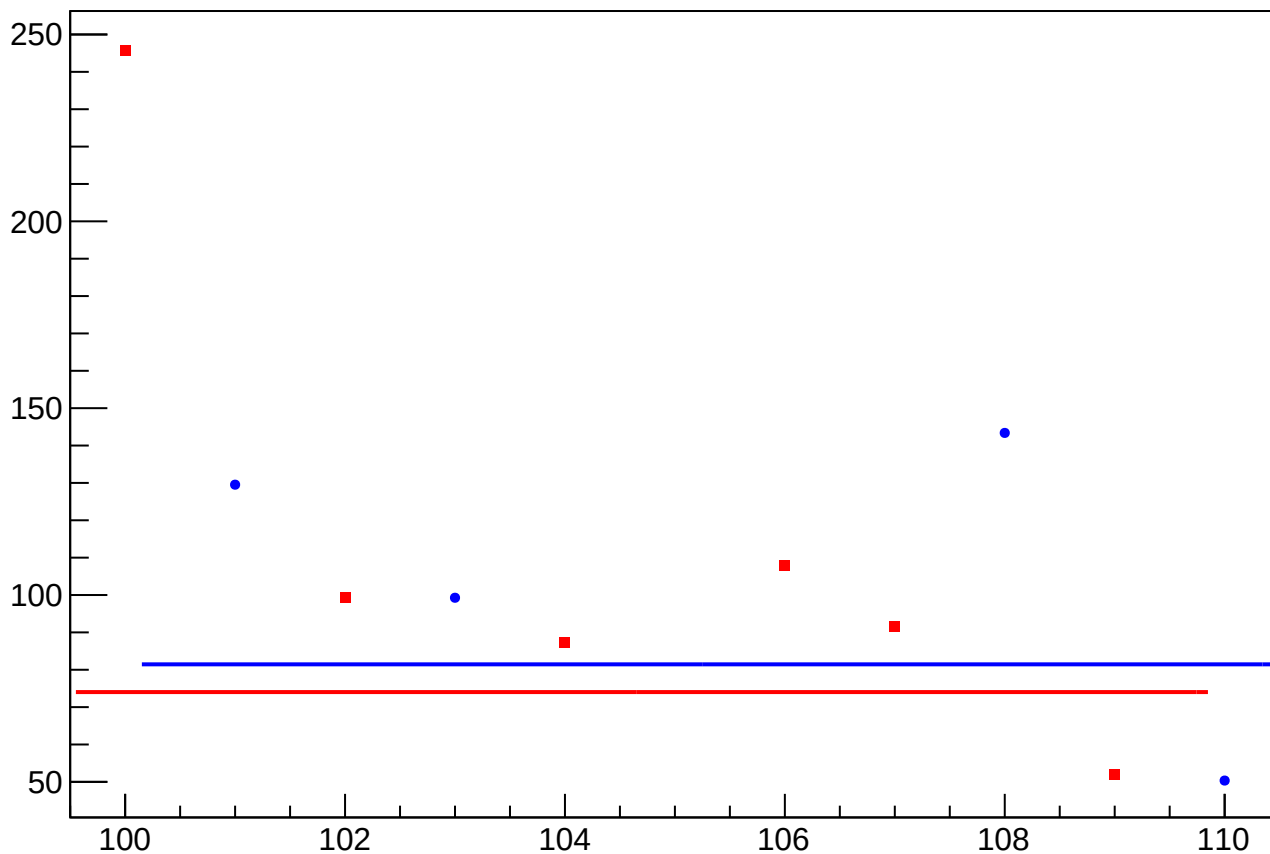
Right: 0.054+/-0.041 χ^2/NDF : 18.7/9

In: 0.158+/-0.065 χ^2/NDF : 8.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.054+/-0.041 χ^2/NDF : 18.7/9

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.450+/-0.046 χ^2/NDF : 584533.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.028+/-0.038 χ^2/NDF : 405465.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

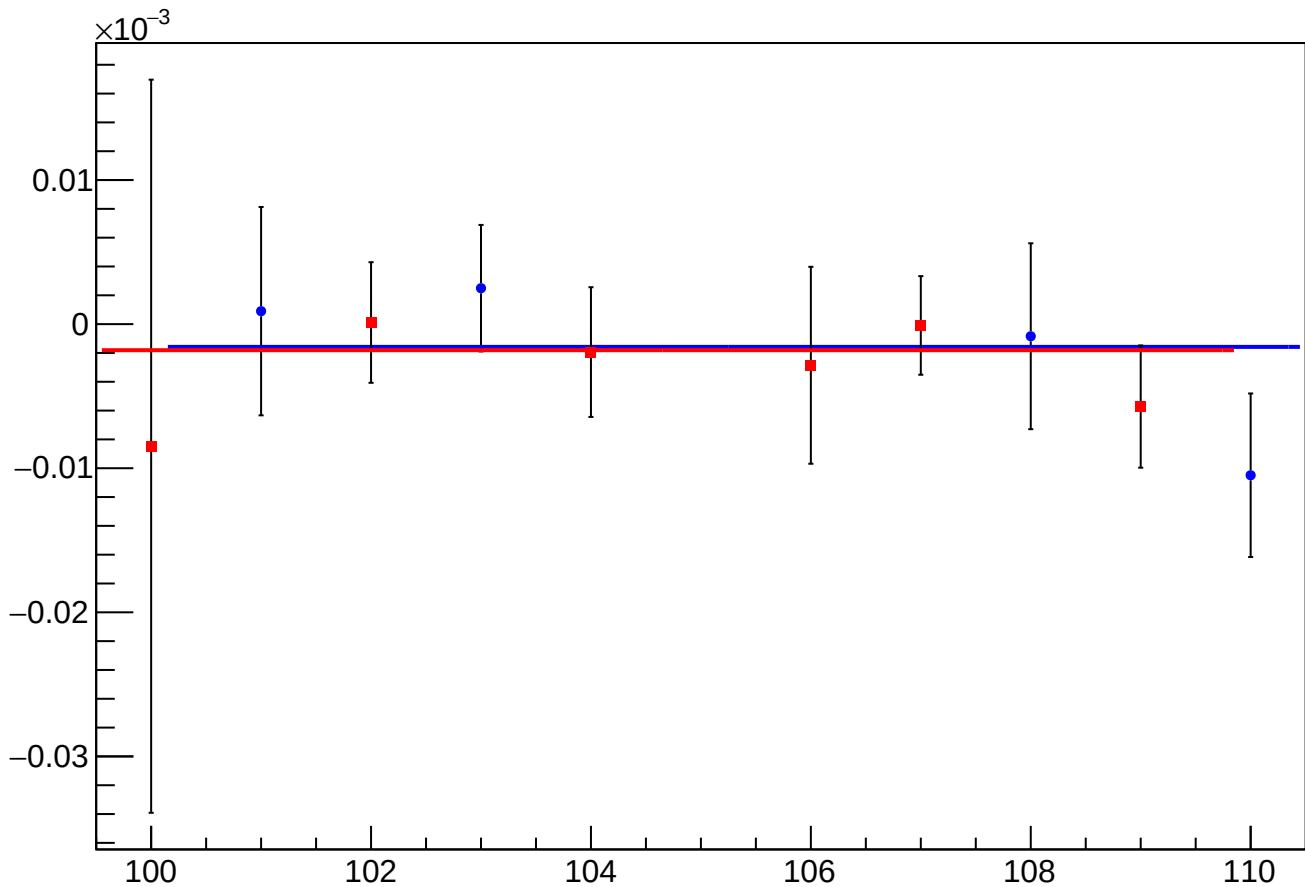
Right: 77.054+/-0.029 χ^2/NDF : 1005639.1/9

In: 81.450+/-0.046 χ^2/NDF : 584533.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.054+/-0.029 χ^2/NDF : 1005639.1/9

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

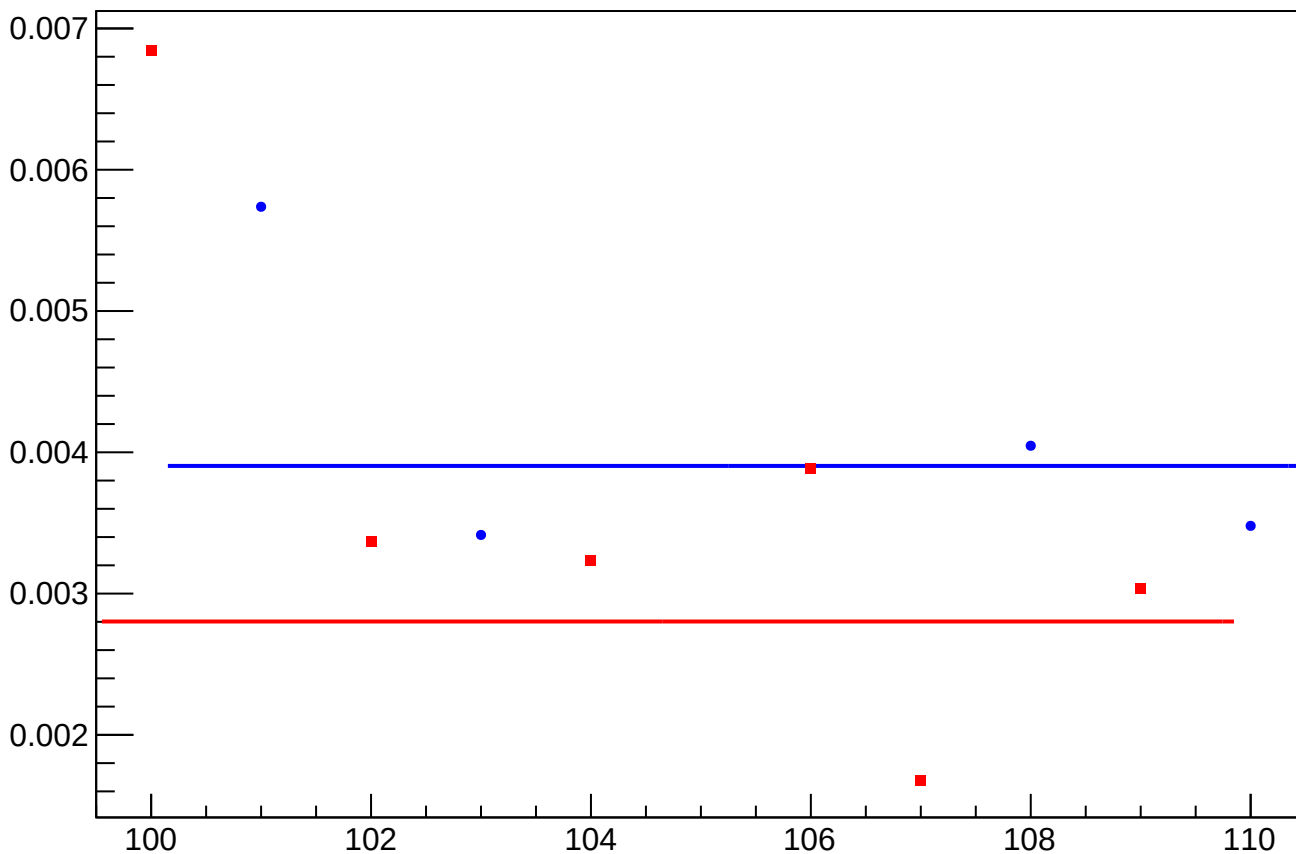
Right: -0.000+/-0.000 χ^2/NDF : 4.9/9

In: -0.000+/-0.000 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.9/9

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 165699.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 377887.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

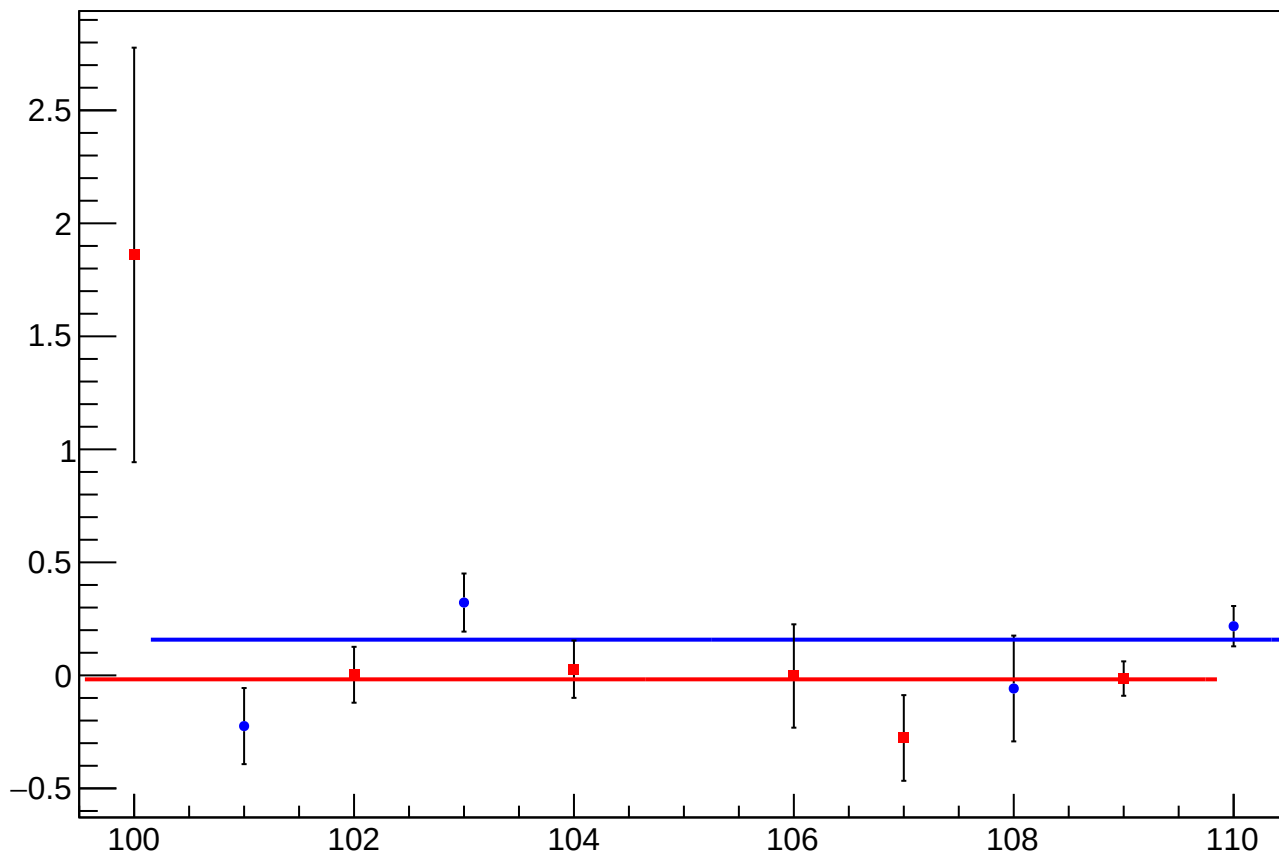
Right: 0.003+/-0.000 χ^2/NDF : 752168.6/9

In: 0.004+/-0.000 χ^2/NDF : 165699.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 752168.6/9

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.158+/-0.065 χ^2/NDF : 8.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.018+/-0.054 χ^2/NDF : 6.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

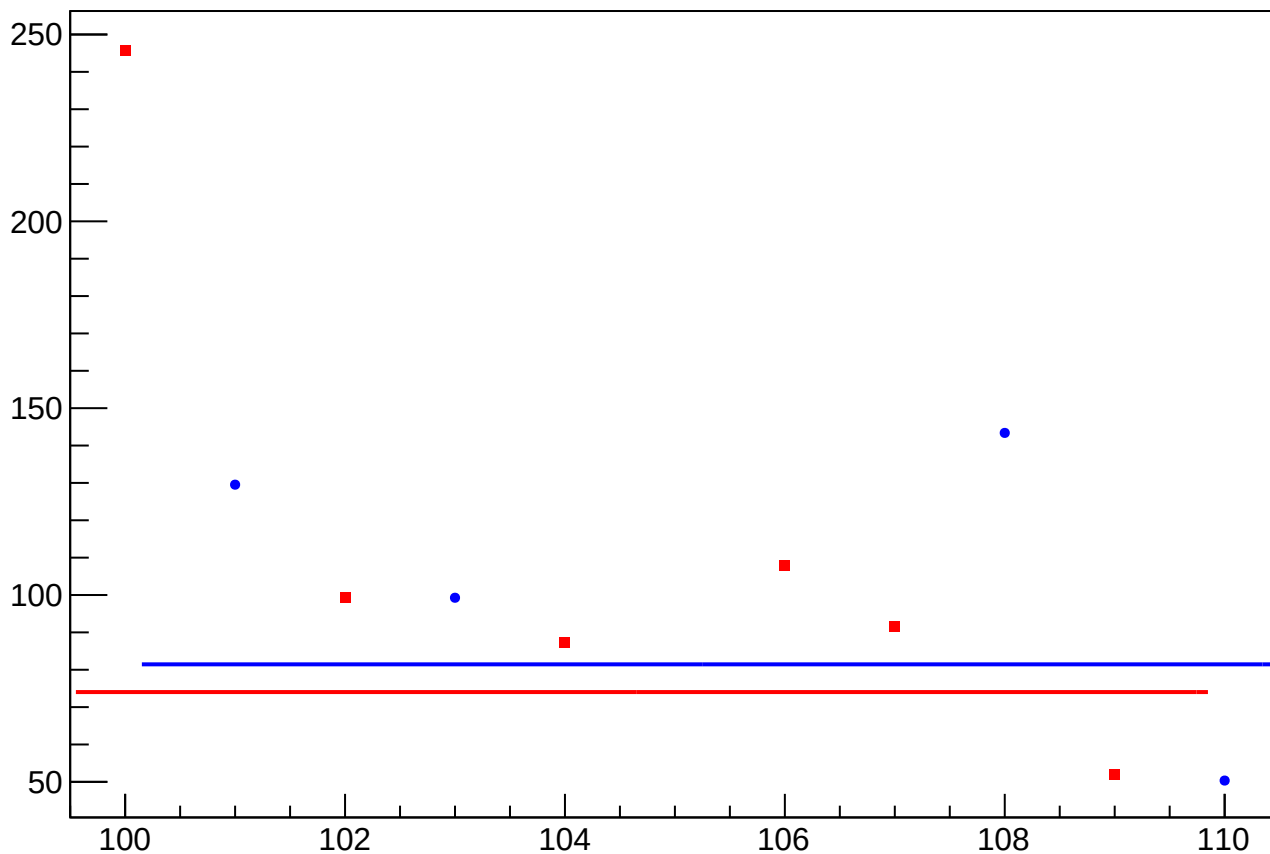
Right: 0.054+/-0.041 χ^2/NDF : 18.7/9

In: 0.158+/-0.065 χ^2/NDF : 8.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.054+/-0.041 χ^2/NDF : 18.7/9

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.448+/-0.046 χ^2/NDF : 584611.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.029+/-0.038 χ^2/NDF : 405432.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

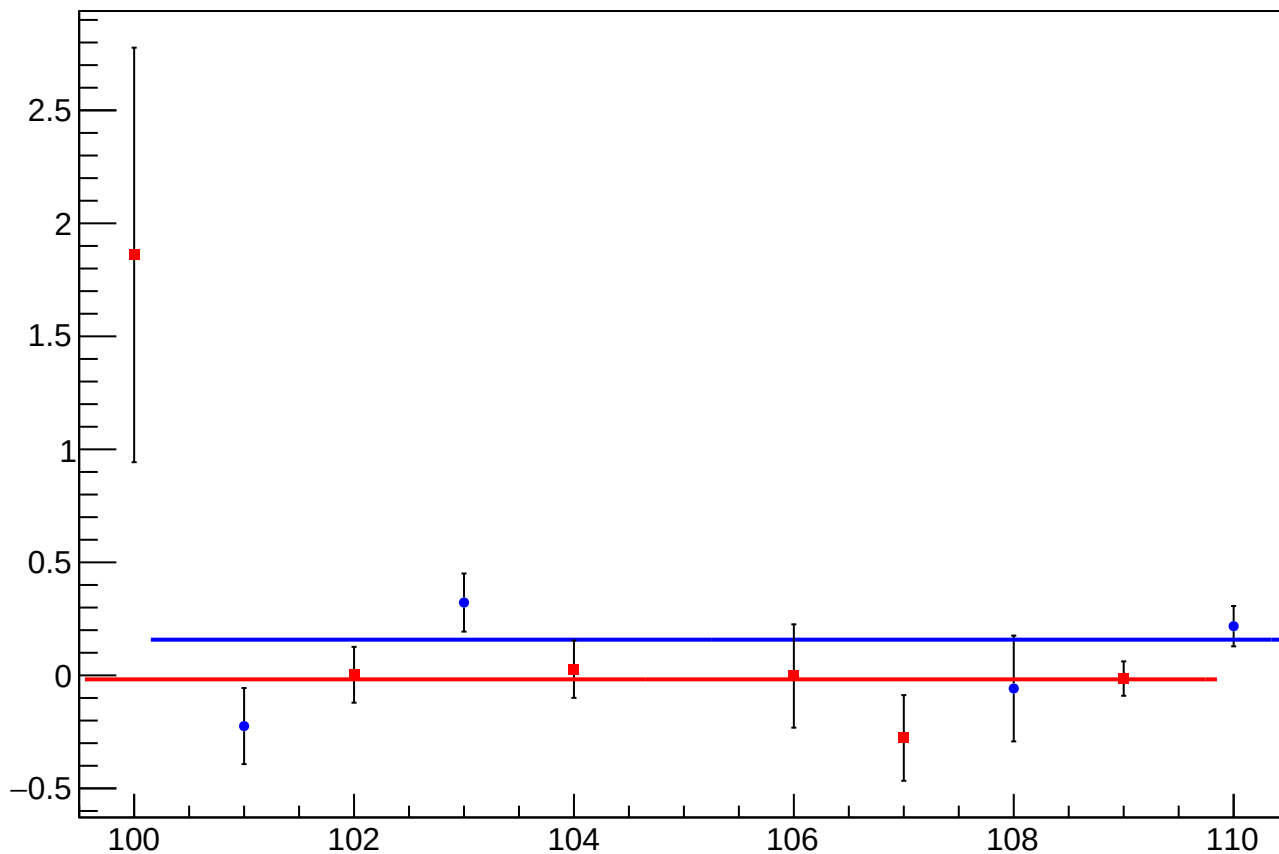
Right: 77.054+/-0.029 χ^2/NDF : 1005667.7/9

In: 81.448+/-0.046 χ^2/NDF : 584611.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.054+/-0.029 χ^2/NDF : 1005667.7/9

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.158+/-0.065 χ^2/NDF : 8.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.018+/-0.054 χ^2/NDF : 6.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

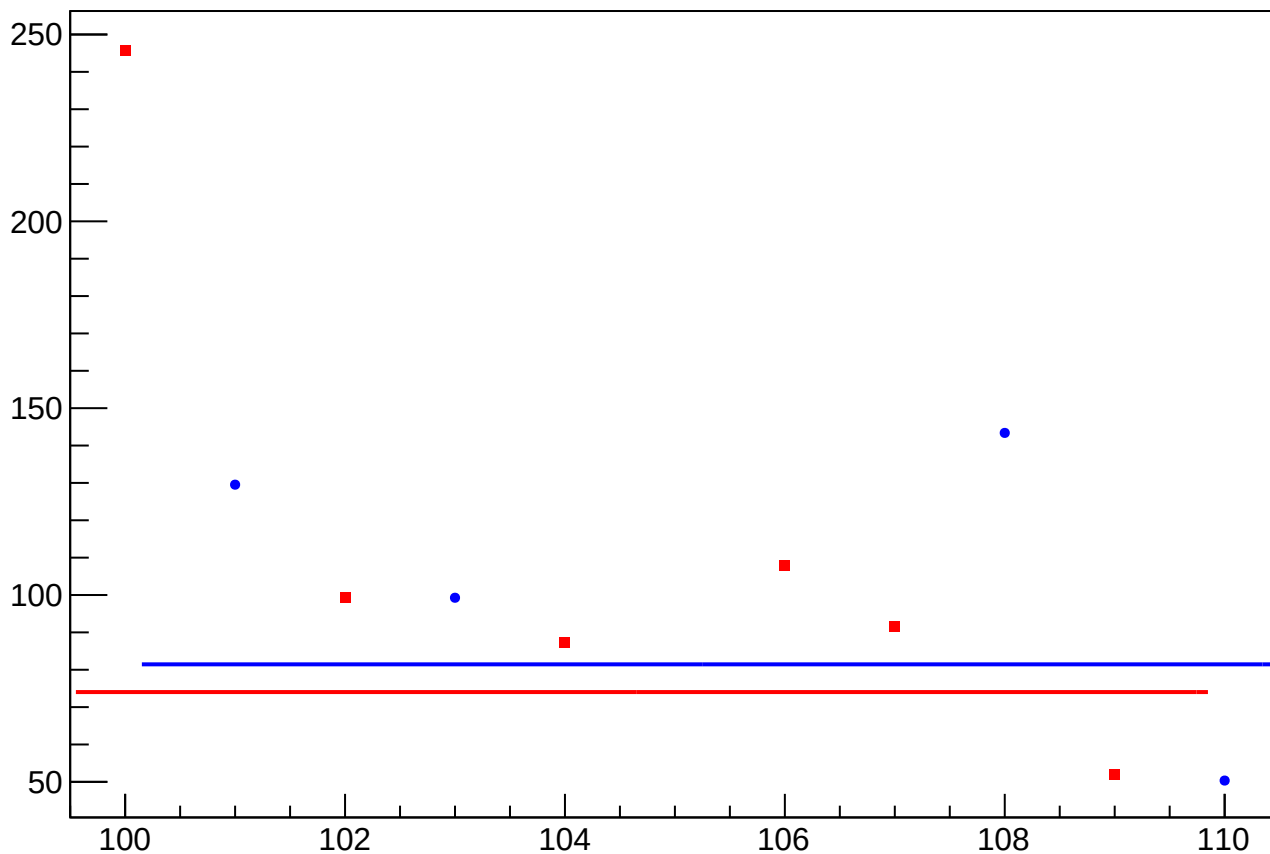
Right: 0.054+/-0.041 χ^2/NDF : 18.7/9

In: 0.158+/-0.065 χ^2/NDF : 8.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.054+/-0.041 χ^2/NDF : 18.7/9

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.448+/-0.046 χ^2/NDF : 584611.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.029+/-0.038 χ^2/NDF : 405432.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

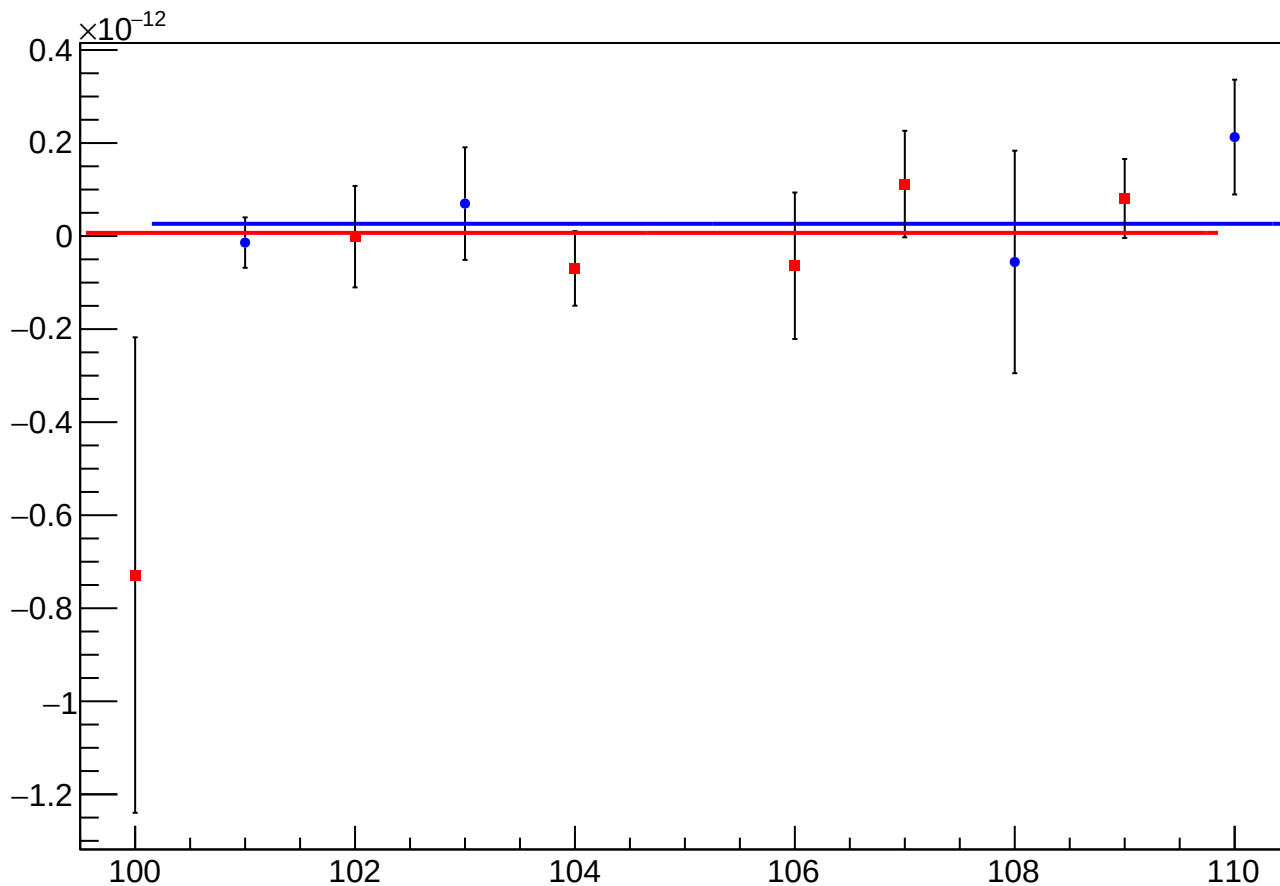
Right: 77.054+/-0.029 χ^2/NDF : 1005667.7/9

In: 81.448+/-0.046 χ^2/NDF : 584611.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.054+/-0.029 χ^2/NDF : 1005667.7/9

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

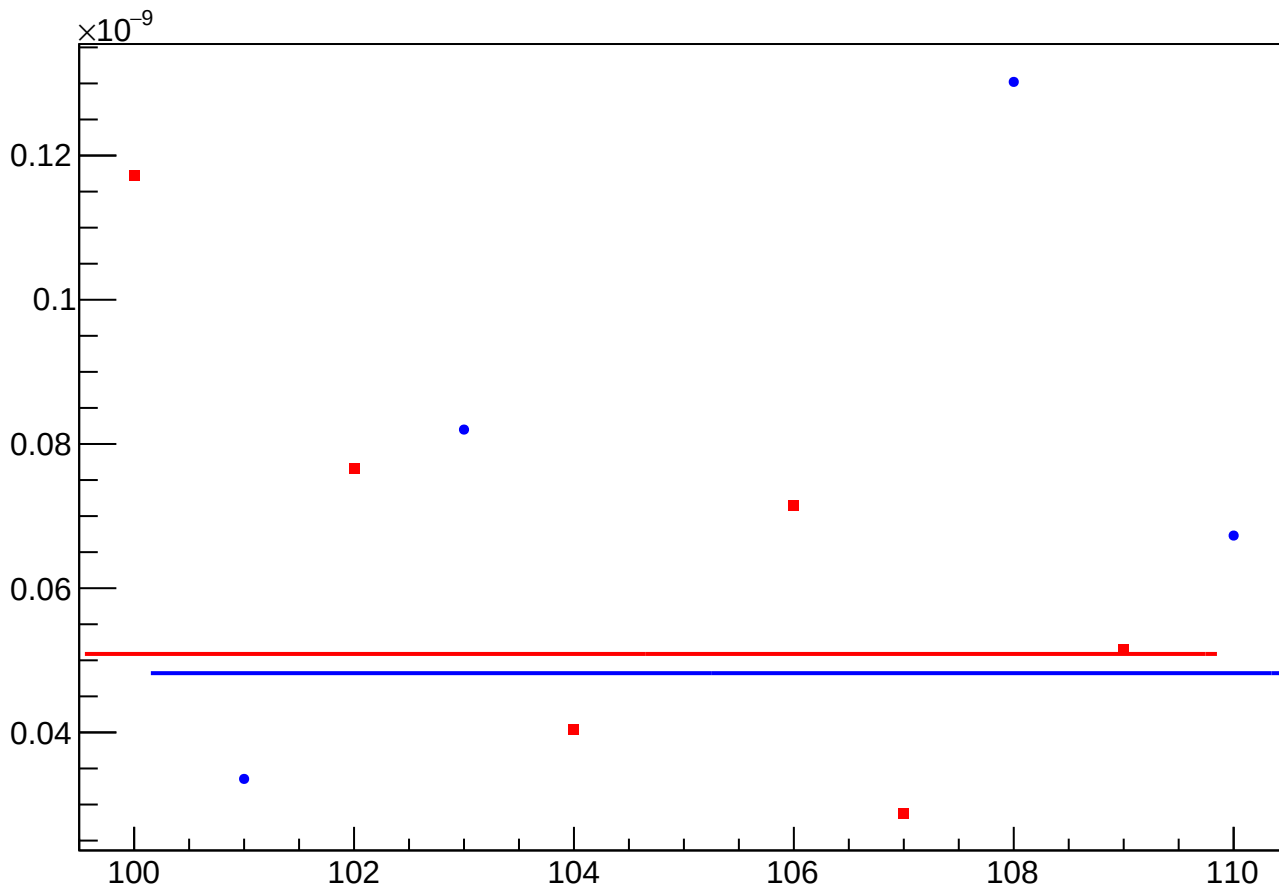
Right: 0.000+/-0.000 χ^2/NDF : 8.0/9

In: 0.000+/-0.000 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/9

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 585463.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 287615.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

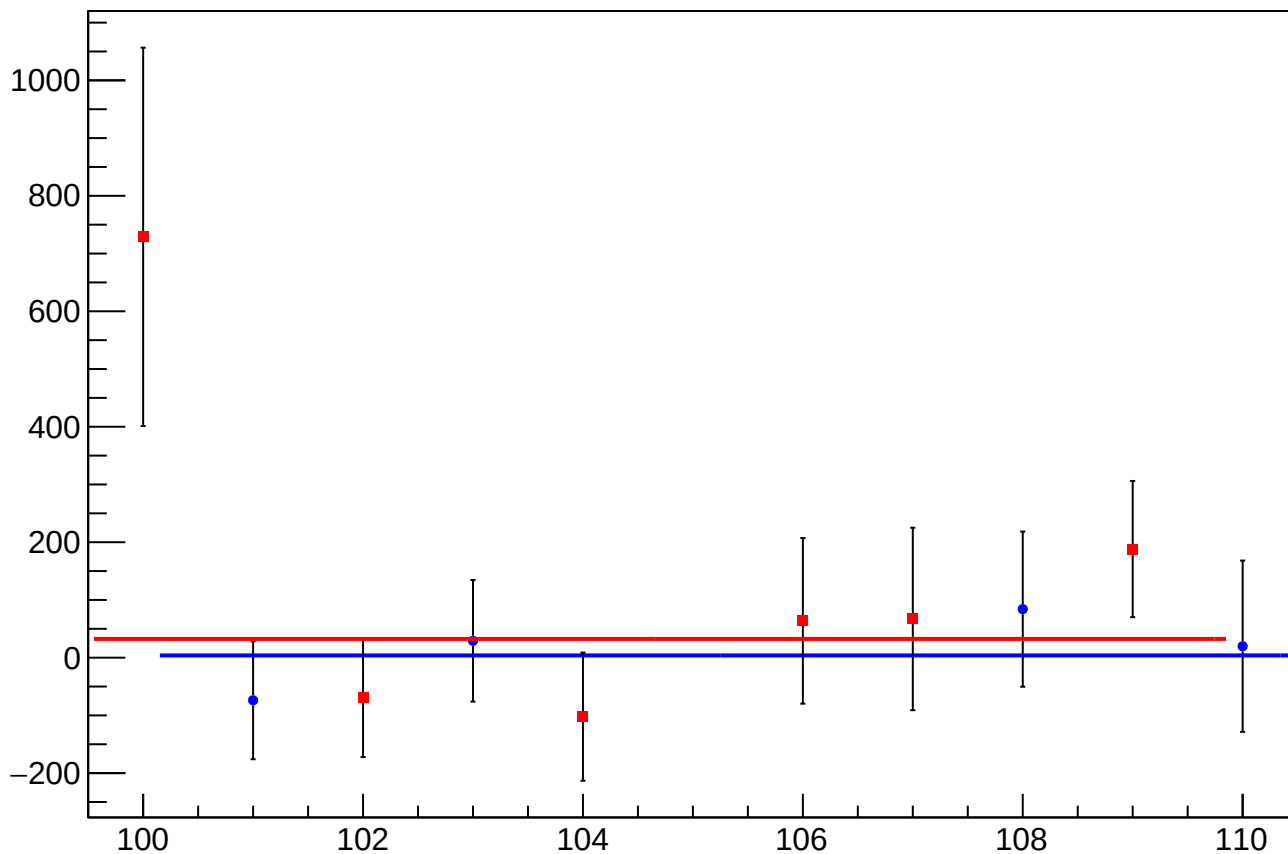
Right: 0.000+/-0.000 χ^2/NDF : 876599.6/9

In: 0.000+/-0.000 χ^2/NDF : 585463.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 876599.6/9

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: 3.896+/-59.042 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.510+/-53.809 χ^2/NDF : 8.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

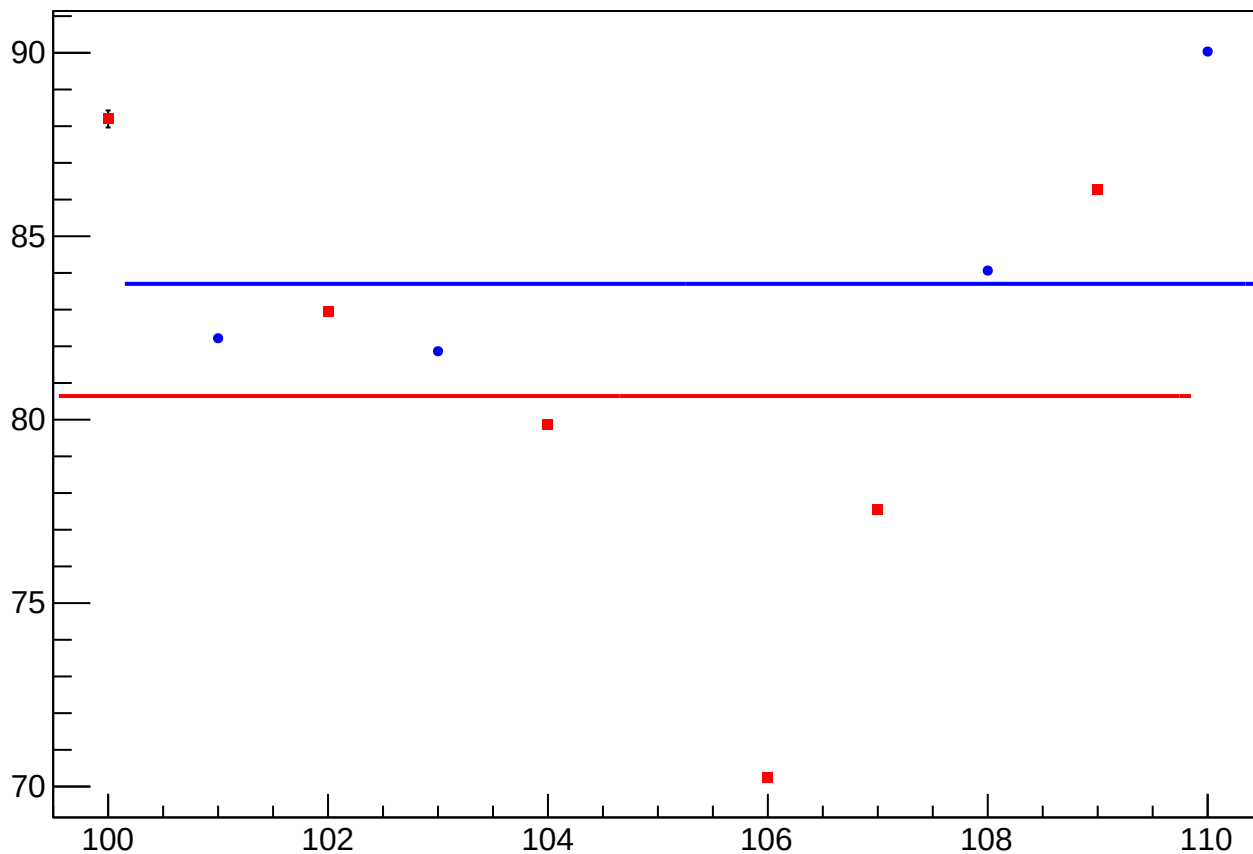
Right: 19.527+/-39.770 χ^2/NDF : 9.9/9

In: 3.896+/-59.042 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.527+/-39.770 χ^2/NDF : 9.9/9

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 83.703+/-0.042 χ^2/NDF : 4688.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.645+/-0.038 χ^2/NDF : 17946.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

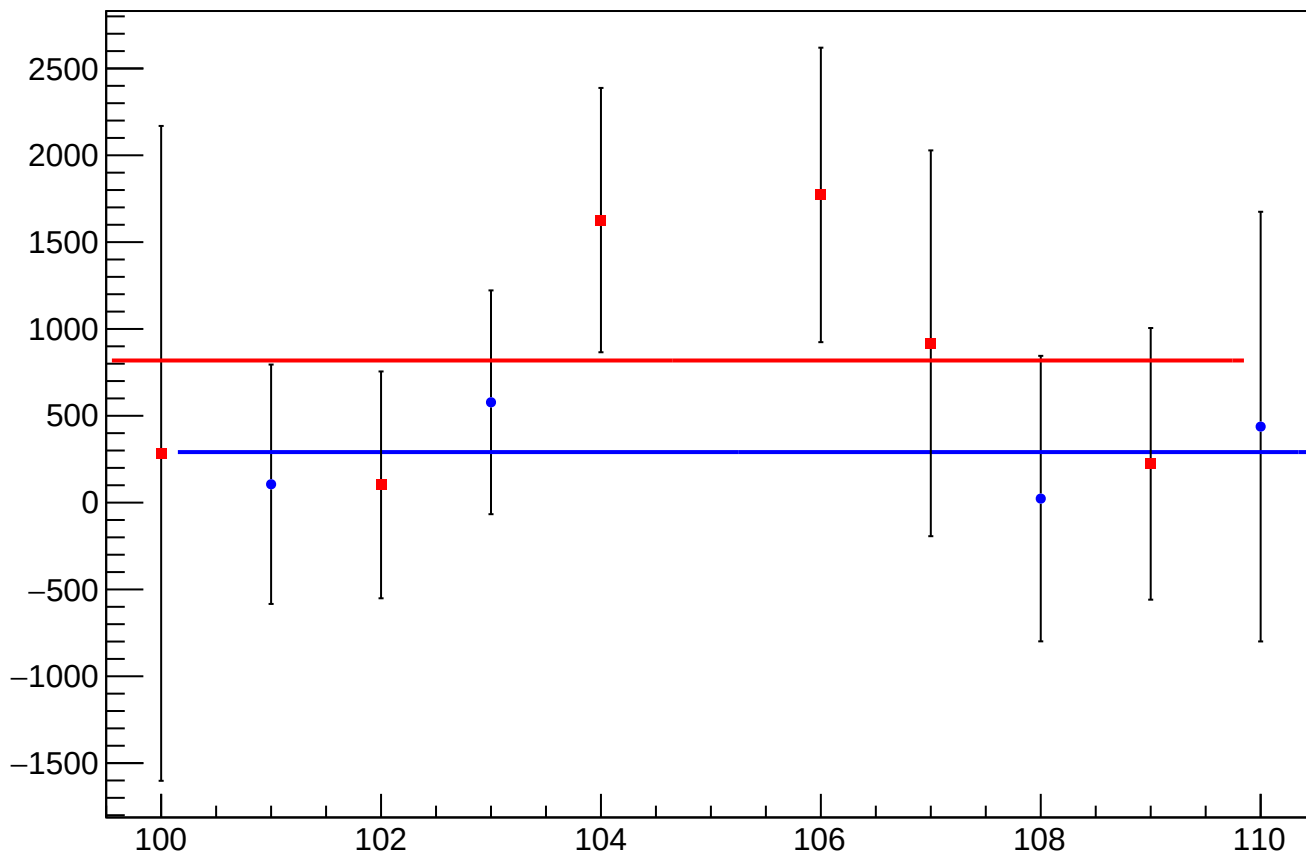
Right: 82.032+/-0.028 χ^2/NDF : 25566.5/9

In: 83.703+/-0.042 χ^2/NDF : 4688.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.032+/-0.028 χ^2/NDF : 25566.5/9

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 290.992+/-387.859 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 818.413+/-349.467 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

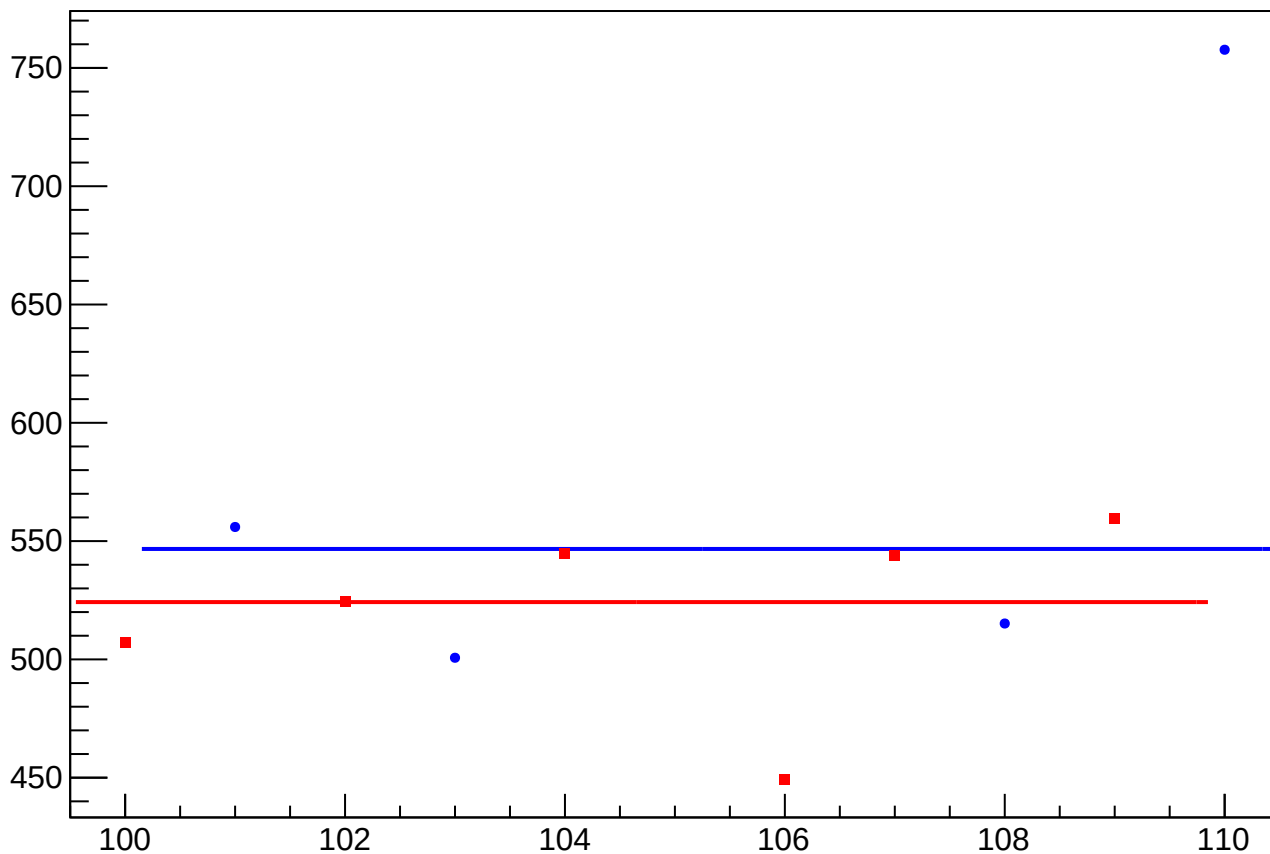
Right: 582.091+/-259.626 χ^2/NDF : 5.7/9

In: 290.992+/-387.859 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.091+/-259.626 χ^2/NDF : 5.7/9

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 546.681+/-0.274 χ^2/NDF : 71676.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 524.223+/-0.247 χ^2/NDF : 21871.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

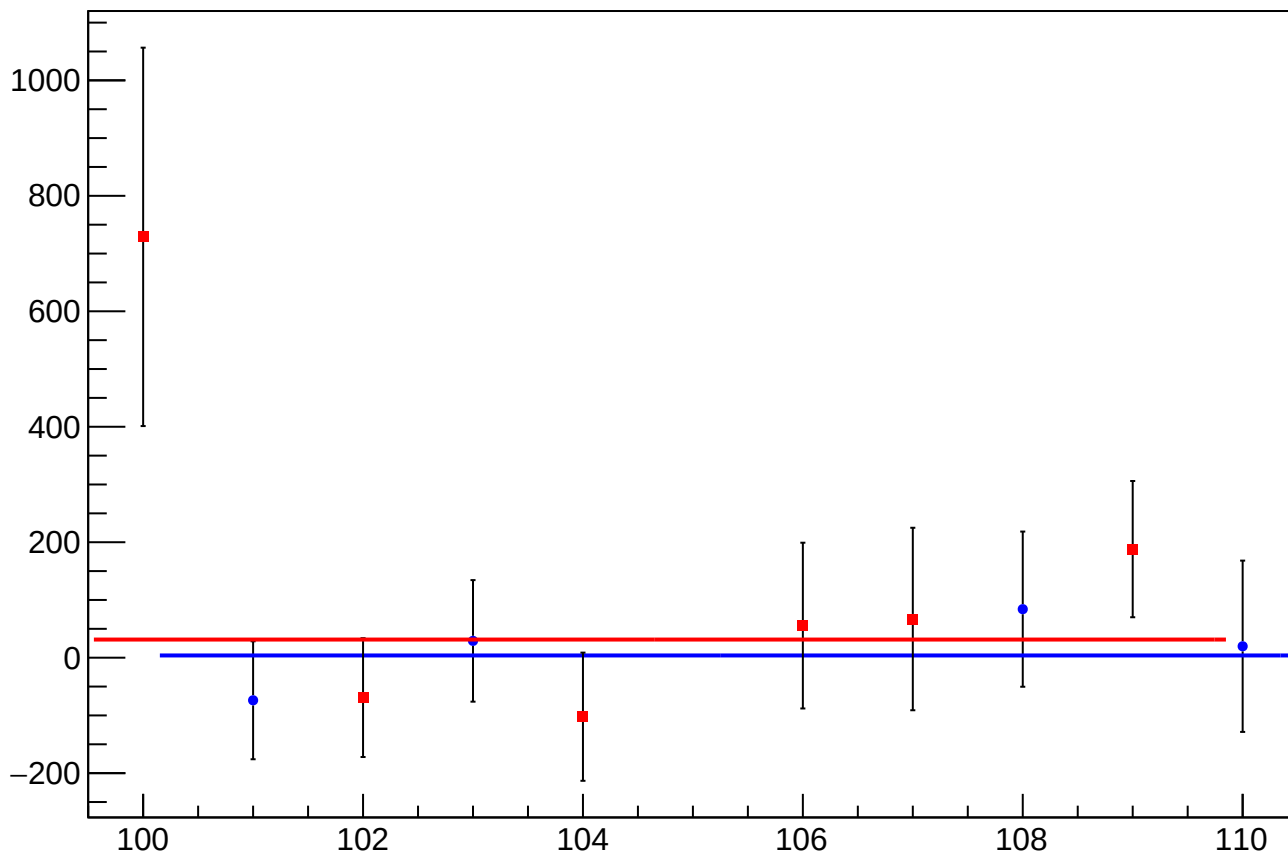
Right: 534.286+/-0.184 χ^2/NDF : 97249.9/9

In: 546.681+/-0.274 χ^2/NDF : 71676.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.286+/-0.184 χ^2/NDF : 97249.9/9

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: 3.868+/-59.042 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.415+/-53.817 χ^2/NDF : 8.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

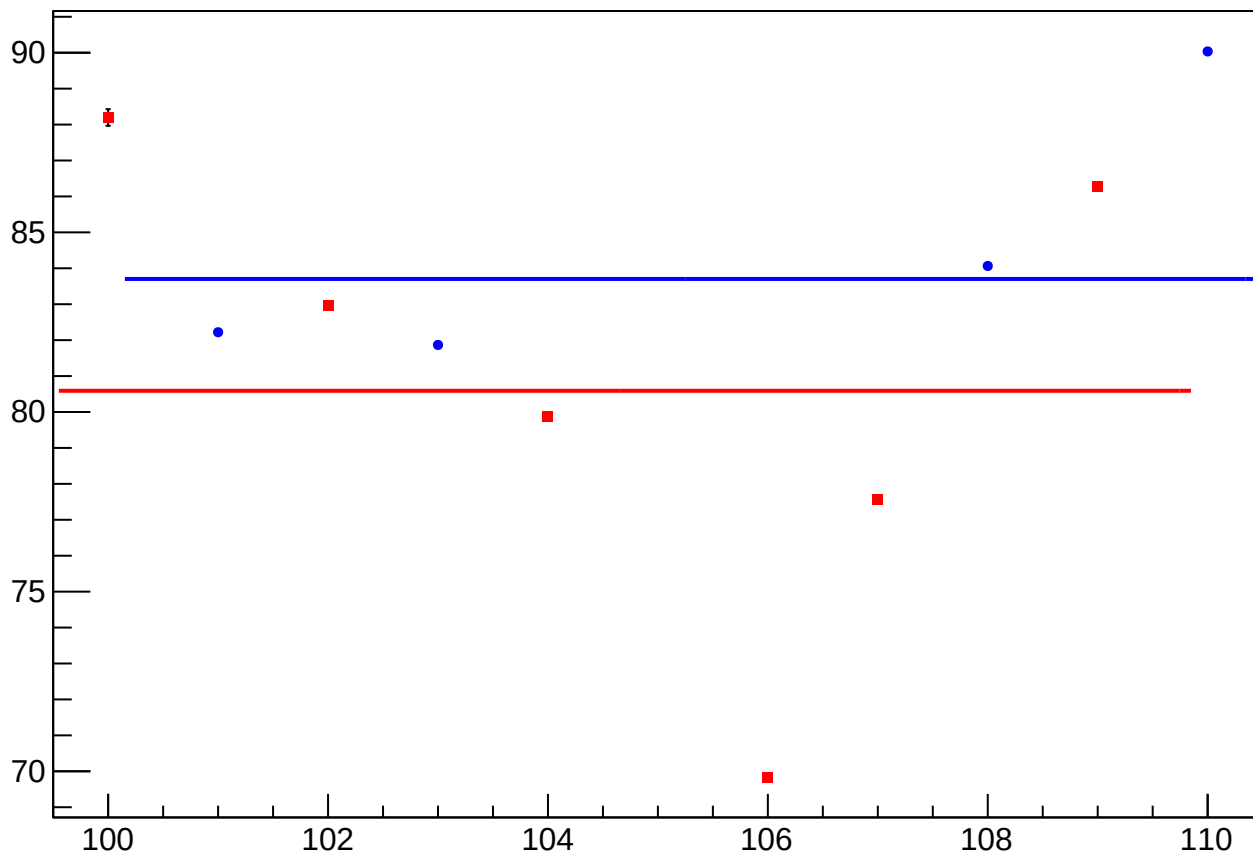
Right: 18.914+/-39.773 χ^2/NDF : 9.9/9

In: 3.868+/-59.042 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.914+/-39.773 χ^2/NDF : 9.9/9

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 83.703+/-0.042 χ^2/NDF : 4688.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.591+/-0.038 χ^2/NDF : 18808.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

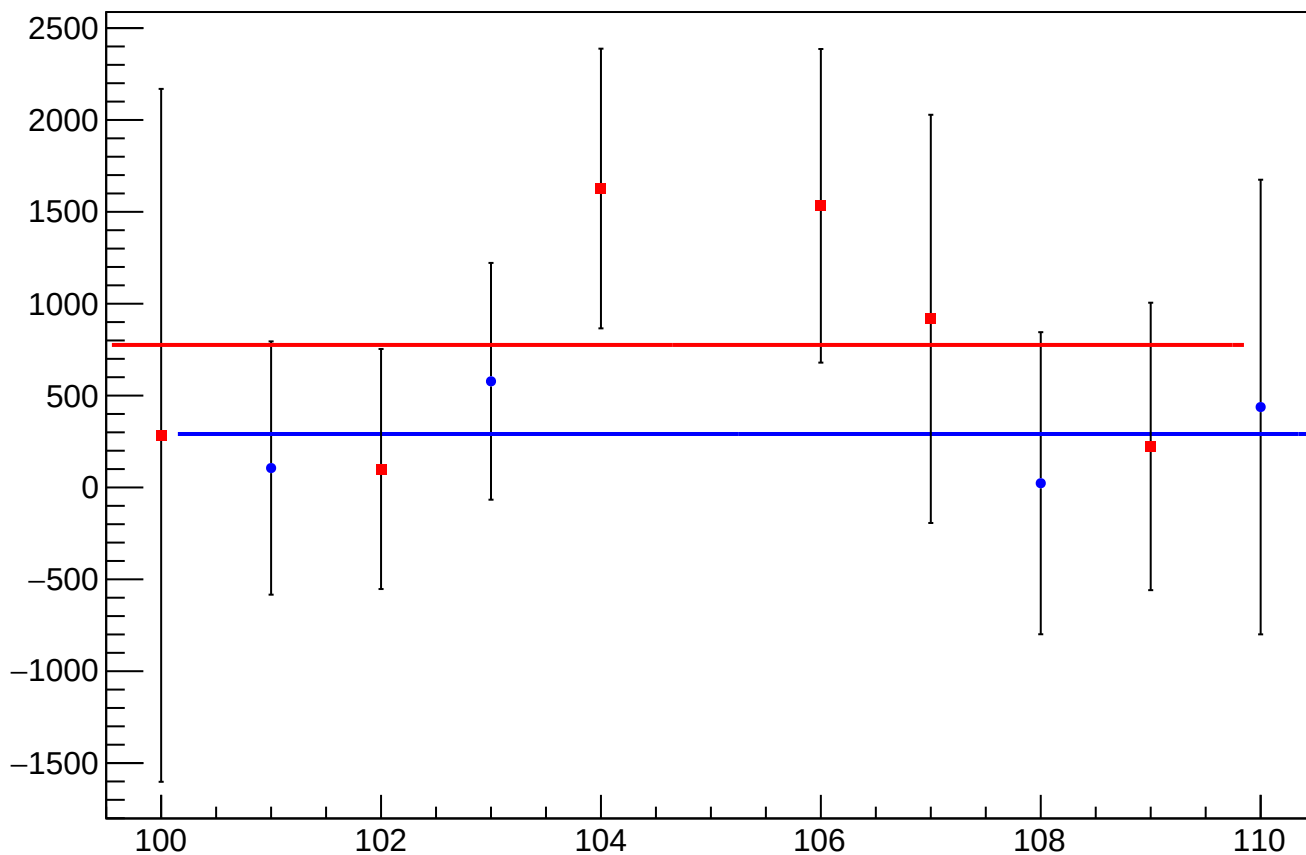
Right: 82.003+/-0.028 χ^2/NDF : 26531.5/9

In: 83.703+/-0.042 χ^2/NDF : 4688.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.003+/-0.028 χ^2/NDF : 26531.5/9

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 290.987 $\pm$ 387.859 χ^2 /NDF: 0.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 775.648 $\pm$ 349.855 χ^2 /NDF: 3.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

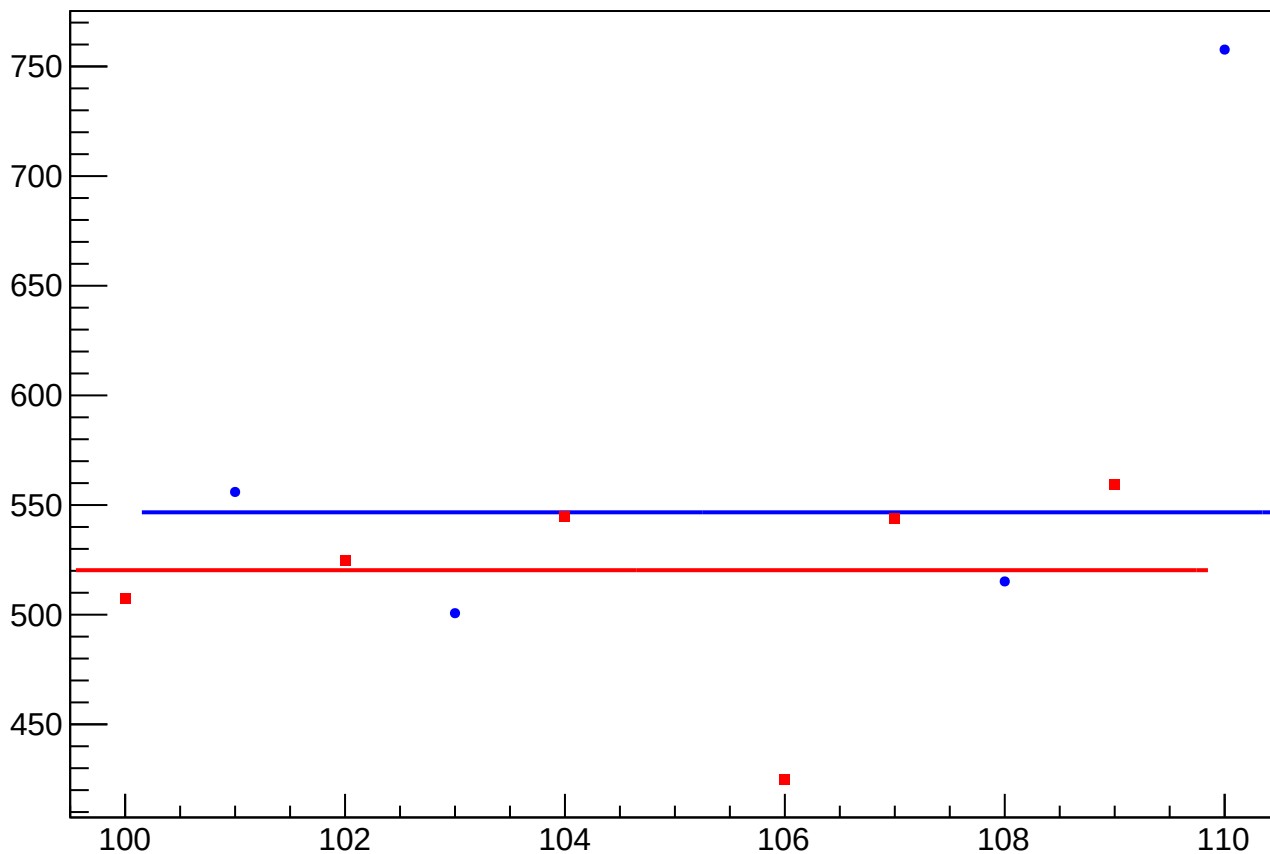
Right: 558.219 $\pm$ 259.785 χ^2 /NDF: 4.9/9

In: 290.987 $\pm$ 387.859 χ^2 /NDF:0.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 558.219 $\pm$ 259.785 χ^2 /NDF: 4.9/9

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.681 $\pm$ 0.274 χ^2 /NDF: 71678.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 520.290 $\pm$ 0.247 χ^2 /NDF: 33111.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

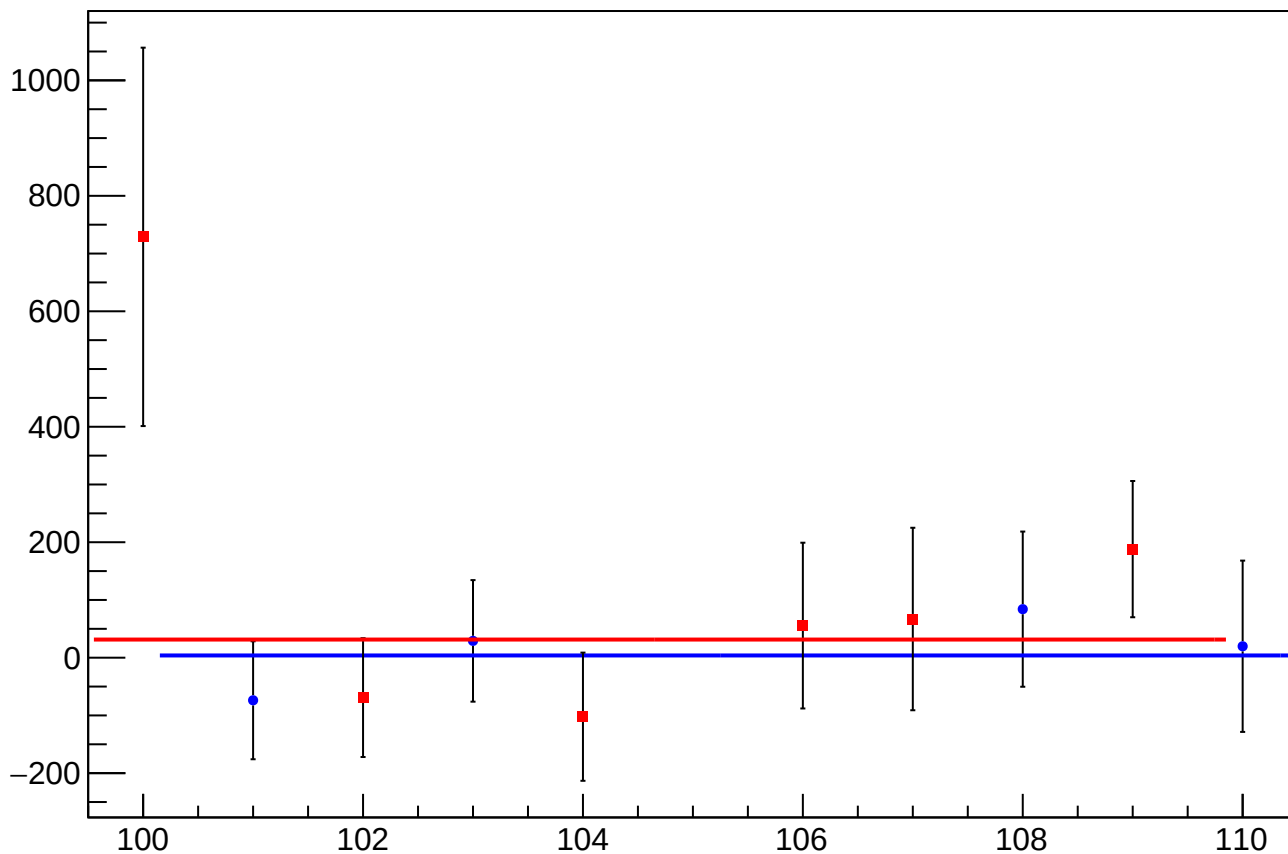
Right: 532.129 $\pm$ 0.184 χ^2 /NDF: 109895.1/9

In: 546.681 $\pm$ 0.274 χ^2 /NDF:71678.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 532.129 $\pm$ 0.184 χ^2 /NDF: 109895.1/9

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: 3.868+/-59.042 χ^2 /NDF: 1.0/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 31.415+/-53.817 χ^2 /NDF: 8.8/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

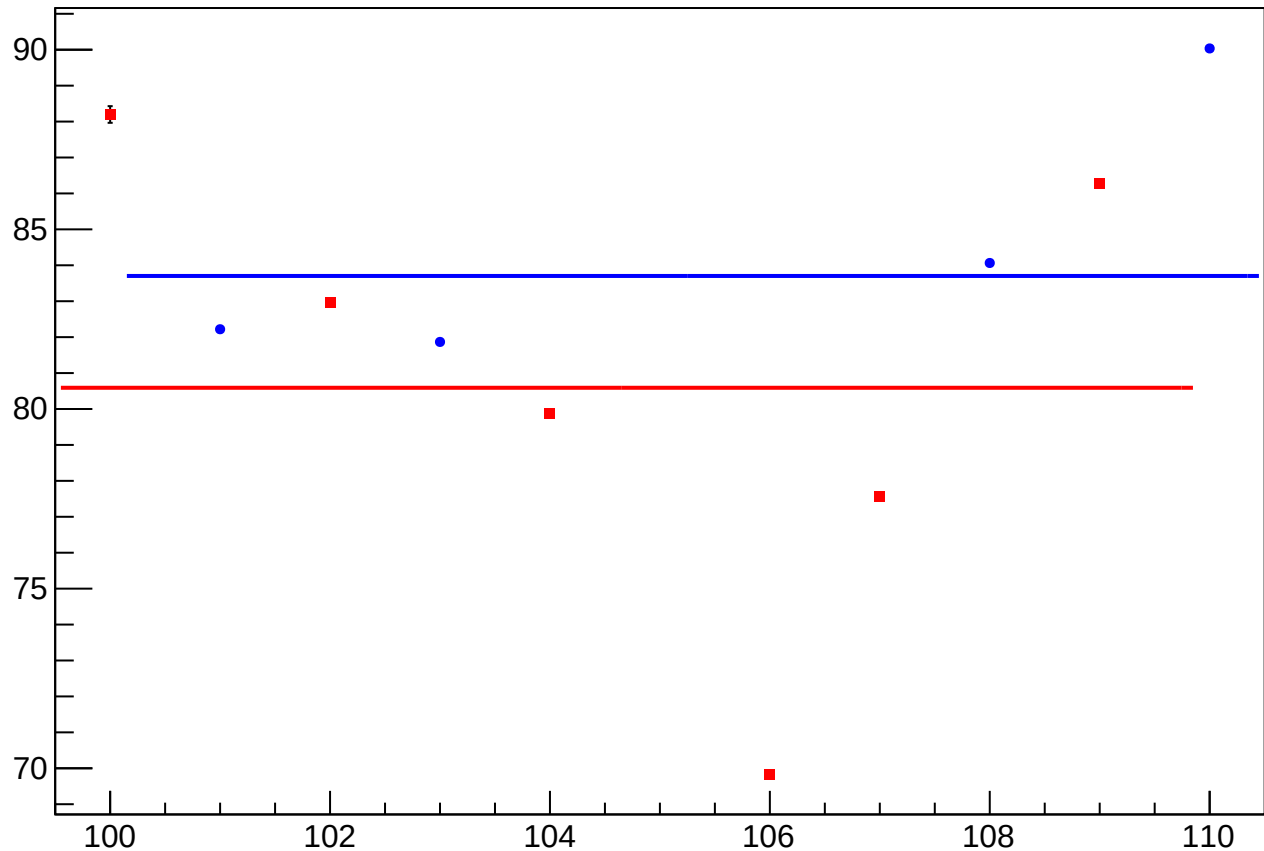
Right: 18.914+/-39.773 χ^2 /NDF: 9.9/9

In: 3.868+/-59.042 χ^2 /NDF:1.0/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 18.914+/-39.773 χ^2 /NDF: 9.9/9

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 83.703+/-0.042 χ^2/NDF : 4688.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.591+/-0.038 χ^2/NDF : 18808.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

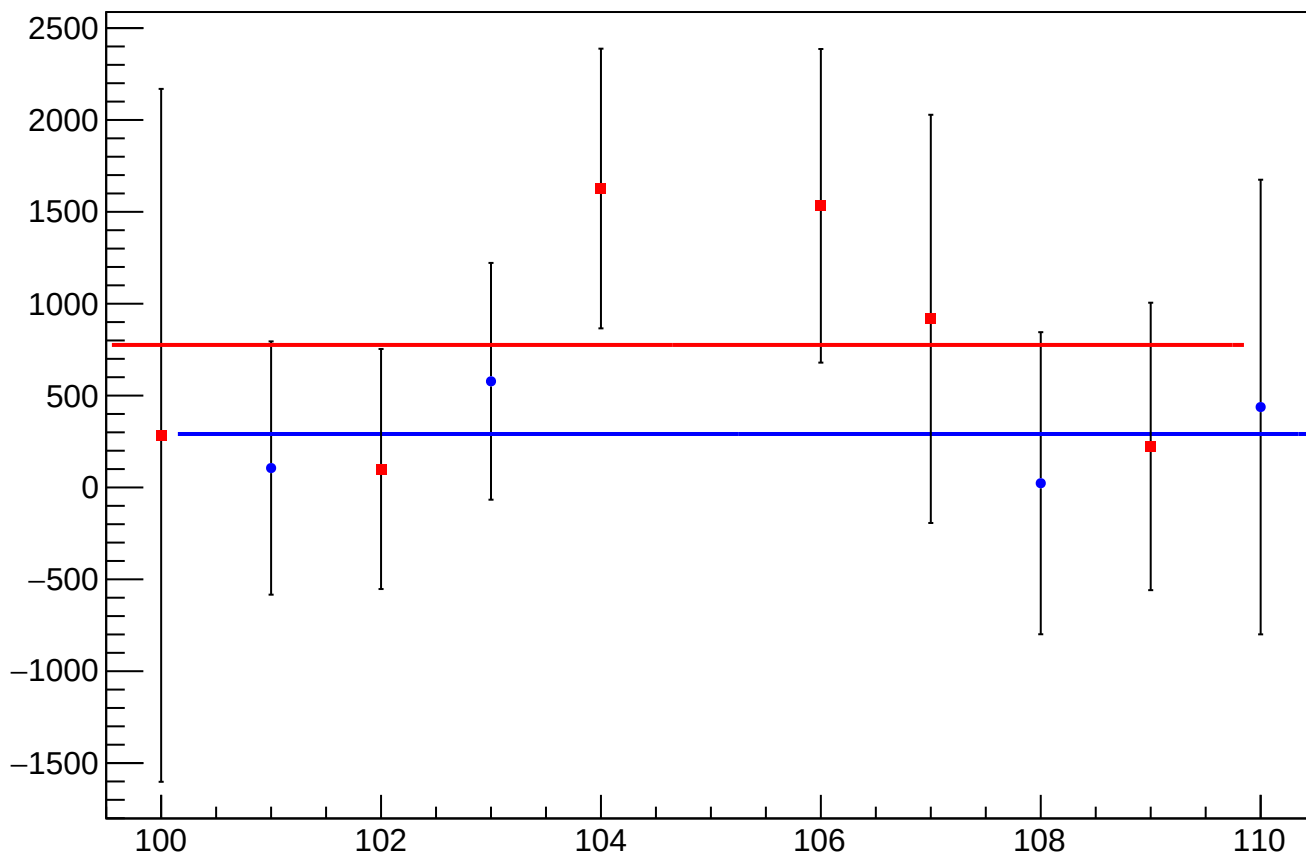
Right: 82.003+/-0.028 χ^2/NDF : 26531.5/9

In: 83.703+/-0.042 χ^2/NDF : 4688.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.003+/-0.028 χ^2/NDF : 26531.5/9

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 290.987+/-387.859 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 775.648+/-349.855 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

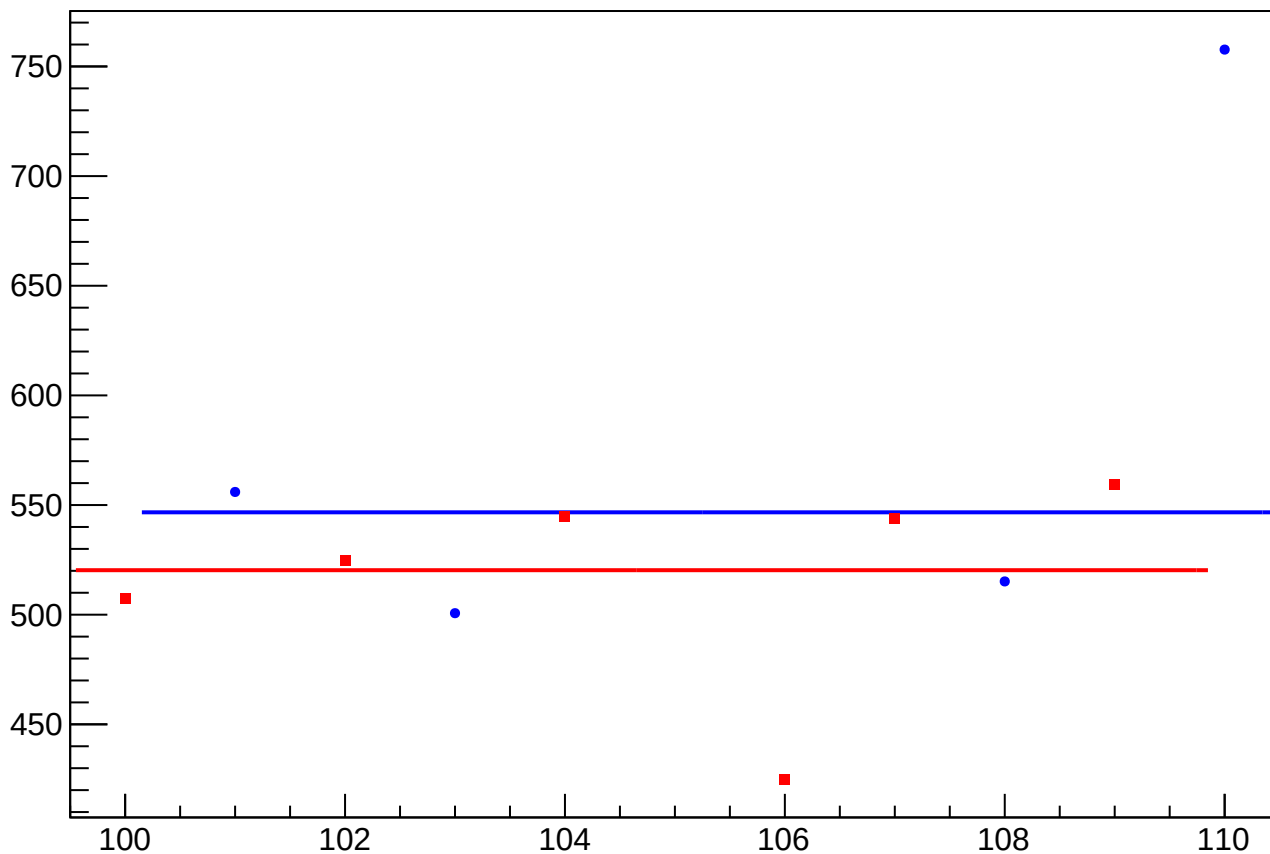
Right: 558.219+/-259.785 χ^2/NDF : 4.9/9

In: 290.987+/-387.859 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.219+/-259.785 χ^2/NDF : 4.9/9

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.681+/-0.274 χ^2/NDF : 71678.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.290+/-0.247 χ^2/NDF : 33111.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

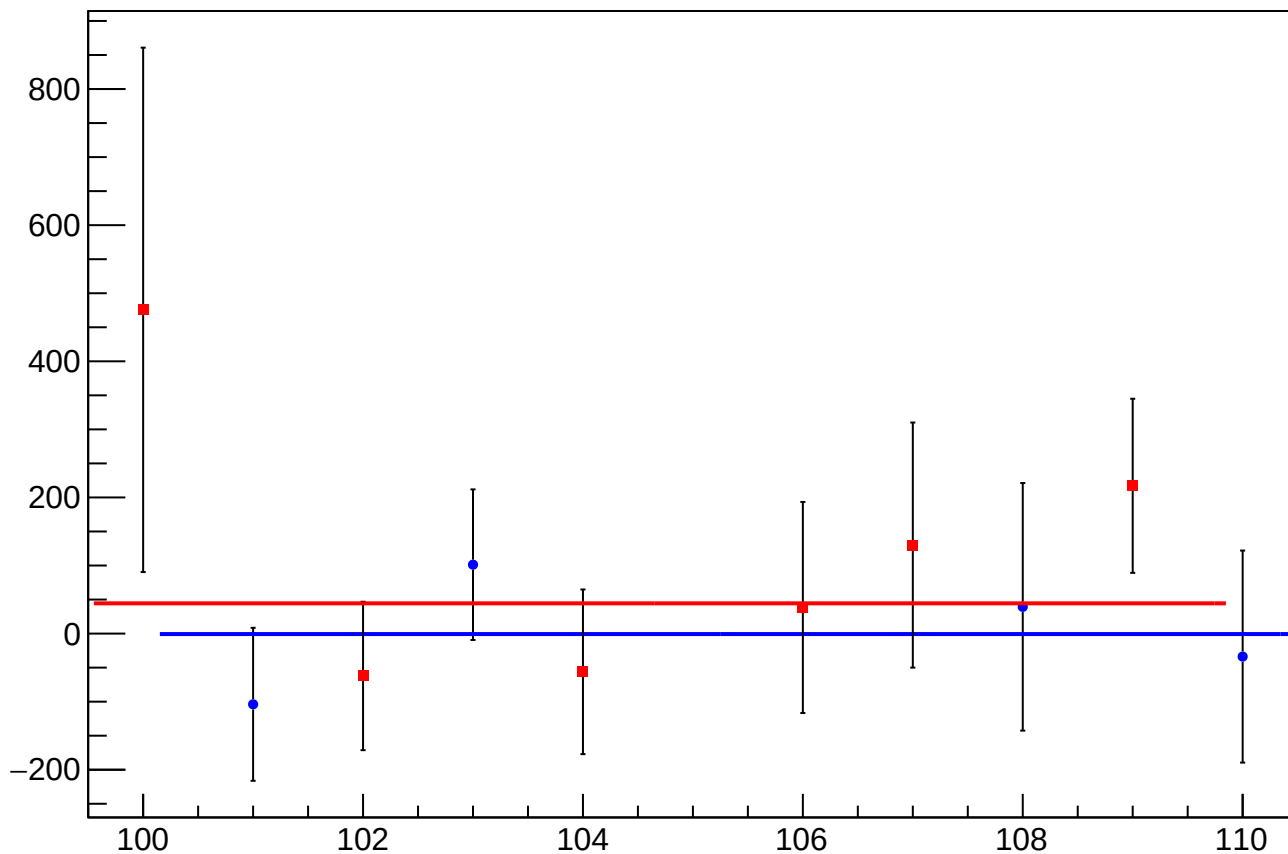
Right: 532.129+/-0.184 χ^2/NDF : 109895.1/9

In: 546.681+/-0.274 χ^2/NDF : 71678.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.129+/-0.184 χ^2/NDF : 109895.1/9

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -0.687+/-65.603 χ^2/NDF : 1.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.444+/-58.435 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

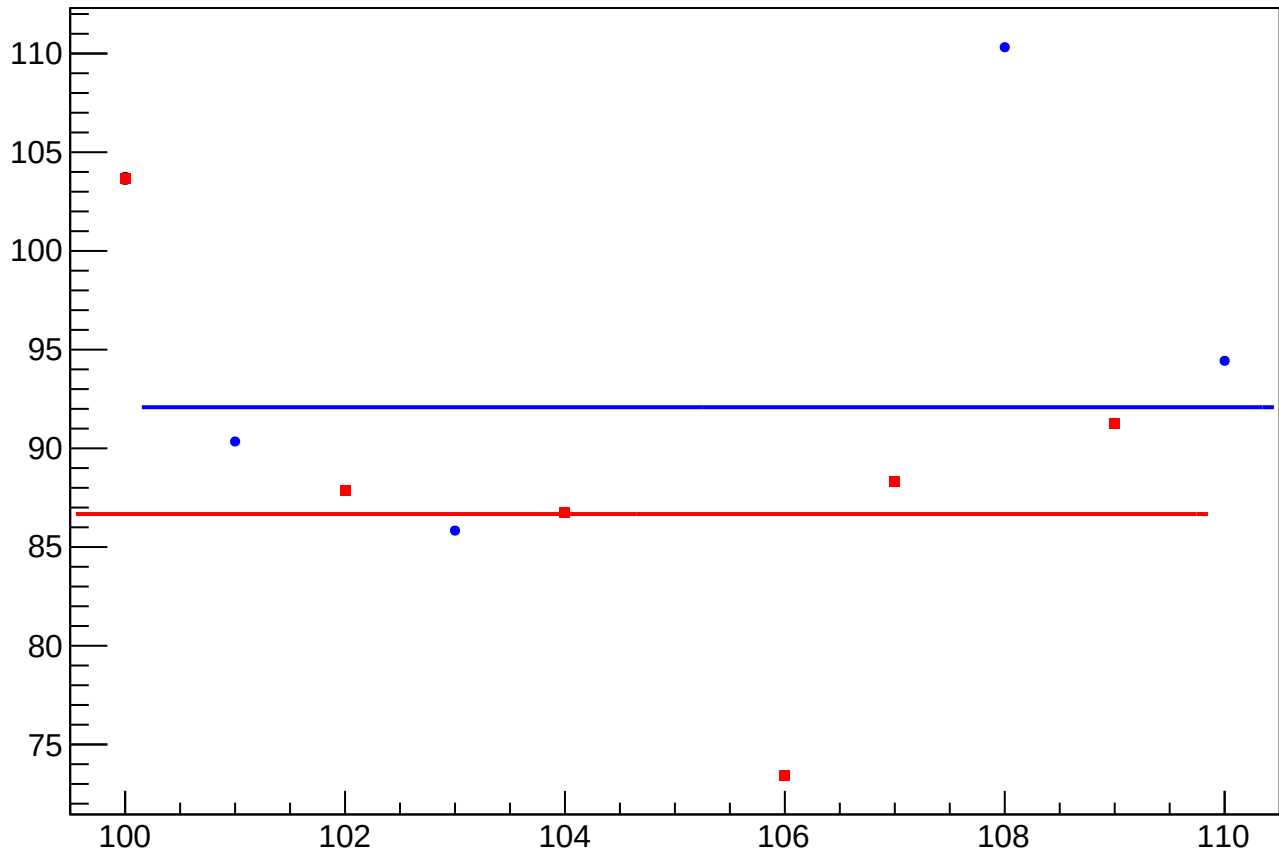
Right: 24.478+/-43.635 χ^2/NDF : 7.0/9

In: -0.687+/-65.603 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.478+/-43.635 χ^2/NDF : 7.0/9

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 92.084+/-0.046 χ^2/NDF : 27426.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.673+/-0.041 χ^2/NDF : 21473.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

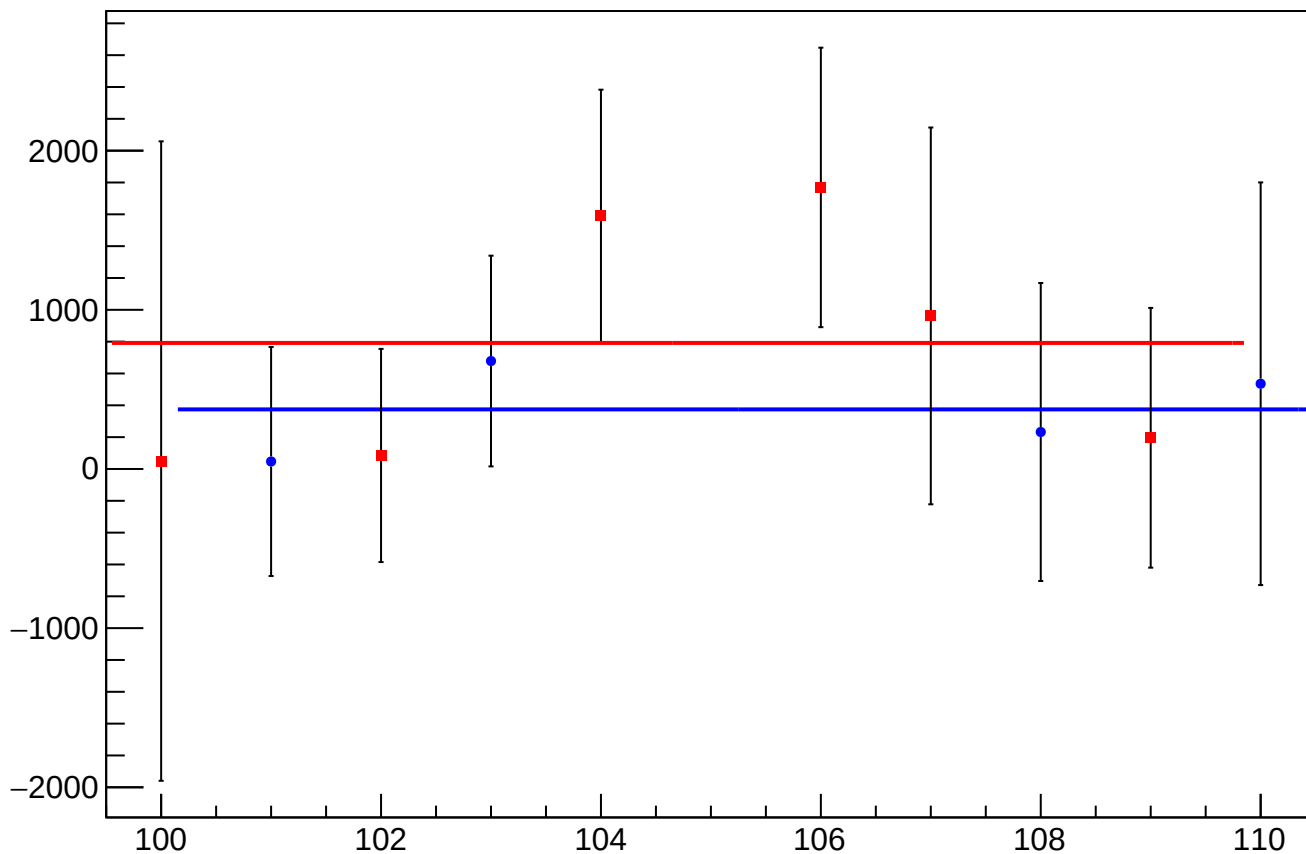
Right: 89.067+/-0.031 χ^2/NDF : 56487.3/9

In: 92.084+/-0.046 χ^2/NDF : 27426.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.067+/-0.031 χ^2/NDF : 56487.3/9

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 374.340 $\pm$ 408.950 χ^2 /NDF: 0.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 792.037 $\pm$ 363.221 χ^2 /NDF: 4.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

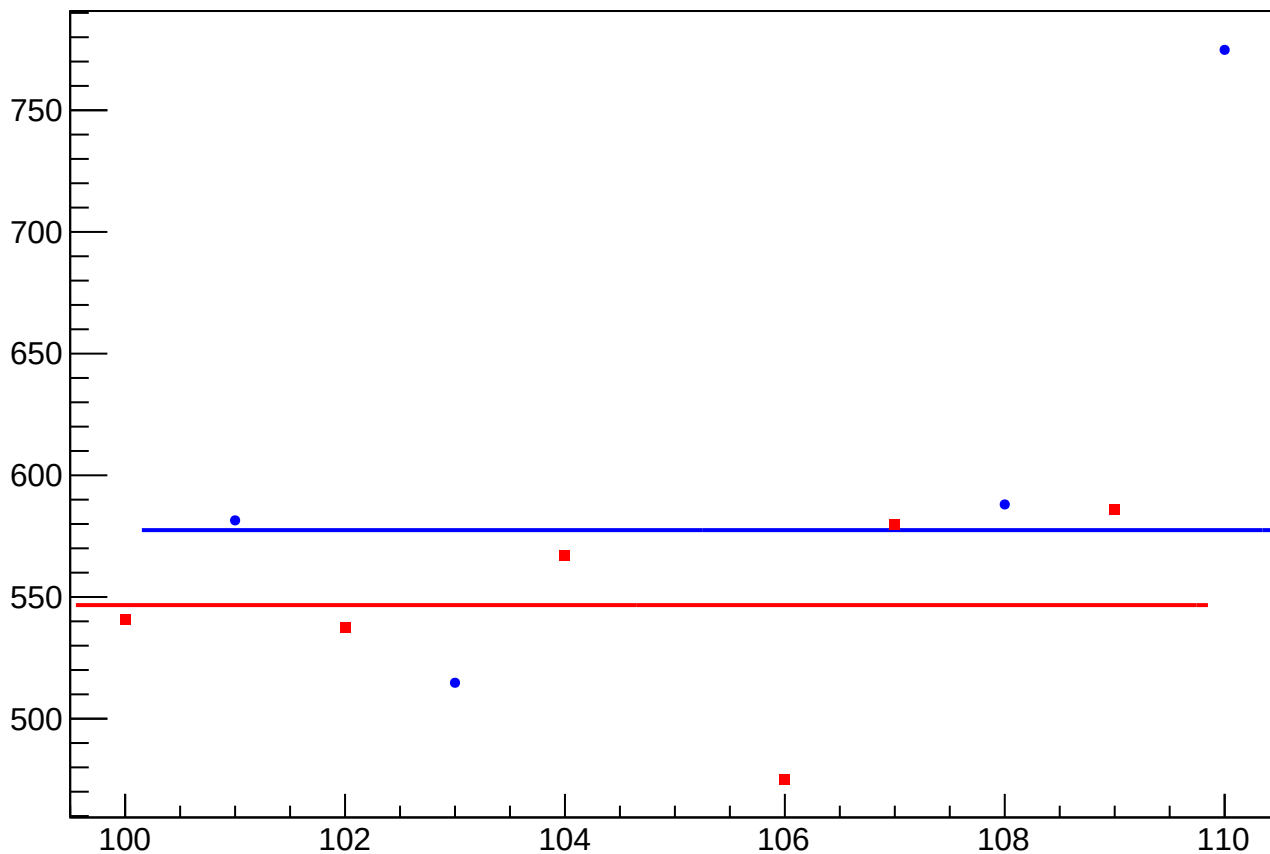
Right: 607.839 $\pm$ 271.570 χ^2 /NDF: 5.1/9

In: 374.340 $\pm$ 408.950 χ^2 /NDF:0.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 607.839 $\pm$ 271.570 χ^2 /NDF: 5.1/9

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 577.477+/-0.289 χ^2/NDF : 66938.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.673+/-0.257 χ^2/NDF : 21147.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

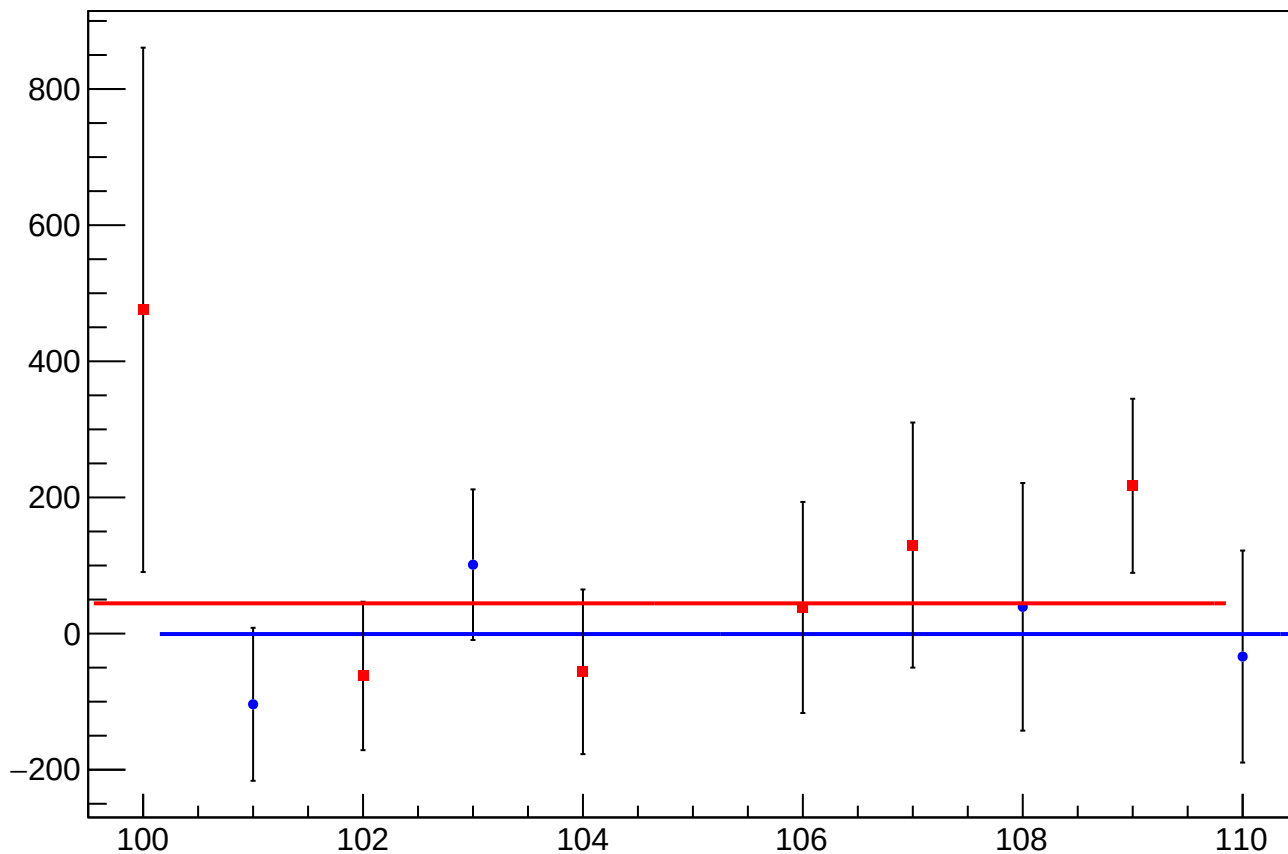
Right: 560.257+/-0.192 χ^2/NDF : 94429.4/9

In: 577.477+/-0.289 χ^2/NDF : 66938.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.257+/-0.192 χ^2/NDF : 94429.4/9

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -0.688+/-65.603 χ^2/NDF : 1.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.445+/-58.435 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

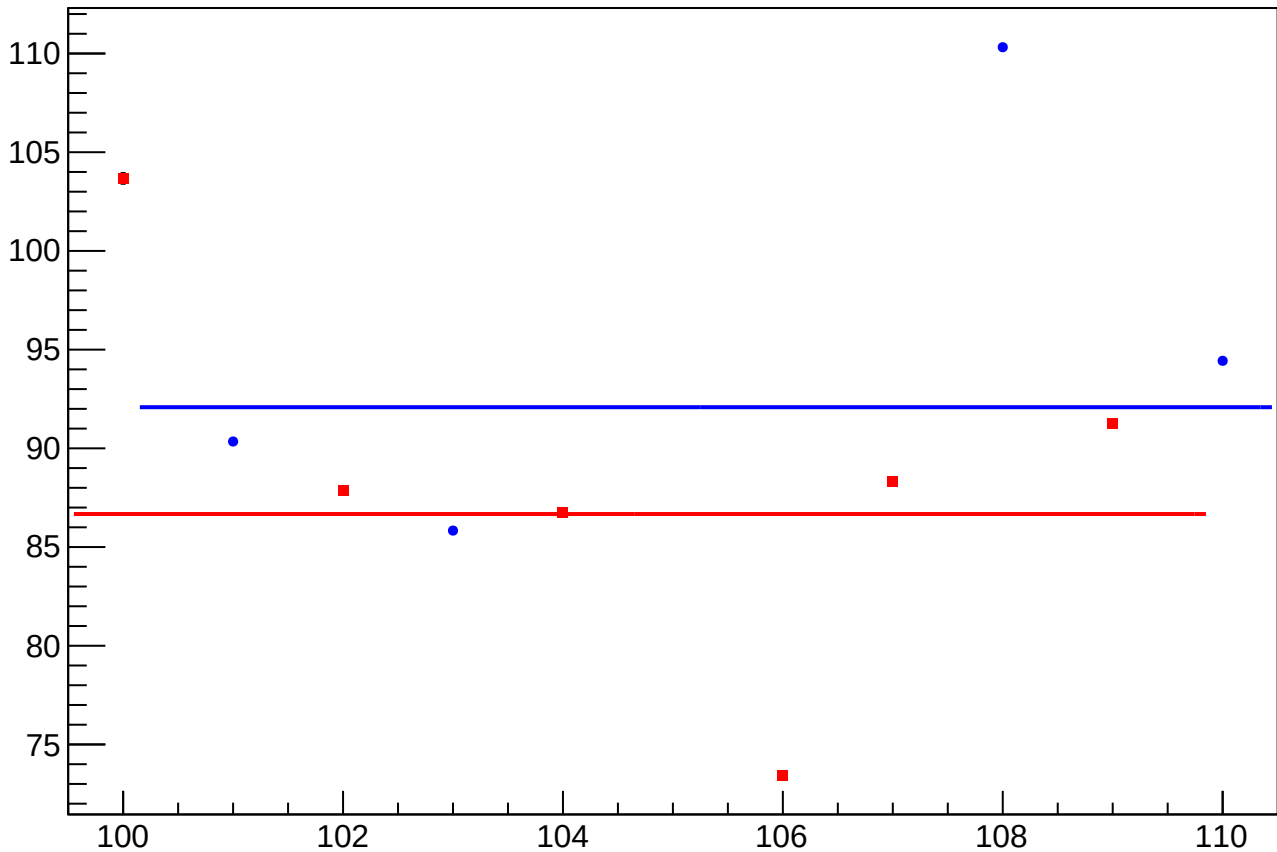
Right: 24.478+/-43.635 χ^2/NDF : 7.0/9

In: -0.688+/-65.603 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.478+/-43.635 χ^2/NDF : 7.0/9

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 92.083+/-0.046 χ^2/NDF : 27426.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.673+/-0.041 χ^2/NDF : 21473.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

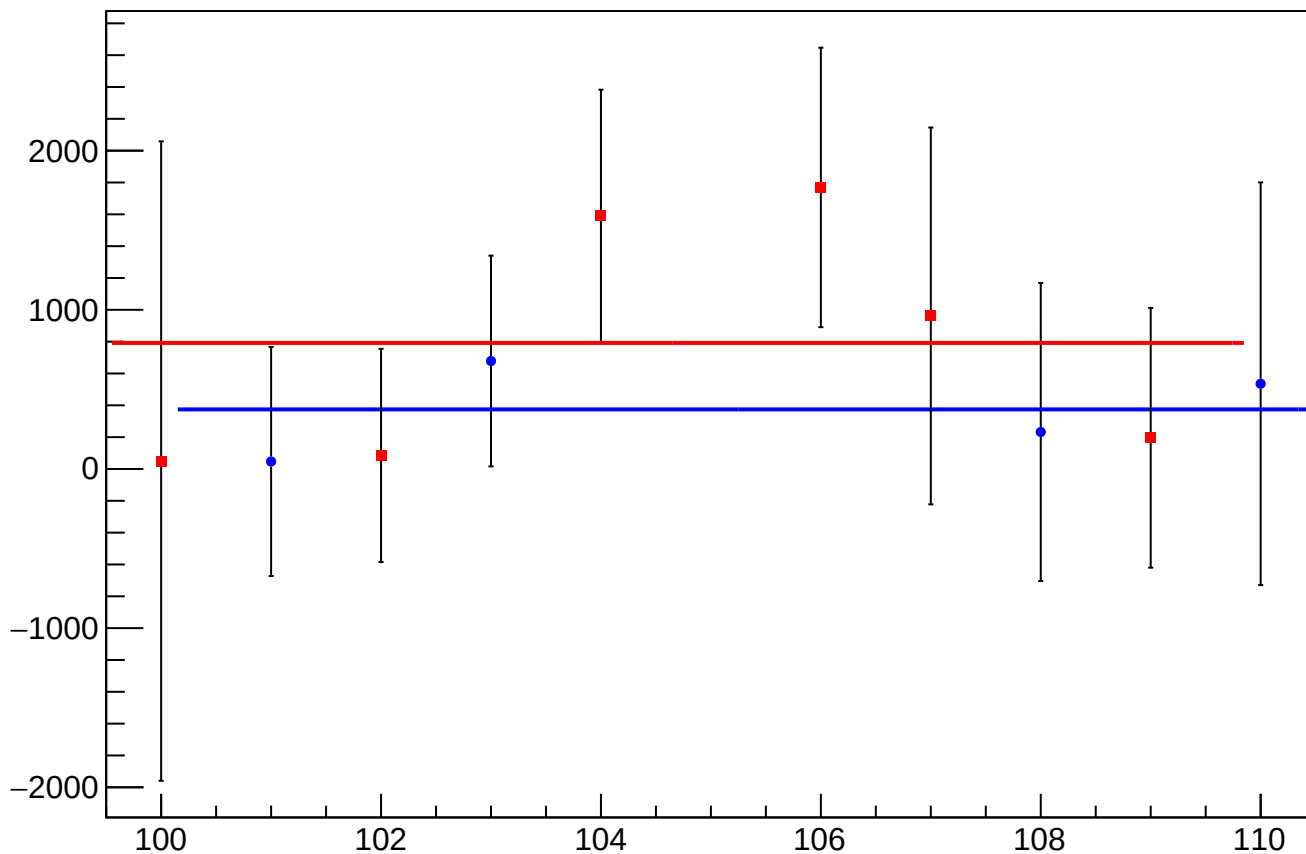
Right: 89.066+/-0.031 χ^2/NDF : 56486.8/9

In: 92.083+/-0.046 χ^2/NDF : 27426.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.066+/-0.031 χ^2/NDF : 56486.8/9

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 374.339+/-408.949 χ^2/NDF : 0.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 792.037+/-363.221 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

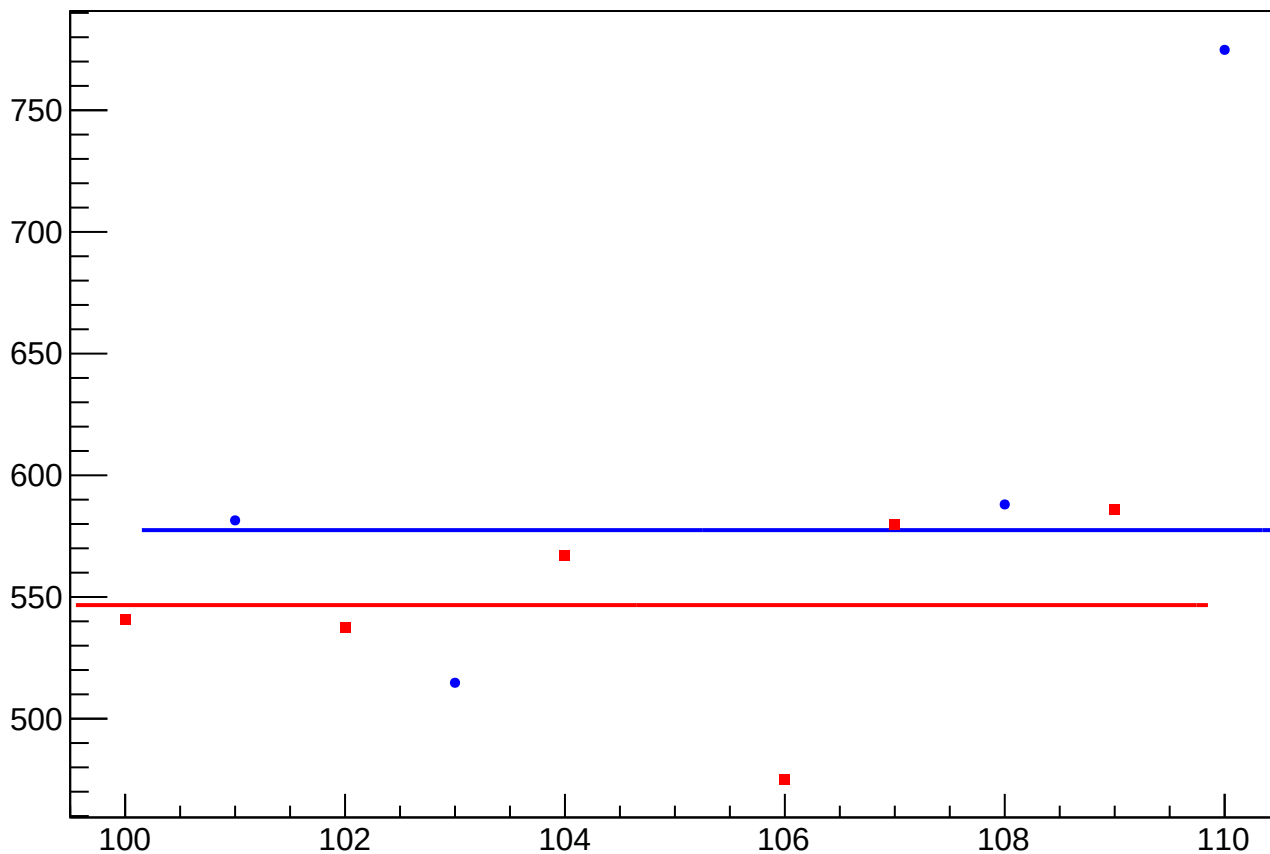
Right: 607.838+/-271.570 χ^2/NDF : 5.1/9

In: 374.339+/-408.949 χ^2/NDF : 0.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 607.838+/-271.570 χ^2/NDF : 5.1/9

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 577.476+/-0.289 χ^2/NDF : 66938.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.673+/-0.257 χ^2/NDF : 21147.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

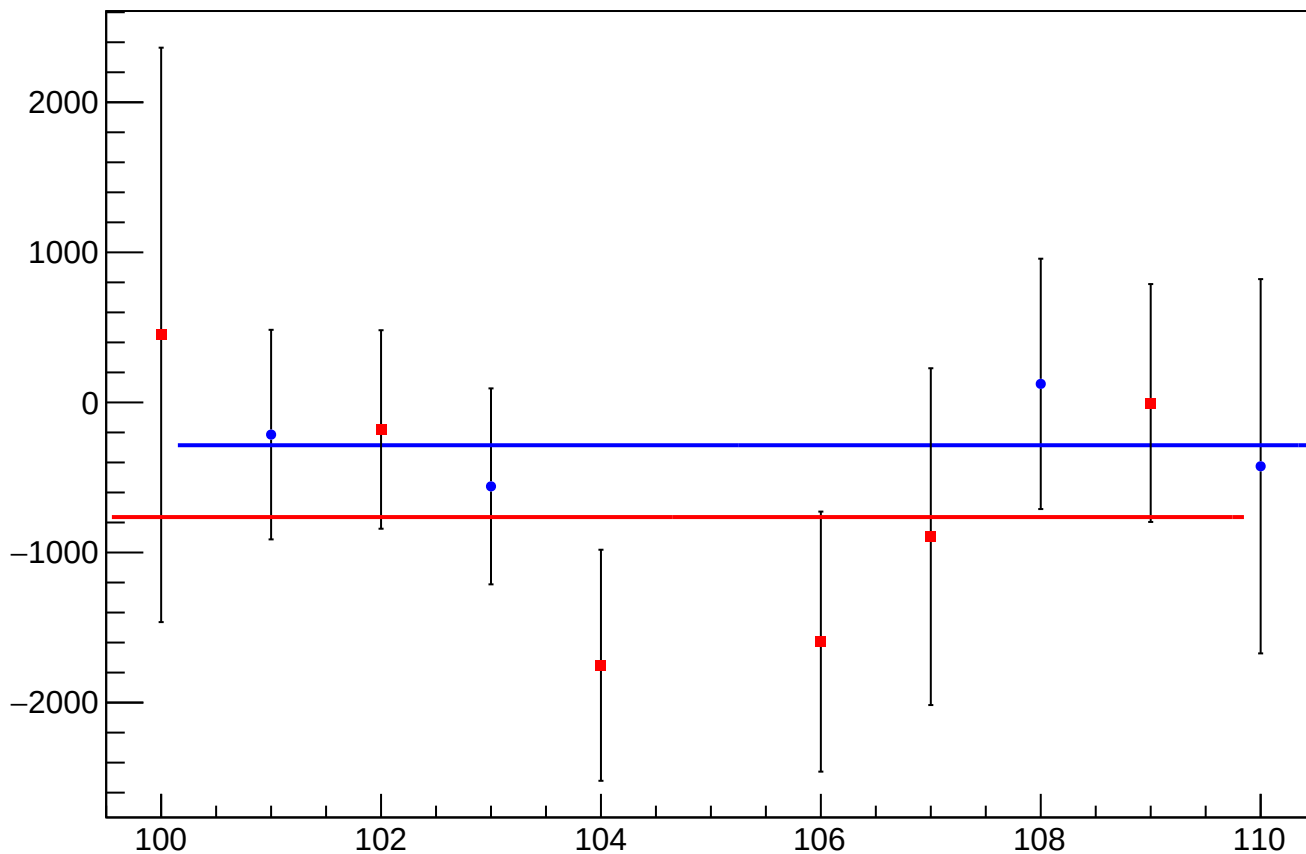
Right: 560.257+/-0.192 χ^2/NDF : 94429.2/9

In: 577.476+/-0.289 χ^2/NDF : 66938.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.257+/-0.192 χ^2/NDF : 94429.2/9

asym_sam5_mean vs Slug, Sign Corrected



Right In: -285.179+/-392.896 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -763.816+/-354.318 χ^2/NDF : 4.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

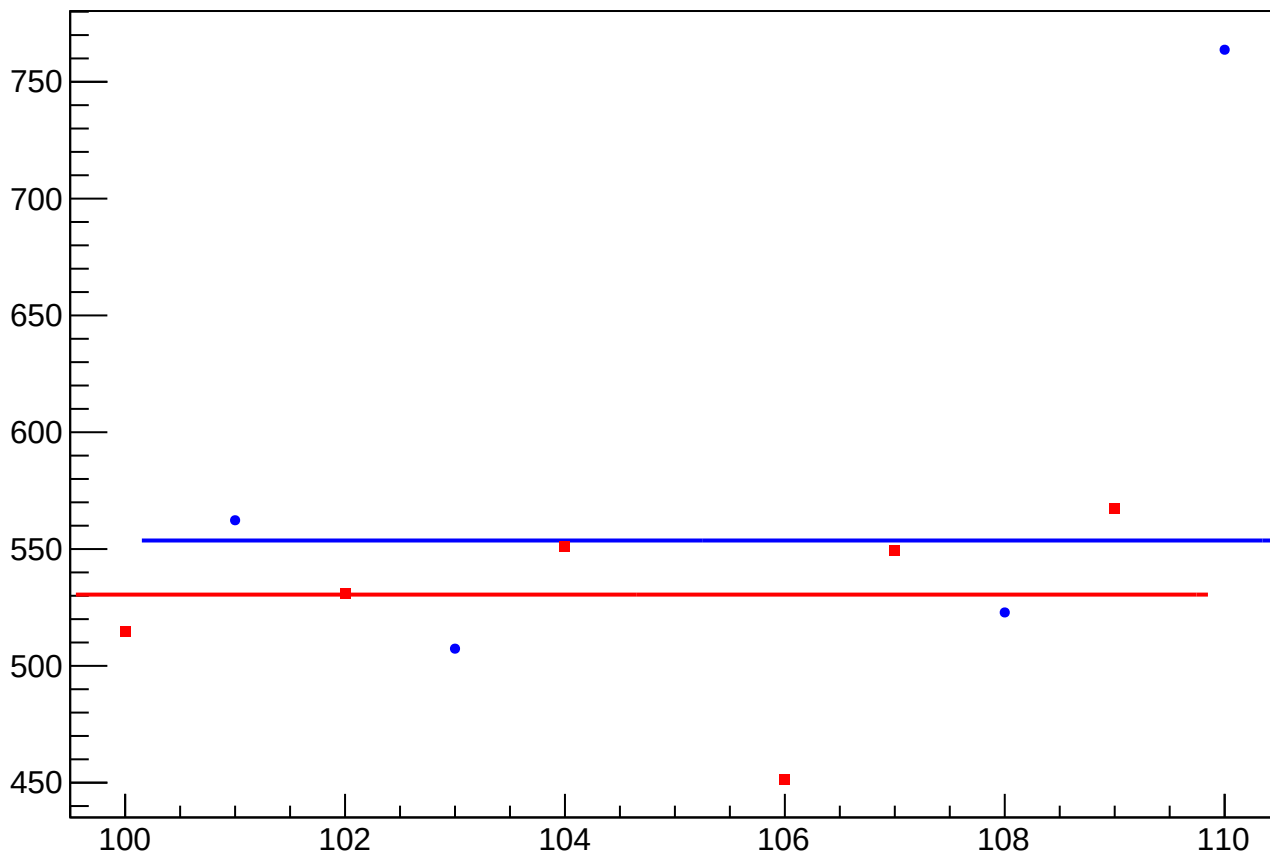
Right: -549.143+/-263.126 χ^2/NDF : 5.9/9

In: -285.179+/-392.896 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -549.143+/-263.126 χ^2/NDF : 5.9/9

asym_sam5_rms vs Slug, Sign Corrected



Right In: 553.662 $\pm$ 0.278 χ^2 /NDF: 69849.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 530.504 $\pm$ 0.251 χ^2 /NDF: 23088.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

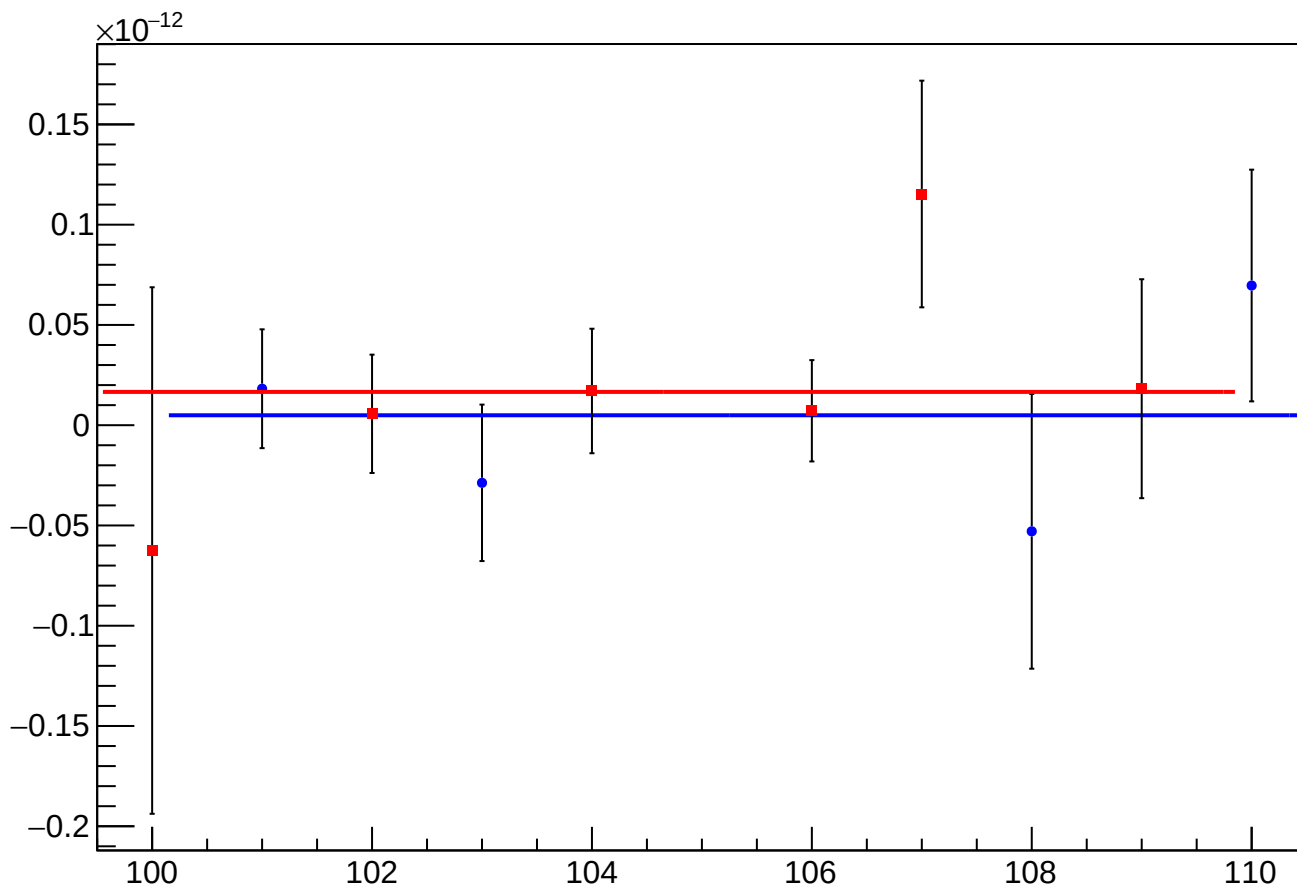
Right: 540.891 $\pm$ 0.186 χ^2 /NDF: 96769.3/9

In: 553.662 $\pm$ 0.278 χ^2 /NDF: 69849.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 540.891 $\pm$ 0.186 χ^2 /NDF: 96769.3/9

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

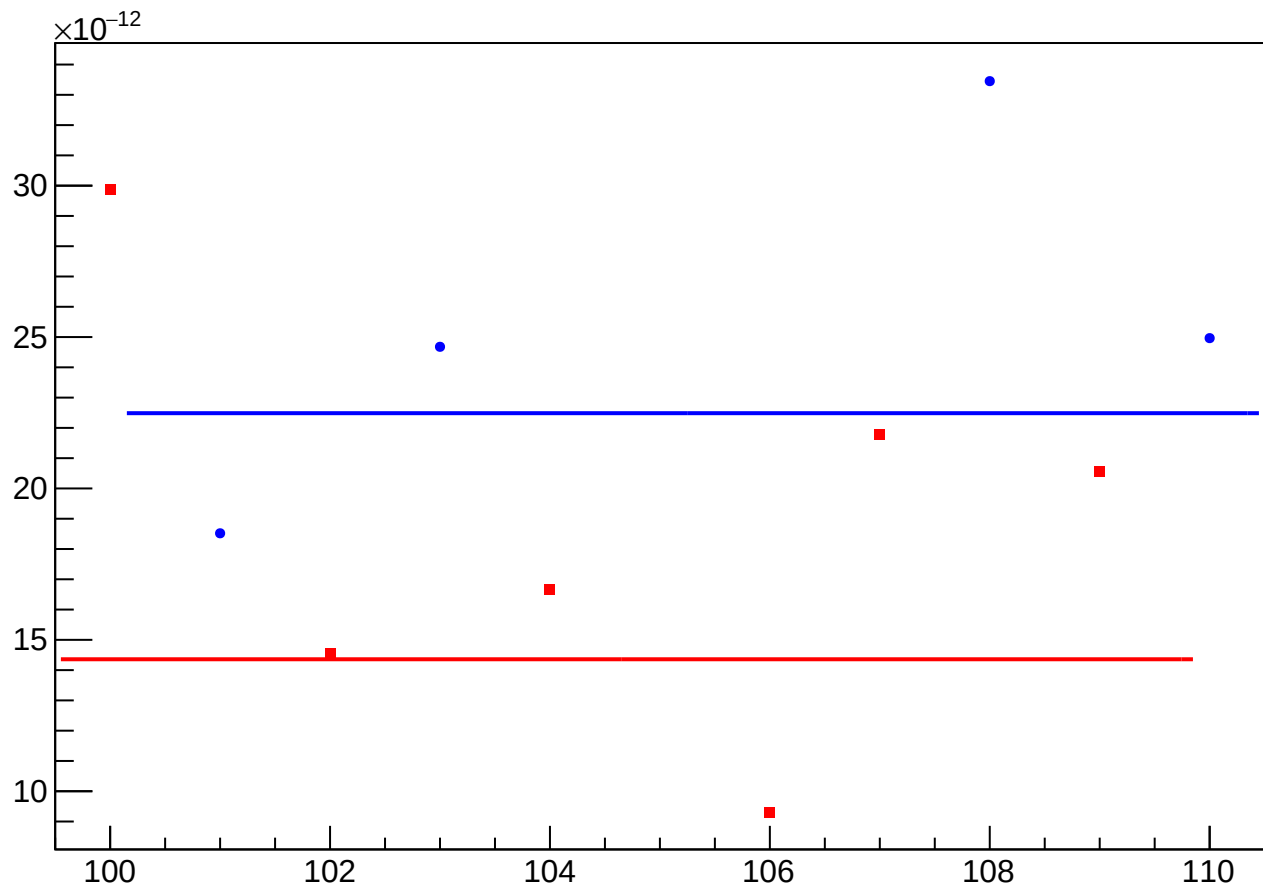
Right: 0.000+/-0.000 χ^2/NDF : 6.8/9

In: 0.000+/-0.000 χ^2/NDF : 2.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.8/9

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 97094.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 179388.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

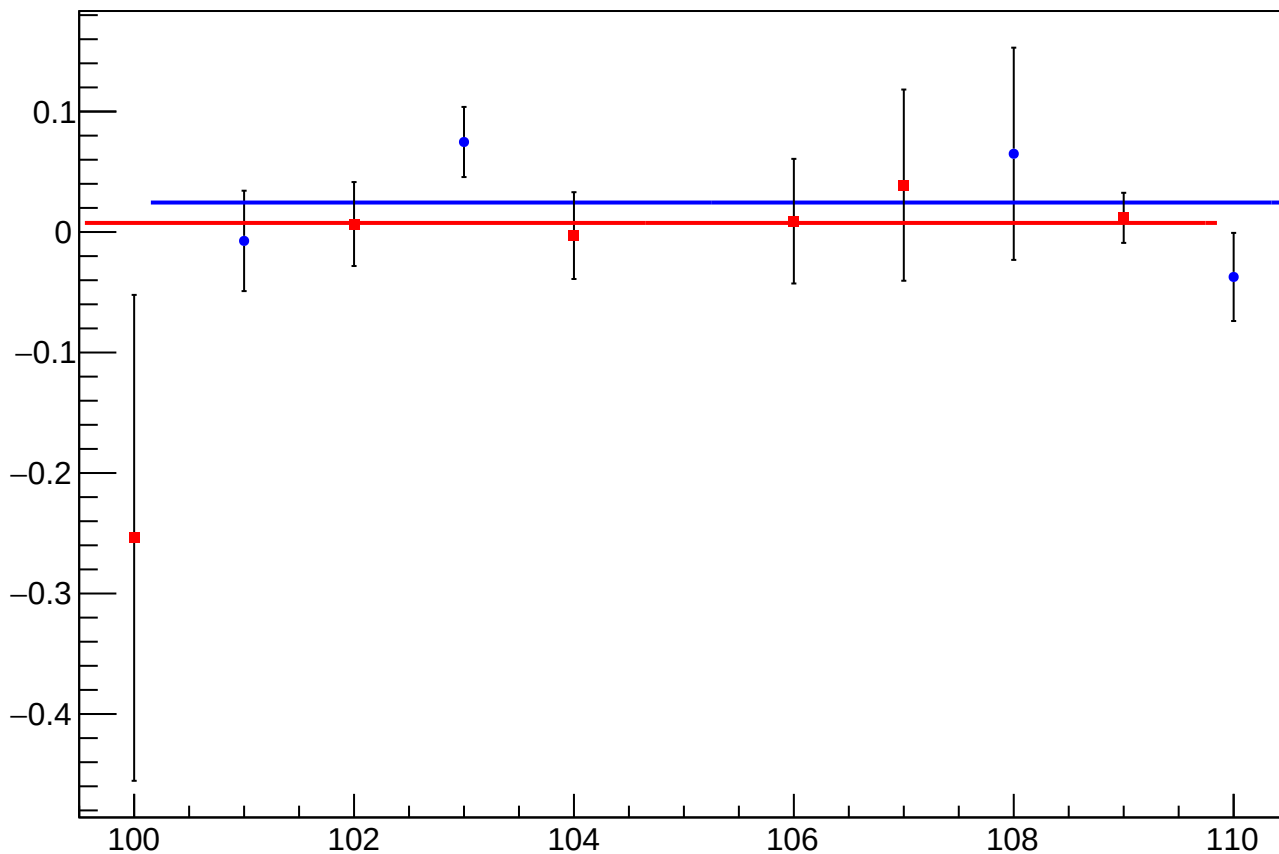
Right: 0.000+/-0.000 χ^2/NDF : 477452.8/9

In: 0.000+/-0.000 χ^2/NDF : 97094.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 477452.8/9

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.019 χ^2/NDF : 6.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.015 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

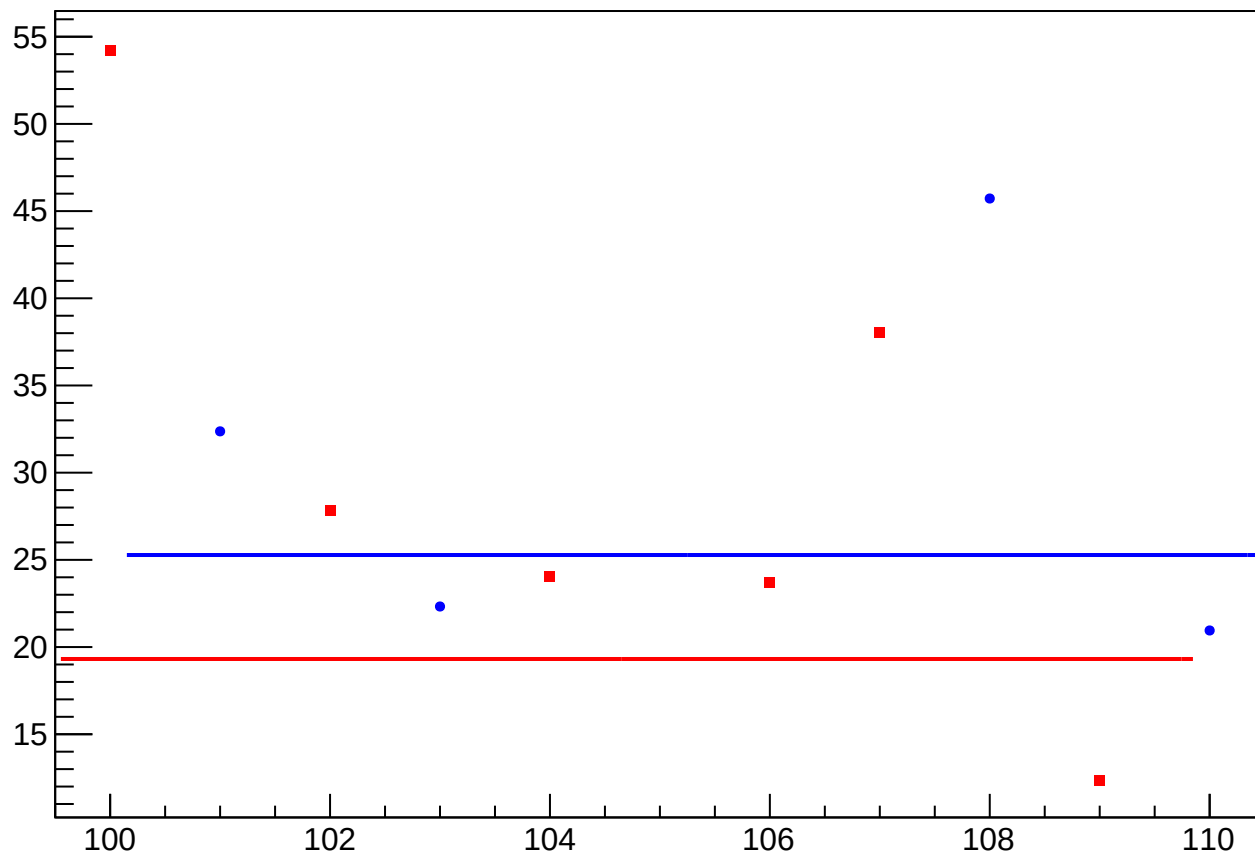
Right: 0.014+/-0.012 χ^2/NDF : 9.1/9

In: 0.024+/-0.019 χ^2/NDF : 6.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.012 χ^2/NDF : 9.1/9

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.278+/-0.014 χ^2/NDF : 214365.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.315+/-0.011 χ^2/NDF : 564313.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

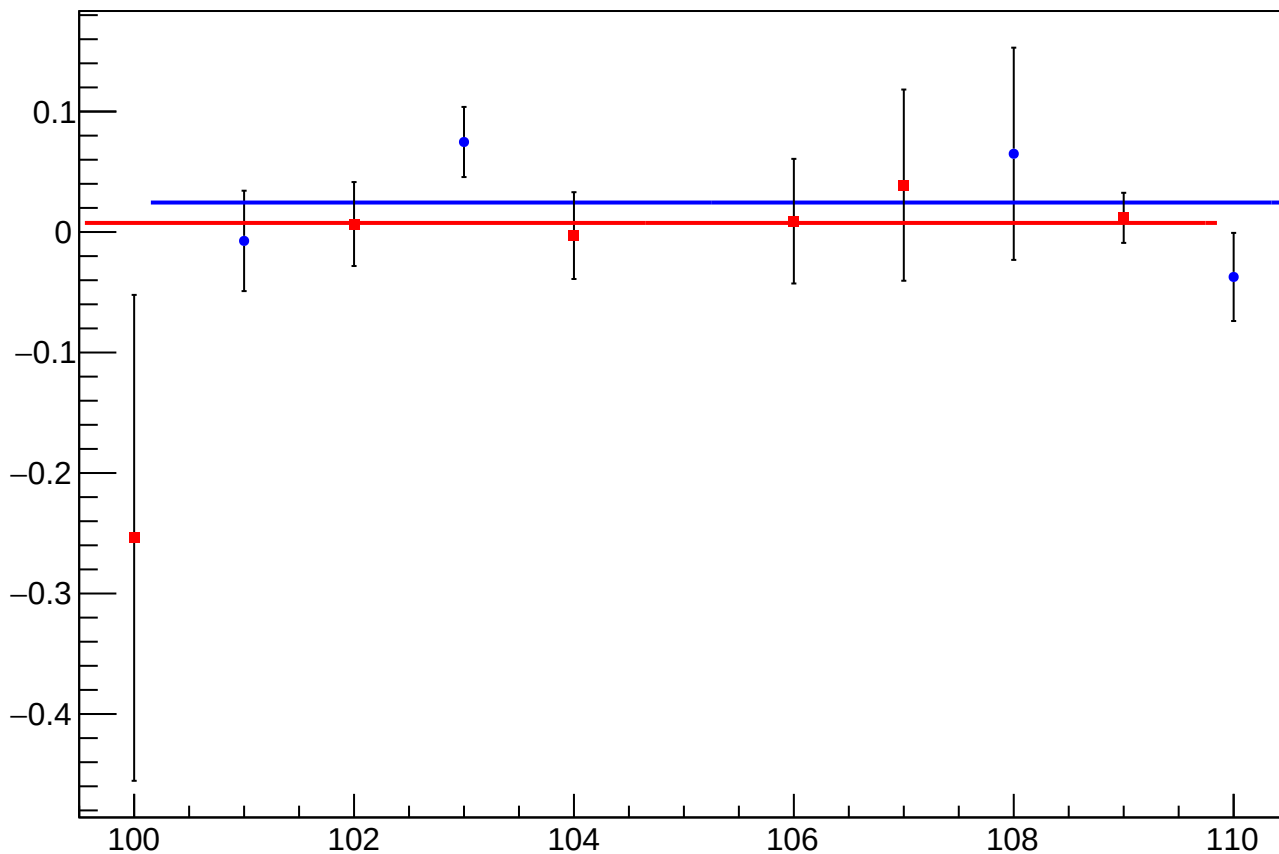
Right: 21.527+/-0.008 χ^2/NDF : 896503.0/9

In: 25.278+/-0.014 χ^2/NDF : 214365.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.527+/-0.008 χ^2/NDF : 896503.0/9

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.019 χ^2/NDF : 6.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.015 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

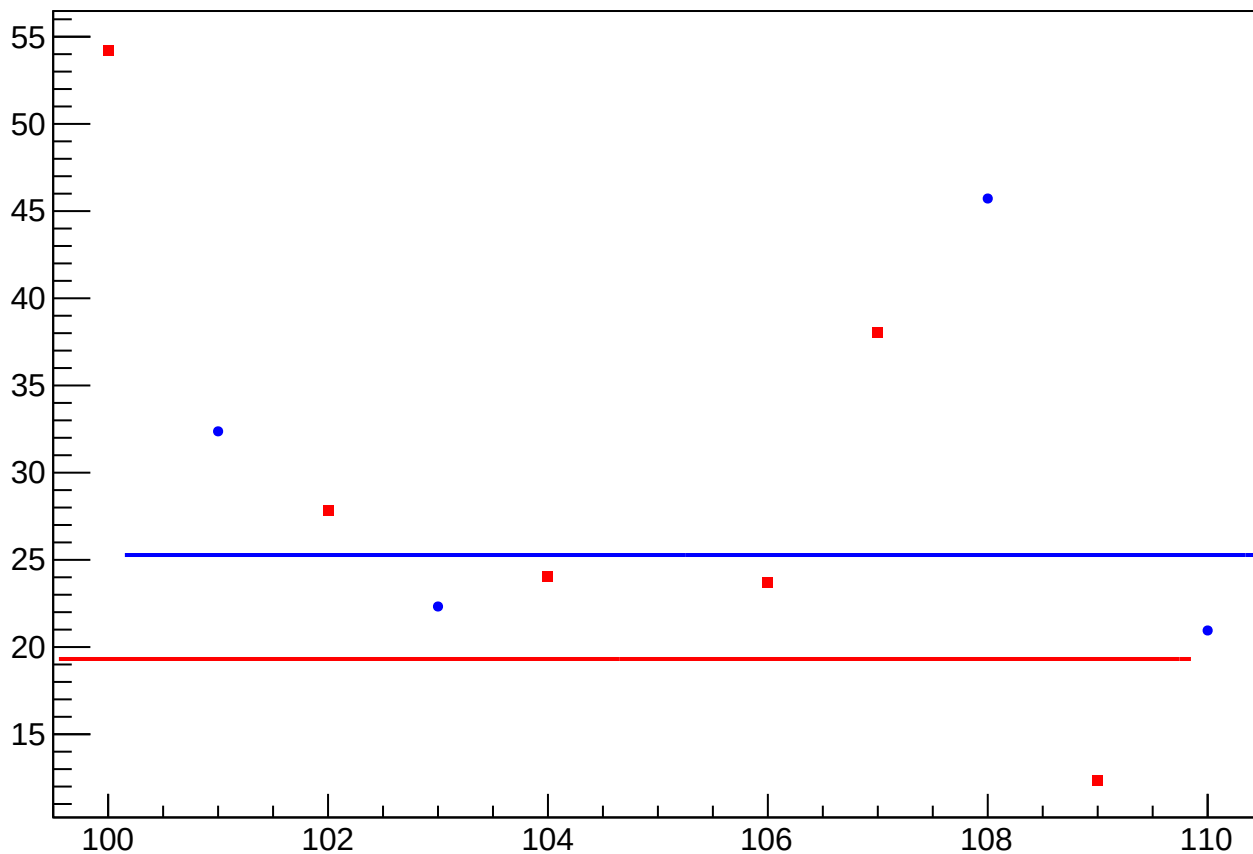
Right: 0.014+/-0.012 χ^2/NDF : 9.1/9

In: 0.024+/-0.019 χ^2/NDF : 6.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.012 χ^2/NDF : 9.1/9

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.278+/-0.014 χ^2/NDF : 214365.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.315+/-0.011 χ^2/NDF : 564313.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

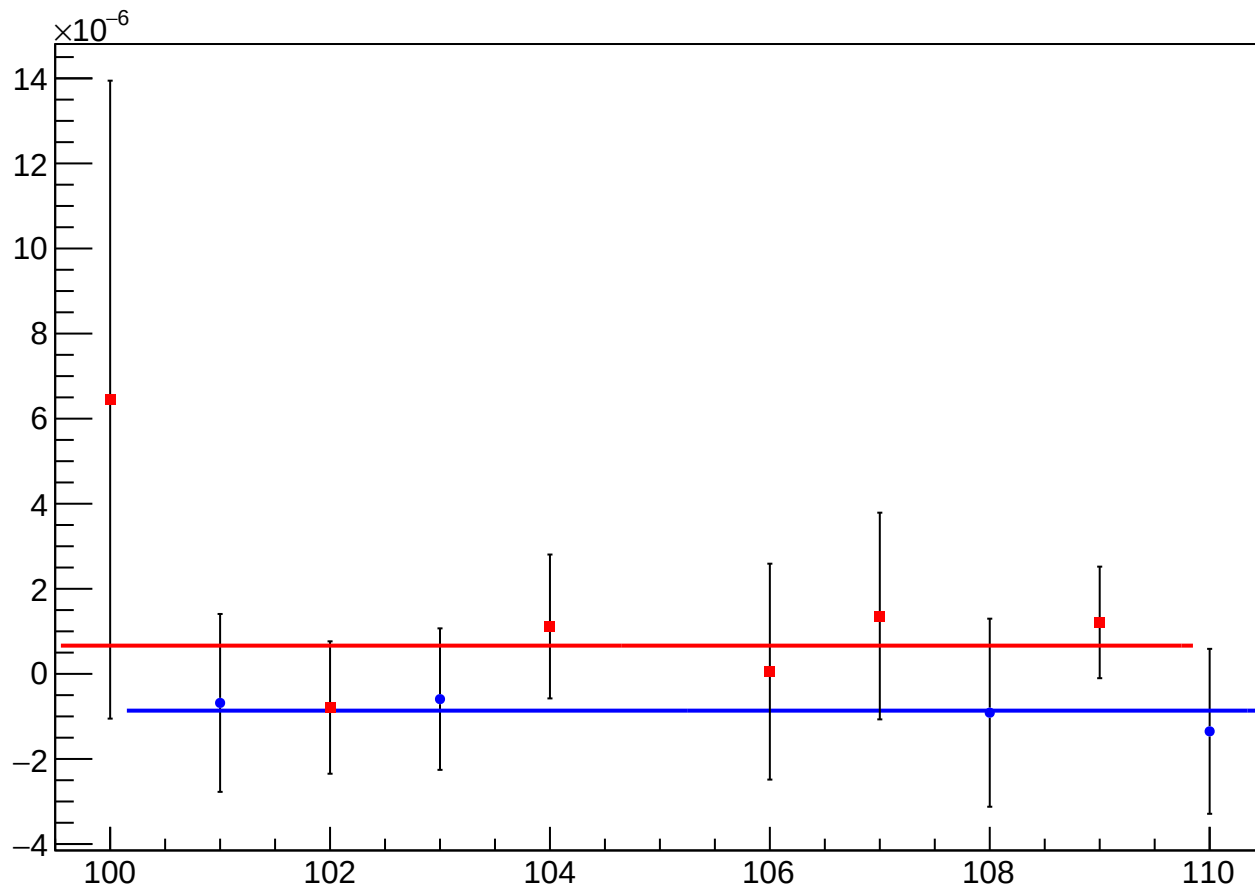
Right: 21.527+/-0.008 χ^2/NDF : 896503.0/9

In: 25.278+/-0.014 χ^2/NDF : 214365.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.527+/-0.008 χ^2/NDF : 896503.0/9

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

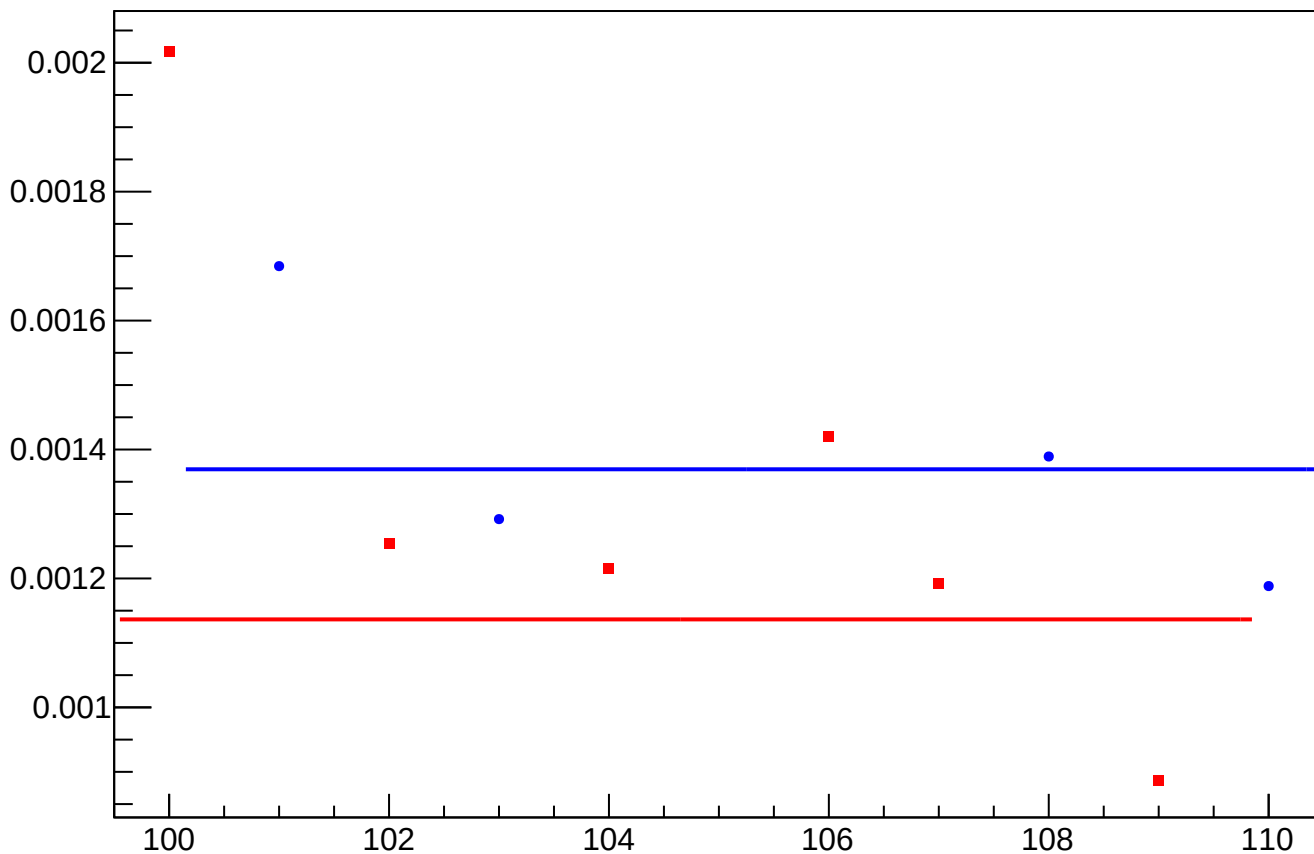
Right: 0.000+/-0.000 χ^2/NDF : 3.5/9

In: -0.000+/-0.000 χ^2/NDF : 0.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.5/9

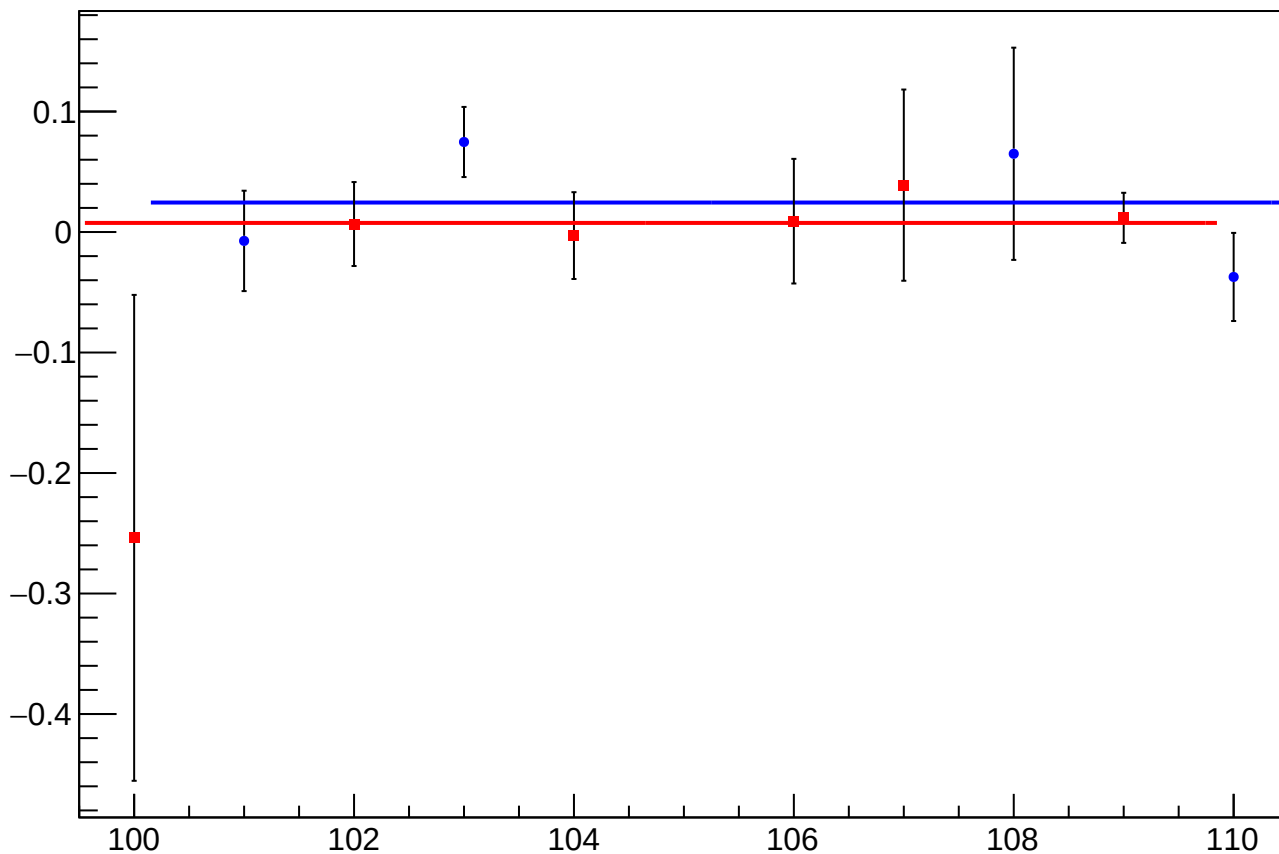
asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 67369.5/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.001+/-0.000 χ^2/NDF : 141742.8/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.001+/-0.000 χ^2/NDF : 279734.4/9
 In: 0.001+/-0.000 χ^2/NDF : 67369.5/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.001+/-0.000 χ^2/NDF : 279734.4/9

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.019 χ^2/NDF : 6.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.015 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

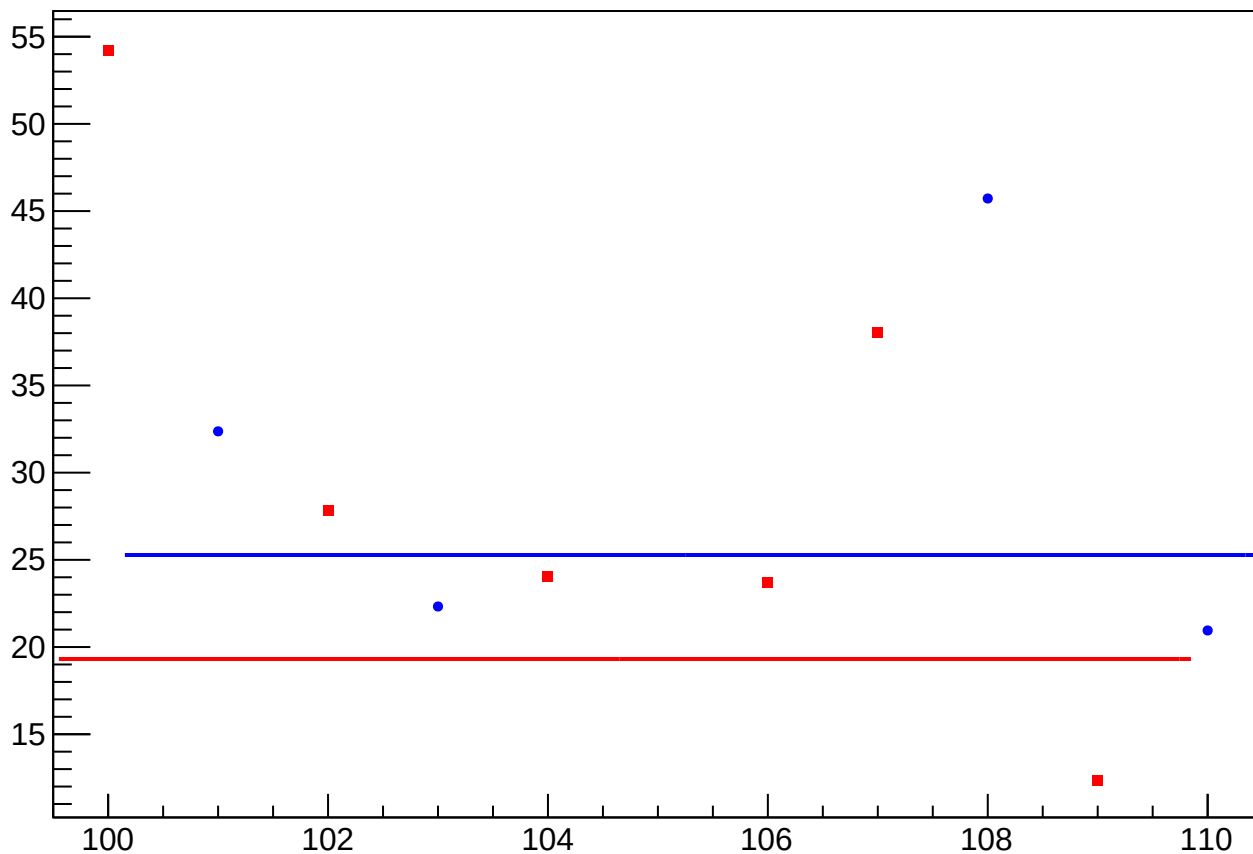
Right: 0.014+/-0.012 χ^2/NDF : 9.1/9

In: 0.024+/-0.019 χ^2/NDF : 6.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.012 χ^2/NDF : 9.1/9

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.278+/-0.014 χ^2/NDF : 214362.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.315+/-0.011 χ^2/NDF : 564339.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

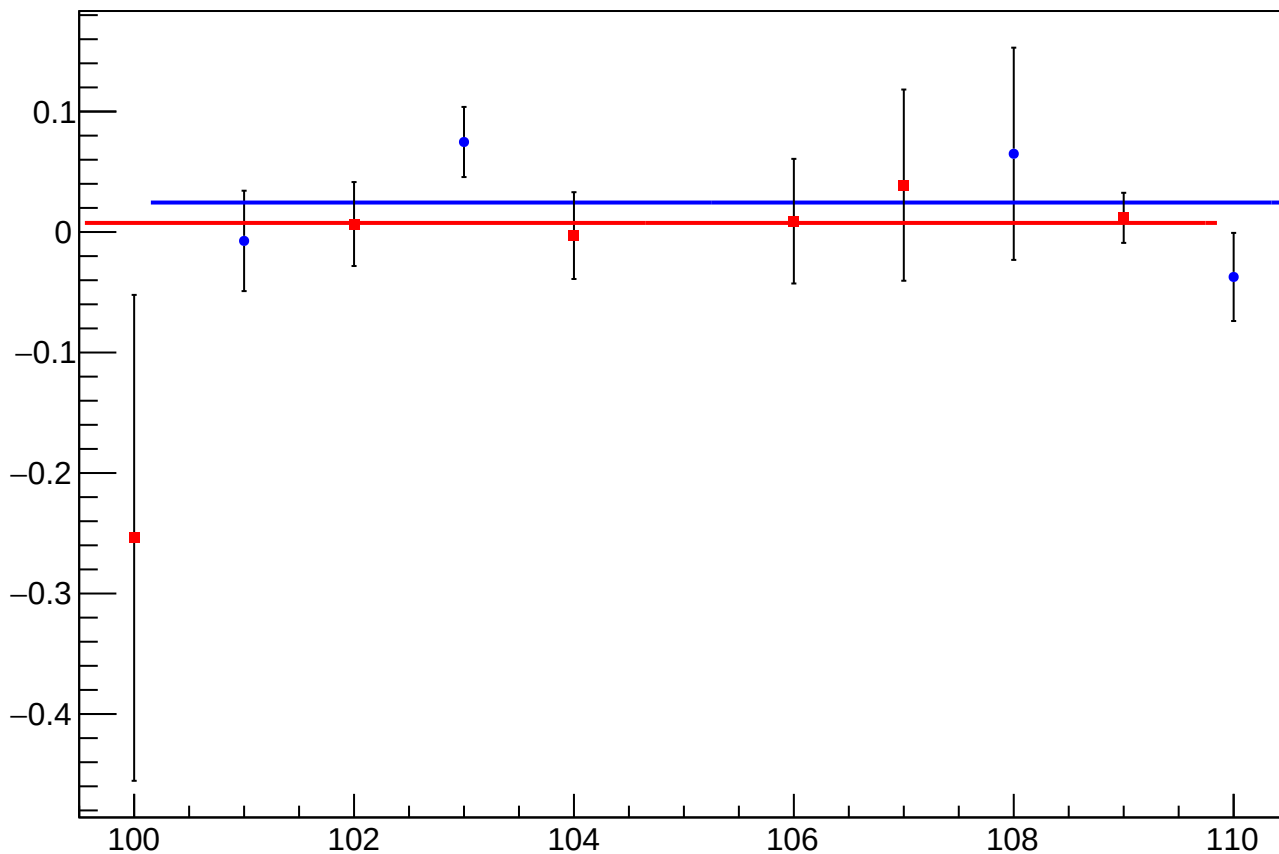
Right: 21.527+/-0.008 χ^2/NDF : 896530.2/9

In: 25.278+/-0.014 χ^2/NDF : 214362.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.527+/-0.008 χ^2/NDF : 896530.2/9

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.019 χ^2 /NDF: 6.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.015 χ^2 /NDF: 2.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

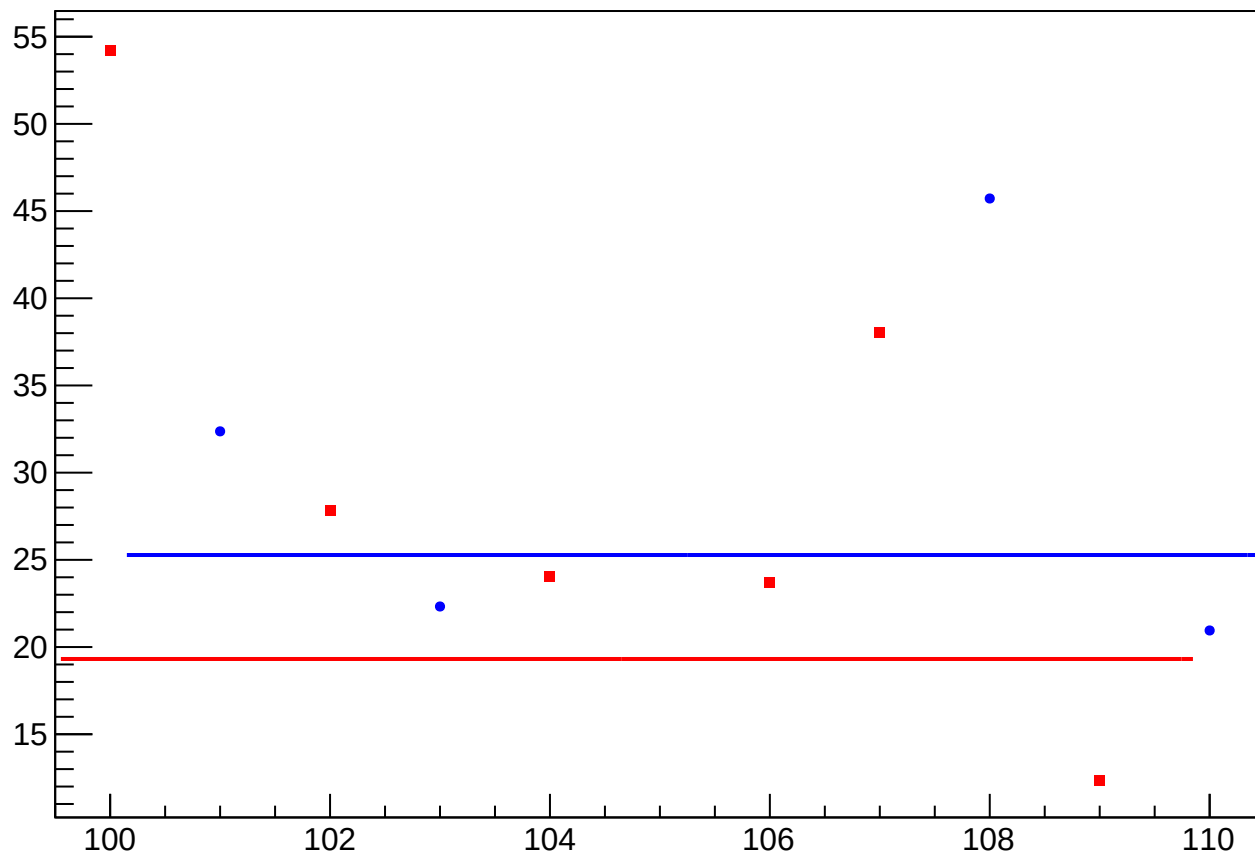
Right: 0.014 $\pm$ 0.012 χ^2 /NDF: 9.1/9

In: 0.024 $\pm$ 0.019 χ^2 /NDF:6.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.012 χ^2 /NDF: 9.1/9

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.278+/-0.014 χ^2/NDF : 214362.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.315+/-0.011 χ^2/NDF : 564339.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

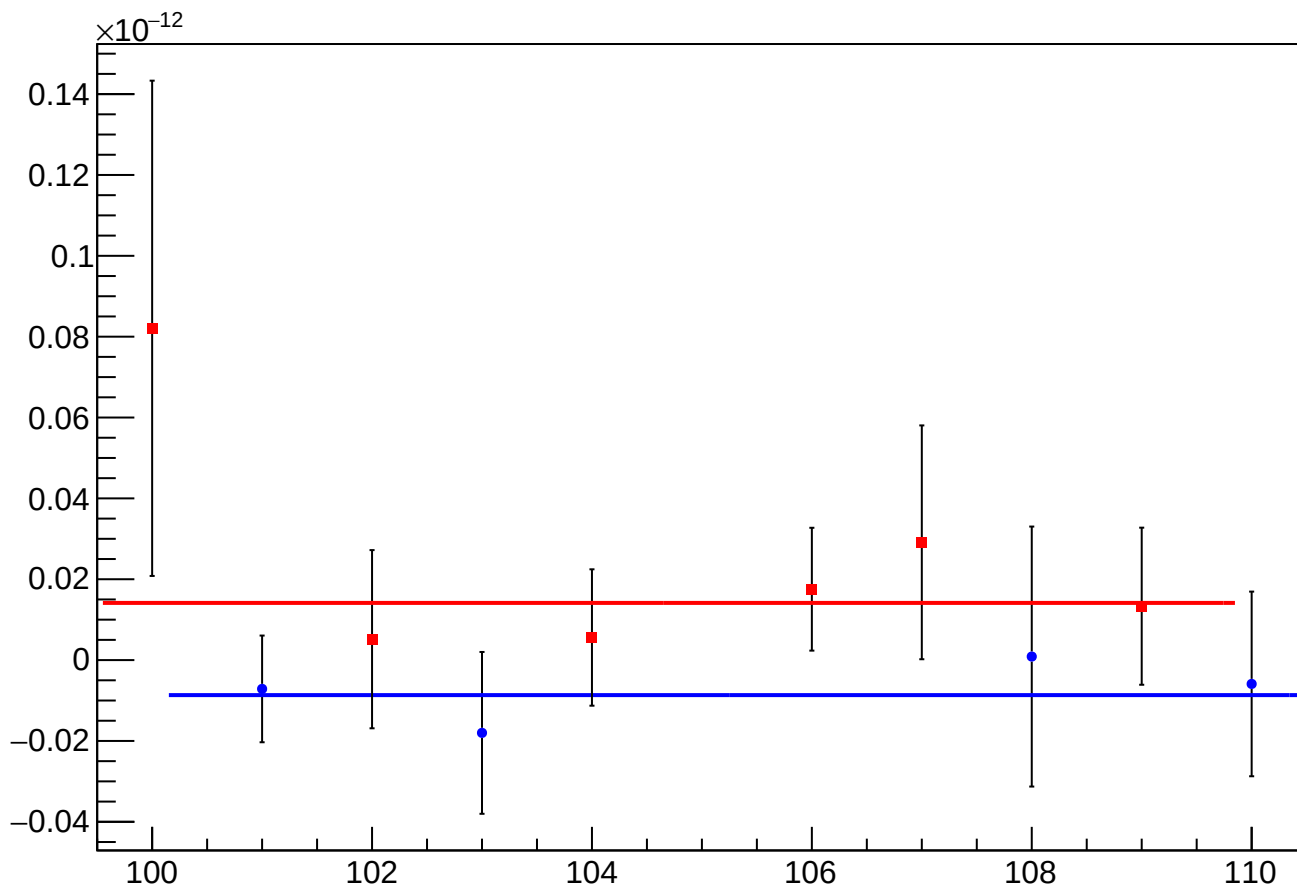
Right: 21.527+/-0.008 χ^2/NDF : 896530.2/9

In: 25.278+/-0.014 χ^2/NDF : 214362.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.527+/-0.008 χ^2/NDF : 896530.2/9

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

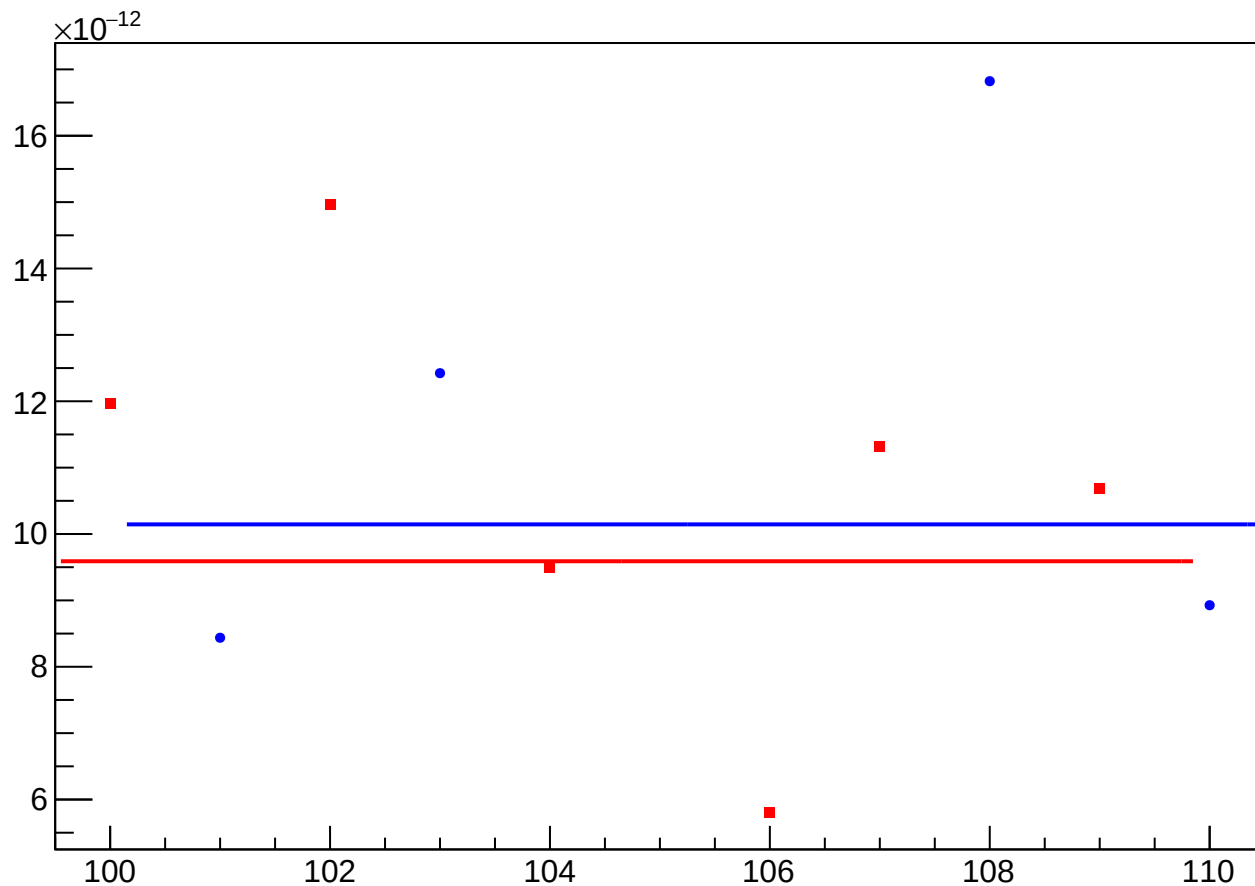
Right: 0.000+/-0.000 χ^2/NDF : 5.5/9

In: -0.000+/-0.000 χ^2/NDF : 0.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.5/9

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 151330.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 259481.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

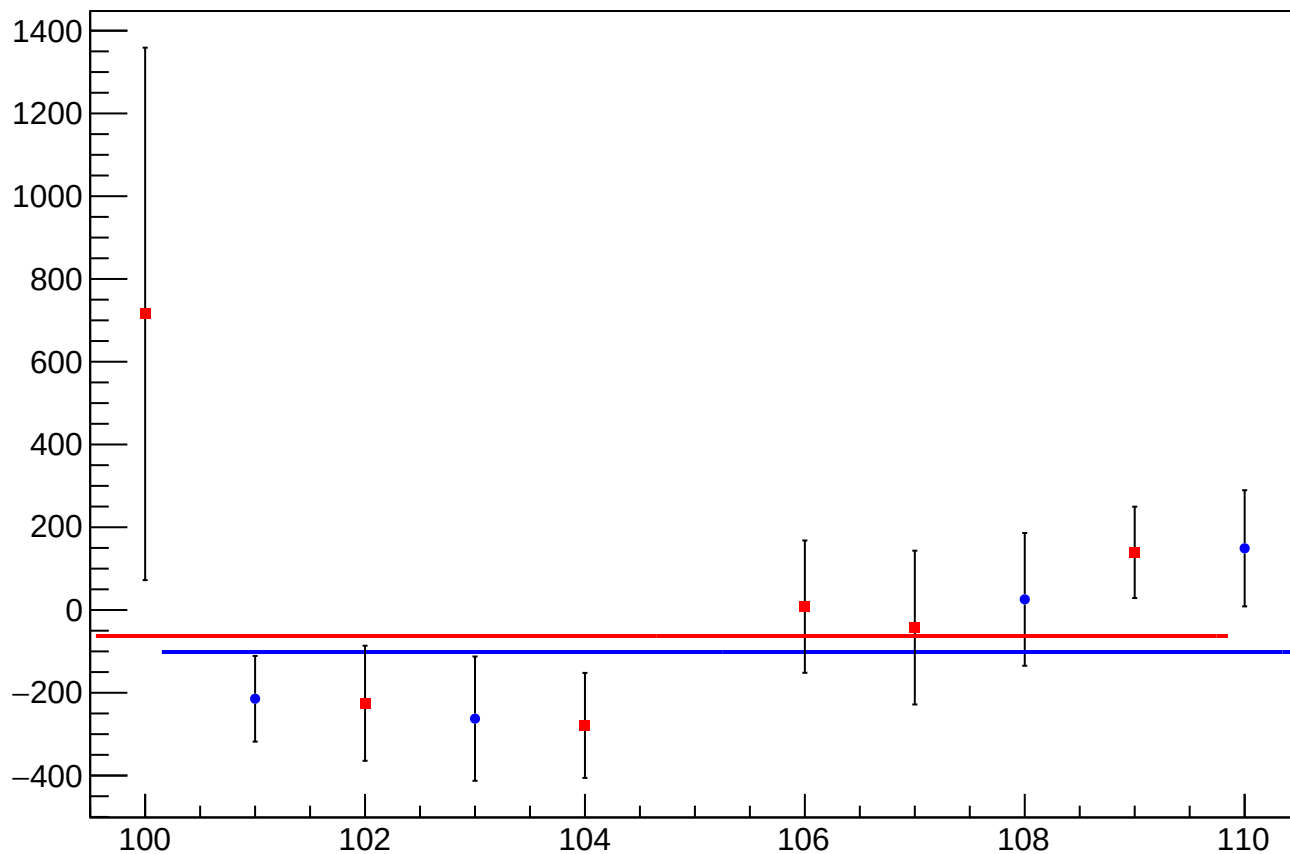
Right: 0.000+/-0.000 χ^2/NDF : 414640.9/9

In: 0.000+/-0.000 χ^2/NDF : 151330.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 414640.9/9

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -101.503+/-66.348 χ^2/NDF : 6.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.782+/-61.267 χ^2/NDF : 9.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

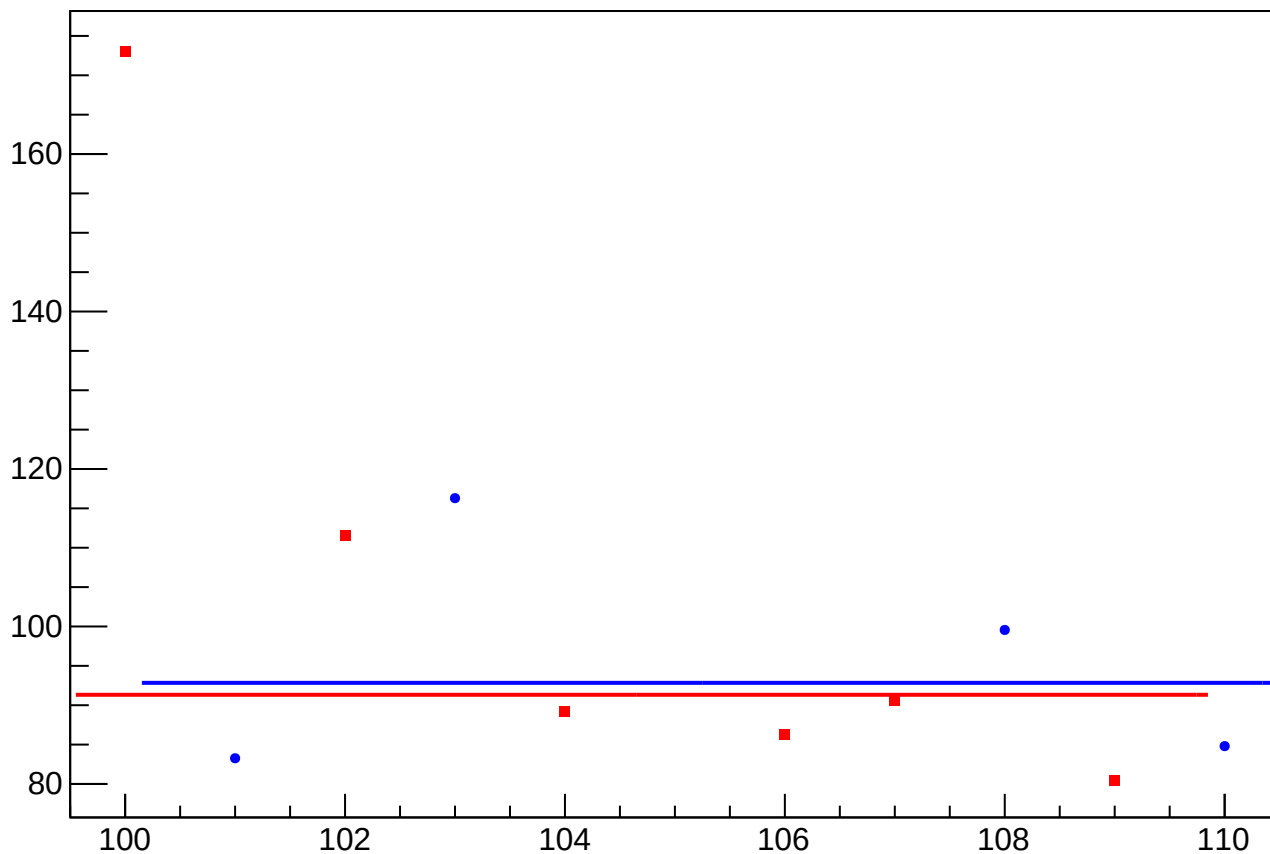
Right: -80.603+/-45.012 χ^2/NDF : 15.6/9

In: -101.503+/-66.348 χ^2/NDF : 6.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -80.603+/-45.012 χ^2/NDF : 15.6/9

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 92.844+/-0.047 χ^2/NDF : 75945.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.325+/-0.043 χ^2/NDF : 96295.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

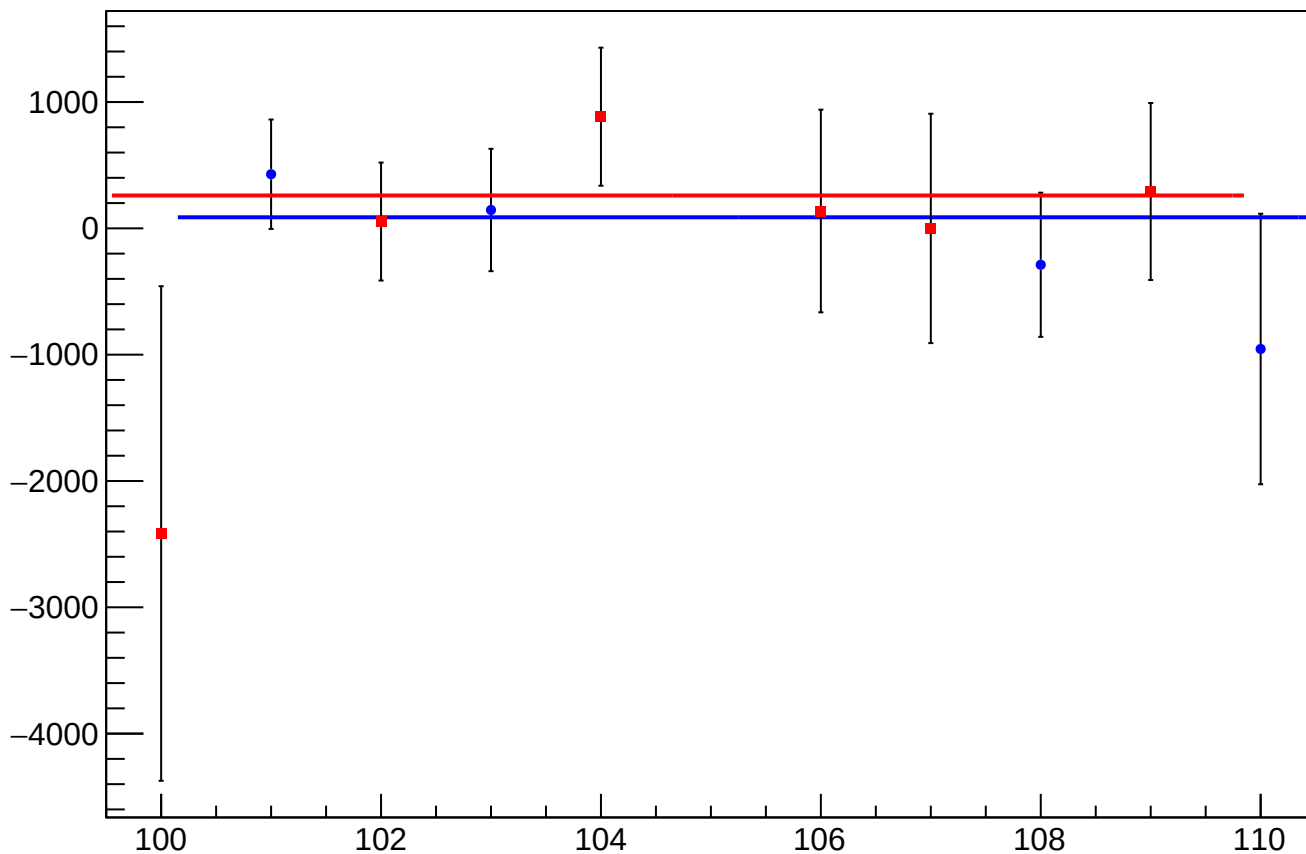
Right: 92.024+/-0.032 χ^2/NDF : 172806.5/9

In: 92.844+/-0.047 χ^2/NDF : 75945.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.024+/-0.032 χ^2/NDF : 172806.5/9

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 87.575+/-271.804 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 260.200+/-277.323 χ^2/NDF : 3.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

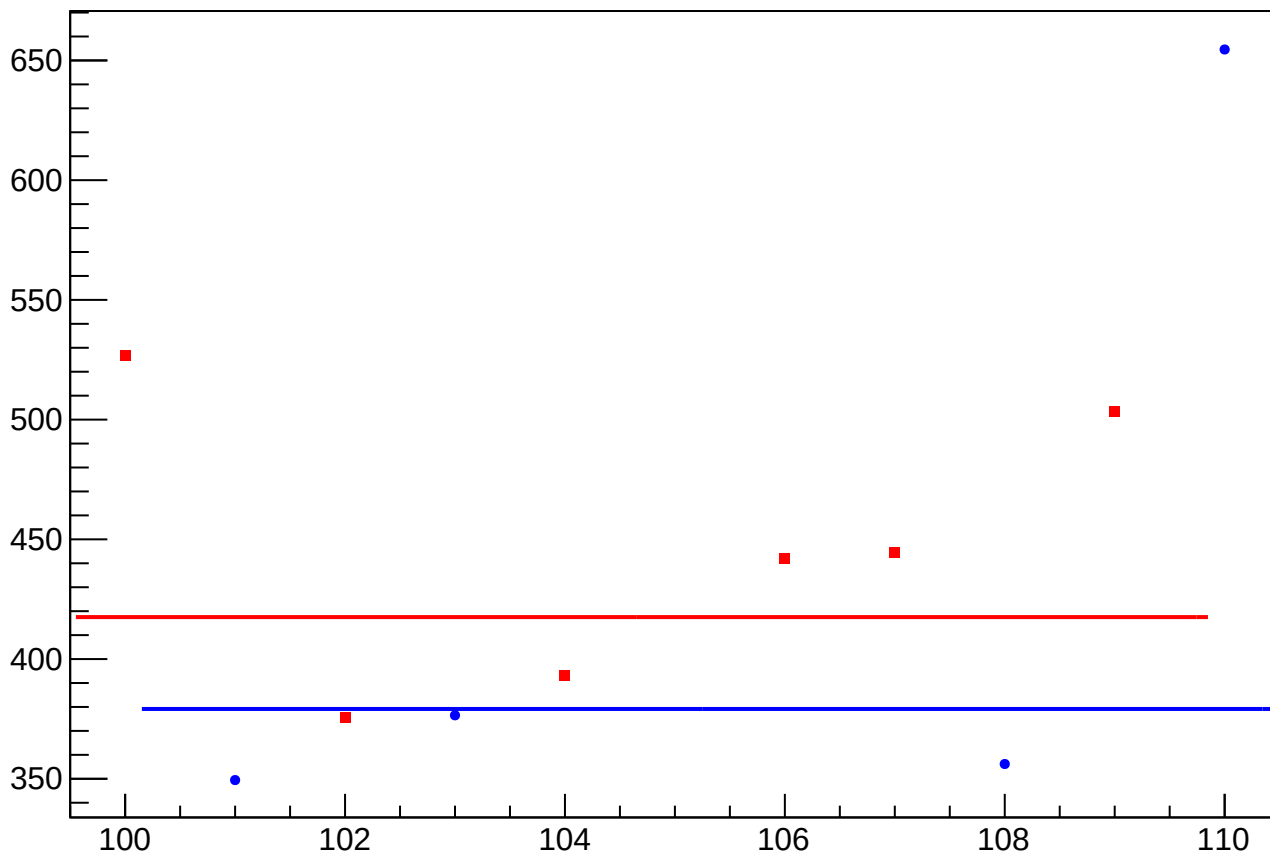
Right: 172.153+/-194.117 χ^2/NDF : 5.7/9

In: 87.575+/-271.804 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.153+/-194.117 χ^2/NDF : 5.7/9

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 379.159+/-0.192 χ^2/NDF : 144998.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 417.527+/-0.196 χ^2/NDF : 60118.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

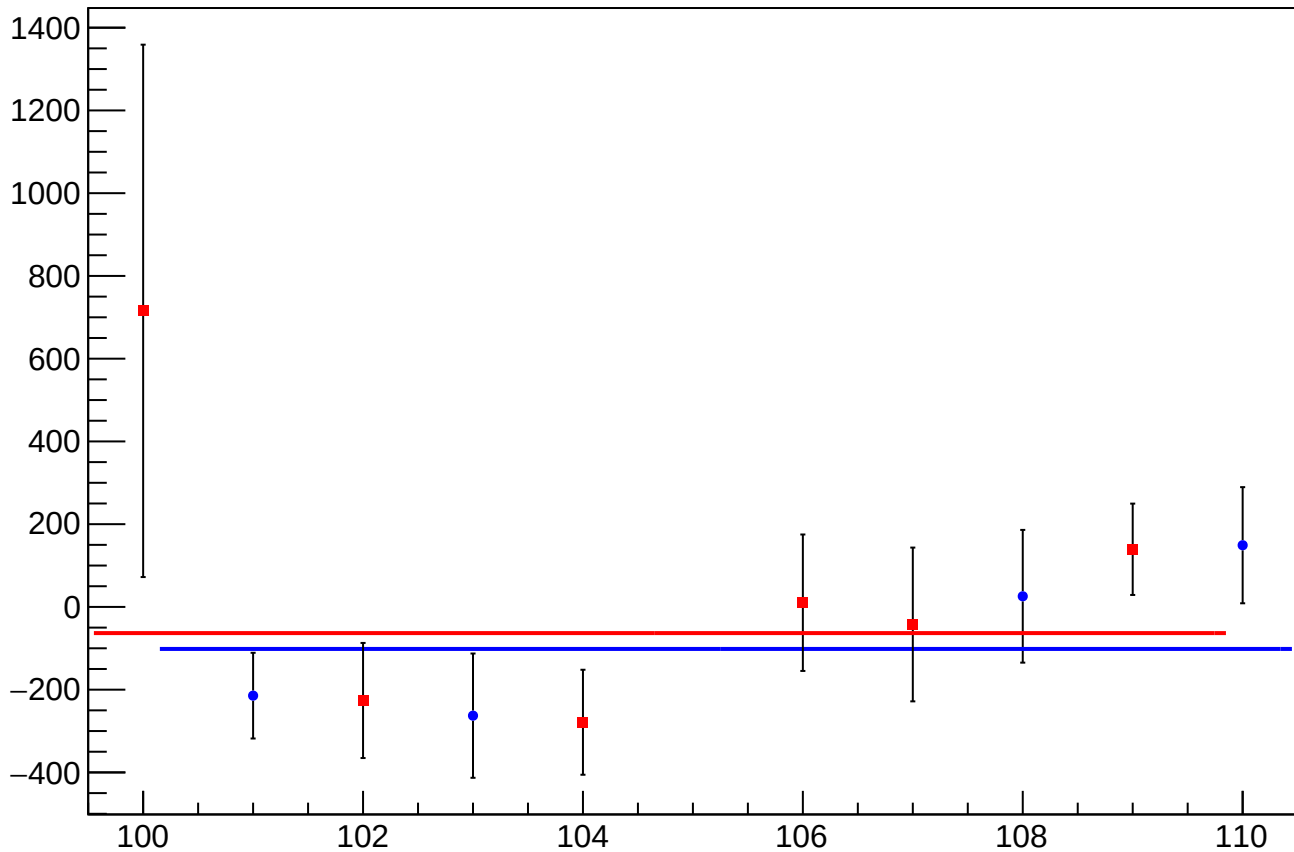
Right: 397.958+/-0.137 χ^2/NDF : 224642.0/9

In: 379.159+/-0.192 χ^2/NDF : 144998.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 397.958+/-0.137 χ^2/NDF : 224642.0/9

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -101.561+/-66.349 χ^2/NDF : 6.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.256+/-61.543 χ^2/NDF : 9.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

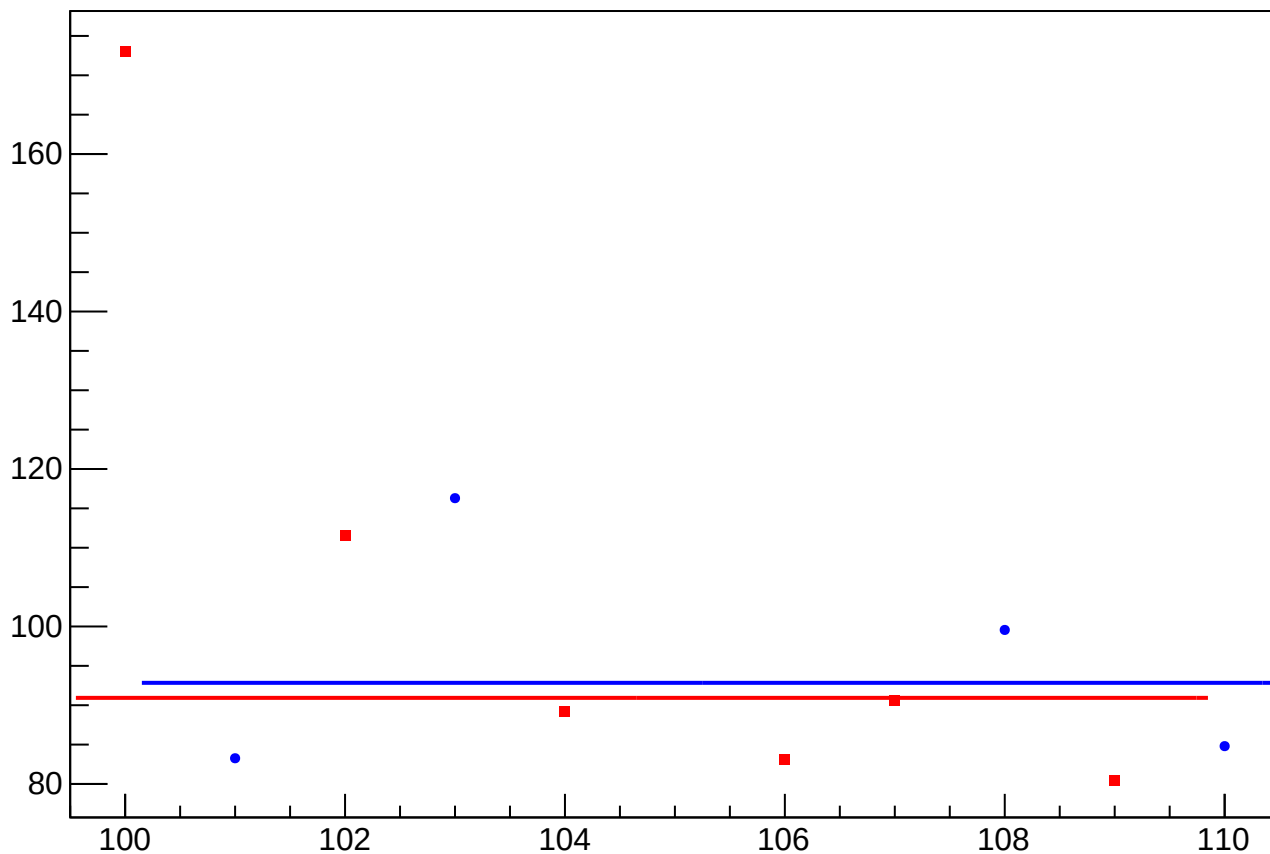
Right: -80.971+/-45.121 χ^2/NDF : 15.6/9

In: -101.561+/-66.349 χ^2/NDF : 6.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -80.971+/-45.121 χ^2/NDF : 15.6/9

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 92.844 $\pm$ 0.047 χ^2 /NDF: 75948.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.935 $\pm$ 0.044 χ^2 /NDF: 99310.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

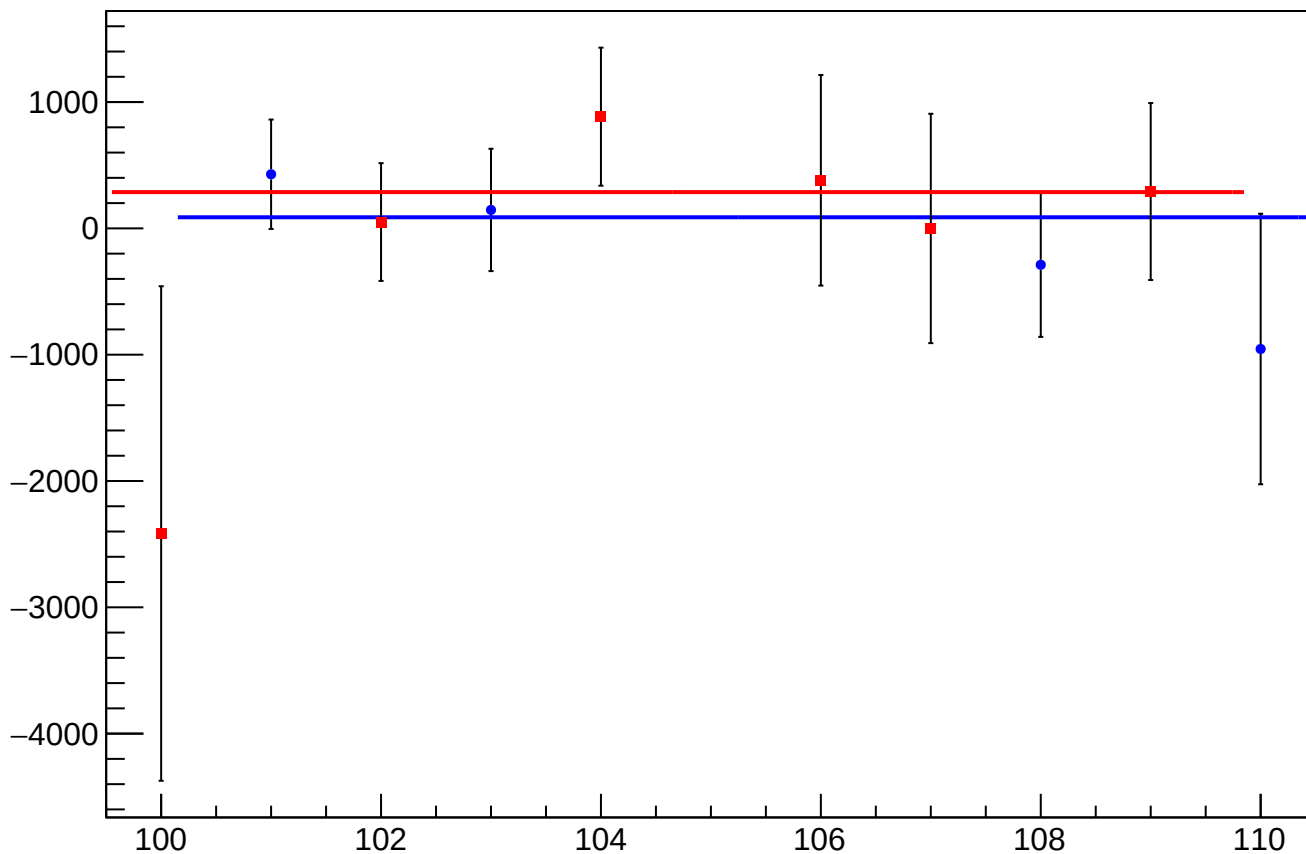
Right: 91.818 $\pm$ 0.032 χ^2 /NDF: 176148.5/9

In: 92.844 $\pm$ 0.047 χ^2 /NDF:75948.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.818 $\pm$ 0.032 χ^2 /NDF: 176148.5/9

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 87.786 $\pm$ 271.793 χ^2 /NDF: 2.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 286.984 $\pm$ 278.393 χ^2 /NDF: 3.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

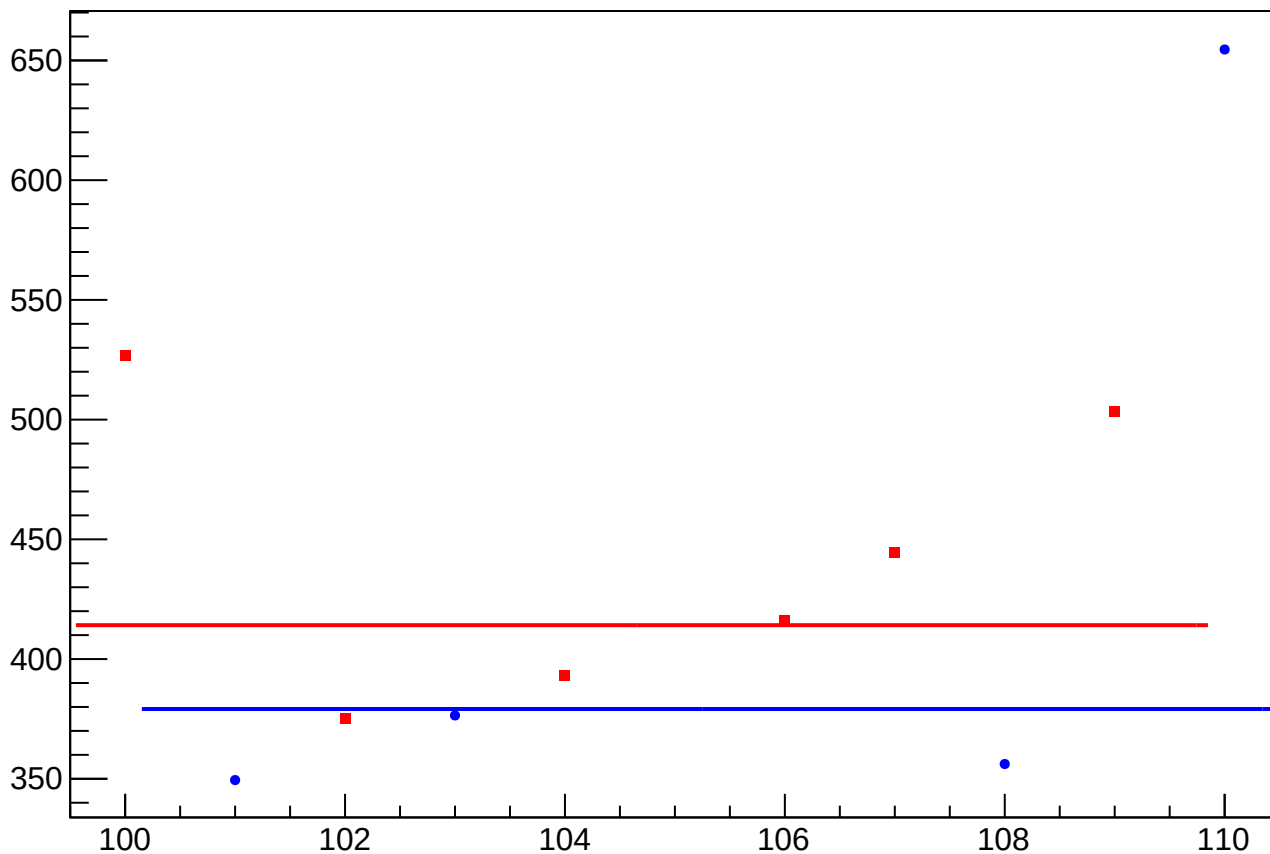
Right: 184.995 $\pm$ 194.478 χ^2 /NDF: 5.7/9

In: 87.786 $\pm$ 271.793 χ^2 /NDF:2.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 184.995 $\pm$ 194.478 χ^2 /NDF: 5.7/9

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 379.143+/-0.192 χ^2/NDF : 145000.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.151+/-0.197 χ^2/NDF : 58531.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

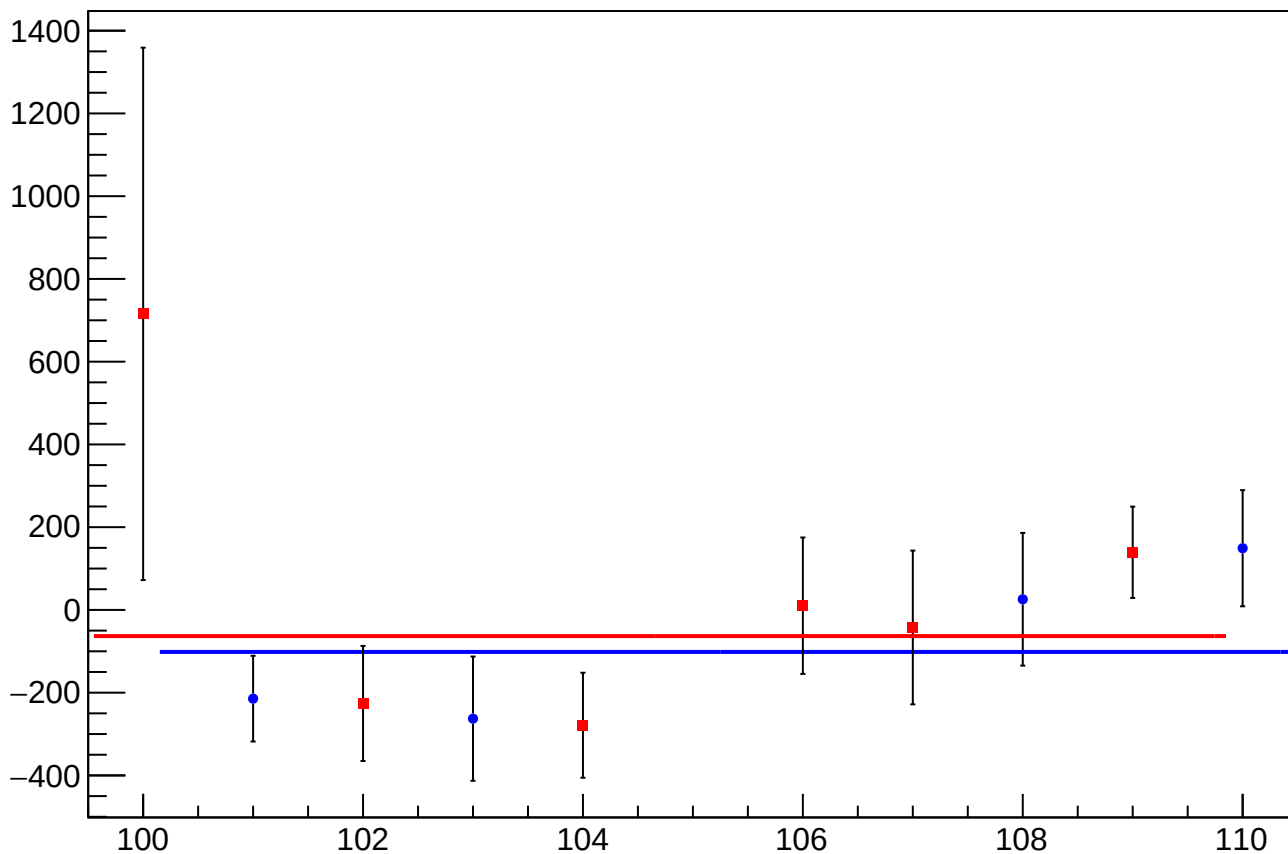
Right: 396.227+/-0.138 χ^2/NDF : 219724.4/9

In: 379.143+/-0.192 χ^2/NDF : 145000.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.227+/-0.138 χ^2/NDF : 219724.4/9

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -101.561 $\pm$ 66.349 χ^2 /NDF: 6.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -63.256 $\pm$ 61.543 χ^2 /NDF: 9.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

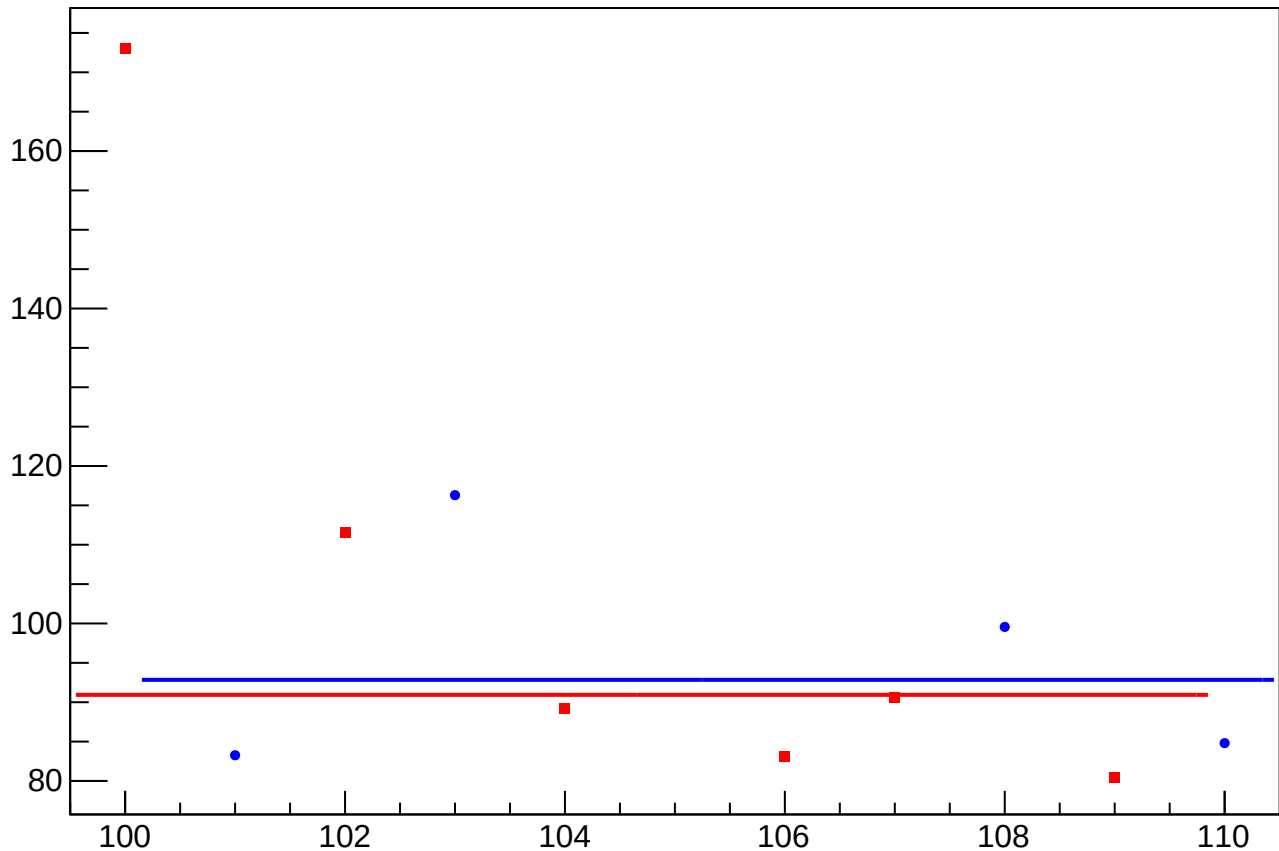
Right: -80.971 $\pm$ 45.121 χ^2 /NDF: 15.6/9

In: -101.561 $\pm$ 66.349 χ^2 /NDF:6.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -80.971 $\pm$ 45.121 χ^2 /NDF: 15.6/9

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 92.844+/-0.047 χ^2/NDF : 75948.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.935+/-0.044 χ^2/NDF : 99310.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

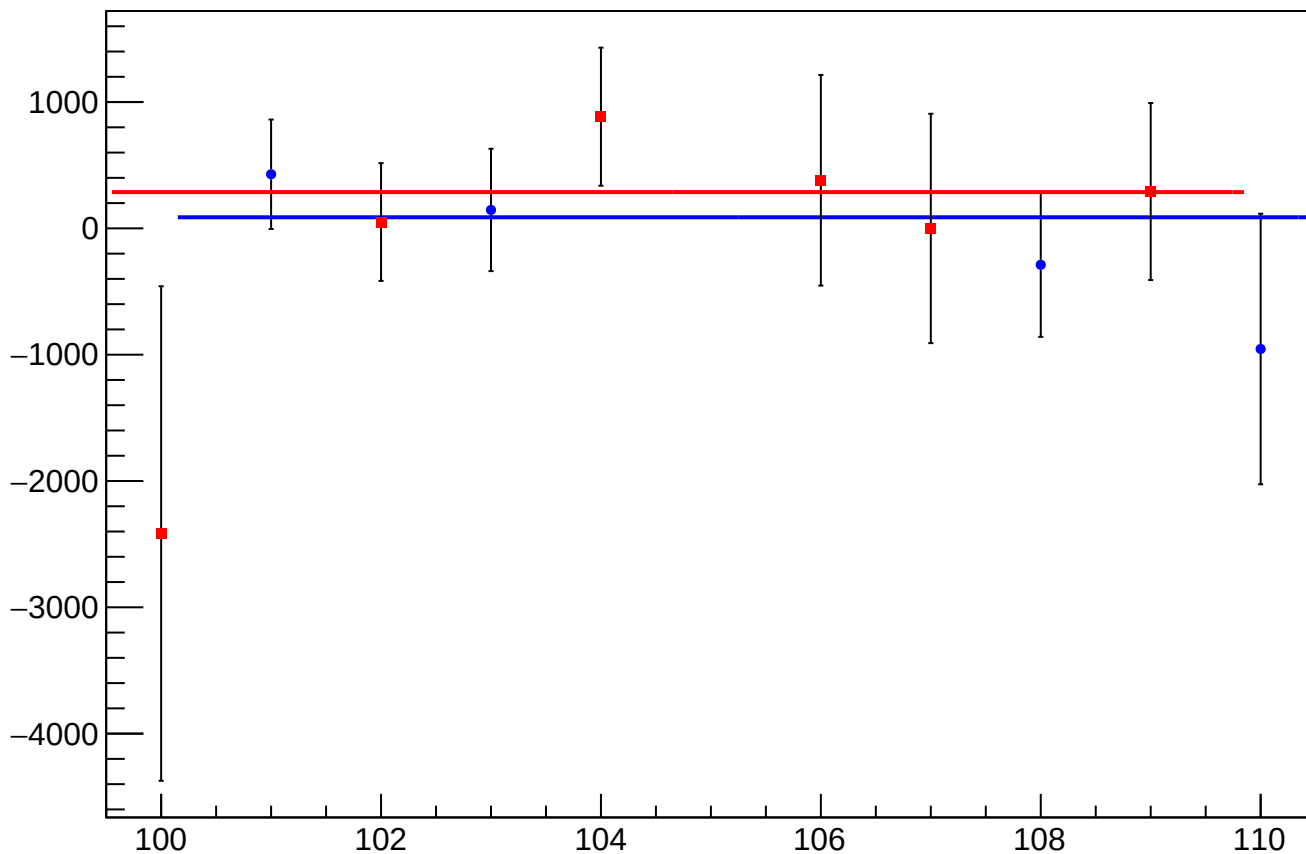
Right: 91.818+/-0.032 χ^2/NDF : 176148.5/9

In: 92.844+/-0.047 χ^2/NDF : 75948.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.818+/-0.032 χ^2/NDF : 176148.5/9

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 87.786 $\pm$ 271.793 χ^2 /NDF: 2.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 286.984 $\pm$ 278.393 χ^2 /NDF: 3.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

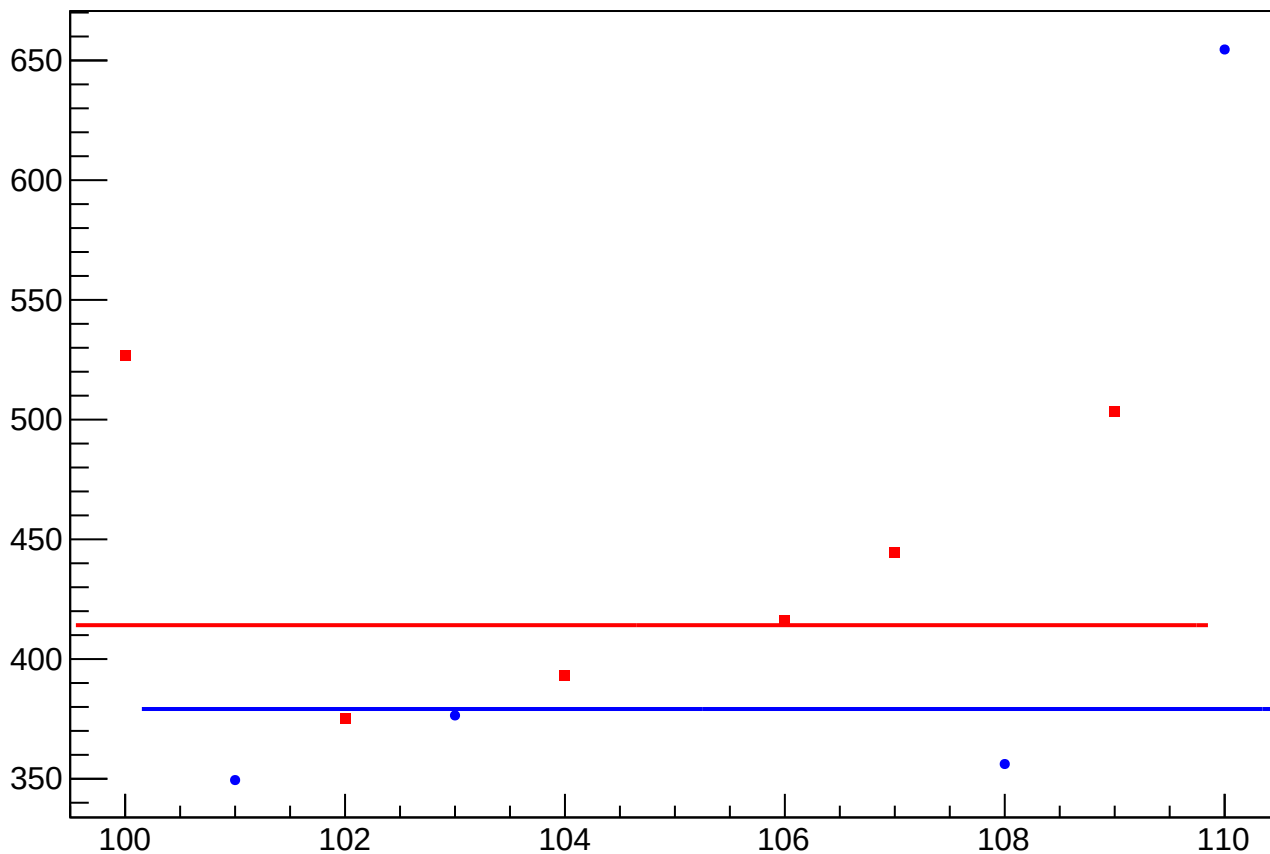
Right: 184.995 $\pm$ 194.478 χ^2 /NDF: 5.7/9

In: 87.786 $\pm$ 271.793 χ^2 /NDF:2.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 184.995 $\pm$ 194.478 χ^2 /NDF: 5.7/9

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 379.143+/-0.192 χ^2/NDF : 145000.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.151+/-0.197 χ^2/NDF : 58531.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

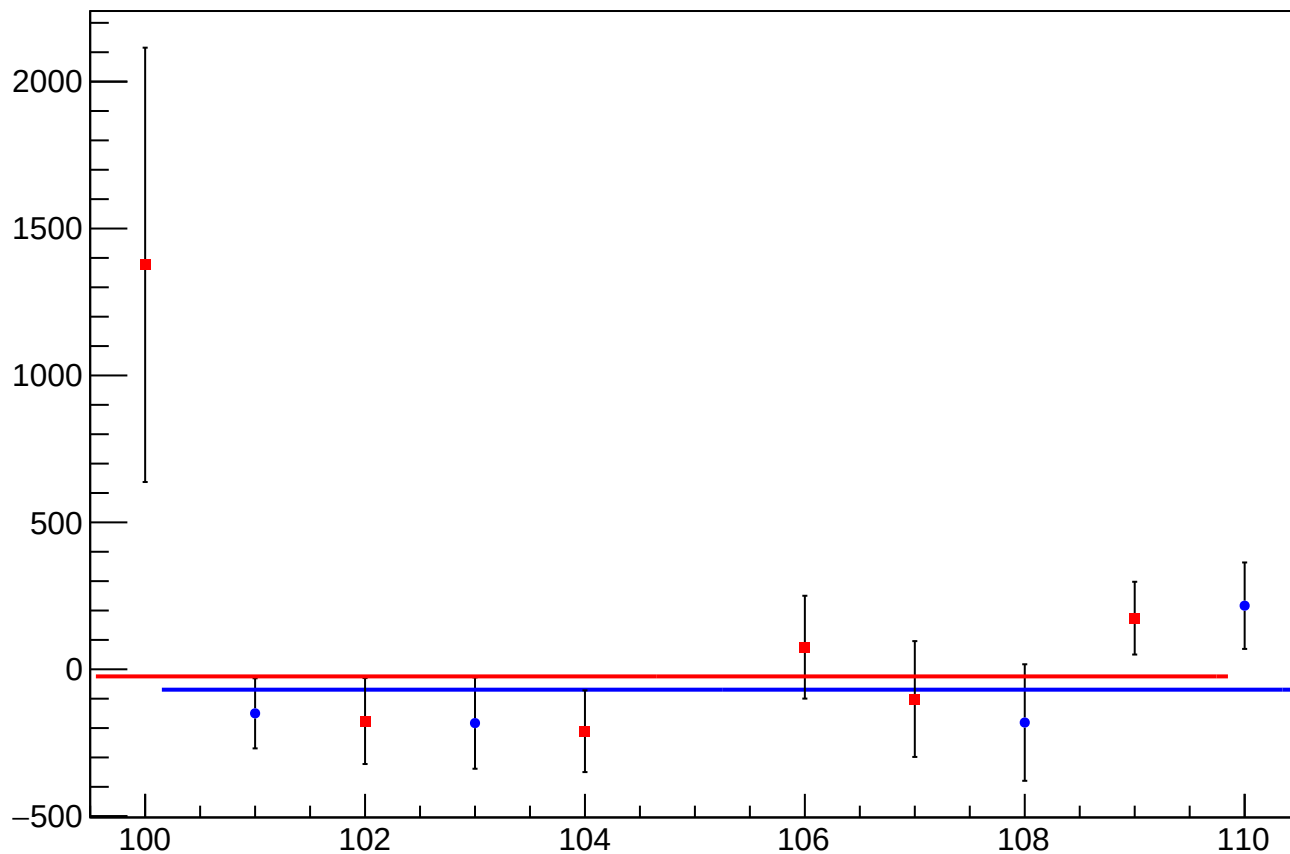
Right: 396.227+/-0.138 χ^2/NDF : 219724.4/9

In: 379.143+/-0.192 χ^2/NDF : 145000.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.227+/-0.138 χ^2/NDF : 219724.4/9

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -69.375+/-73.851 χ^2/NDF : 5.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.178+/-66.824 χ^2/NDF : 9.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

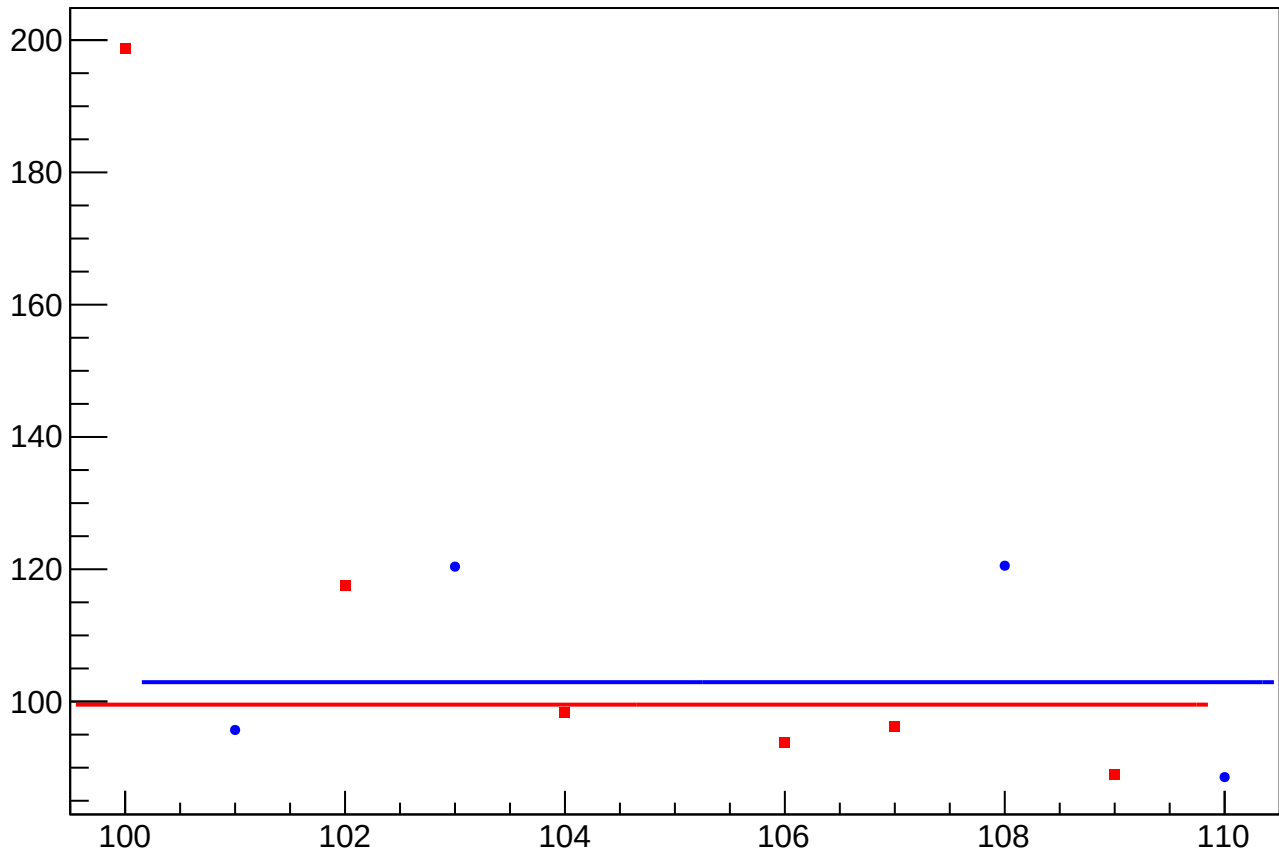
Right: -44.524+/-49.550 χ^2/NDF : 14.8/9

In: -69.375+/-73.851 χ^2/NDF : 5.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.524+/-49.550 χ^2/NDF : 14.8/9

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 102.928+/-0.052 χ^2/NDF : 67417.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.534+/-0.047 χ^2/NDF : 83712.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

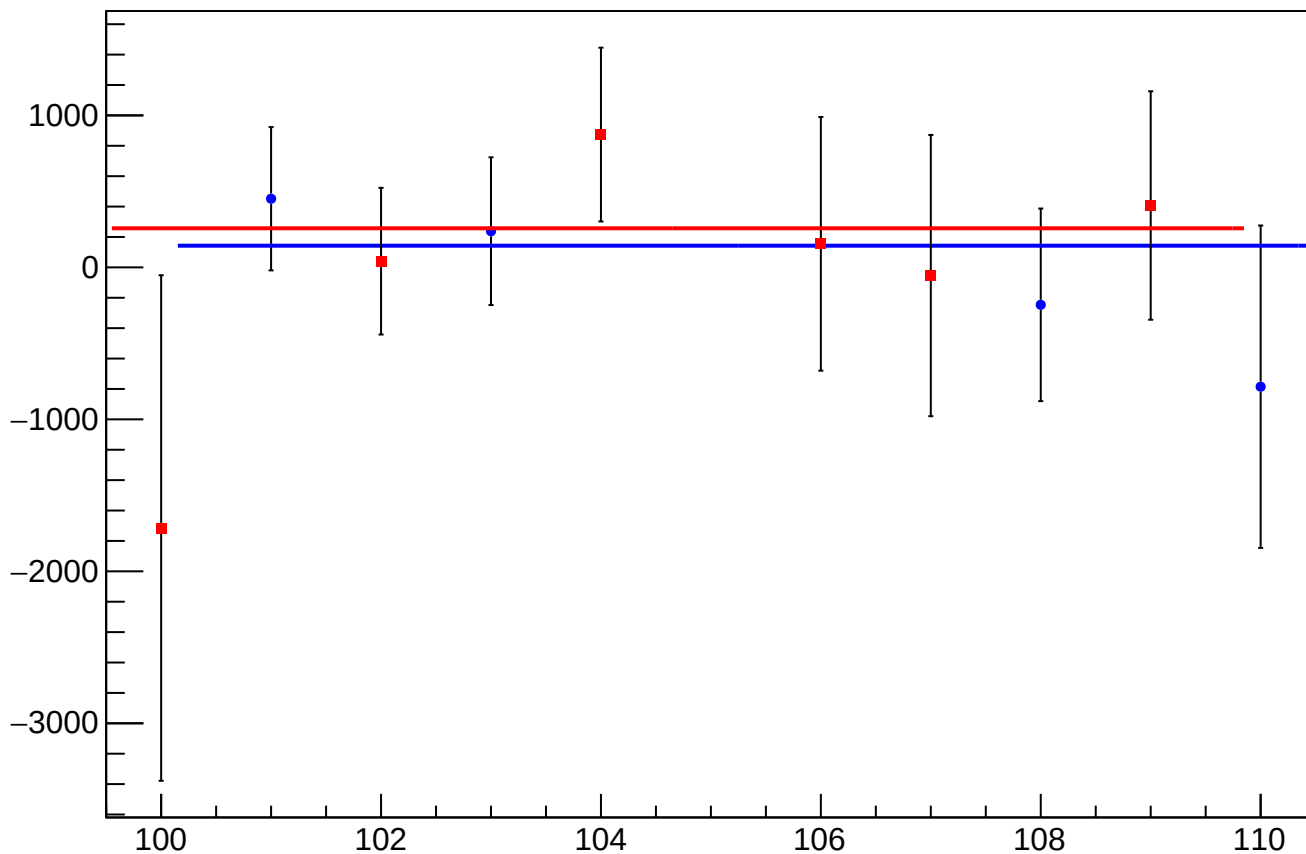
Right: 101.062+/-0.035 χ^2/NDF : 153452.1/9

In: 102.928+/-0.052 χ^2/NDF : 67417.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.062+/-0.035 χ^2/NDF : 153452.1/9

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 142.639 $\pm$ 287.358 χ^2 /NDF: 1.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 257.118 $\pm$ 287.606 χ^2 /NDF: 2.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

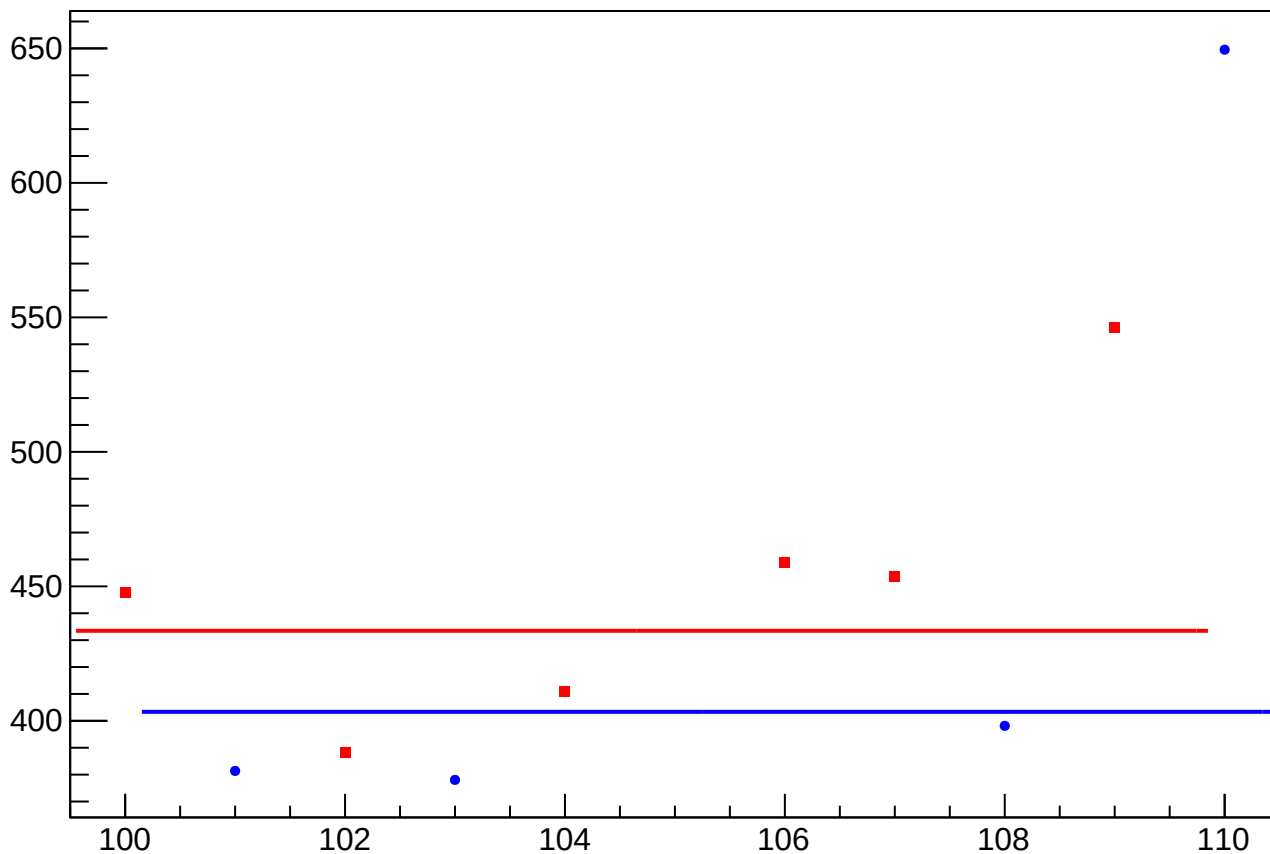
Right: 199.829 $\pm$ 203.280 χ^2 /NDF: 4.6/9

In: 142.639 $\pm$ 287.358 χ^2 /NDF: 1.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 199.829 $\pm$ 203.280 χ^2 /NDF: 4.6/9

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 403.346+/-0.203 χ^2/NDF : 117611.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 433.479+/-0.203 χ^2/NDF : 68643.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

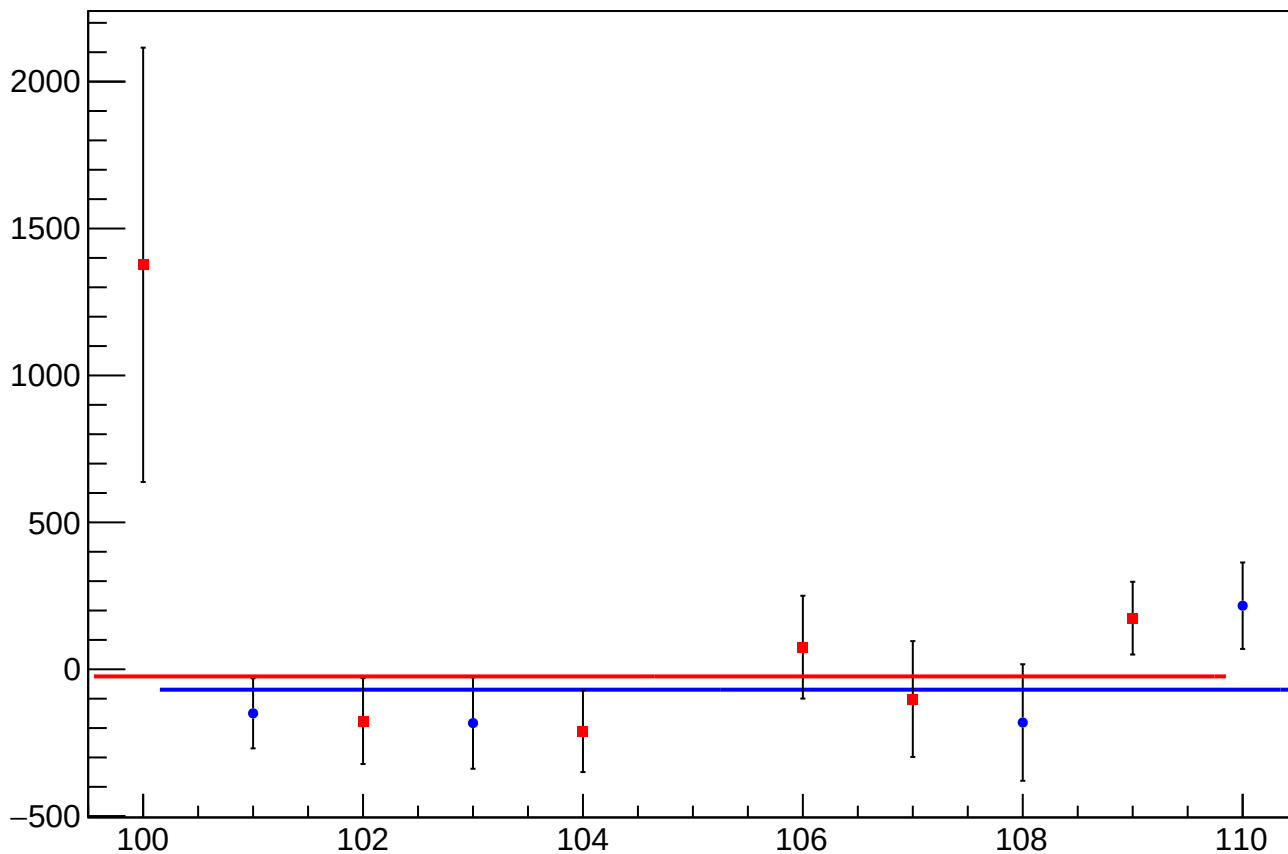
Right: 418.399+/-0.144 χ^2/NDF : 197241.8/9

In: 403.346+/-0.203 χ^2/NDF : 117611.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.399+/-0.144 χ^2/NDF : 197241.8/9

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -69.377+/-73.850 χ^2/NDF : 5.1/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -24.175+/-66.824 χ^2/NDF : 9.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

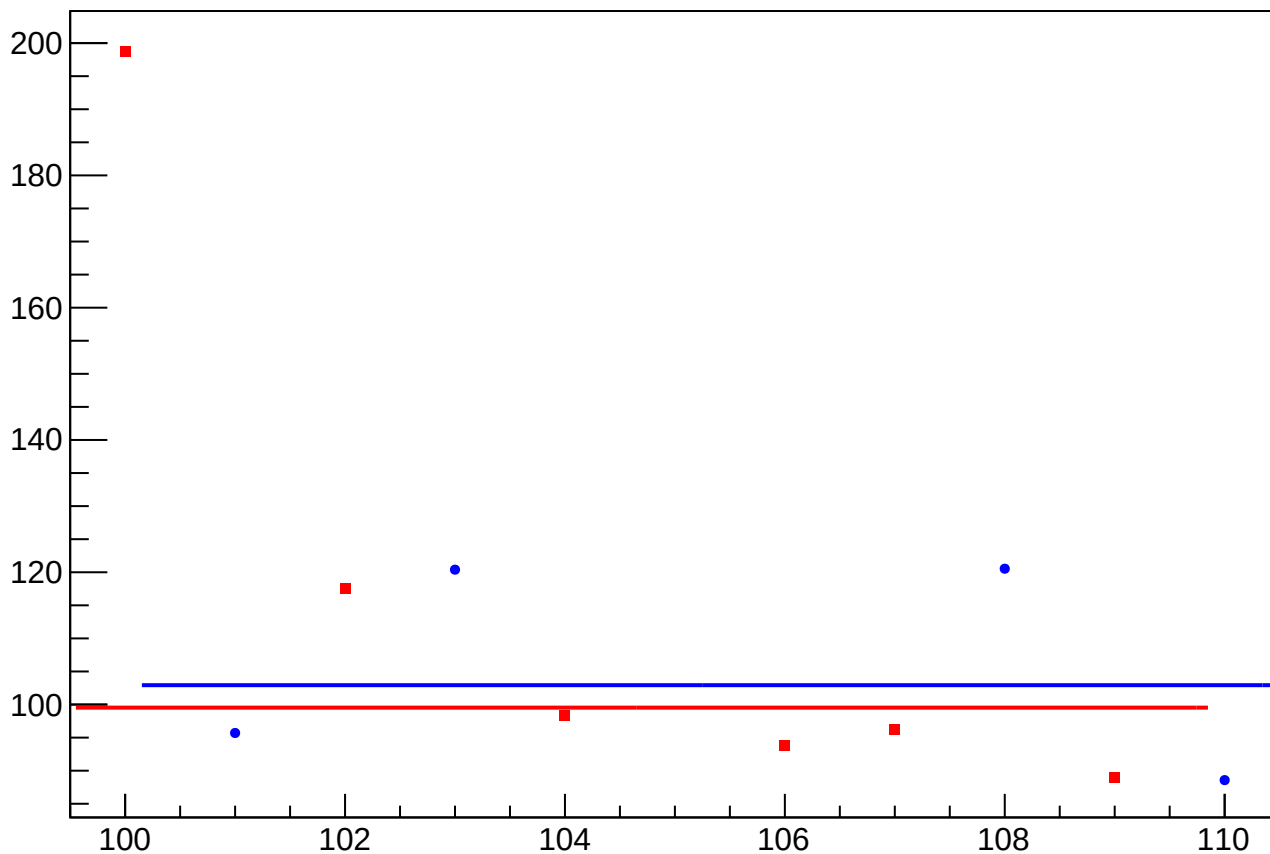
Right: -44.523+/-49.550 χ^2/NDF : 14.8/9

In: -69.377+/-73.850 χ^2/NDF :5.1/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -44.523+/-49.550 χ^2/NDF : 14.8/9

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 102.928+/-0.052 χ^2/NDF : 67419.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.534+/-0.047 χ^2/NDF : 83714.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

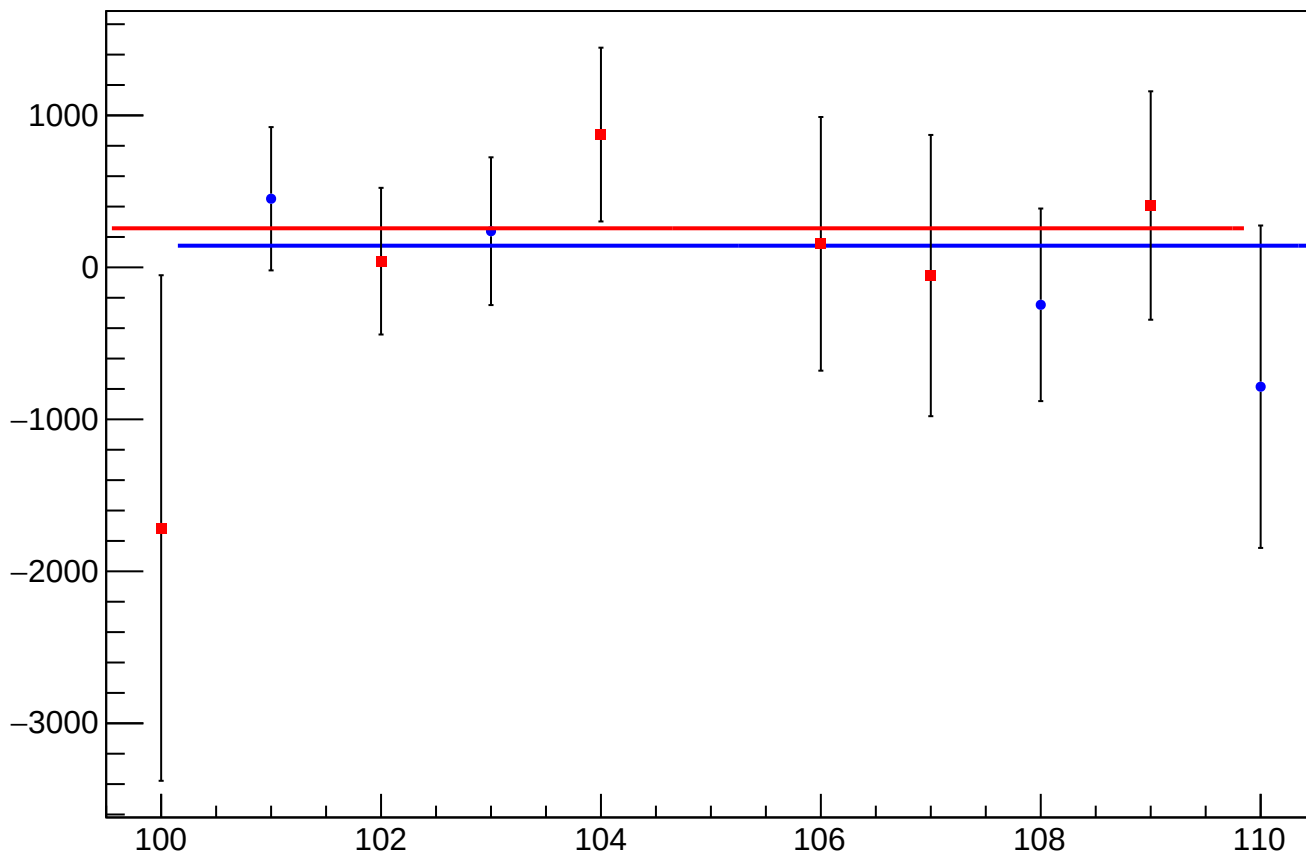
Right: 101.062+/-0.035 χ^2/NDF : 153455.7/9

In: 102.928+/-0.052 χ^2/NDF : 67419.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.062+/-0.035 χ^2/NDF : 153455.7/9

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 142.639 $\pm$ 287.358 χ^2 /NDF: 1.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 257.120 $\pm$ 287.606 χ^2 /NDF: 2.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

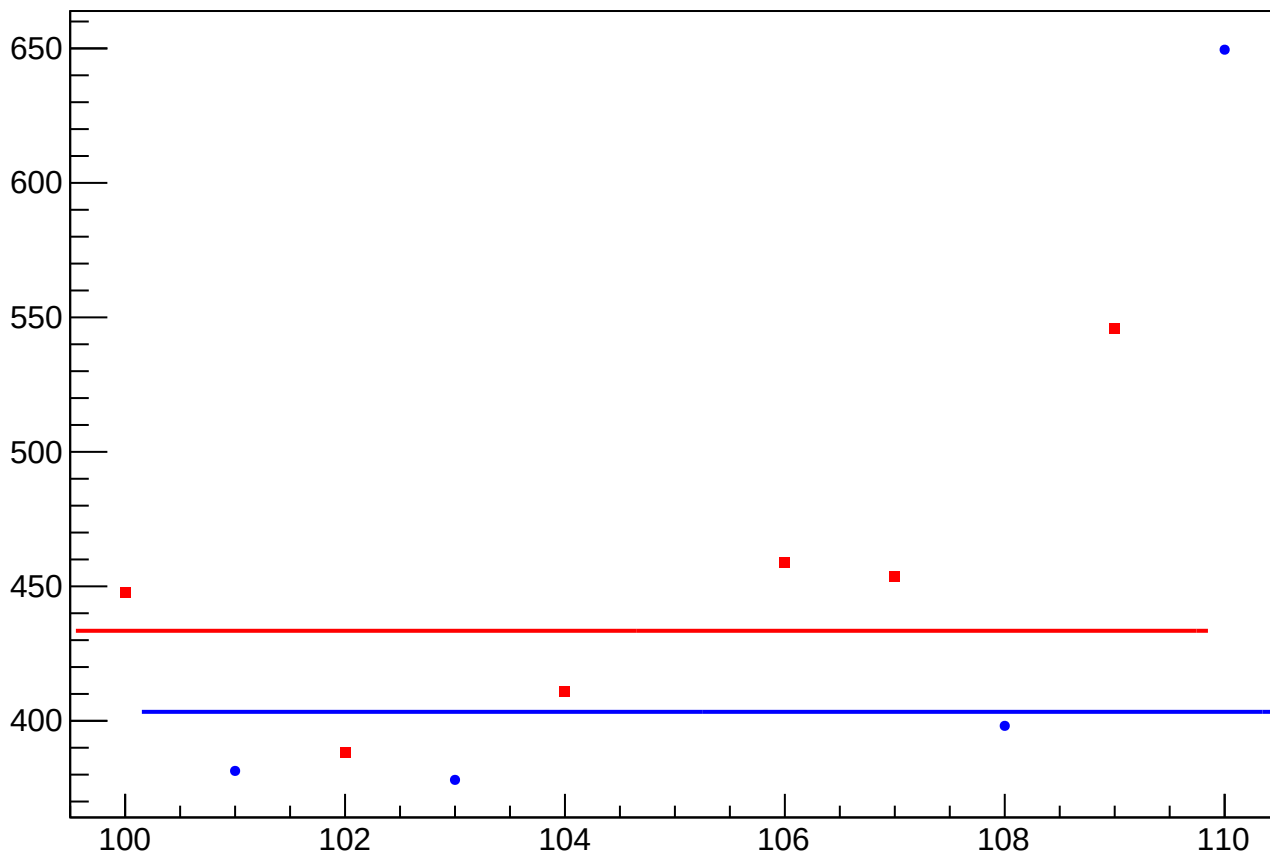
Right: 199.830 $\pm$ 203.280 χ^2 /NDF: 4.6/9

In: 142.639 $\pm$ 287.358 χ^2 /NDF: 1.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 199.830 $\pm$ 203.280 χ^2 /NDF: 4.6/9

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 403.345+/-0.203 χ^2/NDF : 117612.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 433.479+/-0.203 χ^2/NDF : 68642.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

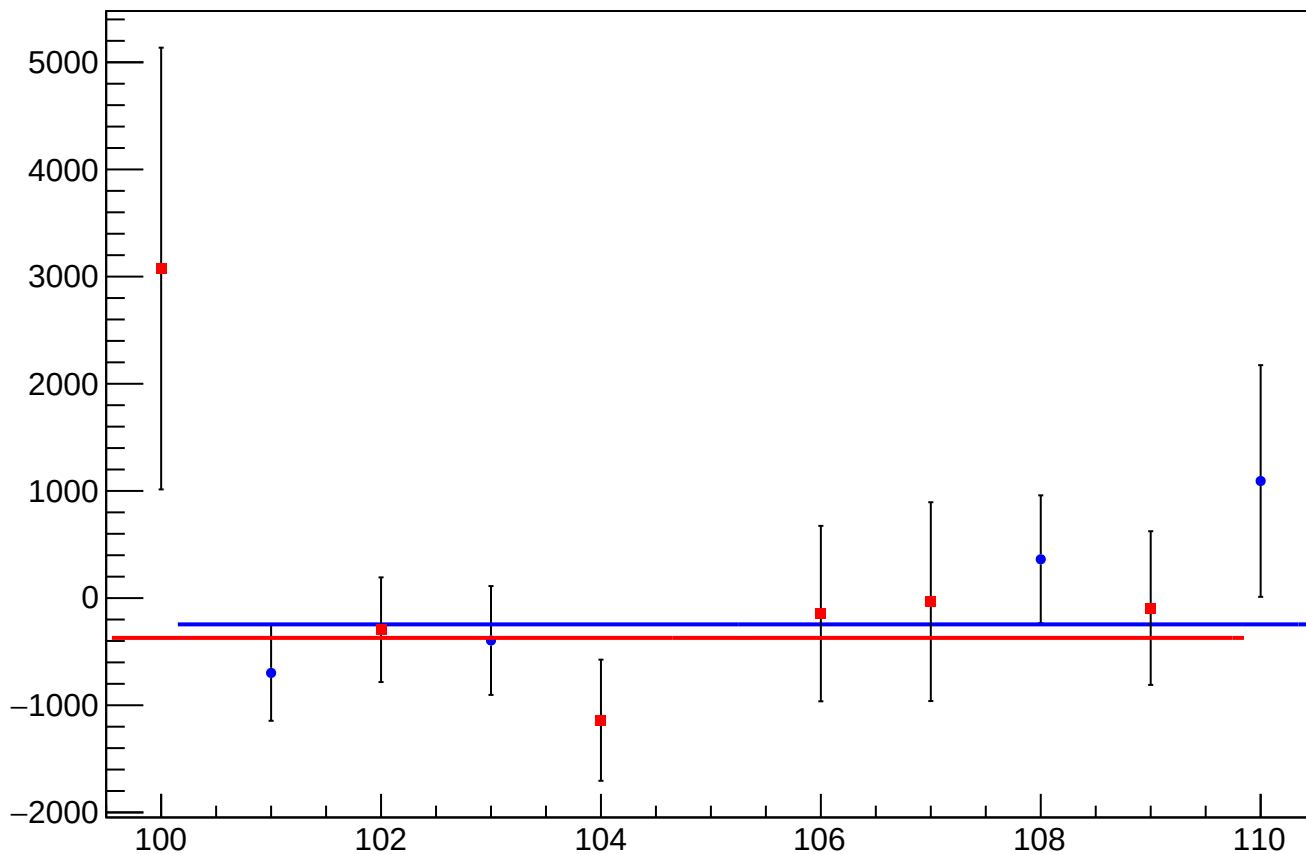
Right: 418.399+/-0.144 χ^2/NDF : 197241.8/9

In: 403.345+/-0.203 χ^2/NDF : 117612.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.399+/-0.144 χ^2/NDF : 197241.8/9

asym_sam6_mean vs Slug, Sign Corrected



Right In: -245.234+/-282.225 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -371.390+/-286.805 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

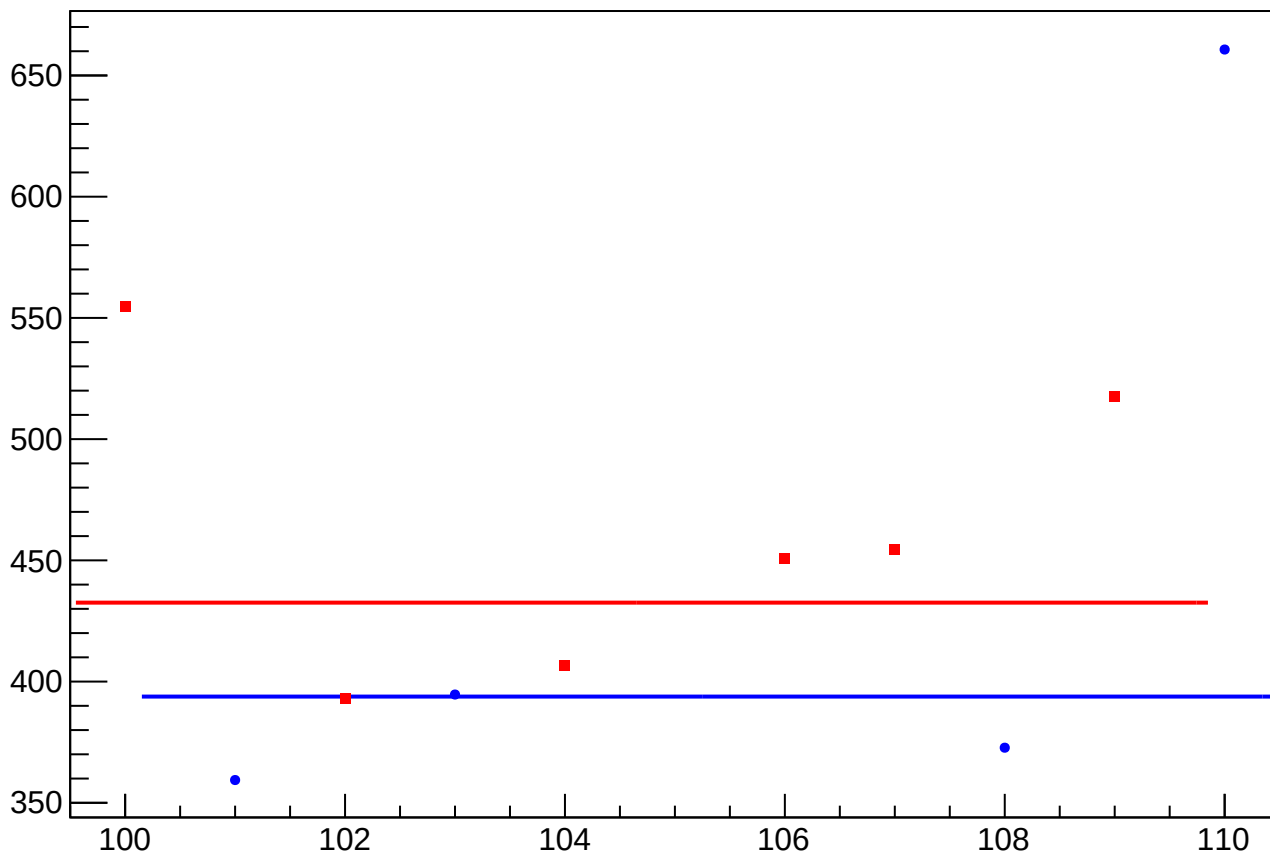
Right: -307.297+/-201.163 χ^2/NDF : 8.8/9

In: -245.234+/-282.225 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -307.297+/-201.163 χ^2/NDF : 8.8/9

asym_sam6_rms vs Slug, Sign Corrected



Right In: 393.815+/-0.200 χ^2/NDF : 136290.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 432.563+/-0.203 χ^2/NDF : 54575.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

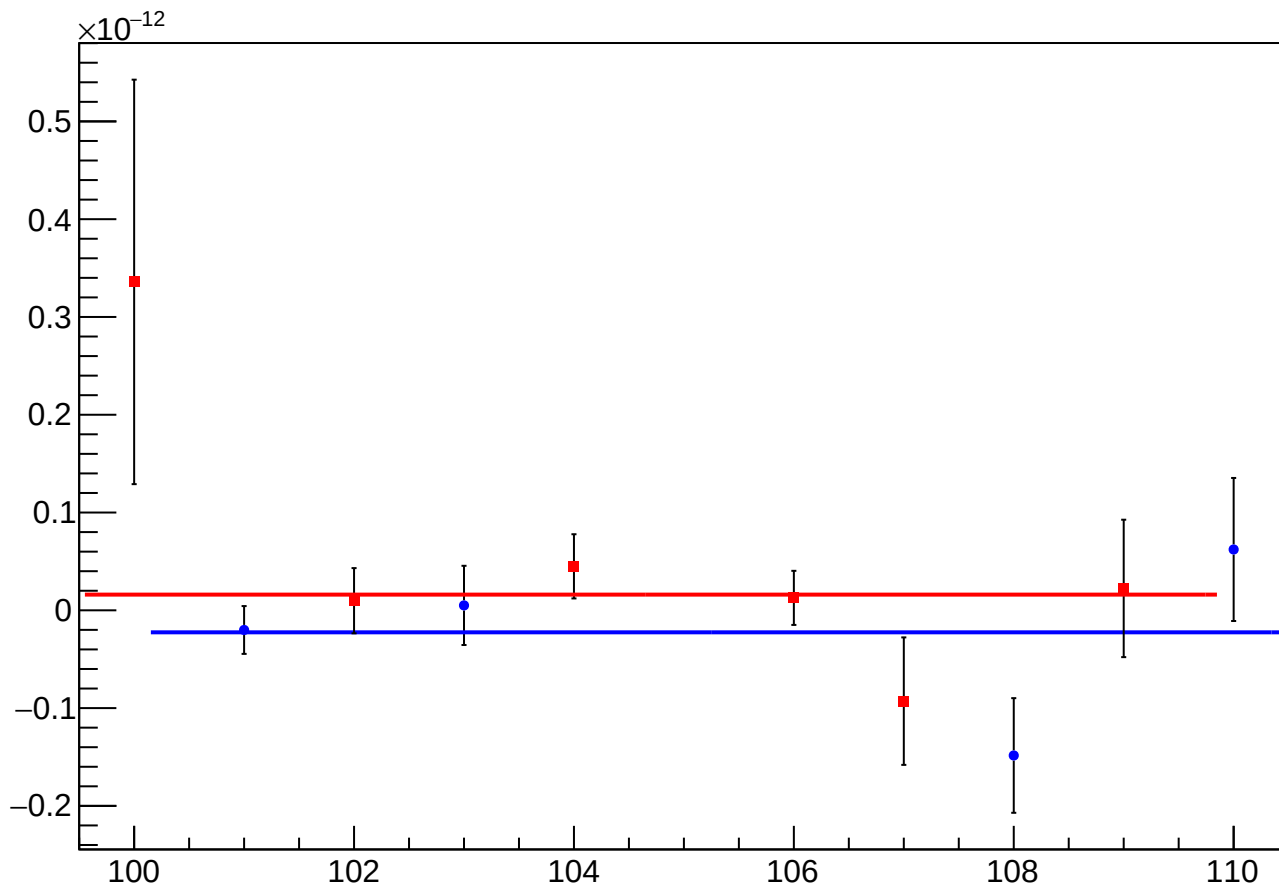
Right: 412.877+/-0.142 χ^2/NDF : 209412.7/9

In: 393.815+/-0.200 χ^2/NDF : 136290.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 412.877+/-0.142 χ^2/NDF : 209412.7/9

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

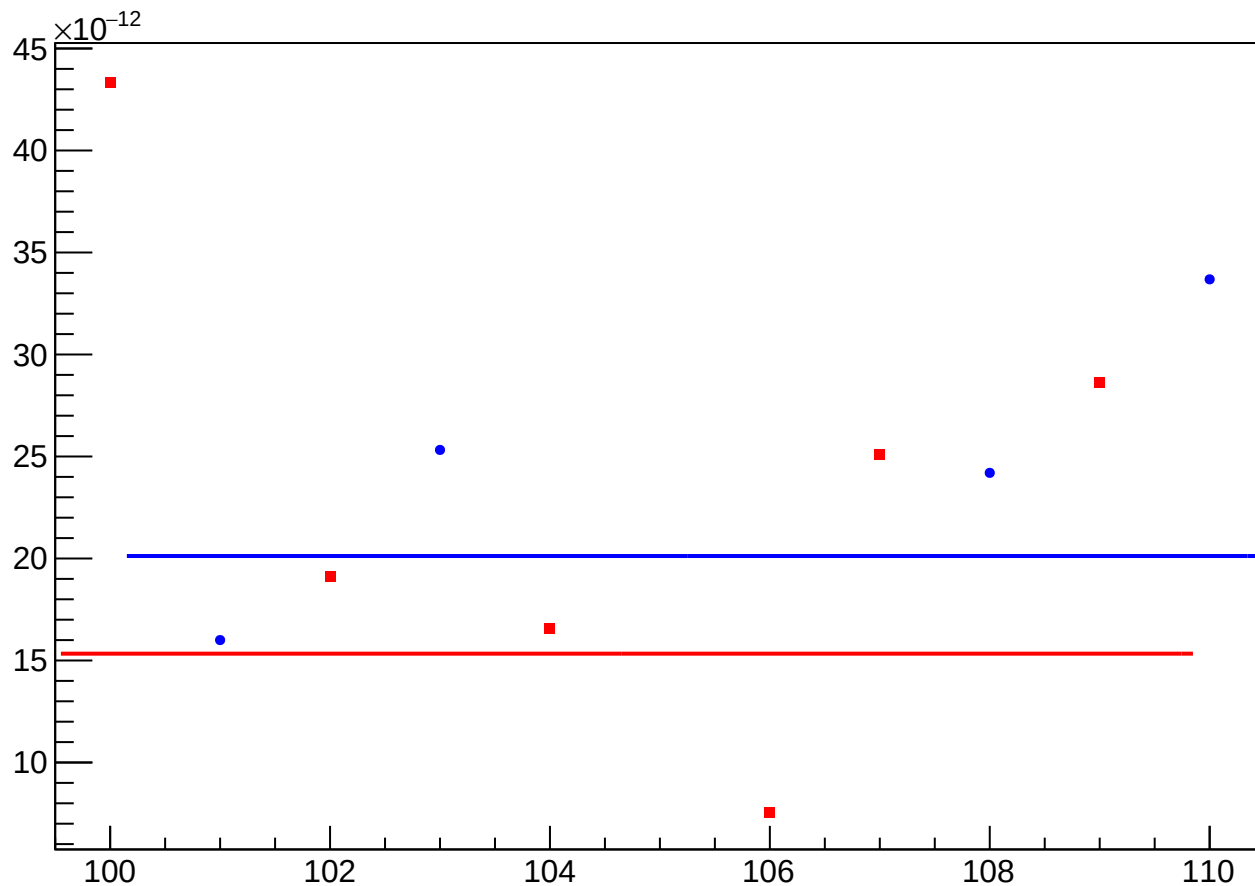
Right: -0.000+/-0.000 χ^2/NDF : 14.8/9

In: -0.000+/-0.000 χ^2/NDF :6.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.8/9

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 168220.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 339348.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

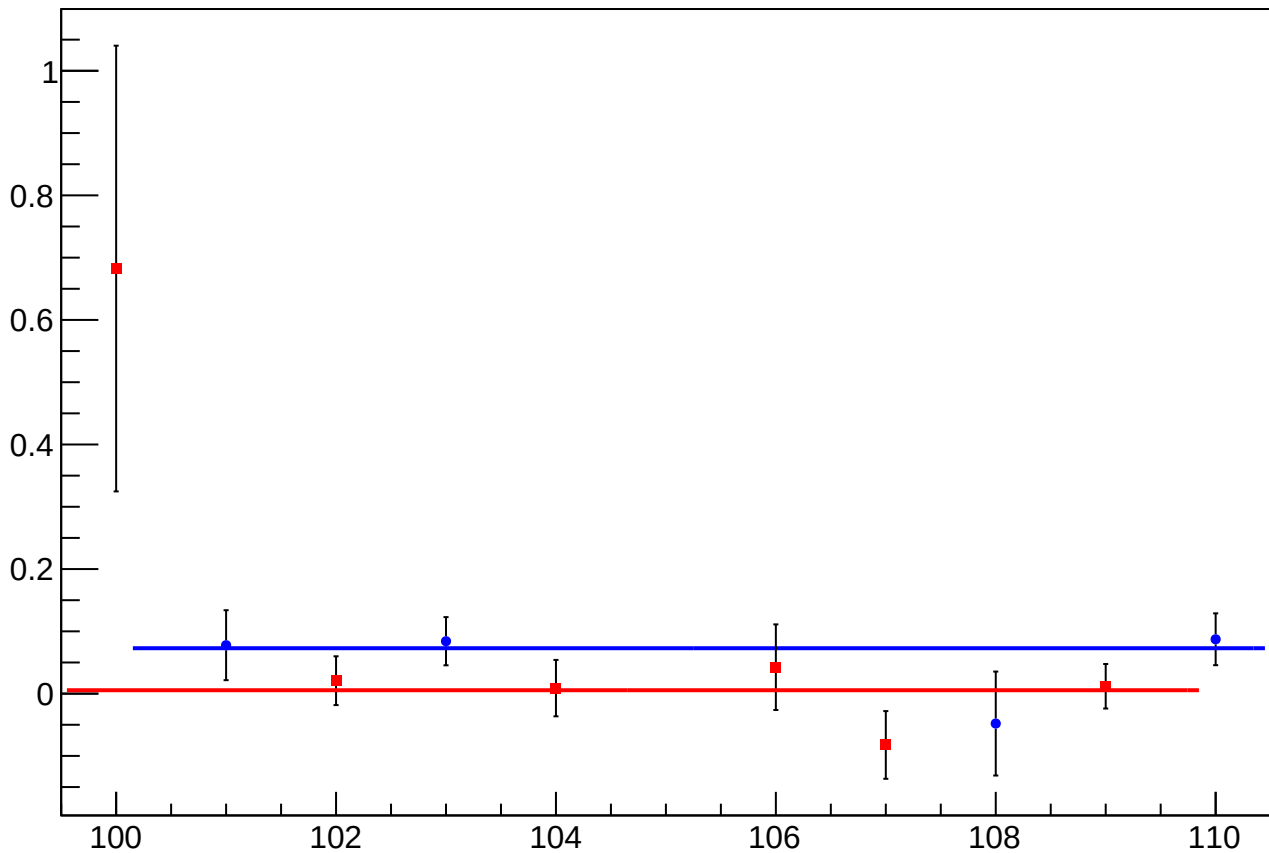
Right: 0.000+/-0.000 χ^2/NDF : 579117.9/9

In: 0.000+/-0.000 χ^2/NDF : 168220.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 579117.9/9

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.073+/-0.024 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.020 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

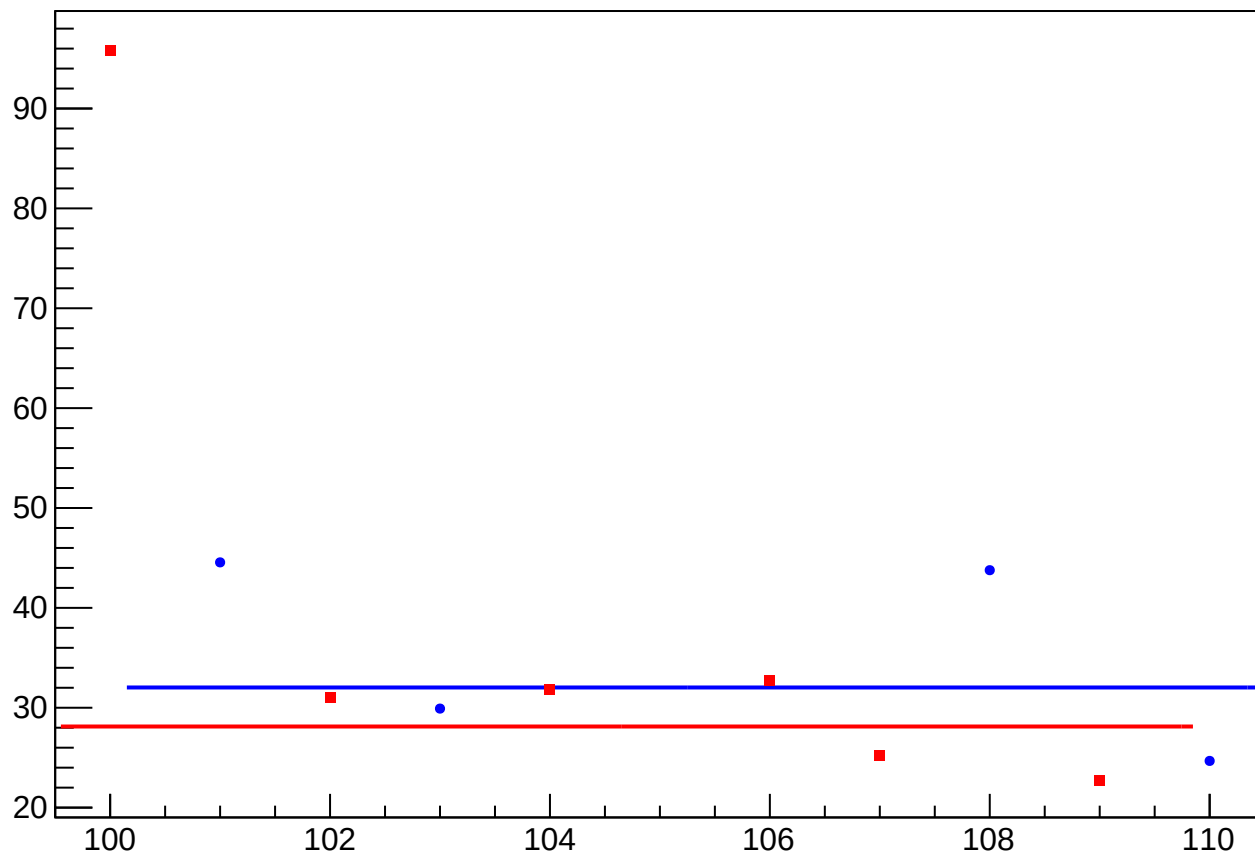
Right: 0.033+/-0.015 χ^2/NDF : 13.6/9

In: 0.073+/-0.024 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.015 χ^2/NDF : 13.6/9

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.029+/-0.017 χ^2/NDF : 207541.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.121+/-0.014 χ^2/NDF : 156683.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

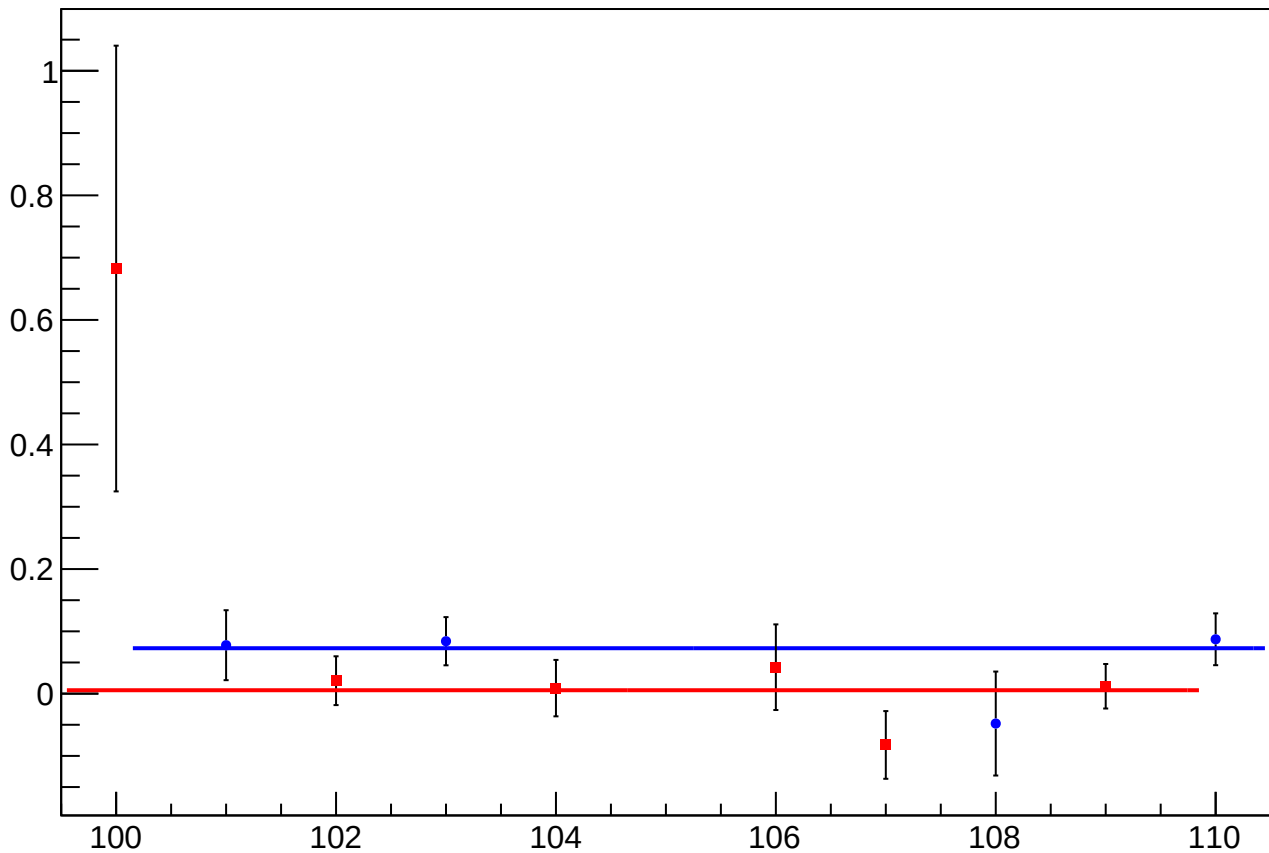
Right: 29.714+/-0.011 χ^2/NDF : 395093.8/9

In: 32.029+/-0.017 χ^2/NDF : 207541.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.714+/-0.011 χ^2/NDF : 395093.8/9

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.073+/-0.024 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.020 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

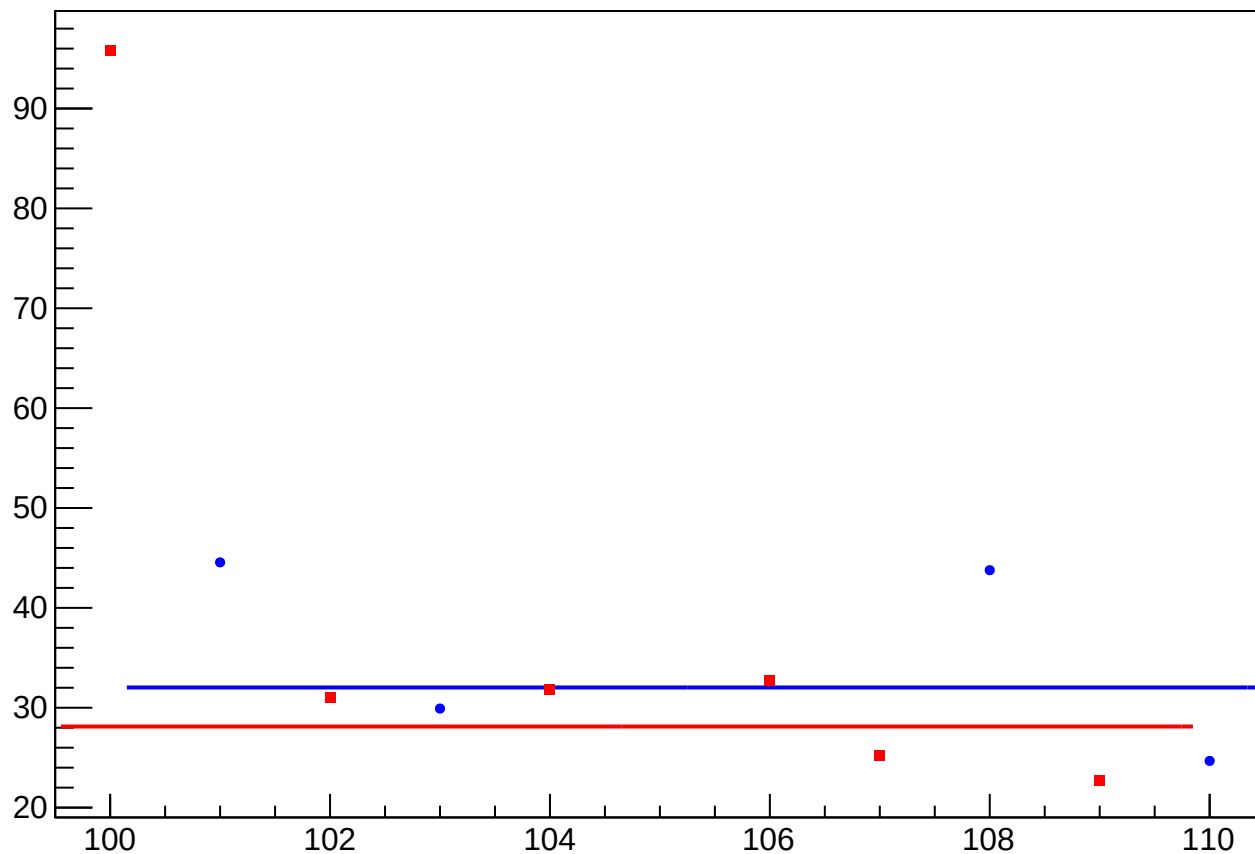
Right: 0.033+/-0.015 χ^2/NDF : 13.6/9

In: 0.073+/-0.024 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.015 χ^2/NDF : 13.6/9

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.029+/-0.017 χ^2/NDF : 207541.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.121+/-0.014 χ^2/NDF : 156683.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

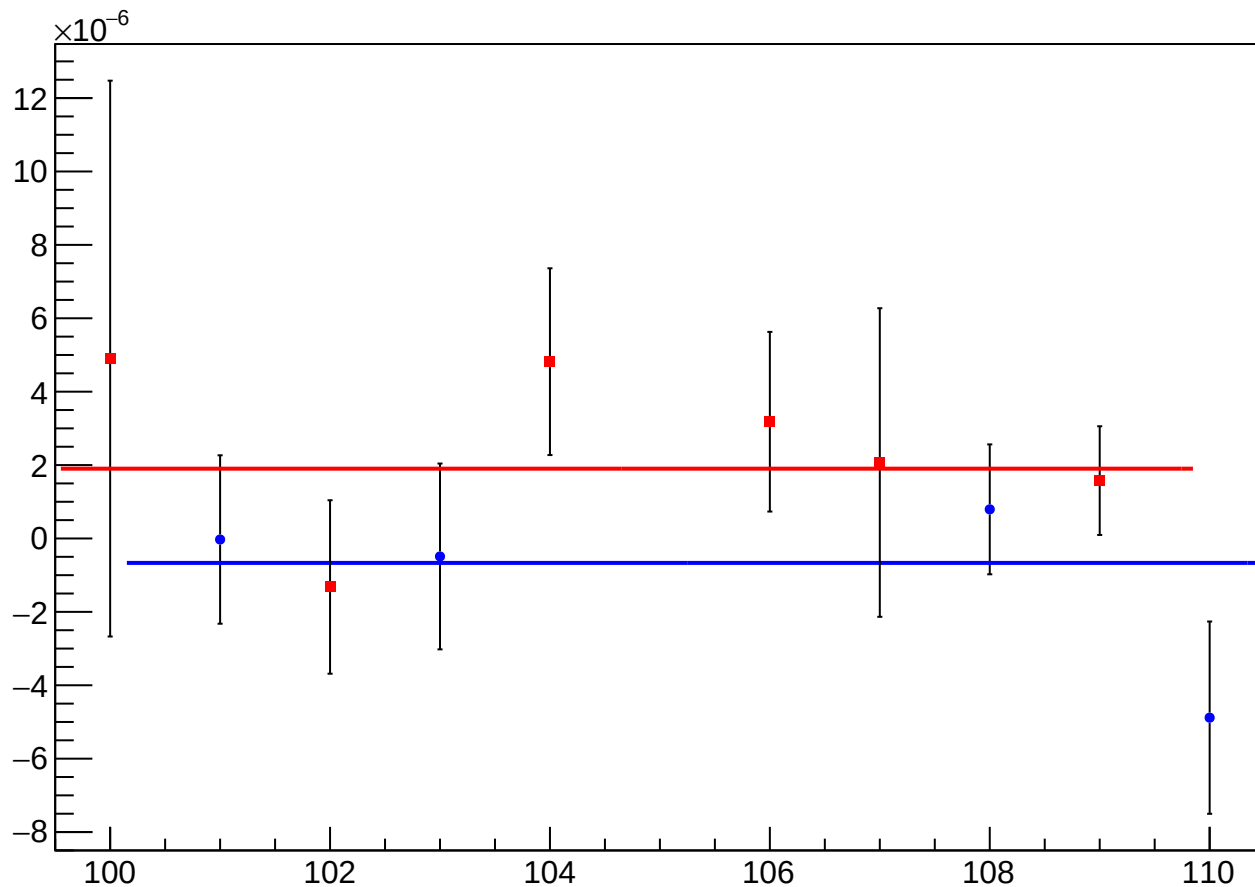
Right: 29.714+/-0.011 χ^2/NDF : 395093.8/9

In: 32.029+/-0.017 χ^2/NDF : 207541.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.714+/-0.011 χ^2/NDF : 395093.8/9

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

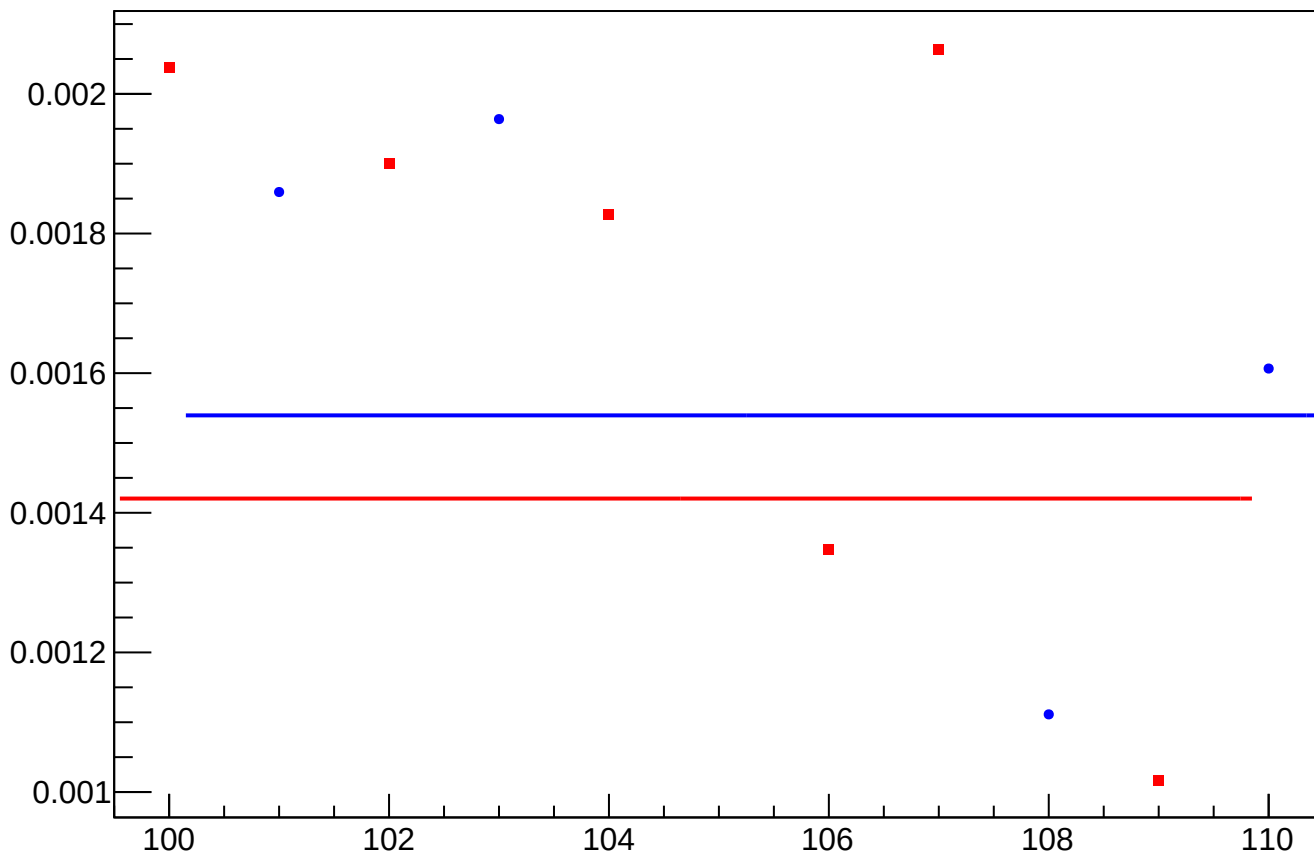
Right: 0.000+/-0.000 χ^2/NDF : 10.0/9

In: -0.000+/-0.000 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.0/9

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 213500.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 343903.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

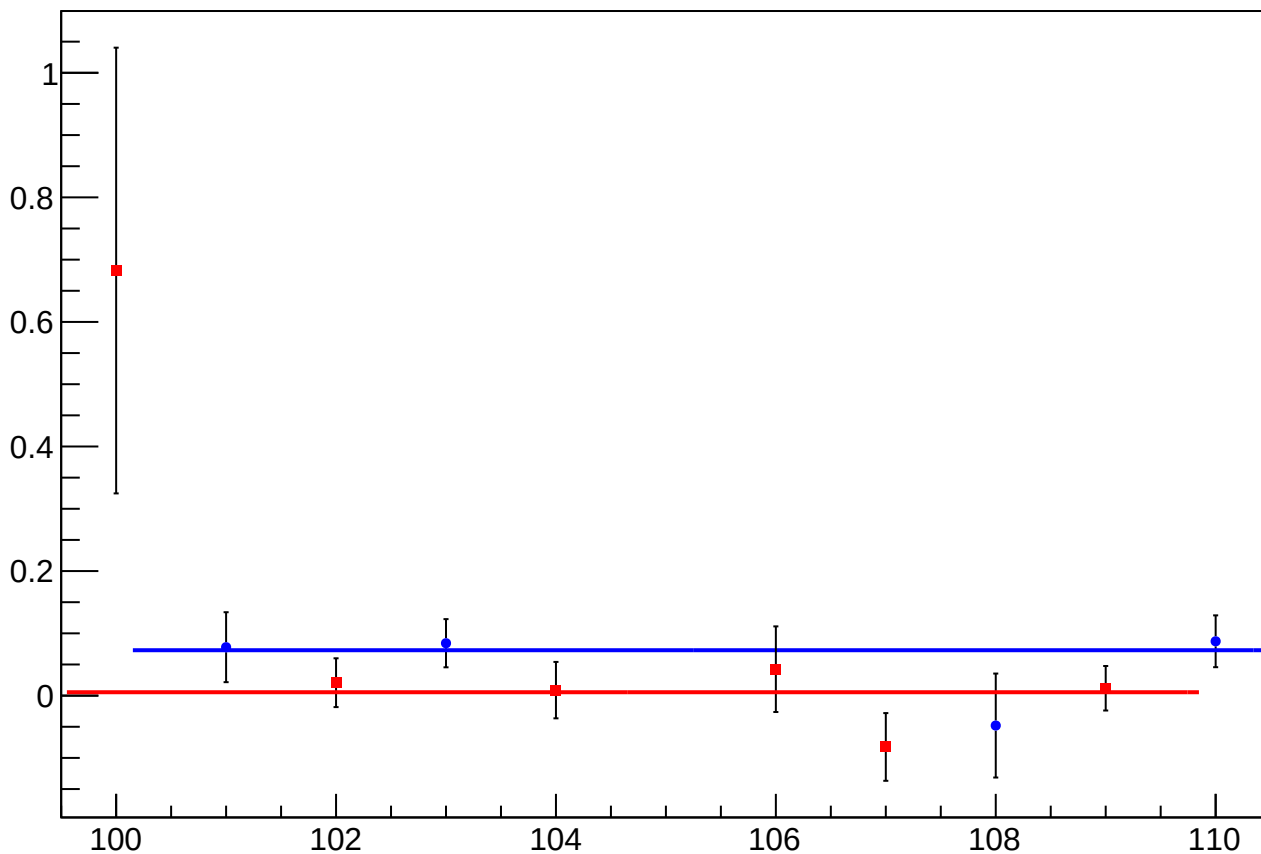
Right: 0.001+/-0.000 χ^2/NDF : 570284.4/9

In: 0.002+/-0.000 χ^2/NDF : 213500.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 570284.4/9

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.073+/-0.024 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.020 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

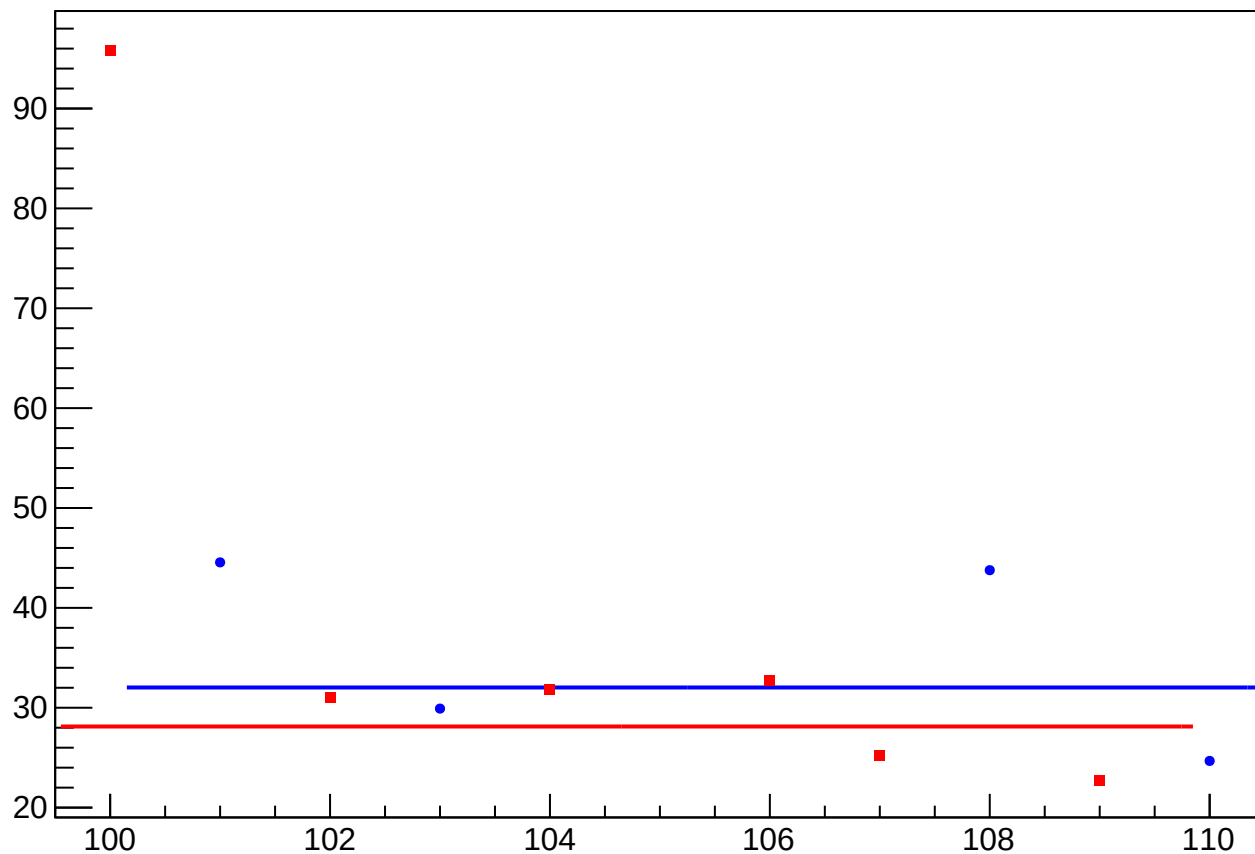
Right: 0.033+/-0.015 χ^2/NDF : 13.6/9

In: 0.073+/-0.024 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.015 χ^2/NDF : 13.6/9

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.028+/-0.017 χ^2/NDF : 207538.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.121+/-0.014 χ^2/NDF : 156688.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

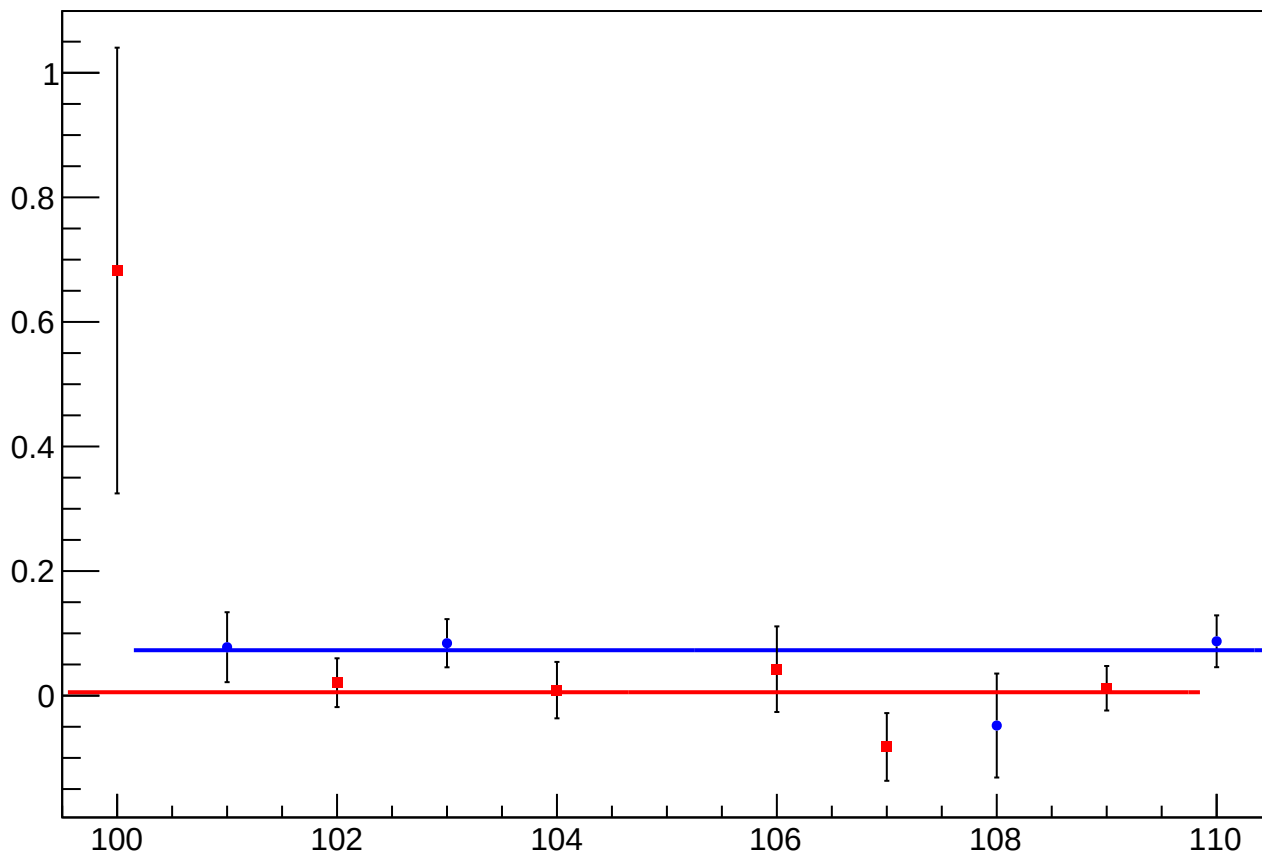
Right: 29.713+/-0.011 χ^2/NDF : 395092.3/9

In: 32.028+/-0.017 χ^2/NDF : 207538.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.713+/-0.011 χ^2/NDF : 395092.3/9

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.073 $\pm$ 0.024 χ^2 /NDF: 2.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.020 χ^2 /NDF: 6.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

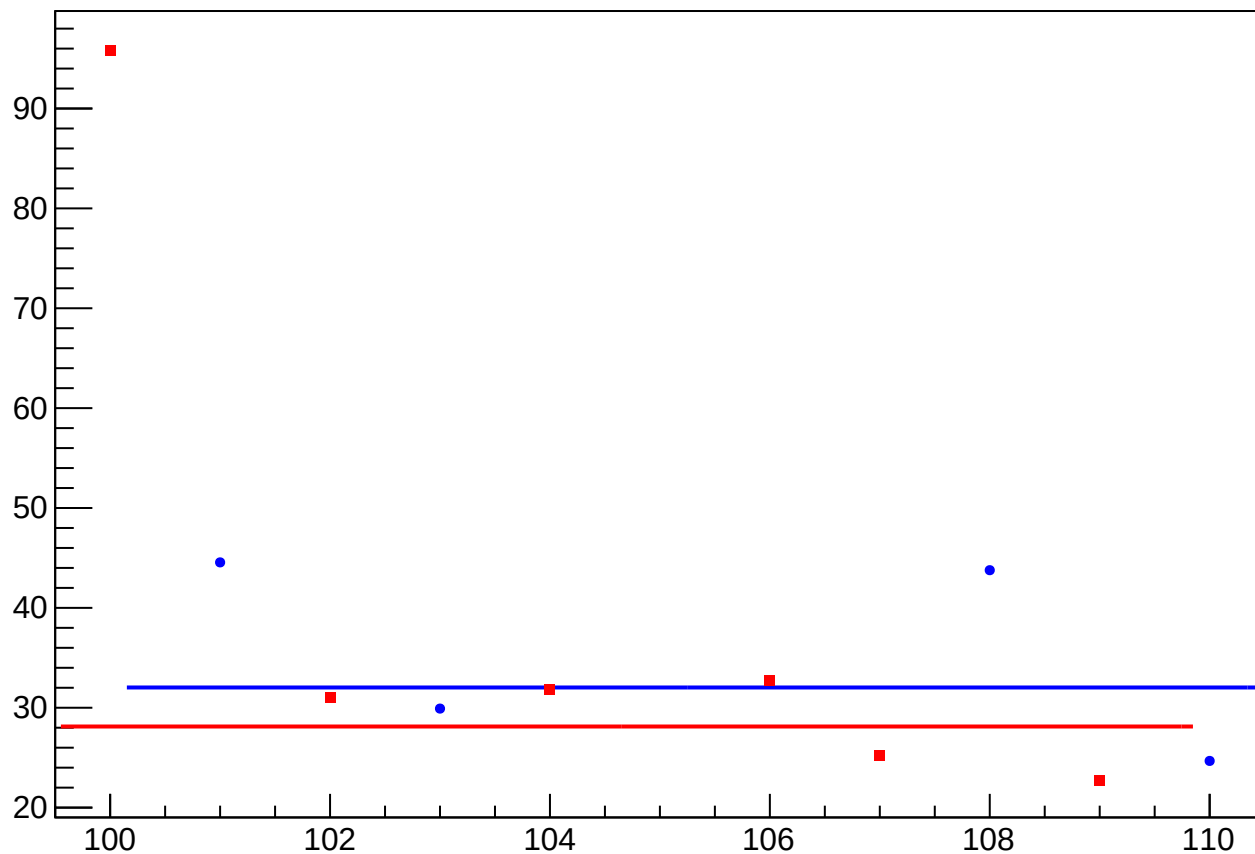
Right: 0.033 $\pm$ 0.015 χ^2 /NDF: 13.6/9

In: 0.073 $\pm$ 0.024 χ^2 /NDF: 2.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.015 χ^2 /NDF: 13.6/9

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.028+/-0.017 χ^2/NDF : 207538.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.121+/-0.014 χ^2/NDF : 156688.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

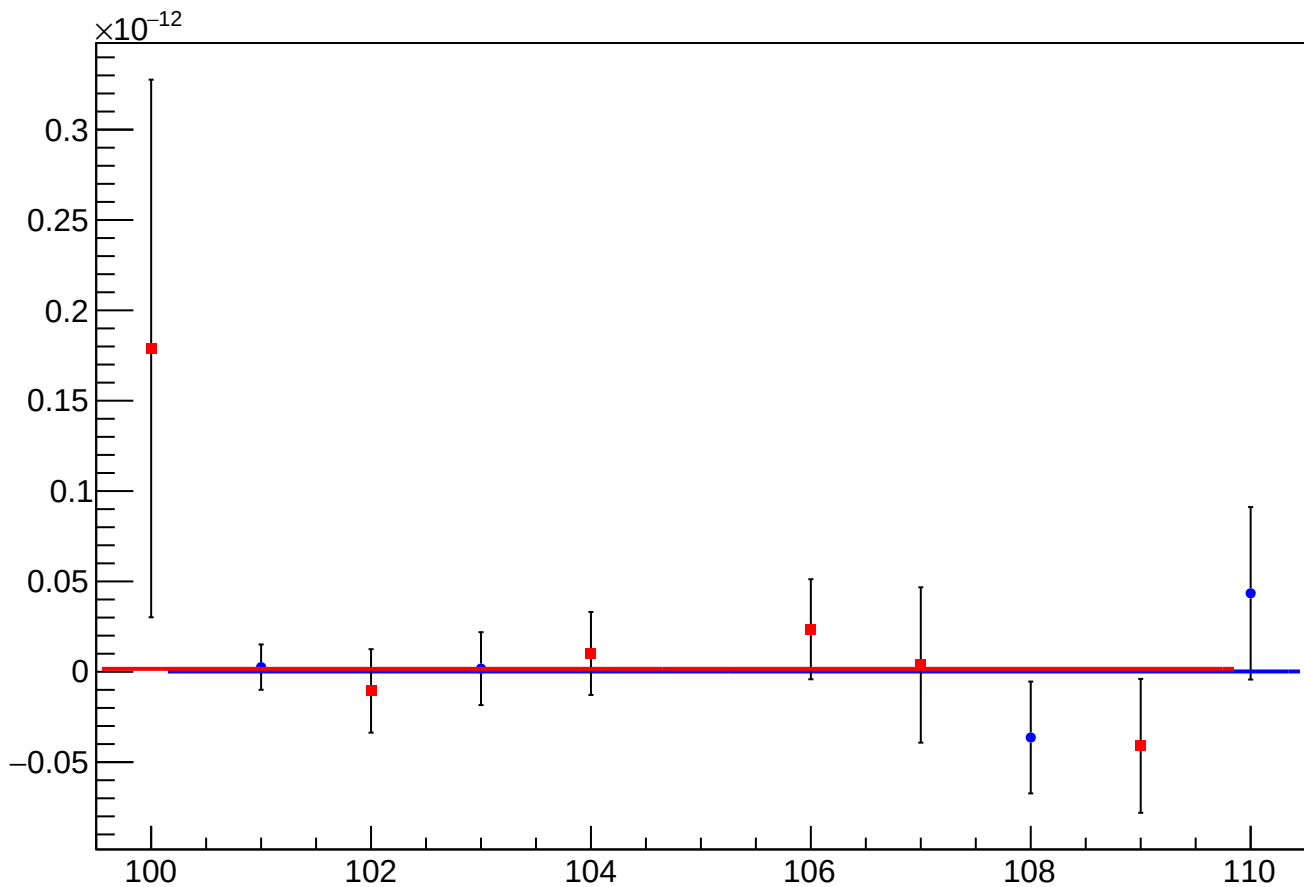
Right: 29.713+/-0.011 χ^2/NDF : 395092.3/9

In: 32.028+/-0.017 χ^2/NDF : 207538.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.713+/-0.011 χ^2/NDF : 395092.3/9

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

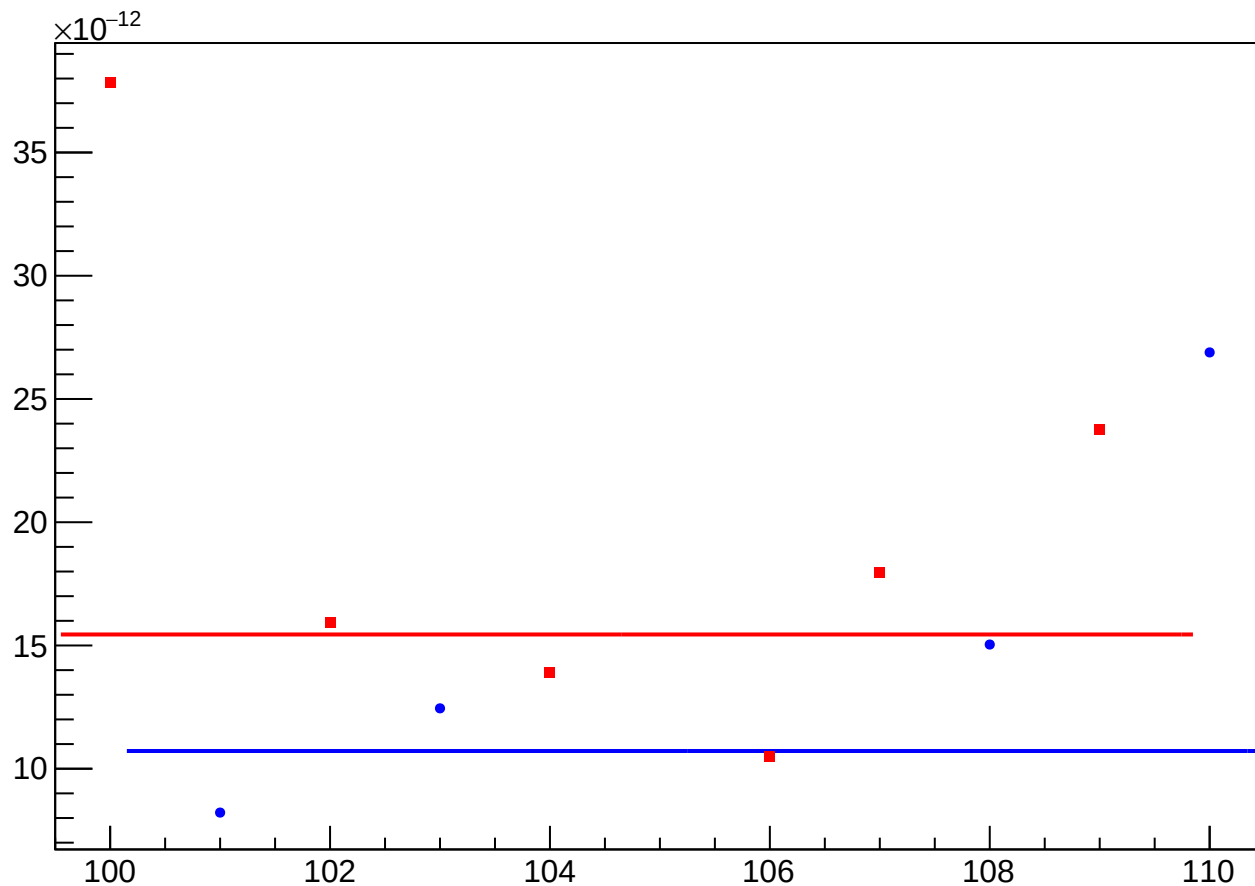
Right: 0.000+/-0.000 χ^2/NDF : 6.1/9

In: 0.000+/-0.000 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.1/9

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 362640.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 226853.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

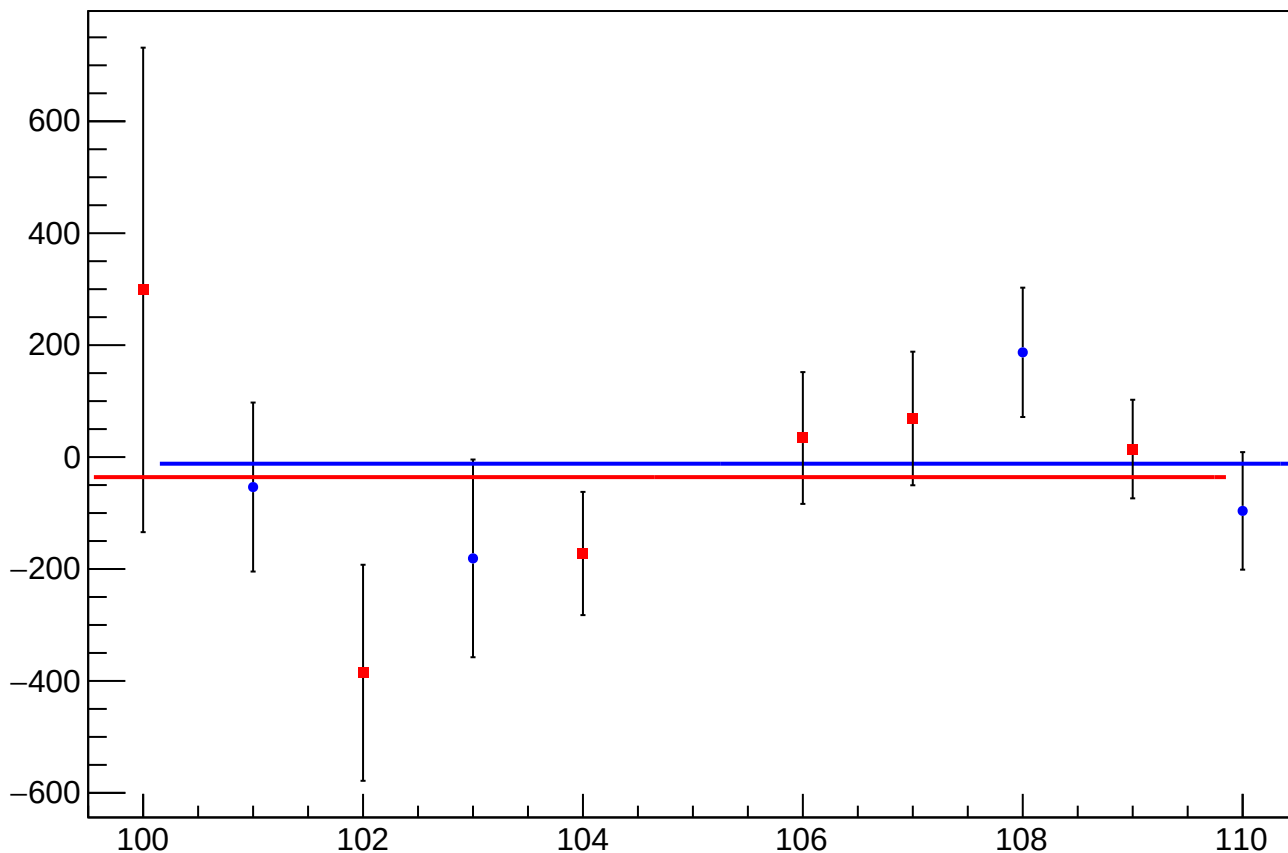
Right: 0.000+/-0.000 χ^2/NDF : 765707.7/9

In: 0.000+/-0.000 χ^2/NDF : 362640.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 765707.7/9

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -11.859+/-64.351 χ^2/NDF : 4.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.819+/-50.902 χ^2/NDF : 6.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

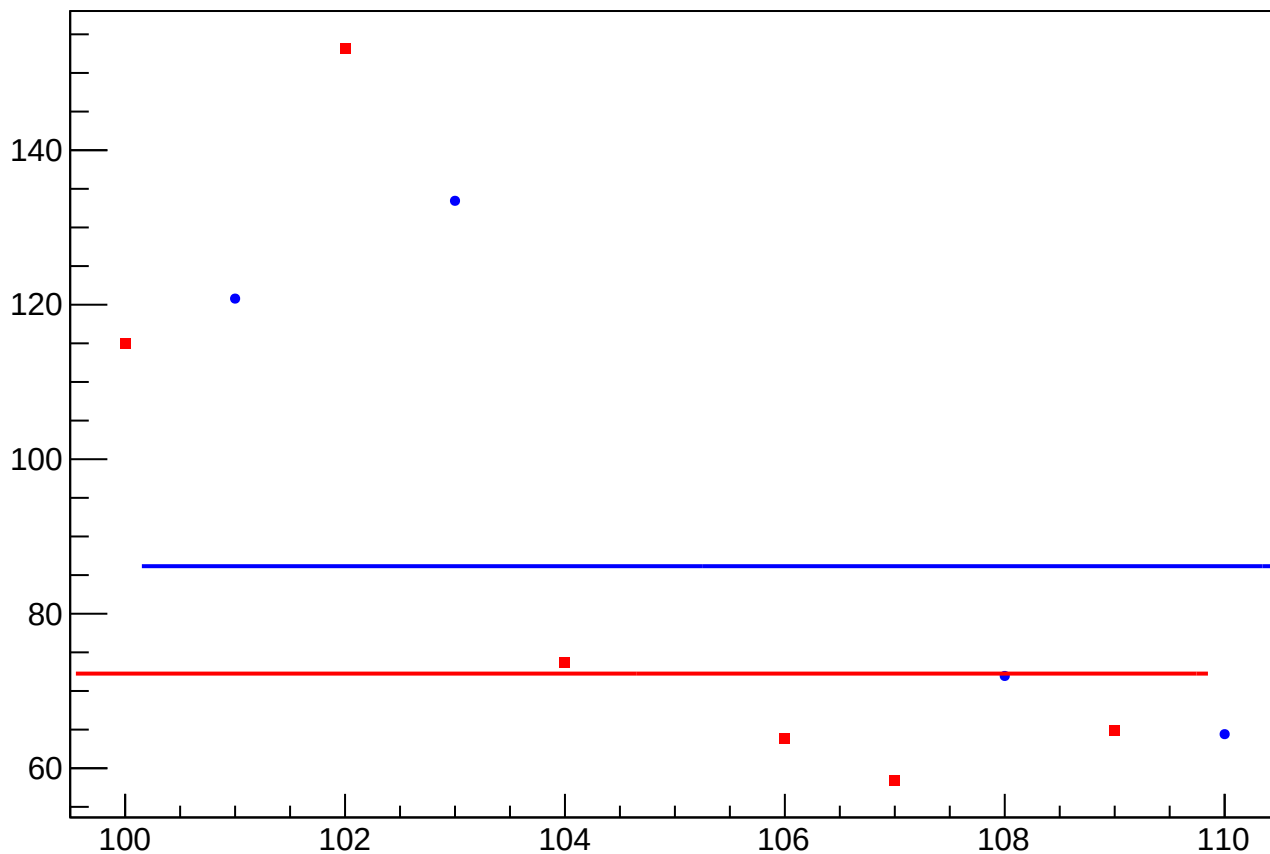
Right: -26.597+/-39.922 χ^2/NDF : 11.6/9

In: -11.859+/-64.351 χ^2/NDF : 4.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.597+/-39.922 χ^2/NDF : 11.6/9

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 86.154+/-0.046 χ^2/NDF : 364634.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.250+/-0.036 χ^2/NDF : 421690.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

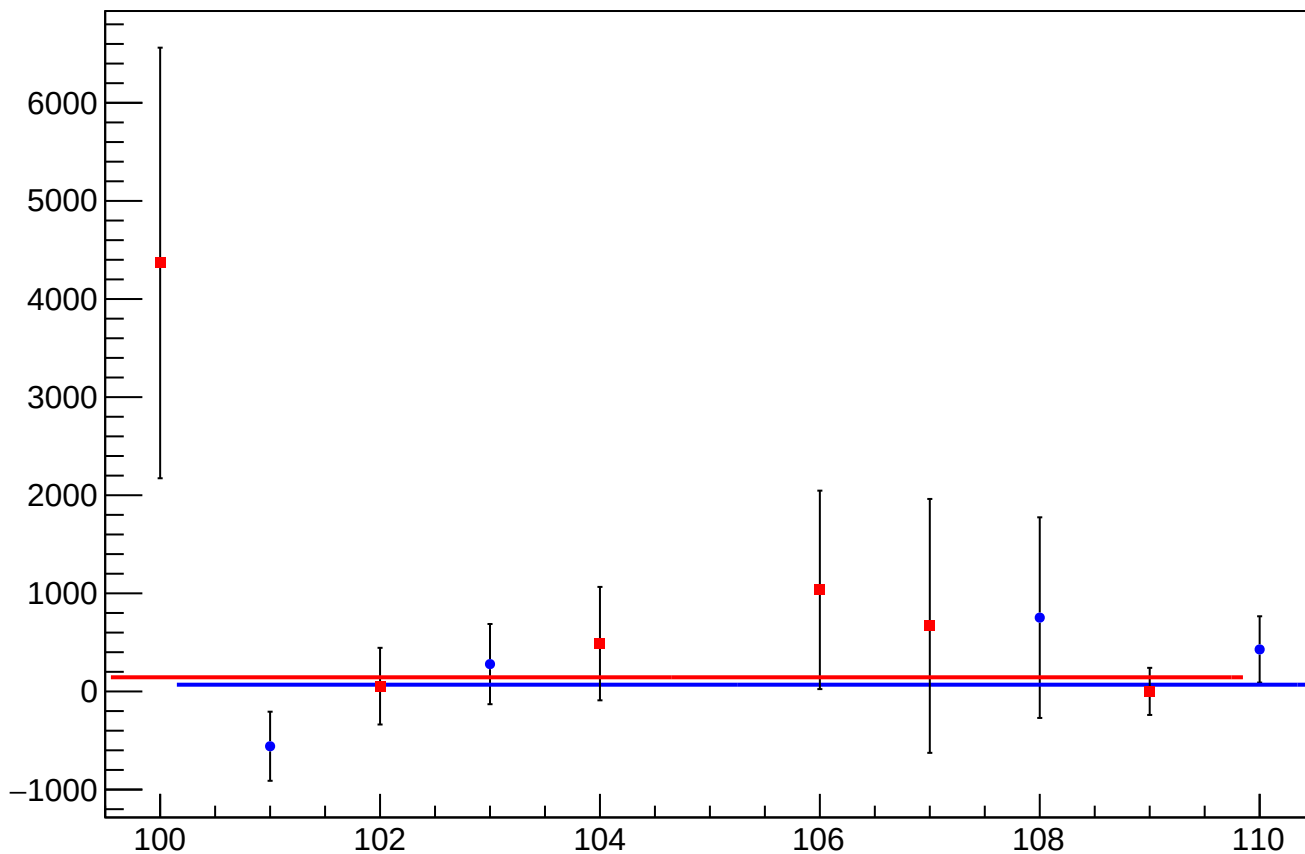
Right: 77.601+/-0.028 χ^2/NDF : 843755.4/9

In: 86.154+/-0.046 χ^2/NDF : 364634.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.601+/-0.028 χ^2/NDF : 843755.4/9

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: 68.818+/-205.145 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.389+/-186.737 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

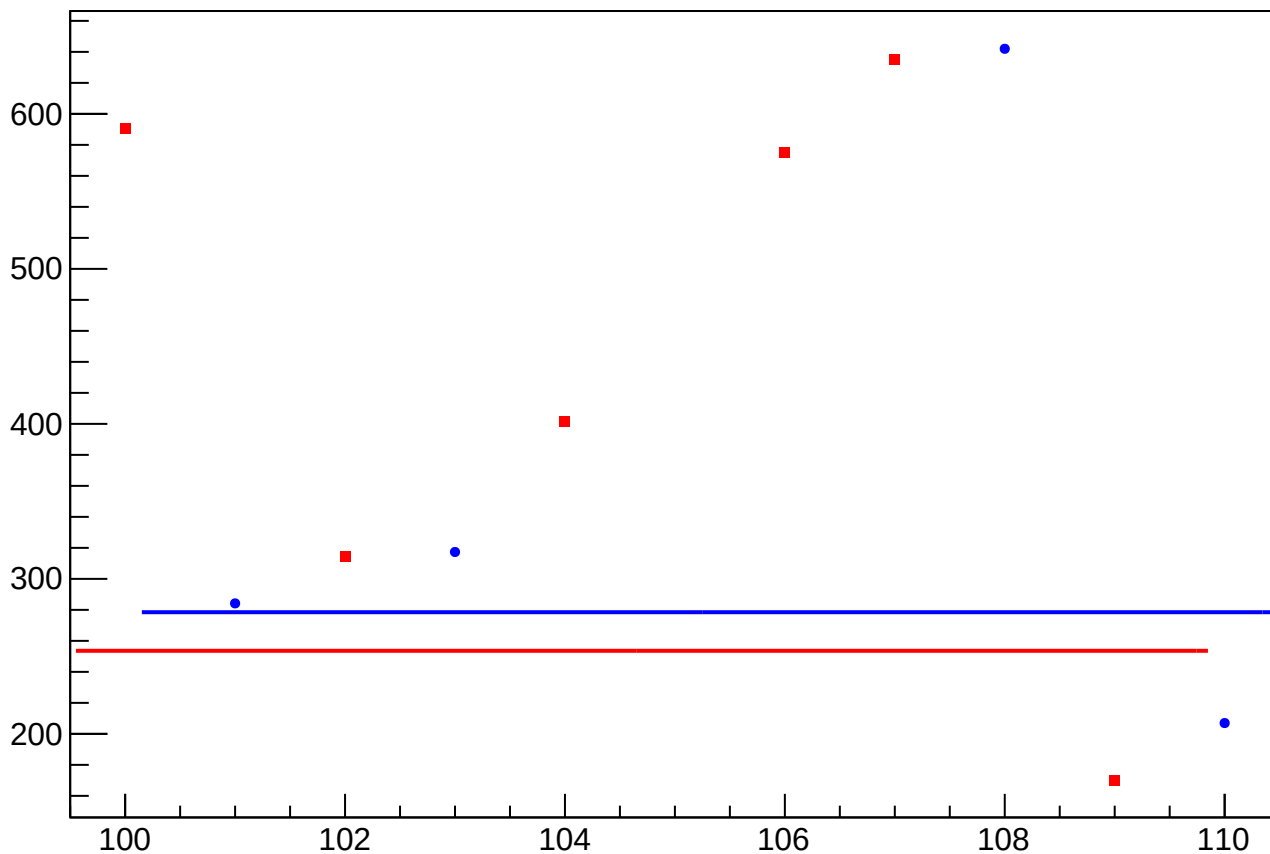
Right: 110.145+/-138.093 χ^2/NDF : 10.5/9

In: 68.818+/-205.145 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.145+/-138.093 χ^2/NDF : 10.5/9

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 278.488+/-0.145 χ^2/NDF : 360892.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 253.591+/-0.132 χ^2/NDF : 845230.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

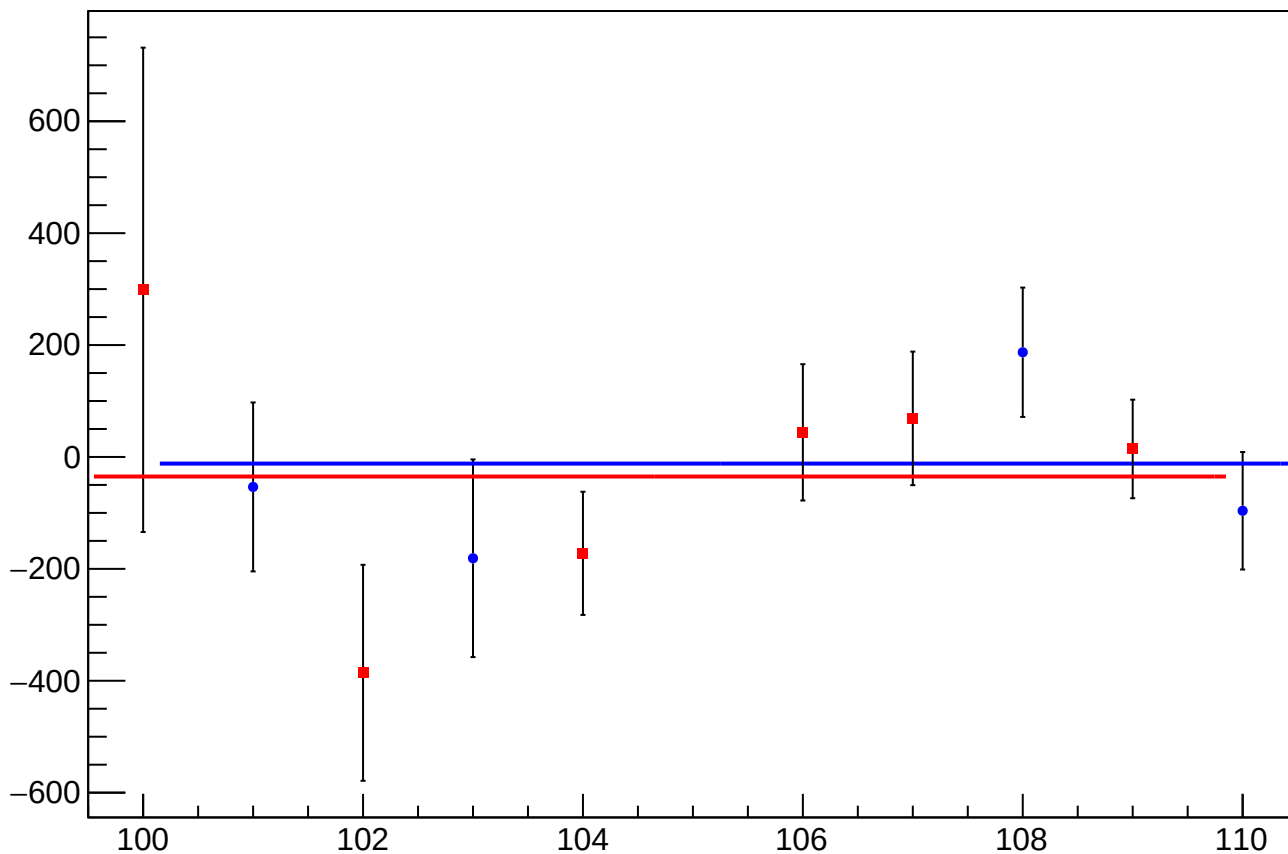
Right: 264.872+/-0.098 χ^2/NDF : 1222232.5/9

In: 278.488+/-0.145 χ^2/NDF : 360892.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.872+/-0.098 χ^2/NDF : 1222232.5/9

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -11.862 ± 64.351 χ^2/NDF : 4.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.954 ± 51.217 χ^2/NDF : 6.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

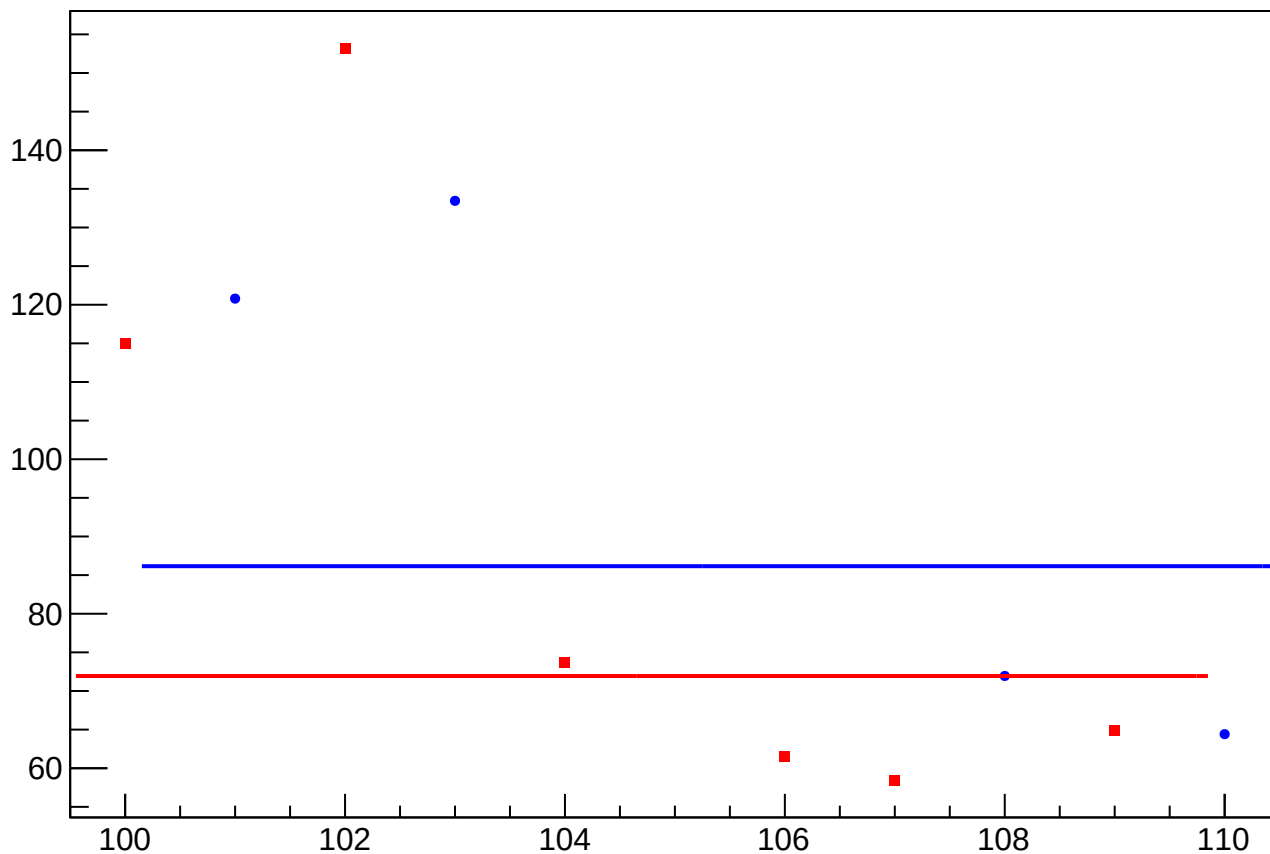
Right: -25.999 ± 40.074 χ^2/NDF : 11.6/9

In: -11.862 ± 64.351 χ^2/NDF : 4.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.999 ± 40.074 χ^2/NDF : 11.6/9

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 86.154+/-0.046 χ^2/NDF : 364635.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.936+/-0.036 χ^2/NDF : 427038.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

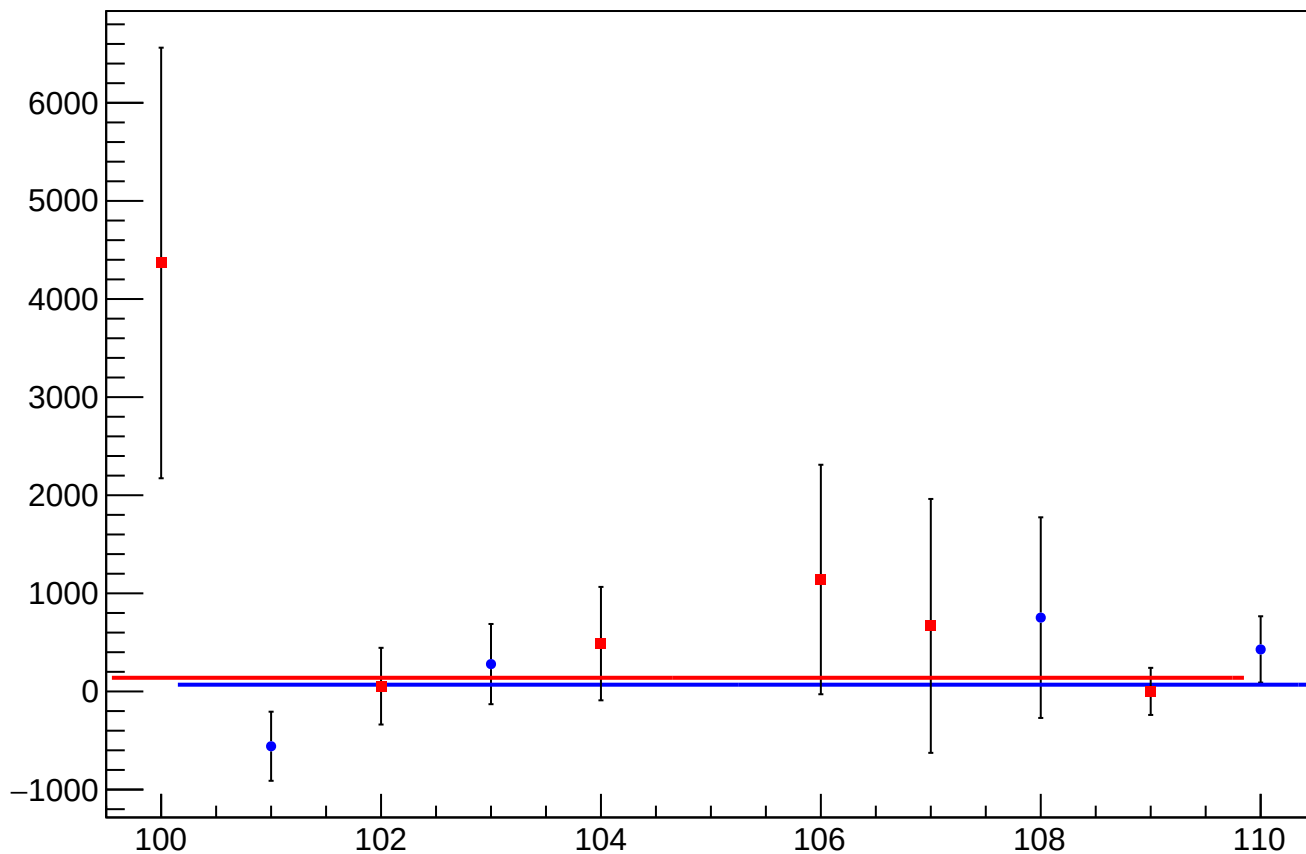
Right: 77.450+/-0.028 χ^2/NDF : 851439.1/9

In: 86.154+/-0.046 χ^2/NDF : 364635.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.450+/-0.028 χ^2/NDF : 851439.1/9

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: 68.844+/-205.148 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.366+/-187.566 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

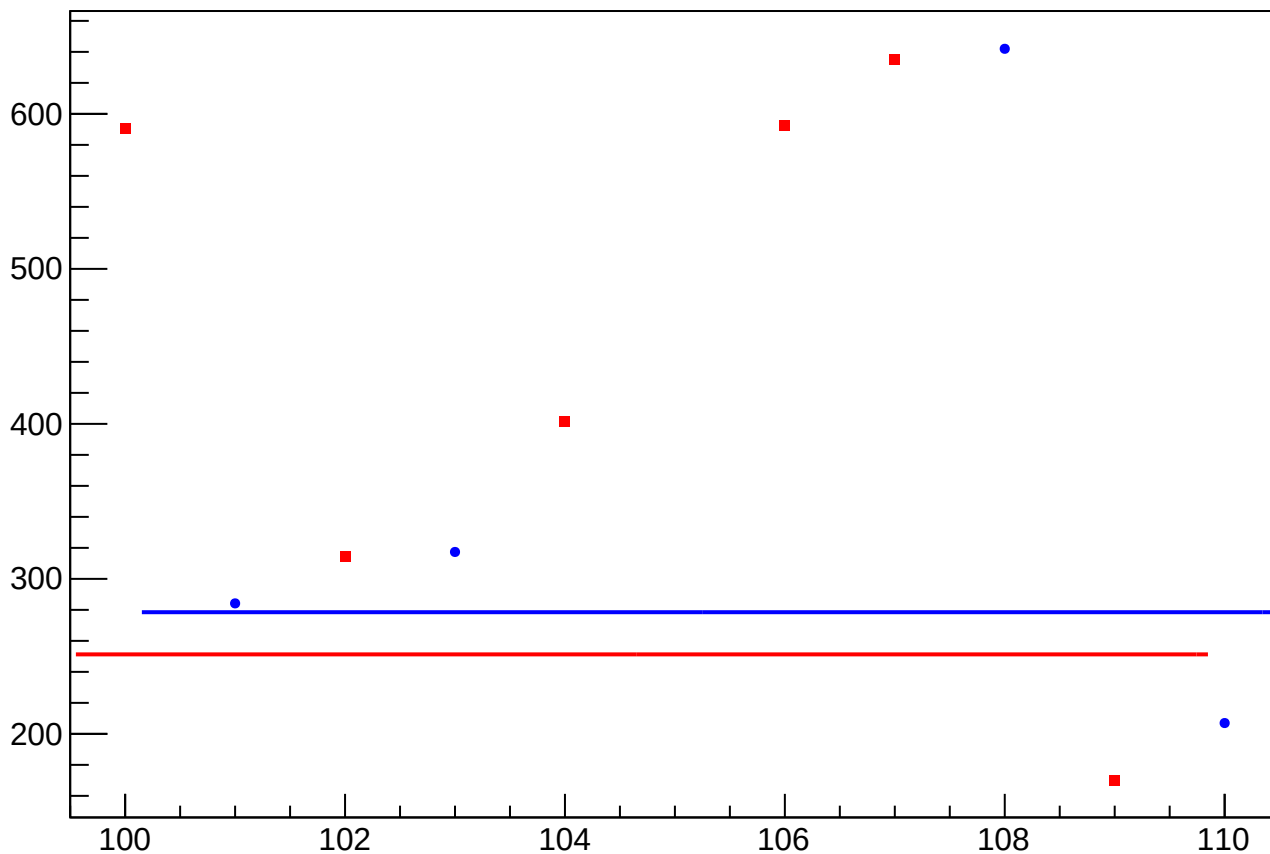
Right: 107.256+/-138.428 χ^2/NDF : 10.4/9

In: 68.844+/-205.148 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.256+/-138.428 χ^2/NDF : 10.4/9

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 278.492+/-0.145 χ^2/NDF : 360909.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 251.283+/-0.133 χ^2/NDF : 811418.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

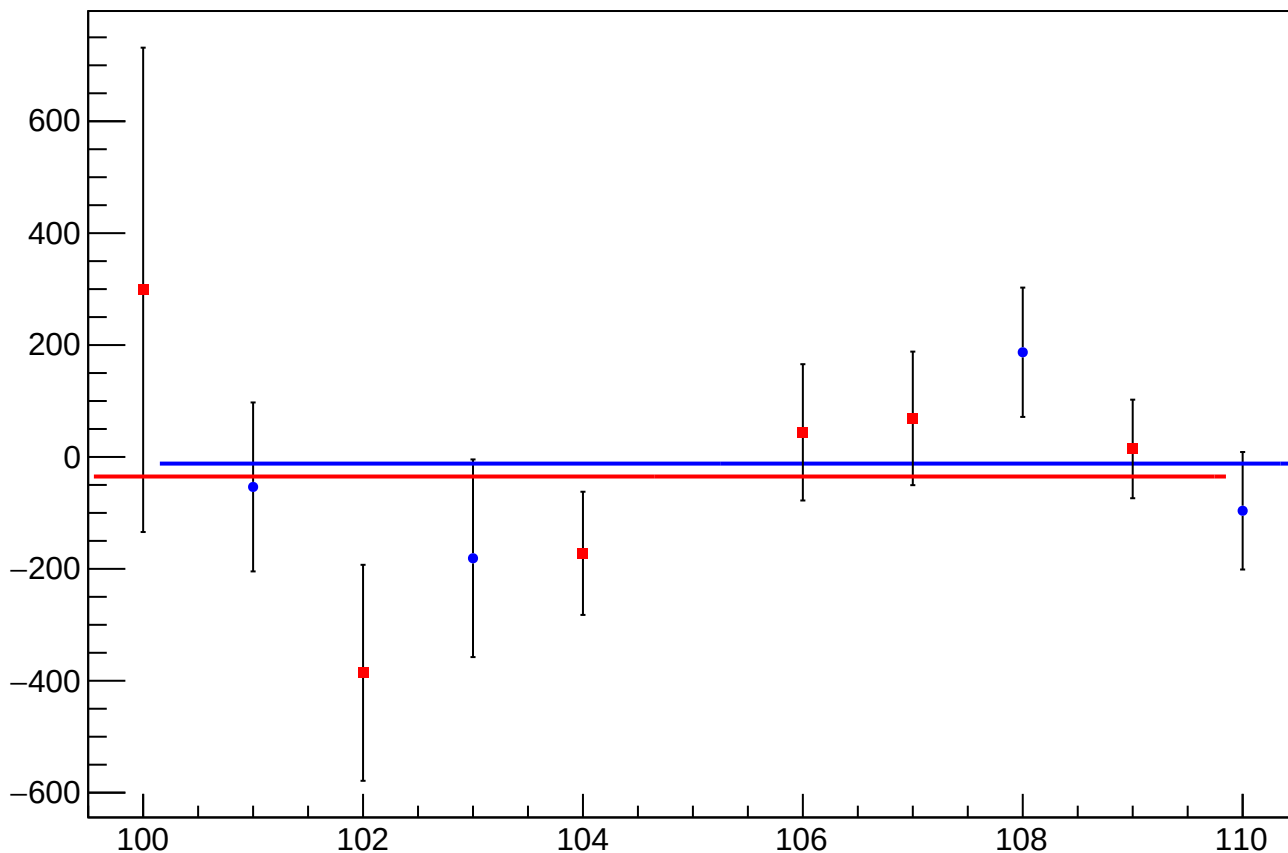
Right: 263.671+/-0.098 χ^2/NDF : 1191491.0/9

In: 278.492+/-0.145 χ^2/NDF : 360909.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.671+/-0.098 χ^2/NDF : 1191491.0/9

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -11.862 ± 64.351 χ^2/NDF : 4.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.954 ± 51.217 χ^2/NDF : 6.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

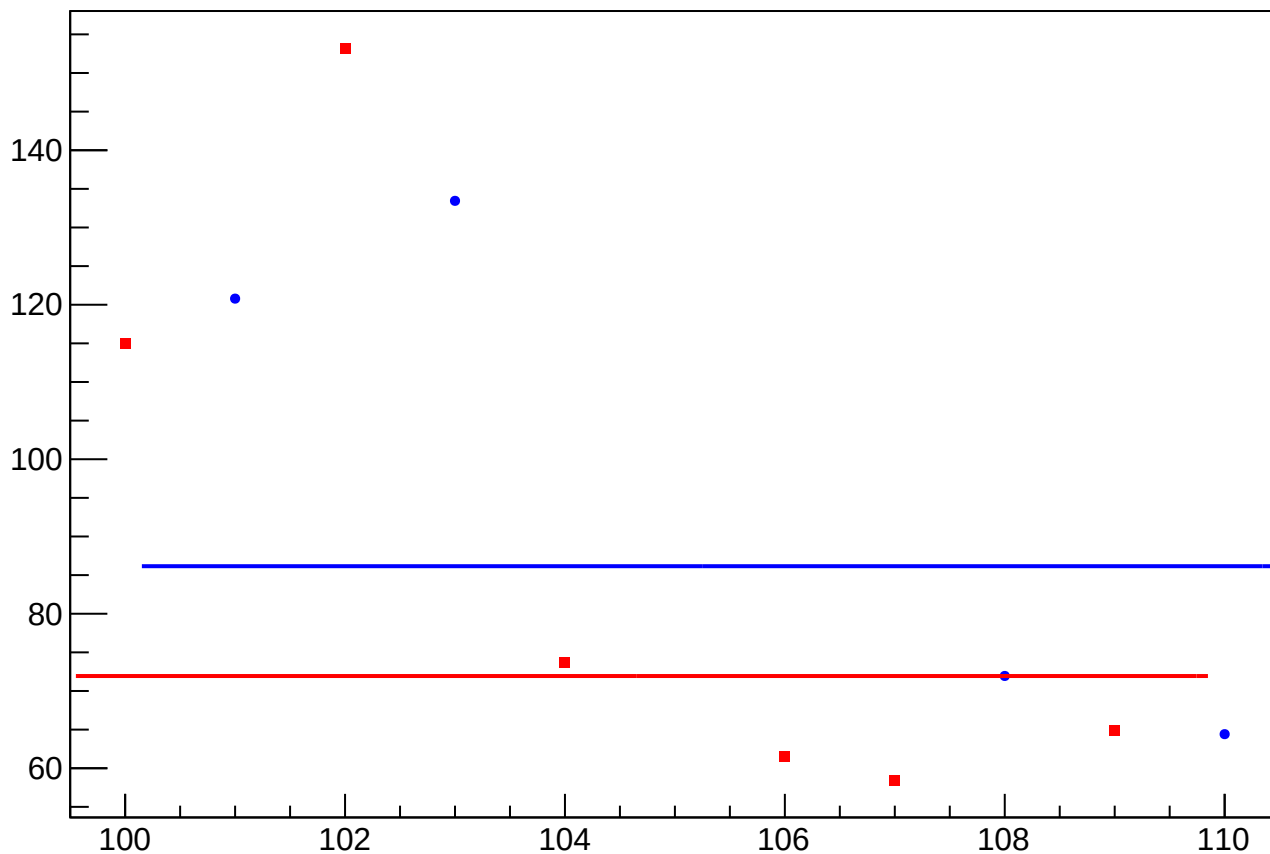
Right: -25.999 ± 40.074 χ^2/NDF : 11.6/9

In: -11.862 ± 64.351 χ^2/NDF : 4.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.999 ± 40.074 χ^2/NDF : 11.6/9

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 86.154+/-0.046 χ^2/NDF : 364635.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.936+/-0.036 χ^2/NDF : 427038.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

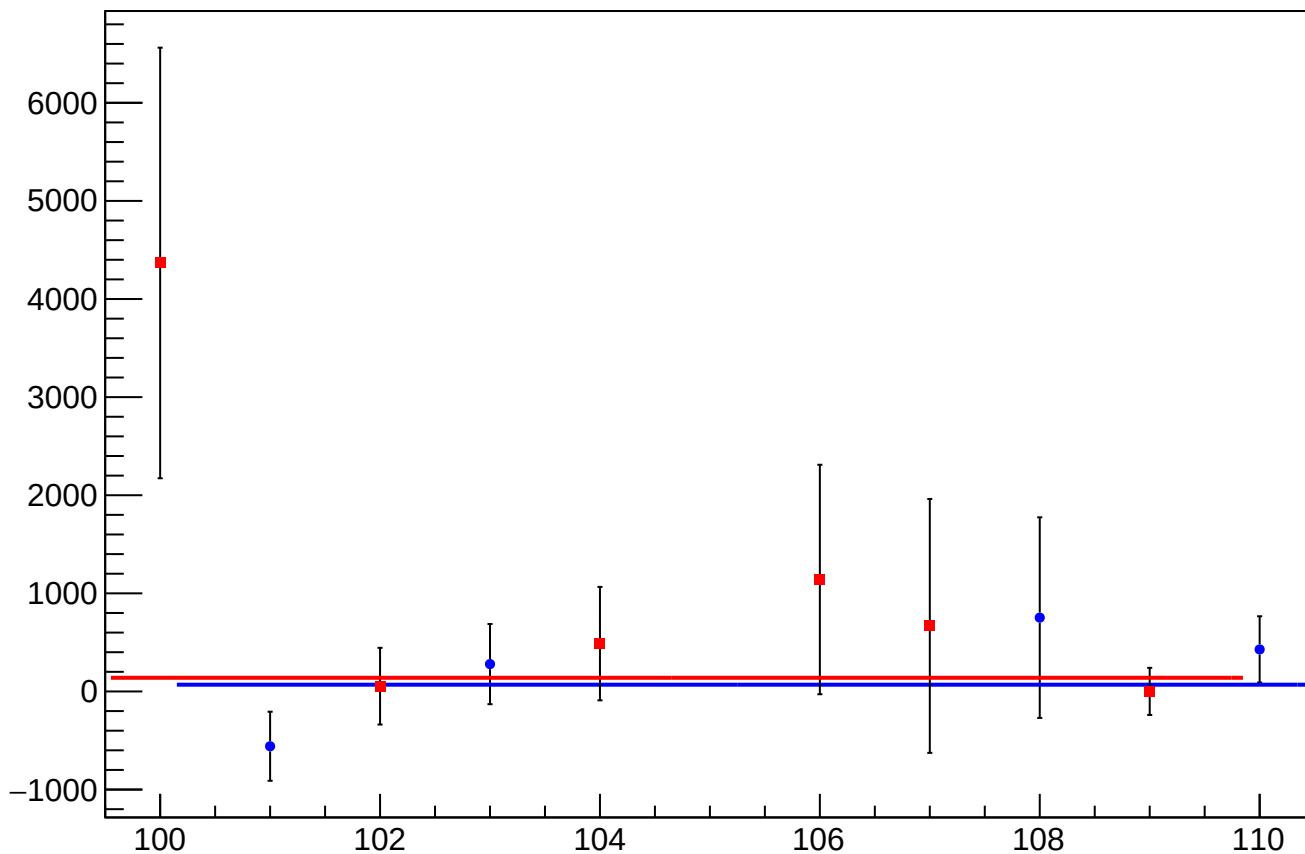
Right: 77.450+/-0.028 χ^2/NDF : 851439.1/9

In: 86.154+/-0.046 χ^2/NDF : 364635.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.450+/-0.028 χ^2/NDF : 851439.1/9

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 68.844+/-205.148 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.366+/-187.566 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

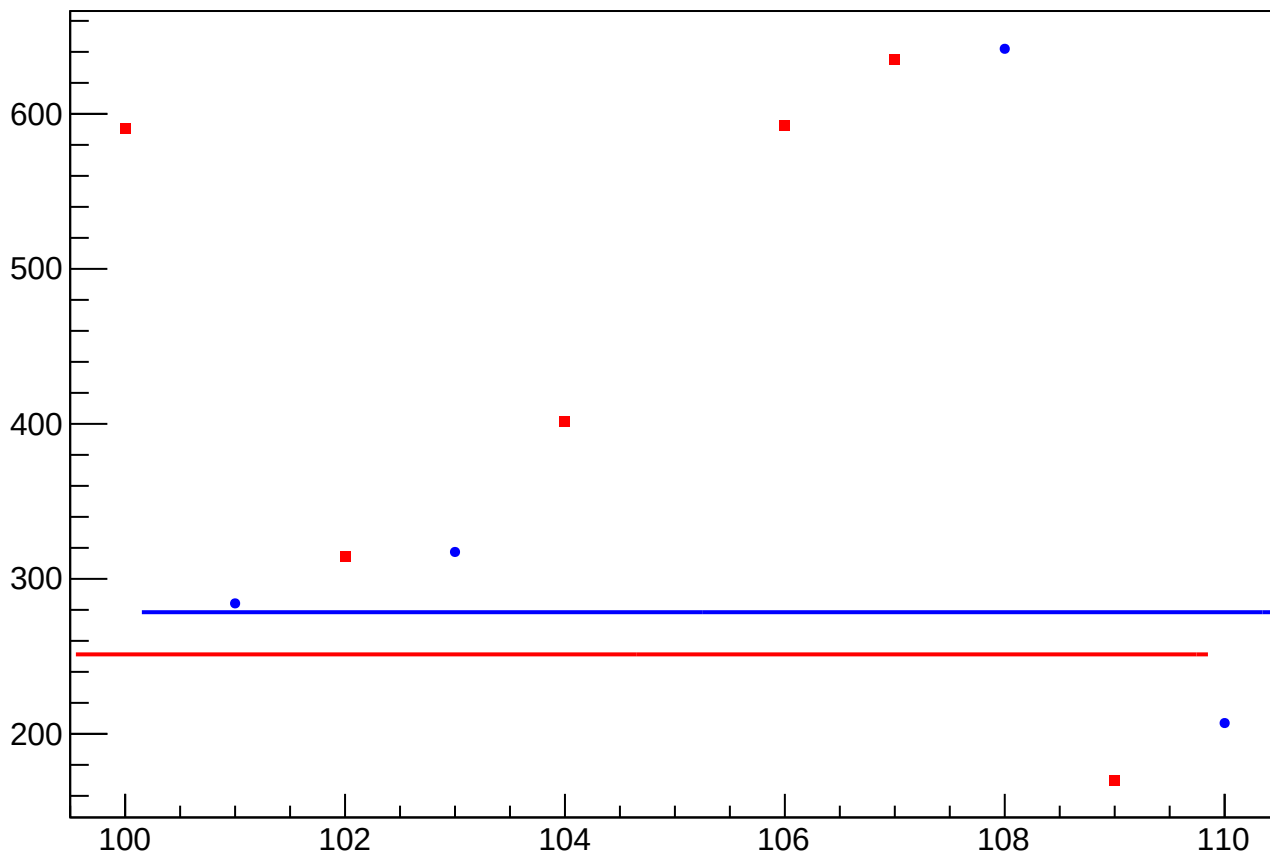
Right: 107.256+/-138.428 χ^2/NDF : 10.4/9

In: 68.844+/-205.148 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.256+/-138.428 χ^2/NDF : 10.4/9

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 278.492+/-0.145 χ^2/NDF : 360909.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 251.283+/-0.133 χ^2/NDF : 811418.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

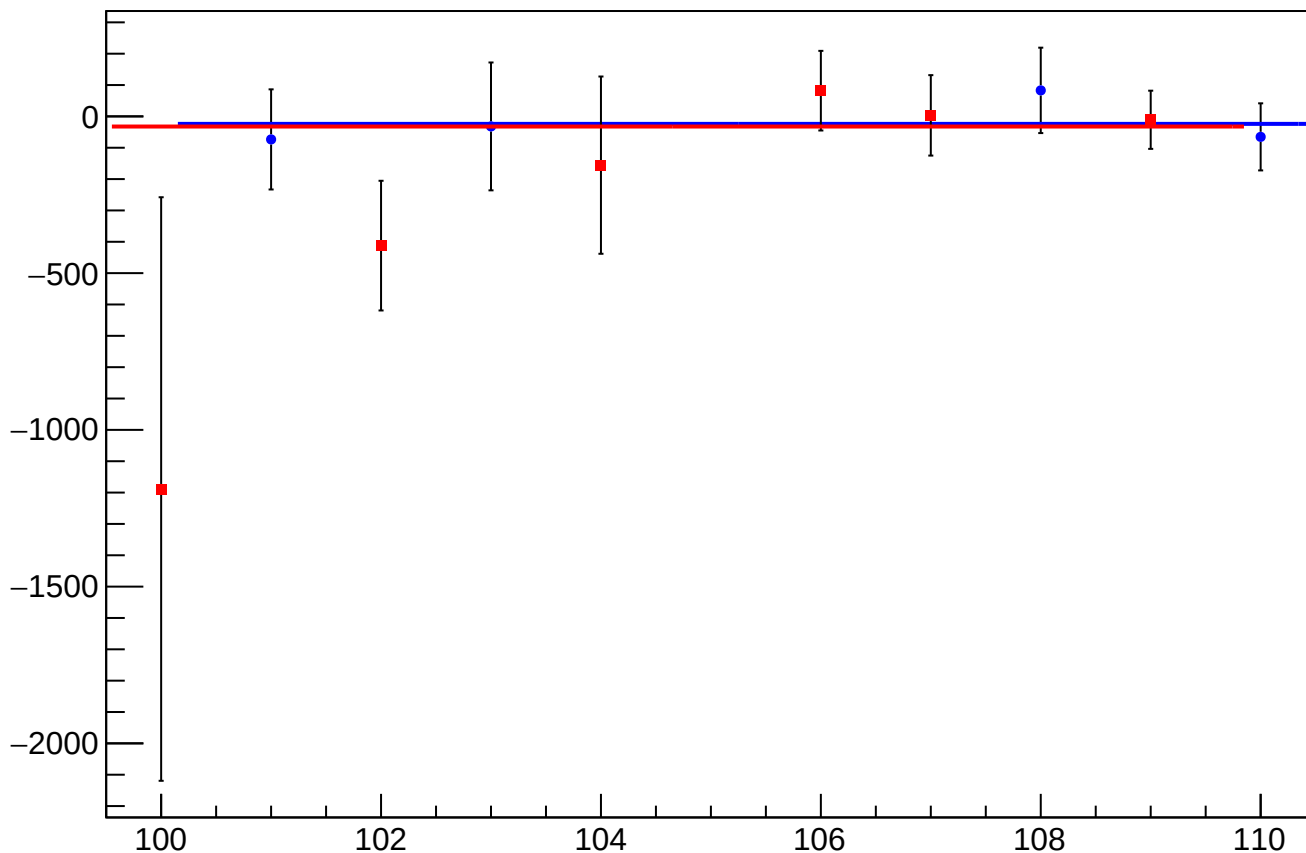
Right: 263.671+/-0.098 χ^2/NDF : 1191491.0/9

In: 278.492+/-0.145 χ^2/NDF : 360909.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.671+/-0.098 χ^2/NDF : 1191491.0/9

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -23.873 ± 69.931 χ^2/NDF : 0.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.348 ± 60.207 χ^2/NDF : 6.0/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

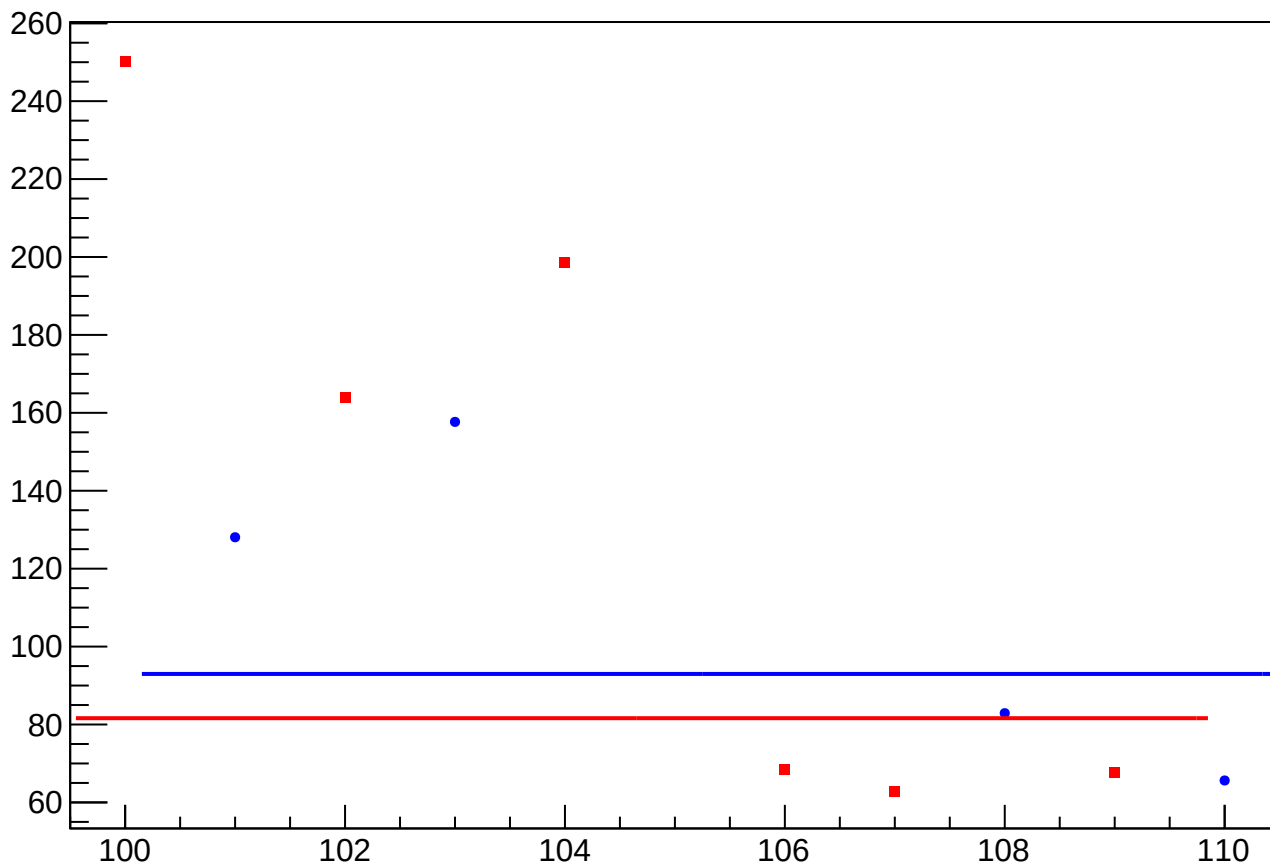
Right: -28.740 ± 45.626 χ^2/NDF : 6.9/9

In: -23.873 ± 69.931 χ^2/NDF : 0.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.740 ± 45.626 χ^2/NDF : 6.9/9

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 92.979+/-0.049 χ^2/NDF : 439364.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.622+/-0.043 χ^2/NDF : 834746.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

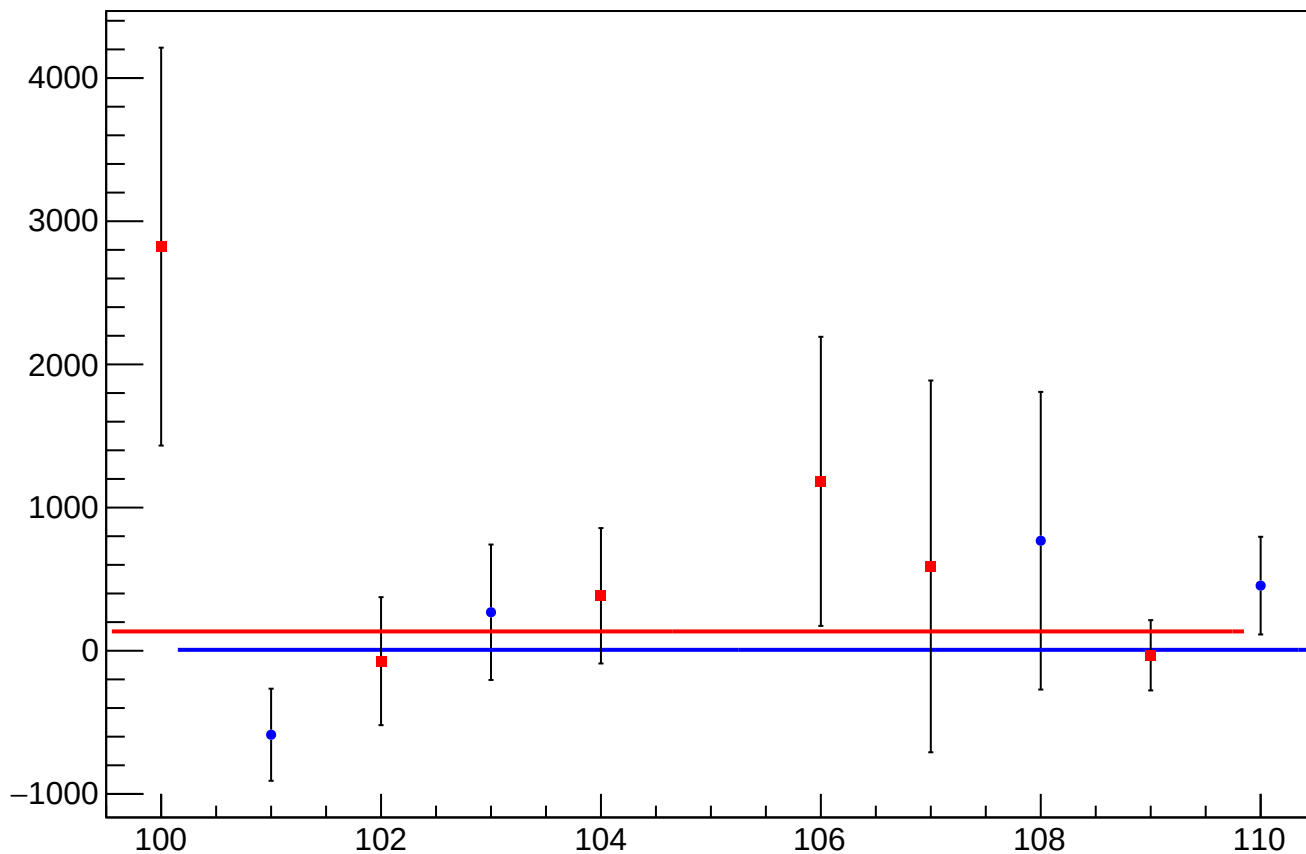
Right: 86.457+/-0.032 χ^2/NDF : 1304409.2/9

In: 92.979+/-0.049 χ^2/NDF : 439364.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.457+/-0.032 χ^2/NDF : 1304409.2/9

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: 6.470+/-205.593 χ^2/NDF : 6.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.029+/-188.402 χ^2/NDF : 5.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

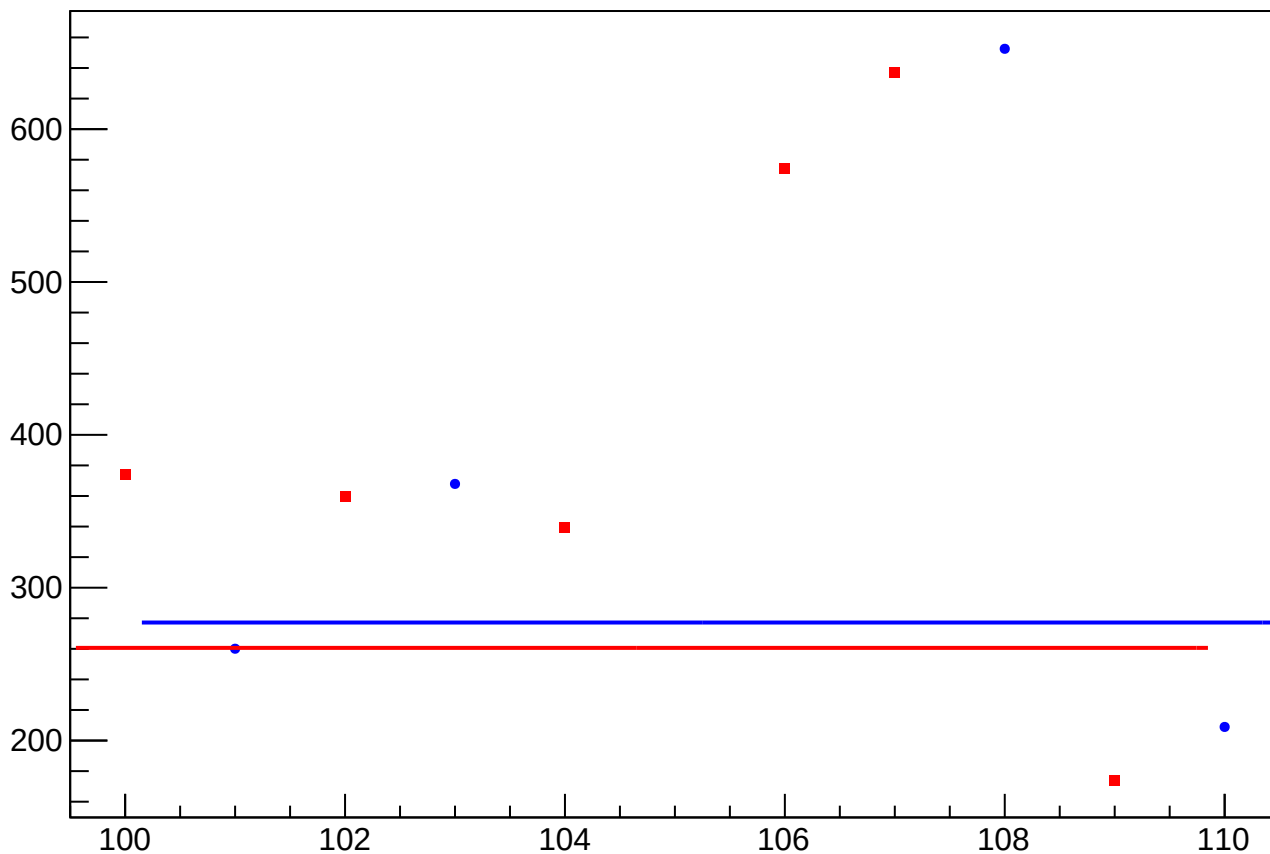
Right: 76.348+/-138.901 χ^2/NDF : 12.1/9

In: 6.470+/-205.593 χ^2/NDF : 6.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.348+/-138.901 χ^2/NDF : 12.1/9

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 277.221+/-0.145 χ^2/NDF : 420190.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 260.631+/-0.133 χ^2/NDF : 779429.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

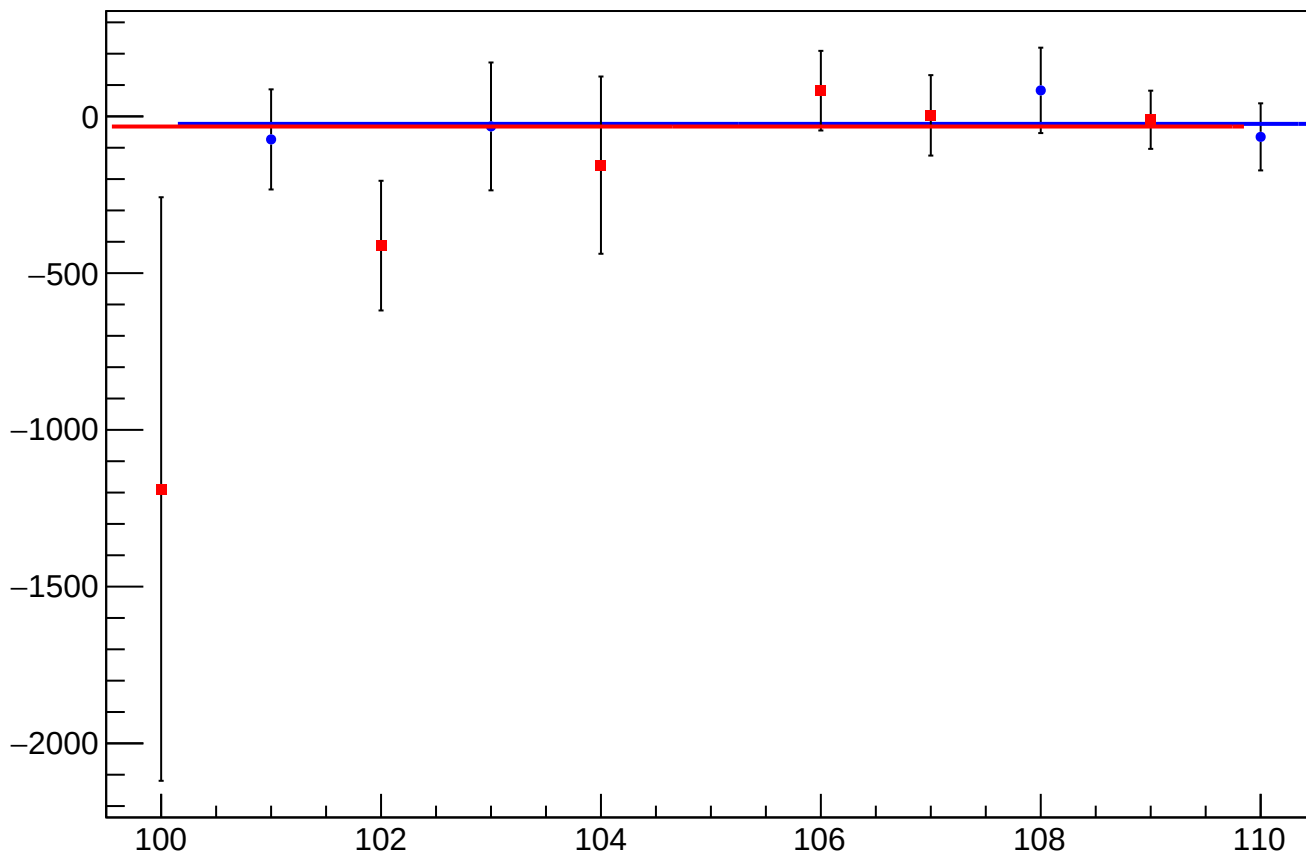
Right: 268.203+/-0.098 χ^2/NDF : 1206698.8/9

In: 277.221+/-0.145 χ^2/NDF : 420190.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.203+/-0.098 χ^2/NDF : 1206698.8/9

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -23.876 ± 69.931 χ^2/NDF : 0.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.348 ± 60.207 χ^2/NDF : 6.0/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

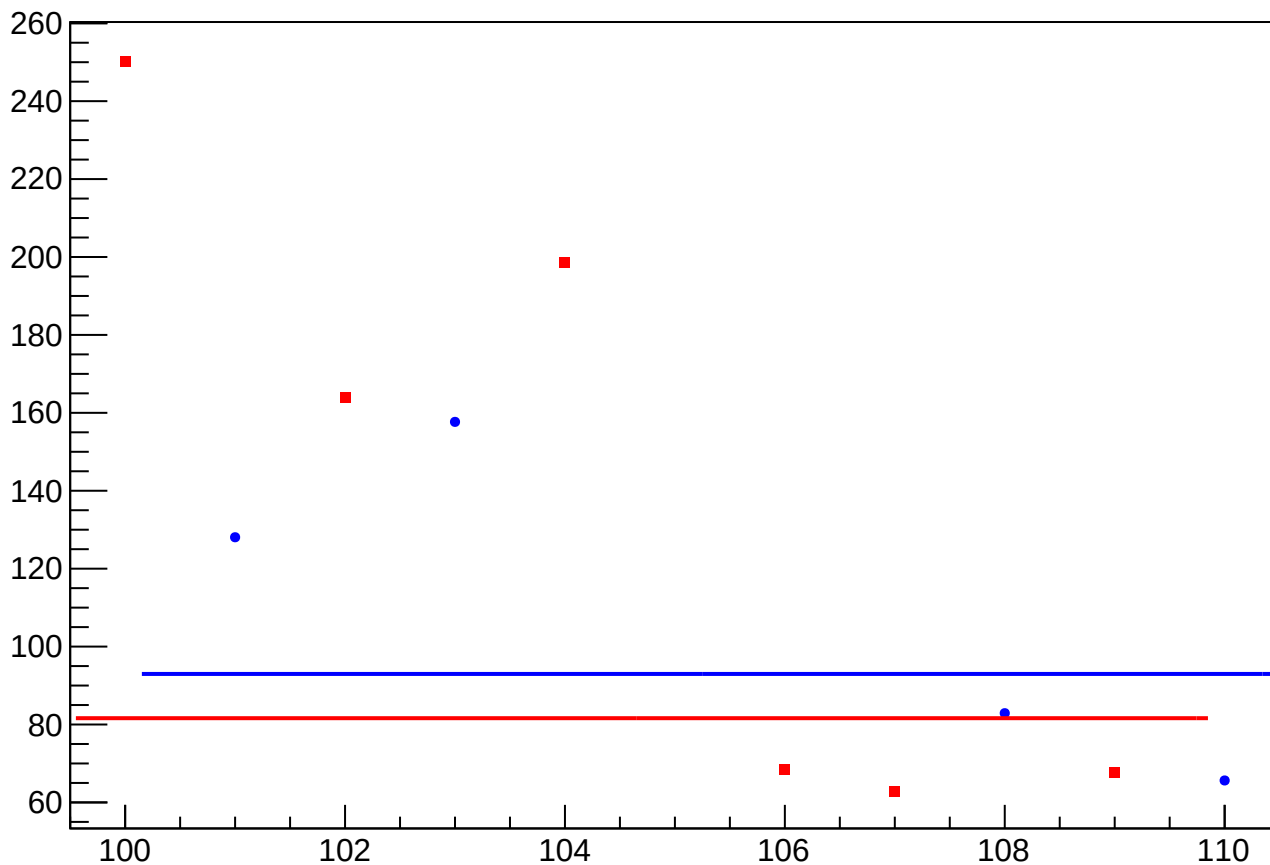
Right: -28.742 ± 45.626 χ^2/NDF : 6.9/9

In: -23.876 ± 69.931 χ^2/NDF : 0.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.742 ± 45.626 χ^2/NDF : 6.9/9

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 92.979+/-0.049 χ^2/NDF : 439364.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.622+/-0.043 χ^2/NDF : 834745.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

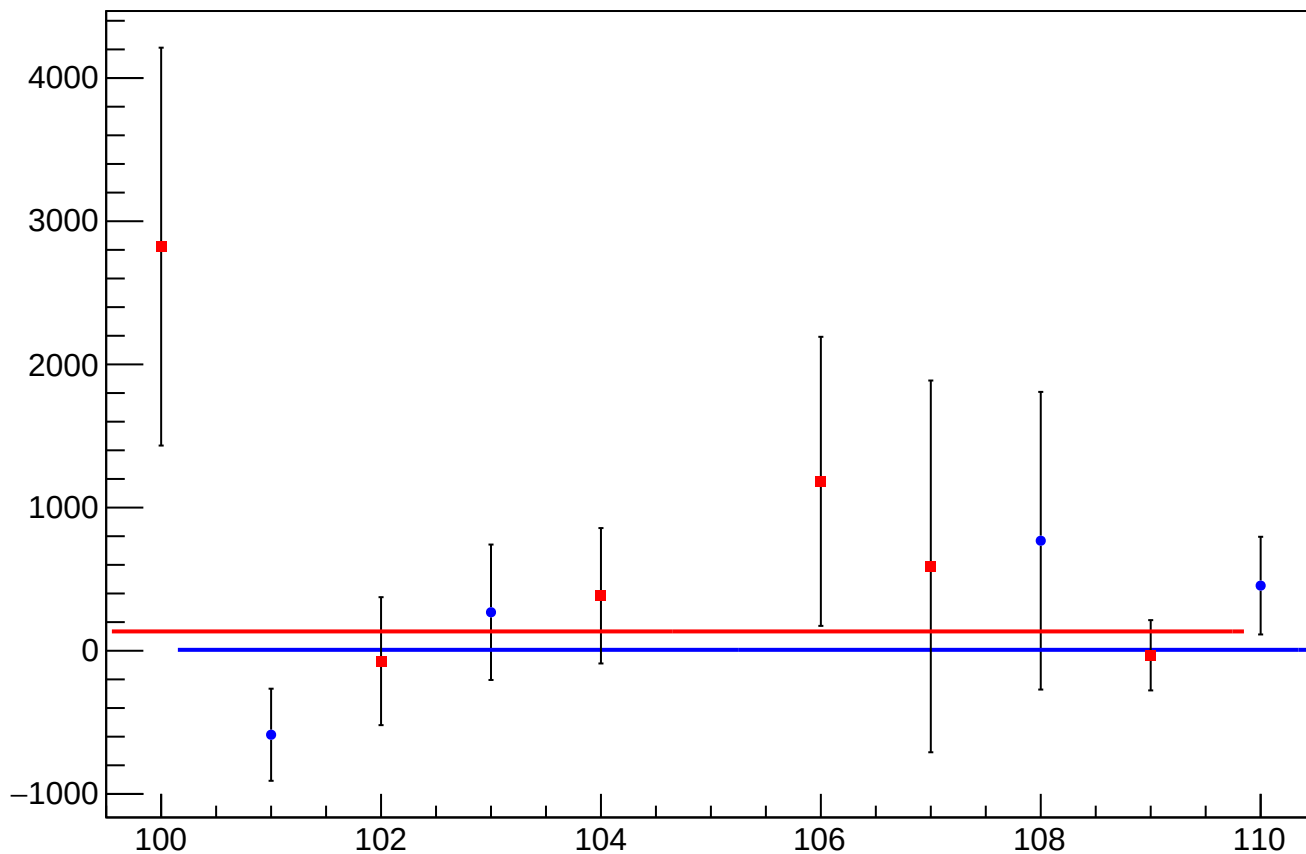
Right: 86.457+/-0.032 χ^2/NDF : 1304408.1/9

In: 92.979+/-0.049 χ^2/NDF : 439364.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.457+/-0.032 χ^2/NDF : 1304408.1/9

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 6.470+/-205.591 χ^2/NDF : 6.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.029+/-188.402 χ^2/NDF : 5.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

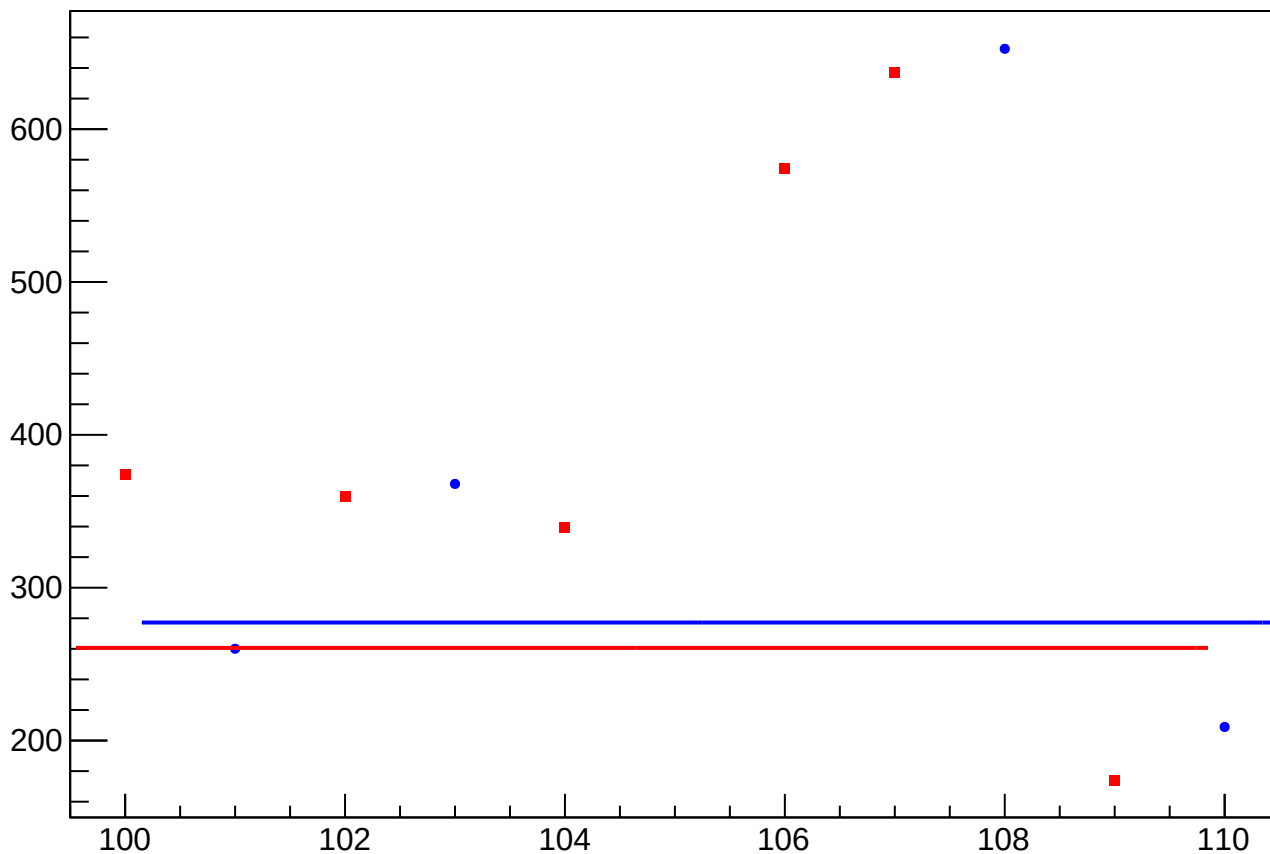
Right: 76.348+/-138.900 χ^2/NDF : 12.1/9

In: 6.470+/-205.591 χ^2/NDF : 6.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.348+/-138.900 χ^2/NDF : 12.1/9

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 277.219+/-0.145 χ^2/NDF : 420198.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 260.631+/-0.133 χ^2/NDF : 779425.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

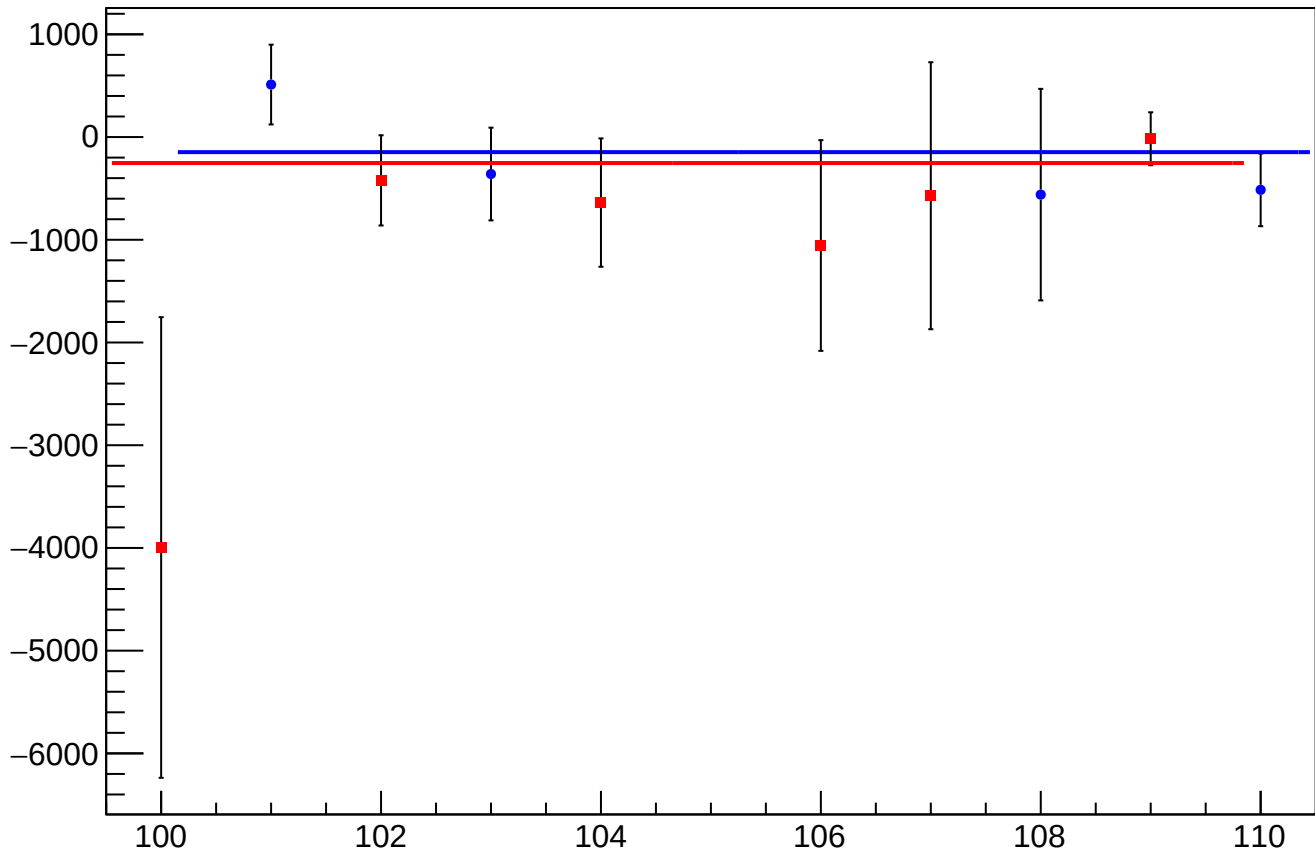
Right: 268.203+/-0.098 χ^2/NDF : 1206701.2/9

In: 277.219+/-0.145 χ^2/NDF : 420198.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.203+/-0.098 χ^2/NDF : 1206701.2/9

asym_sam7_mean vs Slug, Sign Corrected



Right In: -146.889 $\pm$ 221.076 χ^2 /NDF: 4.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -252.840 $\pm$ 201.840 χ^2 /NDF: 4.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

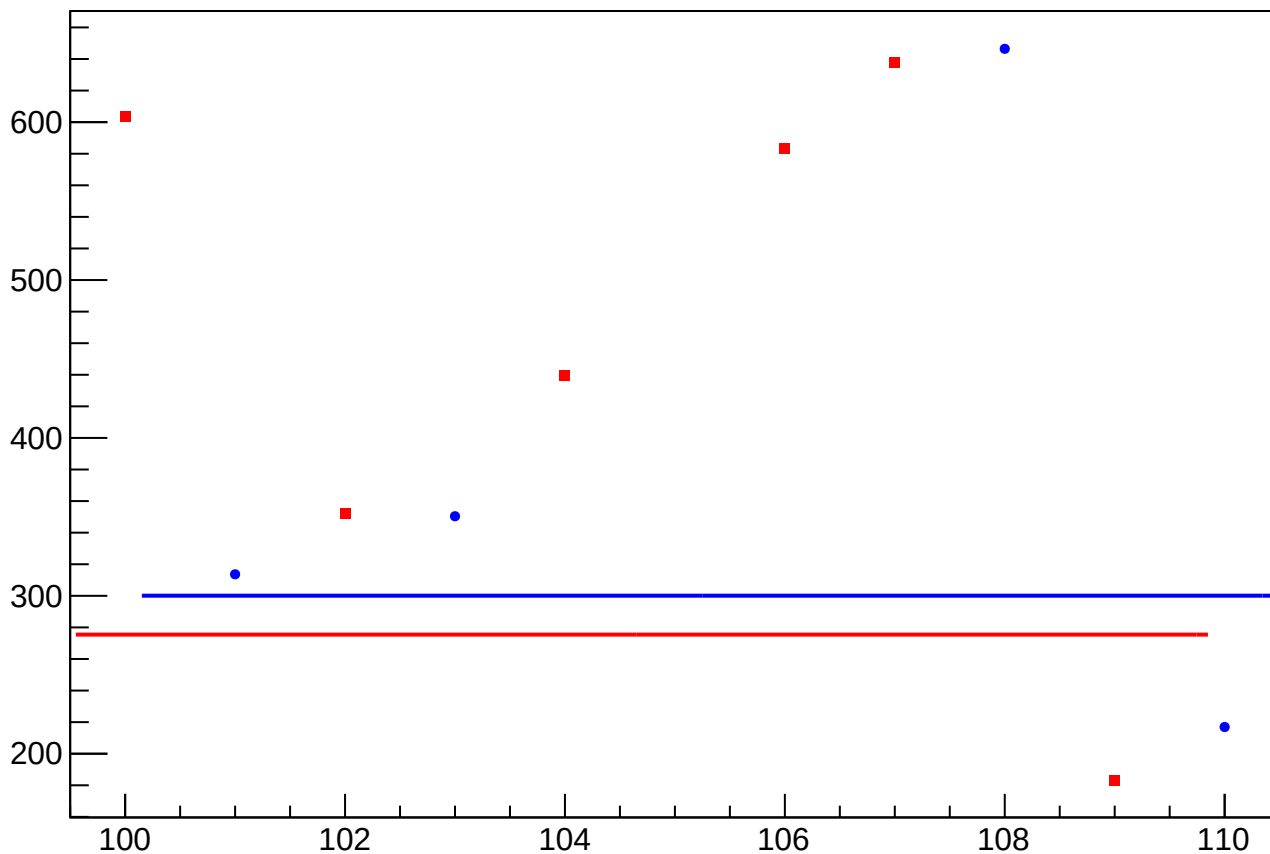
Right: -204.673 $\pm$ 149.060 χ^2 /NDF: 9.3/9

In: -146.889 $\pm$ 221.076 χ^2 /NDF: 4.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -204.673 $\pm$ 149.060 χ^2 /NDF: 9.3/9

asym_sam7_rms vs Slug, Sign Corrected



Right In: 300.086+/-0.156 χ^2/NDF : 363998.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 275.435+/-0.143 χ^2/NDF : 834747.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

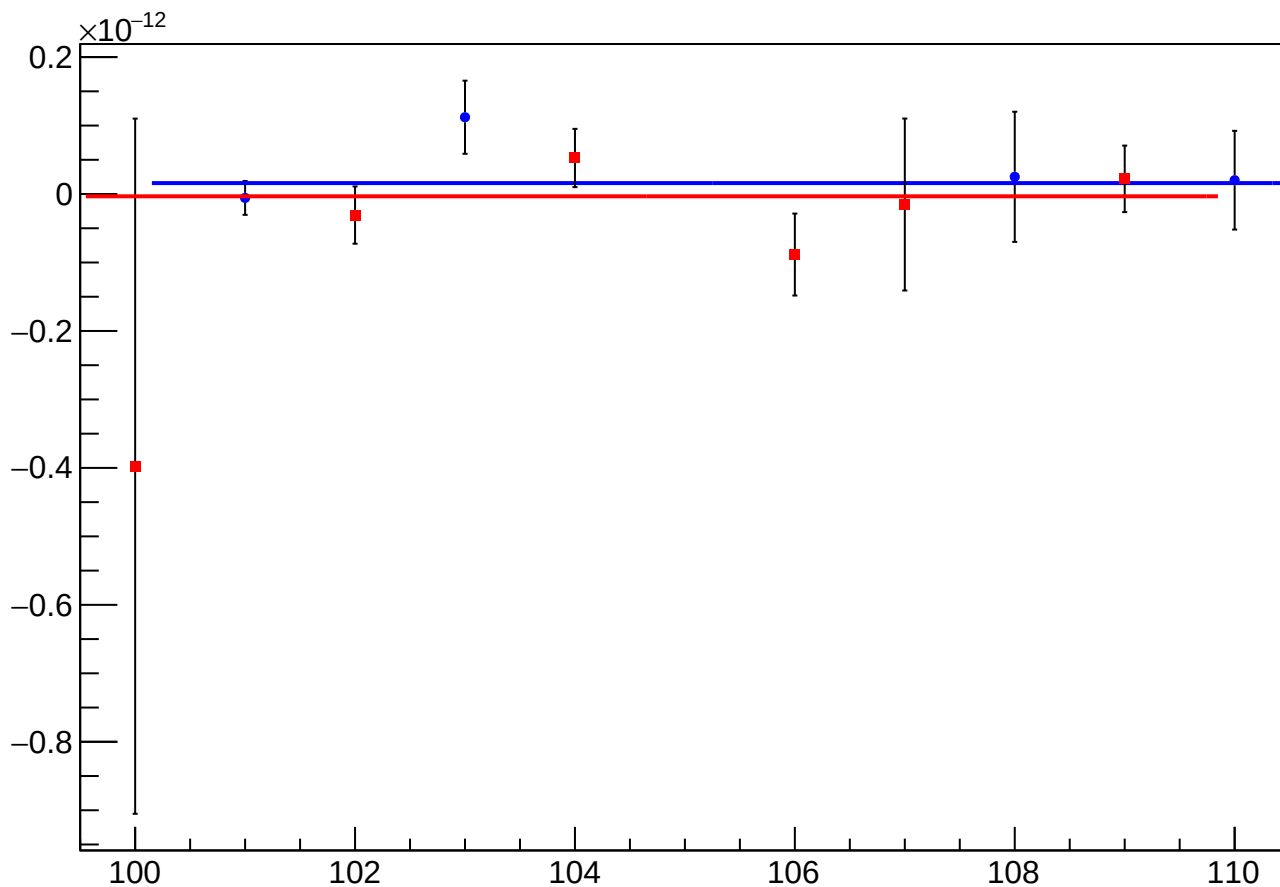
Right: 286.642+/-0.105 χ^2/NDF : 1212308.2/9

In: 300.086+/-0.156 χ^2/NDF : 363998.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.642+/-0.105 χ^2/NDF : 1212308.2/9

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

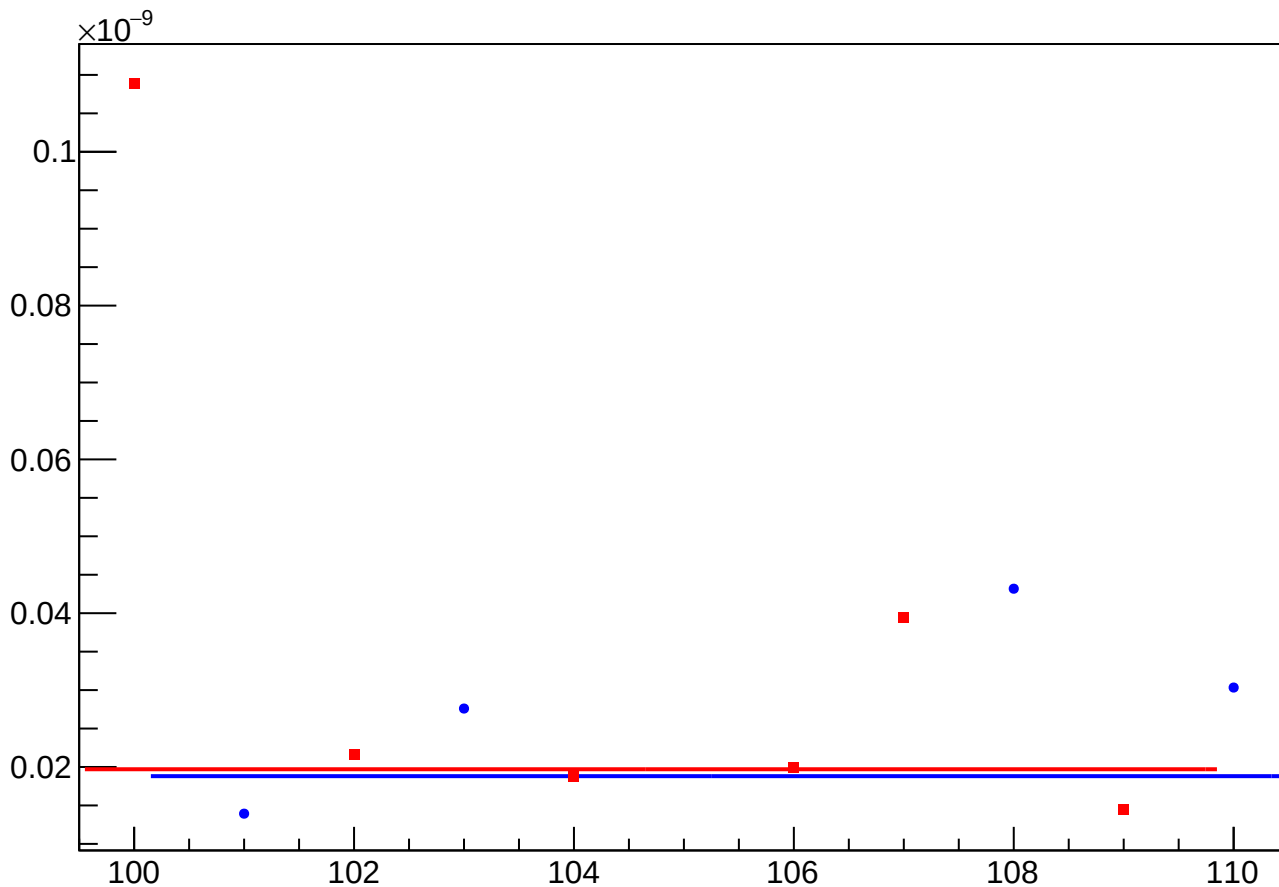
Right: 0.000+/-0.000 χ^2/NDF : 9.5/9

In: 0.000+/-0.000 χ^2/NDF : 4.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.5/9

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 314901.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 140023.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

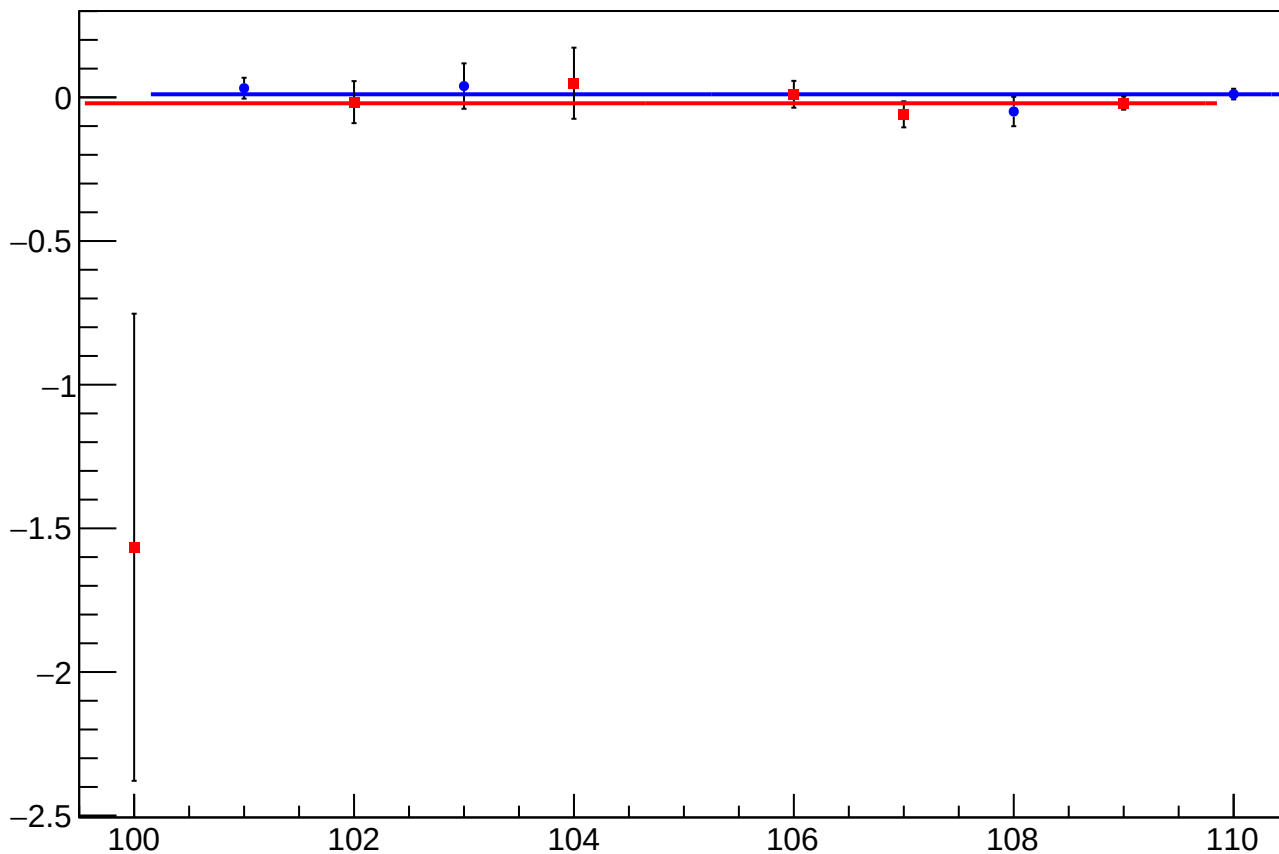
Right: 0.000+/-0.000 χ^2/NDF : 456602.6/9

In: 0.000+/-0.000 χ^2/NDF : 314901.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 456602.6/9

asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.015 χ^2 /NDF: 1.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.021 $\pm$ 0.018 χ^2 /NDF: 5.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

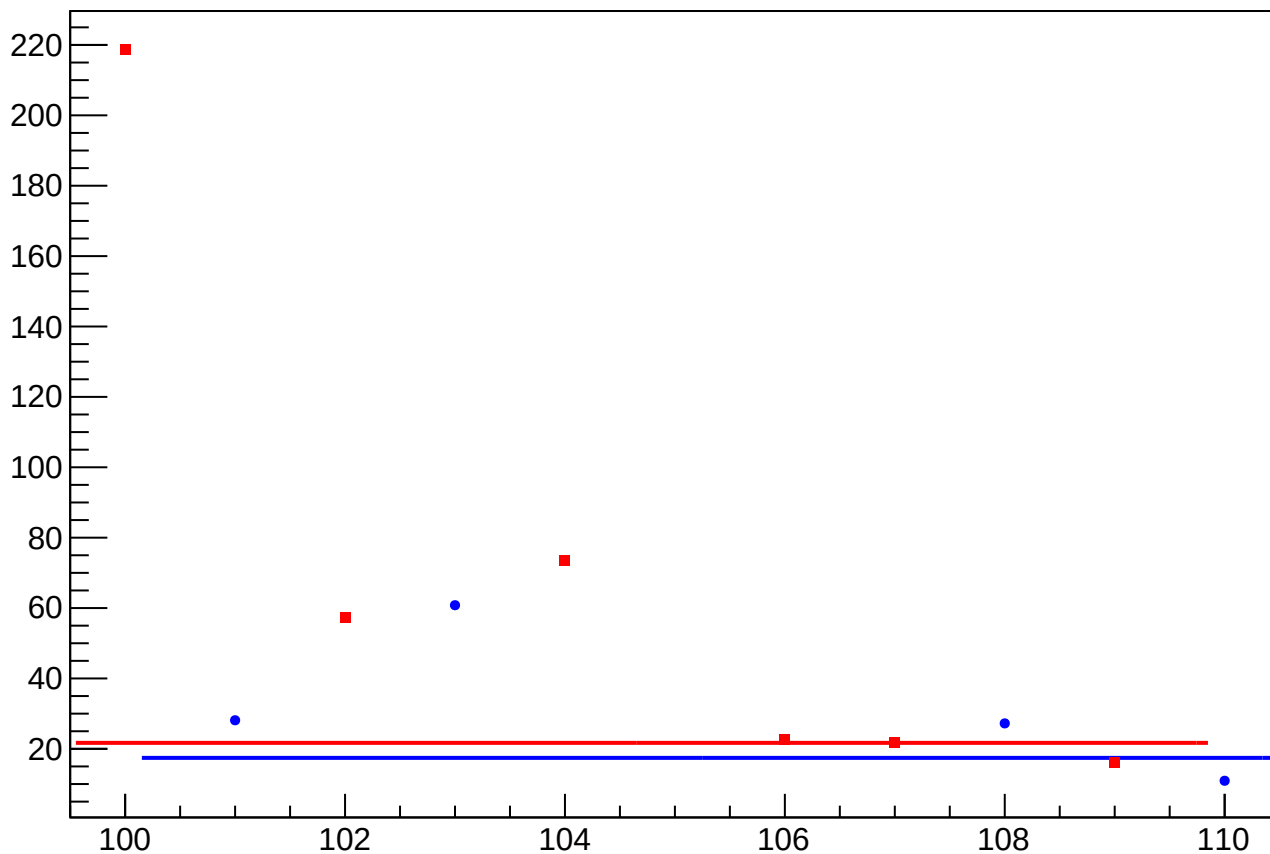
Right: -0.003 $\pm$ 0.012 χ^2 /NDF: 8.7/9

In: 0.011 $\pm$ 0.015 χ^2 /NDF: 1.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.012 χ^2 /NDF: 8.7/9

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.434+/-0.011 χ^2/NDF : 1094246.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.699+/-0.013 χ^2/NDF : 1070014.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

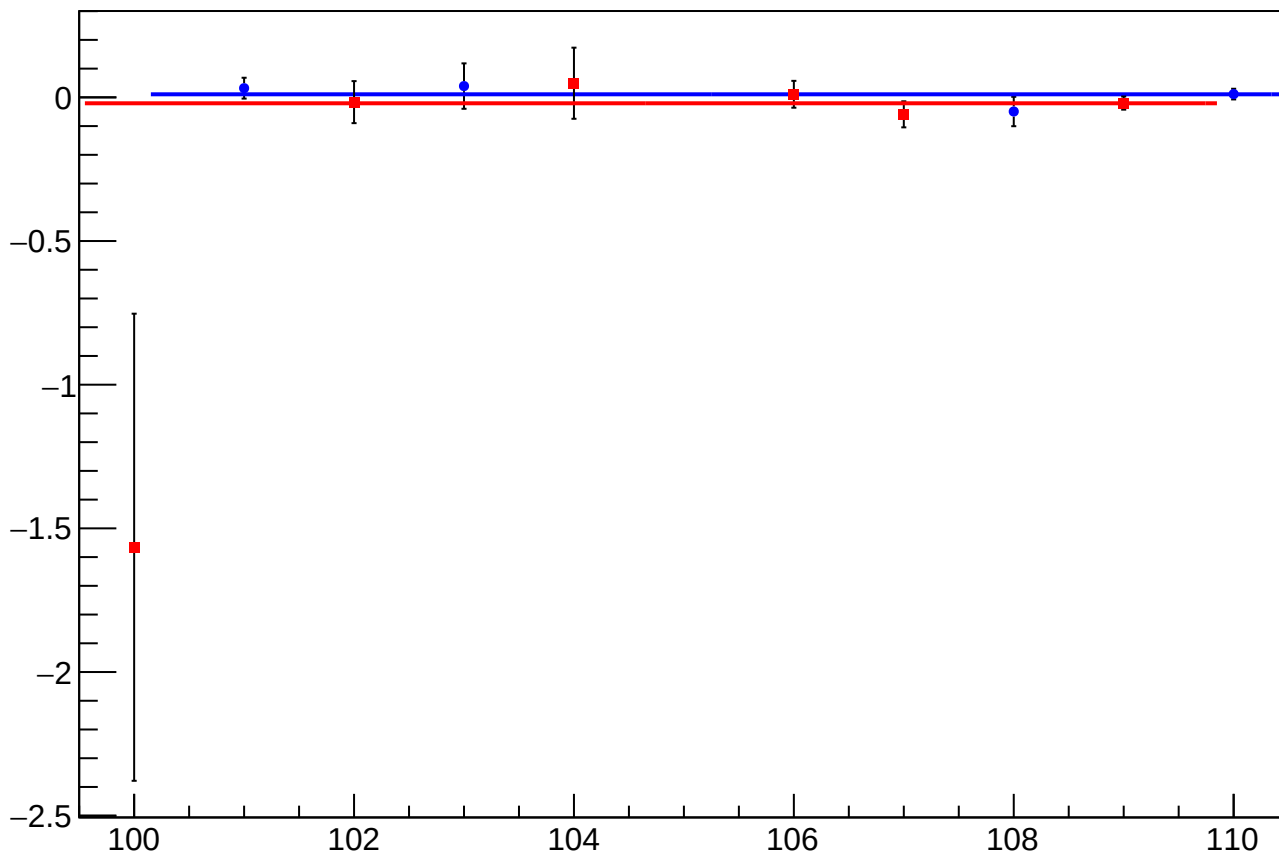
Right: 19.253+/-0.008 χ^2/NDF : 2229342.3/9

In: 17.434+/-0.011 χ^2/NDF : 1094246.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.253+/-0.008 χ^2/NDF : 2229342.3/9

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.015 χ^2 /NDF: 1.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.018 χ^2 /NDF: 5.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

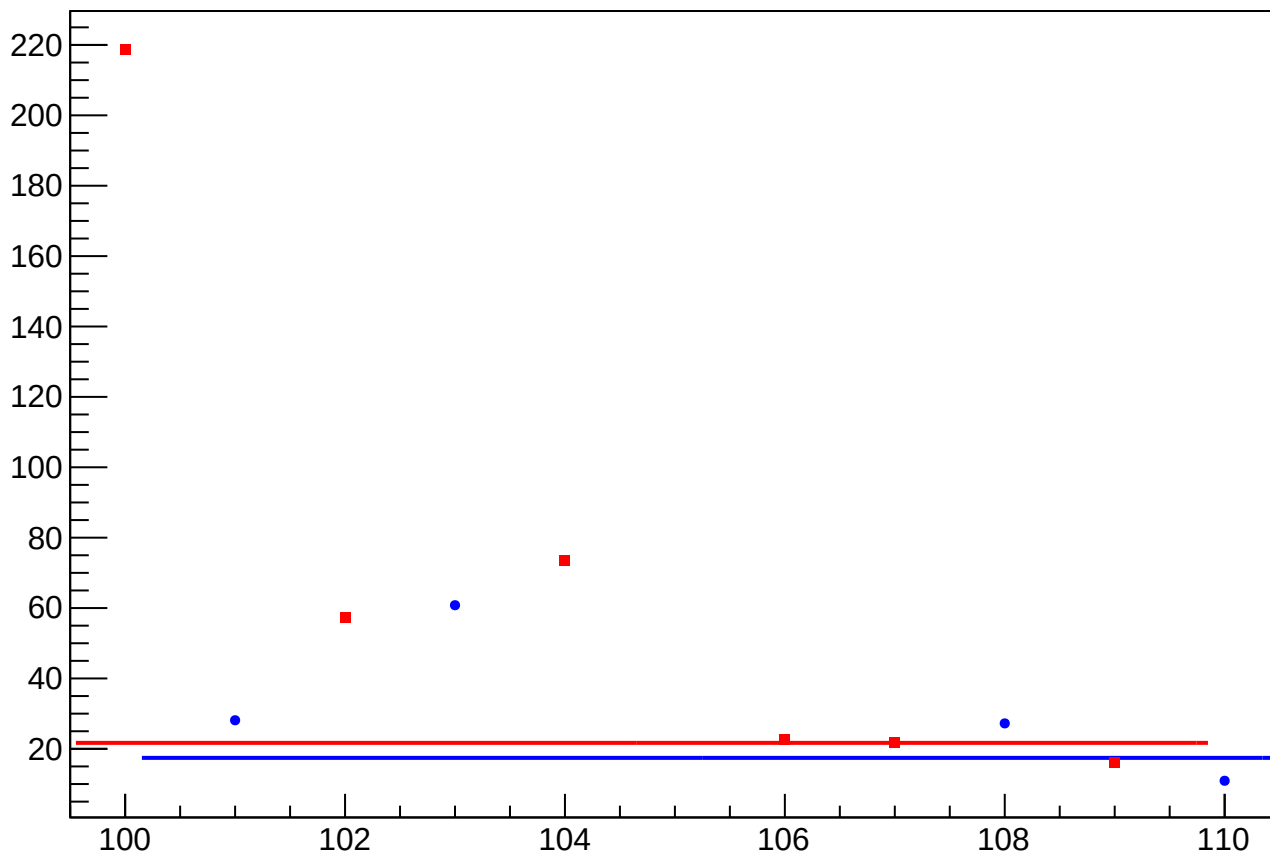
Right: -0.003 $\pm$ 0.012 χ^2 /NDF: 8.7/9

In: 0.011 $\pm$ 0.015 χ^2 /NDF:1.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.012 χ^2 /NDF: 8.7/9

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.434+/-0.011 χ^2/NDF : 1094246.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.699+/-0.013 χ^2/NDF : 1070014.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

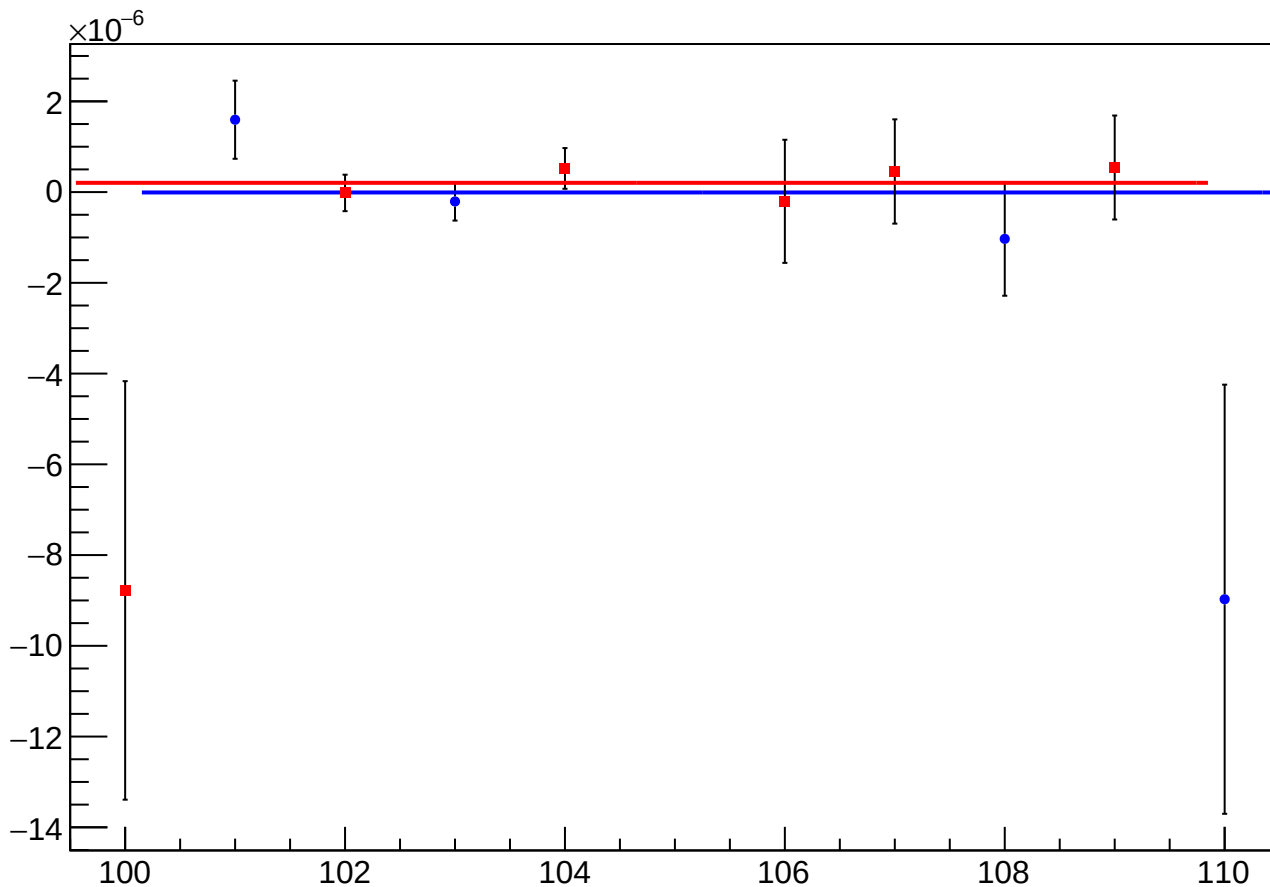
Right: 19.253+/-0.008 χ^2/NDF : 2229342.3/9

In: 17.434+/-0.011 χ^2/NDF : 1094246.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.253+/-0.008 χ^2/NDF : 2229342.3/9

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

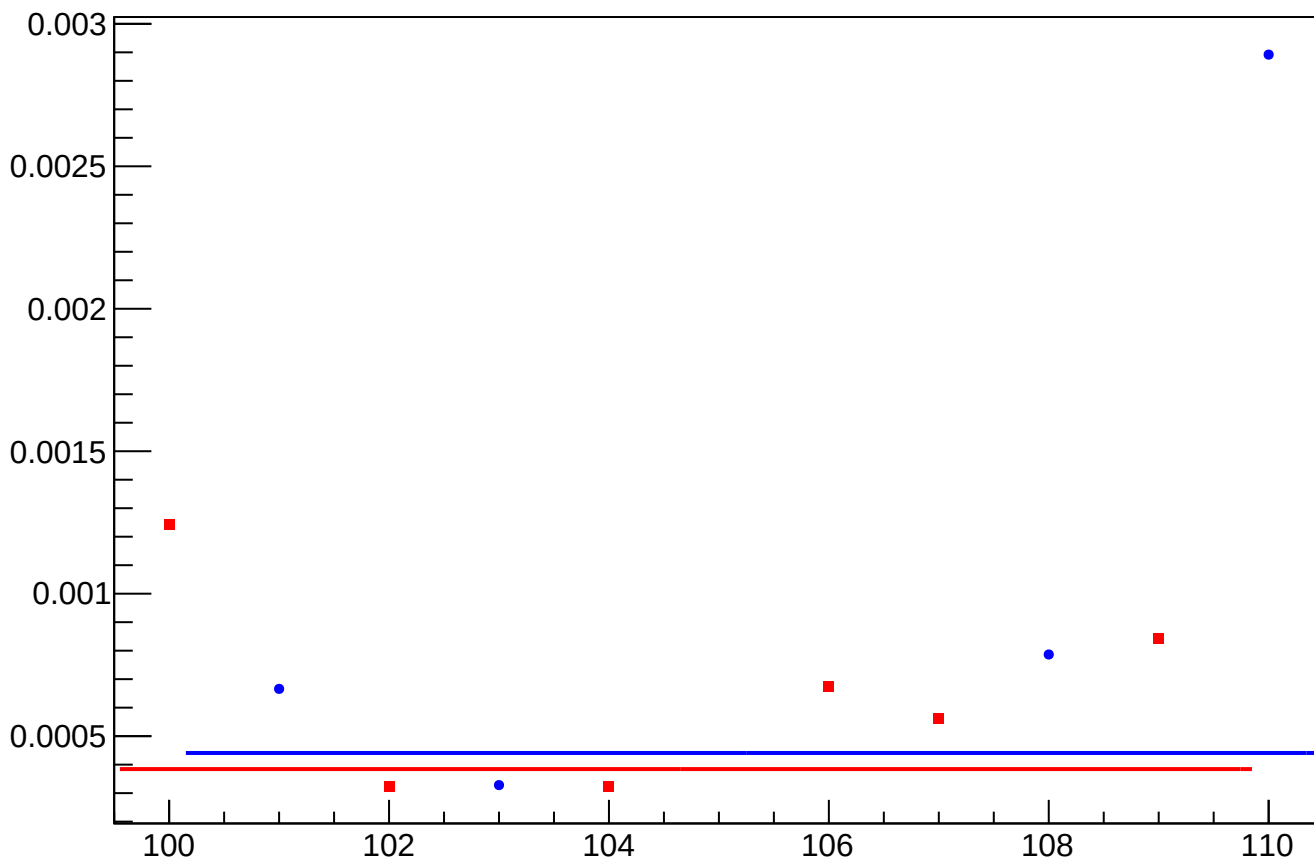
Right: 0.000+/-0.000 χ^2/NDF : 13.0/9

In: -0.000+/-0.000 χ^2/NDF : 7.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.0/9

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 968678.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 615160.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

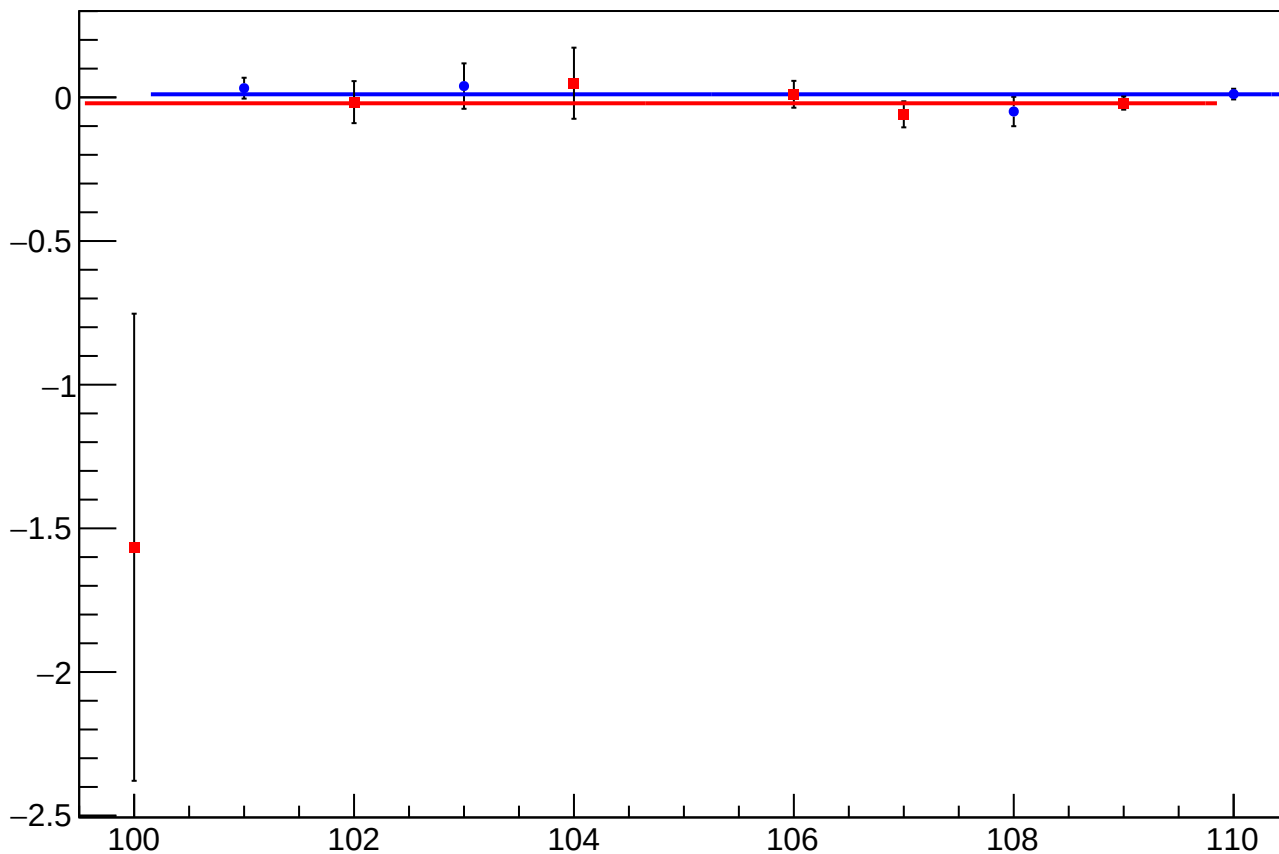
Right: 0.000+/-0.000 χ^2/NDF : 1614832.7/9

In: 0.000+/-0.000 χ^2/NDF : 968678.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1614832.7/9

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.015 χ^2 /NDF: 1.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.018 χ^2 /NDF: 5.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

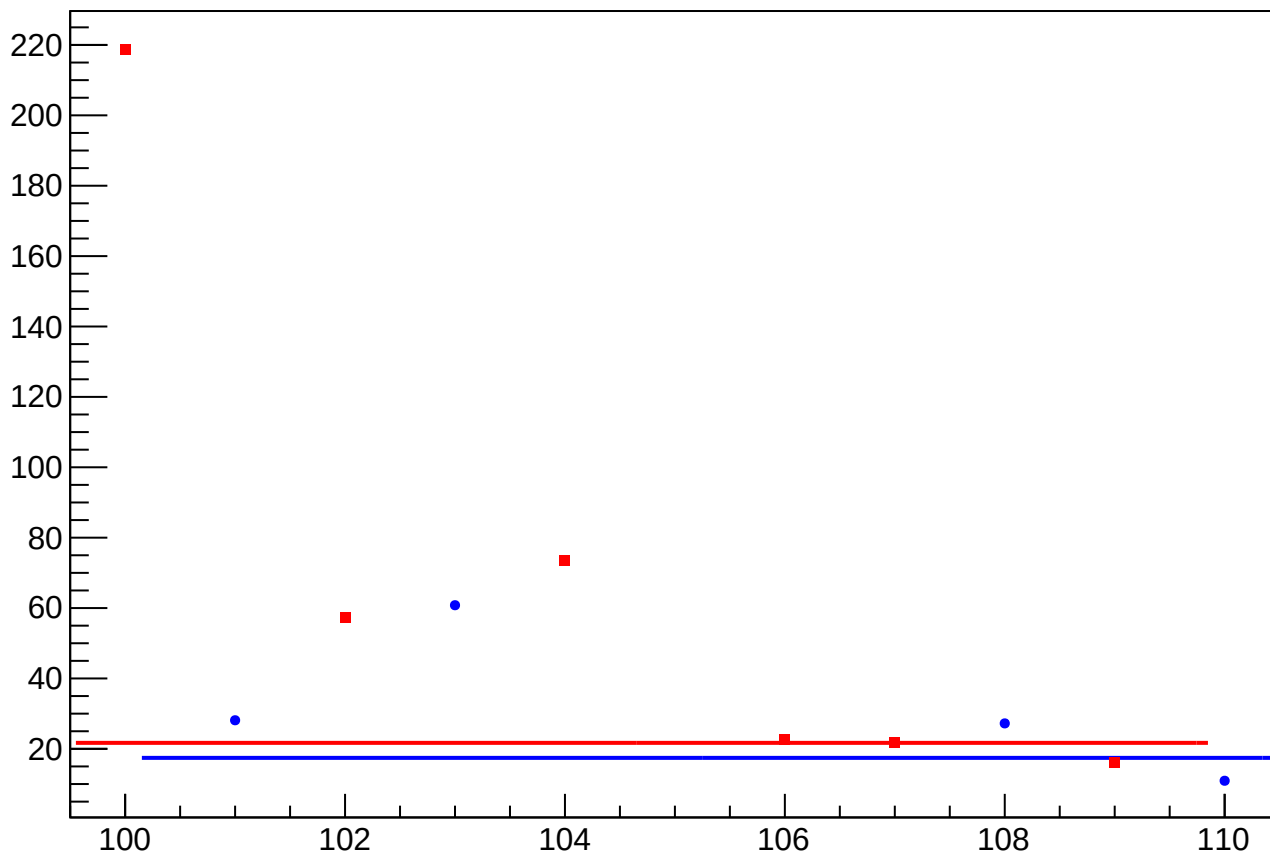
Right: -0.003 $\pm$ 0.012 χ^2 /NDF: 8.7/9

In: 0.011 $\pm$ 0.015 χ^2 /NDF:1.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.012 χ^2 /NDF: 8.7/9

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.435+/-0.011 χ^2/NDF : 1094195.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.699+/-0.013 χ^2/NDF : 1070005.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

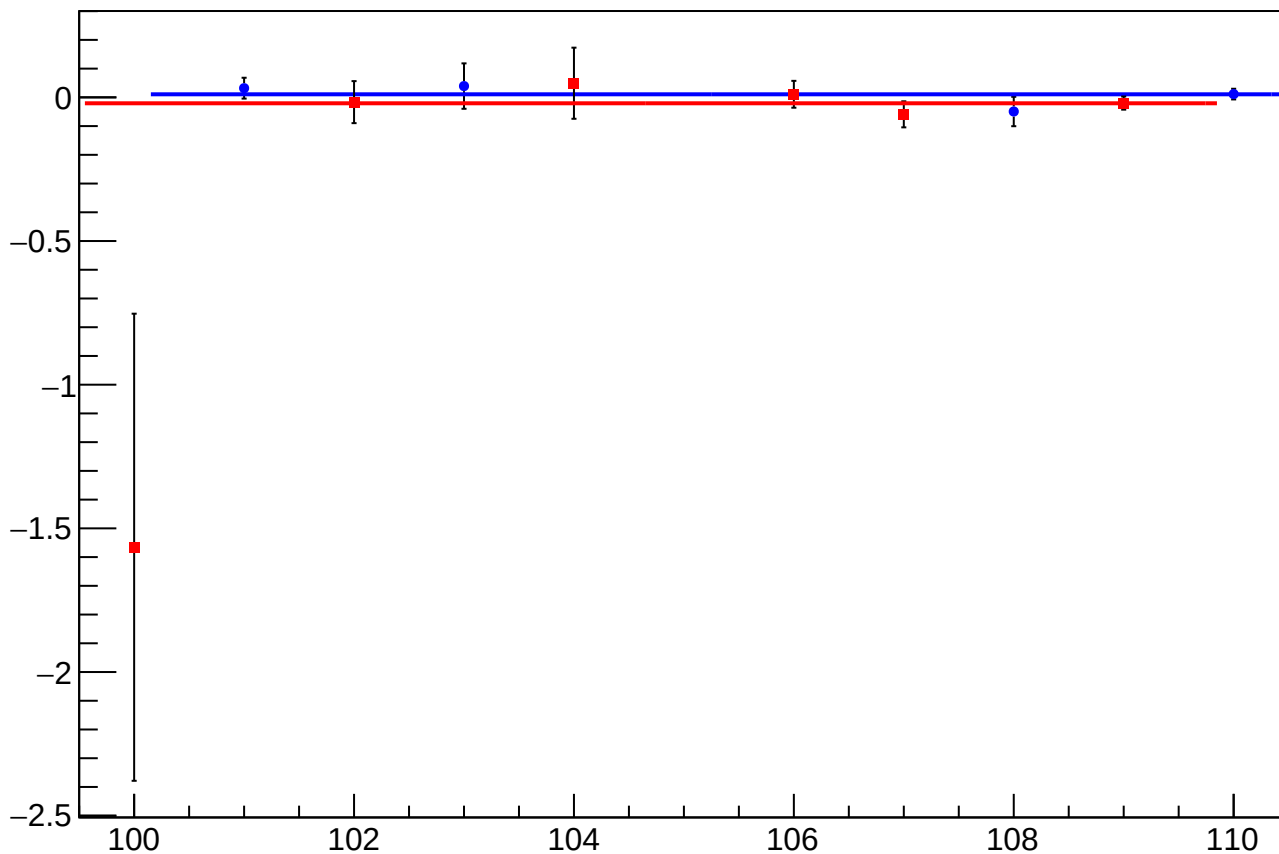
Right: 19.254+/-0.008 χ^2/NDF : 2229261.0/9

In: 17.435+/-0.011 χ^2/NDF : 1094195.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.254+/-0.008 χ^2/NDF : 2229261.0/9

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.015 χ^2 /NDF: 1.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.021 $\pm$ 0.018 χ^2 /NDF: 5.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

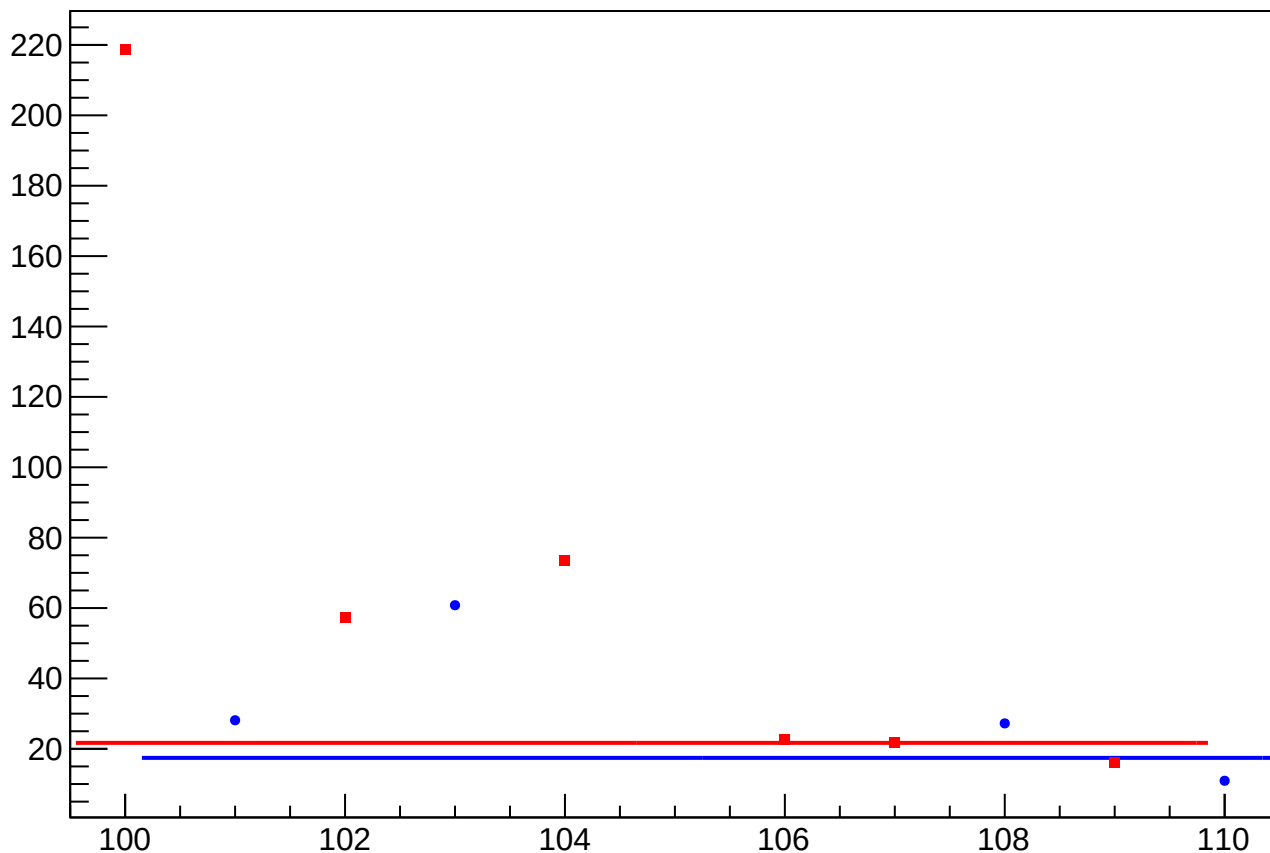
Right: -0.003 $\pm$ 0.012 χ^2 /NDF: 8.7/9

In: 0.011 $\pm$ 0.015 χ^2 /NDF: 1.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.012 χ^2 /NDF: 8.7/9

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.435+/-0.011 χ^2/NDF : 1094195.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.699+/-0.013 χ^2/NDF : 1070005.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

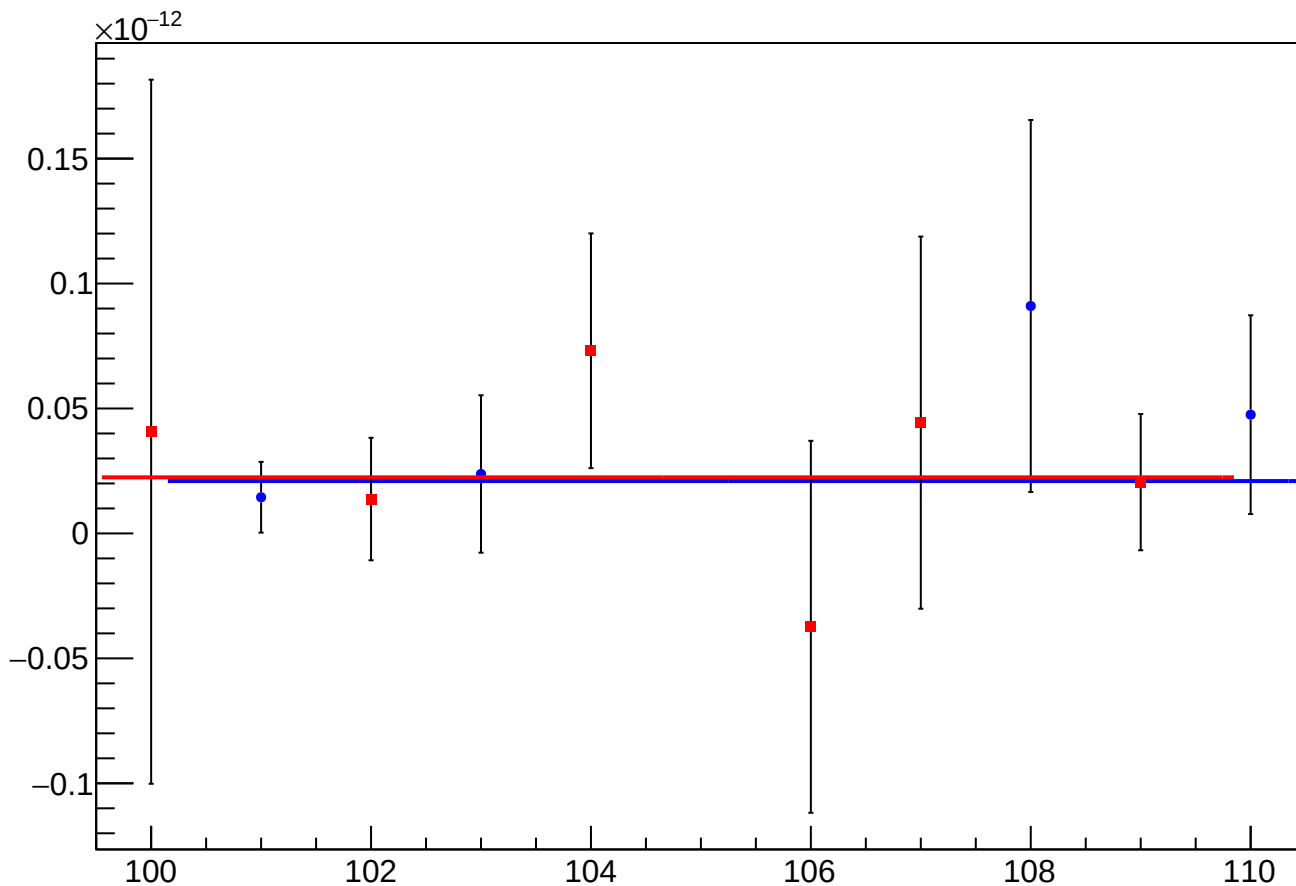
Right: 19.254+/-0.008 χ^2/NDF : 2229261.0/9

In: 17.435+/-0.011 χ^2/NDF : 1094195.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.254+/-0.008 χ^2/NDF : 2229261.0/9

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

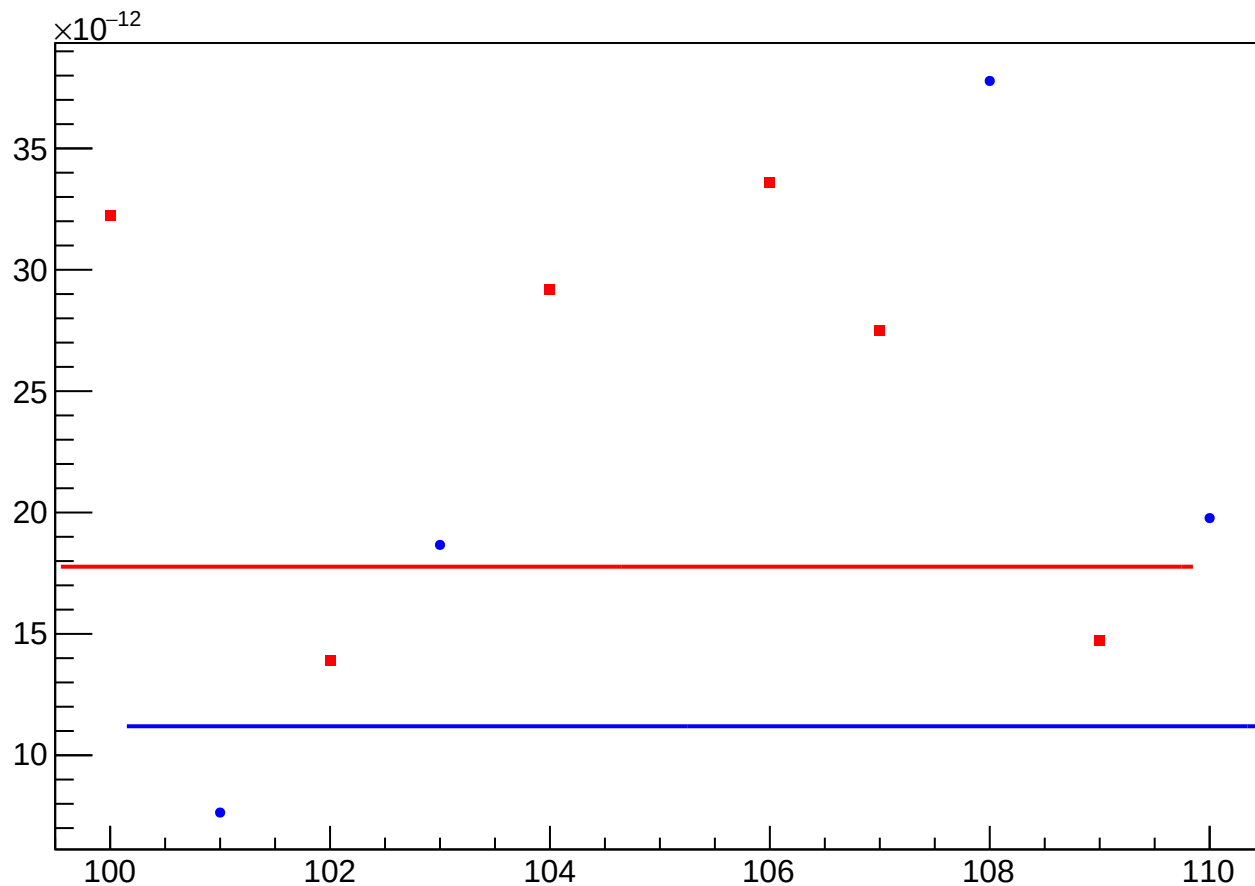
Right: 0.000+/-0.000 χ^2/NDF : 3.6/9

In: 0.000+/-0.000 χ^2/NDF : 1.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.6/9

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 586964.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 338904.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

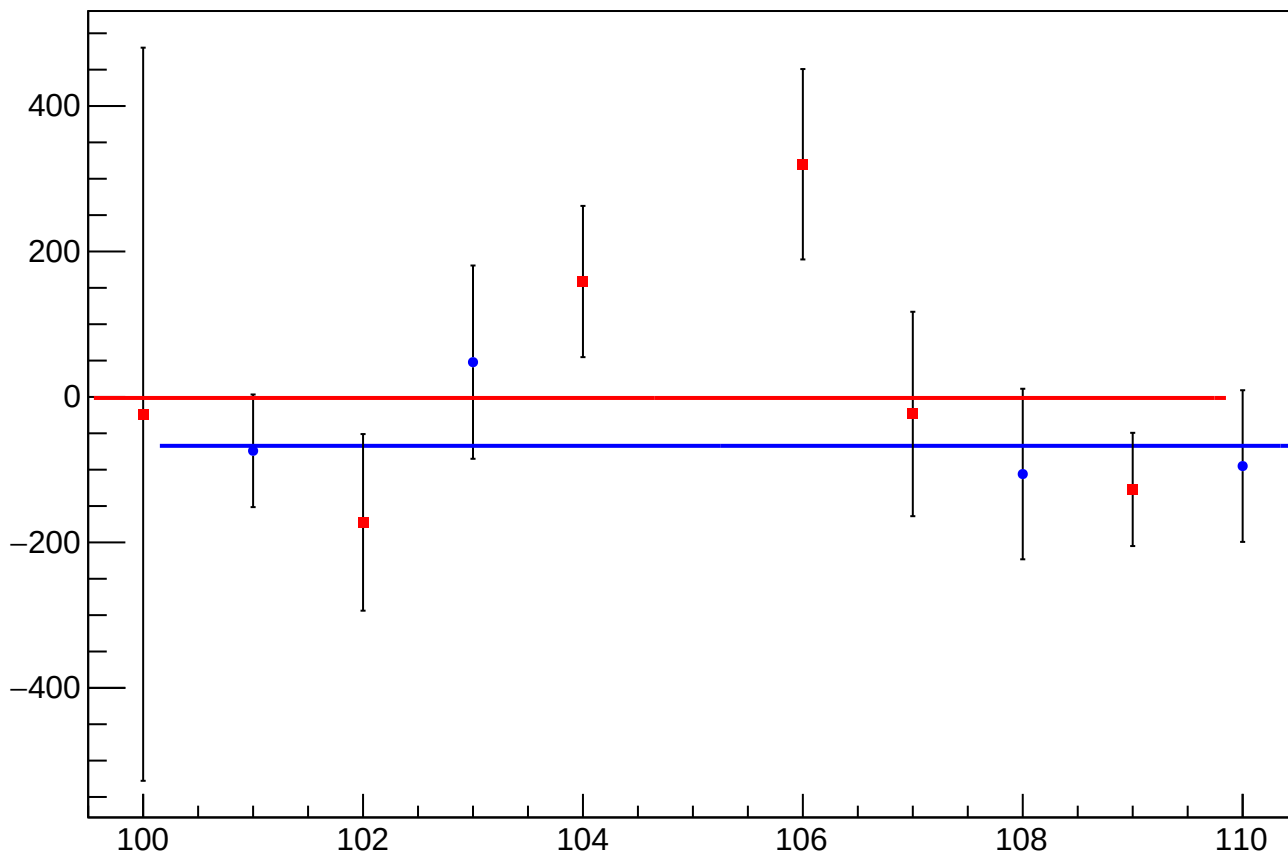
Right: 0.000+/-0.000 χ^2/NDF : 1139379.0/9

In: 0.000+/-0.000 χ^2/NDF : 586964.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1139379.0/9

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -67.220 ± 50.756 χ^2/NDF : 0.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.395 ± 47.764 χ^2/NDF : 13.0/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

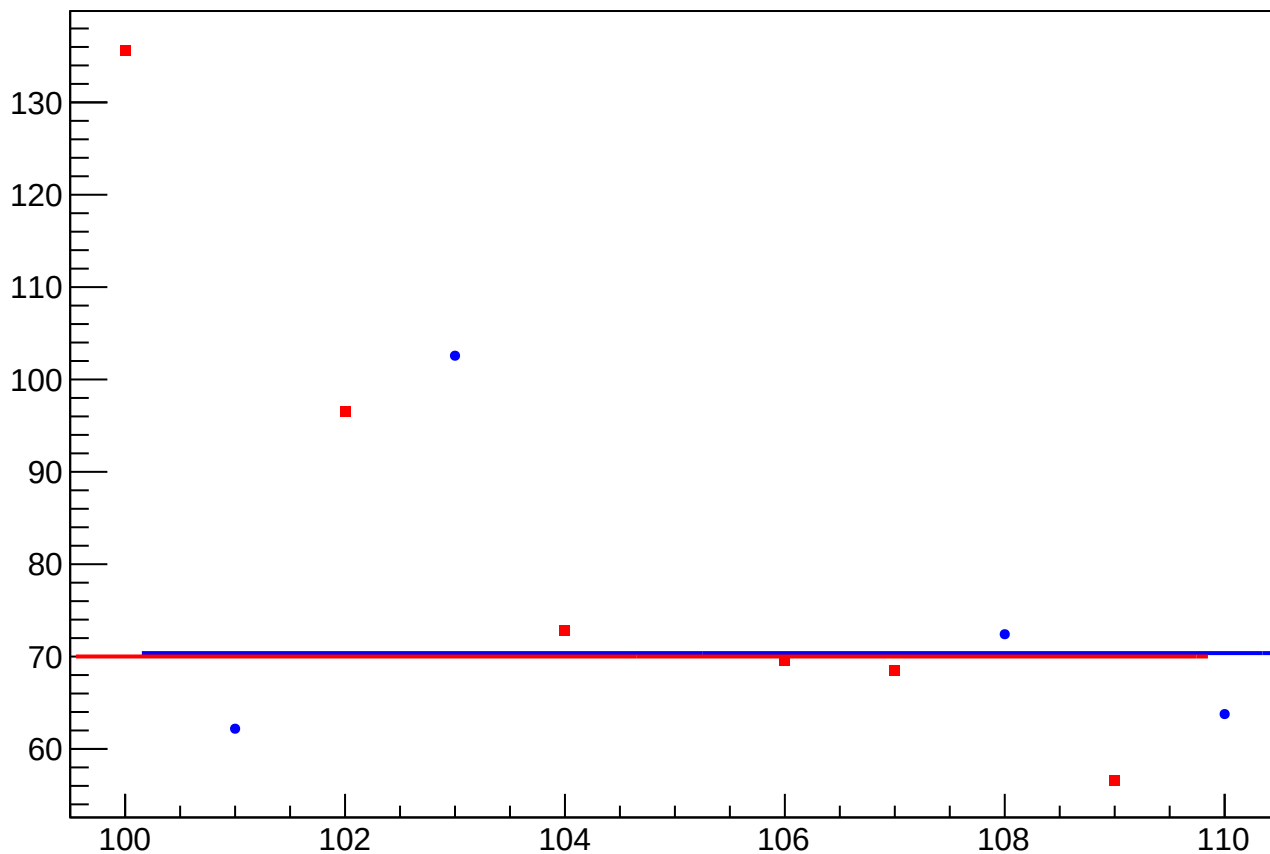
Right: -32.311 ± 34.784 χ^2/NDF : 14.8/9

In: -67.220 ± 50.756 χ^2/NDF : 0.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.311 ± 34.784 χ^2/NDF : 14.8/9

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 70.376+/-0.036 χ^2/NDF : 148411.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.009+/-0.034 χ^2/NDF : 190420.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

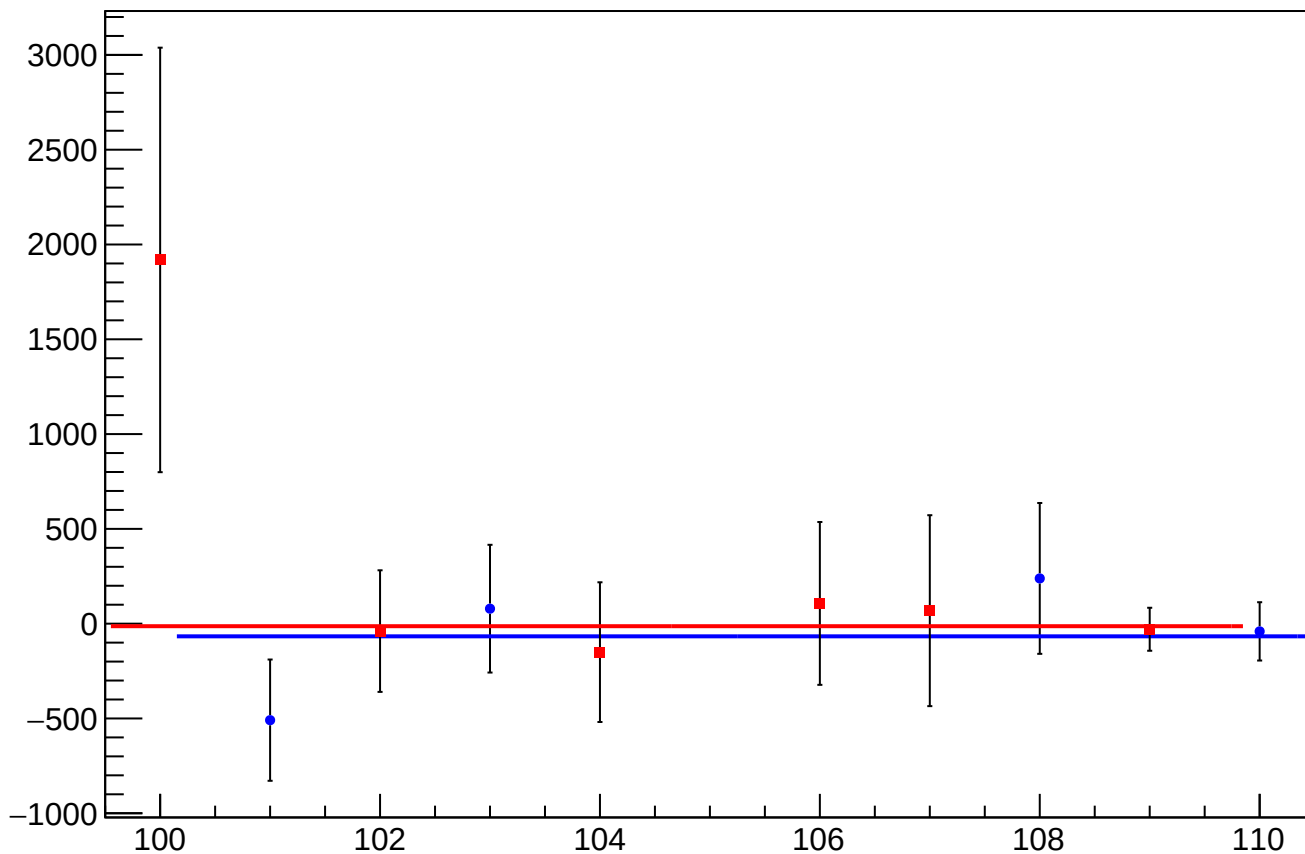
Right: 70.181+/-0.025 χ^2/NDF : 338887.6/9

In: 70.376+/-0.036 χ^2/NDF : 148411.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.181+/-0.025 χ^2/NDF : 338887.6/9

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -66.815 $\pm$ 122.001 χ^2 /NDF: 2.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.346 $\pm$ 97.574 χ^2 /NDF: 3.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

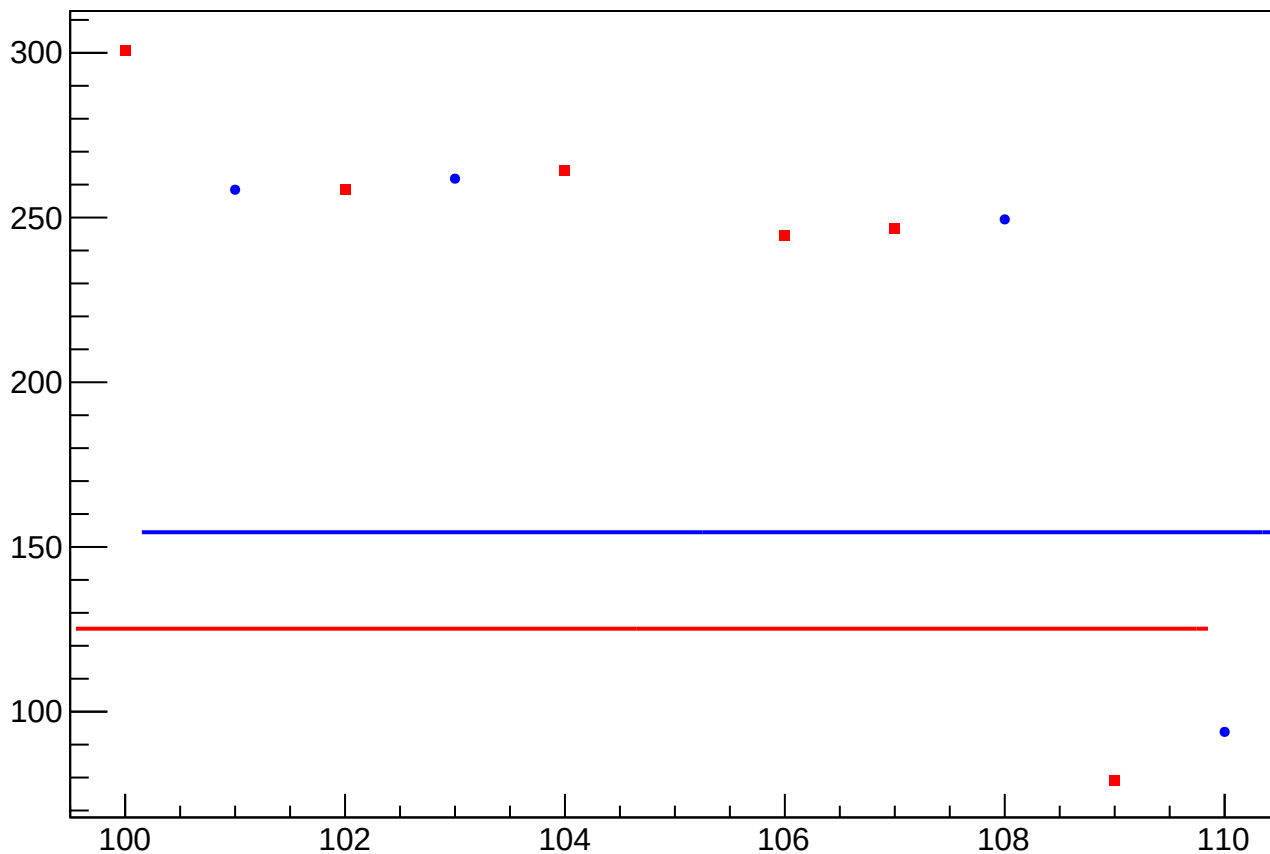
Right: -34.205 $\pm$ 76.201 χ^2 /NDF: 6.1/9

In: -66.815 $\pm$ 122.001 χ^2 /NDF:2.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -34.205 $\pm$ 76.201 χ^2 /NDF: 6.1/9

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 154.469+/-0.086 χ^2/NDF : 838989.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.194+/-0.069 χ^2/NDF : 1280683.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

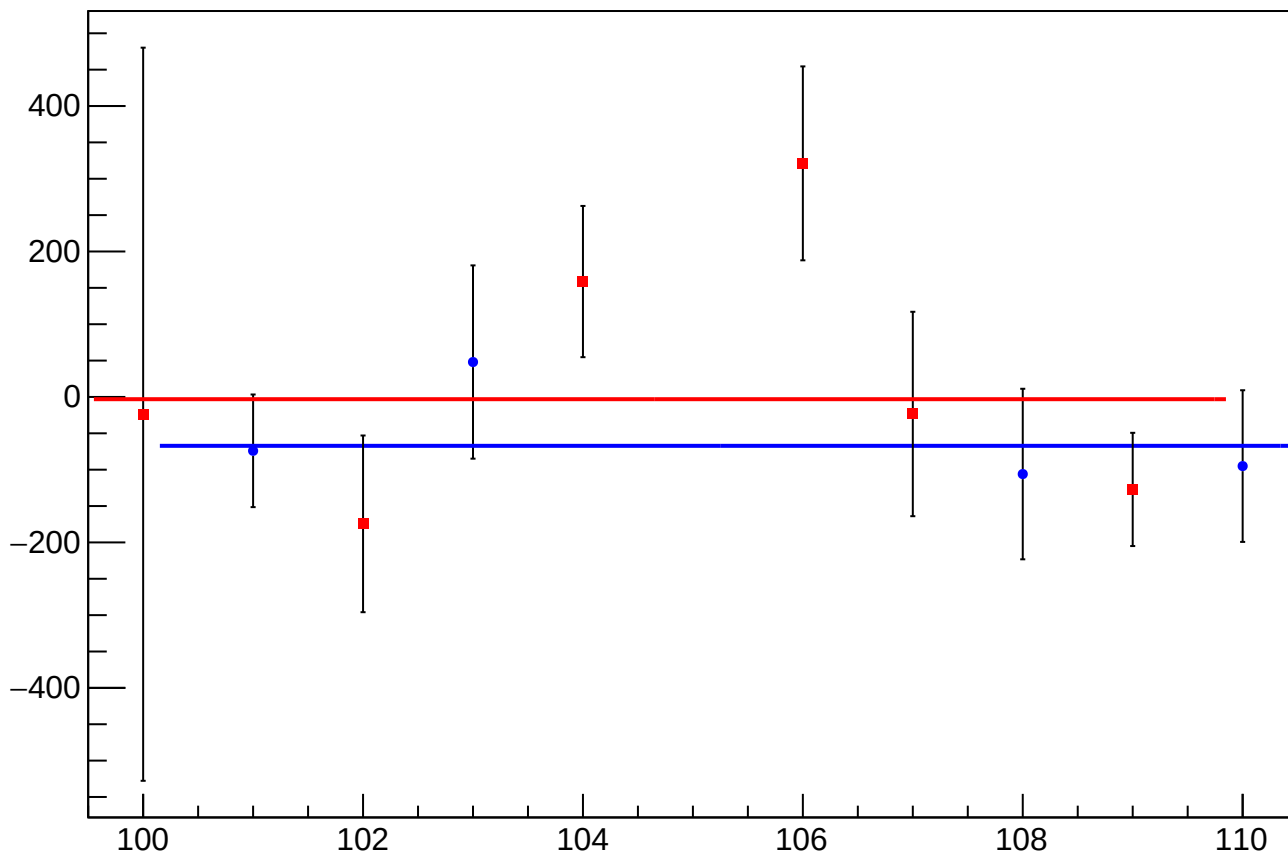
Right: 136.614+/-0.054 χ^2/NDF : 2189905.4/9

In: 154.469+/-0.086 χ^2/NDF : 838989.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.614+/-0.054 χ^2/NDF : 2189905.4/9

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -67.204 ± 50.756 χ^2/NDF : 0.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.084 ± 47.882 χ^2/NDF : 12.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

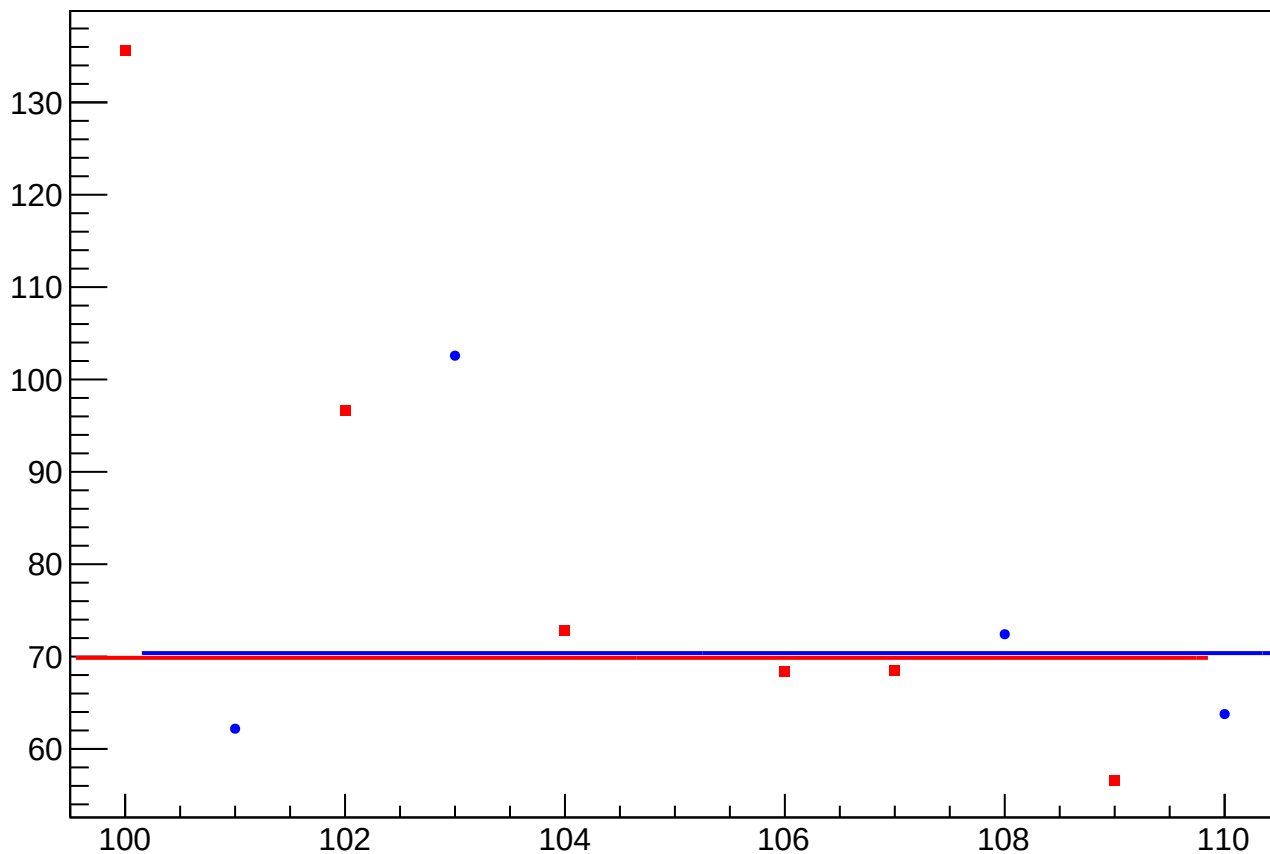
Right: -33.277 ± 34.829 χ^2/NDF : 14.7/9

In: -67.204 ± 50.756 χ^2/NDF : 0.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.277 ± 34.829 χ^2/NDF : 14.7/9

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 70.376+/-0.036 χ^2/NDF : 148413.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.862+/-0.034 χ^2/NDF : 190835.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

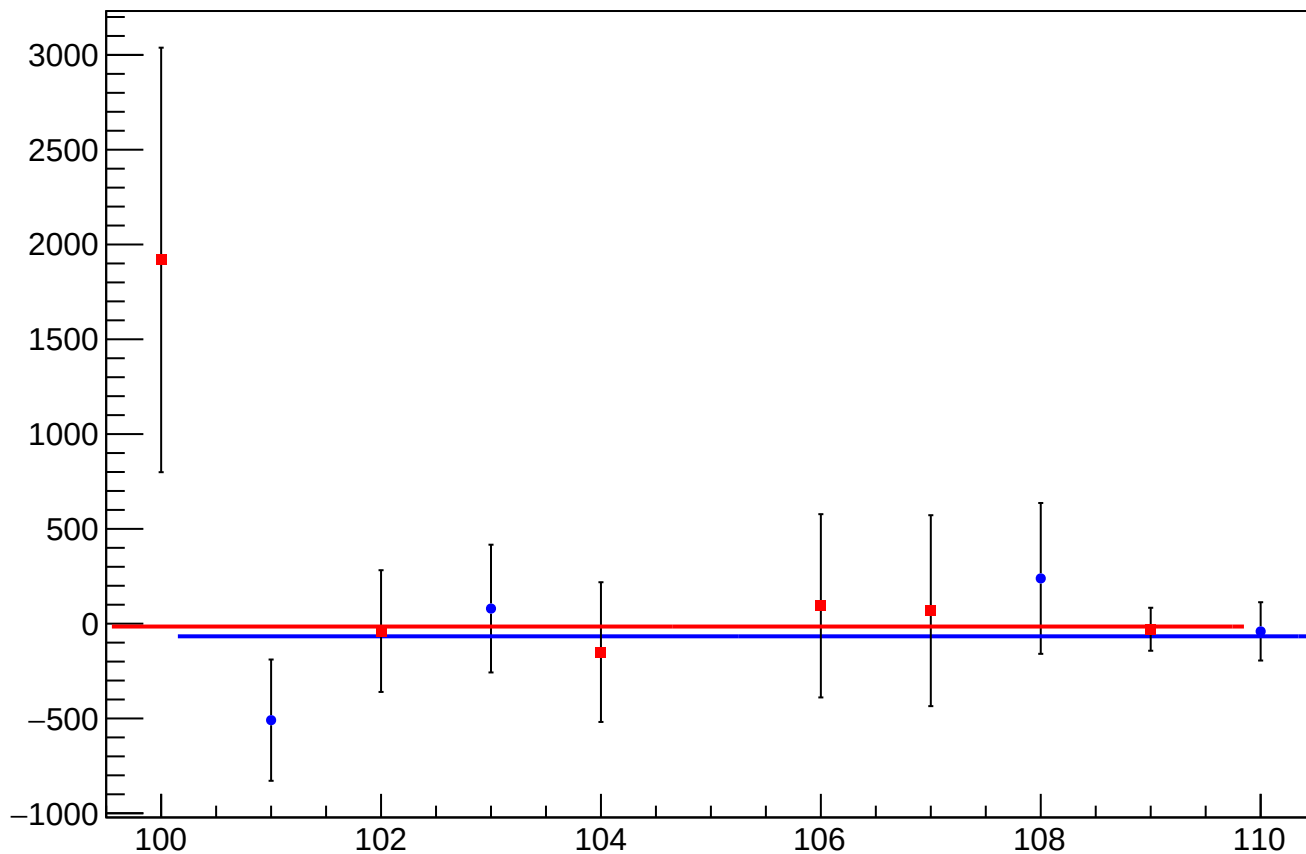
Right: 70.104+/-0.025 χ^2/NDF : 339357.7/9

In: 70.376+/-0.036 χ^2/NDF : 148413.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.104+/-0.025 χ^2/NDF : 339357.7/9

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -66.753+/-122.003 χ^2/NDF : 2.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.128+/-98.117 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

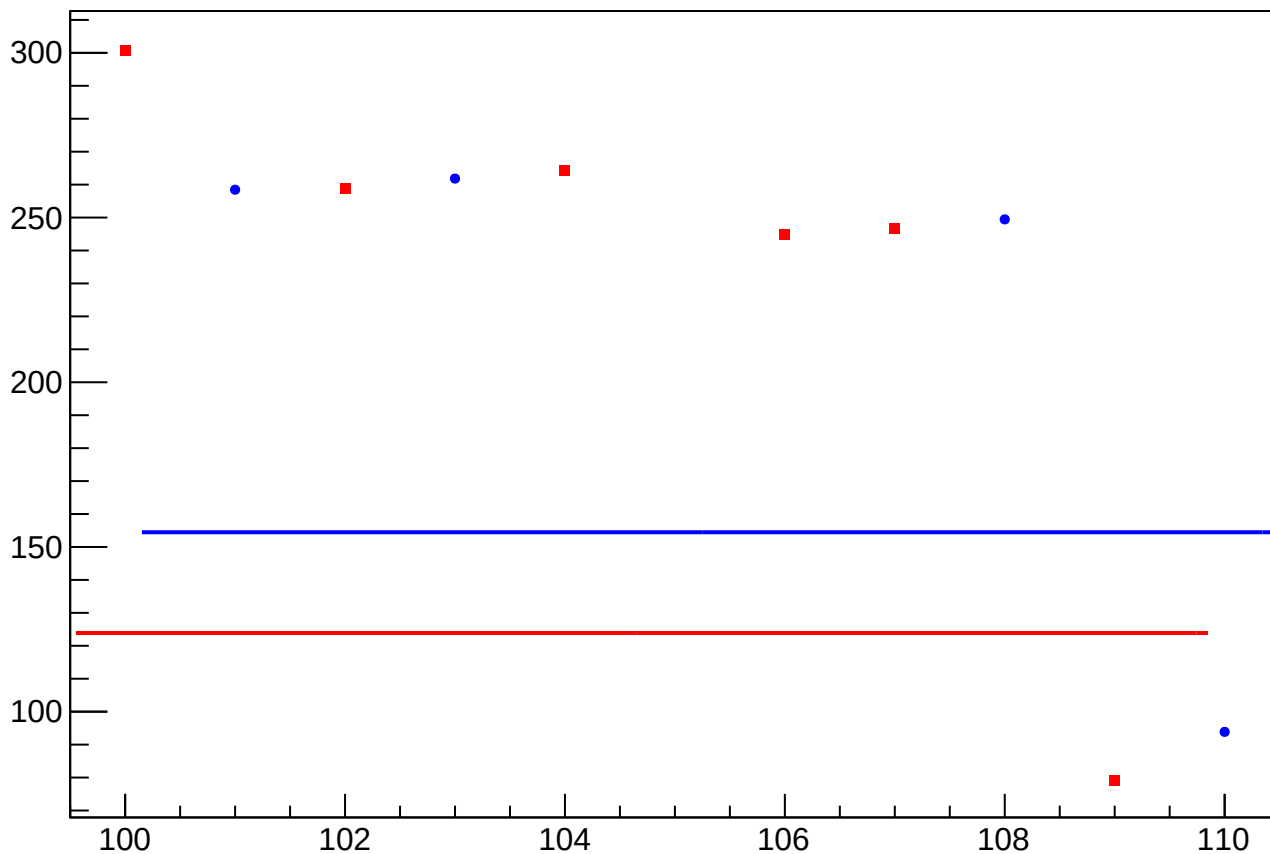
Right: -35.404+/-76.459 χ^2/NDF : 6.0/9

In: -66.753+/-122.003 χ^2/NDF : 2.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.404+/-76.459 χ^2/NDF : 6.0/9

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 154.469+/-0.086 χ^2/NDF : 839038.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.887+/-0.069 χ^2/NDF : 1248975.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

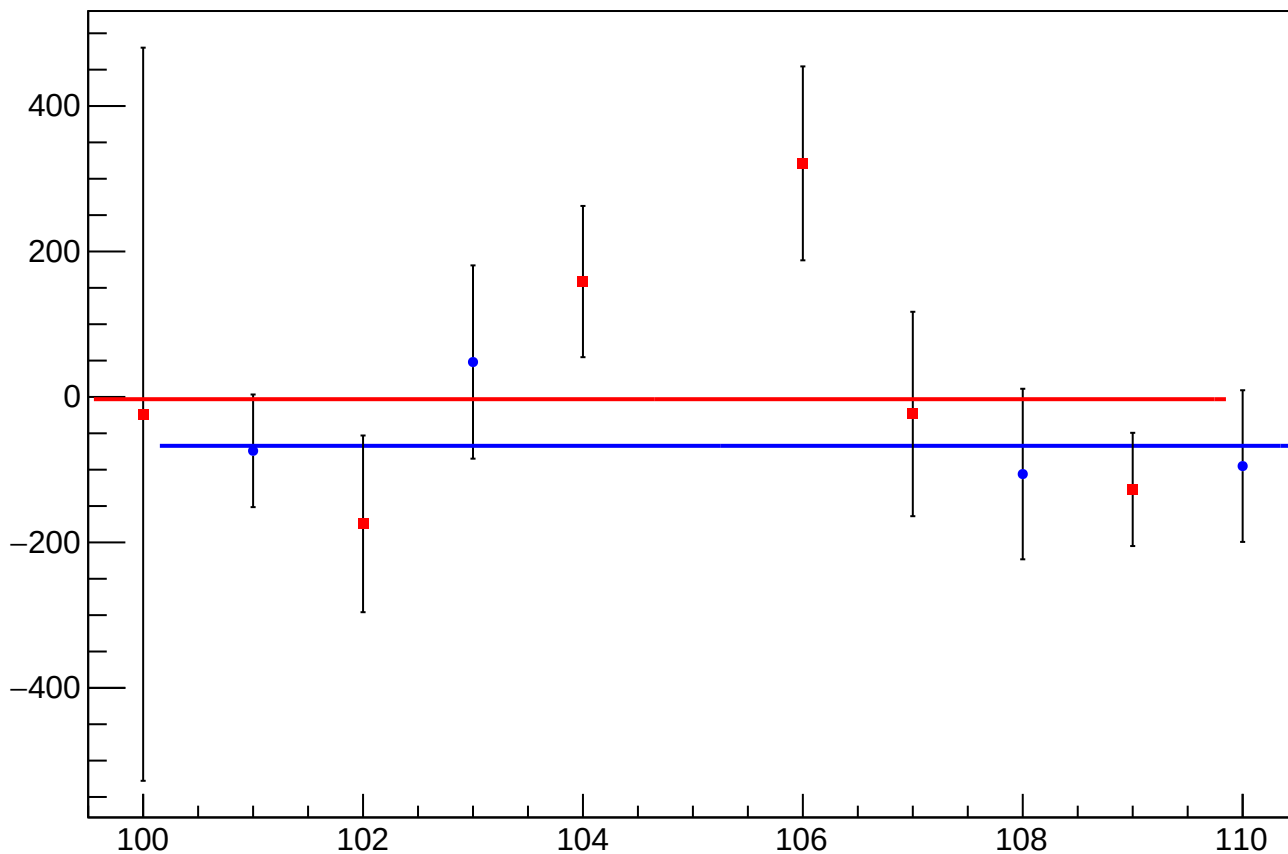
Right: 135.898+/-0.054 χ^2/NDF : 2164325.5/9

In: 154.469+/-0.086 χ^2/NDF : 839038.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.898+/-0.054 χ^2/NDF : 2164325.5/9

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -67.204+/-50.756 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.084+/-47.882 χ^2/NDF : 12.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

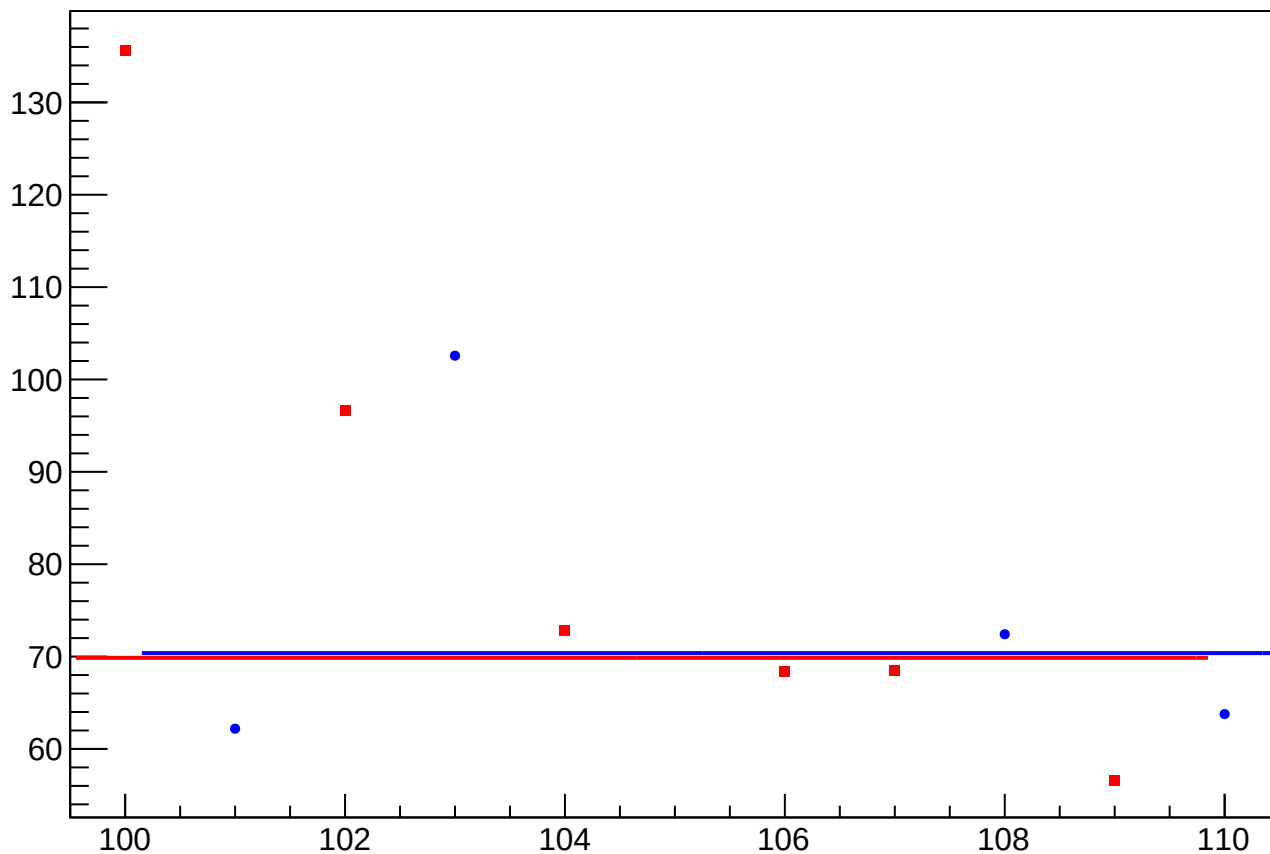
Right: -33.277+/-34.829 χ^2/NDF : 14.7/9

In: -67.204+/-50.756 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.277+/-34.829 χ^2/NDF : 14.7/9

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 70.376+/-0.036 χ^2/NDF : 148413.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.862+/-0.034 χ^2/NDF : 190835.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

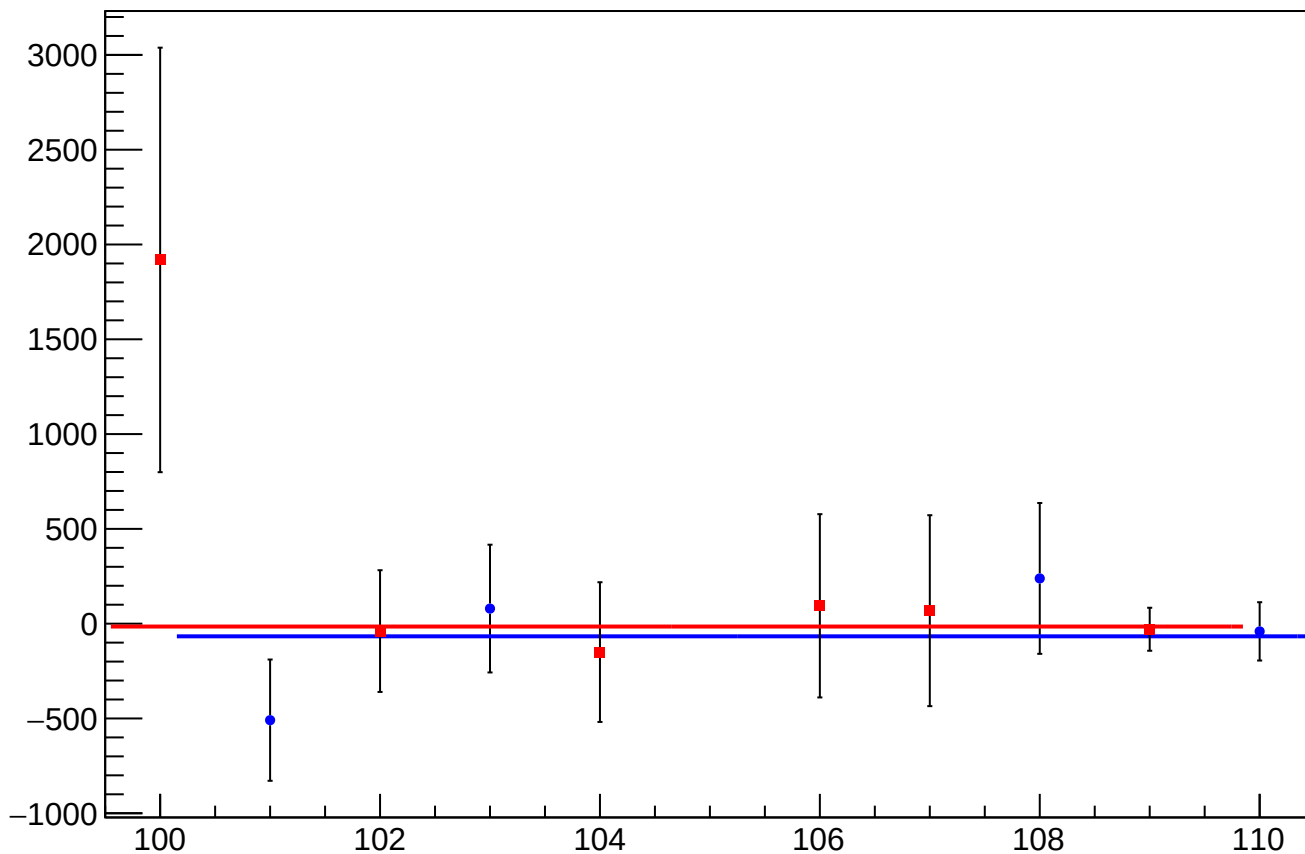
Right: 70.104+/-0.025 χ^2/NDF : 339357.7/9

In: 70.376+/-0.036 χ^2/NDF : 148413.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.104+/-0.025 χ^2/NDF : 339357.7/9

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -66.753 $\pm$ 122.003 χ^2 /NDF: 2.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.128 $\pm$ 98.117 χ^2 /NDF: 3.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

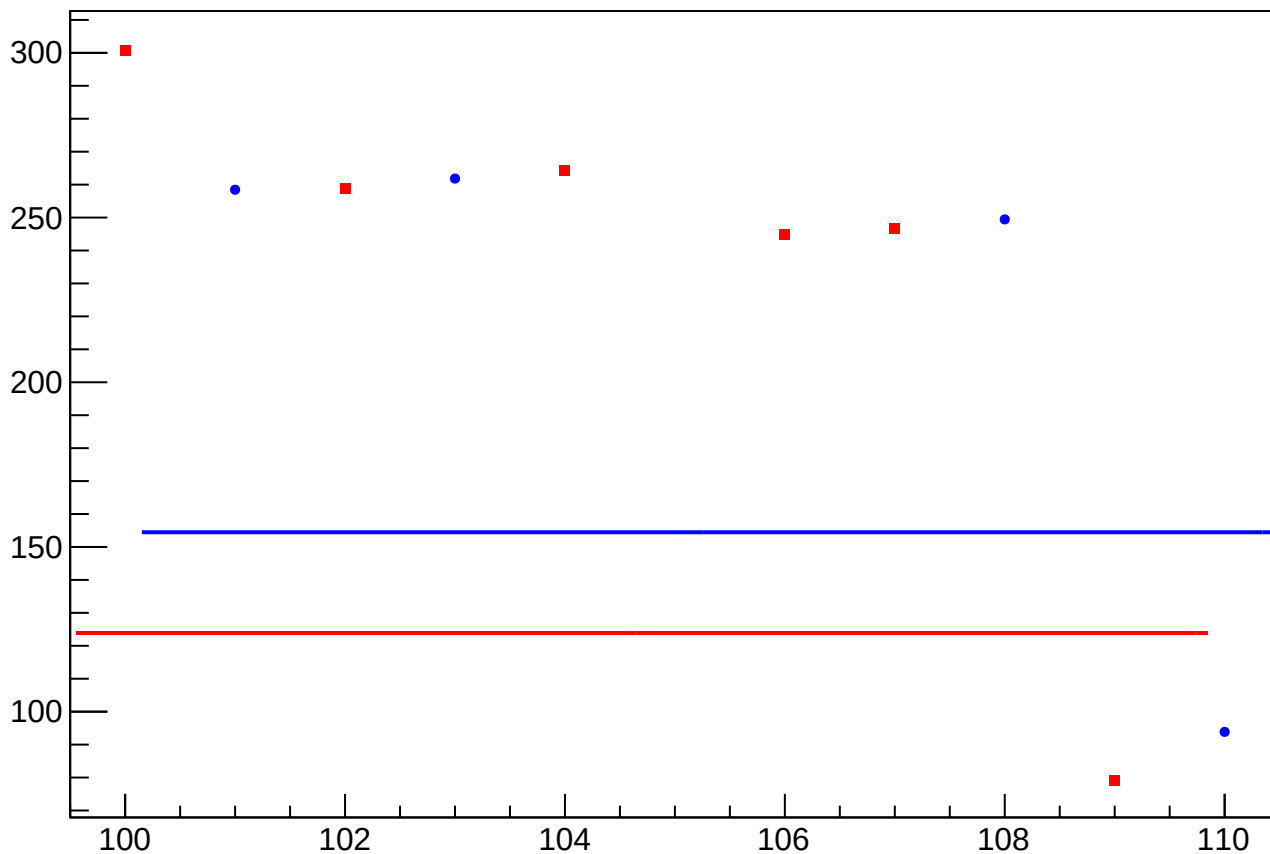
Right: -35.404 $\pm$ 76.459 χ^2 /NDF: 6.0/9

In: -66.753 $\pm$ 122.003 χ^2 /NDF:2.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -35.404 $\pm$ 76.459 χ^2 /NDF: 6.0/9

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 154.469+/-0.086 χ^2/NDF : 839038.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.887+/-0.069 χ^2/NDF : 1248975.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

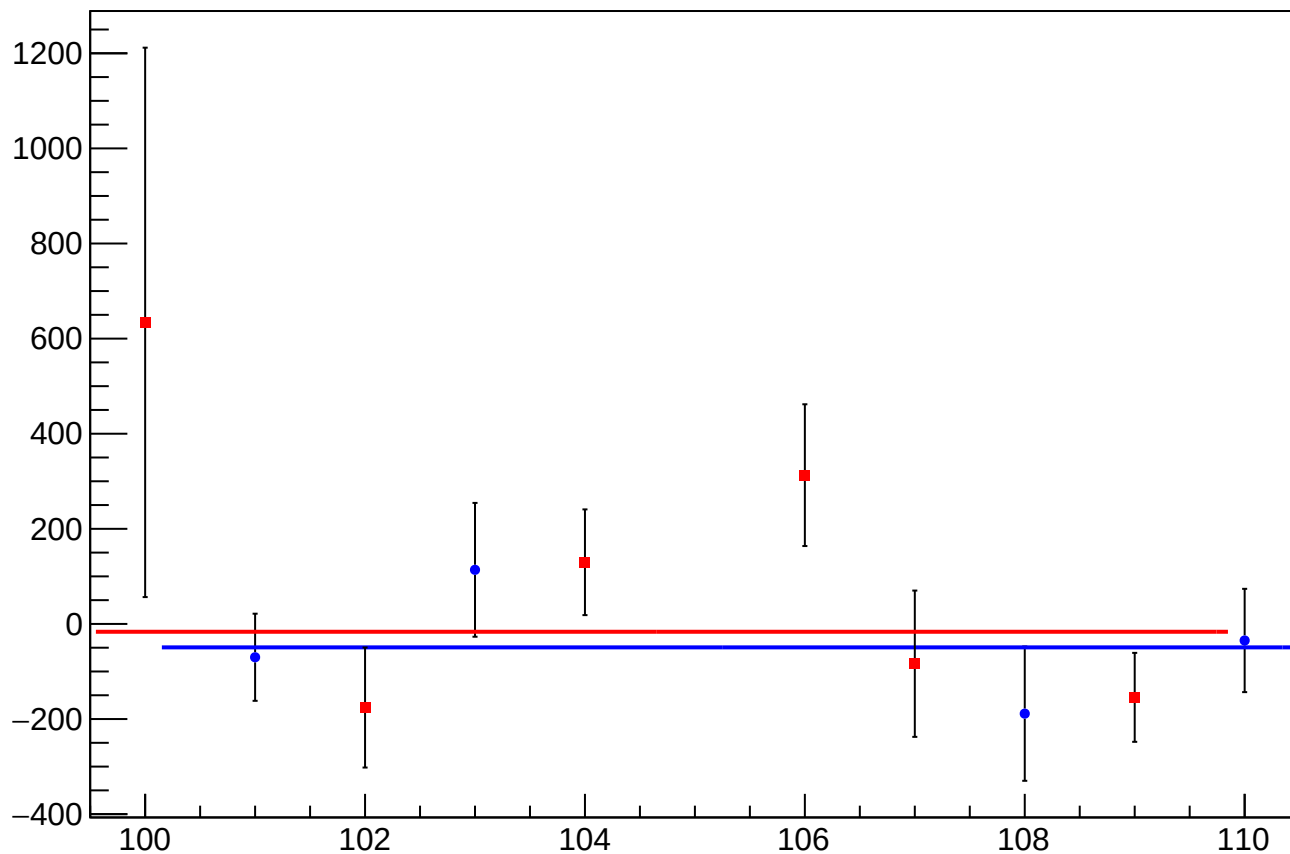
Right: 135.898+/-0.054 χ^2/NDF : 2164325.5/9

In: 154.469+/-0.086 χ^2/NDF : 839038.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.898+/-0.054 χ^2/NDF : 2164325.5/9

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -49.290 ± 57.299 χ^2/NDF : 2.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.463 ± 53.584 χ^2/NDF : 11.8/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

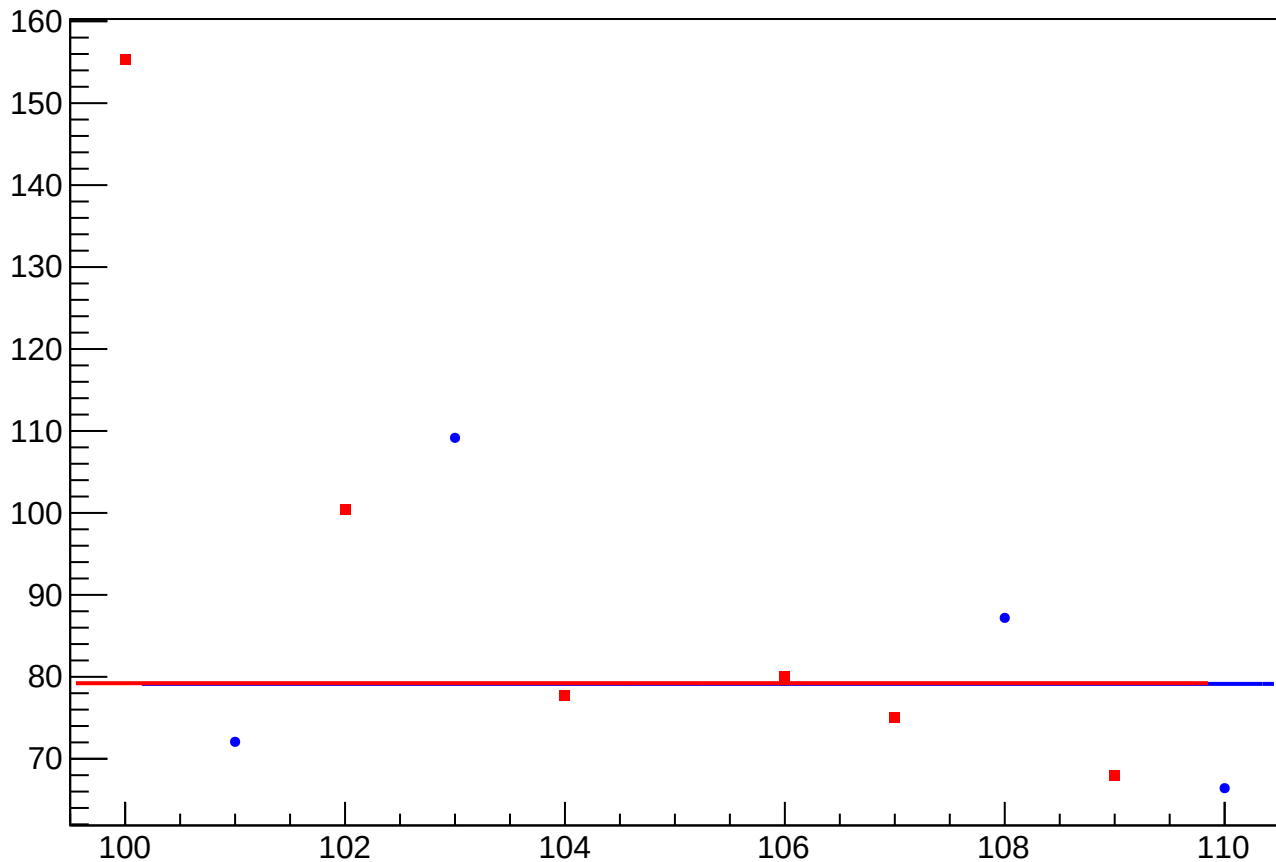
Right: -31.778 ± 39.137 χ^2/NDF : 14.4/9

In: -49.290 ± 57.299 χ^2/NDF : 2.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.778 ± 39.137 χ^2/NDF : 14.4/9

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 79.139+/-0.041 χ^2/NDF : 136924.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.224+/-0.038 χ^2/NDF : 122434.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

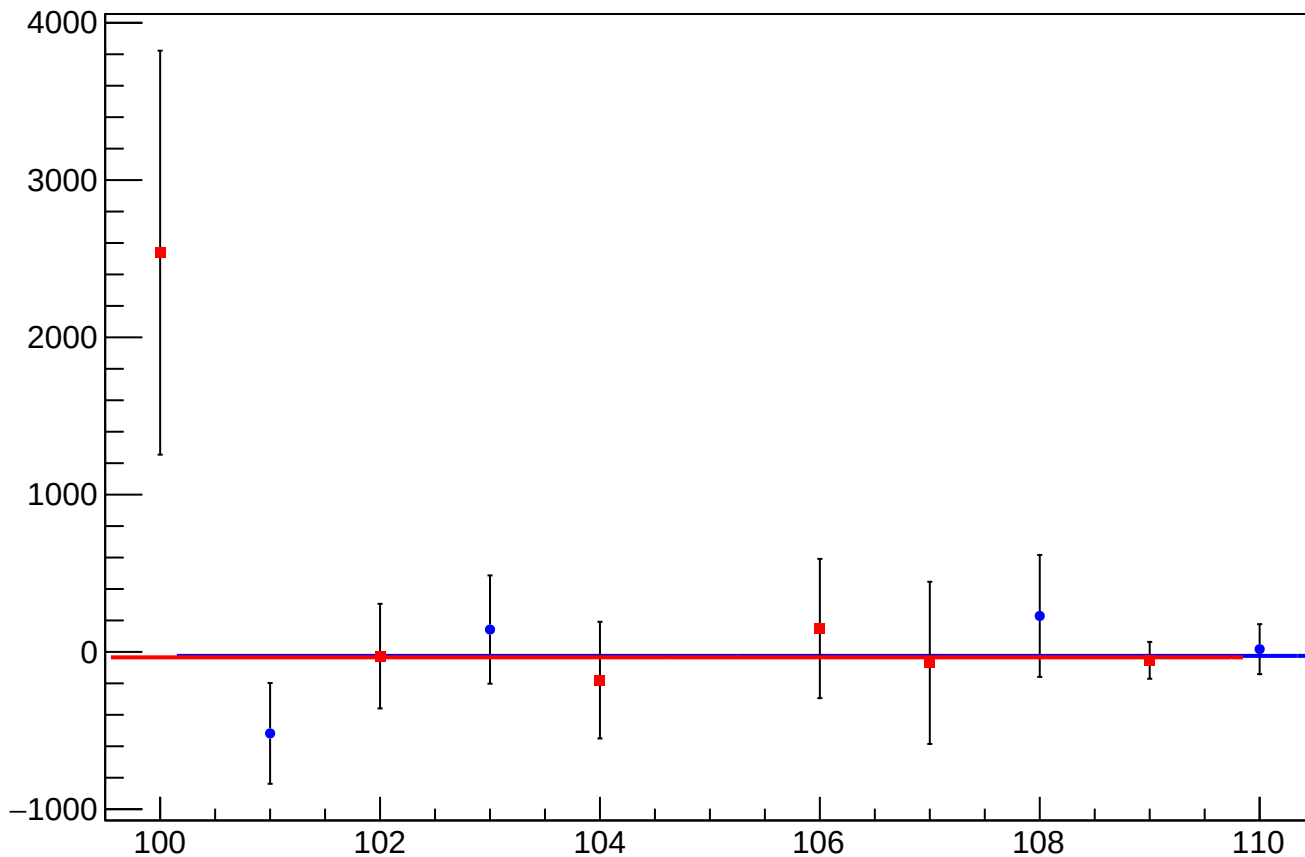
Right: 79.184+/-0.028 χ^2/NDF : 259361.7/9

In: 79.139+/-0.041 χ^2/NDF : 136924.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.184+/-0.028 χ^2/NDF : 259361.7/9

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -25.288 $\pm$ 124.563 χ^2 /NDF: 3.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -34.619 $\pm$ 100.677 χ^2 /NDF: 4.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

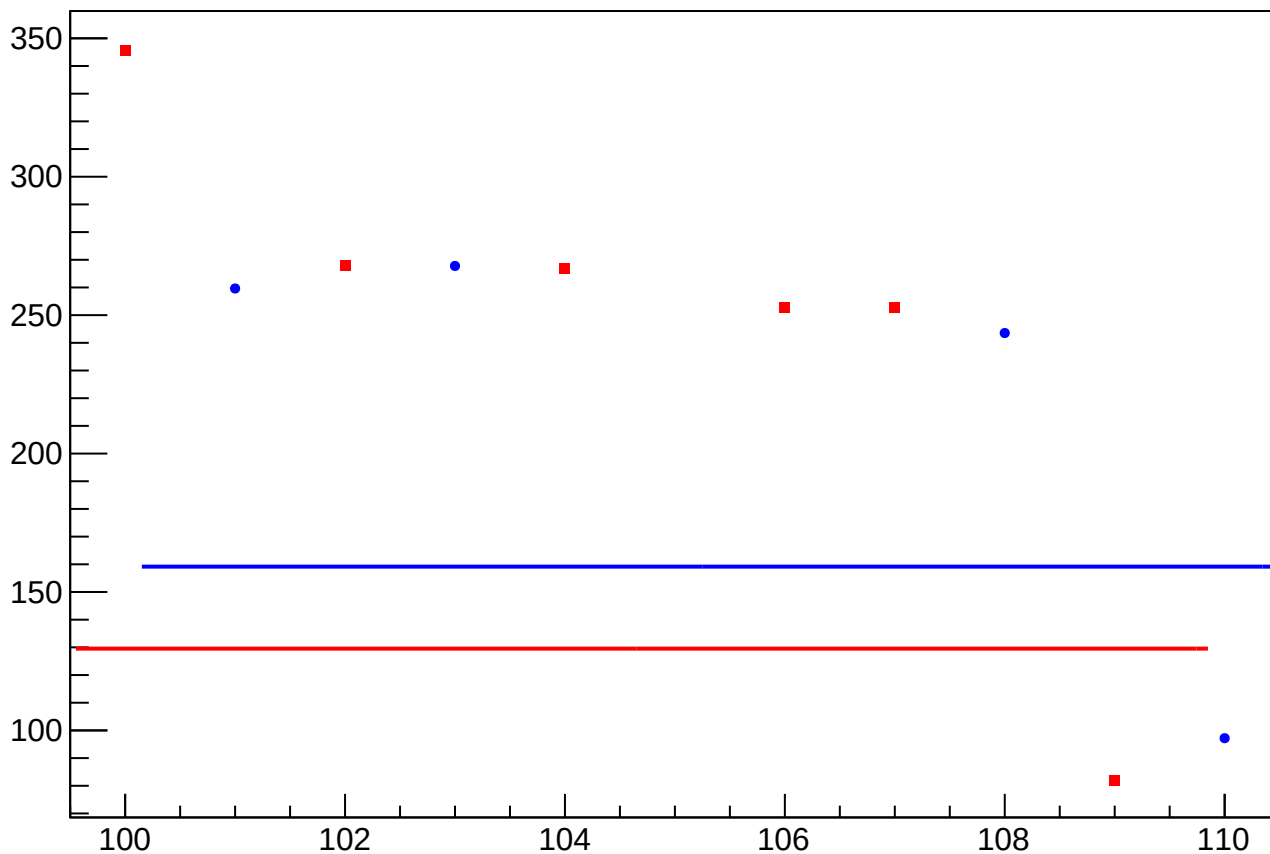
Right: -30.932 $\pm$ 78.300 χ^2 /NDF: 7.5/9

In: -25.288 $\pm$ 124.563 χ^2 /NDF:3.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.932 $\pm$ 78.300 χ^2 /NDF: 7.5/9

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 159.161+/-0.088 χ^2/NDF : 794696.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.543+/-0.071 χ^2/NDF : 1277513.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

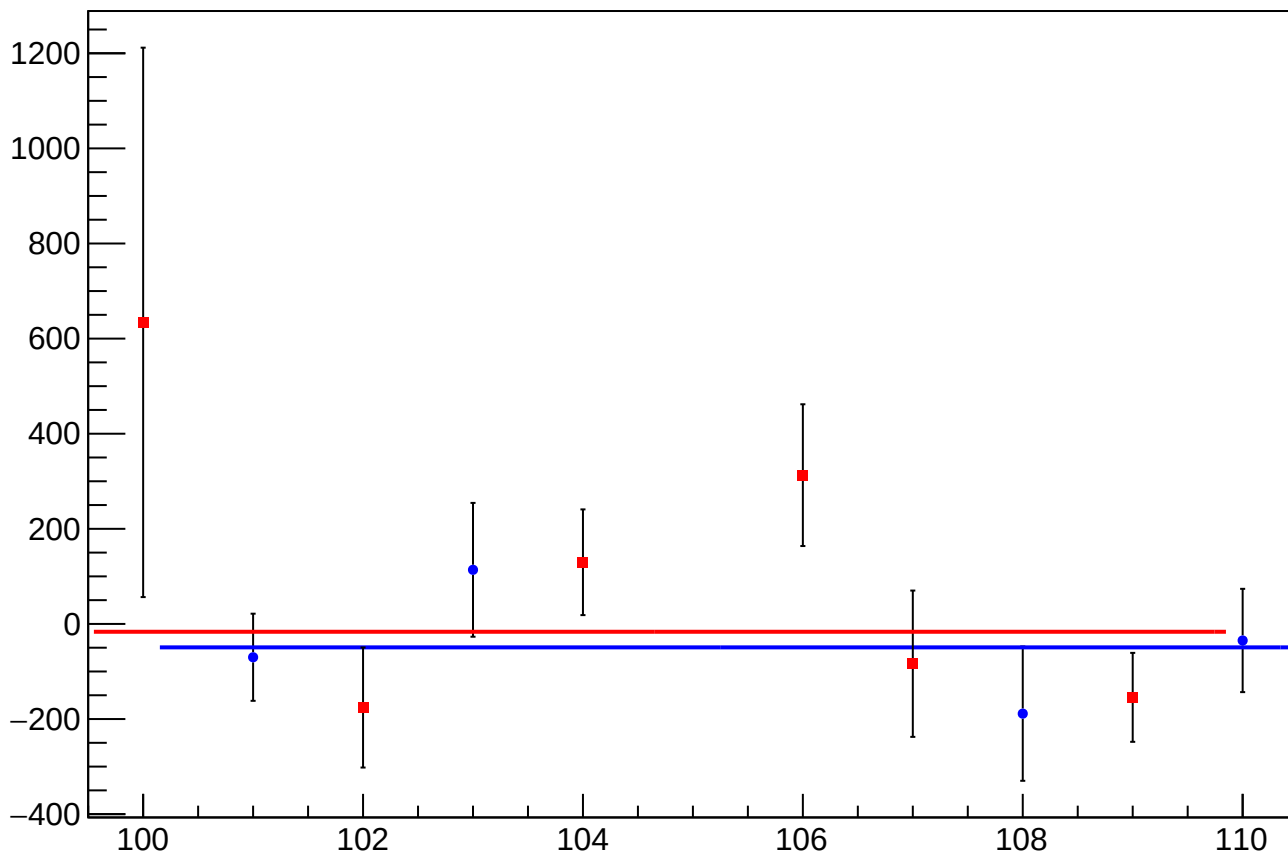
Right: 141.246+/-0.055 χ^2/NDF : 2140602.8/9

In: 159.161+/-0.088 χ^2/NDF : 794696.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.246+/-0.055 χ^2/NDF : 2140602.8/9

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -49.287 ± 57.299 χ^2/NDF : 2.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.464 ± 53.584 χ^2/NDF : 11.8/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

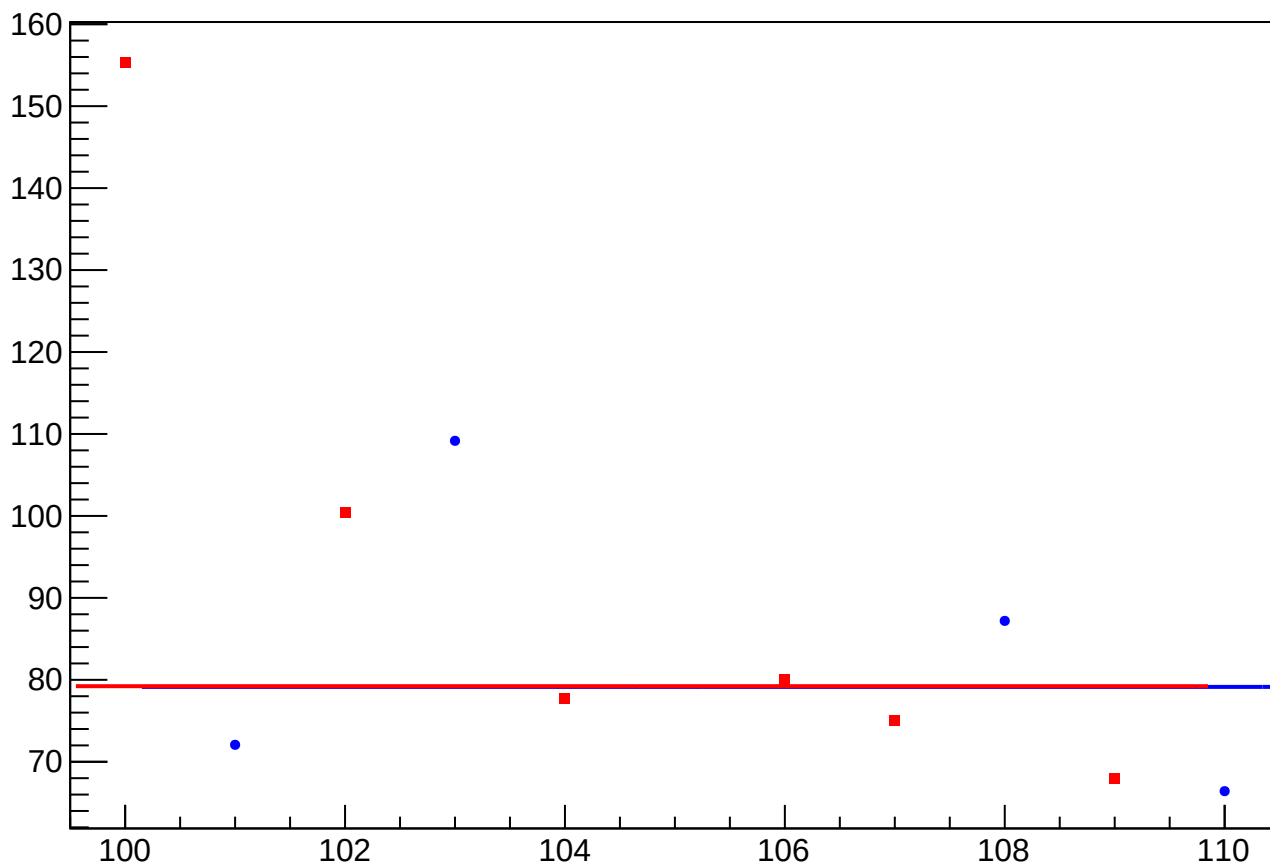
Right: -31.777 ± 39.137 χ^2/NDF : 14.4/9

In: -49.287 ± 57.299 χ^2/NDF : 2.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.777 ± 39.137 χ^2/NDF : 14.4/9

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 79.139+/-0.041 χ^2/NDF : 136925.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.224+/-0.038 χ^2/NDF : 122434.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

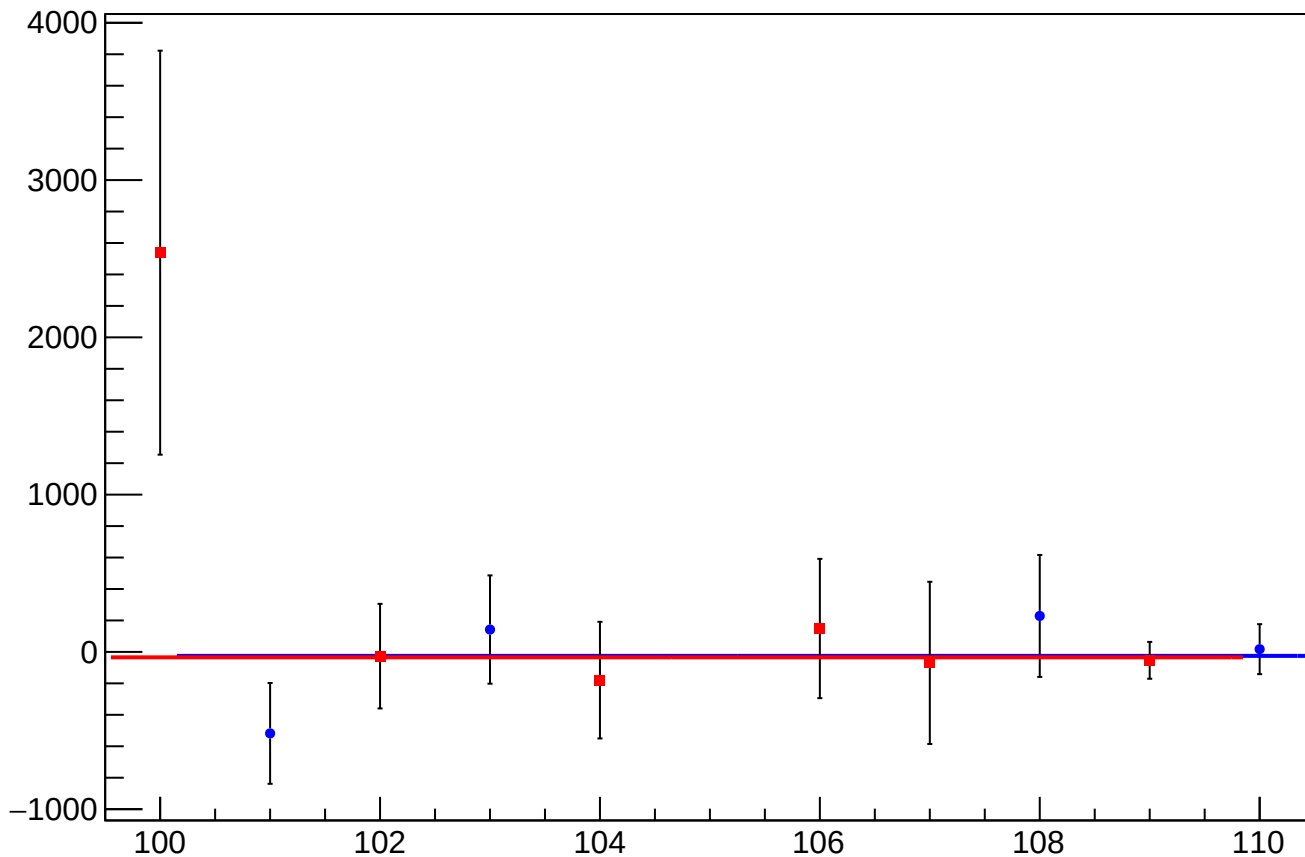
Right: 79.184+/-0.028 χ^2/NDF : 259361.8/9

In: 79.139+/-0.041 χ^2/NDF : 136925.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.184+/-0.028 χ^2/NDF : 259361.8/9

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -25.287+/-124.562 χ^2/NDF : 3.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.620+/-100.677 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

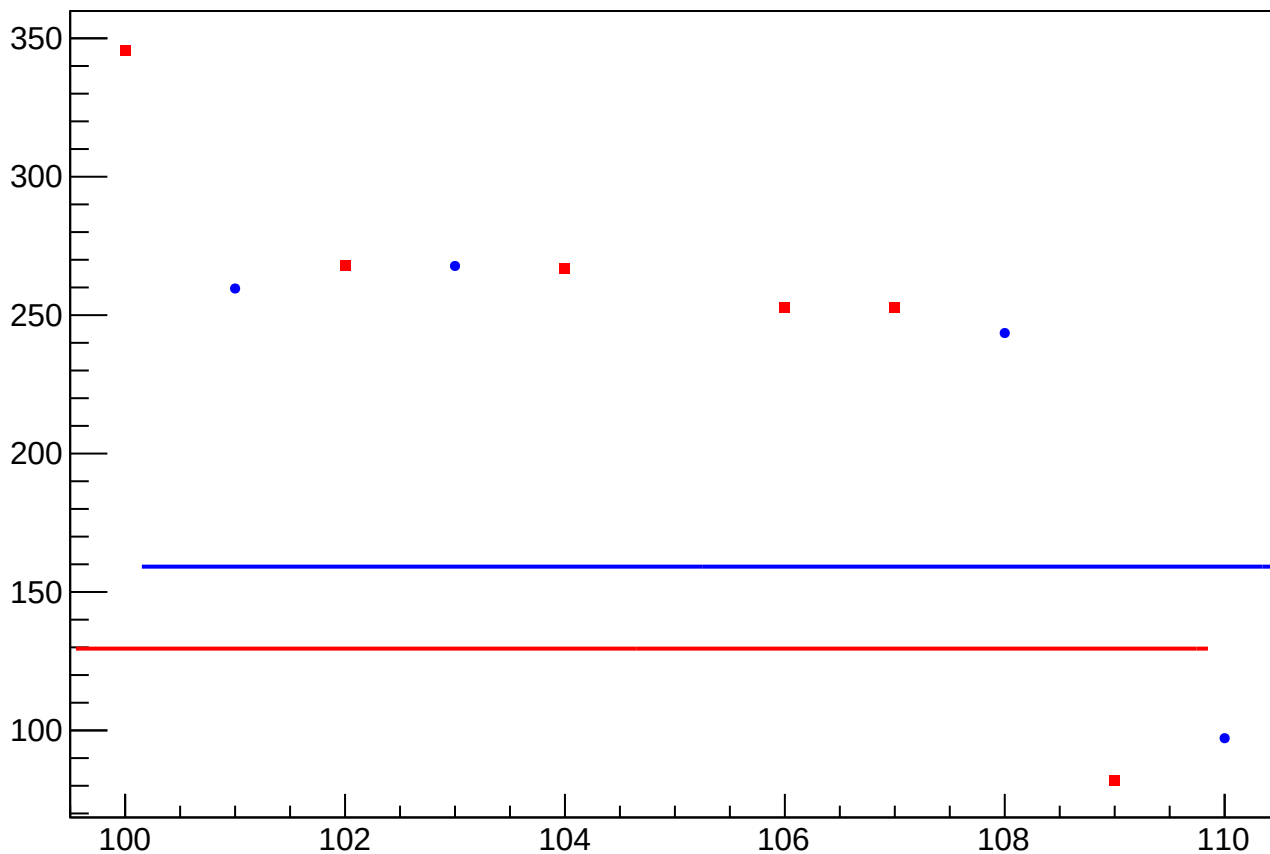
Right: -30.932+/-78.299 χ^2/NDF : 7.5/9

In: -25.287+/-124.562 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.932+/-78.299 χ^2/NDF : 7.5/9

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 159.159+/-0.088 χ^2/NDF : 794697.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.544+/-0.071 χ^2/NDF : 1277487.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

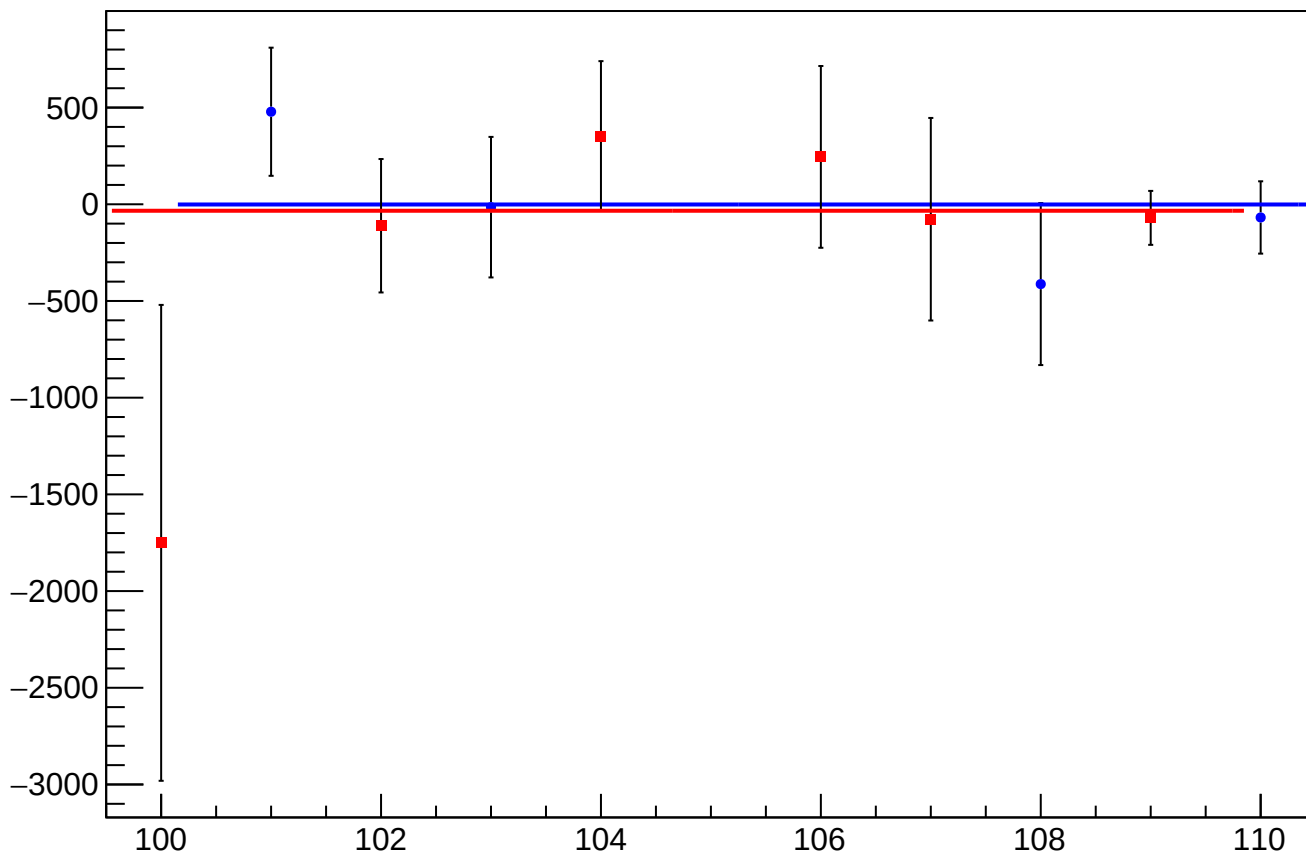
Right: 141.246+/-0.055 χ^2/NDF : 2140569.0/9

In: 159.159+/-0.088 χ^2/NDF : 794697.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.246+/-0.055 χ^2/NDF : 2140569.0/9

asym_sam8_mean vs Slug, Sign Corrected



Right In: -1.097 ± 140.043 χ^2/NDF : 3.2/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -33.500 ± 115.227 χ^2/NDF : 3.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

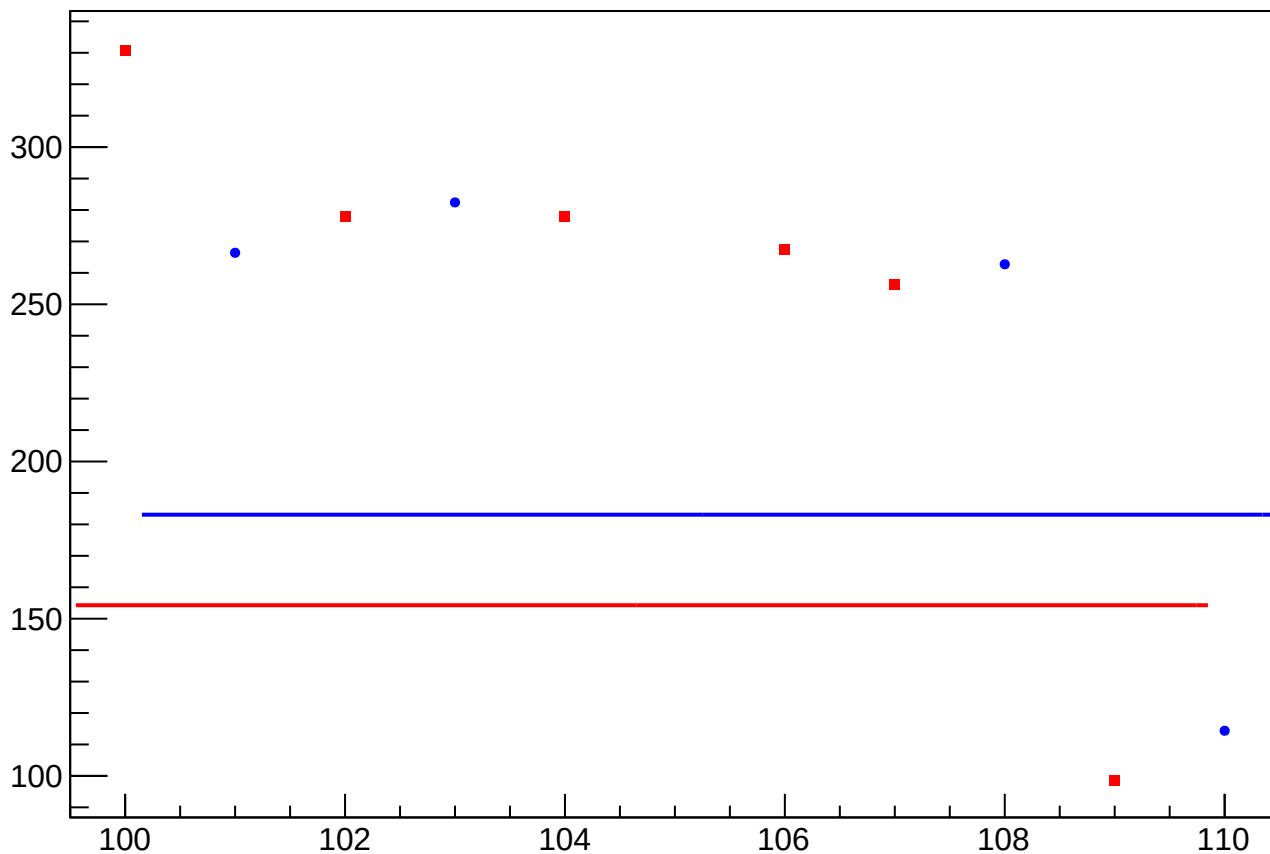
Right: -20.419 ± 88.979 χ^2/NDF : 6.6/9

In: -1.097 ± 140.043 χ^2/NDF : 3.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.419 ± 88.979 χ^2/NDF : 6.6/9

asym_sam8_rms vs Slug, Sign Corrected



Right In: 183.085+/-0.099 χ^2/NDF : 618431.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.287+/-0.081 χ^2/NDF : 1013899.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

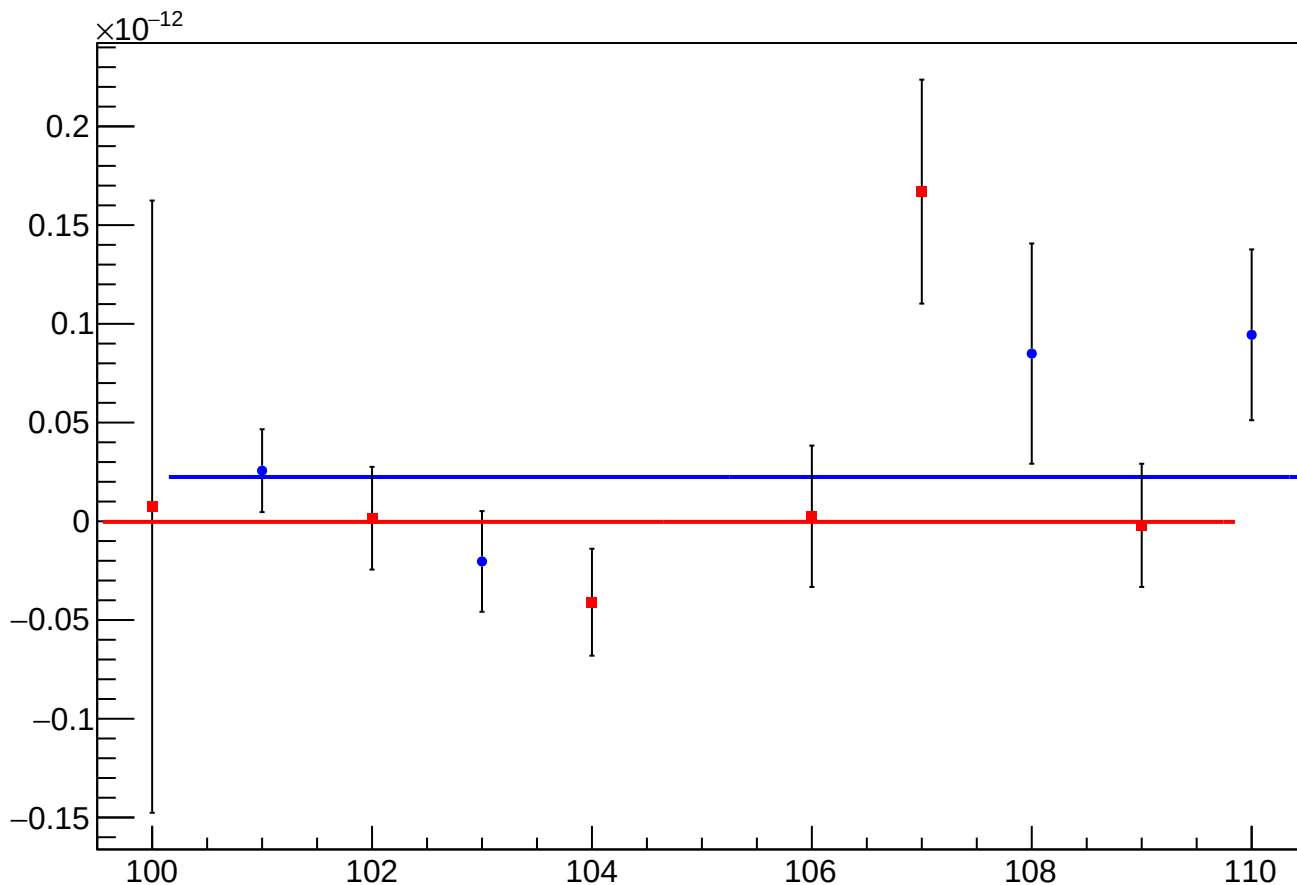
Right: 165.913+/-0.063 χ^2/NDF : 1682763.9/9

In: 183.085+/-0.099 χ^2/NDF : 618431.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.913+/-0.063 χ^2/NDF : 1682763.9/9

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

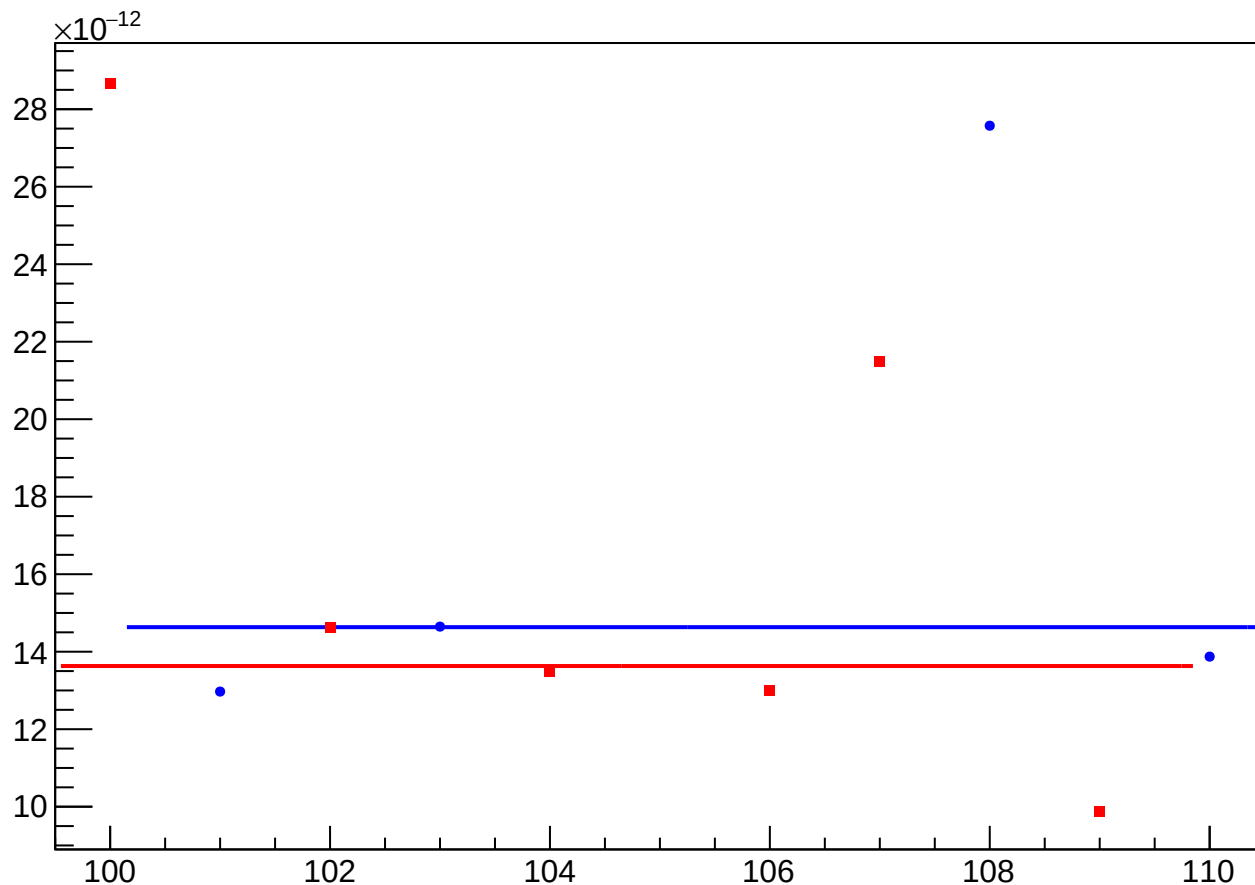
Right: 0.000+/-0.000 χ^2/NDF : 19.1/9

In: 0.000+/-0.000 χ^2/NDF : 6.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.1/9

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 120857.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 90002.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

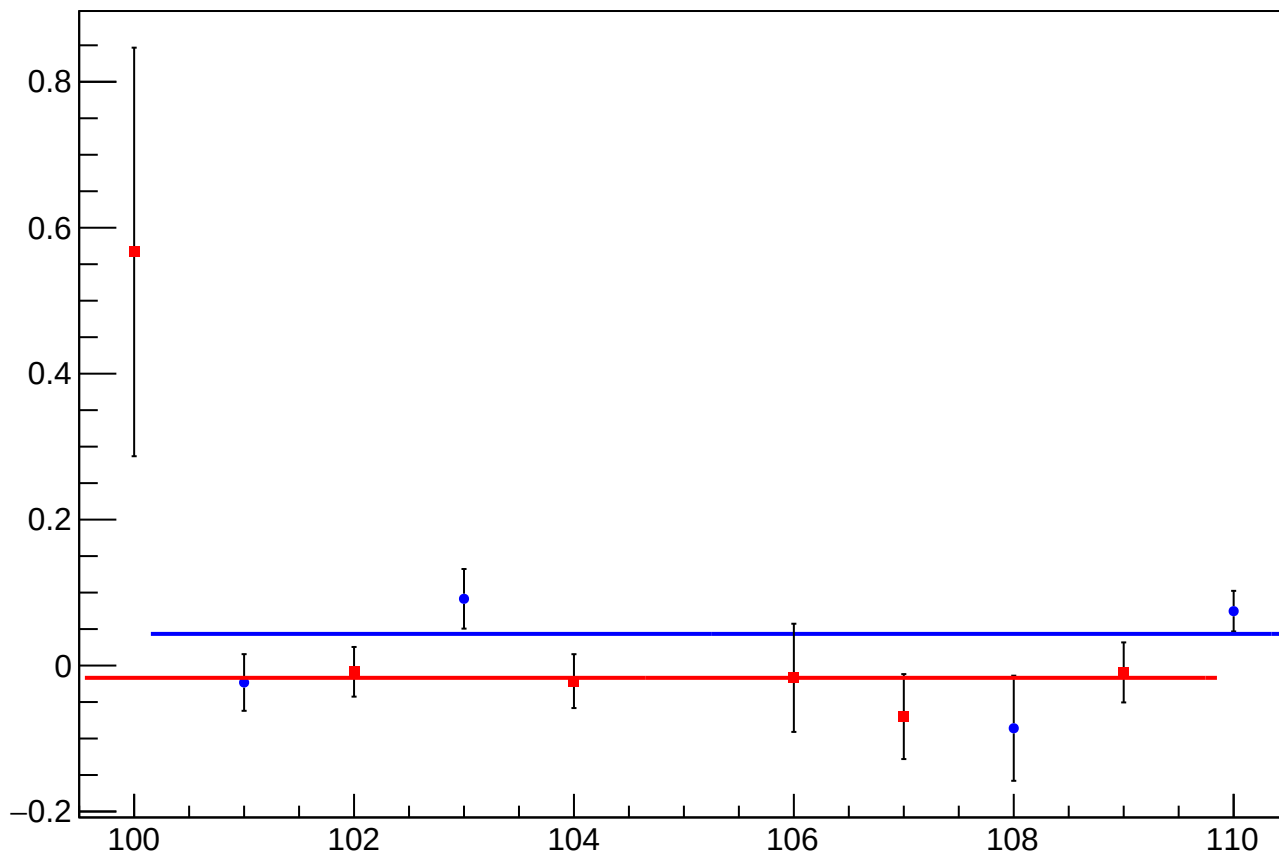
Right: 0.000+/-0.000 χ^2/NDF : 215720.2/9

In: 0.000+/-0.000 χ^2/NDF : 120857.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 215720.2/9

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.043+/-0.019 χ^2/NDF : 8.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.019 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

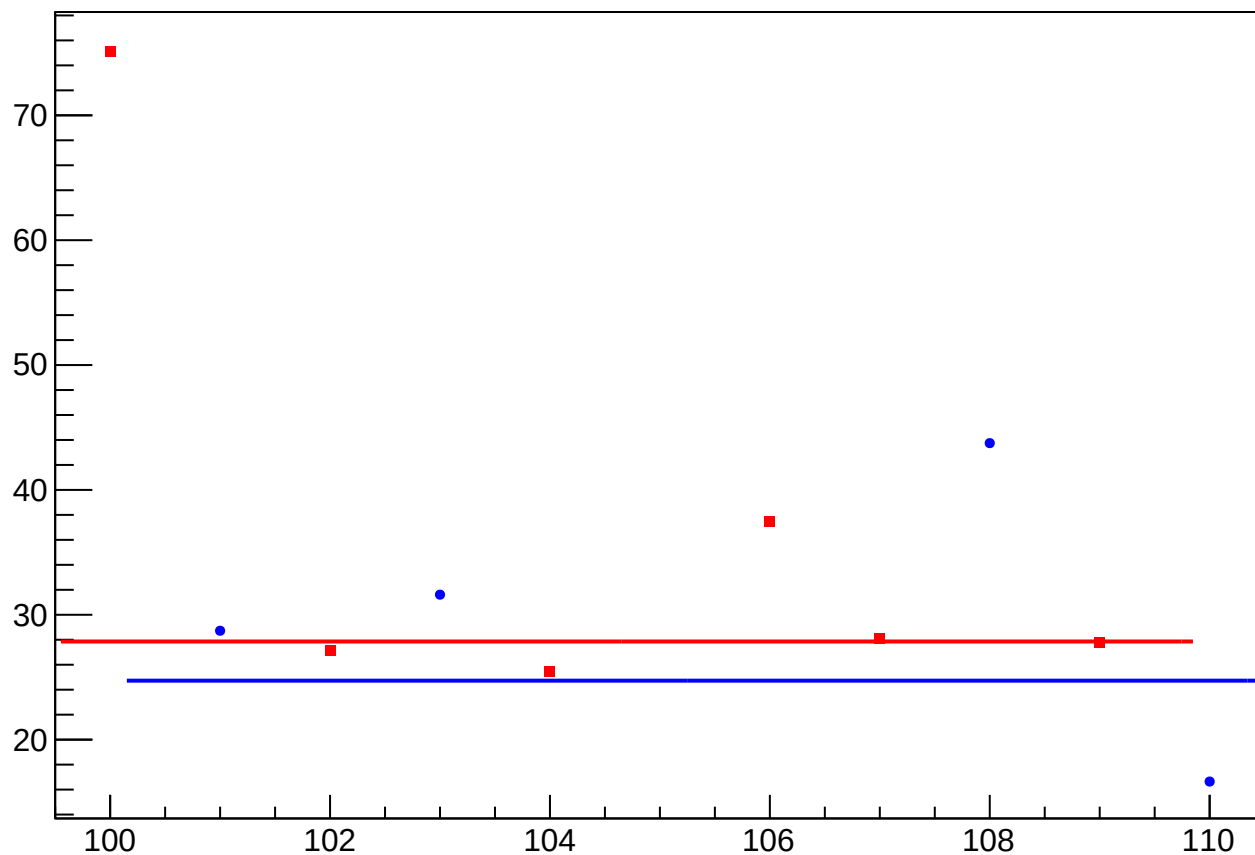
Right: 0.014+/-0.014 χ^2/NDF : 19.0/9

In: 0.043+/-0.019 χ^2/NDF : 8.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.014 χ^2/NDF : 19.0/9

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.723+/-0.013 χ^2/NDF : 386400.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.861+/-0.014 χ^2/NDF : 99735.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

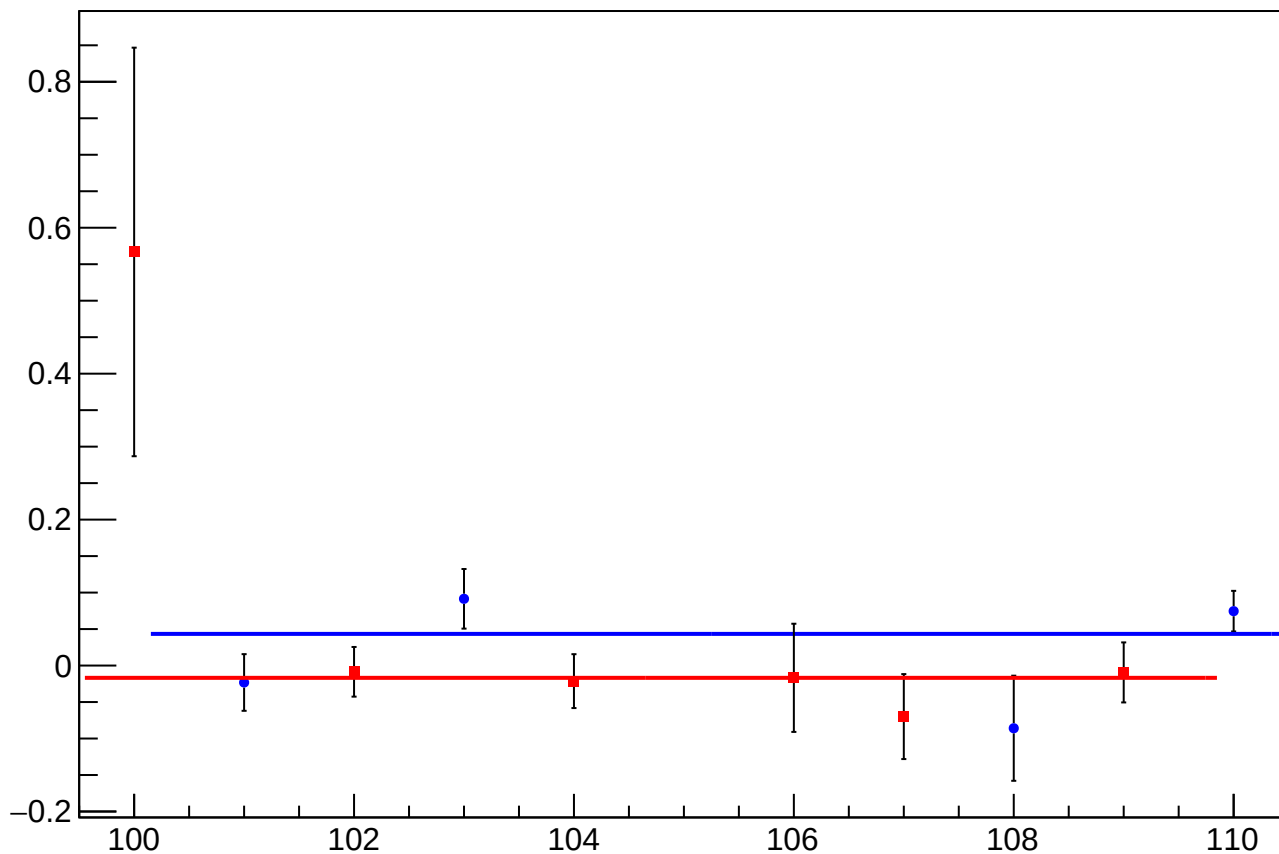
Right: 26.272+/-0.010 χ^2/NDF : 512853.0/9

In: 24.723+/-0.013 χ^2/NDF : 386400.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.272+/-0.010 χ^2/NDF : 512853.0/9

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.043+/-0.019 χ^2/NDF : 8.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.019 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

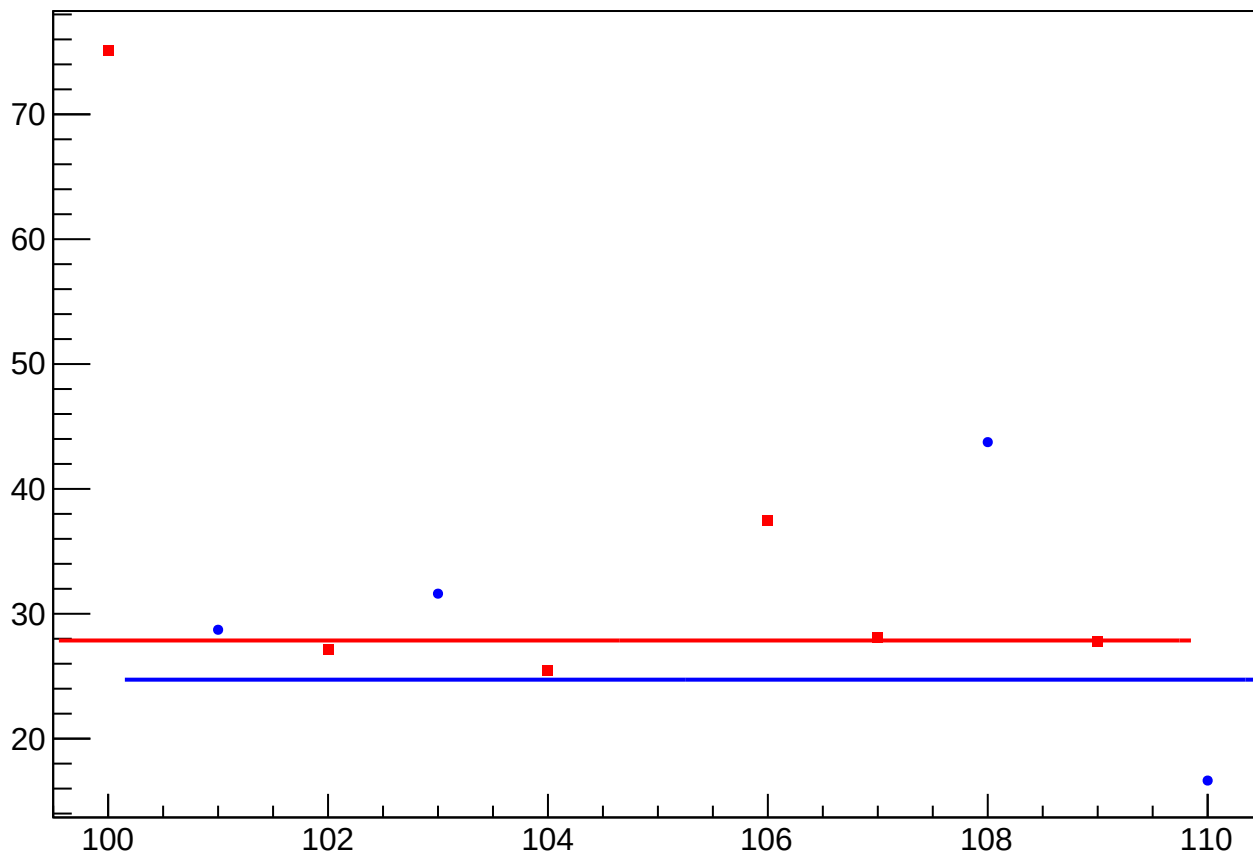
Right: 0.014+/-0.014 χ^2/NDF : 19.0/9

In: 0.043+/-0.019 χ^2/NDF : 8.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.014 χ^2/NDF : 19.0/9

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.723+/-0.013 χ^2/NDF : 386400.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.861+/-0.014 χ^2/NDF : 99735.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

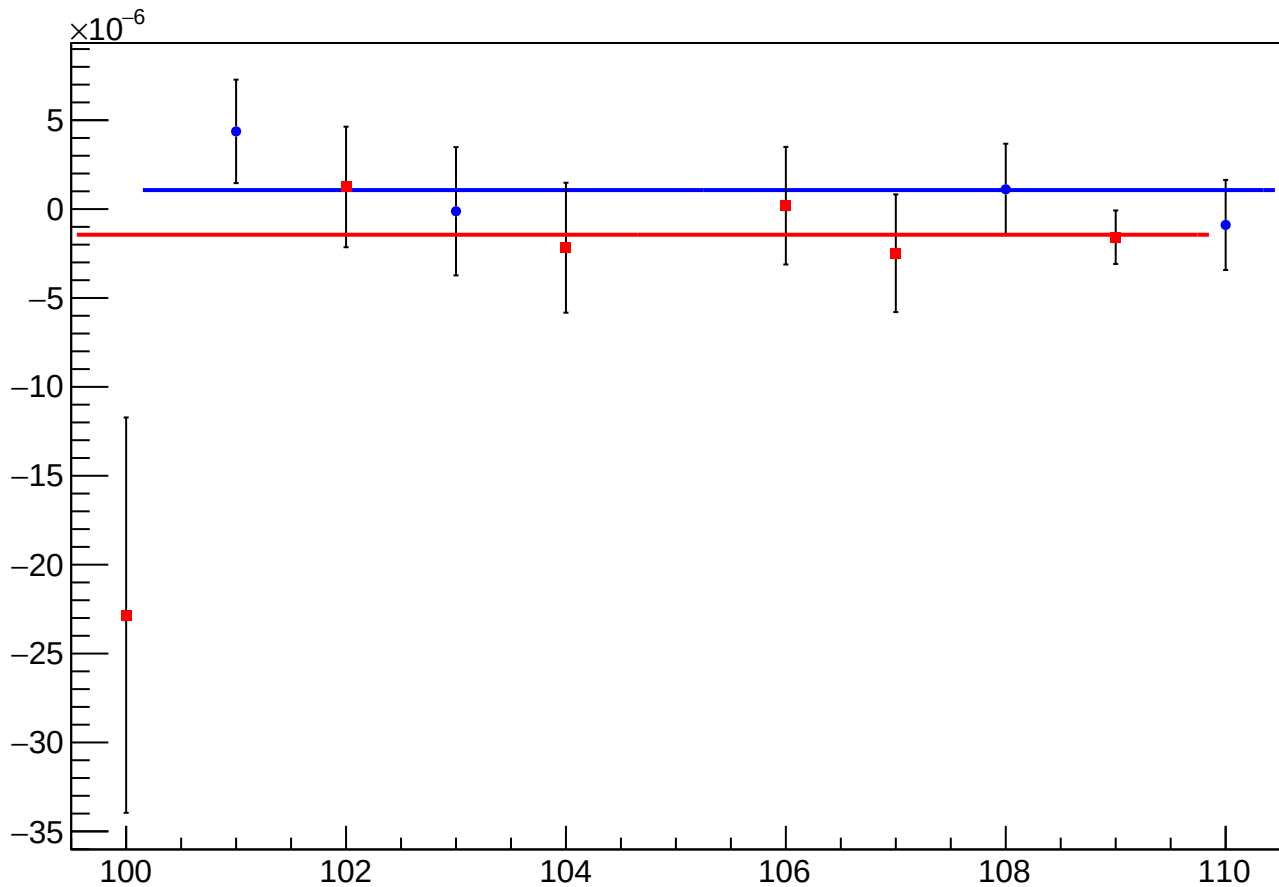
Right: 26.272+/-0.010 χ^2/NDF : 512853.0/9

In: 24.723+/-0.013 χ^2/NDF : 386400.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.272+/-0.010 χ^2/NDF : 512853.0/9

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

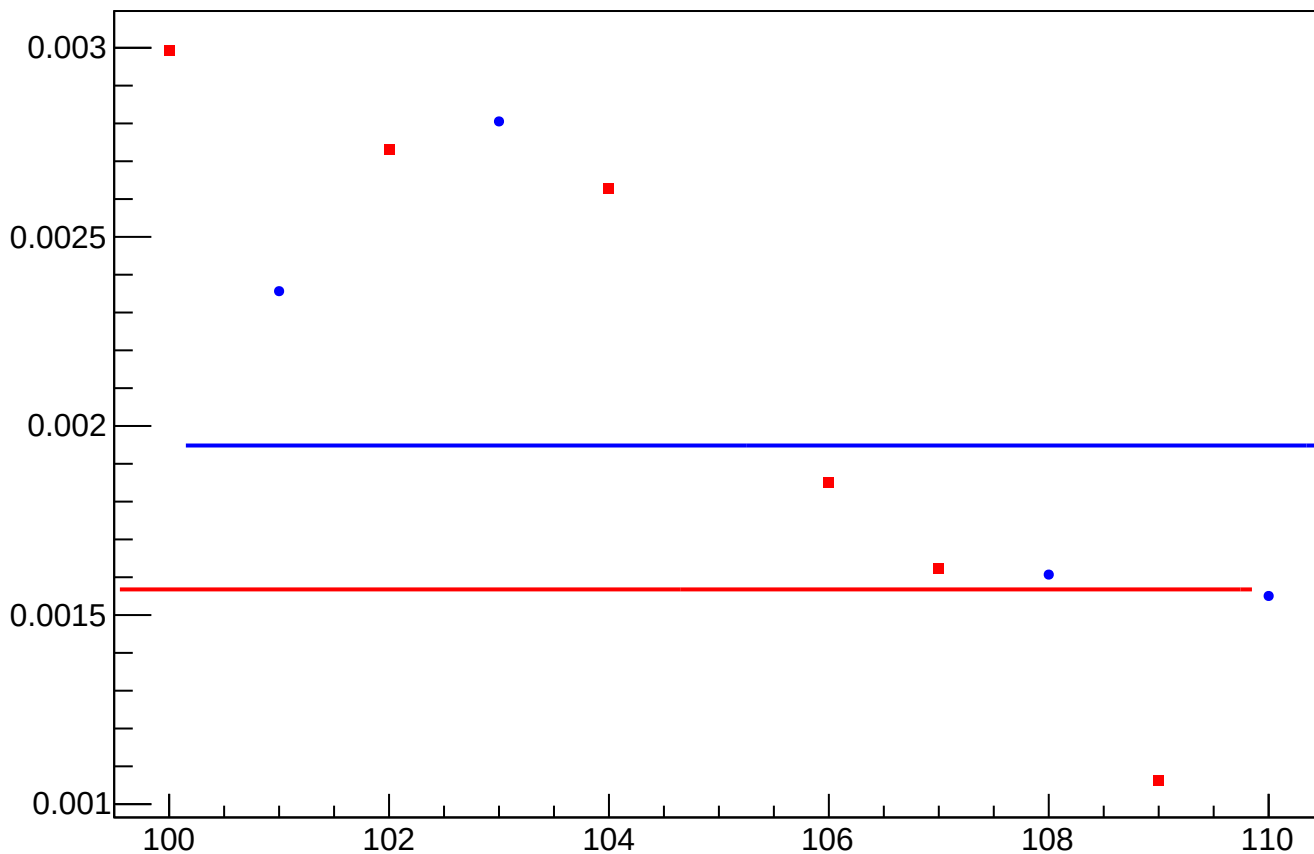
Right: -0.000+/-0.000 χ^2/NDF : 8.7/9

In: 0.000+/-0.000 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.7/9

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 237077.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 676666.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

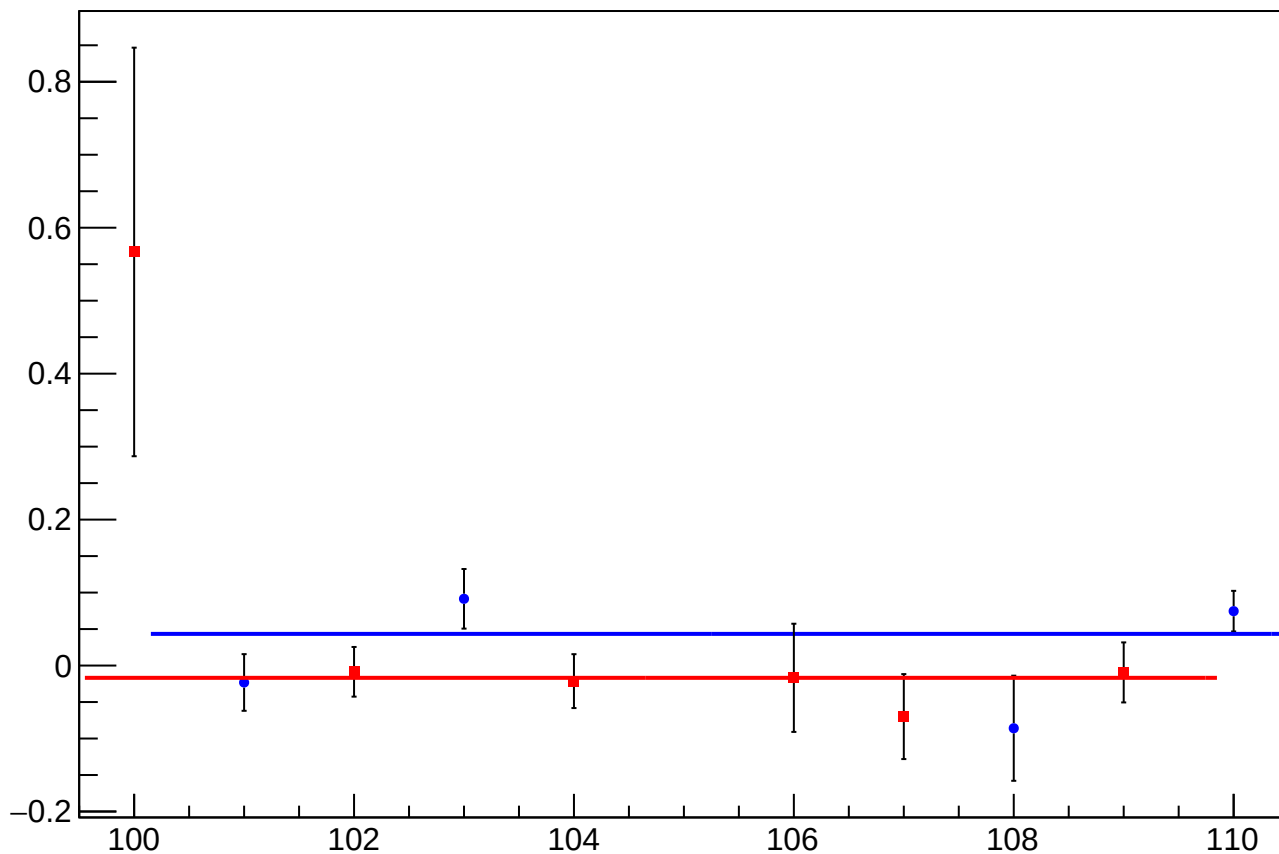
Right: 0.002+/-0.000 χ^2/NDF : 1002960.6/9

In: 0.002+/-0.000 χ^2/NDF : 237077.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1002960.6/9

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.043 $\pm$ 0.019 χ^2 /NDF: 8.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.017 $\pm$ 0.019 χ^2 /NDF: 5.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

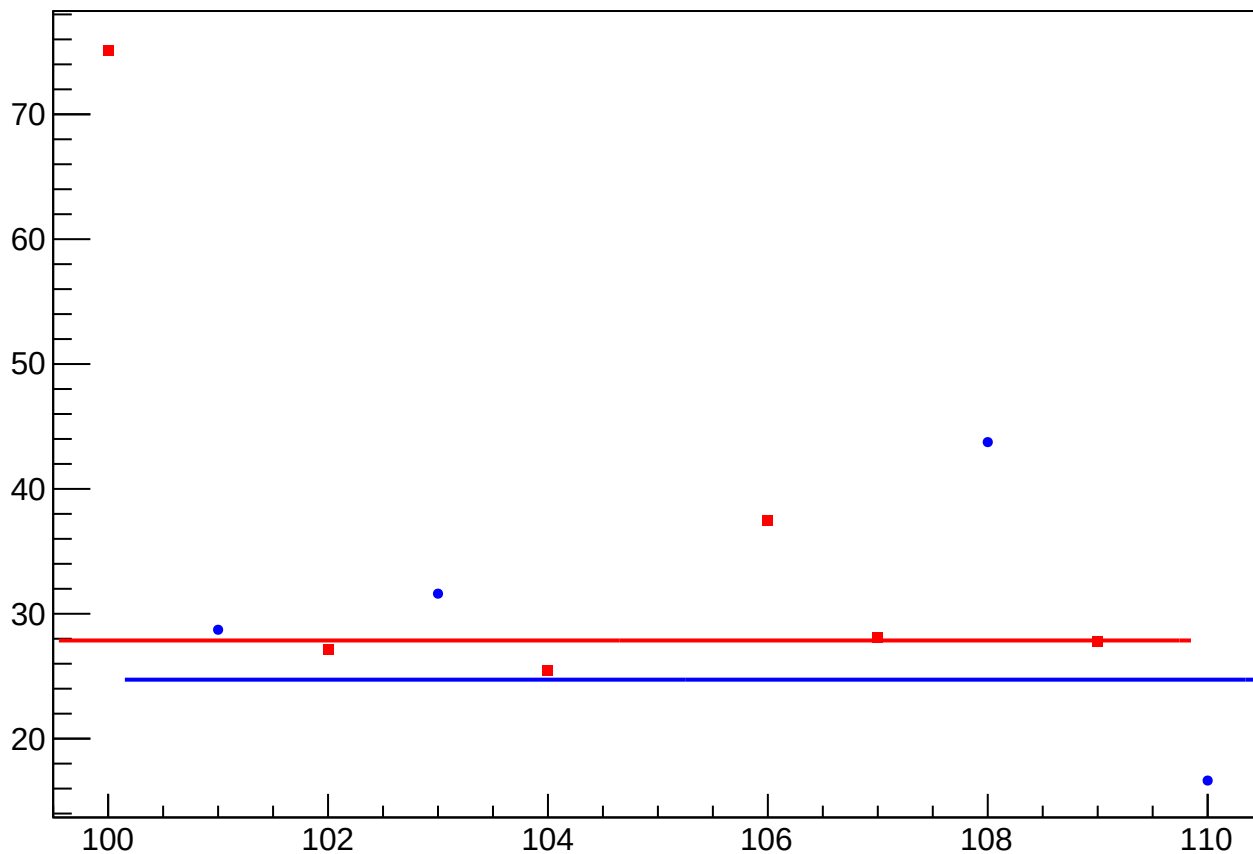
Right: 0.014 $\pm$ 0.014 χ^2 /NDF: 19.0/9

In: 0.043 $\pm$ 0.019 χ^2 /NDF:8.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.014 χ^2 /NDF: 19.0/9

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.723+/-0.013 χ^2/NDF : 386423.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.861+/-0.014 χ^2/NDF : 99733.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

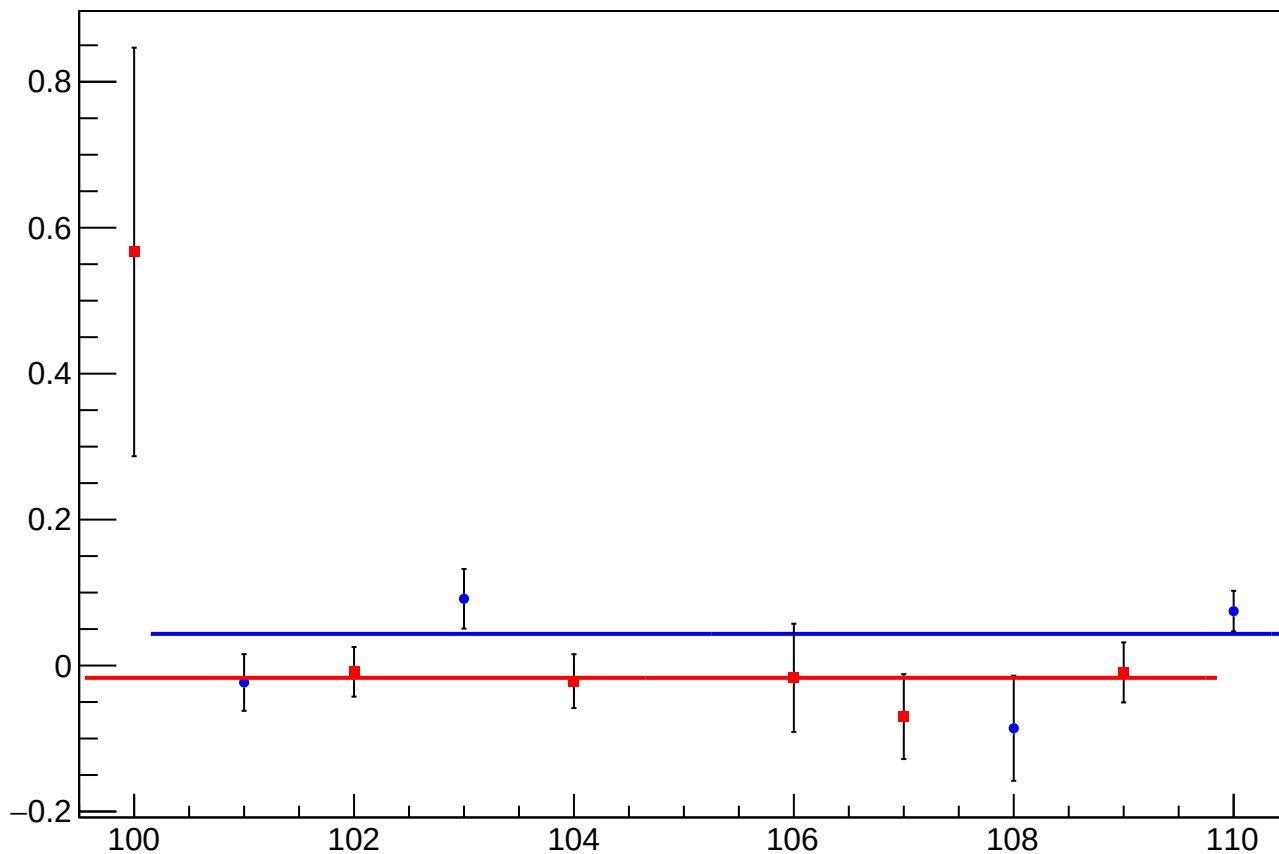
Right: 26.272+/-0.010 χ^2/NDF : 512881.5/9

In: 24.723+/-0.013 χ^2/NDF : 386423.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.272+/-0.010 χ^2/NDF : 512881.5/9

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.043+/-0.019 χ^2/NDF : 8.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.019 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

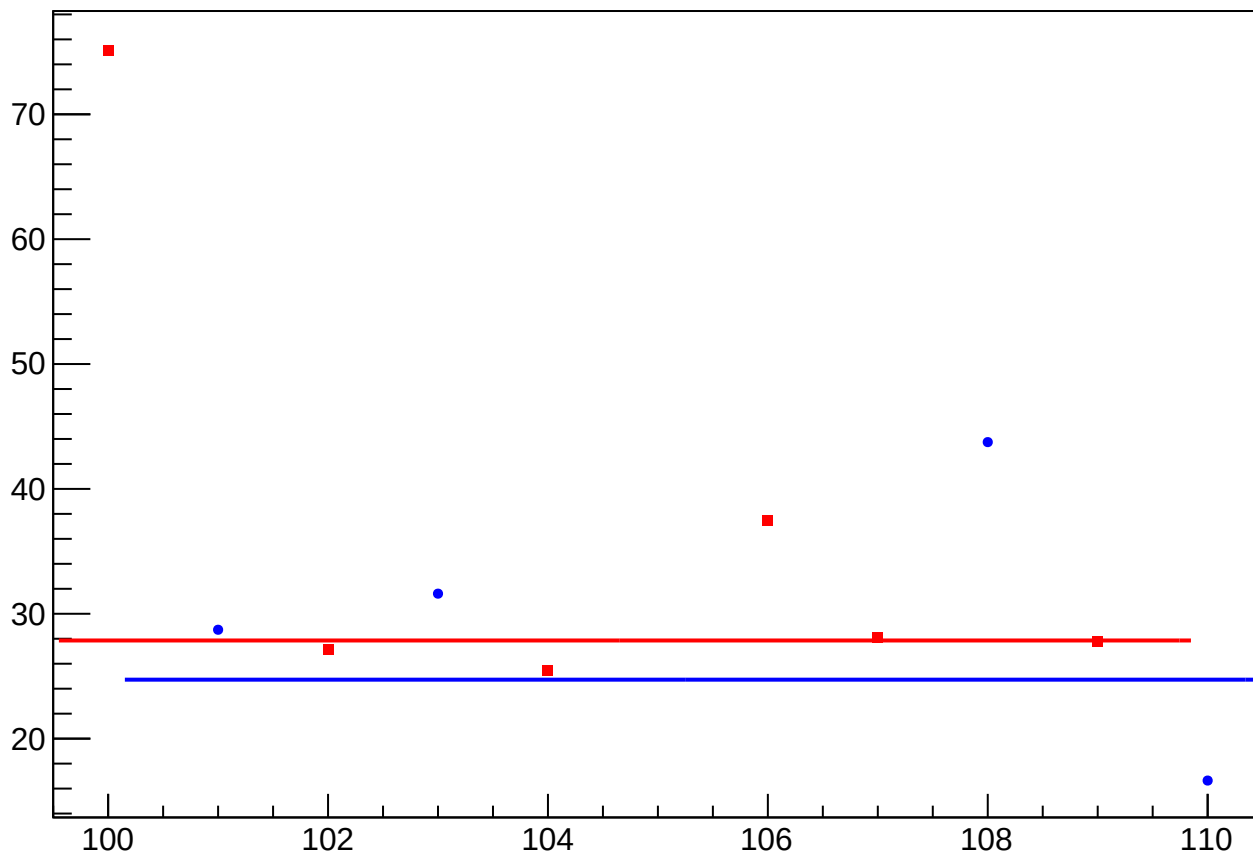
Right: 0.014+/-0.014 χ^2/NDF : 19.0/9

In: 0.043+/-0.019 χ^2/NDF : 8.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.014 χ^2/NDF : 19.0/9

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.723+/-0.013 χ^2/NDF : 386423.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.861+/-0.014 χ^2/NDF : 99733.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

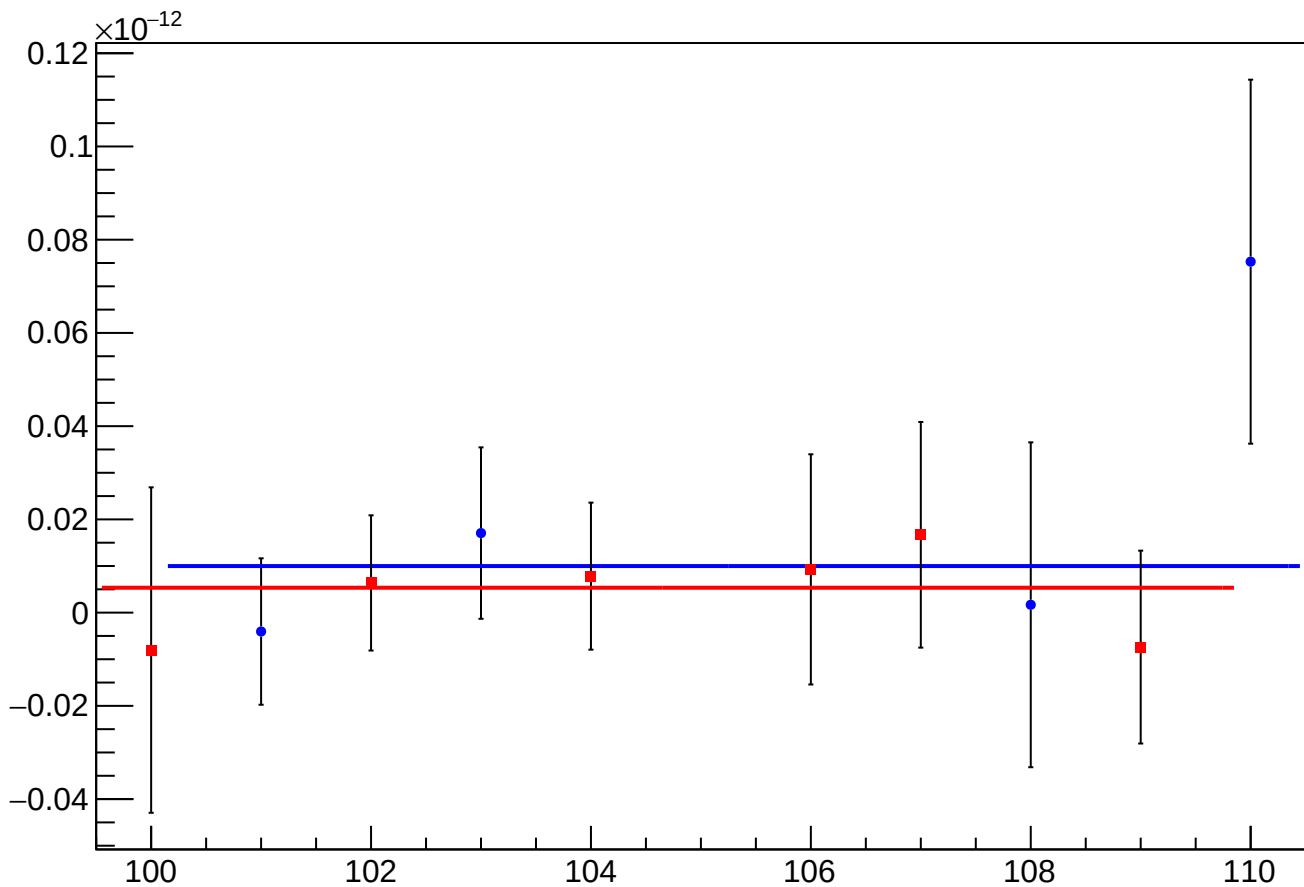
Right: 26.272+/-0.010 χ^2/NDF : 512881.5/9

In: 24.723+/-0.013 χ^2/NDF : 386423.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.272+/-0.010 χ^2/NDF : 512881.5/9

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

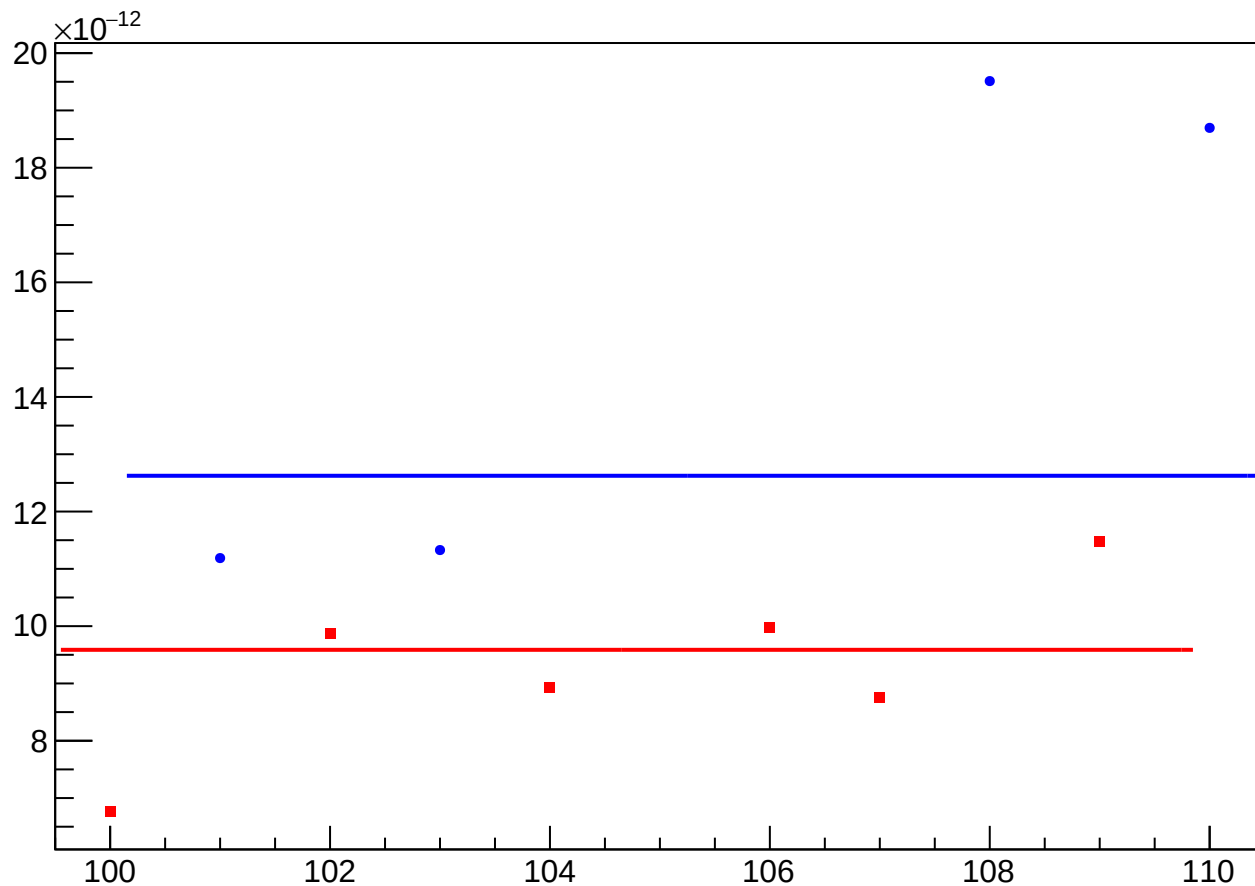
Right: 0.000+/-0.000 χ^2/NDF : 4.7/9

In: 0.000+/-0.000 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.7/9

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 153179.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 36966.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

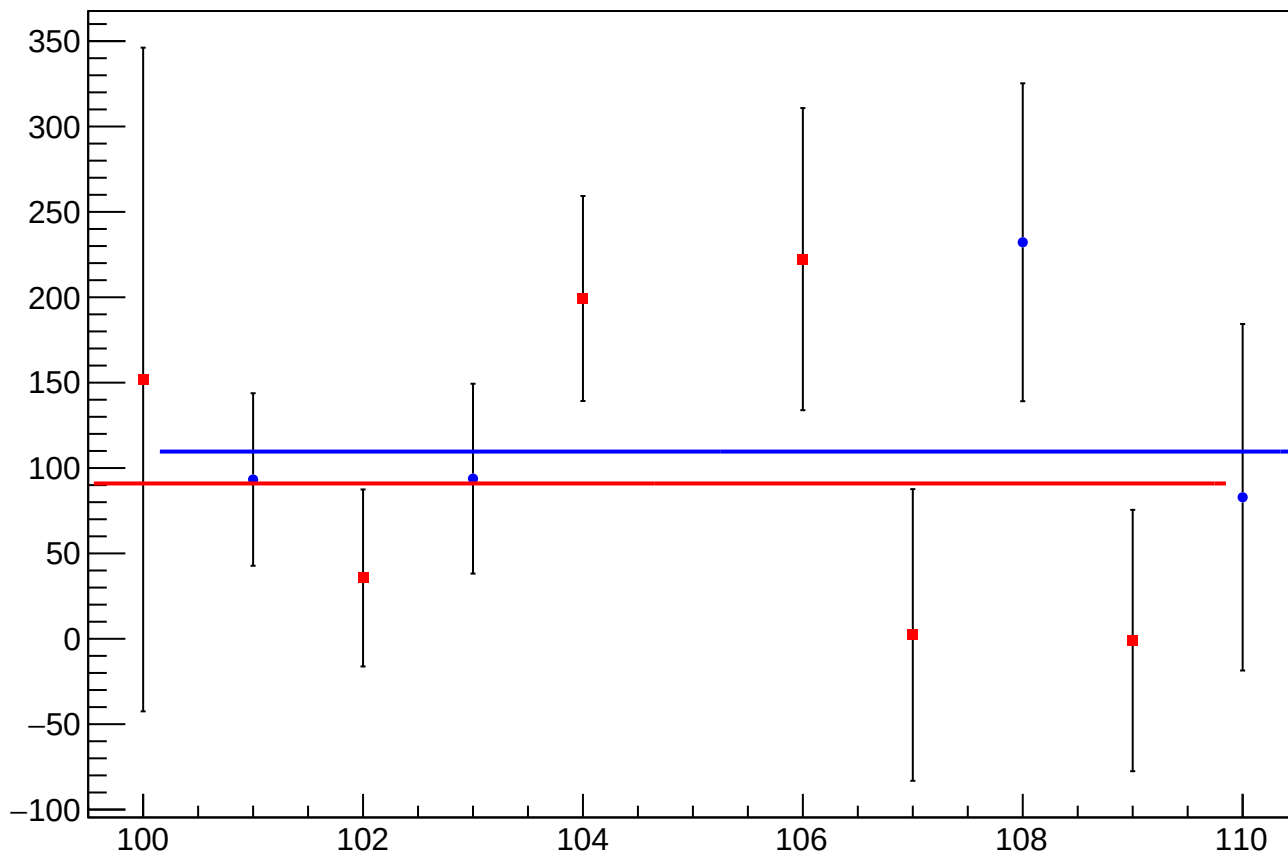
Right: 0.000+/-0.000 χ^2/NDF : 290847.6/9

In: 0.000+/-0.000 χ^2/NDF : 153179.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 290847.6/9

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 109.647 $\pm$ 32.828 χ^2 /NDF: 2.0/3

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

Right Out: 90.962 $\pm$ -29.990 χ^2 /NDF: 9.2/5

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

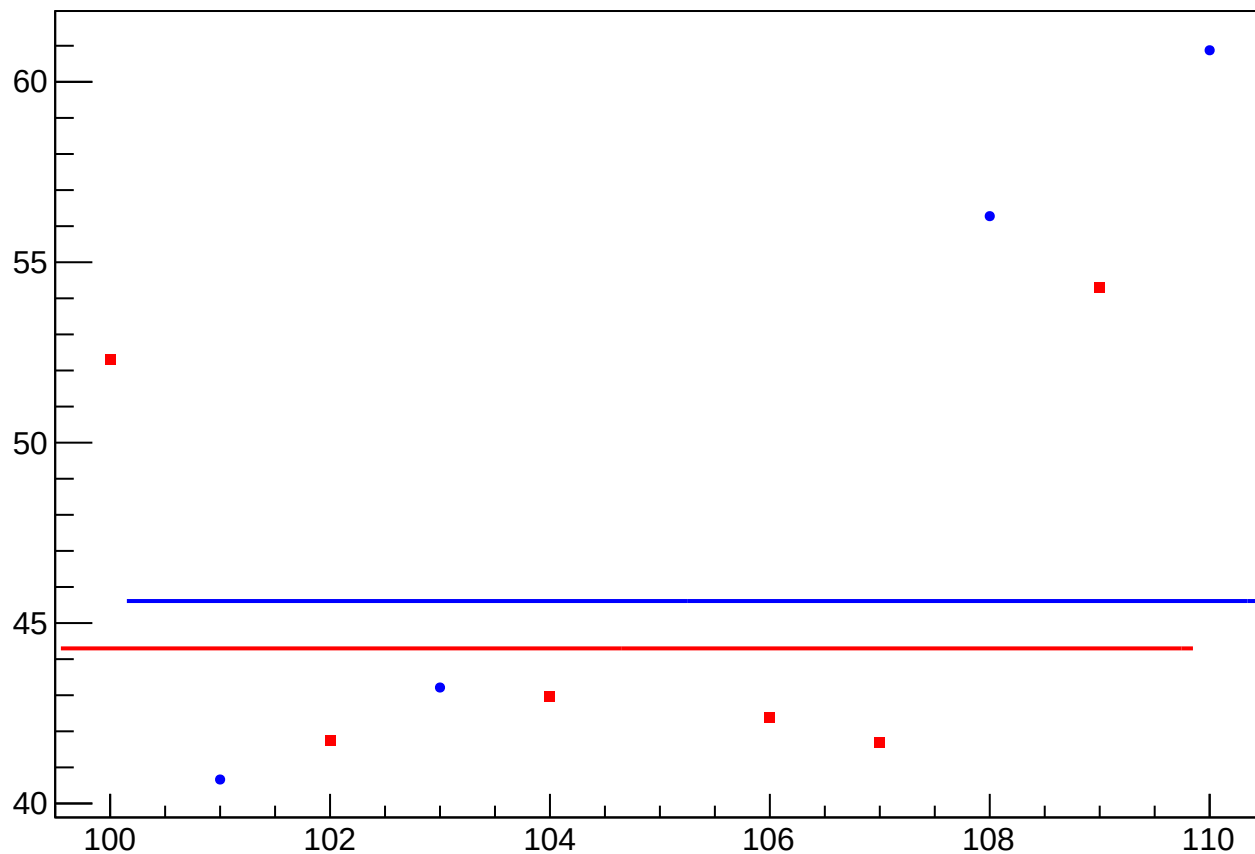
Right: 99.462 $\pm$ -22.142 χ^2 /NDF: 11.4/9

In: 109.647 $\pm$ -32.828 χ^2 /NDF: 2.0/3

Out: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 99.462 $\pm$ -22.142 χ^2 /NDF: 11.4/9

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 45.611+/-0.023 χ^2/NDF : 94418.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.298+/-0.021 χ^2/NDF : 46110.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

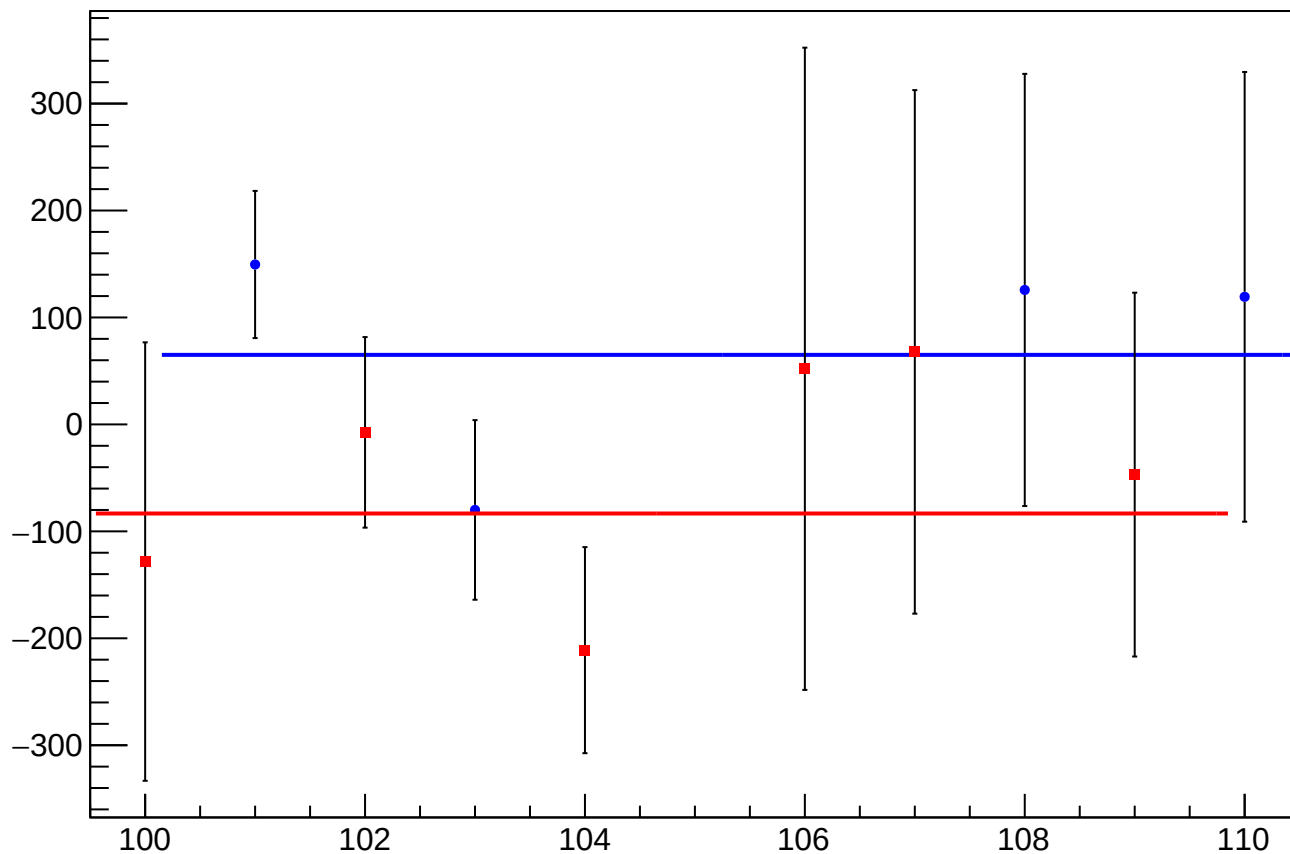
Right: 44.895+/-0.016 χ^2/NDF : 142271.1/9

In: 45.611+/-0.023 χ^2/NDF : 94418.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.895+/-0.016 χ^2/NDF : 142271.1/9

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 65.029+/-49.986 χ^2/NDF : 4.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.300+/-55.918 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

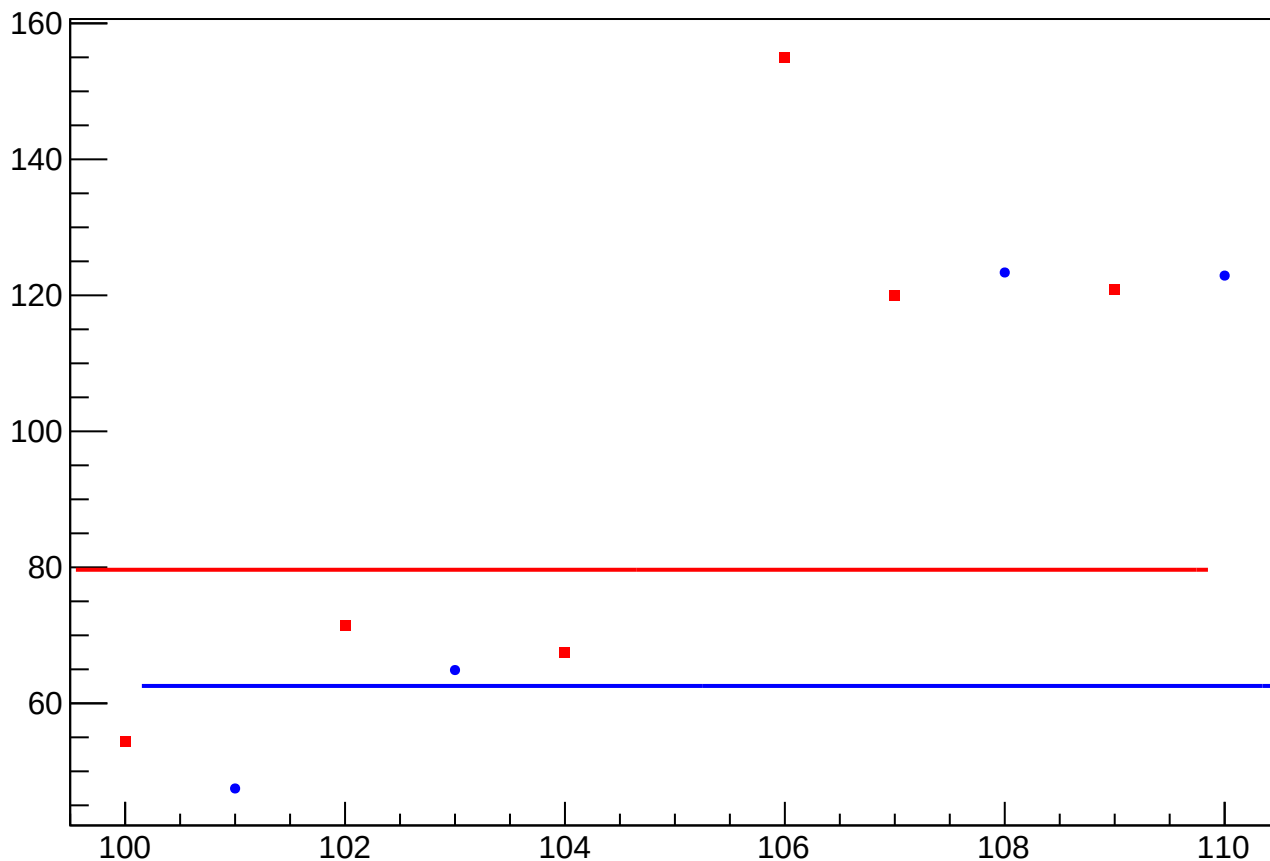
Right: -0.853+/-37.267 χ^2/NDF : 11.7/9

In: 65.029+/-49.986 χ^2/NDF : 4.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.853+/-37.267 χ^2/NDF : 11.7/9

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 62.558+/-0.035 χ^2/NDF : 443436.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.643+/-0.040 χ^2/NDF : 376886.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

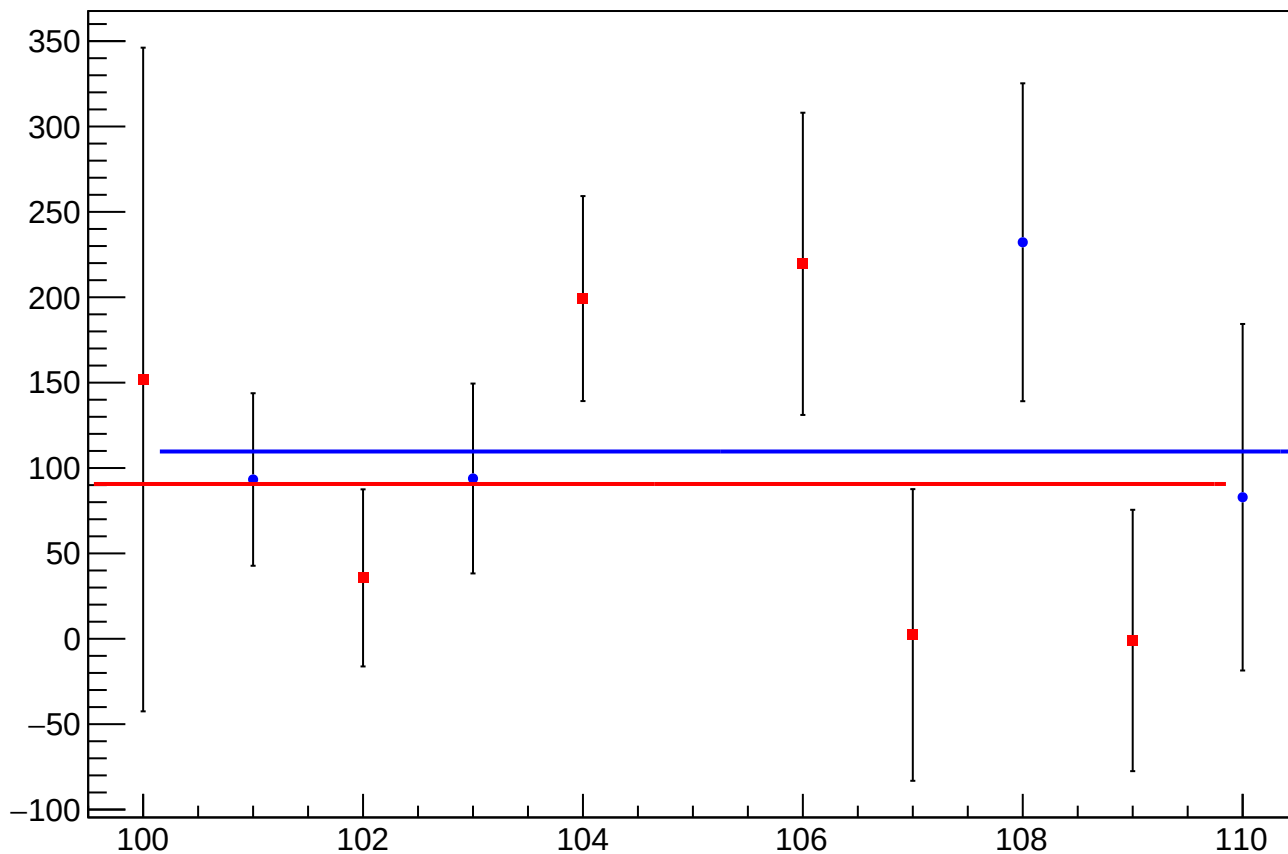
Right: 70.147+/-0.026 χ^2/NDF : 924109.8/9

In: 62.558+/-0.035 χ^2/NDF : 443436.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.147+/-0.026 χ^2/NDF : 924109.8/9

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 109.678 $\pm$ 32.828 χ^2 /NDF: 2.0/3

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 90.654 $\pm$ -29.995 χ^2 /NDF: 9.1/5

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

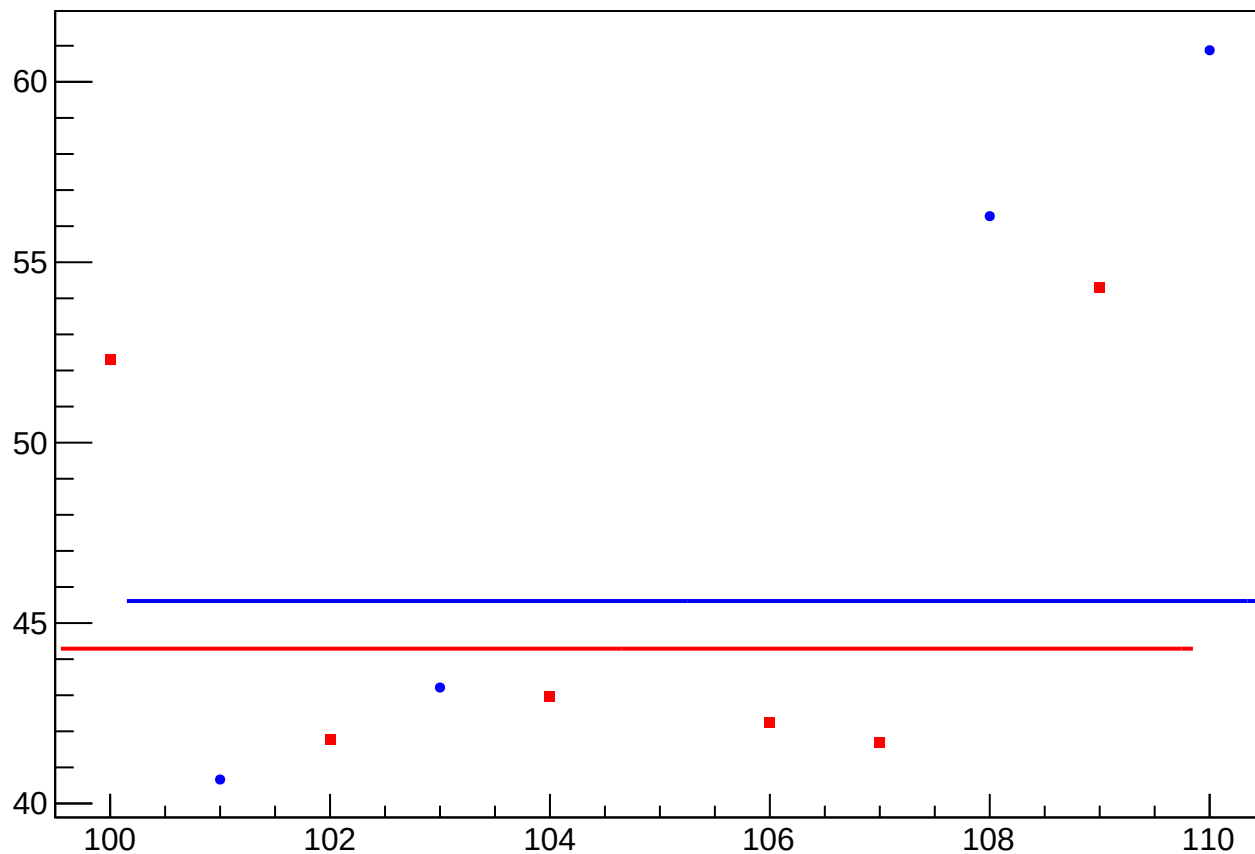
Right: 99.310 $\pm$ -22.144 χ^2 /NDF: 11.3/9

In: 109.678 $\pm$ -32.828 χ^2 /NDF:2.0/3

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 99.310 $\pm$ -22.144 χ^2 /NDF: 11.3/9

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 45.611+/-0.023 χ^2/NDF : 94417.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.290+/-0.021 χ^2/NDF : 46169.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

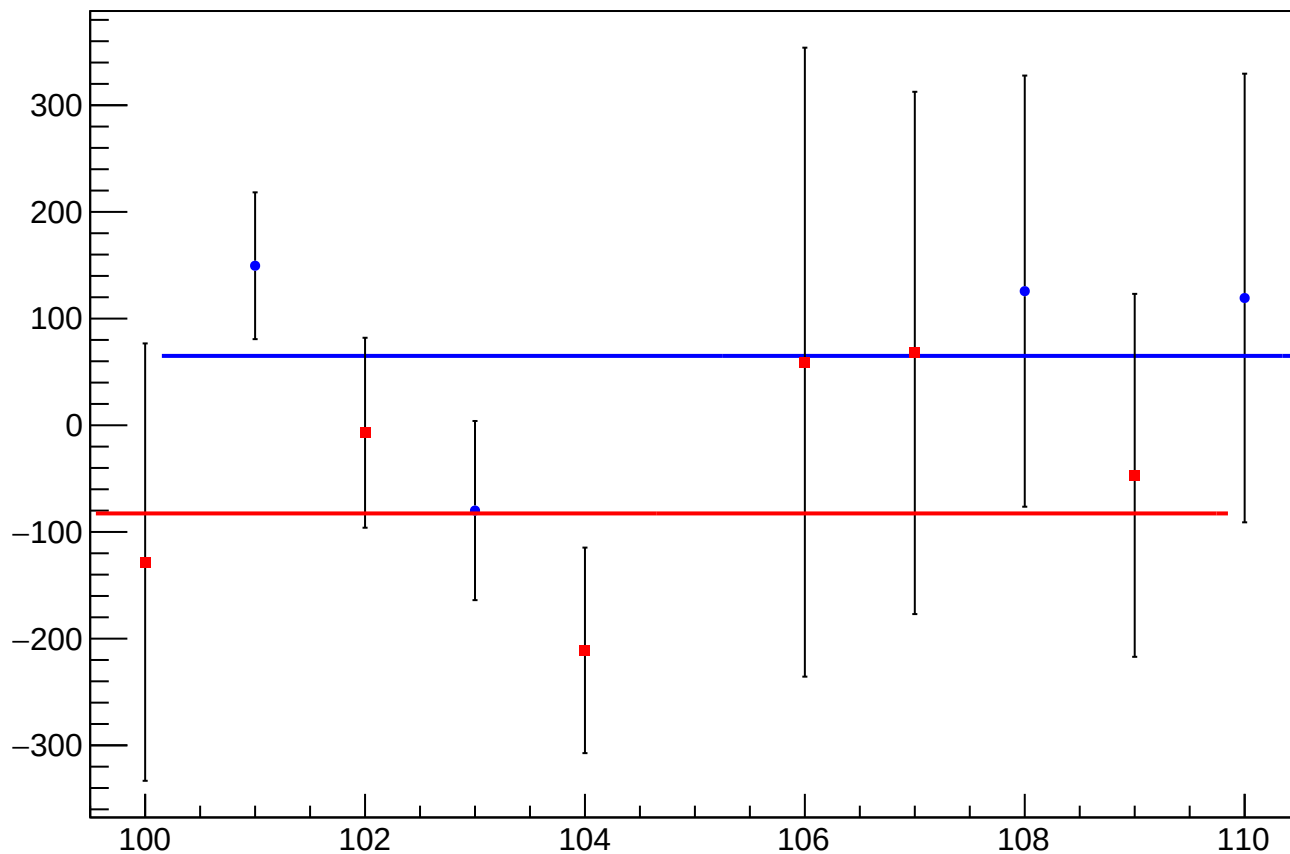
Right: 44.891+/-0.016 χ^2/NDF : 142350.5/9

In: 45.611+/-0.023 χ^2/NDF : 94417.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.891+/-0.016 χ^2/NDF : 142350.5/9

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 65.032+/-49.985 χ^2/NDF : 4.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.634+/-55.859 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

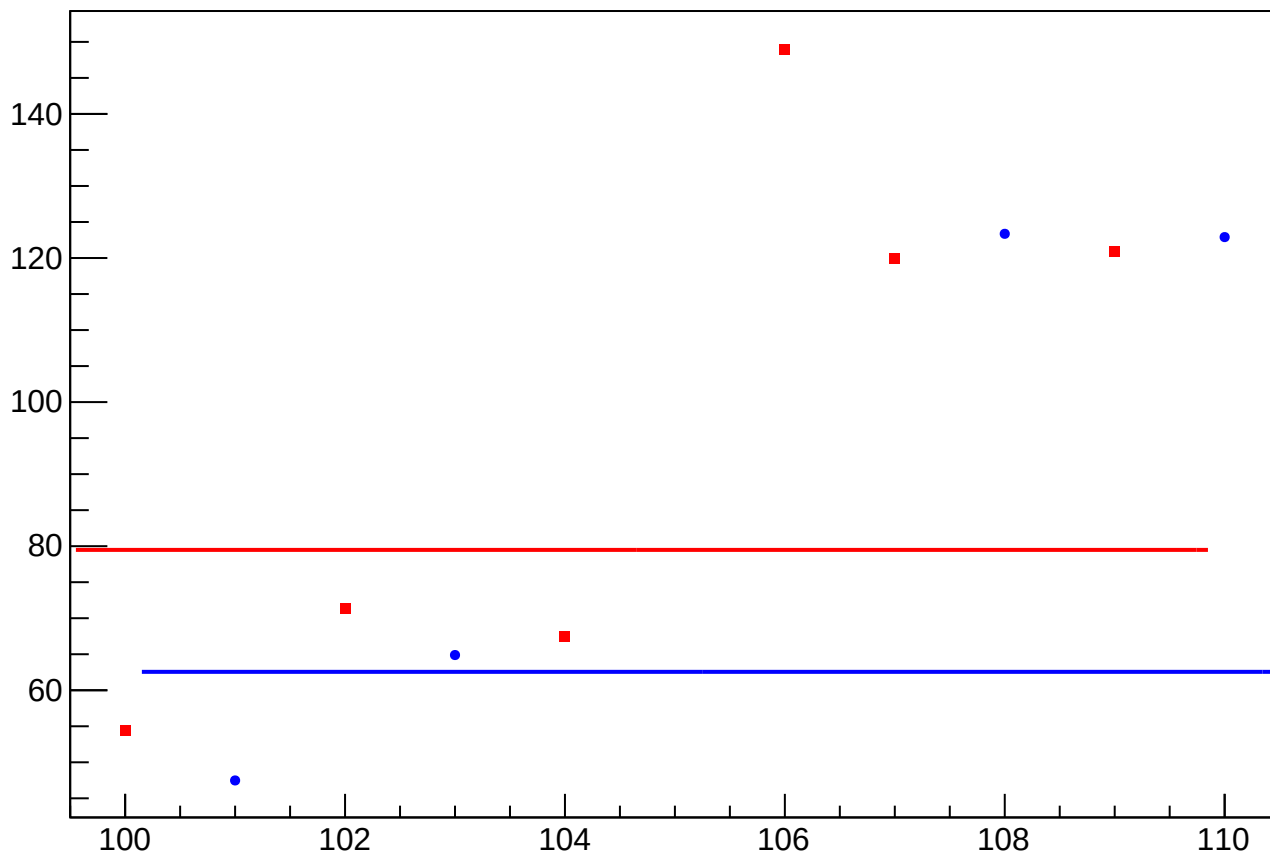
Right: -0.630+/-37.249 χ^2/NDF : 11.7/9

In: 65.032+/-49.985 χ^2/NDF : 4.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.630+/-37.249 χ^2/NDF : 11.7/9

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 62.556+/-0.035 χ^2/NDF : 443427.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.483+/-0.039 χ^2/NDF : 361896.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

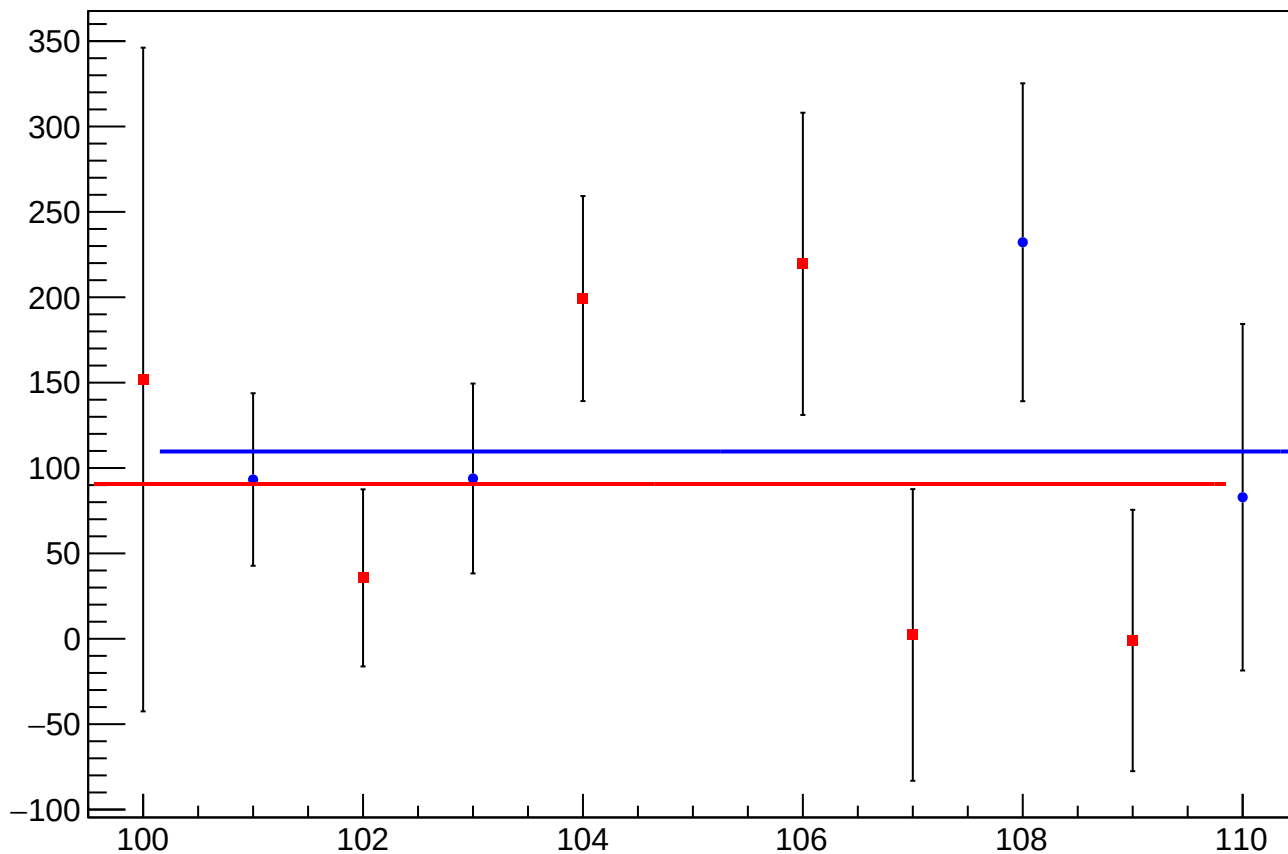
Right: 70.083+/-0.026 χ^2/NDF : 907311.9/9

In: 62.556+/-0.035 χ^2/NDF : 443427.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.083+/-0.026 χ^2/NDF : 907311.9/9

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 109.678+/-32.828 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.654+/-29.995 χ^2/NDF : 9.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

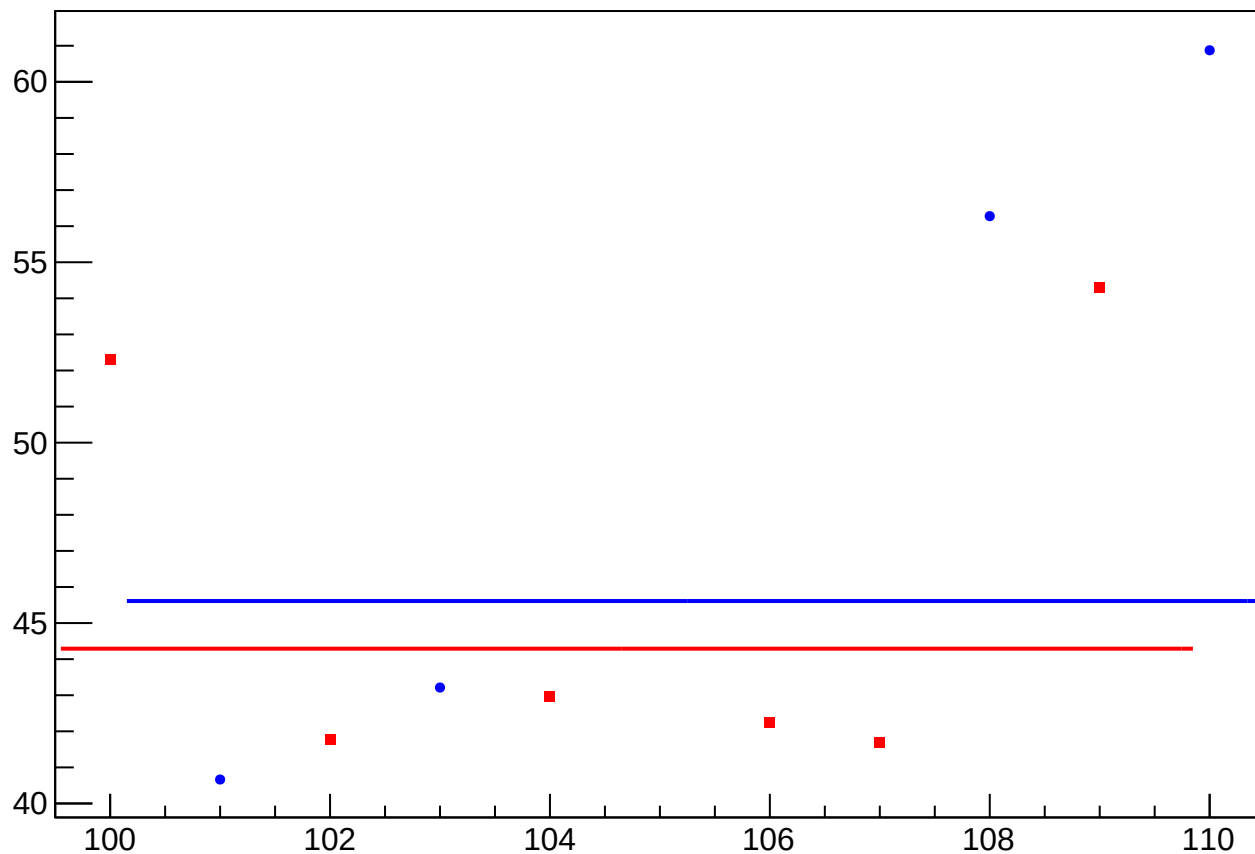
Right: 99.310+/-22.144 χ^2/NDF : 11.3/9

In: 109.678+/-32.828 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.310+/-22.144 χ^2/NDF : 11.3/9

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 45.611 $\pm$ 0.023 χ^2 /NDF: 94417.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.290 $\pm$ 0.021 χ^2 /NDF: 46169.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

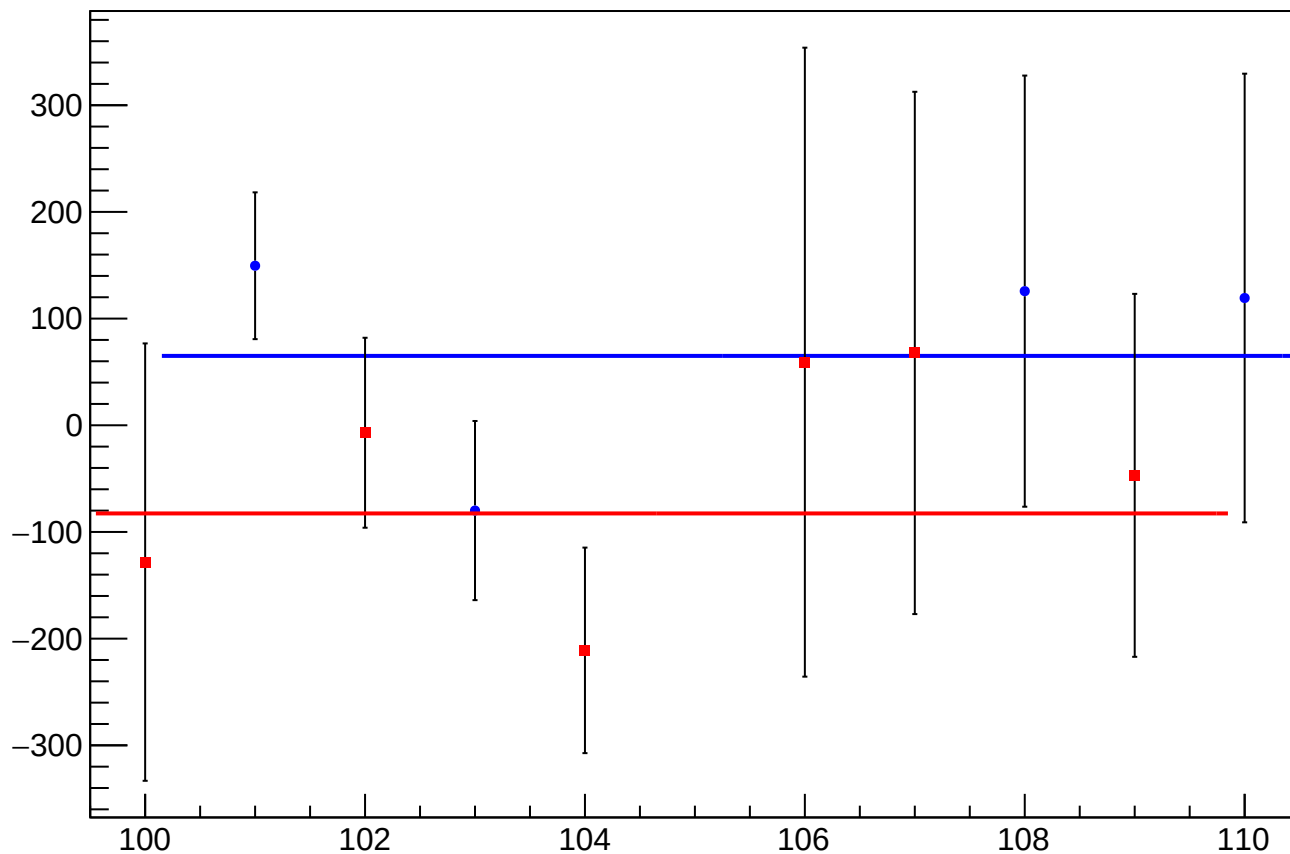
Right: 44.891 $\pm$ 0.016 χ^2 /NDF: 142350.5/9

In: 45.611 $\pm$ 0.023 χ^2 /NDF: 94417.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.891 $\pm$ 0.016 χ^2 /NDF: 142350.5/9

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 65.032+/-49.985 χ^2/NDF : 4.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.634+/-55.859 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

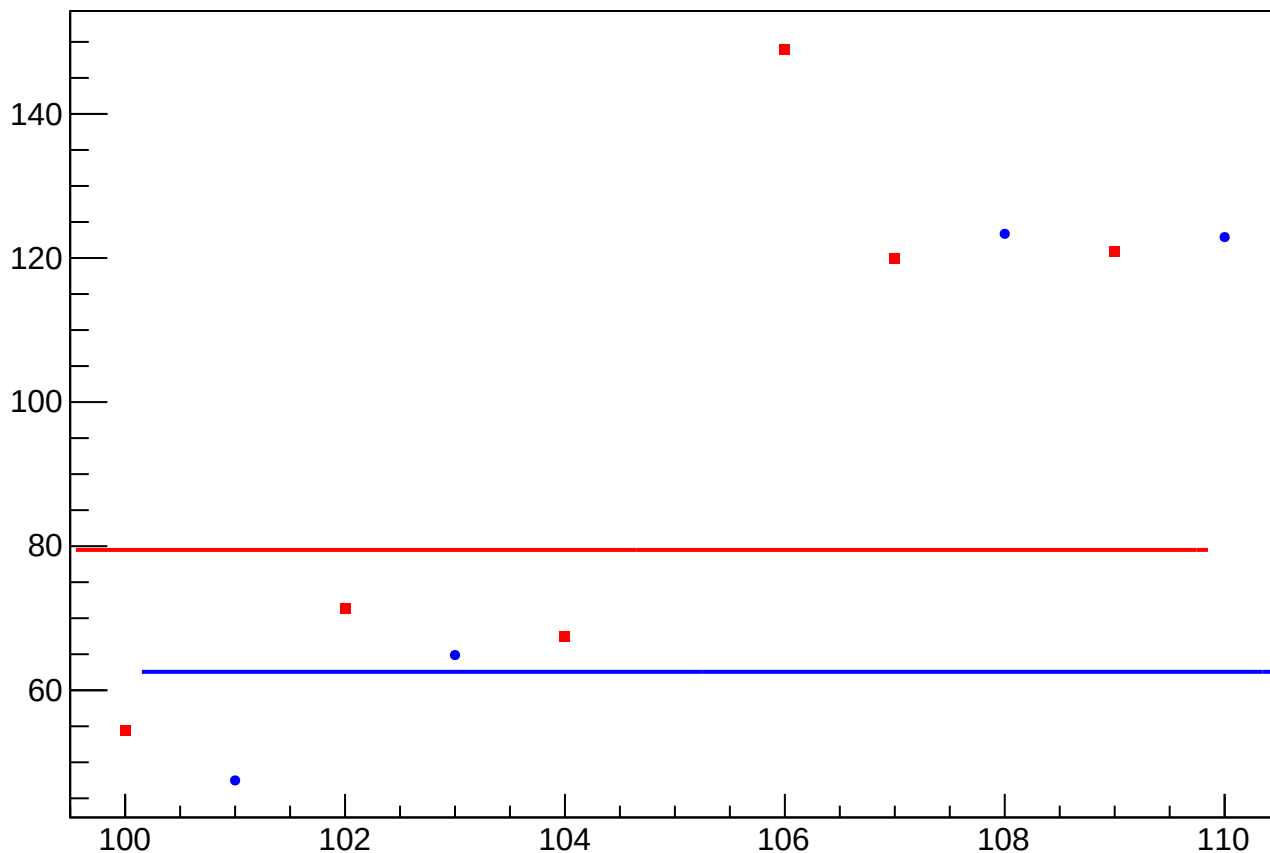
Right: -0.630+/-37.249 χ^2/NDF : 11.7/9

In: 65.032+/-49.985 χ^2/NDF : 4.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.630+/-37.249 χ^2/NDF : 11.7/9

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 62.556+/-0.035 χ^2/NDF : 443427.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.483+/-0.039 χ^2/NDF : 361896.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

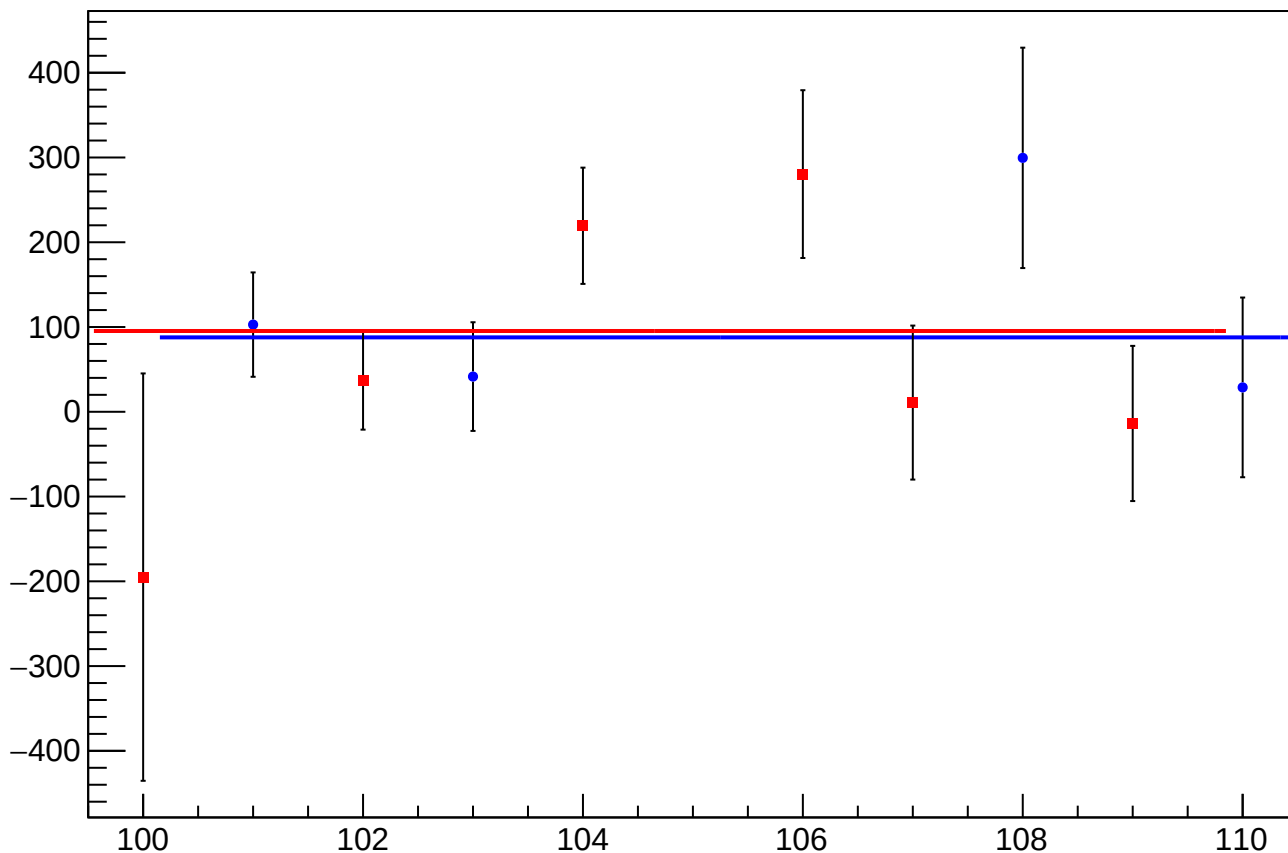
Right: 70.083+/-0.026 χ^2/NDF : 907311.9/9

In: 62.556+/-0.035 χ^2/NDF : 443427.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.083+/-0.026 χ^2/NDF : 907311.9/9

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 87.782 $\pm$ 39.062 χ^2 /NDF: 3.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 95.314 $\pm$ 33.983 χ^2 /NDF: 11.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

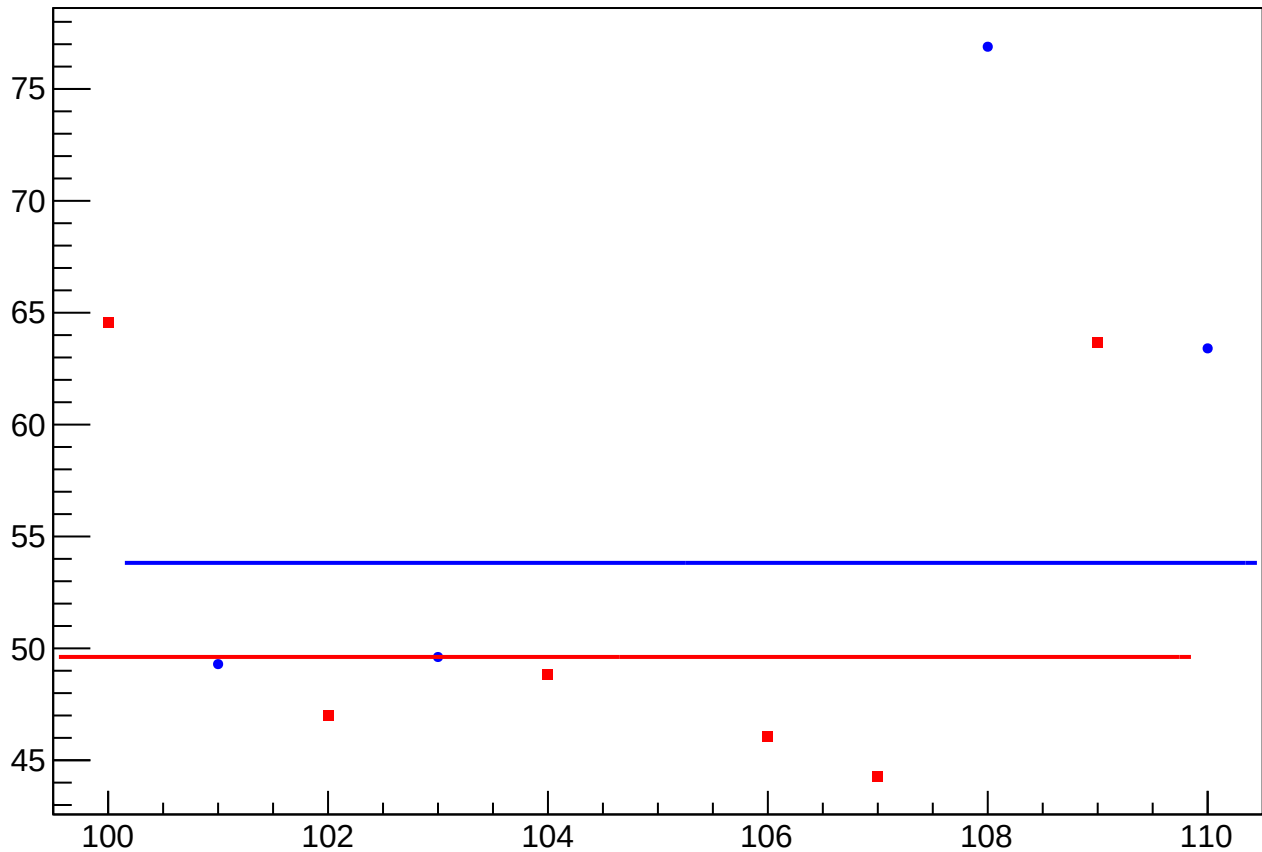
Right: 92.069 $\pm$ 25.638 χ^2 /NDF: 15.1/9

In: 87.782 $\pm$ 39.062 χ^2 /NDF:3.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.069 $\pm$ 25.638 χ^2 /NDF: 15.1/9

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.821+/-0.028 χ^2/NDF : 98738.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.617+/-0.024 χ^2/NDF : 68734.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

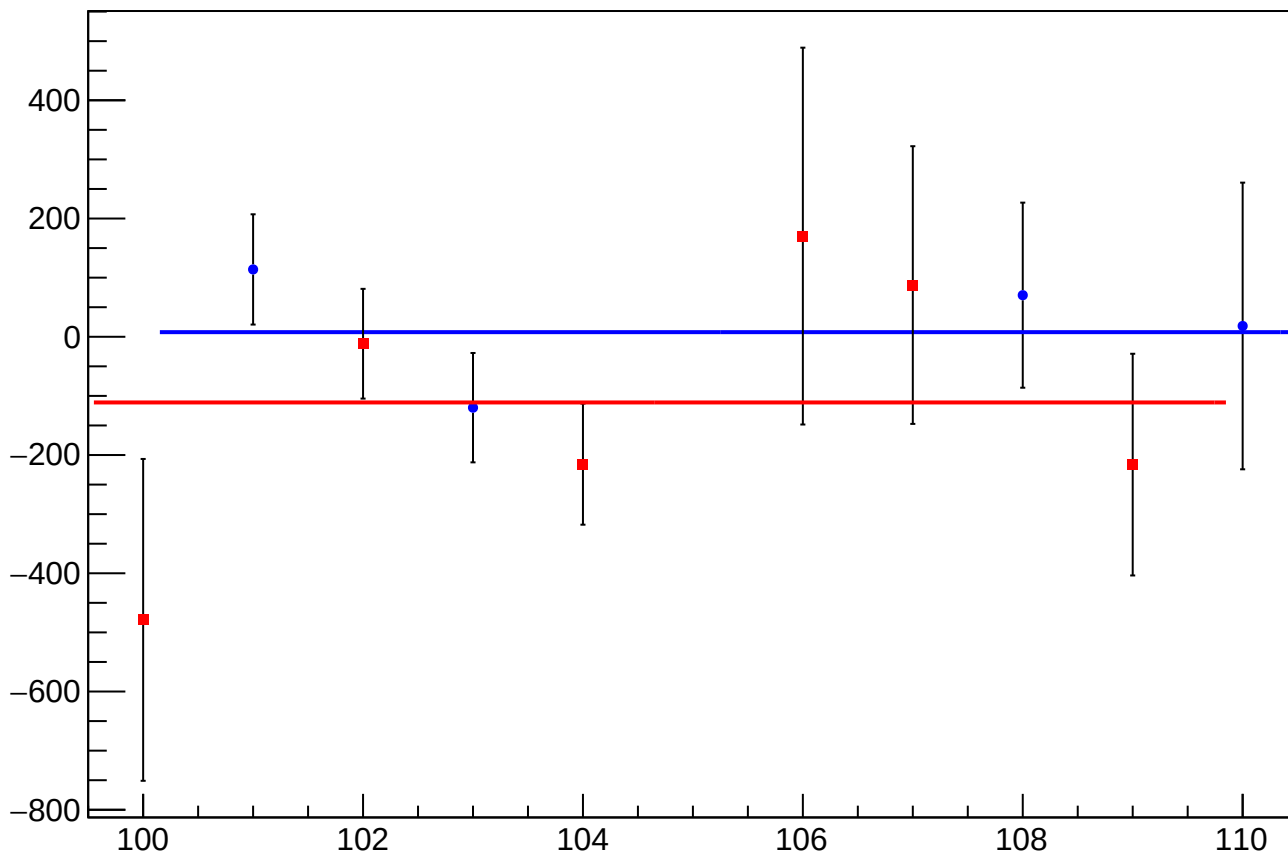
Right: 51.428+/-0.018 χ^2/NDF : 180659.5/9

In: 53.821+/-0.028 χ^2/NDF : 98738.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.428+/-0.018 χ^2/NDF : 180659.5/9

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 7.818 $\pm$ 58.751 χ^2 /NDF: 3.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -111.082 $\pm$ 59.612 χ^2 /NDF: 5.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

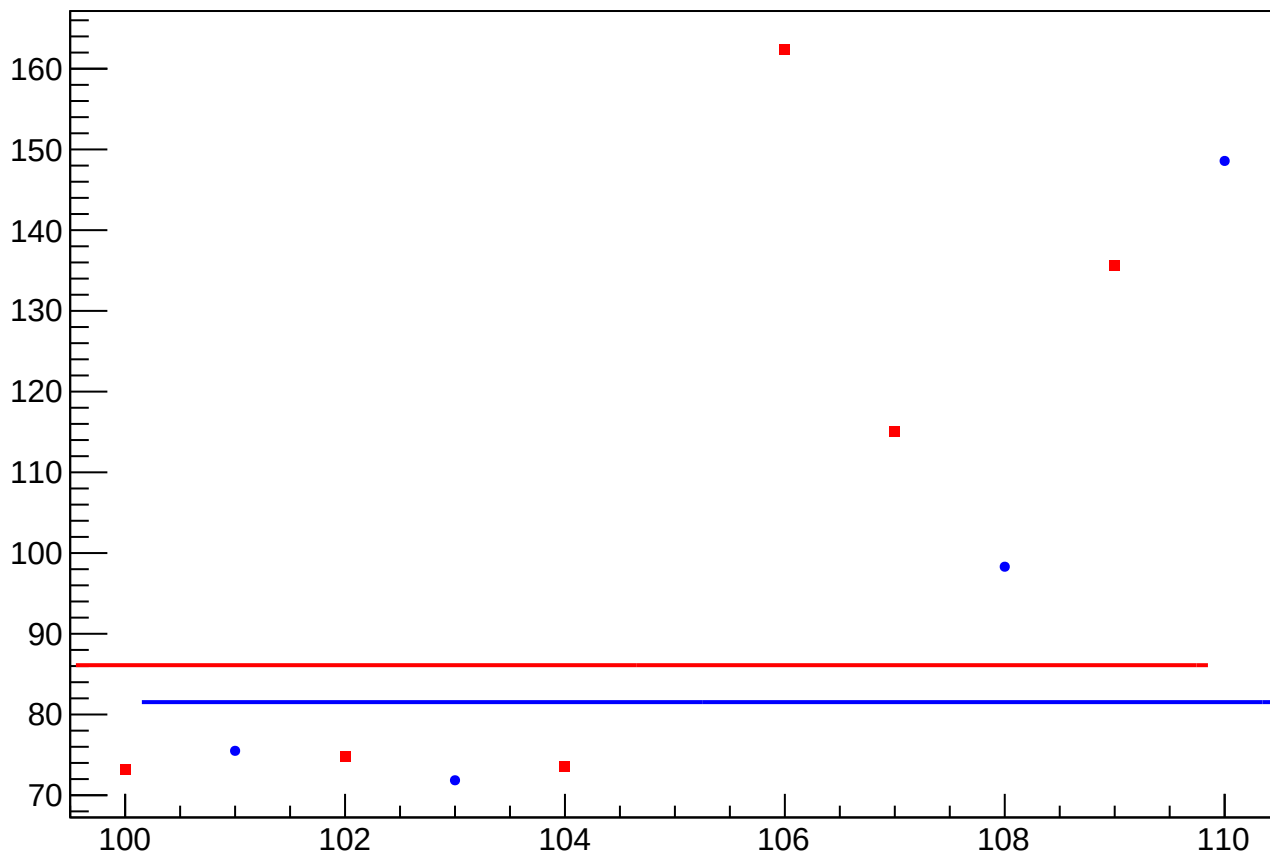
Right: -50.766 $\pm$ 41.844 χ^2 /NDF: 11.2/9

In: 7.818 $\pm$ 58.751 χ^2 /NDF:3.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -50.766 $\pm$ 41.844 χ^2 /NDF: 11.2/9

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 81.533+/-0.042 χ^2/NDF : 206204.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.110+/-0.042 χ^2/NDF : 349012.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

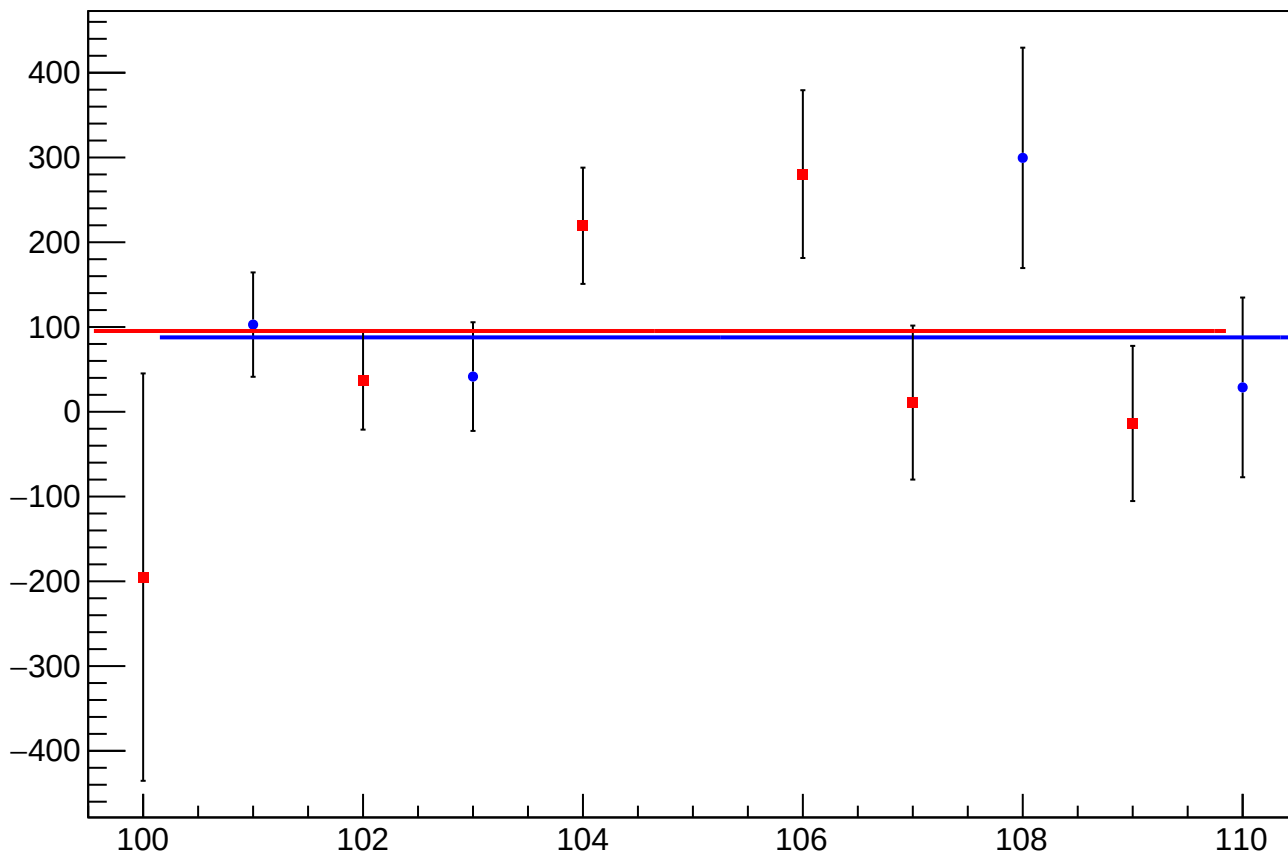
Right: 83.788+/-0.030 χ^2/NDF : 561194.7/9

In: 81.533+/-0.042 χ^2/NDF : 206204.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.788+/-0.030 χ^2/NDF : 561194.7/9

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 87.782 $\pm$ 39.062 χ^2 /NDF: 3.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 95.314 $\pm$ 33.983 χ^2 /NDF: 11.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

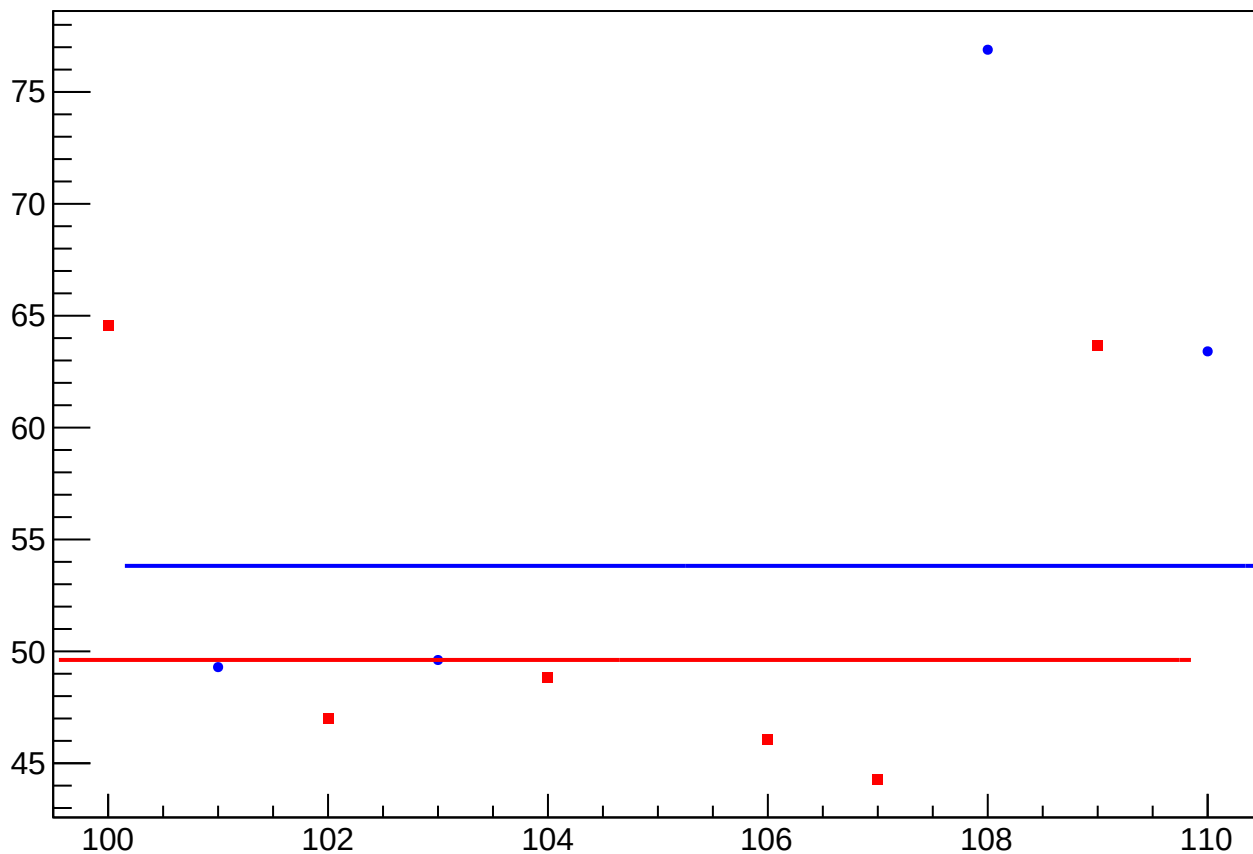
Right: 92.069 $\pm$ 25.638 χ^2 /NDF: 15.1/9

In: 87.782 $\pm$ 39.062 χ^2 /NDF:3.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.069 $\pm$ 25.638 χ^2 /NDF: 15.1/9

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.821+/-0.028 χ^2/NDF : 98738.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.617+/-0.024 χ^2/NDF : 68733.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

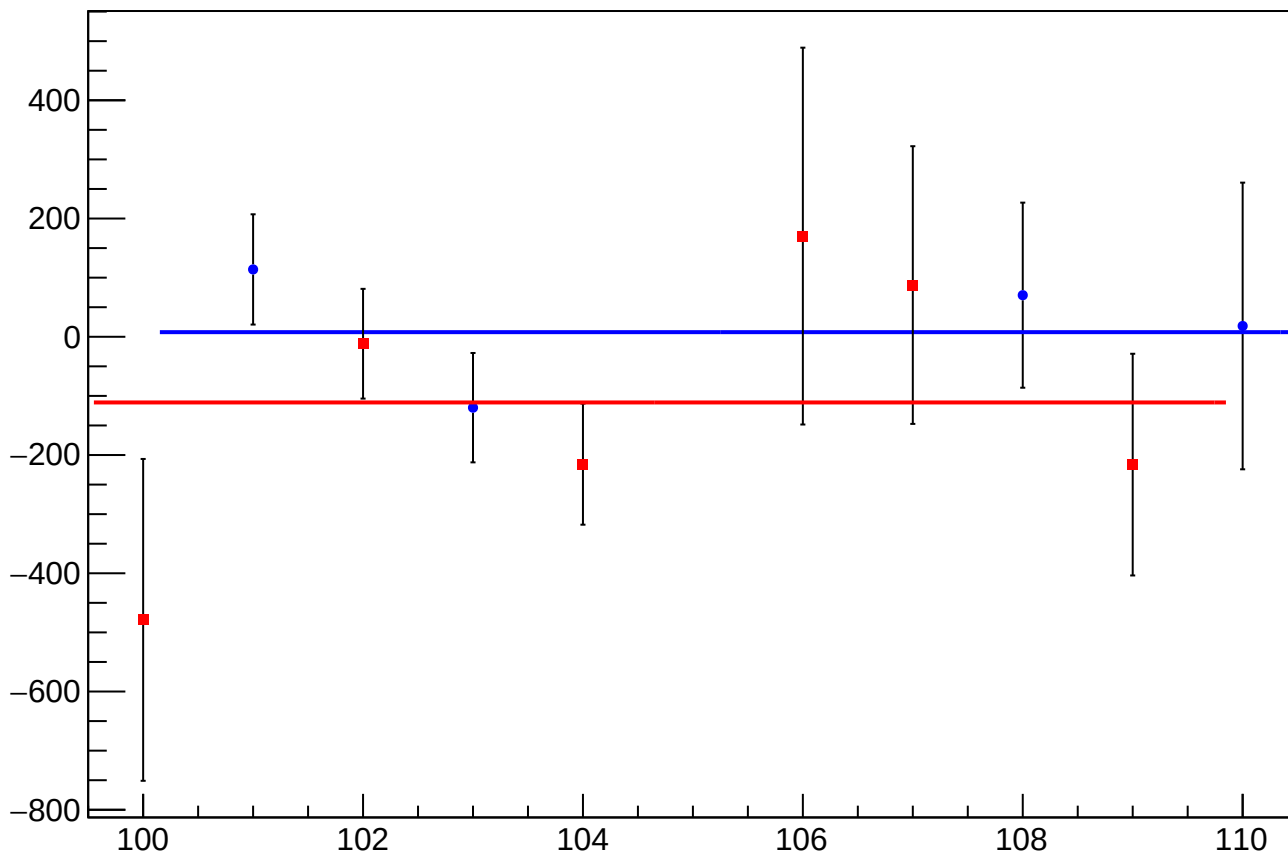
Right: 51.428+/-0.018 χ^2/NDF : 180659.6/9

In: 53.821+/-0.028 χ^2/NDF : 98738.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.428+/-0.018 χ^2/NDF : 180659.6/9

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 7.818 $\pm$ 58.751 χ^2 /NDF: 3.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -111.081 $\pm$ 59.612 χ^2 /NDF: 5.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

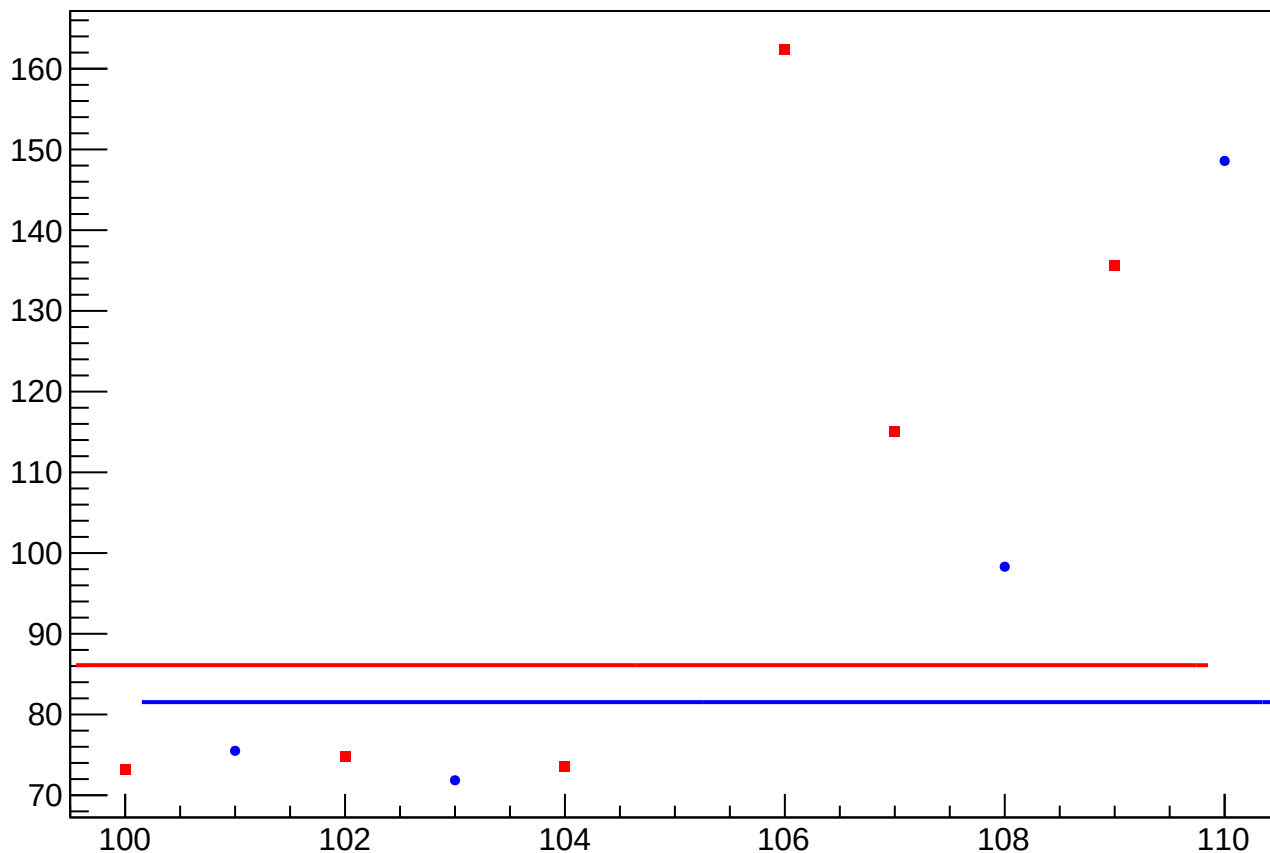
Right: -50.767 $\pm$ 41.844 χ^2 /NDF: 11.2/9

In: 7.818 $\pm$ 58.751 χ^2 /NDF:3.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -50.767 $\pm$ 41.844 χ^2 /NDF: 11.2/9

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 81.533+/-0.042 χ^2/NDF : 206205.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.109+/-0.042 χ^2/NDF : 349016.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

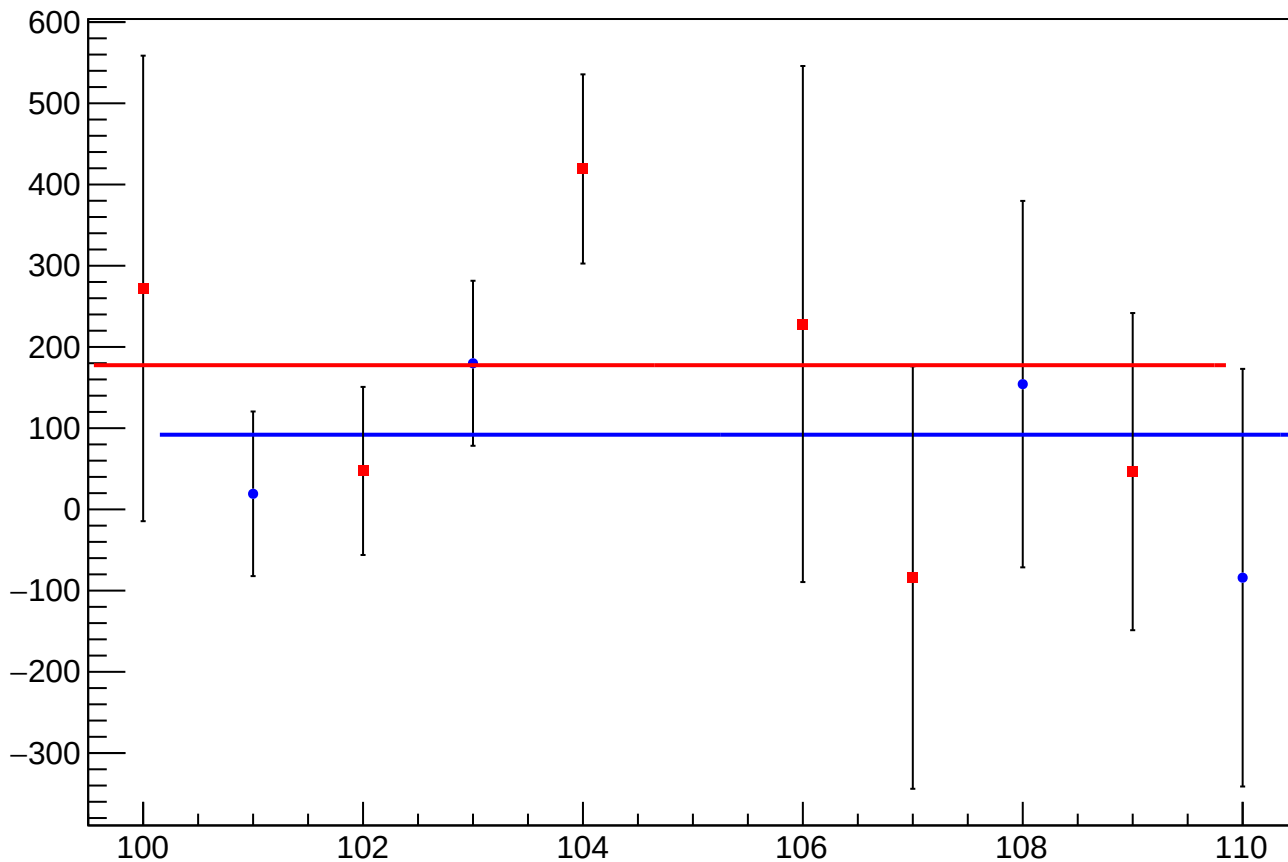
Right: 83.788+/-0.030 χ^2/NDF : 561200.9/9

In: 81.533+/-0.042 χ^2/NDF : 206205.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.788+/-0.030 χ^2/NDF : 561200.9/9

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 91.951+/-66.074 χ^2/NDF : 1.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.546+/-65.909 χ^2/NDF : 7.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

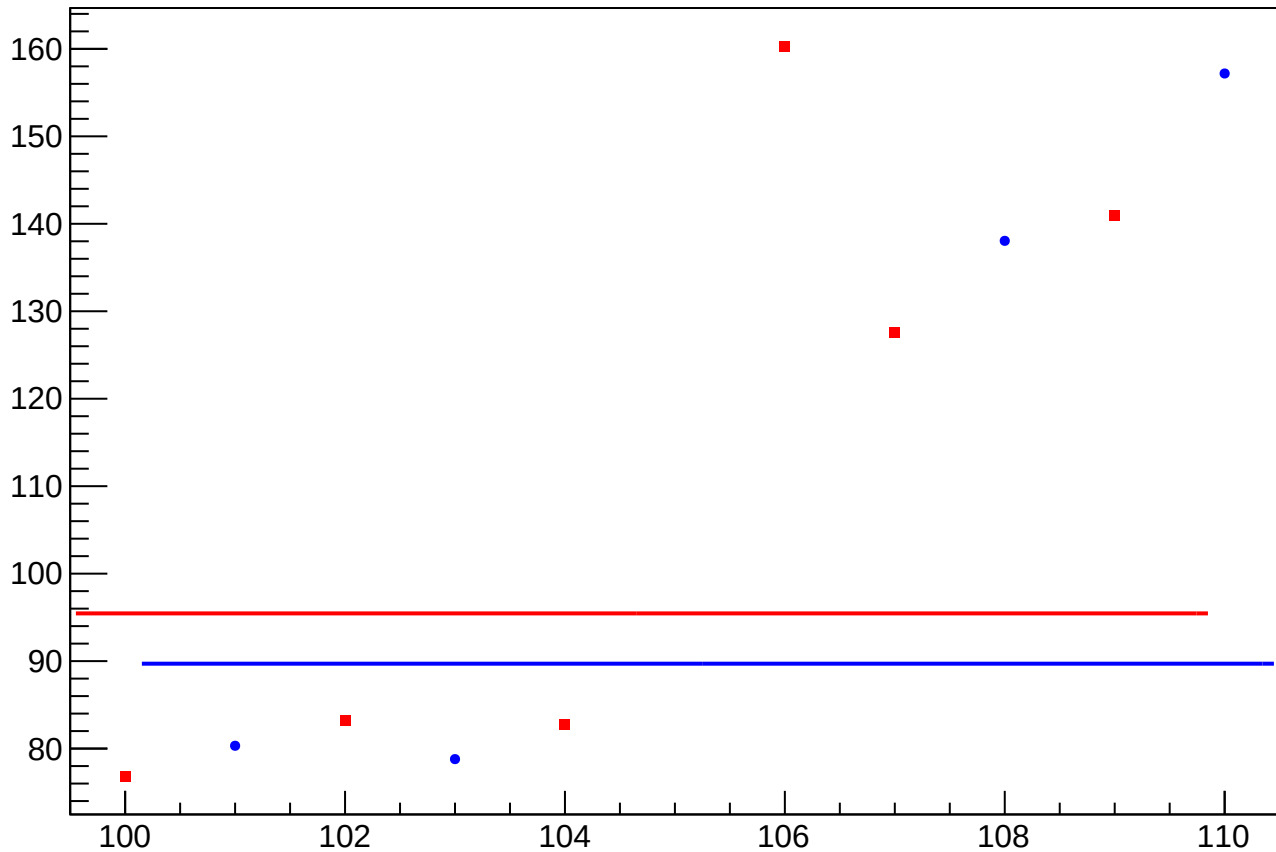
Right: 134.856+/-46.663 χ^2/NDF : 10.1/9

In: 91.951+/-66.074 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.856+/-46.663 χ^2/NDF : 10.1/9

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 89.705+/-0.047 χ^2/NDF : 269852.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.455+/-0.047 χ^2/NDF : 282854.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

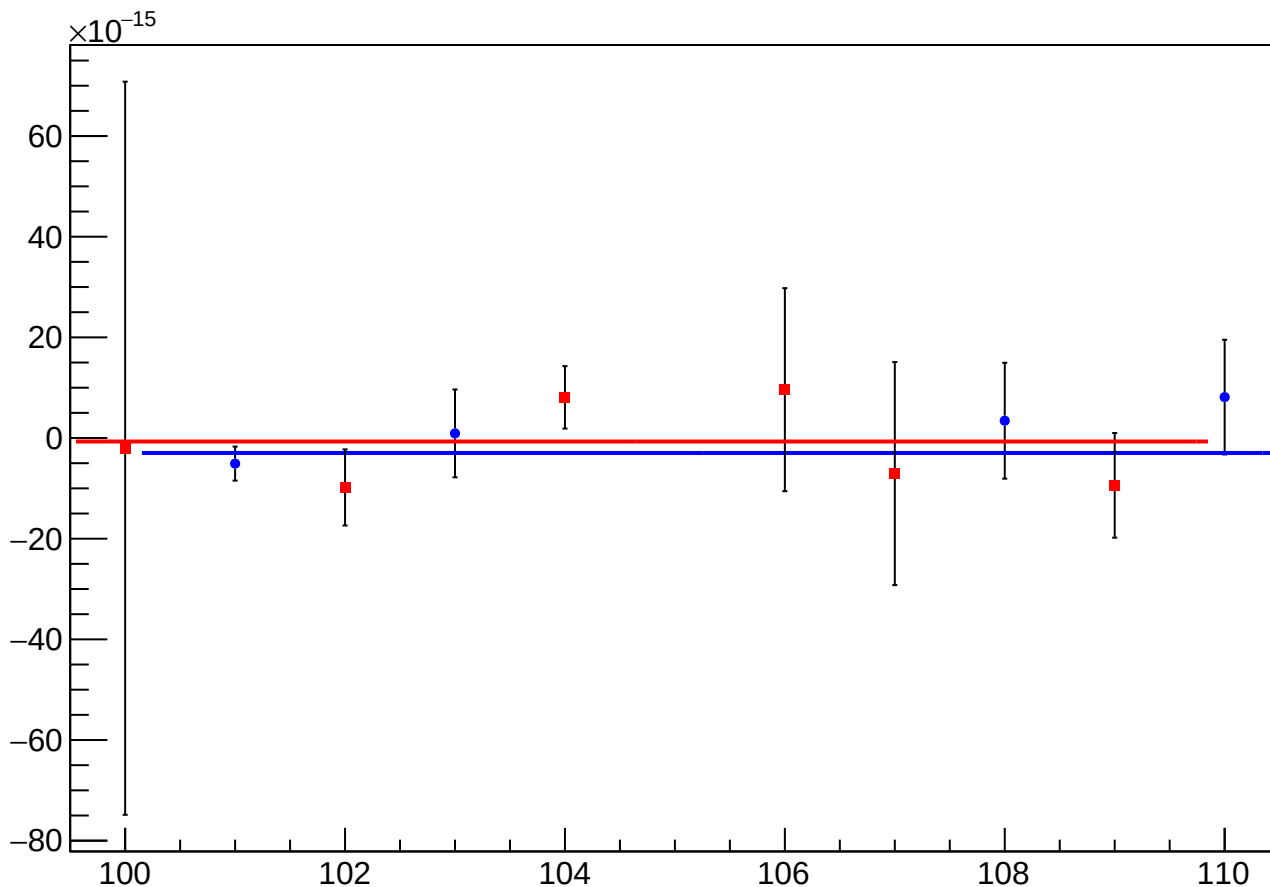
Right: 92.587+/-0.033 χ^2/NDF : 560298.3/9

In: 89.705+/-0.047 χ^2/NDF : 269852.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.587+/-0.033 χ^2/NDF : 560298.3/9

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

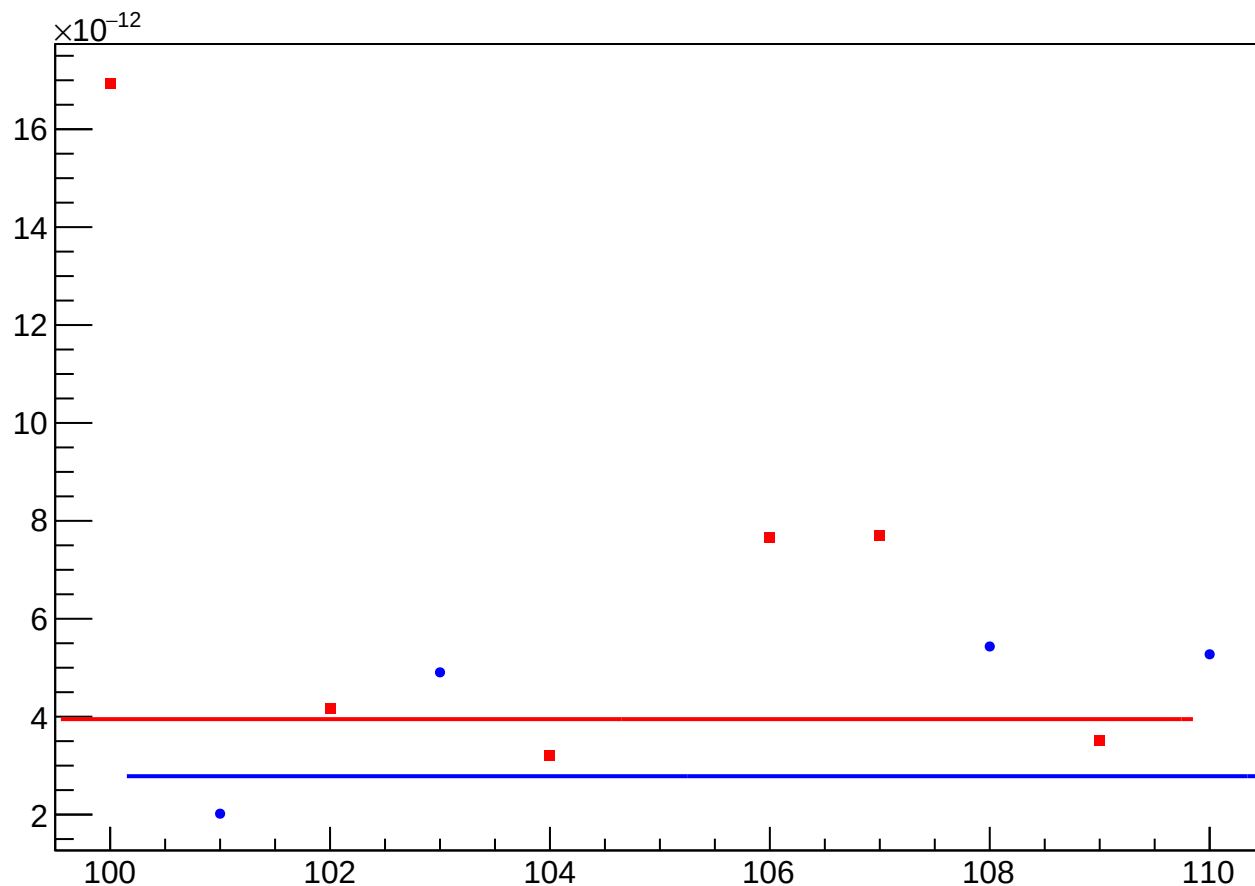
Right: -0.000+/-0.000 χ^2/NDF : 6.5/9

In: -0.000+/-0.000 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.5/9

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 422247.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 222007.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

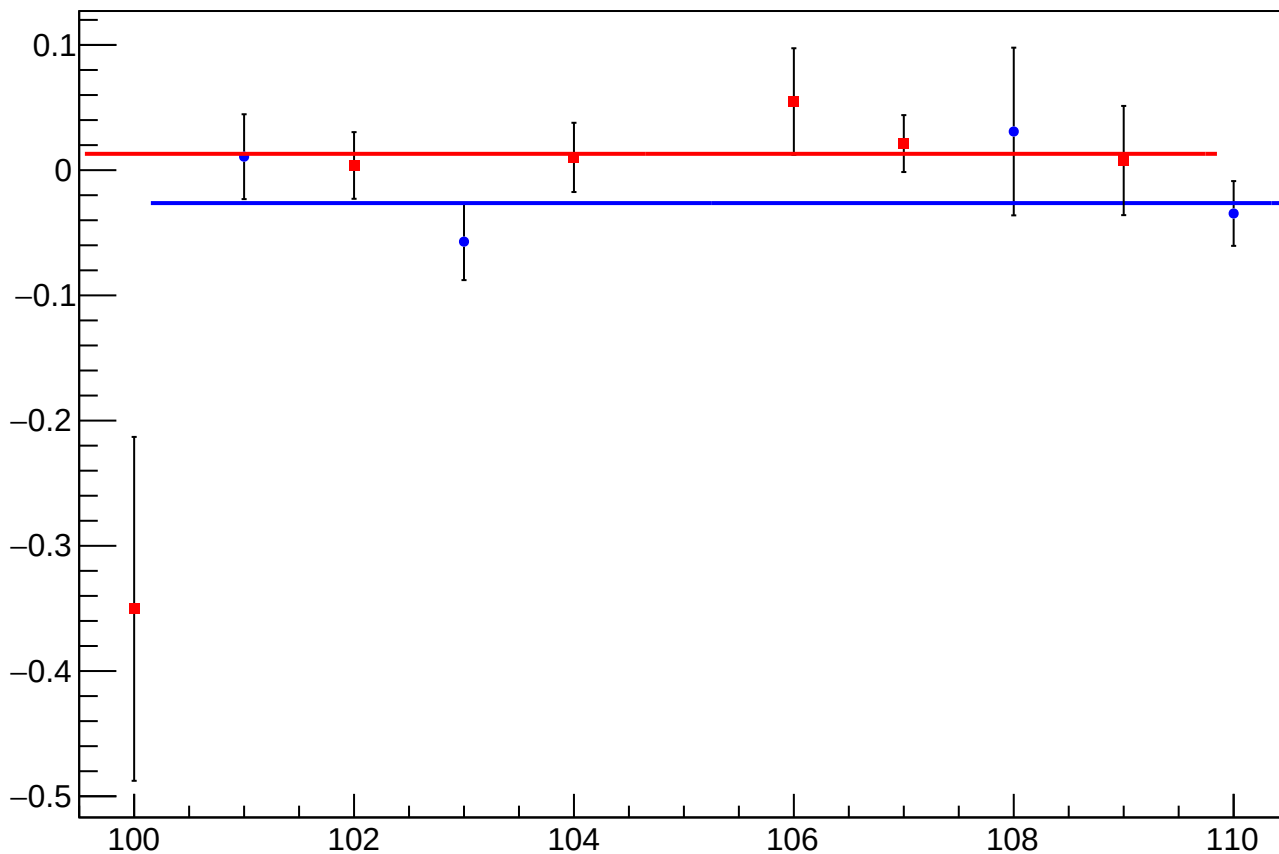
Right: 0.000+/-0.000 χ^2/NDF : 748593.9/9

In: 0.000+/-0.000 χ^2/NDF : 422247.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 748593.9/9

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 ± 0.017 χ^2/NDF : 3.0/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.013 ± 0.013 χ^2/NDF : 8.2/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

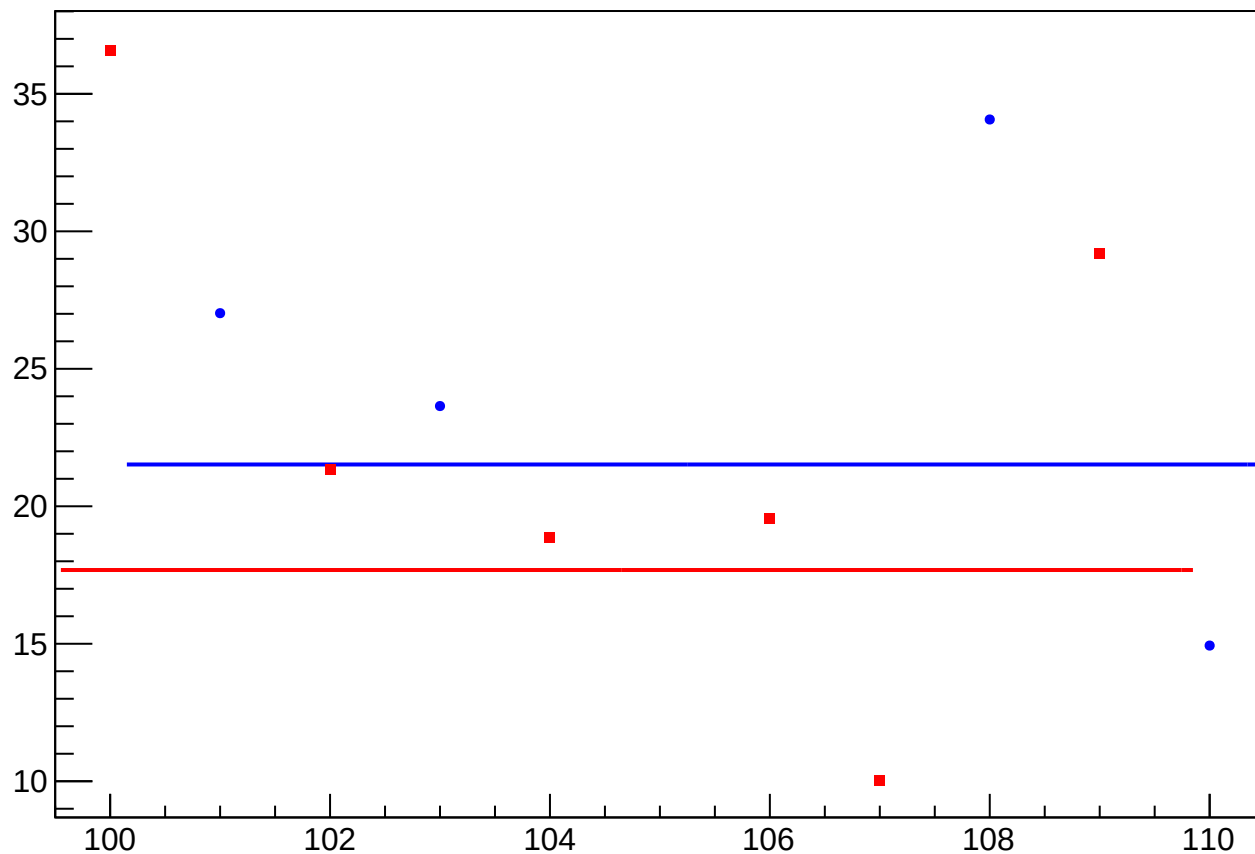
Right: -0.002 ± 0.010 χ^2/NDF : 14.7/9

In: -0.026 ± 0.017 χ^2/NDF : 3.0/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.010 χ^2/NDF : 14.7/9

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.520 $\pm$ 0.012 χ^2 /NDF: 262274.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.682 $\pm$ 0.009 χ^2 /NDF: 448923.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

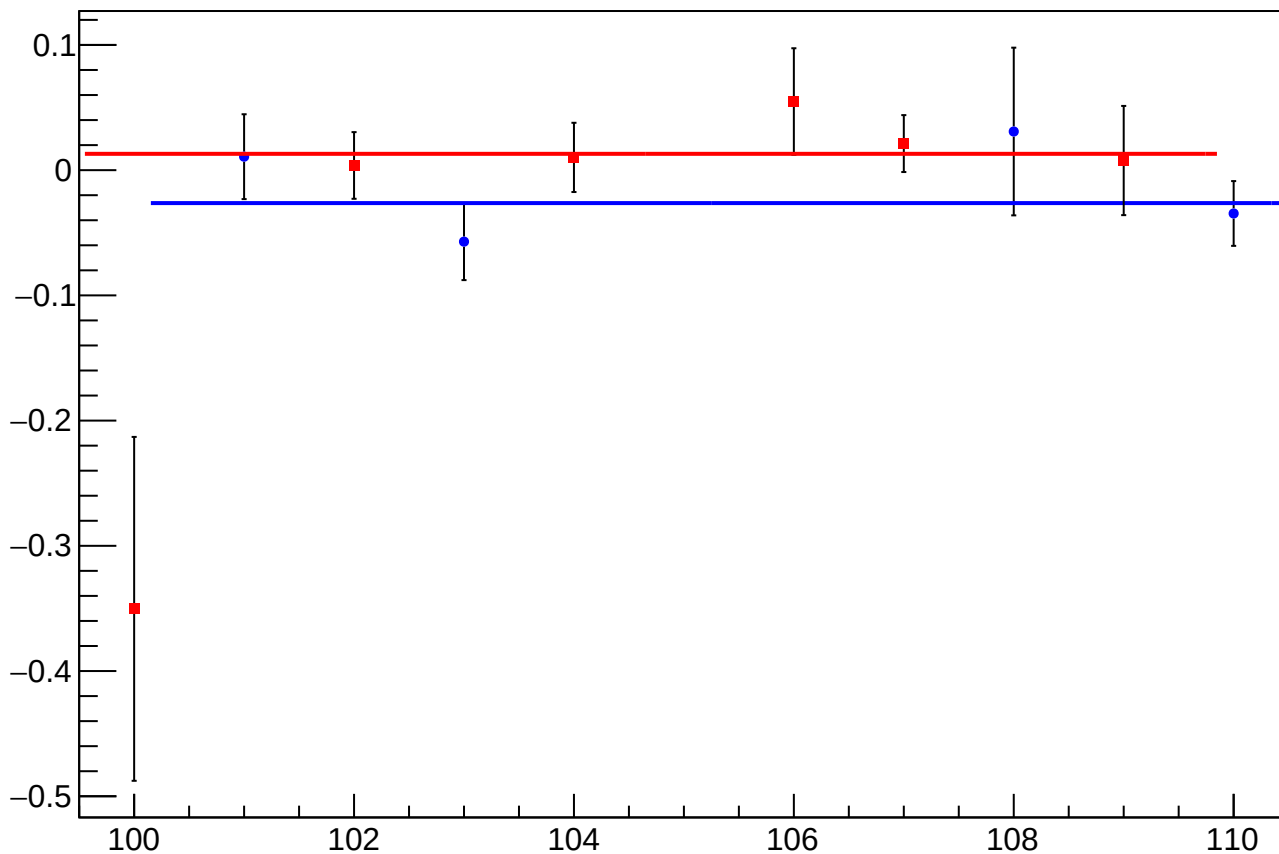
Right: 19.167 $\pm$ 0.007 χ^2 /NDF: 777121.9/9

In: 21.520 $\pm$ 0.012 χ^2 /NDF: 262274.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.167 $\pm$ 0.007 χ^2 /NDF: 777121.9/9

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 ± 0.017 χ^2/NDF : 3.0/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.013 ± 0.013 χ^2/NDF : 8.2/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

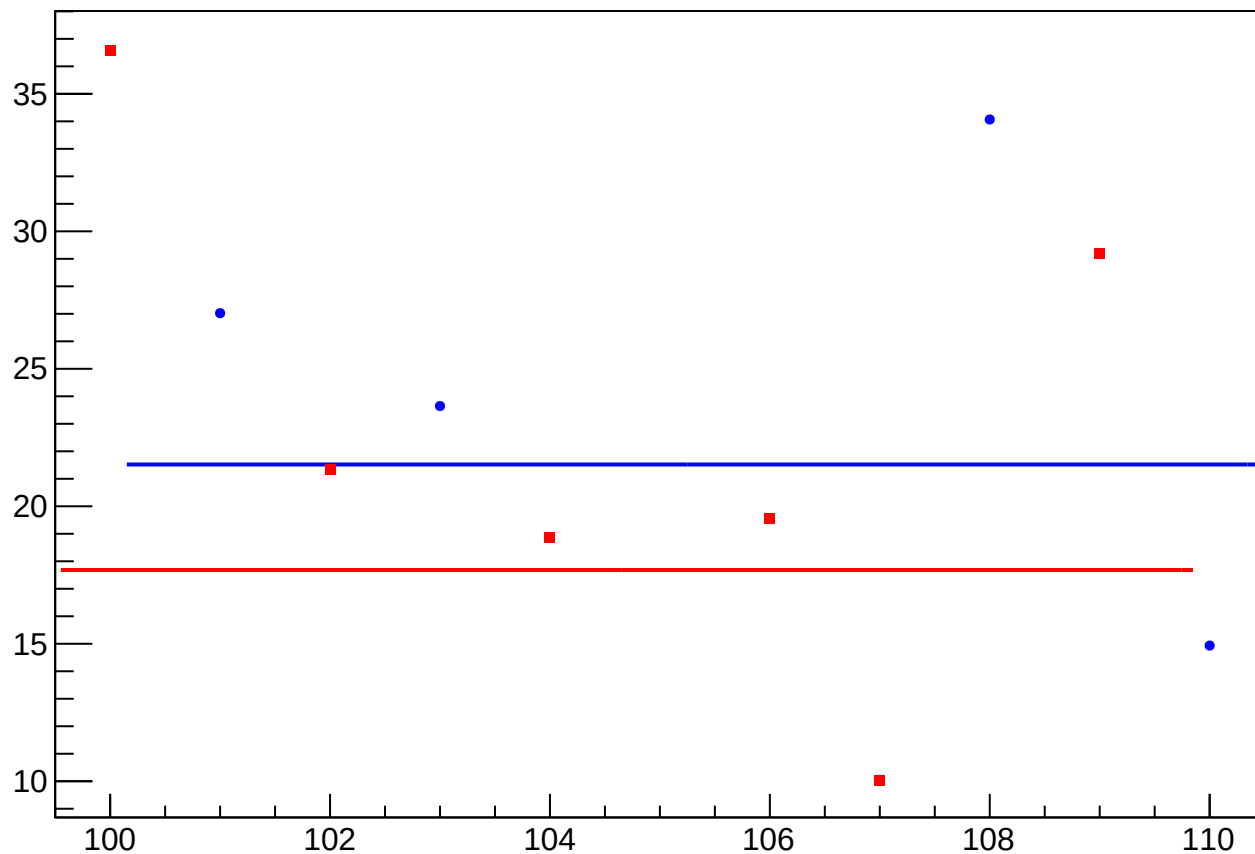
Right: -0.002 ± 0.010 χ^2/NDF : 14.7/9

In: -0.026 ± 0.017 χ^2/NDF : 3.0/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.010 χ^2/NDF : 14.7/9

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.520+/-0.012 χ^2/NDF : 262274.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.682+/-0.009 χ^2/NDF : 448923.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

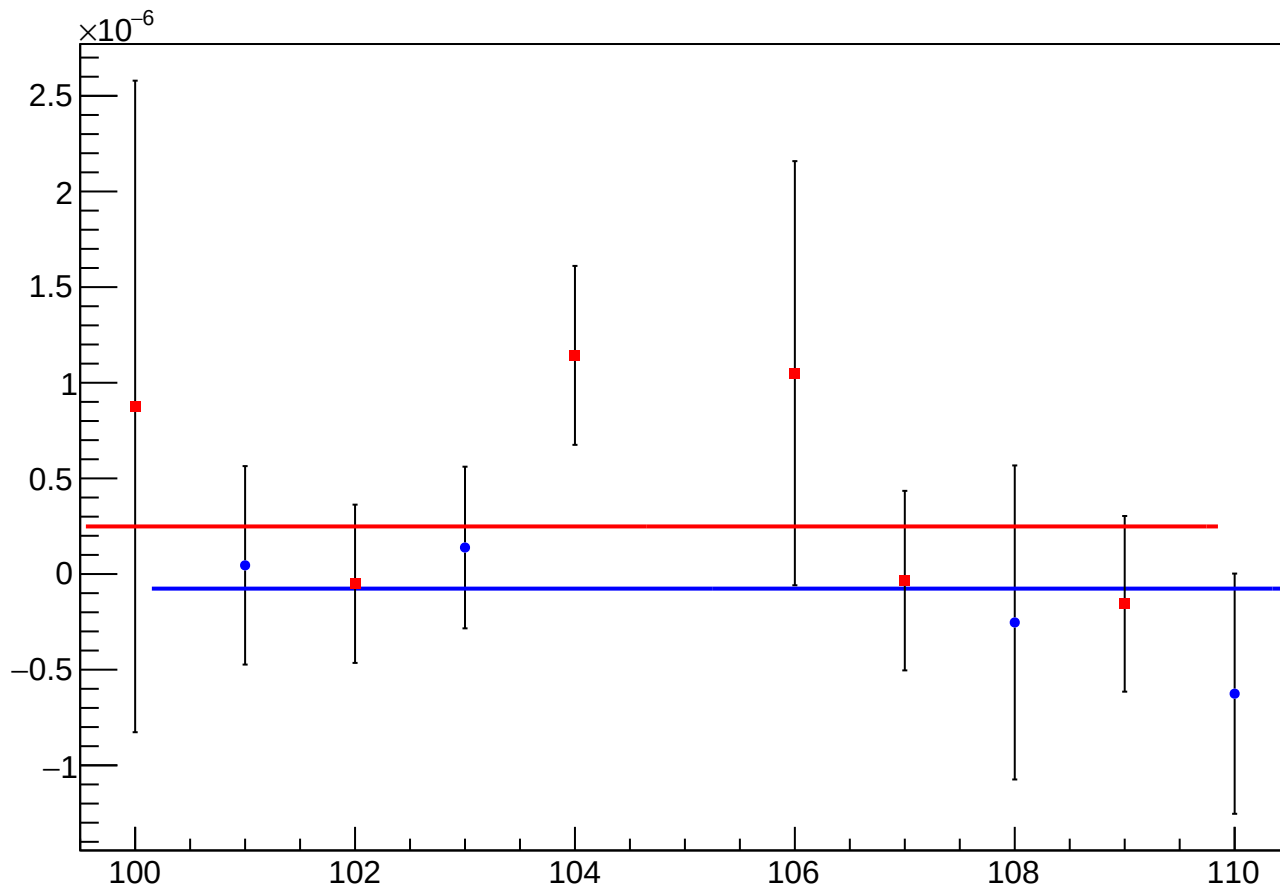
Right: 19.167+/-0.007 χ^2/NDF : 777121.9/9

In: 21.520+/-0.012 χ^2/NDF : 262274.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.167+/-0.007 χ^2/NDF : 777121.9/9

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

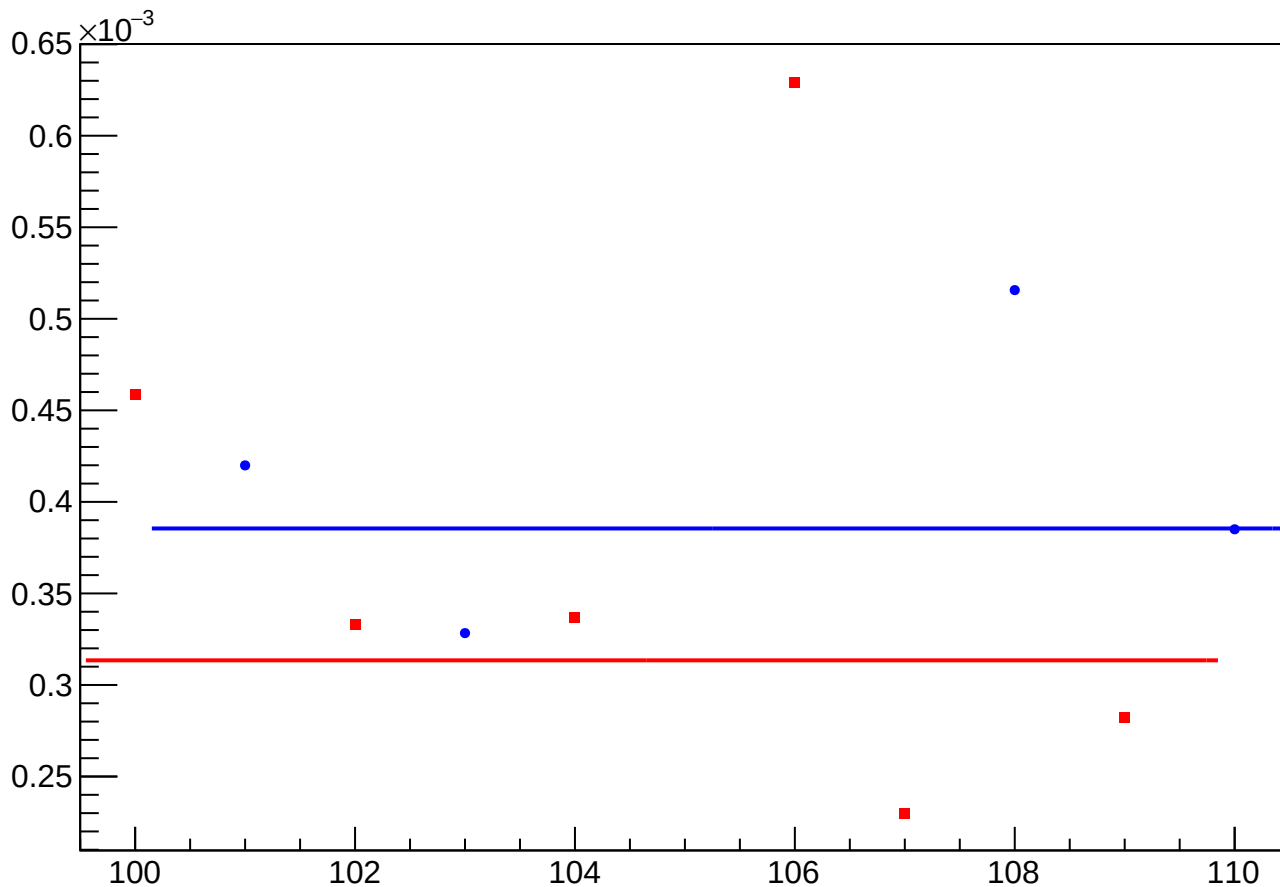
Right: 0.000+/-0.000 χ^2/NDF : 8.0/9

In: -0.000+/-0.000 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/9

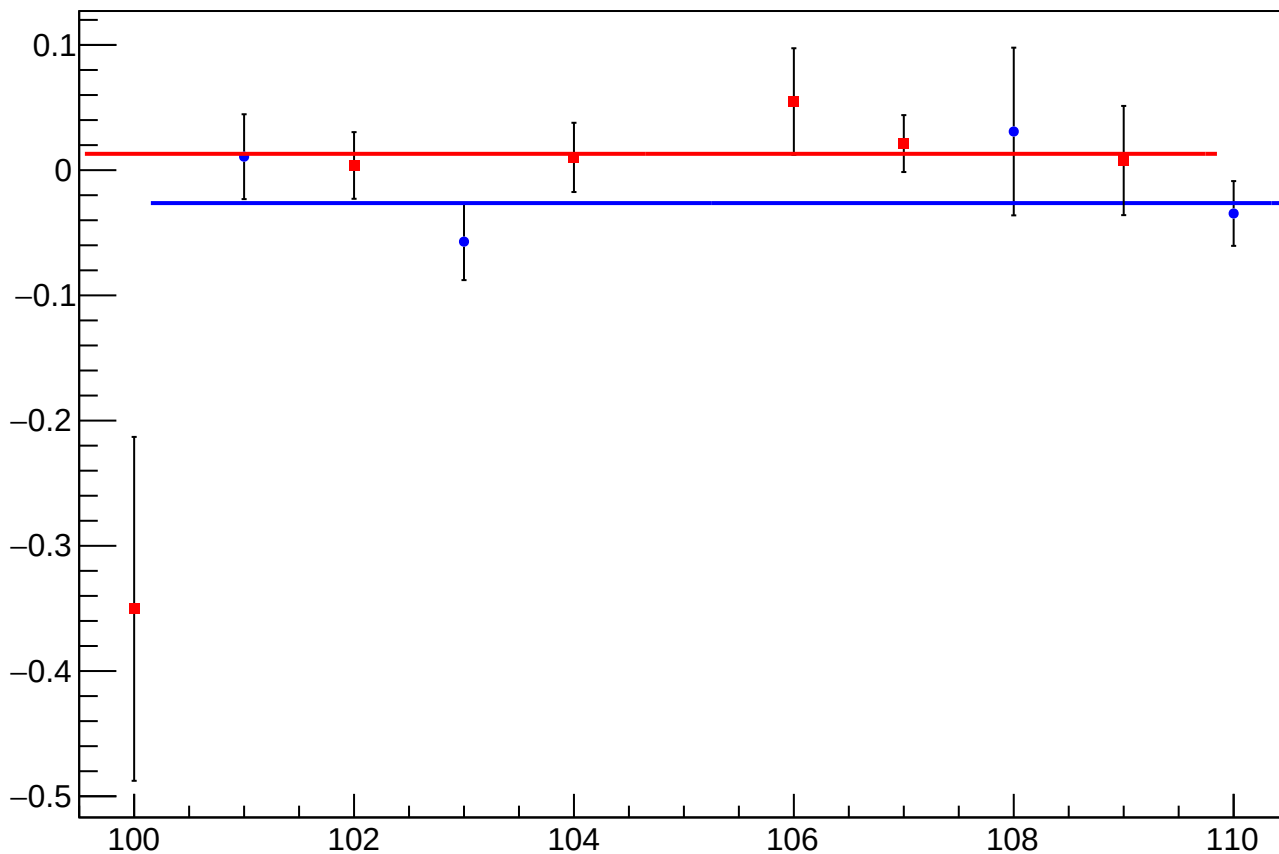
asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 95725.4/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 258736.1/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 438864.9/9
 In: 0.000+/-0.000 χ^2/NDF : 95725.4/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 438864.9/9

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 ± 0.017 χ^2/NDF : 3.0/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.013 ± 0.013 χ^2/NDF : 8.2/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

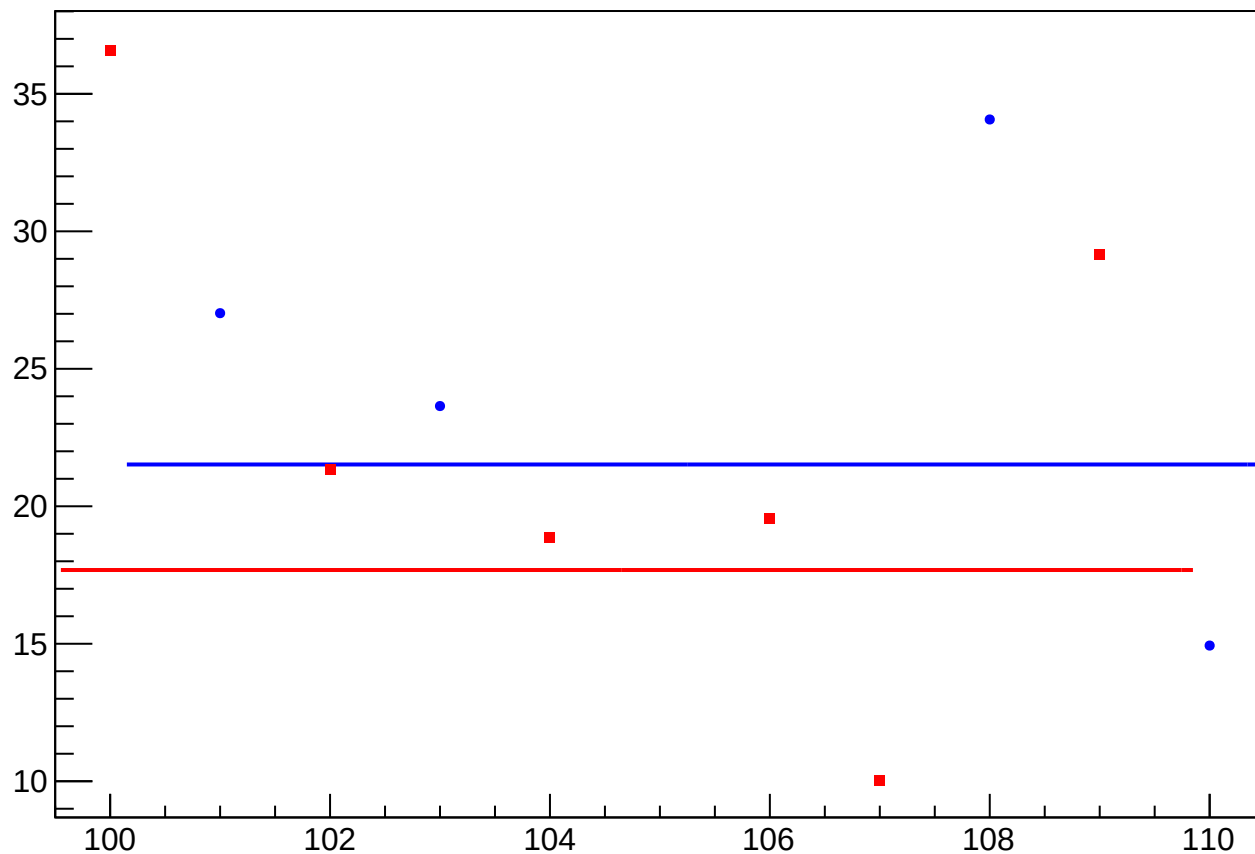
Right: -0.002 ± 0.010 χ^2/NDF : 14.7/9

In: -0.026 ± 0.017 χ^2/NDF : 3.0/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.010 χ^2/NDF : 14.7/9

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.520+/-0.012 χ^2/NDF : 262277.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.682+/-0.009 χ^2/NDF : 448932.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

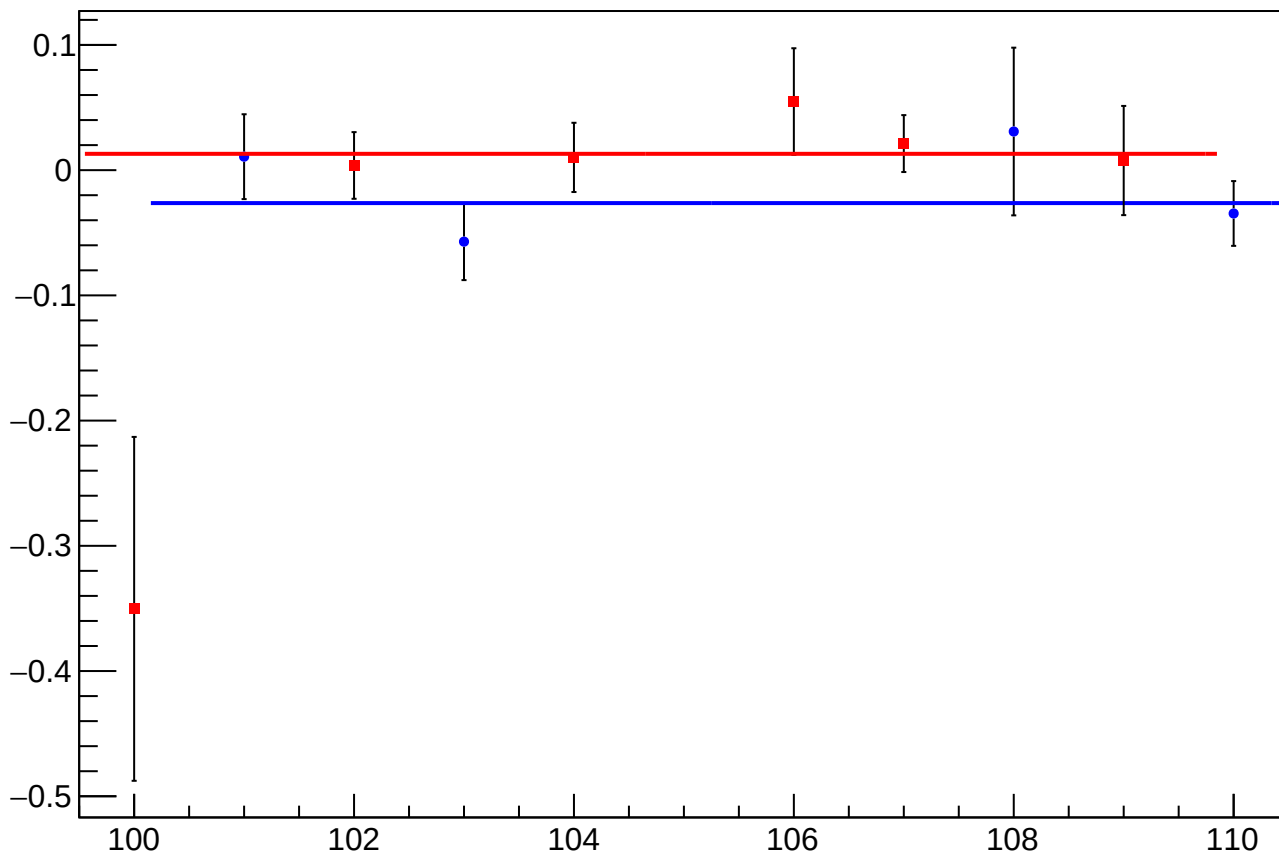
Right: 19.167+/-0.007 χ^2/NDF : 777138.0/9

In: 21.520+/-0.012 χ^2/NDF : 262277.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.167+/-0.007 χ^2/NDF : 777138.0/9

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.017 χ^2 /NDF: 3.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.013 χ^2 /NDF: 8.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

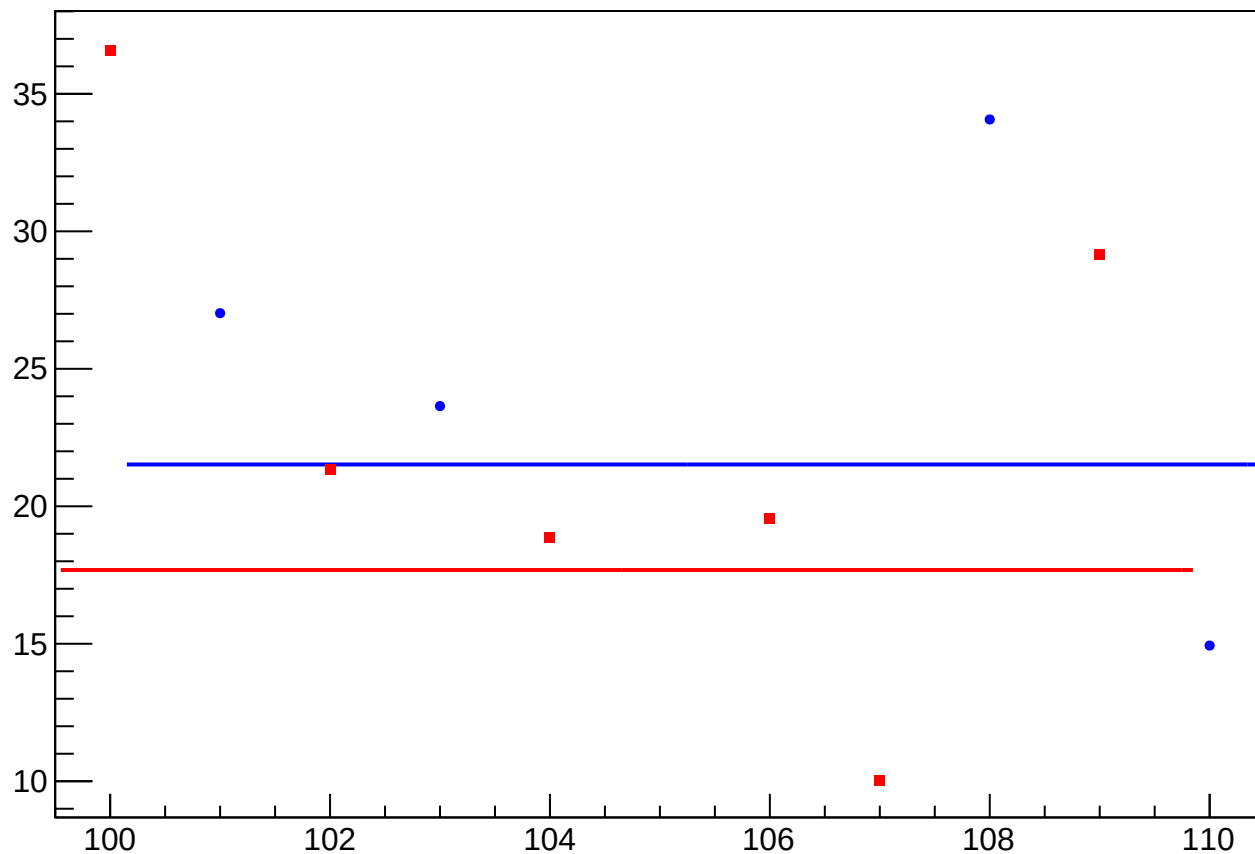
Right: -0.002 $\pm$ 0.010 χ^2 /NDF: 14.7/9

In: -0.026 $\pm$ 0.017 χ^2 /NDF:3.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.010 χ^2 /NDF: 14.7/9

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.520 $\pm$ 0.012 χ^2 /NDF: 262277.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.682 $\pm$ 0.009 χ^2 /NDF: 448932.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

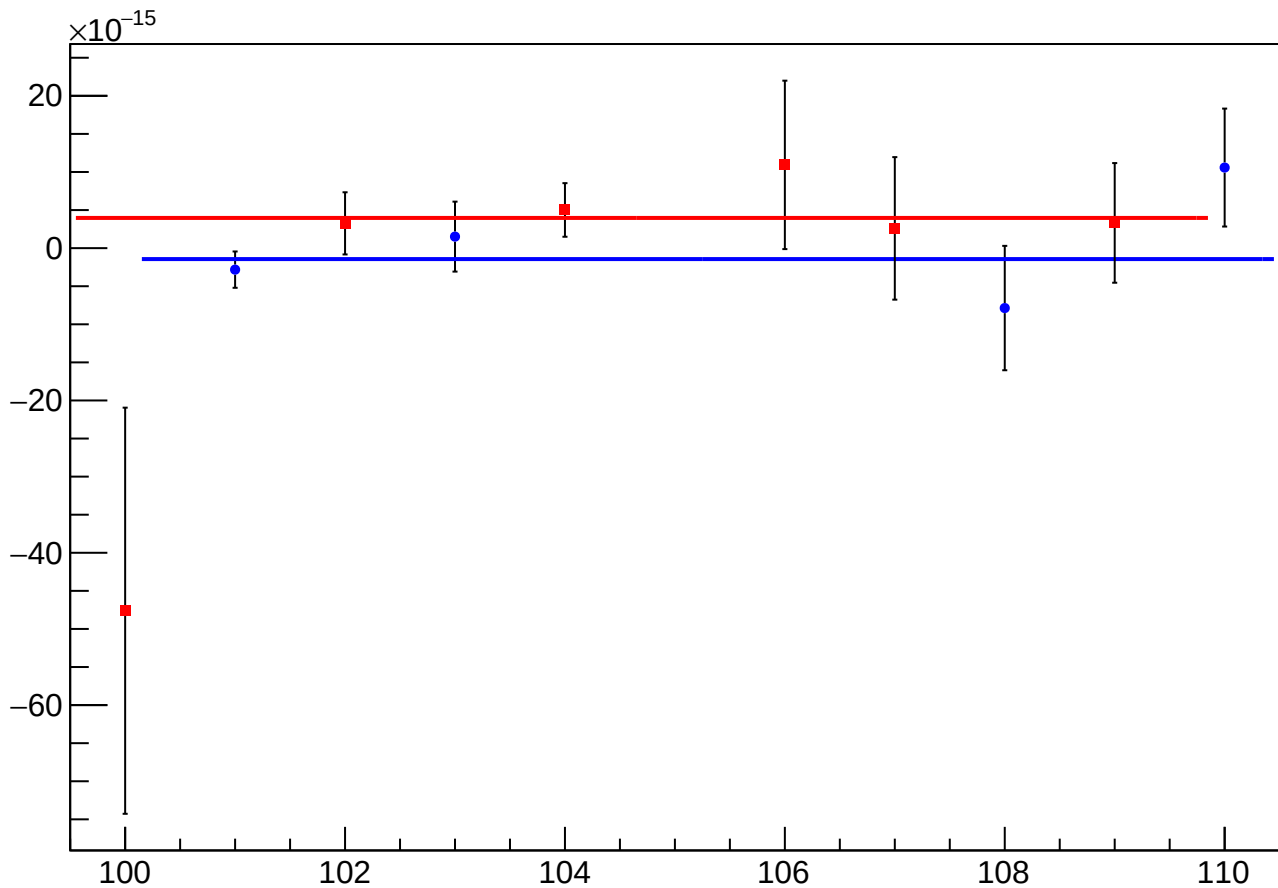
Right: 19.167 $\pm$ 0.007 χ^2 /NDF: 777138.0/9

In: 21.520 $\pm$ 0.012 χ^2 /NDF:262277.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.167 $\pm$ 0.007 χ^2 /NDF: 777138.0/9

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.8/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 4.3/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

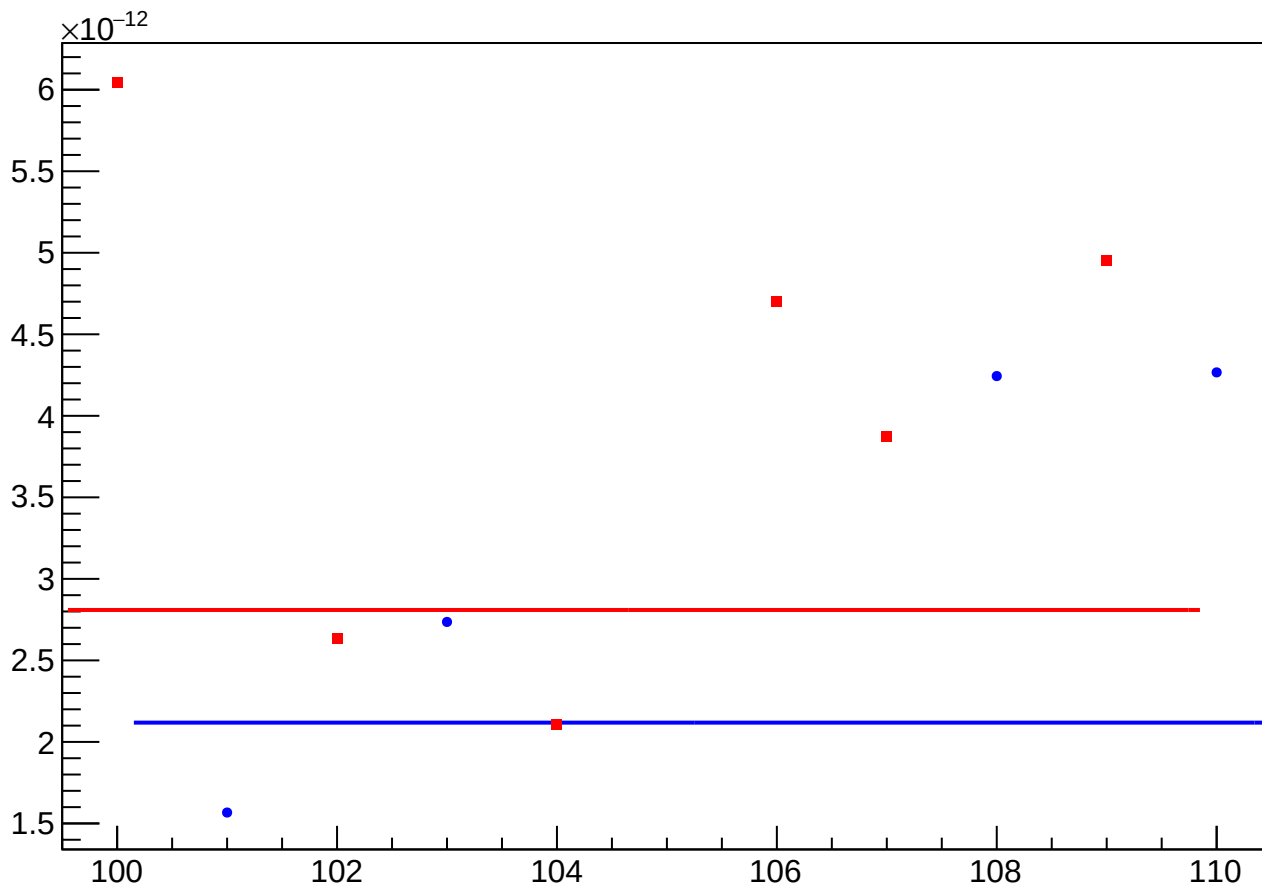
Right: 0.000+/-0.000 χ^2 /NDF: 11.1/9

In: -0.000+/-0.000 χ^2 /NDF:3.8/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 11.1/9

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 432519.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 345186.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

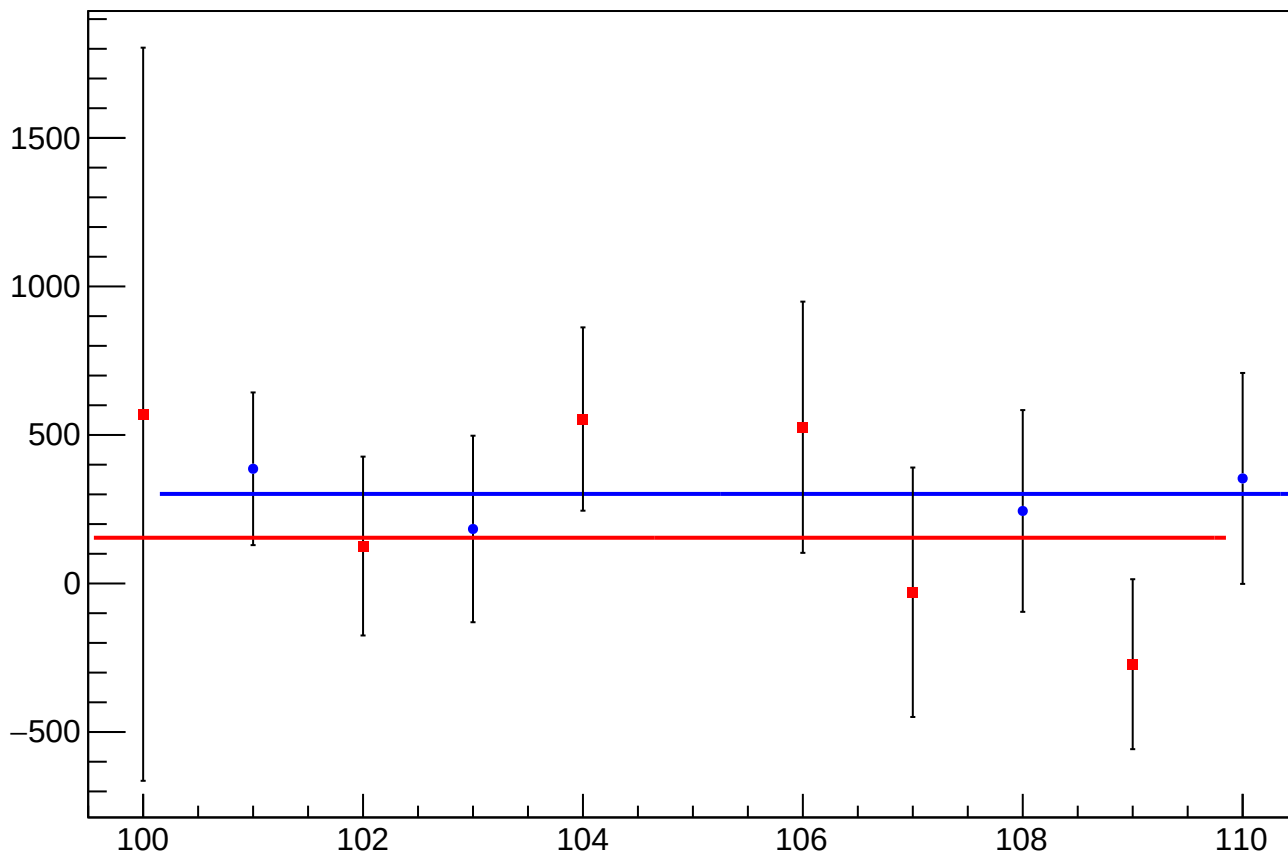
Right: 0.000+/-0.000 χ^2/NDF : 877769.8/9

In: 0.000+/-0.000 χ^2/NDF : 432519.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 877769.8/9

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 301.546+/-154.504 χ^2/NDF : 0.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.994+/-147.962 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

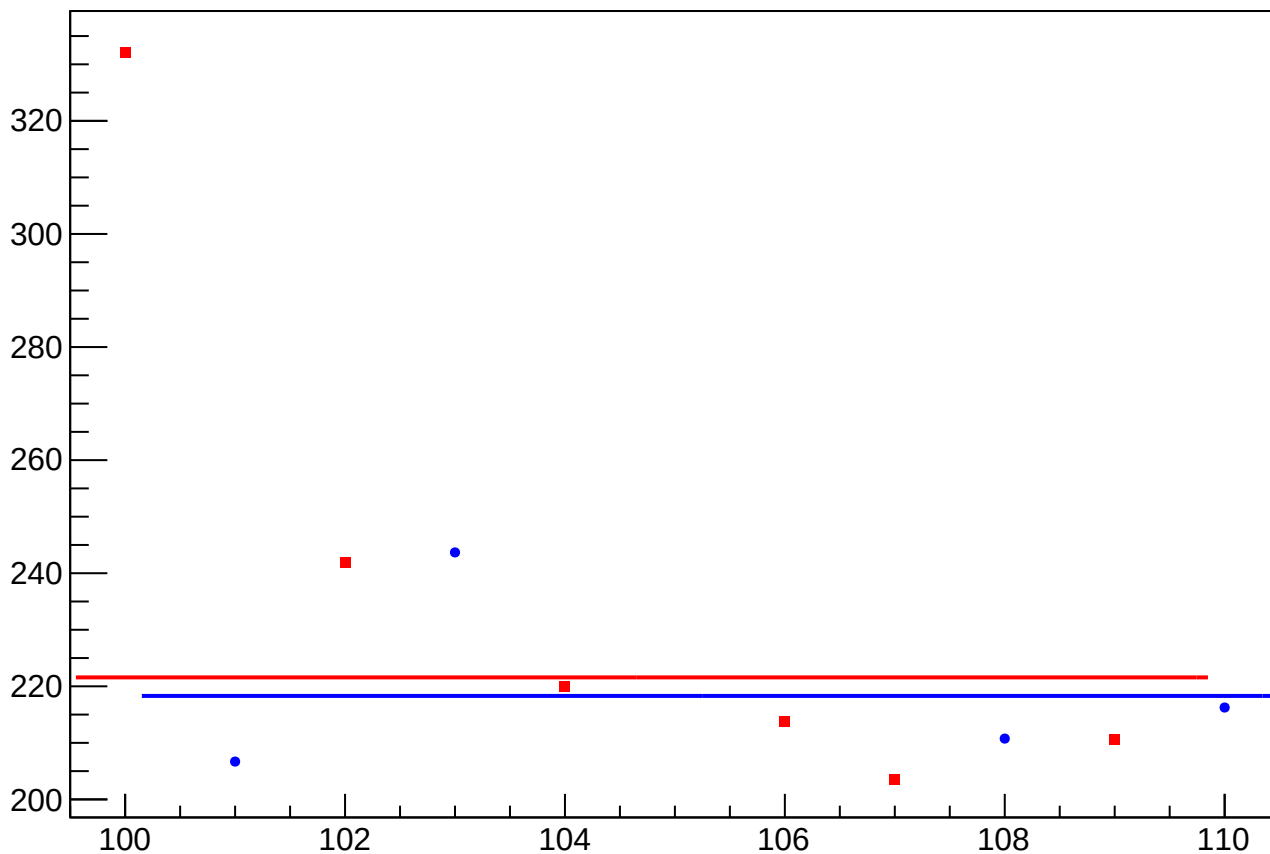
Right: 224.580+/-106.863 χ^2/NDF : 5.8/9

In: 301.546+/-154.504 χ^2/NDF : 0.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.580+/-106.863 χ^2/NDF : 5.8/9

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 218.301+/-0.109 χ^2/NDF : 18205.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 221.576+/-0.105 χ^2/NDF : 32431.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

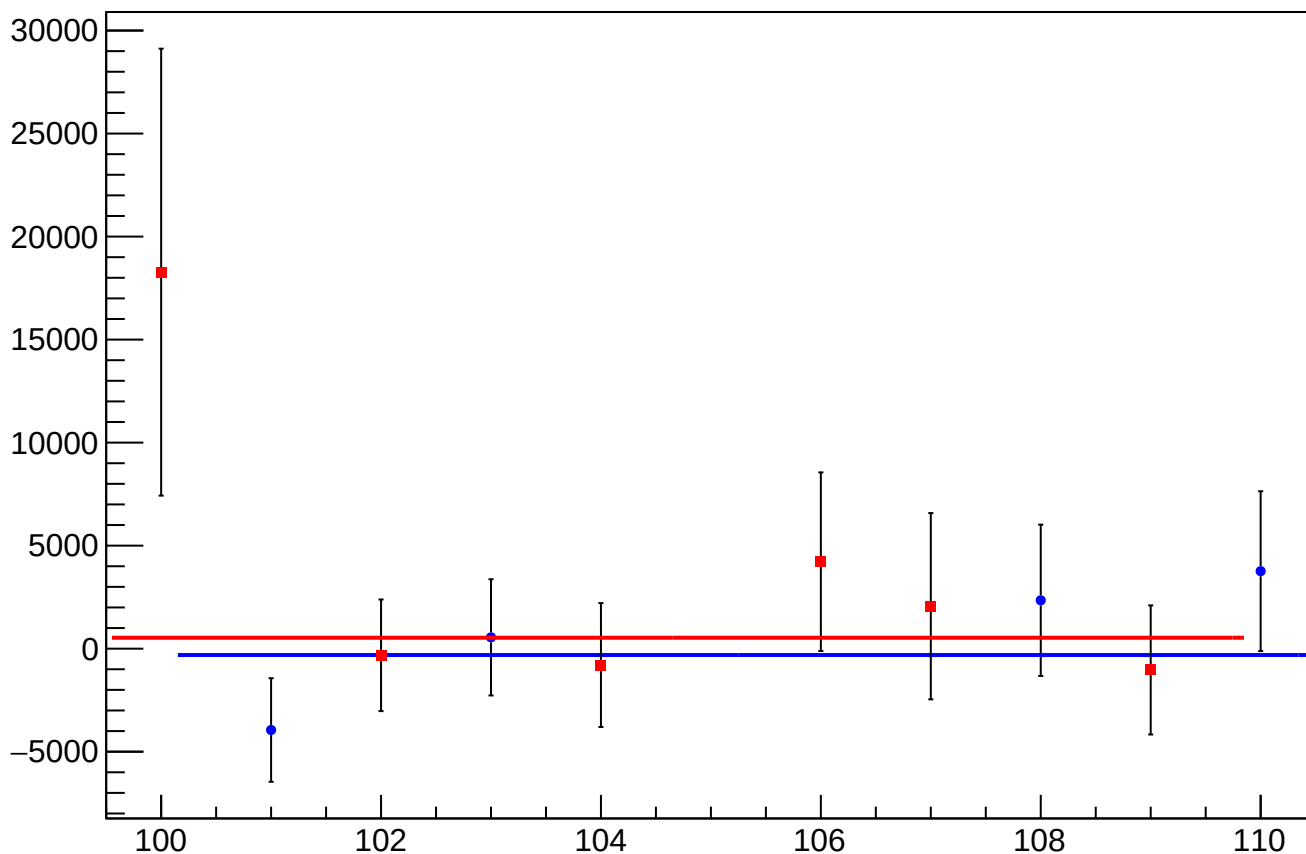
Right: 220.009+/-0.076 χ^2/NDF : 51106.1/9

In: 218.301+/-0.109 χ^2/NDF : 18205.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 220.009+/-0.076 χ^2/NDF : 51106.1/9

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -309.195+/-1534.707 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.348+/-1475.345 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

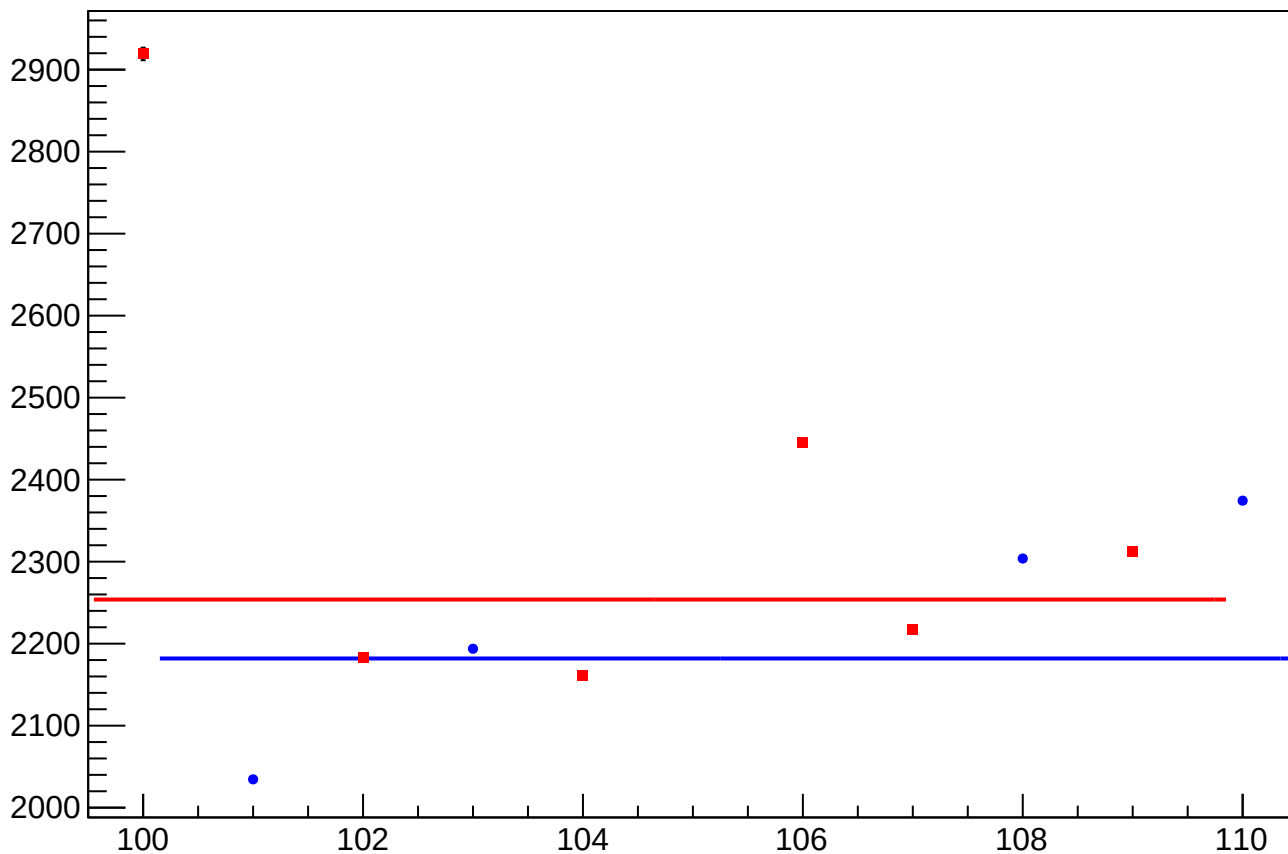
Right: 127.647+/-1063.593 χ^2/NDF : 8.0/9

In: -309.195+/-1534.707 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.647+/-1063.593 χ^2/NDF : 8.0/9

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2181.927+/-1.085 χ^2/NDF : 14037.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2253.818+/-1.043 χ^2/NDF : 15502.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

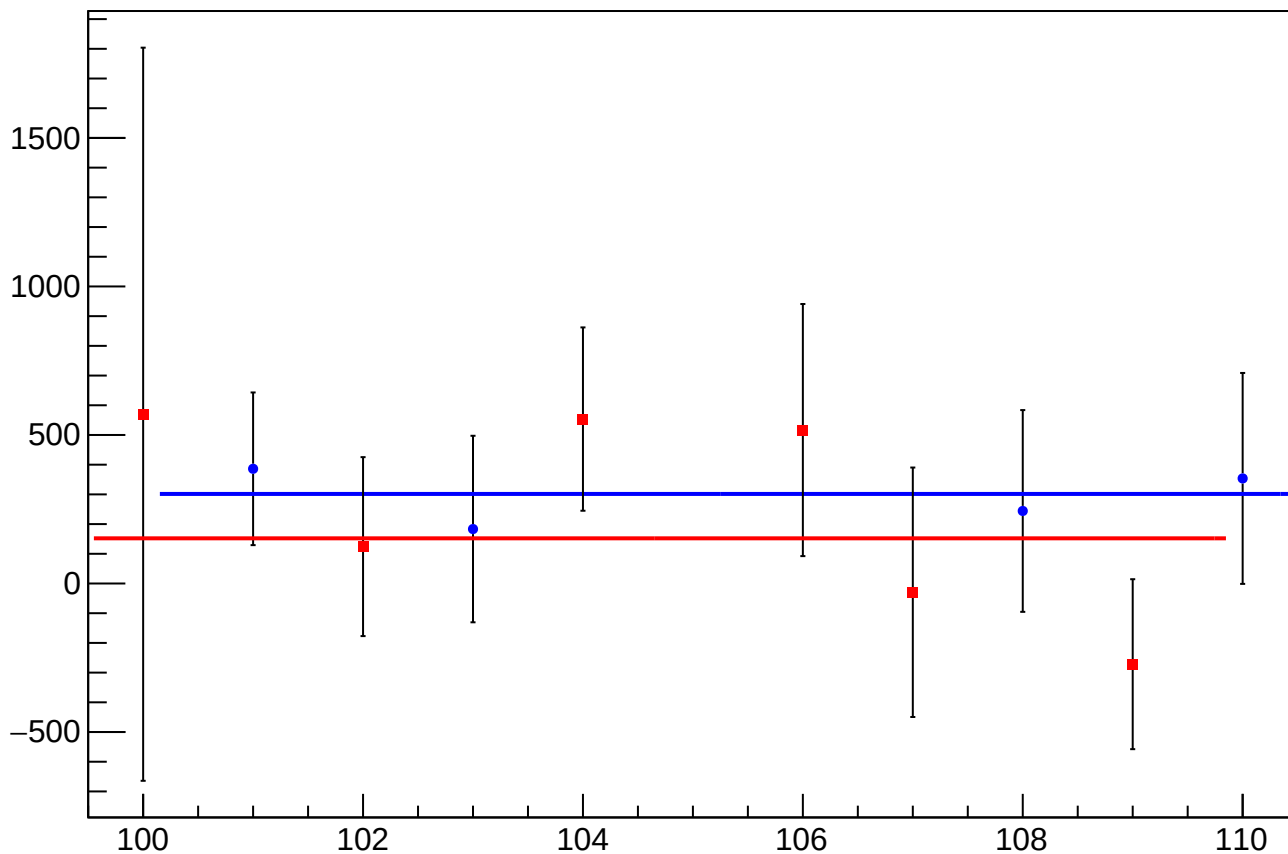
Right: 2219.290+/-0.752 χ^2/NDF : 31821.0/9

In: 2181.927+/-1.085 χ^2/NDF : 14037.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2219.290+/-0.752 χ^2/NDF : 31821.0/9

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 301.502 $\pm$ 154.504 χ^2 /NDF: 0.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 152.059 $\pm$ 148.045 χ^2 /NDF: 4.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

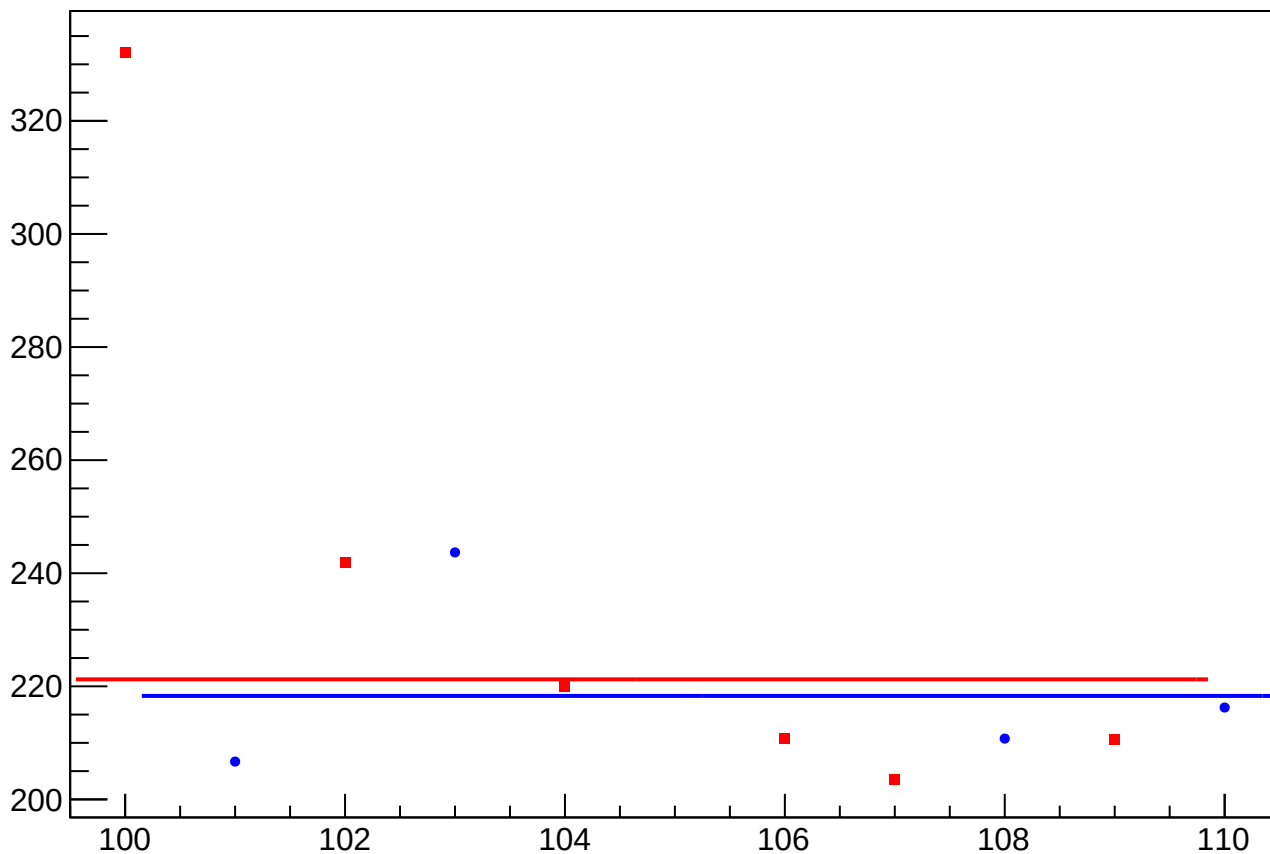
Right: 223.592 $\pm$ 106.894 χ^2 /NDF: 5.7/9

In: 301.502 $\pm$ 154.504 χ^2 /NDF:0.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.592 $\pm$ 106.894 χ^2 /NDF: 5.7/9

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 218.301+/-0.109 χ^2/NDF : 18206.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 221.233+/-0.105 χ^2/NDF : 33166.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

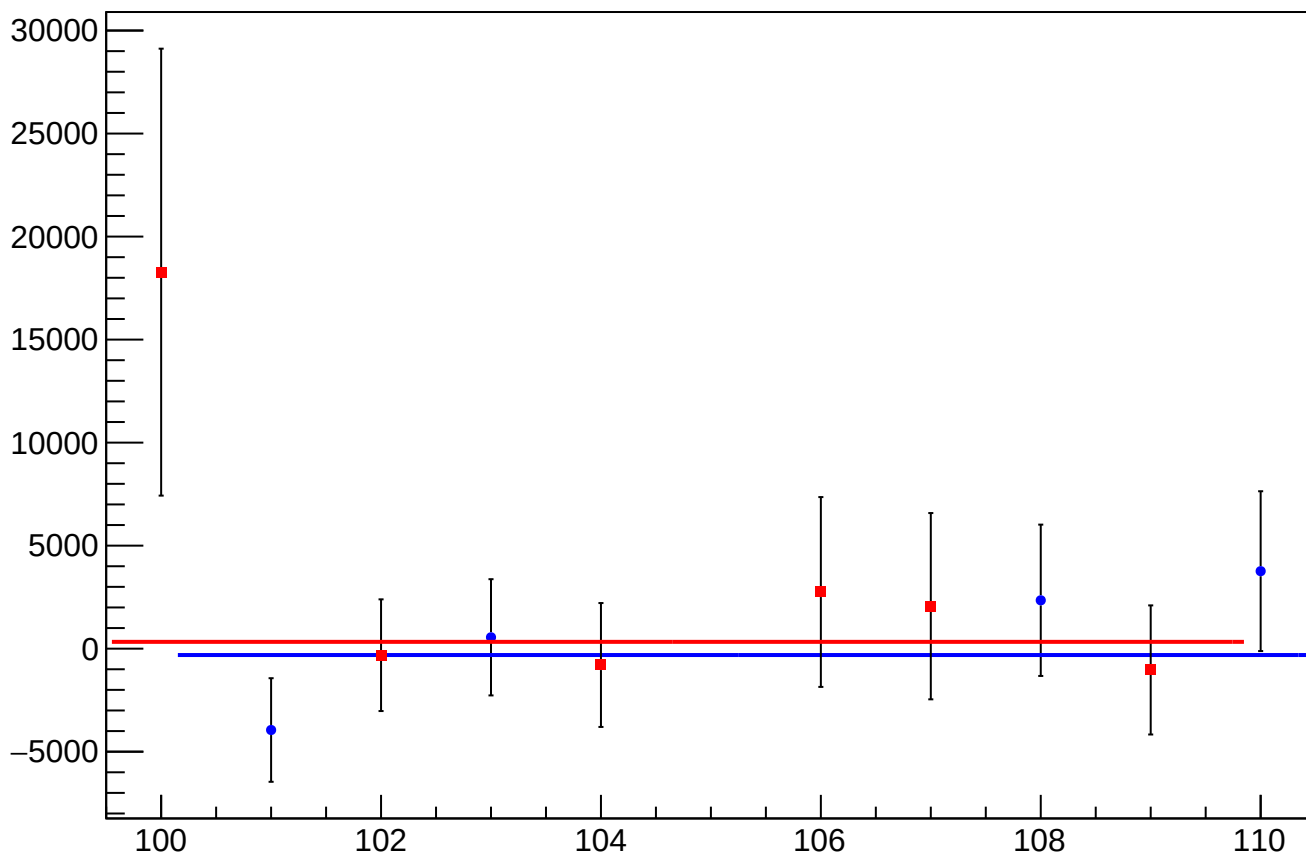
Right: 219.830+/-0.076 χ^2/NDF : 51747.9/9

In: 218.301+/-0.109 χ^2/NDF : 18206.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.830+/-0.076 χ^2/NDF : 51747.9/9

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -308.876+/-1534.732 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 330.597+/-1485.551 χ^2/NDF : 3.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

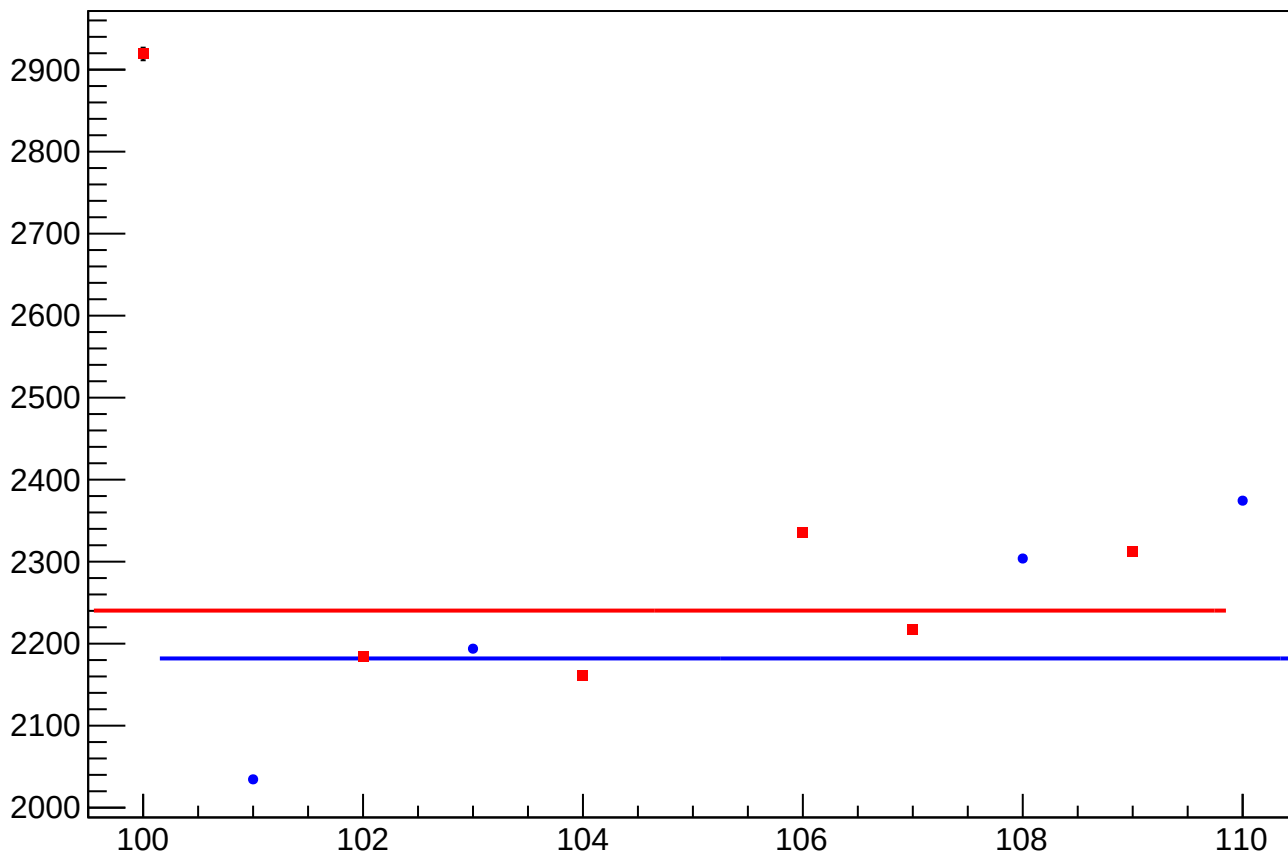
Right: 21.271+/-1067.406 χ^2/NDF : 7.4/9

In: -308.876+/-1534.732 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.271+/-1067.406 χ^2/NDF : 7.4/9

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2181.960+/-1.085 χ^2/NDF : 14038.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2240.333+/-1.050 χ^2/NDF : 12021.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

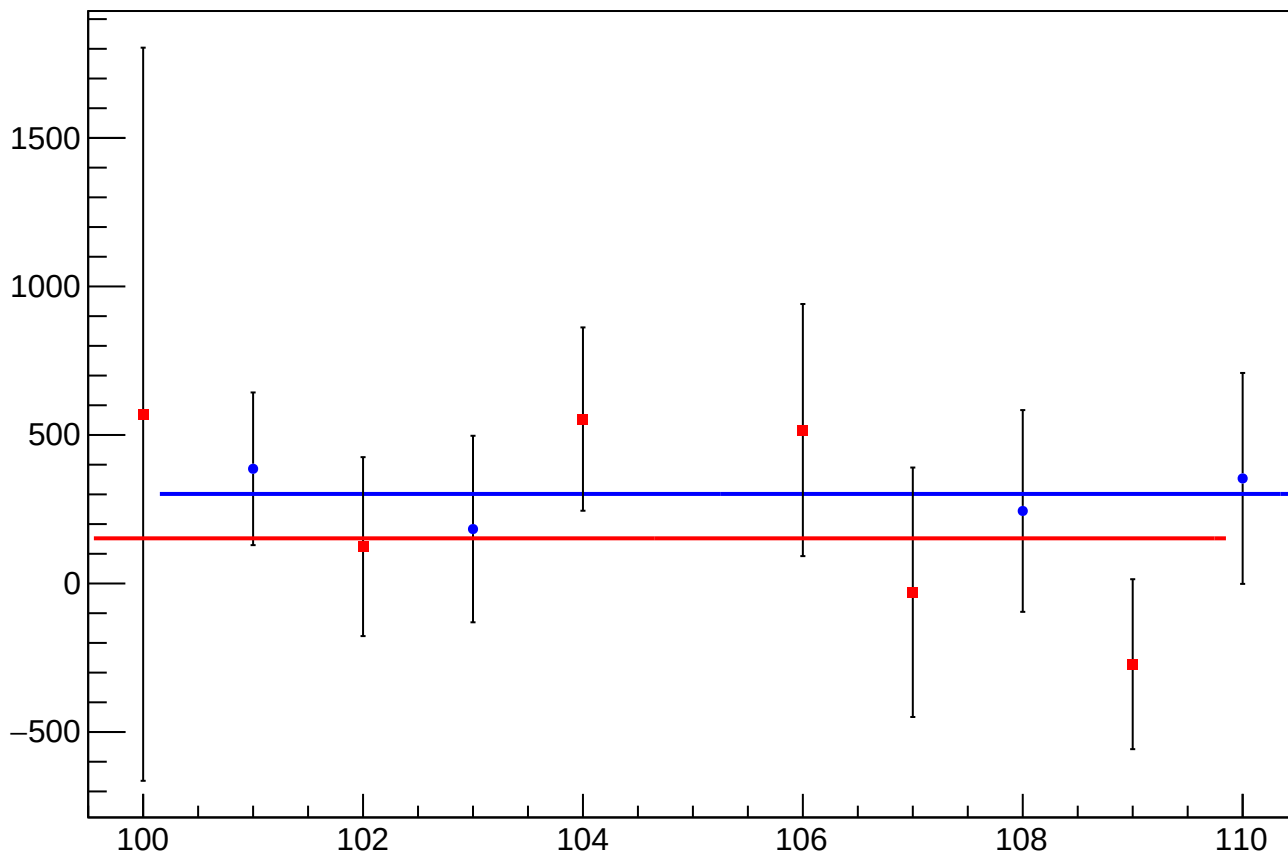
Right: 2212.097+/-0.755 χ^2/NDF : 27553.2/9

In: 2181.960+/-1.085 χ^2/NDF : 14038.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2212.097+/-0.755 χ^2/NDF : 27553.2/9

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 301.502 $\pm$ 154.504 χ^2 /NDF: 0.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 152.059 $\pm$ 148.045 χ^2 /NDF: 4.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

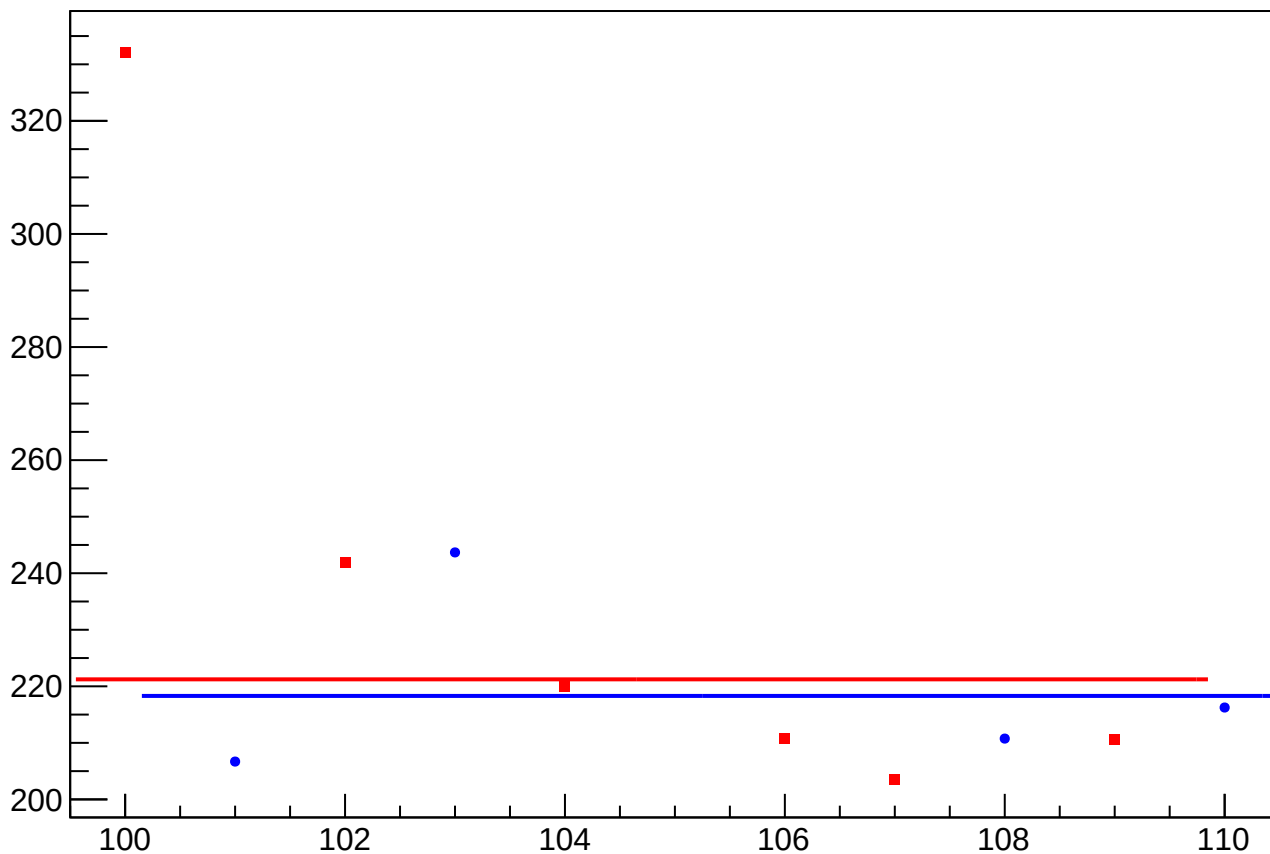
Right: 223.592 $\pm$ 106.894 χ^2 /NDF: 5.7/9

In: 301.502 $\pm$ 154.504 χ^2 /NDF:0.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.592 $\pm$ 106.894 χ^2 /NDF: 5.7/9

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 218.301+/-0.109 χ^2/NDF : 18206.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 221.233+/-0.105 χ^2/NDF : 33166.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

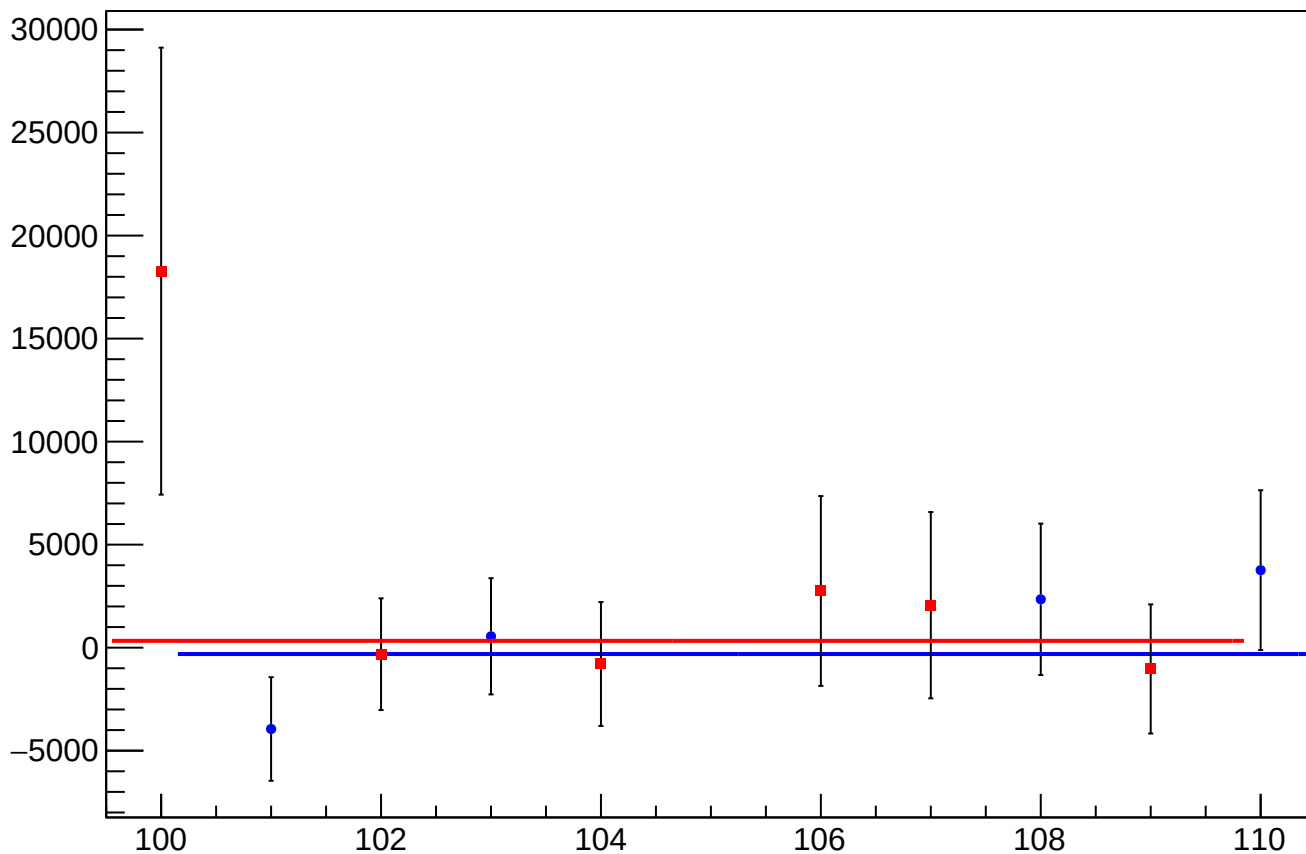
Right: 219.830+/-0.076 χ^2/NDF : 51747.9/9

In: 218.301+/-0.109 χ^2/NDF : 18206.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.830+/-0.076 χ^2/NDF : 51747.9/9

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -308.876+/-1534.732 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 330.597+/-1485.551 χ^2/NDF : 3.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

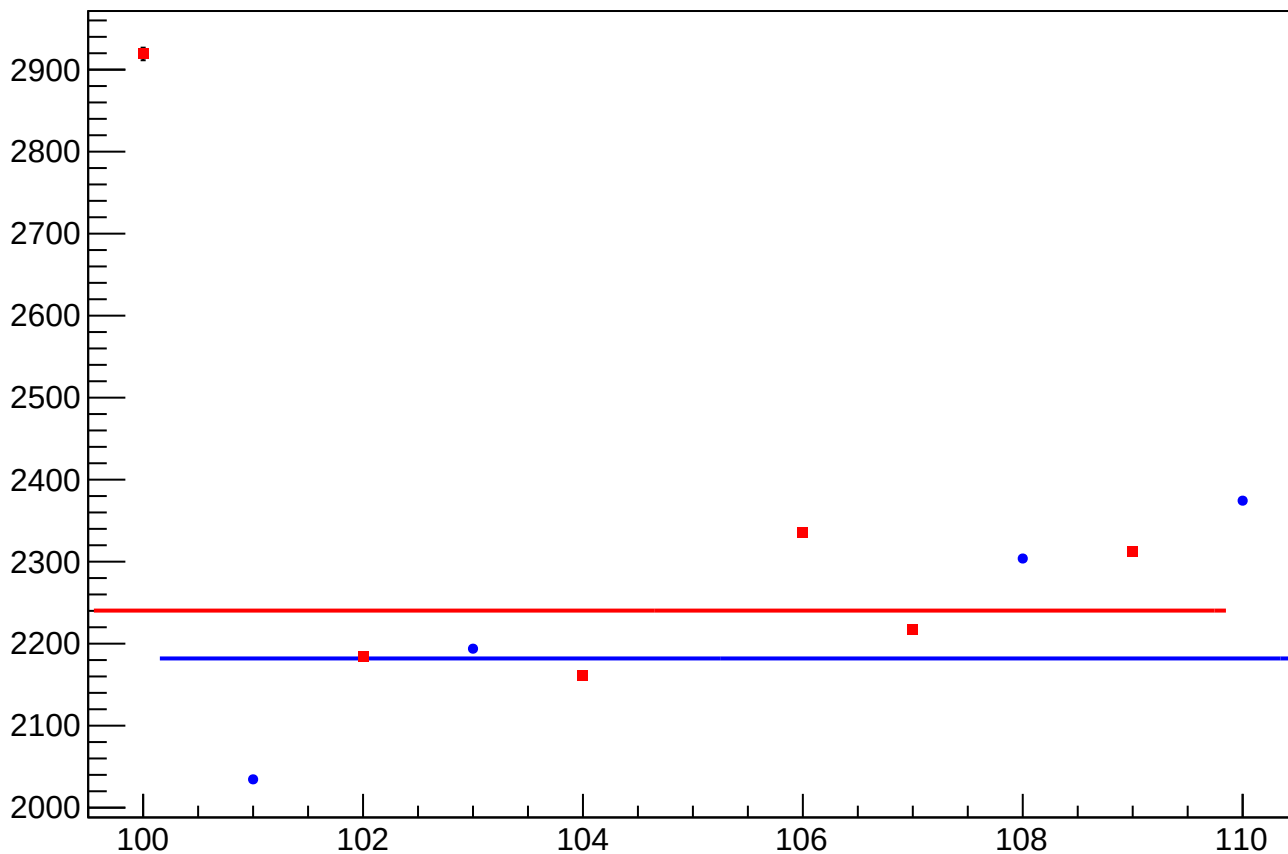
Right: 21.271+/-1067.406 χ^2/NDF : 7.4/9

In: -308.876+/-1534.732 χ^2/NDF :3.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.271+/-1067.406 χ^2/NDF : 7.4/9

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2181.960+/-1.085 χ^2/NDF : 14038.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2240.333+/-1.050 χ^2/NDF : 12021.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

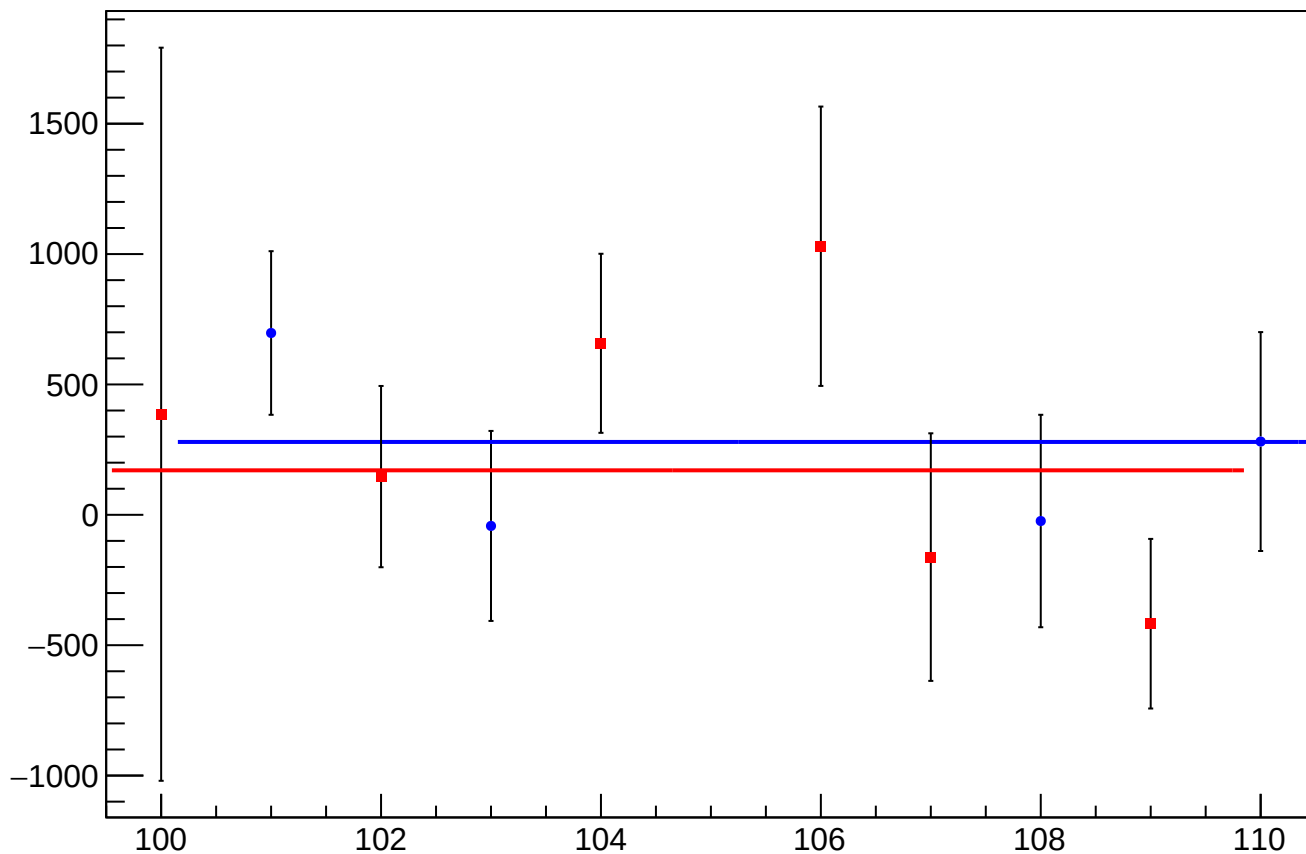
Right: 2212.097+/-0.755 χ^2/NDF : 27553.2/9

In: 2181.960+/-1.085 χ^2/NDF : 14038.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2212.097+/-0.755 χ^2/NDF : 27553.2/9

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 279.471 $\pm$ 184.453 χ^2 /NDF: 3.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 170.621 $\pm$ 169.911 χ^2 /NDF: 8.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

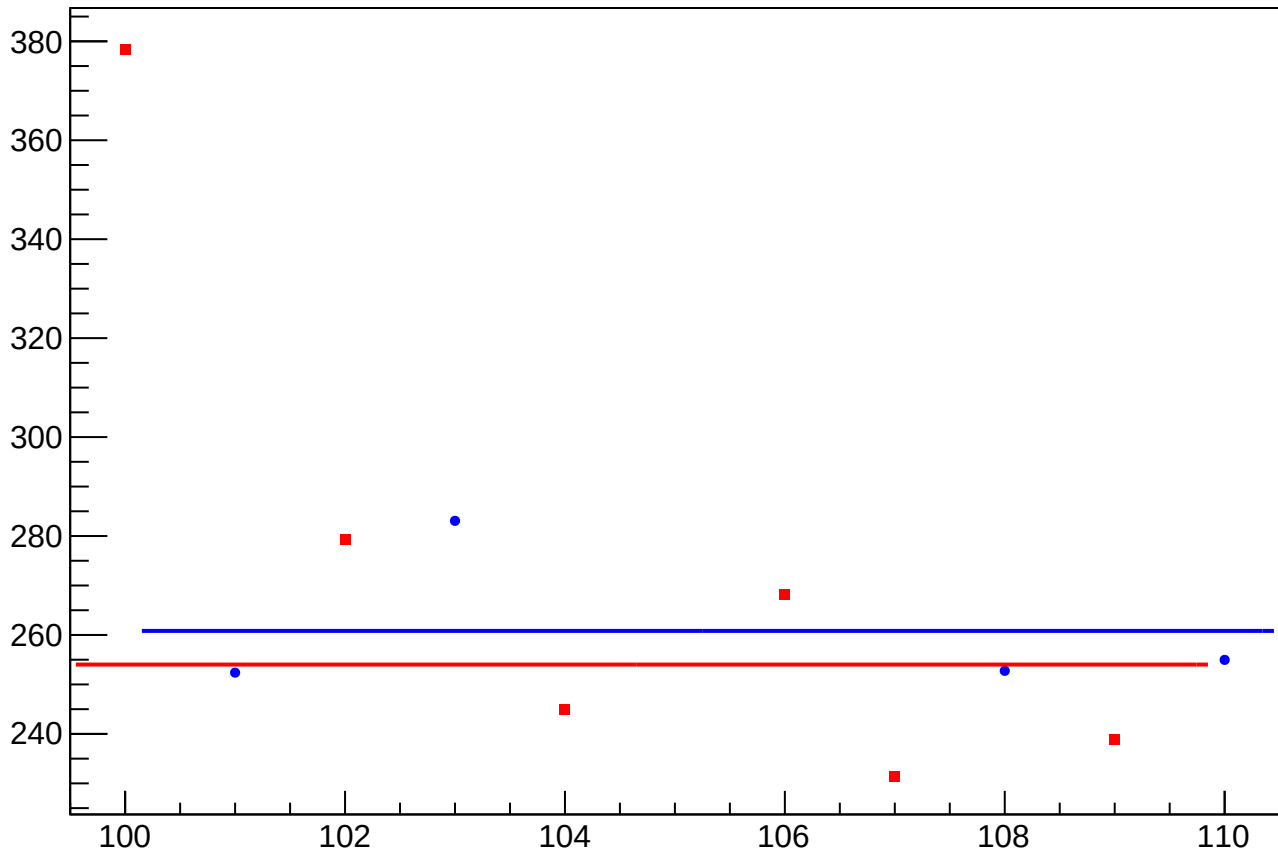
Right: 220.587 $\pm$ 124.971 χ^2 /NDF: 11.7/9

In: 279.471 $\pm$ 184.453 χ^2 /NDF:3.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 220.587 $\pm$ 124.971 χ^2 /NDF: 11.7/9

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 260.823+/-0.130 χ^2/NDF : 10078.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 254.018+/-0.120 χ^2/NDF : 37894.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

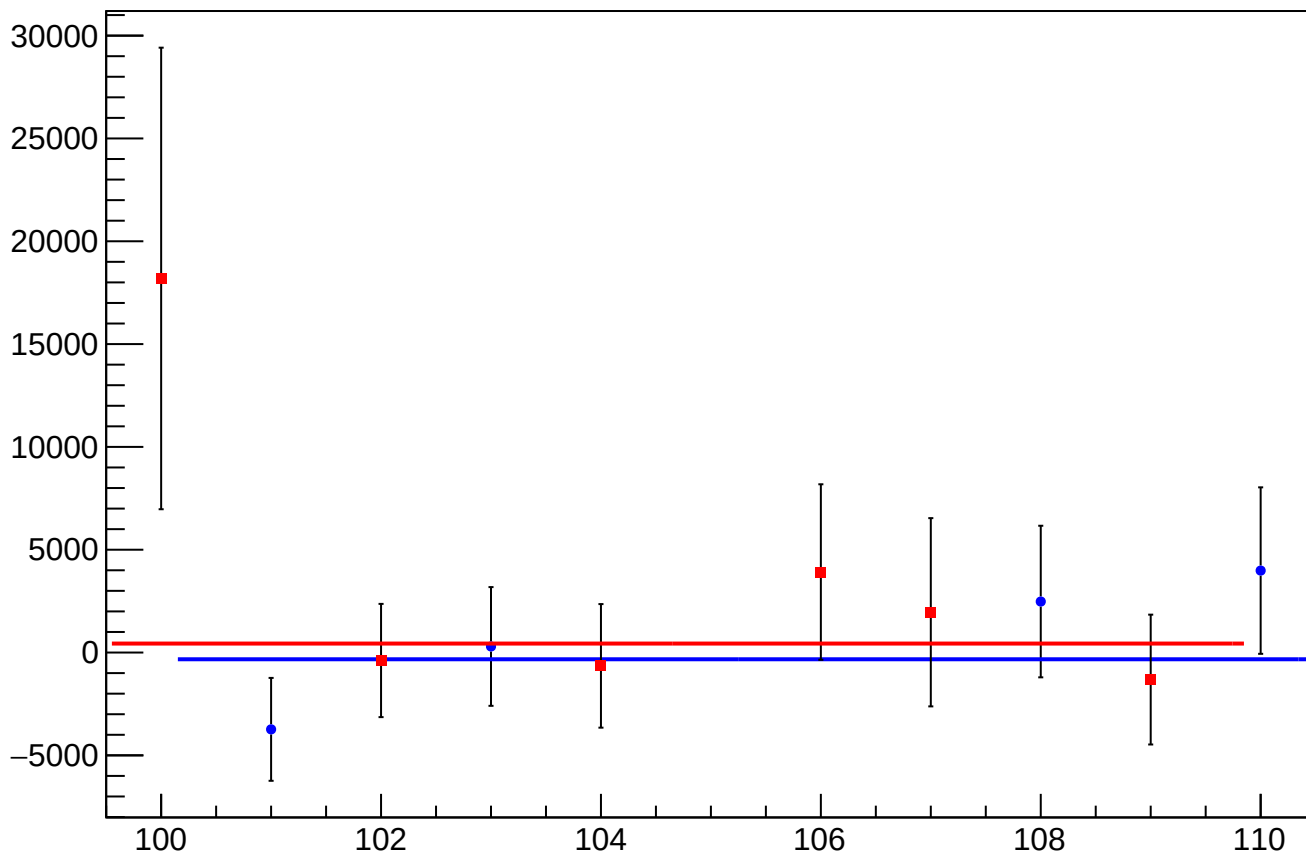
Right: 257.141+/-0.088 χ^2/NDF : 49445.4/9

In: 260.823+/-0.130 χ^2/NDF : 10078.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.141+/-0.088 χ^2/NDF : 49445.4/9

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -327.414+/-1553.476 χ^2/NDF : 3.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 436.556+/-1484.873 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

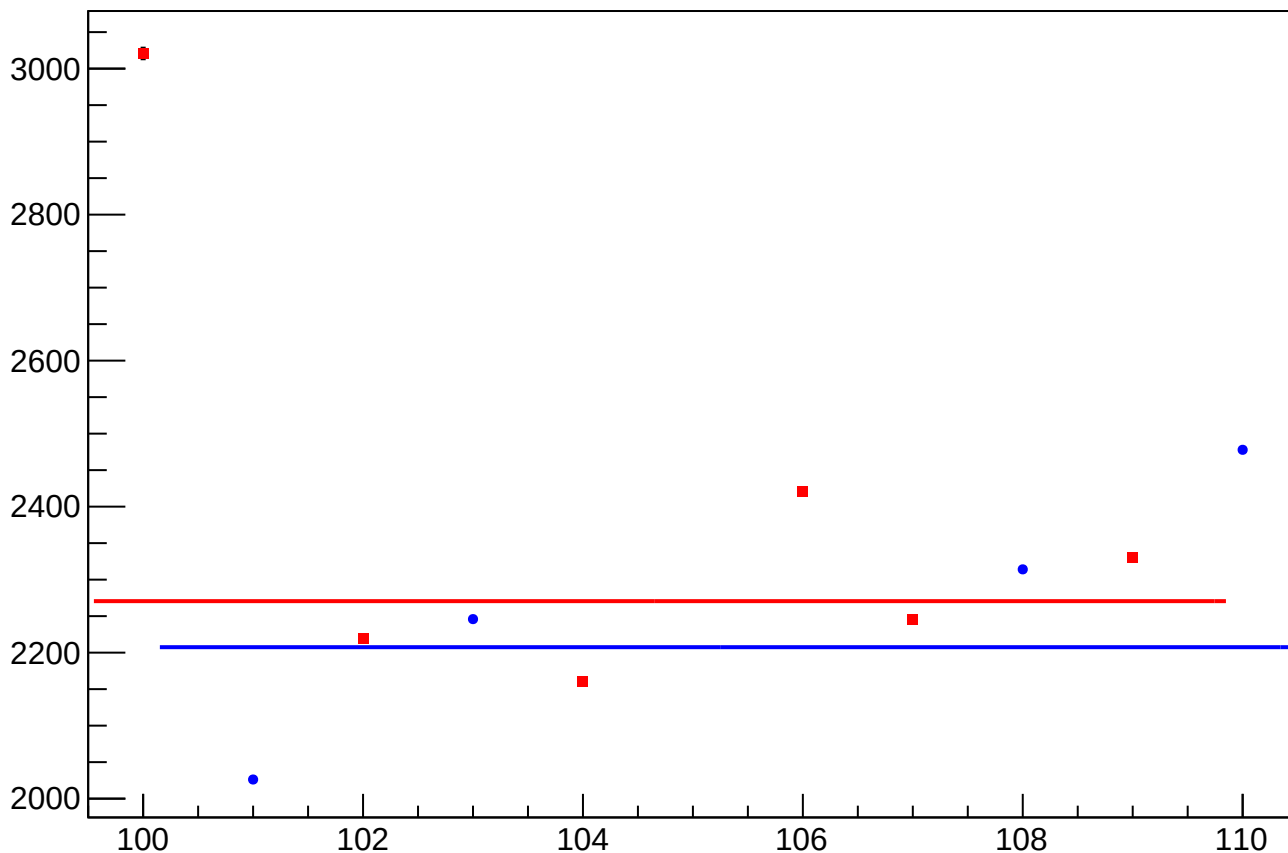
Right: 71.812+/-1073.398 χ^2/NDF : 7.5/9

In: -327.414+/-1553.476 χ^2/NDF : 3.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.812+/-1073.398 χ^2/NDF : 7.5/9

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2207.474+/-1.098 χ^2/NDF : 21450.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2270.542+/-1.050 χ^2/NDF : 15619.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

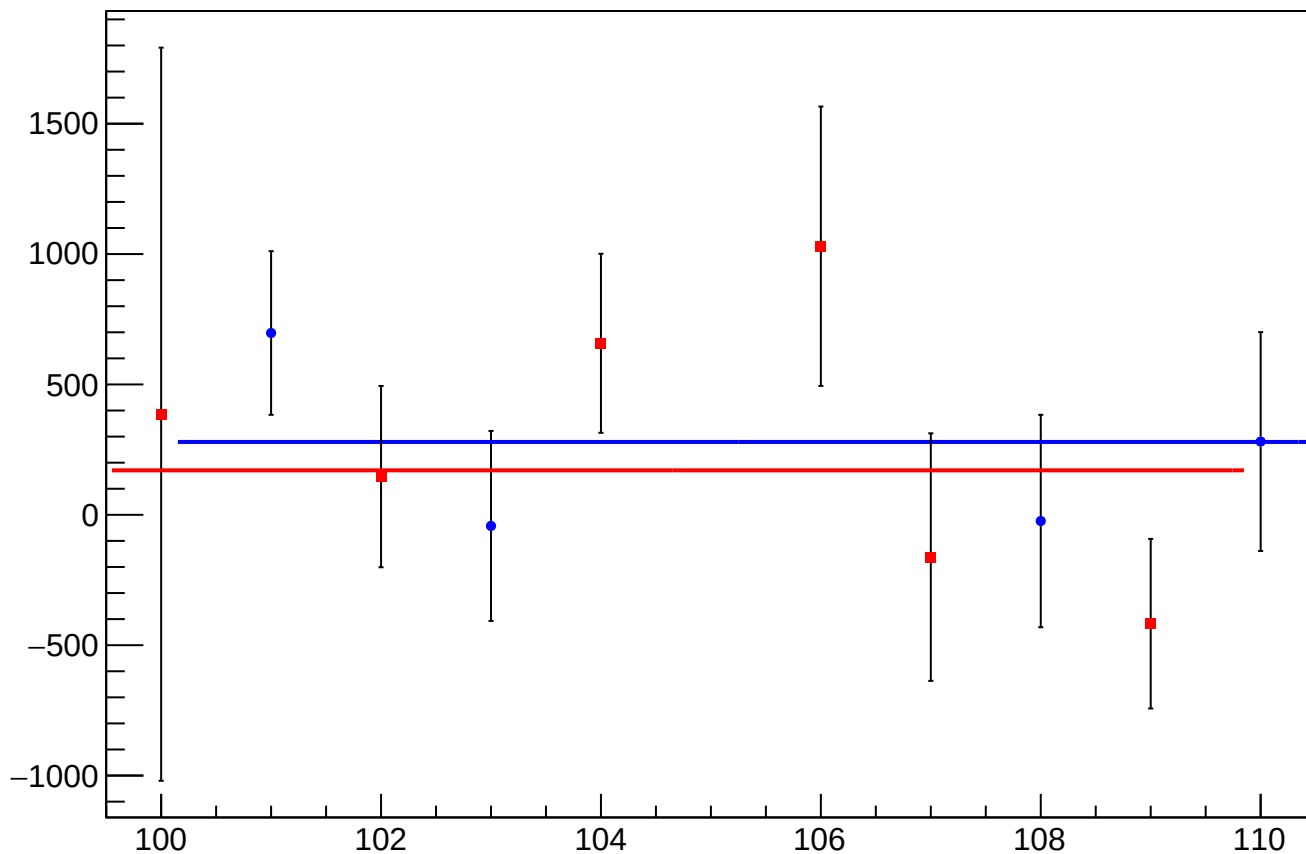
Right: 2240.432+/-0.759 χ^2/NDF : 38792.3/9

In: 2207.474+/-1.098 χ^2/NDF : 21450.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2240.432+/-0.759 χ^2/NDF : 38792.3/9

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 279.461 $\pm$ 184.452 χ^2 /NDF: 3.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 170.624 $\pm$ 169.911 χ^2 /NDF: 8.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

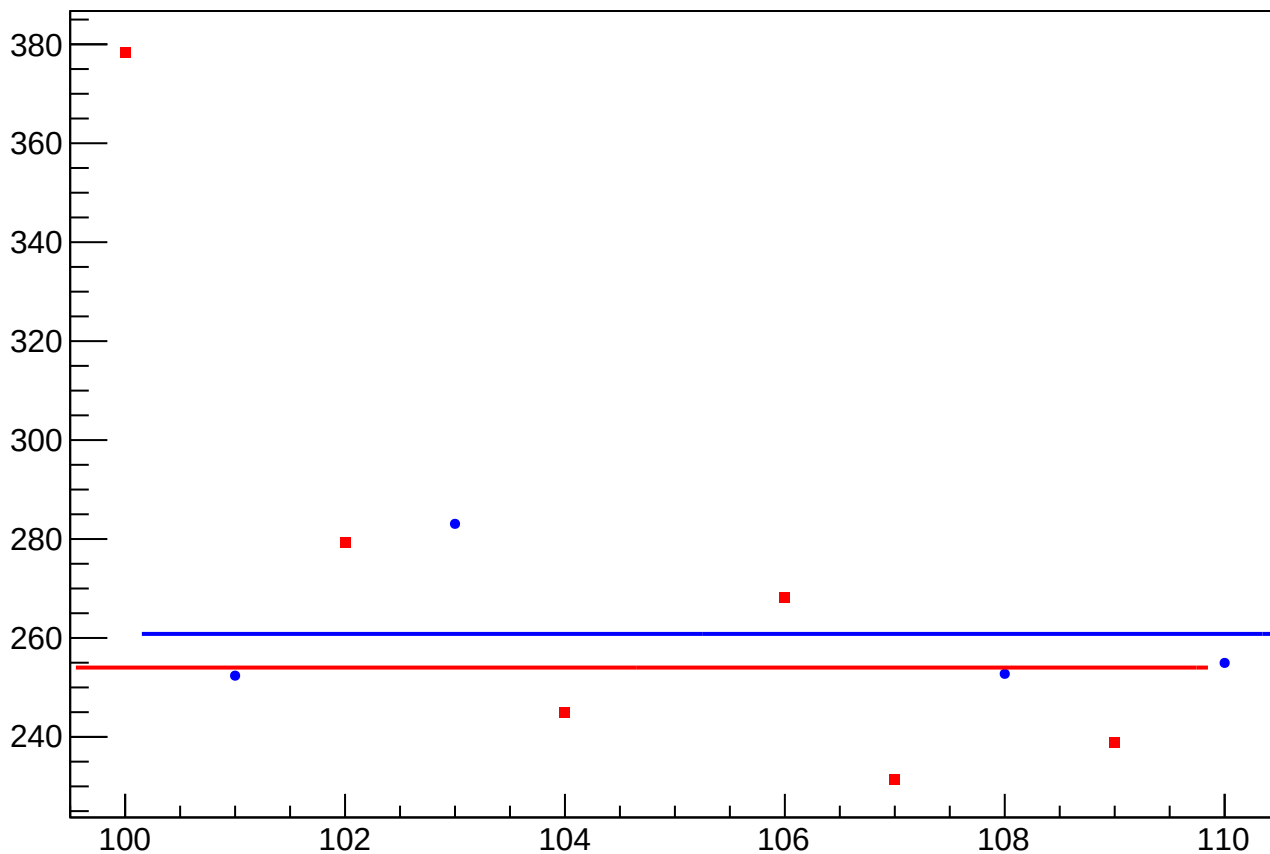
Right: 220.584 $\pm$ 124.970 χ^2 /NDF: 11.7/9

In: 279.461 $\pm$ 184.452 χ^2 /NDF:3.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 220.584 $\pm$ 124.970 χ^2 /NDF: 11.7/9

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 260.821+/-0.130 χ^2/NDF : 10077.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 254.017+/-0.120 χ^2/NDF : 37894.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

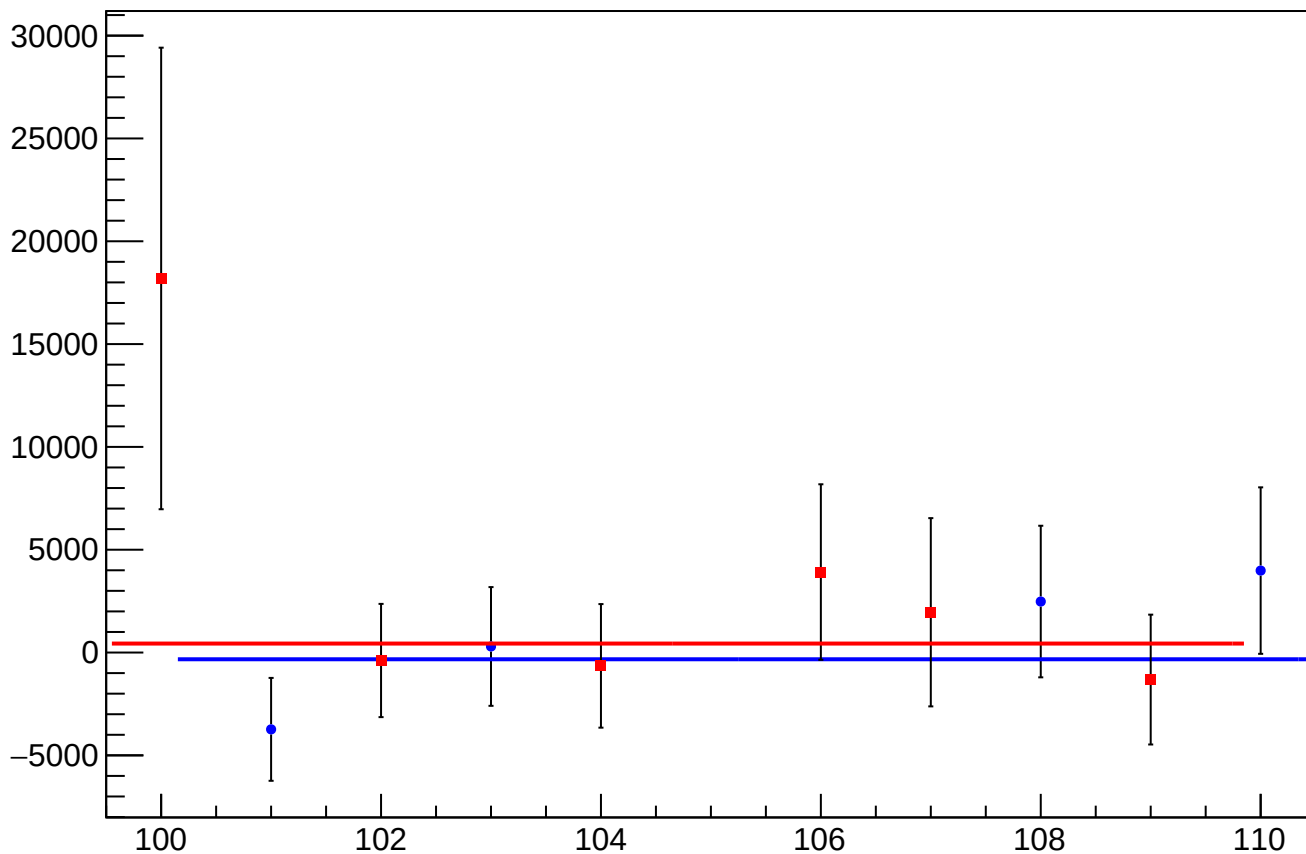
Right: 257.140+/-0.088 χ^2/NDF : 49444.0/9

In: 260.821+/-0.130 χ^2/NDF : 10077.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.140+/-0.088 χ^2/NDF : 49444.0/9

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -327.414+/-1553.473 χ^2/NDF : 3.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 436.554+/-1484.869 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

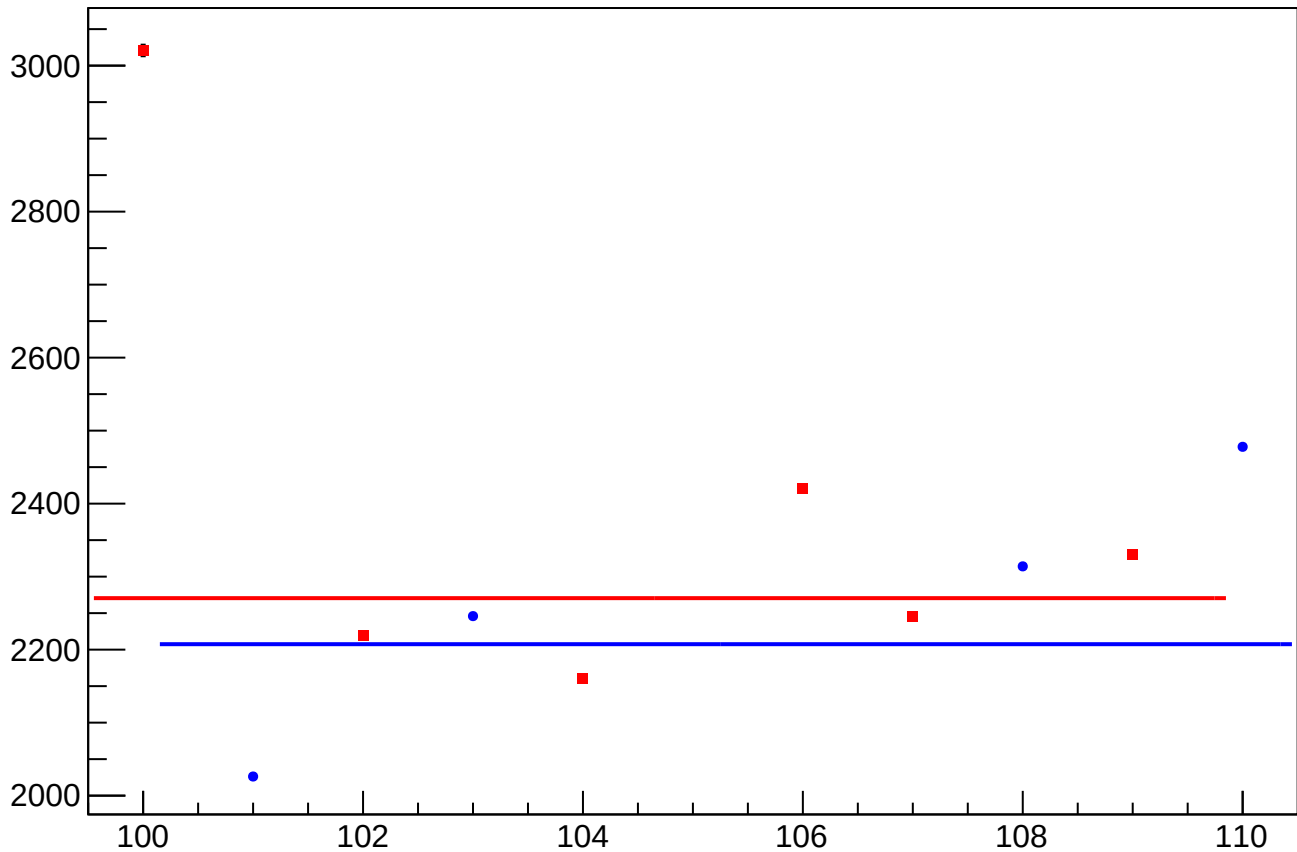
Right: 71.811+/-1073.395 χ^2/NDF : 7.5/9

In: -327.414+/-1553.473 χ^2/NDF : 3.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.811+/-1073.395 χ^2/NDF : 7.5/9

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2207.469+/-1.098 χ^2/NDF : 21449.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2270.537+/-1.050 χ^2/NDF : 15619.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

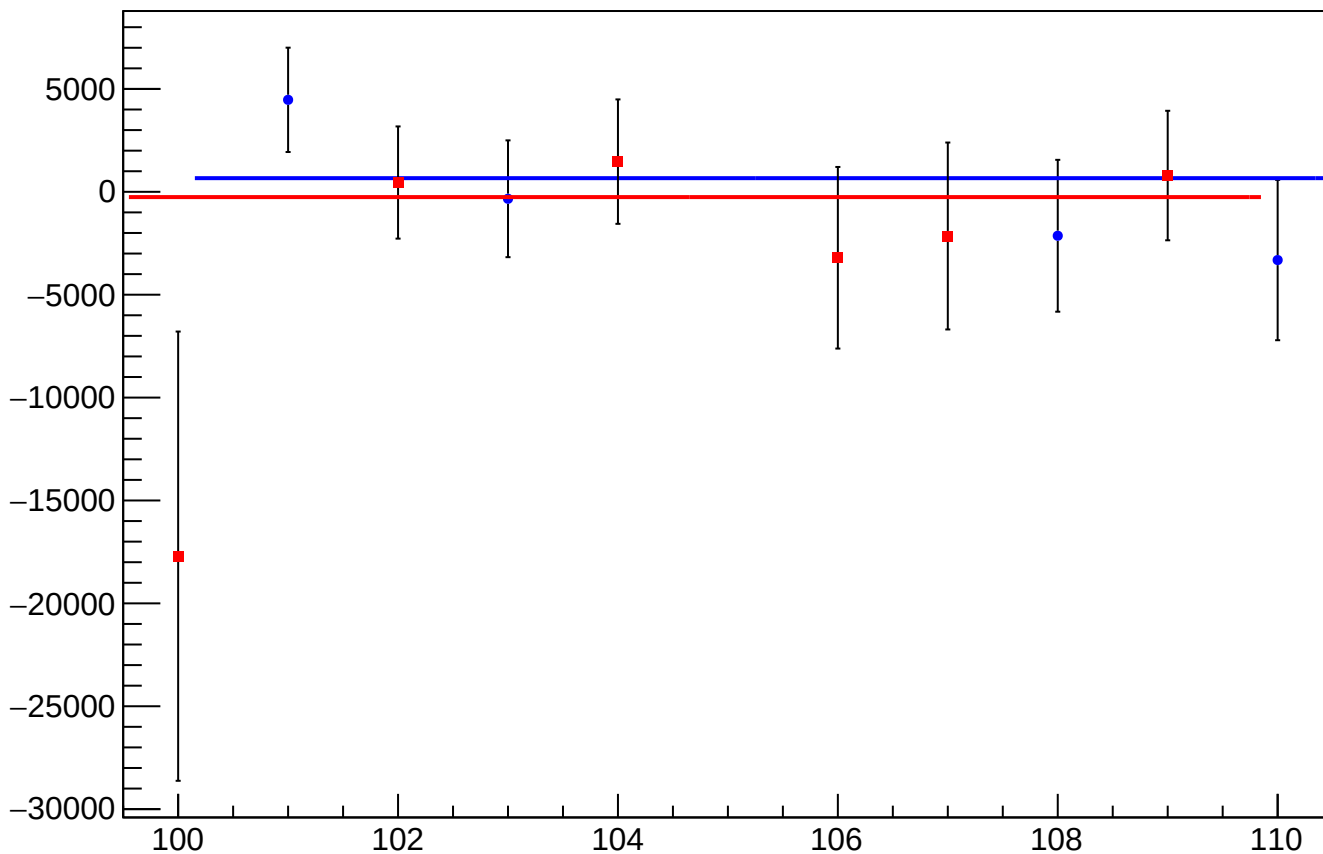
Right: 2240.426+/-0.759 χ^2/NDF : 38791.6/9

In: 2207.469+/-1.098 χ^2/NDF : 21449.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2240.426+/-0.759 χ^2/NDF : 38791.6/9

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 663.740+/-1544.771 χ^2 /NDF: 4.0/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -256.220+/-1485.468 χ^2 /NDF: 3.7/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

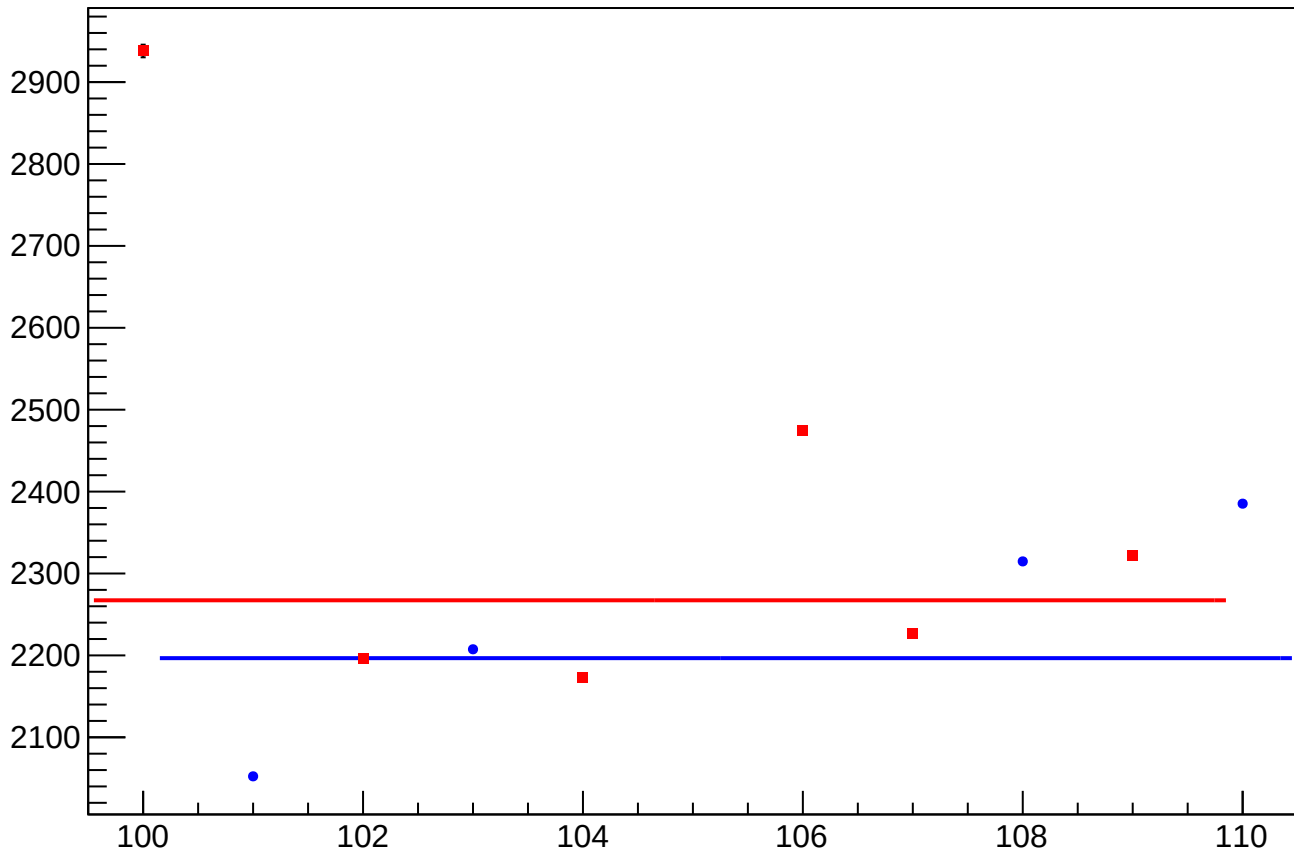
Right: 185.763+/-1070.736 χ^2 /NDF: 7.9/9

In: 663.740+/-1544.771 χ^2 /NDF:4.0/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 185.763+/-1070.736 χ^2 /NDF: 7.9/9

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 2196.639+/-1.092 χ^2/NDF : 13245.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2267.272+/-1.050 χ^2/NDF : 15988.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

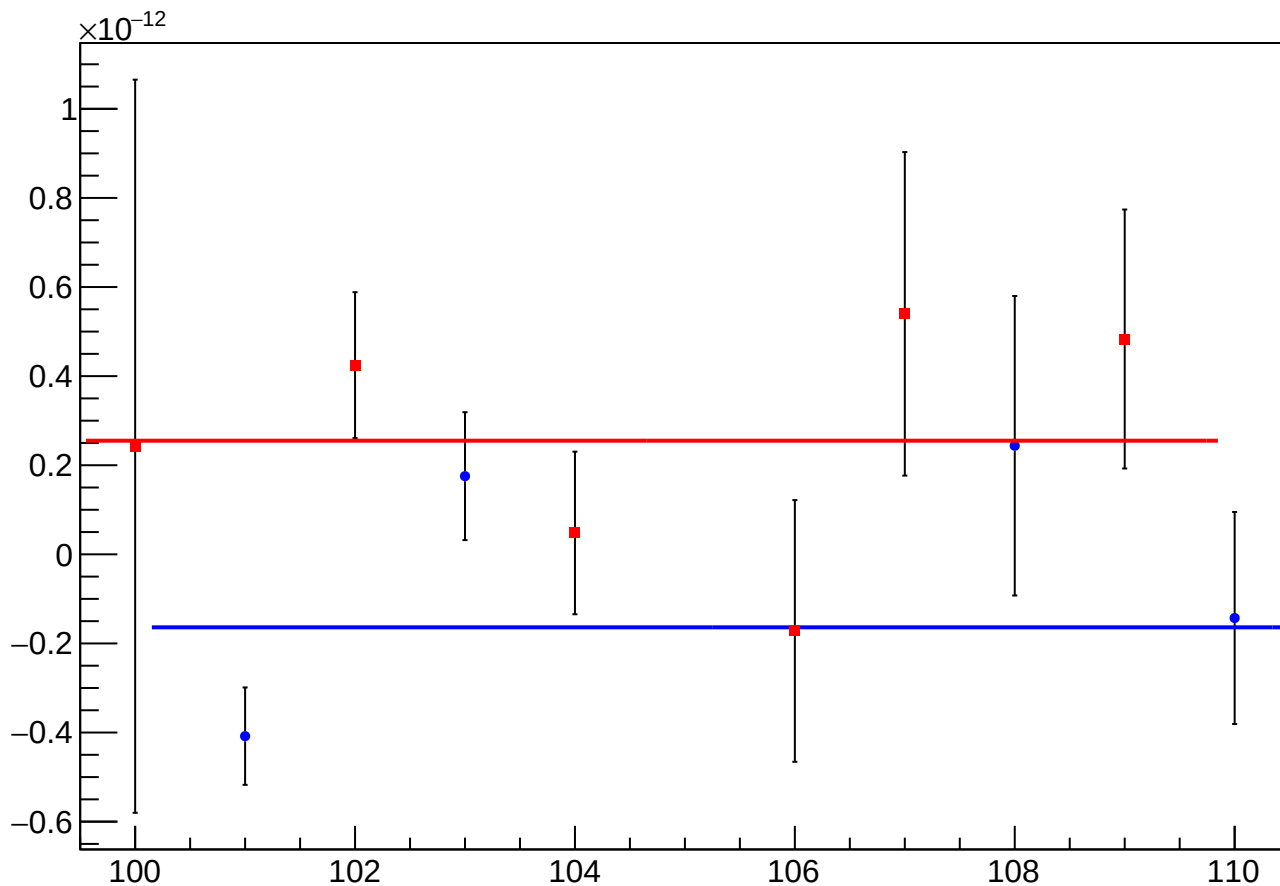
Right: 2233.337+/-0.757 χ^2/NDF : 31406.5/9

In: 2196.639+/-1.092 χ^2/NDF : 13245.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2233.337+/-0.757 χ^2/NDF : 31406.5/9

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 12.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 5.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

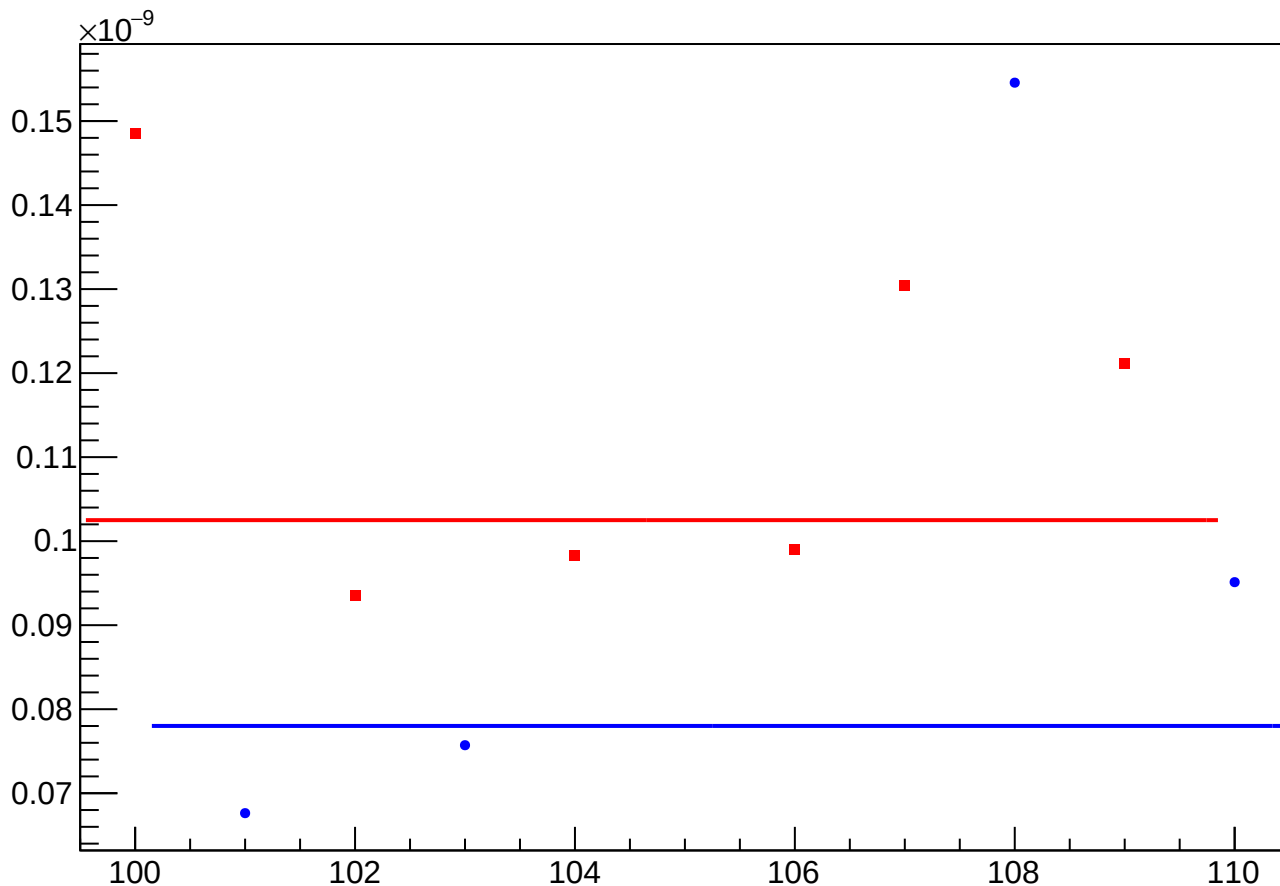
Right: -0.000 ± 0.000 χ^2/NDF : 28.5/9

In: -0.000 ± 0.000 χ^2/NDF : 12.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 28.5/9

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 132667.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 33619.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

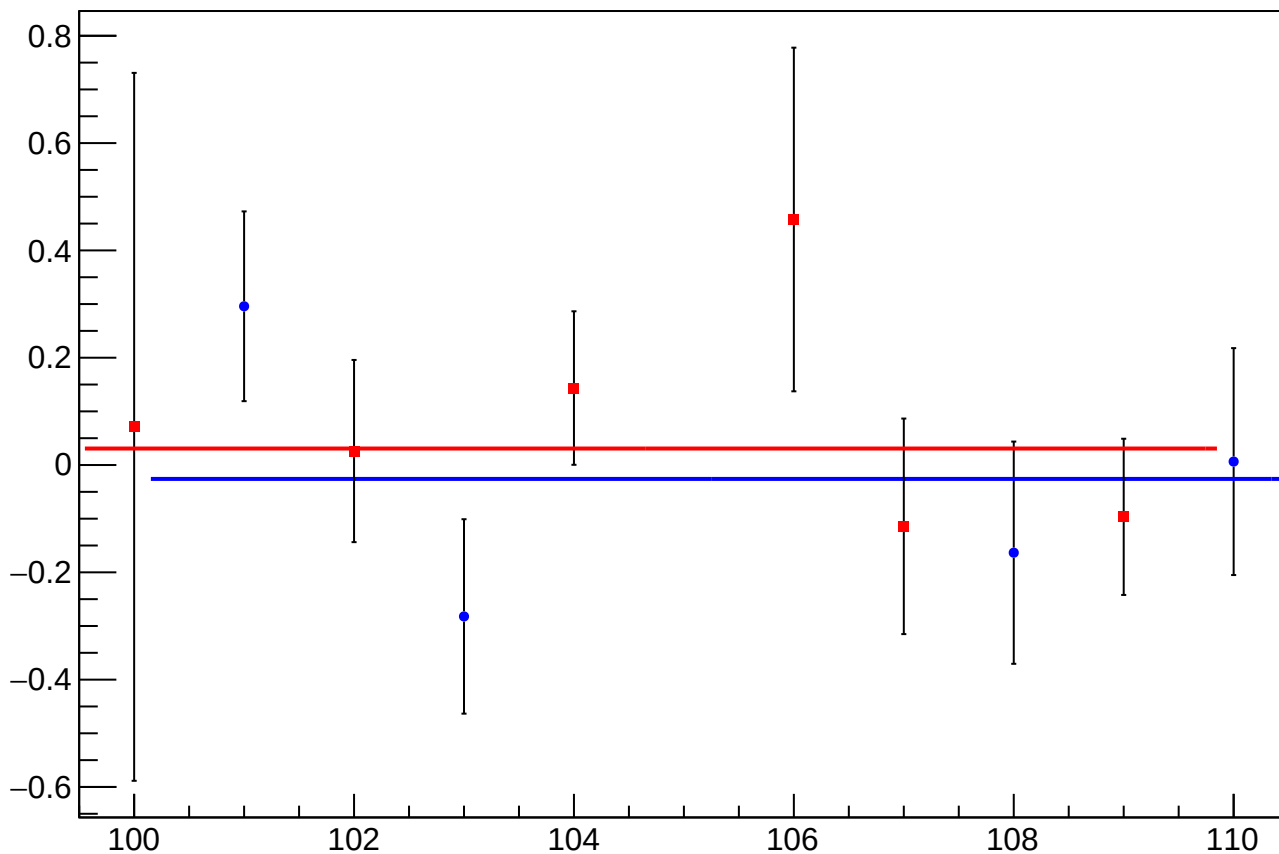
Right: 0.000+/-0.000 χ^2/NDF : 239810.0/9

In: 0.000+/-0.000 χ^2/NDF : 132667.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 239810.0/9

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.096 χ^2 /NDF: 5.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.031 $\pm$ 0.077 χ^2 /NDF: 3.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

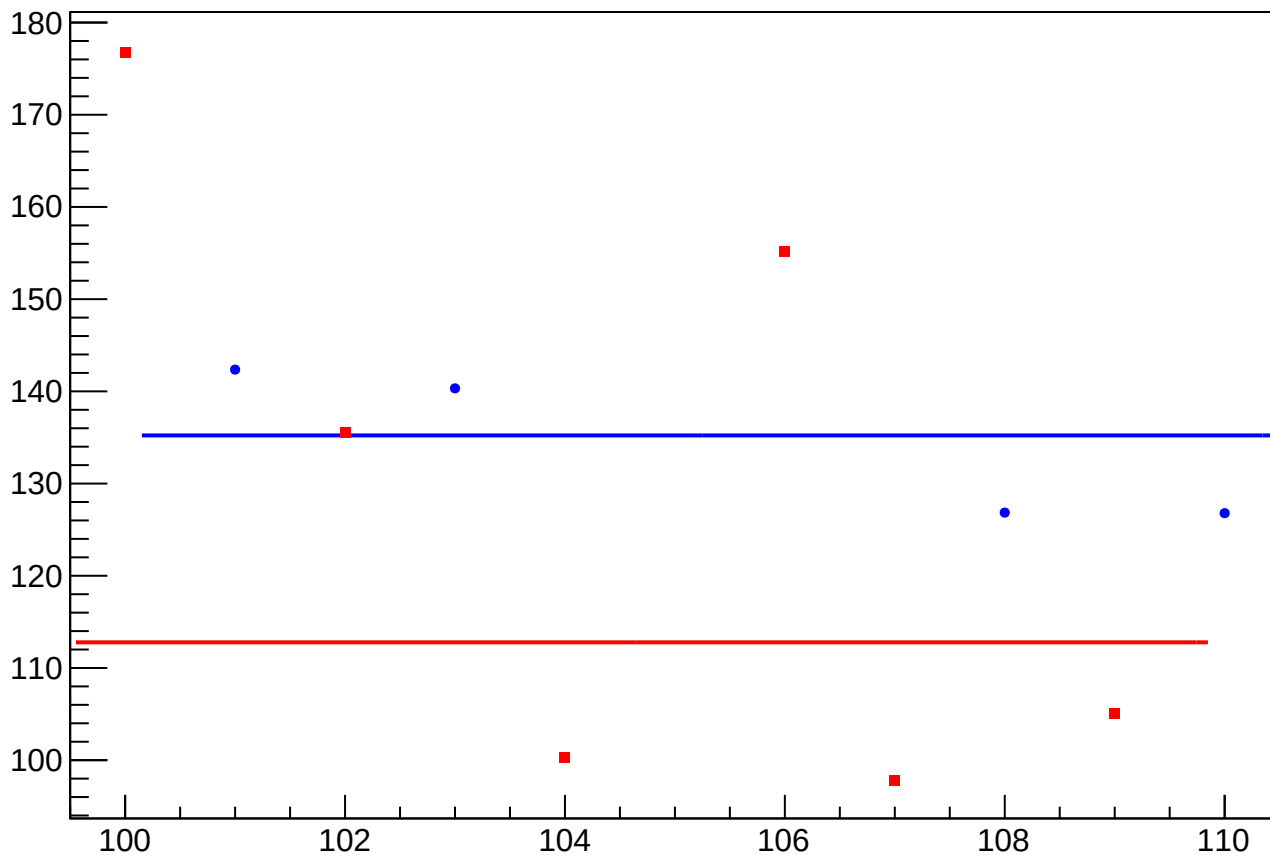
Right: 0.009 $\pm$ 0.060 χ^2 /NDF: 9.7/9

In: -0.026 $\pm$ 0.096 χ^2 /NDF:5.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.060 χ^2 /NDF: 9.7/9

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.222 $\pm$ 0.068 χ^2 /NDF: 11294.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.781 $\pm$ 0.055 χ^2 /NDF: 121893.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

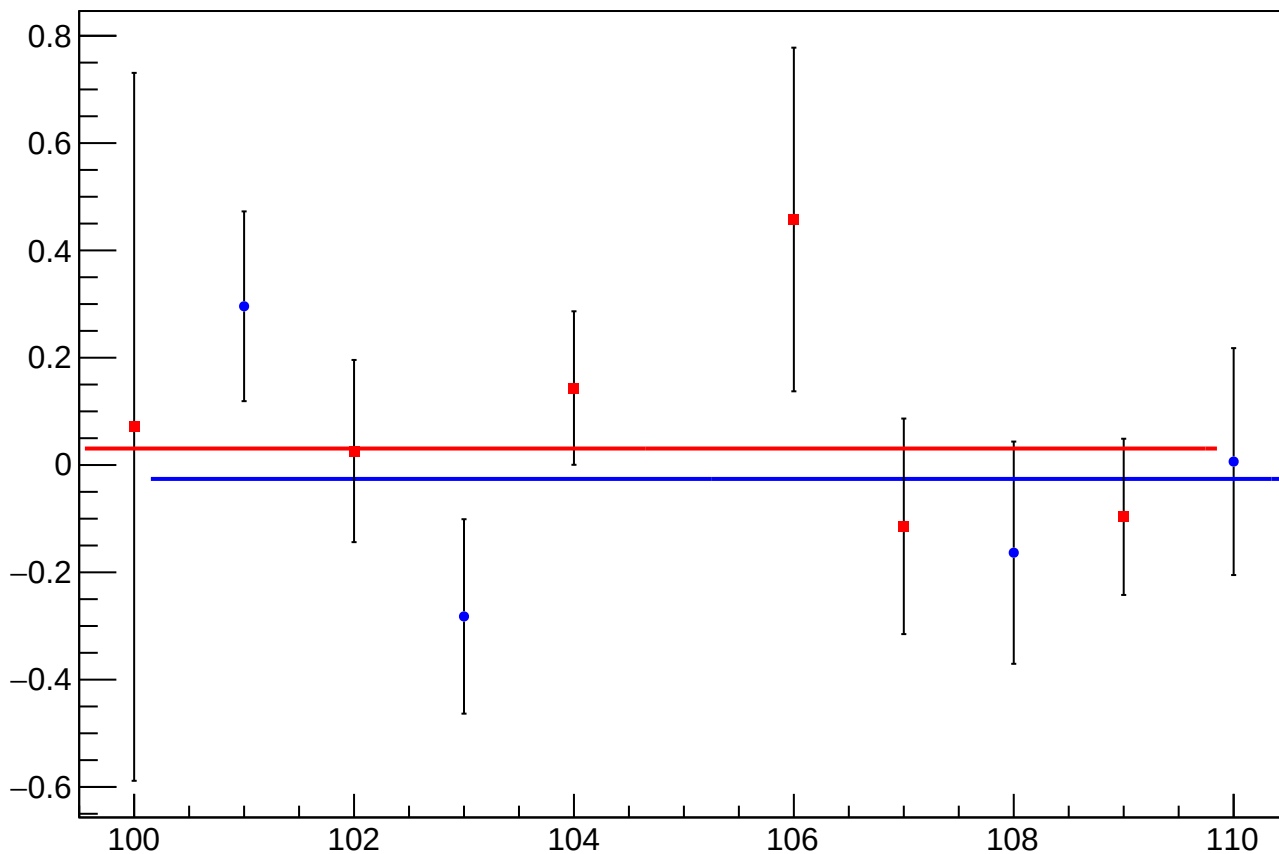
Right: 121.582 $\pm$ 0.043 χ^2 /NDF: 199376.0/9

In: 135.222 $\pm$ 0.068 χ^2 /NDF:11294.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 121.582 $\pm$ 0.043 χ^2 /NDF: 199376.0/9

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.096 χ^2 /NDF: 5.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.031 $\pm$ 0.077 χ^2 /NDF: 3.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

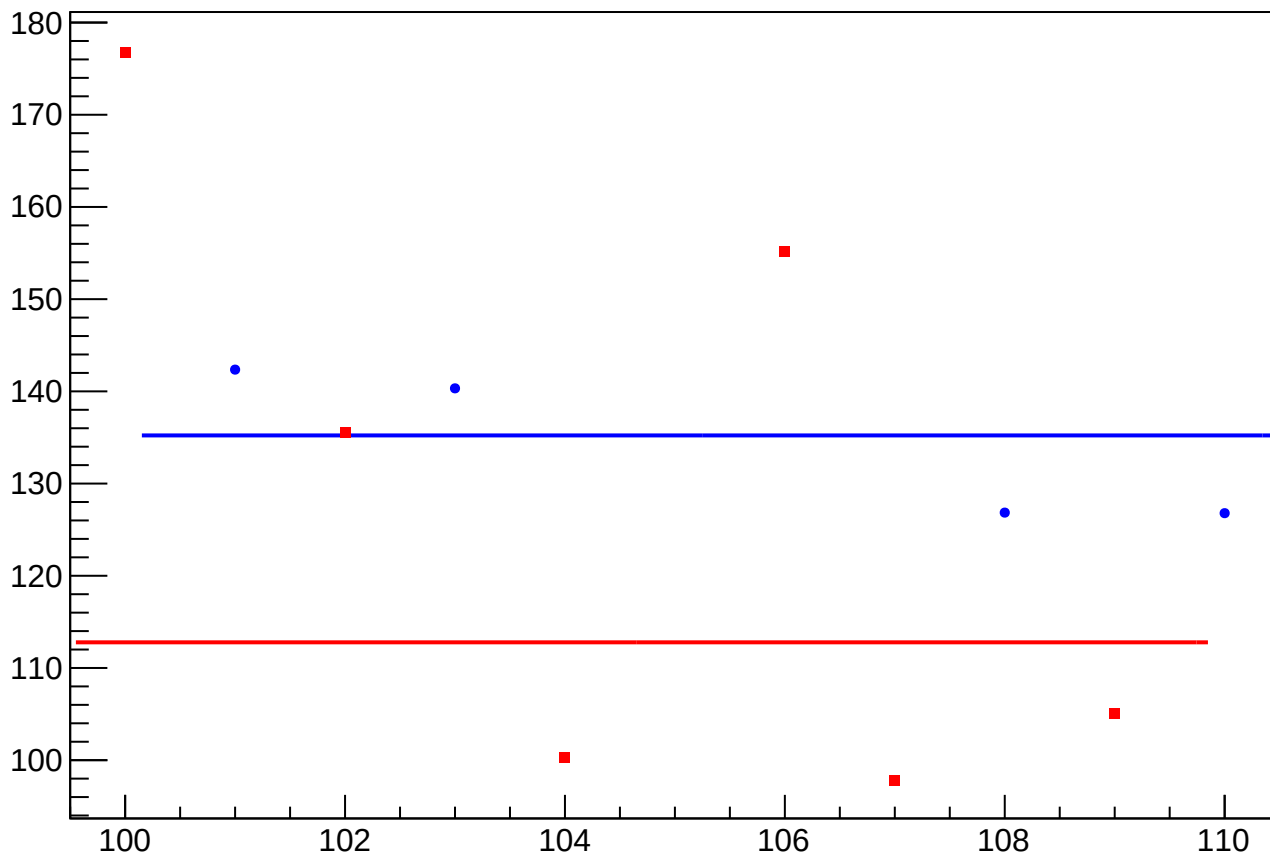
Right: 0.009 $\pm$ 0.060 χ^2 /NDF: 9.7/9

In: -0.026 $\pm$ 0.096 χ^2 /NDF:5.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.060 χ^2 /NDF: 9.7/9

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.222+/-0.068 χ^2/NDF : 11294.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.781+/-0.055 χ^2/NDF : 121893.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

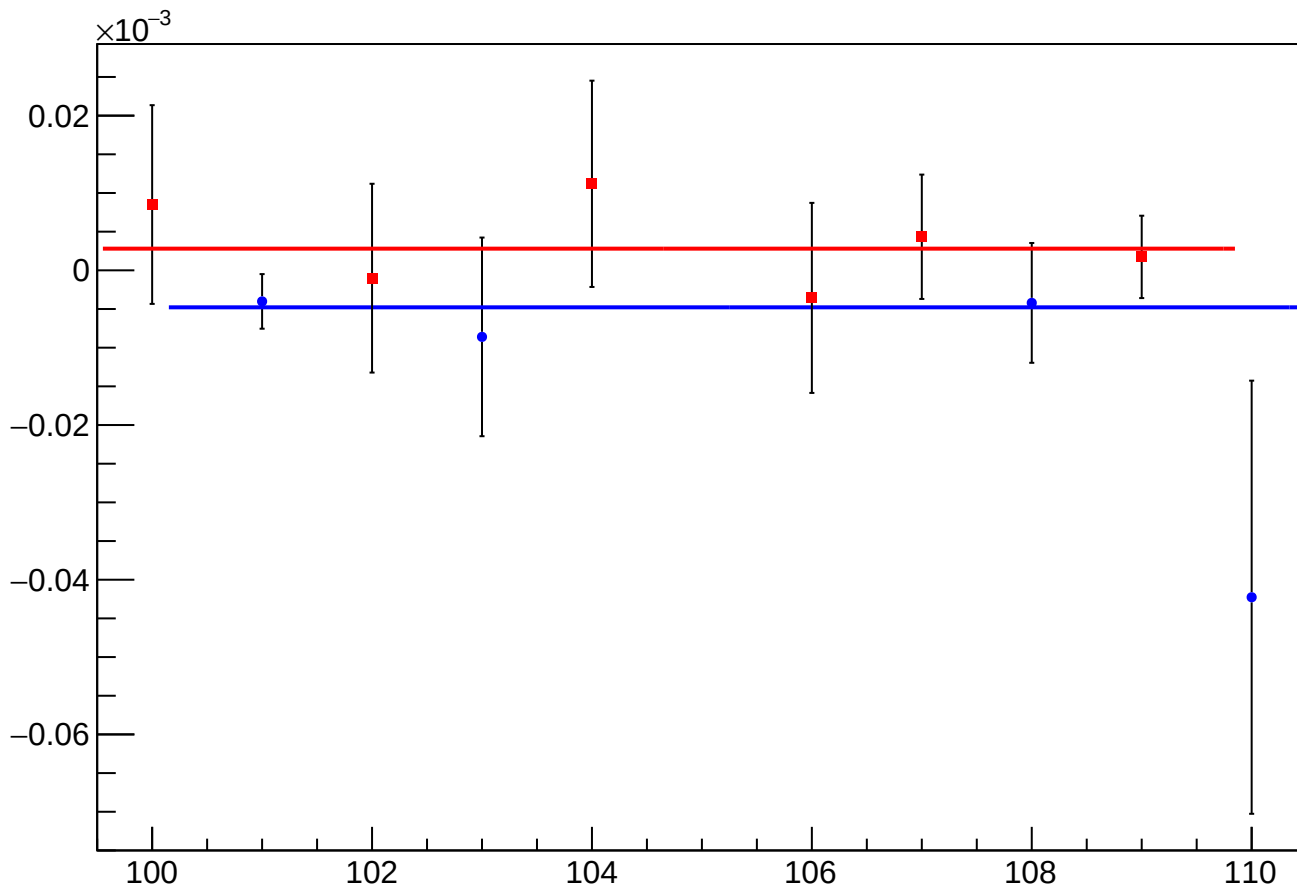
Right: 121.582+/-0.043 χ^2/NDF : 199376.0/9

In: 135.222+/-0.068 χ^2/NDF : 11294.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.582+/-0.043 χ^2/NDF : 199376.0/9

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

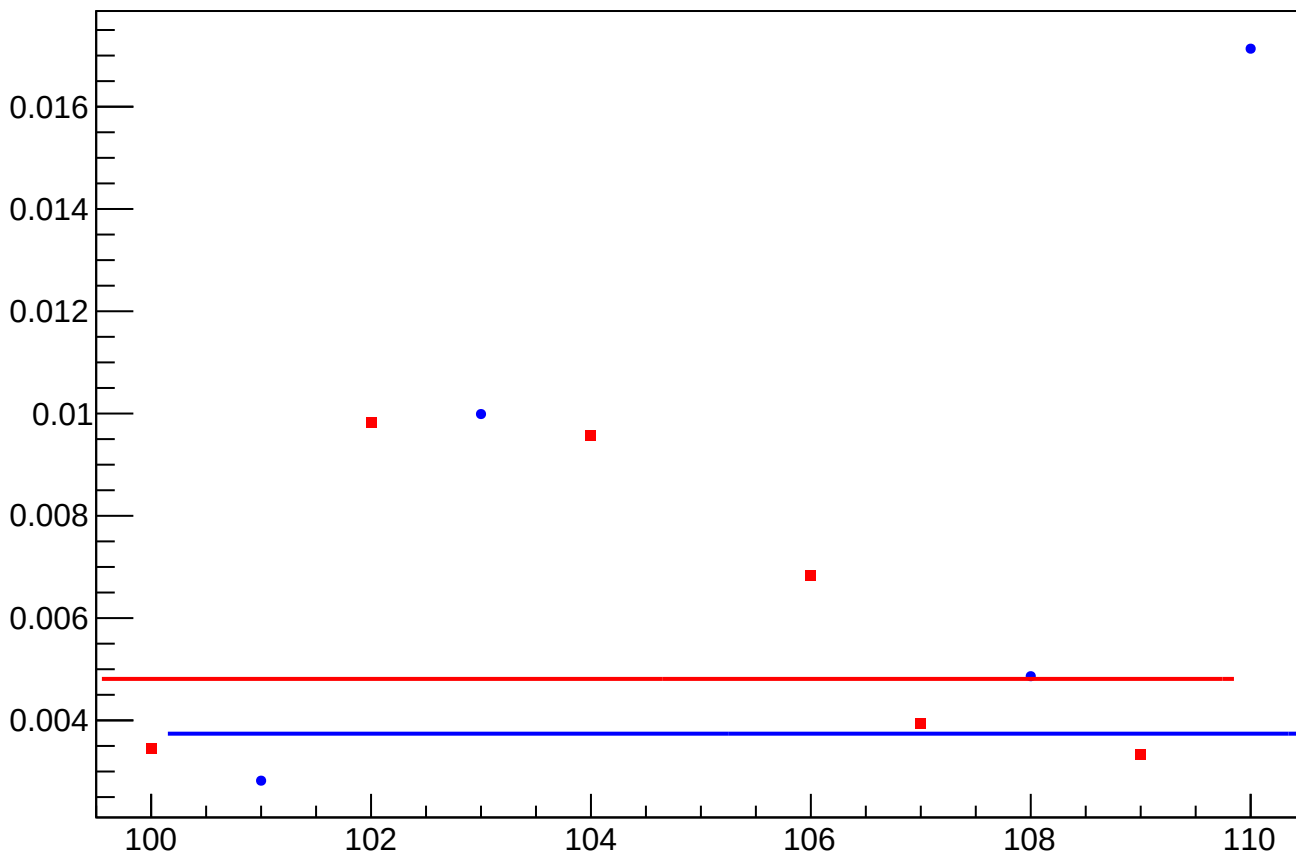
Right: -0.000+/-0.000 χ^2/NDF : 5.5/9

In: -0.000+/-0.000 χ^2/NDF : 1.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.5/9

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1109145.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 846847.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

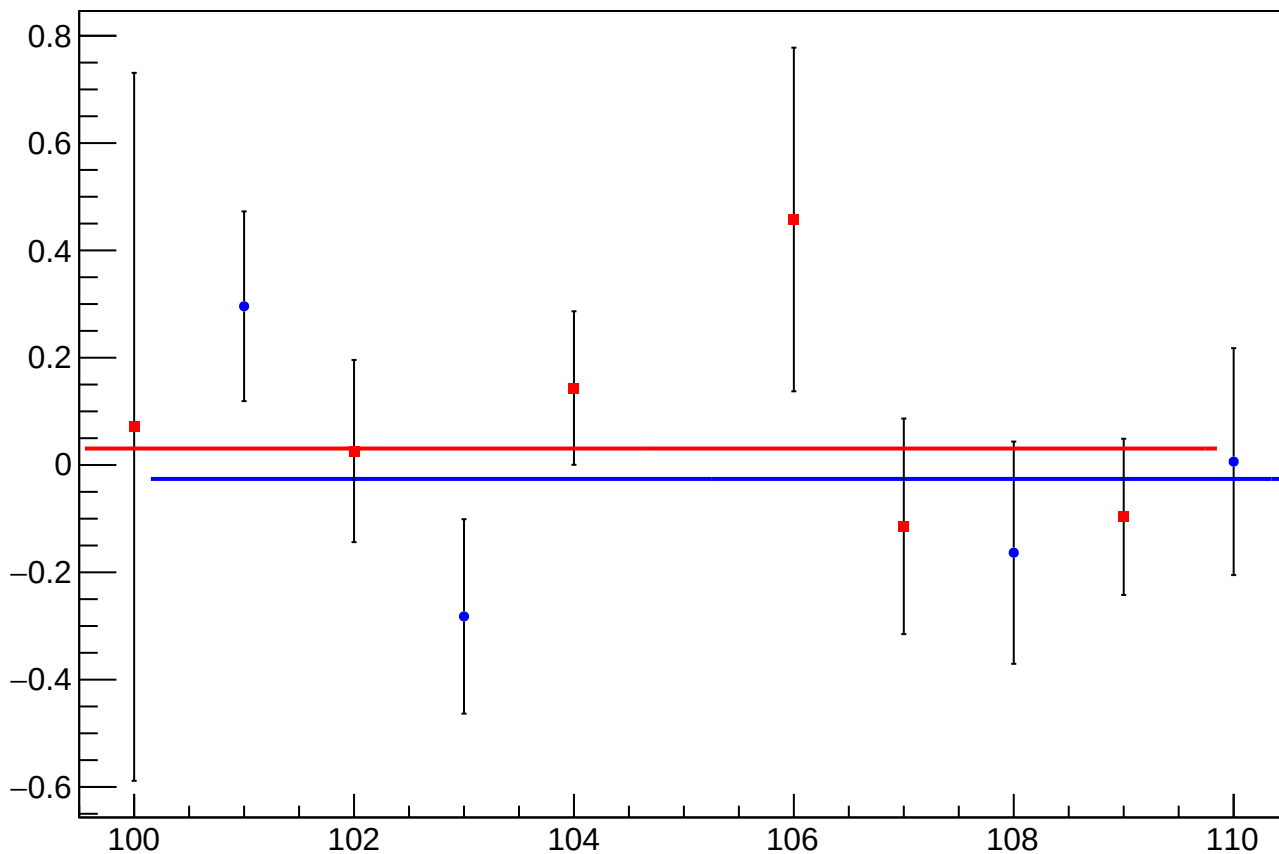
Right: 0.004+/-0.000 χ^2/NDF : 2056652.1/9

In: 0.004+/-0.000 χ^2/NDF : 1109145.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2056652.1/9

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.096 χ^2 /NDF: 5.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.031 $\pm$ 0.077 χ^2 /NDF: 3.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

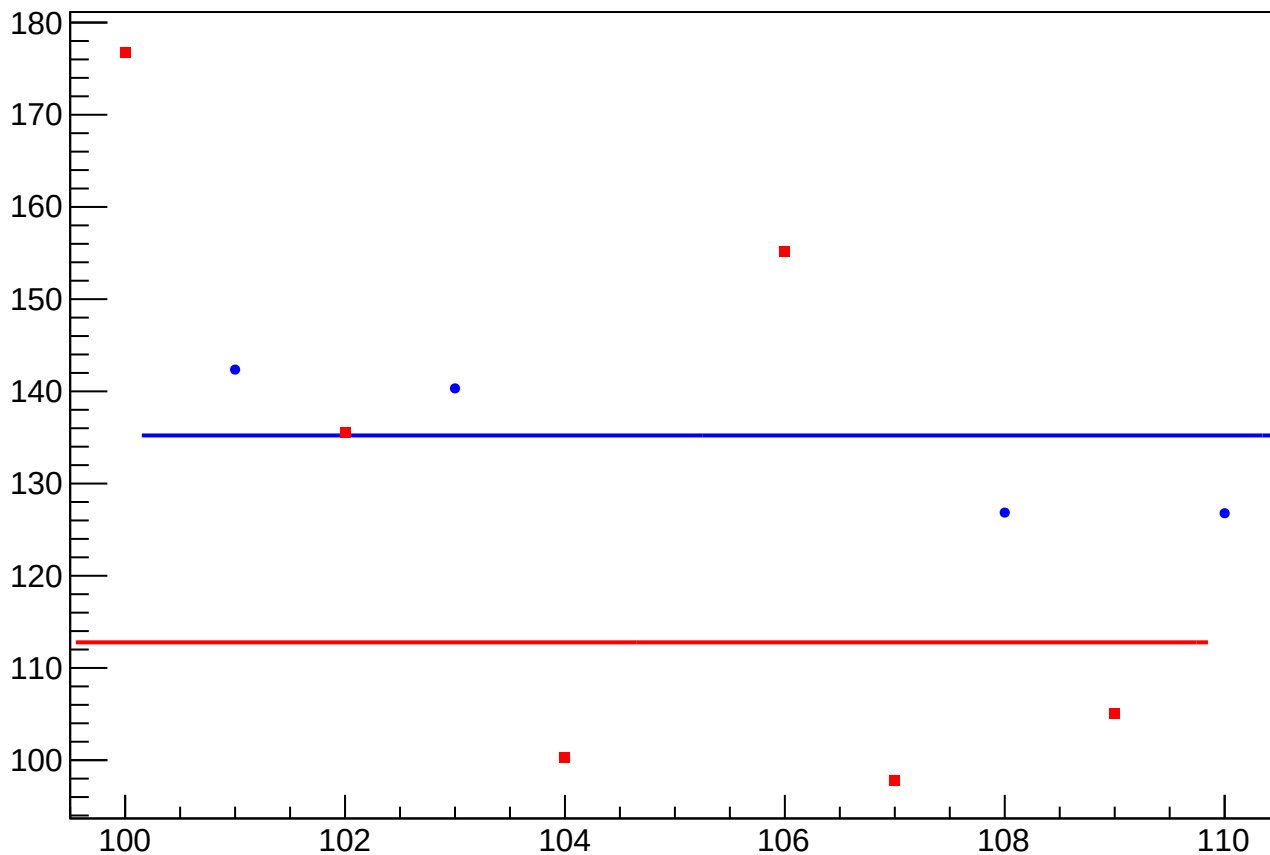
Right: 0.009 $\pm$ 0.060 χ^2 /NDF: 9.7/9

In: -0.026 $\pm$ 0.096 χ^2 /NDF:5.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.060 χ^2 /NDF: 9.7/9

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.219+/-0.068 χ^2/NDF : 11300.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.780+/-0.055 χ^2/NDF : 121890.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

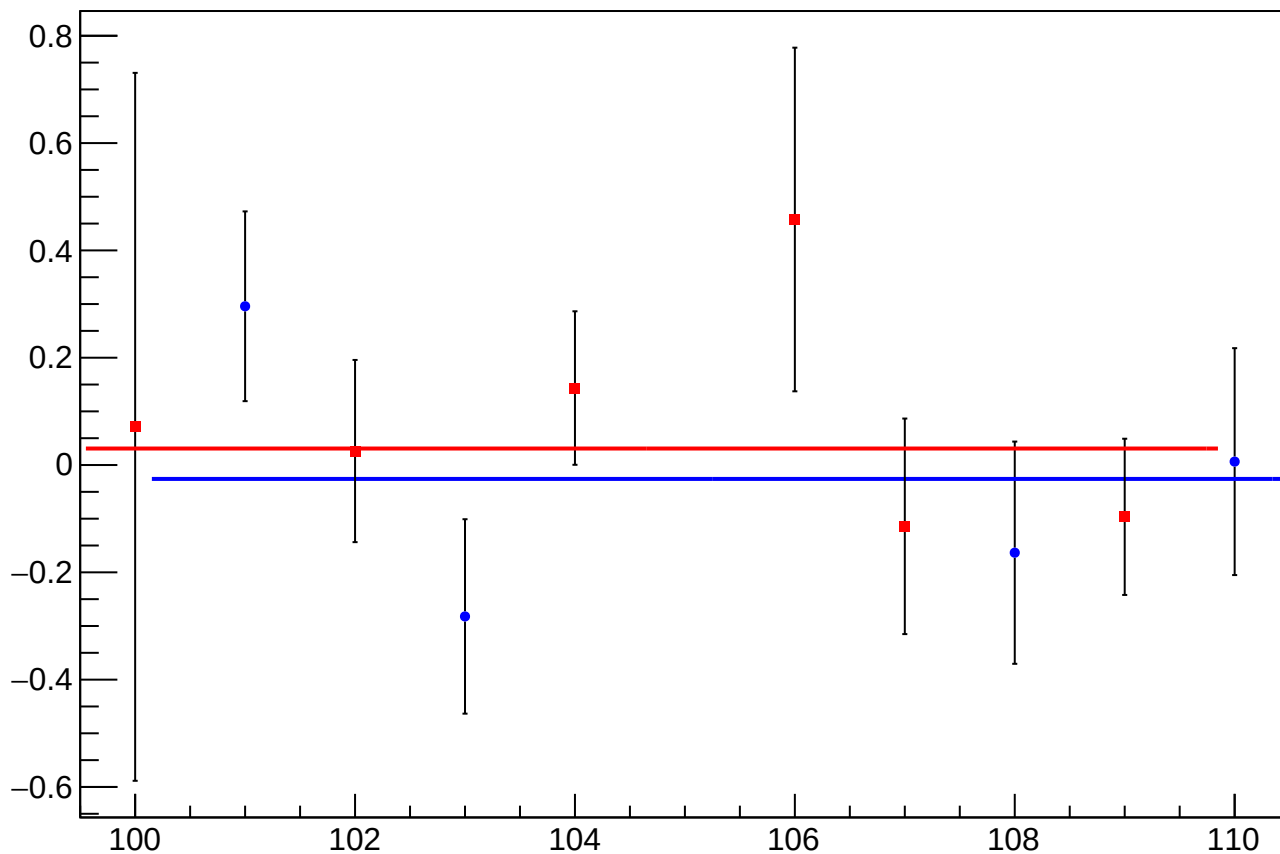
Right: 121.580+/-0.043 χ^2/NDF : 199371.5/9

In: 135.219+/-0.068 χ^2/NDF : 11300.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.580+/-0.043 χ^2/NDF : 199371.5/9

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.096 χ^2 /NDF: 5.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.031 $\pm$ 0.077 χ^2 /NDF: 3.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

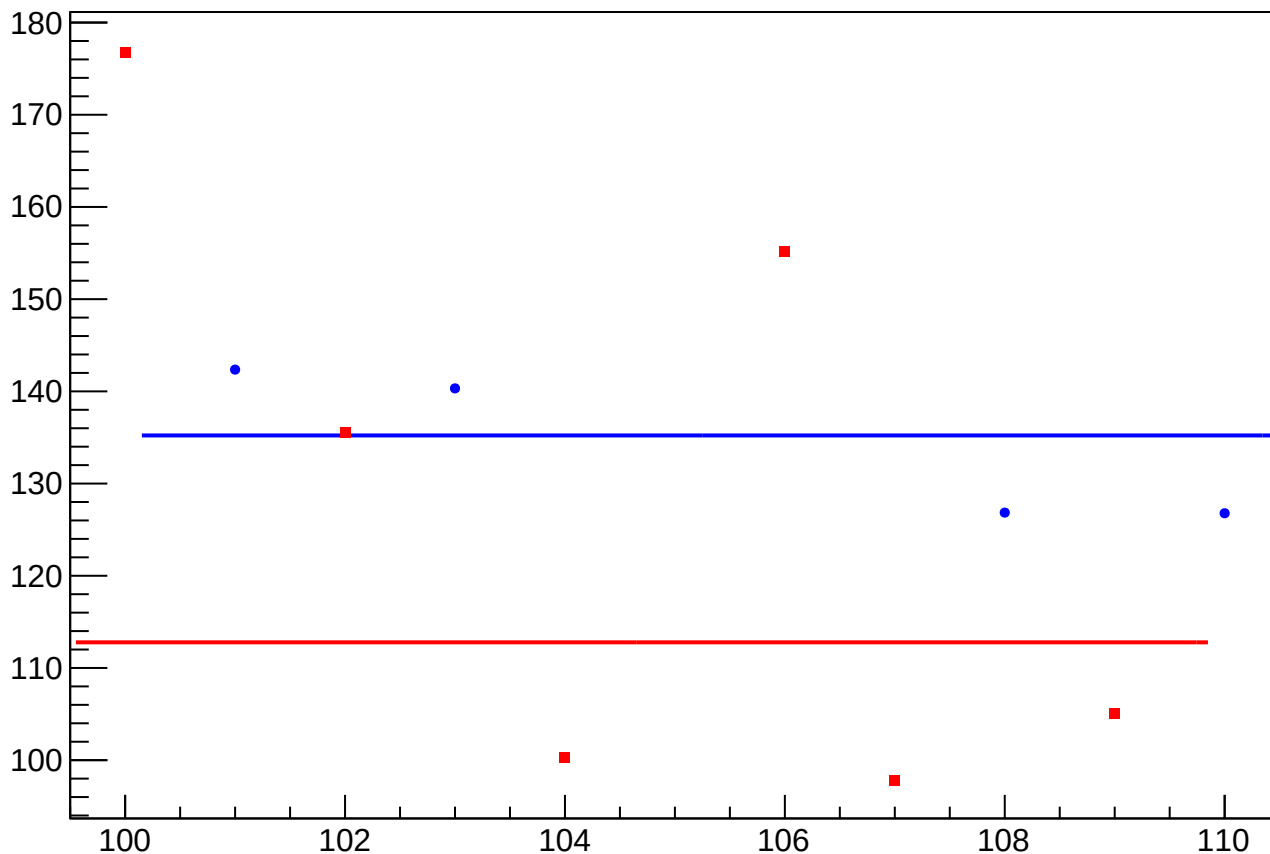
Right: 0.009 $\pm$ 0.060 χ^2 /NDF: 9.7/9

In: -0.026 $\pm$ 0.096 χ^2 /NDF:5.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.060 χ^2 /NDF: 9.7/9

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.219+/-0.068 χ^2/NDF : 11300.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.780+/-0.055 χ^2/NDF : 121890.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

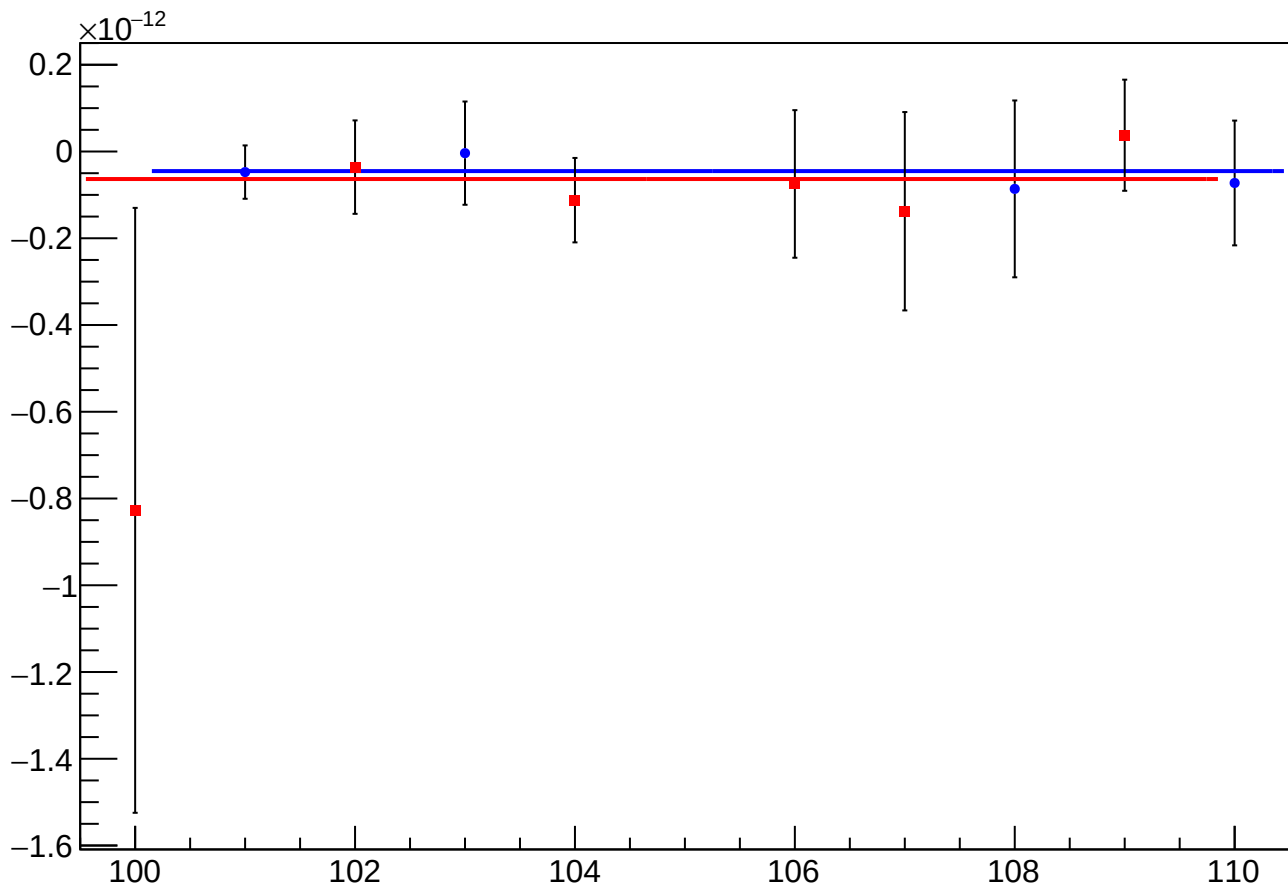
Right: 121.580+/-0.043 χ^2/NDF : 199371.5/9

In: 135.219+/-0.068 χ^2/NDF : 11300.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.580+/-0.043 χ^2/NDF : 199371.5/9

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

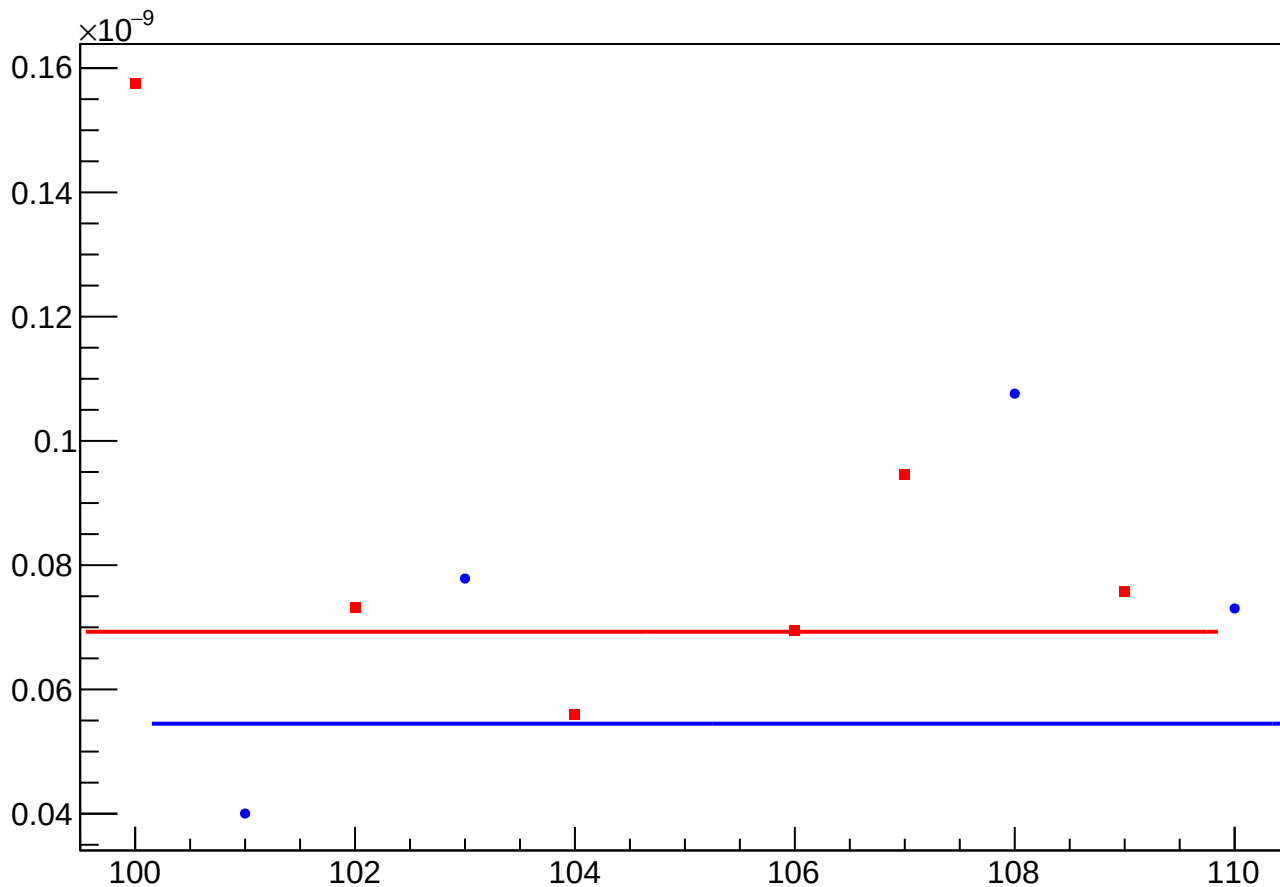
Right: -0.000+/-0.000 χ^2/NDF : 2.5/9

In: -0.000+/-0.000 χ^2/NDF : 0.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.5/9

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 356615.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 101685.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

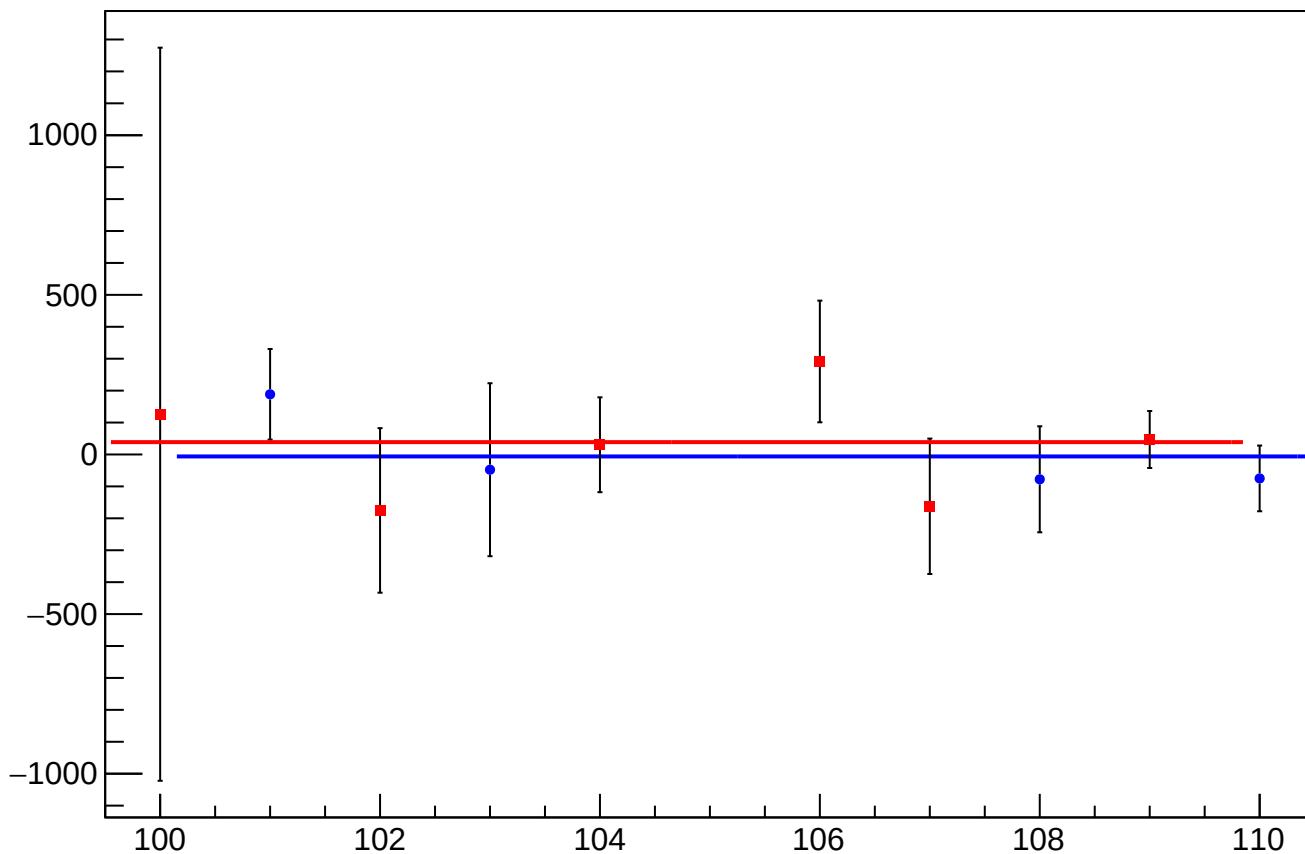
Right: 0.000+/-0.000 χ^2/NDF : 535140.2/9

In: 0.000+/-0.000 χ^2/NDF : 356615.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 535140.2/9

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -6.154+/-71.808 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.657+/-65.037 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

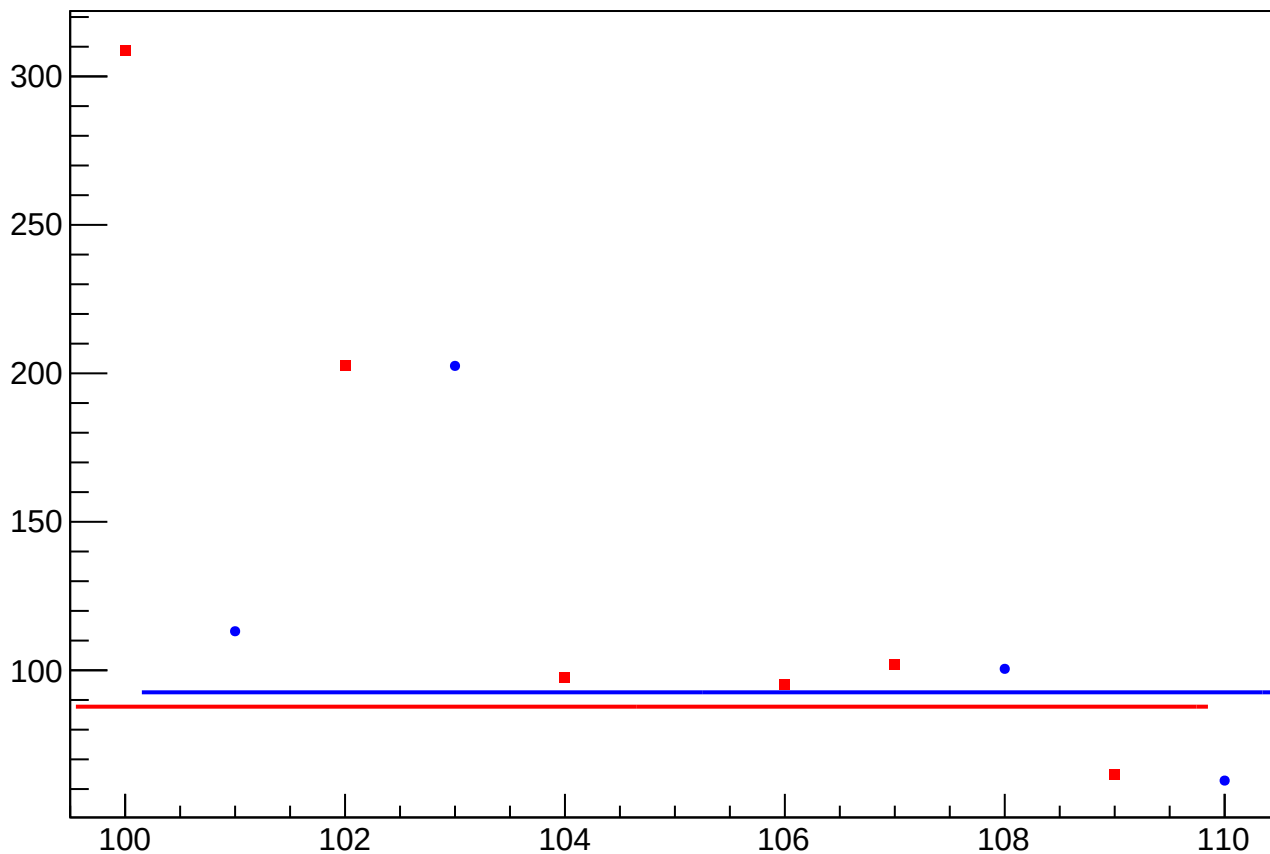
Right: 18.463+/-48.205 χ^2/NDF : 6.1/9

In: -6.154+/-71.808 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.463+/-48.205 χ^2/NDF : 6.1/9

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 92.577+/-0.051 χ^2/NDF : 542667.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.744+/-0.046 χ^2/NDF : 622477.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

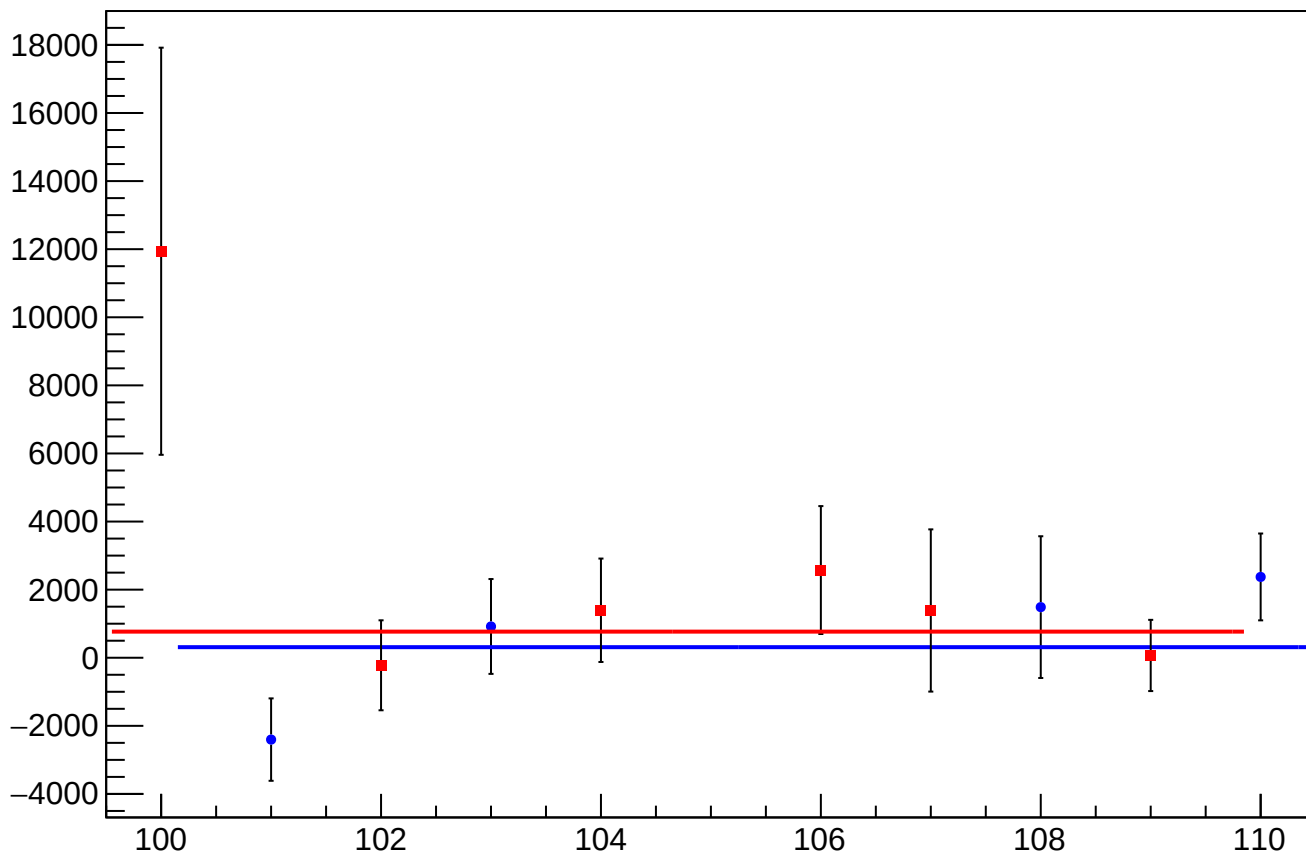
Right: 89.922+/-0.034 χ^2/NDF : 1170123.0/9

In: 92.577+/-0.051 χ^2/NDF : 542667.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.922+/-0.034 χ^2/NDF : 1170123.0/9

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 310.663+/-699.477 χ^2/NDF : 8.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 767.201+/-644.386 χ^2/NDF : 5.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

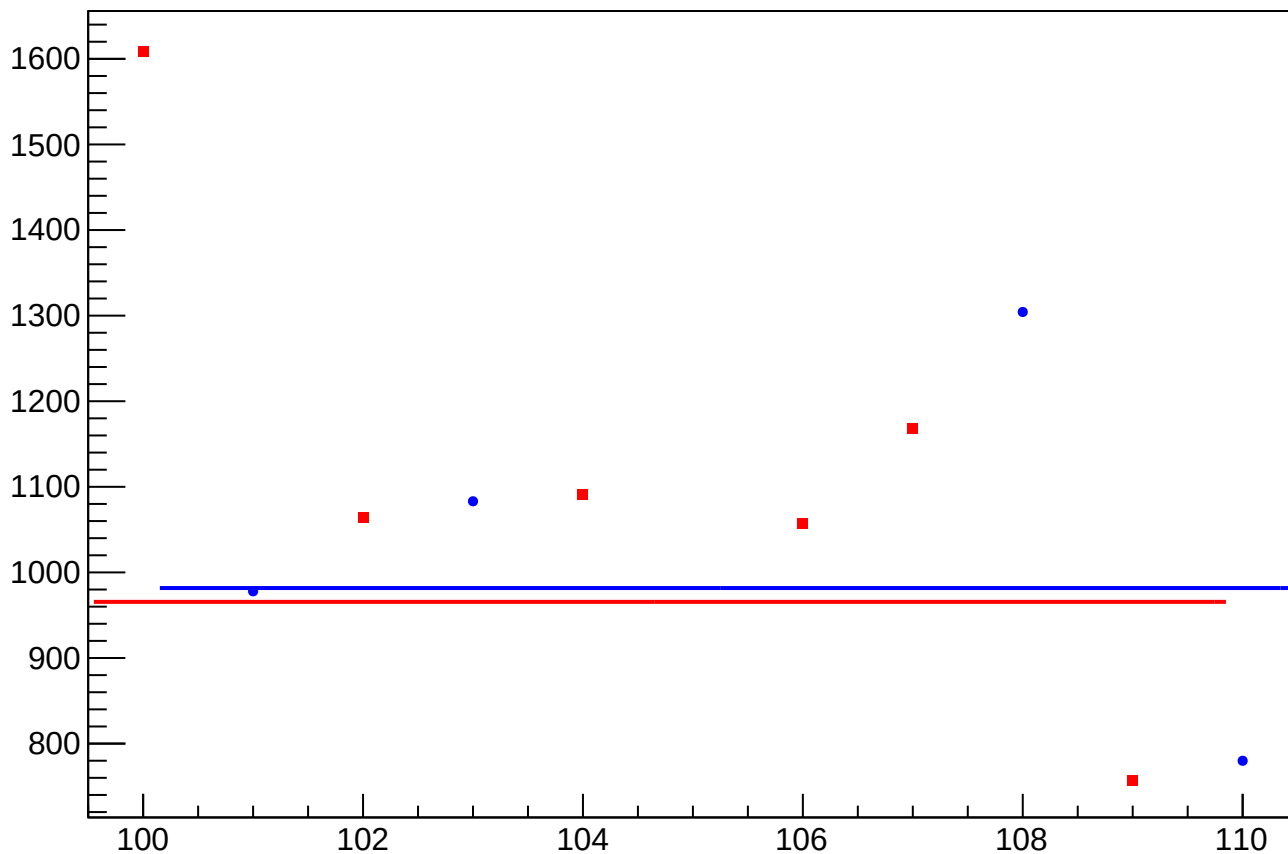
Right: 557.616+/-473.931 χ^2/NDF : 14.1/9

In: 310.663+/-699.477 χ^2/NDF : 8.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.616+/-473.931 χ^2/NDF : 14.1/9

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 981.740+/-0.495 χ^2/NDF : 108725.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 965.592+/-0.456 χ^2/NDF : 146463.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

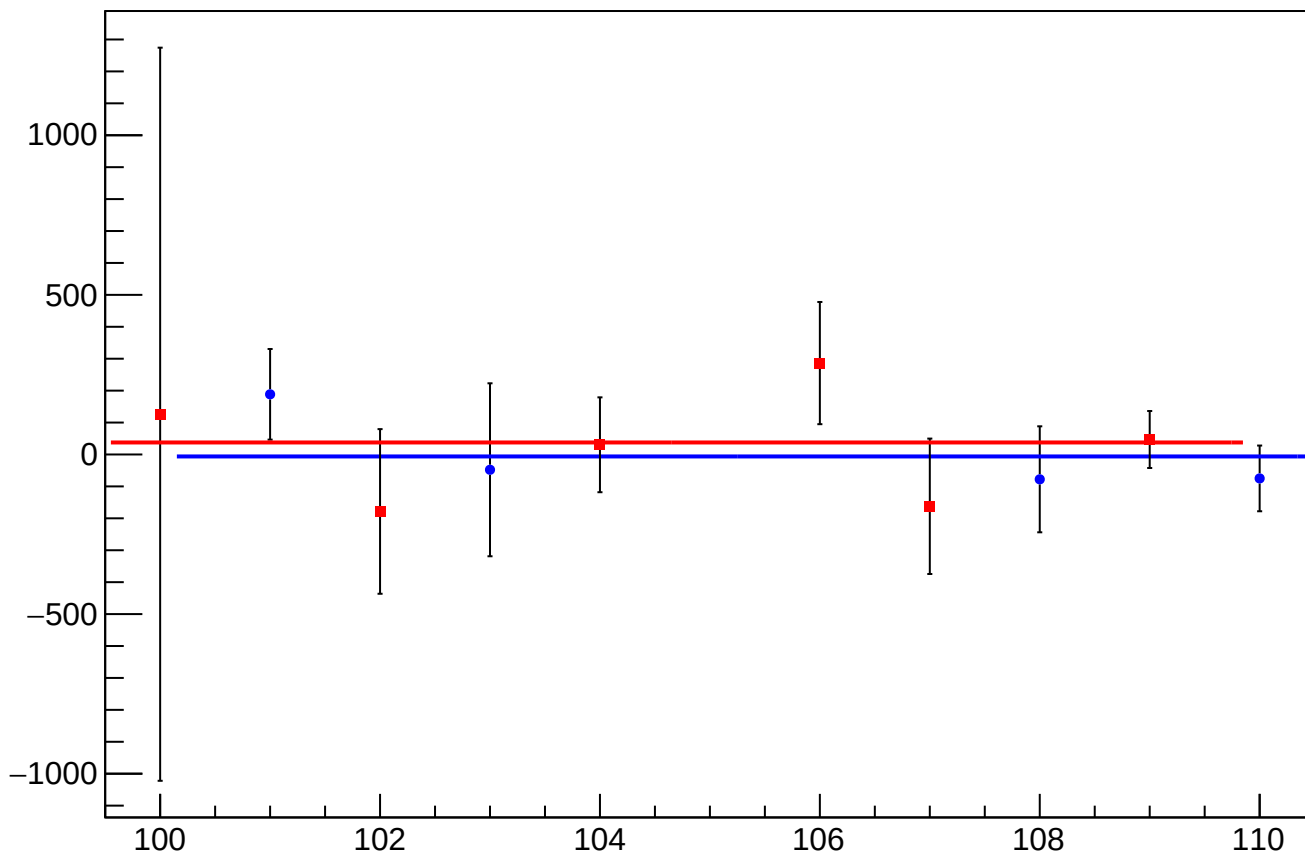
Right: 973.005+/-0.335 χ^2/NDF : 255765.3/9

In: 981.740+/-0.495 χ^2/NDF : 108725.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 973.005+/-0.335 χ^2/NDF : 255765.3/9

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -6.172+/-71.808 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.610+/-65.071 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

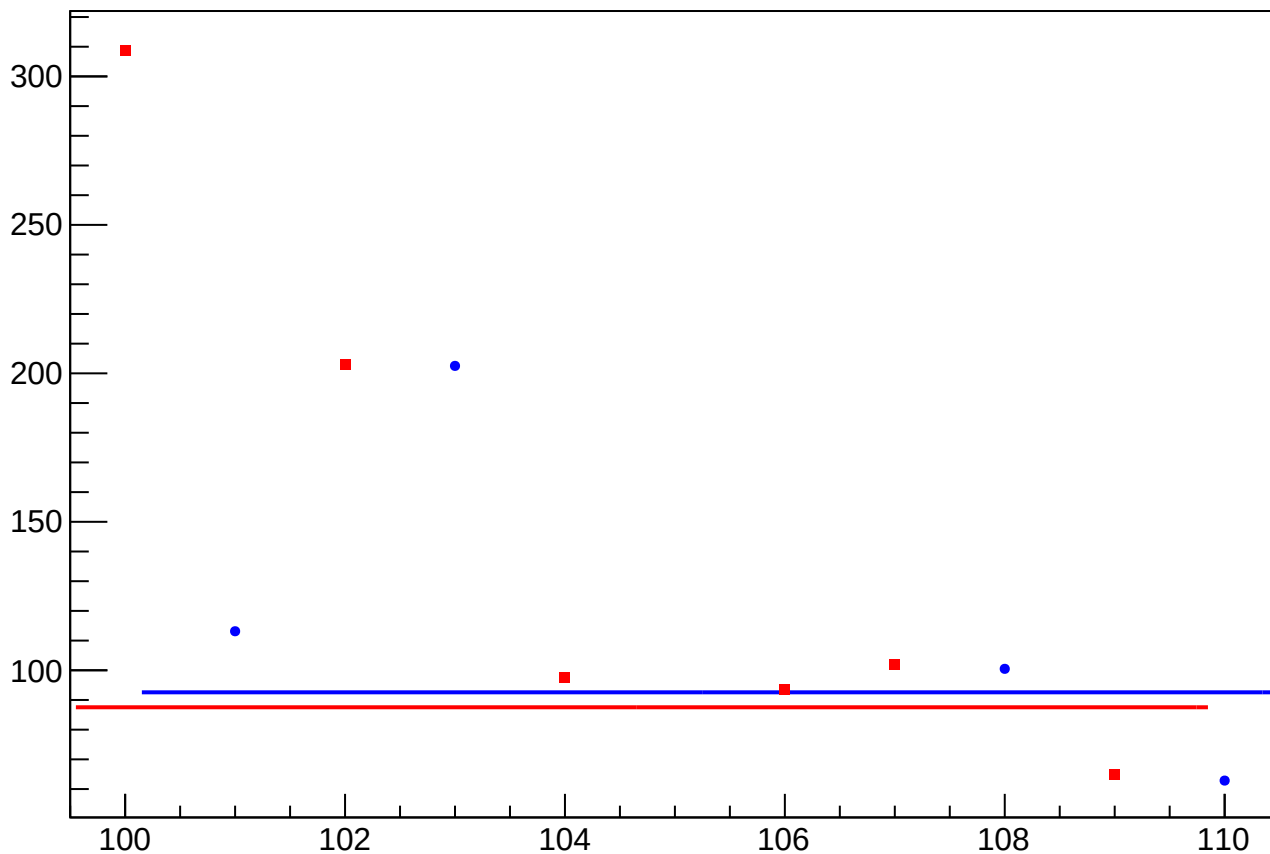
Right: 17.868+/-48.219 χ^2/NDF : 6.0/9

In: -6.172+/-71.808 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.868+/-48.219 χ^2/NDF : 6.0/9

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 92.577+/-0.051 χ^2/NDF : 542670.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.539+/-0.046 χ^2/NDF : 621460.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

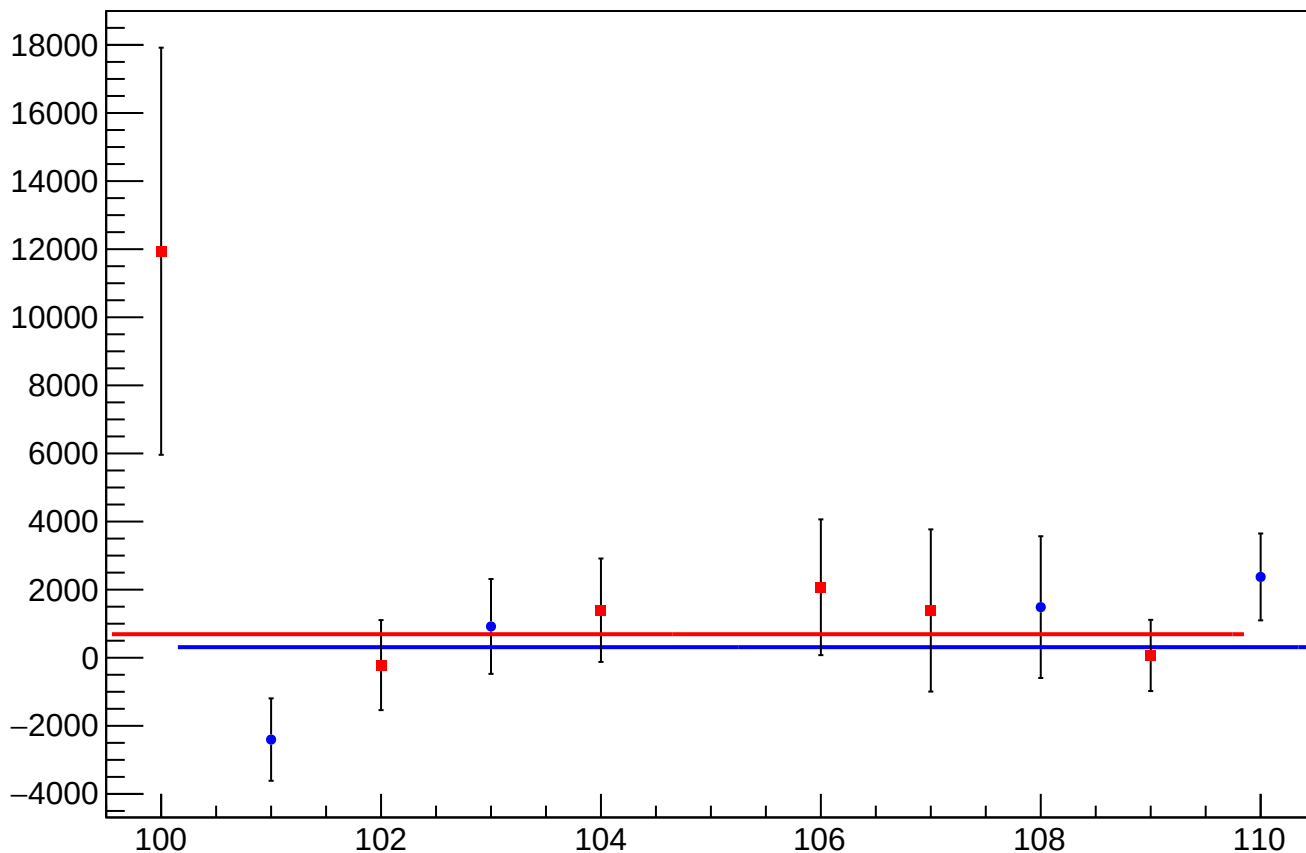
Right: 89.811+/-0.034 χ^2/NDF : 1169535.2/9

In: 92.577+/-0.051 χ^2/NDF : 542670.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.811+/-0.034 χ^2/NDF : 1169535.2/9

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 310.746+/-699.496 χ^2/NDF : 8.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 691.320+/-648.844 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

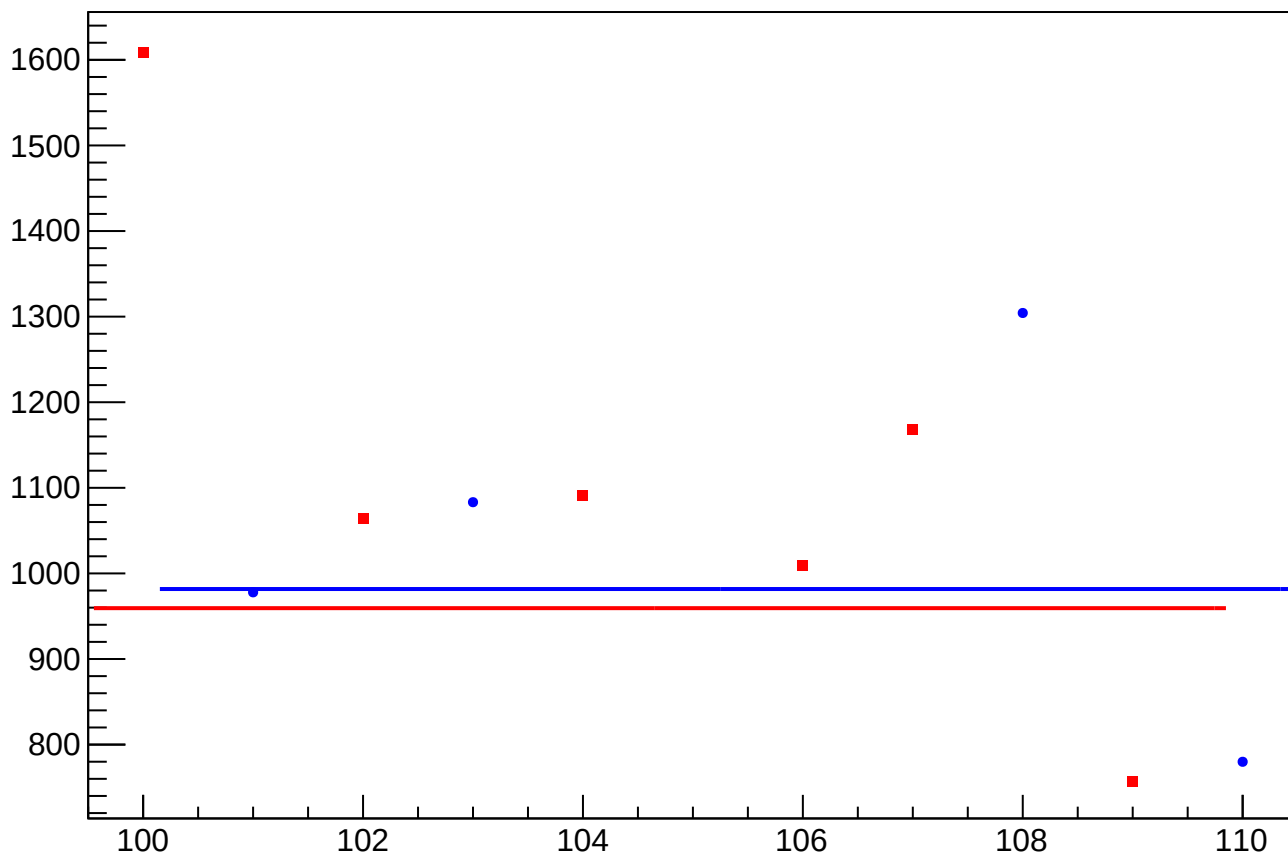
Right: 515.309+/-475.702 χ^2/NDF : 13.5/9

In: 310.746+/-699.496 χ^2/NDF : 8.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 515.309+/-475.702 χ^2/NDF : 13.5/9

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 981.763 $\pm$ 0.495 χ^2 /NDF: 108746.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 959.403 $\pm$ 0.459 χ^2 /NDF: 142621.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

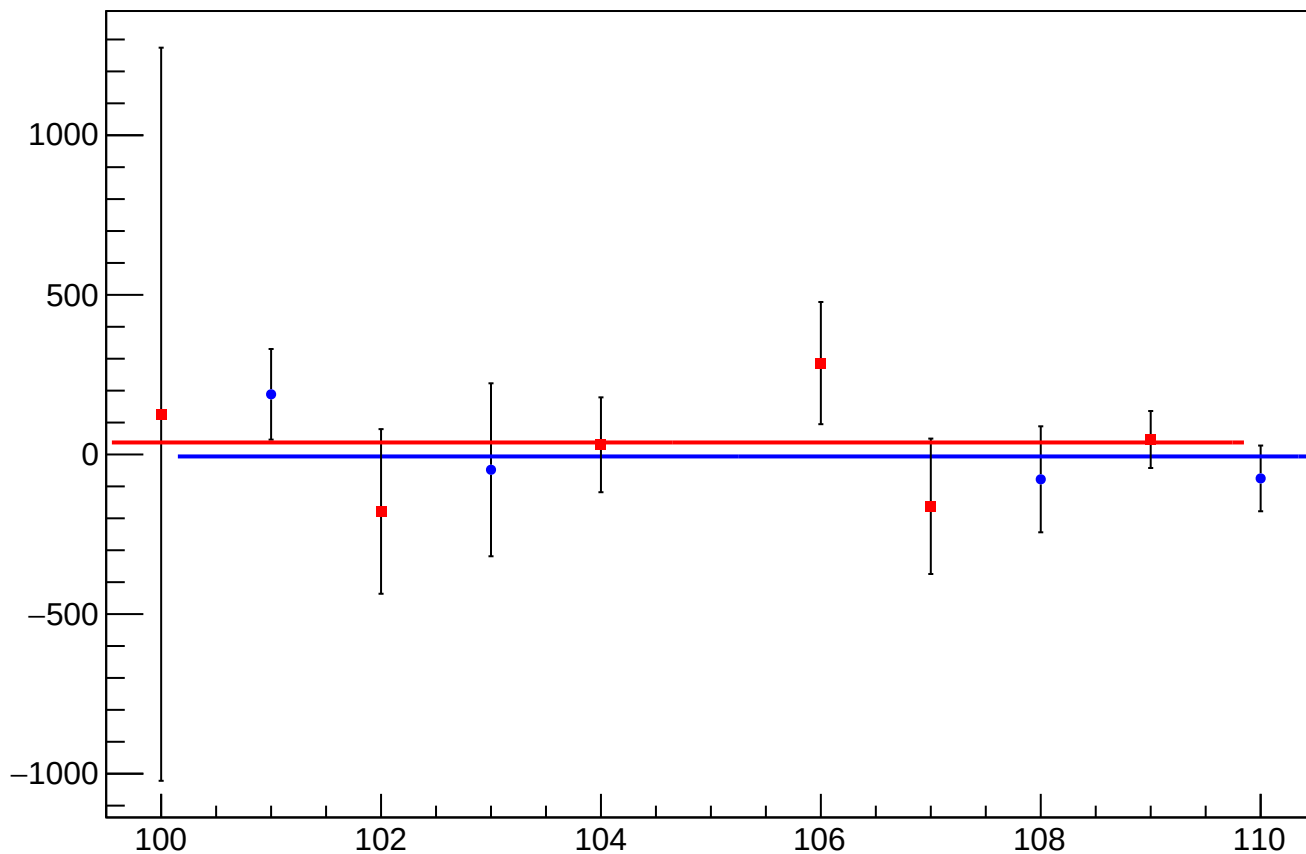
Right: 969.744 $\pm$ 0.336 χ^2 /NDF: 252467.1/9

In: 981.763 $\pm$ 0.495 χ^2 /NDF:108746.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 969.744 $\pm$ 0.336 χ^2 /NDF: 252467.1/9

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -6.172+/-71.808 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.610+/-65.071 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

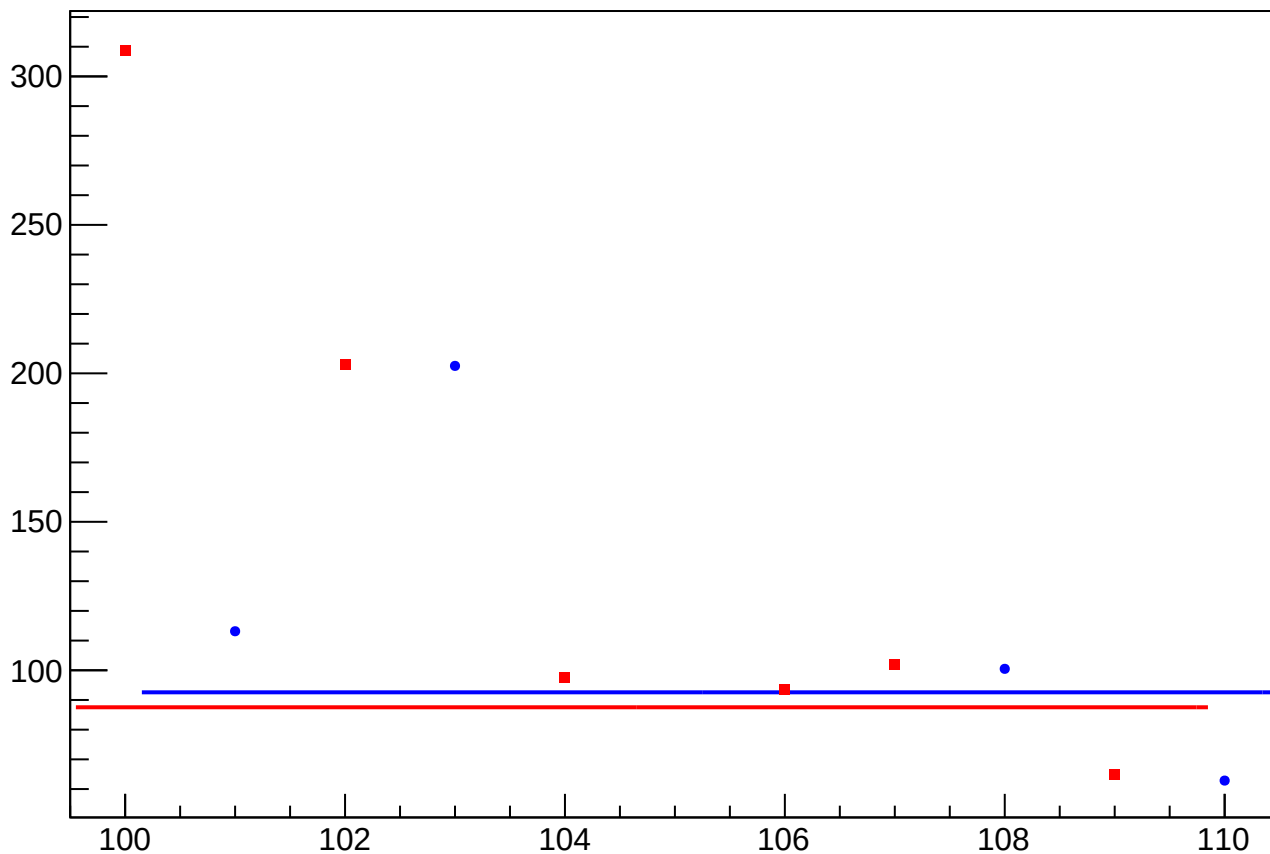
Right: 17.868+/-48.219 χ^2/NDF : 6.0/9

In: -6.172+/-71.808 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.868+/-48.219 χ^2/NDF : 6.0/9

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 92.577+/-0.051 χ^2/NDF : 542670.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.539+/-0.046 χ^2/NDF : 621460.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

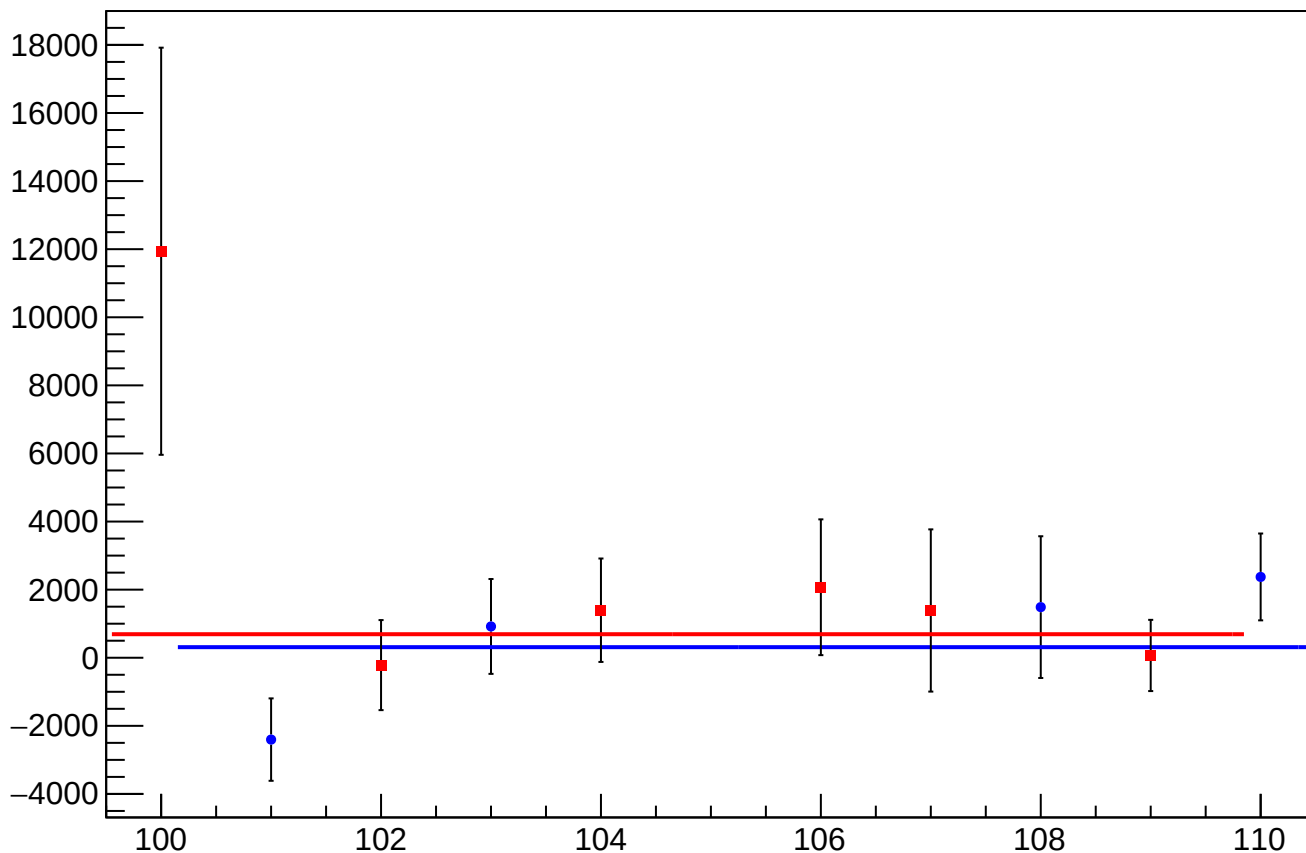
Right: 89.811+/-0.034 χ^2/NDF : 1169535.2/9

In: 92.577+/-0.051 χ^2/NDF : 542670.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.811+/-0.034 χ^2/NDF : 1169535.2/9

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 310.746+/-699.496 χ^2/NDF : 8.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 691.320+/-648.844 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

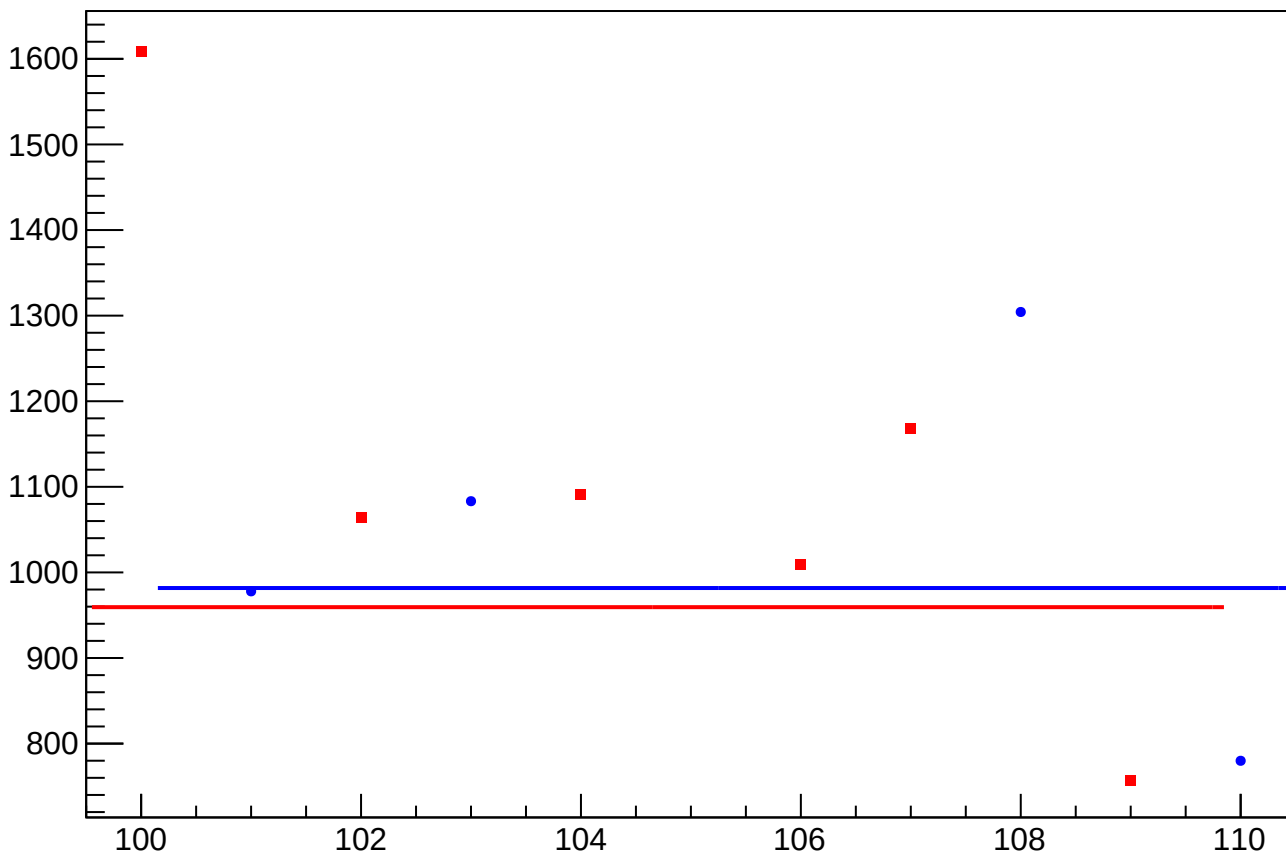
Right: 515.309+/-475.702 χ^2/NDF : 13.5/9

In: 310.746+/-699.496 χ^2/NDF : 8.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 515.309+/-475.702 χ^2/NDF : 13.5/9

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 981.763+/-0.495 χ^2/NDF : 108746.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.403+/-0.459 χ^2/NDF : 142621.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

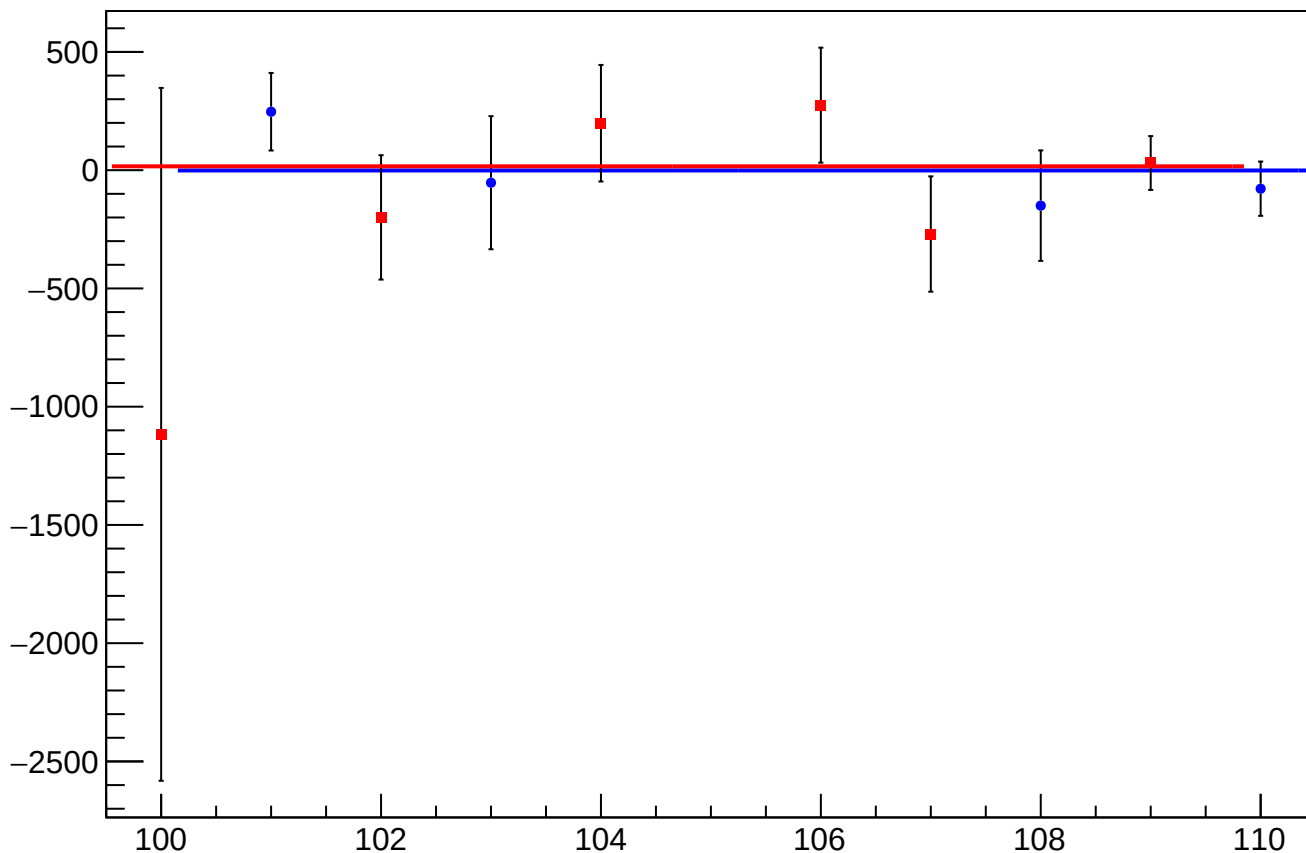
Right: 969.744+/-0.336 χ^2/NDF : 252467.1/9

In: 981.763+/-0.495 χ^2/NDF : 108746.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 969.744+/-0.336 χ^2/NDF : 252467.1/9

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -1.208 $\pm$ 83.300 χ^2 /NDF: 3.2/3

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 16.286 $\pm$ -83.807 χ^2 /NDF: 4.3/5

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

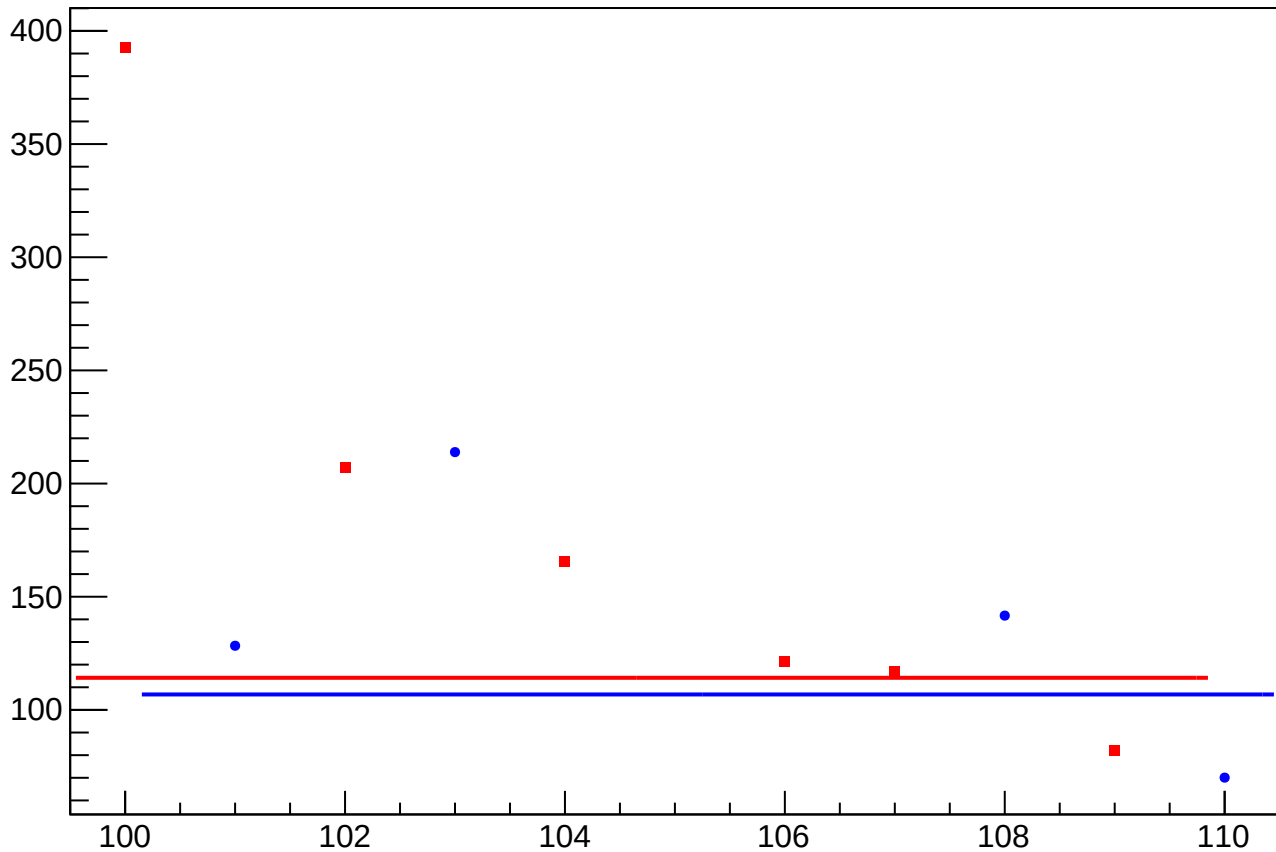
Right: 7.486 $\pm$ -59.080 χ^2 /NDF: 7.6/9

In: -1.208 $\pm$ -83.300 χ^2 /NDF:3.2/3

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 7.486 $\pm$ -59.080 χ^2 /NDF: 7.6/9

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 106.822+/-0.059 χ^2/NDF : 573639.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.188+/-0.059 χ^2/NDF : 571289.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

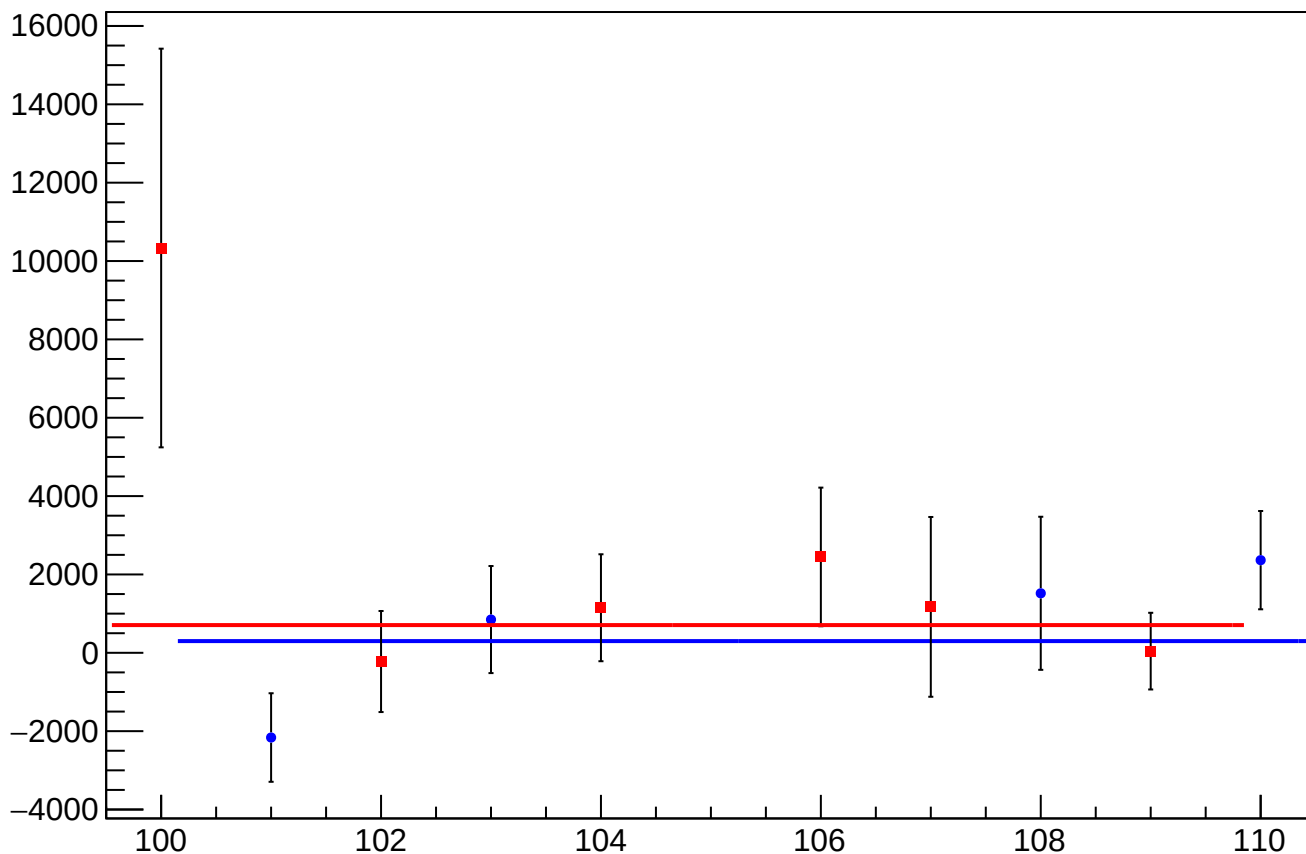
Right: 110.483+/-0.042 χ^2/NDF : 1152699.2/9

In: 106.822+/-0.059 χ^2/NDF : 573639.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.483+/-0.042 χ^2/NDF : 1152699.2/9

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 298.881+/-671.741 χ^2/NDF : 8.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 707.558+/-605.230 χ^2/NDF : 5.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

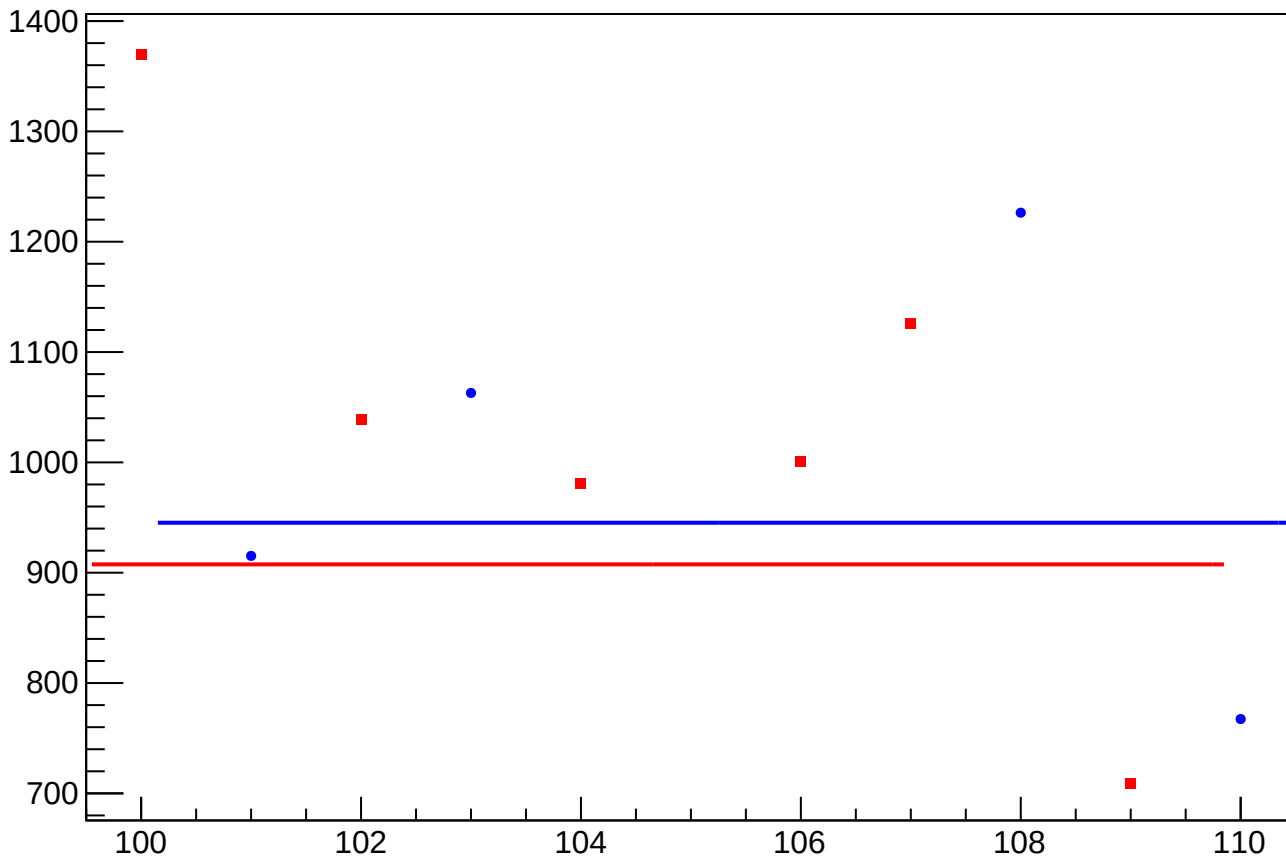
Right: 524.448+/-449.643 χ^2/NDF : 13.9/9

In: 298.881+/-671.741 χ^2/NDF : 8.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.448+/-449.643 χ^2/NDF : 13.9/9

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 945.304+/-0.475 χ^2/NDF : 97863.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 907.538+/-0.428 χ^2/NDF : 148436.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

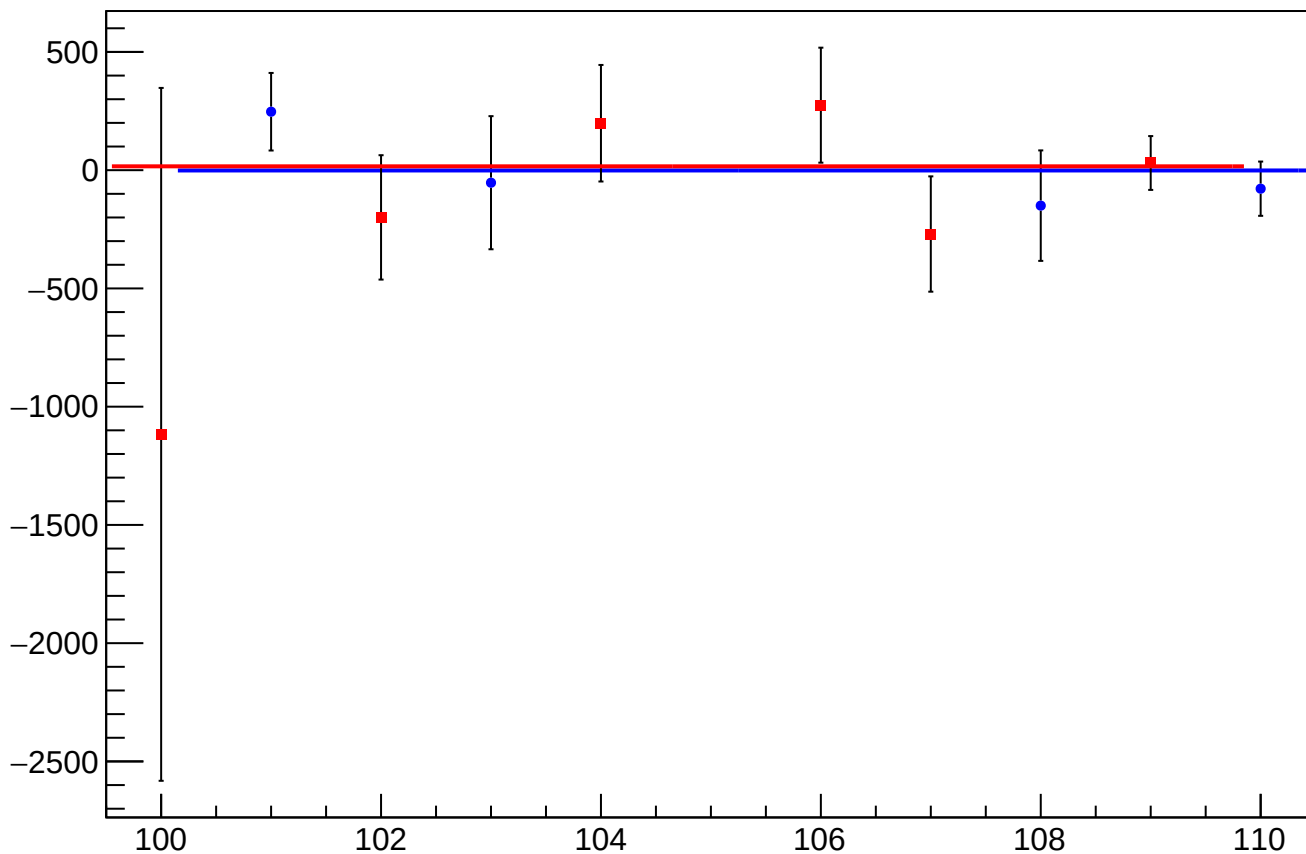
Right: 924.459+/-0.318 χ^2/NDF : 249788.6/9

In: 945.304+/-0.475 χ^2/NDF : 97863.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 924.459+/-0.318 χ^2/NDF : 249788.6/9

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -1.209+/-83.301 χ^2/NDF : 3.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.284+/-83.807 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

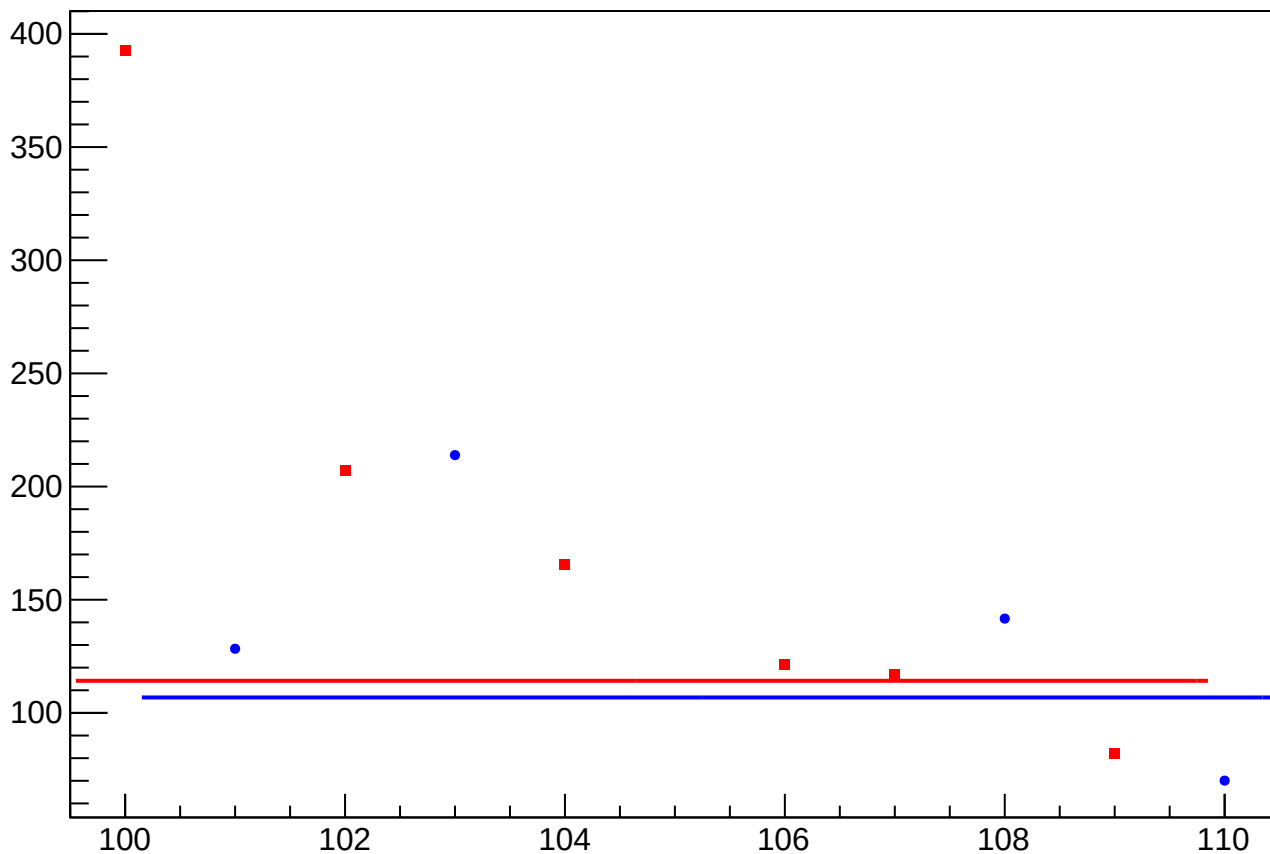
Right: 7.484+/-59.081 χ^2/NDF : 7.6/9

In: -1.209+/-83.301 χ^2/NDF : 3.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.484+/-59.081 χ^2/NDF : 7.6/9

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 106.823+/-0.059 χ^2/NDF : 573635.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.188+/-0.059 χ^2/NDF : 571291.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

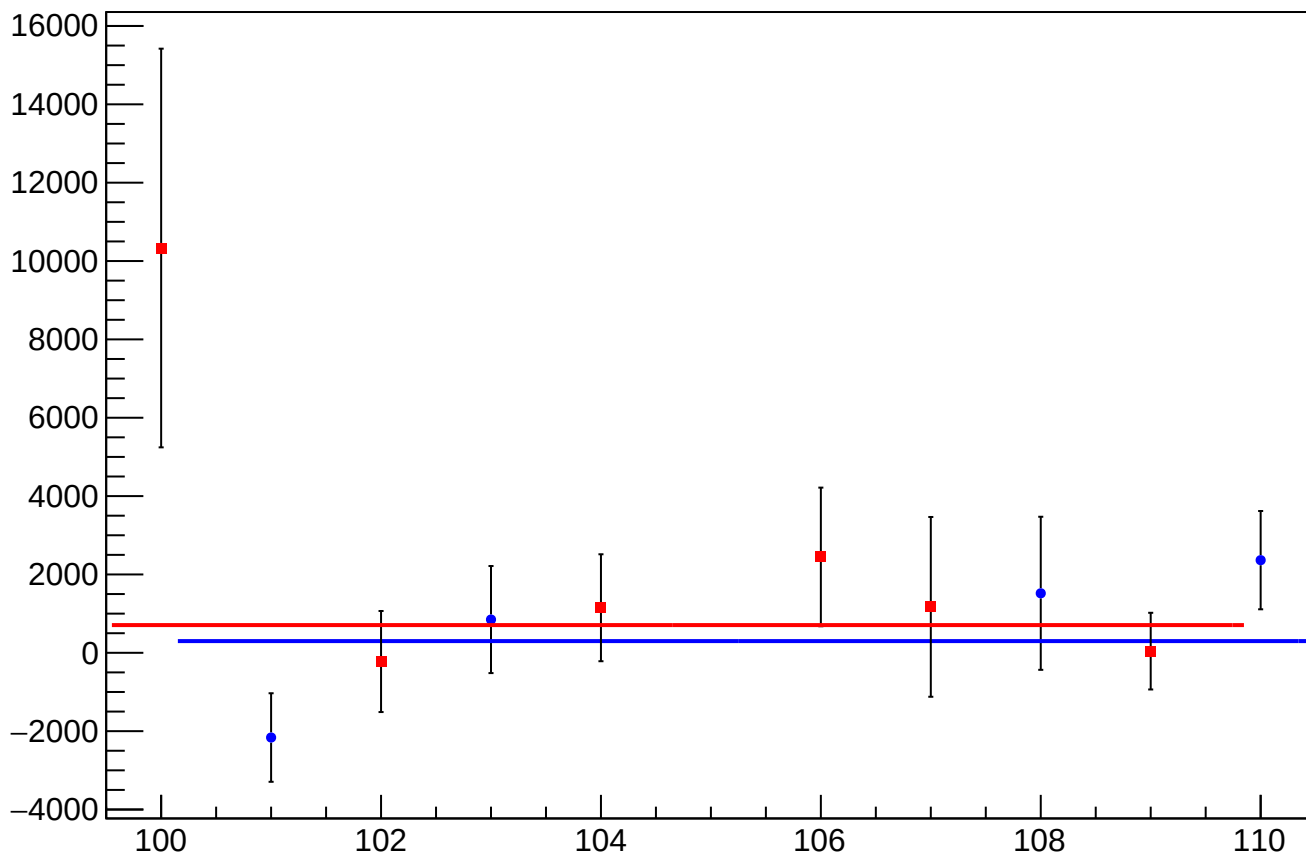
Right: 110.483+/-0.042 χ^2/NDF : 1152696.5/9

In: 106.823+/-0.059 χ^2/NDF : 573635.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.483+/-0.042 χ^2/NDF : 1152696.5/9

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 298.879+/-671.738 χ^2/NDF : 8.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 707.557+/-605.229 χ^2/NDF : 5.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

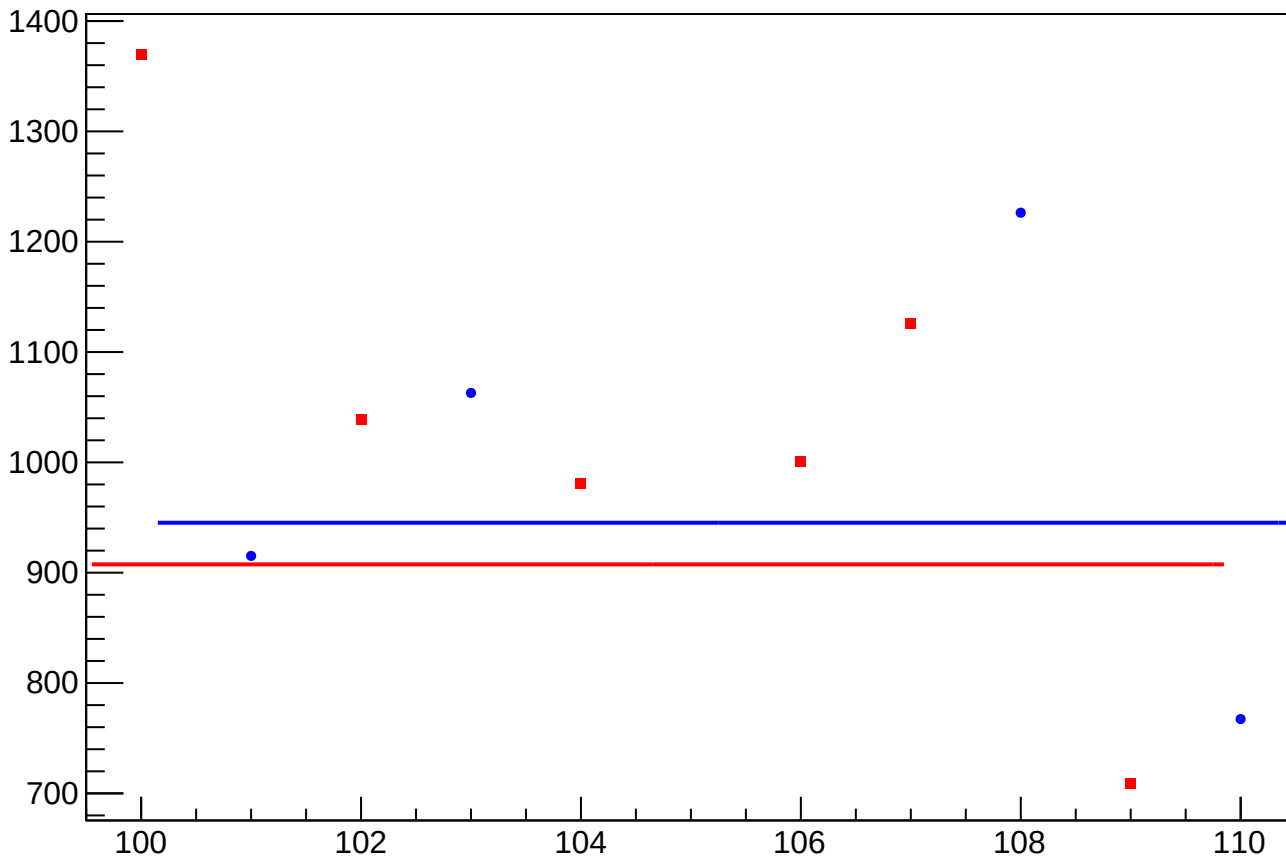
Right: 524.446+/-449.642 χ^2/NDF : 13.9/9

In: 298.879+/-671.738 χ^2/NDF : 8.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.446+/-449.642 χ^2/NDF : 13.9/9

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 945.301+/-0.475 χ^2/NDF : 97863.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 907.536+/-0.428 χ^2/NDF : 148434.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

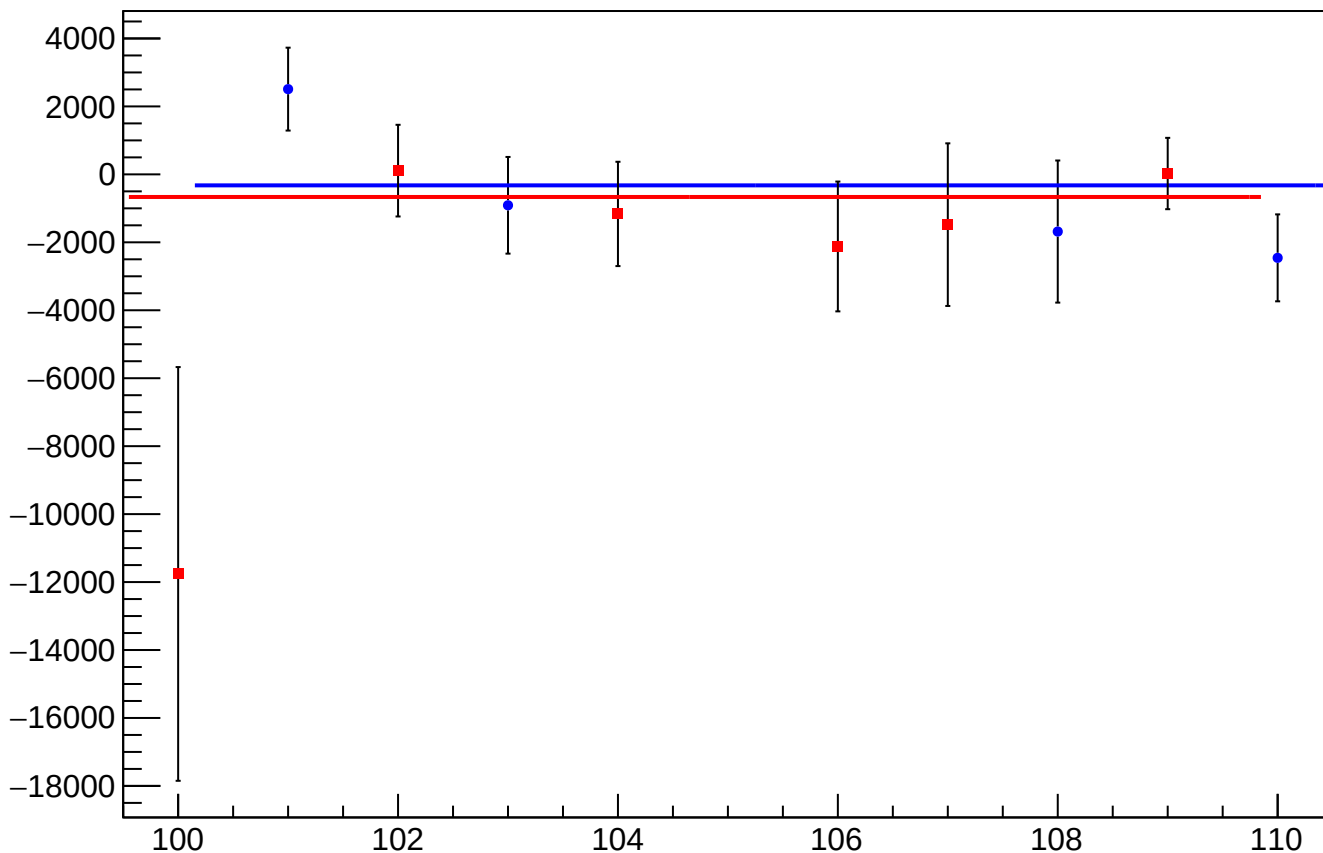
Right: 924.457+/-0.318 χ^2/NDF : 249787.1/9

In: 945.301+/-0.475 χ^2/NDF : 97863.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 924.457+/-0.318 χ^2/NDF : 249787.1/9

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -323.772+/-706.182 χ^2/NDF : 8.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -665.453+/-651.399 χ^2/NDF : 4.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

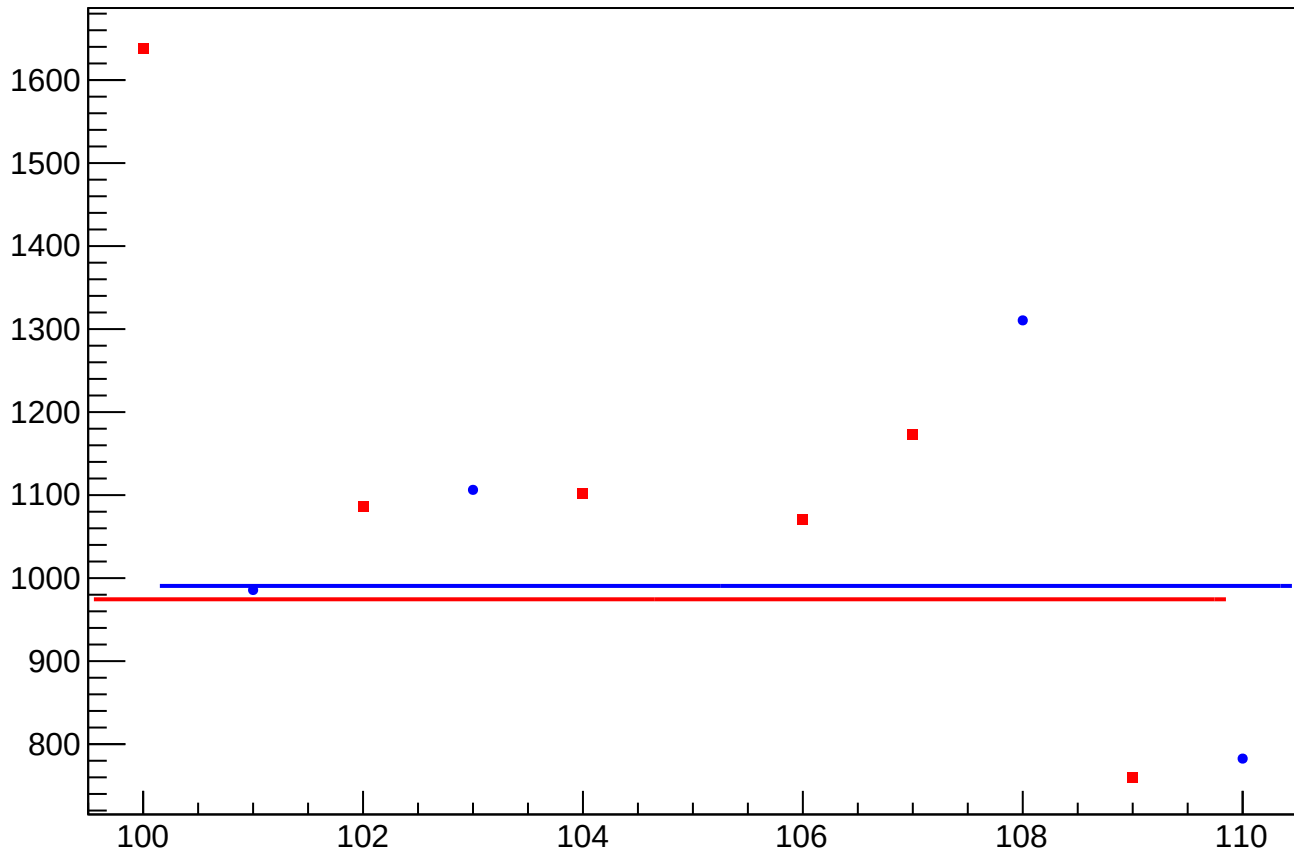
Right: -508.378+/-478.806 χ^2/NDF : 13.8/9

In: -323.772+/-706.182 χ^2/NDF : 8.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -508.378+/-478.806 χ^2/NDF : 13.8/9

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 990.604+/-0.499 χ^2/NDF : 112915.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 974.495+/-0.461 χ^2/NDF : 153520.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

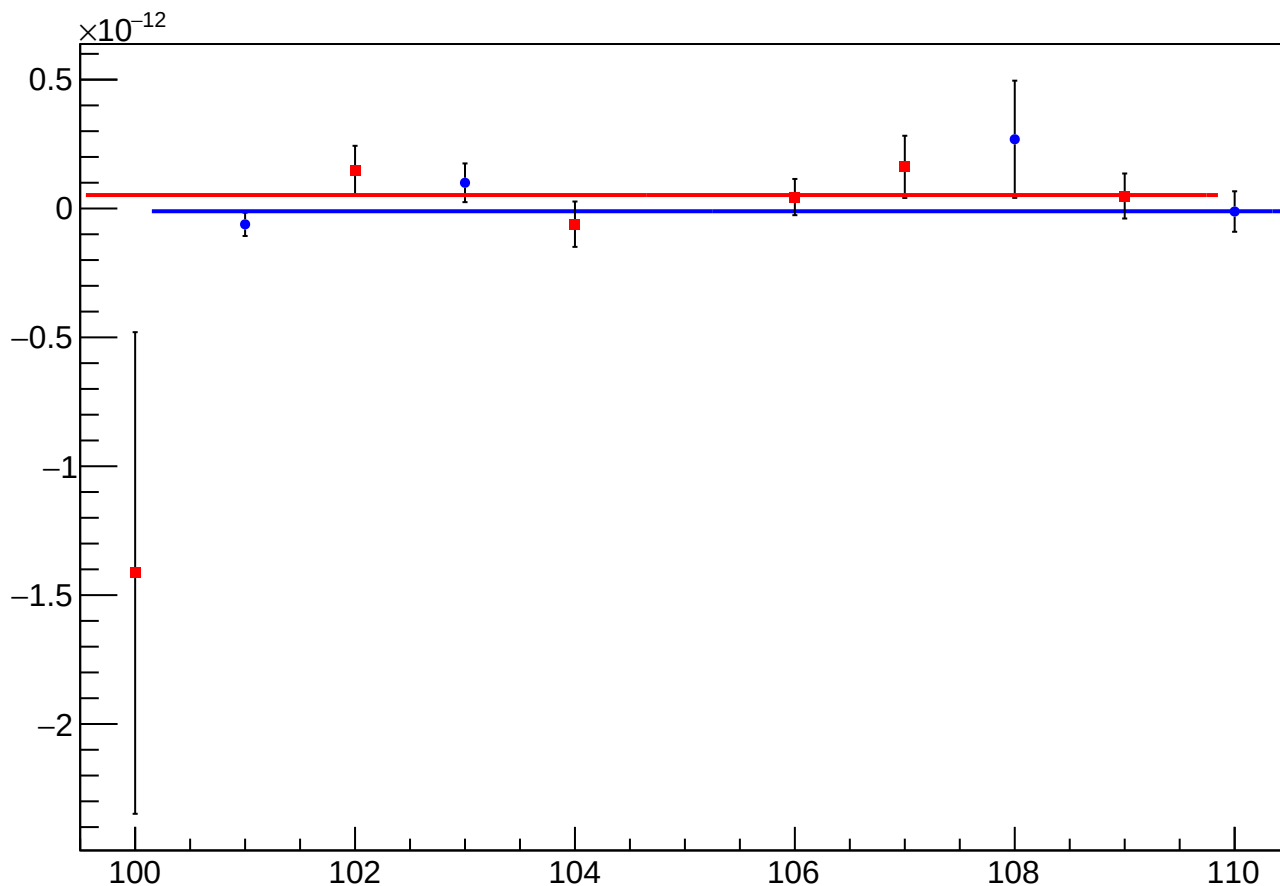
Right: 981.900+/-0.339 χ^2/NDF : 266998.5/9

In: 990.604+/-0.499 χ^2/NDF : 112915.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 981.900+/-0.339 χ^2/NDF : 266998.5/9

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

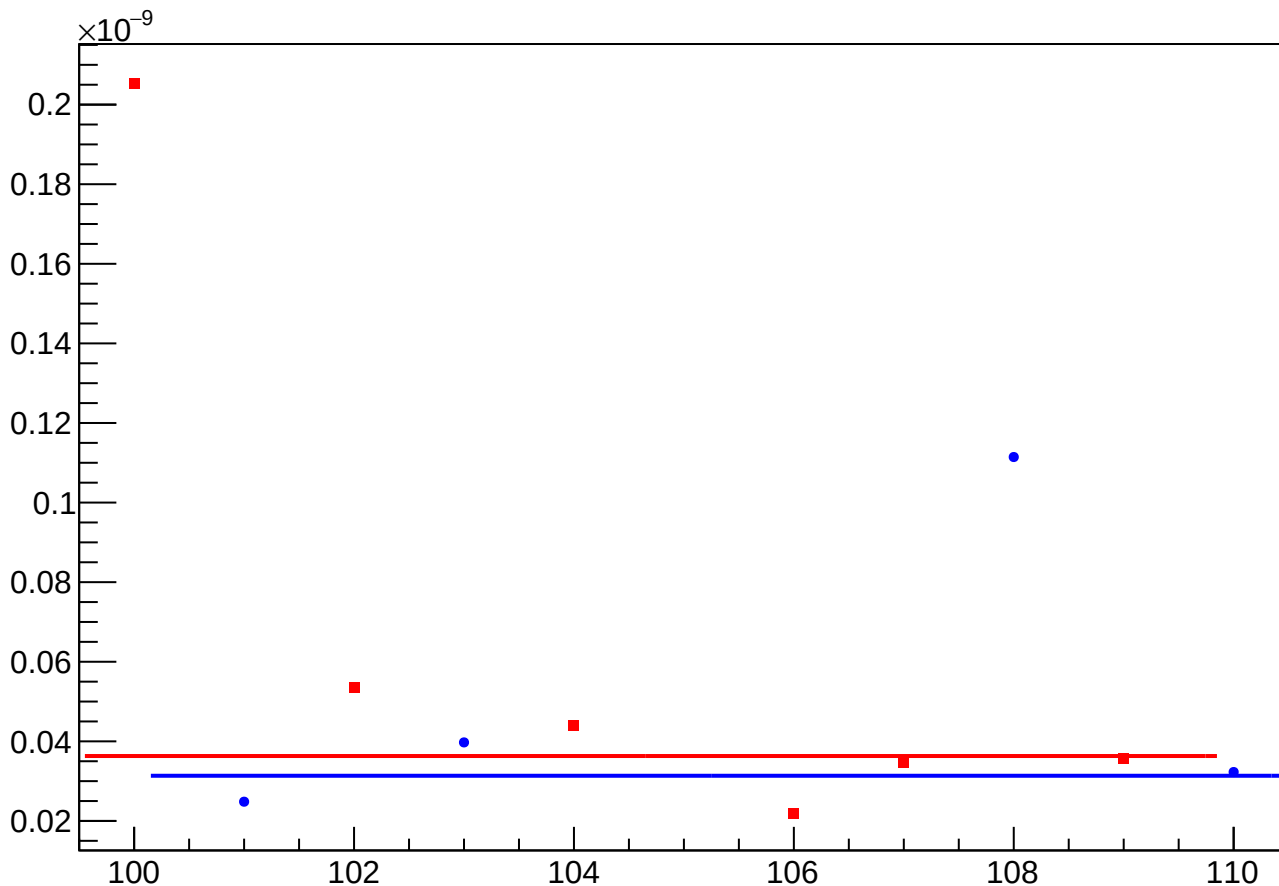
Right: 0.000+/-0.000 χ^2/NDF : 12.4/9

In: -0.000+/-0.000 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.4/9

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 315116.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 233312.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

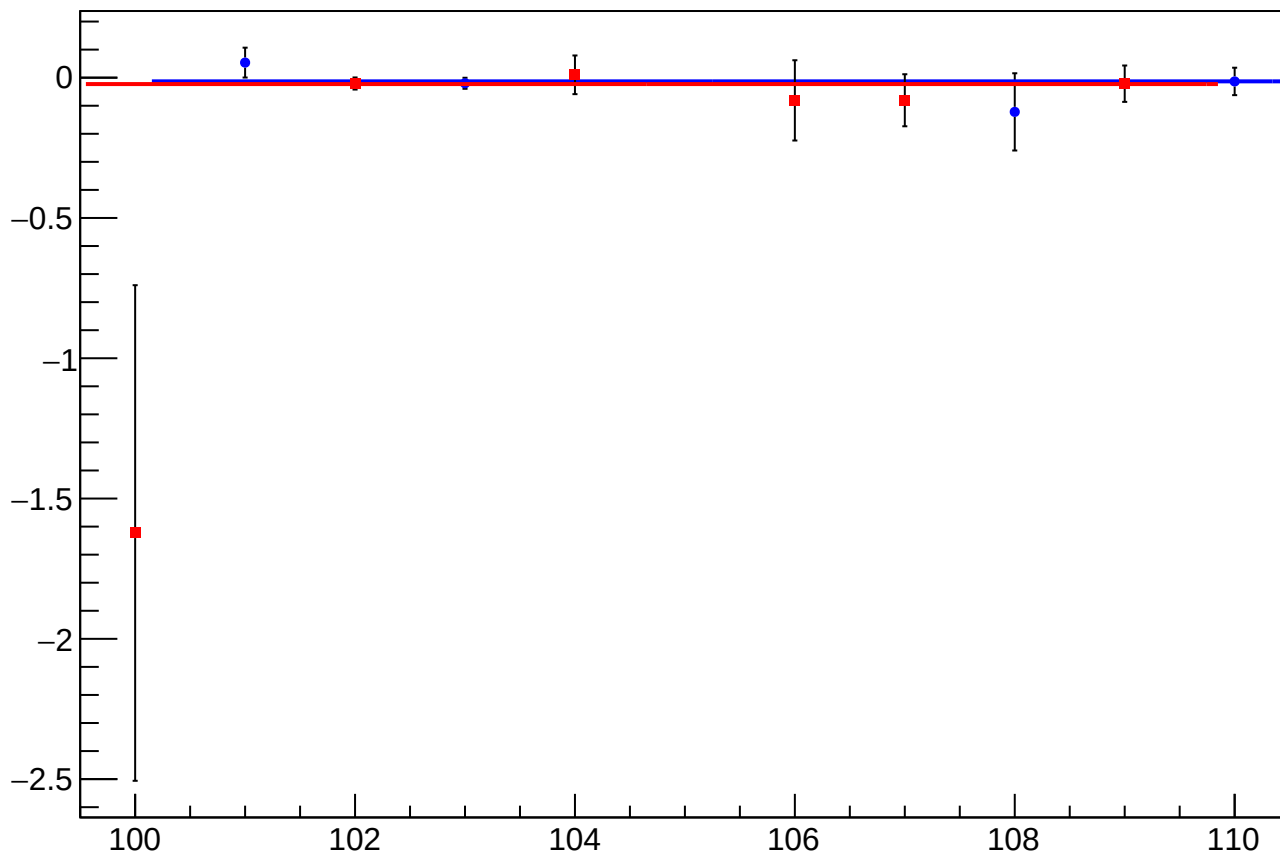
Right: 0.000+/-0.000 χ^2/NDF : 566455.0/9

In: 0.000+/-0.000 χ^2/NDF : 315116.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 566455.0/9

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.017 χ^2 /NDF: 2.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.019 χ^2 /NDF: 4.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

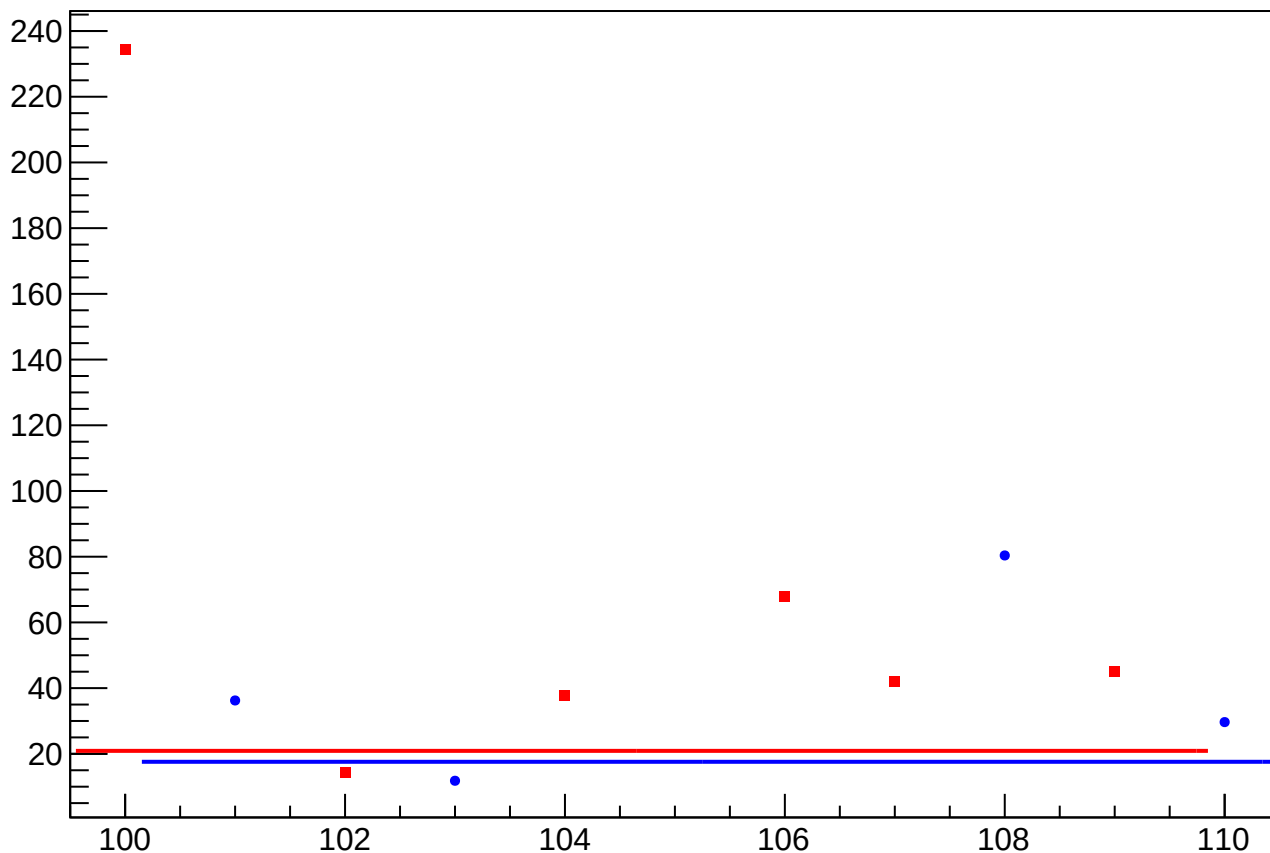
Right: -0.017 $\pm$ 0.013 χ^2 /NDF: 6.5/9

In: -0.013 $\pm$ 0.017 χ^2 /NDF:2.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.013 χ^2 /NDF: 6.5/9

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.578+/-0.012 χ^2/NDF : 957579.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.903+/-0.013 χ^2/NDF : 1025722.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

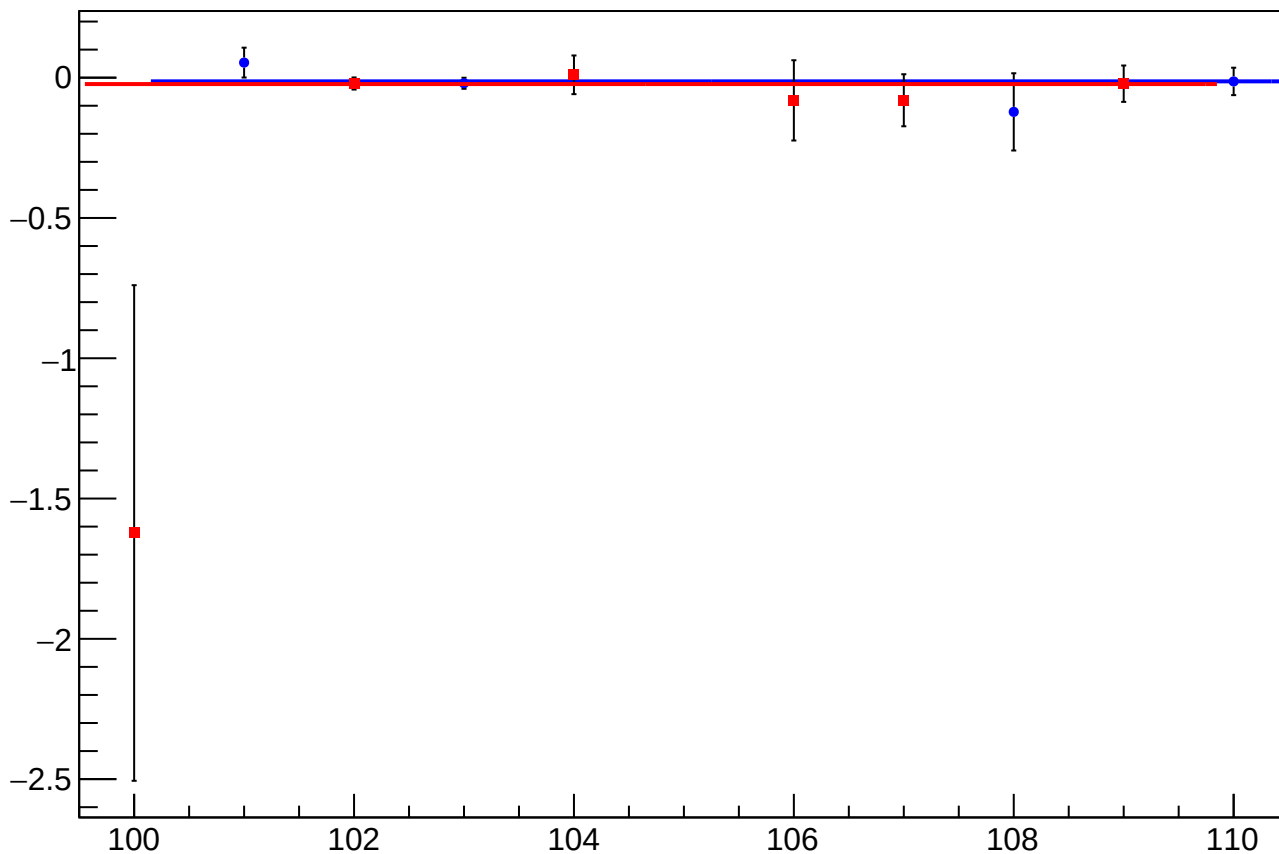
Right: 19.067+/-0.009 χ^2/NDF : 2017131.1/9

In: 17.578+/-0.012 χ^2/NDF : 957579.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.067+/-0.009 χ^2/NDF : 2017131.1/9

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.017 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.019 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

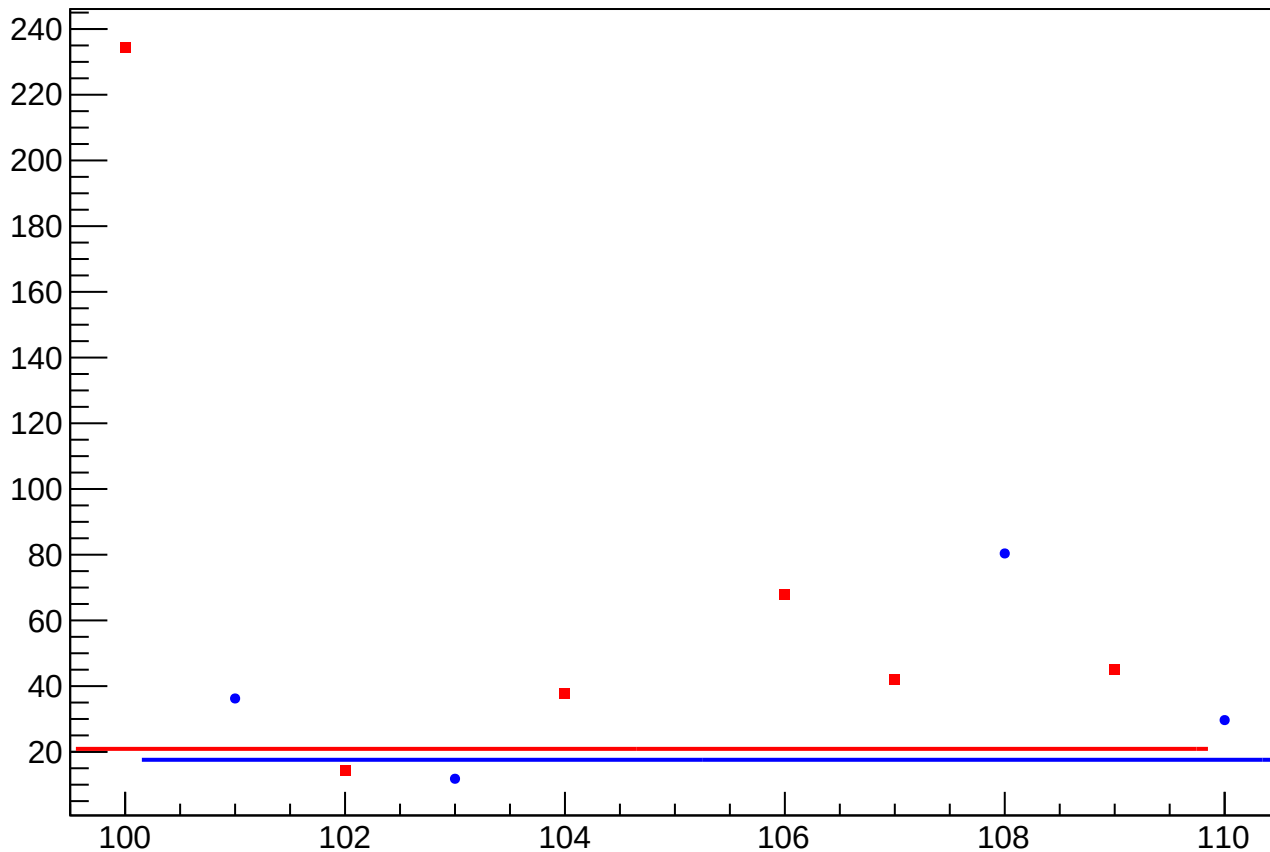
Right: -0.017+/-0.013 χ^2/NDF : 6.5/9

In: -0.013+/-0.017 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.013 χ^2/NDF : 6.5/9

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.578+/-0.012 χ^2/NDF : 957579.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.903+/-0.013 χ^2/NDF : 1025722.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

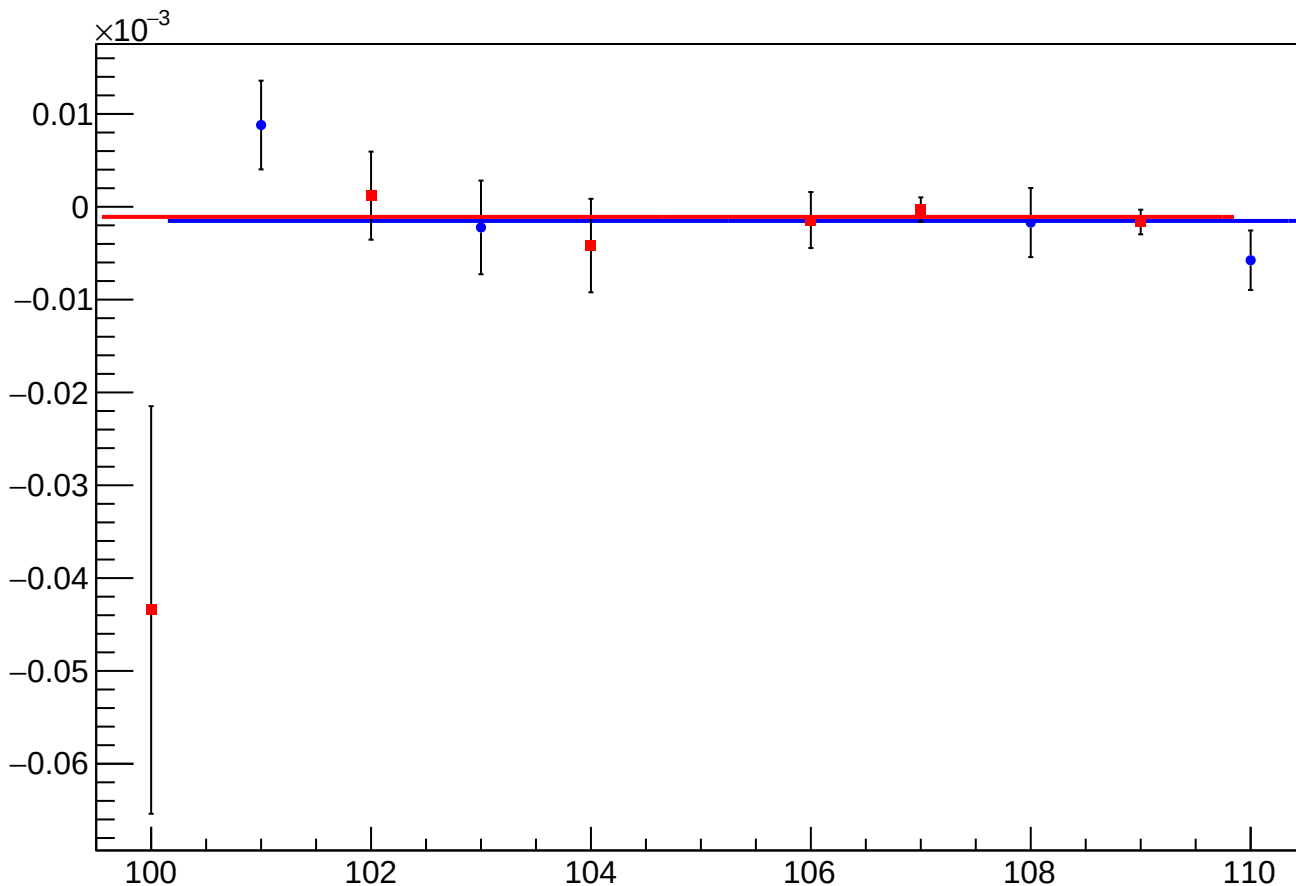
Right: 19.067+/-0.009 χ^2/NDF : 2017131.1/9

In: 17.578+/-0.012 χ^2/NDF : 957579.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.067+/-0.009 χ^2/NDF : 2017131.1/9

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.4/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 4.9/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

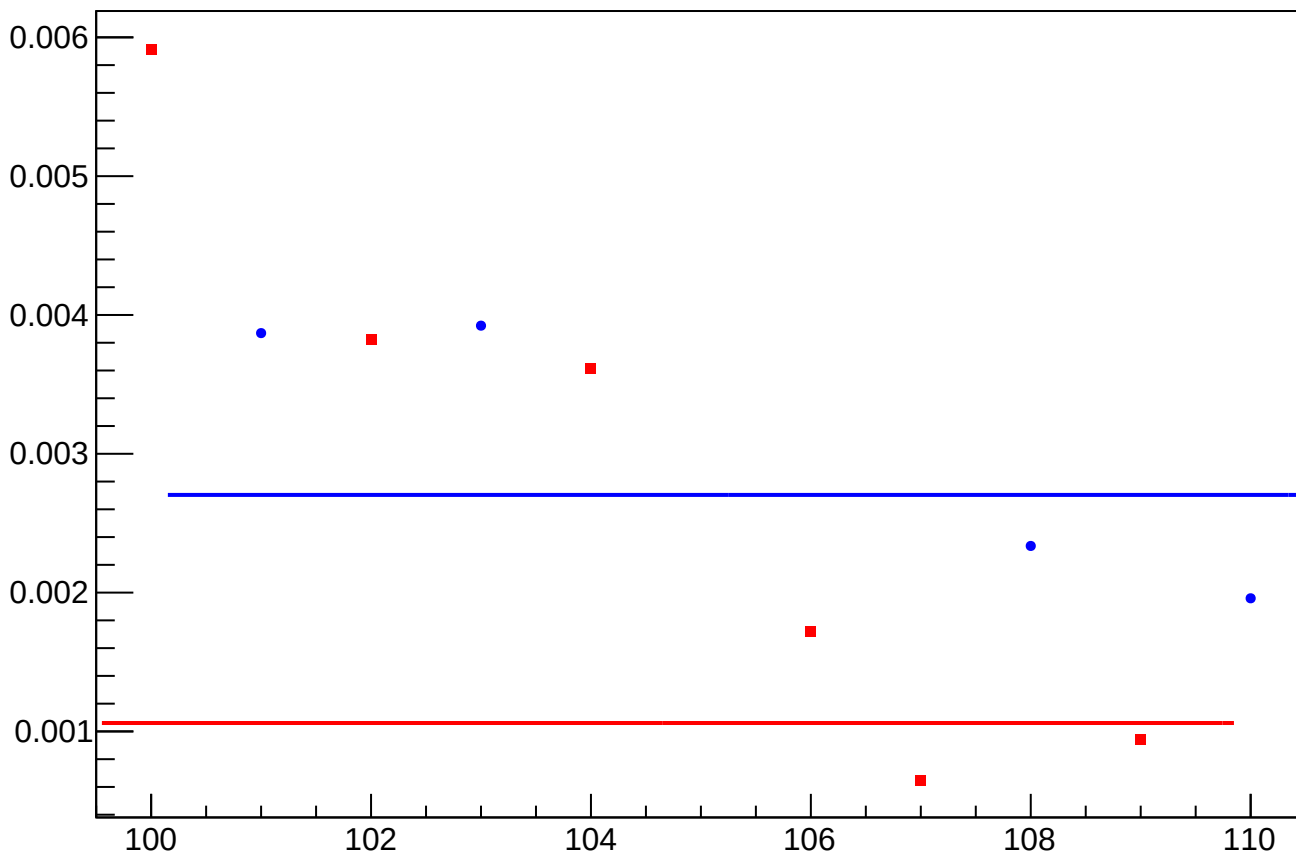
Right: -0.000+/-0.000 χ^2 /NDF: 11.4/9

In: -0.000+/-0.000 χ^2 /NDF:6.4/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.4/9

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 363308.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1600637.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

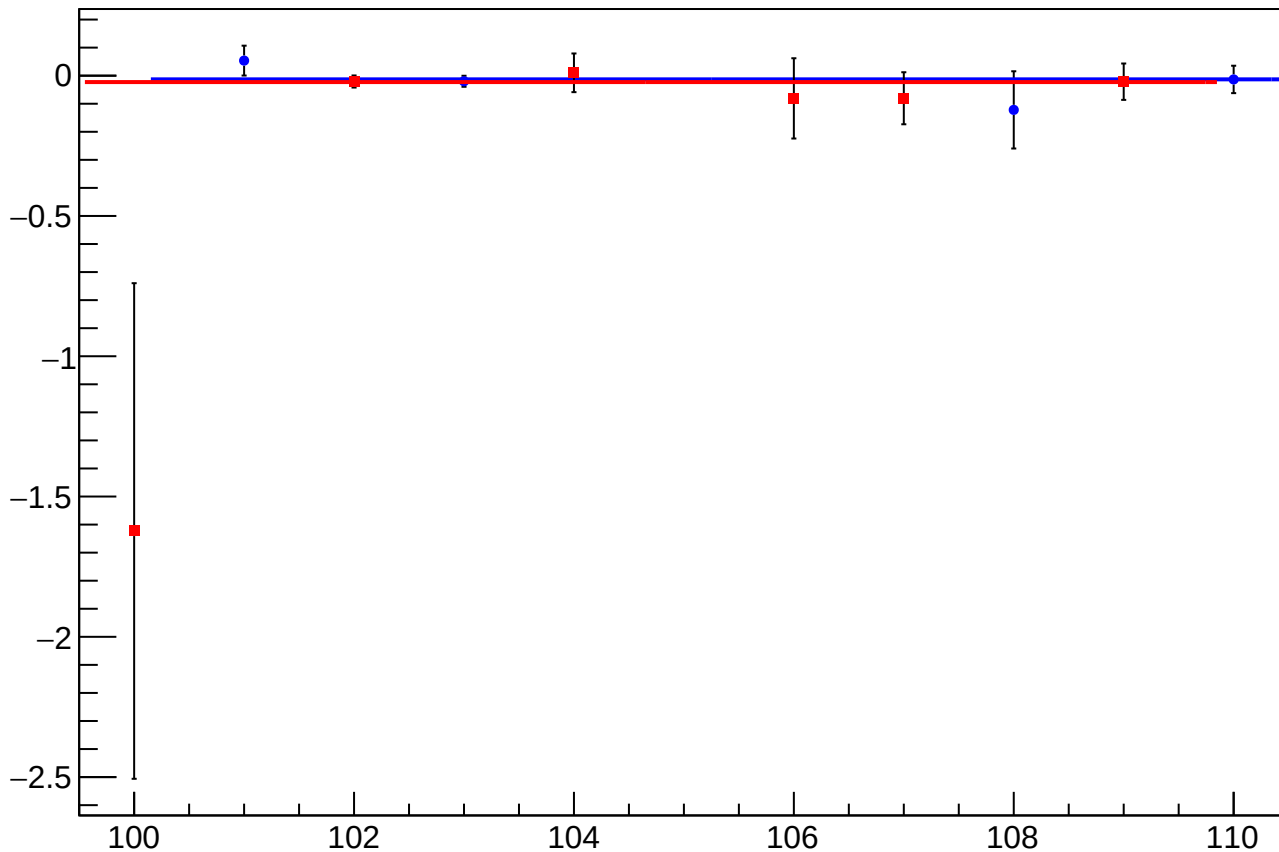
Right: 0.001+/-0.000 χ^2/NDF : 3111632.6/9

In: 0.003+/-0.000 χ^2/NDF : 363308.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3111632.6/9

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.017 χ^2 /NDF: 2.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.019 χ^2 /NDF: 4.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

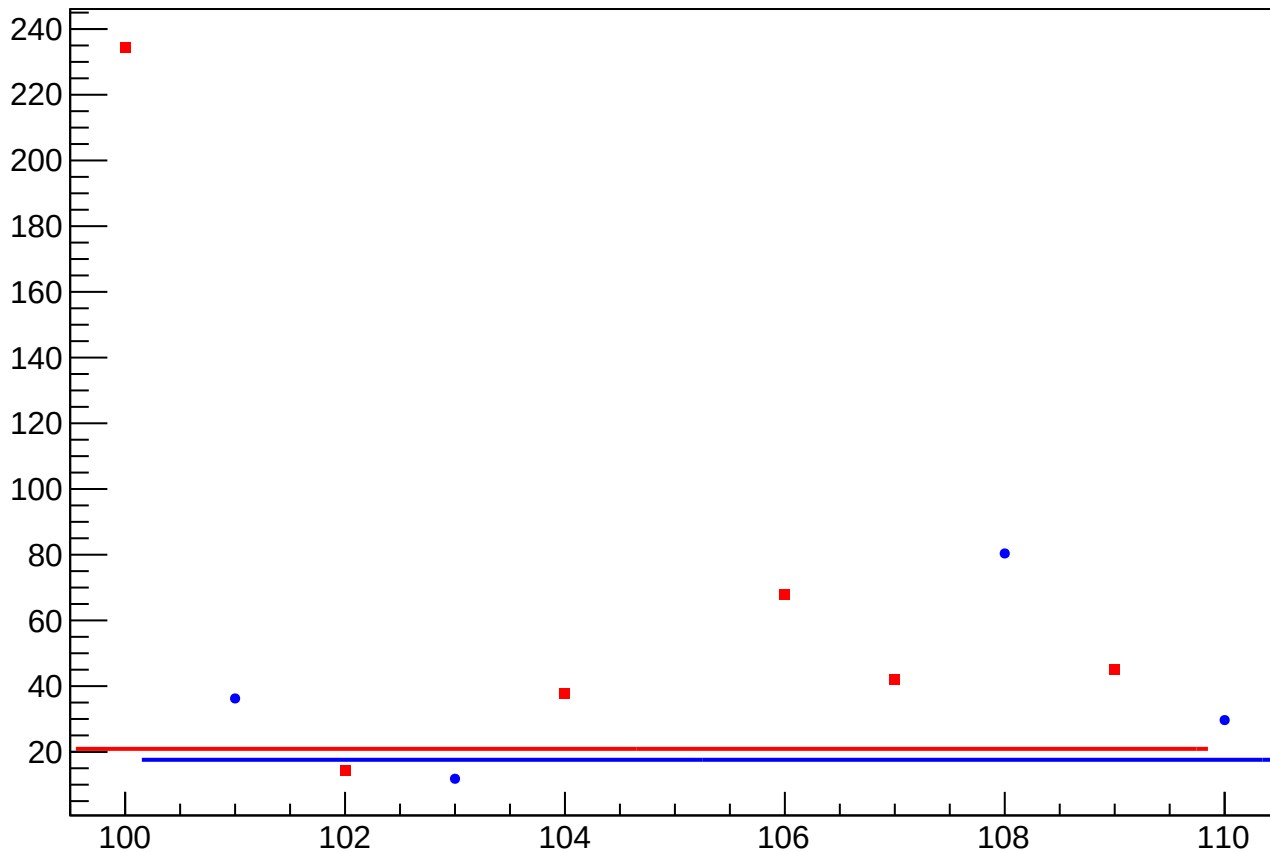
Right: -0.017 $\pm$ 0.013 χ^2 /NDF: 6.5/9

In: -0.013 $\pm$ 0.017 χ^2 /NDF:2.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.013 χ^2 /NDF: 6.5/9

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.577+/-0.012 χ^2/NDF : 957699.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.907+/-0.013 χ^2/NDF : 1025528.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

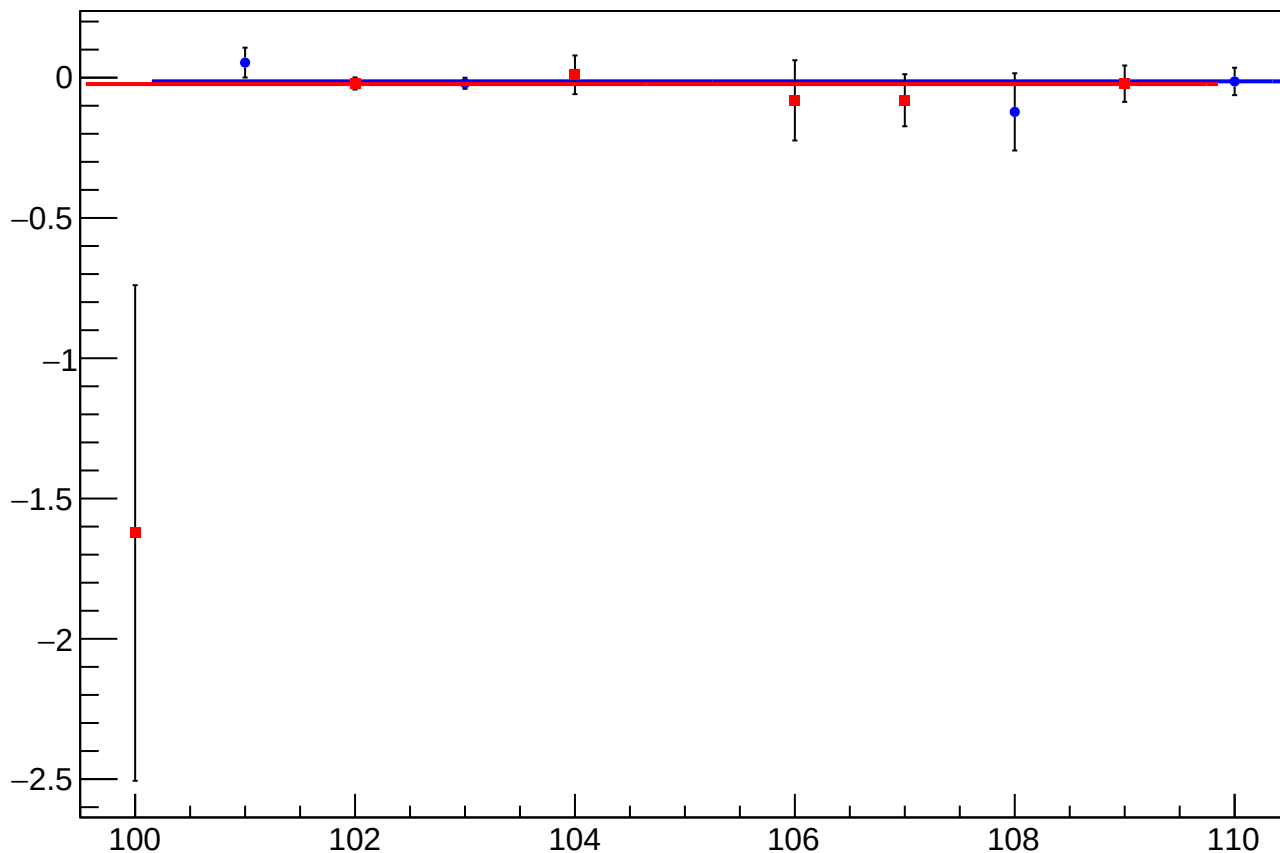
Right: 19.067+/-0.009 χ^2/NDF : 2017155.7/9

In: 17.577+/-0.012 χ^2/NDF : 957699.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.067+/-0.009 χ^2/NDF : 2017155.7/9

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.017 χ^2 /NDF: 2.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.019 χ^2 /NDF: 4.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

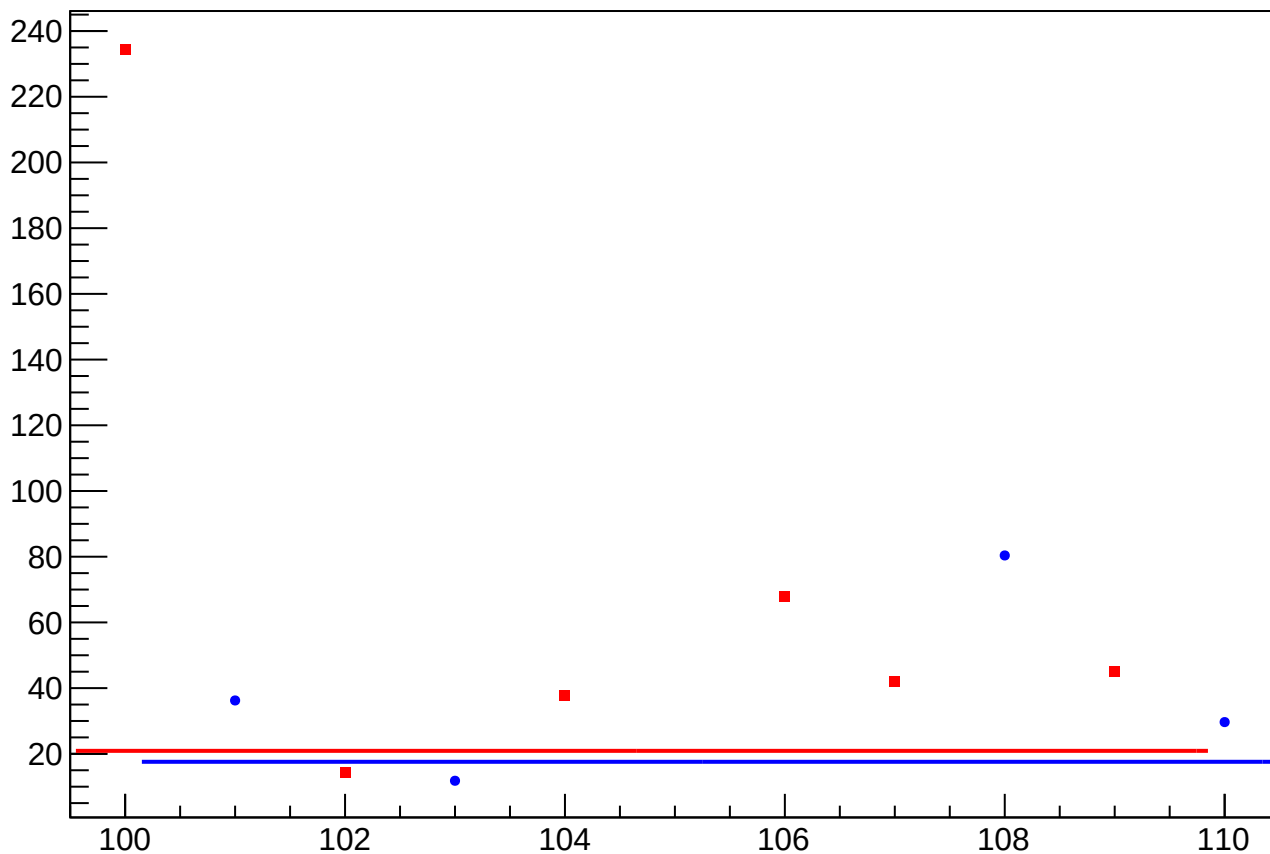
Right: -0.017 $\pm$ 0.013 χ^2 /NDF: 6.5/9

In: -0.013 $\pm$ 0.017 χ^2 /NDF:2.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.013 χ^2 /NDF: 6.5/9

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.577+/-0.012 χ^2/NDF : 957699.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.907+/-0.013 χ^2/NDF : 1025528.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

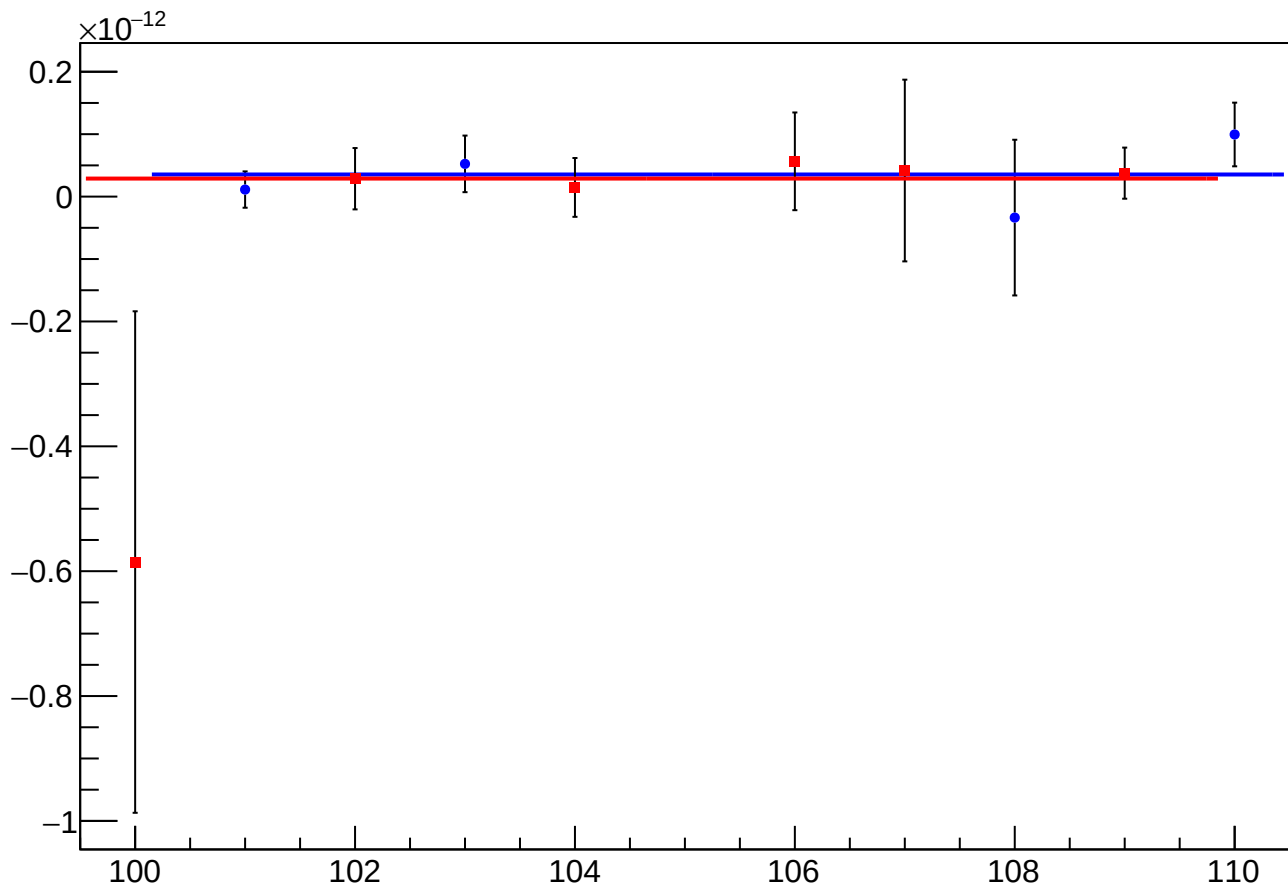
Right: 19.067+/-0.009 χ^2/NDF : 2017155.7/9

In: 17.577+/-0.012 χ^2/NDF : 957699.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.067+/-0.009 χ^2/NDF : 2017155.7/9

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

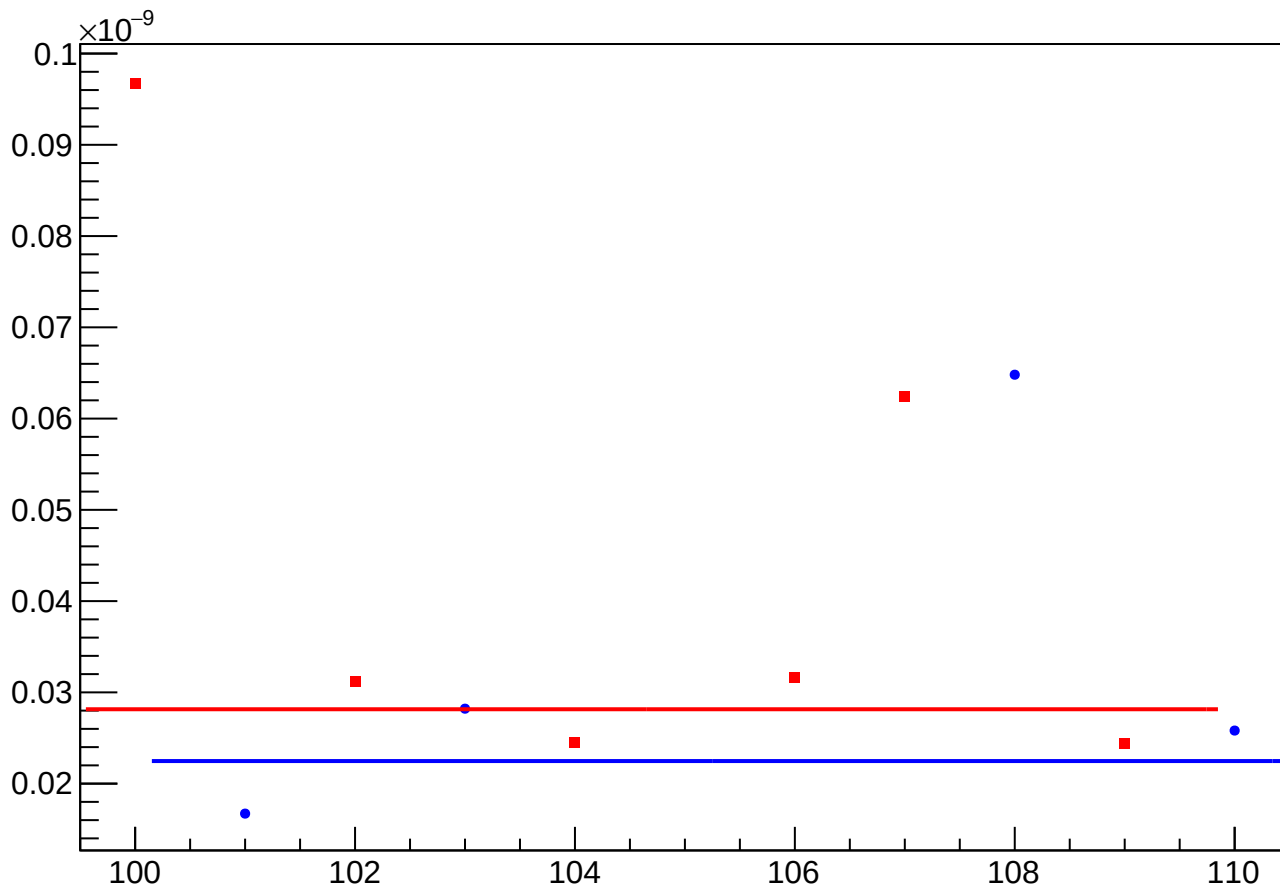
Right: 0.000+/-0.000 χ^2/NDF : 5.4/9

In: 0.000+/-0.000 χ^2/NDF : 2.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.4/9

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 349552.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 209899.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

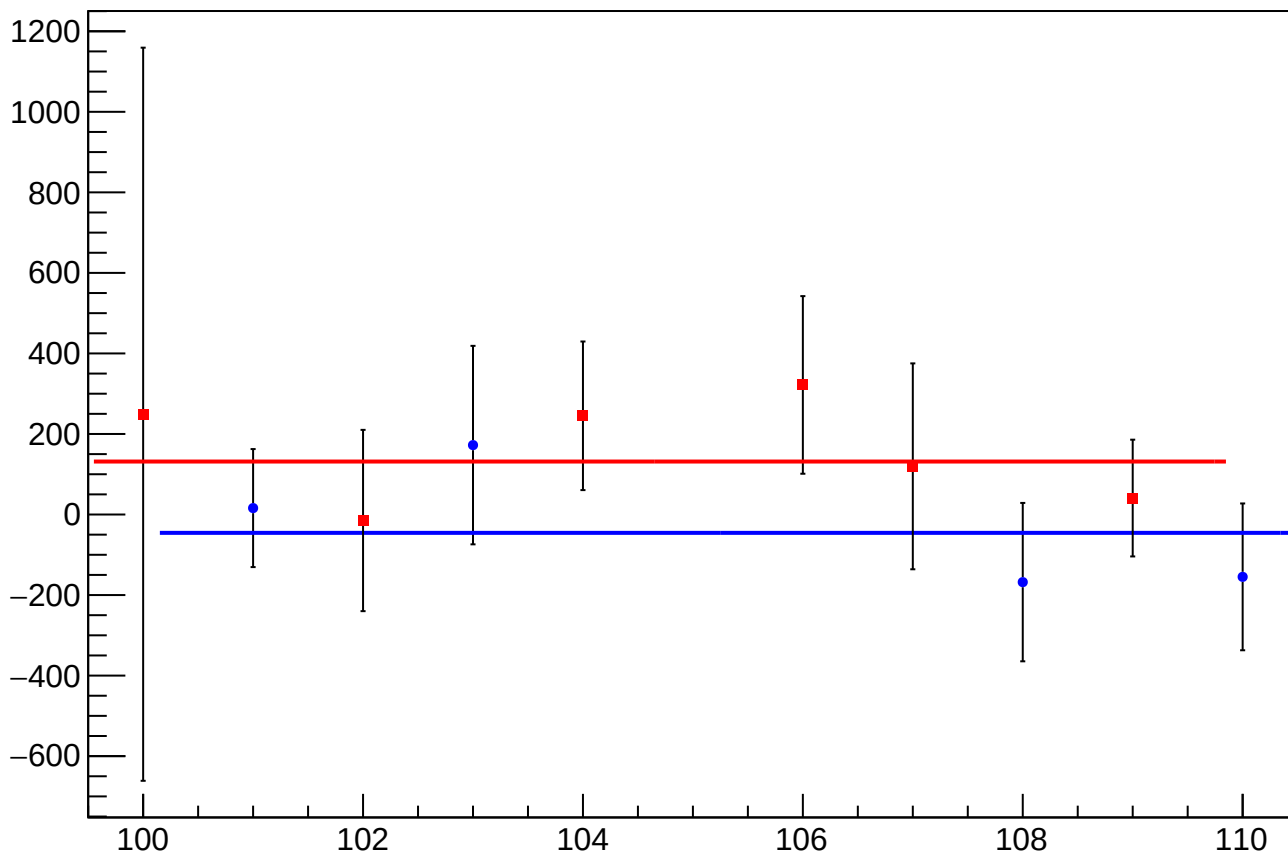
Right: 0.000+/-0.000 χ^2/NDF : 619781.5/9

In: 0.000+/-0.000 χ^2/NDF : 349552.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 619781.5/9

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -45.539 ± 91.677 χ^2/NDF : 1.7/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 131.565 ± 86.462 χ^2/NDF : 2.0/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

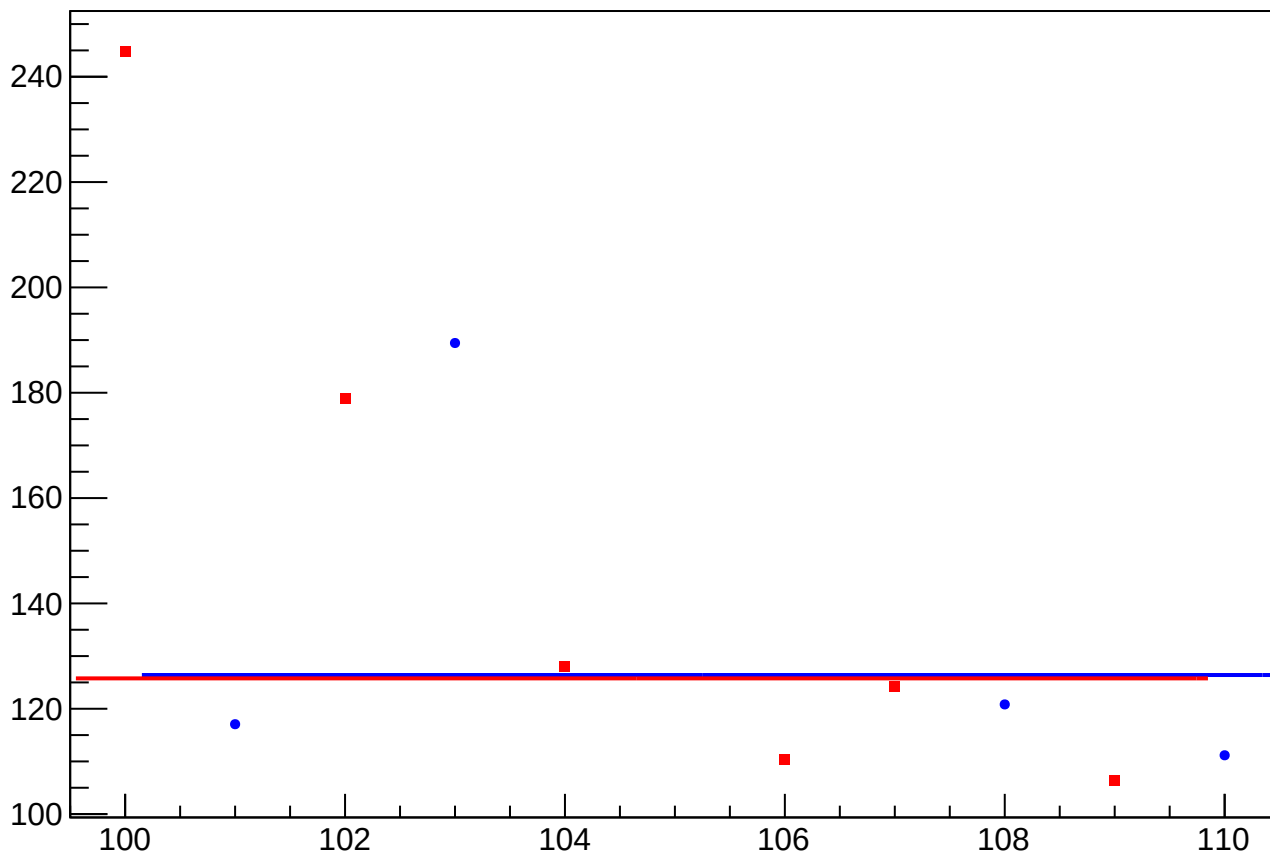
Right: 48.192 ± 62.901 χ^2/NDF : 5.6/9

In: -45.539 ± 91.677 χ^2/NDF : 1.7/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 48.192 ± 62.901 χ^2/NDF : 5.6/9

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 126.407+/-0.065 χ^2/NDF : 154572.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.767+/-0.061 χ^2/NDF : 191528.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

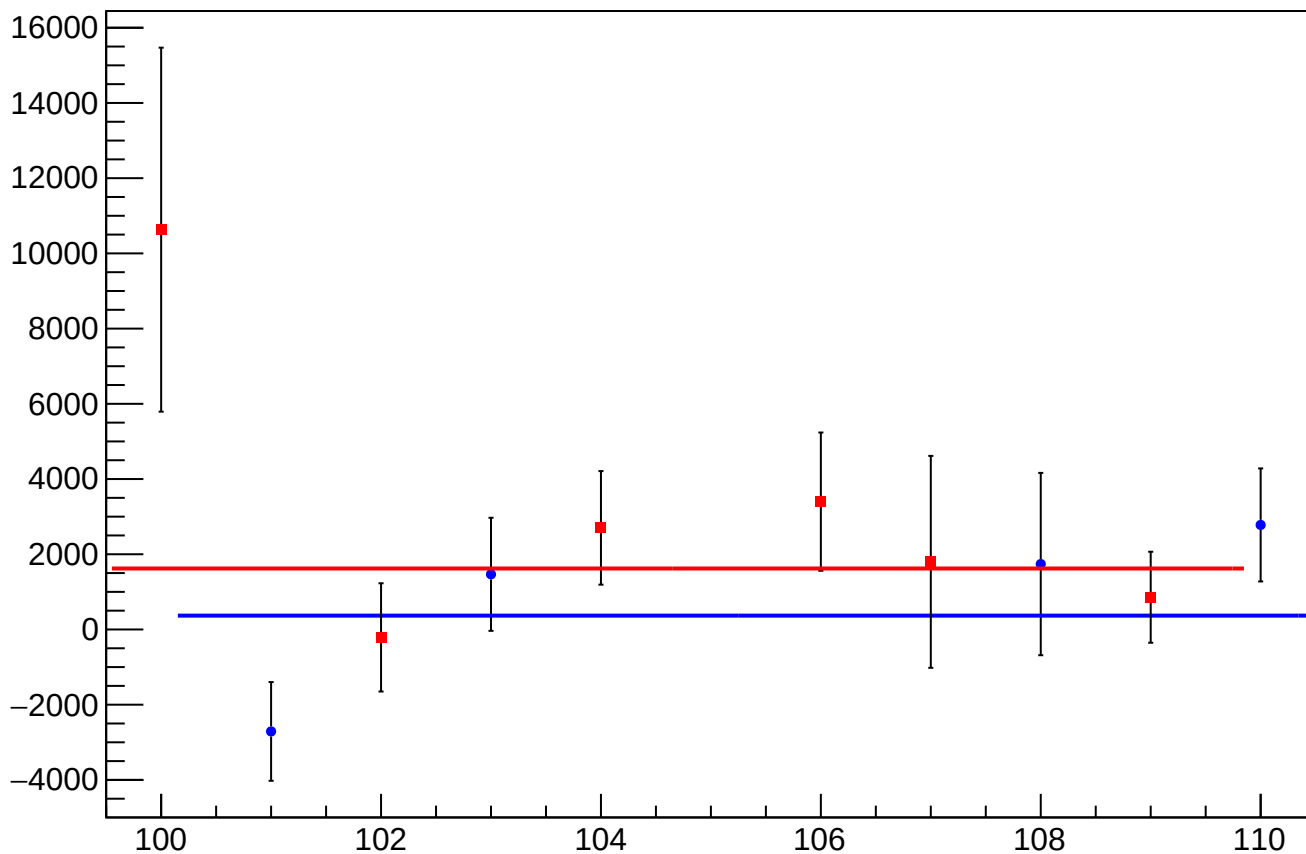
Right: 126.068+/-0.044 χ^2/NDF : 346152.5/9

In: 126.407+/-0.065 χ^2/NDF : 154572.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.068+/-0.044 χ^2/NDF : 346152.5/9

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 368.312+/-781.854 χ^2/NDF : 8.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1621.528+/-695.167 χ^2/NDF : 6.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

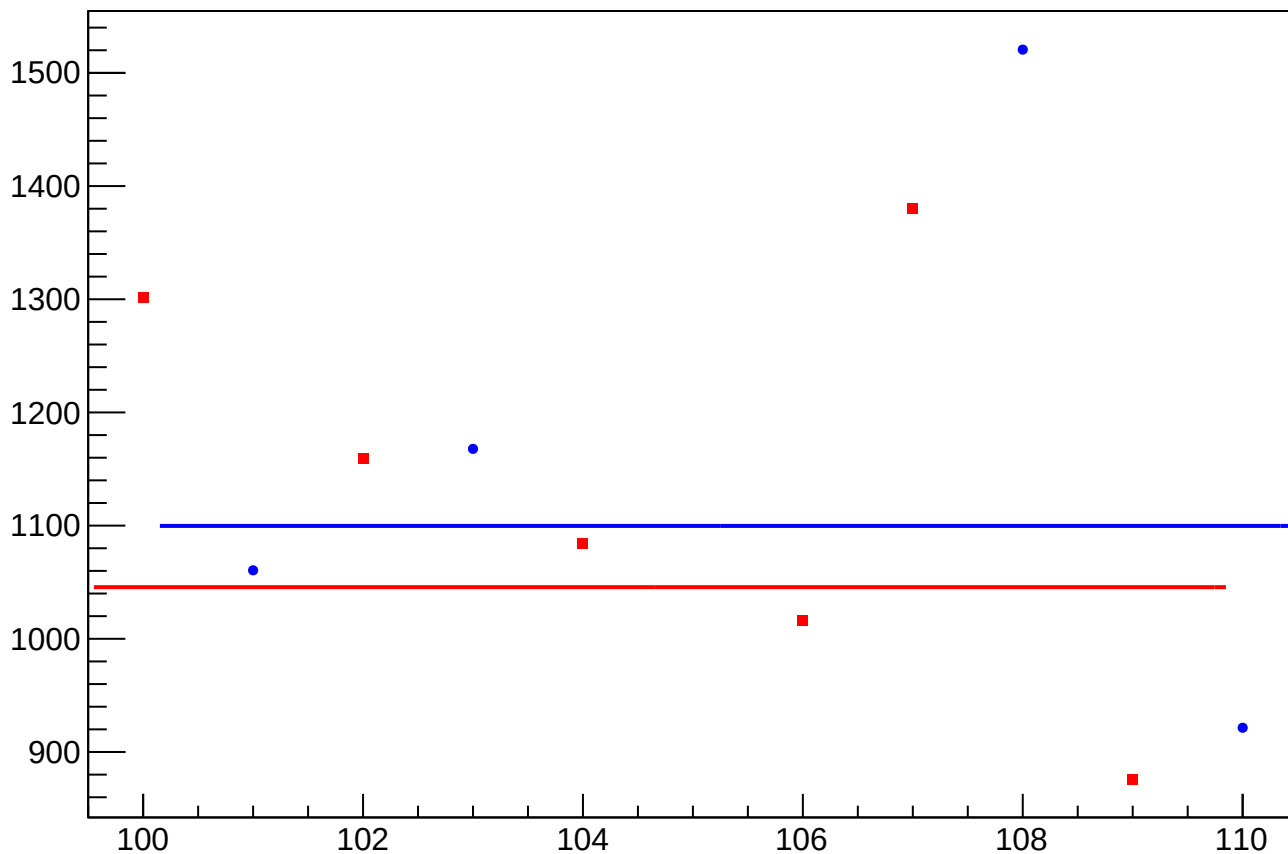
Right: 1068.219+/-519.513 χ^2/NDF : 17.3/9

In: 368.312+/-781.854 χ^2/NDF : 8.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.219+/-519.513 χ^2/NDF : 17.3/9

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1099.739+/-0.553 χ^2/NDF : 94328.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1045.618+/-0.492 χ^2/NDF : 87768.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

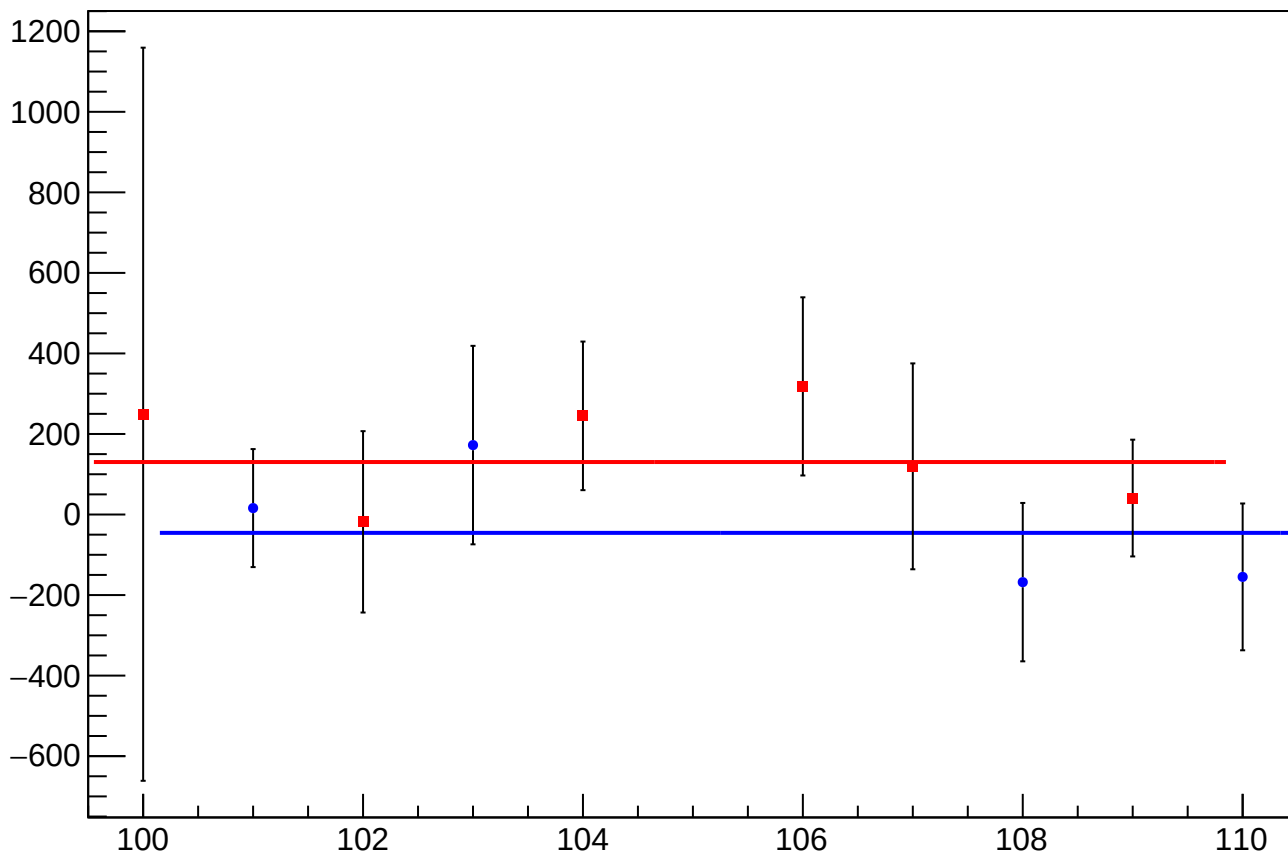
Right: 1069.513+/-0.367 χ^2/NDF : 187448.9/9

In: 1099.739+/-0.553 χ^2/NDF : 94328.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.513+/-0.367 χ^2/NDF : 187448.9/9

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -45.554+/-91.677 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.347+/-86.510 χ^2/NDF : 1.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

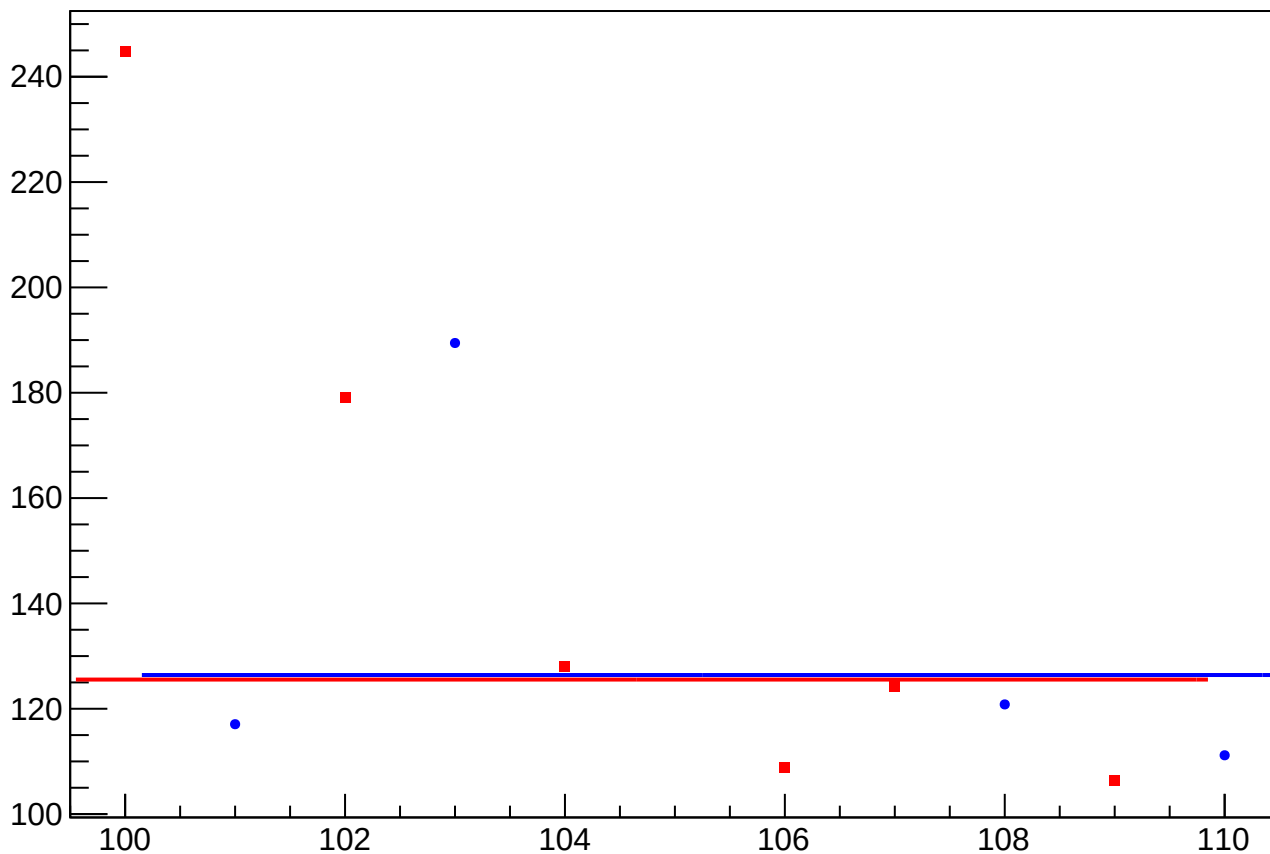
Right: 47.493+/-62.919 χ^2/NDF : 5.6/9

In: -45.554+/-91.677 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.493+/-62.919 χ^2/NDF : 5.6/9

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 126.407 $\pm$ 0.065 χ^2 /NDF: 154575.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.542 $\pm$ 0.061 χ^2 /NDF: 193794.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

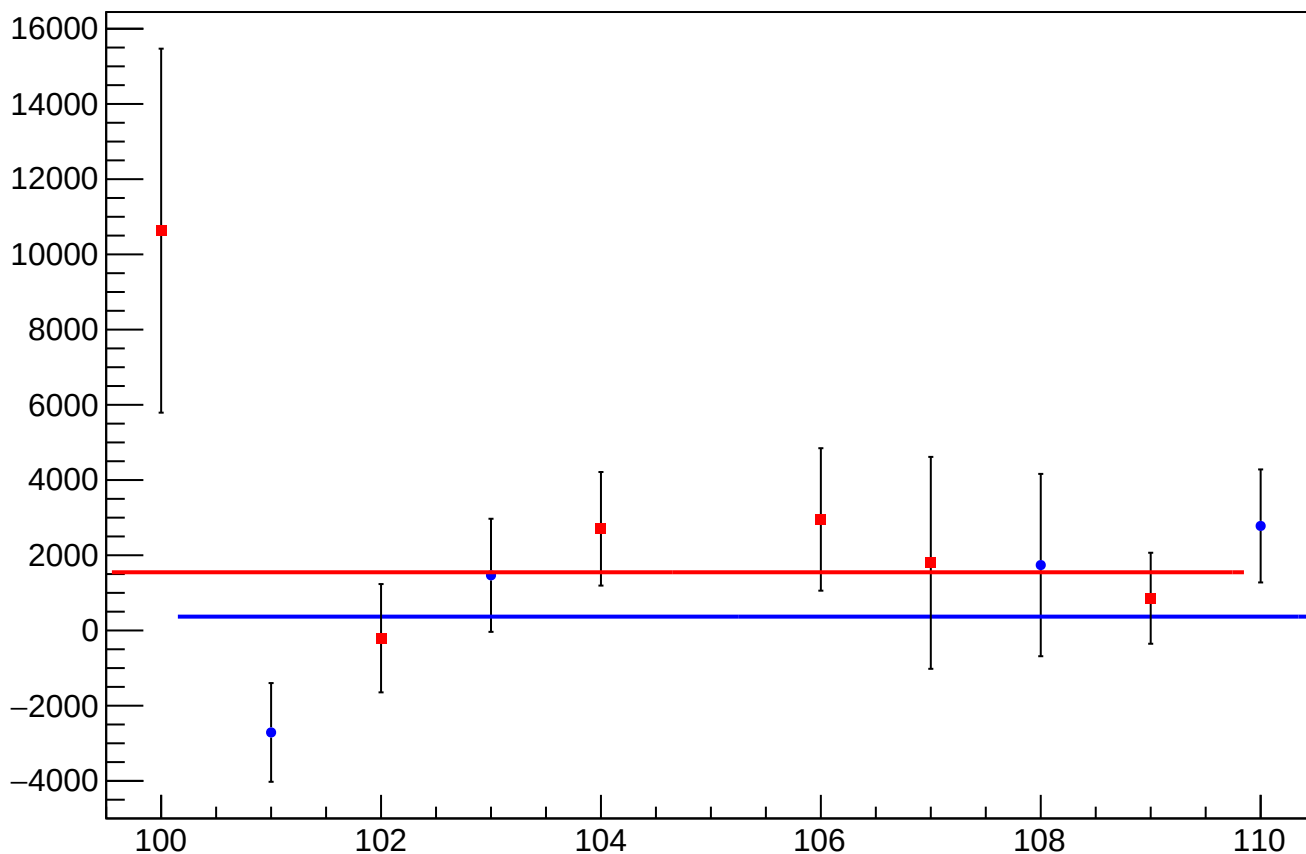
Right: 125.949 $\pm$ 0.044 χ^2 /NDF: 348464.5/9

In: 126.407 $\pm$ 0.065 χ^2 /NDF:154575.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.949 $\pm$ 0.044 χ^2 /NDF: 348464.5/9

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 368.174+/-781.872 χ^2/NDF : 8.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1547.732+/-698.197 χ^2/NDF : 6.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

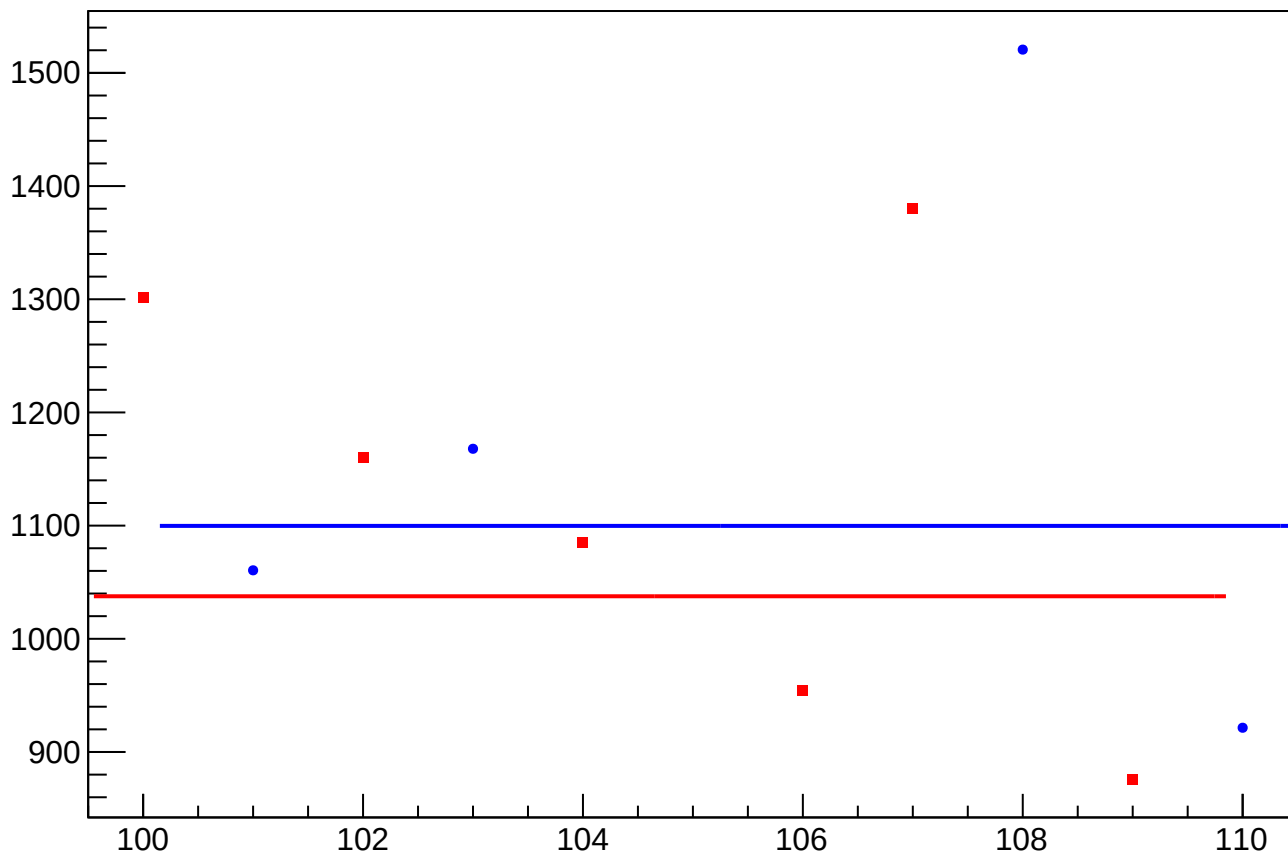
Right: 1024.427+/-520.779 χ^2/NDF : 16.7/9

In: 368.174+/-781.872 χ^2/NDF : 8.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1024.427+/-520.779 χ^2/NDF : 16.7/9

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1099.763+/-0.553 χ^2/NDF : 94339.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1037.582+/-0.494 χ^2/NDF : 91774.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

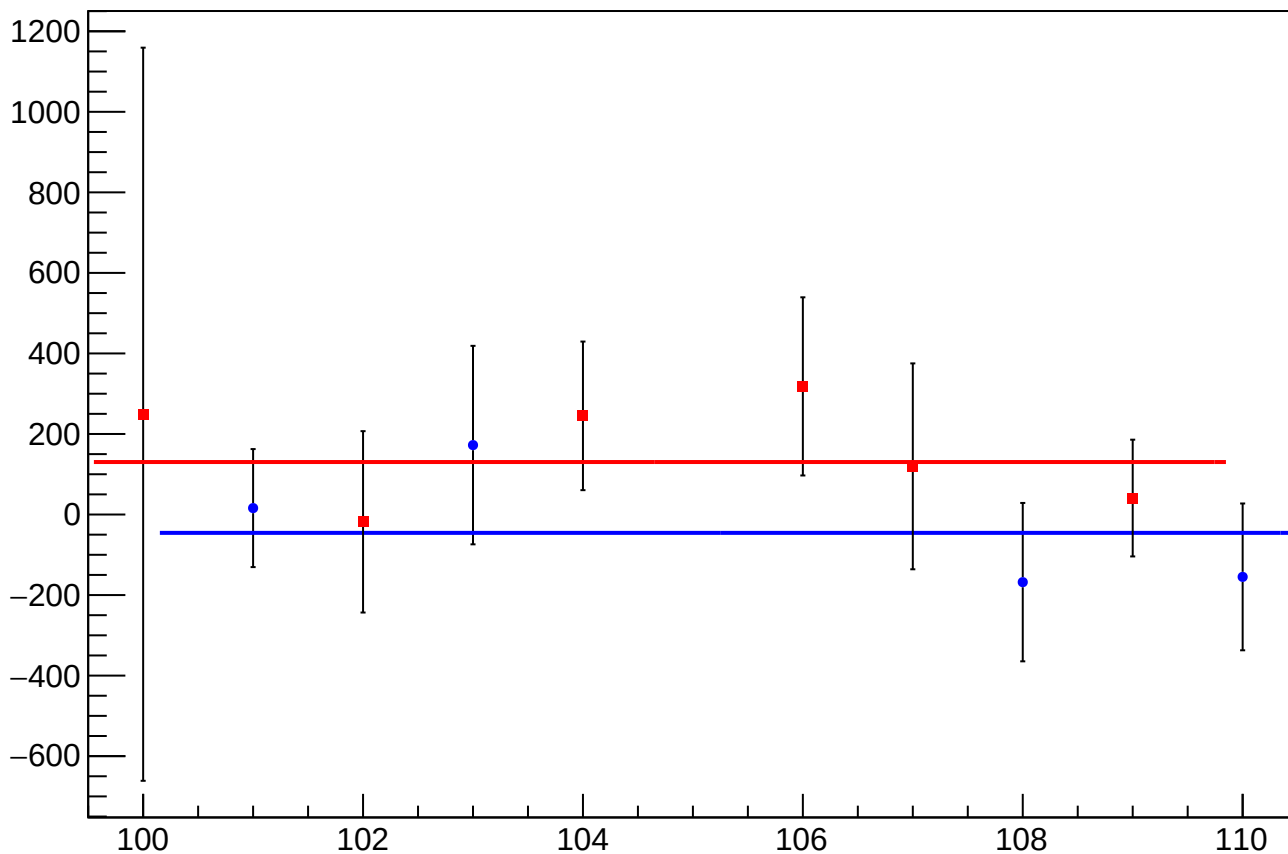
Right: 1065.169+/-0.368 χ^2/NDF : 193151.6/9

In: 1099.763+/-0.553 χ^2/NDF : 94339.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1065.169+/-0.368 χ^2/NDF : 193151.6/9

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -45.554+/-91.677 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.347+/-86.510 χ^2/NDF : 1.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

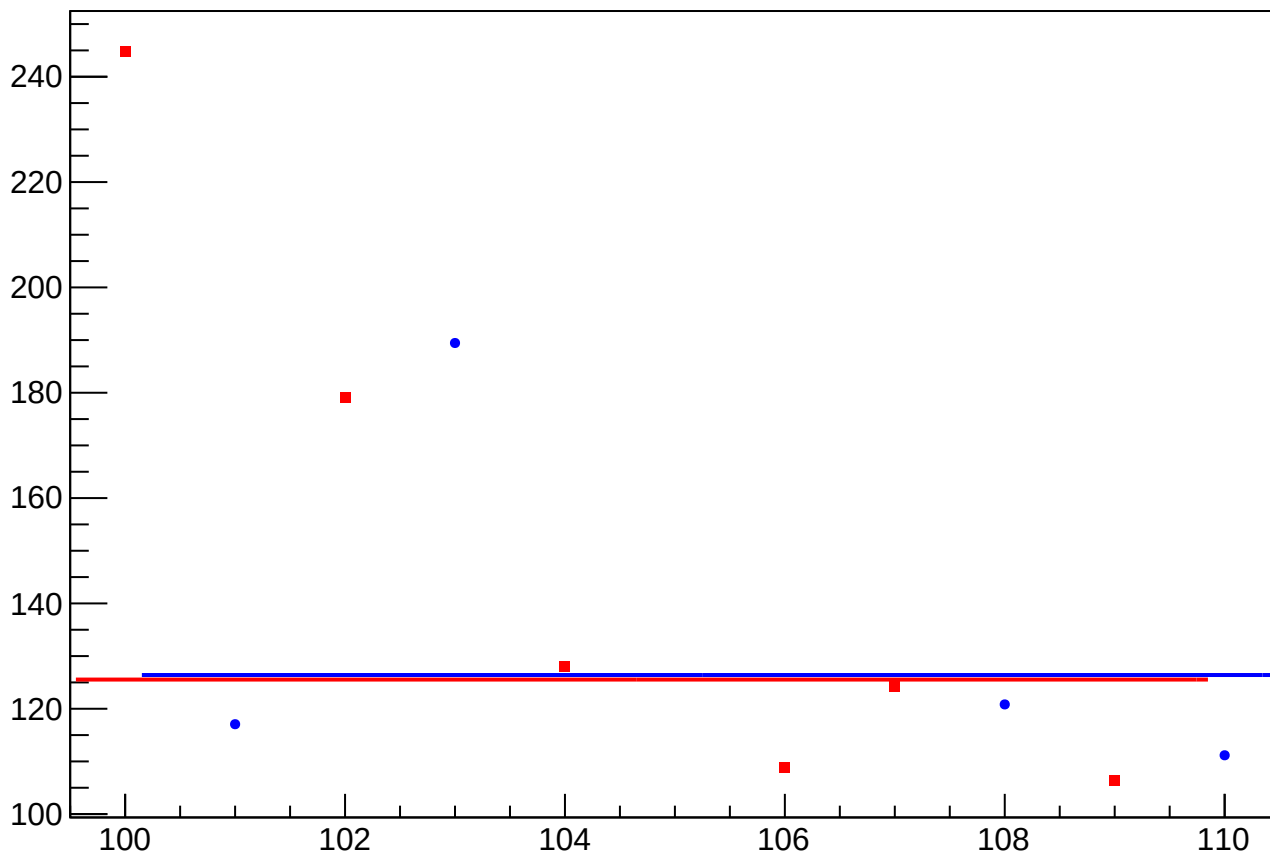
Right: 47.493+/-62.919 χ^2/NDF : 5.6/9

In: -45.554+/-91.677 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.493+/-62.919 χ^2/NDF : 5.6/9

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 126.407+/-0.065 χ^2/NDF : 154575.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.542+/-0.061 χ^2/NDF : 193794.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

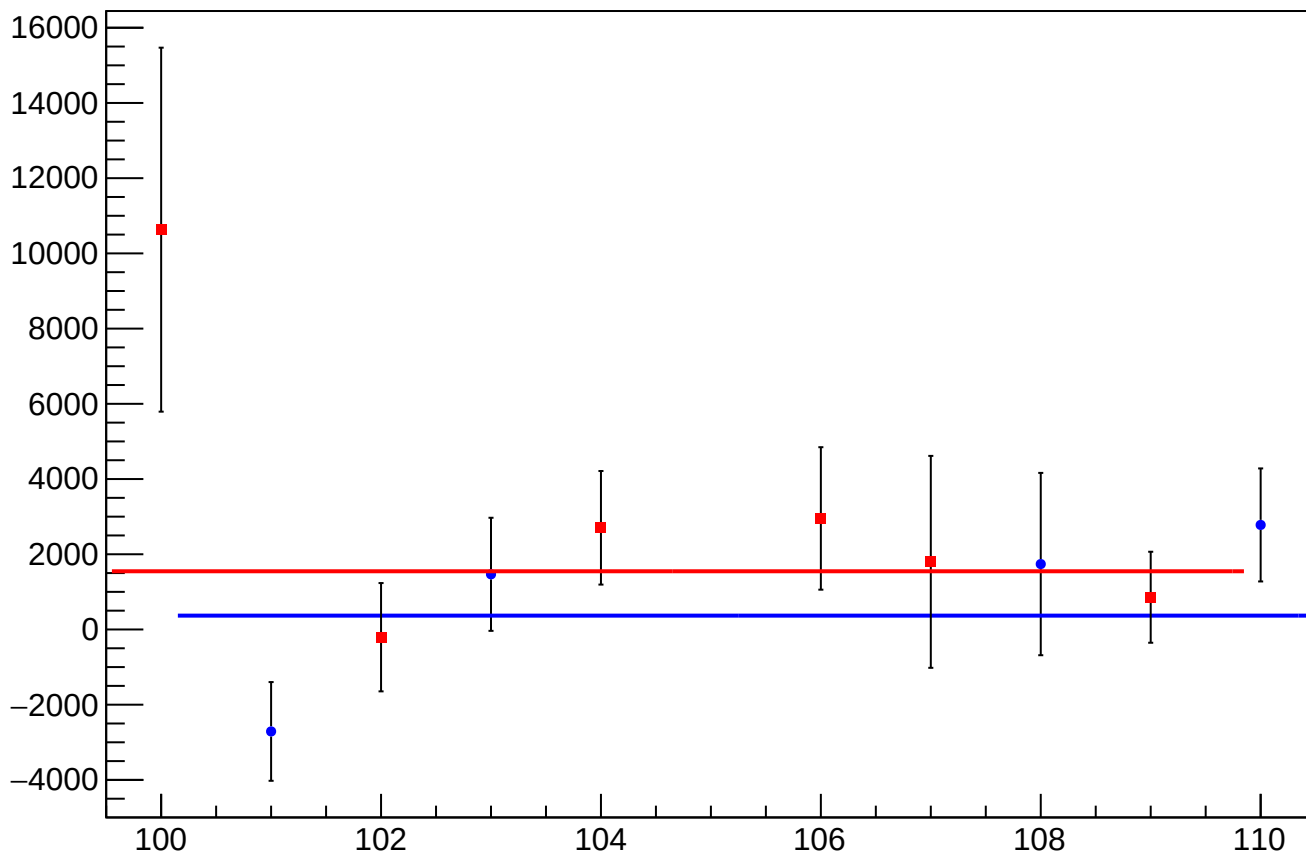
Right: 125.949+/-0.044 χ^2/NDF : 348464.5/9

In: 126.407+/-0.065 χ^2/NDF : 154575.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.949+/-0.044 χ^2/NDF : 348464.5/9

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 368.174+/-781.872 χ^2/NDF : 8.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1547.732+/-698.197 χ^2/NDF : 6.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

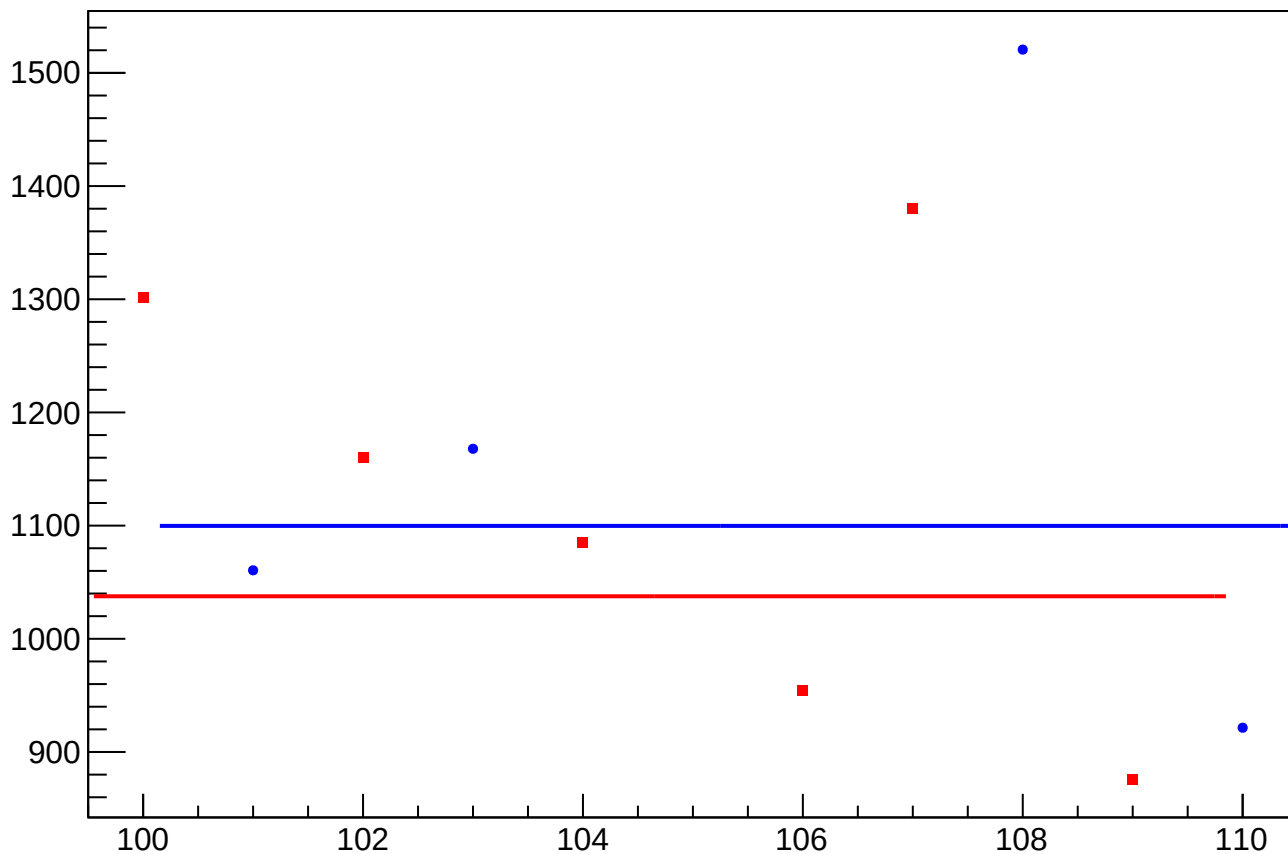
Right: 1024.427+/-520.779 χ^2/NDF : 16.7/9

In: 368.174+/-781.872 χ^2/NDF : 8.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1024.427+/-520.779 χ^2/NDF : 16.7/9

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1099.763+/-0.553 χ^2/NDF : 94339.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1037.582+/-0.494 χ^2/NDF : 91774.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

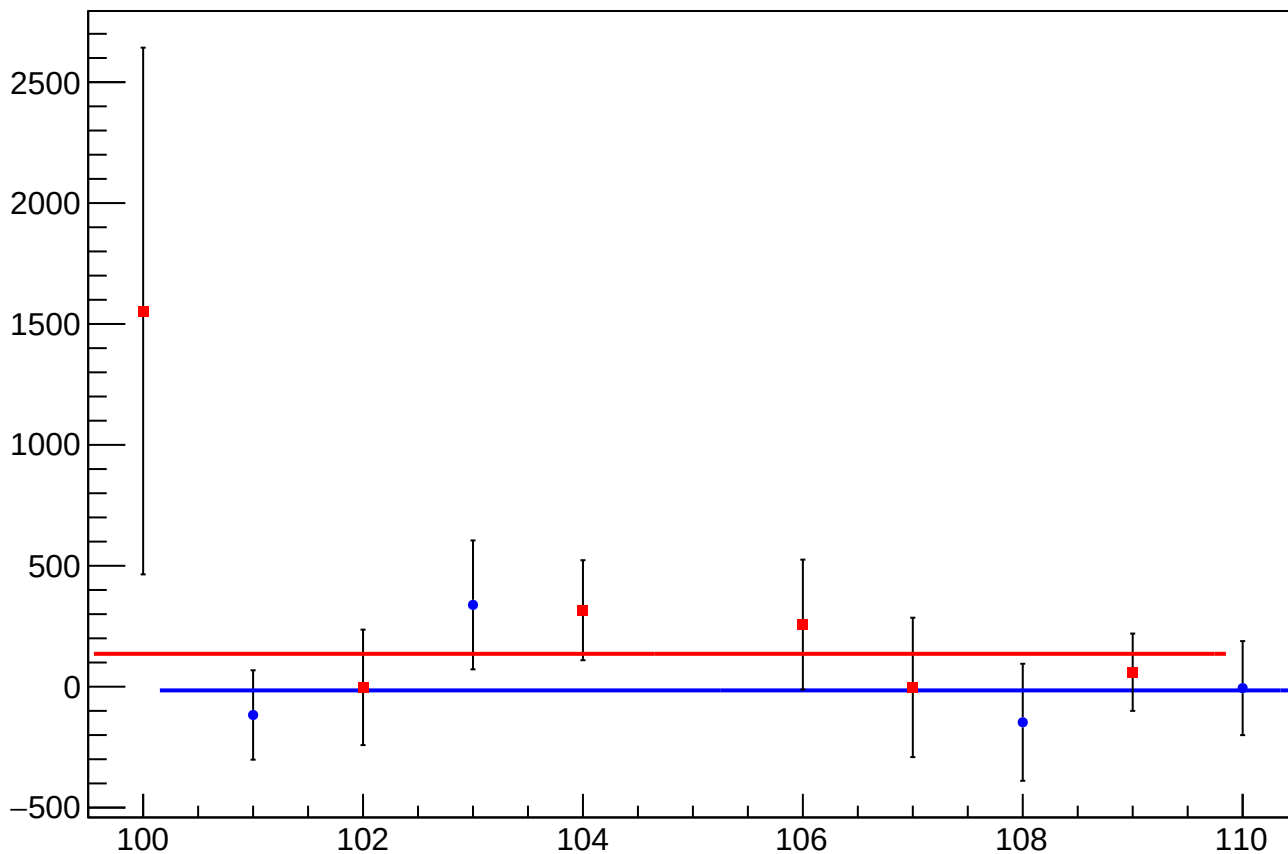
Right: 1065.169+/-0.368 χ^2/NDF : 193151.6/9

In: 1099.763+/-0.553 χ^2/NDF : 94339.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1065.169+/-0.368 χ^2/NDF : 193151.6/9

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -15.336 ± 107.276 χ^2/NDF : 2.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 135.933 ± 96.758 χ^2/NDF : 3.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

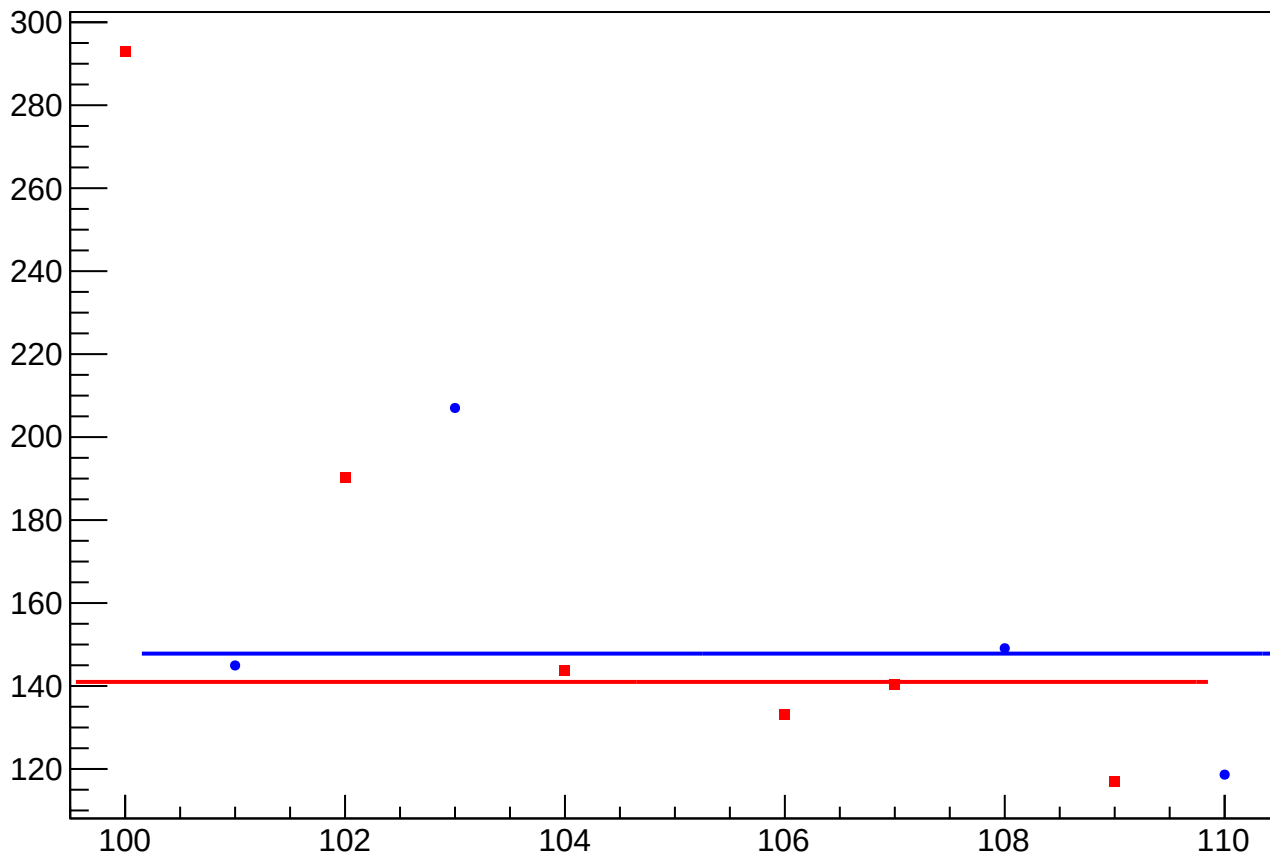
Right: 68.076 ± 71.850 χ^2/NDF : 6.9/9

In: -15.336 ± 107.276 χ^2/NDF : 2.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 68.076 ± 71.850 χ^2/NDF : 6.9/9

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 147.811 $\pm$ 0.076 χ^2 /NDF: 144270.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 140.986 $\pm$ 0.068 χ^2 /NDF: 170961.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

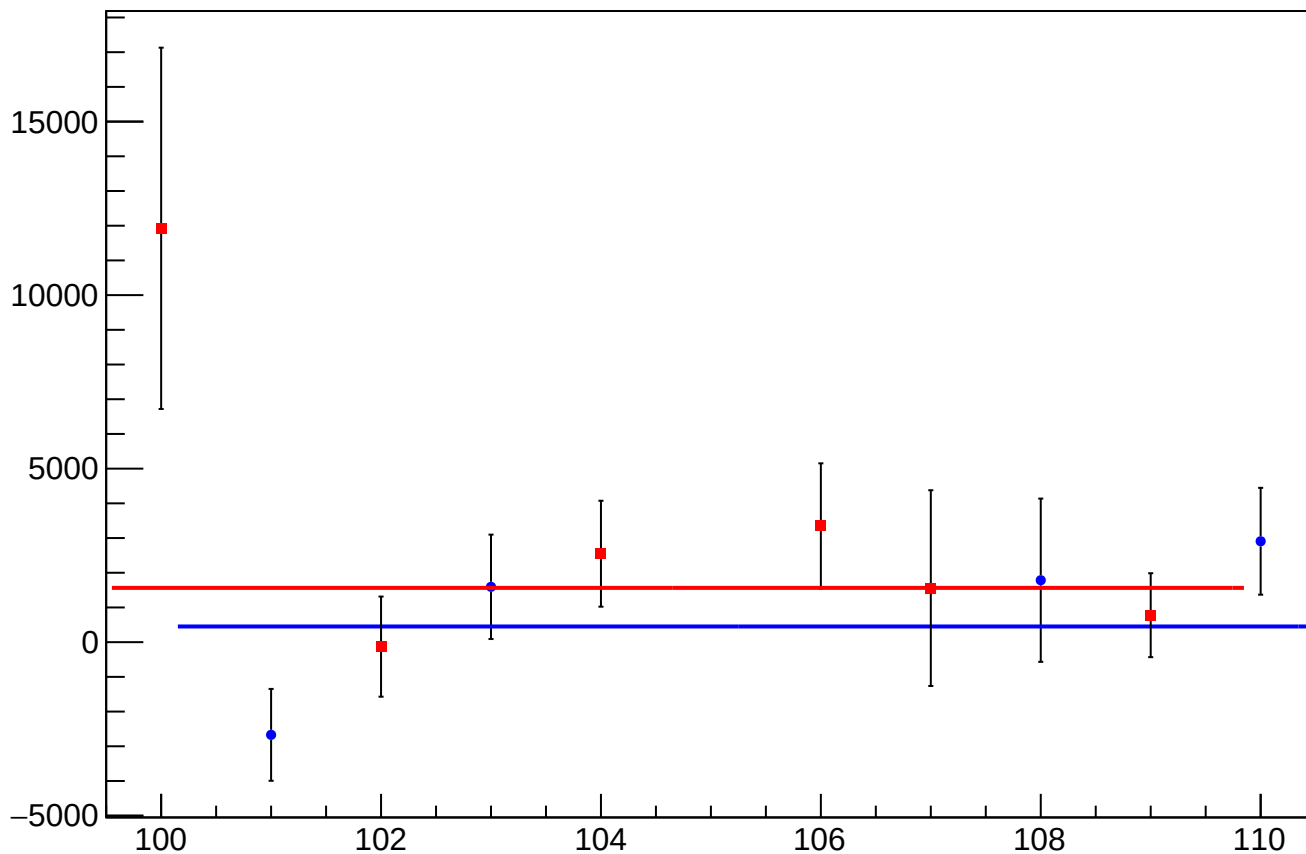
Right: 144.048 $\pm$ 0.051 χ^2 /NDF: 319695.5/9

In: 147.811 $\pm$ 0.076 χ^2 /NDF:144270.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 144.048 $\pm$ 0.051 χ^2 /NDF: 319695.5/9

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 452.072+/-786.745 χ^2/NDF : 9.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.390+/-696.089 χ^2/NDF : 7.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

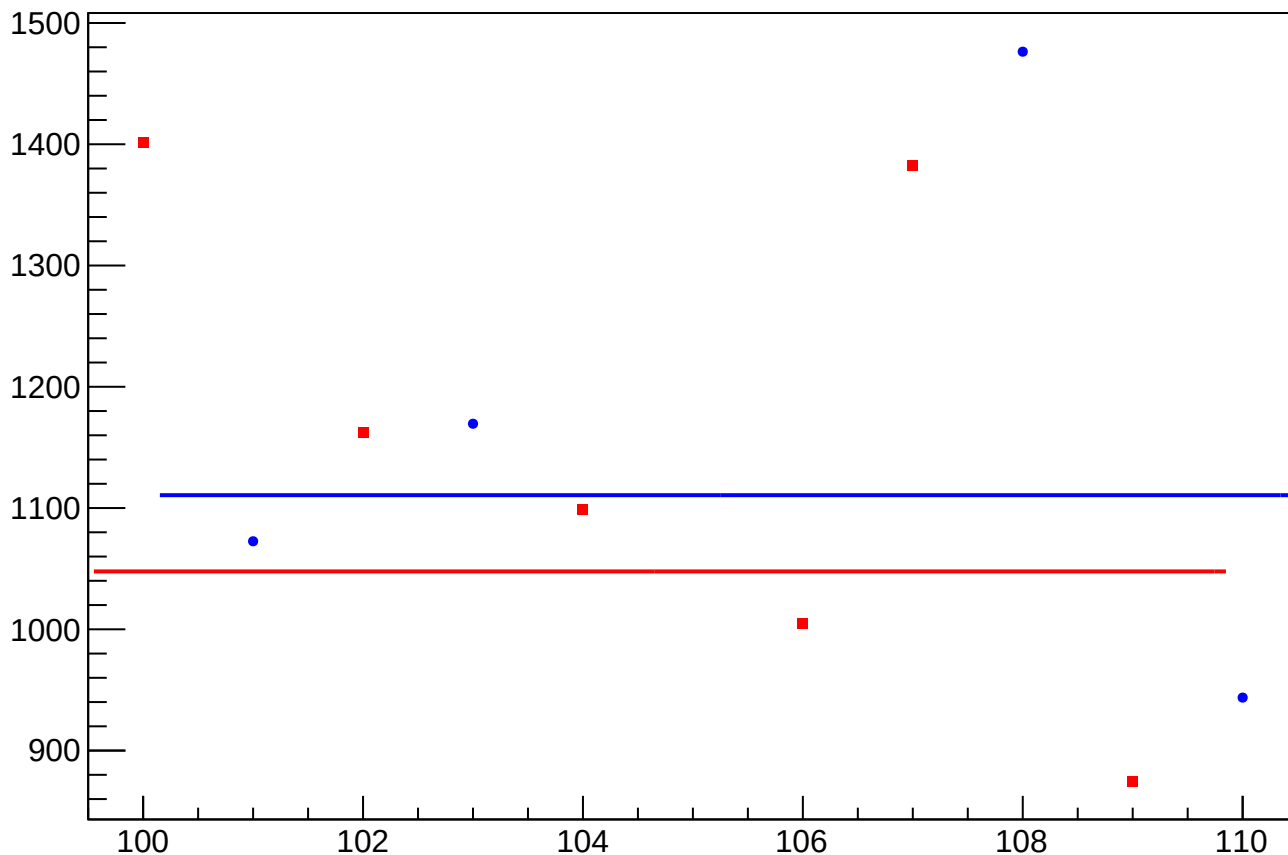
Right: 1075.982+/-521.328 χ^2/NDF : 17.3/9

In: 452.072+/-786.745 χ^2/NDF : 9.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1075.982+/-521.328 χ^2/NDF : 17.3/9

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1110.605 $\pm$ 0.556 χ^2 /NDF: 76596.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1047.730 $\pm$ 0.492 χ^2 /NDF: 94530.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

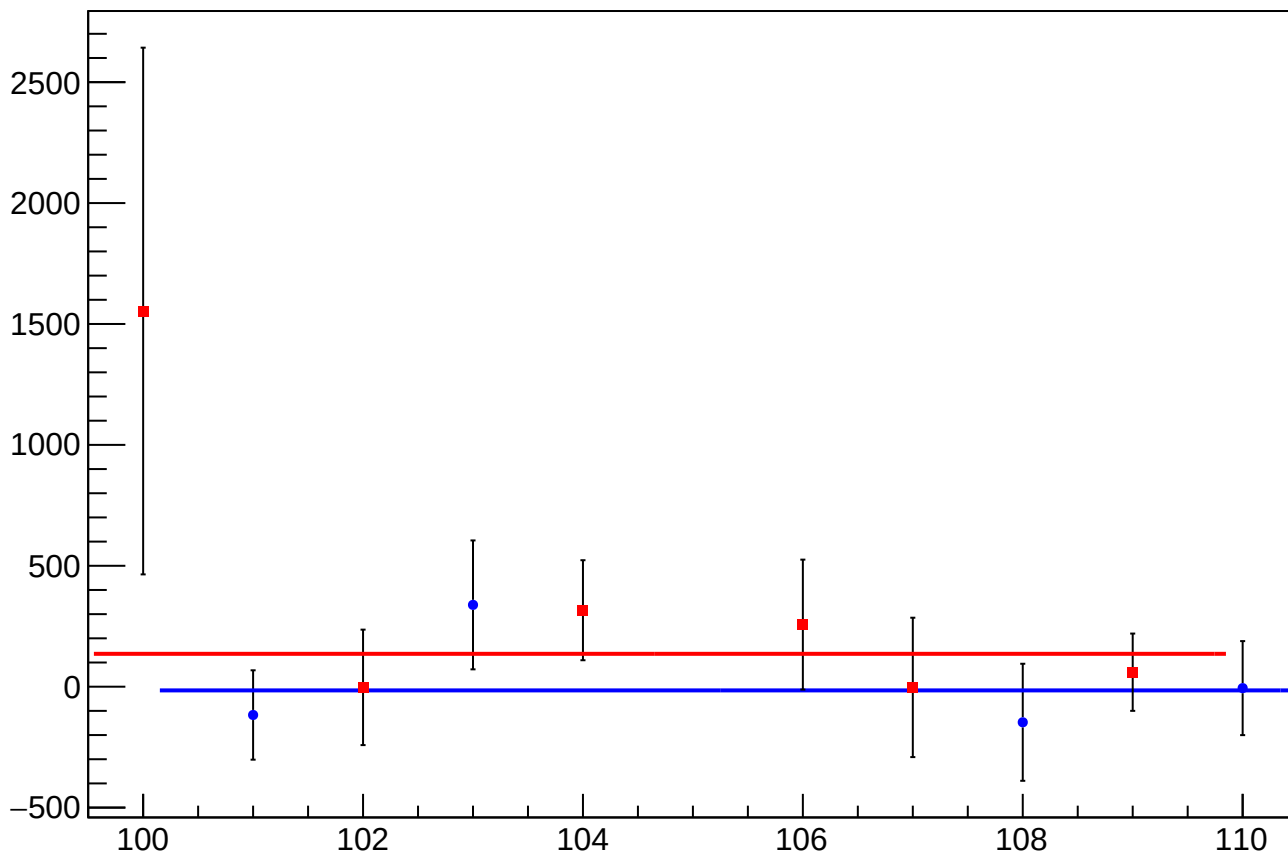
Right: 1075.338 $\pm$ 0.369 χ^2 /NDF: 178291.8/9

In: 1110.605 $\pm$ 0.556 χ^2 /NDF:76596.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1075.338 $\pm$ 0.369 χ^2 /NDF: 178291.8/9

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -15.335 ± 107.276 χ^2/NDF : 2.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 135.932 ± 96.758 χ^2/NDF : 3.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

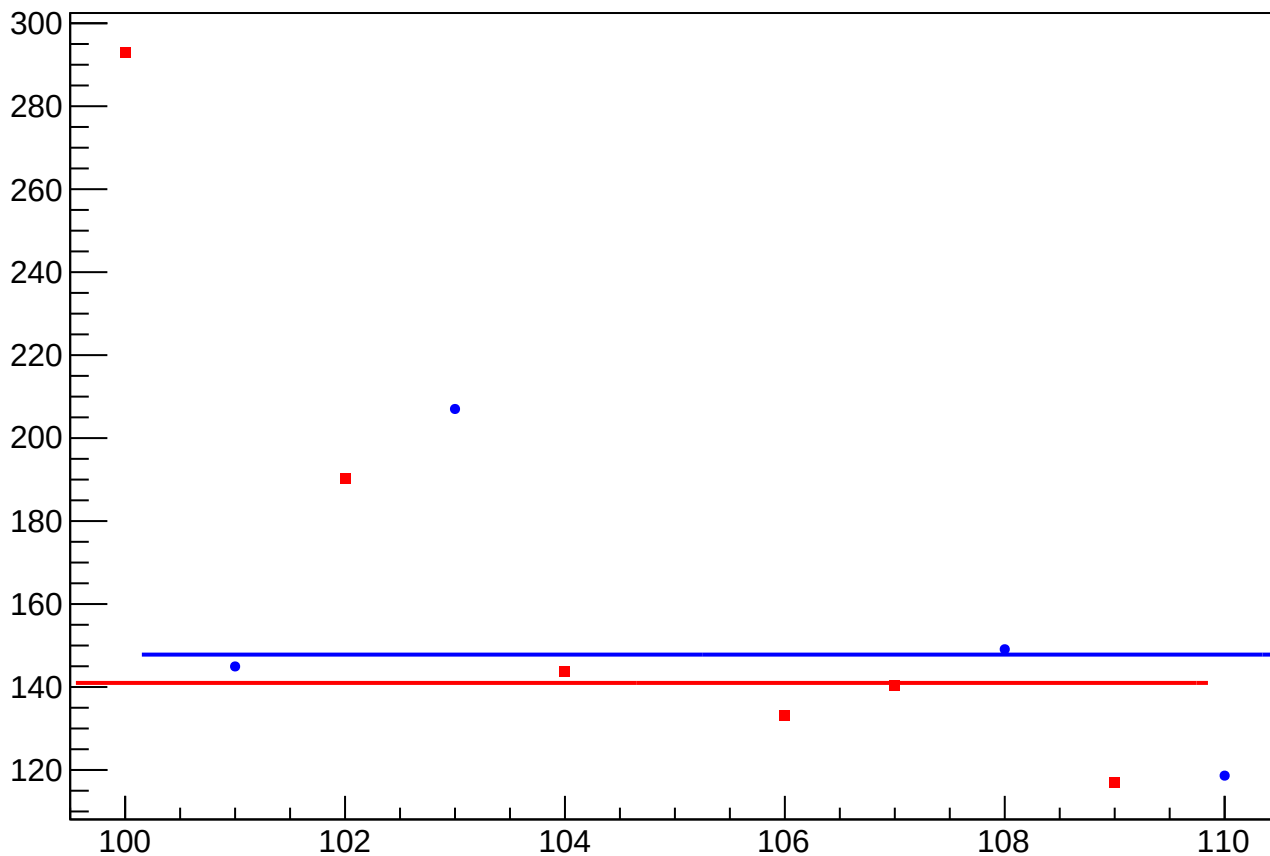
Right: 68.076 ± 71.850 χ^2/NDF : 6.9/9

In: -15.335 ± 107.276 χ^2/NDF : 2.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 68.076 ± 71.850 χ^2/NDF : 6.9/9

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 147.811+/-0.076 χ^2/NDF : 144272.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.986+/-0.068 χ^2/NDF : 170960.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

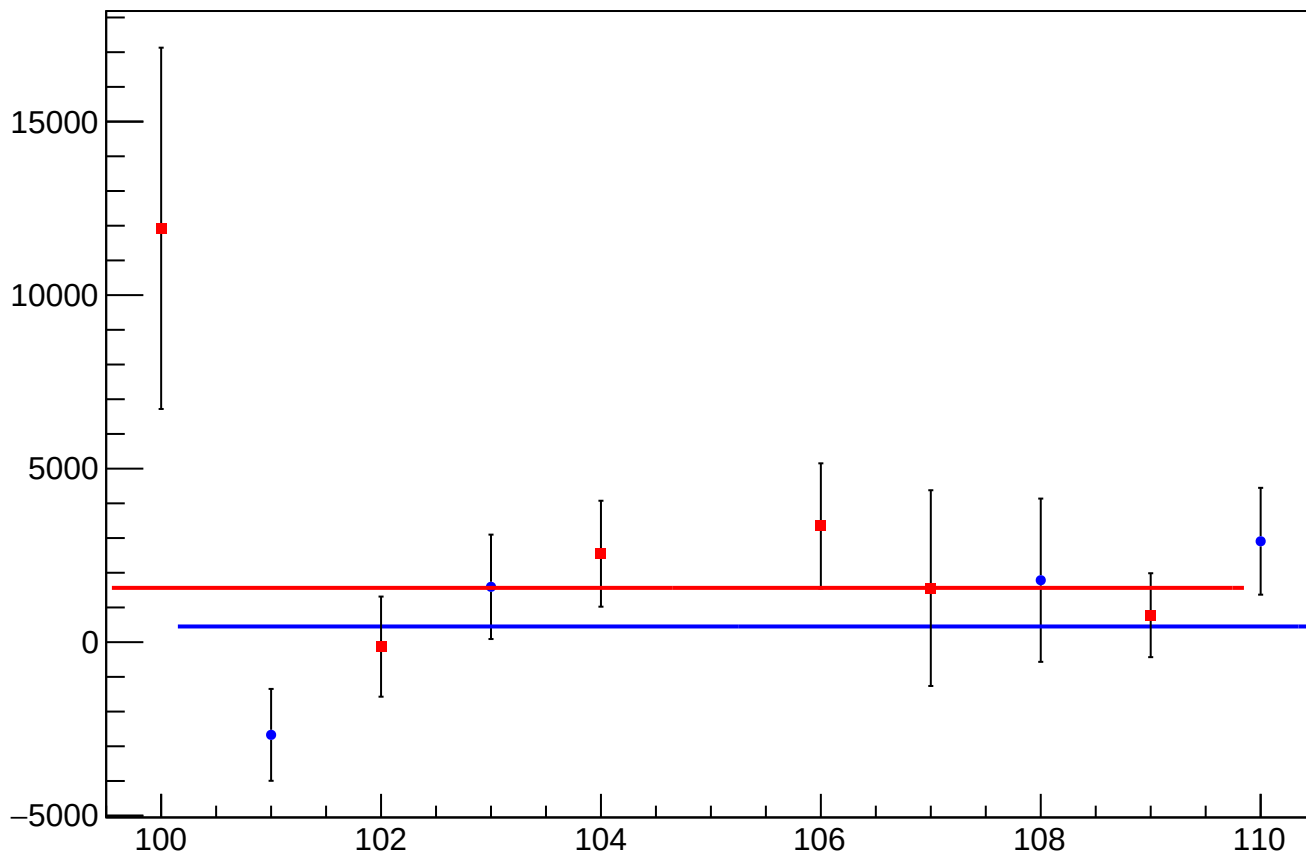
Right: 144.048+/-0.051 χ^2/NDF : 319696.4/9

In: 147.811+/-0.076 χ^2/NDF : 144272.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.048+/-0.051 χ^2/NDF : 319696.4/9

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 452.072+/-786.745 χ^2 /NDF: 9.0/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1564.389+/-696.089 χ^2 /NDF: 7.2/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

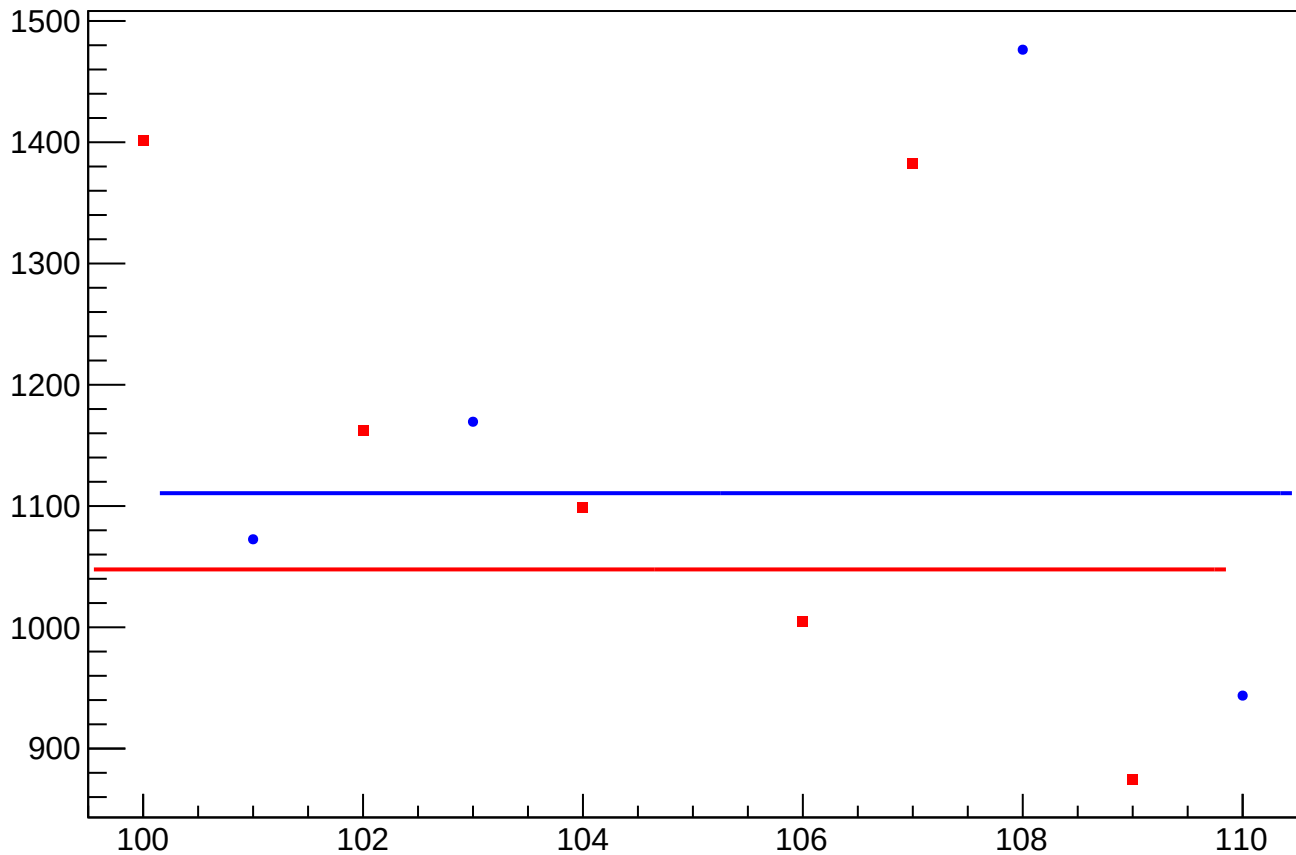
Right: 1075.981+/-521.328 χ^2 /NDF: 17.3/9

In: 452.072+/-786.745 χ^2 /NDF:9.0/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1075.981+/-521.328 χ^2 /NDF: 17.3/9

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1110.604 $\pm$ 0.556 χ^2 /NDF: 76596.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1047.729 $\pm$ 0.492 χ^2 /NDF: 94531.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

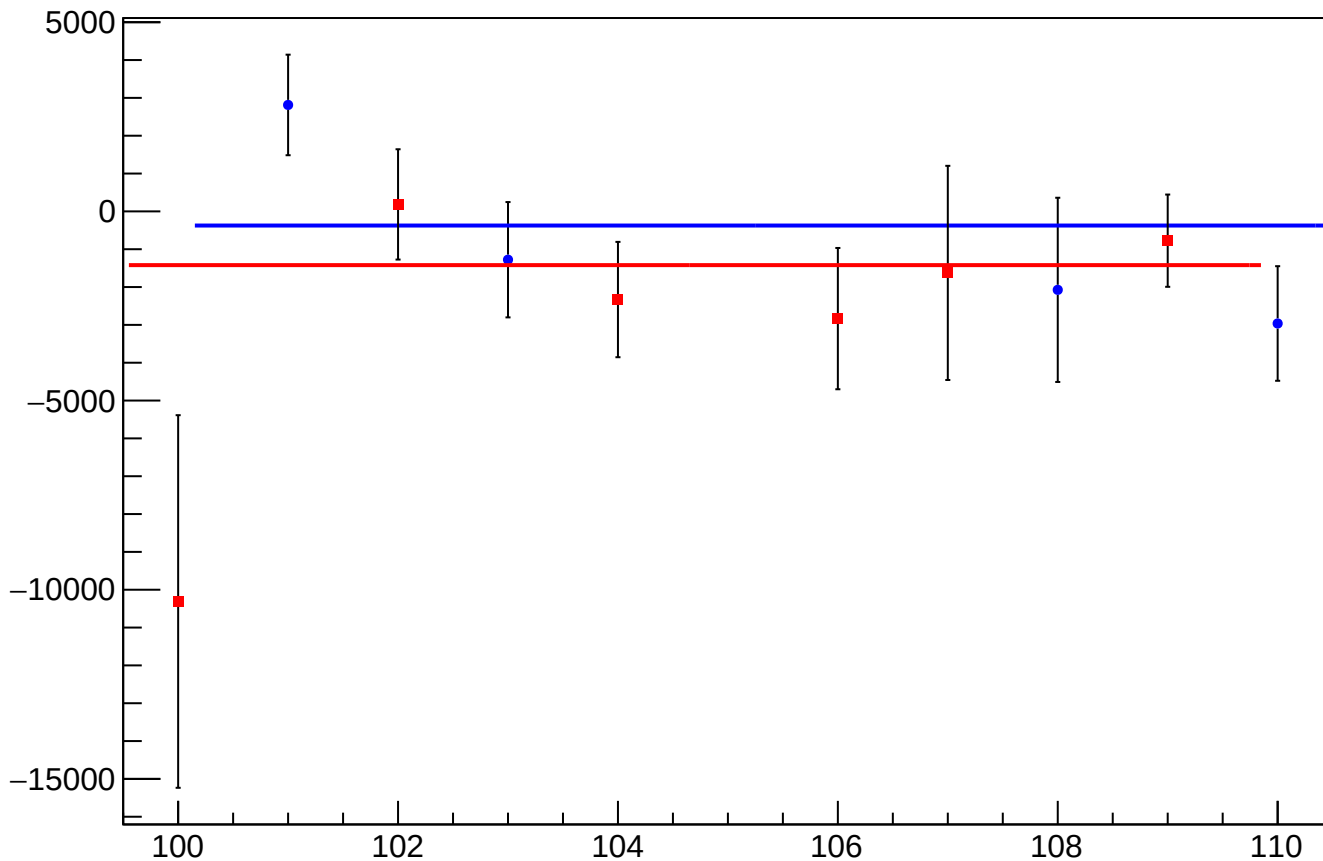
Right: 1075.337 $\pm$ 0.369 χ^2 /NDF: 178292.7/9

In: 1110.604 $\pm$ 0.556 χ^2 /NDF: 76596.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1075.337 $\pm$ 0.369 χ^2 /NDF: 178292.7/9

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -374.025+/-790.200 χ^2/NDF : 9.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1420.423+/-702.453 χ^2/NDF : 5.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

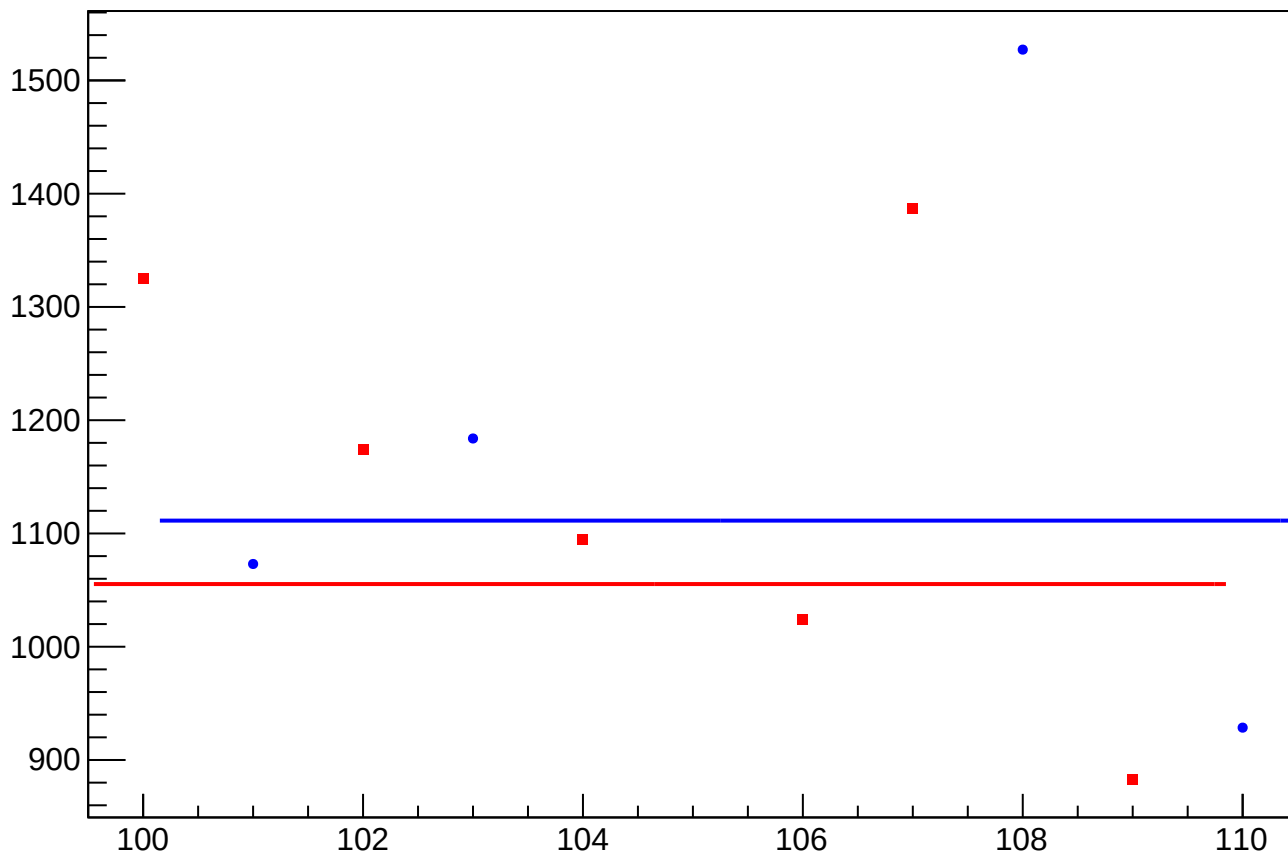
Right: -958.525+/-525.002 χ^2/NDF : 16.2/9

In: -374.025+/-790.200 χ^2/NDF : 9.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -958.525+/-525.002 χ^2/NDF : 16.2/9

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1111.347+/-0.559 χ^2/NDF : 93681.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1055.335+/-0.497 χ^2/NDF : 88739.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

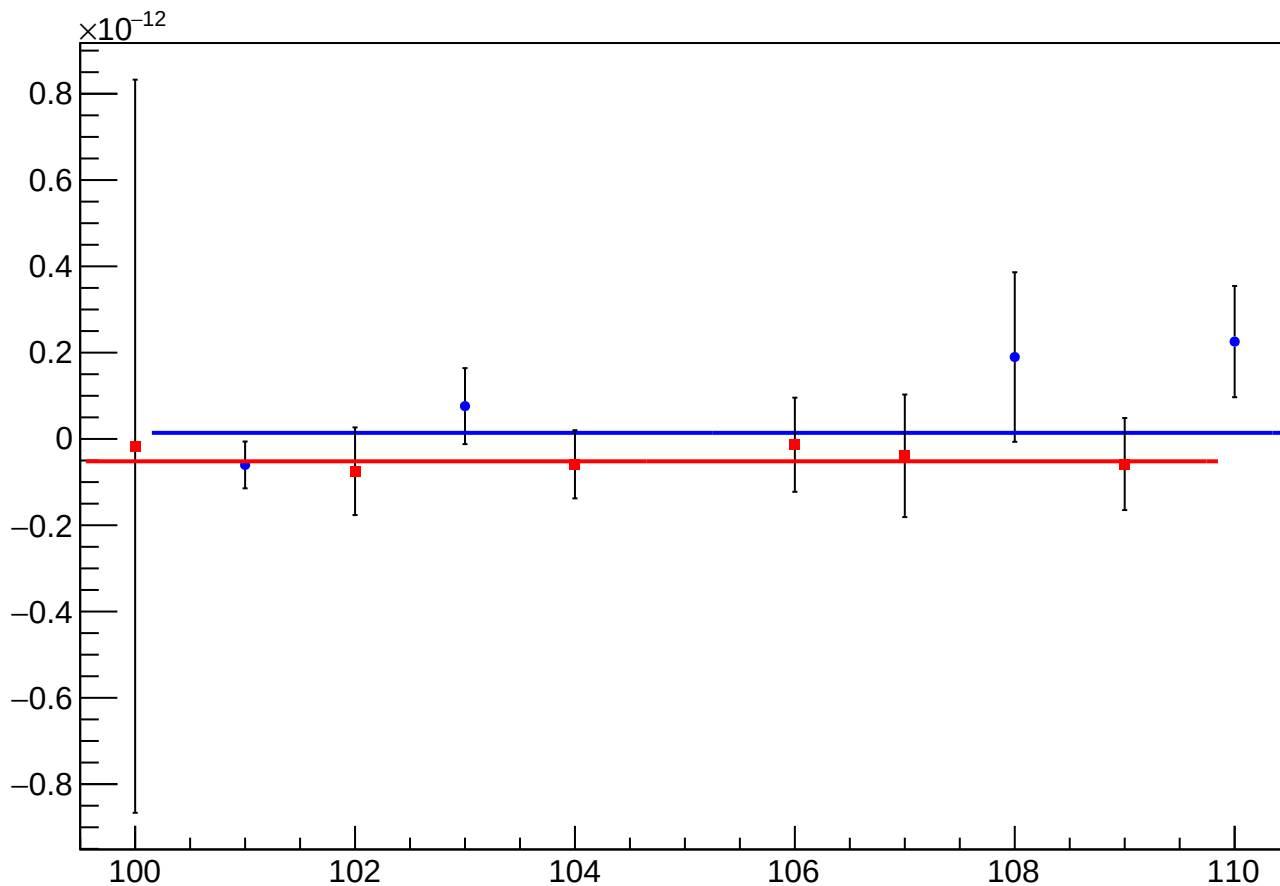
Right: 1080.060+/-0.371 χ^2/NDF : 188034.5/9

In: 1111.347+/-0.559 χ^2/NDF : 93681.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1080.060+/-0.371 χ^2/NDF : 188034.5/9

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

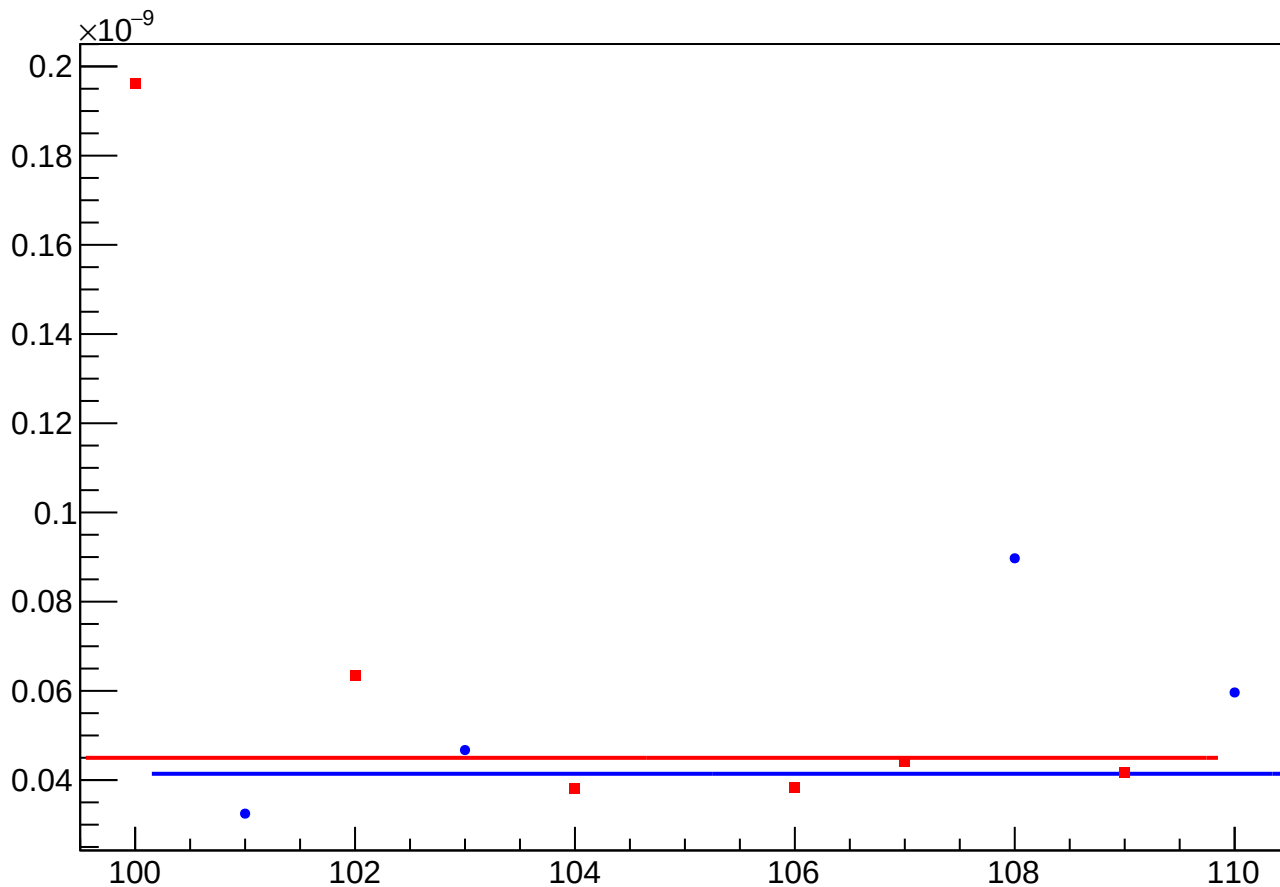
Right: -0.000+/-0.000 χ^2/NDF : 7.2/9

In: 0.000+/-0.000 χ^2/NDF : 5.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.2/9

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 222439.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 154656.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

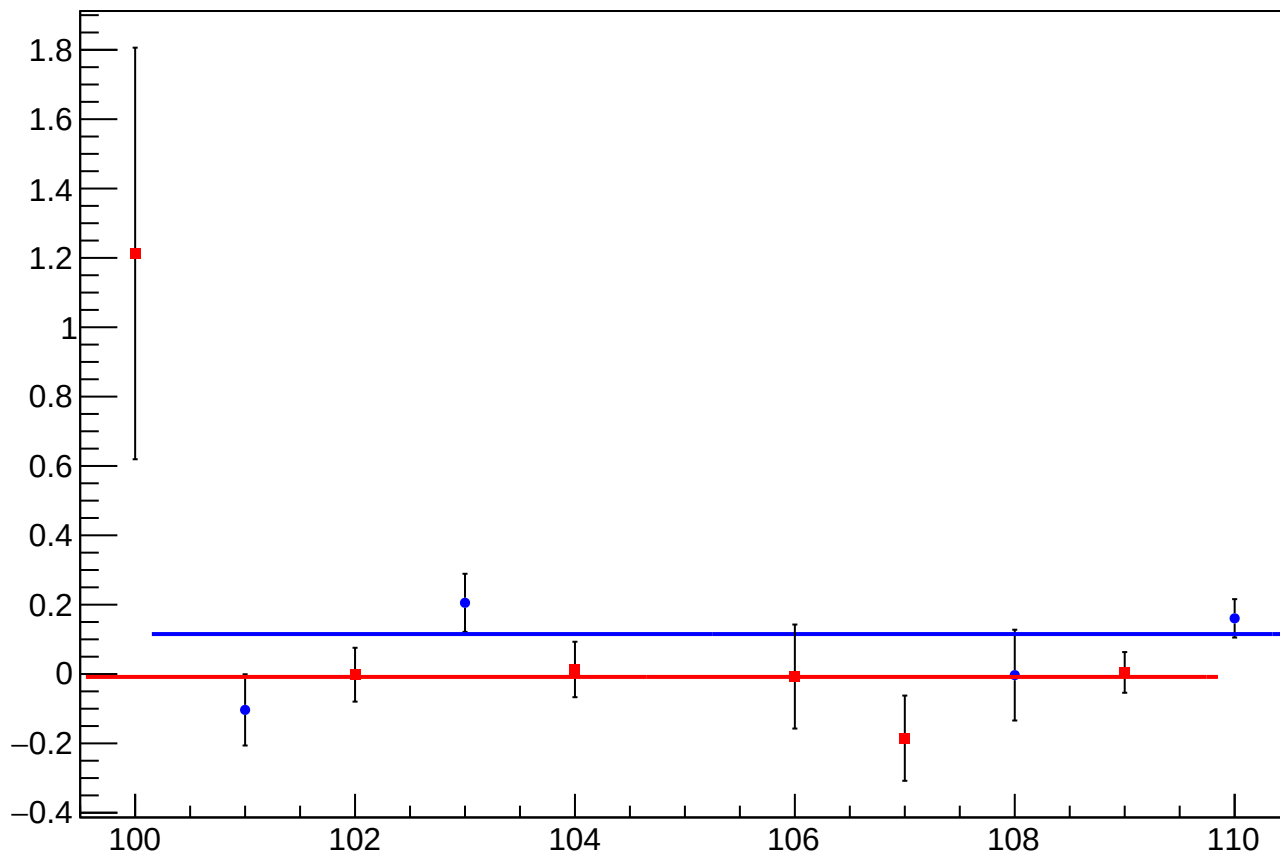
Right: 0.000+/-0.000 χ^2/NDF : 383677.9/9

In: 0.000+/-0.000 χ^2/NDF : 222439.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 383677.9/9

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.115+/-0.040 χ^2/NDF : 7.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.037 χ^2/NDF : 6.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

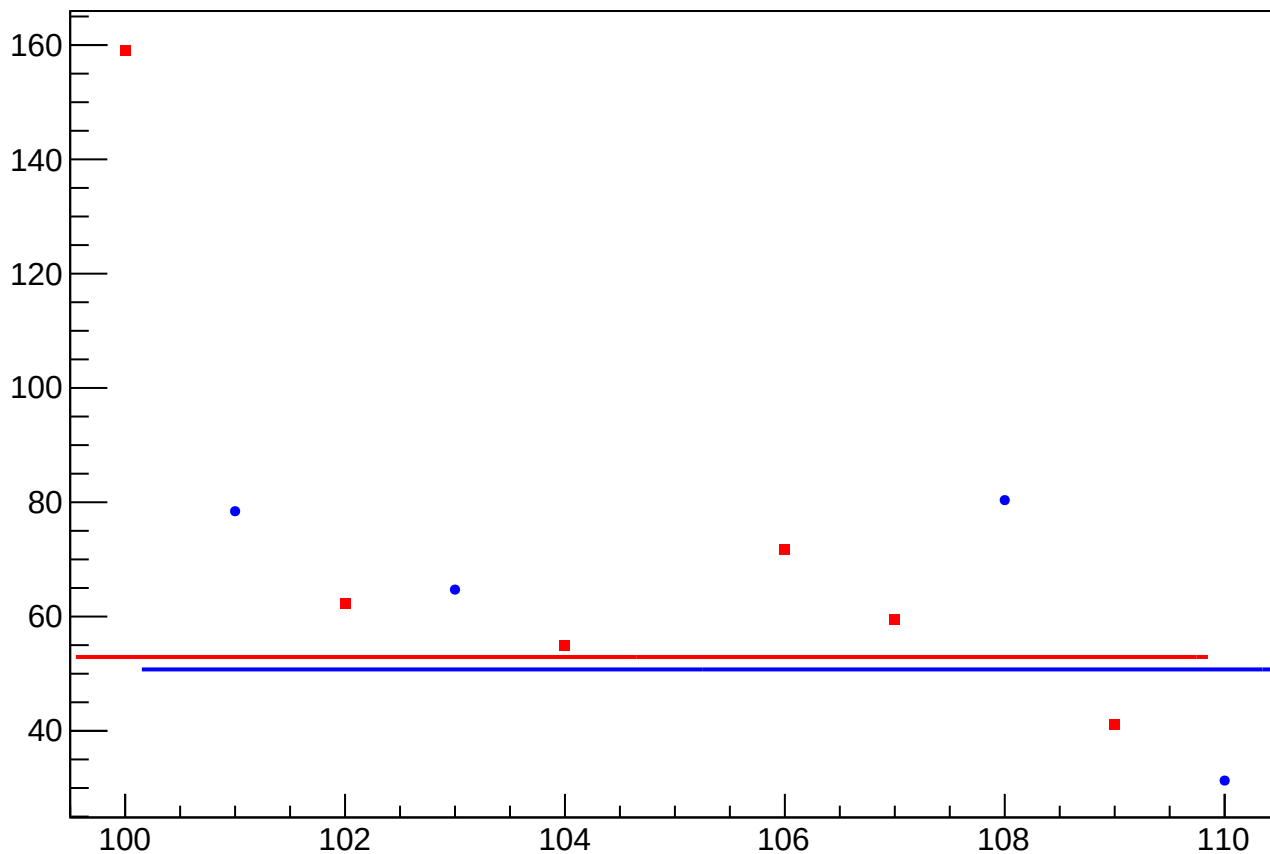
Right: 0.049+/-0.027 χ^2/NDF : 18.7/9

In: 0.115+/-0.040 χ^2/NDF : 7.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.049+/-0.027 χ^2/NDF : 18.7/9

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.748+/-0.028 χ^2/NDF : 550085.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.928+/-0.026 χ^2/NDF : 213448.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

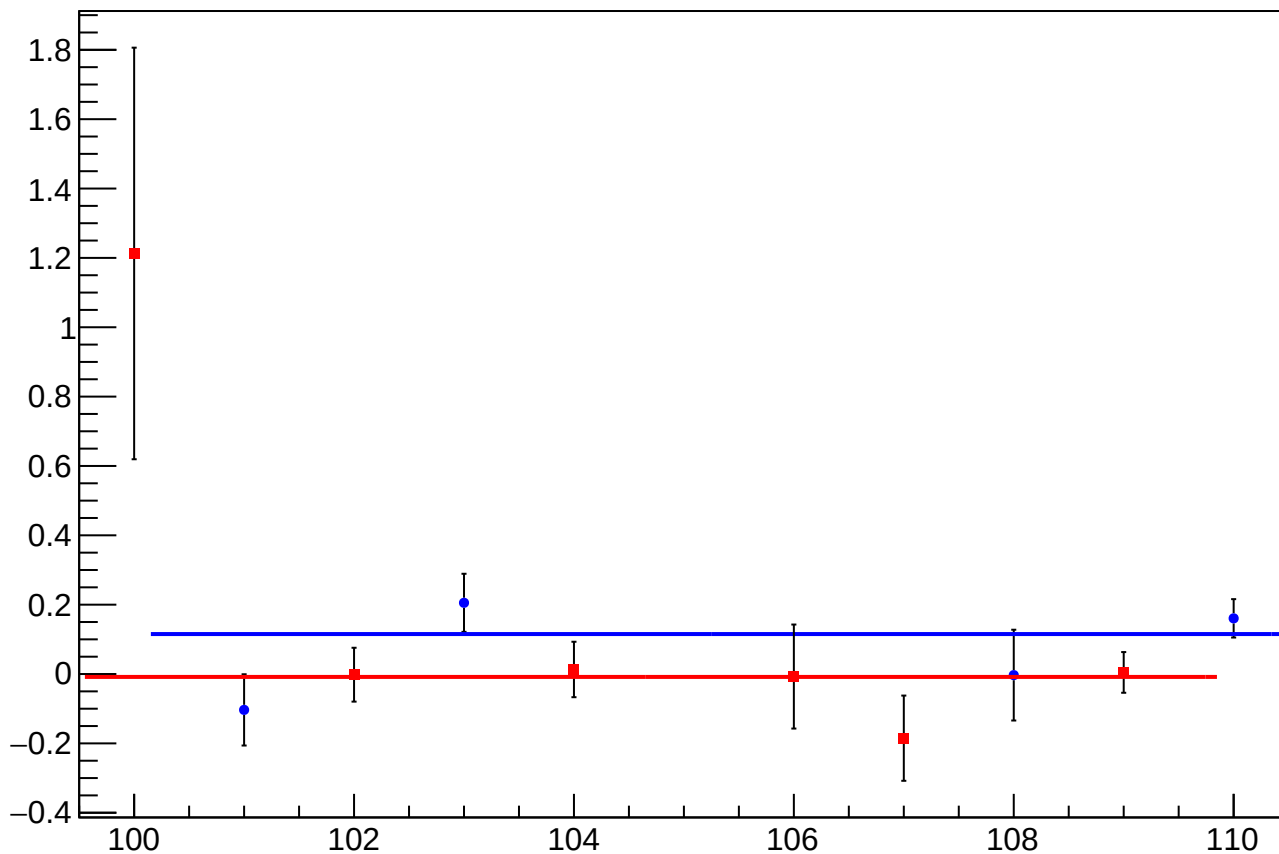
Right: 51.922+/-0.019 χ^2/NDF : 766716.2/9

In: 50.748+/-0.028 χ^2/NDF : 550085.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.922+/-0.019 χ^2/NDF : 766716.2/9

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.115+/-0.040 χ^2/NDF : 7.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.037 χ^2/NDF : 6.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

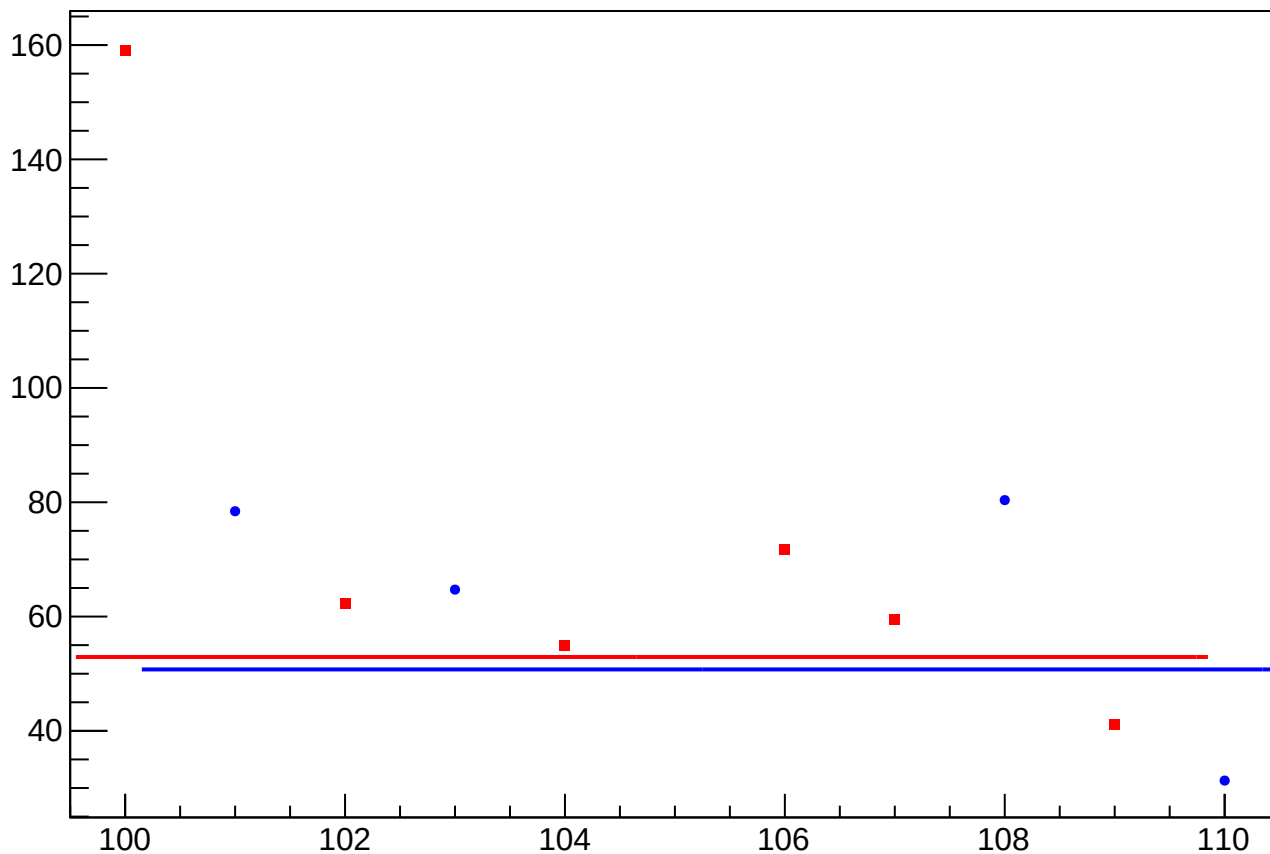
Right: 0.049+/-0.027 χ^2/NDF : 18.7/9

In: 0.115+/-0.040 χ^2/NDF : 7.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.049+/-0.027 χ^2/NDF : 18.7/9

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.748+/-0.028 χ^2/NDF : 550085.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.928+/-0.026 χ^2/NDF : 213448.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

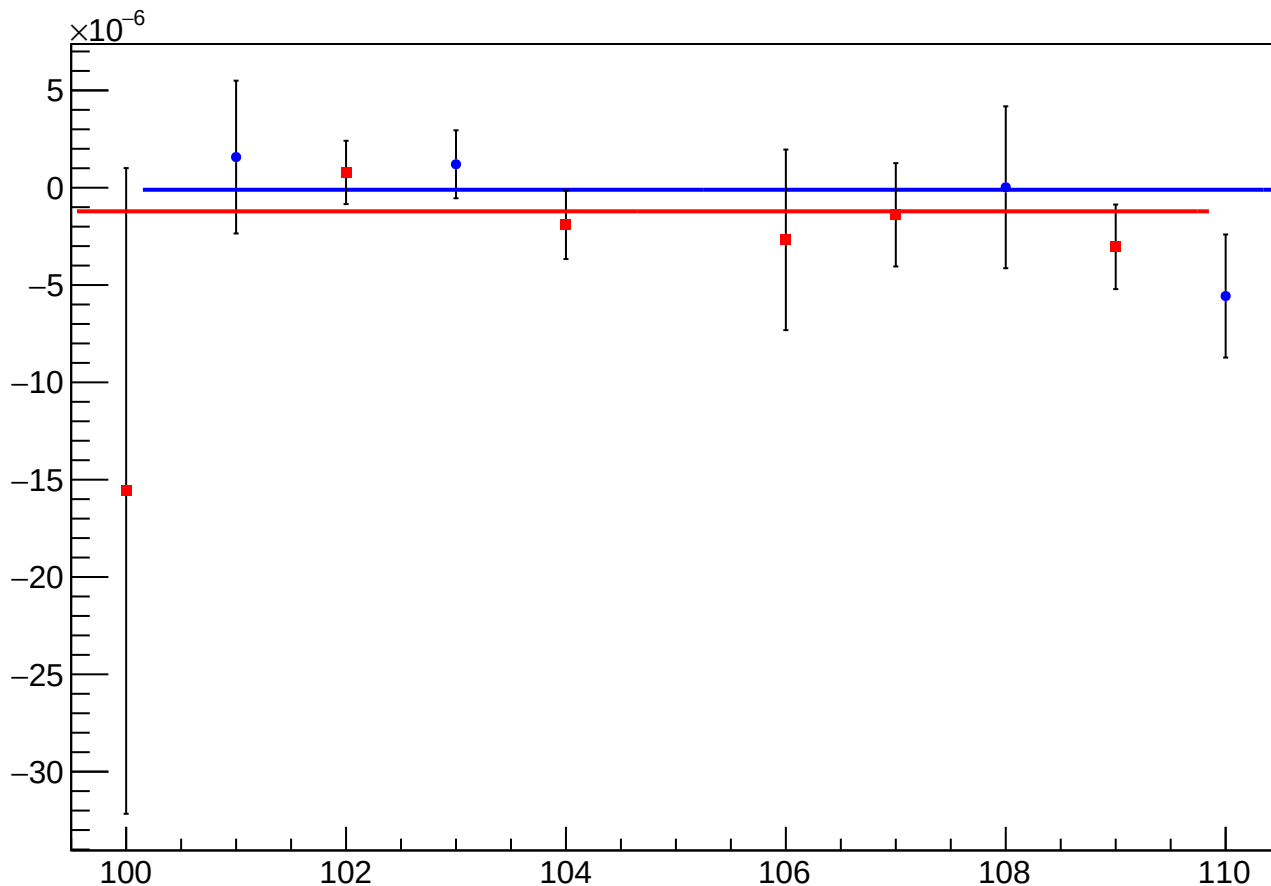
Right: 51.922+/-0.019 χ^2/NDF : 766716.2/9

In: 50.748+/-0.028 χ^2/NDF : 550085.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.922+/-0.019 χ^2/NDF : 766716.2/9

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

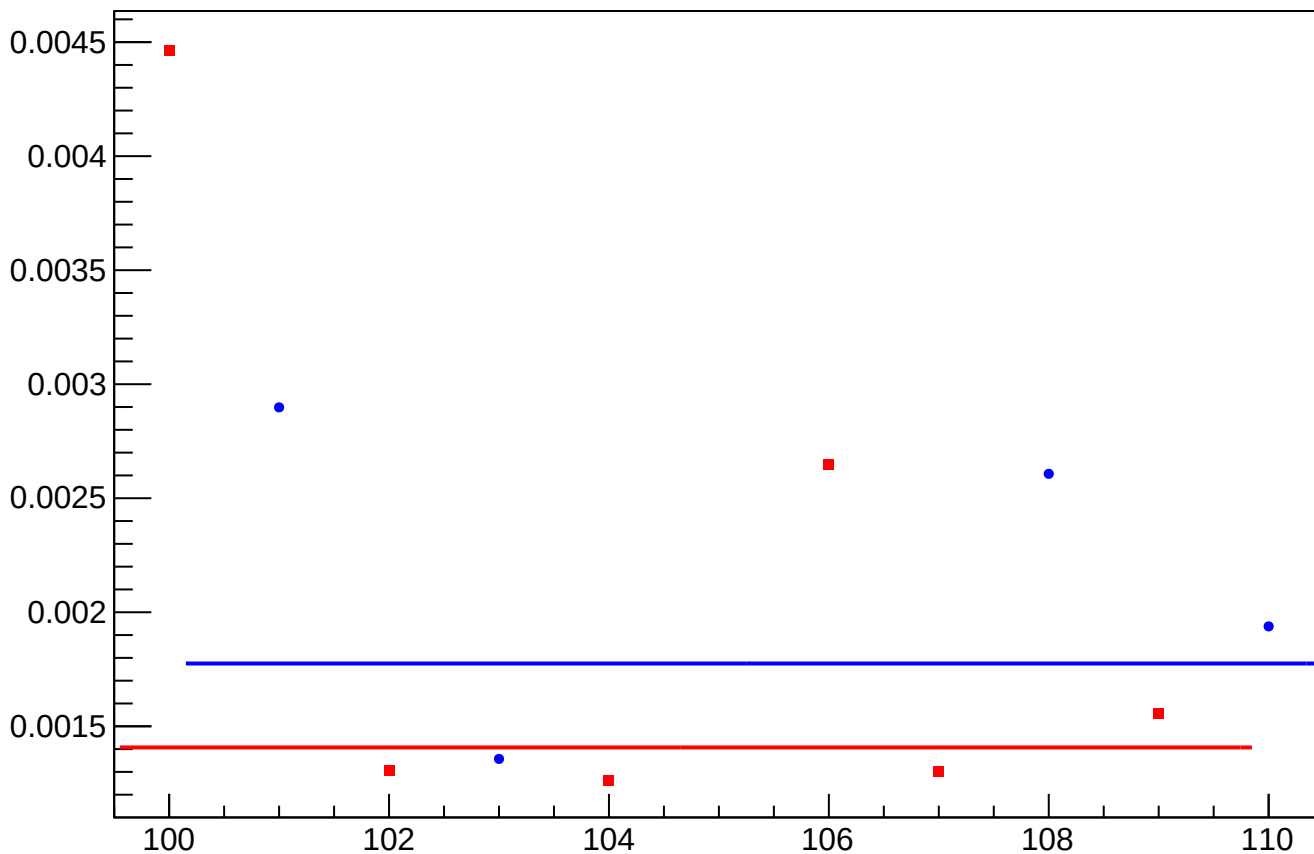
Right: -0.000+/-0.000 χ^2/NDF : 7.4/9

In: -0.000+/-0.000 χ^2/NDF :3.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.4/9

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 363967.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 244386.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

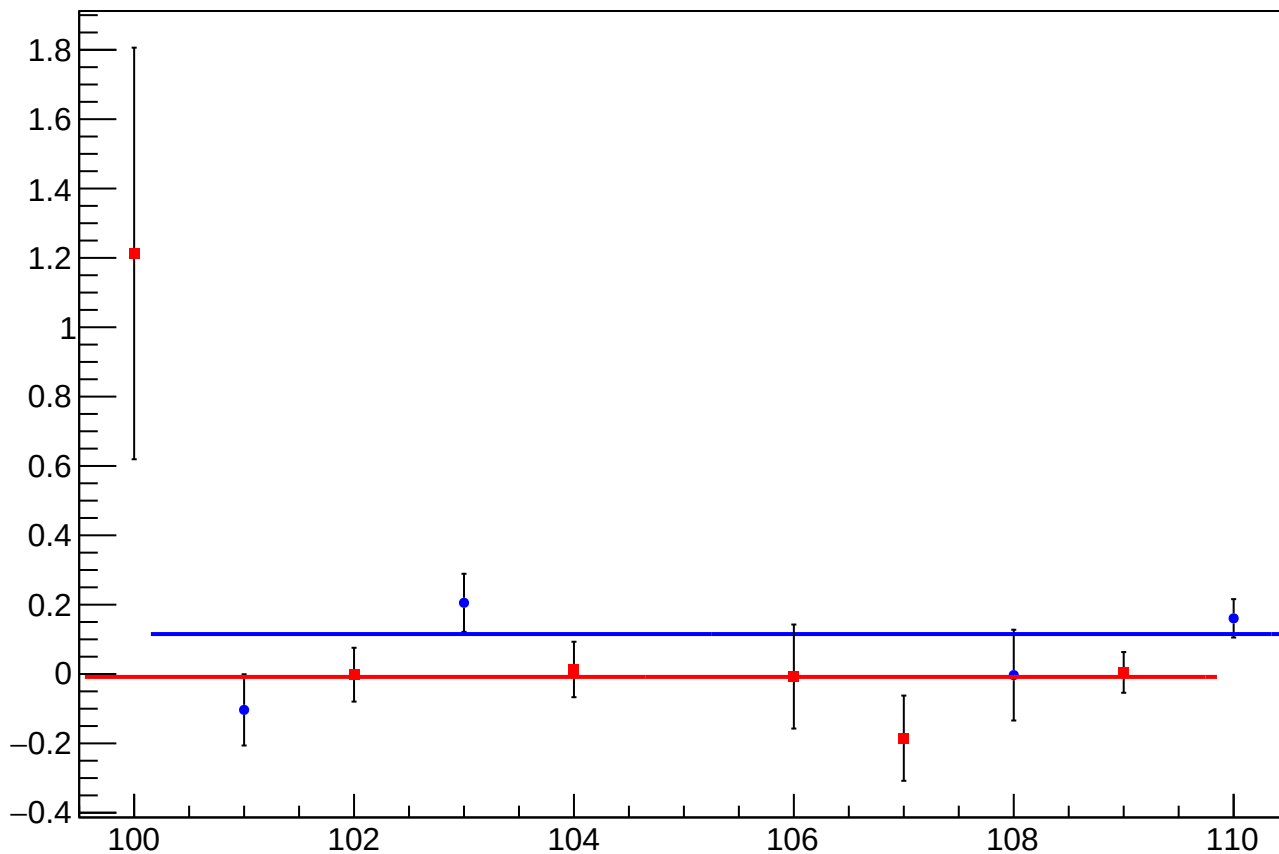
Right: 0.002+/-0.000 χ^2/NDF : 707969.4/9

In: 0.002+/-0.000 χ^2/NDF : 363967.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 707969.4/9

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.115 $\pm$ 0.040 χ^2 /NDF: 7.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.037 χ^2 /NDF: 6.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

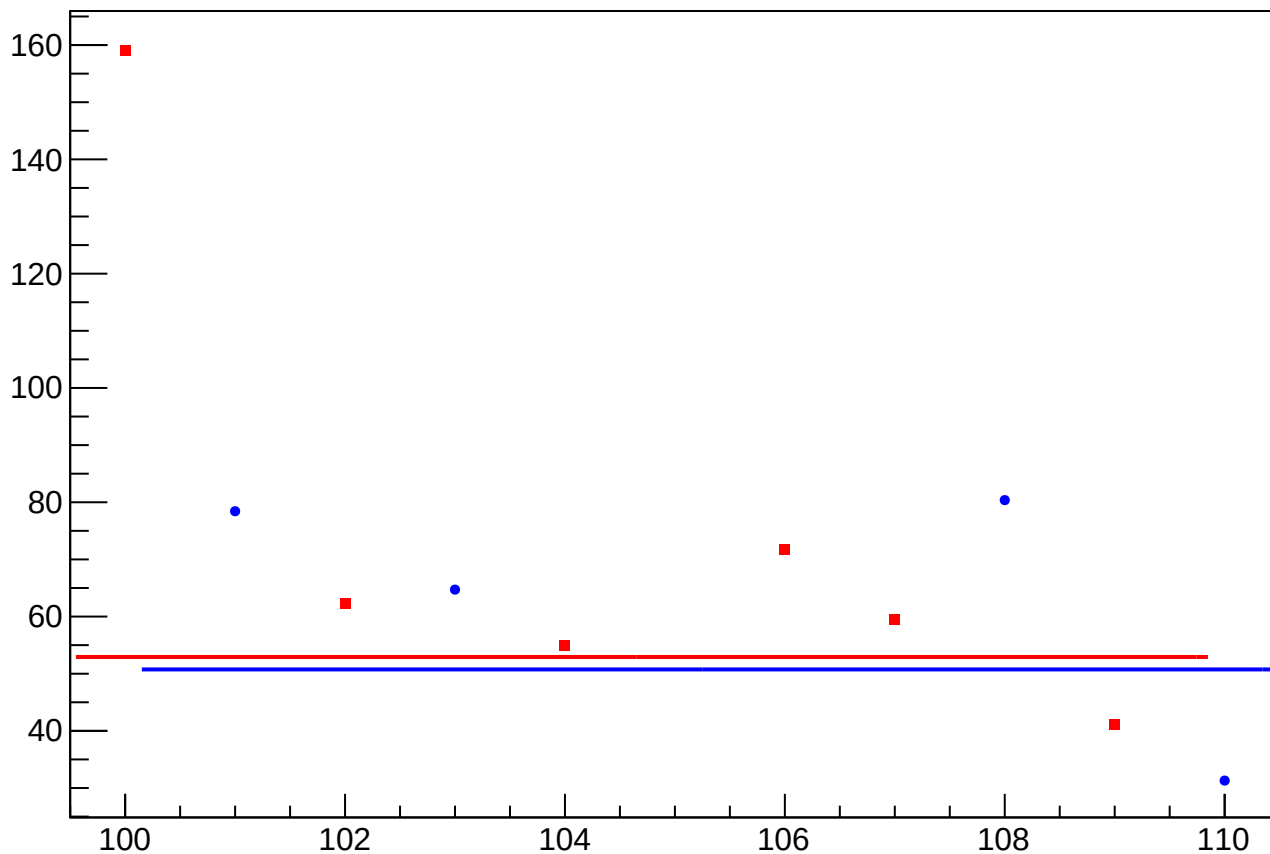
Right: 0.049 $\pm$ 0.027 χ^2 /NDF: 18.7/9

In: 0.115 $\pm$ 0.040 χ^2 /NDF: 7.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.049 $\pm$ 0.027 χ^2 /NDF: 18.7/9

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.748+/-0.028 χ^2/NDF : 550113.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.928+/-0.026 χ^2/NDF : 213448.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

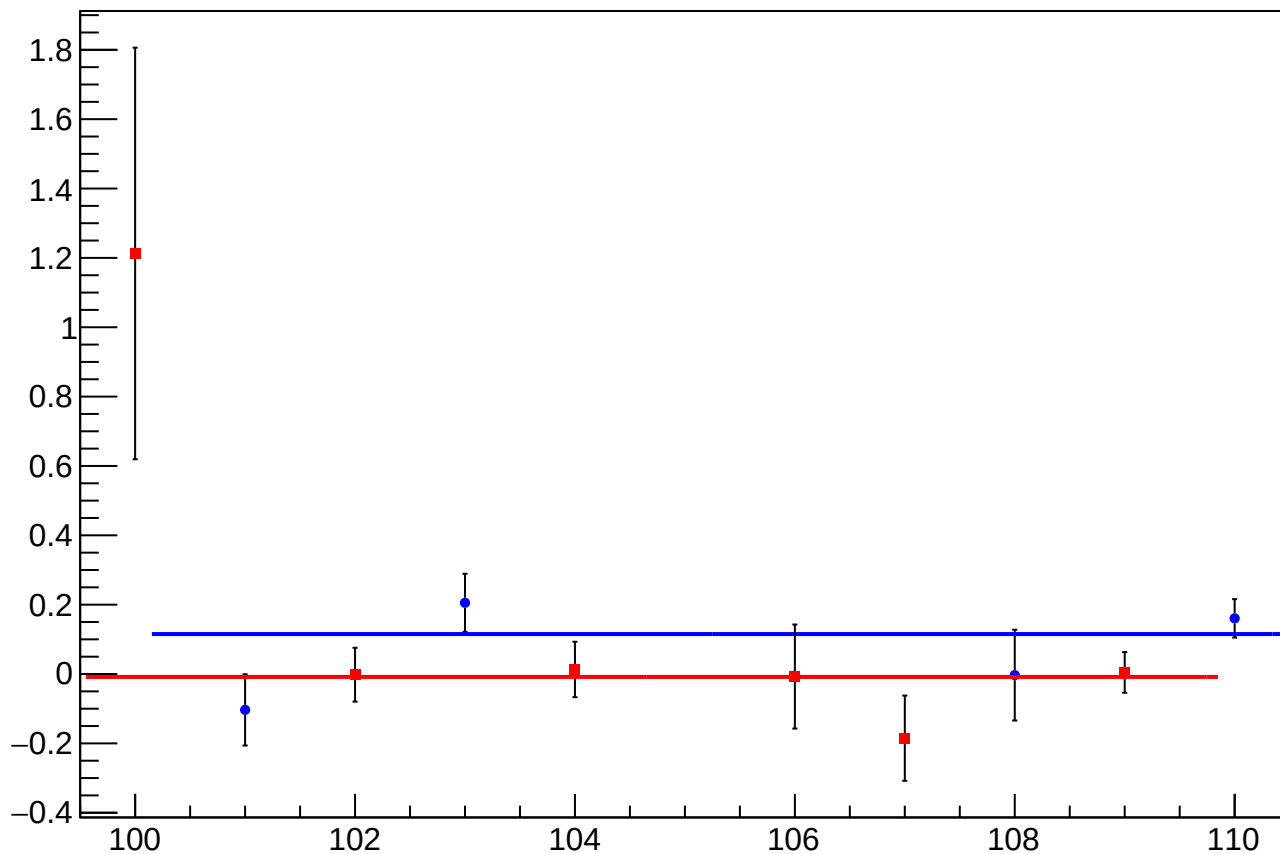
Right: 51.922+/-0.019 χ^2/NDF : 766745.5/9

In: 50.748+/-0.028 χ^2/NDF : 550113.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.922+/-0.019 χ^2/NDF : 766745.5/9

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.115 $\pm$ 0.040 χ^2 /NDF: 7.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.037 χ^2 /NDF: 6.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

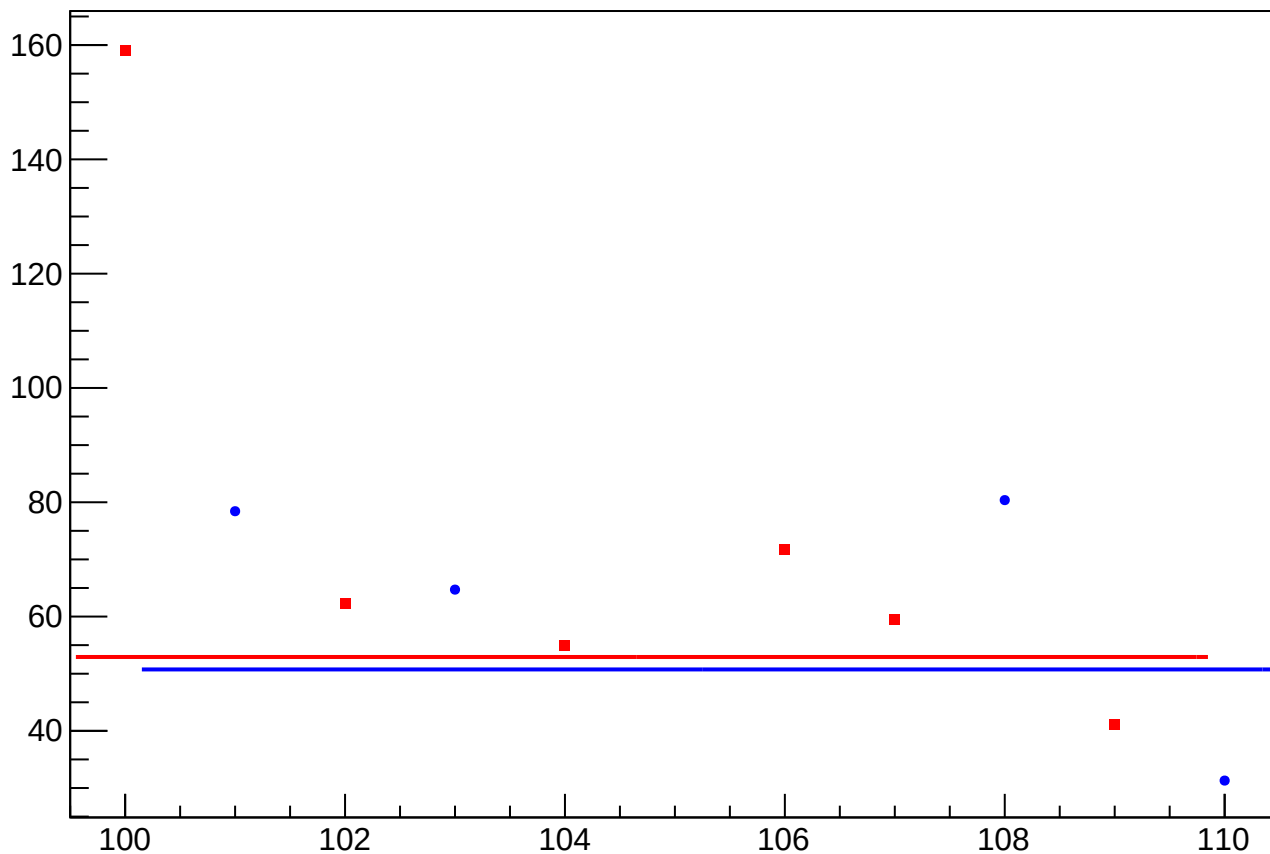
Right: 0.049 $\pm$ 0.027 χ^2 /NDF: 18.7/9

In: 0.115 $\pm$ 0.040 χ^2 /NDF: 7.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.049 $\pm$ 0.027 χ^2 /NDF: 18.7/9

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.748+/-0.028 χ^2/NDF : 550113.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.928+/-0.026 χ^2/NDF : 213448.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

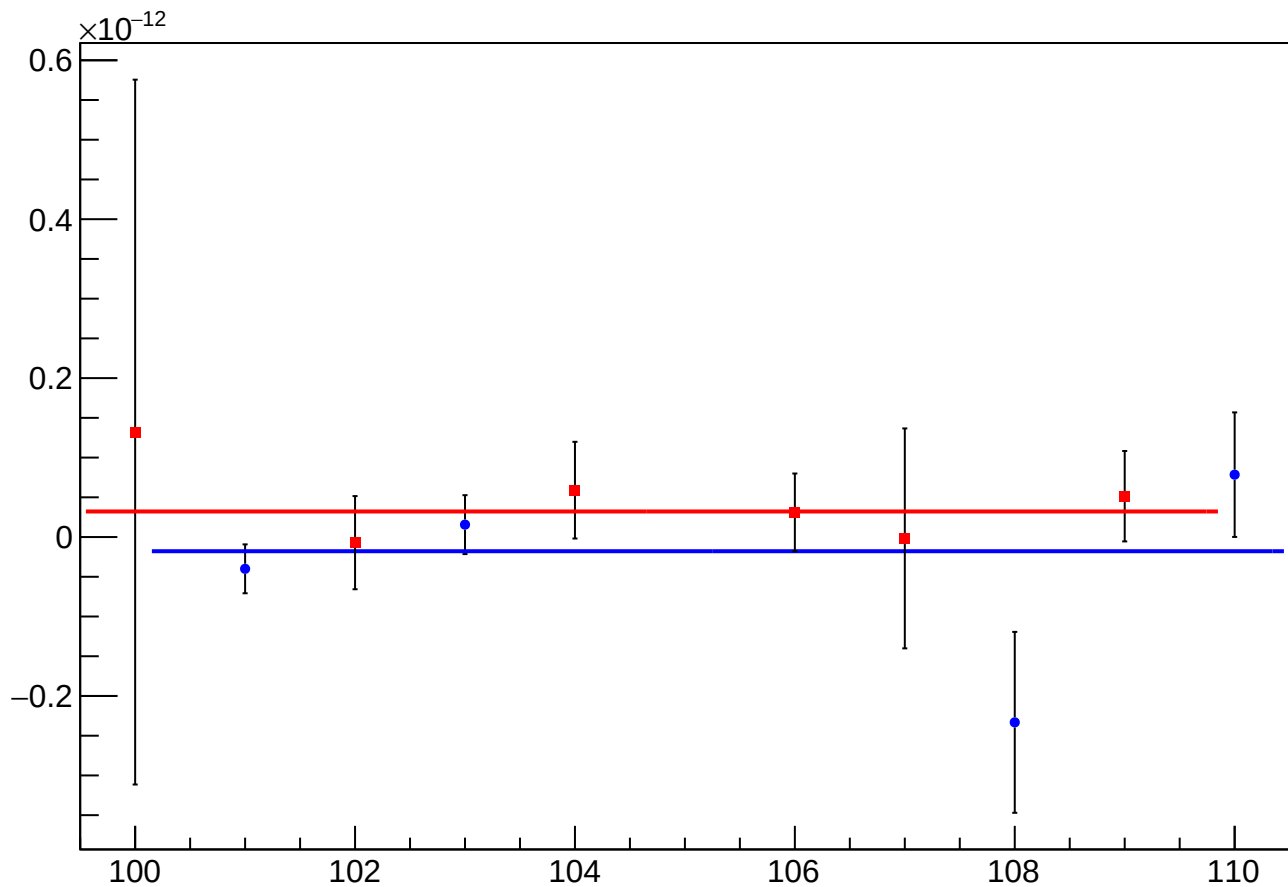
Right: 51.922+/-0.019 χ^2/NDF : 766745.5/9

In: 50.748+/-0.028 χ^2/NDF : 550113.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.922+/-0.019 χ^2/NDF : 766745.5/9

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

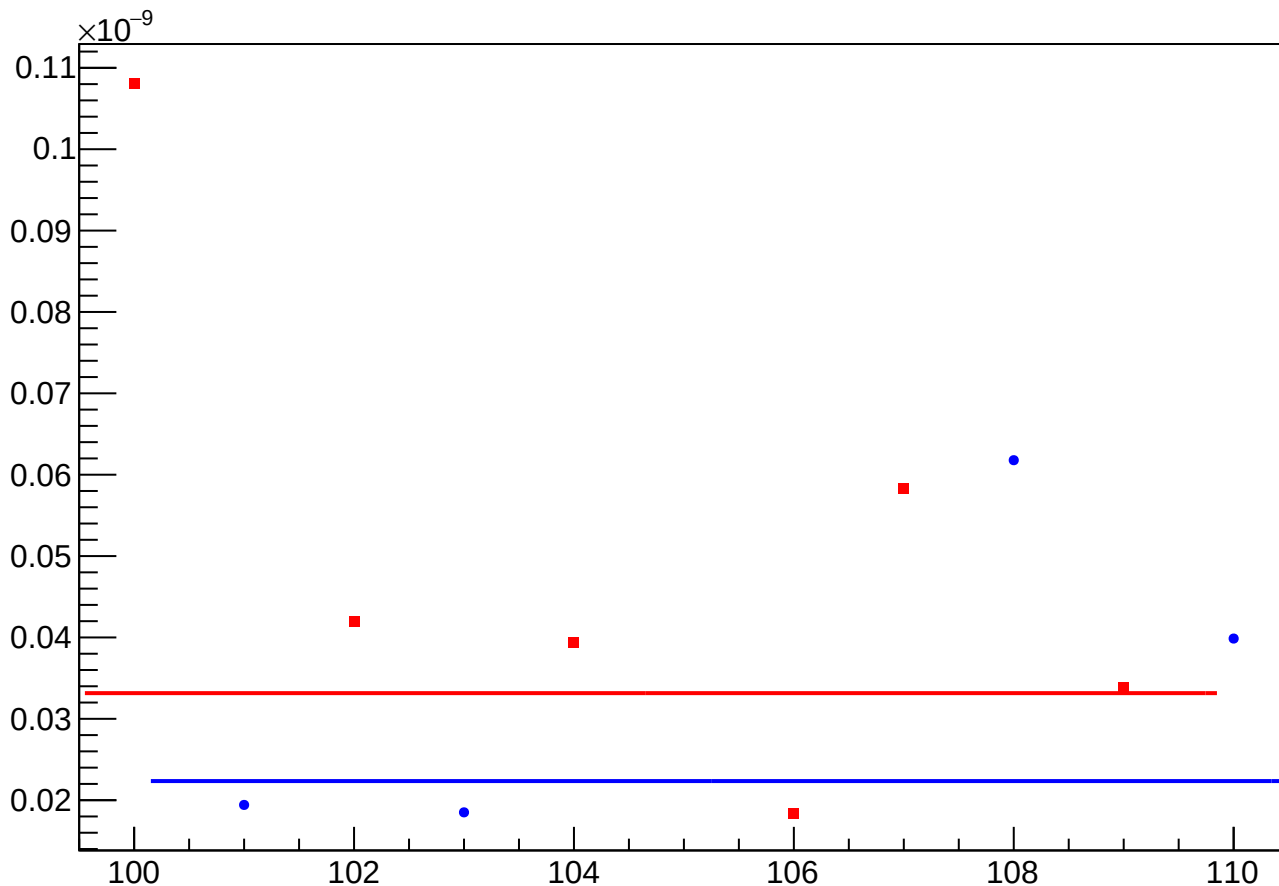
Right: 0.000+/-0.000 χ^2/NDF : 9.3/9

In: -0.000+/-0.000 χ^2/NDF : 6.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.3/9

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 379597.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 372397.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

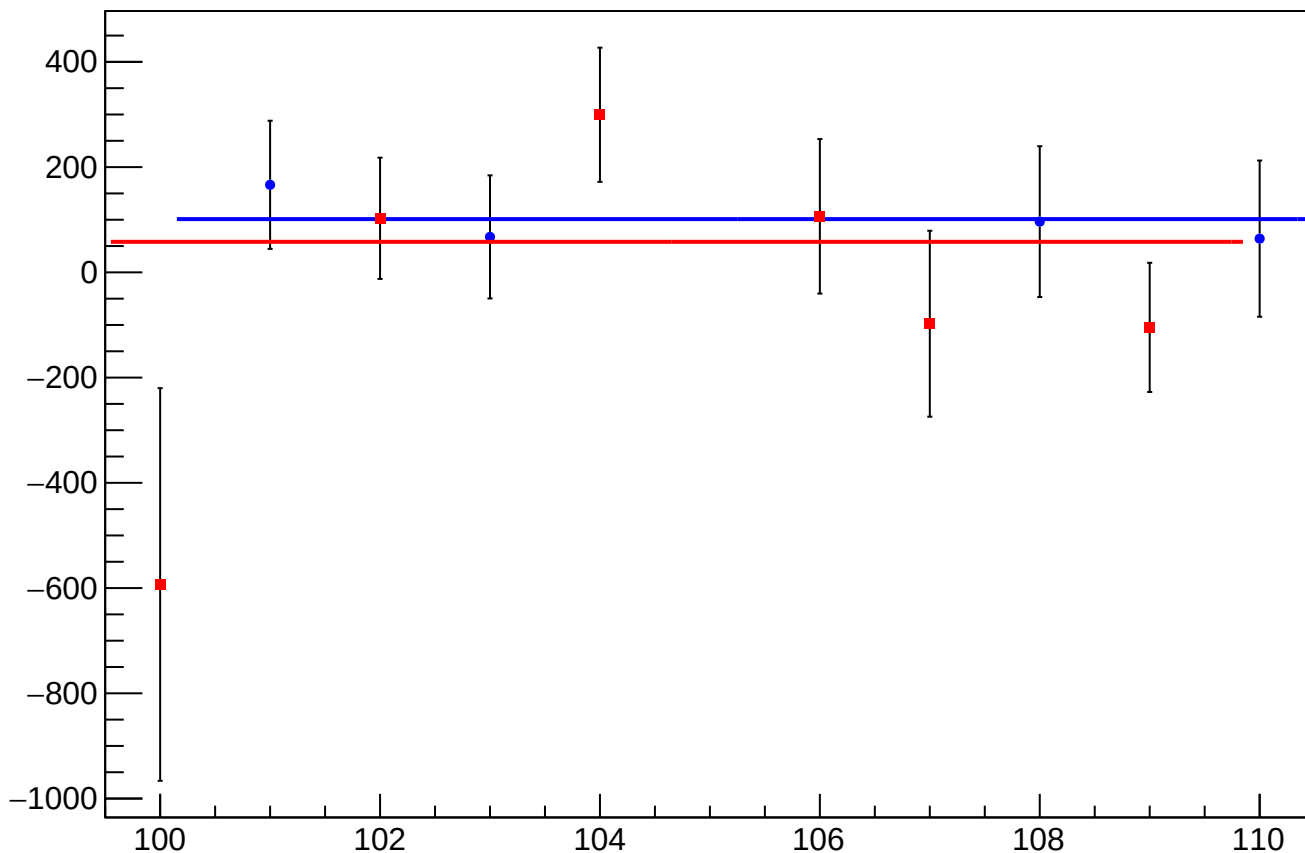
Right: 0.000+/-0.000 χ^2/NDF : 940697.8/9

In: 0.000+/-0.000 χ^2/NDF : 379597.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 940697.8/9

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 101.195+/-65.290 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.049+/-58.846 χ^2/NDF : 9.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

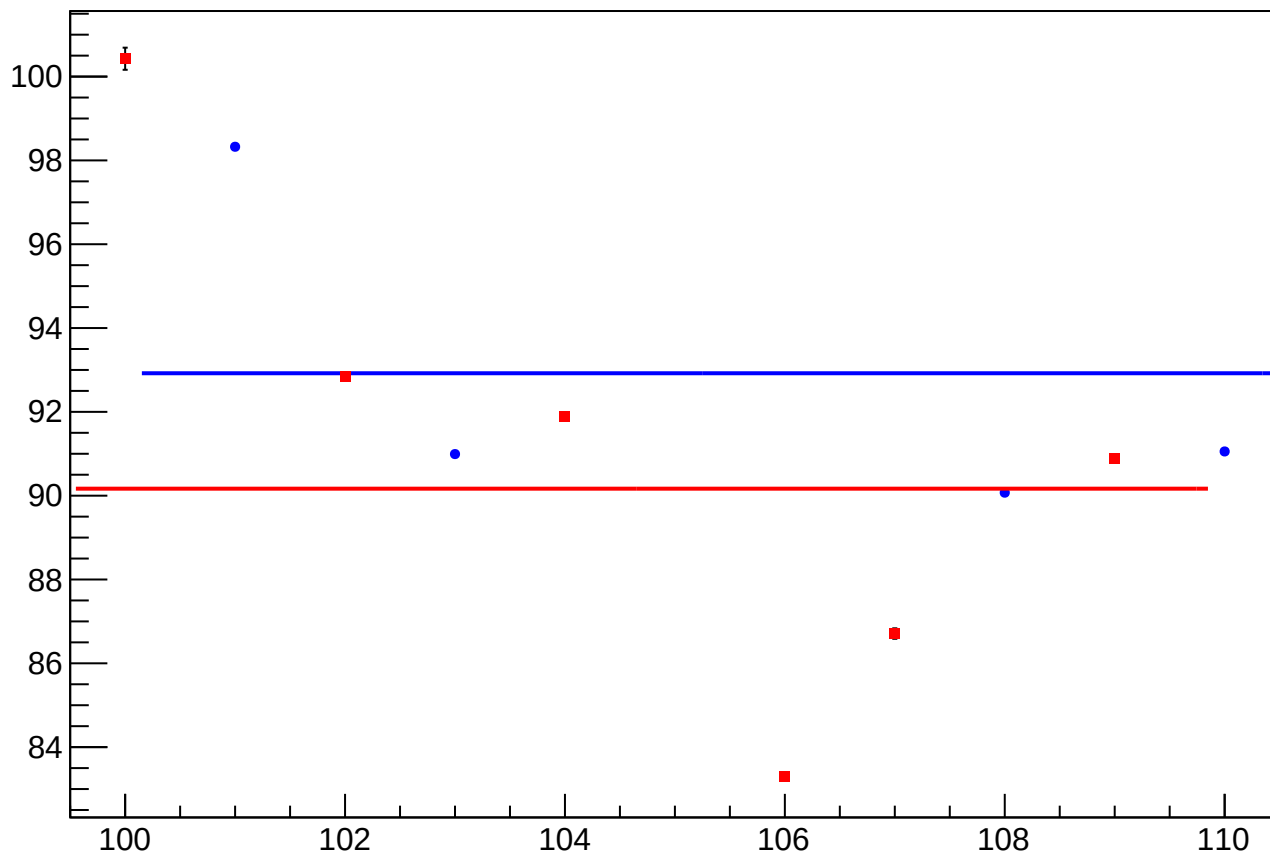
Right: 77.388+/-43.711 χ^2/NDF : 10.1/9

In: 101.195+/-65.290 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.388+/-43.711 χ^2/NDF : 10.1/9

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 92.921+/-0.046 χ^2/NDF : 5588.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.167+/-0.042 χ^2/NDF : 8168.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

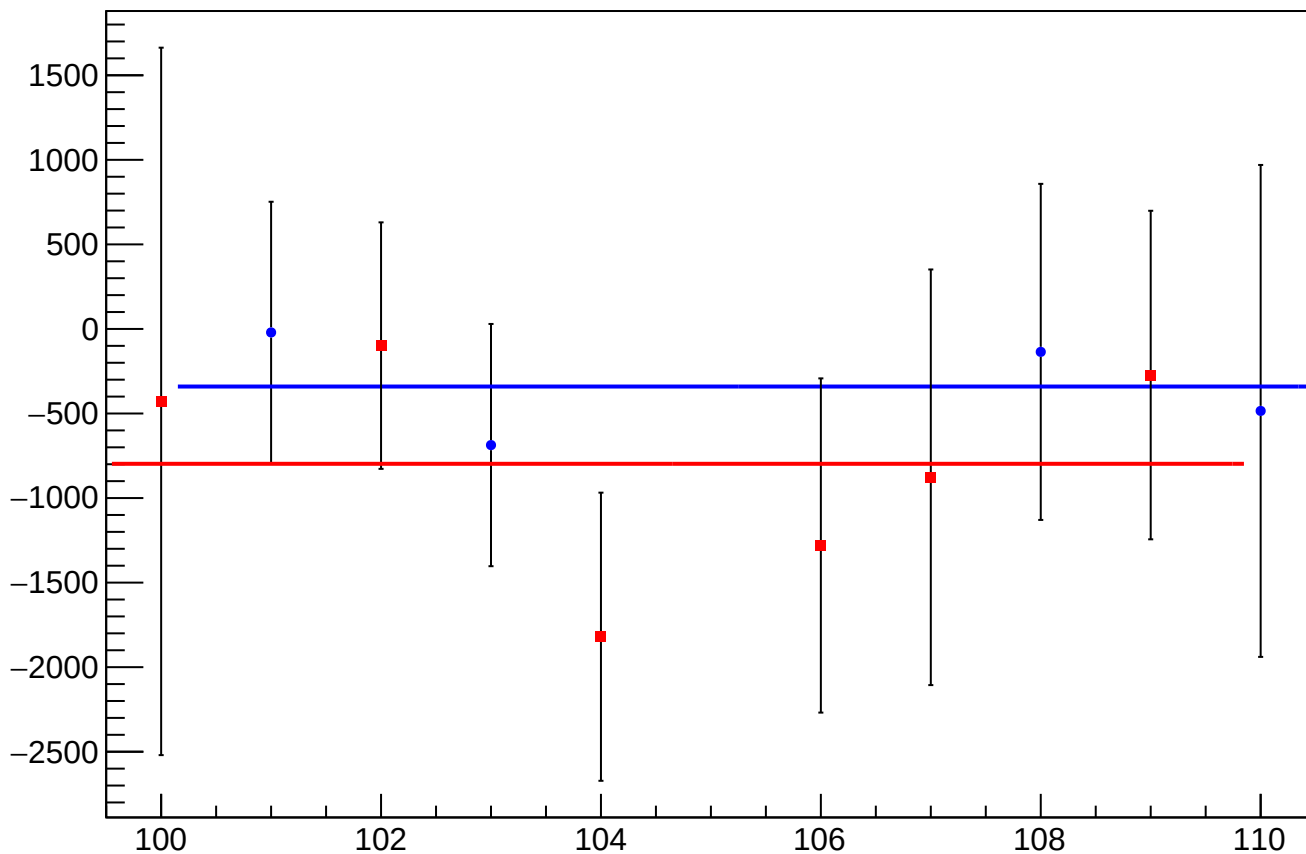
Right: 91.402+/-0.031 χ^2/NDF : 15721.2/9

In: 92.921+/-0.046 χ^2/NDF : 5588.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.402+/-0.031 χ^2/NDF : 15721.2/9

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -340.511+/-442.383 χ^2/NDF : 0.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -797.463+/-400.477 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

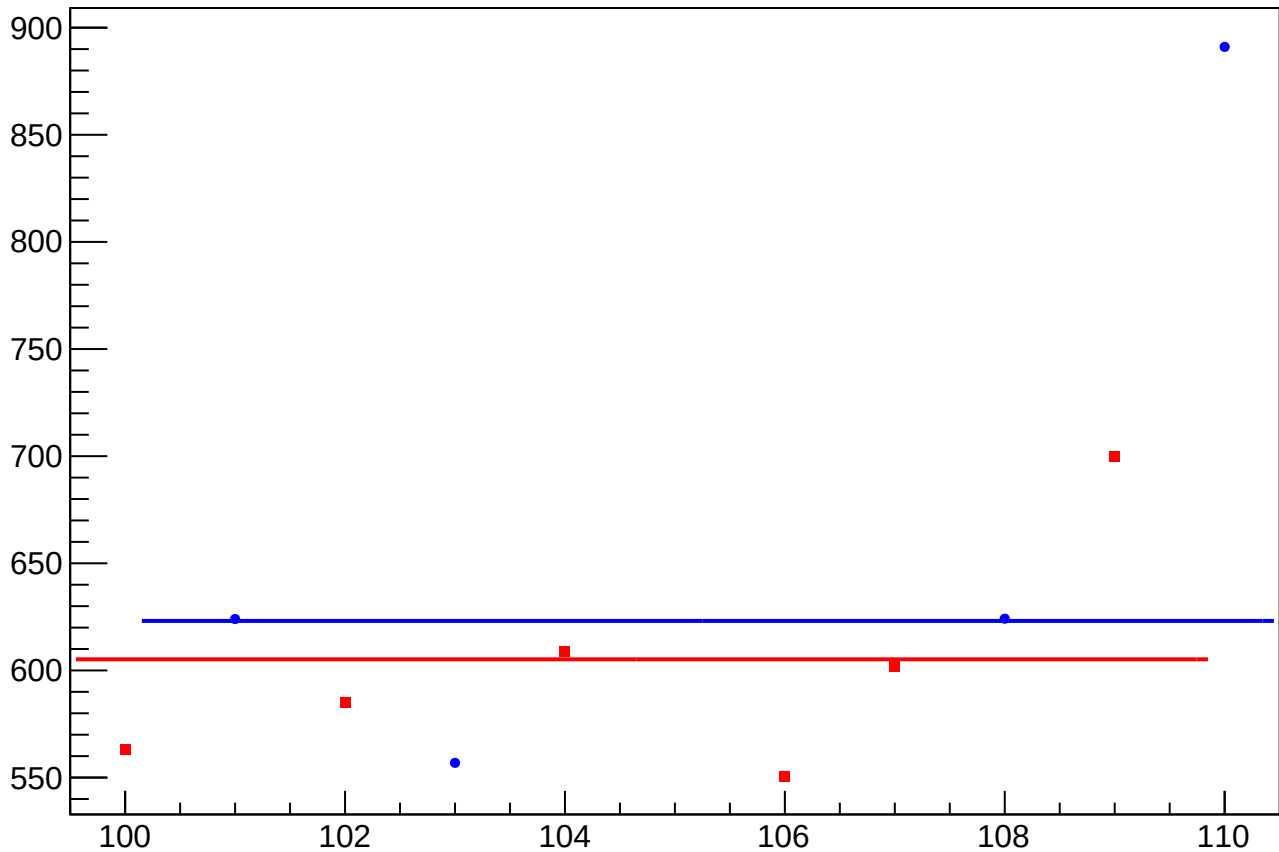
Right: -591.651+/-296.893 χ^2/NDF : 4.0/9

In: -340.511+/-442.383 χ^2/NDF : 0.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -591.651+/-296.893 χ^2/NDF : 4.0/9

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 623.109+/-0.313 χ^2/NDF : 84982.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.190+/-0.283 χ^2/NDF : 27497.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

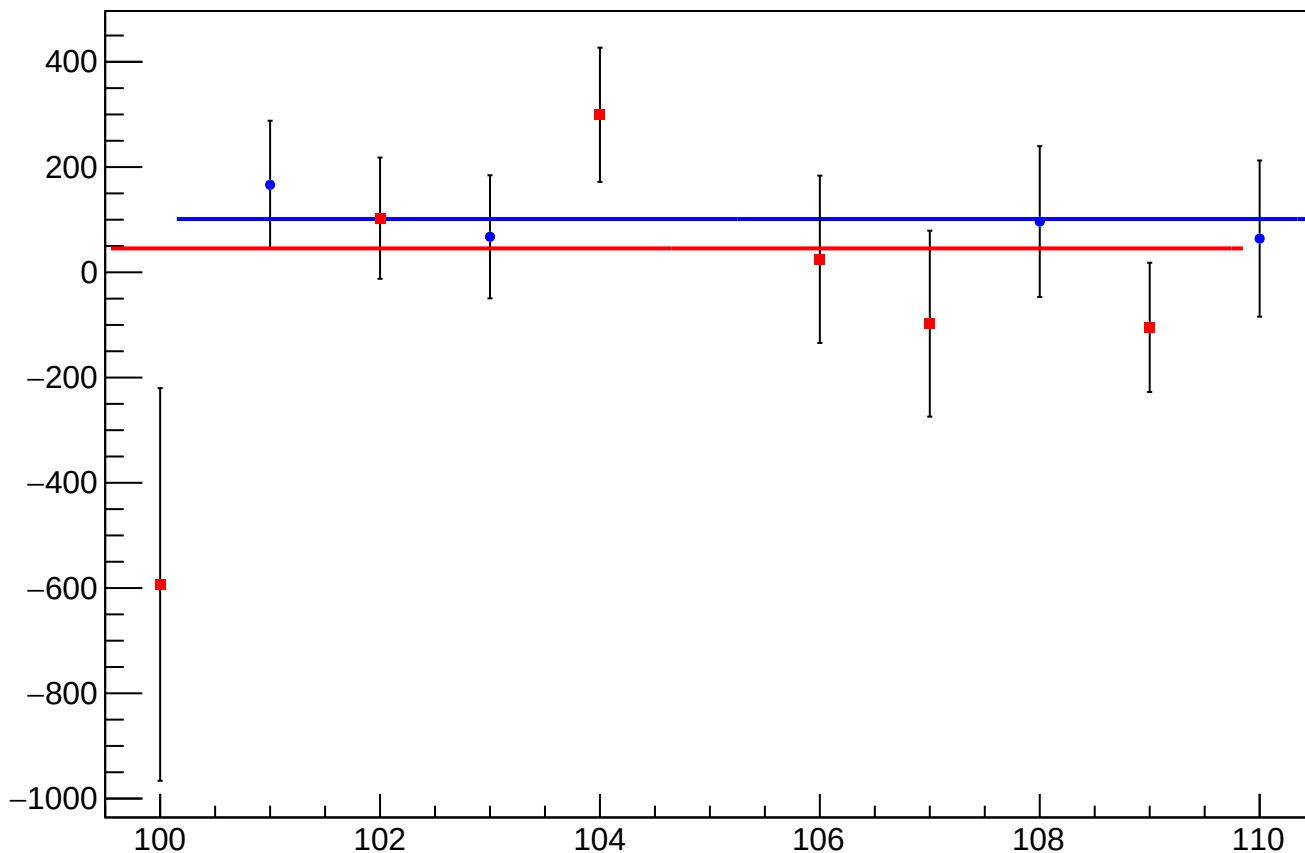
Right: 613.261+/-0.210 χ^2/NDF : 114283.8/9

In: 623.109+/-0.313 χ^2/NDF : 84982.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.261+/-0.210 χ^2/NDF : 114283.8/9

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 101.252 $\pm$ 65.290 χ^2 /NDF: 0.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.429 $\pm$ 59.557 χ^2 /NDF: 9.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

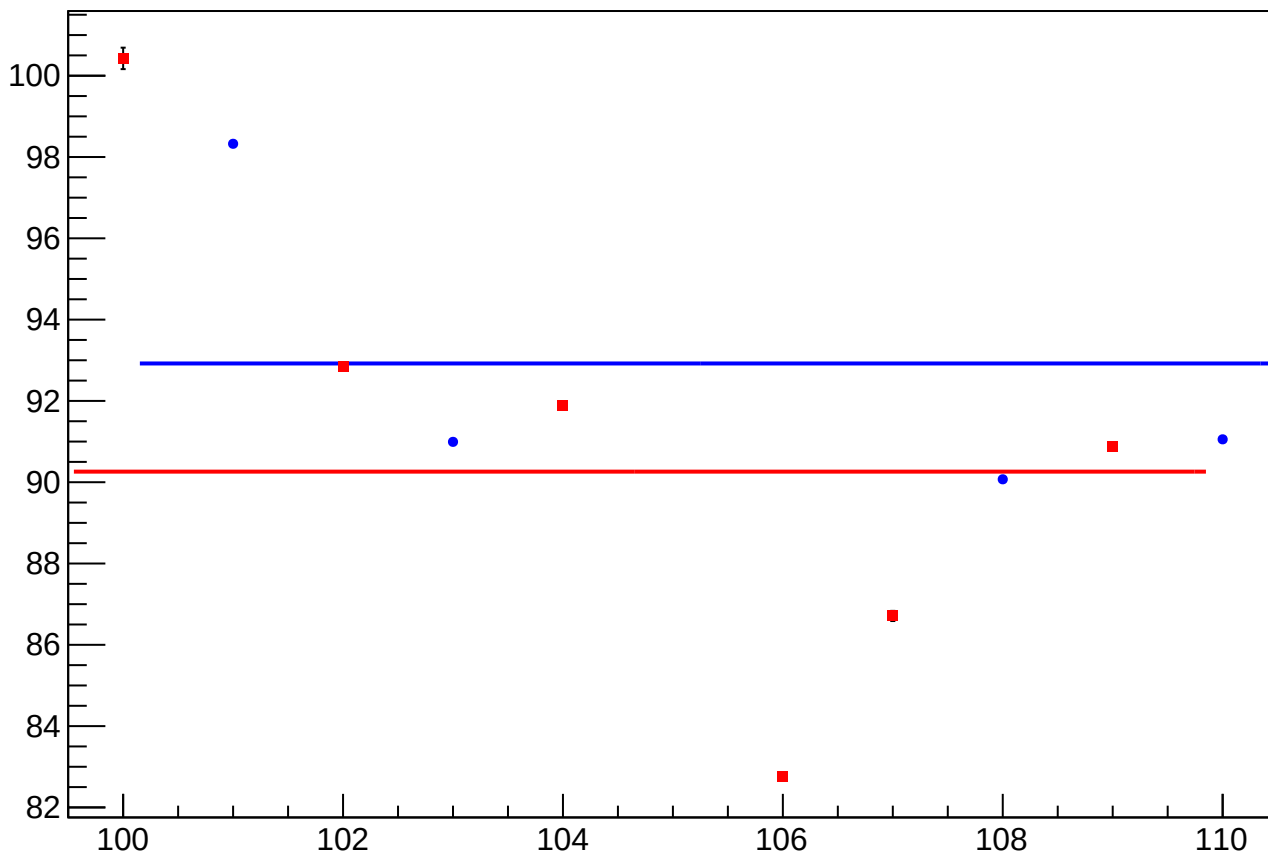
Right: 70.782 $\pm$ 44.001 χ^2 /NDF: 10.1/9

In: 101.252 $\pm$ 65.290 χ^2 /NDF: 0.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.782 $\pm$ 44.001 χ^2 /NDF: 10.1/9

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 92.921+/-0.046 χ^2/NDF : 5588.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.260+/-0.042 χ^2/NDF : 8124.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

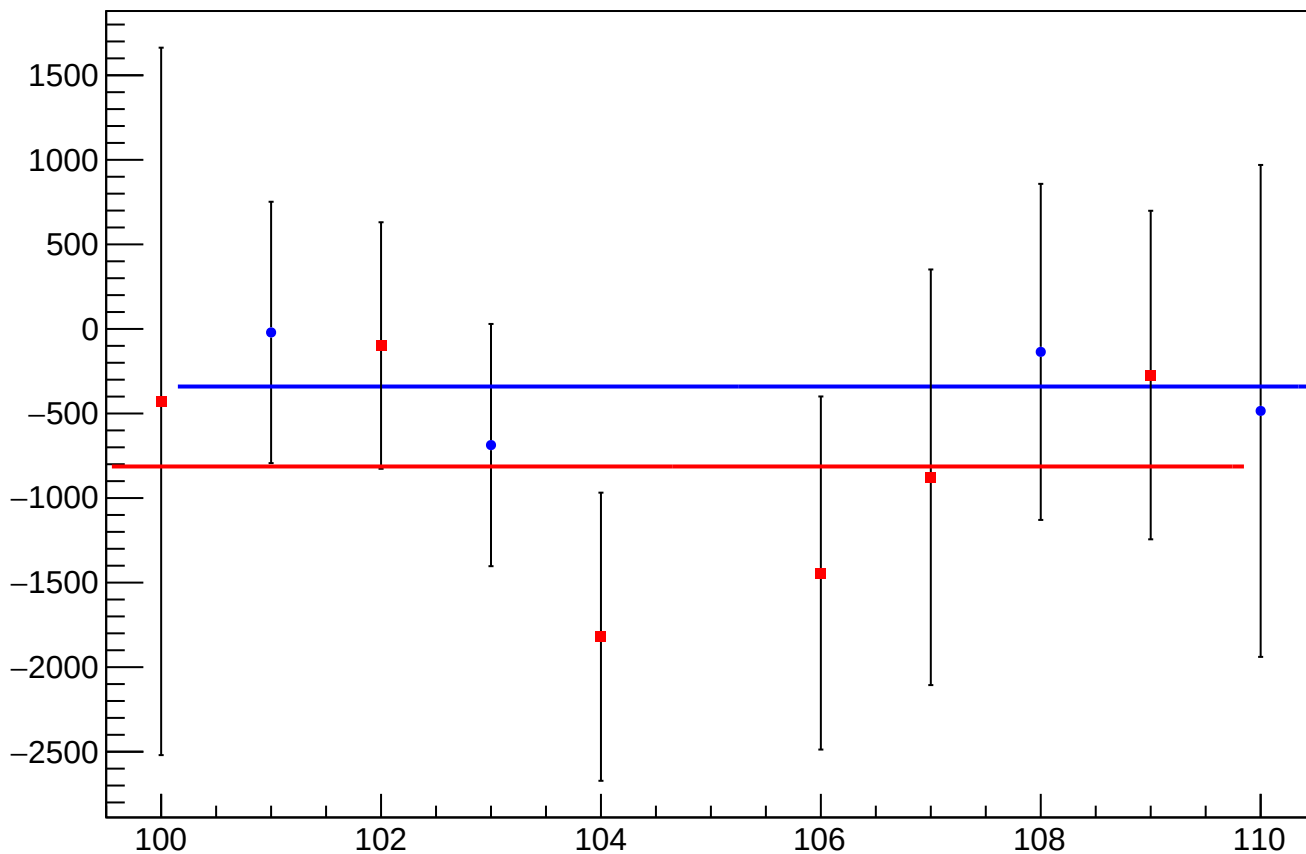
Right: 91.469+/-0.031 χ^2/NDF : 15525.9/9

In: 92.921+/-0.046 χ^2/NDF : 5588.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.469+/-0.031 χ^2/NDF : 15525.9/9

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -340.494+/-442.383 χ^2/NDF : 0.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -813.313+/-403.953 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

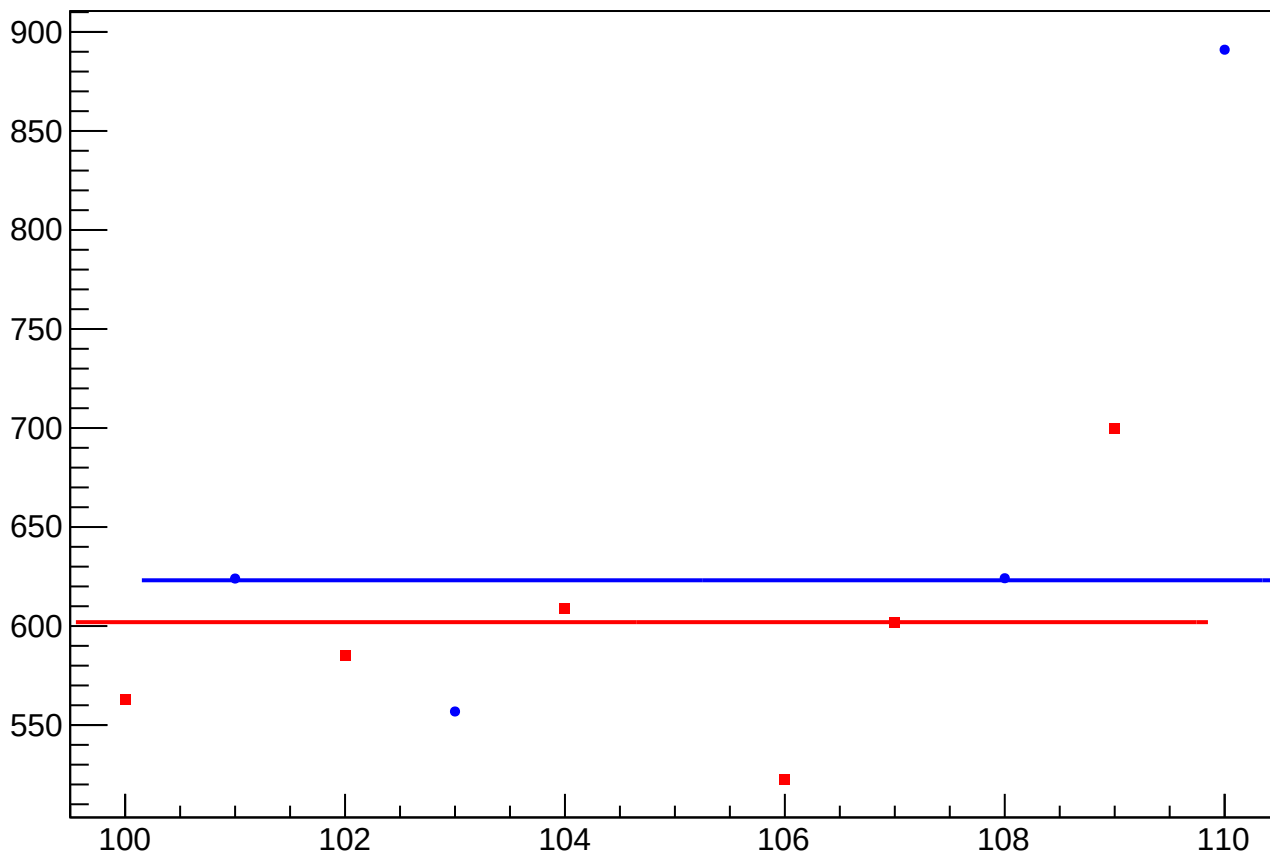
Right: -598.329+/-298.300 χ^2/NDF : 4.2/9

In: -340.494+/-442.383 χ^2/NDF : 0.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -598.329+/-298.300 χ^2/NDF : 4.2/9

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 623.108+/-0.313 χ^2/NDF : 84984.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 601.965+/-0.286 χ^2/NDF : 33775.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

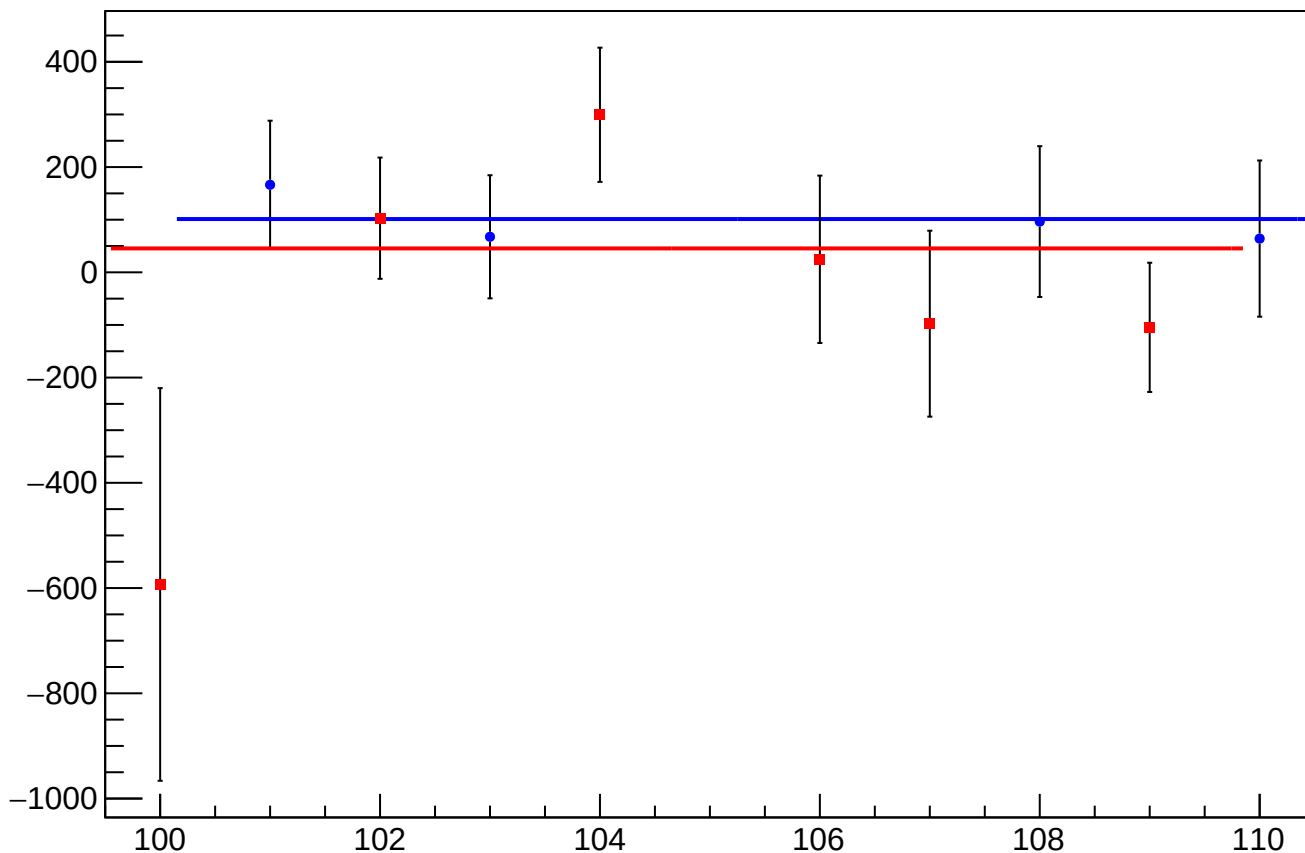
Right: 611.578+/-0.211 χ^2/NDF : 121250.8/9

In: 623.108+/-0.313 χ^2/NDF : 84984.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.578+/-0.211 χ^2/NDF : 121250.8/9

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 101.252 $\pm$ 65.290 χ^2 /NDF: 0.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.429 $\pm$ 59.557 χ^2 /NDF: 9.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

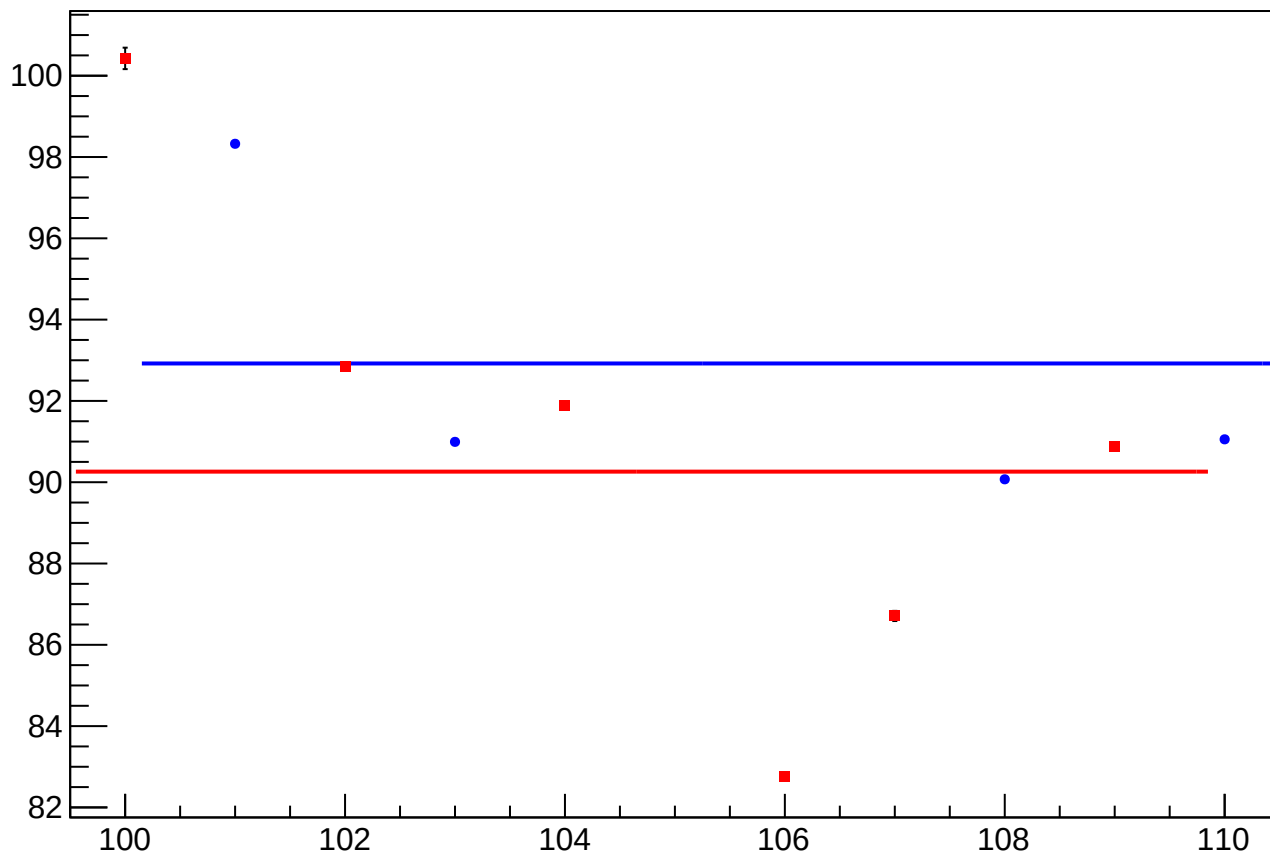
Right: 70.782 $\pm$ 44.001 χ^2 /NDF: 10.1/9

In: 101.252 $\pm$ 65.290 χ^2 /NDF: 0.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.782 $\pm$ 44.001 χ^2 /NDF: 10.1/9

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 92.921+/-0.046 χ^2/NDF : 5588.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.260+/-0.042 χ^2/NDF : 8124.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

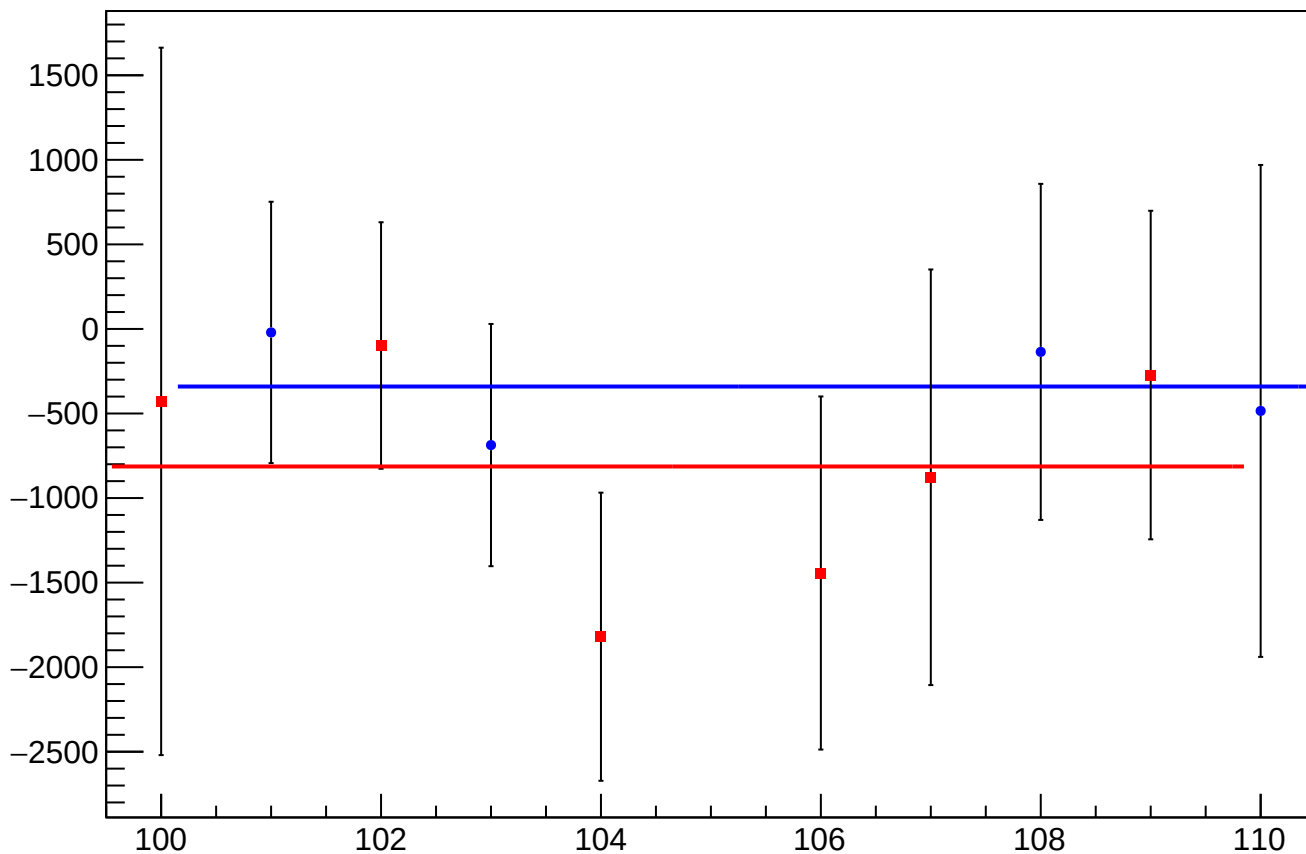
Right: 91.469+/-0.031 χ^2/NDF : 15525.9/9

In: 92.921+/-0.046 χ^2/NDF : 5588.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.469+/-0.031 χ^2/NDF : 15525.9/9

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -340.494+/-442.383 χ^2/NDF : 0.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -813.313+/-403.953 χ^2/NDF : 3.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

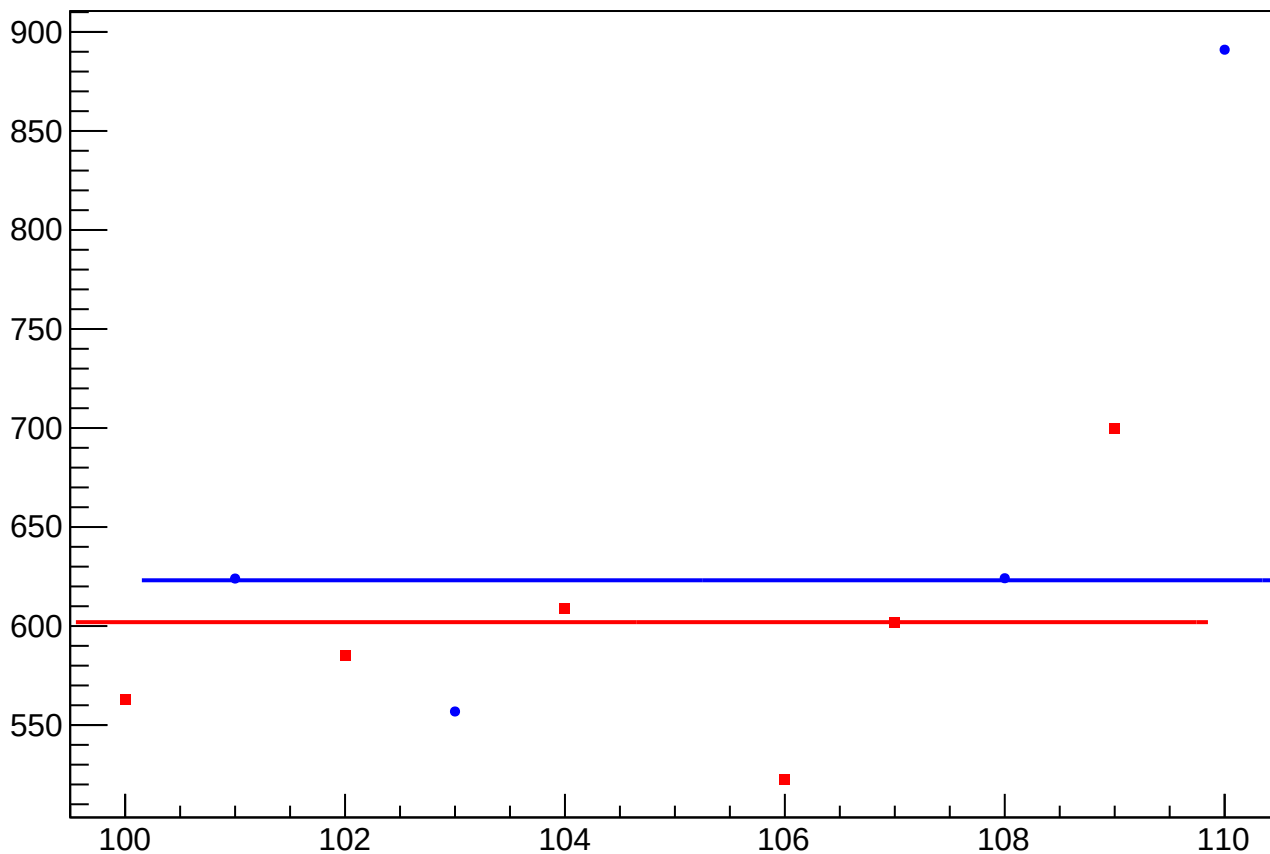
Right: -598.329+/-298.300 χ^2/NDF : 4.2/9

In: -340.494+/-442.383 χ^2/NDF : 0.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -598.329+/-298.300 χ^2/NDF : 4.2/9

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 623.108+/-0.313 χ^2/NDF : 84984.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 601.965+/-0.286 χ^2/NDF : 33775.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

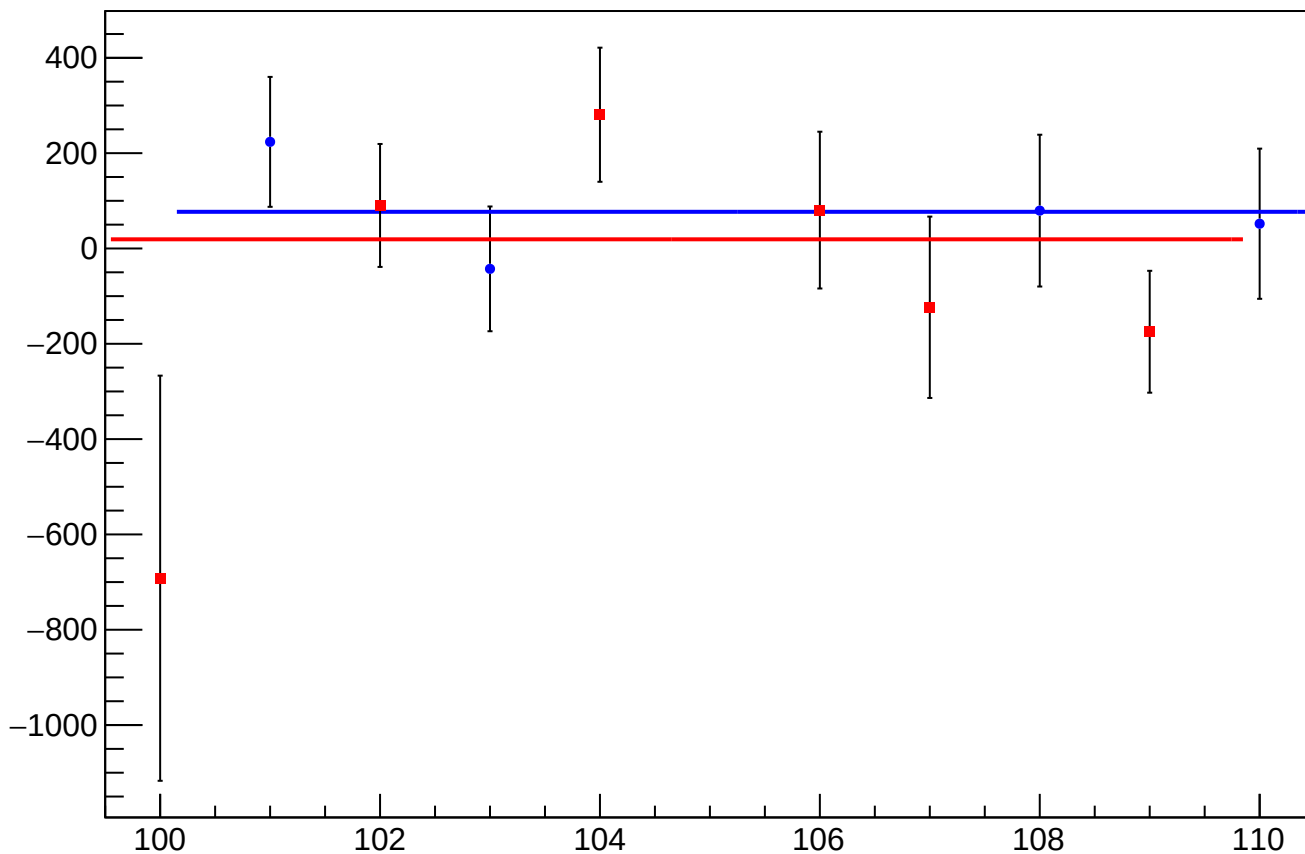
Right: 611.578+/-0.211 χ^2/NDF : 121250.8/9

In: 623.108+/-0.313 χ^2/NDF : 84984.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.578+/-0.211 χ^2/NDF : 121250.8/9

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 76.951 $\pm$ 72.186 χ^2 /NDF: 2.0/3

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 19.223 $\pm$ -64.298 χ^2 /NDF: 9.6/5

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

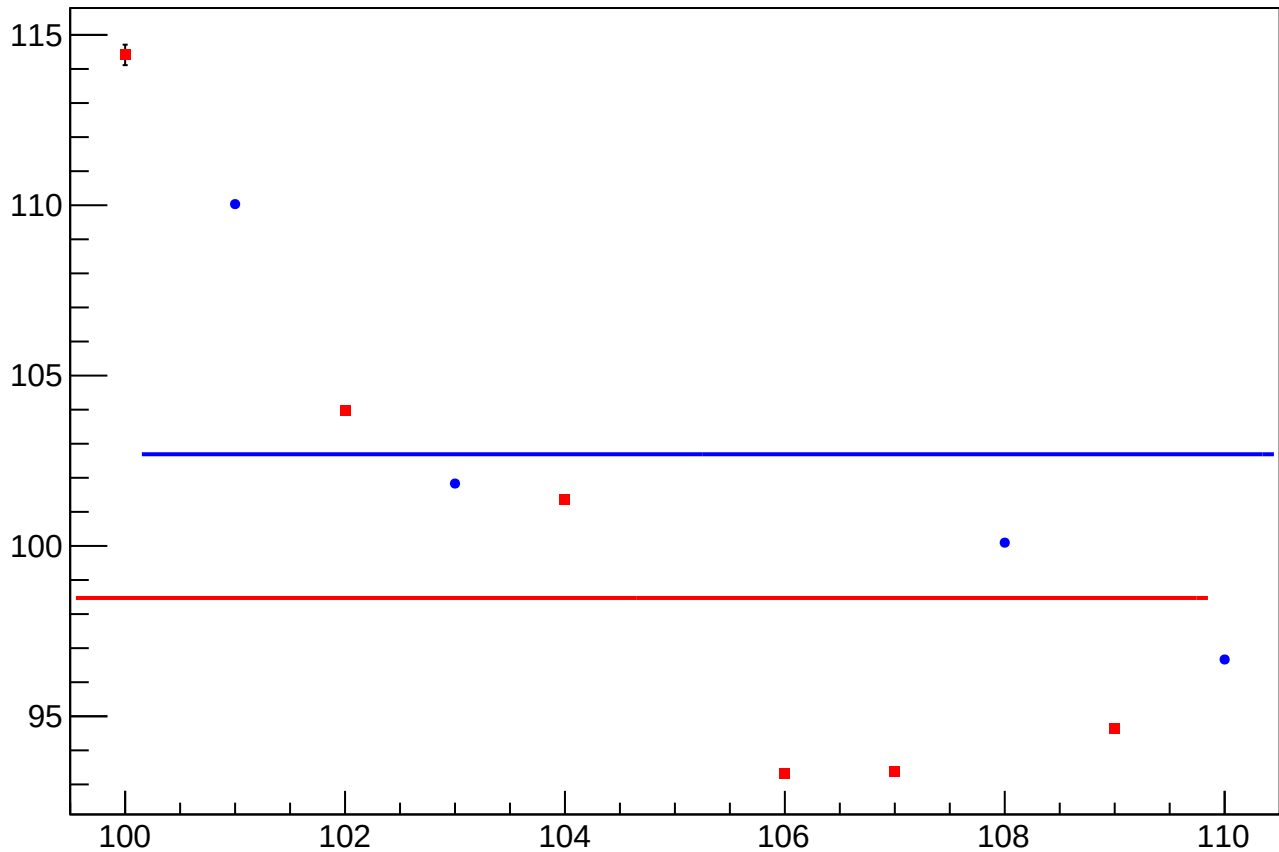
Right: 44.762 $\pm$ -48.013 χ^2 /NDF: 11.9/9

In: 76.951 $\pm$ -72.186 χ^2 /NDF:2.0/3

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 44.762 $\pm$ -48.013 χ^2 /NDF: 11.9/9

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 102.691+/-0.051 χ^2/NDF : 9343.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.473+/-0.045 χ^2/NDF : 12498.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

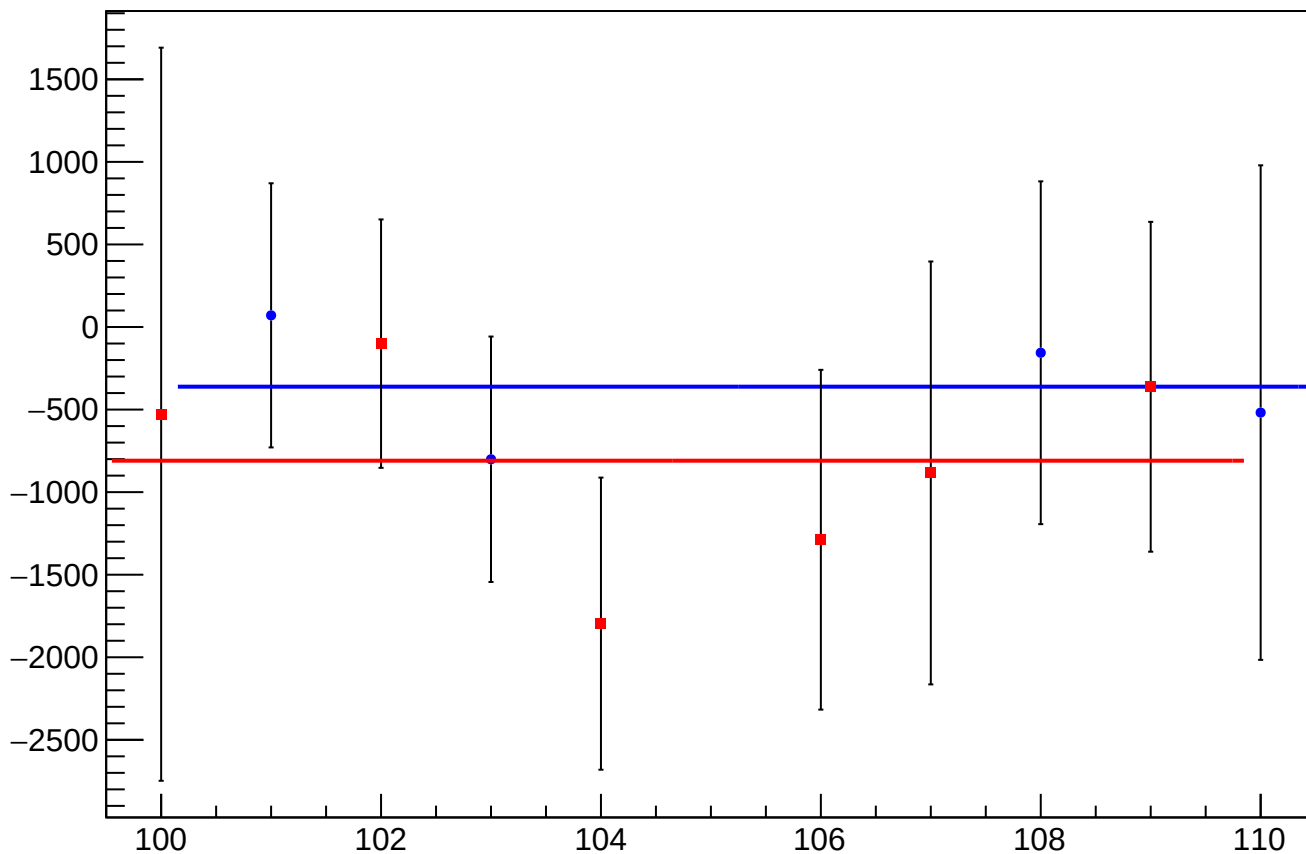
Right: 100.339+/-0.034 χ^2/NDF : 25651.0/9

In: 102.691+/-0.051 χ^2/NDF : 9343.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.339+/-0.034 χ^2/NDF : 25651.0/9

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -361.311+/-458.929 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -809.575+/-415.026 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

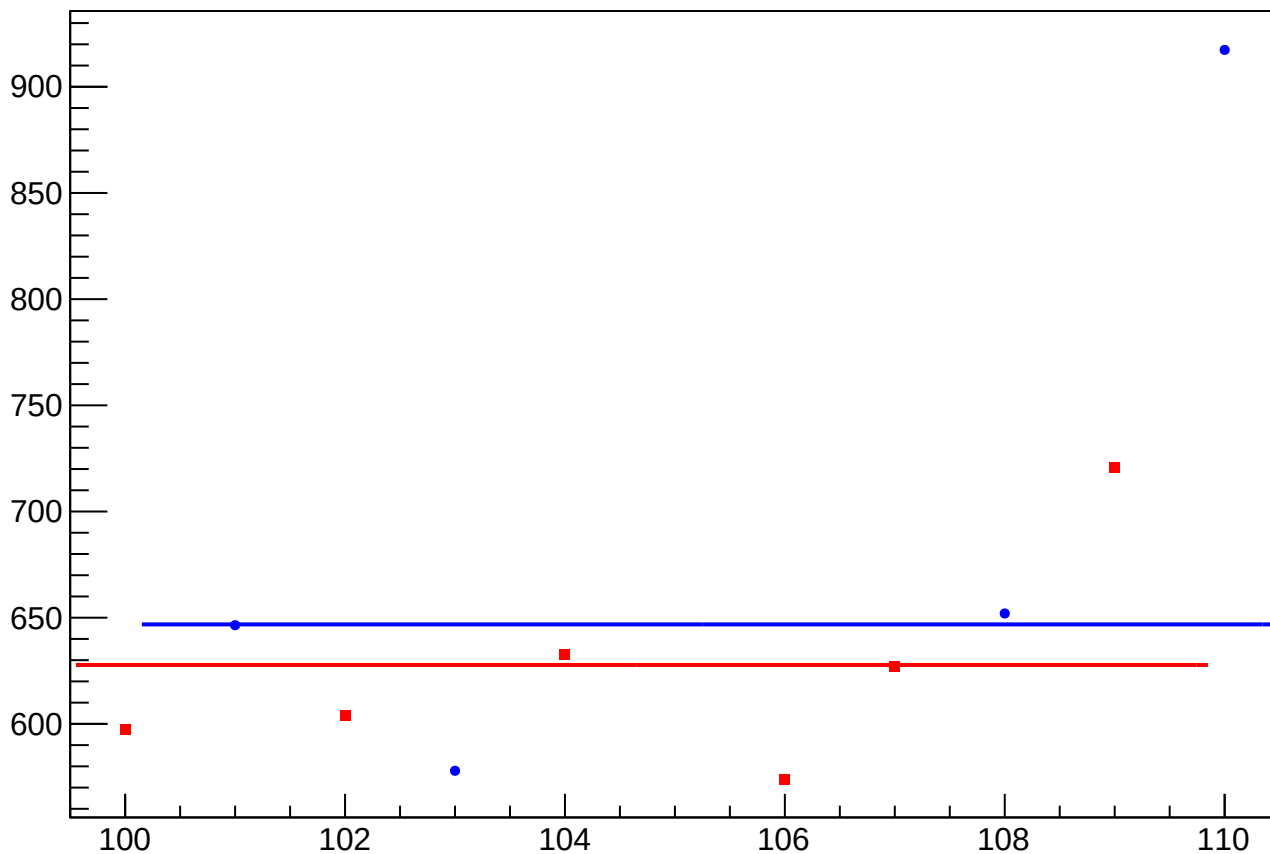
Right: -607.905+/-307.822 χ^2/NDF : 3.8/9

In: -361.311+/-458.929 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -607.905+/-307.822 χ^2/NDF : 3.8/9

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 646.850+/-0.325 χ^2/NDF : 82526.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 627.736+/-0.293 χ^2/NDF : 25141.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

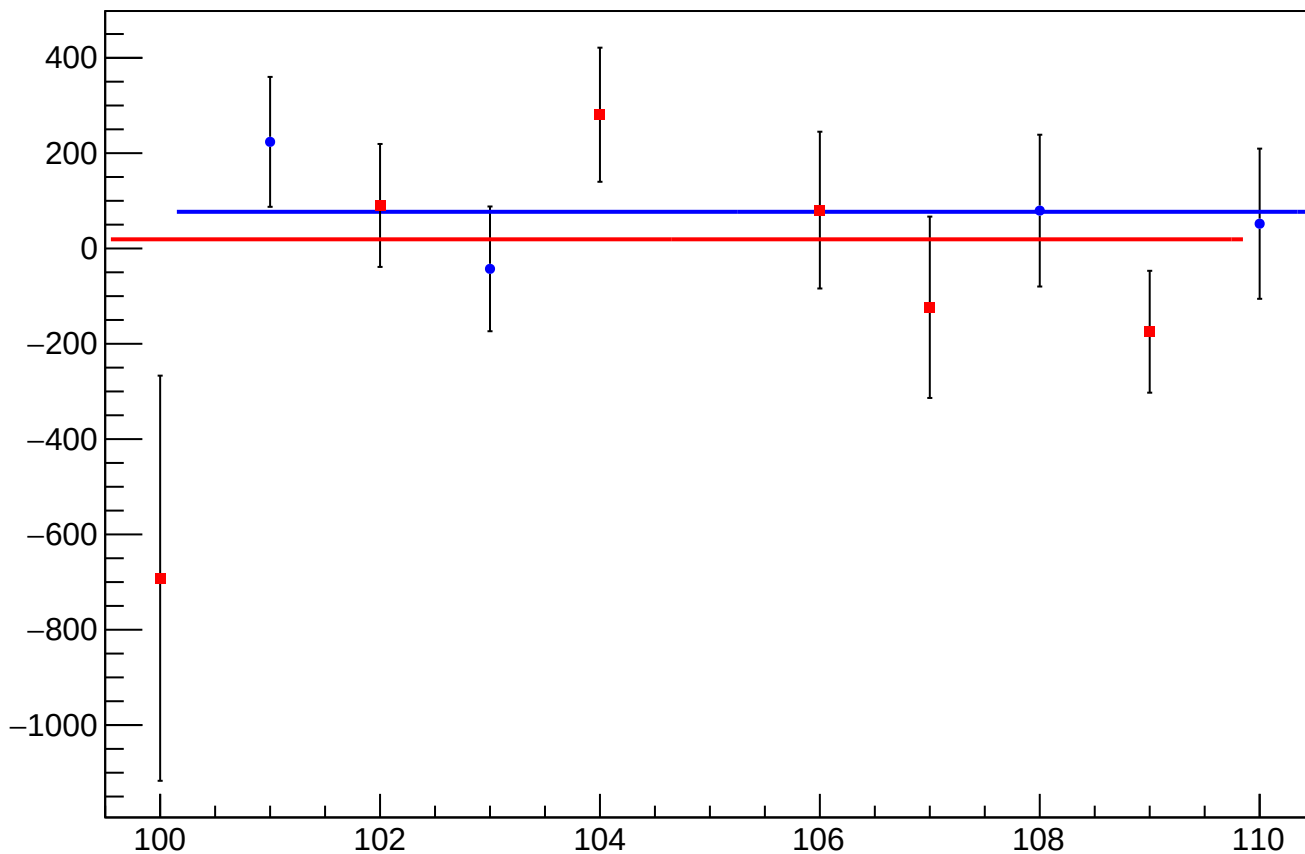
Right: 636.335+/-0.218 χ^2/NDF : 109576.0/9

In: 646.850+/-0.325 χ^2/NDF : 82526.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.335+/-0.218 χ^2/NDF : 109576.0/9

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 76.952 $\pm$ 72.186 χ^2 /NDF: 2.0/3

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 19.223 $\pm$ -64.298 χ^2 /NDF: 9.6/5

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

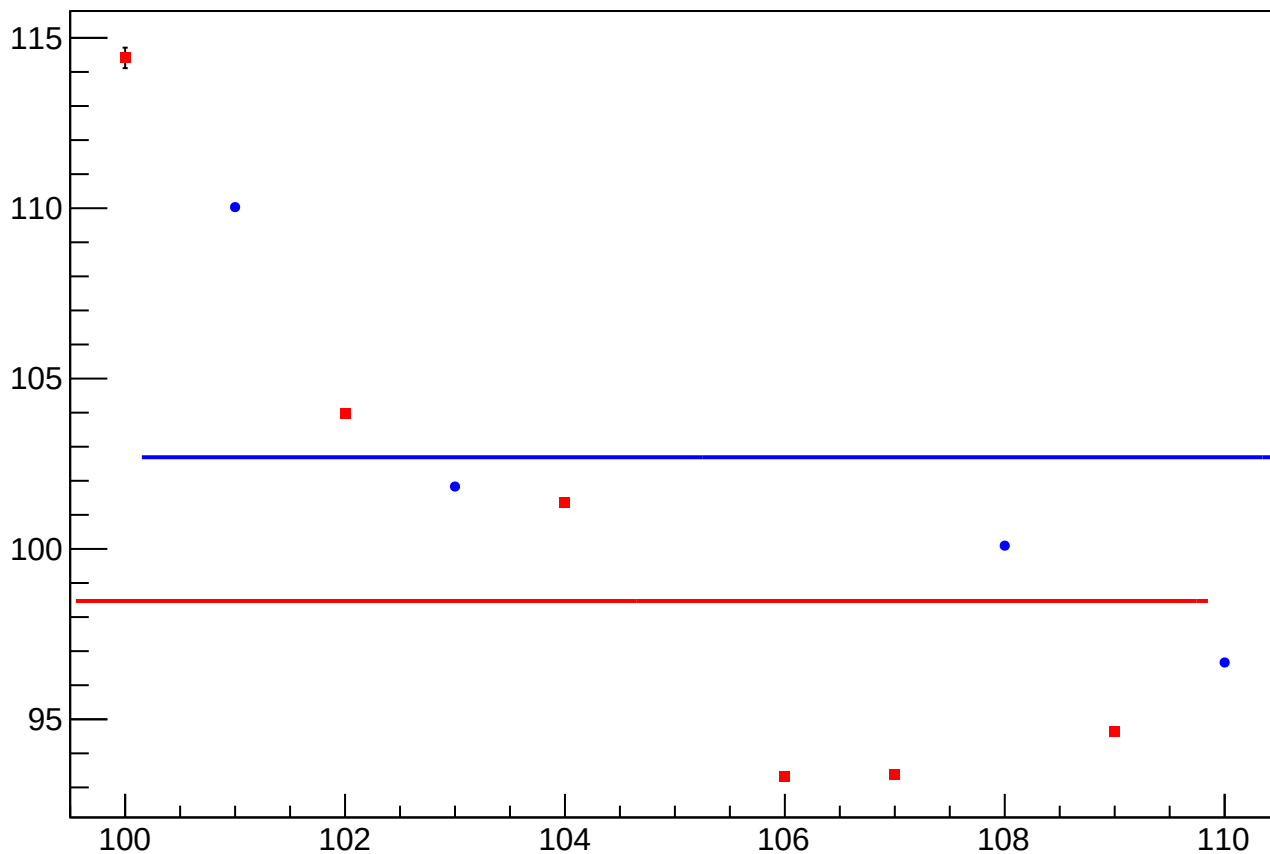
Right: 44.762 $\pm$ -48.013 χ^2 /NDF: 11.9/9

In: 76.952 $\pm$ -72.186 χ^2 /NDF:2.0/3

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 44.762 $\pm$ -48.013 χ^2 /NDF: 11.9/9

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 102.691+/-0.051 χ^2/NDF : 9343.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.472+/-0.045 χ^2/NDF : 12497.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

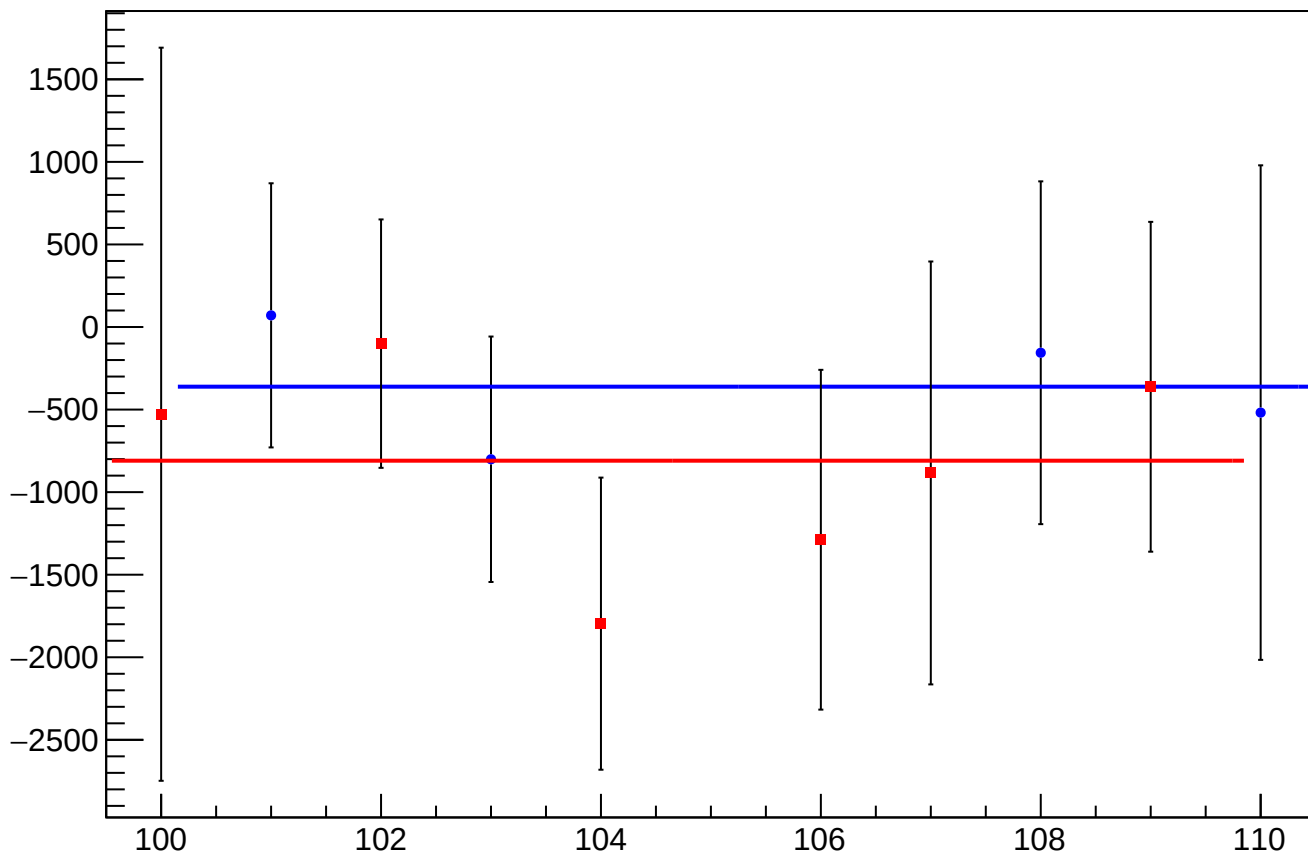
Right: 100.339+/-0.034 χ^2/NDF : 25650.8/9

In: 102.691+/-0.051 χ^2/NDF : 9343.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.339+/-0.034 χ^2/NDF : 25650.8/9

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -361.310+/-458.929 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -809.575+/-415.025 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

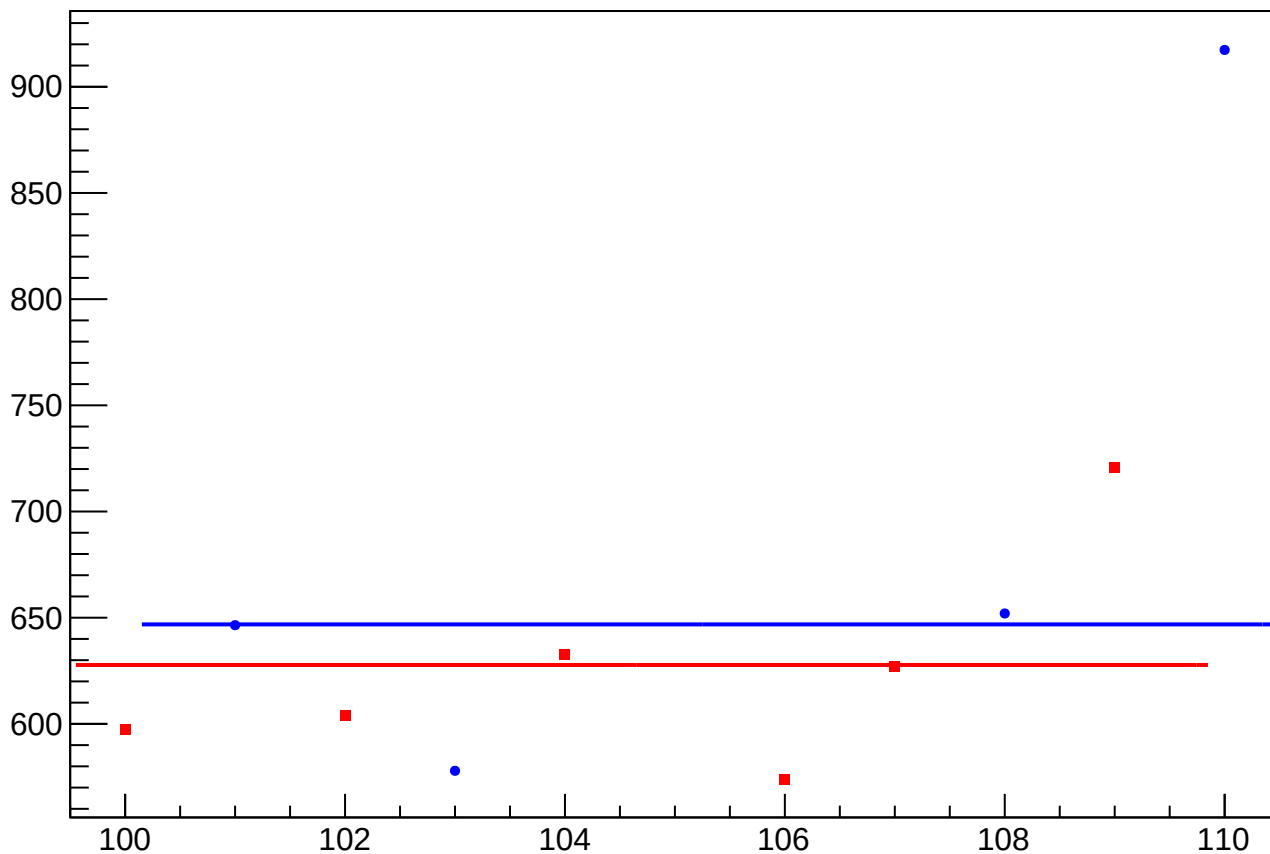
Right: -607.905+/-307.821 χ^2/NDF : 3.8/9

In: -361.310+/-458.929 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -607.905+/-307.821 χ^2/NDF : 3.8/9

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 646.850+/-0.325 χ^2/NDF : 82526.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 627.736+/-0.293 χ^2/NDF : 25141.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

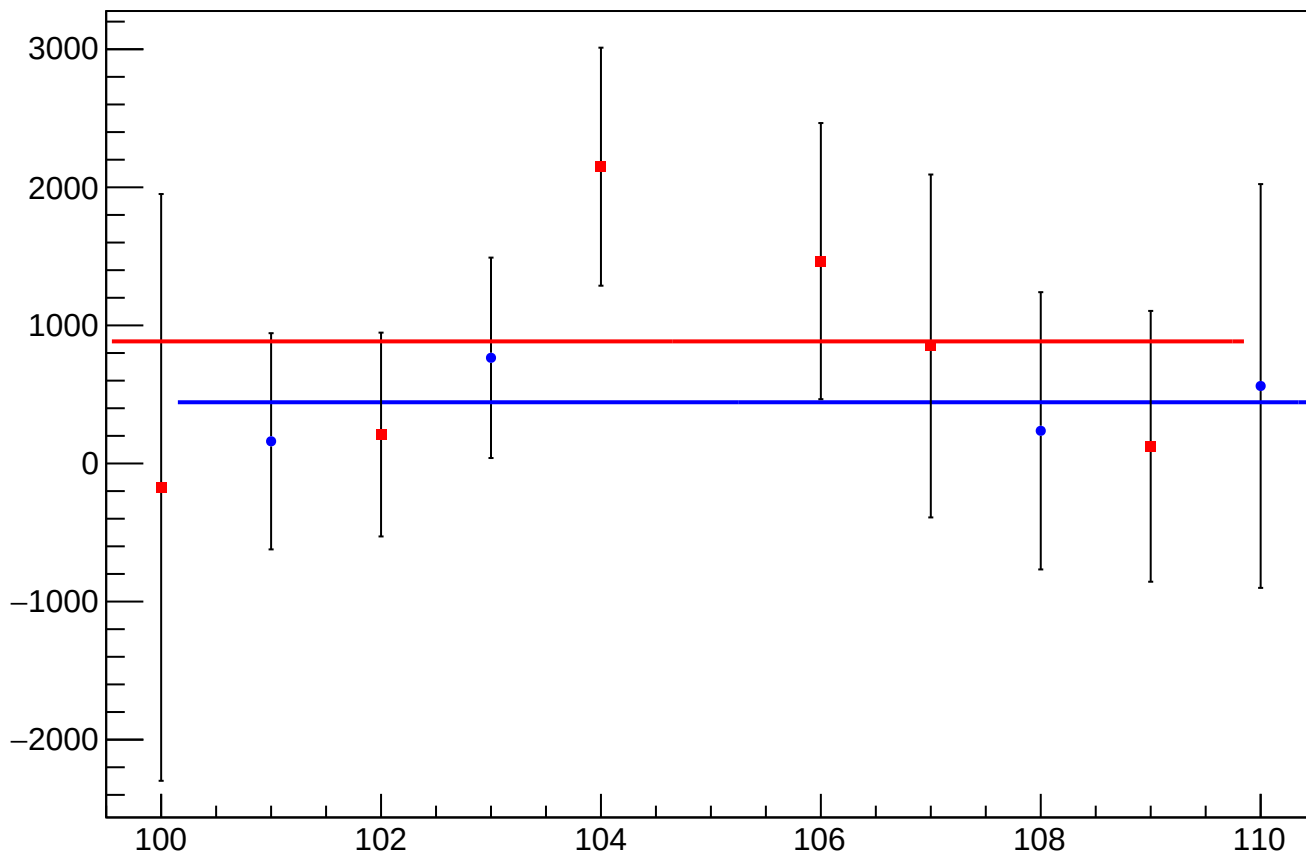
Right: 636.335+/-0.218 χ^2/NDF : 109575.8/9

In: 646.850+/-0.325 χ^2/NDF : 82526.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.335+/-0.218 χ^2/NDF : 109575.8/9

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 443.405+/-447.669 χ^2/NDF : 0.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 884.220+/-405.151 χ^2/NDF : 4.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

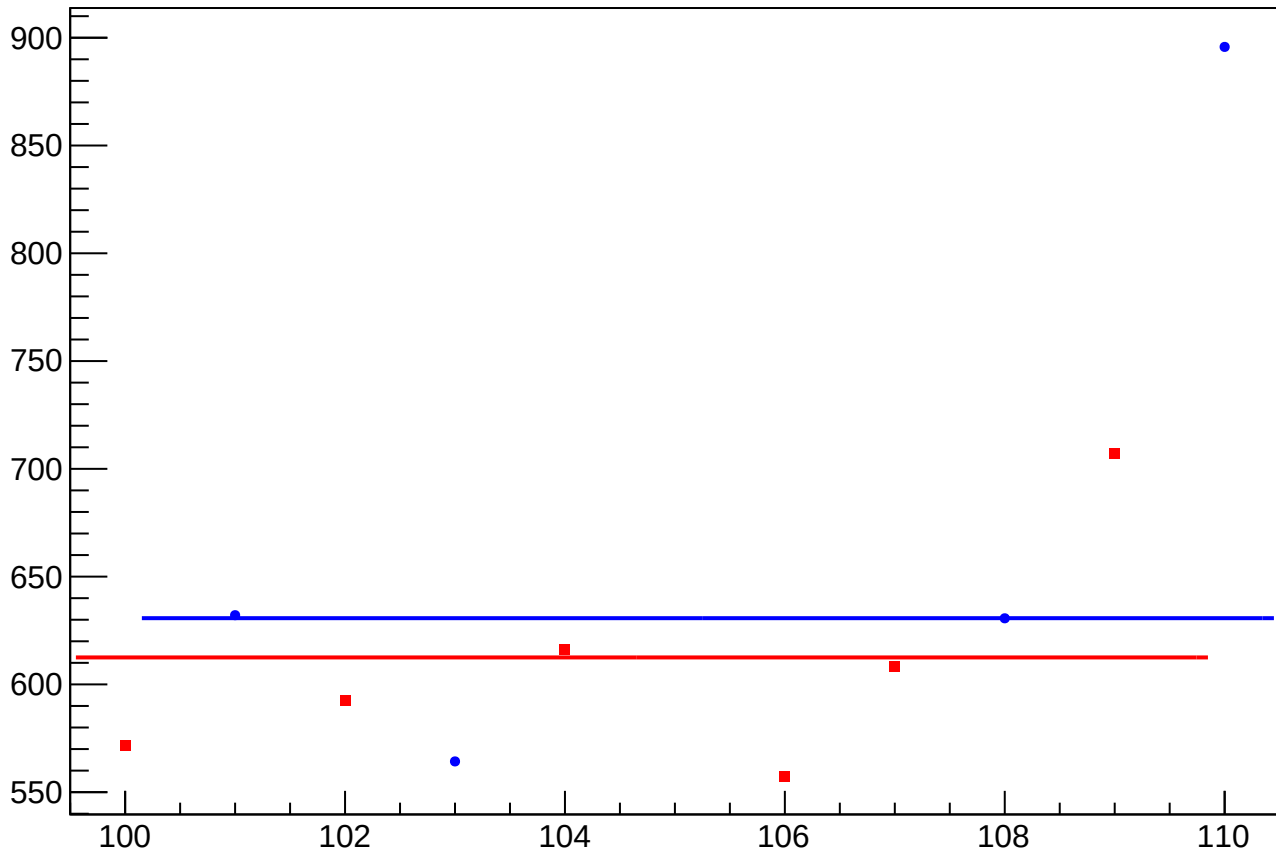
Right: 685.735+/-300.395 χ^2/NDF : 5.1/9

In: 443.405+/-447.669 χ^2/NDF : 0.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.735+/-300.395 χ^2/NDF : 5.1/9

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 630.723+/-0.317 χ^2/NDF : 82485.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 612.510+/-0.286 χ^2/NDF : 26941.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

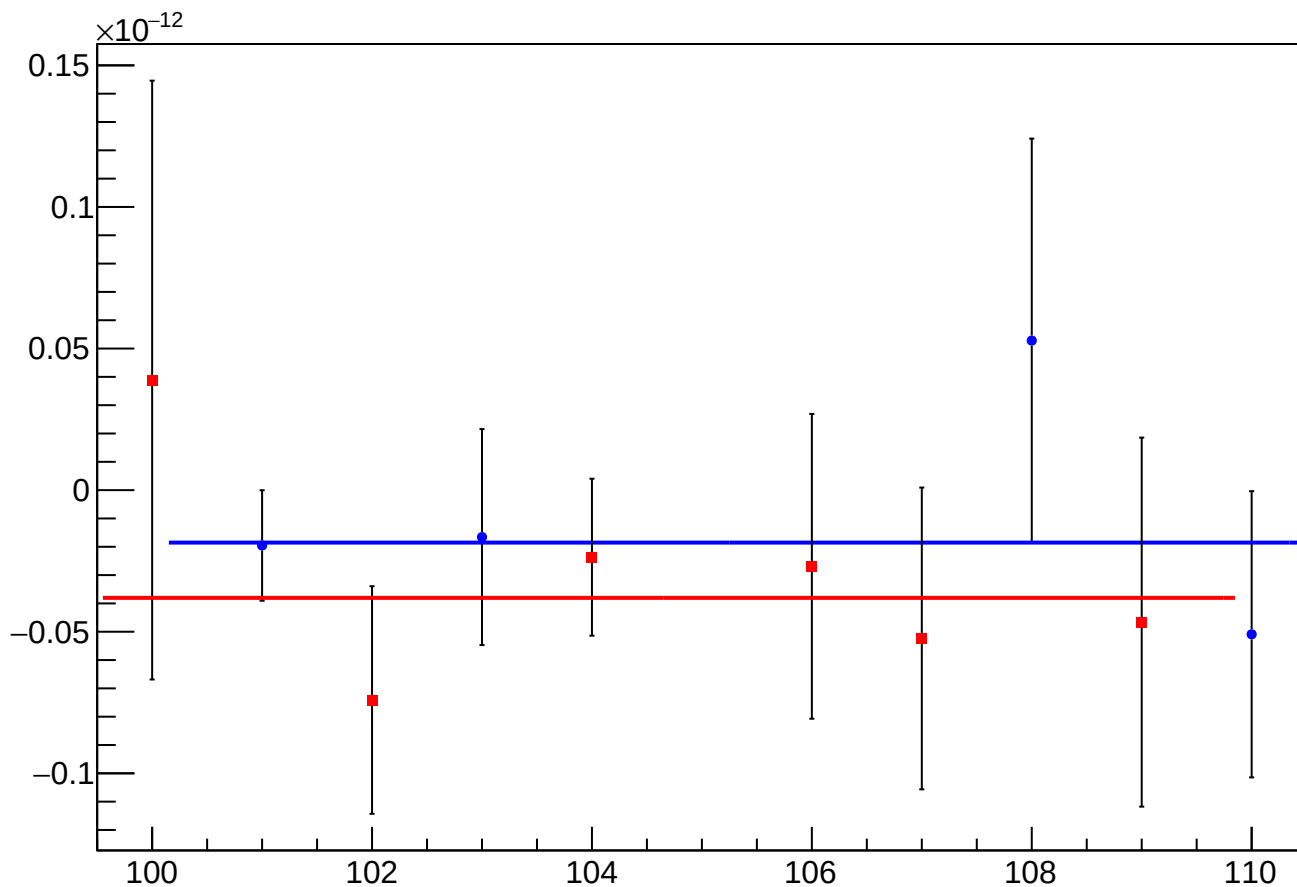
Right: 620.710+/-0.212 χ^2/NDF : 111247.2/9

In: 630.723+/-0.317 χ^2/NDF : 82485.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.710+/-0.212 χ^2/NDF : 111247.2/9

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

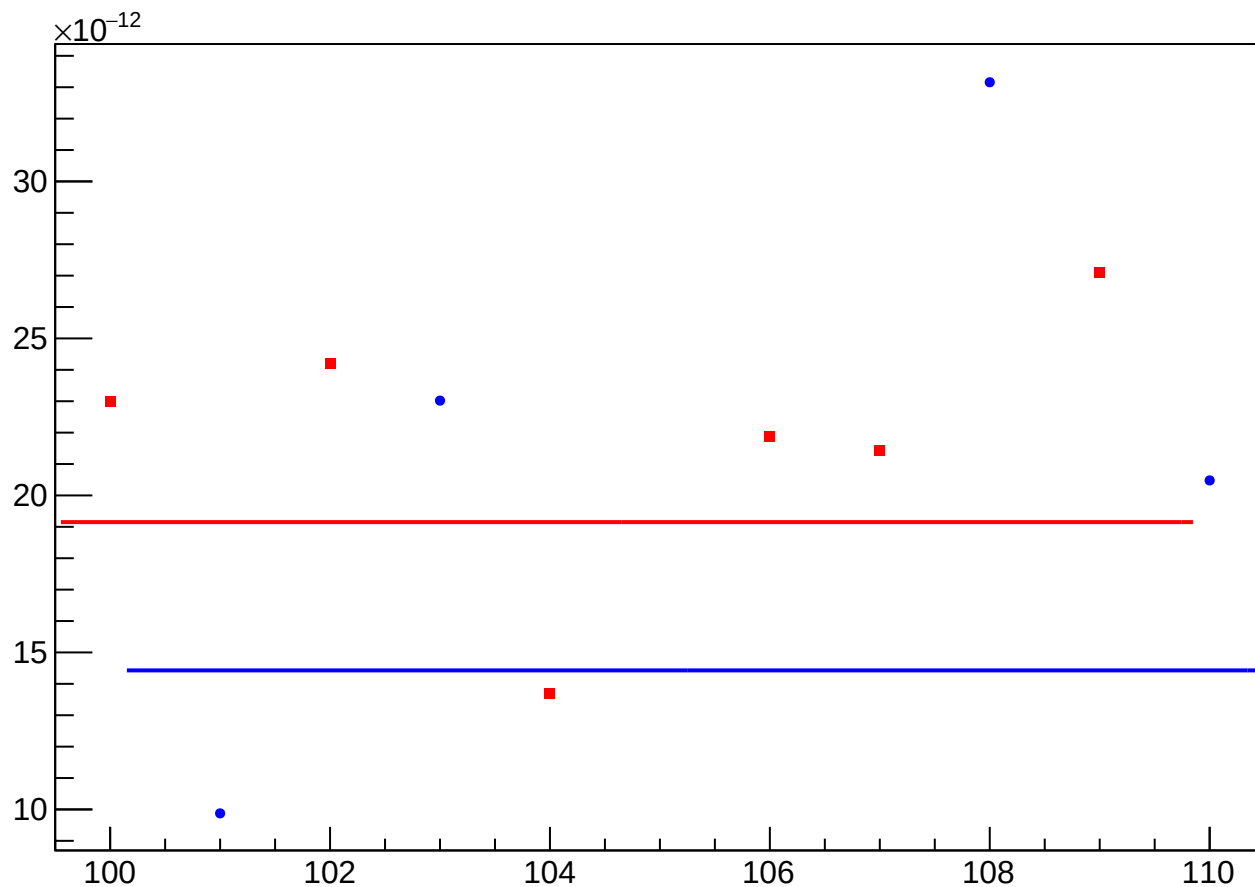
Right: -0.000+/-0.000 χ^2/NDF : 3.8/9

In: -0.000+/-0.000 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.8/9

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 376989.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 150098.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

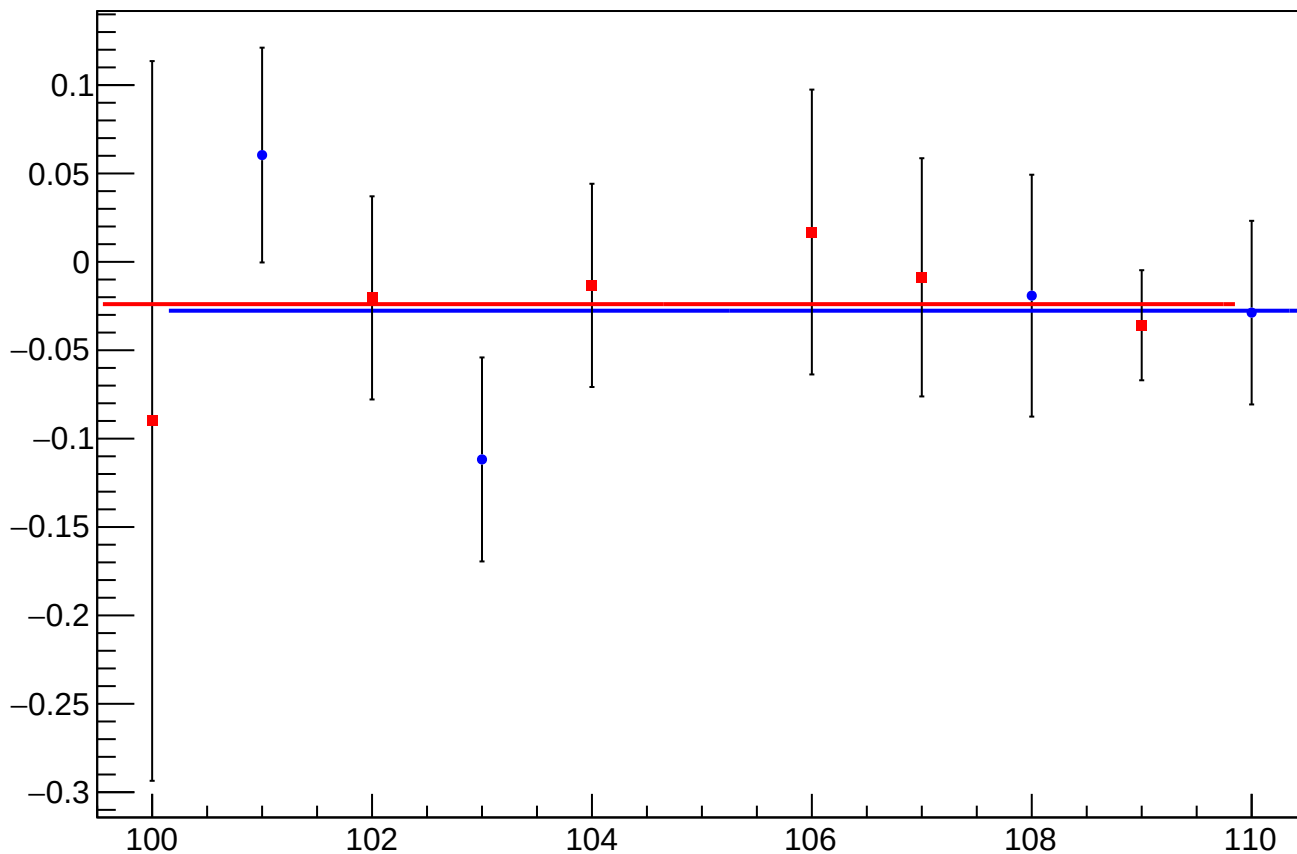
Right: 0.000+/-0.000 χ^2/NDF : 601913.0/9

In: 0.000+/-0.000 χ^2/NDF : 376989.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 601913.0/9

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.029 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.024+/-0.022 χ^2/NDF : 0.6/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

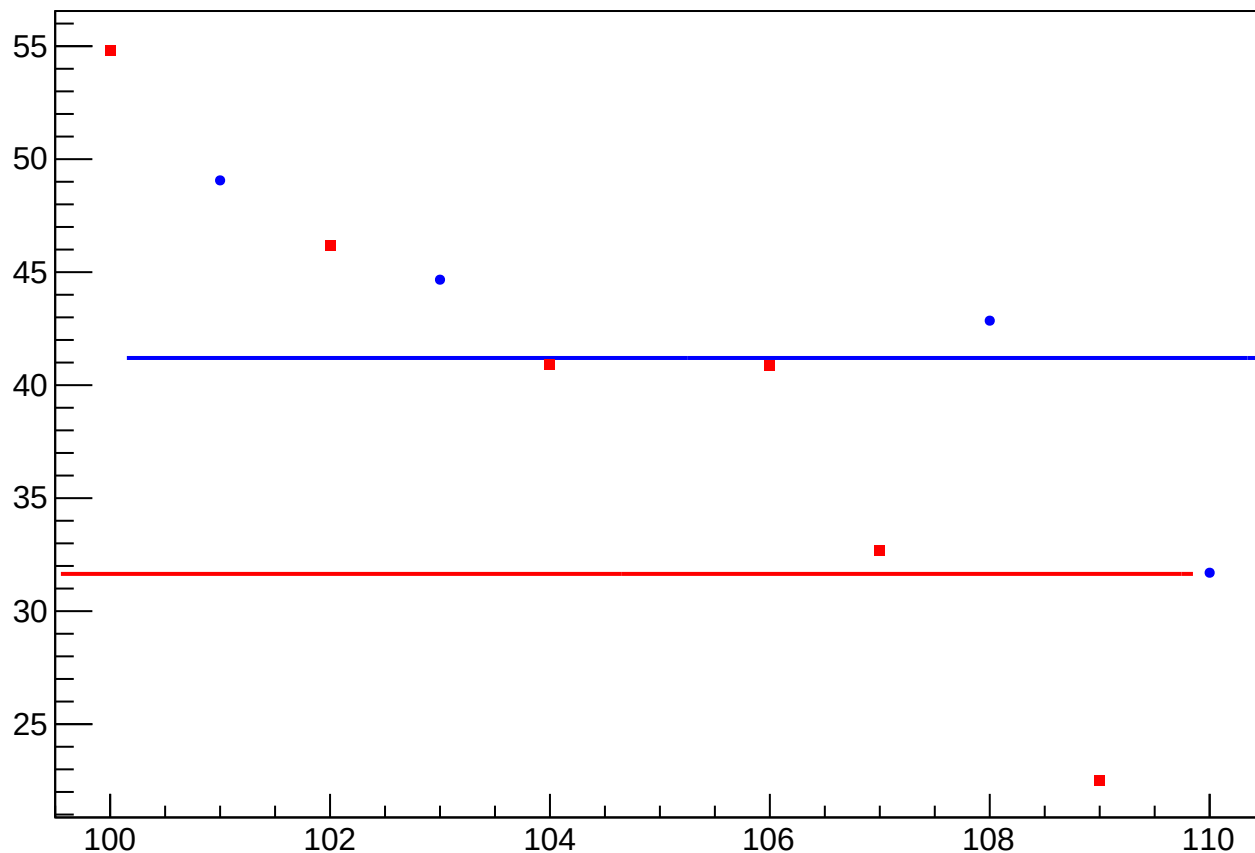
Right: -0.025+/-0.018 χ^2/NDF : 4.9/9

In: -0.028+/-0.029 χ^2/NDF :4.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.025+/-0.018 χ^2/NDF : 4.9/9

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.203+/-0.021 χ^2/NDF : 108790.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.648+/-0.016 χ^2/NDF : 404965.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

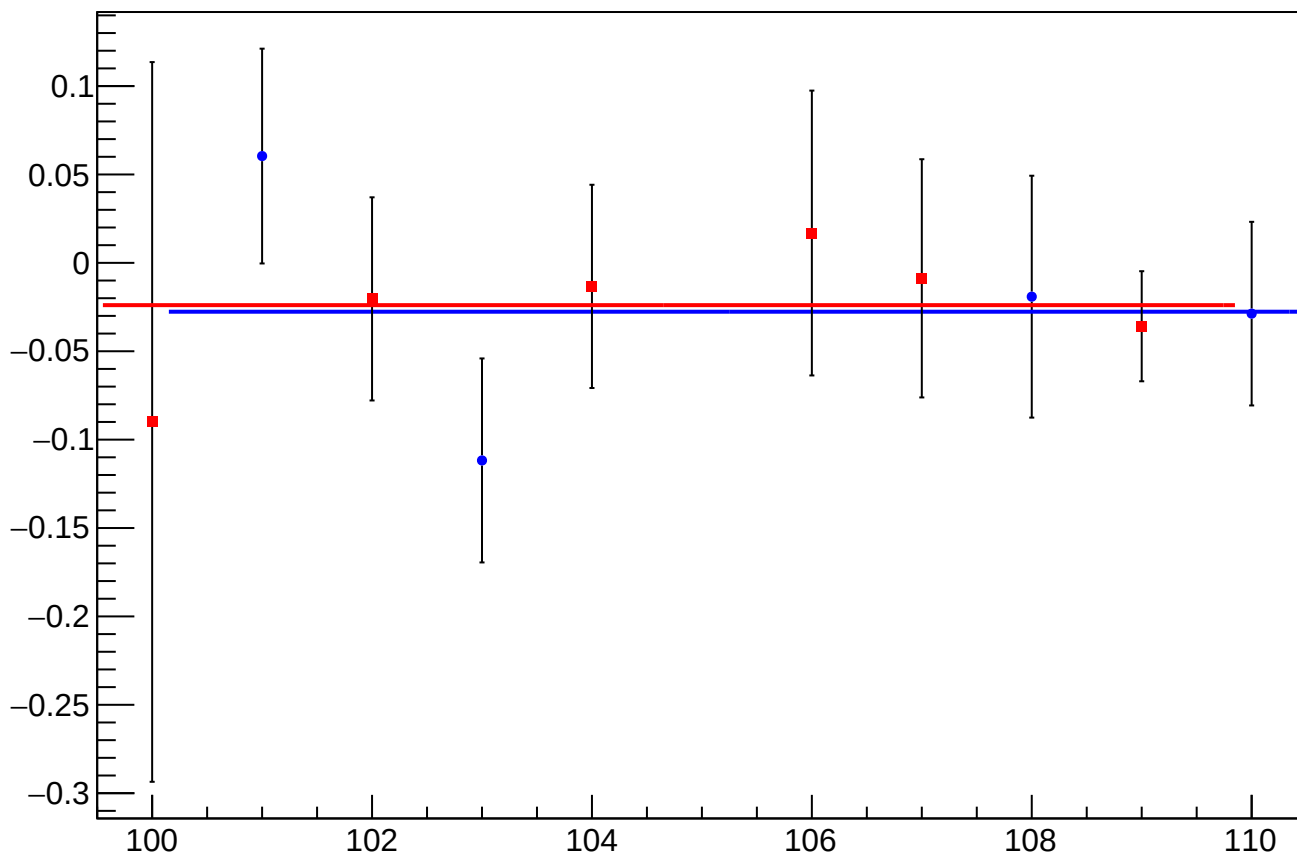
Right: 35.108+/-0.013 χ^2/NDF : 648345.3/9

In: 41.203+/-0.021 χ^2/NDF : 108790.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.108+/-0.013 χ^2/NDF : 648345.3/9

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.029 χ^2 /NDF: 4.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.022 χ^2 /NDF: 0.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

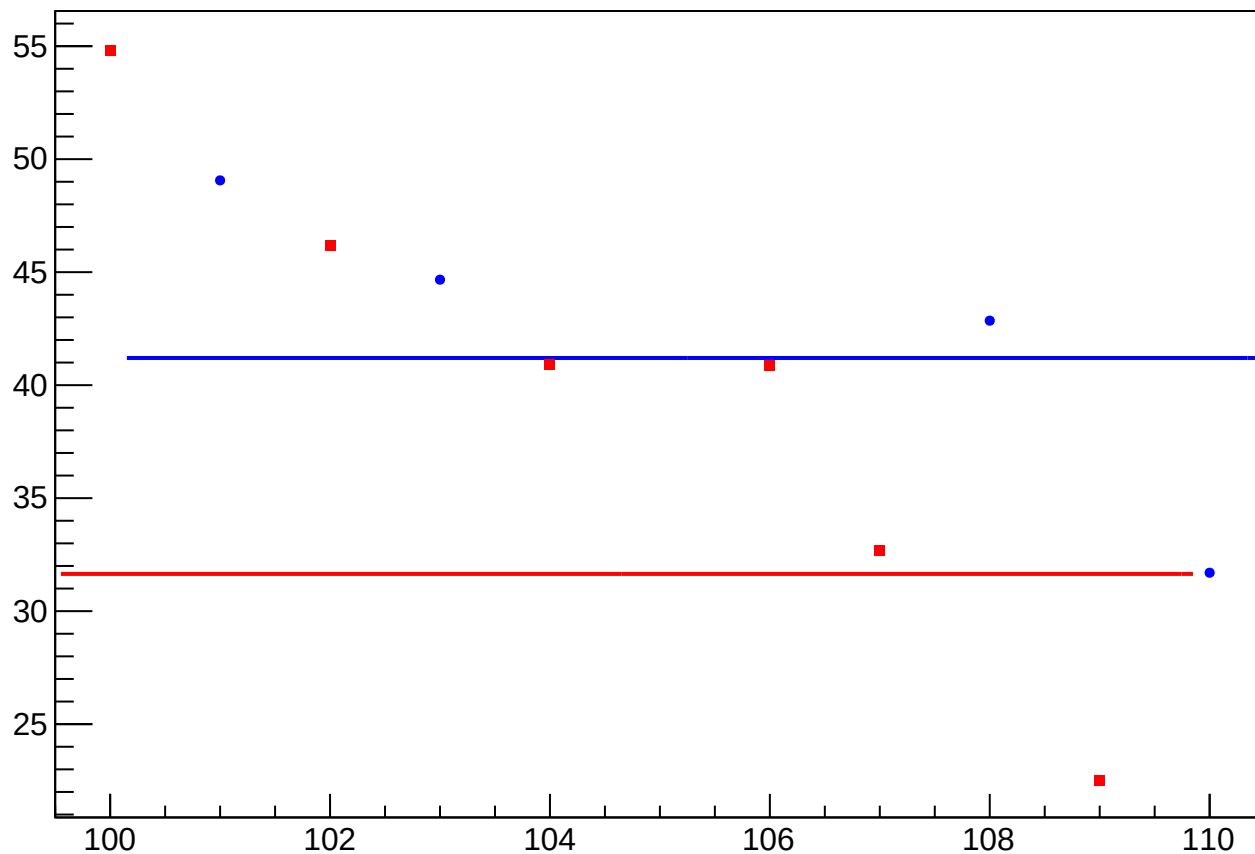
Right: -0.025 $\pm$ 0.018 χ^2 /NDF: 4.9/9

In: -0.028 $\pm$ 0.029 χ^2 /NDF:4.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.018 χ^2 /NDF: 4.9/9

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.203+/-0.021 χ^2/NDF : 108790.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.648+/-0.016 χ^2/NDF : 404965.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

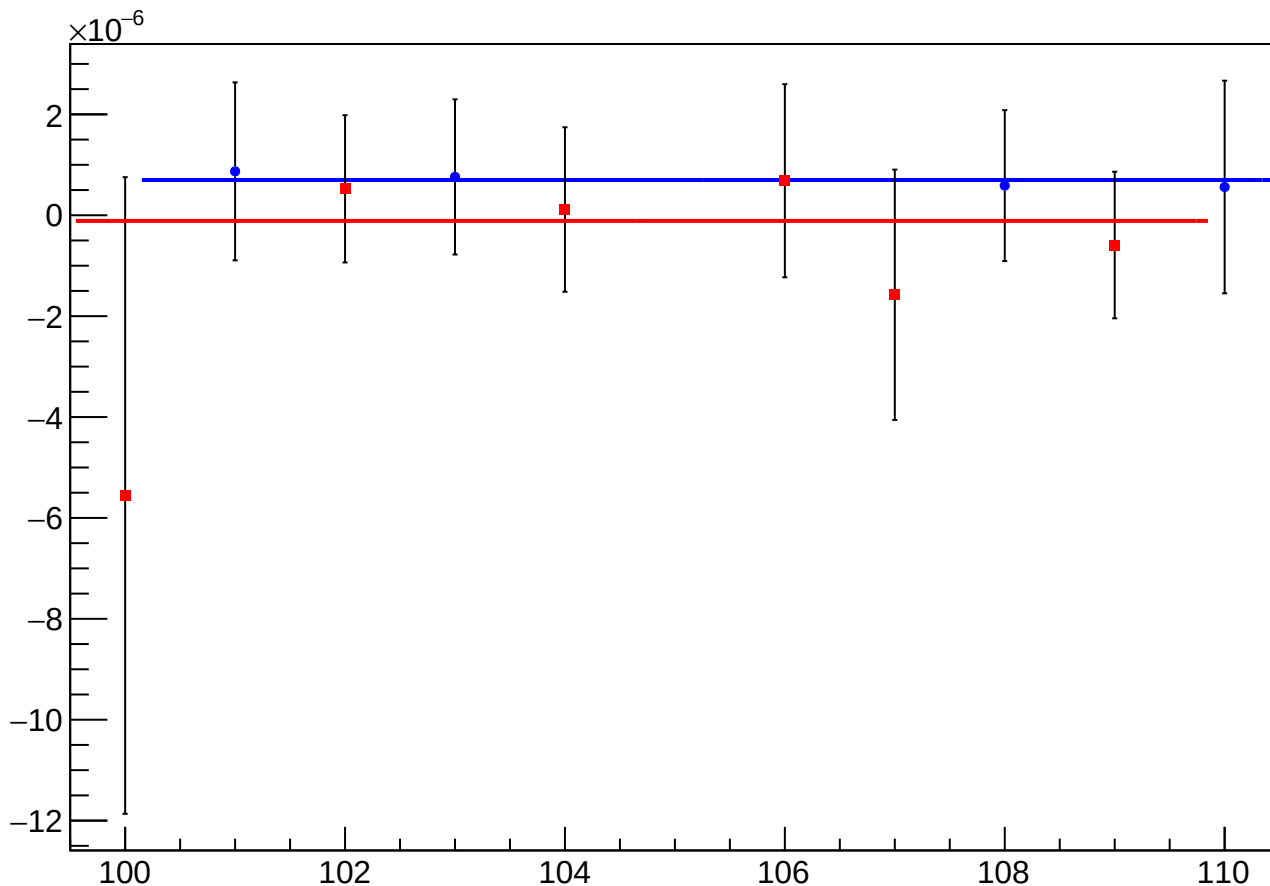
Right: 35.108+/-0.013 χ^2/NDF : 648345.3/9

In: 41.203+/-0.021 χ^2/NDF : 108790.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.108+/-0.013 χ^2/NDF : 648345.3/9

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

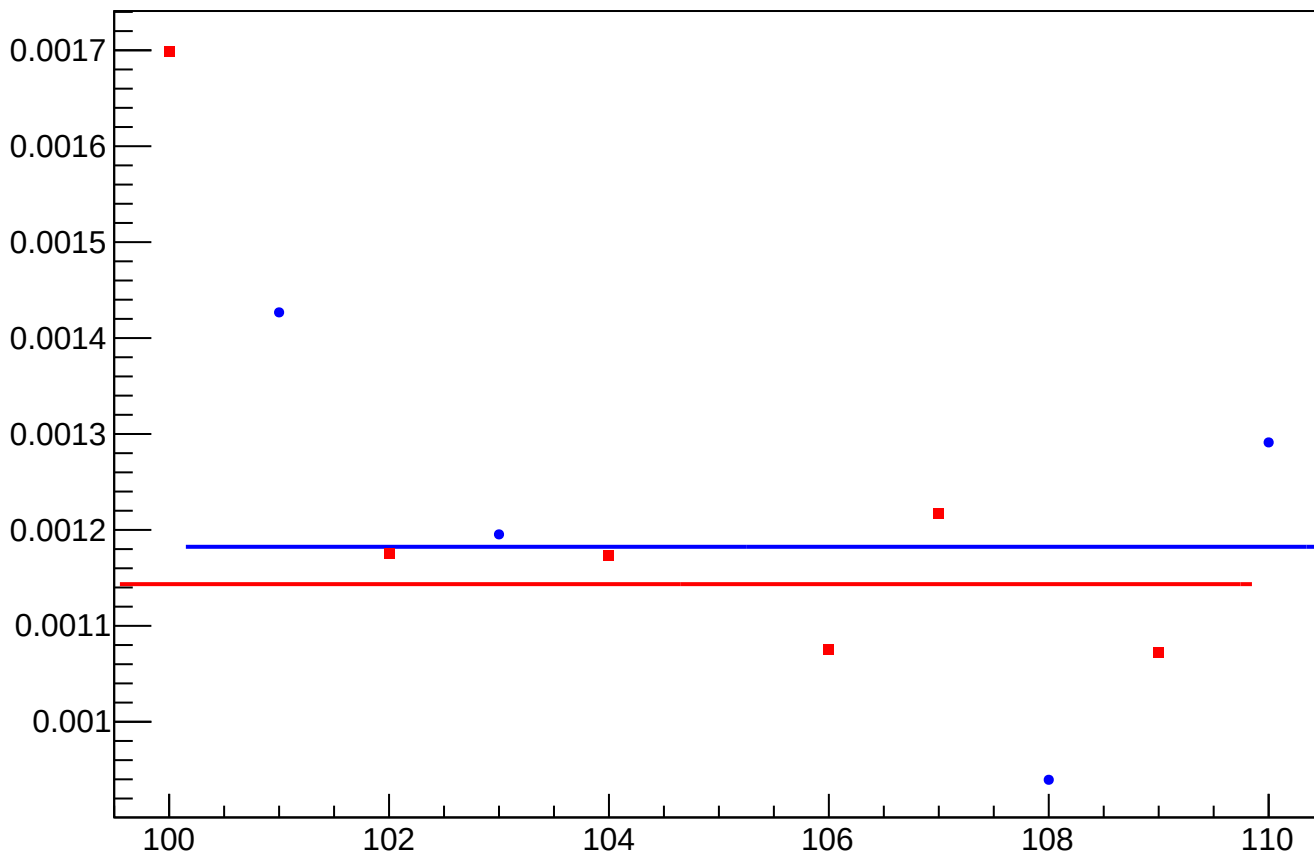
Right: 0.000+/-0.000 χ^2/NDF : 2.1/9

In: 0.000+/-0.000 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.1/9

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 96561.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 26220.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

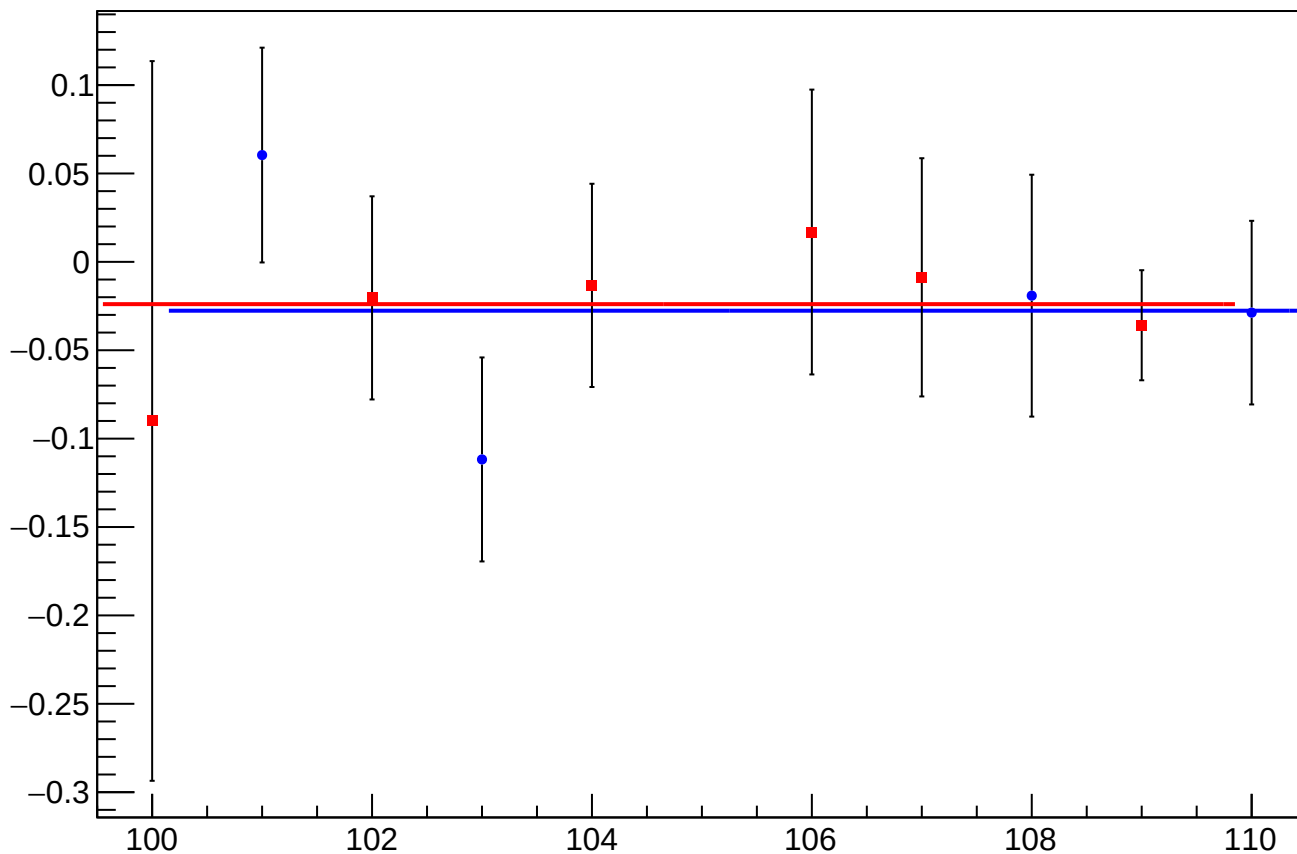
Right: 0.001+/-0.000 χ^2/NDF : 125172.1/9

In: 0.001+/-0.000 χ^2/NDF : 96561.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 125172.1/9

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.029 χ^2 /NDF: 4.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.022 χ^2 /NDF: 0.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

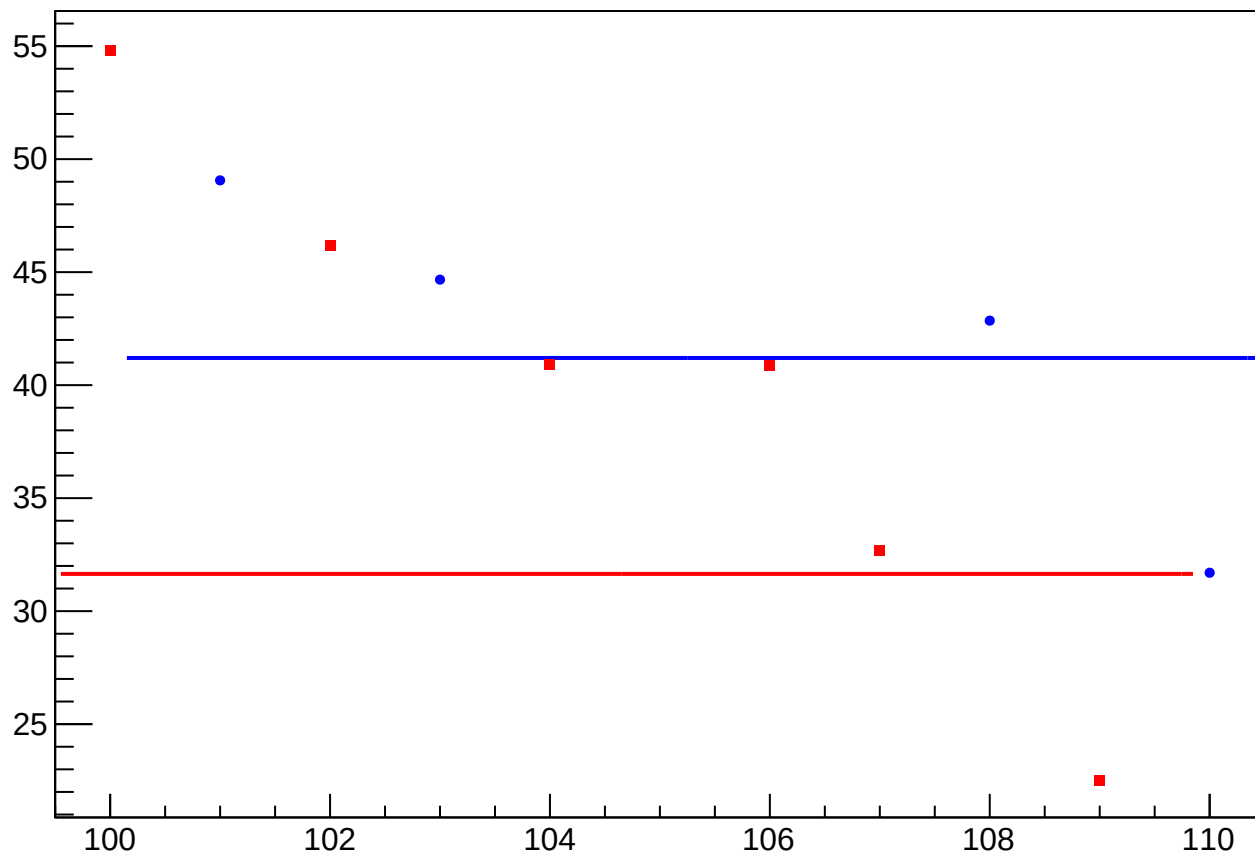
Right: -0.025 $\pm$ 0.018 χ^2 /NDF: 4.9/9

In: -0.028 $\pm$ 0.029 χ^2 /NDF:4.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.018 χ^2 /NDF: 4.9/9

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.202+/-0.021 χ^2/NDF : 108802.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.648+/-0.016 χ^2/NDF : 404993.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

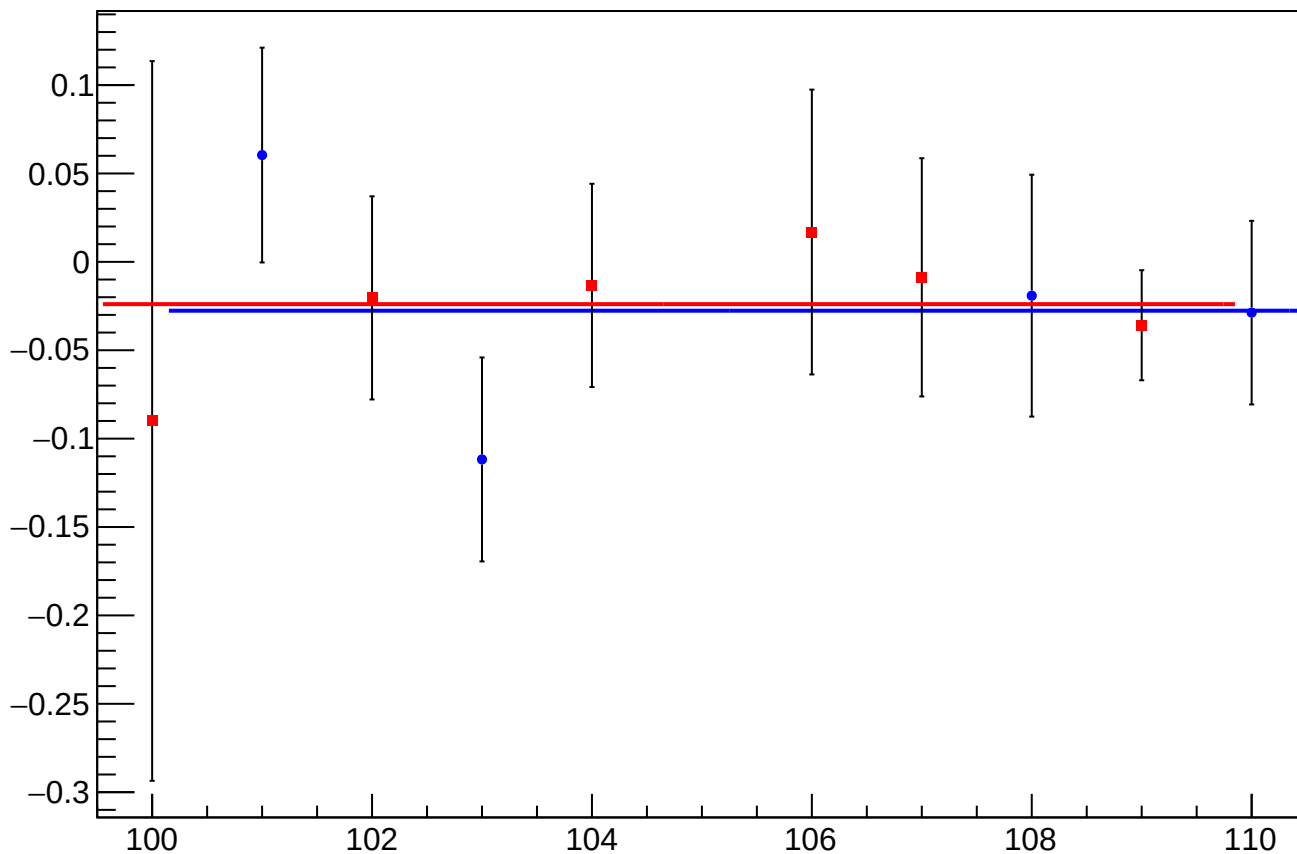
Right: 35.108+/-0.013 χ^2/NDF : 648390.9/9

In: 41.202+/-0.021 χ^2/NDF : 108802.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.108+/-0.013 χ^2/NDF : 648390.9/9

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.029 χ^2 /NDF: 4.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.022 χ^2 /NDF: 0.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

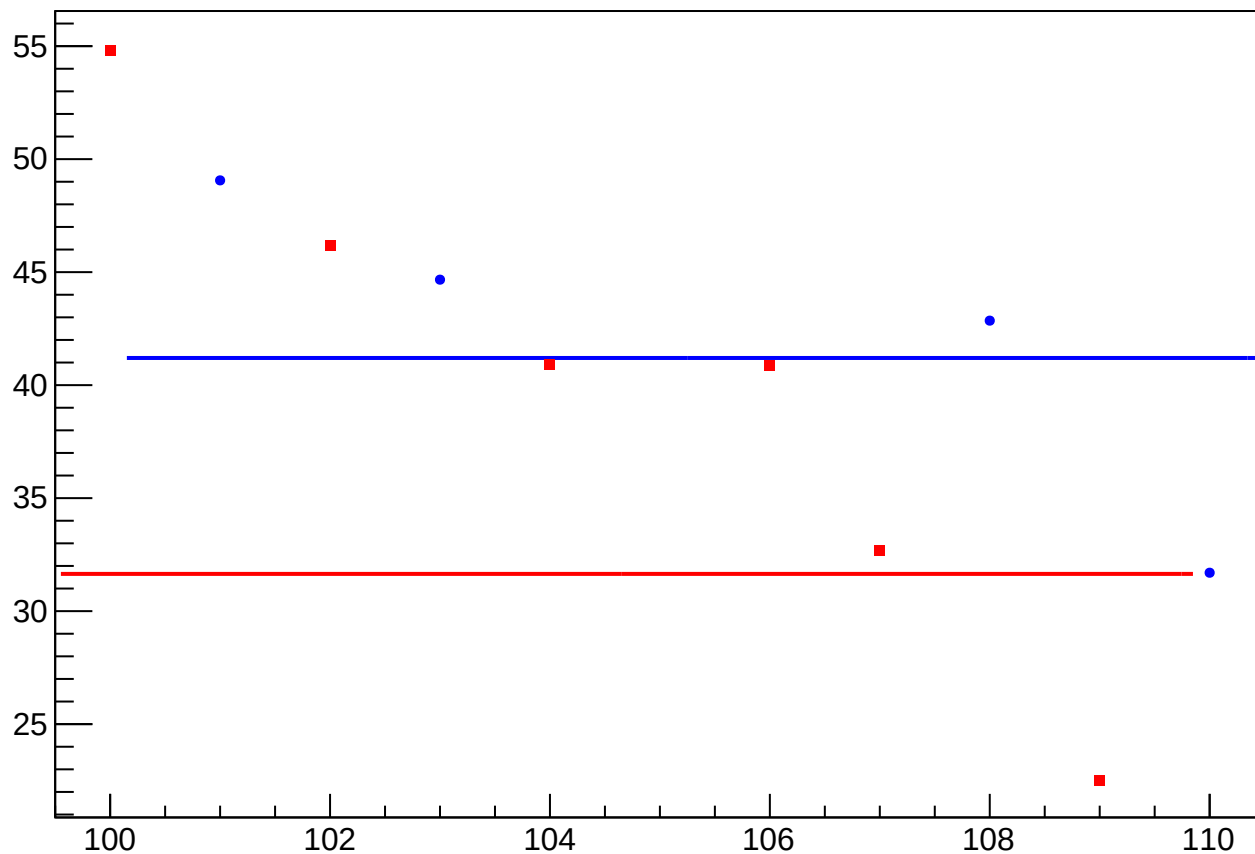
Right: -0.025 $\pm$ 0.018 χ^2 /NDF: 4.9/9

In: -0.028 $\pm$ 0.029 χ^2 /NDF:4.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.018 χ^2 /NDF: 4.9/9

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.202 $\pm$ 0.021 χ^2 /NDF: 108802.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.648 $\pm$ 0.016 χ^2 /NDF: 404993.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

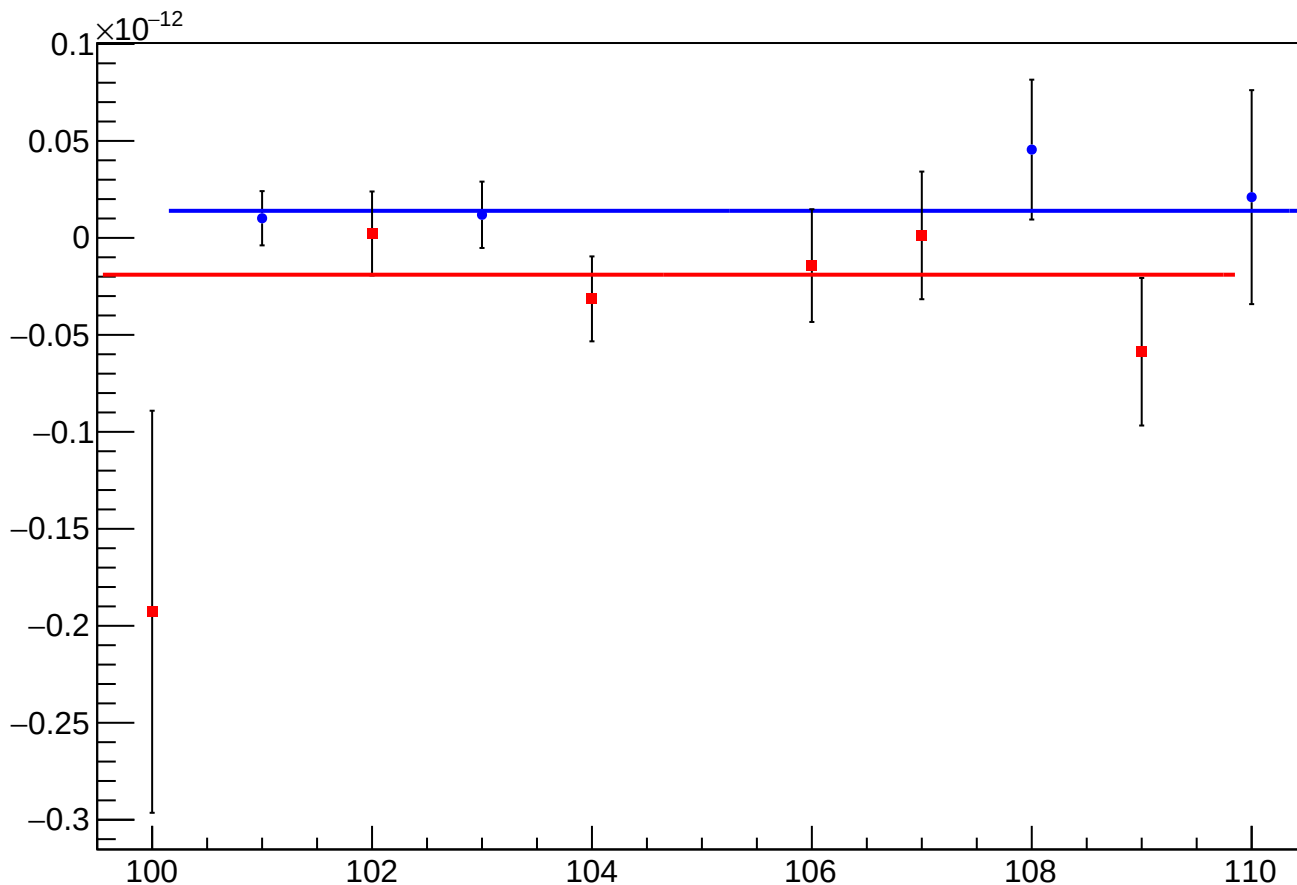
Right: 35.108 $\pm$ 0.013 χ^2 /NDF: 648390.9/9

In: 41.202 $\pm$ 0.021 χ^2 /NDF:108802.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.108 $\pm$ 0.013 χ^2 /NDF: 648390.9/9

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

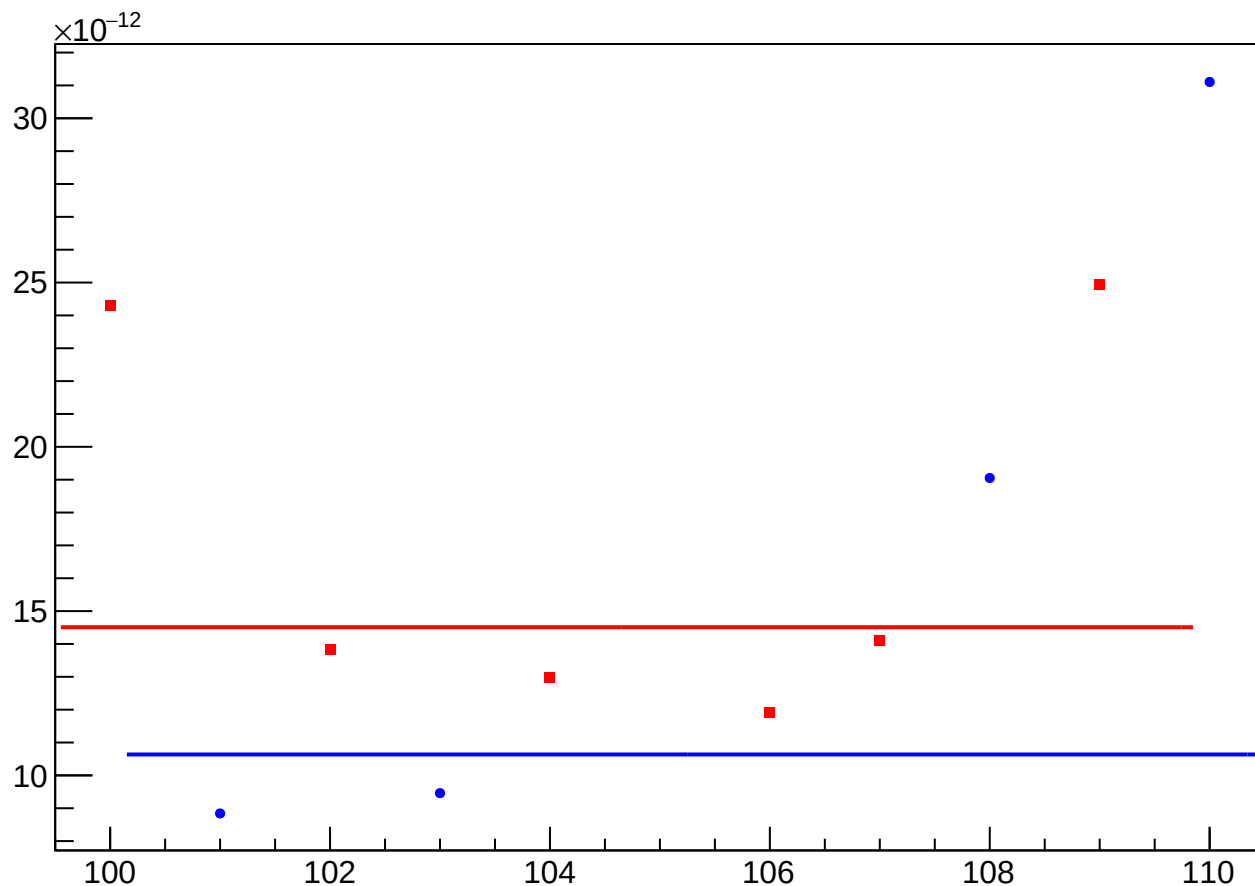
Right: -0.000+/-0.000 χ^2/NDF : 10.9/9

In: 0.000+/-0.000 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.9/9

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 426827.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 196798.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

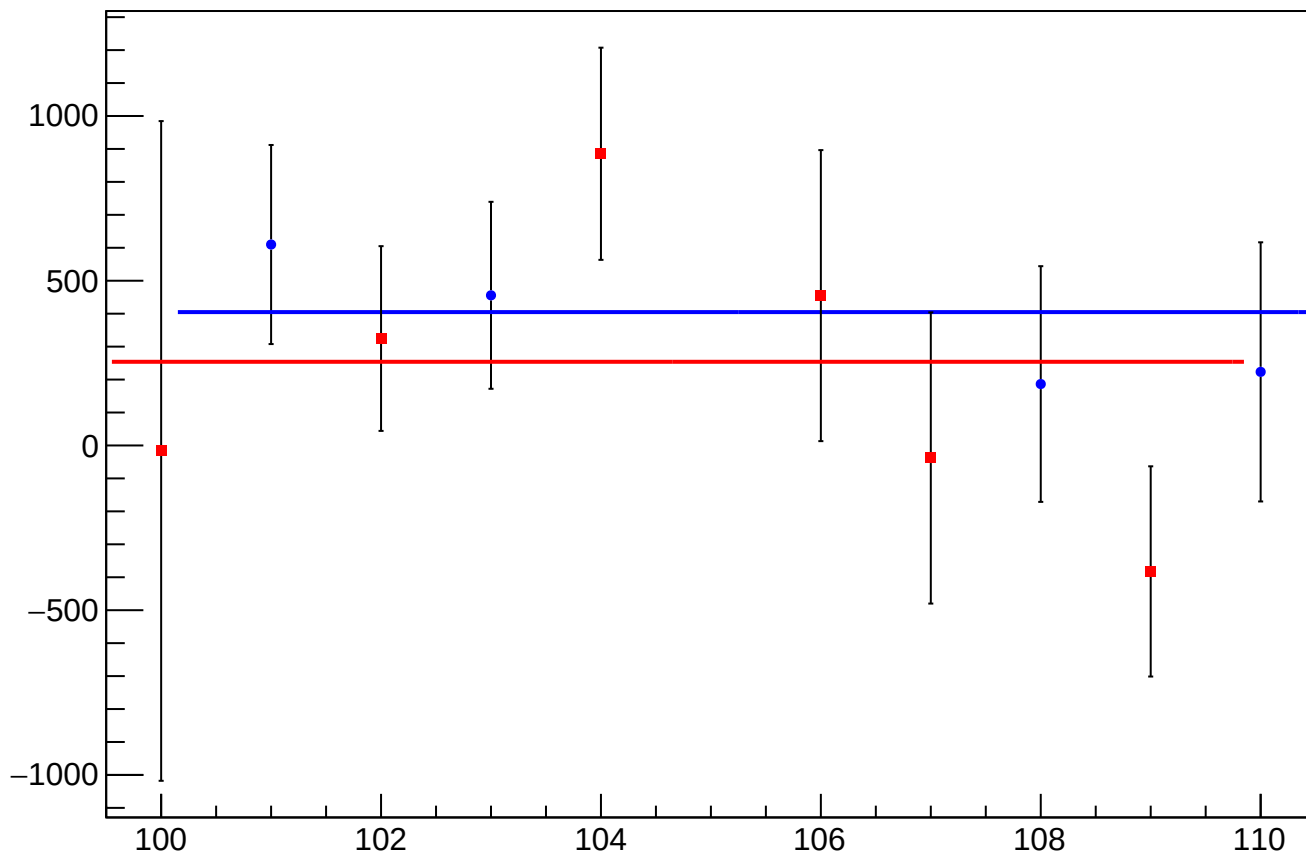
Right: 0.000+/-0.000 χ^2/NDF : 746360.8/9

In: 0.000+/-0.000 χ^2/NDF : 426827.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 746360.8/9

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 404.795 $\pm$ 162.957 χ^2 /NDF: 1.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 253.972 $\pm$ 151.732 χ^2 /NDF: 8.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

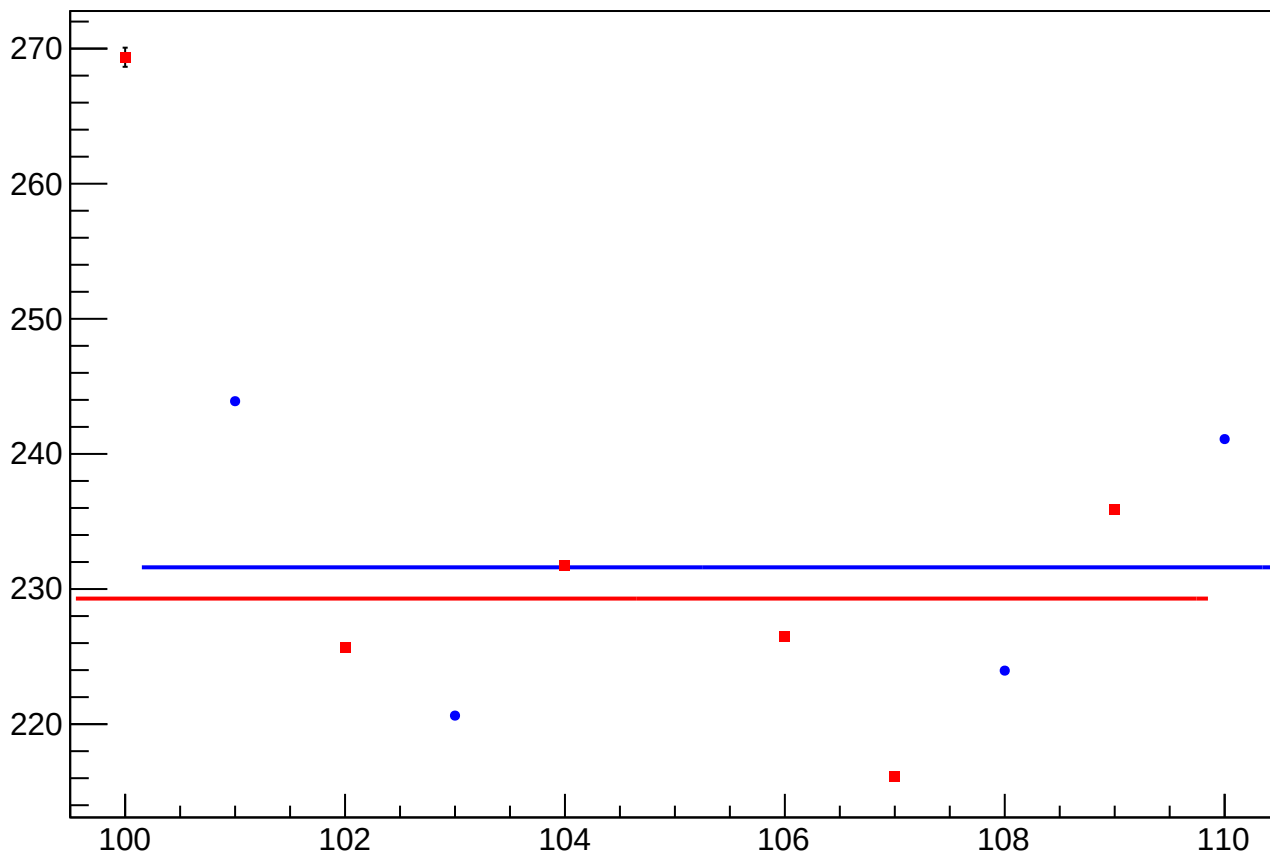
Right: 324.010 $\pm$ 111.047 χ^2 /NDF: 10.1/9

In: 404.795 $\pm$ 162.957 χ^2 /NDF: 1.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 324.010 $\pm$ 111.047 χ^2 /NDF: 10.1/9

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 231.607+/-0.115 χ^2/NDF : 8383.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 229.294+/-0.107 χ^2/NDF : 6364.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

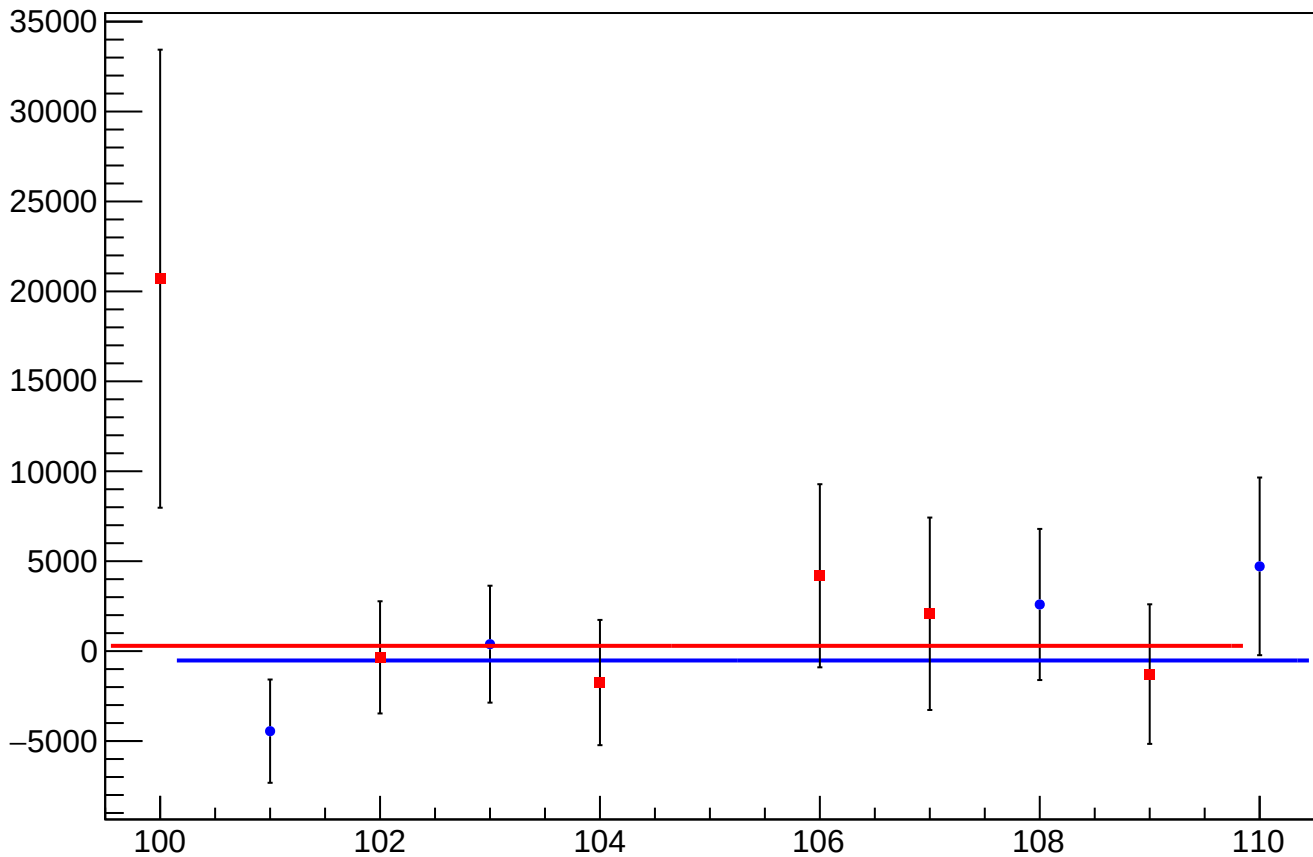
Right: 230.368+/-0.079 χ^2/NDF : 14964.1/9

In: 231.607+/-0.115 χ^2/NDF : 8383.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.368+/-0.079 χ^2/NDF : 14964.1/9

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -520.870+/-1785.725 χ^2/NDF : 3.6/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 293.166+/-1737.119 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

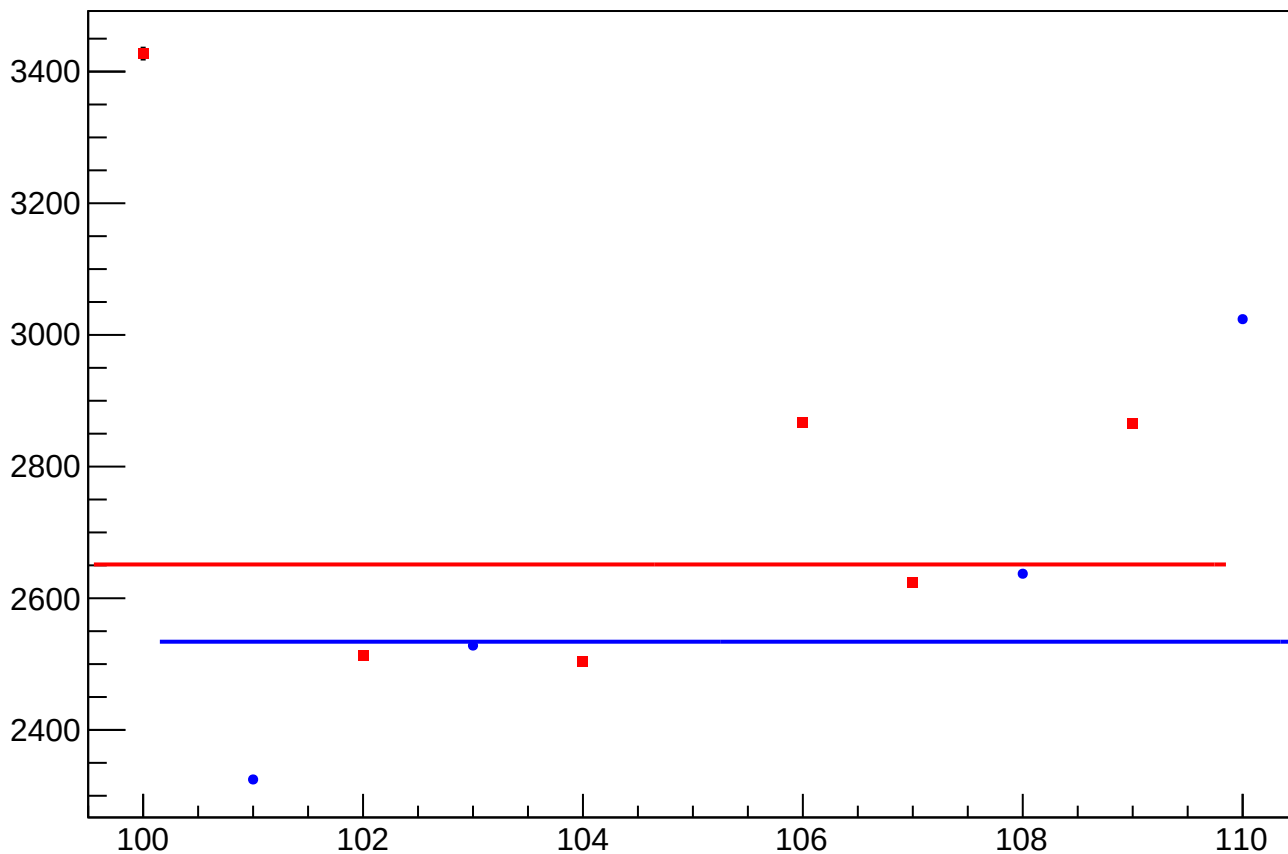
Right: -102.623+/-1245.158 χ^2/NDF : 7.5/9

In: -520.870+/-1785.725 χ^2/NDF :3.6/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -102.623+/-1245.158 χ^2/NDF : 7.5/9

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2534.007+/-1.263 χ^2/NDF : 31514.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2651.339+/-1.228 χ^2/NDF : 24607.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

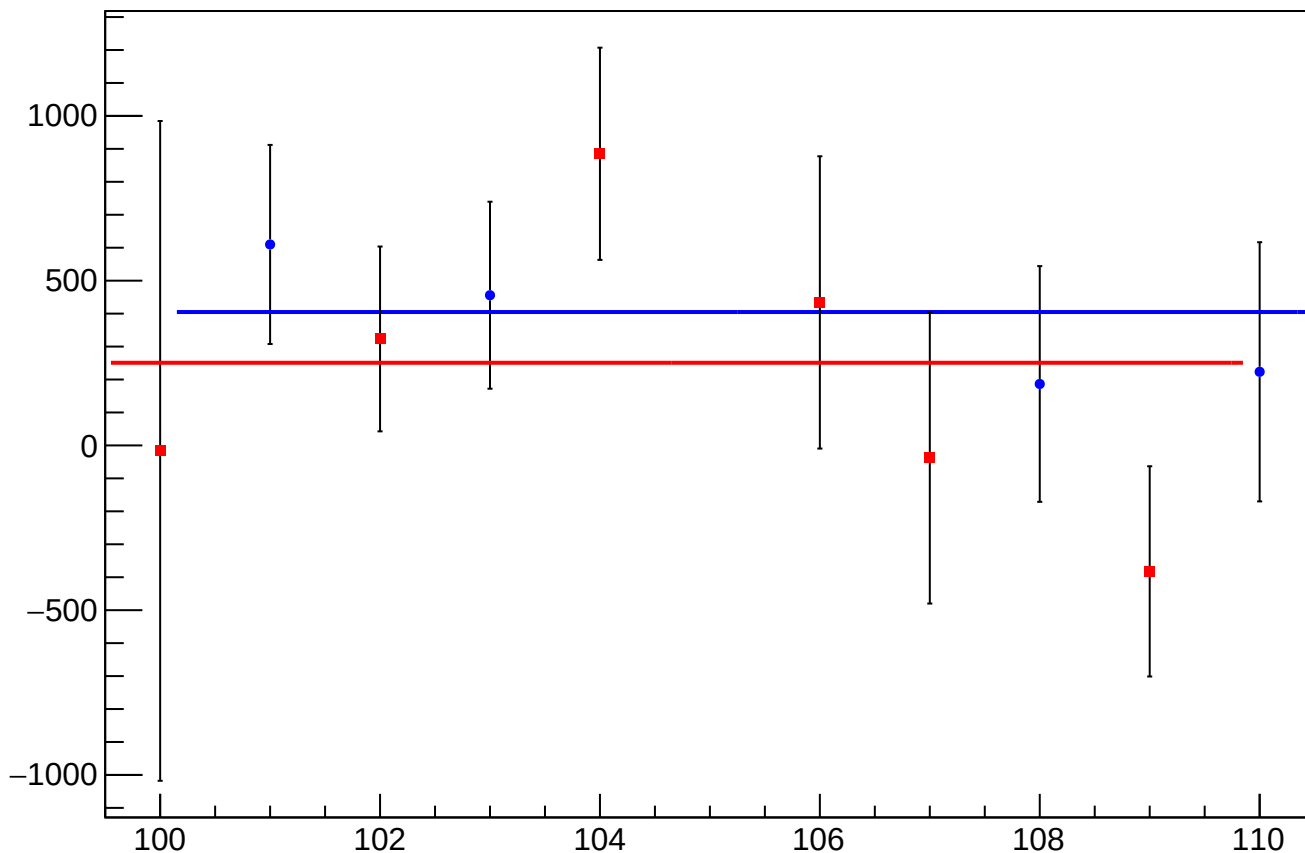
Right: 2594.292+/-0.880 χ^2/NDF : 60558.5/9

In: 2534.007+/-1.263 χ^2/NDF : 31514.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2594.292+/-0.880 χ^2/NDF : 60558.5/9

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 404.830 $\pm$ 162.957 χ^2 /NDF: 1.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 250.852 $\pm$ 151.818 χ^2 /NDF: 8.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

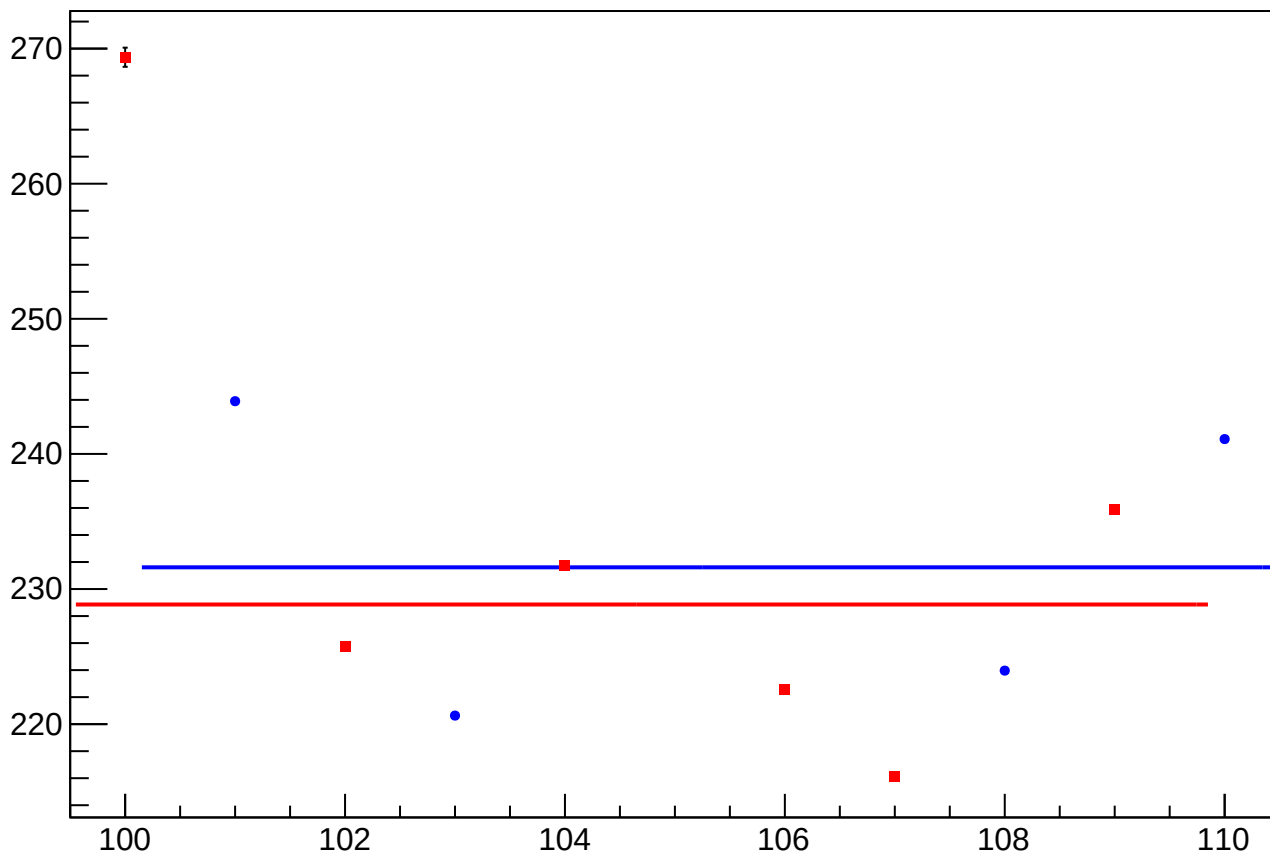
Right: 322.399 $\pm$ 111.081 χ^2 /NDF: 10.1/9

In: 404.830 $\pm$ 162.957 χ^2 /NDF: 1.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 322.399 $\pm$ 111.081 χ^2 /NDF: 10.1/9

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 231.608+/-0.115 χ^2/NDF : 8383.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.855+/-0.107 χ^2/NDF : 6718.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

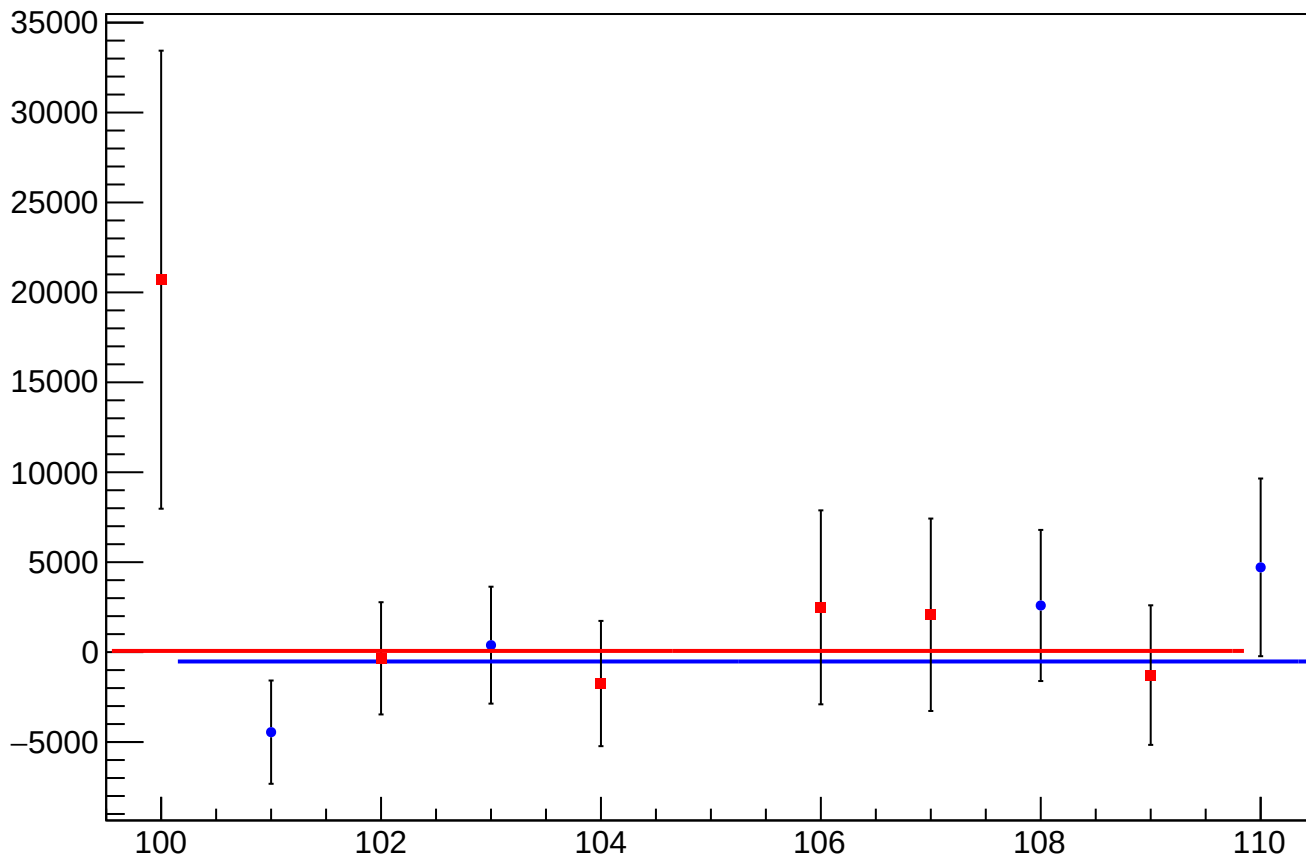
Right: 230.134+/-0.079 χ^2/NDF : 15407.8/9

In: 231.608+/-0.115 χ^2/NDF : 8383.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.134+/-0.079 χ^2/NDF : 15407.8/9

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -520.659+/-1785.739 χ^2/NDF : 3.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.393+/-1748.415 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

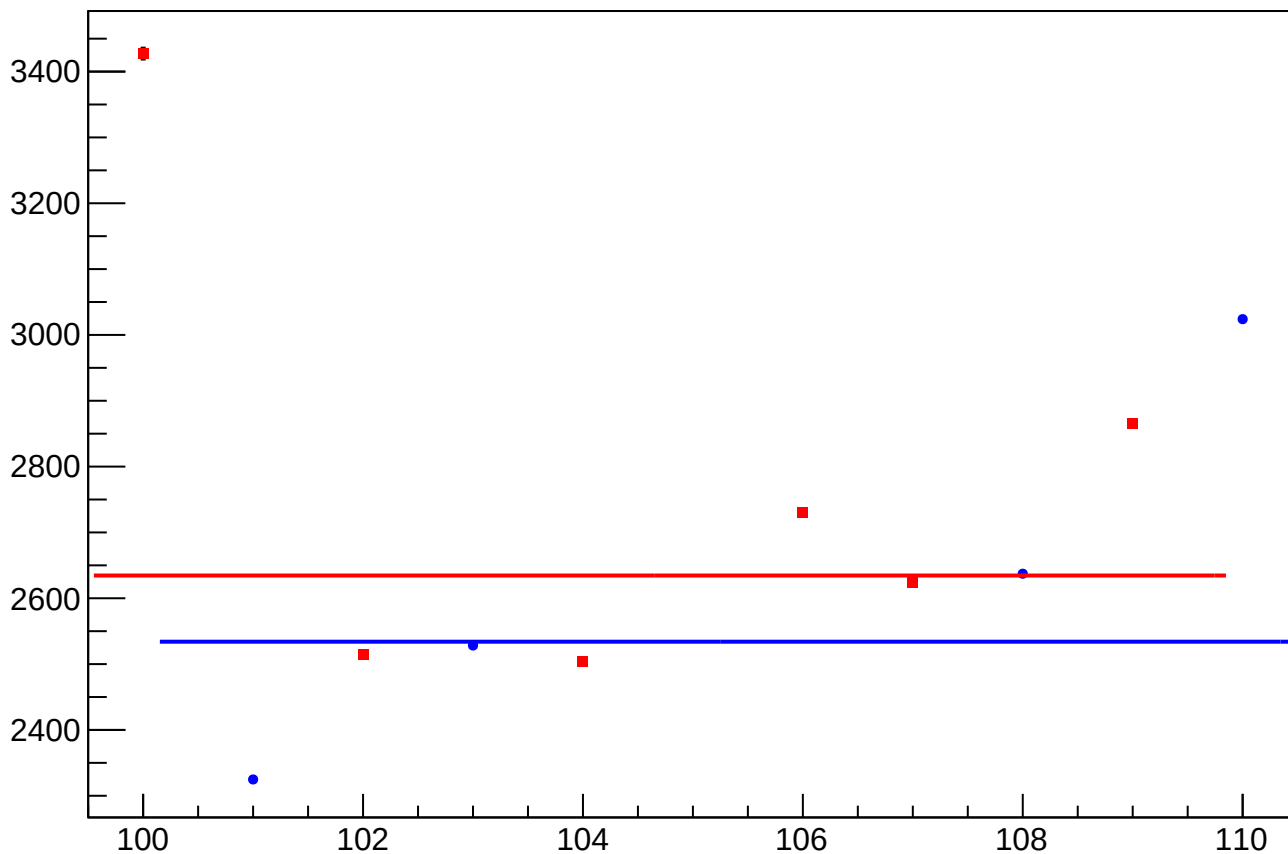
Right: -221.445+/-1249.303 χ^2/NDF : 7.1/9

In: -520.659+/-1785.739 χ^2/NDF : 3.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.445+/-1249.303 χ^2/NDF : 7.1/9

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2534.027+/-1.263 χ^2/NDF : 31513.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2634.566+/-1.236 χ^2/NDF : 21217.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

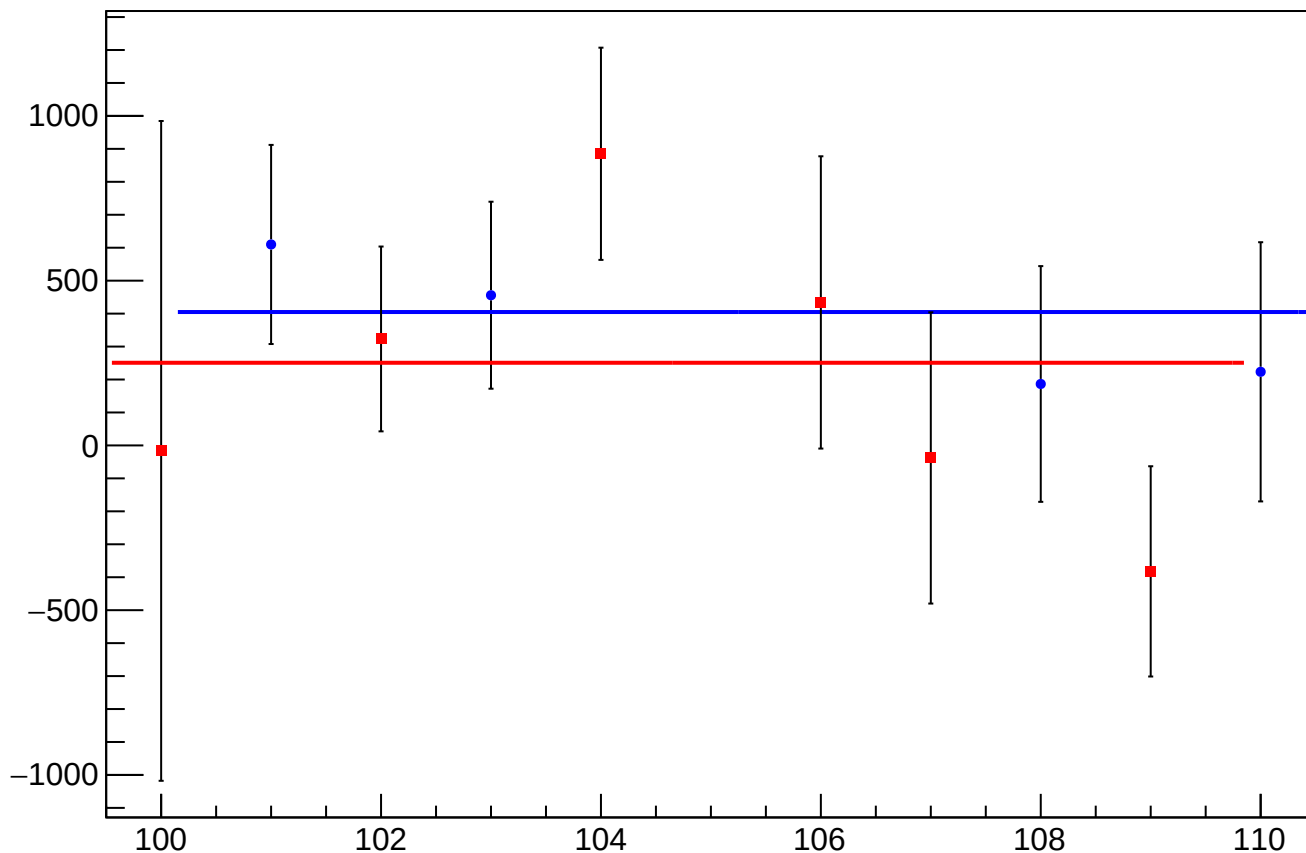
Right: 2585.358+/-0.883 χ^2/NDF : 55967.9/9

In: 2534.027+/-1.263 χ^2/NDF : 31513.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2585.358+/-0.883 χ^2/NDF : 55967.9/9

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 404.830 $\pm$ 162.957 χ^2 /NDF: 1.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 250.852 $\pm$ 151.818 χ^2 /NDF: 8.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

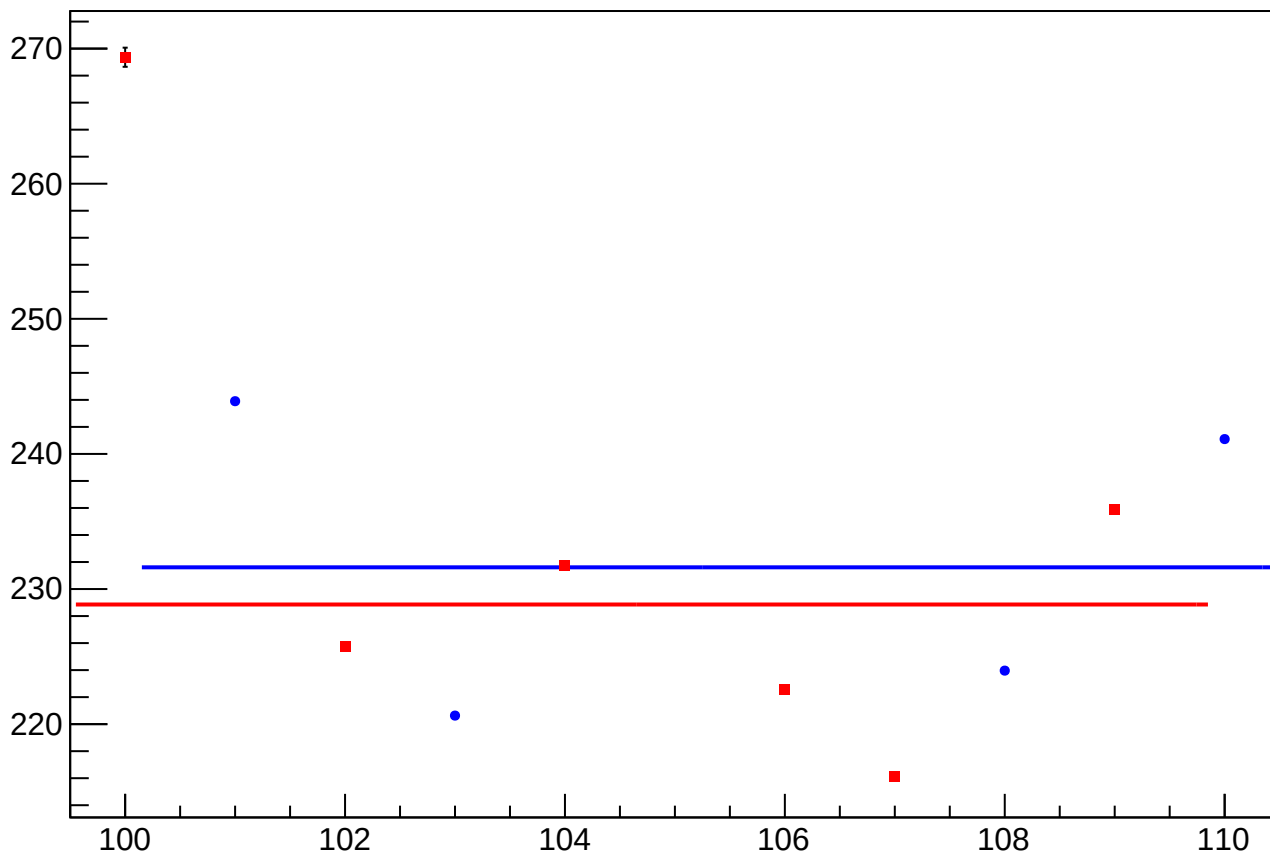
Right: 322.399 $\pm$ 111.081 χ^2 /NDF: 10.1/9

In: 404.830 $\pm$ 162.957 χ^2 /NDF: 1.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 322.399 $\pm$ 111.081 χ^2 /NDF: 10.1/9

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 231.608+/-0.115 χ^2/NDF : 8383.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.855+/-0.107 χ^2/NDF : 6718.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

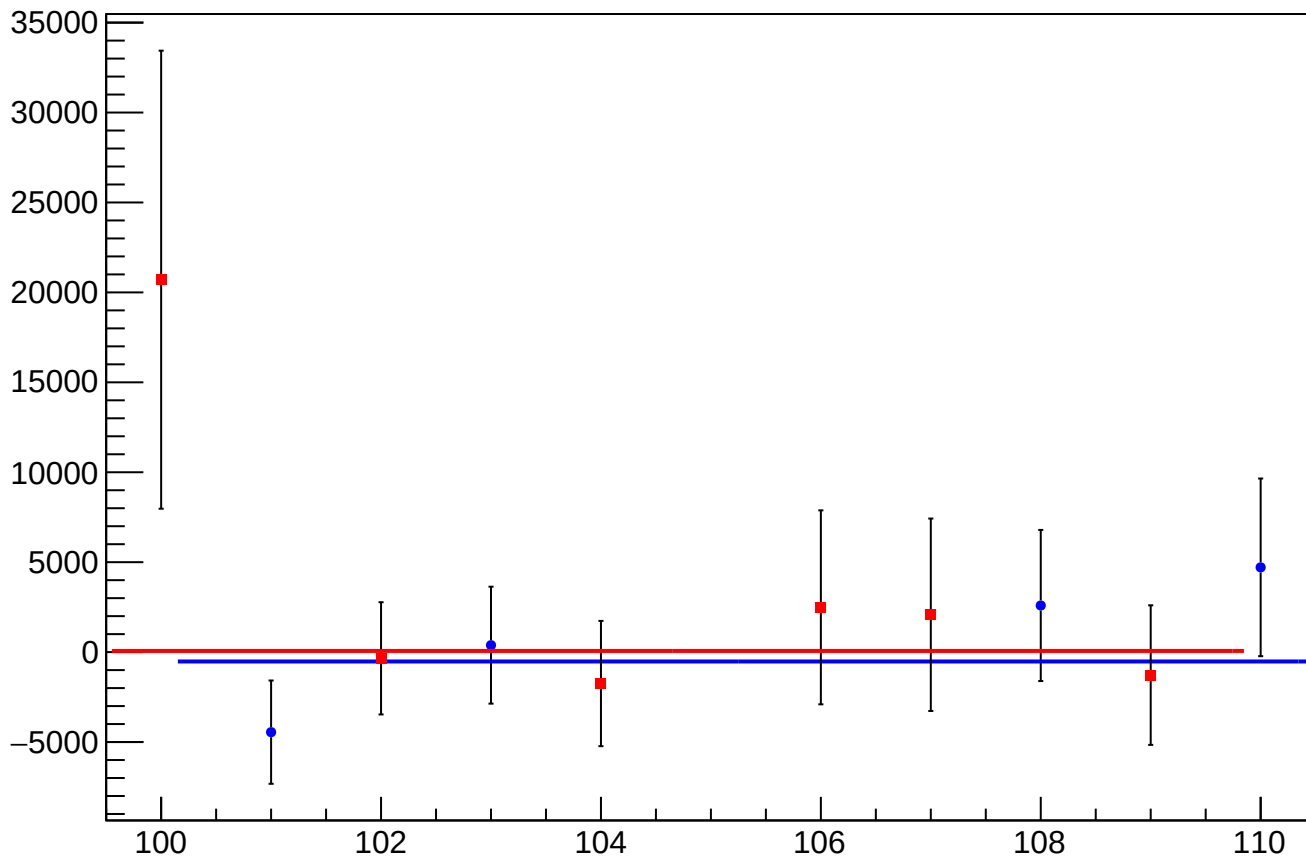
Right: 230.134+/-0.079 χ^2/NDF : 15407.8/9

In: 231.608+/-0.115 χ^2/NDF : 8383.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.134+/-0.079 χ^2/NDF : 15407.8/9

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -520.659+/-1785.739 χ^2/NDF : 3.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.393+/-1748.415 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

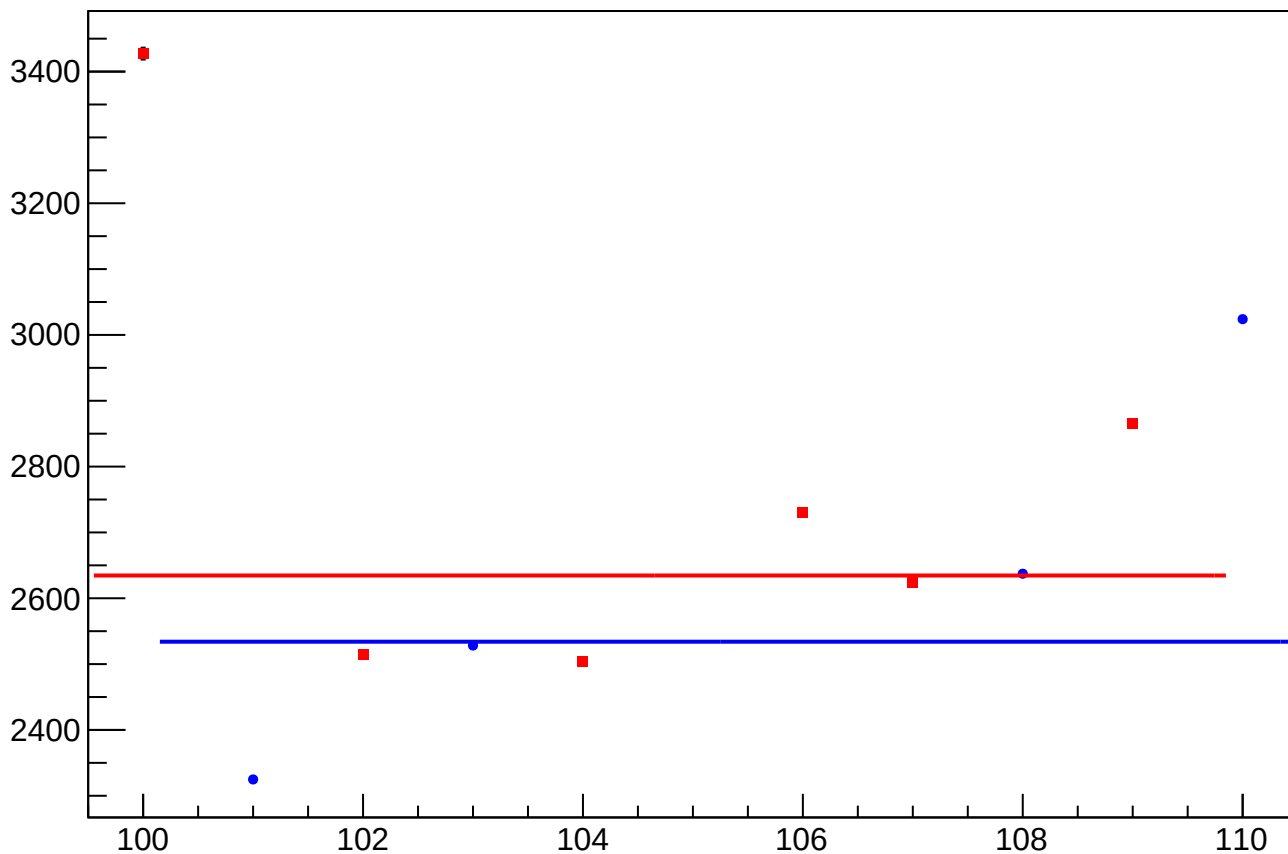
Right: -221.445+/-1249.303 χ^2/NDF : 7.1/9

In: -520.659+/-1785.739 χ^2/NDF : 3.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.445+/-1249.303 χ^2/NDF : 7.1/9

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2534.027+/-1.263 χ^2/NDF : 31513.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2634.566+/-1.236 χ^2/NDF : 21217.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

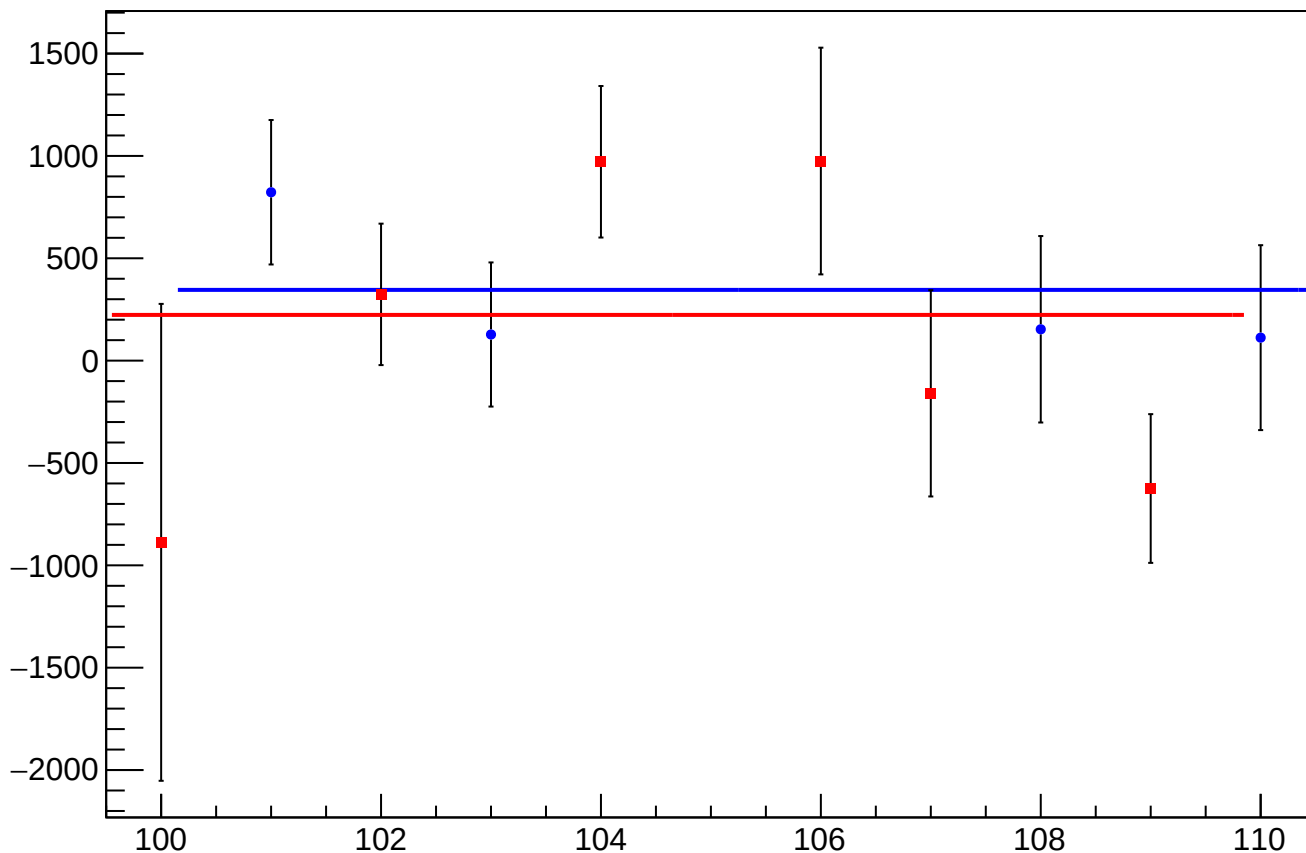
Right: 2585.358+/-0.883 χ^2/NDF : 55967.9/9

In: 2534.027+/-1.263 χ^2/NDF : 31513.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2585.358+/-0.883 χ^2/NDF : 55967.9/9

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 345.628 $\pm$ 196.792 χ^2 /NDF: 2.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 223.348 $\pm$ 179.044 χ^2 /NDF: 13.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

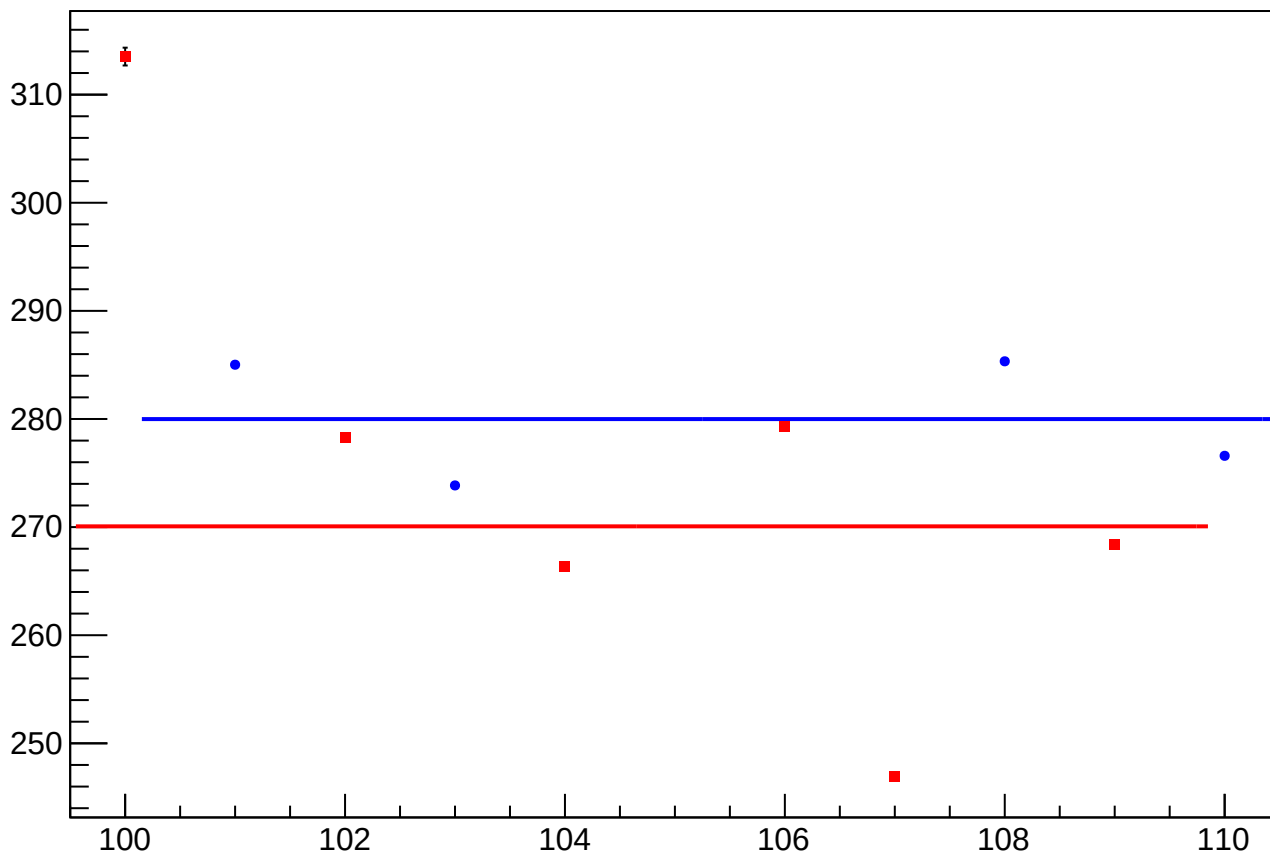
Right: 278.726 $\pm$ 132.434 χ^2 /NDF: 15.8/9

In: 345.628 $\pm$ 196.792 χ^2 /NDF:2.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 278.726 $\pm$ 132.434 χ^2 /NDF: 15.8/9

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 279.991 $\pm$ 0.139 χ^2 /NDF: 1402.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 270.069 $\pm$ 0.127 χ^2 /NDF: 8954.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

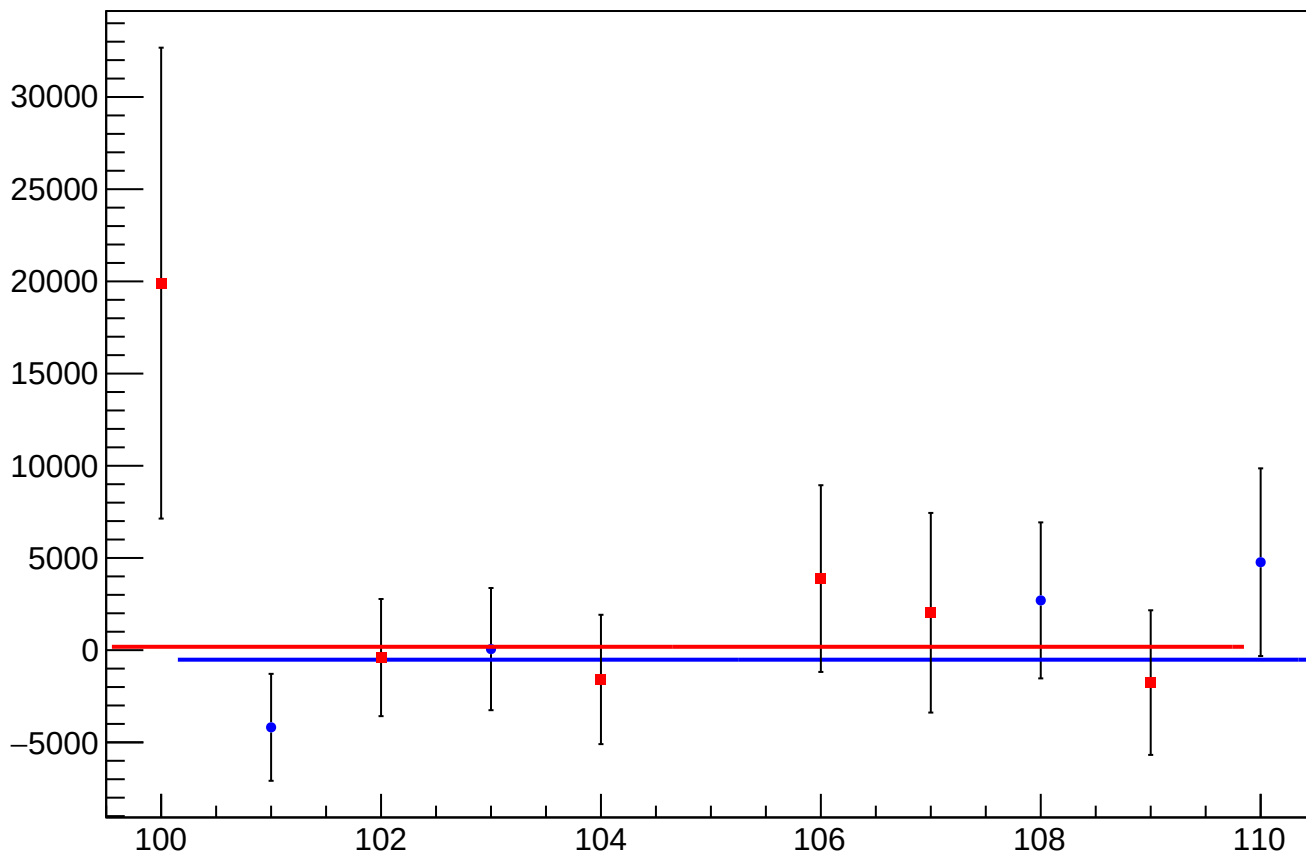
Right: 274.563 $\pm$ 0.094 χ^2 /NDF: 13138.6/9

In: 279.991 $\pm$ 0.139 χ^2 /NDF:1402.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 274.563 $\pm$ 0.094 χ^2 /NDF: 13138.6/9

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -516.817+/-1812.304 χ^2/NDF : 3.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.762+/-1754.976 χ^2/NDF : 3.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

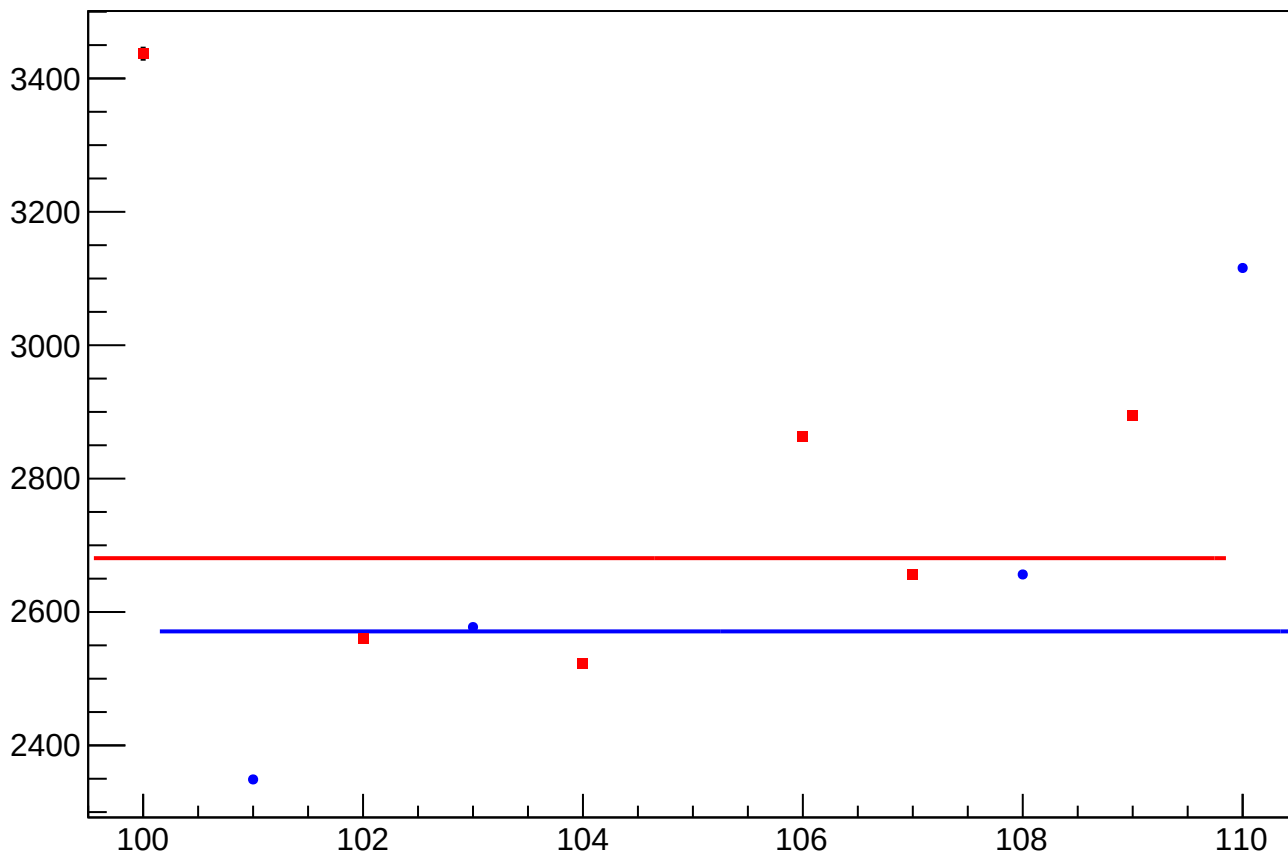
Right: -155.788+/-1260.735 χ^2/NDF : 6.9/9

In: -516.817+/-1812.304 χ^2/NDF : 3.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -155.788+/-1260.735 χ^2/NDF : 6.9/9

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2570.932+/-1.281 χ^2 /NDF: 35460.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2680.721+/-1.241 χ^2 /NDF: 22572.9/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

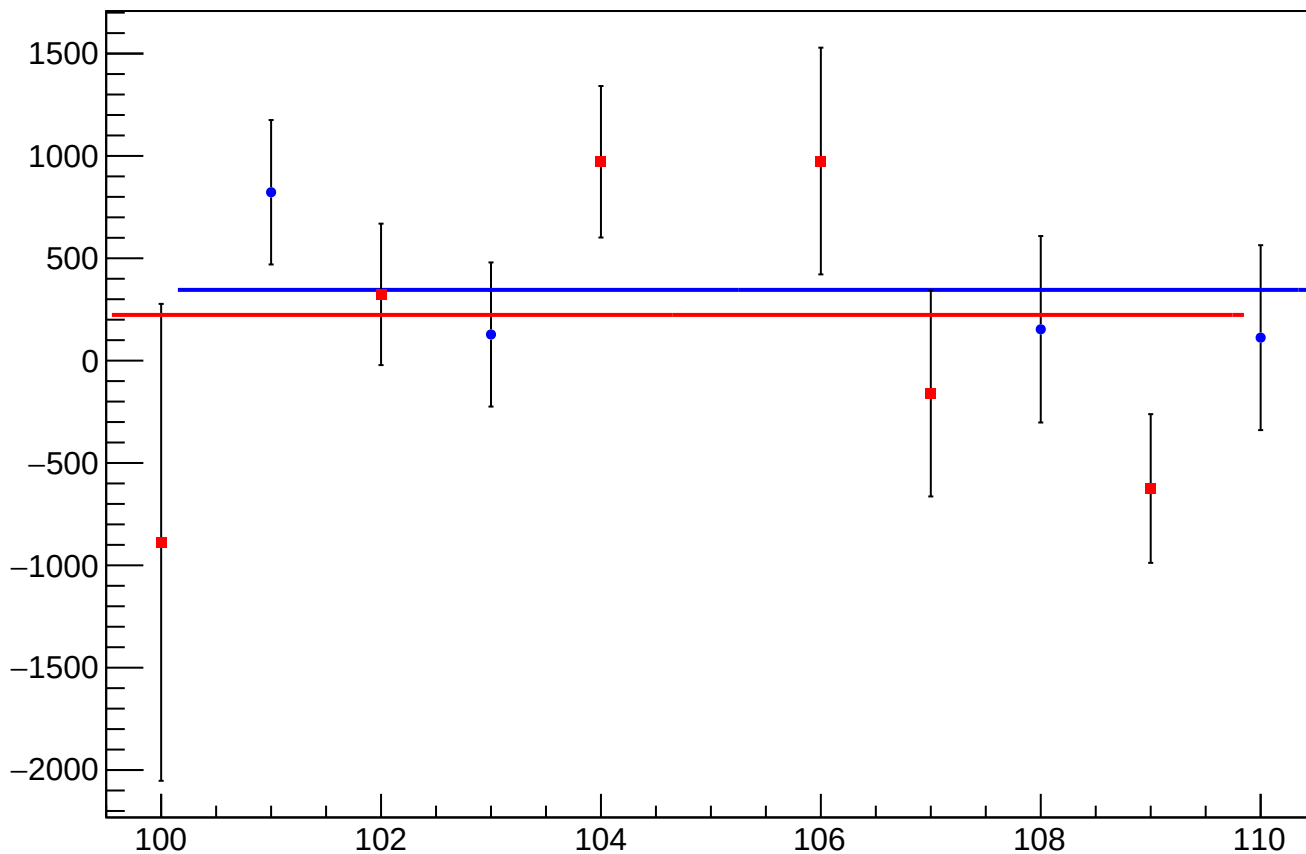
Right: 2627.590+/-0.891 χ^2 /NDF: 61820.9/9

In: 2570.932+/-1.281 χ^2 /NDF:35460.2/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2627.590+/-0.891 χ^2 /NDF: 61820.9/9

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 345.617 $\pm$ 196.791 χ^2 /NDF: 2.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 223.347 $\pm$ 179.043 χ^2 /NDF: 13.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

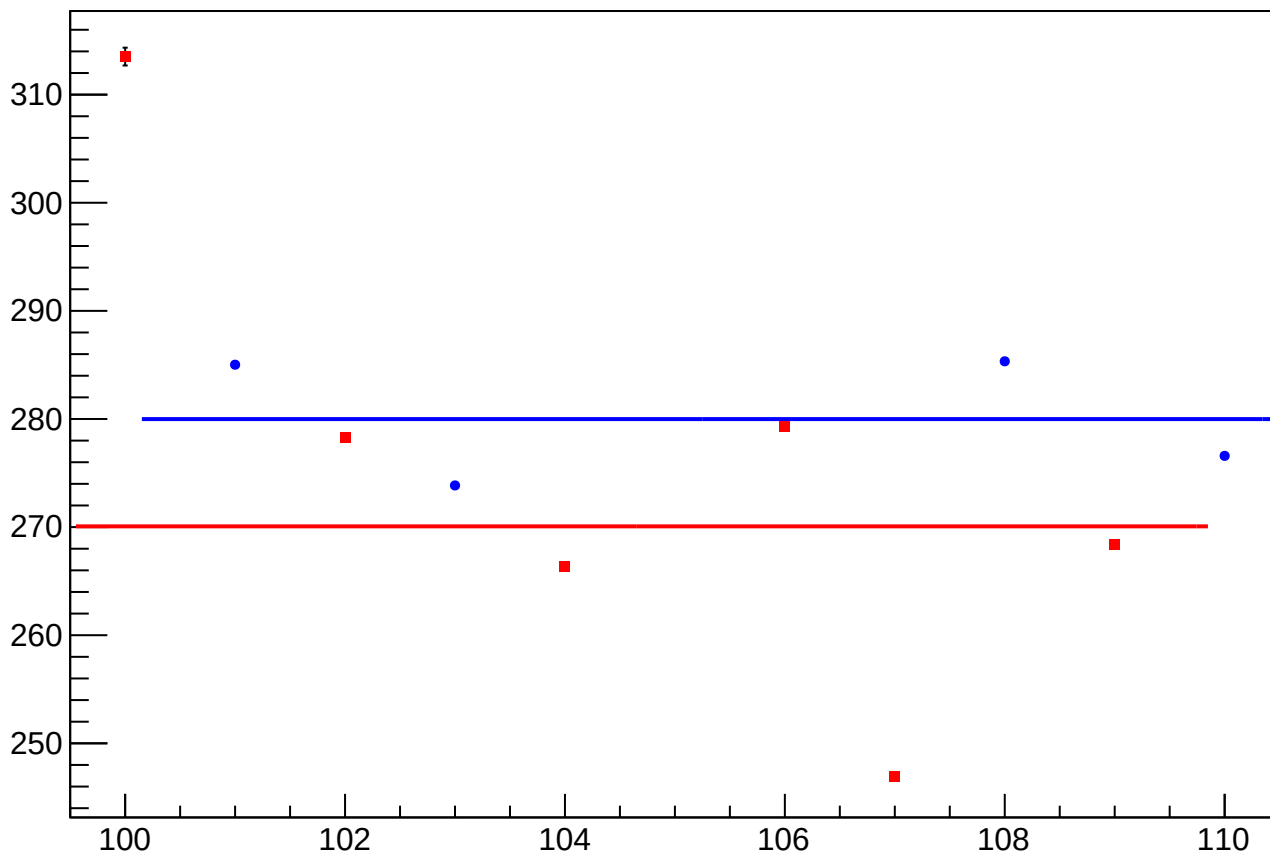
Right: 278.721 $\pm$ 132.434 χ^2 /NDF: 15.8/9

In: 345.617 $\pm$ 196.791 χ^2 /NDF:2.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 278.721 $\pm$ 132.434 χ^2 /NDF: 15.8/9

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 279.989+/-0.139 χ^2/NDF : 1402.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.068+/-0.127 χ^2/NDF : 8954.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

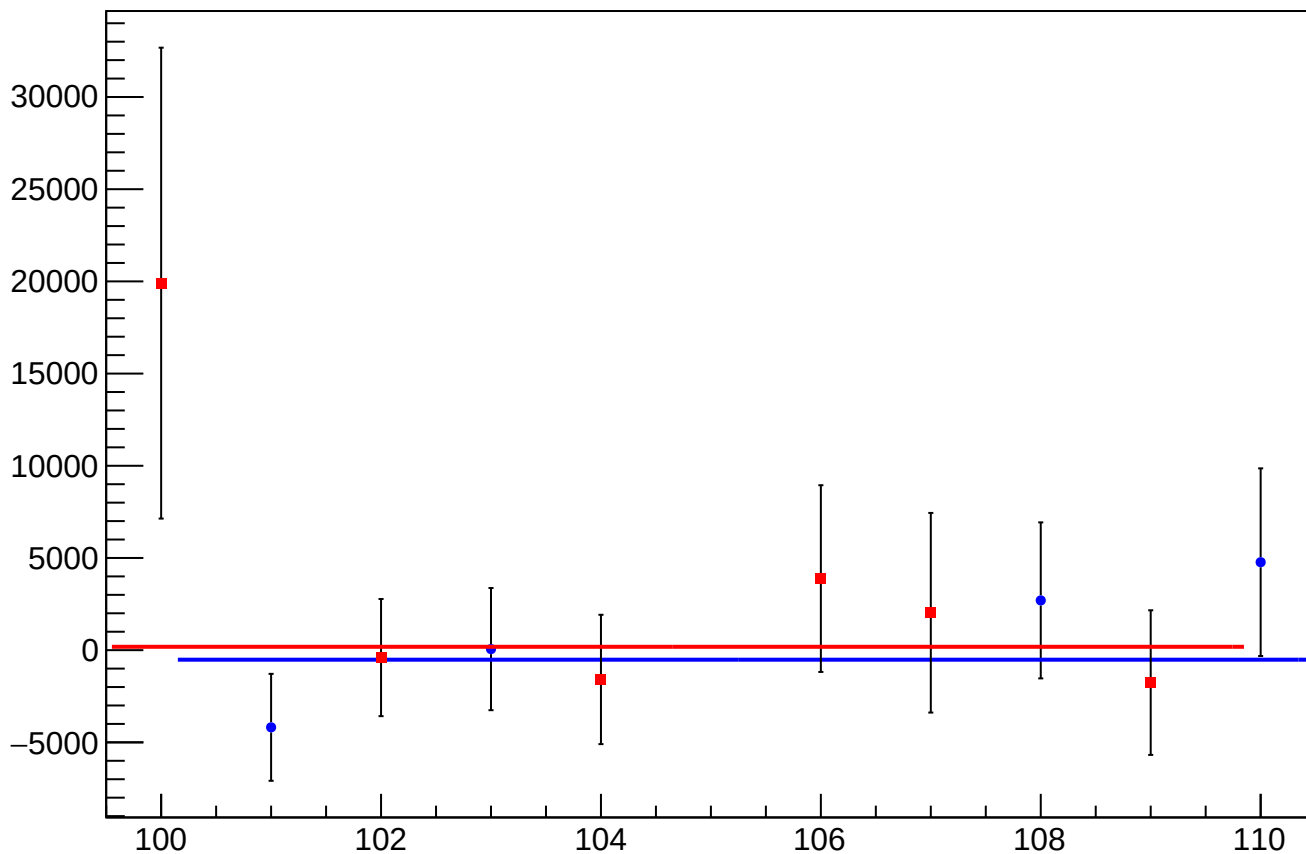
Right: 274.561+/-0.094 χ^2/NDF : 13138.5/9

In: 279.989+/-0.139 χ^2/NDF : 1402.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.561+/-0.094 χ^2/NDF : 13138.5/9

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -516.818+/-1812.299 χ^2/NDF : 3.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.759+/-1754.971 χ^2/NDF : 3.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

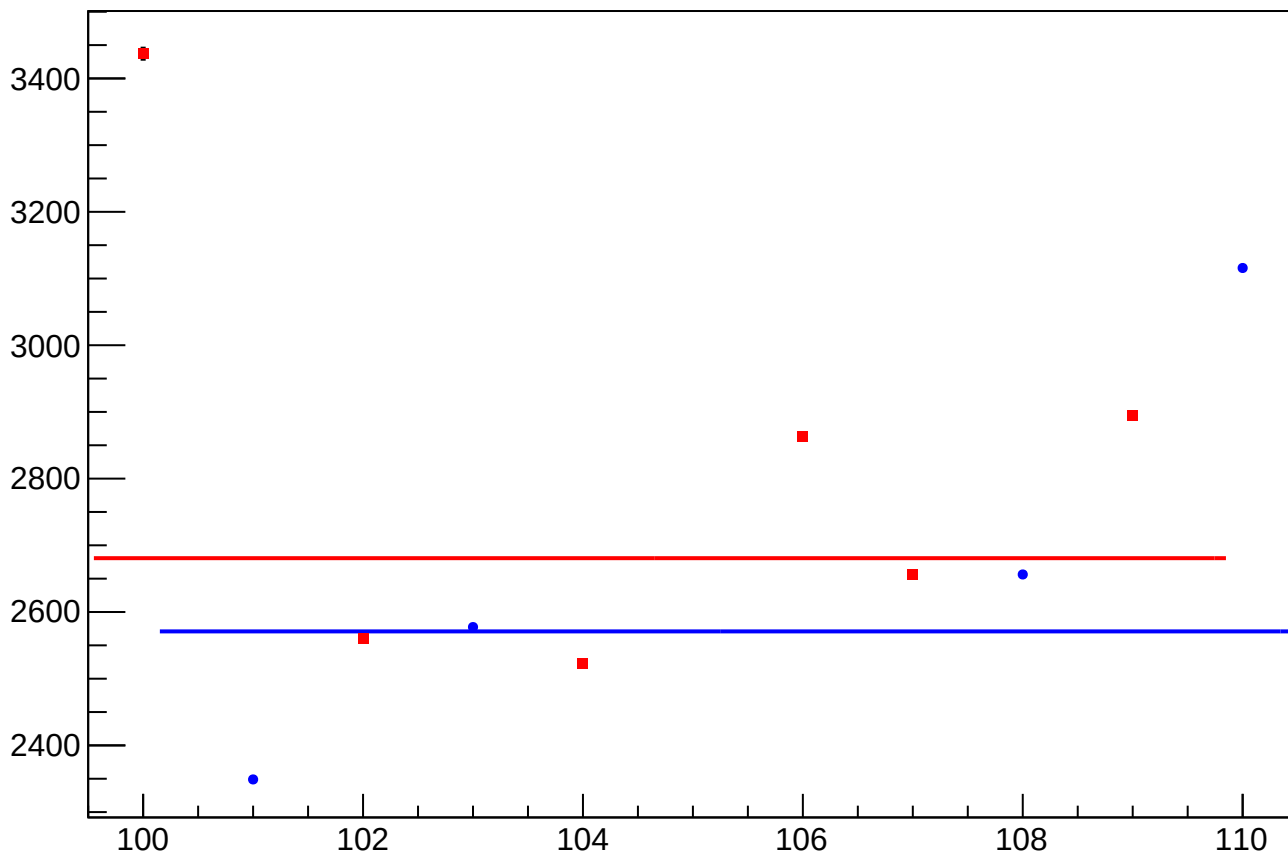
Right: -155.790+/-1260.732 χ^2/NDF : 6.9/9

In: -516.818+/-1812.299 χ^2/NDF : 3.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -155.790+/-1260.732 χ^2/NDF : 6.9/9

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2570.926+/-1.281 χ^2/NDF : 35459.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2680.714+/-1.241 χ^2/NDF : 22573.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

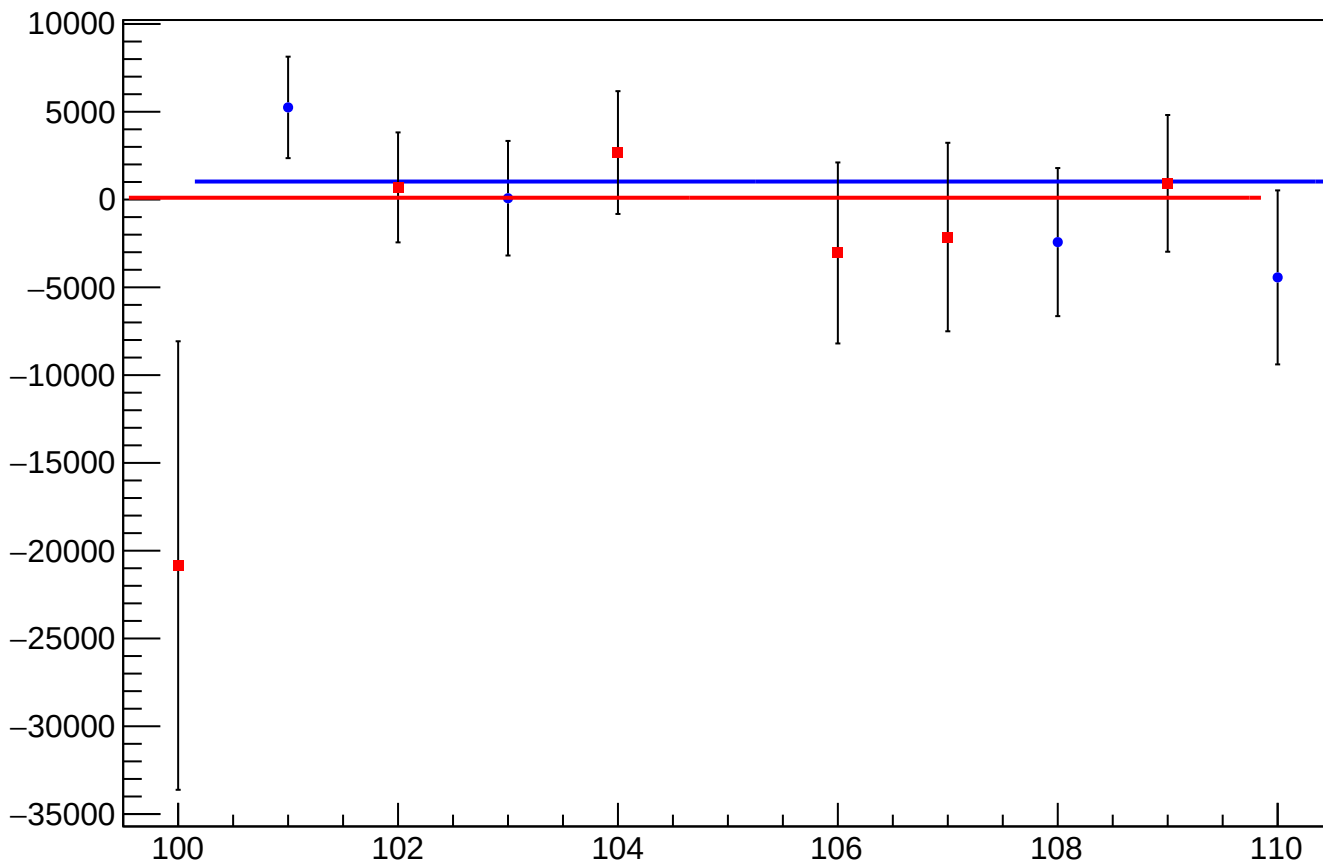
Right: 2627.584+/-0.891 χ^2/NDF : 61820.3/9

In: 2570.926+/-1.281 χ^2/NDF : 35459.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2627.584+/-0.891 χ^2/NDF : 61820.3/9

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1026.269+/-1794.174 χ^2/NDF : 4.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.243+/-1745.676 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

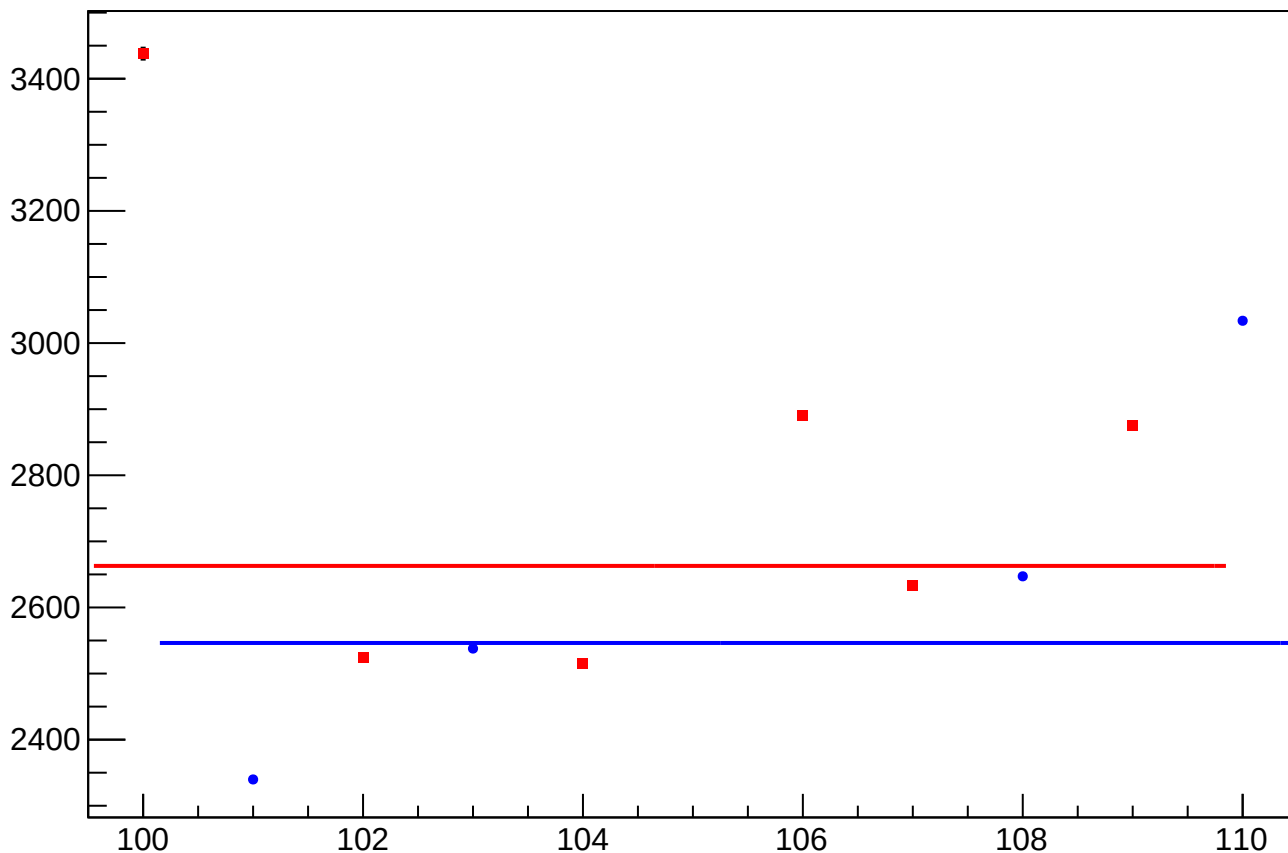
Right: 552.112+/-1251.174 χ^2/NDF : 8.1/9

In: 1026.269+/-1794.174 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.112+/-1251.174 χ^2/NDF : 8.1/9

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2546.286+/-1.269 χ^2/NDF : 30726.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2662.885+/-1.234 χ^2/NDF : 24787.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

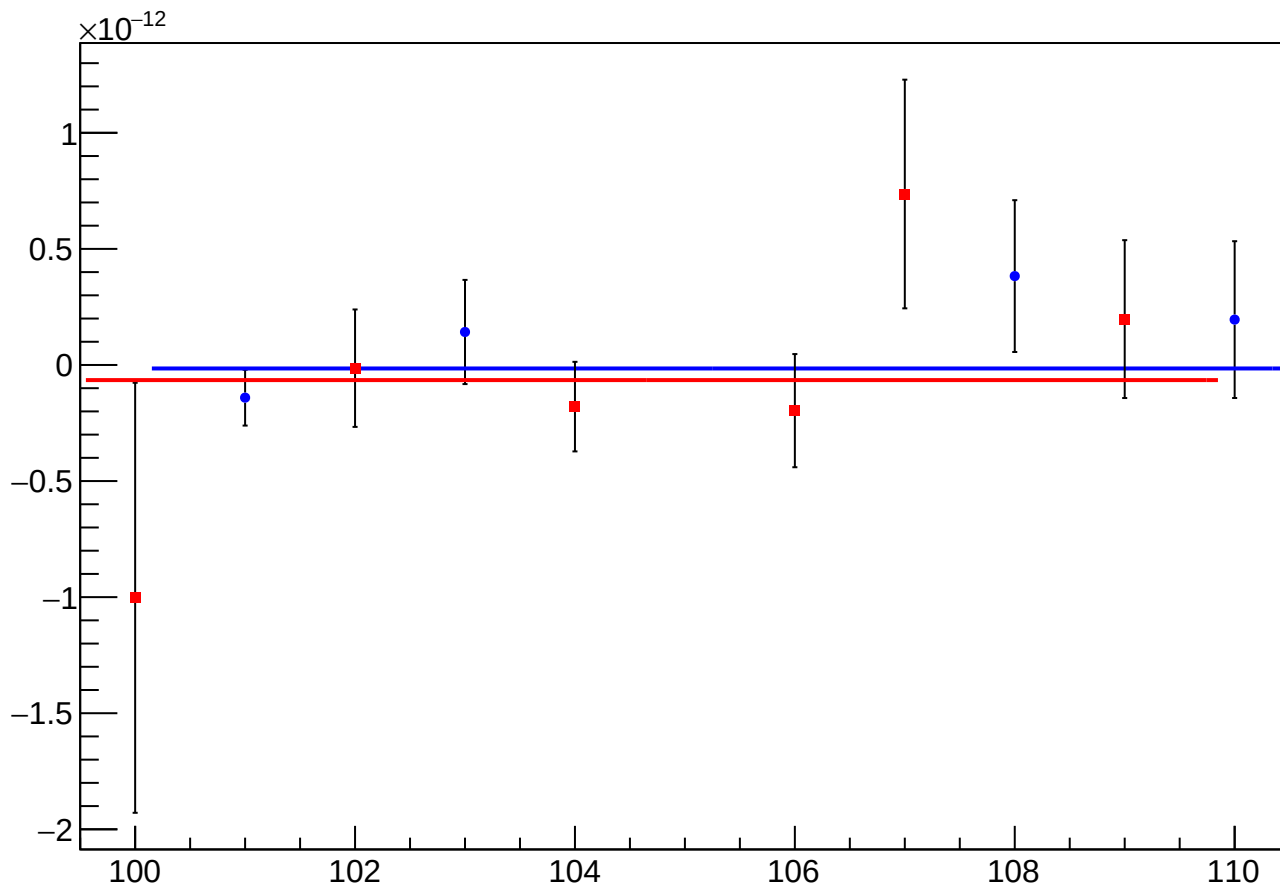
Right: 2606.183+/-0.885 χ^2/NDF : 59853.2/9

In: 2546.286+/-1.269 χ^2/NDF : 30726.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2606.183+/-0.885 χ^2/NDF : 59853.2/9

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

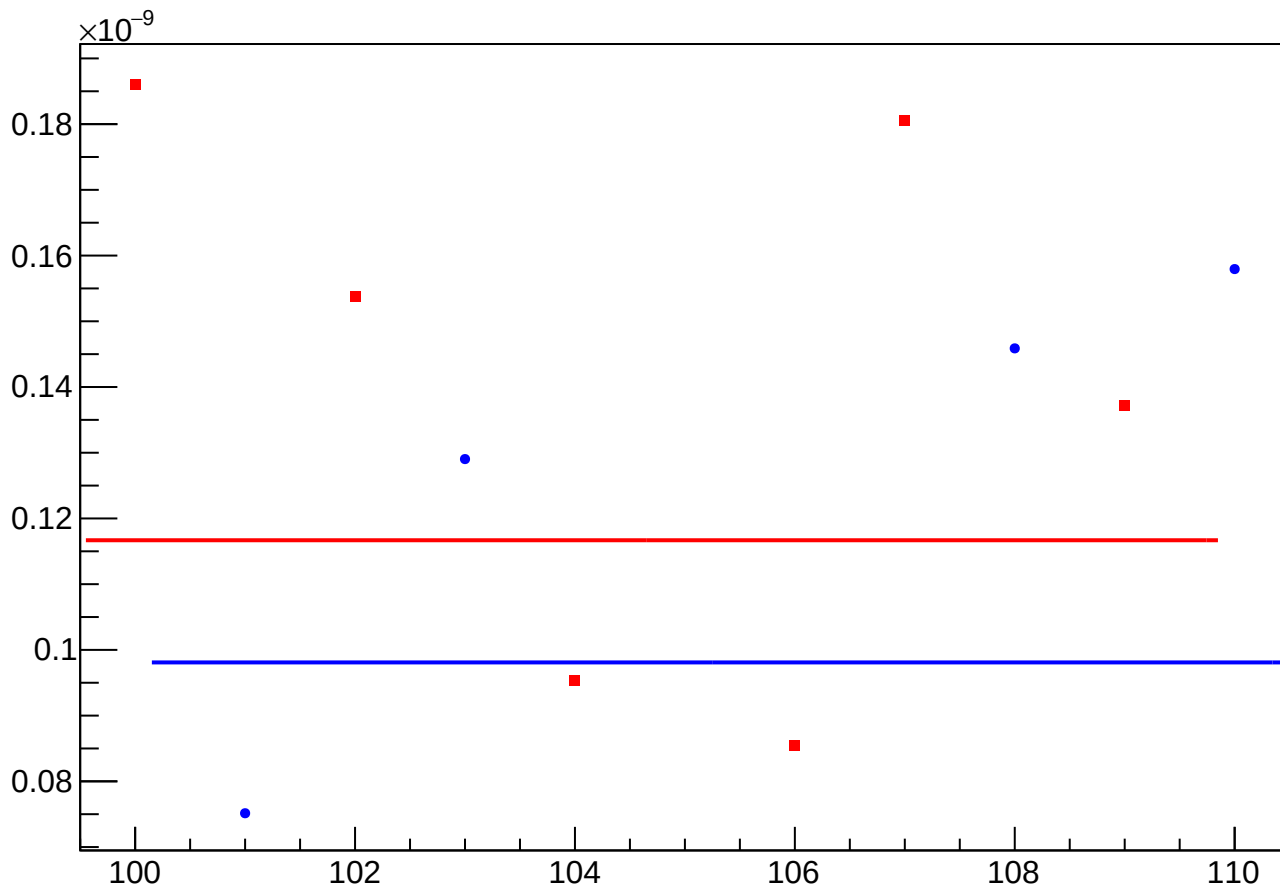
Right: -0.000+/-0.000 χ^2/NDF : 8.5/9

In: -0.000+/-0.000 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.5/9

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 216414.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 152623.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

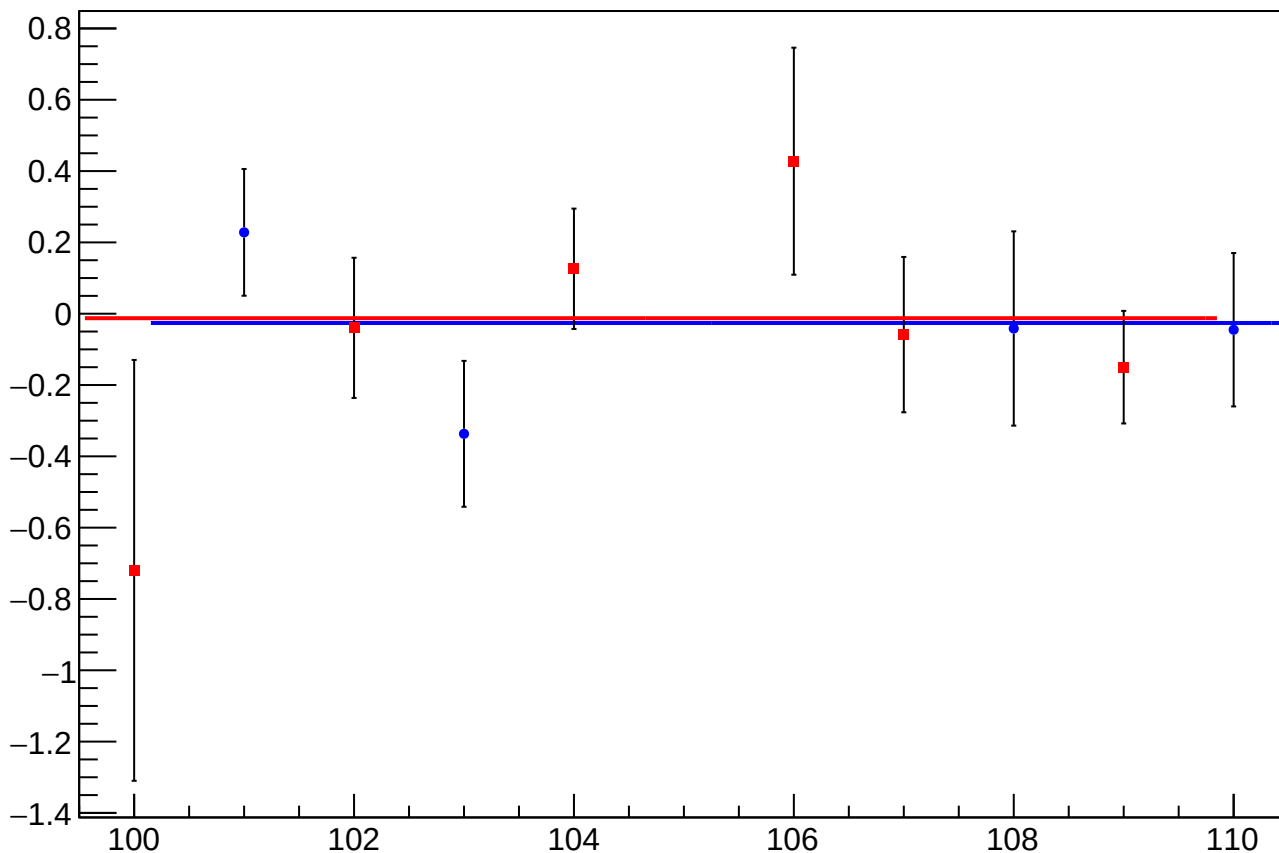
Right: 0.000+/-0.000 χ^2/NDF : 399114.6/9

In: 0.000+/-0.000 χ^2/NDF : 216414.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 399114.6/9

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.105 χ^2 /NDF: 4.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.086 χ^2 /NDF: 4.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

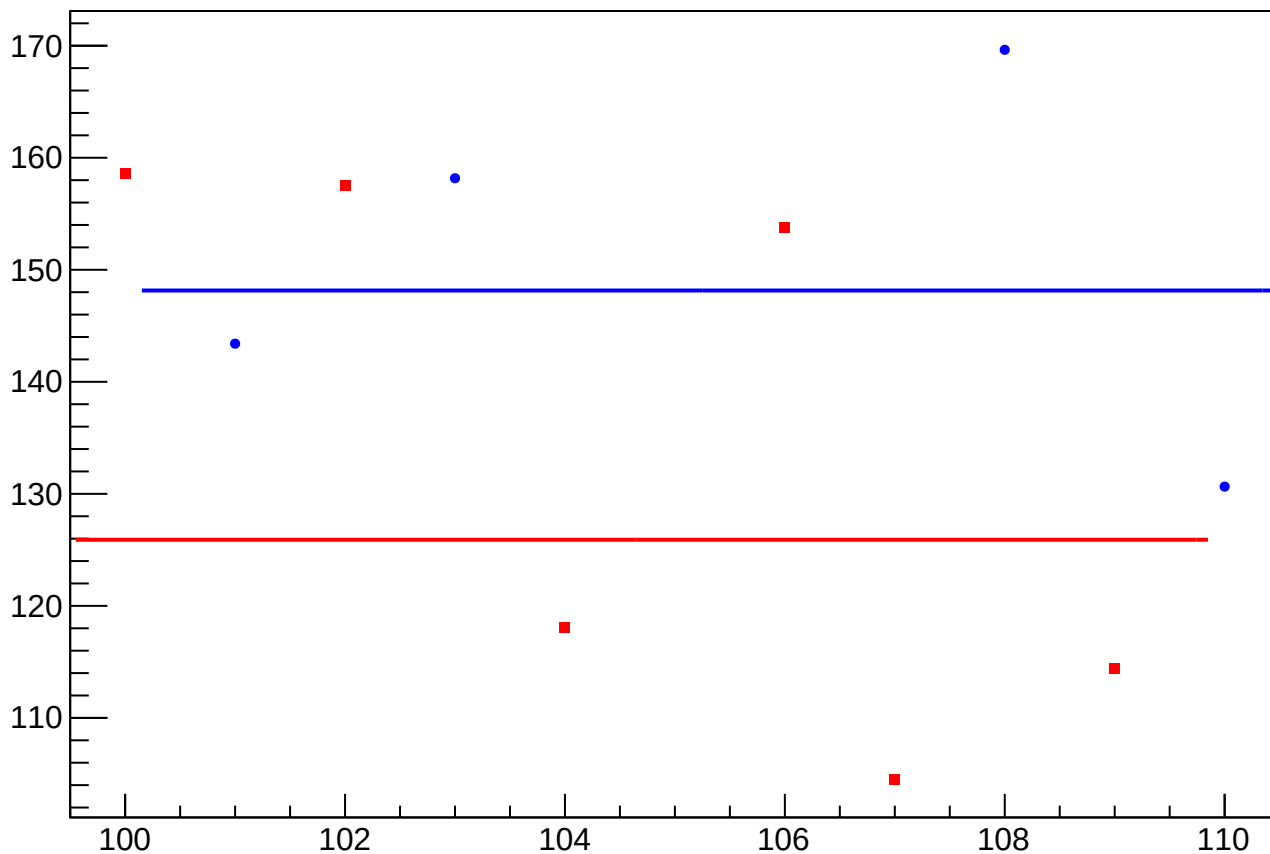
Right: -0.018 $\pm$ 0.067 χ^2 /NDF: 9.2/9

In: -0.026 $\pm$ 0.105 χ^2 /NDF:4.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.067 χ^2 /NDF: 9.2/9

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 148.151+/-0.074 χ^2/NDF : 31918.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 125.904+/-0.061 χ^2/NDF : 107208.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

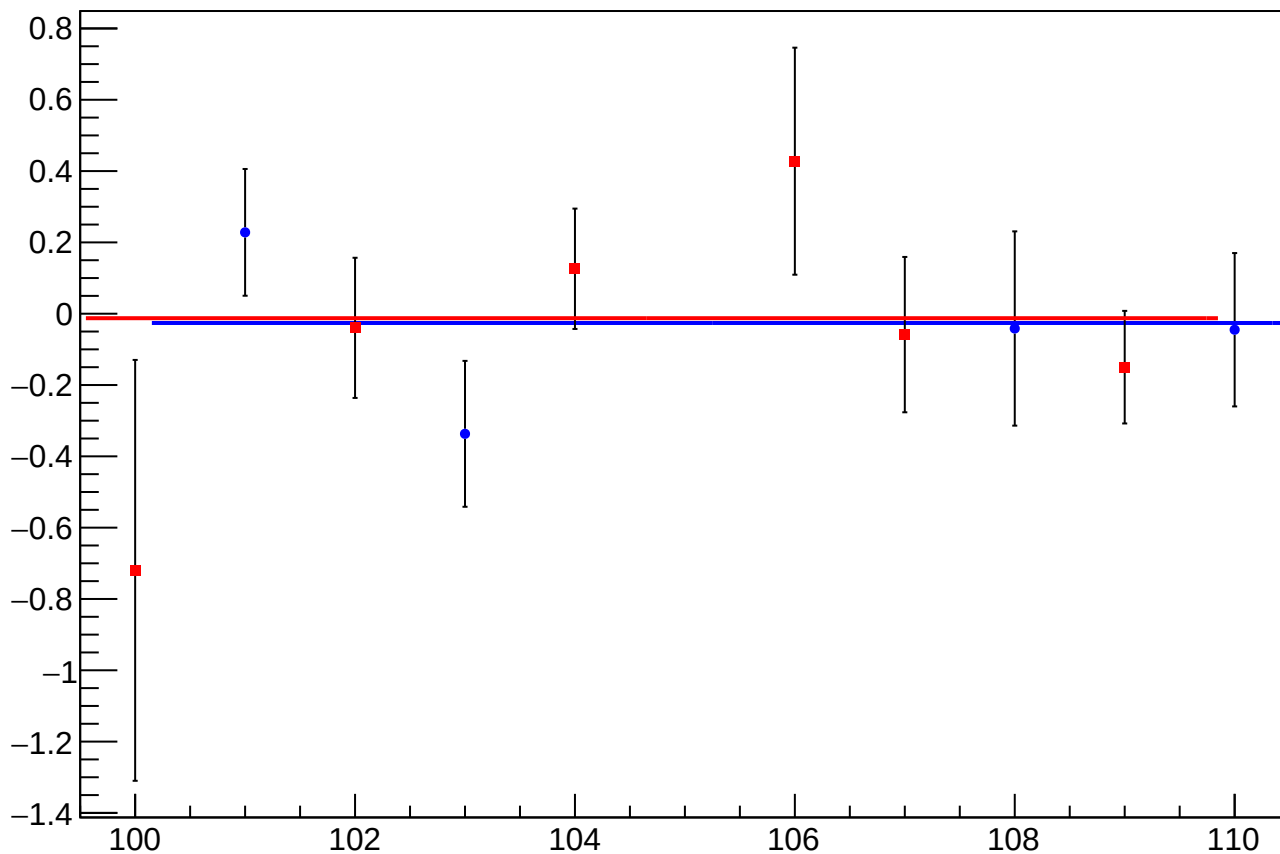
Right: 134.844+/-0.047 χ^2/NDF : 192803.9/9

In: 148.151+/-0.074 χ^2/NDF :31918.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 134.844+/-0.047 χ^2/NDF : 192803.9/9

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.105 χ^2 /NDF: 4.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.086 χ^2 /NDF: 4.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

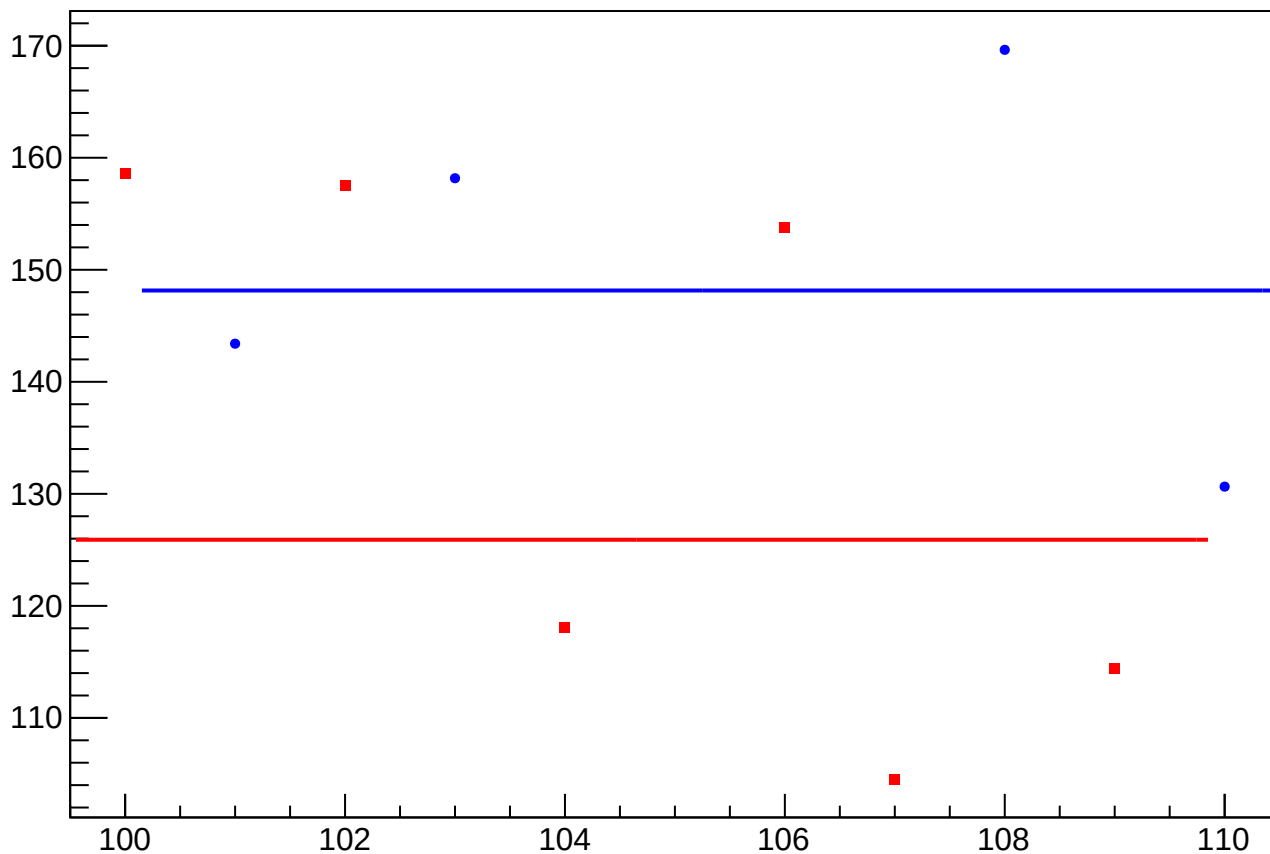
Right: -0.018 $\pm$ 0.067 χ^2 /NDF: 9.2/9

In: -0.026 $\pm$ 0.105 χ^2 /NDF:4.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.067 χ^2 /NDF: 9.2/9

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 148.151+/-0.074 χ^2/NDF : 31918.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.904+/-0.061 χ^2/NDF : 107208.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

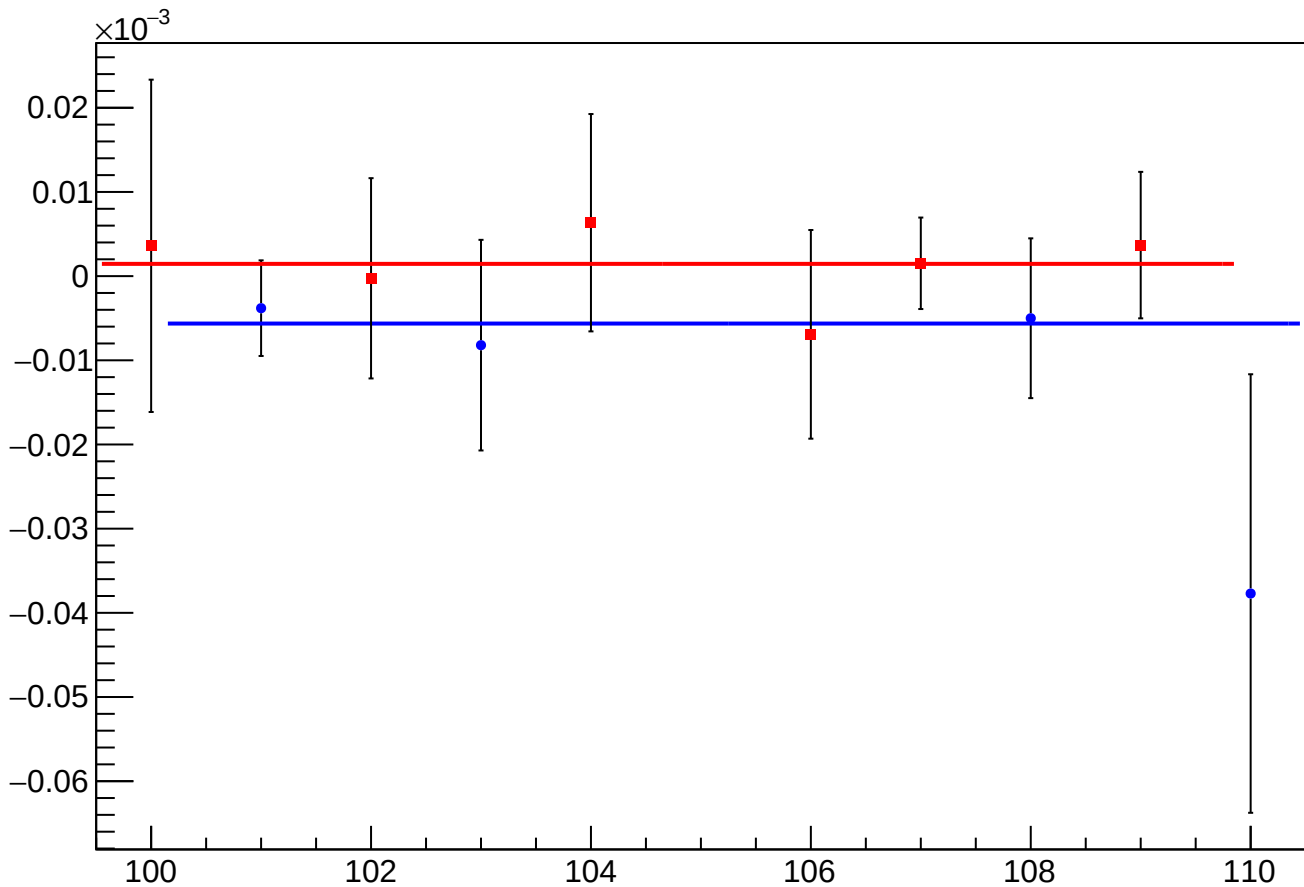
Right: 134.844+/-0.047 χ^2/NDF : 192803.9/9

In: 148.151+/-0.074 χ^2/NDF : 31918.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.844+/-0.047 χ^2/NDF : 192803.9/9

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

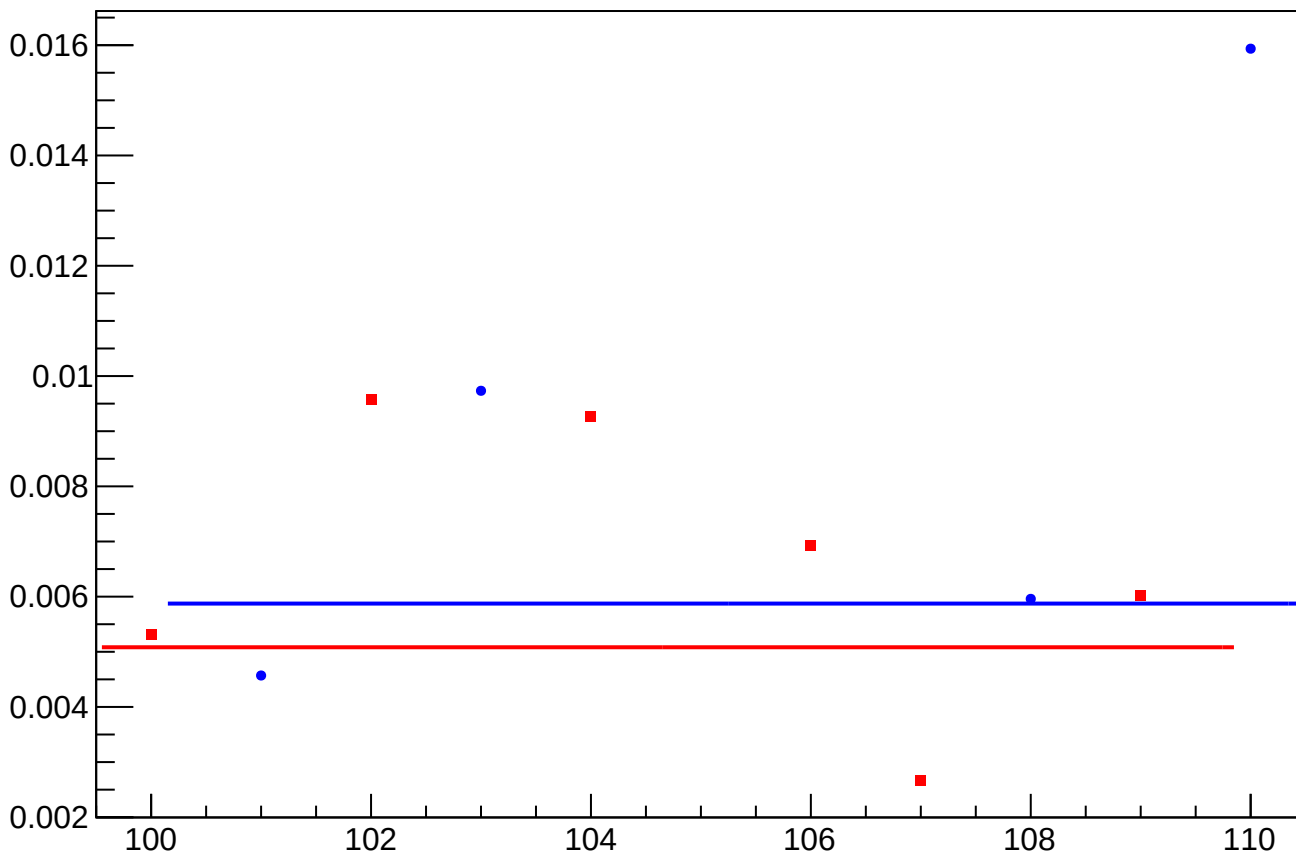
Right: -0.000+/-0.000 χ^2/NDF : 3.8/9

In: -0.000+/-0.000 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.8/9

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 594315.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 960252.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

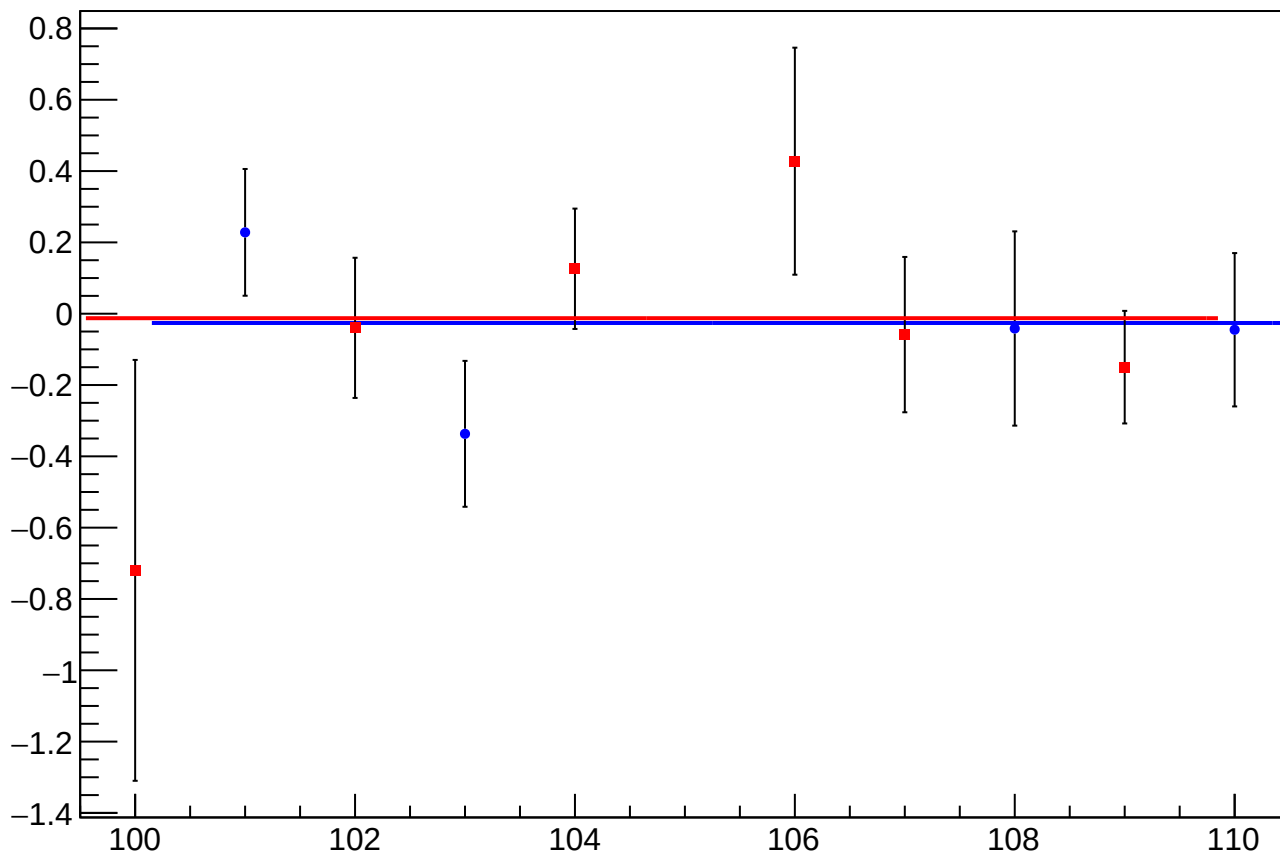
Right: 0.005+/-0.000 χ^2/NDF : 1590988.5/9

In: 0.006+/-0.000 χ^2/NDF : 594315.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1590988.5/9

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.105 χ^2 /NDF: 4.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.086 χ^2 /NDF: 4.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

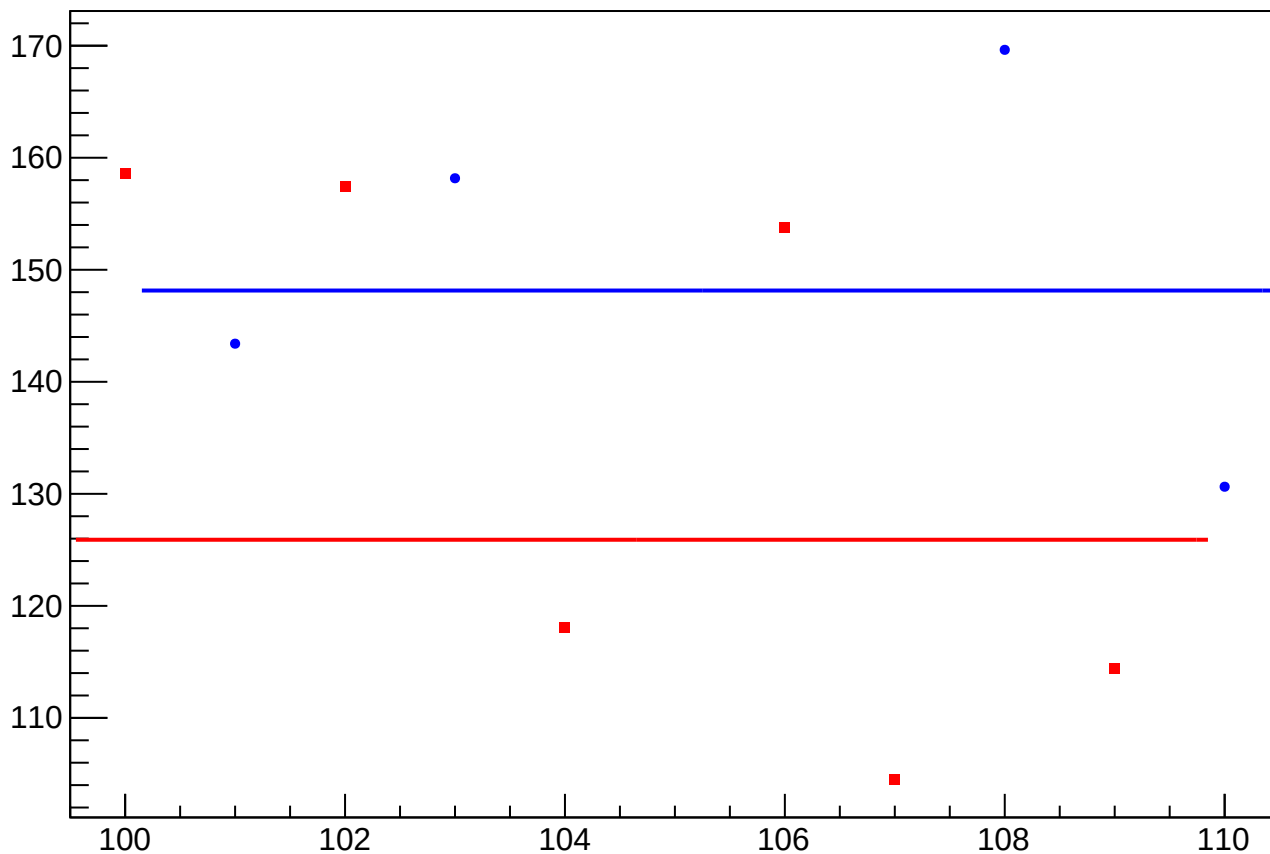
Right: -0.018 $\pm$ 0.067 χ^2 /NDF: 9.2/9

In: -0.026 $\pm$ 0.105 χ^2 /NDF:4.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.067 χ^2 /NDF: 9.2/9

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 148.147 $\pm$ 0.074 χ^2 /NDF: 31931.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.902 $\pm$ 0.061 χ^2 /NDF: 107211.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

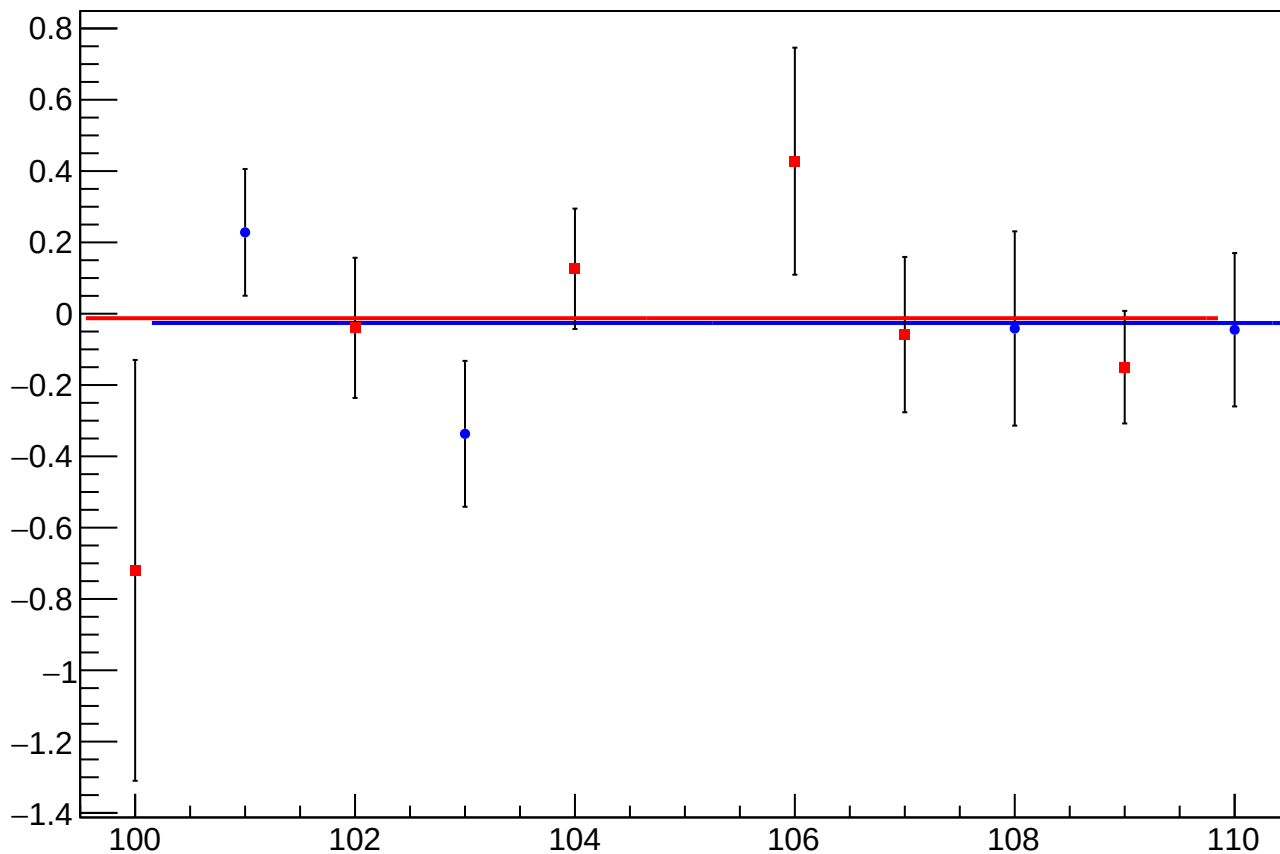
Right: 134.841 $\pm$ 0.047 χ^2 /NDF: 192813.7/9

In: 148.147 $\pm$ 0.074 χ^2 /NDF:31931.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.841 $\pm$ 0.047 χ^2 /NDF: 192813.7/9

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.105 χ^2 /NDF: 4.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.086 χ^2 /NDF: 4.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

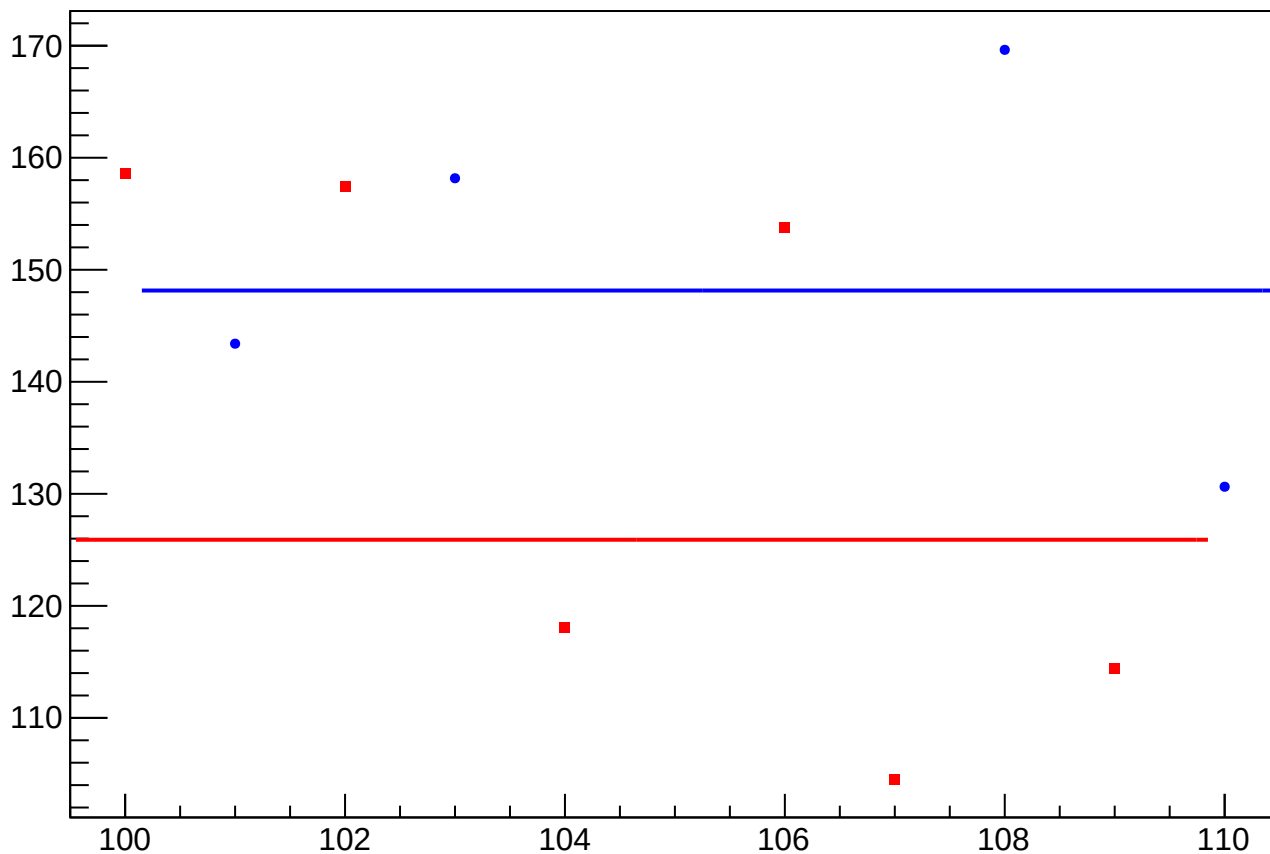
Right: -0.018 $\pm$ 0.067 χ^2 /NDF: 9.2/9

In: -0.026 $\pm$ 0.105 χ^2 /NDF:4.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.067 χ^2 /NDF: 9.2/9

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 148.147 $\pm$ 0.074 χ^2 /NDF: 31931.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.902 $\pm$ 0.061 χ^2 /NDF: 107211.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

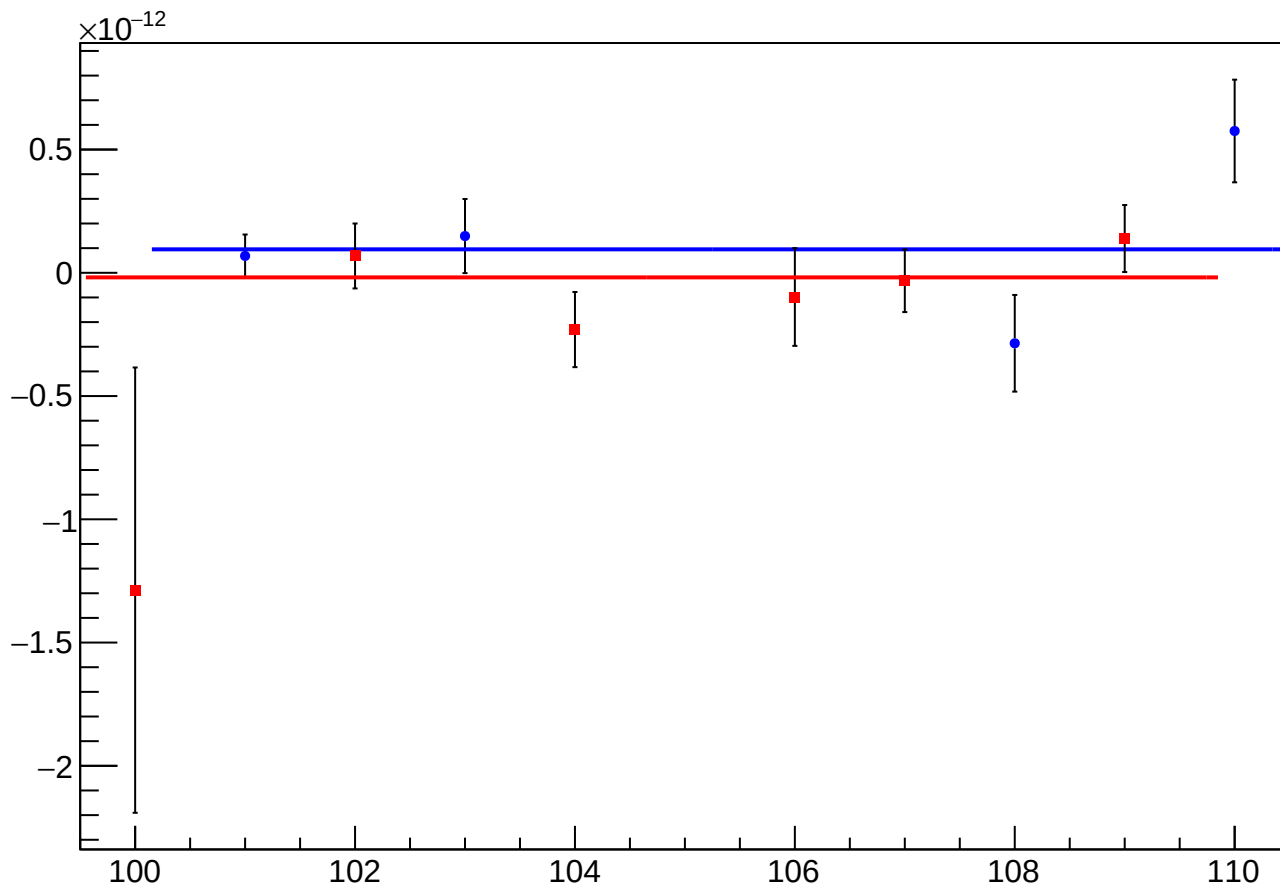
Right: 134.841 $\pm$ 0.047 χ^2 /NDF: 192813.7/9

In: 148.147 $\pm$ 0.074 χ^2 /NDF:31931.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.841 $\pm$ 0.047 χ^2 /NDF: 192813.7/9

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

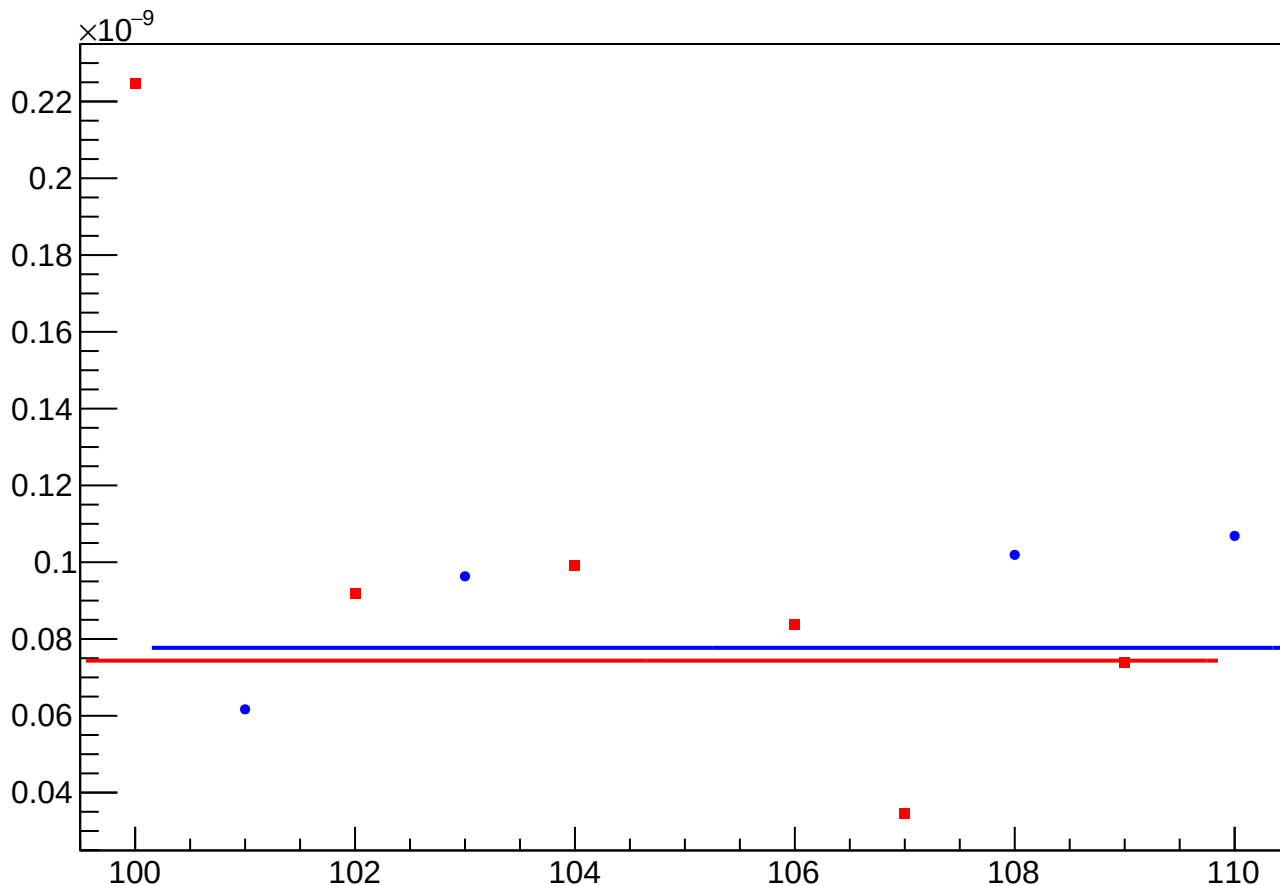
Right: 0.000+/-0.000 χ^2/NDF : 16.7/9

In: 0.000+/-0.000 χ^2/NDF : 9.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.7/9

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 168598.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 343816.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

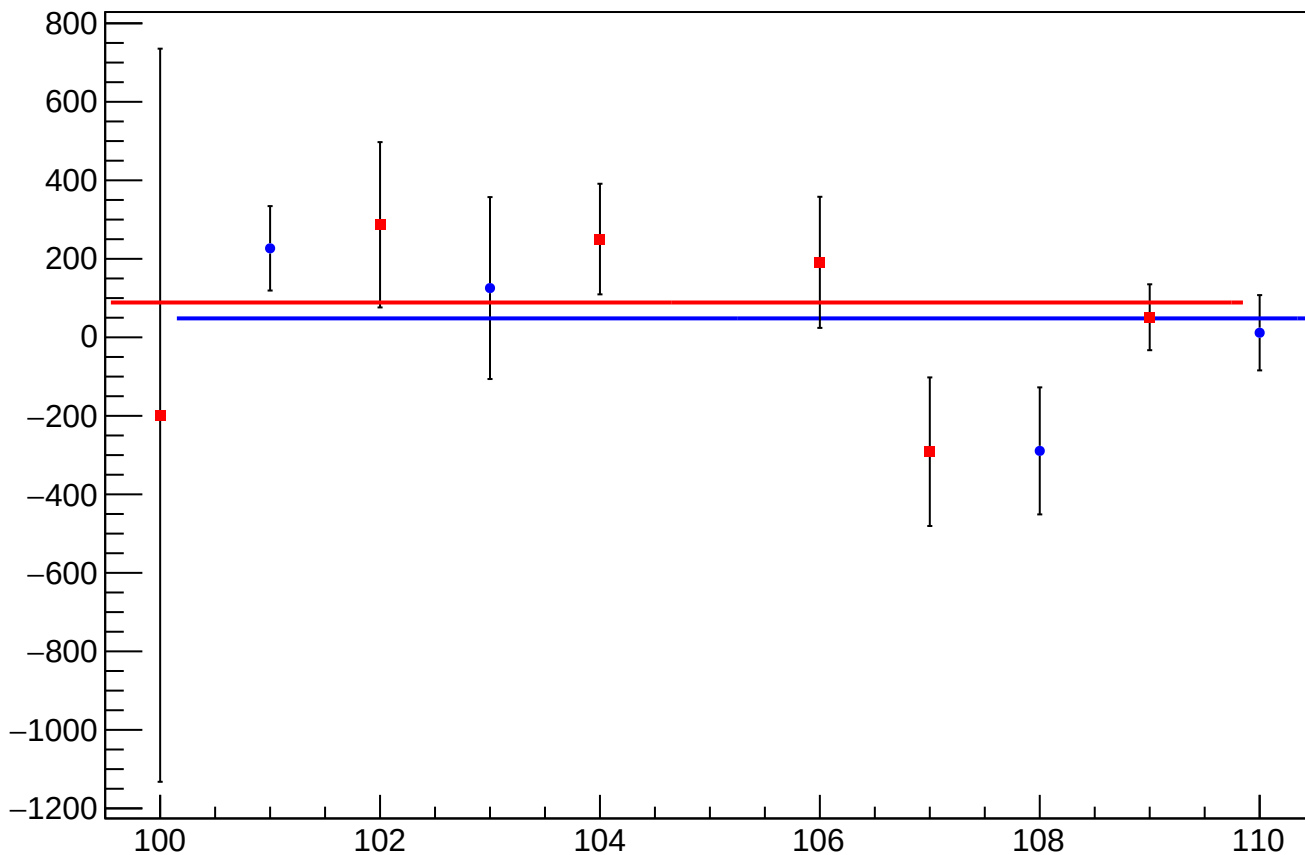
Right: 0.000+/-0.000 χ^2/NDF : 515035.7/9

In: 0.000+/-0.000 χ^2/NDF : 168598.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 515035.7/9

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 48.269+/-62.996 χ^2/NDF : 7.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.767+/-59.785 χ^2/NDF : 6.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

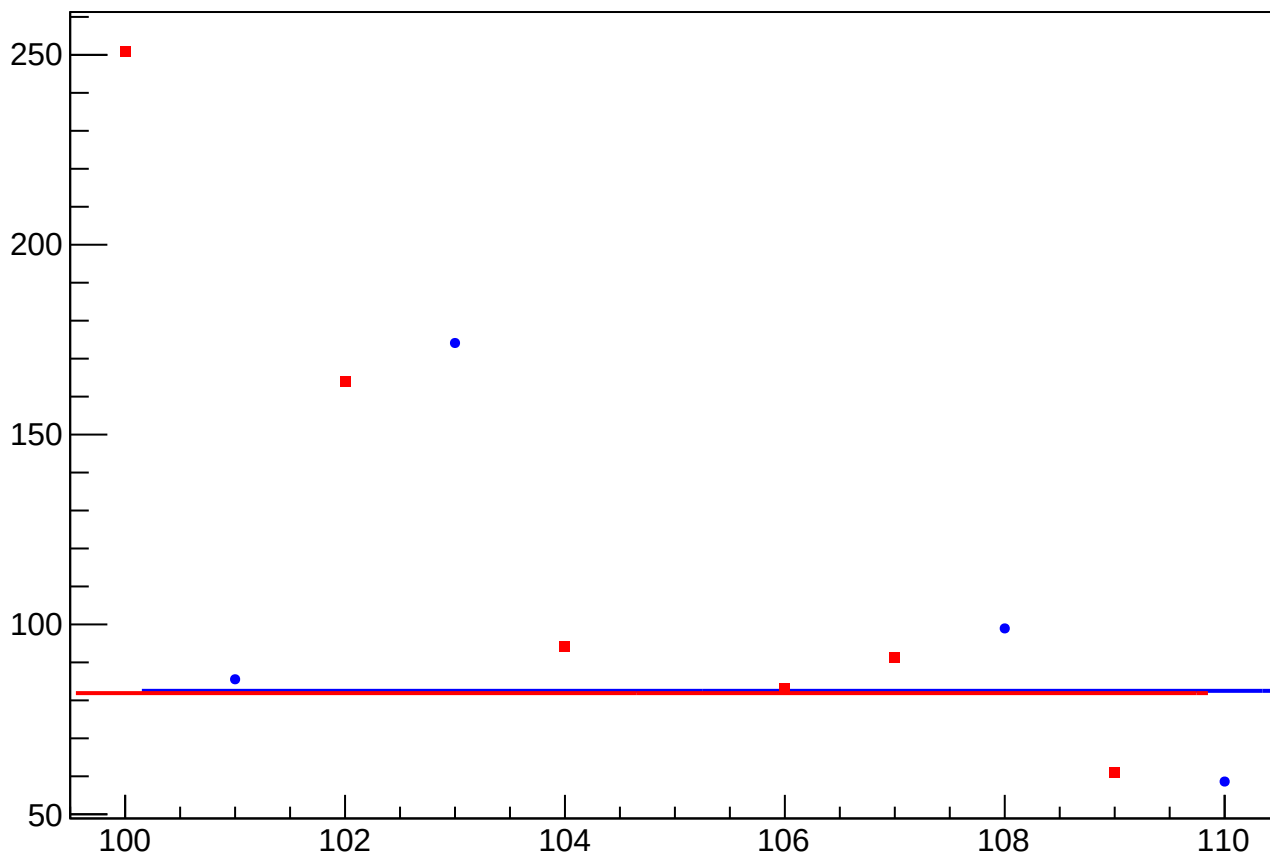
Right: 69.577+/-43.365 χ^2/NDF : 14.5/9

In: 48.269+/-62.996 χ^2/NDF : 7.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.577+/-43.365 χ^2/NDF : 14.5/9

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 82.508+/-0.045 χ^2/NDF : 458920.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.909+/-0.042 χ^2/NDF : 513259.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

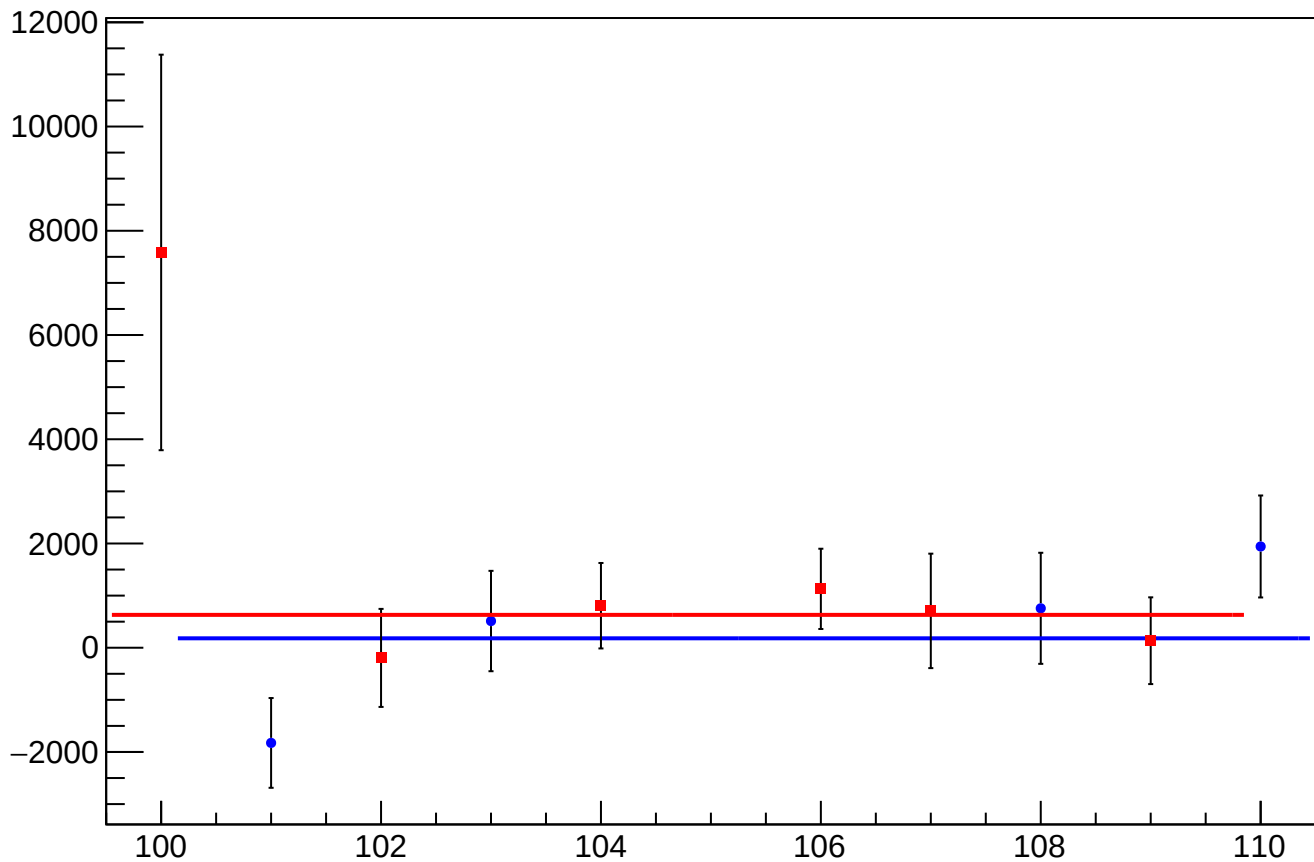
Right: 82.193+/-0.031 χ^2/NDF : 972274.1/9

In: 82.508+/-0.045 χ^2/NDF : 458920.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.193+/-0.031 χ^2/NDF : 972274.1/9

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 180.634 $\pm$ 479.294 χ^2 /NDF: 9.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 630.444 $\pm$ 387.836 χ^2 /NDF: 5.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

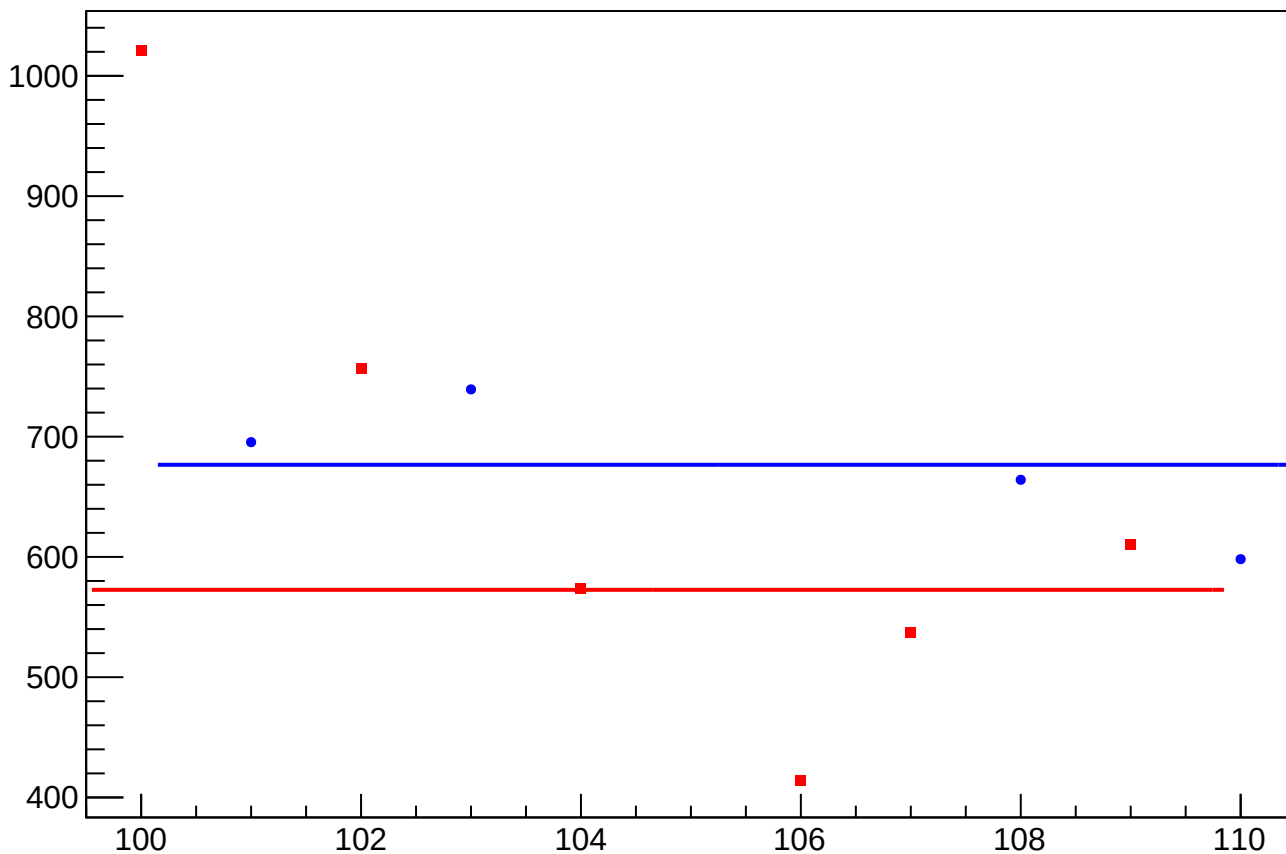
Right: 452.460 $\pm$ 301.494 χ^2 /NDF: 14.6/9

In: 180.634 $\pm$ 479.294 χ^2 /NDF:9.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 452.460 $\pm$ 301.494 χ^2 /NDF: 14.6/9

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 676.616+/-0.339 χ^2/NDF : 22580.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 572.630+/-0.274 χ^2/NDF : 195419.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

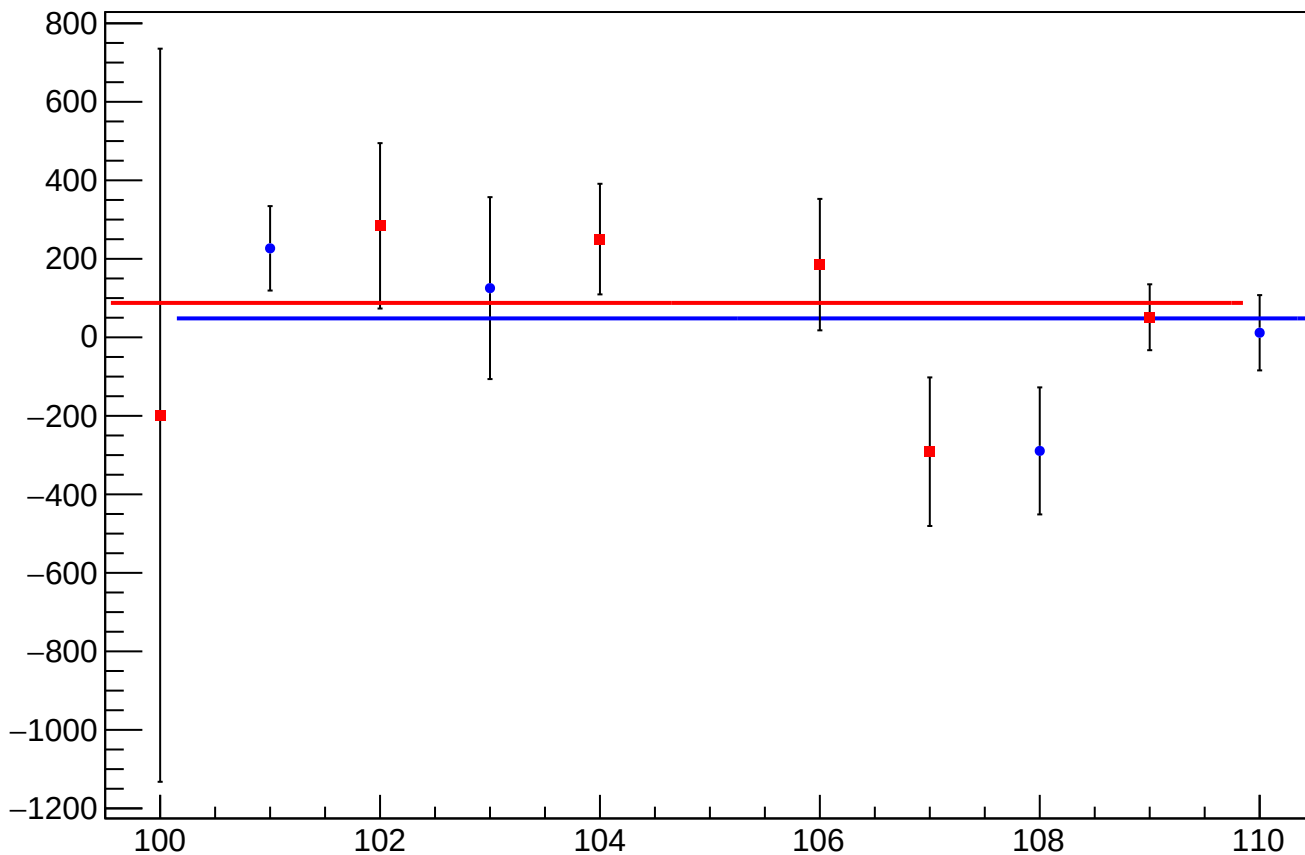
Right: 613.776+/-0.213 χ^2/NDF : 274889.7/9

In: 676.616+/-0.339 χ^2/NDF : 22580.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.776+/-0.213 χ^2/NDF : 274889.7/9

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 48.252+/-62.996 χ^2/NDF : 7.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.719+/-59.807 χ^2/NDF : 6.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

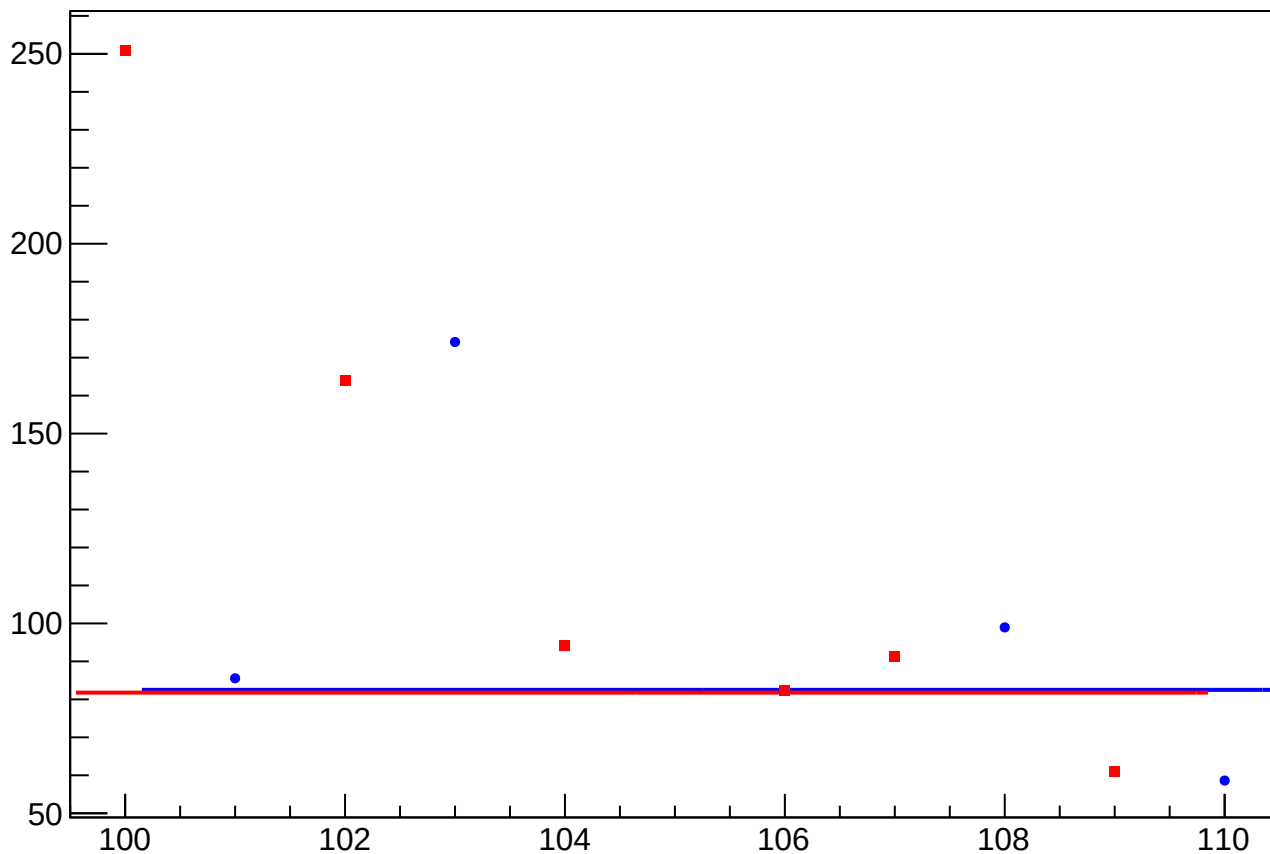
Right: 69.010+/-43.373 χ^2/NDF : 14.4/9

In: 48.252+/-62.996 χ^2/NDF : 7.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.010+/-43.373 χ^2/NDF : 14.4/9

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 82.508+/-0.045 χ^2/NDF : 458922.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.778+/-0.042 χ^2/NDF : 513316.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

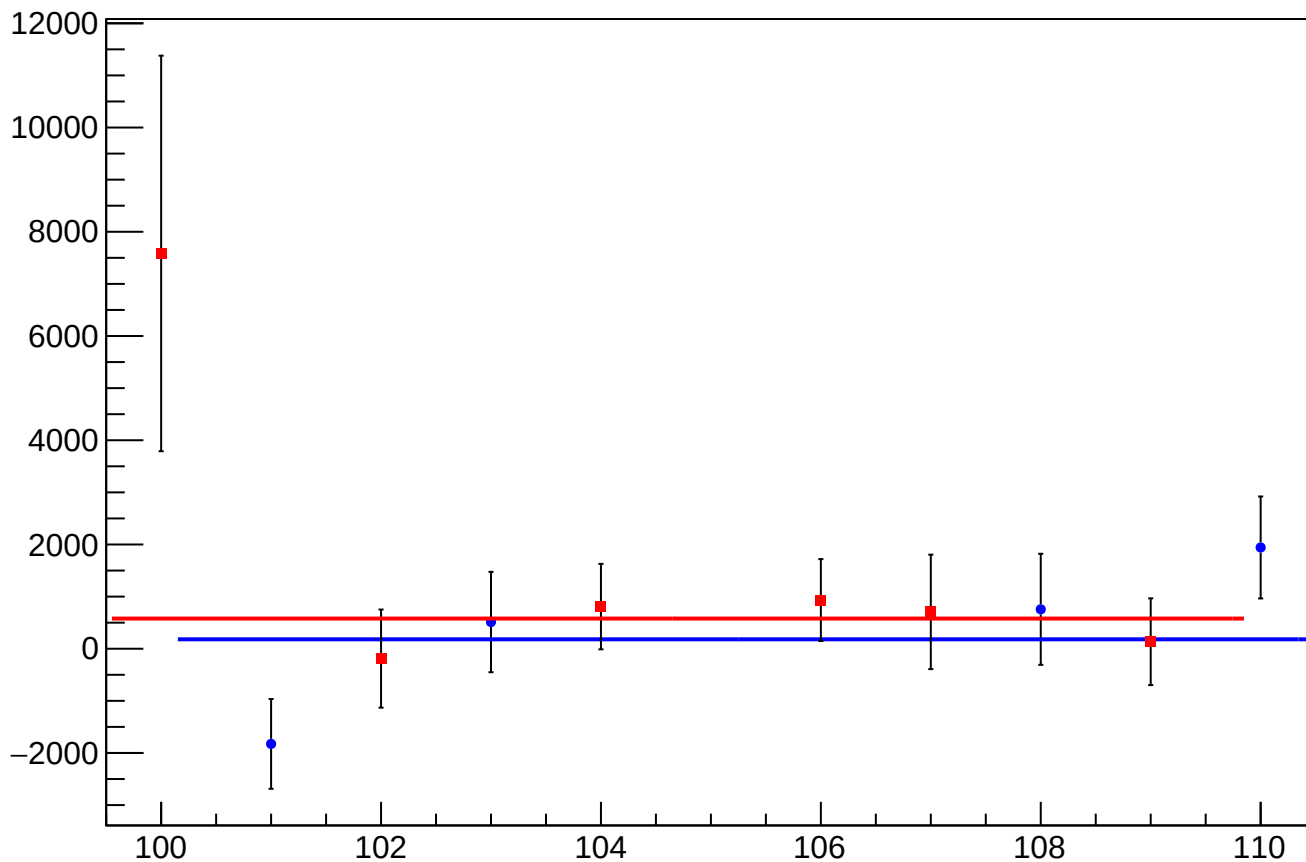
Right: 82.124+/-0.031 χ^2/NDF : 972380.1/9

In: 82.508+/-0.045 χ^2/NDF : 458922.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.124+/-0.031 χ^2/NDF : 972380.1/9

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 180.660 $\pm$ 479.308 χ^2 /NDF: 9.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 579.026 $\pm$ 389.843 χ^2 /NDF: 4.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

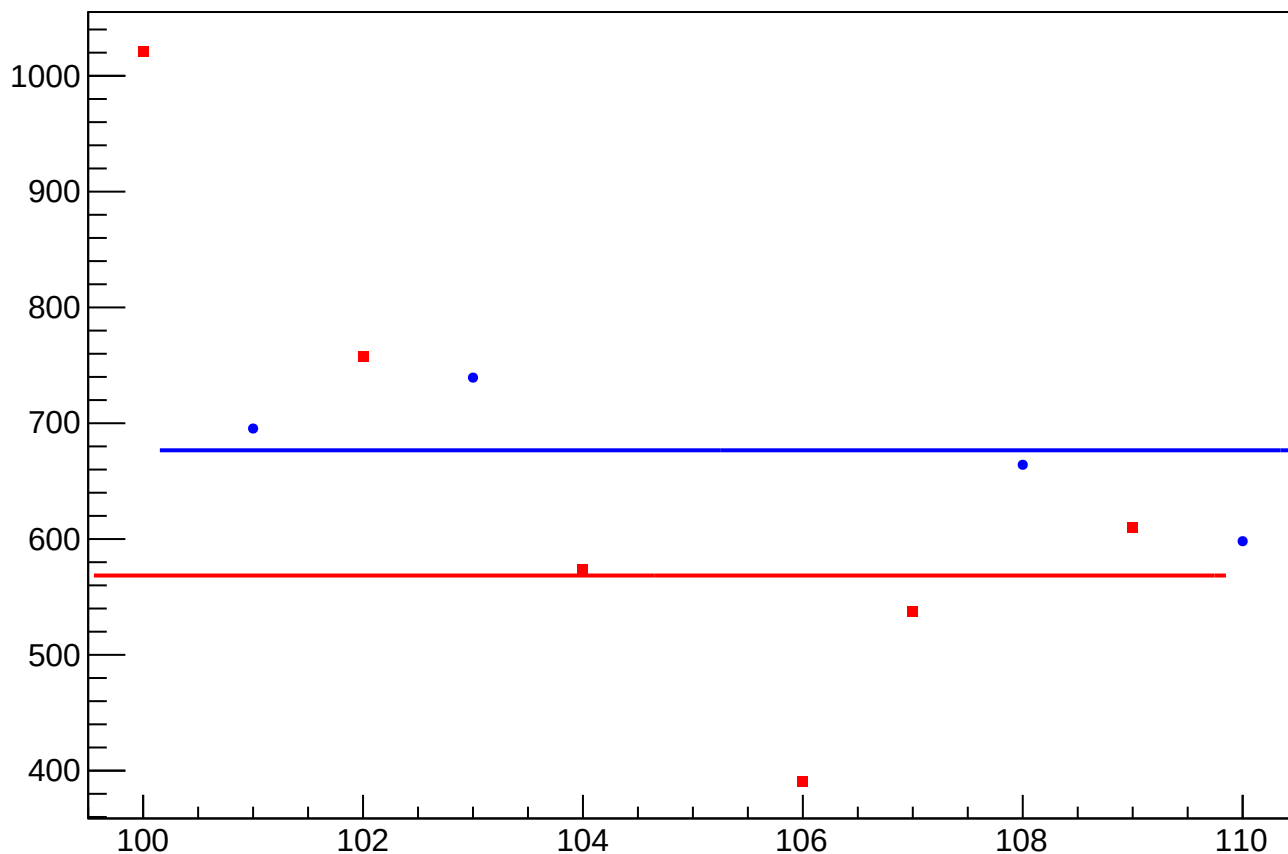
Right: 420.419 $\pm$ 302.437 χ^2 /NDF: 14.2/9

In: 180.660 $\pm$ 479.308 χ^2 /NDF:9.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 420.419 $\pm$ 302.437 χ^2 /NDF: 14.2/9

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 676.632+/-0.339 χ^2/NDF : 22600.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 568.506+/-0.276 χ^2/NDF : 218166.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

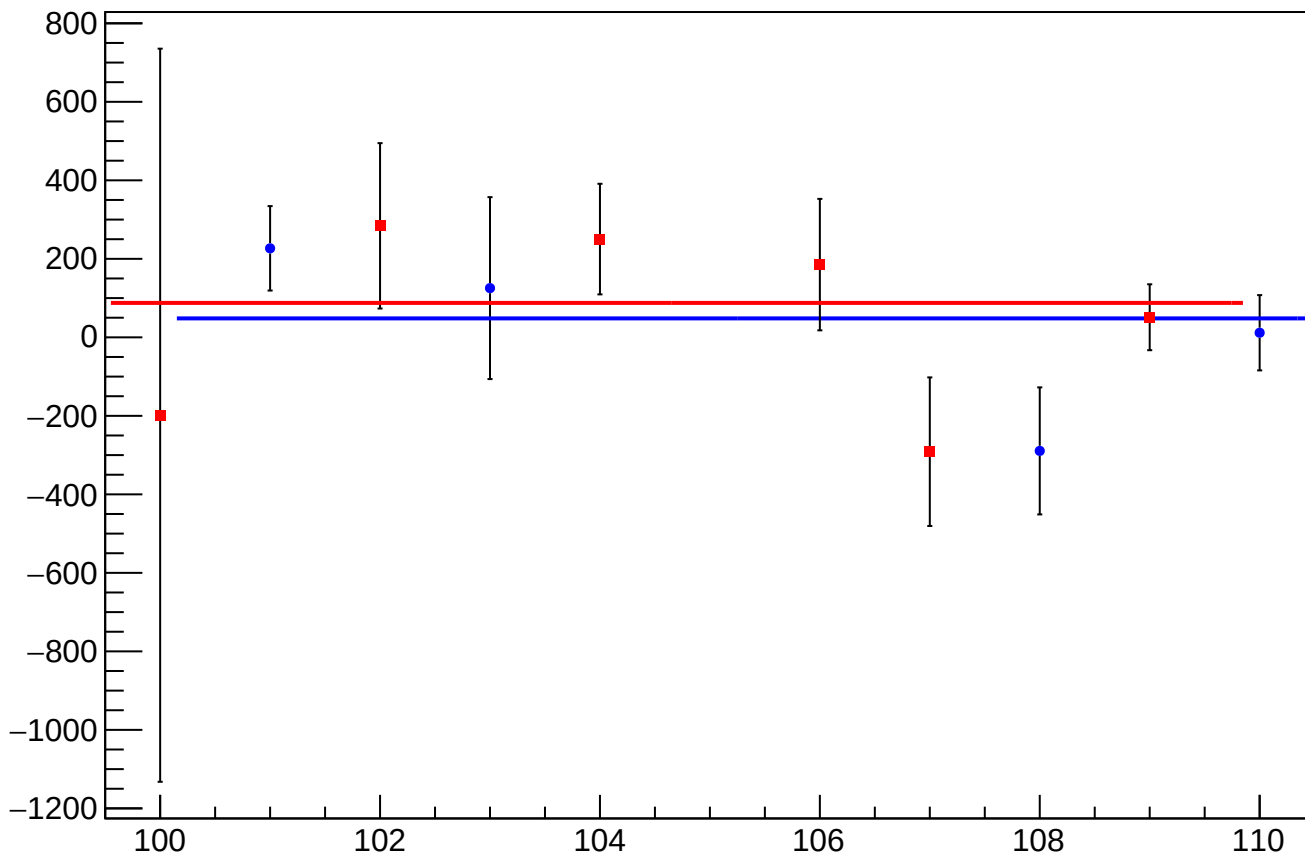
Right: 611.556+/-0.214 χ^2/NDF : 302023.0/9

In: 676.632+/-0.339 χ^2/NDF : 22600.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.556+/-0.214 χ^2/NDF : 302023.0/9

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 48.252+/-62.996 χ^2/NDF : 7.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.719+/-59.807 χ^2/NDF : 6.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

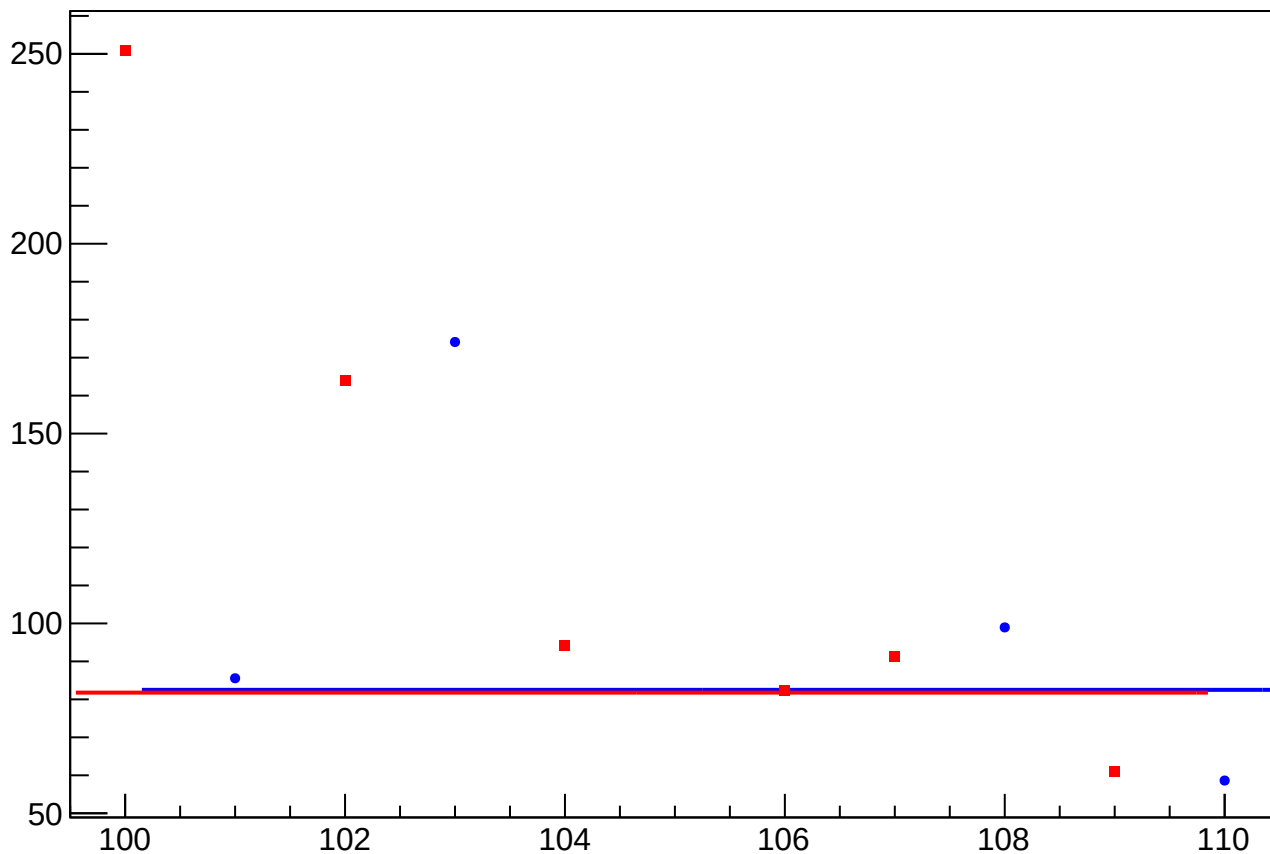
Right: 69.010+/-43.373 χ^2/NDF : 14.4/9

In: 48.252+/-62.996 χ^2/NDF : 7.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.010+/-43.373 χ^2/NDF : 14.4/9

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 82.508 $\pm$ 0.045 χ^2 /NDF: 458922.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.778 $\pm$ 0.042 χ^2 /NDF: 513316.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

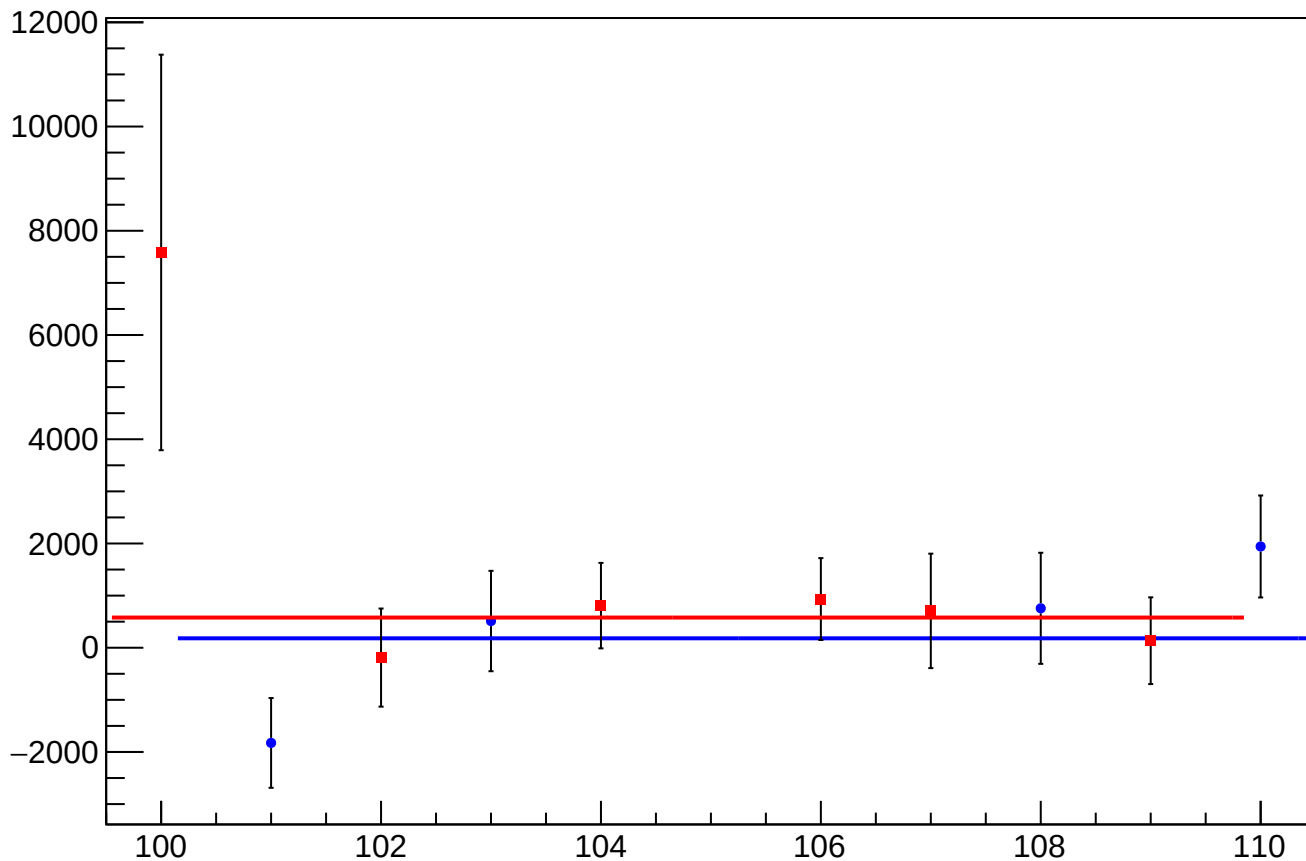
Right: 82.124 $\pm$ 0.031 χ^2 /NDF: 972380.1/9

In: 82.508 $\pm$ 0.045 χ^2 /NDF: 458922.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.124 $\pm$ 0.031 χ^2 /NDF: 972380.1/9

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 180.660+/-479.308 χ^2/NDF : 9.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 579.026+/-389.843 χ^2/NDF : 4.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

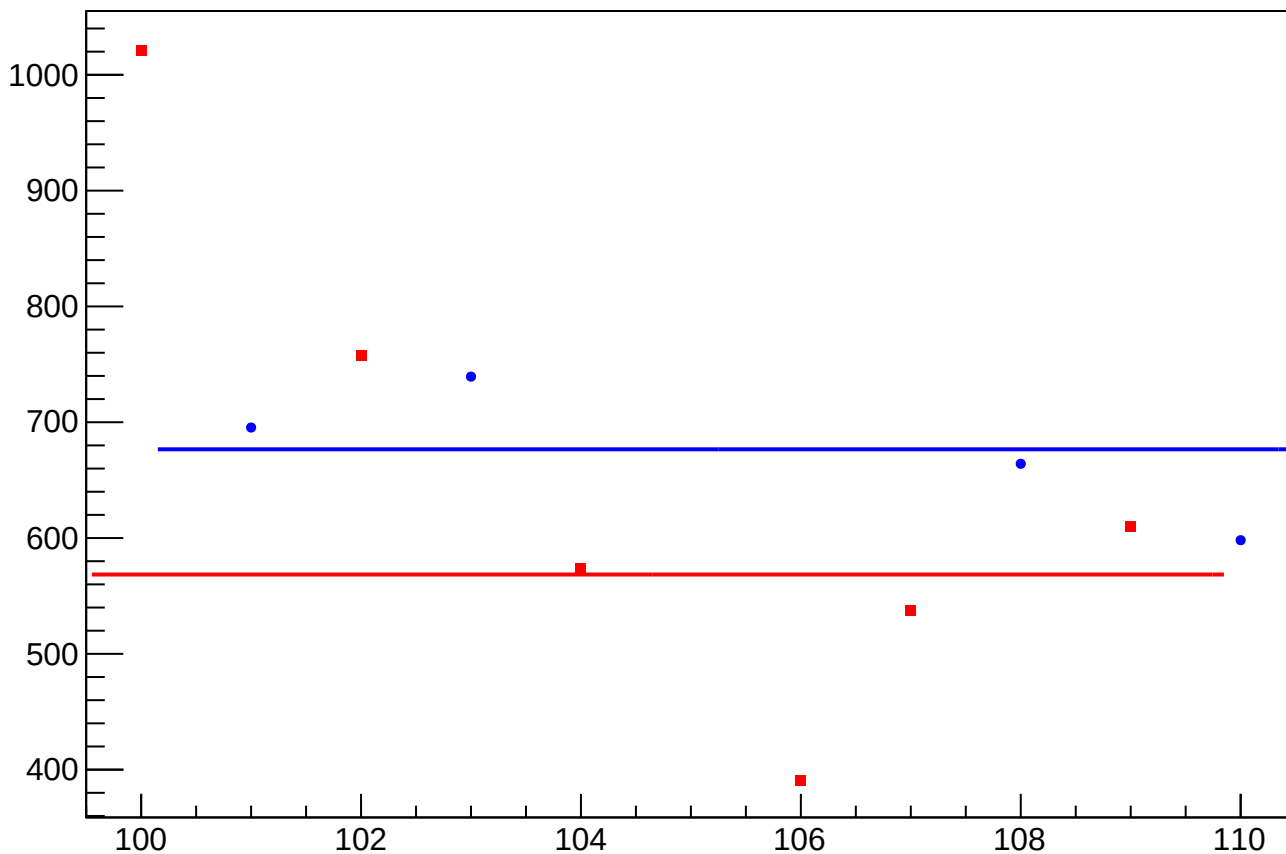
Right: 420.419+/-302.437 χ^2/NDF : 14.2/9

In: 180.660+/-479.308 χ^2/NDF : 9.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.419+/-302.437 χ^2/NDF : 14.2/9

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 676.632 $\pm$ 0.339 χ^2 /NDF: 22600.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 568.506 $\pm$ 0.276 χ^2 /NDF: 218166.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

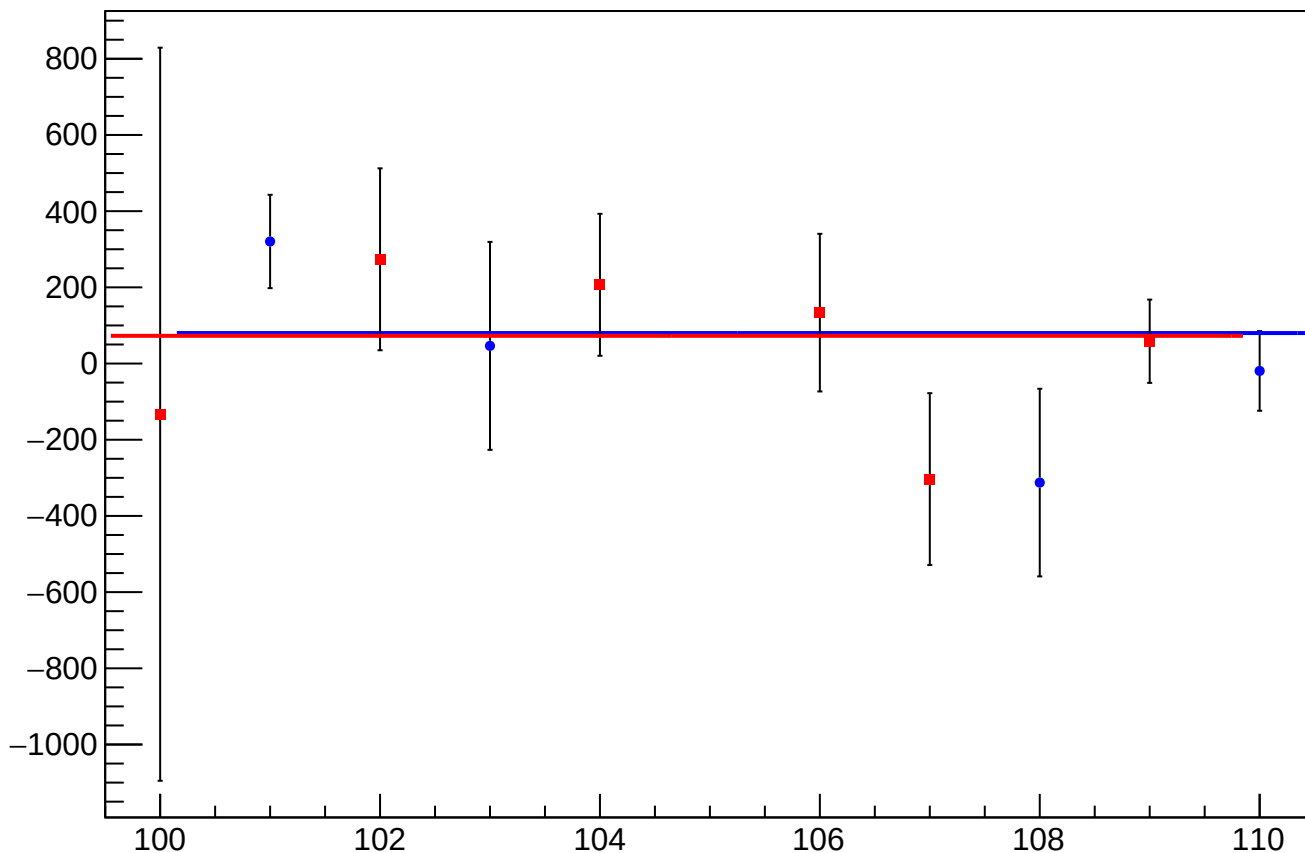
Right: 611.556 $\pm$ 0.214 χ^2 /NDF: 302023.0/9

In: 676.632 $\pm$ 0.339 χ^2 /NDF:22600.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 611.556 $\pm$ 0.214 χ^2 /NDF: 302023.0/9

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 80.050+/-72.920 χ^2/NDF : 7.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.764+/-75.775 χ^2/NDF : 4.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

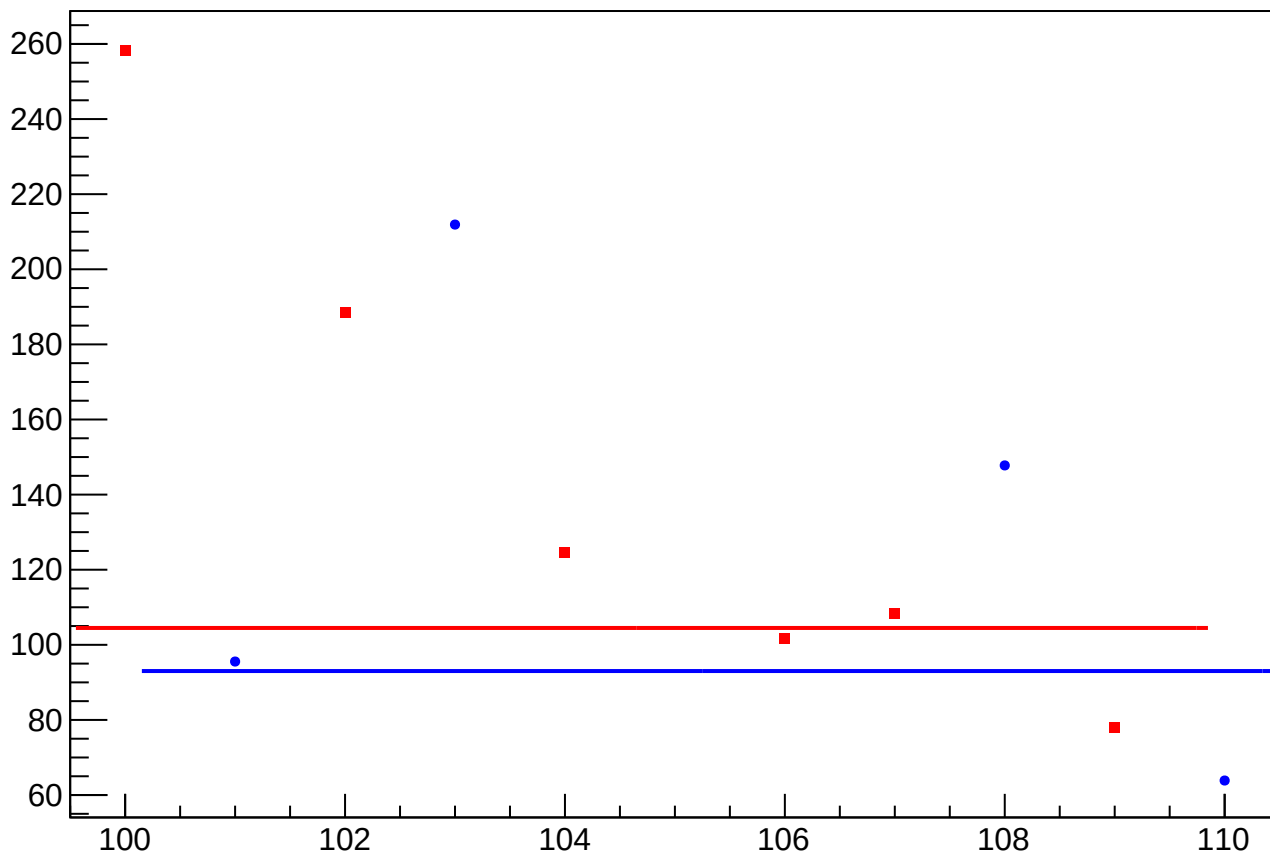
Right: 76.547+/-52.543 χ^2/NDF : 11.5/9

In: 80.050+/-72.920 χ^2/NDF : 7.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.547+/-52.543 χ^2/NDF : 11.5/9

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 93.020+/-0.052 χ^2/NDF : 634678.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.492+/-0.054 χ^2/NDF : 441670.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

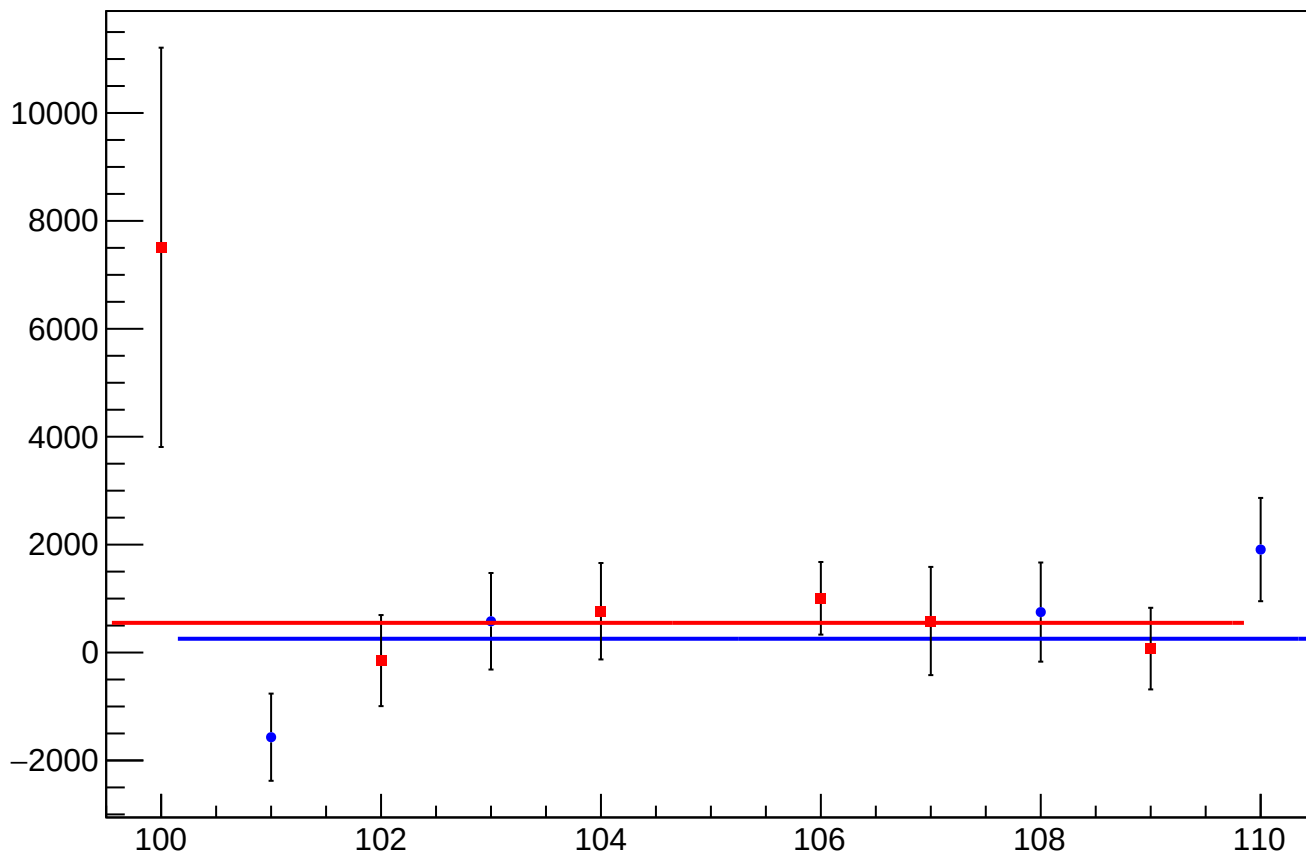
Right: 98.536+/-0.037 χ^2/NDF : 1100149.6/9

In: 93.020+/-0.052 χ^2/NDF : 634678.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.536+/-0.037 χ^2/NDF : 1100149.6/9

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 255.371+/-444.681 χ^2/NDF : 8.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 550.263+/-360.875 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

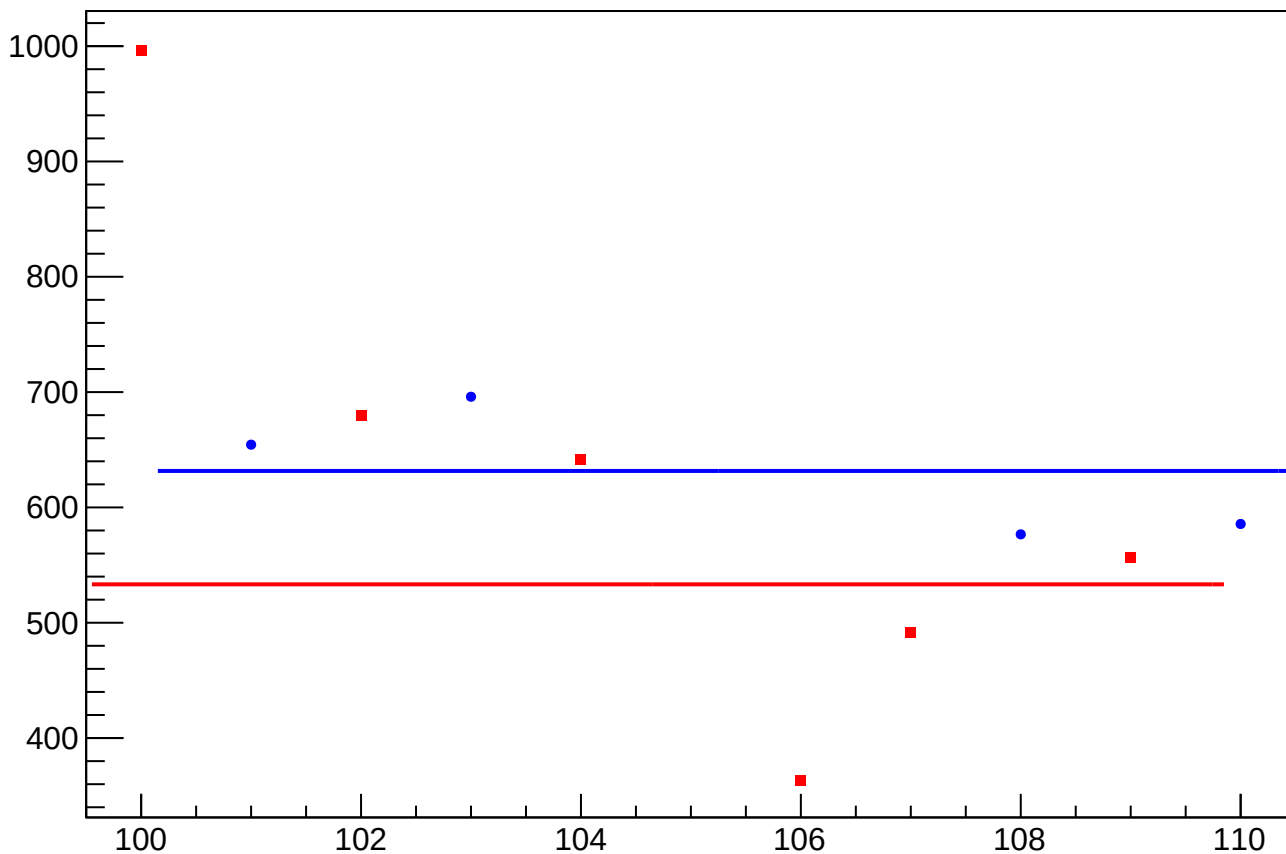
Right: 433.168+/-280.212 χ^2/NDF : 13.9/9

In: 255.371+/-444.681 χ^2/NDF : 8.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.168+/-280.212 χ^2/NDF : 13.9/9

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 631.629+/-0.314 χ^2/NDF : 23711.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.288+/-0.255 χ^2/NDF : 253631.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

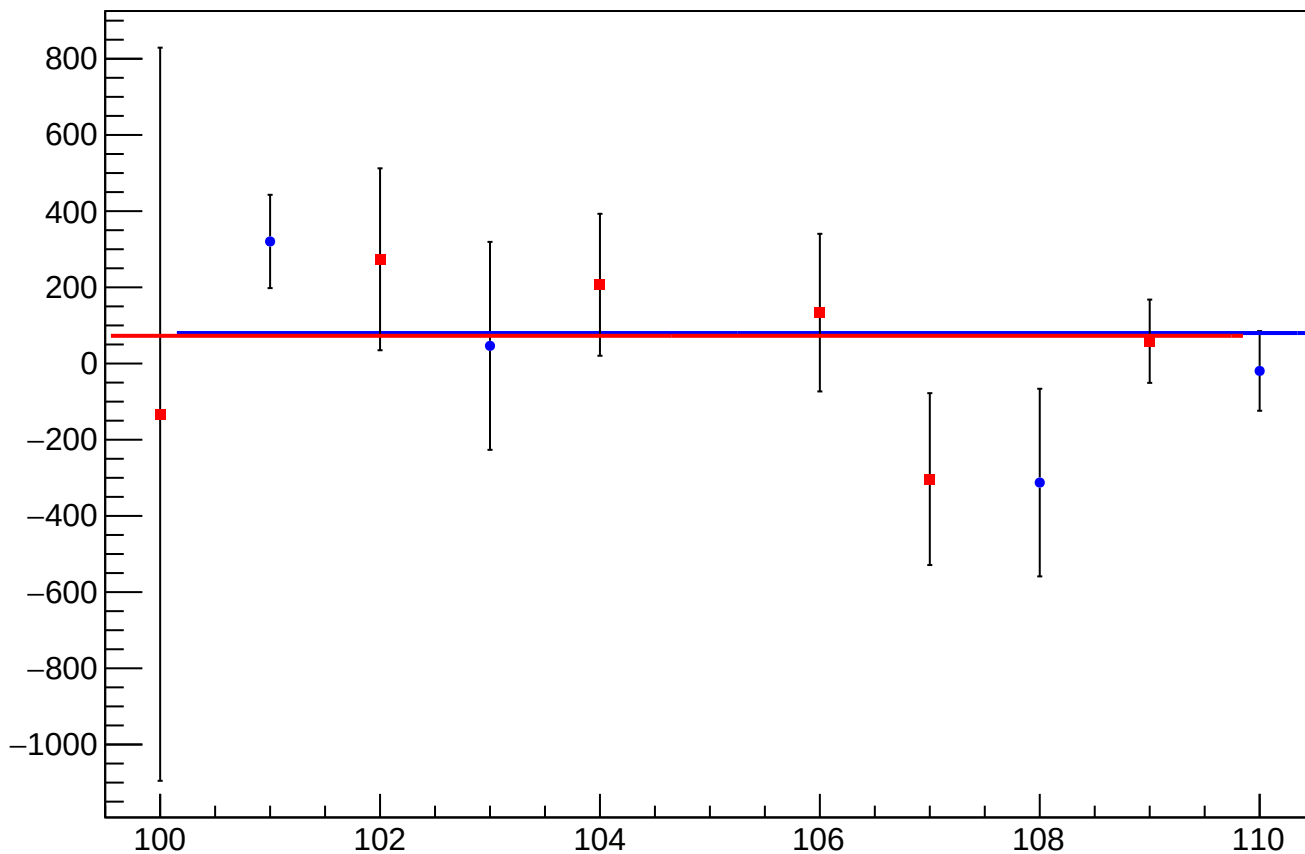
Right: 572.337+/-0.198 χ^2/NDF : 336316.8/9

In: 631.629+/-0.314 χ^2/NDF : 23711.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.337+/-0.198 χ^2/NDF : 336316.8/9

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 80.053+/-72.920 χ^2/NDF : 7.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.763+/-75.776 χ^2/NDF : 4.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

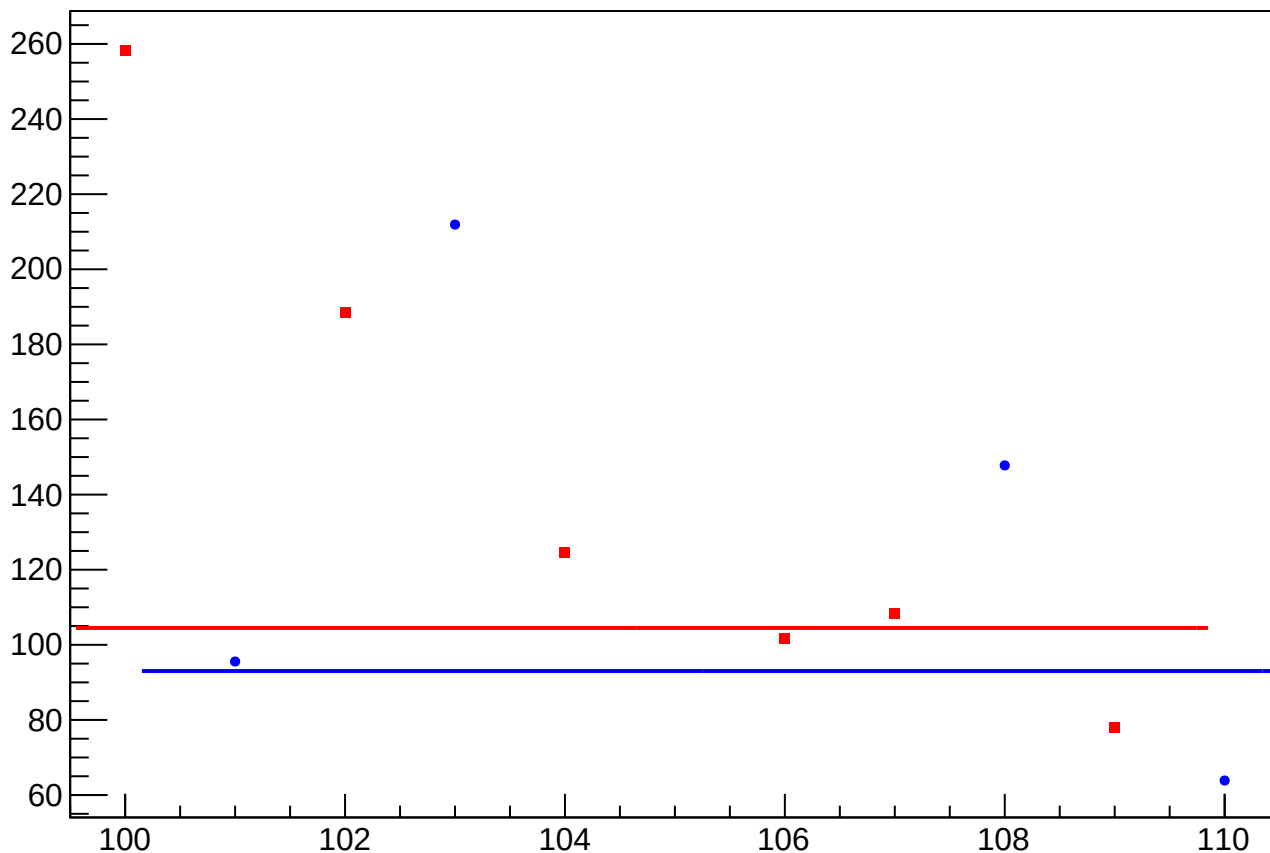
Right: 76.548+/-52.543 χ^2/NDF : 11.5/9

In: 80.053+/-72.920 χ^2/NDF : 7.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.548+/-52.543 χ^2/NDF : 11.5/9

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 93.020+/-0.052 χ^2/NDF : 634685.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.493+/-0.054 χ^2/NDF : 441664.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

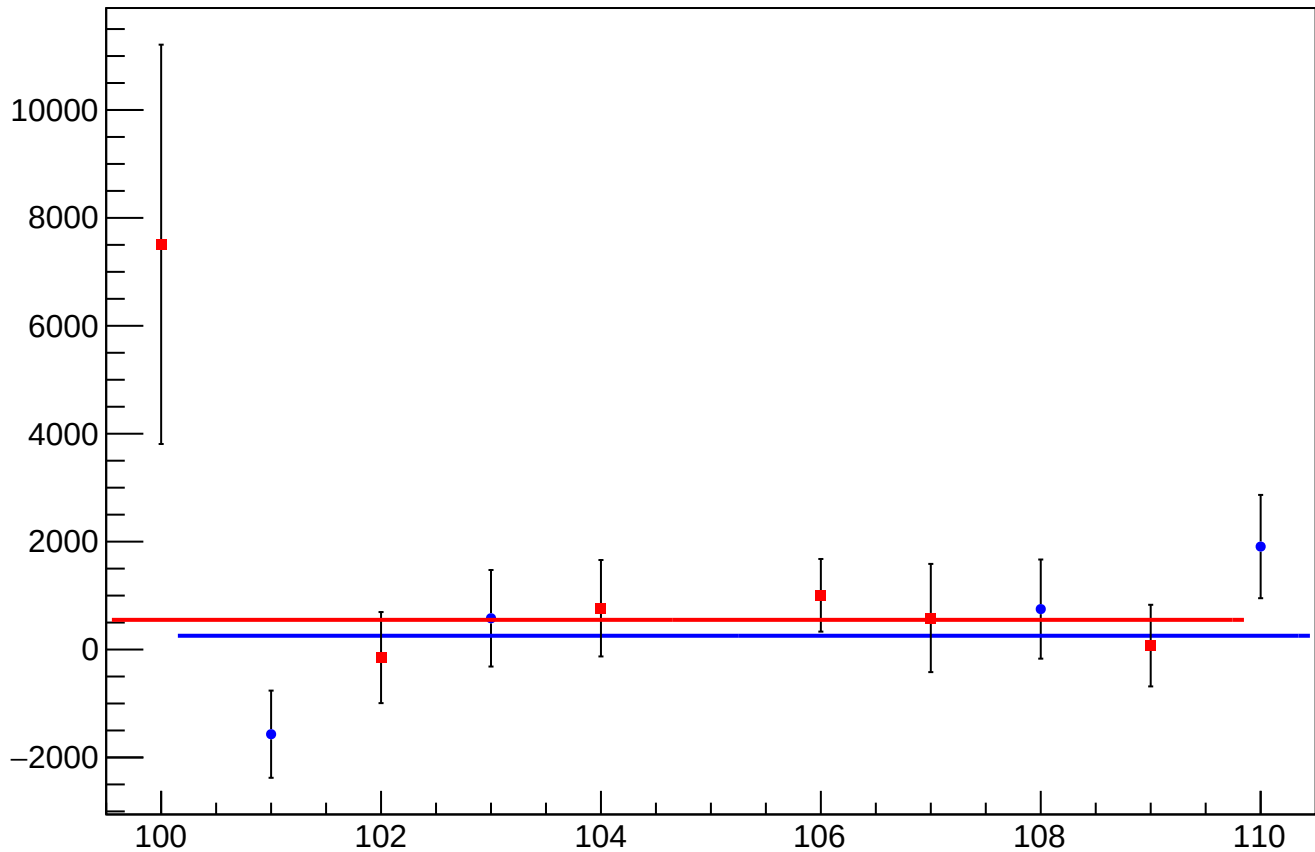
Right: 98.536+/-0.037 χ^2/NDF : 1100152.4/9

In: 93.020+/-0.052 χ^2/NDF : 634685.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.536+/-0.037 χ^2/NDF : 1100152.4/9

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 255.369+/-444.680 χ^2/NDF : 8.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 550.262+/-360.874 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

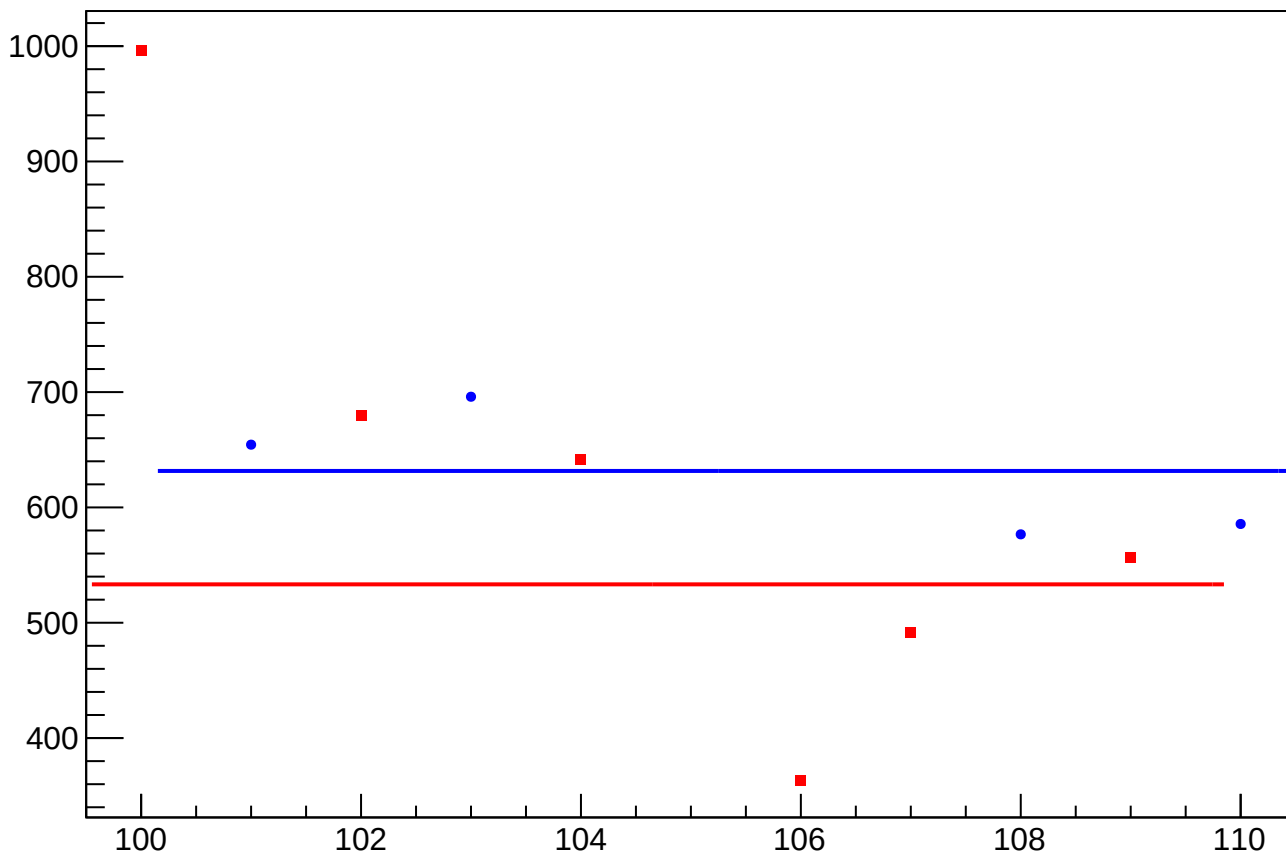
Right: 433.166+/-280.211 χ^2/NDF : 13.9/9

In: 255.369+/-444.680 χ^2/NDF : 8.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.166+/-280.211 χ^2/NDF : 13.9/9

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 631.627+/-0.314 χ^2/NDF : 23710.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.286+/-0.255 χ^2/NDF : 253628.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

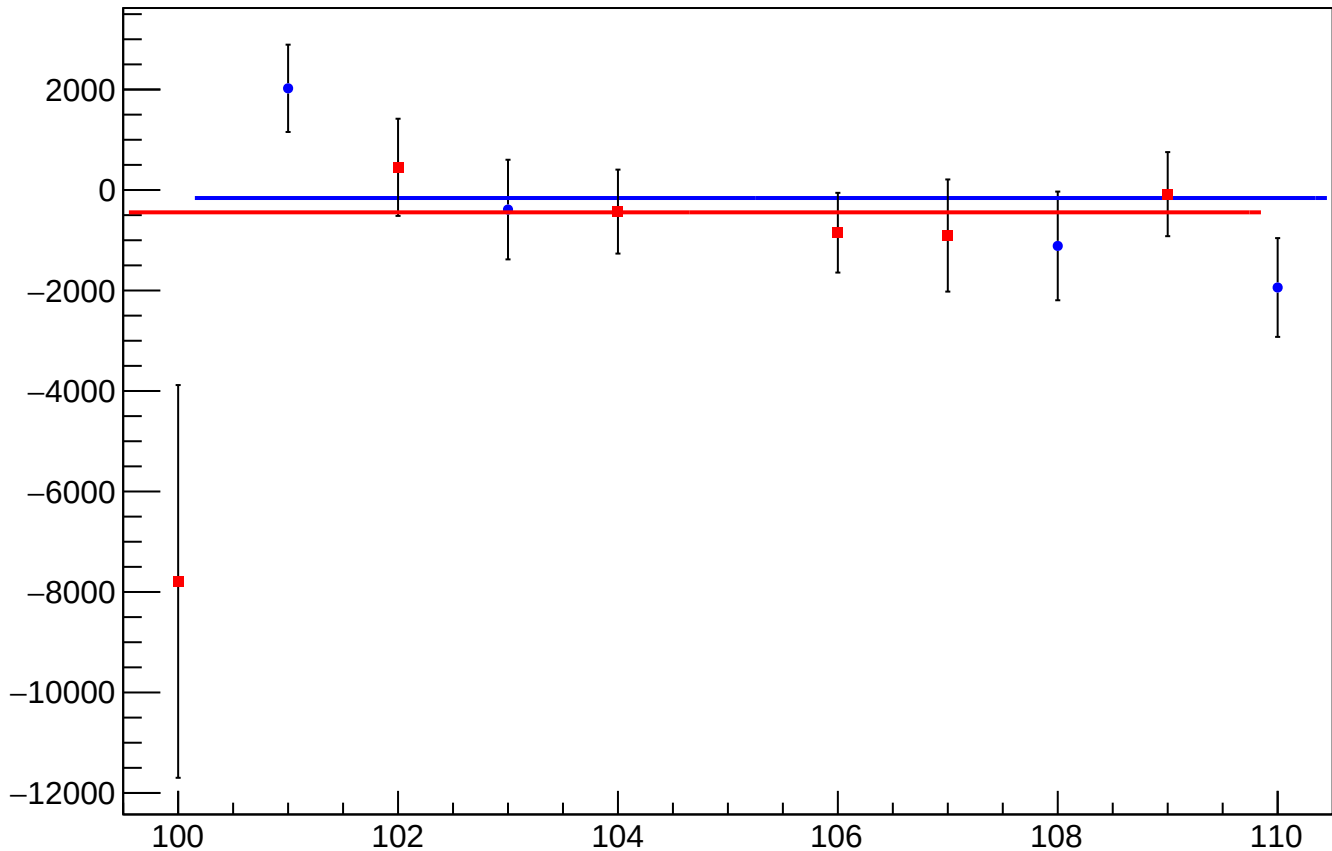
Right: 572.335+/-0.198 χ^2/NDF : 336312.5/9

In: 631.627+/-0.314 χ^2/NDF : 23710.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.335+/-0.198 χ^2/NDF : 336312.5/9

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -159.352+/-486.094 χ^2/NDF : 10.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -444.341+/-395.658 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

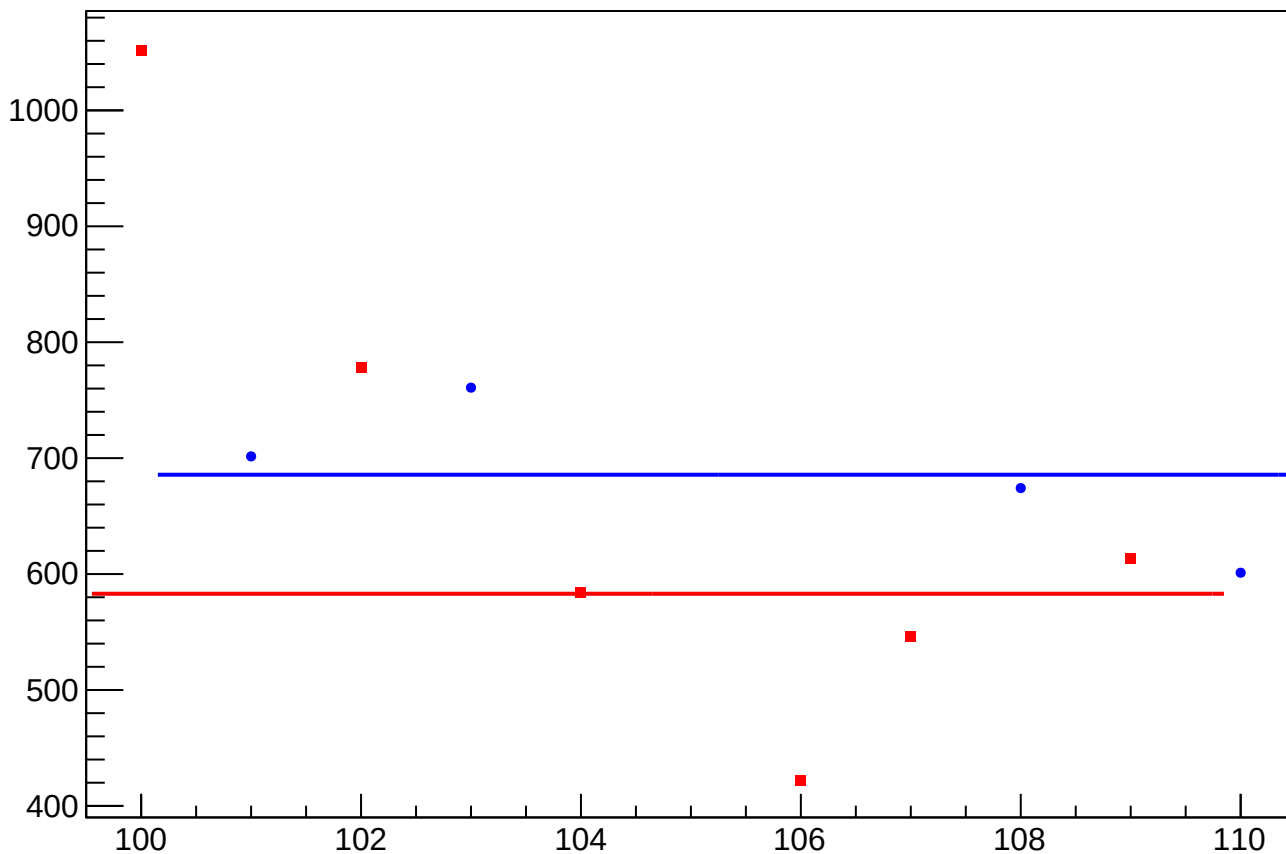
Right: -330.772+/-306.857 χ^2/NDF : 15.6/9

In: -159.352+/-486.094 χ^2/NDF : 10.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -330.772+/-306.857 χ^2/NDF : 15.6/9

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 685.702+/-0.344 χ^2/NDF : 27161.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 583.020+/-0.280 χ^2/NDF : 197204.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

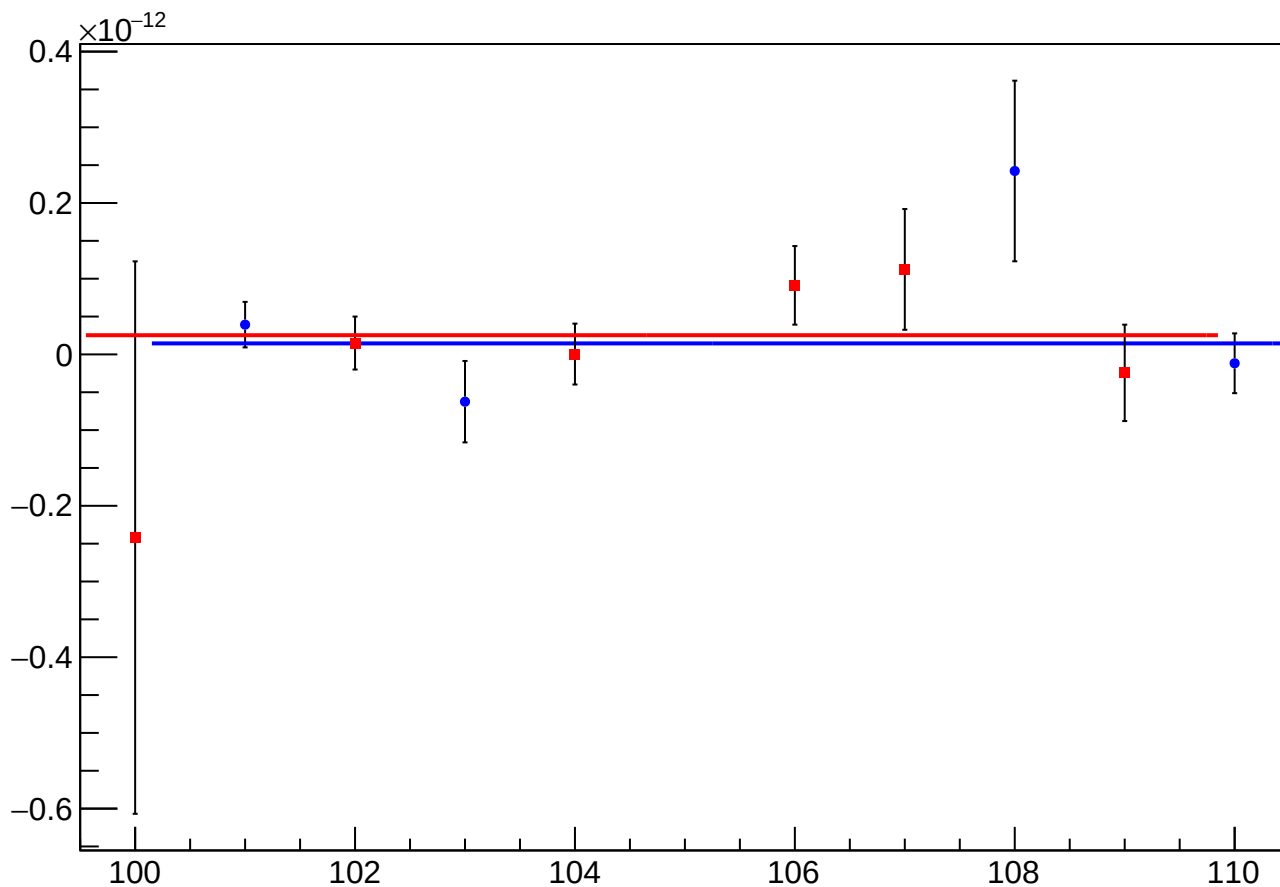
Right: 623.939+/-0.217 χ^2/NDF : 278045.8/9

In: 685.702+/-0.344 χ^2/NDF : 27161.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.939+/-0.217 χ^2/NDF : 278045.8/9

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

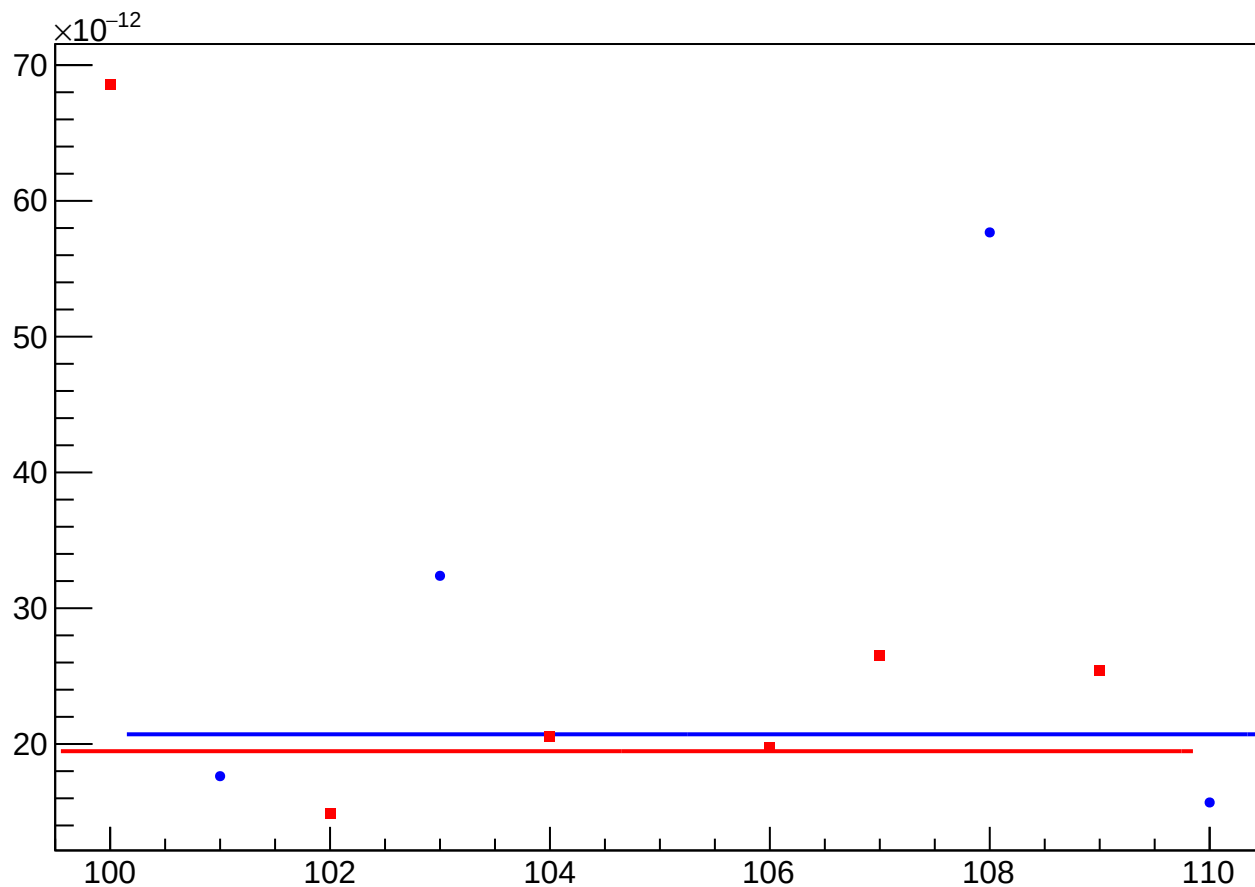
Right: 0.000+/-0.000 χ^2/NDF : 11.4/9

In: 0.000+/-0.000 χ^2/NDF : 6.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.4/9

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 339550.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 105436.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

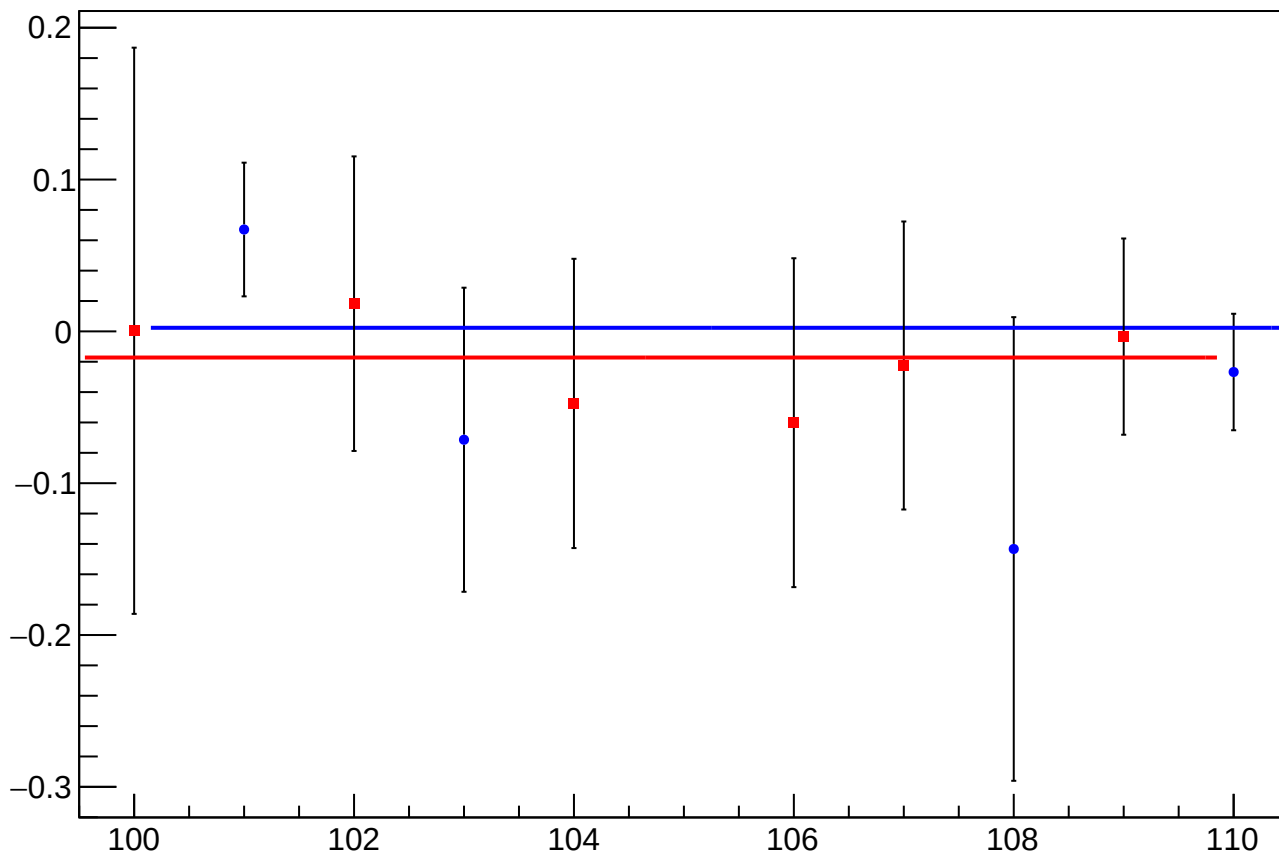
Right: 0.000+/-0.000 χ^2/NDF : 448377.3/9

In: 0.000+/-0.000 χ^2/NDF : 339550.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 448377.3/9

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.027 χ^2 /NDF: 4.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.017 $\pm$ 0.038 χ^2 /NDF: 0.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

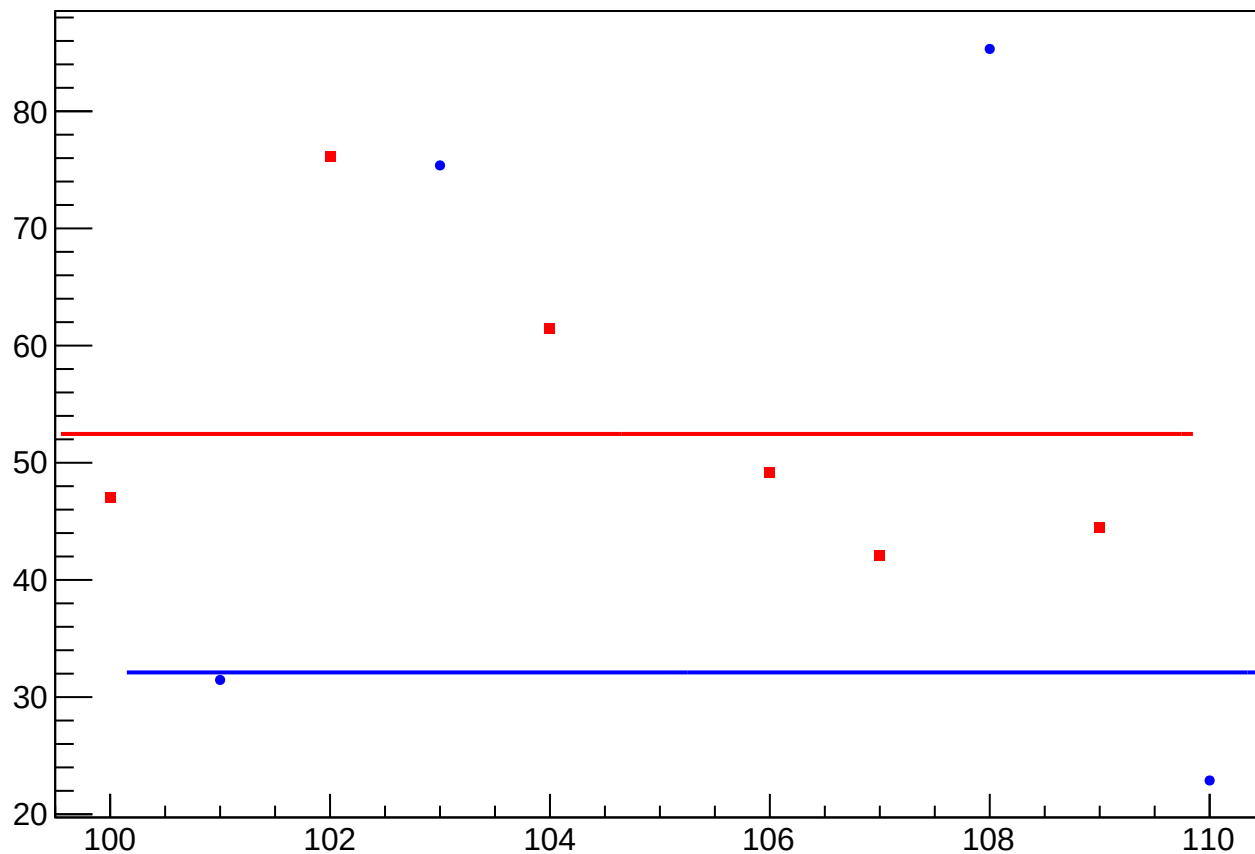
Right: -0.004 $\pm$ 0.022 χ^2 /NDF: 4.8/9

In: 0.002 $\pm$ 0.027 χ^2 /NDF:4.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.022 χ^2 /NDF: 4.8/9

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.106+/-0.019 χ^2/NDF : 732311.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.458+/-0.027 χ^2/NDF : 195155.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

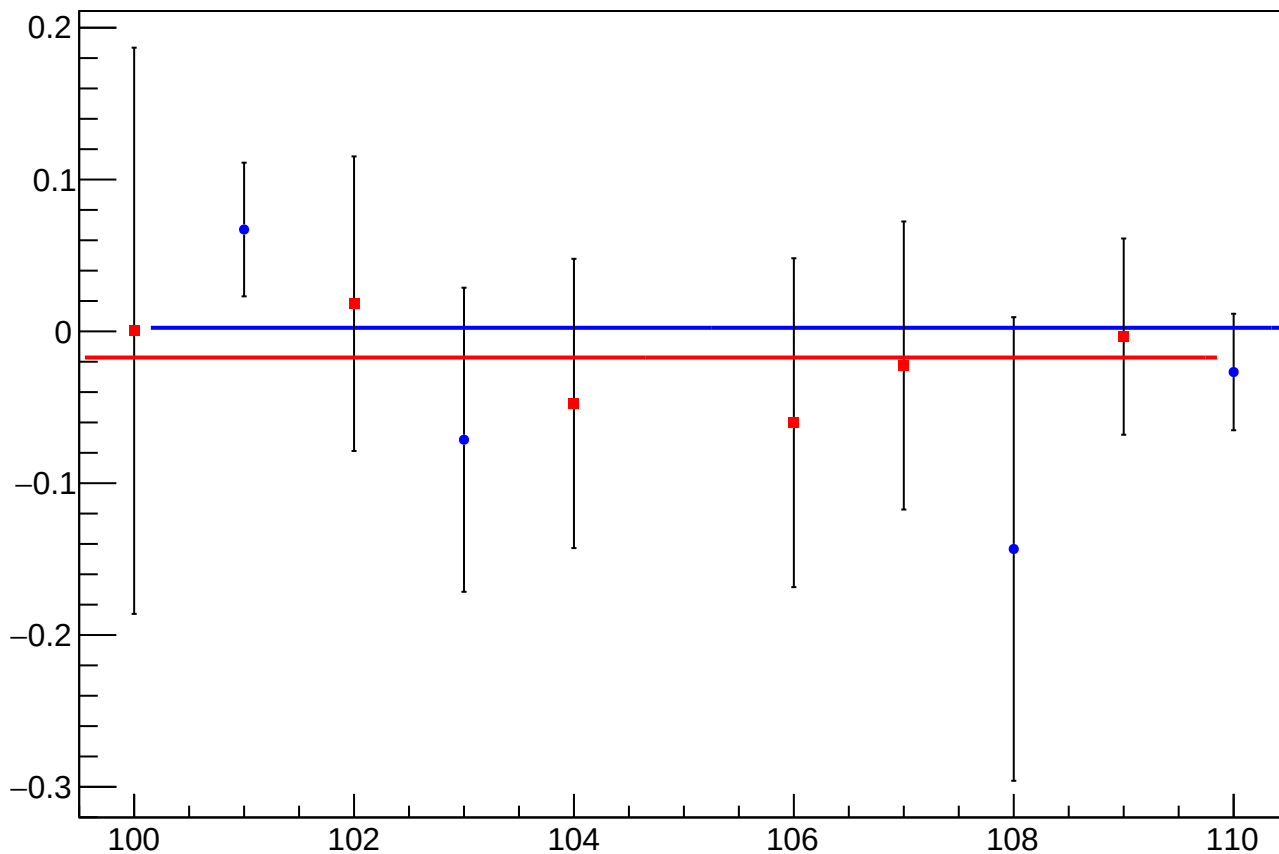
Right: 38.970+/-0.016 χ^2/NDF : 1301370.1/9

In: 32.106+/-0.019 χ^2/NDF : 732311.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.970+/-0.016 χ^2/NDF : 1301370.1/9

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.027 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.038 χ^2/NDF : 0.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

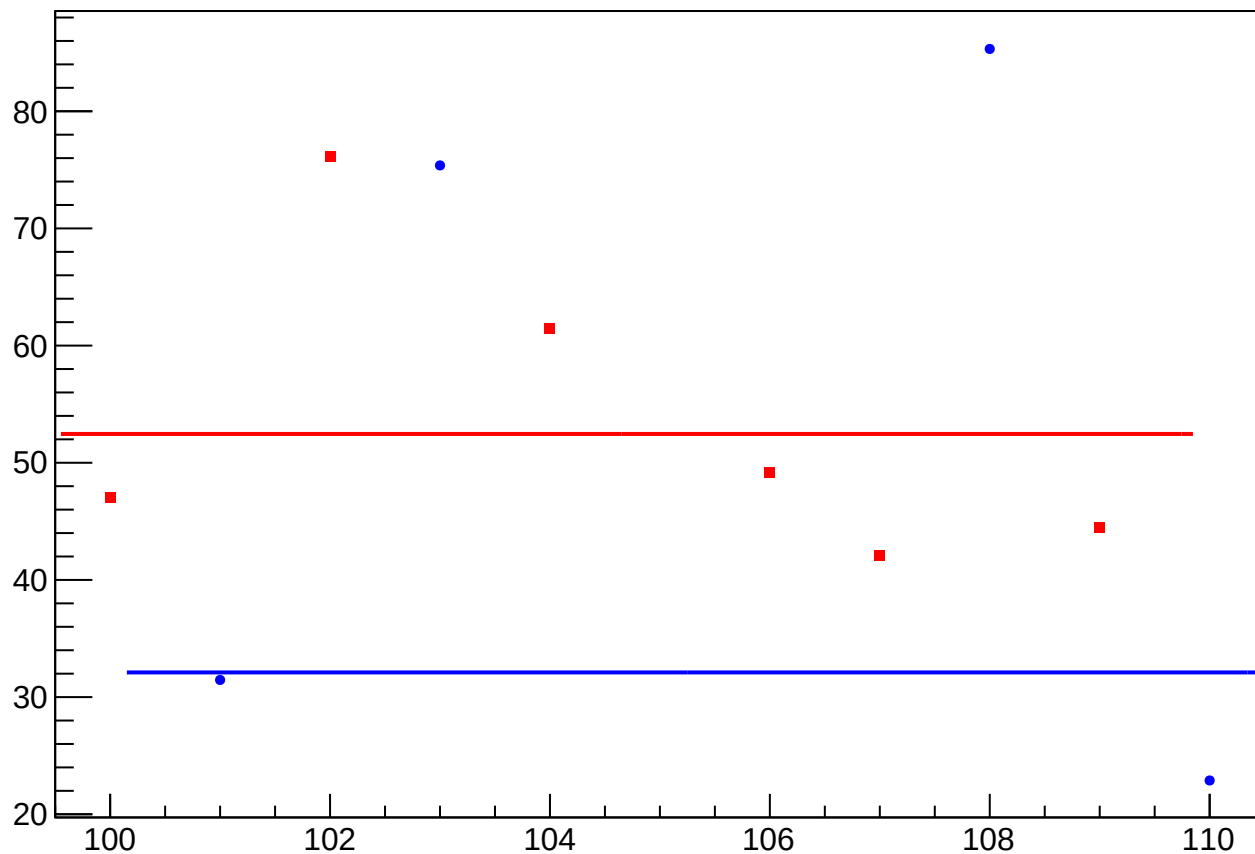
Right: -0.004+/-0.022 χ^2/NDF : 4.8/9

In: 0.002+/-0.027 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.022 χ^2/NDF : 4.8/9

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.106+/-0.019 χ^2/NDF : 732311.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.458+/-0.027 χ^2/NDF : 195155.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

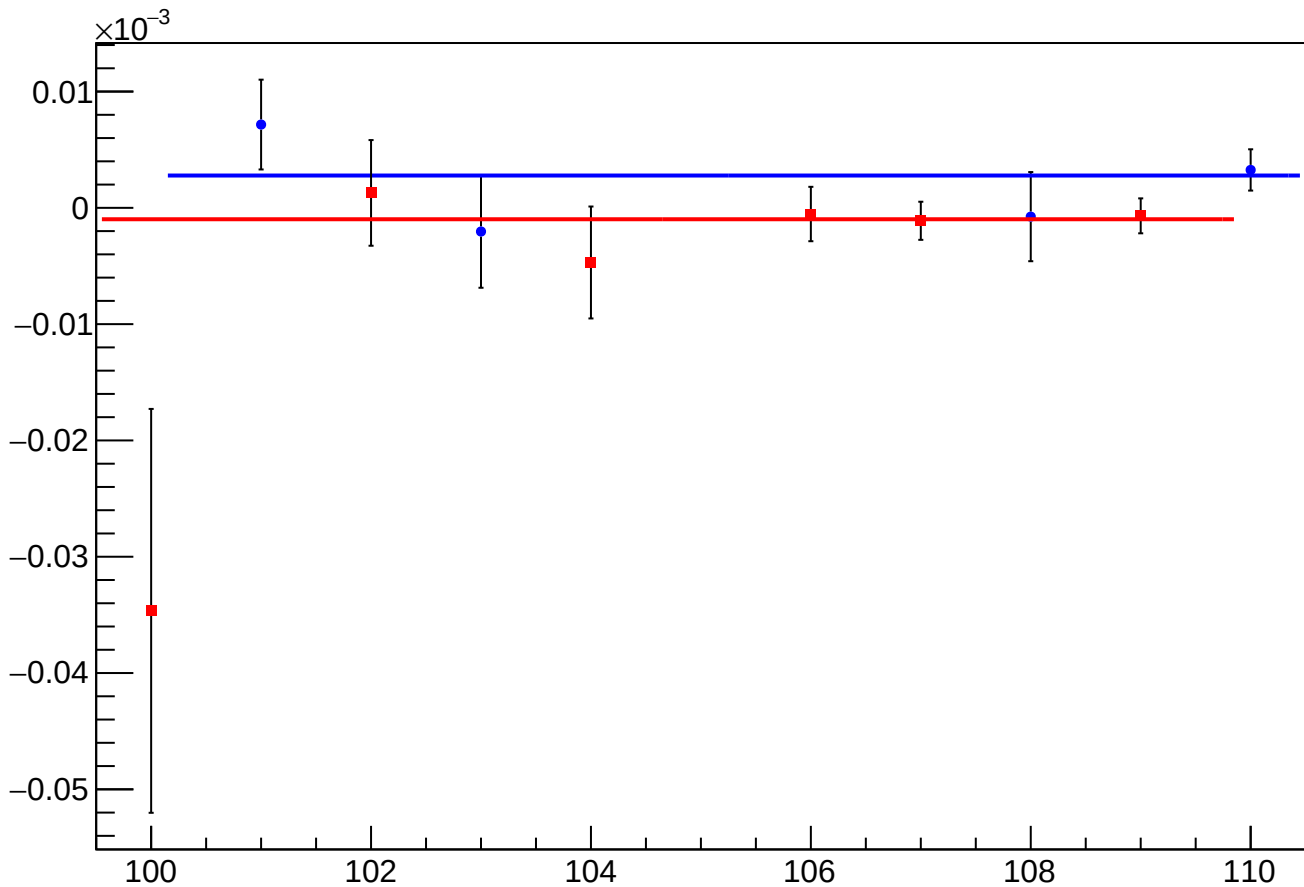
Right: 38.970+/-0.016 χ^2/NDF : 1301370.1/9

In: 32.106+/-0.019 χ^2/NDF : 732311.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.970+/-0.016 χ^2/NDF : 1301370.1/9

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 4.7/5

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

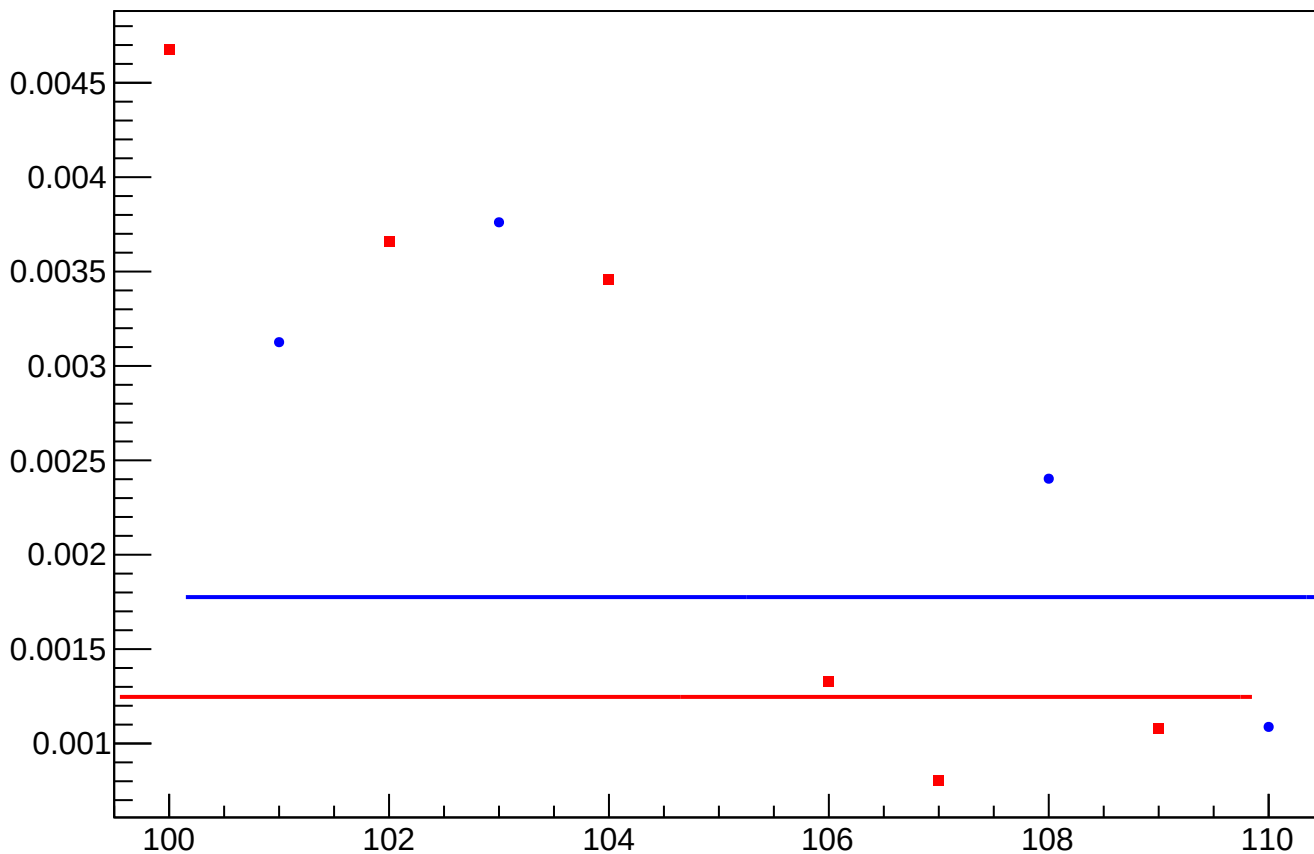
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 12.7/9

In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.2/3

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 12.7/9

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 935573.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1236635.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

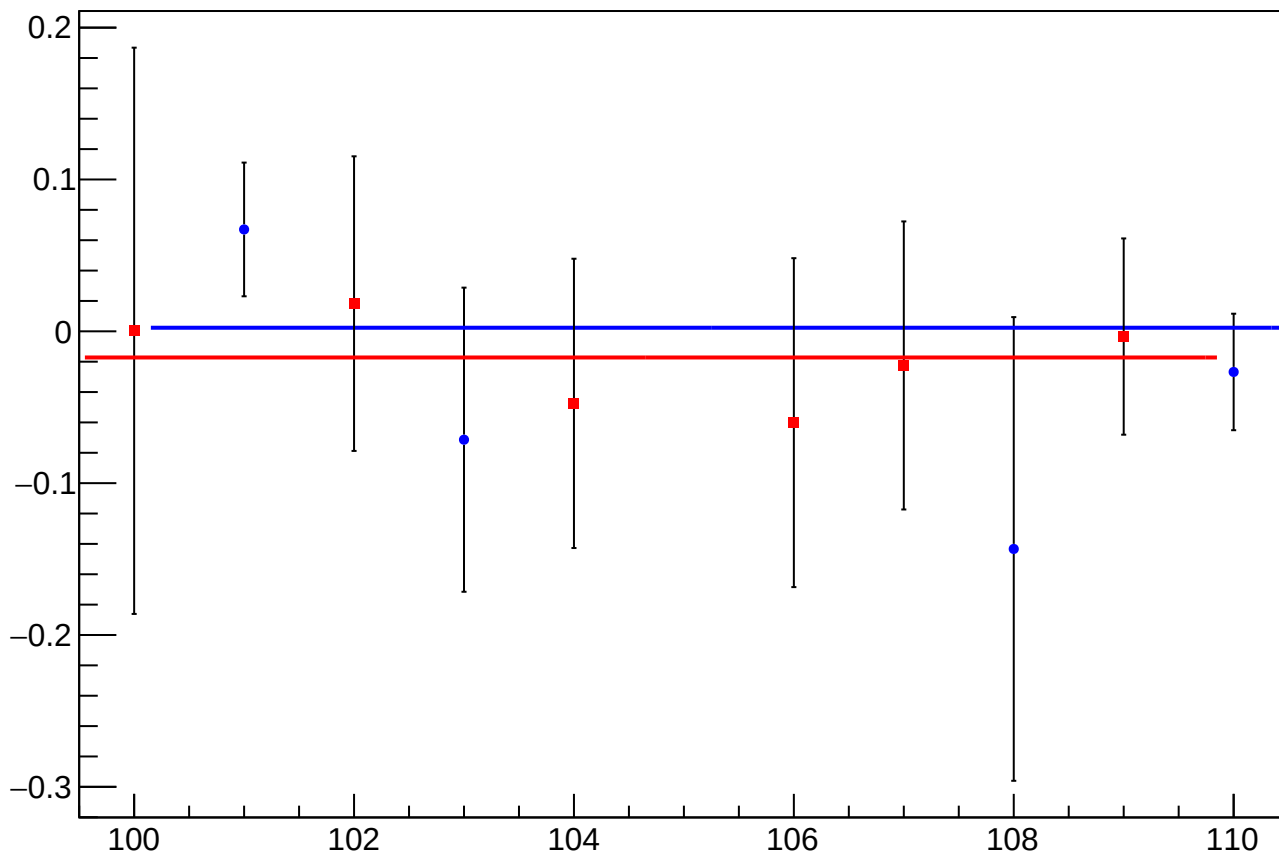
Right: 0.001+/-0.000 χ^2/NDF : 2362813.5/9

In: 0.002+/-0.000 χ^2/NDF : 935573.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2362813.5/9

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.027 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.038 χ^2/NDF : 0.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

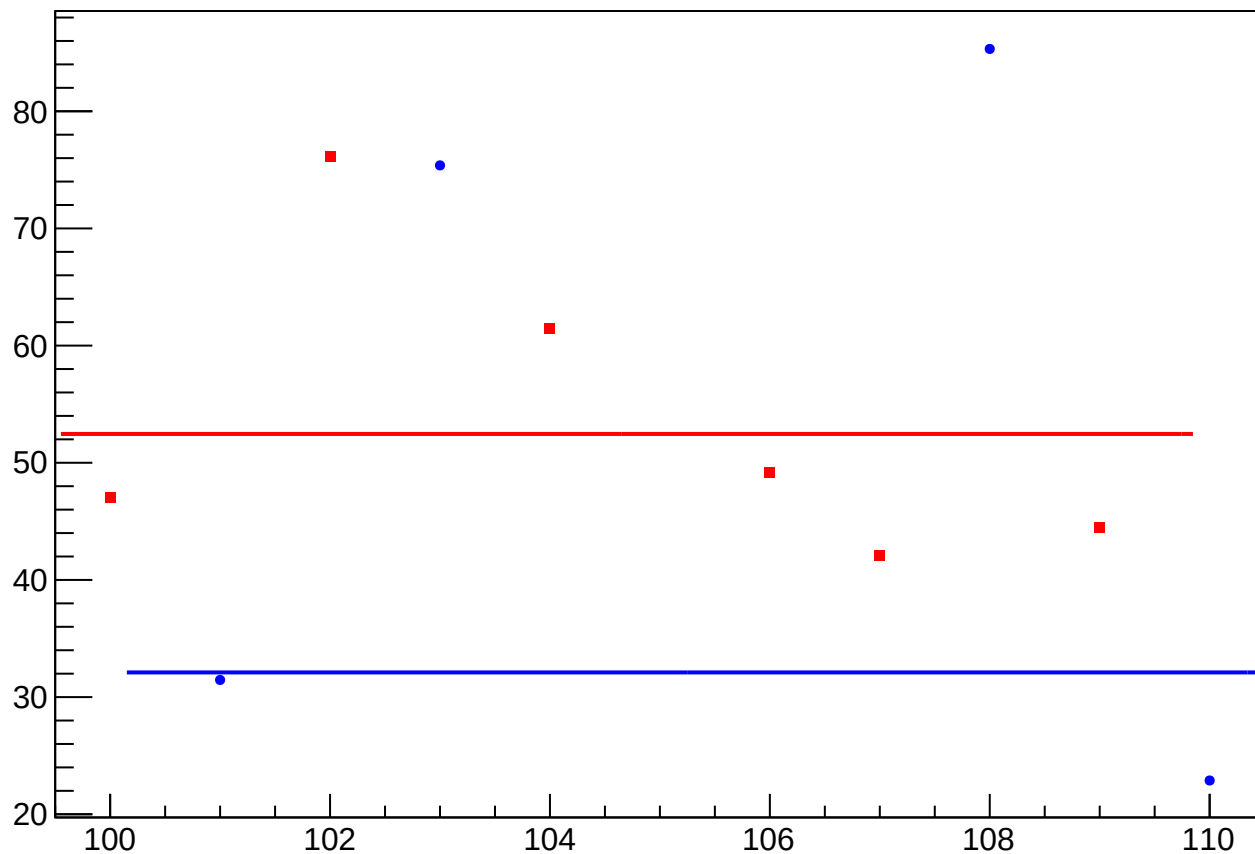
Right: -0.004+/-0.022 χ^2/NDF : 4.8/9

In: 0.002+/-0.027 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.022 χ^2/NDF : 4.8/9

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.106+/-0.019 χ^2/NDF : 732341.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.459+/-0.027 χ^2/NDF : 195151.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

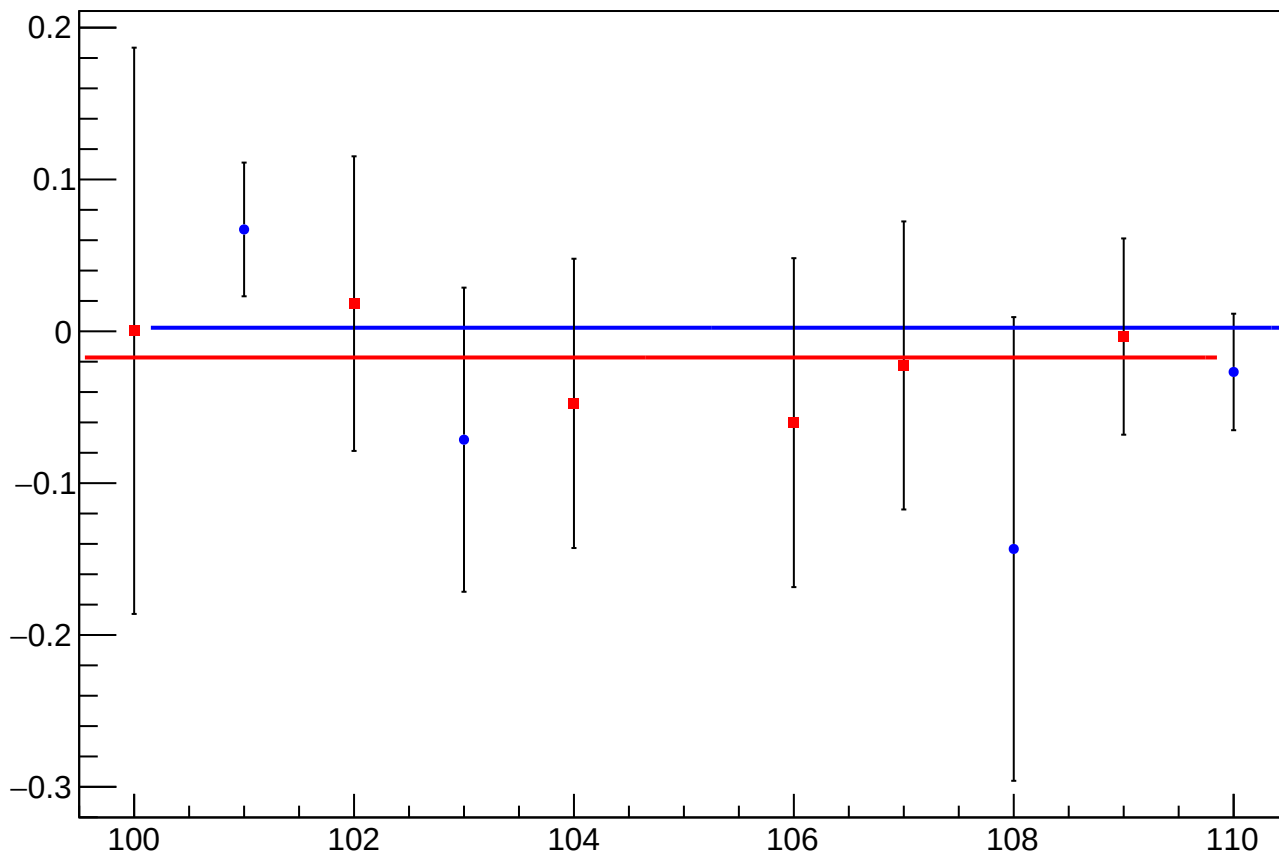
Right: 38.971+/-0.016 χ^2/NDF : 1301386.4/9

In: 32.106+/-0.019 χ^2/NDF : 732341.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.971+/-0.016 χ^2/NDF : 1301386.4/9

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.027 χ^2 /NDF: 4.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.017 $\pm$ 0.038 χ^2 /NDF: 0.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

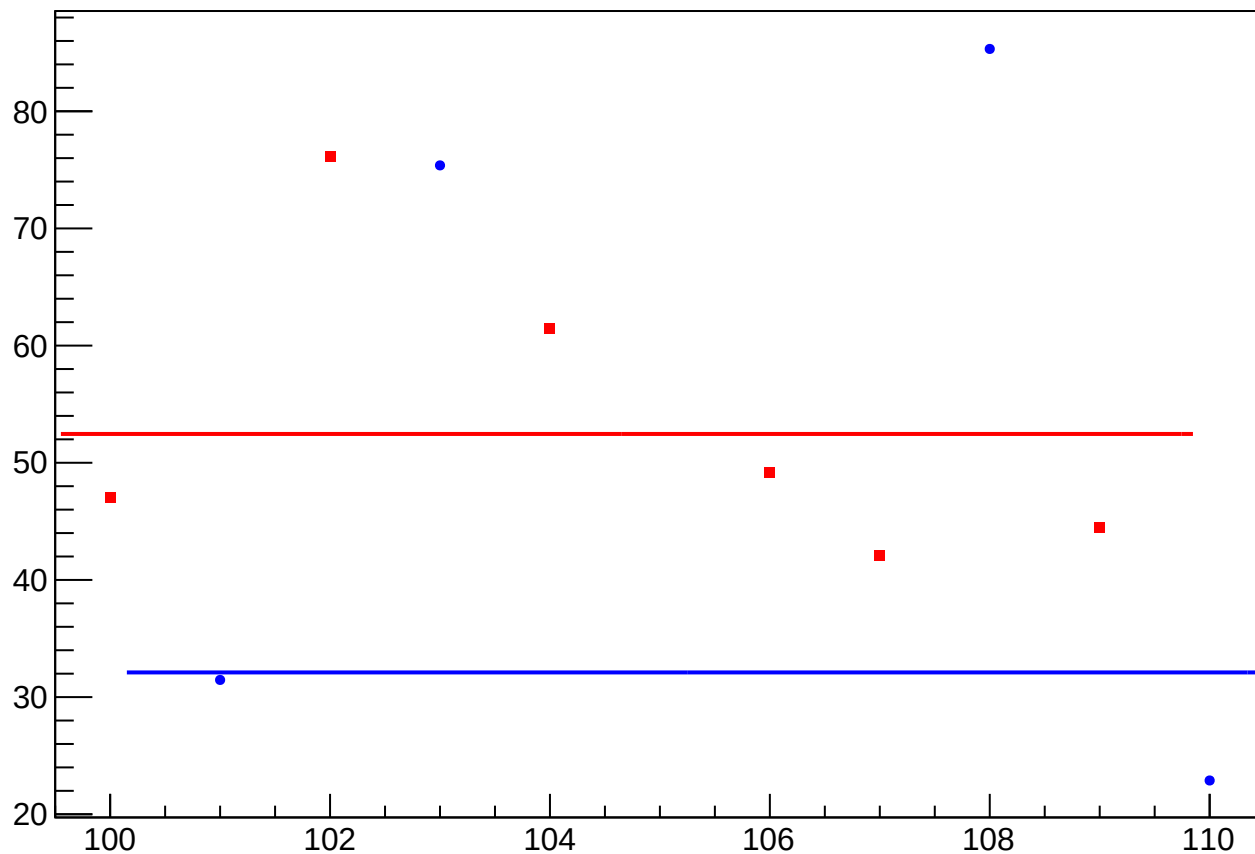
Right: -0.004 $\pm$ 0.022 χ^2 /NDF: 4.8/9

In: 0.002 $\pm$ 0.027 χ^2 /NDF:4.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.022 χ^2 /NDF: 4.8/9

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.106+/-0.019 χ^2/NDF : 732341.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.459+/-0.027 χ^2/NDF : 195151.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

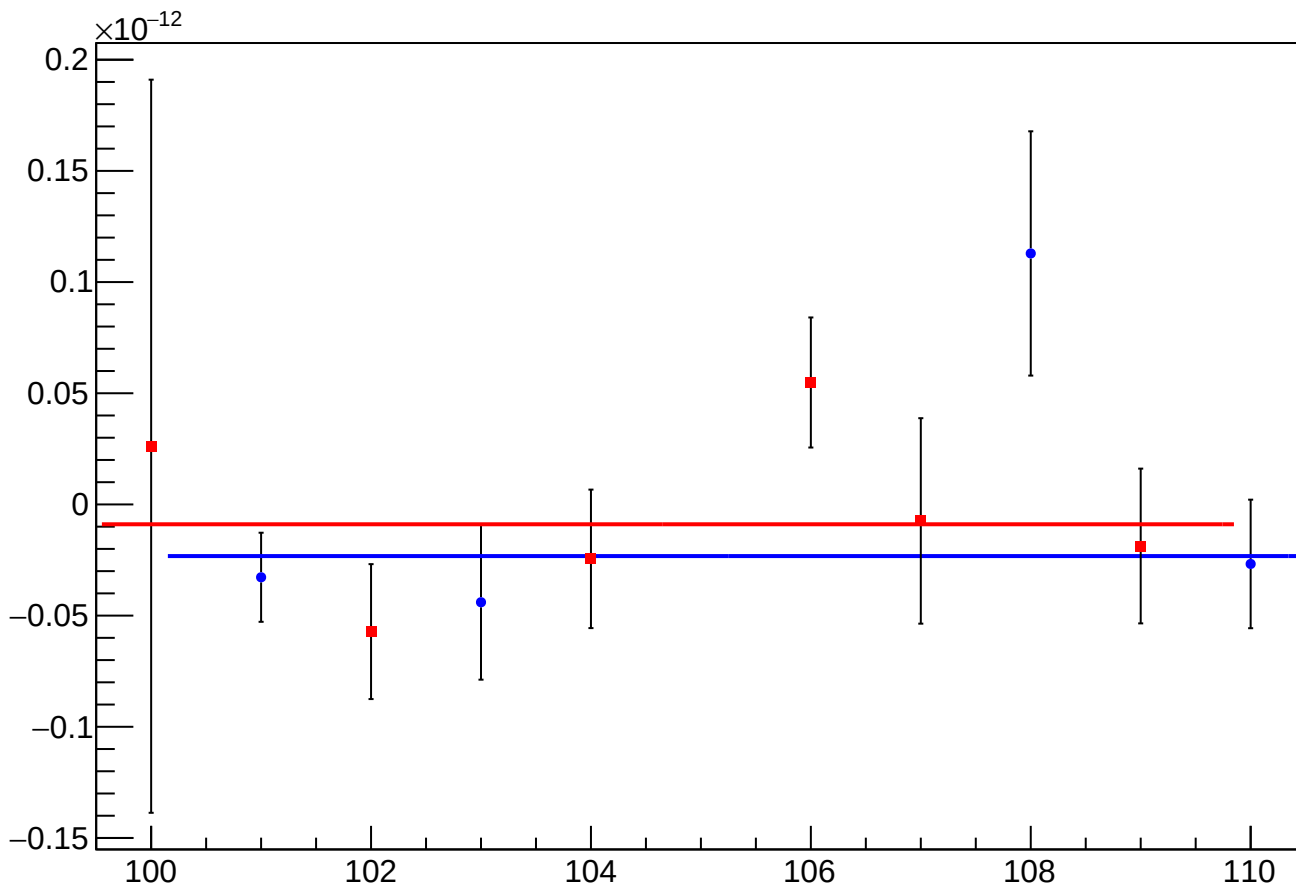
Right: 38.971+/-0.016 χ^2/NDF : 1301386.4/9

In: 32.106+/-0.019 χ^2/NDF : 732341.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.971+/-0.016 χ^2/NDF : 1301386.4/9

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

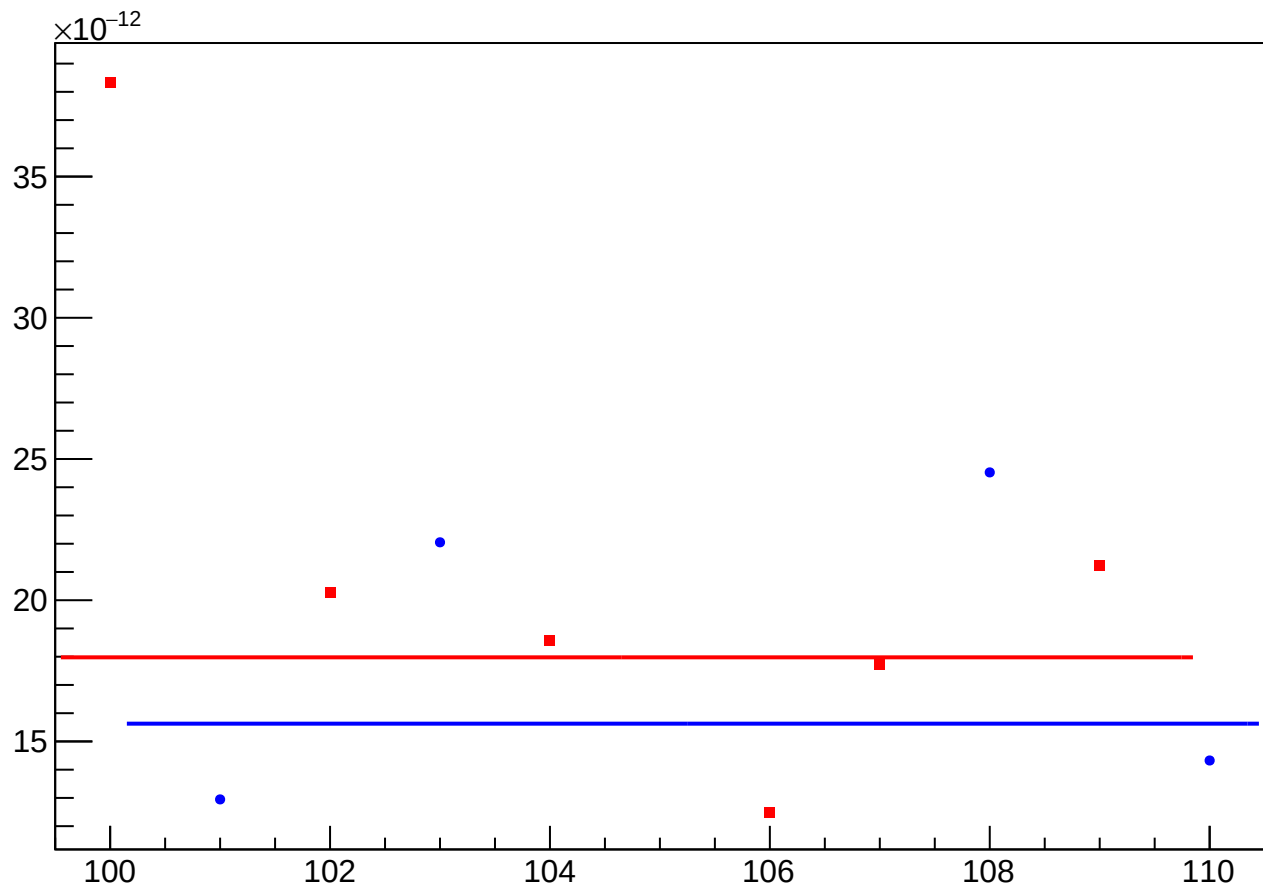
Right: -0.000+/-0.000 χ^2/NDF : 14.9/9

In: -0.000+/-0.000 χ^2/NDF : 6.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.9/9

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 160372.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 130323.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

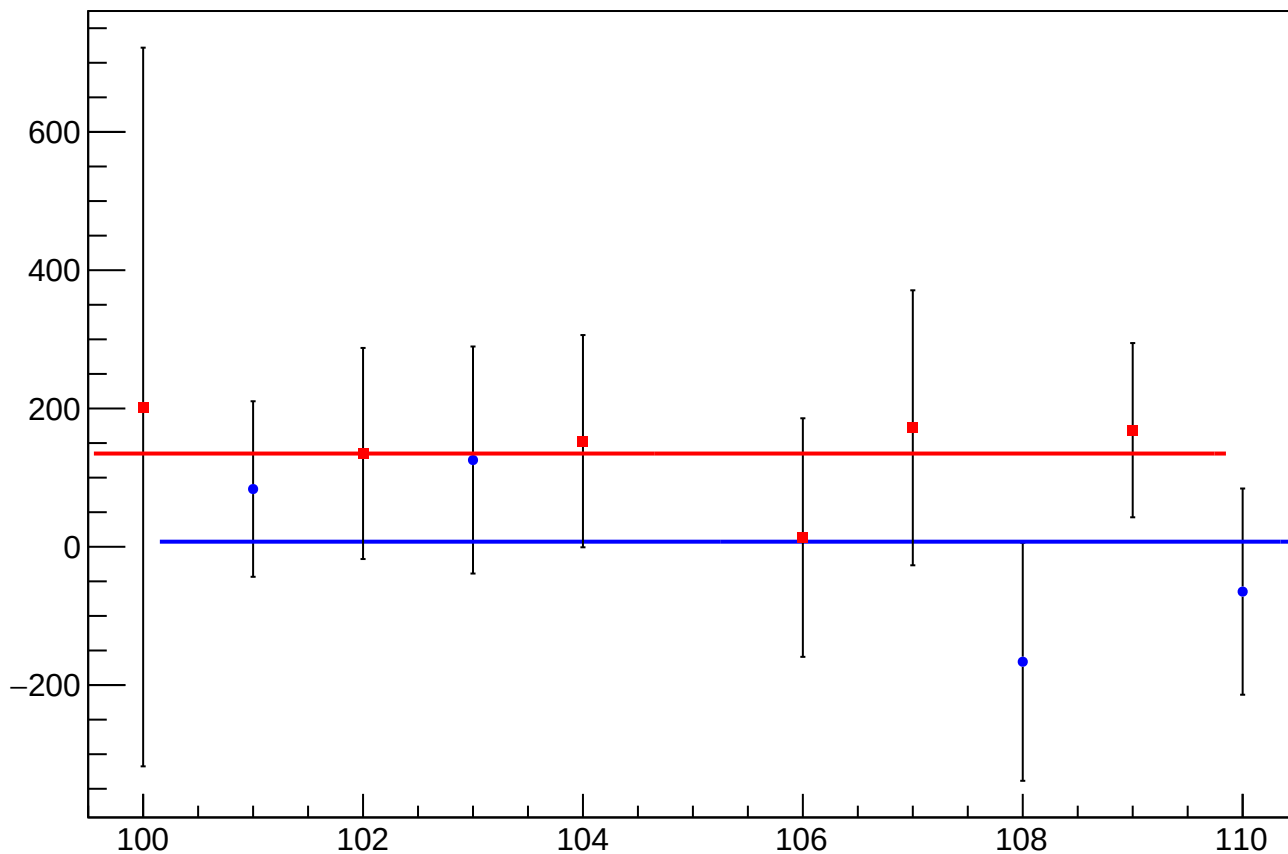
Right: 0.000+/-0.000 χ^2/NDF : 316775.7/9

In: 0.000+/-0.000 χ^2/NDF : 160372.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 316775.7/9

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 7.374+/-74.983 χ^2/NDF : 2.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.841+/-68.852 χ^2/NDF : 0.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

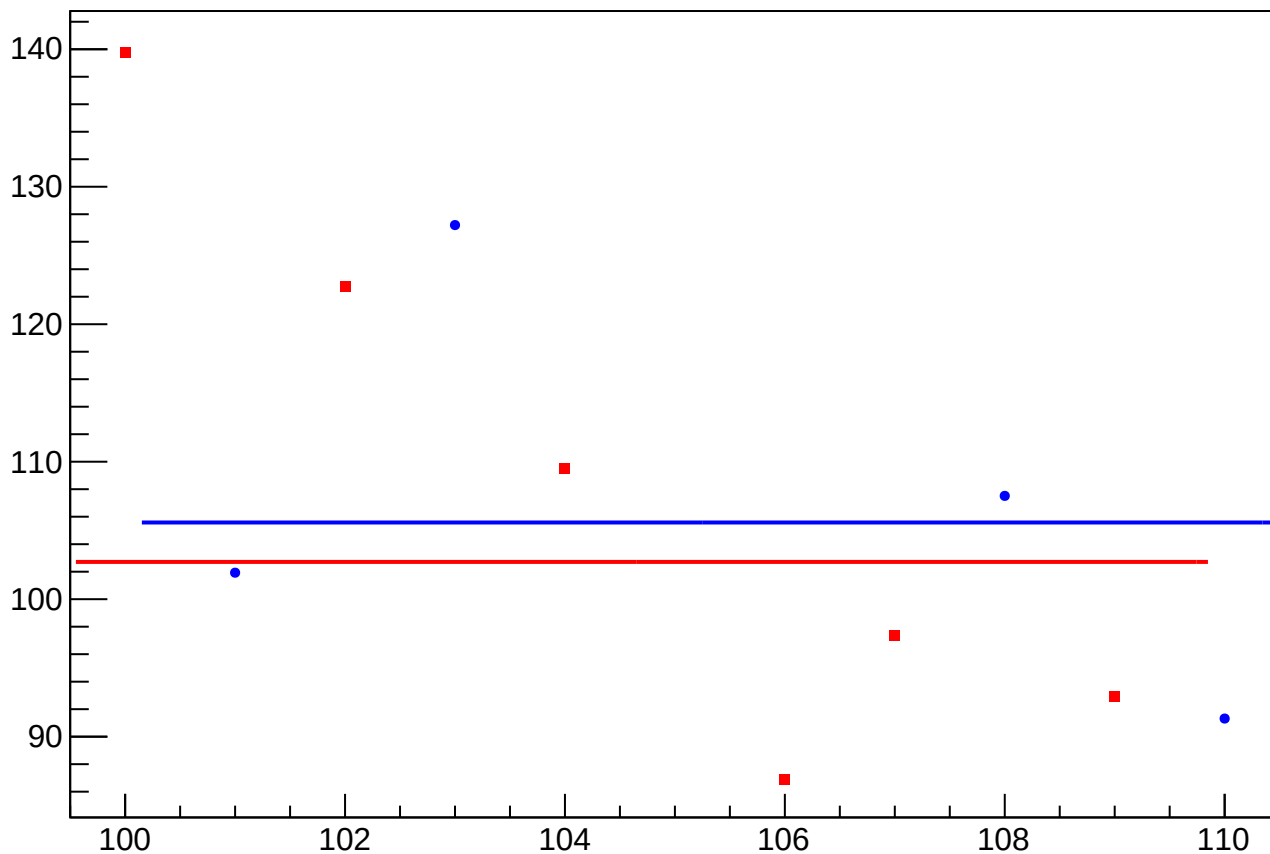
Right: 76.530+/-50.715 χ^2/NDF : 4.3/9

In: 7.374+/-74.983 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.530+/-50.715 χ^2/NDF : 4.3/9

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 105.579+/-0.053 χ^2/NDF : 54923.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.712+/-0.049 χ^2/NDF : 78832.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

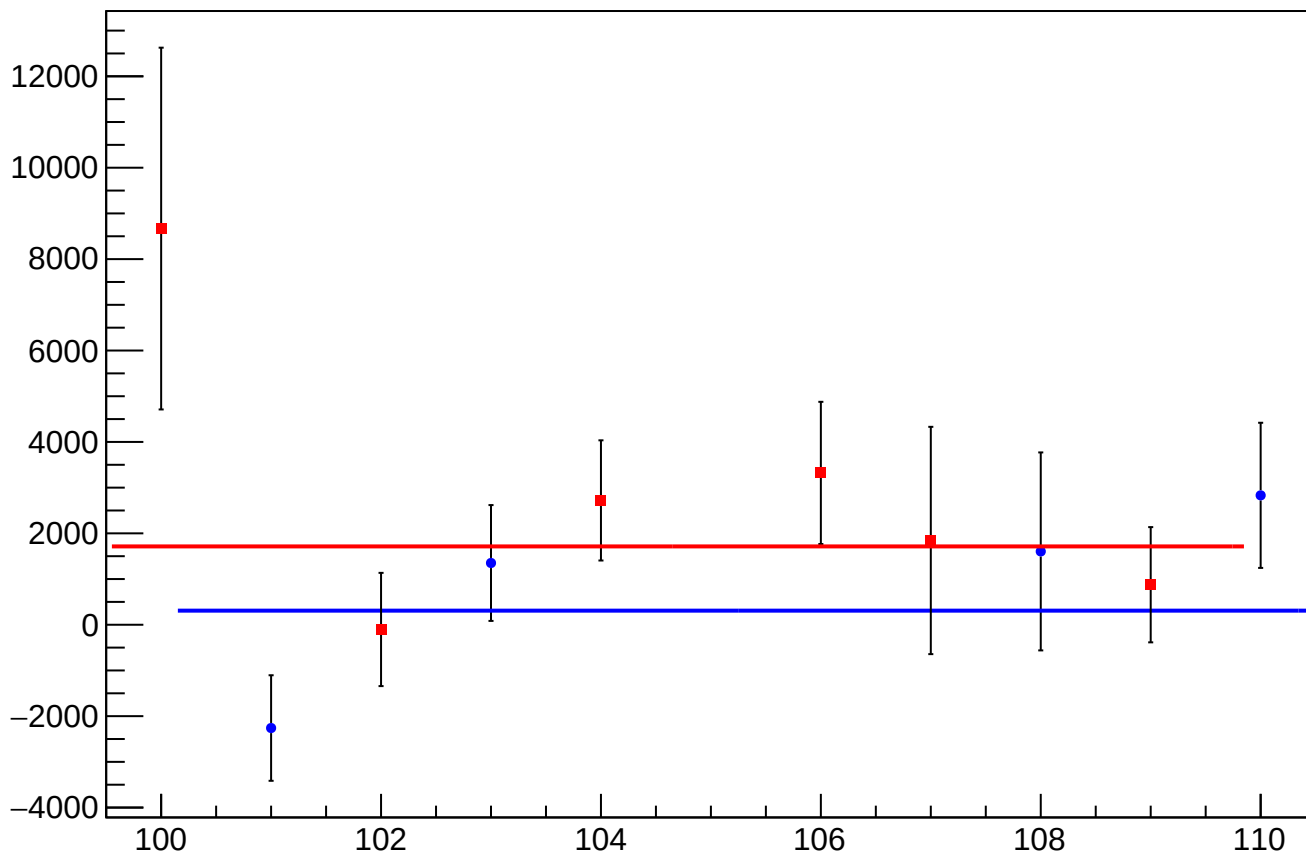
Right: 104.023+/-0.036 χ^2/NDF : 135342.2/9

In: 105.579+/-0.053 χ^2/NDF : 54923.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.023+/-0.036 χ^2/NDF : 135342.2/9

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 308.568+/-710.233 χ^2/NDF : 8.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1713.990+/-632.708 χ^2/NDF : 7.3/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

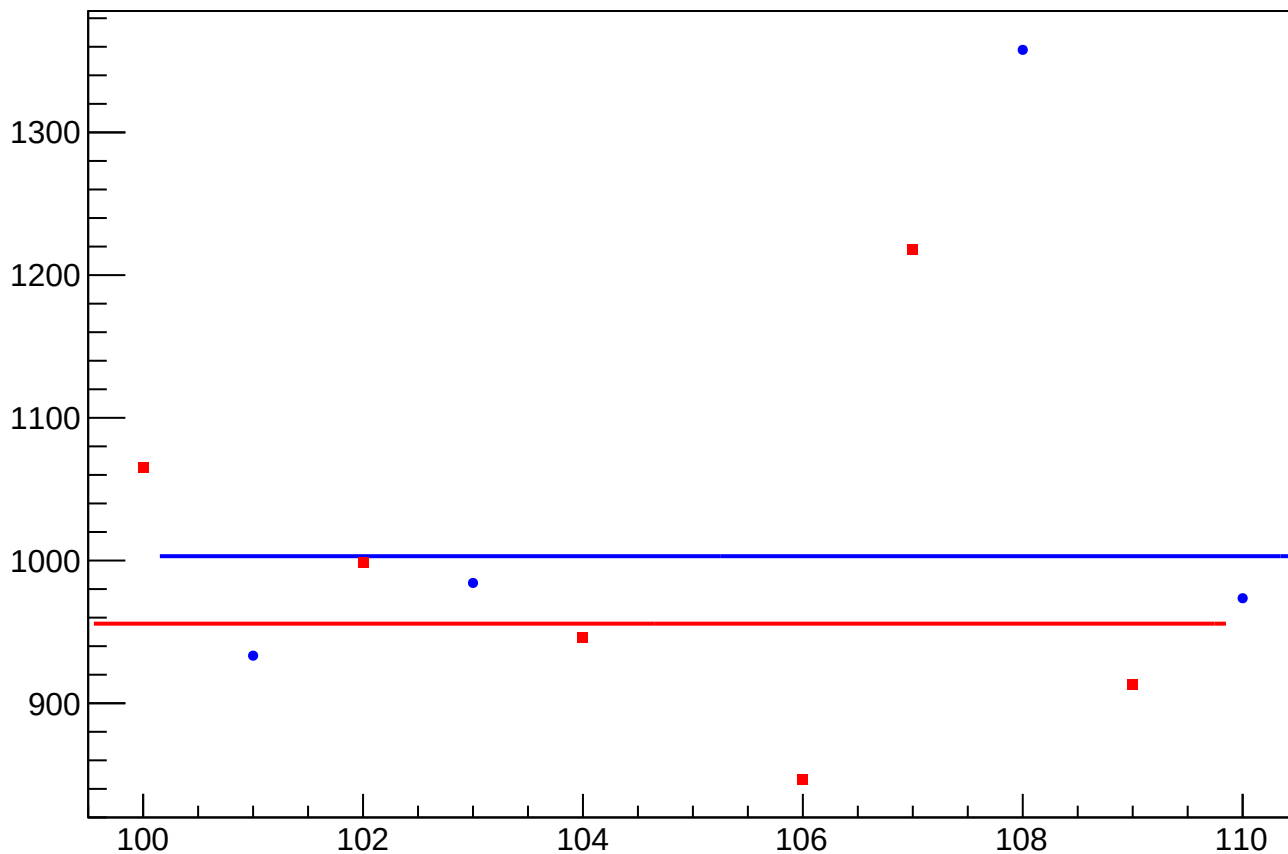
Right: 1092.141+/-472.433 χ^2/NDF : 18.0/9

In: 308.568+/-710.233 χ^2/NDF :8.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1092.141+/-472.433 χ^2/NDF : 18.0/9

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1003.050 $\pm$ 0.502 χ^2 /NDF: 62082.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 955.768 $\pm$ 0.447 χ^2 /NDF: 38328.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

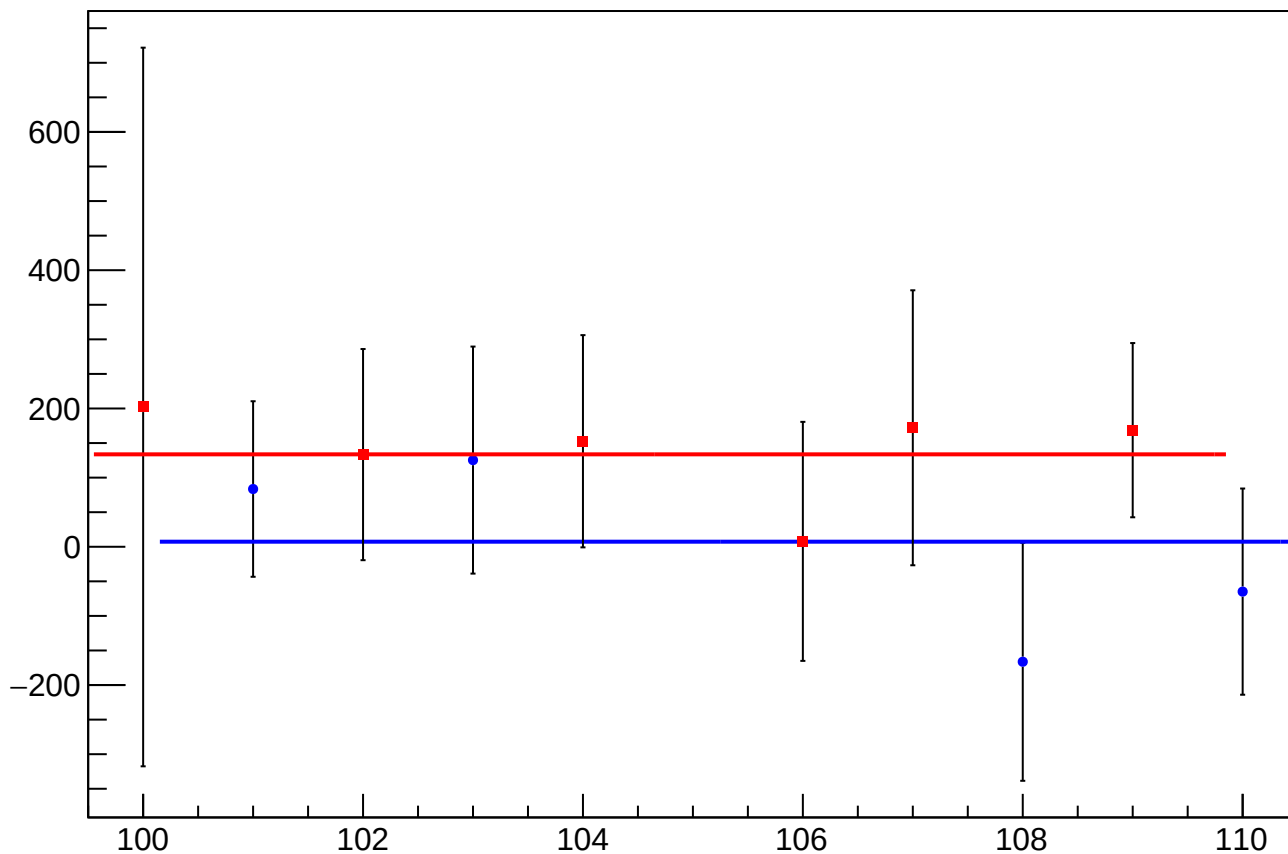
Right: 976.689 $\pm$ 0.334 χ^2 /NDF: 105352.2/9

In: 1003.050 $\pm$ 0.502 χ^2 /NDF:62082.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 976.689 $\pm$ 0.334 χ^2 /NDF: 105352.2/9

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 7.340 $\pm$ 74.983 χ^2 /NDF: 2.1/3

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 133.687 $\pm$ 68.879 χ^2 /NDF: 0.7/5

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

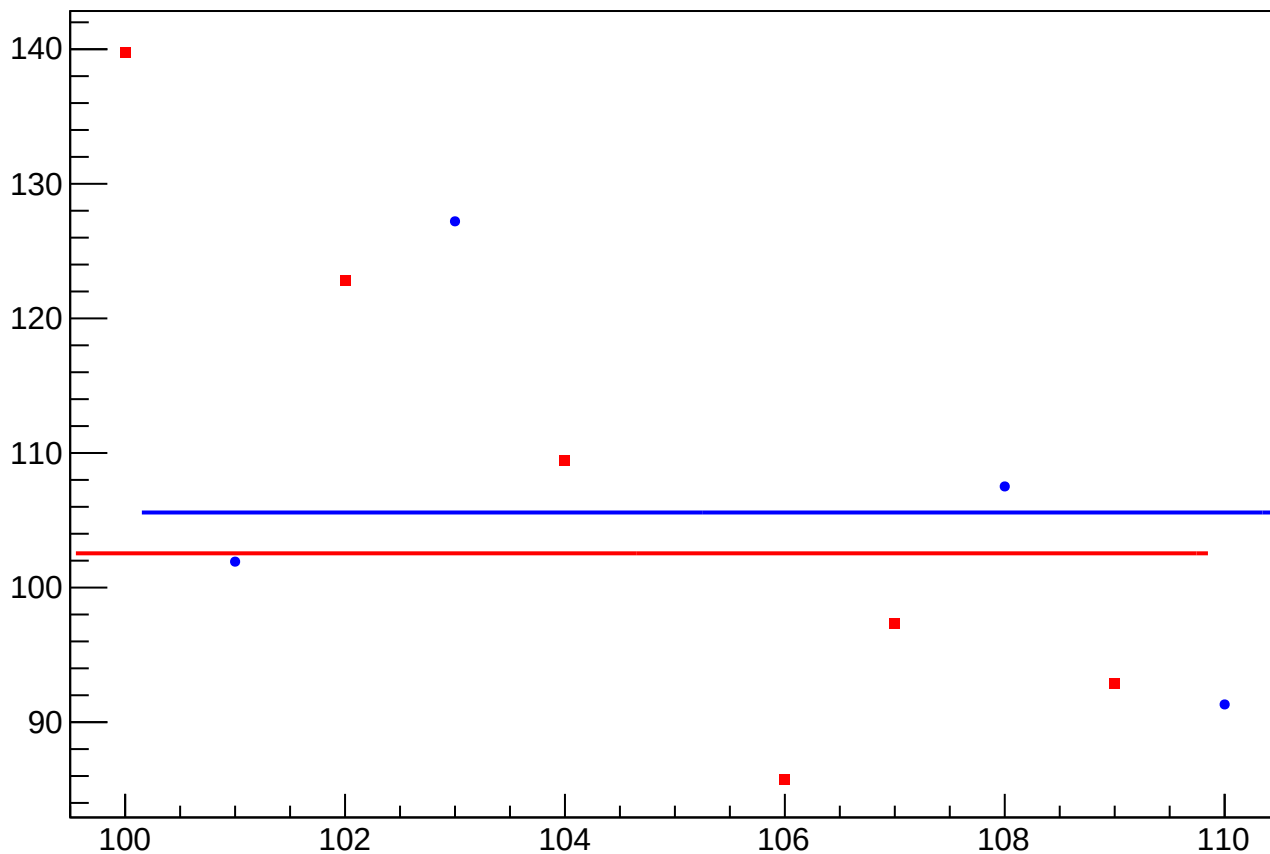
Right: 75.865 $\pm$ 50.726 χ^2 /NDF: 4.3/9

In: 7.340 $\pm$ 74.983 χ^2 /NDF:2.1/3

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 75.865 $\pm$ 50.726 χ^2 /NDF: 4.3/9

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 105.579+/-0.053 χ^2/NDF : 54924.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.545+/-0.049 χ^2/NDF : 81402.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

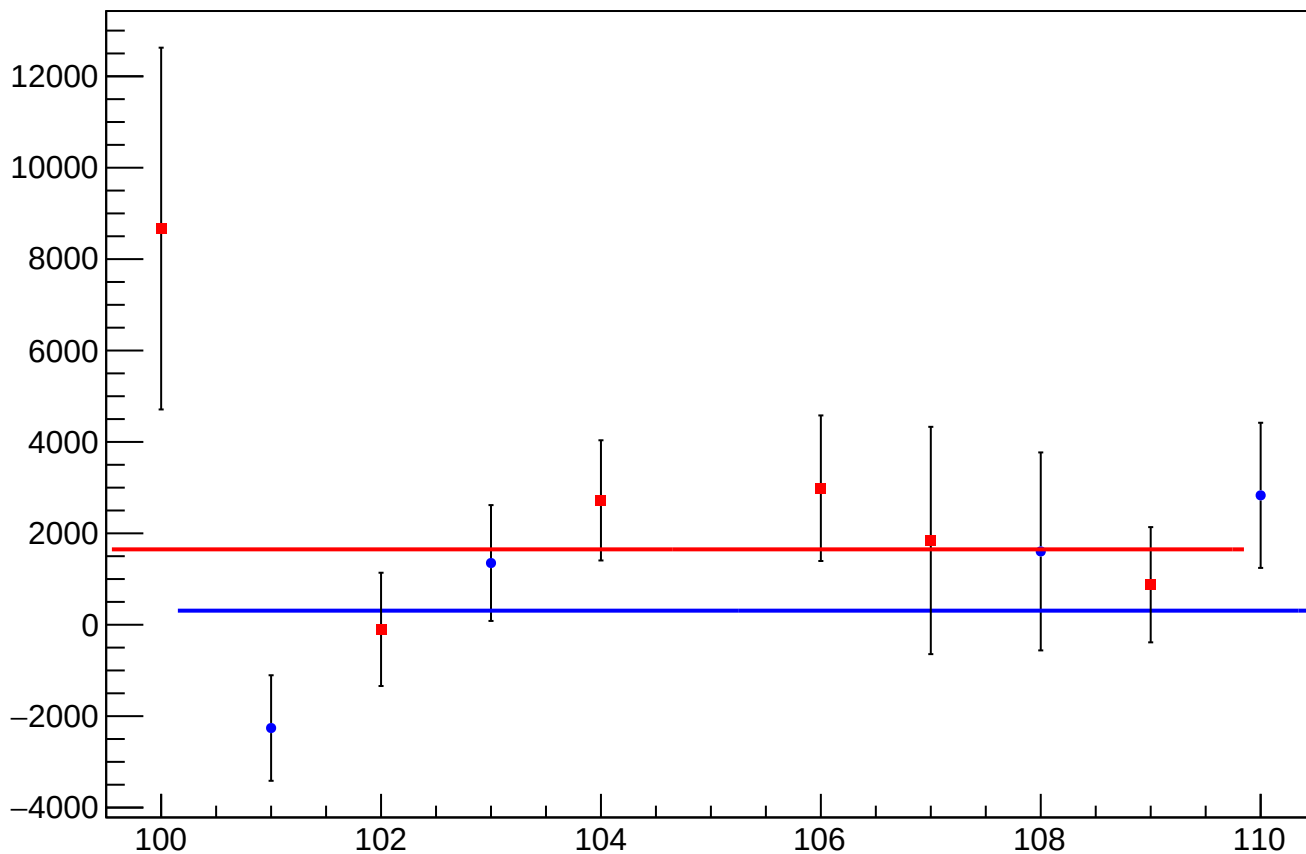
Right: 103.934+/-0.036 χ^2/NDF : 138102.7/9

In: 105.579+/-0.053 χ^2/NDF : 54924.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.934+/-0.036 χ^2/NDF : 138102.7/9

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 308.339+/-710.247 χ^2/NDF : 8.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1649.587+/-635.176 χ^2/NDF : 6.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

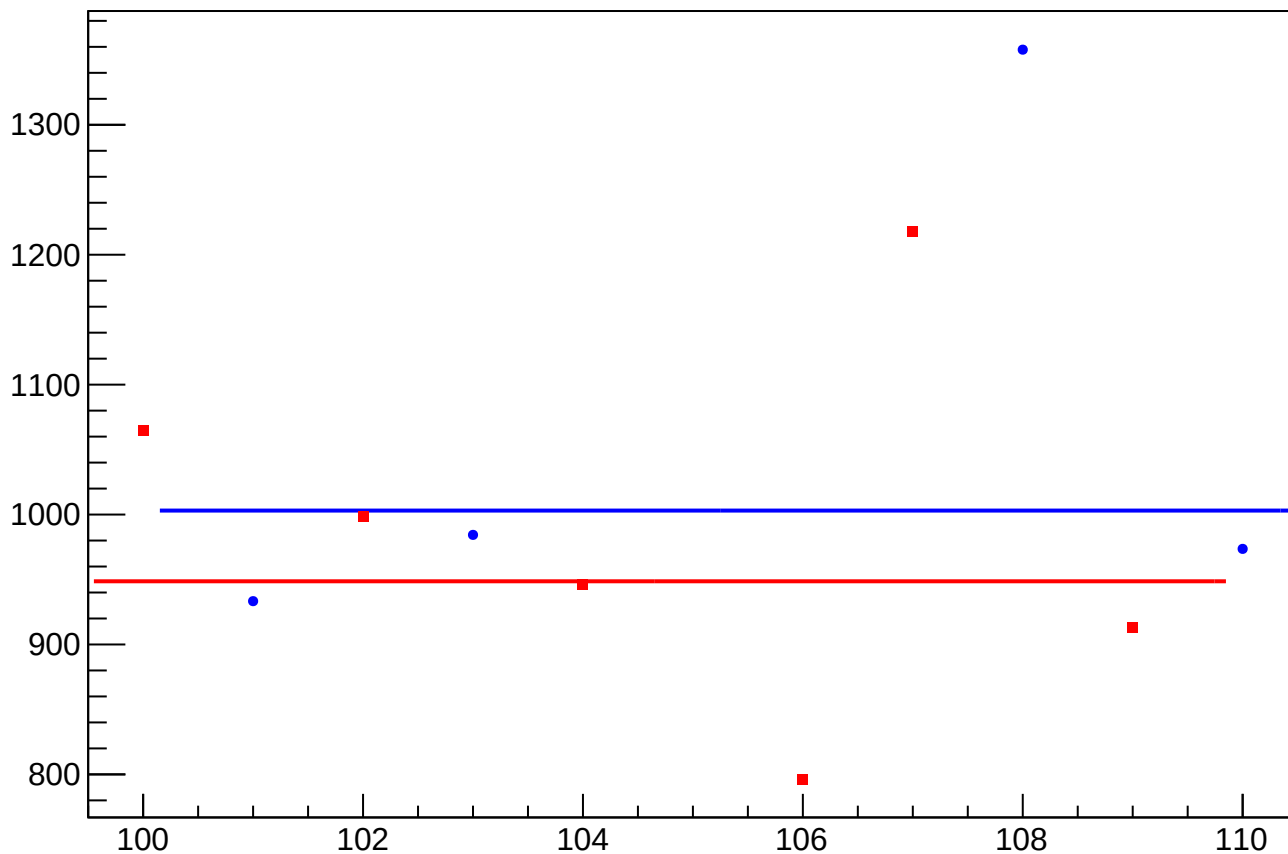
Right: 1053.569+/-473.461 χ^2/NDF : 17.4/9

In: 308.339+/-710.247 χ^2/NDF : 8.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1053.569+/-473.461 χ^2/NDF : 17.4/9

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1003.069+/-0.502 χ^2/NDF : 62079.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.638+/-0.449 χ^2/NDF : 48366.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

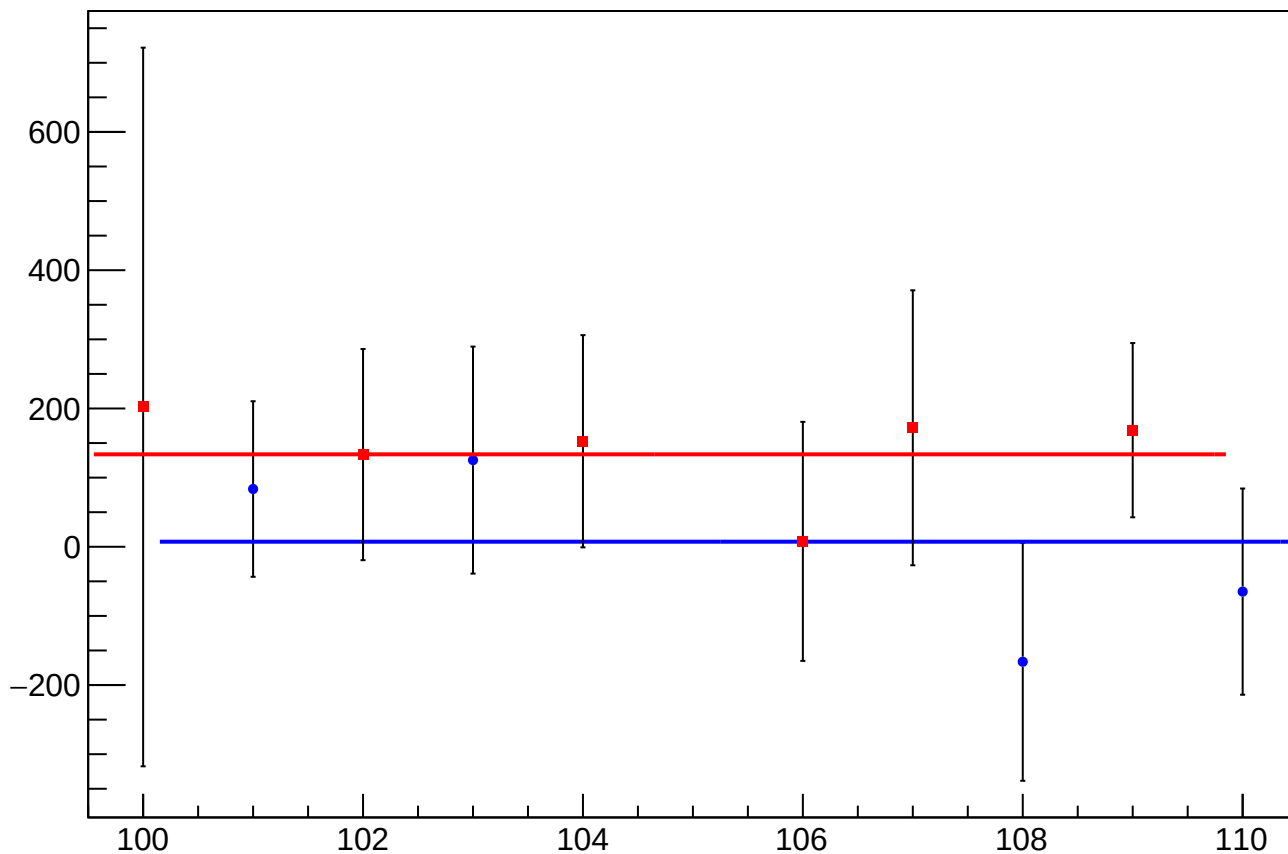
Right: 972.826+/-0.335 χ^2/NDF : 116972.4/9

In: 1003.069+/-0.502 χ^2/NDF : 62079.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 972.826+/-0.335 χ^2/NDF : 116972.4/9

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 7.340+/-74.983 χ^2/NDF : 2.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.687+/-68.879 χ^2/NDF : 0.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

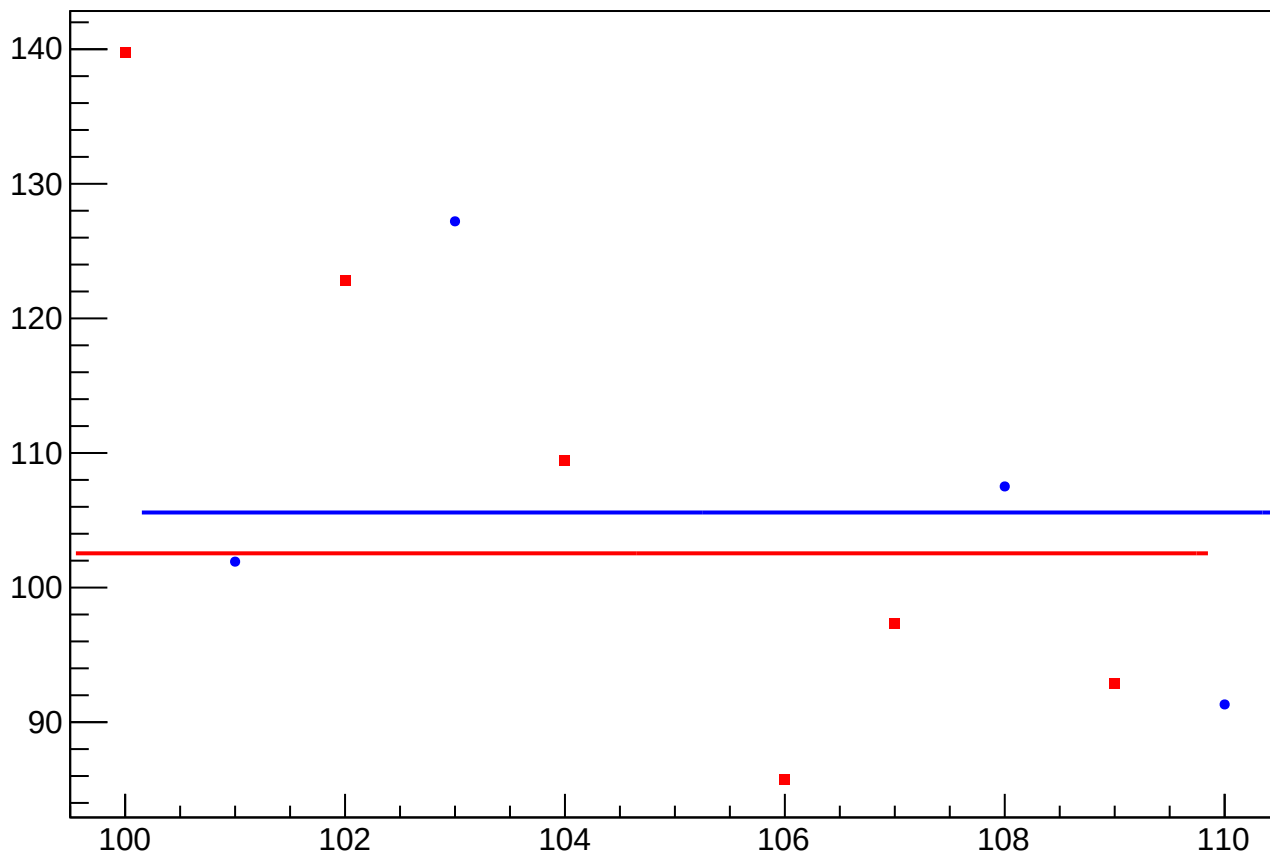
Right: 75.865+/-50.726 χ^2/NDF : 4.3/9

In: 7.340+/-74.983 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.865+/-50.726 χ^2/NDF : 4.3/9

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 105.579+/-0.053 χ^2/NDF : 54924.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.545+/-0.049 χ^2/NDF : 81402.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

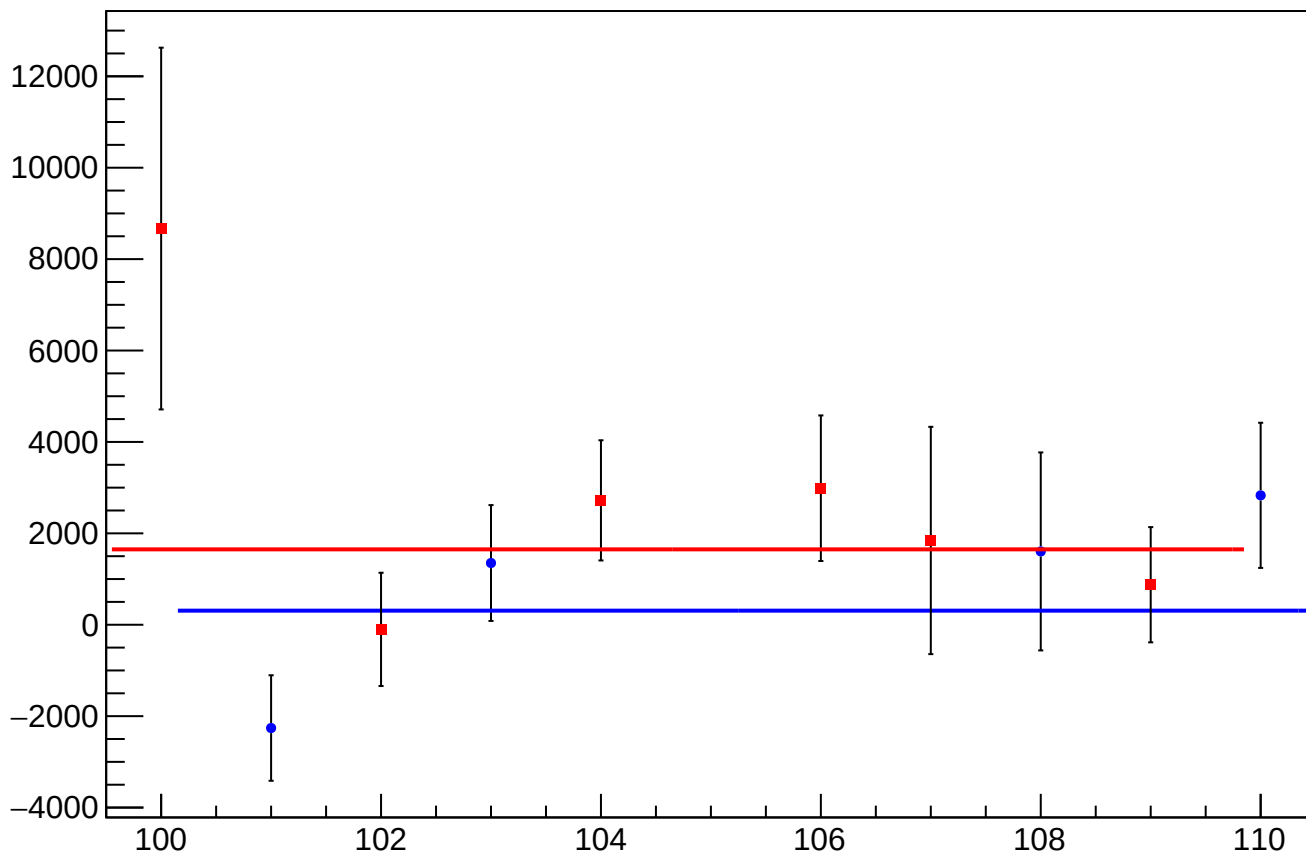
Right: 103.934+/-0.036 χ^2/NDF : 138102.7/9

In: 105.579+/-0.053 χ^2/NDF : 54924.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.934+/-0.036 χ^2/NDF : 138102.7/9

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 308.339+/-710.247 χ^2/NDF : 8.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1649.587+/-635.176 χ^2/NDF : 6.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

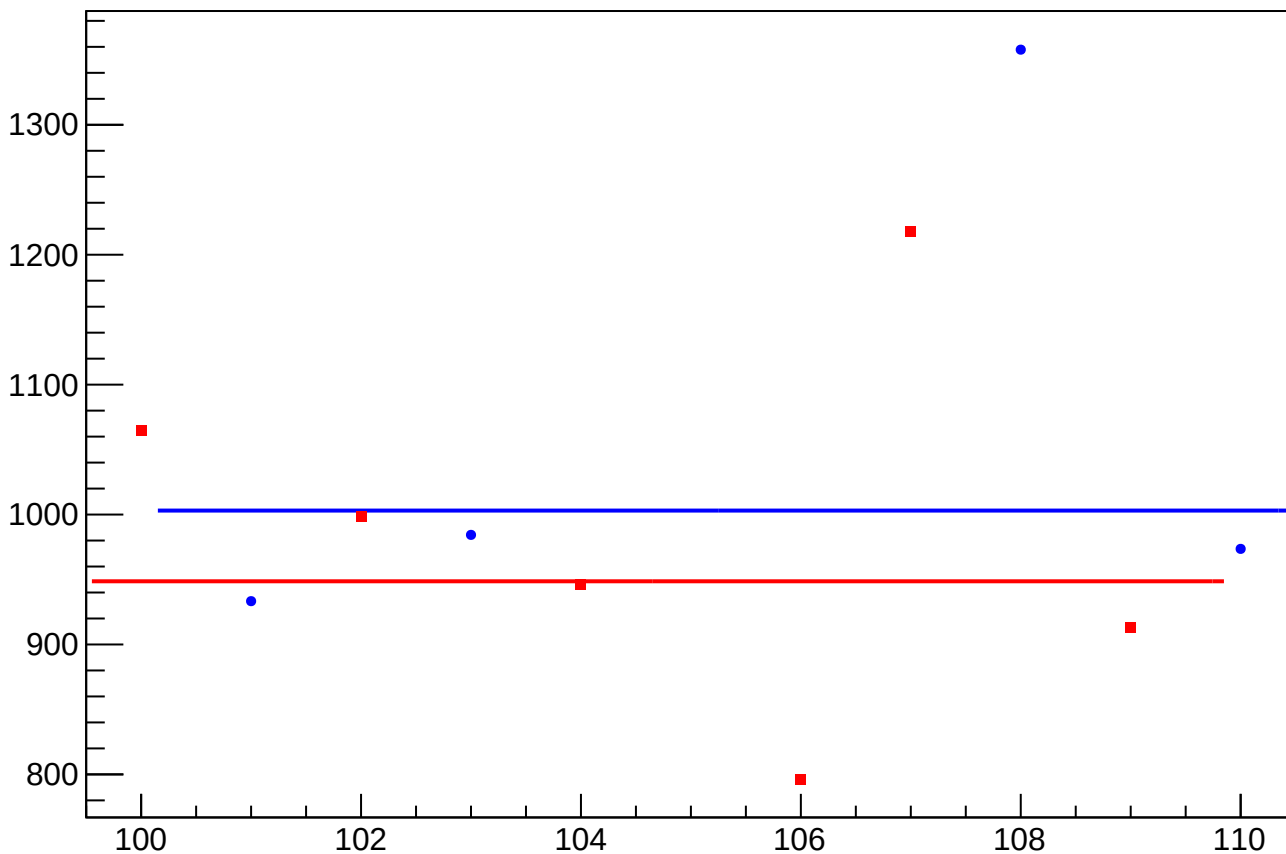
Right: 1053.569+/-473.461 χ^2/NDF : 17.4/9

In: 308.339+/-710.247 χ^2/NDF : 8.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1053.569+/-473.461 χ^2/NDF : 17.4/9

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1003.069+/-0.502 χ^2/NDF : 62079.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.638+/-0.449 χ^2/NDF : 48366.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

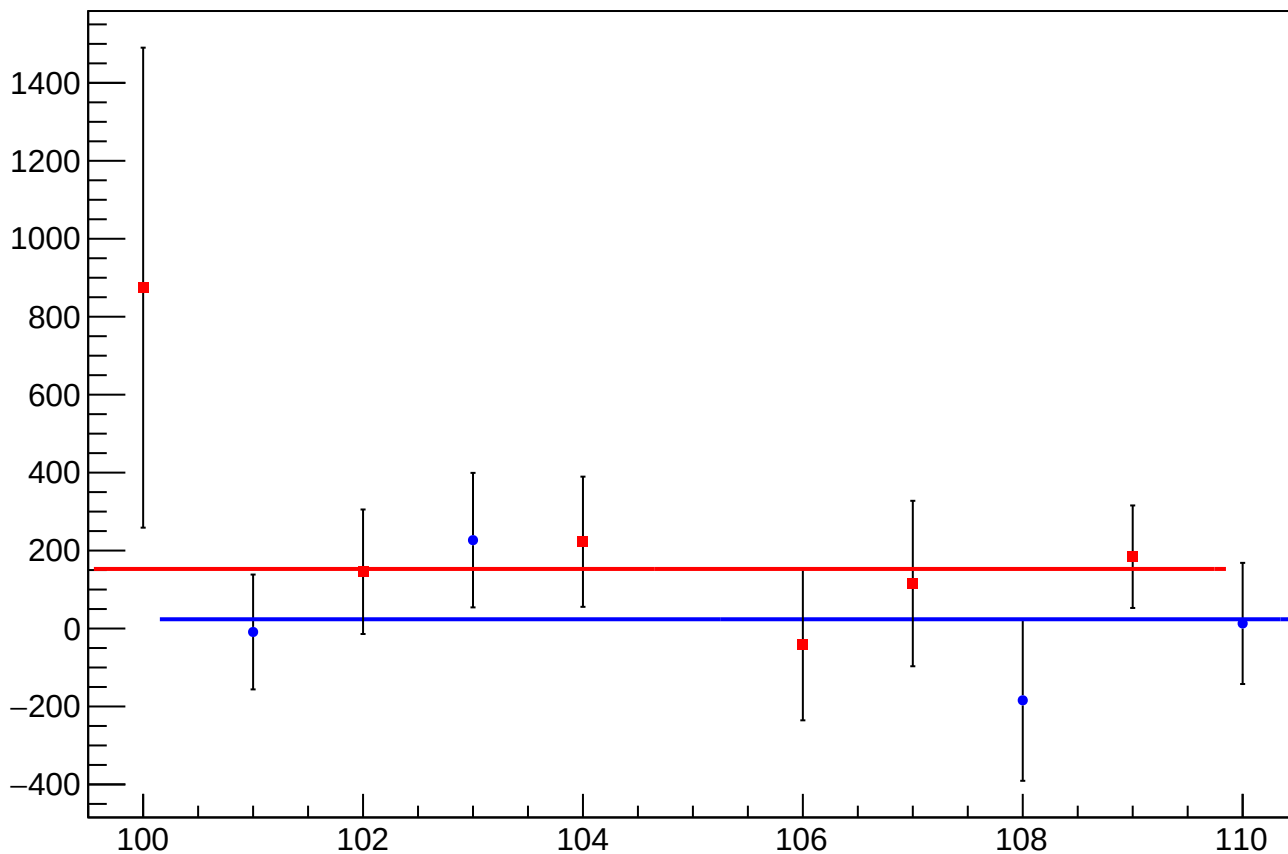
Right: 972.826+/-0.335 χ^2/NDF : 116972.4/9

In: 1003.069+/-0.502 χ^2/NDF : 62079.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 972.826+/-0.335 χ^2/NDF : 116972.4/9

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 23.757 $\pm$ 83.186 χ^2 /NDF: 2.5/3

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 152.852 $\pm$ 73.703 χ^2 /NDF: 2.6/5

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

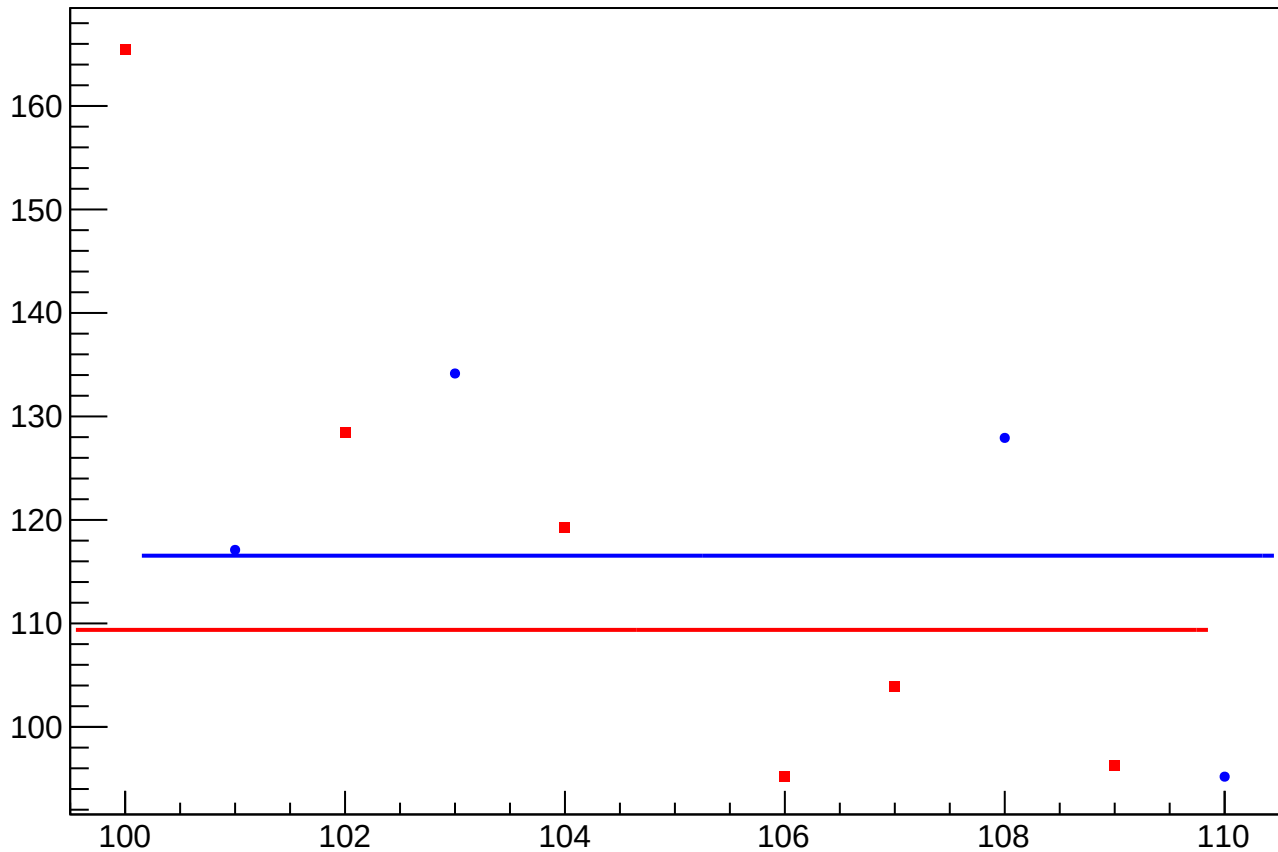
Right: 96.079 $\pm$ 55.166 χ^2 /NDF: 6.4/9

In: 23.757 $\pm$ 83.186 χ^2 /NDF:2.5/3

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 96.079 $\pm$ 55.166 χ^2 /NDF: 6.4/9

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 116.545+/-0.059 χ^2/NDF : 64674.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.376+/-0.052 χ^2/NDF : 83792.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

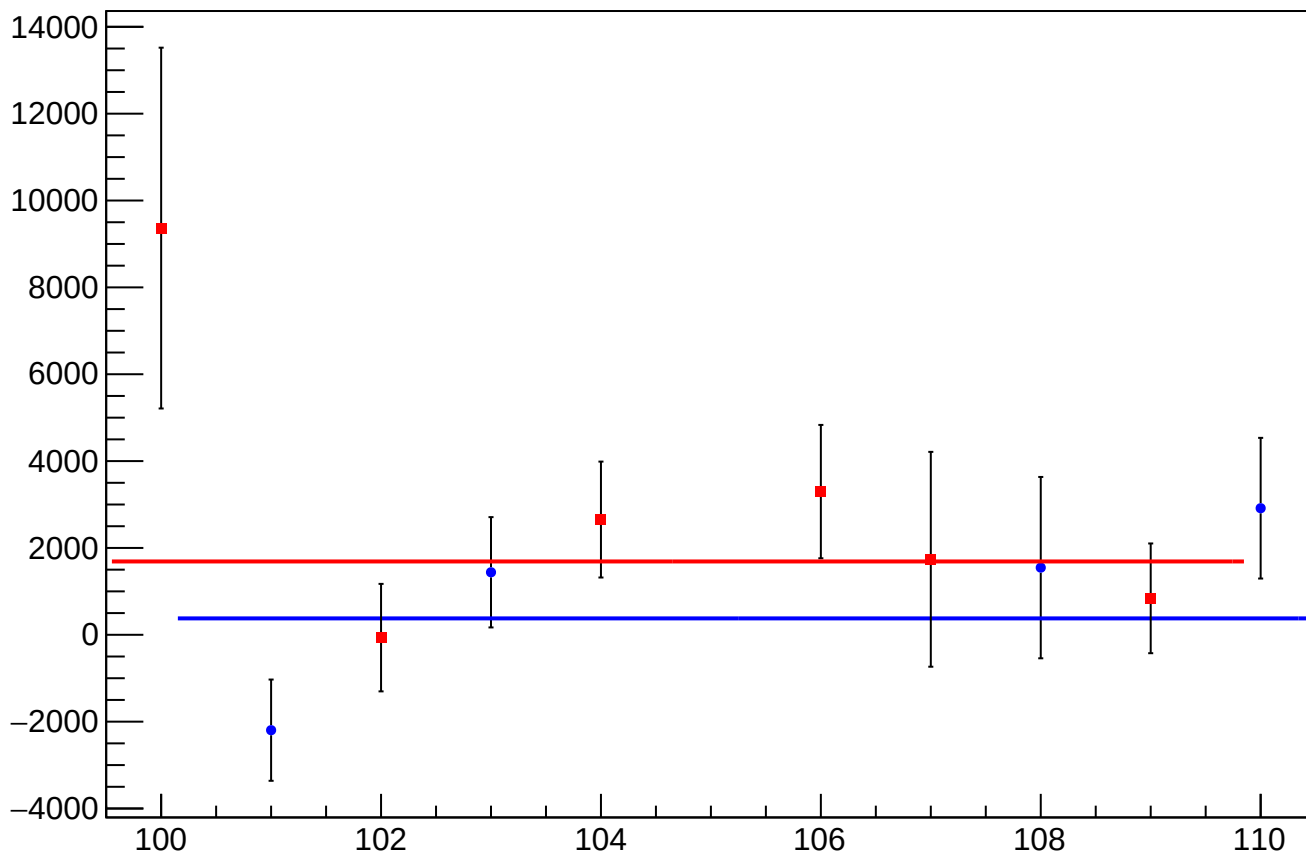
Right: 112.529+/-0.039 χ^2/NDF : 156790.4/9

In: 116.545+/-0.059 χ^2/NDF : 64674.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.529+/-0.039 χ^2/NDF : 156790.4/9

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 377.665+/-713.130 χ^2/NDF : 8.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1688.867+/-634.206 χ^2/NDF : 7.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

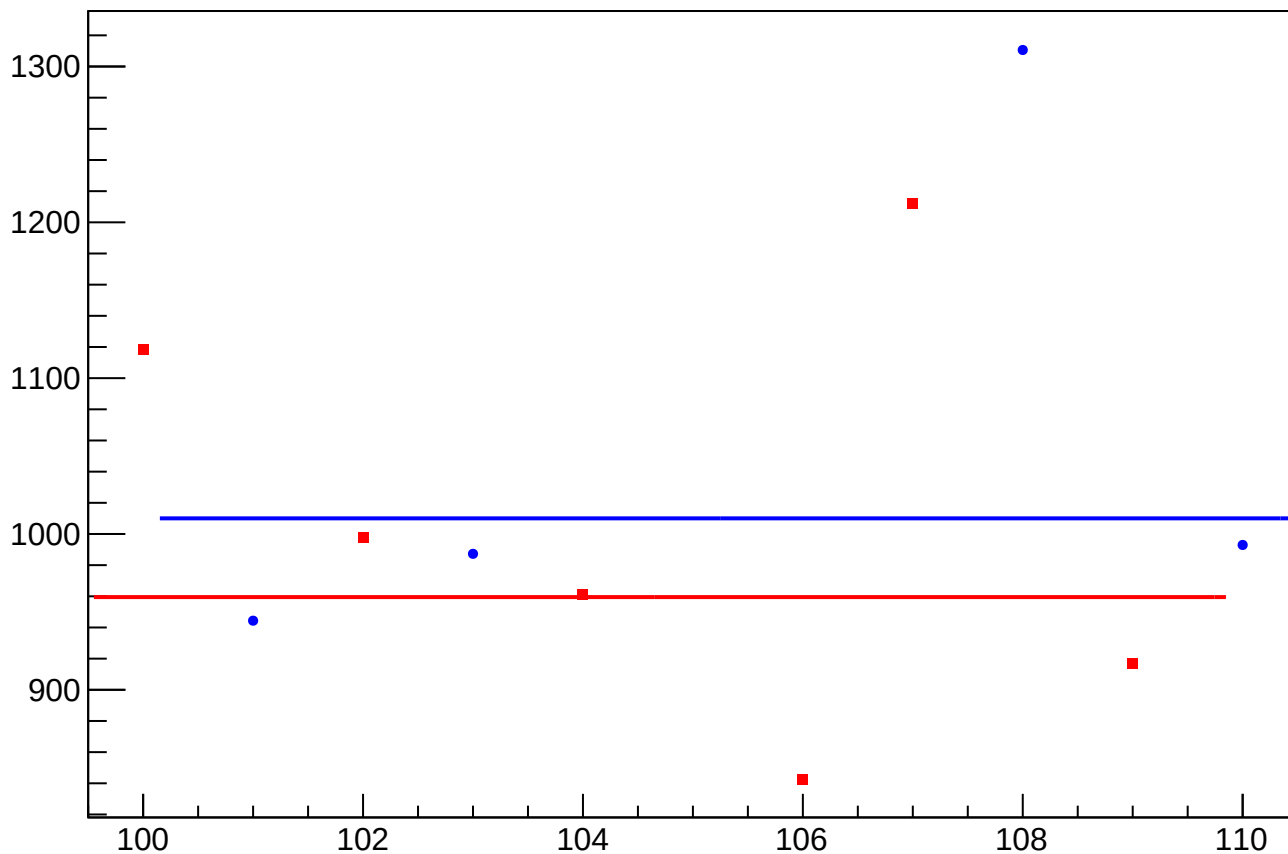
Right: 1109.812+/-473.908 χ^2/NDF : 17.7/9

In: 377.665+/-713.130 χ^2/NDF : 8.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.812+/-473.908 χ^2/NDF : 17.7/9

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1010.032 $\pm$ 0.504 χ^2 /NDF: 48660.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 959.506 $\pm$ 0.448 χ^2 /NDF: 39556.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

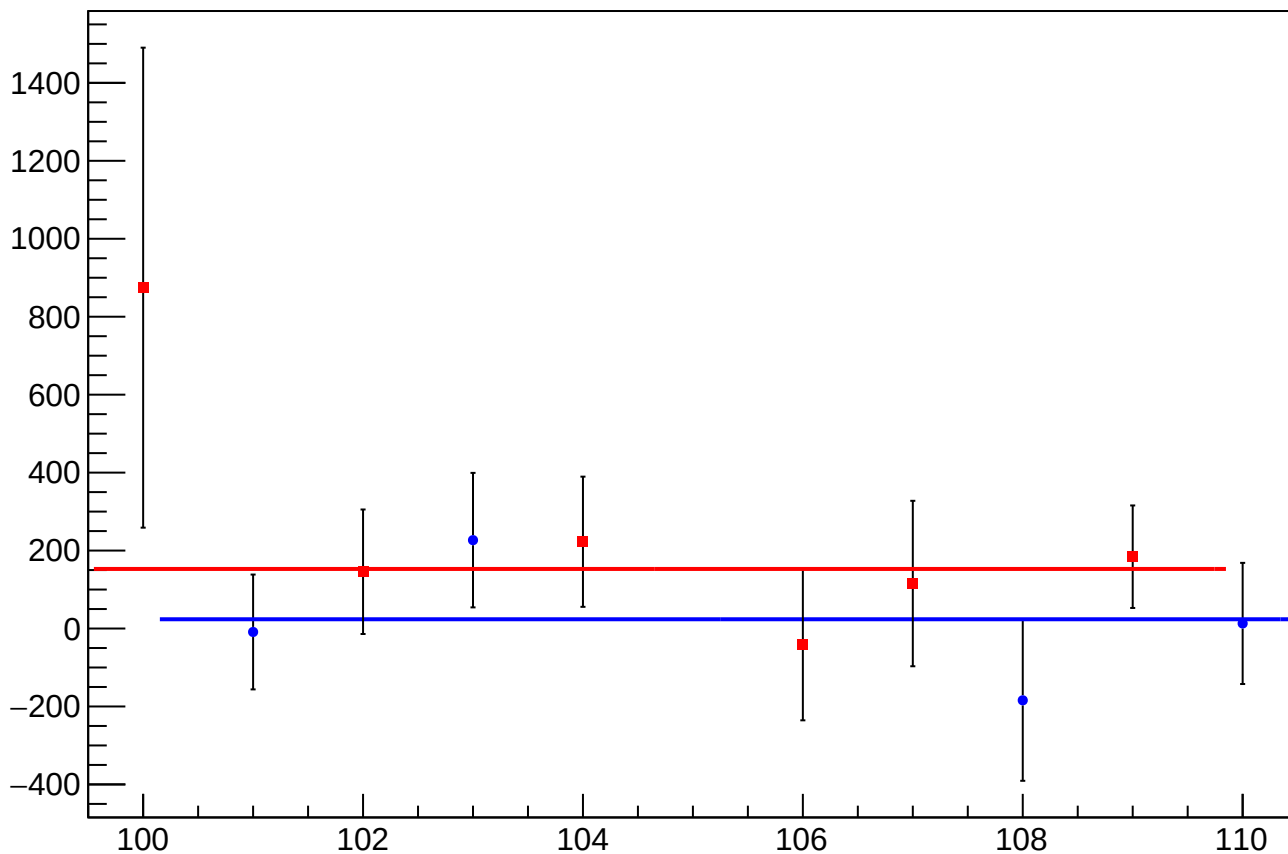
Right: 981.820 $\pm$ 0.335 χ^2 /NDF: 93822.8/9

In: 1010.032 $\pm$ 0.504 χ^2 /NDF:48660.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 981.820 $\pm$ 0.335 χ^2 /NDF: 93822.8/9

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 23.755+/-83.187 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.851+/-73.703 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

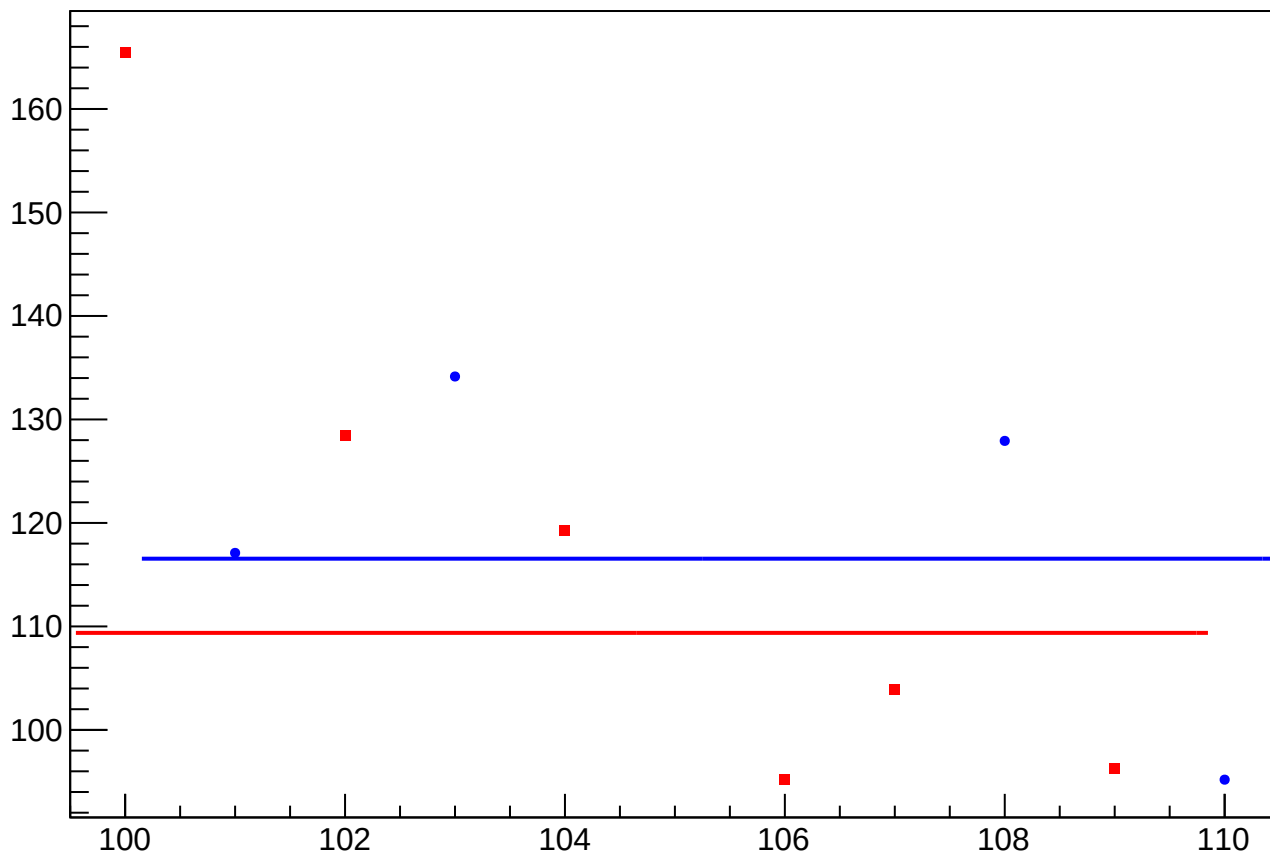
Right: 96.078+/-55.166 χ^2/NDF : 6.4/9

In: 23.755+/-83.187 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.078+/-55.166 χ^2/NDF : 6.4/9

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 116.545+/-0.059 χ^2/NDF : 64677.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.376+/-0.052 χ^2/NDF : 83792.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

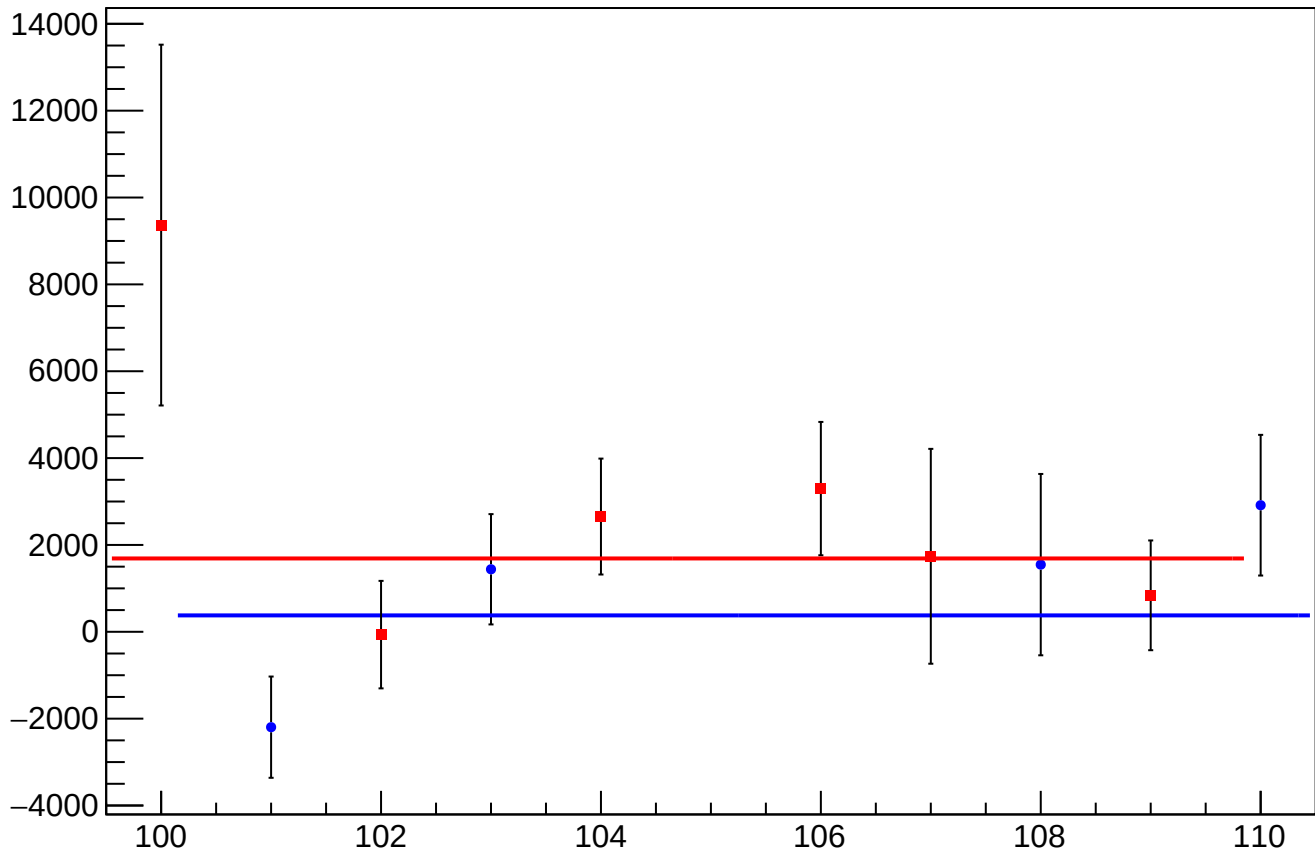
Right: 112.529+/-0.039 χ^2/NDF : 156792.2/9

In: 116.545+/-0.059 χ^2/NDF : 64677.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.529+/-0.039 χ^2/NDF : 156792.2/9

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 377.667+/-713.131 χ^2 /NDF: 8.3/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1688.867+/-634.206 χ^2 /NDF: 7.5/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

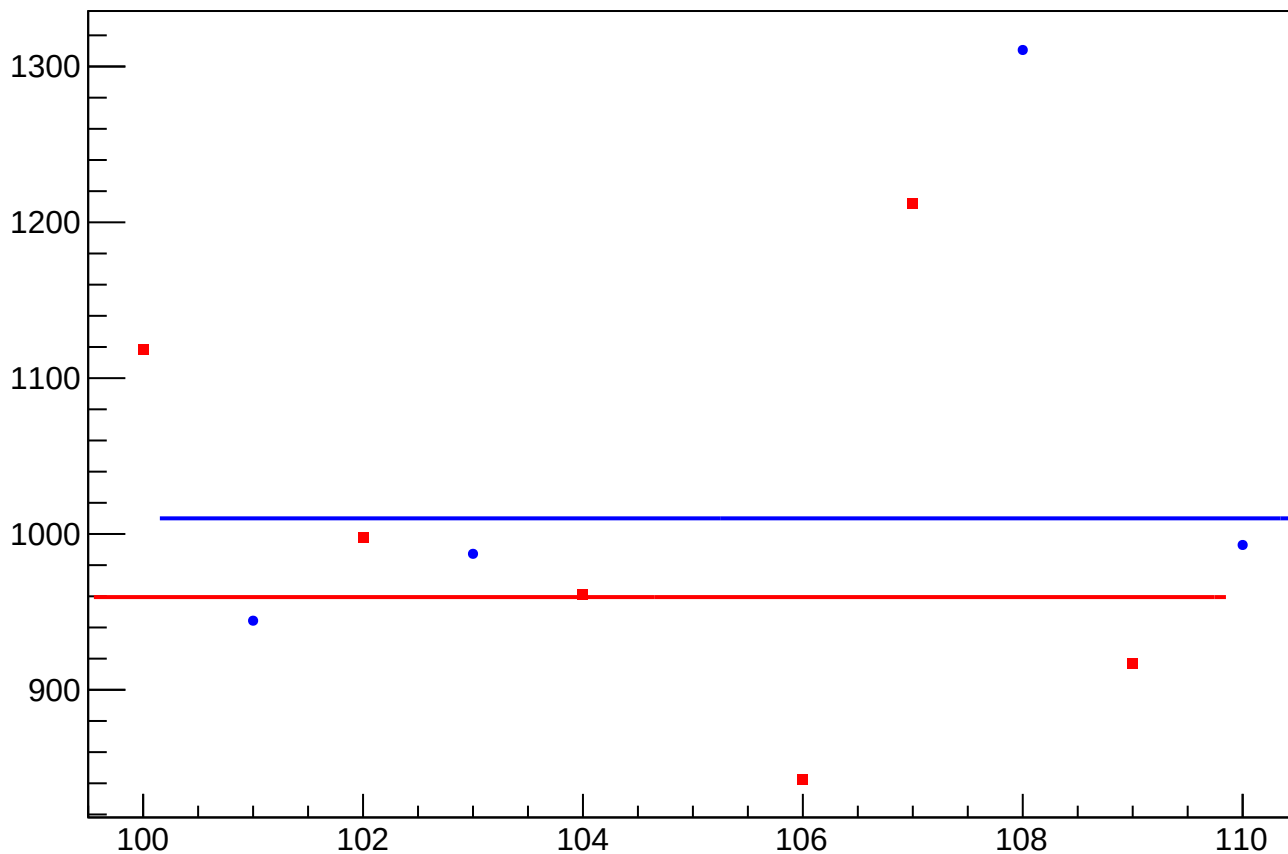
Right: 1109.813+/-473.909 χ^2 /NDF: 17.7/9

In: 377.667+/-713.131 χ^2 /NDF: 8.3/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1109.813+/-473.909 χ^2 /NDF: 17.7/9

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1010.033+/-0.504 χ^2/NDF : 48659.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.507+/-0.448 χ^2/NDF : 39556.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

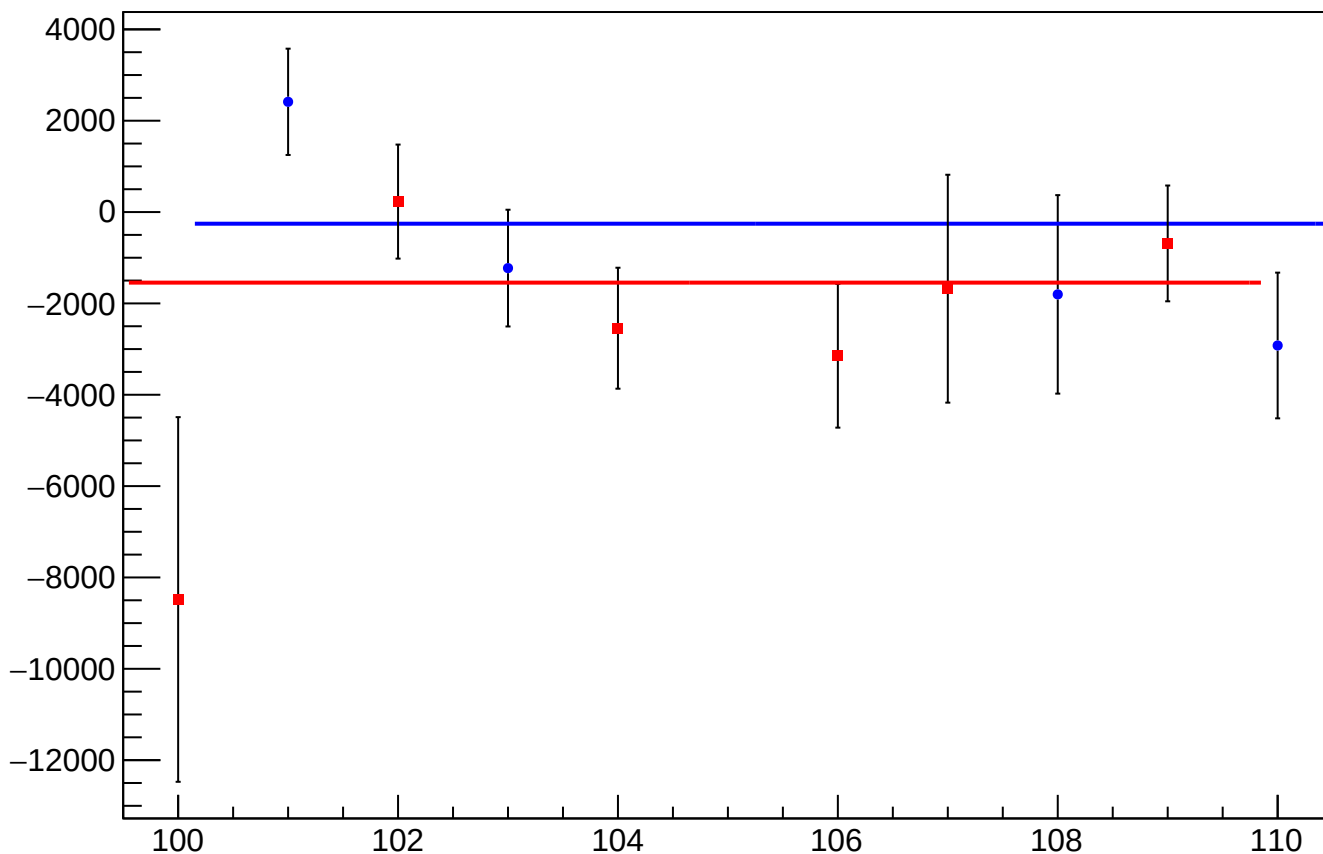
Right: 981.820+/-0.335 χ^2/NDF : 93822.8/9

In: 1010.033+/-0.504 χ^2/NDF : 48659.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 981.820+/-0.335 χ^2/NDF : 93822.8/9

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -255.024+/-715.083 χ^2/NDF : 9.1/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1544.994+/-637.351 χ^2/NDF : 7.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

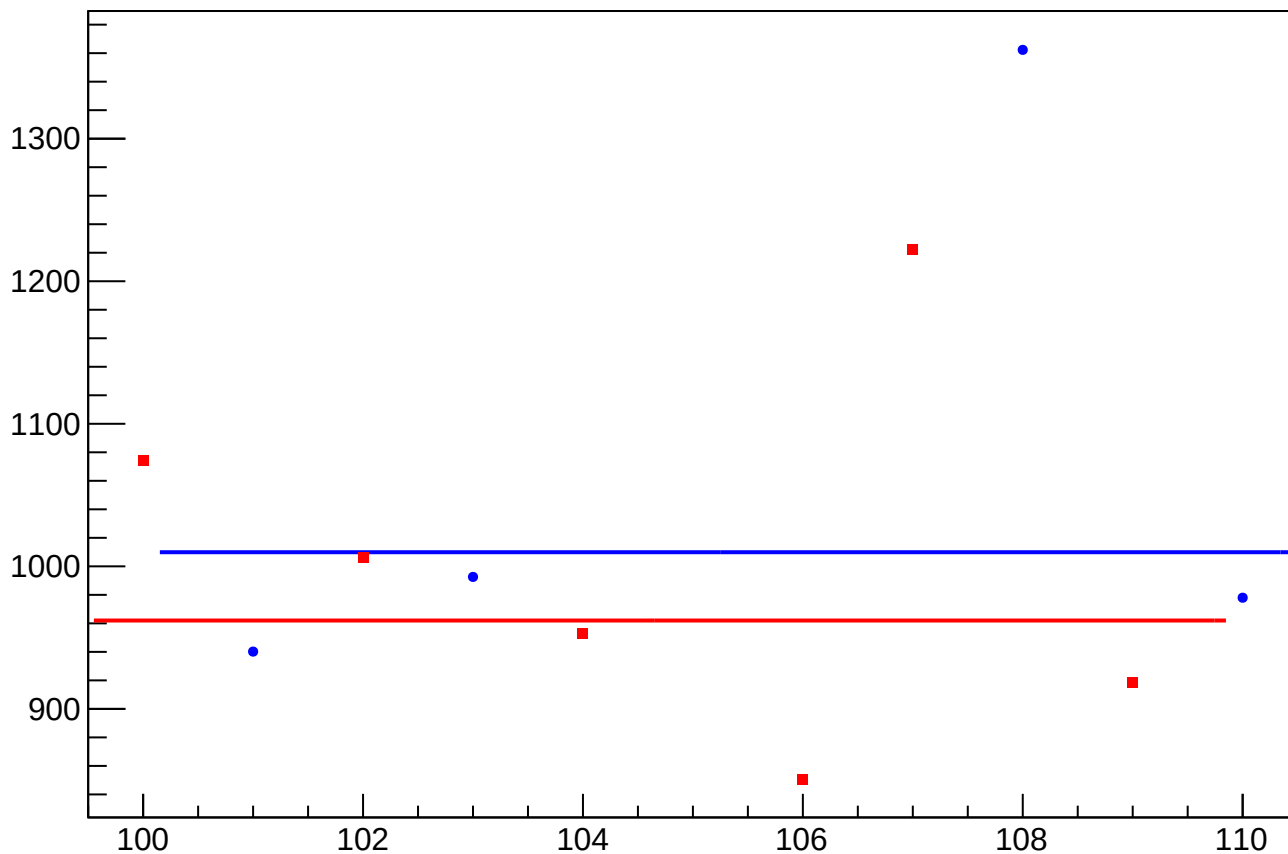
Right: -973.907+/-475.793 χ^2/NDF : 18.1/9

In: -255.024+/-715.083 χ^2/NDF :9.1/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -973.907+/-475.793 χ^2/NDF : 18.1/9

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1009.908+/-0.506 χ^2/NDF : 60949.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.002+/-0.451 χ^2/NDF : 38255.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

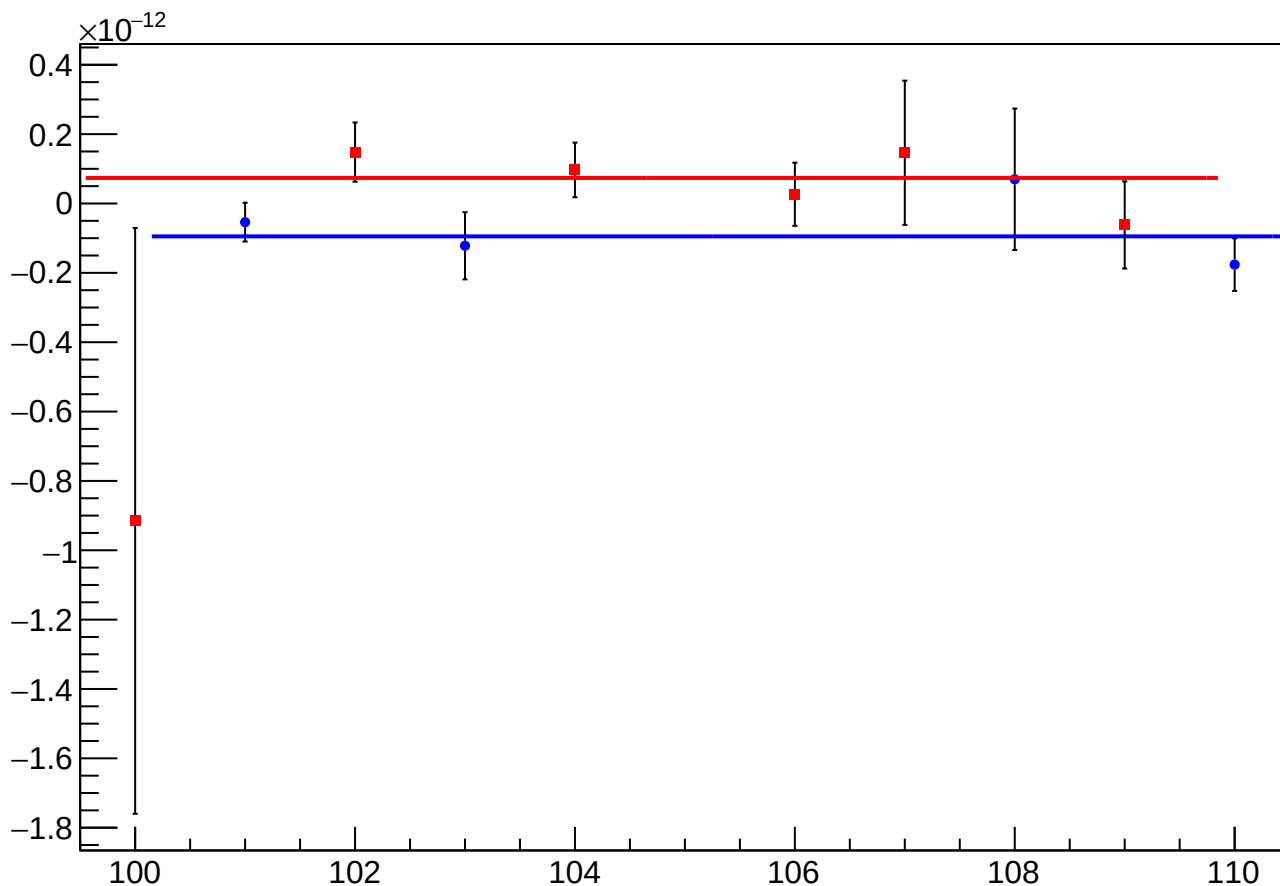
Right: 983.210+/-0.336 χ^2/NDF : 104206.4/9

In: 1009.908+/-0.506 χ^2/NDF : 60949.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.210+/-0.336 χ^2/NDF : 104206.4/9

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

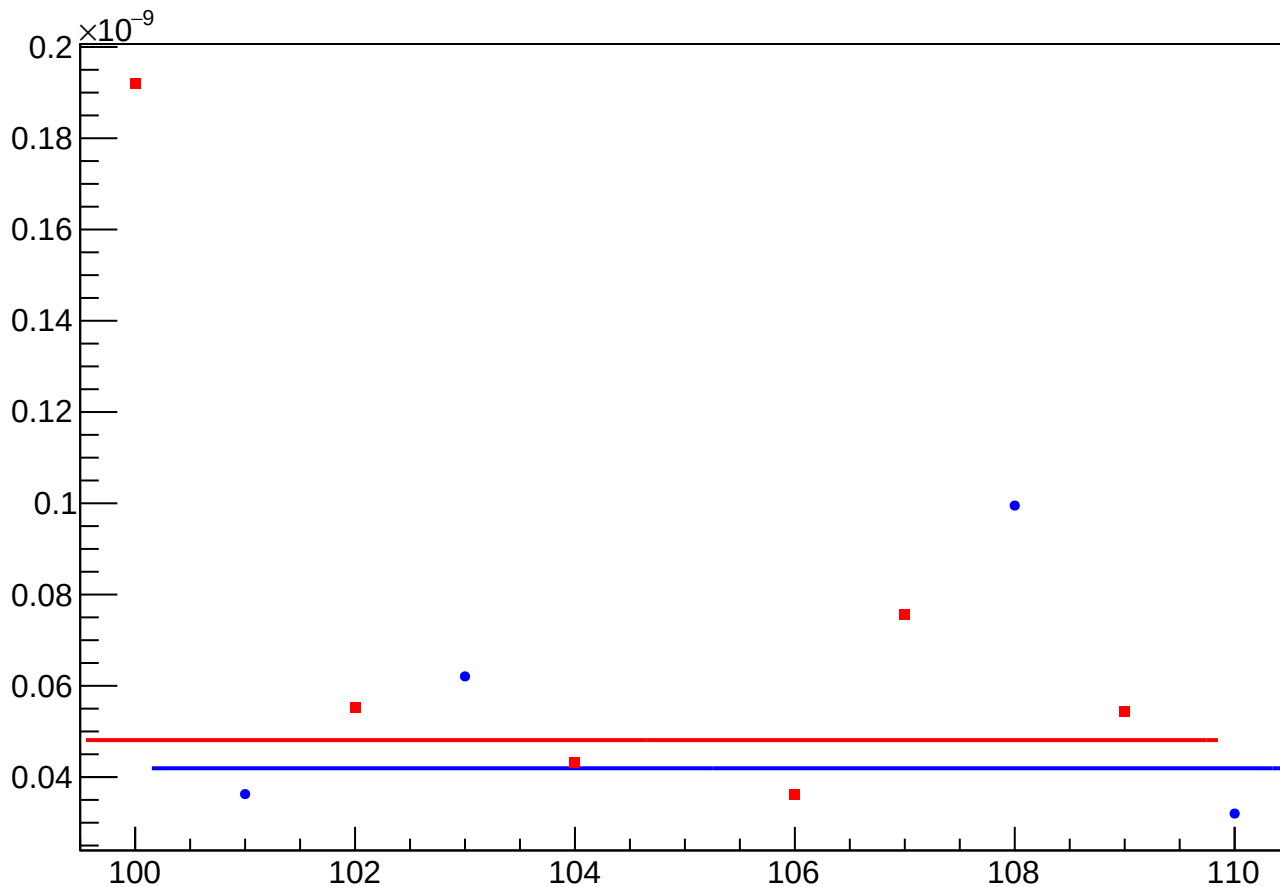
Right: -0.000+/-0.000 χ^2/NDF : 14.1/9

In: -0.000+/-0.000 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.1/9

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 300284.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 153588.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

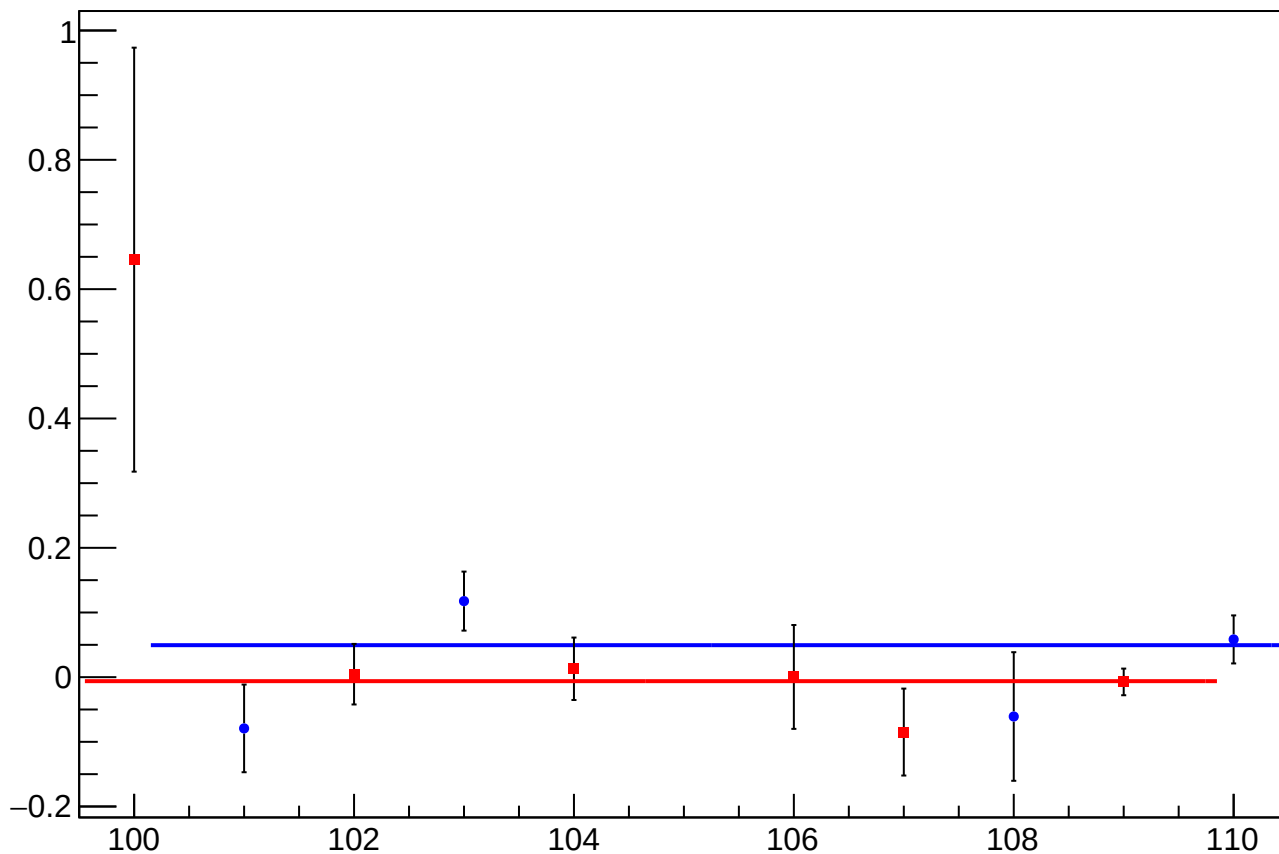
Right: 0.000+/-0.000 χ^2/NDF : 475194.7/9

In: 0.000+/-0.000 χ^2/NDF : 300284.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 475194.7/9

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049+/-0.026 χ^2/NDF : 7.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.017 χ^2/NDF : 5.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

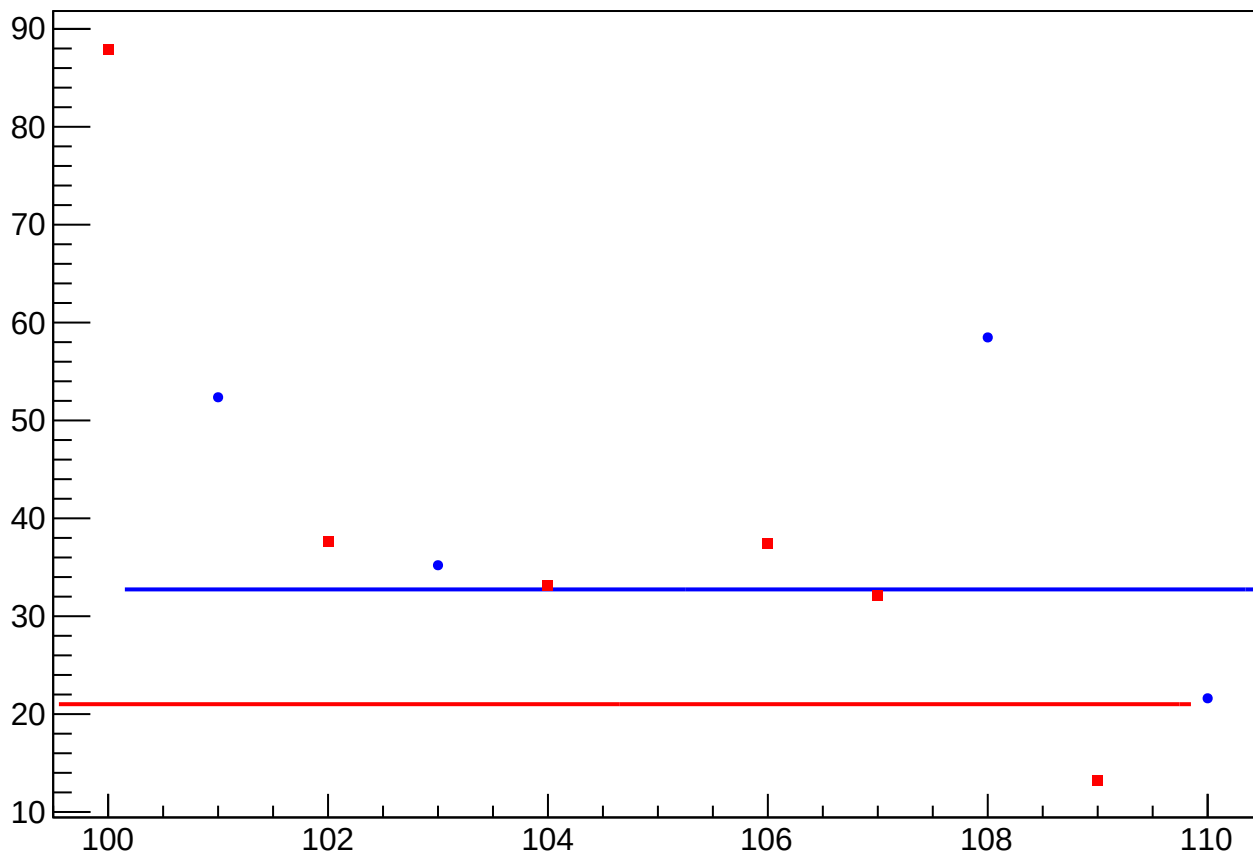
Right: 0.010+/-0.014 χ^2/NDF : 16.0/9

In: 0.049+/-0.026 χ^2/NDF : 7.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.014 χ^2/NDF : 16.0/9

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.738+/-0.018 χ^2/NDF : 486967.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.013+/-0.012 χ^2/NDF : 887362.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

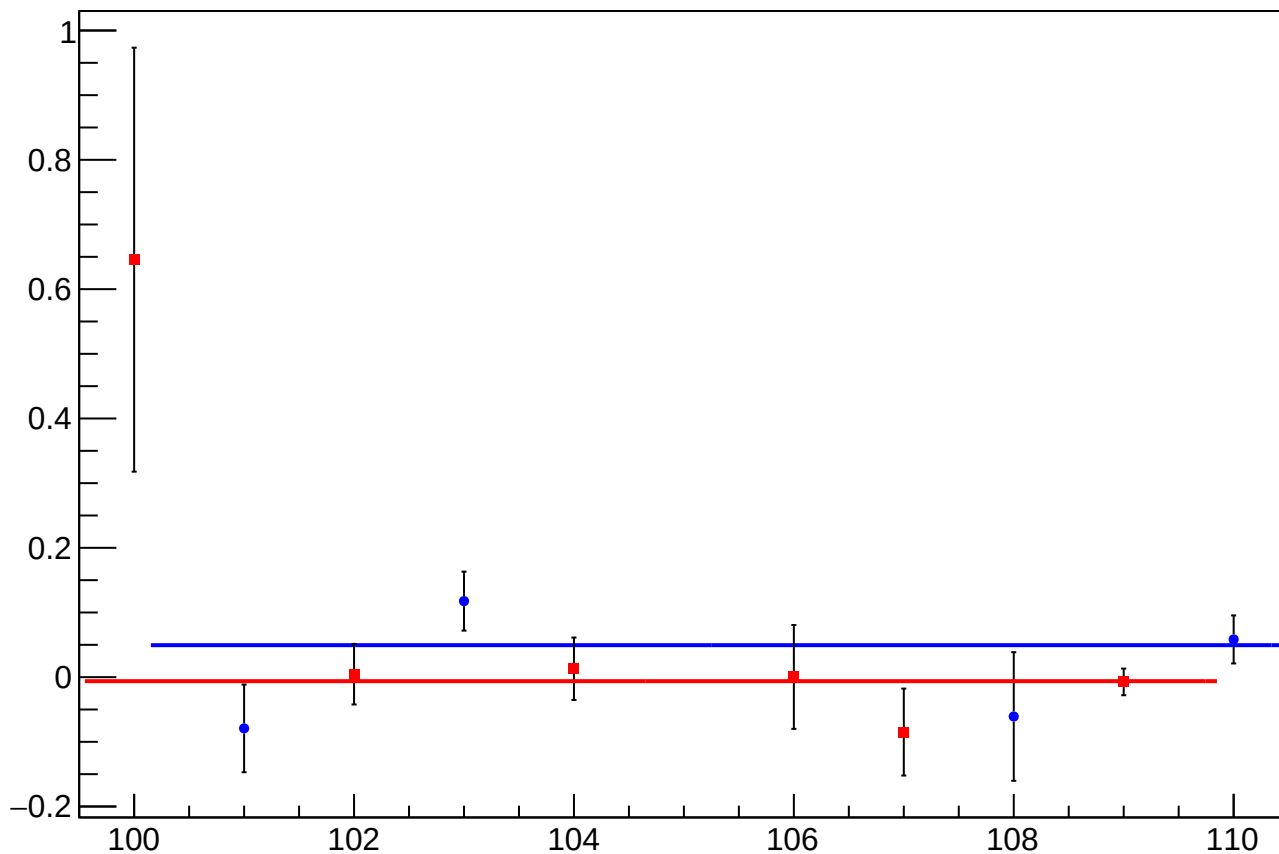
Right: 24.481+/-0.010 χ^2/NDF : 1669383.9/9

In: 32.738+/-0.018 χ^2/NDF : 486967.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.481+/-0.010 χ^2/NDF : 1669383.9/9

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049+/-0.026 χ^2/NDF : 7.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.017 χ^2/NDF : 5.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

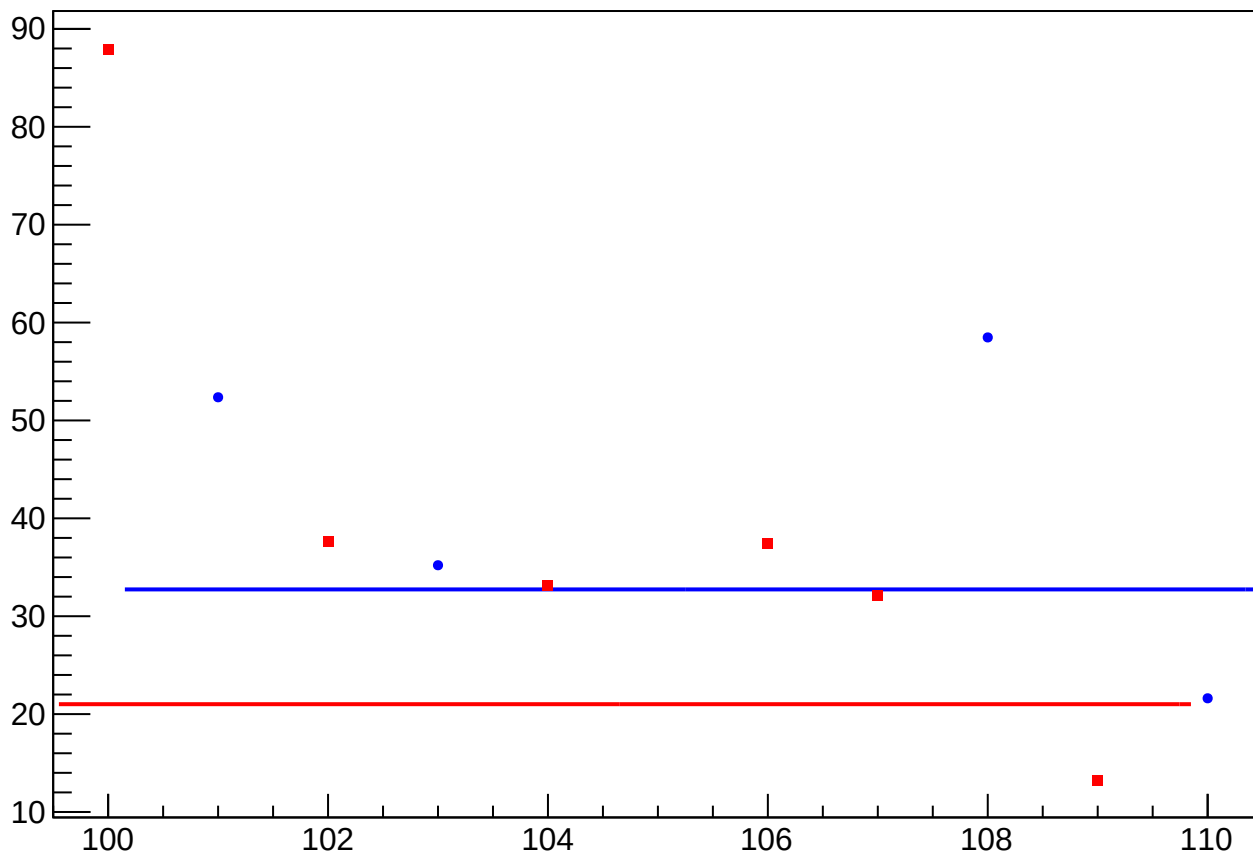
Right: 0.010+/-0.014 χ^2/NDF : 16.0/9

In: 0.049+/-0.026 χ^2/NDF : 7.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.014 χ^2/NDF : 16.0/9

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.738+/-0.018 χ^2/NDF : 486967.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.013+/-0.012 χ^2/NDF : 887362.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

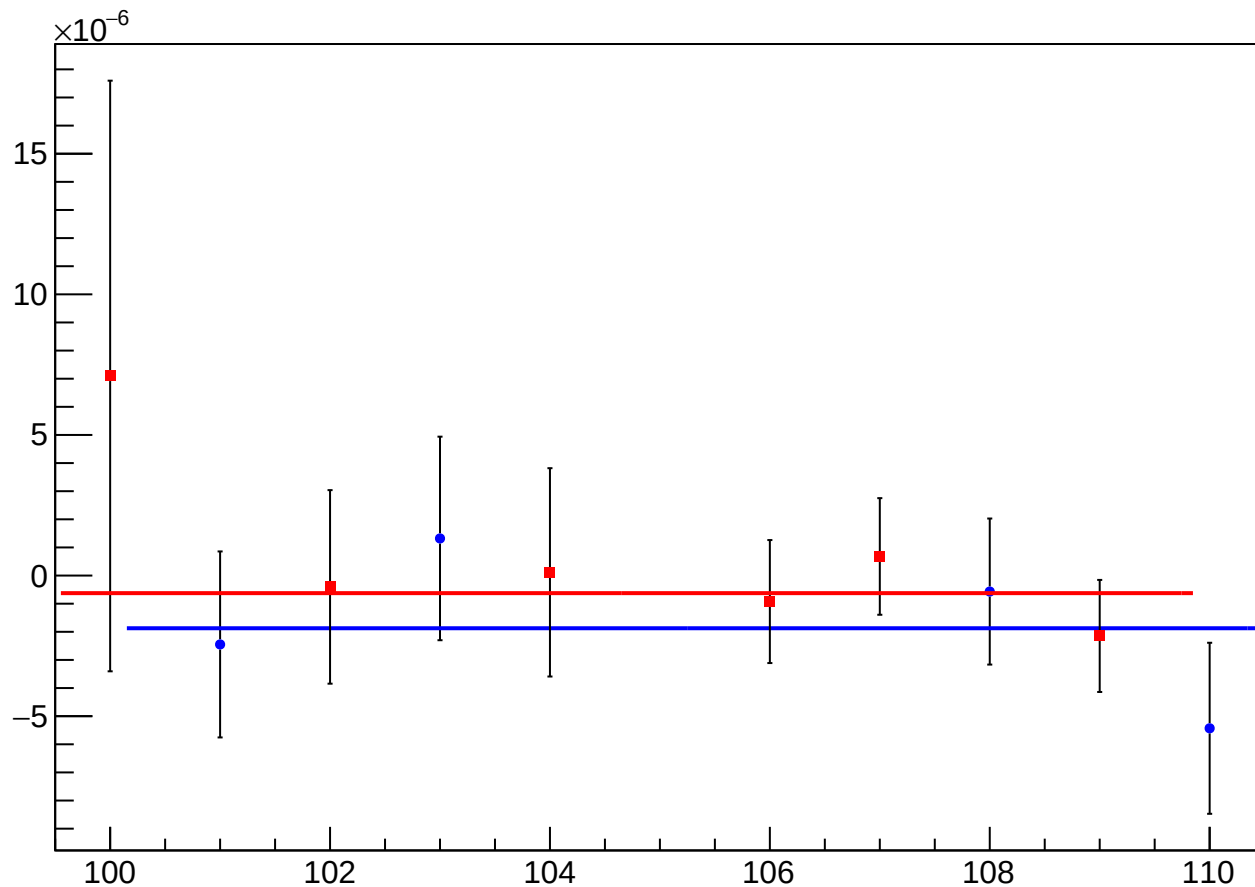
Right: 24.481+/-0.010 χ^2/NDF : 1669383.9/9

In: 32.738+/-0.018 χ^2/NDF : 486967.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.481+/-0.010 χ^2/NDF : 1669383.9/9

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

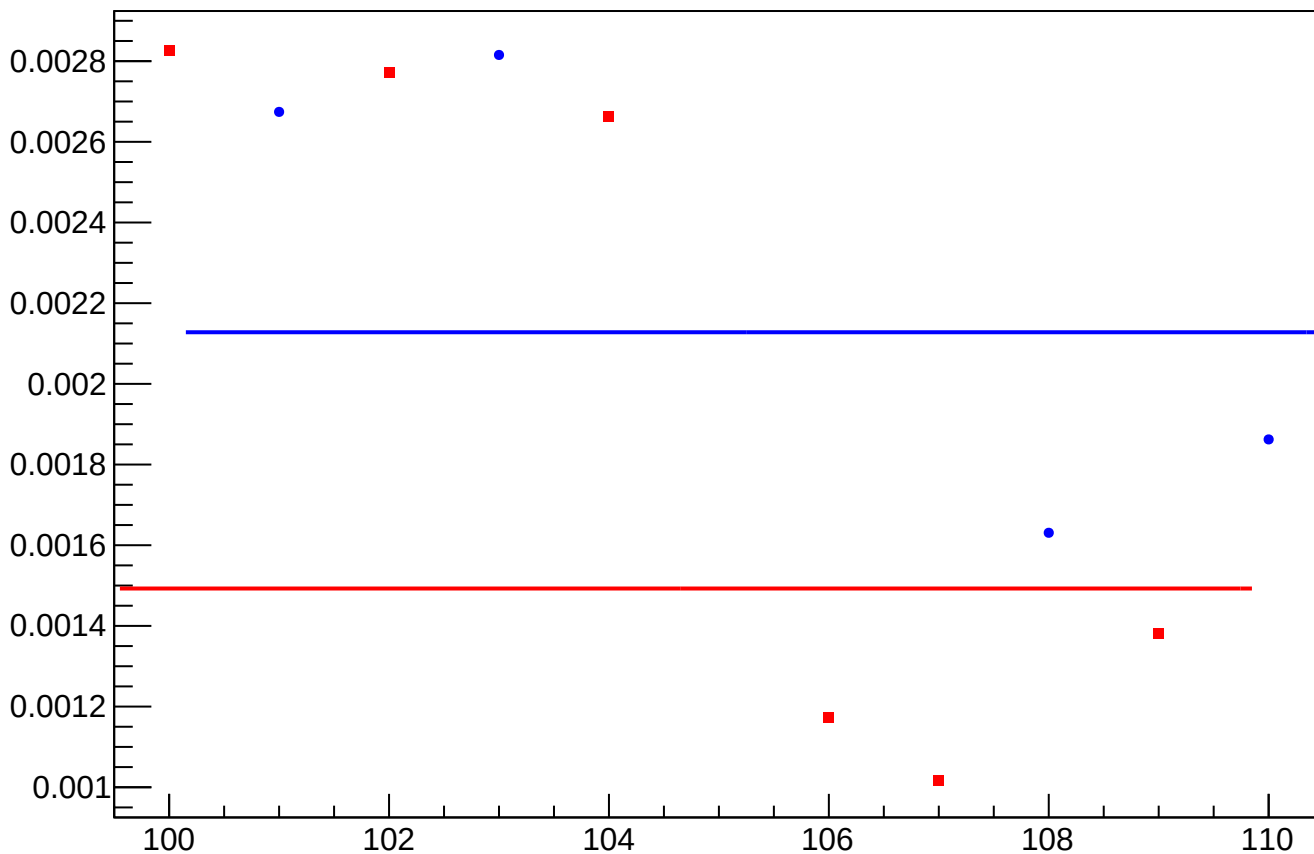
Right: -0.000+/-0.000 χ^2/NDF : 4.5/9

In: -0.000+/-0.000 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.5/9

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 215298.0/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 662087.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

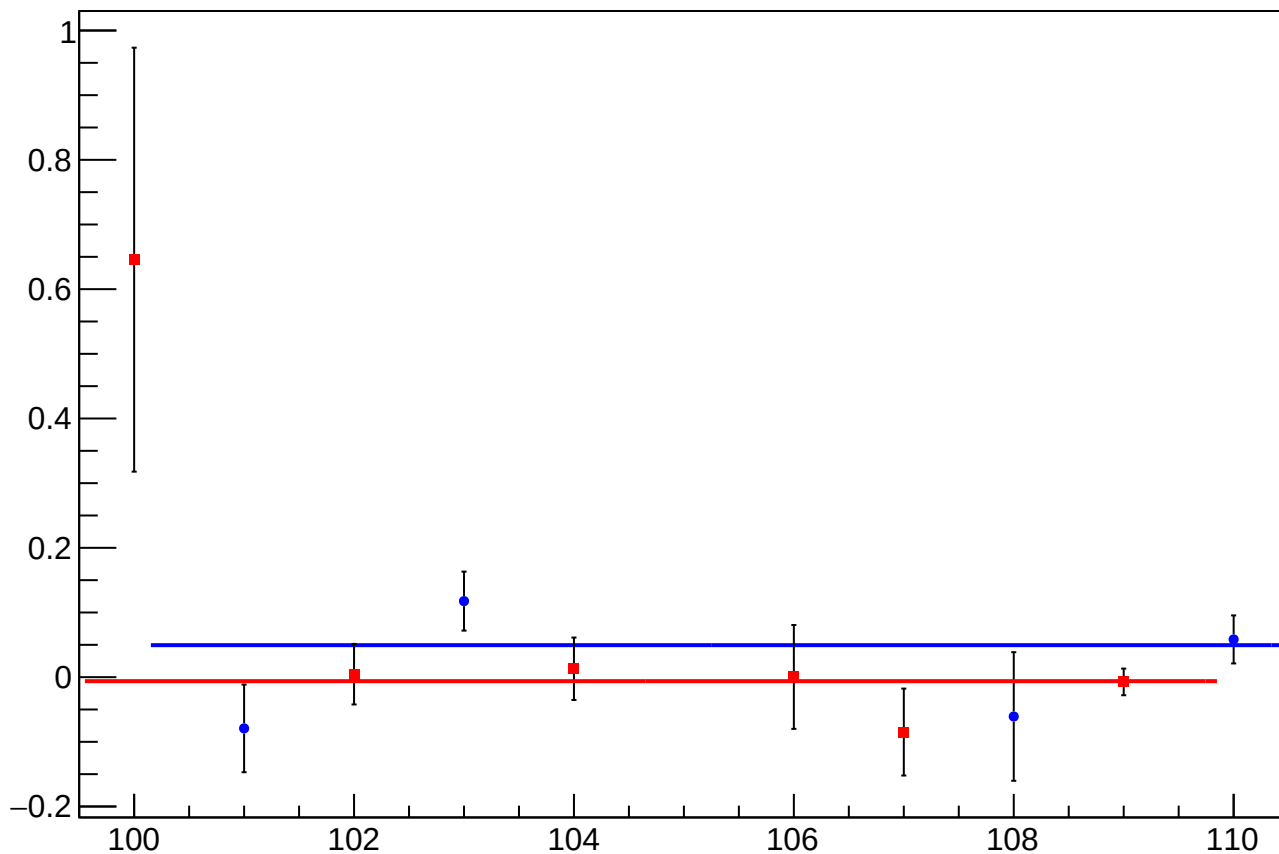
Right: 0.002+/-0.000 χ^2/NDF : 1106682.1/9

In: 0.002+/-0.000 χ^2/NDF :215298.0/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1106682.1/9

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049+/-0.026 χ^2/NDF : 7.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.017 χ^2/NDF : 5.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

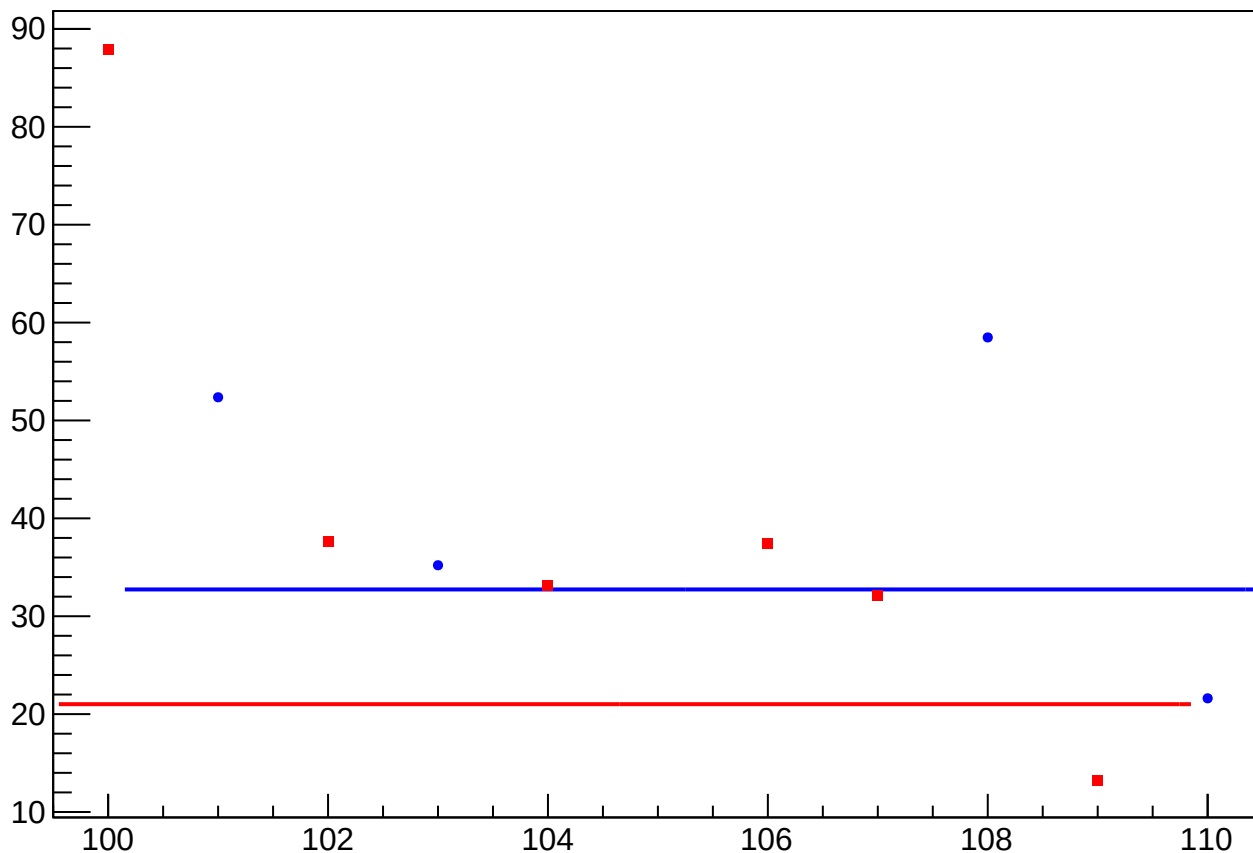
Right: 0.010+/-0.014 χ^2/NDF : 16.0/9

In: 0.049+/-0.026 χ^2/NDF : 7.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.014 χ^2/NDF : 16.0/9

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.737+/-0.018 χ^2/NDF : 487070.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.015+/-0.012 χ^2/NDF : 887227.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

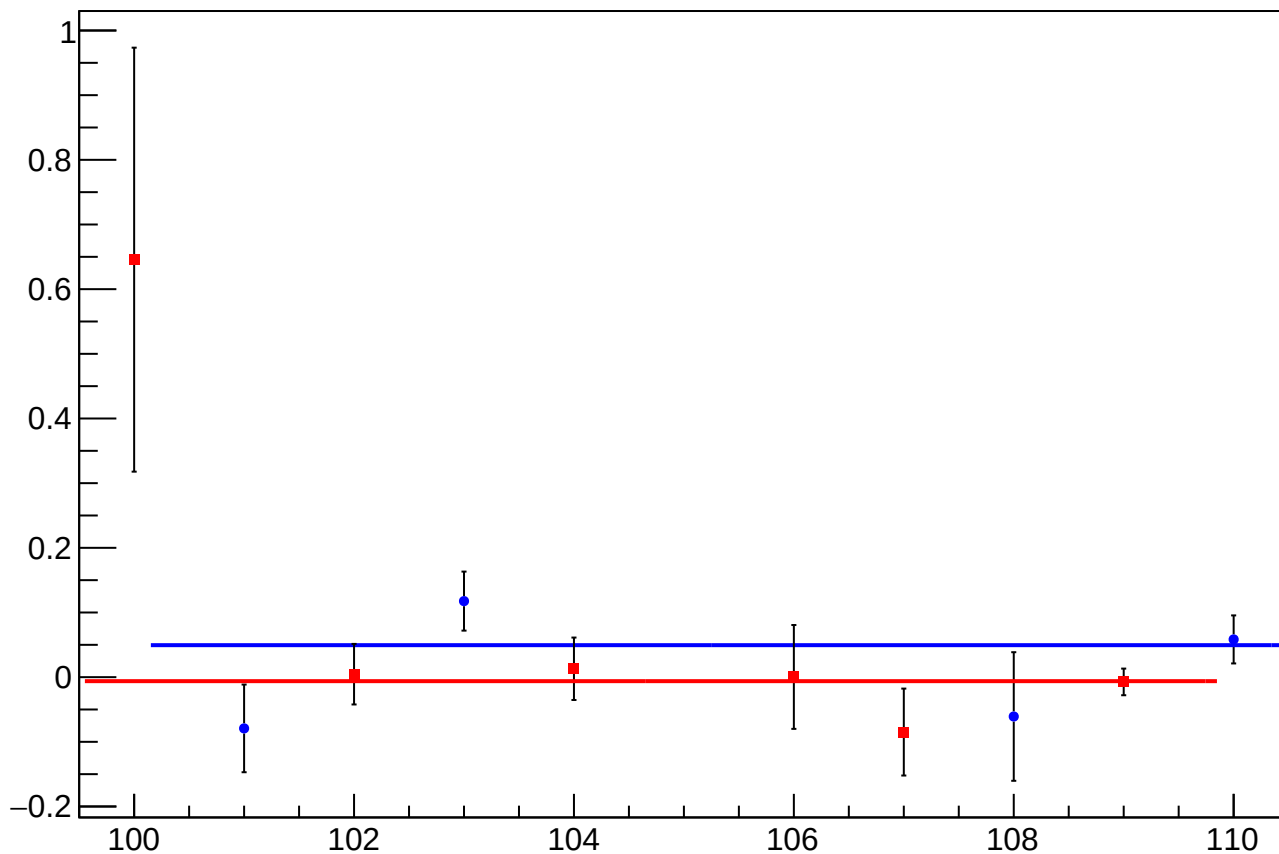
Right: 24.482+/-0.010 χ^2/NDF : 1669209.8/9

In: 32.737+/-0.018 χ^2/NDF : 487070.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.482+/-0.010 χ^2/NDF : 1669209.8/9

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049+/-0.026 χ^2/NDF : 7.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.017 χ^2/NDF : 5.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

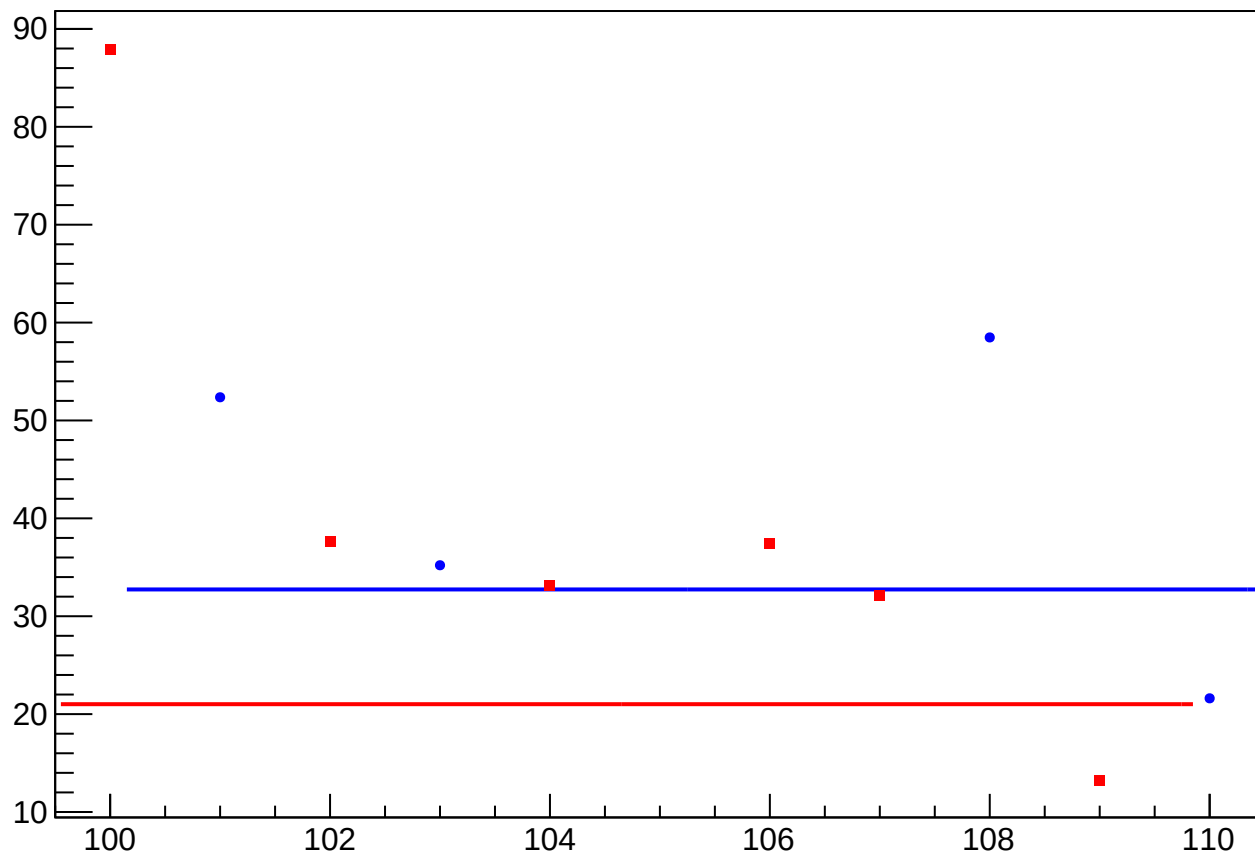
Right: 0.010+/-0.014 χ^2/NDF : 16.0/9

In: 0.049+/-0.026 χ^2/NDF : 7.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.014 χ^2/NDF : 16.0/9

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.737+/-0.018 χ^2/NDF : 487070.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.015+/-0.012 χ^2/NDF : 887227.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

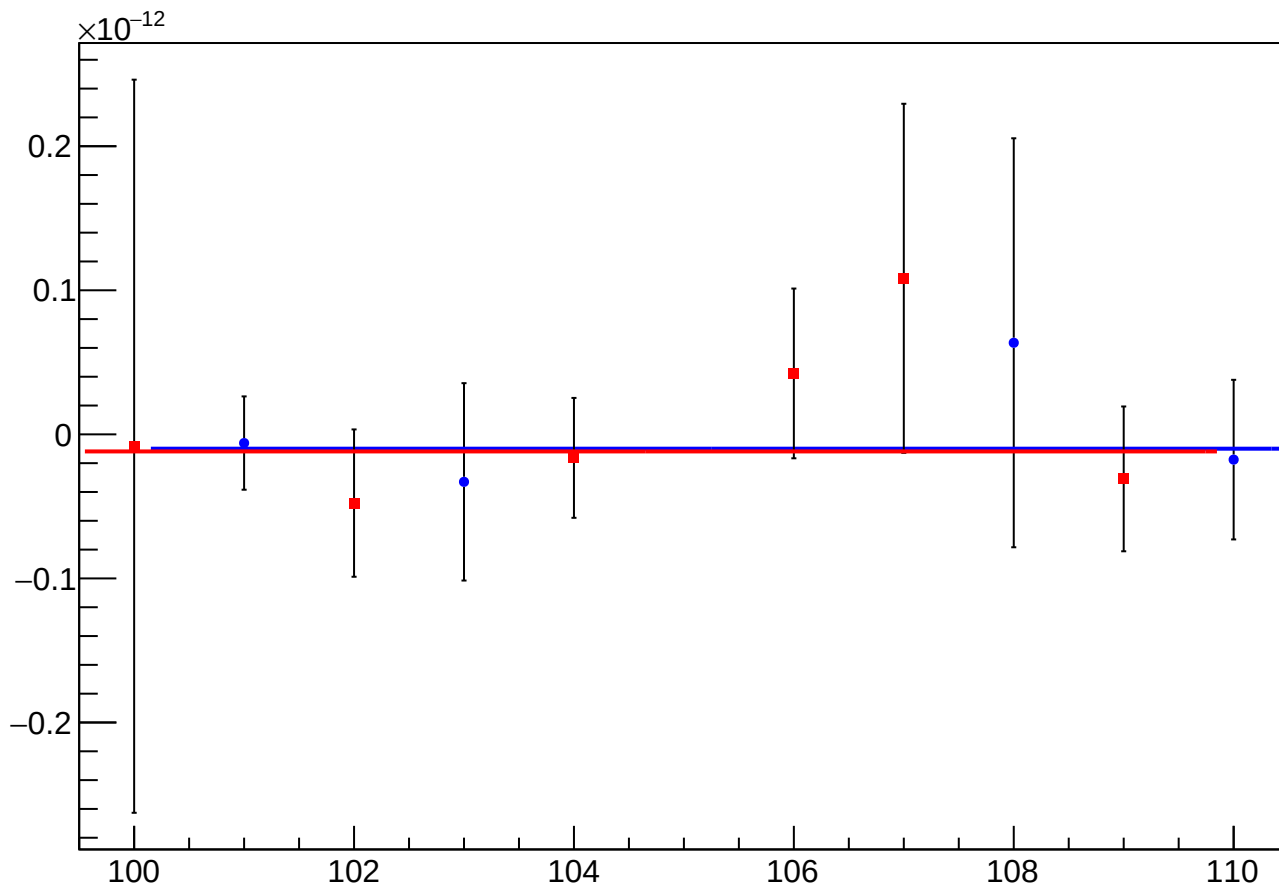
Right: 24.482+/-0.010 χ^2/NDF : 1669209.8/9

In: 32.737+/-0.018 χ^2/NDF : 487070.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.482+/-0.010 χ^2/NDF : 1669209.8/9

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

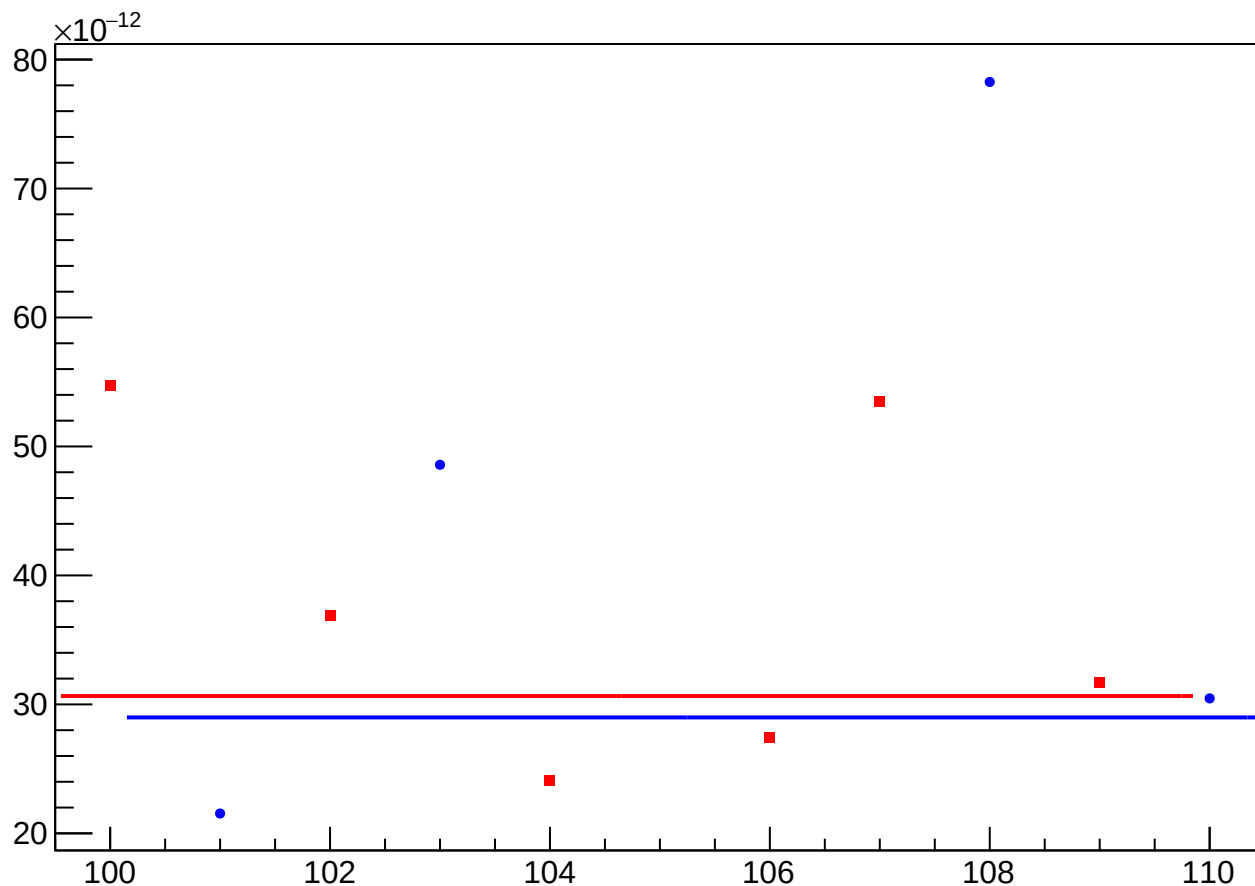
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.9/9

In: -0.000 $\pm$ 0.000 χ^2 /NDF:0.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.9/9

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 511836.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 175102.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

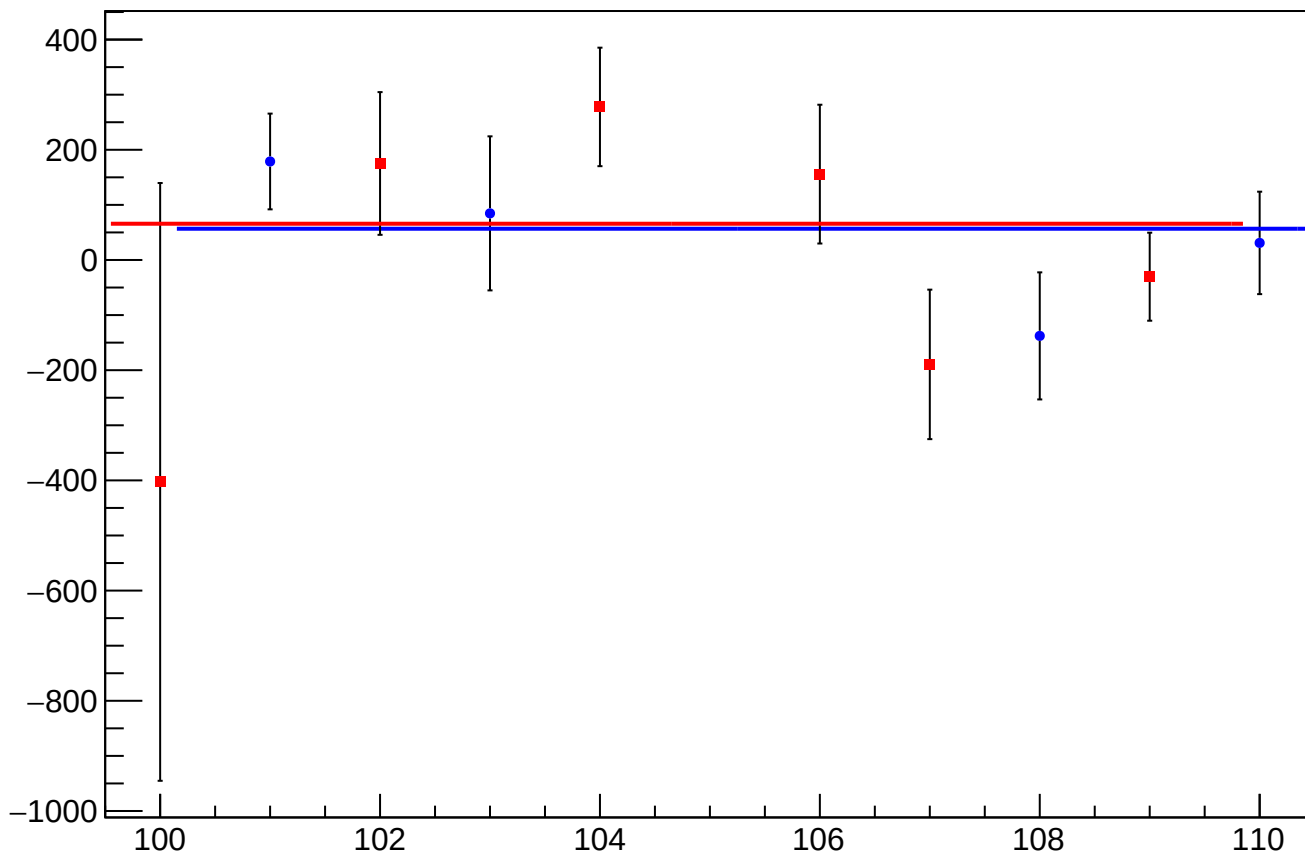
Right: 0.000+/-0.000 χ^2/NDF : 691420.0/9

In: 0.000+/-0.000 χ^2/NDF : 511836.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 691420.0/9

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 56.697+/-51.669 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.788+/-48.586 χ^2/NDF : 10.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

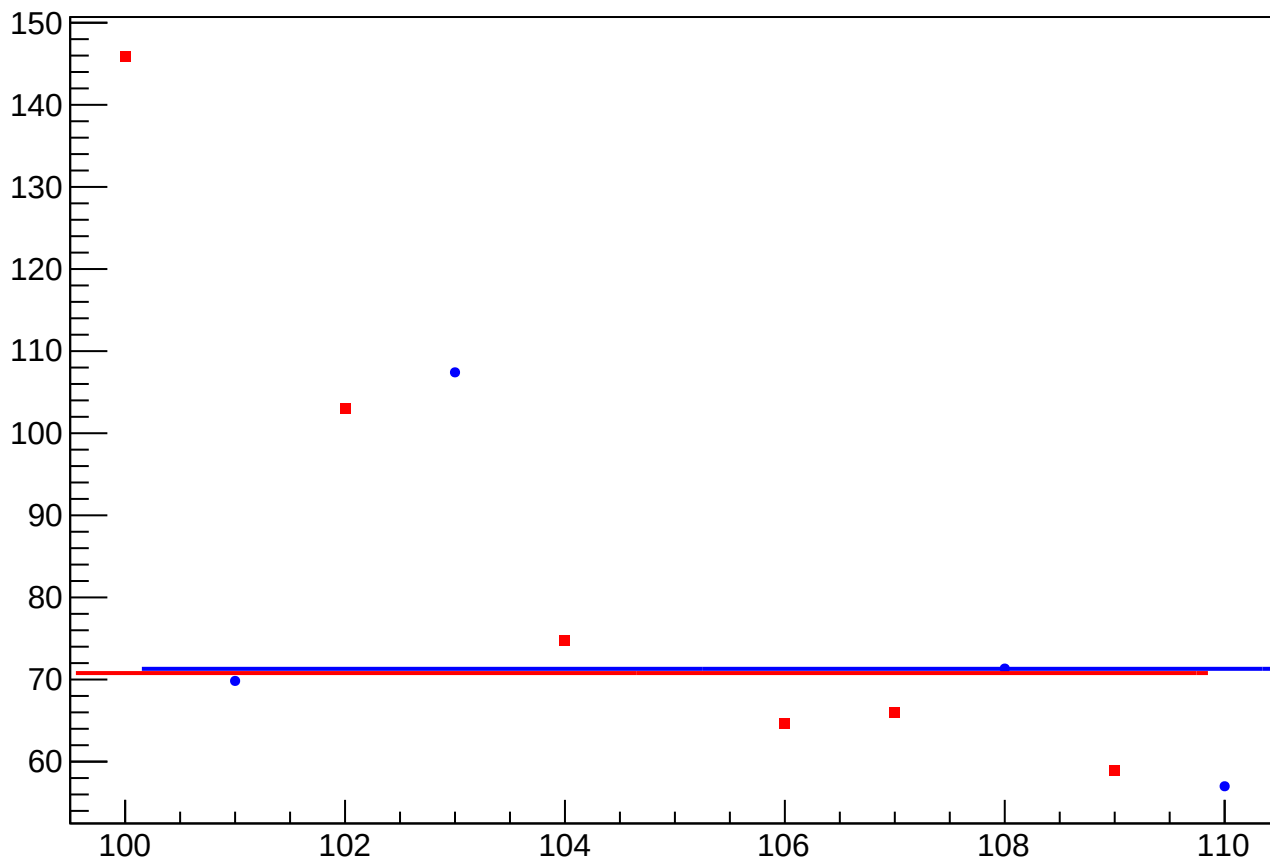
Right: 61.522+/-35.395 χ^2/NDF : 15.8/9

In: 56.697+/-51.669 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.522+/-35.395 χ^2/NDF : 15.8/9

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 71.305+/-0.037 χ^2/NDF : 181398.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.787+/-0.034 χ^2/NDF : 217139.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

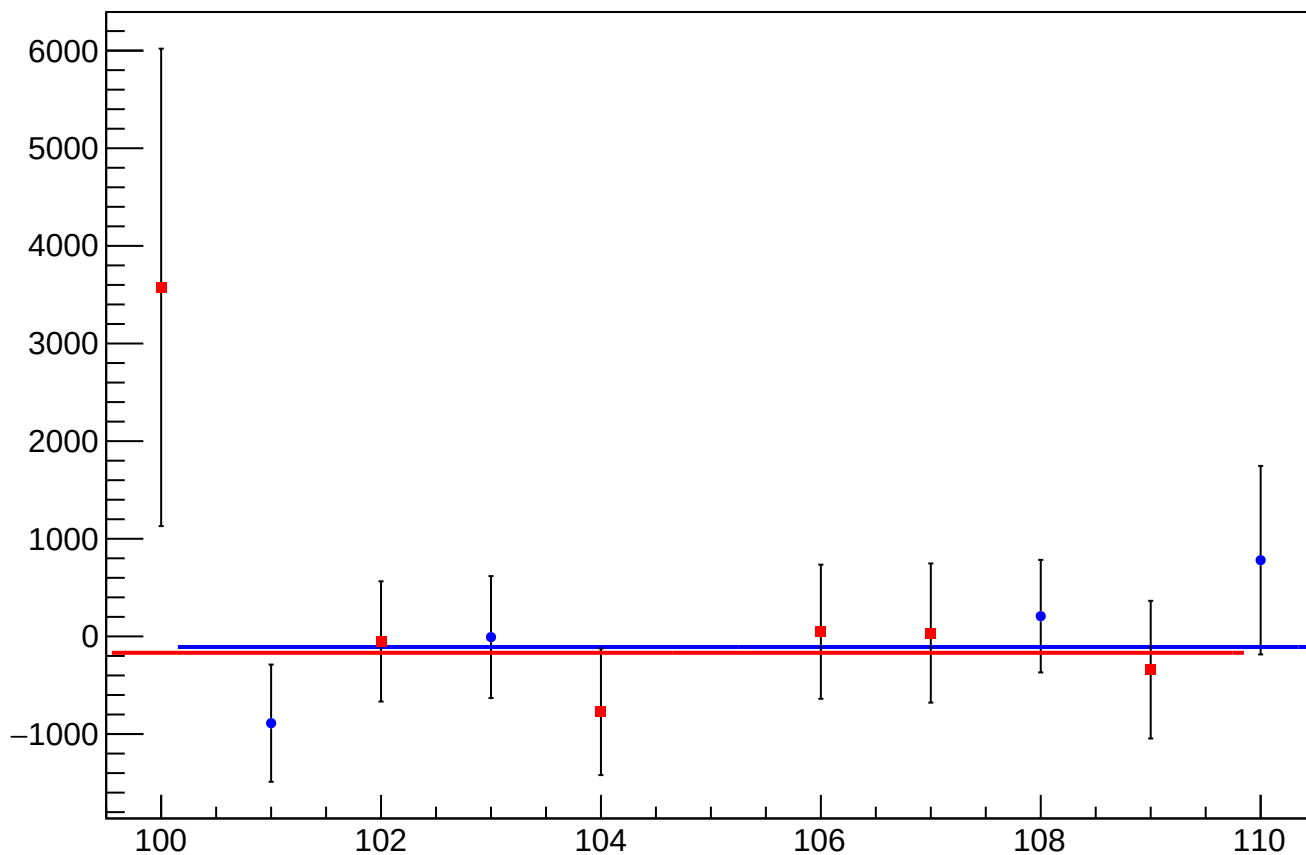
Right: 71.030+/-0.025 χ^2/NDF : 398643.6/9

In: 71.305+/-0.037 χ^2/NDF : 181398.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.030+/-0.025 χ^2/NDF : 398643.6/9

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -108.441 $\pm$ 325.796 χ^2 /NDF: 2.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -167.715 $\pm$ 297.711 χ^2 /NDF: 3.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

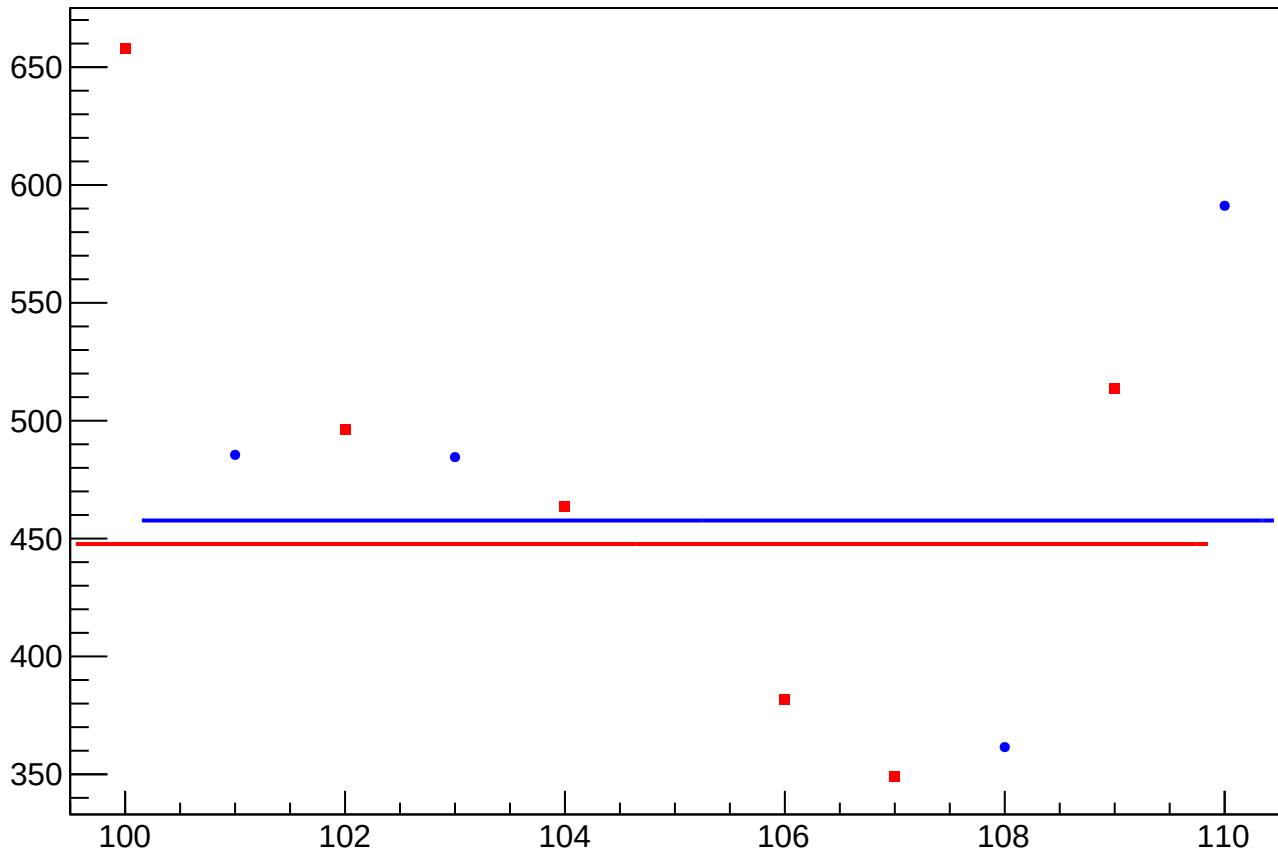
Right: -140.742 $\pm$ 219.773 χ^2 /NDF: 6.4/9

In: -108.441 $\pm$ 325.796 χ^2 /NDF: 2.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -140.742 $\pm$ 219.773 χ^2 /NDF: 6.4/9

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 457.663+/-0.230 χ^2/NDF : 101915.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 447.689+/-0.211 χ^2/NDF : 102700.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

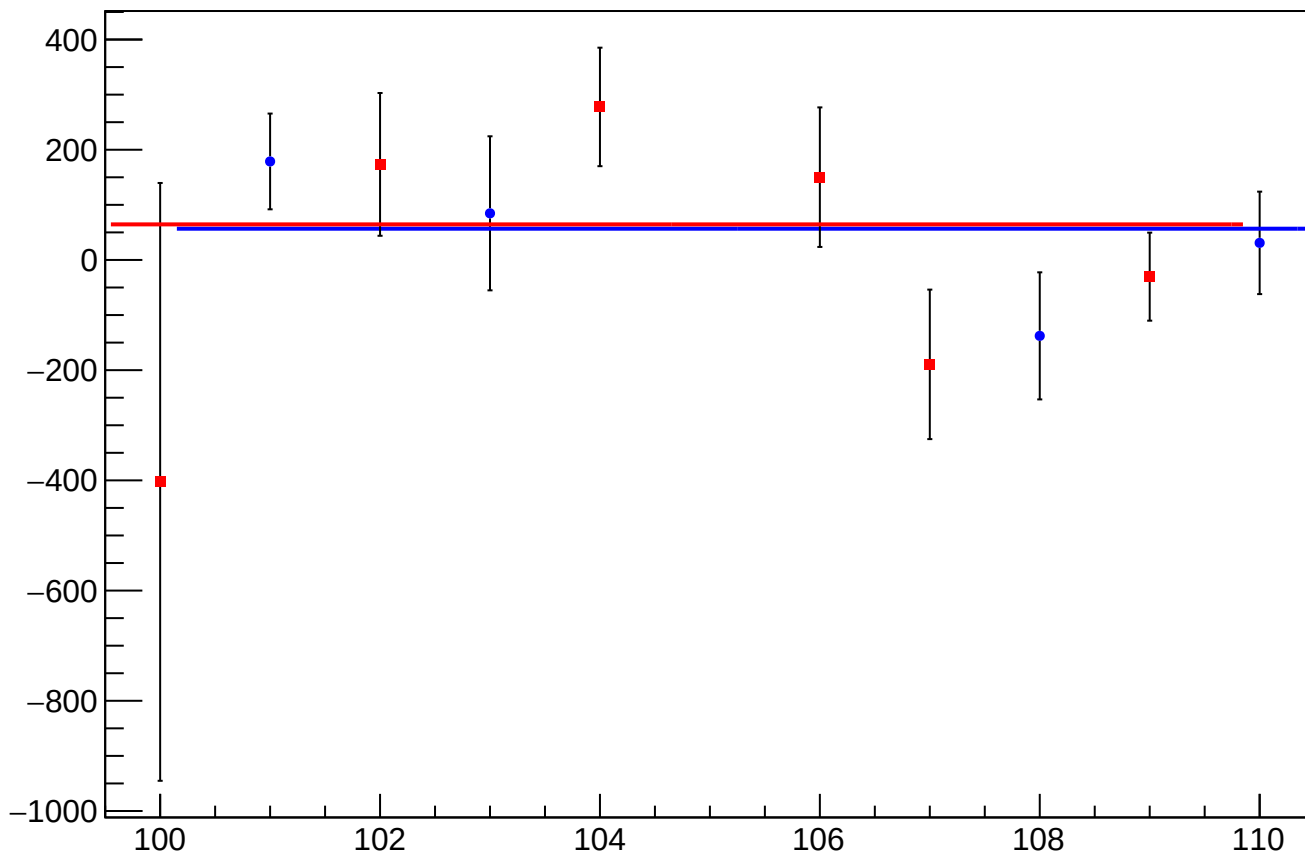
Right: 452.228+/-0.155 χ^2/NDF : 205637.3/9

In: 457.663+/-0.230 χ^2/NDF : 101915.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.228+/-0.155 χ^2/NDF : 205637.3/9

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 56.699+/-51.669 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.548+/-48.628 χ^2/NDF : 10.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

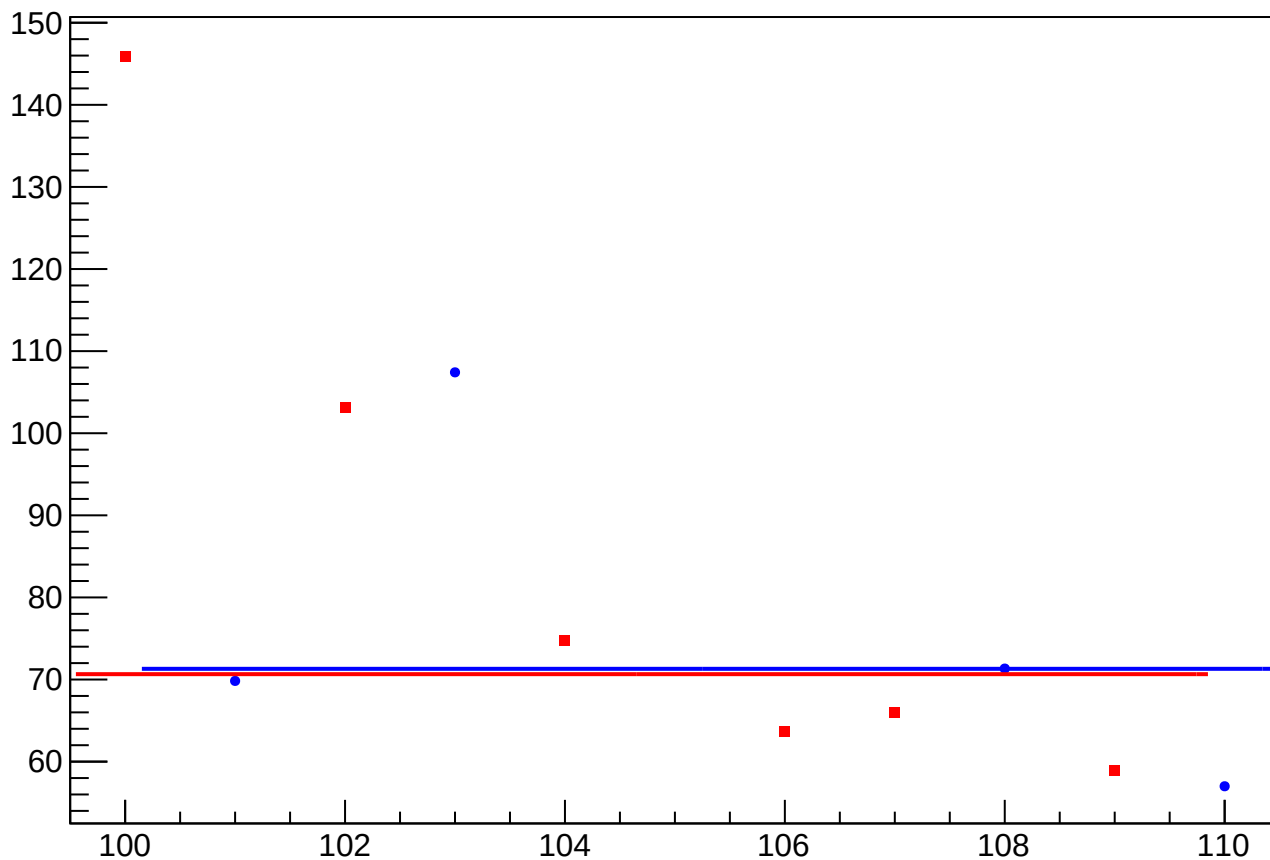
Right: 60.861+/-35.412 χ^2/NDF : 15.7/9

In: 56.699+/-51.669 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.861+/-35.412 χ^2/NDF : 15.7/9

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 71.305+/-0.037 χ^2/NDF : 181399.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.654+/-0.034 χ^2/NDF : 218920.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

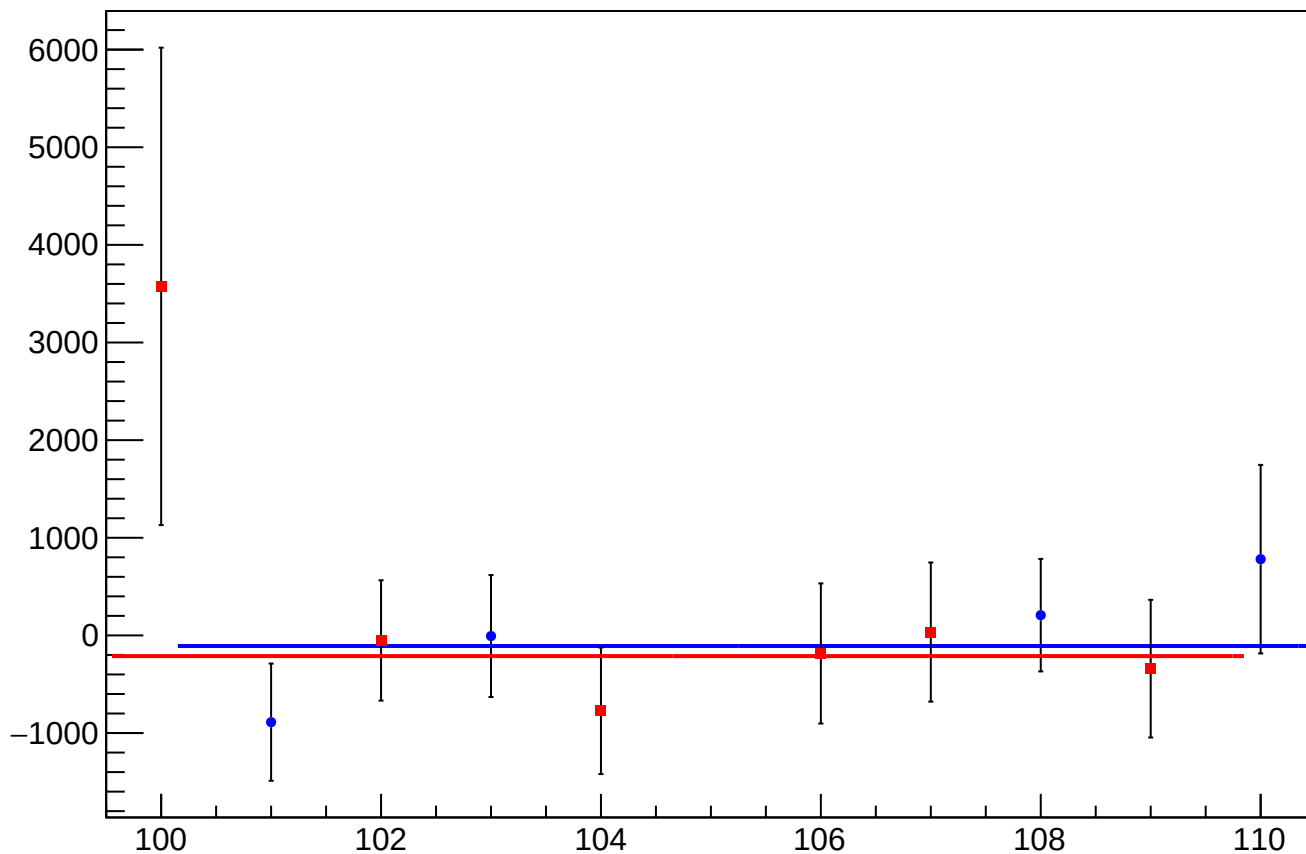
Right: 70.959+/-0.025 χ^2/NDF : 400488.9/9

In: 71.305+/-0.037 χ^2/NDF : 181399.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.959+/-0.025 χ^2/NDF : 400488.9/9

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -108.312+/-325.802 χ^2/NDF : 2.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -211.924+/-300.159 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

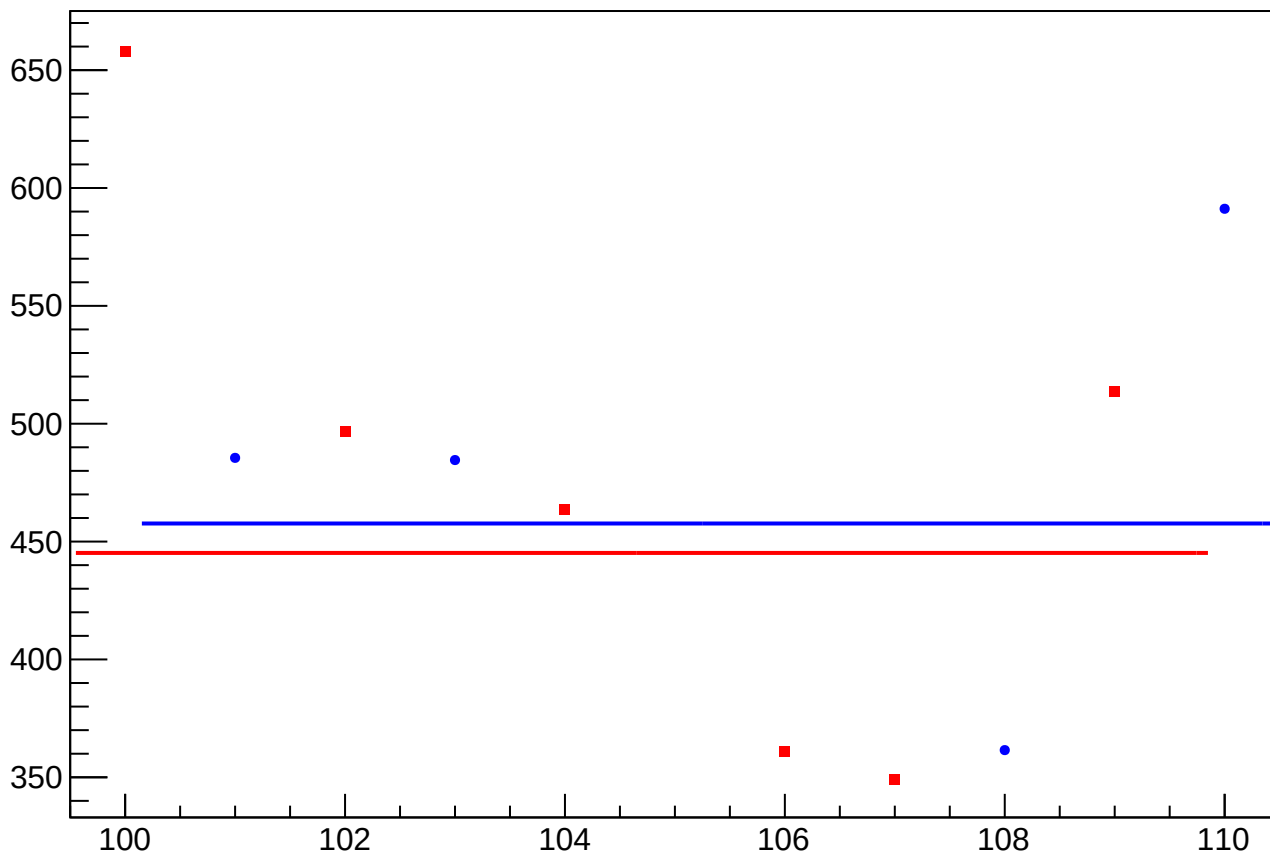
Right: -164.355+/-220.754 χ^2/NDF : 6.3/9

In: -108.312+/-325.802 χ^2/NDF : 2.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -164.355+/-220.754 χ^2/NDF : 6.3/9

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 457.671+/-0.230 χ^2/NDF : 101923.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.181+/-0.212 χ^2/NDF : 113643.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

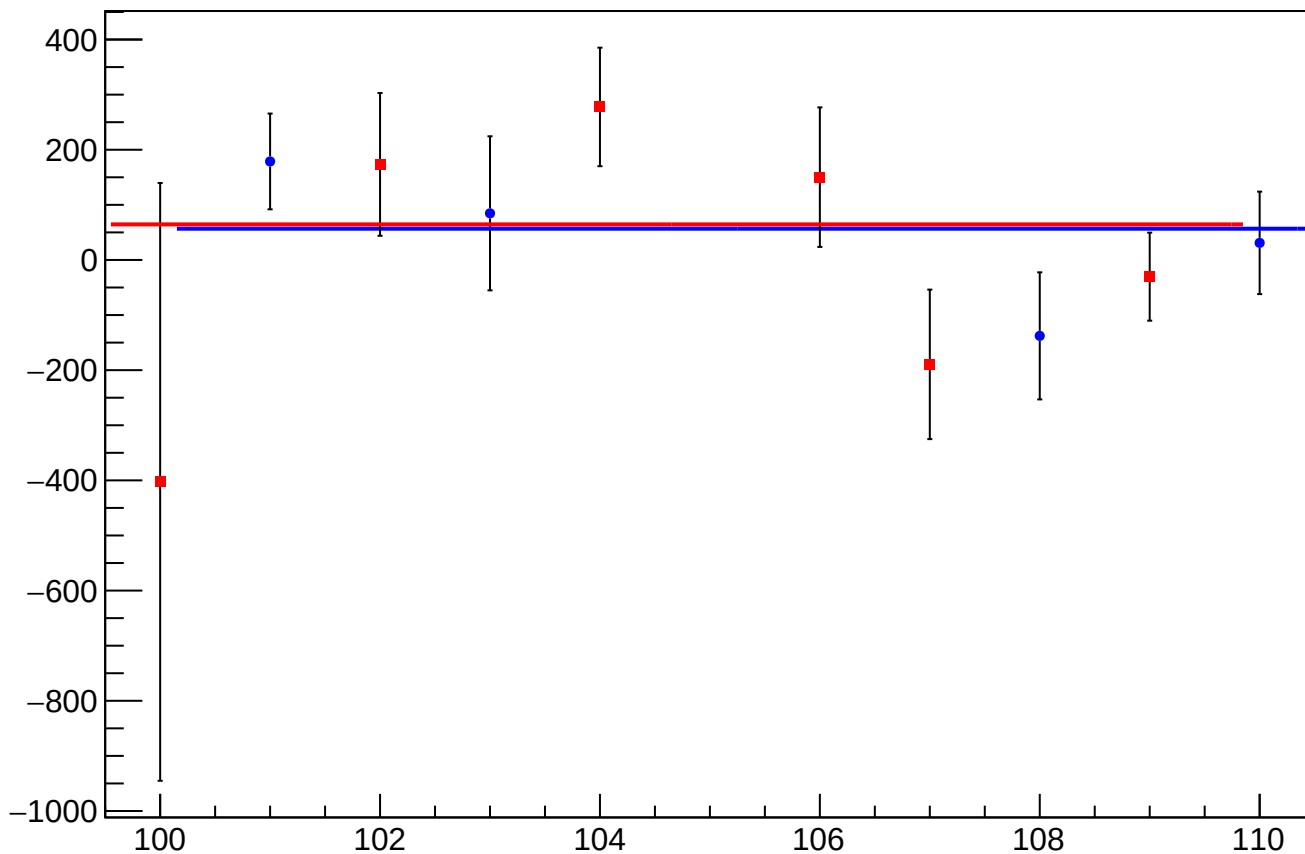
Right: 450.915+/-0.156 χ^2/NDF : 217156.7/9

In: 457.671+/-0.230 χ^2/NDF : 101923.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.915+/-0.156 χ^2/NDF : 217156.7/9

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 56.699+/-51.669 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.548+/-48.628 χ^2/NDF : 10.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

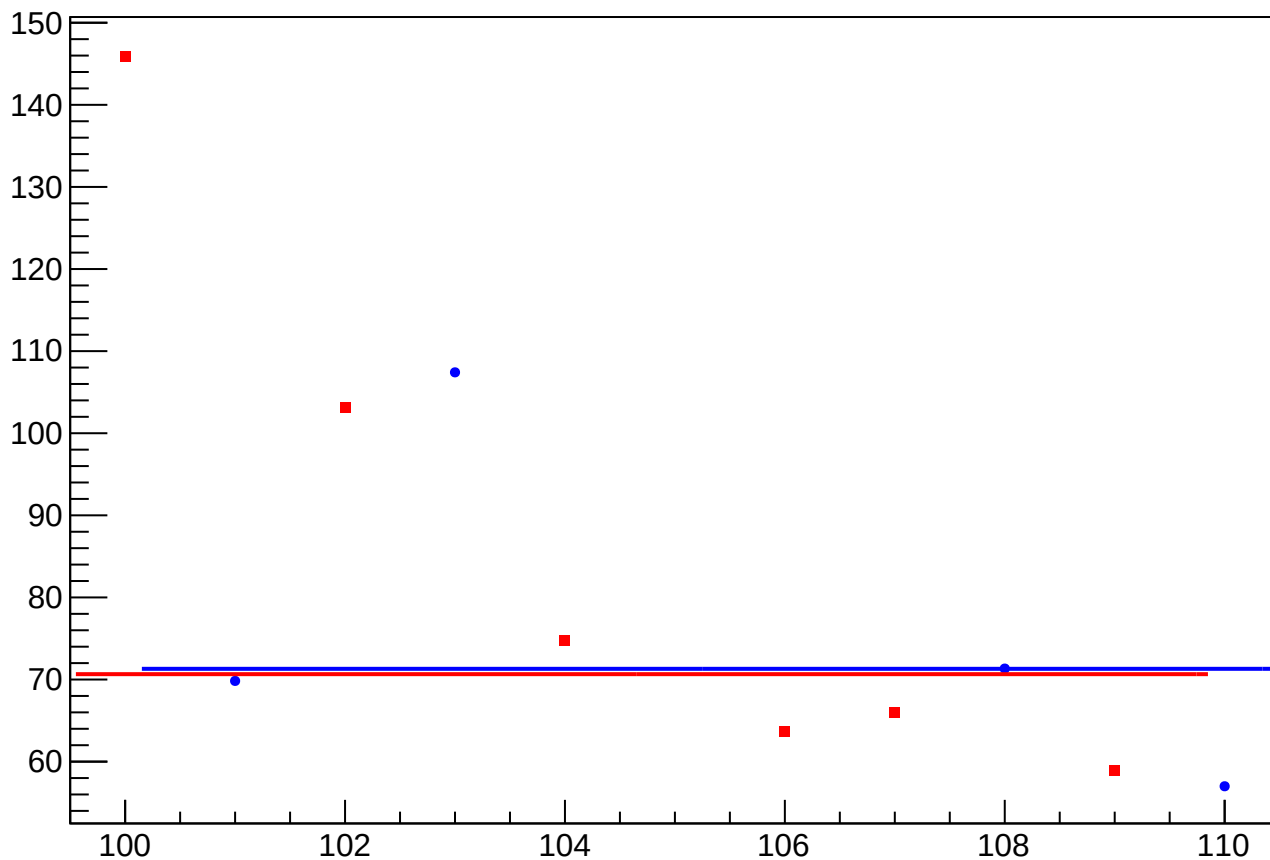
Right: 60.861+/-35.412 χ^2/NDF : 15.7/9

In: 56.699+/-51.669 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.861+/-35.412 χ^2/NDF : 15.7/9

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 71.305+/-0.037 χ^2/NDF : 181399.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.654+/-0.034 χ^2/NDF : 218920.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

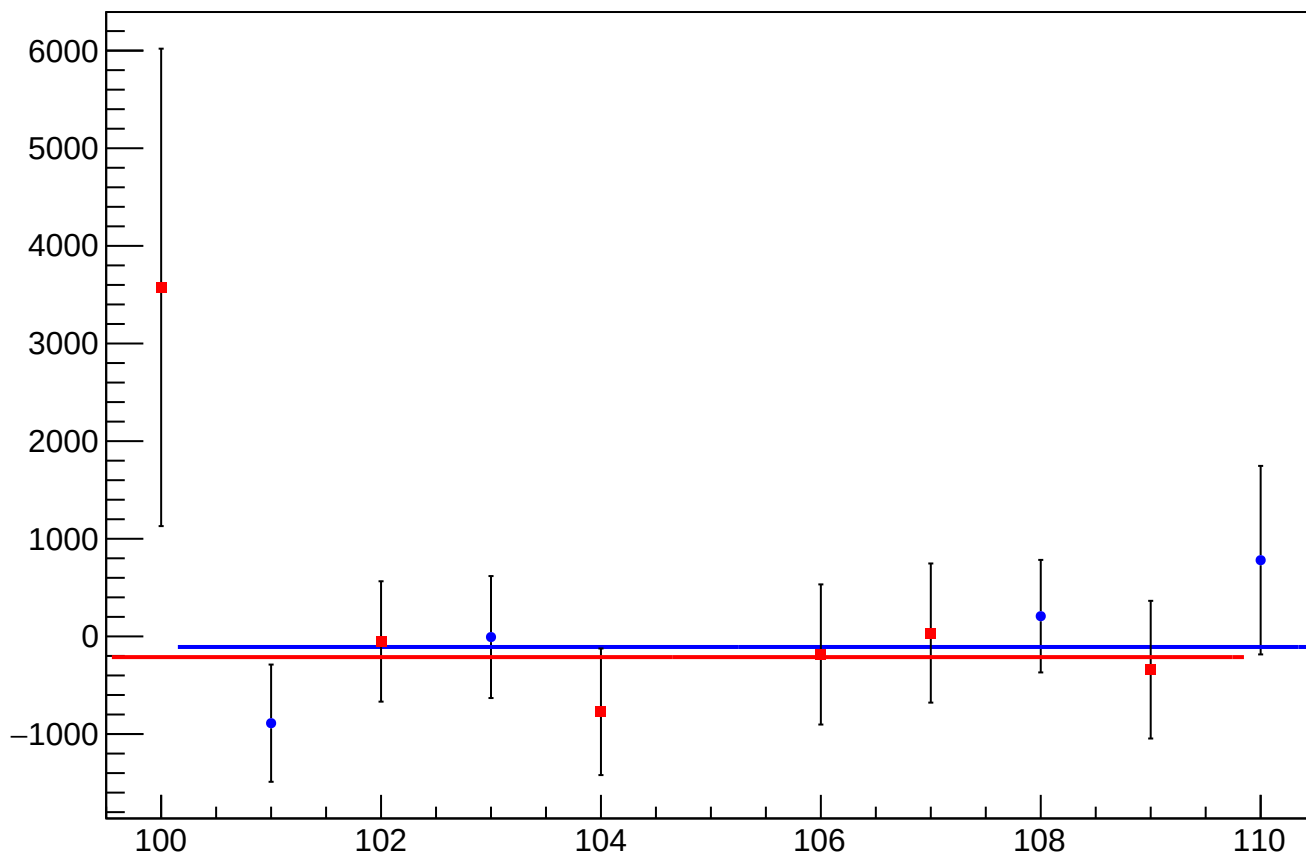
Right: 70.959+/-0.025 χ^2/NDF : 400488.9/9

In: 71.305+/-0.037 χ^2/NDF : 181399.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.959+/-0.025 χ^2/NDF : 400488.9/9

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -108.312+/-325.802 χ^2/NDF : 2.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -211.924+/-300.159 χ^2/NDF : 3.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

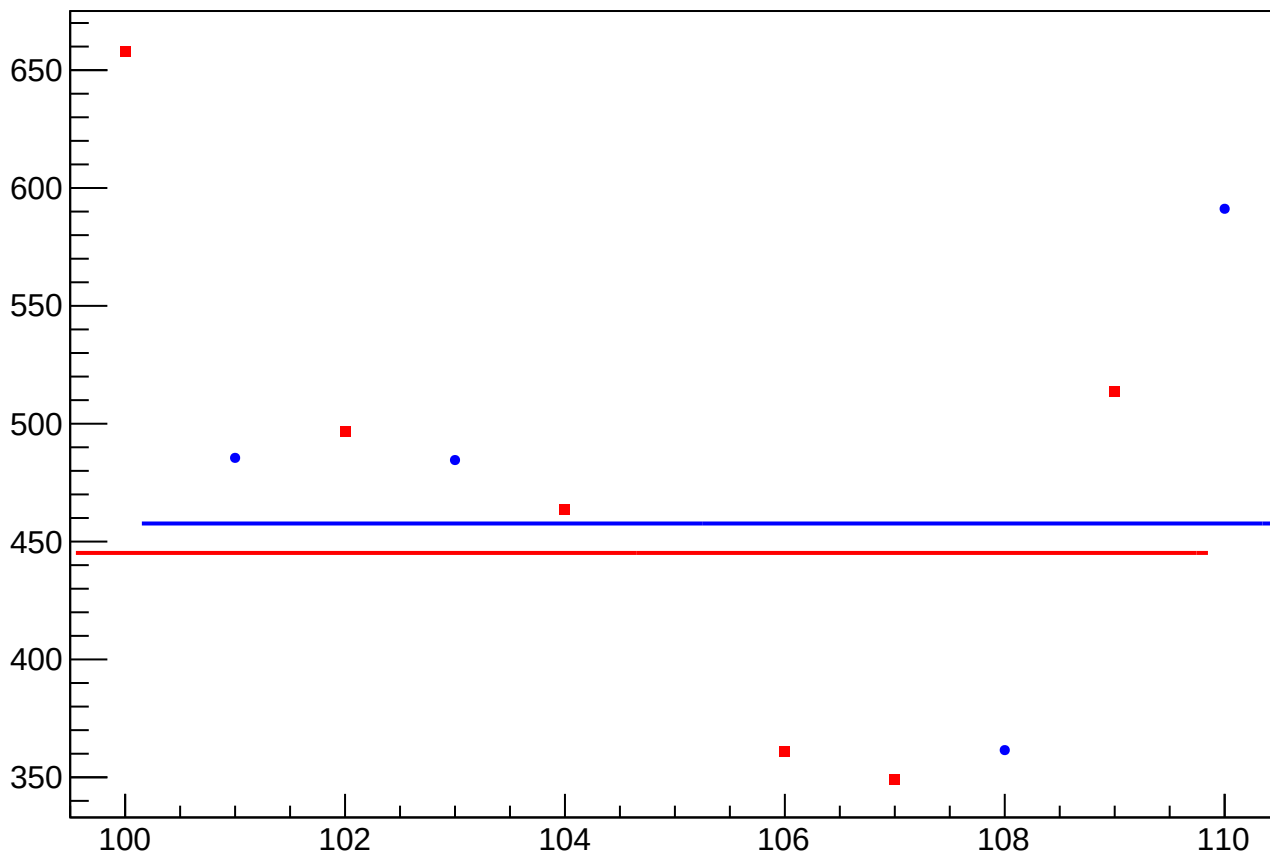
Right: -164.355+/-220.754 χ^2/NDF : 6.3/9

In: -108.312+/-325.802 χ^2/NDF : 2.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -164.355+/-220.754 χ^2/NDF : 6.3/9

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 457.671+/-0.230 χ^2/NDF : 101923.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.181+/-0.212 χ^2/NDF : 113643.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

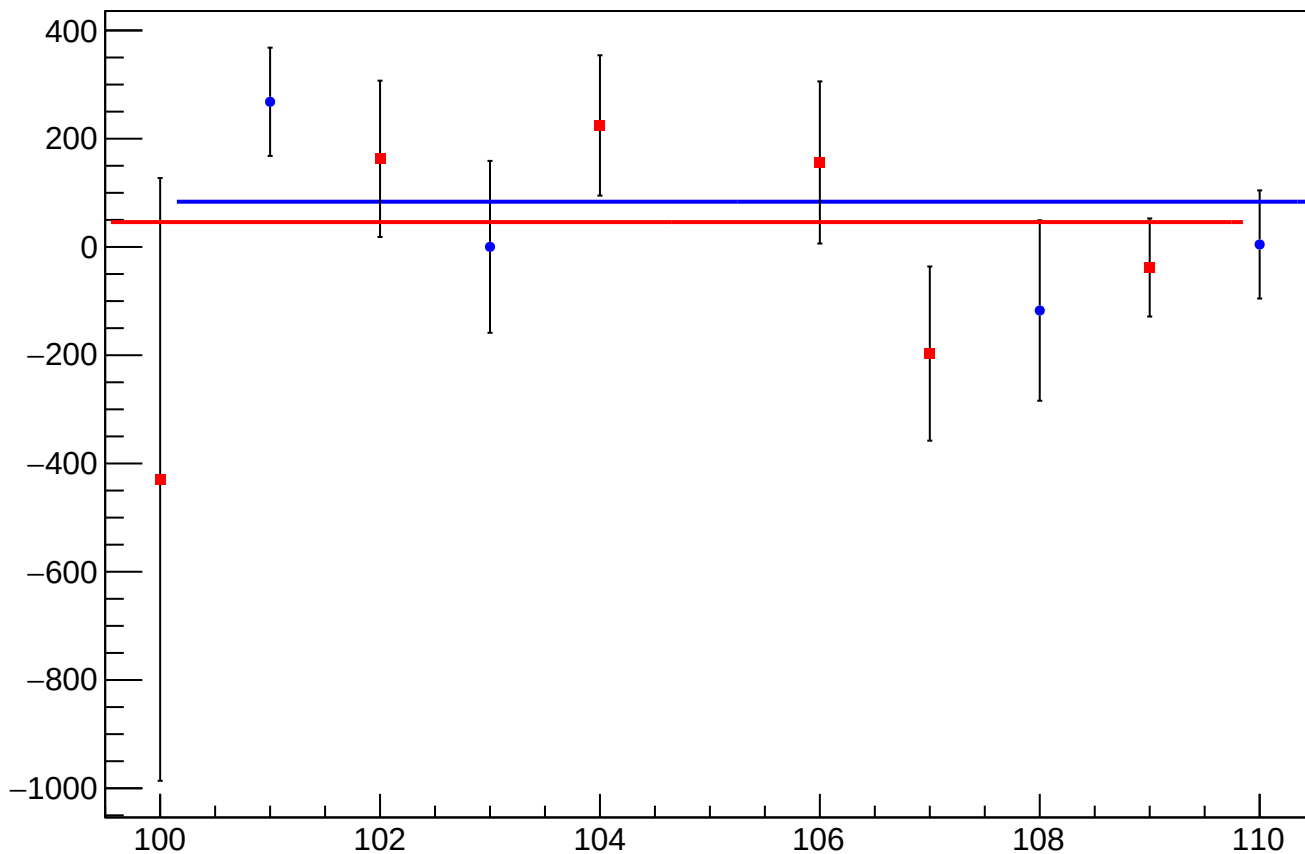
Right: 450.915+/-0.156 χ^2/NDF : 217156.7/9

In: 457.671+/-0.230 χ^2/NDF : 101923.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.915+/-0.156 χ^2/NDF : 217156.7/9

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 83.589 $\pm$ 60.204 χ^2 /NDF: 5.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.968 $\pm$ 56.282 χ^2 /NDF: 7.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

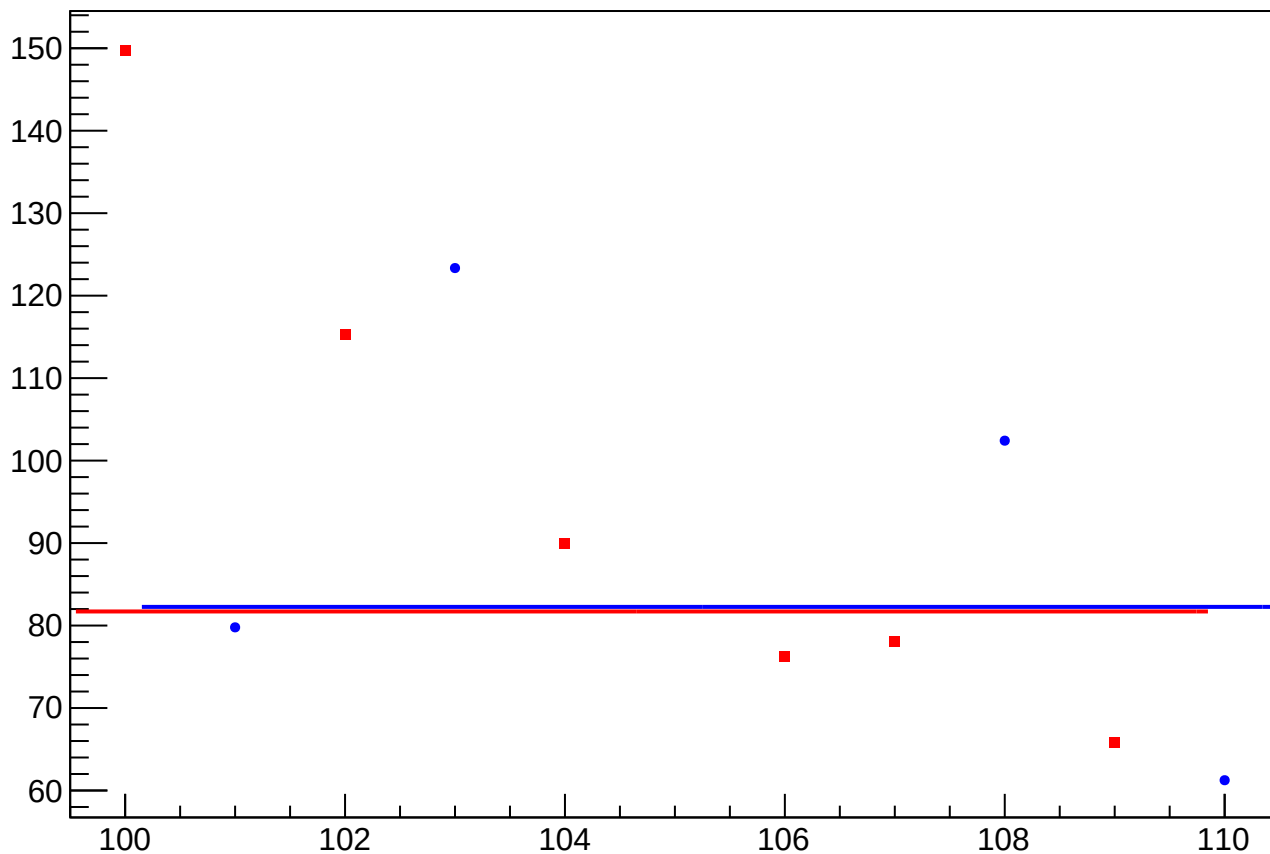
Right: 63.513 $\pm$ 41.114 χ^2 /NDF: 12.9/9

In: 83.589 $\pm$ 60.204 χ^2 /NDF: 5.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.513 $\pm$ 41.114 χ^2 /NDF: 12.9/9

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 82.263+/-0.043 χ^2/NDF : 252904.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.708+/-0.040 χ^2/NDF : 211123.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

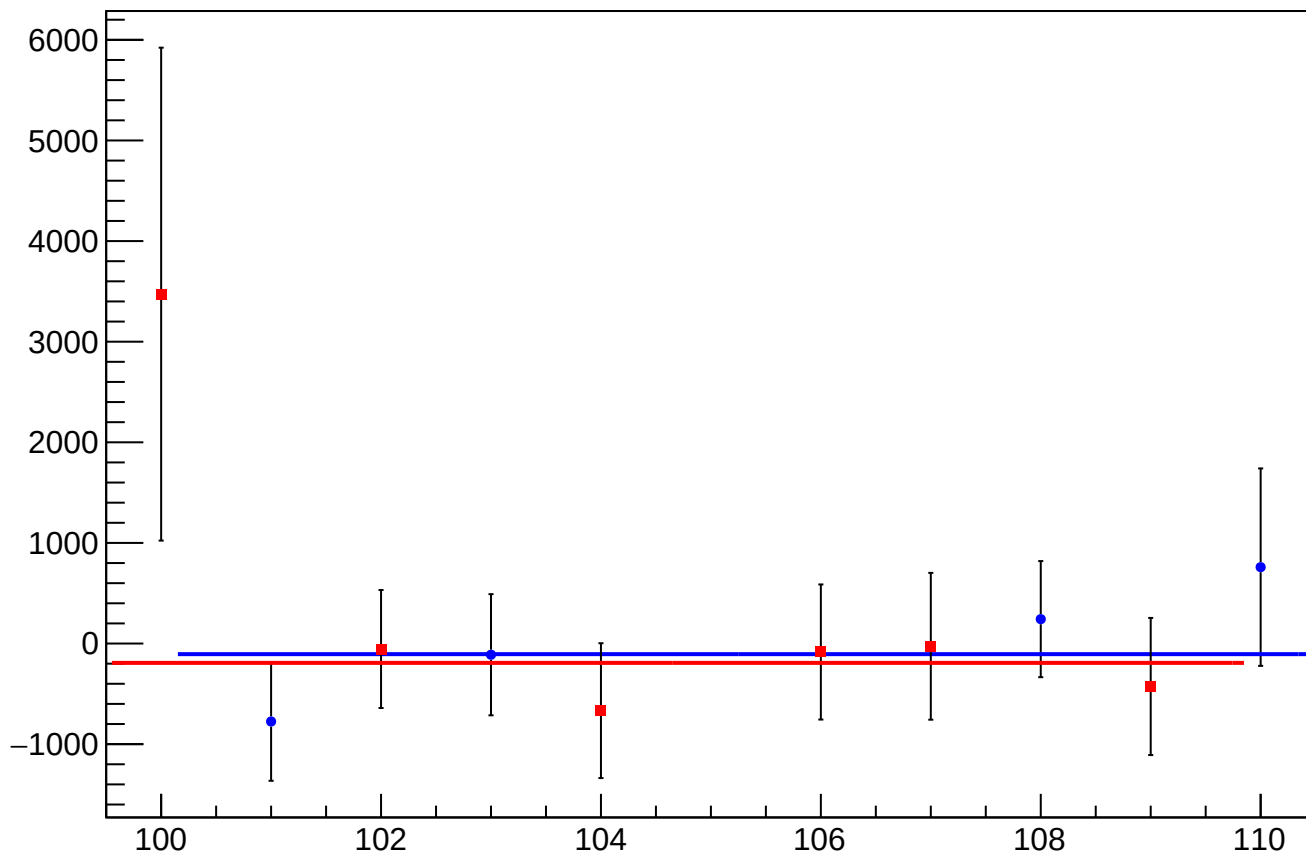
Right: 81.967+/-0.029 χ^2/NDF : 464118.8/9

In: 82.263+/-0.043 χ^2/NDF : 252904.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.967+/-0.029 χ^2/NDF : 464118.8/9

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -105.500+/-321.398 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -192.348+/-294.213 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

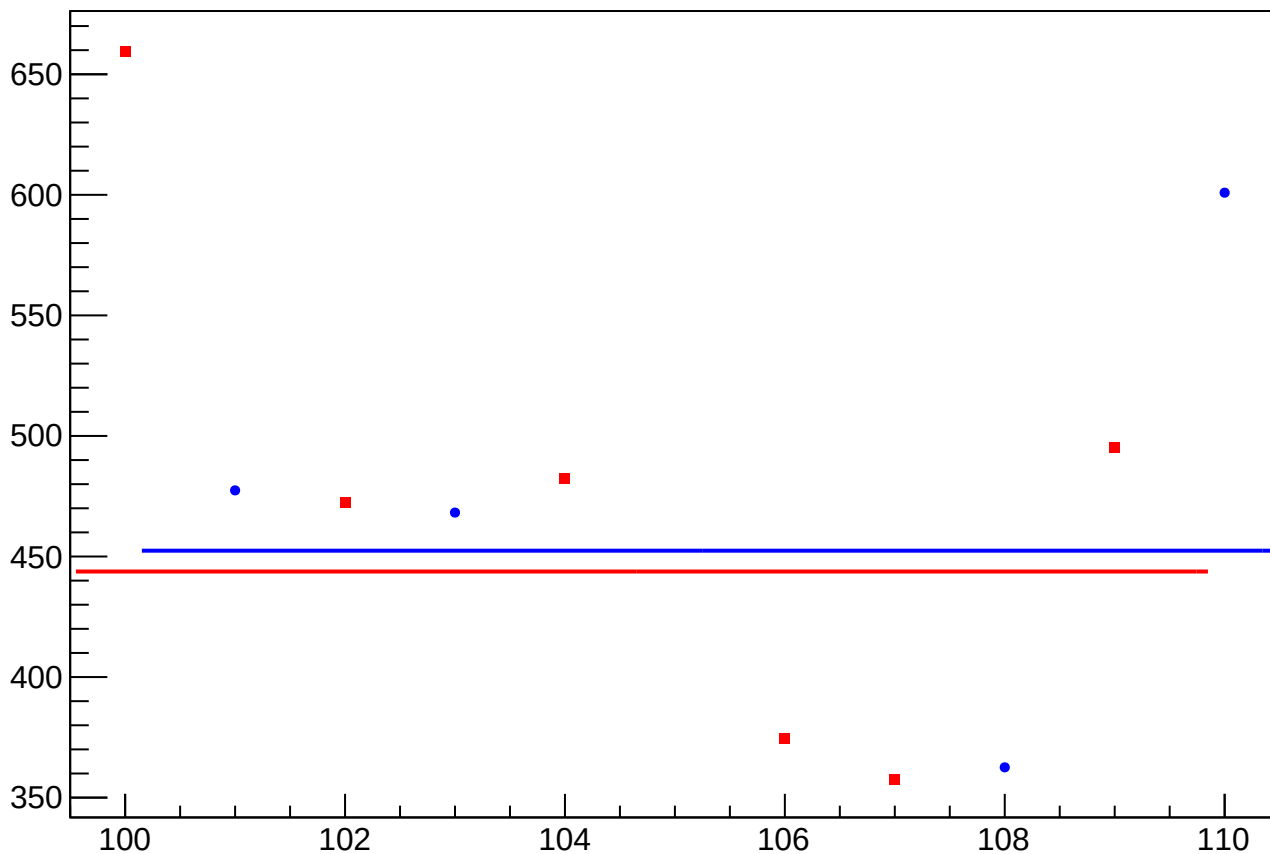
Right: -152.752+/-217.015 χ^2/NDF : 5.5/9

In: -105.500+/-321.398 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -152.752+/-217.015 χ^2/NDF : 5.5/9

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 452.412+/-0.227 χ^2/NDF : 99280.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.772+/-0.208 χ^2/NDF : 87582.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

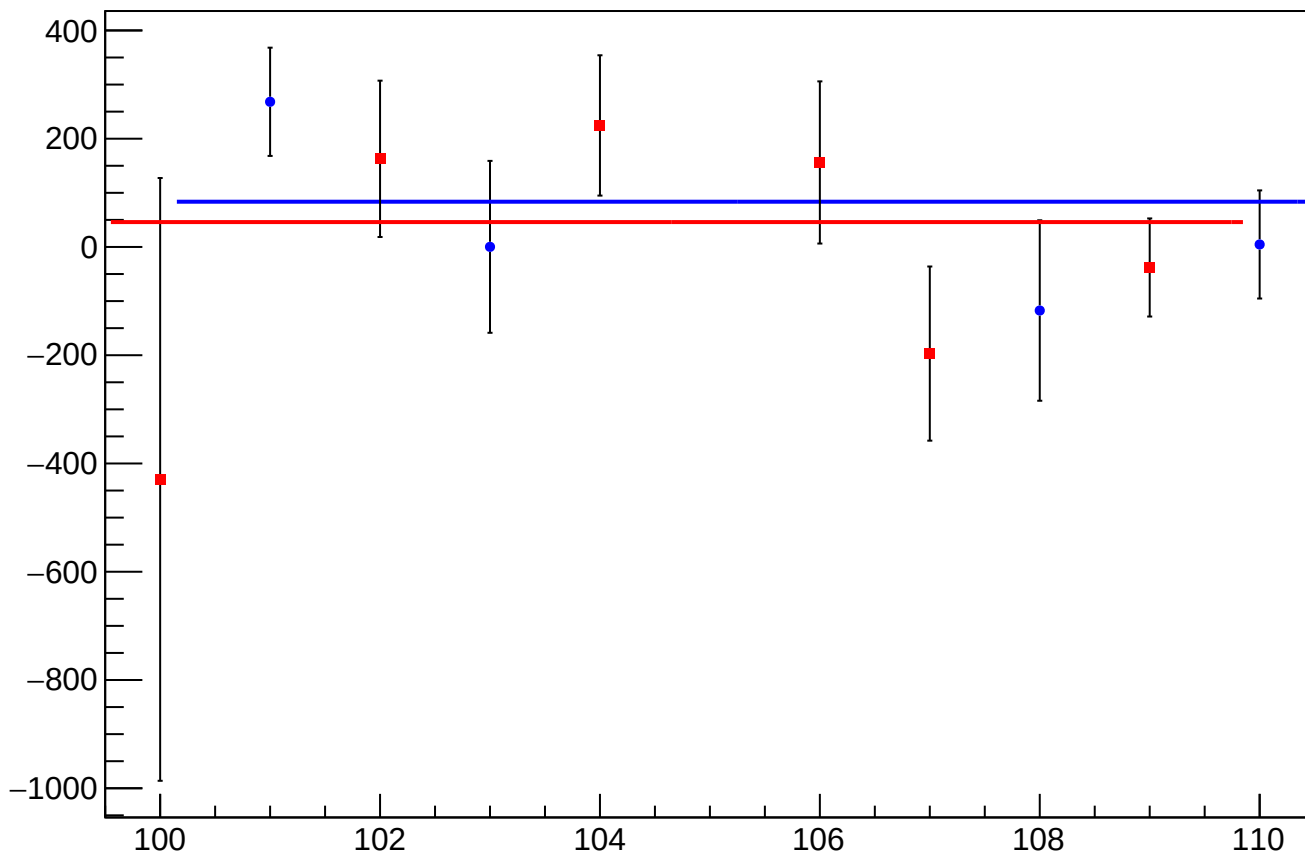
Right: 447.712+/-0.153 χ^2/NDF : 187648.7/9

In: 452.412+/-0.227 χ^2/NDF : 99280.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.712+/-0.153 χ^2/NDF : 187648.7/9

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 83.591 $\pm$ 60.204 χ^2 /NDF: 5.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.967 $\pm$ 56.282 χ^2 /NDF: 7.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

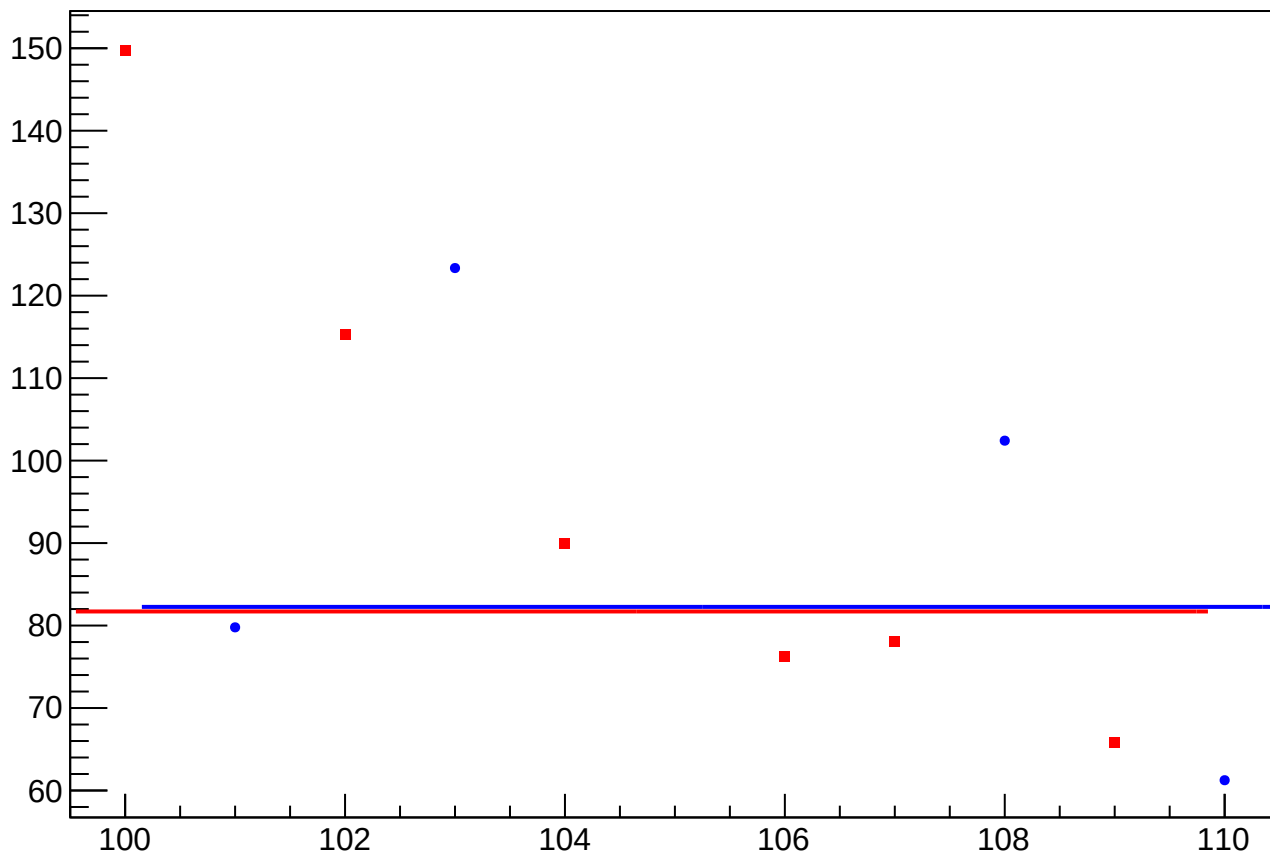
Right: 63.514 $\pm$ 41.114 χ^2 /NDF: 12.9/9

In: 83.591 $\pm$ 60.204 χ^2 /NDF: 5.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.514 $\pm$ 41.114 χ^2 /NDF: 12.9/9

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 82.263+/-0.043 χ^2/NDF : 252909.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.708+/-0.040 χ^2/NDF : 211122.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

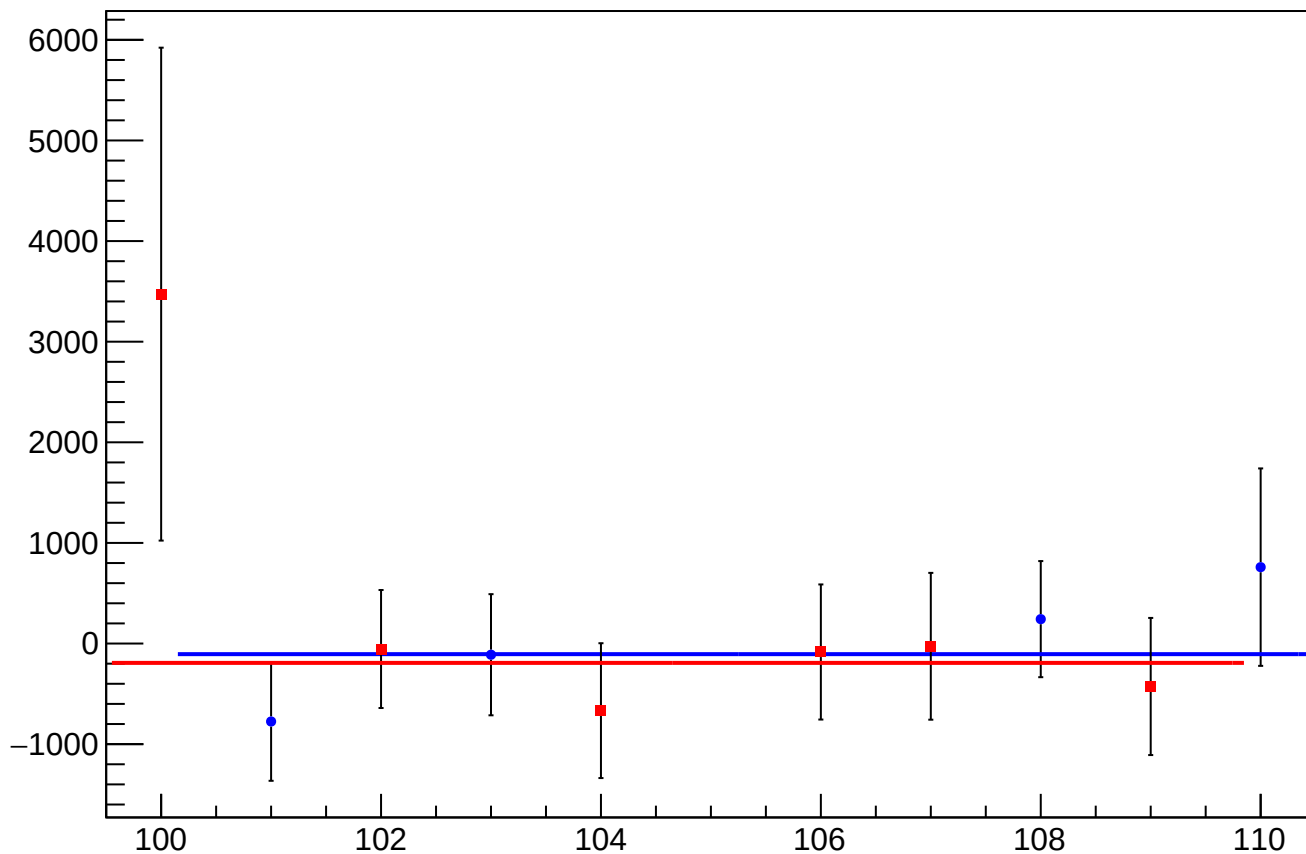
Right: 81.967+/-0.029 χ^2/NDF : 464123.0/9

In: 82.263+/-0.043 χ^2/NDF : 252909.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.967+/-0.029 χ^2/NDF : 464123.0/9

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -105.500+/-321.397 χ^2/NDF : 2.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -192.349+/-294.212 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

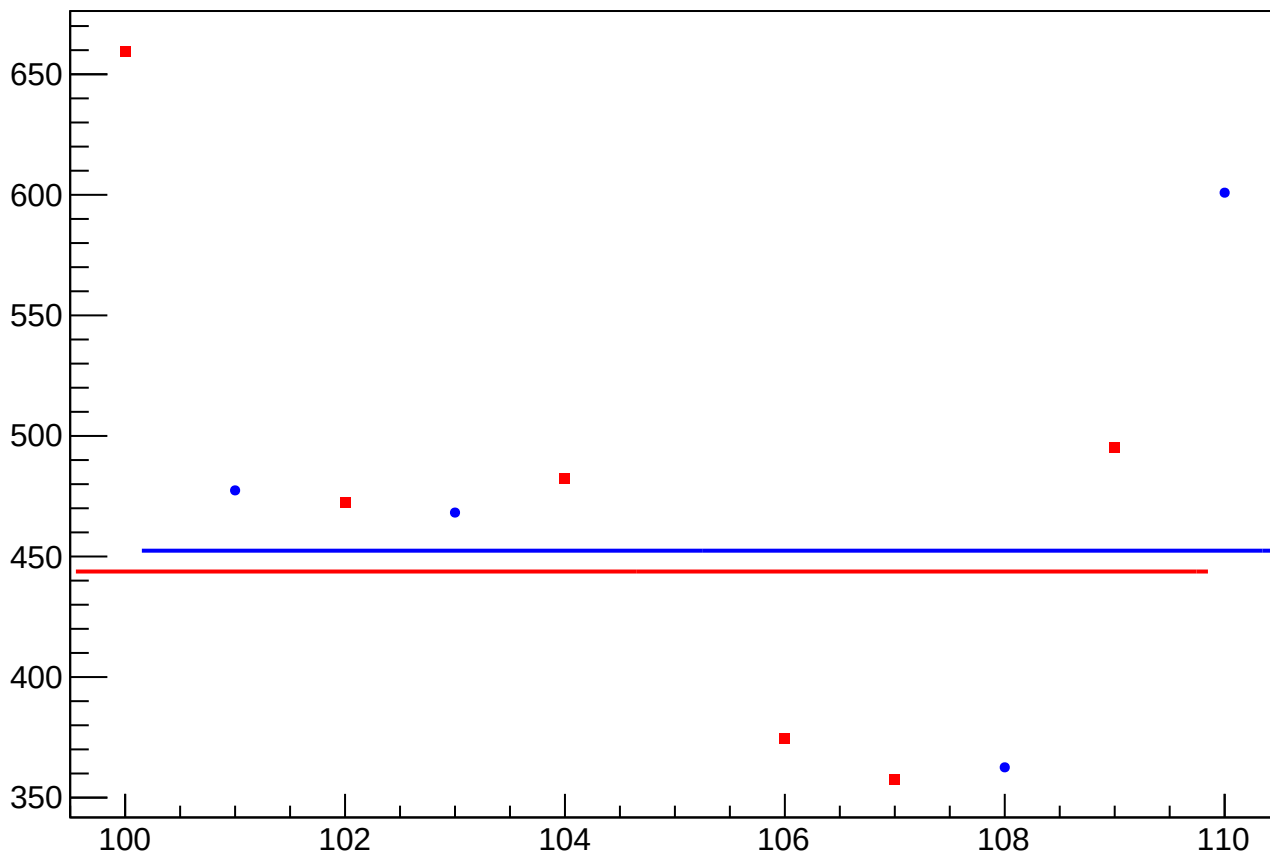
Right: -152.752+/-217.015 χ^2/NDF : 5.5/9

In: -105.500+/-321.397 χ^2/NDF : 2.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -152.752+/-217.015 χ^2/NDF : 5.5/9

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 452.411+/-0.227 χ^2/NDF : 99279.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.771+/-0.208 χ^2/NDF : 87580.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

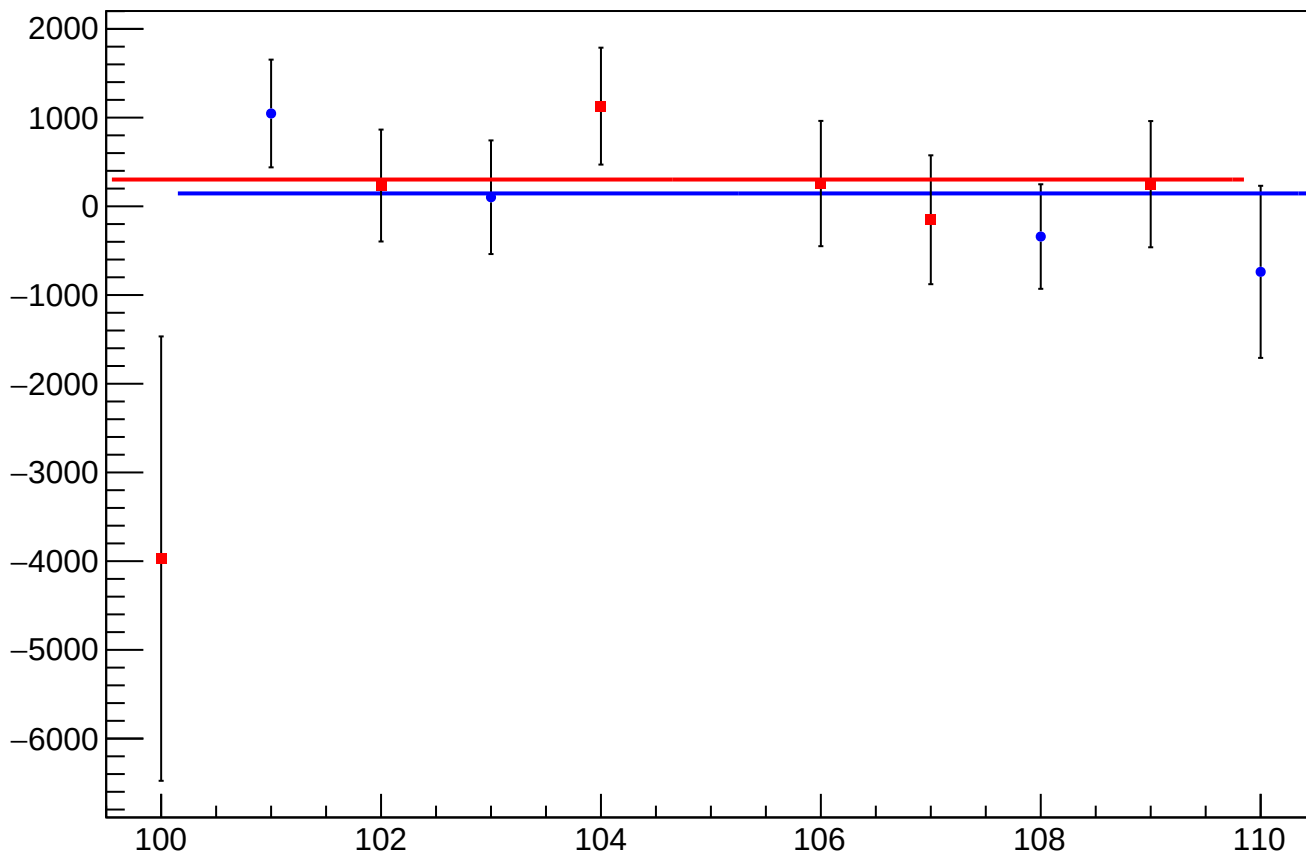
Right: 447.710+/-0.153 χ^2/NDF : 187647.0/9

In: 452.411+/-0.227 χ^2/NDF : 99279.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.710+/-0.153 χ^2/NDF : 187647.0/9

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 145.406+/-331.648 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.027+/-303.559 χ^2/NDF : 4.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

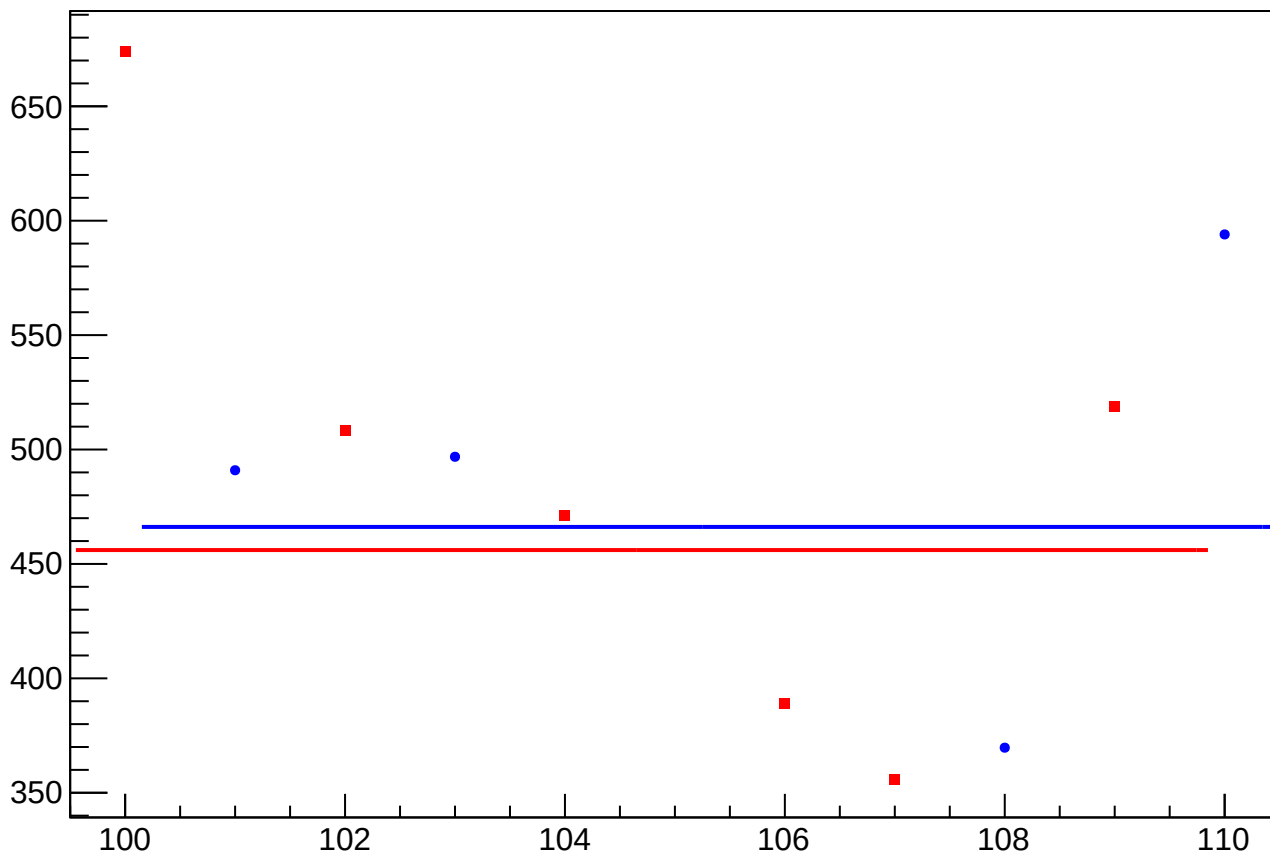
Right: 230.629+/-223.922 χ^2/NDF : 8.7/9

In: 145.406+/-331.648 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.629+/-223.922 χ^2/NDF : 8.7/9

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 466.176+/-0.235 χ^2/NDF : 96234.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 456.065+/-0.215 χ^2/NDF : 101696.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

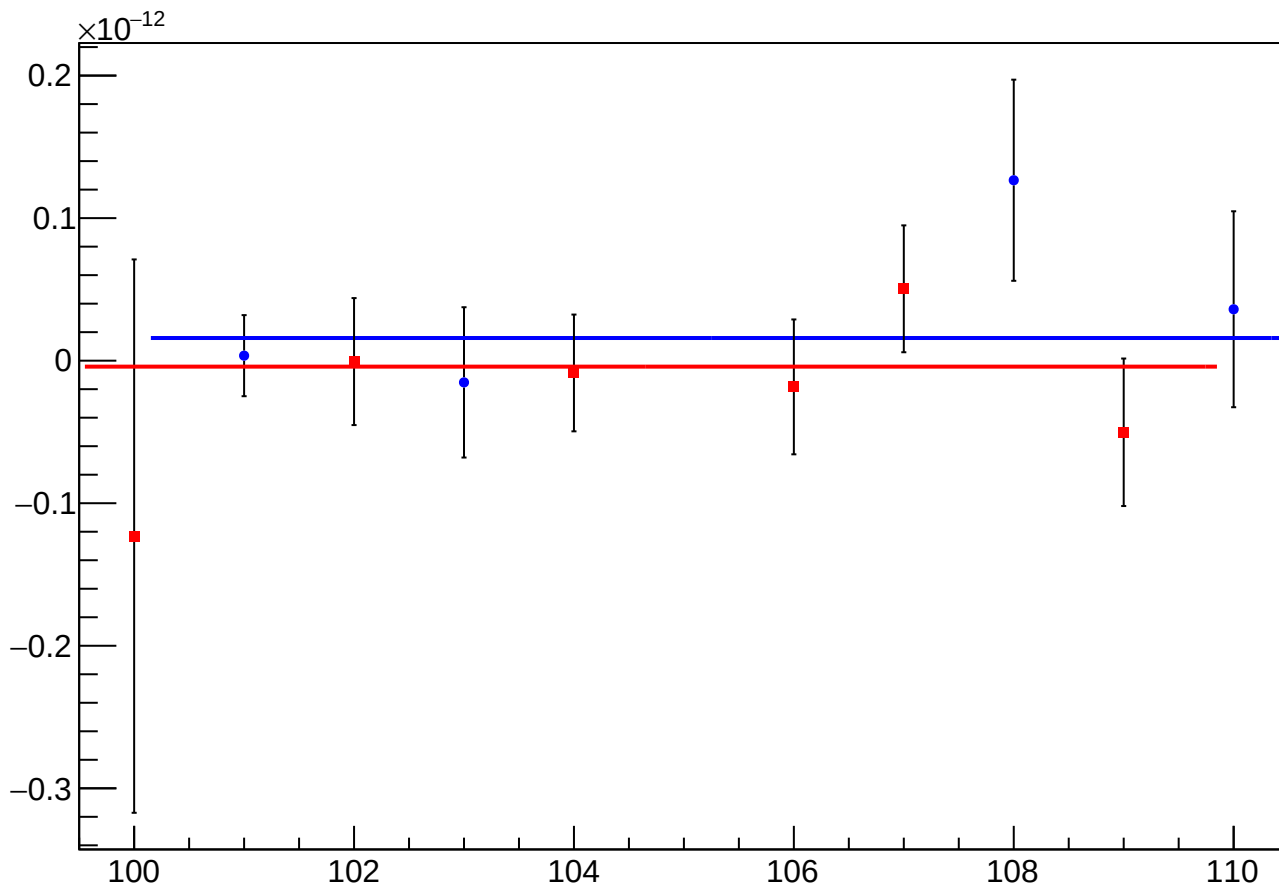
Right: 460.674+/-0.158 χ^2/NDF : 198941.8/9

In: 466.176+/-0.235 χ^2/NDF : 96234.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.674+/-0.158 χ^2/NDF : 198941.8/9

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

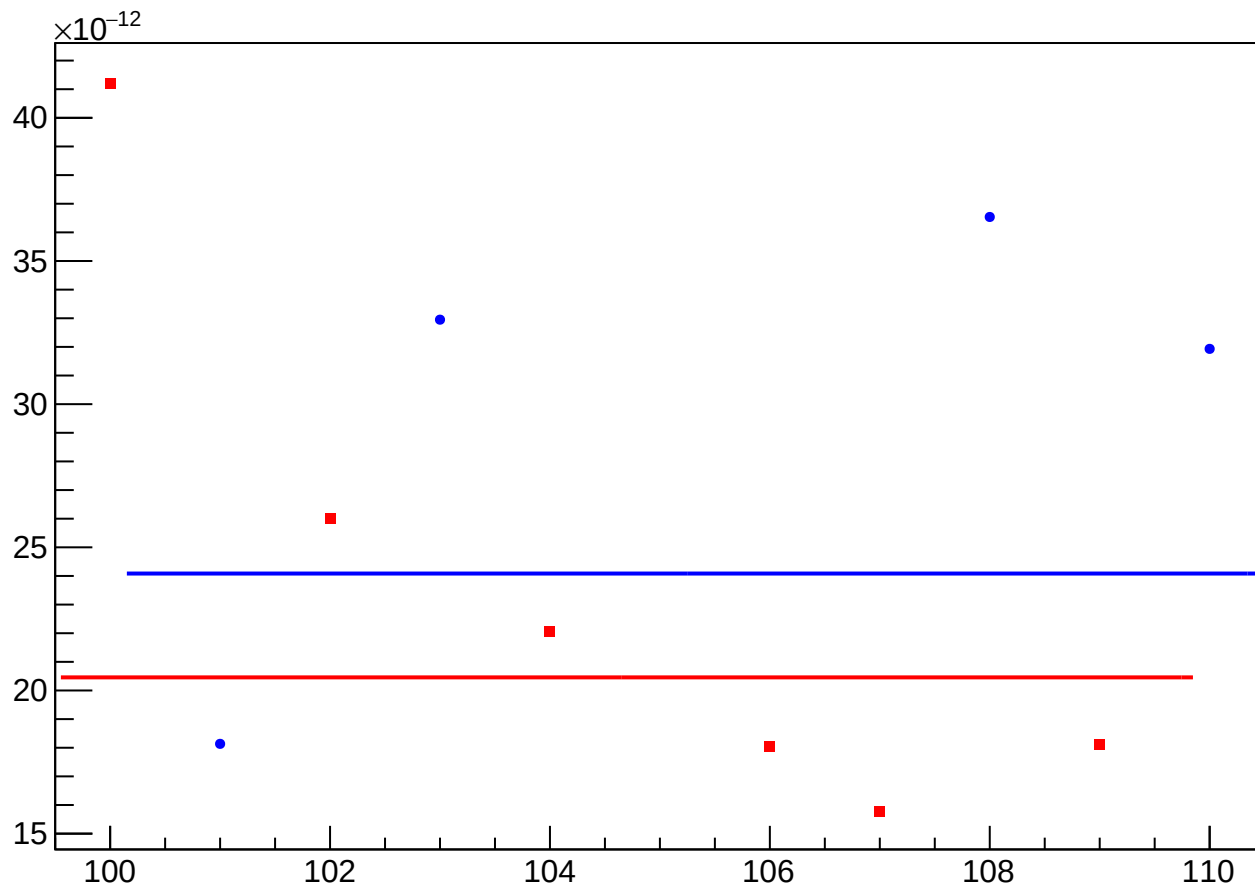
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.3/9

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.3/9

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 232416.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 88609.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

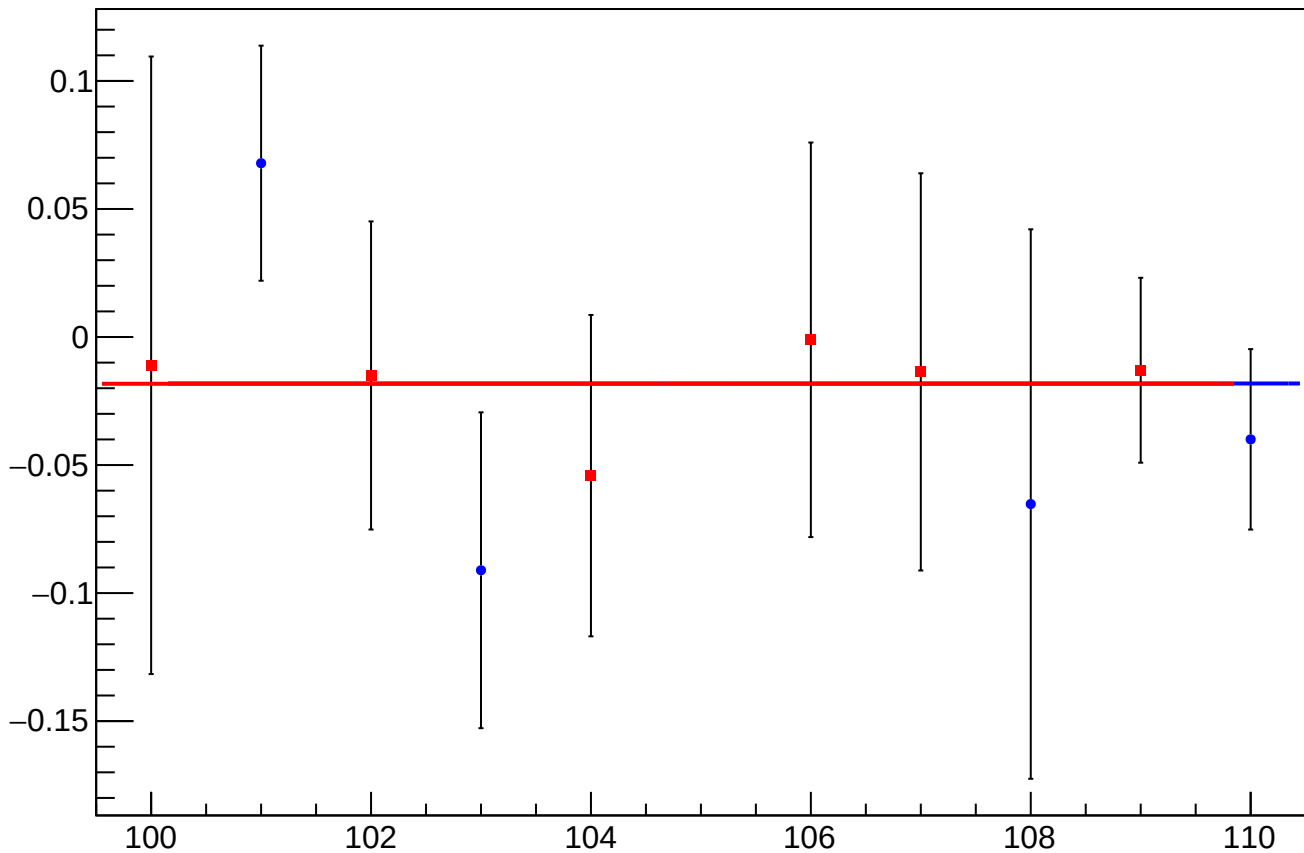
Right: 0.000+/-0.000 χ^2/NDF : 350069.6/9

In: 0.000+/-0.000 χ^2/NDF : 232416.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 350069.6/9

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.025 χ^2 /NDF: 5.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.018+/-0.024 χ^2 /NDF: 0.4/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

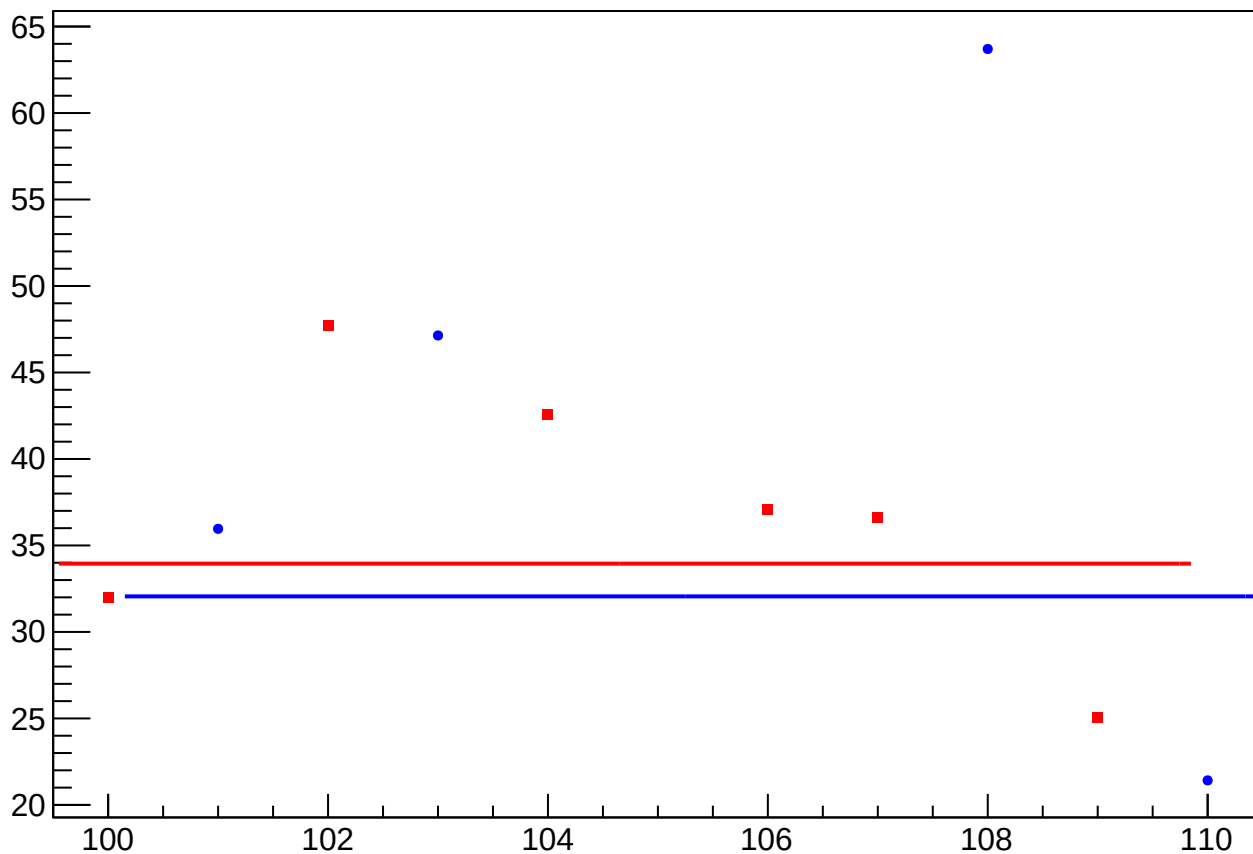
Right: -0.018+/-0.017 χ^2 /NDF: 5.9/9

In: -0.018+/-0.025 χ^2 /NDF:5.5/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.018+/-0.017 χ^2 /NDF: 5.9/9

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.056+/-0.018 χ^2/NDF : 490410.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.949+/-0.017 χ^2/NDF : 271178.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

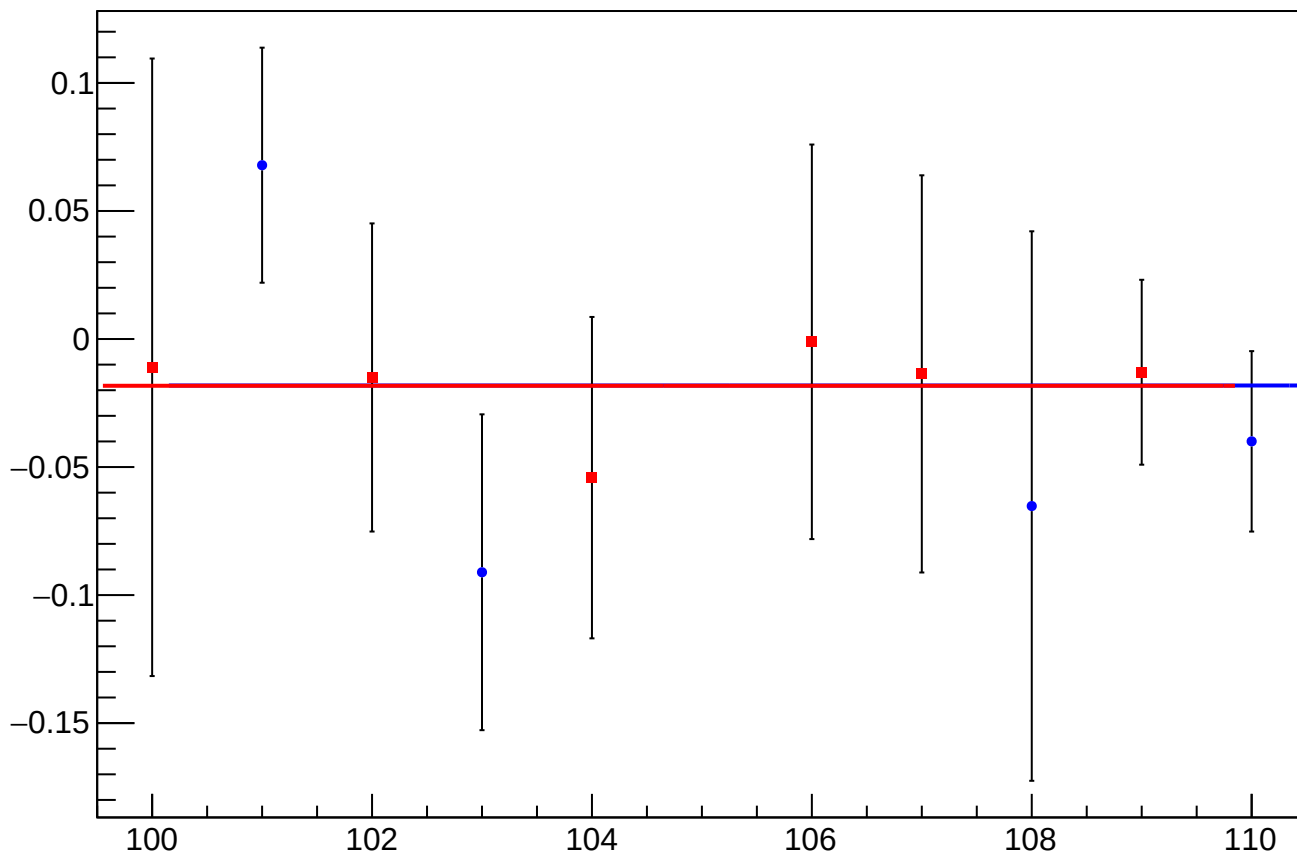
Right: 33.023+/-0.012 χ^2/NDF : 767556.0/9

In: 32.056+/-0.018 χ^2/NDF : 490410.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.023+/-0.012 χ^2/NDF : 767556.0/9

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.025 χ^2/NDF : 5.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.018+/-0.024 χ^2/NDF : 0.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

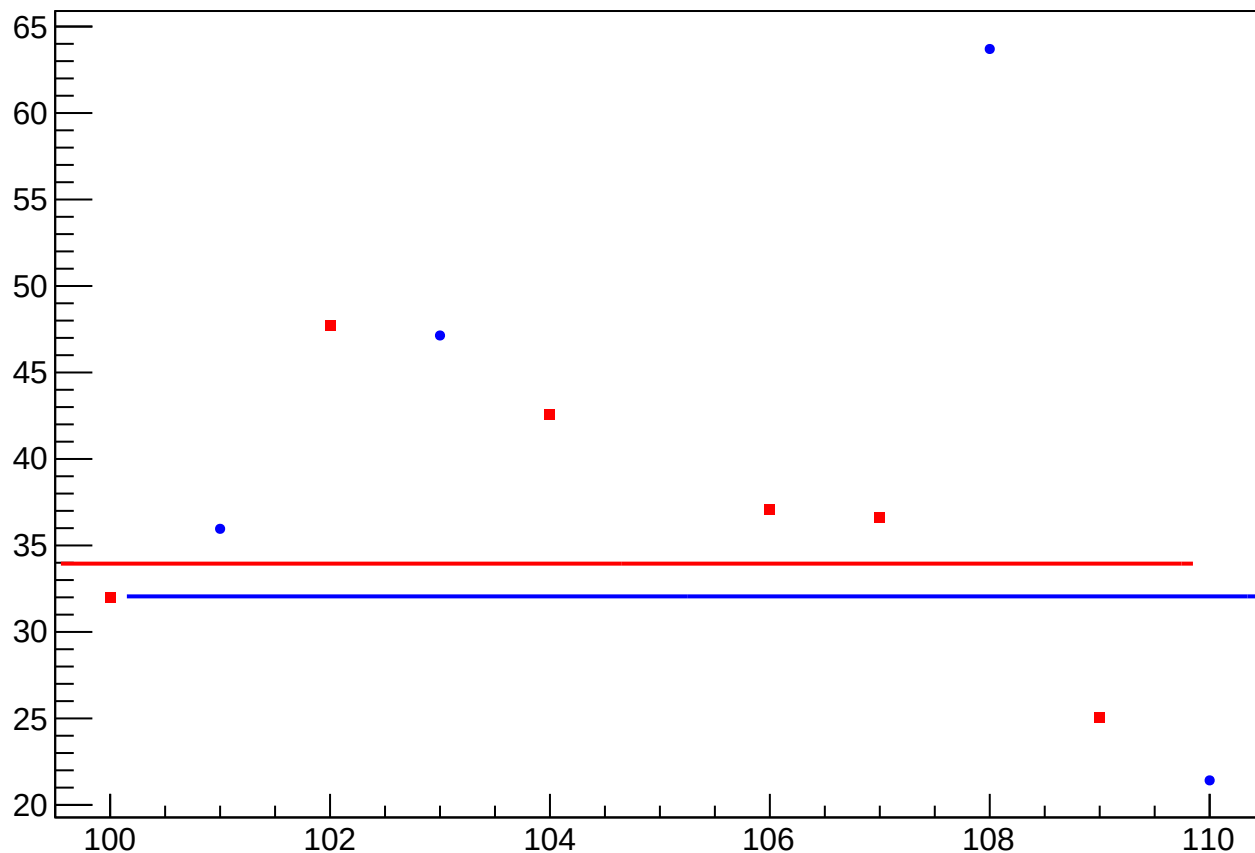
Right: -0.018+/-0.017 χ^2/NDF : 5.9/9

In: -0.018+/-0.025 χ^2/NDF :5.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.018+/-0.017 χ^2/NDF : 5.9/9

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.056+/-0.018 χ^2/NDF : 490410.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.949+/-0.017 χ^2/NDF : 271178.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

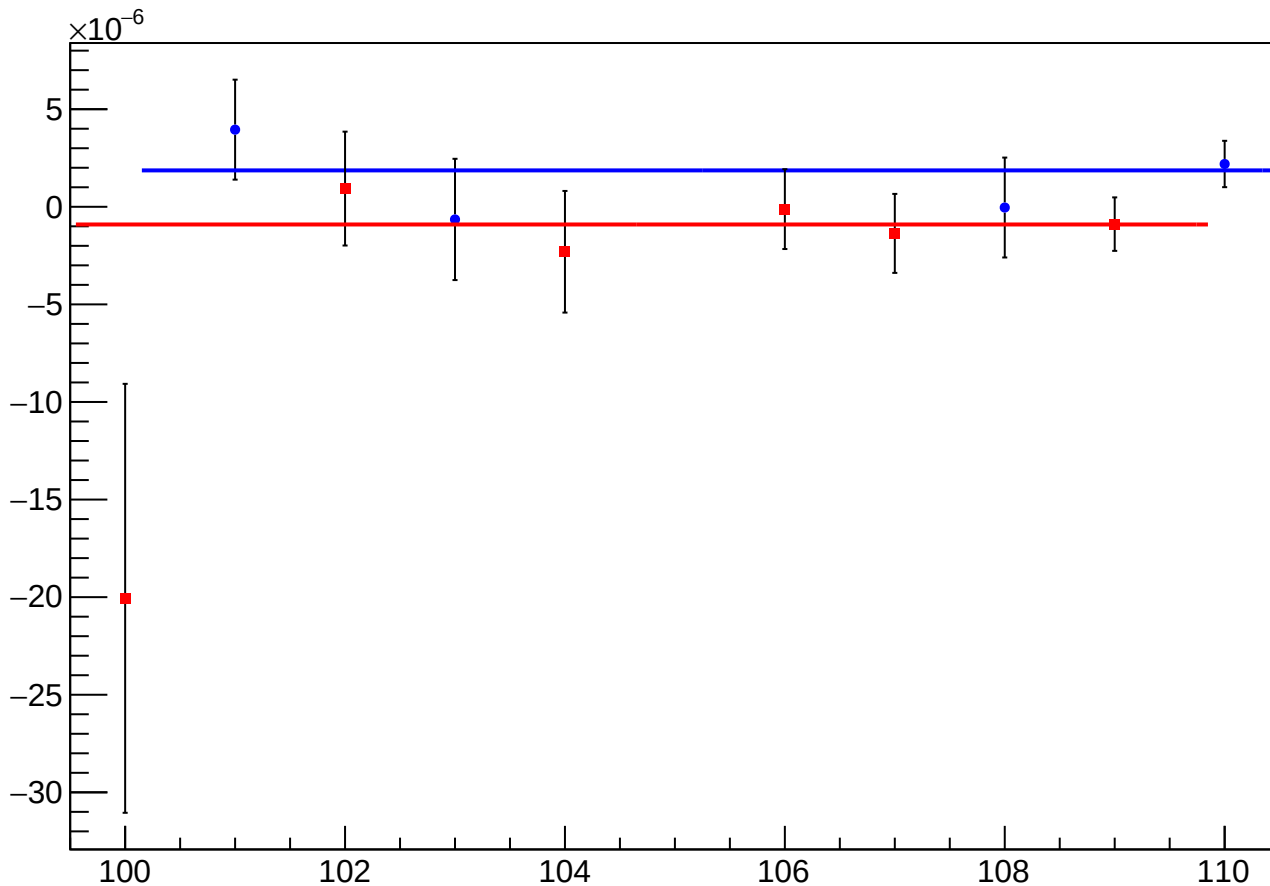
Right: 33.023+/-0.012 χ^2/NDF : 767556.0/9

In: 32.056+/-0.018 χ^2/NDF : 490410.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.023+/-0.012 χ^2/NDF : 767556.0/9

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

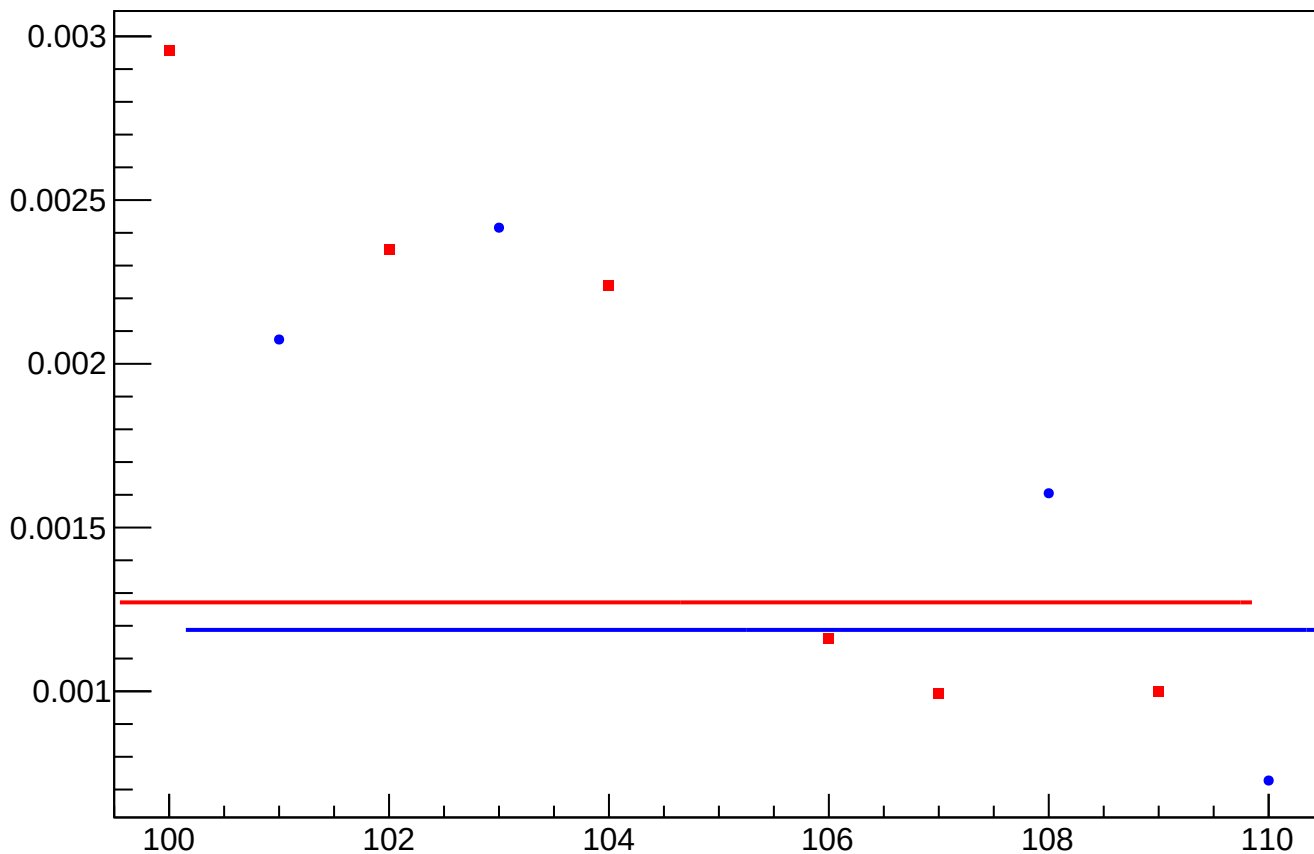
Right: 0.000+/-0.000 χ^2/NDF : 10.3/9

In: 0.000+/-0.000 χ^2/NDF : 1.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.3/9

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 905822.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 636184.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

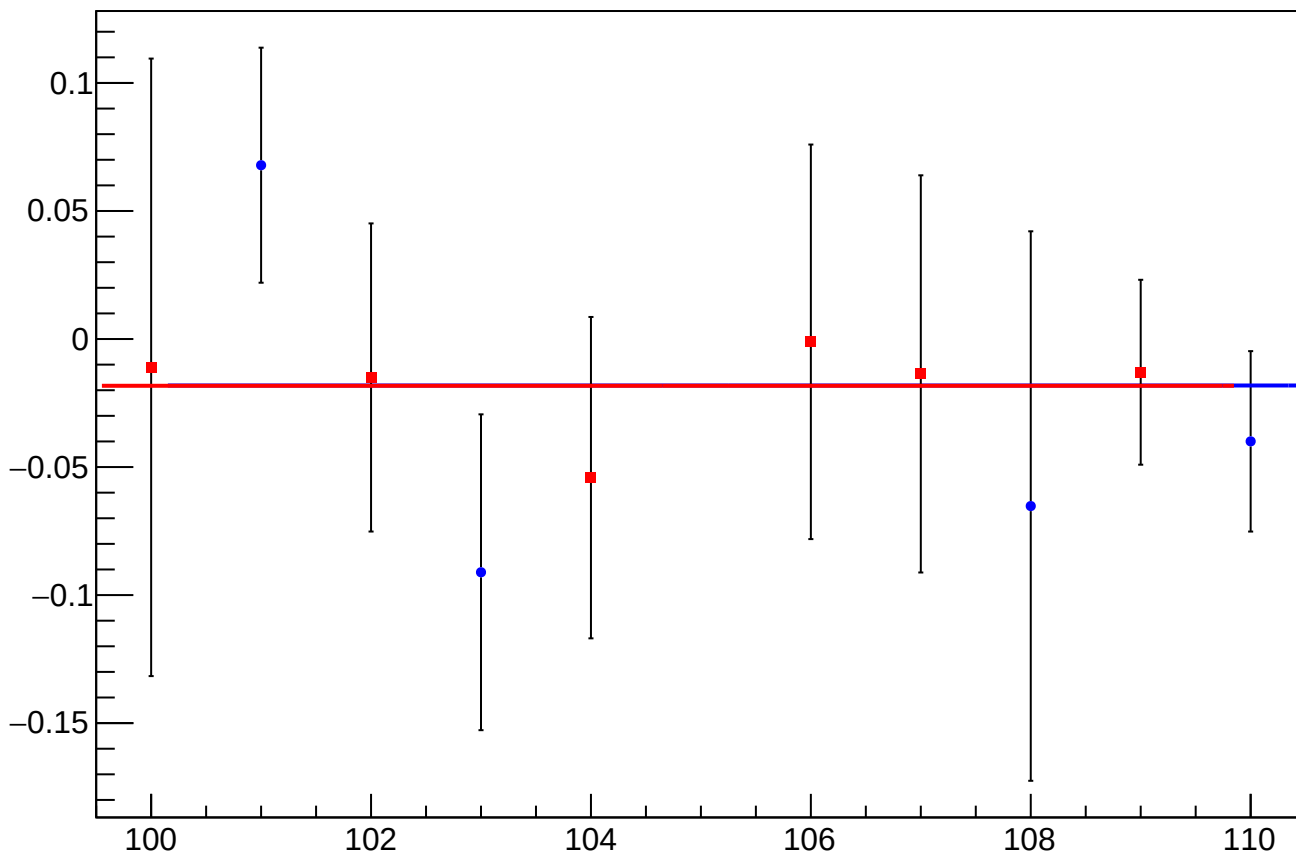
Right: 0.001+/-0.000 χ^2/NDF : 1550326.9/9

In: 0.001+/-0.000 χ^2/NDF : 905822.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1550326.9/9

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.025 χ^2/NDF : 5.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.018+/-0.024 χ^2/NDF : 0.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

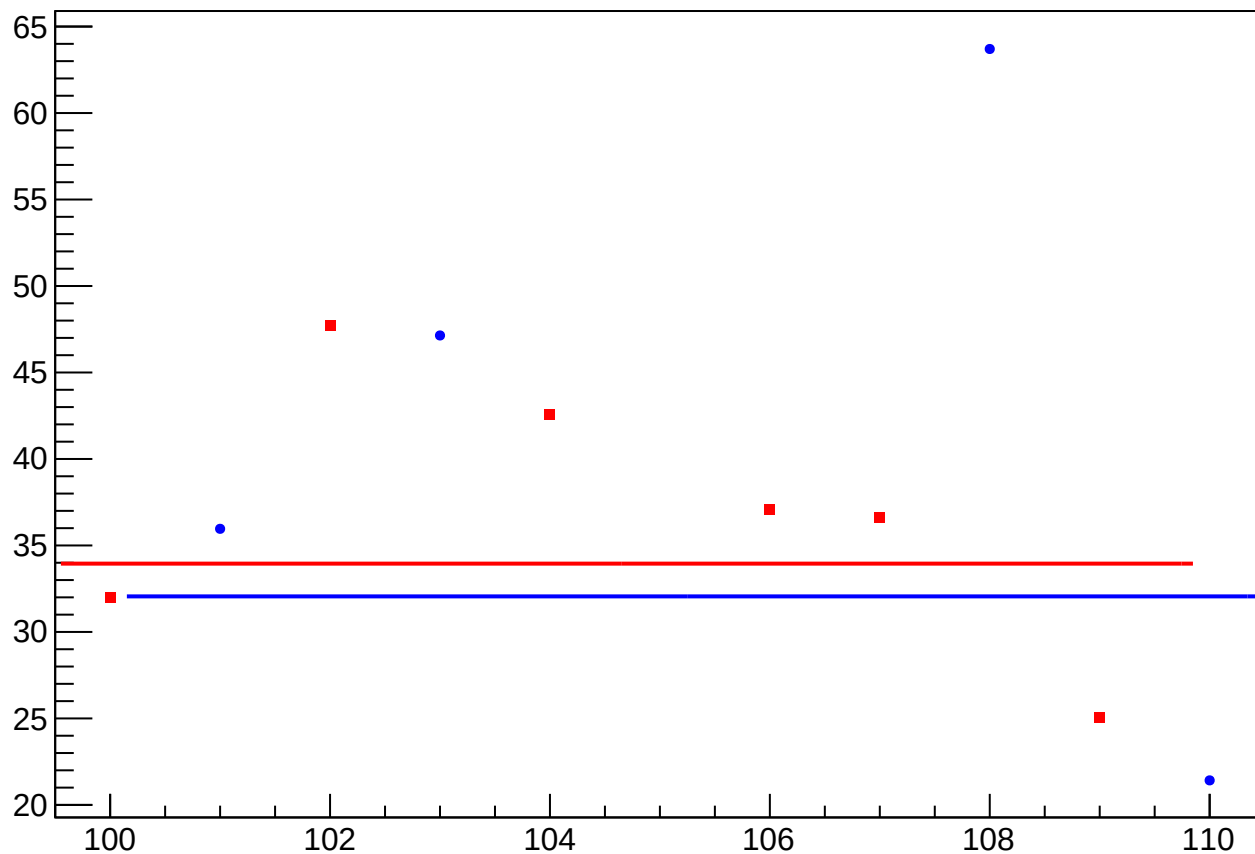
Right: -0.018+/-0.017 χ^2/NDF : 5.9/9

In: -0.018+/-0.025 χ^2/NDF : 5.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.017 χ^2/NDF : 5.9/9

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.056+/-0.018 χ^2/NDF : 490439.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.950+/-0.017 χ^2/NDF : 271171.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

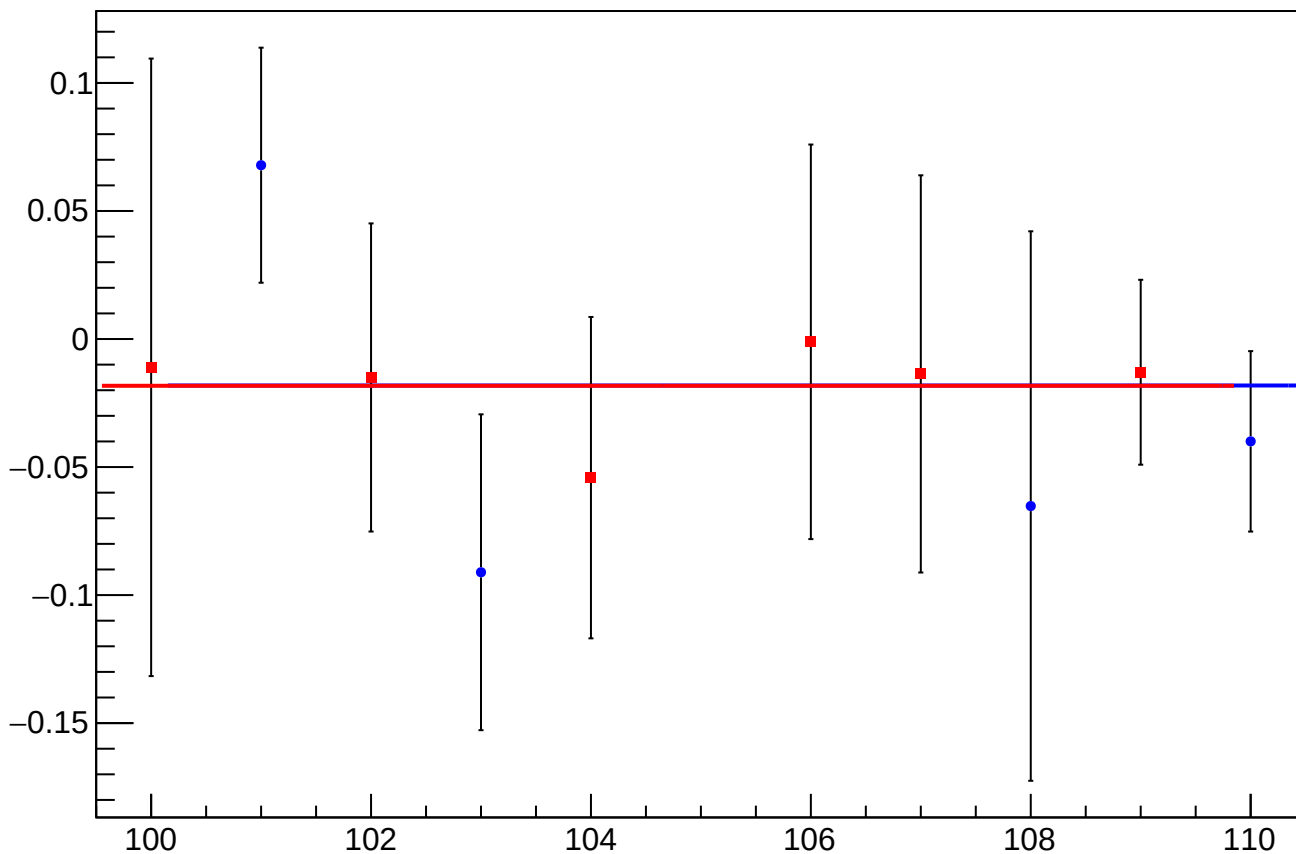
Right: 33.023+/-0.012 χ^2/NDF : 767580.9/9

In: 32.056+/-0.018 χ^2/NDF : 490439.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.023+/-0.012 χ^2/NDF : 767580.9/9

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.025 χ^2/NDF : 5.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.018+/-0.024 χ^2/NDF : 0.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

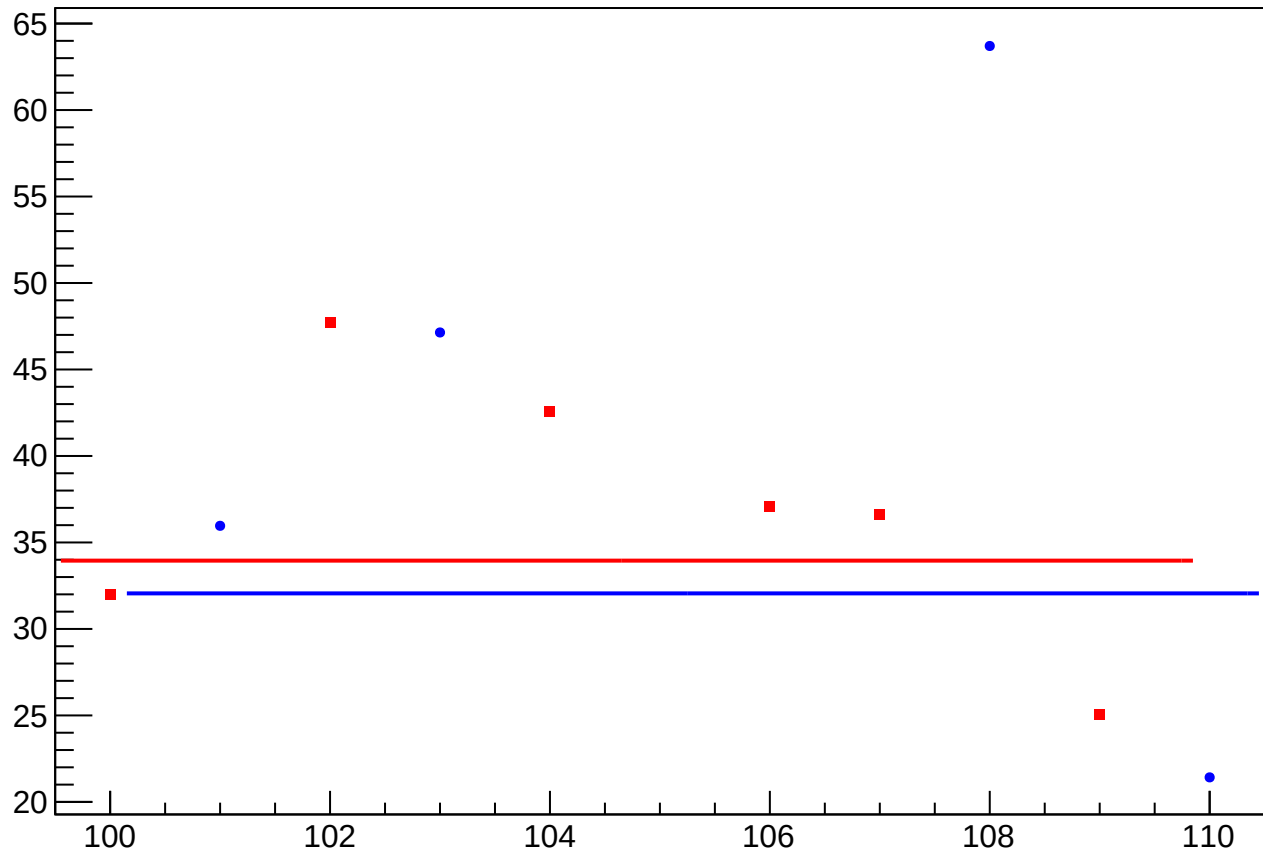
Right: -0.018+/-0.017 χ^2/NDF : 5.9/9

In: -0.018+/-0.025 χ^2/NDF :5.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.018+/-0.017 χ^2/NDF : 5.9/9

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.056+/-0.018 χ^2/NDF : 490439.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.950+/-0.017 χ^2/NDF : 271171.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

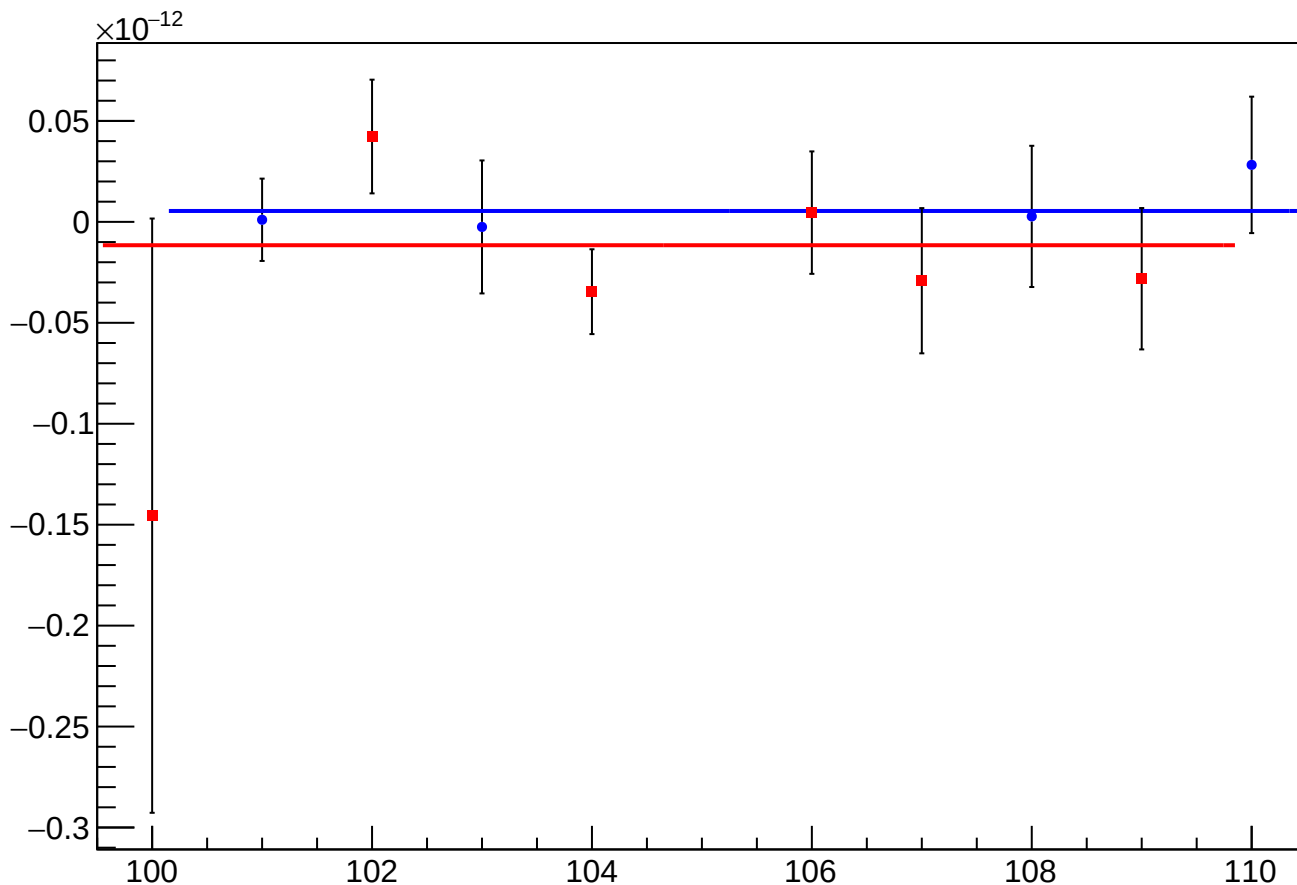
Right: 33.023+/-0.012 χ^2/NDF : 767580.9/9

In: 32.056+/-0.018 χ^2/NDF : 490439.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.023+/-0.012 χ^2/NDF : 767580.9/9

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

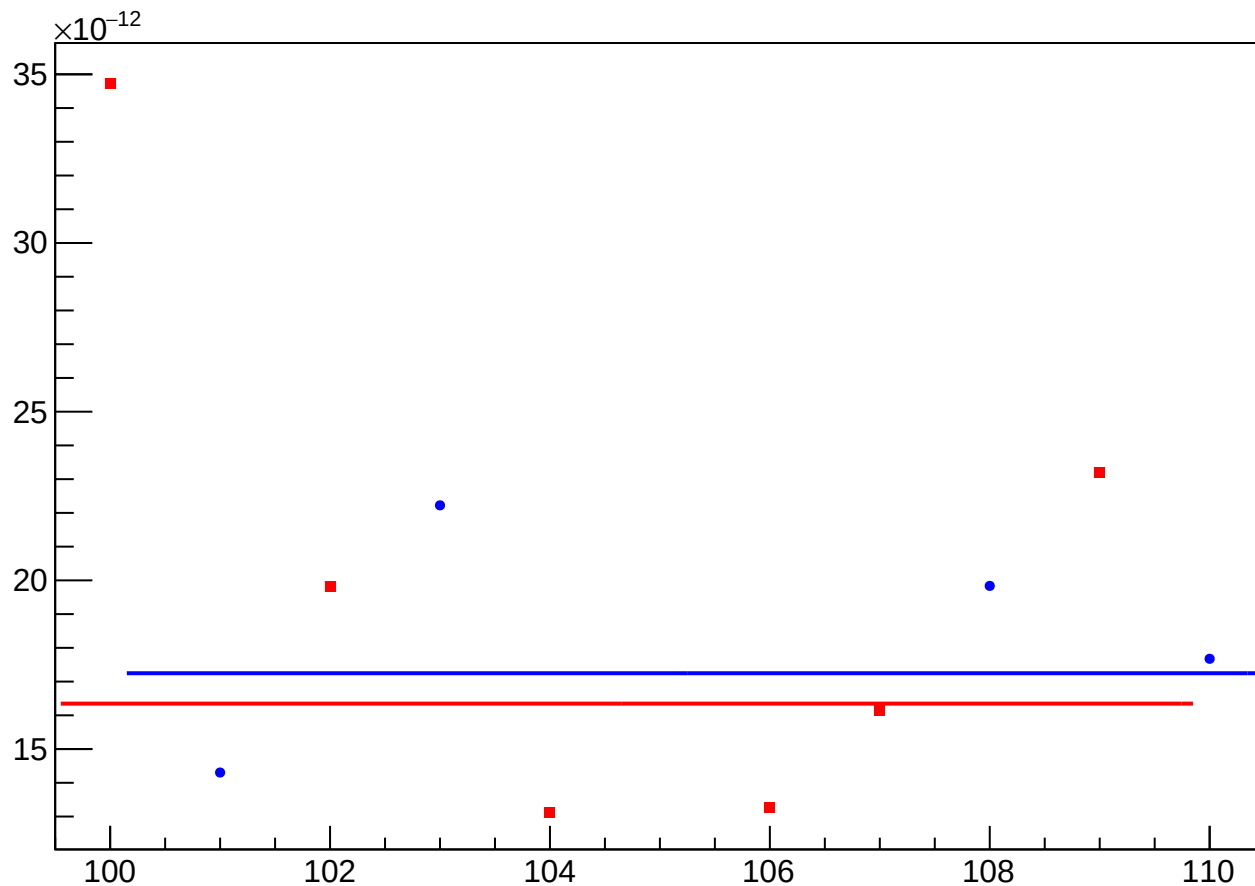
Right: -0.000+/-0.000 χ^2/NDF : 7.8/9

In: 0.000+/-0.000 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.8/9

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 98619.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 205642.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

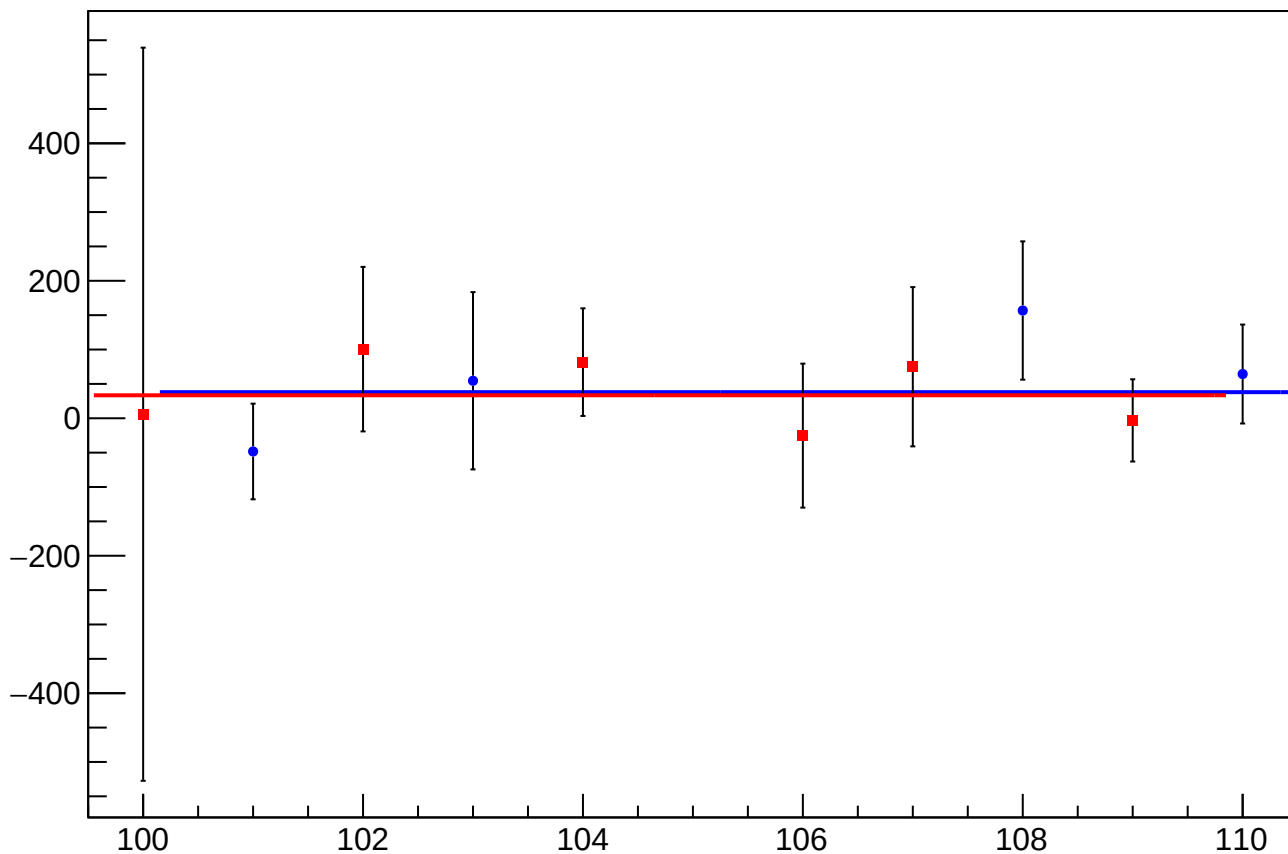
Right: 0.000+/-0.000 χ^2/NDF : 308779.7/9

In: 0.000+/-0.000 χ^2/NDF : 98619.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 308779.7/9

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 37.986 $\pm$ 42.310 χ^2 /NDF: 3.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 33.443 $\pm$ 38.308 χ^2 /NDF: 1.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

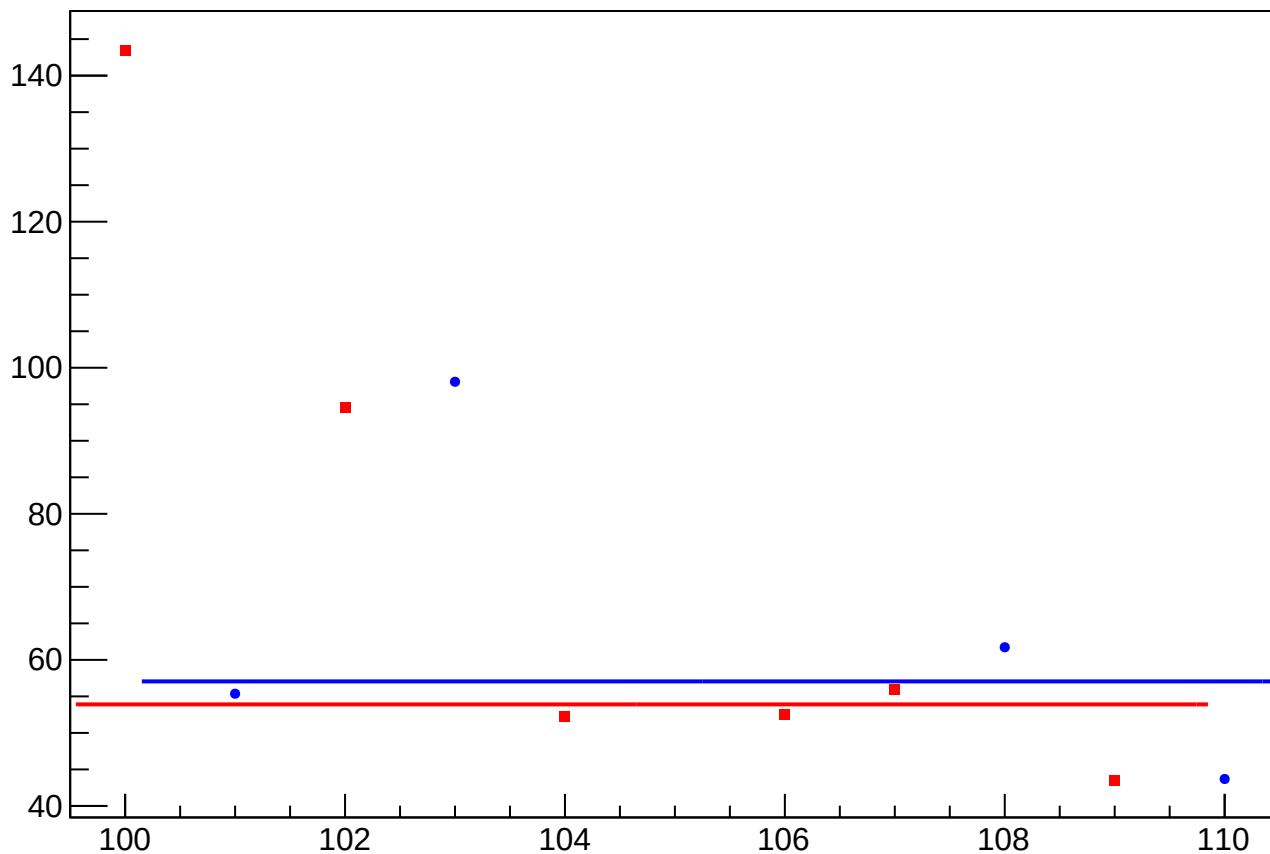
Right: 35.489 $\pm$ 28.398 χ^2 /NDF: 4.6/9

In: 37.986 $\pm$ 42.310 χ^2 /NDF:3.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.489 $\pm$ 28.398 χ^2 /NDF: 4.6/9

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 57.054+/-0.030 χ^2/NDF : 276877.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.907+/-0.027 χ^2/NDF : 349267.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

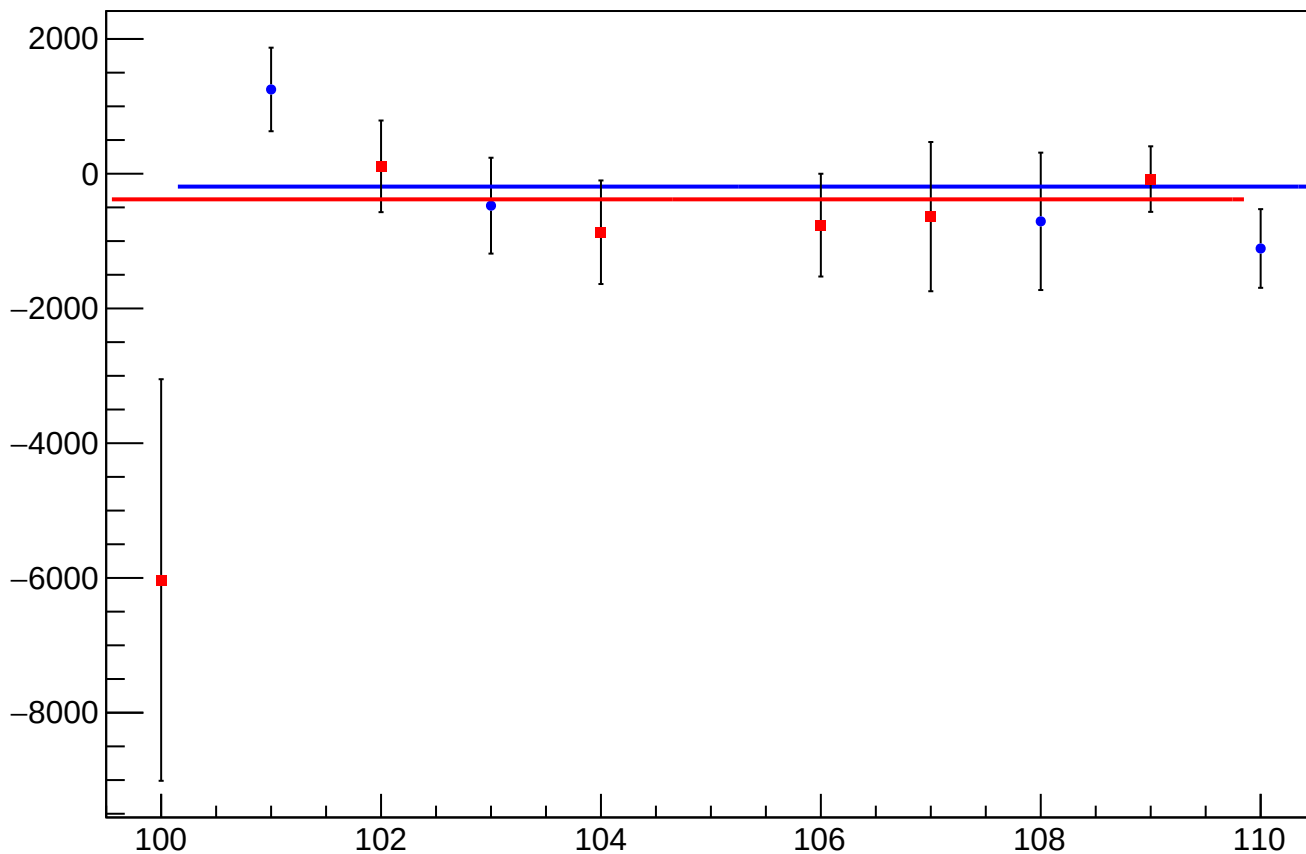
Right: 55.324+/-0.020 χ^2/NDF : 632225.2/9

In: 57.054+/-0.030 χ^2/NDF : 276877.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.324+/-0.020 χ^2/NDF : 632225.2/9

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -191.189+/-343.612 χ^2/NDF : 8.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -380.406+/-305.314 χ^2/NDF : 5.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

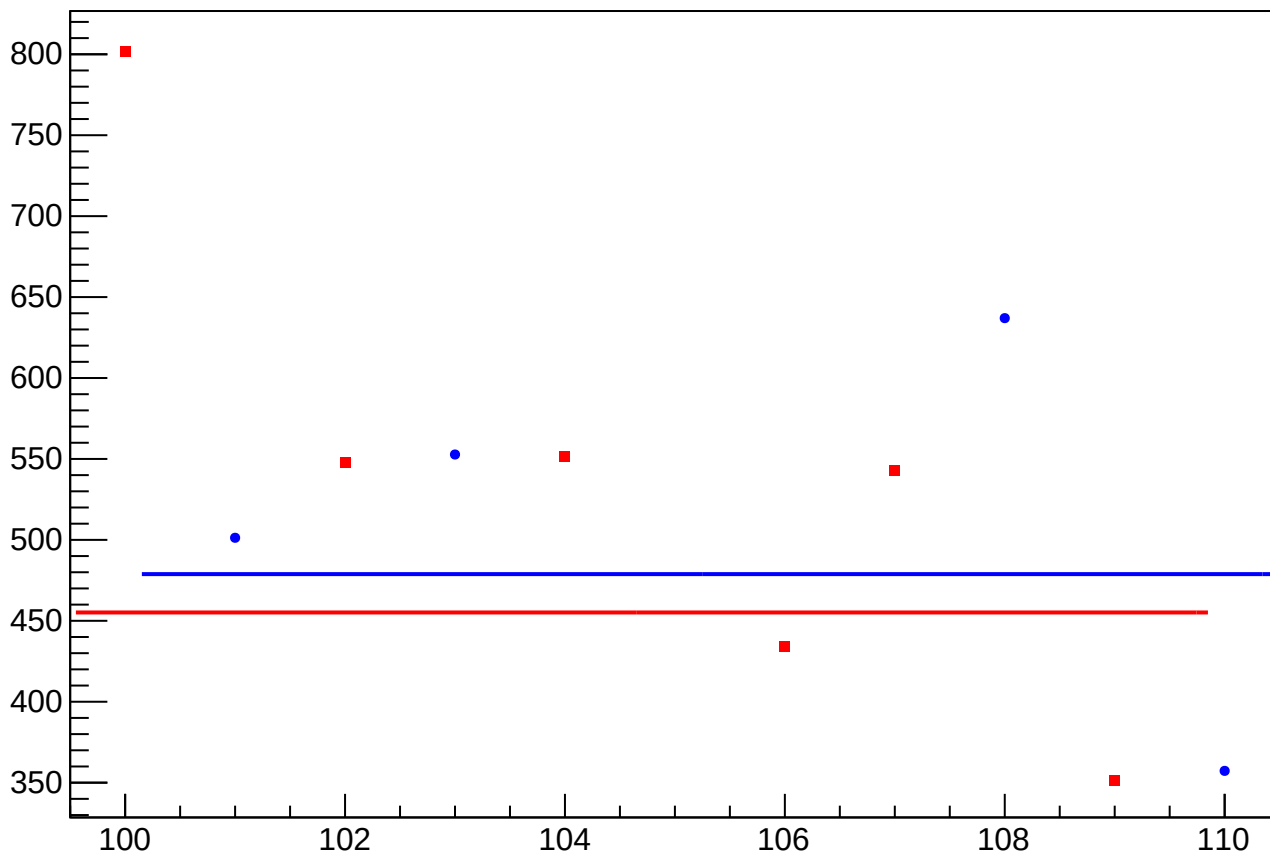
Right: -296.926+/-228.234 χ^2/NDF : 13.7/9

In: -191.189+/-343.612 χ^2/NDF : 8.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -296.926+/-228.234 χ^2/NDF : 13.7/9

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 478.846+/-0.243 χ^2/NDF : 158956.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 455.153+/-0.216 χ^2/NDF : 200431.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

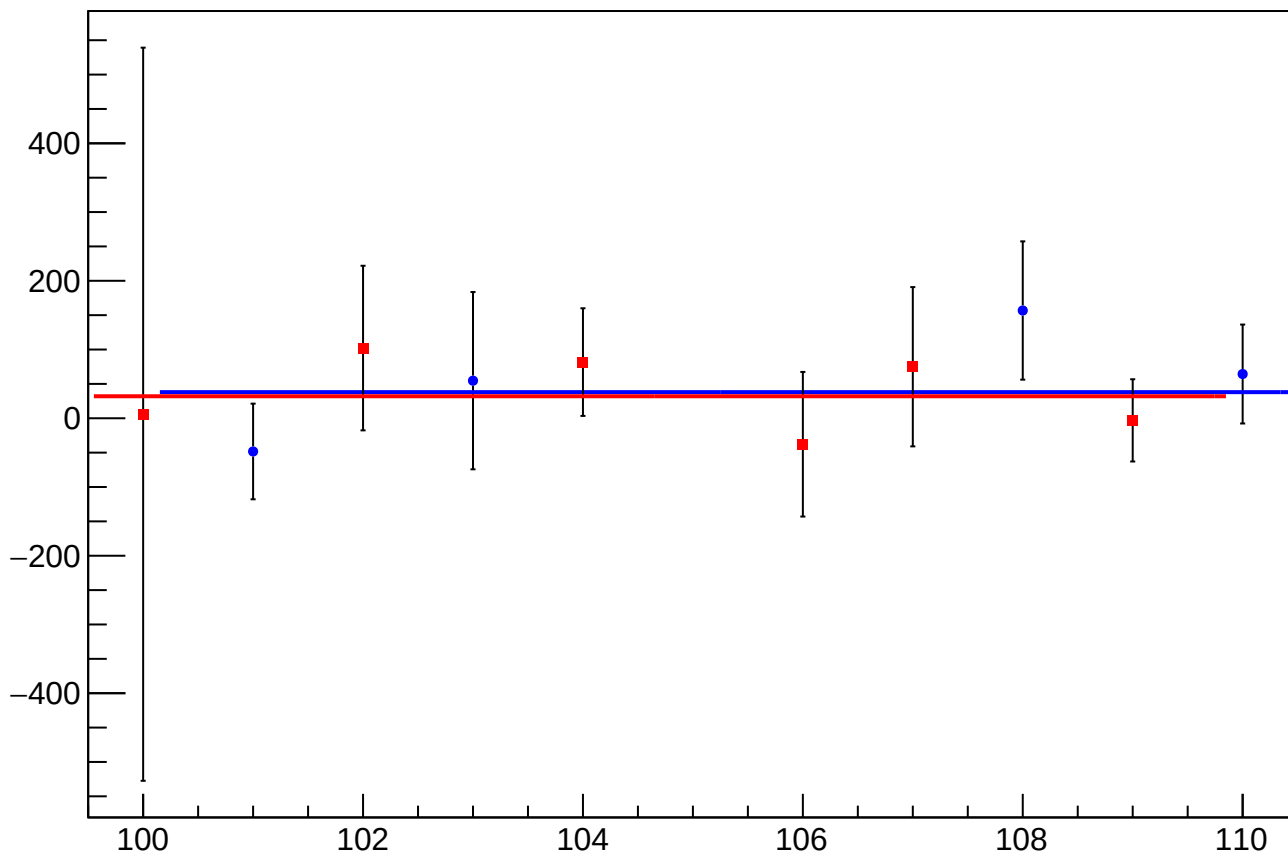
Right: 465.606+/-0.161 χ^2/NDF : 364702.4/9

In: 478.846+/-0.243 χ^2/NDF : 158956.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.606+/-0.161 χ^2/NDF : 364702.4/9

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 38.004 $\pm$ 42.310 χ^2 /NDF: 3.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 32.016 $\pm$ 38.332 χ^2 /NDF: 1.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

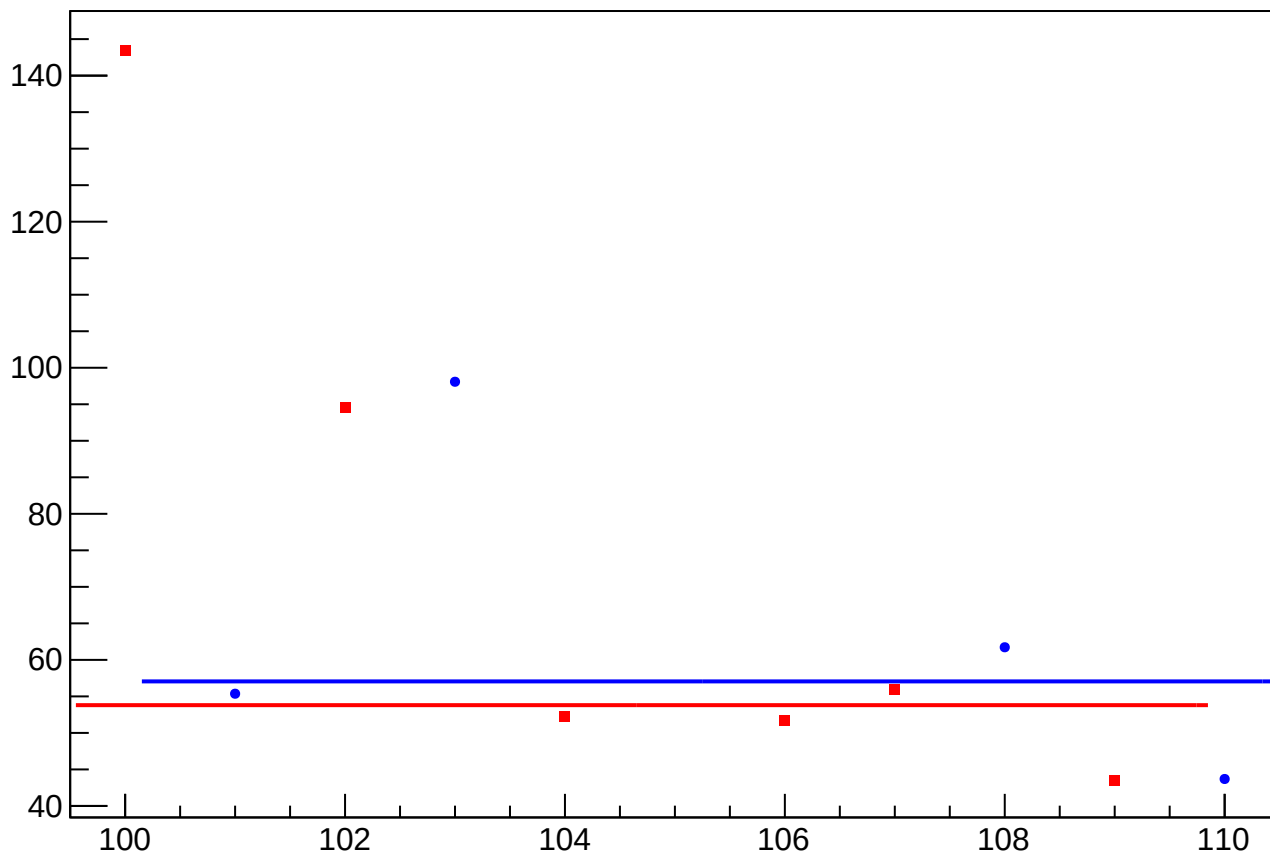
Right: 34.715 $\pm$ 28.408 χ^2 /NDF: 4.8/9

In: 38.004 $\pm$ 42.310 χ^2 /NDF: 3.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.715 $\pm$ 28.408 χ^2 /NDF: 4.8/9

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 57.054+/-0.030 χ^2/NDF : 276880.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.800+/-0.027 χ^2/NDF : 350015.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

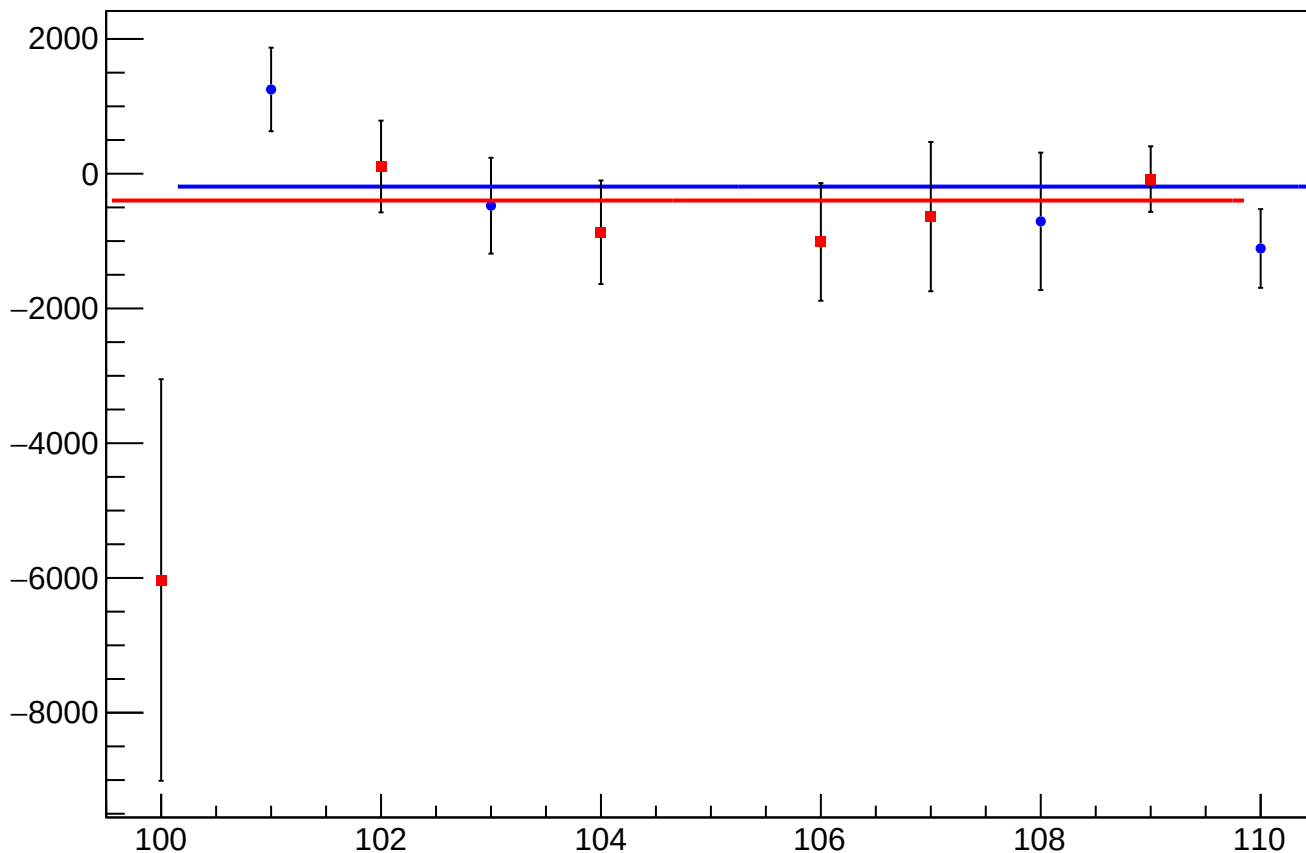
Right: 55.267+/-0.020 χ^2/NDF : 633390.7/9

In: 57.054+/-0.030 χ^2/NDF : 276880.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.267+/-0.020 χ^2/NDF : 633390.7/9

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -191.198+/-343.620 χ^2 /NDF: 8.3/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -397.829+/-311.317 χ^2 /NDF: 5.5/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

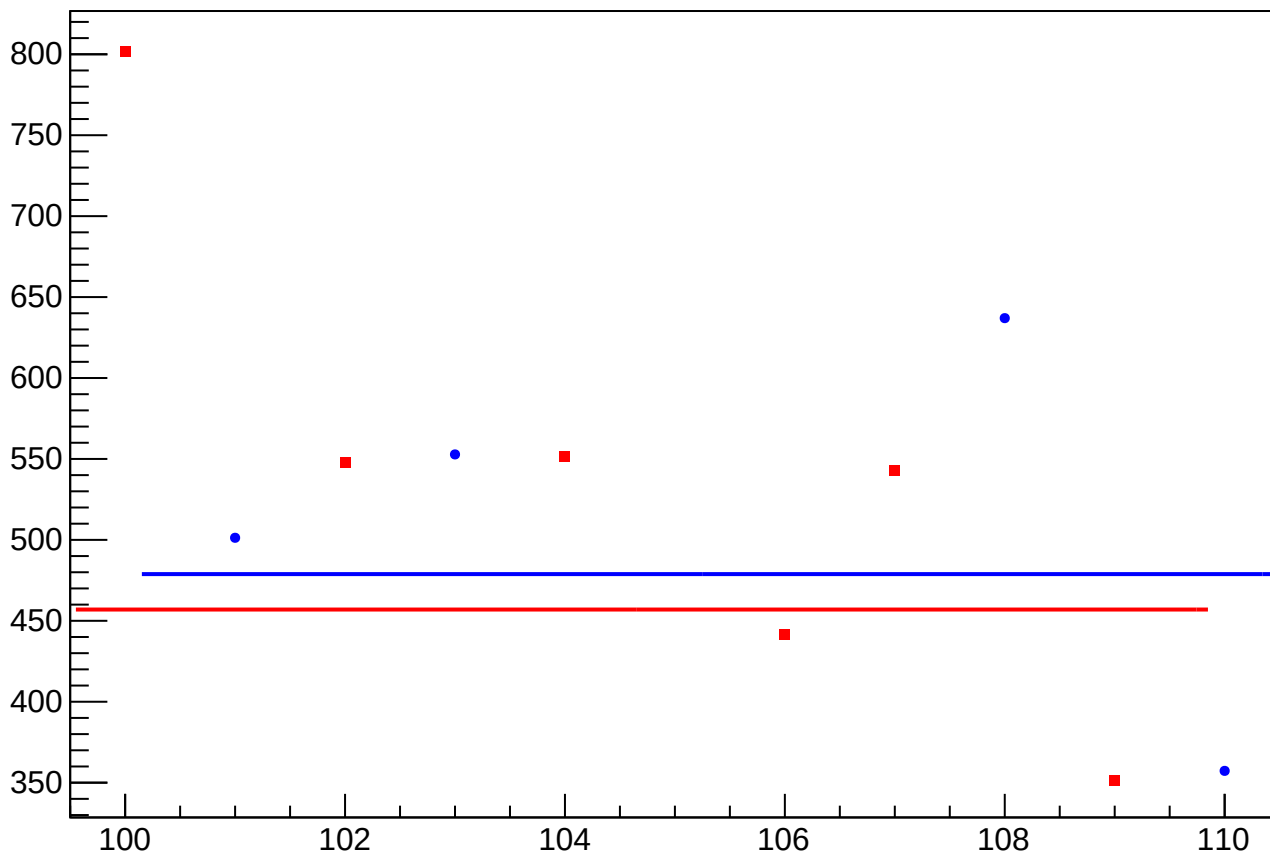
Right: -304.680+/-230.711 χ^2 /NDF: 14.0/9

In: -191.198+/-343.620 χ^2 /NDF:8.3/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -304.680+/-230.711 χ^2 /NDF: 14.0/9

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 478.855+/-0.243 χ^2/NDF : 158984.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 456.964+/-0.220 χ^2/NDF : 199606.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

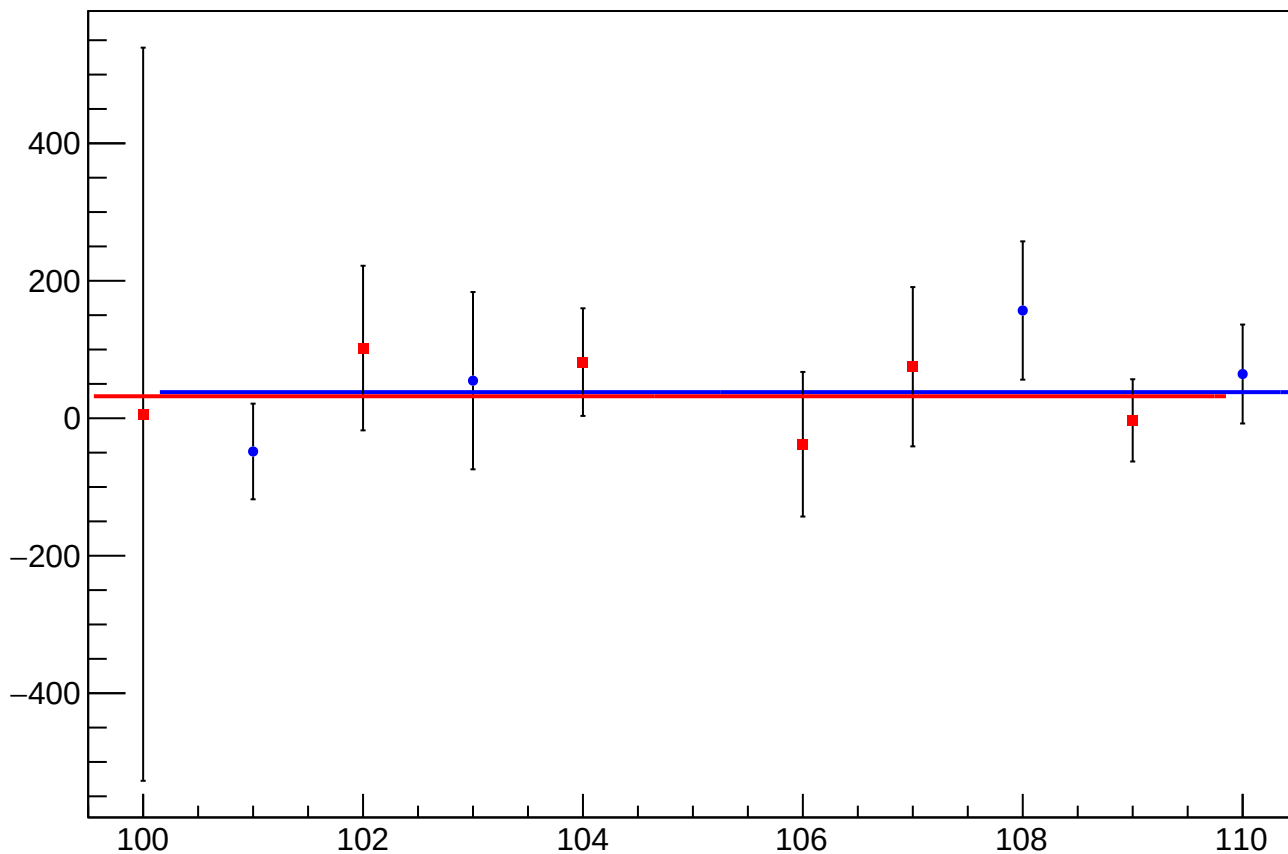
Right: 466.833+/-0.163 χ^2/NDF : 363048.6/9

In: 478.855+/-0.243 χ^2/NDF : 158984.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.833+/-0.163 χ^2/NDF : 363048.6/9

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 38.004+/-42.310 χ^2/NDF : 3.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.016+/-38.332 χ^2/NDF : 1.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

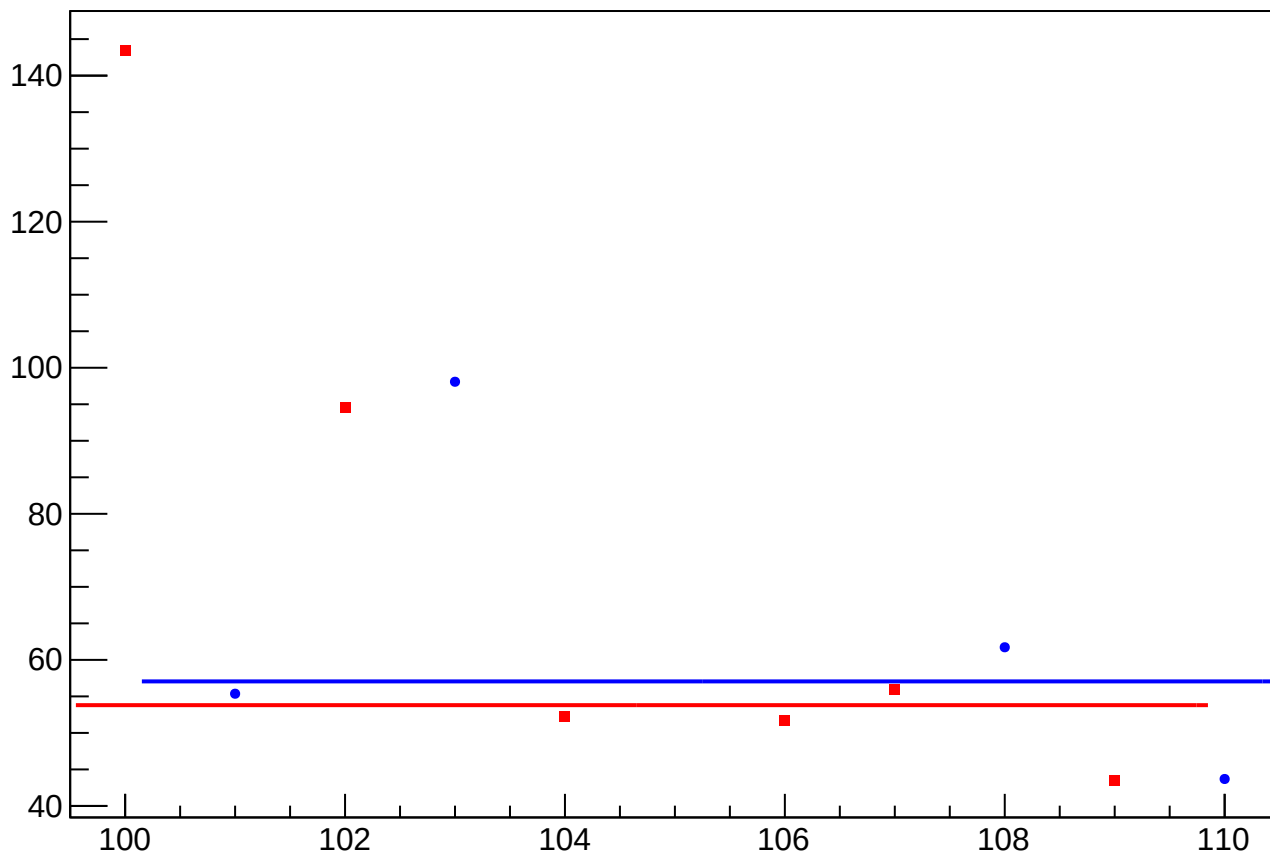
Right: 34.715+/-28.408 χ^2/NDF : 4.8/9

In: 38.004+/-42.310 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.715+/-28.408 χ^2/NDF : 4.8/9

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 57.054+/-0.030 χ^2/NDF : 276880.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.800+/-0.027 χ^2/NDF : 350015.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

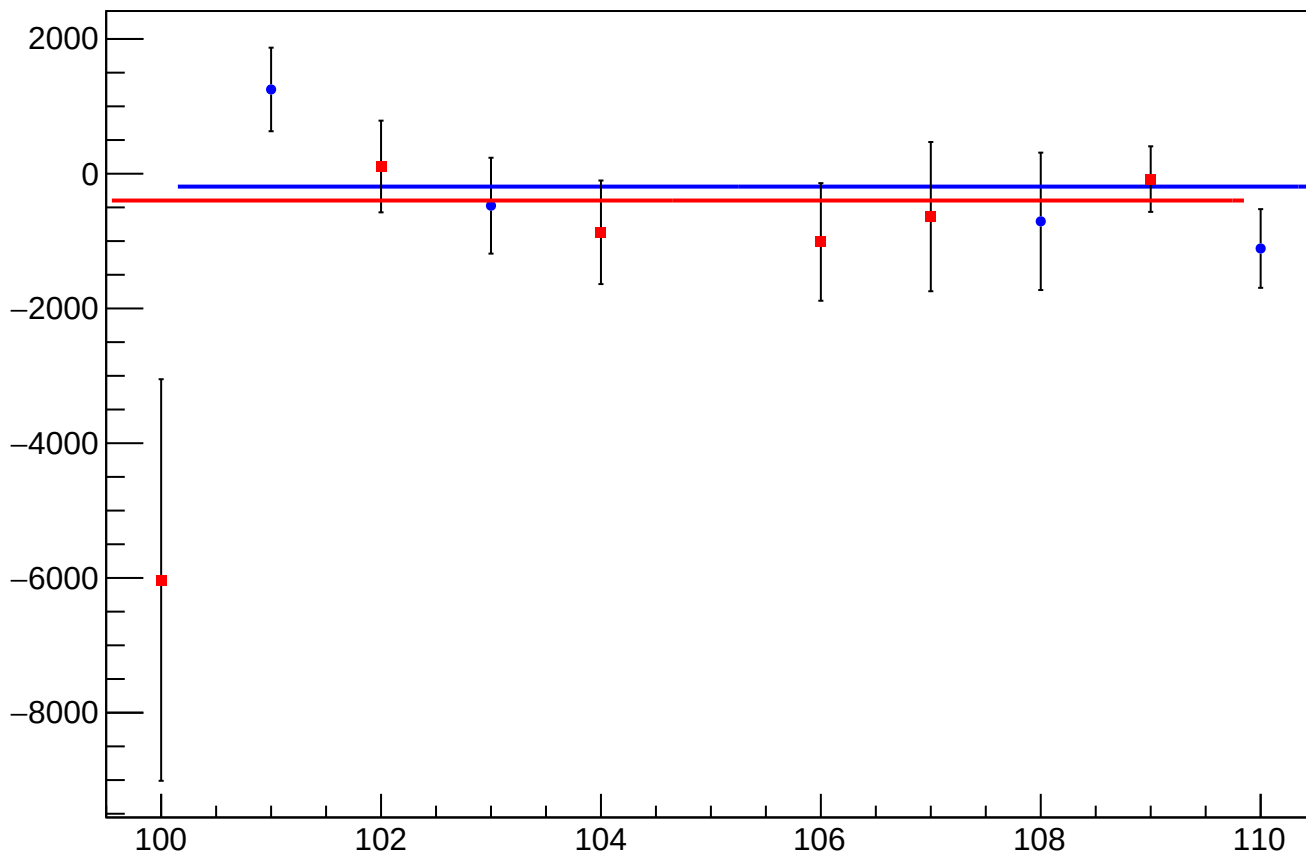
Right: 55.267+/-0.020 χ^2/NDF : 633390.7/9

In: 57.054+/-0.030 χ^2/NDF : 276880.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.267+/-0.020 χ^2/NDF : 633390.7/9

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -191.198+/-343.620 χ^2/NDF : 8.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -397.829+/-311.317 χ^2/NDF : 5.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

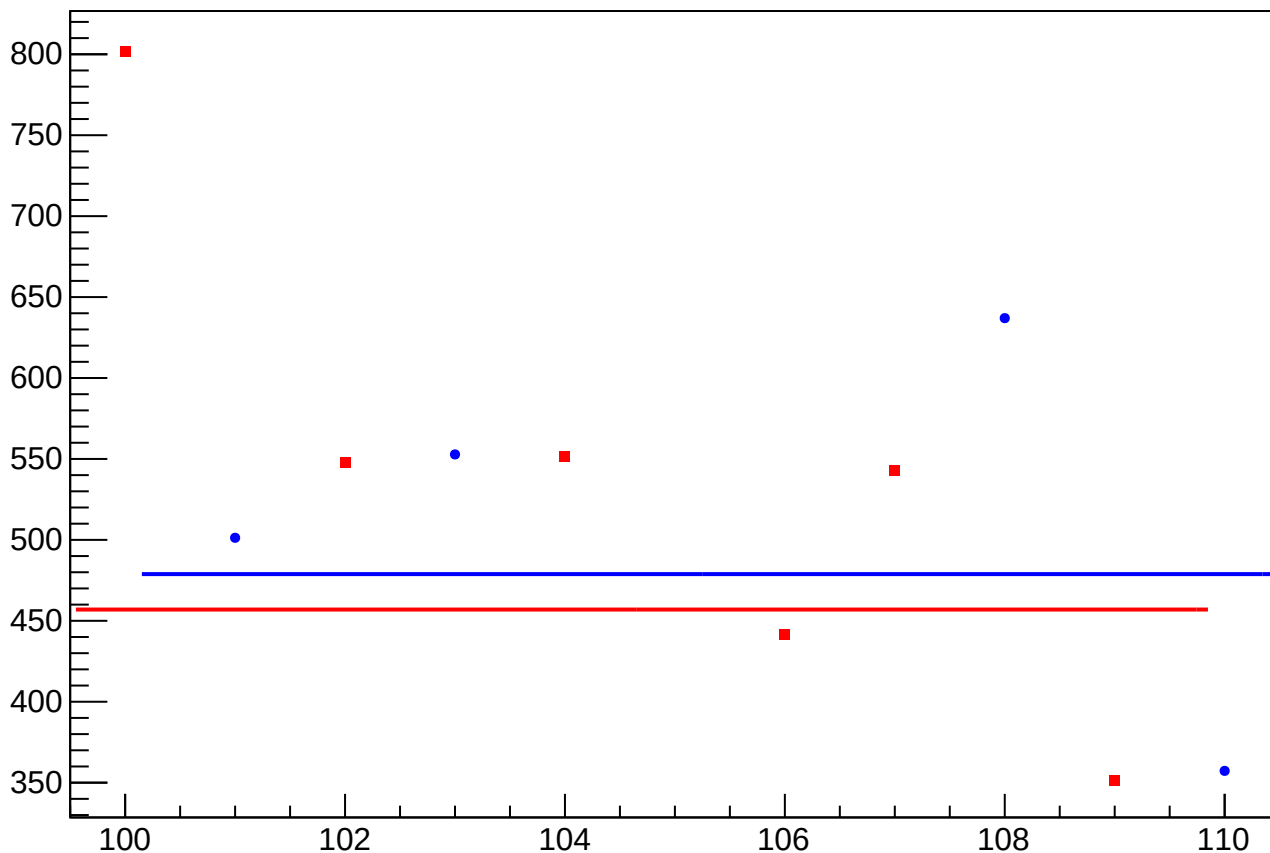
Right: -304.680+/-230.711 χ^2/NDF : 14.0/9

In: -191.198+/-343.620 χ^2/NDF : 8.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.680+/-230.711 χ^2/NDF : 14.0/9

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 478.855+/-0.243 χ^2/NDF : 158984.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 456.964+/-0.220 χ^2/NDF : 199606.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

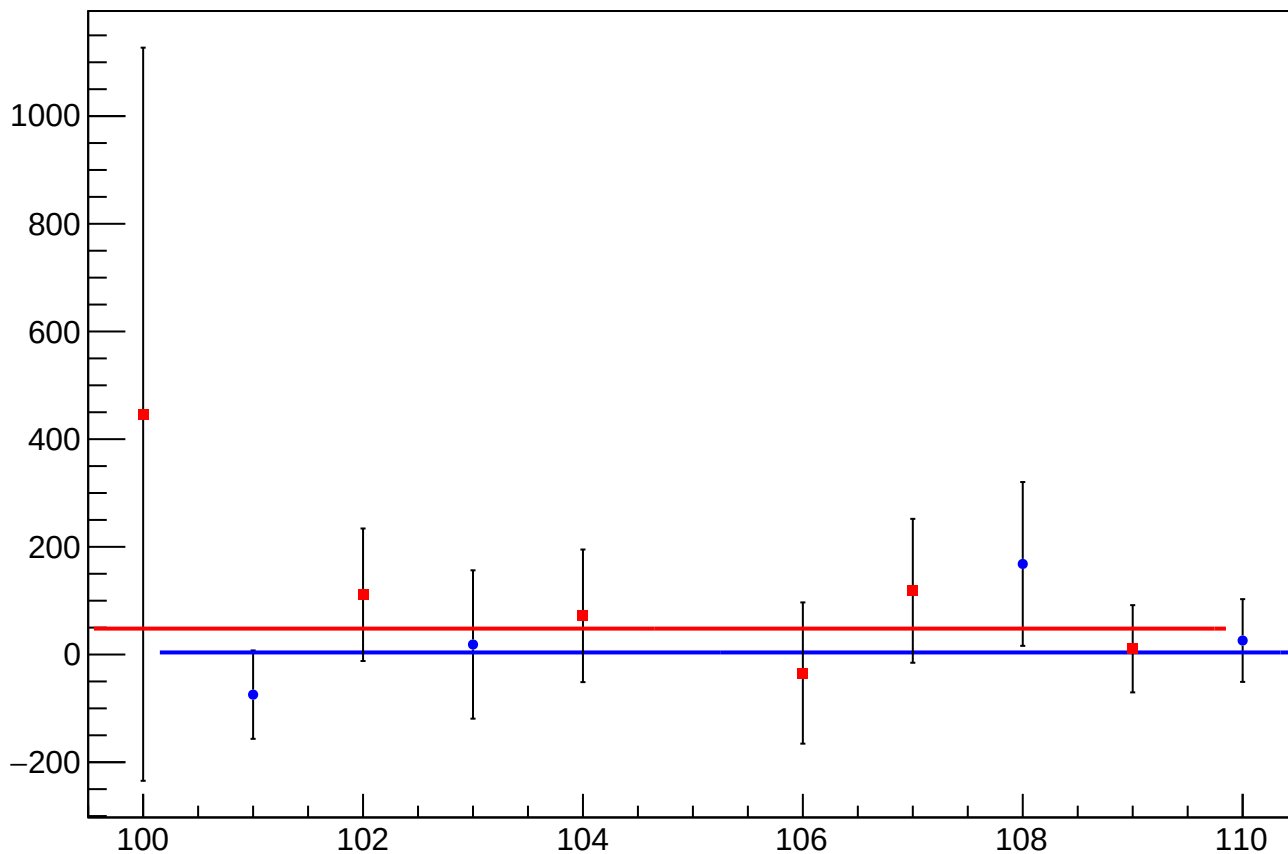
Right: 466.833+/-0.163 χ^2/NDF : 363048.6/9

In: 478.855+/-0.243 χ^2/NDF : 158984.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.833+/-0.163 χ^2/NDF : 363048.6/9

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 3.863 $\pm$ 49.169 χ^2 /NDF: 2.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.159 $\pm$ 49.960 χ^2 /NDF: 1.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

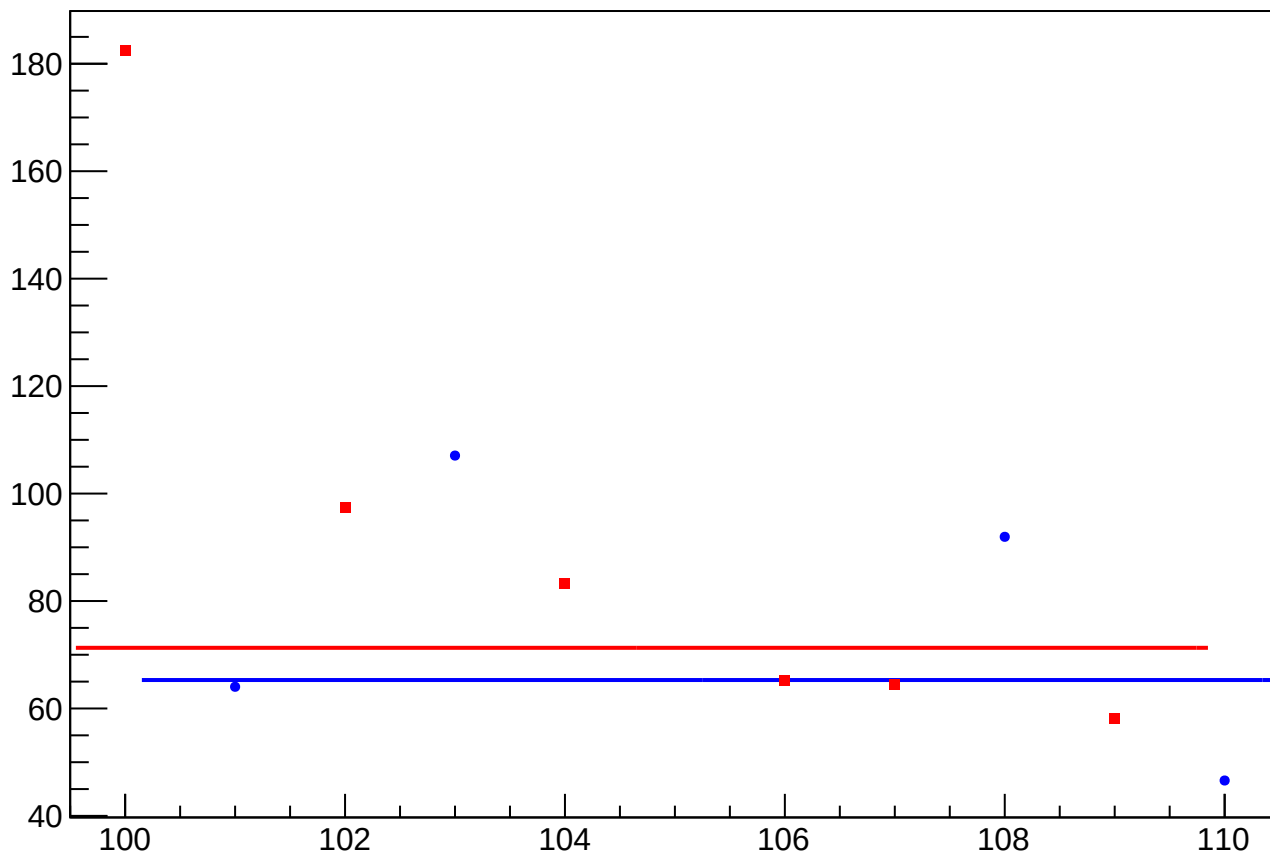
Right: 25.658 $\pm$ 35.044 χ^2 /NDF: 4.1/9

In: 3.863 $\pm$ 49.169 χ^2 /NDF: 2.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.658 $\pm$ 35.044 χ^2 /NDF: 4.1/9

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 65.295 $\pm$ 0.035 χ^2 /NDF: 364219.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 71.292 $\pm$ 0.035 χ^2 /NDF: 224718.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

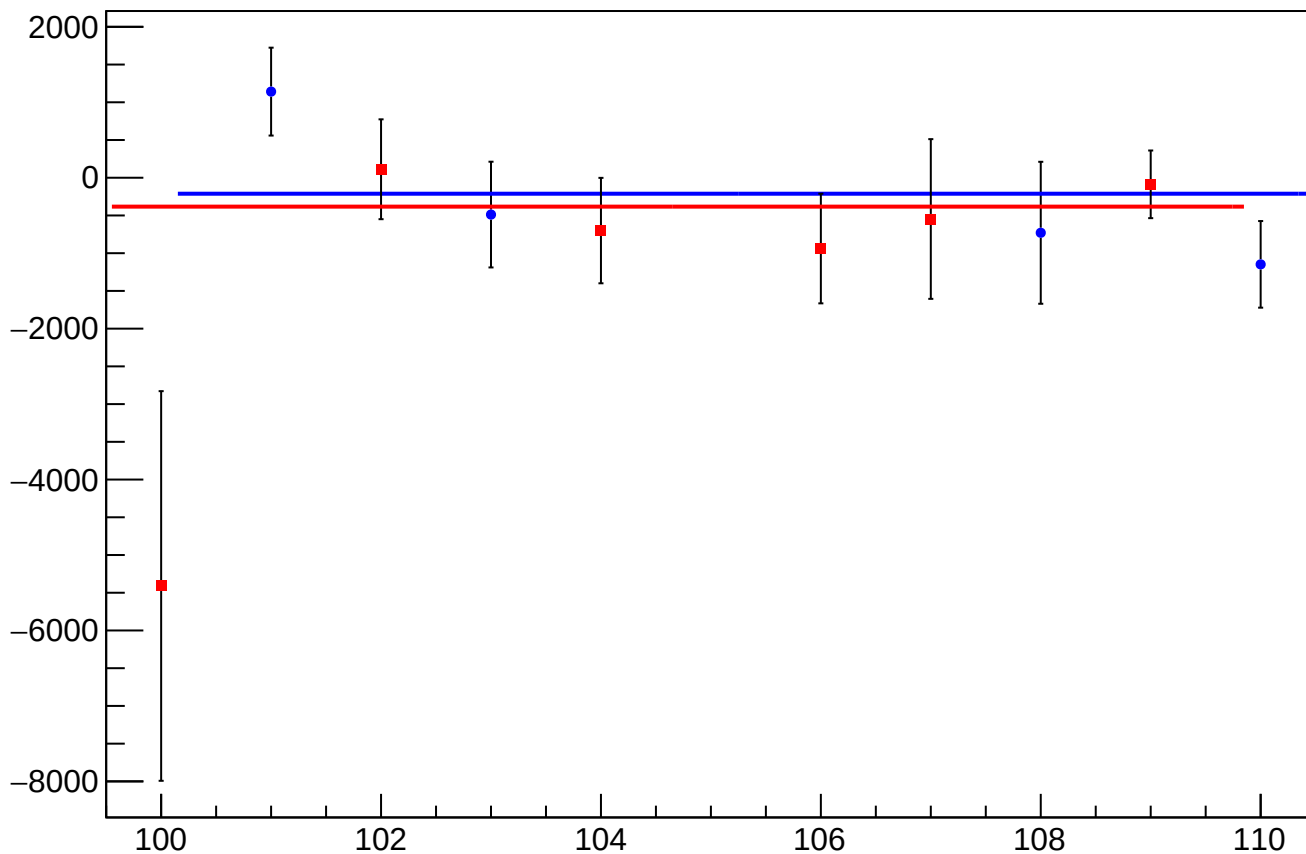
Right: 68.246 $\pm$ 0.025 χ^2 /NDF: 603574.1/9

In: 65.295 $\pm$ 0.035 χ^2 /NDF:364219.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.246 $\pm$ 0.025 χ^2 /NDF: 603574.1/9

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -211.778+/-330.576 χ^2/NDF : 8.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -382.901+/-285.768 χ^2/NDF : 5.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

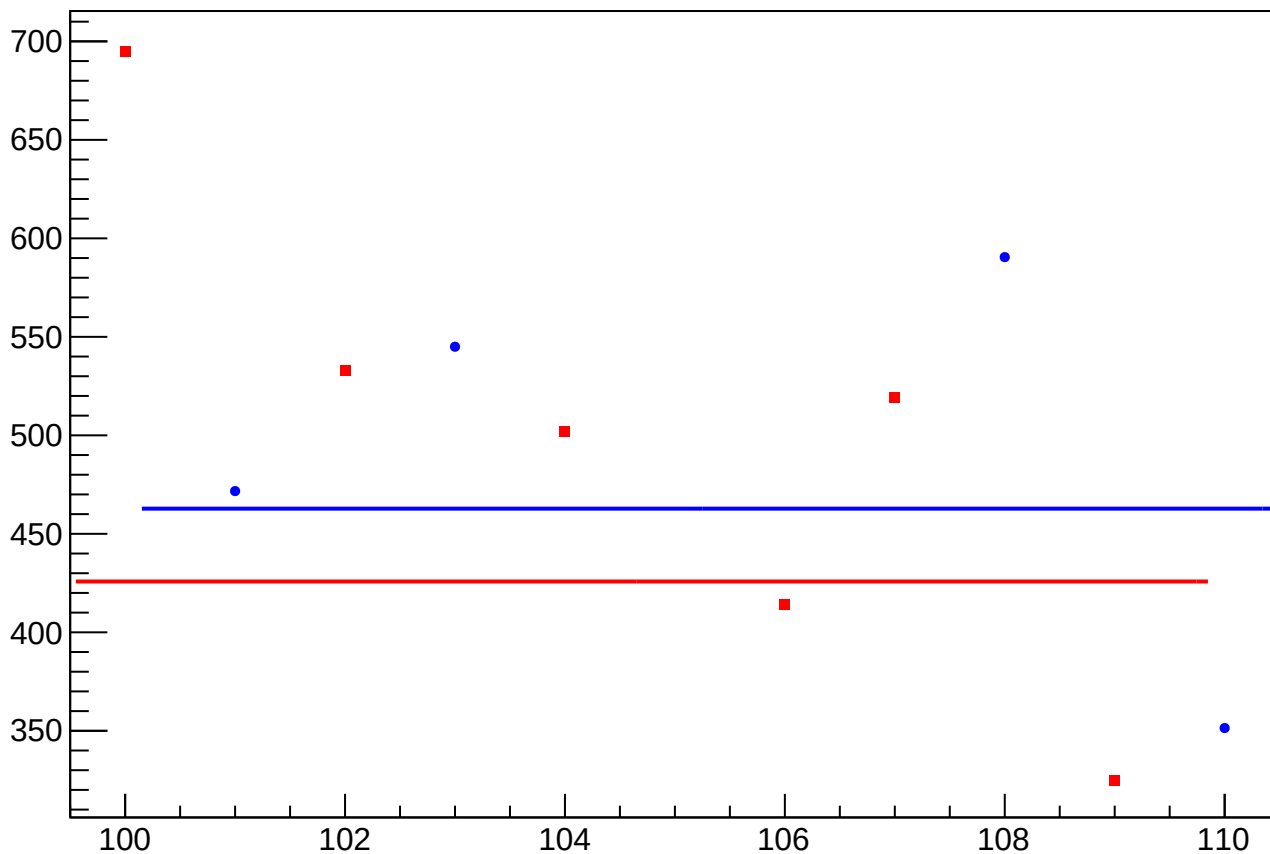
Right: -309.715+/-216.188 χ^2/NDF : 14.3/9

In: -211.778+/-330.576 χ^2/NDF : 8.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.715+/-216.188 χ^2/NDF : 14.3/9

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 462.783+/-0.234 χ^2/NDF : 140149.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 425.799+/-0.202 χ^2/NDF : 215108.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

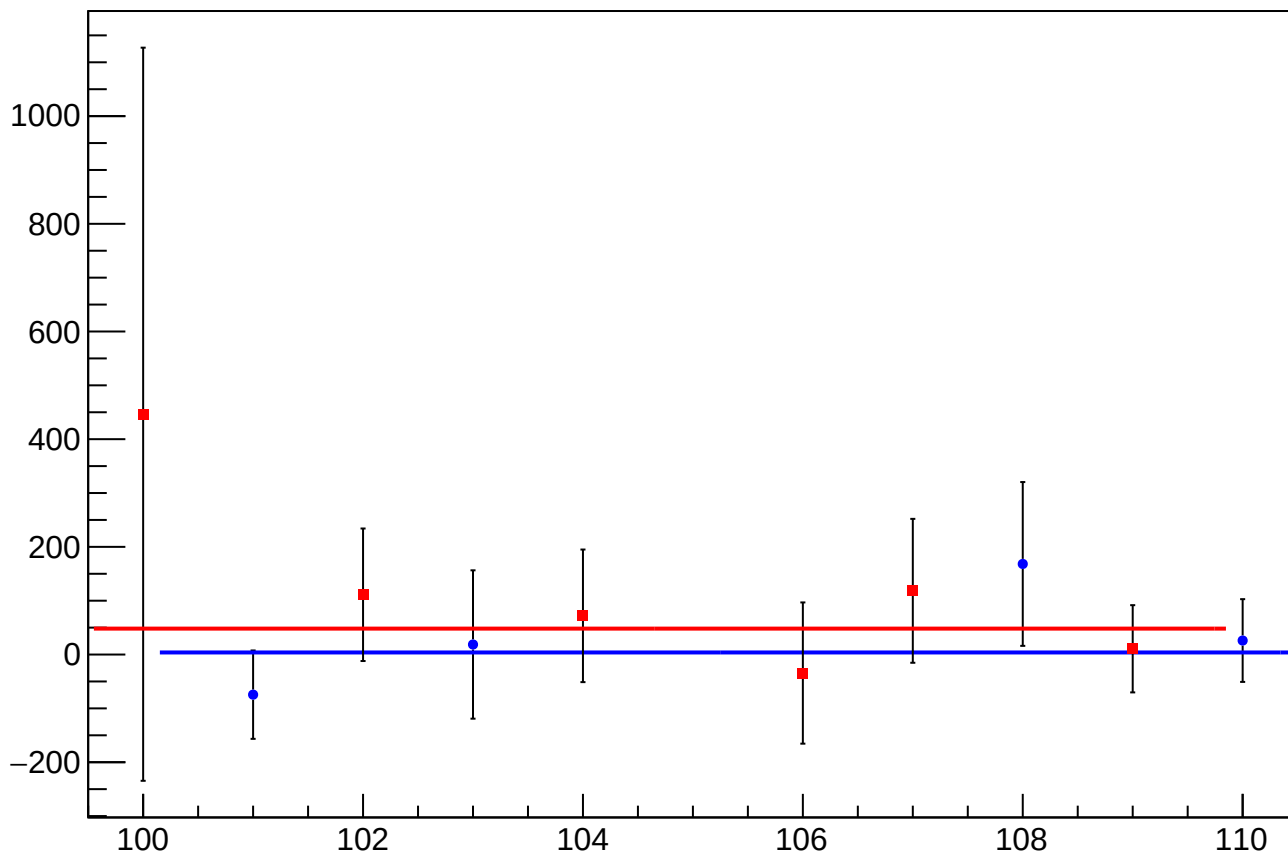
Right: 441.616+/-0.153 χ^2/NDF : 369585.1/9

In: 462.783+/-0.234 χ^2/NDF : 140149.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 441.616+/-0.153 χ^2/NDF : 369585.1/9

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 3.863+/-49.169 χ^2/NDF : 2.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.160+/-49.960 χ^2/NDF : 1.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

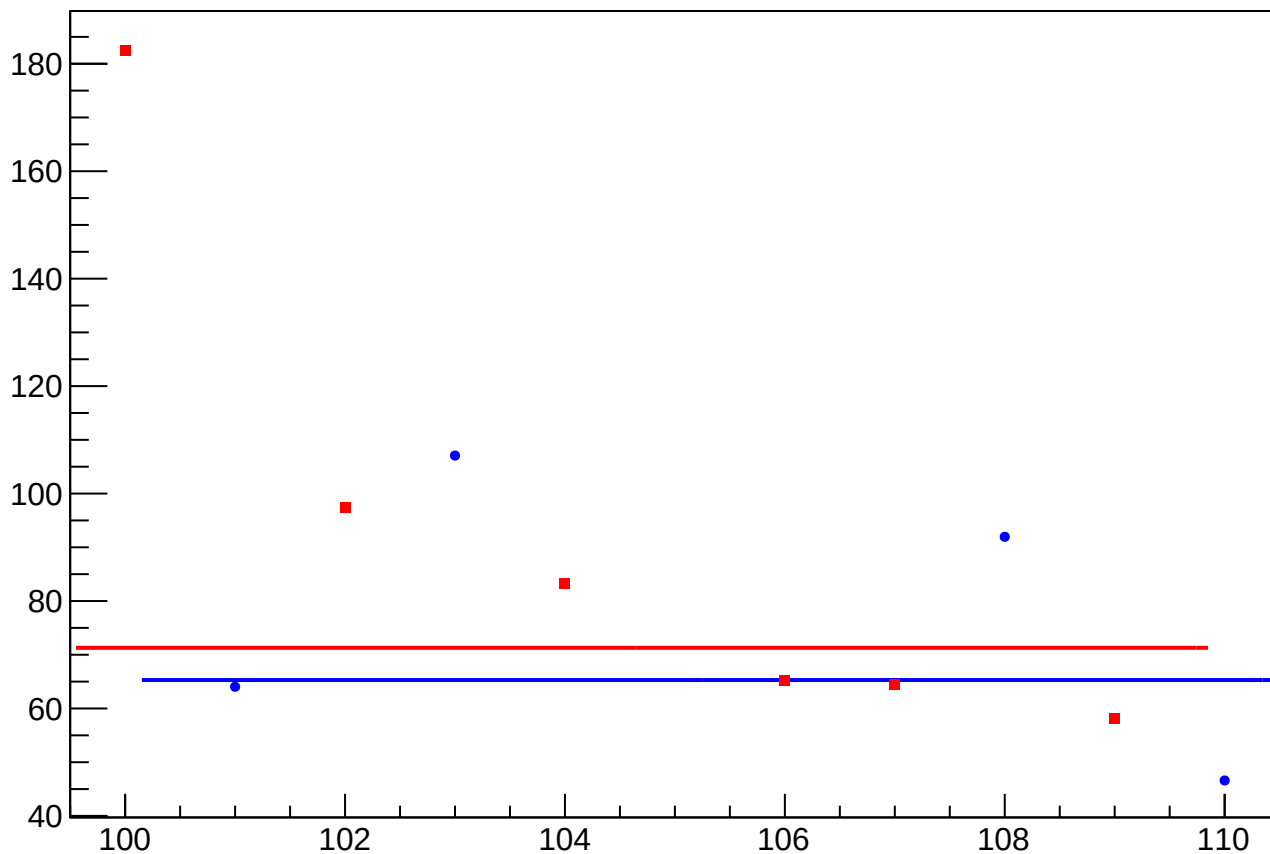
Right: 25.658+/-35.044 χ^2/NDF : 4.1/9

In: 3.863+/-49.169 χ^2/NDF : 2.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.658+/-35.044 χ^2/NDF : 4.1/9

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 65.296+/-0.035 χ^2/NDF : 364217.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.292+/-0.035 χ^2/NDF : 224719.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

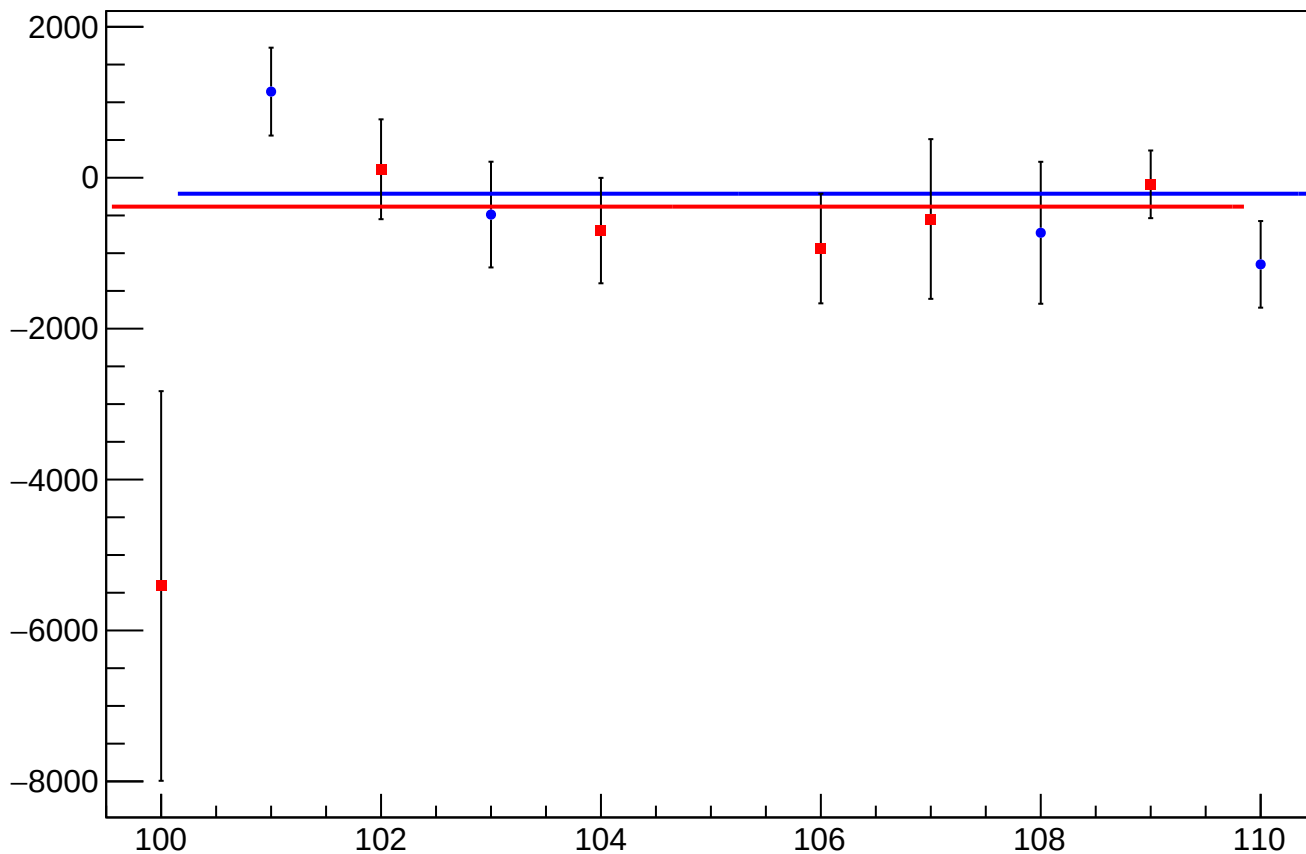
Right: 68.246+/-0.025 χ^2/NDF : 603572.6/9

In: 65.296+/-0.035 χ^2/NDF : 364217.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.246+/-0.025 χ^2/NDF : 603572.6/9

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -211.777+/-330.575 χ^2/NDF : 8.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -382.900+/-285.768 χ^2/NDF : 5.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

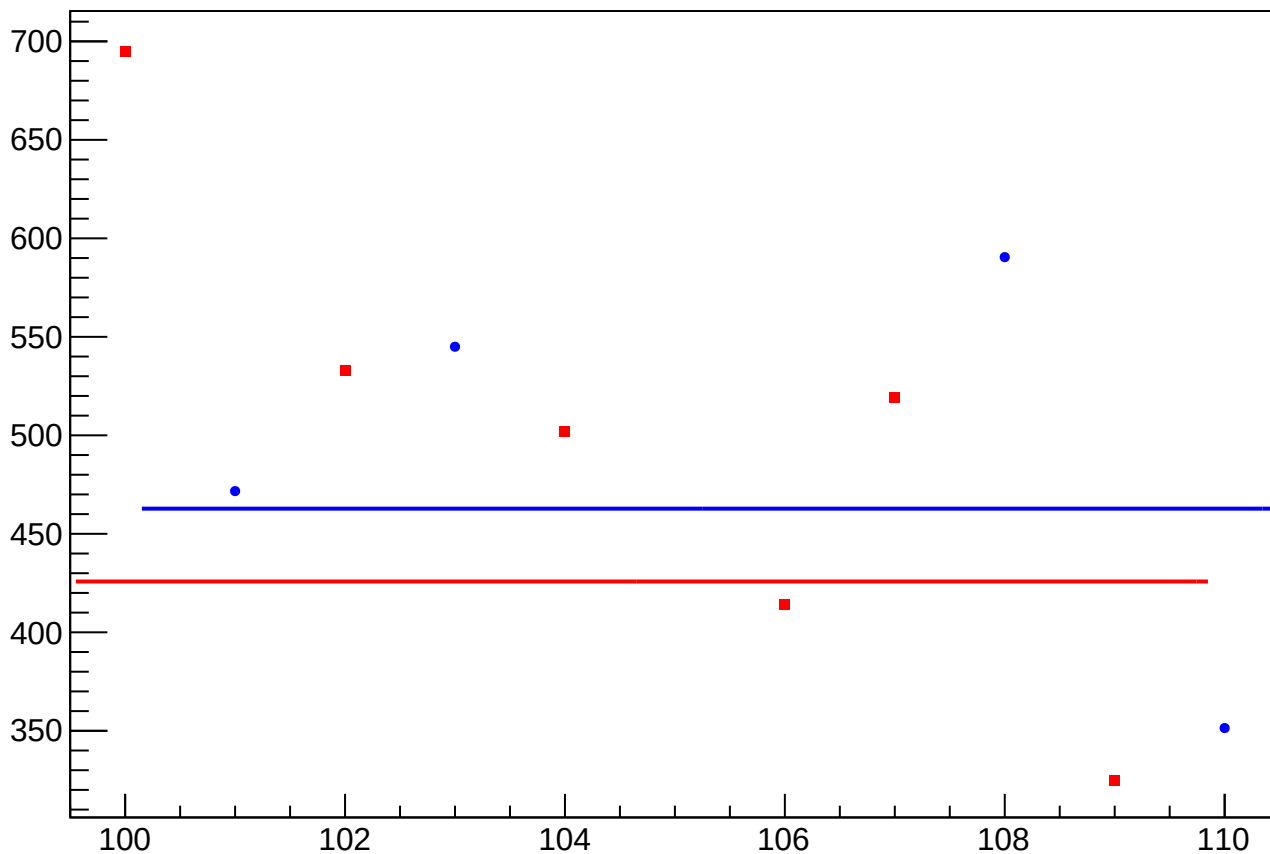
Right: -309.714+/-216.188 χ^2/NDF : 14.3/9

In: -211.777+/-330.575 χ^2/NDF : 8.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.714+/-216.188 χ^2/NDF : 14.3/9

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 462.782 $\pm$ 0.234 χ^2 /NDF: 140149.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 425.798 $\pm$ 0.202 χ^2 /NDF: 215106.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

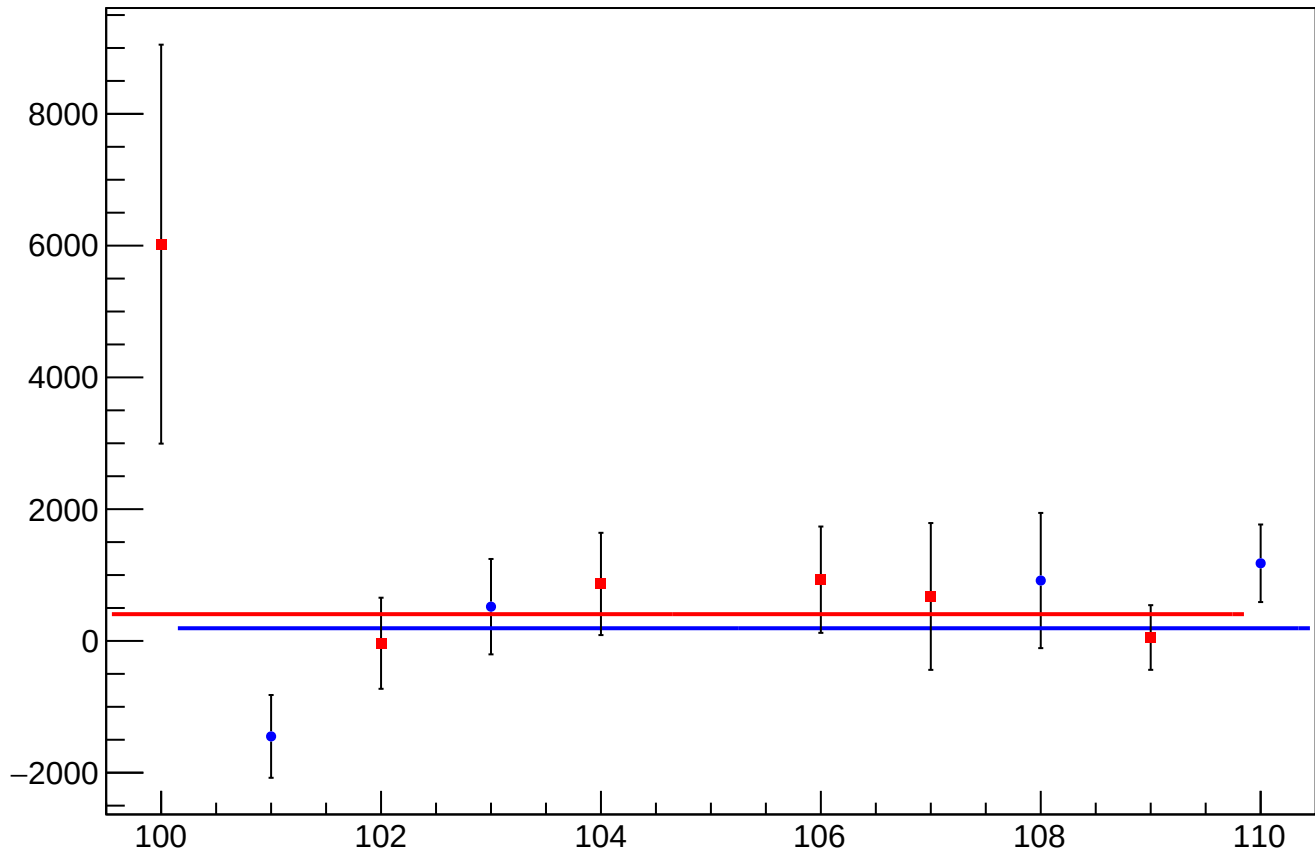
Right: 441.615 $\pm$ 0.153 χ^2 /NDF: 369581.8/9

In: 462.782 $\pm$ 0.234 χ^2 /NDF:140149.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 441.615 $\pm$ 0.153 χ^2 /NDF: 369581.8/9

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 192.550+/-347.604 χ^2/NDF : 10.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.247+/-310.787 χ^2/NDF : 5.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

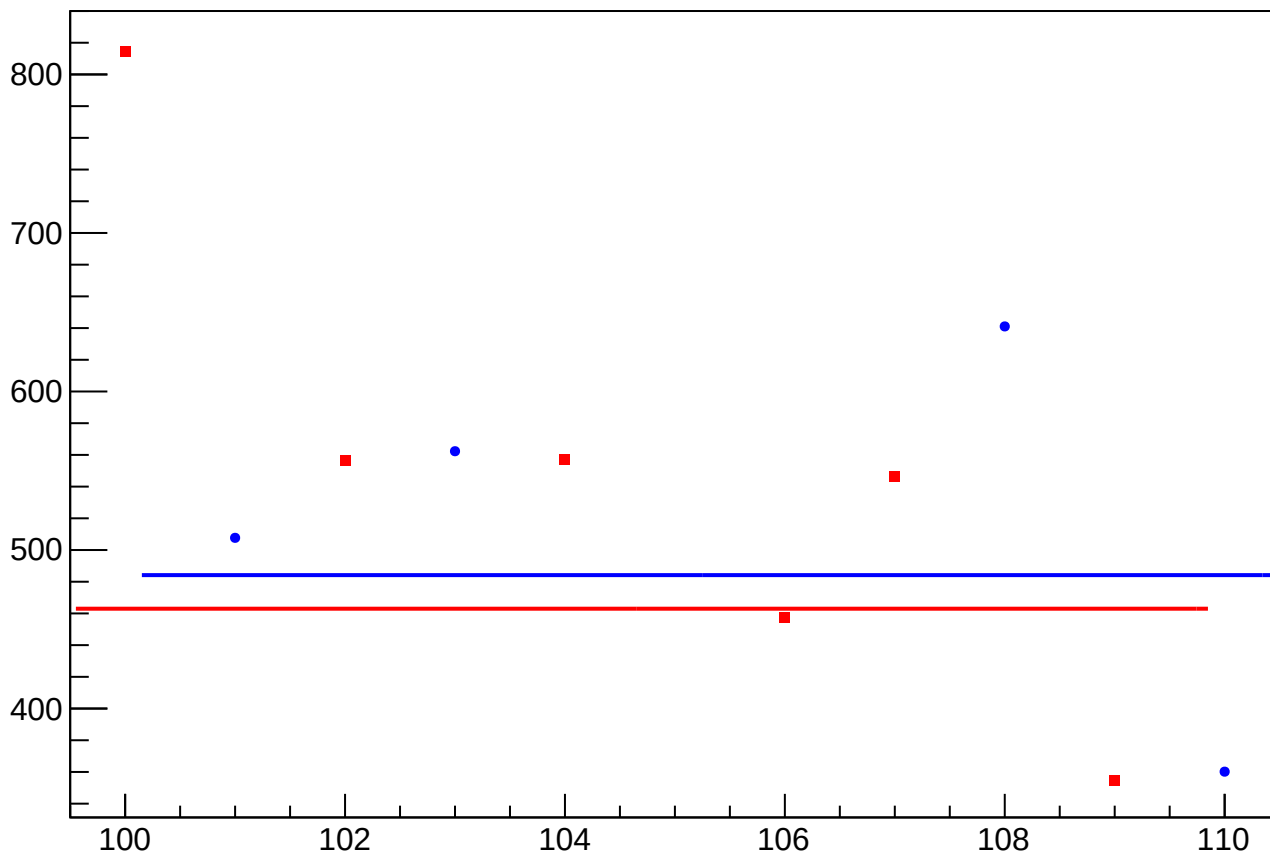
Right: 311.311+/-231.686 χ^2/NDF : 15.7/9

In: 192.550+/-347.604 χ^2/NDF : 10.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.311+/-231.686 χ^2/NDF : 15.7/9

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 484.167+/-0.246 χ^2/NDF : 161574.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.982+/-0.220 χ^2/NDF : 201544.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

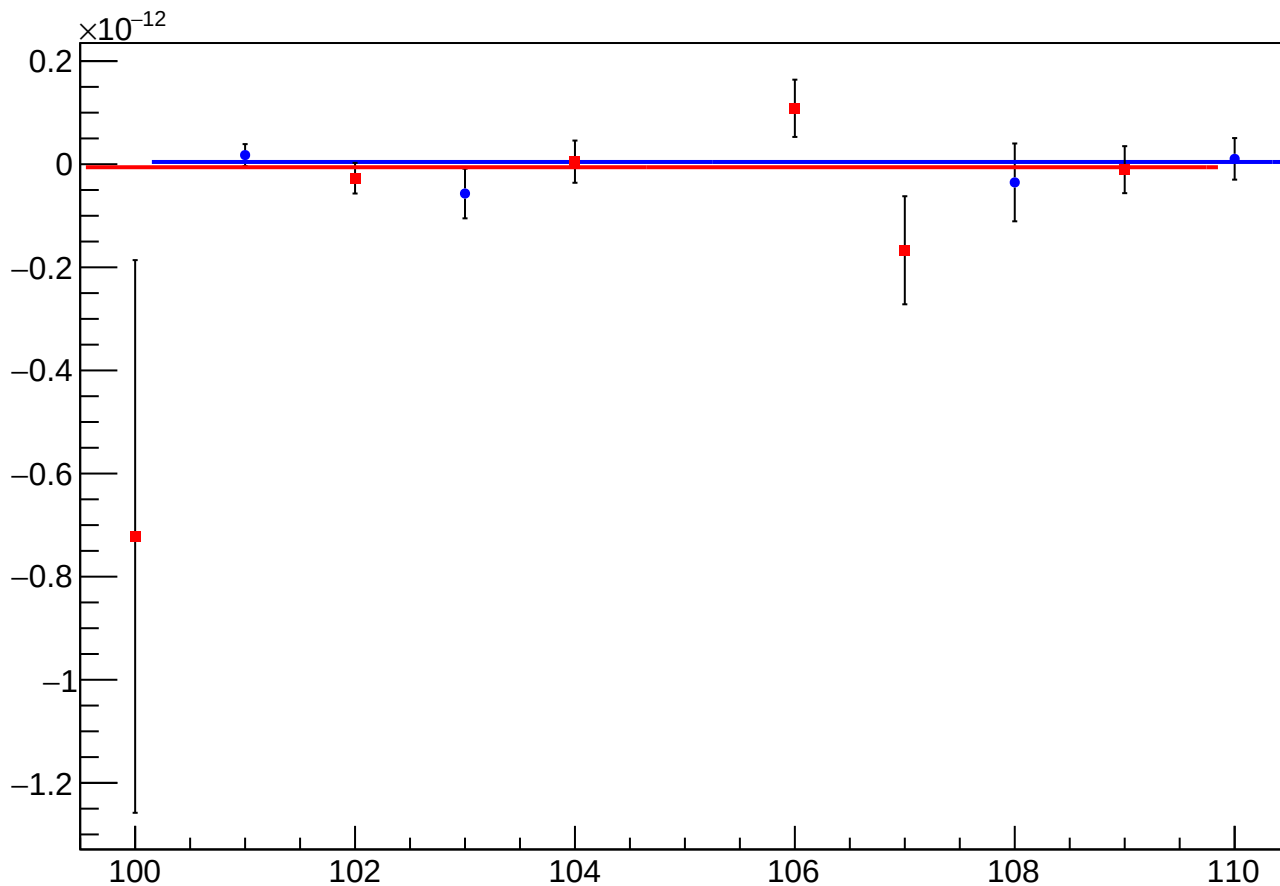
Right: 472.394+/-0.164 χ^2/NDF : 367248.1/9

In: 484.167+/-0.246 χ^2/NDF : 161574.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.394+/-0.164 χ^2/NDF : 367248.1/9

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

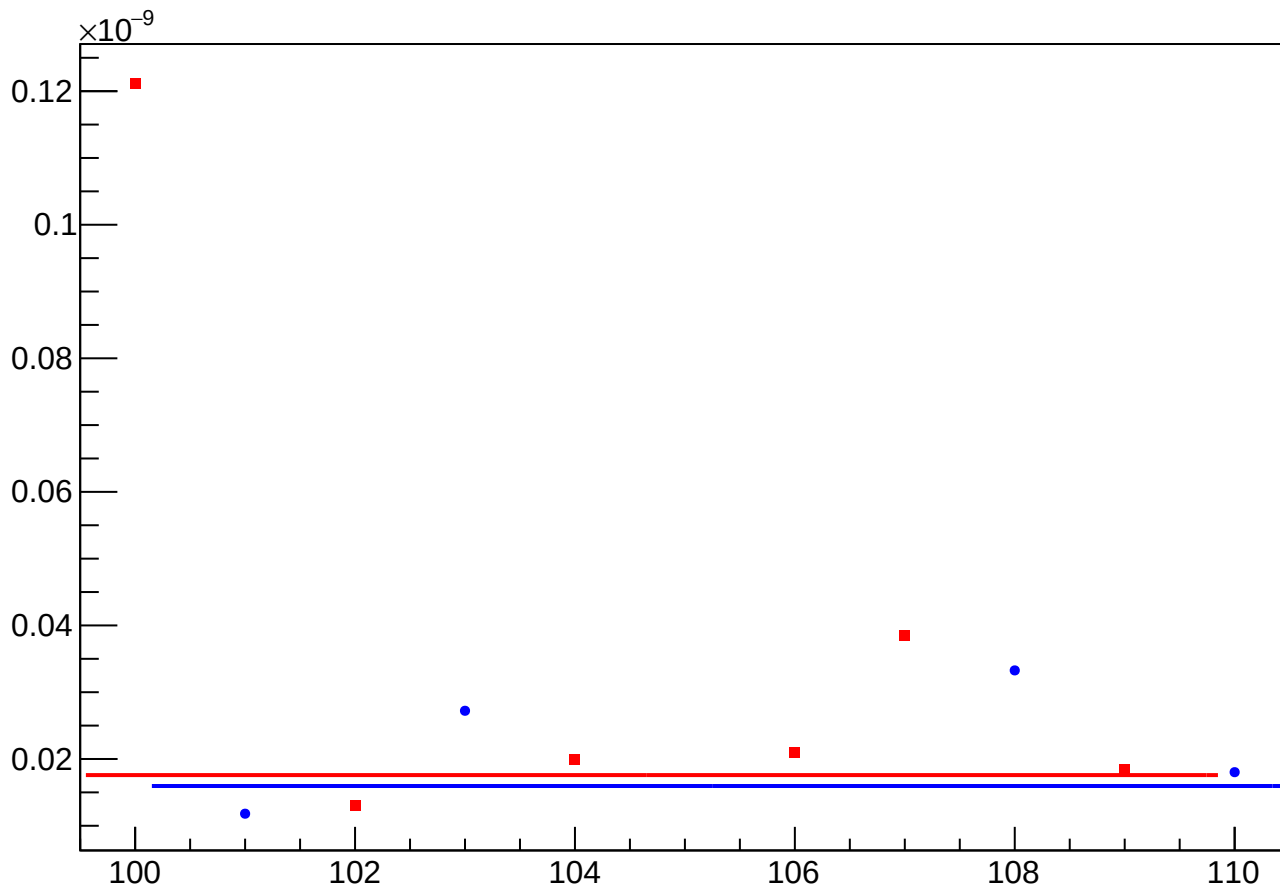
Right: -0.000+/-0.000 χ^2/NDF : 11.4/9

In: 0.000+/-0.000 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.4/9

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 296195.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 213820.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

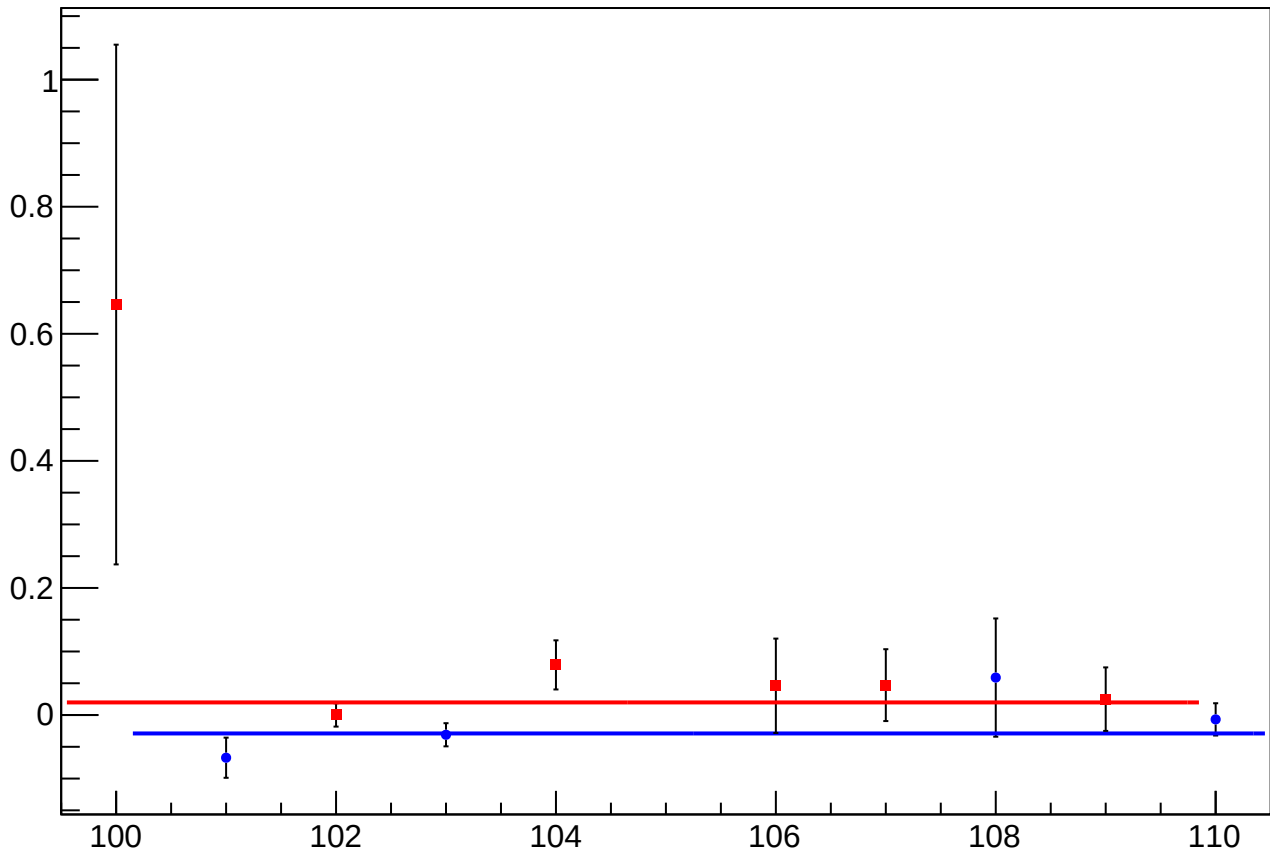
Right: 0.000+/-0.000 χ^2/NDF : 517980.6/9

In: 0.000+/-0.000 χ^2/NDF : 296195.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 517980.6/9

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.013 χ^2 /NDF: 3.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.020 $\pm$ 0.015 χ^2 /NDF: 6.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

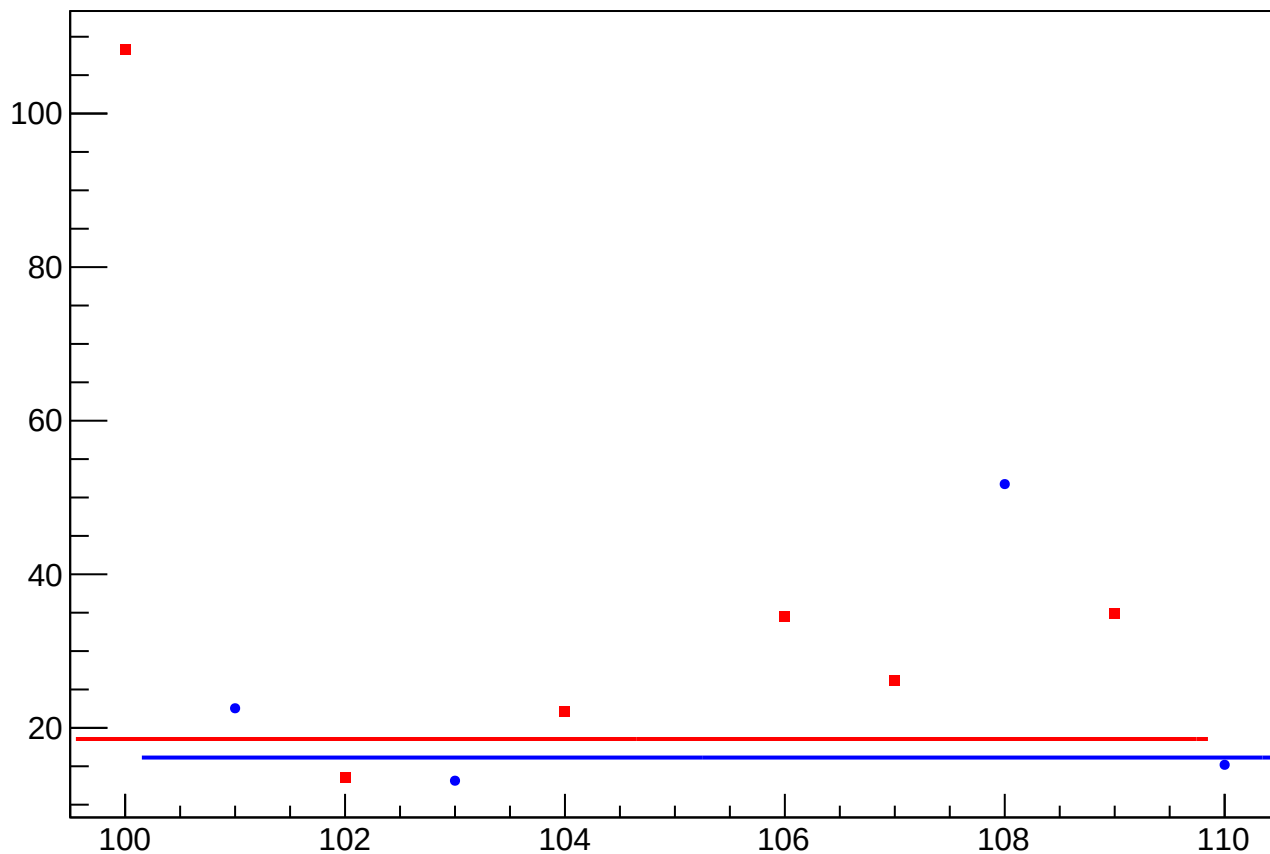
Right: -0.007 $\pm$ 0.010 χ^2 /NDF: 15.3/9

In: -0.029 $\pm$ 0.013 χ^2 /NDF:3.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.010 χ^2 /NDF: 15.3/9

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.136+/-0.009 χ^2/NDF : 432960.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.553+/-0.010 χ^2/NDF : 600376.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

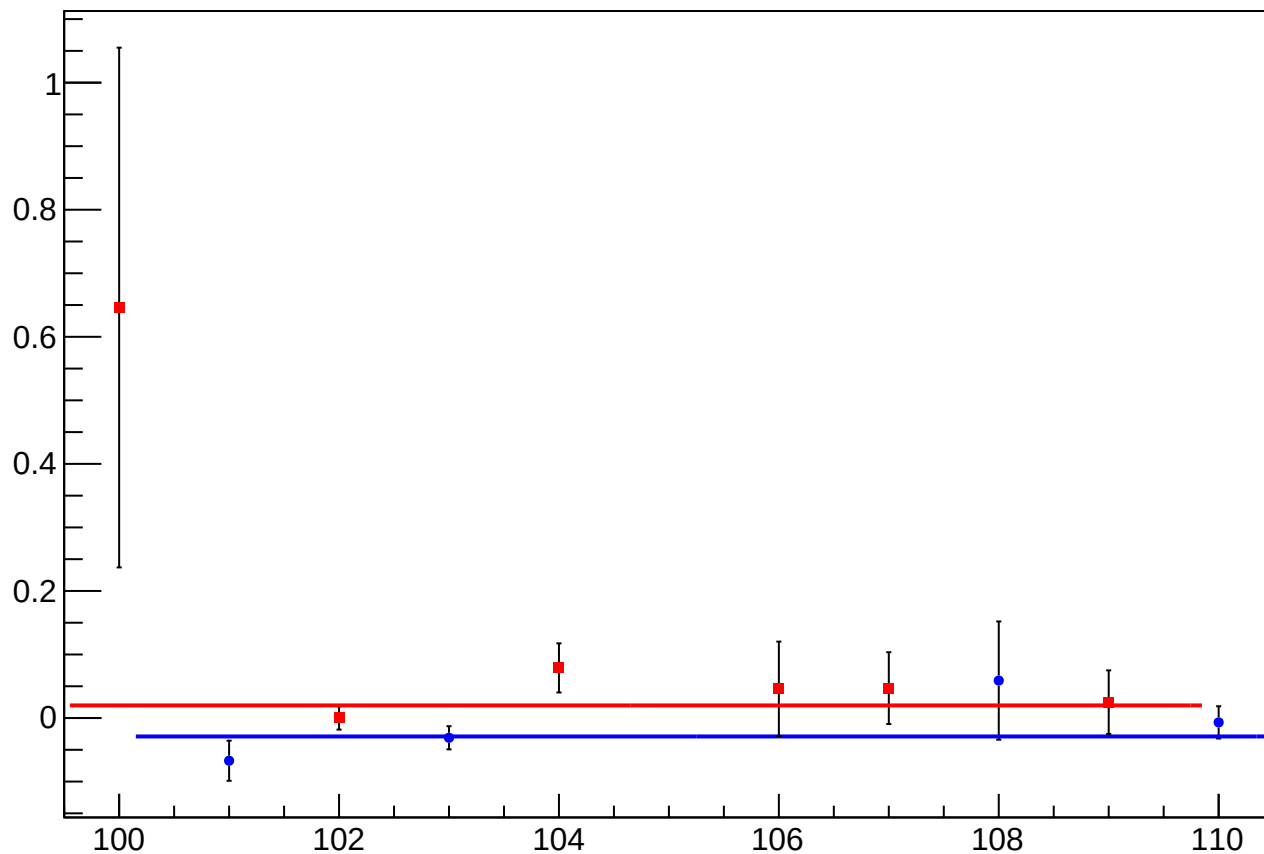
Right: 17.210+/-0.007 χ^2/NDF : 1062810.4/9

In: 16.136+/-0.009 χ^2/NDF : 432960.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.210+/-0.007 χ^2/NDF : 1062810.4/9

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.013 χ^2 /NDF: 3.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.020 $\pm$ 0.015 χ^2 /NDF: 6.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

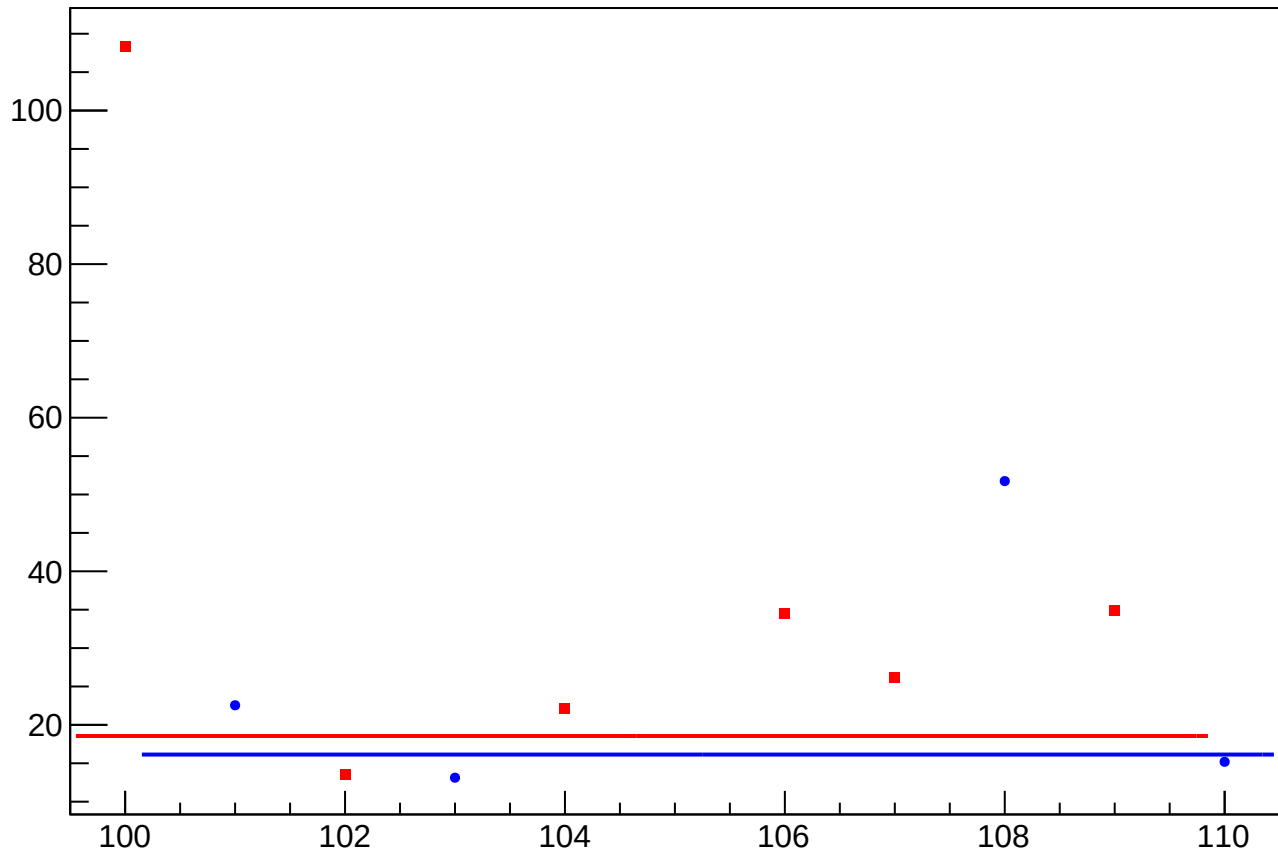
Right: -0.007 $\pm$ 0.010 χ^2 /NDF: 15.3/9

In: -0.029 $\pm$ 0.013 χ^2 /NDF:3.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.010 χ^2 /NDF: 15.3/9

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.136+/-0.009 χ^2/NDF : 432960.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.553+/-0.010 χ^2/NDF : 600376.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

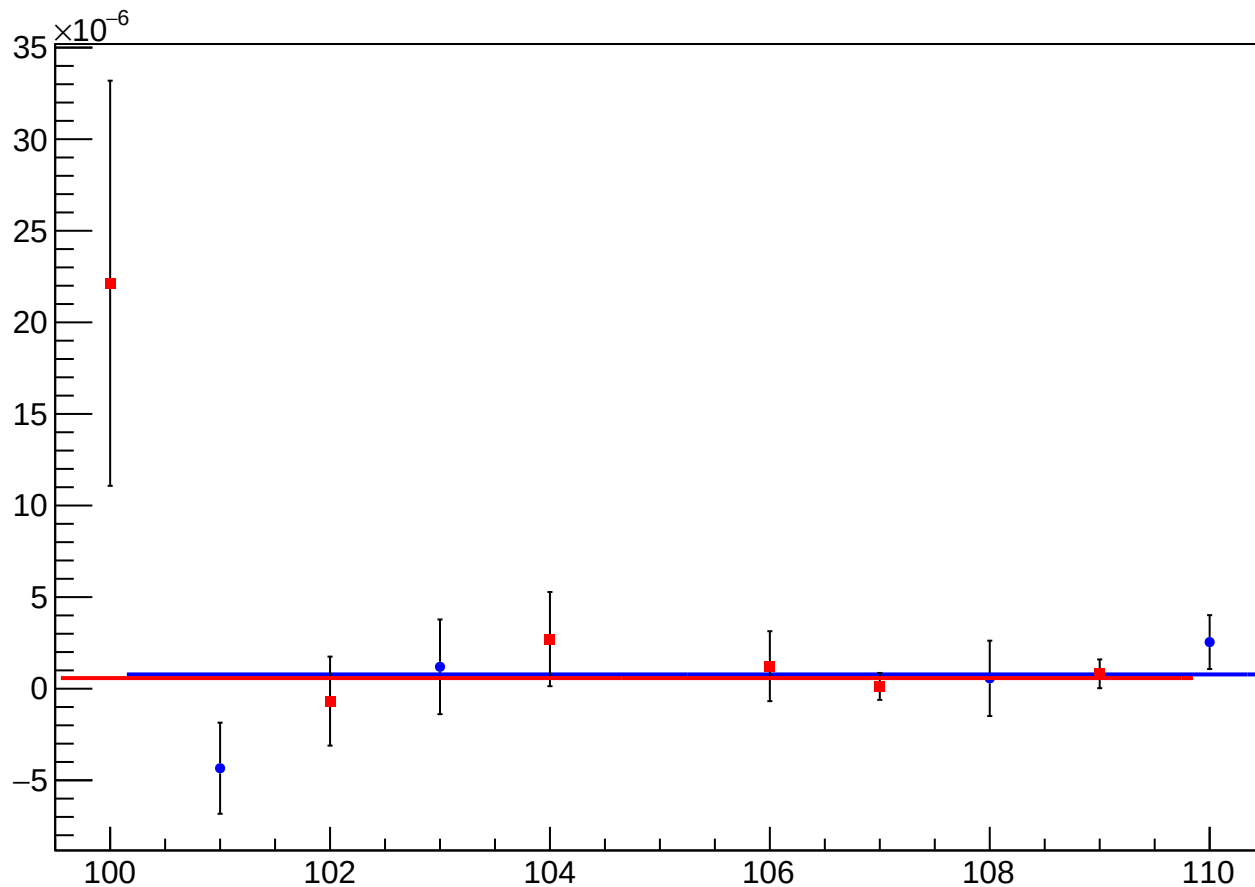
Right: 17.210+/-0.007 χ^2/NDF : 1062810.4/9

In: 16.136+/-0.009 χ^2/NDF : 432960.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.210+/-0.007 χ^2/NDF : 1062810.4/9

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

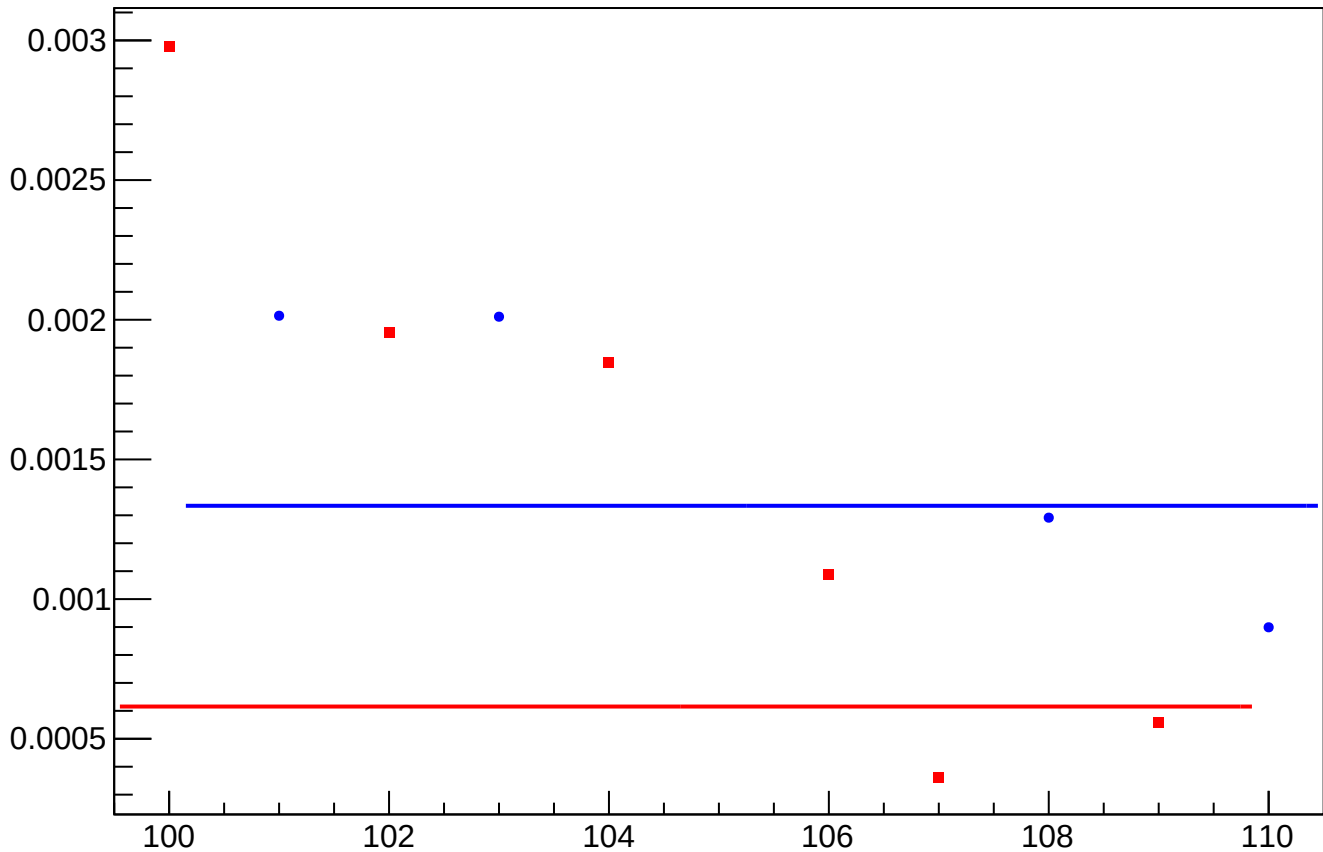
Right: 0.000+/-0.000 χ^2/NDF : 11.1/9

In: 0.000+/-0.000 χ^2/NDF : 5.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.1/9

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 462432.3/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1532041.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

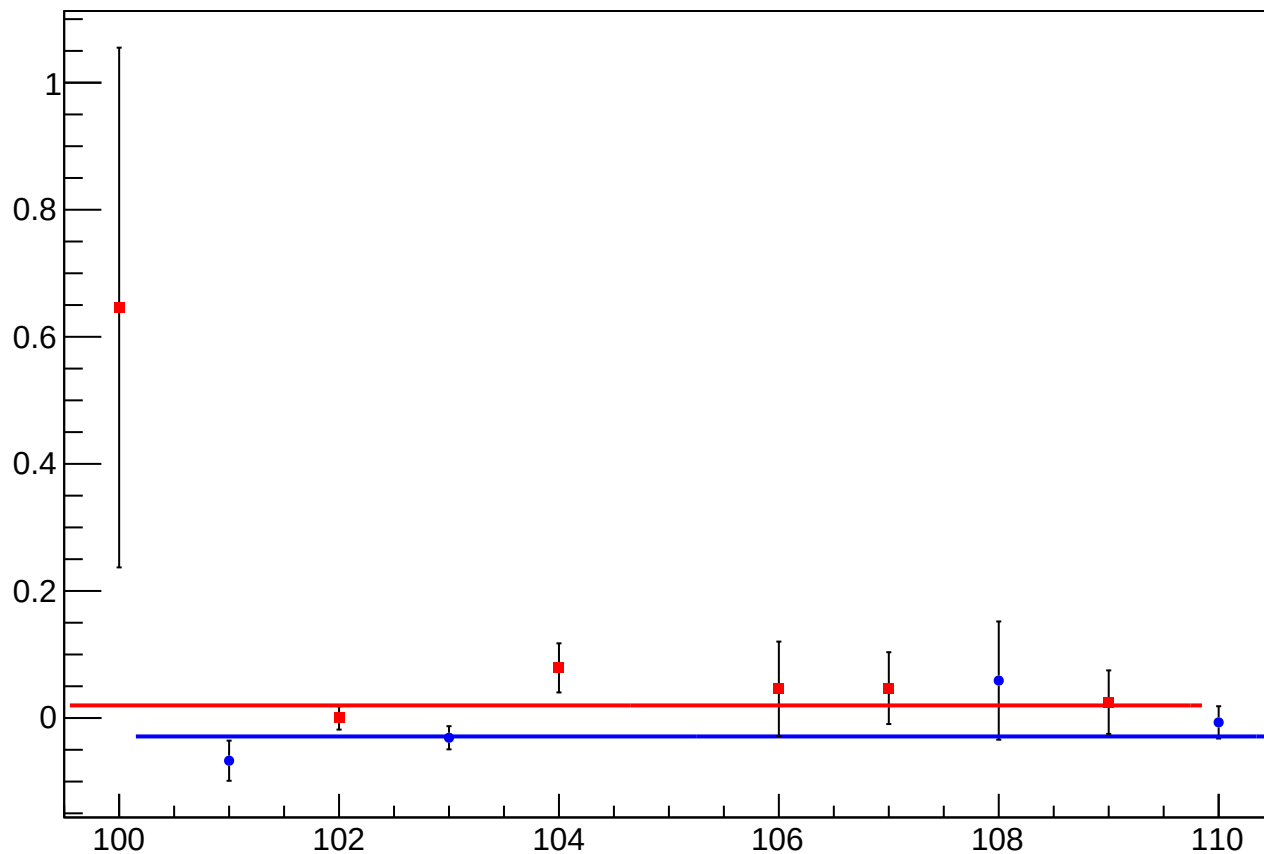
Right: 0.001+/-0.000 χ^2/NDF : 2830270.7/9

In: 0.001+/-0.000 χ^2/NDF :462432.3/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2830270.7/9

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.013 χ^2 /NDF: 3.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.020 $\pm$ 0.015 χ^2 /NDF: 6.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

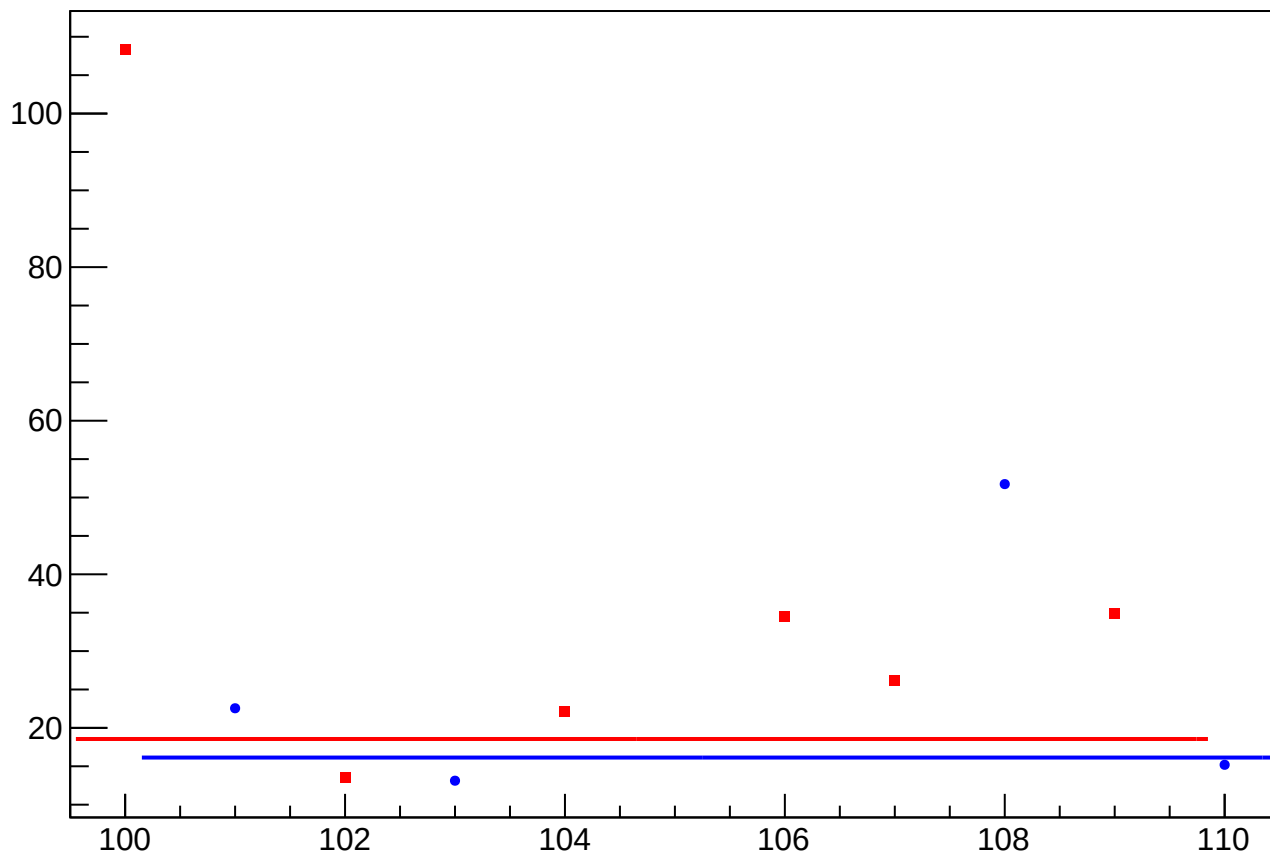
Right: -0.007 $\pm$ 0.010 χ^2 /NDF: 15.3/9

In: -0.029 $\pm$ 0.013 χ^2 /NDF:3.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.010 χ^2 /NDF: 15.3/9

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.137+/-0.009 χ^2/NDF : 432955.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.554+/-0.010 χ^2/NDF : 600288.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

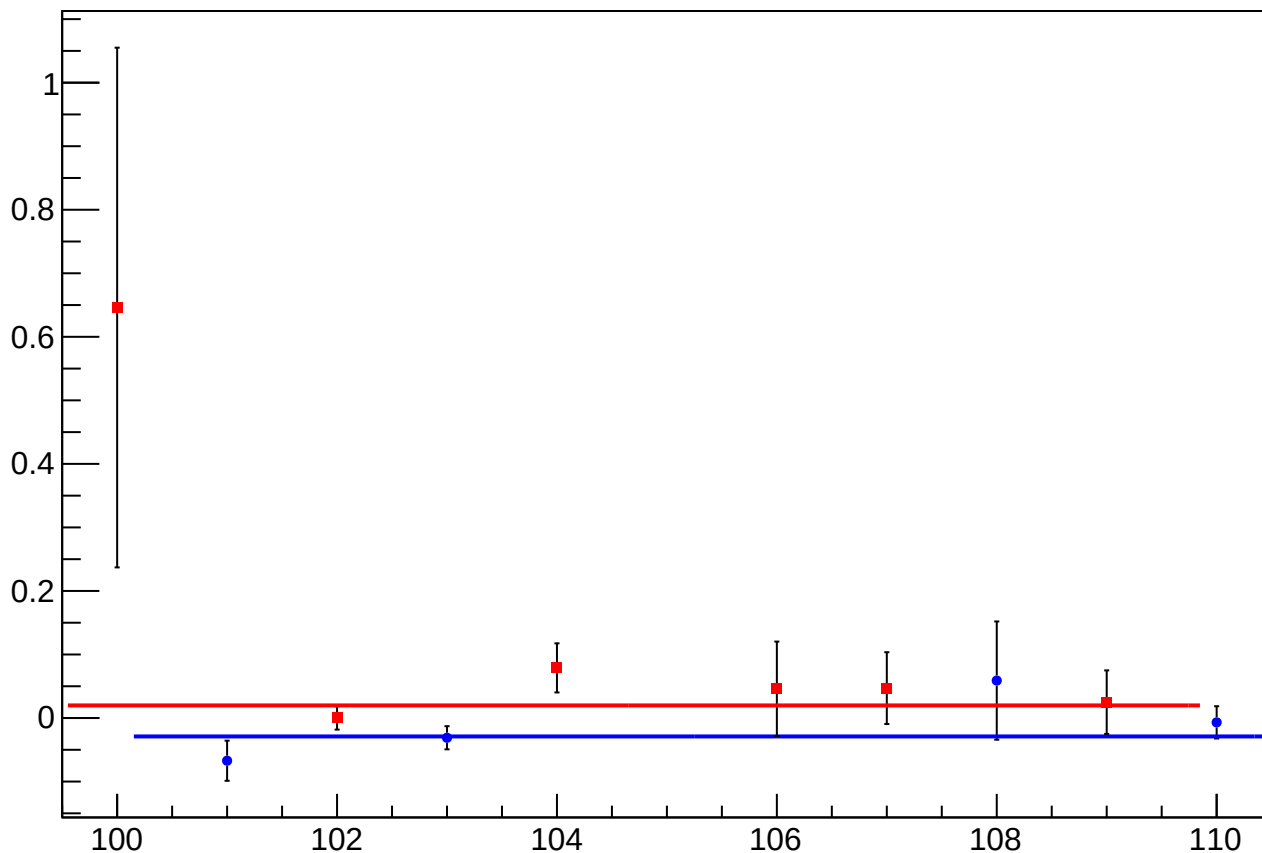
Right: 17.211+/-0.007 χ^2/NDF : 1062729.8/9

In: 16.137+/-0.009 χ^2/NDF : 432955.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.211+/-0.007 χ^2/NDF : 1062729.8/9

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.013 χ^2 /NDF: 3.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.020 $\pm$ 0.015 χ^2 /NDF: 6.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

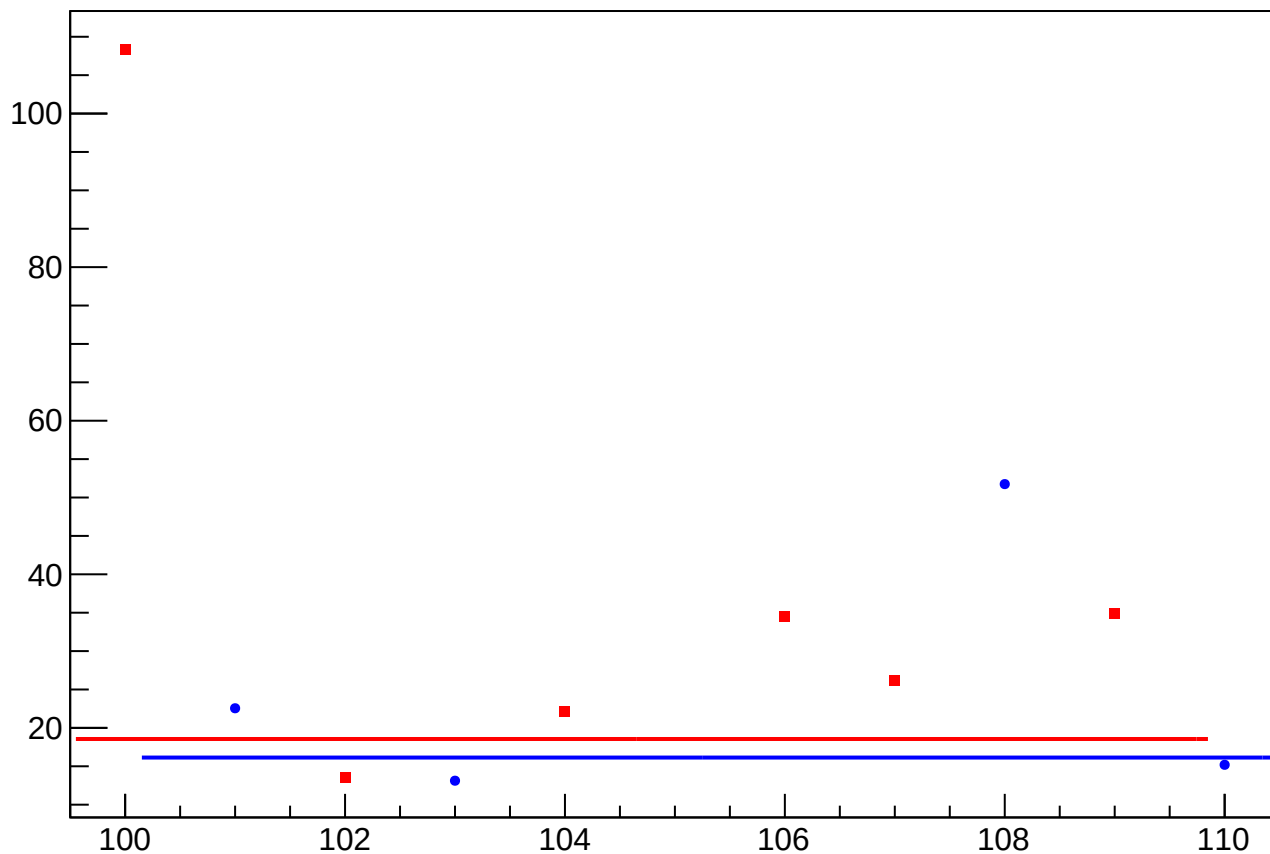
Right: -0.007 $\pm$ 0.010 χ^2 /NDF: 15.3/9

In: -0.029 $\pm$ 0.013 χ^2 /NDF:3.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.010 χ^2 /NDF: 15.3/9

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.137+/-0.009 χ^2/NDF : 432955.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.554+/-0.010 χ^2/NDF : 600288.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

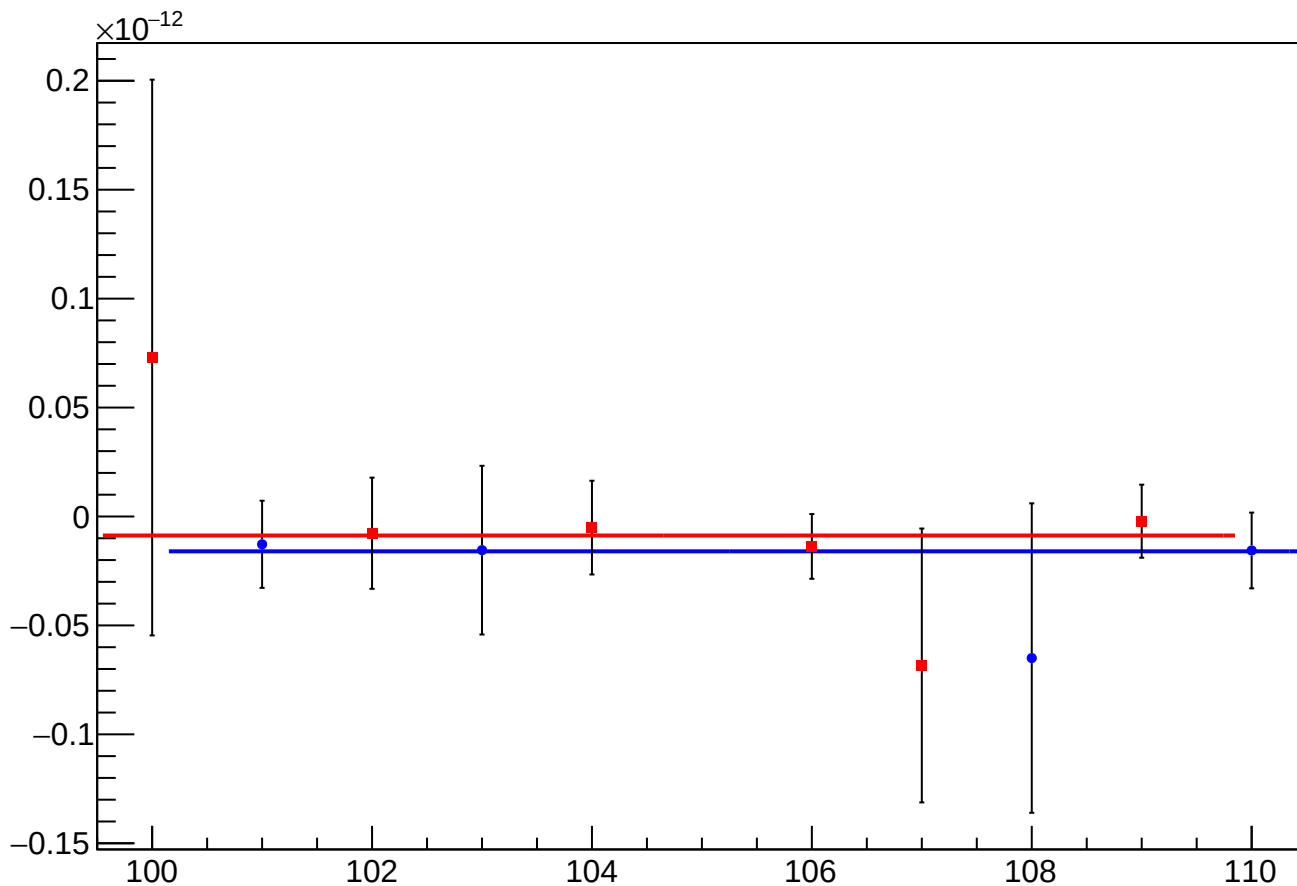
Right: 17.211+/-0.007 χ^2/NDF : 1062729.8/9

In: 16.137+/-0.009 χ^2/NDF : 432955.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.211+/-0.007 χ^2/NDF : 1062729.8/9

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 1.6/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

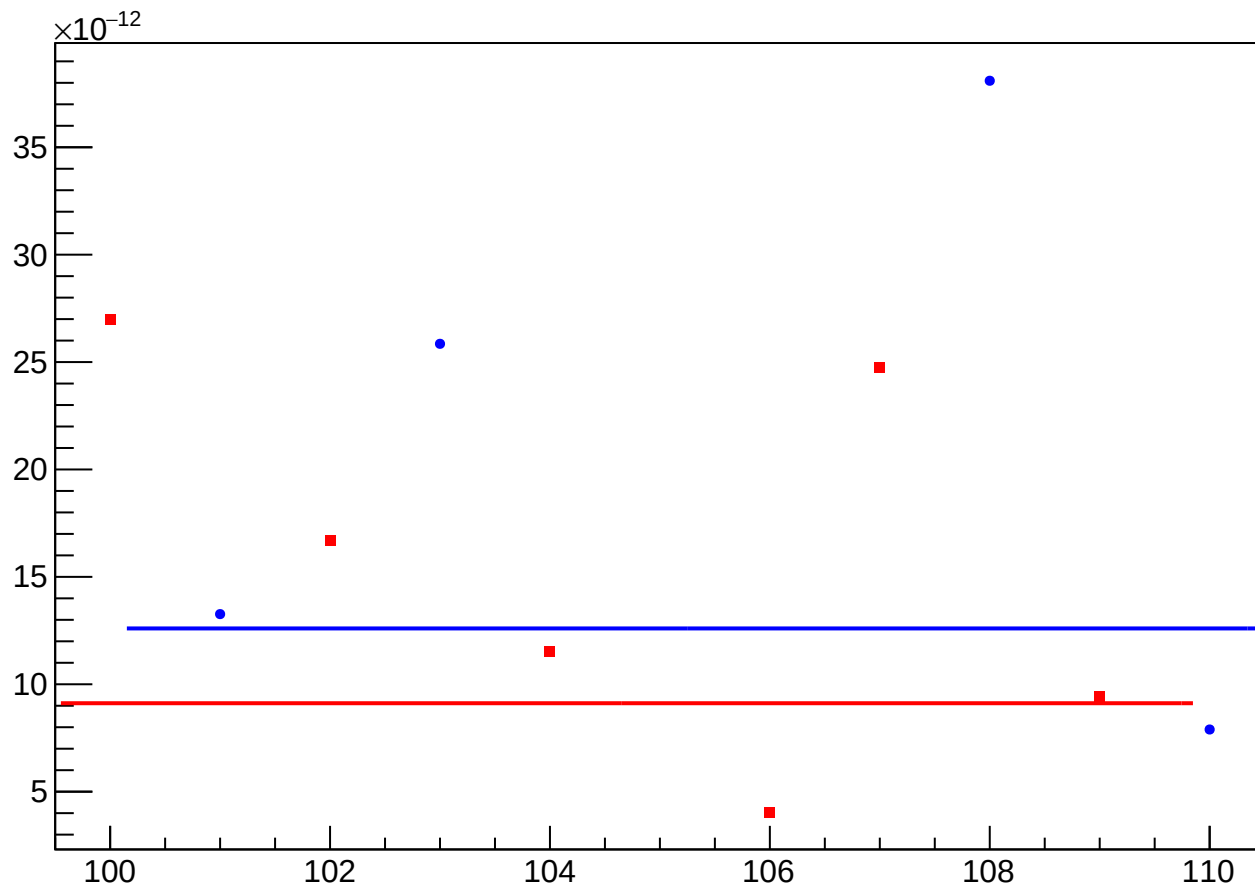
Right: -0.000+/-0.000 χ^2 /NDF: 2.3/9

In: -0.000+/-0.000 χ^2 /NDF:0.5/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 2.3/9

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 640763.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 599636.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

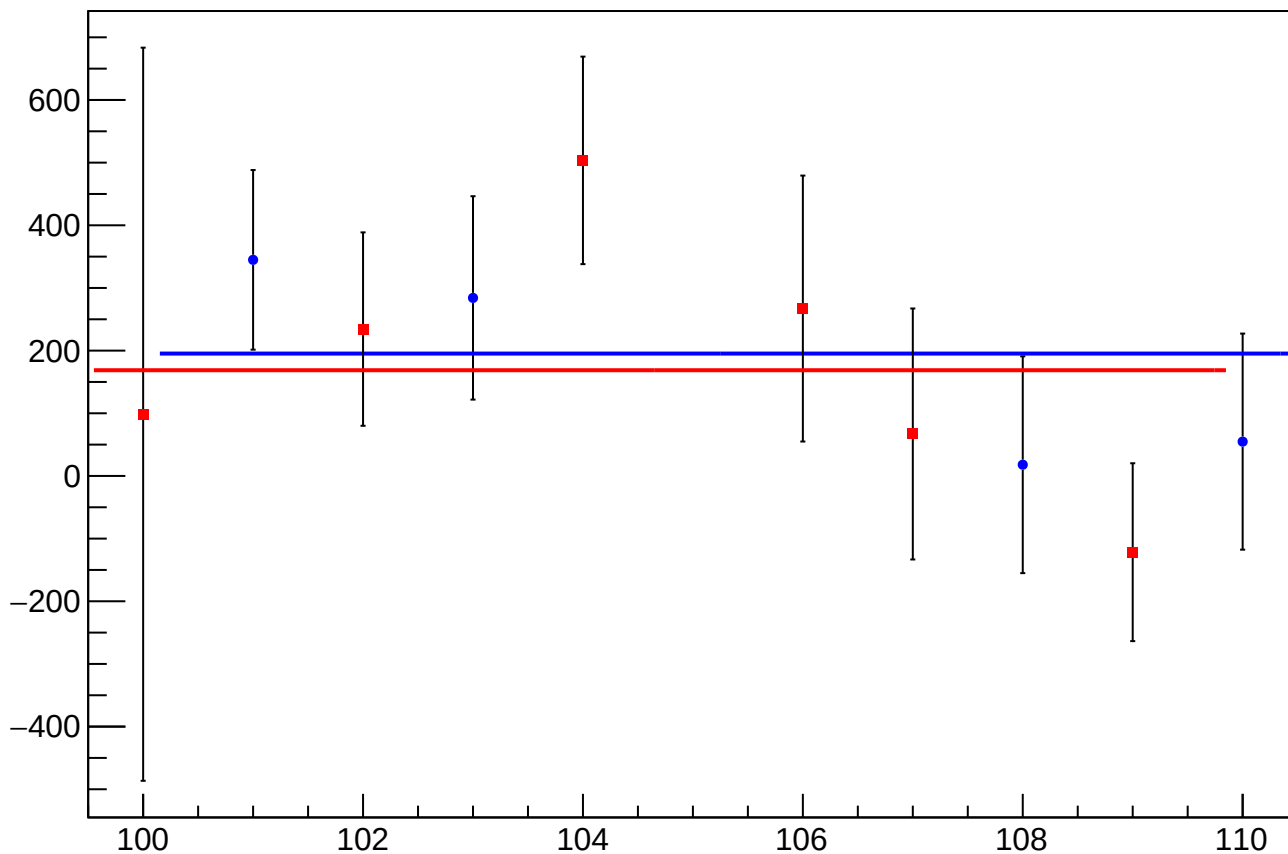
Right: 0.000+/-0.000 χ^2/NDF : 1344665.0/9

In: 0.000+/-0.000 χ^2/NDF : 640763.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1344665.0/9

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 195.289+/-80.658 χ^2/NDF : 3.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.713+/-74.921 χ^2/NDF : 8.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

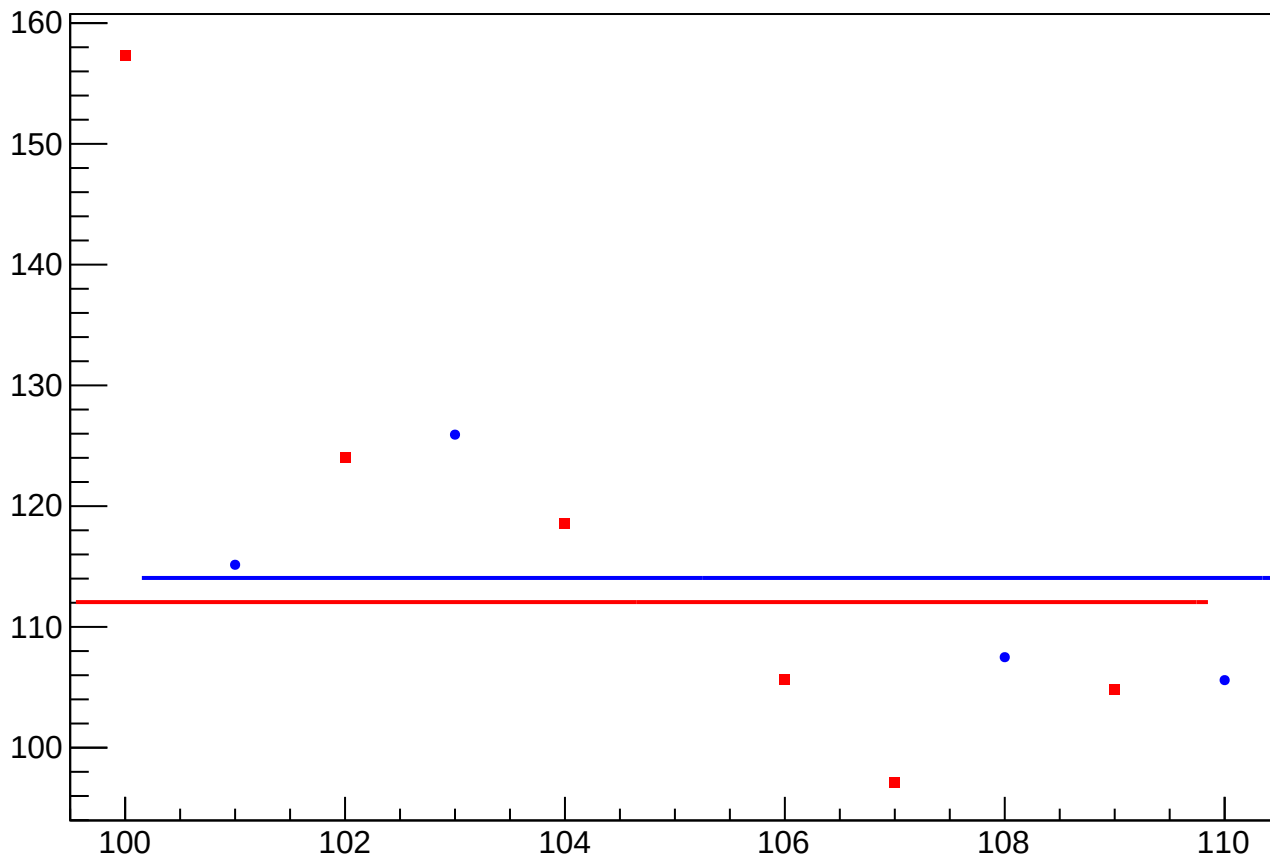
Right: 181.023+/-54.893 χ^2/NDF : 12.1/9

In: 195.289+/-80.658 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.023+/-54.893 χ^2/NDF : 12.1/9

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 114.054+/-0.057 χ^2/NDF : 18505.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.056+/-0.053 χ^2/NDF : 45312.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

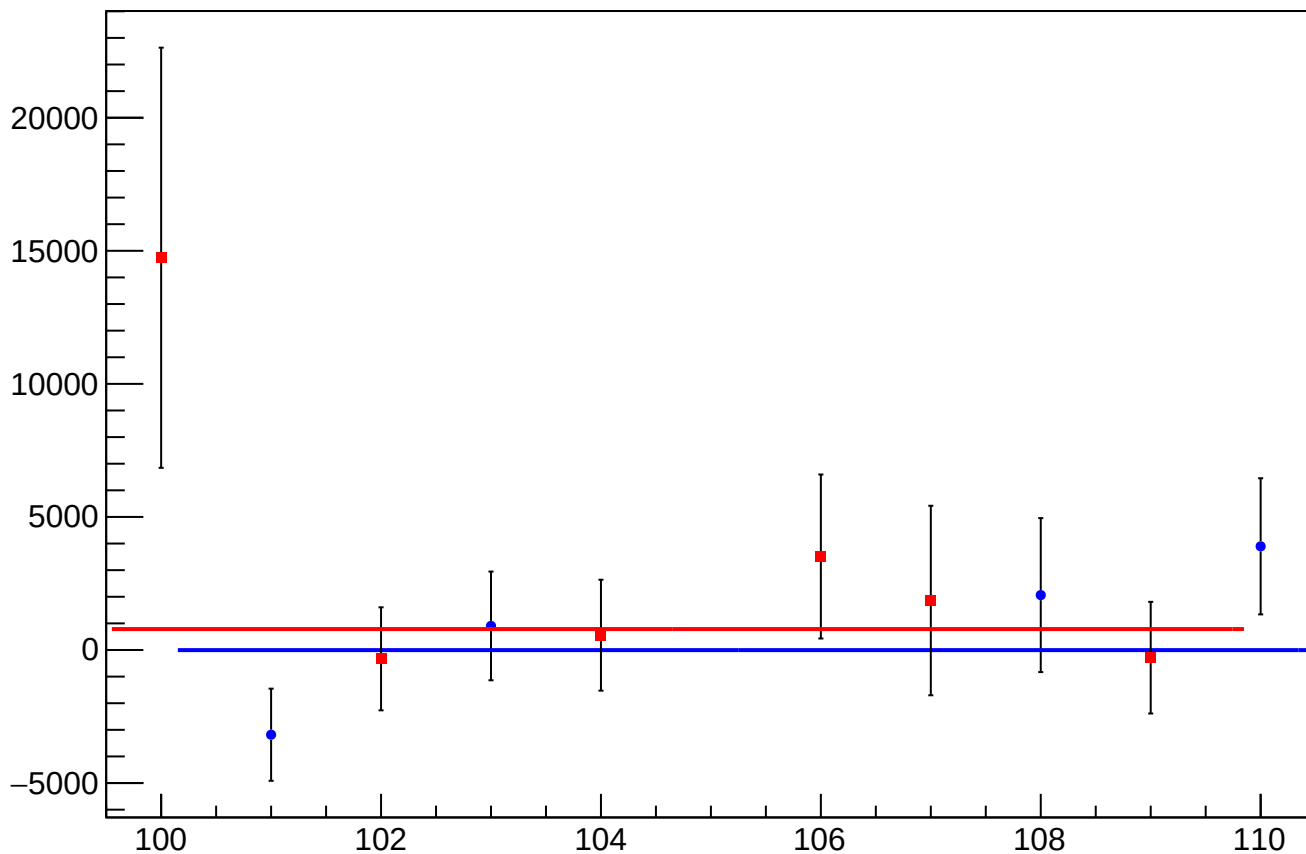
Right: 112.981+/-0.039 χ^2/NDF : 64476.5/9

In: 114.054+/-0.057 χ^2/NDF : 18505.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.981+/-0.039 χ^2/NDF : 64476.5/9

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -4.592 ± 1087.452 χ^2/NDF : 6.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 786.342 ± 1040.002 χ^2/NDF : 4.6/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

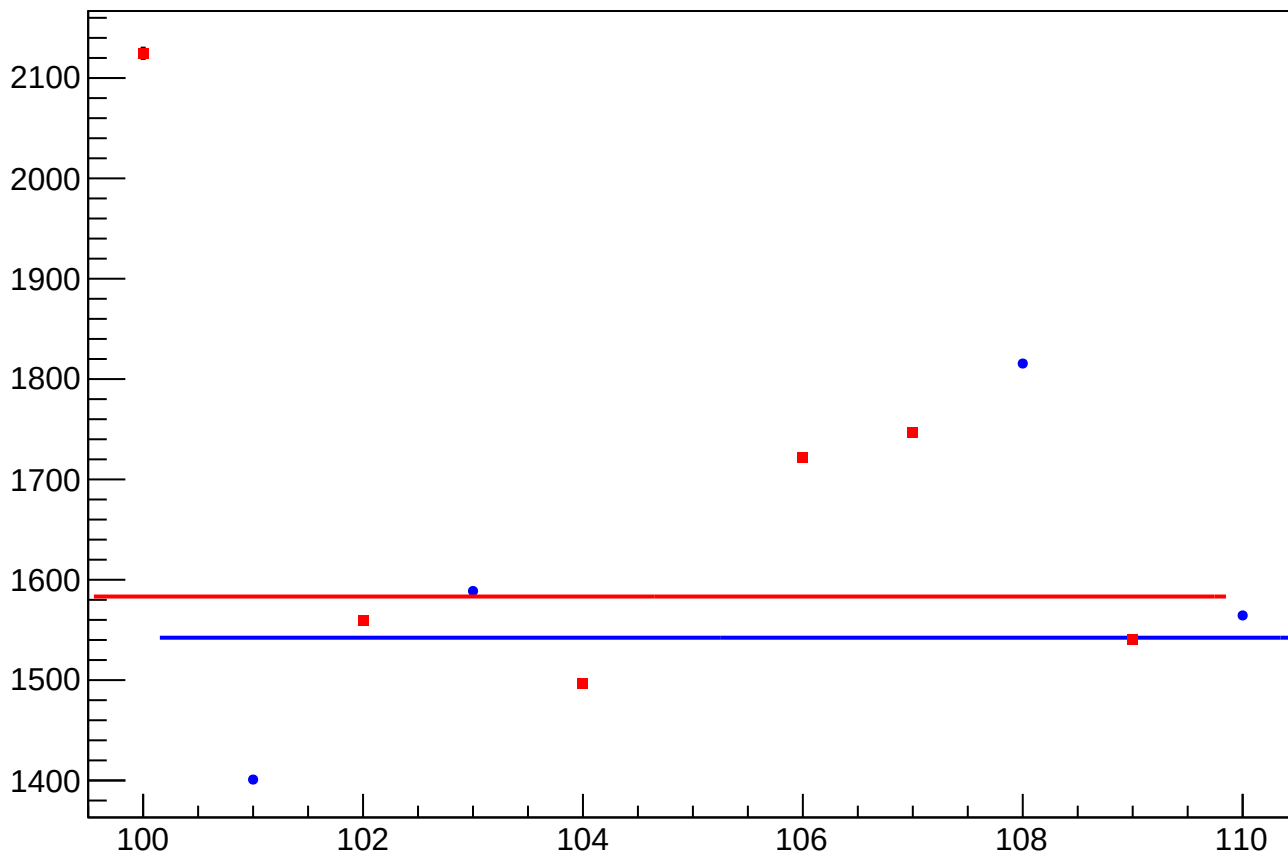
Right: 408.507 ± 751.608 χ^2/NDF : 11.3/9

In: -4.592 ± 1087.452 χ^2/NDF : 6.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 408.507 ± 751.608 χ^2/NDF : 11.3/9

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1542.262+/-0.769 χ^2/NDF : 32358.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1583.299+/-0.735 χ^2/NDF : 22329.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

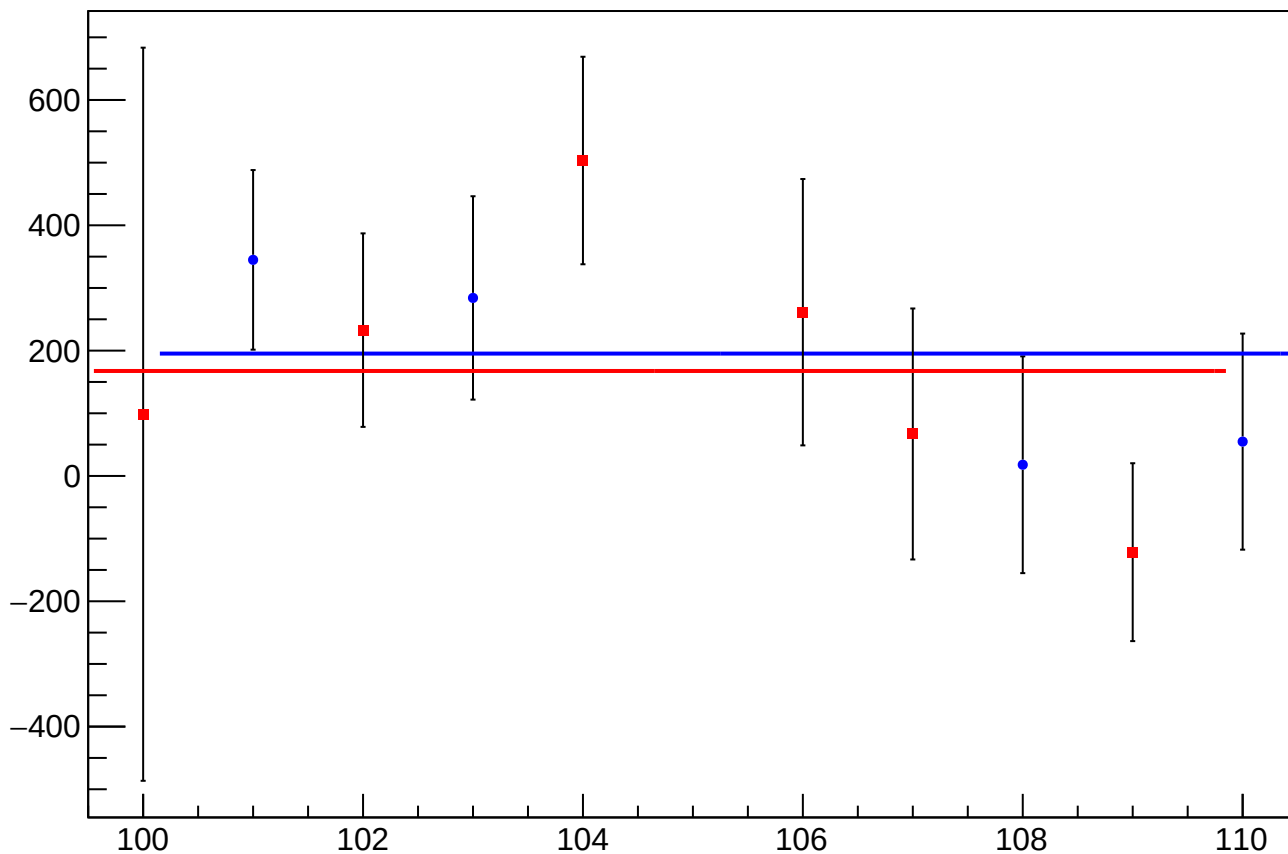
Right: 1563.695+/-0.531 χ^2/NDF : 56175.4/9

In: 1542.262+/-0.769 χ^2/NDF : 32358.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1563.695+/-0.531 χ^2/NDF : 56175.4/9

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 195.284 $\pm$ 80.658 χ^2 /NDF: 3.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 167.522 $\pm$ 74.944 χ^2 /NDF: 8.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

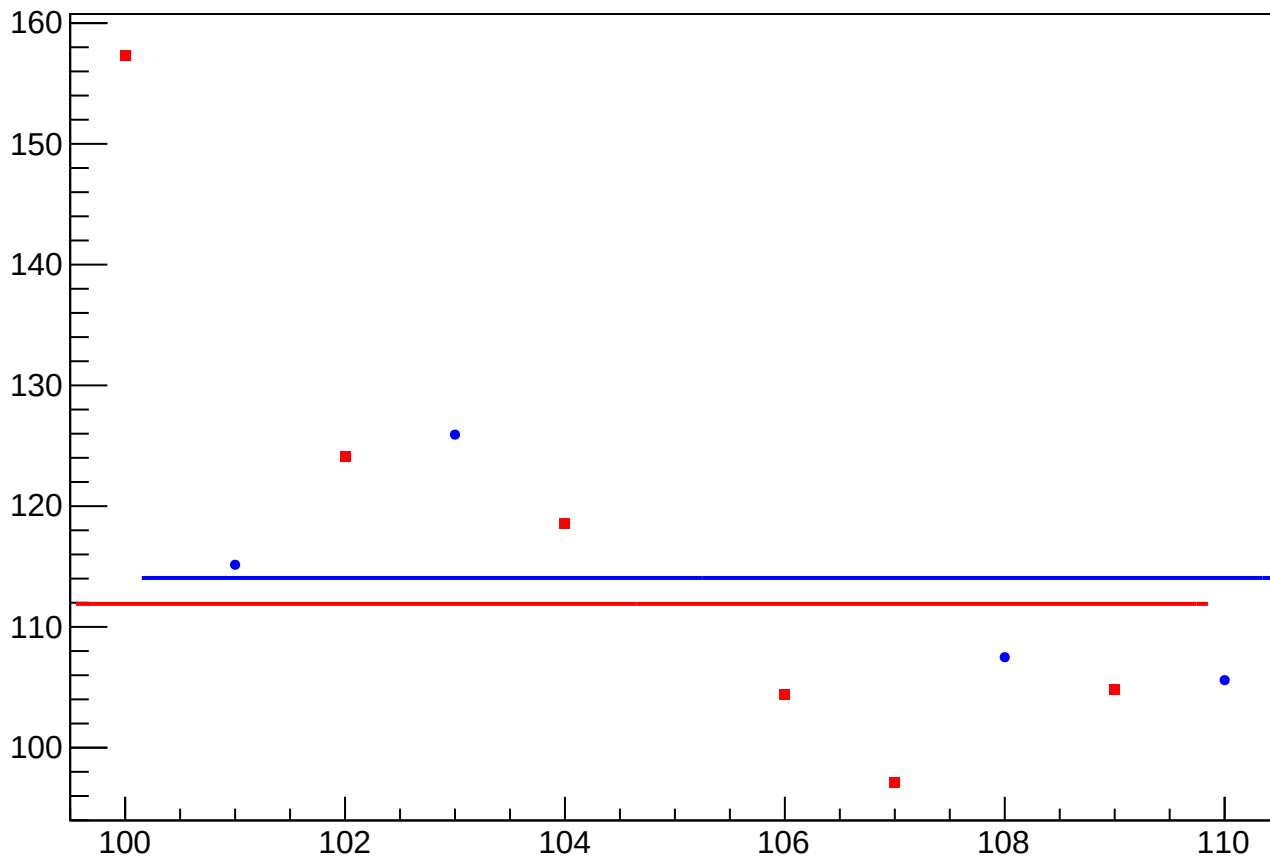
Right: 180.385 $\pm$ 54.902 χ^2 /NDF: 12.1/9

In: 195.284 $\pm$ 80.658 χ^2 /NDF: 3.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 180.385 $\pm$ 54.902 χ^2 /NDF: 12.1/9

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 114.054+/-0.057 χ^2/NDF : 18505.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.909+/-0.053 χ^2/NDF : 46206.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

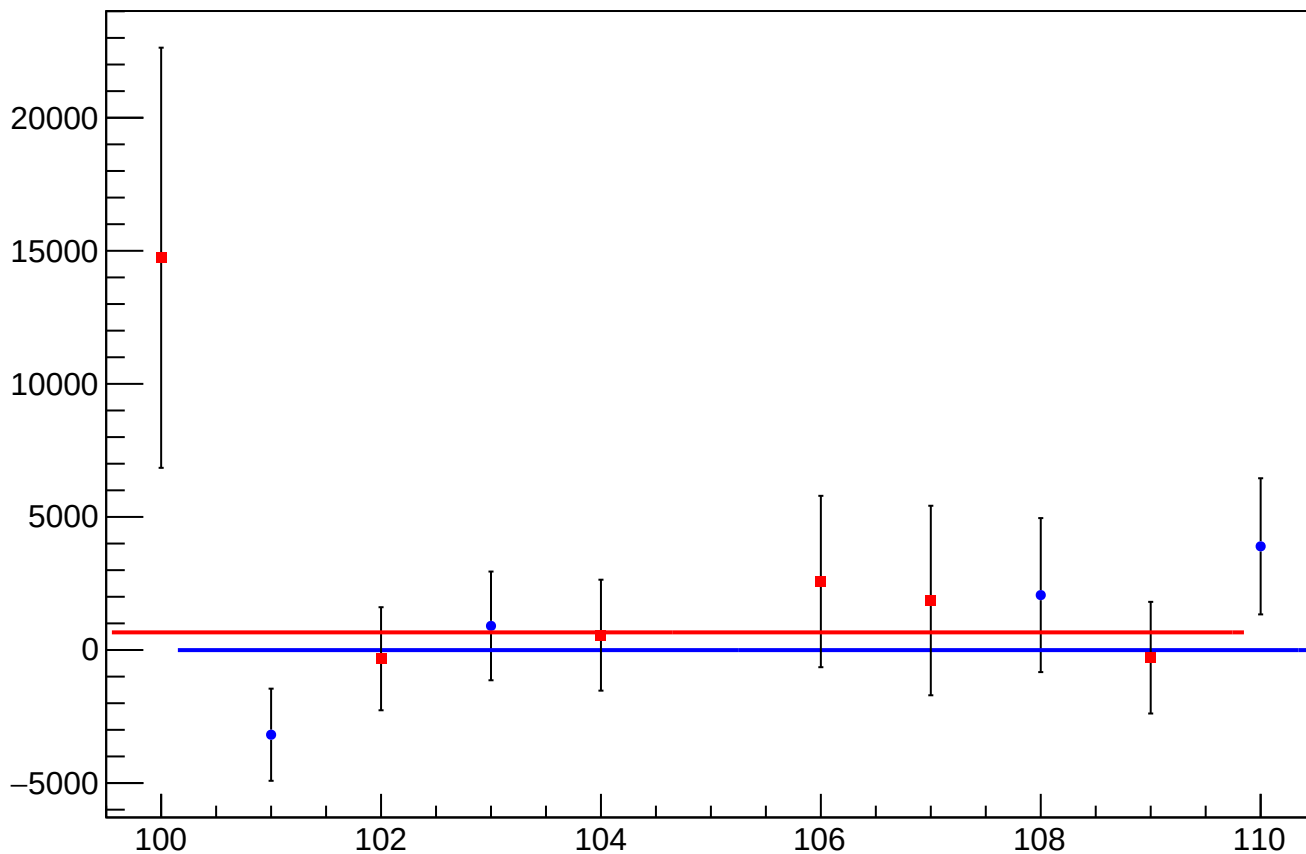
Right: 112.903+/-0.039 χ^2/NDF : 65472.0/9

In: 114.054+/-0.057 χ^2/NDF : 18505.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.903+/-0.039 χ^2/NDF : 65472.0/9

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -4.472+/-1087.464 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.183+/-1045.146 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

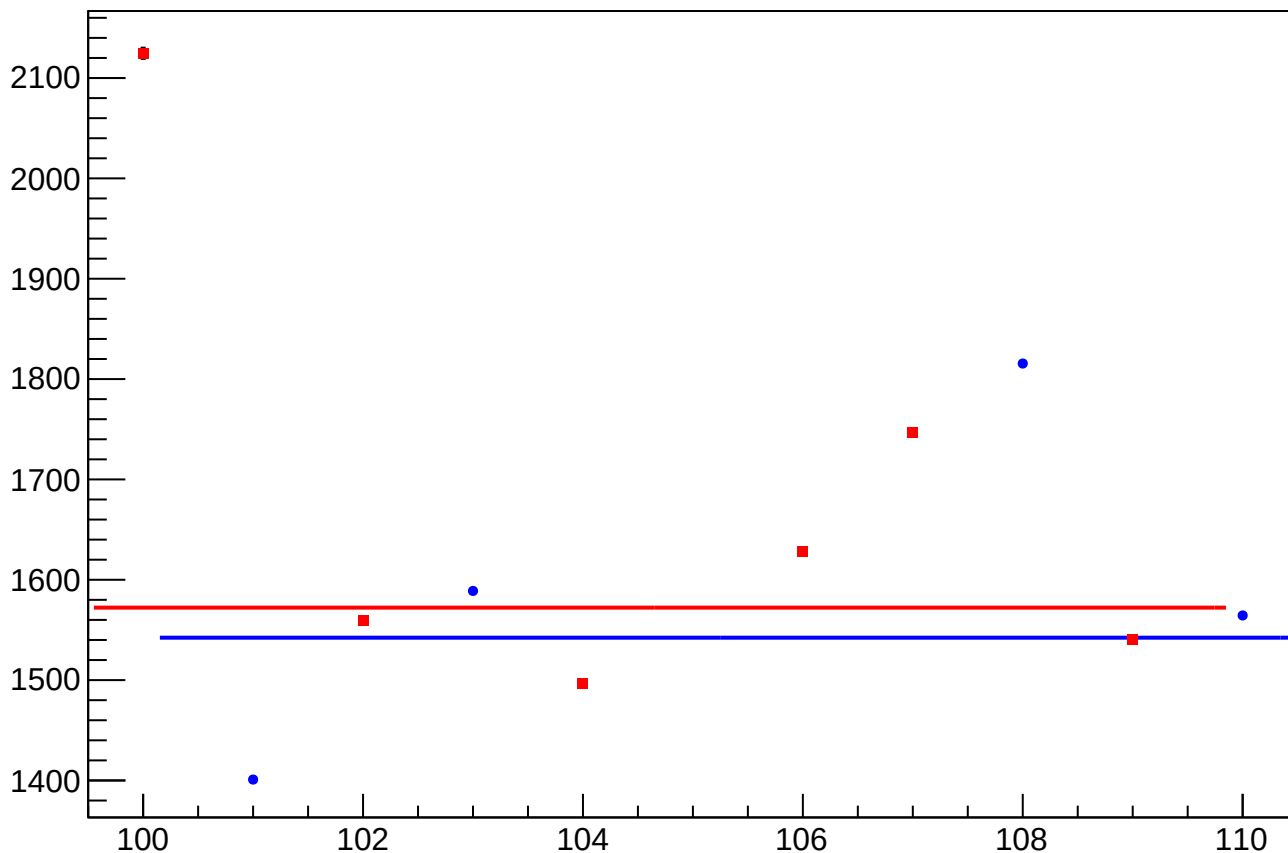
Right: 342.079+/-753.546 χ^2/NDF : 10.7/9

In: -4.472+/-1087.464 χ^2/NDF : 6.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.079+/-753.546 χ^2/NDF : 10.7/9

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1542.279+/-0.769 χ^2/NDF : 32361.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1572.236+/-0.739 χ^2/NDF : 18405.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

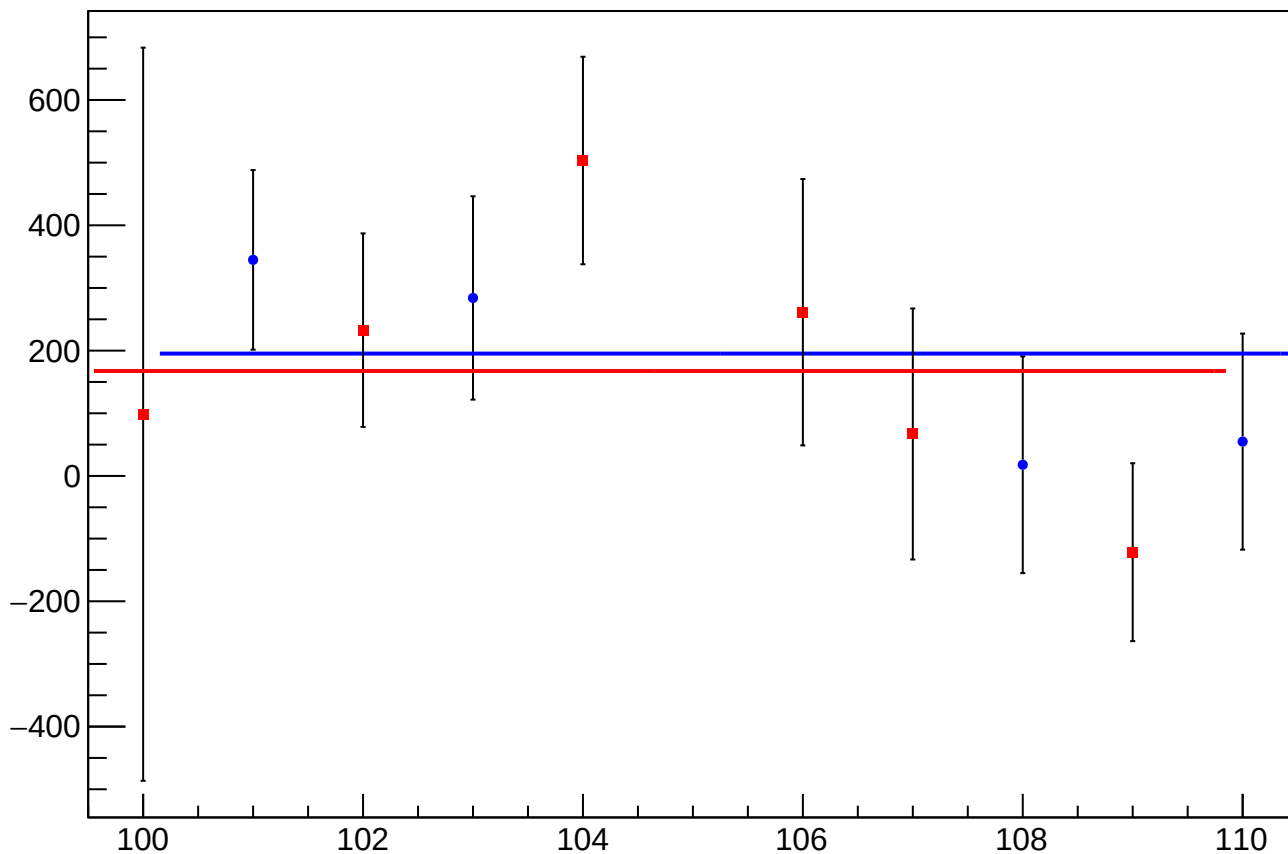
Right: 1557.851+/-0.533 χ^2/NDF : 51555.5/9

In: 1542.279+/-0.769 χ^2/NDF : 32361.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1557.851+/-0.533 χ^2/NDF : 51555.5/9

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 195.284 $\pm$ 80.658 χ^2 /NDF: 3.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 167.522 $\pm$ 74.944 χ^2 /NDF: 8.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

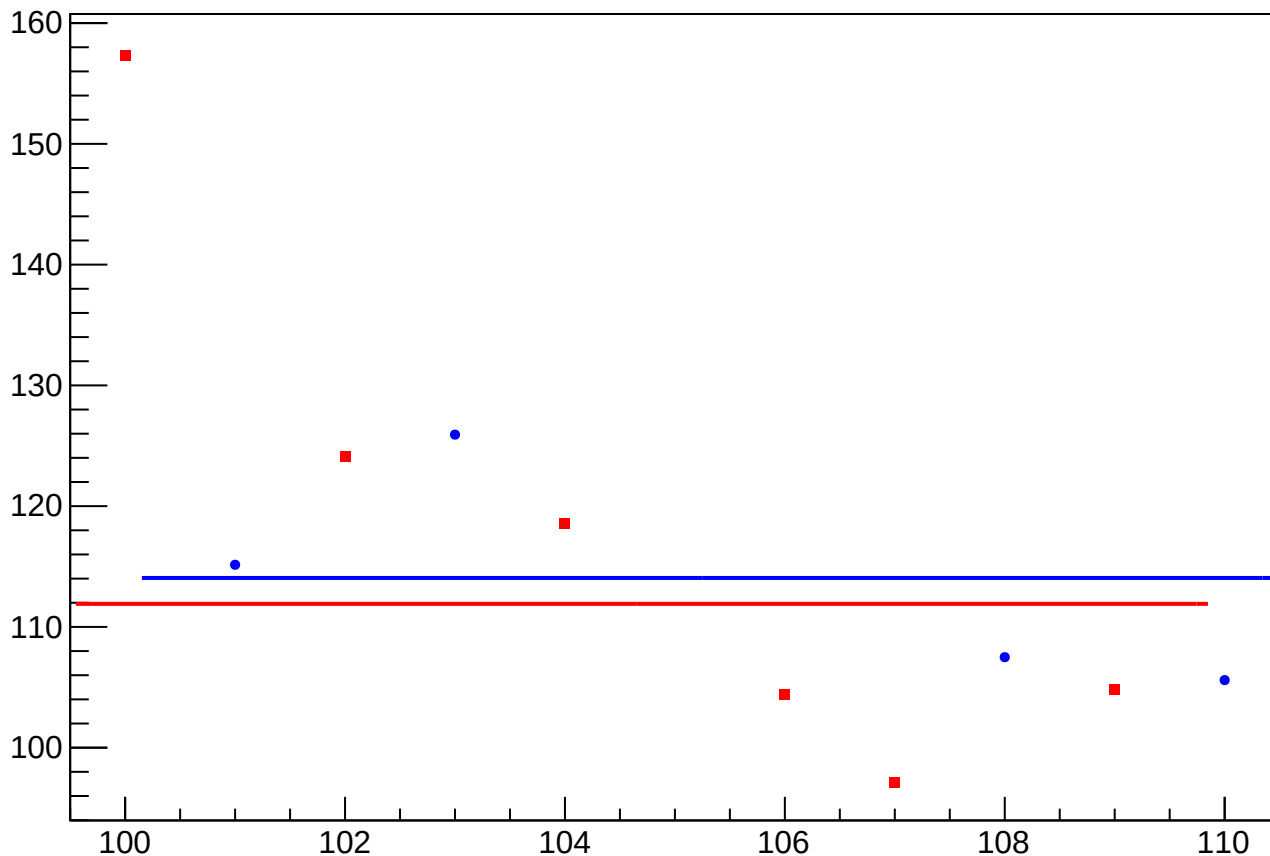
Right: 180.385 $\pm$ 54.902 χ^2 /NDF: 12.1/9

In: 195.284 $\pm$ 80.658 χ^2 /NDF: 3.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 180.385 $\pm$ 54.902 χ^2 /NDF: 12.1/9

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 114.054+/-0.057 χ^2/NDF : 18505.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.909+/-0.053 χ^2/NDF : 46206.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

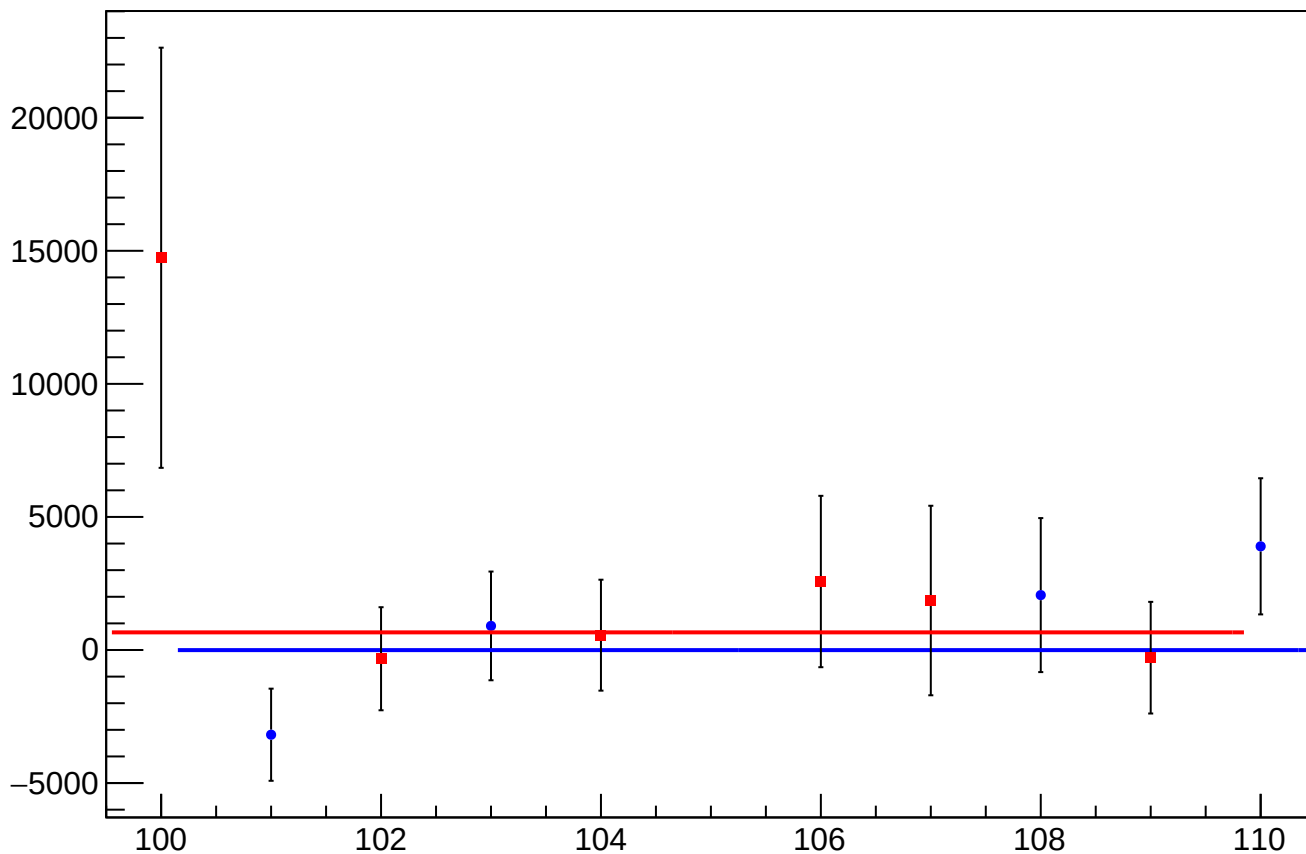
Right: 112.903+/-0.039 χ^2/NDF : 65472.0/9

In: 114.054+/-0.057 χ^2/NDF : 18505.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.903+/-0.039 χ^2/NDF : 65472.0/9

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4.472+/-1087.464 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.183+/-1045.146 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

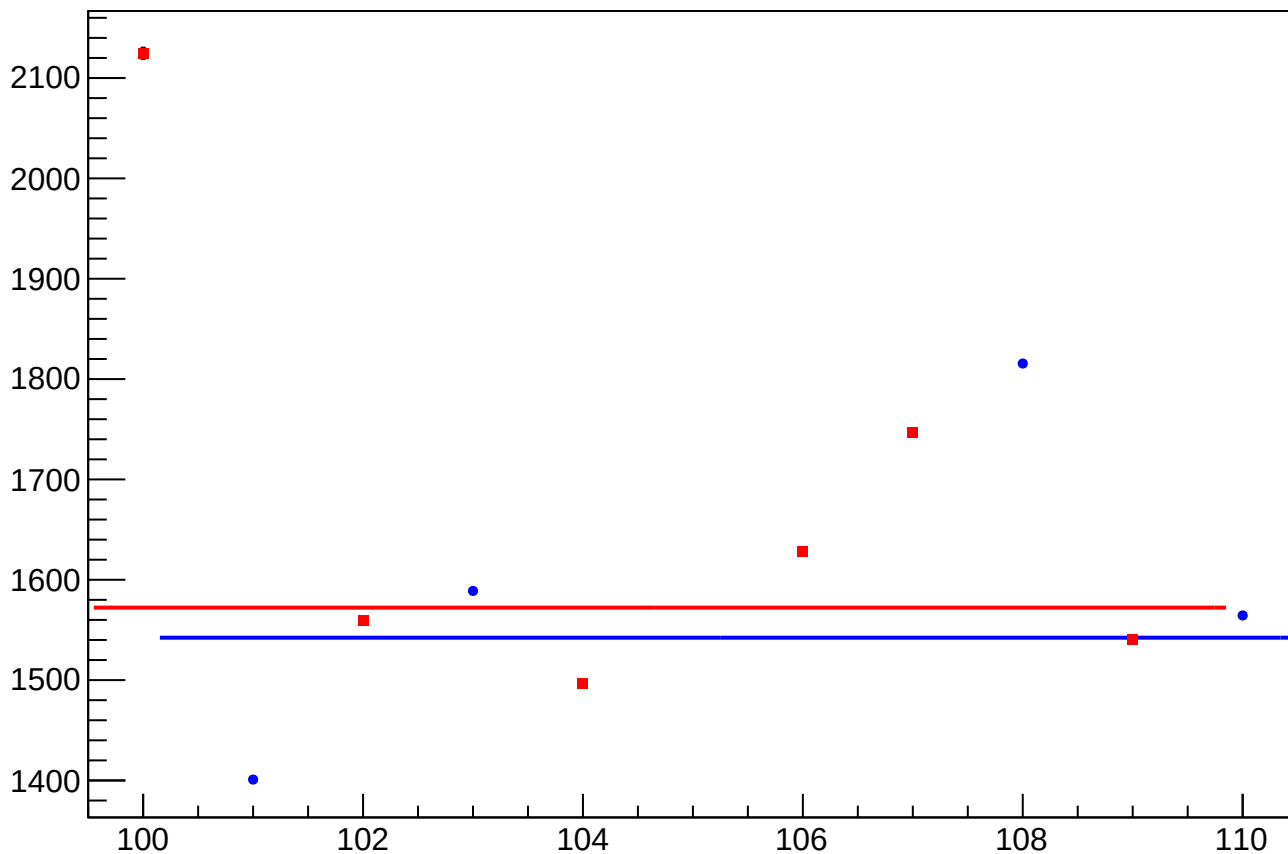
Right: 342.079+/-753.546 χ^2/NDF : 10.7/9

In: -4.472+/-1087.464 χ^2/NDF : 6.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.079+/-753.546 χ^2/NDF : 10.7/9

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1542.279+/-0.769 χ^2/NDF : 32361.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1572.236+/-0.739 χ^2/NDF : 18405.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

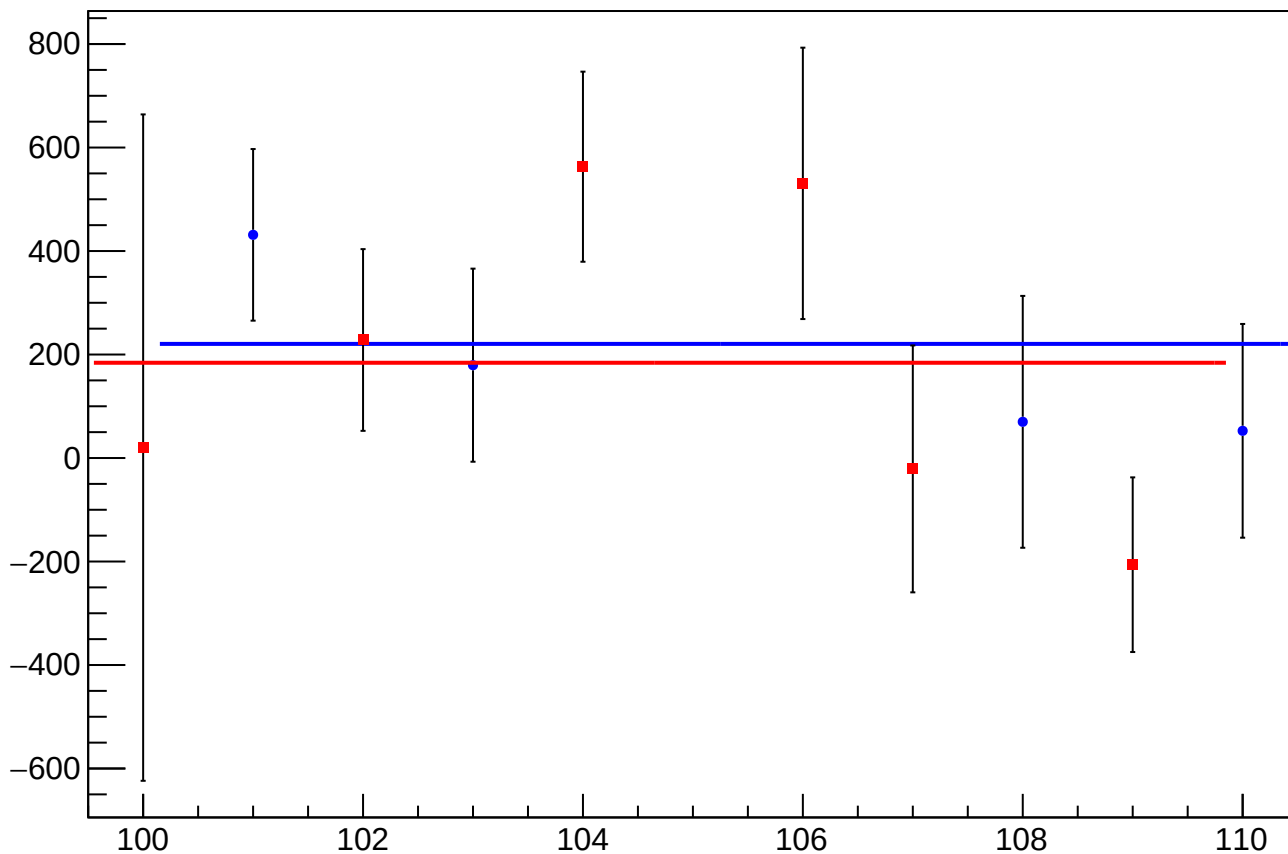
Right: 1557.851+/-0.533 χ^2/NDF : 51555.5/9

In: 1542.279+/-0.769 χ^2/NDF : 32361.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1557.851+/-0.533 χ^2/NDF : 51555.5/9

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 220.540 $\pm$ 97.395 χ^2 /NDF: 2.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 184.093 $\pm$ 87.132 χ^2 /NDF: 12.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

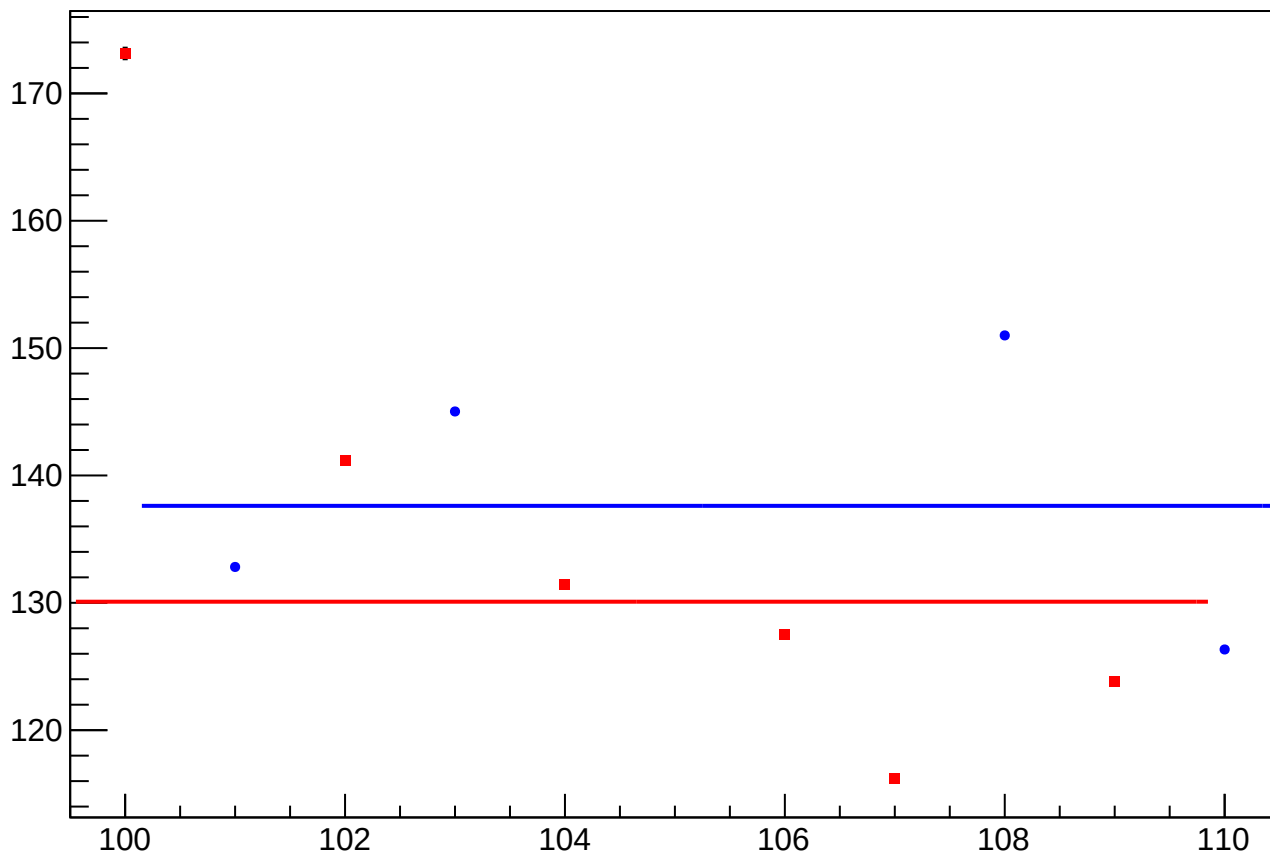
Right: 200.296 $\pm$ 64.938 χ^2 /NDF: 15.0/9

In: 220.540 $\pm$ 97.395 χ^2 /NDF:2.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 200.296 $\pm$ 64.938 χ^2 /NDF: 15.0/9

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 137.615+/-0.069 χ^2/NDF : 16841.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.088+/-0.062 χ^2/NDF : 26749.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

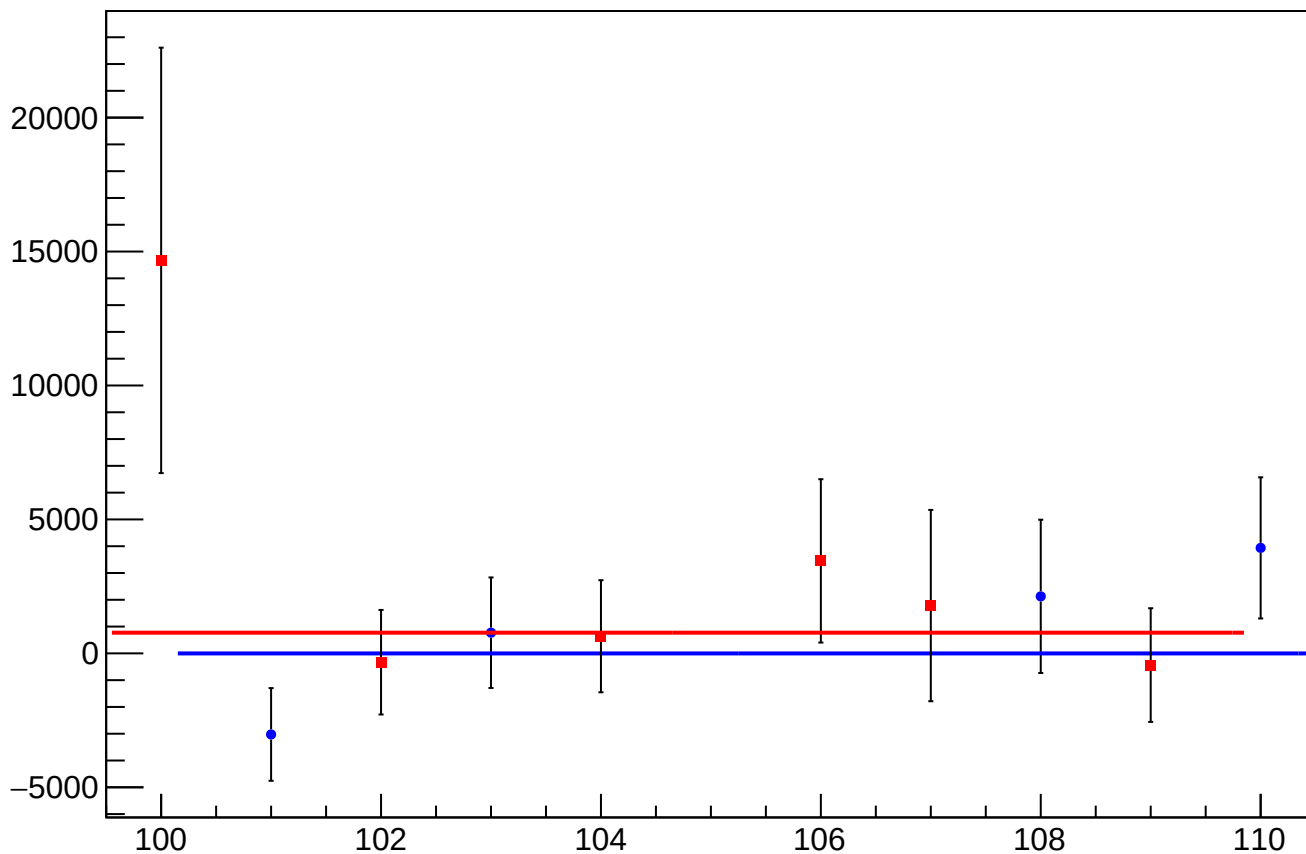
Right: 133.434+/-0.046 χ^2/NDF : 50226.4/9

In: 137.615+/-0.069 χ^2/NDF : 16841.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.434+/-0.046 χ^2/NDF : 50226.4/9

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -2.612 ± 1094.328 χ^2/NDF : 6.0/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 771.347 ± 1045.381 χ^2/NDF : 4.6/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

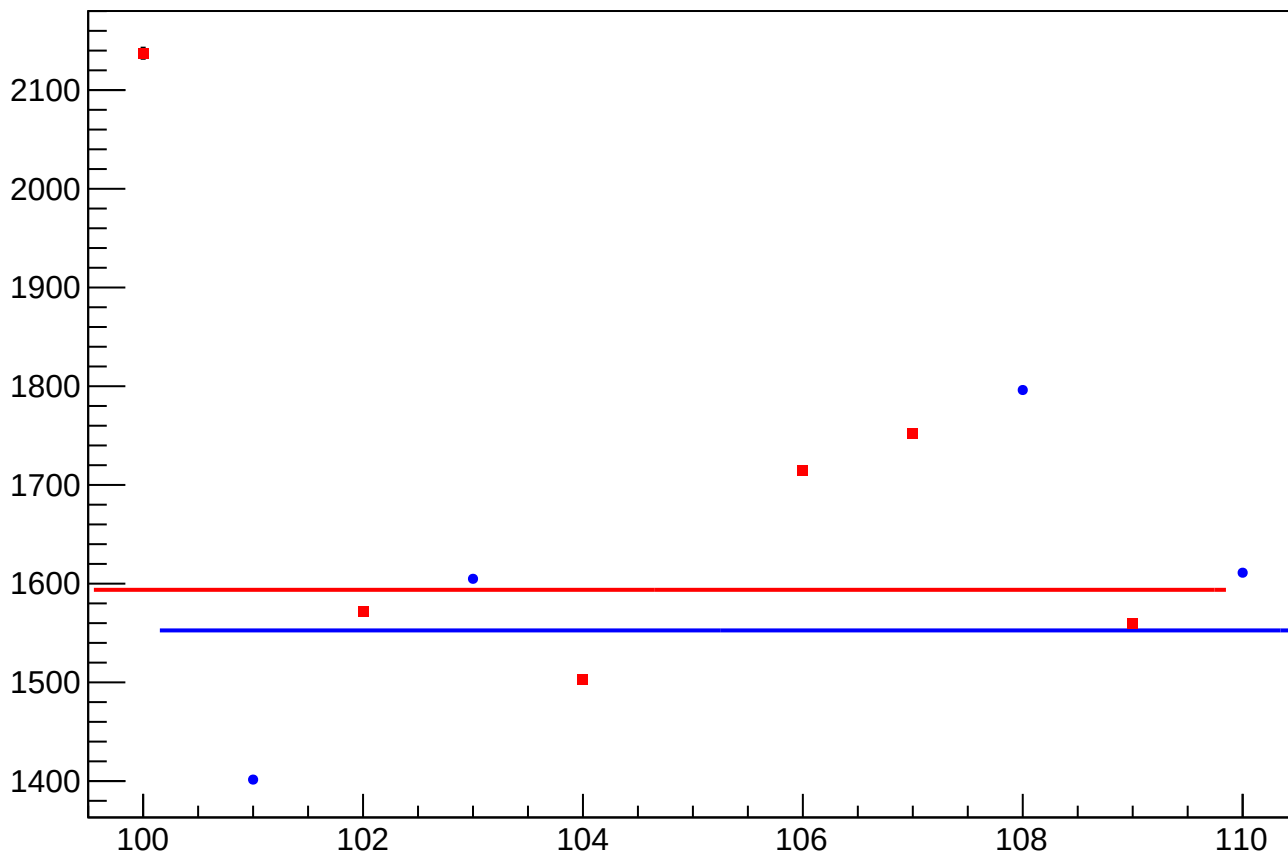
Right: 402.063 ± 755.908 χ^2/NDF : 10.8/9

In: -2.612 ± 1094.328 χ^2/NDF : 6.0/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 402.063 ± 755.908 χ^2/NDF : 10.8/9

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1552.628+/-0.774 χ^2/NDF : 32007.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.752+/-0.739 χ^2/NDF : 21017.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

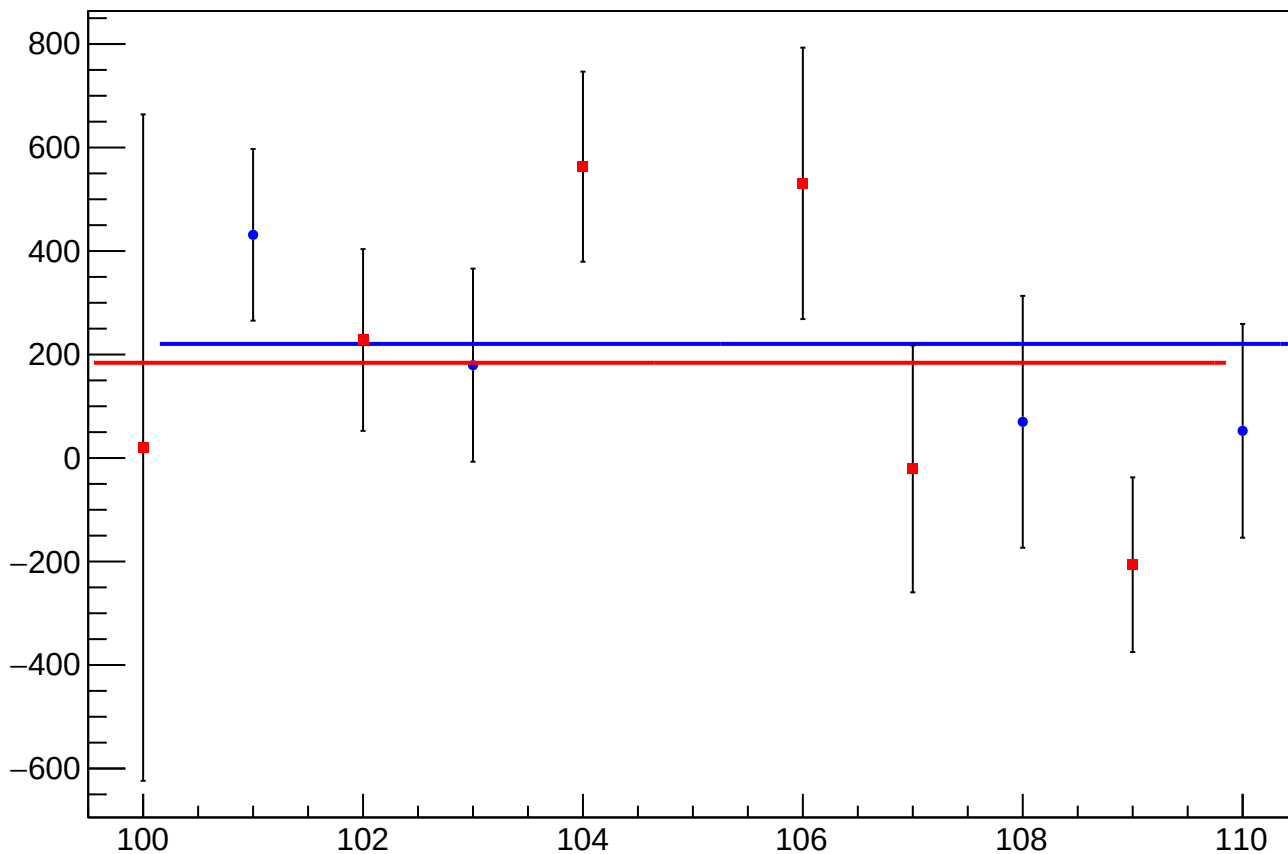
Right: 1574.131+/-0.535 χ^2/NDF : 54501.1/9

In: 1552.628+/-0.774 χ^2/NDF : 32007.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.131+/-0.535 χ^2/NDF : 54501.1/9

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 220.532 $\pm$ 97.394 χ^2 /NDF: 2.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 184.091 $\pm$ 87.132 χ^2 /NDF: 12.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

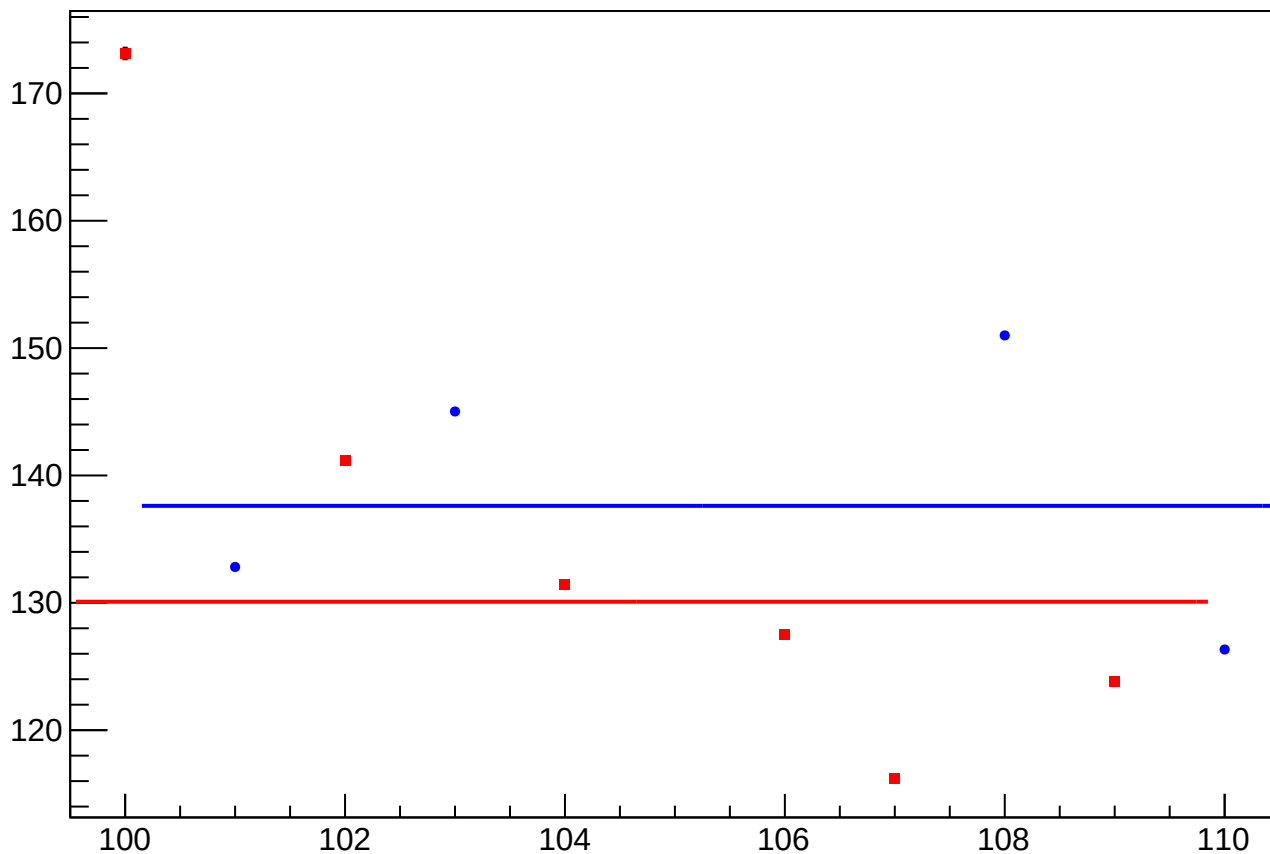
Right: 200.291 $\pm$ 64.938 χ^2 /NDF: 15.0/9

In: 220.532 $\pm$ 97.394 χ^2 /NDF: 2.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 200.291 $\pm$ 64.938 χ^2 /NDF: 15.0/9

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 137.614 $\pm$ 0.069 χ^2 /NDF: 16845.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 130.087 $\pm$ 0.062 χ^2 /NDF: 26749.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

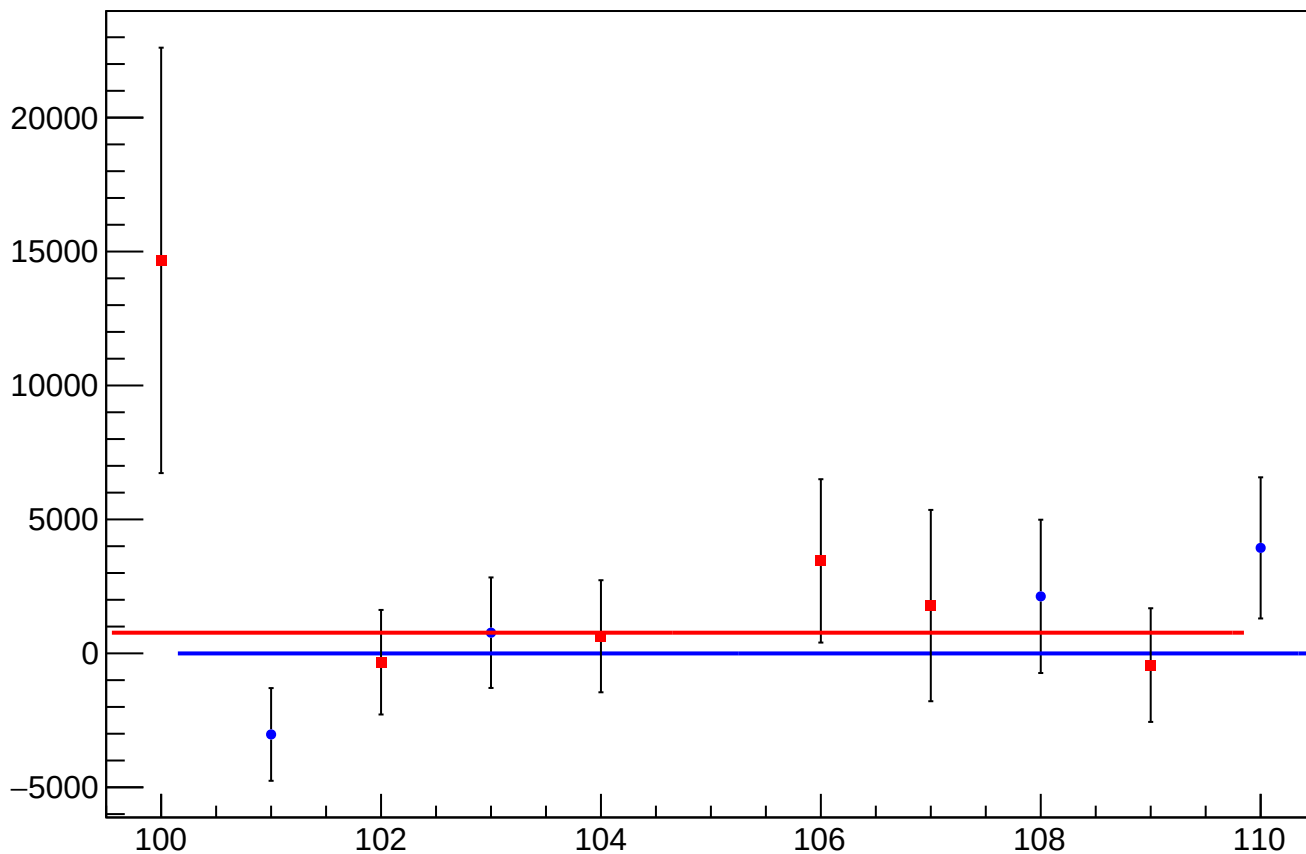
Right: 133.433 $\pm$ 0.046 χ^2 /NDF: 50229.4/9

In: 137.614 $\pm$ 0.069 χ^2 /NDF:16845.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.433 $\pm$ 0.046 χ^2 /NDF: 50229.4/9

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2.611 ± 1094.326 $\chi^2/\text{NDF}: 6.0/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 771.345 ± 1045.379 $\chi^2/\text{NDF}: 4.6/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

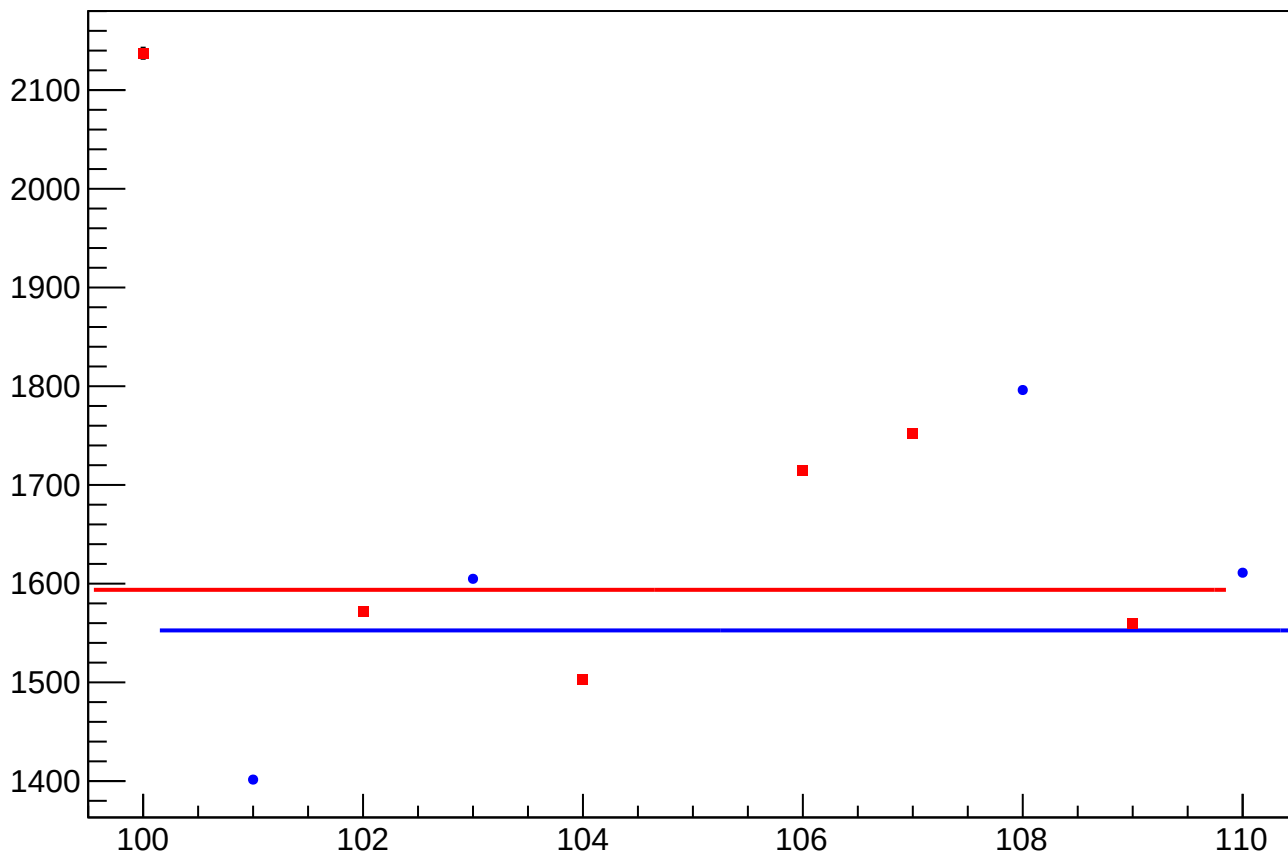
Right: 402.062 ± 755.906 $\chi^2/\text{NDF}: 10.8/9$

In: -2.611 ± 1094.326 $\chi^2/\text{NDF}: 6.0/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 402.062 ± 755.906 $\chi^2/\text{NDF}: 10.8/9$

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1552.626+/-0.774 χ^2/NDF : 32006.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.750+/-0.739 χ^2/NDF : 21017.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

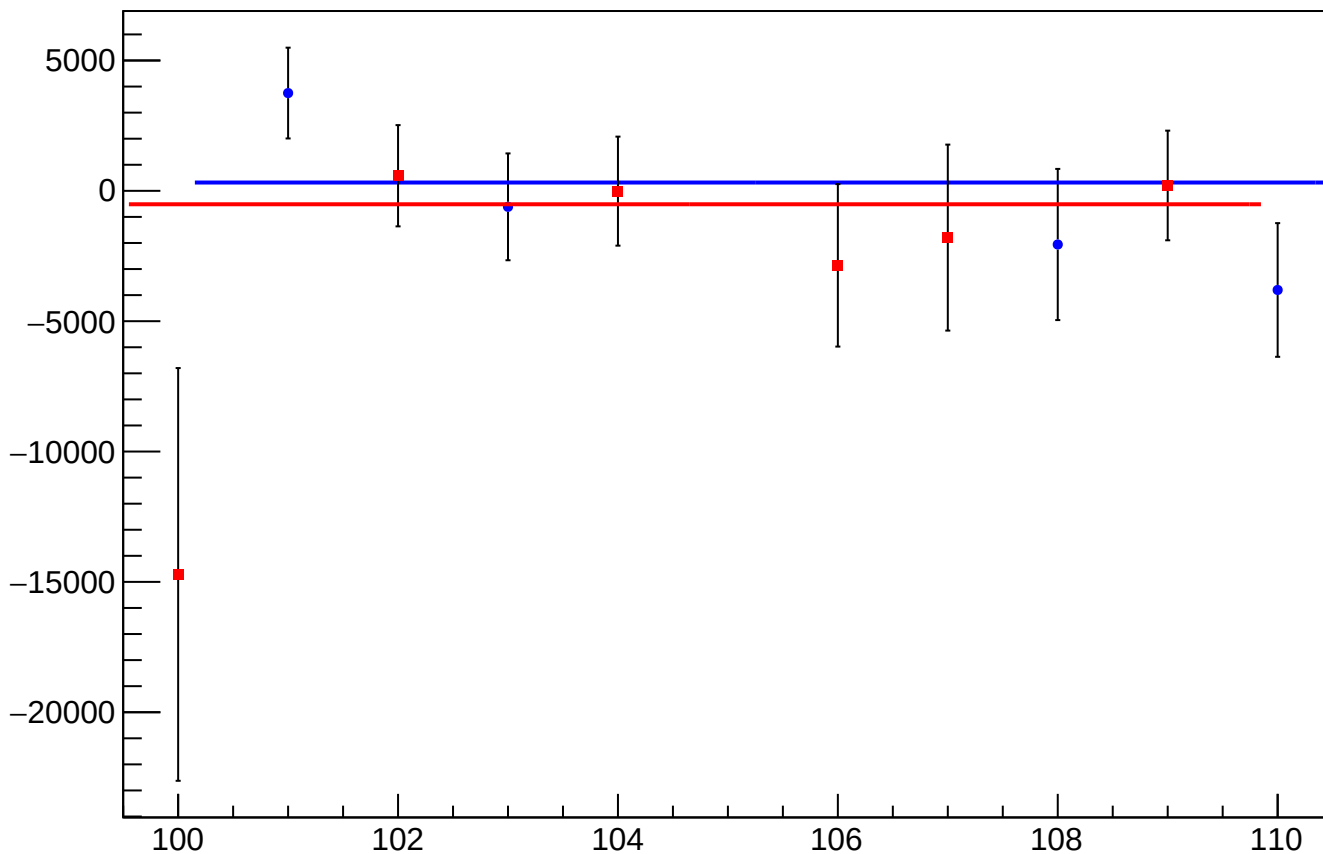
Right: 1574.128+/-0.535 χ^2/NDF : 54501.0/9

In: 1552.626+/-0.774 χ^2/NDF : 32006.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.128+/-0.535 χ^2/NDF : 54501.0/9

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 318.902 $\pm$ 1091.703 χ^2 /NDF: 7.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -514.971 $\pm$ 1043.975 χ^2 /NDF: 4.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

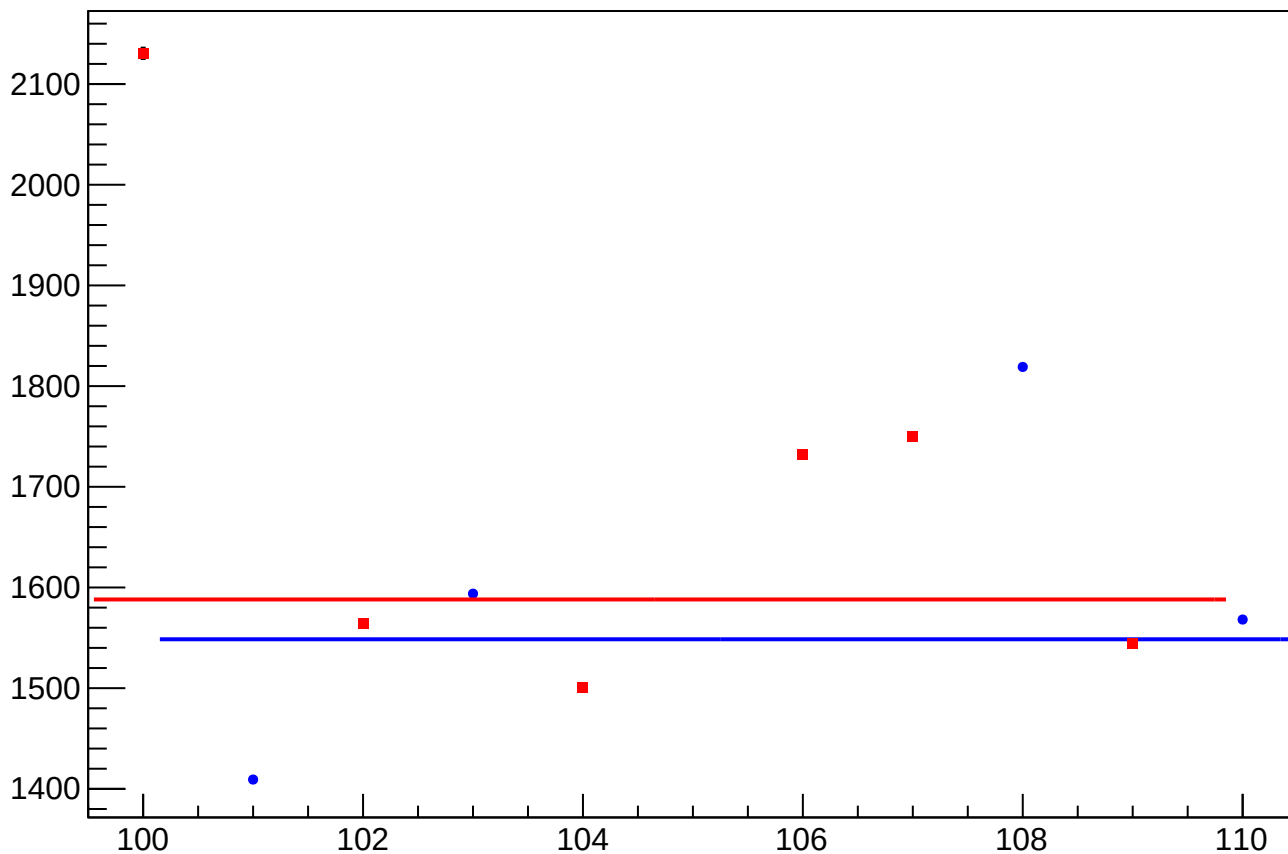
Right: -116.660 $\pm$ 754.511 χ^2 /NDF: 12.1/9

In: 318.902 $\pm$ 1091.703 χ^2 /NDF: 7.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -116.660 $\pm$ 754.511 χ^2 /NDF: 12.1/9

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1548.553+/-0.772 χ^2/NDF : 31305.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1588.104+/-0.738 χ^2/NDF : 22389.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

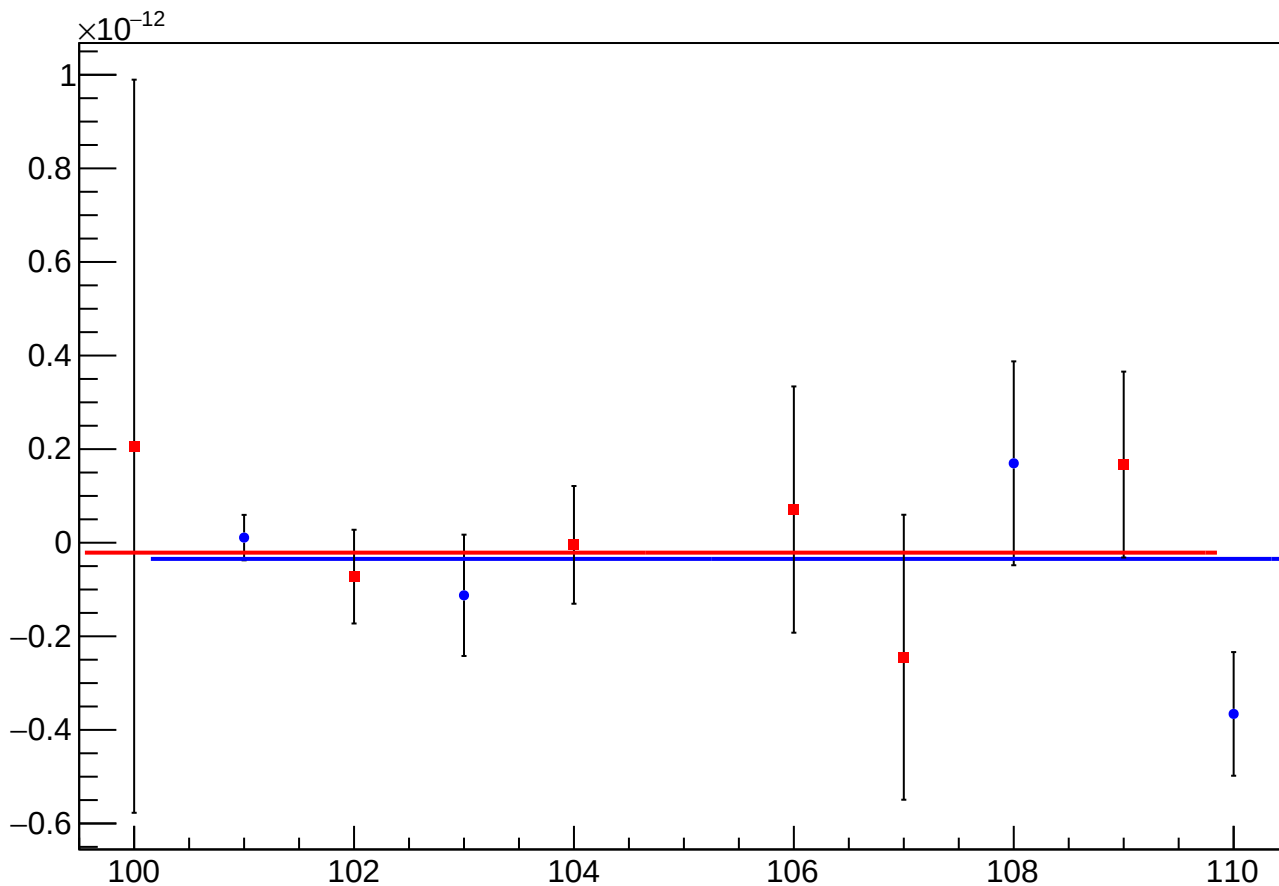
Right: 1569.212+/-0.534 χ^2/NDF : 55065.5/9

In: 1548.553+/-0.772 χ^2/NDF : 31305.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1569.212+/-0.534 χ^2/NDF : 55065.5/9

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.4/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 1.9/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

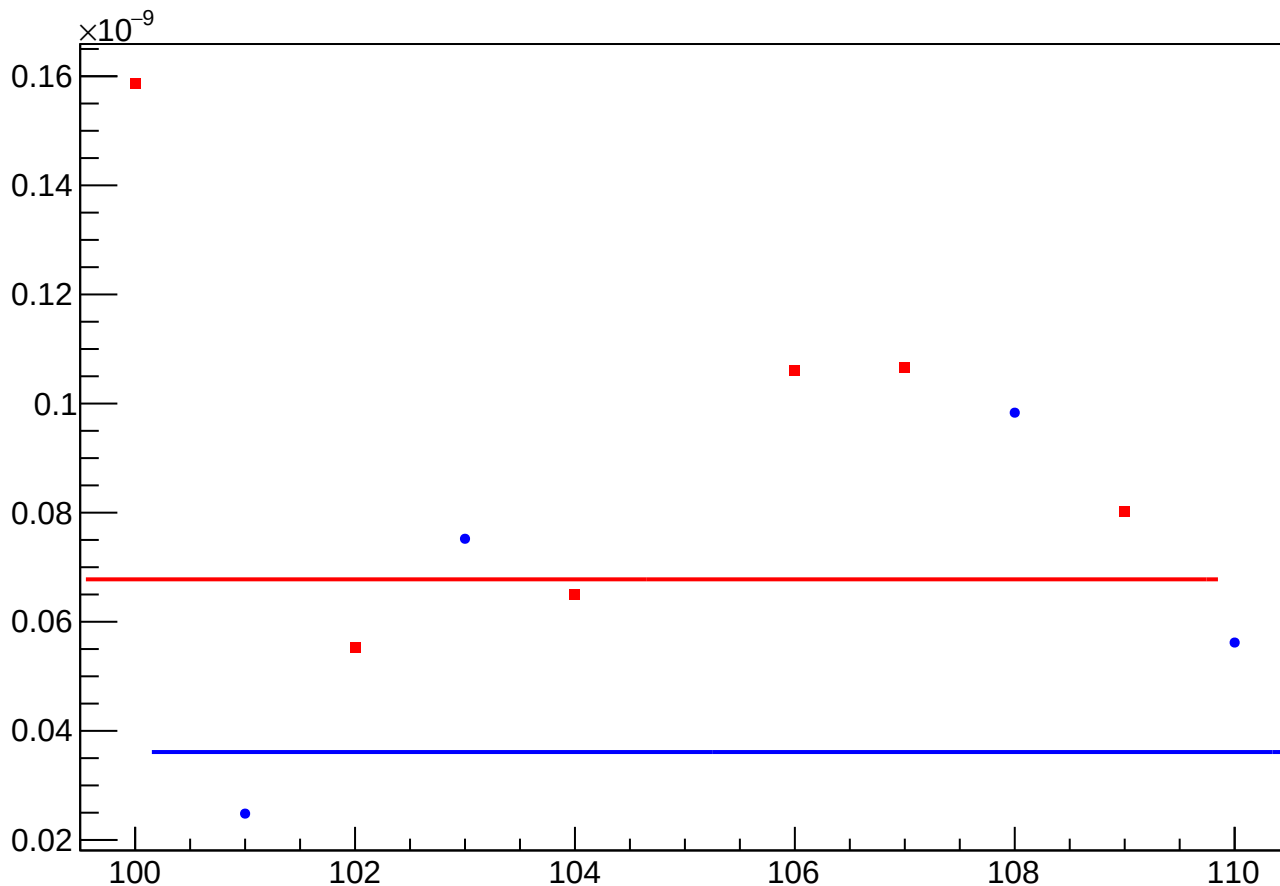
Right: -0.000+/-0.000 χ^2 /NDF: 10.4/9

In: -0.000+/-0.000 χ^2 /NDF:8.4/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 10.4/9

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 499187.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 142064.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

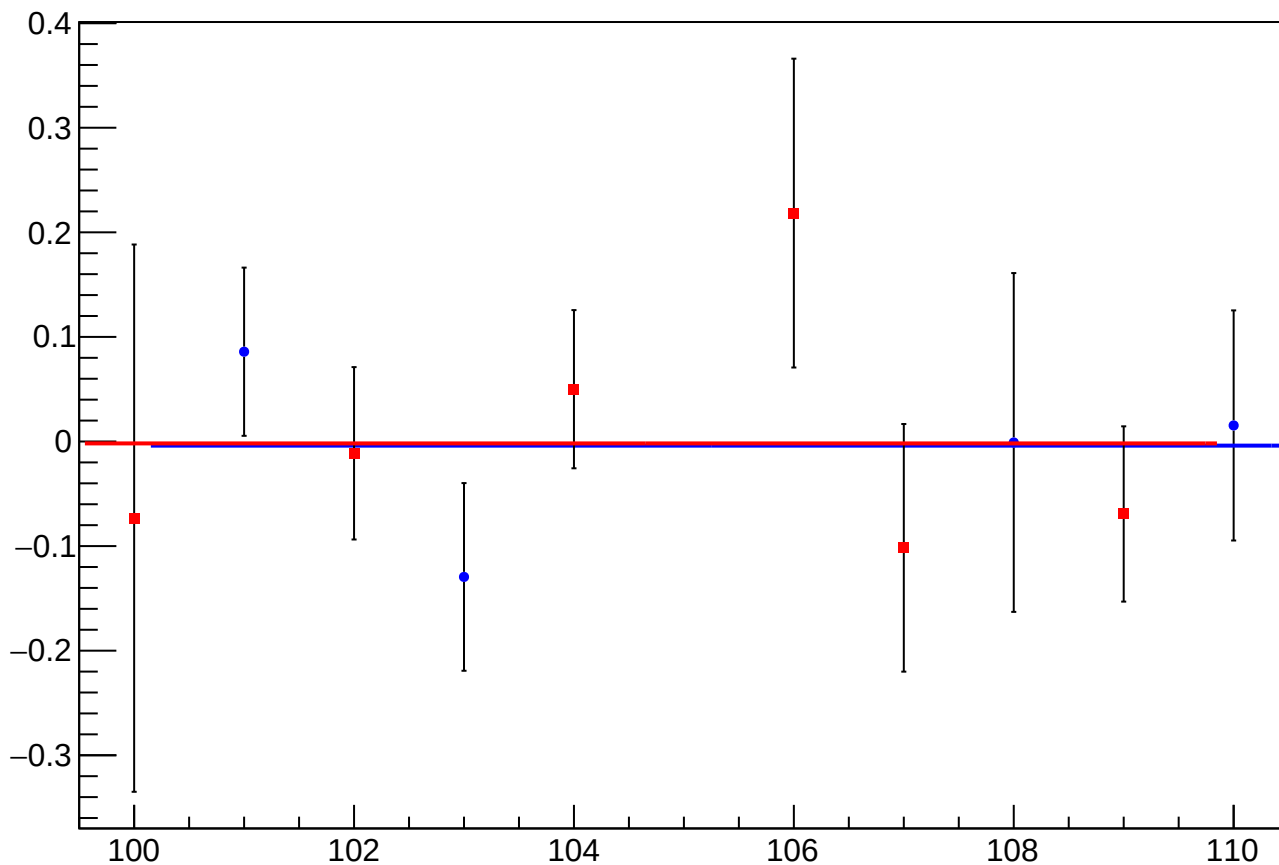
Right: 0.000+/-0.000 χ^2/NDF : 953068.5/9

In: 0.000+/-0.000 χ^2/NDF : 499187.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 953068.5/9

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.050 χ^2 /NDF: 3.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.041 χ^2 /NDF: 4.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

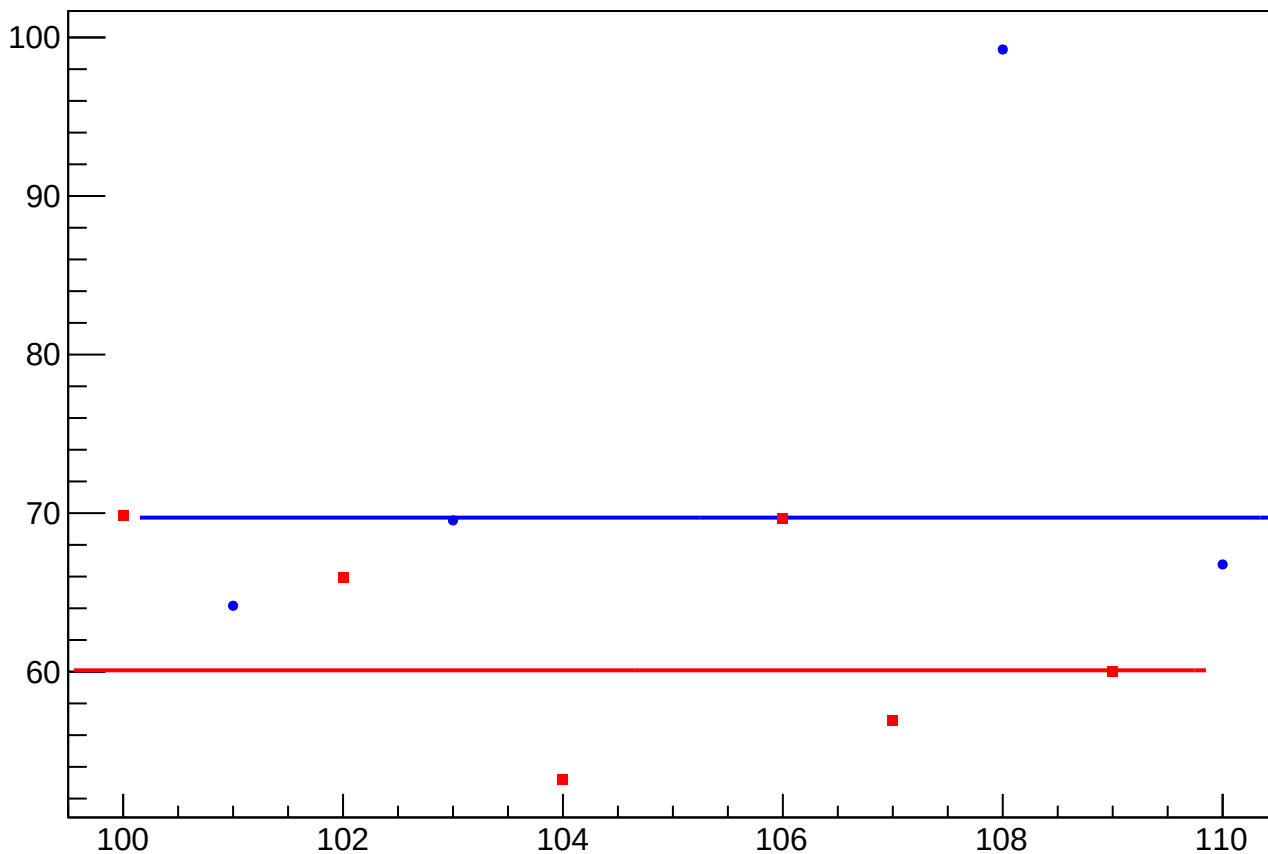
Right: -0.003 $\pm$ 0.032 χ^2 /NDF: 7.4/9

In: -0.004 $\pm$ 0.050 χ^2 /NDF:3.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.032 χ^2 /NDF: 7.4/9

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.718 $\pm$ 0.035 χ^2 /NDF: 77451.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.088 $\pm$ 0.029 χ^2 /NDF: 39333.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

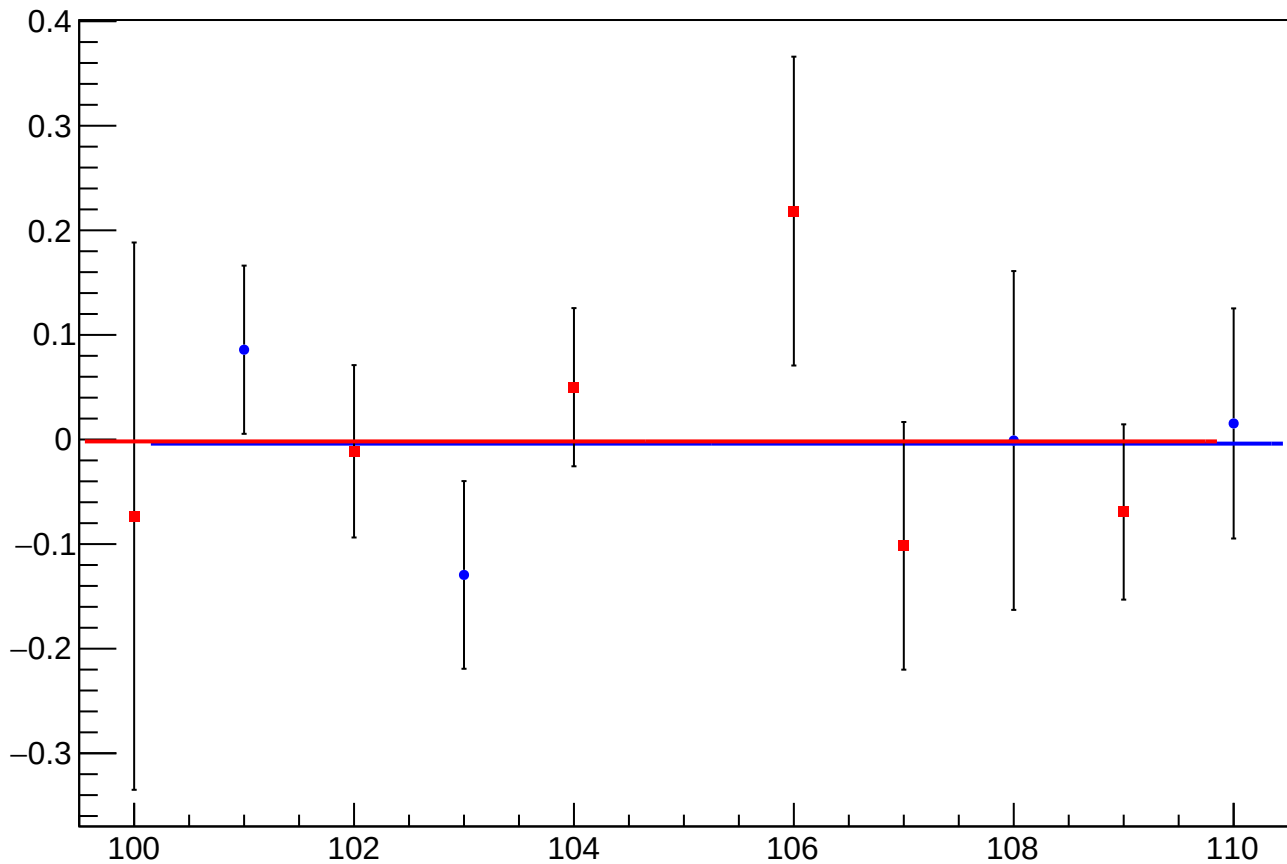
Right: 63.952 $\pm$ 0.022 χ^2 /NDF: 161163.8/9

In: 69.718 $\pm$ 0.035 χ^2 /NDF: 77451.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.952 $\pm$ 0.022 χ^2 /NDF: 161163.8/9

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.050 χ^2 /NDF: 3.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.041 χ^2 /NDF: 4.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

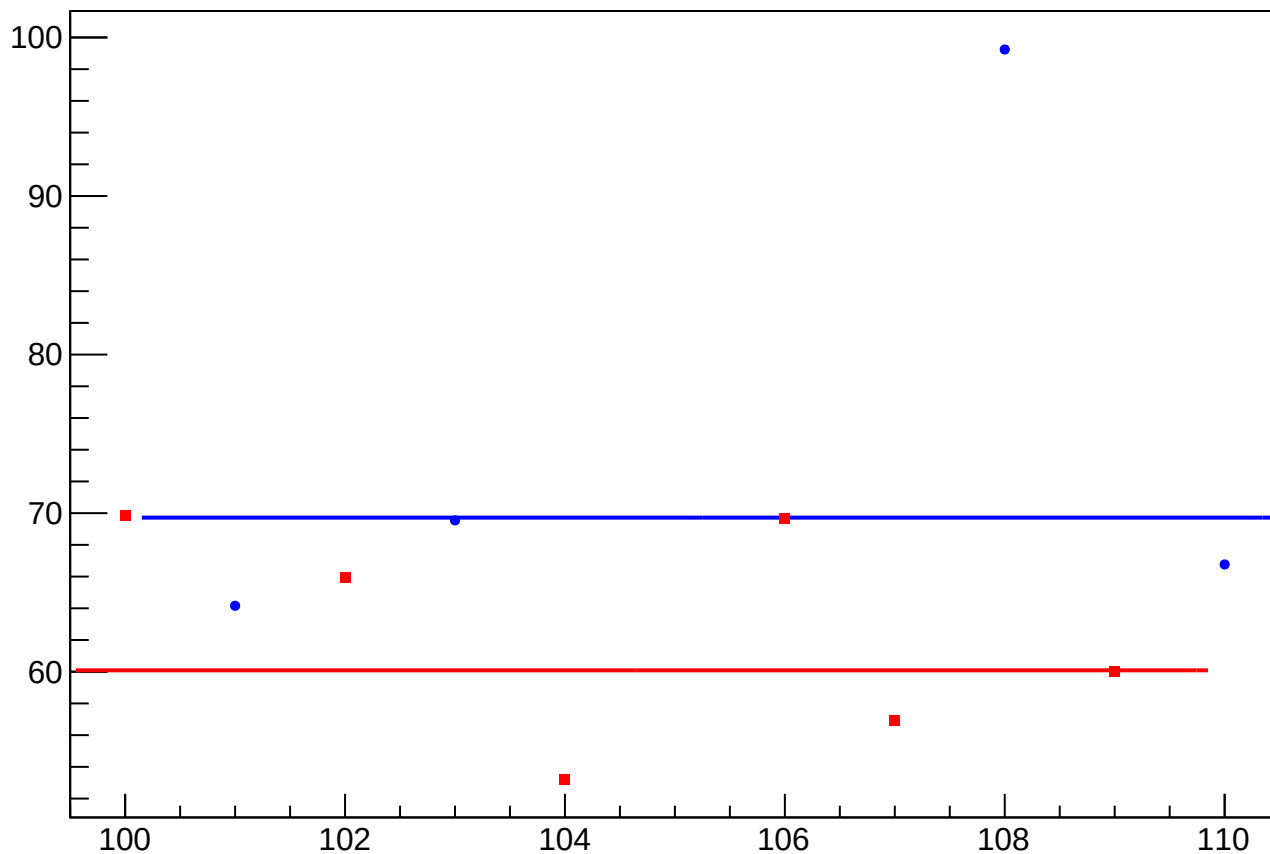
Right: -0.003 $\pm$ 0.032 χ^2 /NDF: 7.4/9

In: -0.004 $\pm$ 0.050 χ^2 /NDF:3.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.032 χ^2 /NDF: 7.4/9

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.718+/-0.035 χ^2/NDF : 77451.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.088+/-0.029 χ^2/NDF : 39333.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

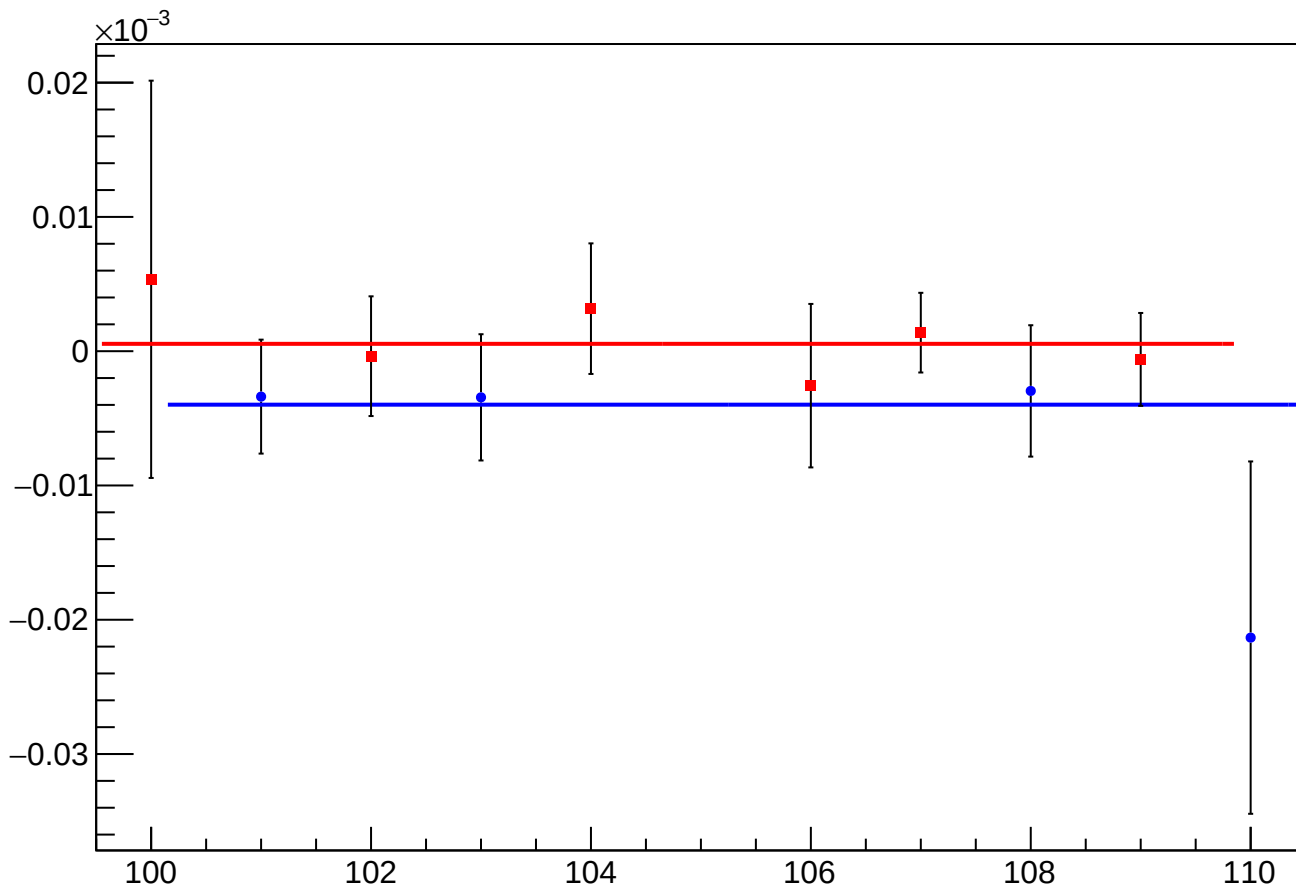
Right: 63.952+/-0.022 χ^2/NDF : 161163.8/9

In: 69.718+/-0.035 χ^2/NDF : 77451.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.952+/-0.022 χ^2/NDF : 161163.8/9

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

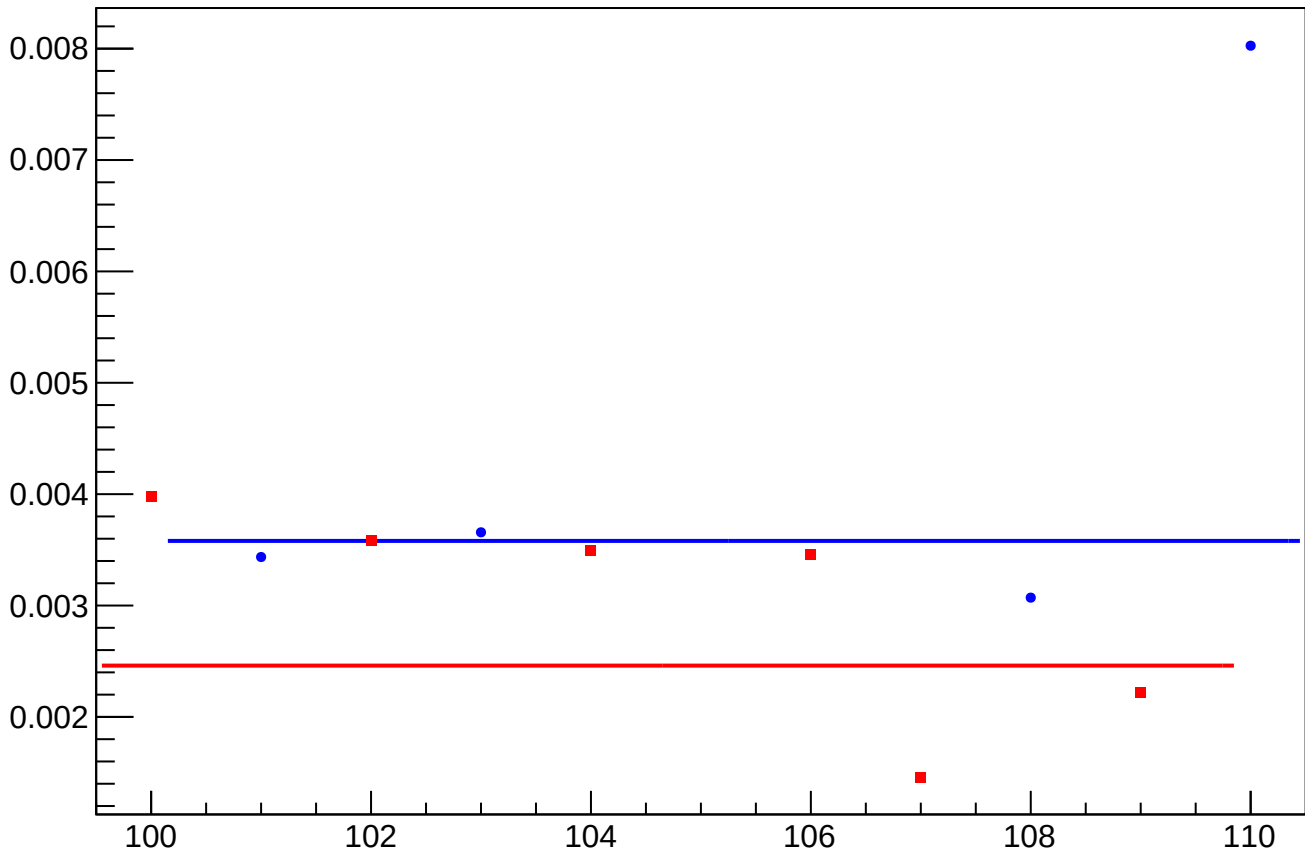
Right: -0.000+/-0.000 χ^2/NDF : 4.8/9

In: -0.000+/-0.000 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.8/9

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 254213.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 531878.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

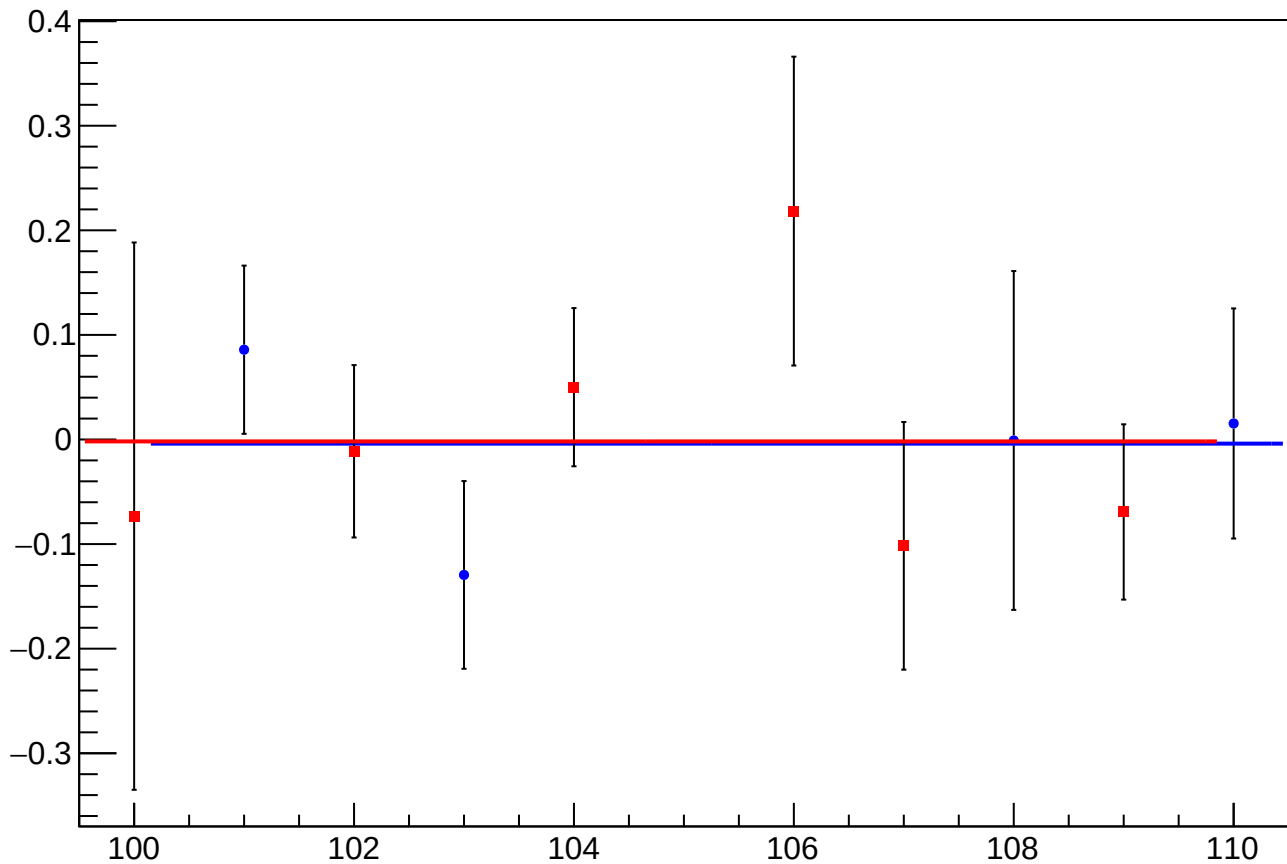
Right: 0.003+/-0.000 χ^2/NDF : 1040549.2/9

In: 0.004+/-0.000 χ^2/NDF : 254213.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1040549.2/9

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.050 χ^2 /NDF: 3.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.041 χ^2 /NDF: 4.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

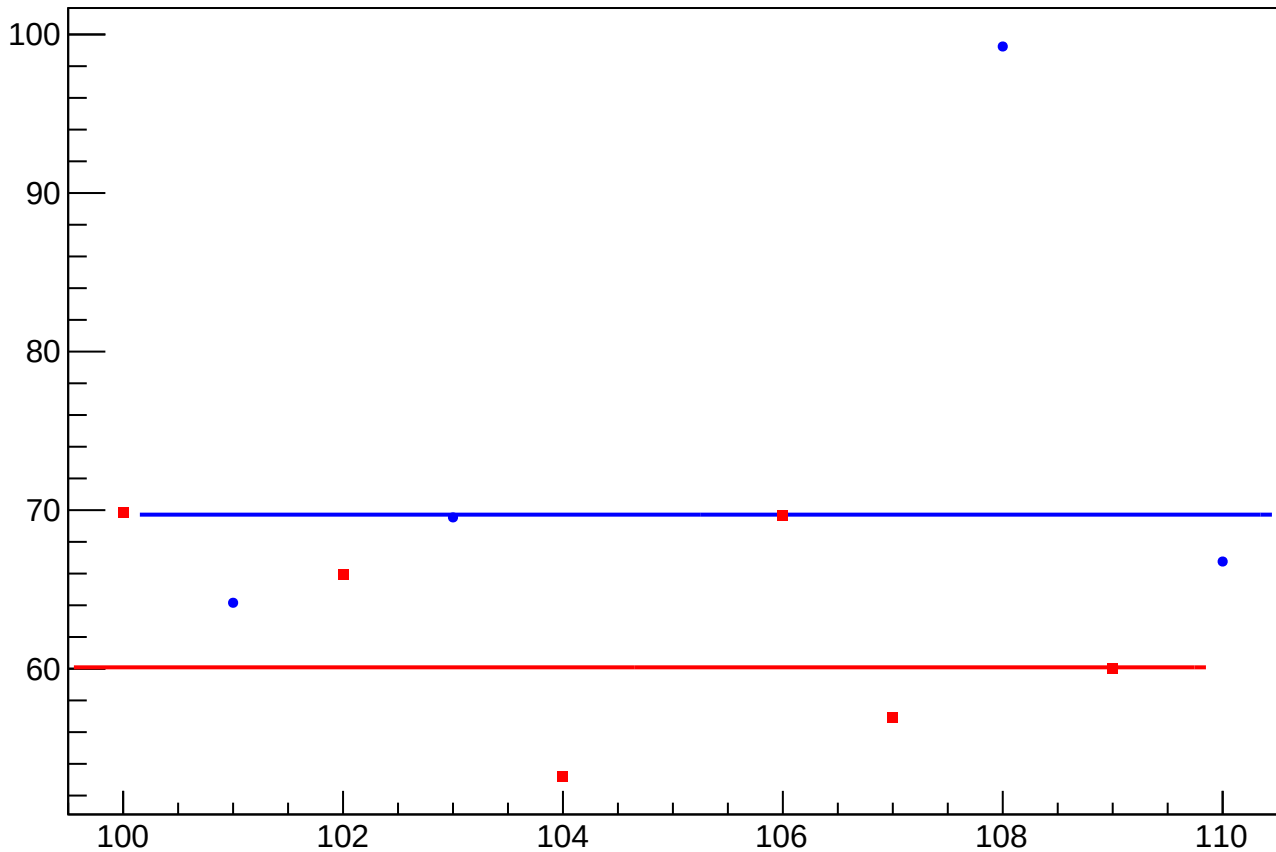
Right: -0.003 $\pm$ 0.032 χ^2 /NDF: 7.4/9

In: -0.004 $\pm$ 0.050 χ^2 /NDF:3.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.032 χ^2 /NDF: 7.4/9

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.717+/-0.035 χ^2/NDF : 77457.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.087+/-0.029 χ^2/NDF : 39331.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

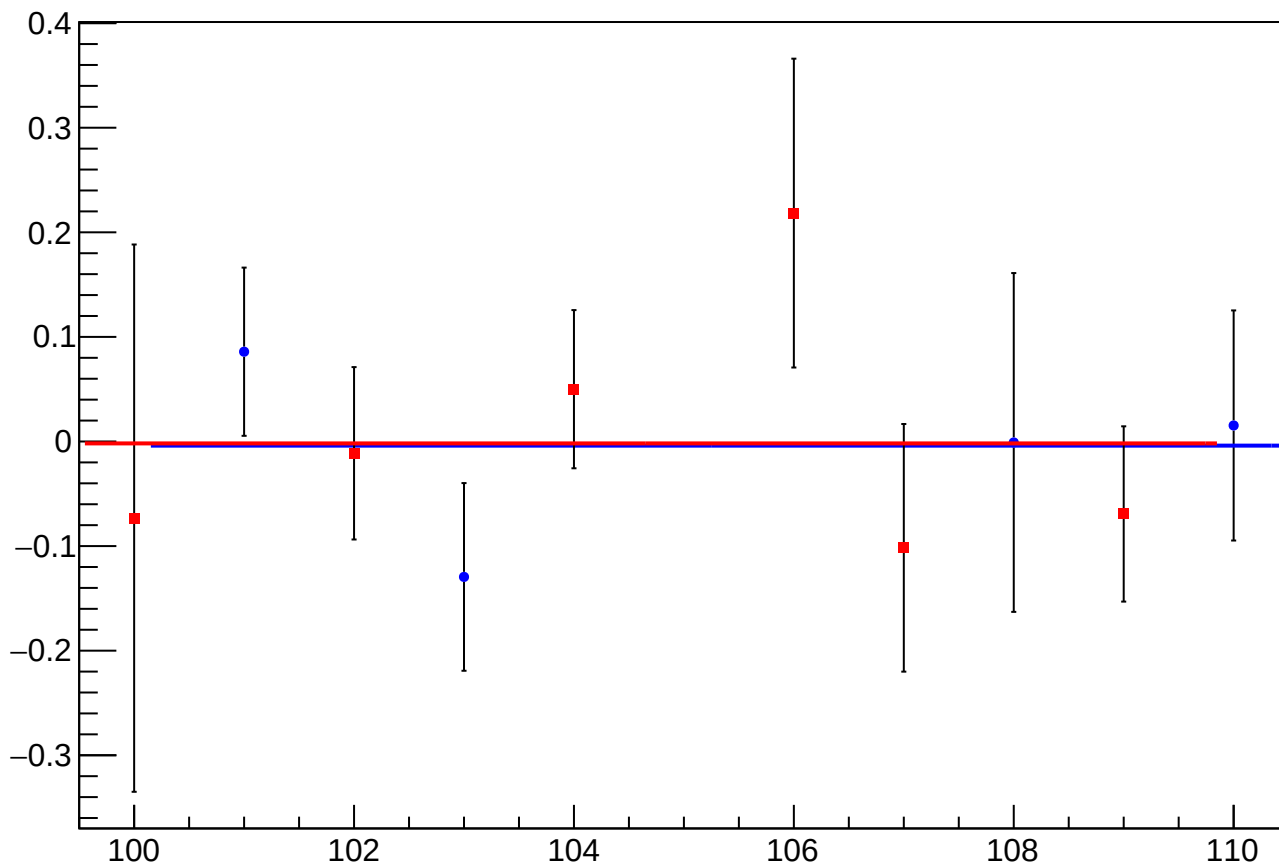
Right: 63.951+/-0.022 χ^2/NDF : 161163.4/9

In: 69.717+/-0.035 χ^2/NDF : 77457.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.951+/-0.022 χ^2/NDF : 161163.4/9

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.050 χ^2 /NDF: 3.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.041 χ^2 /NDF: 4.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

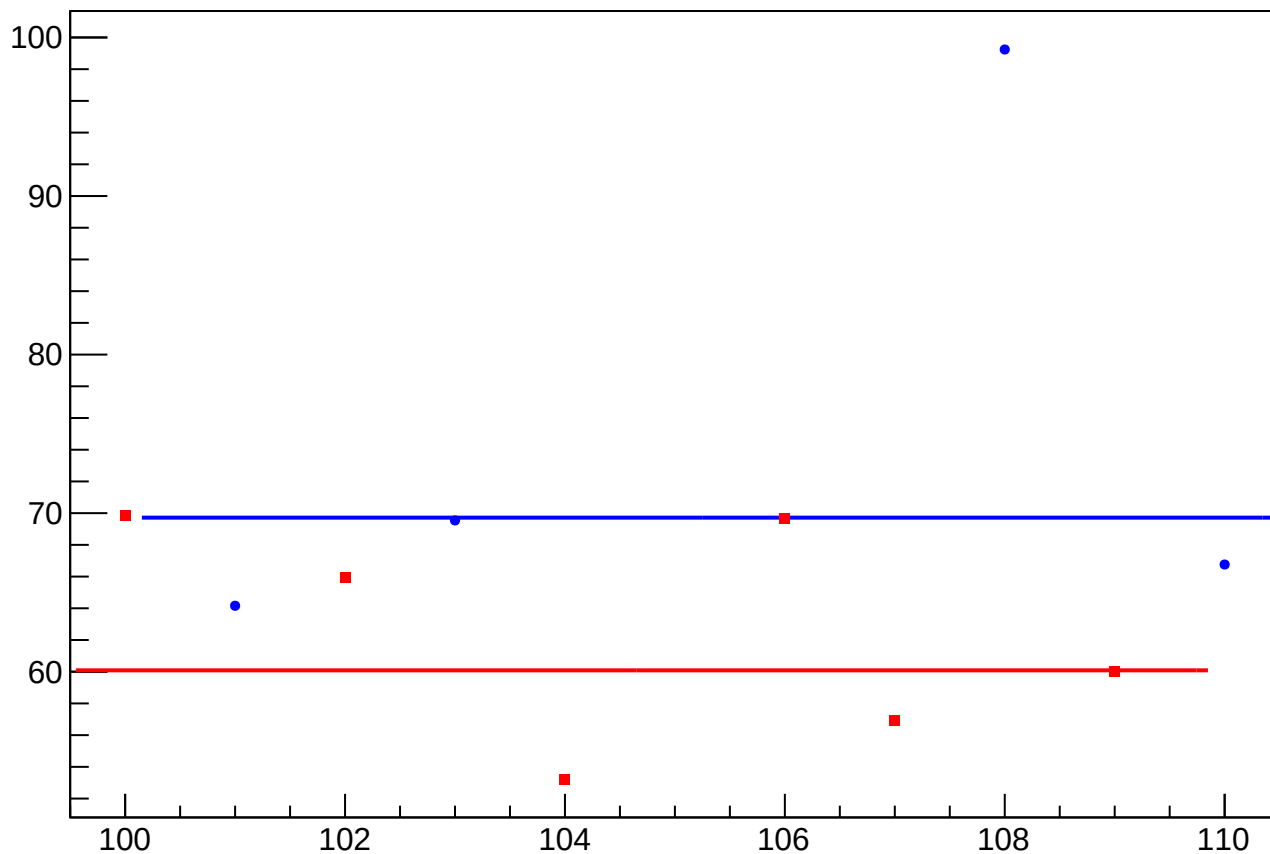
Right: -0.003 $\pm$ 0.032 χ^2 /NDF: 7.4/9

In: -0.004 $\pm$ 0.050 χ^2 /NDF:3.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.032 χ^2 /NDF: 7.4/9

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.717 $\pm$ 0.035 χ^2 /NDF: 77457.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.087 $\pm$ 0.029 χ^2 /NDF: 39331.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

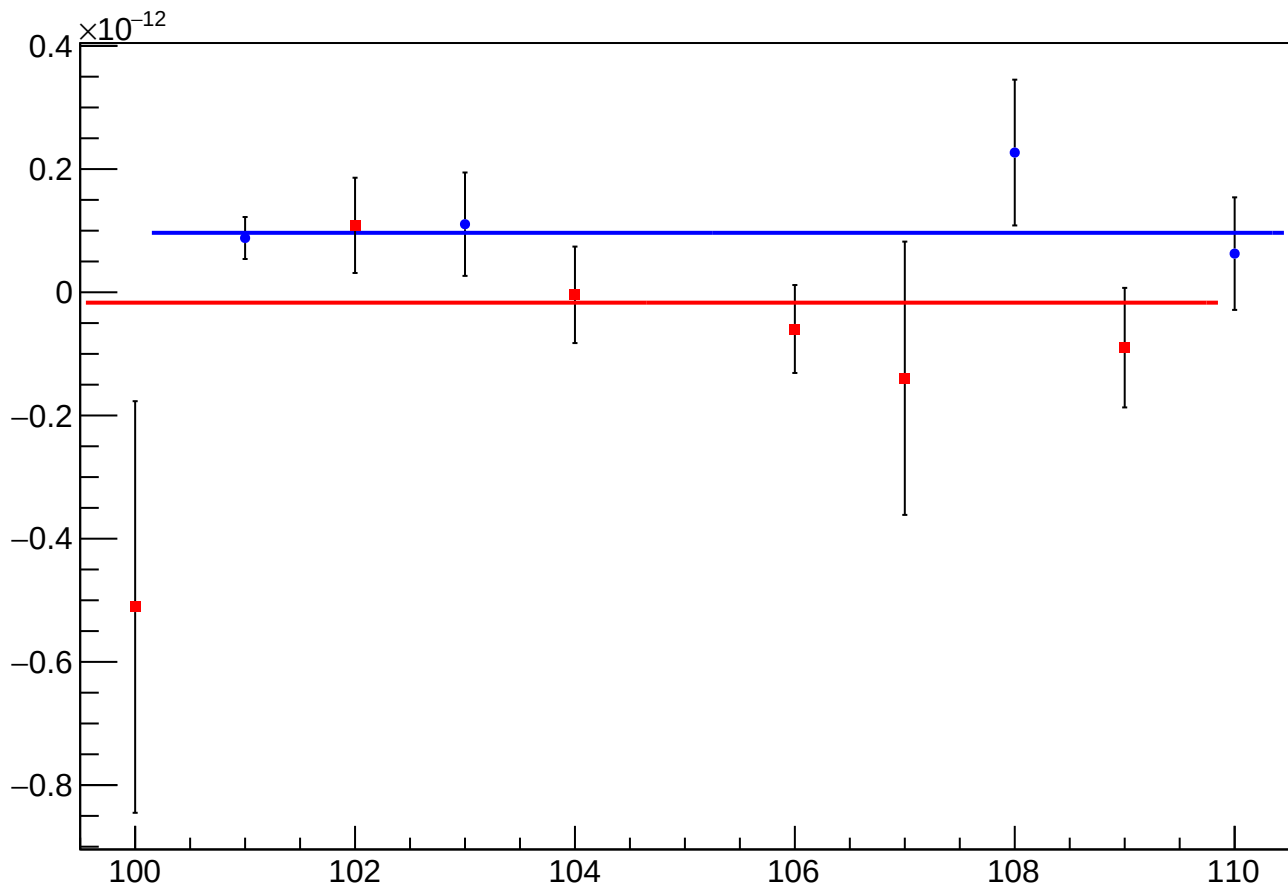
Right: 63.951 $\pm$ 0.022 χ^2 /NDF: 161163.4/9

In: 69.717 $\pm$ 0.035 χ^2 /NDF: 77457.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.951 $\pm$ 0.022 χ^2 /NDF: 161163.4/9

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

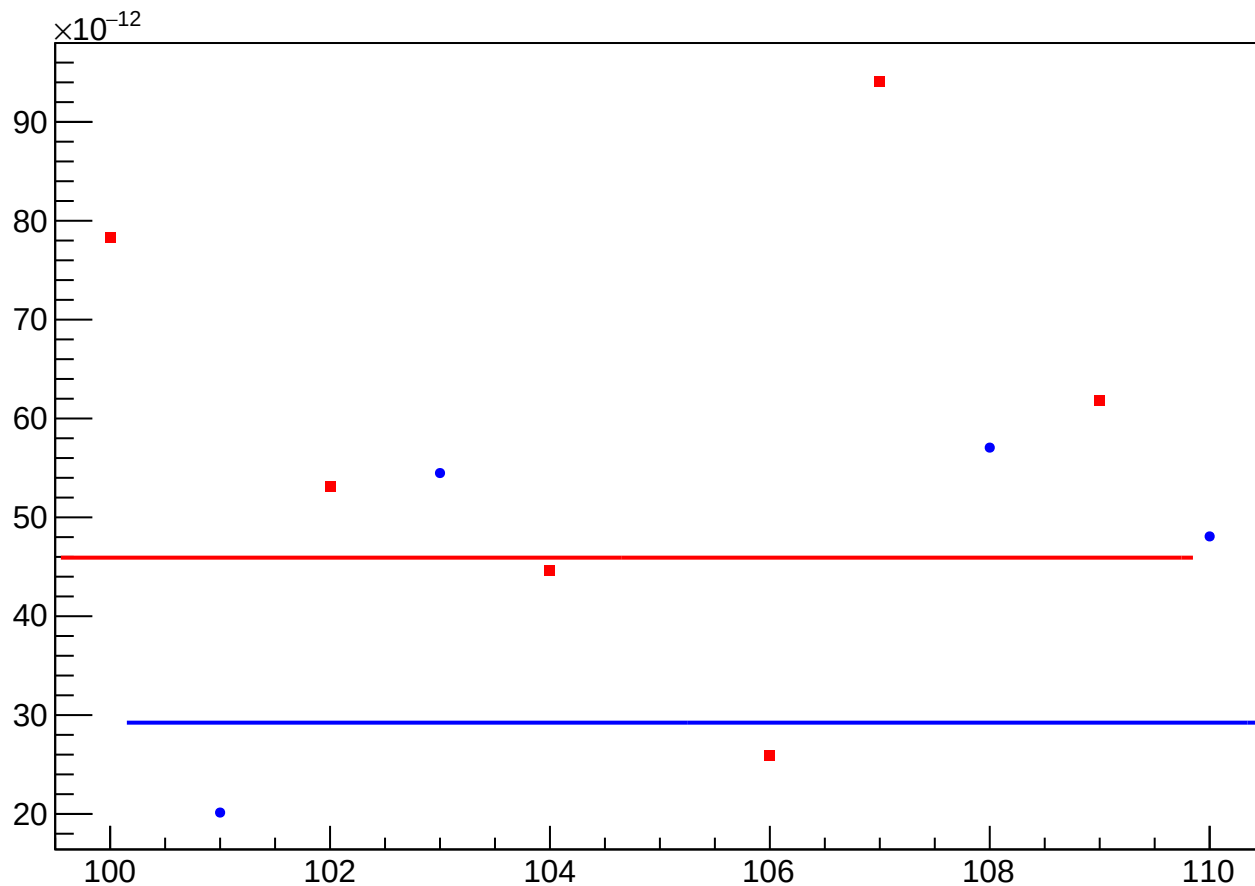
Right: 0.000+/-0.000 χ^2/NDF : 13.0/9

In: 0.000+/-0.000 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.0/9

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 519087.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 342177.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

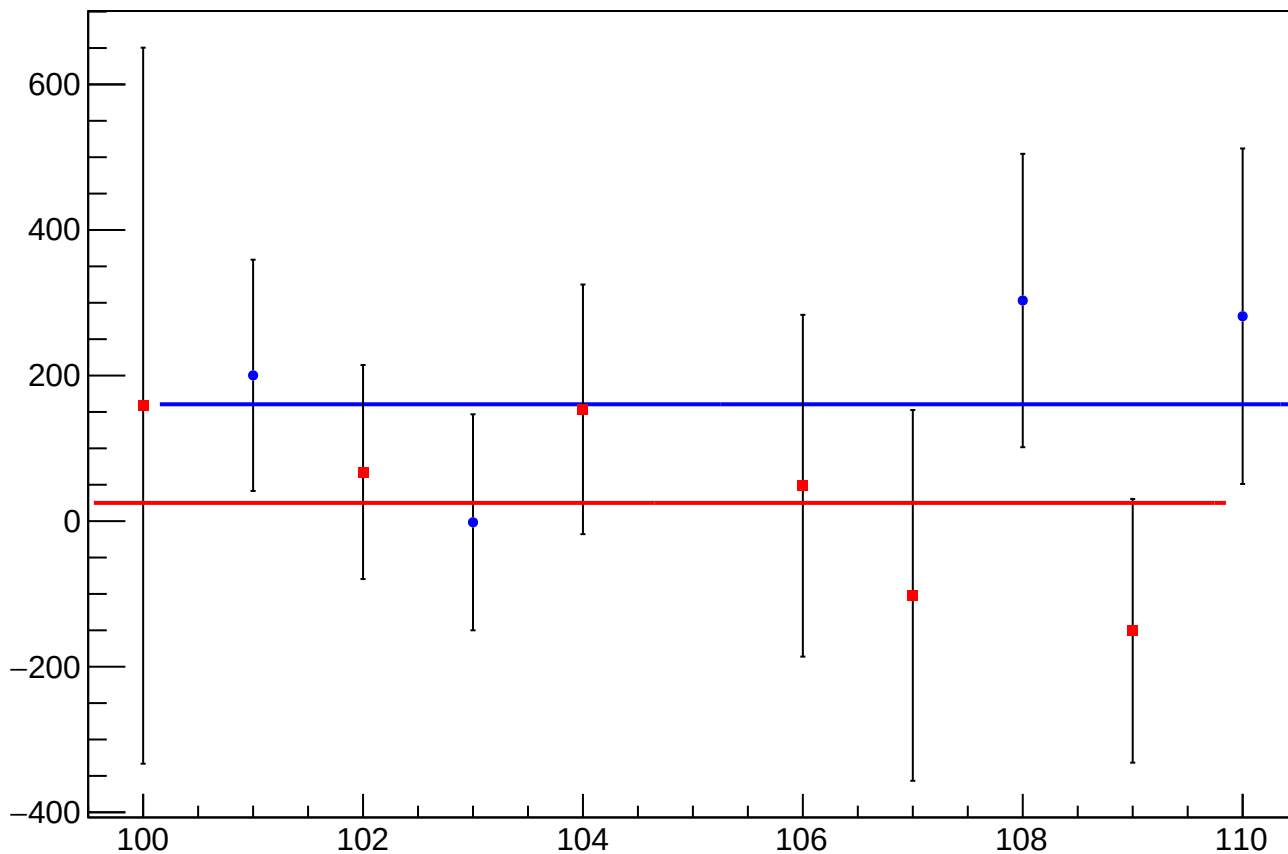
Right: 0.000+/-0.000 χ^2/NDF : 1098568.1/9

In: 0.000+/-0.000 χ^2/NDF : 519087.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1098568.1/9

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 160.541 $\pm$ 88.219 χ^2 /NDF: 2.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.073 $\pm$ 82.083 χ^2 /NDF: 1.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

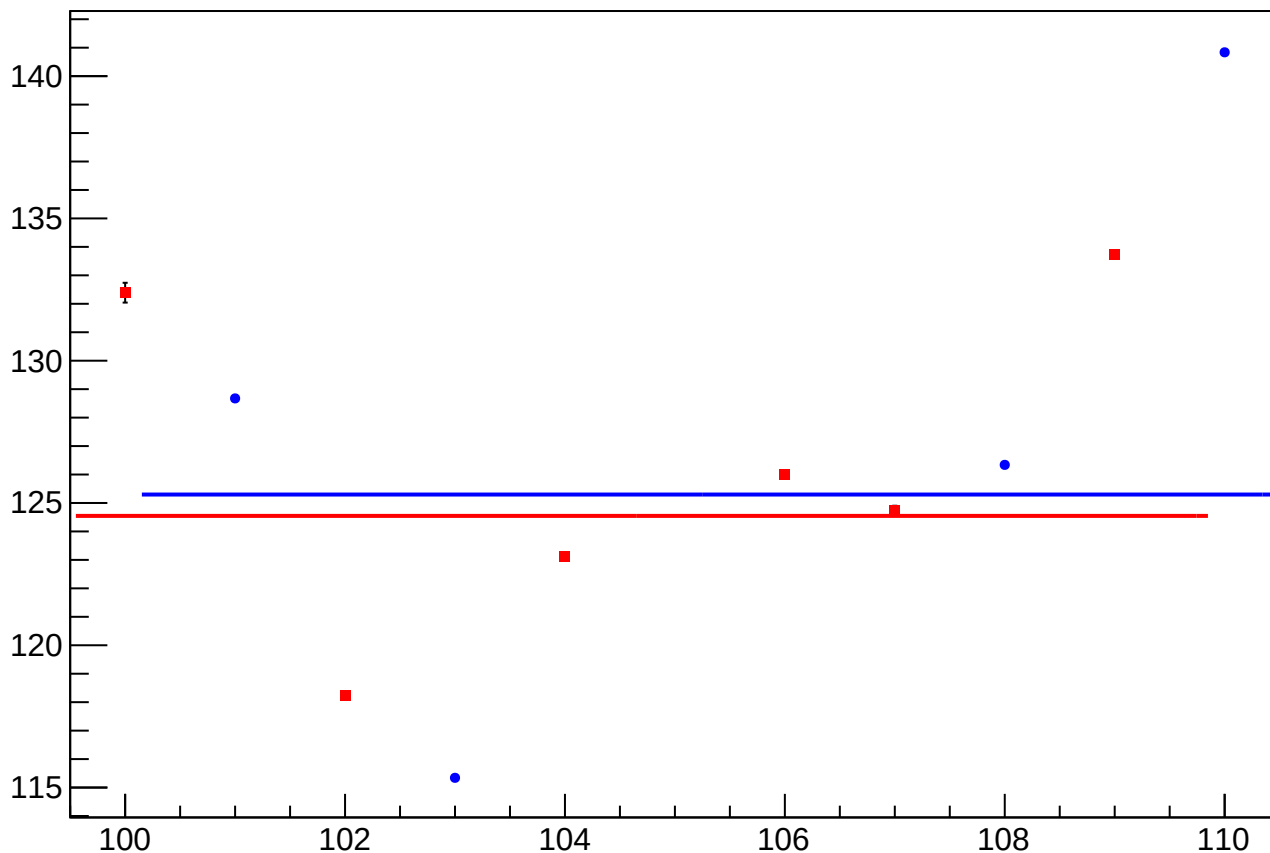
Right: 87.932 $\pm$ 60.094 χ^2 /NDF: 5.2/9

In: 160.541 $\pm$ 88.219 χ^2 /NDF: 2.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.932 $\pm$ 60.094 χ^2 /NDF: 5.2/9

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 125.297 $\pm$ 0.062 χ^2 /NDF: 19053.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.546 $\pm$ 0.058 χ^2 /NDF: 9552.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

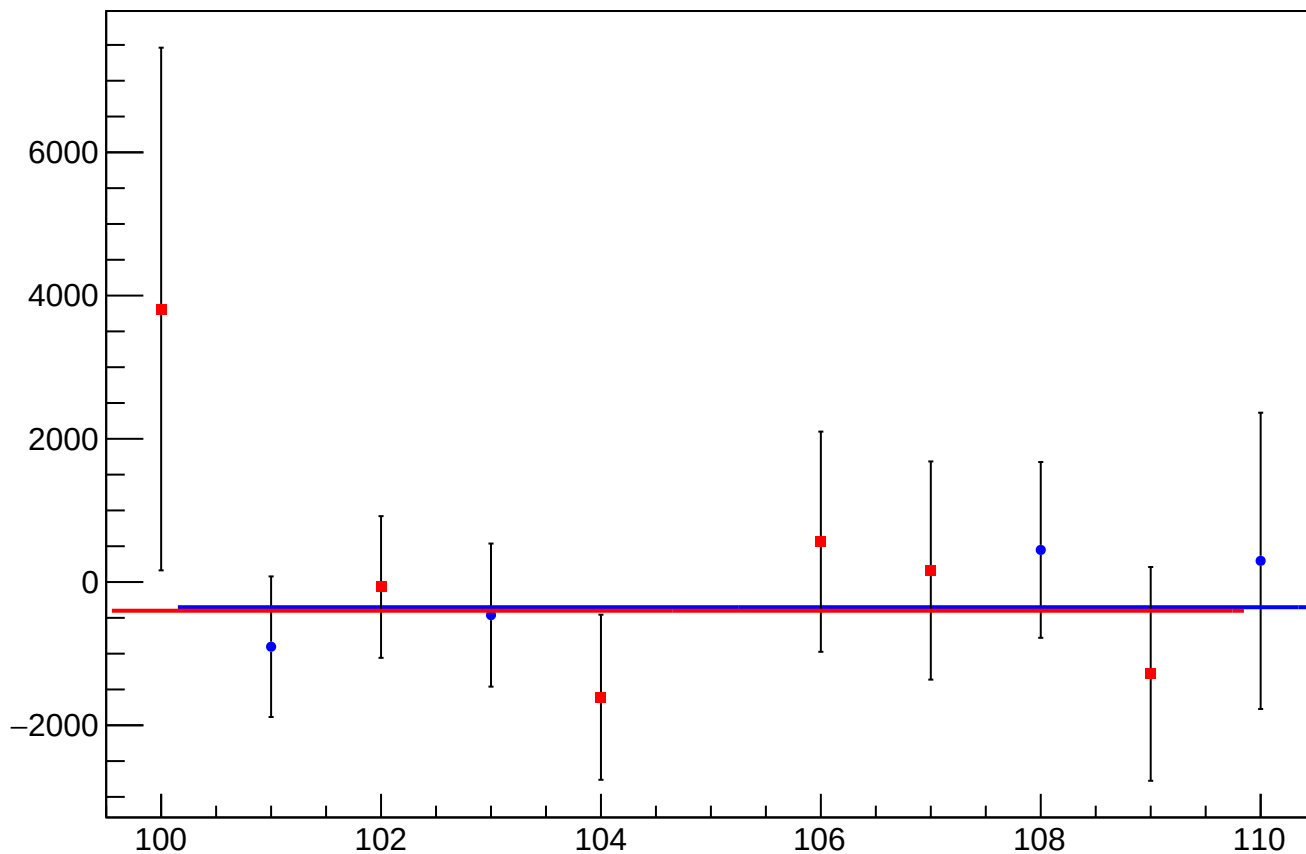
Right: 124.895 $\pm$ 0.042 χ^2 /NDF: 28683.0/9

In: 125.297 $\pm$ 0.062 χ^2 /NDF:19053.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.895 $\pm$ 0.042 χ^2 /NDF: 28683.0/9

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -351.564+/-583.483 χ^2 /NDF: 0.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -400.505+/-563.272 χ^2 /NDF: 3.4/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

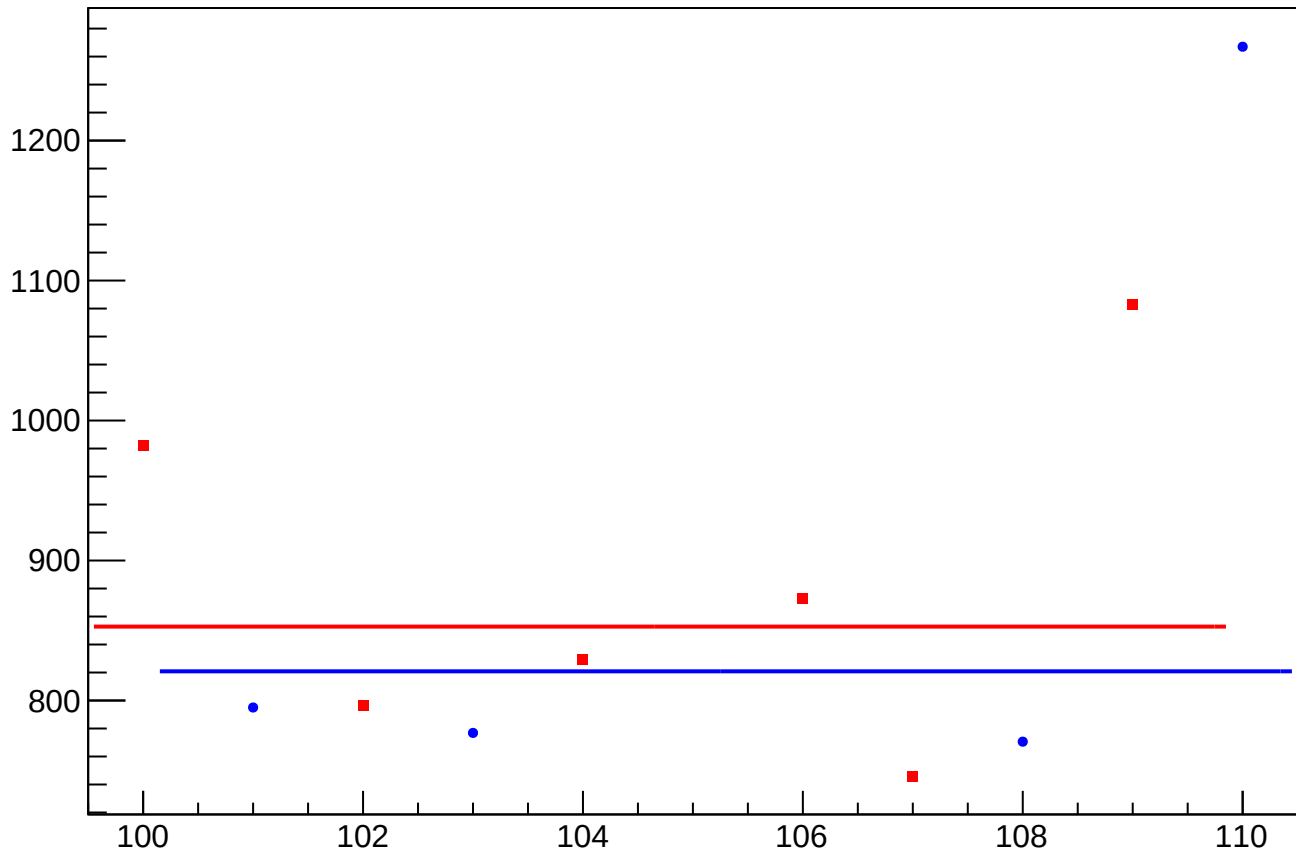
Right: -376.897+/-405.250 χ^2 /NDF: 4.3/9

In: -351.564+/-583.483 χ^2 /NDF:0.9/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -376.897+/-405.250 χ^2 /NDF: 4.3/9

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 820.857+/-0.413 χ^2/NDF : 101667.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 852.802+/-0.398 χ^2/NDF : 67478.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

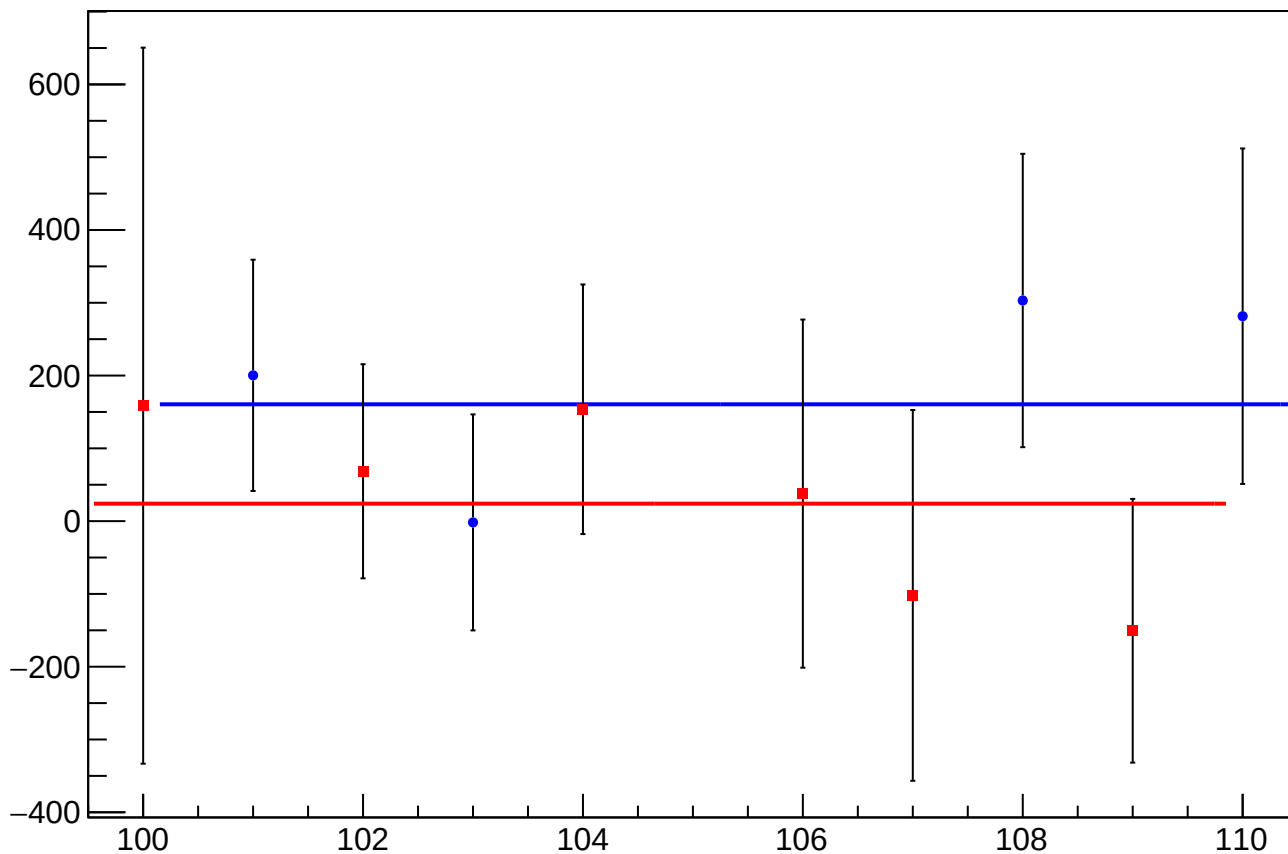
Right: 837.392+/-0.287 χ^2/NDF : 172249.2/9

In: 820.857+/-0.413 χ^2/NDF : 101667.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.392+/-0.287 χ^2/NDF : 172249.2/9

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 160.510 $\pm$ 88.219 χ^2 /NDF: 2.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.023 $\pm$ 82.273 χ^2 /NDF: 1.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

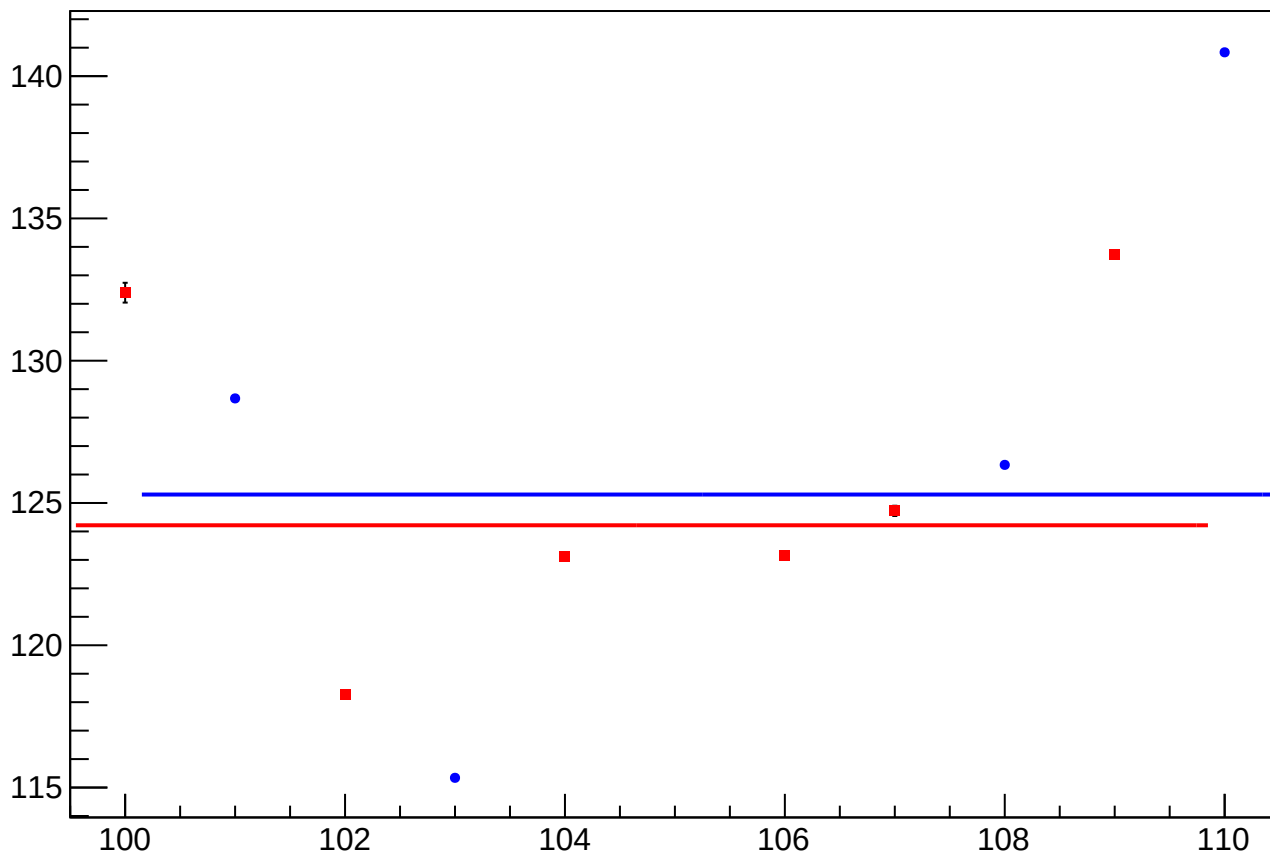
Right: 87.512 $\pm$ 60.168 χ^2 /NDF: 5.2/9

In: 160.510 $\pm$ 88.219 χ^2 /NDF:2.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 87.512 $\pm$ 60.168 χ^2 /NDF: 5.2/9

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 125.297 $\pm$ 0.062 χ^2 /NDF: 19052.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.217 $\pm$ 0.058 χ^2 /NDF: 9460.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

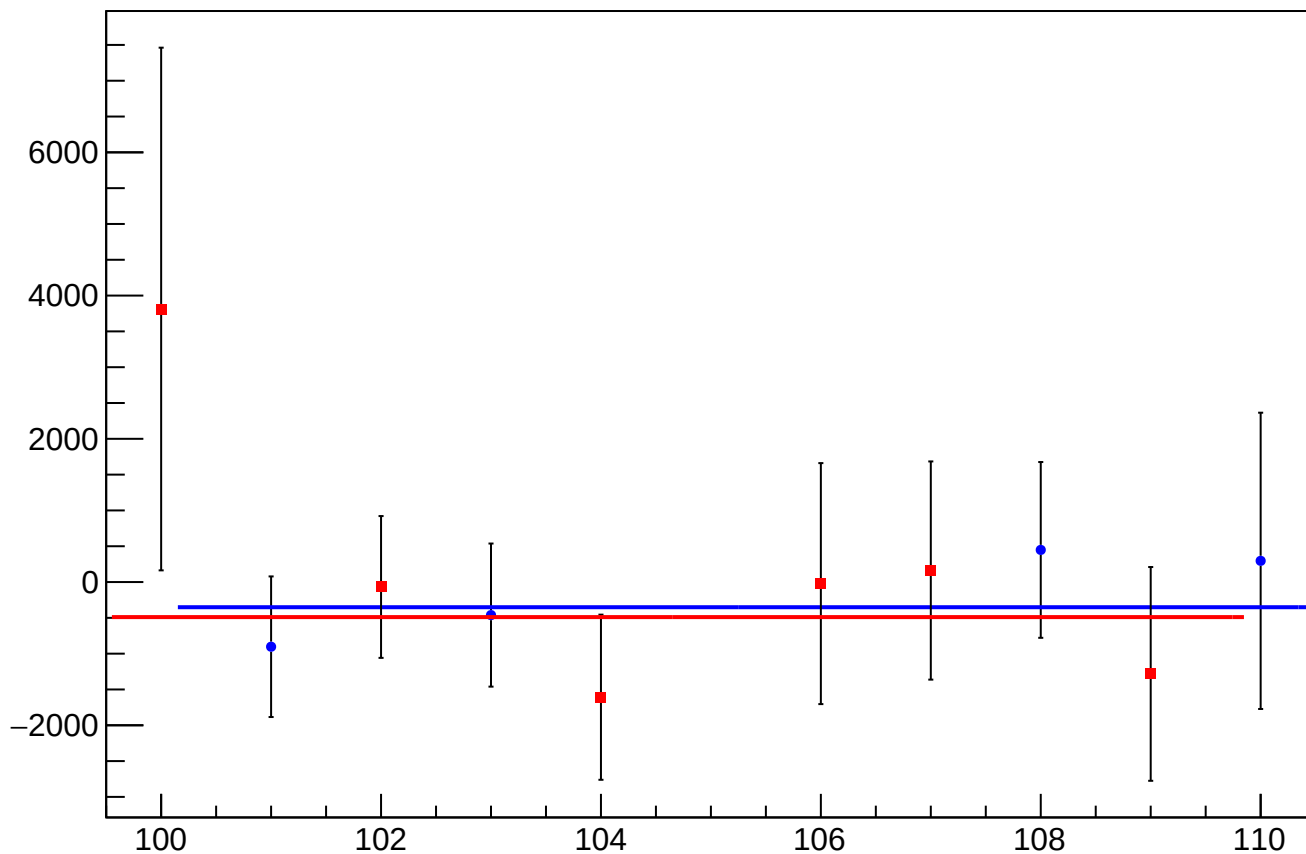
Right: 124.719 $\pm$ 0.043 χ^2 /NDF: 28673.9/9

In: 125.297 $\pm$ 0.062 χ^2 /NDF:19052.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.719 $\pm$ 0.043 χ^2 /NDF: 28673.9/9

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -351.493+/-583.489 χ^2 /NDF: 0.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -489.466+/-569.742 χ^2 /NDF: 3.1/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

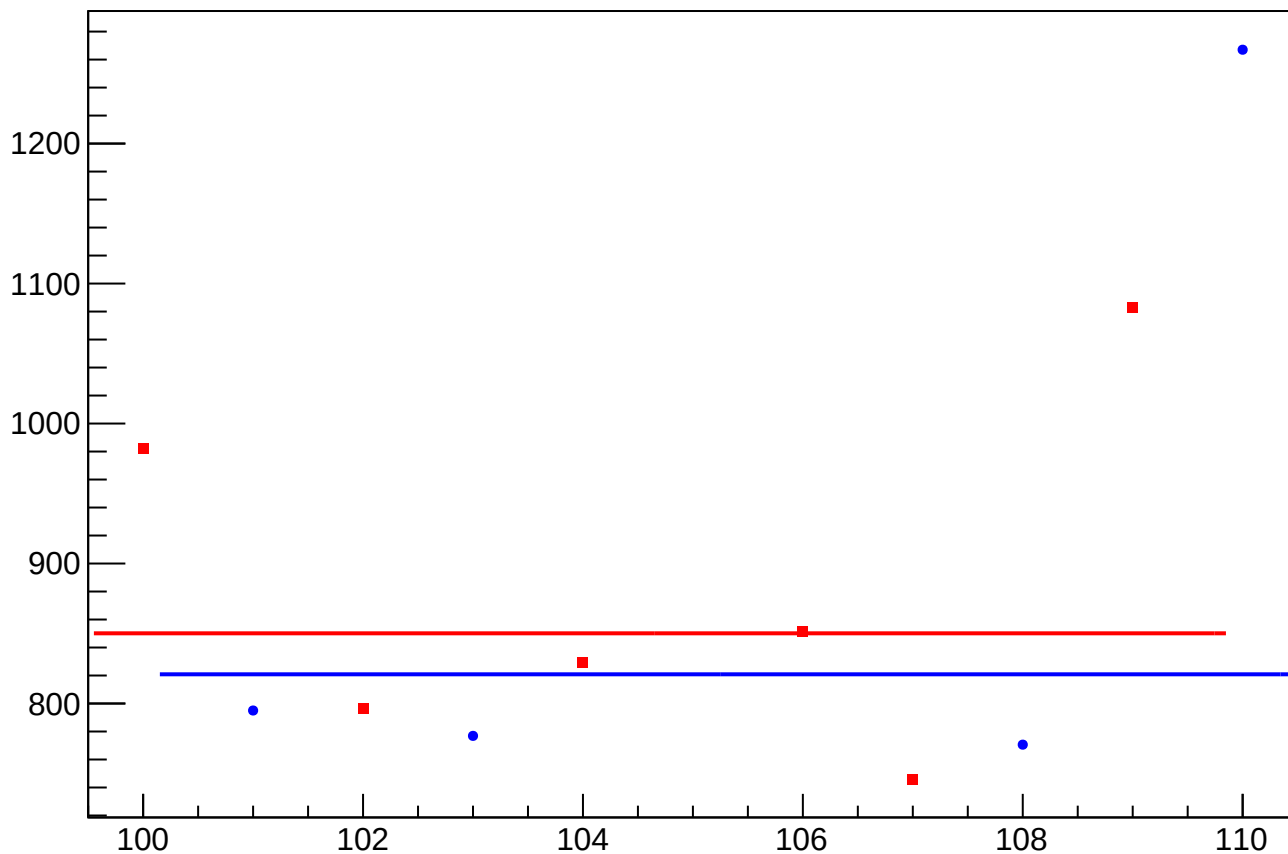
Right: -422.124+/-407.642 χ^2 /NDF: 3.9/9

In: -351.493+/-583.489 χ^2 /NDF:0.9/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -422.124+/-407.642 χ^2 /NDF: 3.9/9

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 820.866+/-0.413 χ^2/NDF : 101663.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 850.147+/-0.403 χ^2/NDF : 66977.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

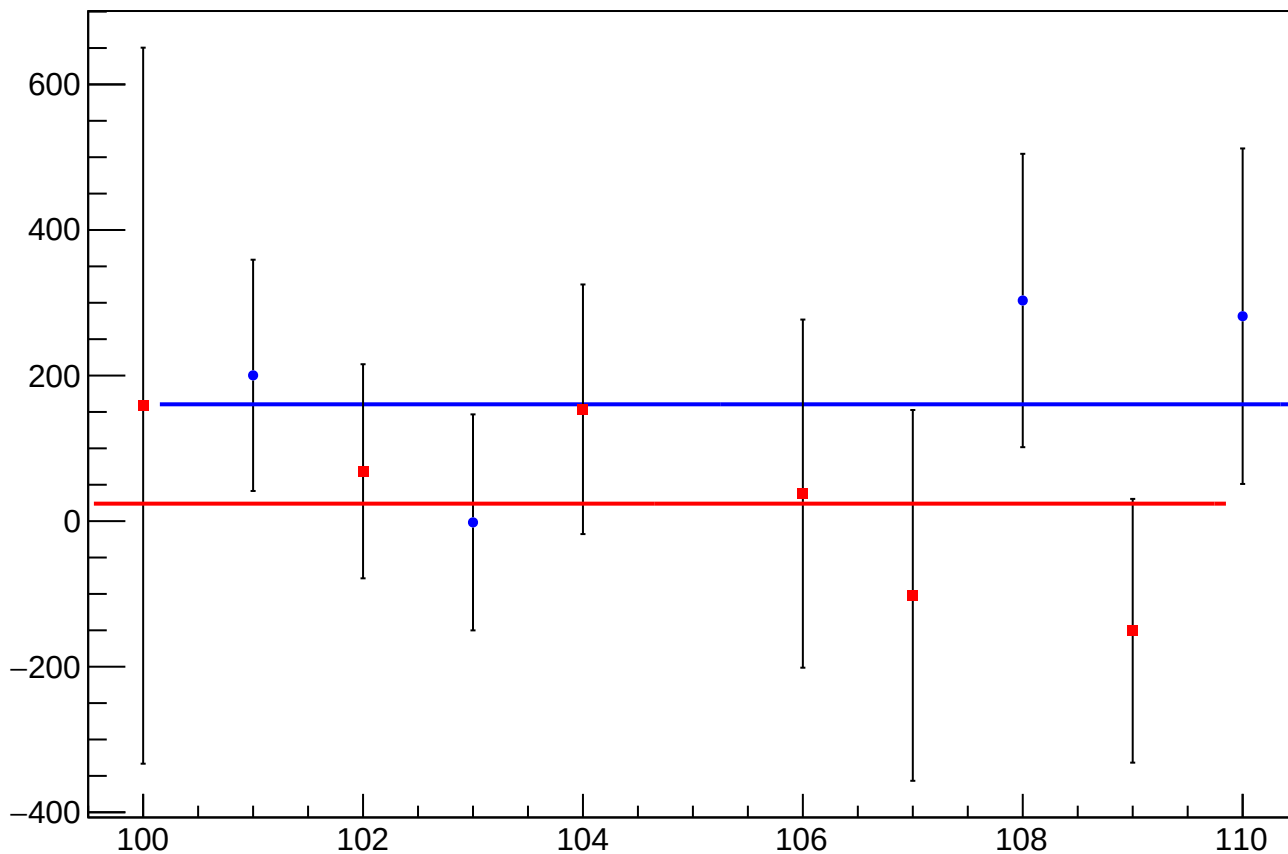
Right: 835.855+/-0.288 χ^2/NDF : 171219.7/9

In: 820.866+/-0.413 χ^2/NDF : 101663.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 835.855+/-0.288 χ^2/NDF : 171219.7/9

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 160.510 $\pm$ 88.219 χ^2 /NDF: 2.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.023 $\pm$ 82.273 χ^2 /NDF: 1.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

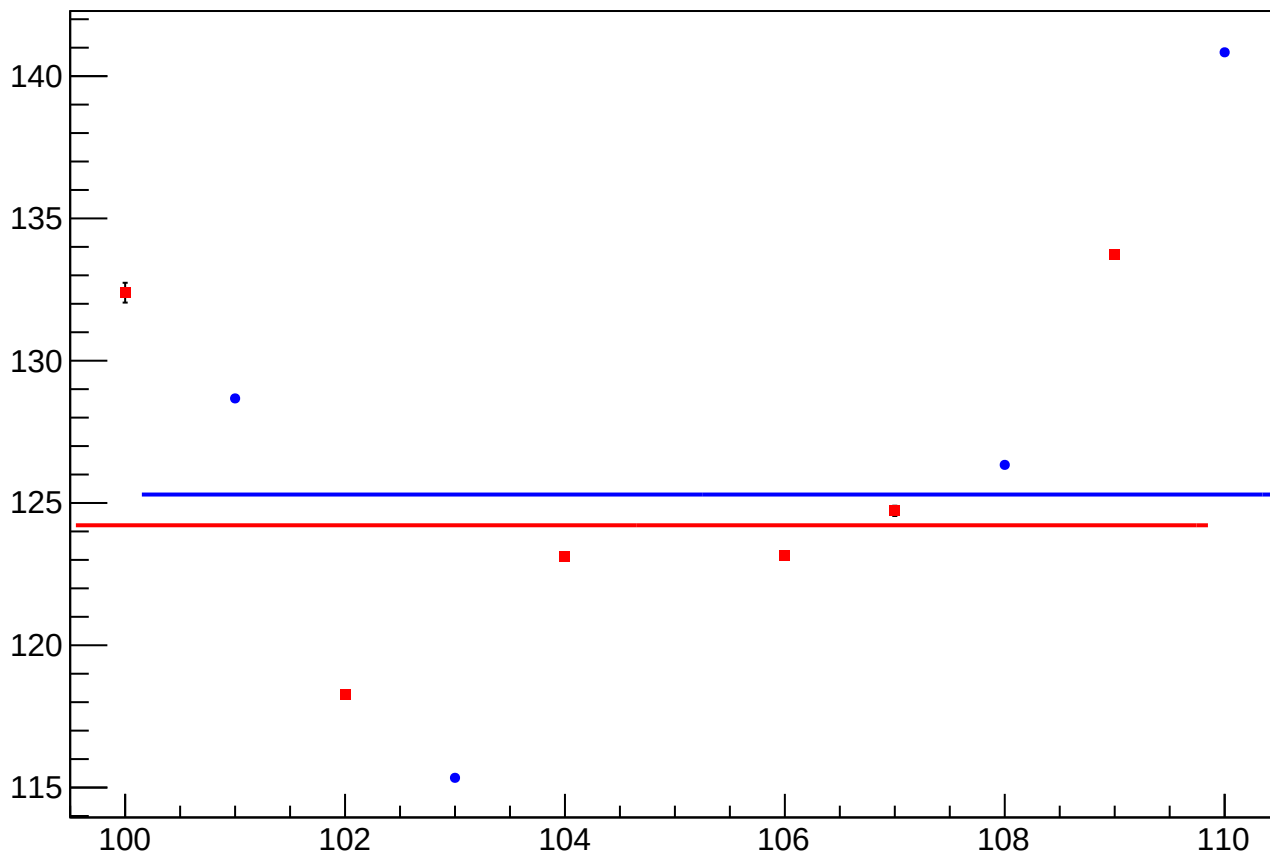
Right: 87.512 $\pm$ 60.168 χ^2 /NDF: 5.2/9

In: 160.510 $\pm$ 88.219 χ^2 /NDF: 2.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.512 $\pm$ 60.168 χ^2 /NDF: 5.2/9

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 125.297+/-0.062 χ^2/NDF : 19052.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.217+/-0.058 χ^2/NDF : 9460.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

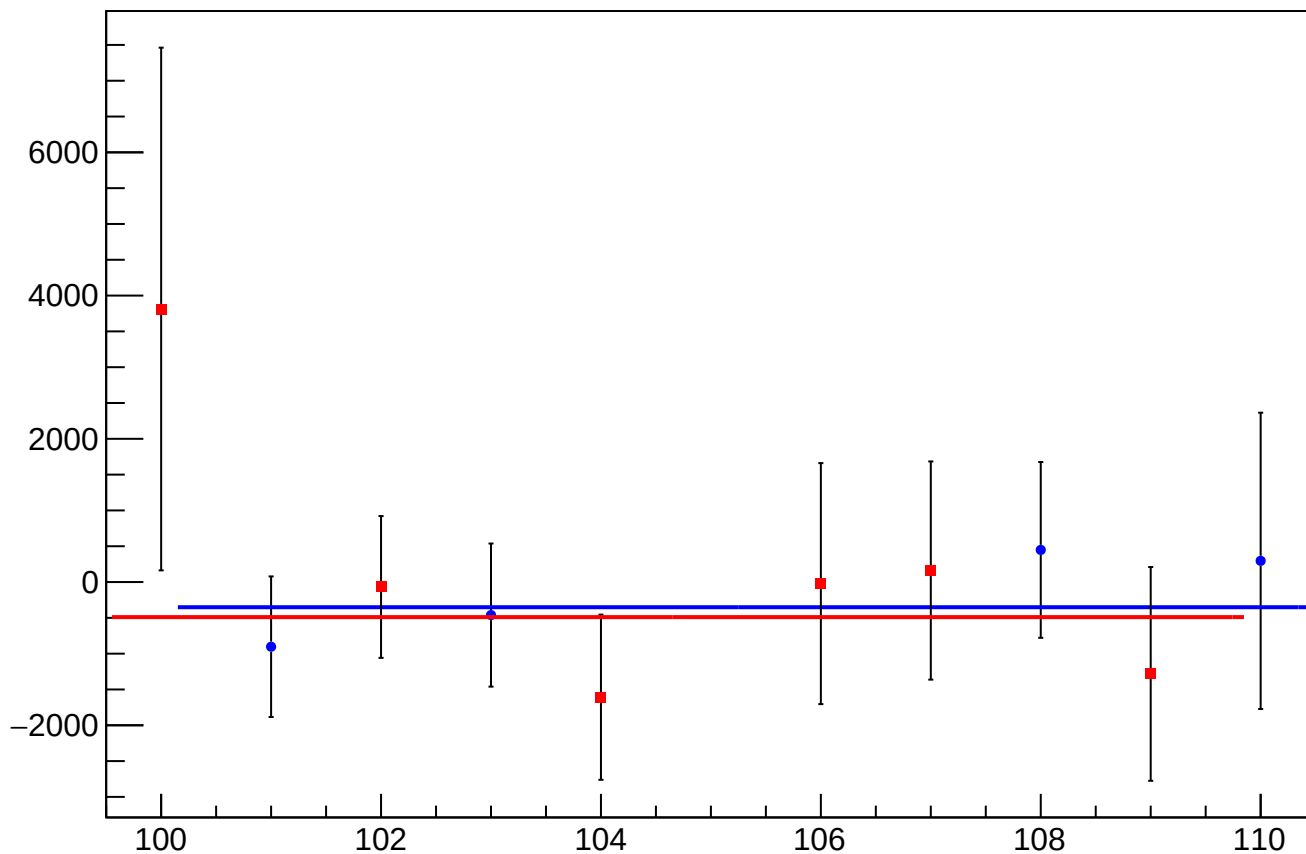
Right: 124.719+/-0.043 χ^2/NDF : 28673.9/9

In: 125.297+/-0.062 χ^2/NDF : 19052.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.719+/-0.043 χ^2/NDF : 28673.9/9

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -351.493+/-583.489 χ^2 /NDF: 0.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -489.466+/-569.742 χ^2 /NDF: 3.1/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

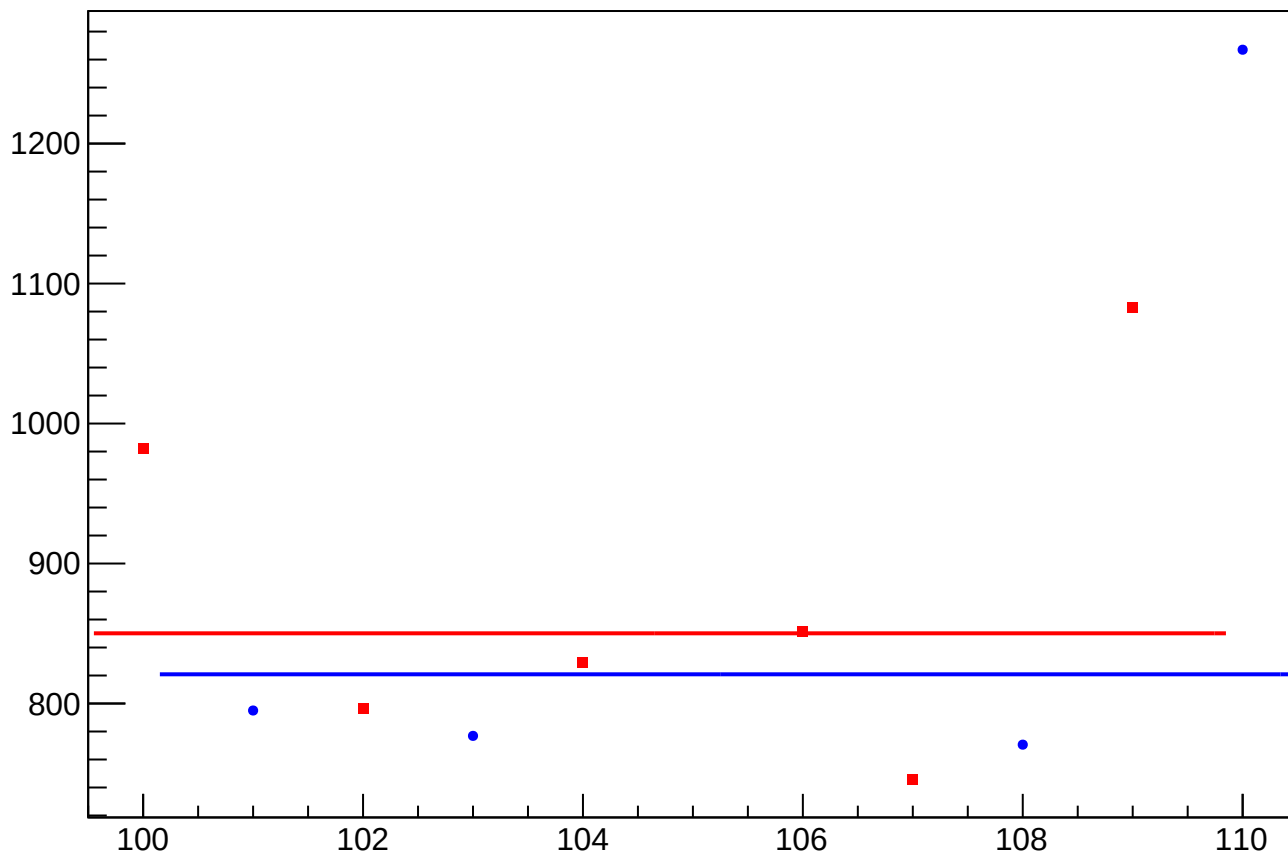
Right: -422.124+/-407.642 χ^2 /NDF: 3.9/9

In: -351.493+/-583.489 χ^2 /NDF:0.9/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -422.124+/-407.642 χ^2 /NDF: 3.9/9

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 820.866+/-0.413 χ^2/NDF : 101663.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 850.147+/-0.403 χ^2/NDF : 66977.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

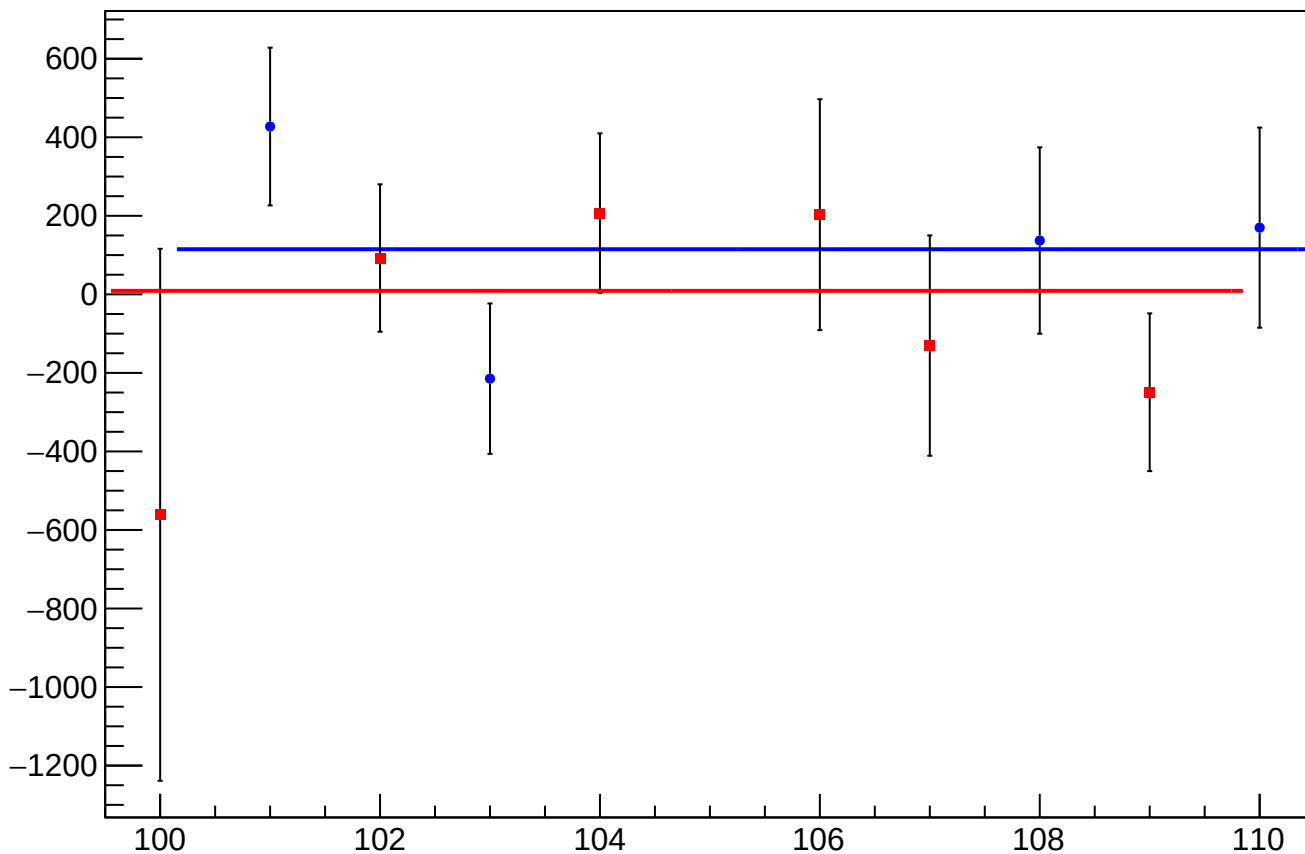
Right: 835.855+/-0.288 χ^2/NDF : 171219.7/9

In: 820.866+/-0.413 χ^2/NDF : 101663.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 835.855+/-0.288 χ^2/NDF : 171219.7/9

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 114.892 $\pm$ 108.316 χ^2 /NDF: 5.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.946 $\pm$ 98.117 χ^2 /NDF: 4.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

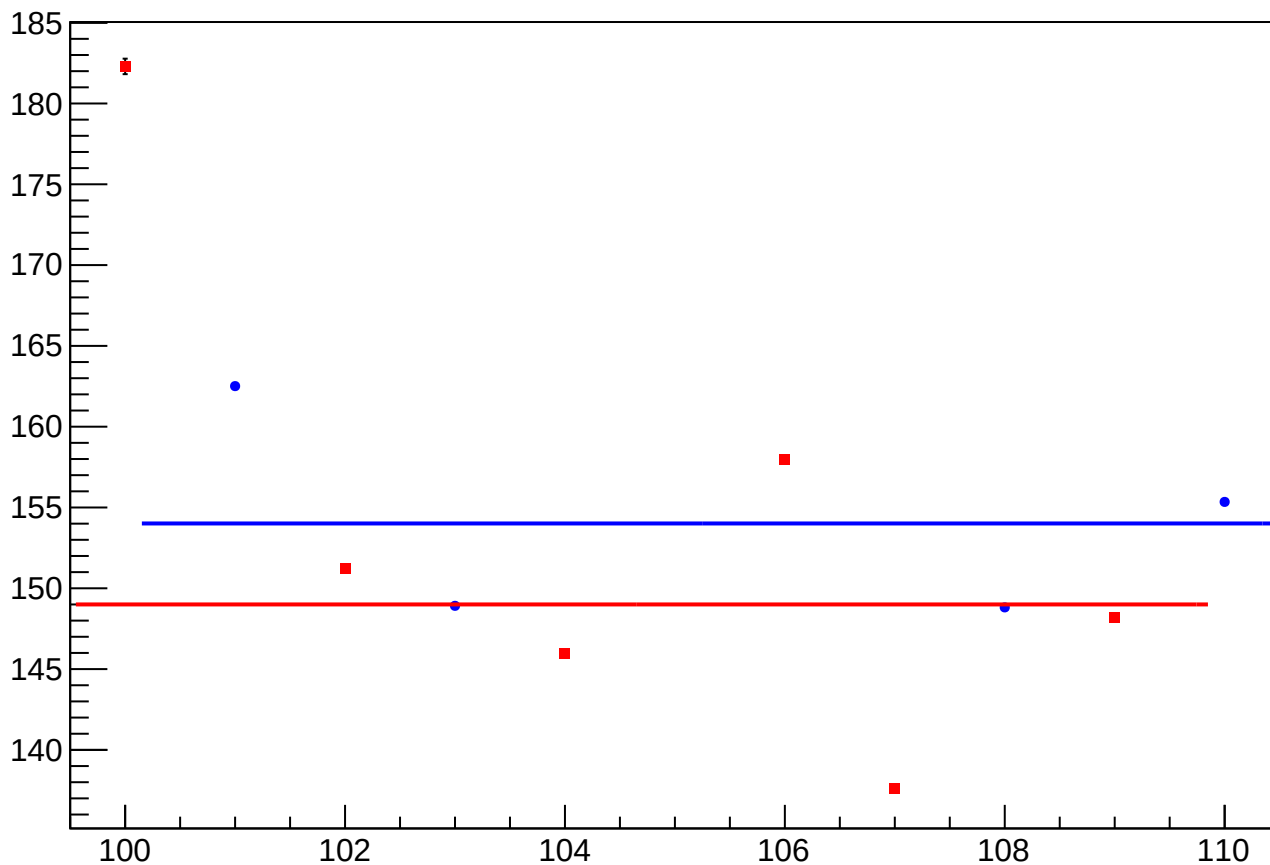
Right: 56.697 $\pm$ 72.718 χ^2 /NDF: 10.2/9

In: 114.892 $\pm$ 108.316 χ^2 /NDF: 5.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.697 $\pm$ 72.718 χ^2 /NDF: 10.2/9

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 154.012 $\pm$ 0.077 χ^2 /NDF: 6012.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149.001 $\pm$ 0.069 χ^2 /NDF: 10766.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

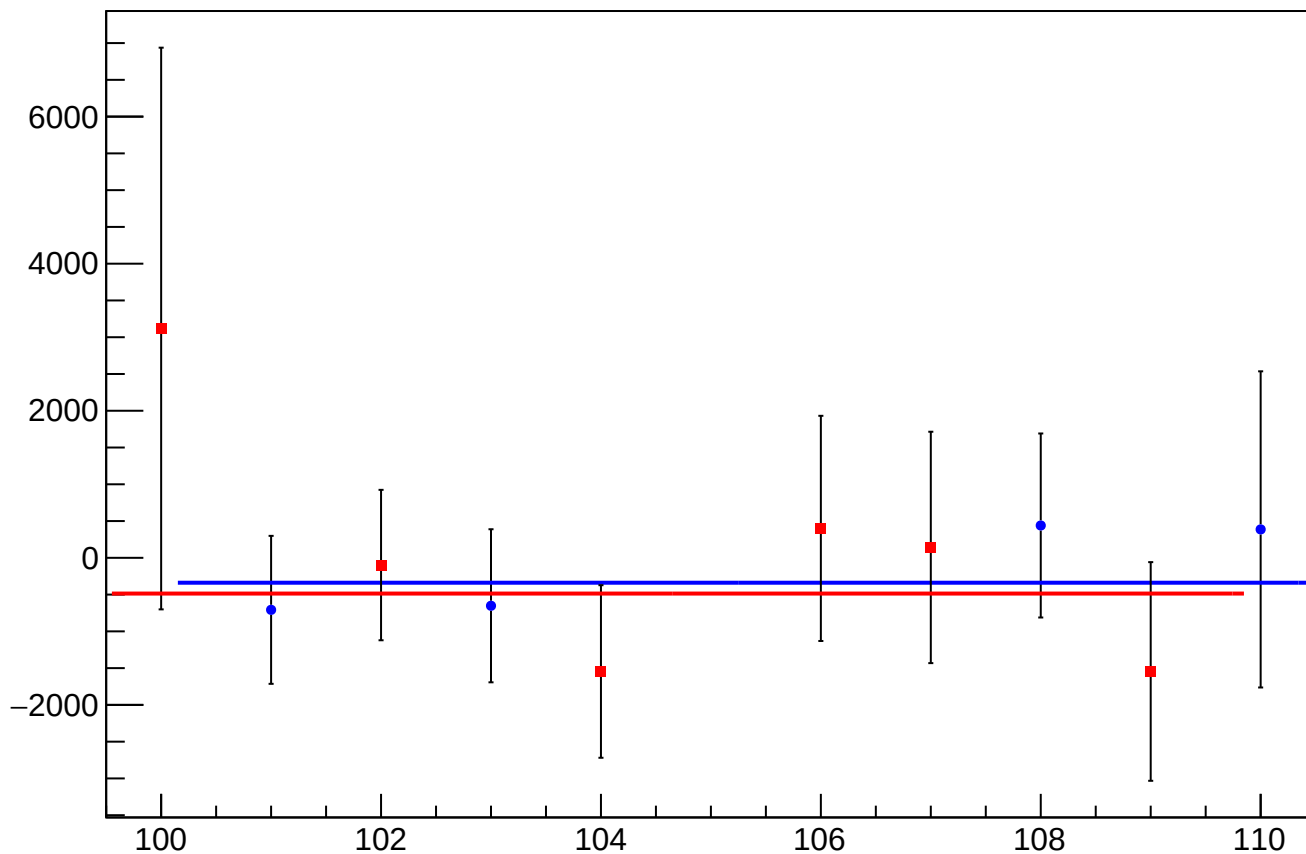
Right: 151.259 $\pm$ 0.051 χ^2 /NDF: 19129.1/9

In: 154.012 $\pm$ 0.077 χ^2 /NDF:6012.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.259 $\pm$ 0.051 χ^2 /NDF: 19129.1/9

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -338.551+/-601.263 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -485.992+/-574.112 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

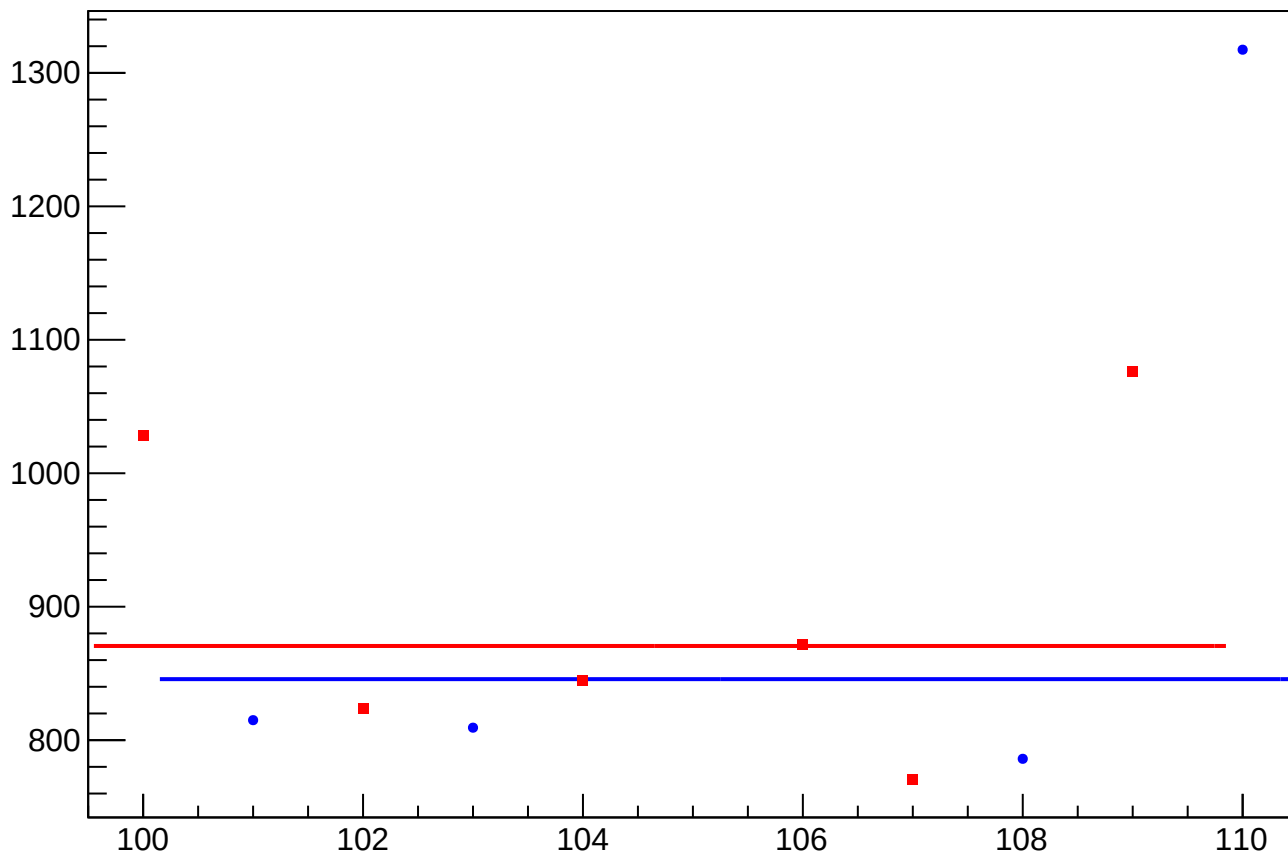
Right: -415.676+/-415.225 χ^2/NDF : 3.6/9

In: -338.551+/-601.263 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -415.676+/-415.225 χ^2/NDF : 3.6/9

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 845.718+/-0.425 χ^2/NDF : 105133.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 870.576+/-0.406 χ^2/NDF : 54952.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

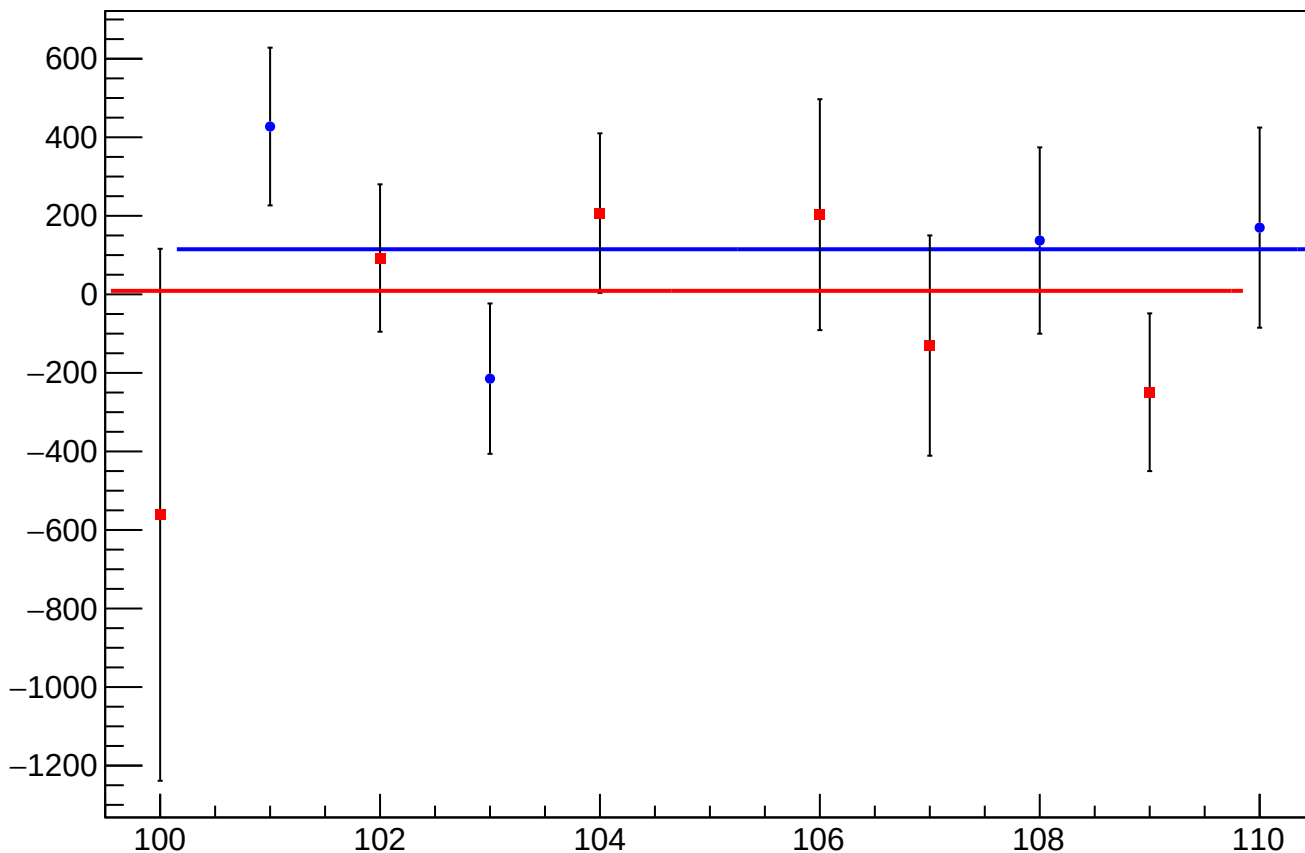
Right: 858.721+/-0.294 χ^2/NDF : 161874.0/9

In: 845.718+/-0.425 χ^2/NDF : 105133.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 858.721+/-0.294 χ^2/NDF : 161874.0/9

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 114.886 $\pm$ 108.315 χ^2 /NDF: 5.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.949 $\pm$ 98.116 χ^2 /NDF: 4.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

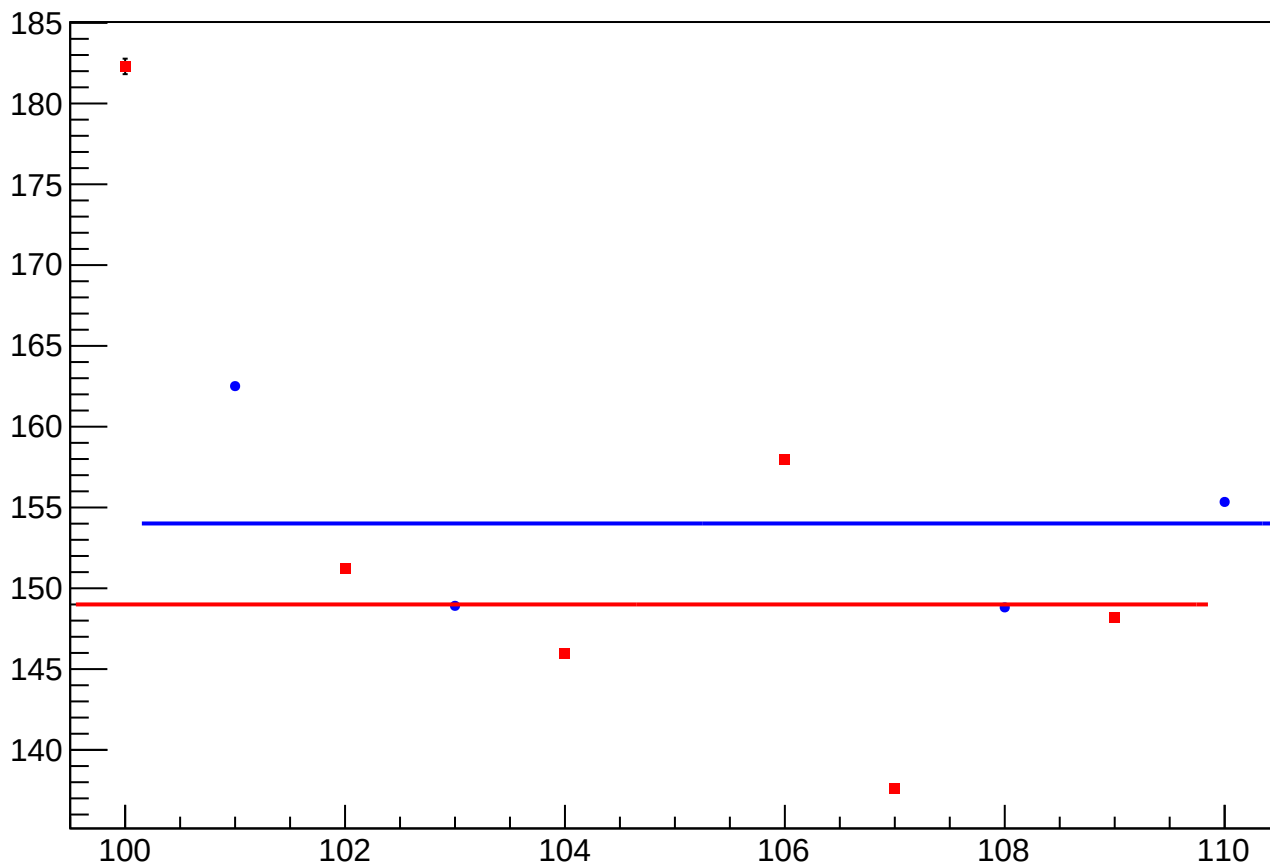
Right: 56.696 $\pm$ 72.718 χ^2 /NDF: 10.2/9

In: 114.886 $\pm$ 108.315 χ^2 /NDF: 5.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.696 $\pm$ 72.718 χ^2 /NDF: 10.2/9

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 154.011+/-0.077 χ^2/NDF : 6012.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.001+/-0.069 χ^2/NDF : 10766.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

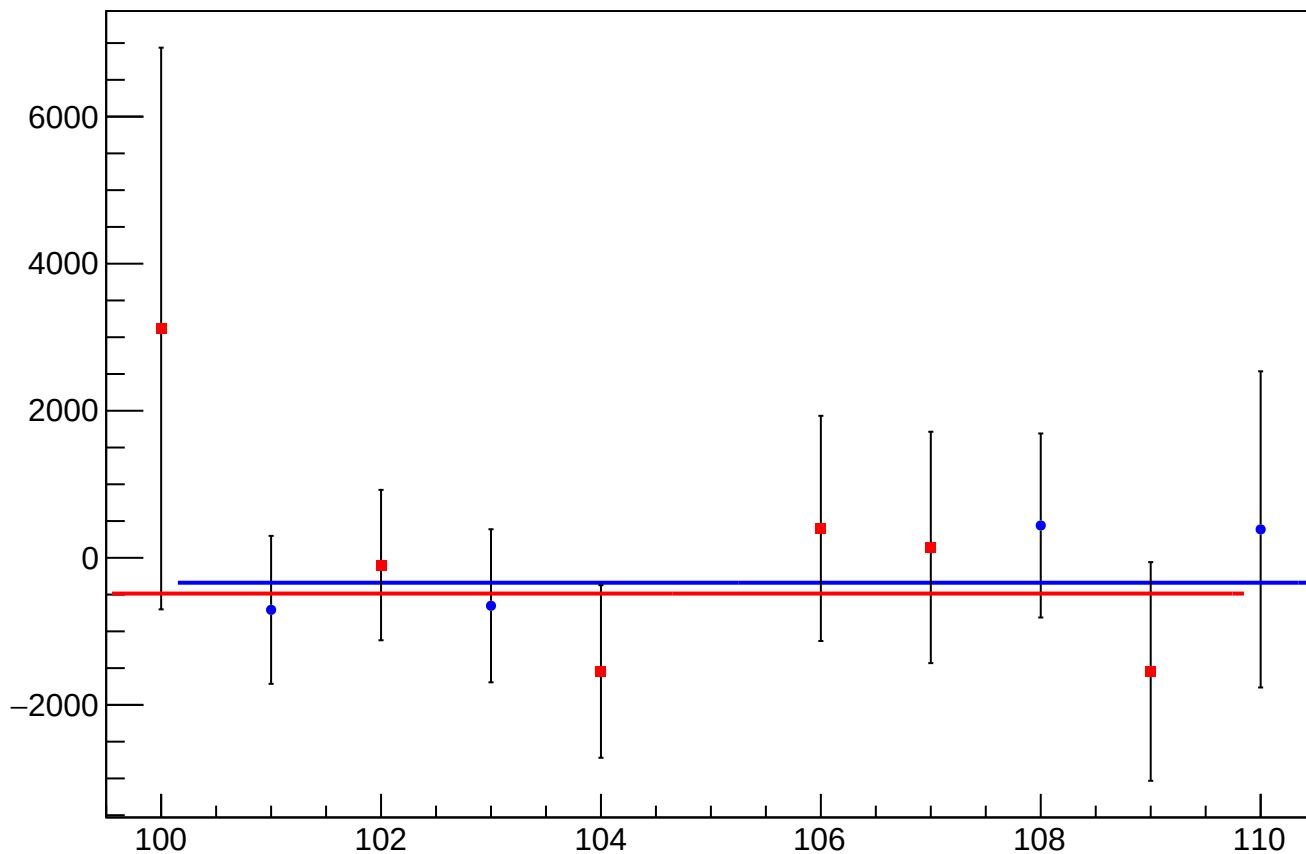
Right: 151.259+/-0.051 χ^2/NDF : 19128.8/9

In: 154.011+/-0.077 χ^2/NDF : 6012.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.259+/-0.051 χ^2/NDF : 19128.8/9

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -338.556+/-601.262 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -485.991+/-574.111 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

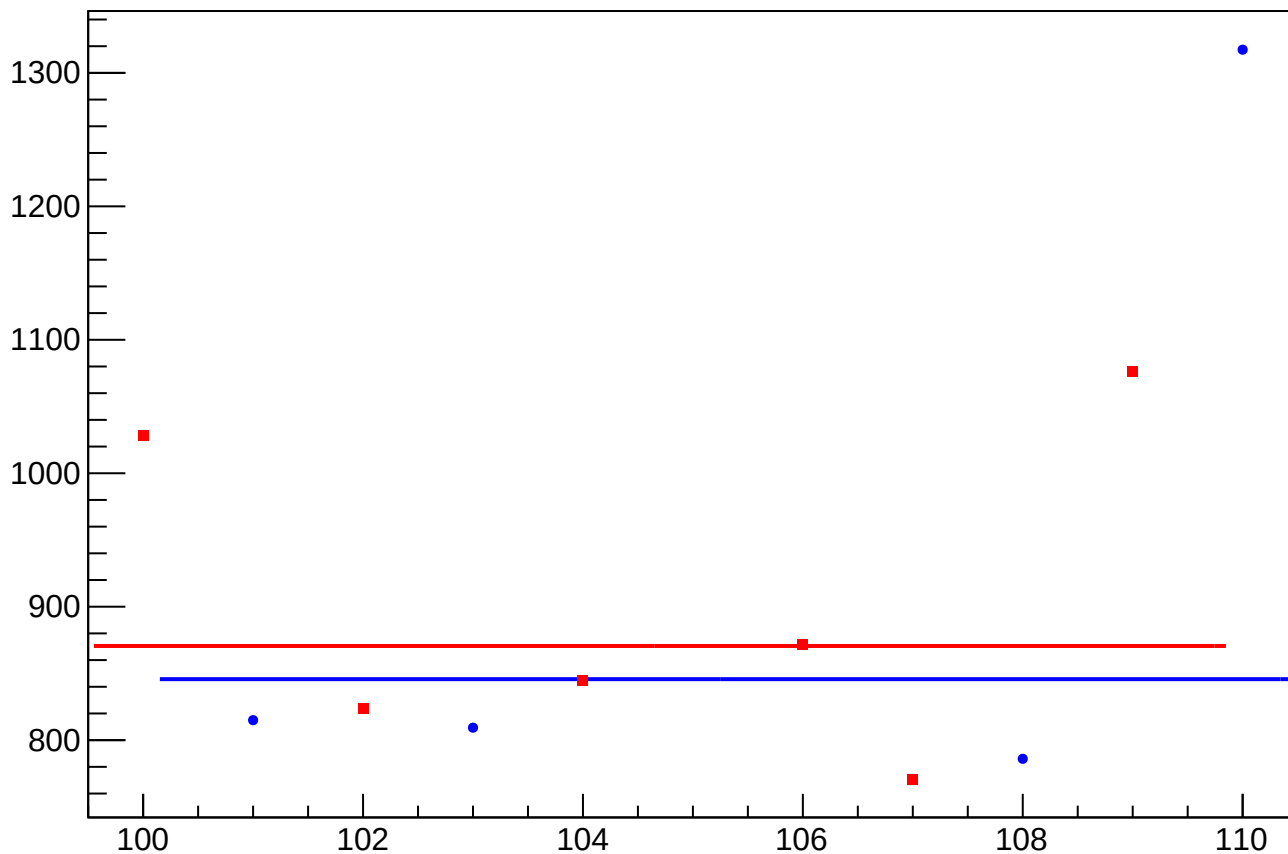
Right: -415.677+/-415.224 χ^2/NDF : 3.6/9

In: -338.556+/-601.262 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -415.677+/-415.224 χ^2/NDF : 3.6/9

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 845.716+/-0.425 χ^2/NDF : 105132.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 870.573+/-0.406 χ^2/NDF : 54952.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

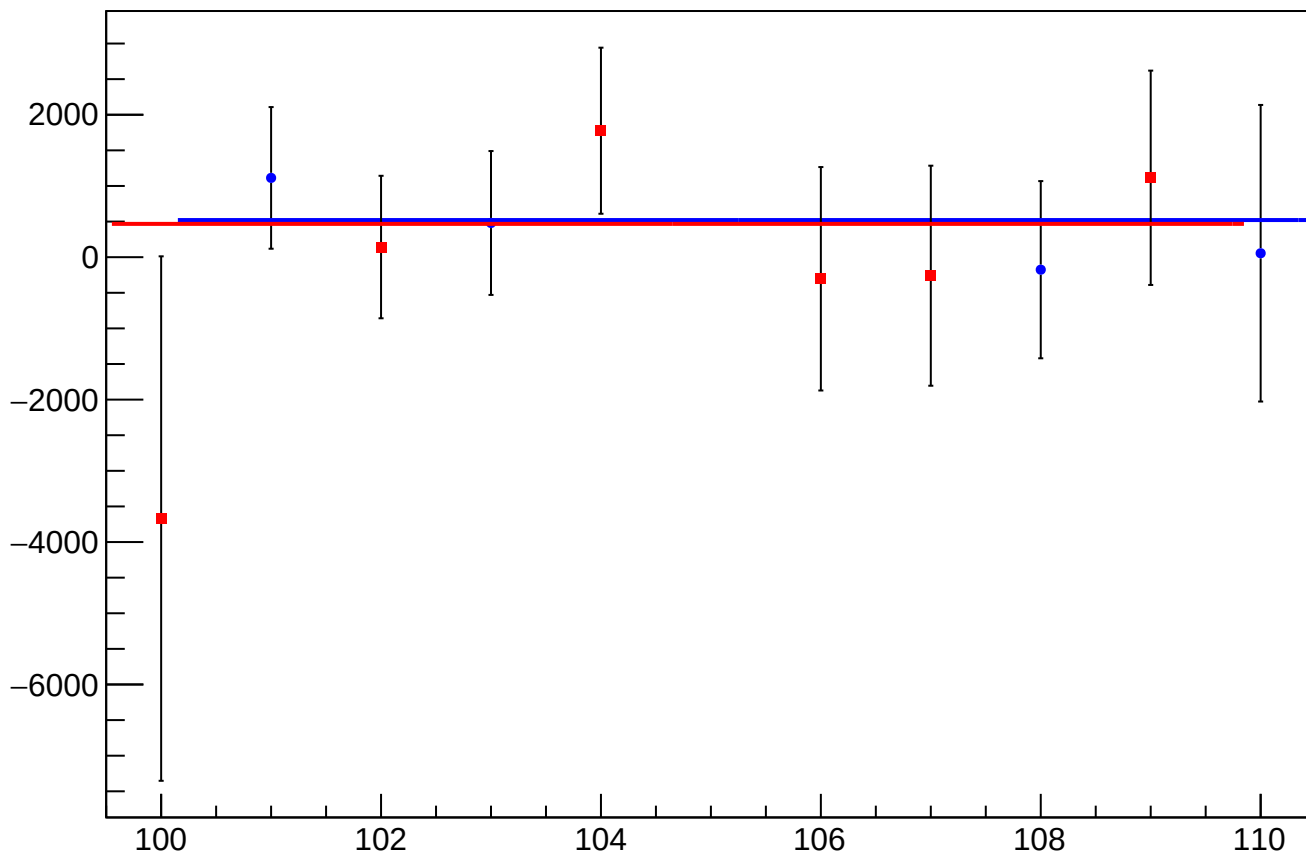
Right: 858.719+/-0.294 χ^2/NDF : 161873.2/9

In: 845.716+/-0.425 χ^2/NDF : 105132.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 858.719+/-0.294 χ^2/NDF : 161873.2/9

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 521.434 $\pm$ 590.509 χ^2 /NDF: 0.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 467.592 $\pm$ 570.220 χ^2 /NDF: 3.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

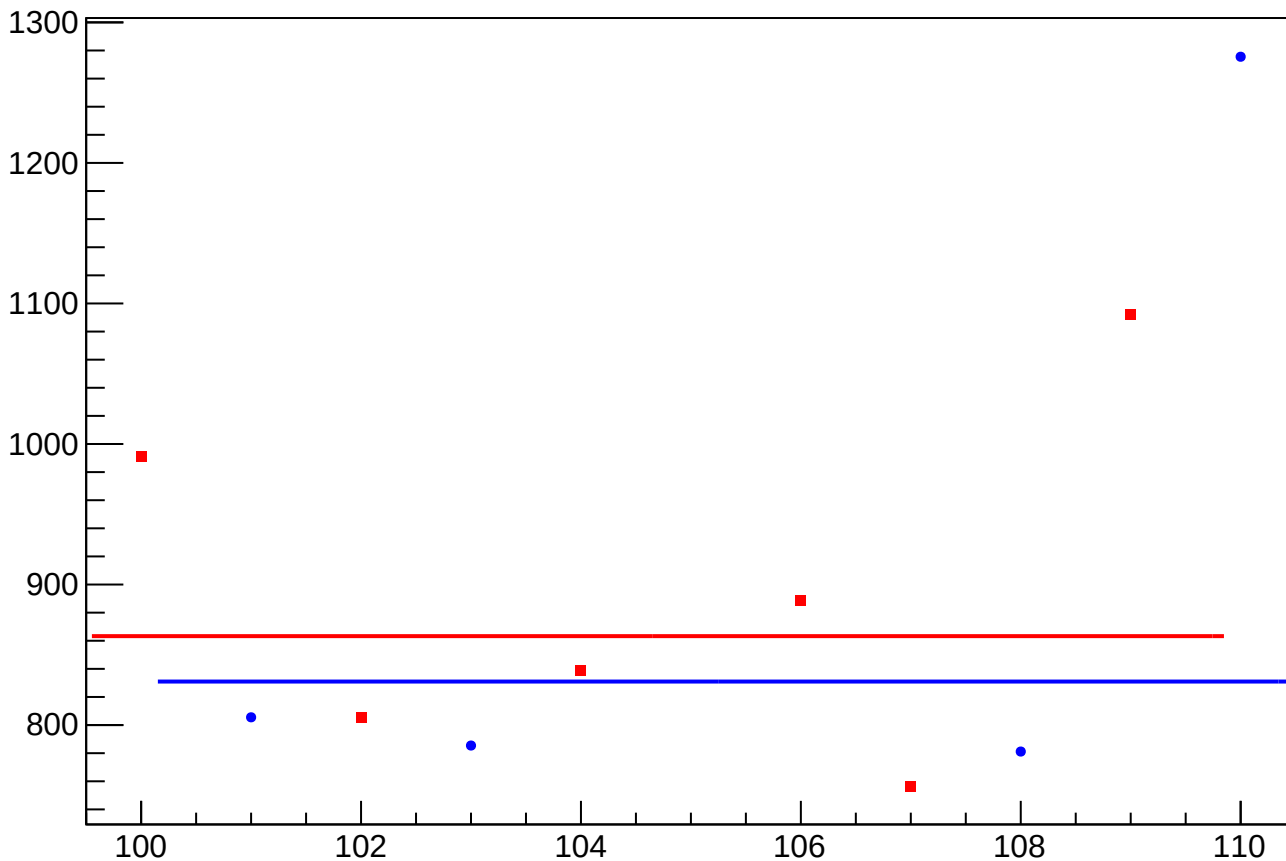
Right: 493.572 $\pm$ 410.192 χ^2 /NDF: 4.0/9

In: 521.434 $\pm$ 590.509 χ^2 /NDF:0.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 493.572 $\pm$ 410.192 χ^2 /NDF: 4.0/9

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 830.972+/-0.418 χ^2/NDF : 99744.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 863.280+/-0.403 χ^2/NDF : 66405.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

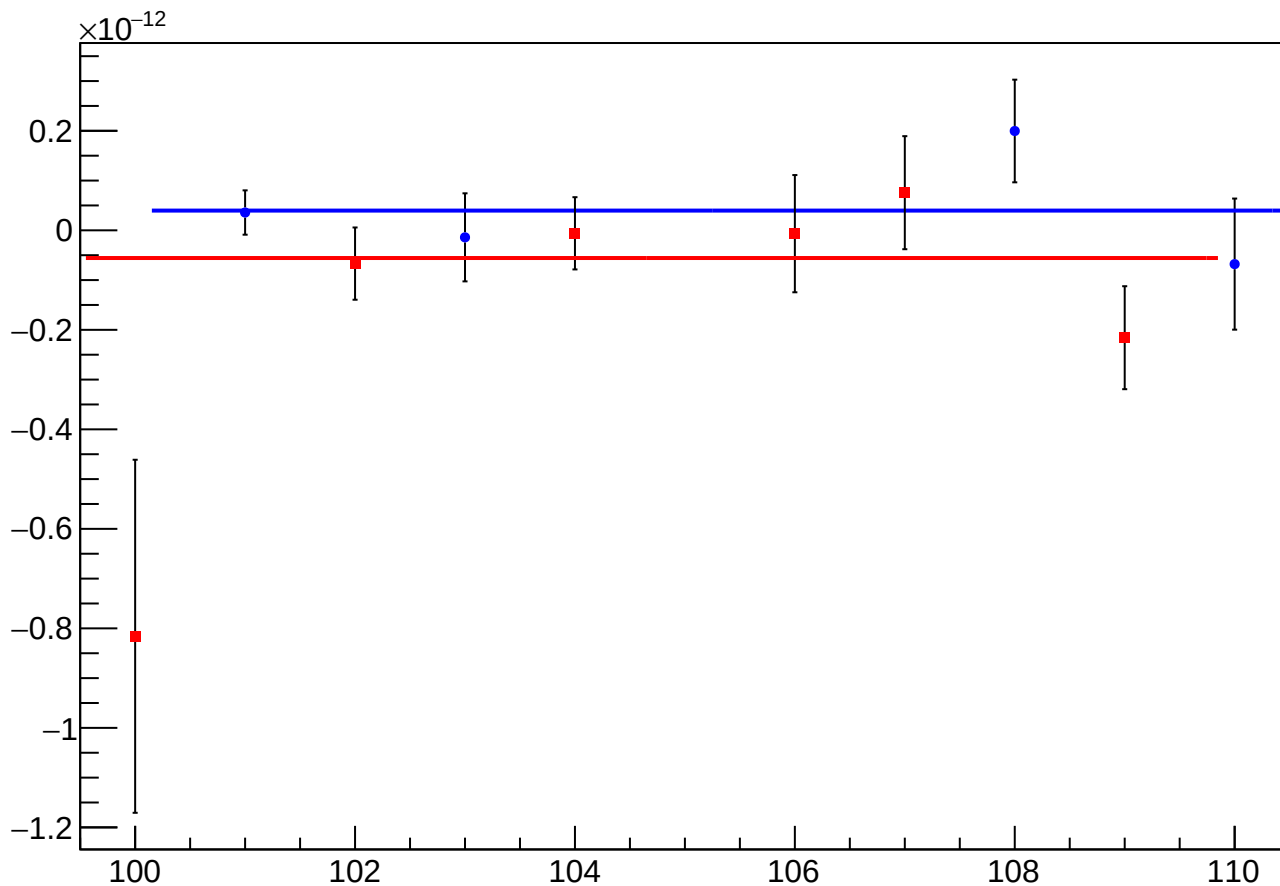
Right: 847.691+/-0.290 χ^2/NDF : 169247.7/9

In: 830.972+/-0.418 χ^2/NDF : 99744.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.691+/-0.290 χ^2/NDF : 169247.7/9

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

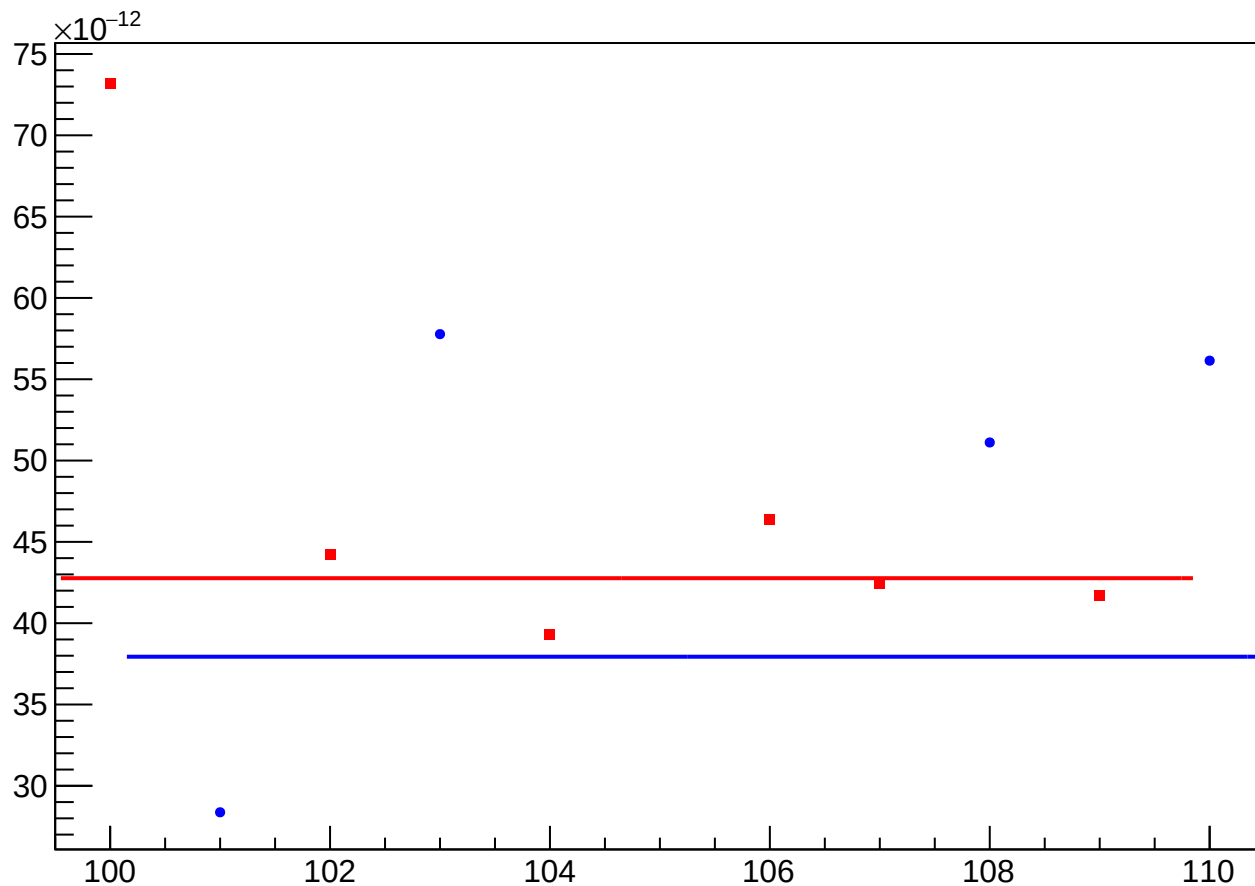
Right: -0.000+/-0.000 χ^2/NDF : 15.6/9

In: 0.000+/-0.000 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.6/9

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 263551.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22054.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

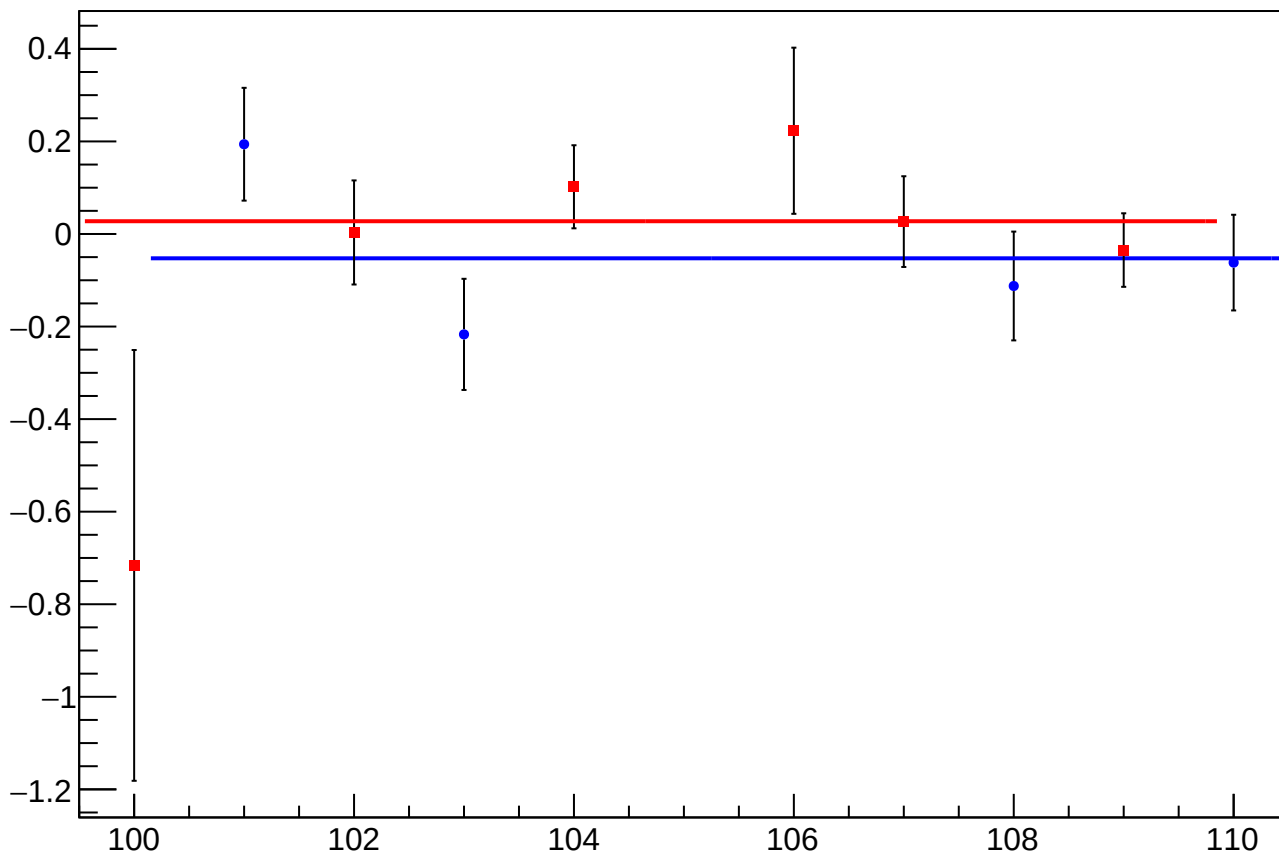
Right: 0.000+/-0.000 χ^2/NDF : 301892.2/9

In: 0.000+/-0.000 χ^2/NDF : 263551.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 301892.2/9

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.053 $\pm$ 0.057 χ^2 /NDF: 6.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 5.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

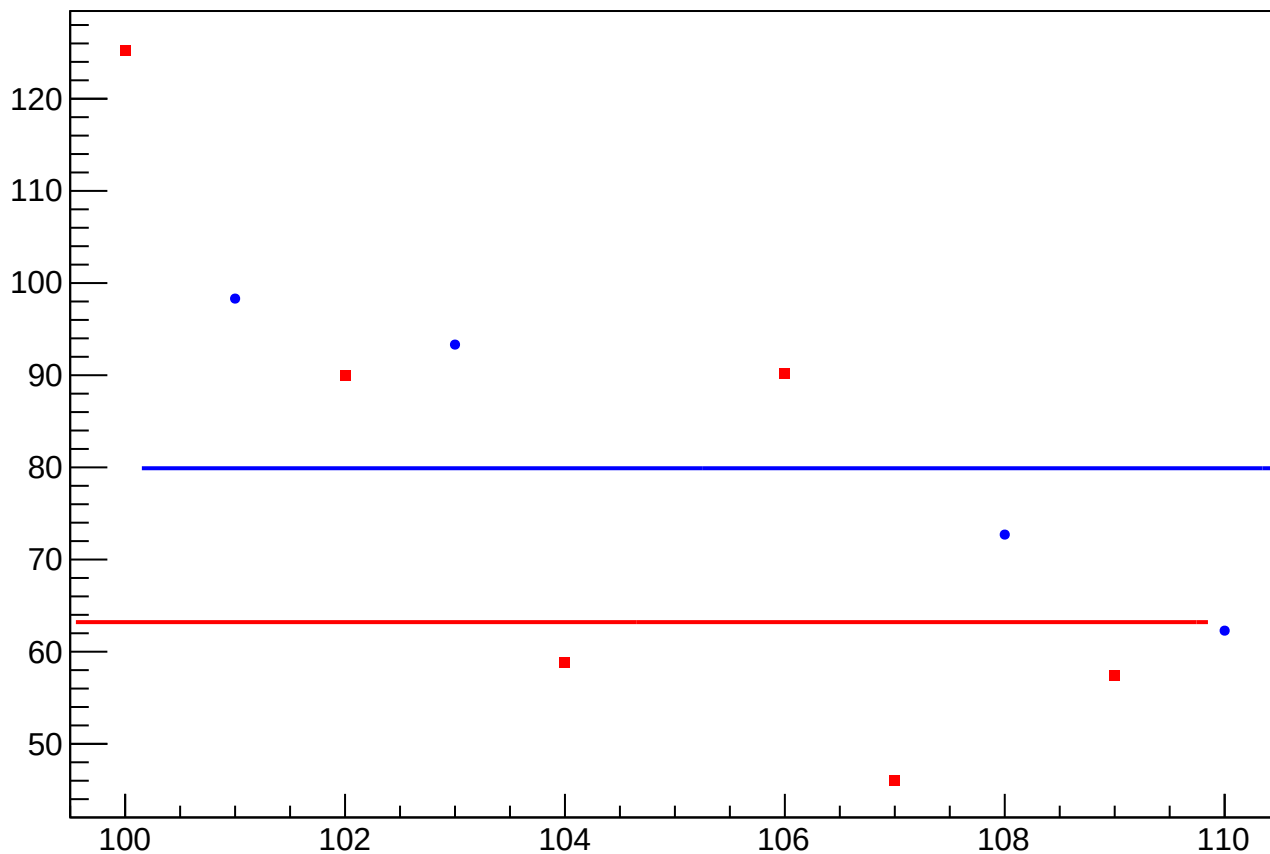
Right: -0.003 $\pm$ 0.035 χ^2 /NDF: 12.5/9

In: -0.053 $\pm$ 0.057 χ^2 /NDF:6.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.035 χ^2 /NDF: 12.5/9

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 79.906 $\pm$ 0.041 χ^2 /NDF: 136245.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 63.209 $\pm$ 0.032 χ^2 /NDF: 270549.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

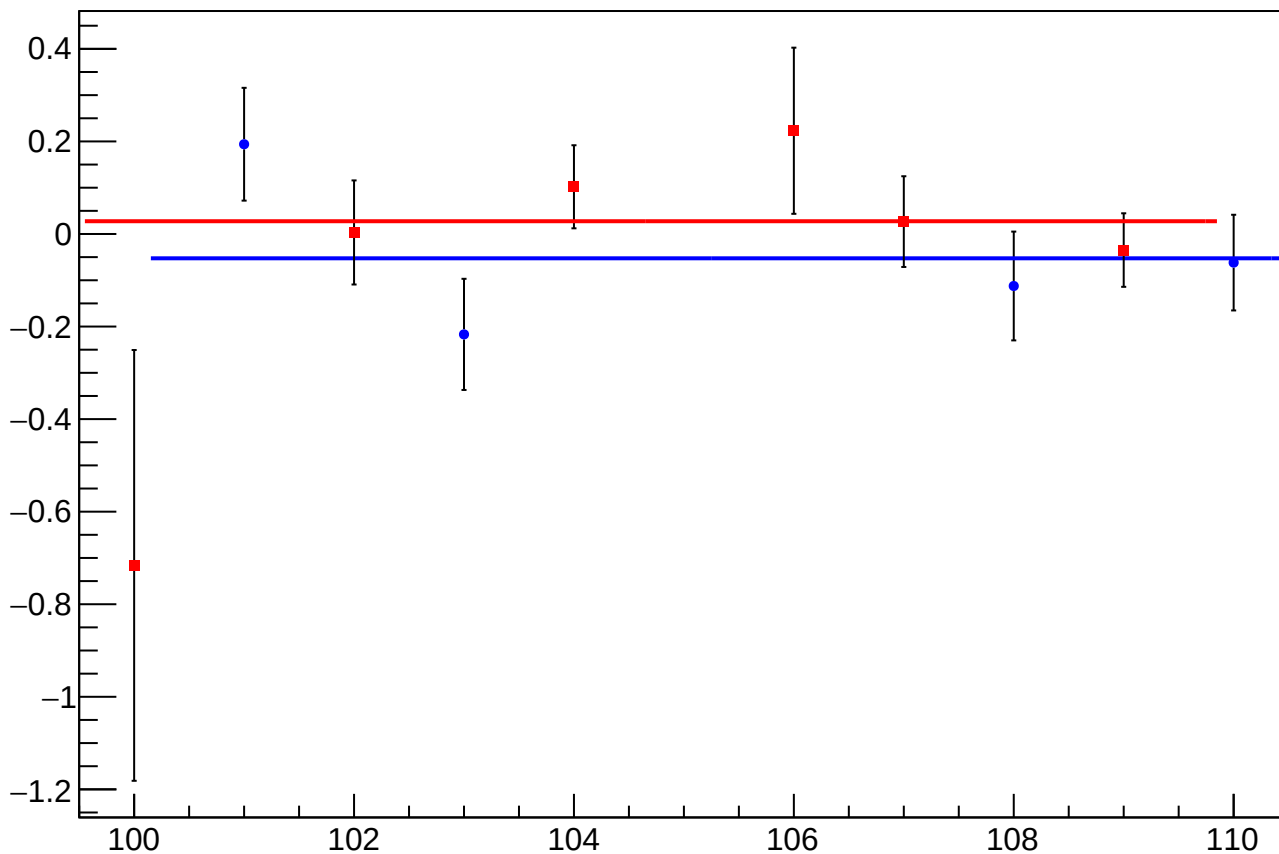
Right: 69.494 $\pm$ 0.025 χ^2 /NDF: 512031.7/9

In: 79.906 $\pm$ 0.041 χ^2 /NDF:136245.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.494 $\pm$ 0.025 χ^2 /NDF: 512031.7/9

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.053±/0.057 χ^2 /NDF: 6.2/3

Left Out: 0.000±/0.000 χ^2 /NDF:0.0/0

Right Out: 0.028±/0.045 χ^2 /NDF: 5.1/5

Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

Left: 0.000±/0.000 χ^2 /NDF: 0.0/0

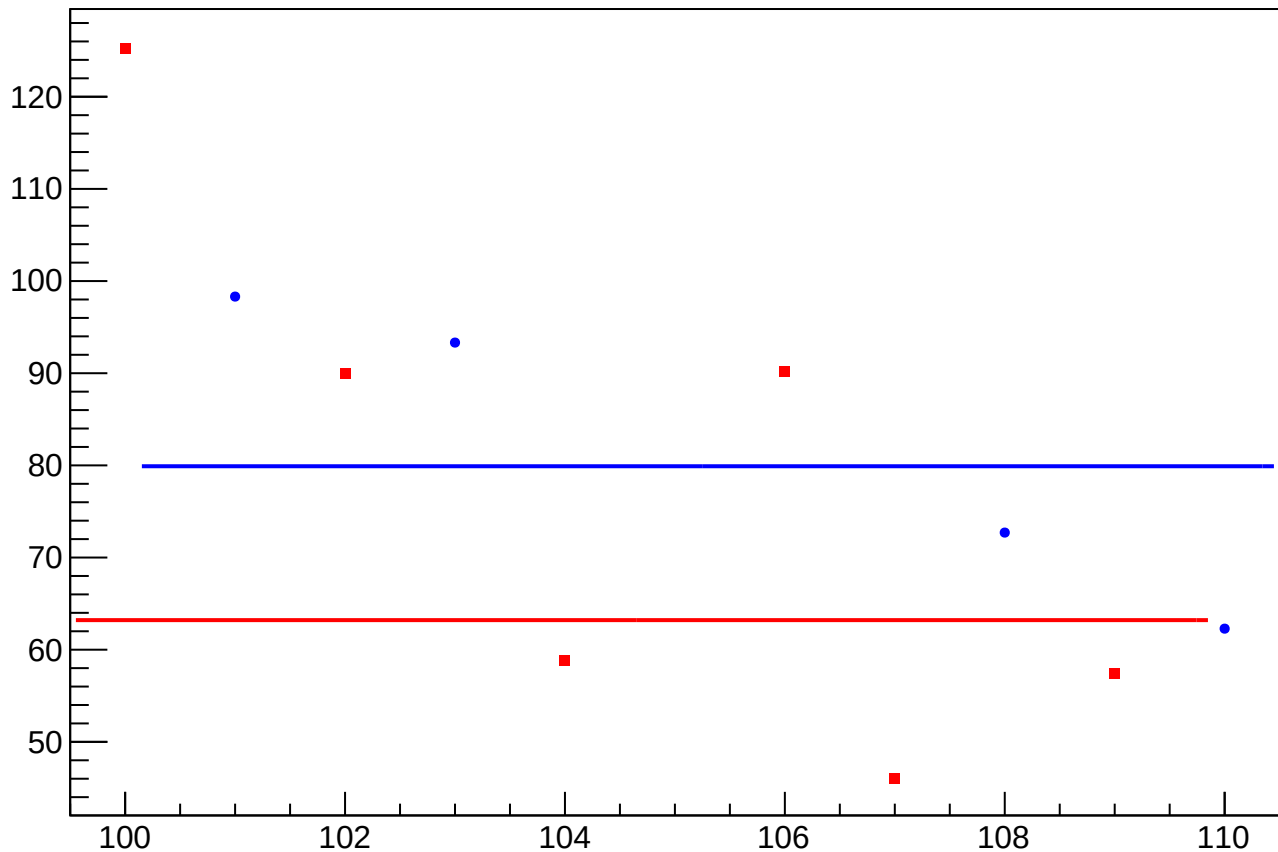
Right: -0.003±/0.035 χ^2 /NDF: 12.5/9

In: -0.053±/0.057 χ^2 /NDF:6.2/3

Out: 0.000±/0.000 χ^2 /NDF:0.0/0

All: -0.003±/0.035 χ^2 /NDF: 12.5/9

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 79.906 $\pm$ 0.041 χ^2 /NDF: 136245.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 63.209 $\pm$ 0.032 χ^2 /NDF: 270549.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

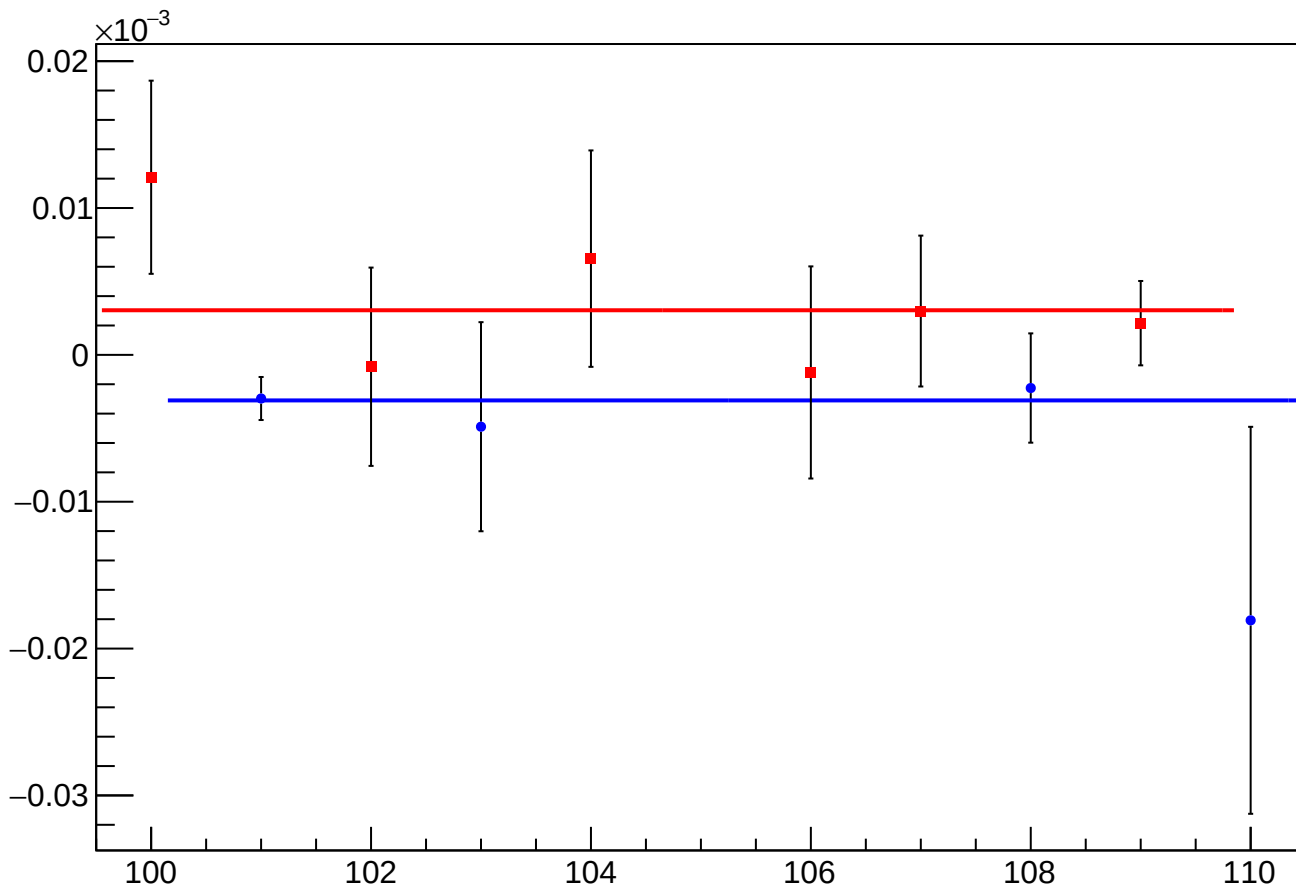
Right: 69.494 $\pm$ 0.025 χ^2 /NDF: 512031.7/9

In: 79.906 $\pm$ 0.041 χ^2 /NDF:136245.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.494 $\pm$ 0.025 χ^2 /NDF: 512031.7/9

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

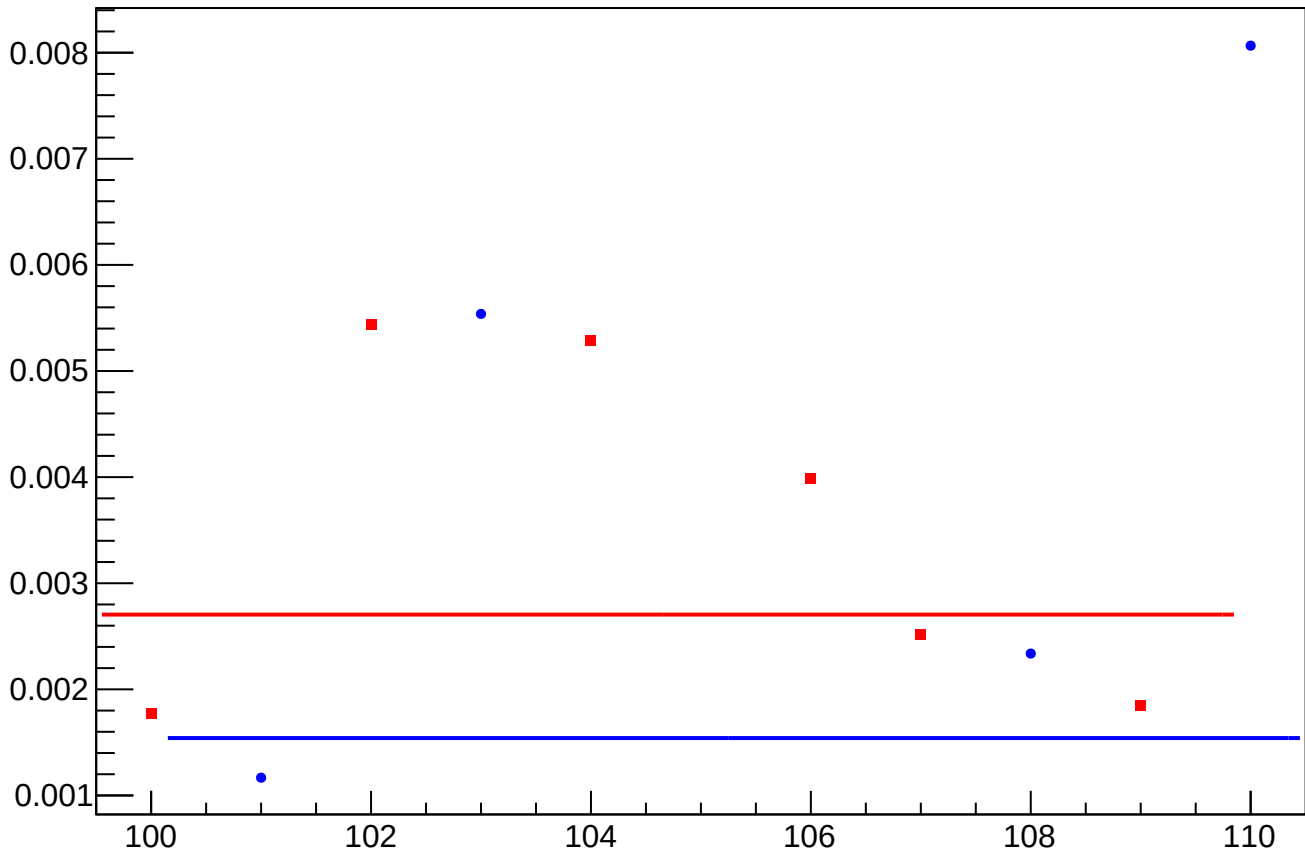
Right: -0.000+/-0.000 χ^2/NDF : 10.7/9

In: -0.000+/-0.000 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.7/9

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1342626.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 855671.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

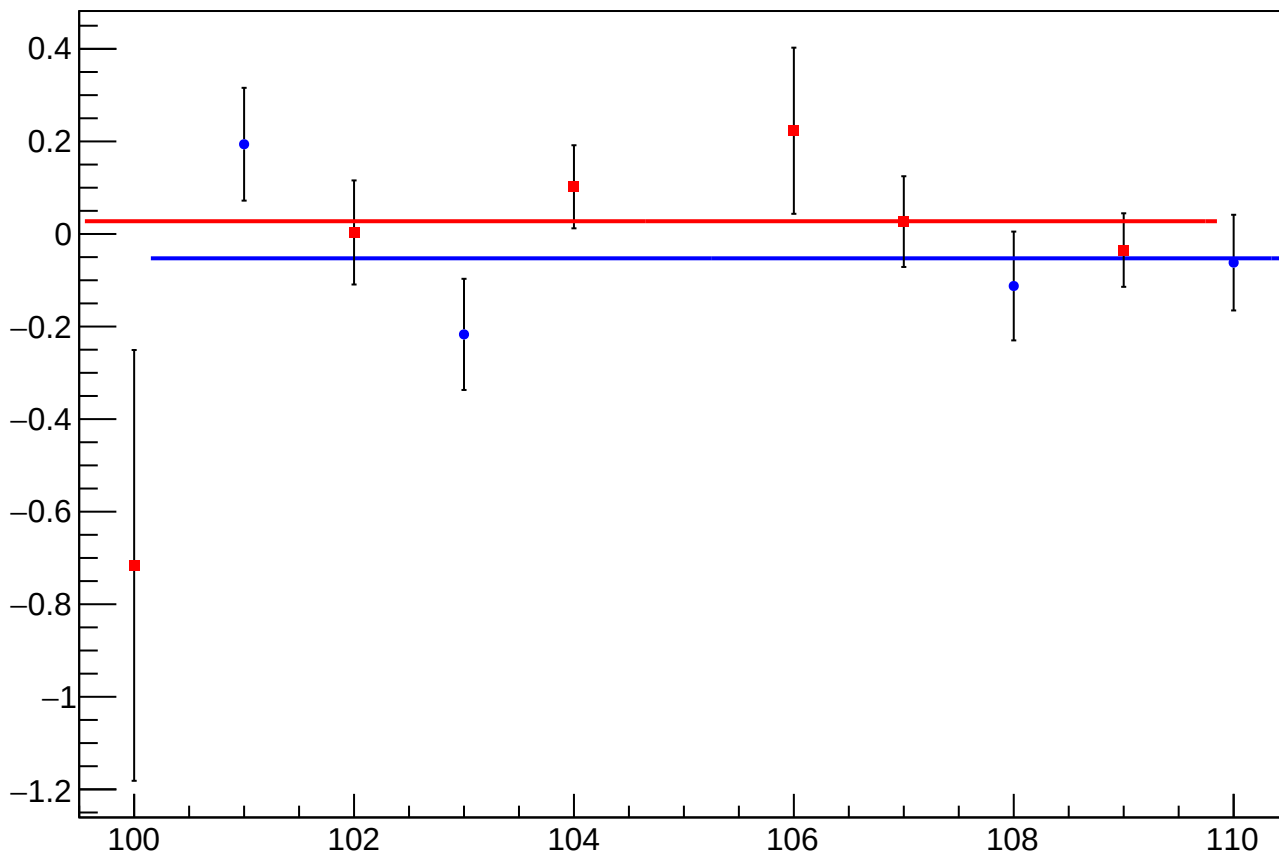
Right: 0.002+/-0.000 χ^2/NDF : 2656449.3/9

In: 0.002+/-0.000 χ^2/NDF : 1342626.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2656449.3/9

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.053 $\pm$ 0.057 χ^2/NDF : 6.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.028 $\pm$ 0.045 χ^2/NDF : 5.1/5

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

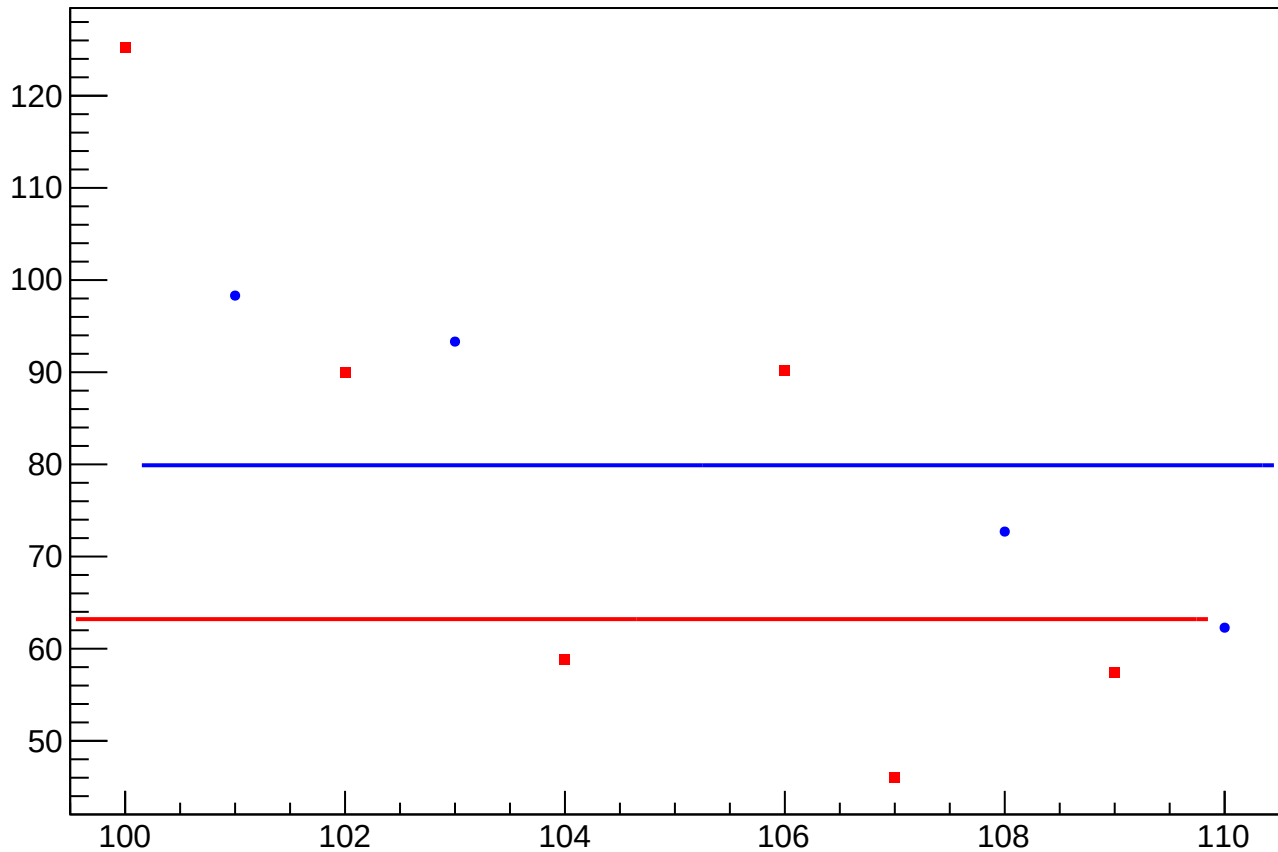
Right: -0.003 $\pm$ 0.035 χ^2/NDF : 12.5/9

In: -0.053 $\pm$ 0.057 χ^2/NDF : 6.2/3

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.003 $\pm$ 0.035 χ^2/NDF : 12.5/9

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 79.904 $\pm$ 0.041 χ^2 /NDF: 136271.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 63.208 $\pm$ 0.032 χ^2 /NDF: 270552.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

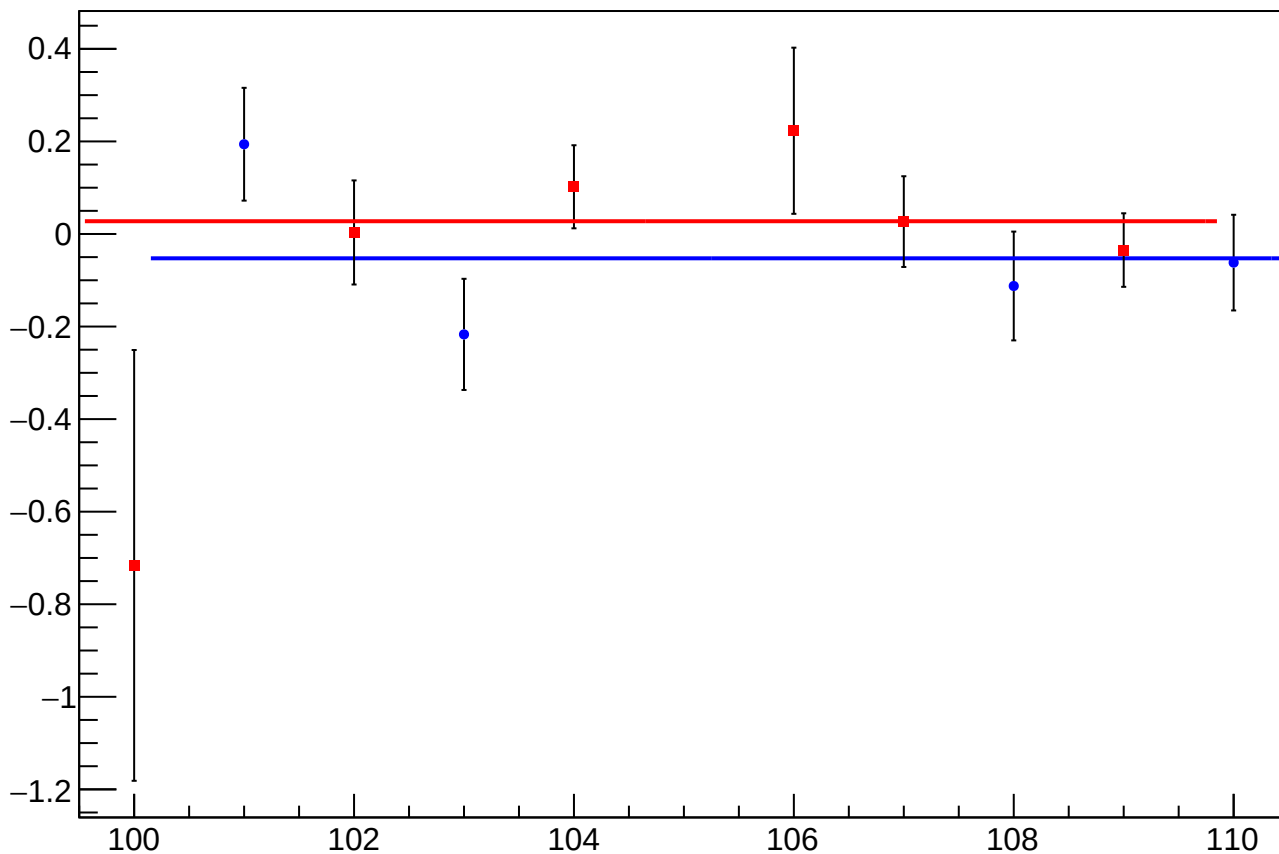
Right: 69.493 $\pm$ 0.025 χ^2 /NDF: 512051.2/9

In: 79.904 $\pm$ 0.041 χ^2 /NDF:136271.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.493 $\pm$ 0.025 χ^2 /NDF: 512051.2/9

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.053+/-0.057 χ^2/NDF : 6.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.028+/-0.045 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

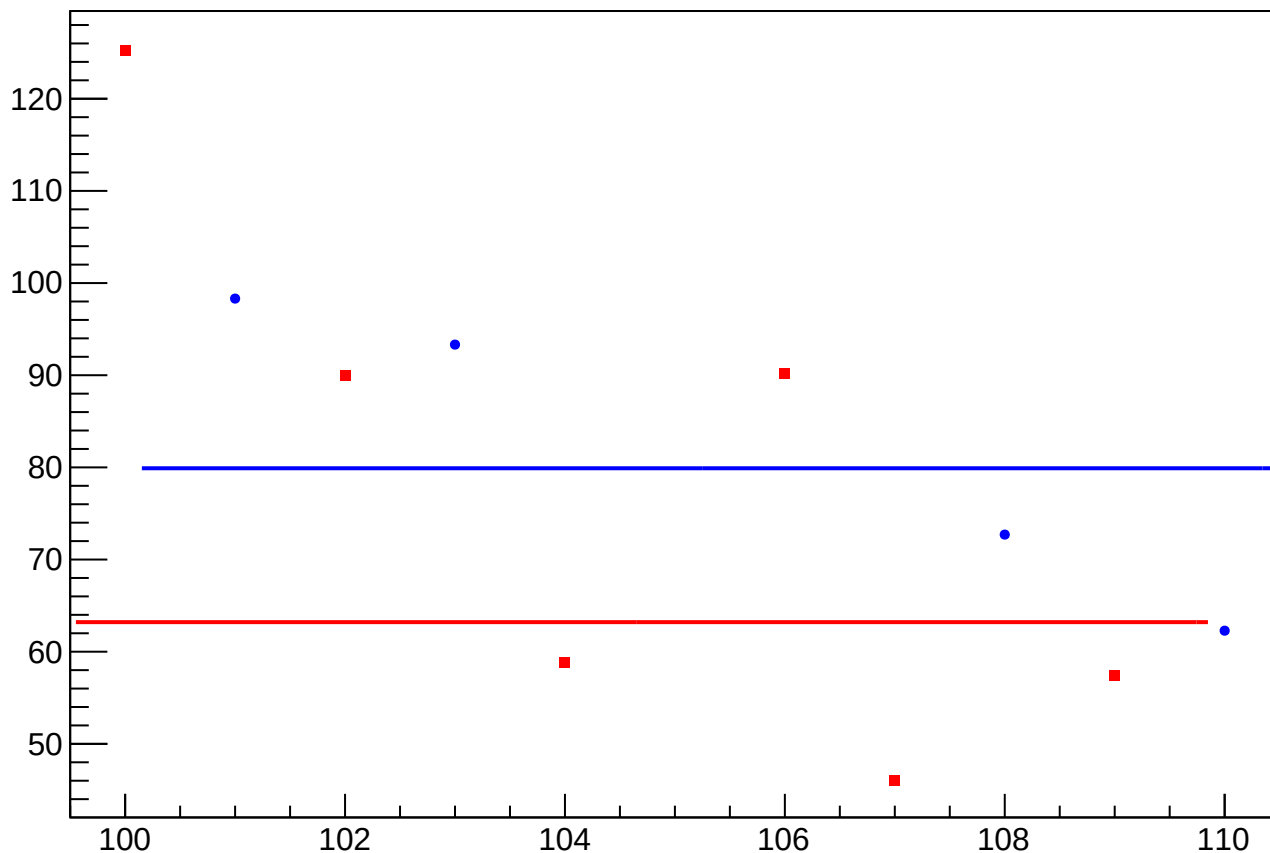
Right: -0.003+/-0.035 χ^2/NDF : 12.5/9

In: -0.053+/-0.057 χ^2/NDF :6.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.003+/-0.035 χ^2/NDF : 12.5/9

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 79.904 $\pm$ 0.041 χ^2 /NDF: 136271.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 63.208 $\pm$ 0.032 χ^2 /NDF: 270552.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

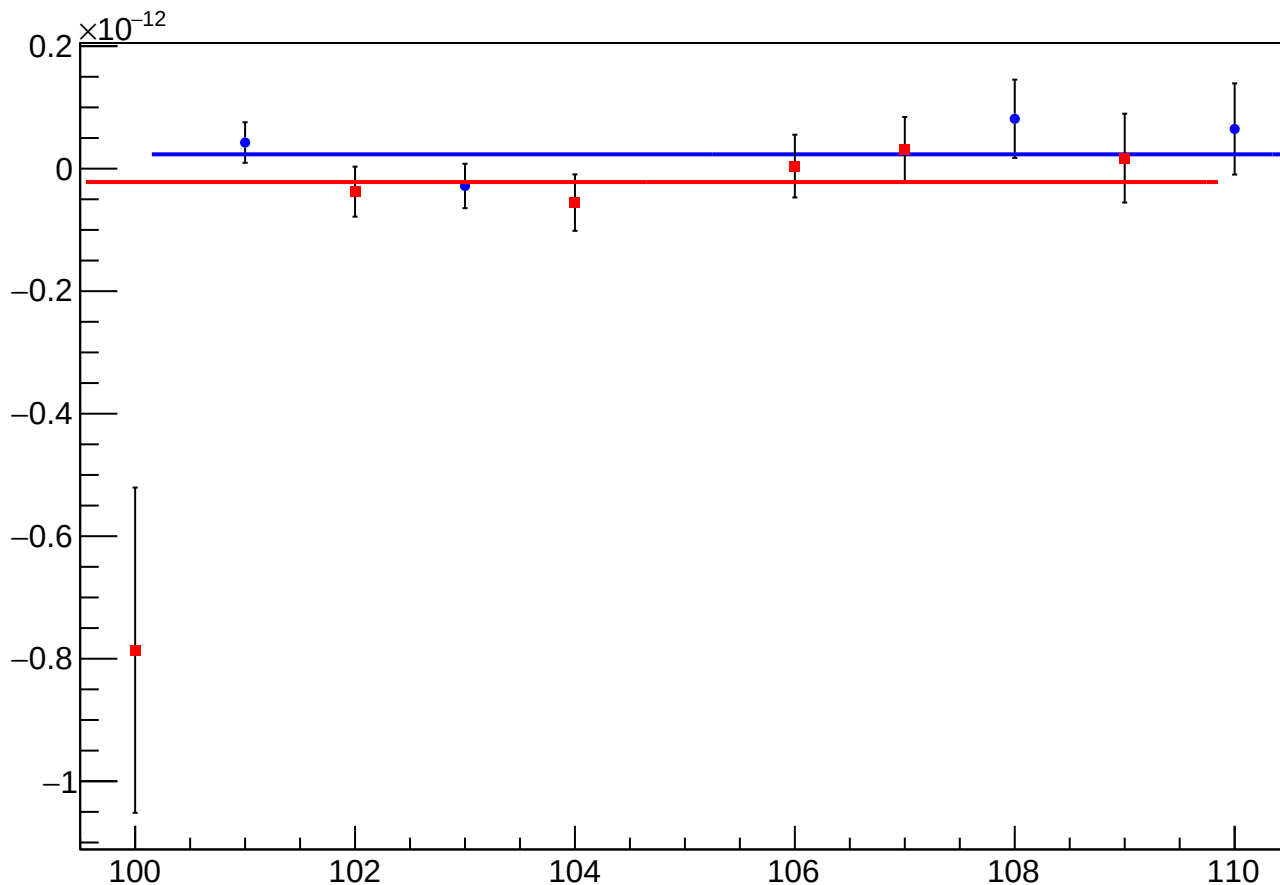
Right: 69.493 $\pm$ 0.025 χ^2 /NDF: 512051.2/9

In: 79.904 $\pm$ 0.041 χ^2 /NDF:136271.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.493 $\pm$ 0.025 χ^2 /NDF: 512051.2/9

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

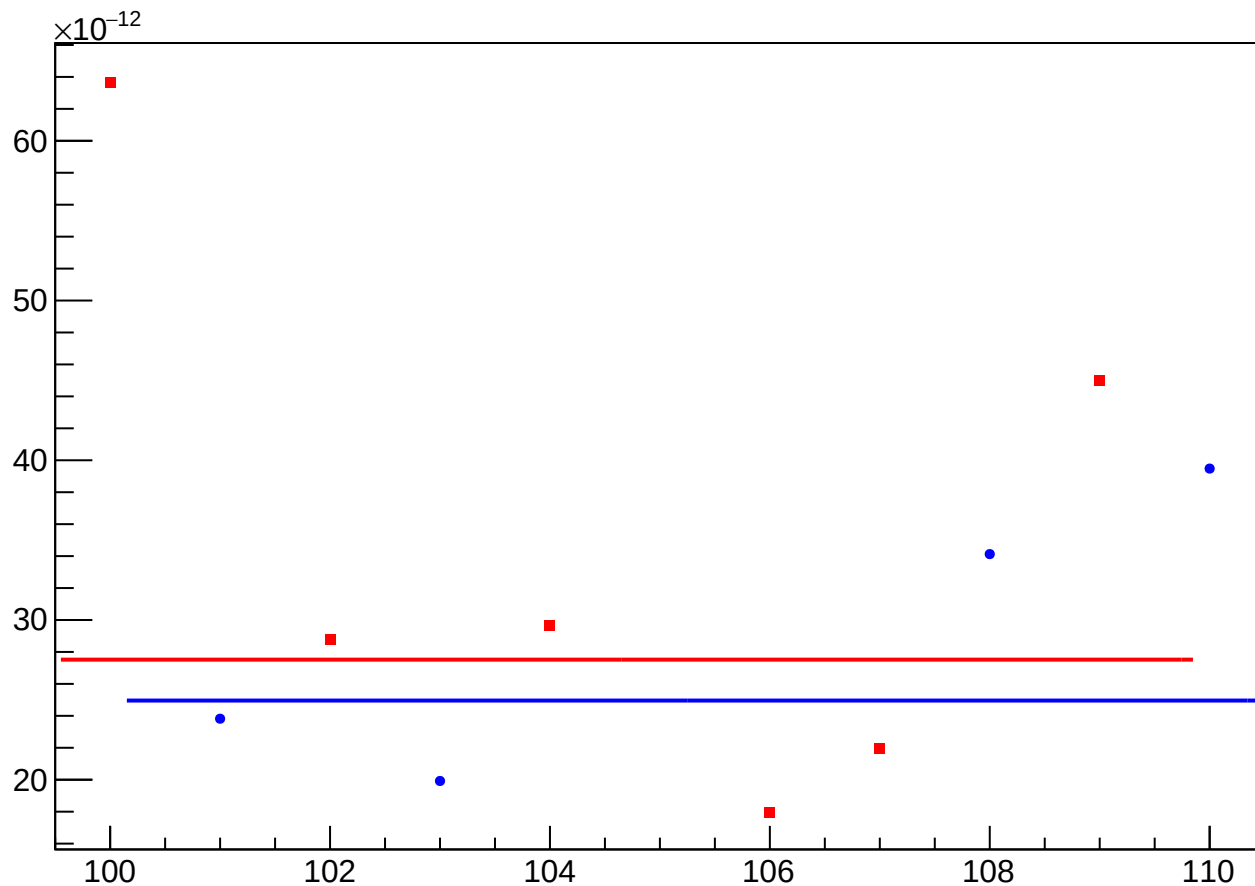
Right: 0.000+/-0.000 χ^2/NDF : 16.1/9

In: 0.000+/-0.000 χ^2/NDF : 3.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.1/9

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 158206.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 250329.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

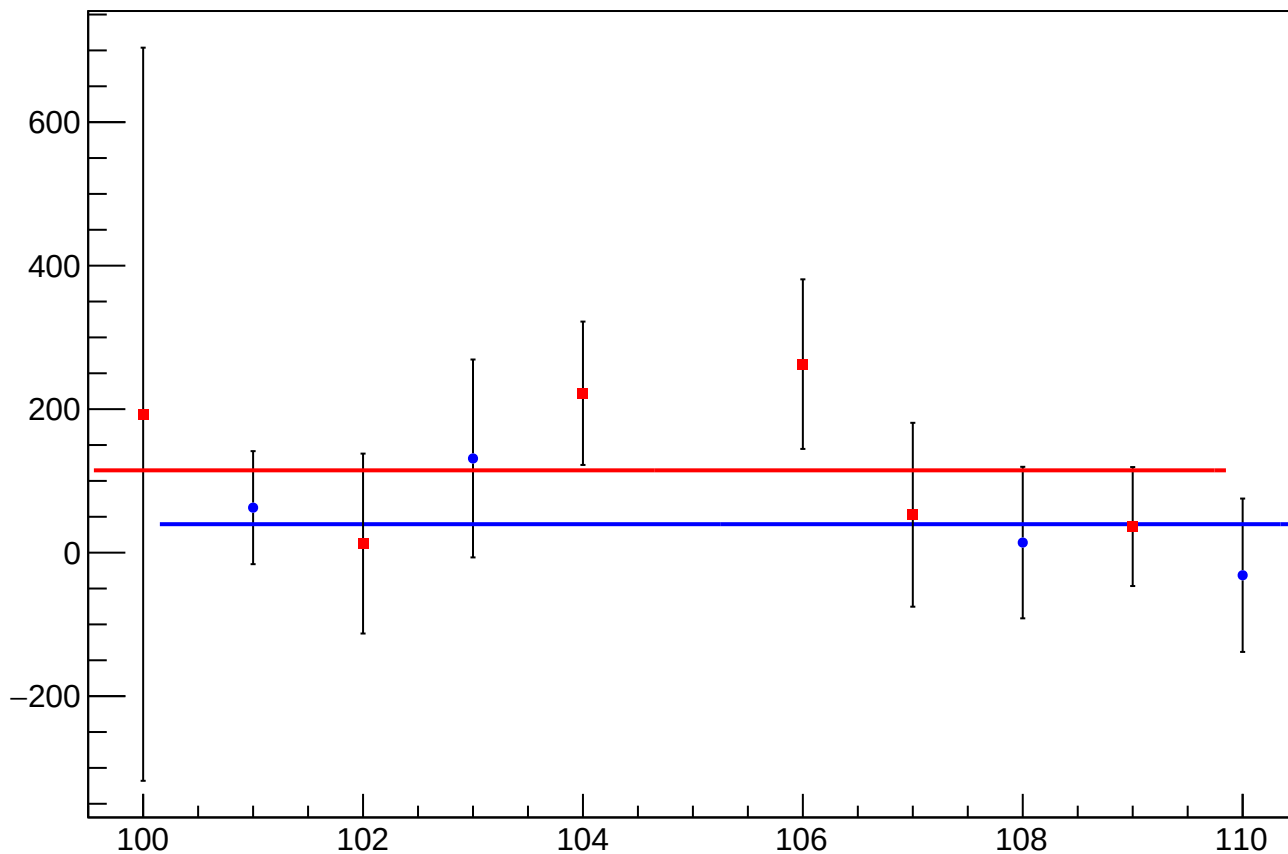
Right: 0.000+/-0.000 χ^2/NDF : 421999.6/9

In: 0.000+/-0.000 χ^2/NDF : 158206.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 421999.6/9

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 39.675+/-50.574 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.724+/-47.372 χ^2/NDF : 4.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

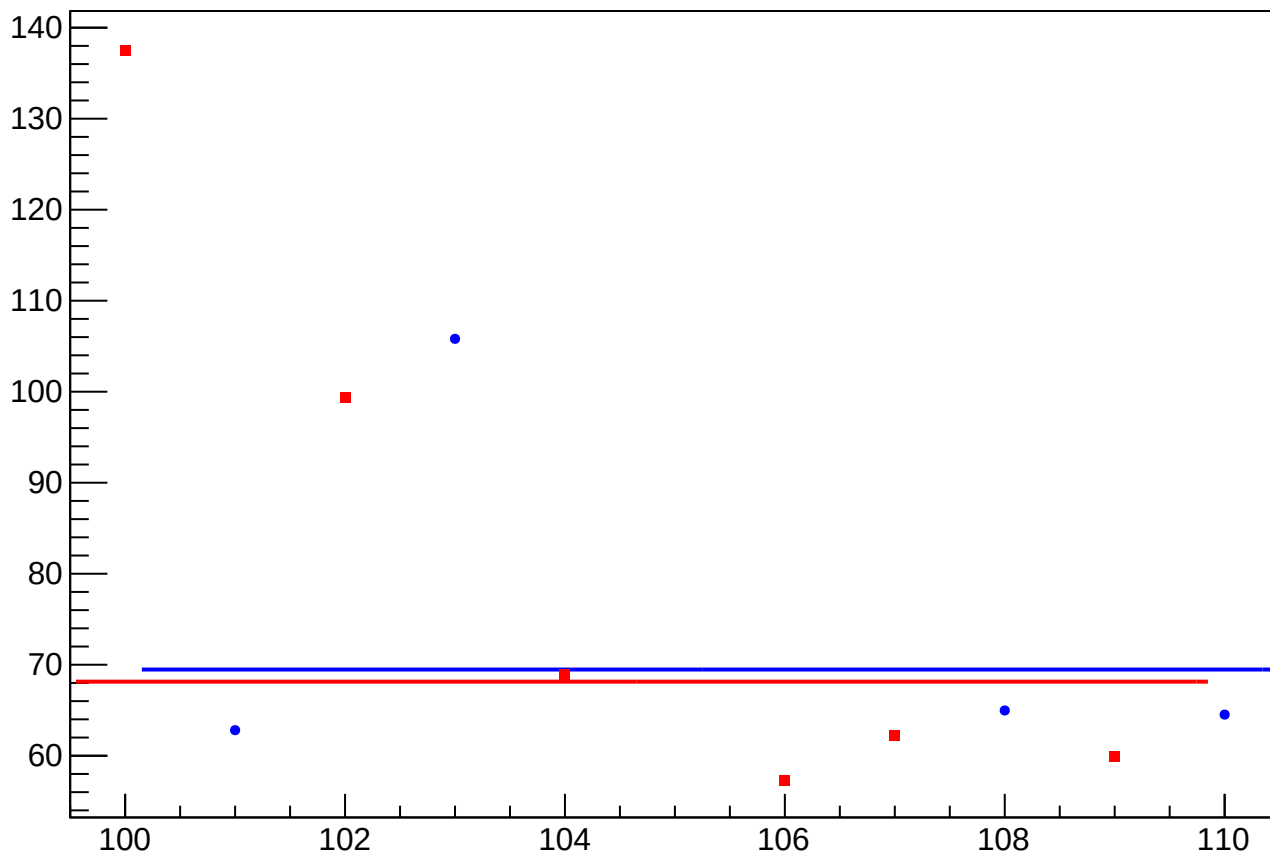
Right: 79.650+/-34.574 χ^2/NDF : 6.7/9

In: 39.675+/-50.574 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.650+/-34.574 χ^2/NDF : 6.7/9

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 69.474+/-0.036 χ^2/NDF : 161063.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.143+/-0.033 χ^2/NDF : 201121.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

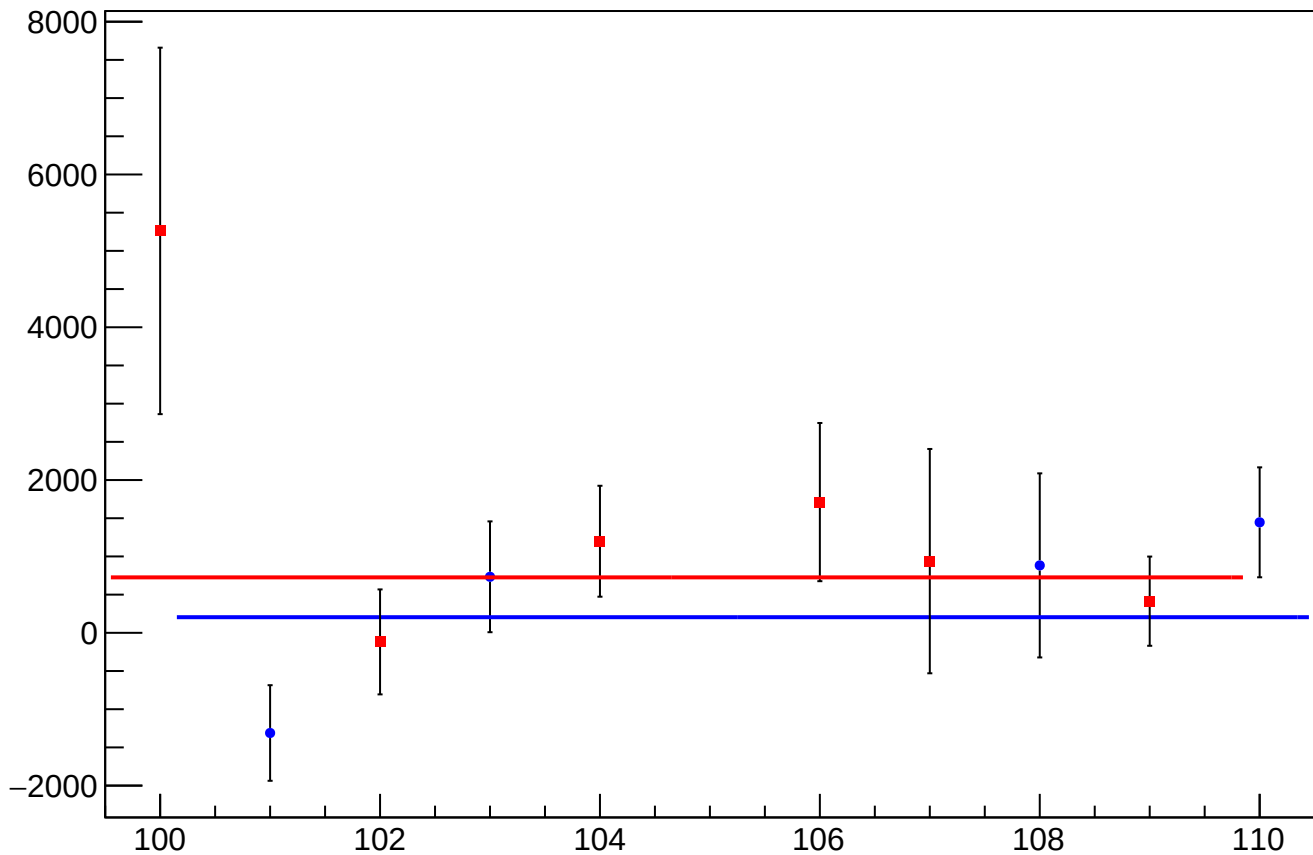
Right: 68.765+/-0.024 χ^2/NDF : 362923.6/9

In: 69.474+/-0.036 χ^2/NDF : 161063.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.765+/-0.024 χ^2/NDF : 362923.6/9

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 204.561+/-375.991 χ^2/NDF : 9.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 725.891+/-342.624 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

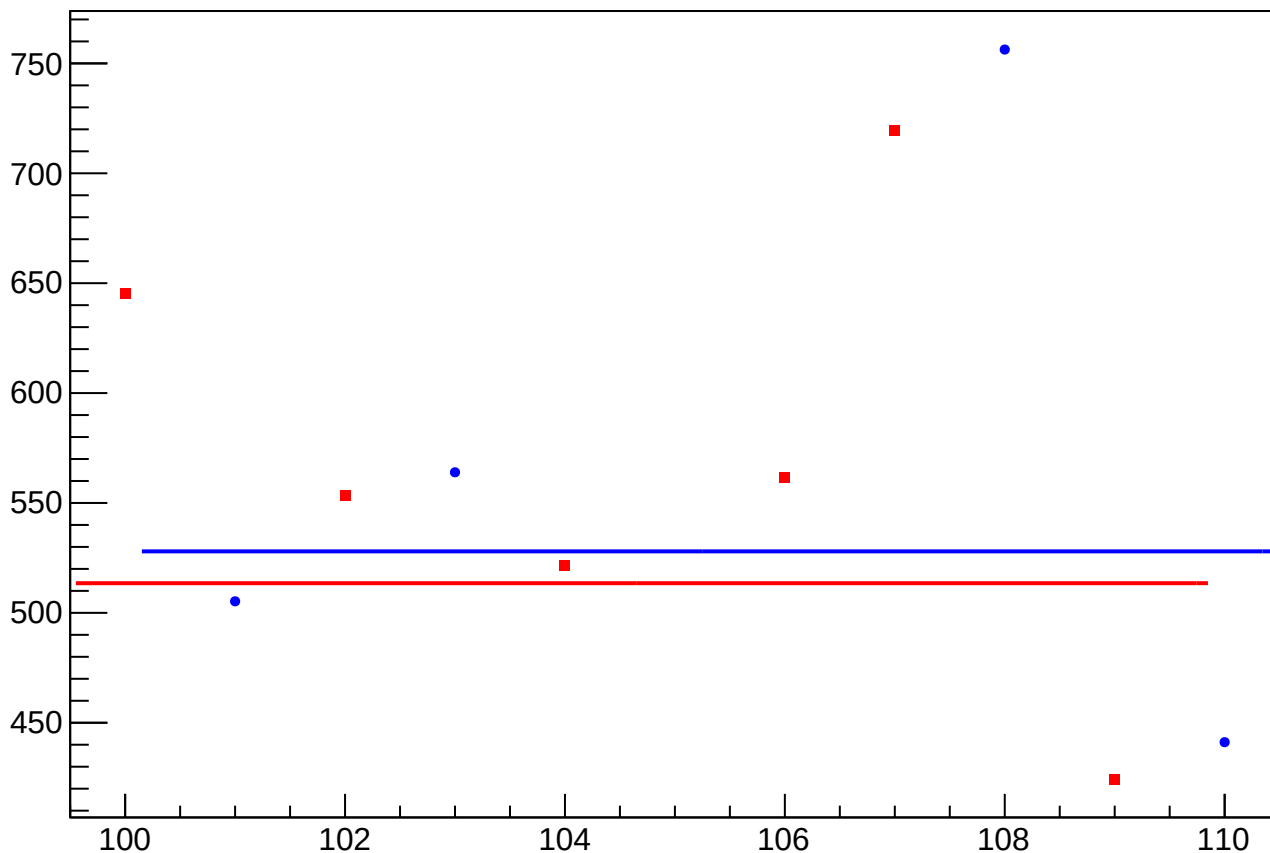
Right: 489.381+/-253.248 χ^2/NDF : 17.5/9

In: 204.561+/-375.991 χ^2/NDF : 9.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.381+/-253.248 χ^2/NDF : 17.5/9

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 527.977+/-0.266 χ^2/NDF : 108482.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 513.501+/-0.242 χ^2/NDF : 103646.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

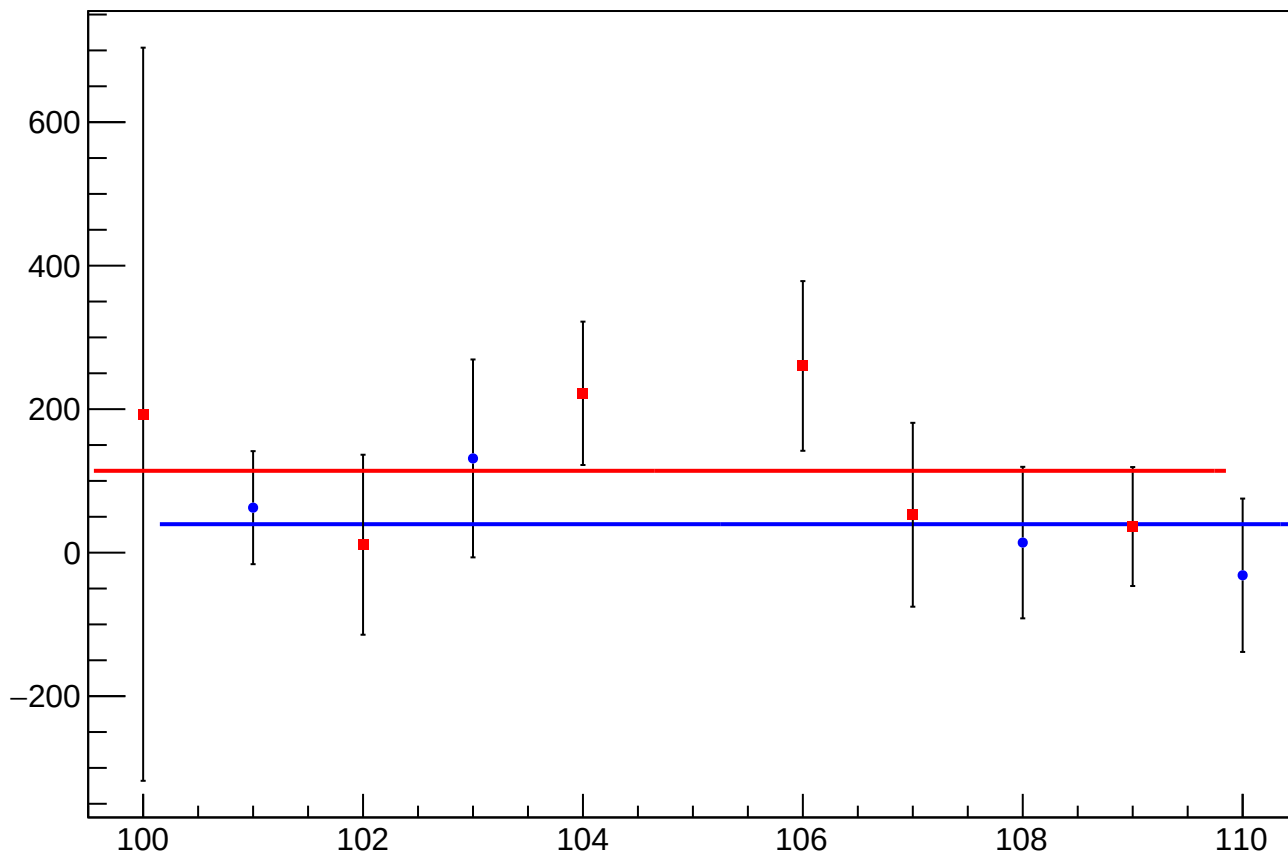
Right: 520.068+/-0.179 χ^2/NDF : 213748.7/9

In: 527.977+/-0.266 χ^2/NDF : 108482.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.068+/-0.179 χ^2/NDF : 213748.7/9

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 39.674 $\pm$ 50.574 χ^2 /NDF: 1.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.072 $\pm$ 47.379 χ^2 /NDF: 4.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

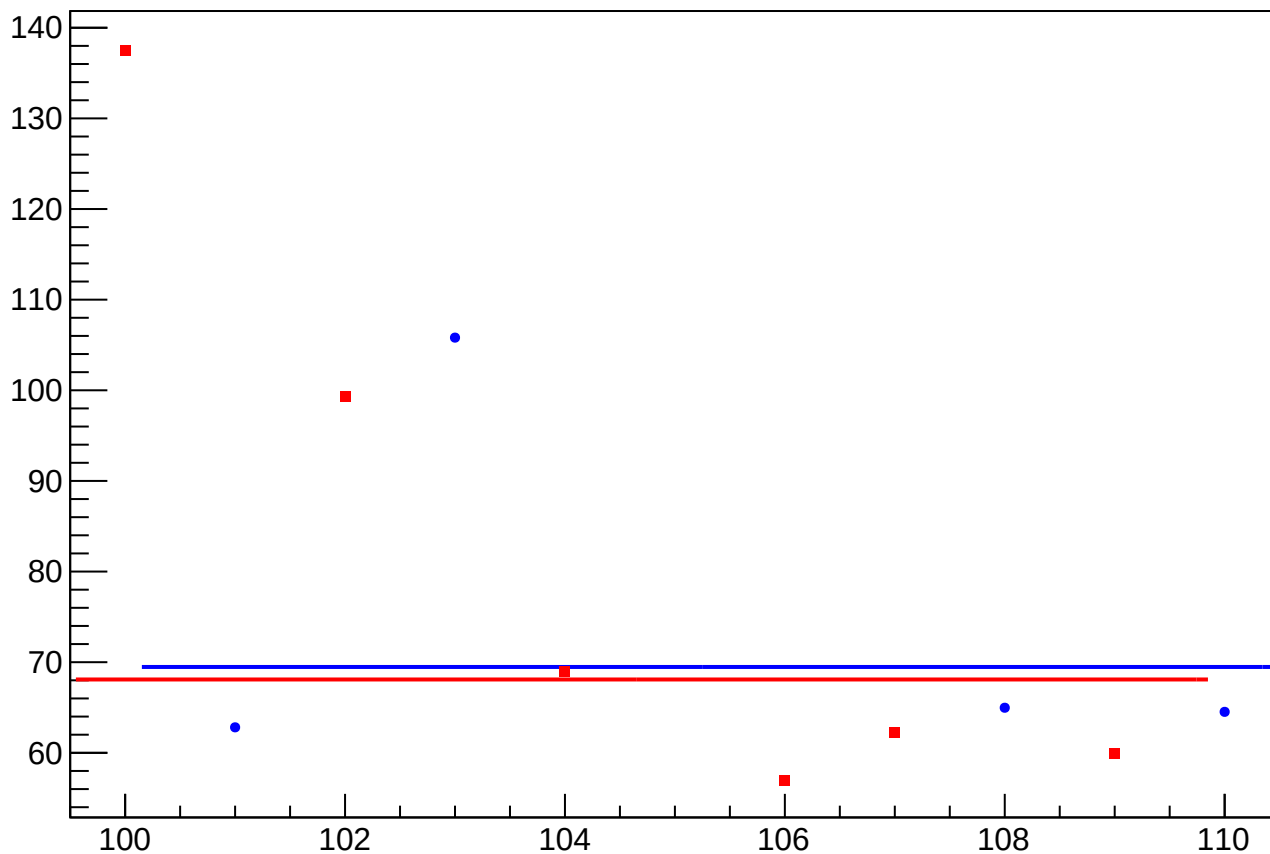
Right: 79.297 $\pm$ 34.576 χ^2 /NDF: 6.7/9

In: 39.674 $\pm$ 50.574 χ^2 /NDF:1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.297 $\pm$ 34.576 χ^2 /NDF: 6.7/9

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 69.474+/-0.036 χ^2/NDF : 161066.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.093+/-0.034 χ^2/NDF : 202385.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

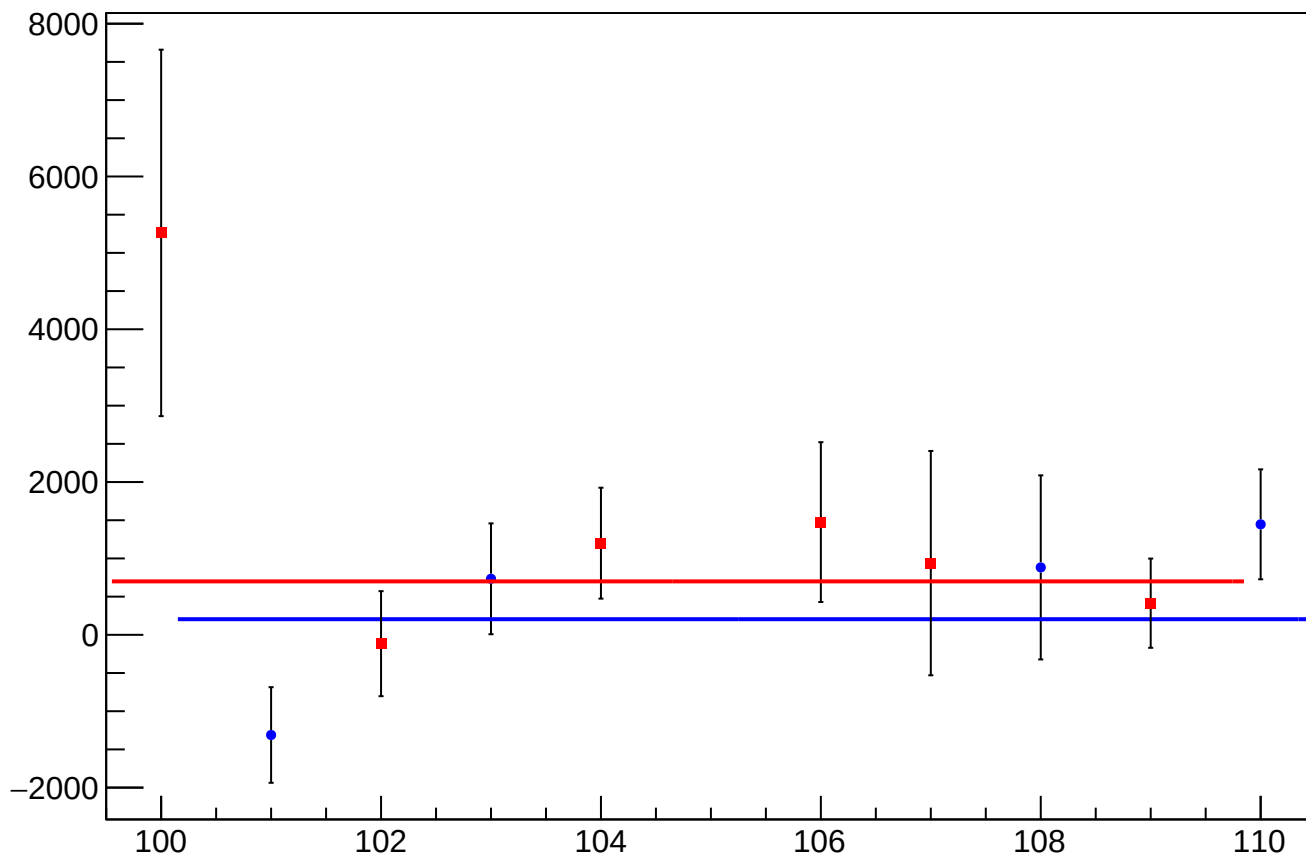
Right: 68.738+/-0.024 χ^2/NDF : 364246.0/9

In: 69.474+/-0.036 χ^2/NDF : 161066.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.738+/-0.024 χ^2/NDF : 364246.0/9

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 204.517+/-376.001 χ^2/NDF : 9.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 699.556+/-343.063 χ^2/NDF : 6.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

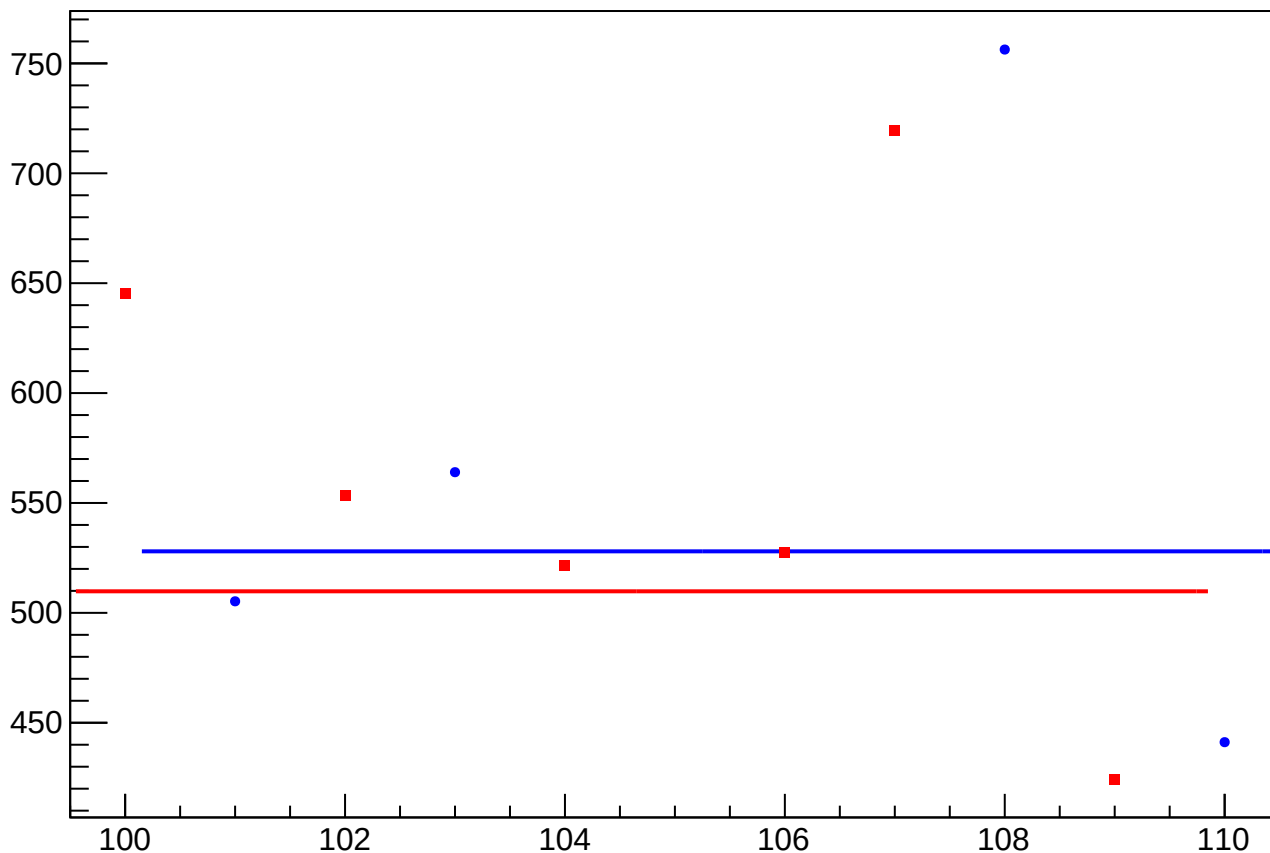
Right: 474.665+/-253.428 χ^2/NDF : 17.0/9

In: 204.517+/-376.001 χ^2/NDF : 9.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.665+/-253.428 χ^2/NDF : 17.0/9

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 527.990+/-0.266 χ^2/NDF : 108496.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.804+/-0.243 χ^2/NDF : 99580.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

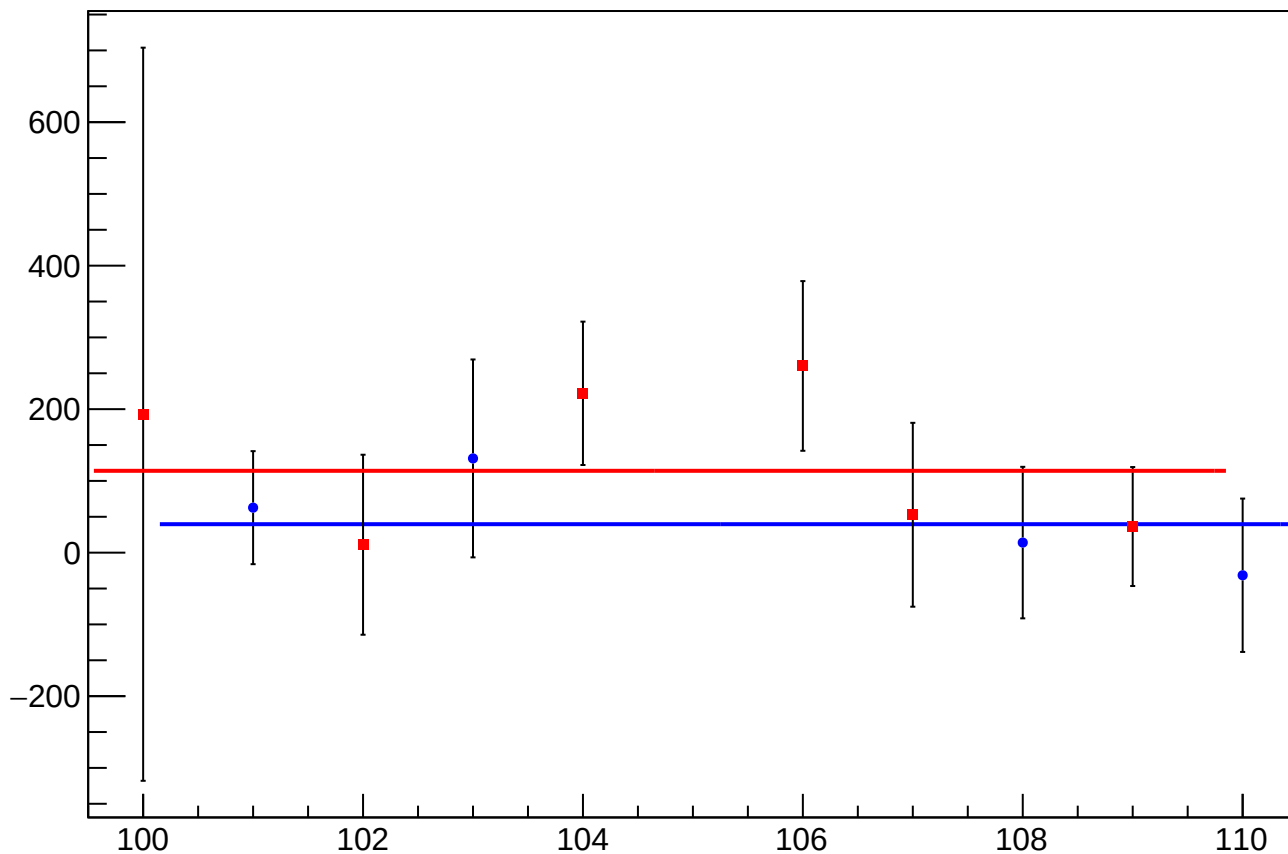
Right: 518.066+/-0.179 χ^2/NDF : 210630.7/9

In: 527.990+/-0.266 χ^2/NDF : 108496.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 518.066+/-0.179 χ^2/NDF : 210630.7/9

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 39.674 $\pm$ 50.574 χ^2 /NDF: 1.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.072 $\pm$ 47.379 χ^2 /NDF: 4.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

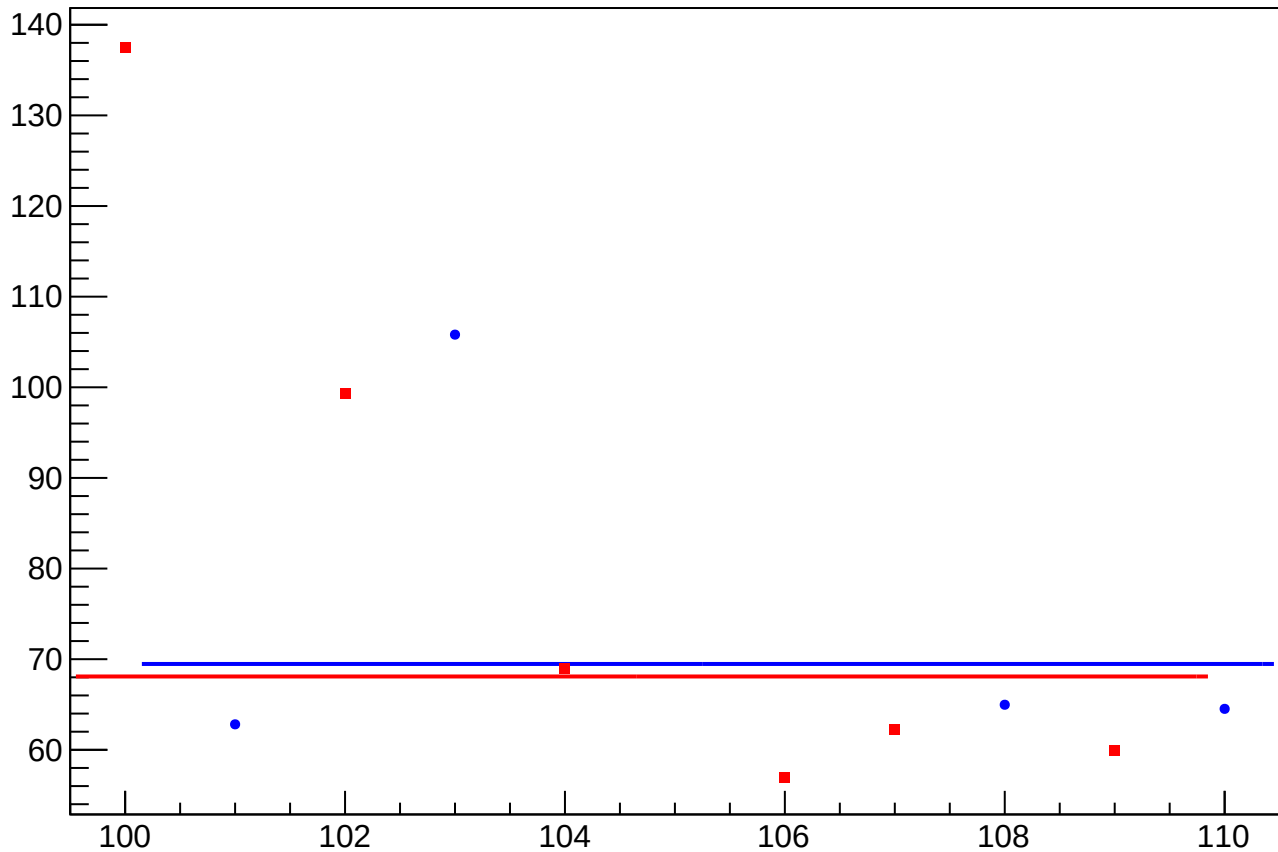
Right: 79.297 $\pm$ 34.576 χ^2 /NDF: 6.7/9

In: 39.674 $\pm$ 50.574 χ^2 /NDF:1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.297 $\pm$ 34.576 χ^2 /NDF: 6.7/9

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 69.474+/-0.036 χ^2/NDF : 161066.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.093+/-0.034 χ^2/NDF : 202385.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

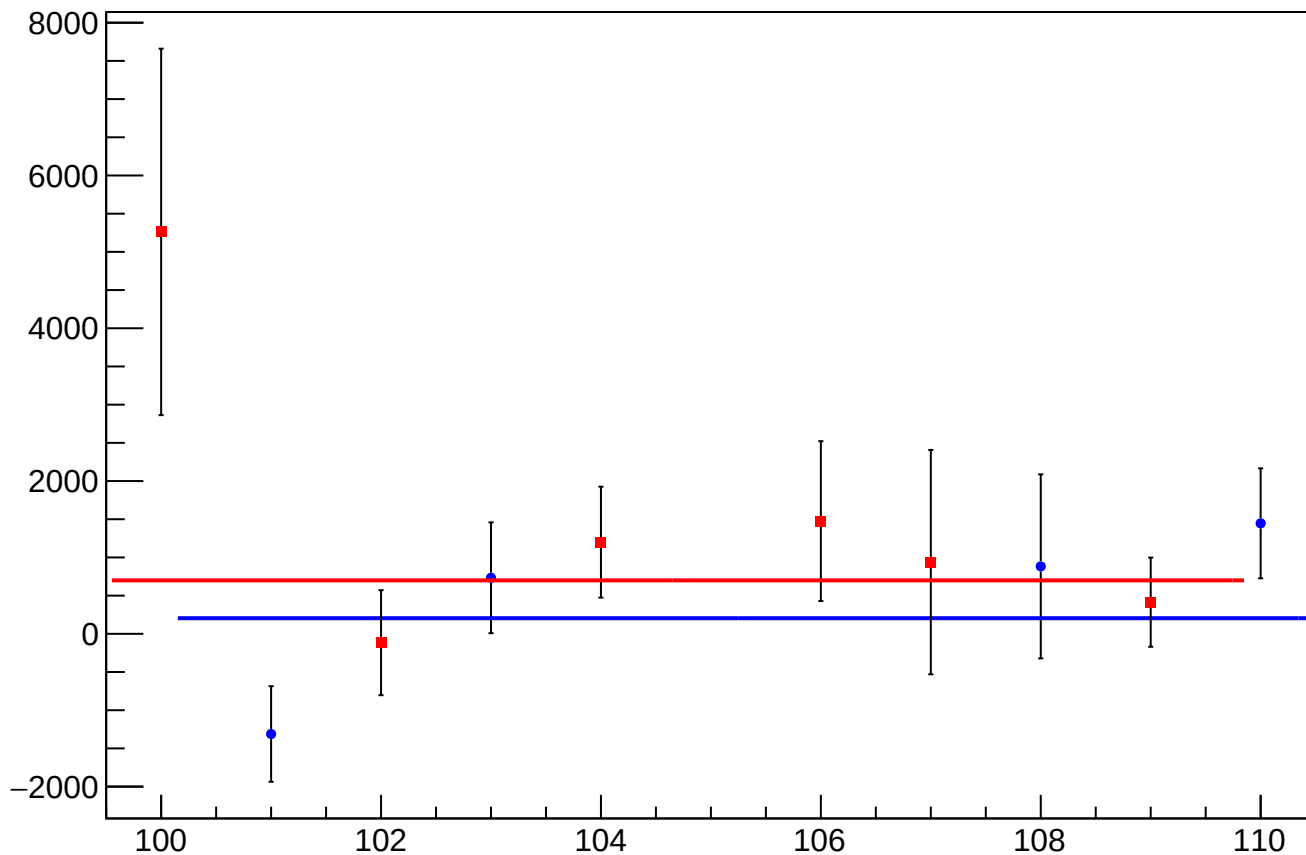
Right: 68.738+/-0.024 χ^2/NDF : 364246.0/9

In: 69.474+/-0.036 χ^2/NDF : 161066.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.738+/-0.024 χ^2/NDF : 364246.0/9

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 204.517+/-376.001 χ^2/NDF : 9.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 699.556+/-343.063 χ^2/NDF : 6.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

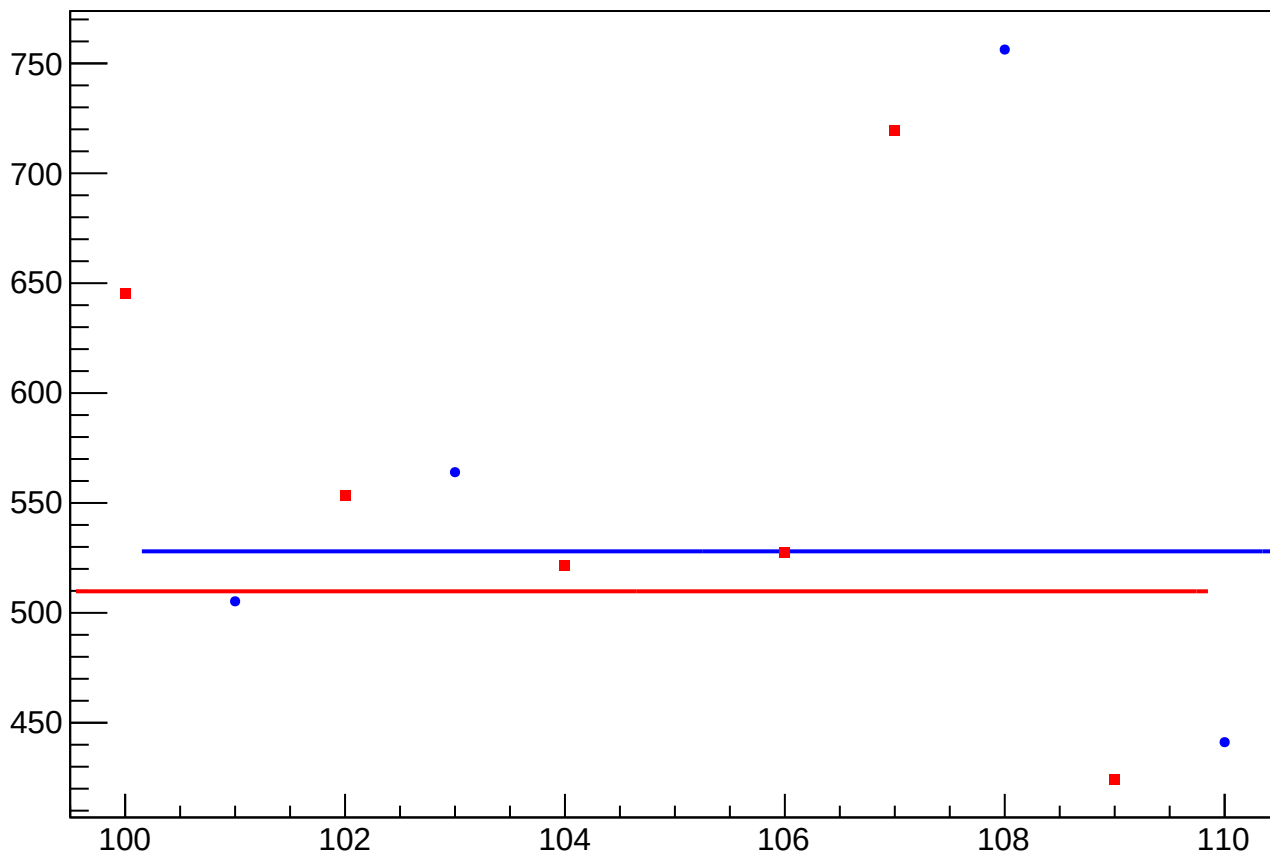
Right: 474.665+/-253.428 χ^2/NDF : 17.0/9

In: 204.517+/-376.001 χ^2/NDF : 9.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.665+/-253.428 χ^2/NDF : 17.0/9

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 527.990 $\pm$ 0.266 χ^2 /NDF: 108496.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 509.804 $\pm$ 0.243 χ^2 /NDF: 99580.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

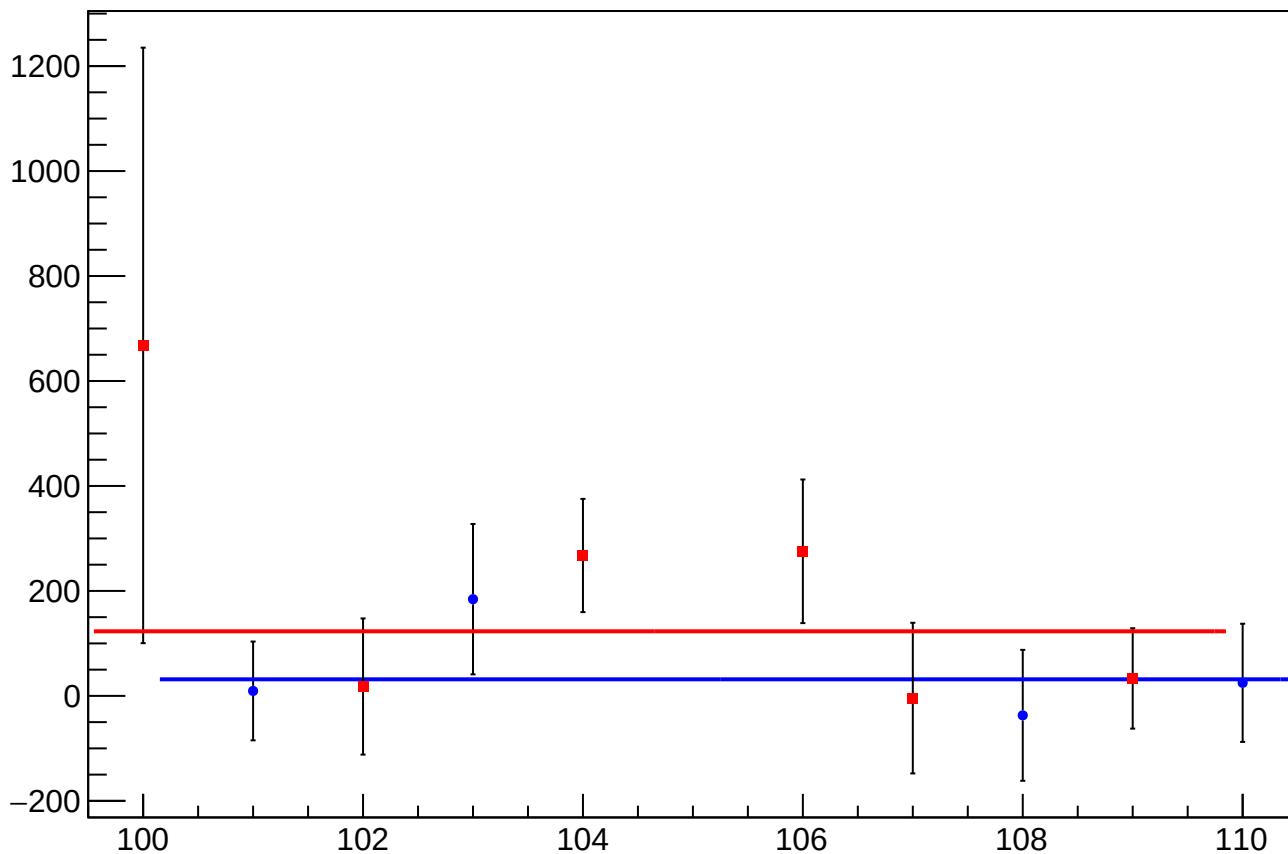
Right: 518.066 $\pm$ 0.179 χ^2 /NDF: 210630.7/9

In: 527.990 $\pm$ 0.266 χ^2 /NDF:108496.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 518.066 $\pm$ 0.179 χ^2 /NDF: 210630.7/9

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 31.585+/-57.282 χ^2/NDF : 1.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.068+/-52.727 χ^2/NDF : 6.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

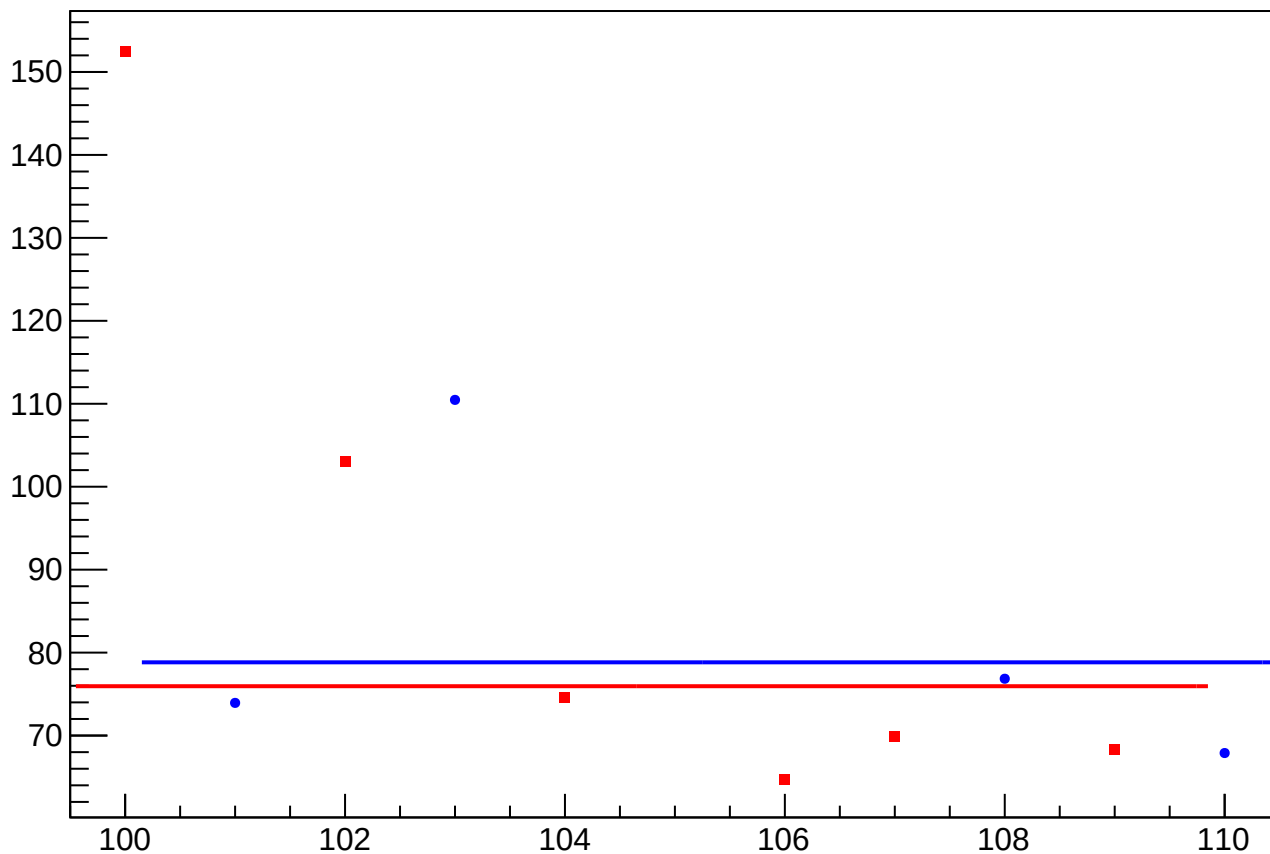
Right: 81.108+/-38.794 χ^2/NDF : 9.2/9

In: 31.585+/-57.282 χ^2/NDF : 1.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.108+/-38.794 χ^2/NDF : 9.2/9

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 78.829 $\pm$ 0.041 χ^2 /NDF: 122321.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 75.949 $\pm$ 0.037 χ^2 /NDF: 153779.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

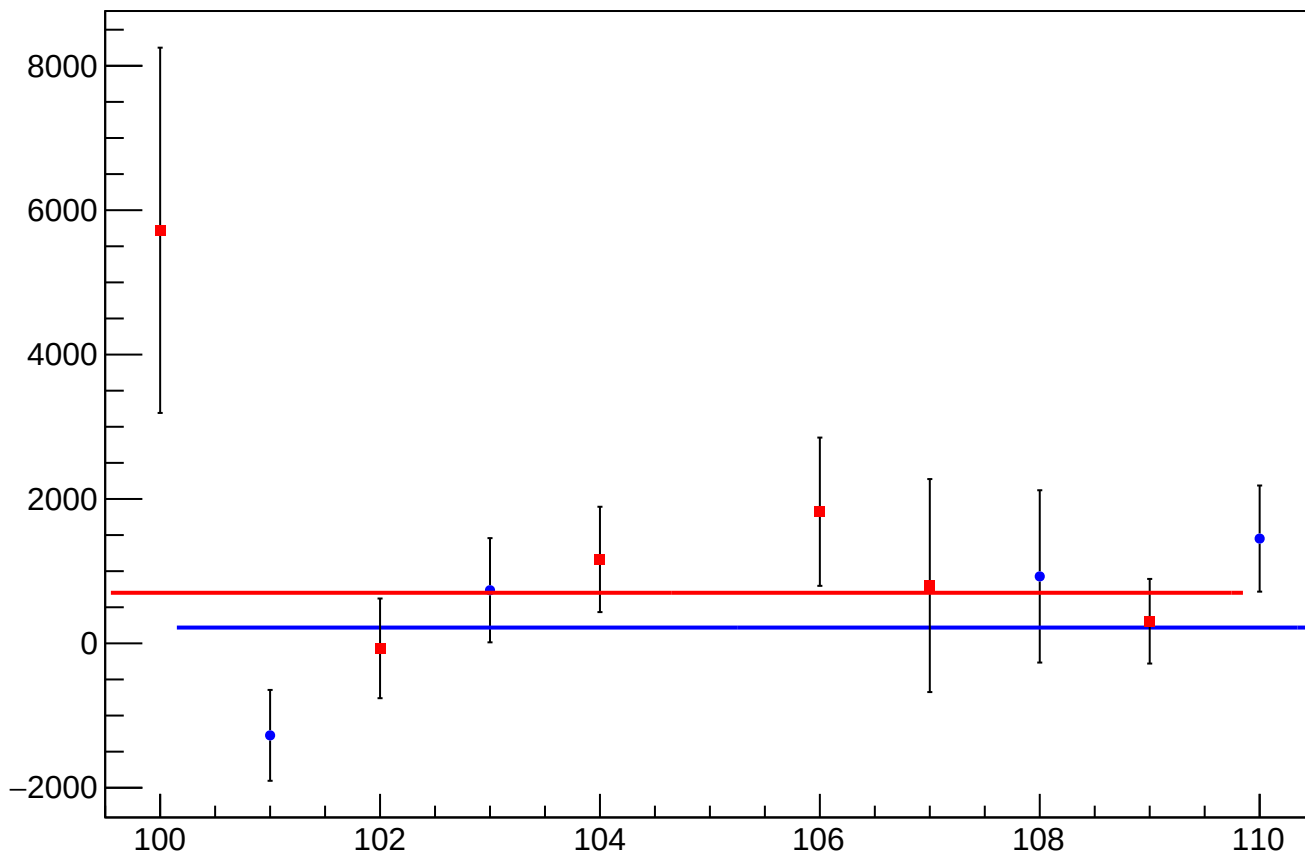
Right: 77.270 $\pm$ 0.027 χ^2 /NDF: 278836.4/9

In: 78.829 $\pm$ 0.041 χ^2 /NDF:122321.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 77.270 $\pm$ 0.027 χ^2 /NDF: 278836.4/9

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 218.880+/-378.035 χ^2/NDF : 9.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 700.649+/-343.957 χ^2/NDF : 7.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

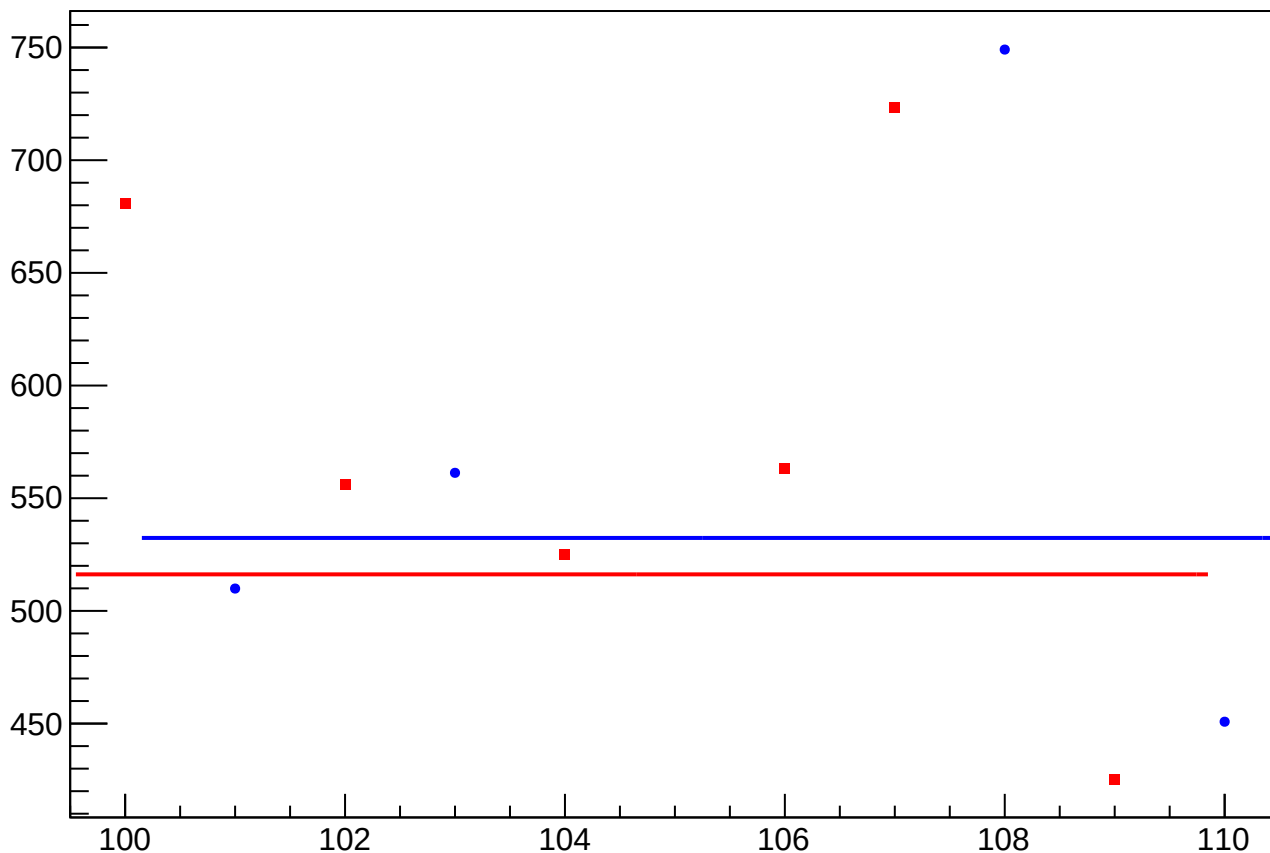
Right: 482.454+/-254.411 χ^2/NDF : 17.4/9

In: 218.880+/-378.035 χ^2/NDF : 9.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.454+/-254.411 χ^2/NDF : 17.4/9

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.375+/-0.267 χ^2/NDF : 96317.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.215+/-0.243 χ^2/NDF : 107485.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

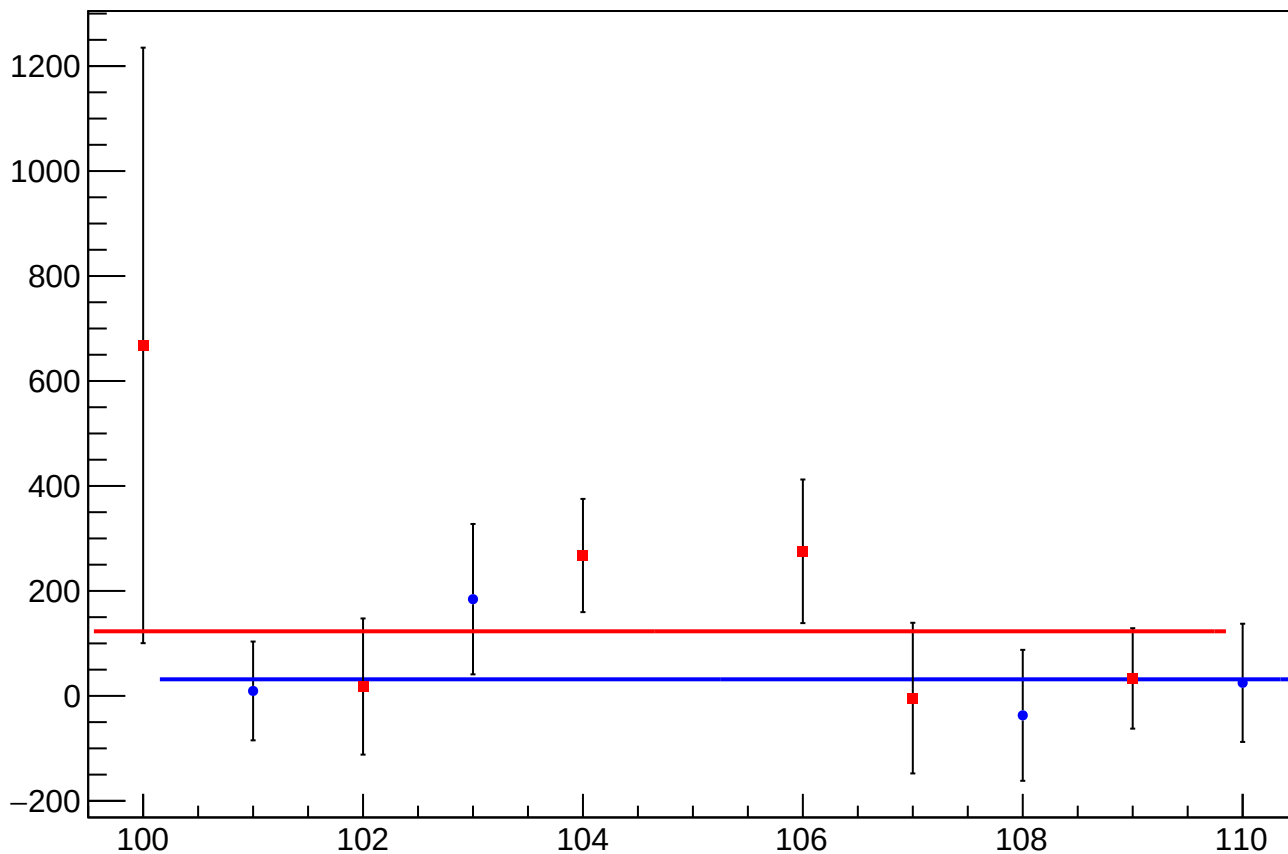
Right: 523.534+/-0.180 χ^2/NDF : 205802.2/9

In: 532.375+/-0.267 χ^2/NDF : 96317.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.534+/-0.180 χ^2/NDF : 205802.2/9

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 31.585+/-57.282 χ^2/NDF : 1.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.068+/-52.727 χ^2/NDF : 6.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

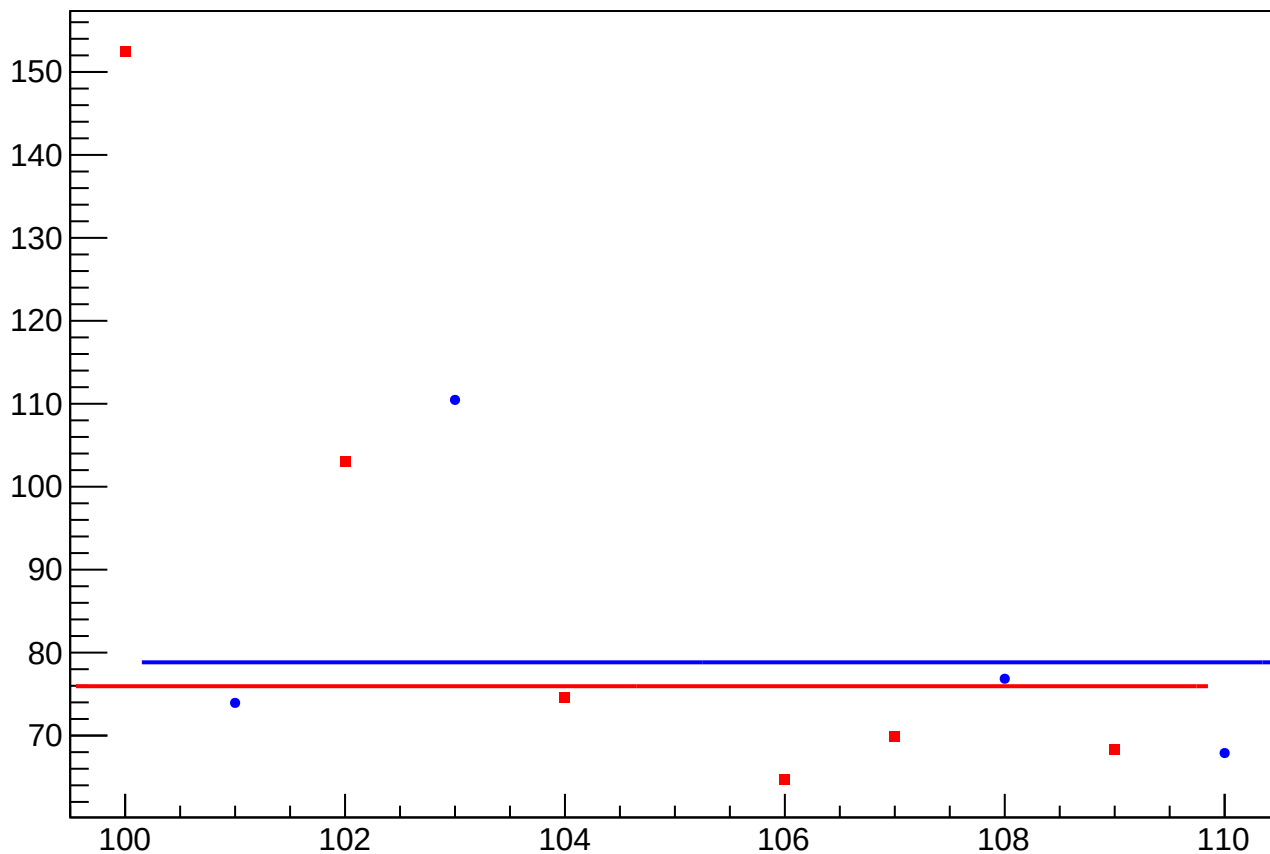
Right: 81.108+/-38.794 χ^2/NDF : 9.2/9

In: 31.585+/-57.282 χ^2/NDF : 1.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.108+/-38.794 χ^2/NDF : 9.2/9

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 78.829+/-0.041 χ^2/NDF : 122321.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.949+/-0.037 χ^2/NDF : 153778.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

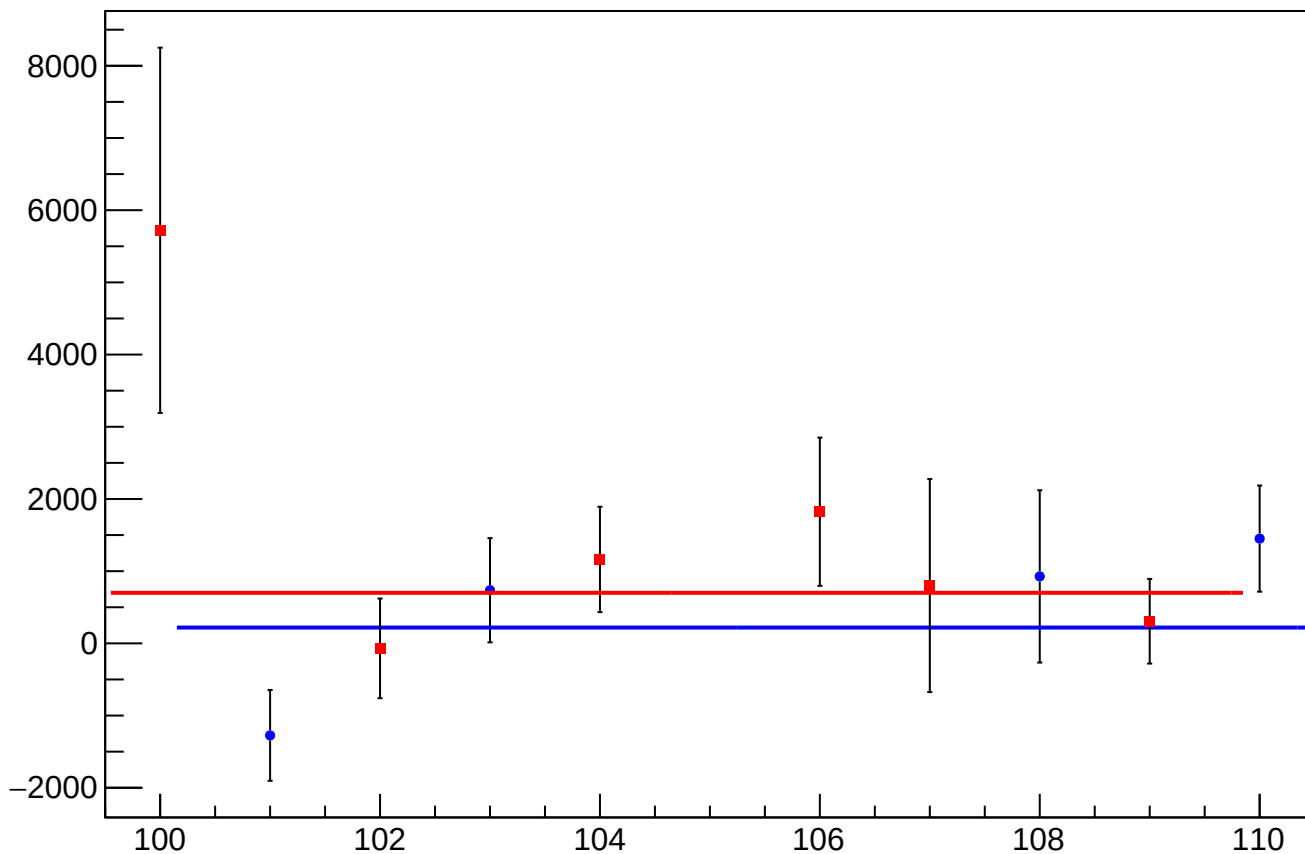
Right: 77.270+/-0.027 χ^2/NDF : 278835.5/9

In: 78.829+/-0.041 χ^2/NDF : 122321.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.270+/-0.027 χ^2/NDF : 278835.5/9

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 218.880+/-378.035 χ^2/NDF : 9.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 700.649+/-343.957 χ^2/NDF : 7.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

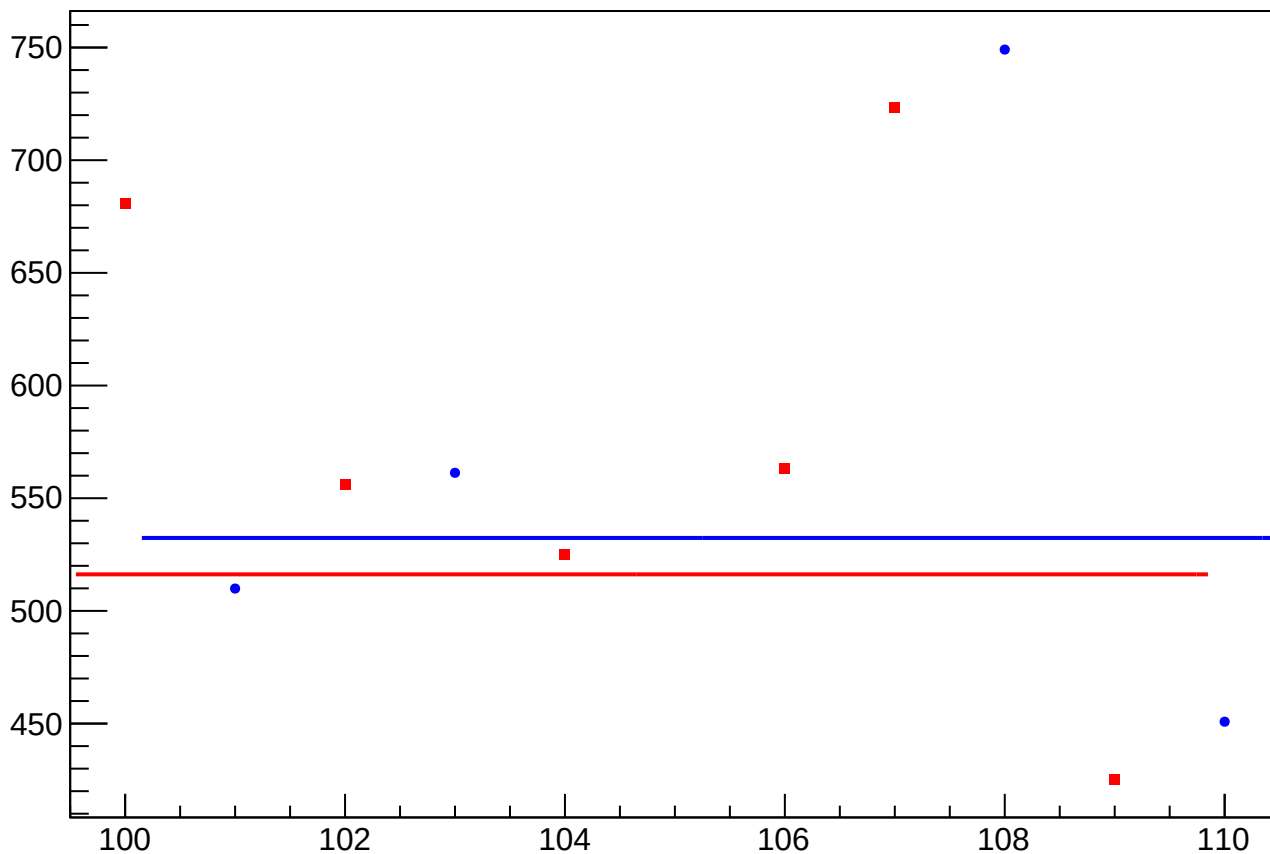
Right: 482.453+/-254.411 χ^2/NDF : 17.4/9

In: 218.880+/-378.035 χ^2/NDF : 9.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.453+/-254.411 χ^2/NDF : 17.4/9

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.375+/-0.267 χ^2/NDF : 96317.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.214+/-0.243 χ^2/NDF : 107486.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

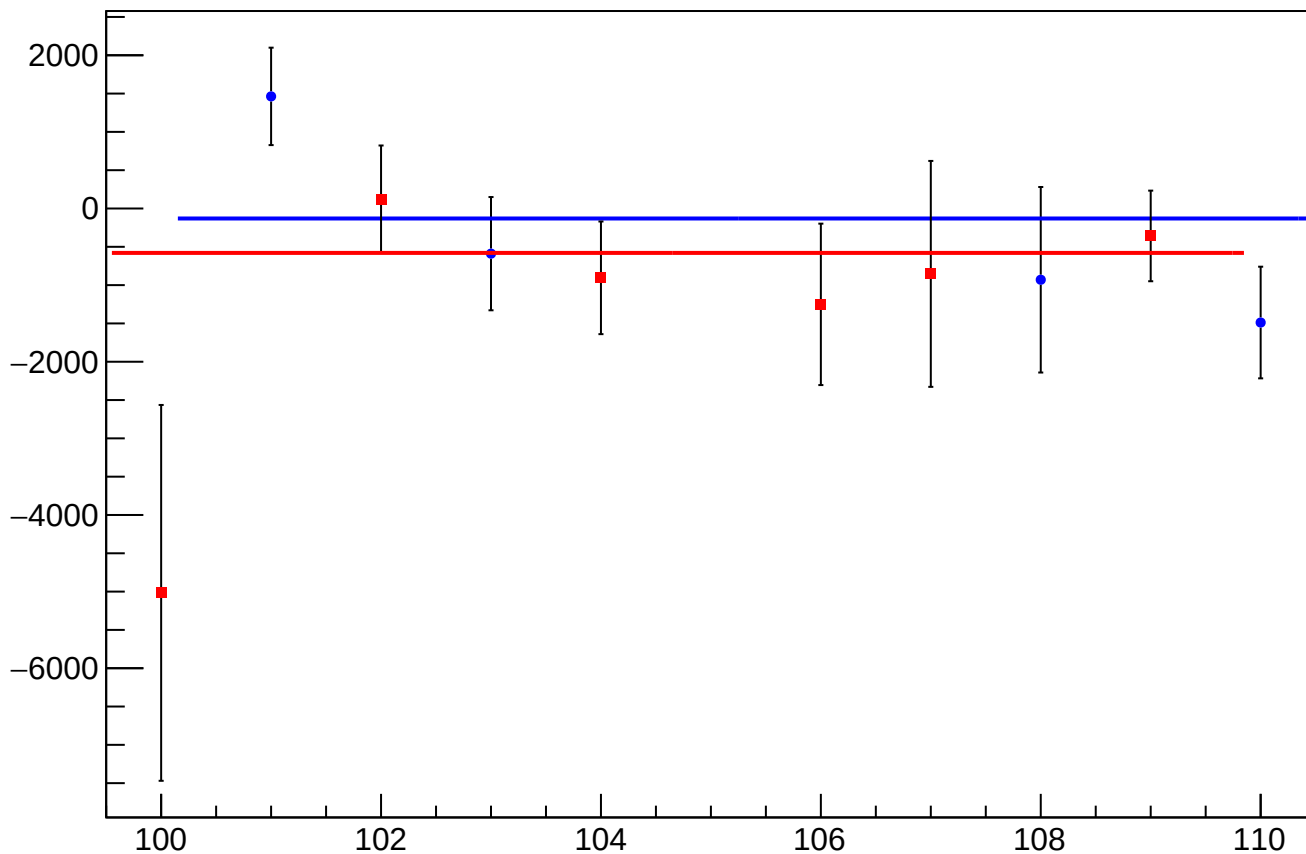
Right: 523.534+/-0.180 χ^2/NDF : 205803.1/9

In: 532.375+/-0.267 χ^2/NDF : 96317.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.534+/-0.180 χ^2/NDF : 205803.1/9

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -130.457+/-381.511 χ^2/NDF : 10.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -579.576+/-347.443 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

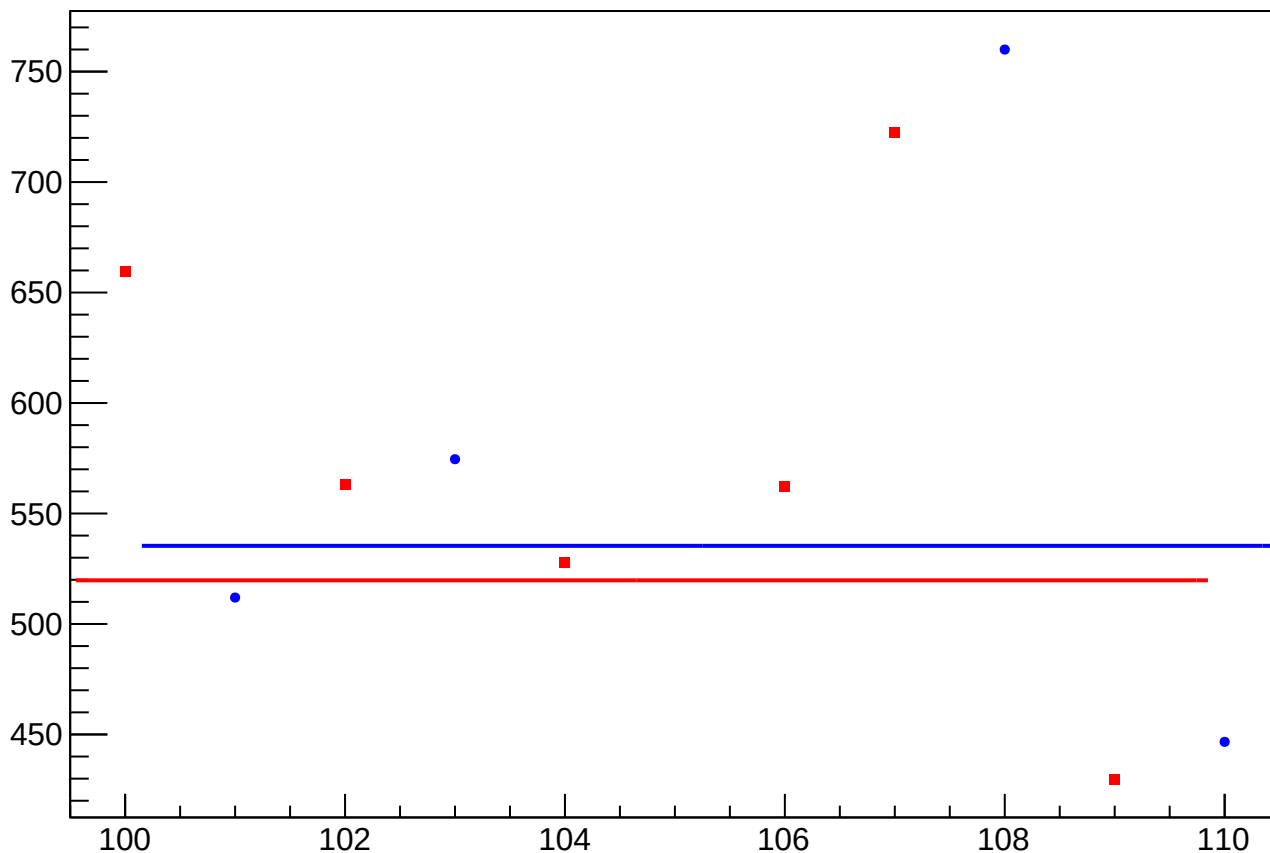
Right: -375.961+/-256.881 χ^2/NDF : 16.4/9

In: -130.457+/-381.511 χ^2/NDF : 10.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -375.961+/-256.881 χ^2/NDF : 16.4/9

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 535.369+/-0.270 χ^2/NDF : 106814.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 519.758+/-0.246 χ^2/NDF : 102183.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

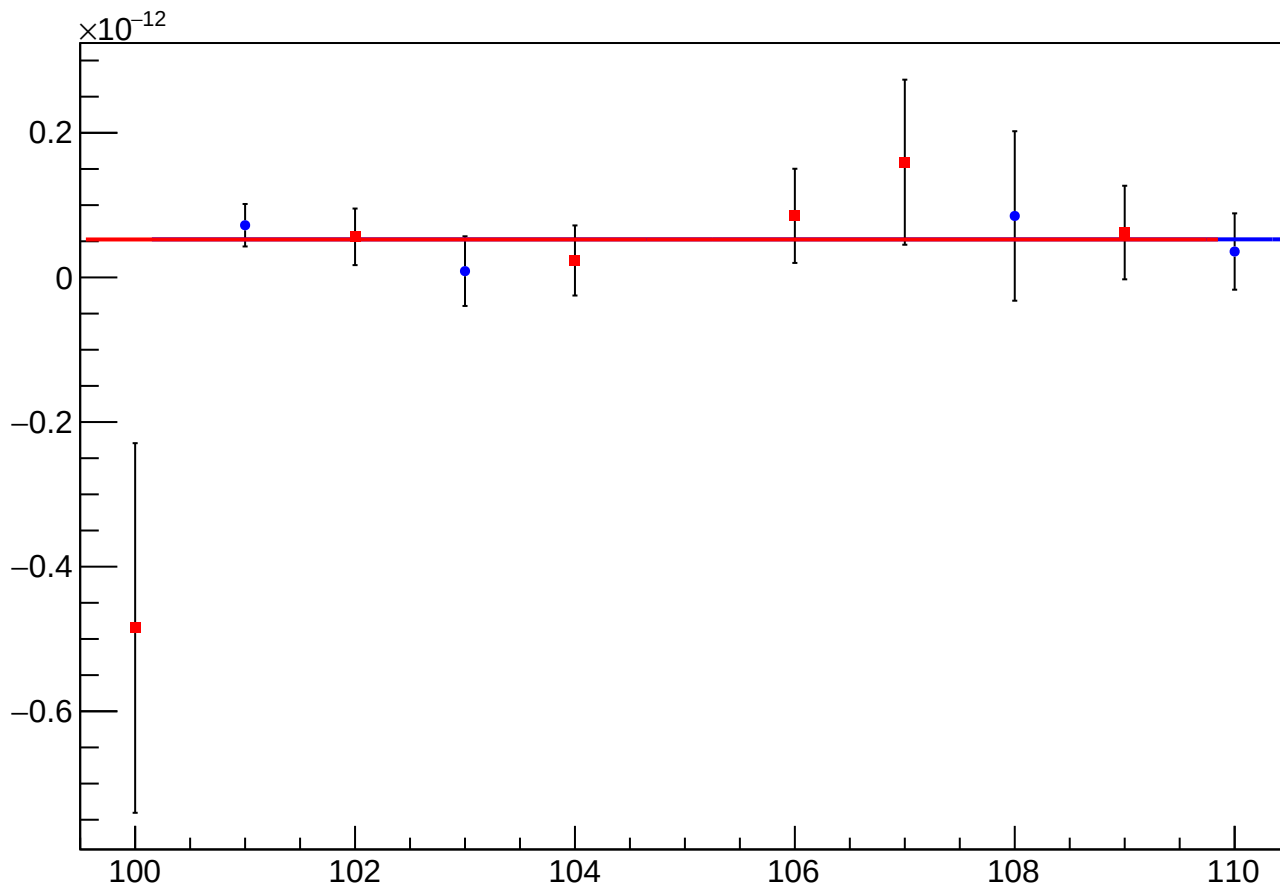
Right: 526.835+/-0.182 χ^2/NDF : 210827.7/9

In: 535.369+/-0.270 χ^2/NDF : 106814.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.835+/-0.182 χ^2/NDF : 210827.7/9

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

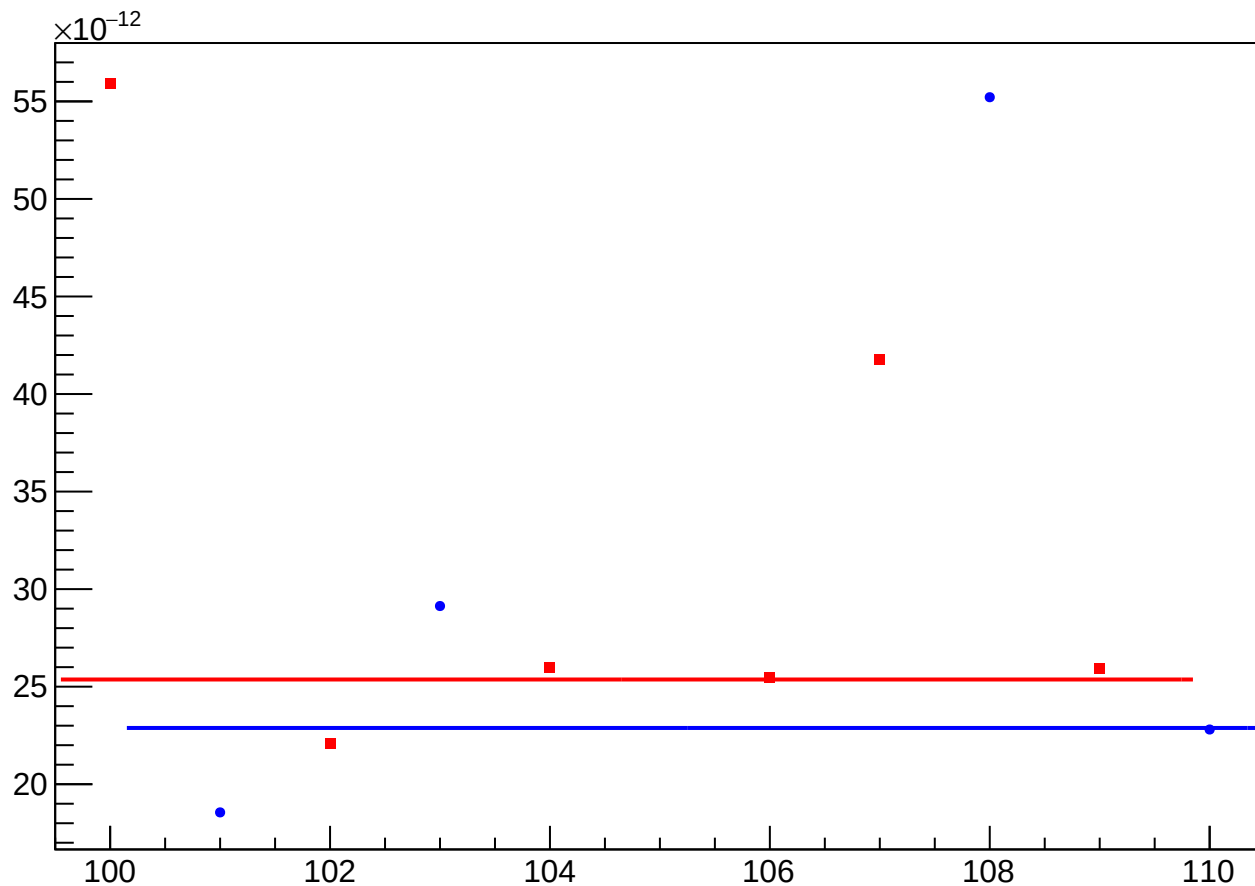
Right: 0.000+/-0.000 χ^2/NDF : 7.4/9

In: 0.000+/-0.000 χ^2/NDF : 1.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.4/9

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 229297.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 84503.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

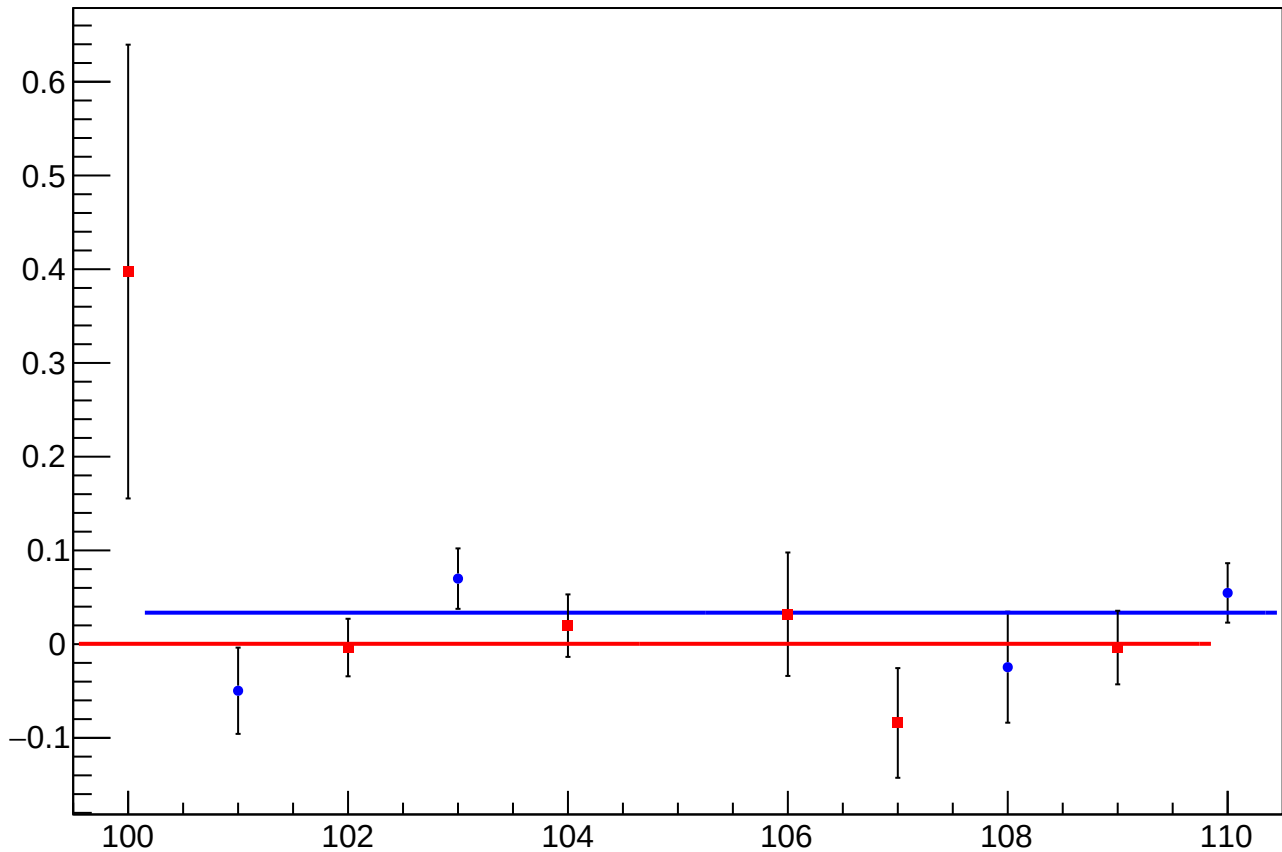
Right: 0.000+/-0.000 χ^2/NDF : 324998.3/9

In: 0.000+/-0.000 χ^2/NDF : 229297.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 324998.3/9

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.019 χ^2 /NDF: 6.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.018 χ^2 /NDF: 5.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

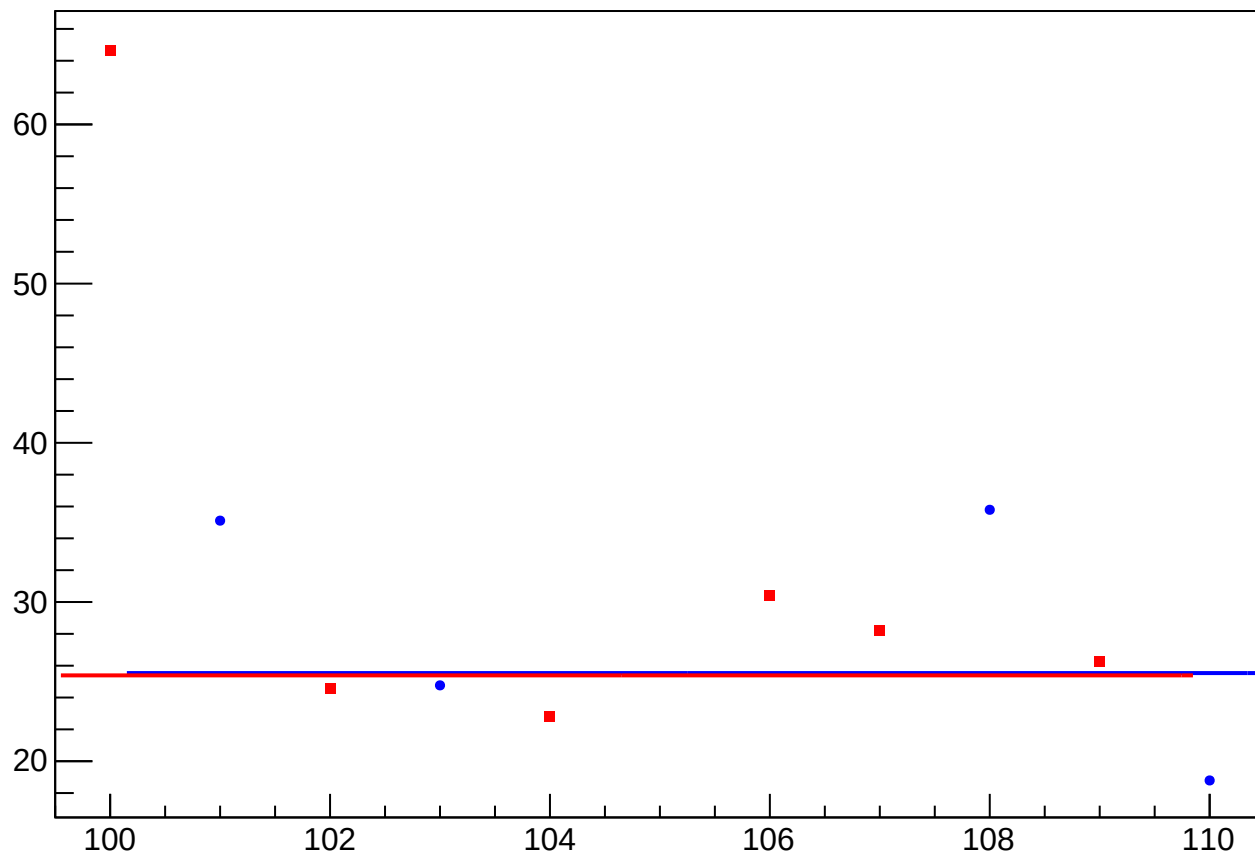
Right: 0.016 $\pm$ 0.013 χ^2 /NDF: 12.9/9

In: 0.034 $\pm$ 0.019 χ^2 /NDF:6.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.013 χ^2 /NDF: 12.9/9

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.536+/-0.014 χ^2/NDF : 238240.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.391+/-0.013 χ^2/NDF : 83082.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

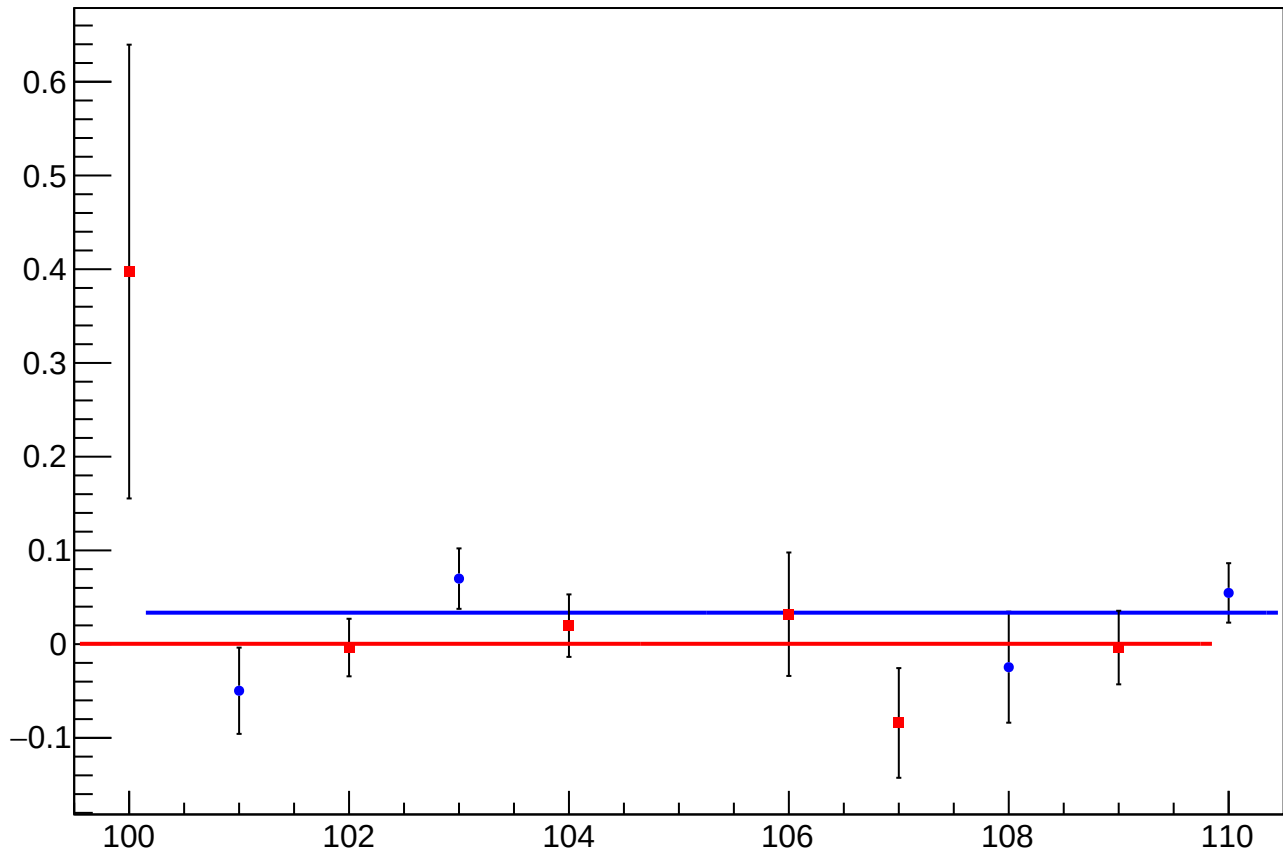
Right: 25.458+/-0.009 χ^2/NDF : 321383.7/9

In: 25.536+/-0.014 χ^2/NDF : 238240.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.458+/-0.009 χ^2/NDF : 321383.7/9

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.019 χ^2 /NDF: 6.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.018 χ^2 /NDF: 5.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

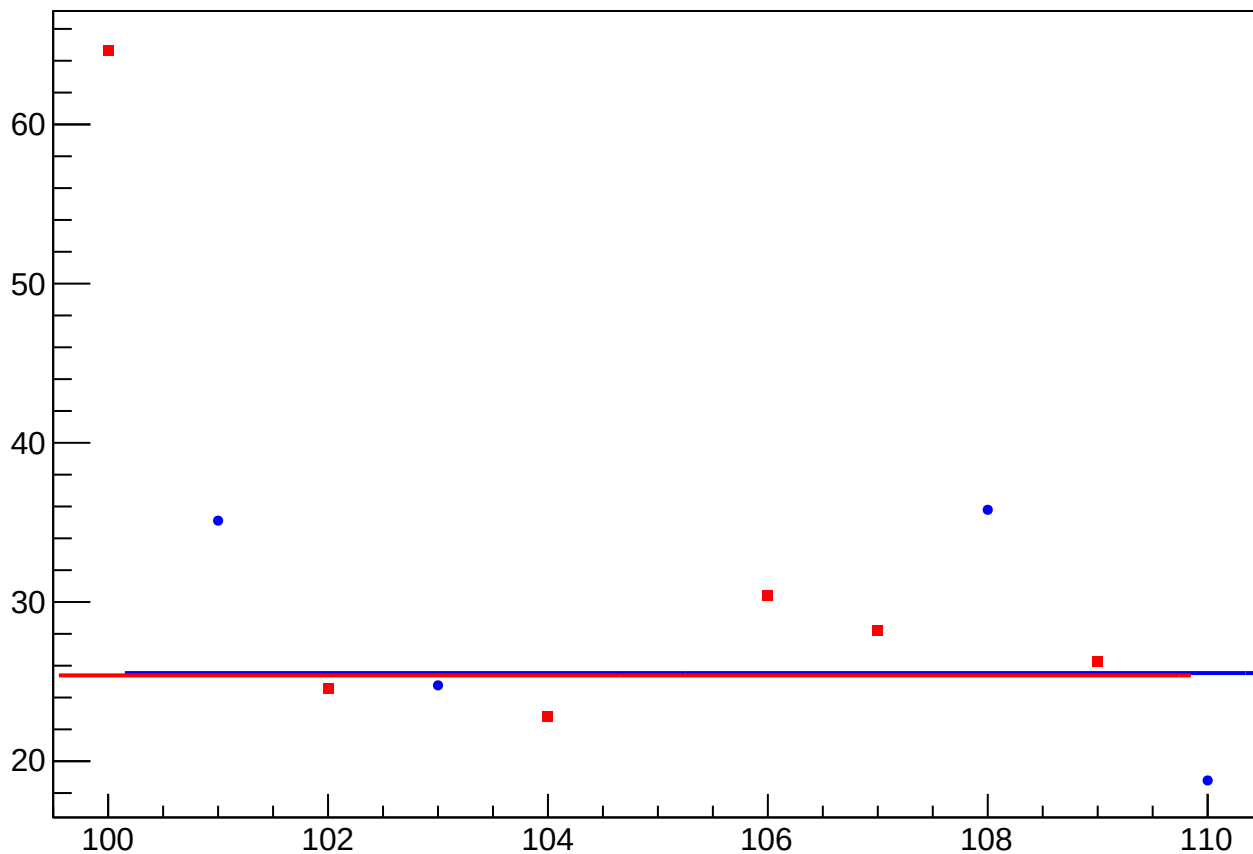
Right: 0.016 $\pm$ 0.013 χ^2 /NDF: 12.9/9

In: 0.034 $\pm$ 0.019 χ^2 /NDF:6.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.013 χ^2 /NDF: 12.9/9

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.536+/-0.014 χ^2/NDF : 238240.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.391+/-0.013 χ^2/NDF : 83082.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

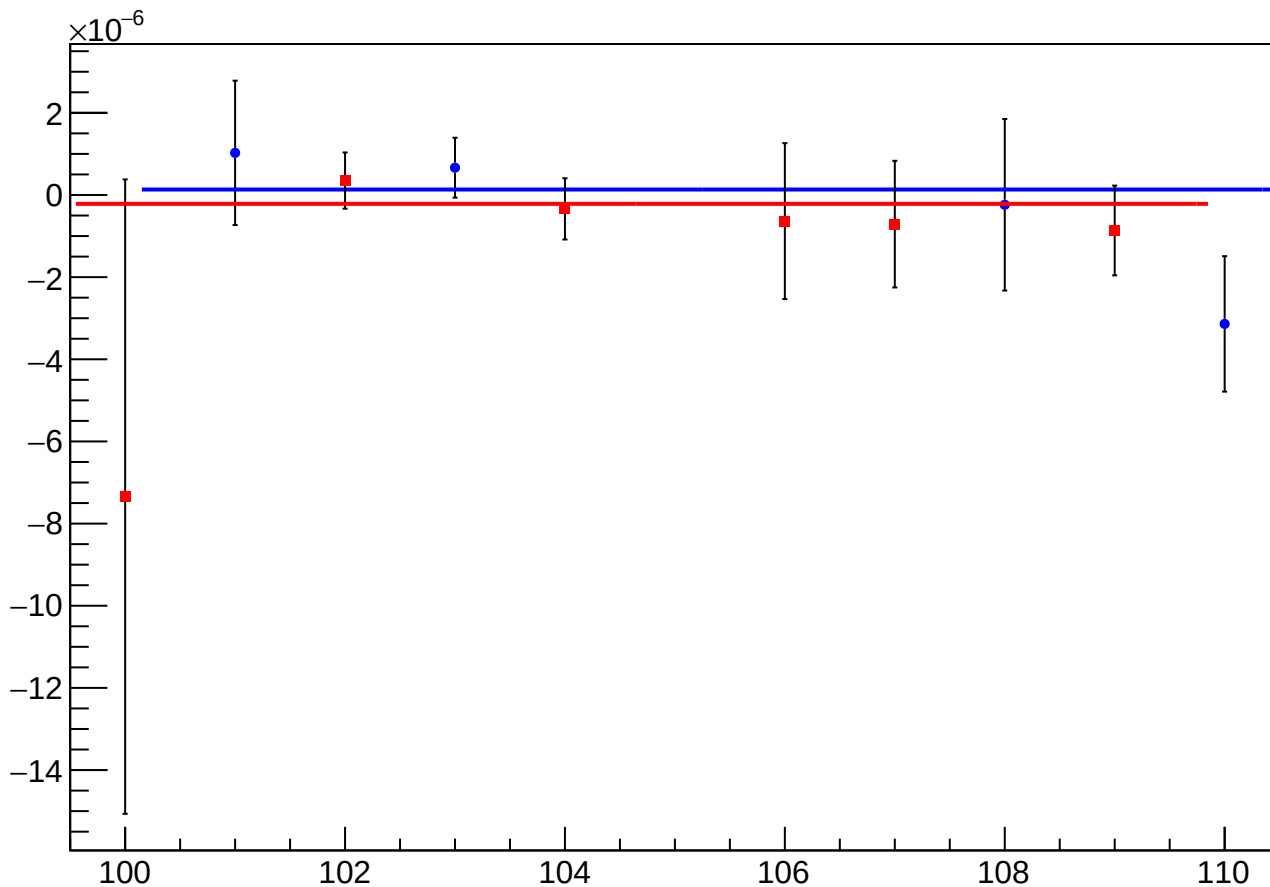
Right: 25.458+/-0.009 χ^2/NDF : 321383.7/9

In: 25.536+/-0.014 χ^2/NDF : 238240.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.458+/-0.009 χ^2/NDF : 321383.7/9

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

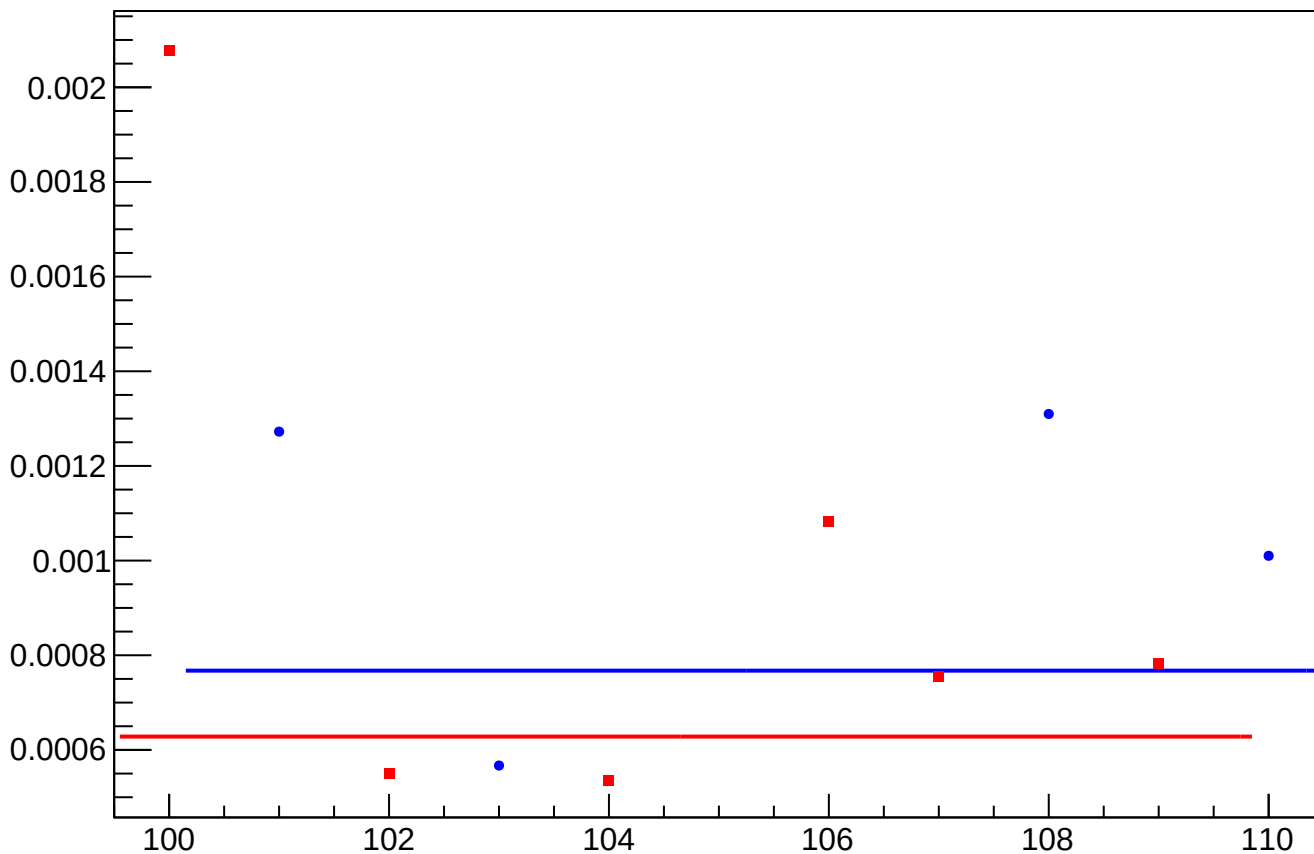
Right: -0.000+/-0.000 χ^2/NDF : 7.1/9

In: 0.000+/-0.000 χ^2/NDF : 4.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.1/9

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 494442.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 295170.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

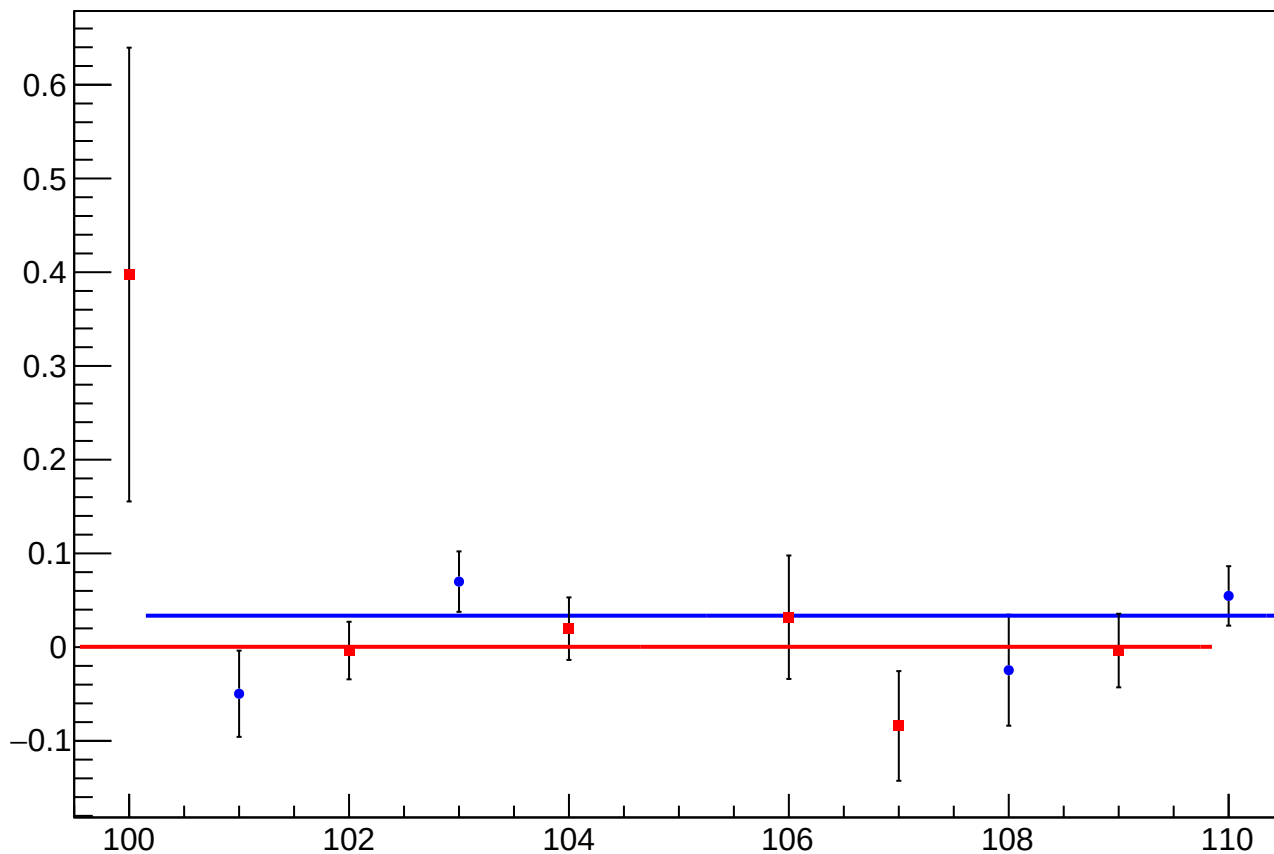
Right: 0.001+/-0.000 χ^2/NDF : 861592.6/9

In: 0.001+/-0.000 χ^2/NDF : 494442.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 861592.6/9

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.019 χ^2 /NDF: 6.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.018 χ^2 /NDF: 5.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

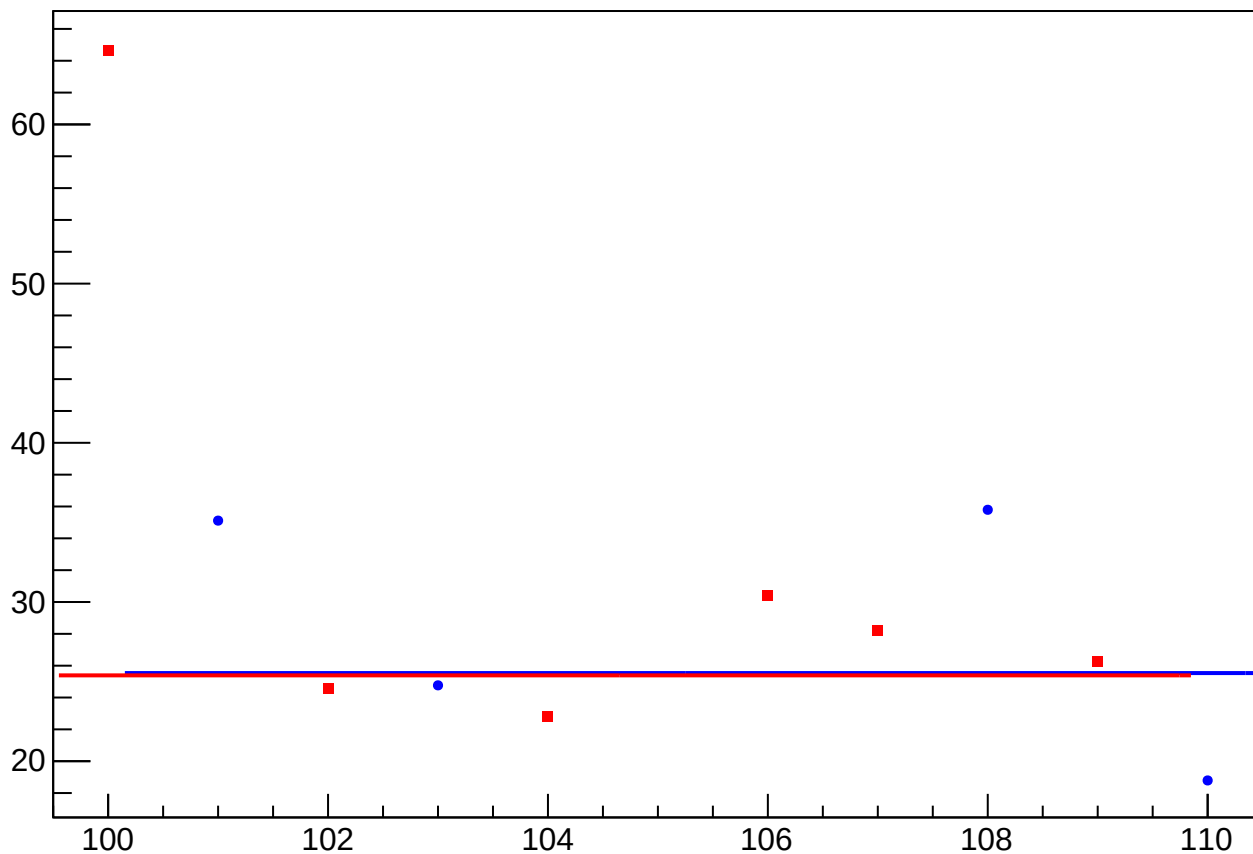
Right: 0.016 $\pm$ 0.013 χ^2 /NDF: 12.9/9

In: 0.034 $\pm$ 0.019 χ^2 /NDF:6.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.013 χ^2 /NDF: 12.9/9

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.536+/-0.014 χ^2/NDF : 238277.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.392+/-0.013 χ^2/NDF : 83083.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

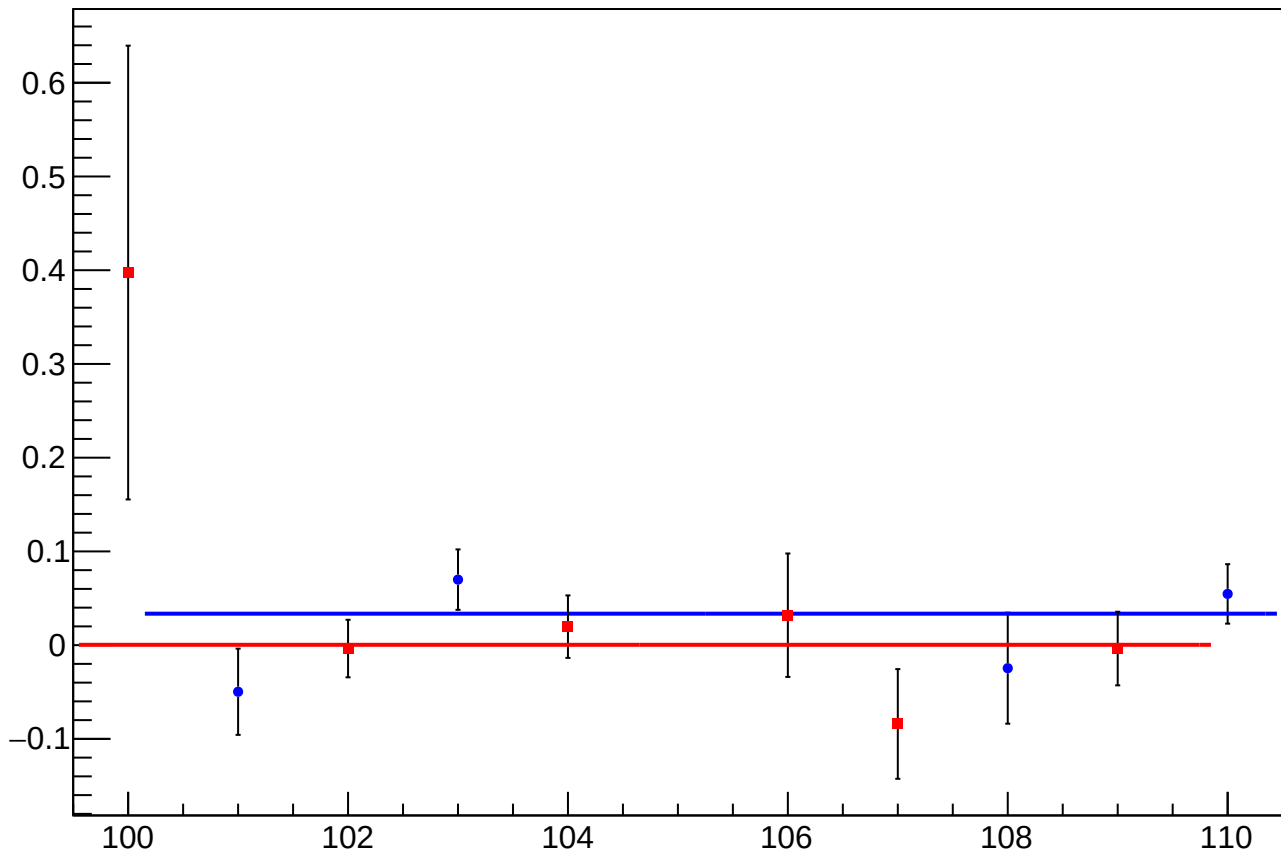
Right: 25.458+/-0.009 χ^2/NDF : 321421.6/9

In: 25.536+/-0.014 χ^2/NDF : 238277.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.458+/-0.009 χ^2/NDF : 321421.6/9

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.019 χ^2 /NDF: 6.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.018 χ^2 /NDF: 5.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

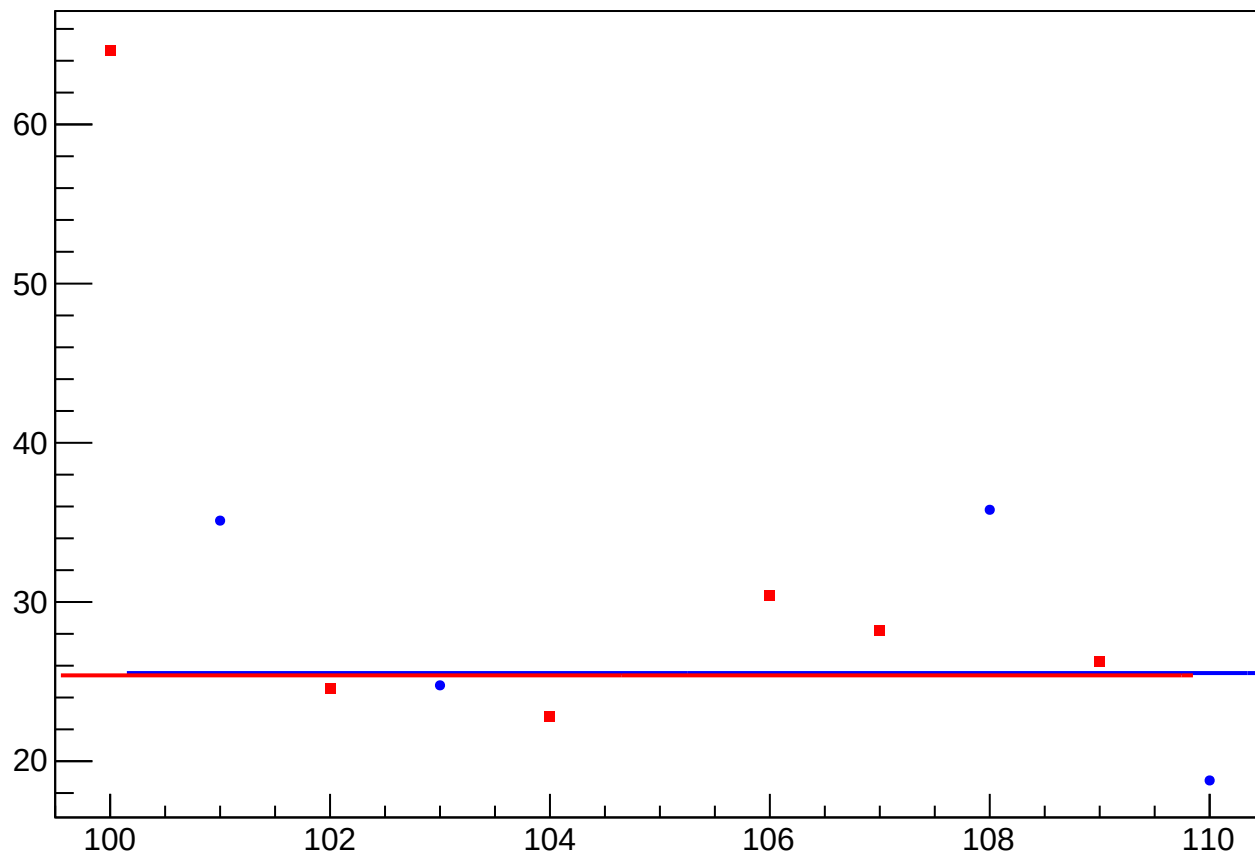
Right: 0.016 $\pm$ 0.013 χ^2 /NDF: 12.9/9

In: 0.034 $\pm$ 0.019 χ^2 /NDF: 6.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.013 χ^2 /NDF: 12.9/9

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.536+/-0.014 χ^2/NDF : 238277.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.392+/-0.013 χ^2/NDF : 83083.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

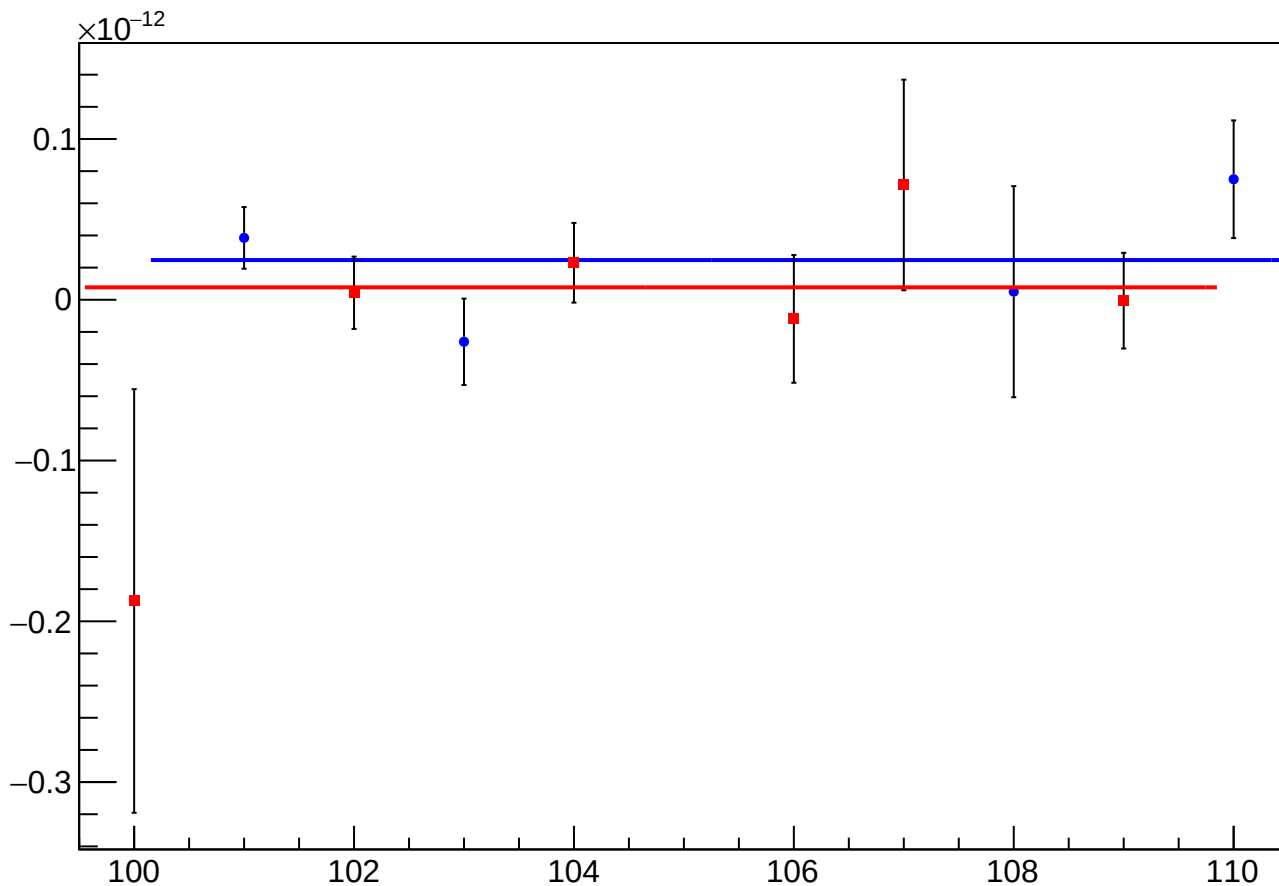
Right: 25.458+/-0.009 χ^2/NDF : 321421.6/9

In: 25.536+/-0.014 χ^2/NDF : 238277.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.458+/-0.009 χ^2/NDF : 321421.6/9

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

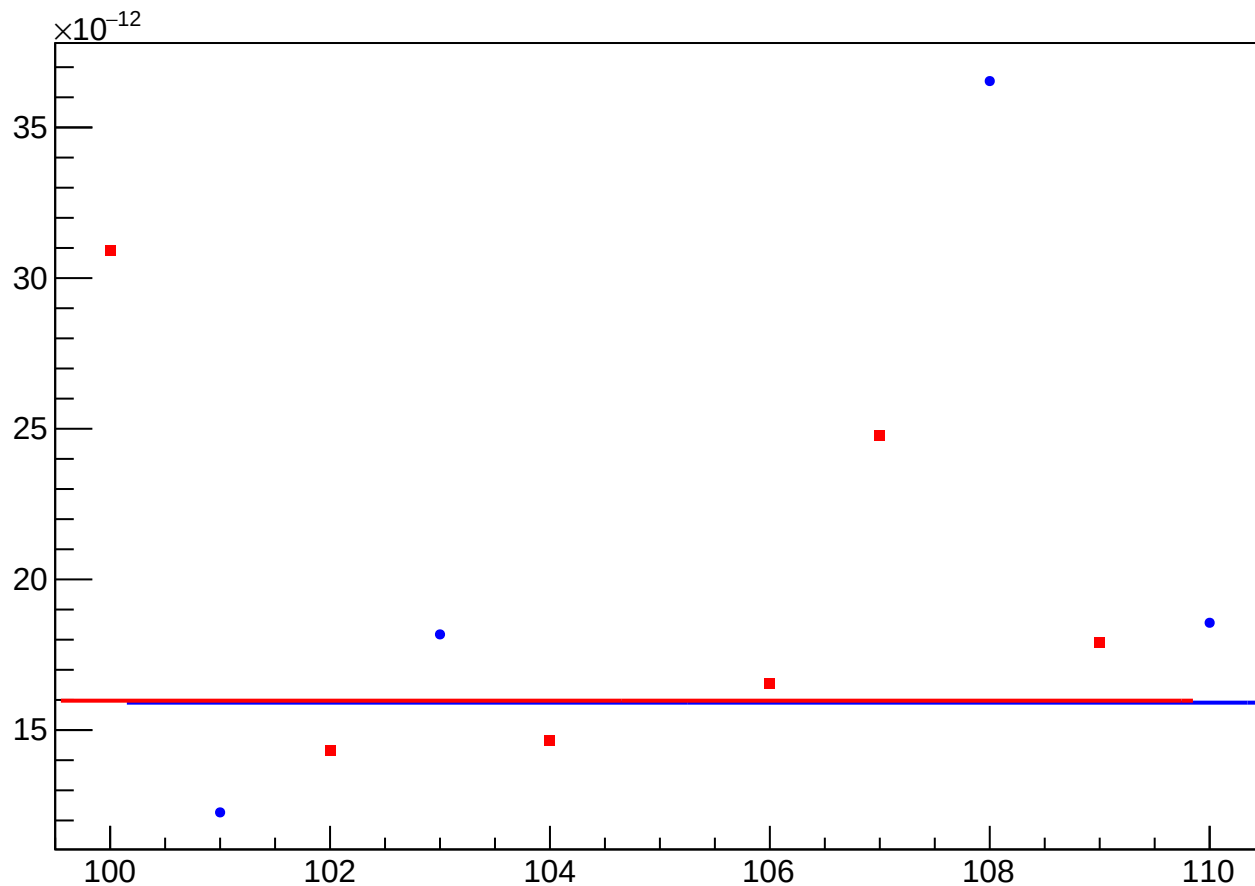
Right: 0.000+/-0.000 χ^2/NDF : 10.7/9

In: 0.000+/-0.000 χ^2/NDF : 6.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.7/9

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 294254.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 87348.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

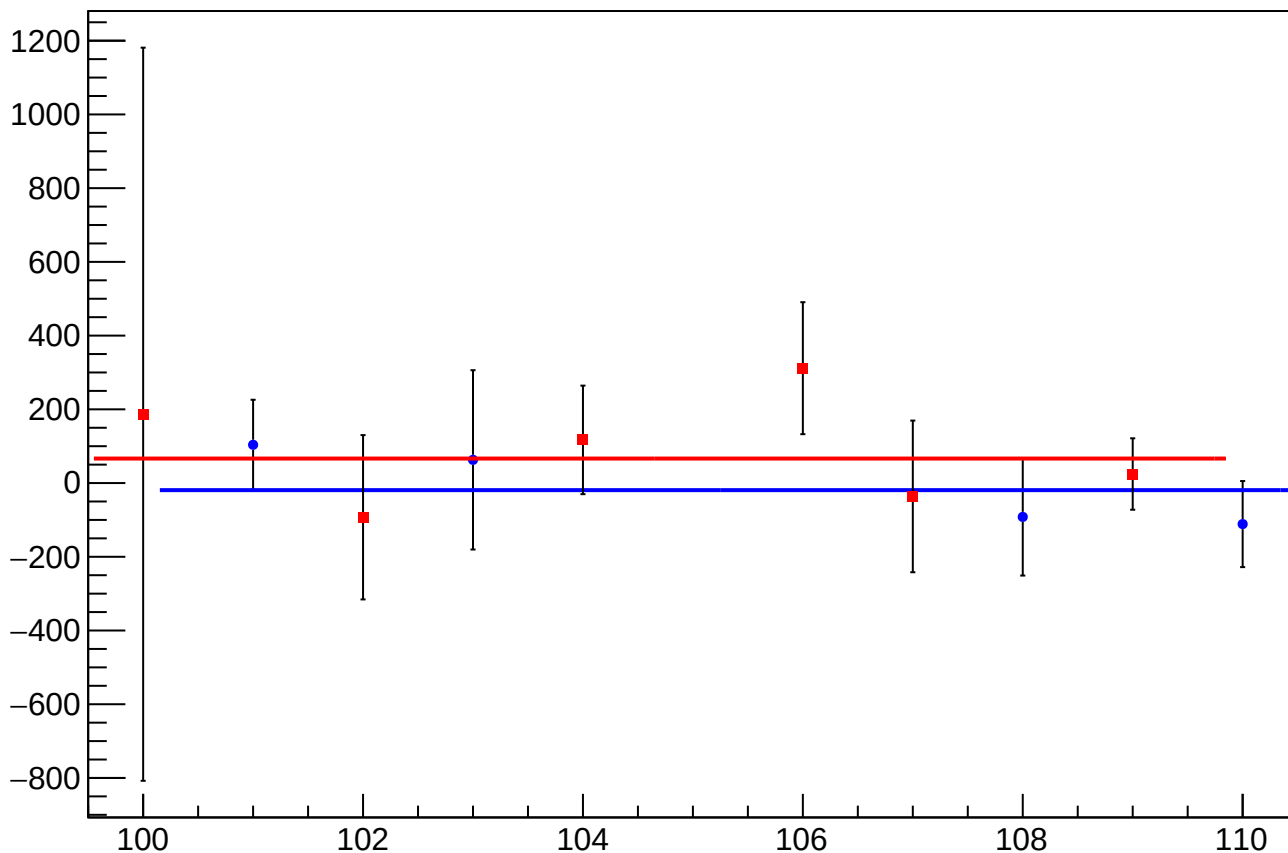
Right: 0.000+/-0.000 χ^2/NDF : 381625.4/9

In: 0.000+/-0.000 χ^2/NDF : 294254.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 381625.4/9

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -19.225+/-71.294 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.483+/-66.127 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

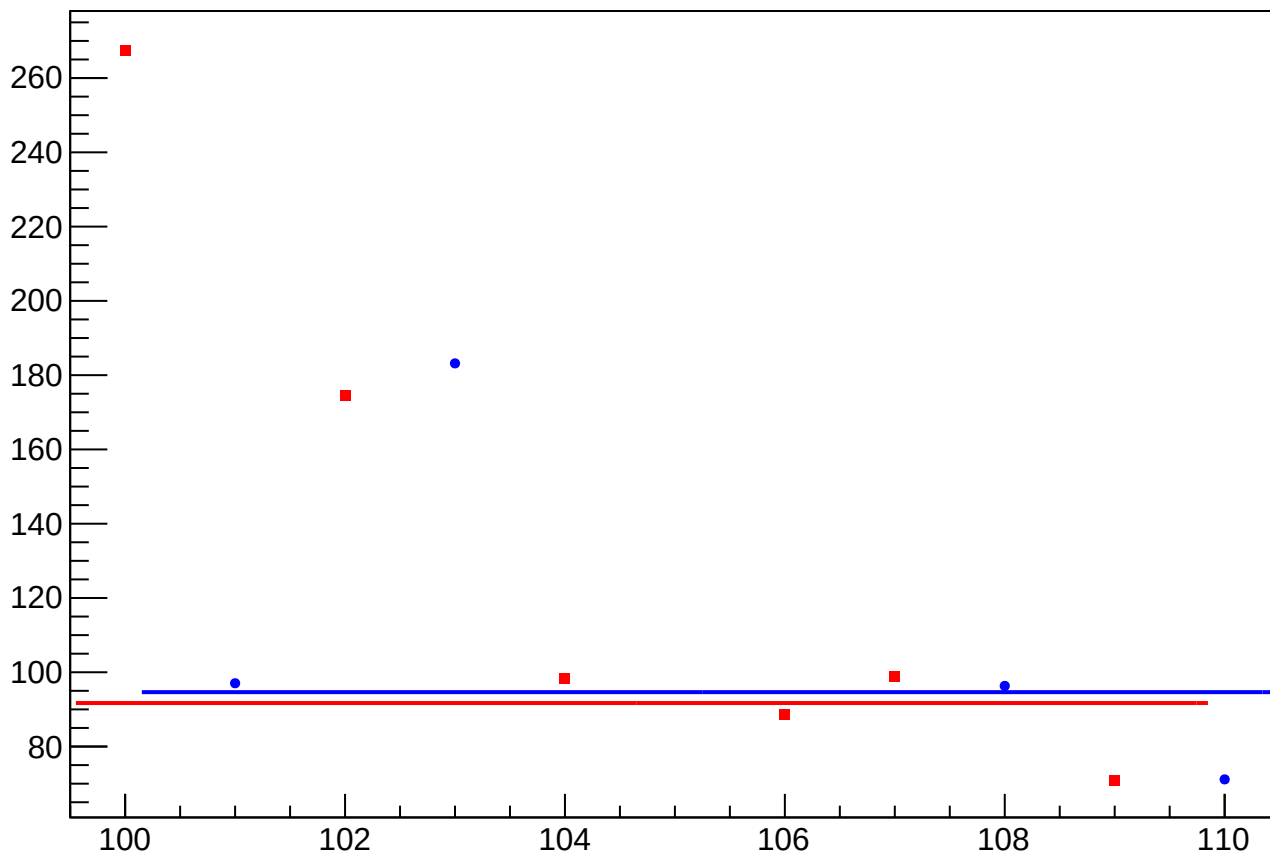
Right: 26.847+/-48.483 χ^2/NDF : 5.7/9

In: -19.225+/-71.294 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.847+/-48.483 χ^2/NDF : 5.7/9

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 94.644+/-0.050 χ^2/NDF : 346919.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.714+/-0.047 χ^2/NDF : 439123.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

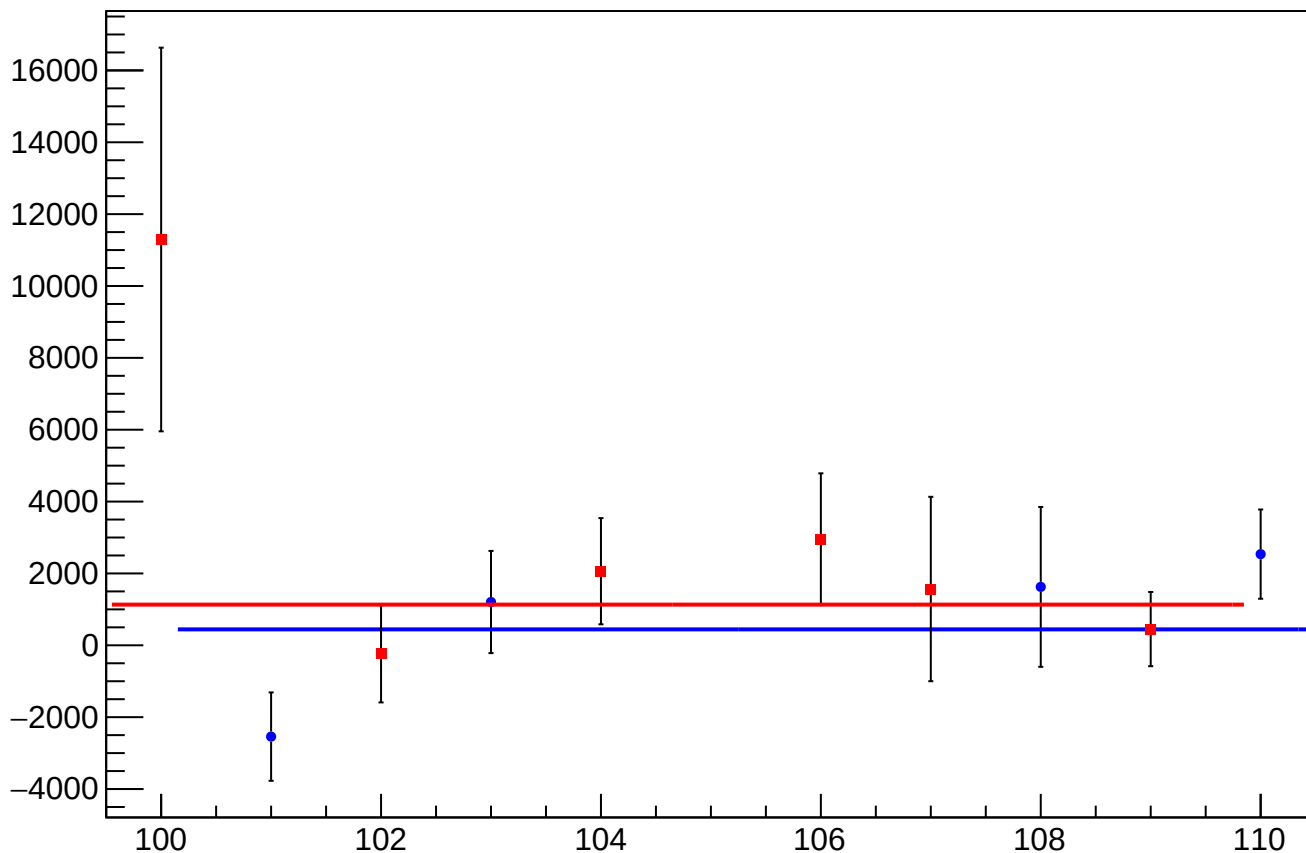
Right: 93.069+/-0.034 χ^2/NDF : 787857.9/9

In: 94.644+/-0.050 χ^2/NDF : 346919.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.069+/-0.034 χ^2/NDF : 787857.9/9

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 443.300+/-705.980 χ^2/NDF : 9.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1132.333+/-641.797 χ^2/NDF : 6.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

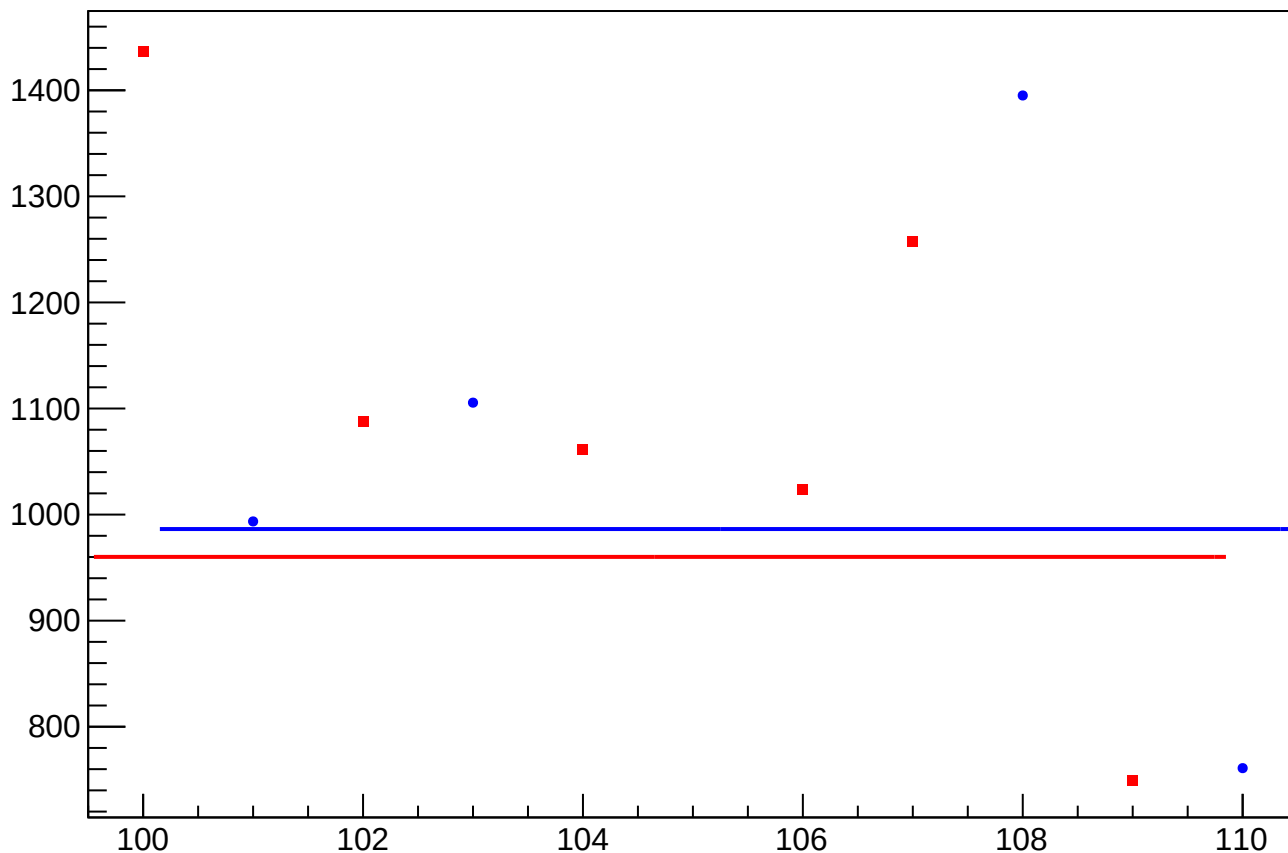
Right: 820.555+/-474.892 χ^2/NDF : 16.3/9

In: 443.300+/-705.980 χ^2/NDF : 9.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 820.555+/-474.892 χ^2/NDF : 16.3/9

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 986.367 $\pm$ 0.499 χ^2 /NDF: 147521.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 960.116 $\pm$ 0.454 χ^2 /NDF: 155548.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

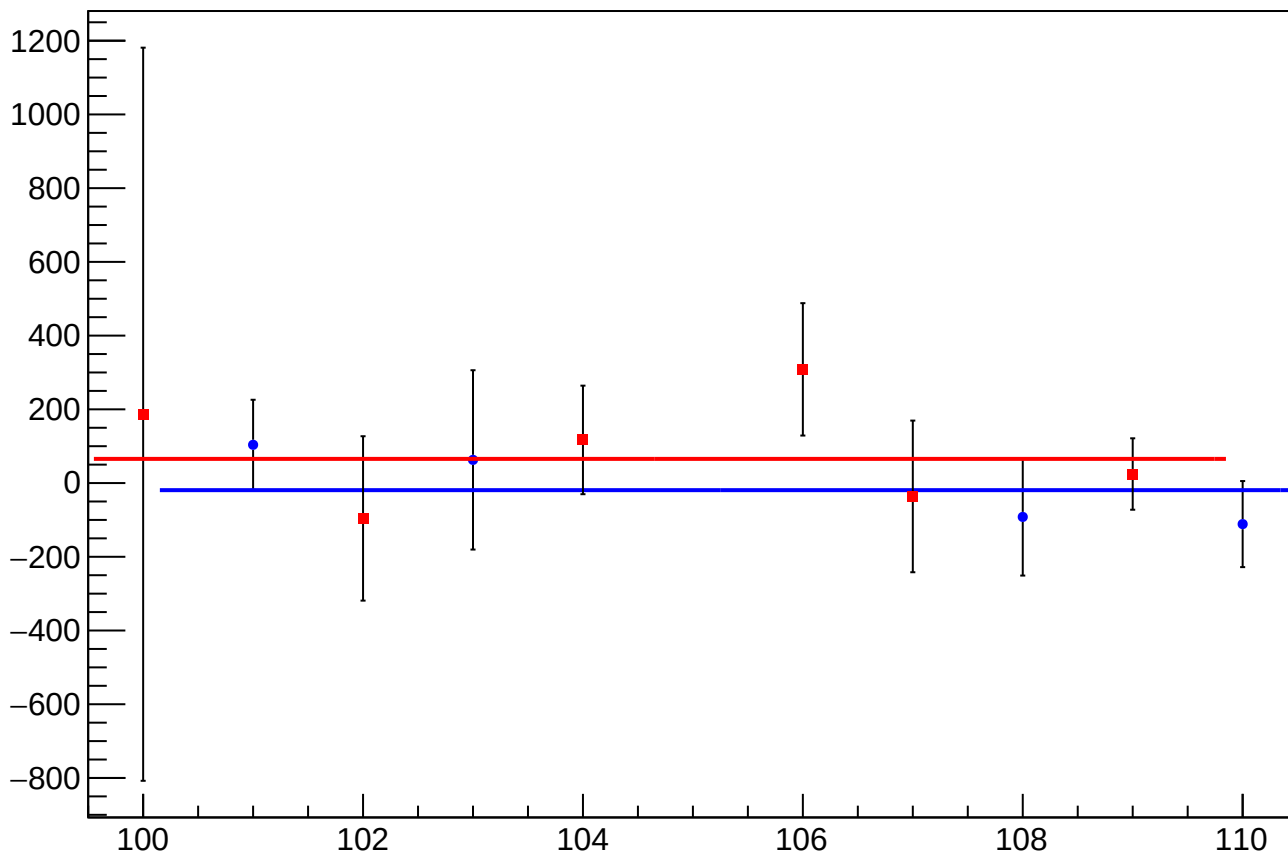
Right: 971.994 $\pm$ 0.336 χ^2 /NDF: 304583.6/9

In: 986.367 $\pm$ 0.499 χ^2 /NDF:147521.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 971.994 $\pm$ 0.336 χ^2 /NDF: 304583.6/9

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -19.247+/-71.294 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.579+/-66.157 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

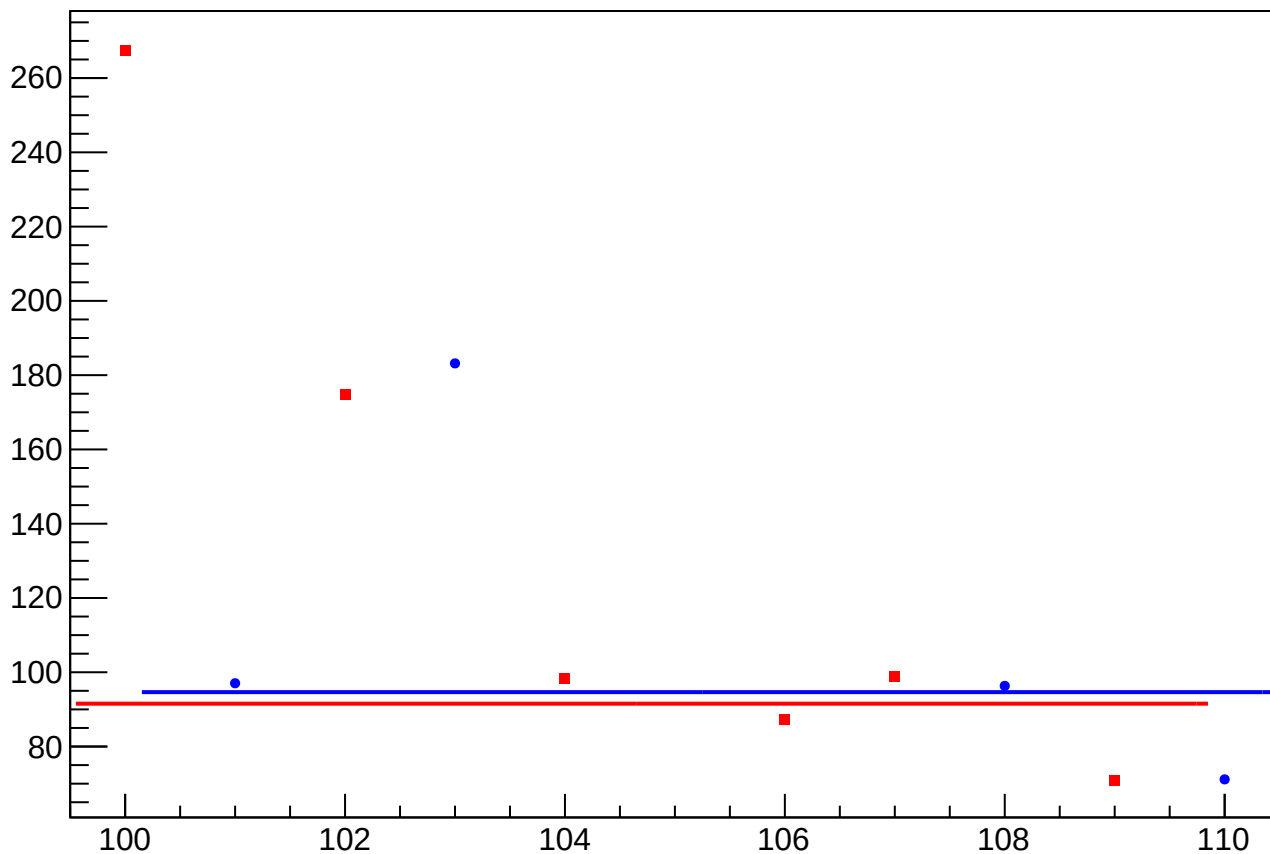
Right: 26.332+/-48.495 χ^2/NDF : 5.6/9

In: -19.247+/-71.294 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.332+/-48.495 χ^2/NDF : 5.6/9

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 94.644+/-0.050 χ^2/NDF : 346922.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.539+/-0.047 χ^2/NDF : 439956.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

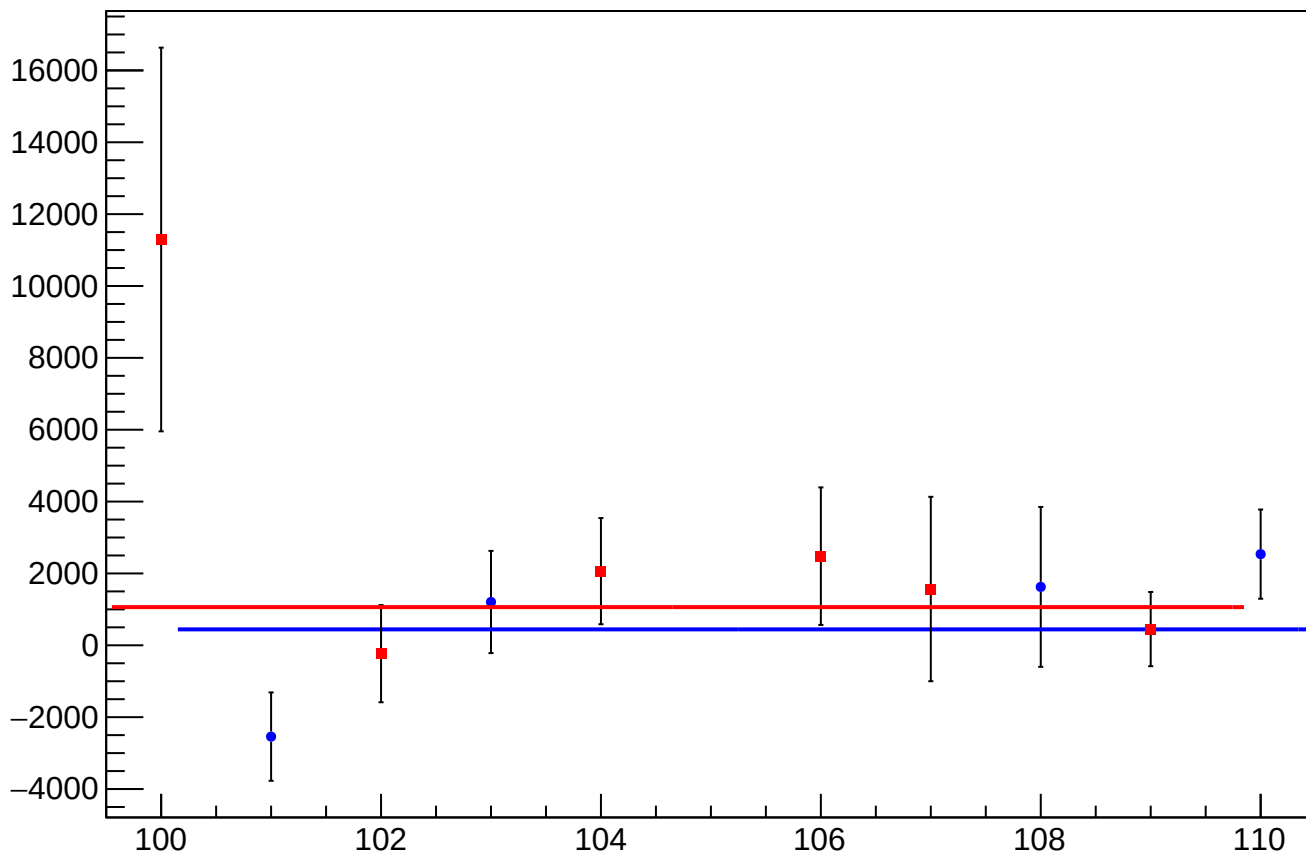
Right: 92.975+/-0.034 χ^2/NDF : 788917.7/9

In: 94.644+/-0.050 χ^2/NDF : 346922.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.975+/-0.034 χ^2/NDF : 788917.7/9

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 443.276+/-705.997 χ^2/NDF : 9.3/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1062.365+/-645.132 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

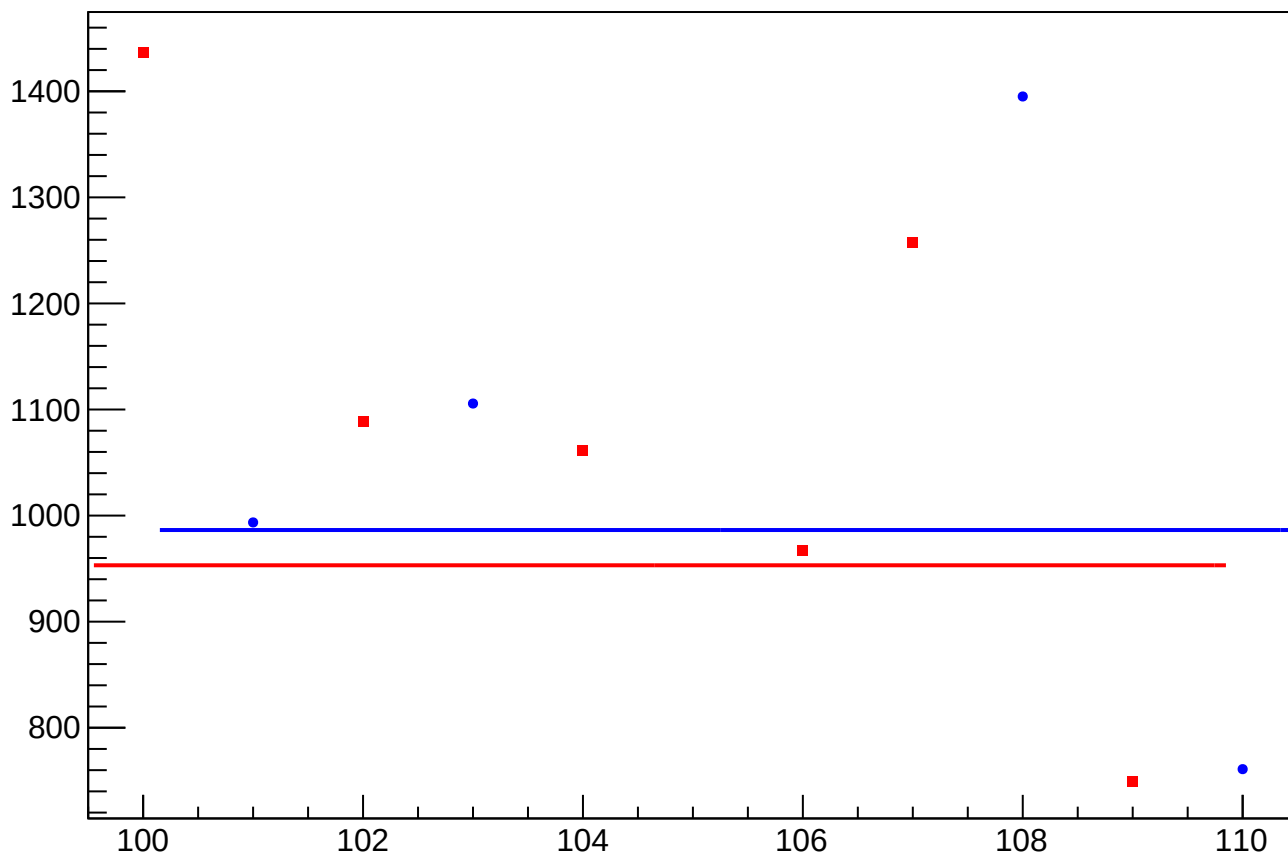
Right: 780.653+/-476.244 χ^2/NDF : 15.7/9

In: 443.276+/-705.997 χ^2/NDF :9.3/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 780.653+/-476.244 χ^2/NDF : 15.7/9

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 986.387+/-0.499 χ^2/NDF : 147544.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 953.143+/-0.456 χ^2/NDF : 153115.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

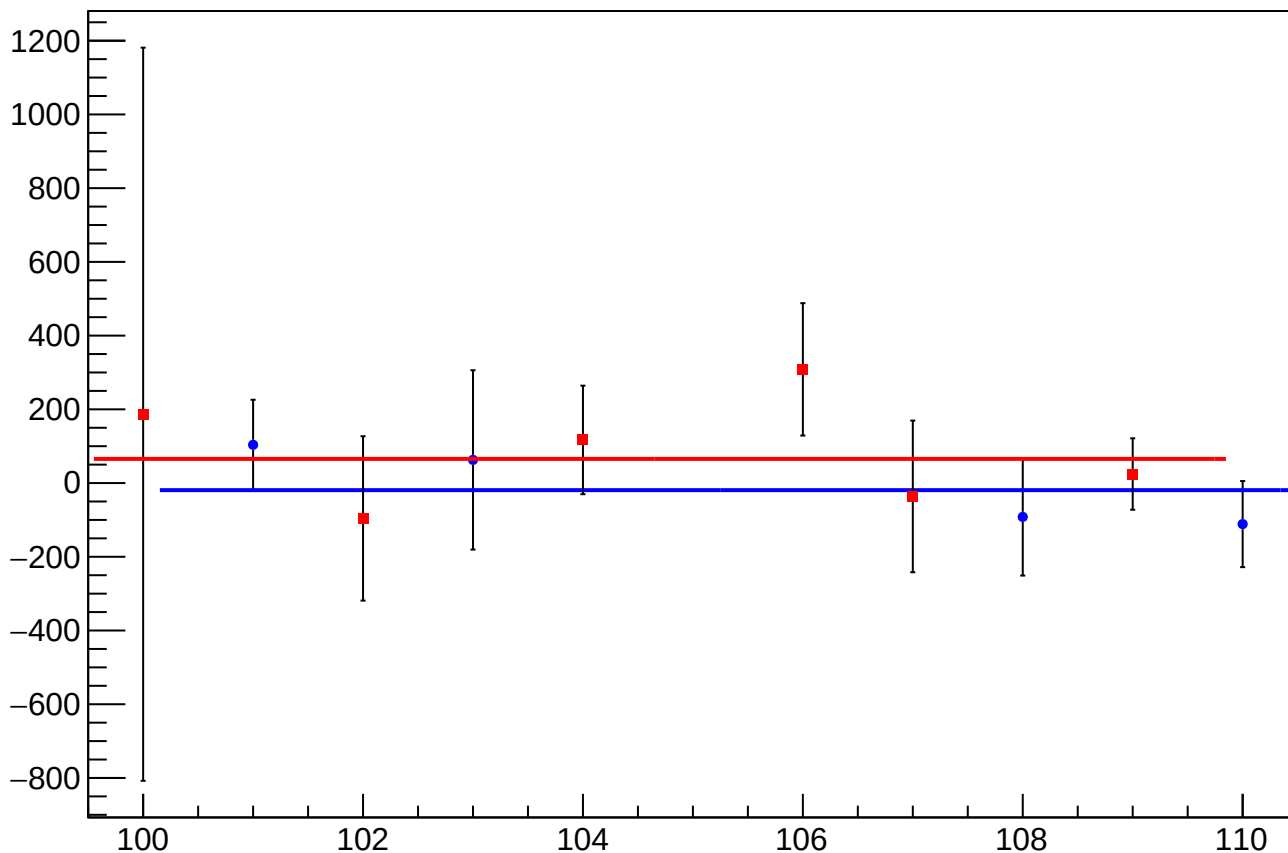
Right: 968.271+/-0.337 χ^2/NDF : 303076.7/9

In: 986.387+/-0.499 χ^2/NDF : 147544.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 968.271+/-0.337 χ^2/NDF : 303076.7/9

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -19.247+/-71.294 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.579+/-66.157 χ^2/NDF : 2.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

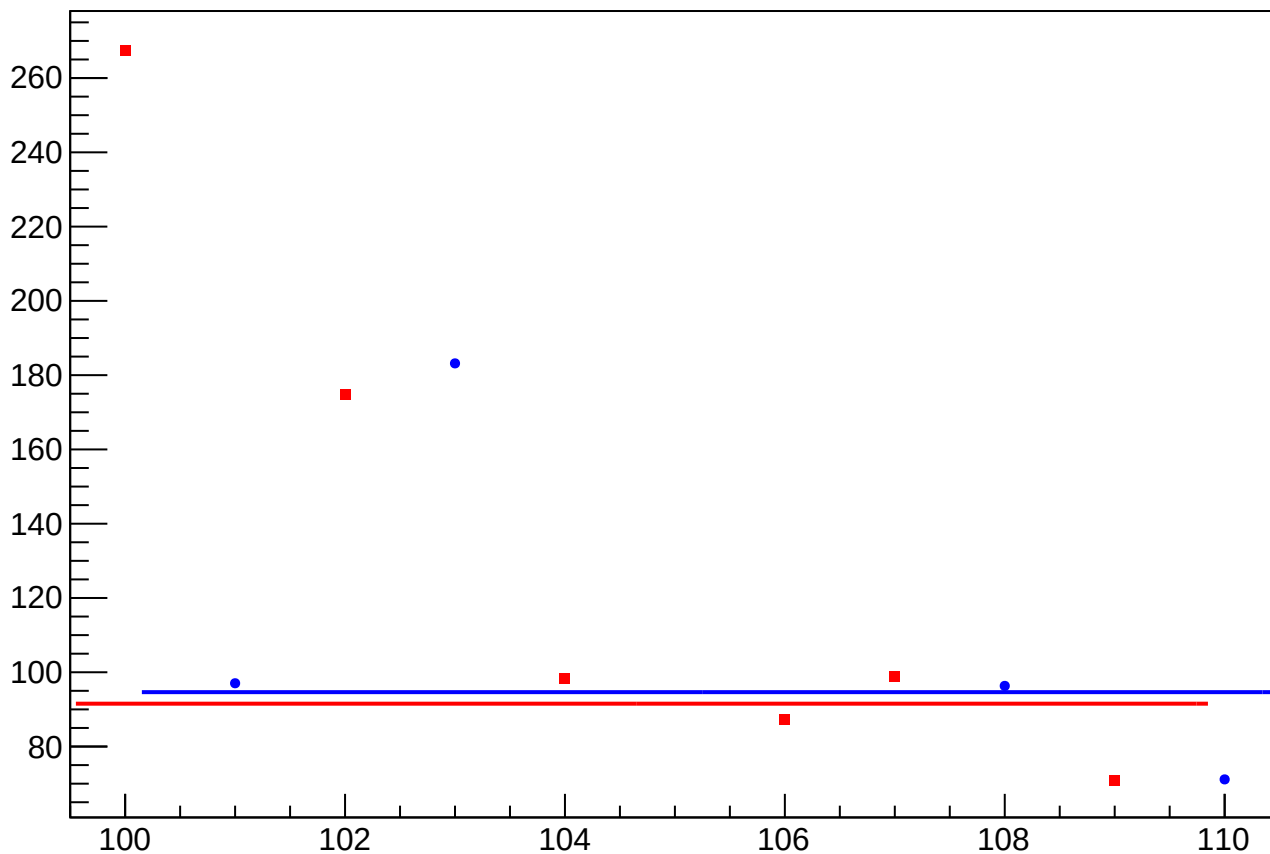
Right: 26.332+/-48.495 χ^2/NDF : 5.6/9

In: -19.247+/-71.294 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.332+/-48.495 χ^2/NDF : 5.6/9

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 94.644+/-0.050 χ^2/NDF : 346922.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.539+/-0.047 χ^2/NDF : 439956.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

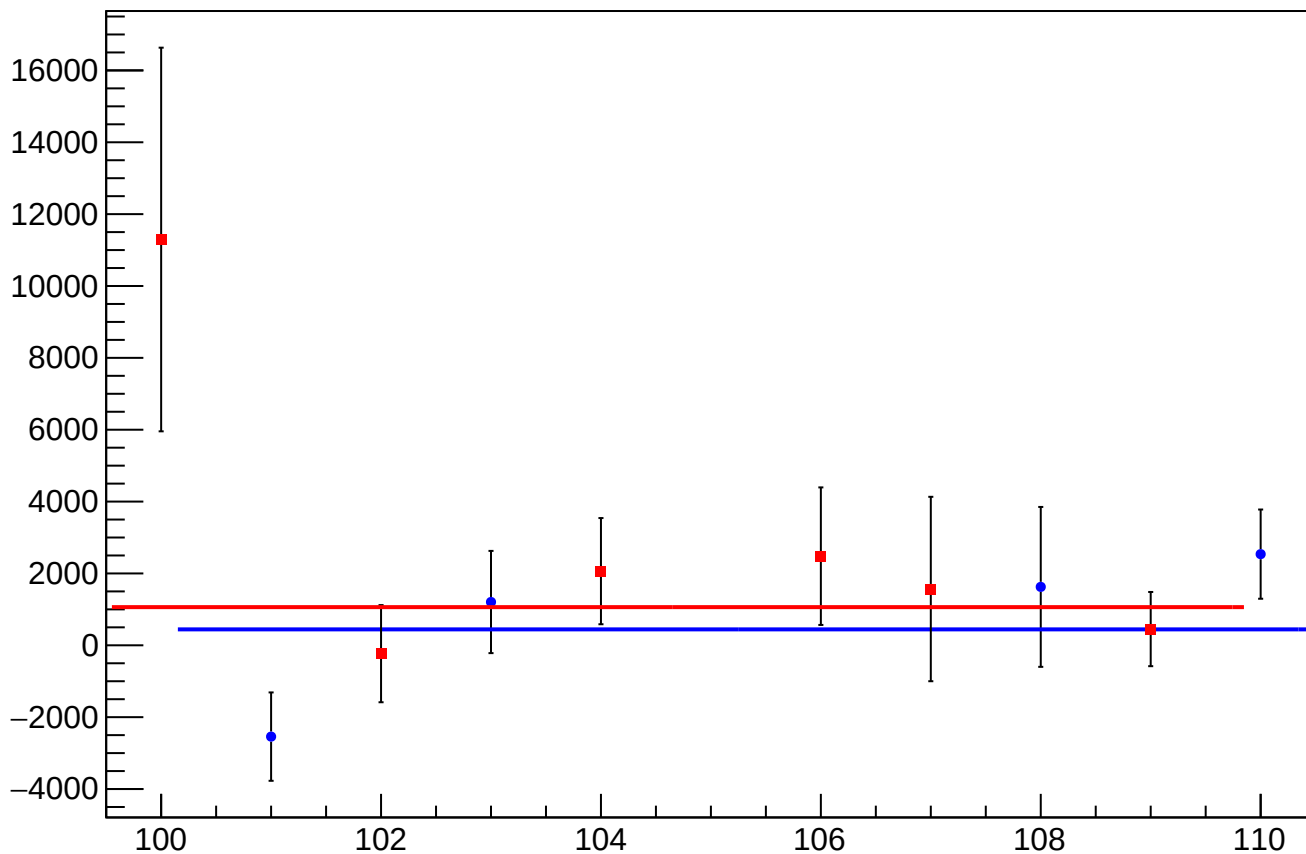
Right: 92.975+/-0.034 χ^2/NDF : 788917.7/9

In: 94.644+/-0.050 χ^2/NDF : 346922.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.975+/-0.034 χ^2/NDF : 788917.7/9

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 443.276+/-705.997 χ^2/NDF : 9.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1062.365+/-645.132 χ^2/NDF : 6.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

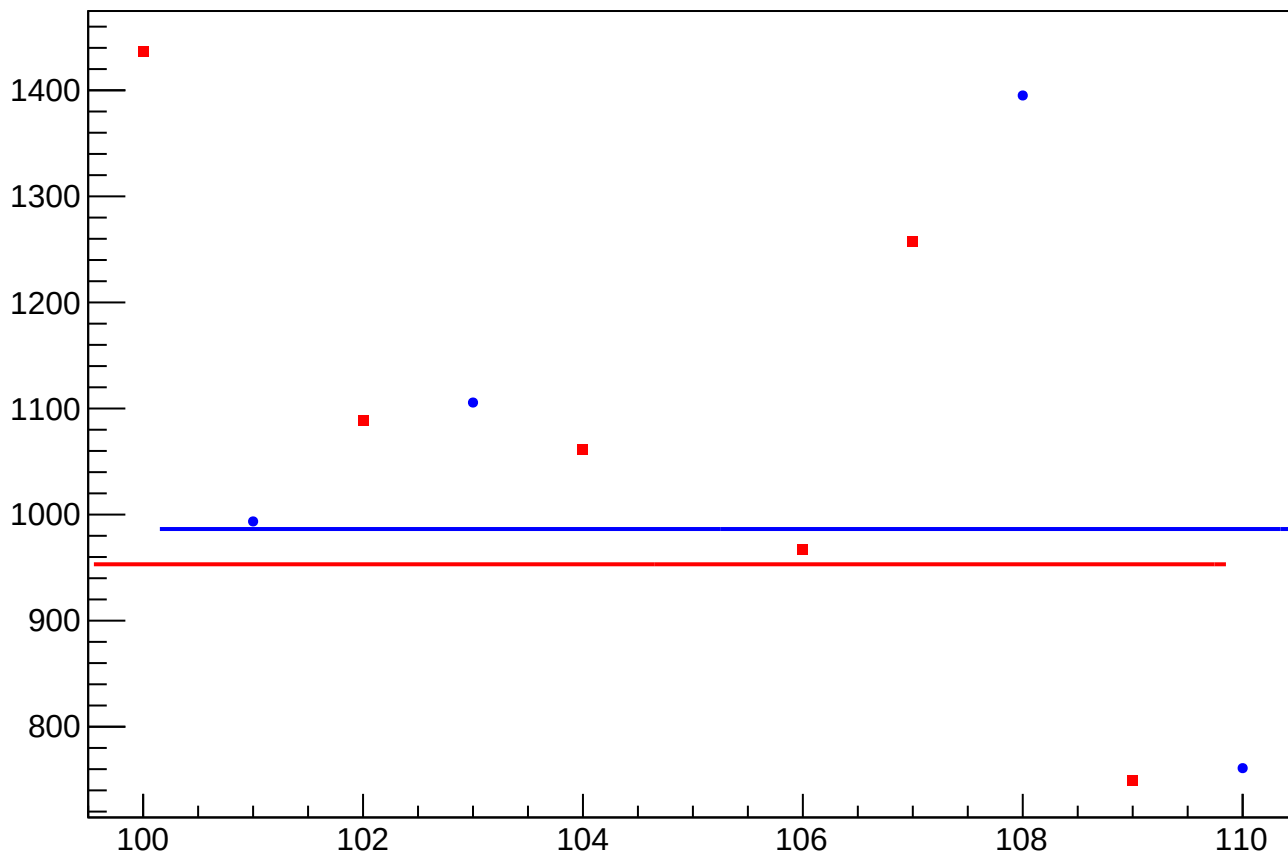
Right: 780.653+/-476.244 χ^2/NDF : 15.7/9

In: 443.276+/-705.997 χ^2/NDF : 9.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.653+/-476.244 χ^2/NDF : 15.7/9

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 986.387+/-0.499 χ^2/NDF : 147544.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 953.143+/-0.456 χ^2/NDF : 153115.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

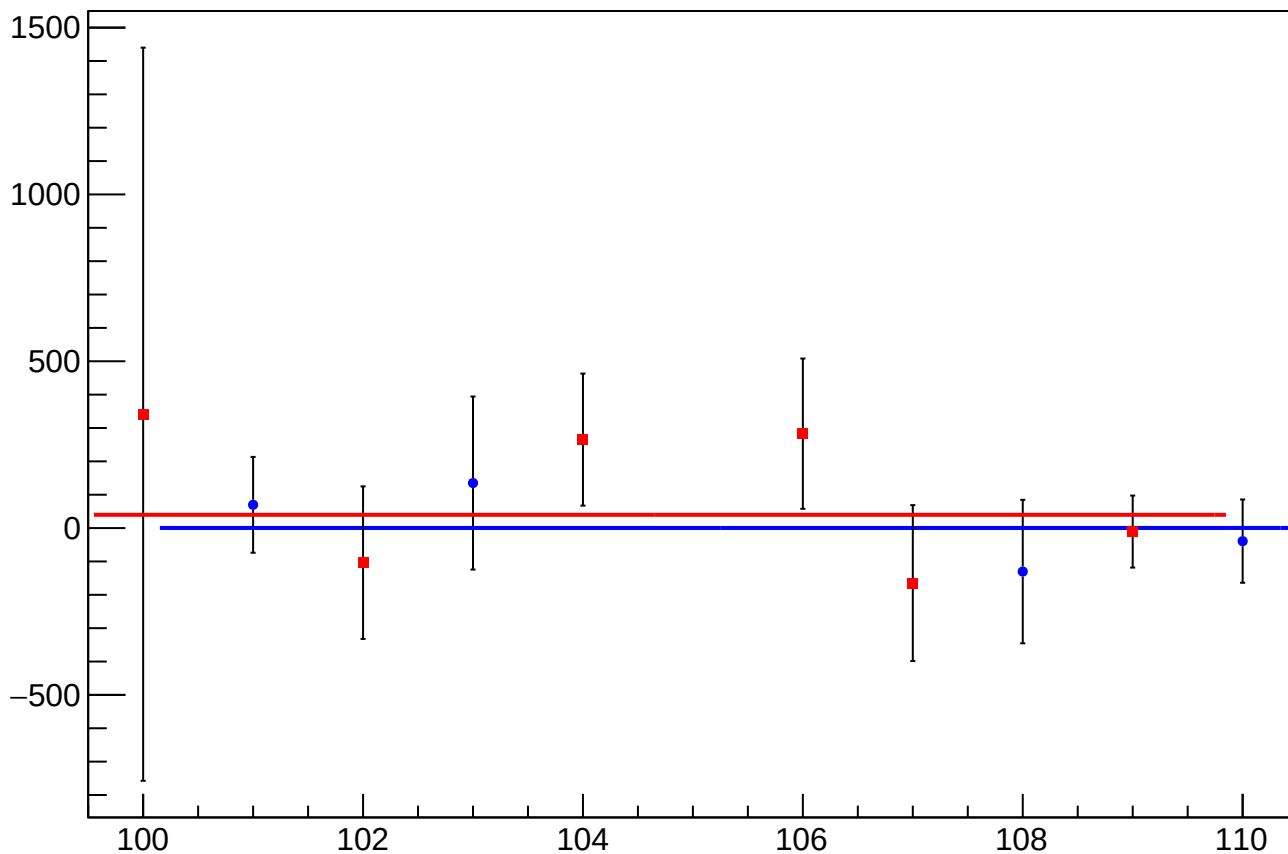
Right: 968.271+/-0.337 χ^2/NDF : 303076.7/9

In: 986.387+/-0.499 χ^2/NDF : 147544.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 968.271+/-0.337 χ^2/NDF : 303076.7/9

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.398 $\pm$ 81.868 χ^2 /NDF: 1.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.766 $\pm$ 76.823 χ^2 /NDF: 3.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

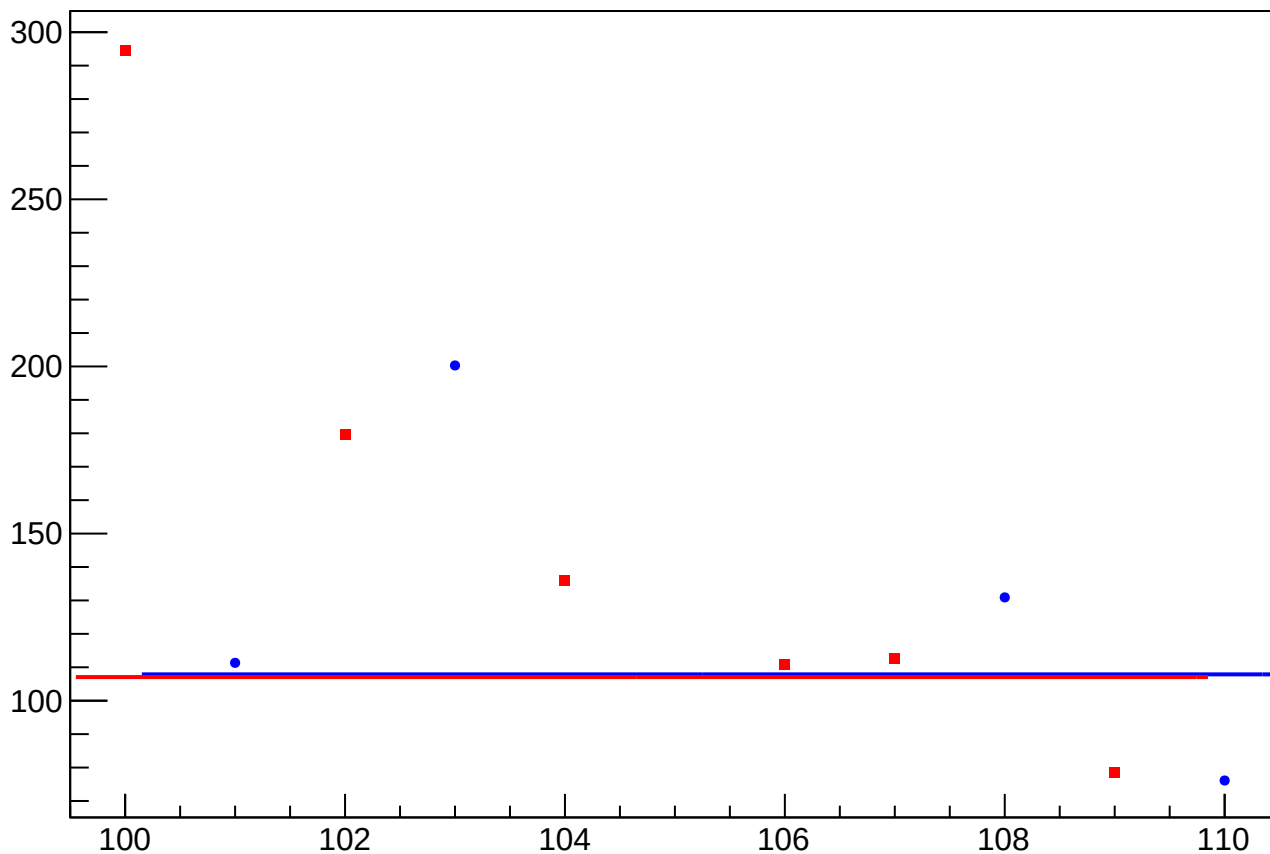
Right: 21.332 $\pm$ 56.021 χ^2 /NDF: 5.0/9

In: 0.398 $\pm$ 81.868 χ^2 /NDF: 1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.332 $\pm$ 56.021 χ^2 /NDF: 5.0/9

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 107.881+/-0.058 χ^2/NDF : 407555.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.069+/-0.054 χ^2/NDF : 443656.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

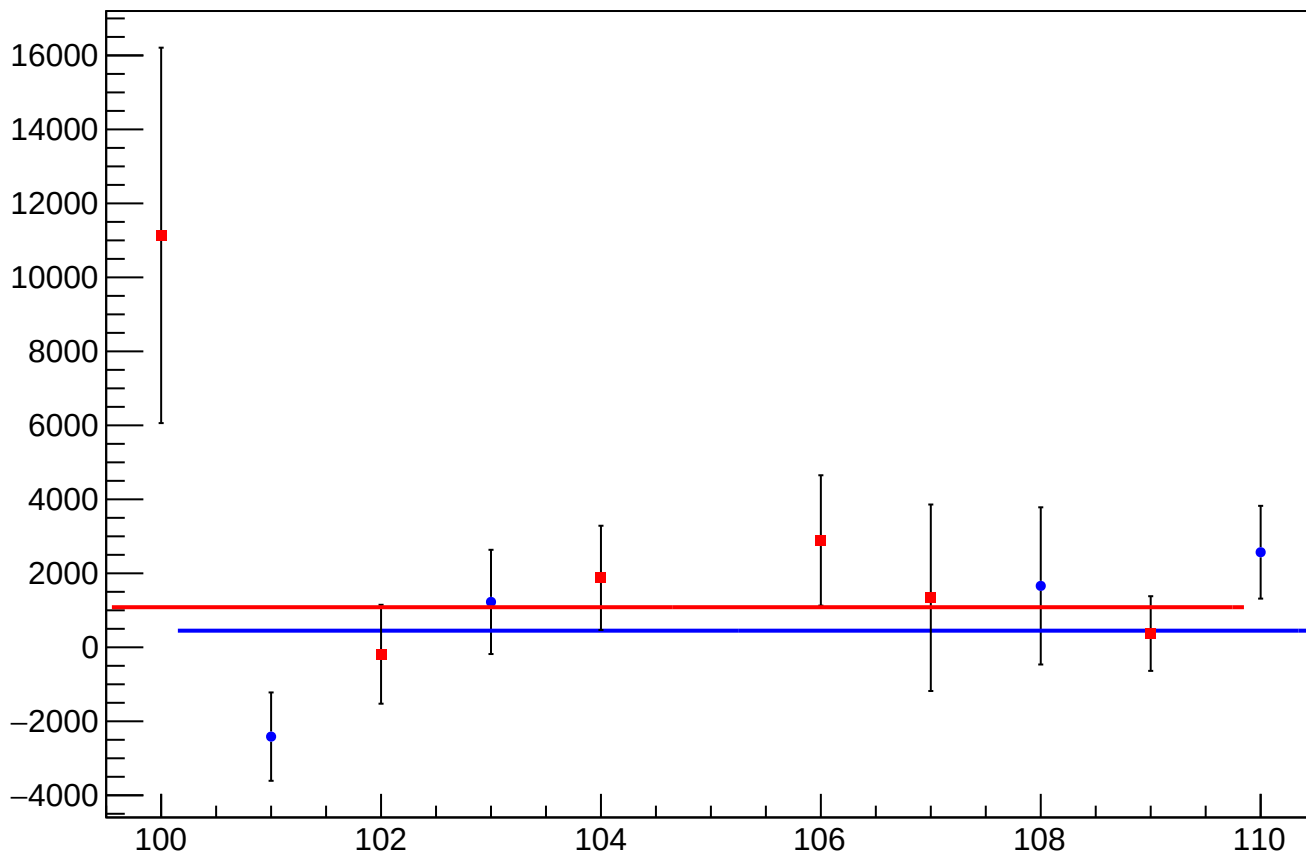
Right: 107.449+/-0.040 χ^2/NDF : 851316.6/9

In: 107.881+/-0.058 χ^2/NDF : 407555.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.449+/-0.040 χ^2/NDF : 851316.6/9

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 449.779 $\pm$ 696.275 χ^2 /NDF: 9.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1084.216 $\pm$ 624.581 χ^2 /NDF: 6.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

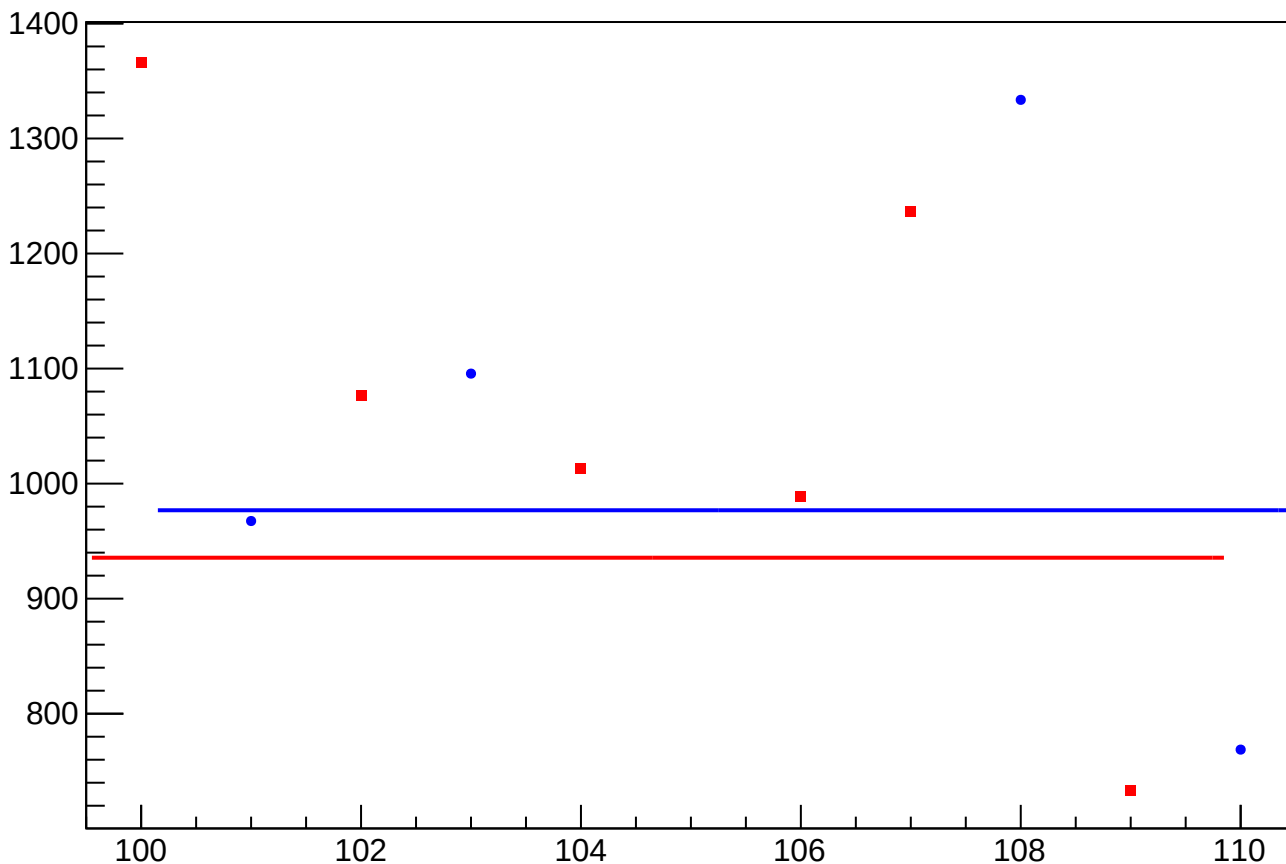
Right: 801.333 $\pm$ 464.933 χ^2 /NDF: 16.4/9

In: 449.779 $\pm$ 696.275 χ^2 /NDF:9.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 801.333 $\pm$ 464.933 χ^2 /NDF: 16.4/9

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 976.842 $\pm$ 0.492 χ^2 /NDF: 125791.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 935.595 $\pm$ 0.442 χ^2 /NDF: 153690.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

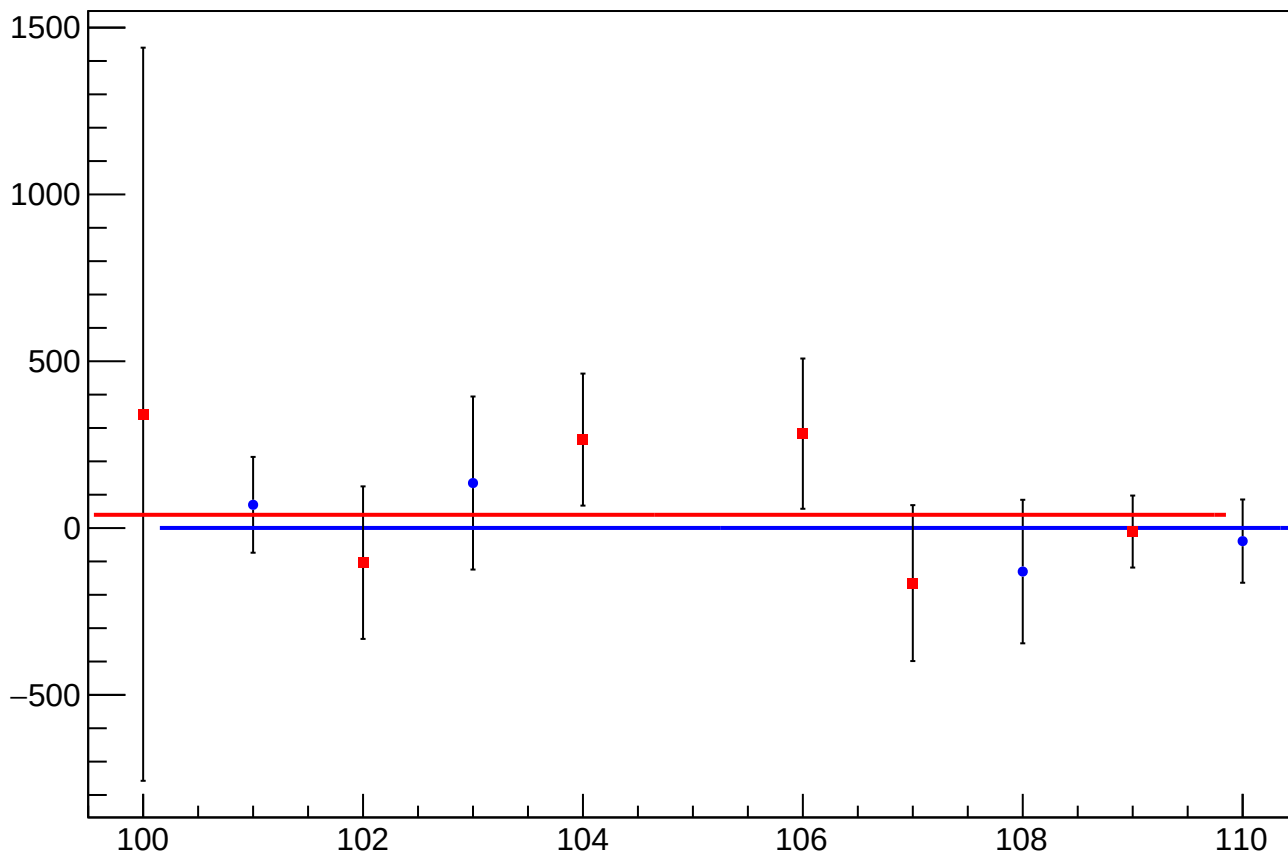
Right: 953.987 $\pm$ 0.329 χ^2 /NDF: 283370.1/9

In: 976.842 $\pm$ 0.492 χ^2 /NDF: 125791.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 953.987 $\pm$ 0.329 χ^2 /NDF: 283370.1/9

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.397 $\pm$ 81.868 χ^2 /NDF: 1.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.764 $\pm$ 76.823 χ^2 /NDF: 3.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

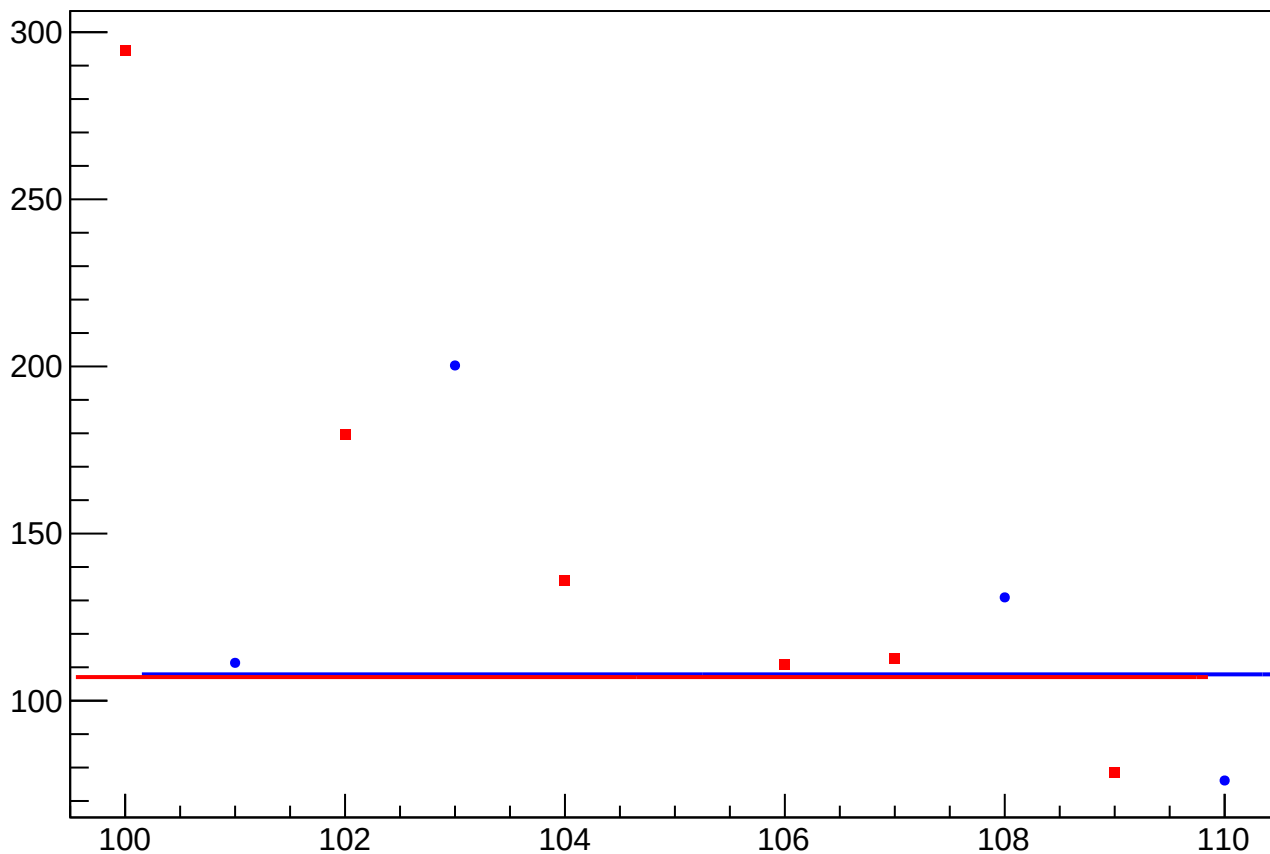
Right: 21.330 $\pm$ 56.021 χ^2 /NDF: 5.0/9

In: 0.397 $\pm$ 81.868 χ^2 /NDF: 1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.330 $\pm$ 56.021 χ^2 /NDF: 5.0/9

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 107.881+/-0.058 χ^2/NDF : 407559.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.069+/-0.054 χ^2/NDF : 443656.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

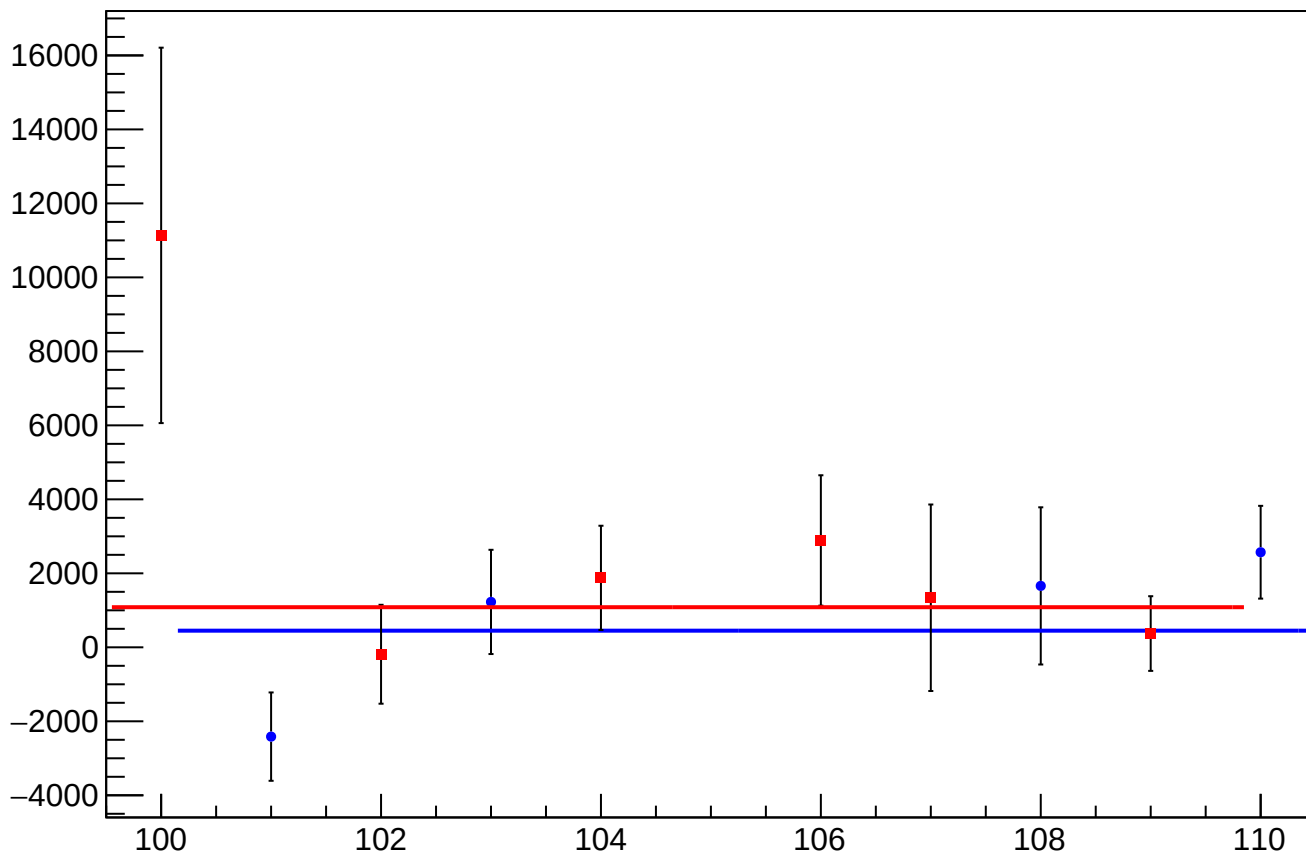
Right: 107.449+/-0.040 χ^2/NDF : 851320.2/9

In: 107.881+/-0.058 χ^2/NDF : 407559.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.449+/-0.040 χ^2/NDF : 851320.2/9

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 449.778+/-696.274 χ^2/NDF : 9.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1084.215+/-624.580 χ^2/NDF : 6.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

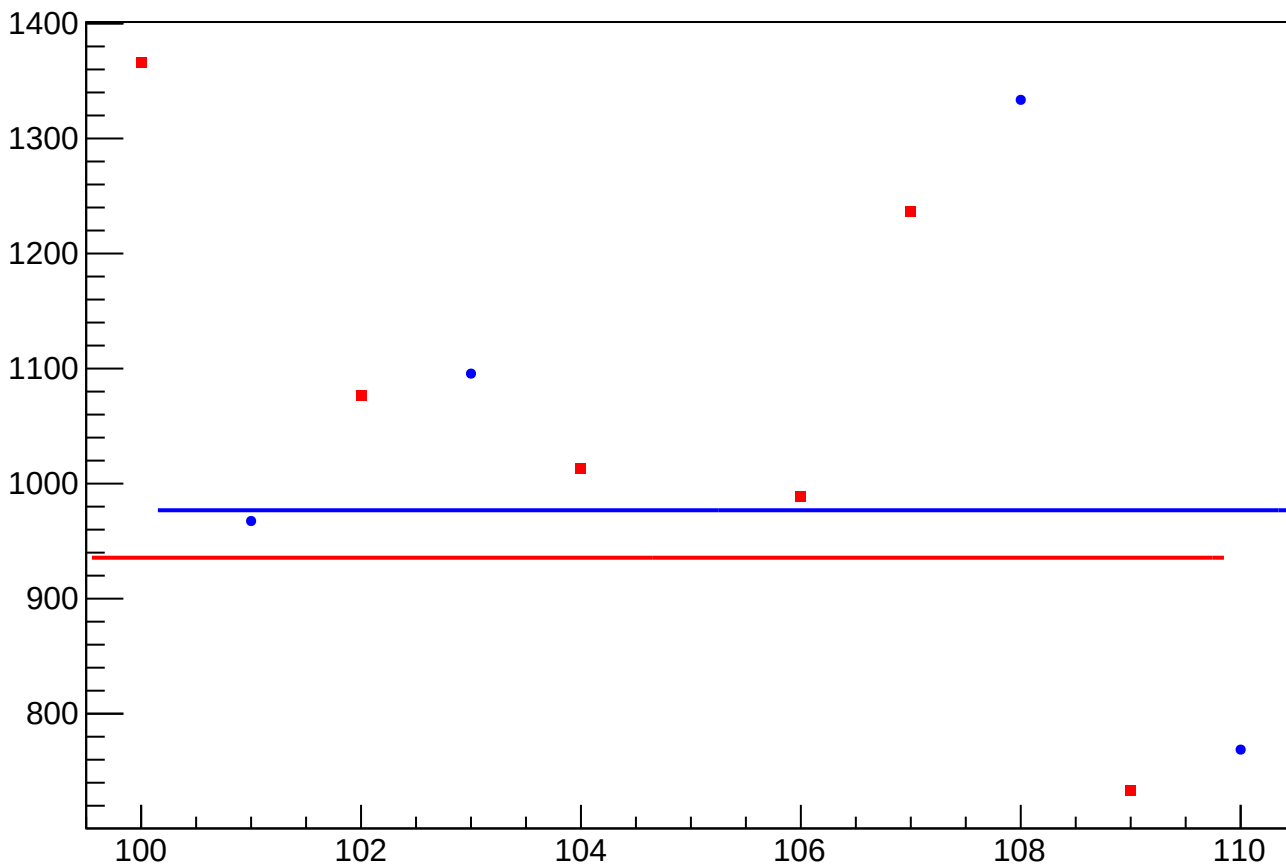
Right: 801.331+/-464.932 χ^2/NDF : 16.4/9

In: 449.778+/-696.274 χ^2/NDF : 9.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 801.331+/-464.932 χ^2/NDF : 16.4/9

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 976.840 $\pm$ 0.492 χ^2 /NDF: 125791.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 935.594 $\pm$ 0.442 χ^2 /NDF: 153689.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

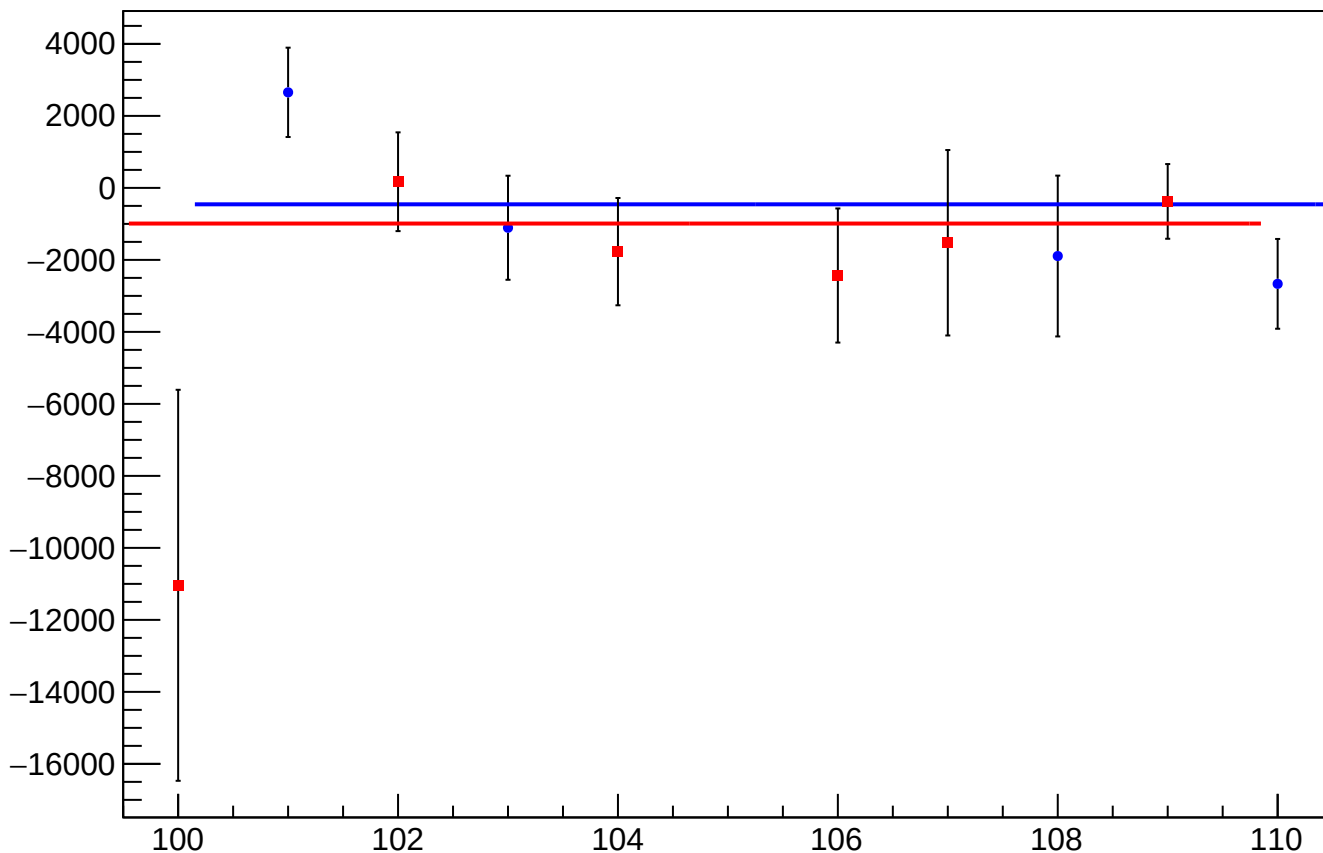
Right: 953.985 $\pm$ 0.329 χ^2 /NDF: 283369.9/9

In: 976.840 $\pm$ 0.492 χ^2 /NDF: 125791.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 953.985 $\pm$ 0.329 χ^2 /NDF: 283369.9/9

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -456.188+/-712.228 χ^2/NDF : 10.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -990.429+/-647.725 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

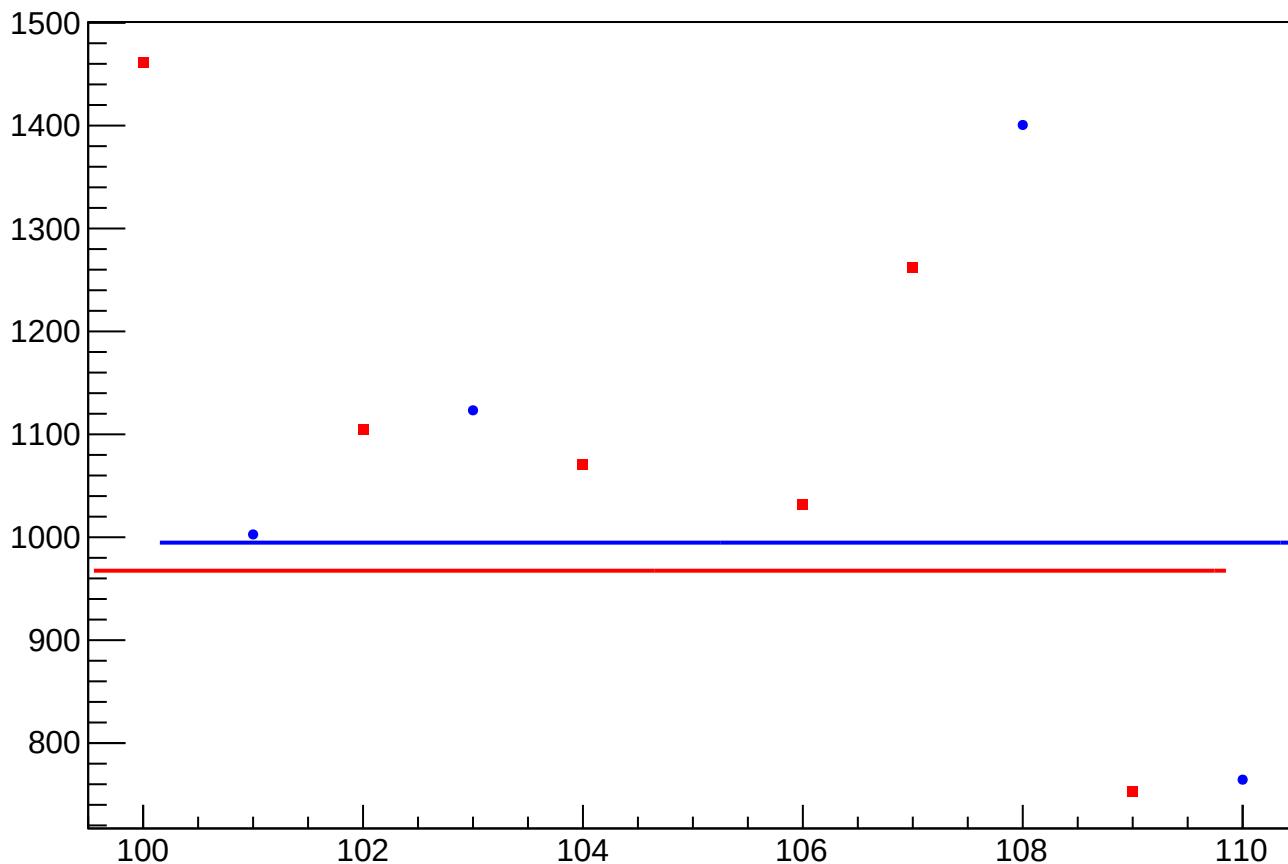
Right: -748.591+/-479.196 χ^2/NDF : 15.8/9

In: -456.188+/-712.228 χ^2/NDF : 10.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -748.591+/-479.196 χ^2/NDF : 15.8/9

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 994.777 $\pm$ 0.504 χ^2 /NDF: 150117.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 967.503 $\pm$ 0.458 χ^2 /NDF: 159752.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

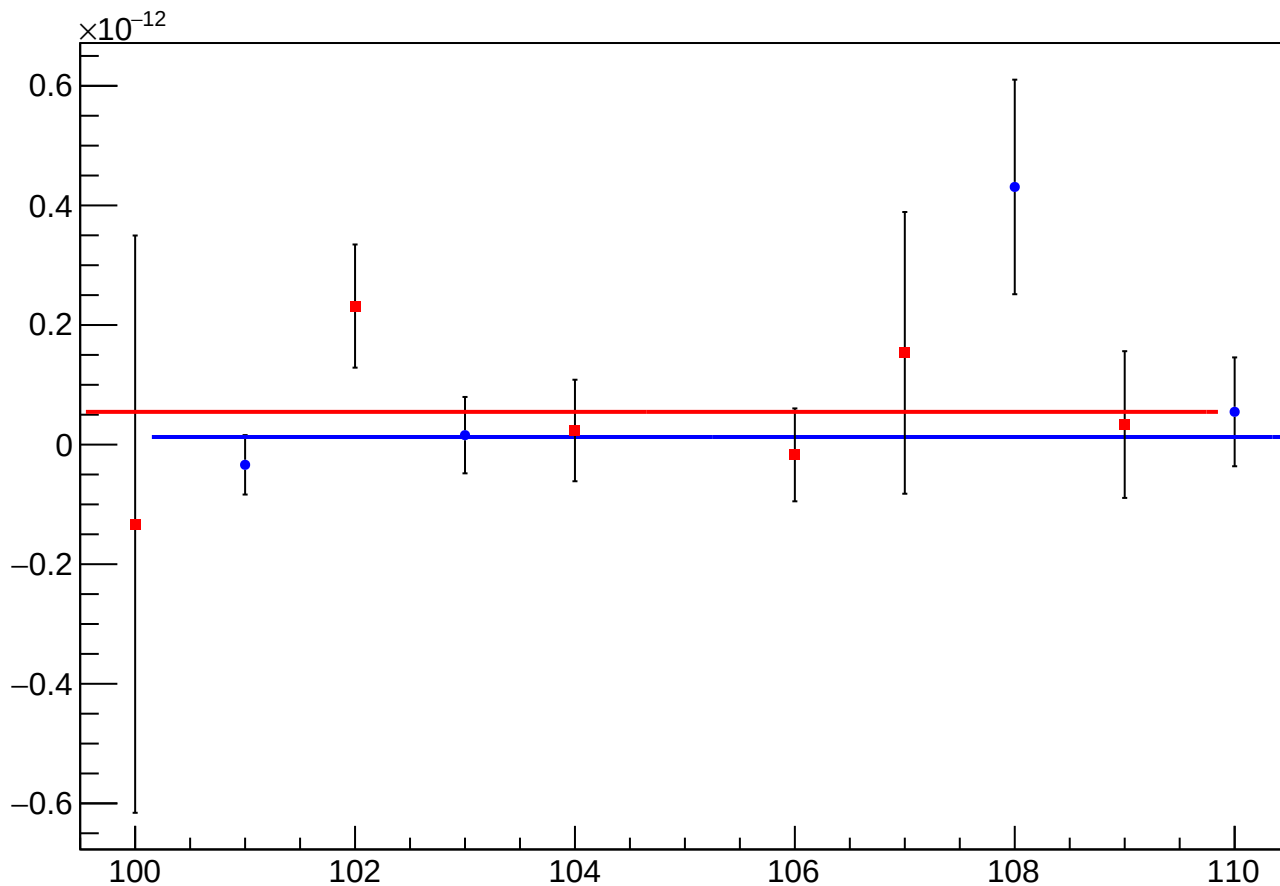
Right: 979.849 $\pm$ 0.339 χ^2 /NDF: 311475.2/9

In: 994.777 $\pm$ 0.504 χ^2 /NDF:150117.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 979.849 $\pm$ 0.339 χ^2 /NDF: 311475.2/9

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

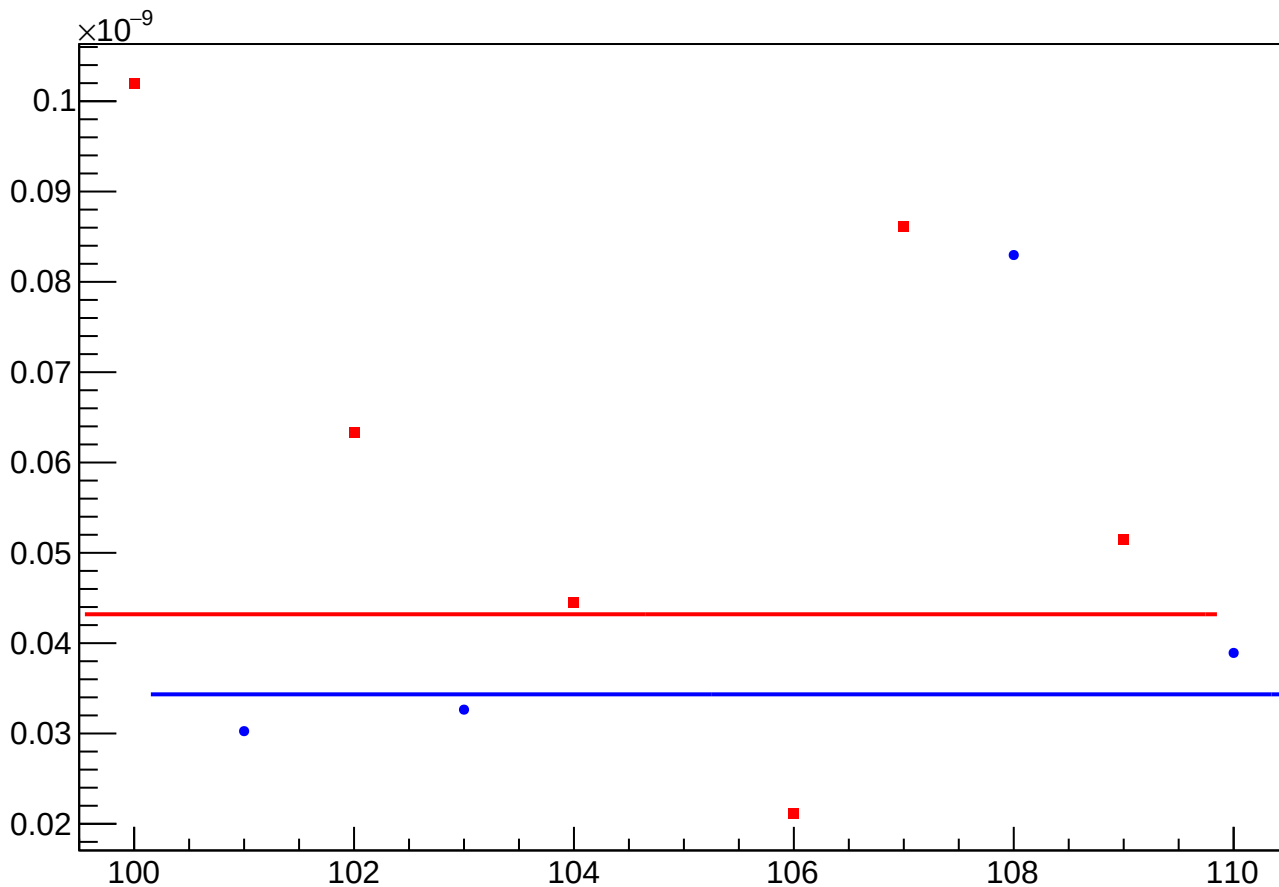
Right: 0.000+/-0.000 χ^2/NDF : 11.4/9

In: 0.000+/-0.000 χ^2/NDF : 6.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.4/9

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 166904.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 342667.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

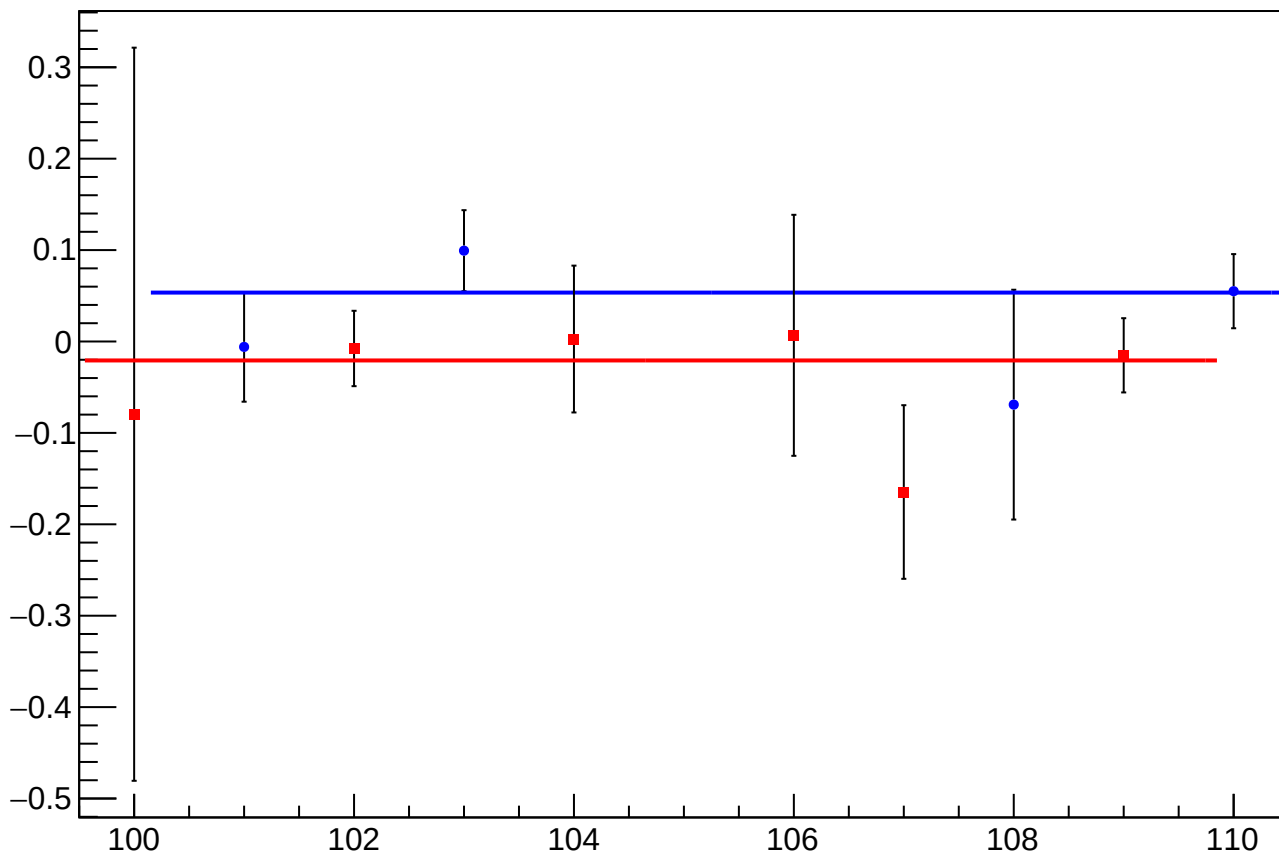
Right: 0.000+/-0.000 χ^2/NDF : 557222.3/9

In: 0.000+/-0.000 χ^2/NDF : 166904.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 557222.3/9

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054 $\pm$ 0.026 χ^2 /NDF: 3.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.026 χ^2 /NDF: 2.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

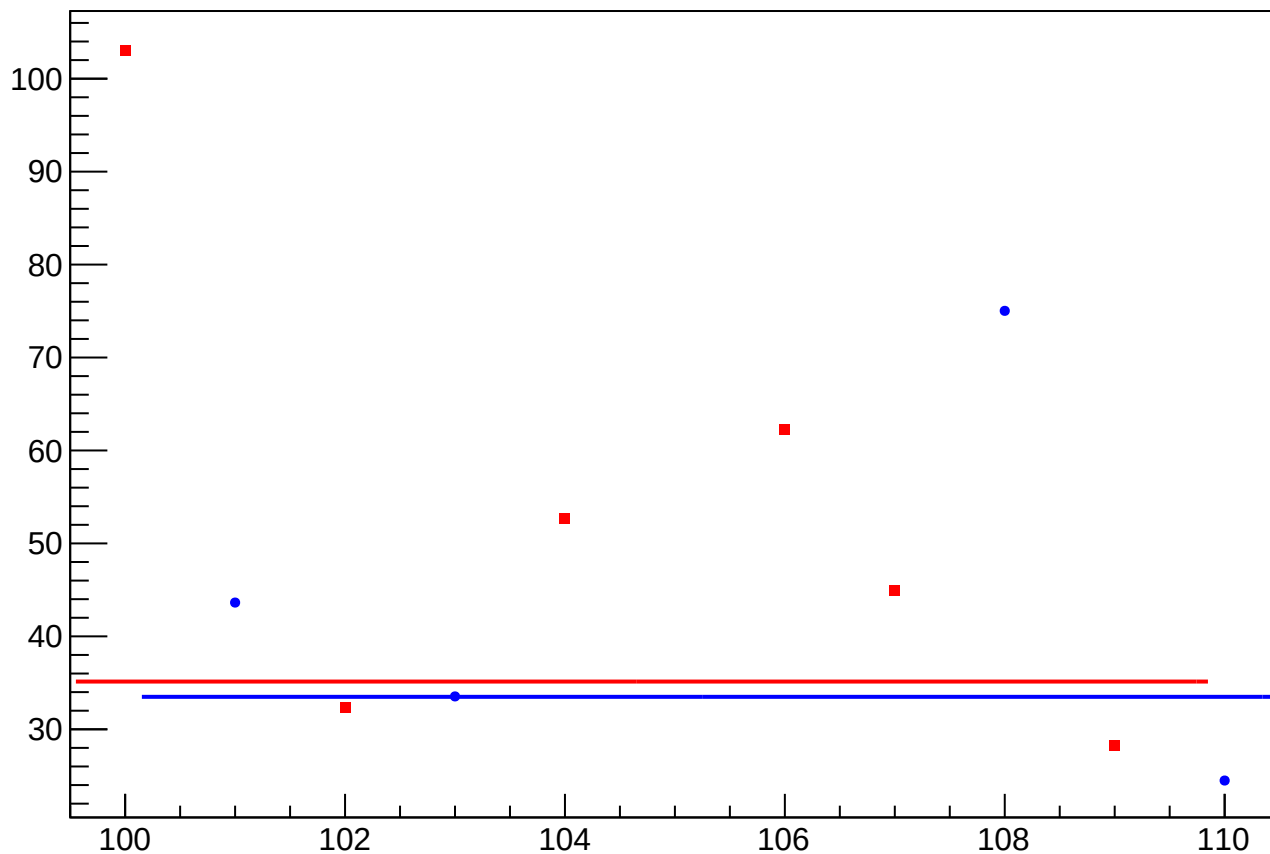
Right: 0.016 $\pm$ 0.018 χ^2 /NDF: 9.7/9

In: 0.054 $\pm$ 0.026 χ^2 /NDF:3.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.018 χ^2 /NDF: 9.7/9

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.493+/-0.019 χ^2/NDF : 374115.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.137+/-0.018 χ^2/NDF : 324690.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

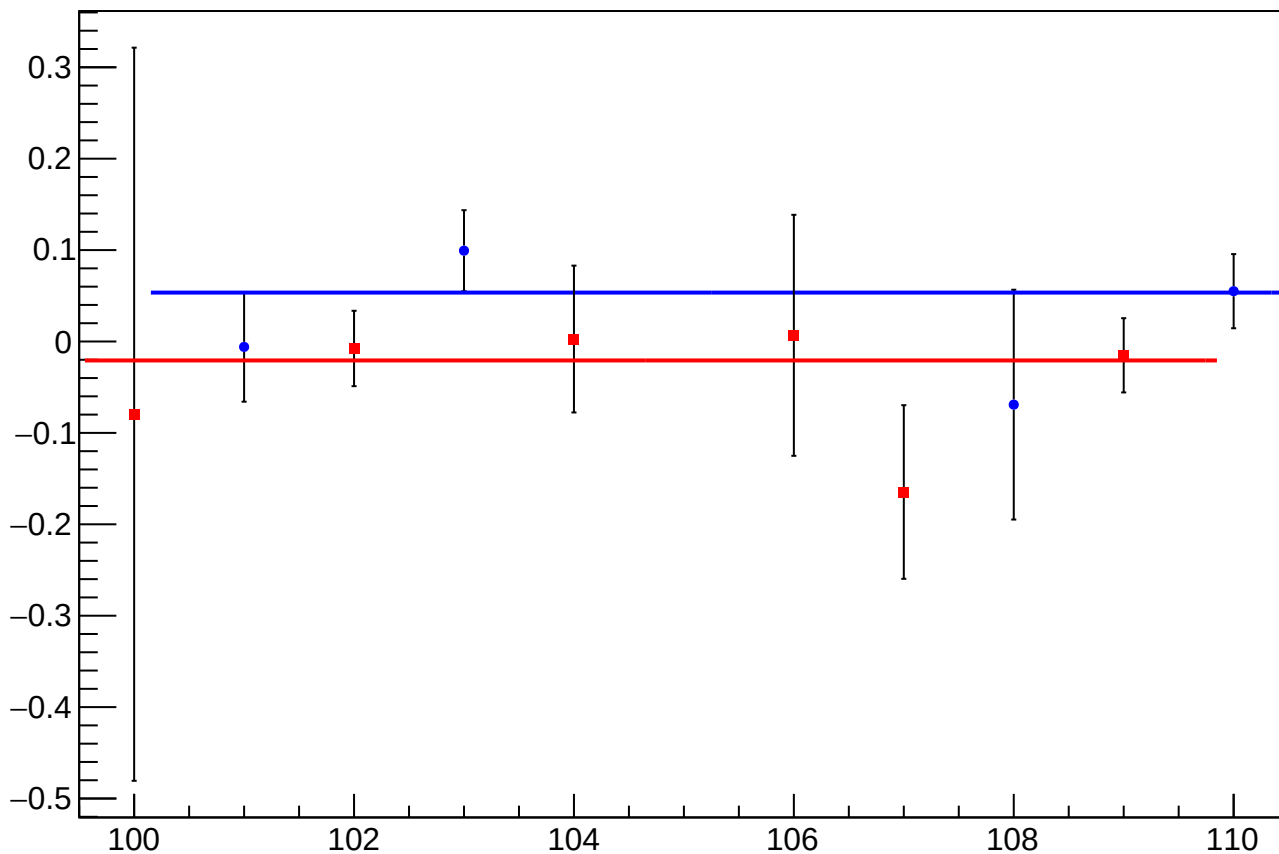
Right: 34.333+/-0.013 χ^2/NDF : 702832.3/9

In: 33.493+/-0.019 χ^2/NDF : 374115.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.333+/-0.013 χ^2/NDF : 702832.3/9

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.026 χ^2/NDF : 3.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.021+/-0.026 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

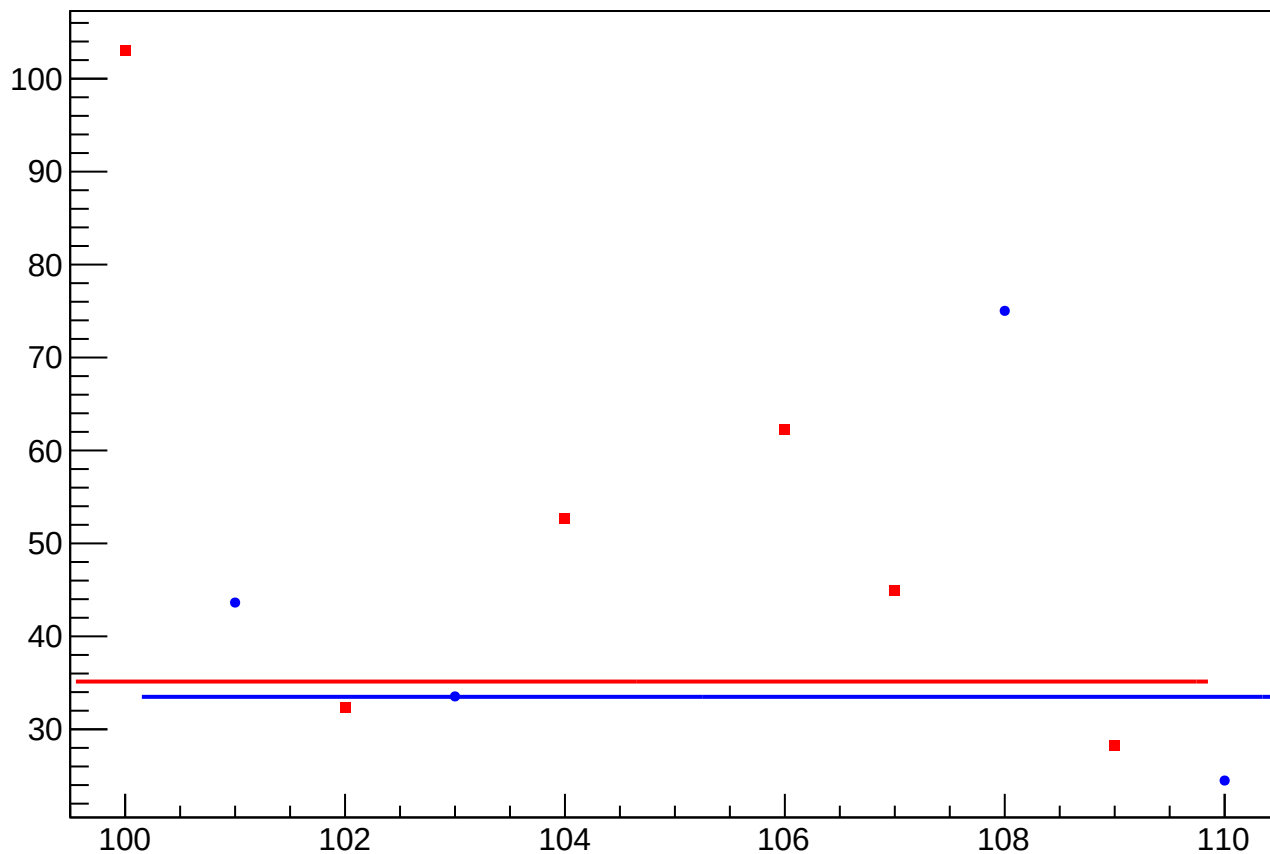
Right: 0.016+/-0.018 χ^2/NDF : 9.7/9

In: 0.054+/-0.026 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.018 χ^2/NDF : 9.7/9

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.493+/-0.019 χ^2/NDF : 374115.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.137+/-0.018 χ^2/NDF : 324690.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

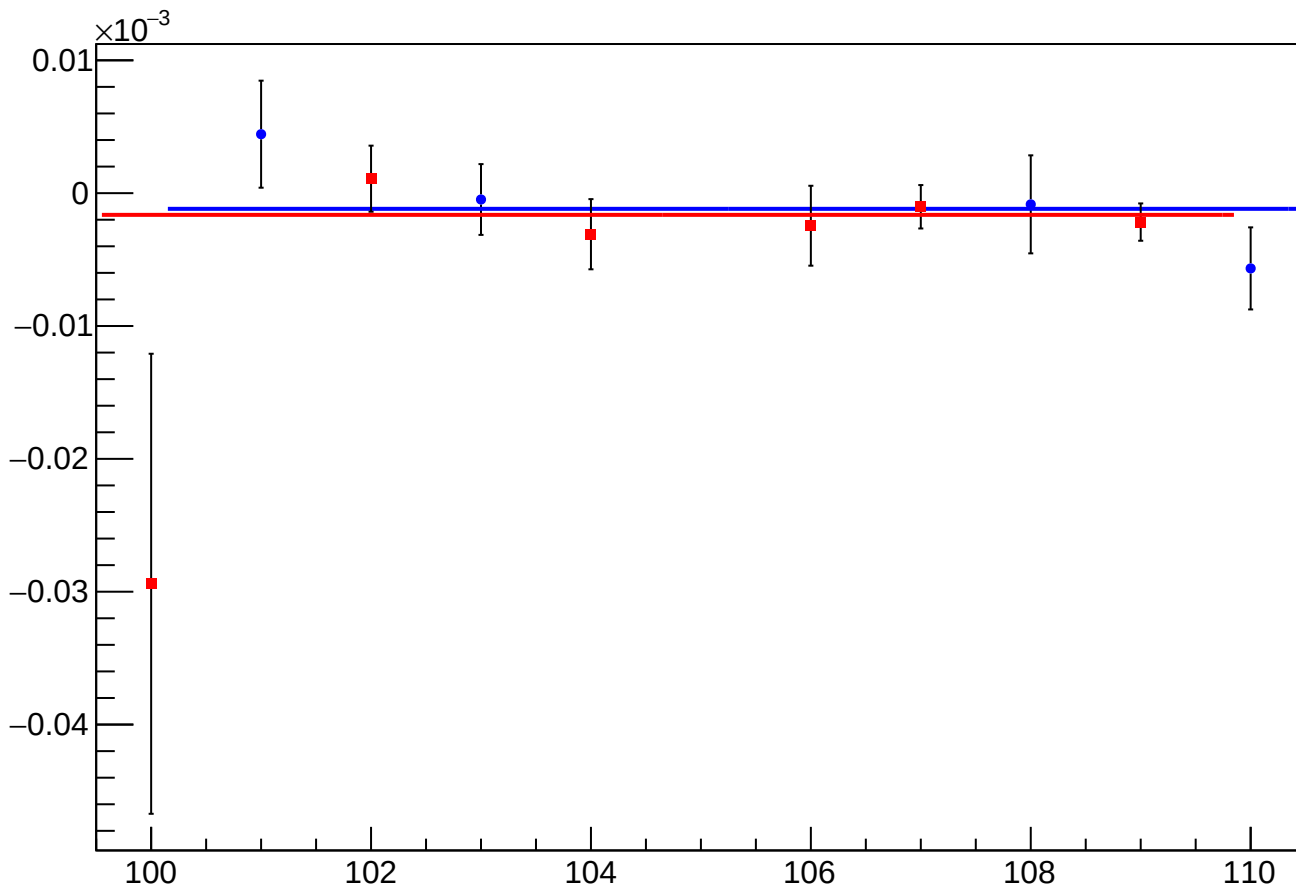
Right: 34.333+/-0.013 χ^2/NDF : 702832.3/9

In: 33.493+/-0.019 χ^2/NDF : 374115.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.333+/-0.013 χ^2/NDF : 702832.3/9

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.1/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 4.4/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

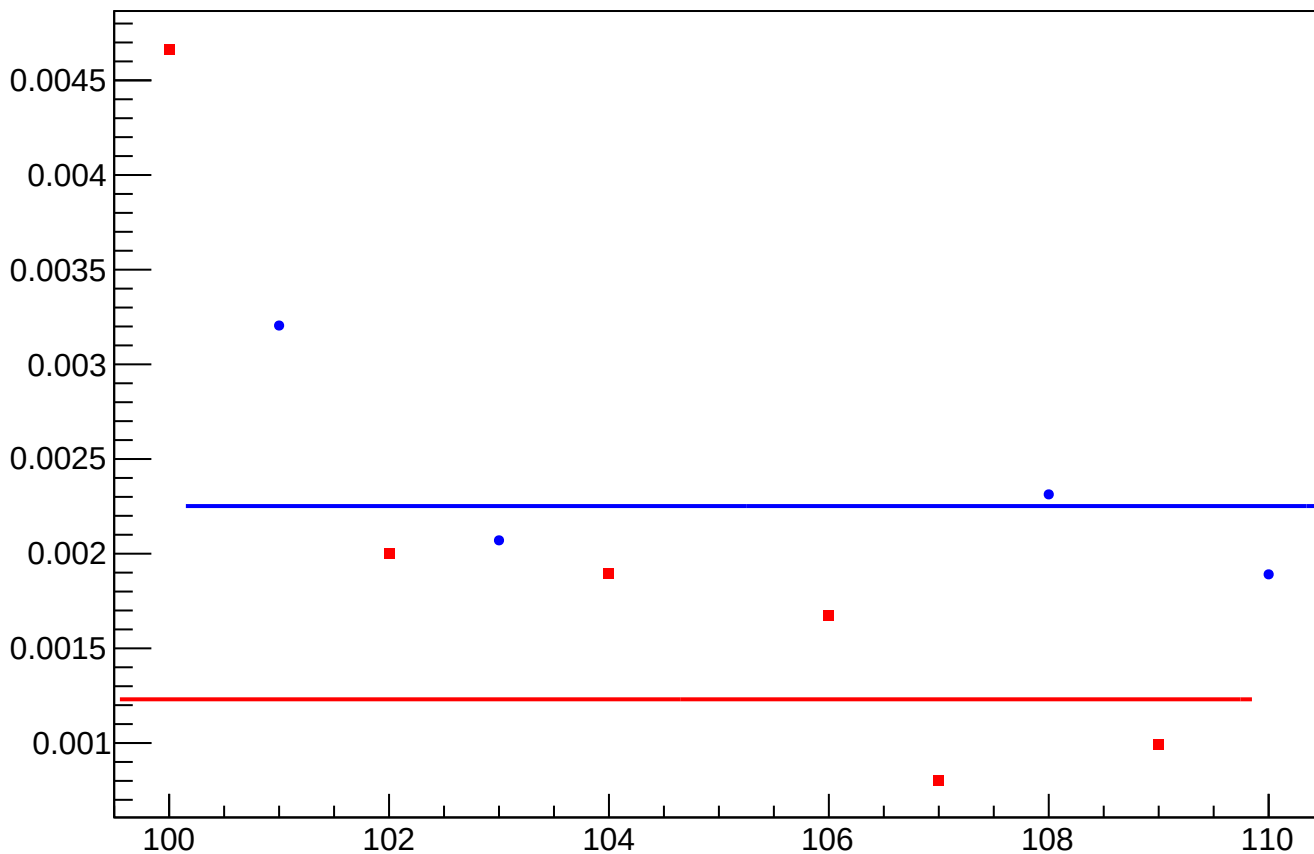
Right: -0.000+/-0.000 χ^2 /NDF: 8.6/9

In: -0.000+/-0.000 χ^2 /NDF:4.1/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.6/9

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 149088.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 636509.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

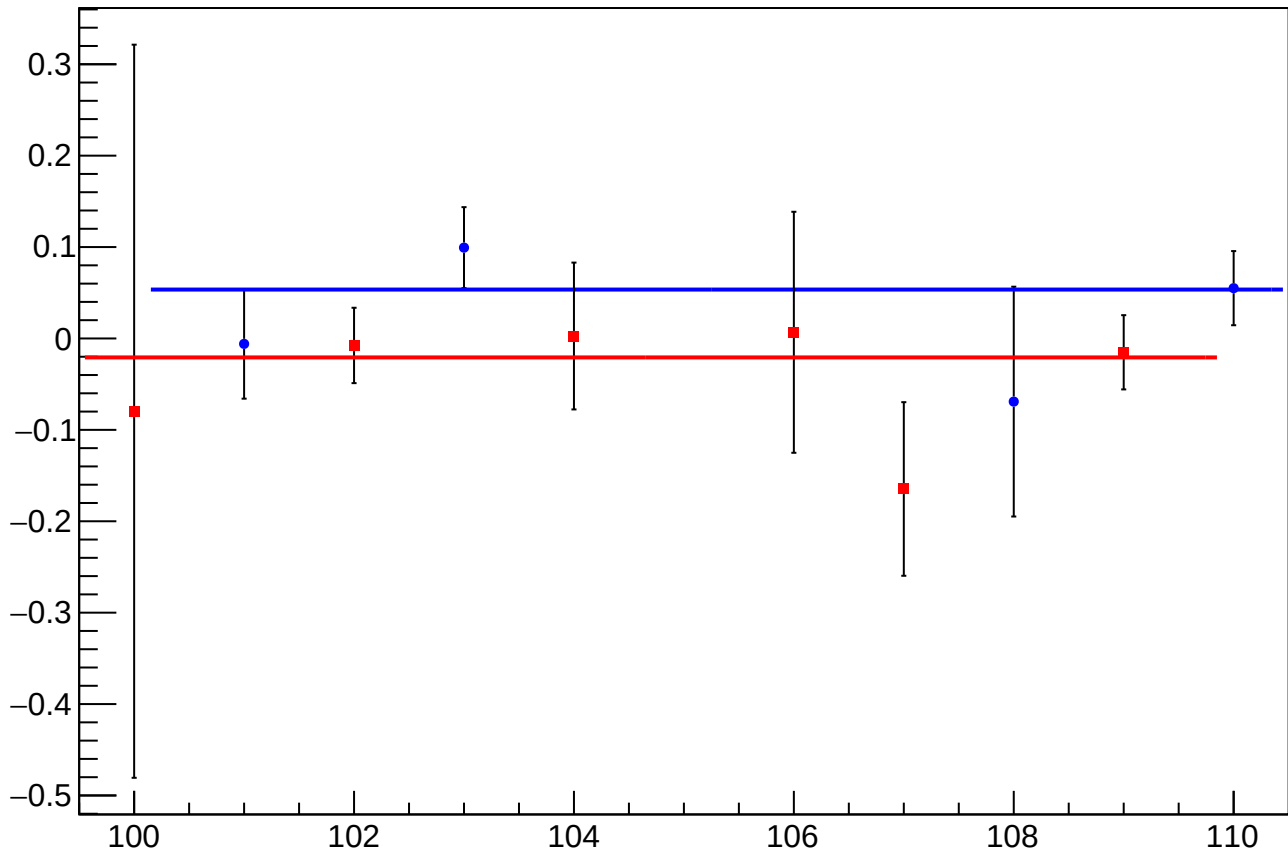
Right: 0.001+/-0.000 χ^2/NDF : 1399197.8/9

In: 0.002+/-0.000 χ^2/NDF : 149088.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1399197.8/9

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.026 χ^2/NDF : 3.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.021+/-0.026 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

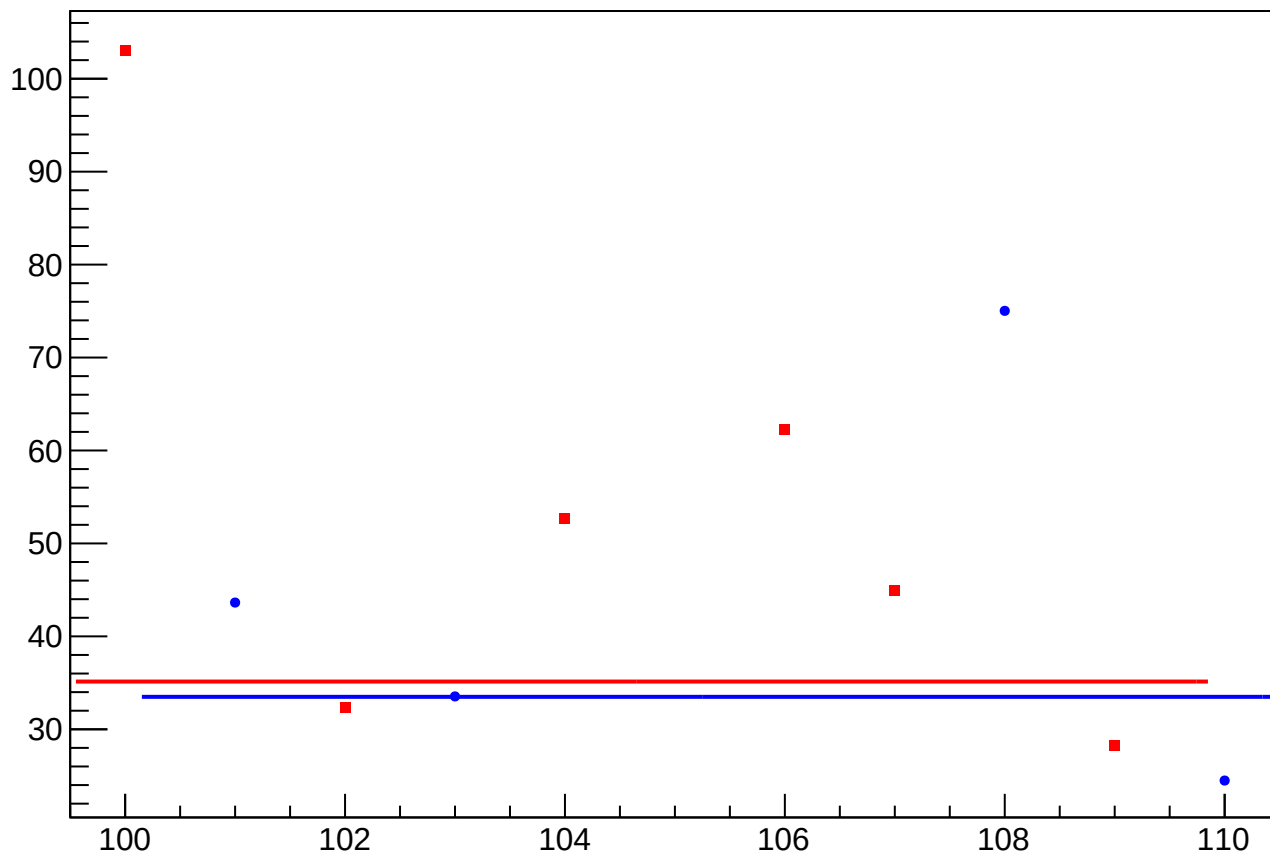
Right: 0.016+/-0.018 χ^2/NDF : 9.7/9

In: 0.054+/-0.026 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.018 χ^2/NDF : 9.7/9

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.494 ± 0.019 $\chi^2/\text{NDF}: 374140.8/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 35.138 ± 0.018 $\chi^2/\text{NDF}: 324693.5/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

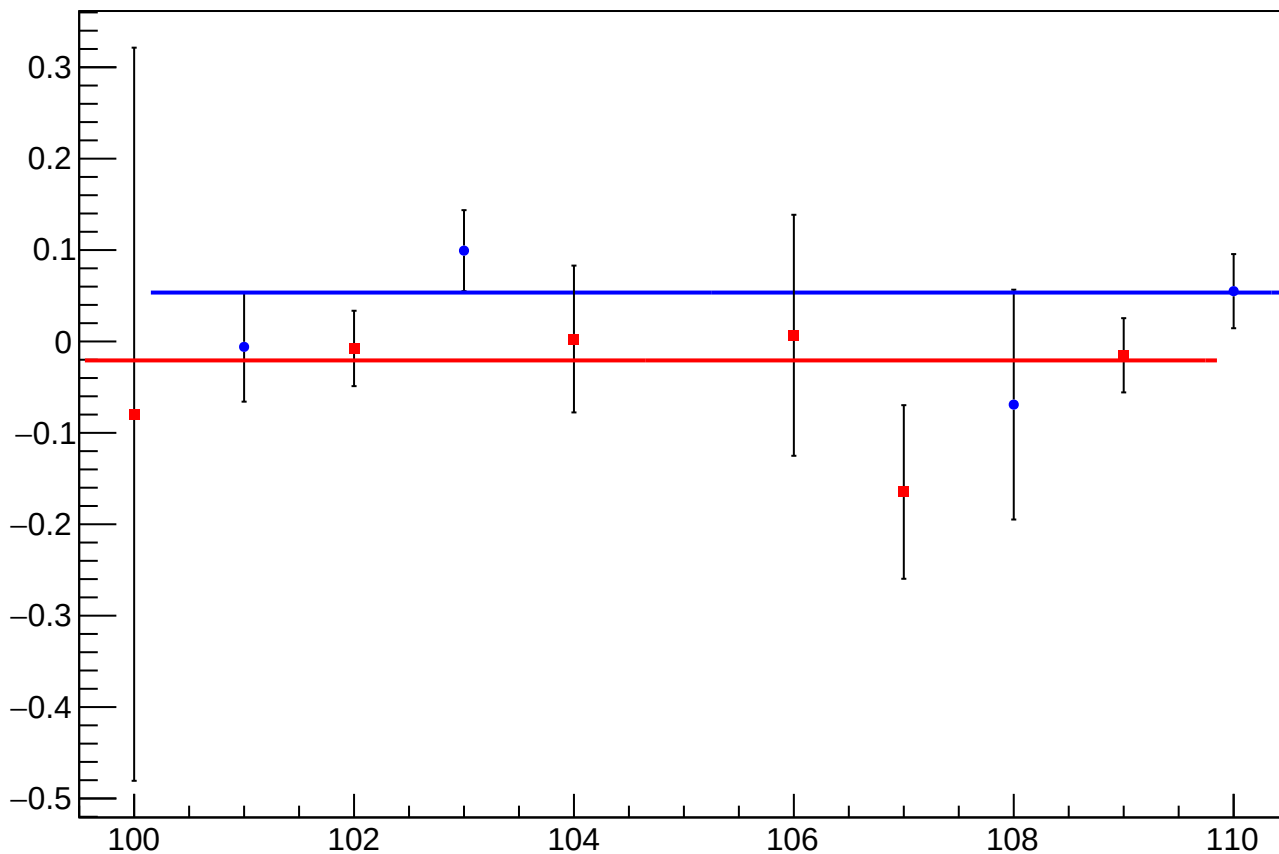
Right: 34.334 ± 0.013 $\chi^2/\text{NDF}: 702862.6/9$

In: 33.494 ± 0.019 $\chi^2/\text{NDF}: 374140.8/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 34.334 ± 0.013 $\chi^2/\text{NDF}: 702862.6/9$

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.026 χ^2/NDF : 3.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.021+/-0.026 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

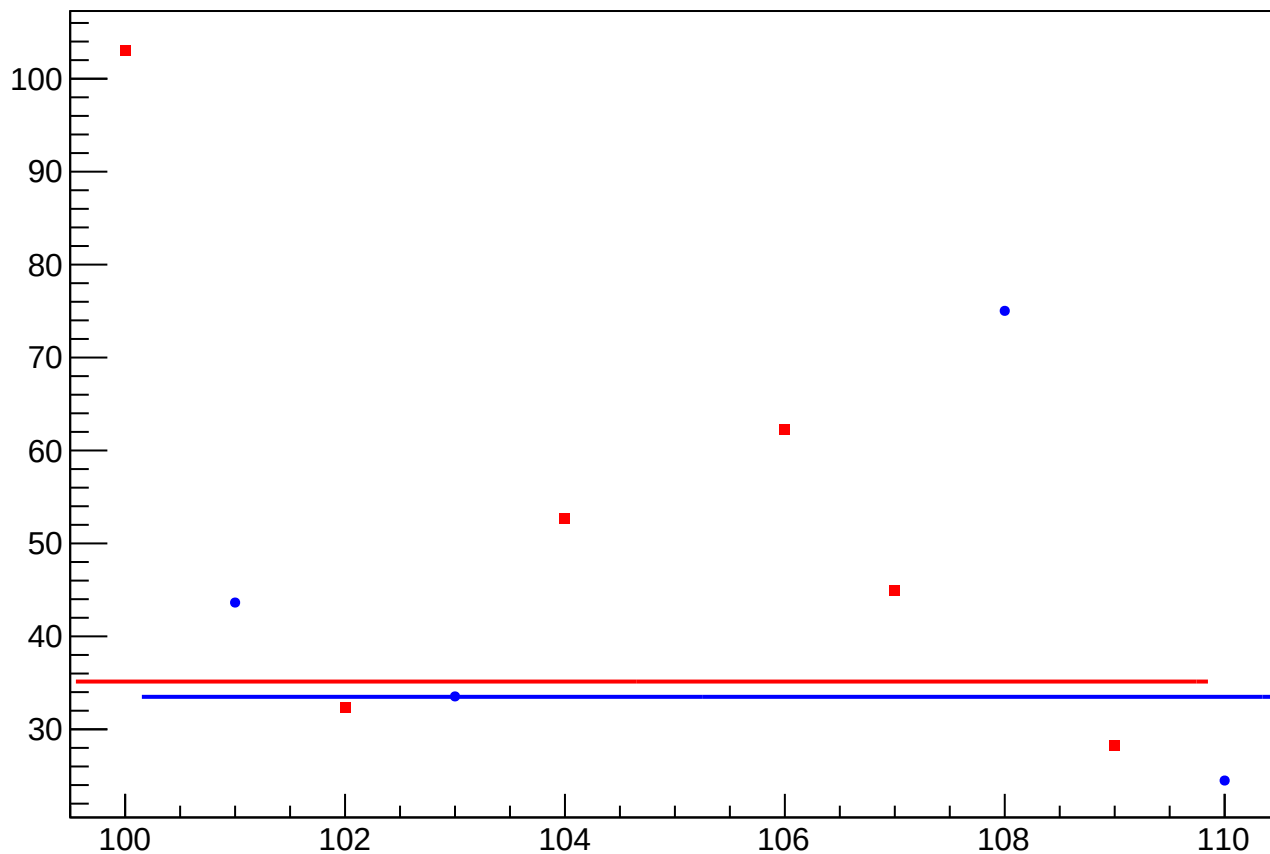
Right: 0.016+/-0.018 χ^2/NDF : 9.7/9

In: 0.054+/-0.026 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.018 χ^2/NDF : 9.7/9

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.494+/-0.019 χ^2/NDF : 374140.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.138+/-0.018 χ^2/NDF : 324693.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

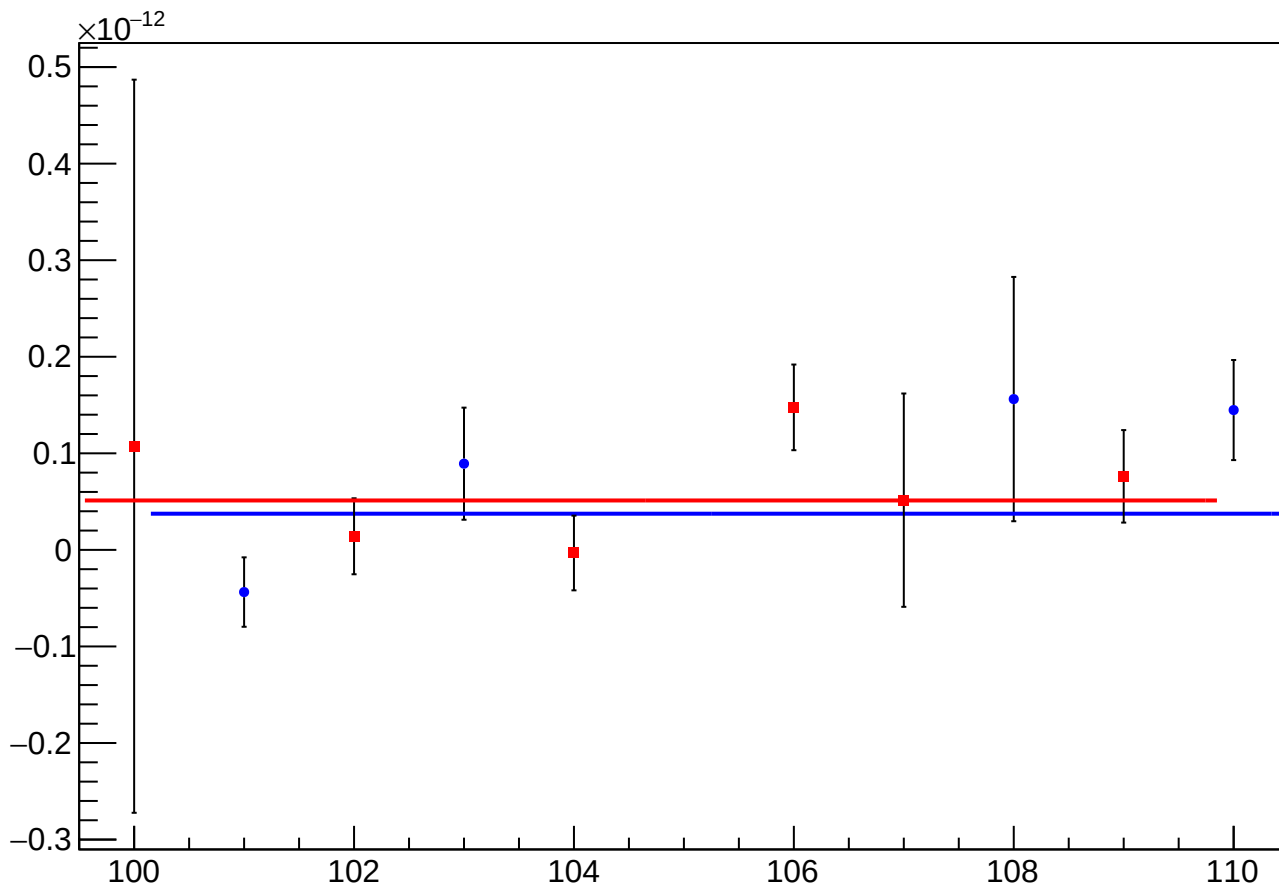
Right: 34.334+/-0.013 χ^2/NDF : 702862.6/9

In: 33.494+/-0.019 χ^2/NDF : 374140.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.334+/-0.013 χ^2/NDF : 702862.6/9

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

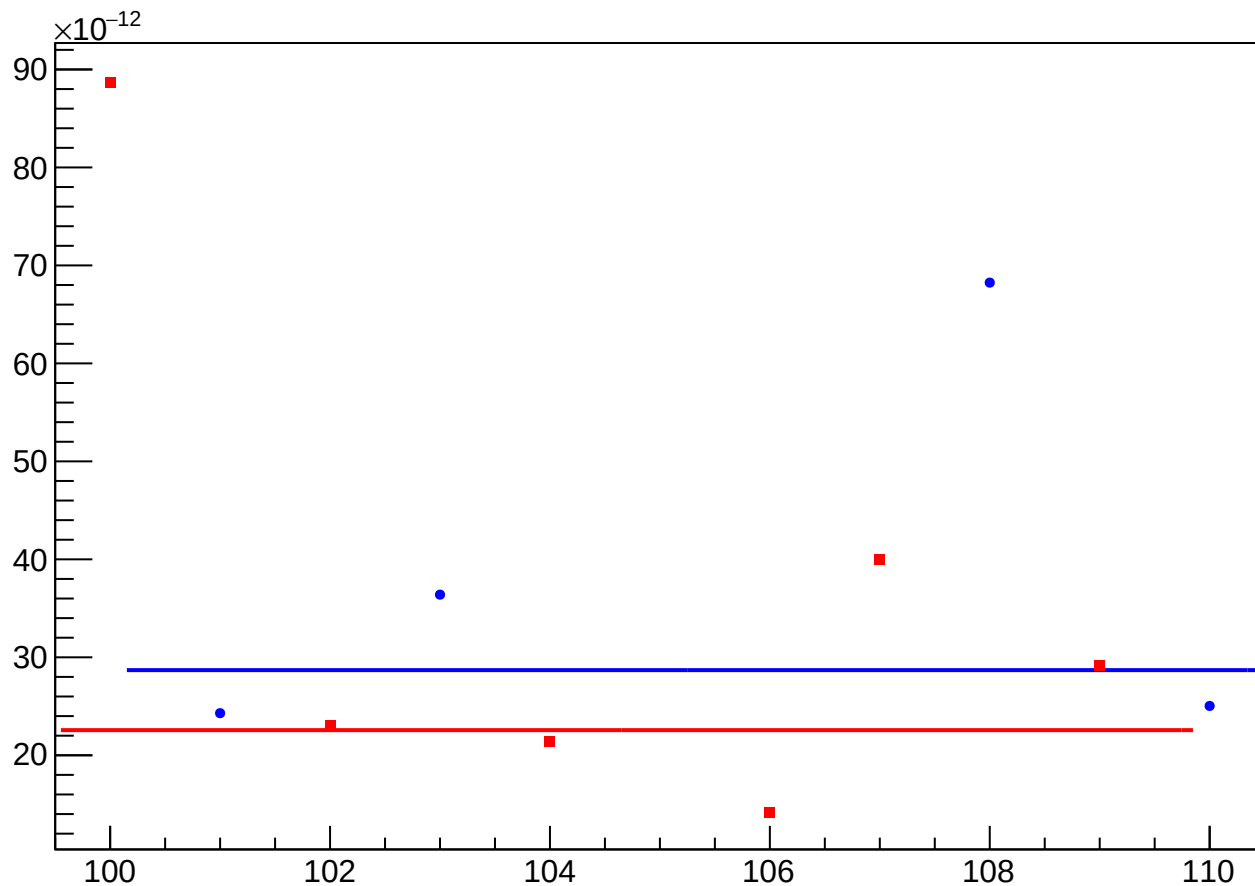
Right: 0.000+/-0.000 χ^2/NDF : 19.1/9

In: 0.000+/-0.000 χ^2/NDF : 11.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.1/9

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 270550.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 222805.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

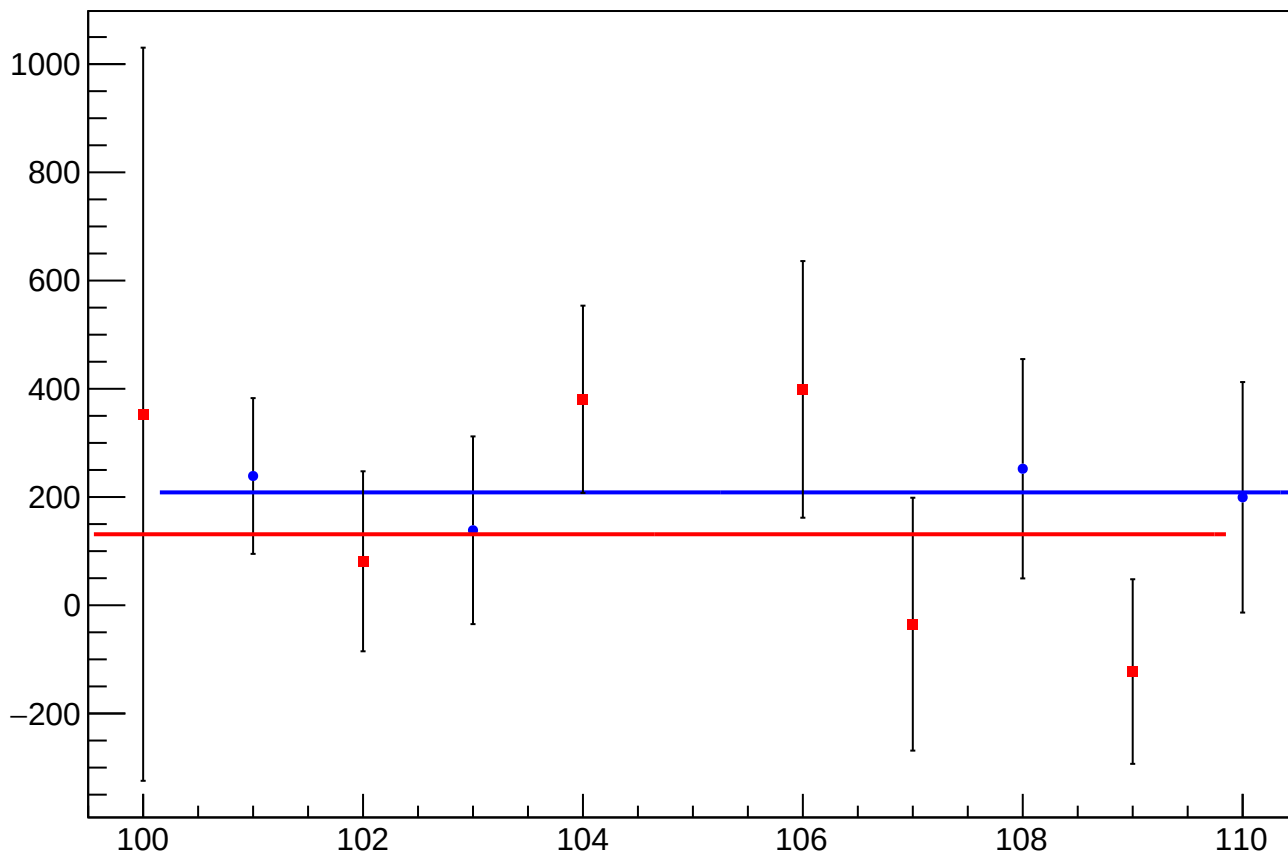
Right: 0.000+/-0.000 χ^2/NDF : 562173.7/9

In: 0.000+/-0.000 χ^2/NDF : 270550.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 562173.7/9

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 208.567 $\pm$ 88.420 χ^2 /NDF: 0.3/3

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 131.203 $\pm$ 83.864 χ^2 /NDF: 6.3/5

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

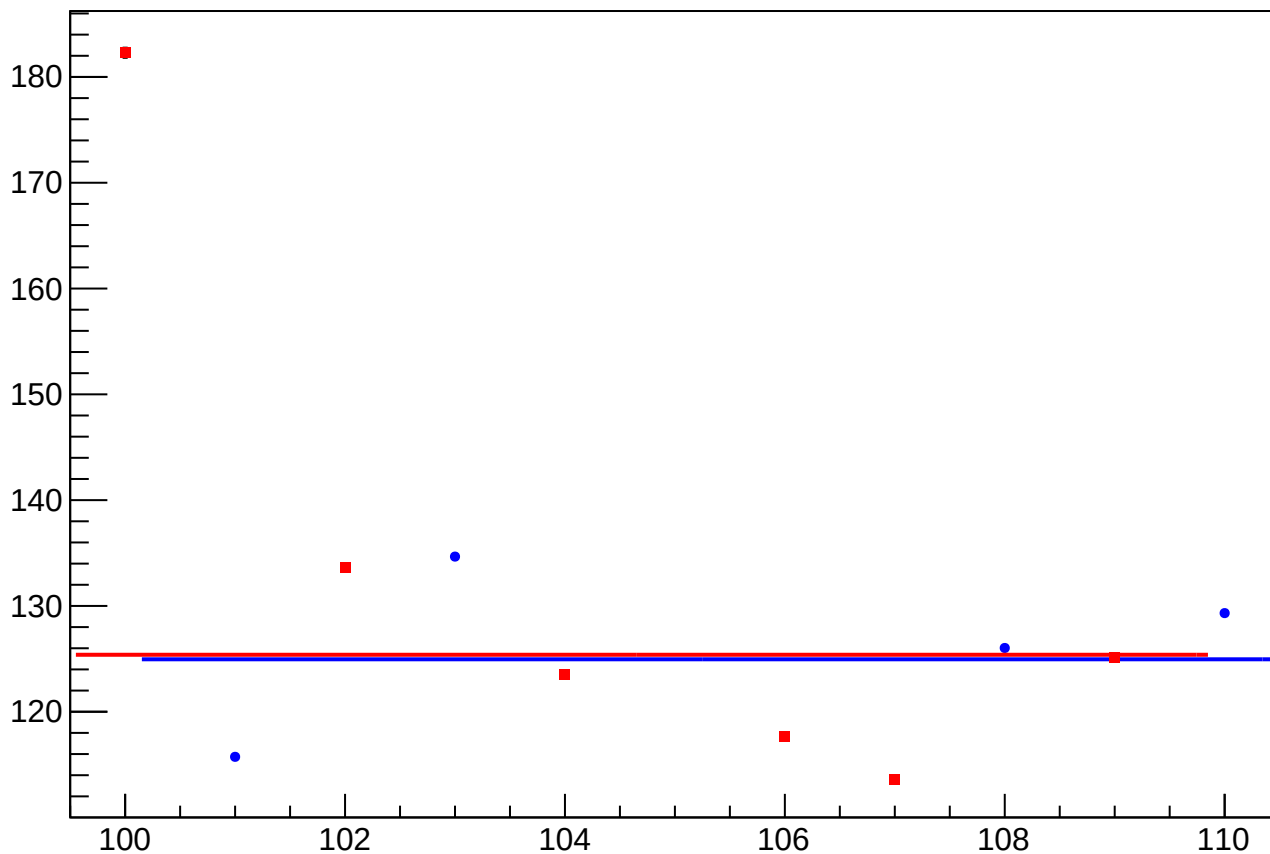
Right: 167.840 $\pm$ 60.848 χ^2 /NDF: 6.9/9

In: 208.567 $\pm$ 88.420 χ^2 /NDF:0.3/3

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 167.840 $\pm$ 60.848 χ^2 /NDF: 6.9/9

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 124.956+/-0.063 χ^2/NDF : 15366.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.385+/-0.059 χ^2/NDF : 26449.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

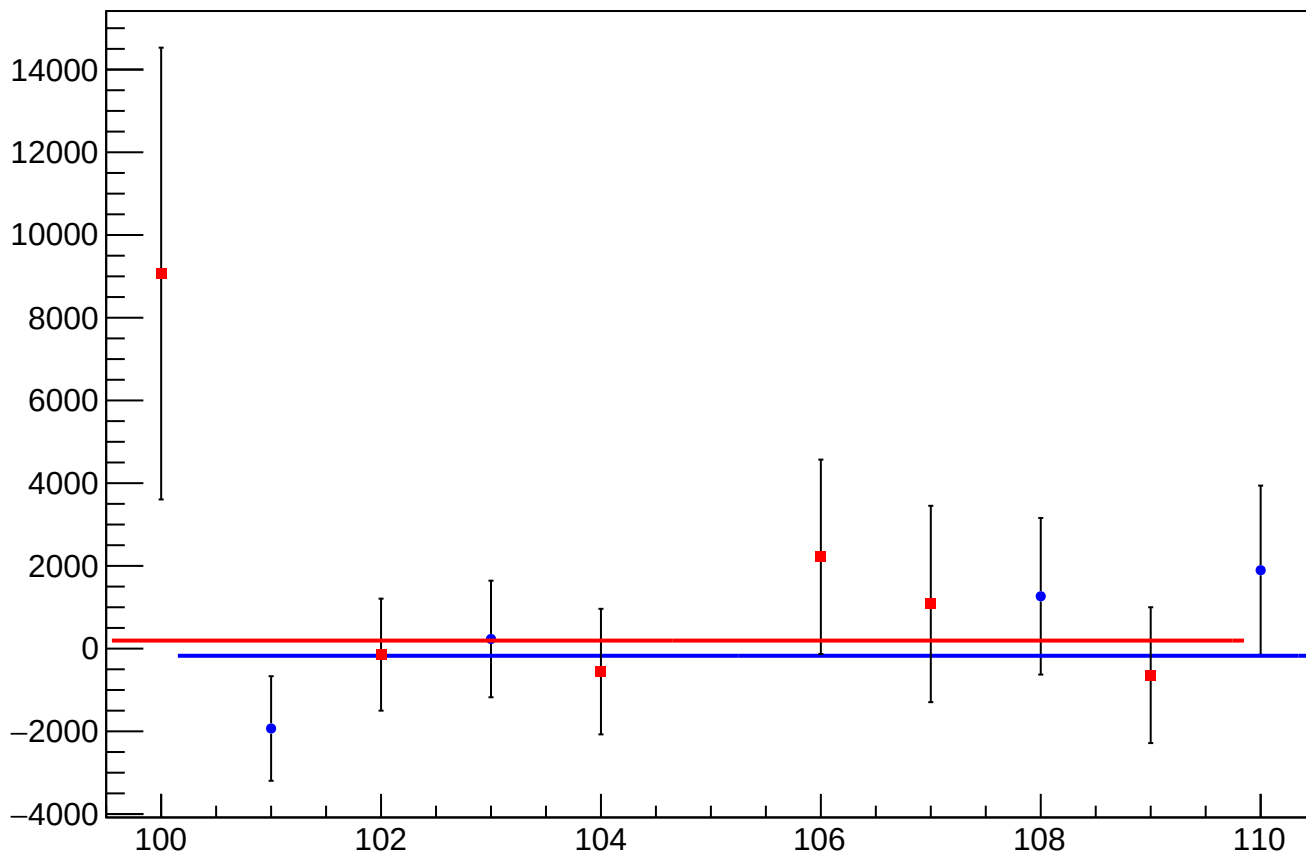
Right: 125.182+/-0.043 χ^2/NDF : 41840.1/9

In: 124.956+/-0.063 χ^2/NDF : 15366.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.182+/-0.043 χ^2/NDF : 41840.1/9

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -172.973+/-779.258 χ^2/NDF : 3.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 194.396+/-757.550 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

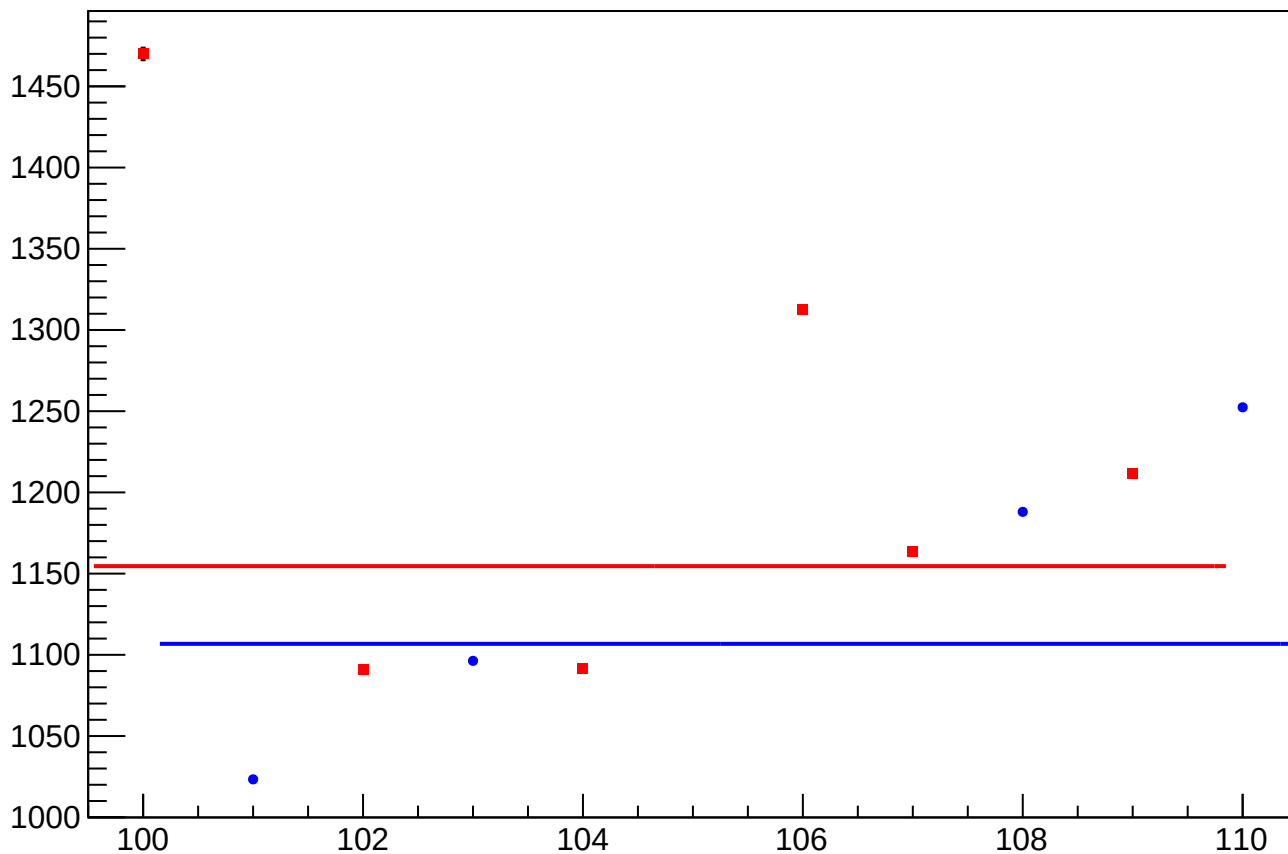
Right: 15.900+/-543.181 χ^2/NDF : 7.8/9

In: -172.973+/-779.258 χ^2/NDF : 3.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.900+/-543.181 χ^2/NDF : 7.8/9

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1106.770+/-0.551 χ^2 /NDF: 22635.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1154.620+/-0.536 χ^2 /NDF: 26036.4/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

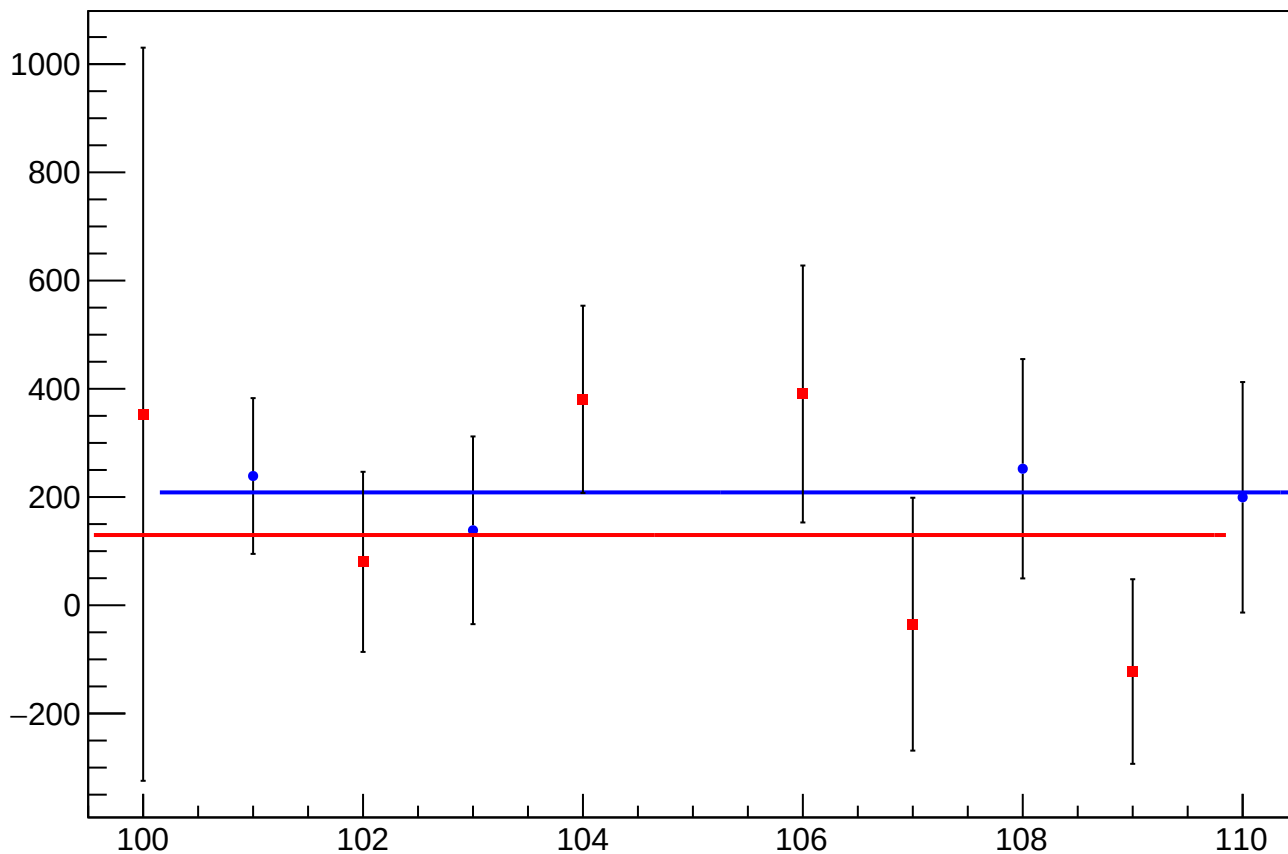
Right: 1131.371+/-0.384 χ^2 /NDF: 52549.4/9

In: 1106.770+/-0.551 χ^2 /NDF:22635.9/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1131.371+/-0.384 χ^2 /NDF: 52549.4/9

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 208.553 +/- 88.420 χ^2/NDF : 0.3/3

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 129.802 +/- 83.887 χ^2/NDF : 6.2/5

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

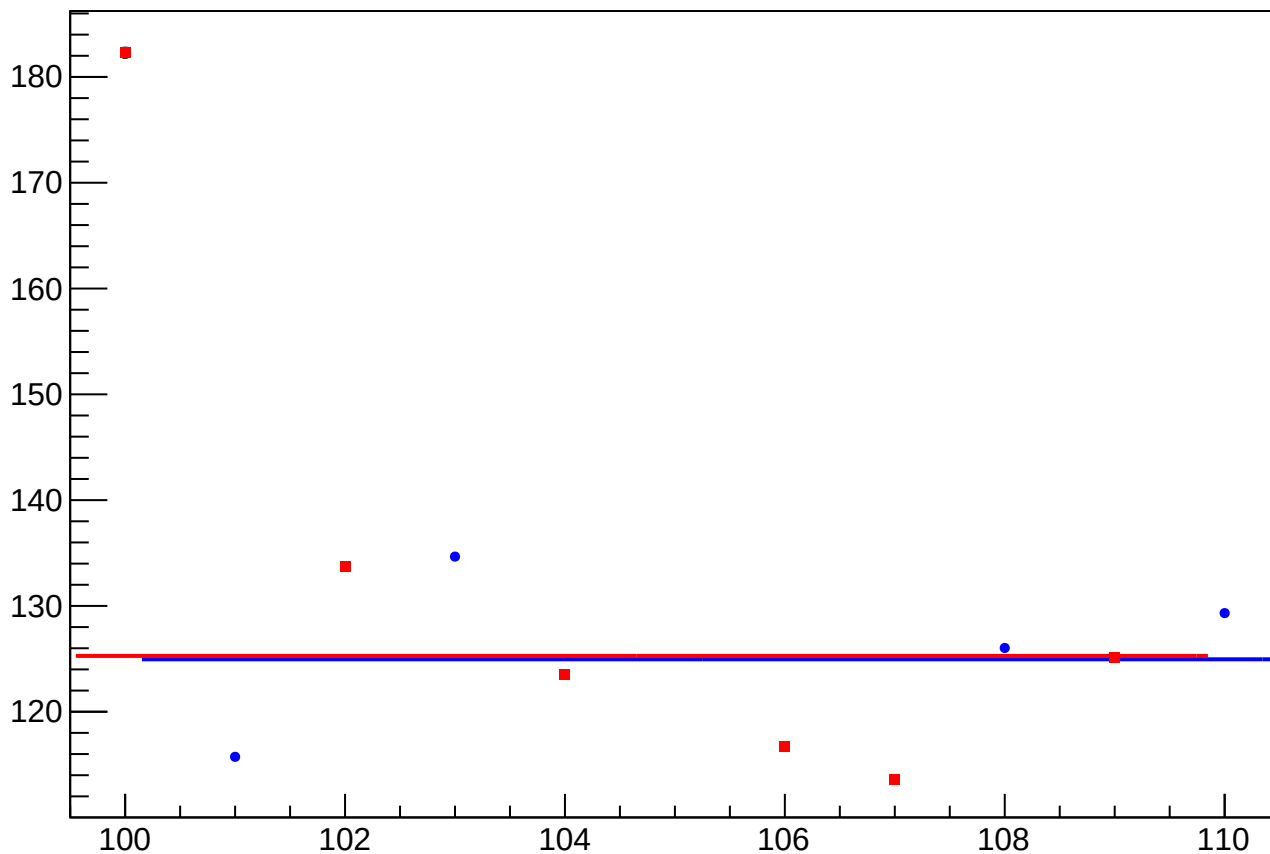
Right: 167.108 +/- 60.857 χ^2/NDF : 6.9/9

In: 208.553 +/- 88.420 χ^2/NDF : 0.3/3

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 167.108 +/- 60.857 χ^2/NDF : 6.9/9

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 124.957+/-0.063 χ^2/NDF : 15366.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.277+/-0.059 χ^2/NDF : 27110.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

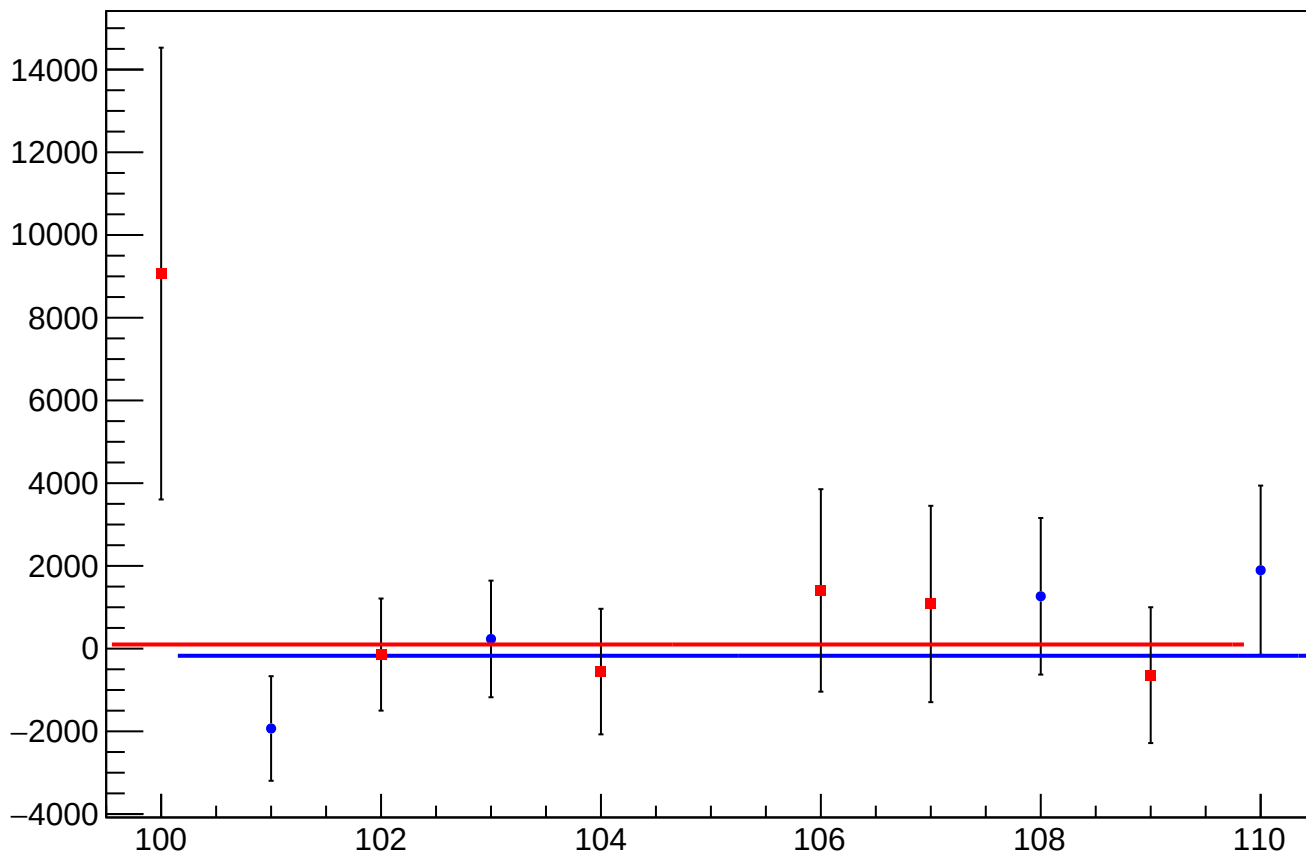
Right: 125.125+/-0.043 χ^2/NDF : 42490.9/9

In: 124.957+/-0.063 χ^2/NDF : 15366.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.125+/-0.043 χ^2/NDF : 42490.9/9

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -172.785+/-779.272 χ^2/NDF : 3.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.030+/-760.835 χ^2/NDF : 3.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

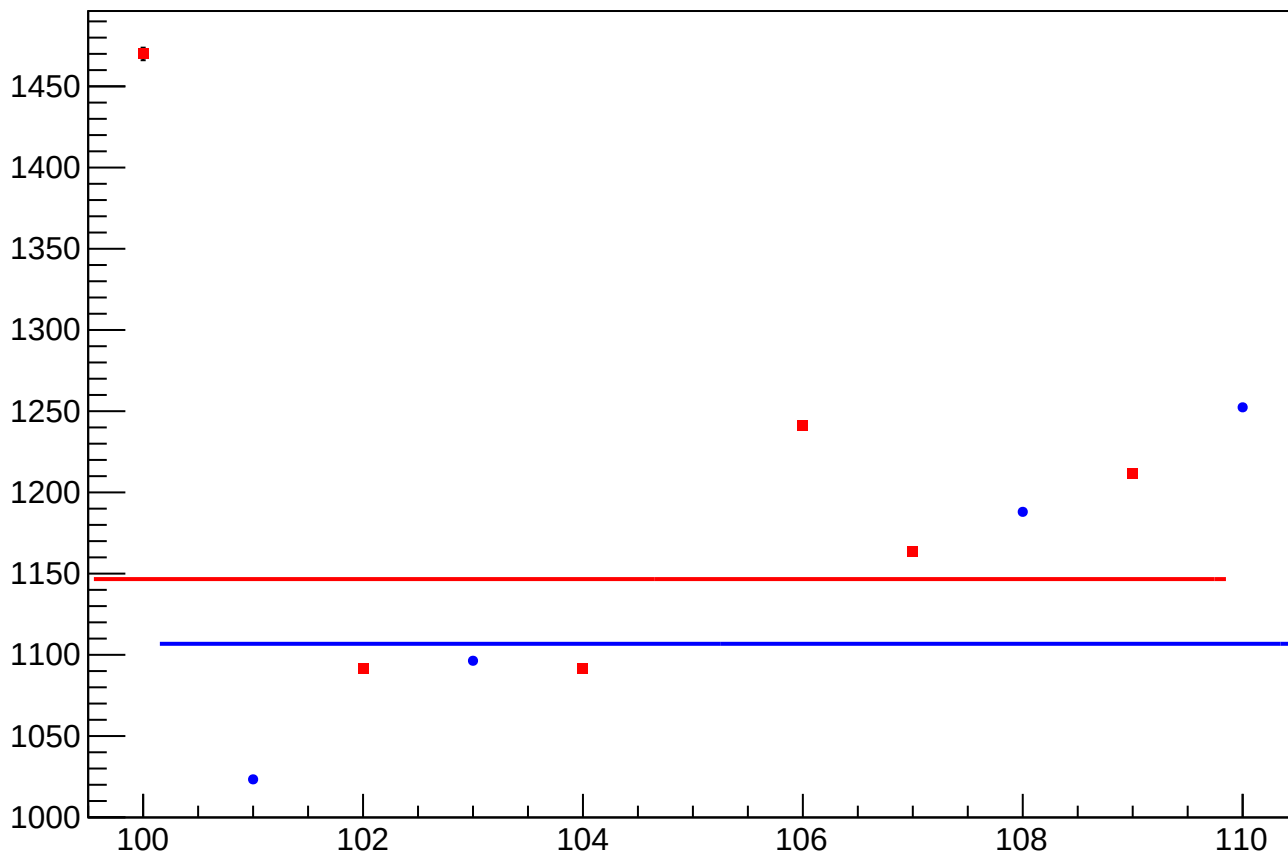
Right: -33.112+/-544.393 χ^2/NDF : 7.3/9

In: -172.785+/-779.272 χ^2/NDF : 3.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.112+/-544.393 χ^2/NDF : 7.3/9

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1106.788+/-0.551 χ^2/NDF : 22634.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1146.635+/-0.538 χ^2/NDF : 19110.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

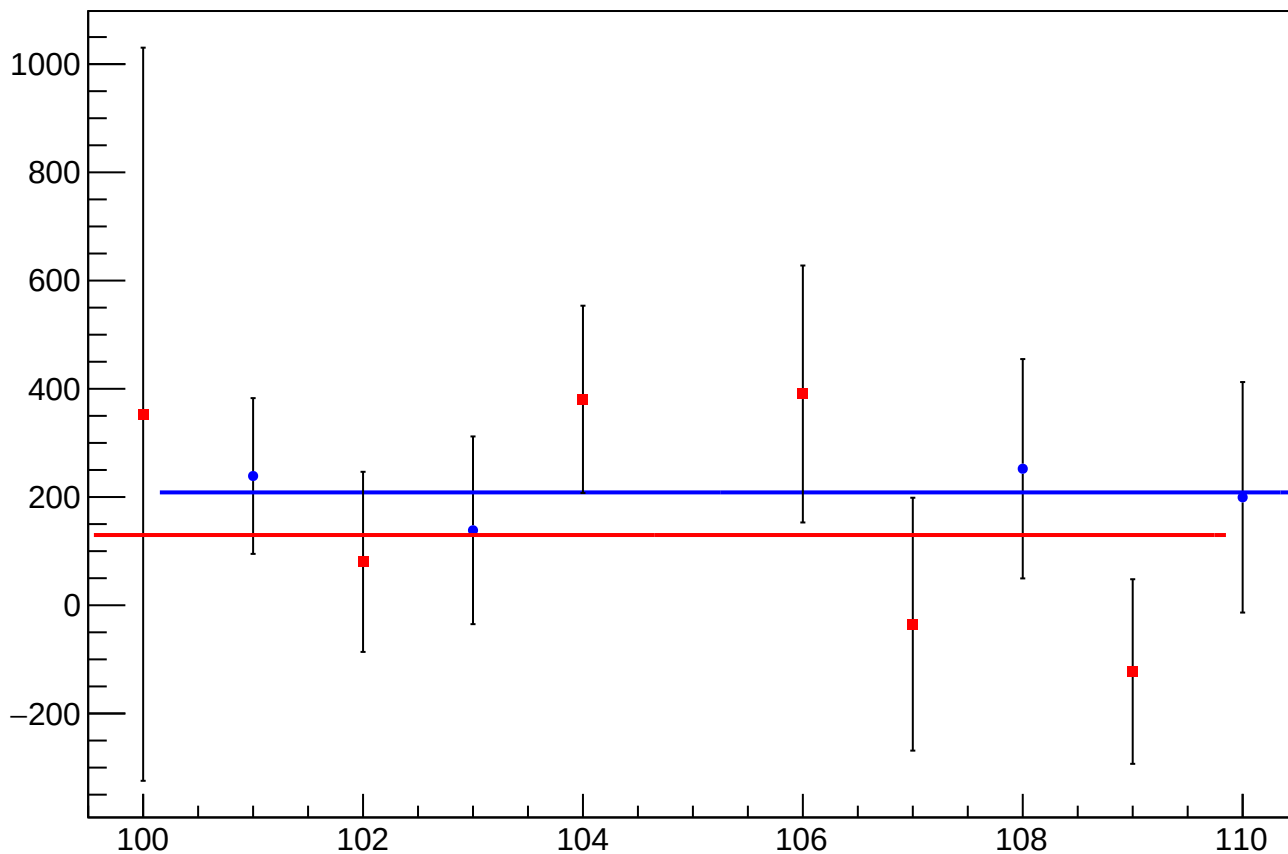
Right: 1127.188+/-0.385 χ^2/NDF : 44421.5/9

In: 1106.788+/-0.551 χ^2/NDF : 22634.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.188+/-0.385 χ^2/NDF : 44421.5/9

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 208.553 $\pm$ 88.420 χ^2 /NDF: 0.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.802 $\pm$ 83.887 χ^2 /NDF: 6.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

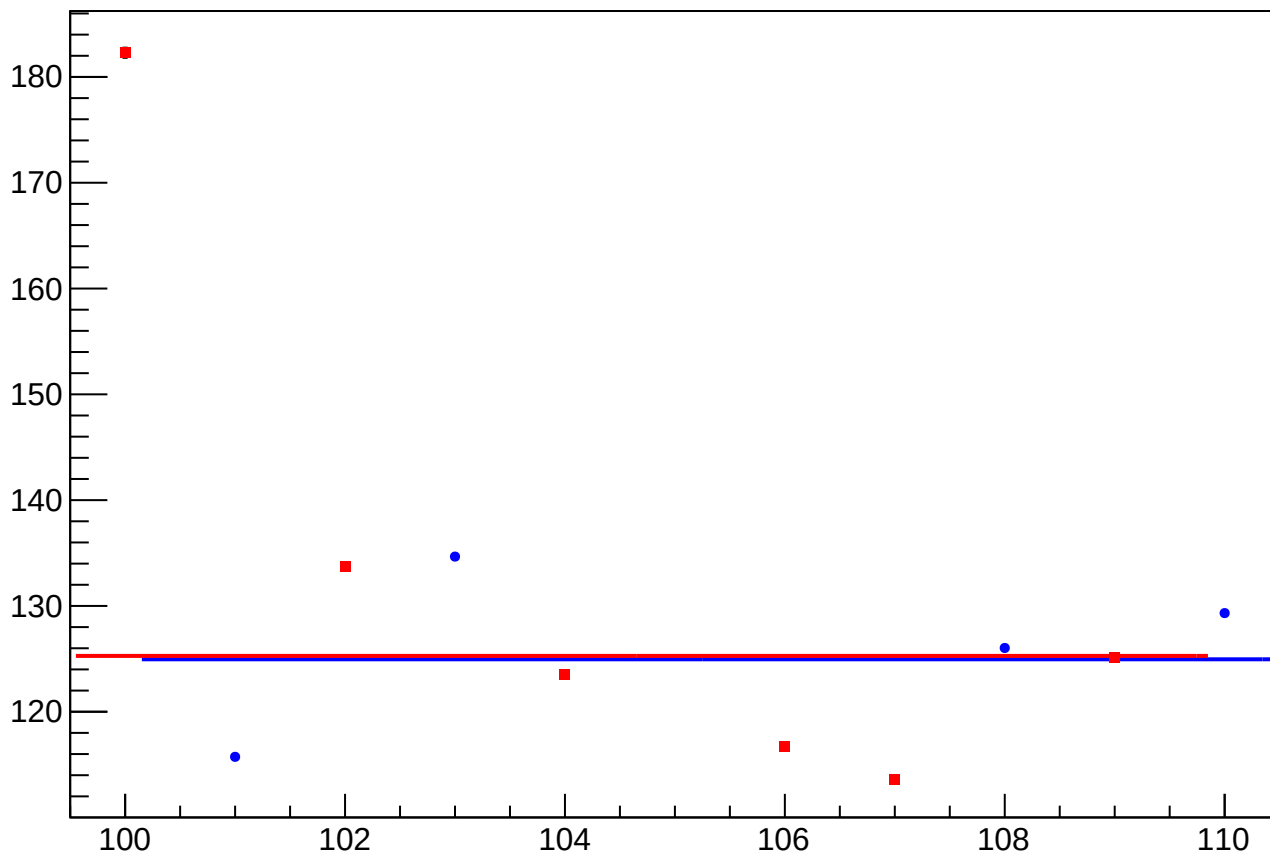
Right: 167.108 $\pm$ 60.857 χ^2 /NDF: 6.9/9

In: 208.553 $\pm$ 88.420 χ^2 /NDF: 0.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 167.108 $\pm$ 60.857 χ^2 /NDF: 6.9/9

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 124.957+/-0.063 χ^2/NDF : 15366.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.277+/-0.059 χ^2/NDF : 27110.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

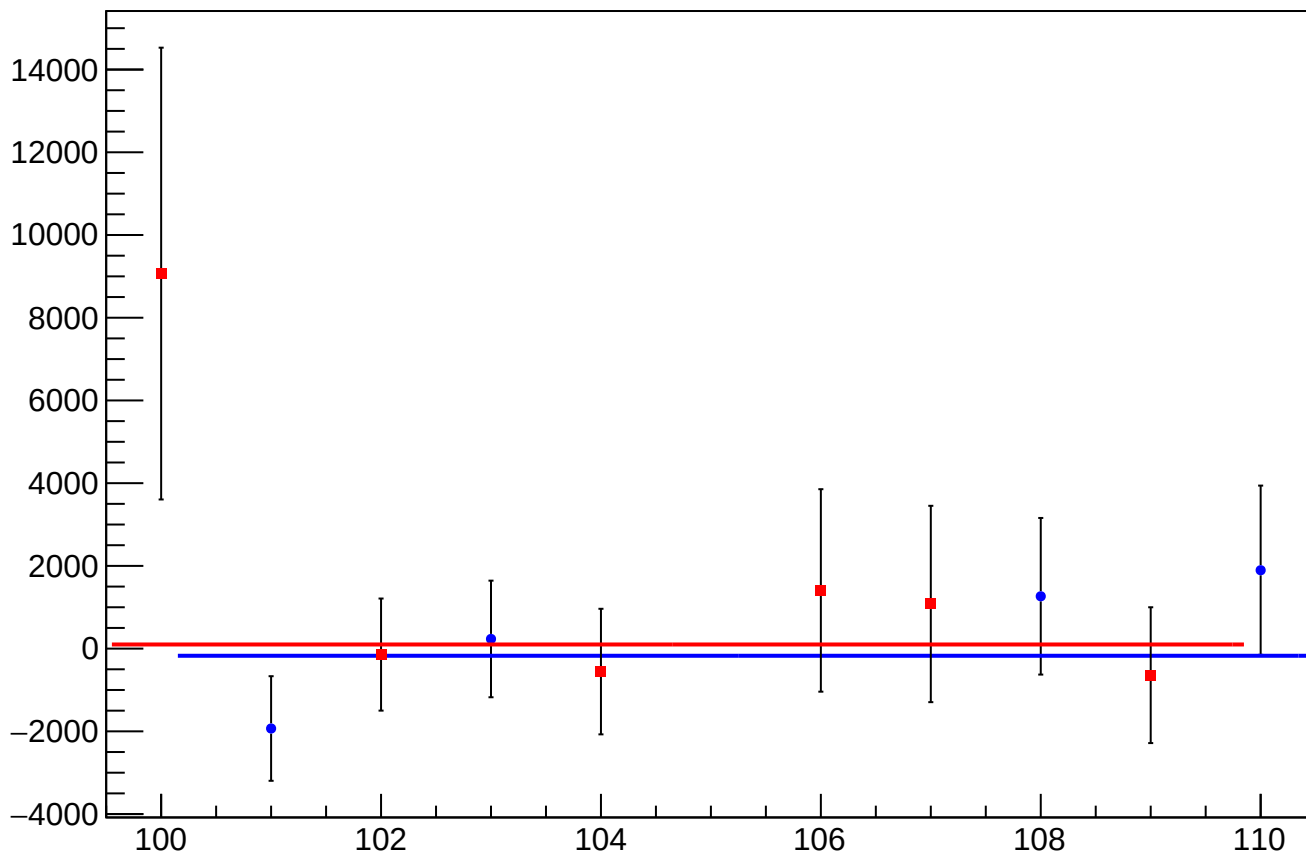
Right: 125.125+/-0.043 χ^2/NDF : 42490.9/9

In: 124.957+/-0.063 χ^2/NDF : 15366.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.125+/-0.043 χ^2/NDF : 42490.9/9

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -172.785+/-779.272 χ^2/NDF : 3.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.030+/-760.835 χ^2/NDF : 3.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

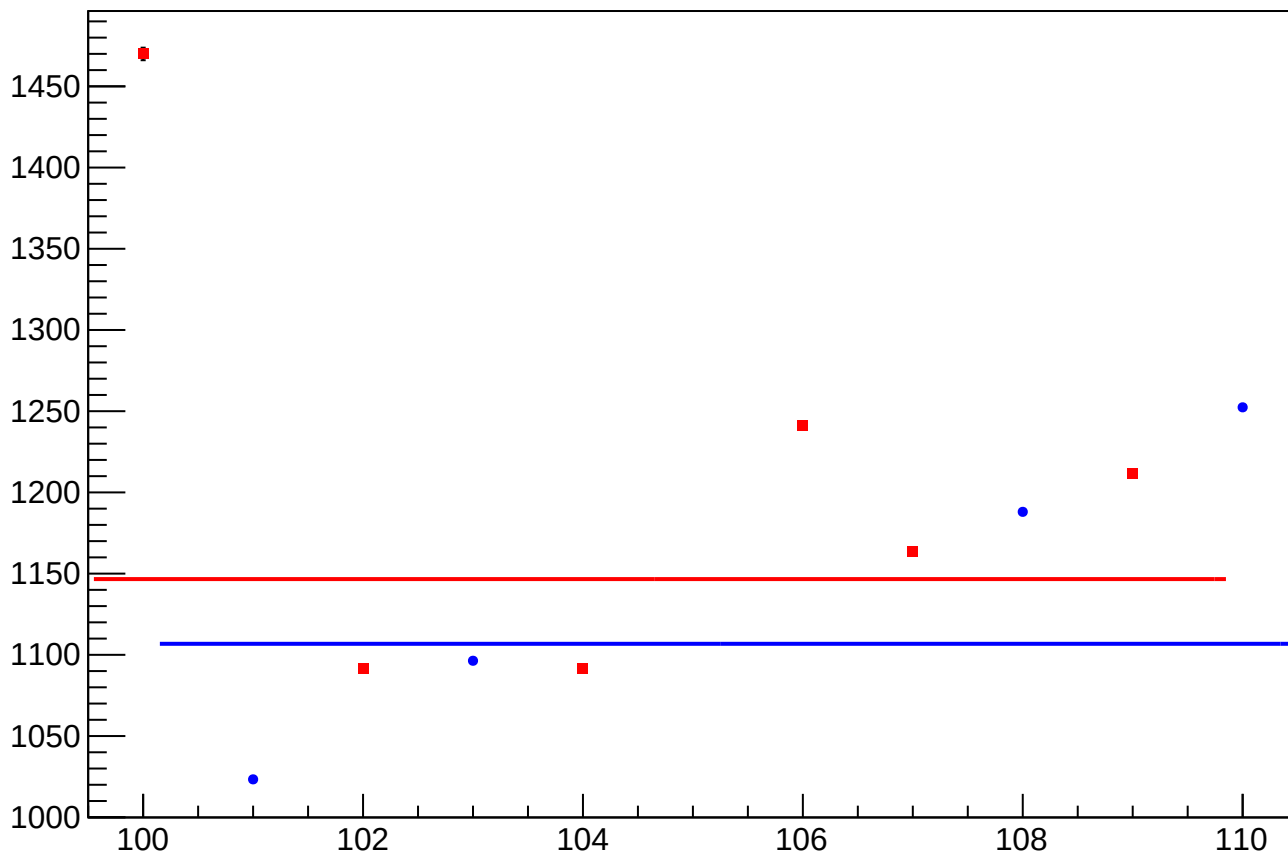
Right: -33.112+/-544.393 χ^2/NDF : 7.3/9

In: -172.785+/-779.272 χ^2/NDF : 3.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.112+/-544.393 χ^2/NDF : 7.3/9

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1106.788+/-0.551 χ^2/NDF : 22634.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1146.635+/-0.538 χ^2/NDF : 19110.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

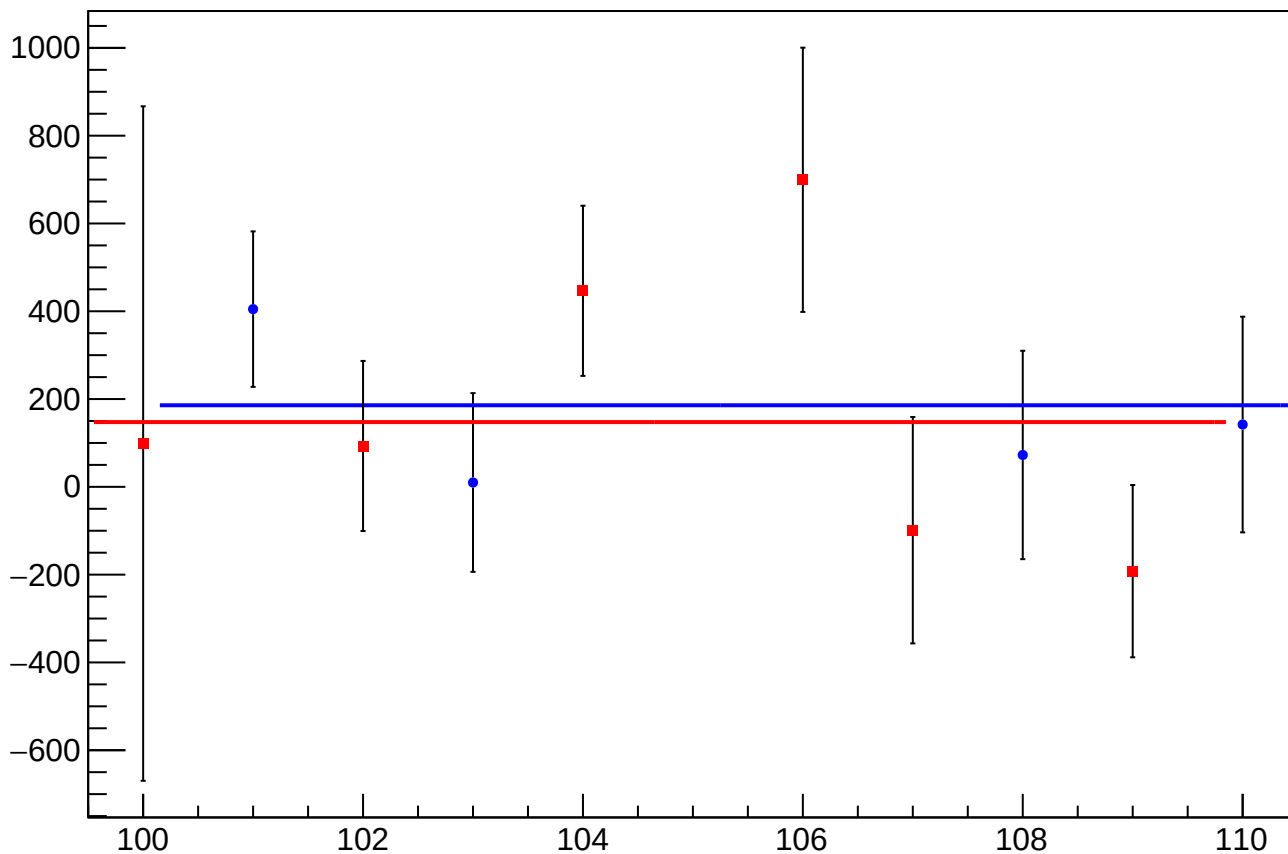
Right: 1127.188+/-0.385 χ^2/NDF : 44421.5/9

In: 1106.788+/-0.551 χ^2/NDF : 22634.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.188+/-0.385 χ^2/NDF : 44421.5/9

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 185.851 $\pm$ 105.222 χ^2 /NDF: 2.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 147.527 $\pm$ 96.681 χ^2 /NDF: 9.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

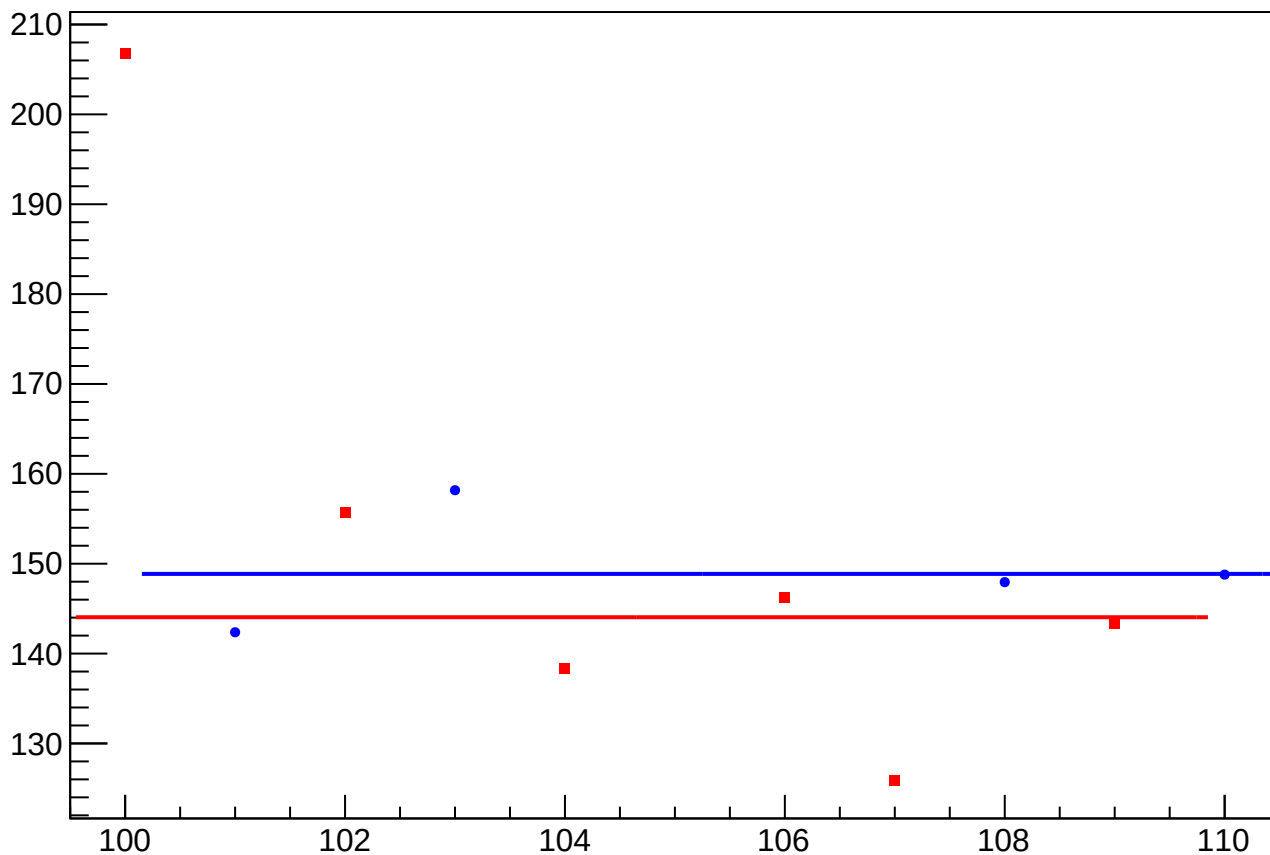
Right: 165.070 $\pm$ 71.192 χ^2 /NDF: 12.3/9

In: 185.851 $\pm$ 105.222 χ^2 /NDF:2.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 165.070 $\pm$ 71.192 χ^2 /NDF: 12.3/9

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 148.867 $\pm$ 0.074 χ^2 /NDF: 6903.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.044 $\pm$ 0.068 χ^2 /NDF: 32309.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

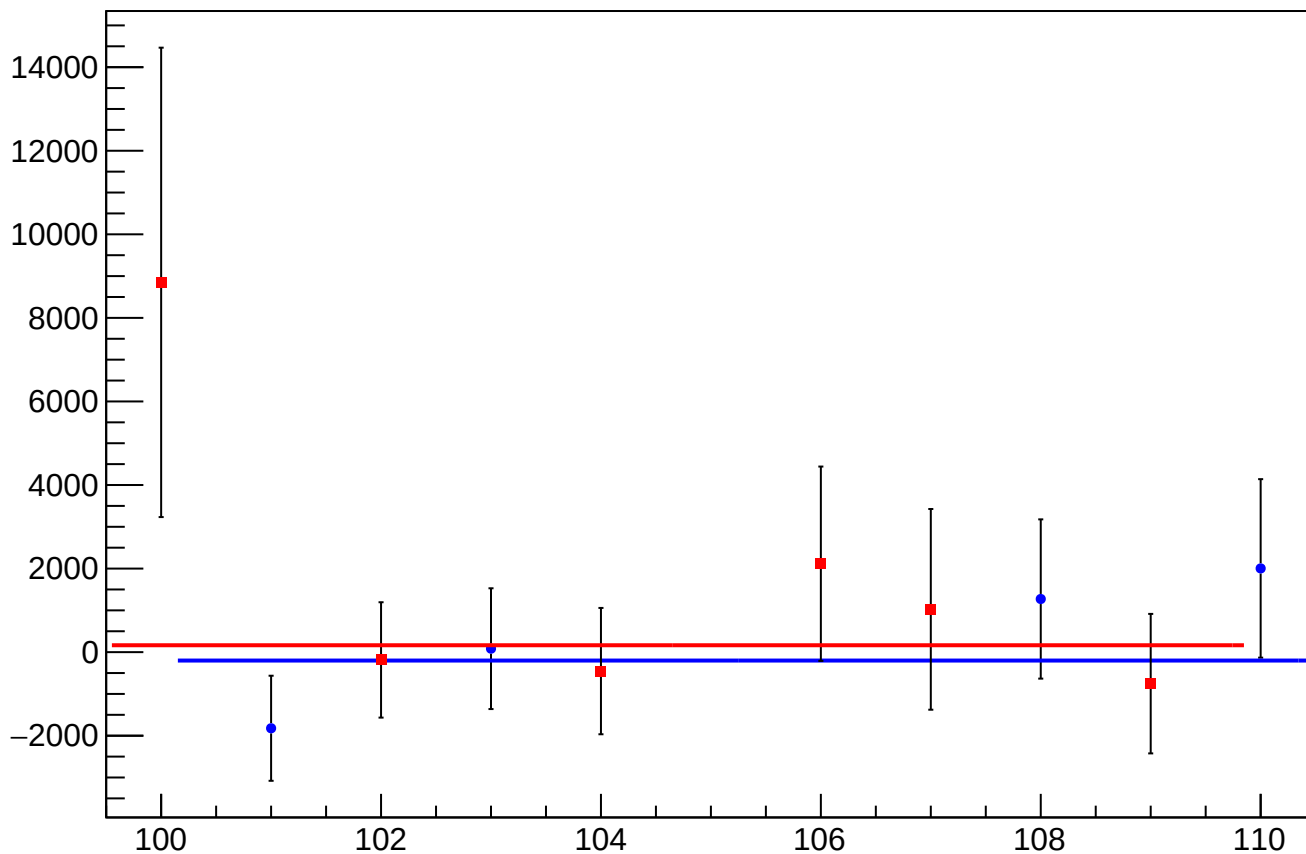
Right: 146.252 $\pm$ 0.050 χ^2 /NDF: 41491.2/9

In: 148.867 $\pm$ 0.074 χ^2 /NDF:6903.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 146.252 $\pm$ 0.050 χ^2 /NDF: 41491.2/9

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -201.154+/-789.169 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 165.032+/-764.481 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

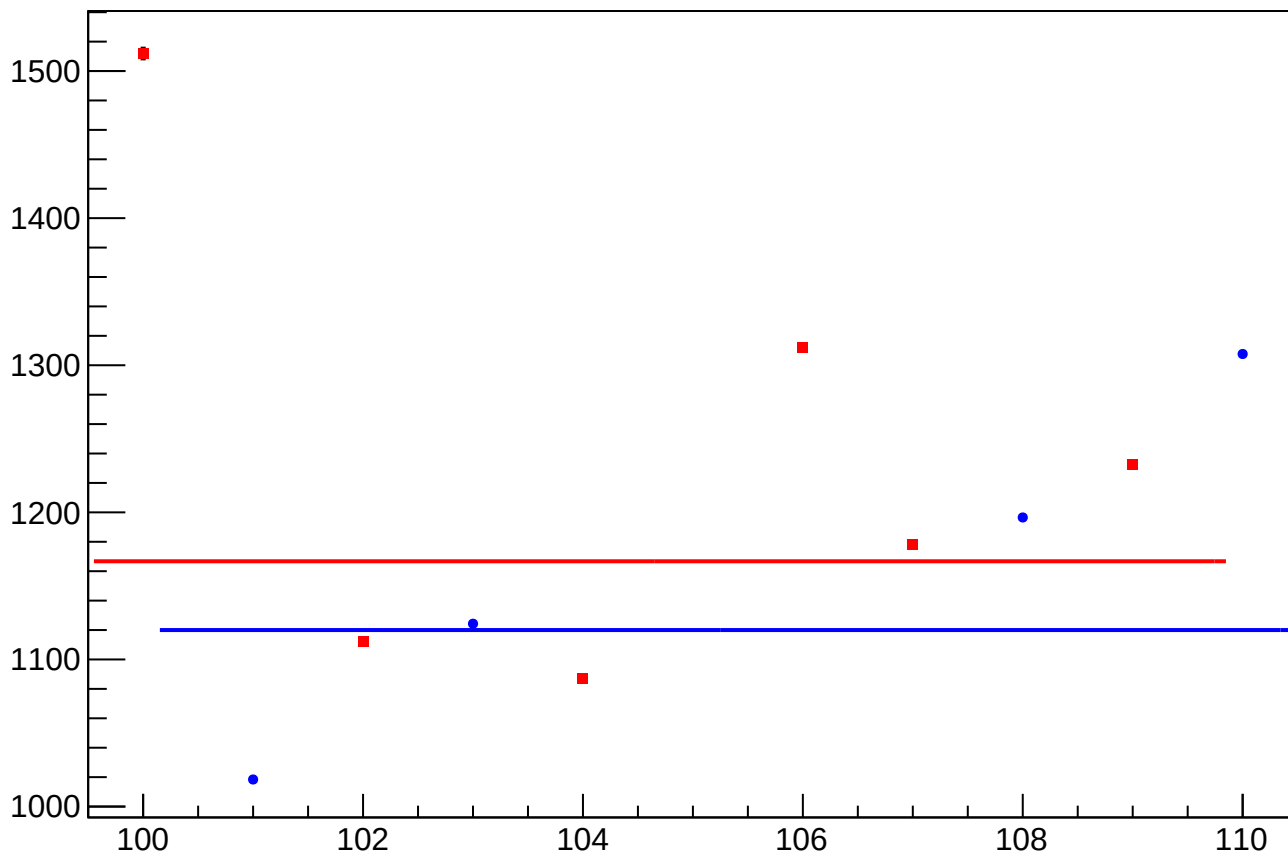
Right: -12.244+/-549.090 χ^2/NDF : 7.2/9

In: -201.154+/-789.169 χ^2/NDF :3.4/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -12.244+/-549.090 χ^2/NDF : 7.2/9

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1119.994 $\pm$ 0.558 χ^2 /NDF: 31735.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1166.745 $\pm$ 0.541 χ^2 /NDF: 27198.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

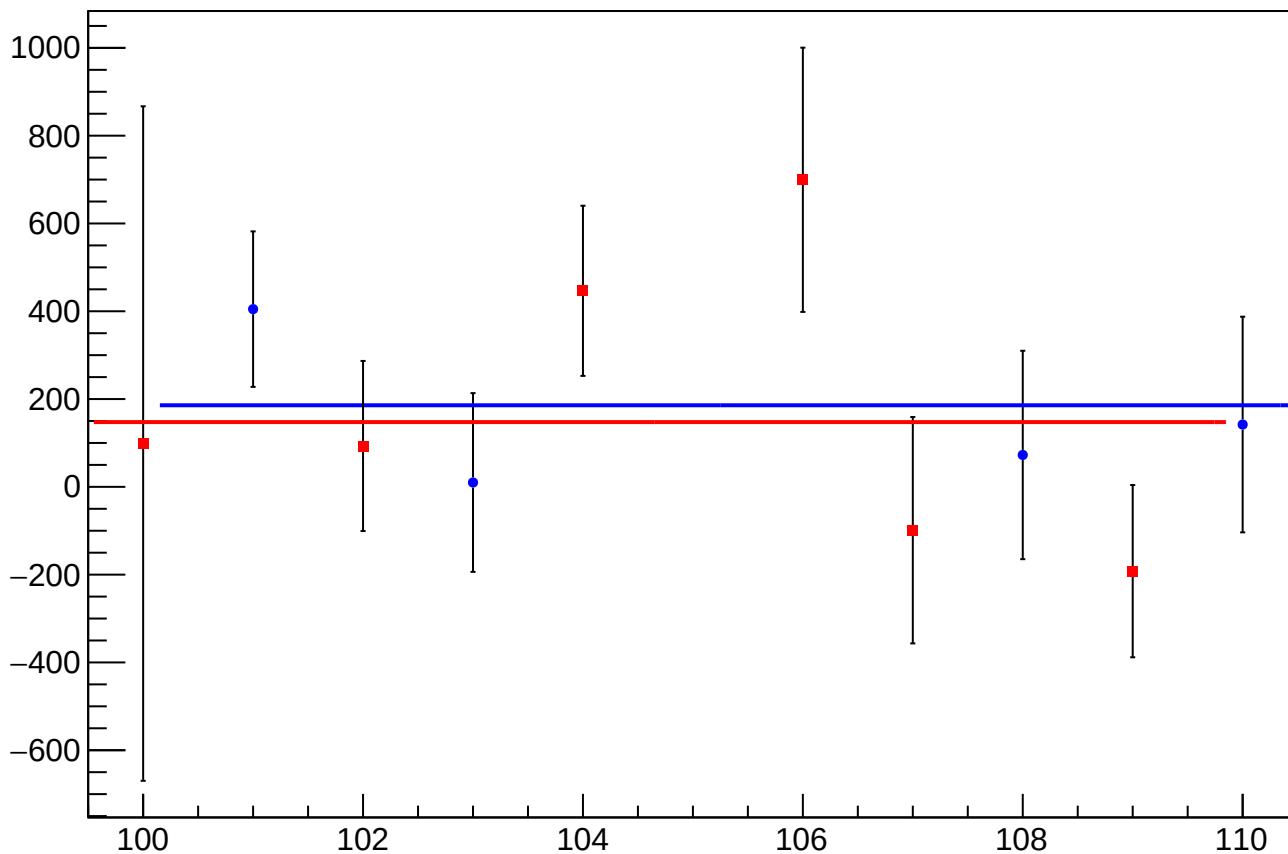
Right: 1144.112 $\pm$ 0.388 χ^2 /NDF: 62554.4/9

In: 1119.994 $\pm$ 0.558 χ^2 /NDF:31735.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1144.112 $\pm$ 0.388 χ^2 /NDF: 62554.4/9

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 185.846 $\pm$ 105.222 χ^2 /NDF: 2.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 147.528 $\pm$ 96.681 χ^2 /NDF: 9.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

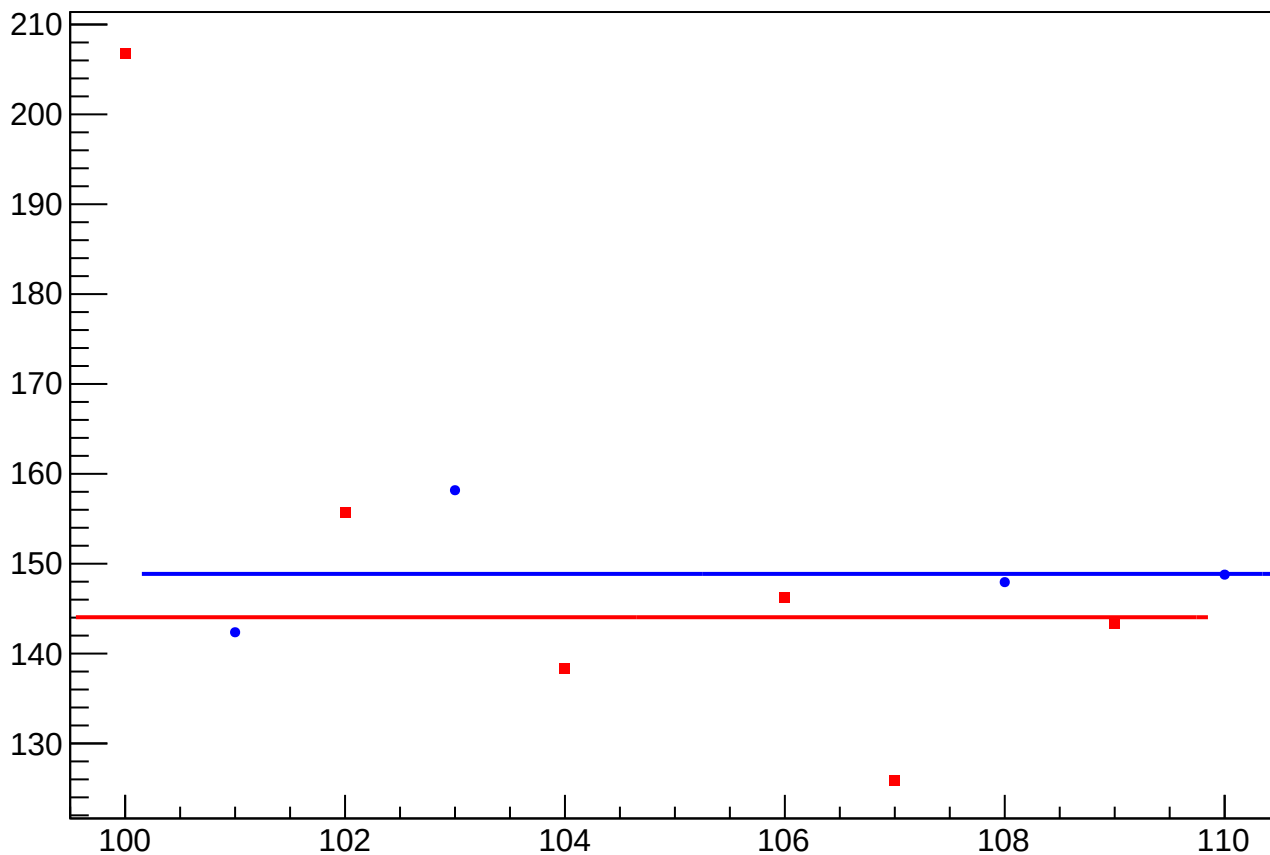
Right: 165.069 $\pm$ 71.192 χ^2 /NDF: 12.3/9

In: 185.846 $\pm$ 105.222 χ^2 /NDF:2.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 165.069 $\pm$ 71.192 χ^2 /NDF: 12.3/9

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 148.866+/-0.074 χ^2/NDF : 6902.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.044+/-0.068 χ^2/NDF : 32309.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

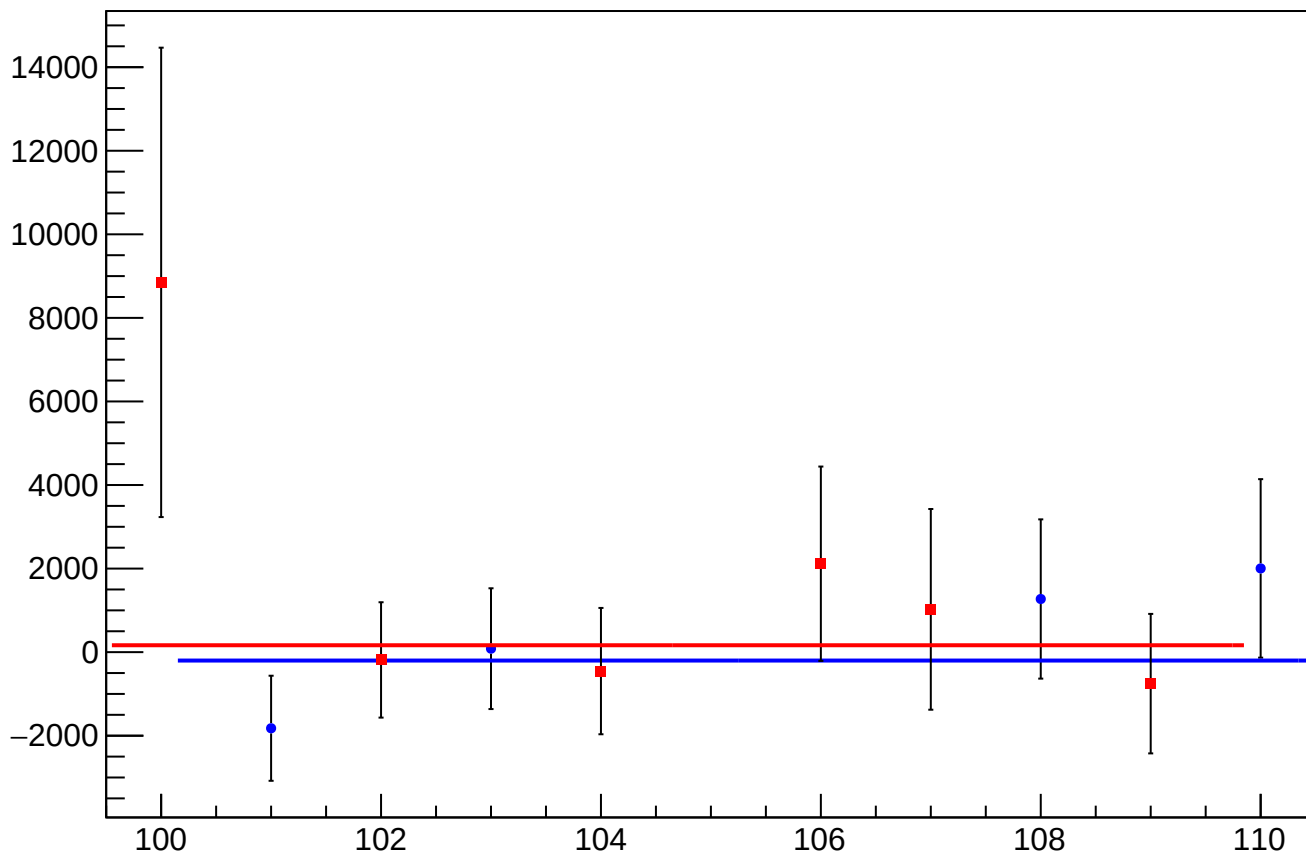
Right: 146.252+/-0.050 χ^2/NDF : 41489.5/9

In: 148.866+/-0.074 χ^2/NDF : 6902.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.252+/-0.050 χ^2/NDF : 41489.5/9

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -201.154+/-789.167 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.031+/-764.479 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

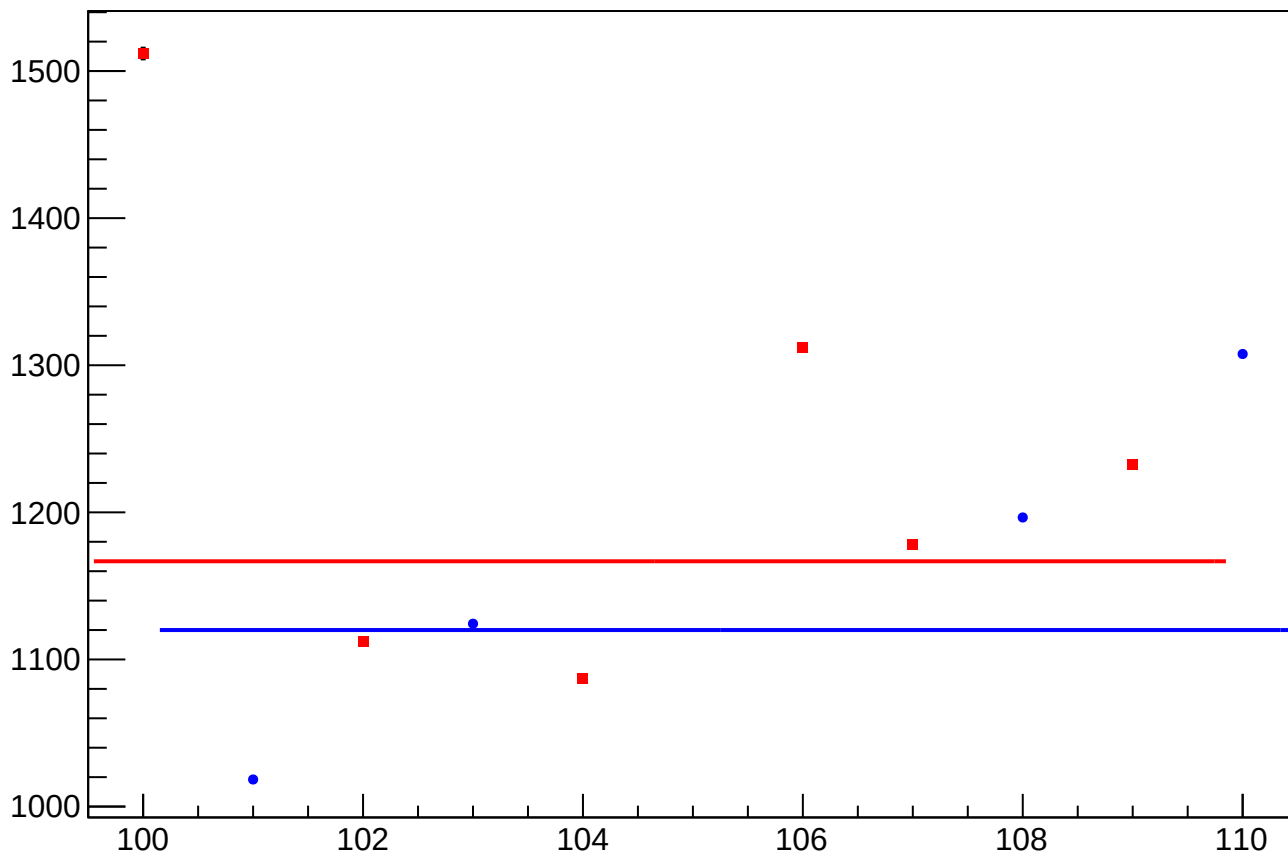
Right: -12.244+/-549.089 χ^2/NDF : 7.2/9

In: -201.154+/-789.167 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.244+/-549.089 χ^2/NDF : 7.2/9

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1119.992 $\pm$ 0.558 χ^2 /NDF: 31733.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1166.742 $\pm$ 0.541 χ^2 /NDF: 27199.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

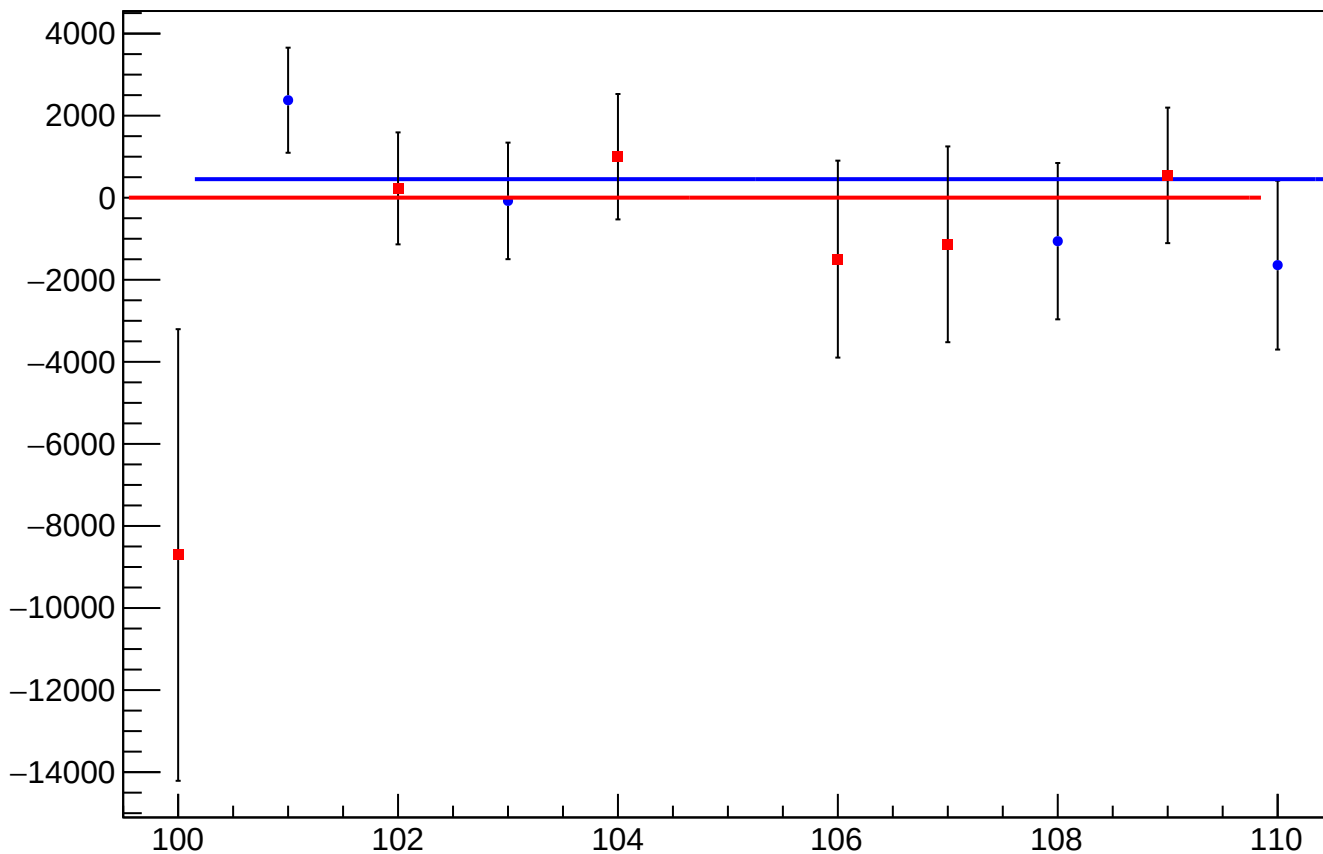
Right: 1144.109 $\pm$ 0.388 χ^2 /NDF: 62553.8/9

In: 1119.992 $\pm$ 0.558 χ^2 /NDF:31733.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1144.109 $\pm$ 0.388 χ^2 /NDF: 62553.8/9

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 452.195+/-786.386 χ^2/NDF : 4.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.934+/-763.755 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

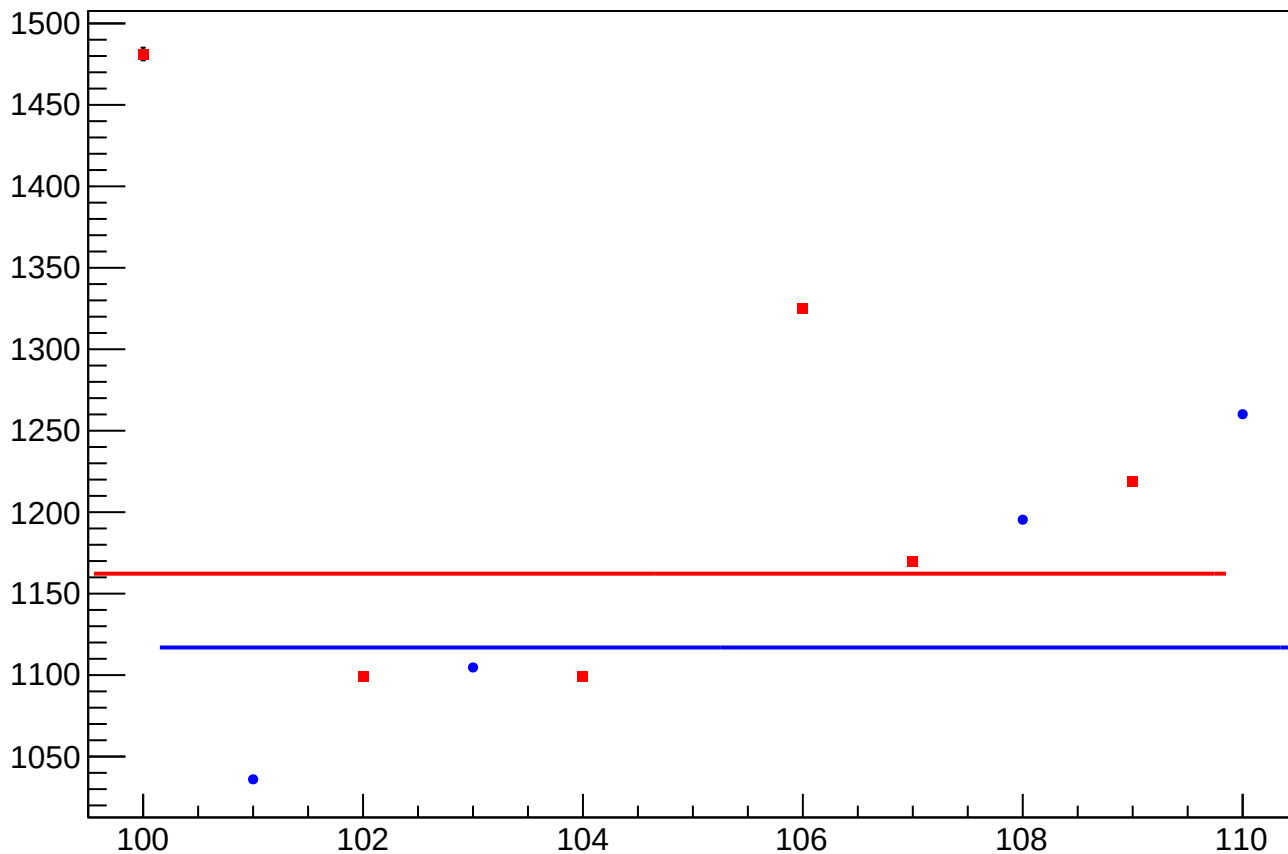
Right: 220.492+/-547.883 χ^2/NDF : 7.9/9

In: 452.195+/-786.386 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 220.492+/-547.883 χ^2/NDF : 7.9/9

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 1116.938 $\pm$ 0.556 χ^2 /NDF: 21204.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1162.256 $\pm$ 0.540 χ^2 /NDF: 25980.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

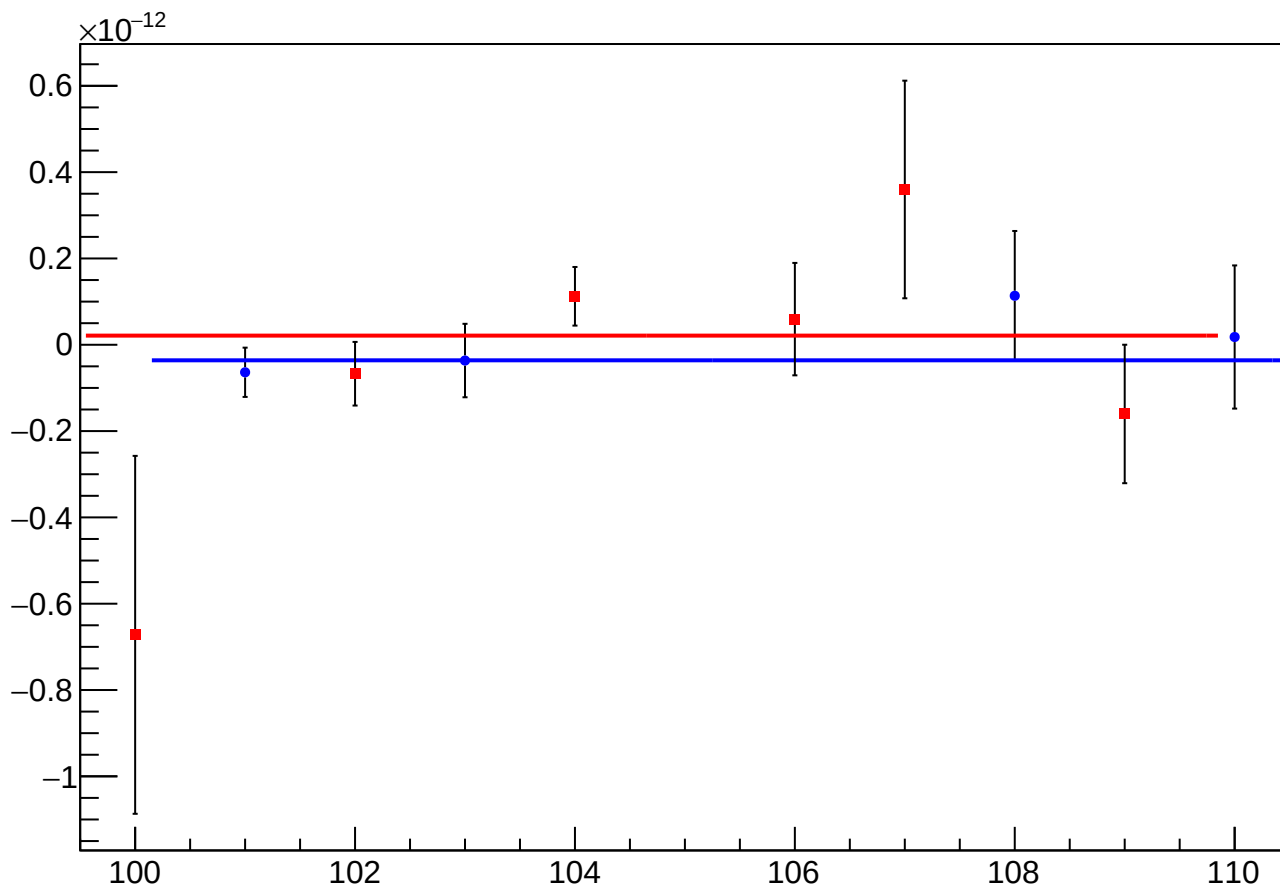
Right: 1140.259 $\pm$ 0.387 χ^2 /NDF: 50603.3/9

In: 1116.938 $\pm$ 0.556 χ^2 /NDF:21204.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1140.259 $\pm$ 0.387 χ^2 /NDF: 50603.3/9

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.3/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

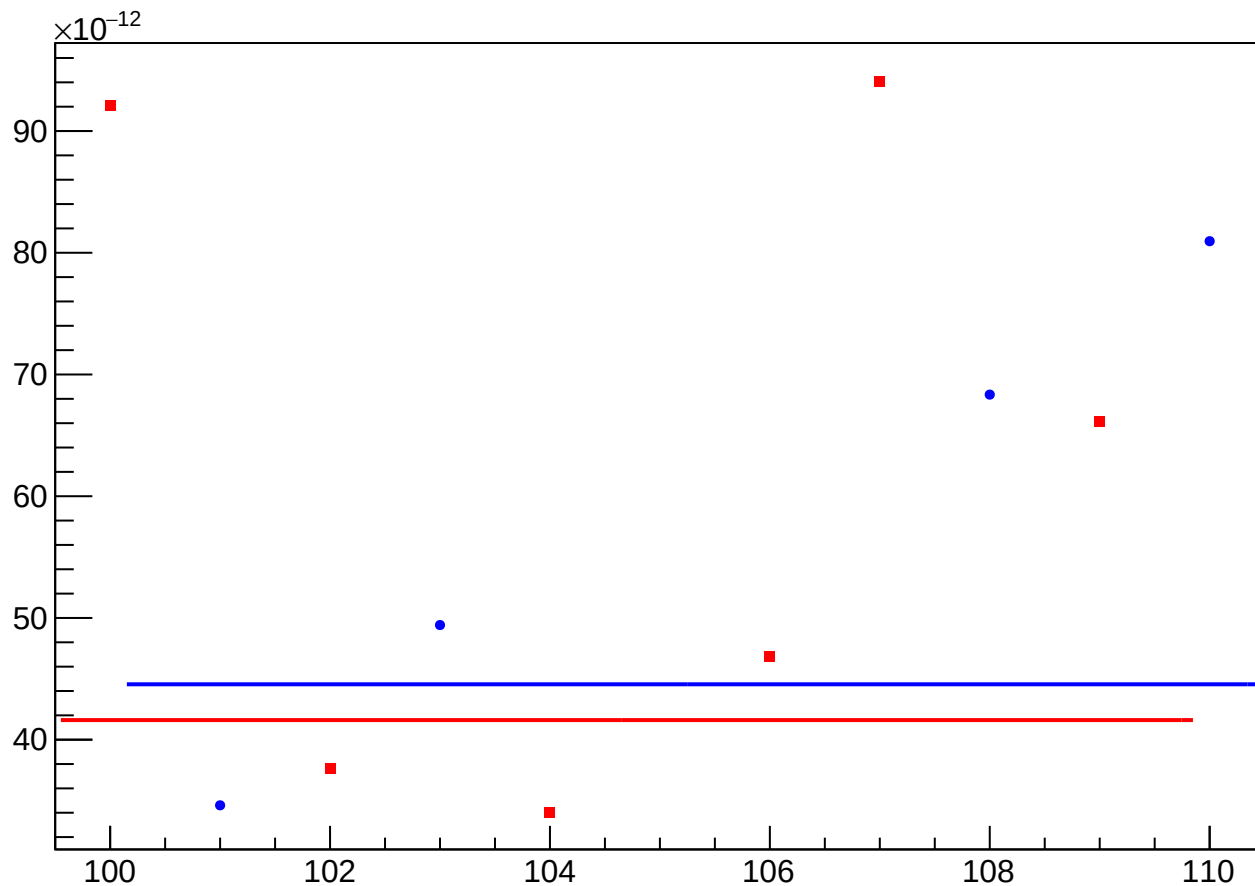
Right: -0.000+/-0.000 χ^2/NDF : 11.4/9

In: -0.000+/-0.000 χ^2/NDF :1.3/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.4/9

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 213673.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 196825.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

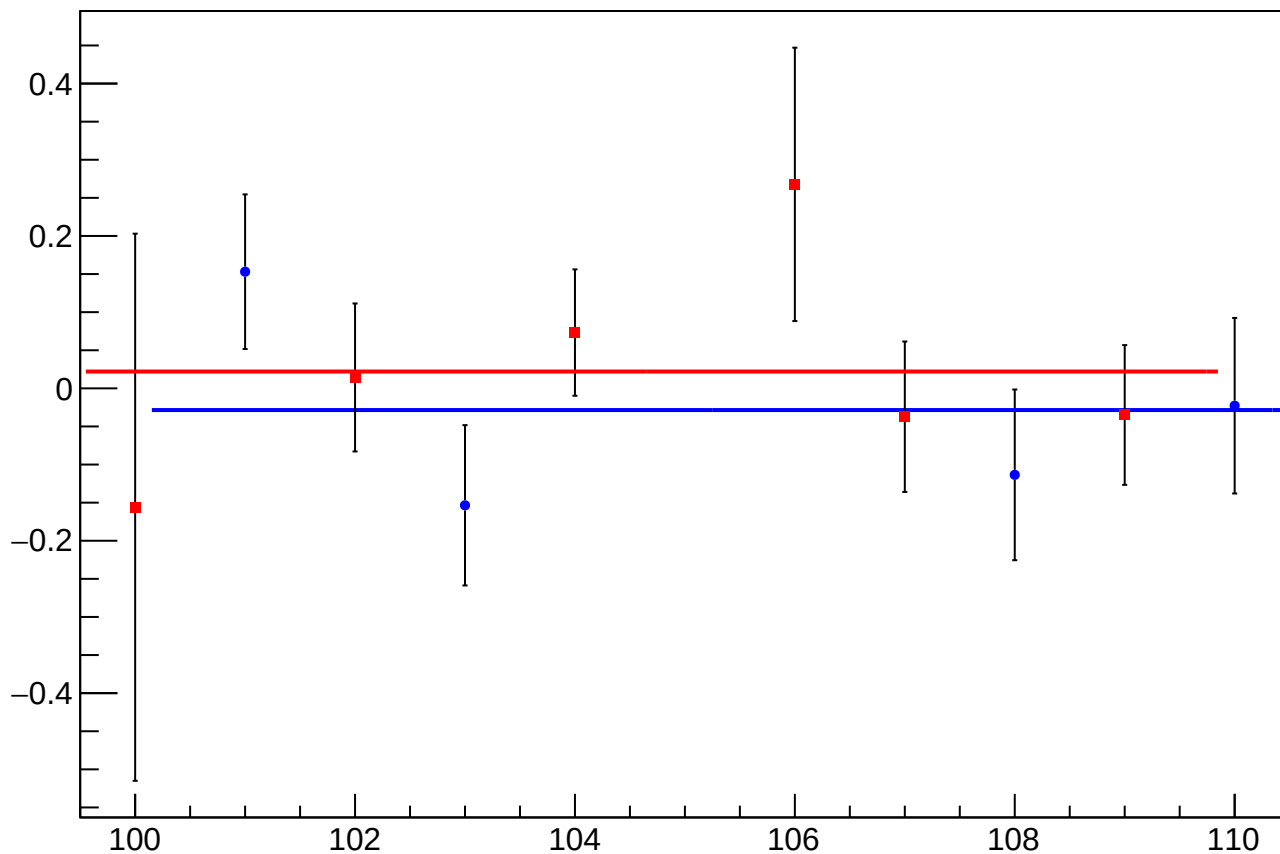
Right: 0.000+/-0.000 χ^2/NDF : 415017.0/9

In: 0.000+/-0.000 χ^2/NDF : 213673.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 415017.0/9

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.054 χ^2/NDF : 5.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.022+/-0.044 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

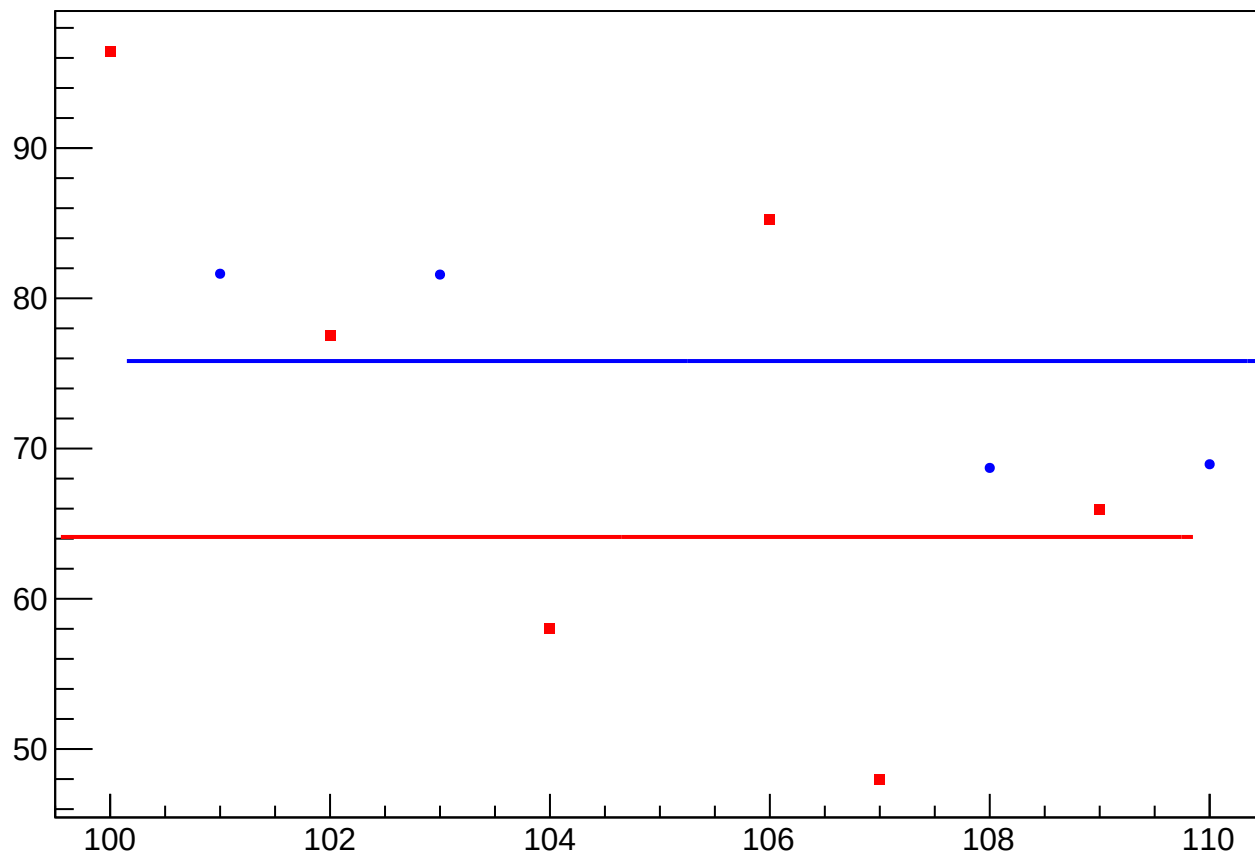
Right: 0.002+/-0.034 χ^2/NDF : 9.0/9

In: -0.028+/-0.054 χ^2/NDF :5.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.034 χ^2/NDF : 9.0/9

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.825+/-0.038 χ^2/NDF : 27727.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.115+/-0.031 χ^2/NDF : 147433.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

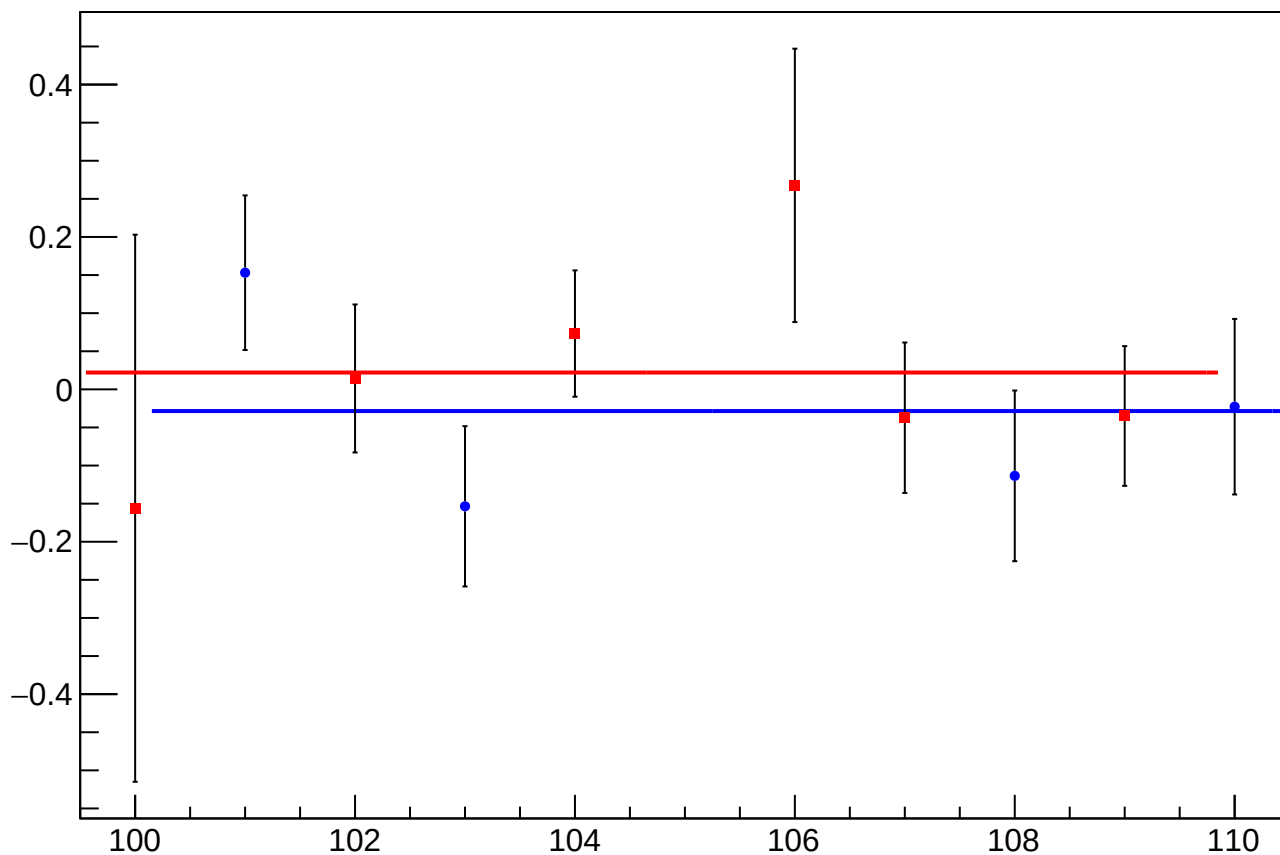
Right: 68.810+/-0.024 χ^2/NDF : 231442.9/9

In: 75.825+/-0.038 χ^2/NDF : 27727.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.810+/-0.024 χ^2/NDF : 231442.9/9

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.054 χ^2/NDF : 5.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.022+/-0.044 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

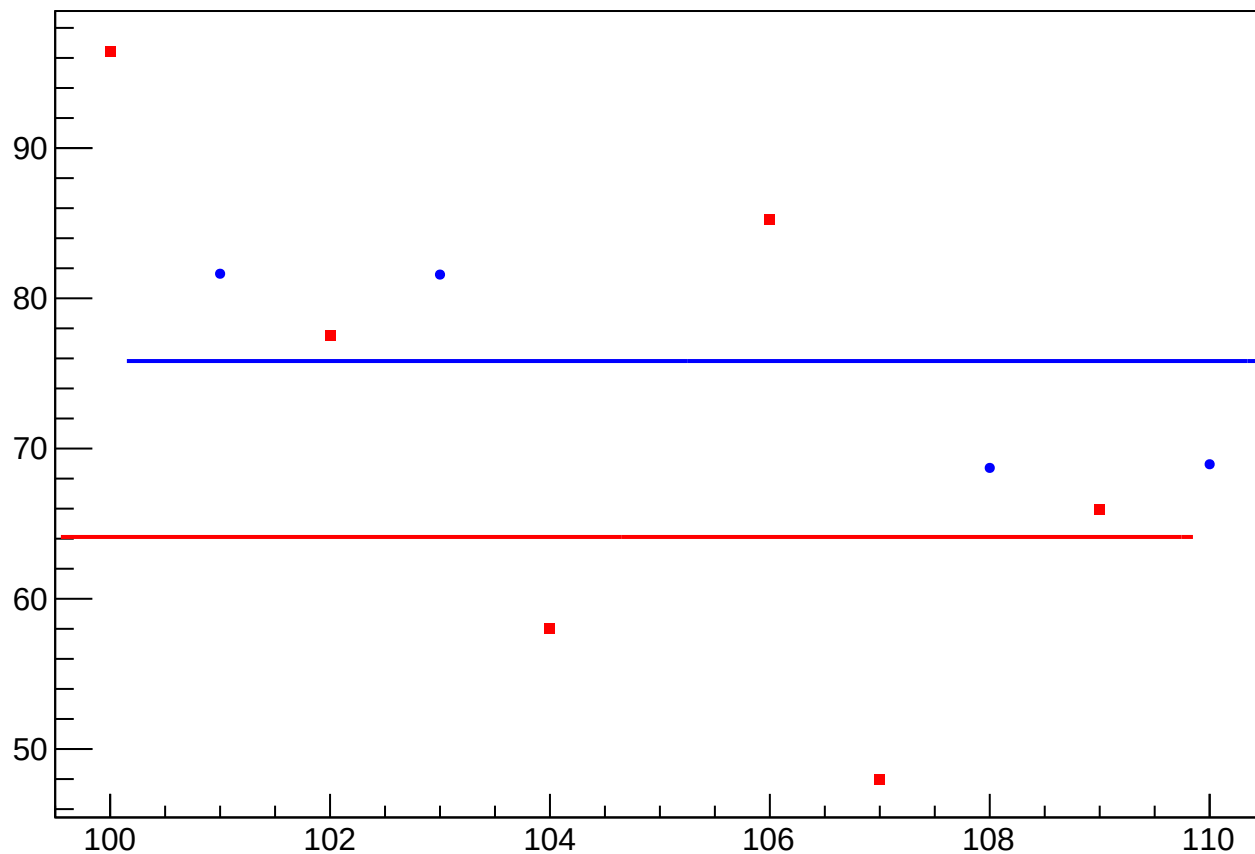
Right: 0.002+/-0.034 χ^2/NDF : 9.0/9

In: -0.028+/-0.054 χ^2/NDF : 5.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.034 χ^2/NDF : 9.0/9

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.825+/-0.038 χ^2/NDF : 27727.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.115+/-0.031 χ^2/NDF : 147433.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

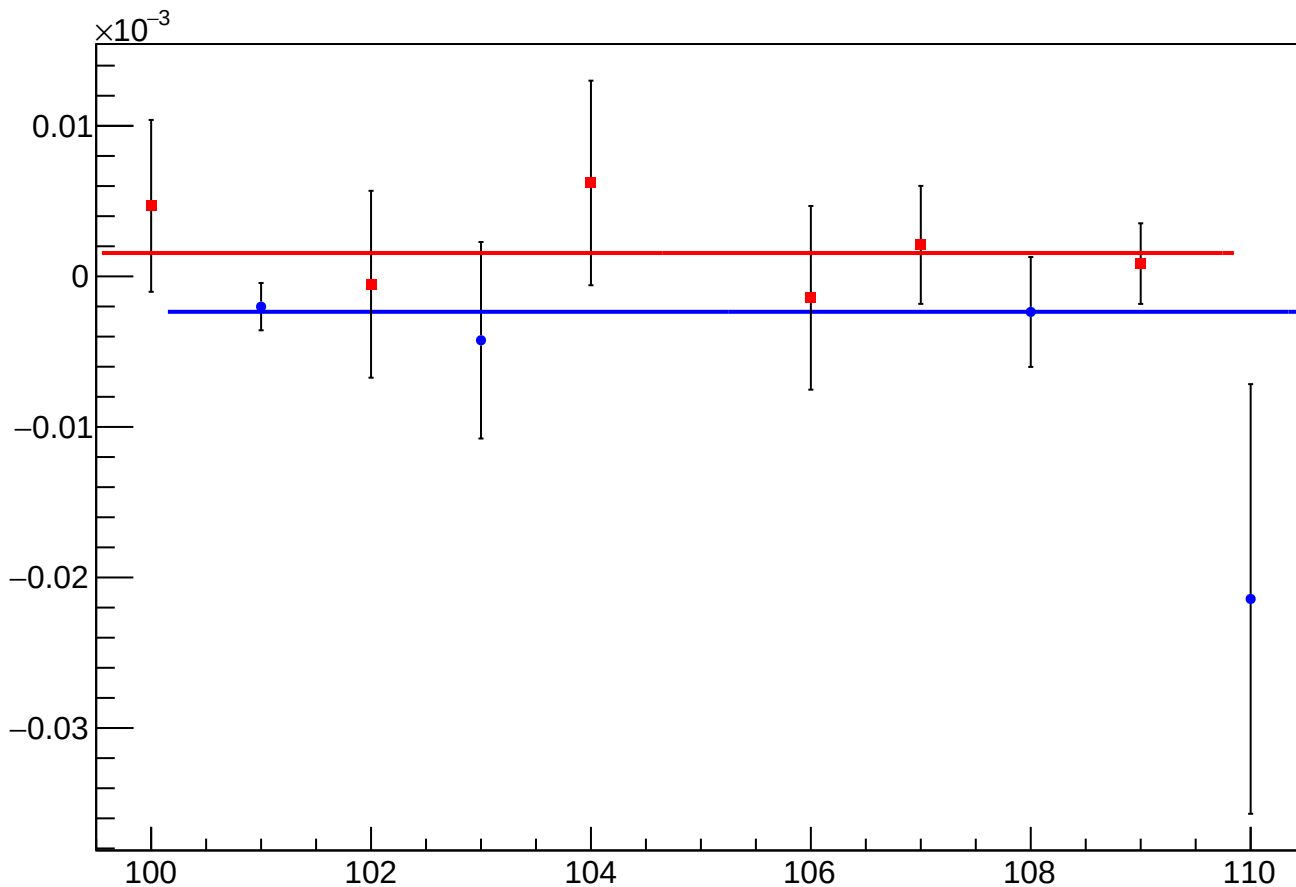
Right: 68.810+/-0.024 χ^2/NDF : 231442.9/9

In: 75.825+/-0.038 χ^2/NDF : 27727.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.810+/-0.024 χ^2/NDF : 231442.9/9

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 1.2/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

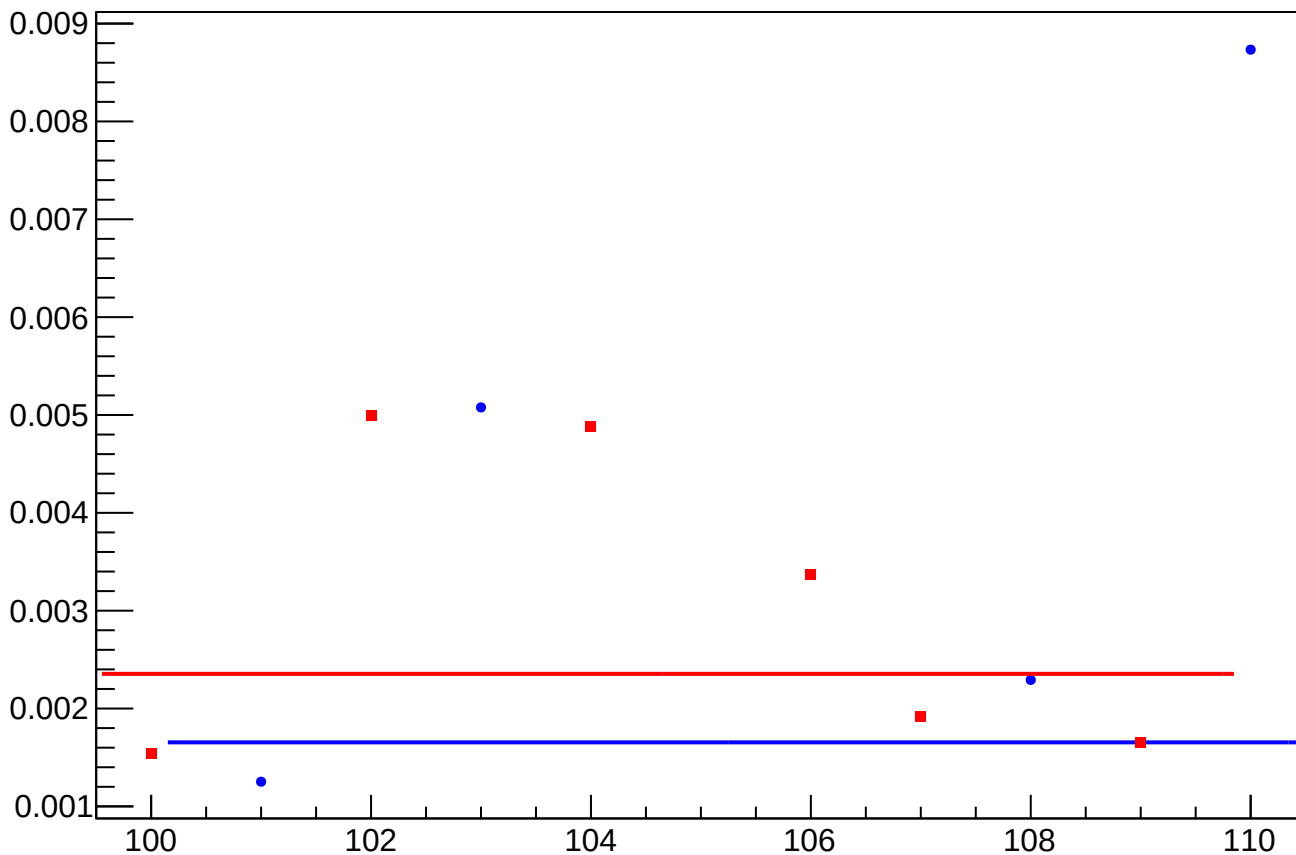
Right: -0.000+/-0.000 χ^2 /NDF: 6.1/9

In: -0.000+/-0.000 χ^2 /NDF:1.9/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.1/9

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 ± 0.000 χ^2/NDF : 1234489.0/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.002 ± 0.000 χ^2/NDF : 895965.6/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

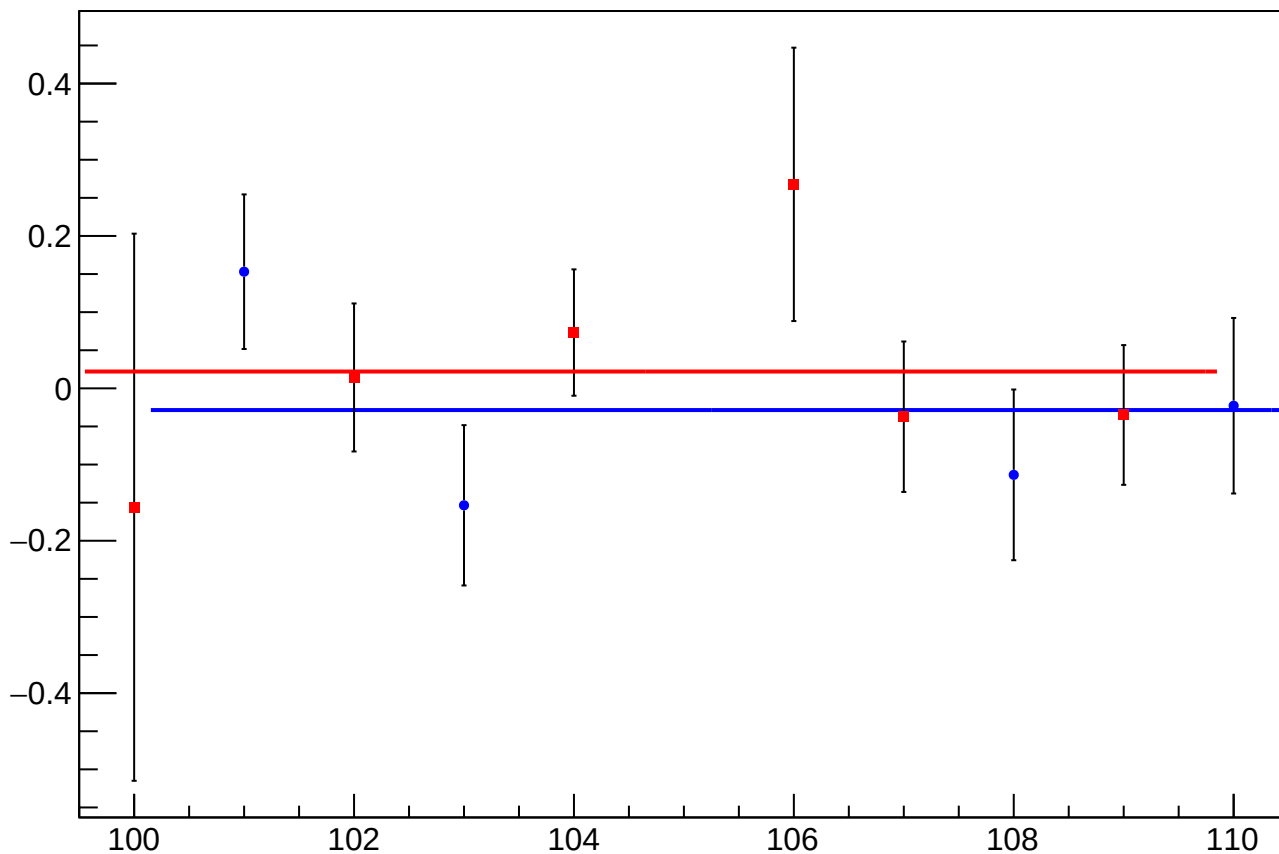
Right: 0.002 ± 0.000 χ^2/NDF : 2319345.3/9

In: 0.002 ± 0.000 χ^2/NDF : 1234489.0/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.000 χ^2/NDF : 2319345.3/9

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 ± 0.054 χ^2/NDF : 5.2/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.022 ± 0.044 χ^2/NDF : 3.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

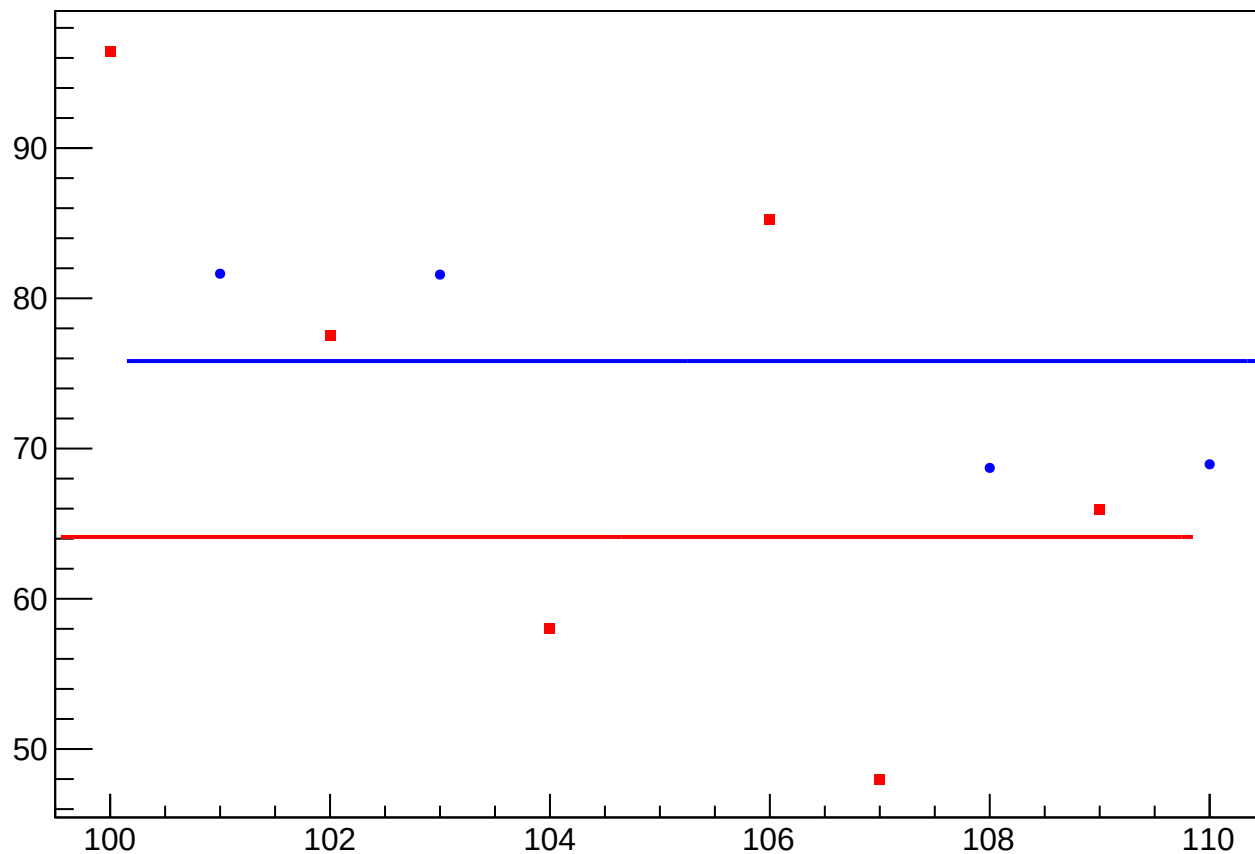
Right: 0.002 ± 0.034 χ^2/NDF : 9.0/9

In: -0.028 ± 0.054 χ^2/NDF : 5.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.034 χ^2/NDF : 9.0/9

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.824+/-0.038 χ^2/NDF : 27734.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.115+/-0.031 χ^2/NDF : 147428.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

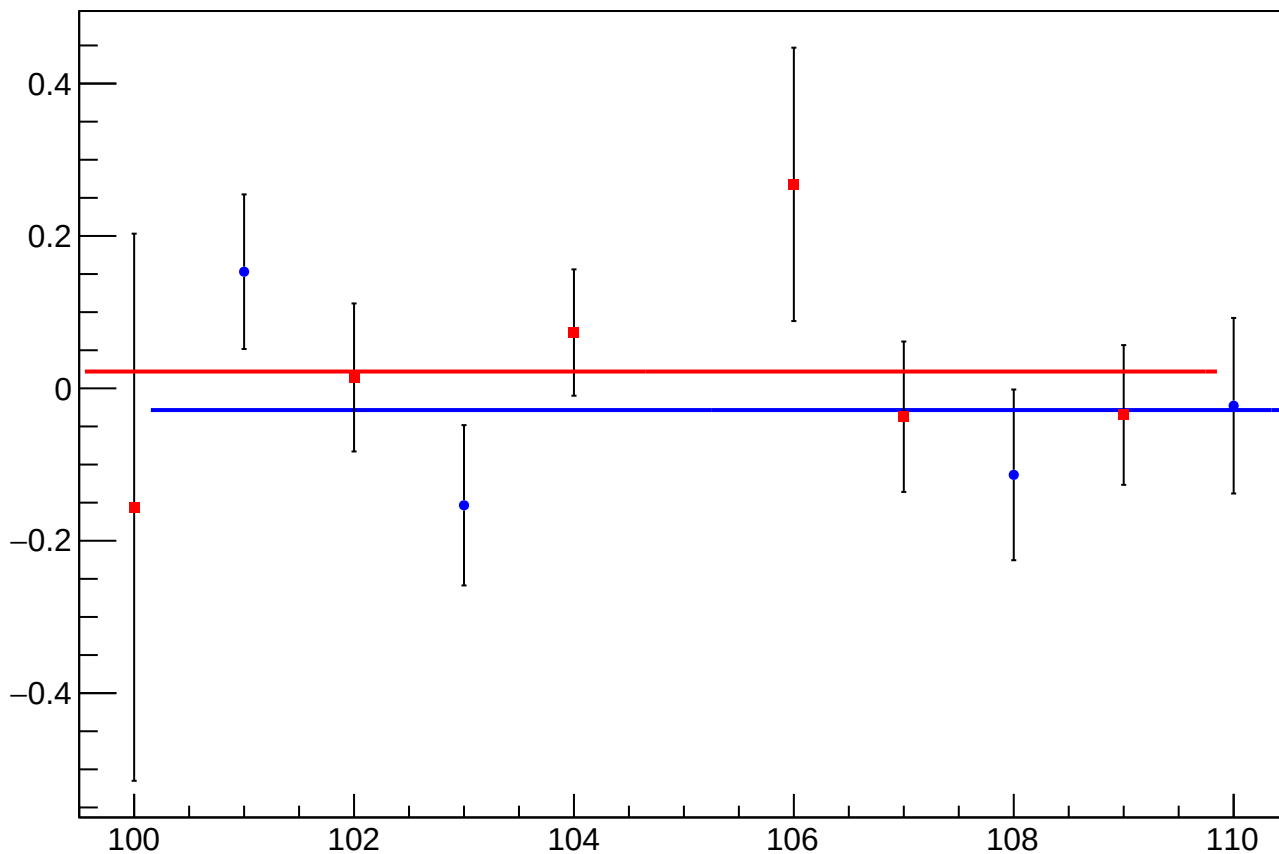
Right: 68.809+/-0.024 χ^2/NDF : 231438.5/9

In: 75.824+/-0.038 χ^2/NDF : 27734.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.809+/-0.024 χ^2/NDF : 231438.5/9

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.054 χ^2/NDF : 5.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.022+/-0.044 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

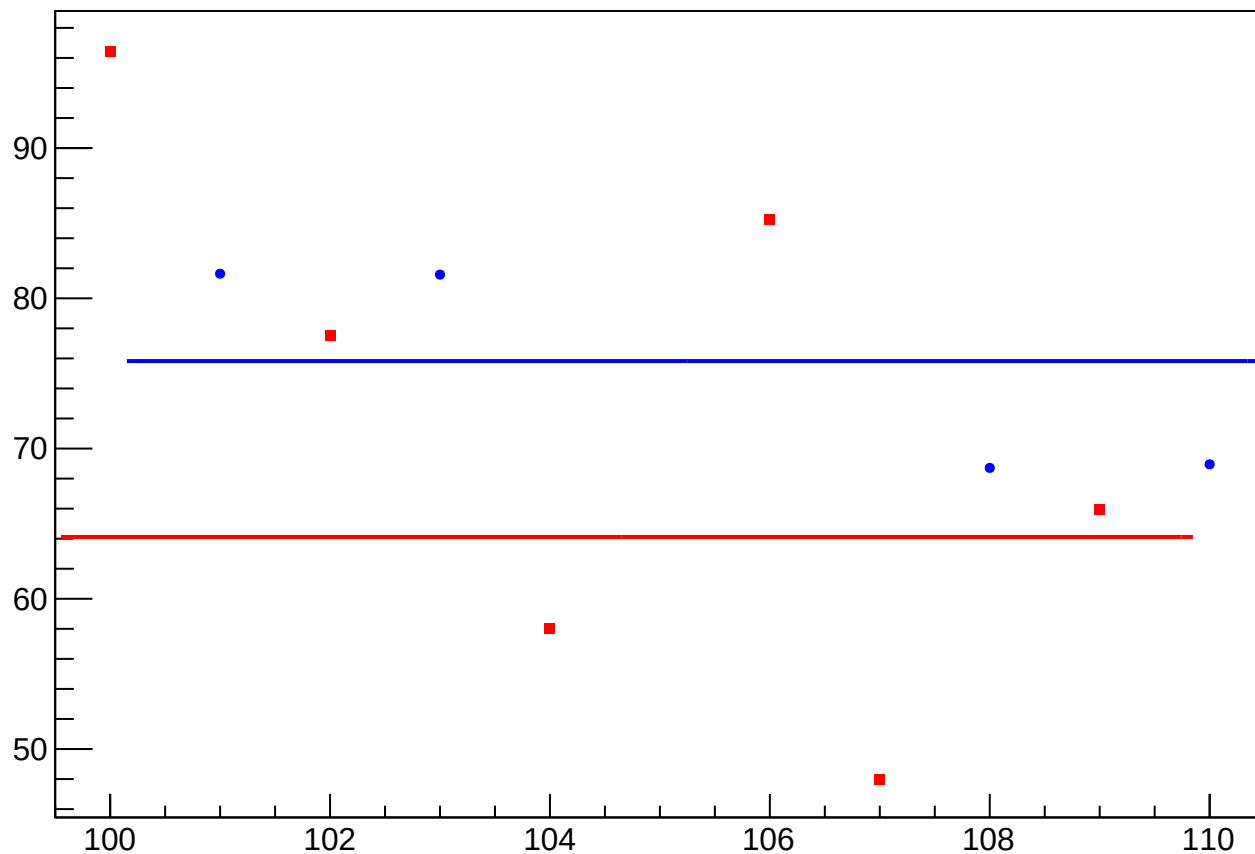
Right: 0.002+/-0.034 χ^2/NDF : 9.0/9

In: -0.028+/-0.054 χ^2/NDF : 5.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.034 χ^2/NDF : 9.0/9

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.824+/-0.038 χ^2/NDF : 27734.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.115+/-0.031 χ^2/NDF : 147428.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

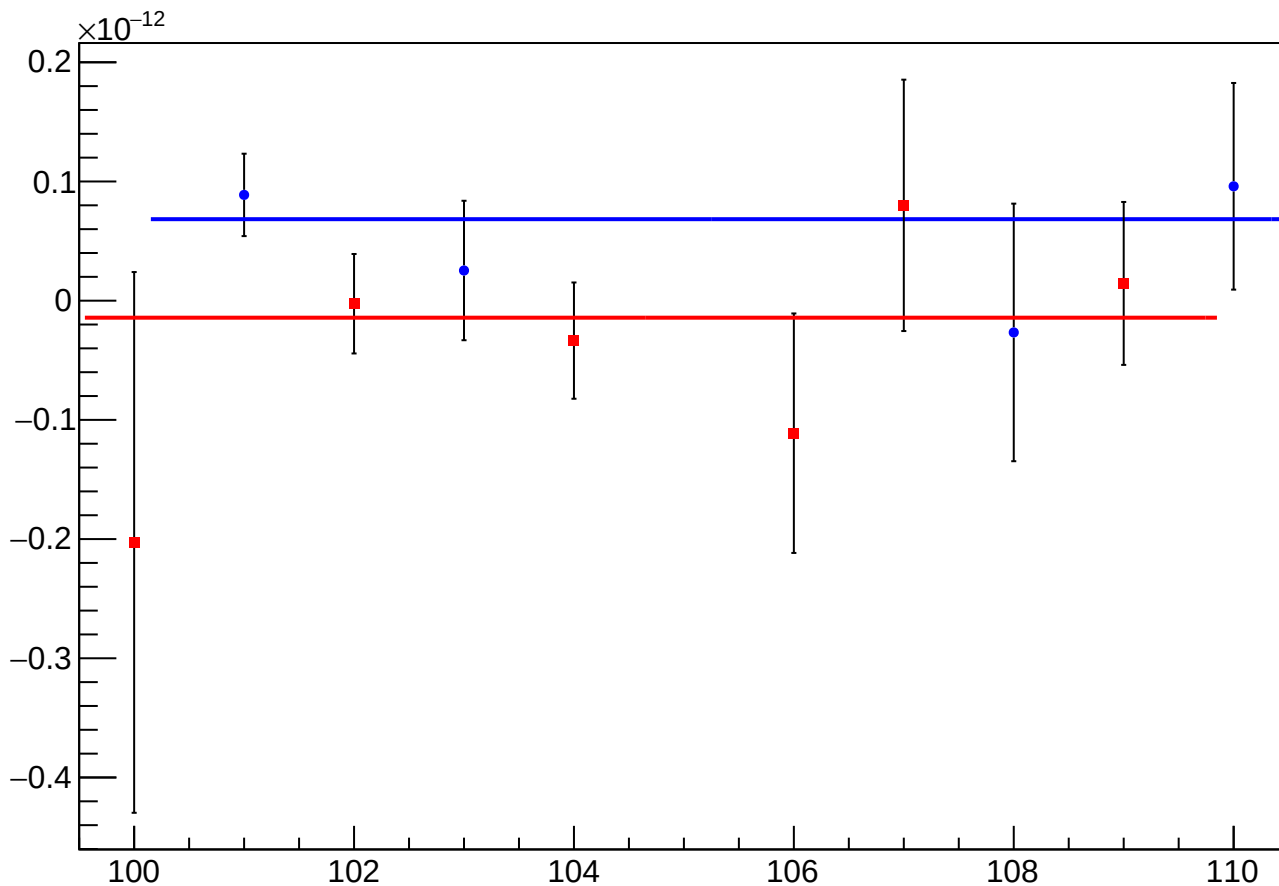
Right: 68.809+/-0.024 χ^2/NDF : 231438.5/9

In: 75.824+/-0.038 χ^2/NDF : 27734.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.809+/-0.024 χ^2/NDF : 231438.5/9

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

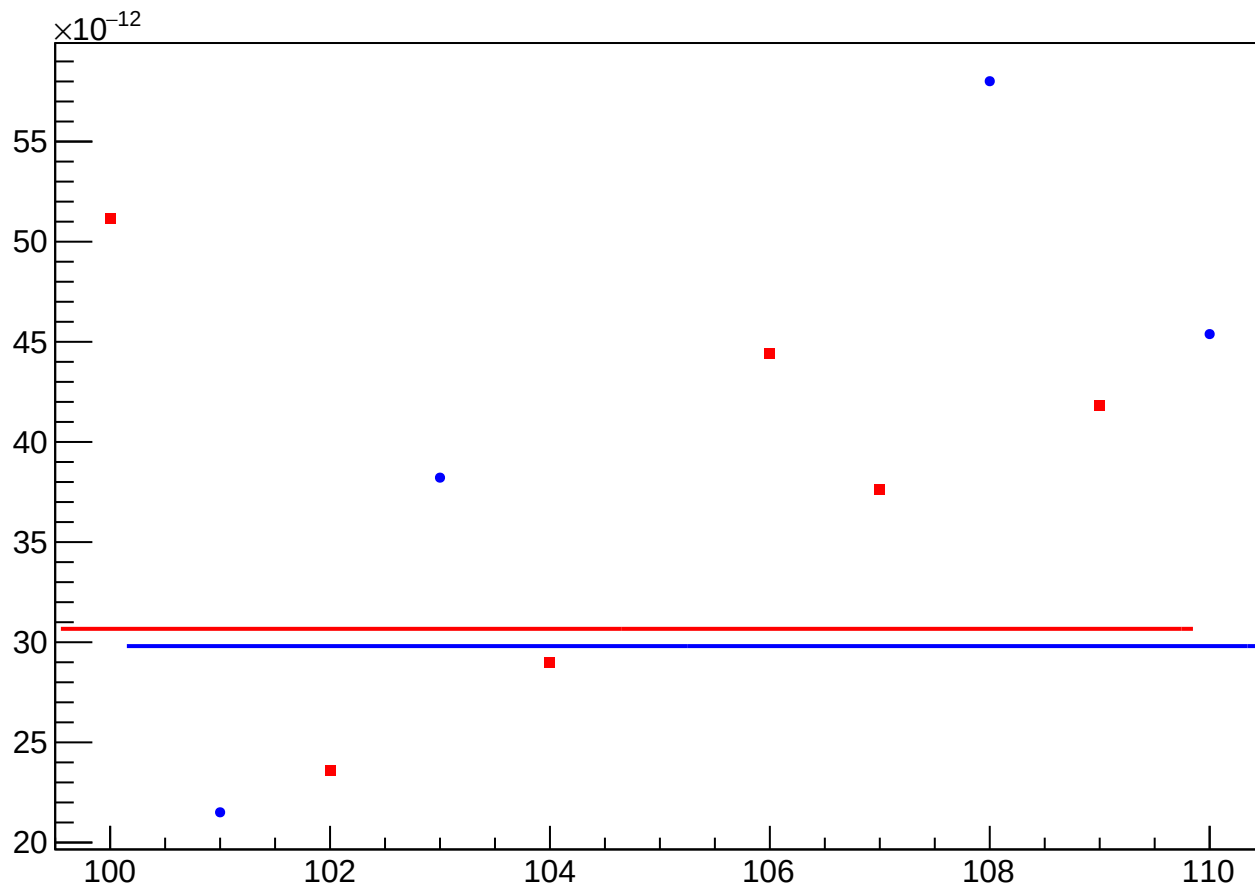
Right: 0.000+/-0.000 χ^2/NDF : 9.3/9

In: 0.000+/-0.000 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.3/9

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 357588.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 175670.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

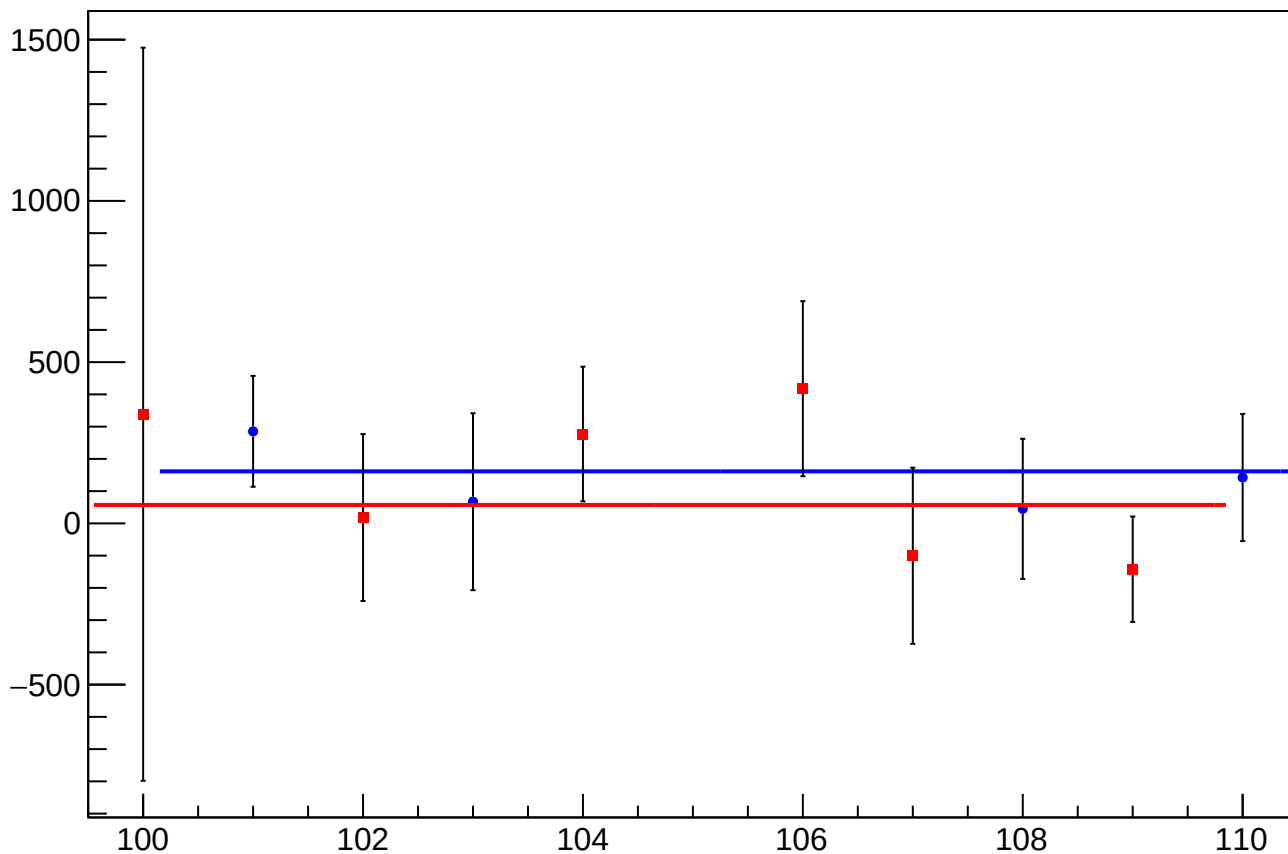
Right: 0.000+/-0.000 χ^2/NDF : 534285.0/9

In: 0.000+/-0.000 χ^2/NDF : 357588.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 534285.0/9

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 161.303 $\pm$ 103.119 χ^2 /NDF: 0.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.129 $\pm$ 98.505 χ^2 /NDF: 4.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

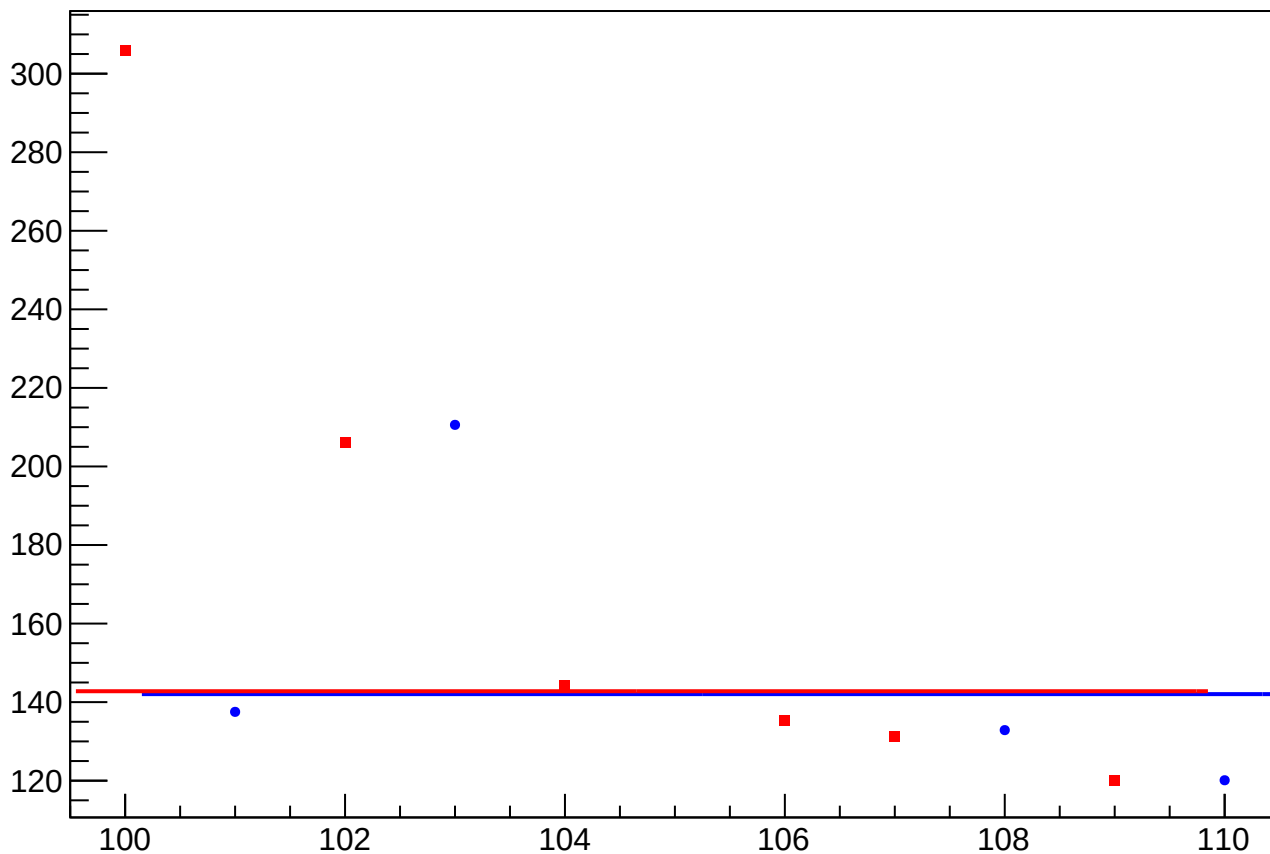
Right: 106.834 $\pm$ 71.229 χ^2 /NDF: 6.2/9

In: 161.303 $\pm$ 103.119 χ^2 /NDF: 0.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 106.834 $\pm$ 71.229 χ^2 /NDF: 6.2/9

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 142.038 $\pm$ 0.073 χ^2 /NDF: 154588.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 142.775 $\pm$ 0.070 χ^2 /NDF: 204945.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

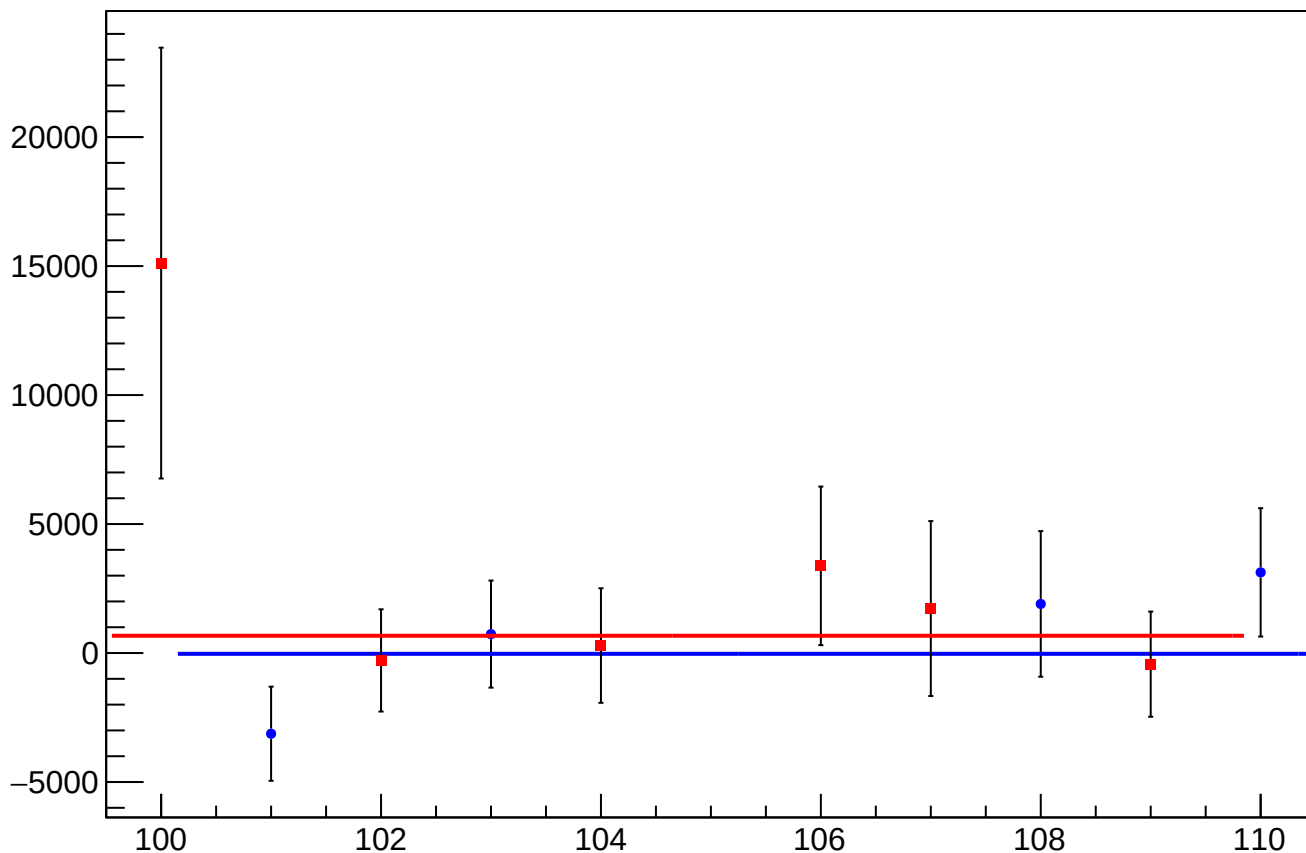
Right: 142.423 $\pm$ 0.050 χ^2 /NDF: 359587.0/9

In: 142.038 $\pm$ 0.073 χ^2 /NDF:154588.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.423 $\pm$ 0.050 χ^2 /NDF: 359587.0/9

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -30.564 ± 1104.650 χ^2/NDF : 5.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 669.741 ± 1050.943 χ^2/NDF : 4.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

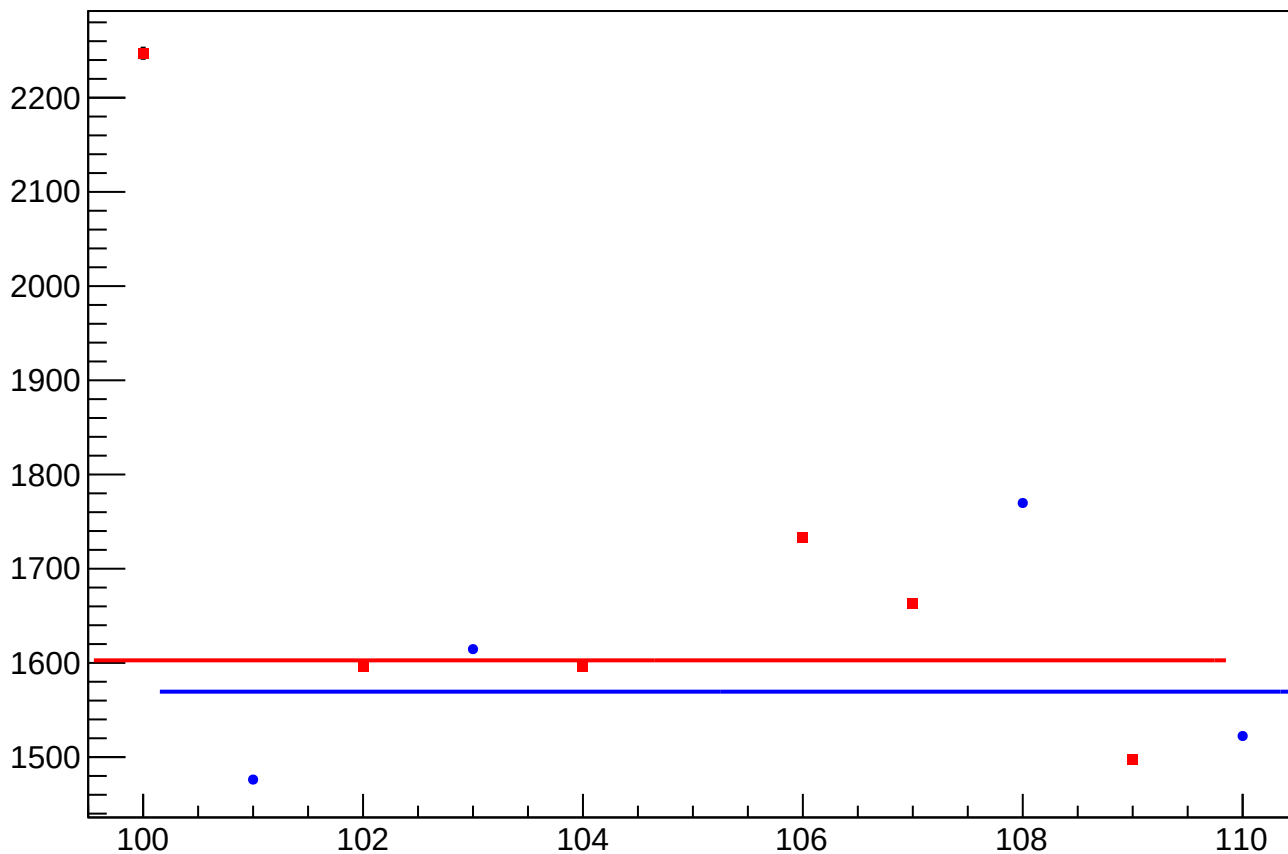
Right: 337.026 ± 761.408 χ^2/NDF : 9.7/9

In: -30.564 ± 1104.650 χ^2/NDF : 5.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 337.026 ± 761.408 χ^2/NDF : 9.7/9

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1569.467+/-0.781 χ^2/NDF : 16968.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1602.711+/-0.743 χ^2/NDF : 21490.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

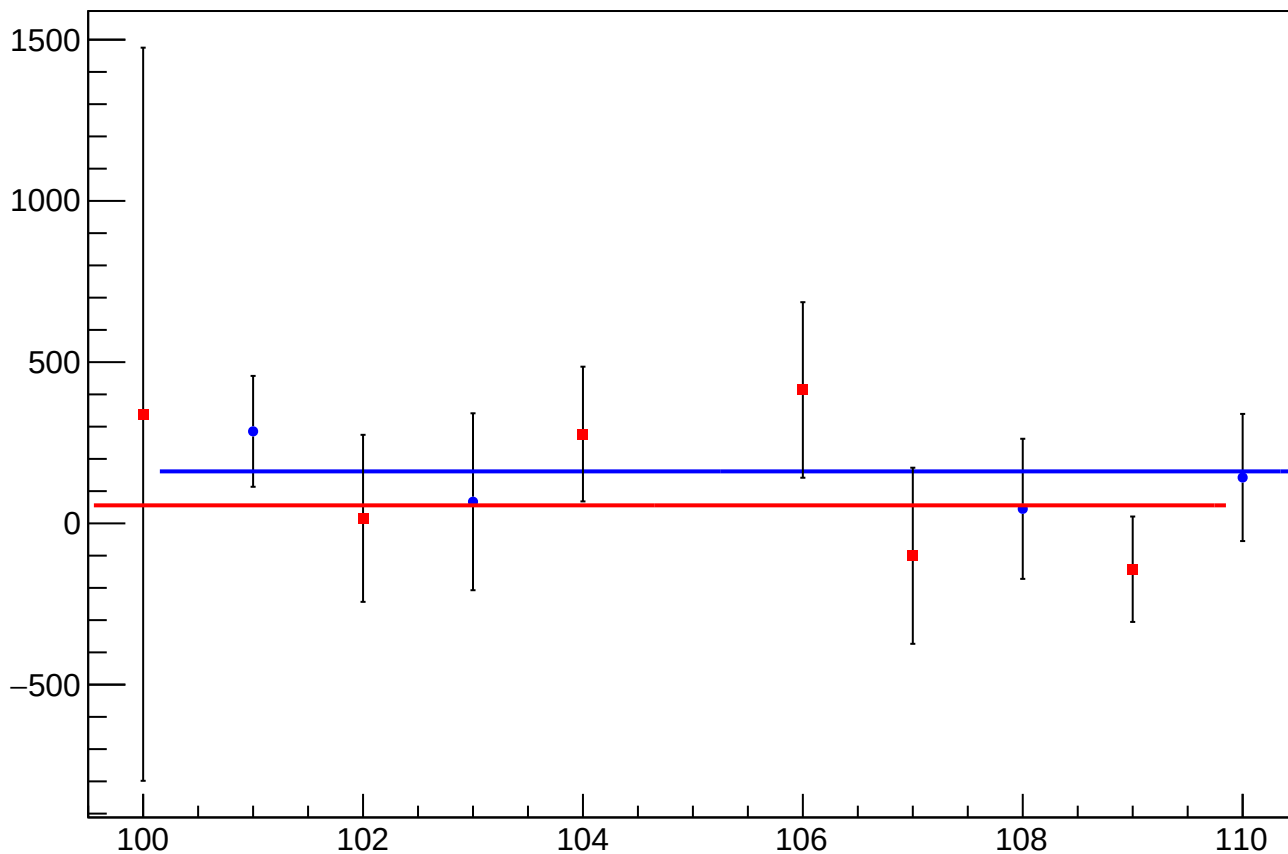
Right: 1586.917+/-0.538 χ^2/NDF : 39409.3/9

In: 1569.467+/-0.781 χ^2/NDF : 16968.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.917+/-0.538 χ^2/NDF : 39409.3/9

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 161.277 $\pm$ 103.120 χ^2 /NDF: 0.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.952 $\pm$ 98.554 χ^2 /NDF: 4.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

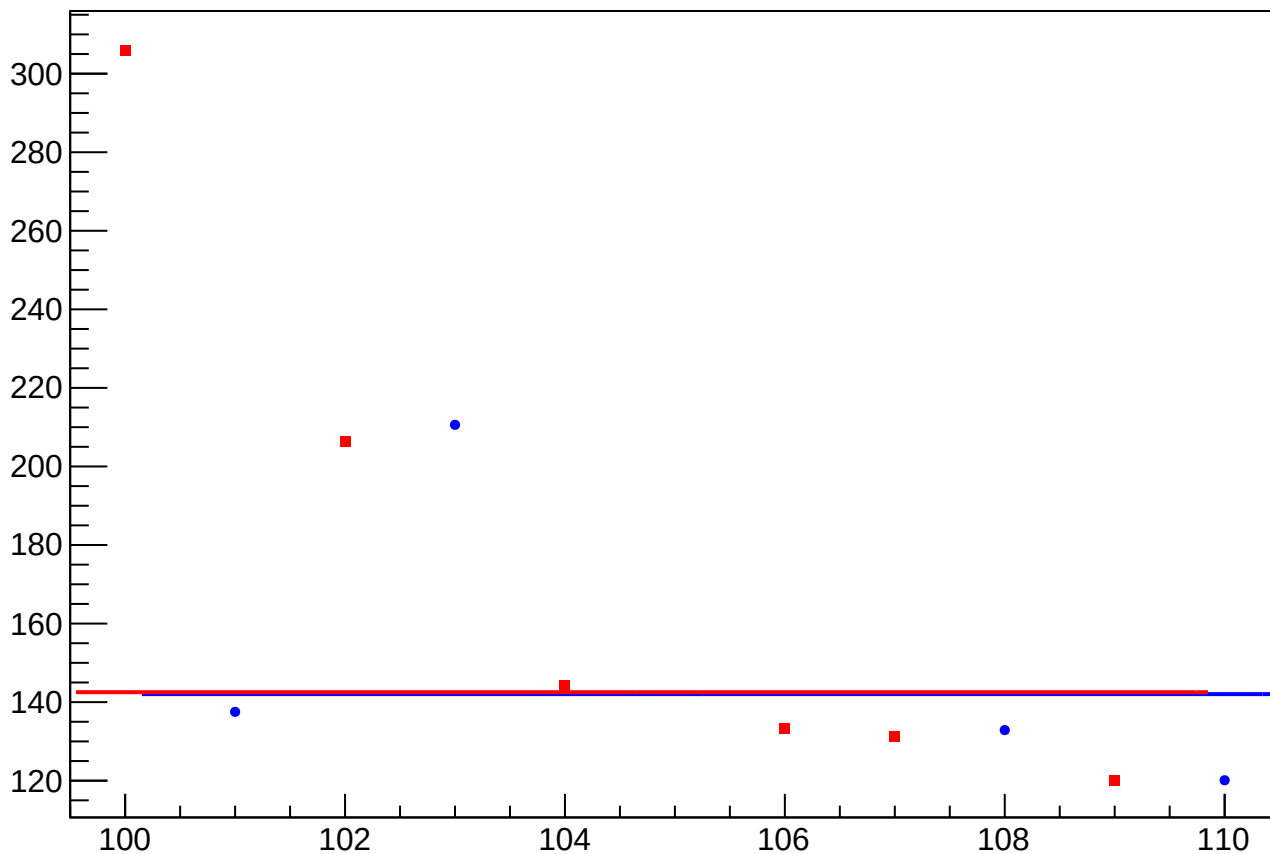
Right: 106.231 $\pm$ 71.247 χ^2 /NDF: 6.2/9

In: 161.277 $\pm$ 103.120 χ^2 /NDF: 0.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 106.231 $\pm$ 71.247 χ^2 /NDF: 6.2/9

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 142.038+/-0.073 χ^2/NDF : 154591.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.530+/-0.070 χ^2/NDF : 206106.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

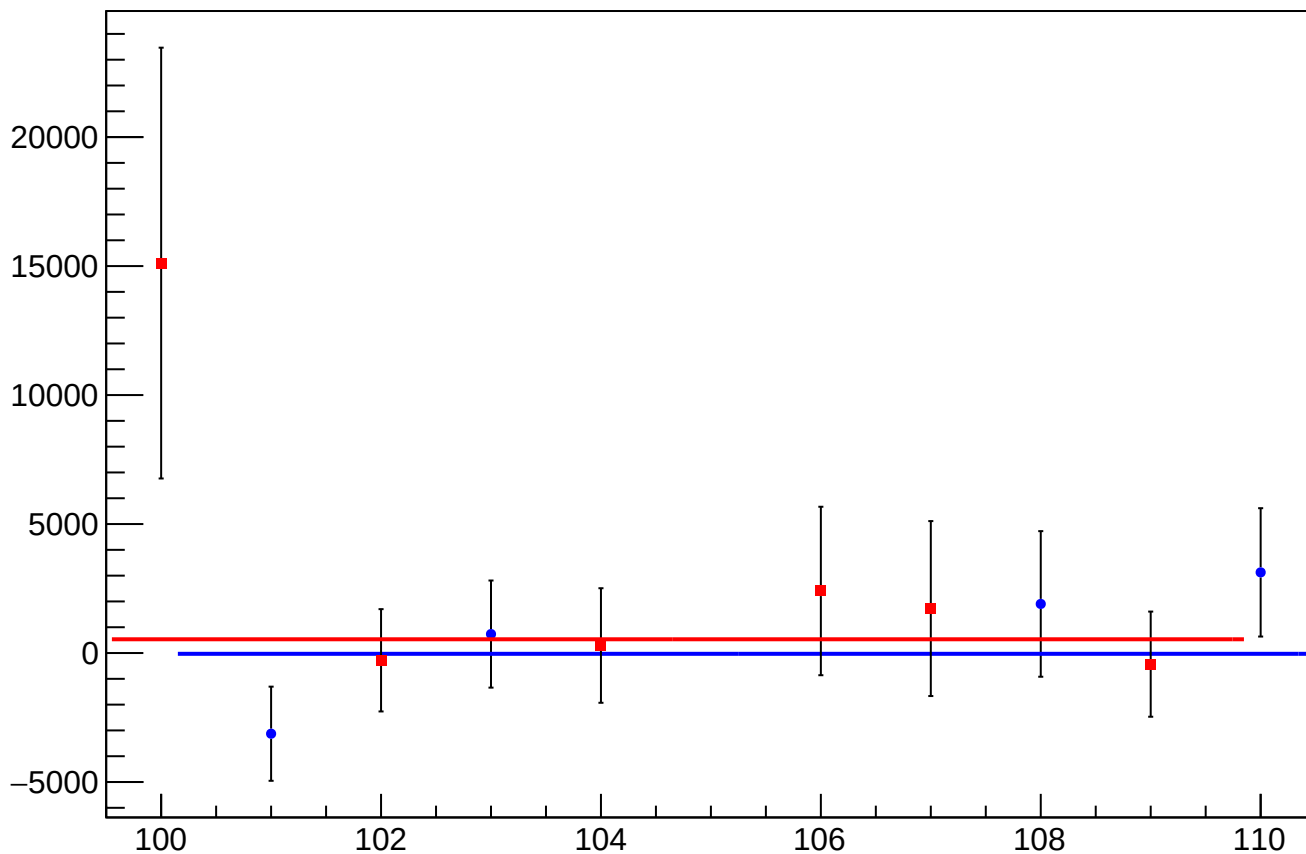
Right: 142.295+/-0.050 χ^2/NDF : 360721.7/9

In: 142.038+/-0.073 χ^2/NDF : 154591.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.295+/-0.050 χ^2/NDF : 360721.7/9

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -30.326 $\pm$ 1104.672 χ^2 /NDF: 5.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 533.029 $\pm$ 1058.226 χ^2 /NDF: 3.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

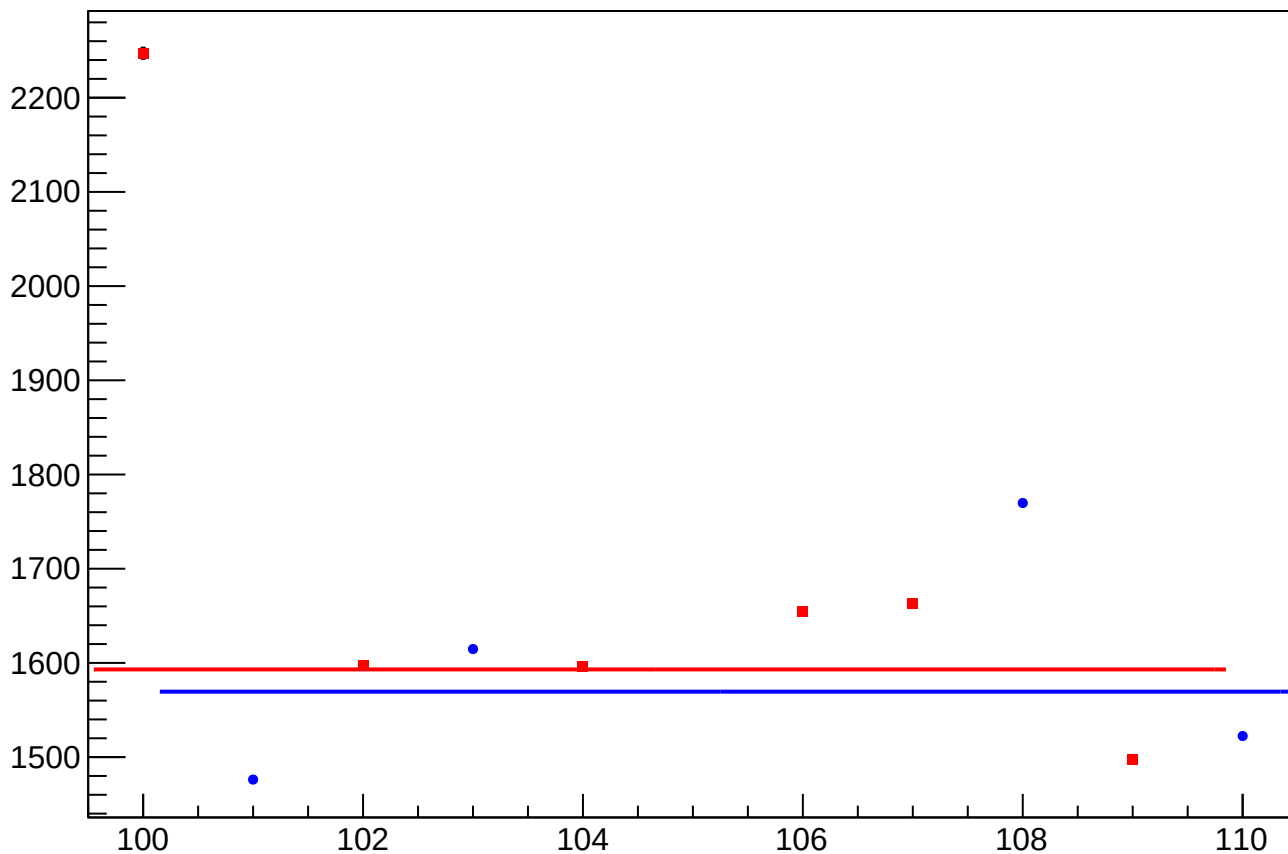
Right: 263.443 $\pm$ 764.171 χ^2 /NDF: 9.1/9

In: -30.326 $\pm$ 1104.672 χ^2 /NDF:5.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 263.443 $\pm$ 764.171 χ^2 /NDF: 9.1/9

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1569.496+/-0.781 χ^2/NDF : 16972.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.084+/-0.748 χ^2/NDF : 18227.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

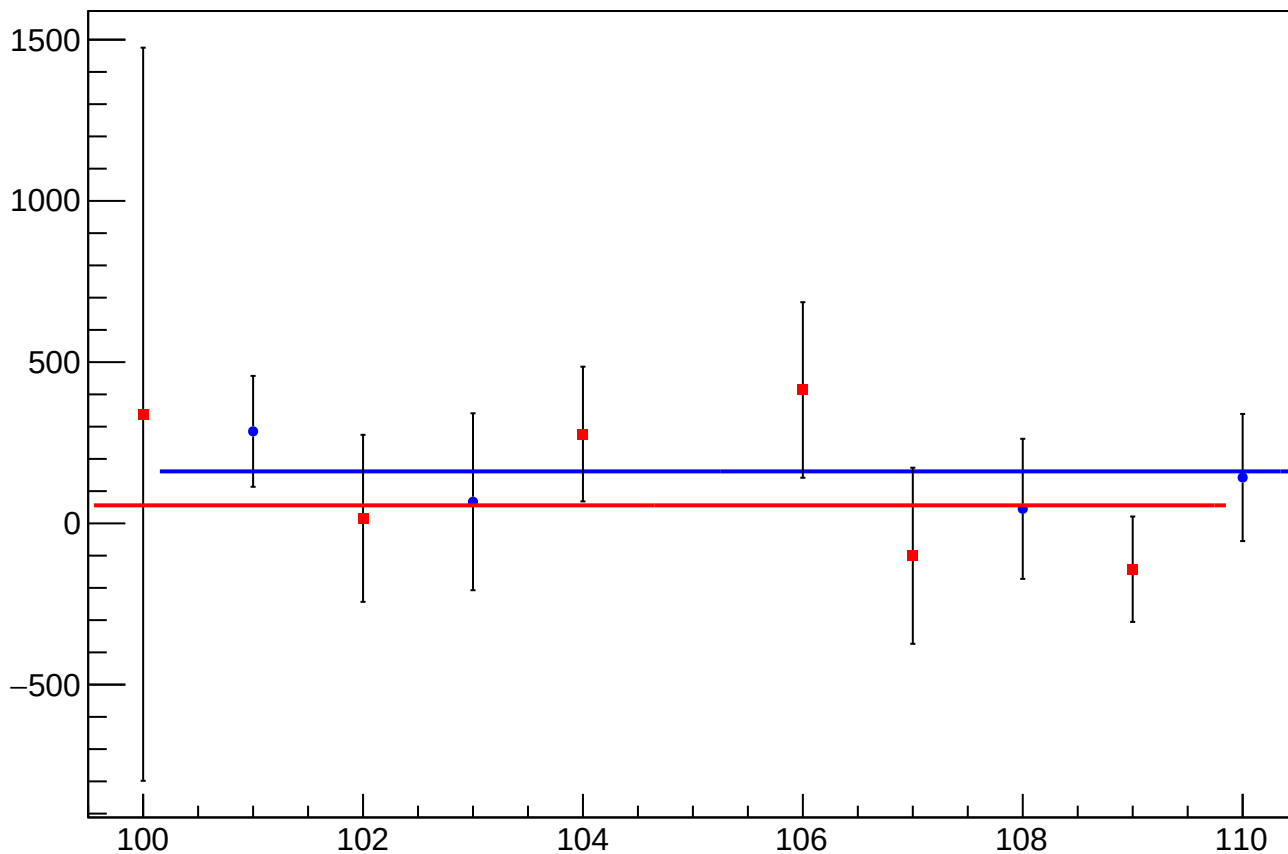
Right: 1581.796+/-0.540 χ^2/NDF : 35675.0/9

In: 1569.496+/-0.781 χ^2/NDF : 16972.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.796+/-0.540 χ^2/NDF : 35675.0/9

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 161.277+/-103.120 χ^2/NDF : 0.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.952+/-98.554 χ^2/NDF : 4.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

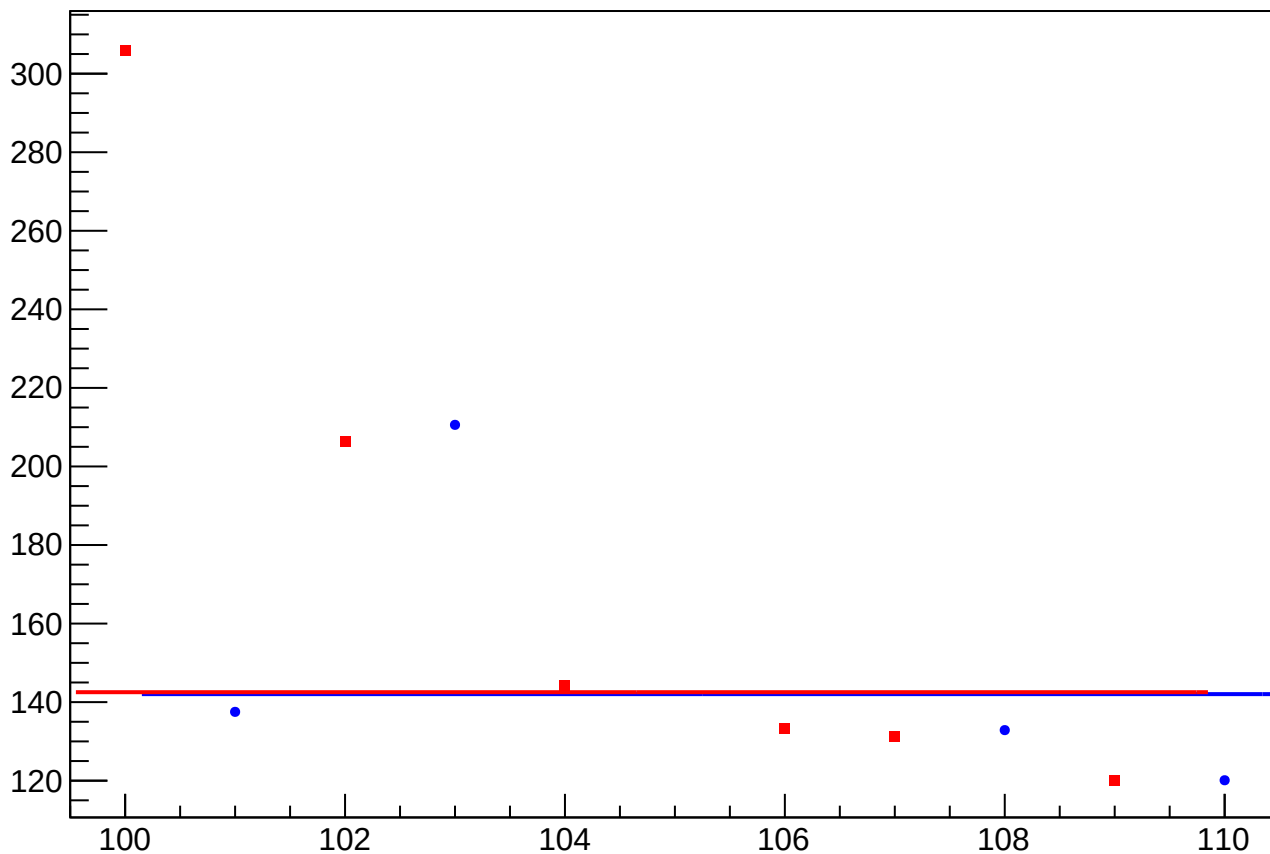
Right: 106.231+/-71.247 χ^2/NDF : 6.2/9

In: 161.277+/-103.120 χ^2/NDF : 0.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.231+/-71.247 χ^2/NDF : 6.2/9

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 142.038+/-0.073 χ^2/NDF : 154591.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.530+/-0.070 χ^2/NDF : 206106.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

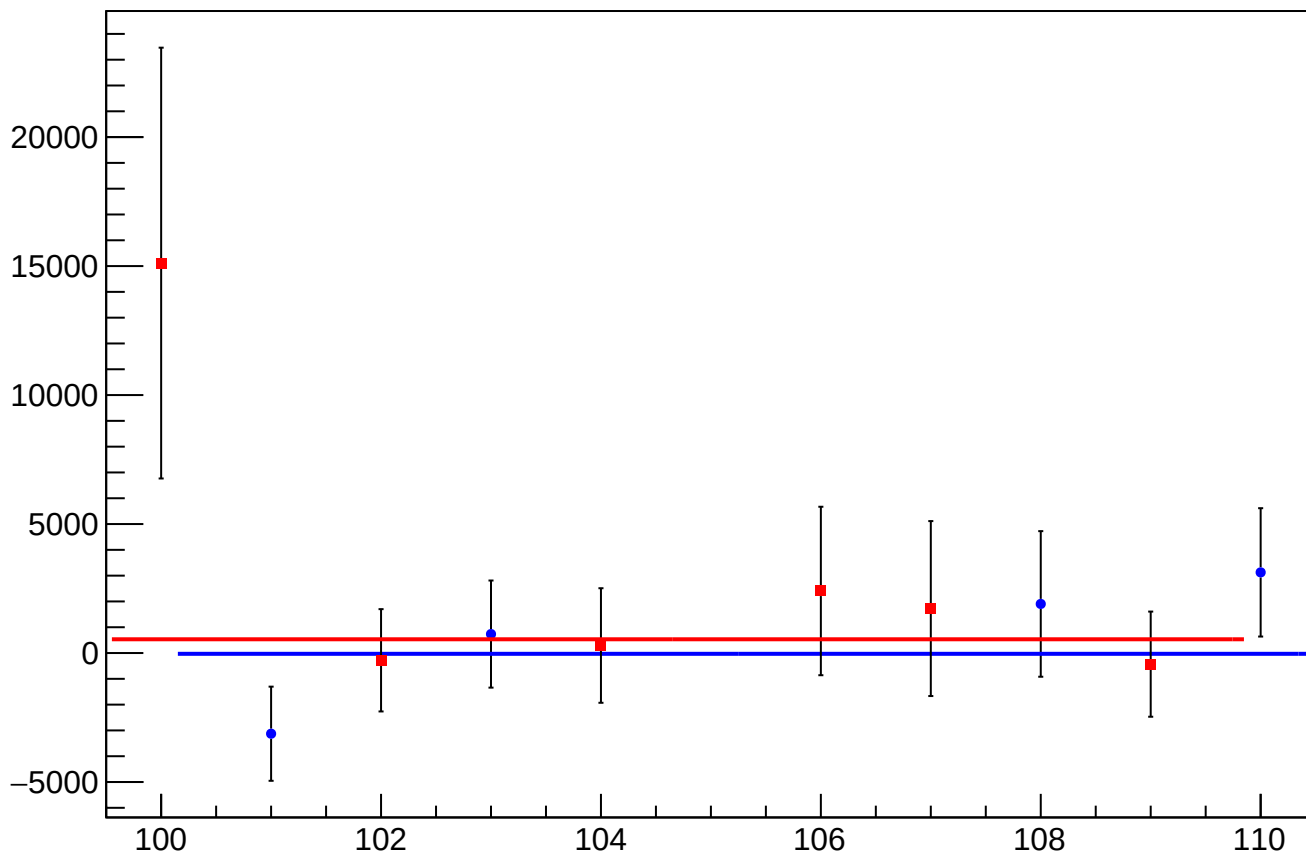
Right: 142.295+/-0.050 χ^2/NDF : 360721.7/9

In: 142.038+/-0.073 χ^2/NDF : 154591.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.295+/-0.050 χ^2/NDF : 360721.7/9

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -30.326+/-1104.672 χ^2/NDF : 5.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.029+/-1058.226 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

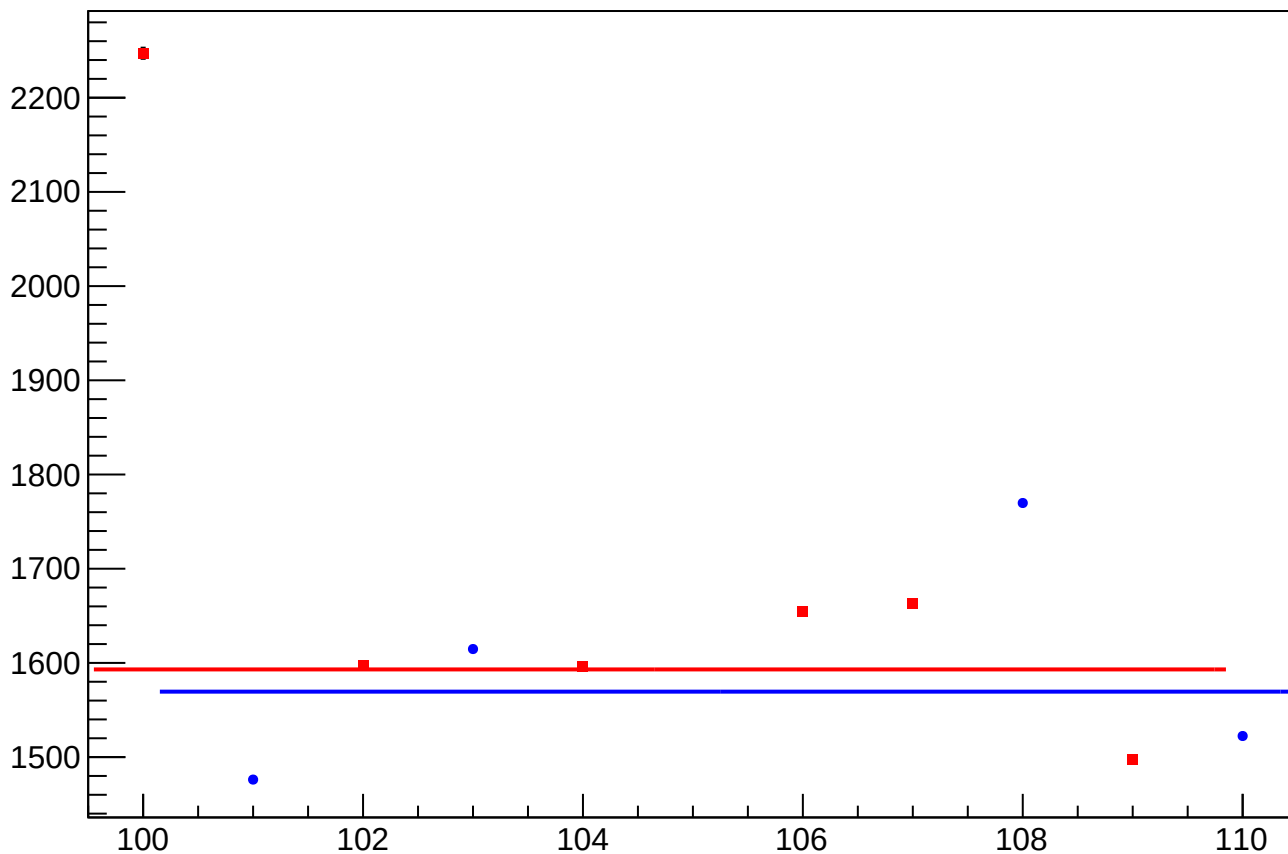
Right: 263.443+/-764.171 χ^2/NDF : 9.1/9

In: -30.326+/-1104.672 χ^2/NDF : 5.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.443+/-764.171 χ^2/NDF : 9.1/9

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1569.496+/-0.781 χ^2/NDF : 16972.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.084+/-0.748 χ^2/NDF : 18227.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

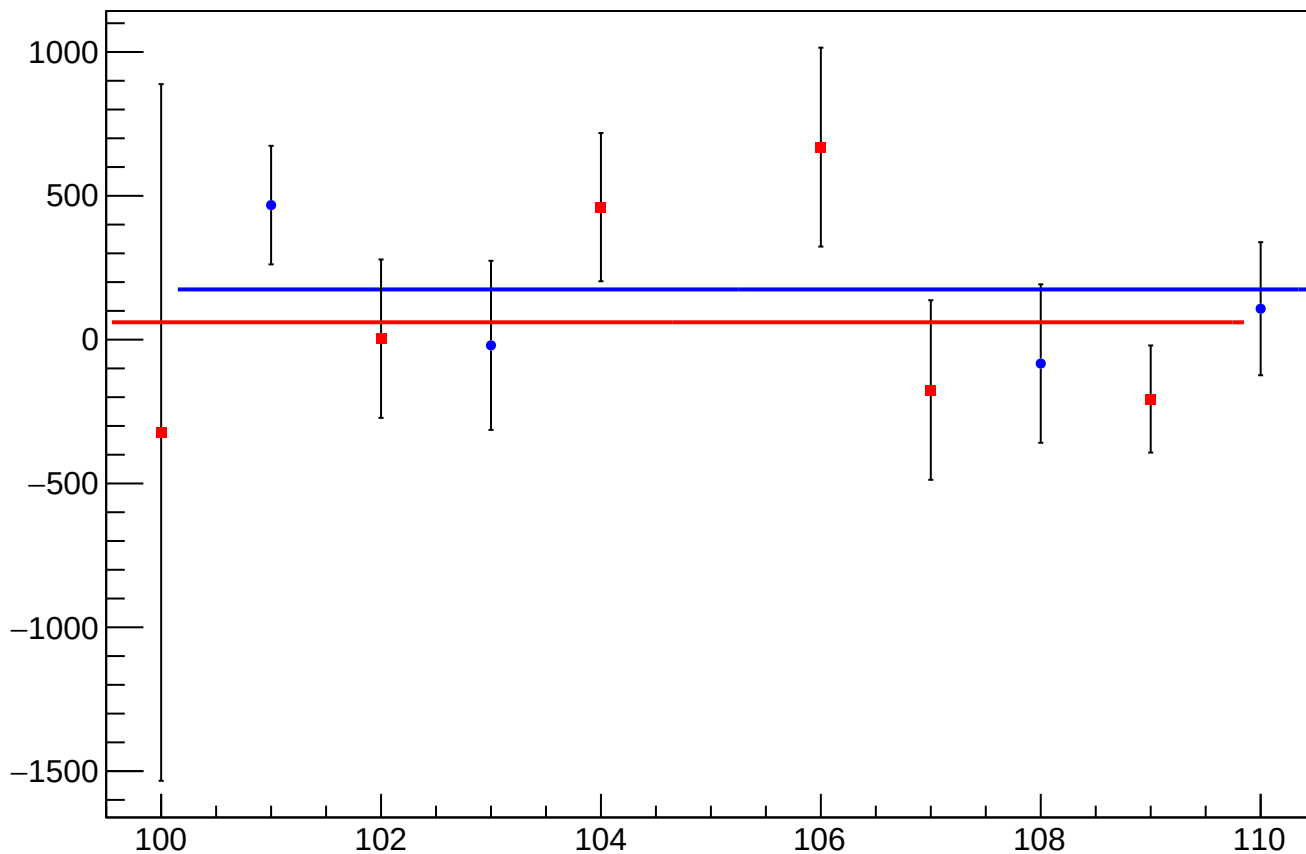
Right: 1581.796+/-0.540 χ^2/NDF : 35675.0/9

In: 1569.496+/-0.781 χ^2/NDF : 16972.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.796+/-0.540 χ^2/NDF : 35675.0/9

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 174.589 $\pm$ 122.182 χ^2 /NDF: 3.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.340 $\pm$ 114.390 χ^2 /NDF: 8.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

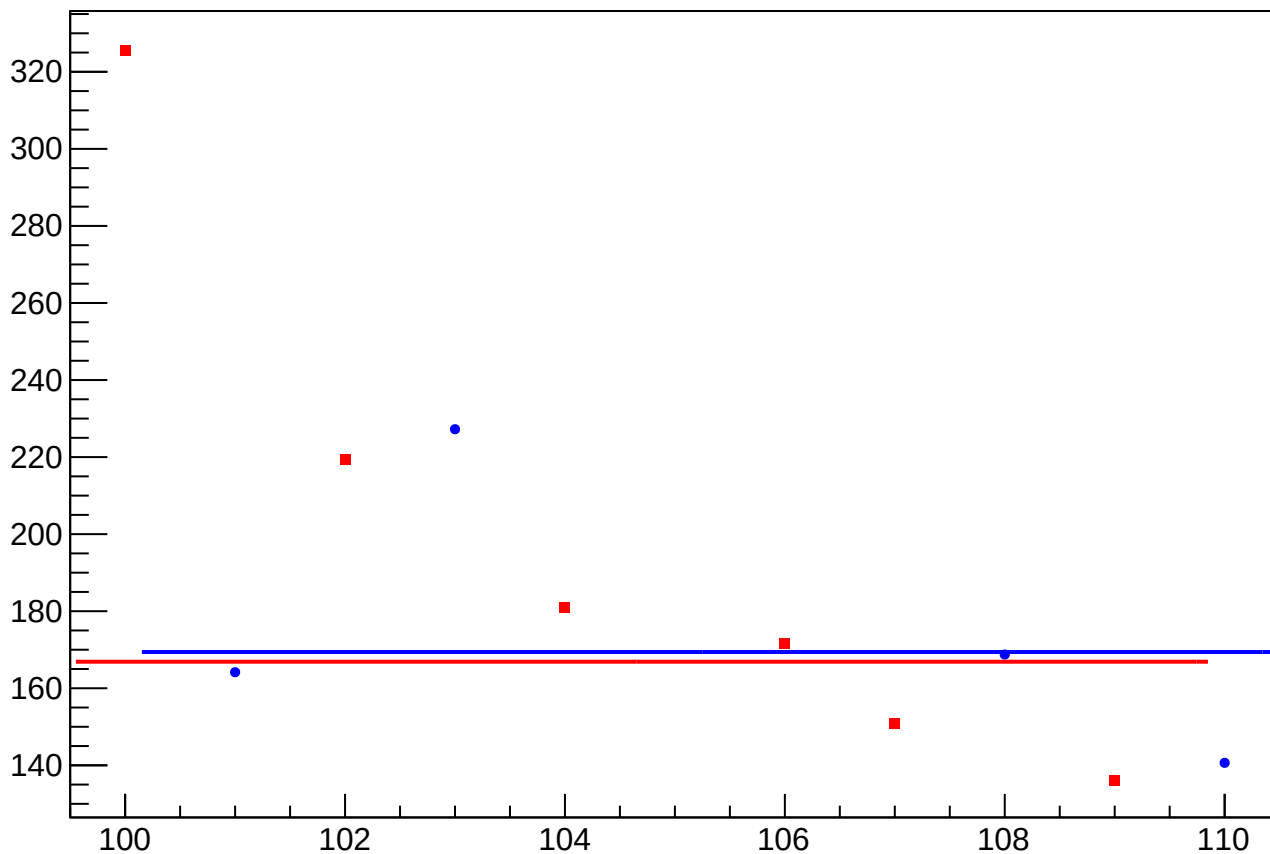
Right: 113.705 $\pm$ 83.505 χ^2 /NDF: 12.2/9

In: 174.589 $\pm$ 122.182 χ^2 /NDF: 3.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 113.705 $\pm$ 83.505 χ^2 /NDF: 12.2/9

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 169.406 $\pm$ 0.086 χ^2 /NDF: 109615.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 166.890 $\pm$ 0.081 χ^2 /NDF: 173459.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

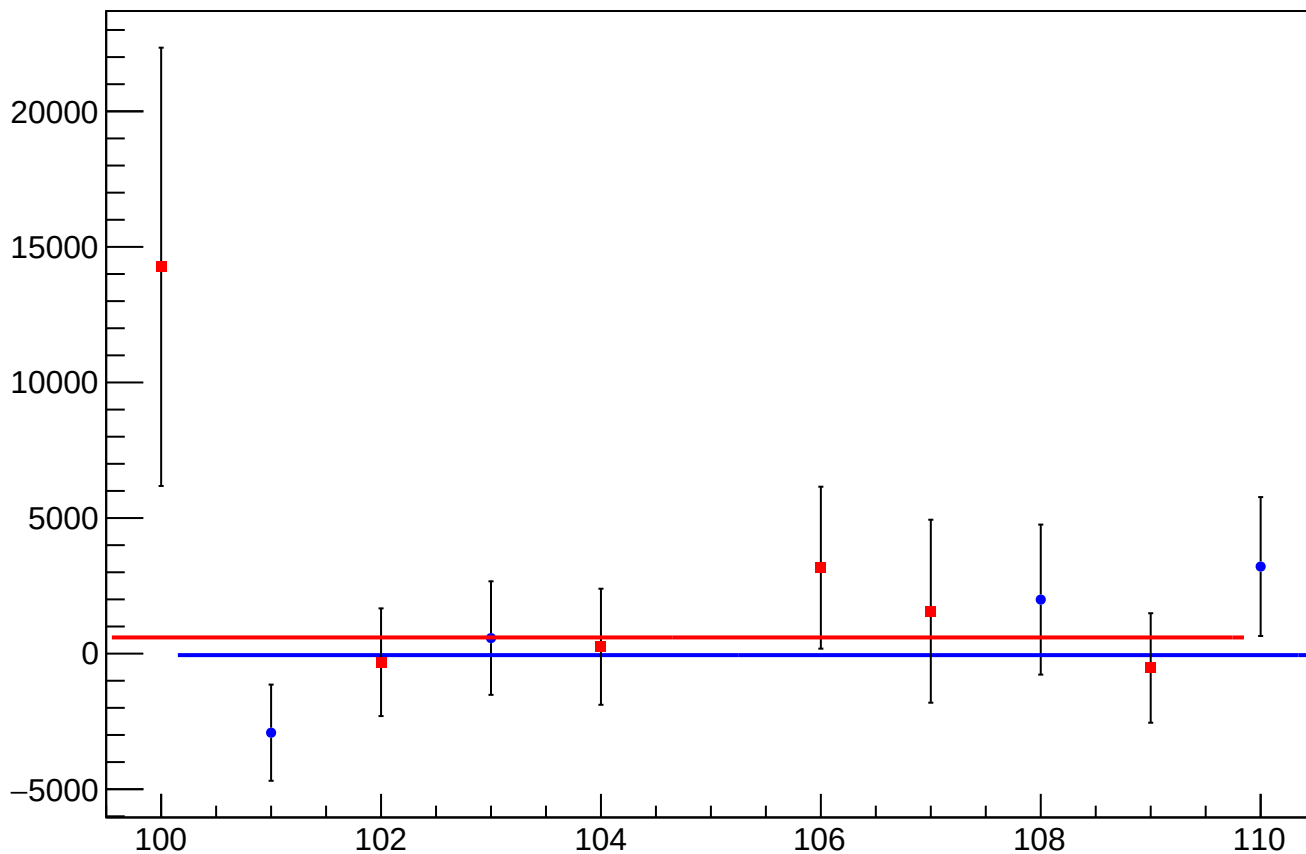
Right: 168.065 $\pm$ 0.059 χ^2 /NDF: 283527.6/9

In: 169.406 $\pm$ 0.086 χ^2 /NDF:109615.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.065 $\pm$ 0.059 χ^2 /NDF: 283527.6/9

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -55.566 $\pm$ 1098.340 χ^2 /NDF: 4.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 596.303 $\pm$ 1035.588 χ^2 /NDF: 4.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

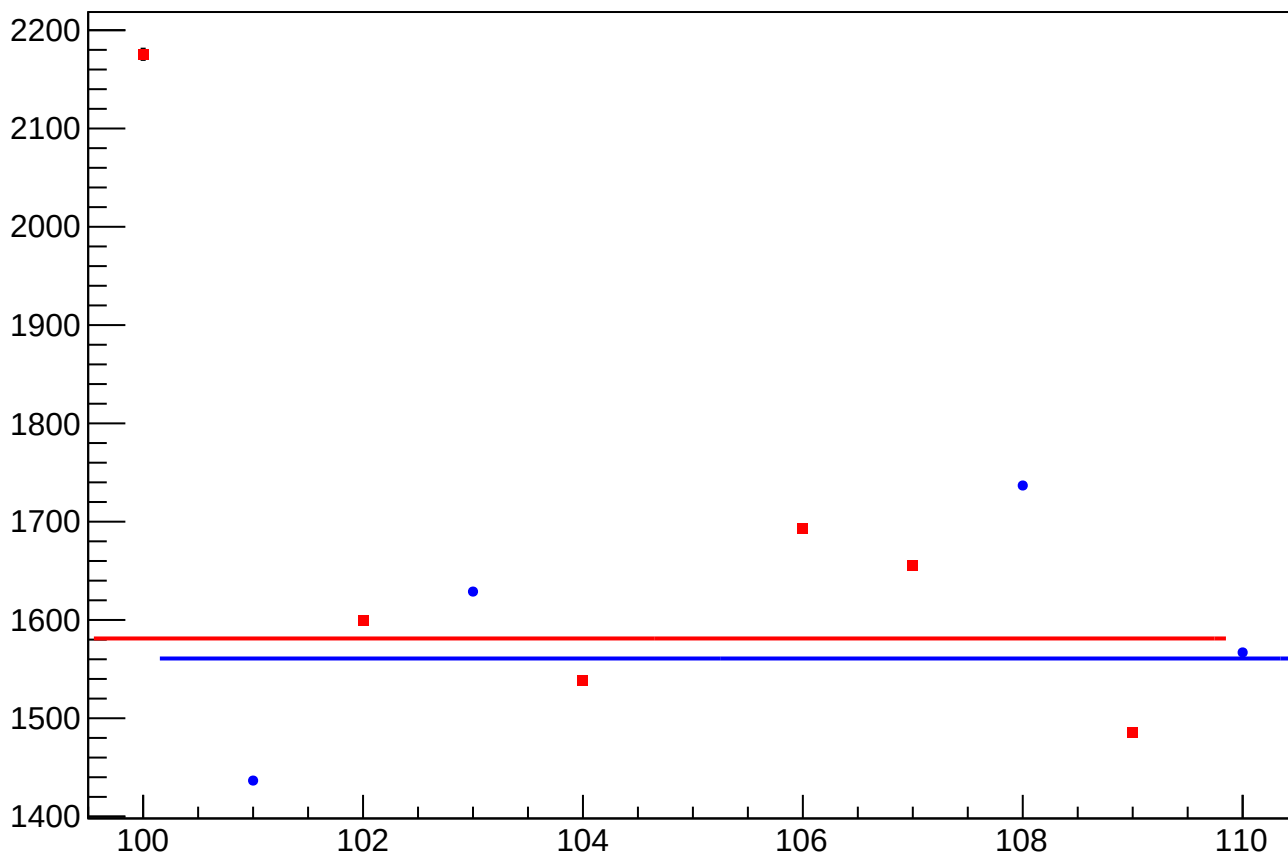
Right: 289.521 $\pm$ 753.479 χ^2 /NDF: 9.3/9

In: -55.566 $\pm$ 1098.340 χ^2 /NDF:4.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 289.521 $\pm$ 753.479 χ^2 /NDF: 9.3/9

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1560.800+/-0.777 χ^2/NDF : 20021.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.173+/-0.732 χ^2/NDF : 20054.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

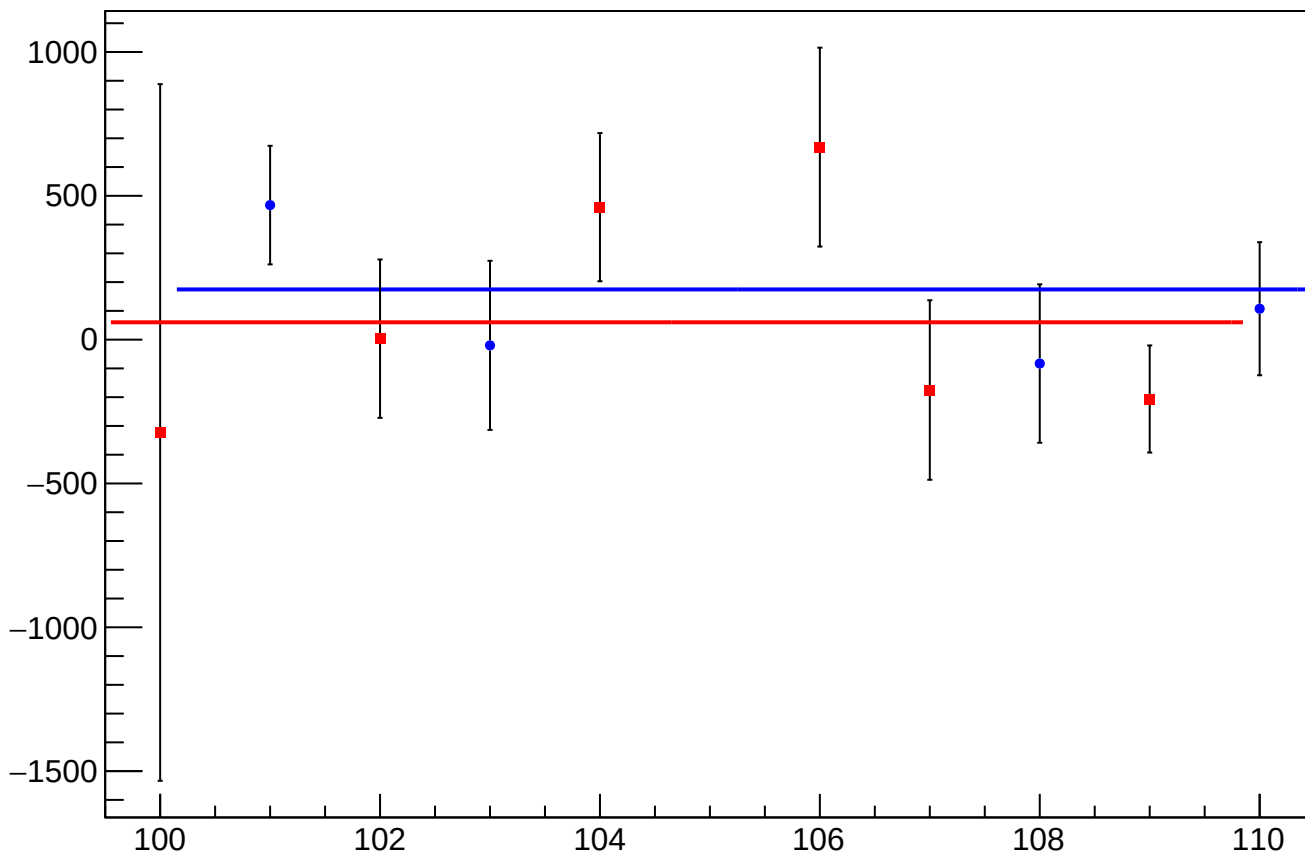
Right: 1571.585+/-0.533 χ^2/NDF : 40440.3/9

In: 1560.800+/-0.777 χ^2/NDF : 20021.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.585+/-0.533 χ^2/NDF : 40440.3/9

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 174.583 $\pm$ 122.182 χ^2 /NDF: 3.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.340 $\pm$ 114.390 χ^2 /NDF: 8.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

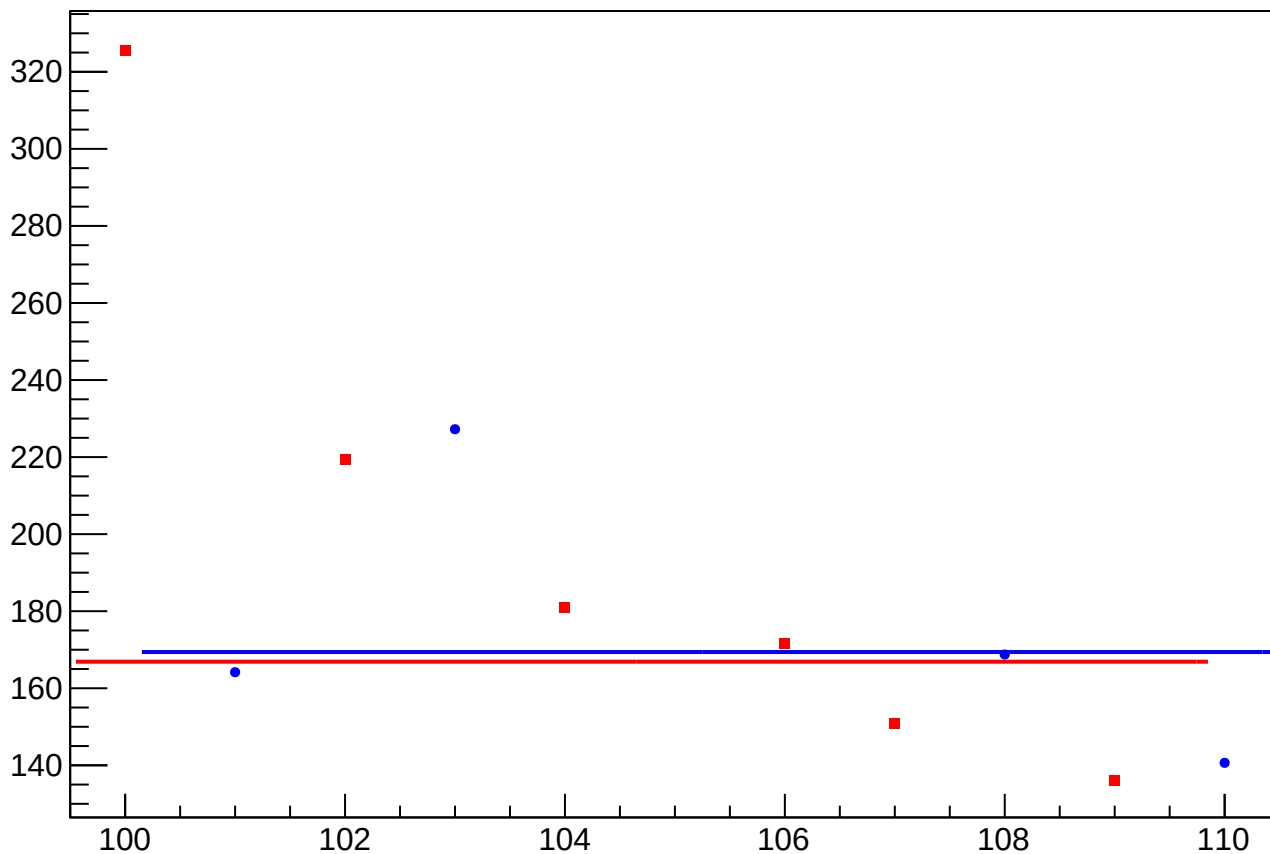
Right: 113.703 $\pm$ 83.505 χ^2 /NDF: 12.2/9

In: 174.583 $\pm$ 122.182 χ^2 /NDF:3.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.703 $\pm$ 83.505 χ^2 /NDF: 12.2/9

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 169.405+/-0.086 χ^2/NDF : 109620.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.890+/-0.081 χ^2/NDF : 173461.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

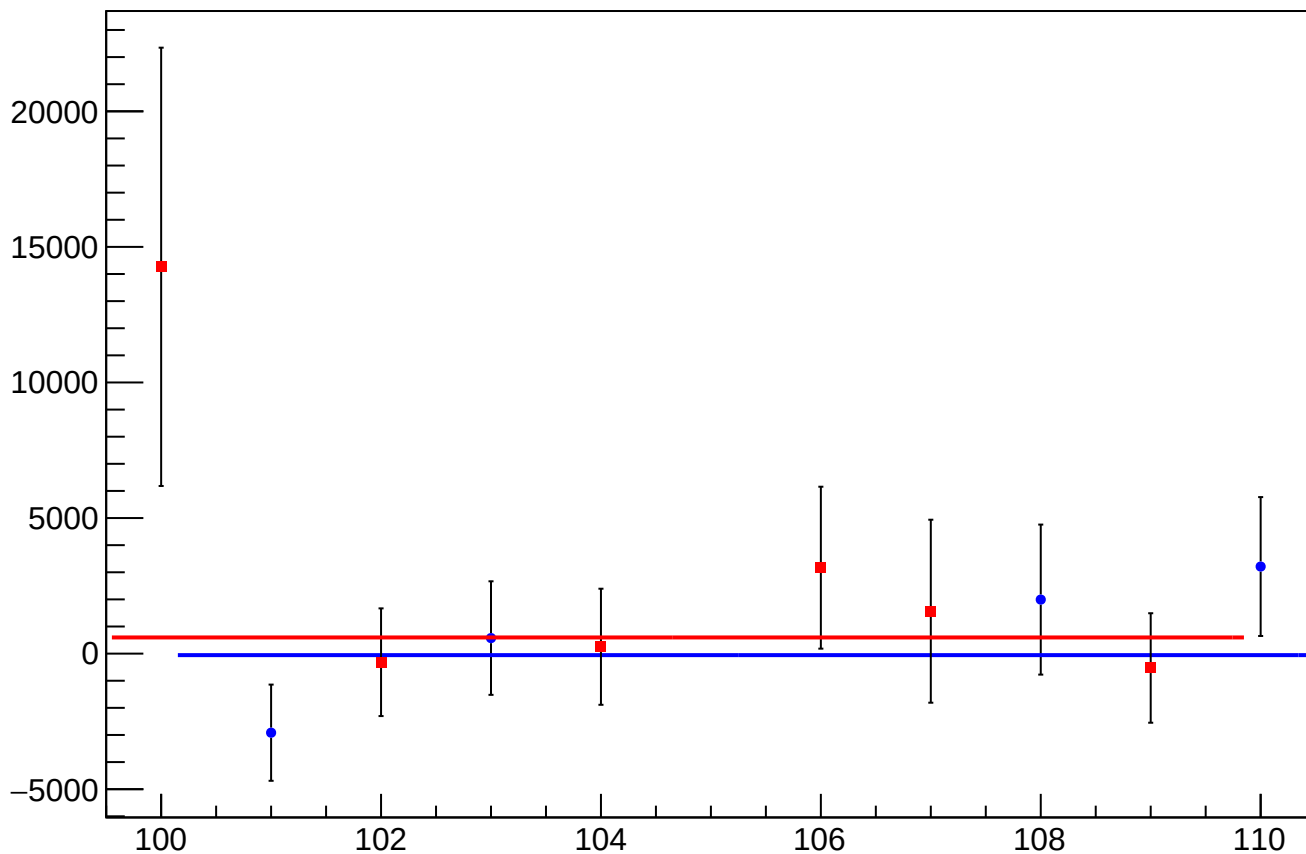
Right: 168.065+/-0.059 χ^2/NDF : 283533.3/9

In: 169.405+/-0.086 χ^2/NDF : 109620.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.065+/-0.059 χ^2/NDF : 283533.3/9

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -55.565+/-1098.337 χ^2/NDF : 4.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 596.301+/-1035.586 χ^2/NDF : 4.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

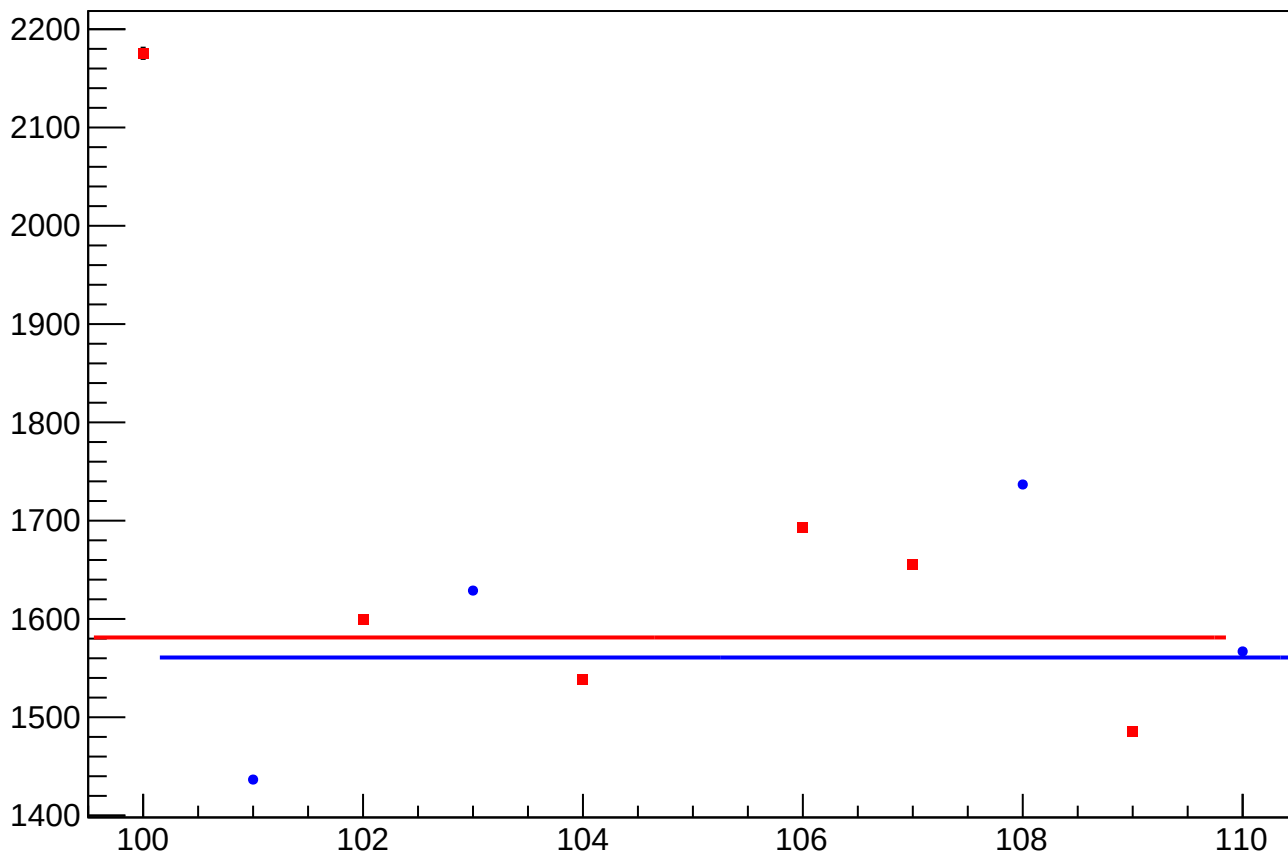
Right: 289.520+/-753.477 χ^2/NDF : 9.3/9

In: -55.565+/-1098.337 χ^2/NDF : 4.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.520+/-753.477 χ^2/NDF : 9.3/9

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1560.796+/-0.777 χ^2/NDF : 20021.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.169+/-0.732 χ^2/NDF : 20054.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

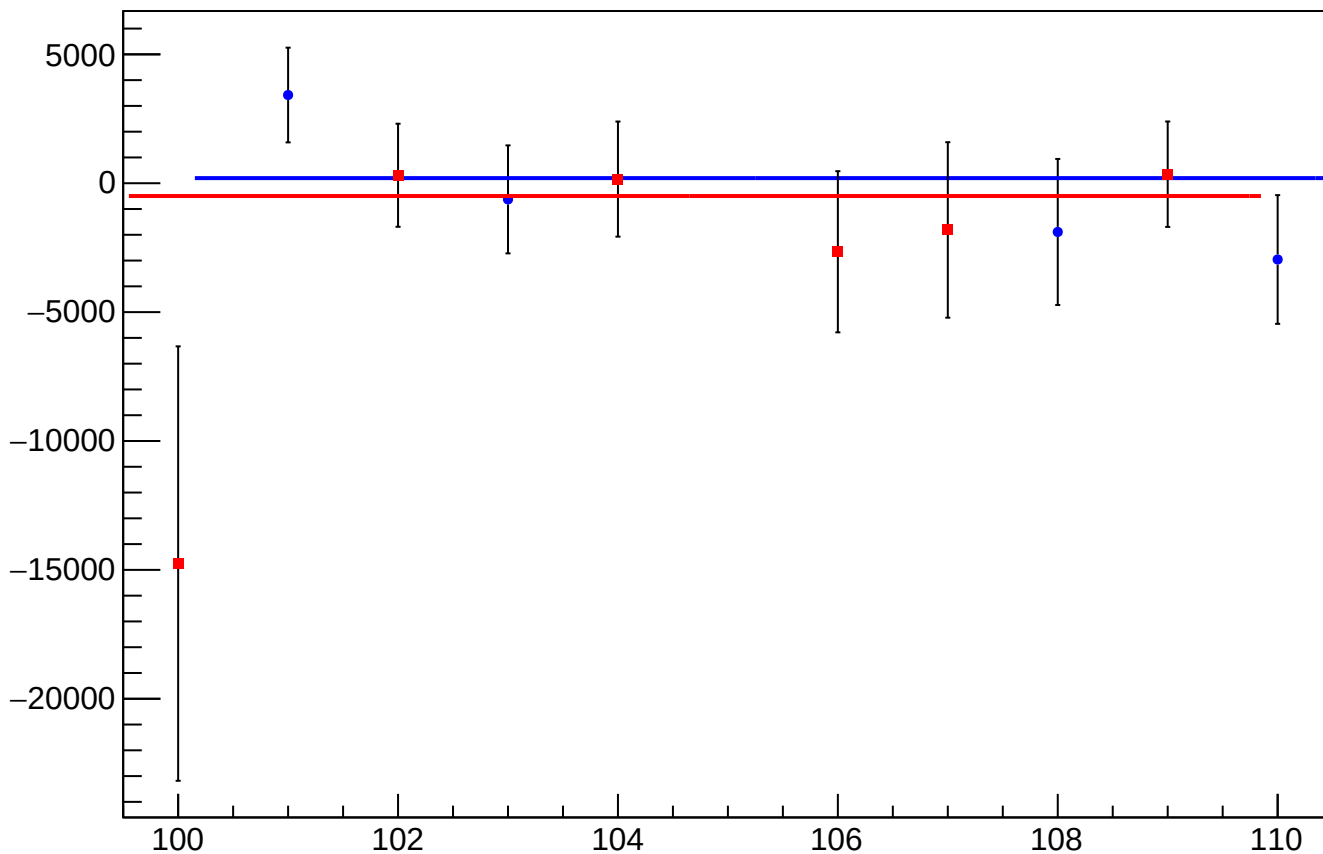
Right: 1571.581+/-0.533 χ^2/NDF : 40440.4/9

In: 1560.796+/-0.777 χ^2/NDF : 20021.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.581+/-0.533 χ^2/NDF : 40440.4/9

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 198.843+/-1111.661 χ^2/NDF : 5.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -496.110+/-1058.528 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

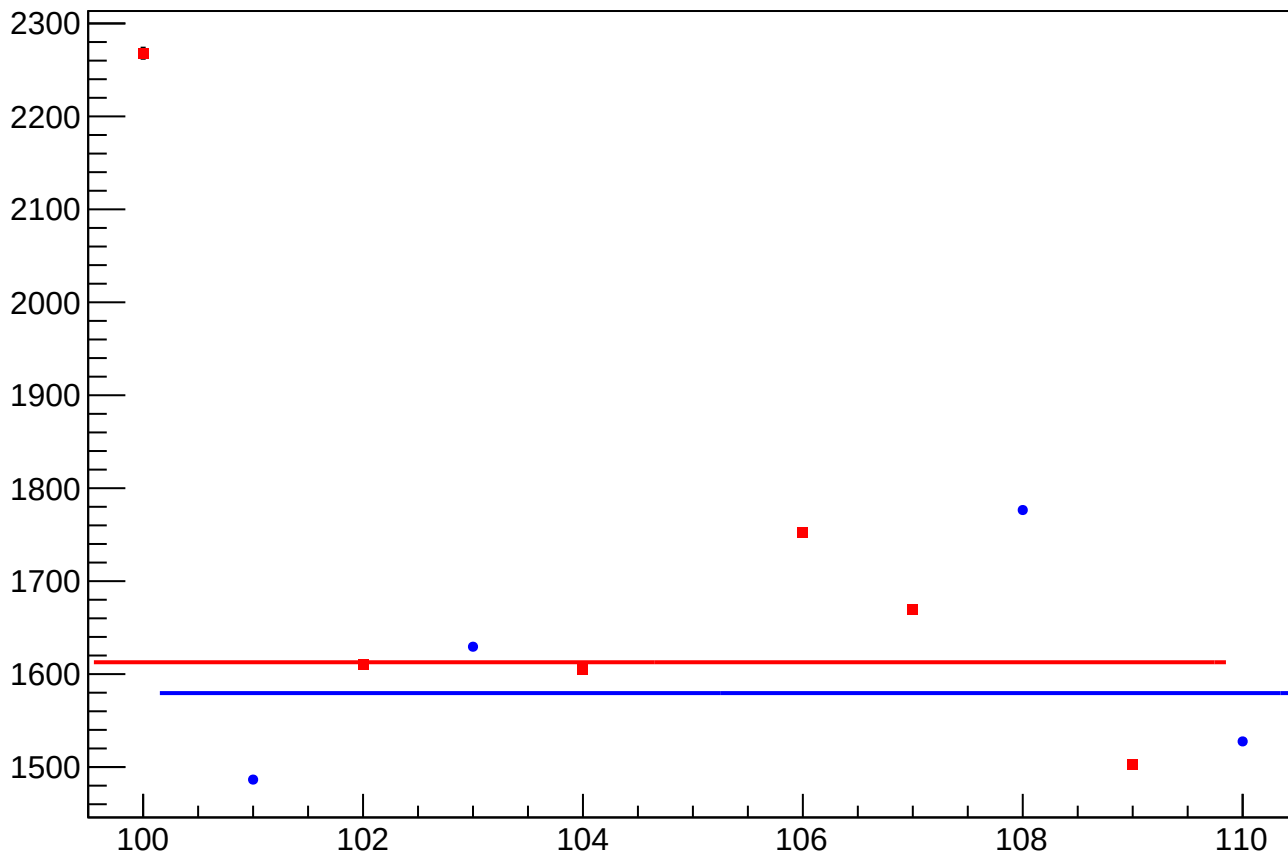
Right: -165.638+/-766.588 χ^2/NDF : 9.5/9

In: 198.843+/-1111.661 χ^2/NDF : 5.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -165.638+/-766.588 χ^2/NDF : 9.5/9

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1579.570+/-0.786 χ^2/NDF : 16800.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.754+/-0.748 χ^2/NDF : 22413.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

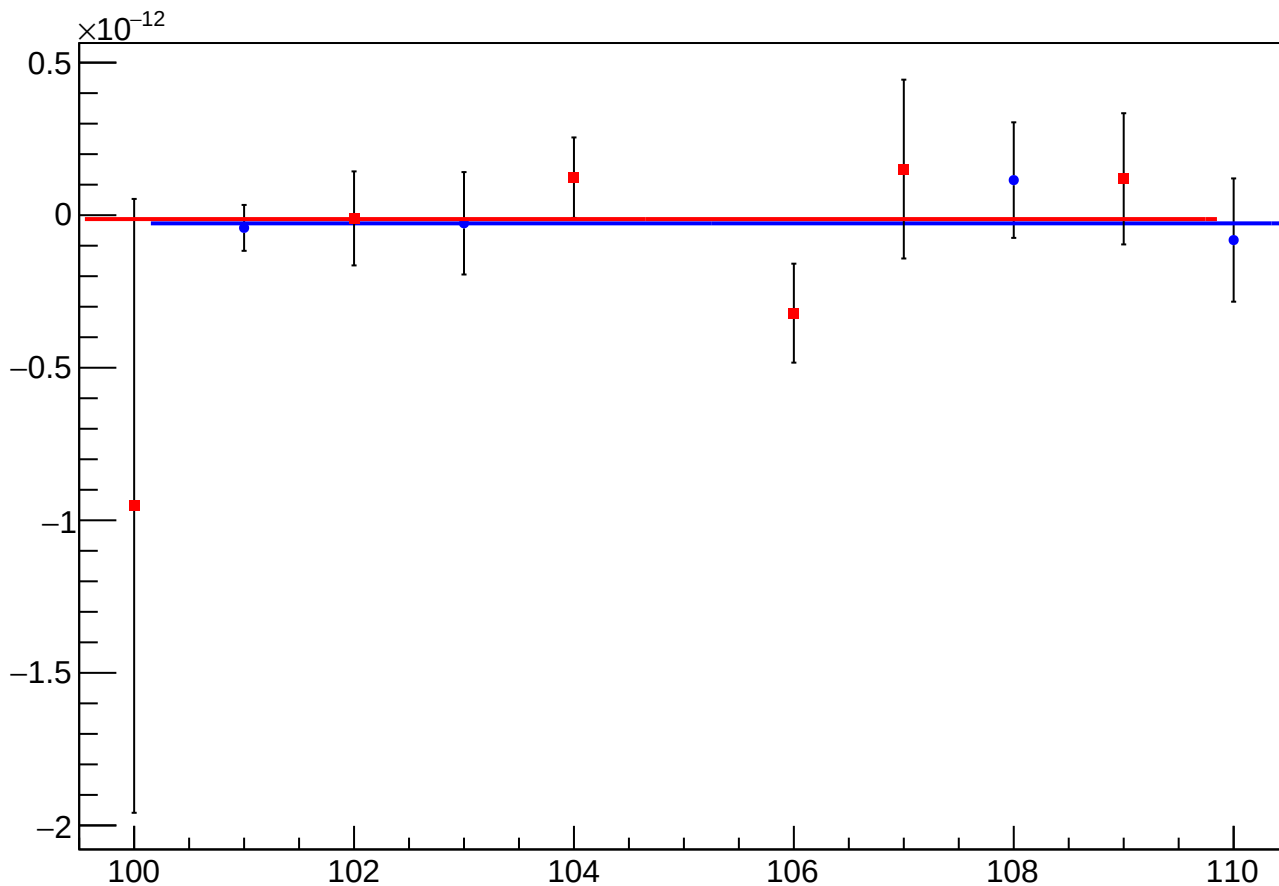
Right: 1596.974+/-0.542 χ^2/NDF : 40148.6/9

In: 1579.570+/-0.786 χ^2/NDF : 16800.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.974+/-0.542 χ^2/NDF : 40148.6/9

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.7/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.2/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

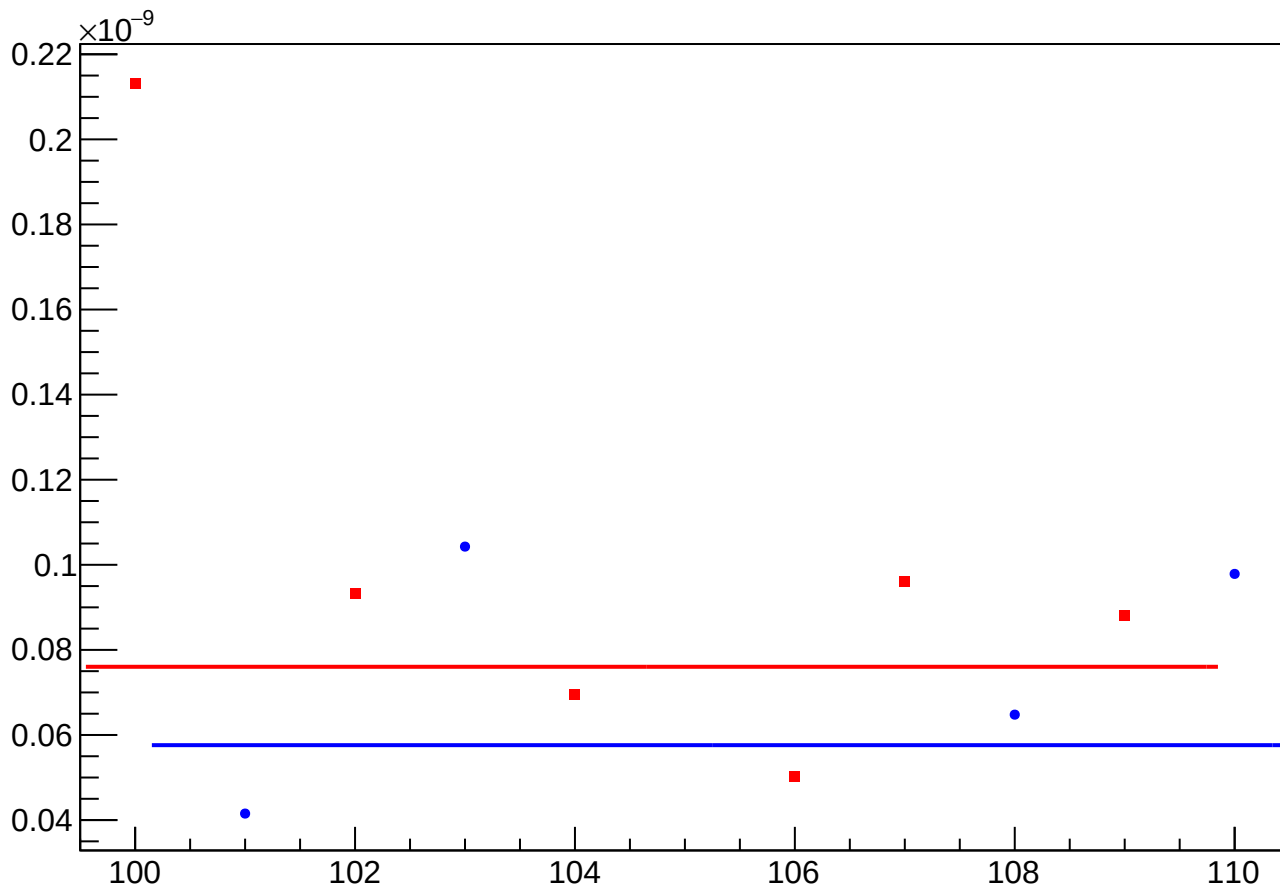
Right: -0.000+/-0.000 χ^2 /NDF: 6.9/9

In: -0.000+/-0.000 χ^2 /NDF:0.7/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.9/9

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 328396.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 132962.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

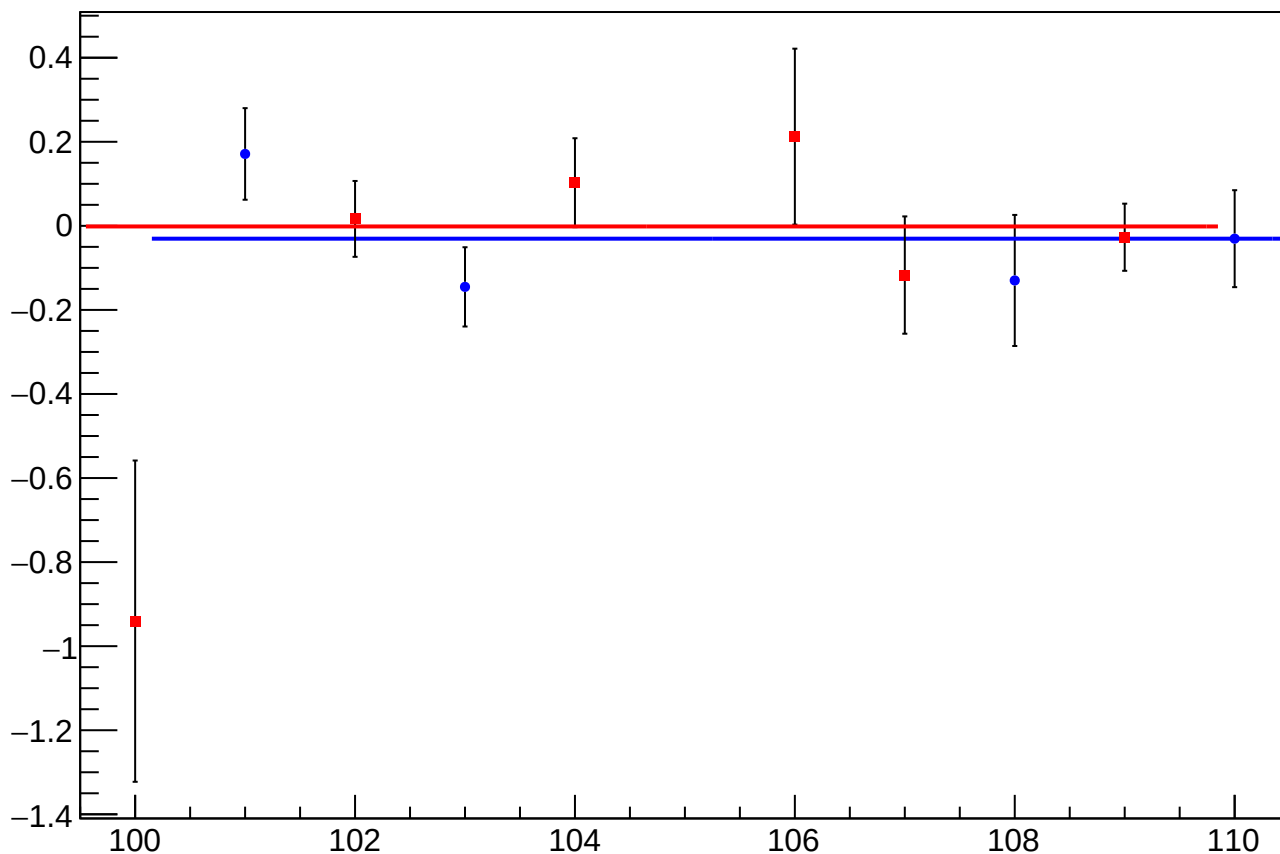
Right: 0.000+/-0.000 χ^2/NDF : 532100.5/9

In: 0.000+/-0.000 χ^2/NDF : 328396.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 532100.5/9

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.057 χ^2 /NDF: 5.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.047 χ^2 /NDF: 8.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

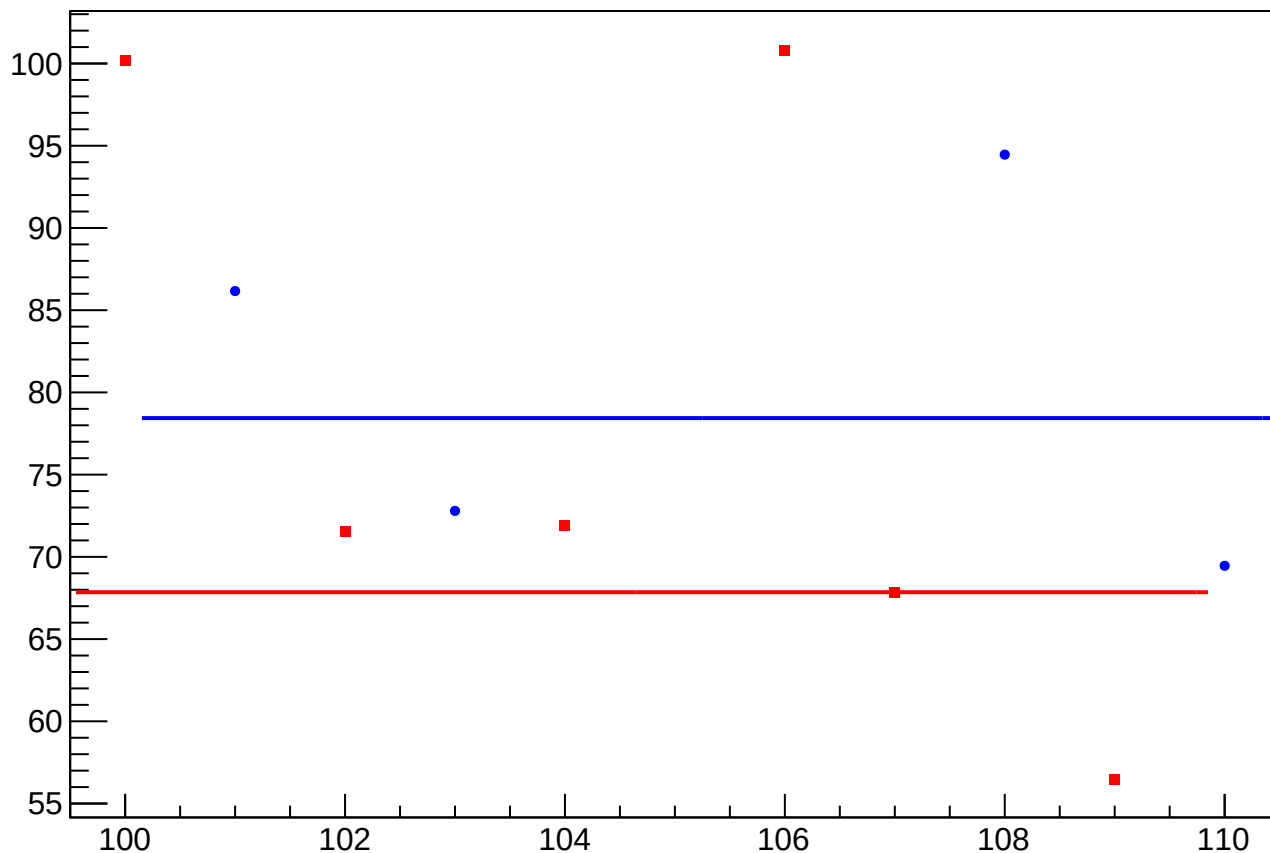
Right: -0.013 $\pm$ 0.036 χ^2 /NDF: 14.3/9

In: -0.031 $\pm$ 0.057 χ^2 /NDF:5.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.036 χ^2 /NDF: 14.3/9

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.438+/-0.040 χ^2/NDF : 50456.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.849+/-0.033 χ^2/NDF : 111039.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

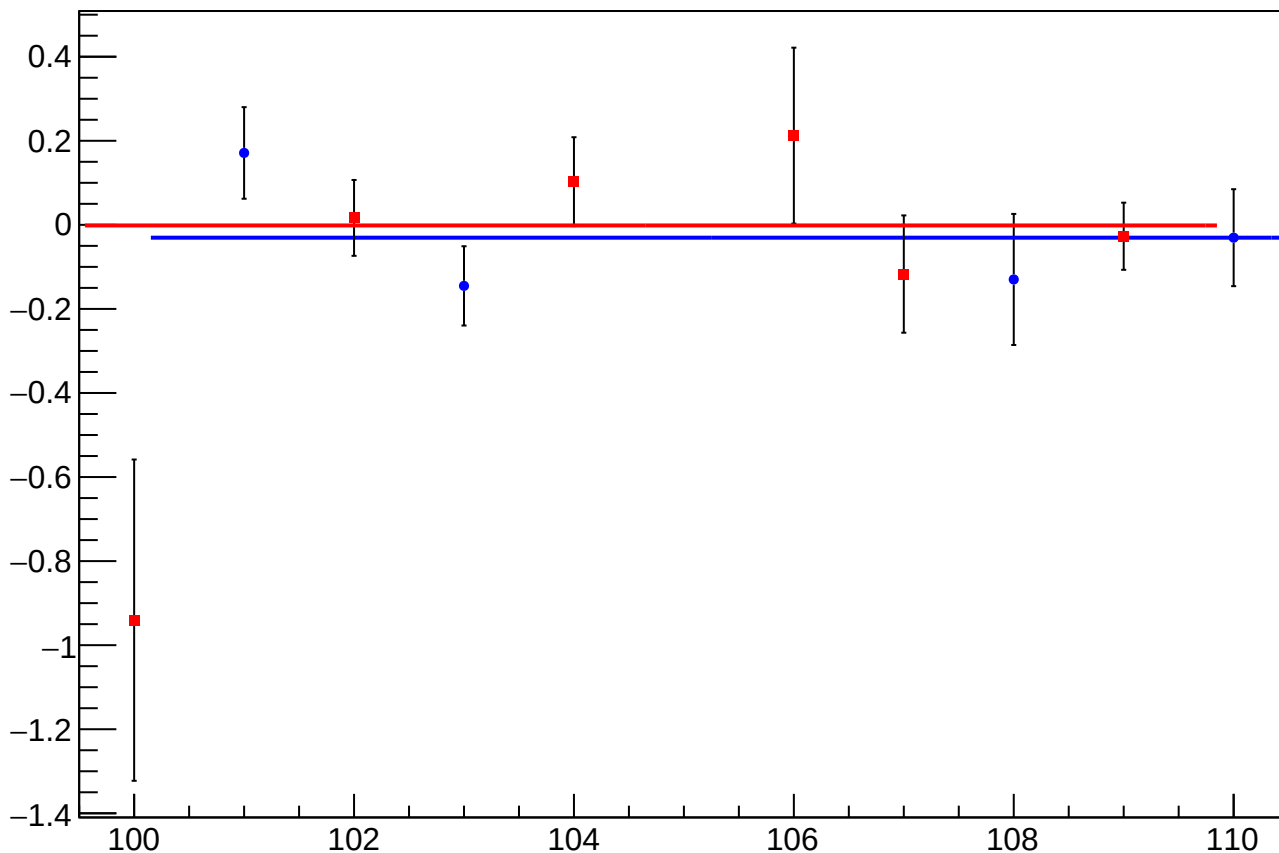
Right: 72.193+/-0.026 χ^2/NDF : 202891.1/9

In: 78.438+/-0.040 χ^2/NDF : 50456.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.193+/-0.026 χ^2/NDF : 202891.1/9

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.057 χ^2/NDF : 5.3/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.001 ± 0.047 χ^2/NDF : 8.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

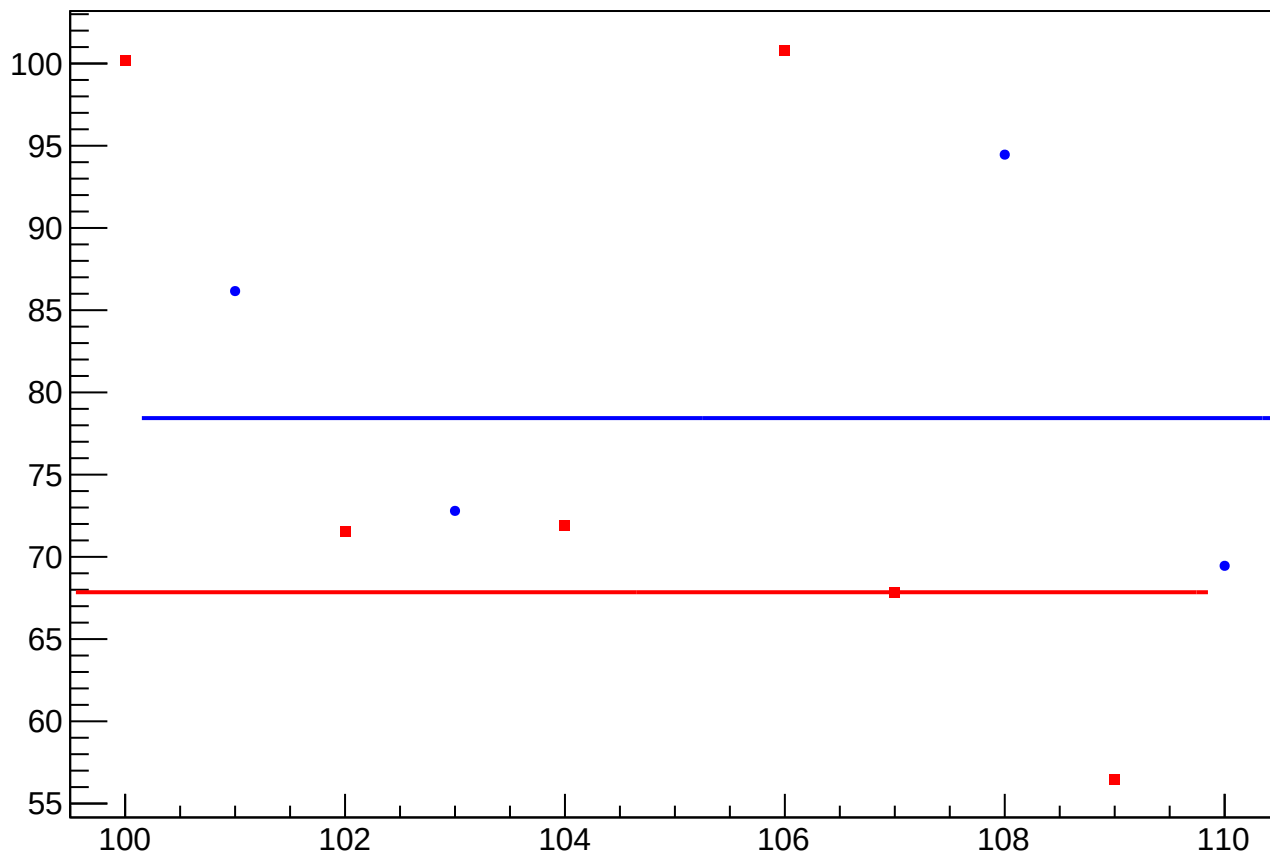
Right: -0.013 ± 0.036 χ^2/NDF : 14.3/9

In: -0.031 ± 0.057 χ^2/NDF : 5.3/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.036 χ^2/NDF : 14.3/9

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.438+/-0.040 χ^2/NDF : 50456.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.849+/-0.033 χ^2/NDF : 111039.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

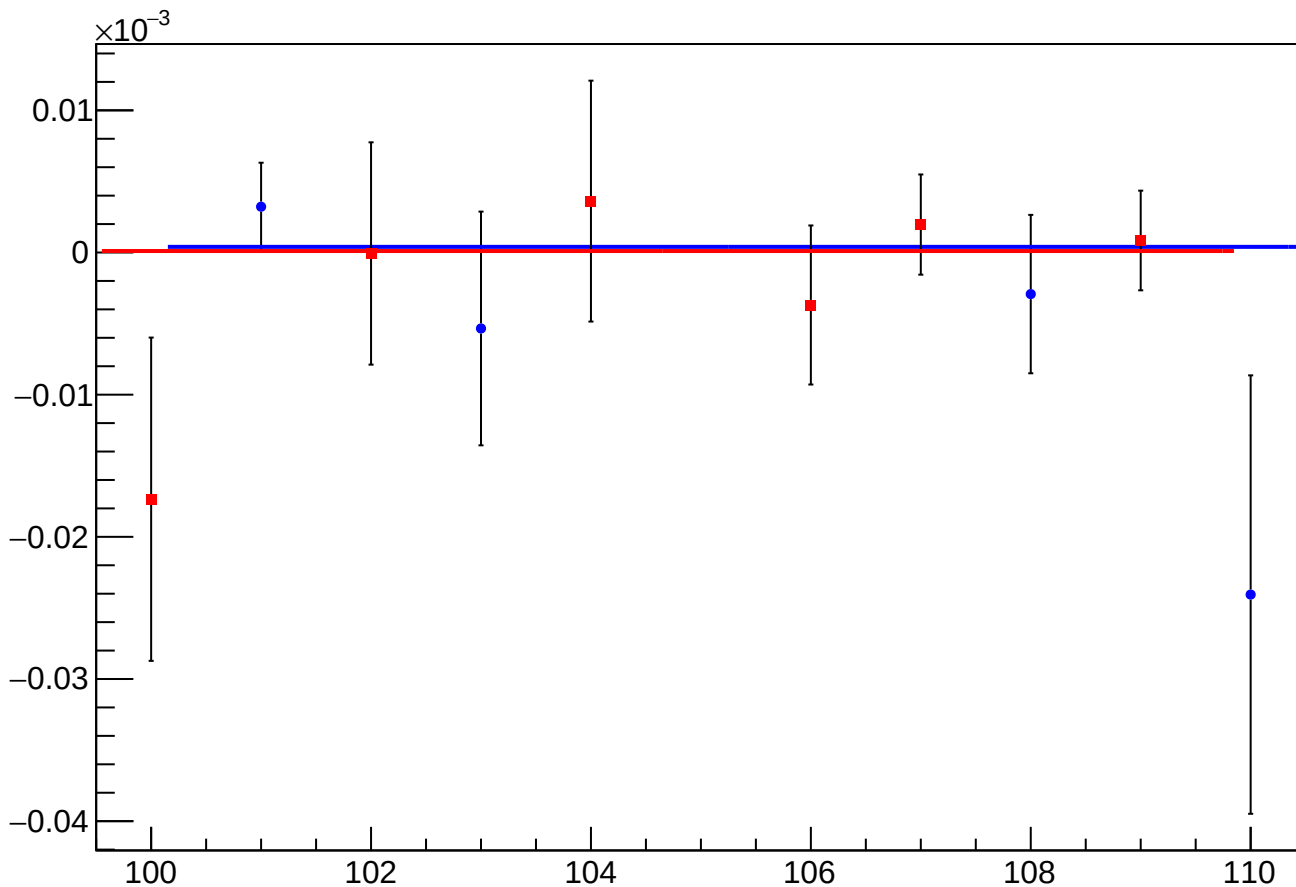
Right: 72.193+/-0.026 χ^2/NDF : 202891.1/9

In: 78.438+/-0.040 χ^2/NDF : 50456.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.193+/-0.026 χ^2/NDF : 202891.1/9

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

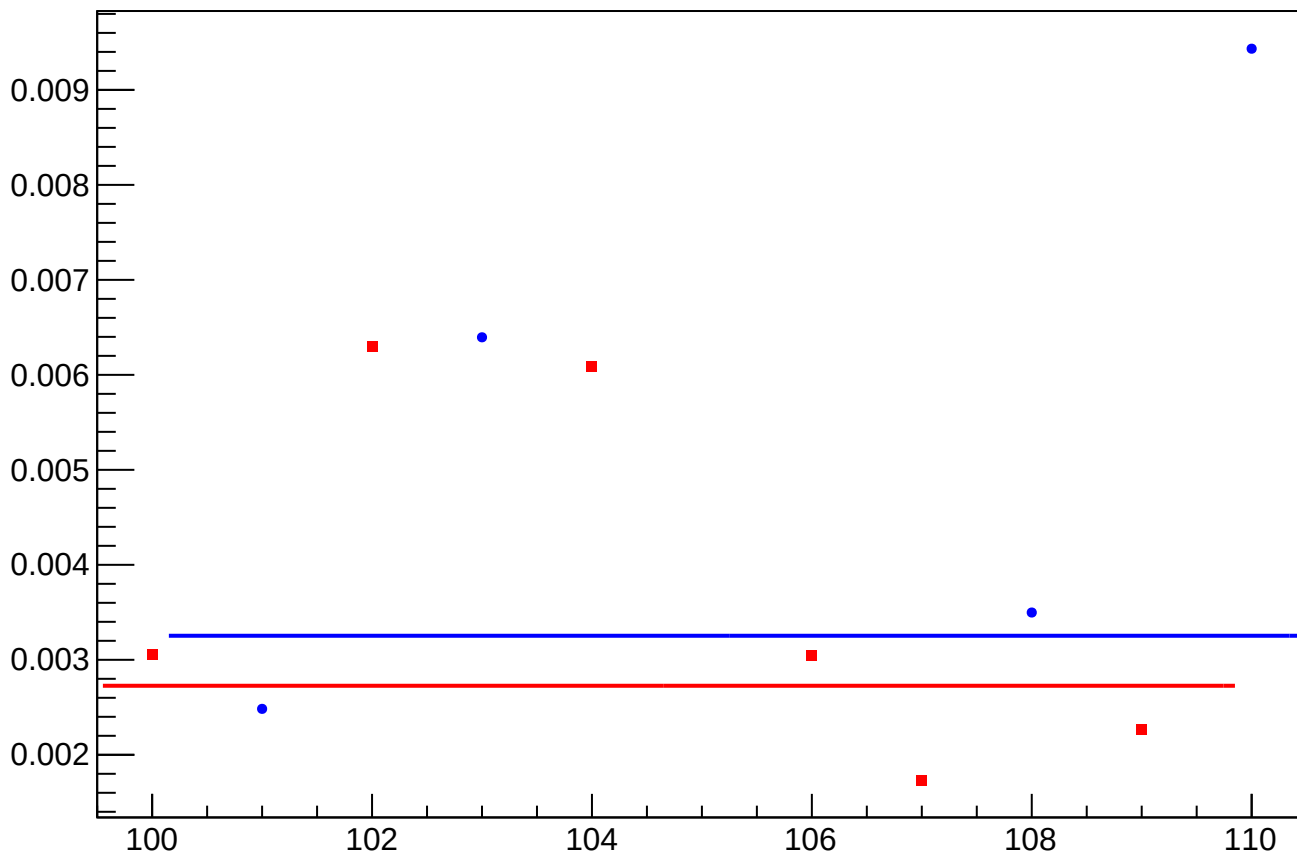
Right: 0.000+/-0.000 χ^2/NDF : 7.5/9

In: 0.000+/-0.000 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.5/9

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 741071.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 934537.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

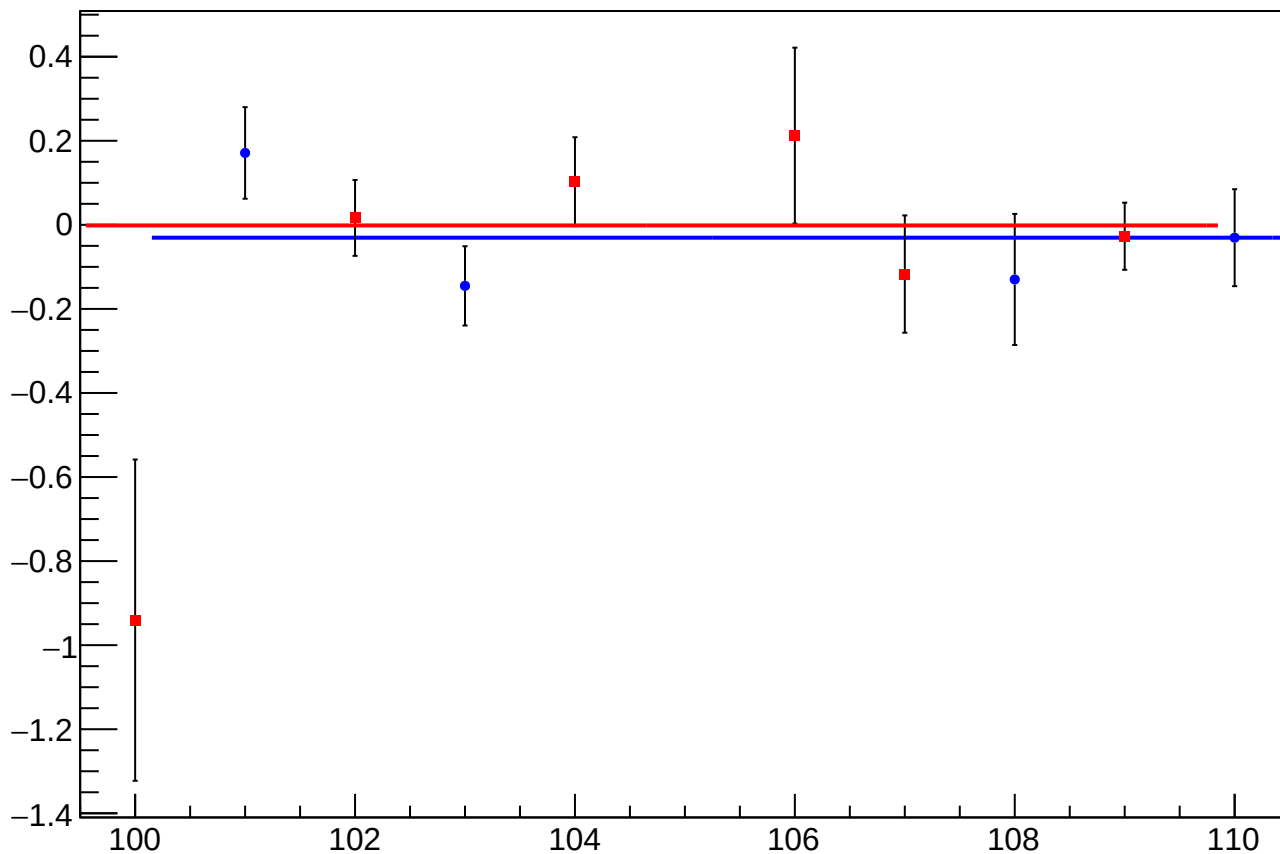
Right: 0.003+/-0.000 χ^2/NDF : 1727231.5/9

In: 0.003+/-0.000 χ^2/NDF : 741071.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1727231.5/9

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.057 χ^2/NDF : 5.3/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.001 ± 0.047 χ^2/NDF : 8.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

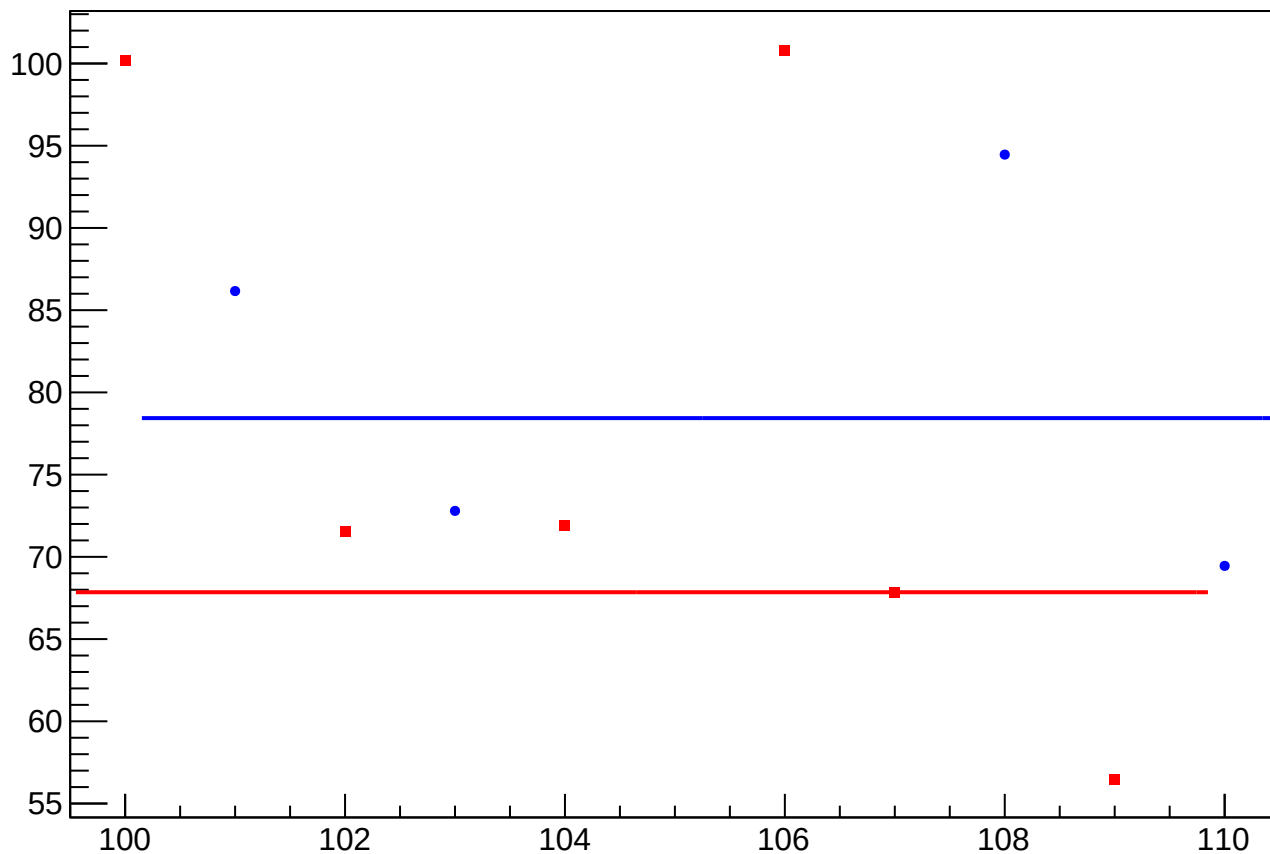
Right: -0.013 ± 0.036 χ^2/NDF : 14.3/9

In: -0.031 ± 0.057 χ^2/NDF : 5.3/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.036 χ^2/NDF : 14.3/9

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.436+/-0.040 χ^2/NDF : 50476.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.849+/-0.033 χ^2/NDF : 111042.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

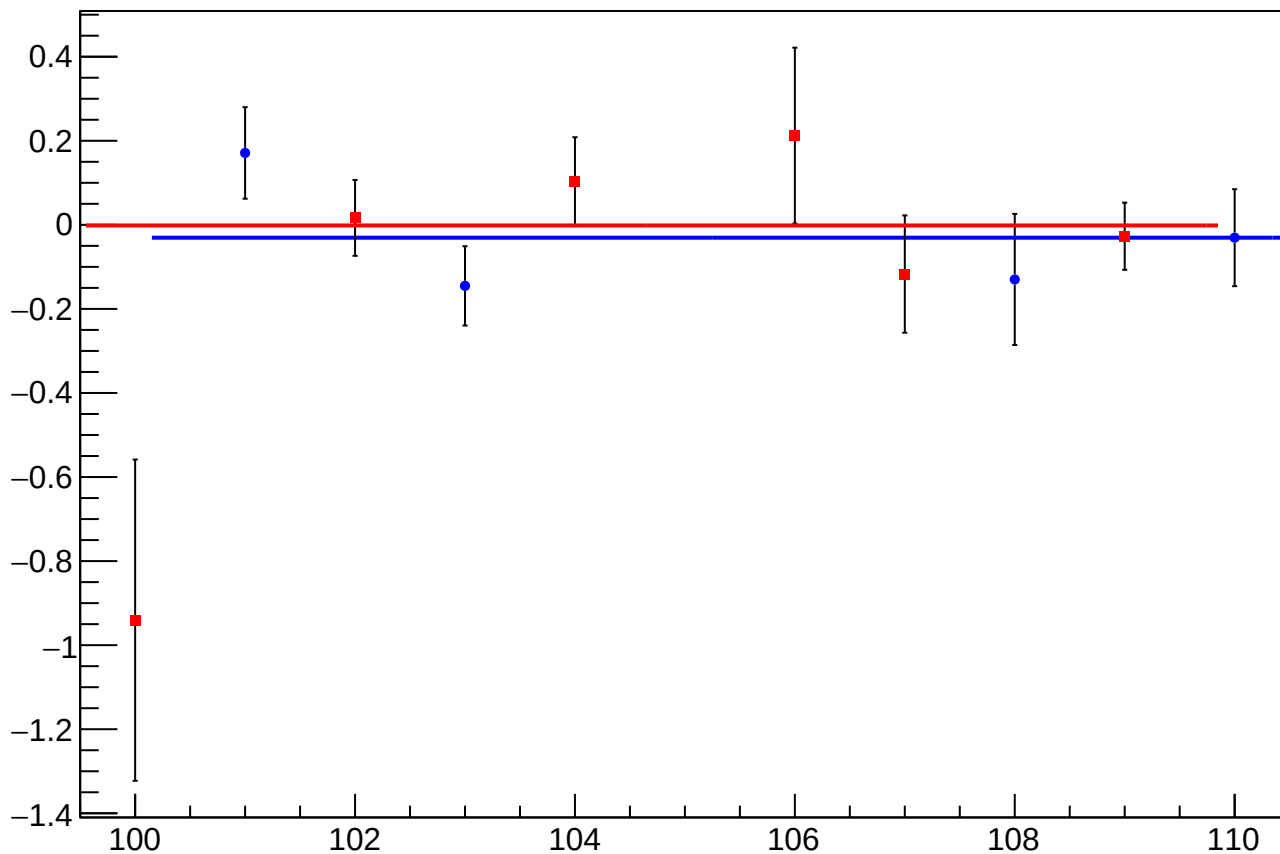
Right: 72.192+/-0.026 χ^2/NDF : 202904.4/9

In: 78.436+/-0.040 χ^2/NDF : 50476.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.192+/-0.026 χ^2/NDF : 202904.4/9

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.057 χ^2 /NDF: 5.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.047 χ^2 /NDF: 8.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

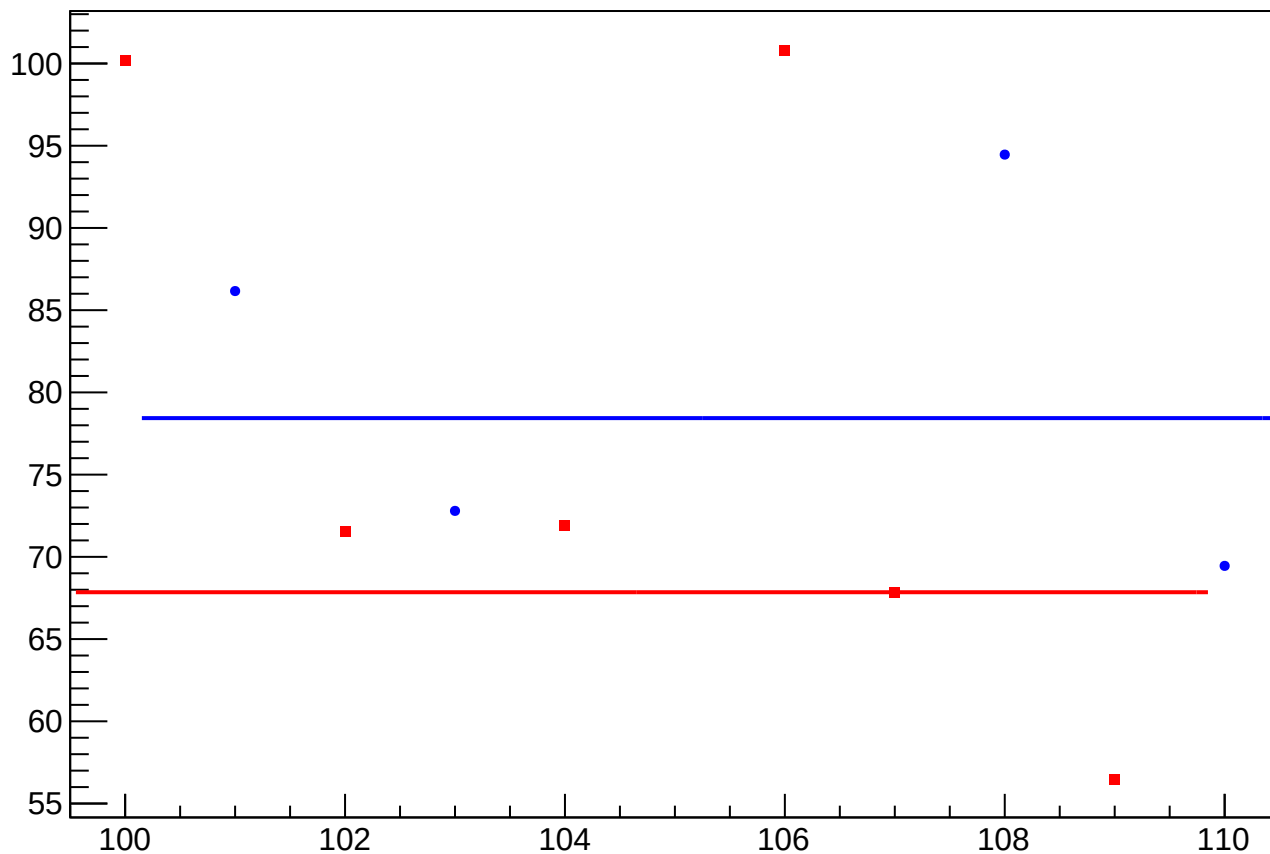
Right: -0.013 $\pm$ 0.036 χ^2 /NDF: 14.3/9

In: -0.031 $\pm$ 0.057 χ^2 /NDF:5.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.036 χ^2 /NDF: 14.3/9

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.436+/-0.040 χ^2/NDF : 50476.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.849+/-0.033 χ^2/NDF : 111042.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

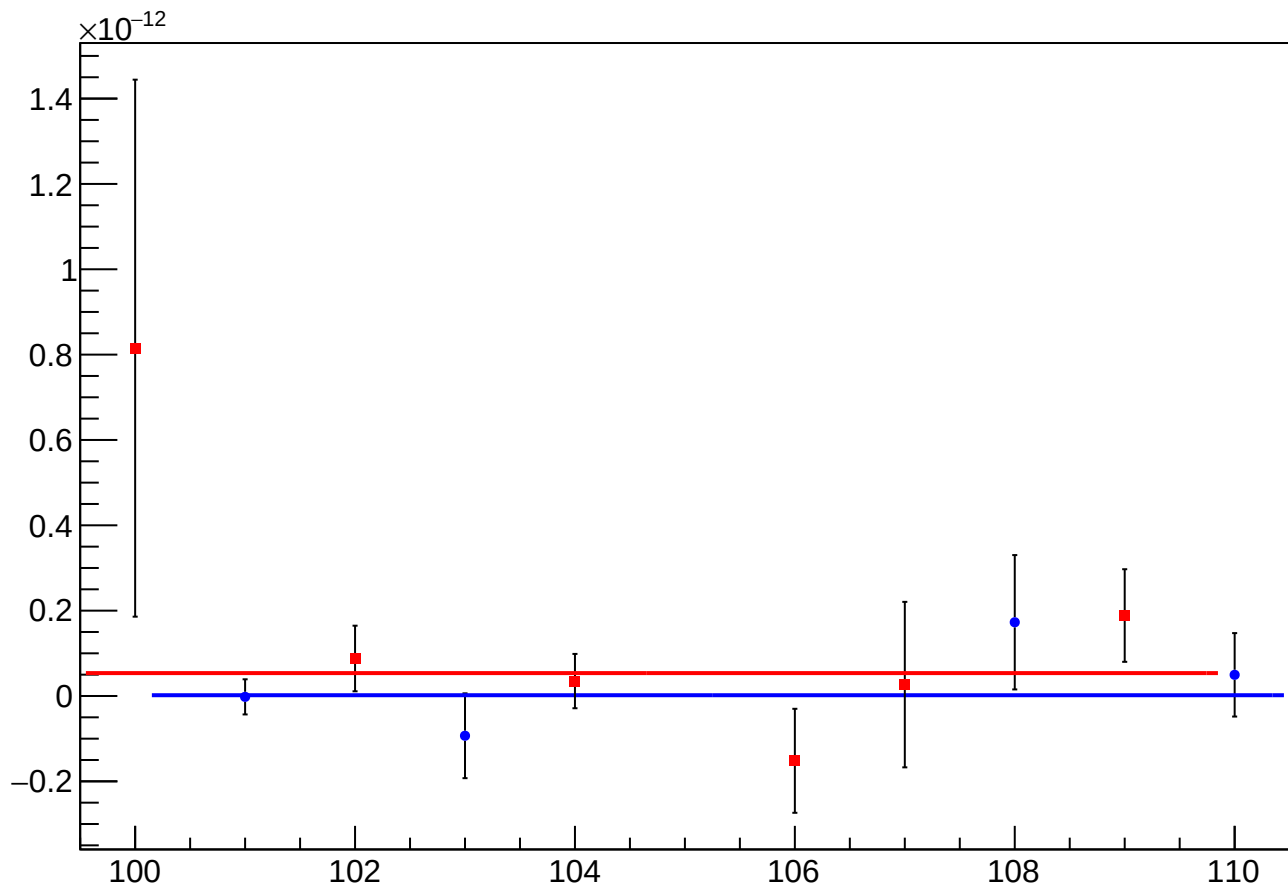
Right: 72.192+/-0.026 χ^2/NDF : 202904.4/9

In: 78.436+/-0.040 χ^2/NDF : 50476.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.192+/-0.026 χ^2/NDF : 202904.4/9

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

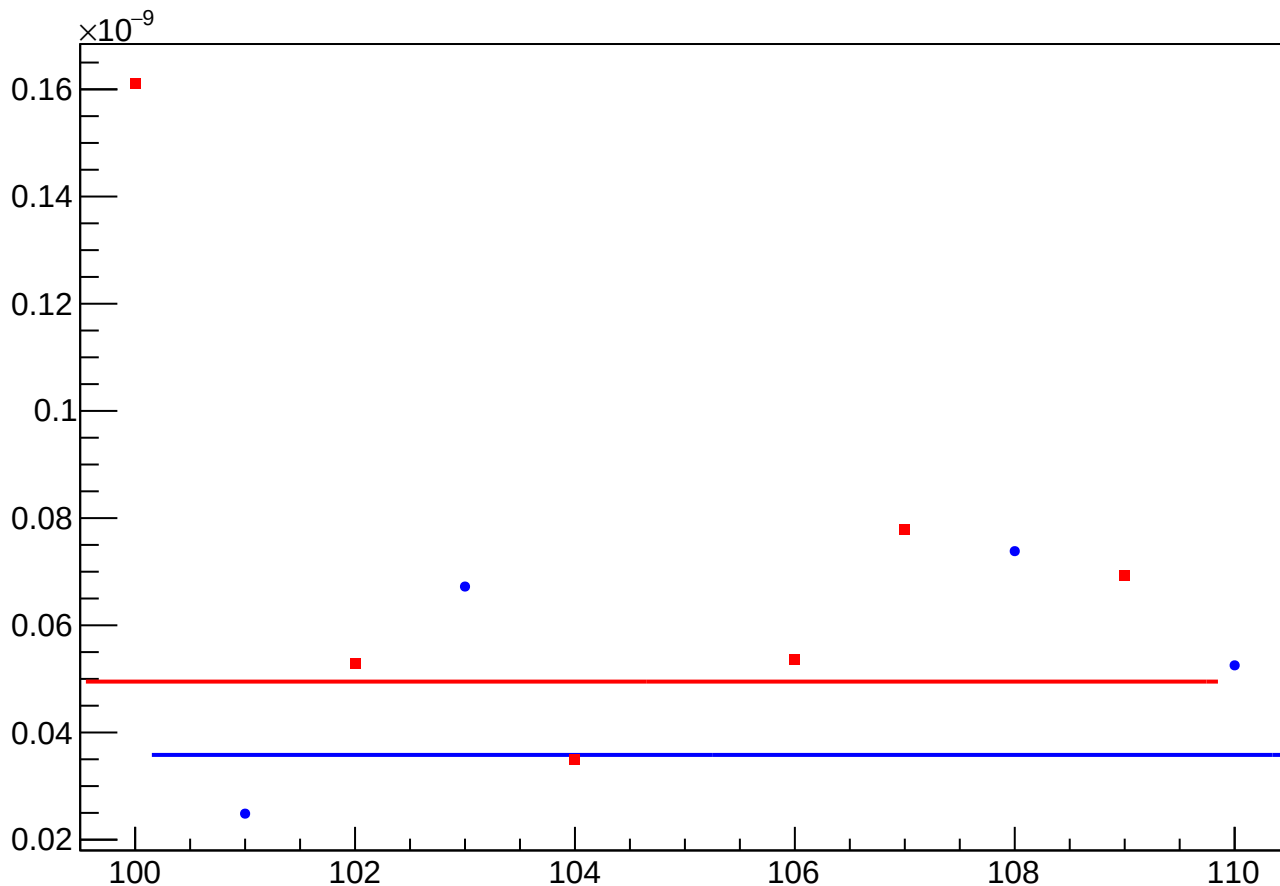
Right: 0.000+/-0.000 χ^2/NDF : 9.4/9

In: 0.000+/-0.000 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.4/9

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 516632.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 283165.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

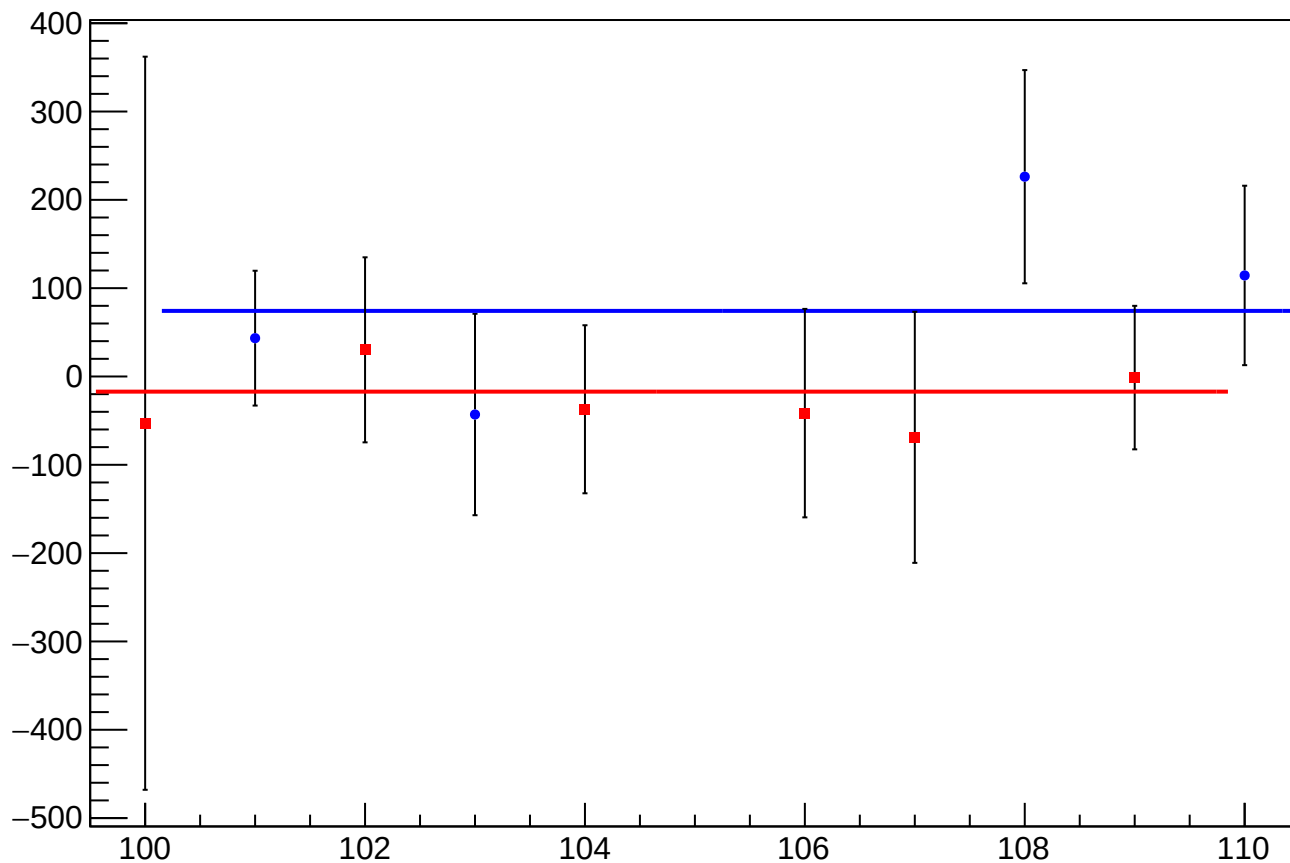
Right: 0.000+/-0.000 χ^2/NDF : 930246.0/9

In: 0.000+/-0.000 χ^2/NDF : 516632.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 930246.0/9

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 74.264+/-49.142 χ^2/NDF : 3.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.154+/-45.633 χ^2/NDF : 0.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

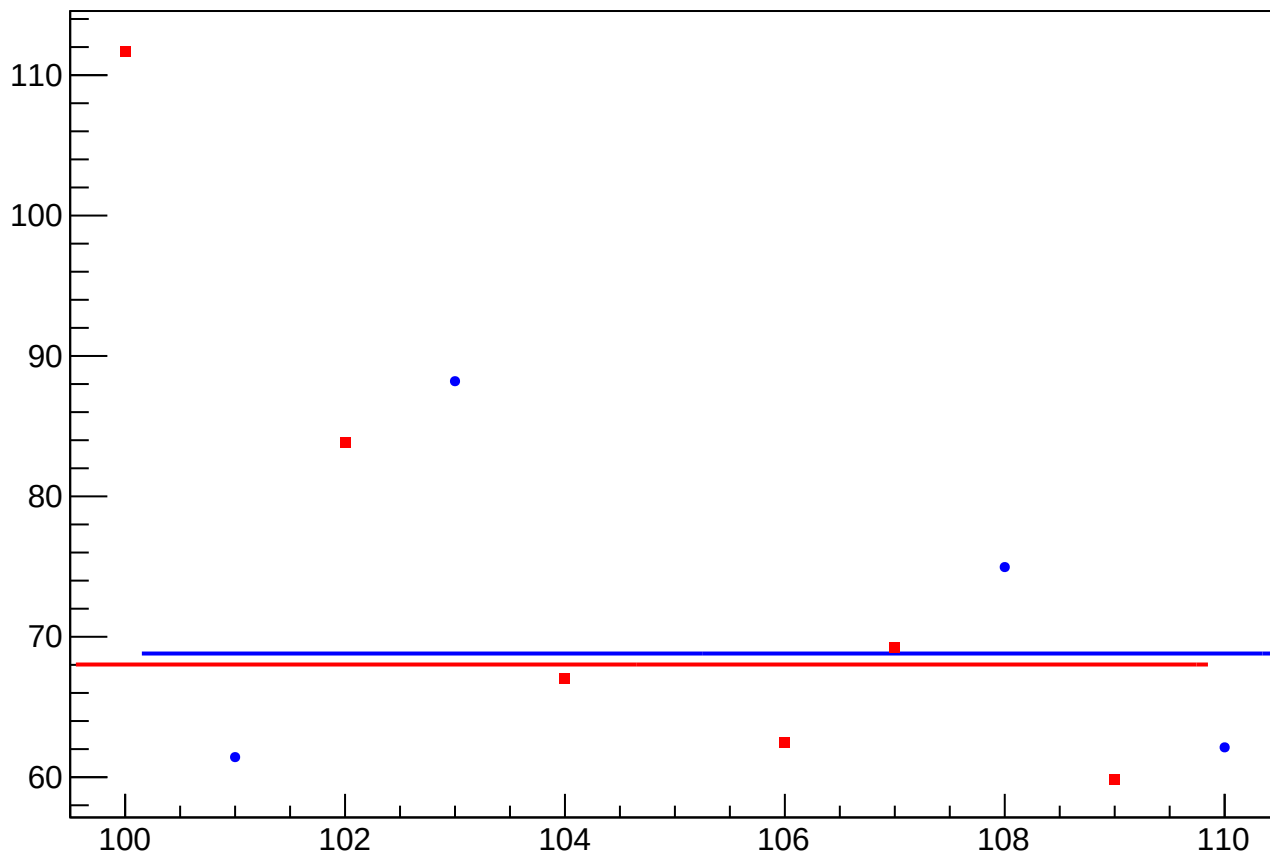
Right: 25.176+/-33.439 χ^2/NDF : 5.3/9

In: 74.264+/-49.142 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.176+/-33.439 χ^2/NDF : 5.3/9

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 68.808 $\pm$ 0.035 χ^2 /NDF: 90399.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.025 $\pm$ 0.032 χ^2 /NDF: 92999.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

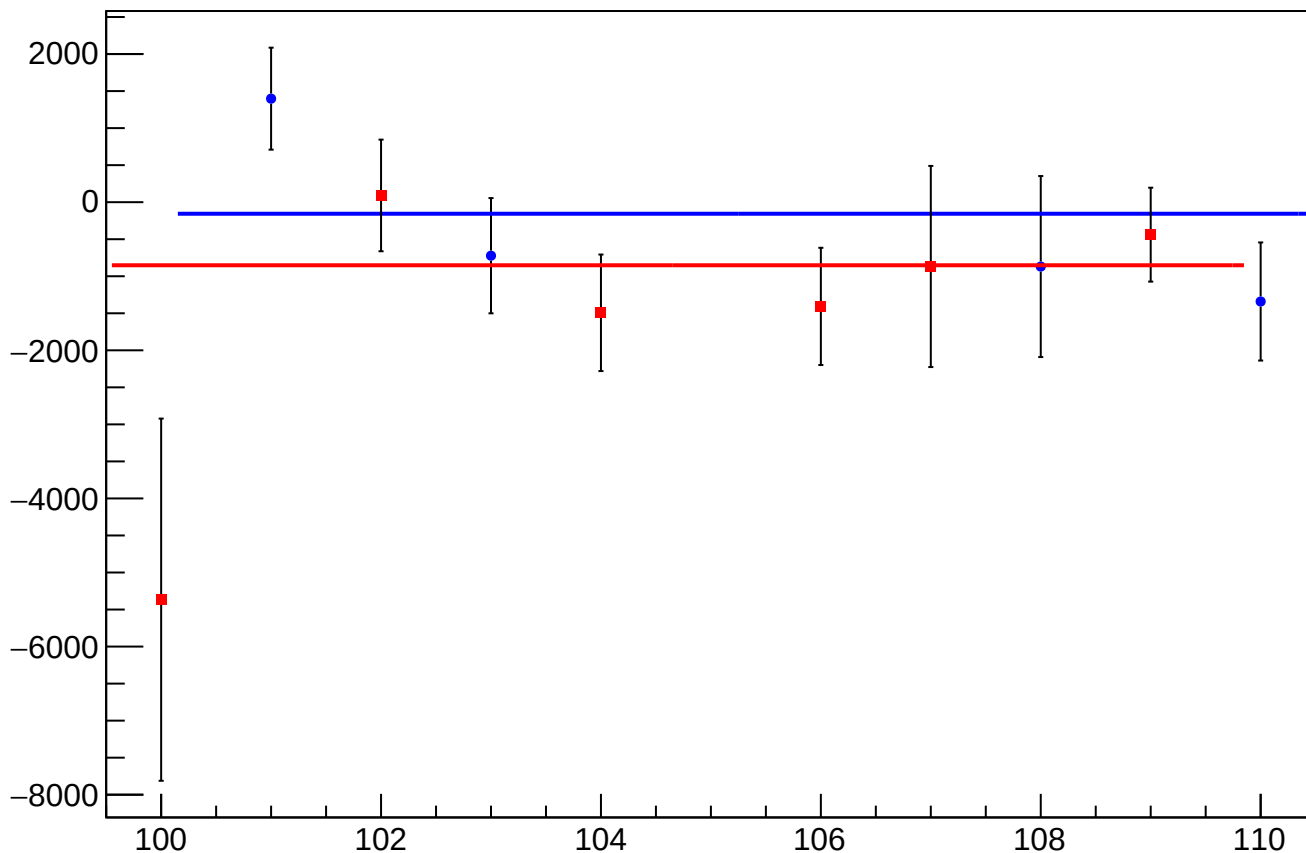
Right: 68.387 $\pm$ 0.024 χ^2 /NDF: 183671.6/9

In: 68.808 $\pm$ 0.035 χ^2 /NDF: 90399.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.387 $\pm$ 0.024 χ^2 /NDF: 183671.6/9

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -156.019+/-408.083 χ^2/NDF : 8.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -851.680+/-349.814 χ^2/NDF : 6.6/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

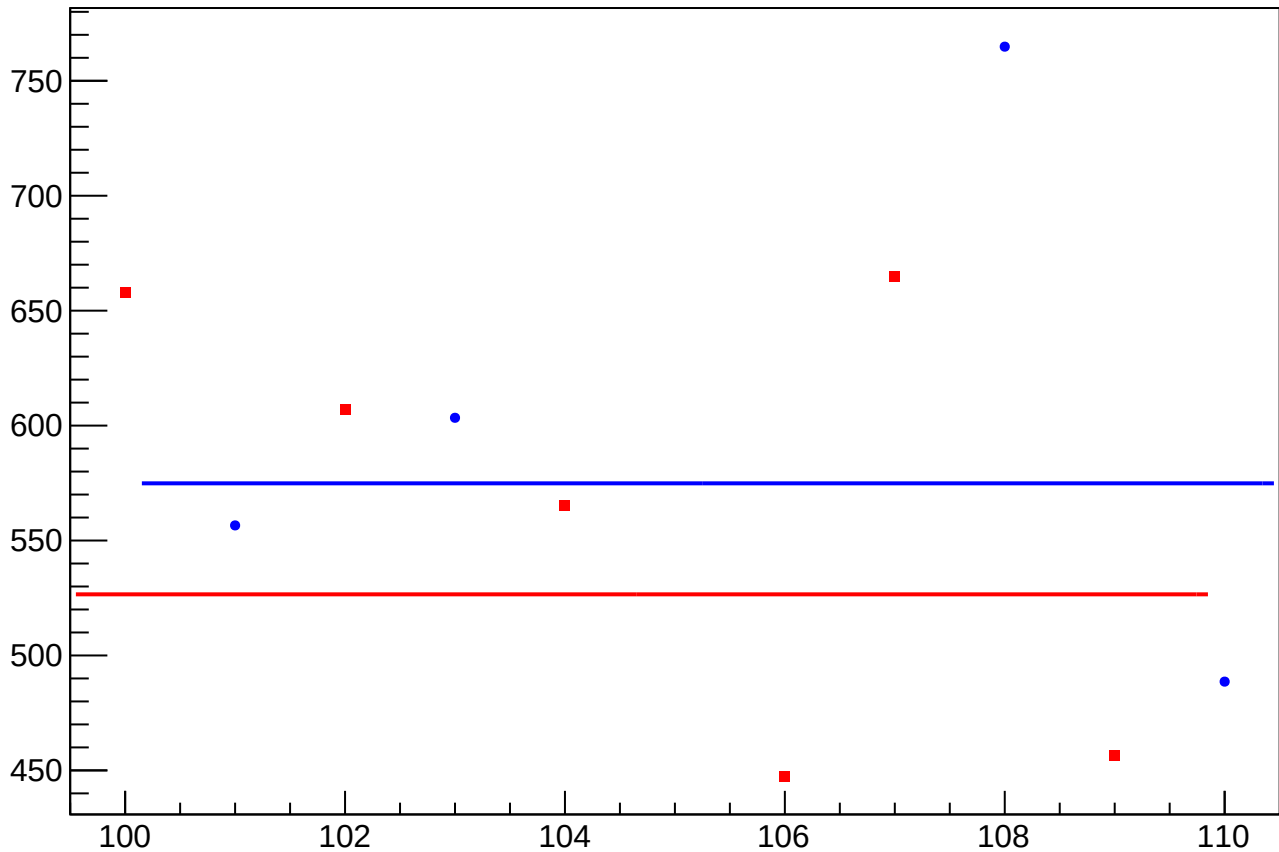
Right: -557.020+/-265.589 χ^2/NDF : 16.4/9

In: -156.019+/-408.083 χ^2/NDF :8.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -557.020+/-265.589 χ^2/NDF : 16.4/9

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 574.882 $\pm$ 0.289 χ^2 /NDF: 75855.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 526.592 $\pm$ 0.247 χ^2 /NDF: 98713.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

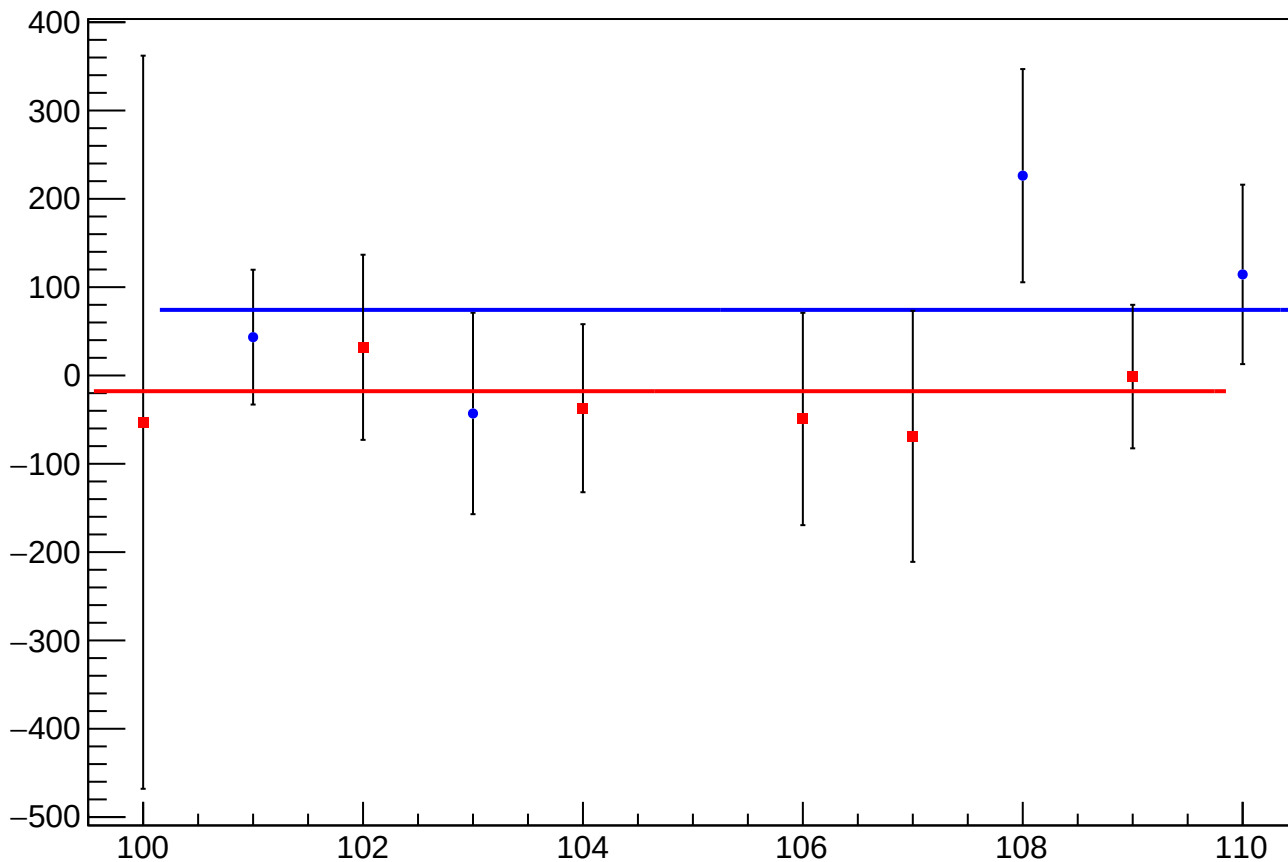
Right: 547.046 $\pm$ 0.188 χ^2 /NDF: 190713.1/9

In: 574.882 $\pm$ 0.289 χ^2 /NDF: 75855.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 547.046 $\pm$ 0.188 χ^2 /NDF: 190713.1/9

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 74.278+/-49.142 χ^2/NDF : 3.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.806+/-45.762 χ^2/NDF : 0.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

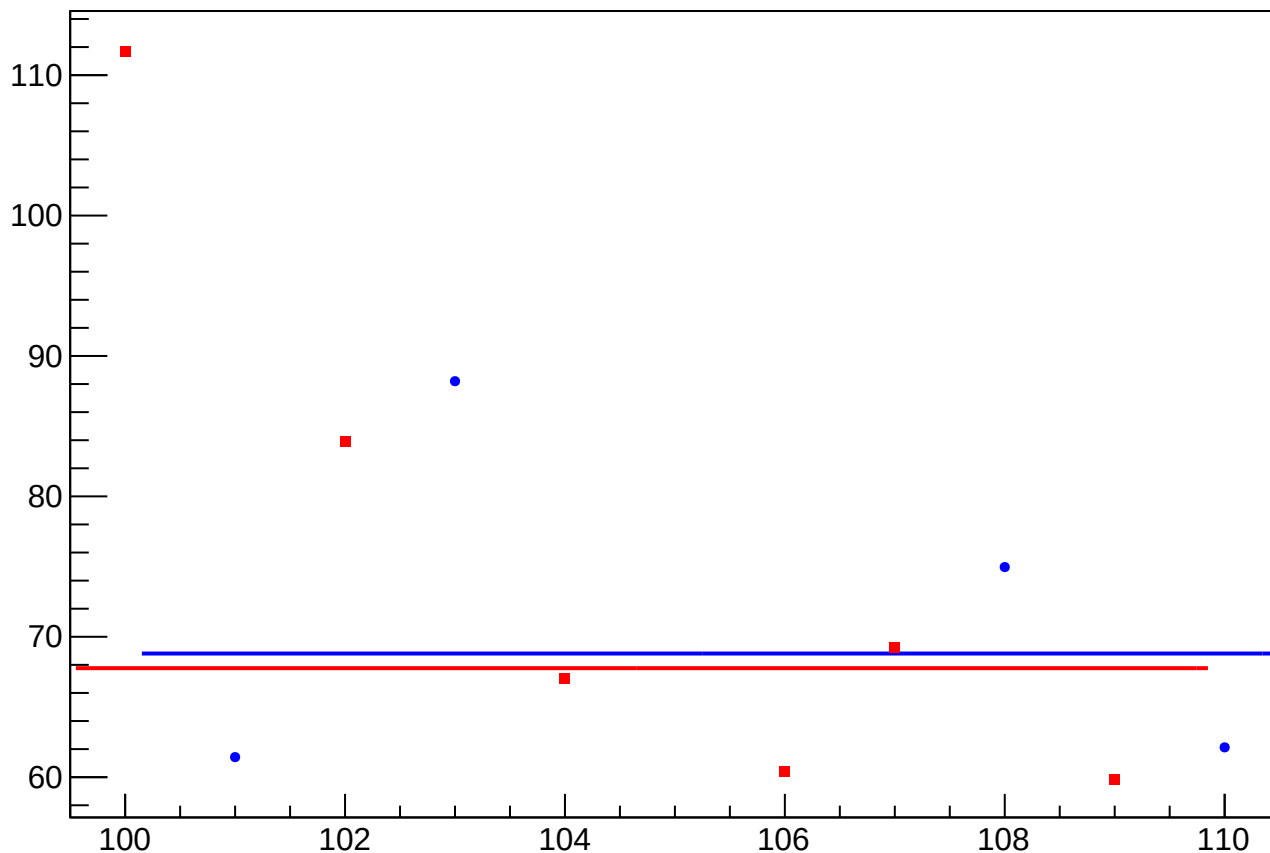
Right: 24.961+/-33.490 χ^2/NDF : 5.4/9

In: 74.278+/-49.142 χ^2/NDF : 3.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.961+/-33.490 χ^2/NDF : 5.4/9

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 68.808 $\pm$ 0.035 χ^2 /NDF: 90402.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.764 $\pm$ 0.032 χ^2 /NDF: 96663.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

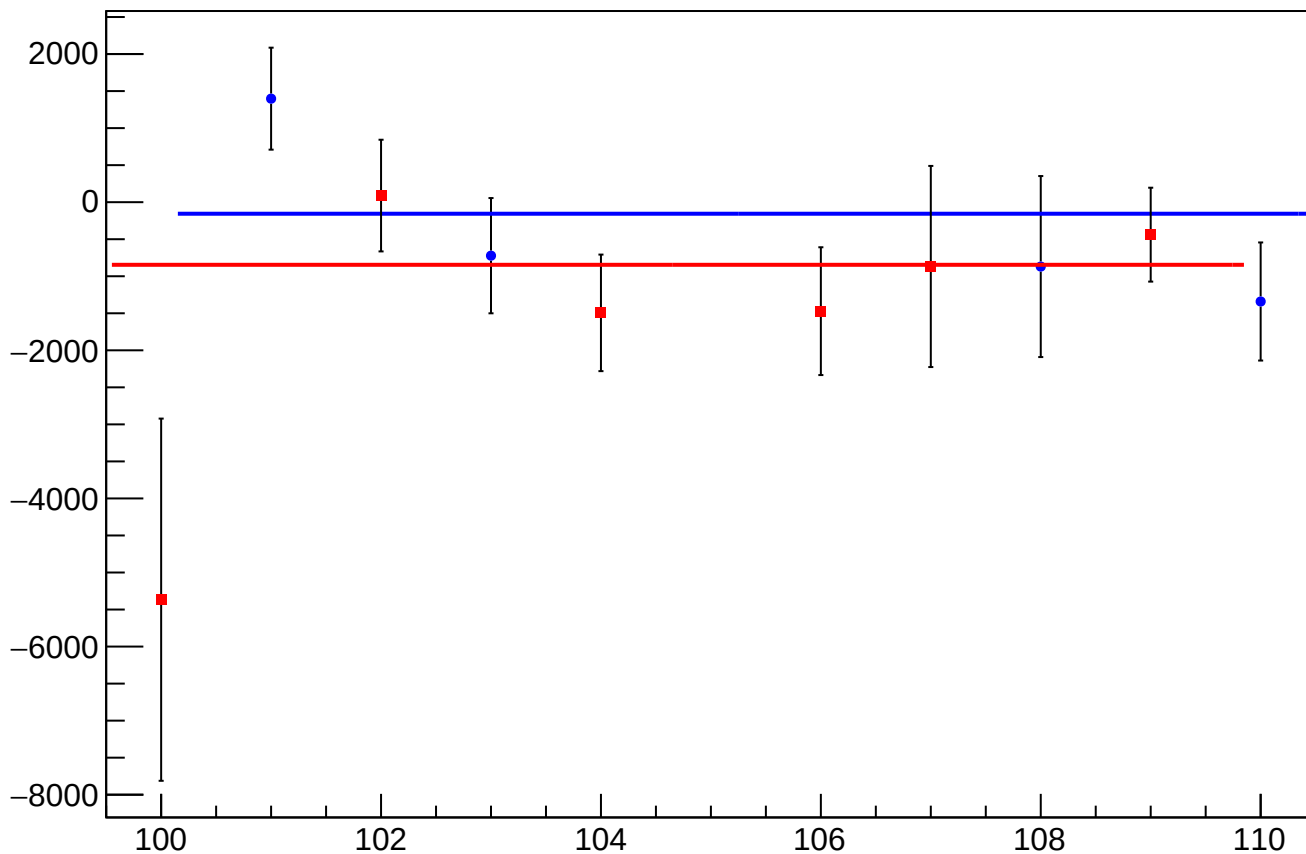
Right: 68.249 $\pm$ 0.024 χ^2 /NDF: 187549.1/9

In: 68.808 $\pm$ 0.035 χ^2 /NDF: 90402.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.249 $\pm$ 0.024 χ^2 /NDF: 187549.1/9

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -155.928+/-408.091 χ^2/NDF : 8.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -845.509+/-355.404 χ^2/NDF : 6.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

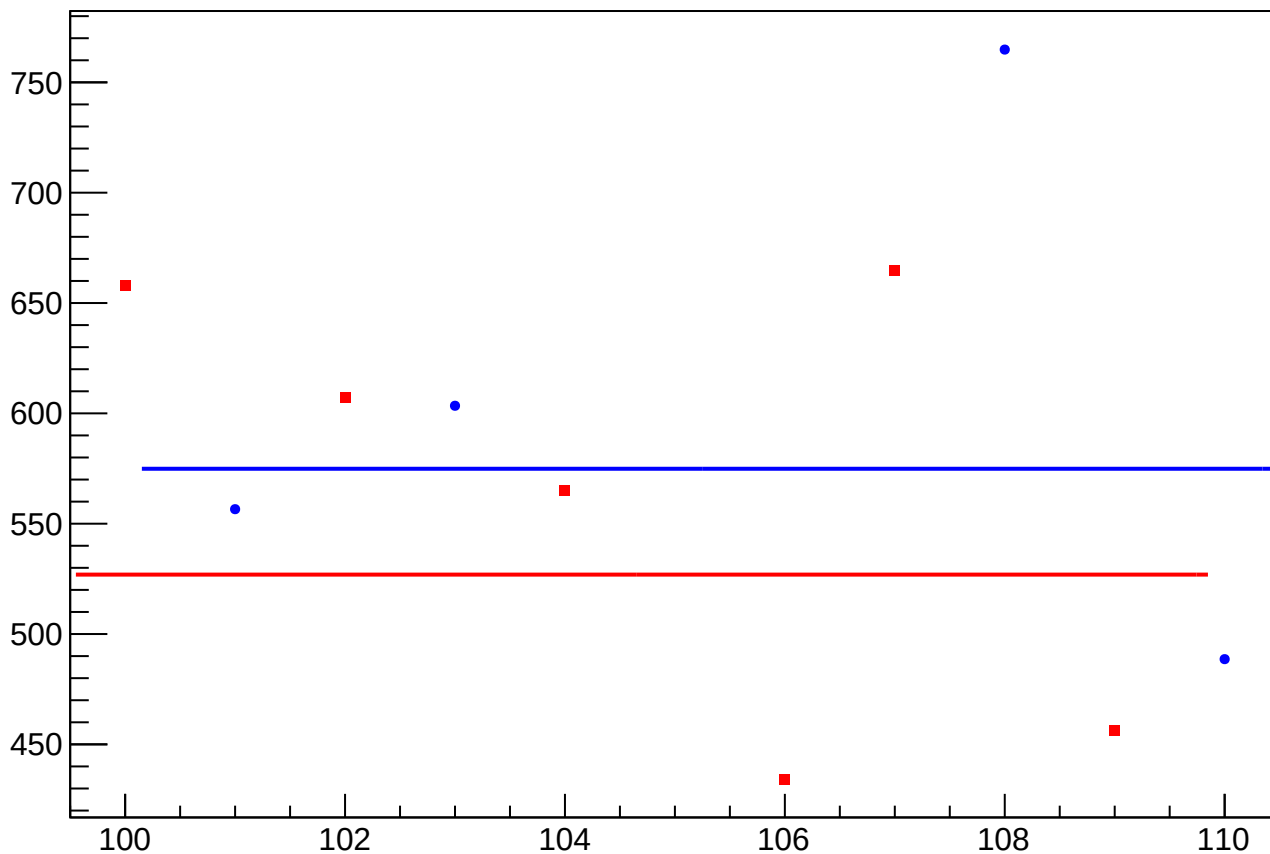
Right: -548.079+/-268.014 χ^2/NDF : 16.4/9

In: -155.928+/-408.091 χ^2/NDF : 8.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -548.079+/-268.014 χ^2/NDF : 16.4/9

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 574.893+/-0.289 χ^2/NDF : 75864.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.929+/-0.251 χ^2/NDF : 101772.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

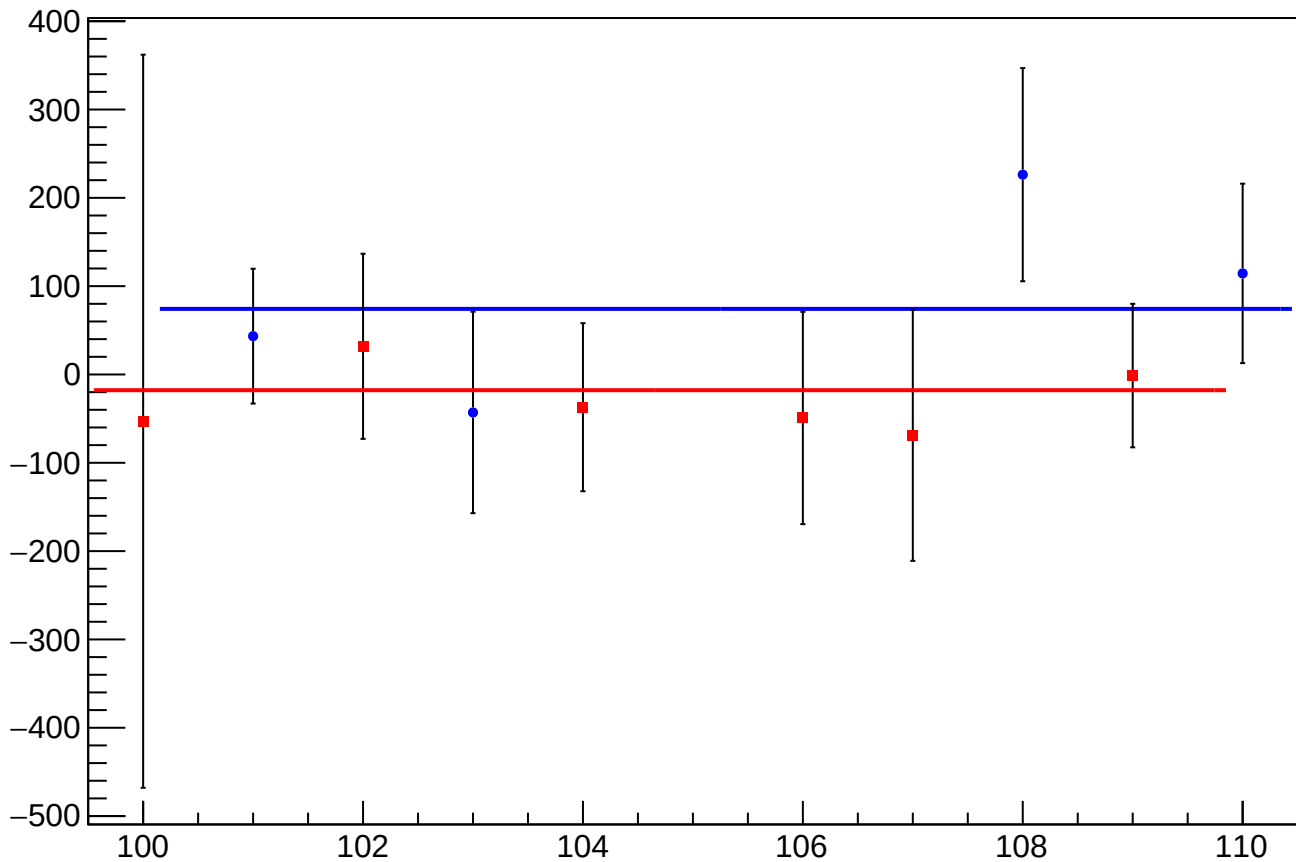
Right: 547.617+/-0.190 χ^2/NDF : 193348.7/9

In: 574.893+/-0.289 χ^2/NDF : 75864.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.617+/-0.190 χ^2/NDF : 193348.7/9

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 74.278 $\pm$ 49.142 χ^2 /NDF: 3.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -17.806 $\pm$ 45.762 χ^2 /NDF: 0.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

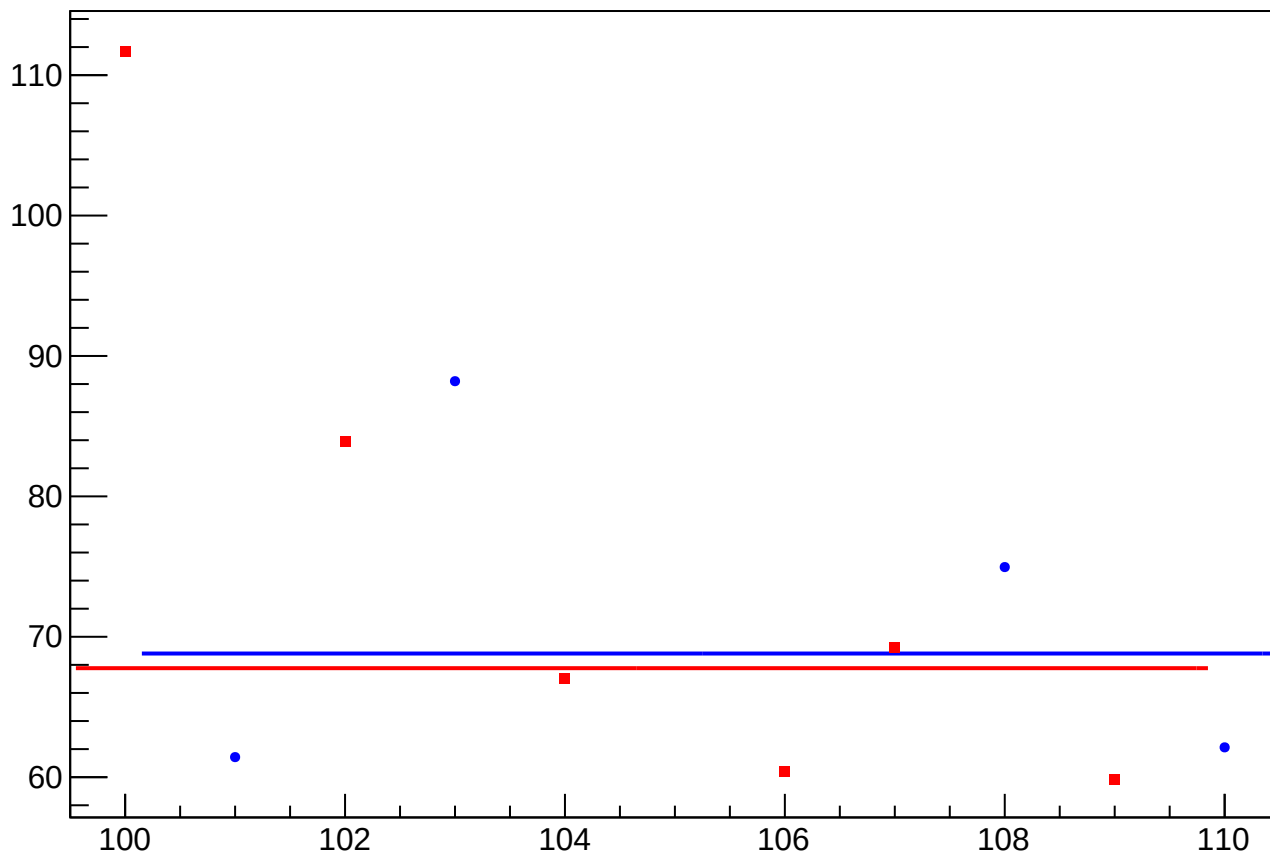
Right: 24.961 $\pm$ 33.490 χ^2 /NDF: 5.4/9

In: 74.278 $\pm$ 49.142 χ^2 /NDF: 3.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.961 $\pm$ 33.490 χ^2 /NDF: 5.4/9

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 68.808 $\pm$ 0.035 χ^2 /NDF: 90402.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.764 $\pm$ 0.032 χ^2 /NDF: 96663.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

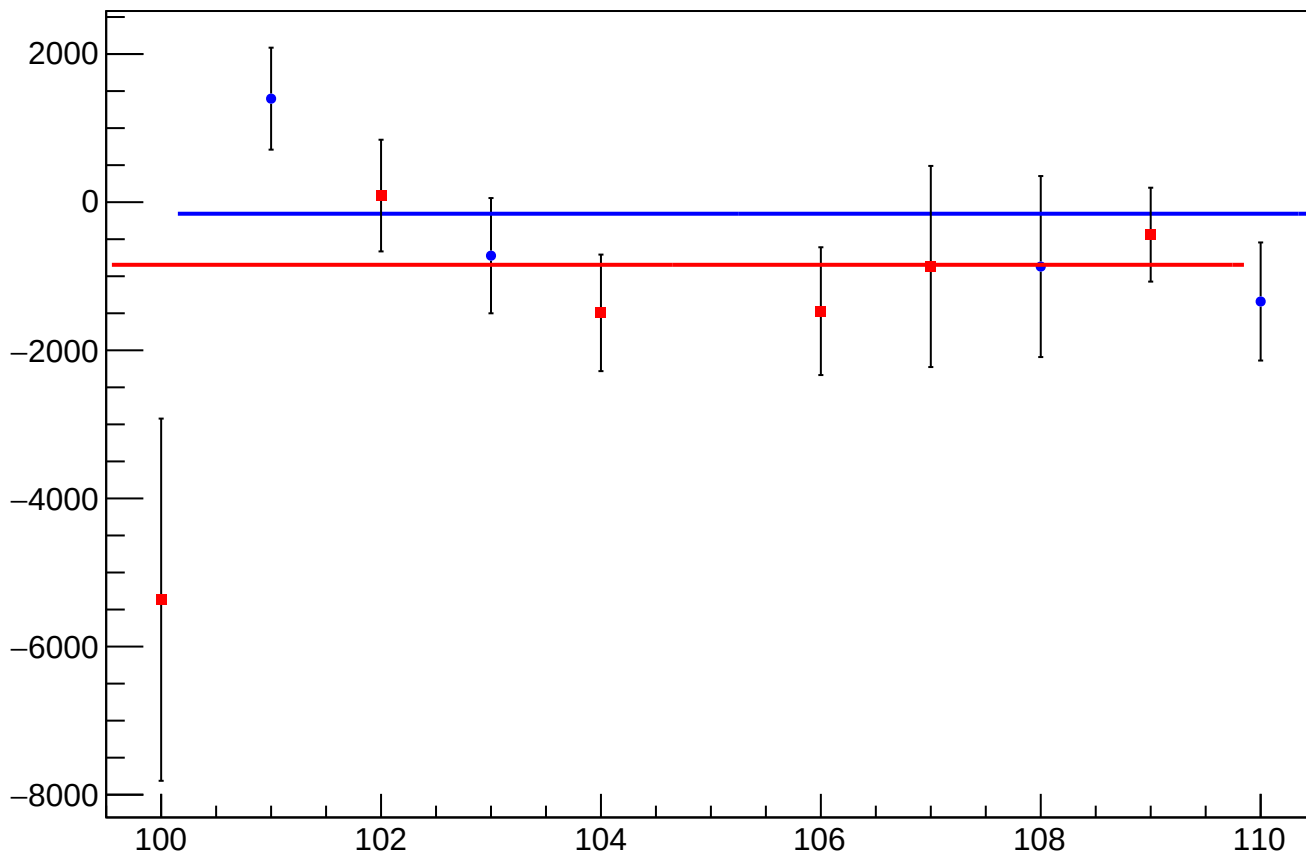
Right: 68.249 $\pm$ 0.024 χ^2 /NDF: 187549.1/9

In: 68.808 $\pm$ 0.035 χ^2 /NDF: 90402.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.249 $\pm$ 0.024 χ^2 /NDF: 187549.1/9

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -155.928+/-408.091 χ^2 /NDF: 8.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -845.509+/-355.404 χ^2 /NDF: 6.6/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

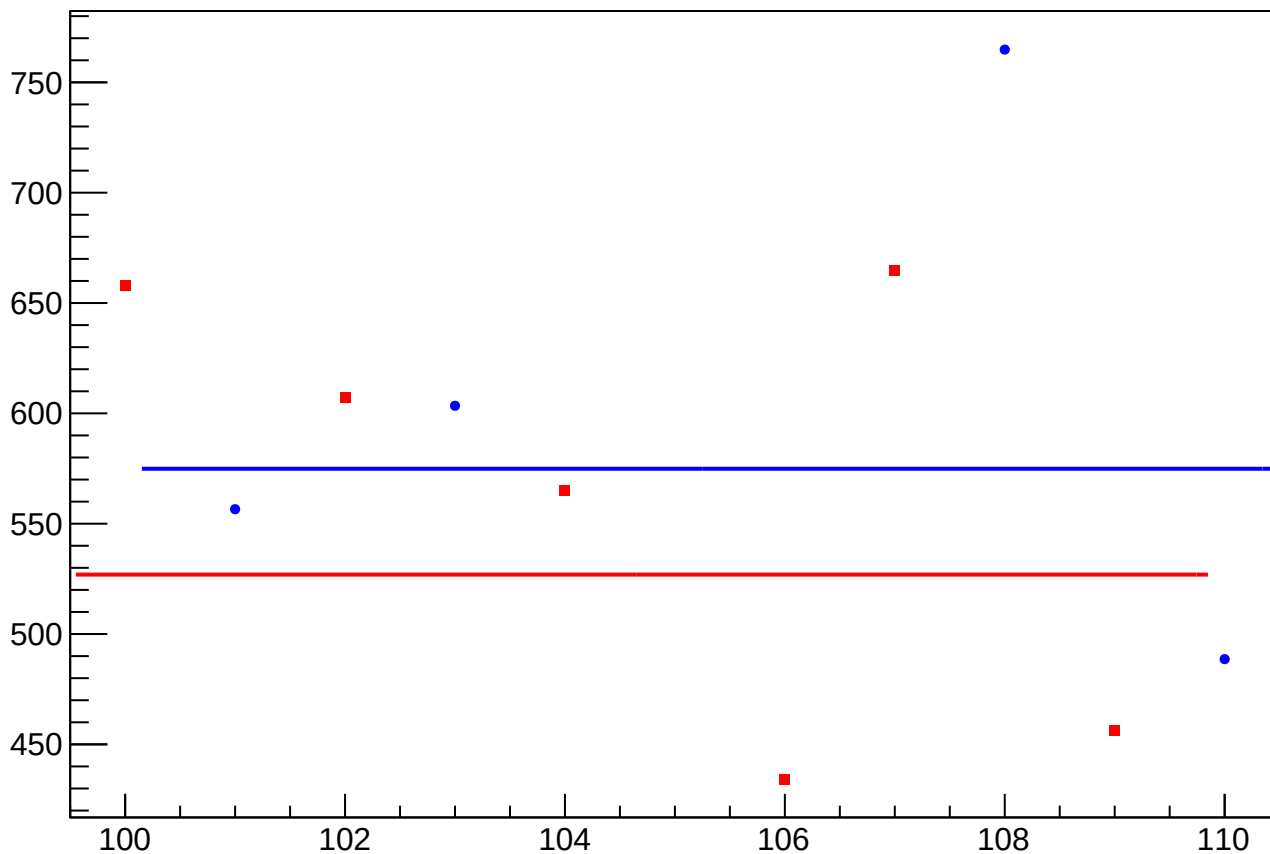
Right: -548.079+/-268.014 χ^2 /NDF: 16.4/9

In: -155.928+/-408.091 χ^2 /NDF:8.2/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -548.079+/-268.014 χ^2 /NDF: 16.4/9

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 574.893+/-0.289 χ^2/NDF : 75864.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.929+/-0.251 χ^2/NDF : 101772.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

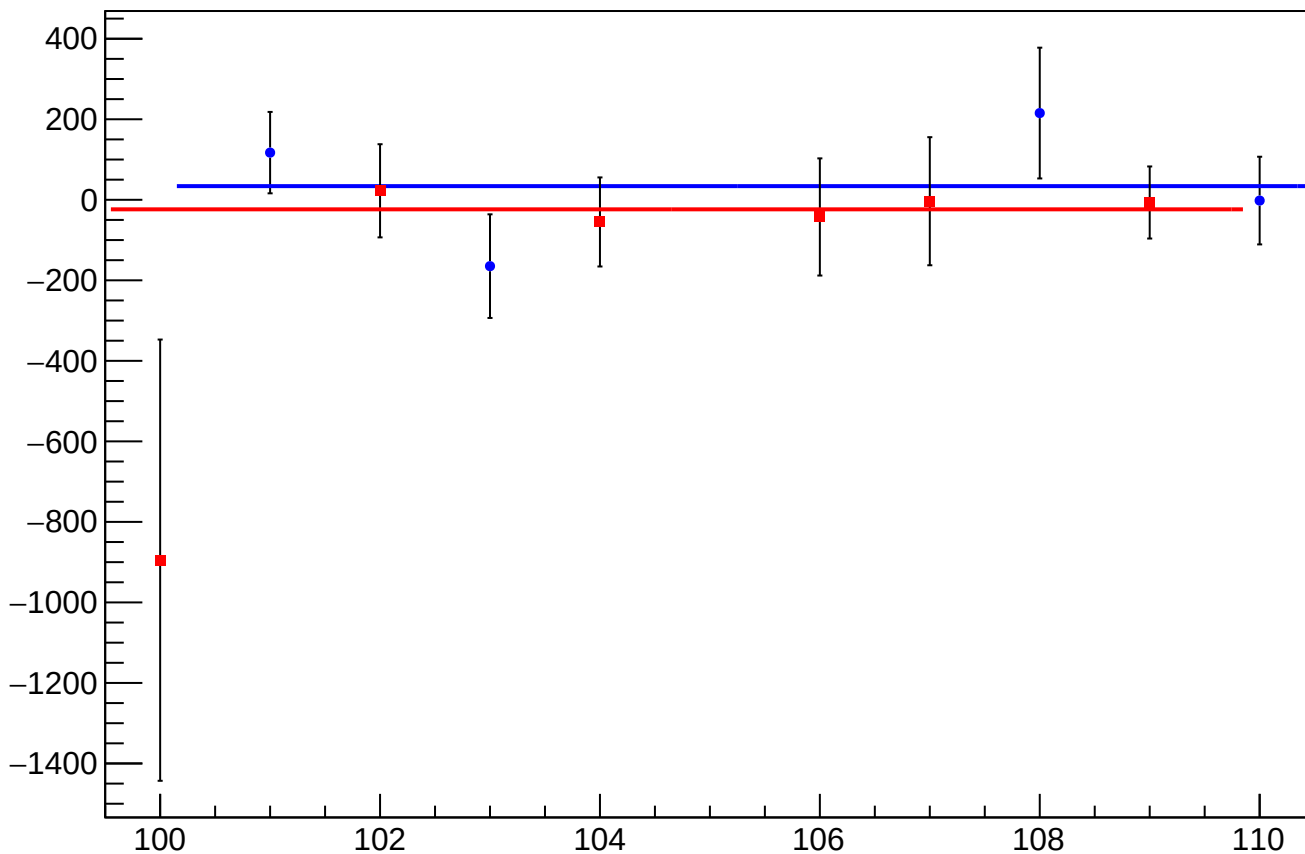
Right: 547.617+/-0.190 χ^2/NDF : 193348.7/9

In: 574.893+/-0.289 χ^2/NDF : 75864.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.617+/-0.190 χ^2/NDF : 193348.7/9

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 33.947+/-59.709 χ^2/NDF : 4.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.696+/-51.895 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

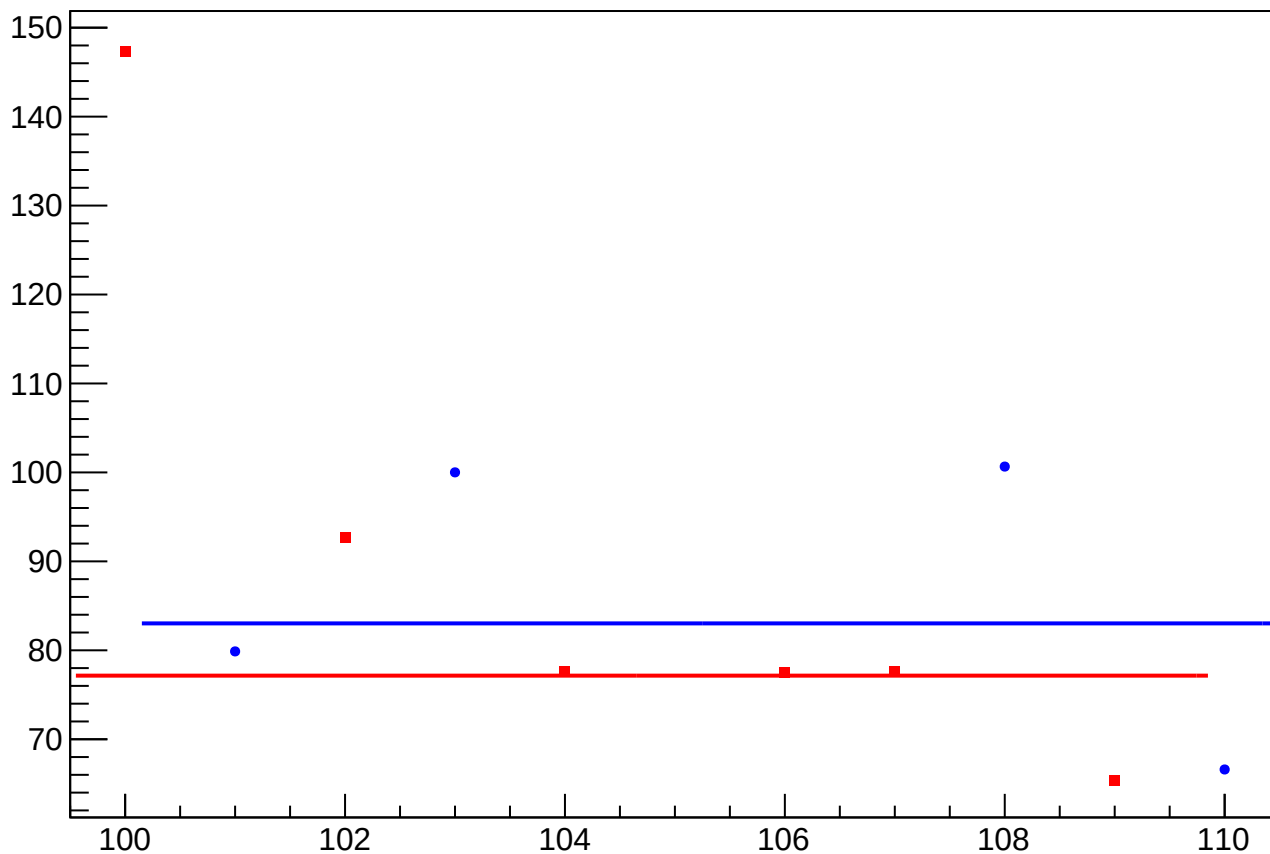
Right: 1.109+/-39.169 χ^2/NDF : 7.8/9

In: 33.947+/-59.709 χ^2/NDF : 4.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.109+/-39.169 χ^2/NDF : 7.8/9

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 83.026+/-0.042 χ^2/NDF : 105824.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.152+/-0.037 χ^2/NDF : 103405.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

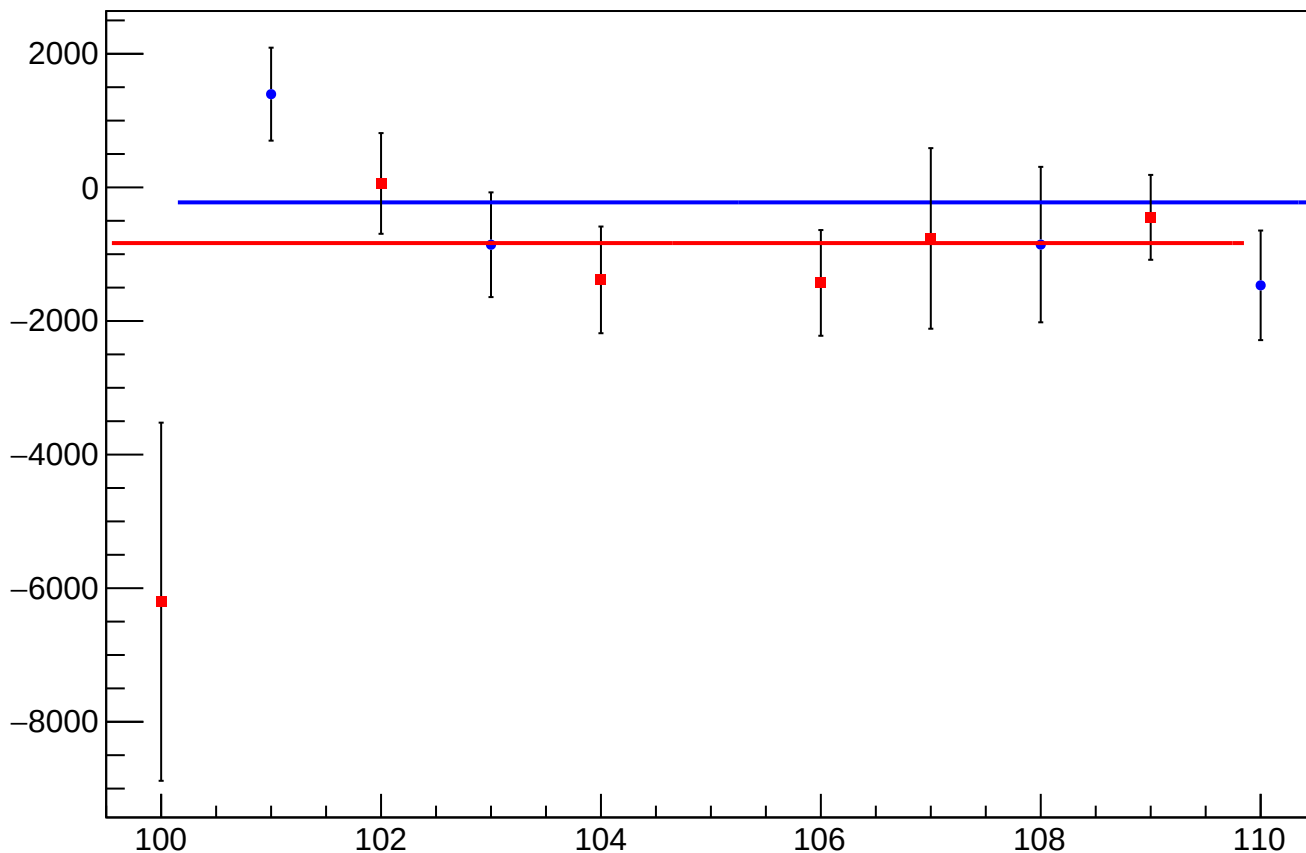
Right: 79.680+/-0.028 χ^2/NDF : 220256.9/9

In: 83.026+/-0.042 χ^2/NDF : 105824.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.680+/-0.028 χ^2/NDF : 220256.9/9

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -224.115+/-411.100 χ^2/NDF : 8.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -833.401+/-351.631 χ^2/NDF : 6.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

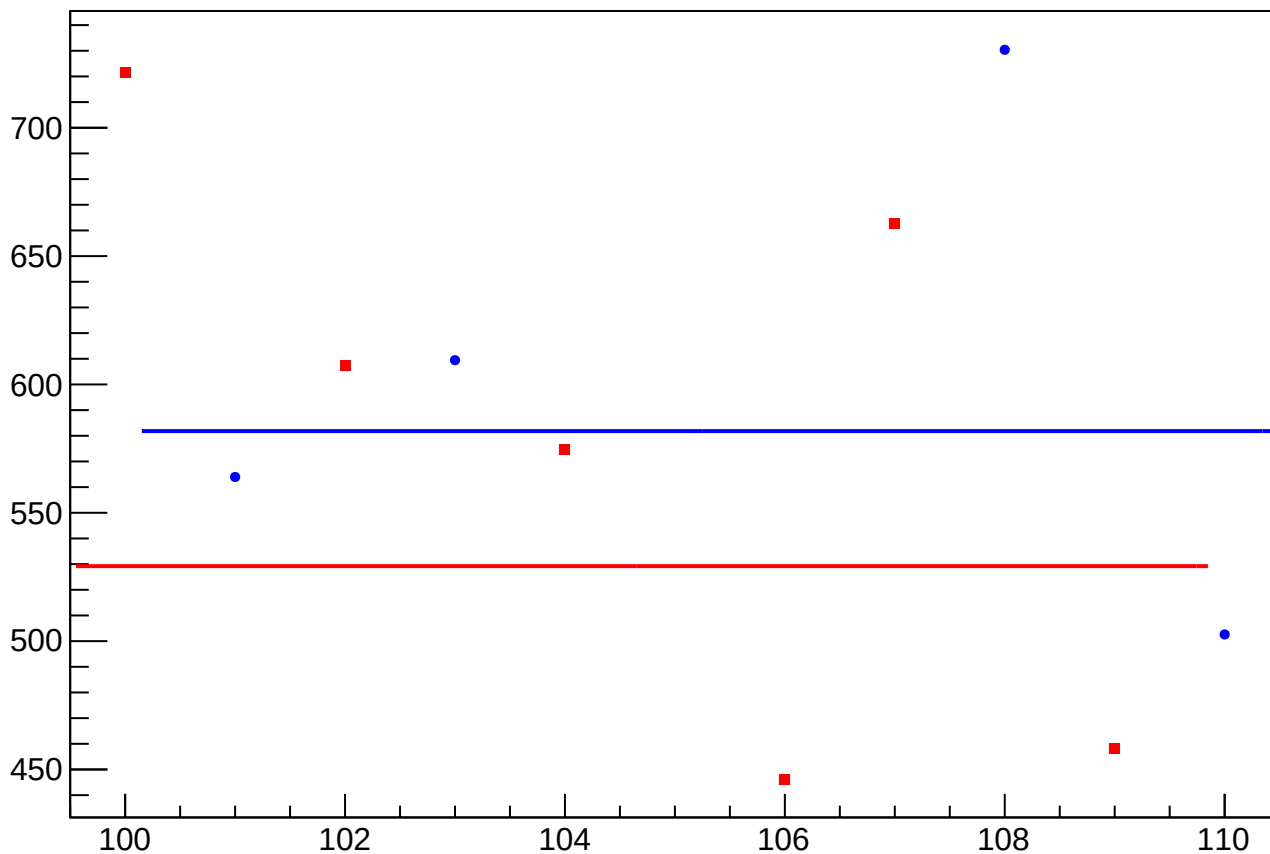
Right: -575.977+/-267.216 χ^2/NDF : 16.8/9

In: -224.115+/-411.100 χ^2/NDF : 8.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -575.977+/-267.216 χ^2/NDF : 16.8/9

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 581.825+/-0.291 χ^2/NDF : 55057.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 529.215+/-0.249 χ^2/NDF : 104932.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

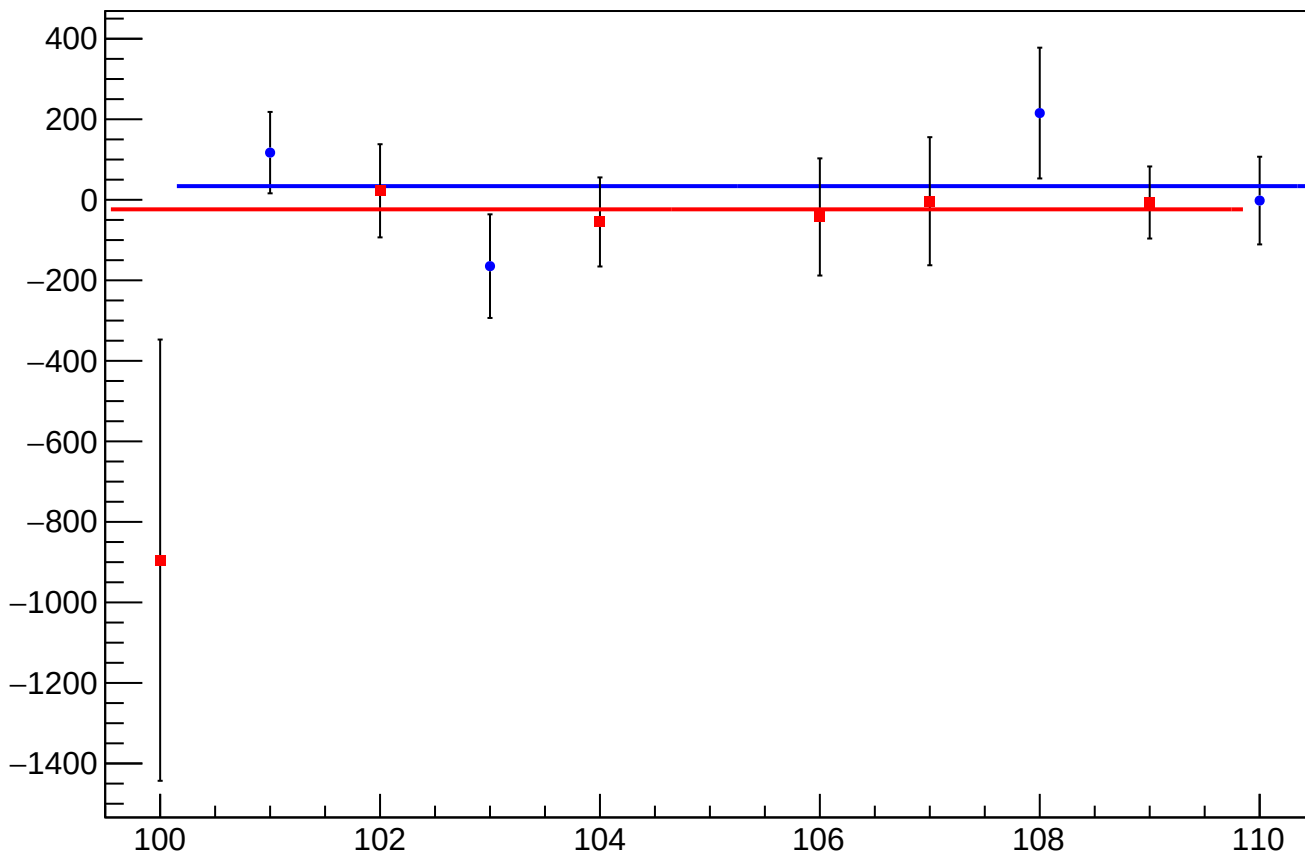
Right: 551.443+/-0.189 χ^2/NDF : 178905.6/9

In: 581.825+/-0.291 χ^2/NDF : 55057.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.443+/-0.189 χ^2/NDF : 178905.6/9

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 33.947+/-59.709 χ^2/NDF : 4.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.695+/-51.895 χ^2/NDF : 2.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

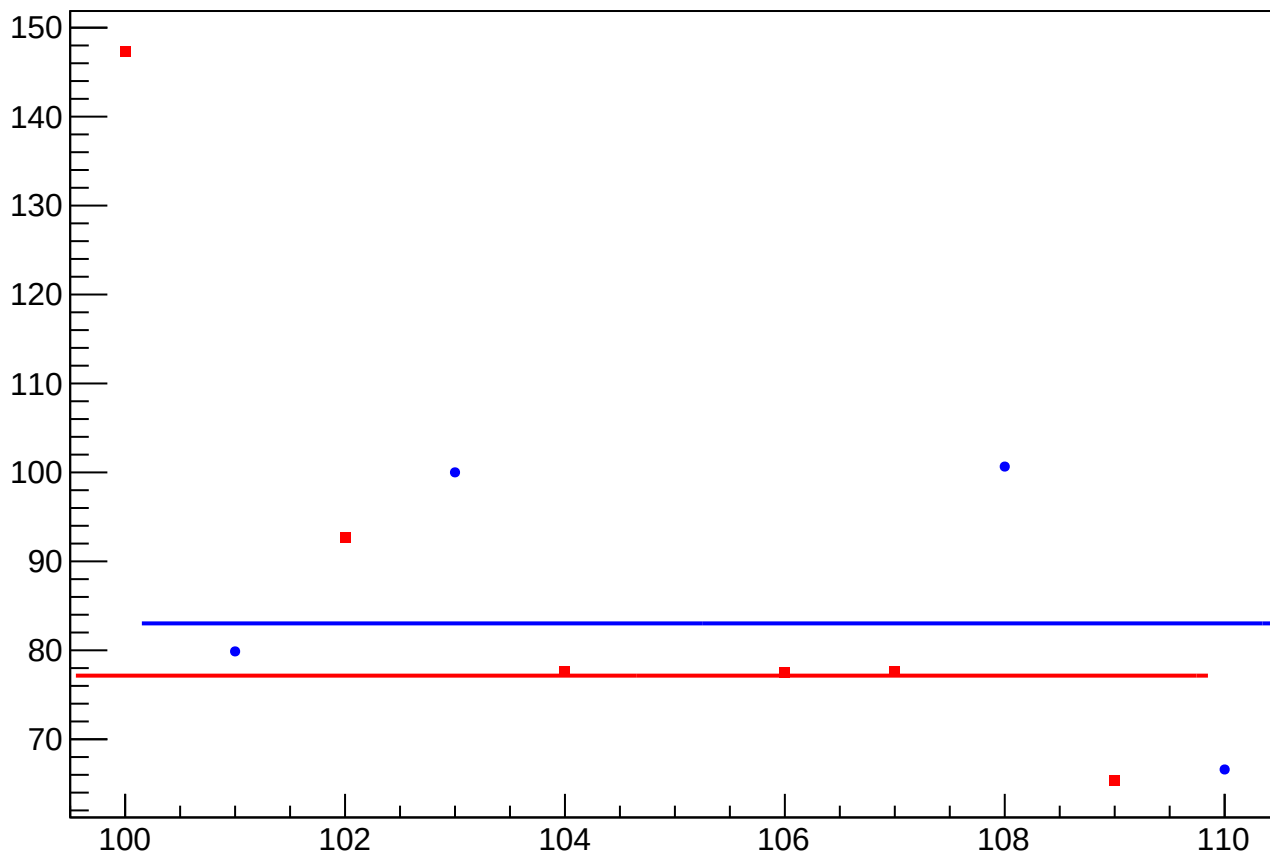
Right: 1.110+/-39.169 χ^2/NDF : 7.8/9

In: 33.947+/-59.709 χ^2/NDF : 4.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.110+/-39.169 χ^2/NDF : 7.8/9

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 83.026+/-0.042 χ^2/NDF : 105826.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.152+/-0.037 χ^2/NDF : 103405.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

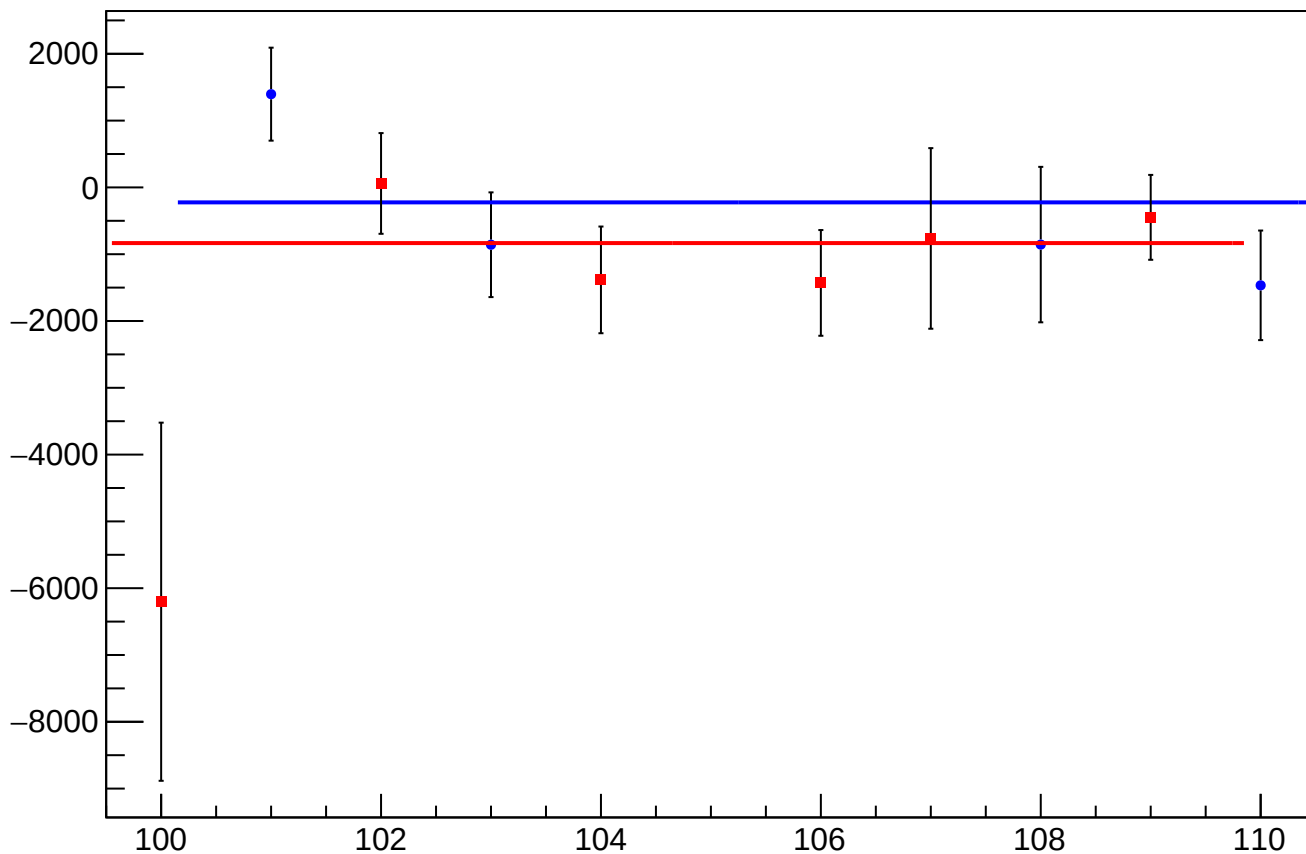
Right: 79.680+/-0.028 χ^2/NDF : 220259.2/9

In: 83.026+/-0.042 χ^2/NDF : 105826.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.680+/-0.028 χ^2/NDF : 220259.2/9

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -224.115+/-411.100 χ^2/NDF : 8.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -833.400+/-351.630 χ^2/NDF : 6.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

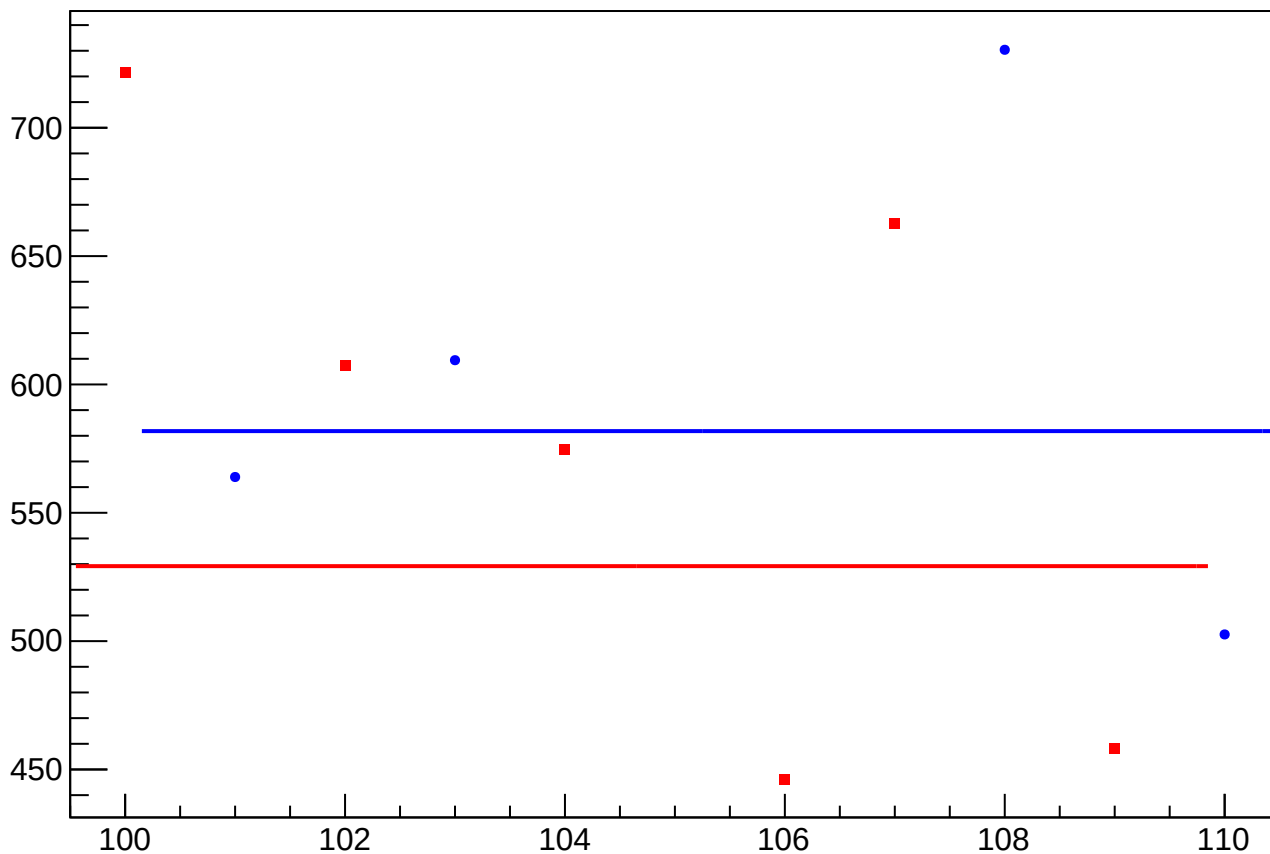
Right: -575.976+/-267.216 χ^2/NDF : 16.8/9

In: -224.115+/-411.100 χ^2/NDF : 8.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -575.976+/-267.216 χ^2/NDF : 16.8/9

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 581.825+/-0.291 χ^2/NDF : 55057.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 529.214+/-0.249 χ^2/NDF : 104933.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

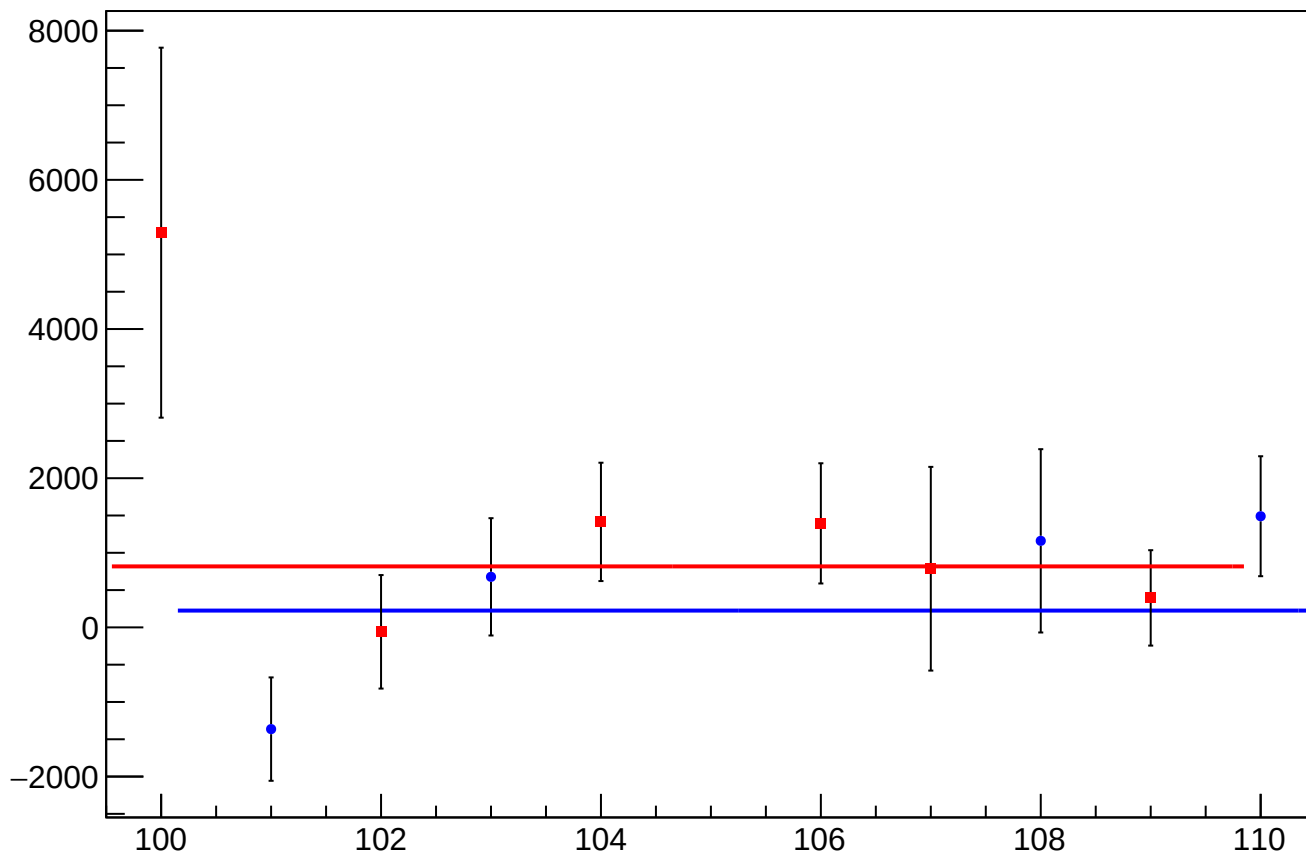
Right: 551.442+/-0.189 χ^2/NDF : 178906.6/9

In: 581.825+/-0.291 χ^2/NDF : 55057.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.442+/-0.189 χ^2/NDF : 178906.6/9

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 225.264+/-411.427 χ^2/NDF : 8.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 817.636+/-353.560 χ^2/NDF : 6.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

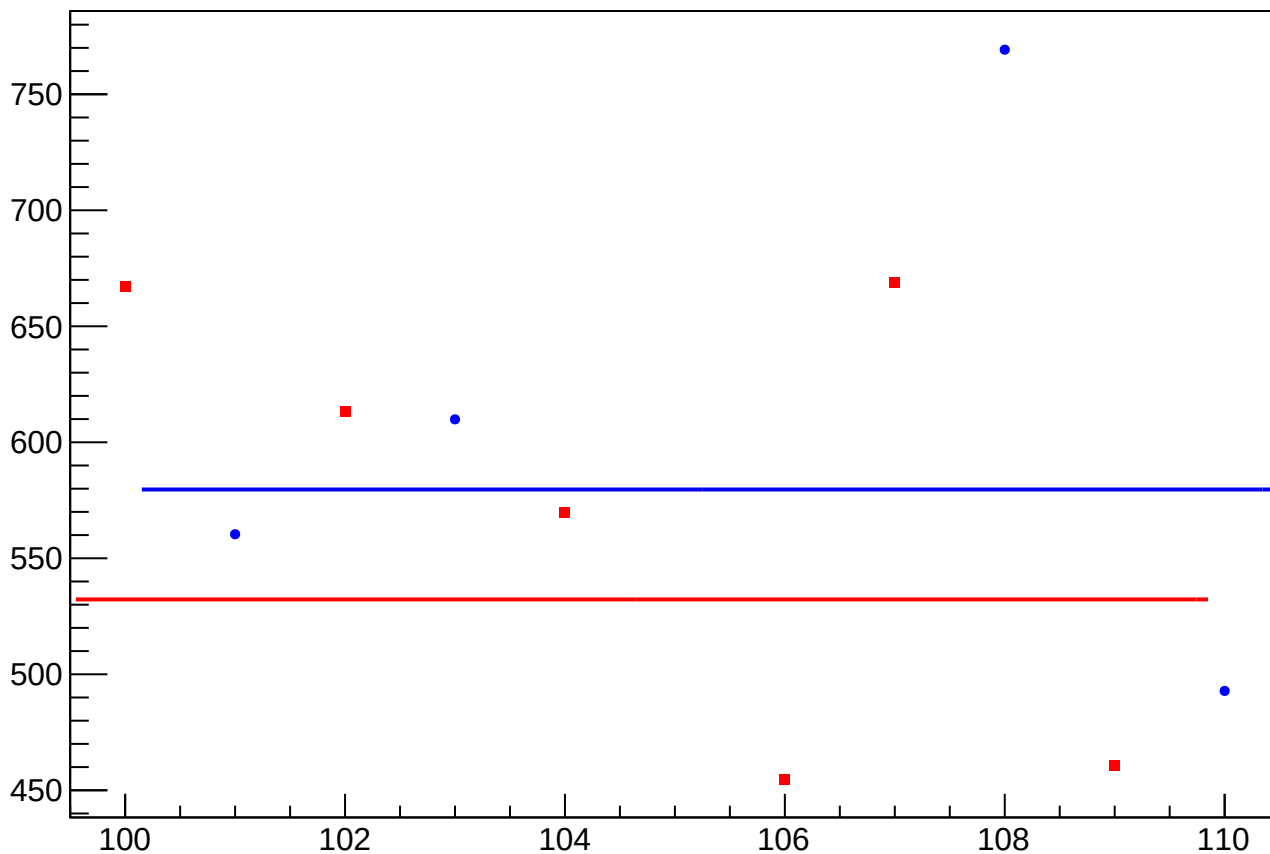
Right: 566.005+/-268.150 χ^2/NDF : 15.9/9

In: 225.264+/-411.427 χ^2/NDF : 8.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.005+/-268.150 χ^2/NDF : 15.9/9

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 579.650 $\pm$ 0.291 χ^2 /NDF: 75422.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 532.268 $\pm$ 0.250 χ^2 /NDF: 96529.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

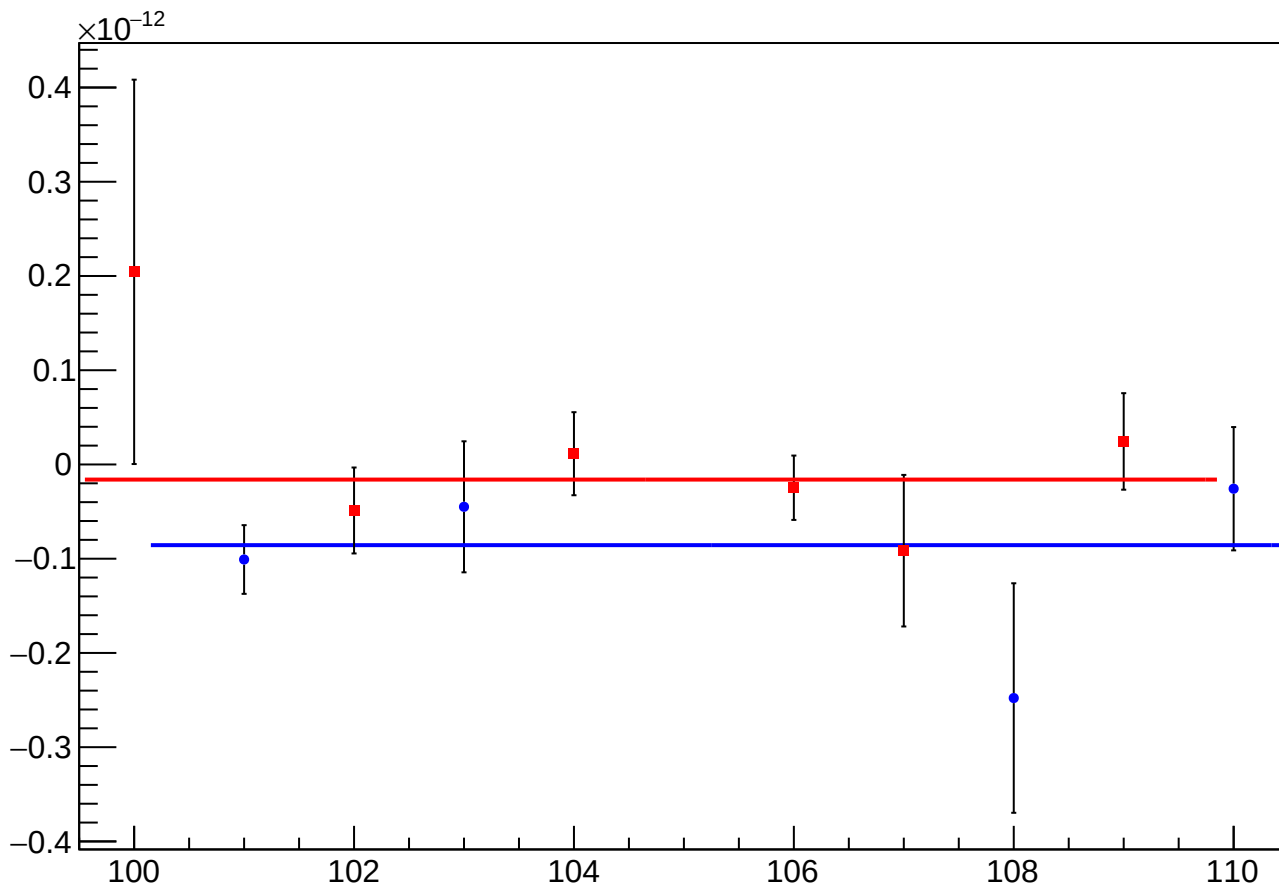
Right: 552.395 $\pm$ 0.190 χ^2 /NDF: 187209.2/9

In: 579.650 $\pm$ 0.291 χ^2 /NDF: 75422.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 552.395 $\pm$ 0.190 χ^2 /NDF: 187209.2/9

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

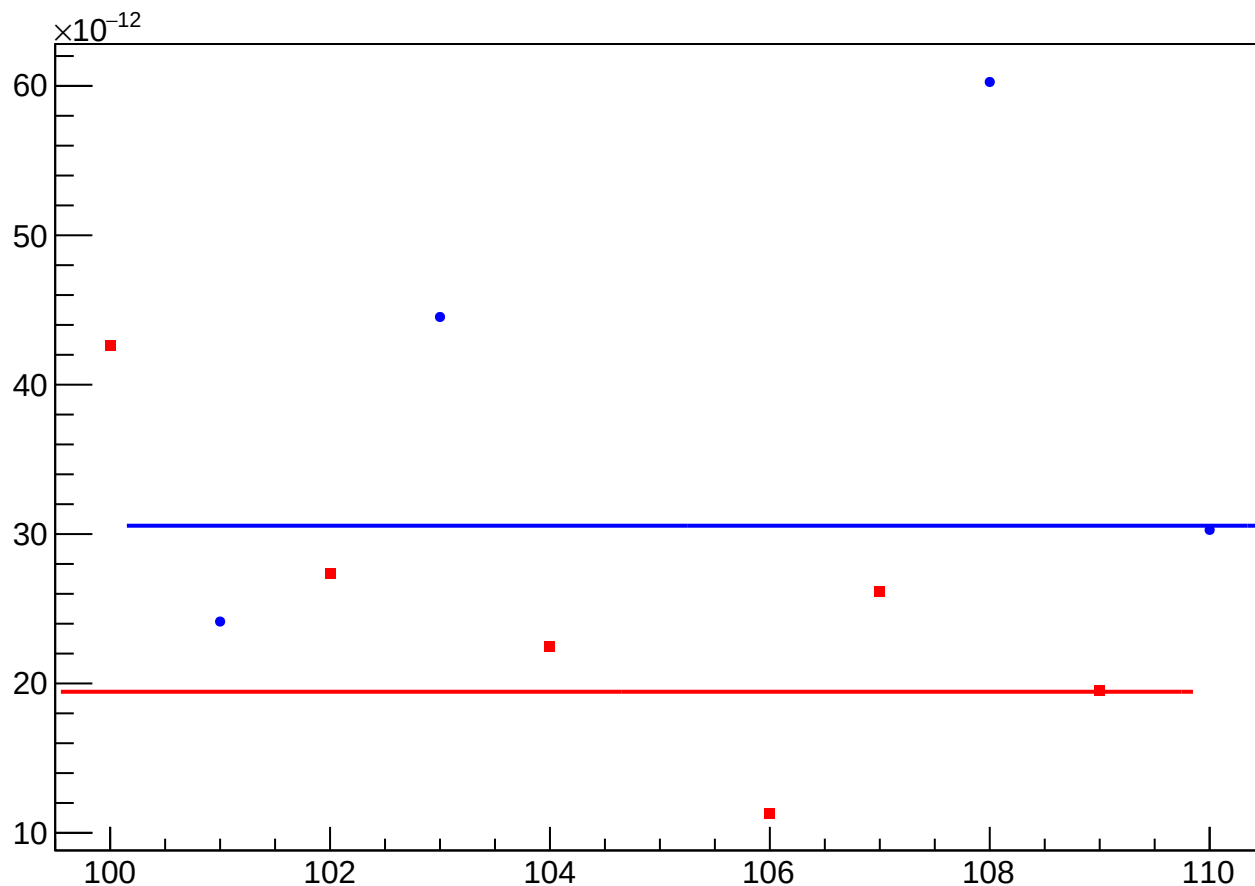
Right: -0.000+/-0.000 χ^2/NDF : 10.8/9

In: -0.000+/-0.000 χ^2/NDF : 3.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.8/9

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 261784.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 223239.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

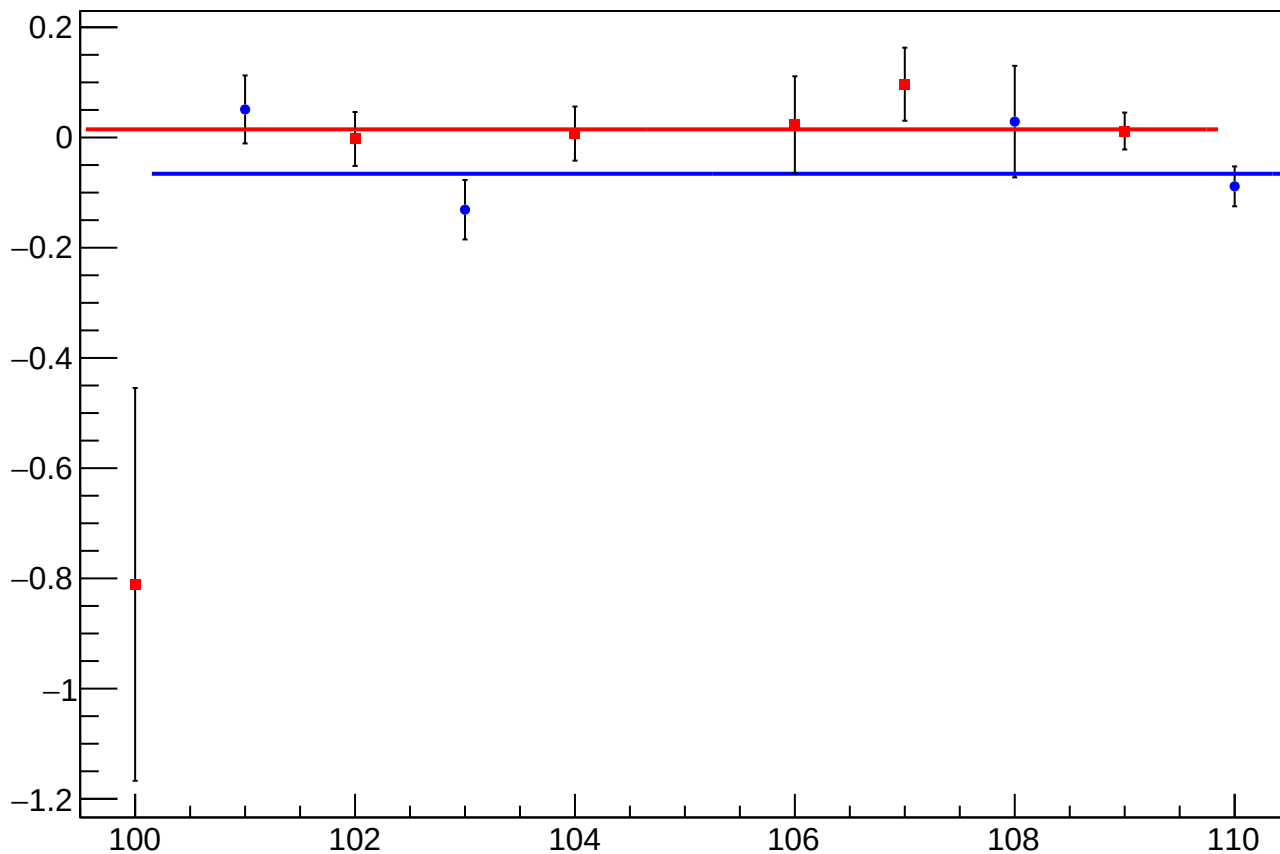
Right: 0.000+/-0.000 χ^2/NDF : 689640.8/9

In: 0.000+/-0.000 χ^2/NDF : 261784.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 689640.8/9

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.066+/-0.026 χ^2/NDF : 6.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.022 χ^2/NDF : 7.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

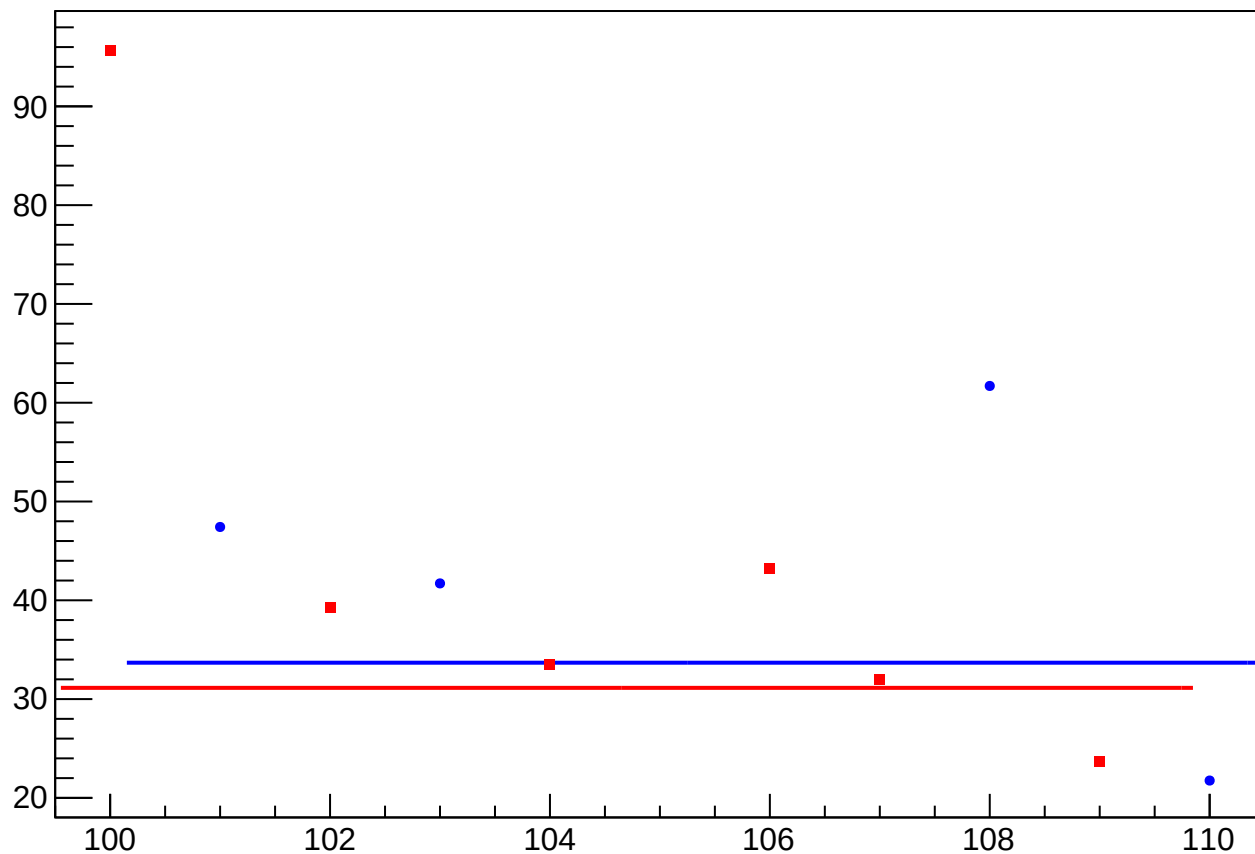
Right: -0.018+/-0.017 χ^2/NDF : 19.0/9

In: -0.066+/-0.026 χ^2/NDF : 6.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.017 χ^2/NDF : 19.0/9

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.684 $\pm$ 0.018 χ^2 /NDF: 514023.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.137 $\pm$ 0.015 χ^2 /NDF: 263485.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

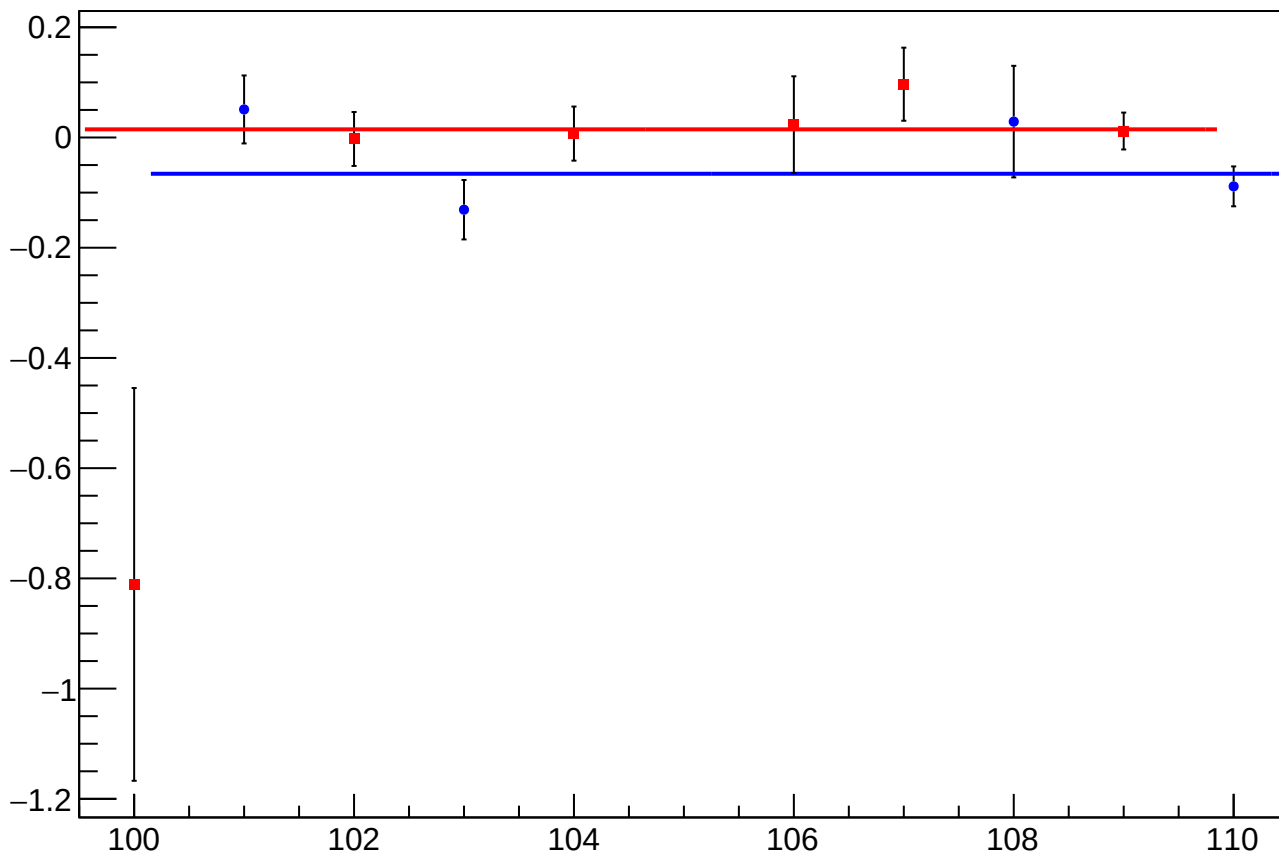
Right: 32.188 $\pm$ 0.012 χ^2 /NDF: 788695.0/9

In: 33.684 $\pm$ 0.018 χ^2 /NDF: 514023.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.188 $\pm$ 0.012 χ^2 /NDF: 788695.0/9

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.066+/-0.026 χ^2/NDF : 6.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.022 χ^2/NDF : 7.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

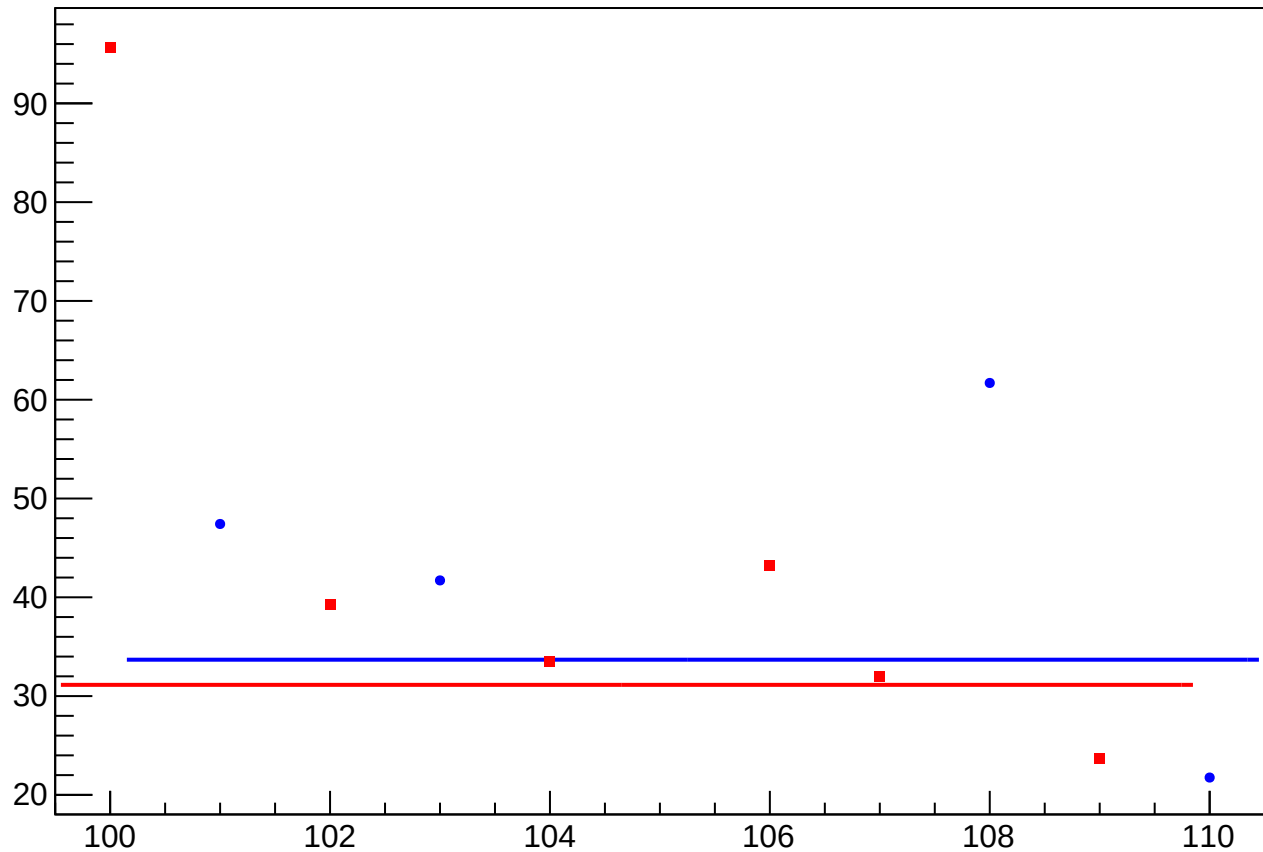
Right: -0.018+/-0.017 χ^2/NDF : 19.0/9

In: -0.066+/-0.026 χ^2/NDF : 6.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.017 χ^2/NDF : 19.0/9

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.684+/-0.018 χ^2/NDF : 514023.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.137+/-0.015 χ^2/NDF : 263485.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

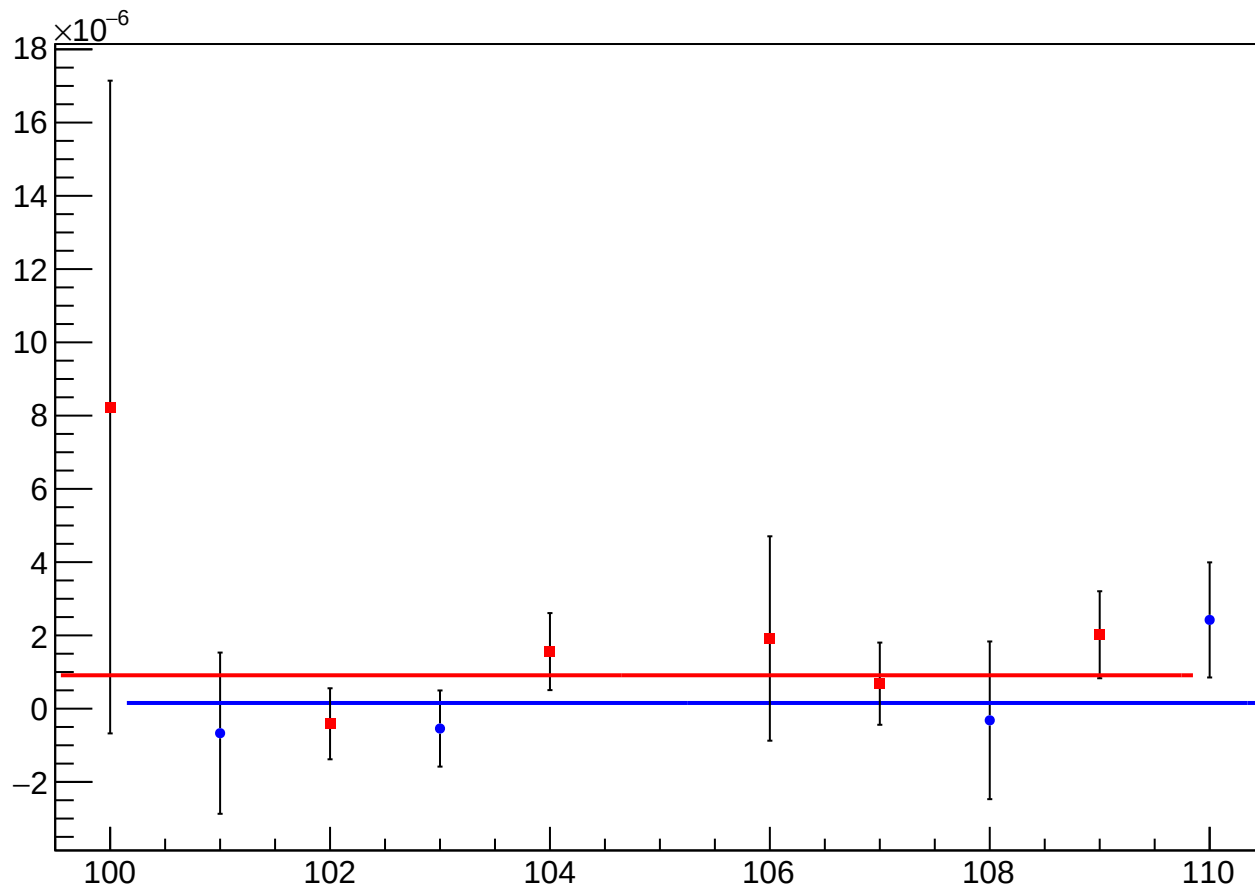
Right: 32.188+/-0.012 χ^2/NDF : 788695.0/9

In: 33.684+/-0.018 χ^2/NDF : 514023.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.188+/-0.012 χ^2/NDF : 788695.0/9

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

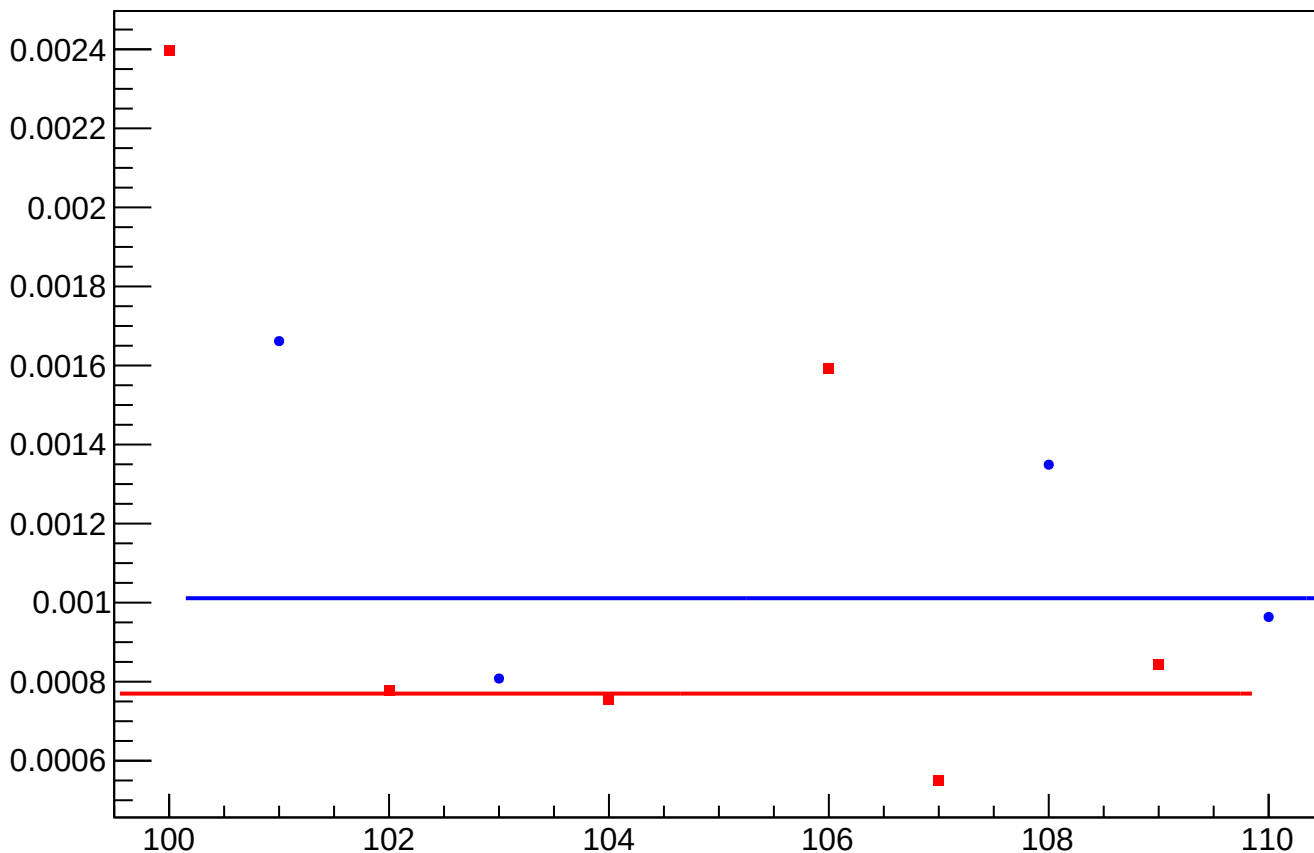
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.4/9

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.4/9

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 302276.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 325548.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

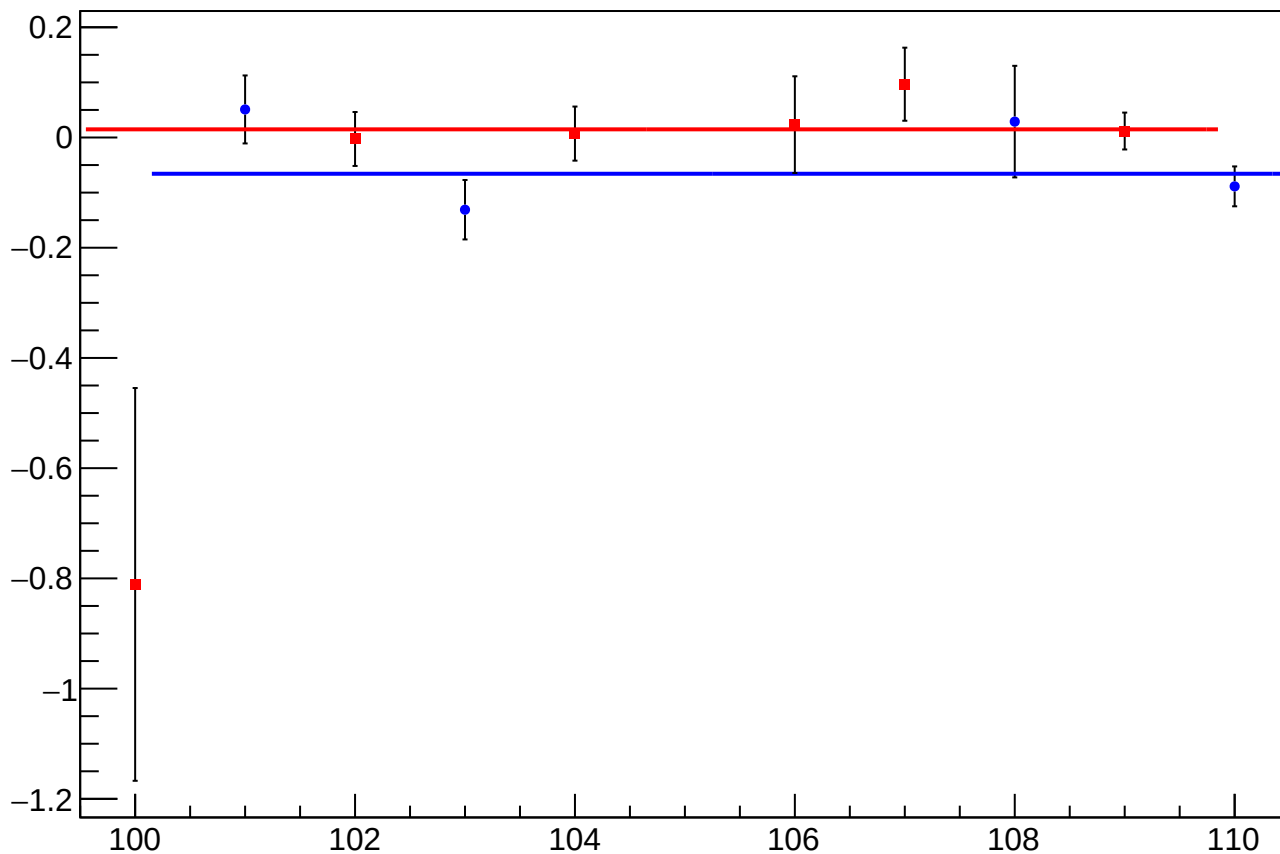
Right: 0.001+/-0.000 χ^2/NDF : 765277.4/9

In: 0.001+/-0.000 χ^2/NDF : 302276.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 765277.4/9

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.066 $\pm$ 0.026 χ^2 /NDF: 6.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.015 $\pm$ 0.022 χ^2 /NDF: 7.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

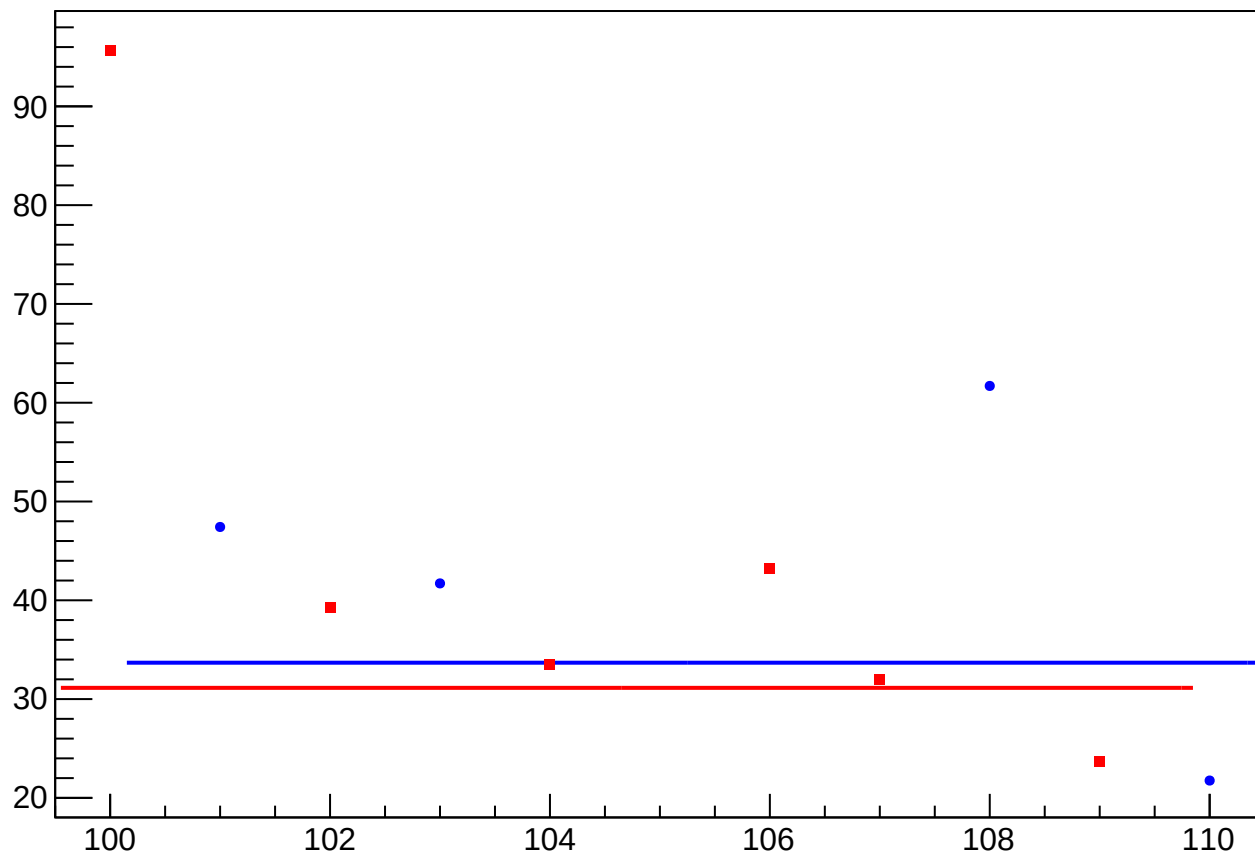
Right: -0.018 $\pm$ 0.017 χ^2 /NDF: 19.0/9

In: -0.066 $\pm$ 0.026 χ^2 /NDF:6.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.017 χ^2 /NDF: 19.0/9

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.683+/-0.018 χ^2/NDF : 514059.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.137+/-0.015 χ^2/NDF : 263491.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

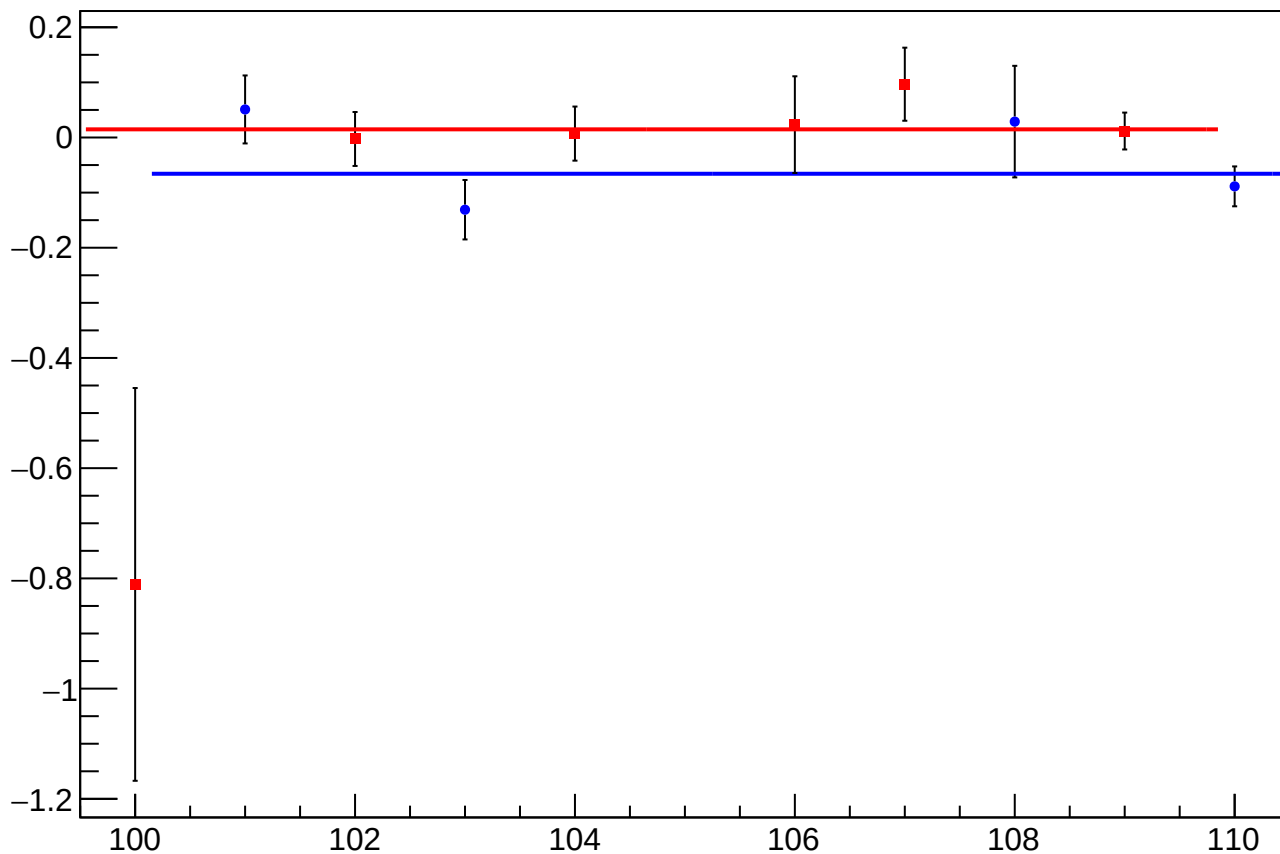
Right: 32.187+/-0.012 χ^2/NDF : 788731.7/9

In: 33.683+/-0.018 χ^2/NDF : 514059.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.187+/-0.012 χ^2/NDF : 788731.7/9

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.066+/-0.026 χ^2/NDF : 6.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.022 χ^2/NDF : 7.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

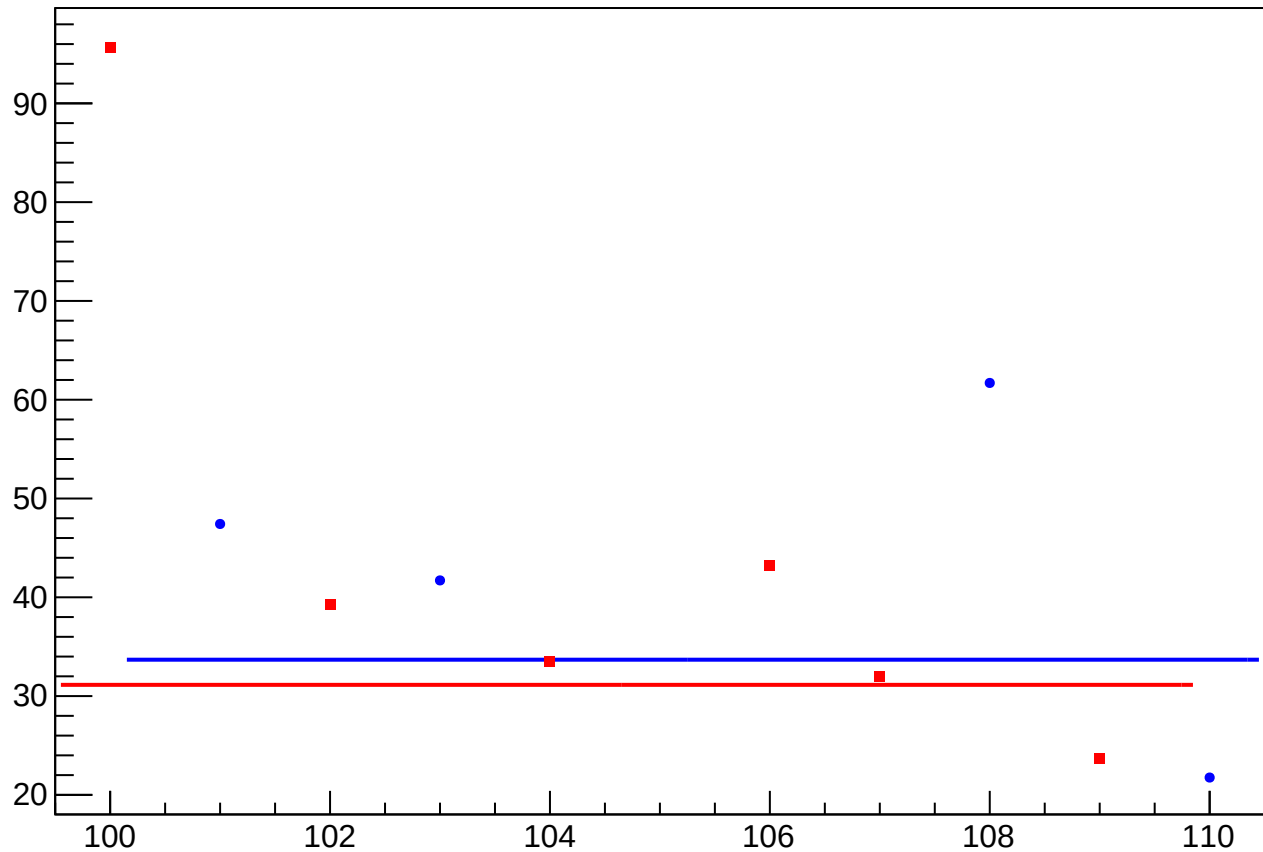
Right: -0.018+/-0.017 χ^2/NDF : 19.0/9

In: -0.066+/-0.026 χ^2/NDF : 6.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.017 χ^2/NDF : 19.0/9

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.683+/-0.018 χ^2/NDF : 514059.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.137+/-0.015 χ^2/NDF : 263491.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

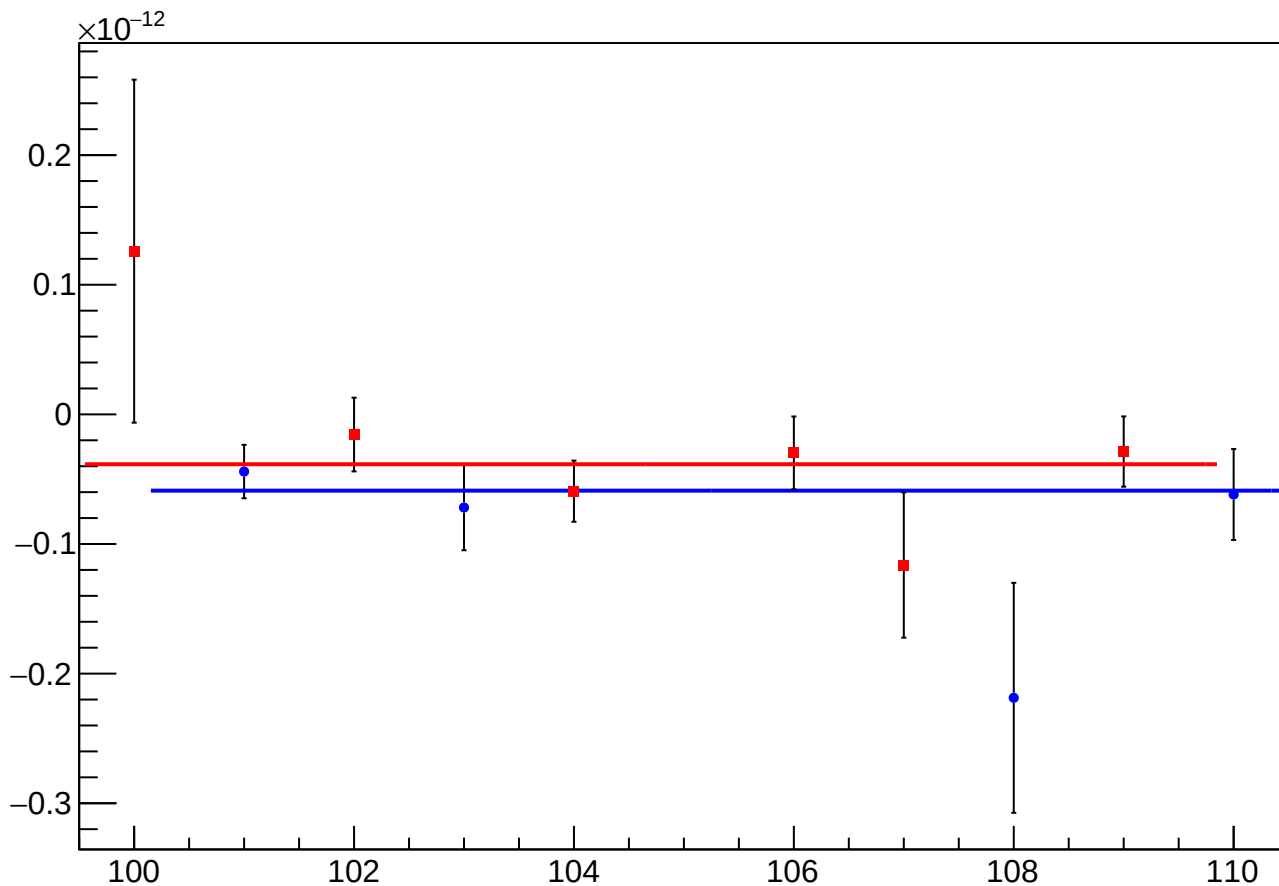
Right: 32.187+/-0.012 χ^2/NDF : 788731.7/9

In: 33.683+/-0.018 χ^2/NDF : 514059.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.187+/-0.012 χ^2/NDF : 788731.7/9

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

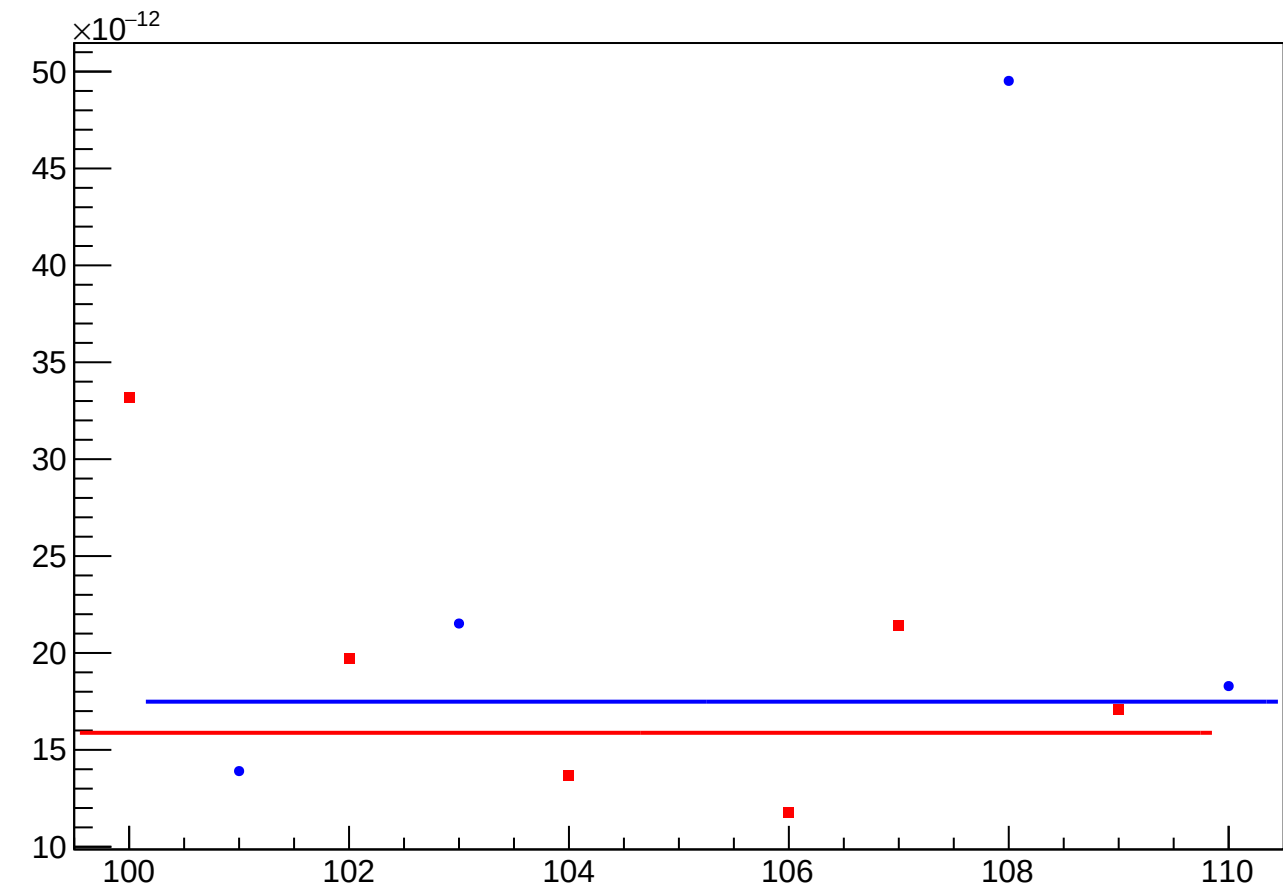
Right: -0.000+/-0.000 χ^2/NDF : 10.1/9

In: -0.000+/-0.000 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.1/9

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 352242.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 153858.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

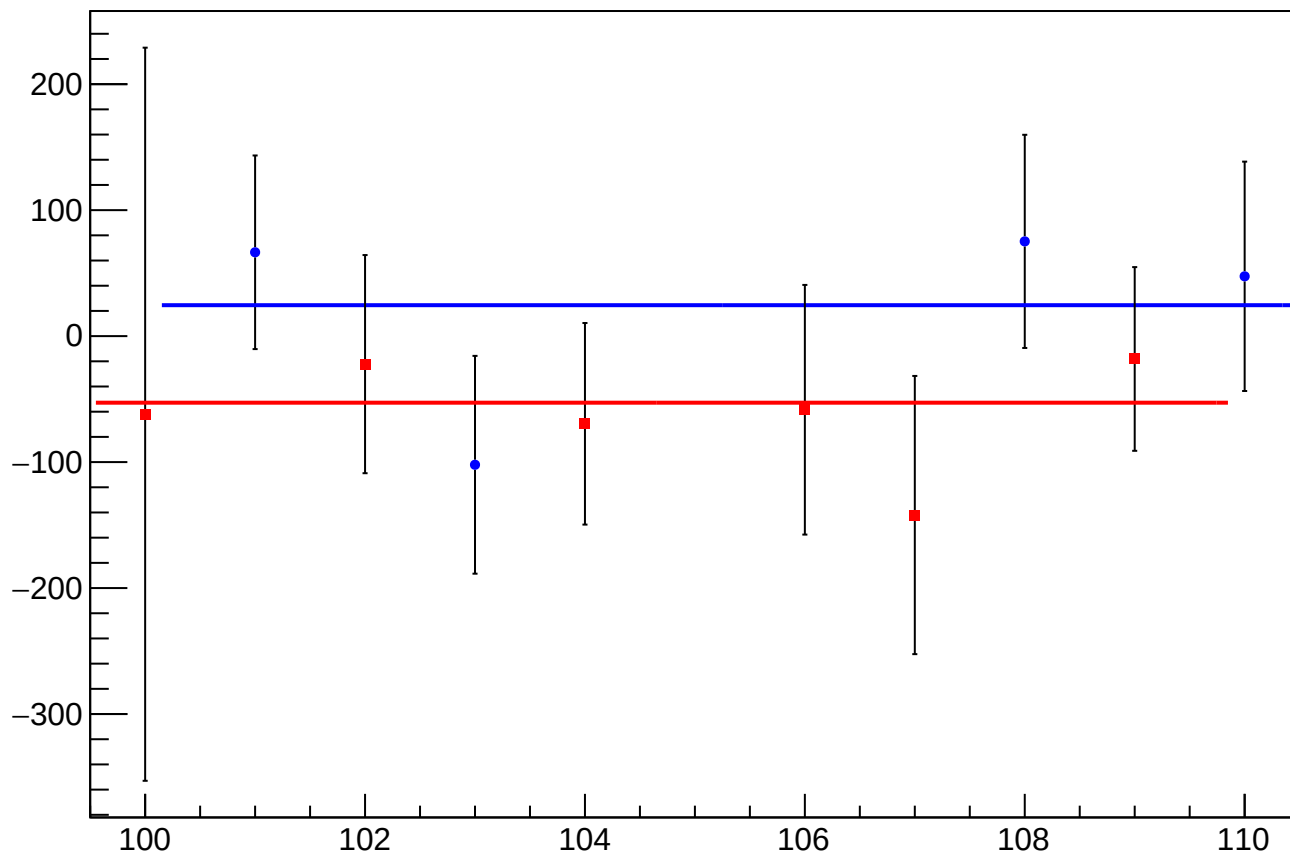
Right: 0.000+/-0.000 χ^2/NDF : 518909.1/9

In: 0.000+/-0.000 χ^2/NDF : 352242.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 518909.1/9

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 24.553+/-42.126 χ^2/NDF : 2.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.847+/-38.537 χ^2/NDF : 1.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

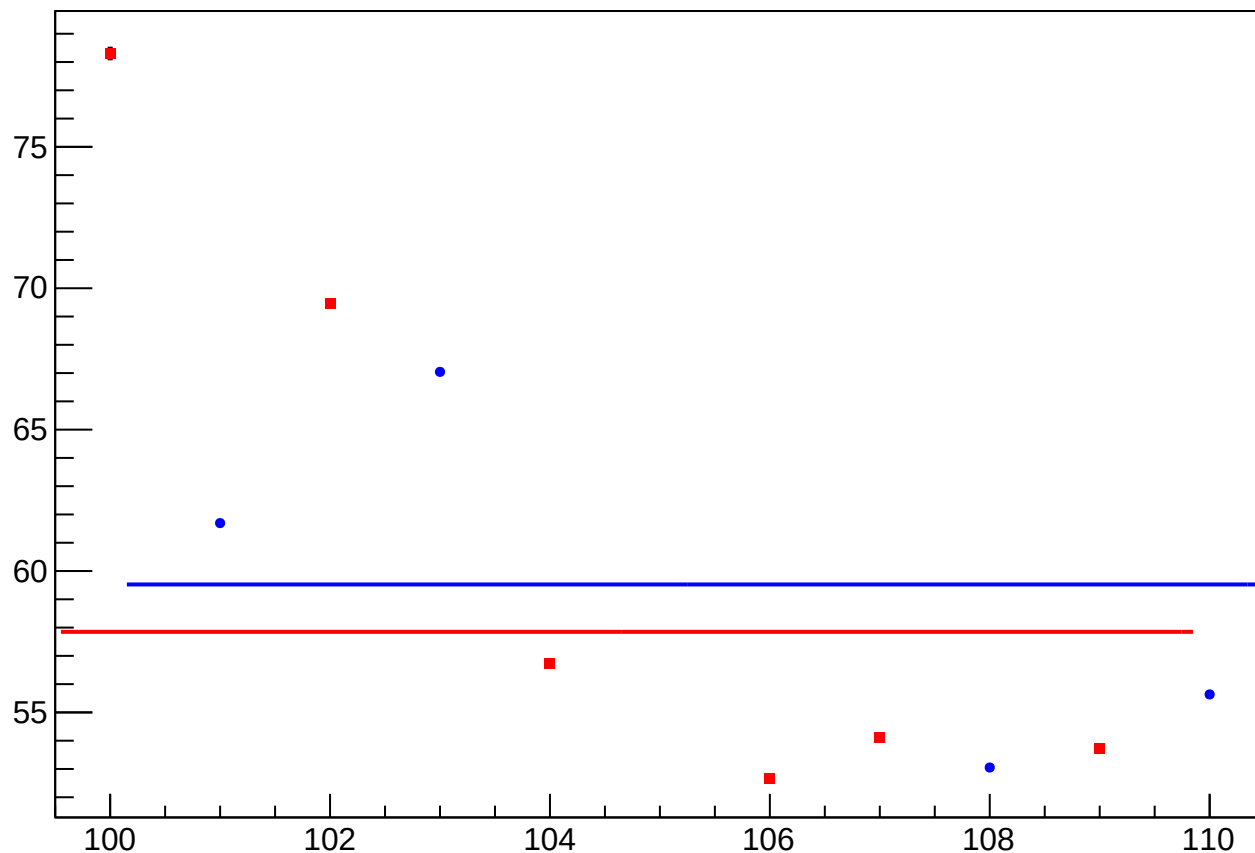
Right: -17.585+/-28.434 χ^2/NDF : 5.8/9

In: 24.553+/-42.126 χ^2/NDF : 2.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.585+/-28.434 χ^2/NDF : 5.8/9

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 59.525+/-0.030 χ^2/NDF : 32075.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.849+/-0.027 χ^2/NDF : 60333.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

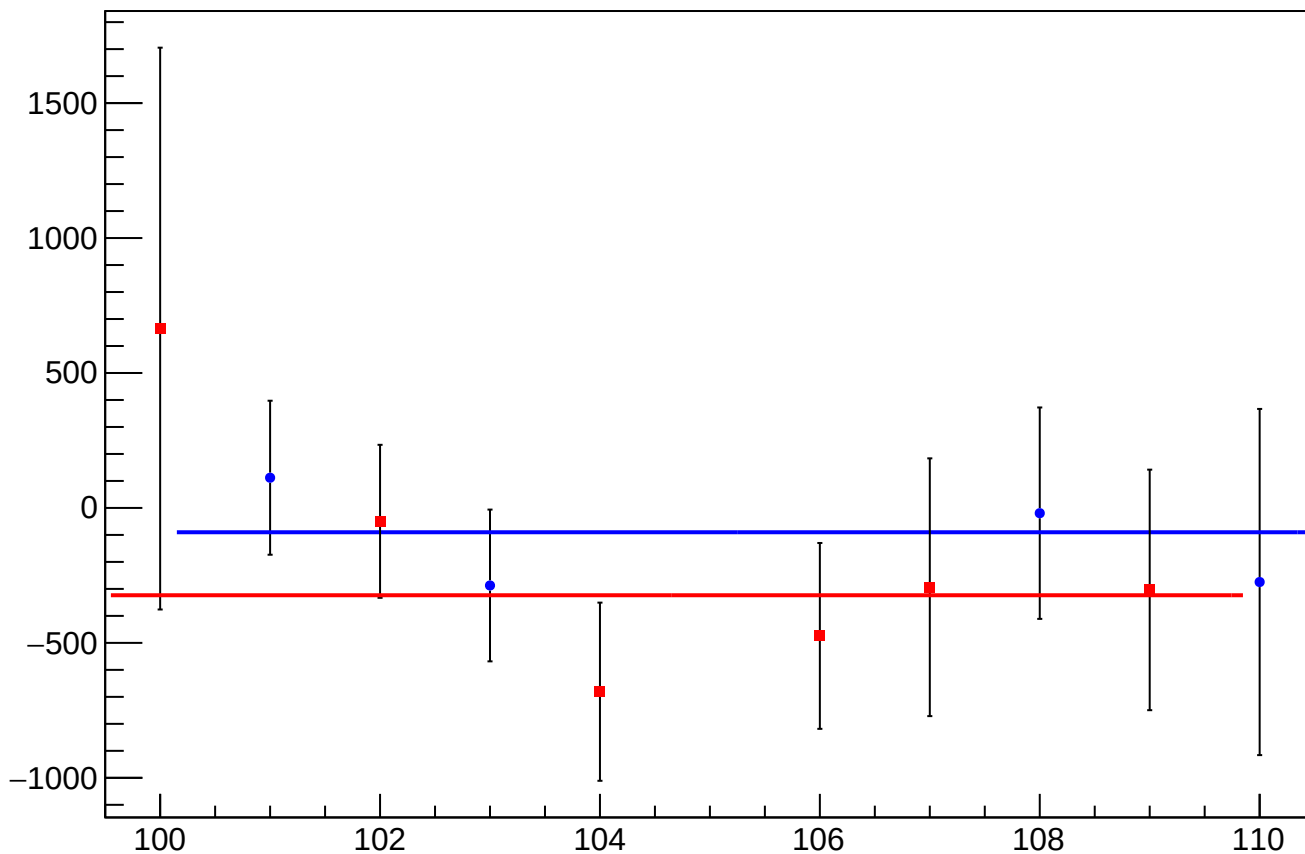
Right: 58.613+/-0.020 χ^2/NDF : 94131.8/9

In: 59.525+/-0.030 χ^2/NDF : 32075.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.613+/-0.020 χ^2/NDF : 94131.8/9

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -90.109+/-171.790 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -323.496+/-157.318 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

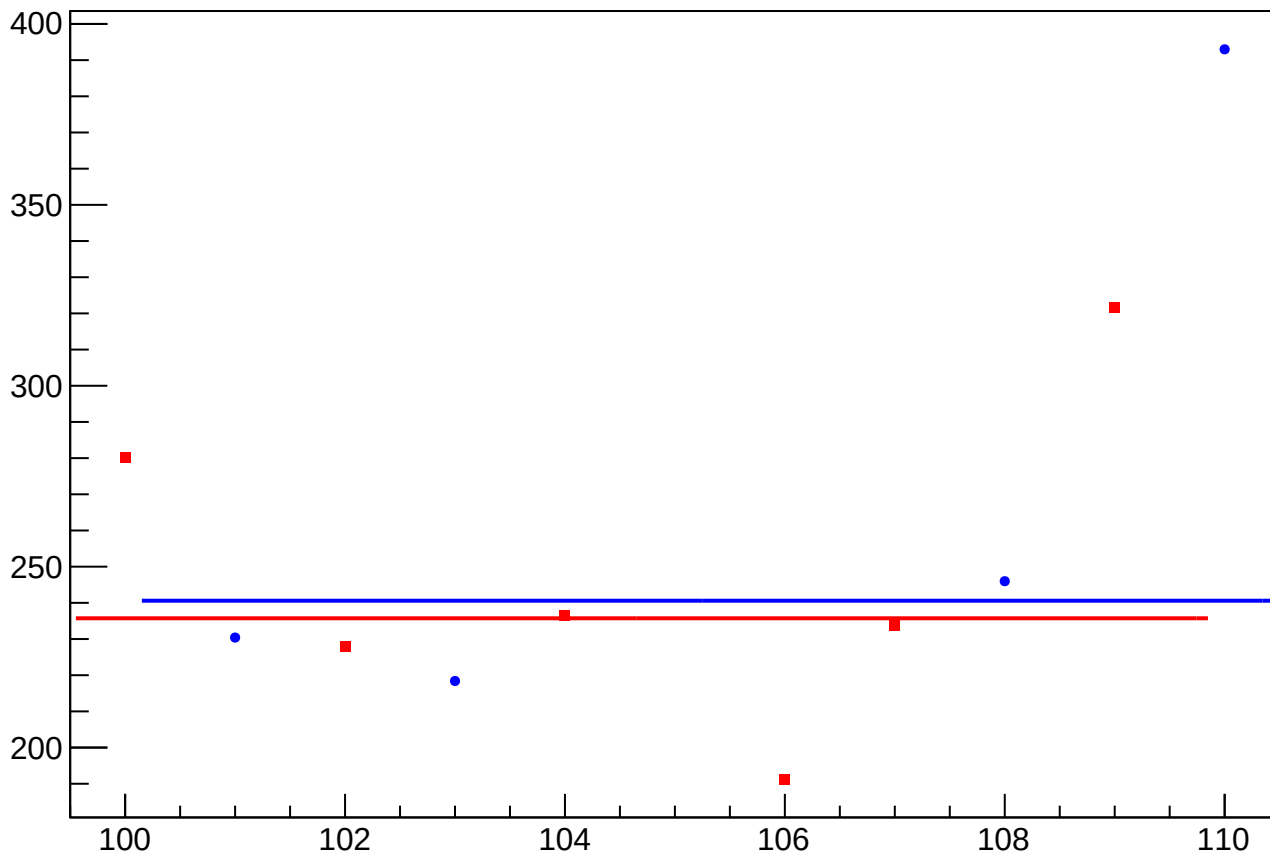
Right: -217.046+/-116.020 χ^2/NDF : 5.3/9

In: -90.109+/-171.790 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.046+/-116.020 χ^2/NDF : 5.3/9

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 240.587+/-0.121 χ^2/NDF : 128324.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.733+/-0.111 χ^2/NDF : 113088.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

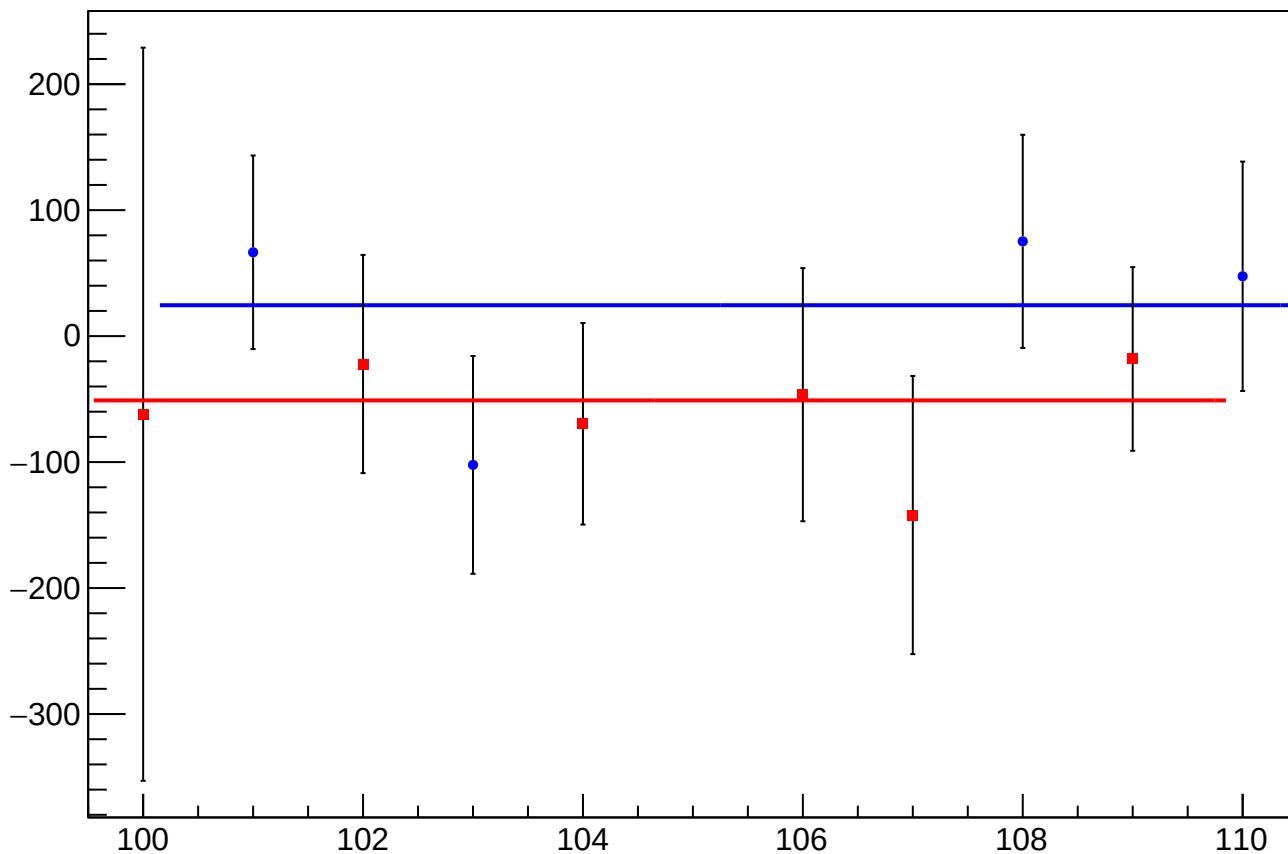
Right: 237.947+/-0.082 χ^2/NDF : 242281.6/9

In: 240.587+/-0.121 χ^2/NDF : 128324.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.947+/-0.082 χ^2/NDF : 242281.6/9

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 24.532+/-42.126 χ^2/NDF : 2.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.039+/-38.619 χ^2/NDF : 1.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

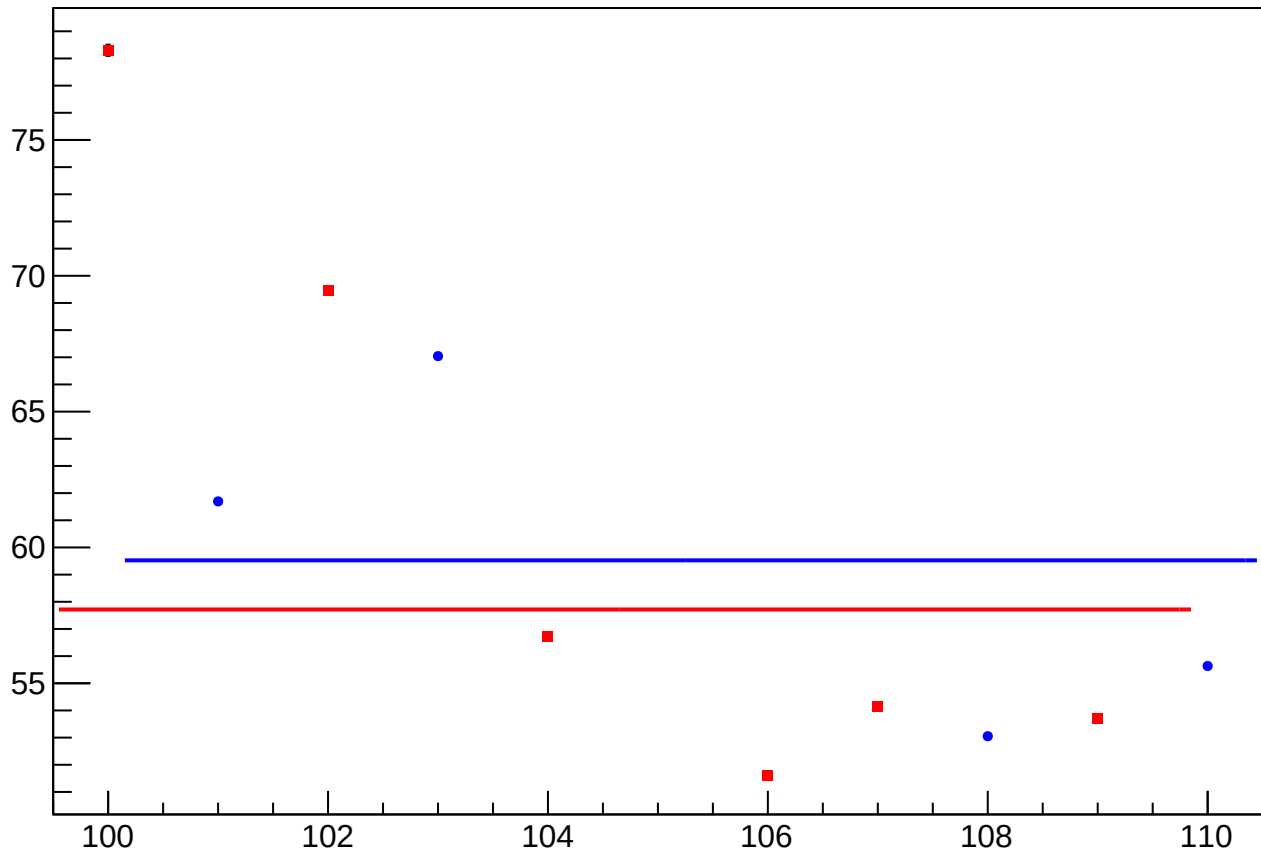
Right: -16.531+/-28.467 χ^2/NDF : 5.7/9

In: 24.532+/-42.126 χ^2/NDF : 2.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.531+/-28.467 χ^2/NDF : 5.7/9

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 59.525+/-0.030 χ^2/NDF : 32075.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.717+/-0.027 χ^2/NDF : 62659.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

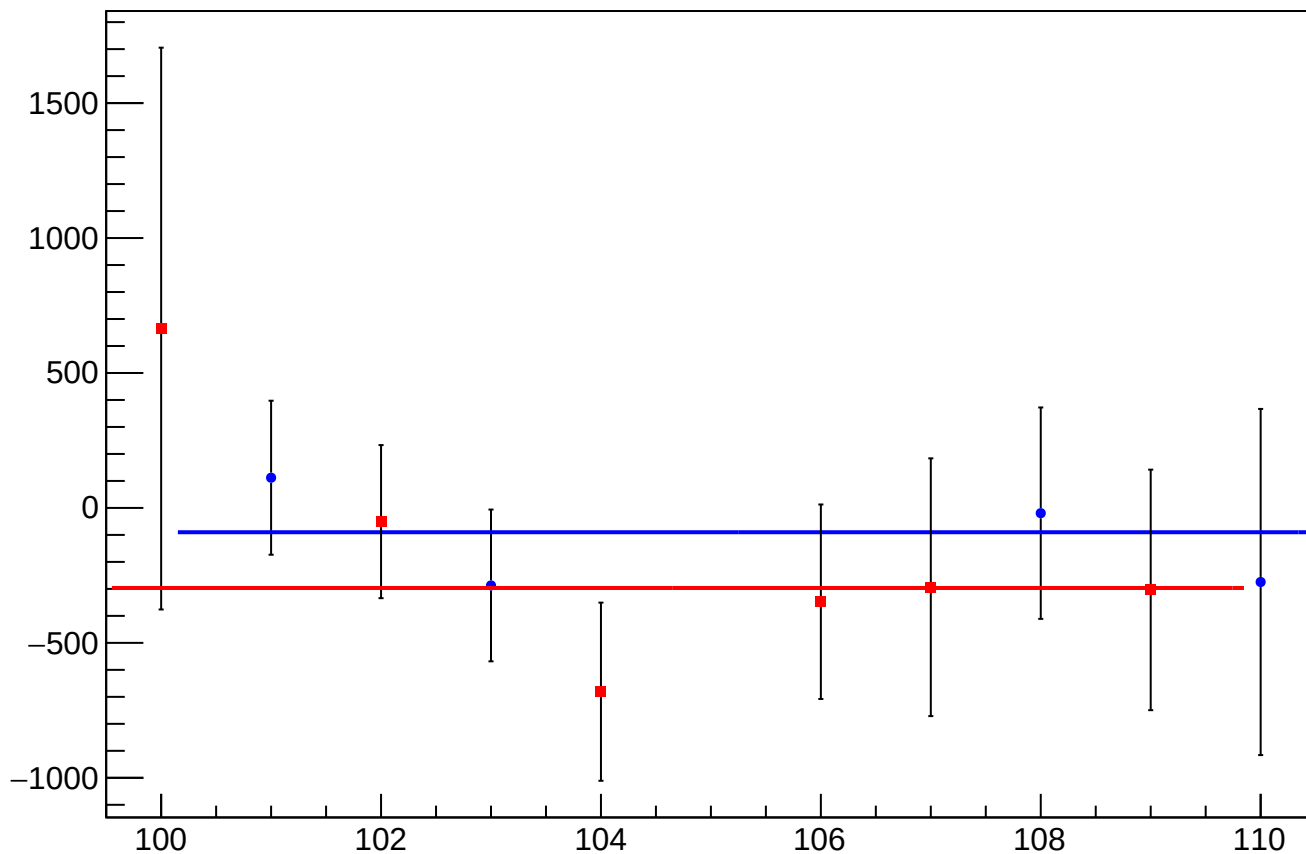
Right: 58.542+/-0.020 χ^2/NDF : 96737.9/9

In: 59.525+/-0.030 χ^2/NDF : 32075.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.542+/-0.020 χ^2/NDF : 96737.9/9

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -90.081 ± 171.793 $\chi^2/\text{NDF}: 1.1/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -296.611 ± 158.798 $\chi^2/\text{NDF}: 3.0/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

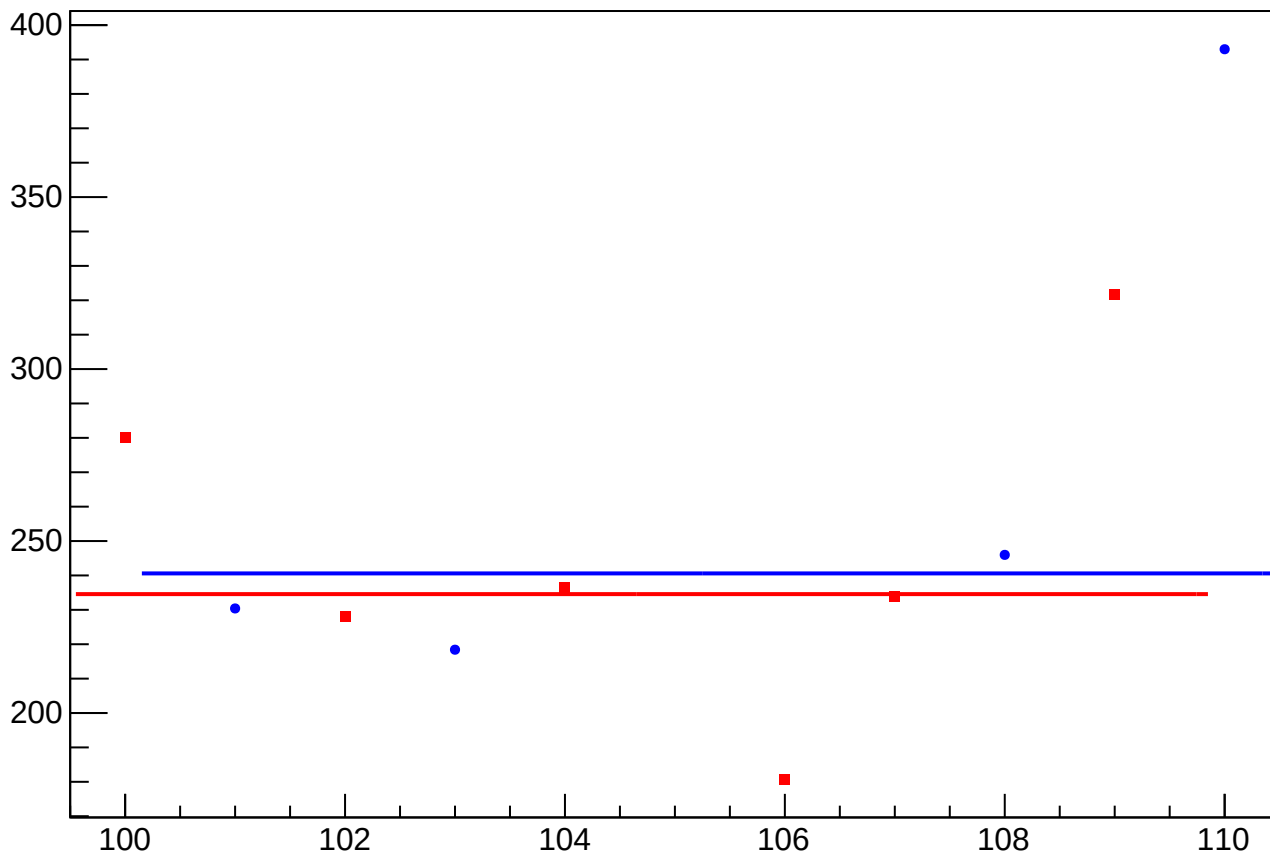
Right: -201.451 ± 116.611 $\chi^2/\text{NDF}: 4.9/9$

In: -90.081 ± 171.793 $\chi^2/\text{NDF}: 1.1/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -201.451 ± 116.611 $\chi^2/\text{NDF}: 4.9/9$

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 240.590 $\pm$ 0.121 χ^2 /NDF: 128315.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 234.571 $\pm$ 0.112 χ^2 /NDF: 126164.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

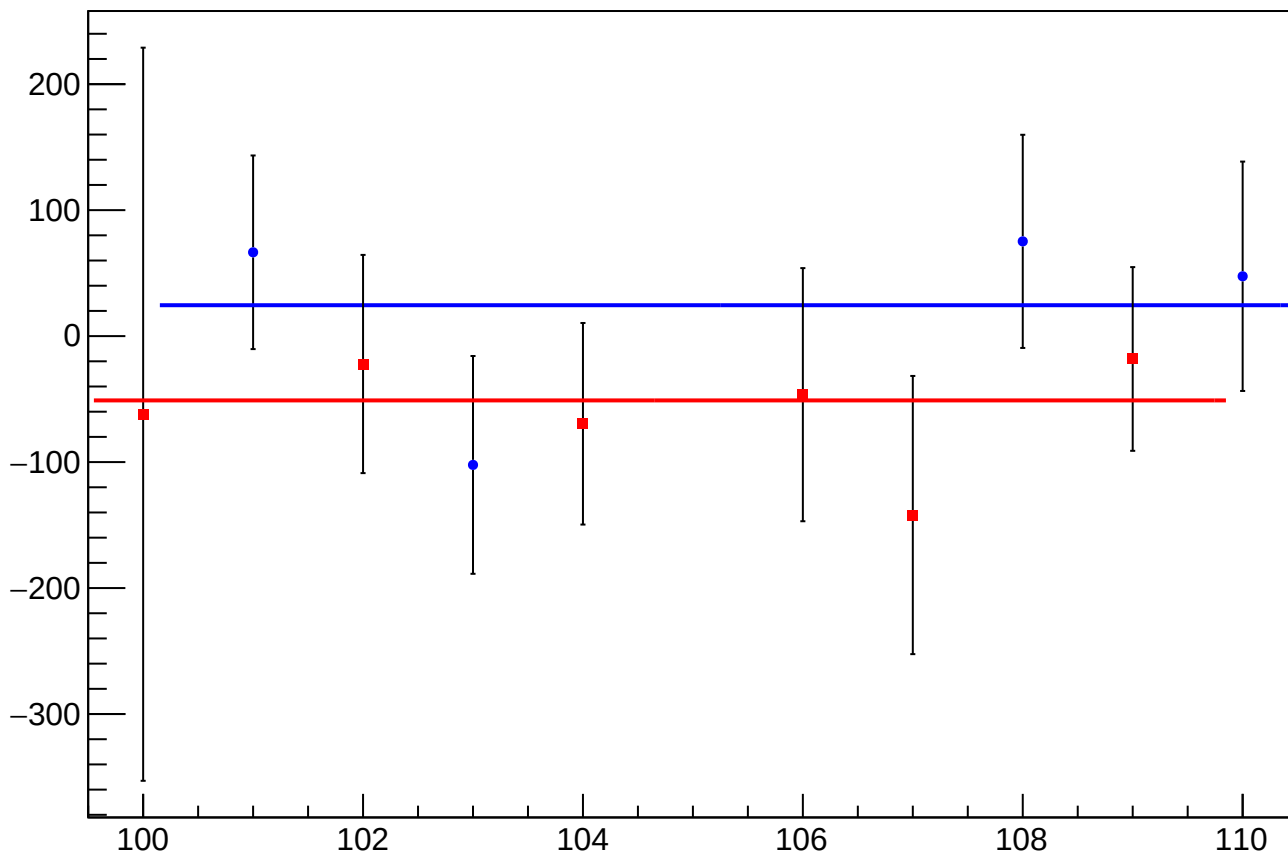
Right: 237.345 $\pm$ 0.082 χ^2 /NDF: 255804.1/9

In: 240.590 $\pm$ 0.121 χ^2 /NDF:128315.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 237.345 $\pm$ 0.082 χ^2 /NDF: 255804.1/9

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 24.532 $\pm$ 42.126 χ^2 /NDF: 2.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -51.039 $\pm$ 38.619 χ^2 /NDF: 1.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

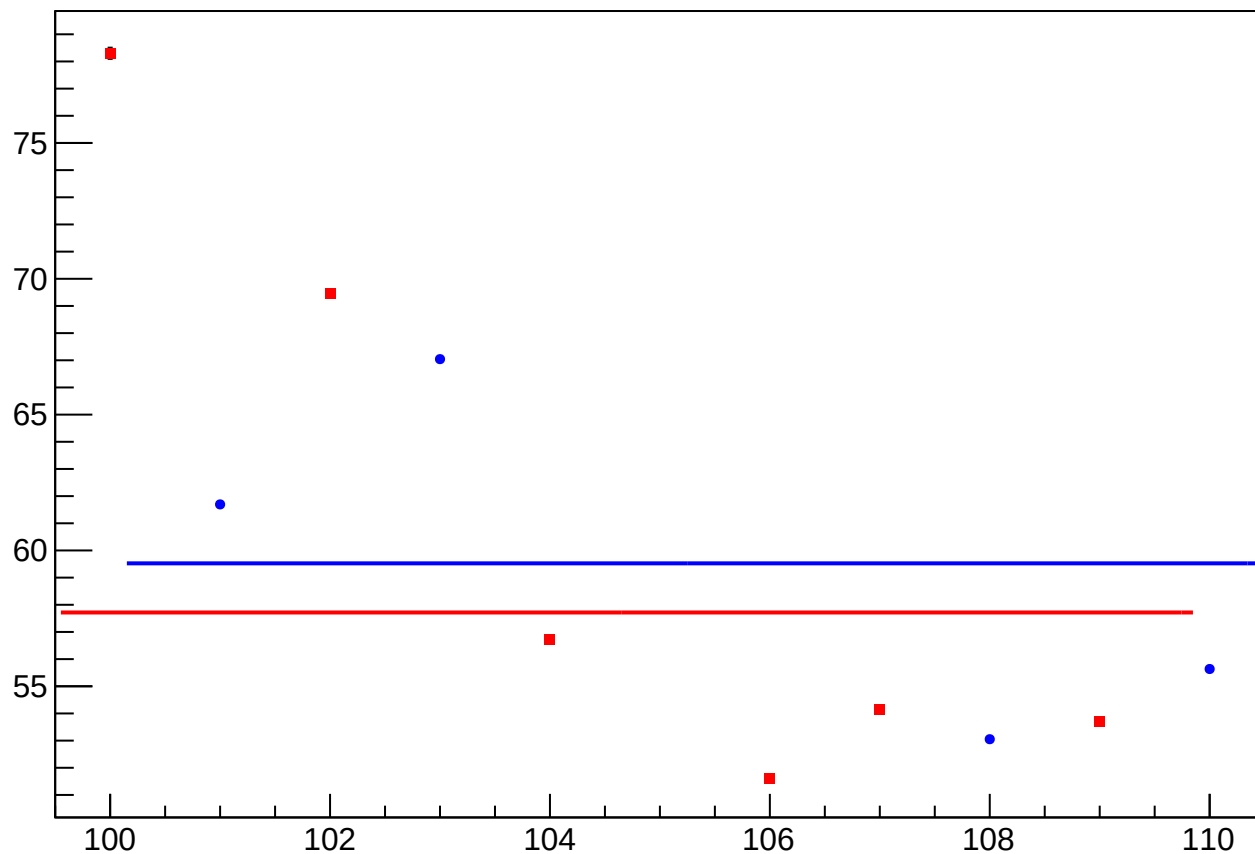
Right: -16.531 $\pm$ 28.467 χ^2 /NDF: 5.7/9

In: 24.532 $\pm$ 42.126 χ^2 /NDF: 2.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.531 $\pm$ 28.467 χ^2 /NDF: 5.7/9

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 59.525+/-0.030 χ^2/NDF : 32075.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.717+/-0.027 χ^2/NDF : 62659.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

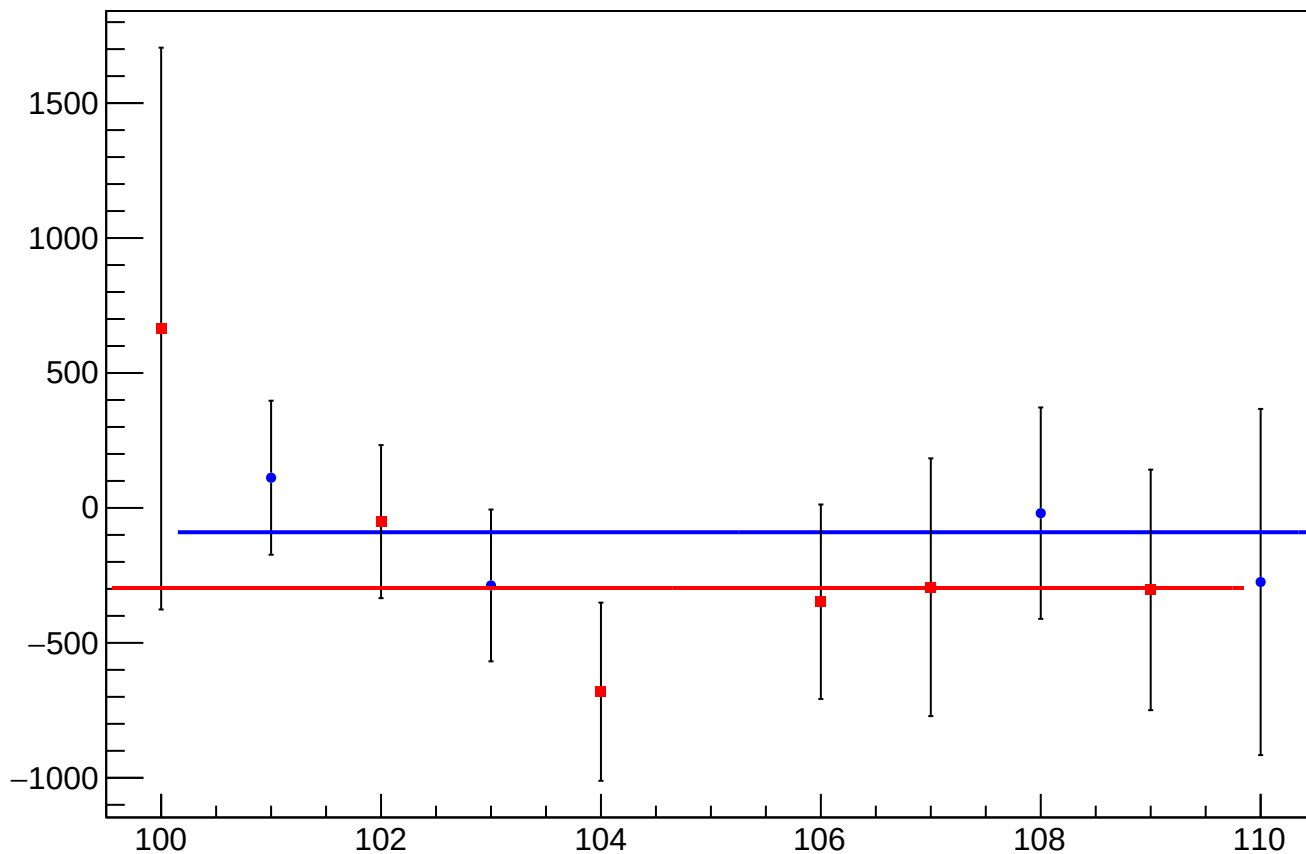
Right: 58.542+/-0.020 χ^2/NDF : 96737.9/9

In: 59.525+/-0.030 χ^2/NDF : 32075.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.542+/-0.020 χ^2/NDF : 96737.9/9

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -90.081 ± 171.793 $\chi^2/\text{NDF}: 1.1/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -296.611 ± 158.798 $\chi^2/\text{NDF}: 3.0/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

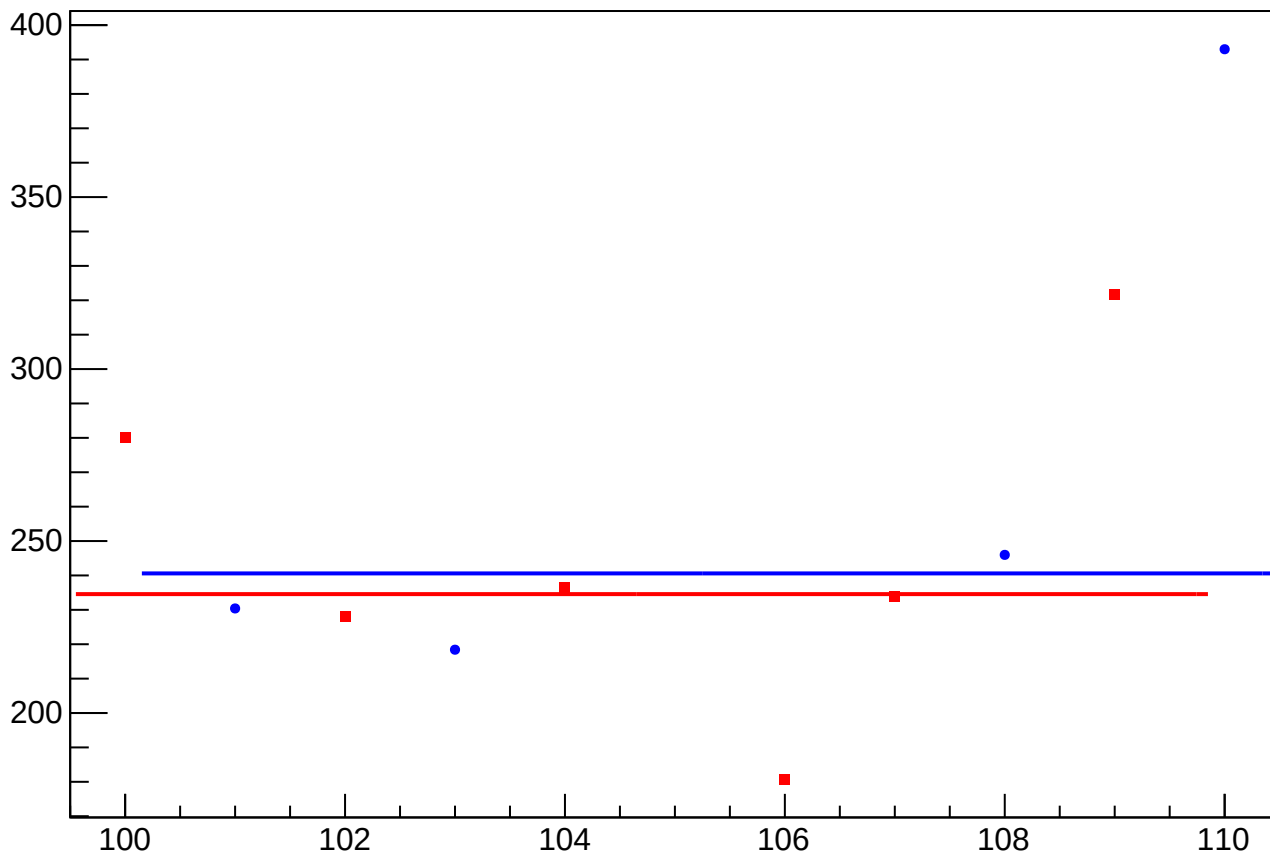
Right: -201.451 ± 116.611 $\chi^2/\text{NDF}: 4.9/9$

In: -90.081 ± 171.793 $\chi^2/\text{NDF}: 1.1/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -201.451 ± 116.611 $\chi^2/\text{NDF}: 4.9/9$

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 240.590+/-0.121 χ^2/NDF : 128315.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 234.571+/-0.112 χ^2/NDF : 126164.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

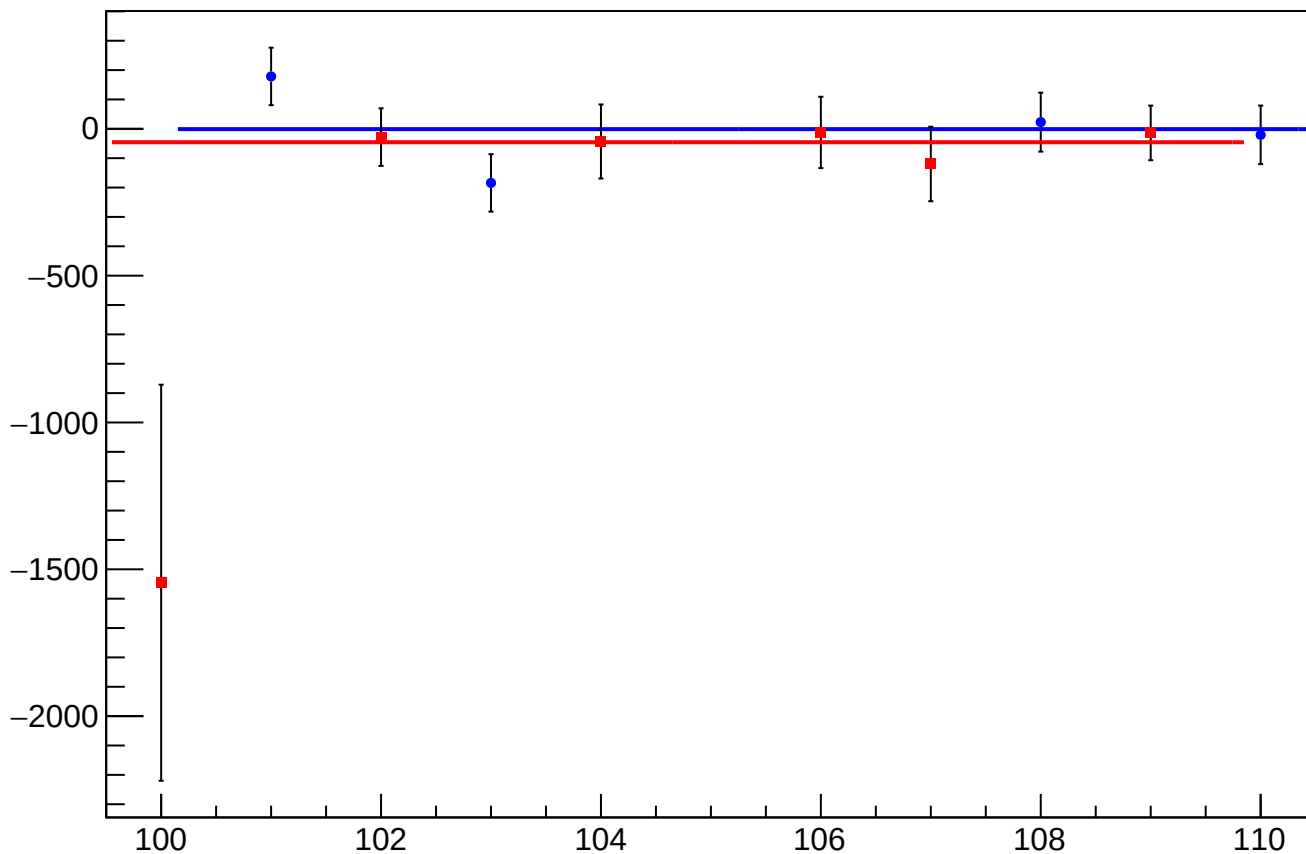
Right: 237.345+/-0.082 χ^2/NDF : 255804.1/9

In: 240.590+/-0.121 χ^2/NDF : 128315.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.345+/-0.082 χ^2/NDF : 255804.1/9

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -1.048+/-49.464 χ^2/NDF : 7.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.647+/-49.106 χ^2/NDF : 5.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

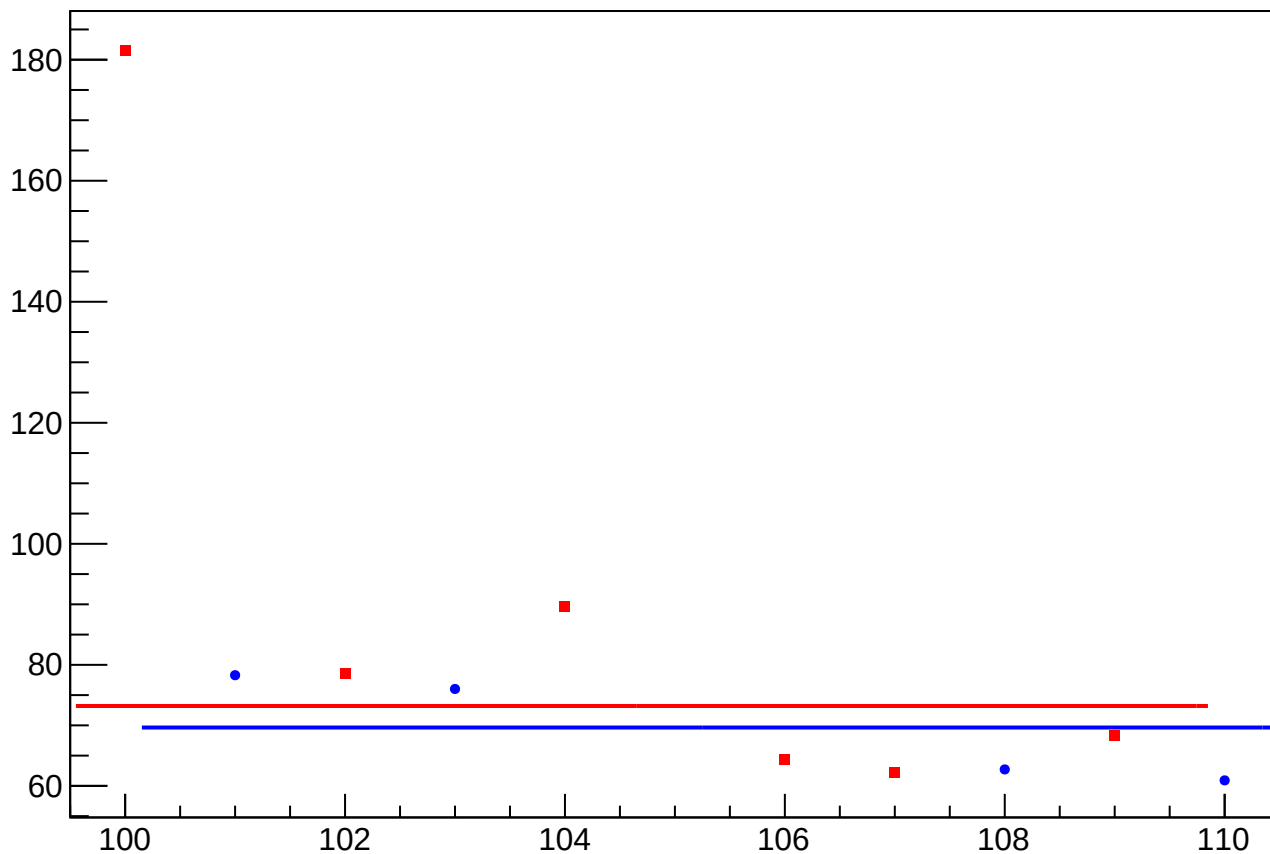
Right: -23.509+/-34.849 χ^2/NDF : 12.9/9

In: -1.048+/-49.464 χ^2/NDF : 7.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.509+/-34.849 χ^2/NDF : 12.9/9

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 69.645 $\pm$ 0.035 χ^2 /NDF: 48952.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.202 $\pm$ 0.035 χ^2 /NDF: 122910.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

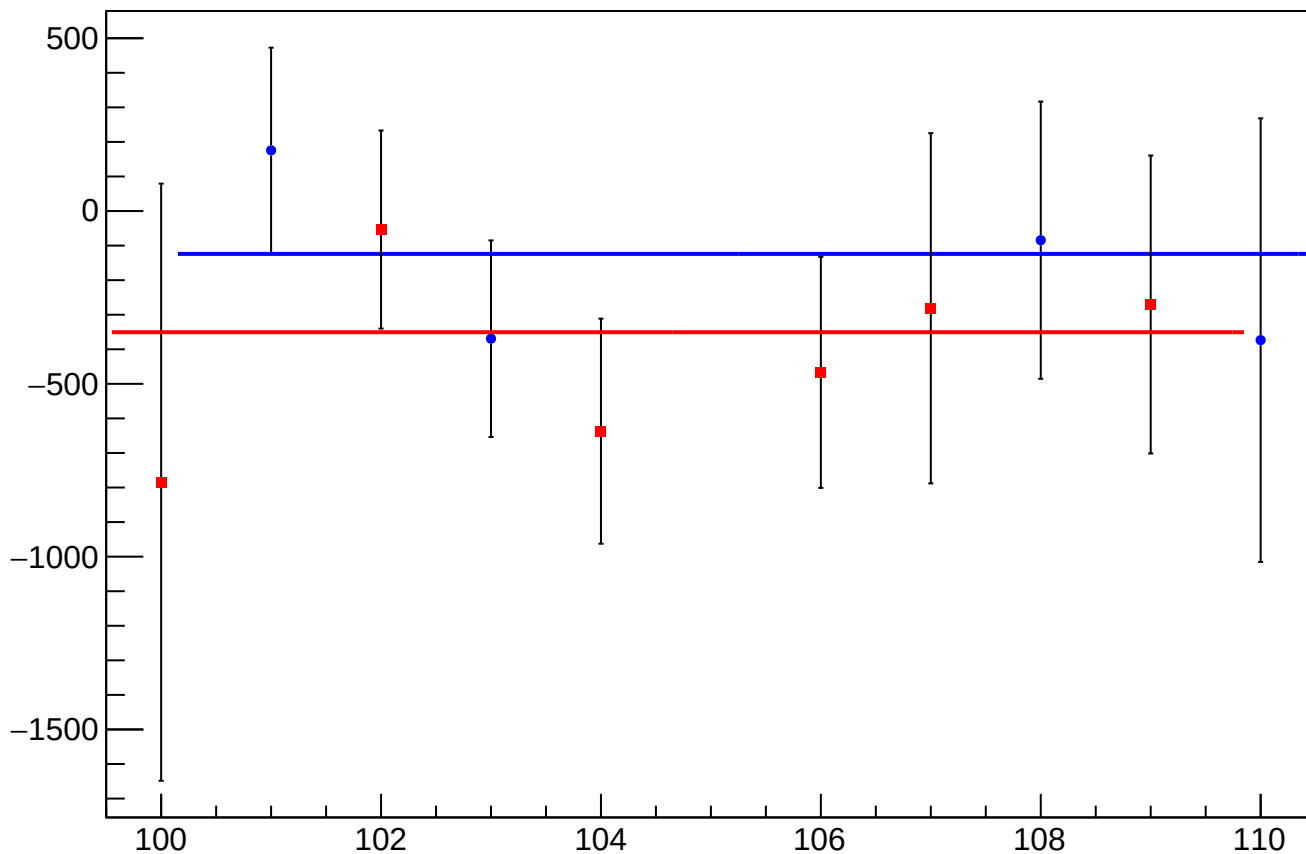
Right: 71.436 $\pm$ 0.025 χ^2 /NDF: 177073.1/9

In: 69.645 $\pm$ 0.035 χ^2 /NDF: 48952.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.436 $\pm$ 0.025 χ^2 /NDF: 177073.1/9

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -123.986 $\pm$ 175.848 χ^2 /NDF: 1.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -350.629 $\pm$ 155.840 χ^2 /NDF: 2.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

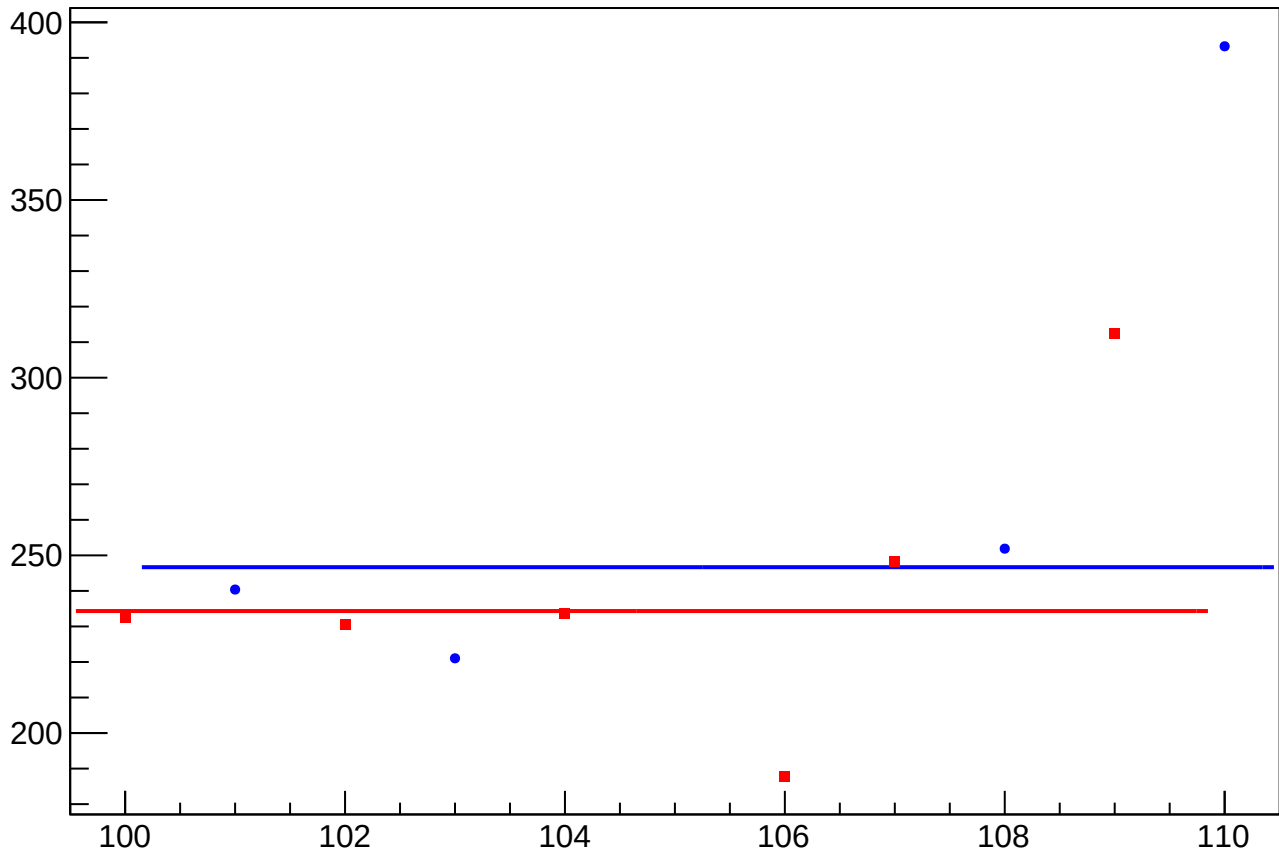
Right: -250.930 $\pm$ 116.631 χ^2 /NDF: 5.1/9

In: -123.986 $\pm$ 175.848 χ^2 /NDF:1.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -250.930 $\pm$ 116.631 χ^2 /NDF: 5.1/9

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 246.674 $\pm$ 0.124 χ^2 /NDF: 121823.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 234.340 $\pm$ 0.110 χ^2 /NDF: 106385.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

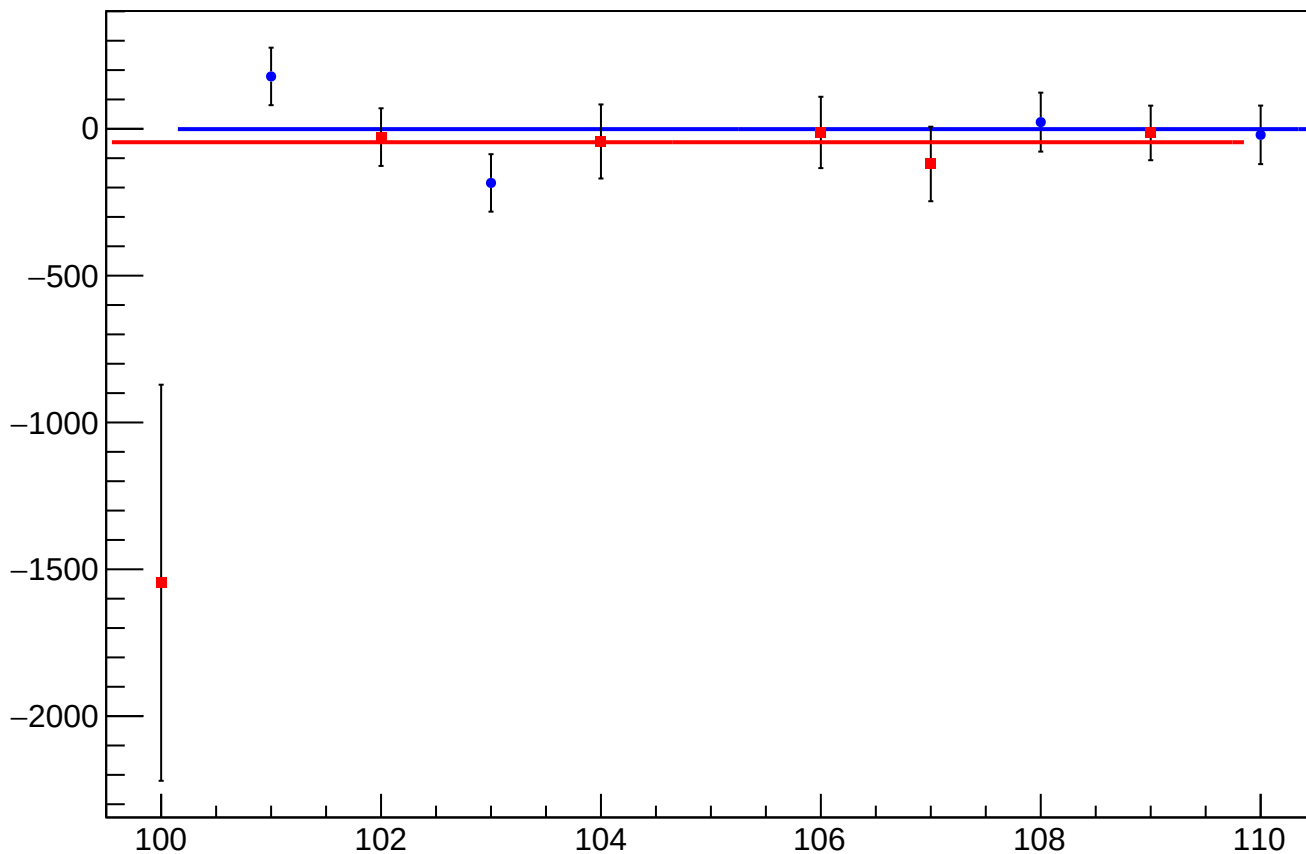
Right: 239.765 $\pm$ 0.082 χ^2 /NDF: 233719.9/9

In: 246.674 $\pm$ 0.124 χ^2 /NDF:121823.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 239.765 $\pm$ 0.082 χ^2 /NDF: 233719.9/9

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -1.047+/-49.464 χ^2/NDF : 7.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.648+/-49.107 χ^2/NDF : 5.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

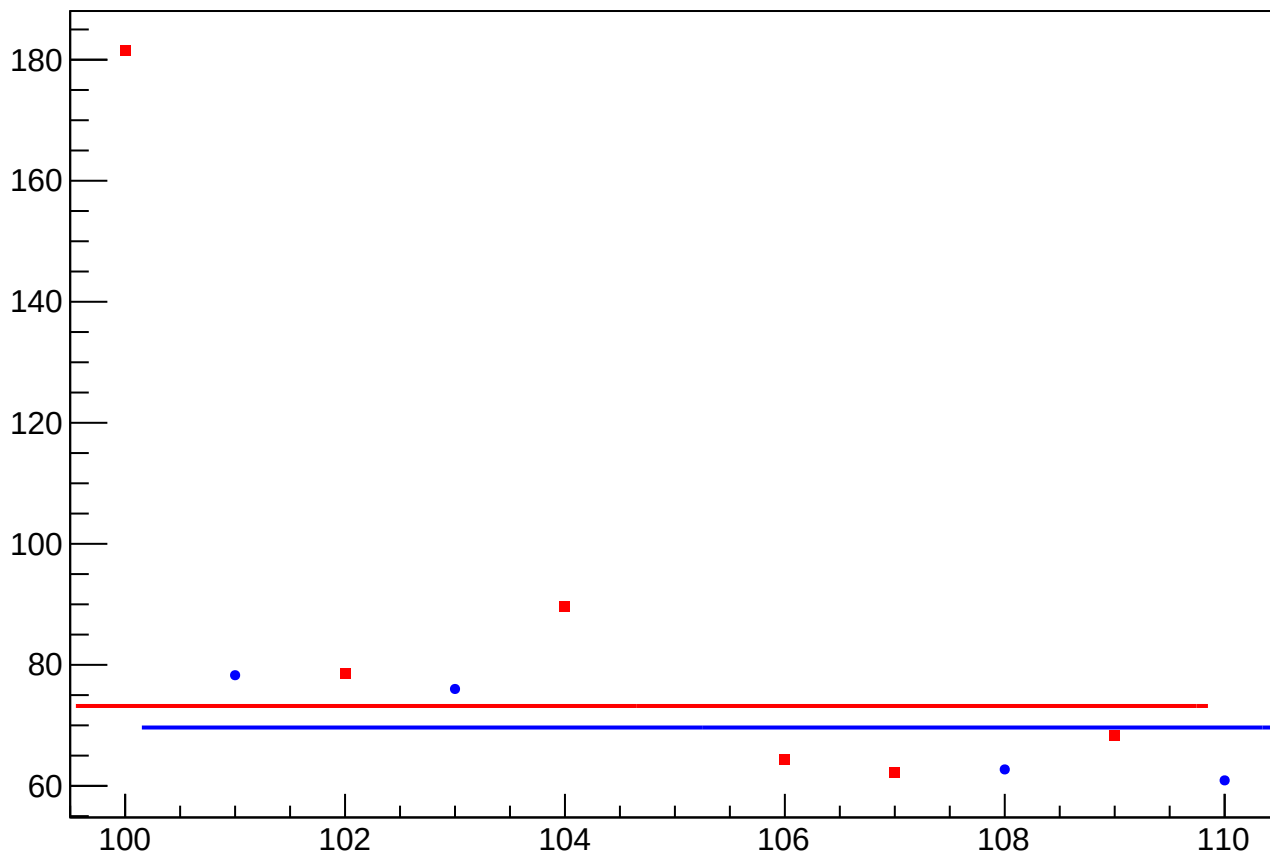
Right: -23.509+/-34.849 χ^2/NDF : 12.9/9

In: -1.047+/-49.464 χ^2/NDF : 7.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.509+/-34.849 χ^2/NDF : 12.9/9

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 69.645+/-0.035 χ^2/NDF : 48954.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.202+/-0.035 χ^2/NDF : 122913.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

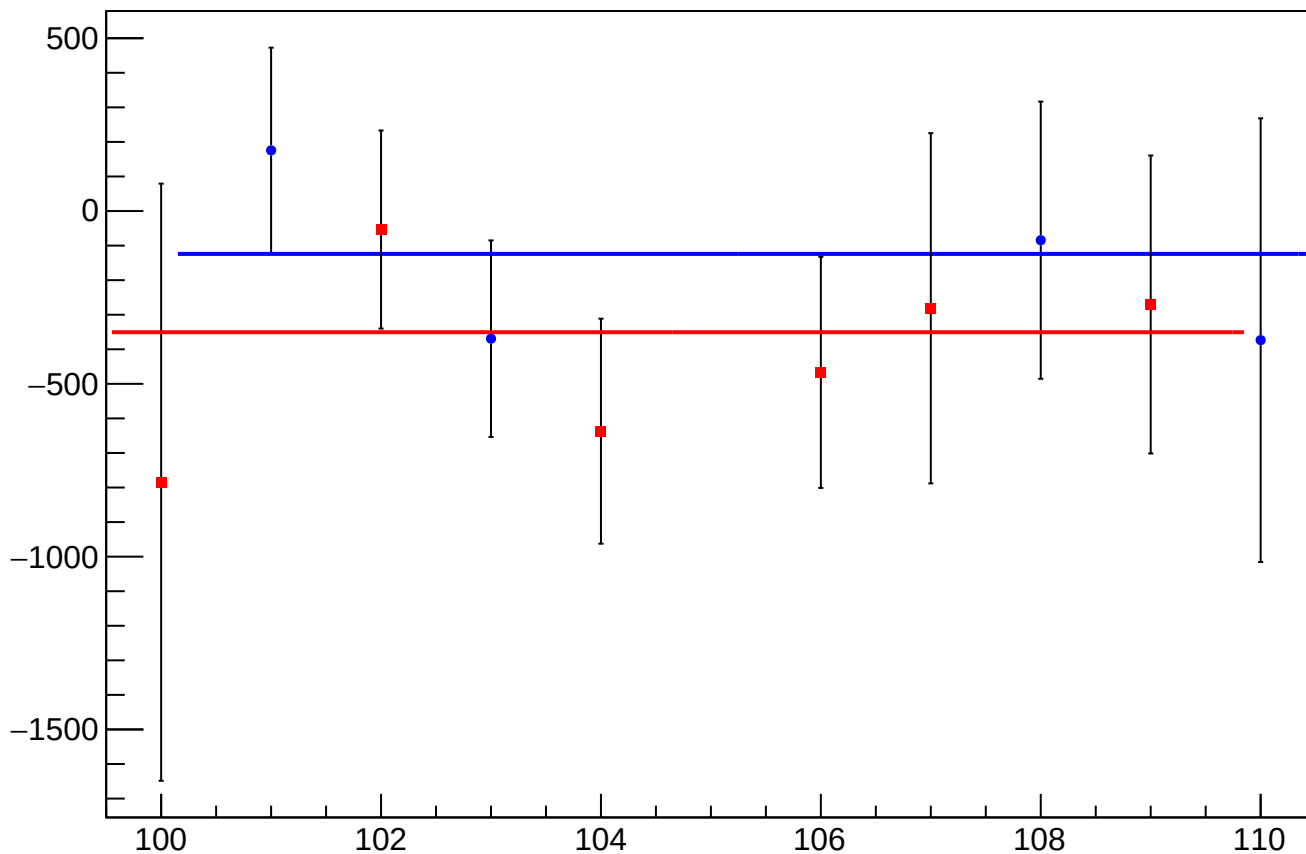
Right: 71.437+/-0.025 χ^2/NDF : 177078.6/9

In: 69.645+/-0.035 χ^2/NDF : 48954.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.437+/-0.025 χ^2/NDF : 177078.6/9

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -123.987 $\pm$ 175.848 χ^2 /NDF: 1.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -350.629 $\pm$ 155.840 χ^2 /NDF: 2.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

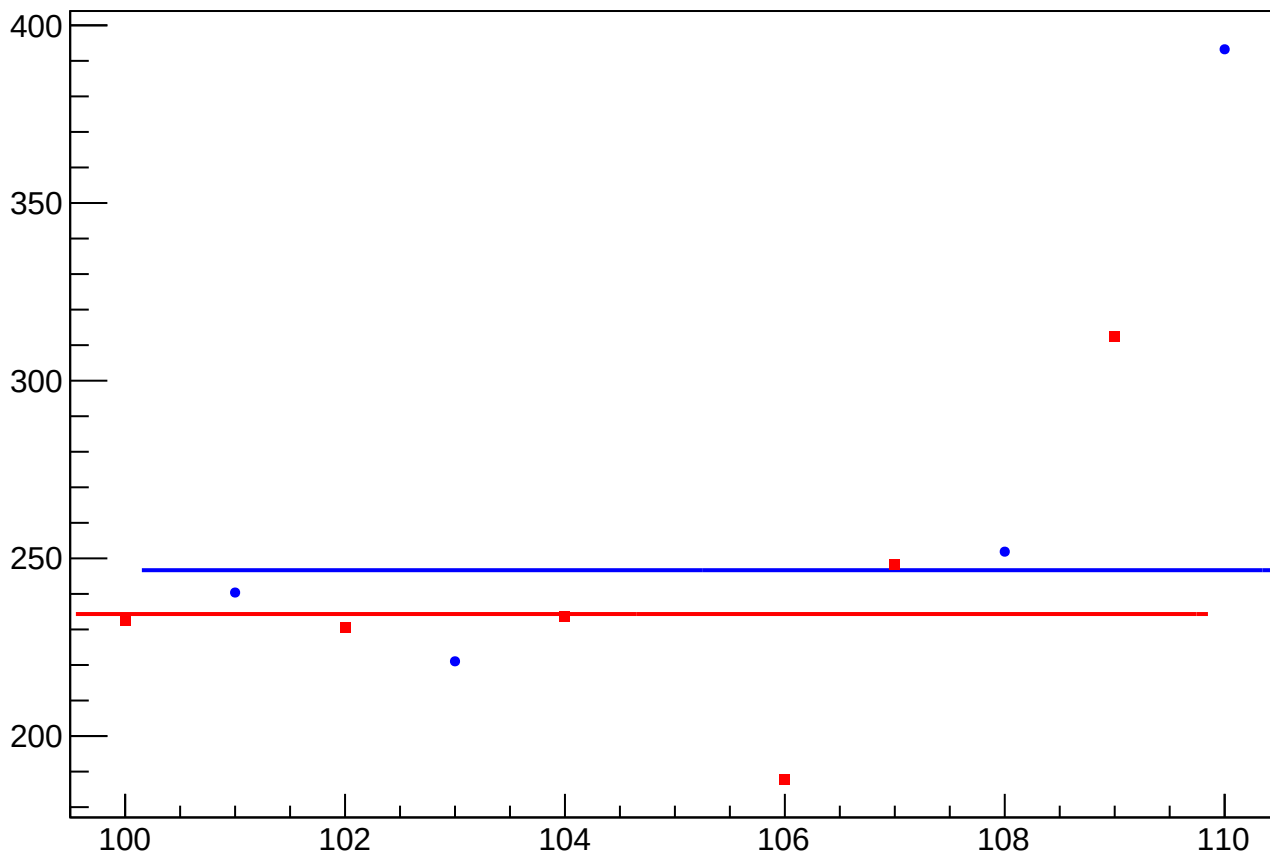
Right: -250.930 $\pm$ 116.631 χ^2 /NDF: 5.1/9

In: -123.987 $\pm$ 175.848 χ^2 /NDF:1.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -250.930 $\pm$ 116.631 χ^2 /NDF: 5.1/9

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 246.674 $\pm$ 0.124 χ^2 /NDF: 121822.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 234.340 $\pm$ 0.110 χ^2 /NDF: 106383.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

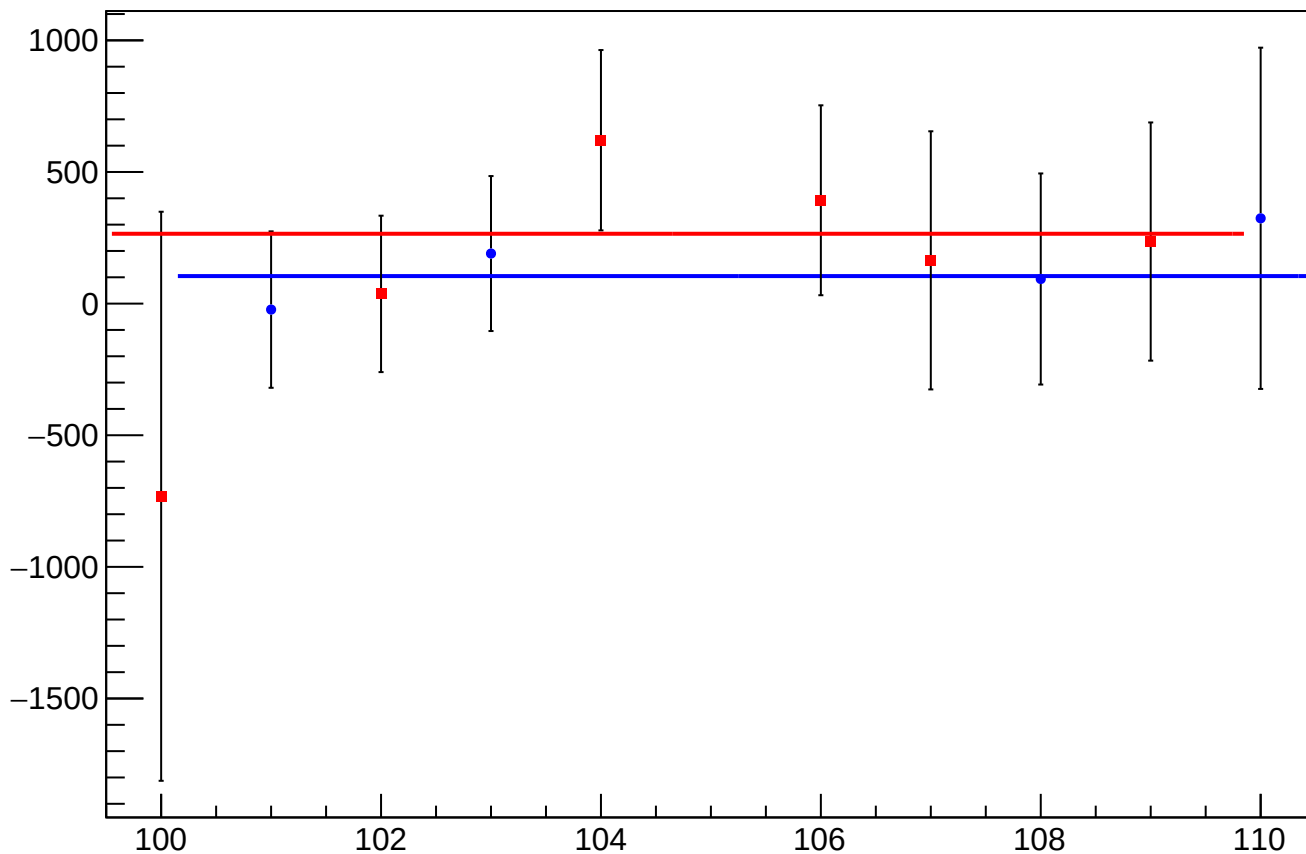
Right: 239.766 $\pm$ 0.082 χ^2 /NDF: 233717.5/9

In: 246.674 $\pm$ 0.124 χ^2 /NDF:121822.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 239.766 $\pm$ 0.082 χ^2 /NDF: 233717.5/9

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 104.571 $\pm$ 178.250 χ^2 /NDF: 0.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 265.331 $\pm$ 163.422 χ^2 /NDF: 2.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

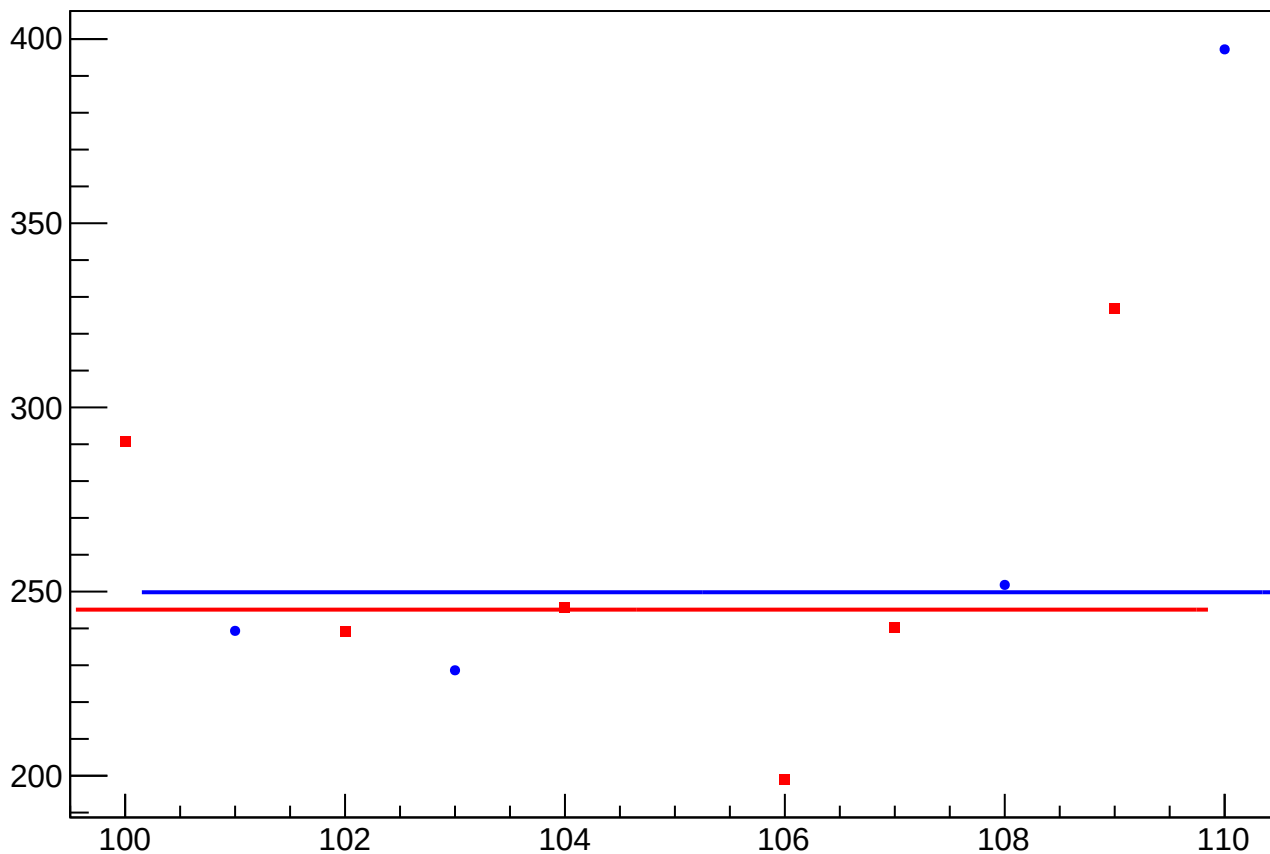
Right: 191.915 $\pm$ 120.458 χ^2 /NDF: 3.5/9

In: 104.571 $\pm$ 178.250 χ^2 /NDF:0.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 191.915 $\pm$ 120.458 χ^2 /NDF: 3.5/9

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 249.818+/-0.126 χ^2/NDF : 116327.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 245.099+/-0.116 χ^2/NDF : 102801.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

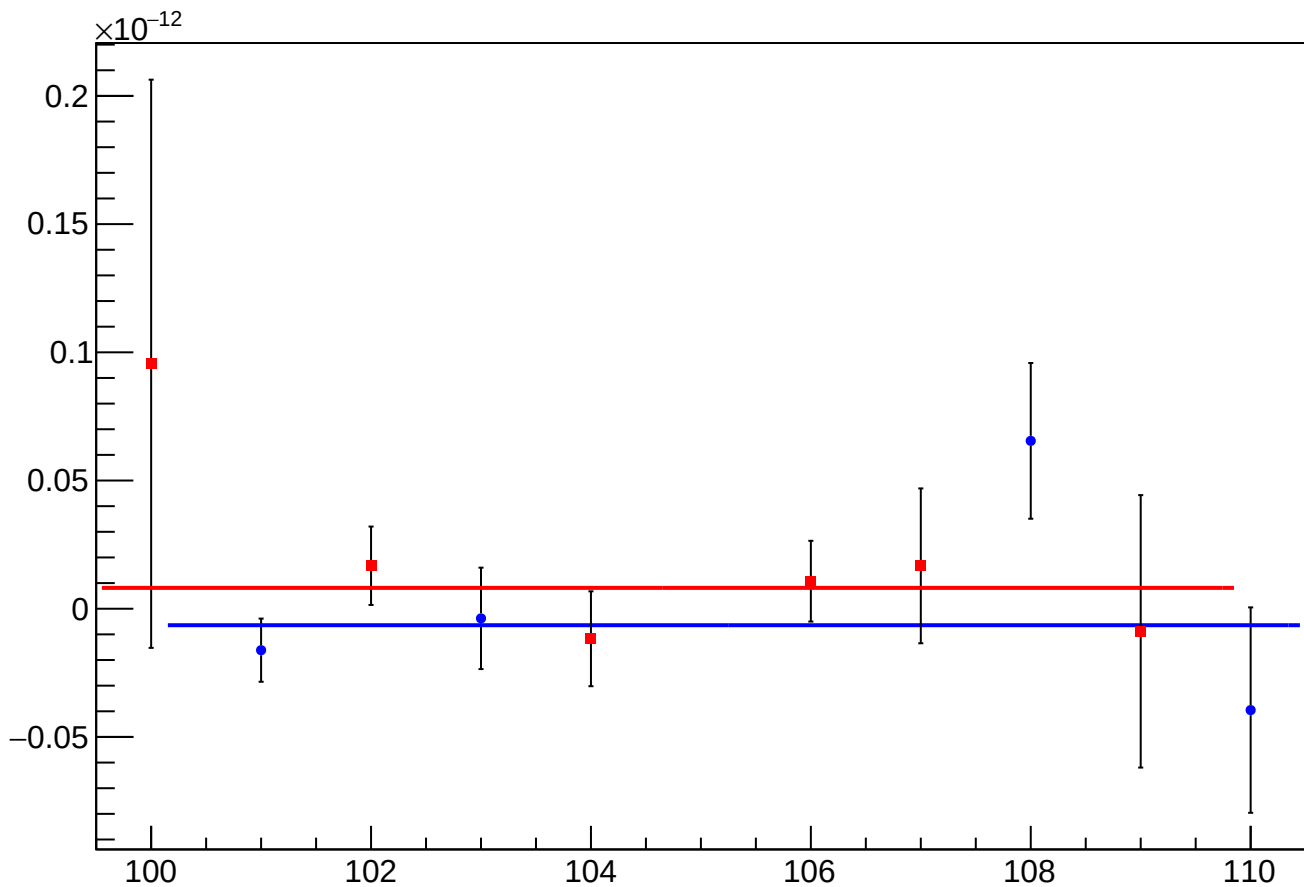
Right: 247.254+/-0.085 χ^2/NDF : 219891.1/9

In: 249.818+/-0.126 χ^2/NDF : 116327.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.254+/-0.085 χ^2/NDF : 219891.1/9

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

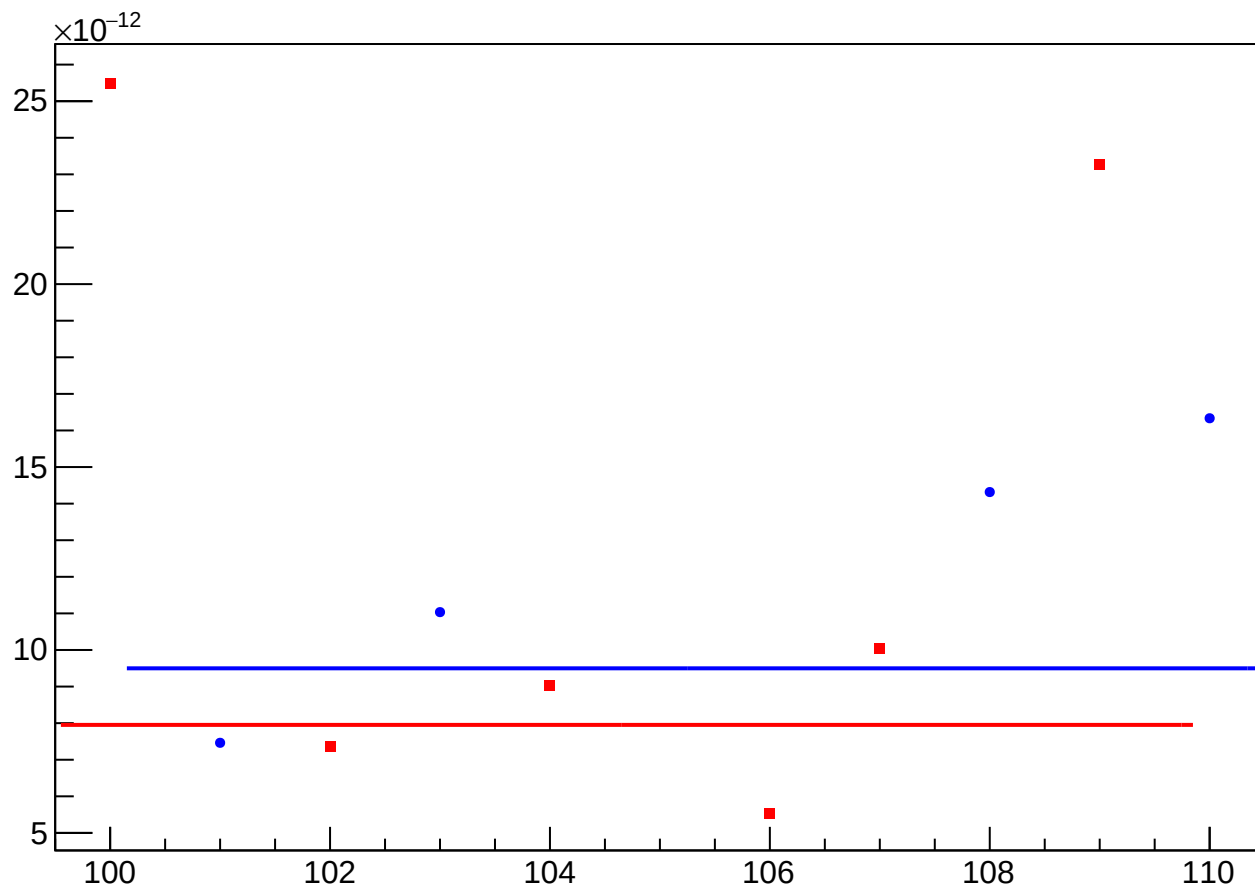
Right: 0.000+/-0.000 χ^2/NDF : 10.5/9

In: -0.000+/-0.000 χ^2/NDF : 6.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.5/9

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 175235.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 282467.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

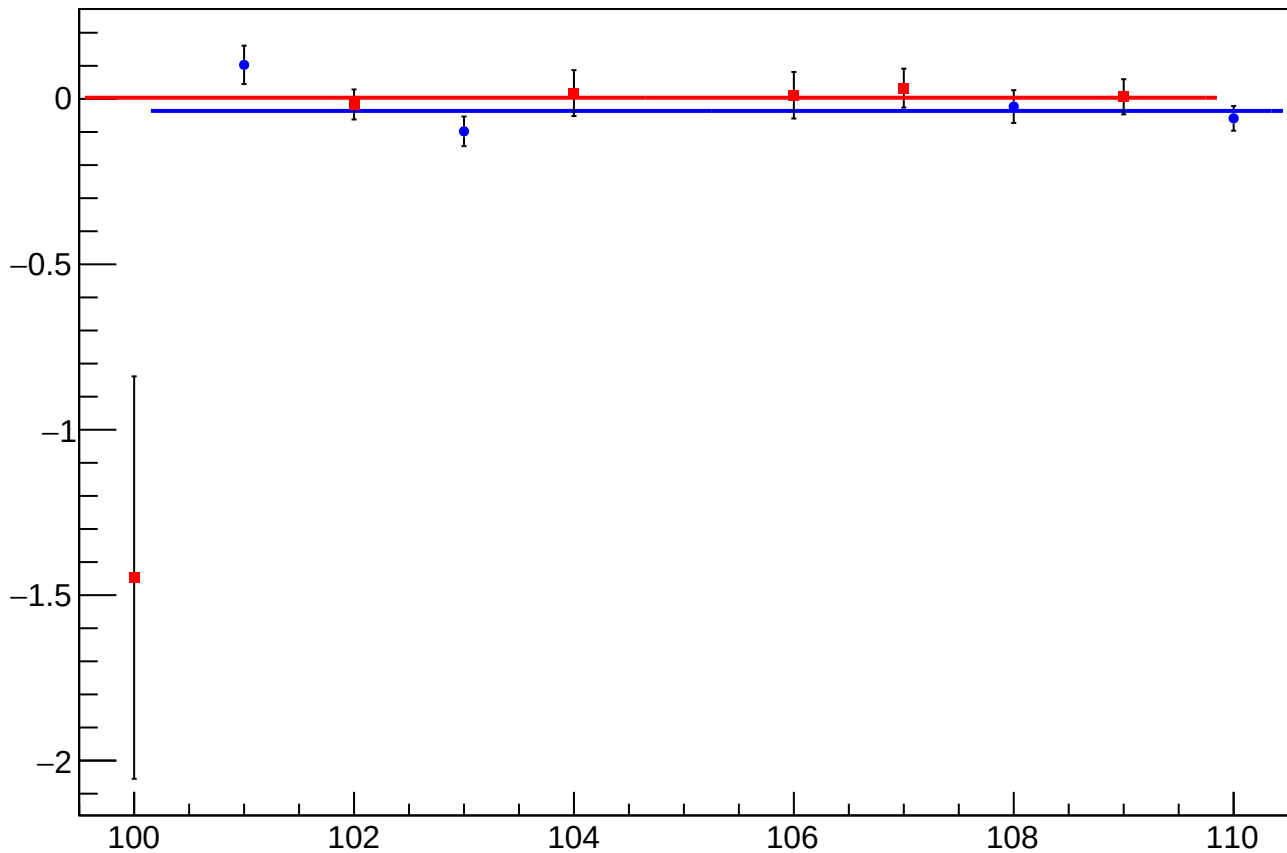
Right: 0.000+/-0.000 χ^2/NDF : 485748.4/9

In: 0.000+/-0.000 χ^2/NDF : 175235.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 485748.4/9

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 $\pm$ 0.023 χ^2 /NDF: 8.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.025 χ^2 /NDF: 6.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

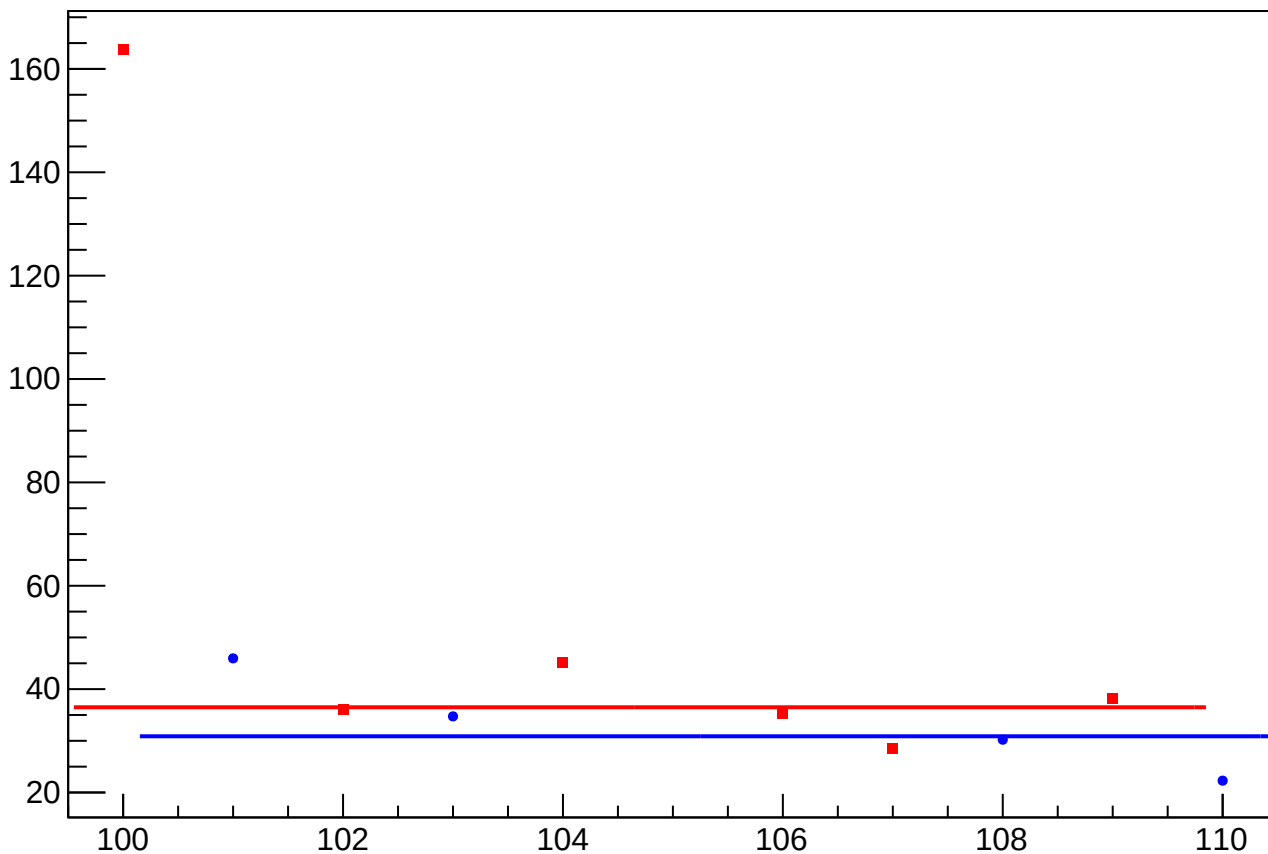
Right: -0.018 $\pm$ 0.017 χ^2 /NDF: 15.6/9

In: -0.036 $\pm$ 0.023 χ^2 /NDF:8.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.017 χ^2 /NDF: 15.6/9

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.877+/-0.016 χ^2/NDF : 256032.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.487+/-0.018 χ^2/NDF : 158499.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

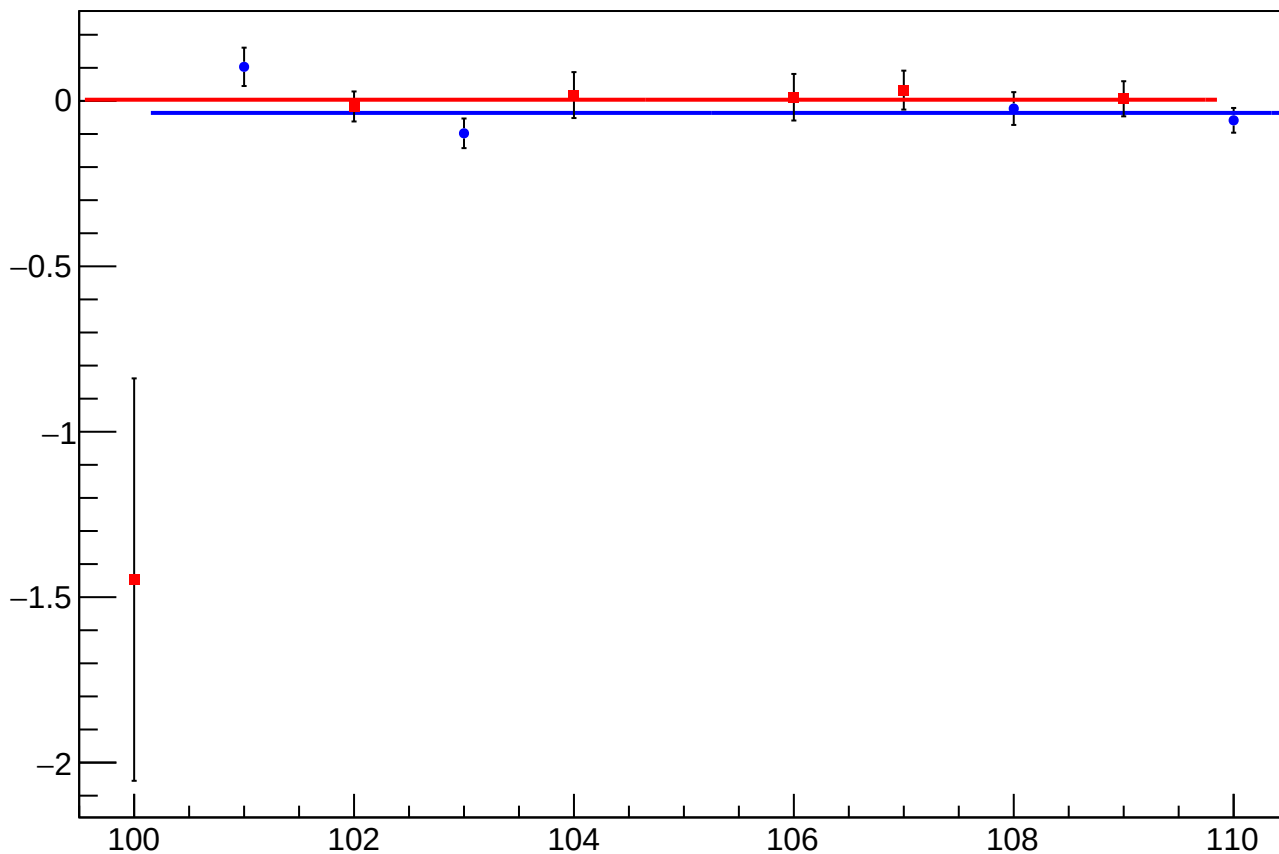
Right: 33.376+/-0.012 χ^2/NDF : 468356.0/9

In: 30.877+/-0.016 χ^2/NDF : 256032.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.376+/-0.012 χ^2/NDF : 468356.0/9

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036+/-0.023 χ^2/NDF : 8.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.025 χ^2/NDF : 6.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

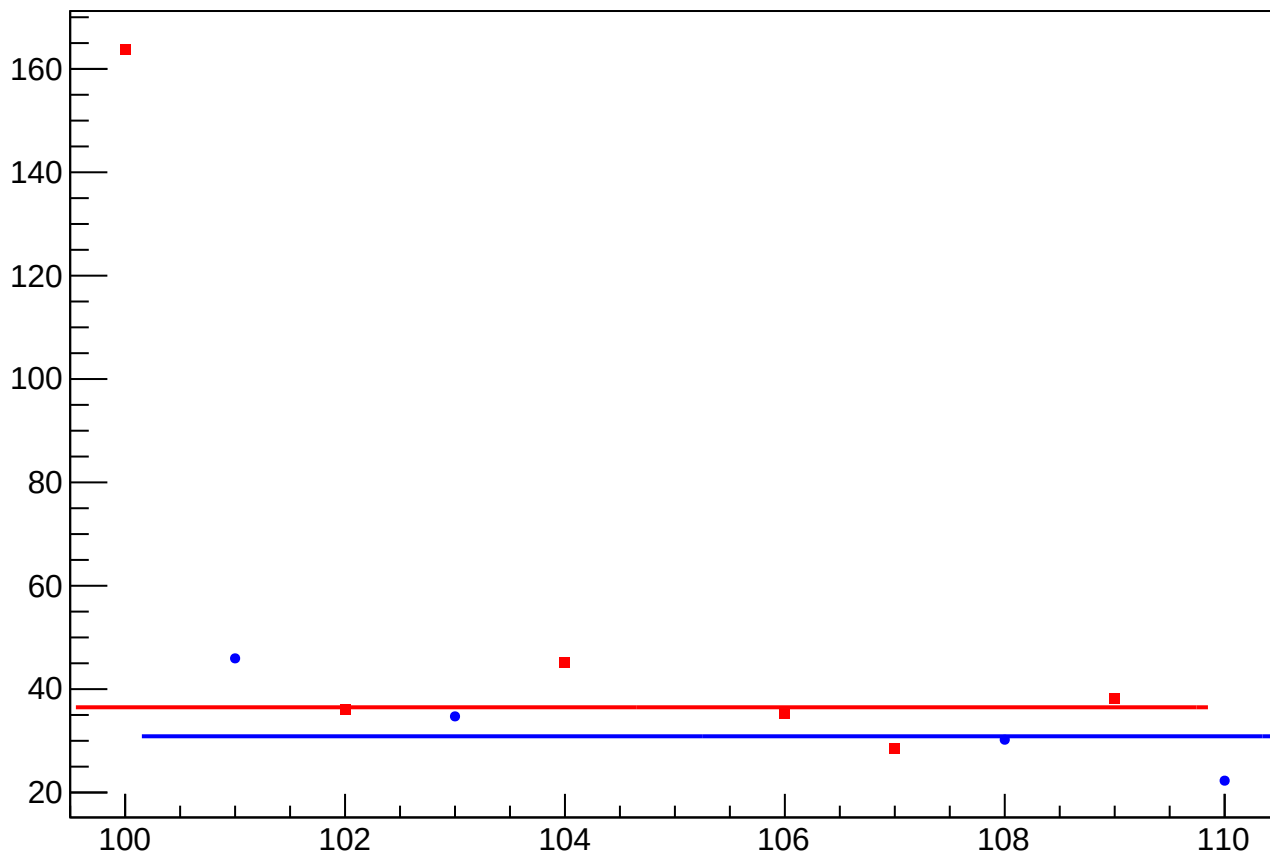
Right: -0.018+/-0.017 χ^2/NDF : 15.6/9

In: -0.036+/-0.023 χ^2/NDF : 8.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.017 χ^2/NDF : 15.6/9

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.877+/-0.016 χ^2/NDF : 256032.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.487+/-0.018 χ^2/NDF : 158499.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

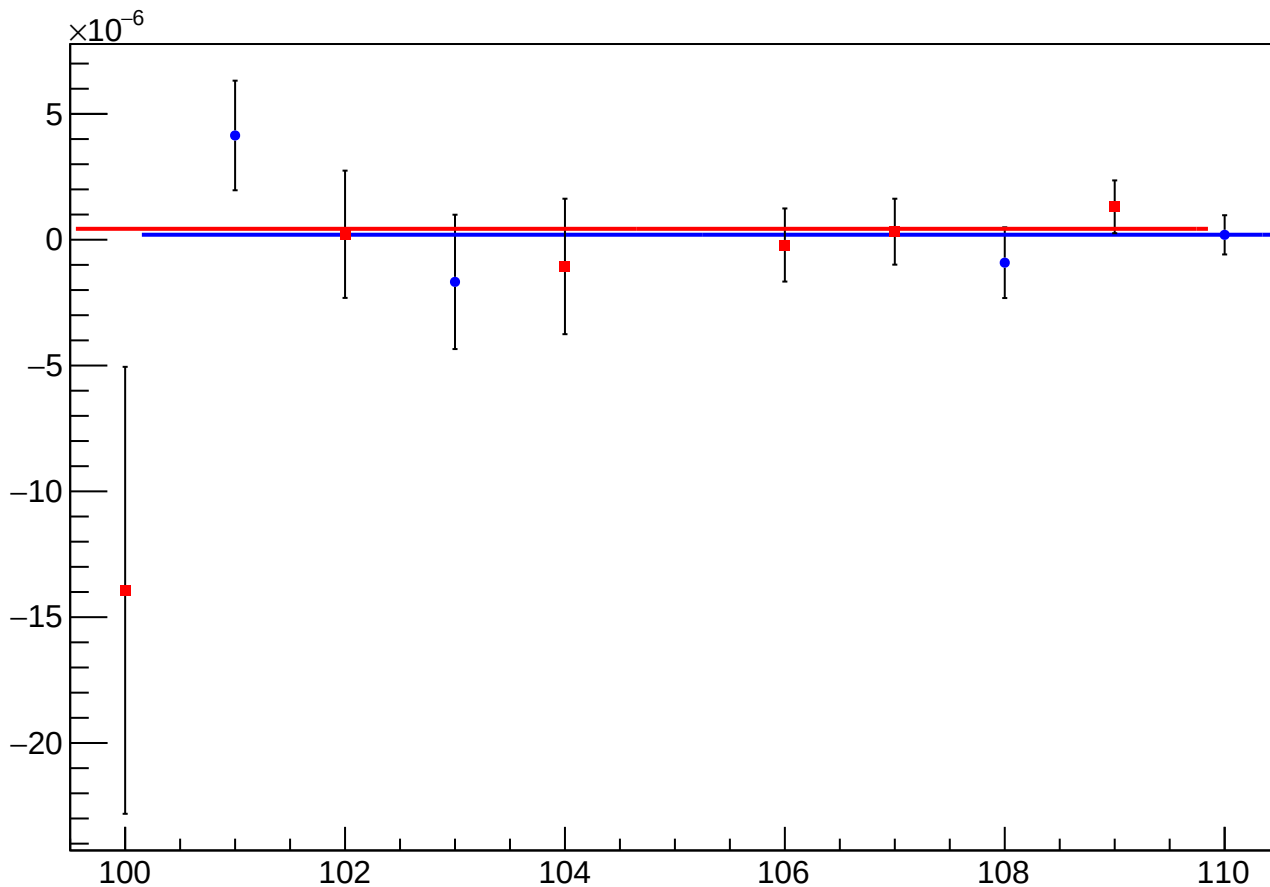
Right: 33.376+/-0.012 χ^2/NDF : 468356.0/9

In: 30.877+/-0.016 χ^2/NDF : 256032.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.376+/-0.012 χ^2/NDF : 468356.0/9

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

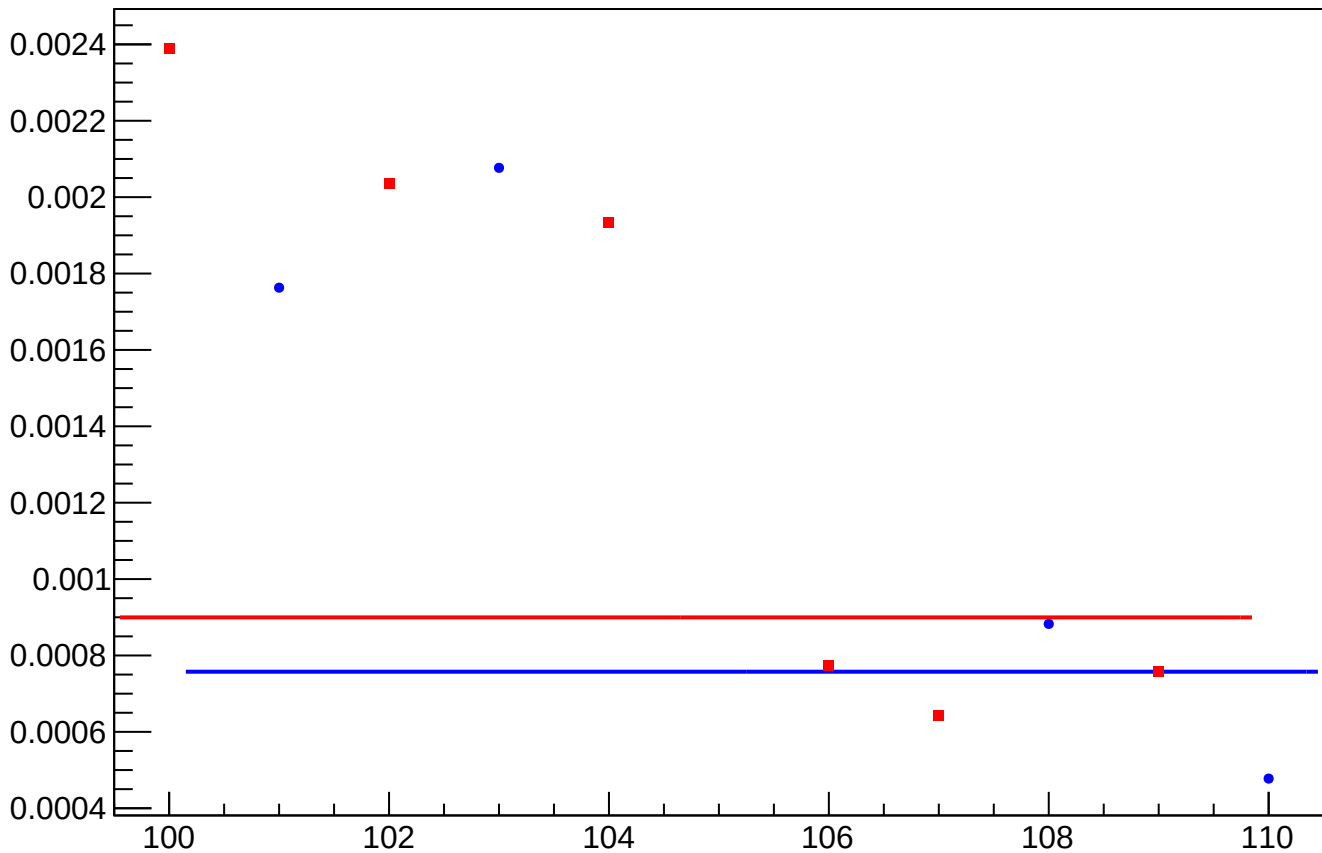
Right: 0.000+/-0.000 χ^2/NDF : 8.3/9

In: 0.000+/-0.000 χ^2/NDF : 4.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.3/9

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1188426.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 884606.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

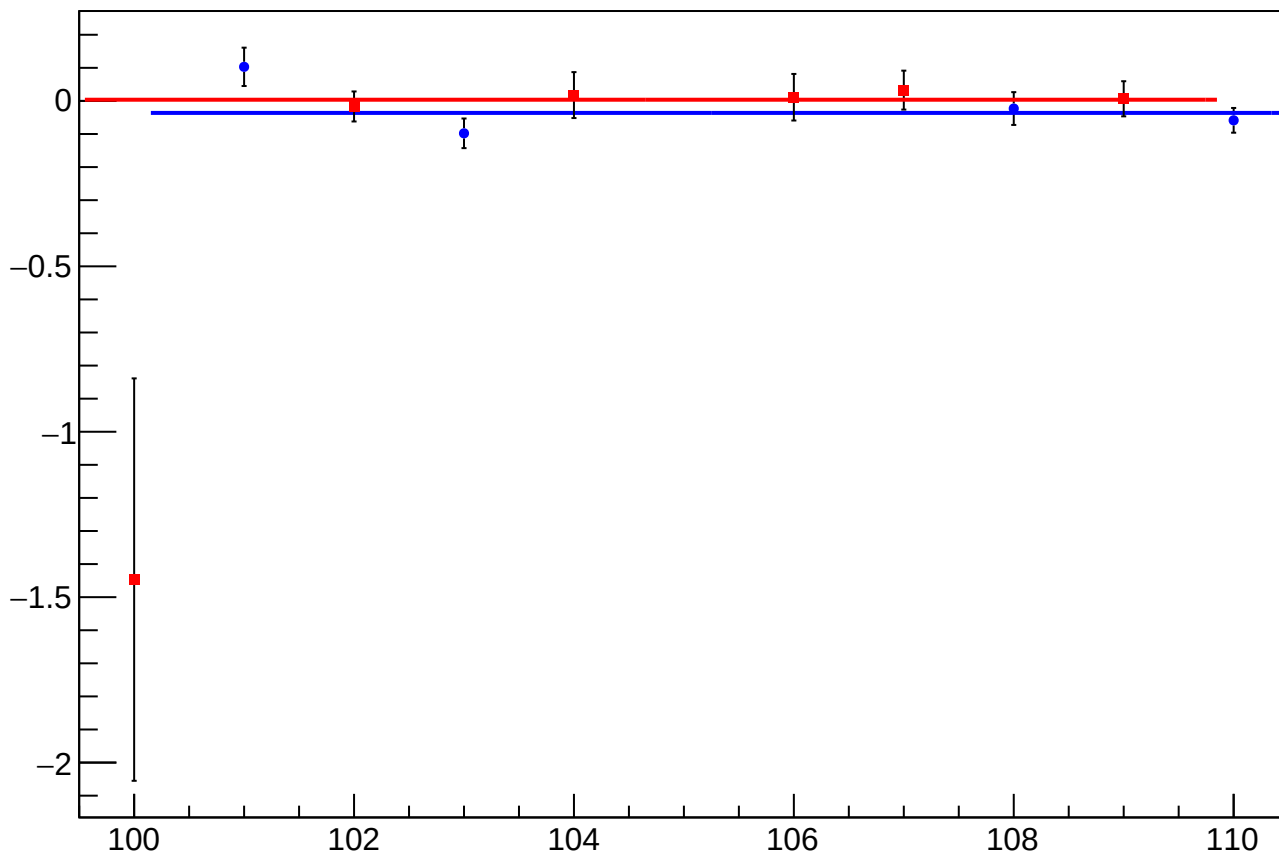
Right: 0.001+/-0.000 χ^2/NDF : 2121175.4/9

In: 0.001+/-0.000 χ^2/NDF : 1188426.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2121175.4/9

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 $\pm$ 0.023 χ^2 /NDF: 8.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.025 χ^2 /NDF: 6.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

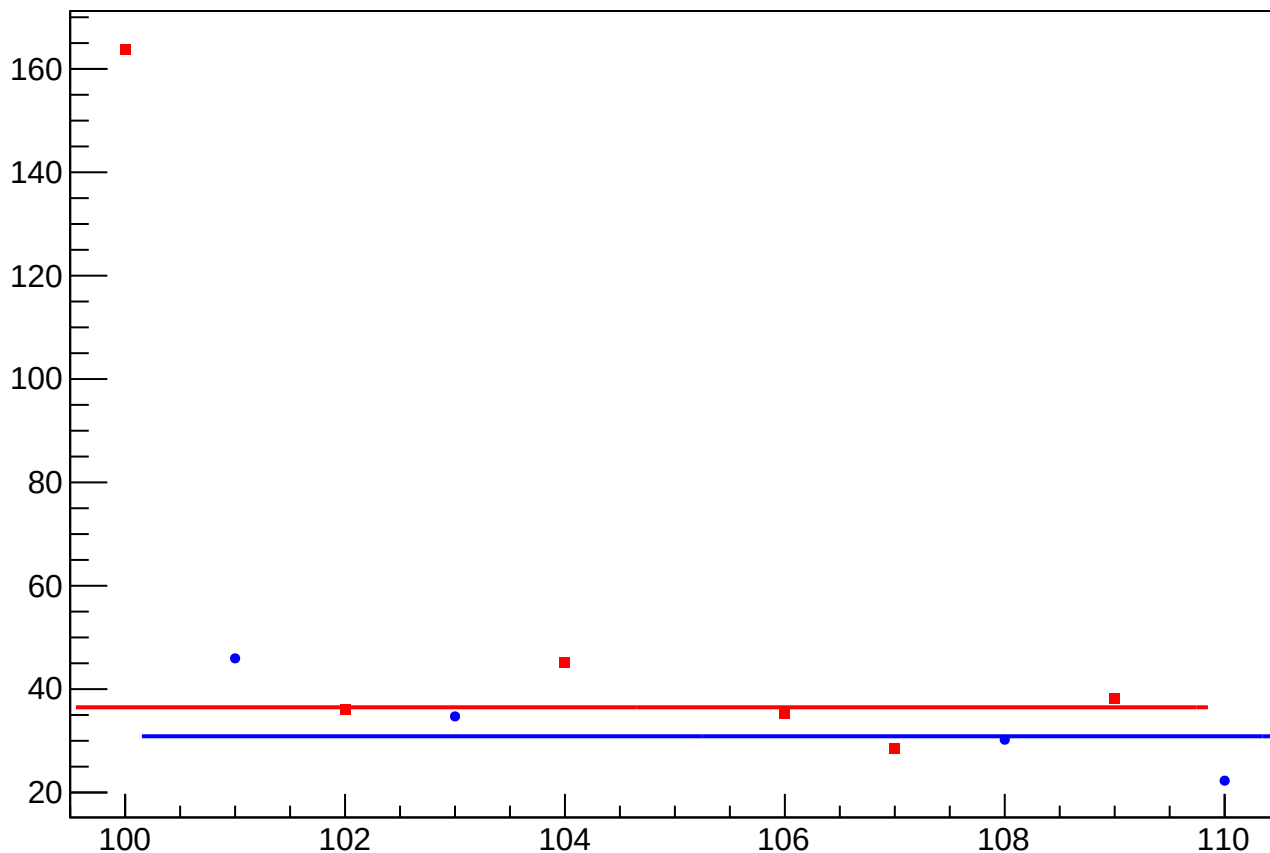
Right: -0.018 $\pm$ 0.017 χ^2 /NDF: 15.6/9

In: -0.036 $\pm$ 0.023 χ^2 /NDF:8.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.017 χ^2 /NDF: 15.6/9

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.877+/-0.016 χ^2/NDF : 256046.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.488+/-0.018 χ^2/NDF : 158505.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

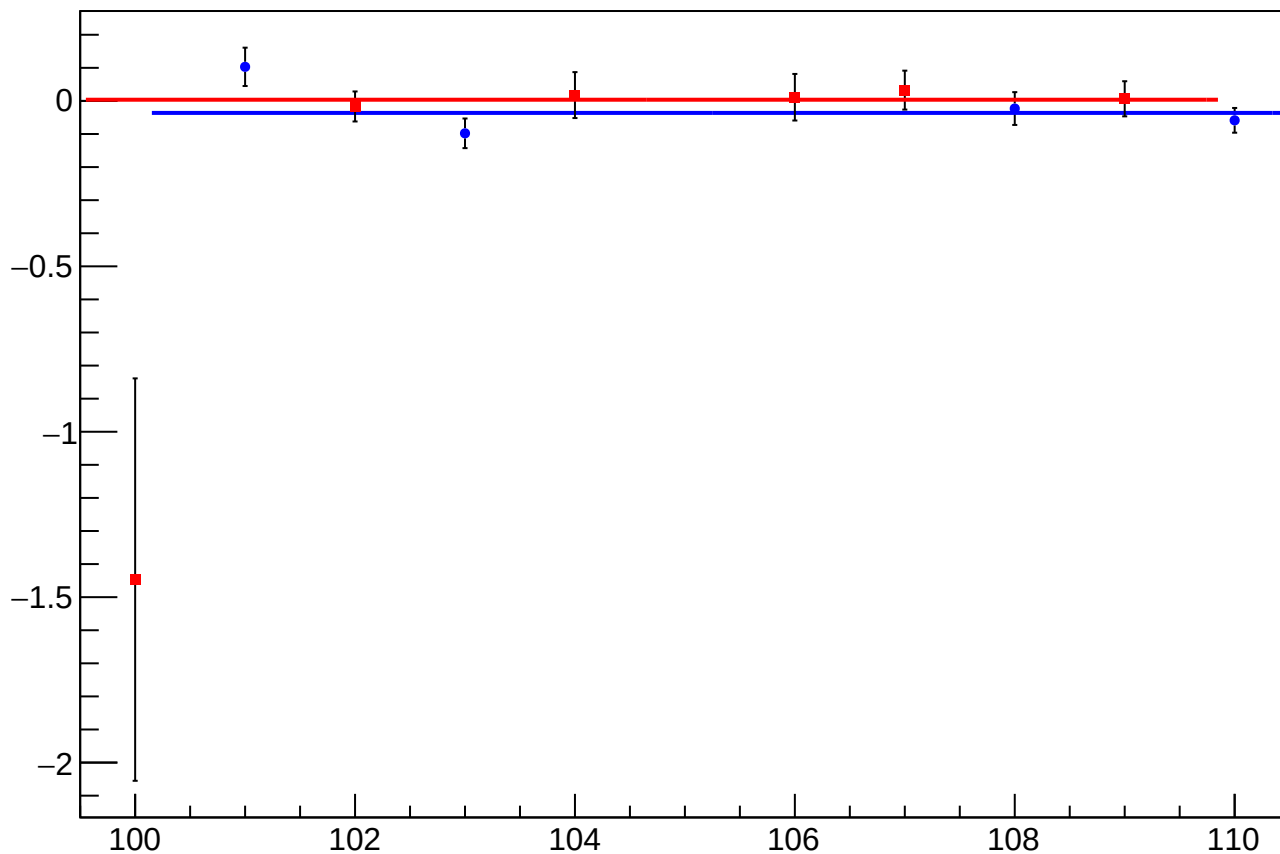
Right: 33.377+/-0.012 χ^2/NDF : 468379.2/9

In: 30.877+/-0.016 χ^2/NDF : 256046.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.377+/-0.012 χ^2/NDF : 468379.2/9

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036+/-0.023 χ^2/NDF : 8.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.025 χ^2/NDF : 6.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

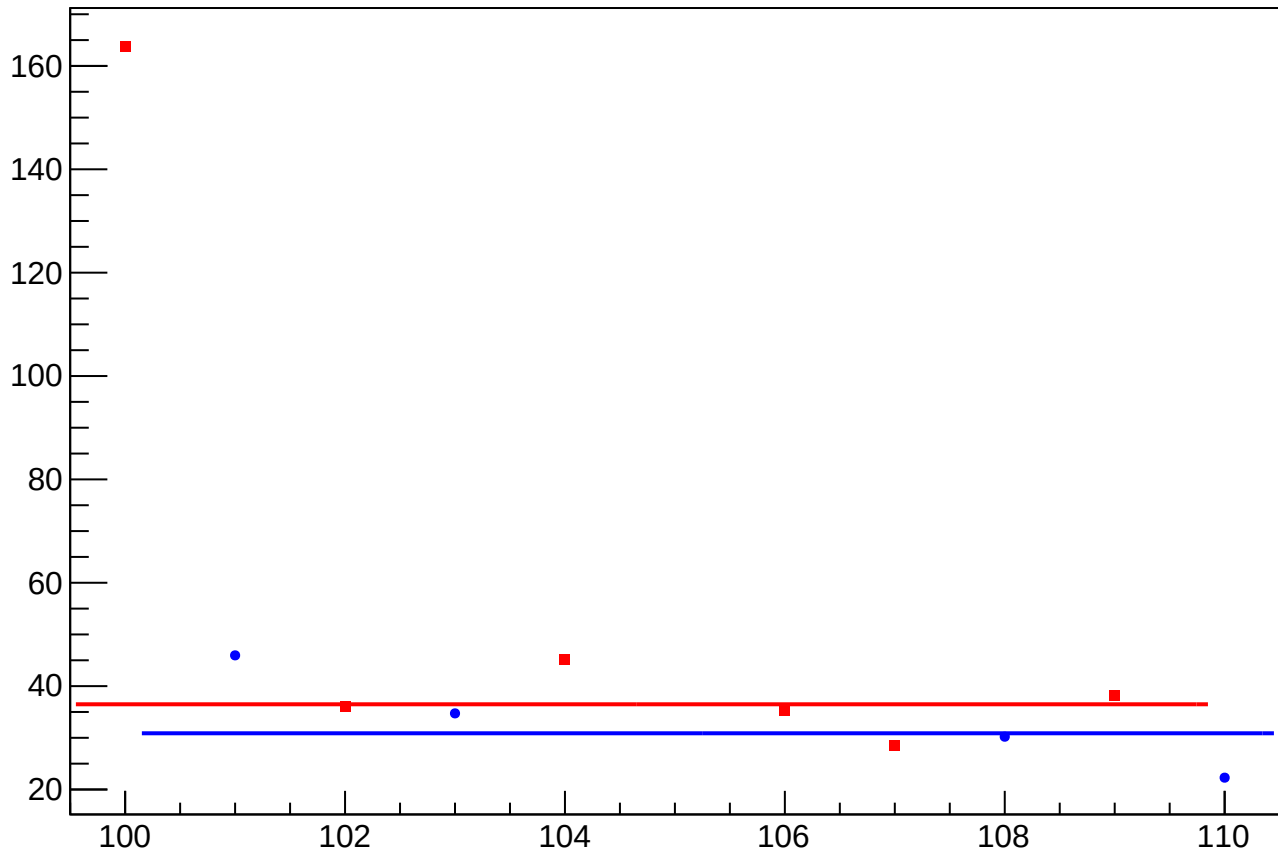
Right: -0.018+/-0.017 χ^2/NDF : 15.6/9

In: -0.036+/-0.023 χ^2/NDF : 8.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.017 χ^2/NDF : 15.6/9

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.877+/-0.016 χ^2/NDF : 256046.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.488+/-0.018 χ^2/NDF : 158505.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

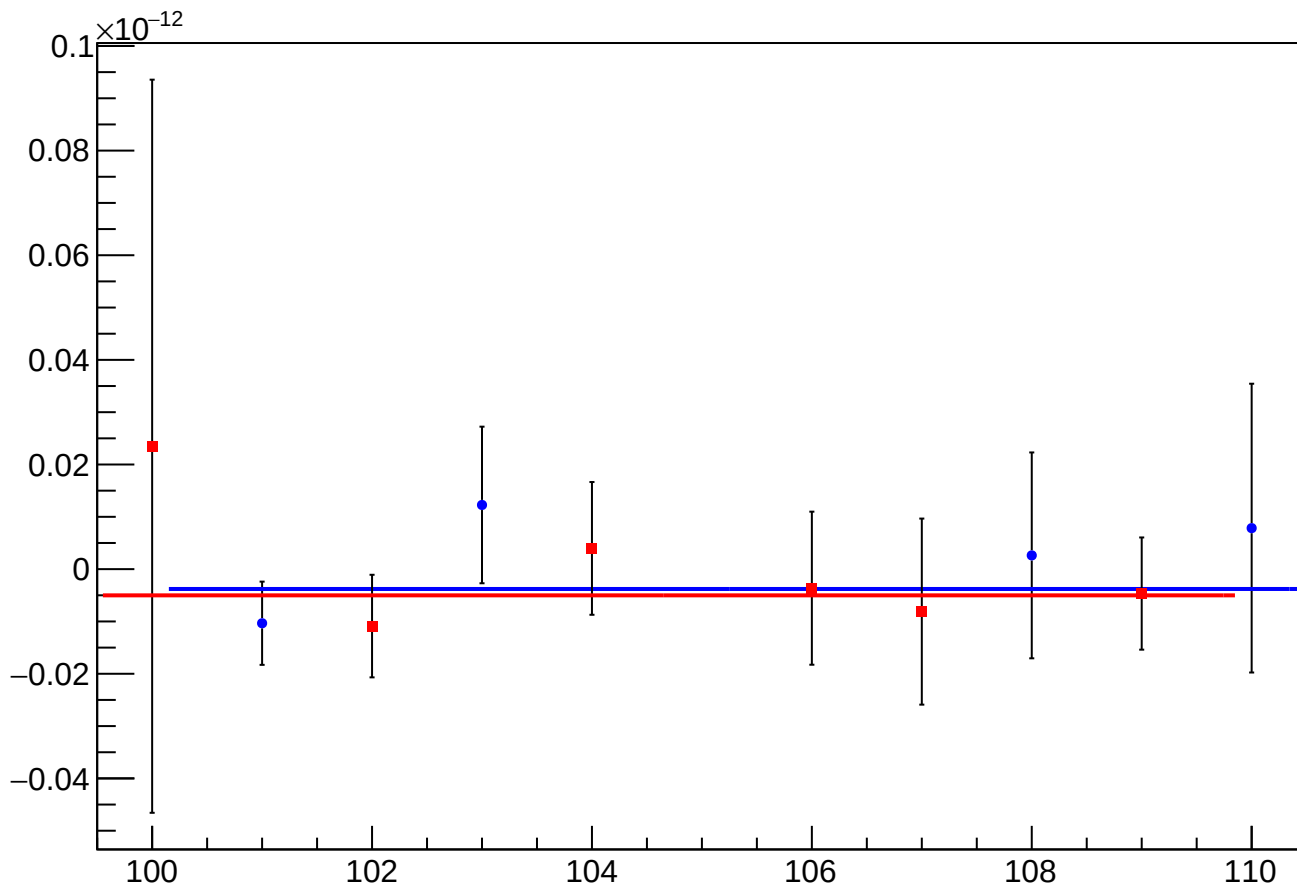
Right: 33.377+/-0.012 χ^2/NDF : 468379.2/9

In: 30.877+/-0.016 χ^2/NDF : 256046.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.377+/-0.012 χ^2/NDF : 468379.2/9

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

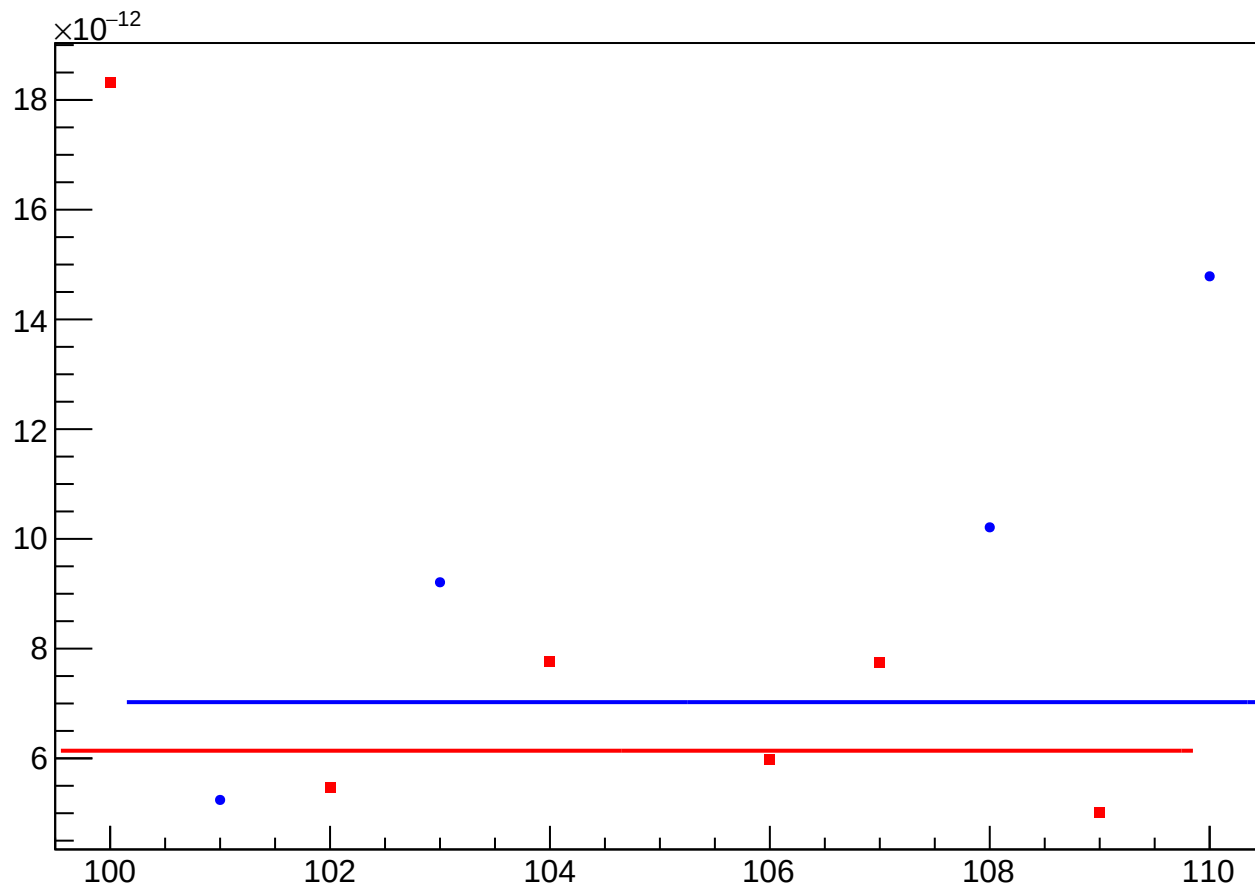
Right: -0.000+/-0.000 χ^2/NDF : 3.2/9

In: -0.000+/-0.000 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.2/9

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 353626.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 141168.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

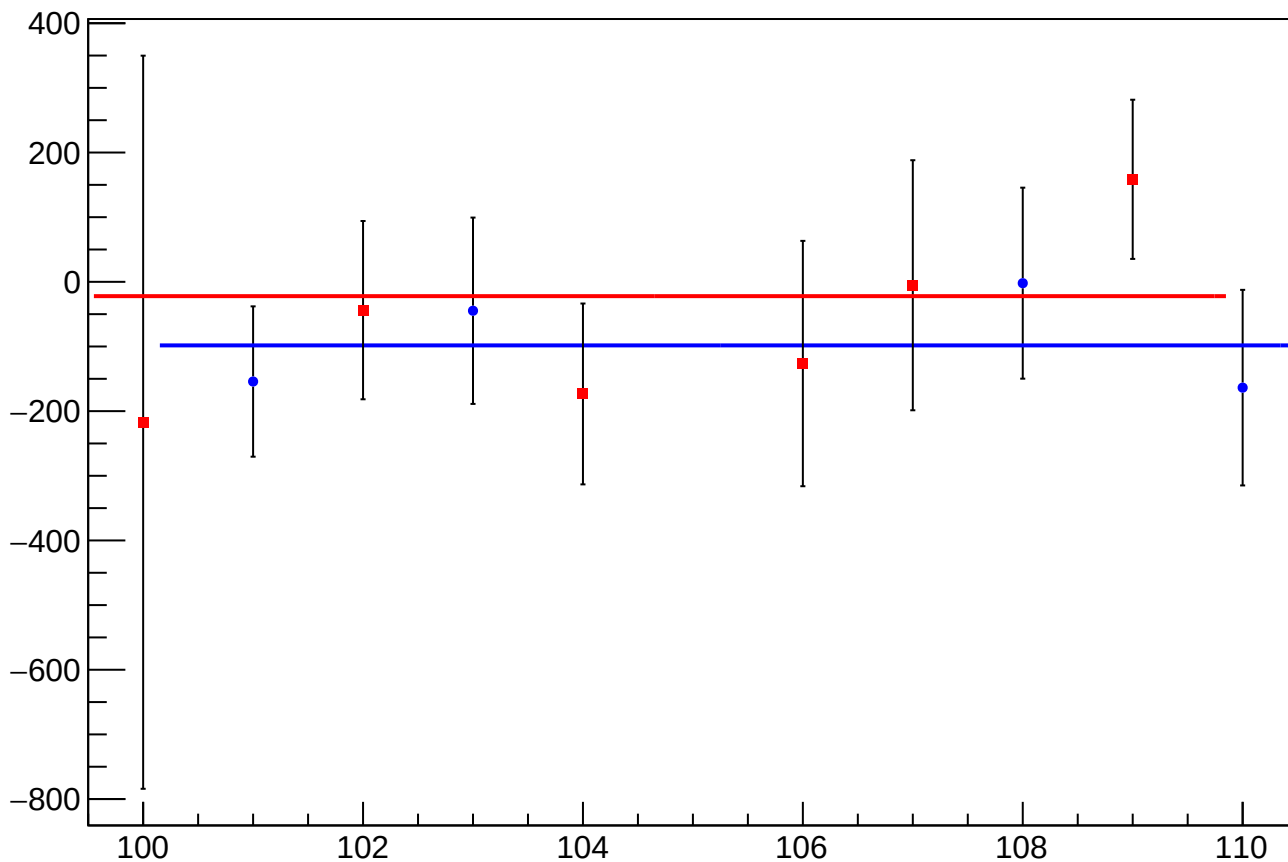
Right: 0.000+/-0.000 χ^2/NDF : 516762.3/9

In: 0.000+/-0.000 χ^2/NDF : 353626.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 516762.3/9

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -98.309+/-68.734 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.138+/-66.324 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

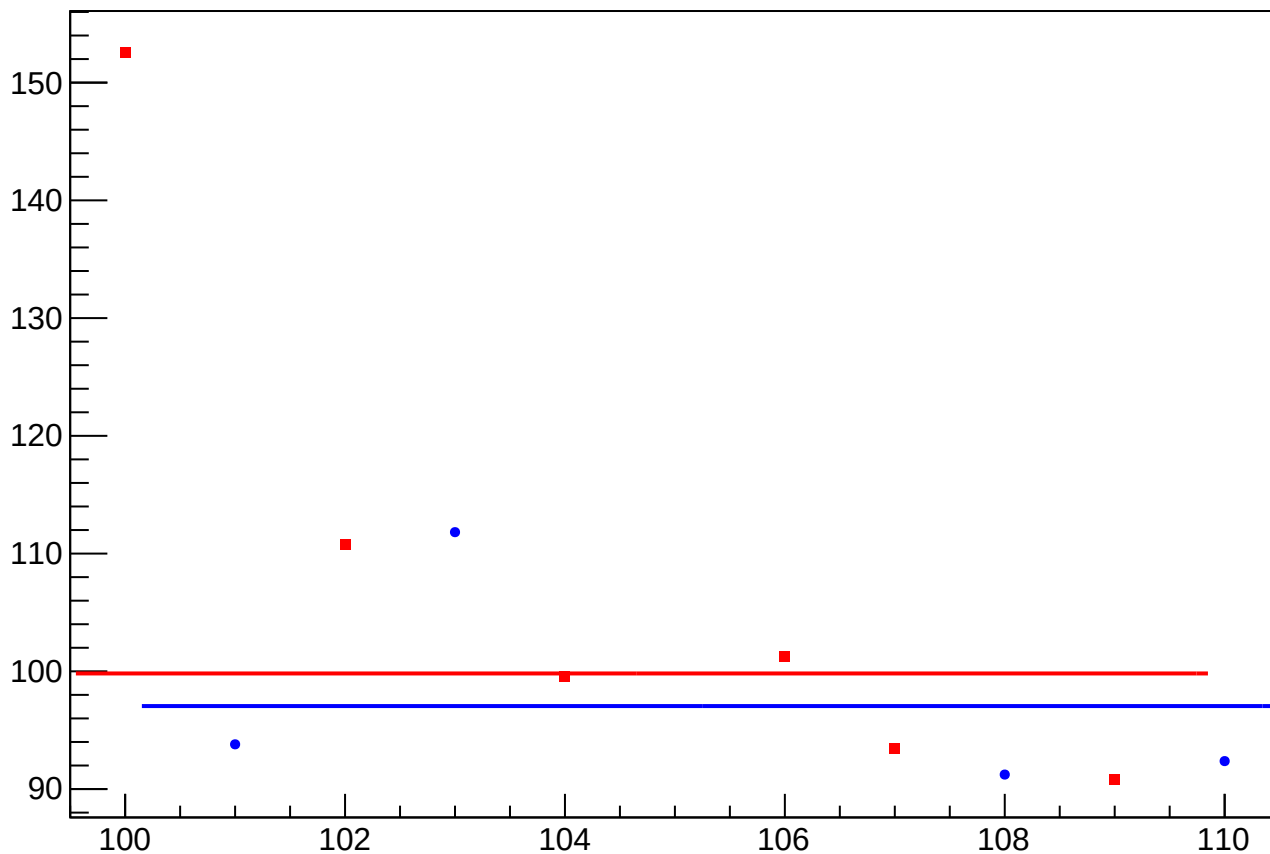
Right: -58.865+/-47.727 χ^2/NDF : 5.4/9

In: -98.309+/-68.734 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.865+/-47.727 χ^2/NDF : 5.4/9

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 97.050+/-0.049 χ^2/NDF : 27586.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.819+/-0.047 χ^2/NDF : 42880.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

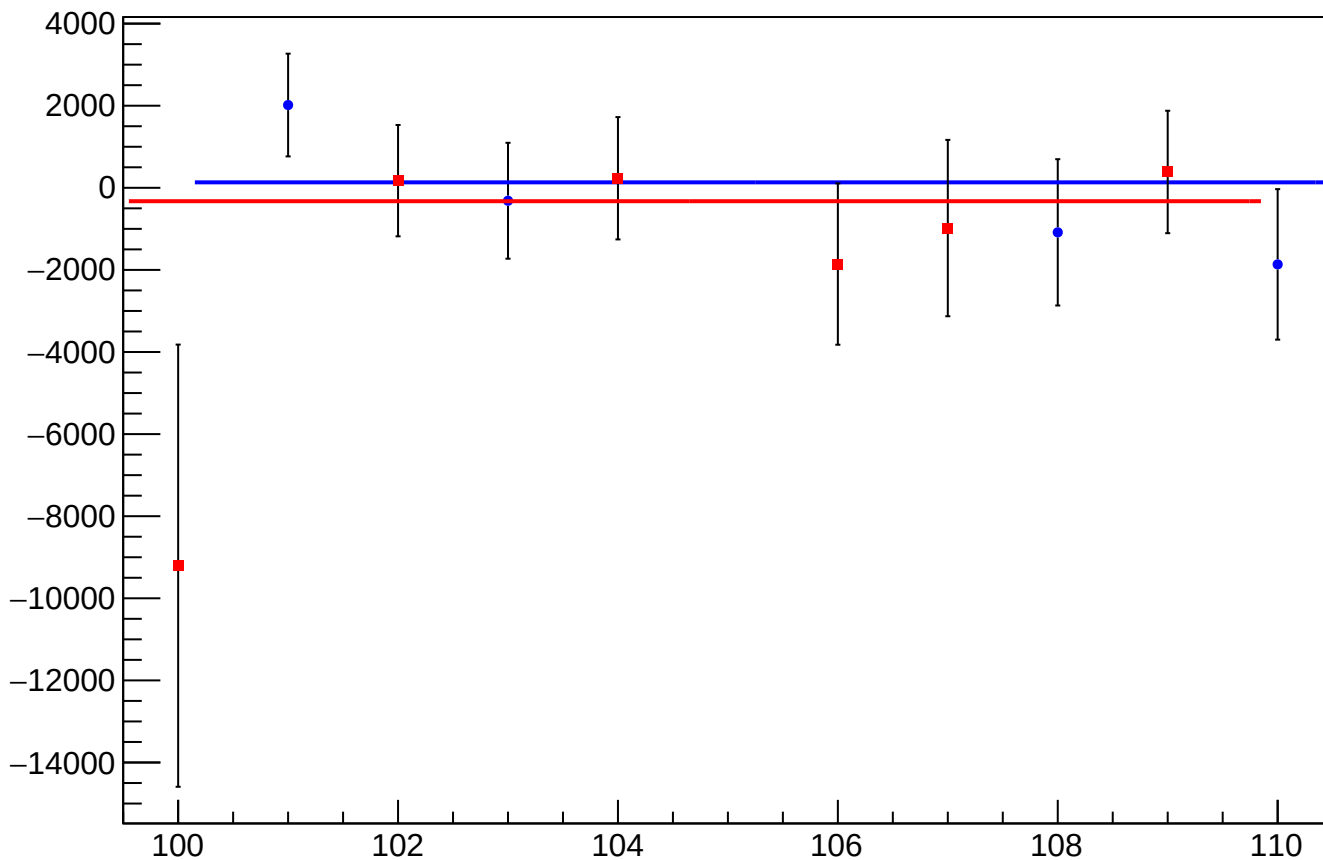
Right: 98.484+/-0.034 χ^2/NDF : 72148.8/9

In: 97.050+/-0.049 χ^2/NDF : 27586.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.484+/-0.034 χ^2/NDF : 72148.8/9

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 132.984+/-755.324 χ^2/NDF : 4.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -326.286+/-715.436 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

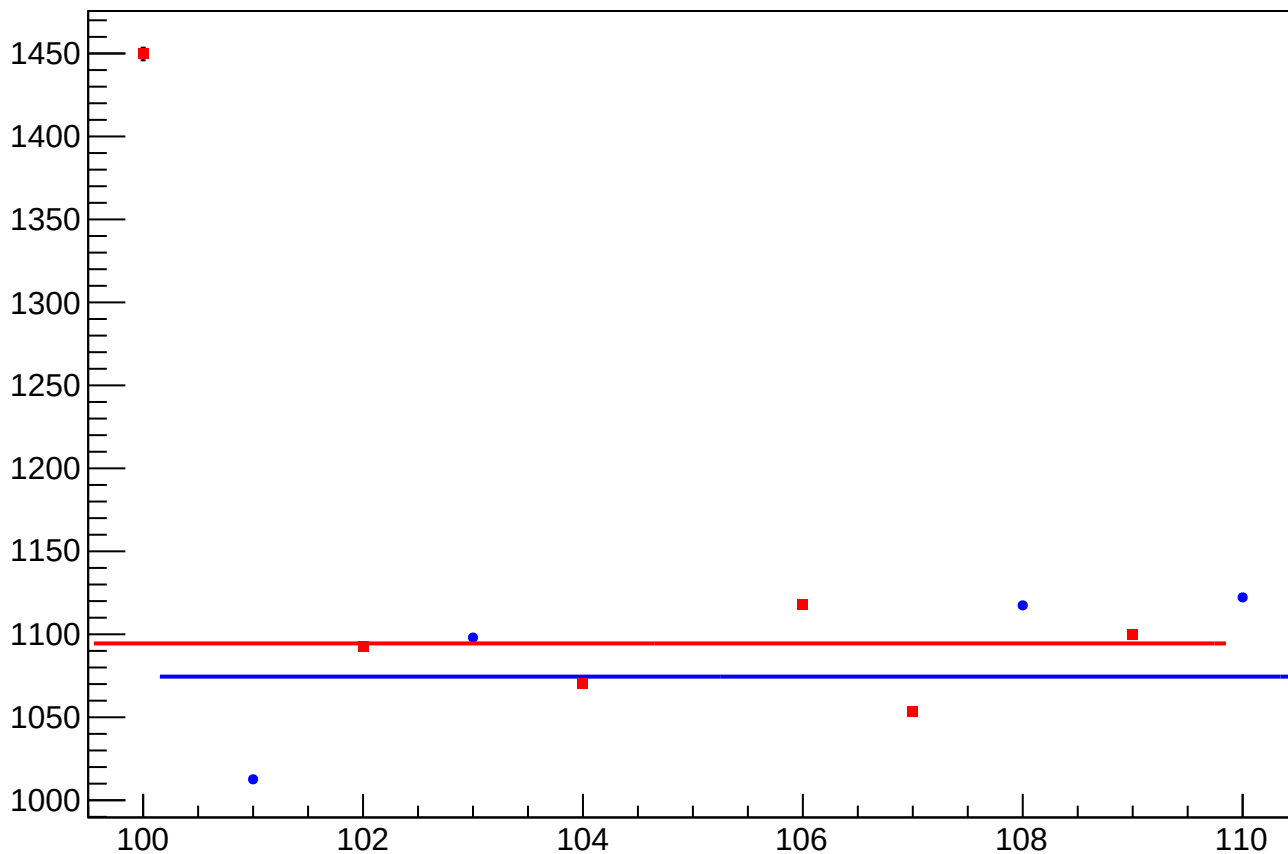
Right: -109.097+/-519.419 χ^2/NDF : 8.1/9

In: 132.984+/-755.324 χ^2/NDF : 4.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.097+/-519.419 χ^2/NDF : 8.1/9

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1074.502 $\pm$ 0.534 χ^2 /NDF: 7966.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1094.498 $\pm$ 0.506 χ^2 /NDF: 10256.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

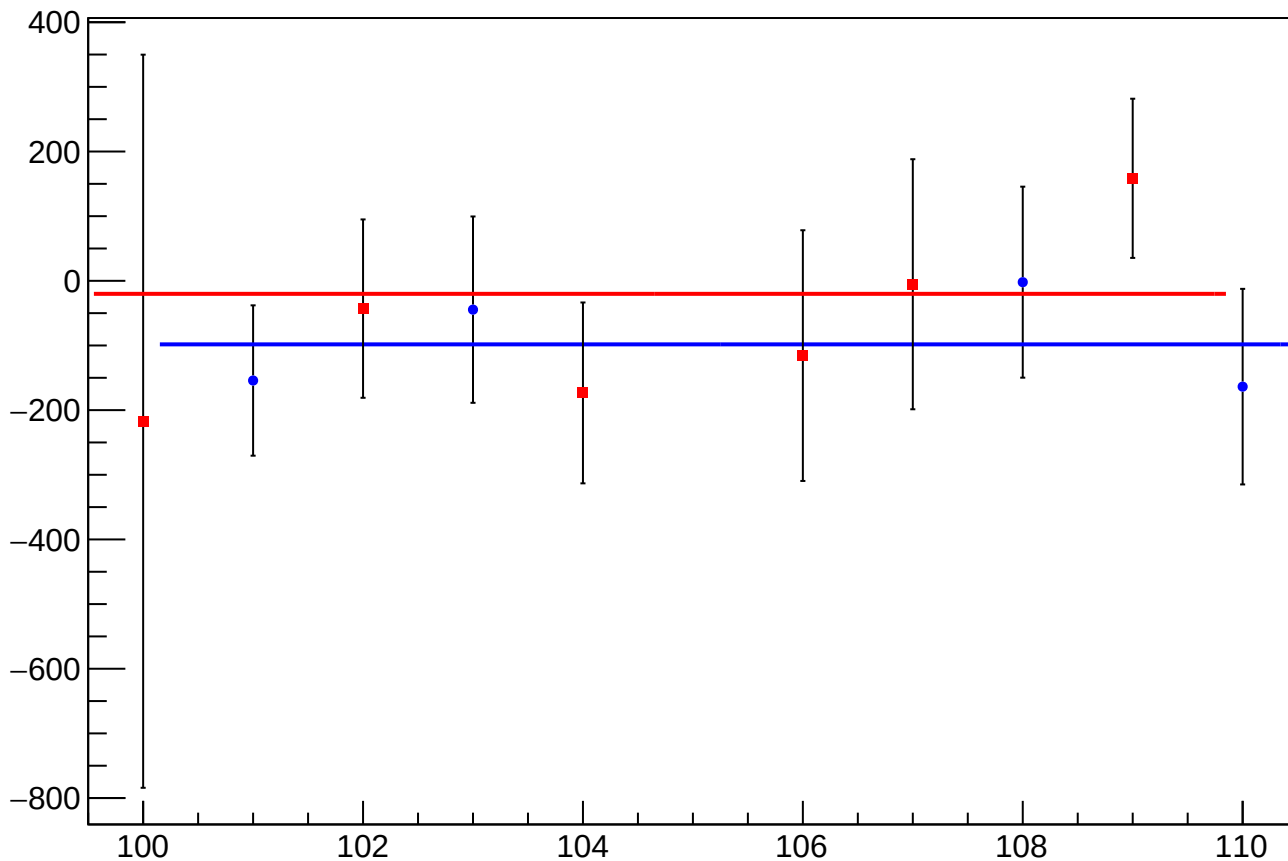
Right: 1085.042 $\pm$ 0.367 χ^2 /NDF: 18961.7/9

In: 1074.502 $\pm$ 0.534 χ^2 /NDF: 7966.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1085.042 $\pm$ 0.367 χ^2 /NDF: 18961.7/9

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -98.280+/-68.734 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.134+/-66.505 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

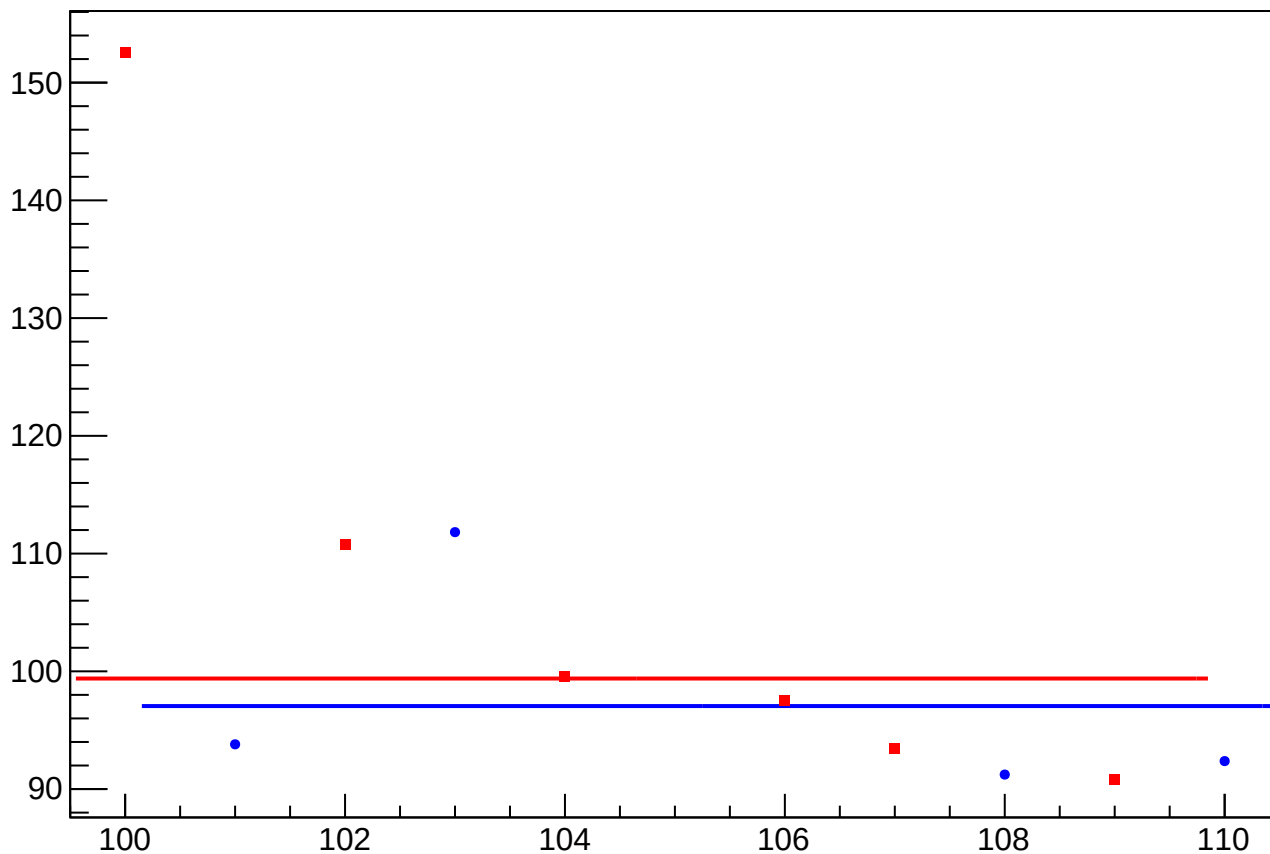
Right: -57.919+/-47.795 χ^2/NDF : 5.4/9

In: -98.280+/-68.734 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.919+/-47.795 χ^2/NDF : 5.4/9

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 97.050+/-0.049 χ^2/NDF : 27587.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.389+/-0.047 χ^2/NDF : 43092.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

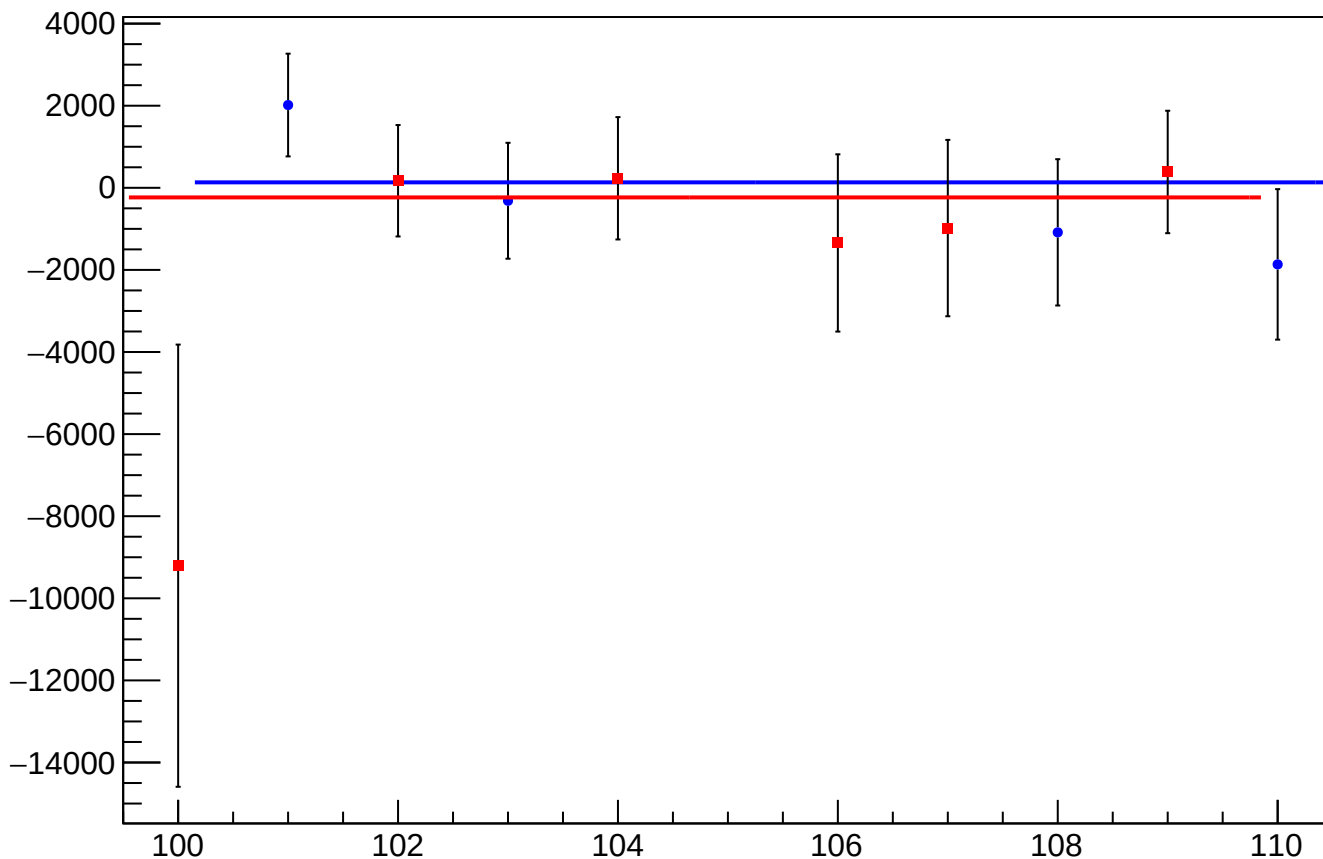
Right: 98.258+/-0.034 χ^2/NDF : 71876.9/9

In: 97.050+/-0.049 χ^2/NDF : 27587.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.258+/-0.034 χ^2/NDF : 71876.9/9

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 132.853+/-755.336 χ^2/NDF : 4.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -233.955+/-723.829 χ^2/NDF : 3.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

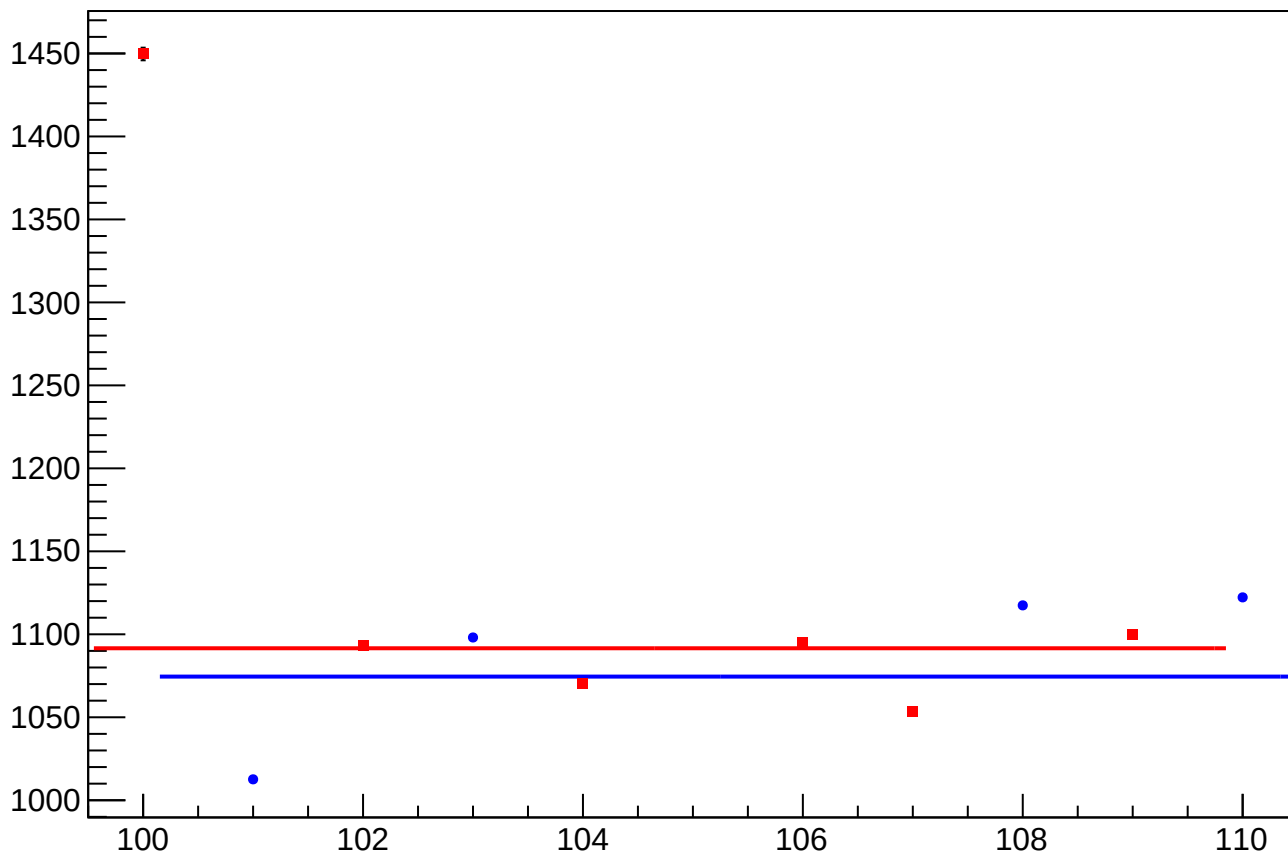
Right: -58.361+/-522.608 χ^2/NDF : 7.7/9

In: 132.853+/-755.336 χ^2/NDF : 4.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.361+/-522.608 χ^2/NDF : 7.7/9

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1074.517+/-0.534 χ^2/NDF : 7969.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1091.584+/-0.512 χ^2/NDF : 9941.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

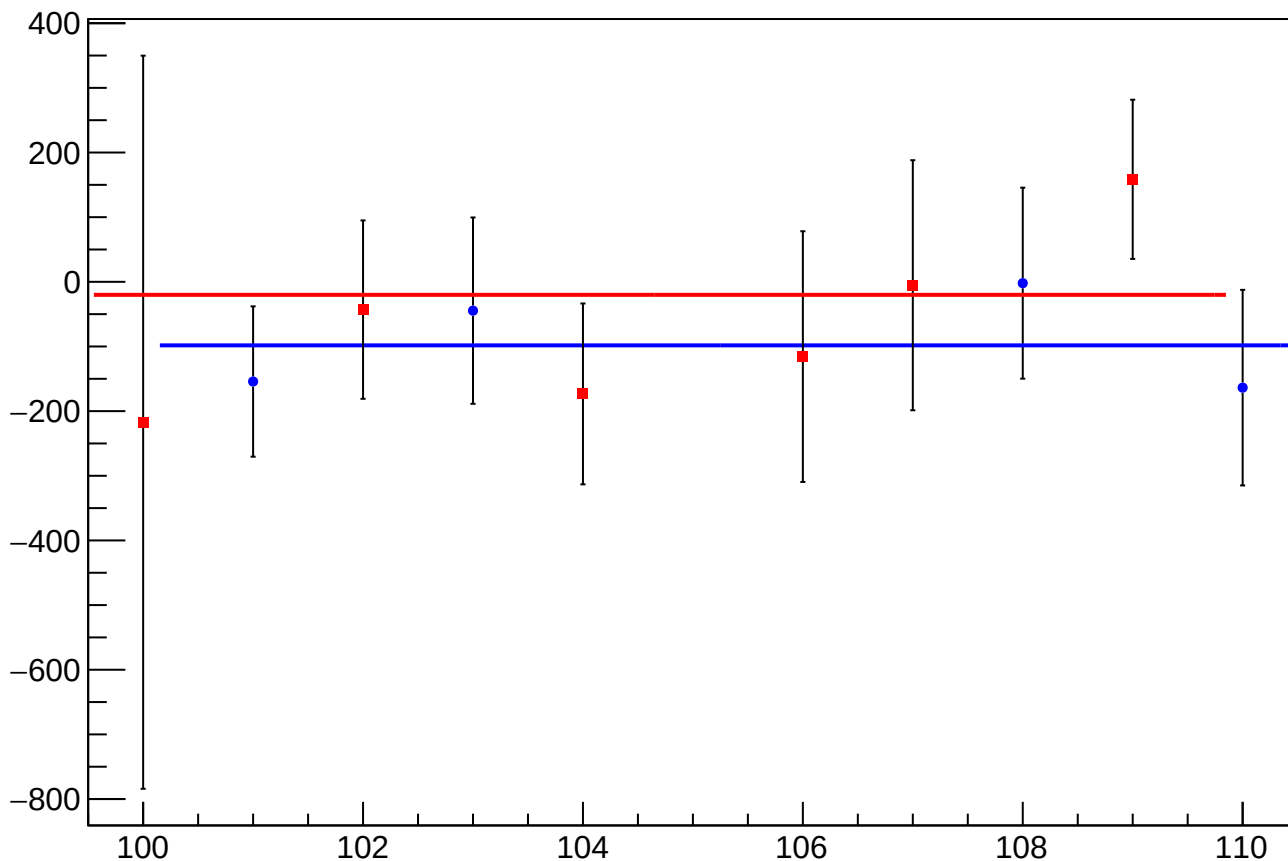
Right: 1083.413+/-0.370 χ^2/NDF : 18443.4/9

In: 1074.517+/-0.534 χ^2/NDF : 7969.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1083.413+/-0.370 χ^2/NDF : 18443.4/9

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -98.280+/-68.734 χ^2/NDF : 1.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.134+/-66.505 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

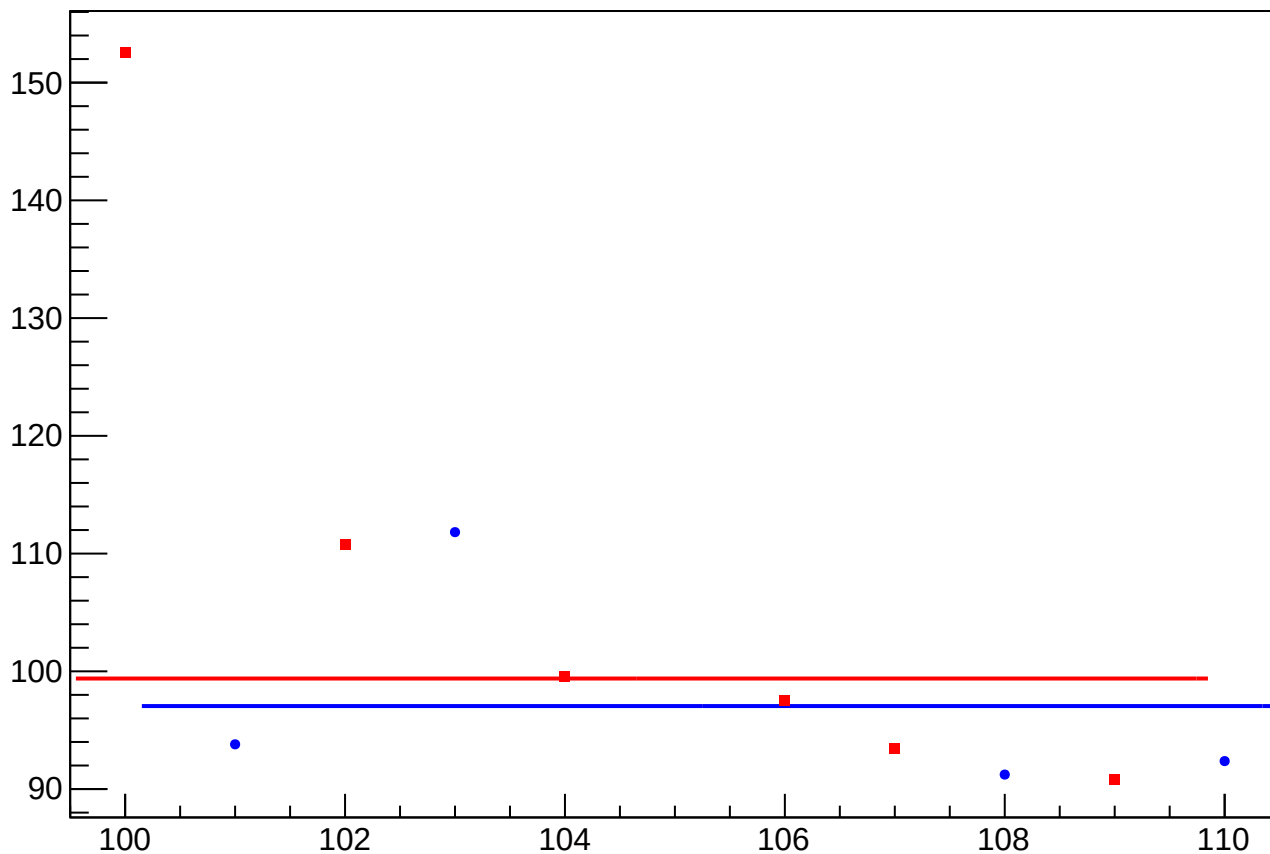
Right: -57.919+/-47.795 χ^2/NDF : 5.4/9

In: -98.280+/-68.734 χ^2/NDF : 1.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.919+/-47.795 χ^2/NDF : 5.4/9

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 97.050+/-0.049 χ^2/NDF : 27587.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.389+/-0.047 χ^2/NDF : 43092.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

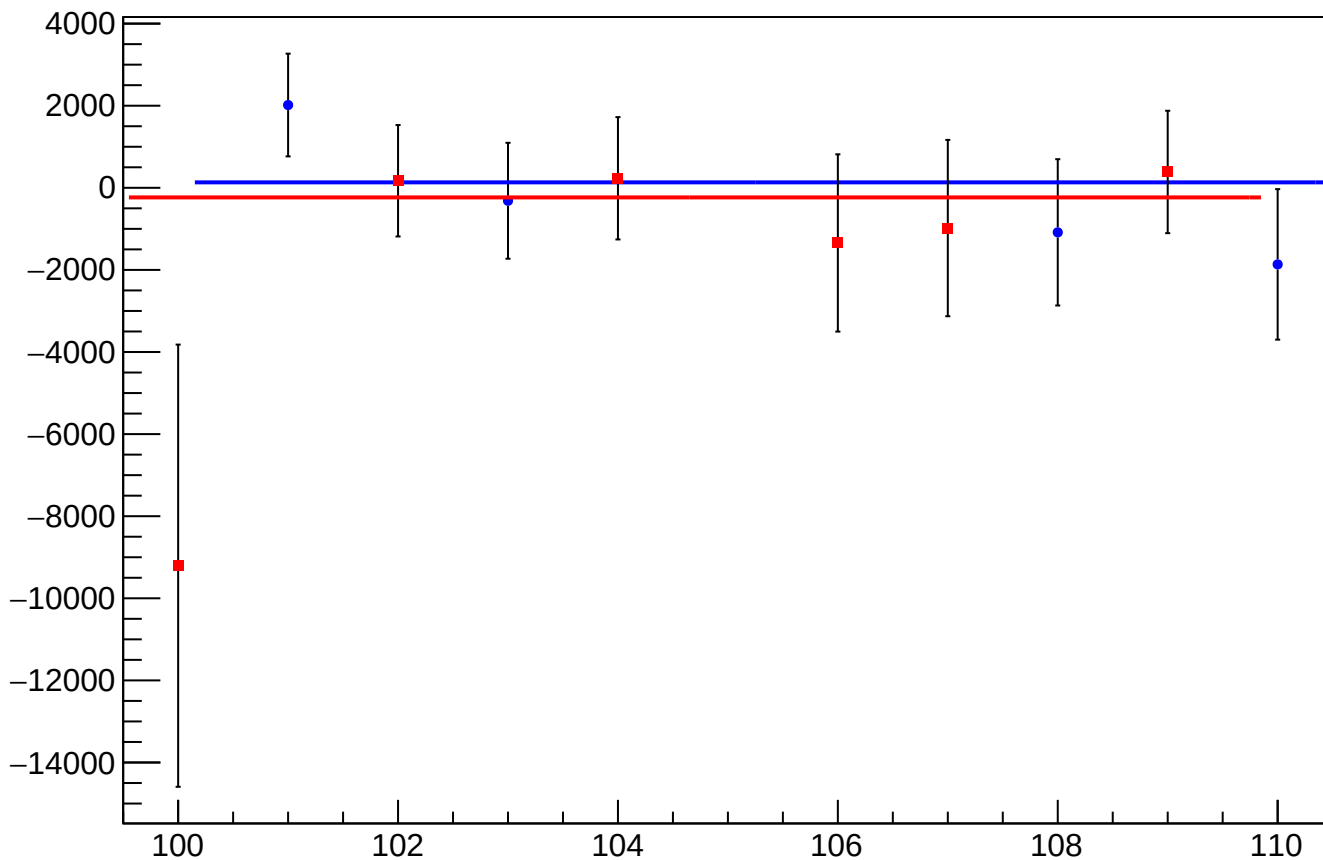
Right: 98.258+/-0.034 χ^2/NDF : 71876.9/9

In: 97.050+/-0.049 χ^2/NDF : 27587.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.258+/-0.034 χ^2/NDF : 71876.9/9

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 132.853+/-755.336 χ^2/NDF : 4.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -233.955+/-723.829 χ^2/NDF : 3.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

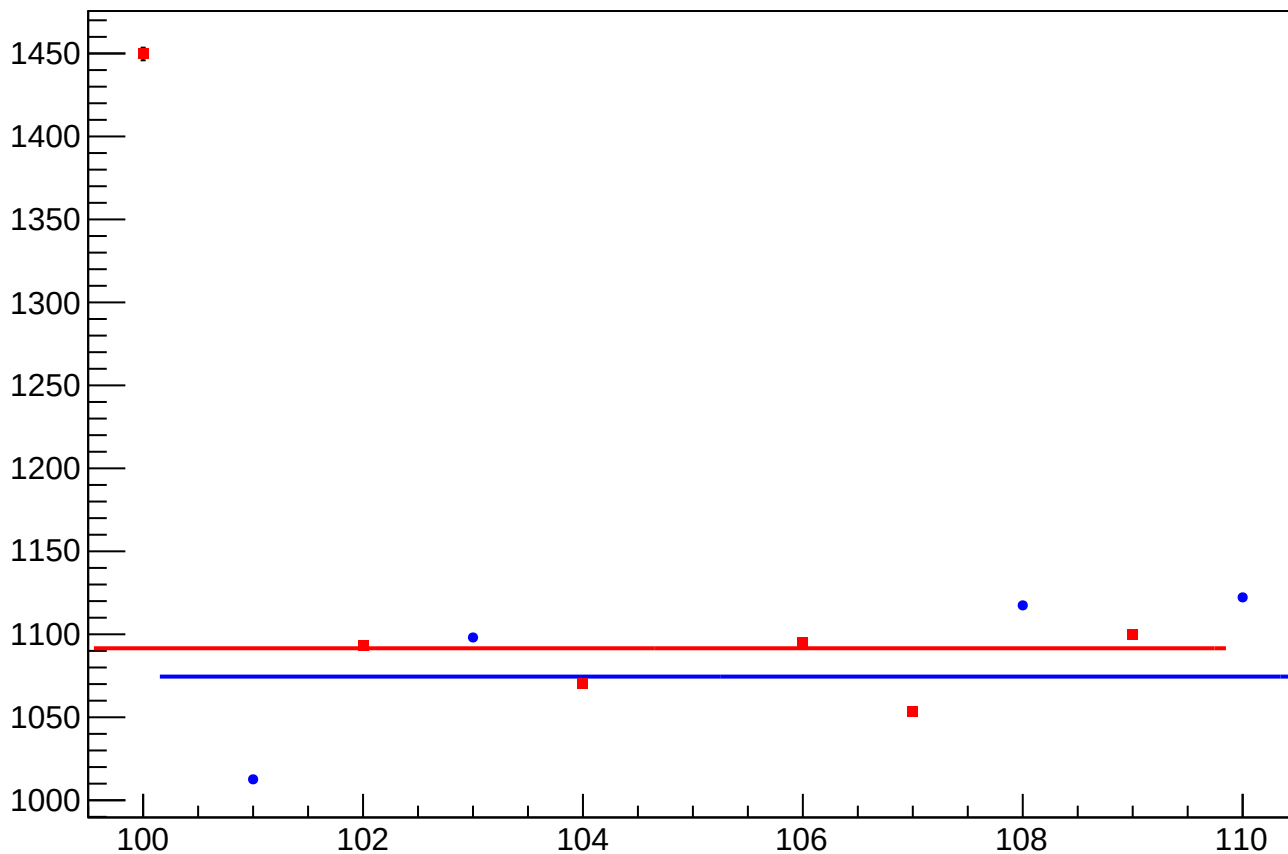
Right: -58.361+/-522.608 χ^2/NDF : 7.7/9

In: 132.853+/-755.336 χ^2/NDF : 4.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.361+/-522.608 χ^2/NDF : 7.7/9

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1074.517+/-0.534 χ^2/NDF : 7969.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1091.584+/-0.512 χ^2/NDF : 9941.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

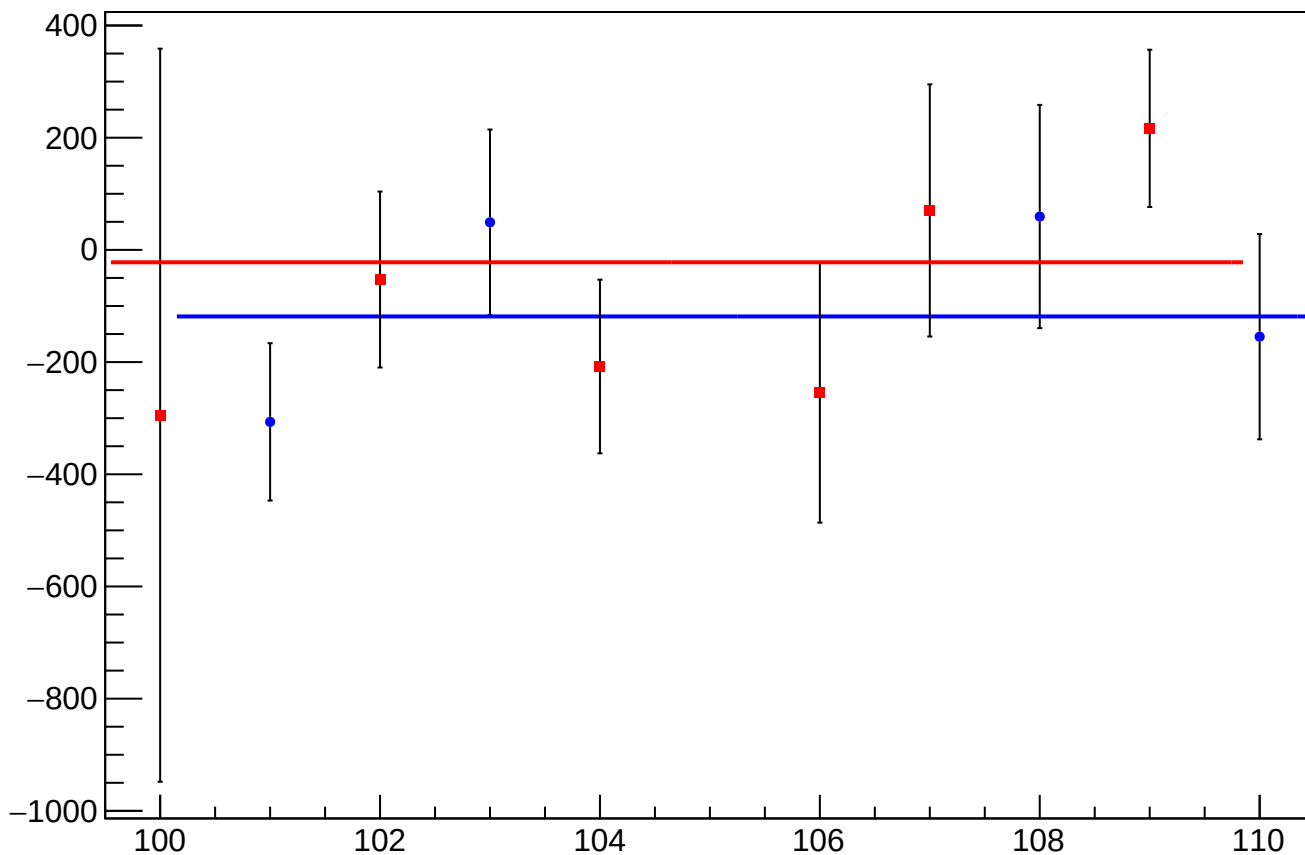
Right: 1083.413+/-0.370 χ^2/NDF : 18443.4/9

In: 1074.517+/-0.534 χ^2/NDF : 7969.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1083.413+/-0.370 χ^2/NDF : 18443.4/9

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -118.657 $\pm$ 83.762 χ^2 /NDF: 3.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.104 $\pm$ 75.795 χ^2 /NDF: 5.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

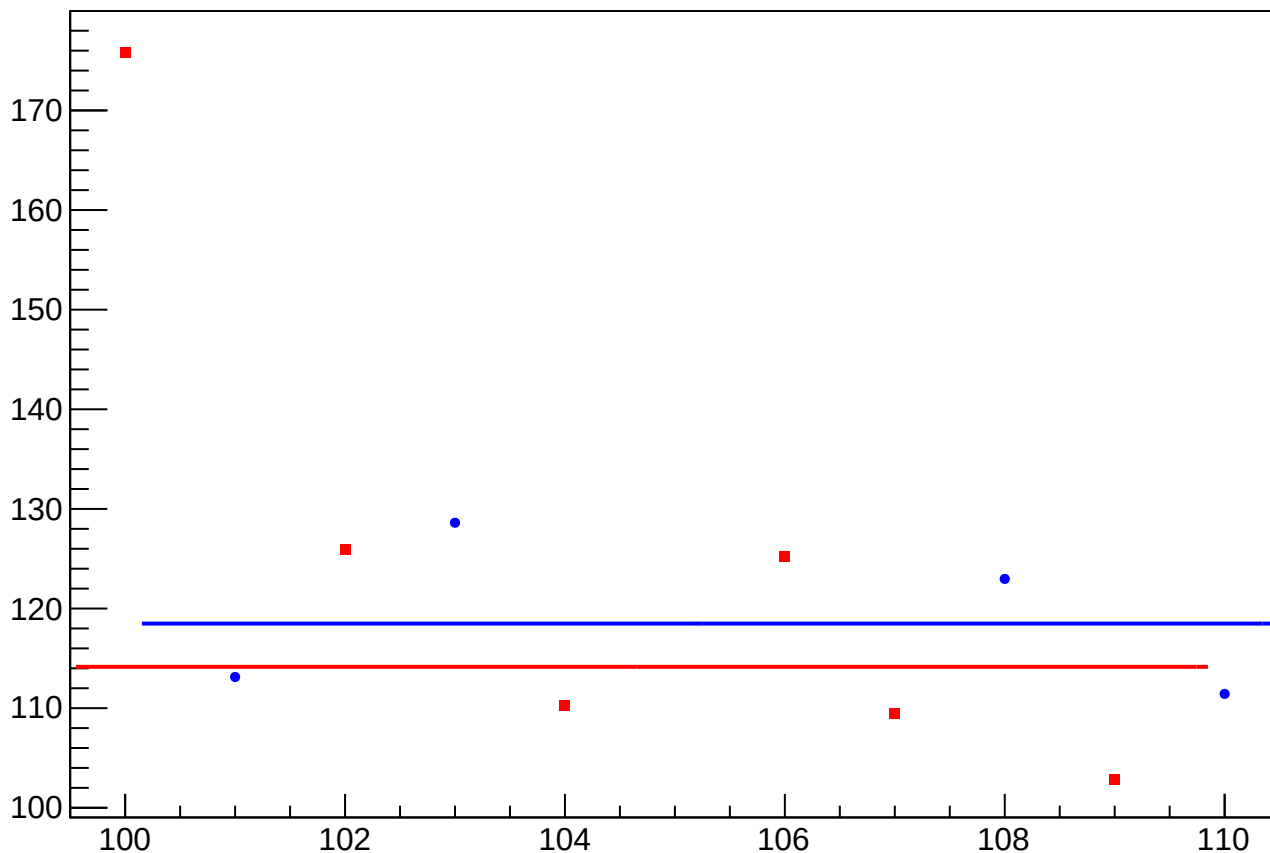
Right: -65.571 $\pm$ 56.201 χ^2 /NDF: 10.1/9

In: -118.657 $\pm$ 83.762 χ^2 /NDF:3.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -65.571 $\pm$ 56.201 χ^2 /NDF: 10.1/9

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 118.491+/-0.059 χ^2/NDF : 14400.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.148+/-0.054 χ^2/NDF : 48942.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

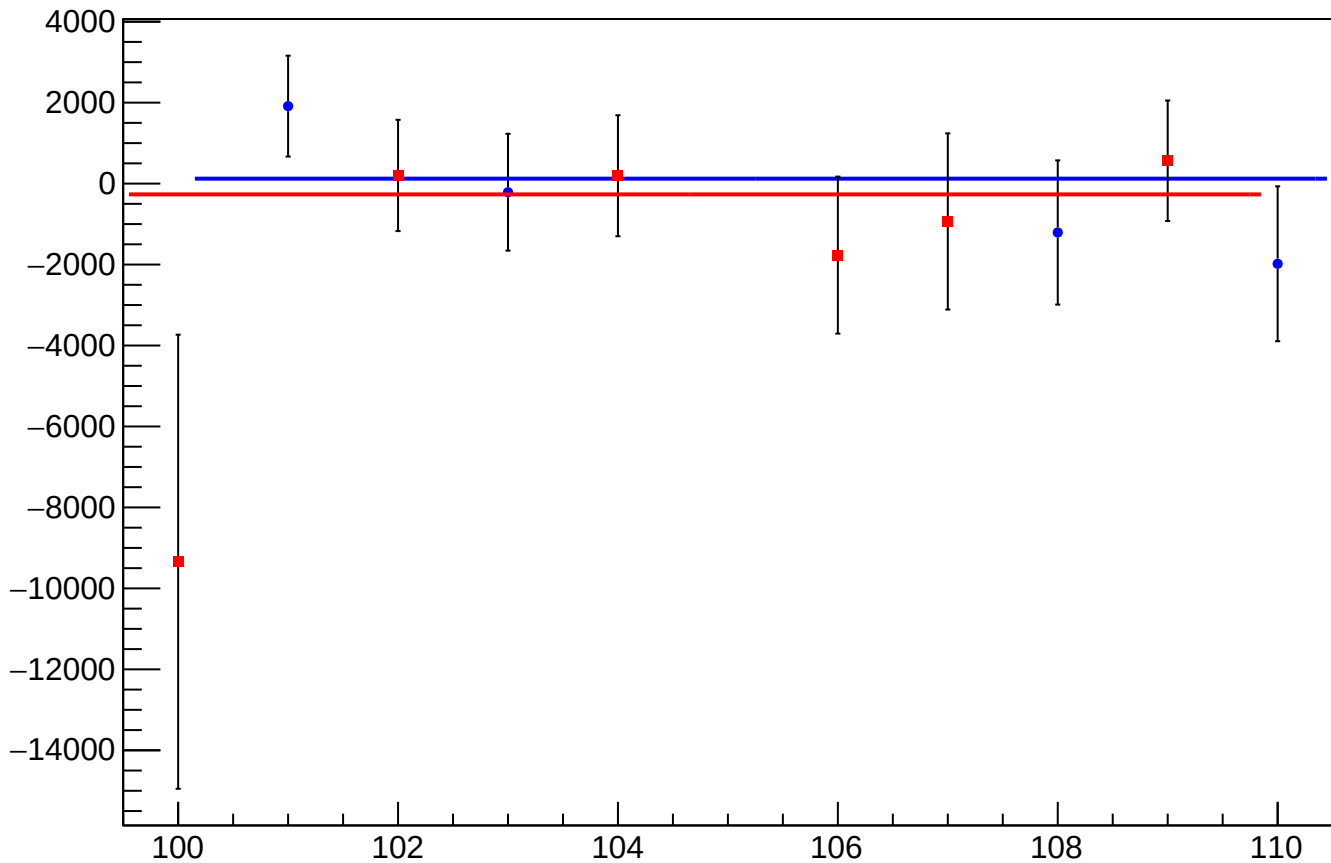
Right: 116.103+/-0.040 χ^2/NDF : 66297.7/9

In: 118.491+/-0.059 χ^2/NDF : 14400.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.103+/-0.040 χ^2/NDF : 66297.7/9

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 121.928+/-764.173 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -266.515+/-718.448 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

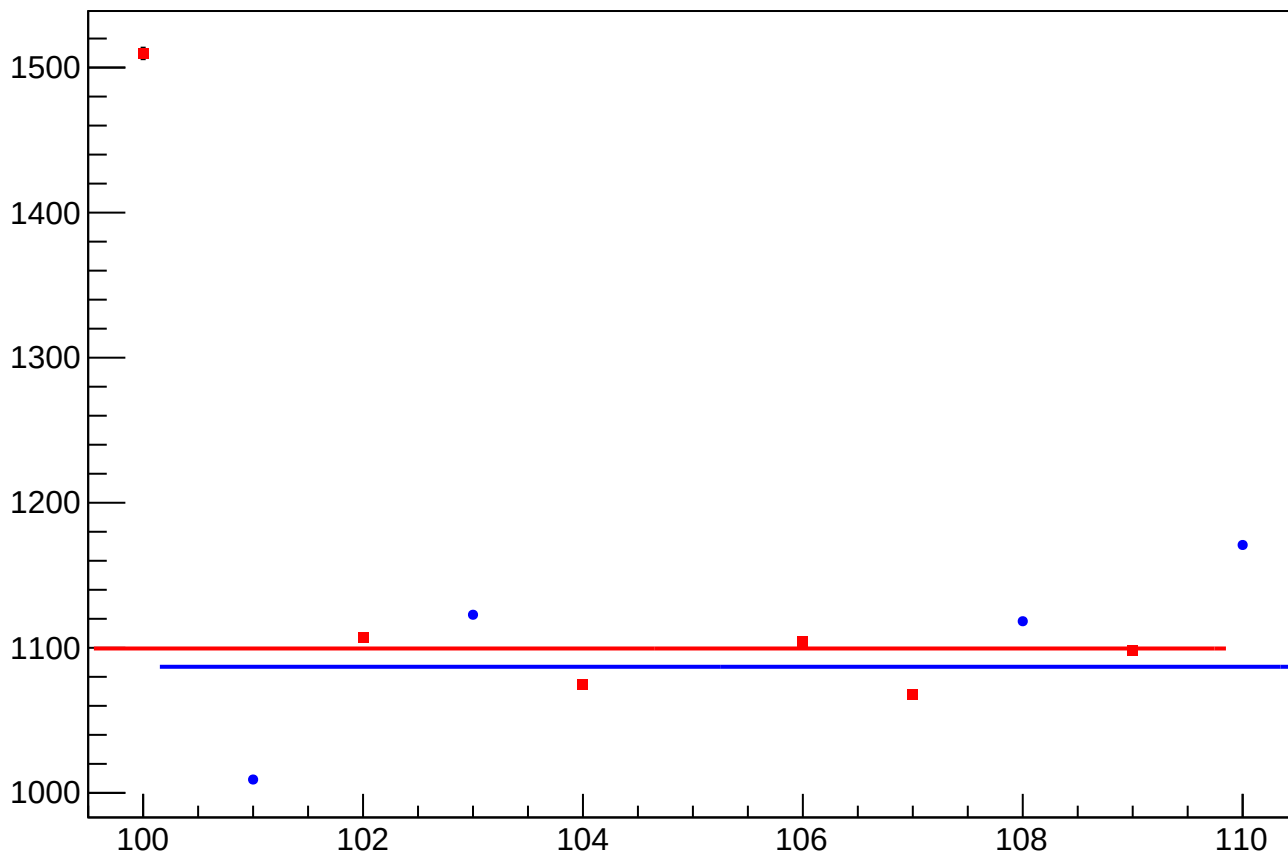
Right: -84.262+/-523.438 χ^2/NDF : 7.9/9

In: 121.928+/-764.173 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.262+/-523.438 χ^2/NDF : 7.9/9

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1086.929+/-0.540 χ^2/NDF : 13489.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.535+/-0.508 χ^2/NDF : 11764.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

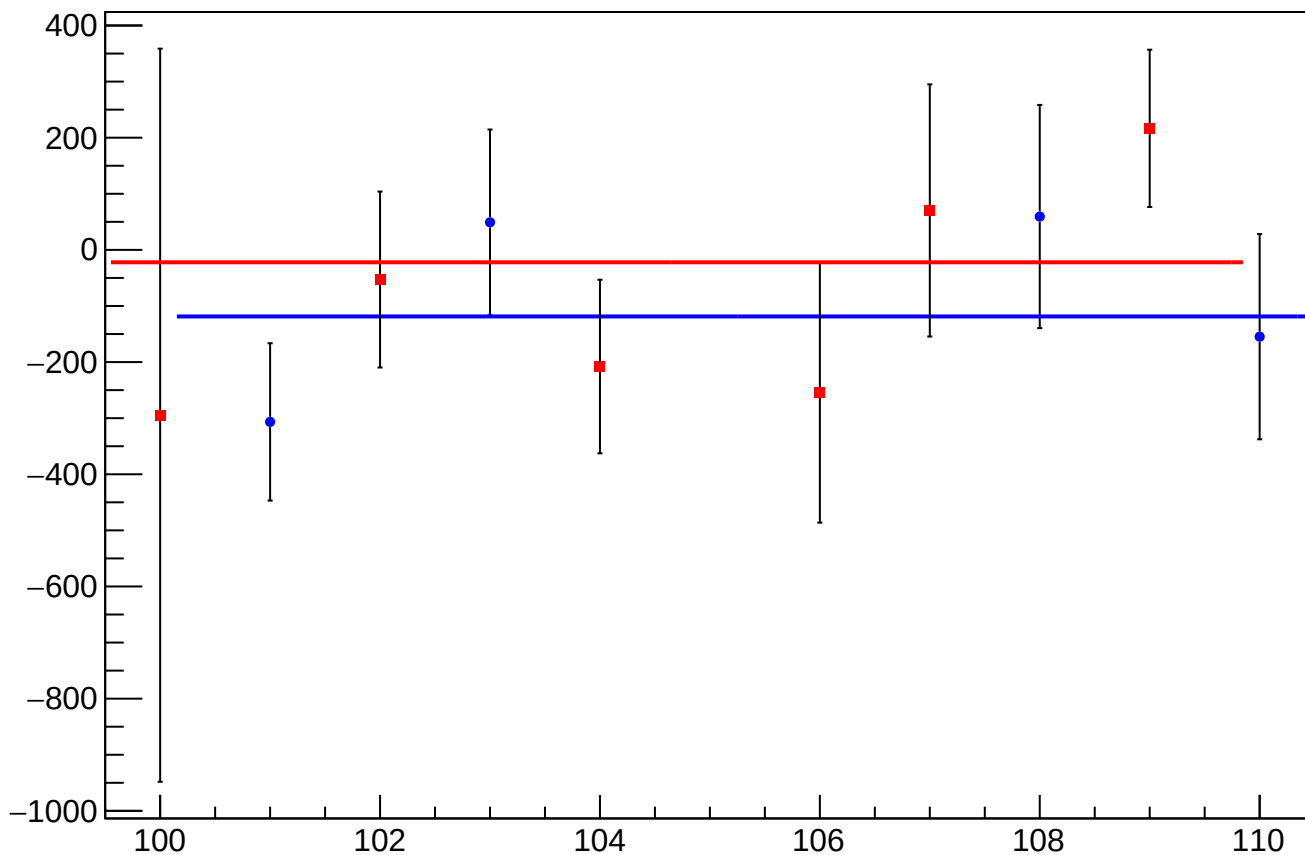
Right: 1093.621+/-0.370 χ^2/NDF : 25542.8/9

In: 1086.929+/-0.540 χ^2/NDF : 13489.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1093.621+/-0.370 χ^2/NDF : 25542.8/9

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -118.652 $\pm$ 83.762 χ^2 /NDF: 3.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.106 $\pm$ 75.795 χ^2 /NDF: 5.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

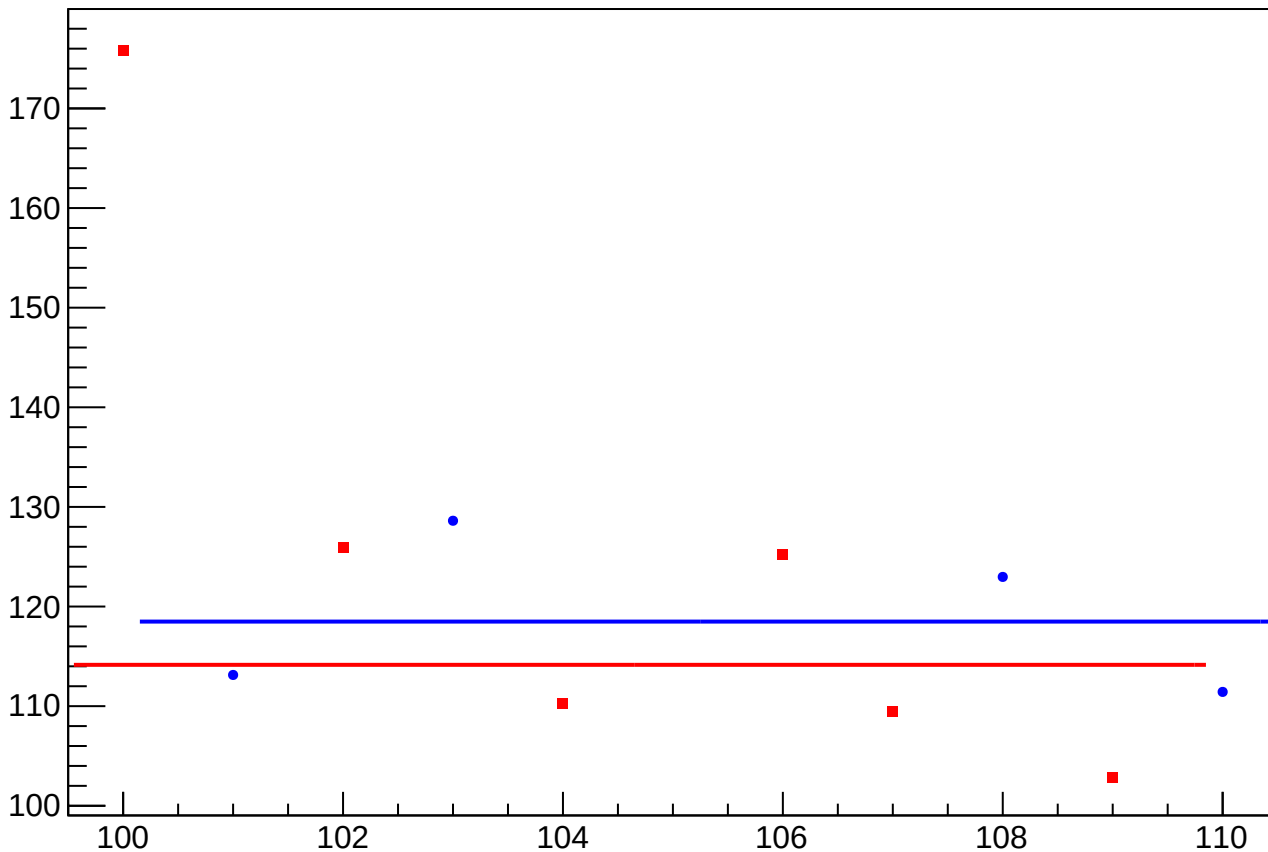
Right: -65.570 $\pm$ 56.201 χ^2 /NDF: 10.1/9

In: -118.652 $\pm$ 83.762 χ^2 /NDF:3.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -65.570 $\pm$ 56.201 χ^2 /NDF: 10.1/9

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 118.490+/-0.059 χ^2/NDF : 14402.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.148+/-0.054 χ^2/NDF : 48941.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

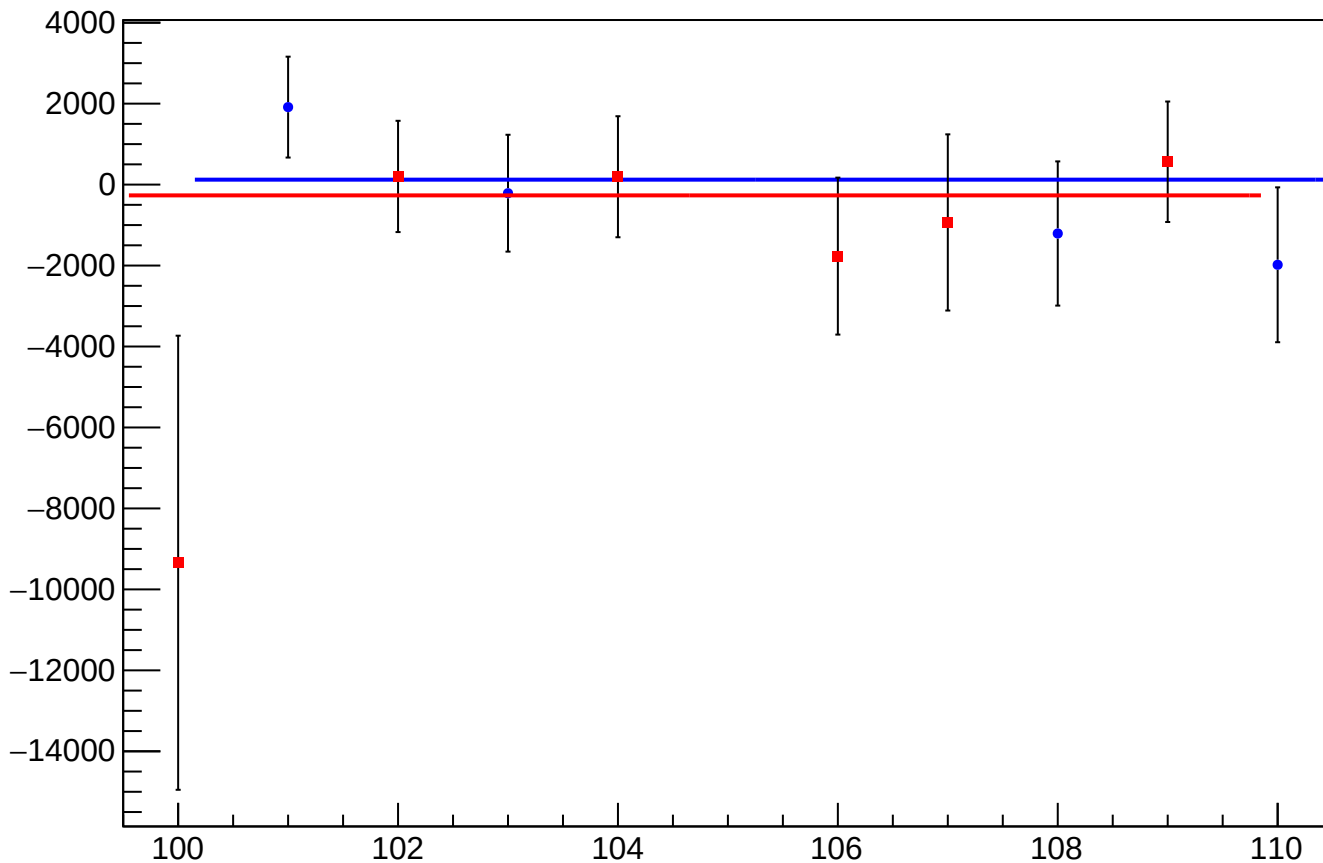
Right: 116.103+/-0.040 χ^2/NDF : 66298.2/9

In: 118.490+/-0.059 χ^2/NDF : 14402.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.103+/-0.040 χ^2/NDF : 66298.2/9

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 121.927+/-764.171 χ^2/NDF : 3.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -266.514+/-718.446 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

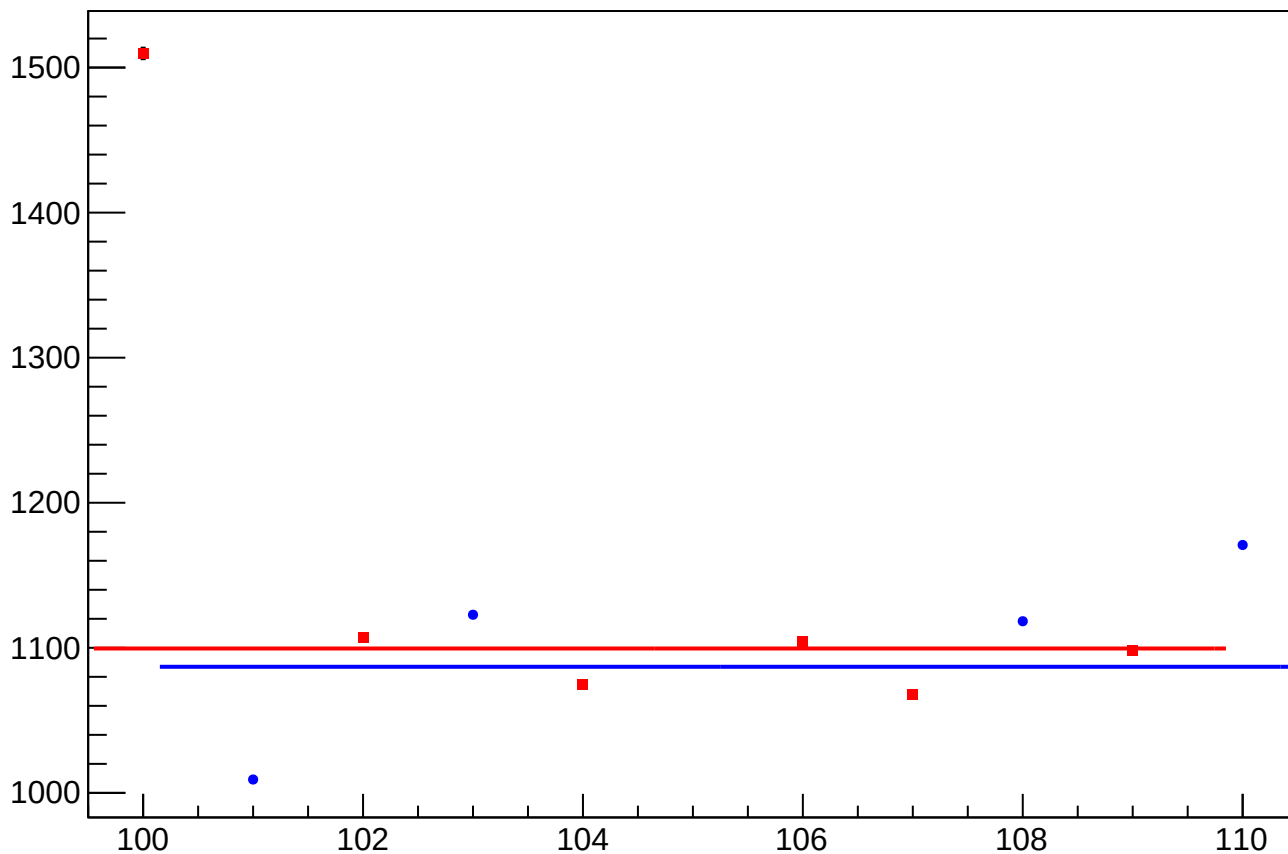
Right: -84.262+/-523.437 χ^2/NDF : 7.9/9

In: 121.927+/-764.171 χ^2/NDF : 3.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.262+/-523.437 χ^2/NDF : 7.9/9

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1086.926+/-0.540 χ^2/NDF : 13488.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.533+/-0.508 χ^2/NDF : 11764.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

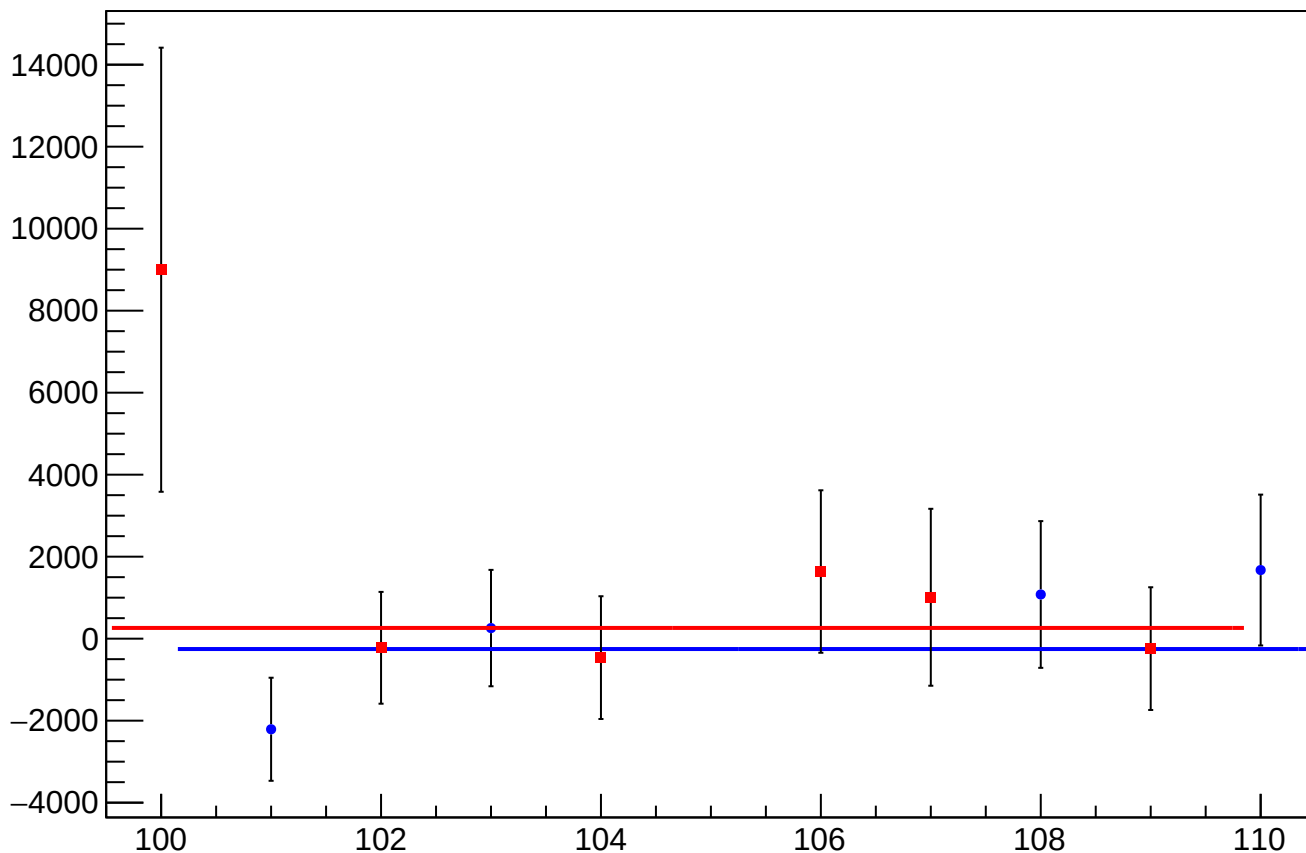
Right: 1093.618+/-0.370 χ^2/NDF : 25541.9/9

In: 1086.926+/-0.540 χ^2/NDF : 13488.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1093.618+/-0.370 χ^2/NDF : 25541.9/9

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -252.777+/-758.724 χ^2/NDF : 4.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 261.863+/-719.030 χ^2/NDF : 3.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

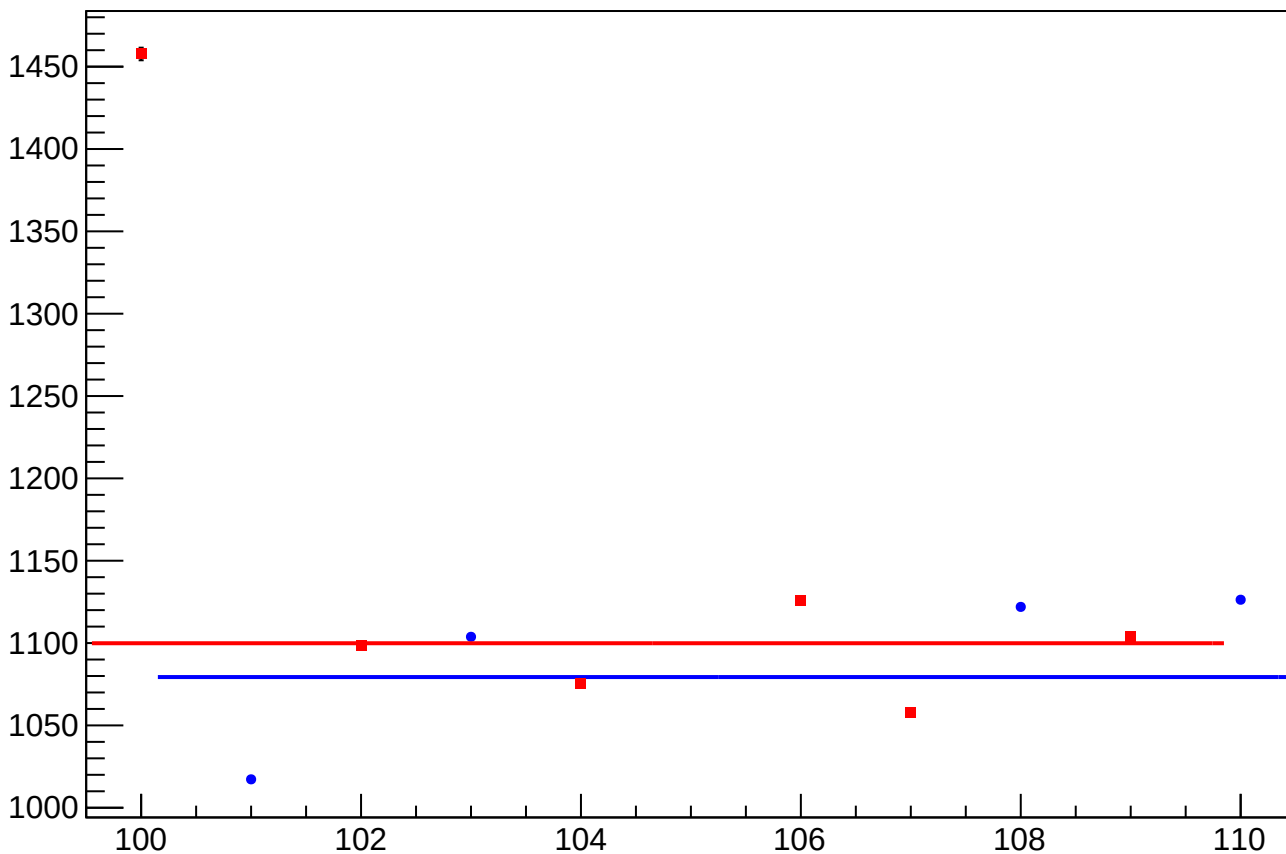
Right: 18.357+/-521.900 χ^2/NDF : 8.1/9

In: -252.777+/-758.724 χ^2/NDF : 4.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.357+/-521.900 χ^2/NDF : 8.1/9

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 1079.359+/-0.536 χ^2/NDF : 7911.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.892+/-0.508 χ^2/NDF : 10375.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

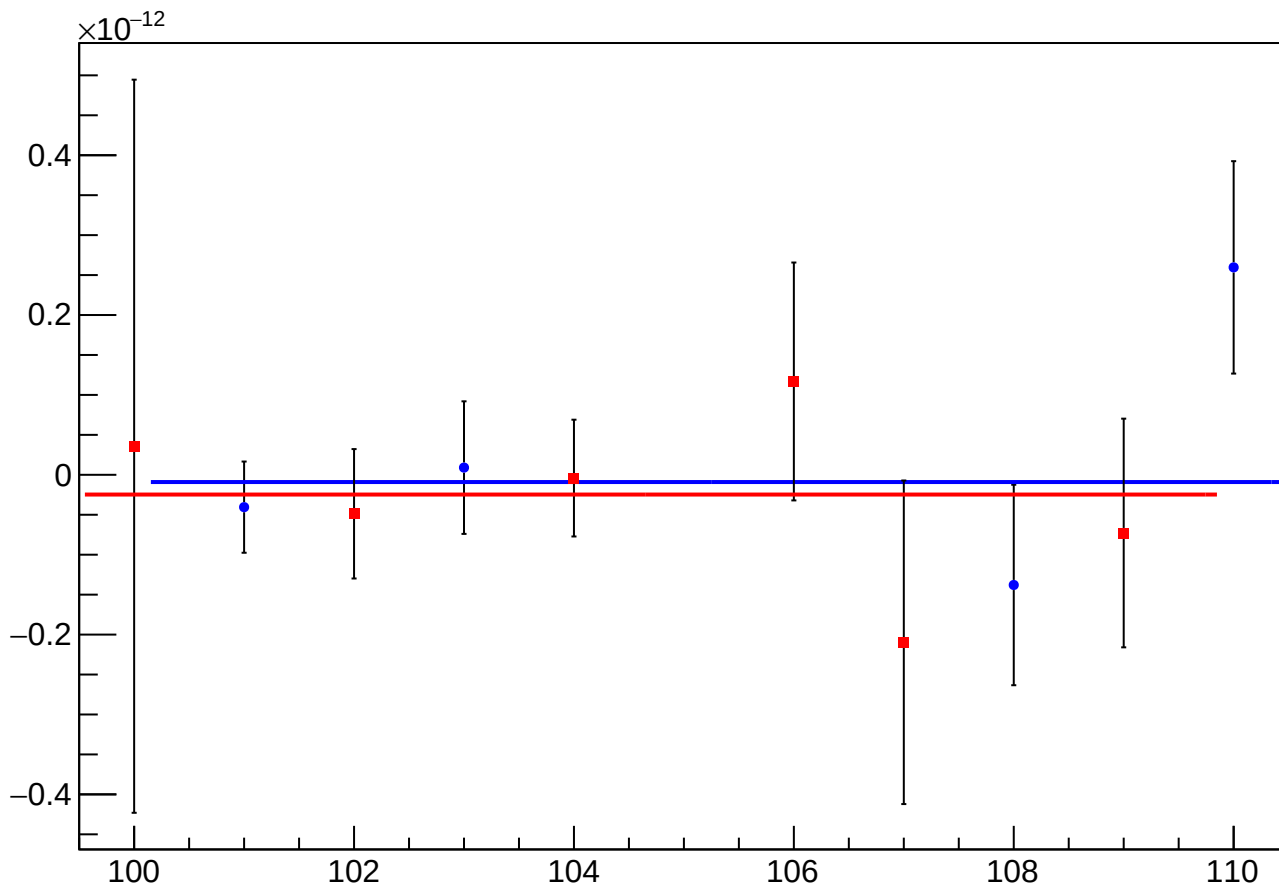
Right: 1090.177+/-0.369 χ^2/NDF : 19058.3/9

In: 1079.359+/-0.536 χ^2/NDF : 7911.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1090.177+/-0.369 χ^2/NDF : 19058.3/9

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

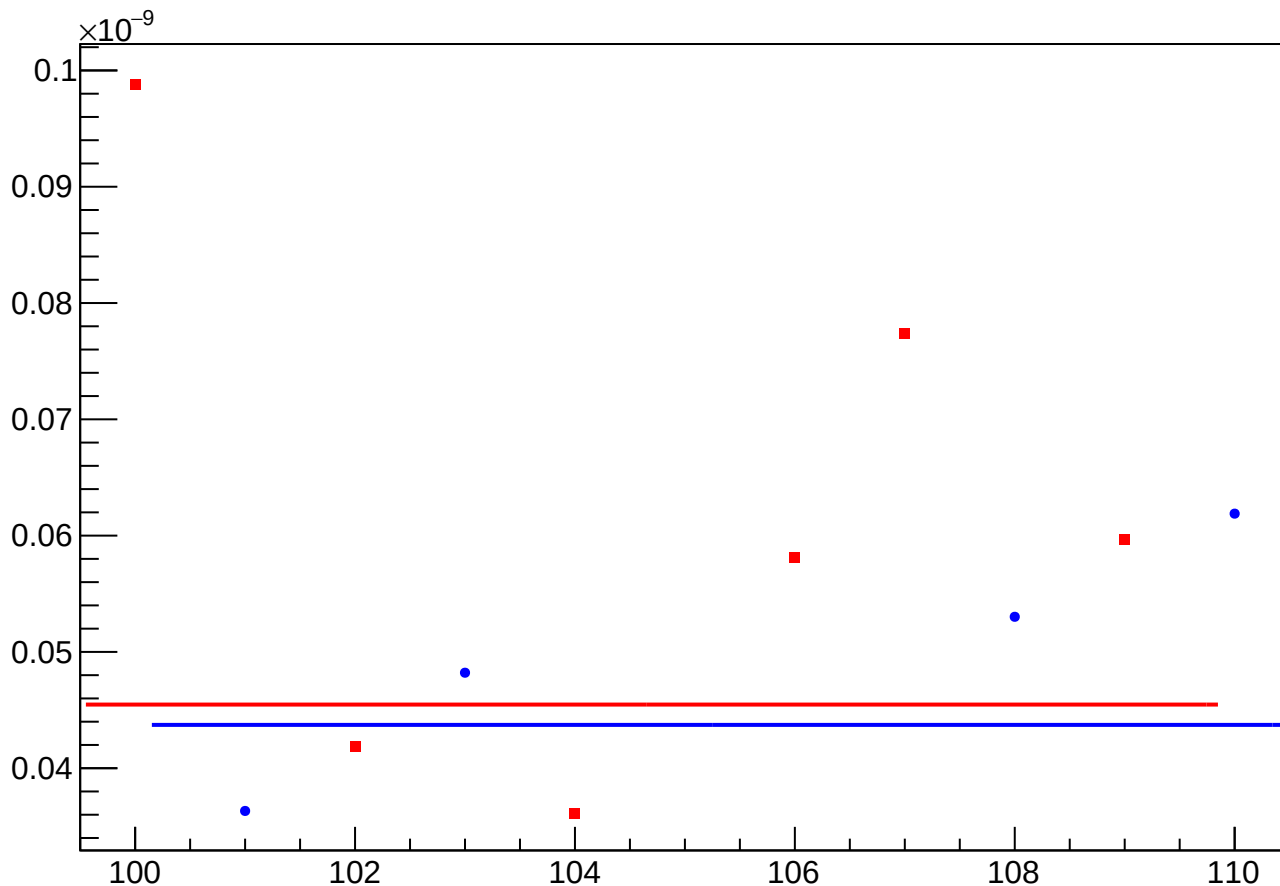
Right: -0.000+/-0.000 χ^2/NDF : 7.6/9

In: -0.000+/-0.000 χ^2/NDF : 5.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.6/9

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 87761.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 147622.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

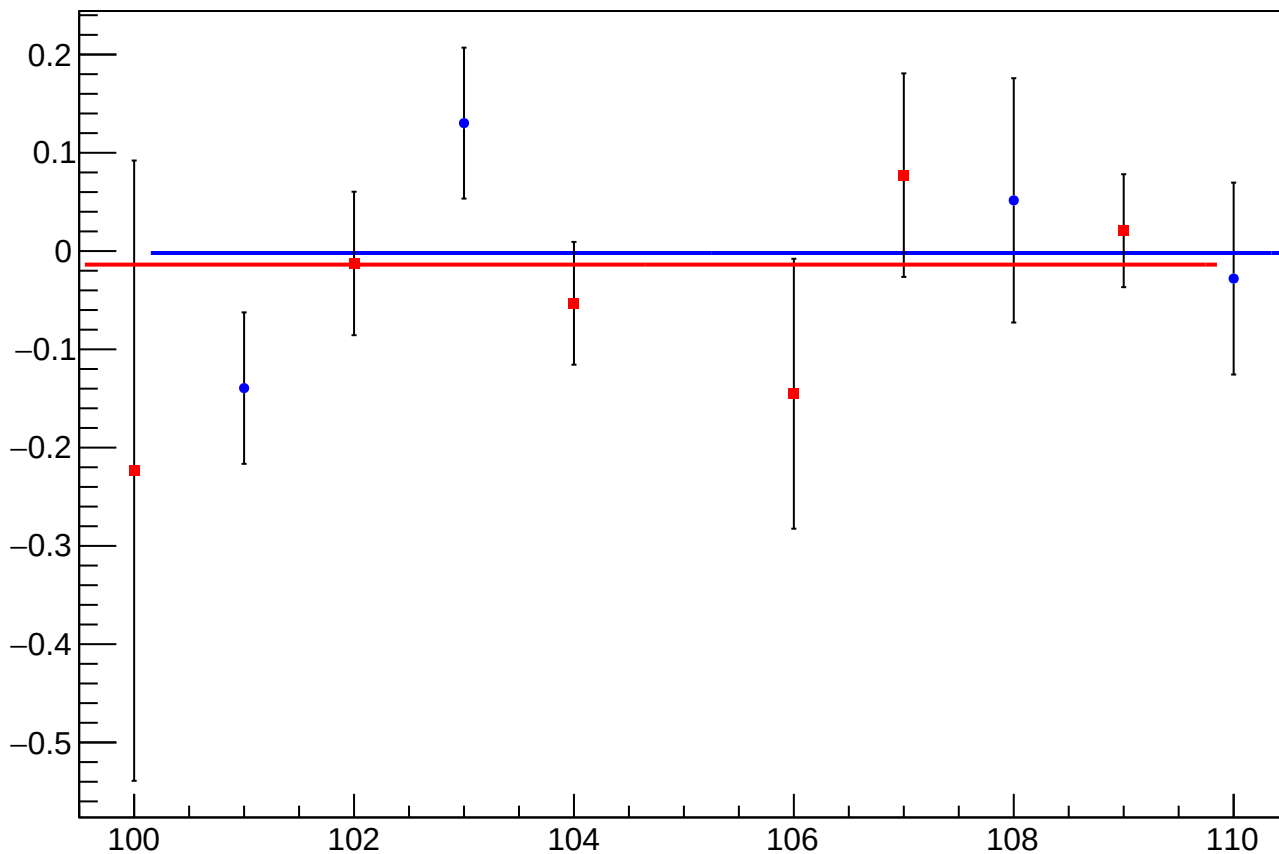
Right: 0.000+/-0.000 χ^2/NDF : 236946.0/9

In: 0.000+/-0.000 χ^2/NDF : 87761.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 236946.0/9

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.044 χ^2/NDF : 6.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.033 χ^2/NDF : 2.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

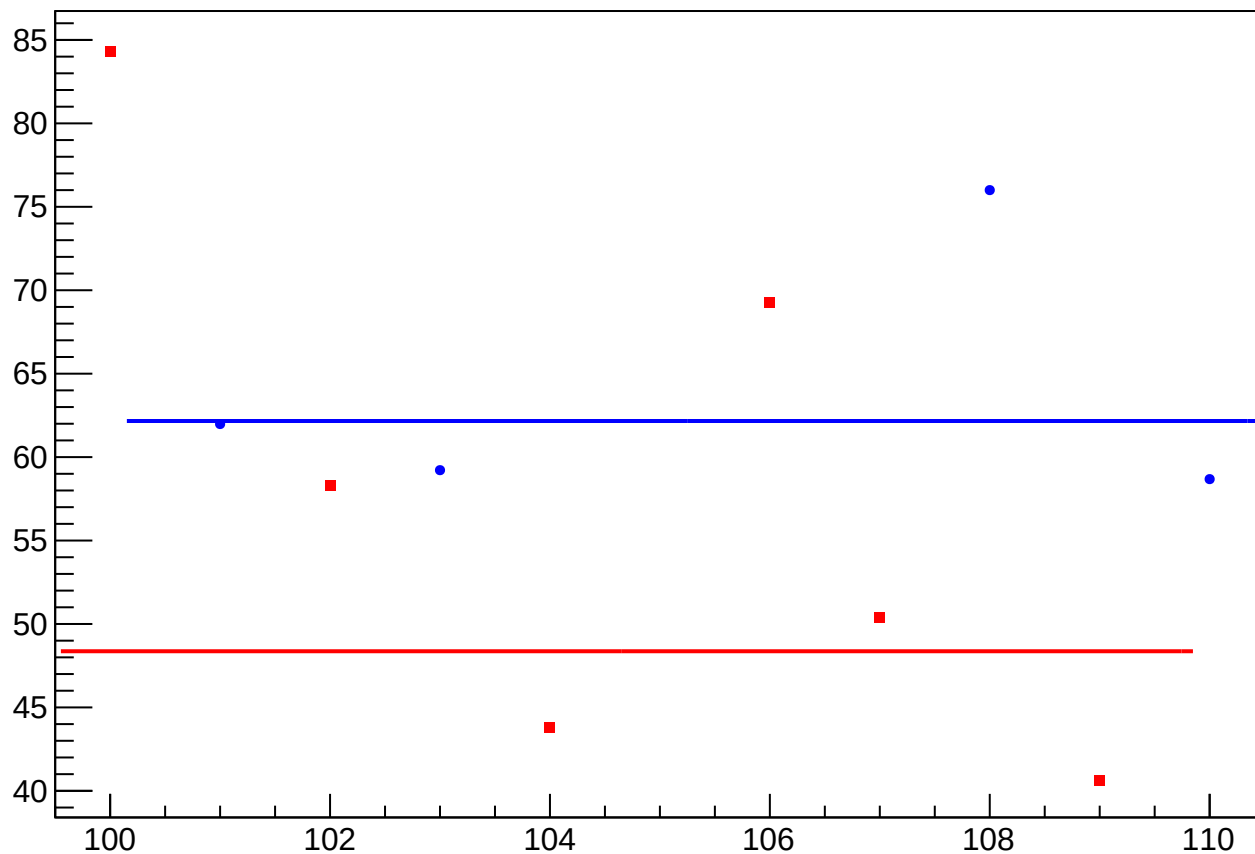
Right: -0.010 ± 0.027 χ^2/NDF : 9.3/9

In: -0.002 ± 0.044 χ^2/NDF : 6.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.027 χ^2/NDF : 9.3/9

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.164 $\pm$ 0.031 χ^2 /NDF: 30283.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.366 $\pm$ 0.024 χ^2 /NDF: 156888.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

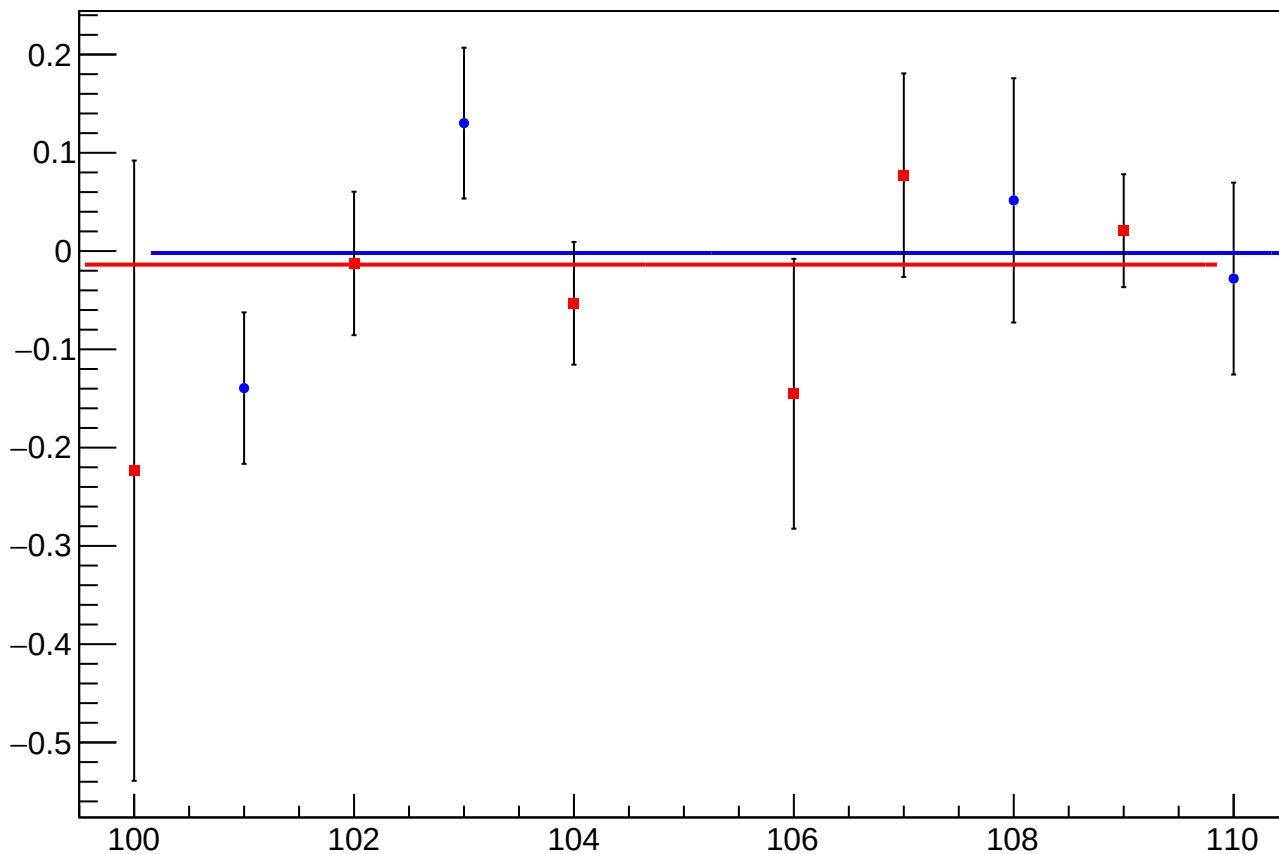
Right: 53.330 $\pm$ 0.019 χ^2 /NDF: 310929.6/9

In: 62.164 $\pm$ 0.031 χ^2 /NDF:30283.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.330 $\pm$ 0.019 χ^2 /NDF: 310929.6/9

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.044 χ^2/NDF : 6.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.033 χ^2/NDF : 2.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

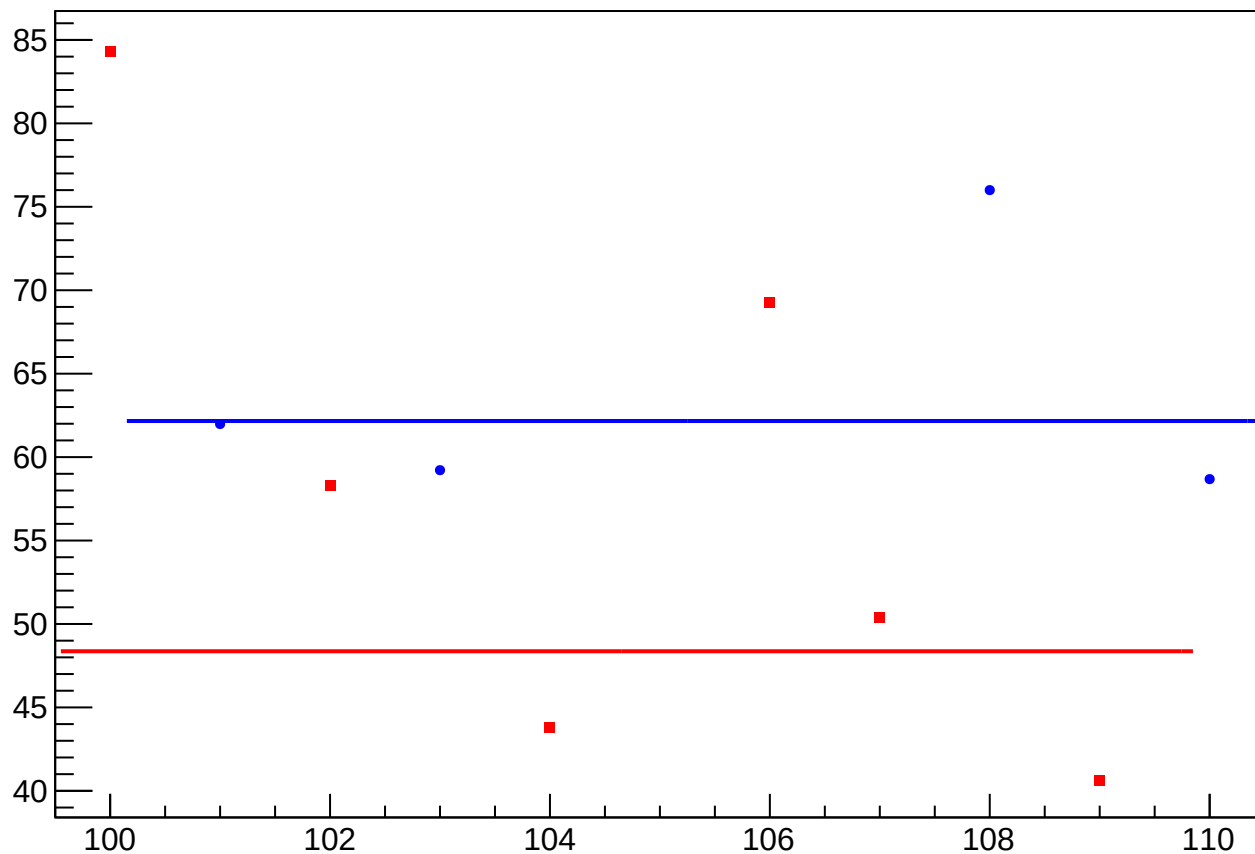
Right: -0.010 ± 0.027 χ^2/NDF : 9.3/9

In: -0.002 ± 0.044 χ^2/NDF : 6.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.027 χ^2/NDF : 9.3/9

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.164 $\pm$ 0.031 χ^2 /NDF: 30283.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.366 $\pm$ 0.024 χ^2 /NDF: 156888.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

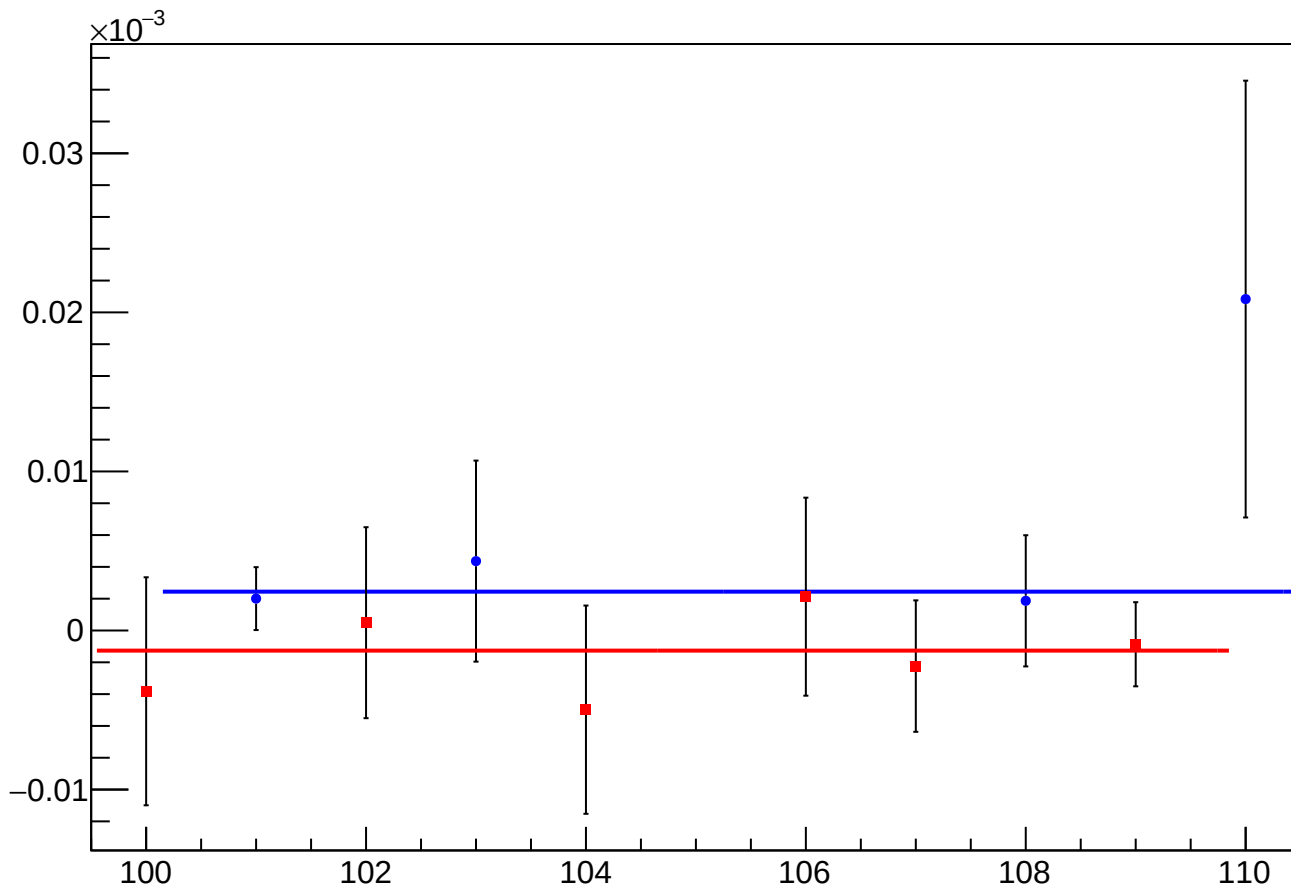
Right: 53.330 $\pm$ 0.019 χ^2 /NDF: 310929.6/9

In: 62.164 $\pm$ 0.031 χ^2 /NDF:30283.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.330 $\pm$ 0.019 χ^2 /NDF: 310929.6/9

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

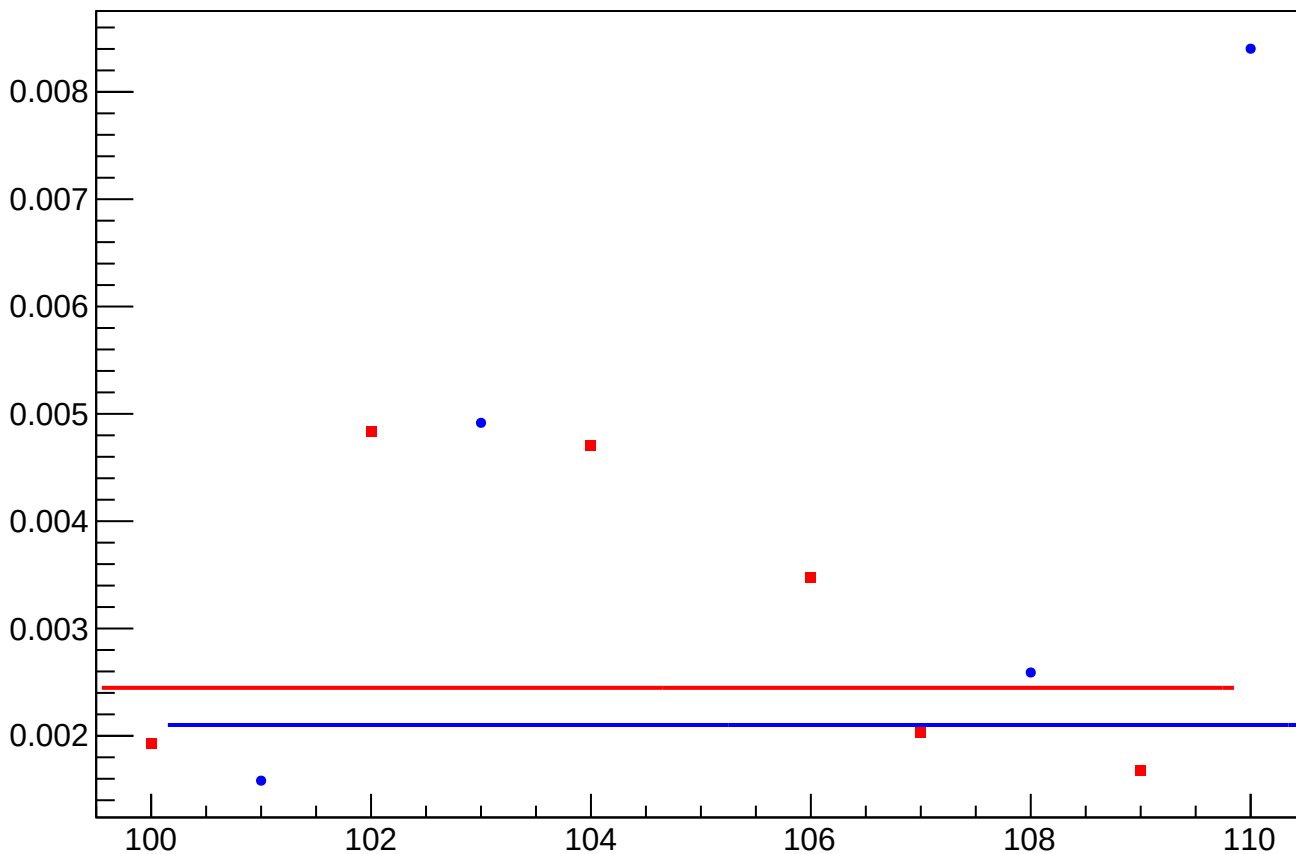
Right: 0.000+/-0.000 χ^2/NDF : 5.1/9

In: 0.000+/-0.000 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.1/9

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 983837.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 809686.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

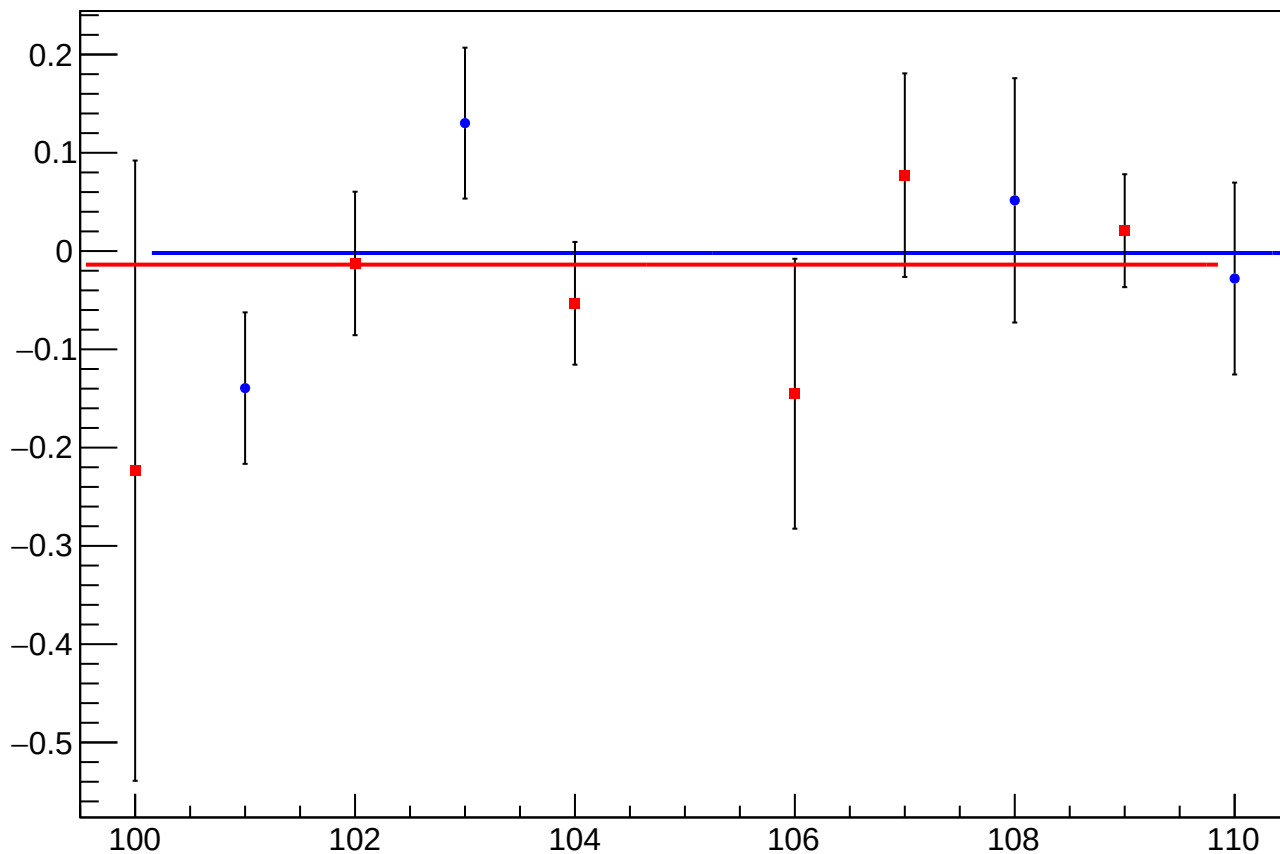
Right: 0.002+/-0.000 χ^2/NDF : 1831876.3/9

In: 0.002+/-0.000 χ^2/NDF : 983837.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1831876.3/9

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.044 χ^2/NDF : 6.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.033 χ^2/NDF : 2.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

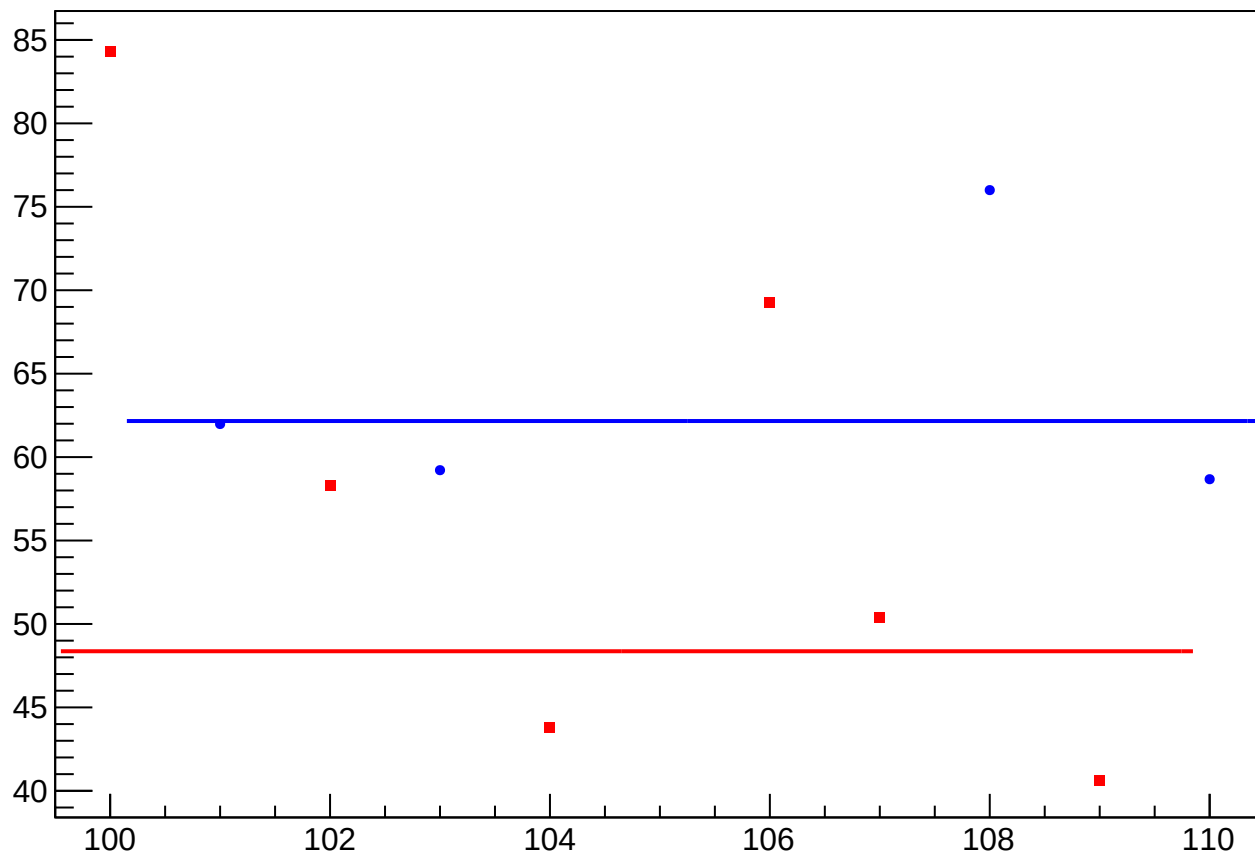
Right: -0.010 ± 0.027 χ^2/NDF : 9.3/9

In: -0.002 ± 0.044 χ^2/NDF : 6.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.027 χ^2/NDF : 9.3/9

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.162+/-0.031 χ^2/NDF : 30295.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.365+/-0.024 χ^2/NDF : 156891.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

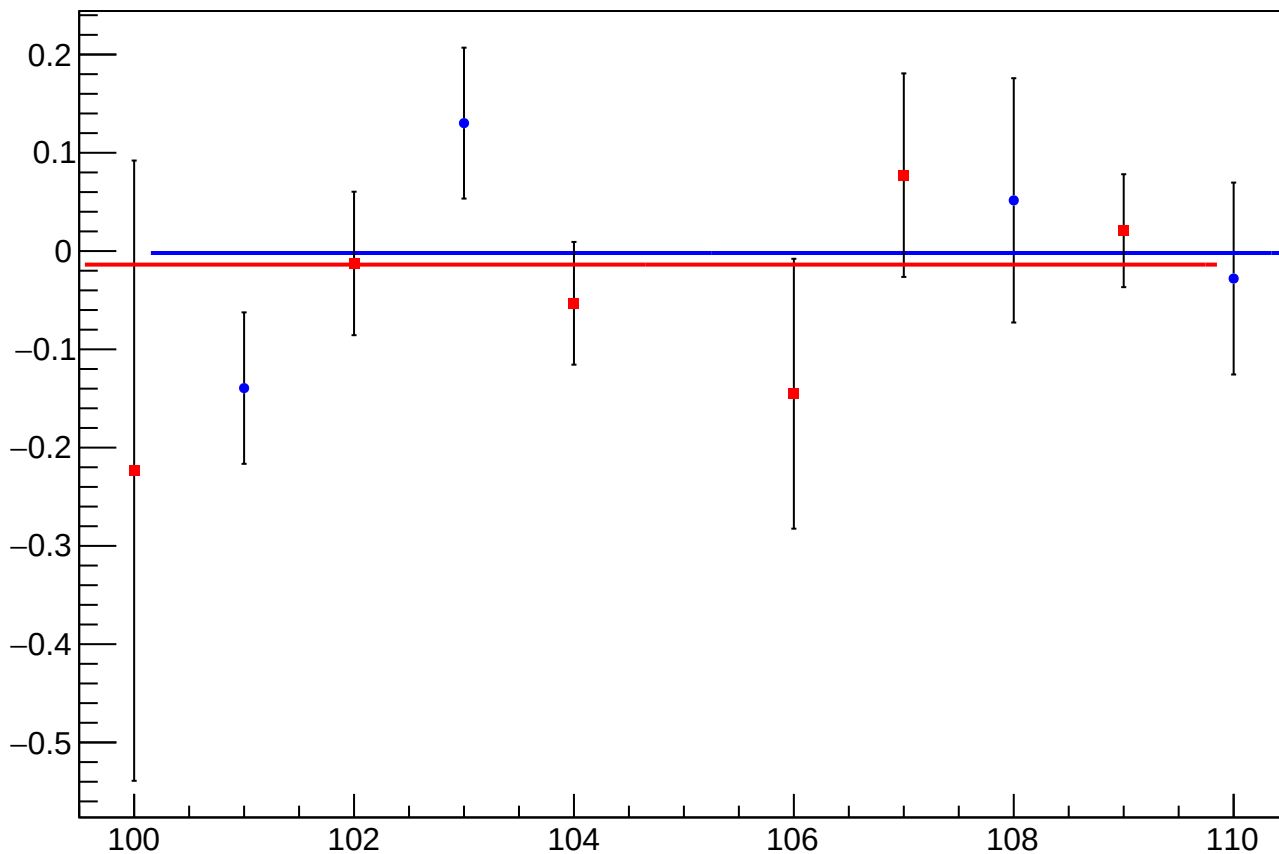
Right: 53.329+/-0.019 χ^2/NDF : 310931.3/9

In: 62.162+/-0.031 χ^2/NDF : 30295.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.329+/-0.019 χ^2/NDF : 310931.3/9

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.044 χ^2 /NDF: 6.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.033 χ^2 /NDF: 2.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

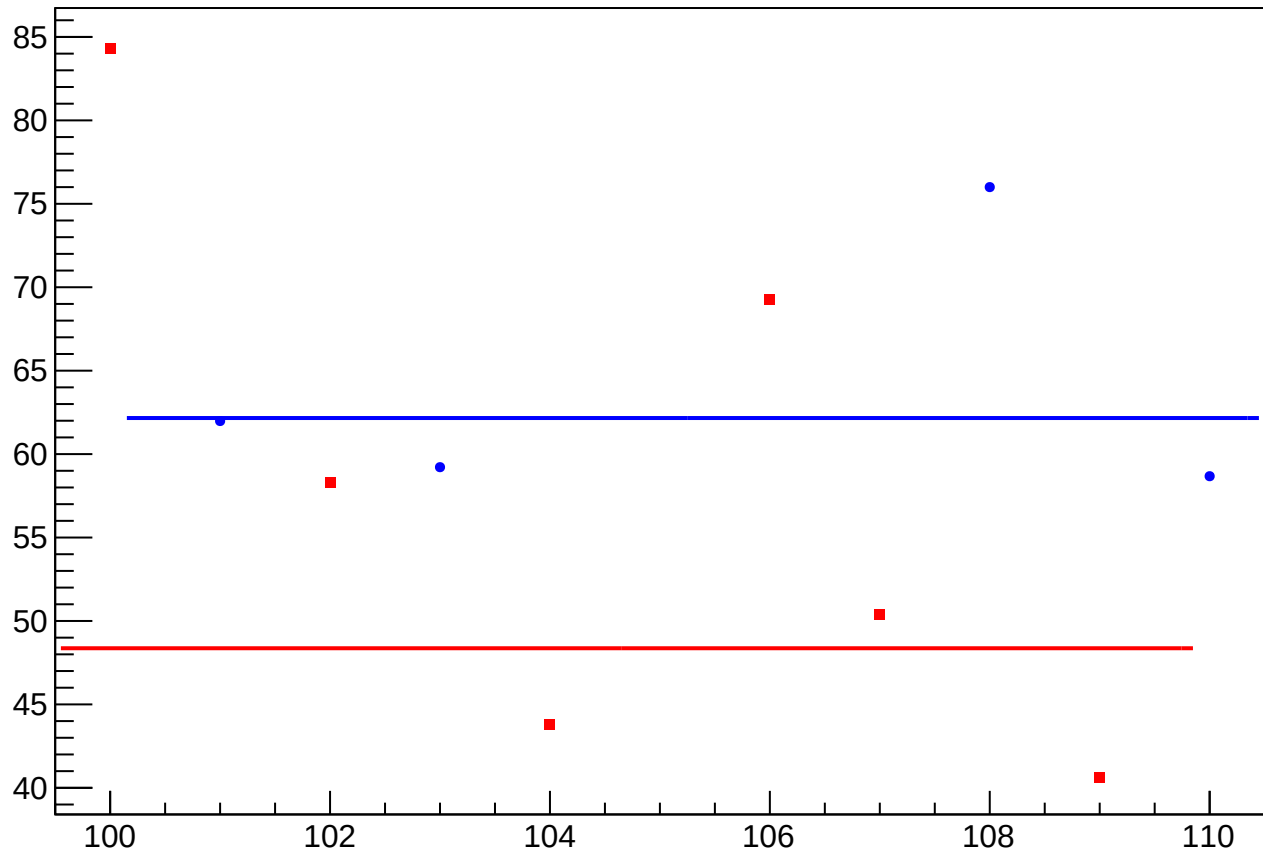
Right: -0.010 $\pm$ 0.027 χ^2 /NDF: 9.3/9

In: -0.002 $\pm$ 0.044 χ^2 /NDF:6.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.027 χ^2 /NDF: 9.3/9

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.162 $\pm$ 0.031 χ^2 /NDF: 30295.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.365 $\pm$ 0.024 χ^2 /NDF: 156891.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

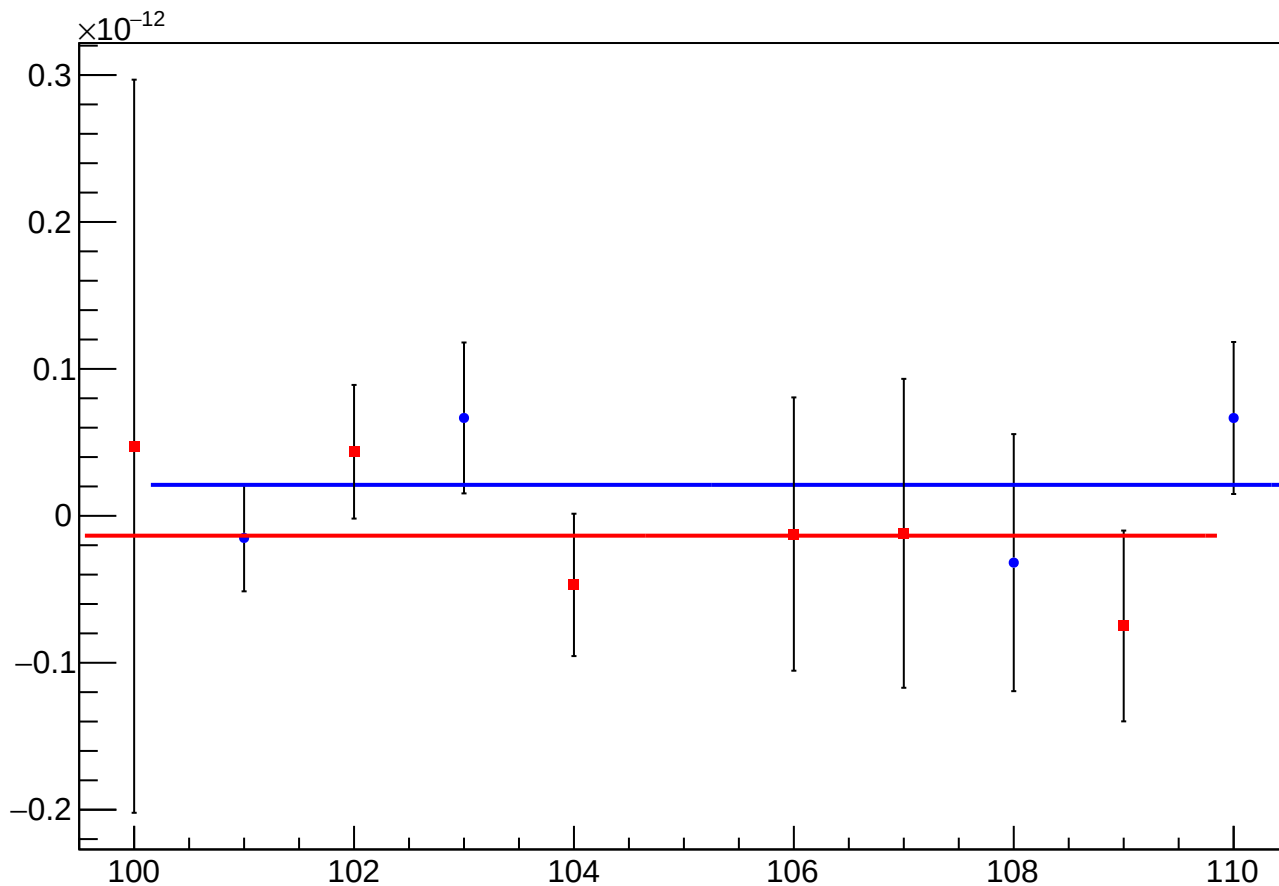
Right: 53.329 $\pm$ 0.019 χ^2 /NDF: 310931.3/9

In: 62.162 $\pm$ 0.031 χ^2 /NDF:30295.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.329 $\pm$ 0.019 χ^2 /NDF: 310931.3/9

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

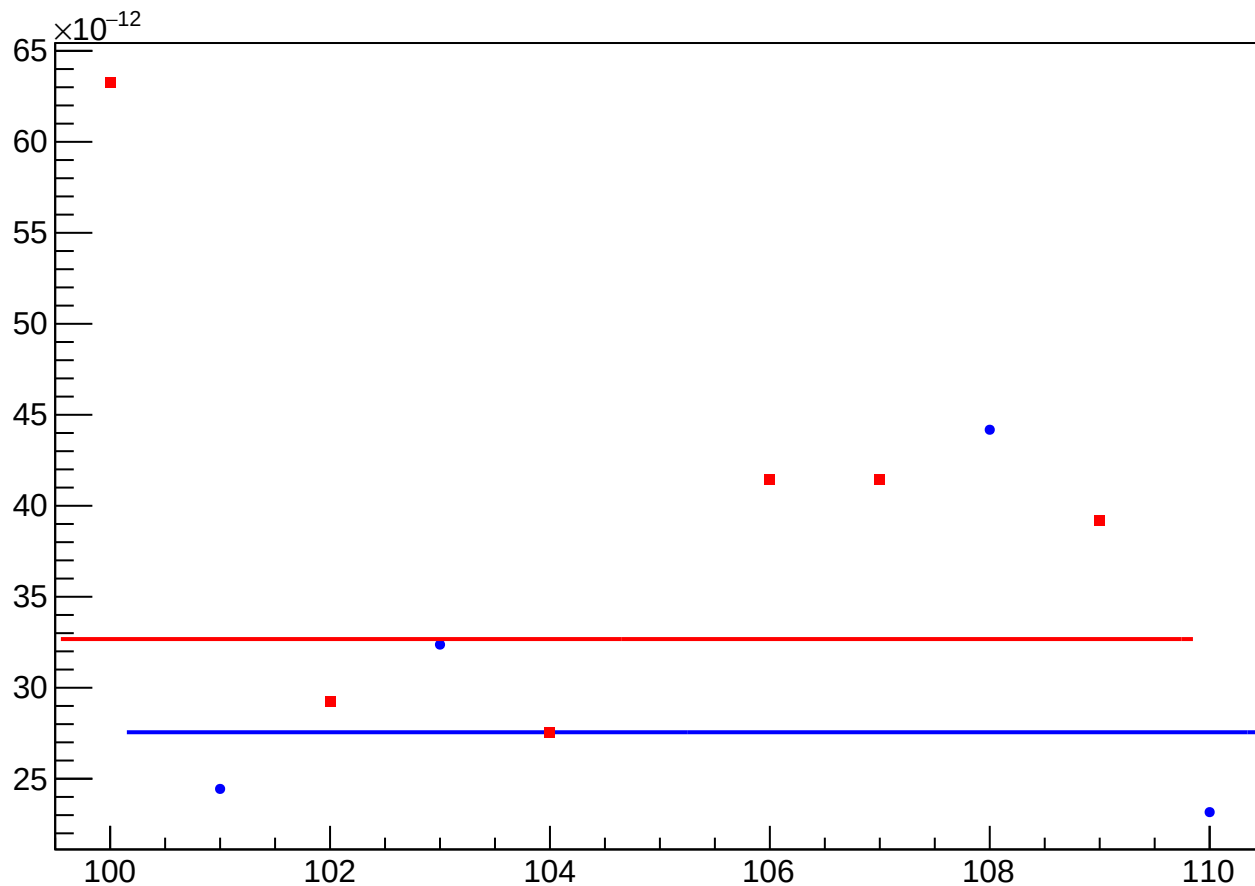
Right: 0.000+/-0.000 χ^2/NDF : 6.8/9

In: 0.000+/-0.000 χ^2/NDF : 2.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.8/9

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 118918.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 115563.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

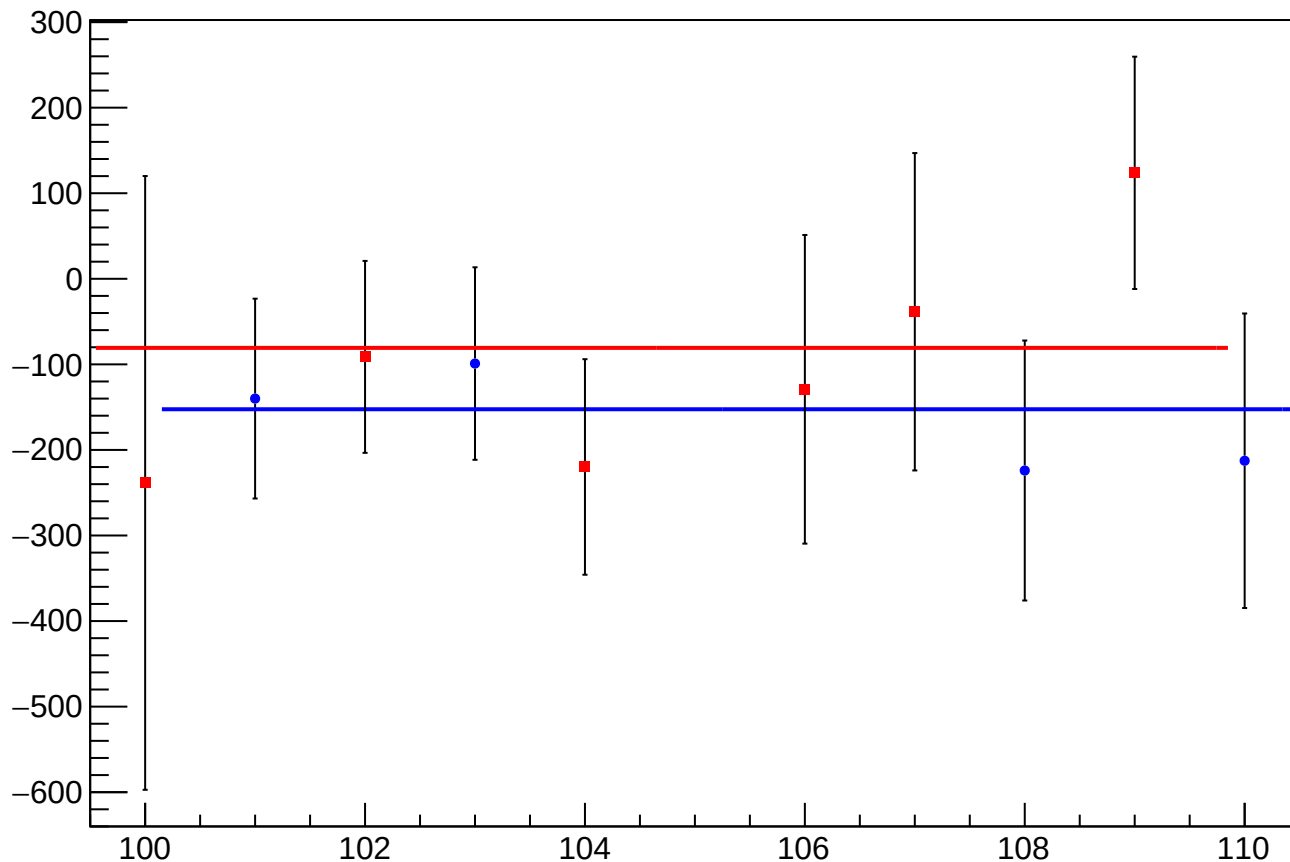
Right: 0.000+/-0.000 χ^2/NDF : 273630.7/9

In: 0.000+/-0.000 χ^2/NDF : 118918.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 273630.7/9

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -152.465 $\pm$ 66.018 χ^2 /NDF: 0.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -80.725 $\pm$ 61.500 χ^2 /NDF: 3.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

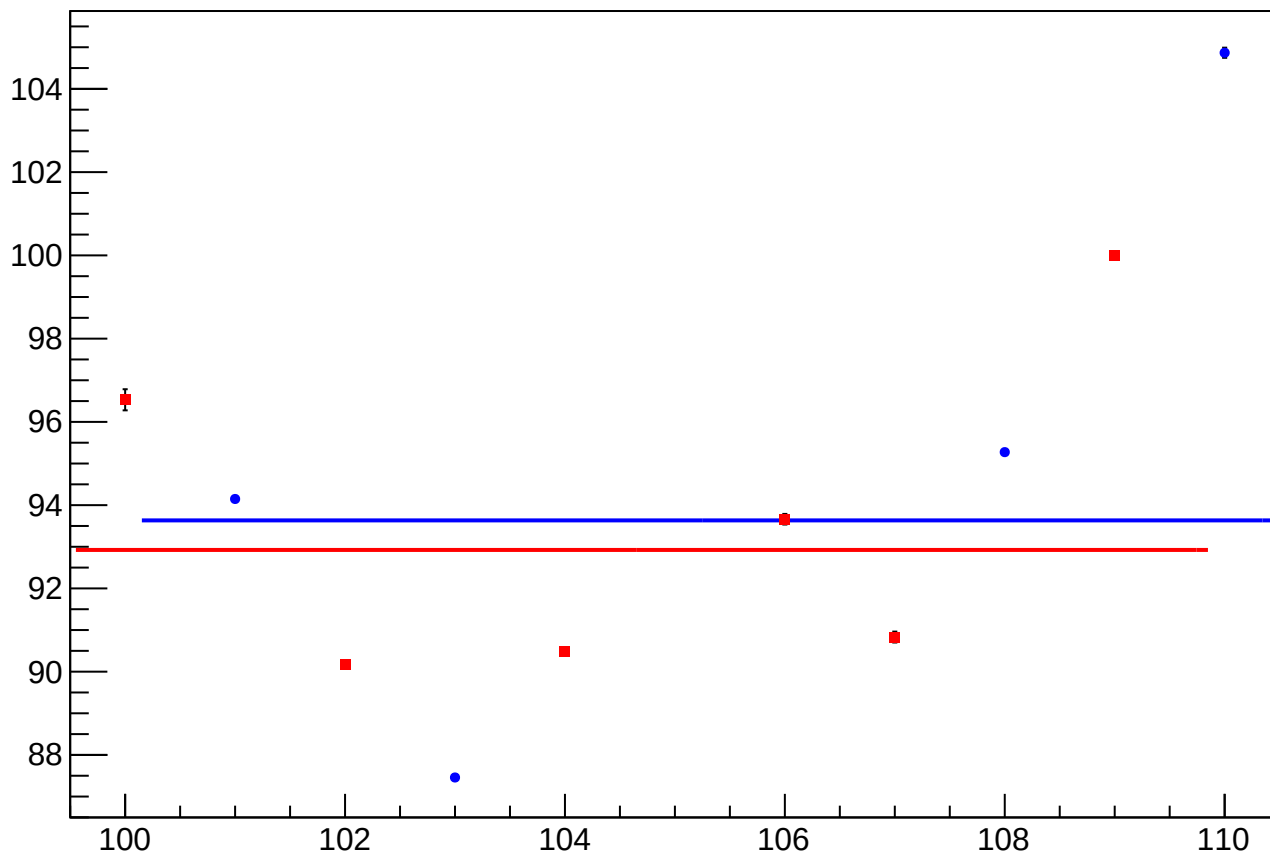
Right: -114.057 $\pm$ 45.000 χ^2 /NDF: 5.0/9

In: -152.465 $\pm$ 66.018 χ^2 /NDF:0.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -114.057 $\pm$ 45.000 χ^2 /NDF: 5.0/9

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 93.634+/-0.047 χ^2/NDF : 14820.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.924+/-0.043 χ^2/NDF : 7887.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

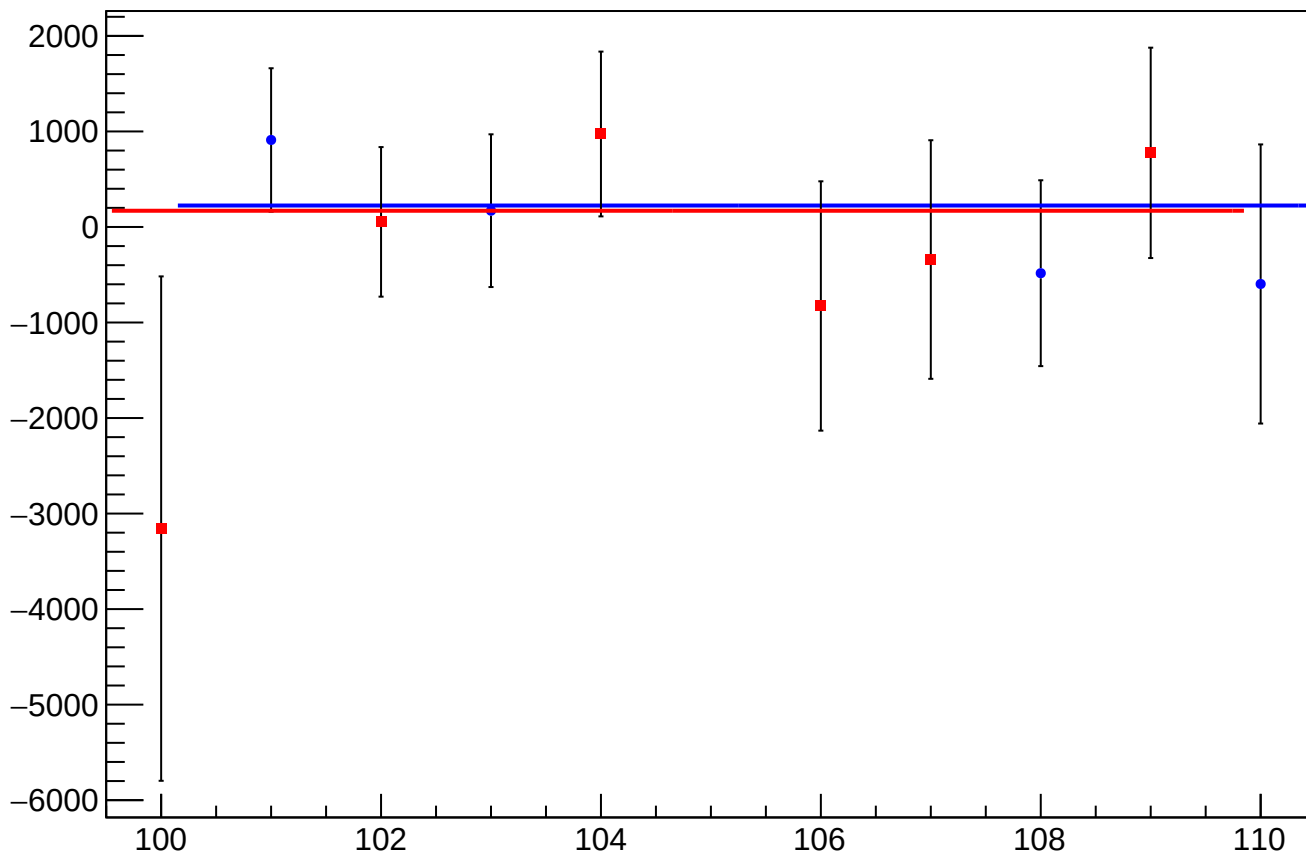
Right: 93.254+/-0.032 χ^2/NDF : 22831.5/9

In: 93.634+/-0.047 χ^2/NDF : 14820.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.254+/-0.032 χ^2/NDF : 22831.5/9

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 224.540+/-453.388 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.815+/-439.689 χ^2/NDF : 3.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

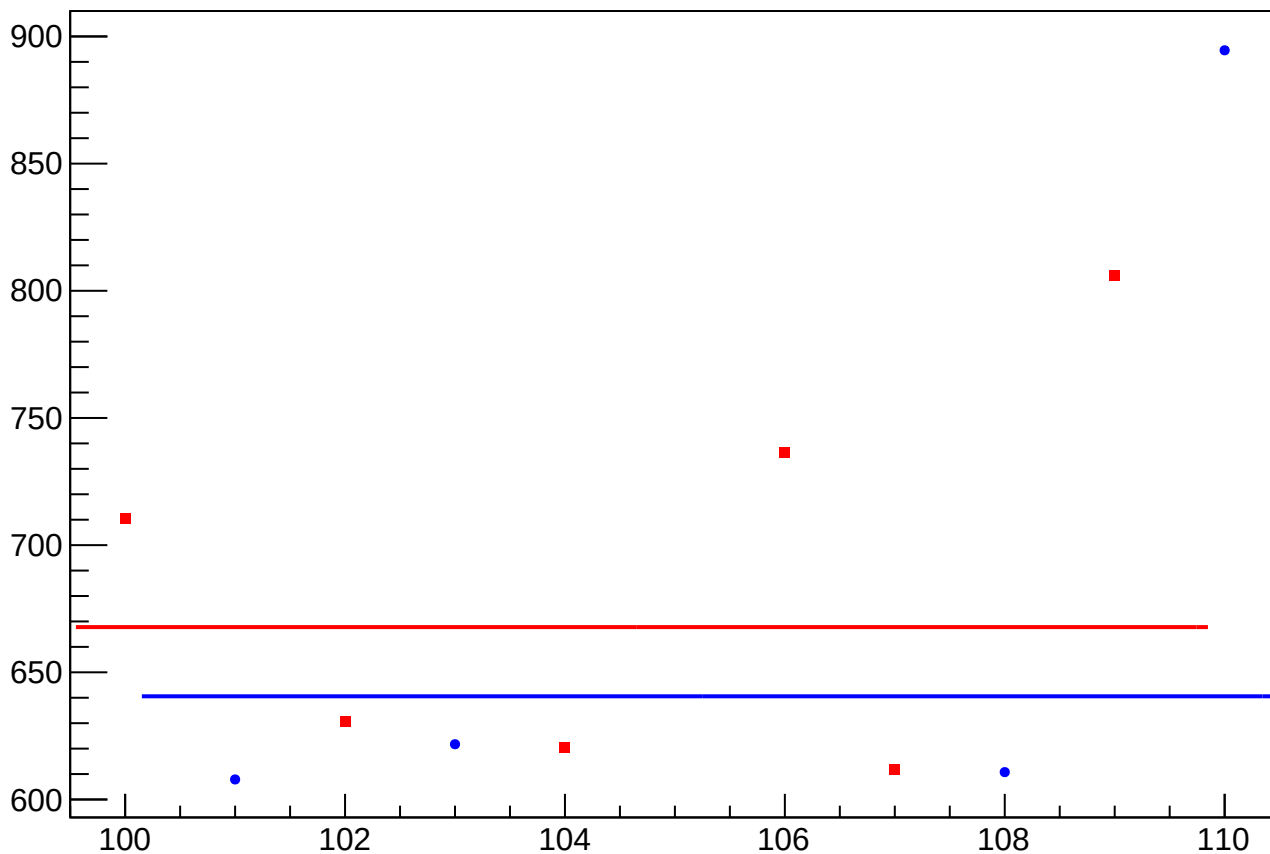
Right: 196.338+/-315.639 χ^2/NDF : 5.2/9

In: 224.540+/-453.388 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.338+/-315.639 χ^2/NDF : 5.2/9

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 640.570+/-0.321 χ^2/NDF : 67232.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 667.779+/-0.311 χ^2/NDF : 52165.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

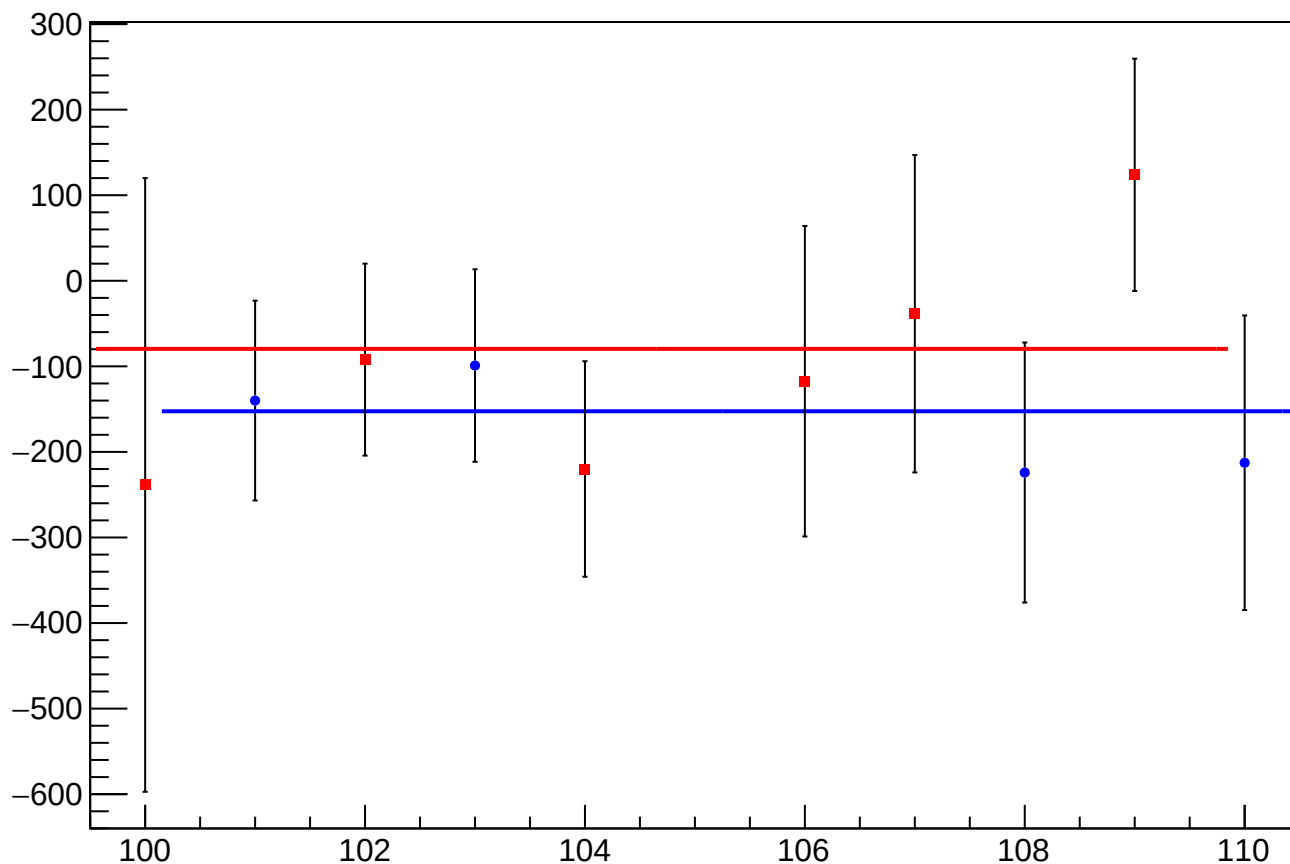
Right: 654.592+/-0.223 χ^2/NDF : 123109.1/9

In: 640.570+/-0.321 χ^2/NDF : 67232.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 654.592+/-0.223 χ^2/NDF : 123109.1/9

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -152.470 ± 66.018 $\chi^2/\text{NDF}: 0.6/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -79.585 ± 61.547 $\chi^2/\text{NDF}: 3.8/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

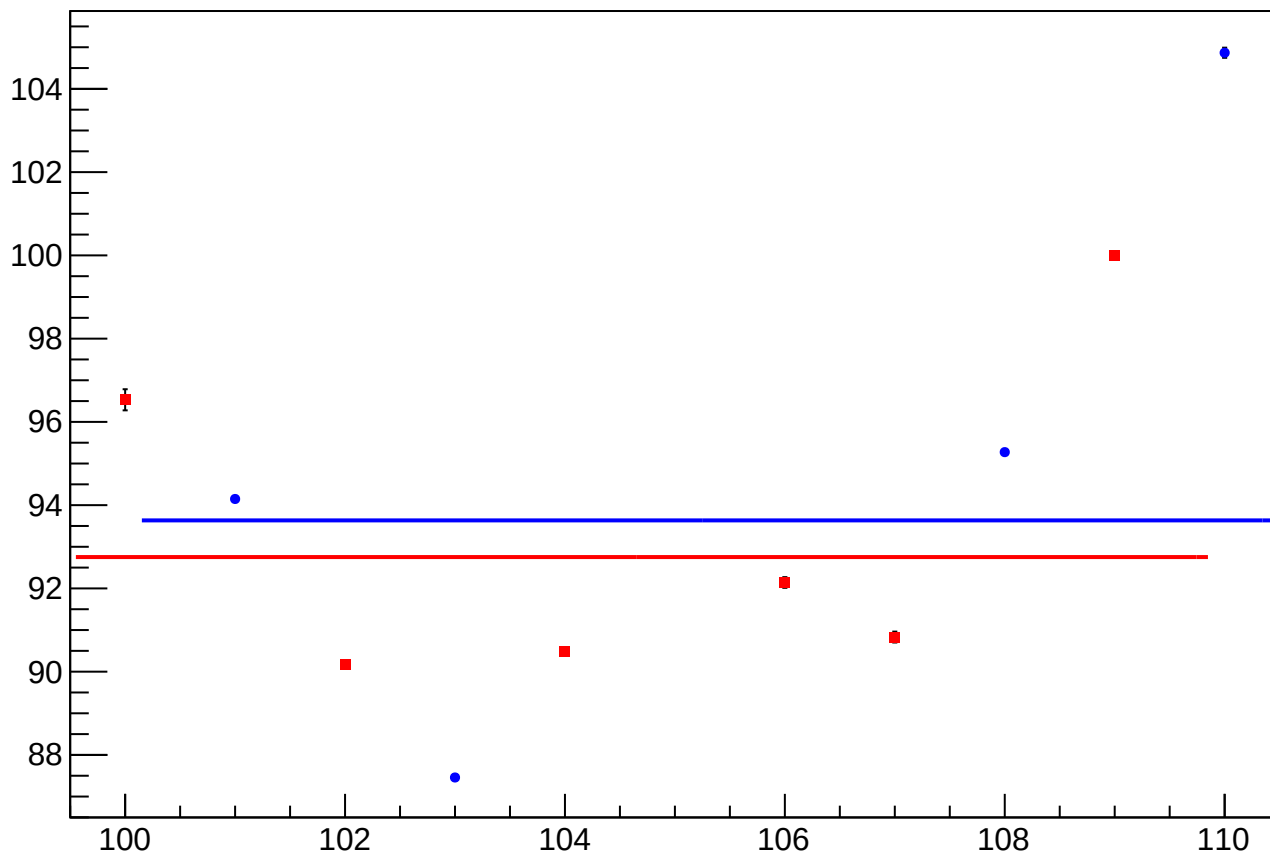
Right: -113.476 ± 45.018 $\chi^2/\text{NDF}: 5.0/9$

In: -152.470 ± 66.018 $\chi^2/\text{NDF}: 0.6/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -113.476 ± 45.018 $\chi^2/\text{NDF}: 5.0/9$

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 93.634+/-0.047 χ^2/NDF : 14820.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.753+/-0.044 χ^2/NDF : 7862.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

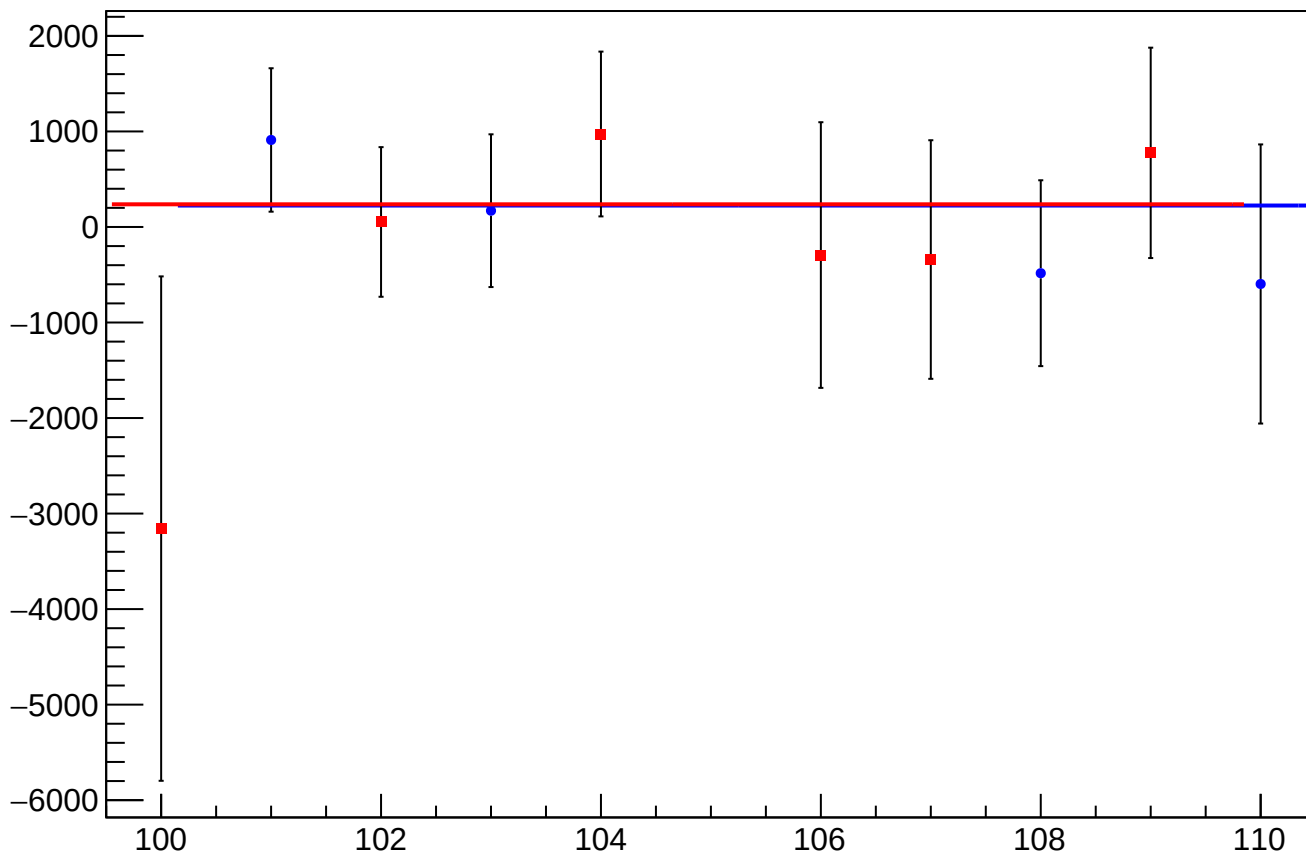
Right: 93.163+/-0.032 χ^2/NDF : 22872.6/9

In: 93.634+/-0.047 χ^2/NDF : 14820.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.163+/-0.032 χ^2/NDF : 22872.6/9

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 224.501+/-453.391 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.250+/-442.747 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

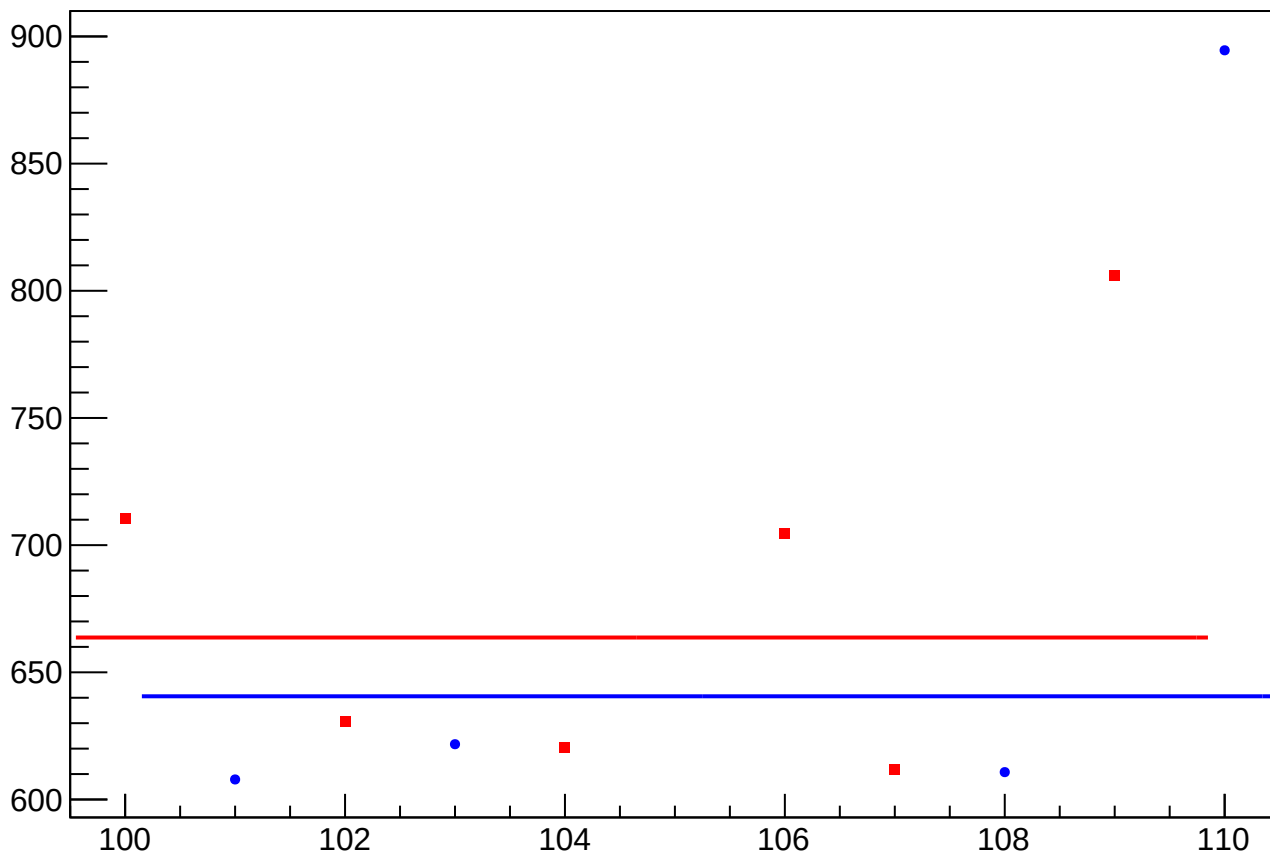
Right: 231.027+/-316.766 χ^2/NDF : 4.7/9

In: 224.501+/-453.391 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.027+/-316.766 χ^2/NDF : 4.7/9

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 640.575+/-0.321 χ^2/NDF : 67230.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 663.683+/-0.313 χ^2/NDF : 47779.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

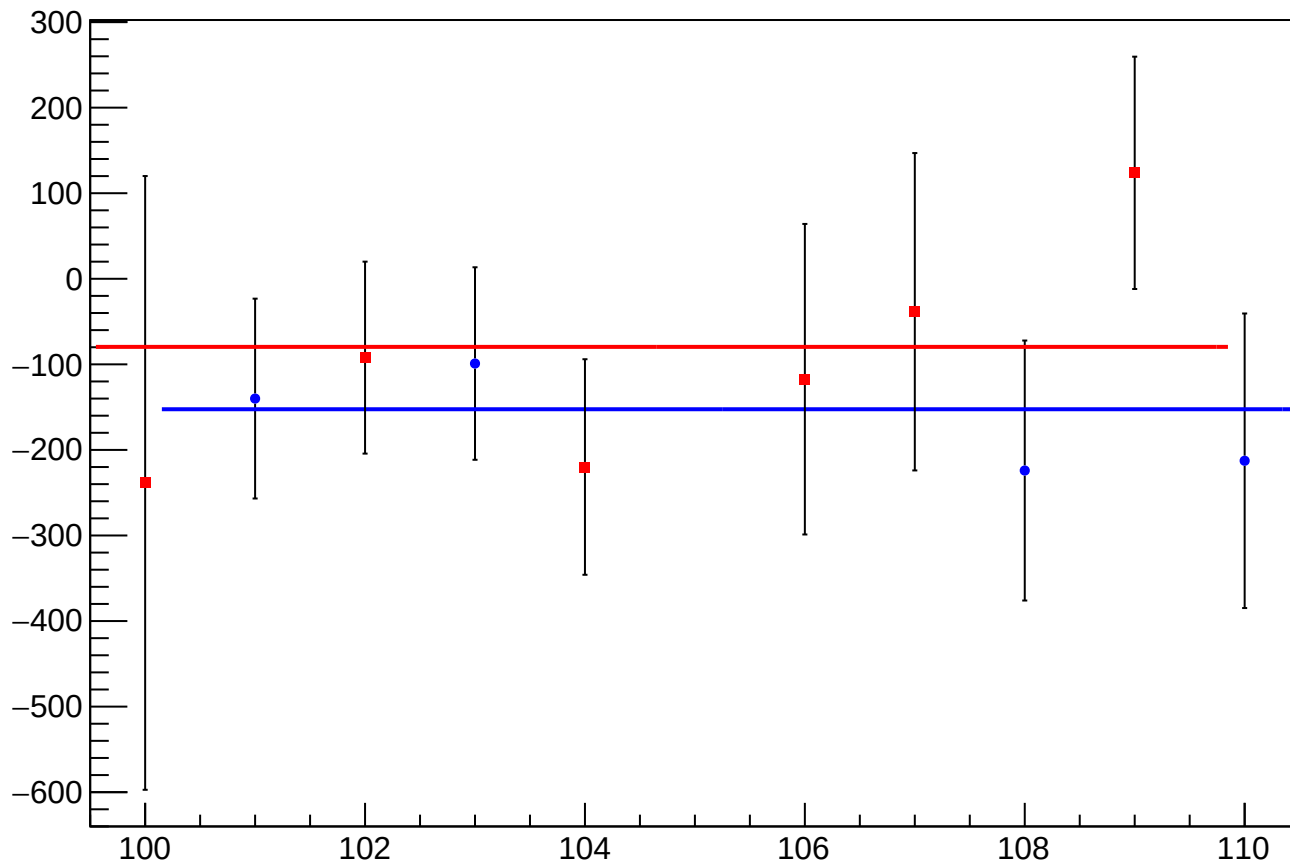
Right: 652.403+/-0.224 χ^2/NDF : 117669.9/9

In: 640.575+/-0.321 χ^2/NDF : 67230.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.403+/-0.224 χ^2/NDF : 117669.9/9

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -152.470+/-66.018 χ^2/NDF : 0.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.585+/-61.547 χ^2/NDF : 3.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

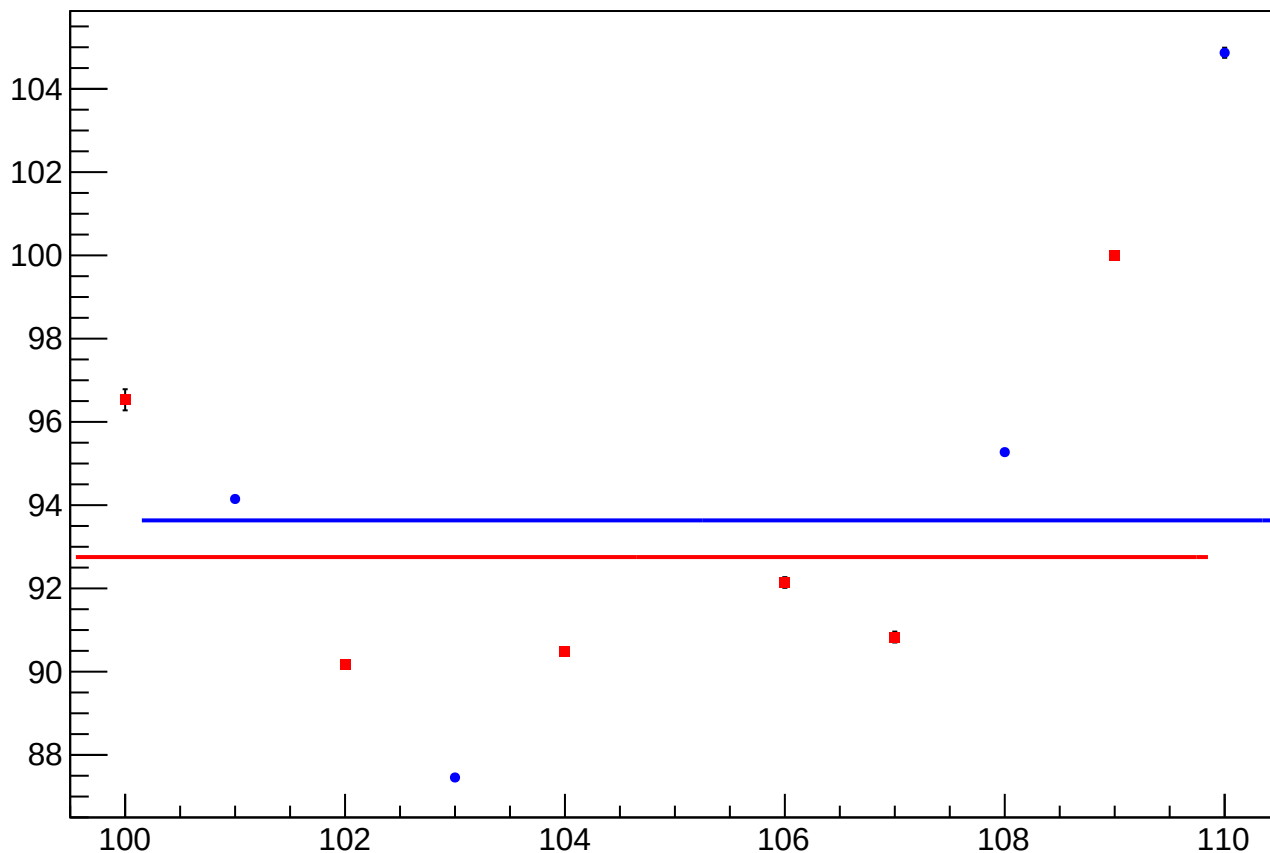
Right: -113.476+/-45.018 χ^2/NDF : 5.0/9

In: -152.470+/-66.018 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -113.476+/-45.018 χ^2/NDF : 5.0/9

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 93.634+/-0.047 χ^2/NDF : 14820.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.753+/-0.044 χ^2/NDF : 7862.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

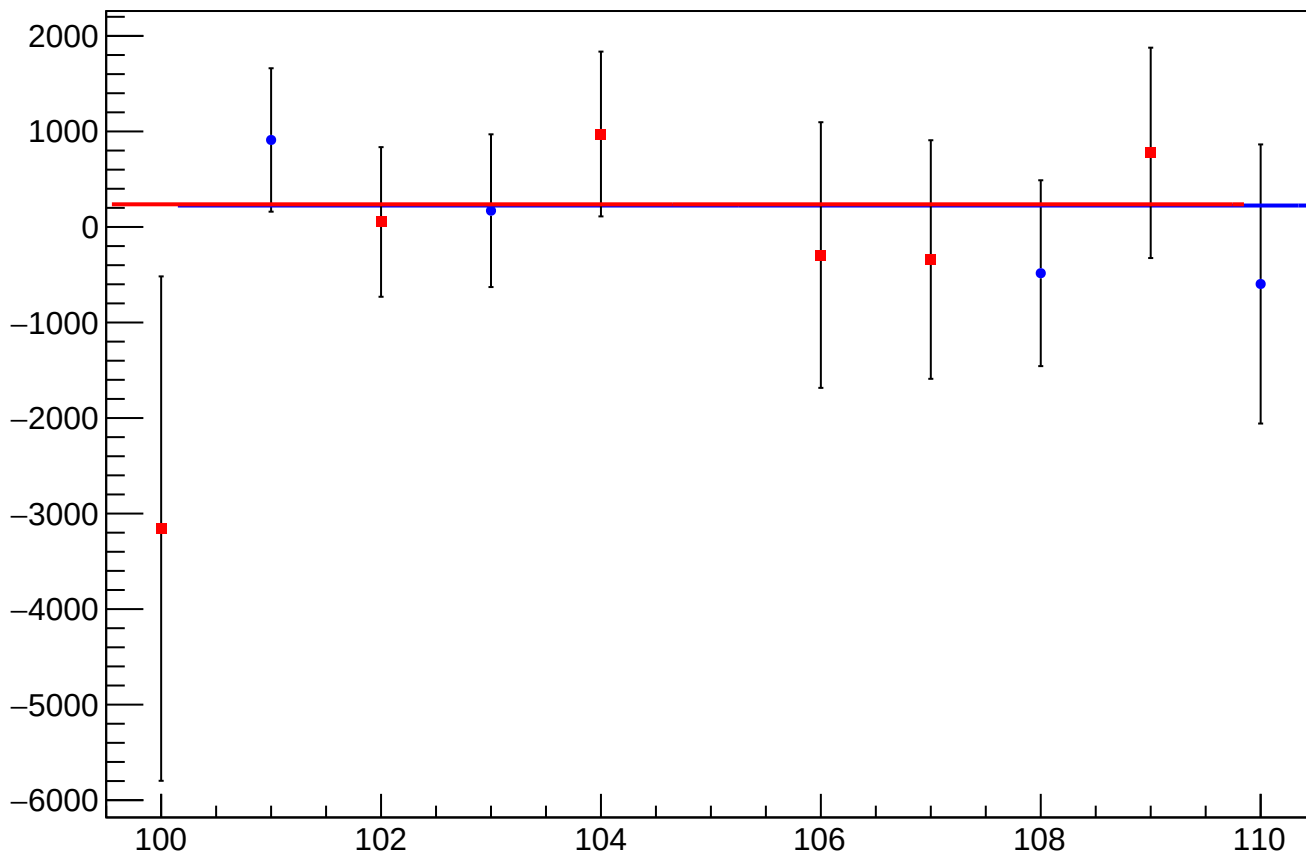
Right: 93.163+/-0.032 χ^2/NDF : 22872.6/9

In: 93.634+/-0.047 χ^2/NDF : 14820.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.163+/-0.032 χ^2/NDF : 22872.6/9

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 224.501+/-453.391 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.250+/-442.747 χ^2/NDF : 3.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

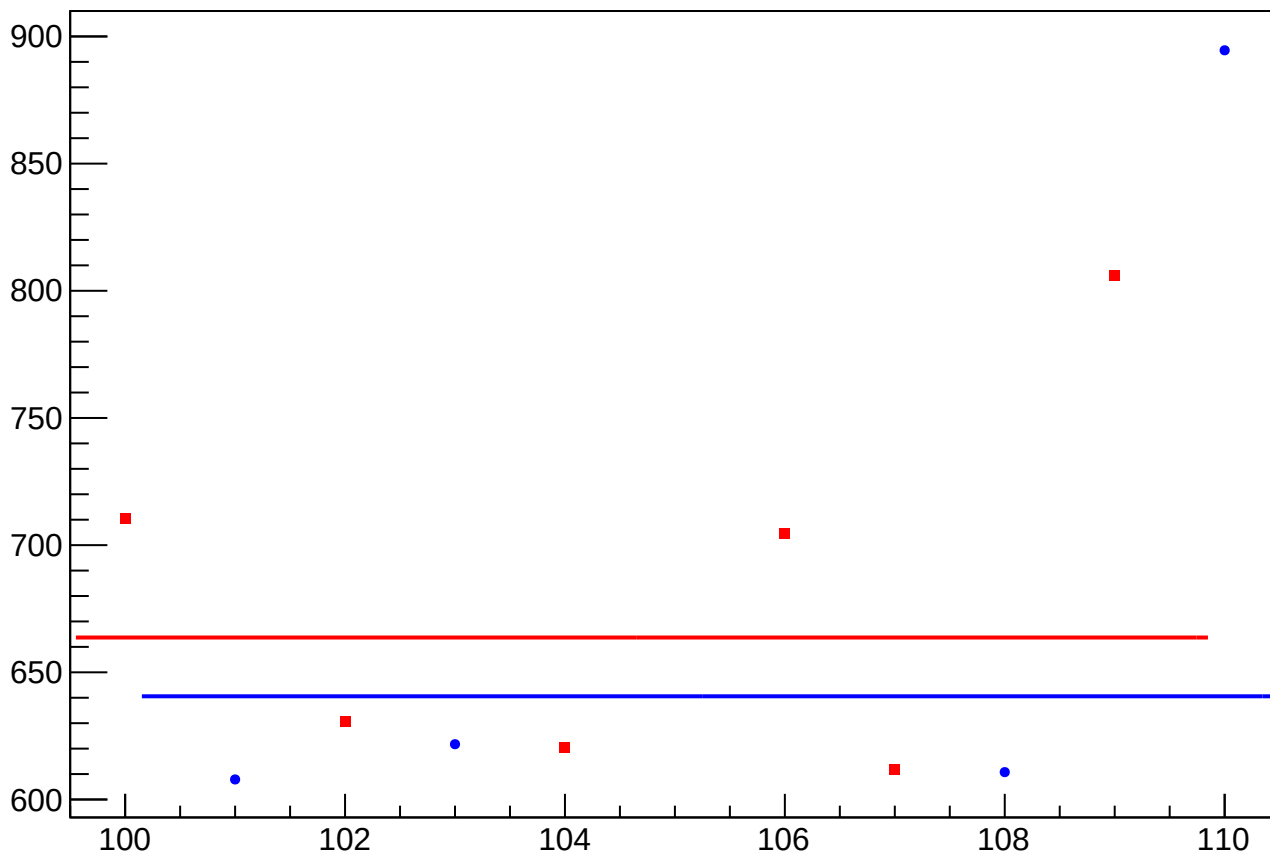
Right: 231.027+/-316.766 χ^2/NDF : 4.7/9

In: 224.501+/-453.391 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.027+/-316.766 χ^2/NDF : 4.7/9

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 640.575+/-0.321 χ^2/NDF : 67230.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 663.683+/-0.313 χ^2/NDF : 47779.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

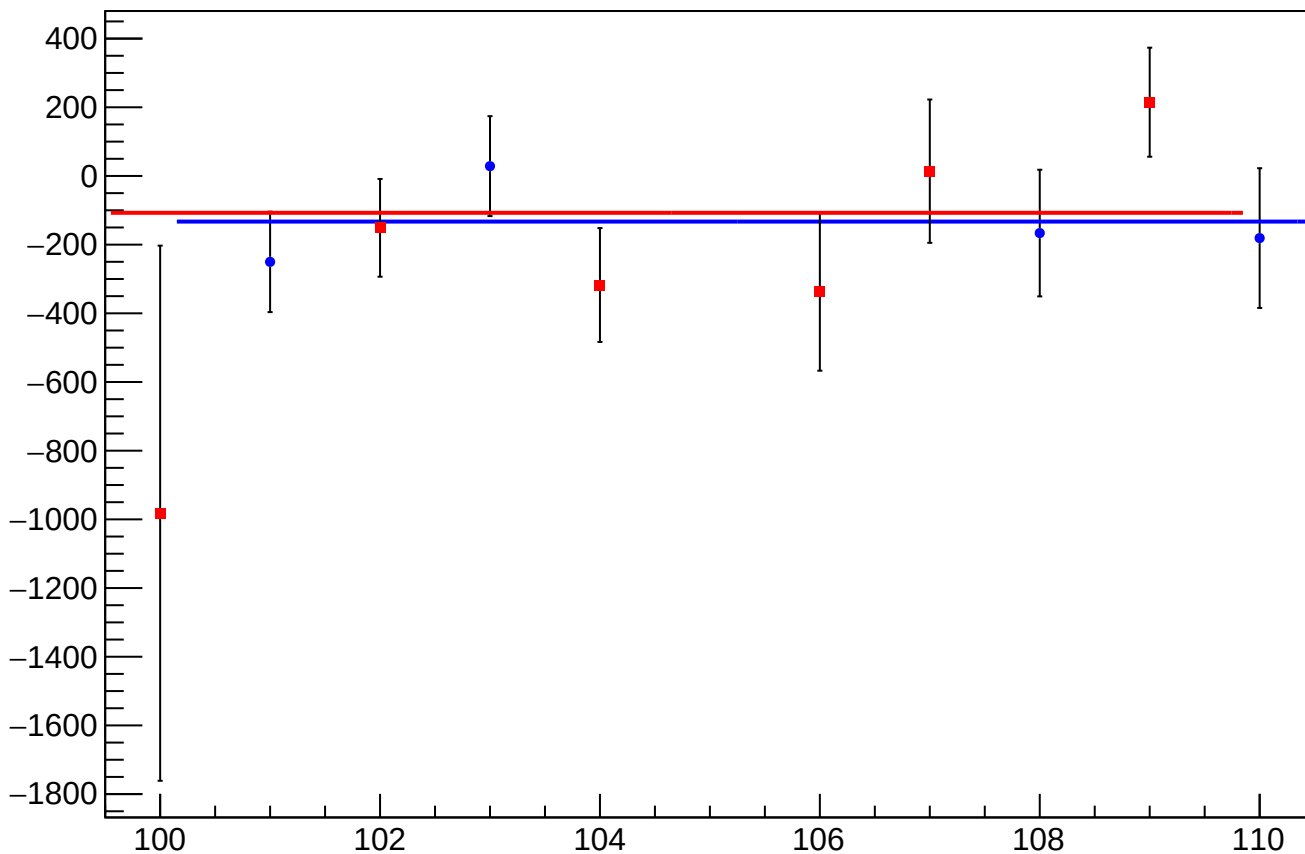
Right: 652.403+/-0.224 χ^2/NDF : 117669.9/9

In: 640.575+/-0.321 χ^2/NDF : 67230.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.403+/-0.224 χ^2/NDF : 117669.9/9

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -132.854 ± 82.315 $\chi^2/\text{NDF}: 2.0/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -107.305 ± 76.962 $\chi^2/\text{NDF}: 8.4/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

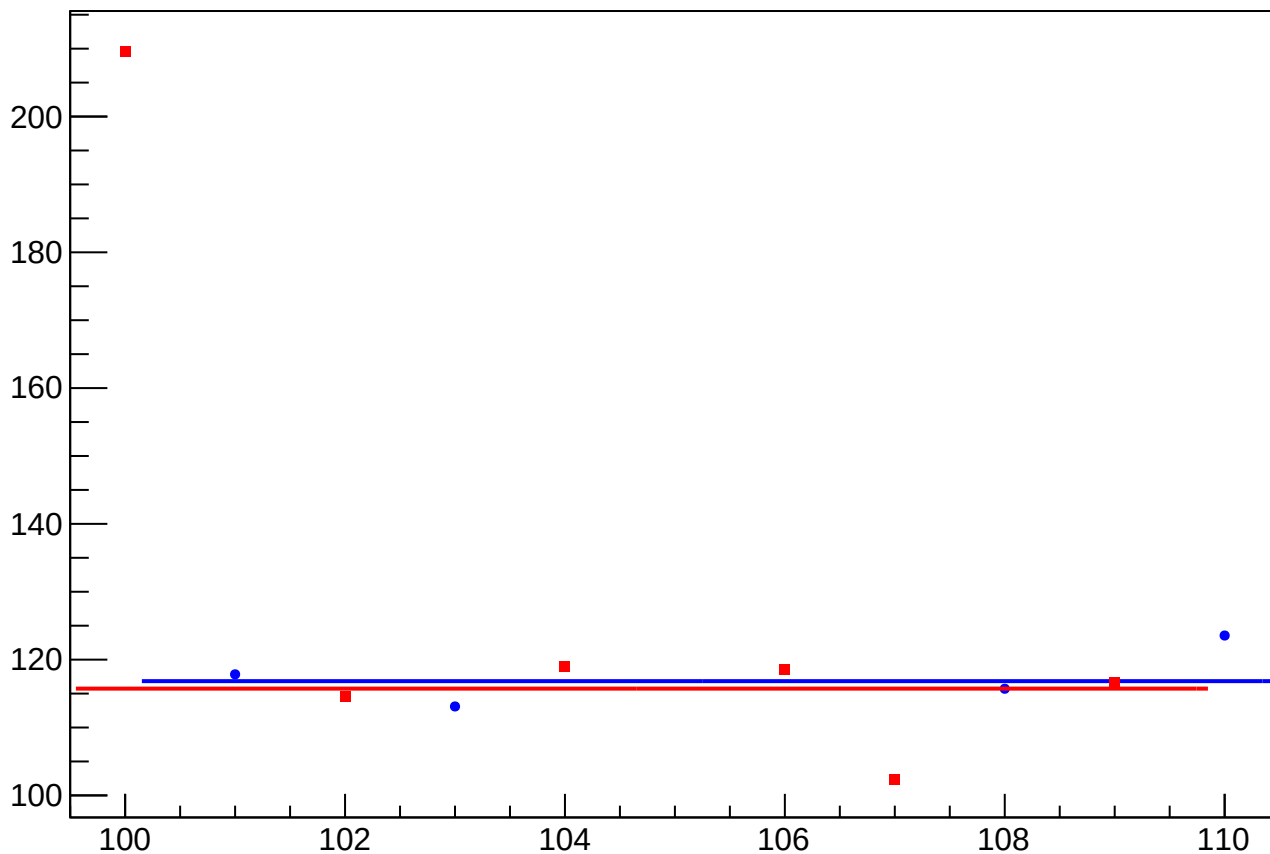
Right: -119.222 ± 56.218 $\chi^2/\text{NDF}: 10.4/9$

In: -132.854 ± 82.315 $\chi^2/\text{NDF}: 2.0/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -119.222 ± 56.218 $\chi^2/\text{NDF}: 10.4/9$

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 116.833+/-0.058 χ^2/NDF : 3663.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.731+/-0.054 χ^2/NDF : 38614.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

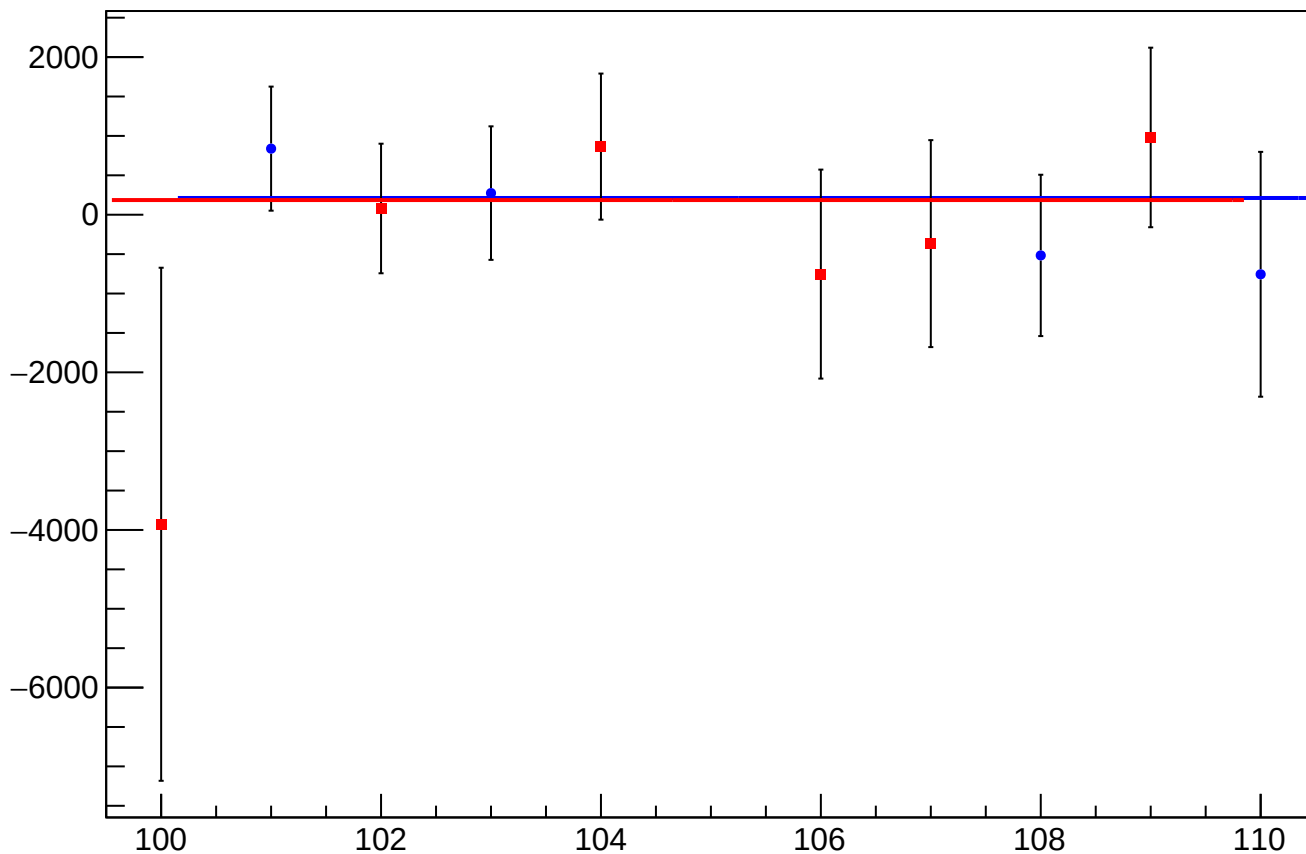
Right: 116.245+/-0.040 χ^2/NDF : 42468.9/9

In: 116.833+/-0.058 χ^2/NDF : 3663.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.245+/-0.040 χ^2/NDF : 42468.9/9

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 212.372+/-478.016 χ^2/NDF : 1.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.081+/-463.347 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

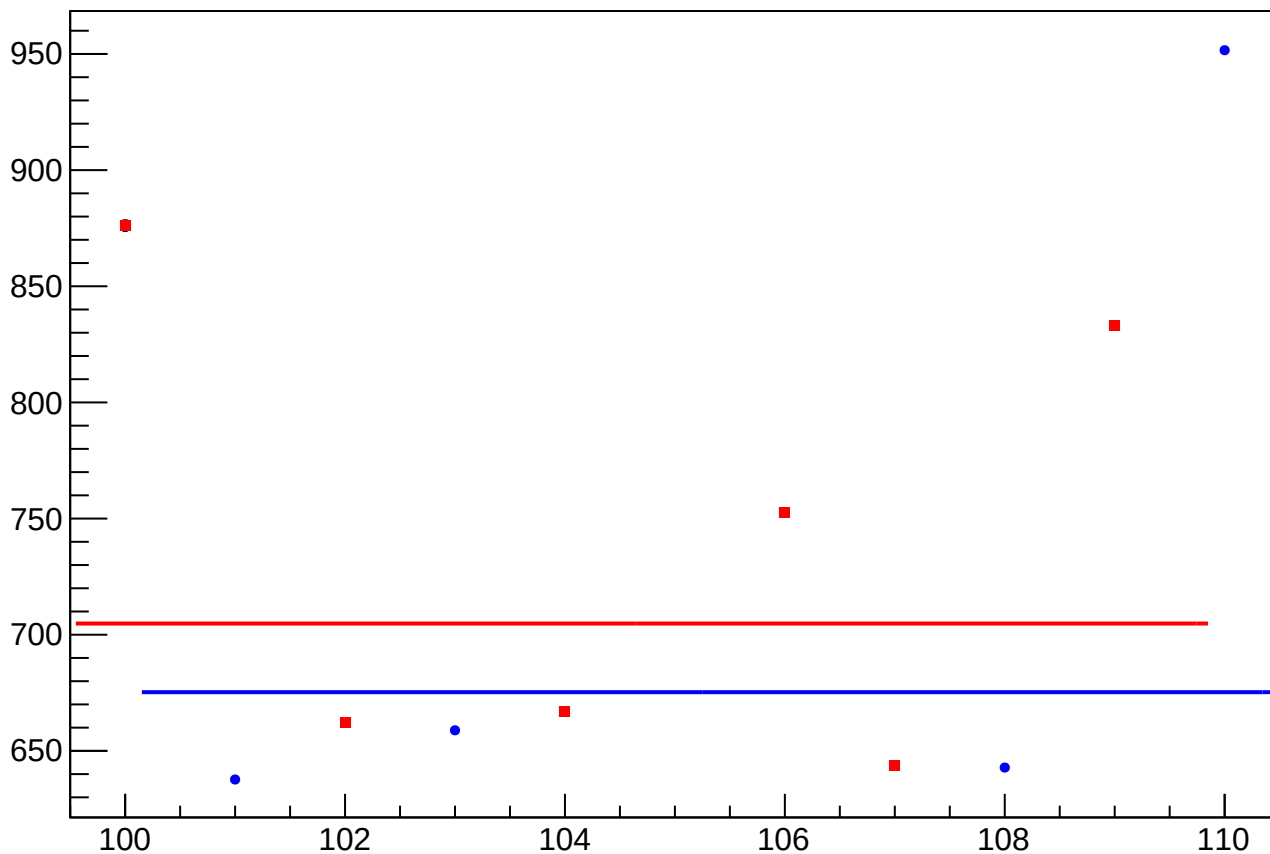
Right: 198.817+/-332.701 χ^2/NDF : 4.9/9

In: 212.372+/-478.016 χ^2/NDF : 1.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.817+/-332.701 χ^2/NDF : 4.9/9

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 675.271+/-0.338 χ^2/NDF : 70620.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 704.820+/-0.328 χ^2/NDF : 46532.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

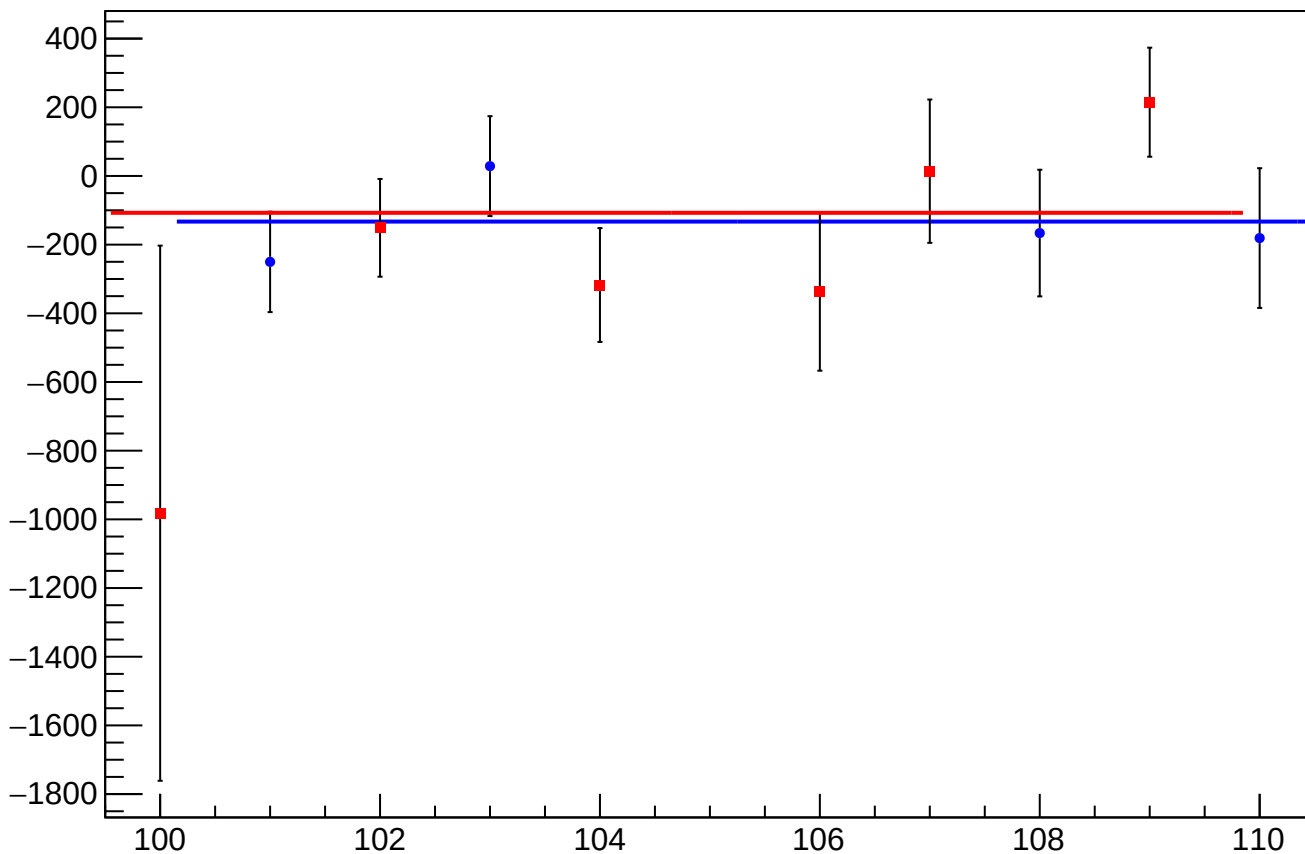
Right: 690.506+/-0.235 χ^2/NDF : 121093.0/9

In: 675.271+/-0.338 χ^2/NDF : 70620.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 690.506+/-0.235 χ^2/NDF : 121093.0/9

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -132.848+/-82.314 χ^2/NDF : 2.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -107.306+/-76.962 χ^2/NDF : 8.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

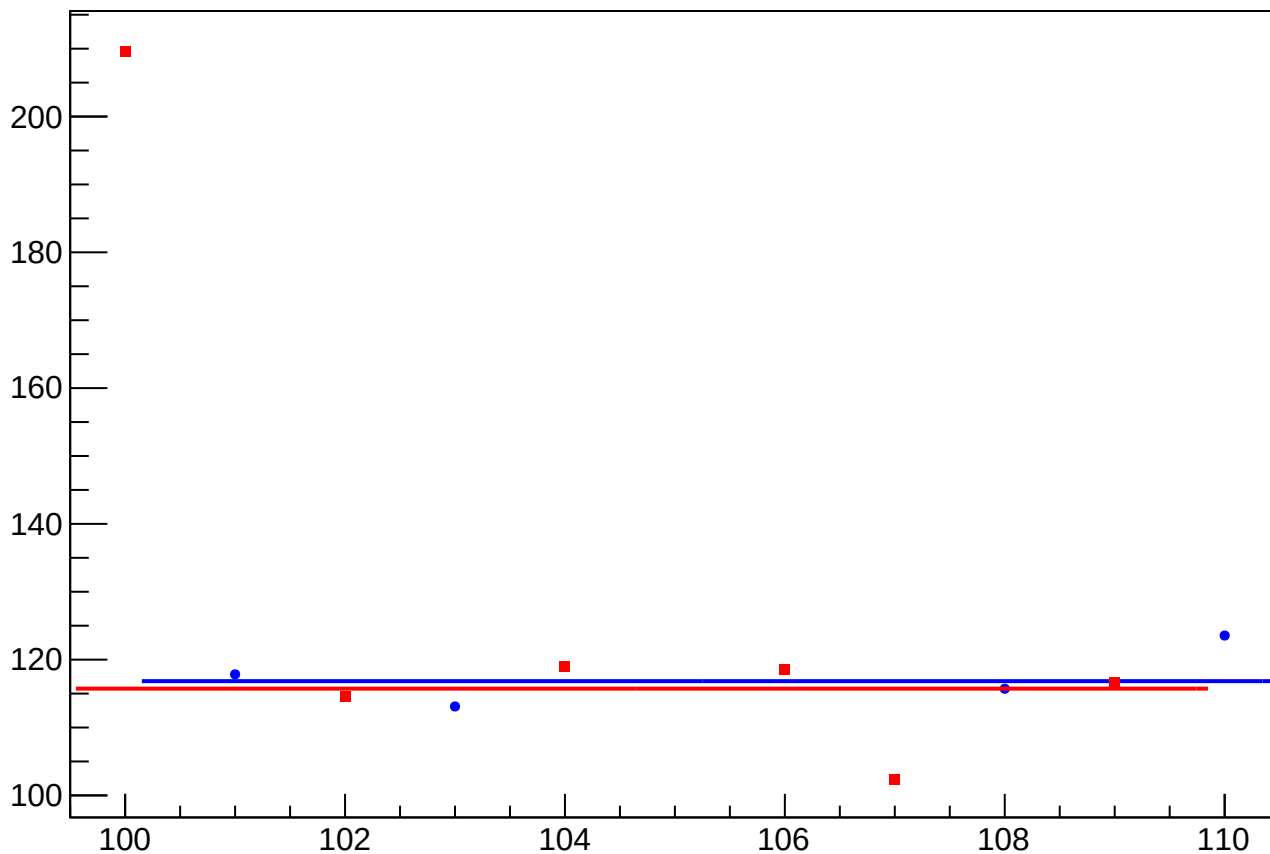
Right: -119.220+/-56.217 χ^2/NDF : 10.4/9

In: -132.848+/-82.314 χ^2/NDF : 2.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.220+/-56.217 χ^2/NDF : 10.4/9

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 116.832 $\pm$ 0.058 χ^2 /NDF: 3662.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.731 $\pm$ 0.054 χ^2 /NDF: 38614.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

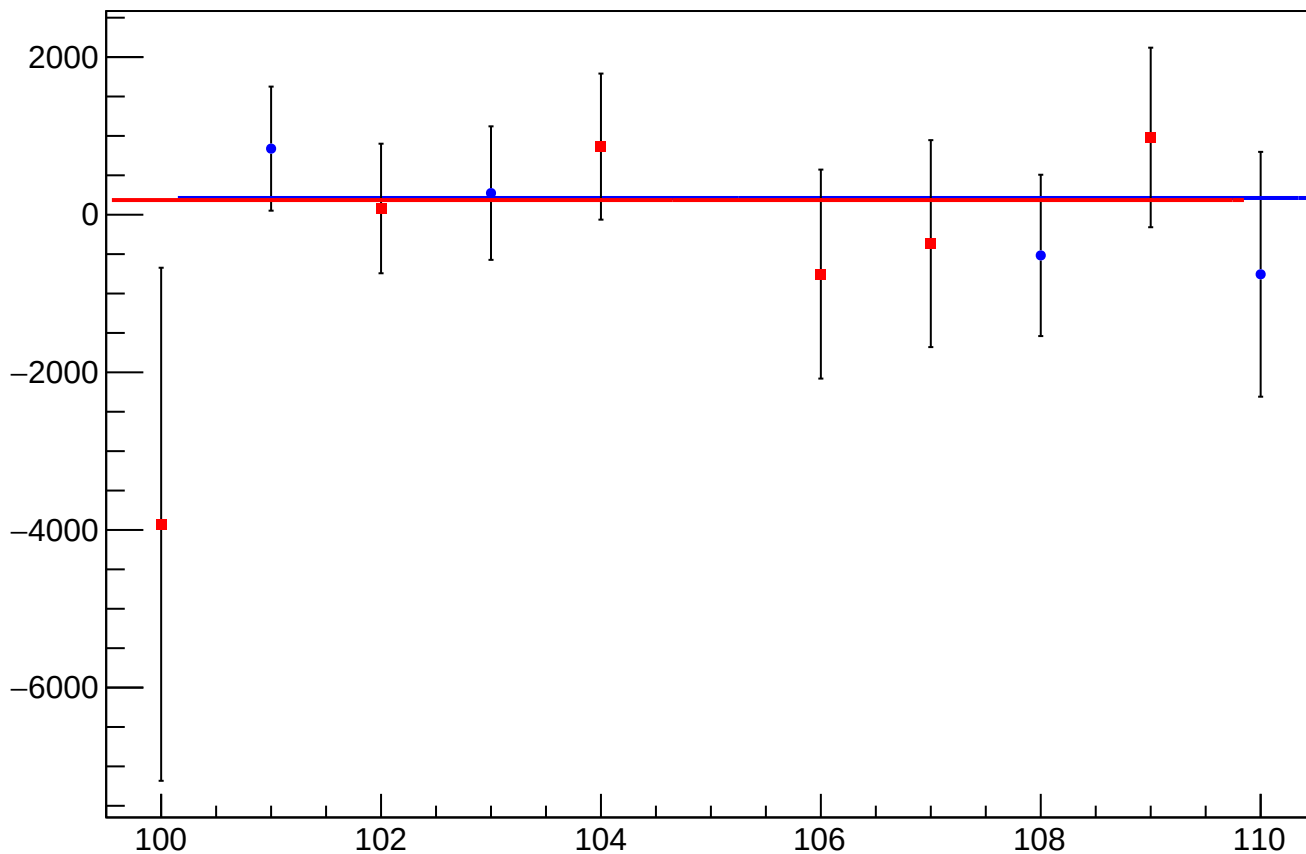
Right: 116.244 $\pm$ 0.040 χ^2 /NDF: 42467.8/9

In: 116.832 $\pm$ 0.058 χ^2 /NDF:3662.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 116.244 $\pm$ 0.040 χ^2 /NDF: 42467.8/9

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 212.375+/-478.015 χ^2/NDF : 1.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.081+/-463.346 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

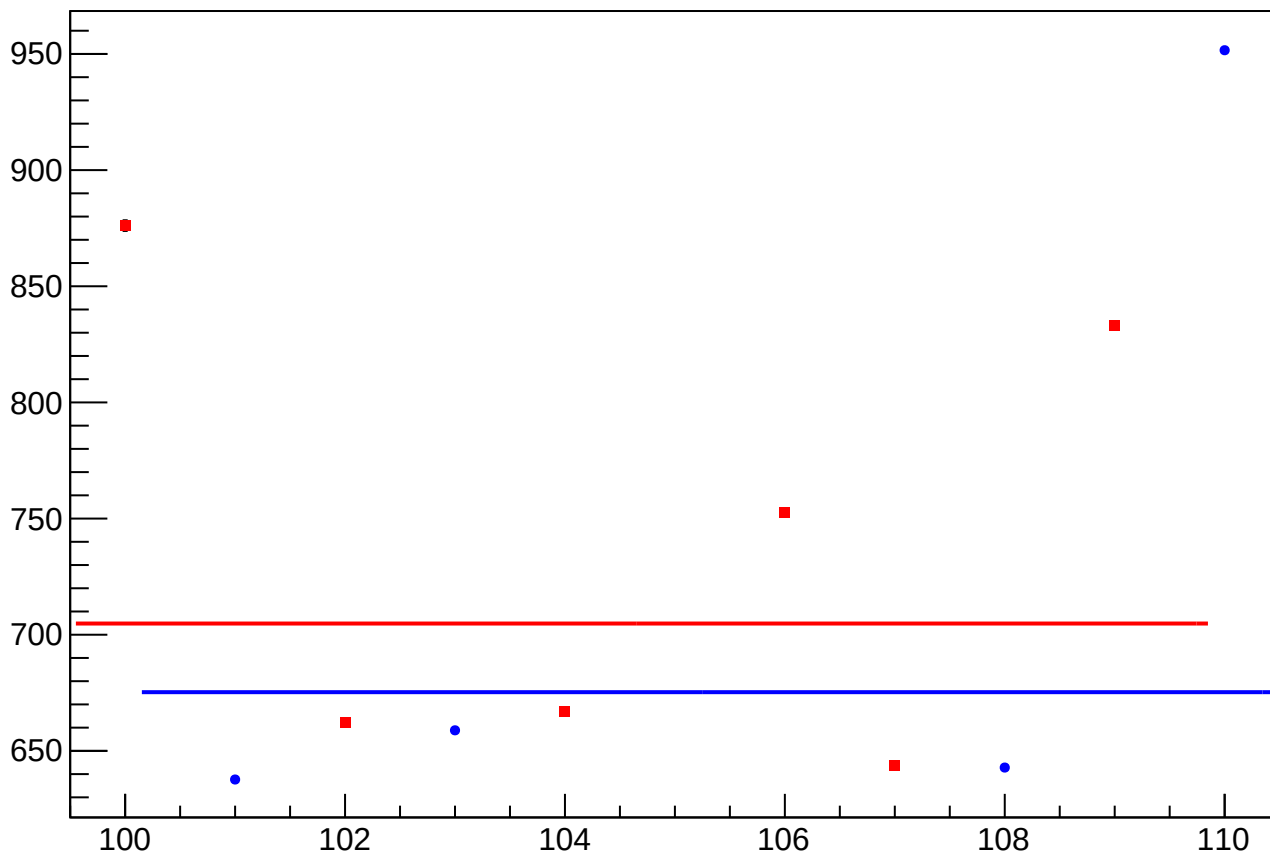
Right: 198.818+/-332.700 χ^2/NDF : 4.9/9

In: 212.375+/-478.015 χ^2/NDF : 1.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.818+/-332.700 χ^2/NDF : 4.9/9

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 675.270+/-0.338 χ^2/NDF : 70618.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 704.819+/-0.328 χ^2/NDF : 46532.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

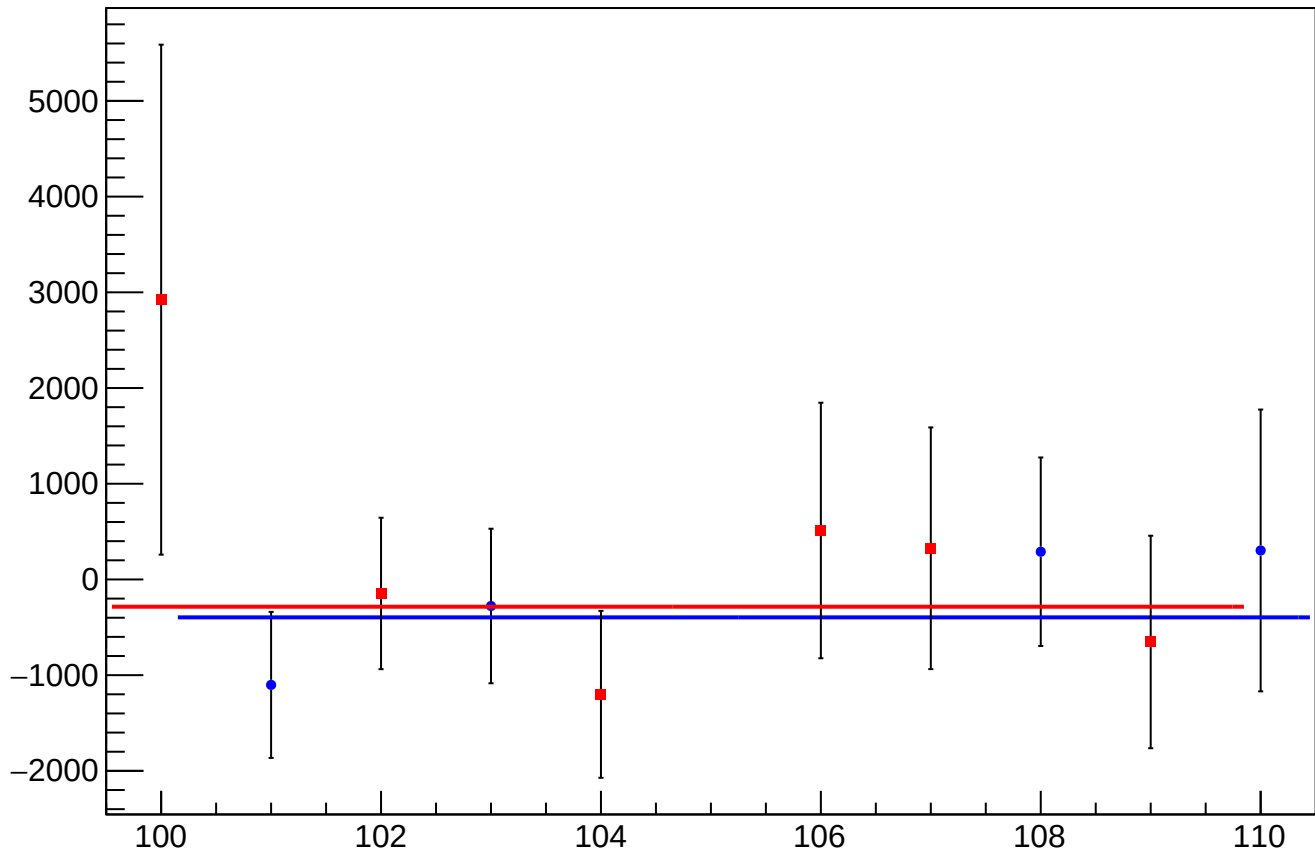
Right: 690.505+/-0.235 χ^2/NDF : 121091.2/9

In: 675.270+/-0.338 χ^2/NDF : 70618.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 690.505+/-0.235 χ^2/NDF : 121091.2/9

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -396.193+/-459.084 χ^2 /NDF: 1.6/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -284.924+/-444.801 χ^2 /NDF: 3.3/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

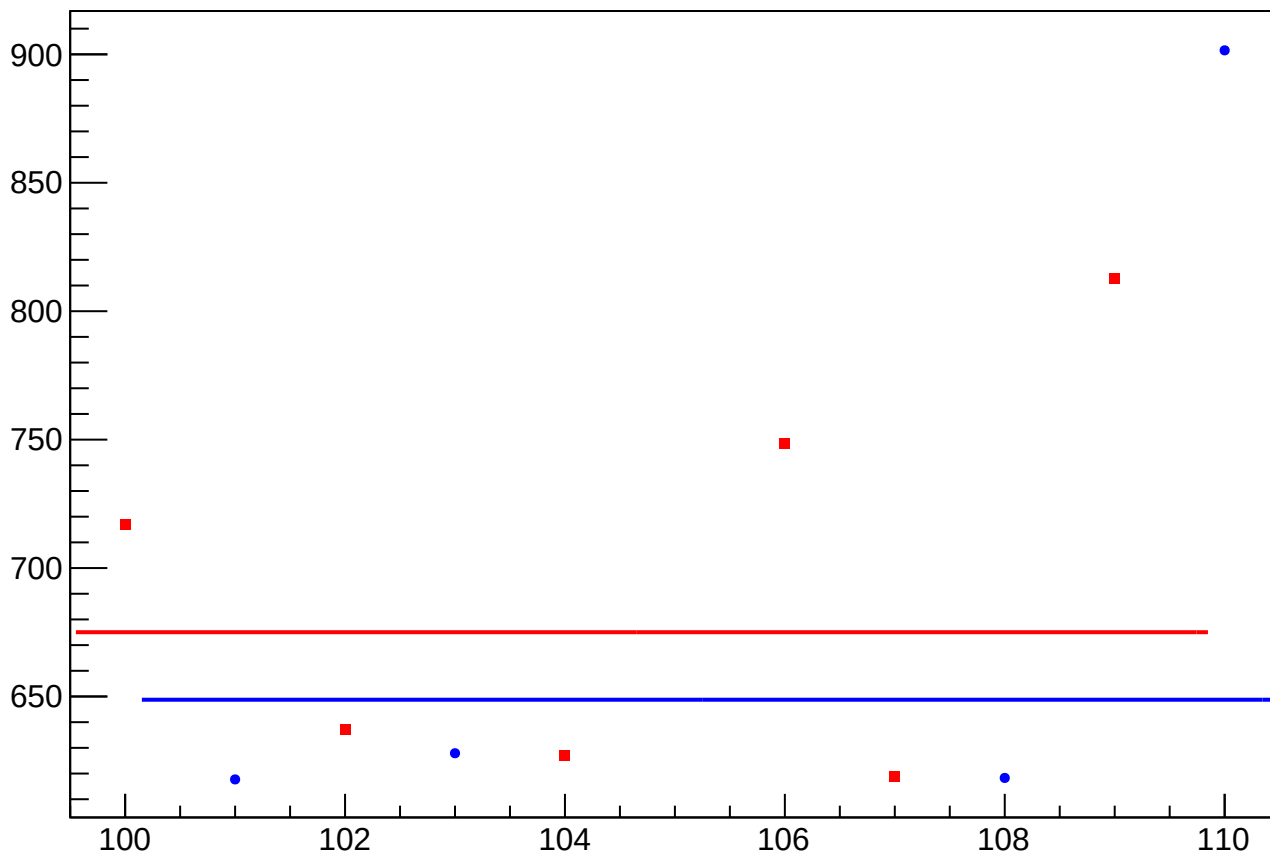
Right: -338.801+/-319.452 χ^2 /NDF: 4.9/9

In: -396.193+/-459.084 χ^2 /NDF:1.6/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -338.801+/-319.452 χ^2 /NDF: 4.9/9

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 648.739+/-0.325 χ^2/NDF : 65532.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 675.028+/-0.315 χ^2/NDF : 52003.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

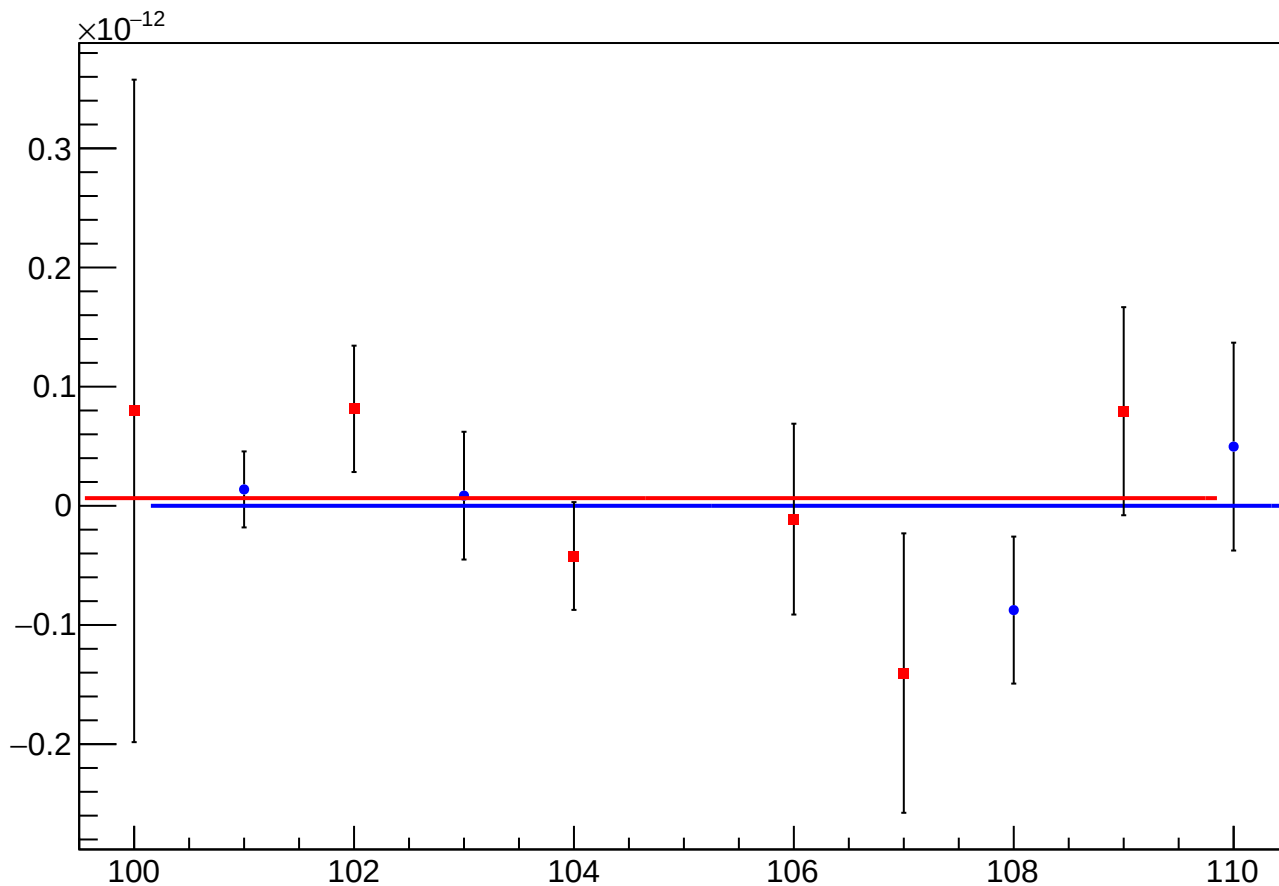
Right: 662.299+/-0.226 χ^2/NDF : 120918.7/9

In: 648.739+/-0.325 χ^2/NDF : 65532.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.299+/-0.226 χ^2/NDF : 120918.7/9

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

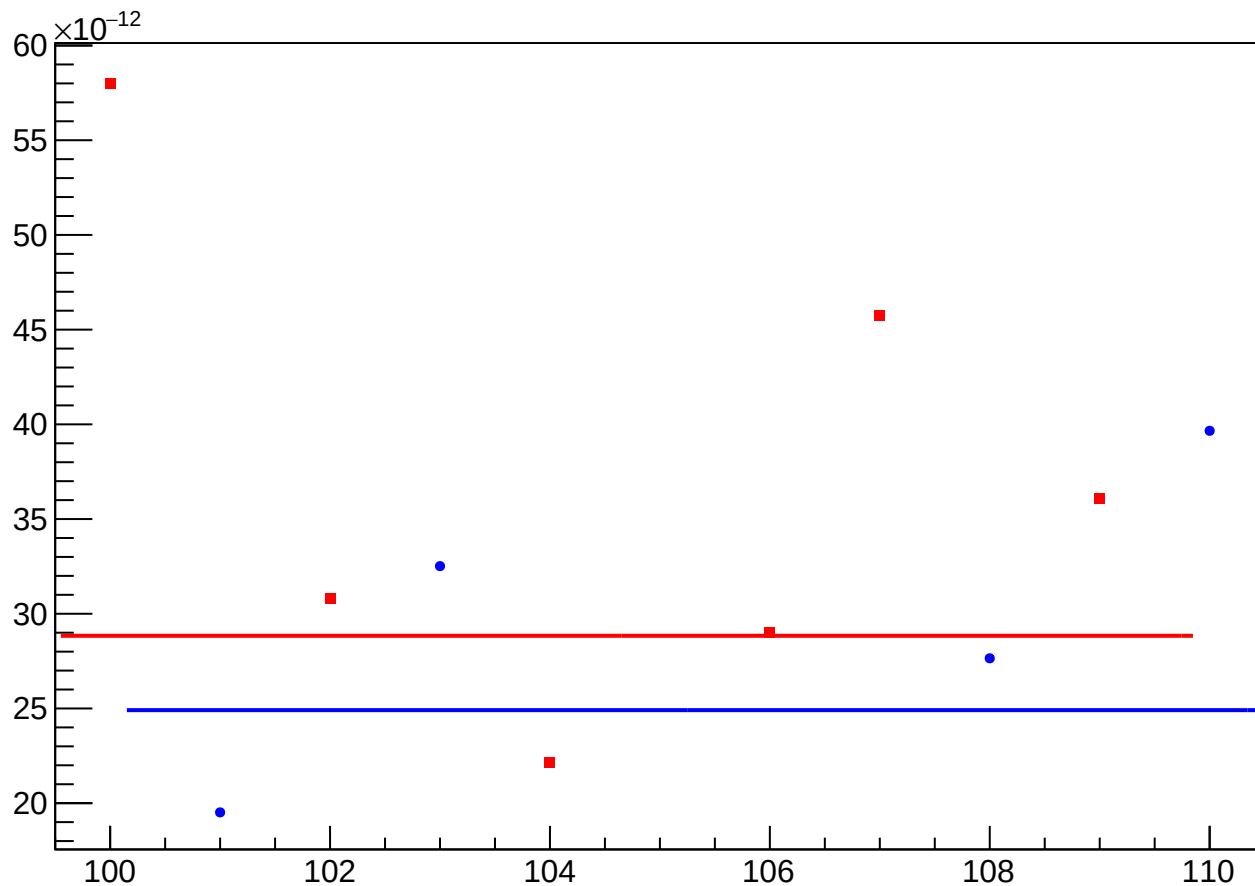
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/9

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/9

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 158628.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 123892.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

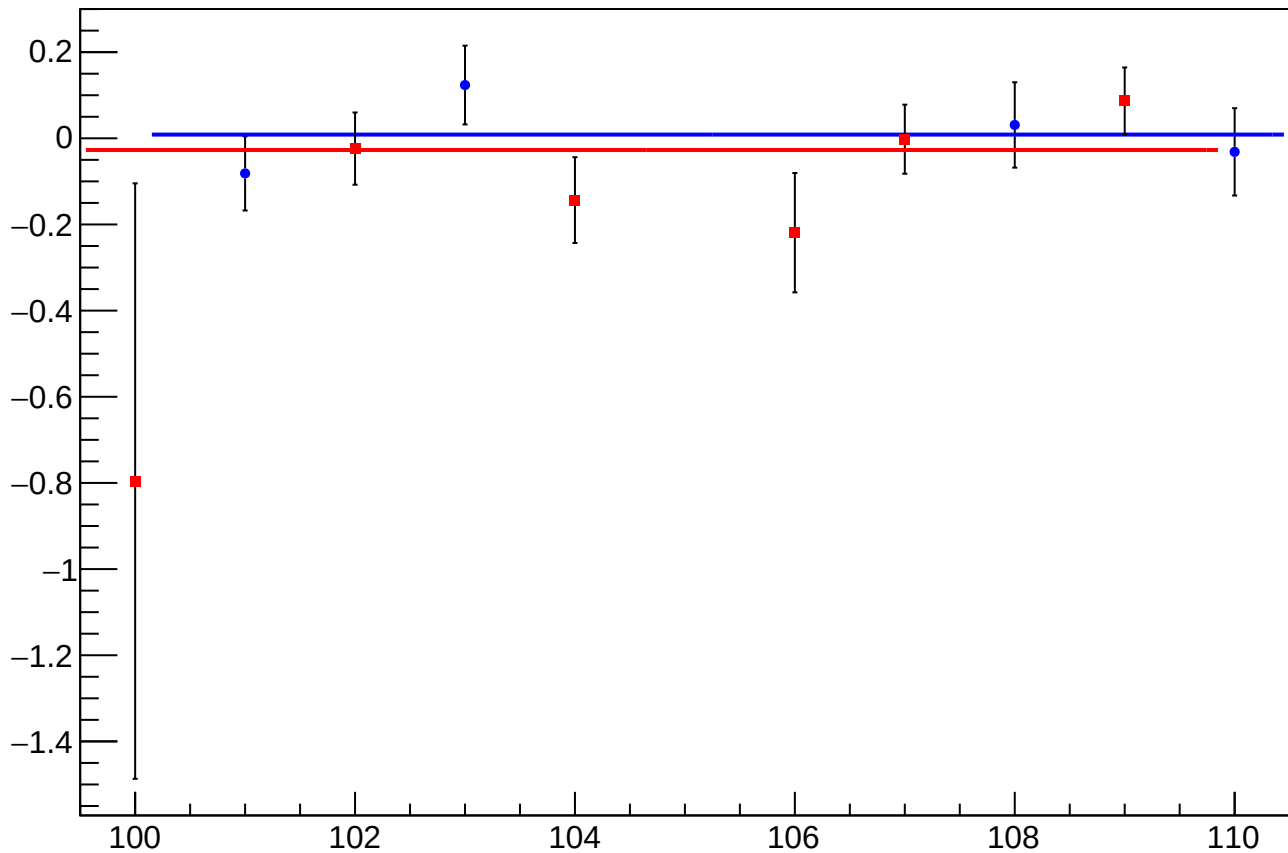
Right: 0.000+/-0.000 χ^2/NDF : 304526.0/9

In: 0.000+/-0.000 χ^2/NDF : 158628.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 304526.0/9

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.047 χ^2/NDF : 2.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.027+/-0.040 χ^2/NDF : 6.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

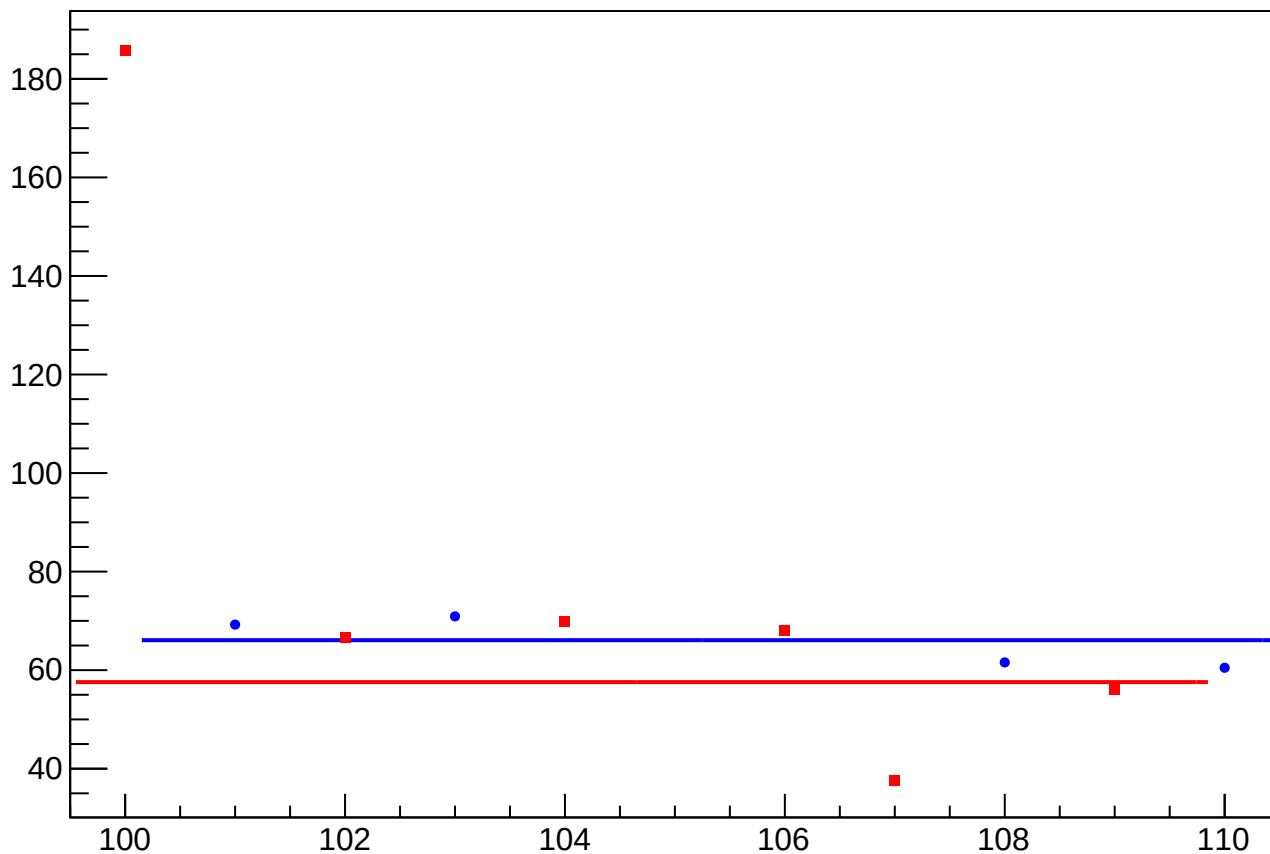
Right: -0.012+/-0.031 χ^2/NDF : 10.0/9

In: 0.009+/-0.047 χ^2/NDF : 2.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.031 χ^2/NDF : 10.0/9

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.084+/-0.033 χ^2/NDF : 18530.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.574+/-0.028 χ^2/NDF : 259881.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

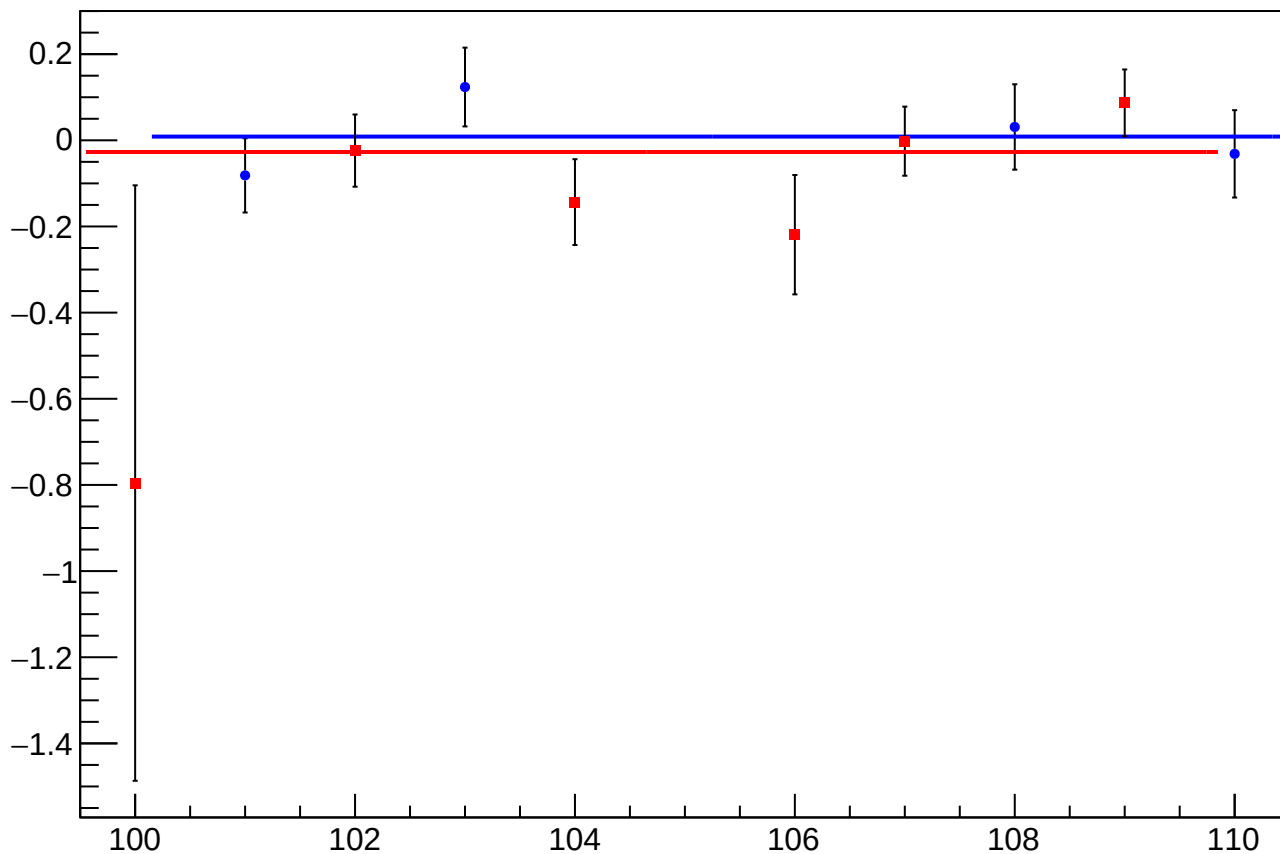
Right: 61.171+/-0.022 χ^2/NDF : 316336.5/9

In: 66.084+/-0.033 χ^2/NDF : 18530.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.171+/-0.022 χ^2/NDF : 316336.5/9

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.047 χ^2/NDF : 2.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.027+/-0.040 χ^2/NDF : 6.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

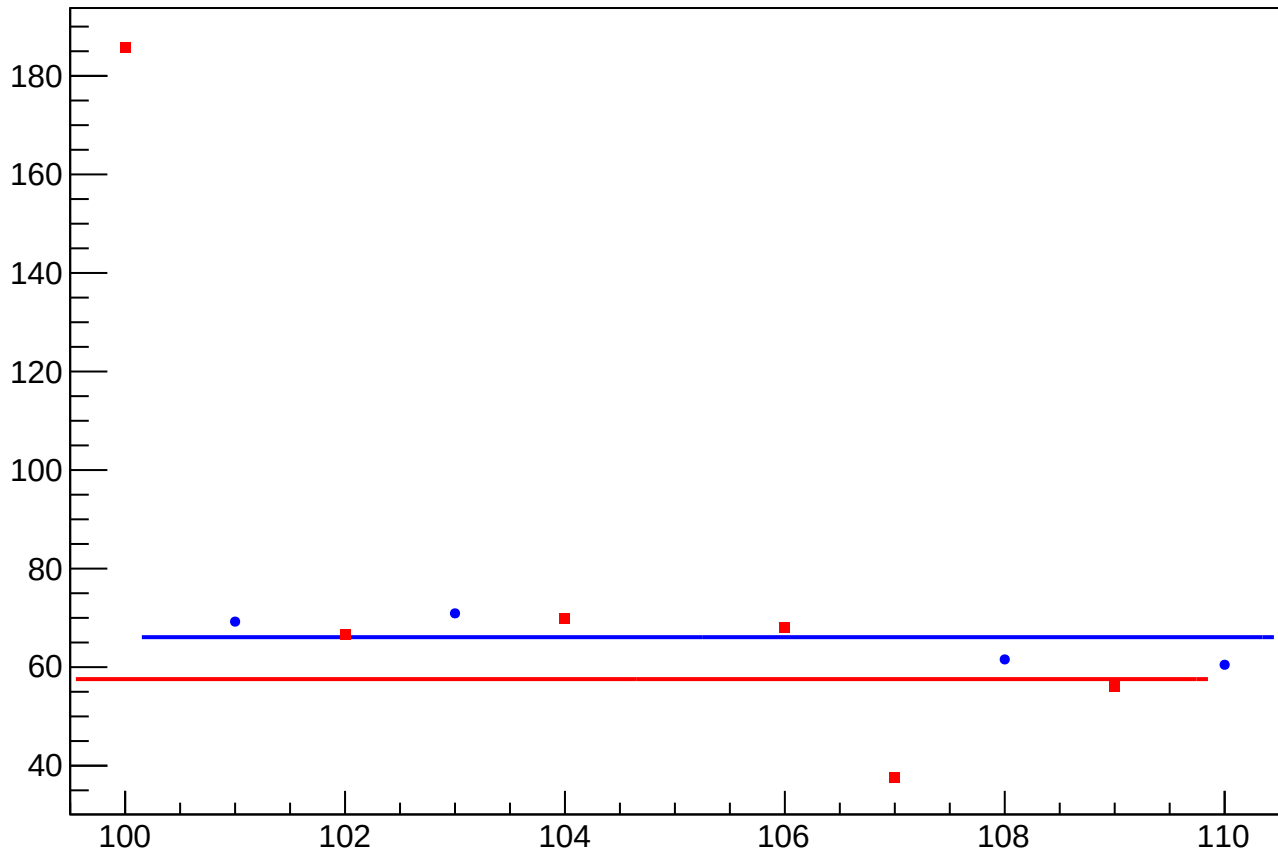
Right: -0.012+/-0.031 χ^2/NDF : 10.0/9

In: 0.009+/-0.047 χ^2/NDF : 2.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.031 χ^2/NDF : 10.0/9

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.084+/-0.033 χ^2/NDF : 18530.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.574+/-0.028 χ^2/NDF : 259881.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

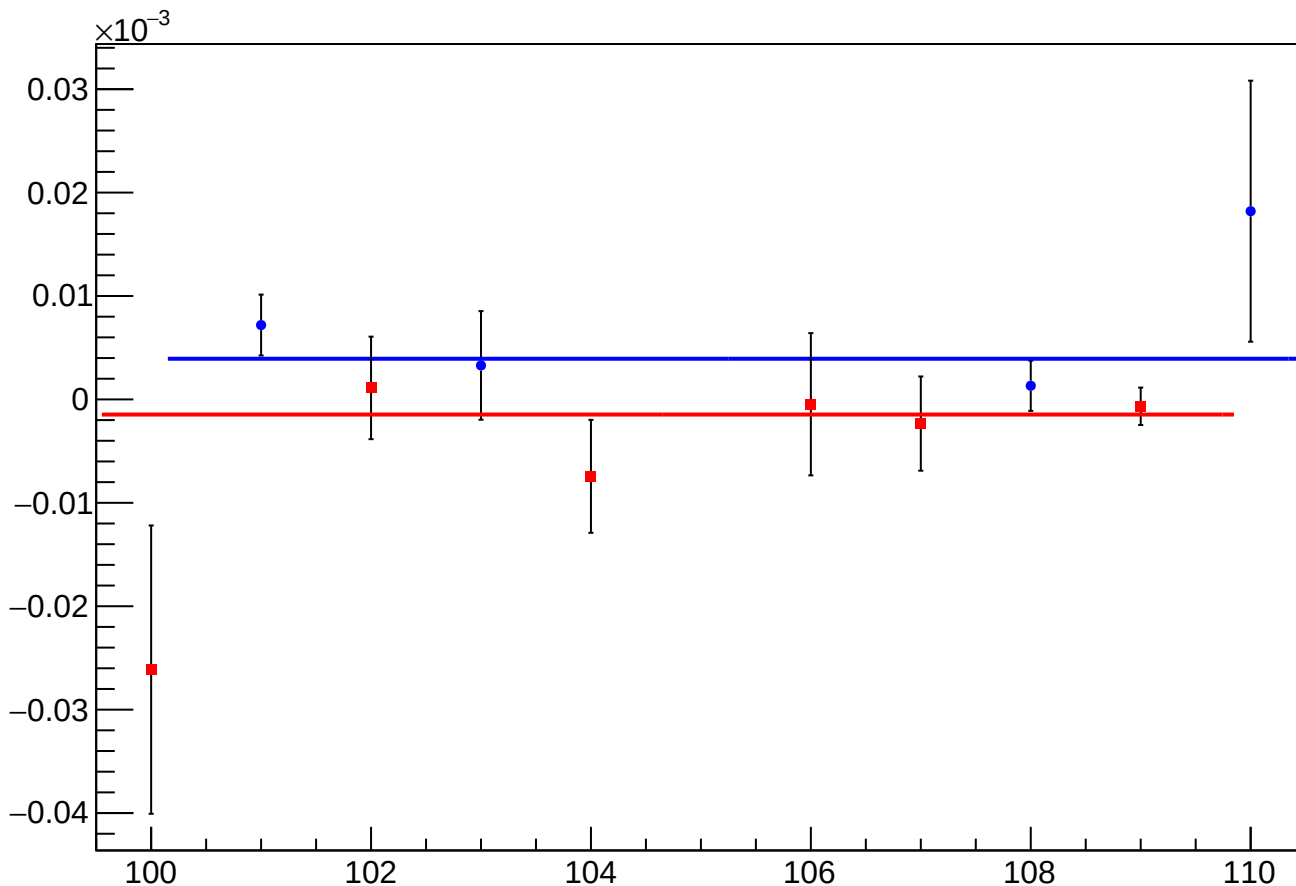
Right: 61.171+/-0.022 χ^2/NDF : 316336.5/9

In: 66.084+/-0.033 χ^2/NDF : 18530.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.171+/-0.022 χ^2/NDF : 316336.5/9

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

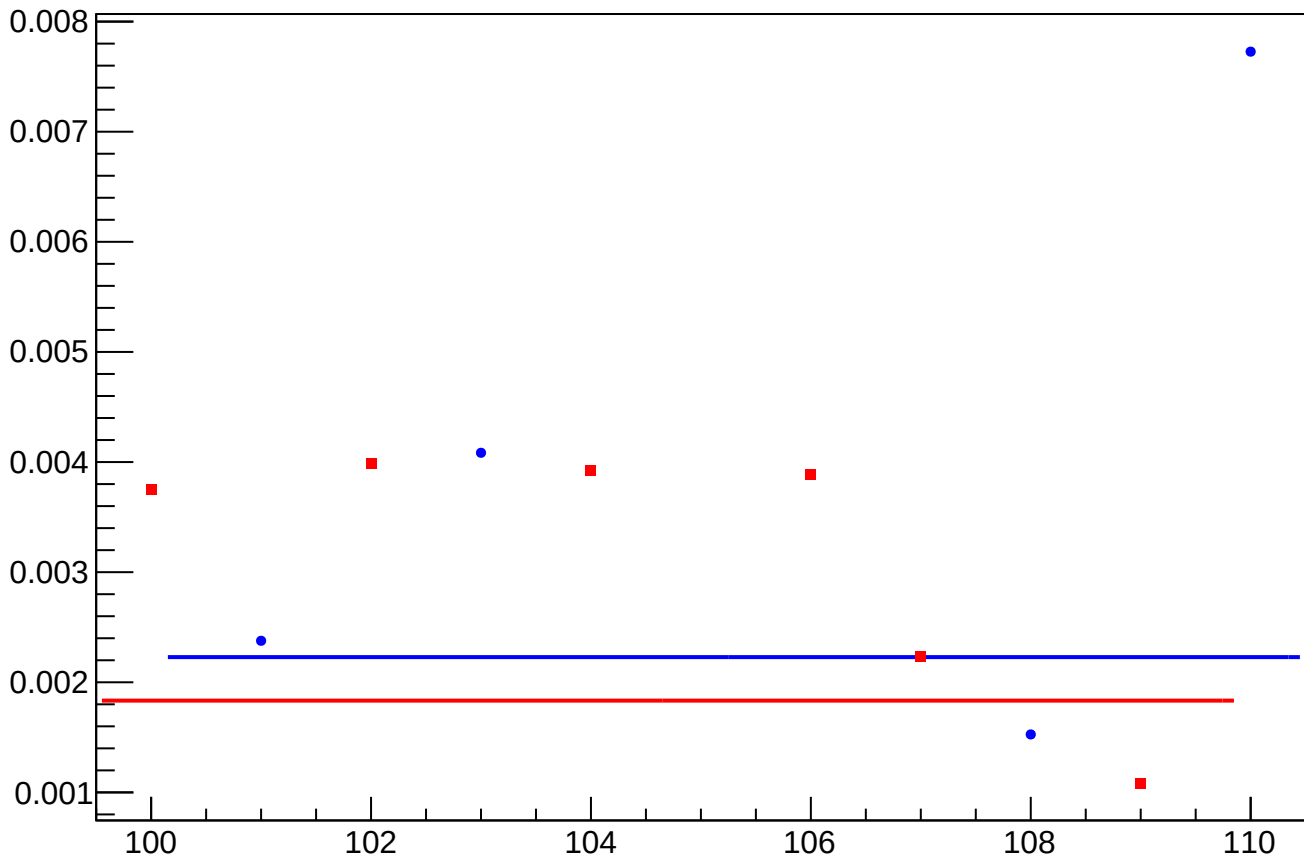
Right: 0.000+/-0.000 χ^2/NDF : 14.1/9

In: 0.000+/-0.000 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.1/9

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 801247.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1248872.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

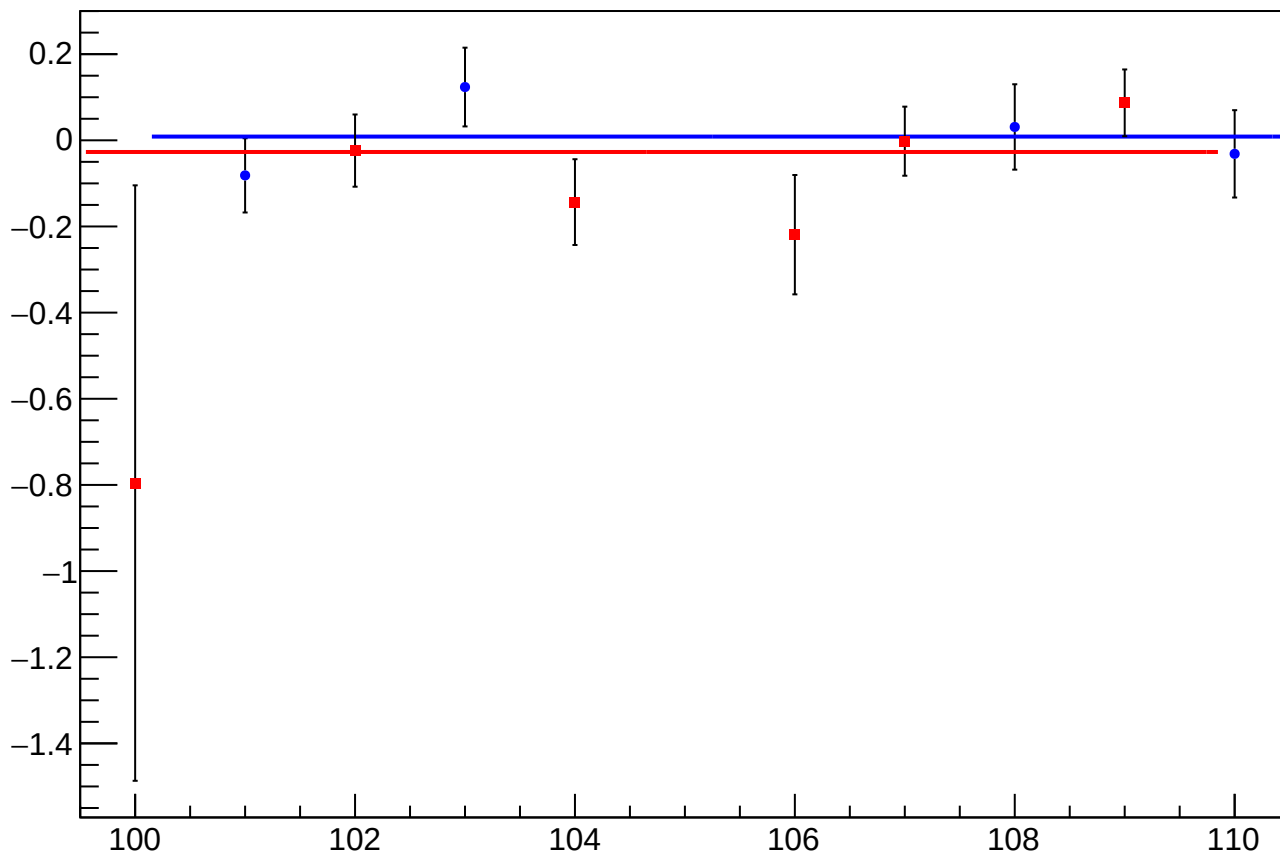
Right: 0.002+/-0.000 χ^2/NDF : 2109460.4/9

In: 0.002+/-0.000 χ^2/NDF : 801247.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2109460.4/9

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.047 χ^2 /NDF: 2.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 0.040 χ^2 /NDF: 6.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

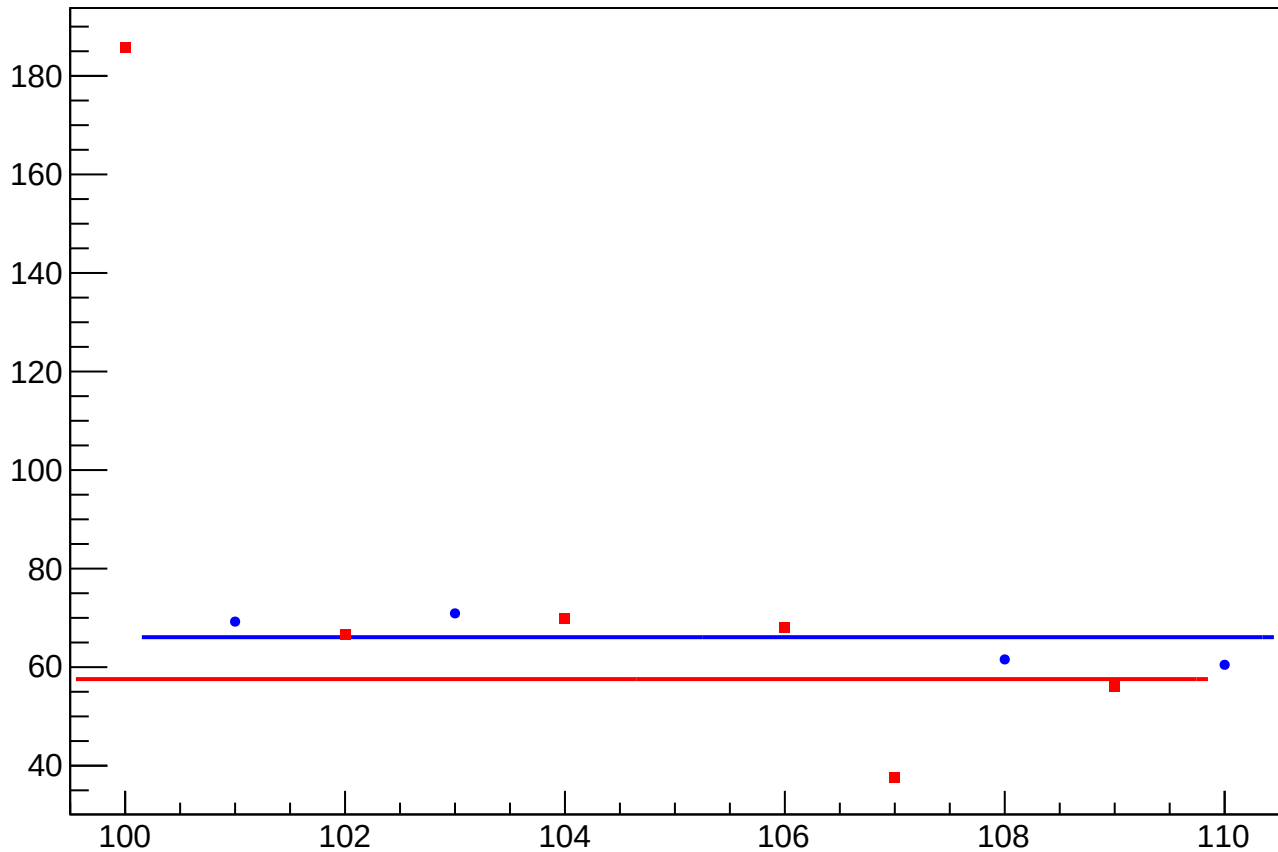
Right: -0.012 $\pm$ 0.031 χ^2 /NDF: 10.0/9

In: 0.009 $\pm$ 0.047 χ^2 /NDF:2.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.031 χ^2 /NDF: 10.0/9

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.082+/-0.033 χ^2/NDF : 18542.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.573+/-0.028 χ^2/NDF : 259866.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

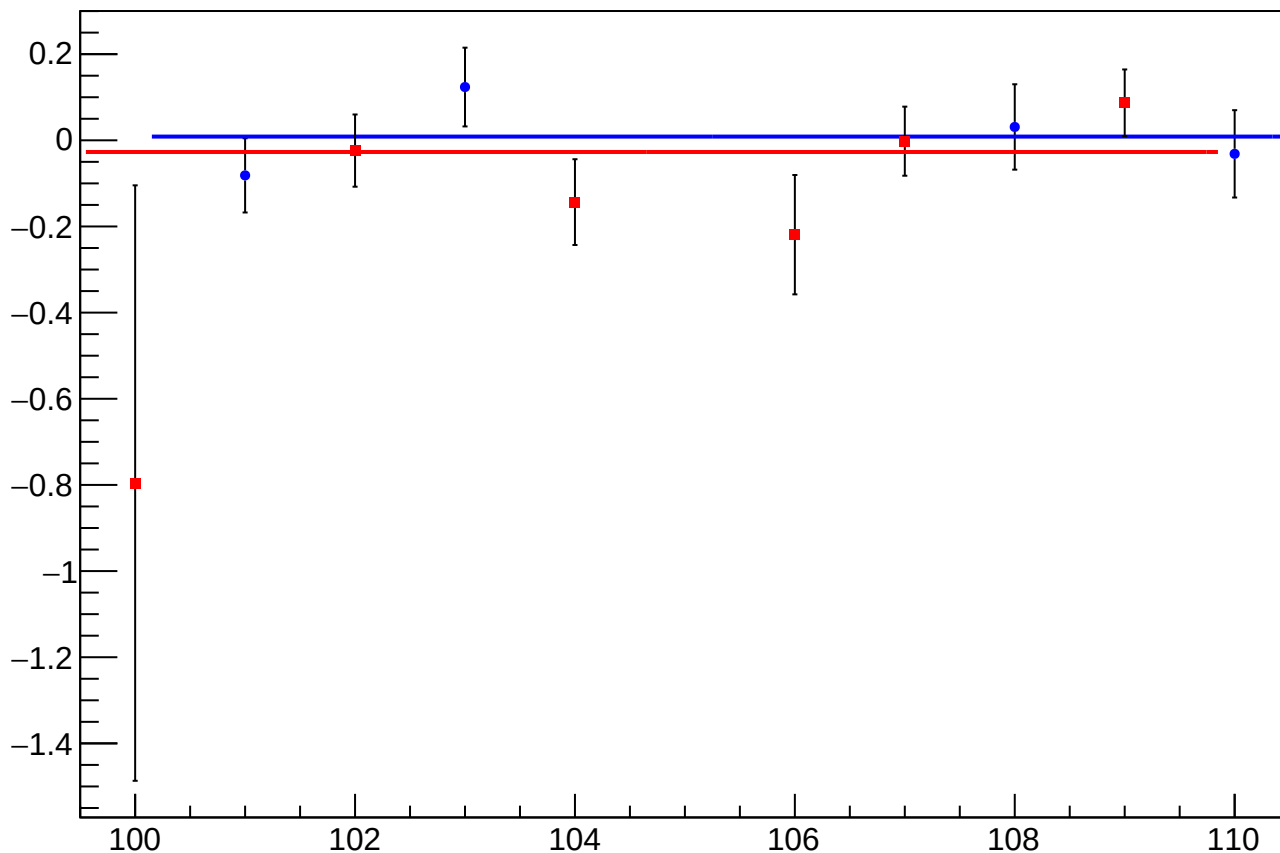
Right: 61.170+/-0.022 χ^2/NDF : 316323.1/9

In: 66.082+/-0.033 χ^2/NDF : 18542.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.170+/-0.022 χ^2/NDF : 316323.1/9

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.047 χ^2 /NDF: 2.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 0.040 χ^2 /NDF: 6.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

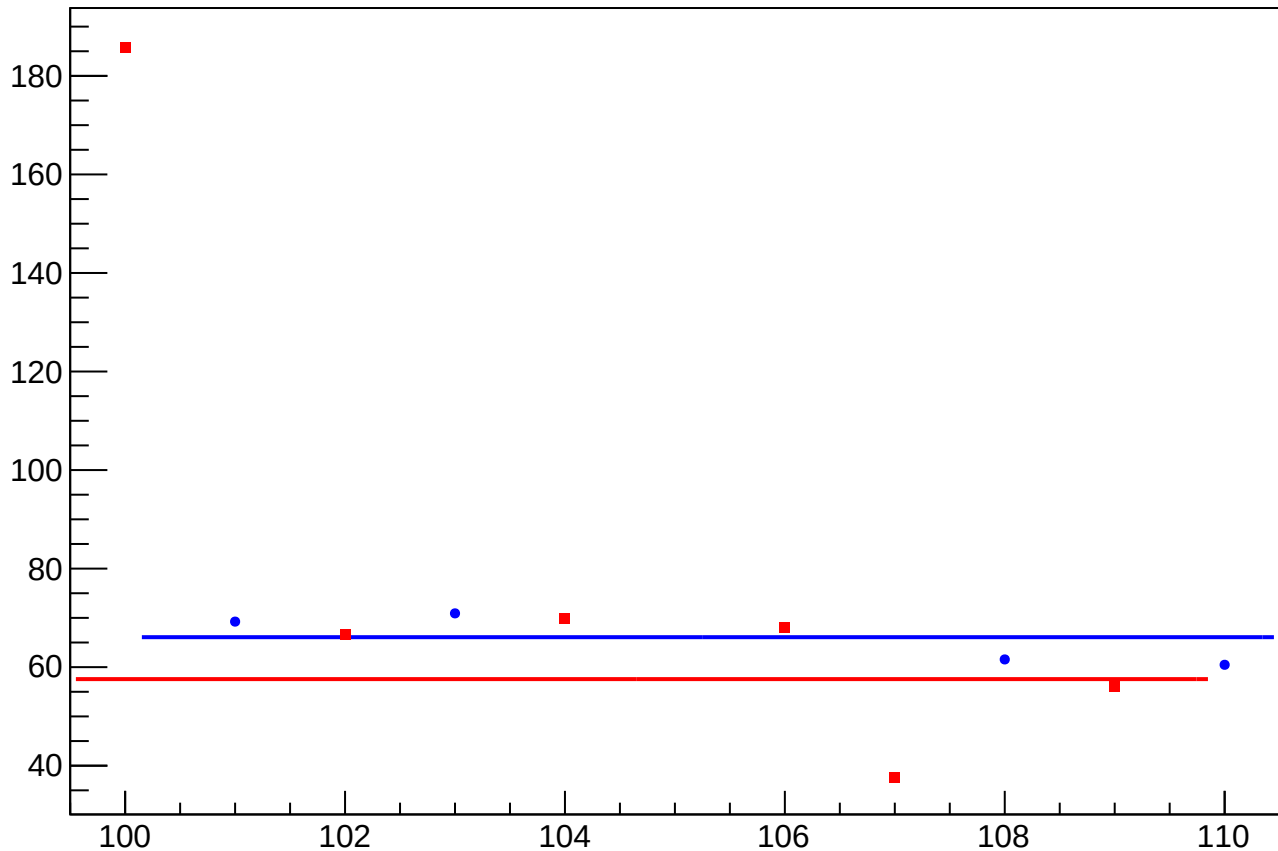
Right: -0.012 $\pm$ 0.031 χ^2 /NDF: 10.0/9

In: 0.009 $\pm$ 0.047 χ^2 /NDF:2.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.031 χ^2 /NDF: 10.0/9

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.082 $\pm$ 0.033 χ^2 /NDF: 18542.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.573 $\pm$ 0.028 χ^2 /NDF: 259866.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

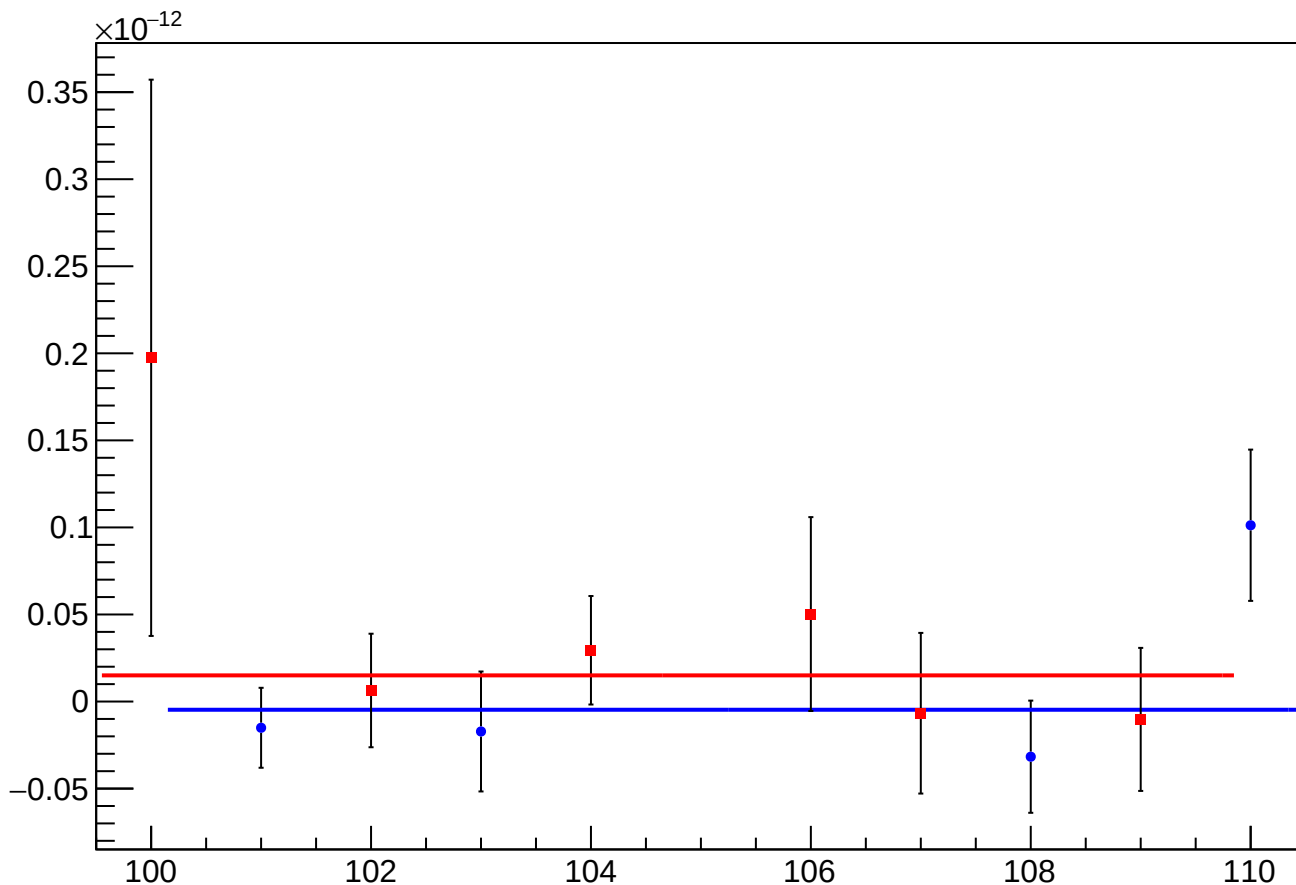
Right: 61.170 $\pm$ 0.022 χ^2 /NDF: 316323.1/9

In: 66.082 $\pm$ 0.033 χ^2 /NDF: 18542.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.170 $\pm$ 0.022 χ^2 /NDF: 316323.1/9

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

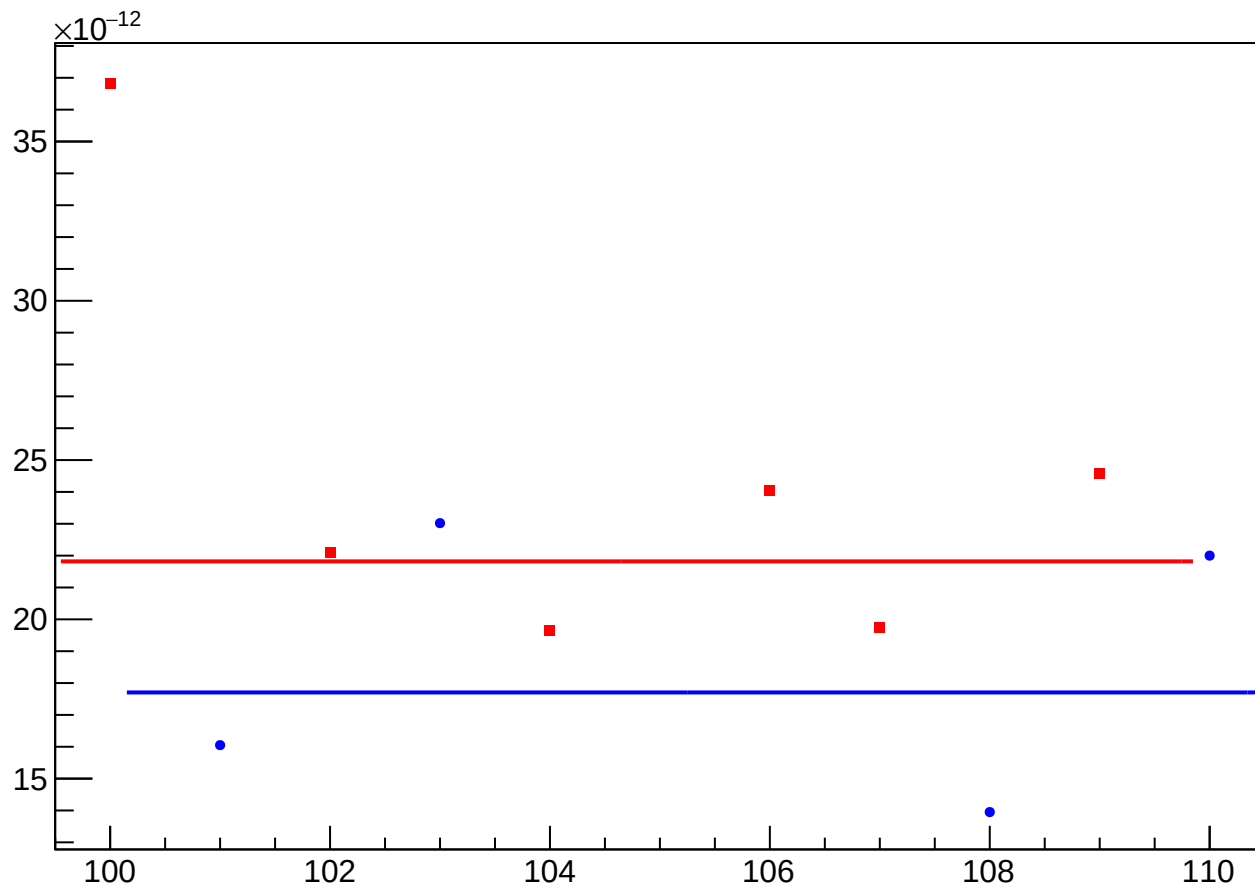
Right: 0.000+/-0.000 χ^2/NDF : 10.3/9

In: -0.000+/-0.000 χ^2/NDF : 7.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.3/9

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 104740.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 43643.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

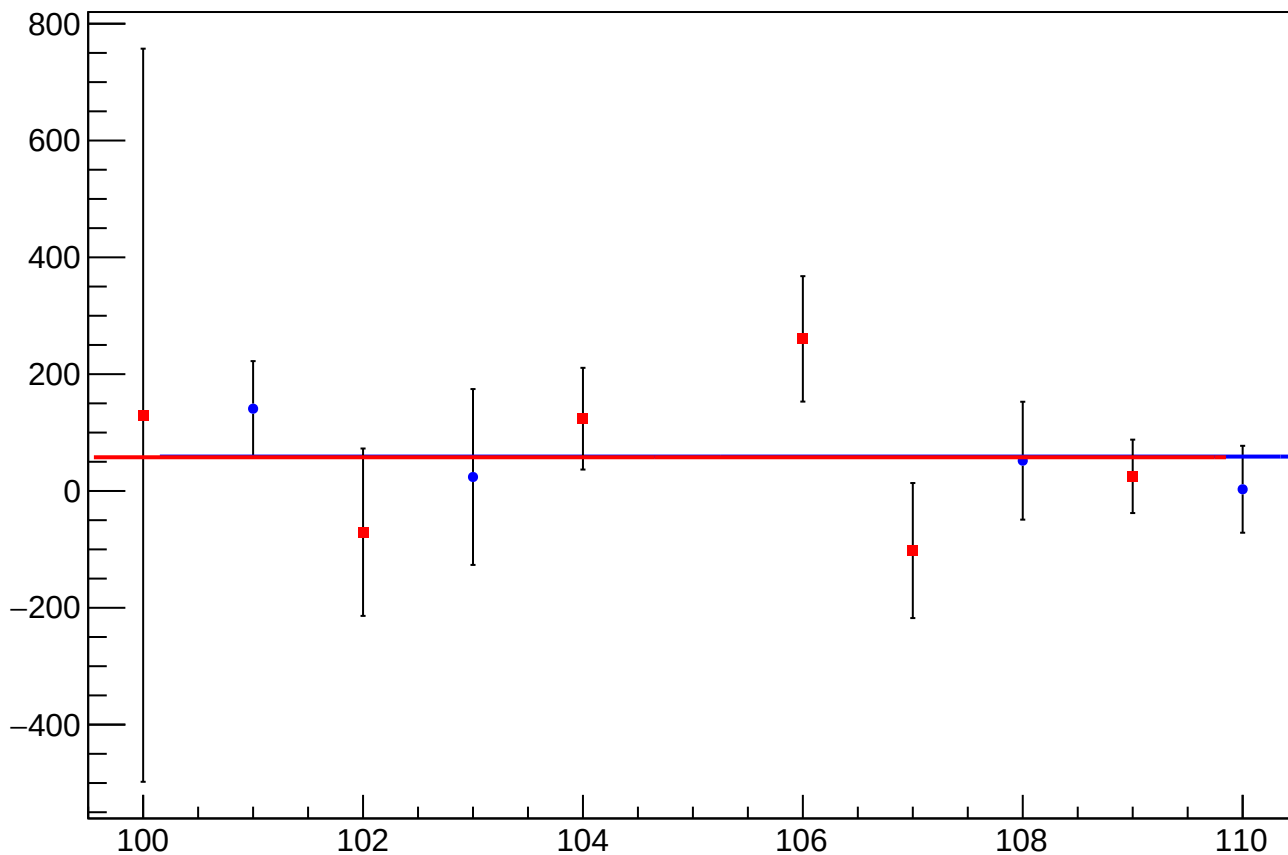
Right: 0.000+/-0.000 χ^2/NDF : 212171.3/9

In: 0.000+/-0.000 χ^2/NDF : 104740.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 212171.3/9

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 58.912 $\pm$ 45.954 χ^2 /NDF: 1.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.725 $\pm$ 40.897 χ^2 /NDF: 7.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

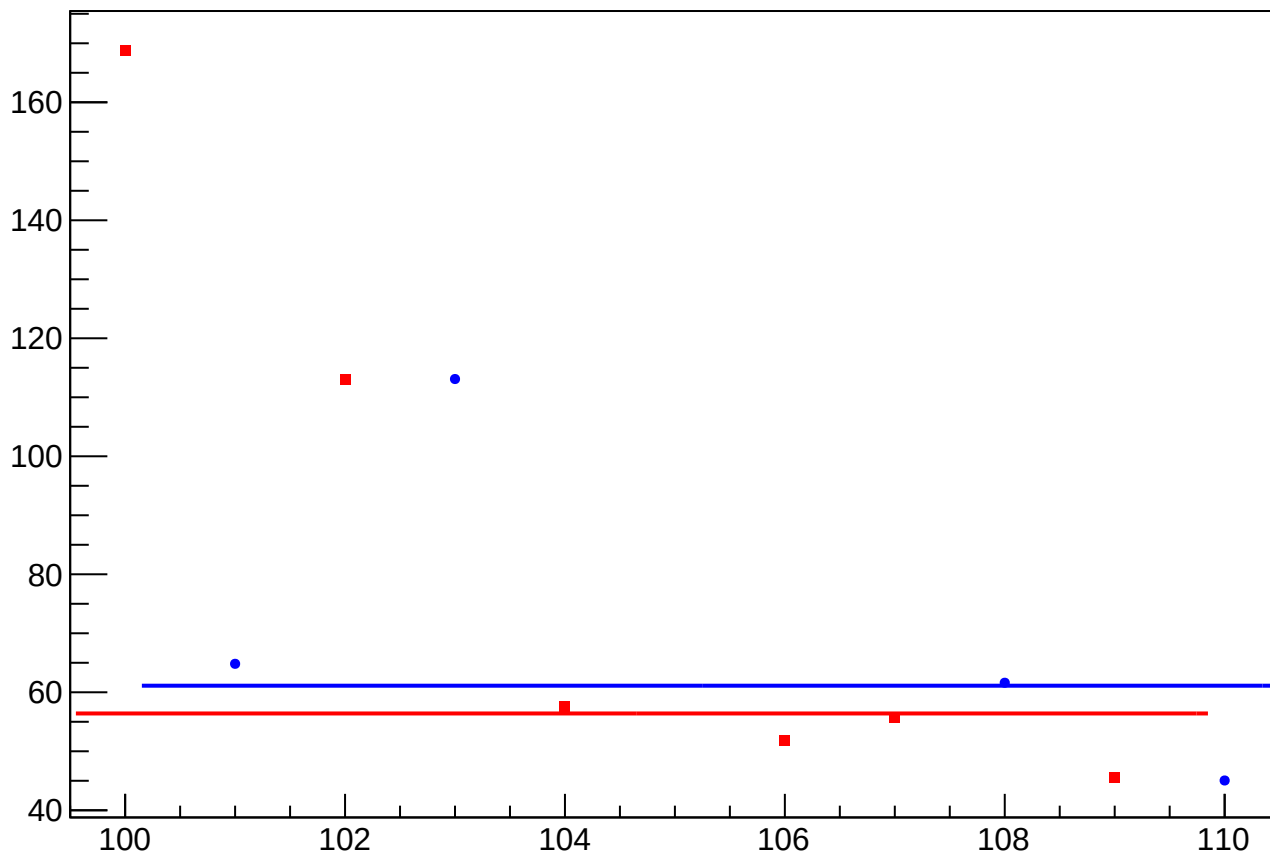
Right: 58.249 $\pm$ 30.550 χ^2 /NDF: 8.8/9

In: 58.912 $\pm$ 45.954 χ^2 /NDF:1.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 58.249 $\pm$ 30.550 χ^2 /NDF: 8.8/9

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 61.116+/-0.032 χ^2/NDF : 335860.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.410+/-0.029 χ^2/NDF : 439831.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

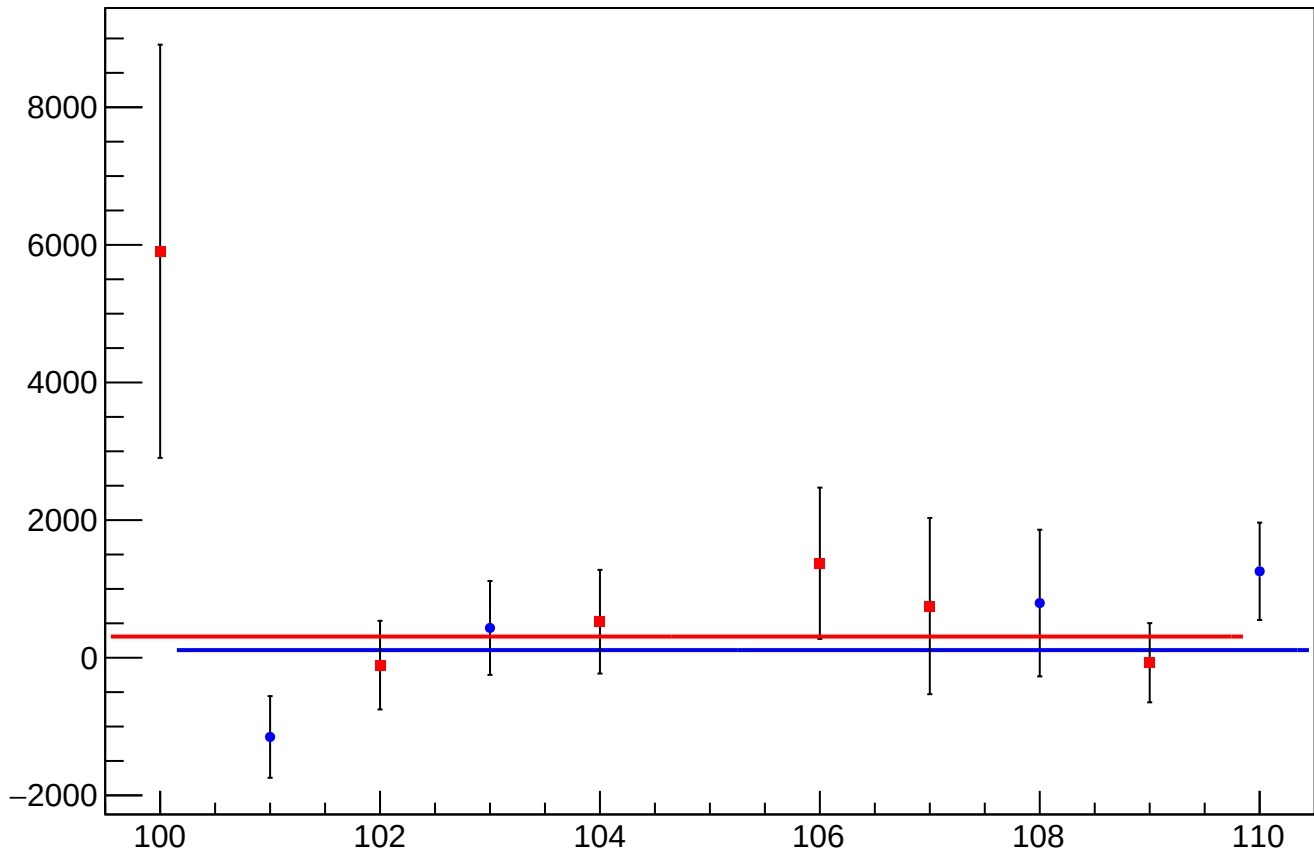
Right: 58.489+/-0.022 χ^2/NDF : 787395.7/9

In: 61.116+/-0.032 χ^2/NDF : 335860.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.489+/-0.022 χ^2/NDF : 787395.7/9

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 110.950+/-356.500 χ^2/NDF : 7.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 307.928+/-338.244 χ^2/NDF : 5.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

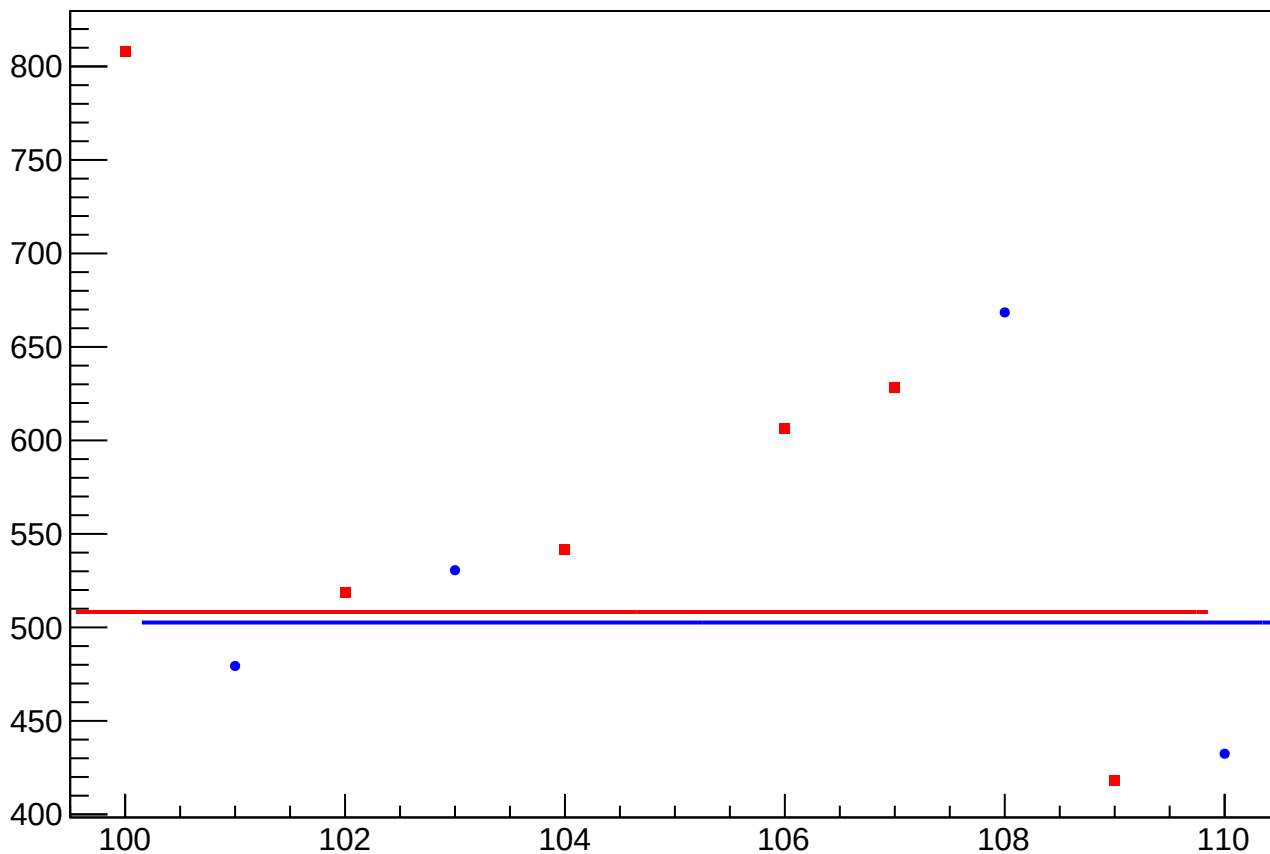
Right: 214.612+/-245.375 χ^2/NDF : 13.4/9

In: 110.950+/-356.500 χ^2/NDF : 7.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.612+/-245.375 χ^2/NDF : 13.4/9

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 502.605+/-0.252 χ^2/NDF : 74561.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.234+/-0.239 χ^2/NDF : 106606.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

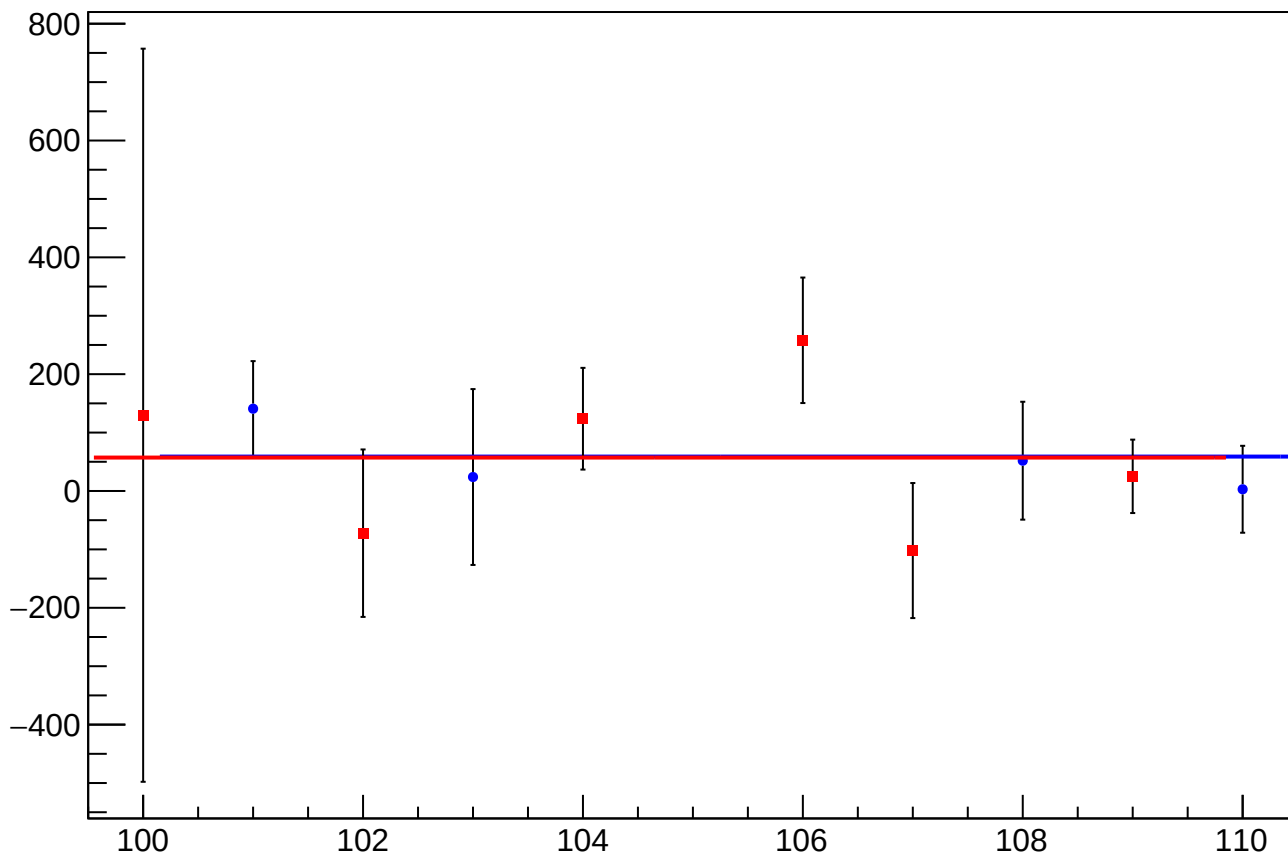
Right: 505.567+/-0.174 χ^2/NDF : 181430.3/9

In: 502.605+/-0.252 χ^2/NDF : 74561.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.567+/-0.174 χ^2/NDF : 181430.3/9

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 58.904 $\pm$ 45.954 χ^2 /NDF: 1.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.216 $\pm$ 40.901 χ^2 /NDF: 7.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

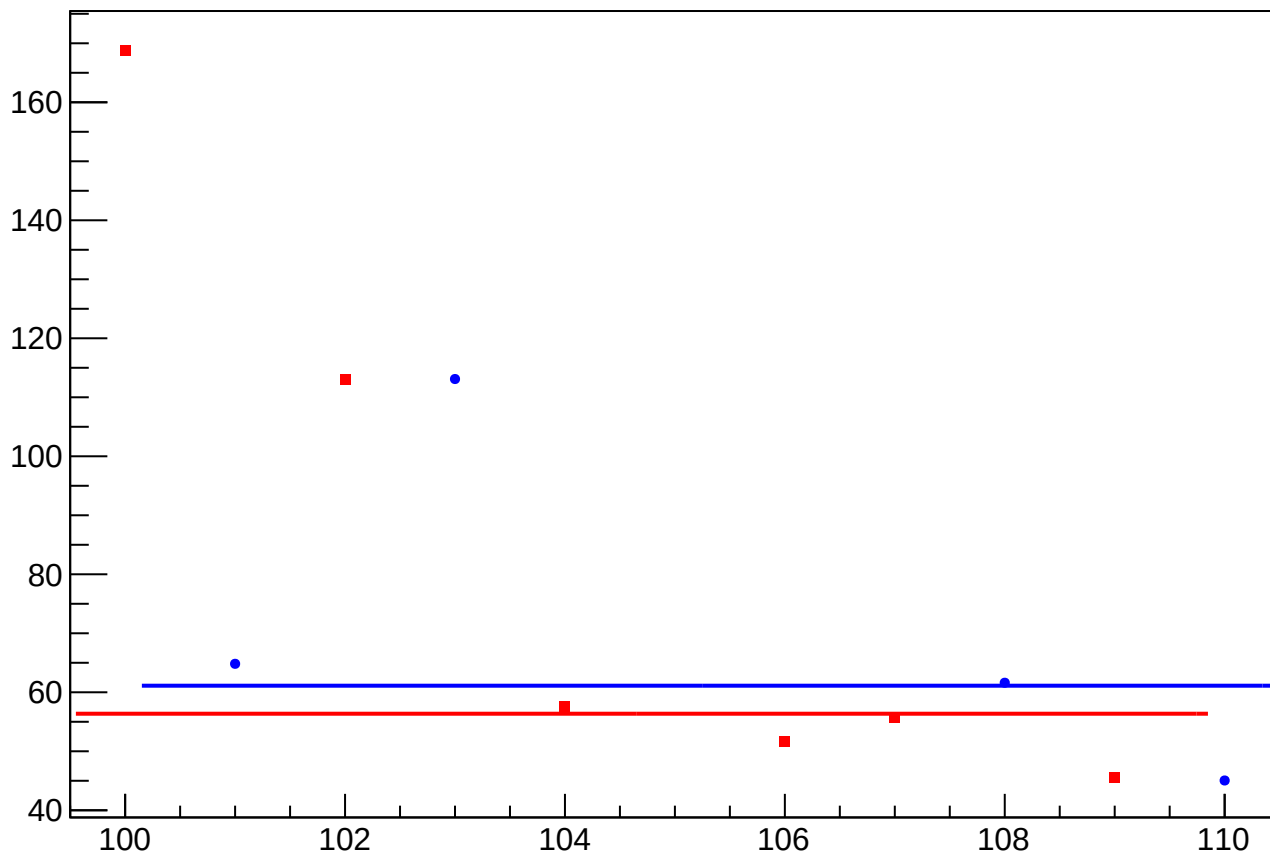
Right: 57.962 $\pm$ 30.552 χ^2 /NDF: 8.7/9

In: 58.904 $\pm$ 45.954 χ^2 /NDF:1.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.962 $\pm$ 30.552 χ^2 /NDF: 8.7/9

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 61.116+/-0.032 χ^2/NDF : 335862.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.366+/-0.029 χ^2/NDF : 440563.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

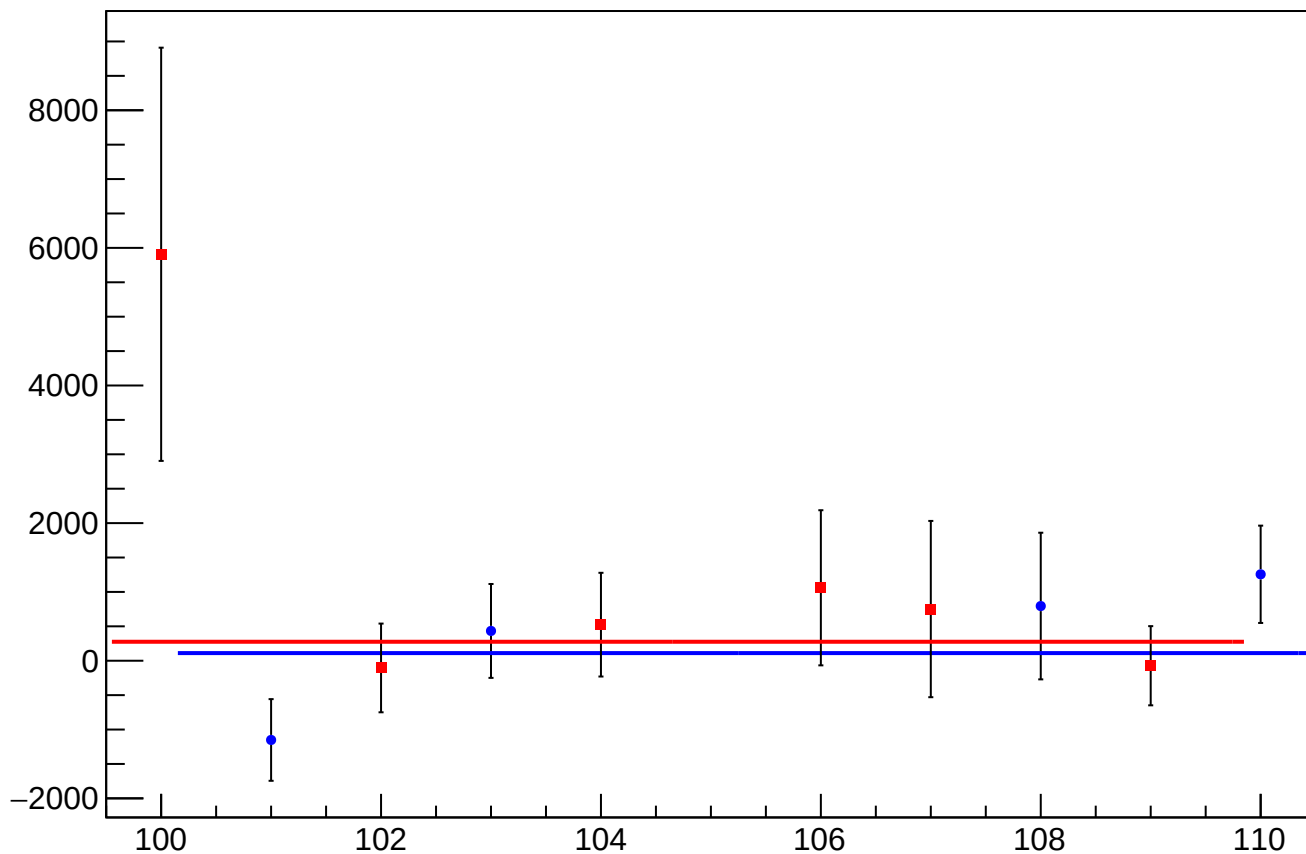
Right: 58.465+/-0.022 χ^2/NDF : 788347.0/9

In: 61.116+/-0.032 χ^2/NDF : 335862.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.465+/-0.022 χ^2/NDF : 788347.0/9

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 111.027+/-356.511 χ^2/NDF : 7.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 275.788+/-339.127 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

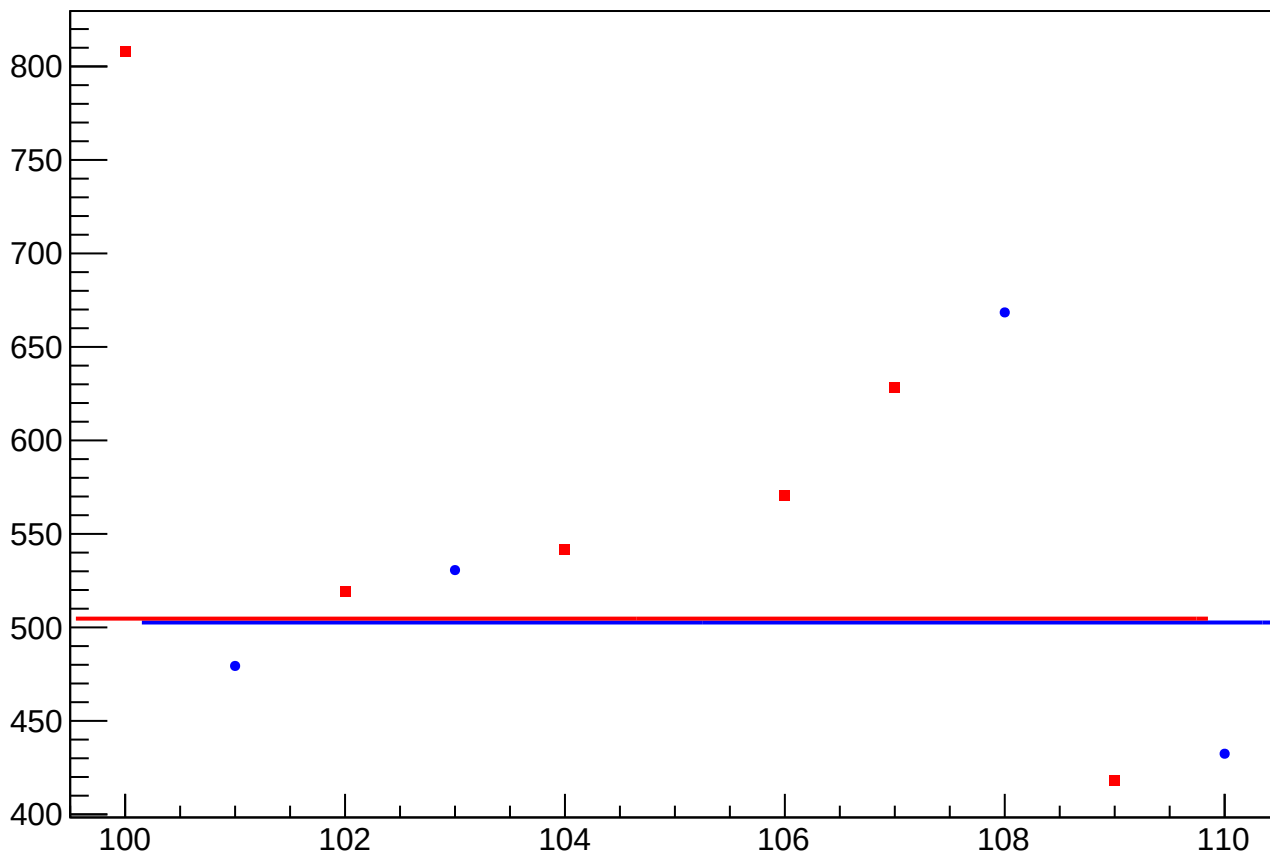
Right: 197.523+/-245.715 χ^2/NDF : 12.9/9

In: 111.027+/-356.511 χ^2/NDF : 7.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.523+/-245.715 χ^2/NDF : 12.9/9

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 502.619+/-0.252 χ^2/NDF : 74574.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 504.693+/-0.240 χ^2/NDF : 96704.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

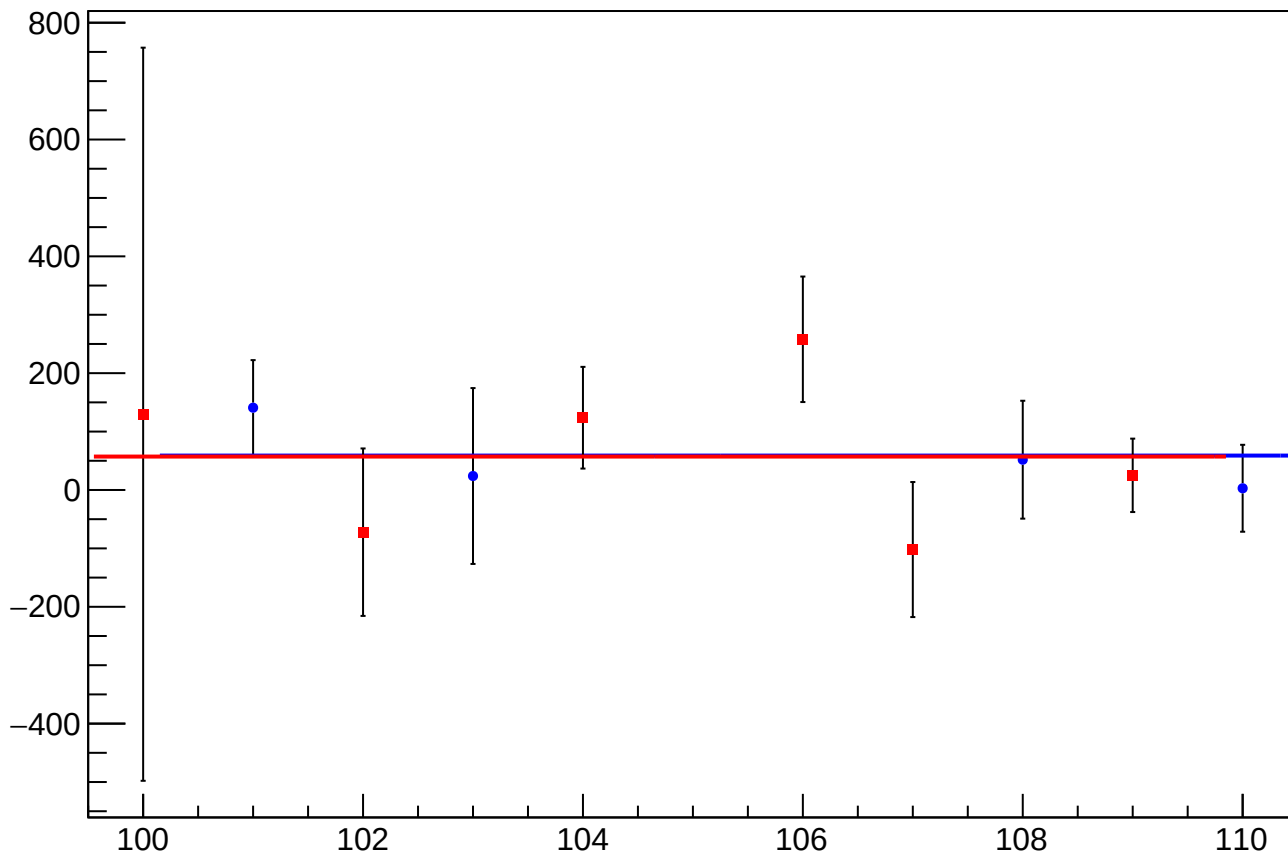
Right: 503.708+/-0.174 χ^2/NDF : 171314.9/9

In: 502.619+/-0.252 χ^2/NDF : 74574.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.708+/-0.174 χ^2/NDF : 171314.9/9

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 58.904+/-45.954 χ^2/NDF : 1.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.216+/-40.901 χ^2/NDF : 7.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

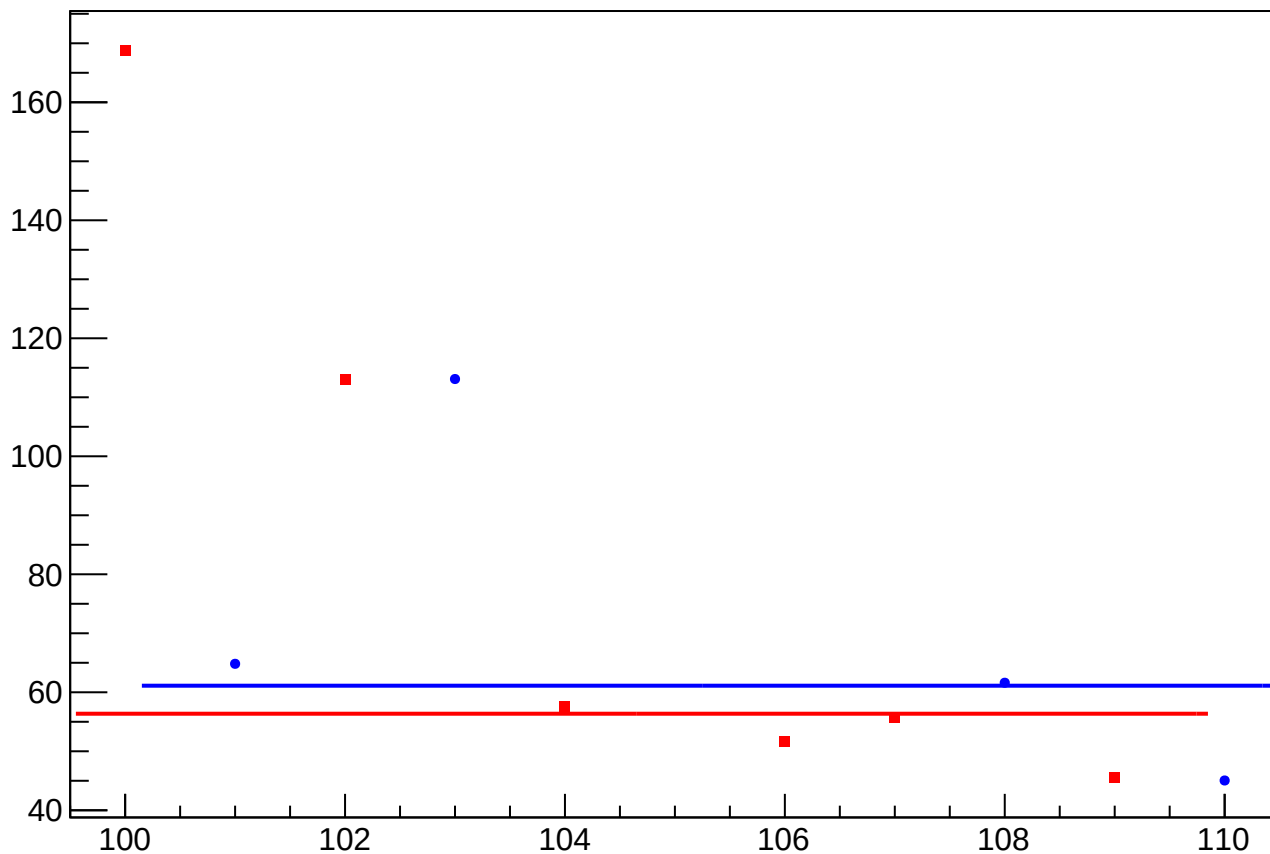
Right: 57.962+/-30.552 χ^2/NDF : 8.7/9

In: 58.904+/-45.954 χ^2/NDF : 1.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.962+/-30.552 χ^2/NDF : 8.7/9

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 61.116 $\pm$ 0.032 χ^2 /NDF: 335862.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 56.366 $\pm$ 0.029 χ^2 /NDF: 440563.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

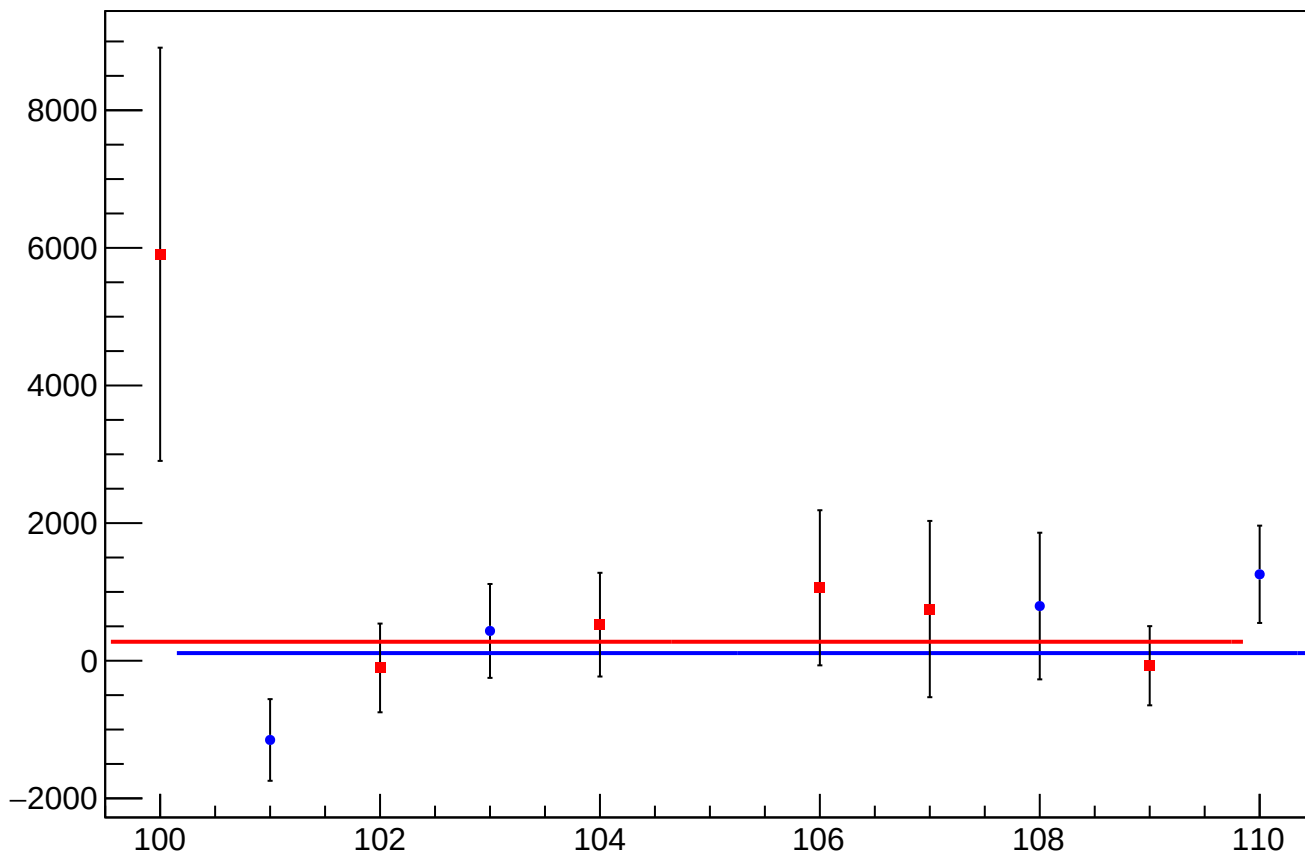
Right: 58.465 $\pm$ 0.022 χ^2 /NDF: 788347.0/9

In: 61.116 $\pm$ 0.032 χ^2 /NDF:335862.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 58.465 $\pm$ 0.022 χ^2 /NDF: 788347.0/9

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 111.027+/-356.511 χ^2/NDF : 7.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 275.788+/-339.127 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

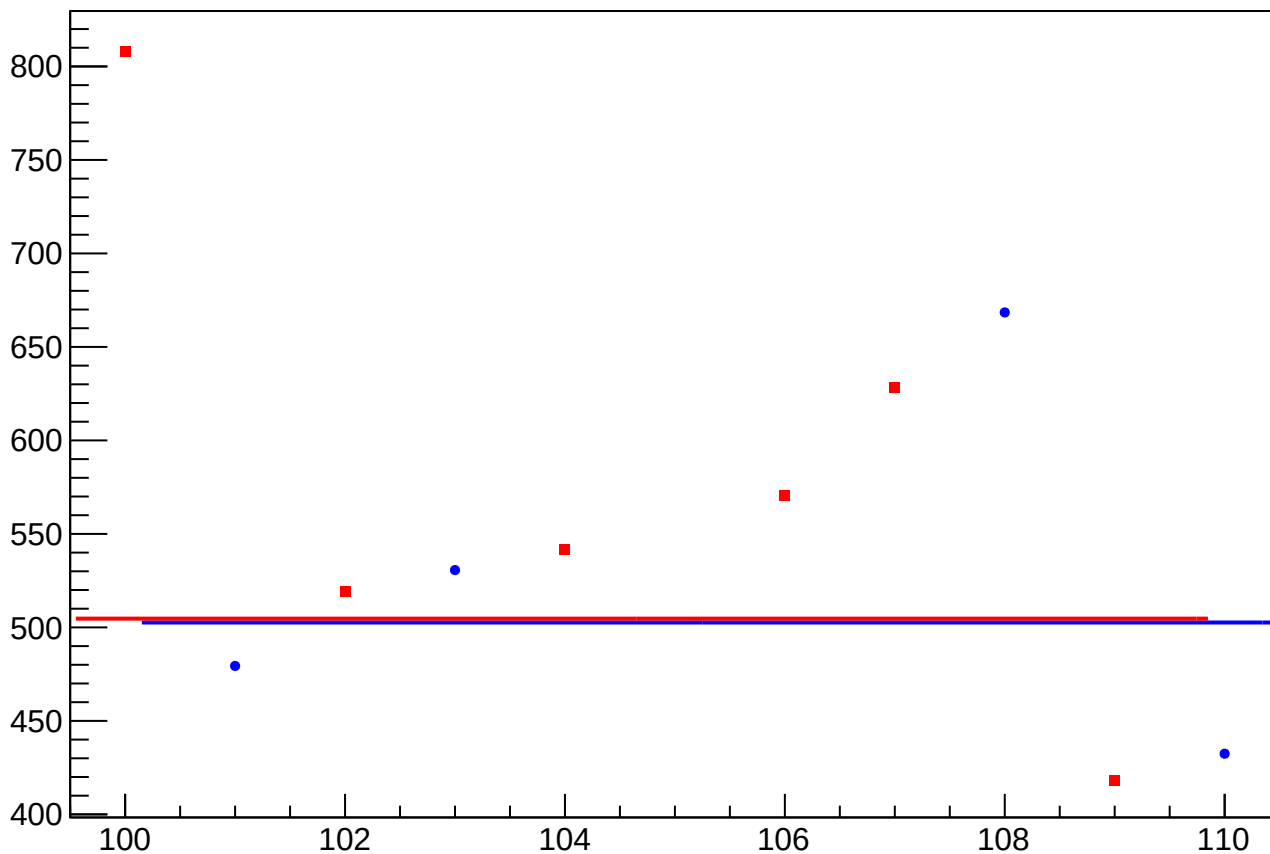
Right: 197.523+/-245.715 χ^2/NDF : 12.9/9

In: 111.027+/-356.511 χ^2/NDF : 7.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.523+/-245.715 χ^2/NDF : 12.9/9

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 502.619+/-0.252 χ^2/NDF : 74574.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 504.693+/-0.240 χ^2/NDF : 96704.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

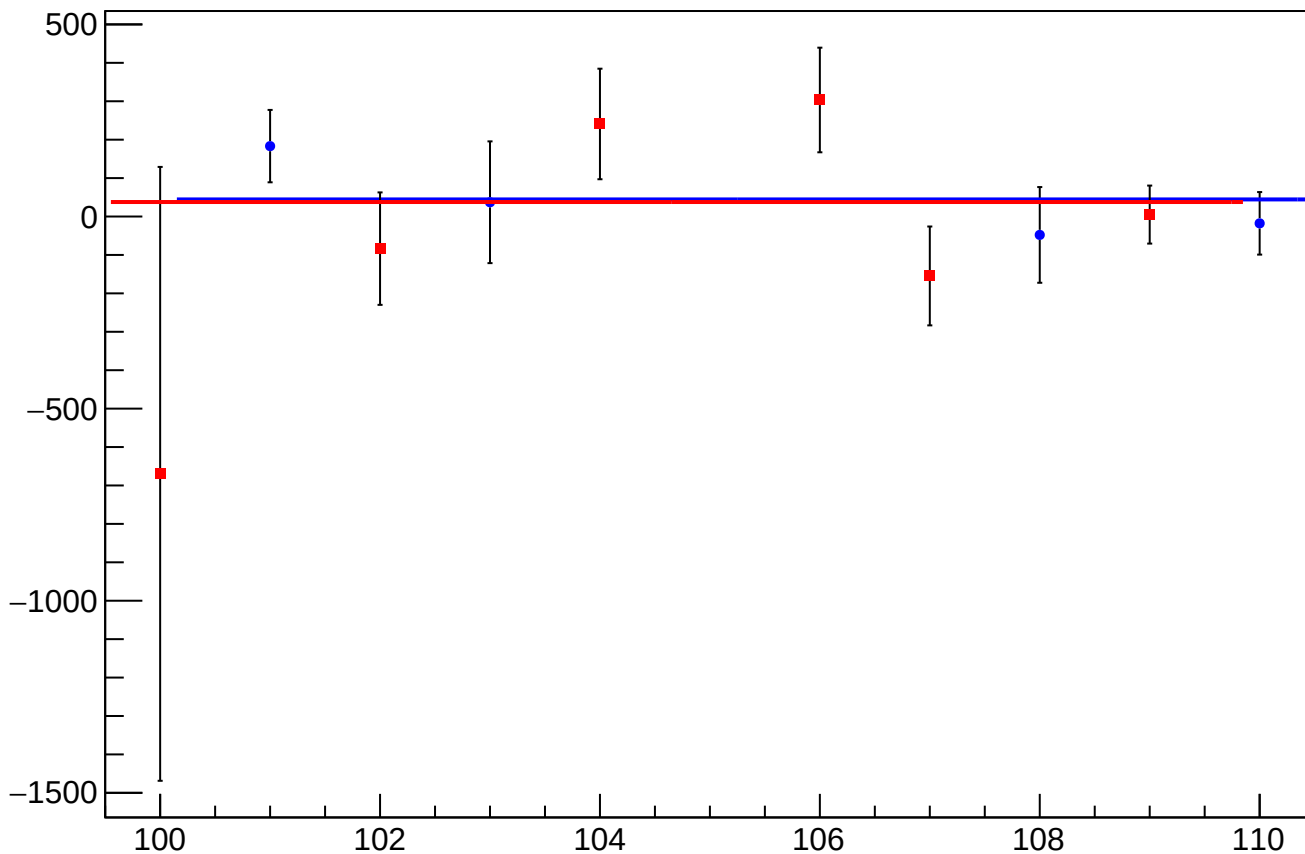
Right: 503.708+/-0.174 χ^2/NDF : 171314.9/9

In: 502.619+/-0.252 χ^2/NDF : 74574.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.708+/-0.174 χ^2/NDF : 171314.9/9

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 44.493+/-52.133 χ^2/NDF : 3.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.755+/-50.874 χ^2/NDF : 9.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

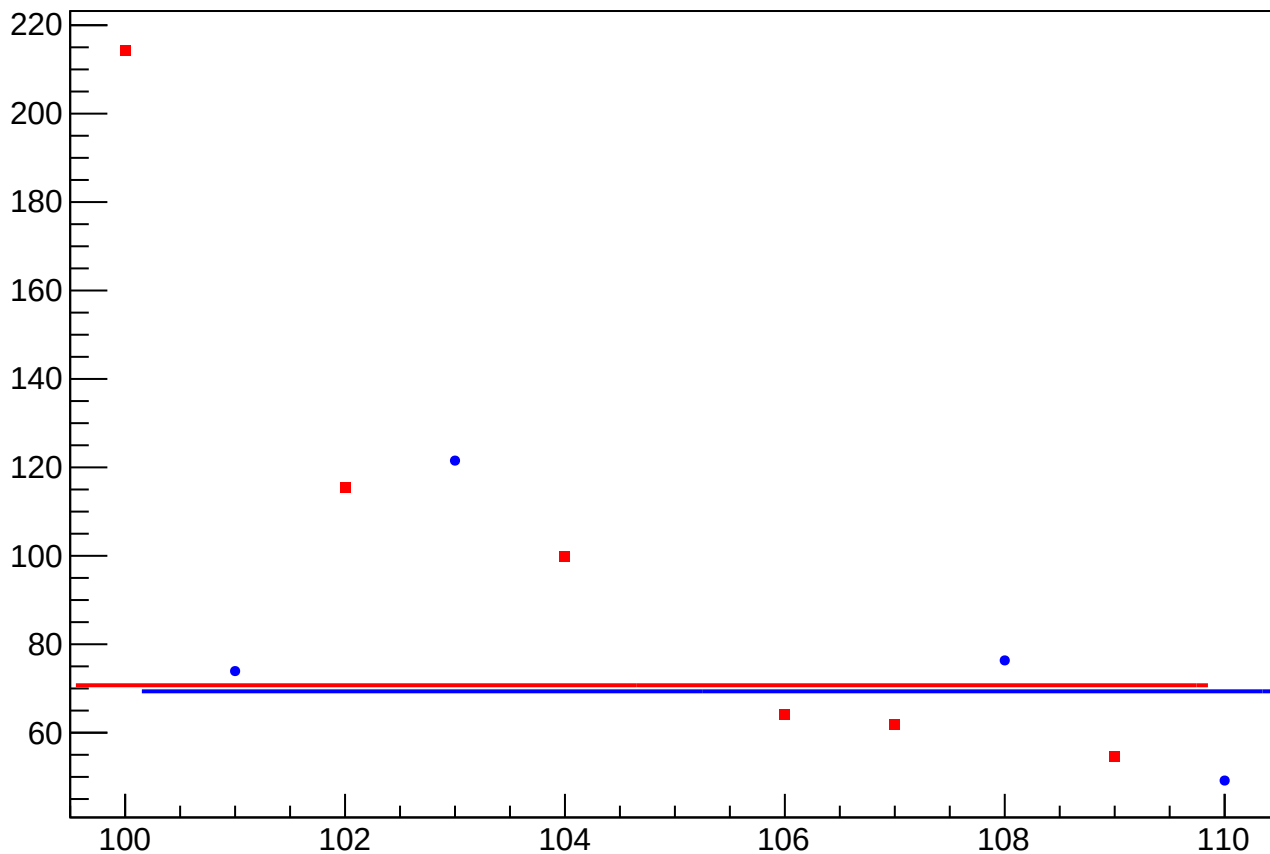
Right: 41.042+/-36.410 χ^2/NDF : 13.0/9

In: 44.493+/-52.133 χ^2/NDF : 3.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.042+/-36.410 χ^2/NDF : 13.0/9

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 69.355+/-0.037 χ^2/NDF : 350807.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.725+/-0.036 χ^2/NDF : 439809.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

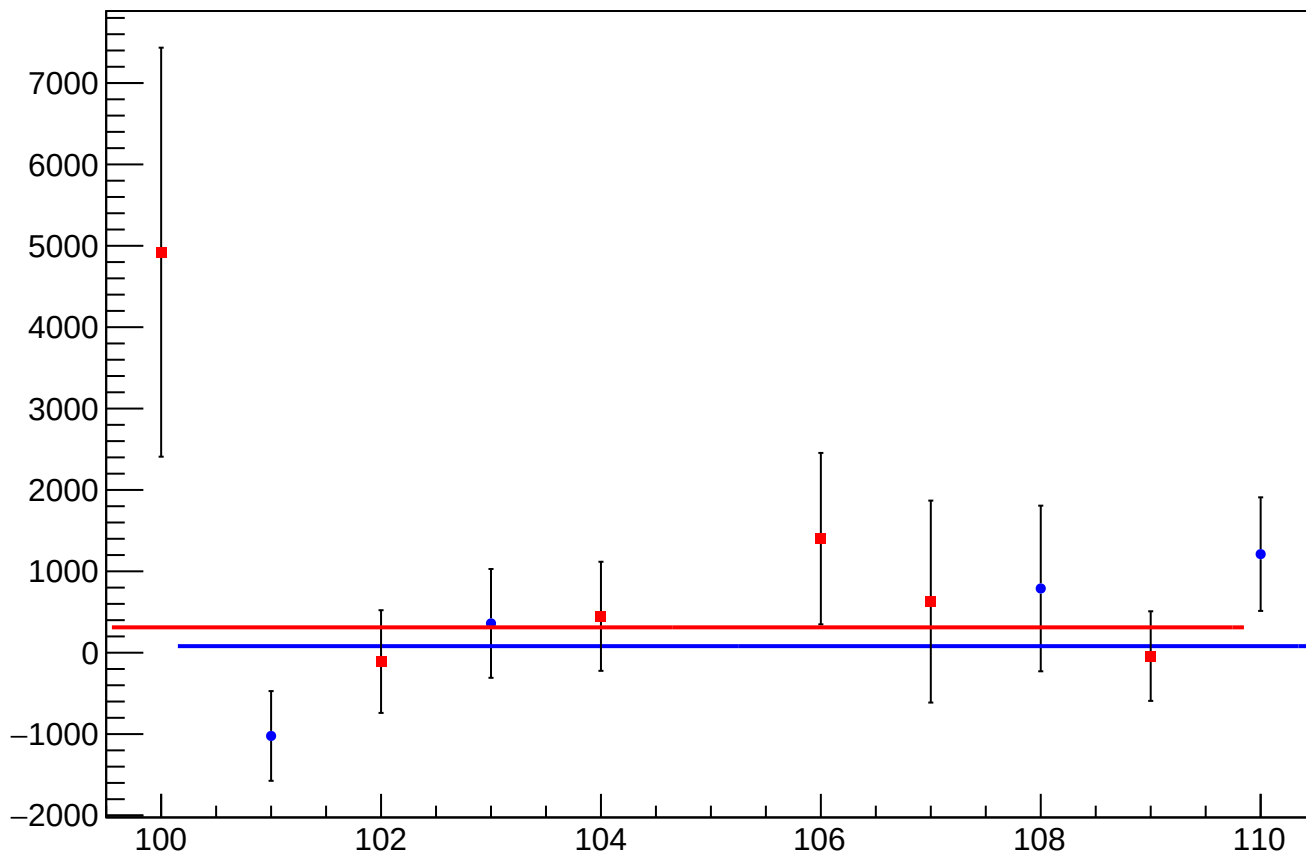
Right: 70.057+/-0.026 χ^2/NDF : 791323.8/9

In: 69.355+/-0.037 χ^2/NDF : 350807.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.057+/-0.026 χ^2/NDF : 791323.8/9

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 80.615+/-342.029 χ^2/NDF : 7.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.635+/-320.302 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

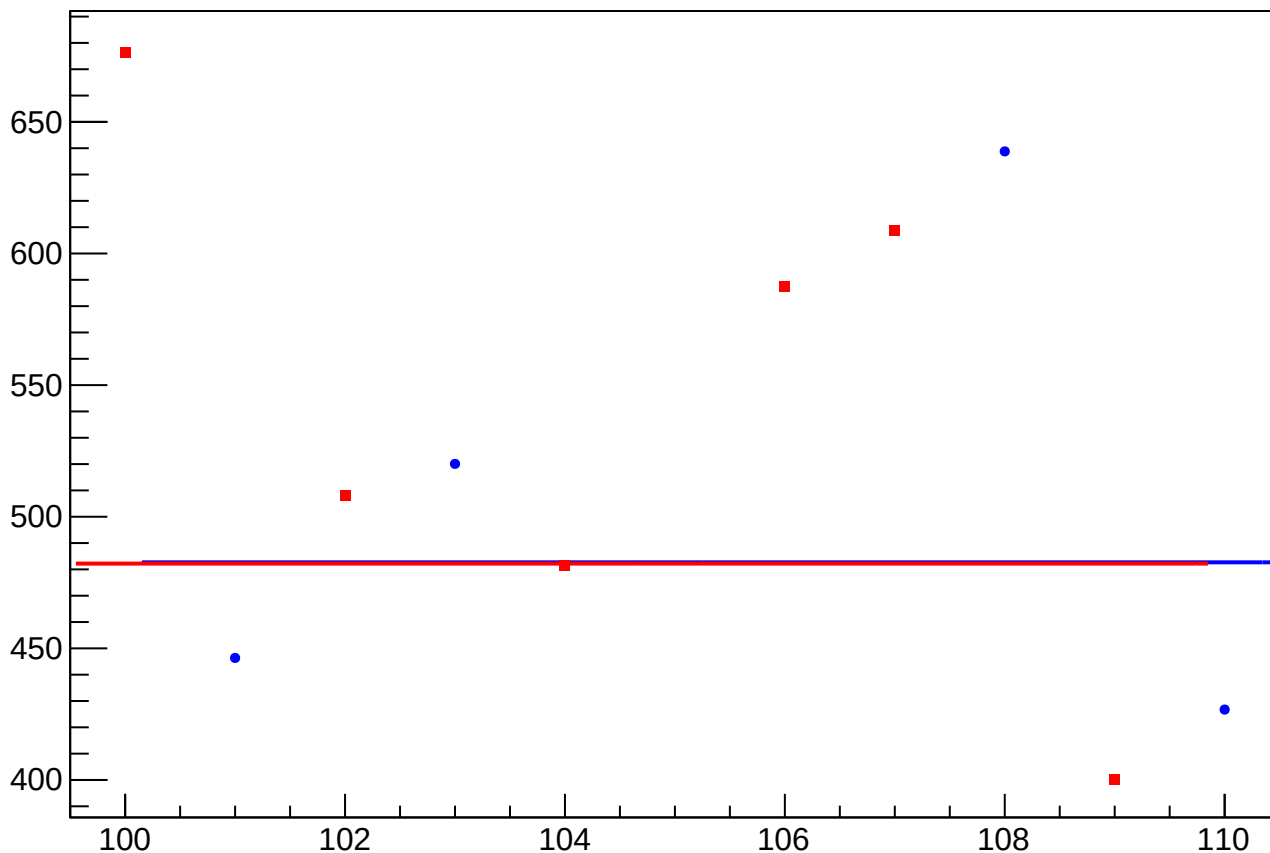
Right: 203.695+/-233.792 χ^2/NDF : 12.9/9

In: 80.615+/-342.029 χ^2/NDF : 7.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.695+/-233.792 χ^2/NDF : 12.9/9

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 482.679+/-0.242 χ^2/NDF : 74862.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 482.204+/-0.226 χ^2/NDF : 100593.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

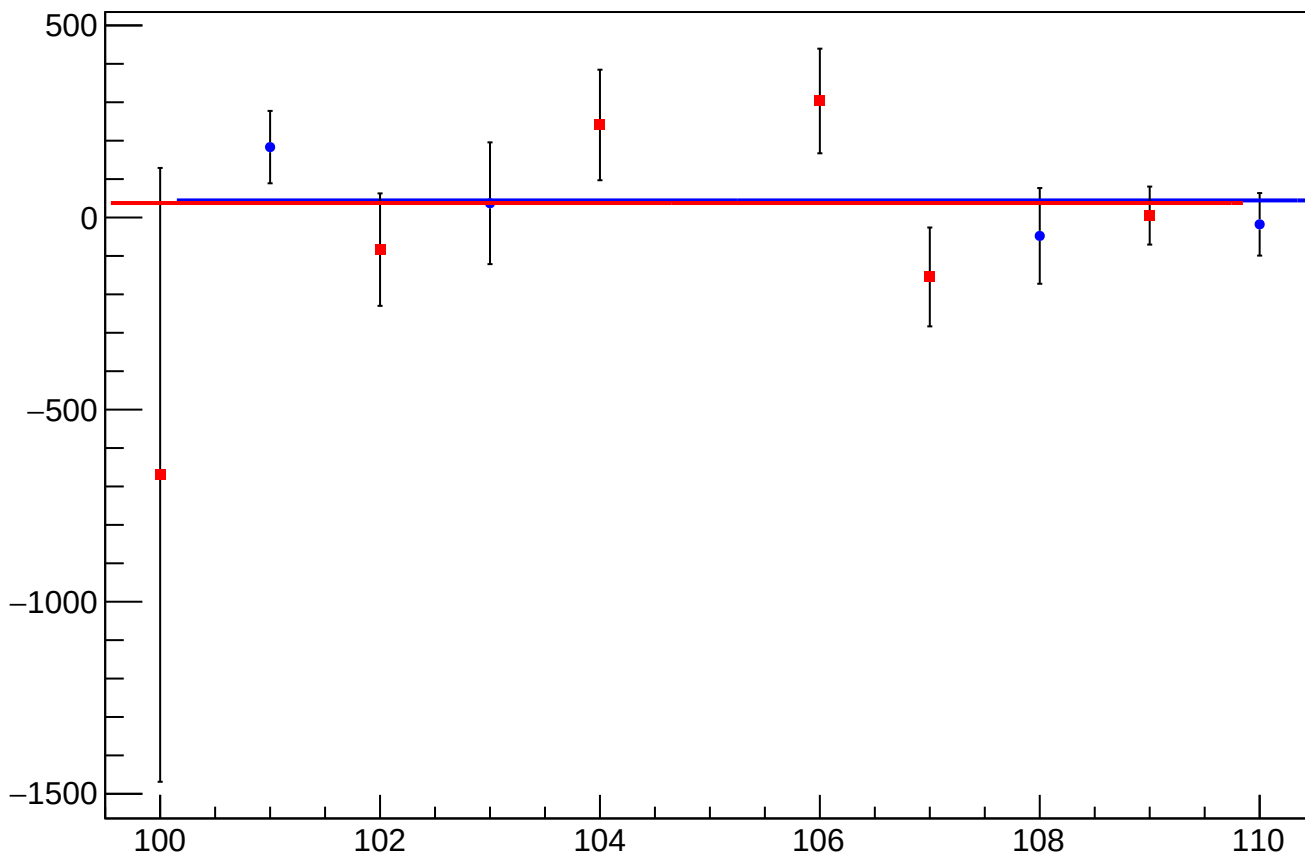
Right: 482.426+/-0.165 χ^2/NDF : 175457.3/9

In: 482.679+/-0.242 χ^2/NDF : 74862.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.426+/-0.165 χ^2/NDF : 175457.3/9

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 44.493+/-52.133 χ^2/NDF : 3.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.754+/-50.875 χ^2/NDF : 9.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

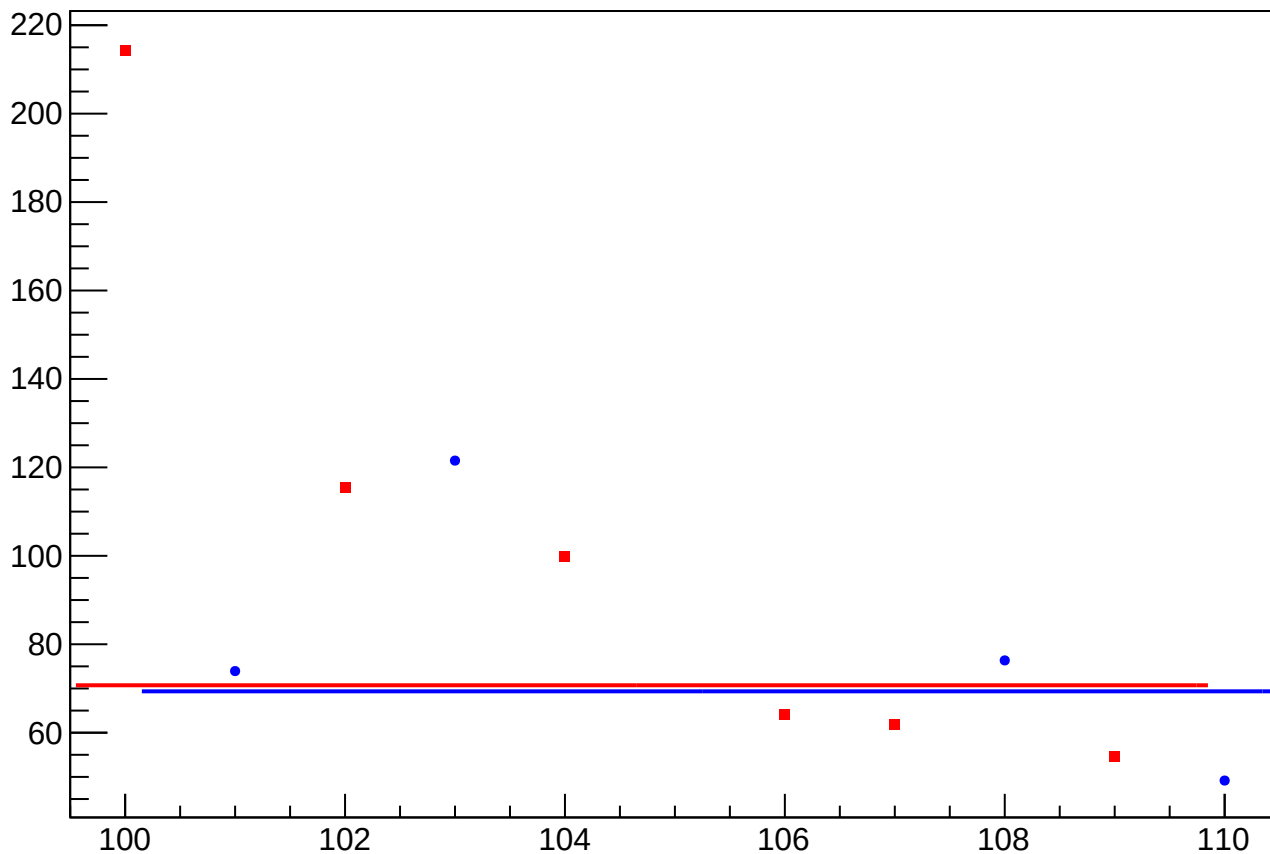
Right: 41.041+/-36.411 χ^2/NDF : 13.0/9

In: 44.493+/-52.133 χ^2/NDF : 3.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.041+/-36.411 χ^2/NDF : 13.0/9

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 69.356+/-0.037 χ^2/NDF : 350808.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.725+/-0.036 χ^2/NDF : 439813.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

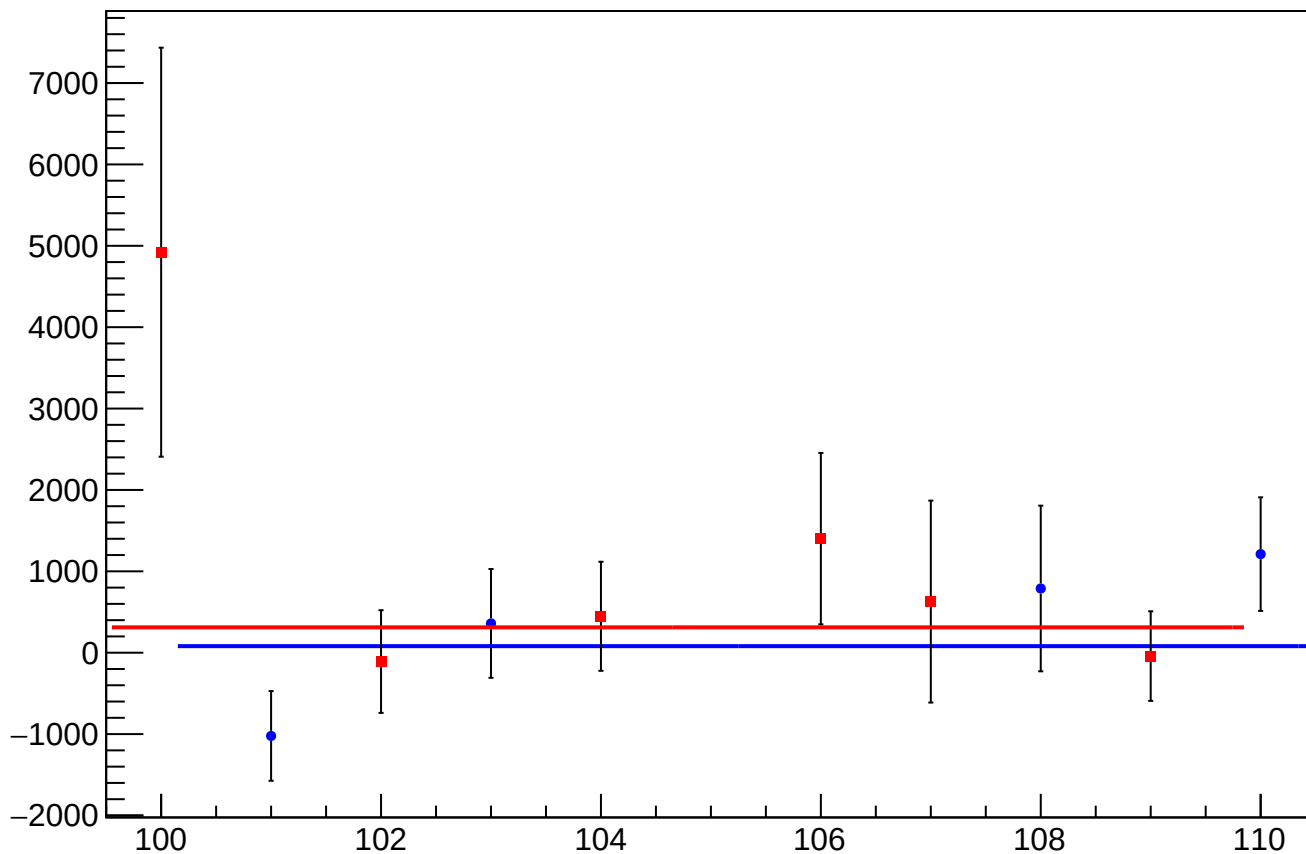
Right: 70.057+/-0.026 χ^2/NDF : 791329.0/9

In: 69.356+/-0.037 χ^2/NDF : 350808.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.057+/-0.026 χ^2/NDF : 791329.0/9

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 80.614+/-342.028 χ^2/NDF : 7.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.635+/-320.302 χ^2/NDF : 5.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

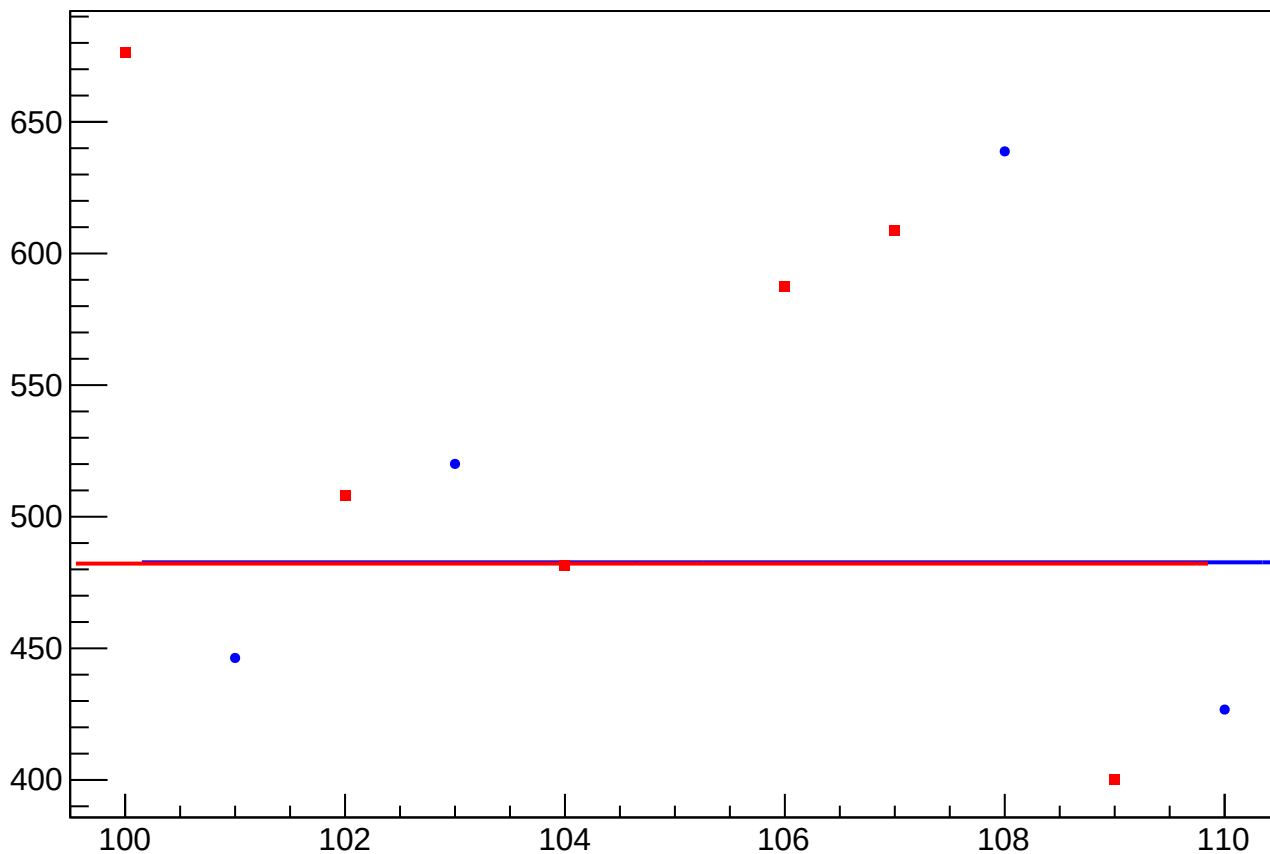
Right: 203.694+/-233.791 χ^2/NDF : 12.9/9

In: 80.614+/-342.028 χ^2/NDF : 7.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.694+/-233.791 χ^2/NDF : 12.9/9

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 482.677 $\pm$ 0.242 χ^2 /NDF: 74862.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 482.203 $\pm$ 0.226 χ^2 /NDF: 100593.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

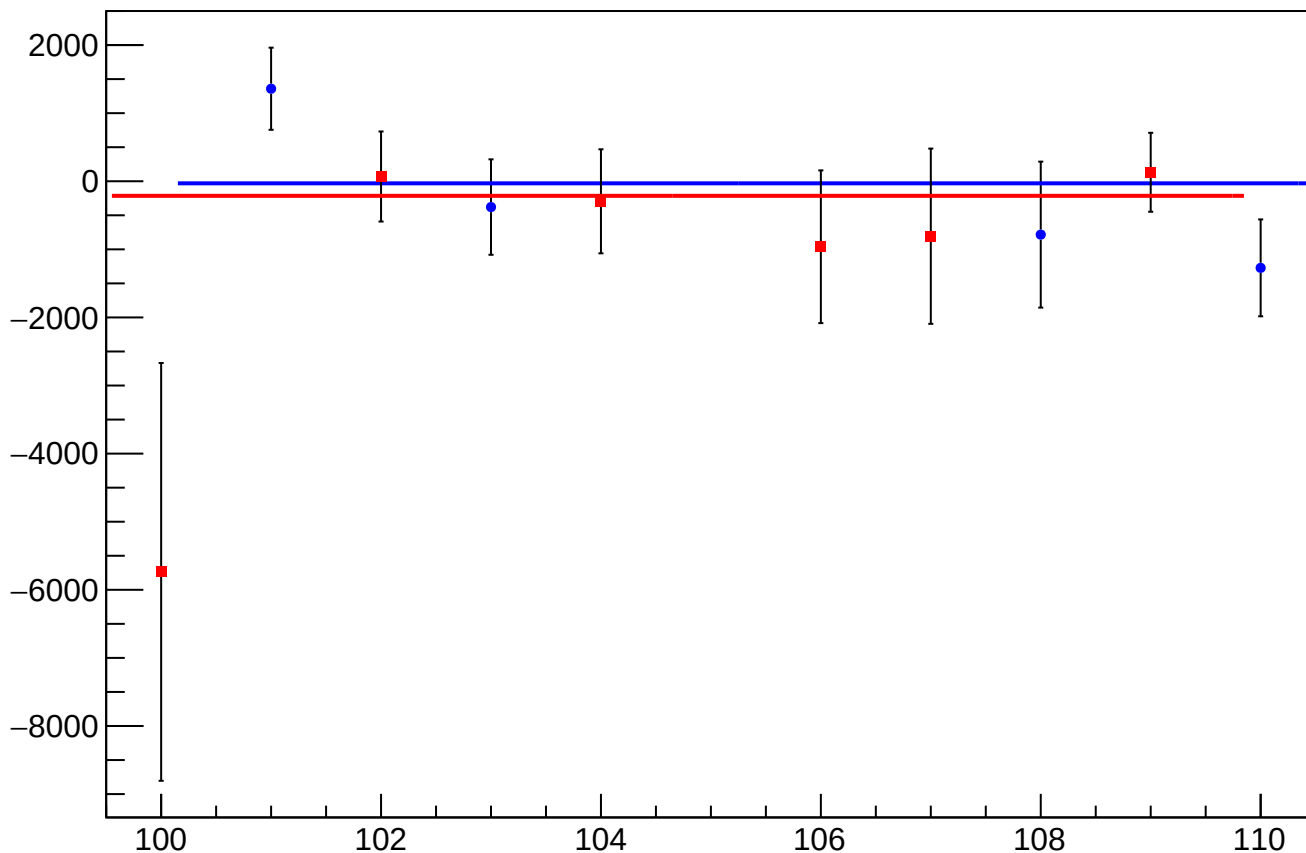
Right: 482.425 $\pm$ 0.165 χ^2 /NDF: 175457.6/9

In: 482.677 $\pm$ 0.242 χ^2 /NDF:74862.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 482.425 $\pm$ 0.165 χ^2 /NDF: 175457.6/9

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -30.393 ± 362.039 χ^2/NDF : 9.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -214.067 ± 343.387 χ^2/NDF : 4.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

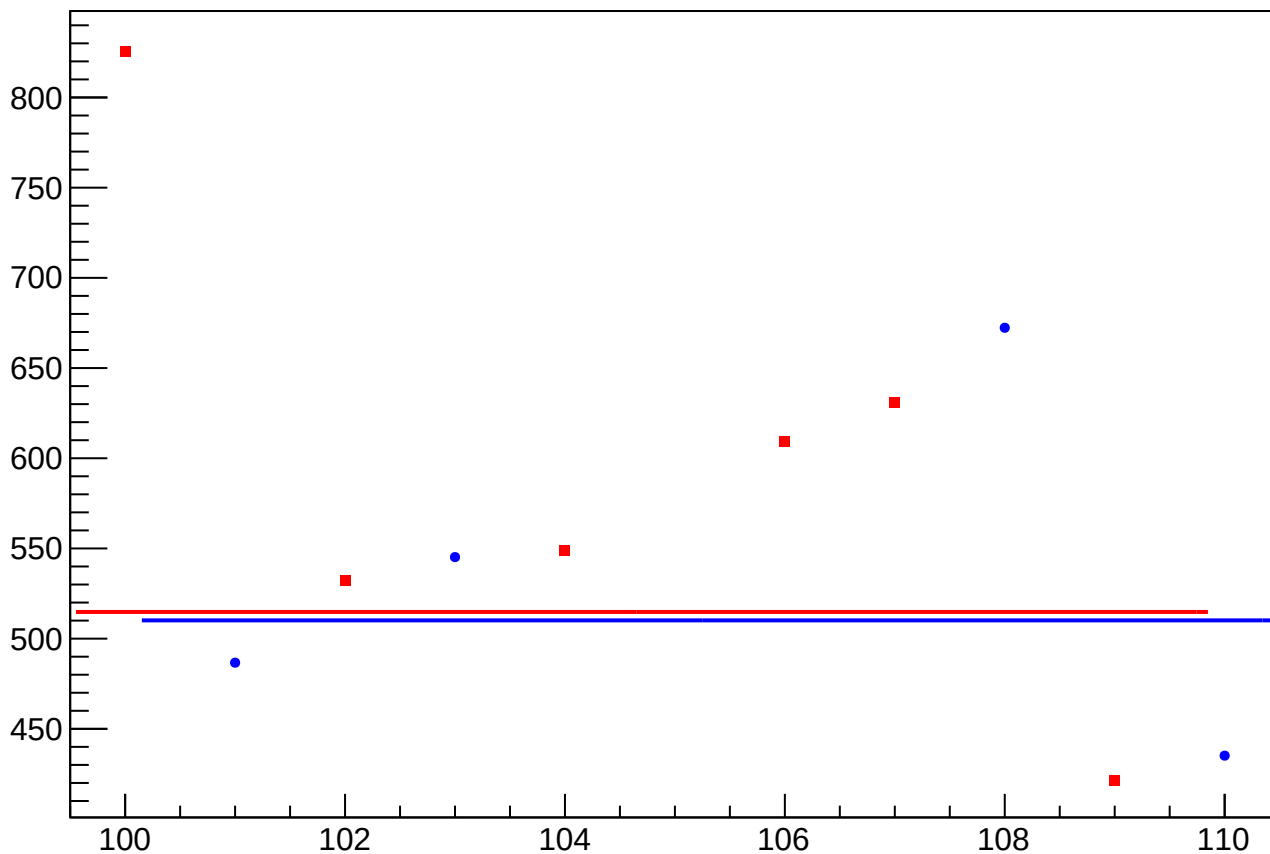
Right: -127.083 ± 249.144 χ^2/NDF : 13.7/9

In: -30.393 ± 362.039 χ^2/NDF : 9.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -127.083 ± 249.144 χ^2/NDF : 13.7/9

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 510.133+/-0.256 χ^2/NDF : 76047.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.796+/-0.243 χ^2/NDF : 108136.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

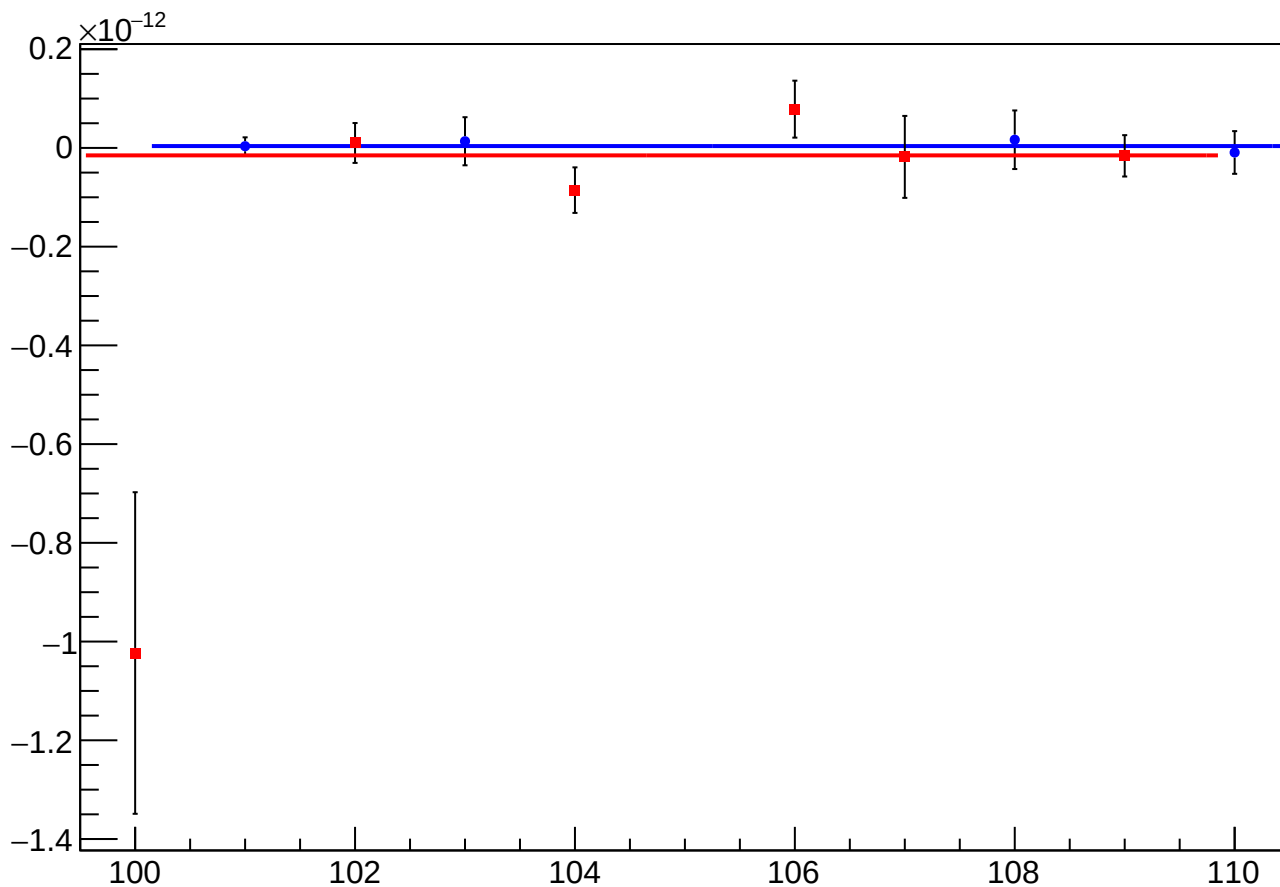
Right: 512.588+/-0.176 χ^2/NDF : 184358.4/9

In: 510.133+/-0.256 χ^2/NDF : 76047.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.588+/-0.176 χ^2/NDF : 184358.4/9

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

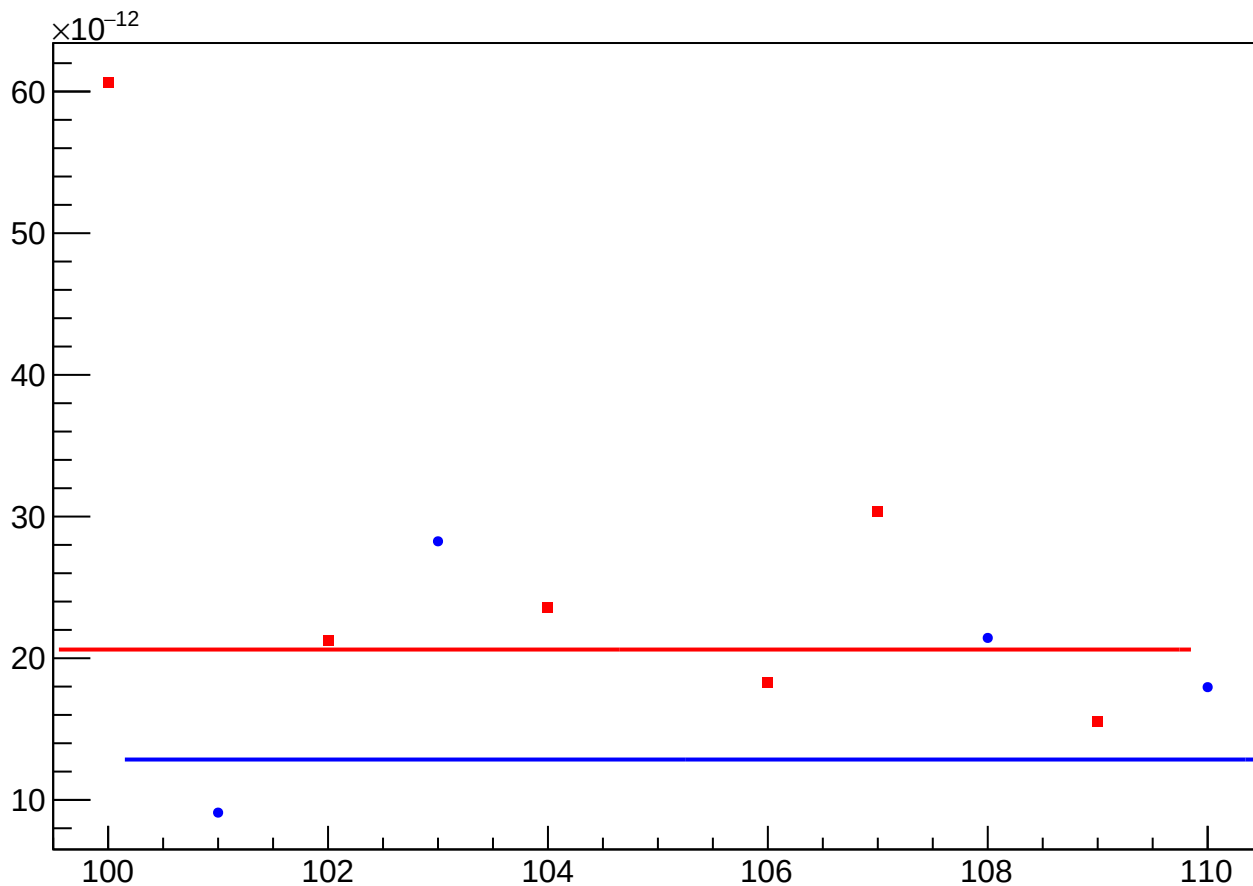
Right: -0.000+/-0.000 χ^2/NDF : 15.6/9

In: 0.000+/-0.000 χ^2/NDF : 0.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.6/9

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 356969.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 99424.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

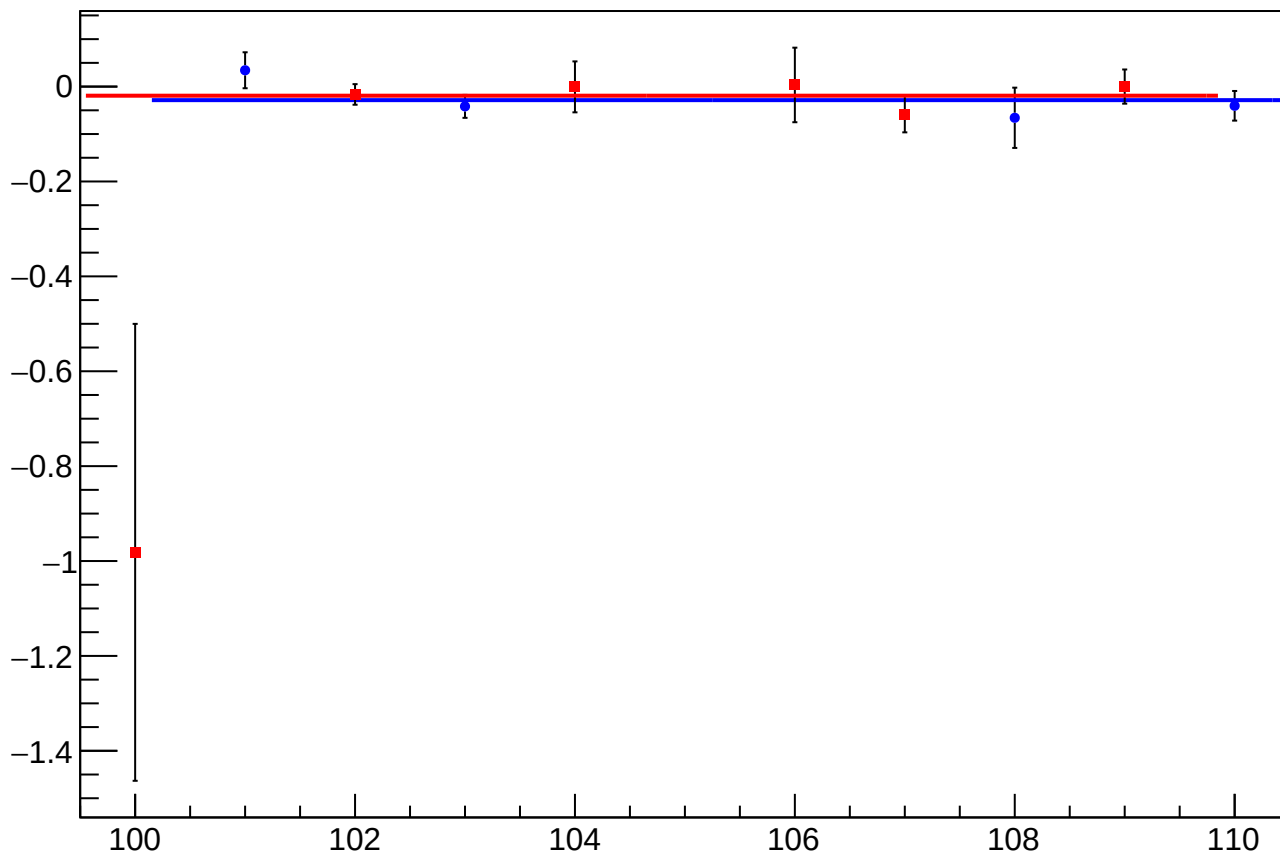
Right: 0.000+/-0.000 χ^2/NDF : 627525.3/9

In: 0.000+/-0.000 χ^2/NDF : 356969.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 627525.3/9

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.016 χ^2 /NDF: 3.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.016 χ^2 /NDF: 5.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

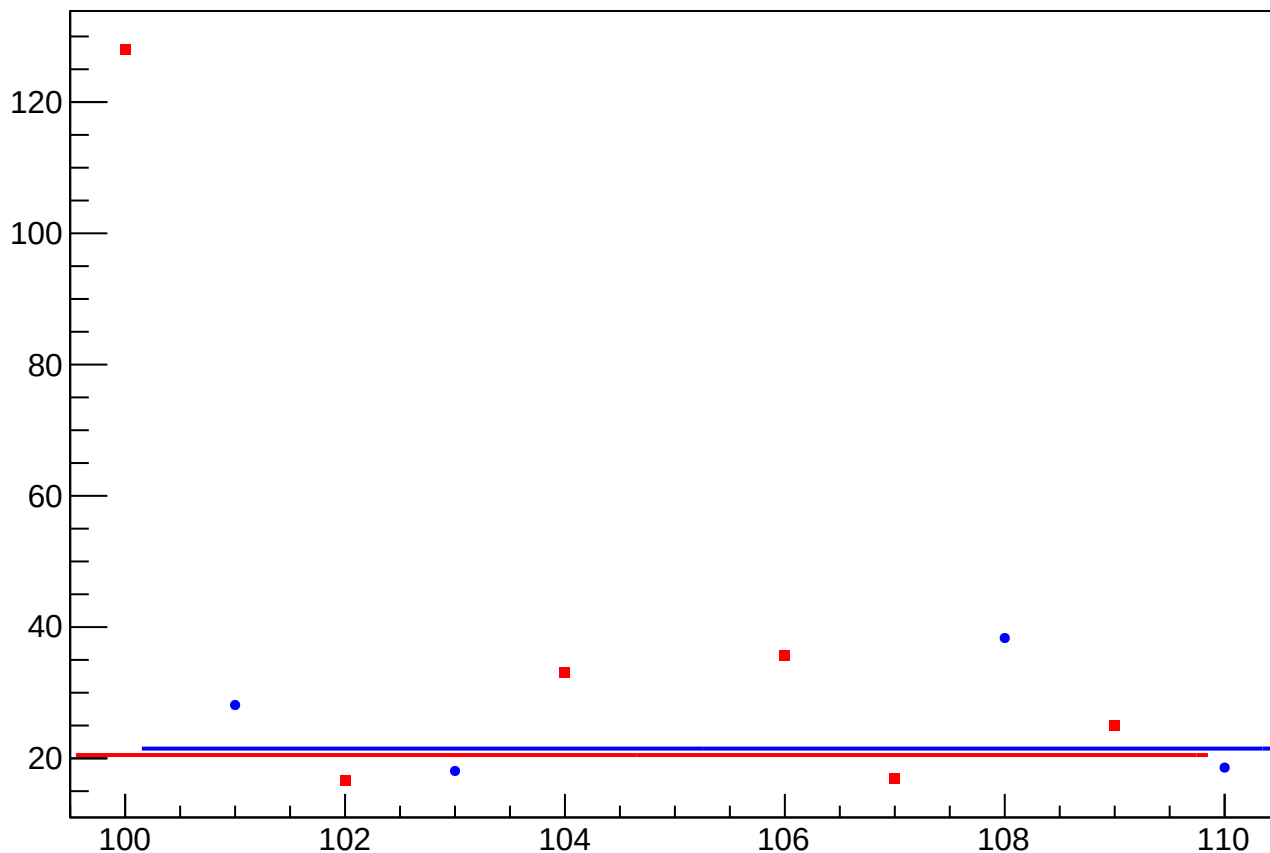
Right: -0.024 $\pm$ 0.011 χ^2 /NDF: 9.2/9

In: -0.029 $\pm$ 0.016 χ^2 /NDF:3.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.011 χ^2 /NDF: 9.2/9

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.486+/-0.012 χ^2/NDF : 259091.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.505+/-0.011 χ^2/NDF : 398548.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

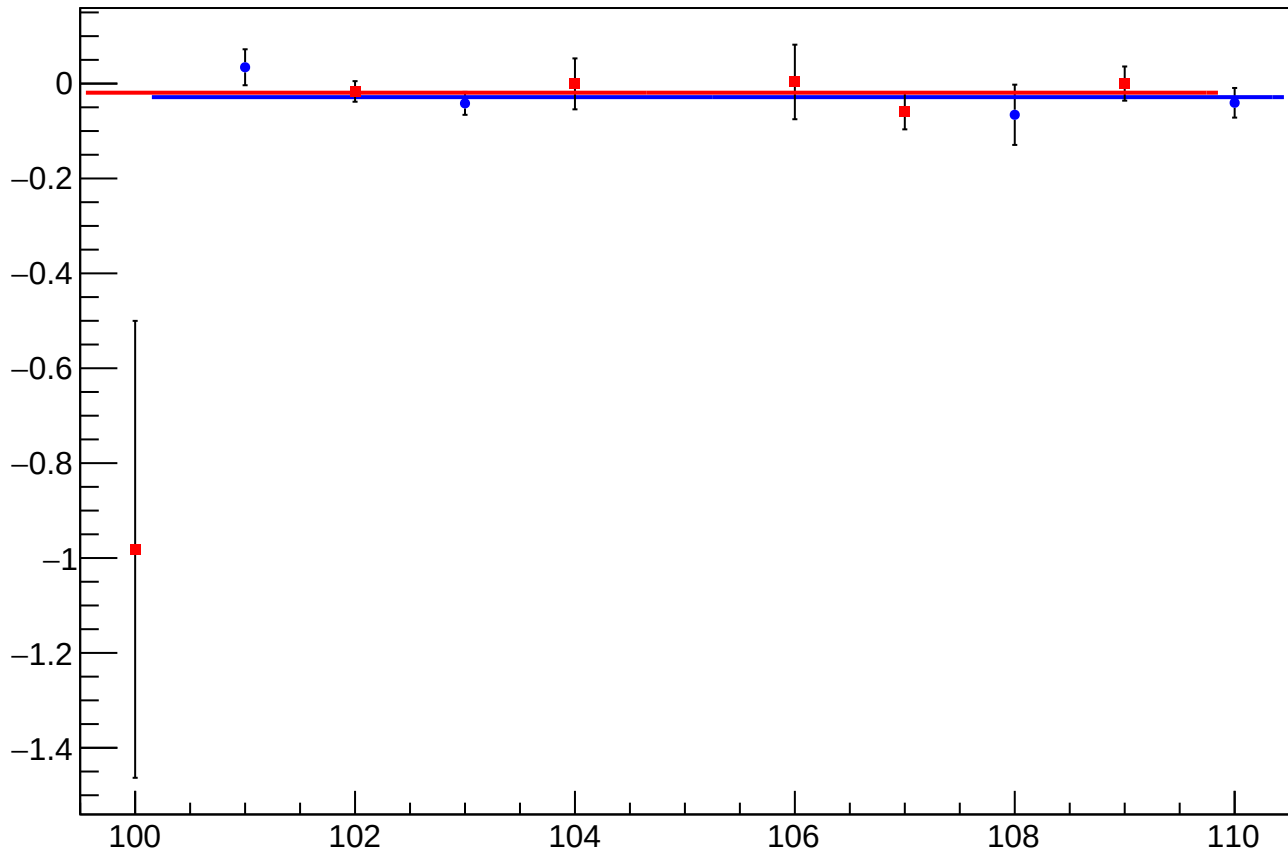
Right: 20.970+/-0.008 χ^2/NDF : 661362.3/9

In: 21.486+/-0.012 χ^2/NDF : 259091.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.970+/-0.008 χ^2/NDF : 661362.3/9

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.016 χ^2 /NDF: 3.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.016 χ^2 /NDF: 5.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

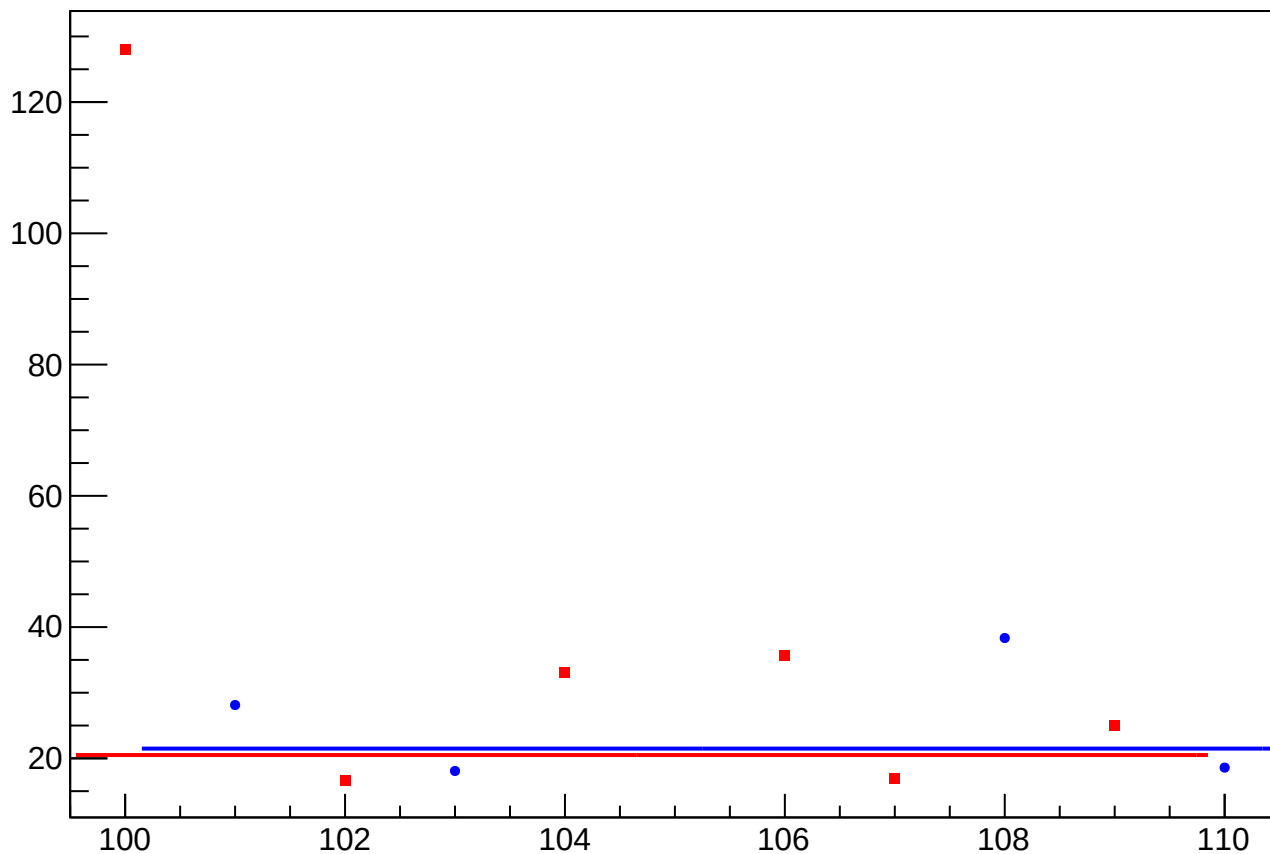
Right: -0.024 $\pm$ 0.011 χ^2 /NDF: 9.2/9

In: -0.029 $\pm$ 0.016 χ^2 /NDF:3.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.011 χ^2 /NDF: 9.2/9

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.486+/-0.012 χ^2/NDF : 259091.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.505+/-0.011 χ^2/NDF : 398548.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

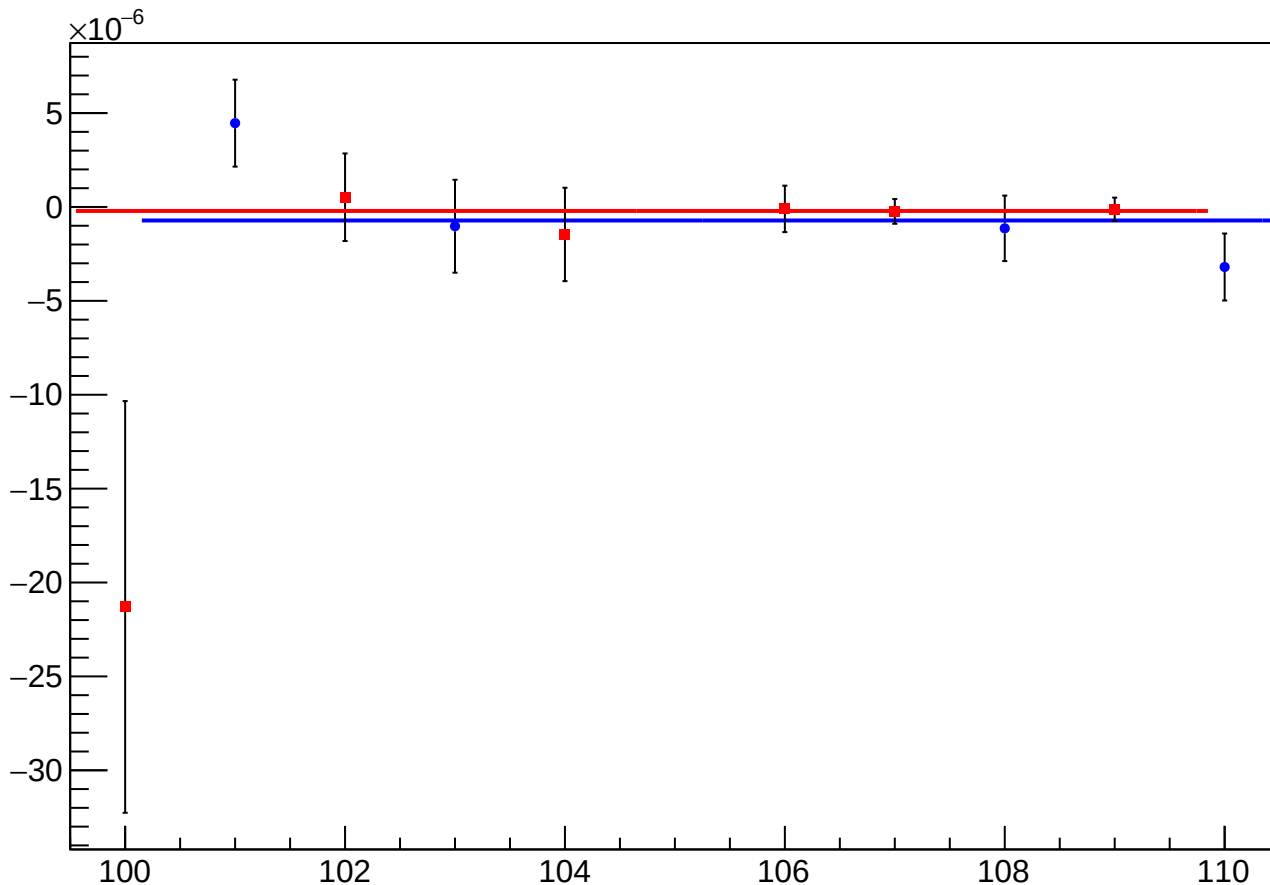
Right: 20.970+/-0.008 χ^2/NDF : 661362.3/9

In: 21.486+/-0.012 χ^2/NDF : 259091.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.970+/-0.008 χ^2/NDF : 661362.3/9

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

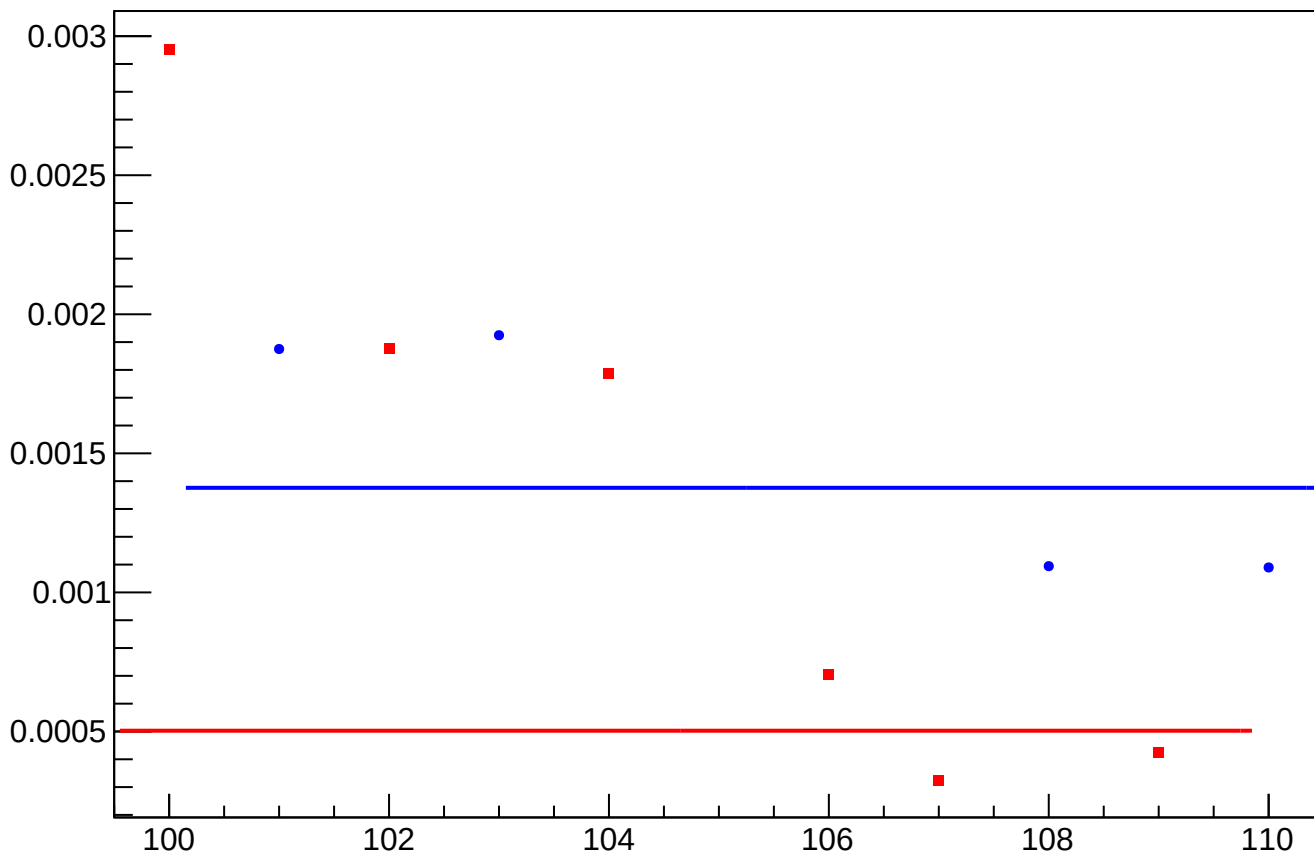
Right: -0.000+/-0.000 χ^2/NDF : 11.3/9

In: -0.000+/-0.000 χ^2/NDF : 7.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.3/9

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 295020.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1561083.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

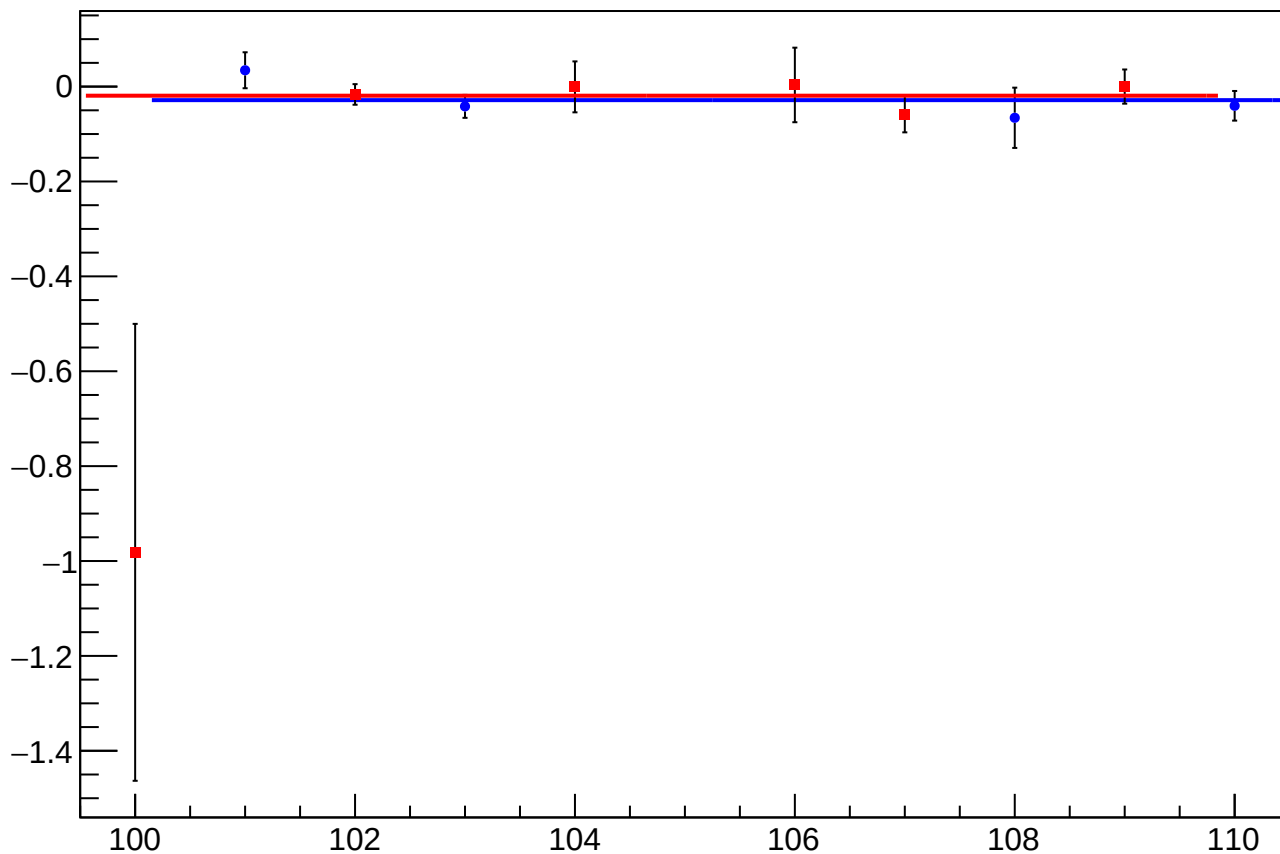
Right: 0.001+/-0.000 χ^2/NDF : 3152739.3/9

In: 0.001+/-0.000 χ^2/NDF : 295020.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3152739.3/9

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.016 χ^2/NDF : 3.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.019 ± 0.016 χ^2/NDF : 5.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

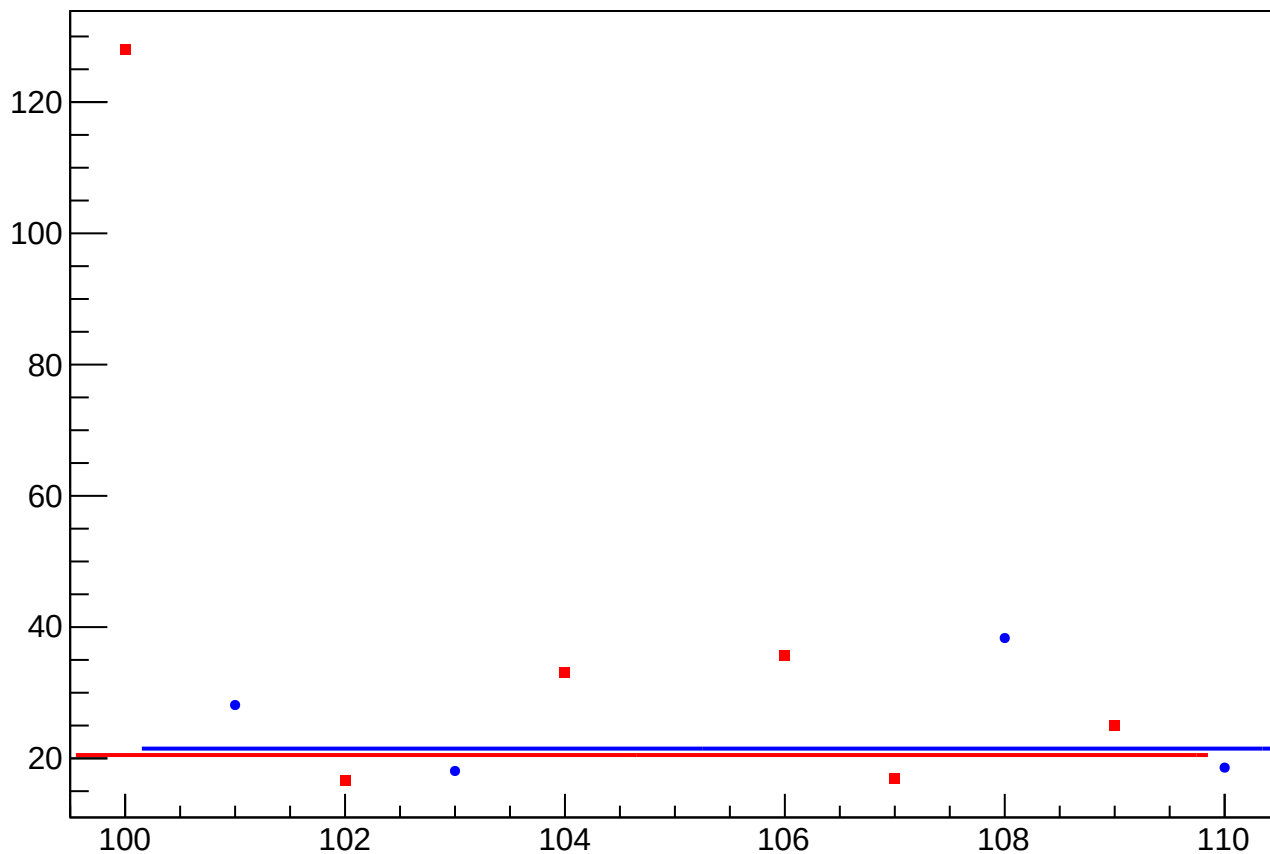
Right: -0.024 ± 0.011 χ^2/NDF : 9.2/9

In: -0.029 ± 0.016 χ^2/NDF : 3.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.024 ± 0.011 χ^2/NDF : 9.2/9

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.486+/-0.012 χ^2/NDF : 259095.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.506+/-0.011 χ^2/NDF : 398552.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

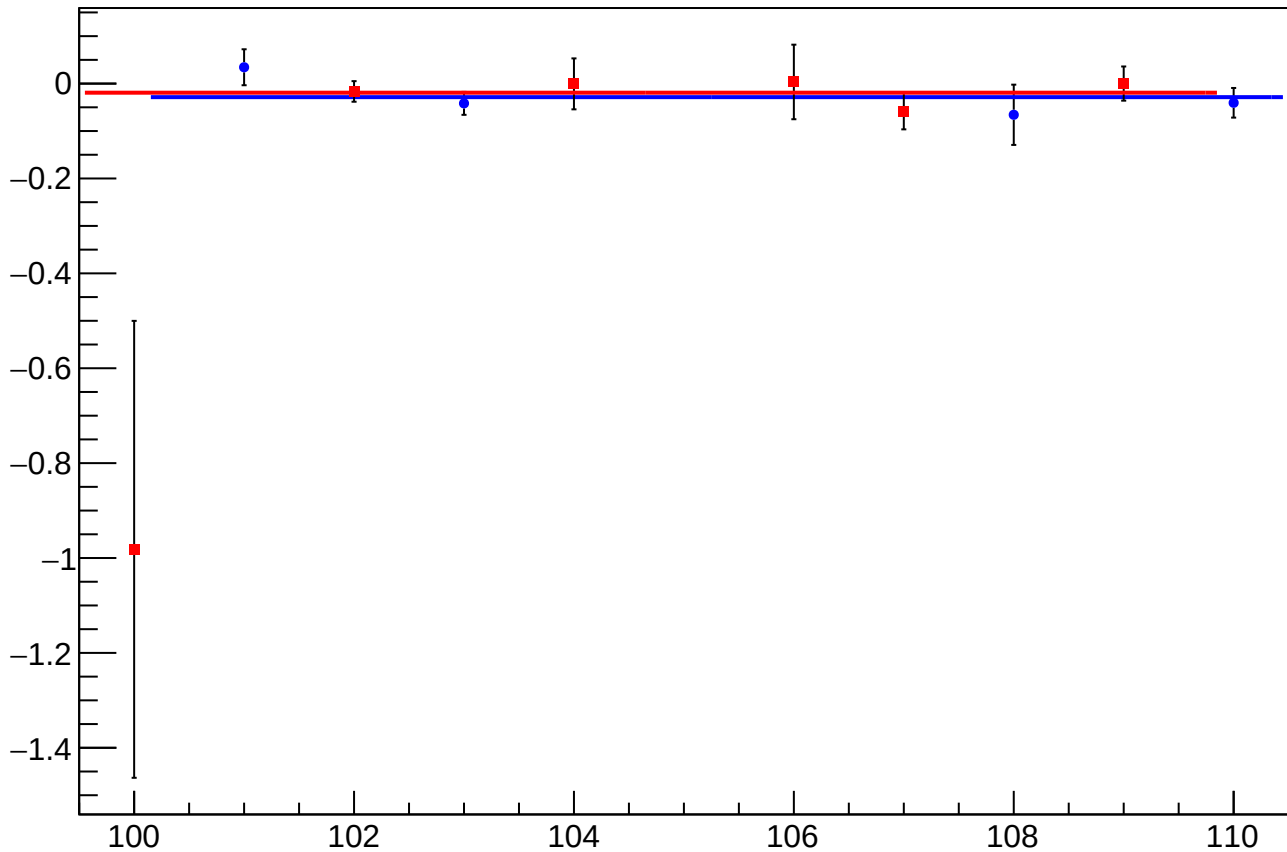
Right: 20.971+/-0.008 χ^2/NDF : 661369.8/9

In: 21.486+/-0.012 χ^2/NDF : 259095.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.971+/-0.008 χ^2/NDF : 661369.8/9

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.016 χ^2 /NDF: 3.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.016 χ^2 /NDF: 5.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

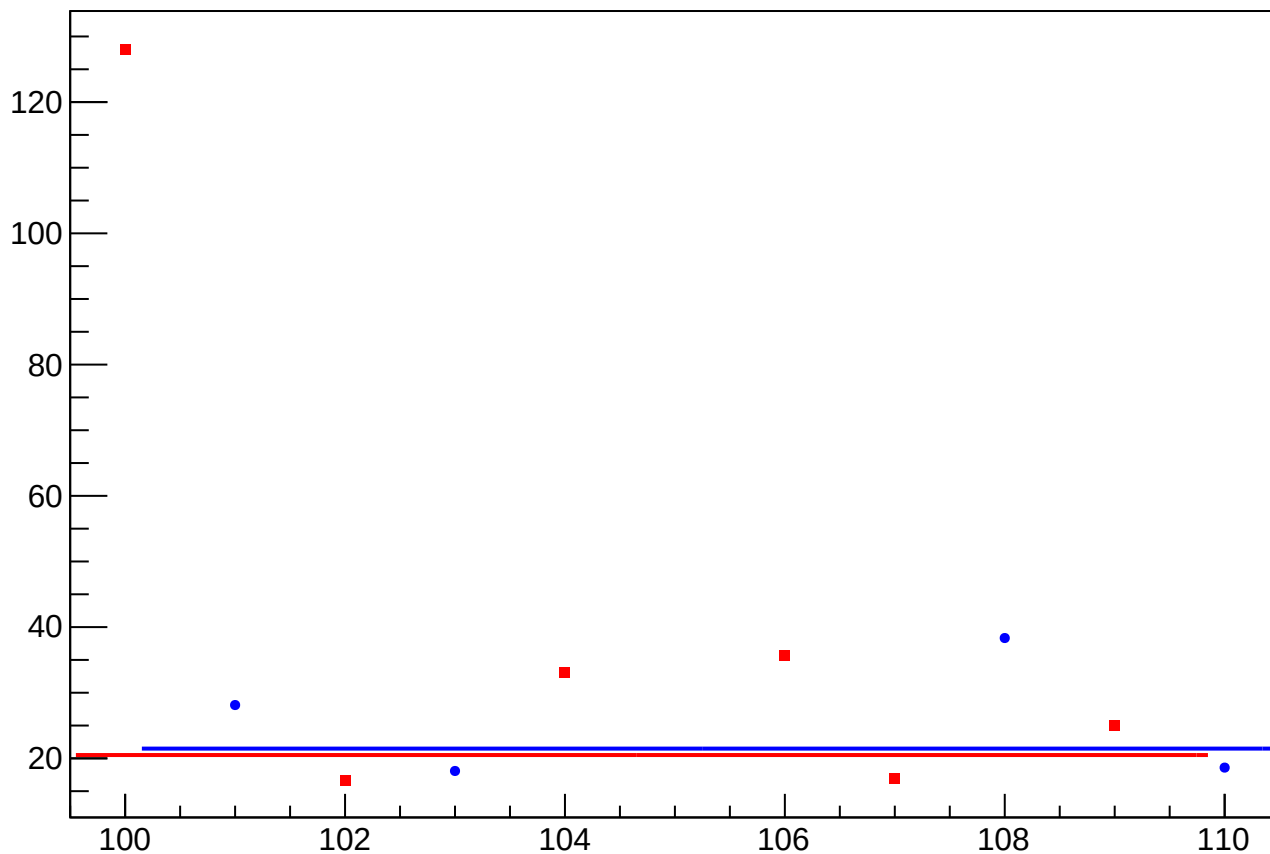
Right: -0.024 $\pm$ 0.011 χ^2 /NDF: 9.2/9

In: -0.029 $\pm$ 0.016 χ^2 /NDF:3.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.011 χ^2 /NDF: 9.2/9

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.486+/-0.012 χ^2/NDF : 259095.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.506+/-0.011 χ^2/NDF : 398552.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

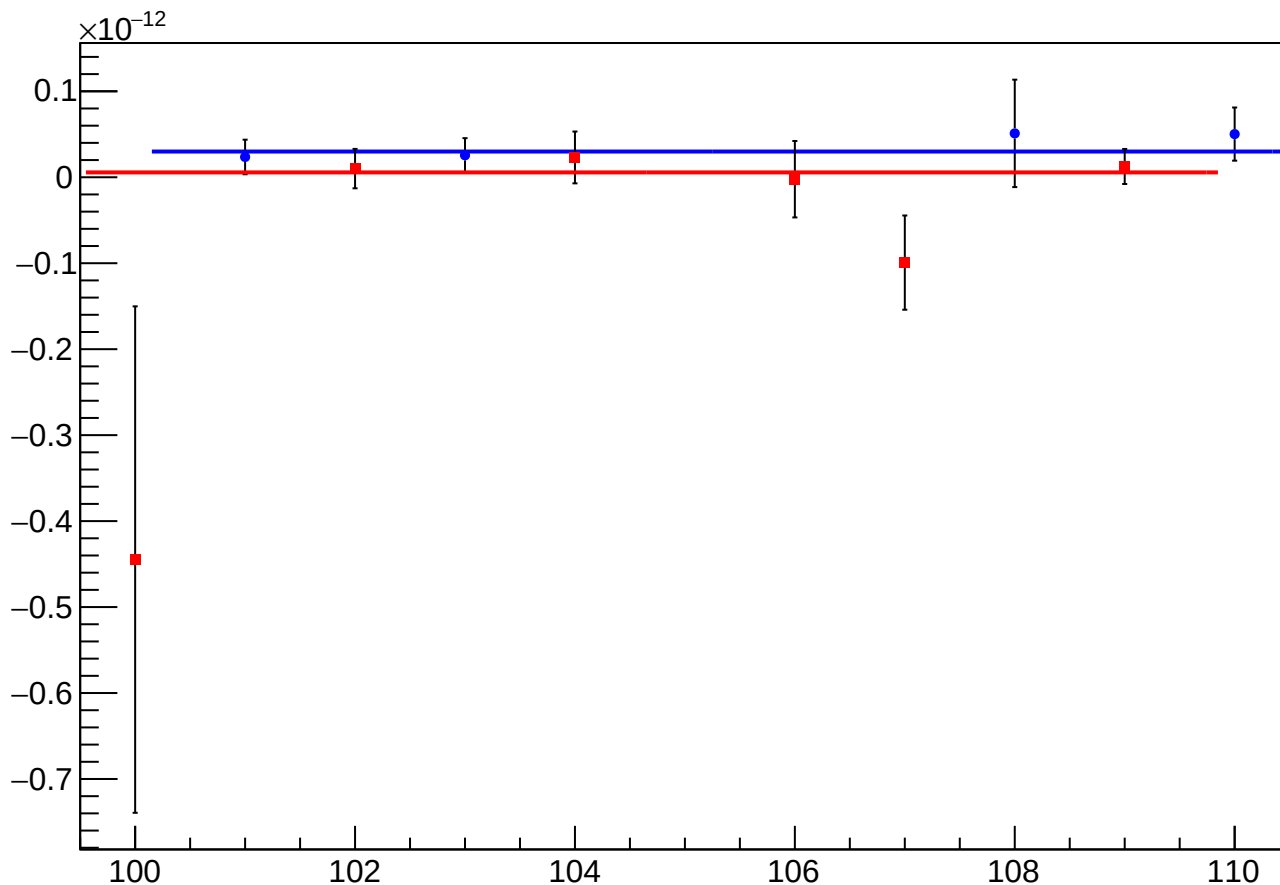
Right: 20.971+/-0.008 χ^2/NDF : 661369.8/9

In: 21.486+/-0.012 χ^2/NDF : 259095.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.971+/-0.008 χ^2/NDF : 661369.8/9

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

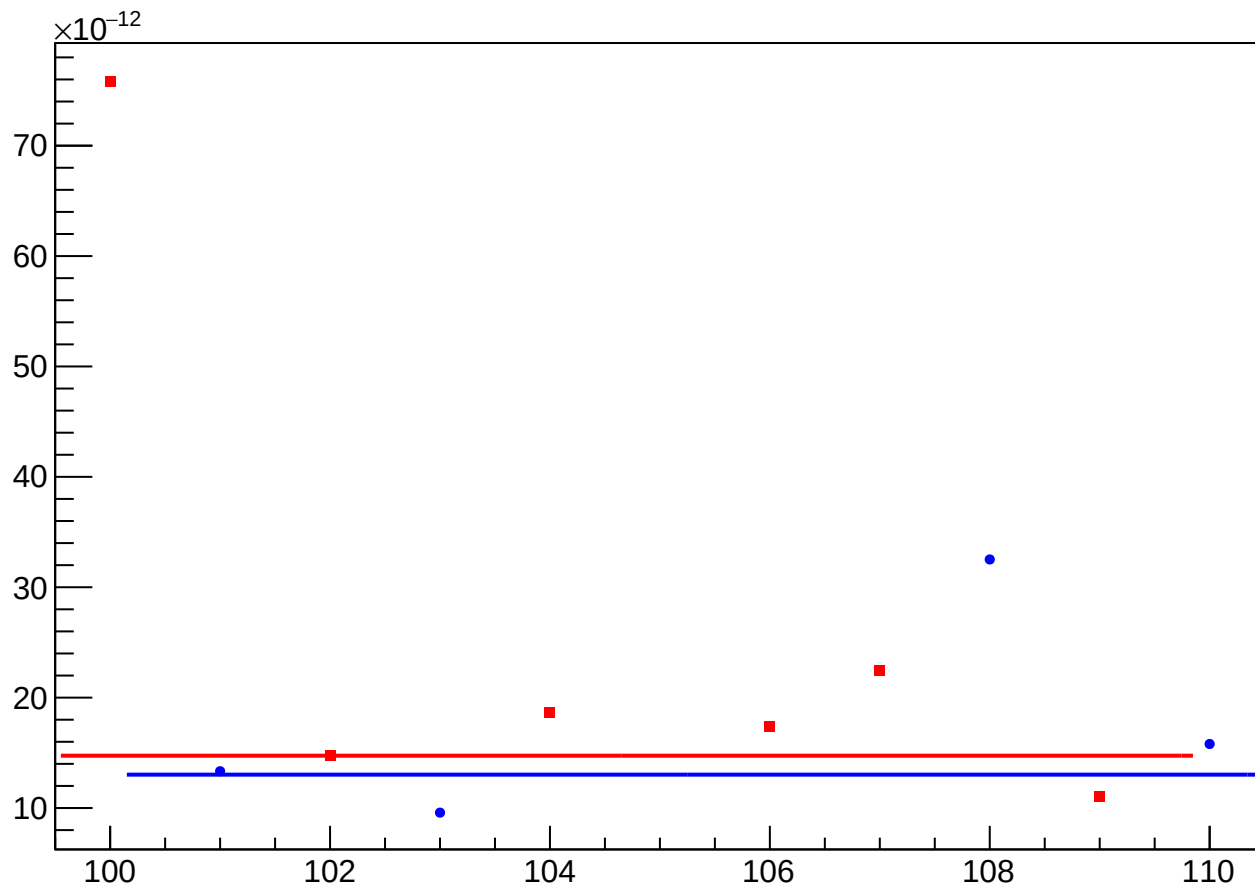
Right: 0.000+/-0.000 χ^2/NDF : 9.1/9

In: 0.000+/-0.000 χ^2/NDF : 0.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.1/9

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 270913.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 230535.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

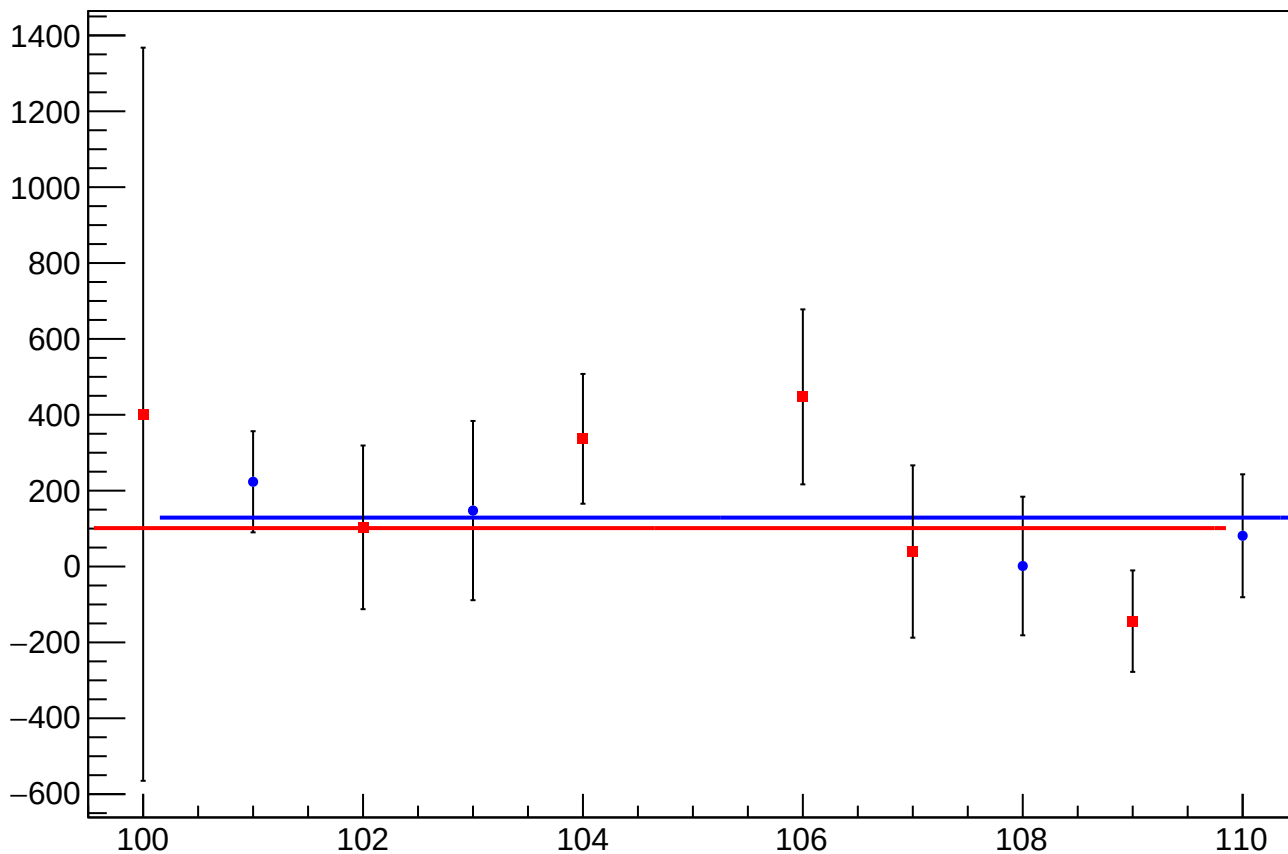
Right: 0.000+/-0.000 χ^2/NDF : 519964.8/9

In: 0.000+/-0.000 χ^2/NDF : 270913.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 519964.8/9

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 128.931 $\pm$ 83.851 χ^2 /NDF: 1.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.295 $\pm$ 81.425 χ^2 /NDF: 7.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

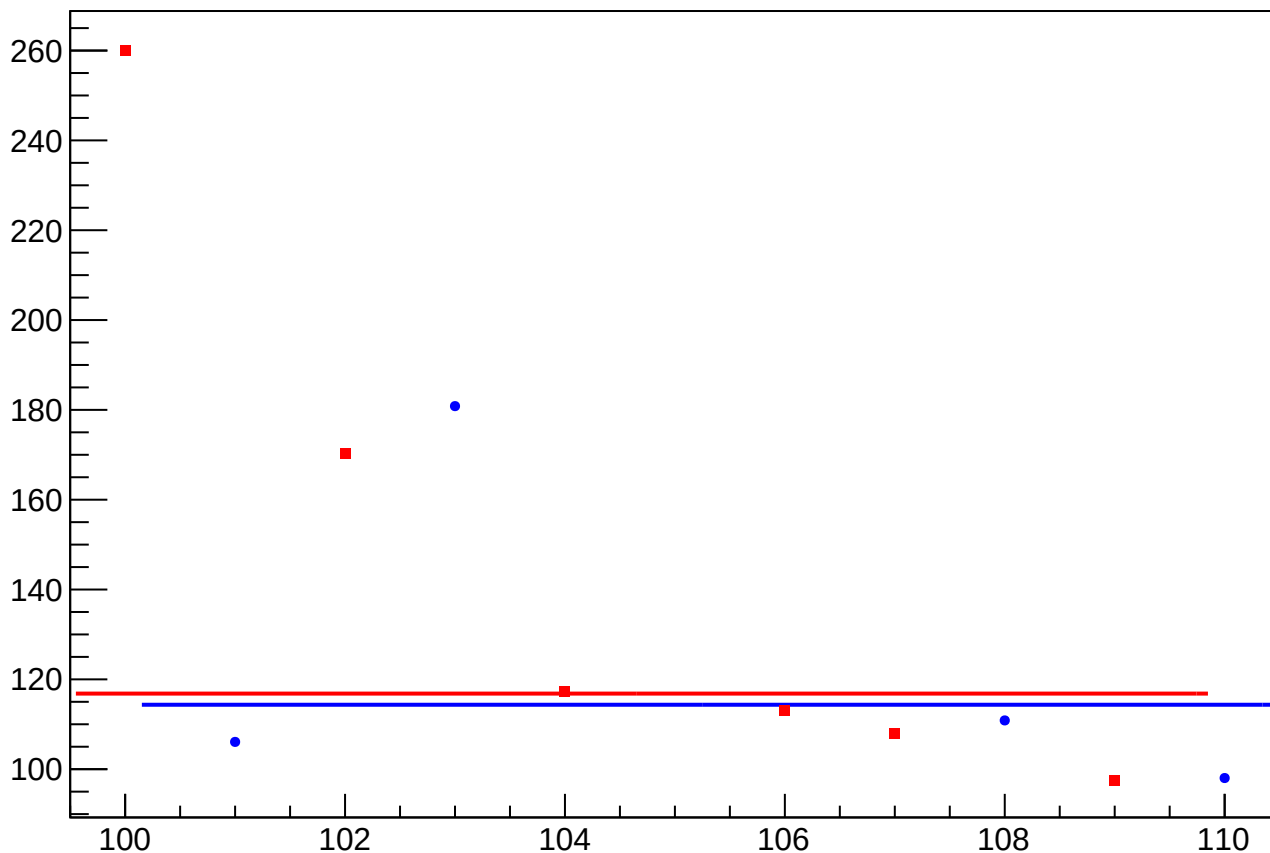
Right: 114.707 $\pm$ 58.415 χ^2 /NDF: 8.8/9

In: 128.931 $\pm$ 83.851 χ^2 /NDF: 1.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 114.707 $\pm$ 58.415 χ^2 /NDF: 8.8/9

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 114.346+/-0.059 χ^2/NDF : 187133.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.830+/-0.058 χ^2/NDF : 212164.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

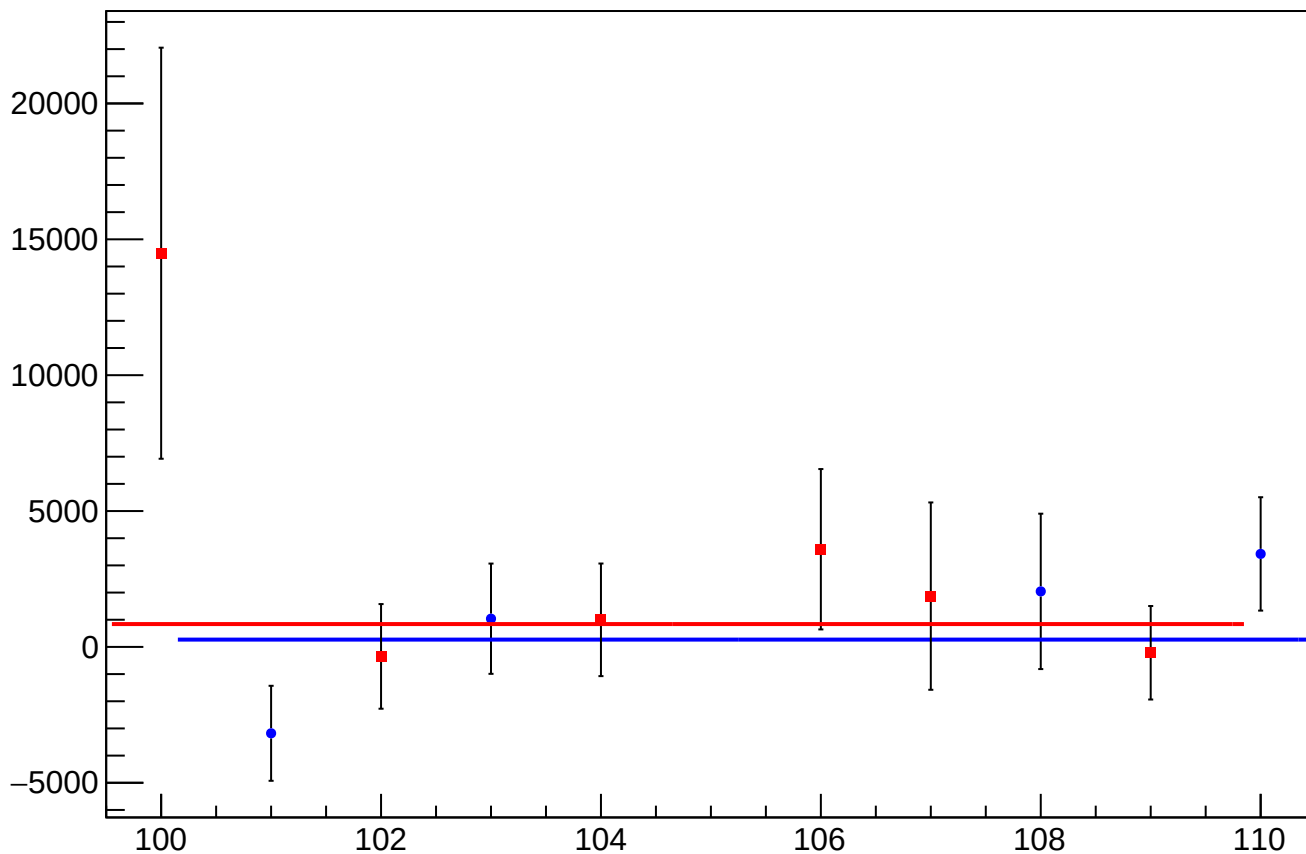
Right: 115.625+/-0.041 χ^2/NDF : 400201.2/9

In: 114.346+/-0.059 χ^2/NDF : 187133.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.625+/-0.041 χ^2/NDF : 400201.2/9

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 269.082+/-1041.281 χ^2/NDF : 6.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 840.817+/-972.670 χ^2/NDF : 5.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

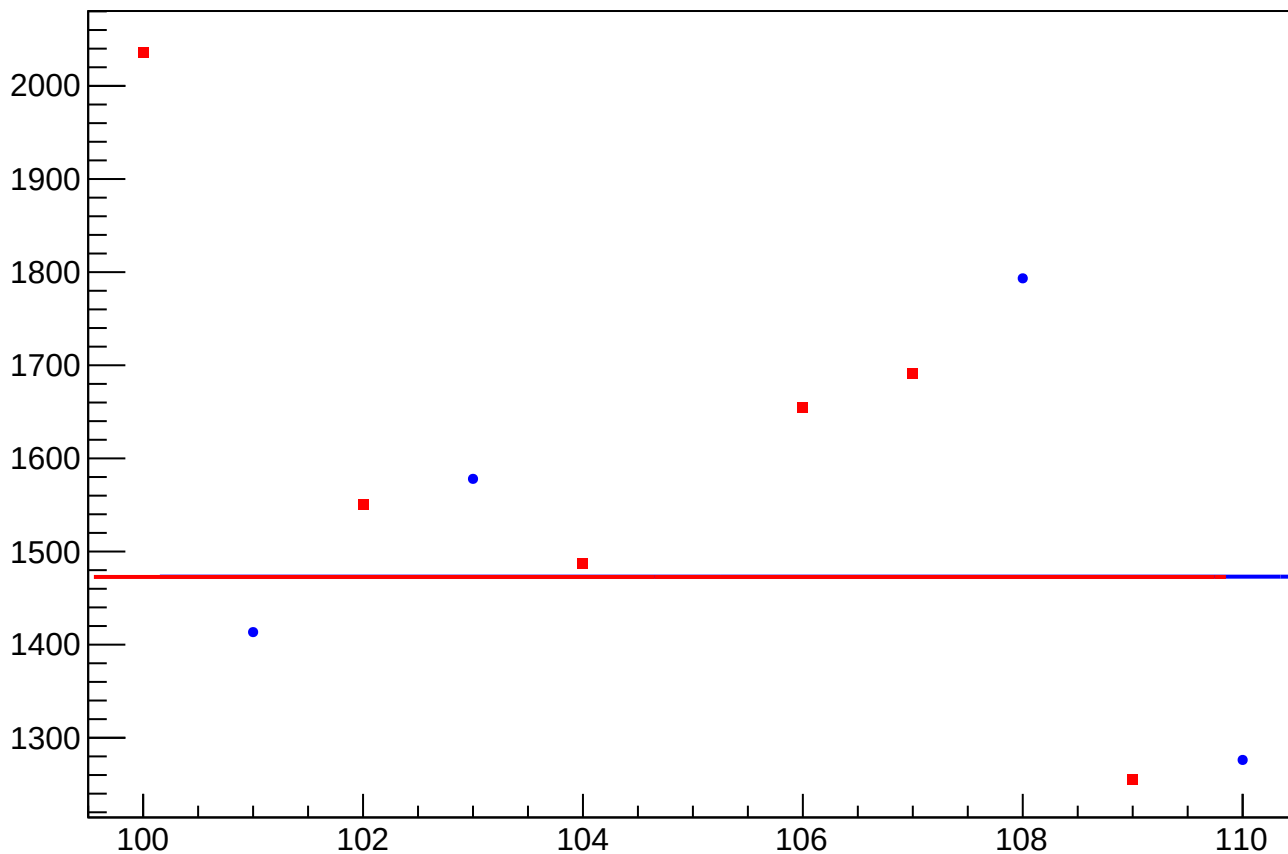
Right: 574.405+/-710.801 χ^2/NDF : 11.8/9

In: 269.082+/-1041.281 χ^2/NDF : 6.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.405+/-710.801 χ^2/NDF : 11.8/9

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1473.016+/-0.736 χ^2/NDF : 50584.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1472.695+/-0.688 χ^2/NDF : 62125.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

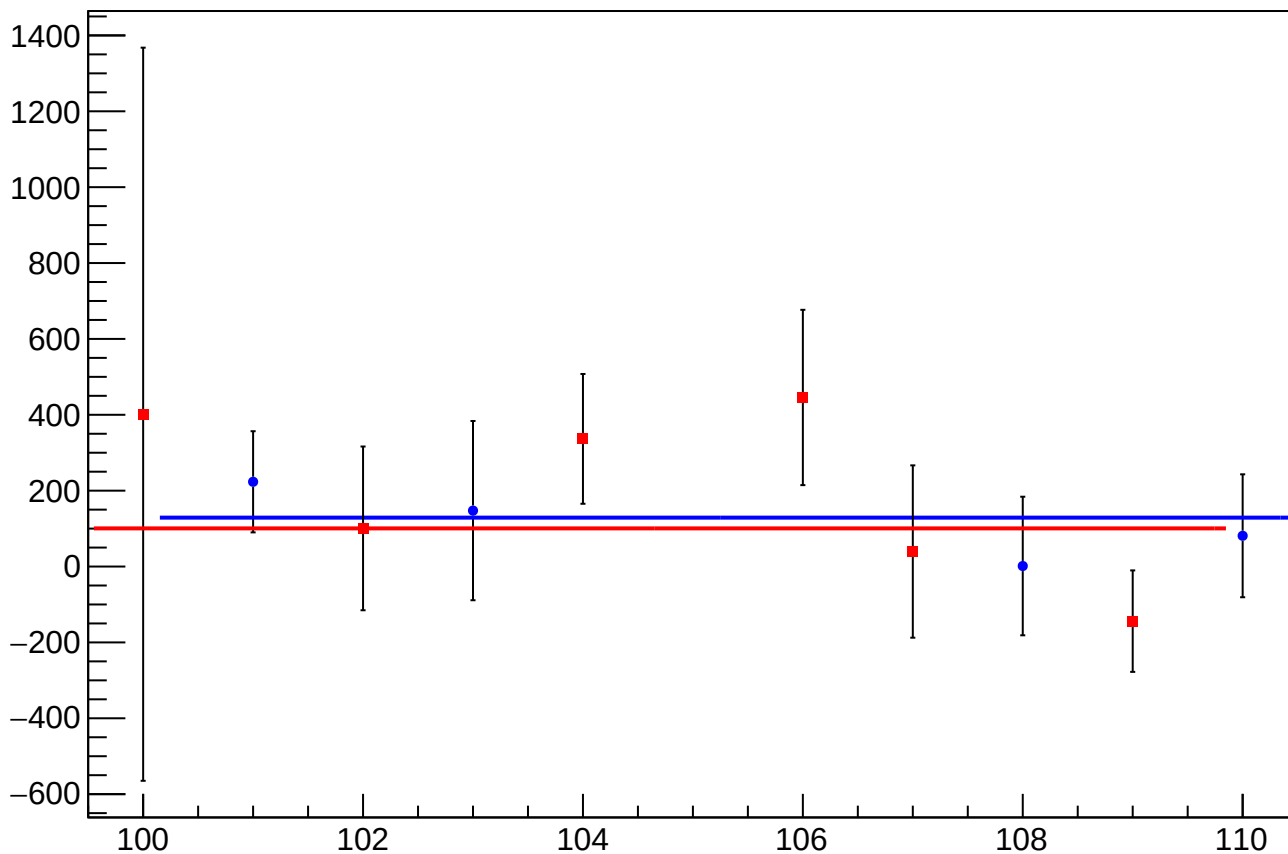
Right: 1472.845+/-0.503 χ^2/NDF : 112709.3/9

In: 1473.016+/-0.736 χ^2/NDF : 50584.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1472.845+/-0.503 χ^2/NDF : 112709.3/9

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 128.914 $\pm$ 83.851 χ^2 /NDF: 1.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.550 $\pm$ 81.450 χ^2 /NDF: 7.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

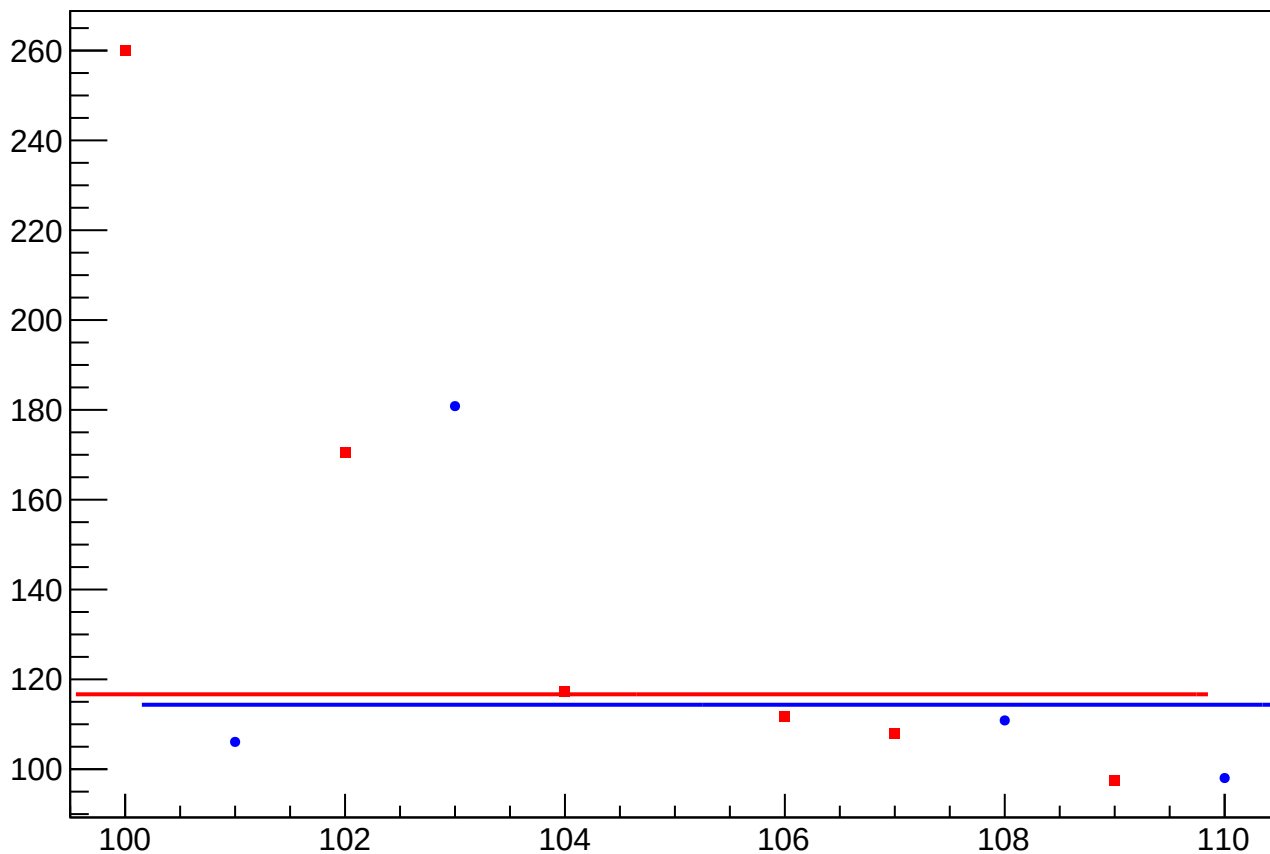
Right: 114.320 $\pm$ 58.424 χ^2 /NDF: 8.8/9

In: 128.914 $\pm$ 83.851 χ^2 /NDF:1.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.320 $\pm$ 58.424 χ^2 /NDF: 8.8/9

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 114.346+/-0.059 χ^2/NDF : 187137.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.672+/-0.058 χ^2/NDF : 212860.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

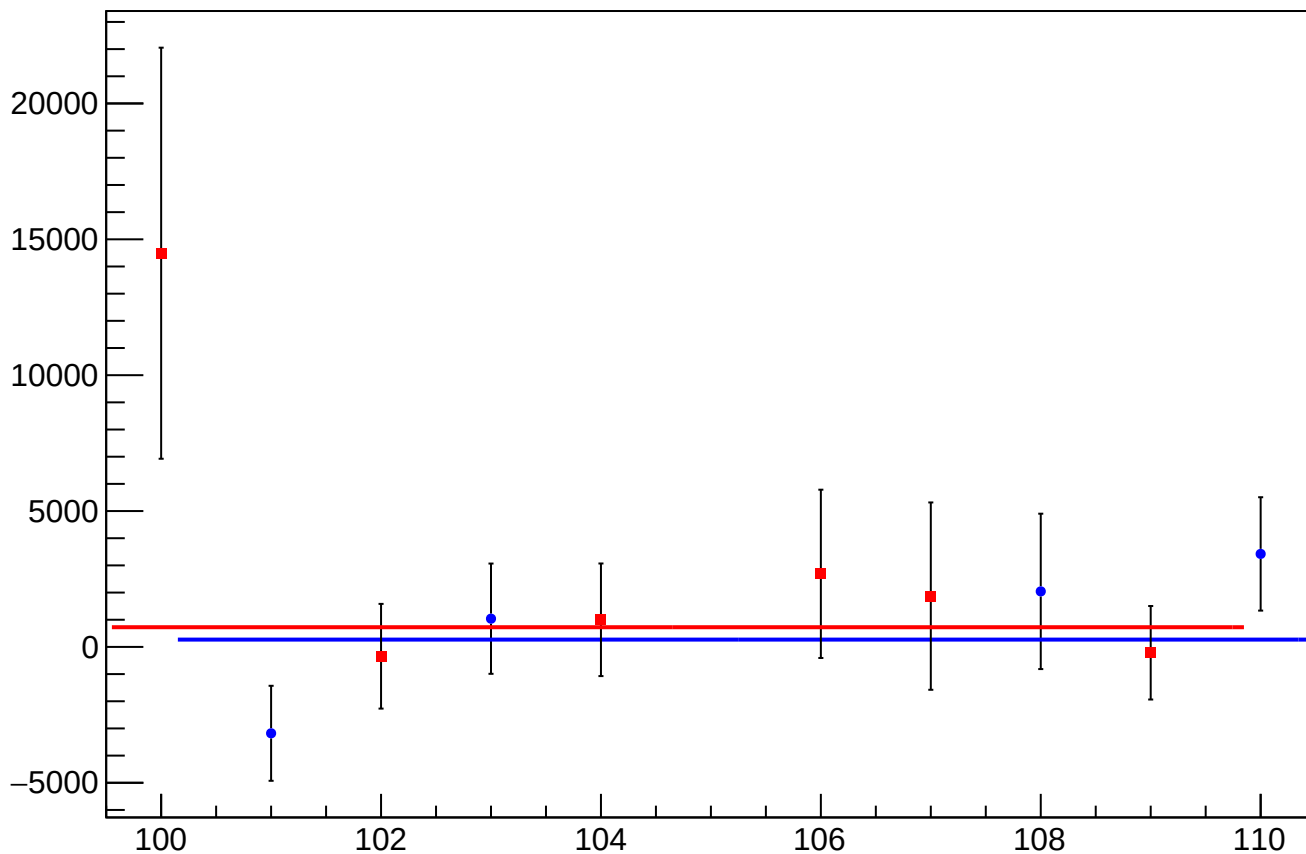
Right: 115.543+/-0.041 χ^2/NDF : 400788.9/9

In: 114.346+/-0.059 χ^2/NDF : 187137.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.543+/-0.041 χ^2/NDF : 400788.9/9

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 269.256 $\pm$ 1041.301 χ^2 /NDF: 6.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 724.931 $\pm$ 977.721 χ^2 /NDF: 4.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

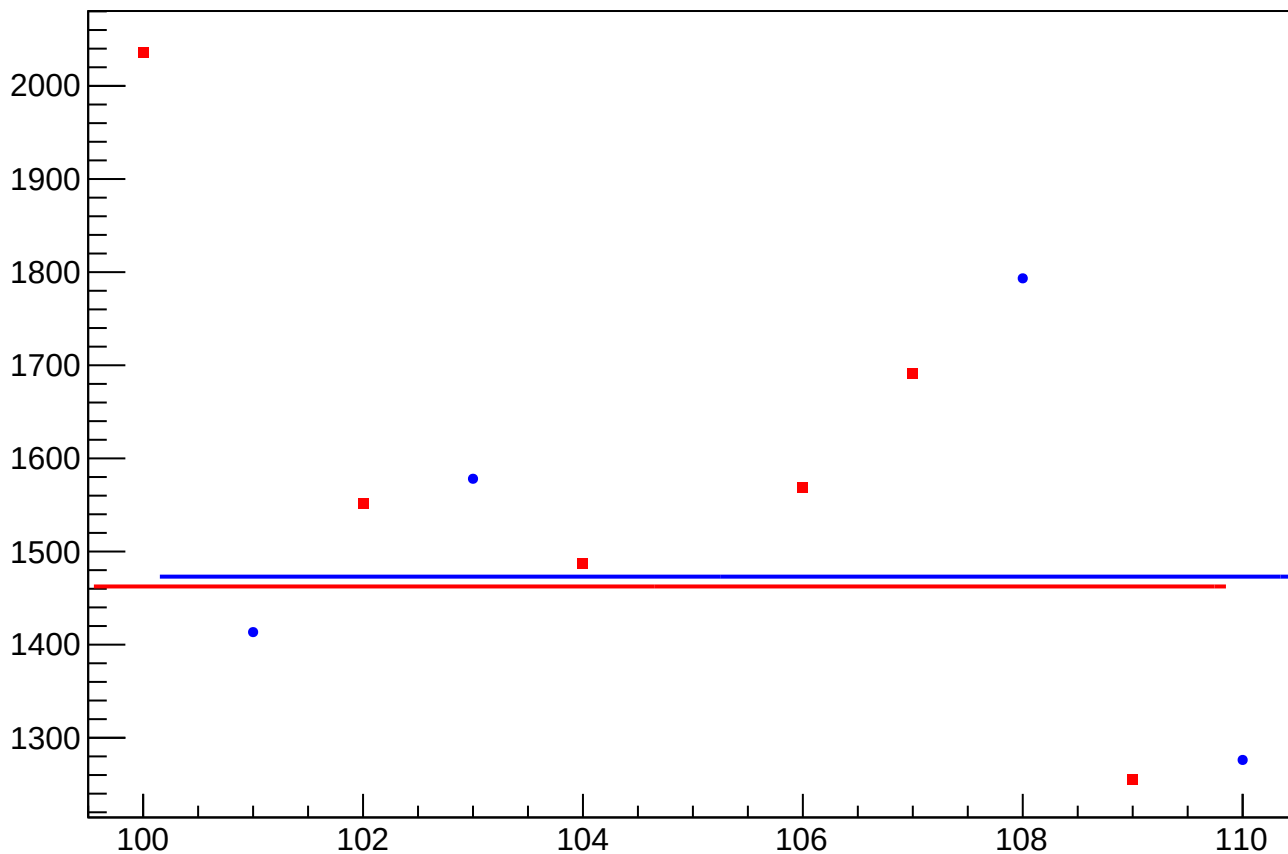
Right: 511.429 $\pm$ 712.771 χ^2 /NDF: 11.3/9

In: 269.256 $\pm$ 1041.301 χ^2 /NDF:6.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 511.429 $\pm$ 712.771 χ^2 /NDF: 11.3/9

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1473.041+/-0.736 χ^2/NDF : 50594.0/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1462.476+/-0.691 χ^2/NDF : 56271.7/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

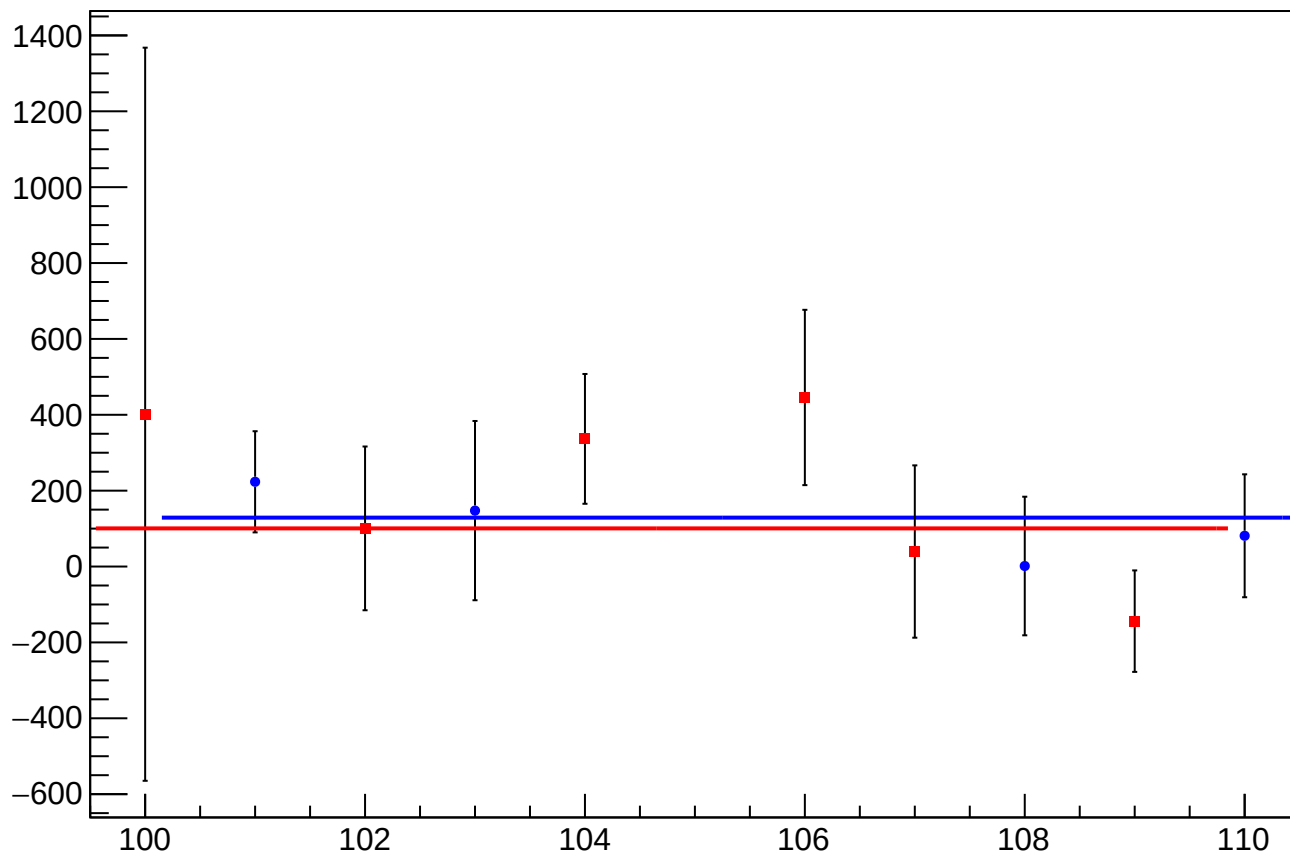
Right: 1467.426+/-0.504 χ^2/NDF : 106975.2/9

In: 1473.041+/-0.736 χ^2/NDF :50594.0/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1467.426+/-0.504 χ^2/NDF : 106975.2/9

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 128.914 $\pm$ 83.851 χ^2 /NDF: 1.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 100.550 $\pm$ 81.450 χ^2 /NDF: 7.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

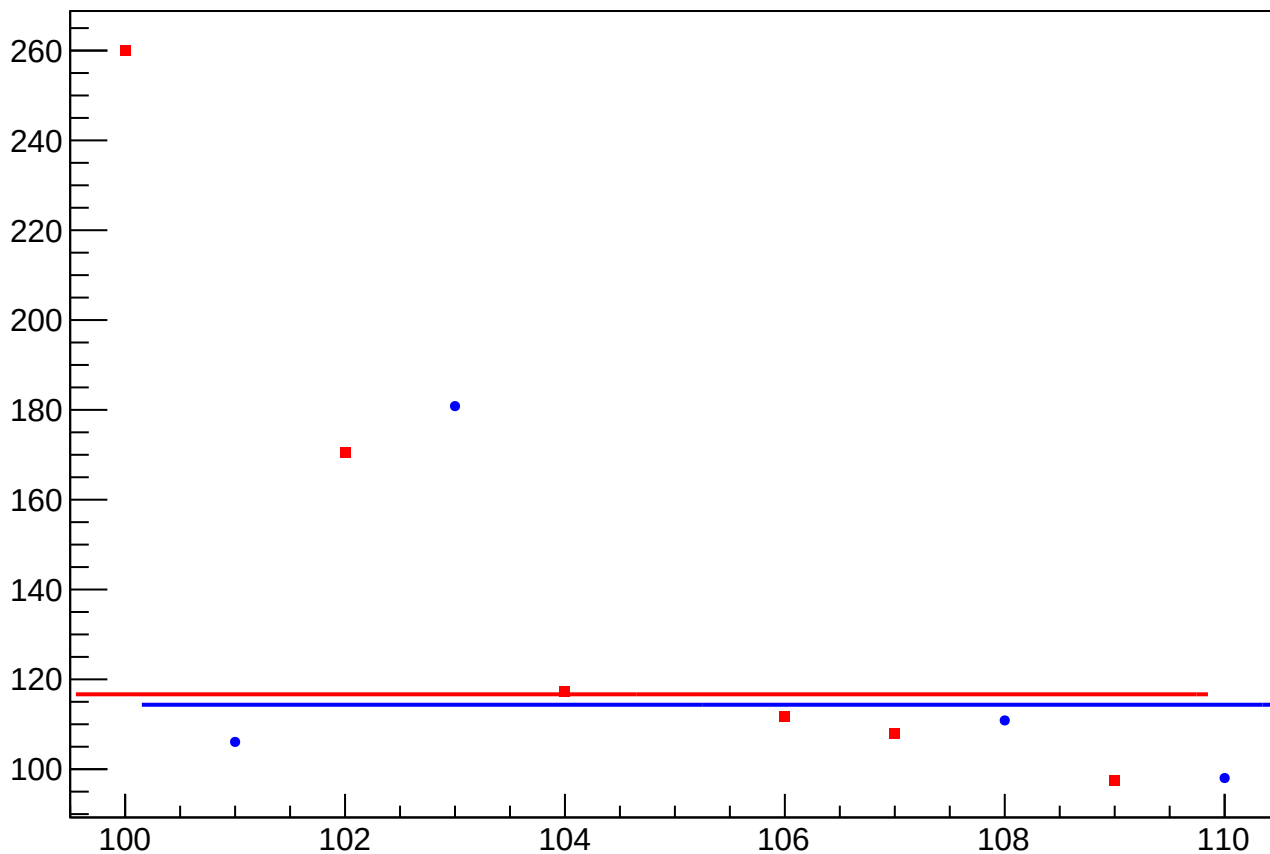
Right: 114.320 $\pm$ 58.424 χ^2 /NDF: 8.8/9

In: 128.914 $\pm$ 83.851 χ^2 /NDF: 1.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 114.320 $\pm$ 58.424 χ^2 /NDF: 8.8/9

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 114.346+/-0.059 χ^2/NDF : 187137.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.672+/-0.058 χ^2/NDF : 212860.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

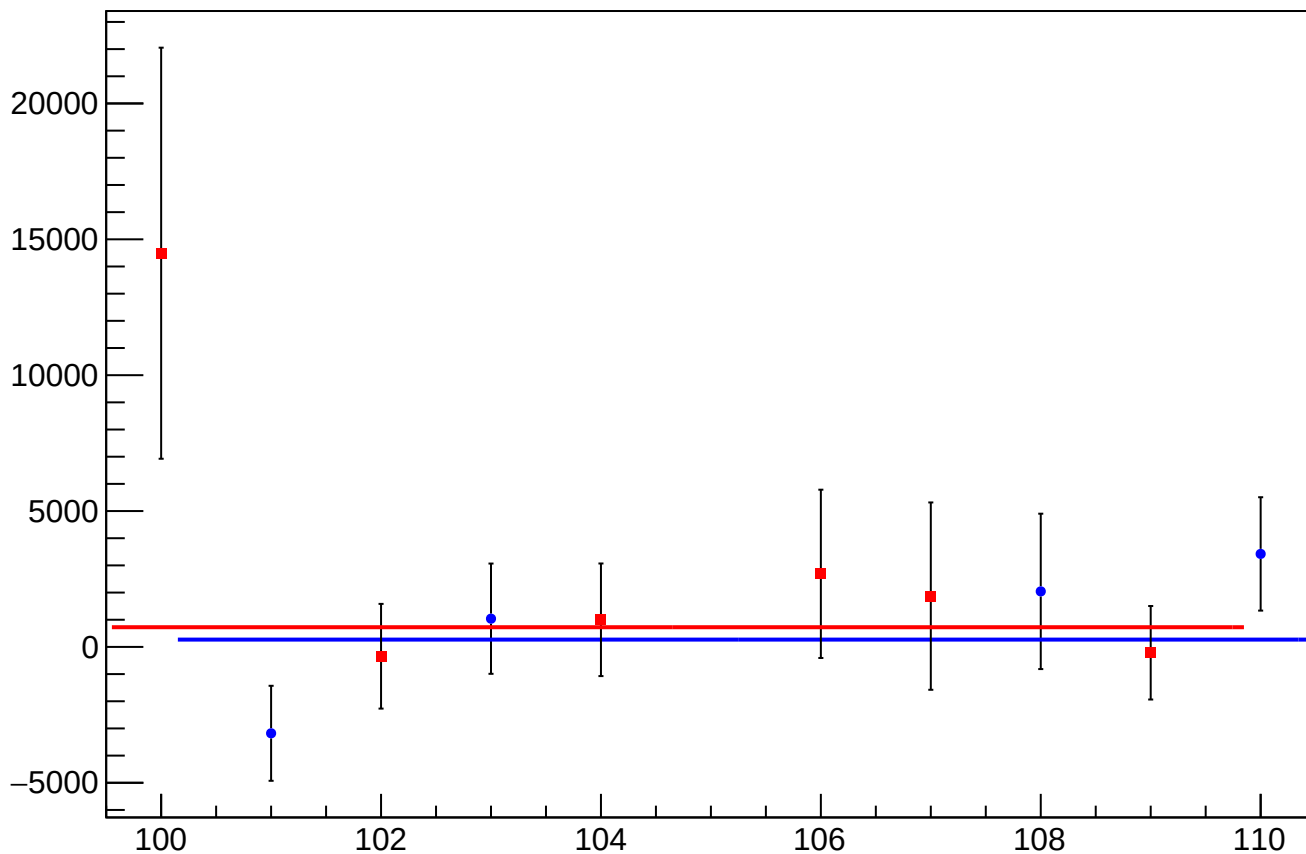
Right: 115.543+/-0.041 χ^2/NDF : 400788.9/9

In: 114.346+/-0.059 χ^2/NDF : 187137.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.543+/-0.041 χ^2/NDF : 400788.9/9

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 269.256+/-1041.301 χ^2/NDF : 6.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 724.931+/-977.721 χ^2/NDF : 4.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

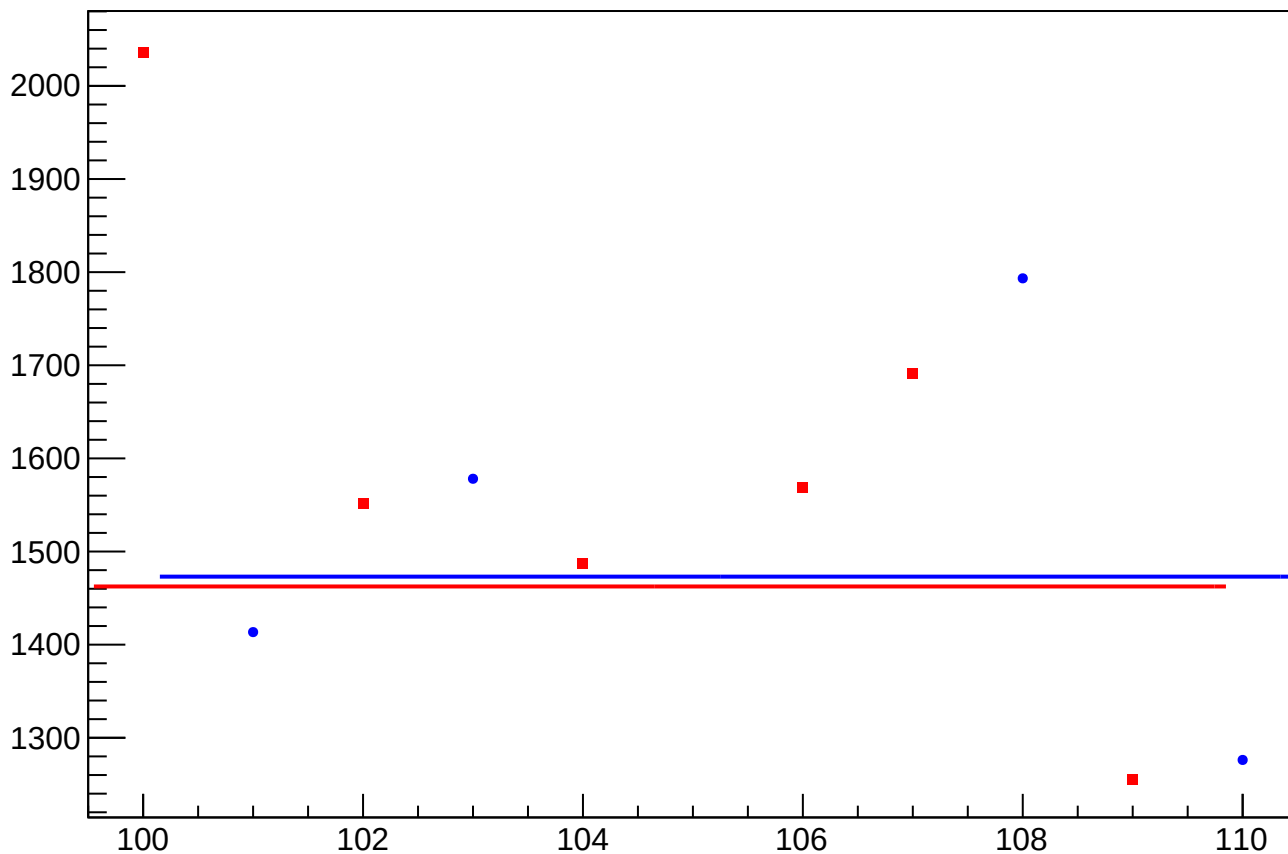
Right: 511.429+/-712.771 χ^2/NDF : 11.3/9

In: 269.256+/-1041.301 χ^2/NDF : 6.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.429+/-712.771 χ^2/NDF : 11.3/9

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1473.041+/-0.736 χ^2/NDF : 50594.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1462.476+/-0.691 χ^2/NDF : 56271.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

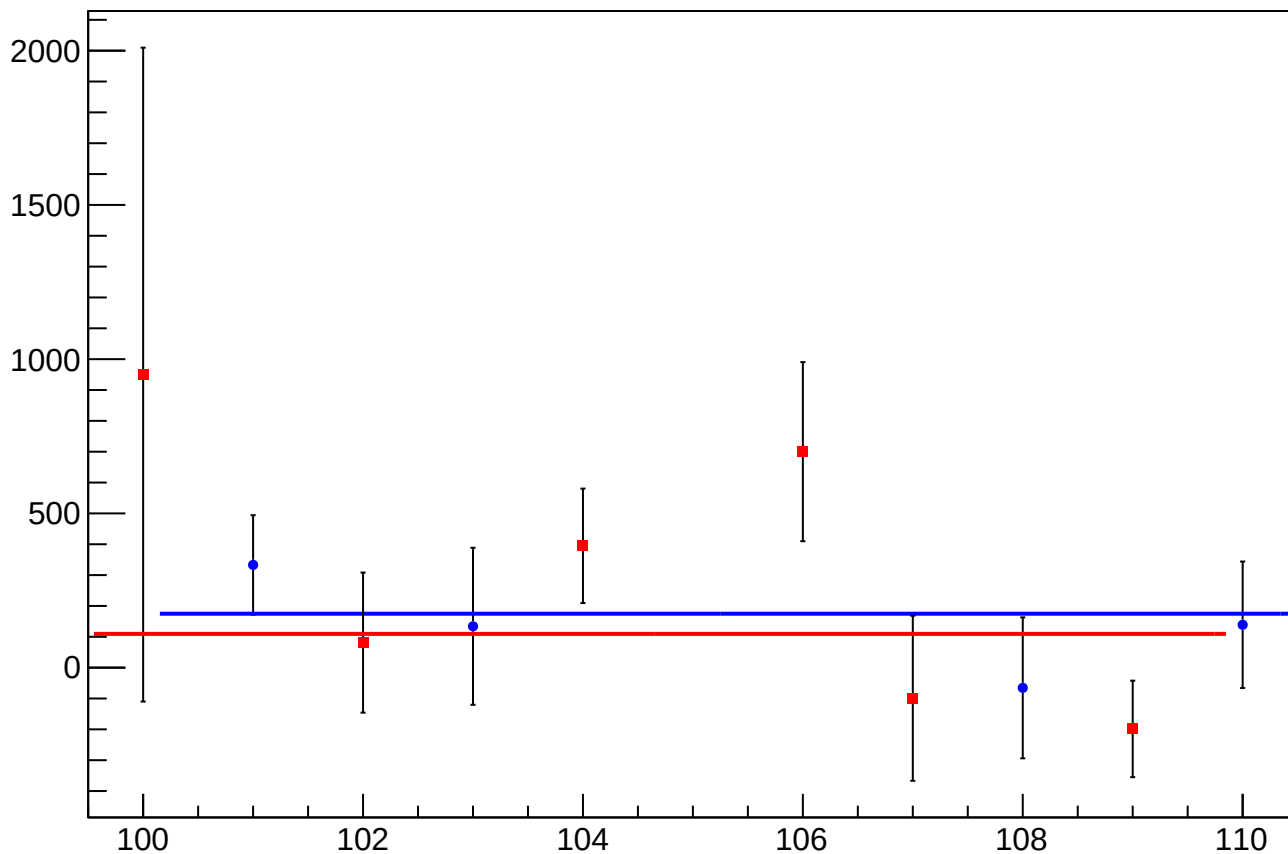
Right: 1467.426+/-0.504 χ^2/NDF : 106975.2/9

In: 1473.041+/-0.736 χ^2/NDF : 50594.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1467.426+/-0.504 χ^2/NDF : 106975.2/9

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 174.832 $\pm$ 101.616 χ^2 /NDF: 2.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.440 $\pm$ 92.836 χ^2 /NDF: 11.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

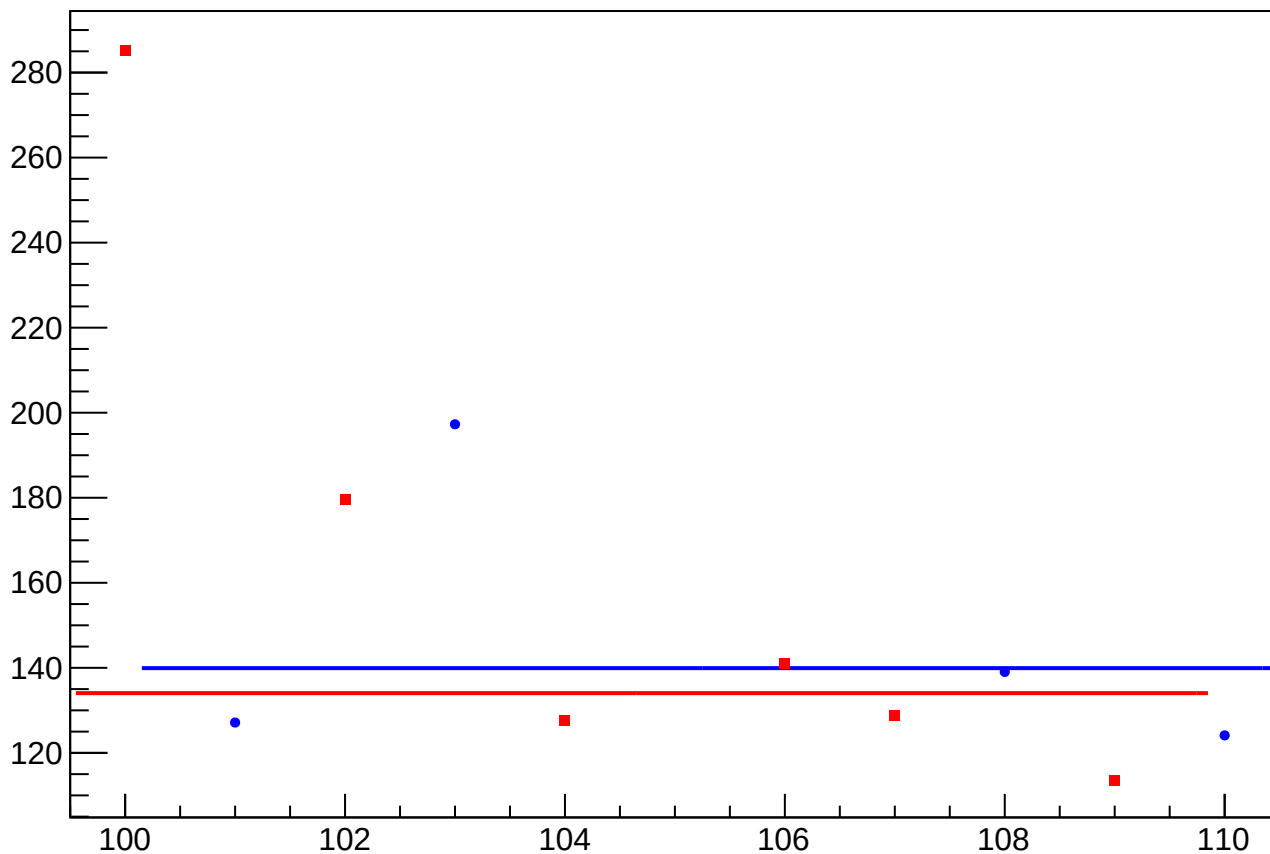
Right: 139.189 $\pm$ 68.539 χ^2 /NDF: 14.0/9

In: 174.832 $\pm$ 101.616 χ^2 /NDF:2.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 139.189 $\pm$ 68.539 χ^2 /NDF: 14.0/9

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 139.929 $\pm$ 0.072 χ^2 /NDF: 126105.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 134.053 $\pm$ 0.066 χ^2 /NDF: 159883.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

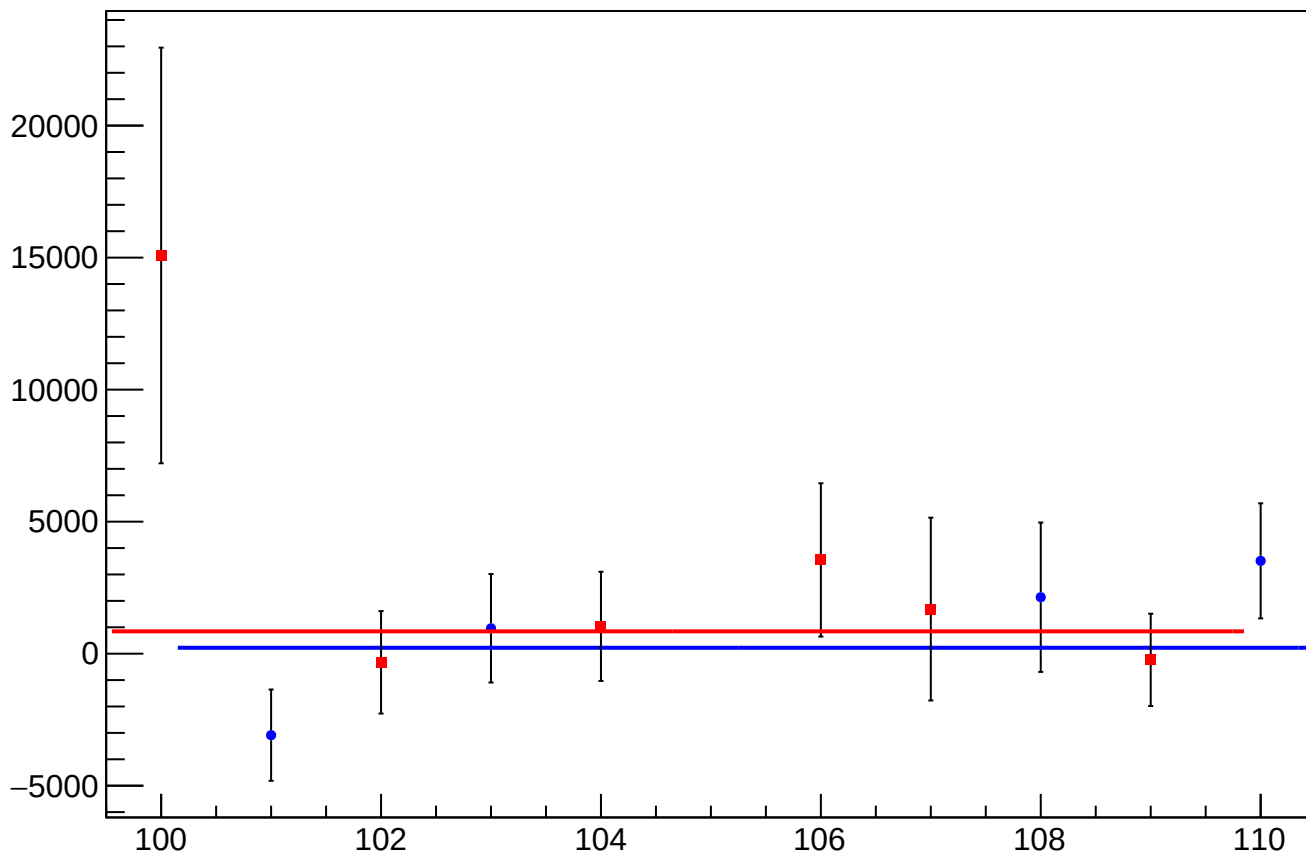
Right: 136.726 $\pm$ 0.048 χ^2 /NDF: 289633.8/9

In: 139.929 $\pm$ 0.072 χ^2 /NDF:126105.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.726 $\pm$ 0.048 χ^2 /NDF: 289633.8/9

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 224.075+/-1049.748 χ^2 /NDF: 6.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 845.649+/-978.063 χ^2 /NDF: 5.0/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

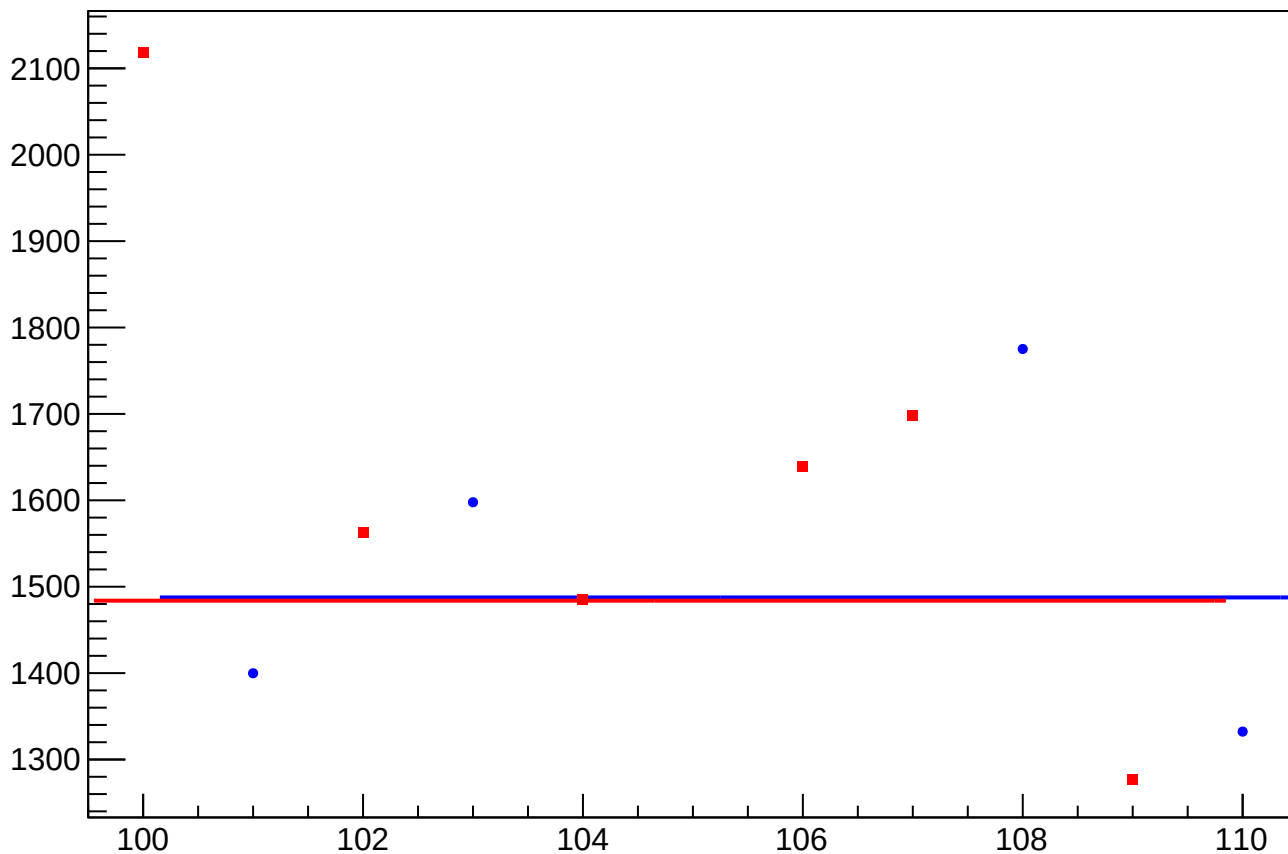
Right: 556.808+/-715.597 χ^2 /NDF: 11.7/9

In: 224.075+/-1049.748 χ^2 /NDF:6.5/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 556.808+/-715.597 χ^2 /NDF: 11.7/9

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1487.582 $\pm$ 0.742 χ^2 /NDF: 41752.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1483.849 $\pm$ 0.692 χ^2 /NDF: 57902.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

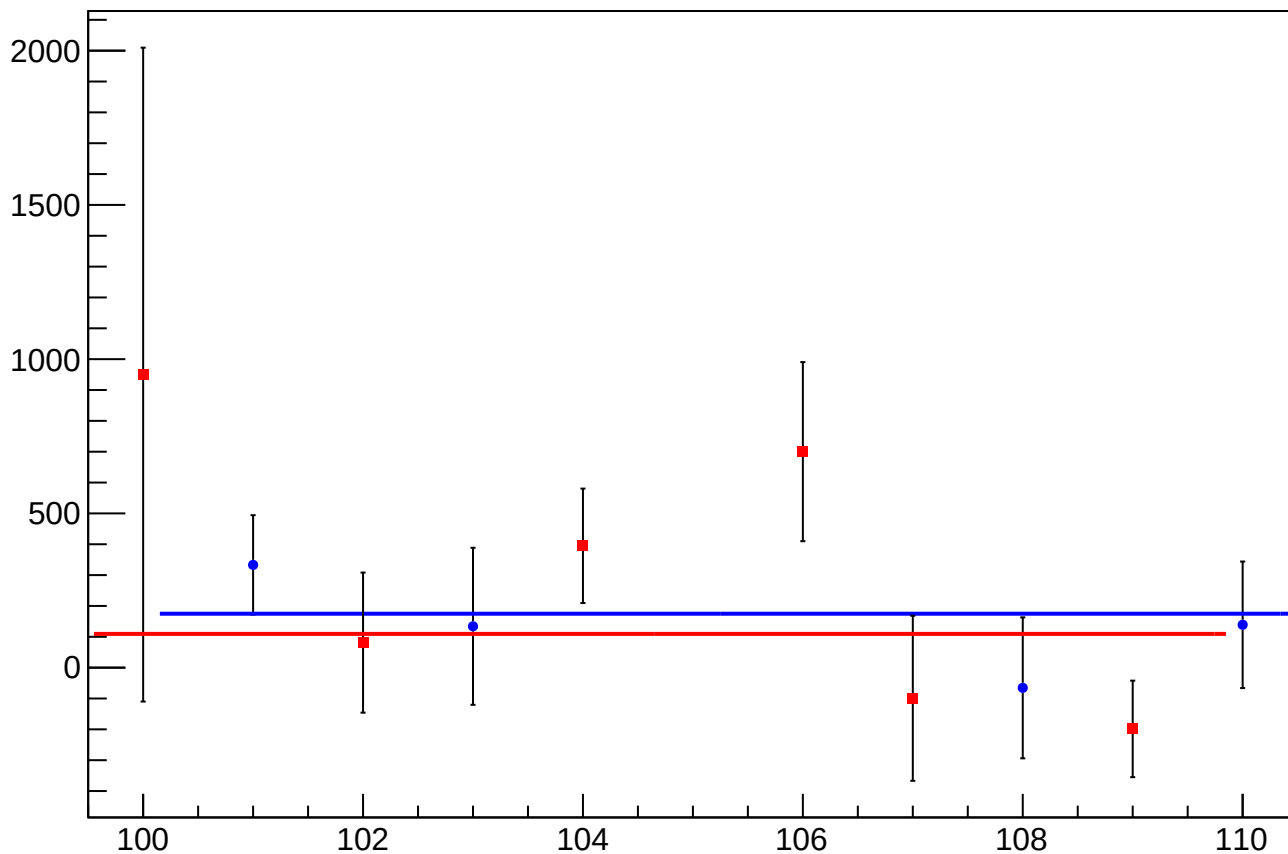
Right: 1485.584 $\pm$ 0.506 χ^2 /NDF: 99668.4/9

In: 1487.582 $\pm$ 0.742 χ^2 /NDF:41752.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1485.584 $\pm$ 0.506 χ^2 /NDF: 99668.4/9

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 174.825+/-101.616 χ^2/NDF : 2.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.441+/-92.835 χ^2/NDF : 11.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

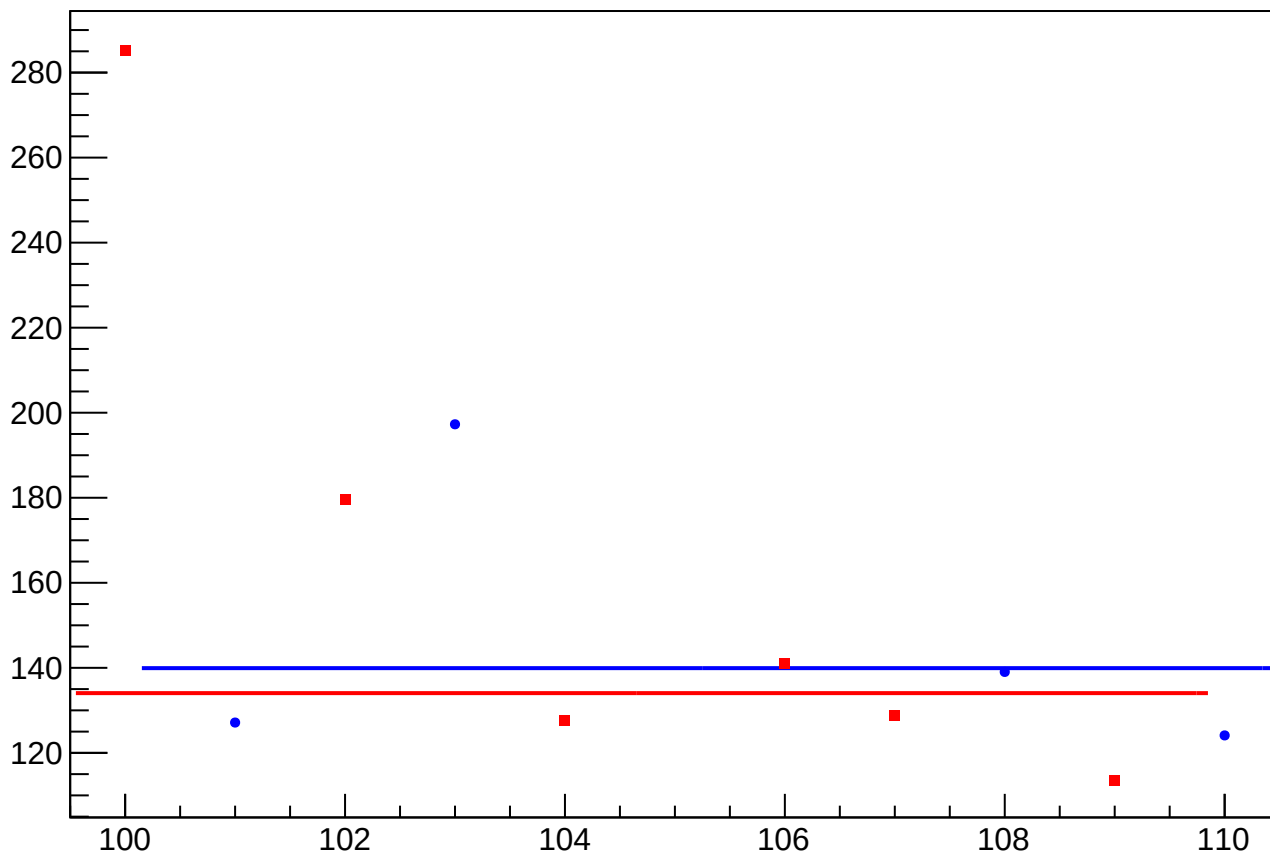
Right: 139.186+/-68.539 χ^2/NDF : 14.0/9

In: 174.825+/-101.616 χ^2/NDF : 2.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.186+/-68.539 χ^2/NDF : 14.0/9

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 139.928 $\pm$ 0.072 χ^2 /NDF: 126109.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 134.052 $\pm$ 0.066 χ^2 /NDF: 159883.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

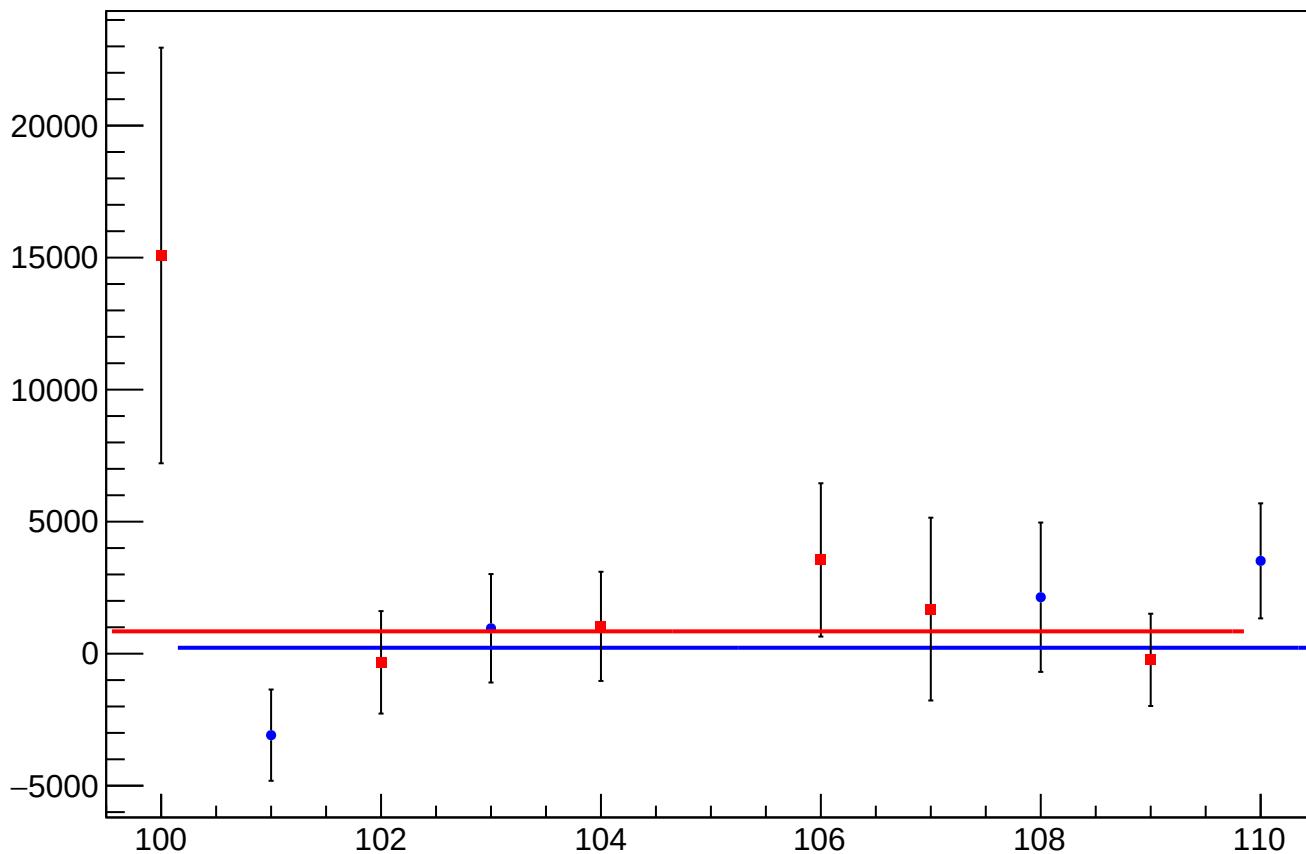
Right: 136.725 $\pm$ 0.048 χ^2 /NDF: 289637.5/9

In: 139.928 $\pm$ 0.072 χ^2 /NDF:126109.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.725 $\pm$ 0.048 χ^2 /NDF: 289637.5/9

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 224.078 $\pm$ 1049.745 χ^2 /NDF: 6.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 845.647 $\pm$ 978.061 χ^2 /NDF: 5.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

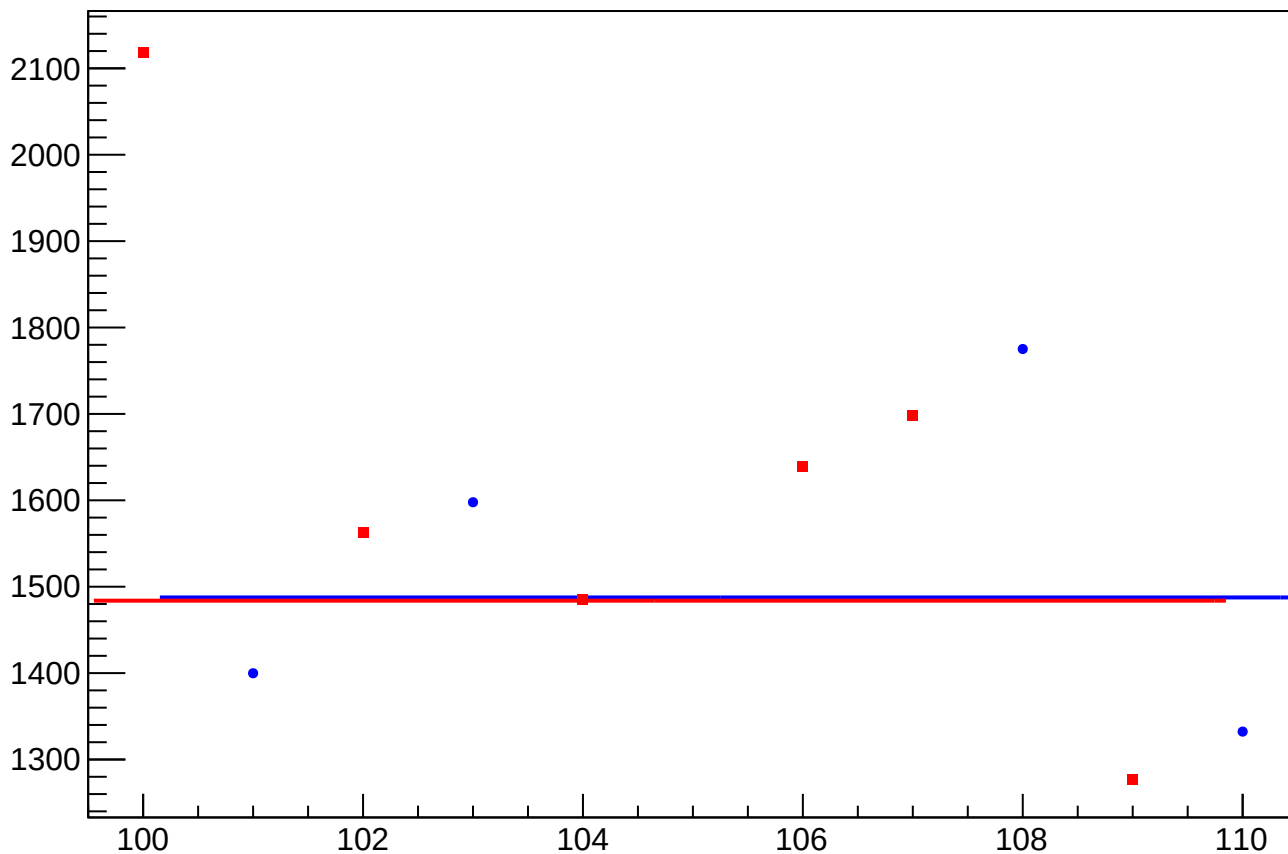
Right: 556.808 $\pm$ 715.595 χ^2 /NDF: 11.7/9

In: 224.078 $\pm$ 1049.745 χ^2 /NDF:6.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 556.808 $\pm$ 715.595 χ^2 /NDF: 11.7/9

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1487.578+/-0.742 χ^2/NDF : 41753.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1483.845+/-0.692 χ^2/NDF : 57902.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

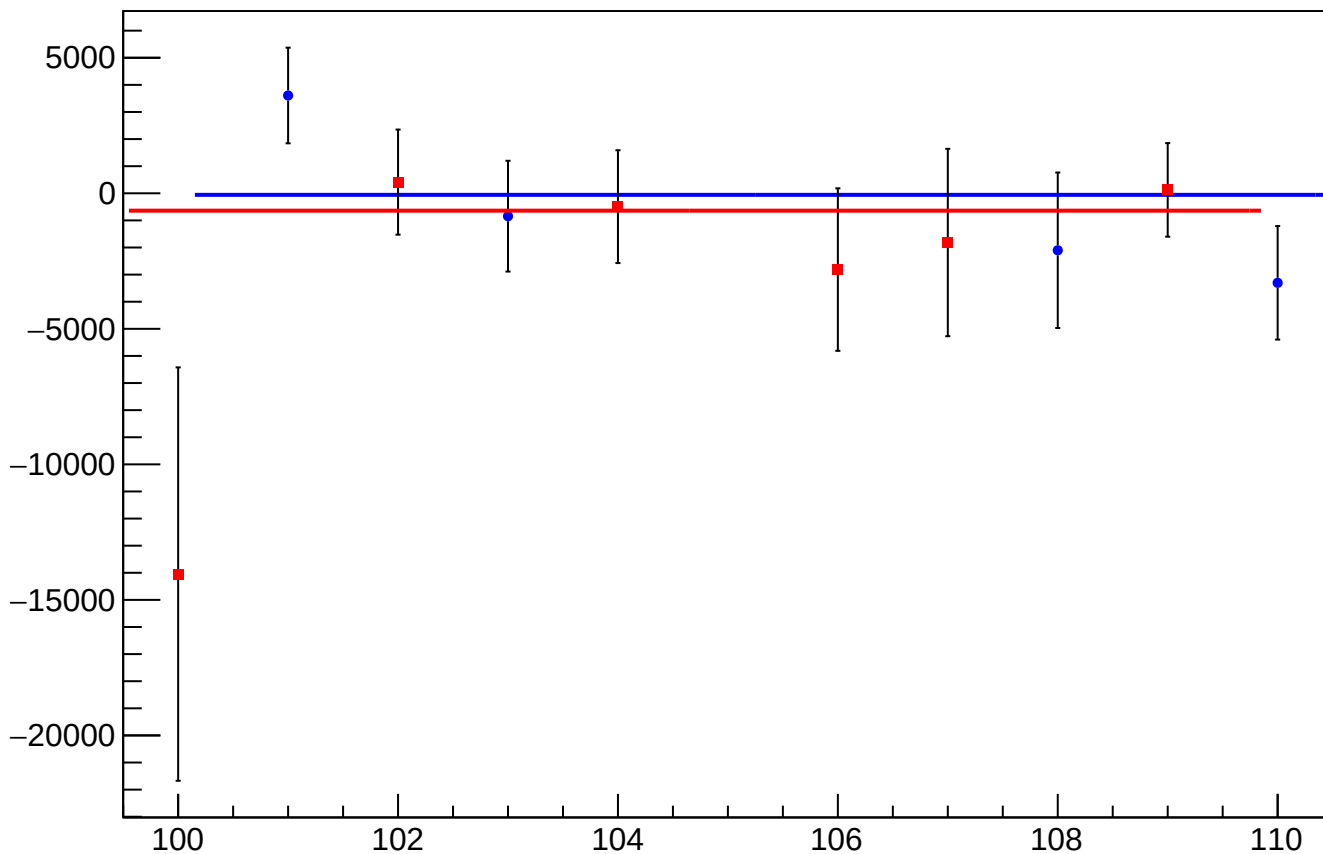
Right: 1485.580+/-0.506 χ^2/NDF : 99669.9/9

In: 1487.578+/-0.742 χ^2/NDF : 41753.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1485.580+/-0.506 χ^2/NDF : 99669.9/9

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -57.149 ± 1047.941 $\chi^2/\text{NDF}: 7.4/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -640.243 ± 978.472 $\chi^2/\text{NDF}: 4.2/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

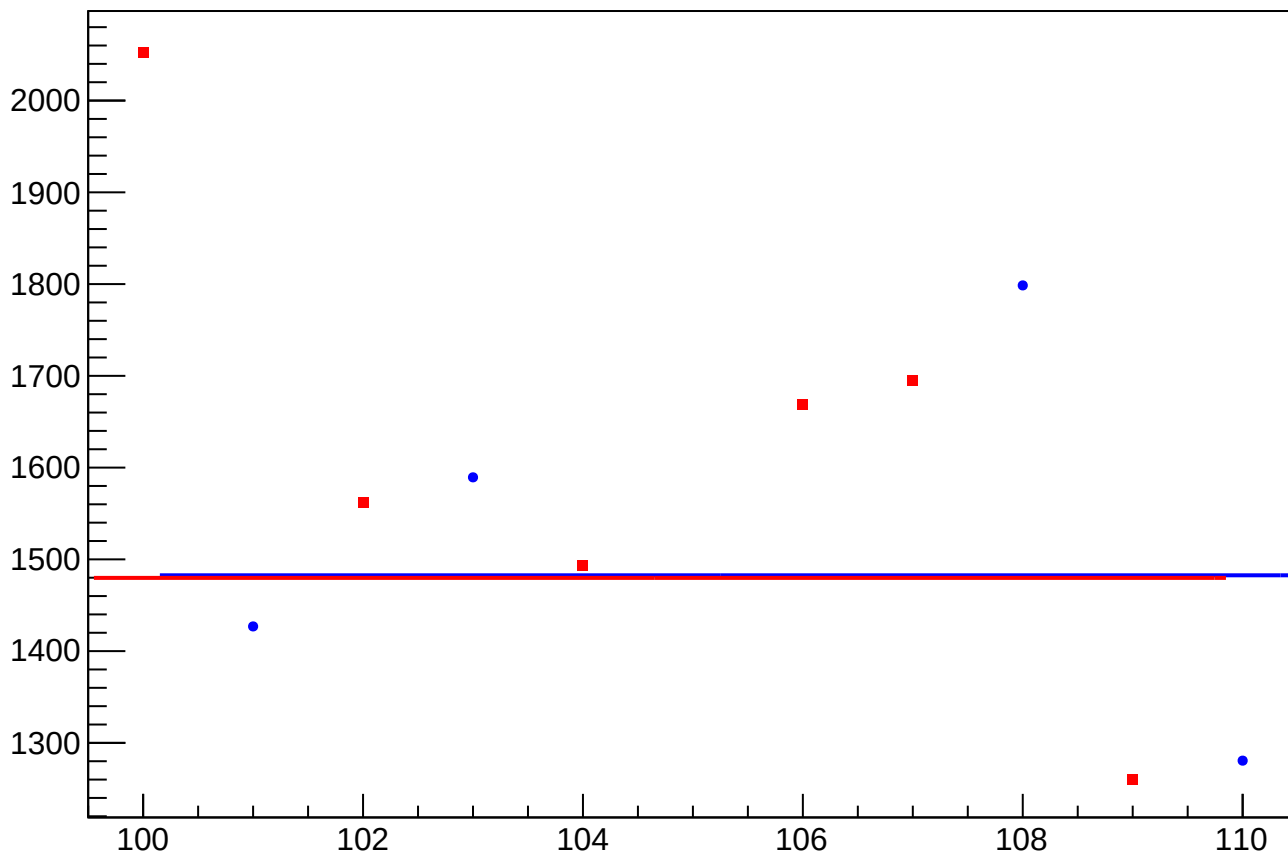
Right: -368.662 ± 715.183 $\chi^2/\text{NDF}: 11.8/9$

In: -57.149 ± 1047.941 $\chi^2/\text{NDF}: 7.4/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -368.662 ± 715.183 $\chi^2/\text{NDF}: 11.8/9$

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1482.631+/-0.741 χ^2/NDF : 50352.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1479.806+/-0.692 χ^2/NDF : 63058.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

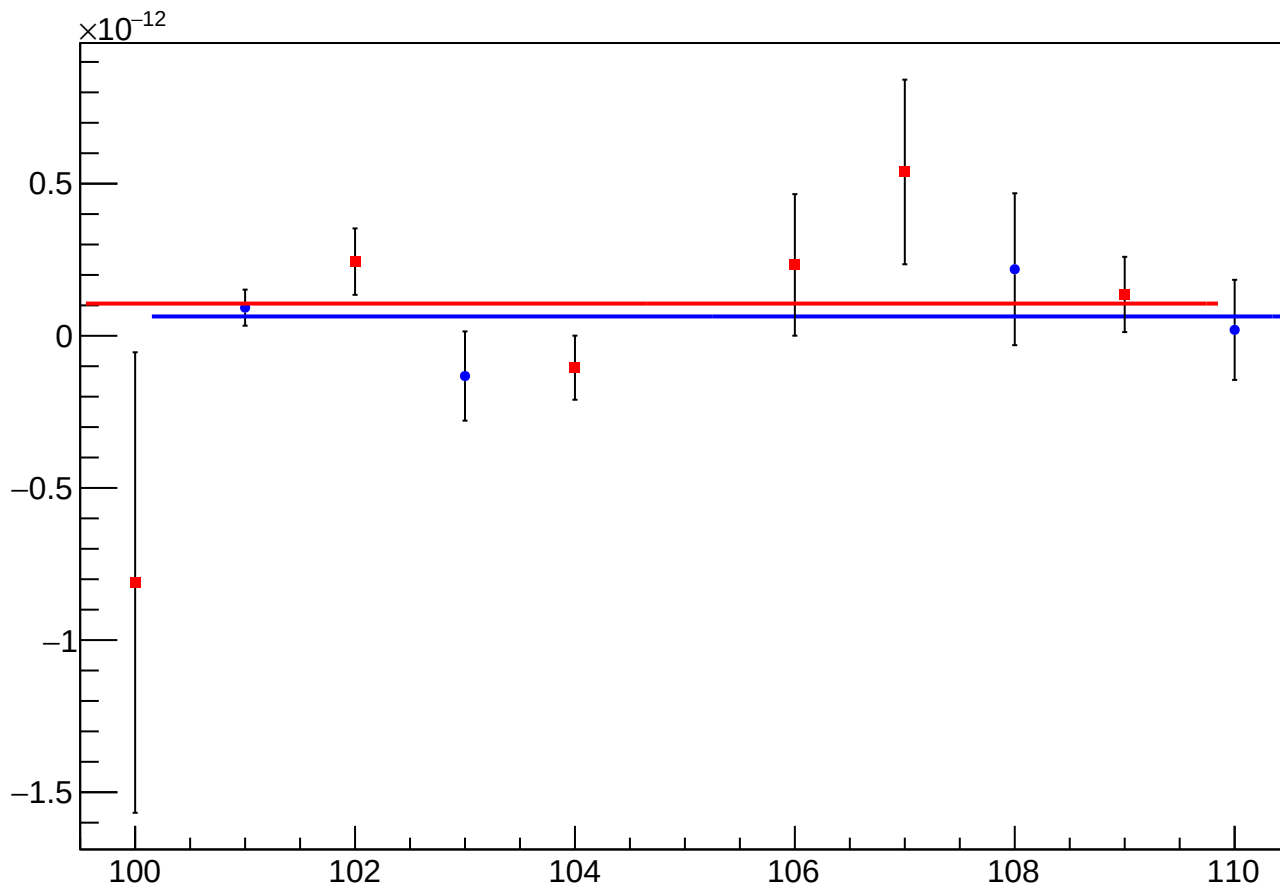
Right: 1481.122+/-0.506 χ^2/NDF : 113419.3/9

In: 1482.631+/-0.741 χ^2/NDF : 50352.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1481.122+/-0.506 χ^2/NDF : 113419.3/9

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

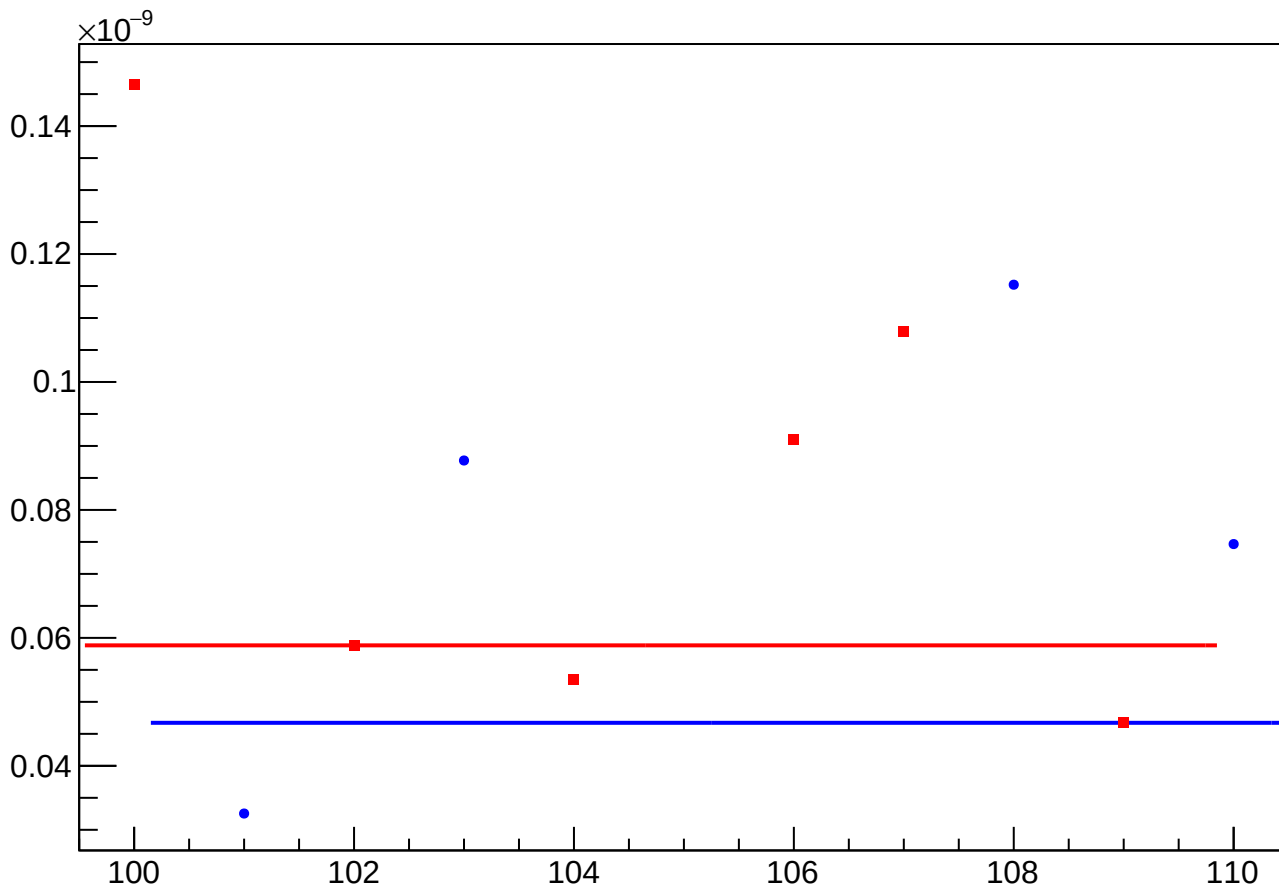
Right: 0.000+/-0.000 χ^2/NDF : 12.2/9

In: 0.000+/-0.000 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.2/9

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 479075.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 141558.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

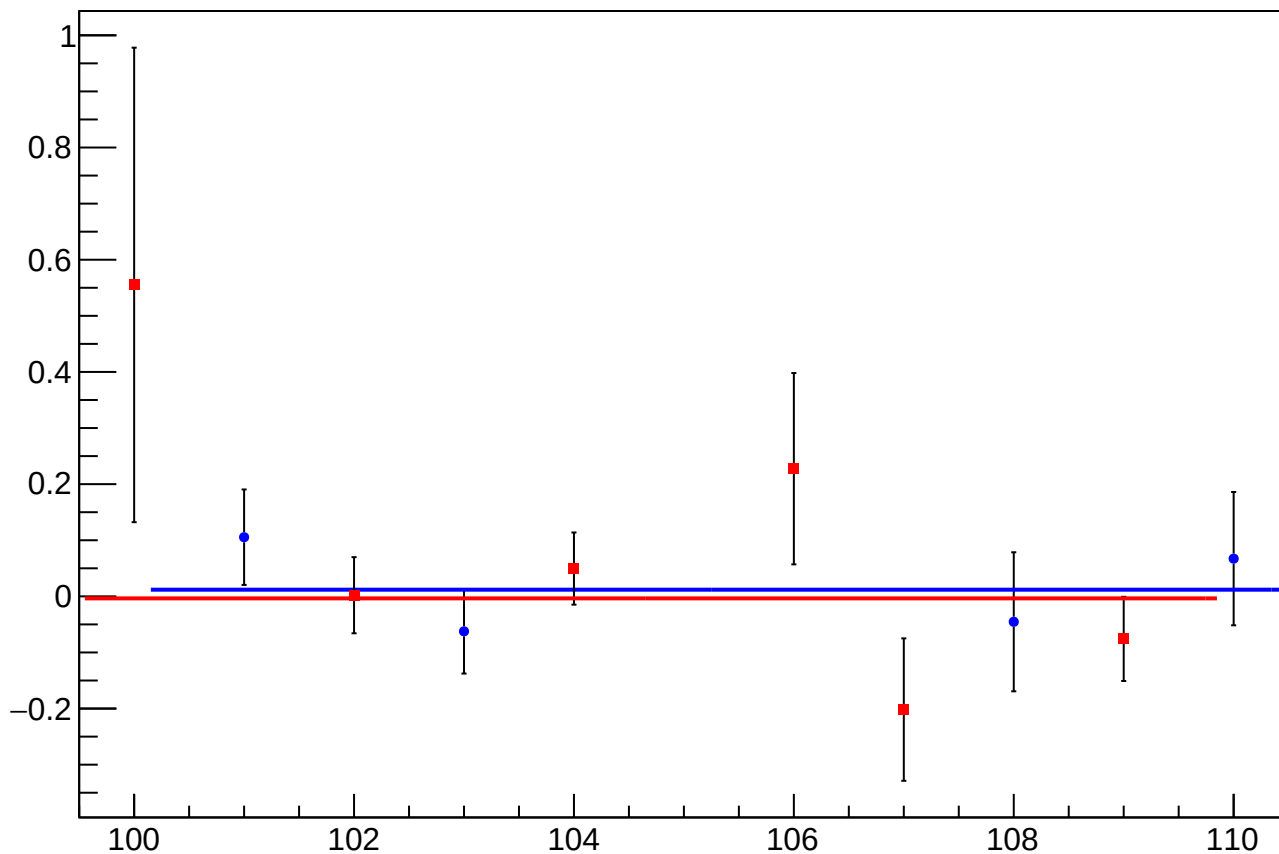
Right: 0.000+/-0.000 χ^2/NDF : 667174.4/9

In: 0.000+/-0.000 χ^2/NDF : 479075.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 667174.4/9

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.047 χ^2 /NDF: 2.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.037 χ^2 /NDF: 7.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

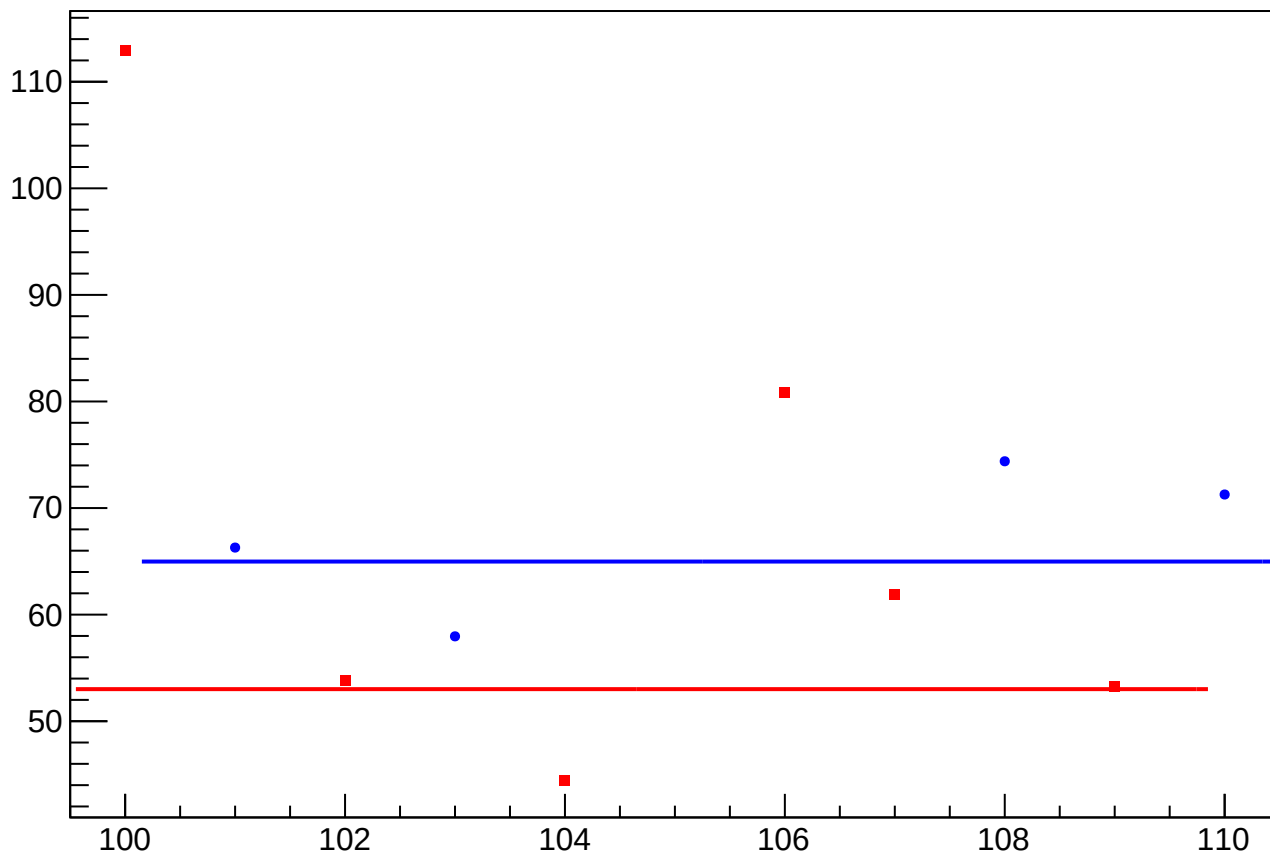
Right: 0.002 $\pm$ 0.029 χ^2 /NDF: 10.3/9

In: 0.012 $\pm$ 0.047 χ^2 /NDF: 2.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.029 χ^2 /NDF: 10.3/9

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.980+/-0.033 χ^2/NDF : 35016.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.010+/-0.026 χ^2/NDF : 138855.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

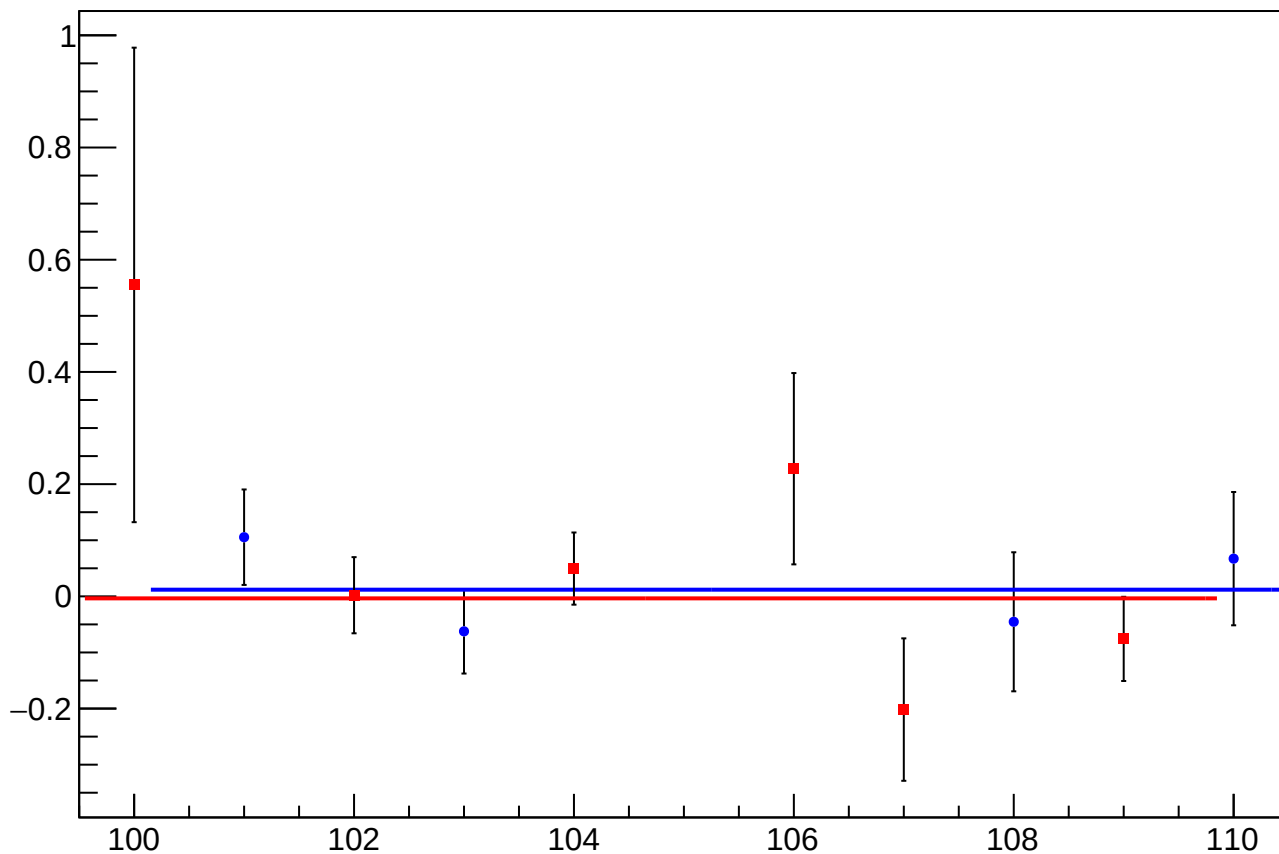
Right: 57.547+/-0.021 χ^2/NDF : 254107.9/9

In: 64.980+/-0.033 χ^2/NDF : 35016.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.547+/-0.021 χ^2/NDF : 254107.9/9

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.047 χ^2 /NDF: 2.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.037 χ^2 /NDF: 7.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

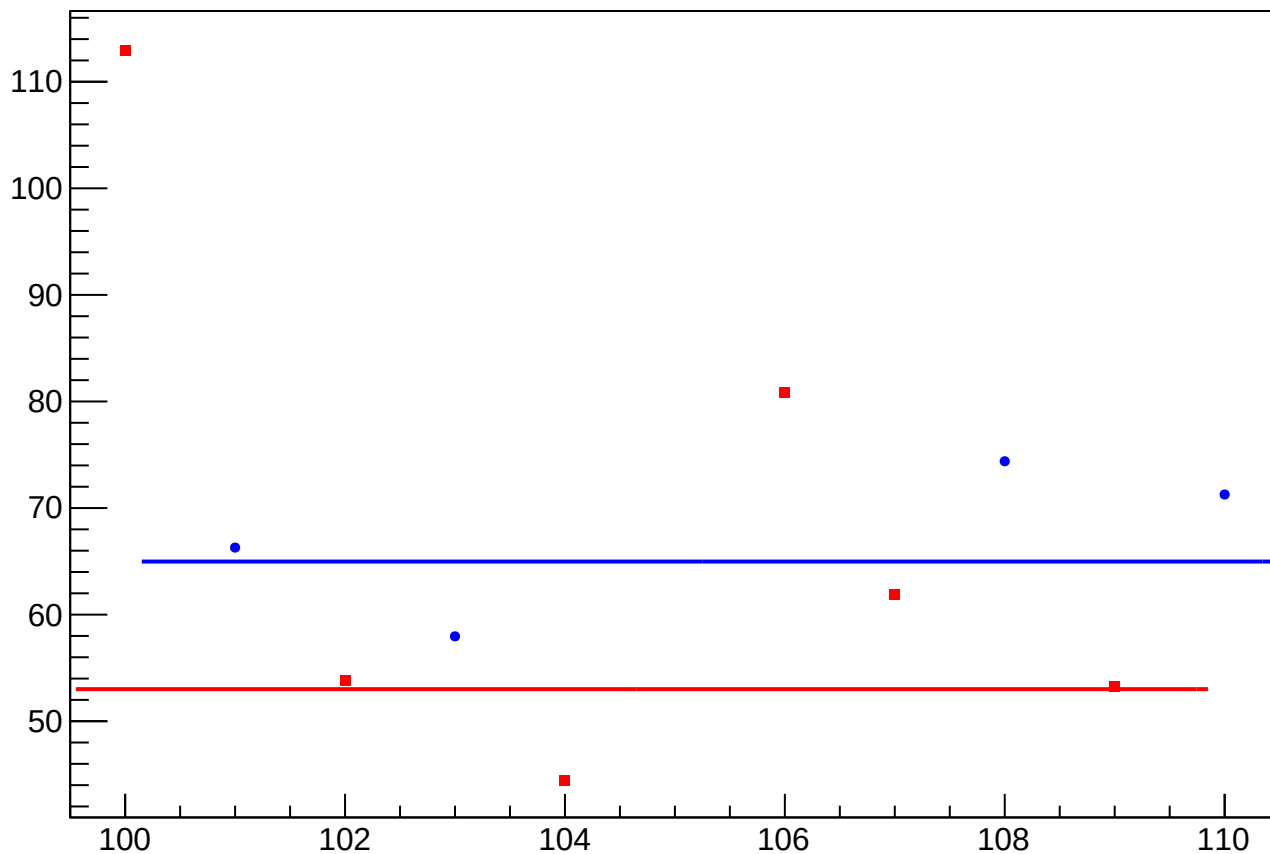
Right: 0.002 $\pm$ 0.029 χ^2 /NDF: 10.3/9

In: 0.012 $\pm$ 0.047 χ^2 /NDF: 2.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.029 χ^2 /NDF: 10.3/9

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.980+/-0.033 χ^2/NDF : 35016.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.010+/-0.026 χ^2/NDF : 138855.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

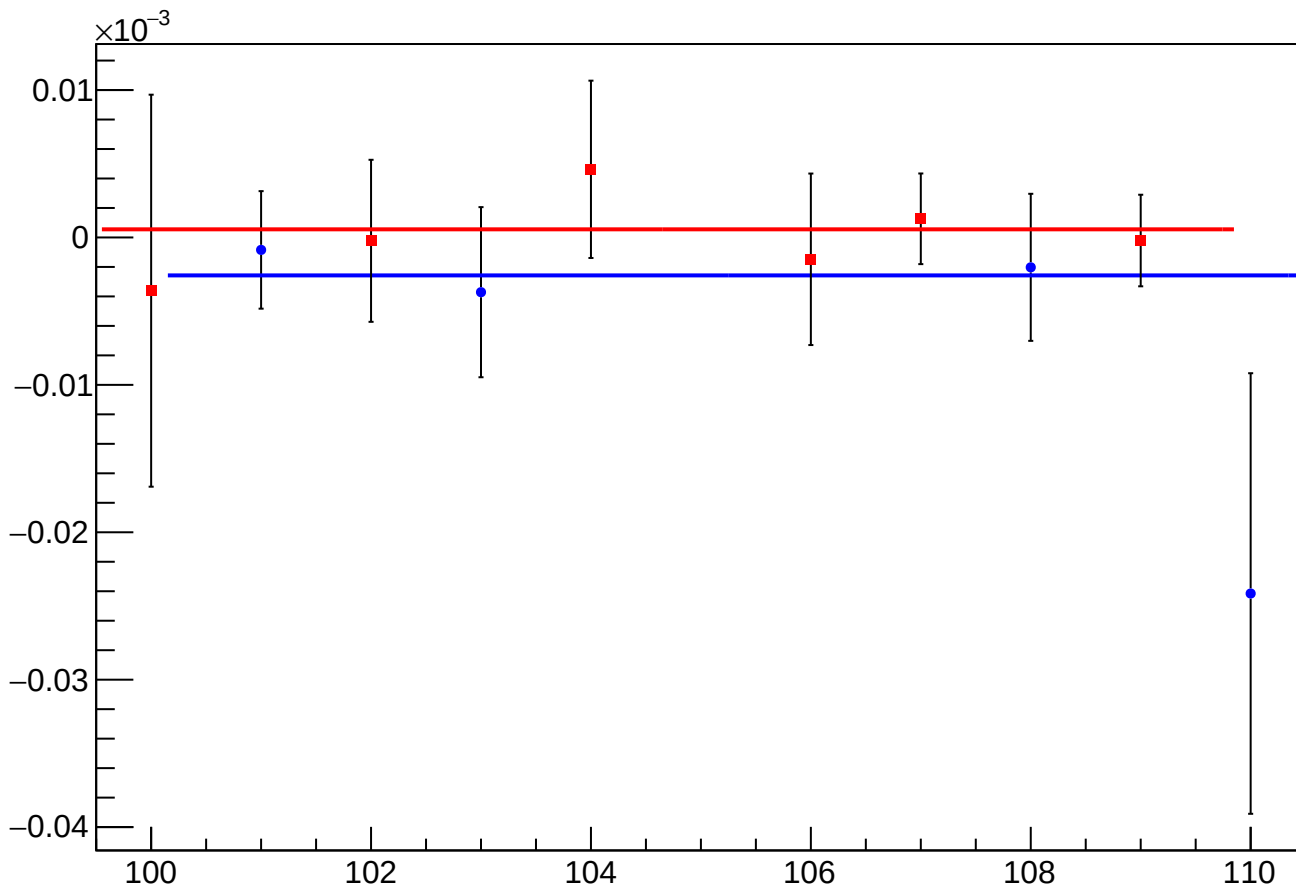
Right: 57.547+/-0.021 χ^2/NDF : 254107.9/9

In: 64.980+/-0.033 χ^2/NDF : 35016.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.547+/-0.021 χ^2/NDF : 254107.9/9

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

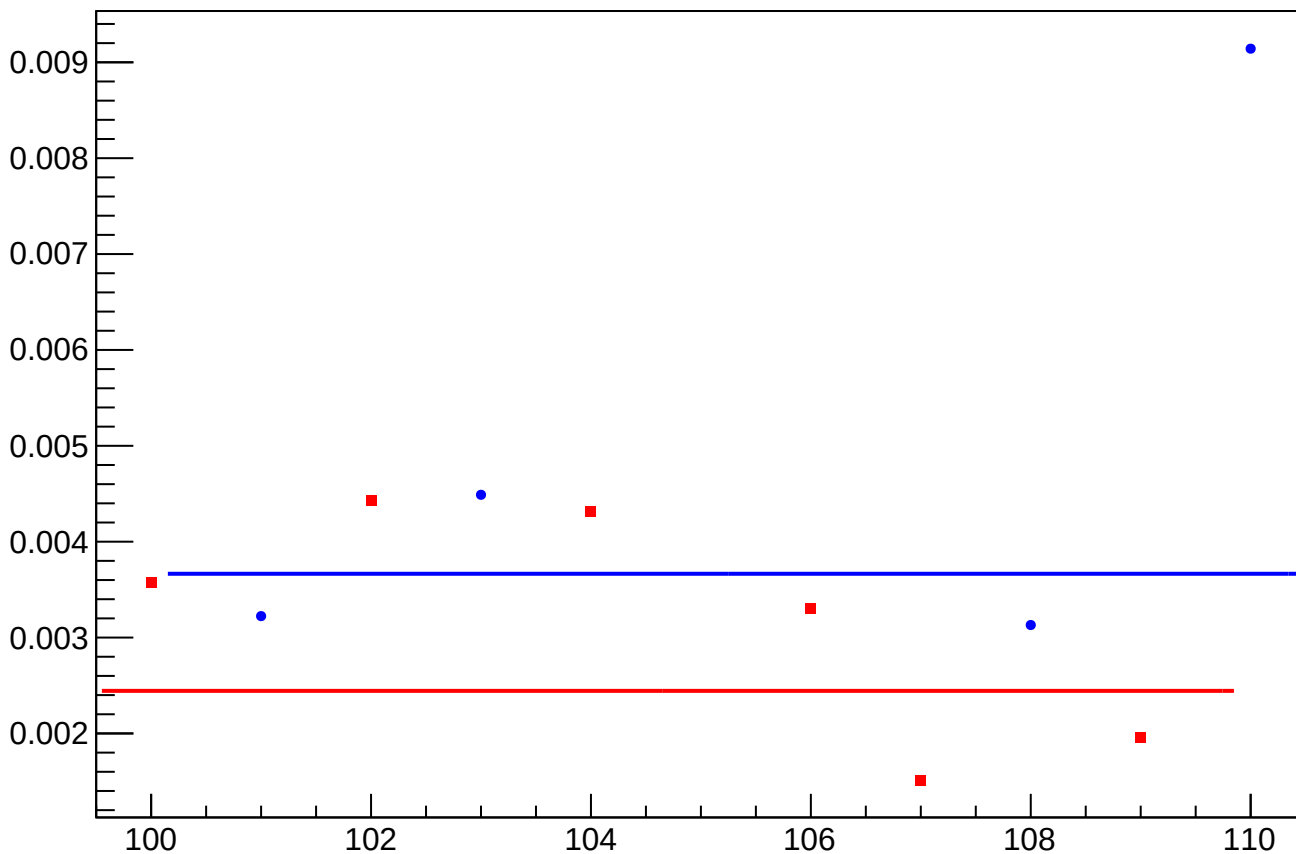
Right: -0.000+/-0.000 χ^2/NDF : 4.1/9

In: -0.000+/-0.000 χ^2/NDF : 2.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.1/9

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 356875.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 746369.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

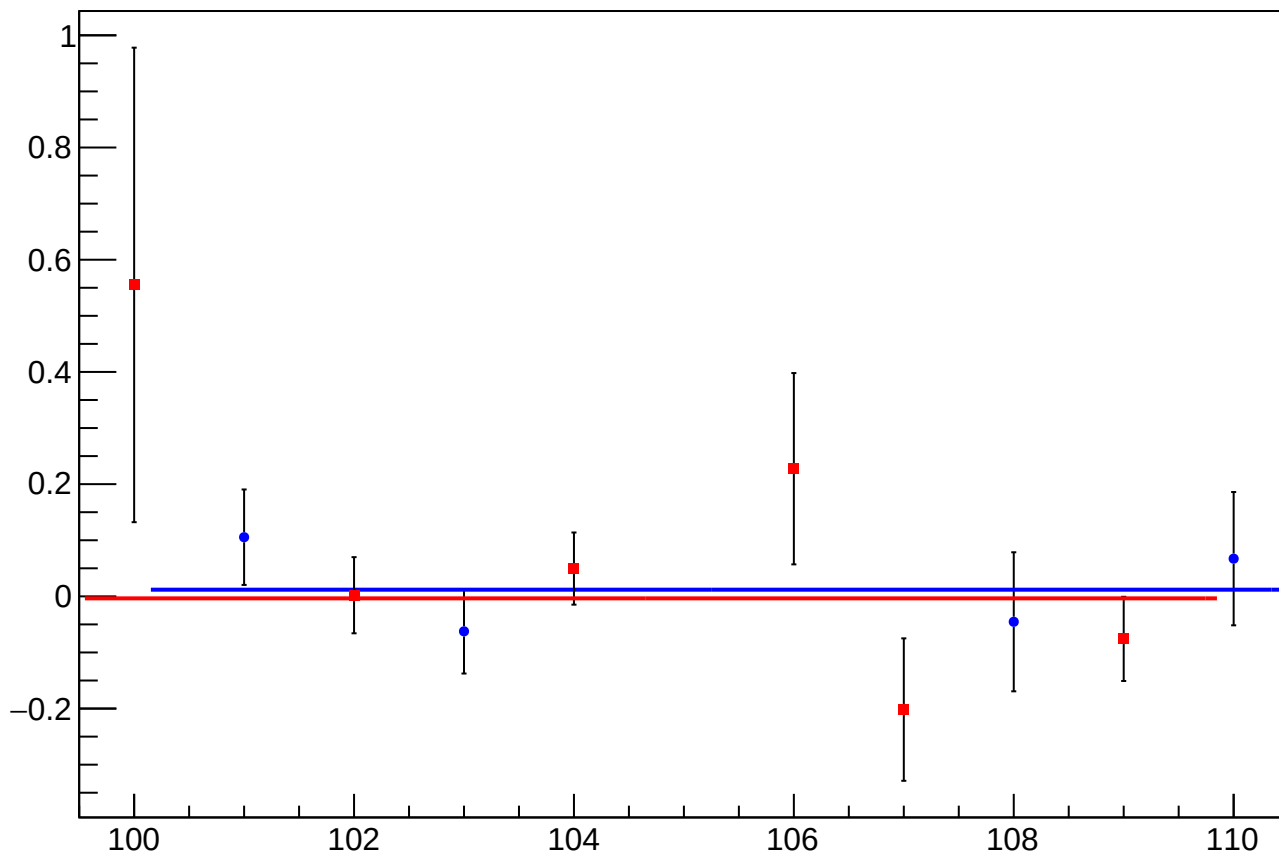
Right: 0.003+/-0.000 χ^2/NDF : 1386290.9/9

In: 0.004+/-0.000 χ^2/NDF : 356875.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1386290.9/9

asym_sam_2468_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.012 $\pm$ 0.047 χ^2 /NDF: 2.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.037 χ^2 /NDF: 7.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

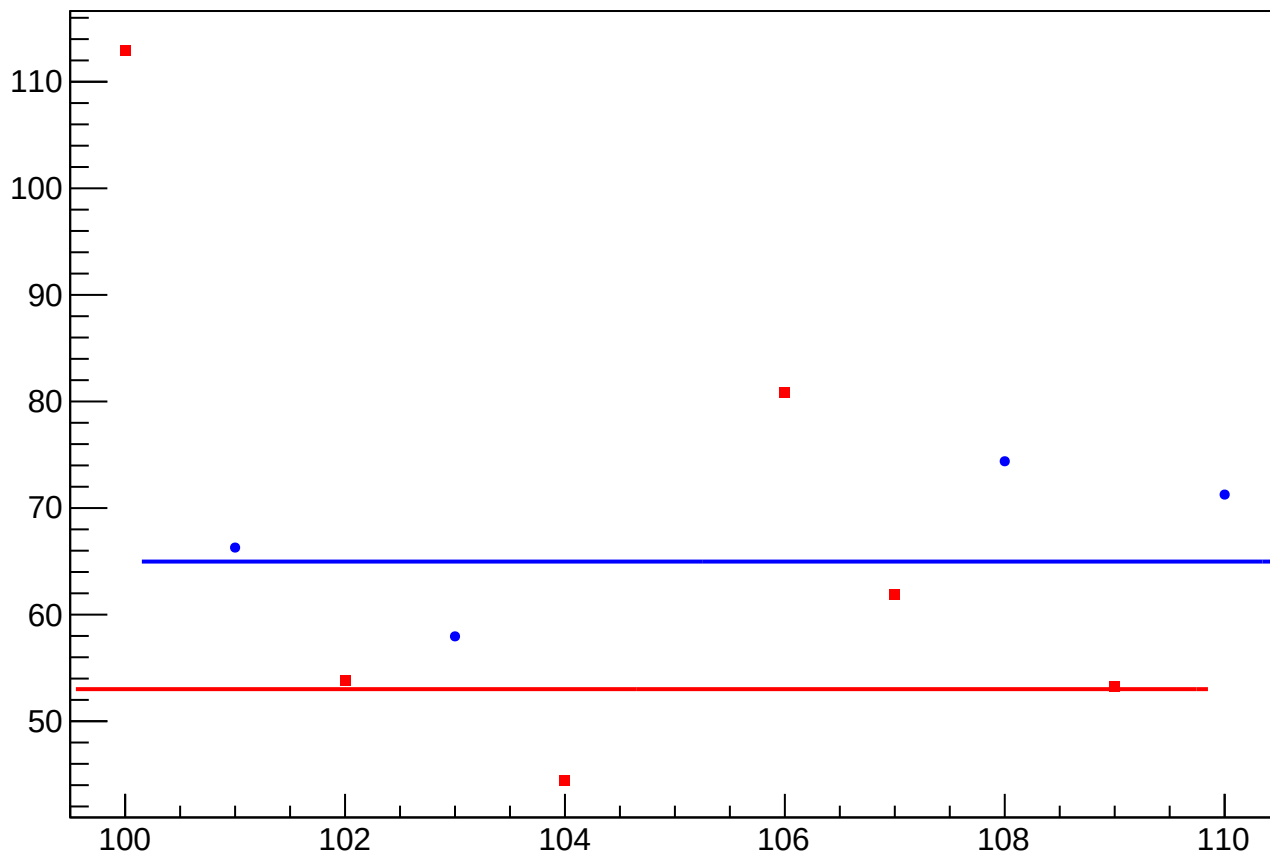
Right: 0.002 $\pm$ 0.029 χ^2 /NDF: 10.3/9

In: 0.012 $\pm$ 0.047 χ^2 /NDF:2.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.029 χ^2 /NDF: 10.3/9

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.979+/-0.033 χ^2/NDF : 35018.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.009+/-0.026 χ^2/NDF : 138848.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

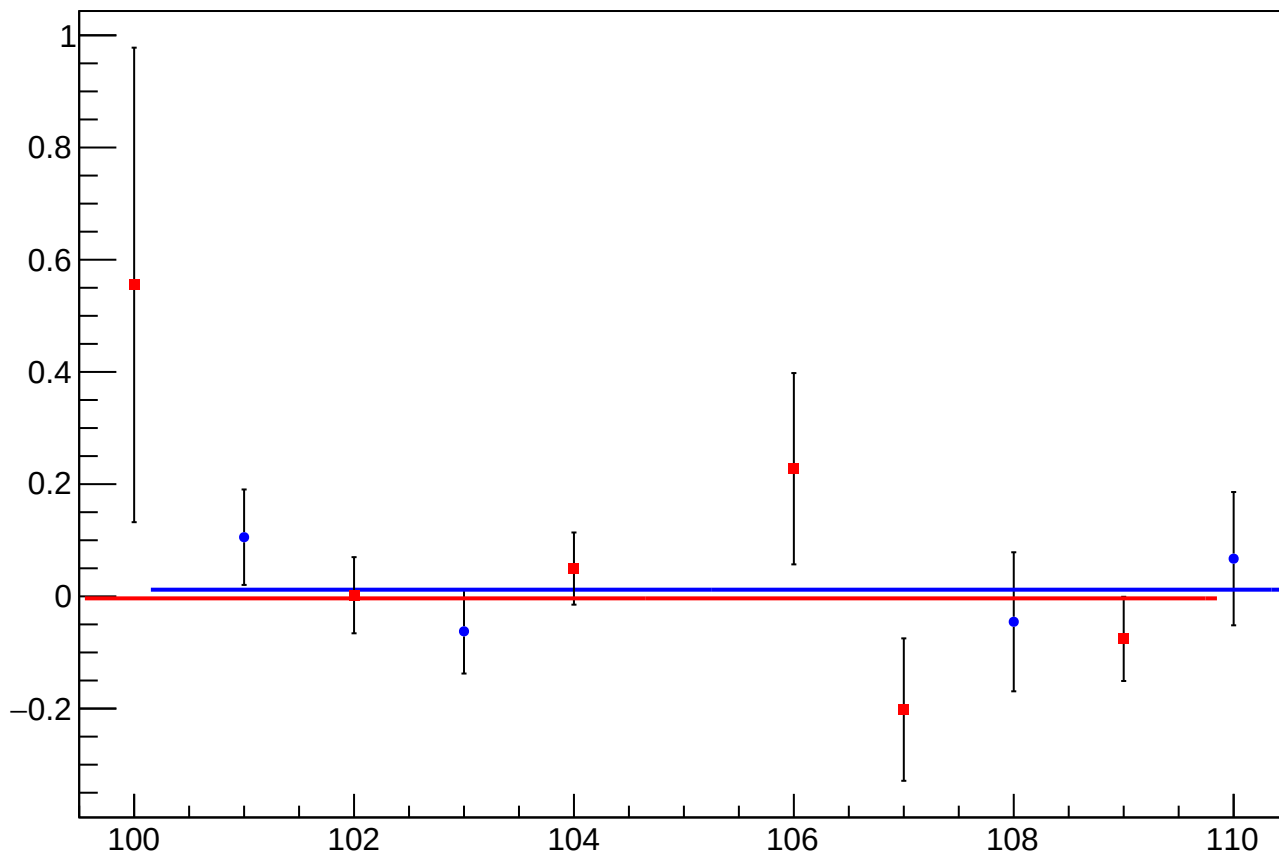
Right: 57.546+/-0.021 χ^2/NDF : 254097.7/9

In: 64.979+/-0.033 χ^2/NDF : 35018.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.546+/-0.021 χ^2/NDF : 254097.7/9

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.047 χ^2 /NDF: 2.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.037 χ^2 /NDF: 7.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

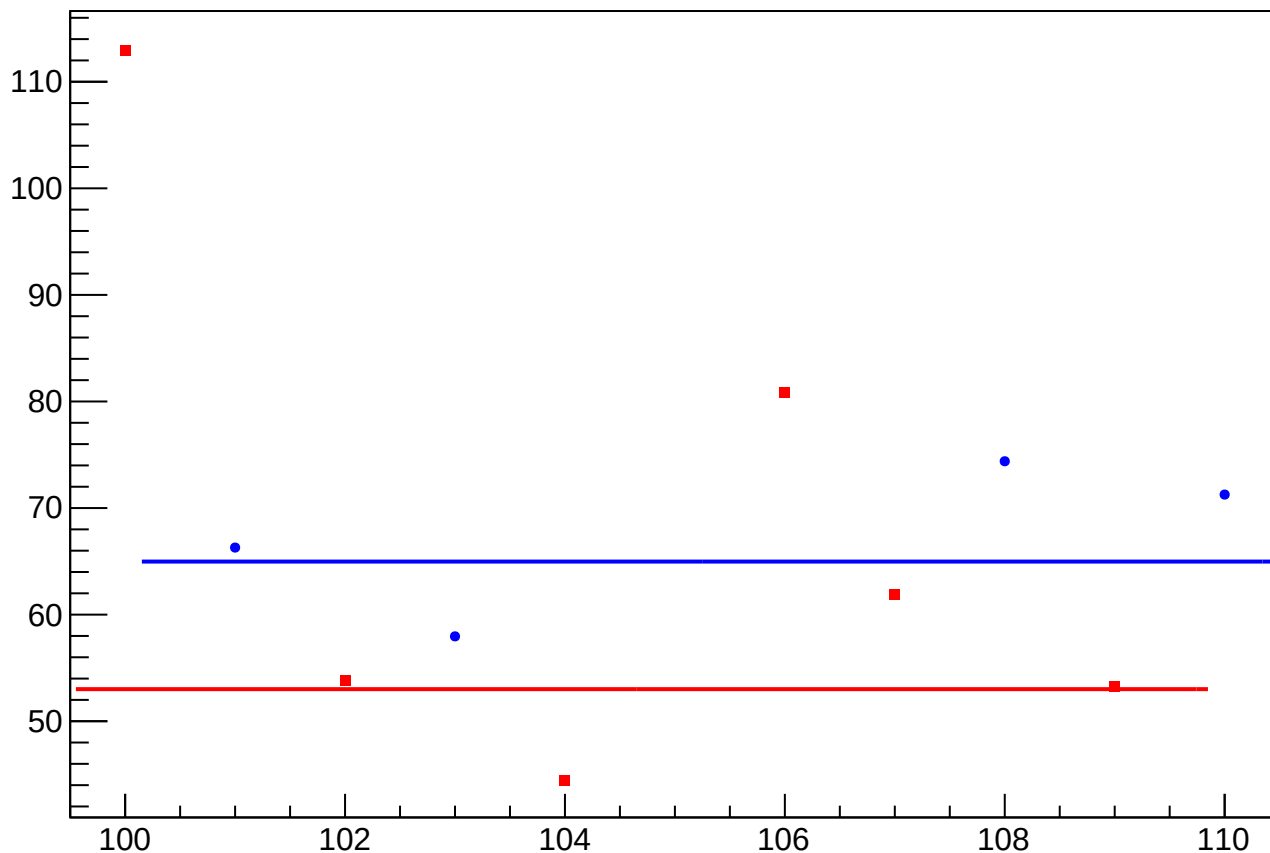
Right: 0.002 $\pm$ 0.029 χ^2 /NDF: 10.3/9

In: 0.012 $\pm$ 0.047 χ^2 /NDF:2.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.029 χ^2 /NDF: 10.3/9

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.979+/-0.033 χ^2/NDF : 35018.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.009+/-0.026 χ^2/NDF : 138848.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

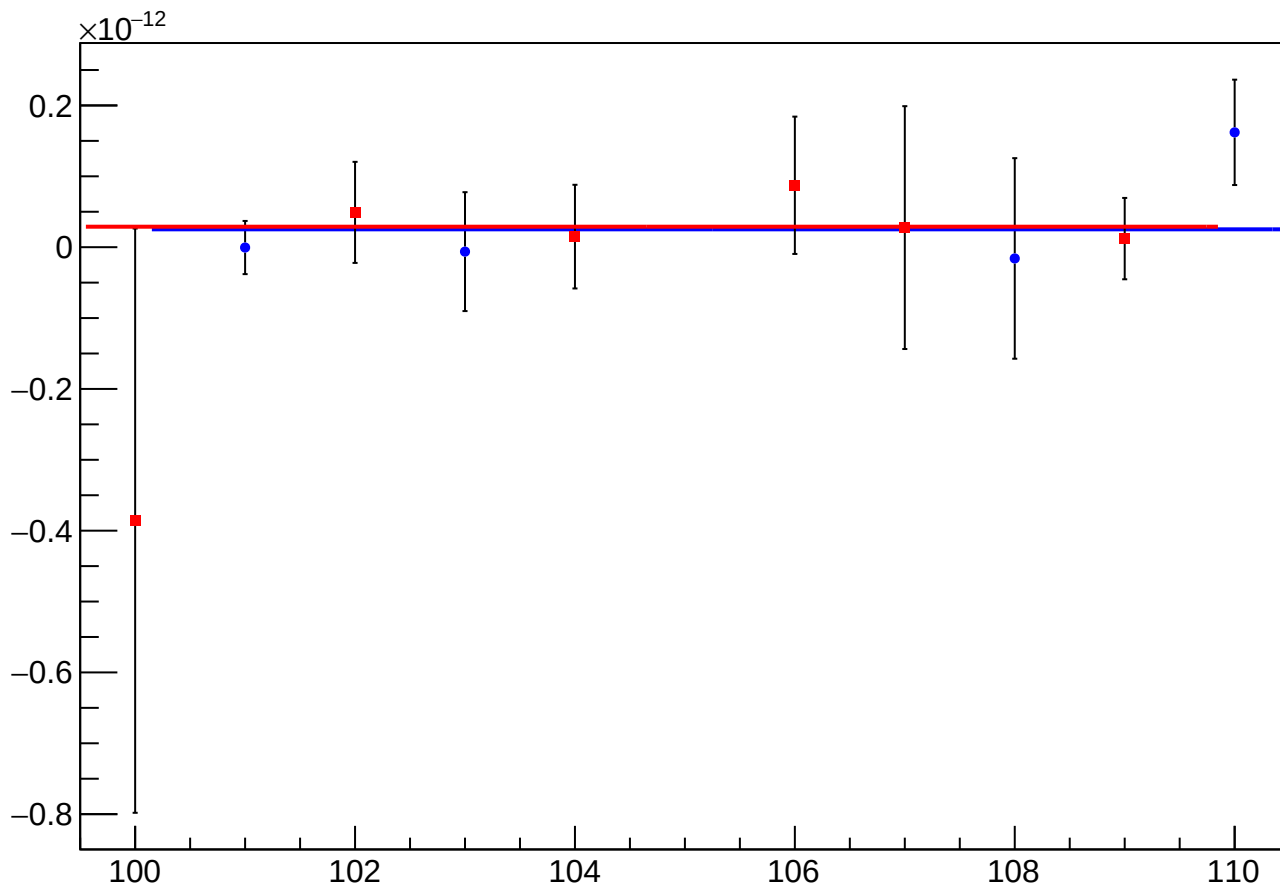
Right: 57.546+/-0.021 χ^2/NDF : 254097.7/9

In: 64.979+/-0.033 χ^2/NDF : 35018.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.546+/-0.021 χ^2/NDF : 254097.7/9

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

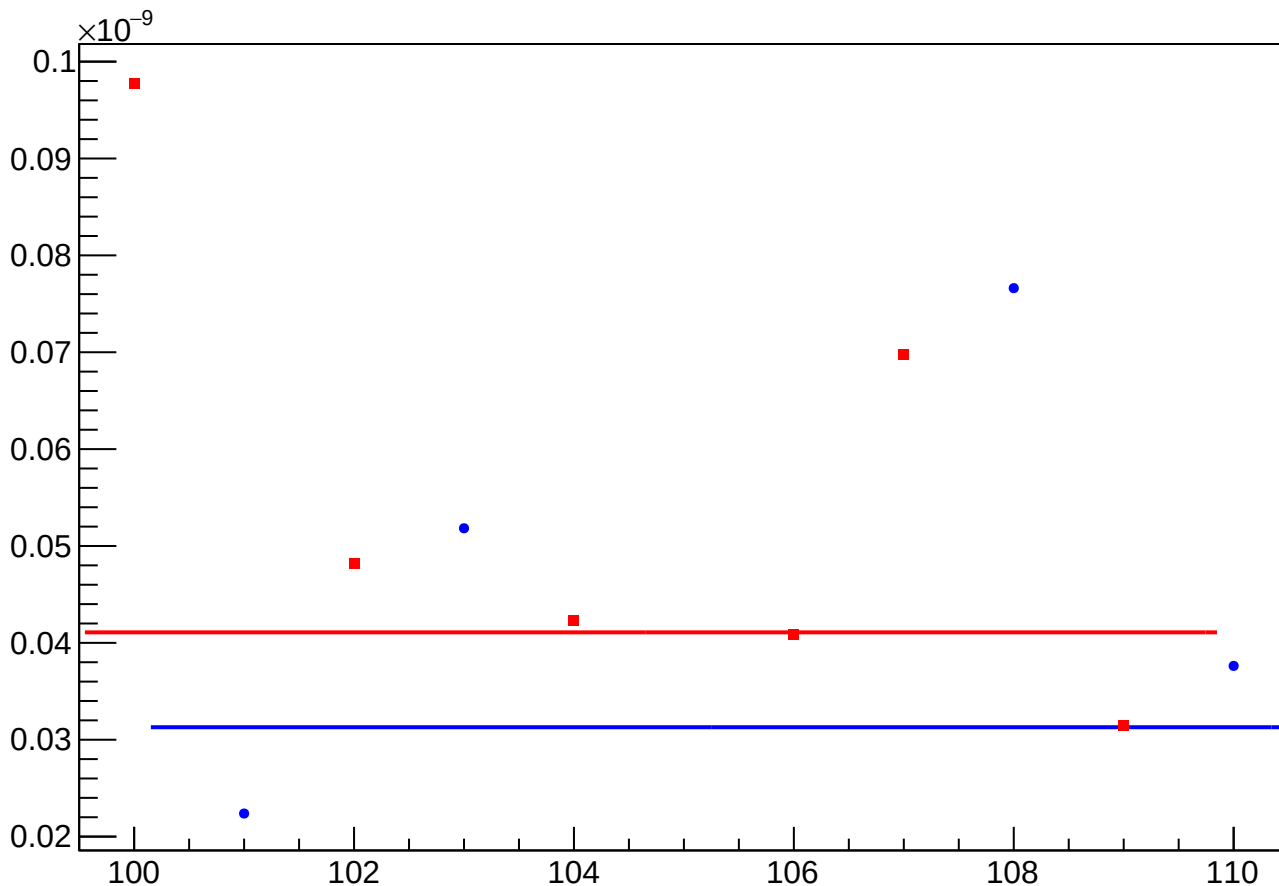
Right: 0.000+/-0.000 χ^2/NDF : 5.7/9

In: 0.000+/-0.000 χ^2/NDF : 4.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.7/9

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 452400.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 169966.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

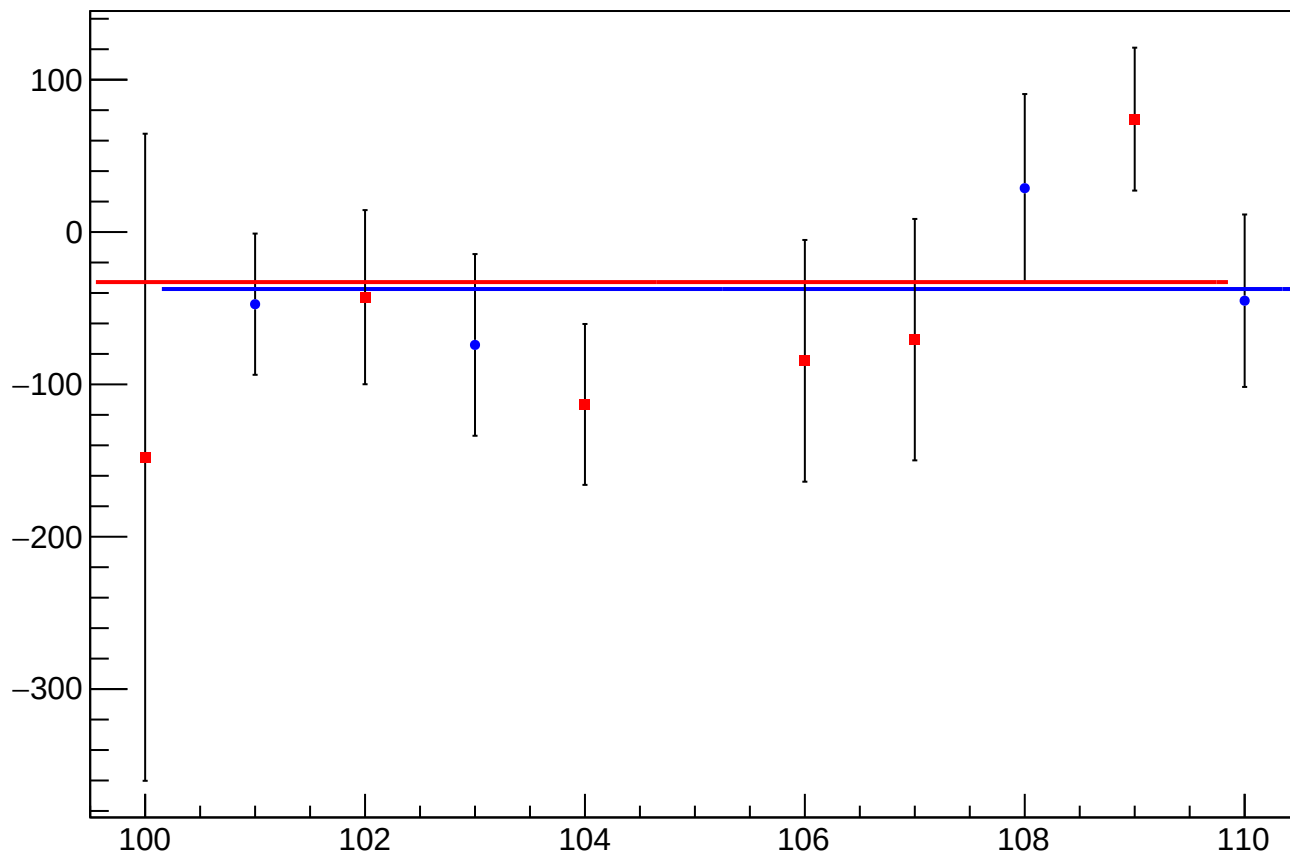
Right: 0.000+/-0.000 χ^2/NDF : 712761.0/9

In: 0.000+/-0.000 χ^2/NDF : 452400.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 712761.0/9

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -37.401 ± 27.516 χ^2/NDF : 1.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.847 ± 26.175 χ^2/NDF : 8.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

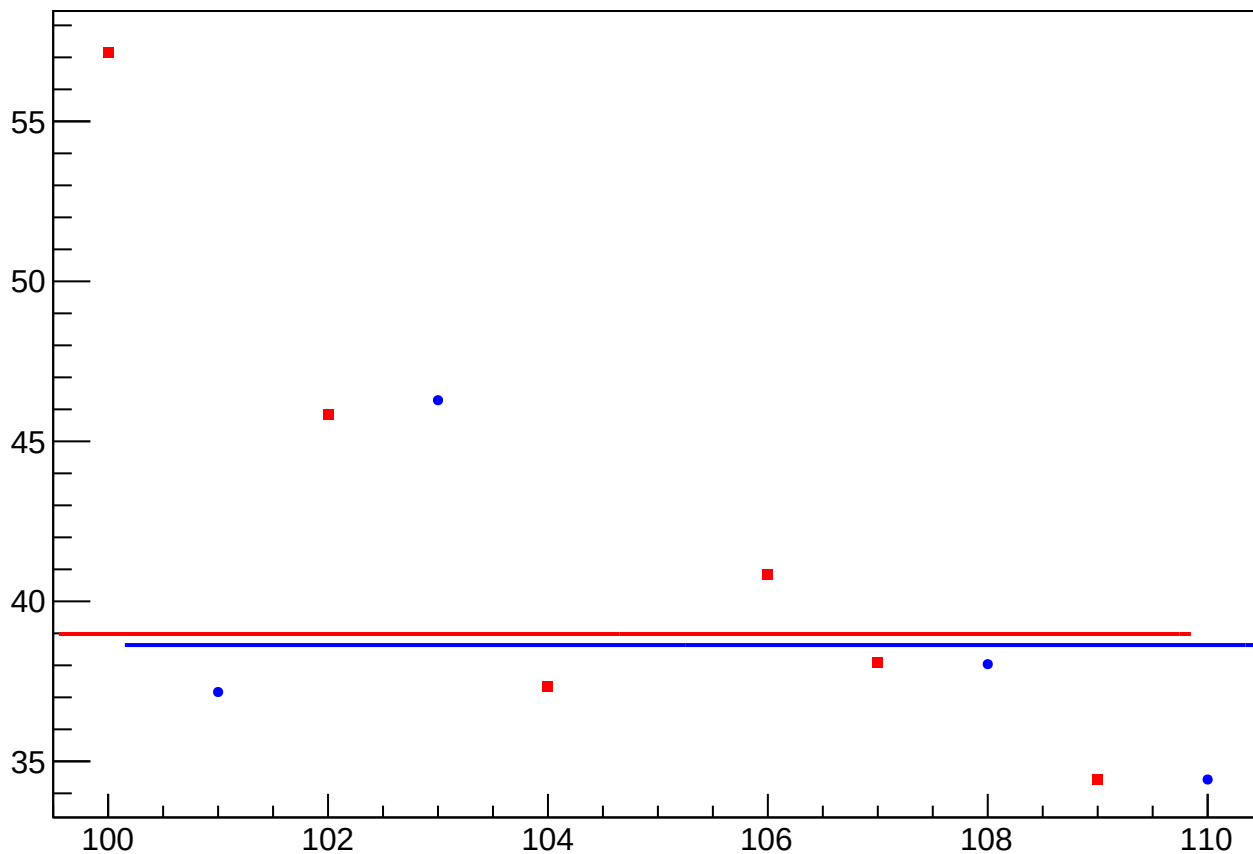
Right: -35.010 ± 18.965 χ^2/NDF : 10.1/9

In: -37.401 ± 27.516 χ^2/NDF : 1.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.010 ± 18.965 χ^2/NDF : 10.1/9

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 38.634+/-0.019 χ^2/NDF : 46140.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.980+/-0.019 χ^2/NDF : 65475.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

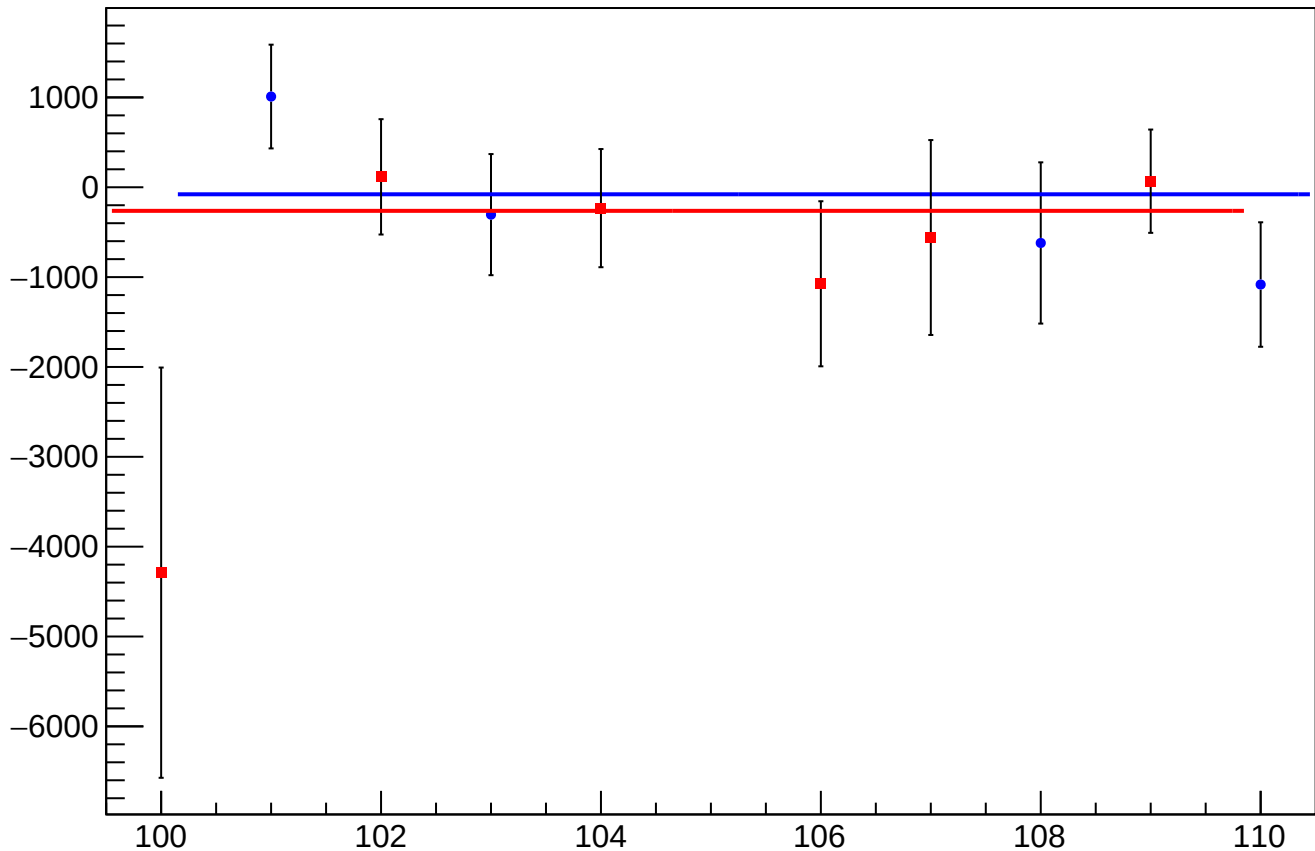
Right: 38.816+/-0.013 χ^2/NDF : 111782.2/9

In: 38.634+/-0.019 χ^2/NDF : 46140.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.816+/-0.013 χ^2/NDF : 111782.2/9

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -78.200+/-342.438 χ^2/NDF : 6.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.474+/-316.352 χ^2/NDF : 4.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

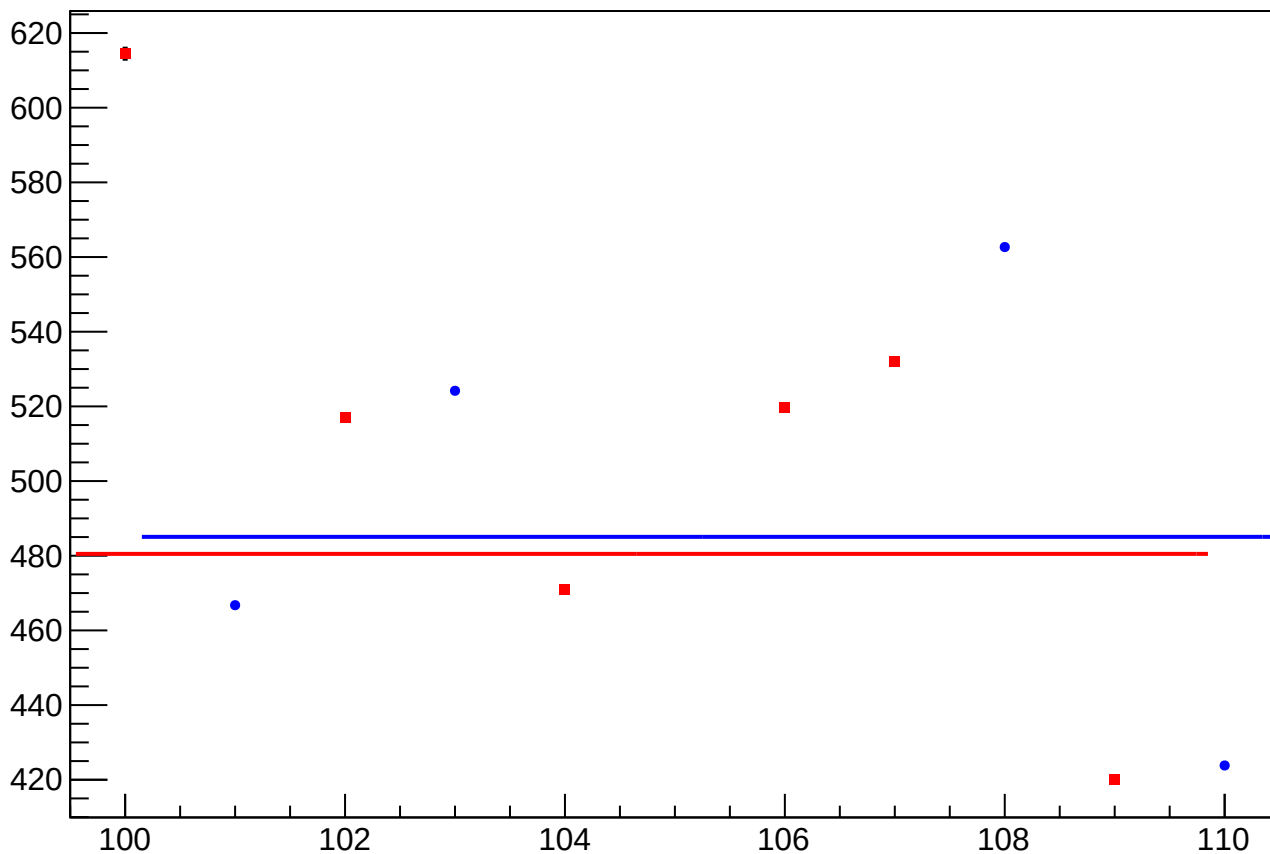
Right: -177.622+/-232.370 χ^2/NDF : 10.9/9

In: -78.200+/-342.438 χ^2/NDF : 6.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.622+/-232.370 χ^2/NDF : 10.9/9

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 485.059+/-0.242 χ^2/NDF : 39342.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.494+/-0.224 χ^2/NDF : 44024.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

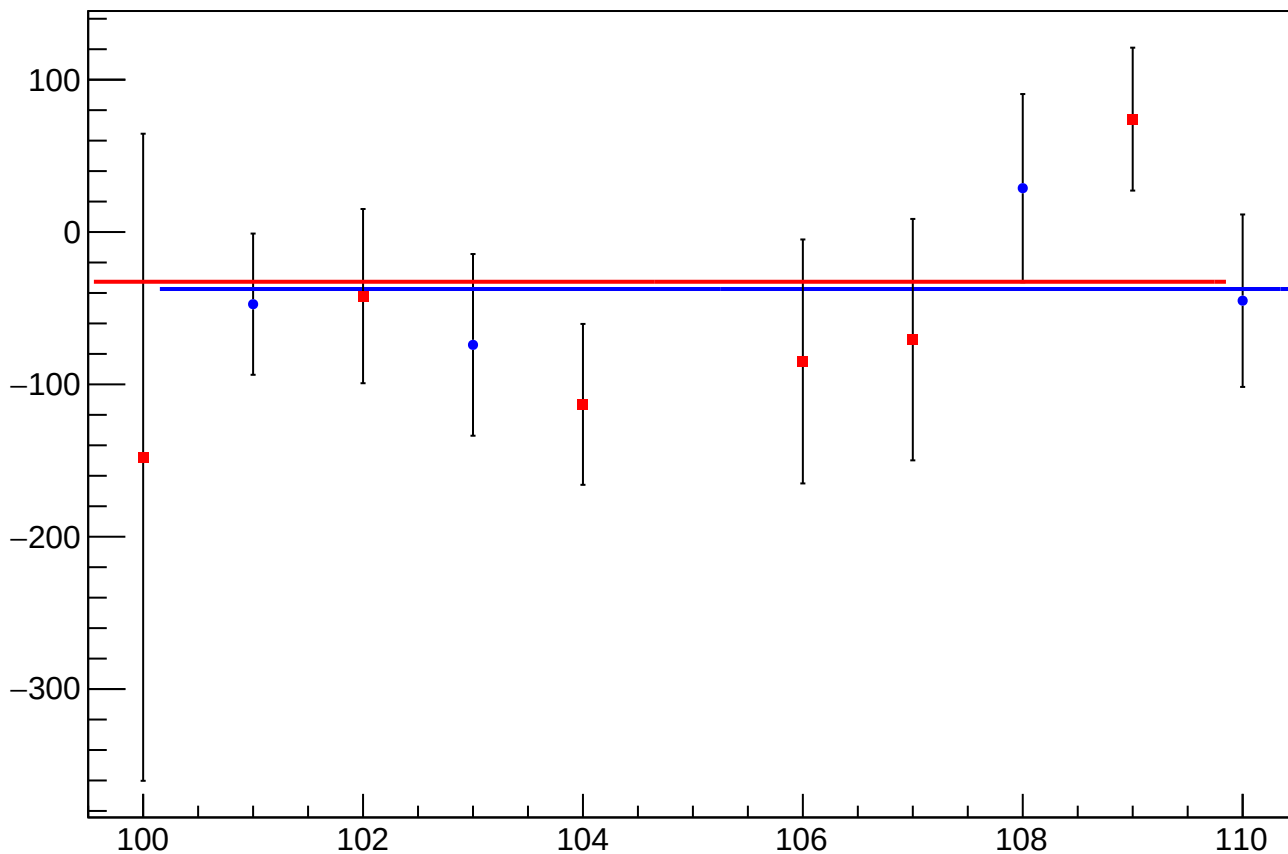
Right: 482.596+/-0.164 χ^2/NDF : 83559.1/9

In: 485.059+/-0.242 χ^2/NDF : 39342.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.596+/-0.164 χ^2/NDF : 83559.1/9

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -37.397 $\pm$ 27.516 χ^2 /NDF: 1.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.637 $\pm$ 26.204 χ^2 /NDF: 8.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

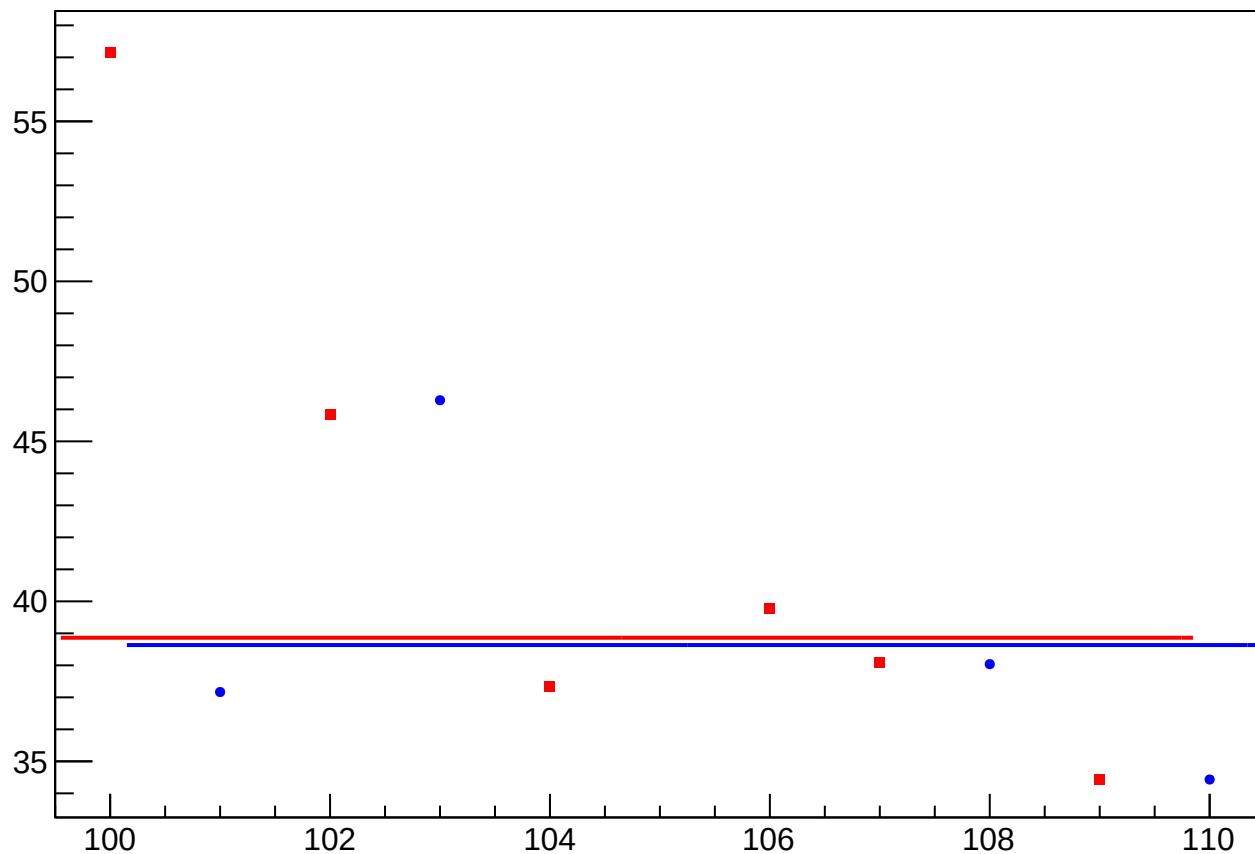
Right: -34.901 $\pm$ 18.976 χ^2 /NDF: 10.1/9

In: -37.397 $\pm$ 27.516 χ^2 /NDF:1.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -34.901 $\pm$ 18.976 χ^2 /NDF: 10.1/9

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 38.634+/-0.019 χ^2/NDF : 46142.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.863+/-0.019 χ^2/NDF : 64652.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

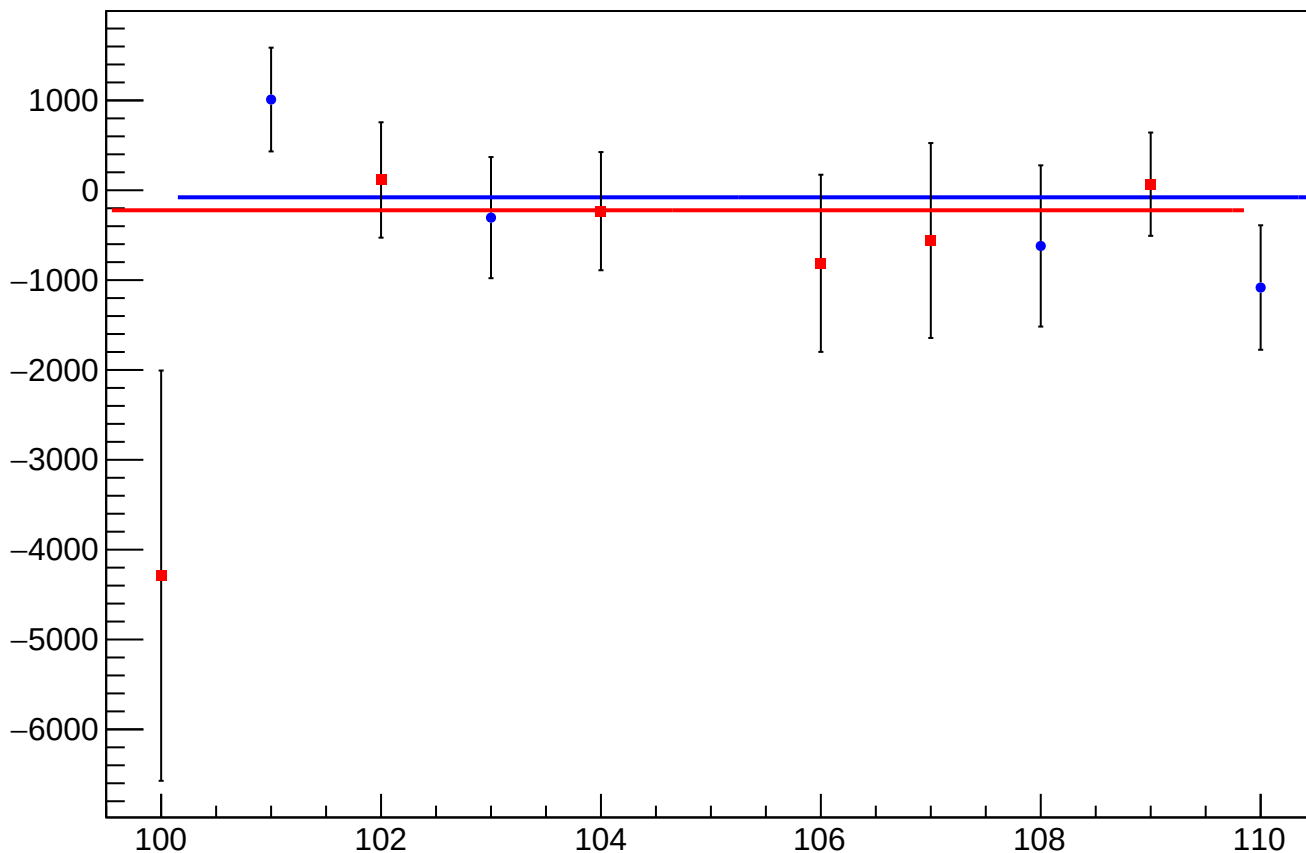
Right: 38.754+/-0.013 χ^2/NDF : 110867.3/9

In: 38.634+/-0.019 χ^2/NDF : 46142.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.754+/-0.013 χ^2/NDF : 110867.3/9

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -78.246 $\pm$ 342.442 χ^2 /NDF: 6.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -222.744 $\pm$ 318.886 χ^2 /NDF: 4.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

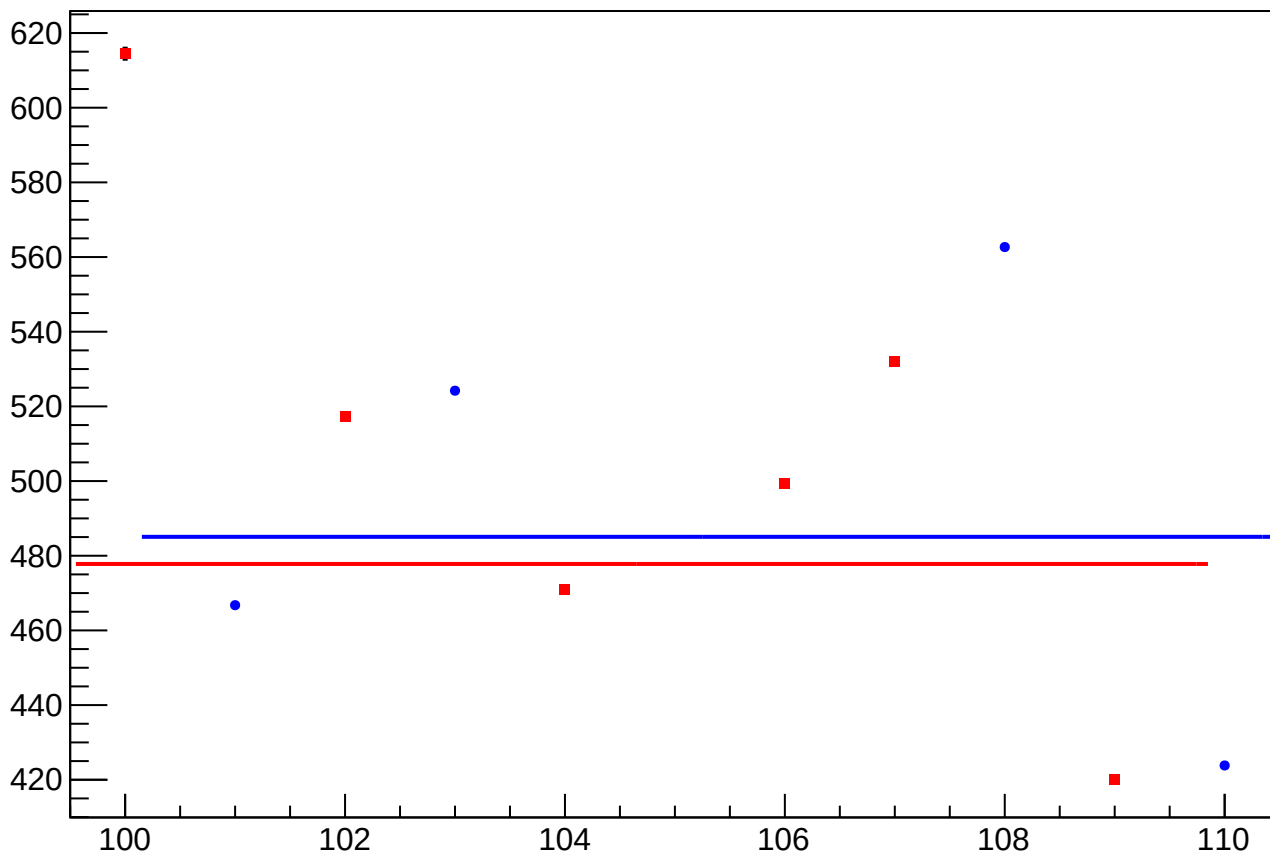
Right: -155.635 $\pm$ 233.370 χ^2 /NDF: 10.4/9

In: -78.246 $\pm$ 342.442 χ^2 /NDF:6.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -155.635 $\pm$ 233.370 χ^2 /NDF: 10.4/9

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 485.064+/-0.242 χ^2/NDF : 39350.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.793+/-0.225 χ^2/NDF : 41032.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

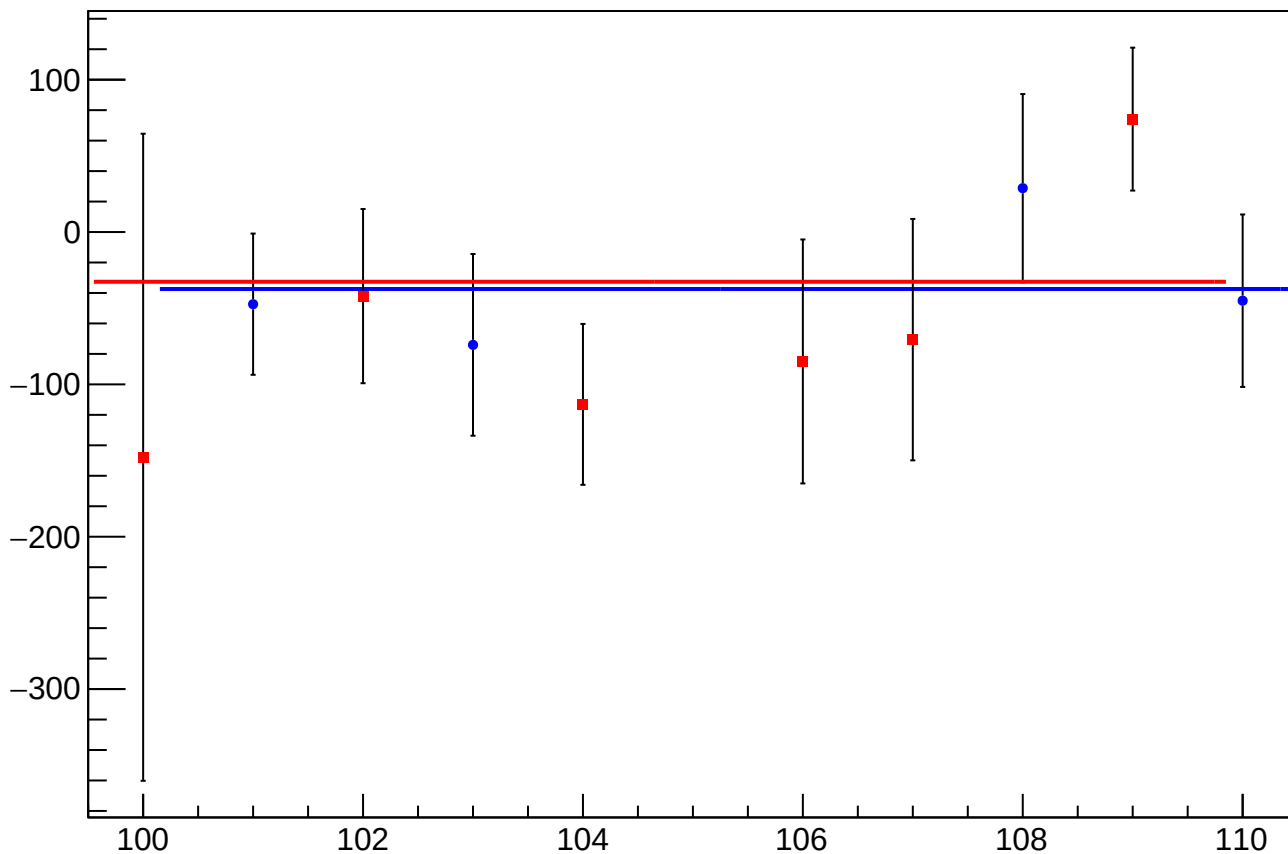
Right: 481.170+/-0.165 χ^2/NDF : 80865.9/9

In: 485.064+/-0.242 χ^2/NDF : 39350.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.170+/-0.165 χ^2/NDF : 80865.9/9

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -37.397 ± 27.516 χ^2/NDF : 1.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.637 ± 26.204 χ^2/NDF : 8.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

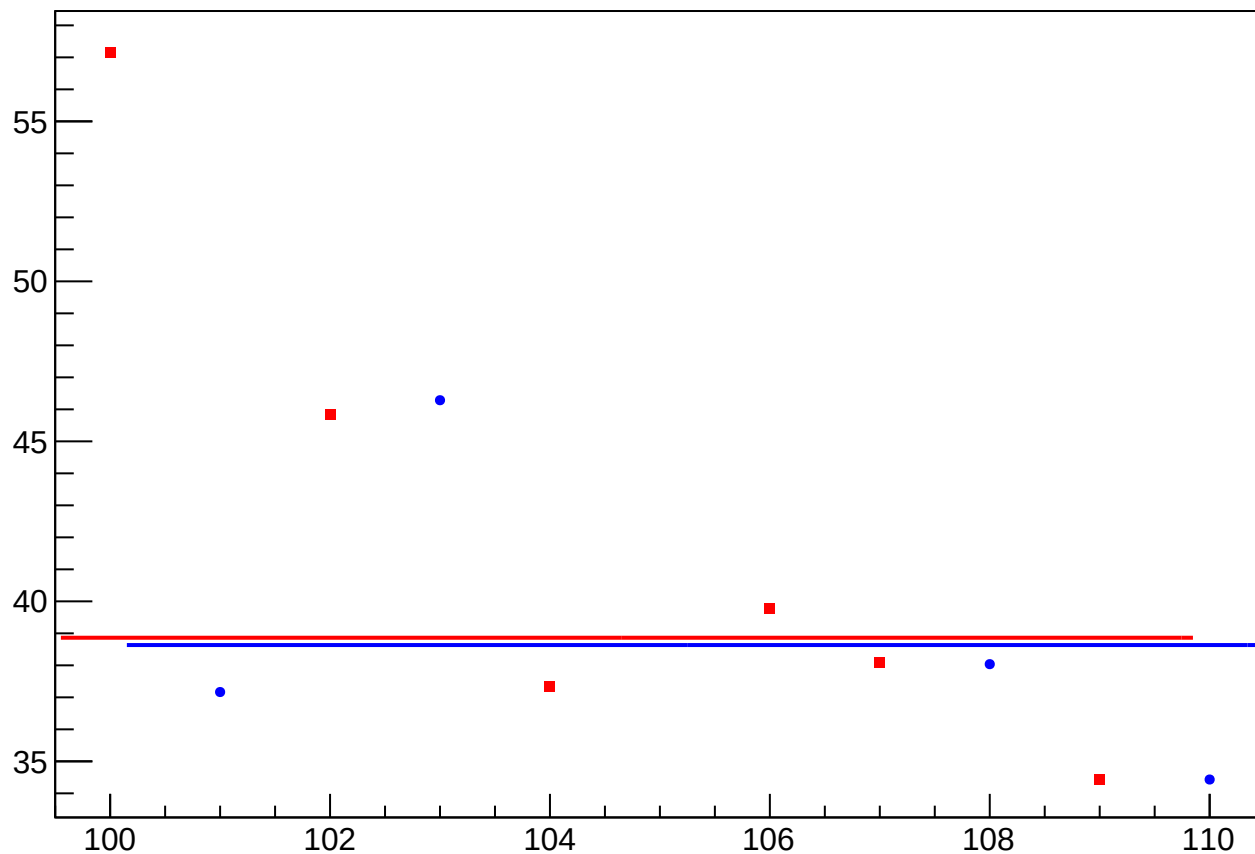
Right: -34.901 ± 18.976 χ^2/NDF : 10.1/9

In: -37.397 ± 27.516 χ^2/NDF : 1.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.901 ± 18.976 χ^2/NDF : 10.1/9

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 38.634+/-0.019 χ^2/NDF : 46142.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.863+/-0.019 χ^2/NDF : 64652.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

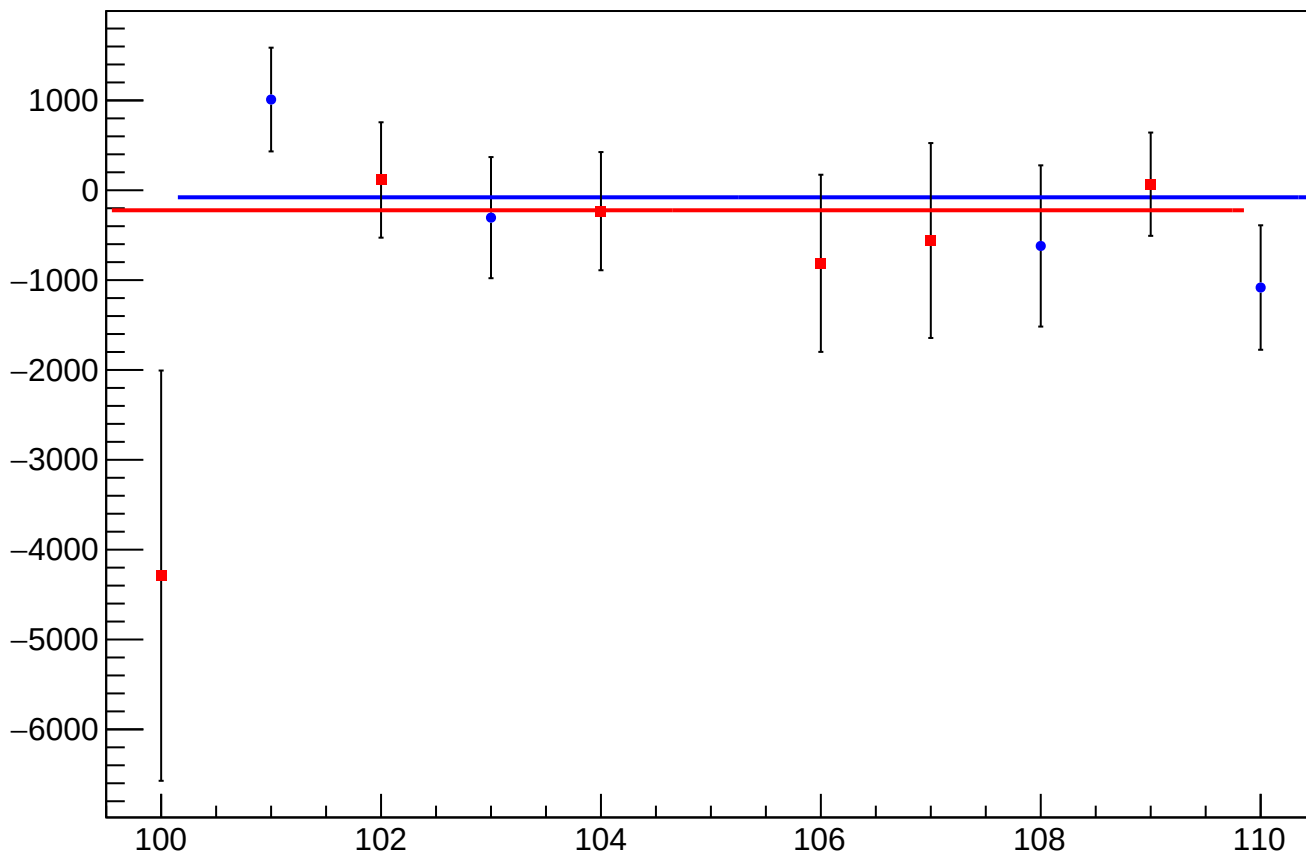
Right: 38.754+/-0.013 χ^2/NDF : 110867.3/9

In: 38.634+/-0.019 χ^2/NDF : 46142.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.754+/-0.013 χ^2/NDF : 110867.3/9

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -78.246 $\pm$ 342.442 χ^2 /NDF: 6.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -222.744 $\pm$ 318.886 χ^2 /NDF: 4.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

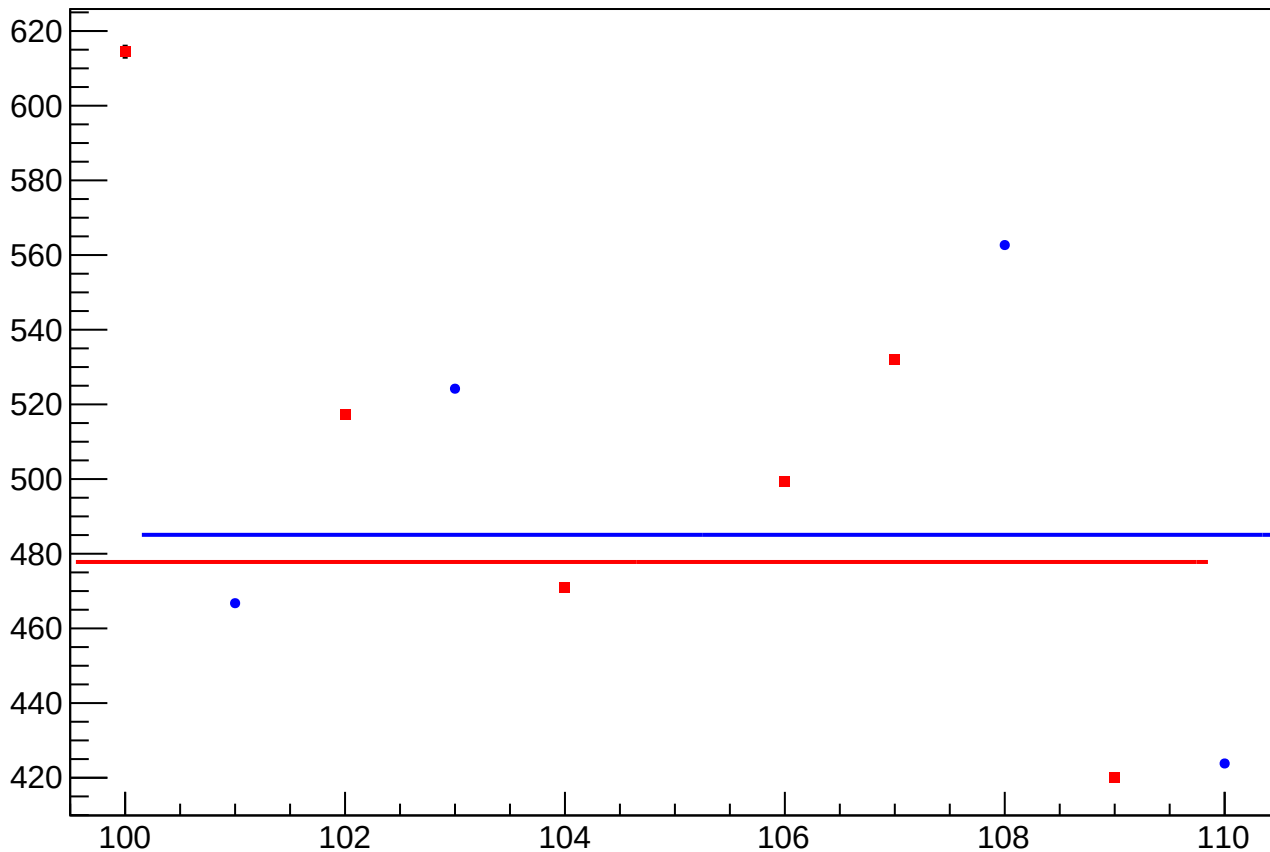
Right: -155.635 $\pm$ 233.370 χ^2 /NDF: 10.4/9

In: -78.246 $\pm$ 342.442 χ^2 /NDF:6.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -155.635 $\pm$ 233.370 χ^2 /NDF: 10.4/9

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 485.064+/-0.242 χ^2/NDF : 39350.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.793+/-0.225 χ^2/NDF : 41032.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

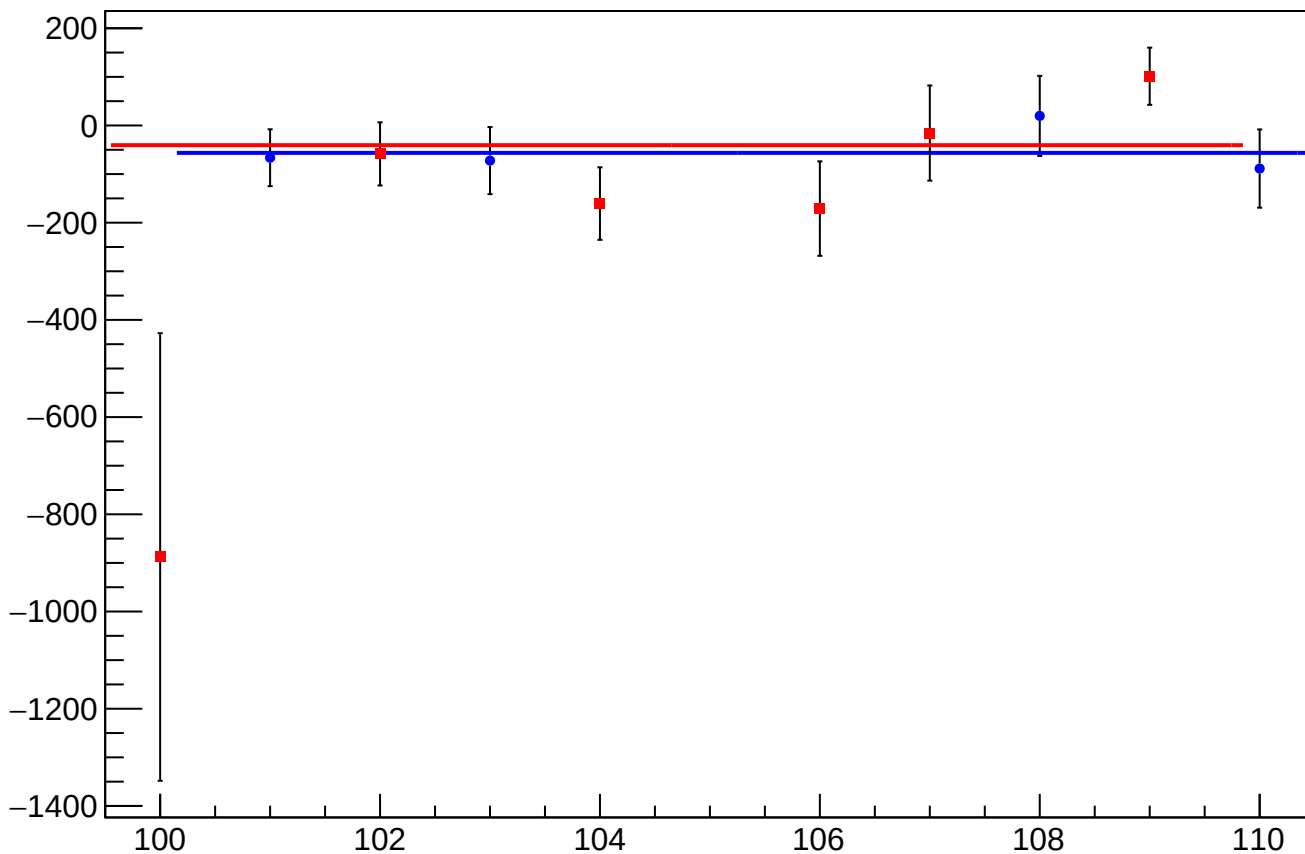
Right: 481.170+/-0.165 χ^2/NDF : 80865.9/9

In: 485.064+/-0.242 χ^2/NDF : 39350.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.170+/-0.165 χ^2/NDF : 80865.9/9

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -56.373+/-35.272 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.575+/-32.958 χ^2/NDF : 13.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

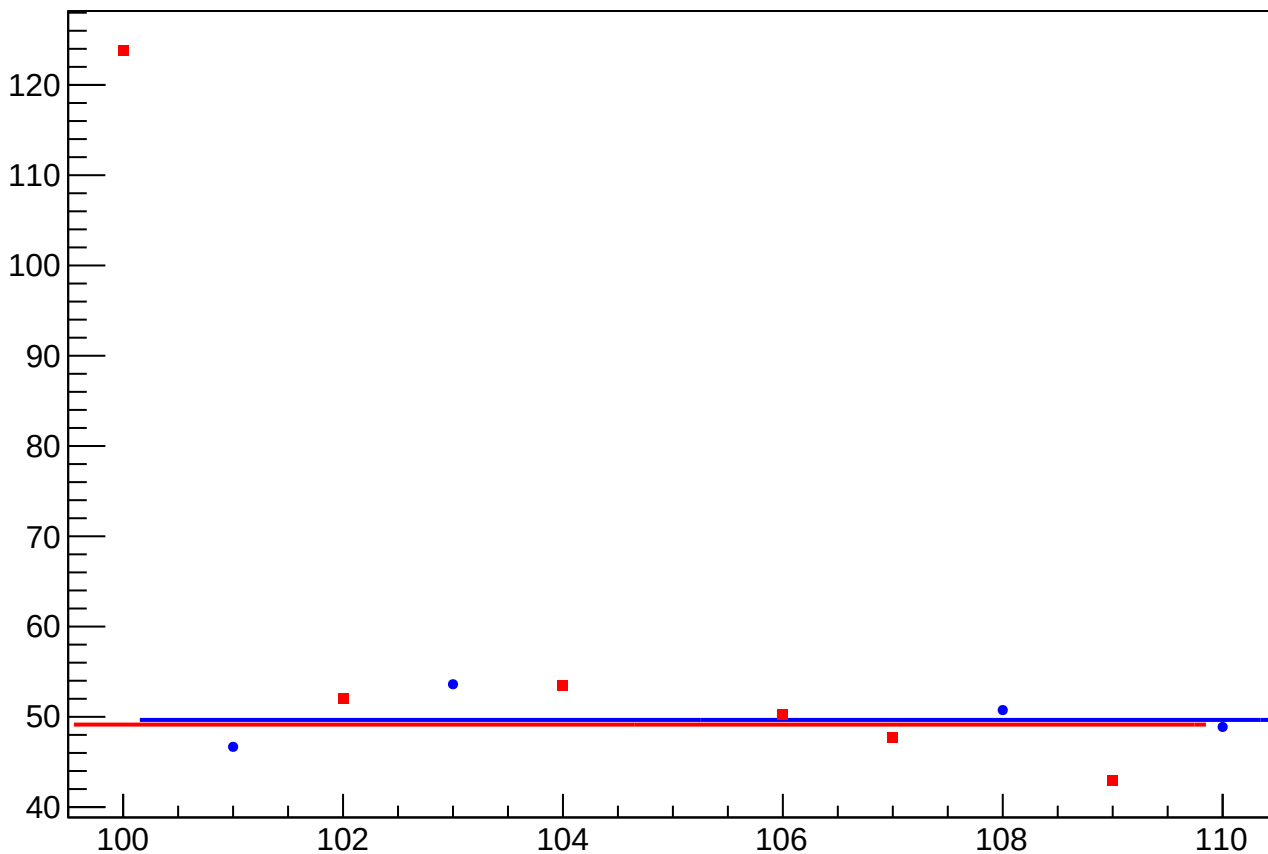
Right: -47.939+/-24.081 χ^2/NDF : 14.9/9

In: -56.373+/-35.272 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.939+/-24.081 χ^2/NDF : 14.9/9

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 49.660 $\pm$ 0.025 χ^2 /NDF: 12289.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.141 $\pm$ 0.023 χ^2 /NDF: 86181.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

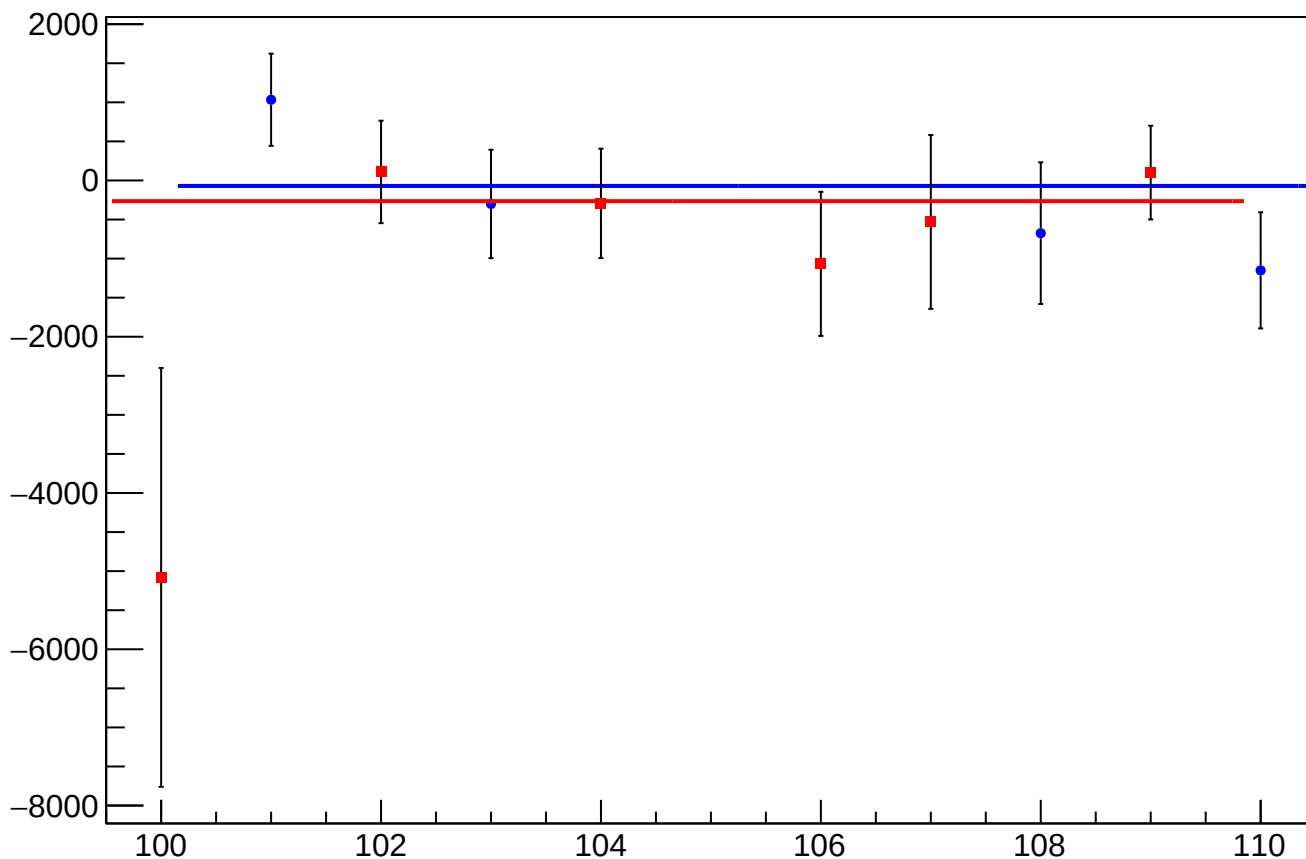
Right: 49.383 $\pm$ 0.017 χ^2 /NDF: 98701.4/9

In: 49.660 $\pm$ 0.025 χ^2 /NDF:12289.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.383 $\pm$ 0.017 χ^2 /NDF: 98701.4/9

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -70.261 ± 353.967 χ^2/NDF : 6.2/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -264.907 ± 328.371 χ^2/NDF : 4.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

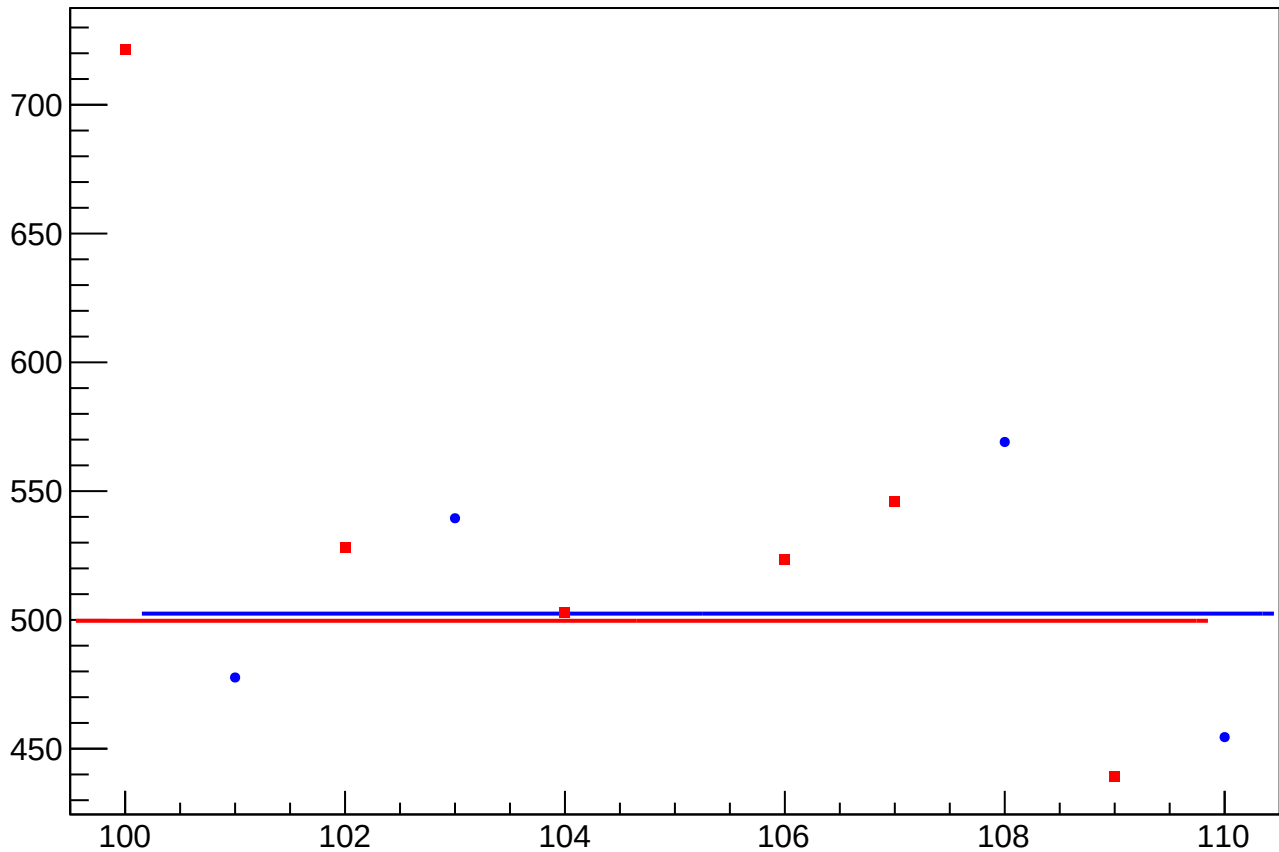
Right: -174.875 ± 240.734 χ^2/NDF : 11.1/9

In: -70.261 ± 353.967 χ^2/NDF : 6.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -174.875 ± 240.734 χ^2/NDF : 11.1/9

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 502.445+/-0.250 χ^2/NDF : 28370.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 499.667+/-0.232 χ^2/NDF : 42658.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

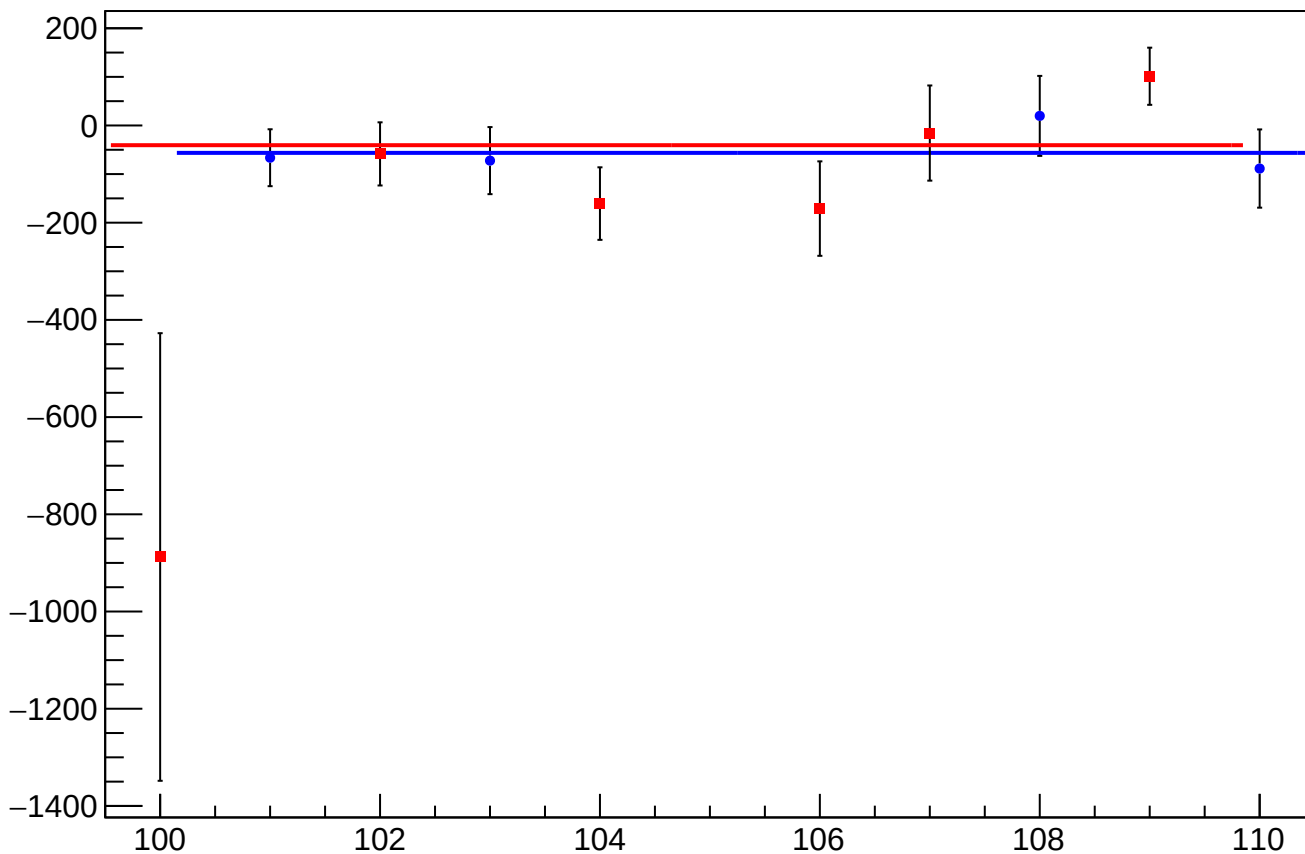
Right: 500.952+/-0.170 χ^2/NDF : 71096.0/9

In: 502.445+/-0.250 χ^2/NDF : 28370.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 500.952+/-0.170 χ^2/NDF : 71096.0/9

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -56.370+/-35.271 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.574+/-32.958 χ^2/NDF : 13.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

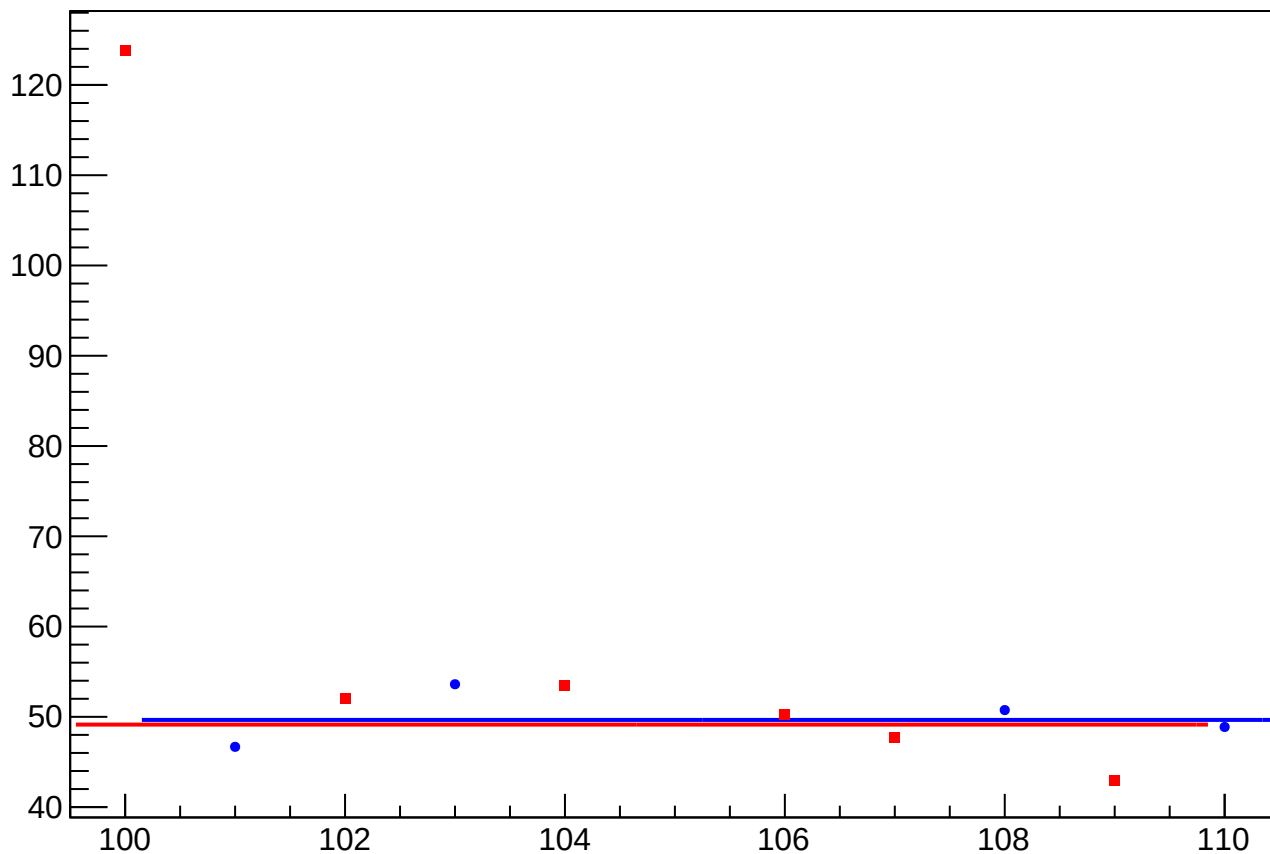
Right: -47.937+/-24.081 χ^2/NDF : 14.9/9

In: -56.370+/-35.271 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.937+/-24.081 χ^2/NDF : 14.9/9

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 49.659 $\pm$ 0.025 χ^2 /NDF: 12288.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.140 $\pm$ 0.023 χ^2 /NDF: 86182.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

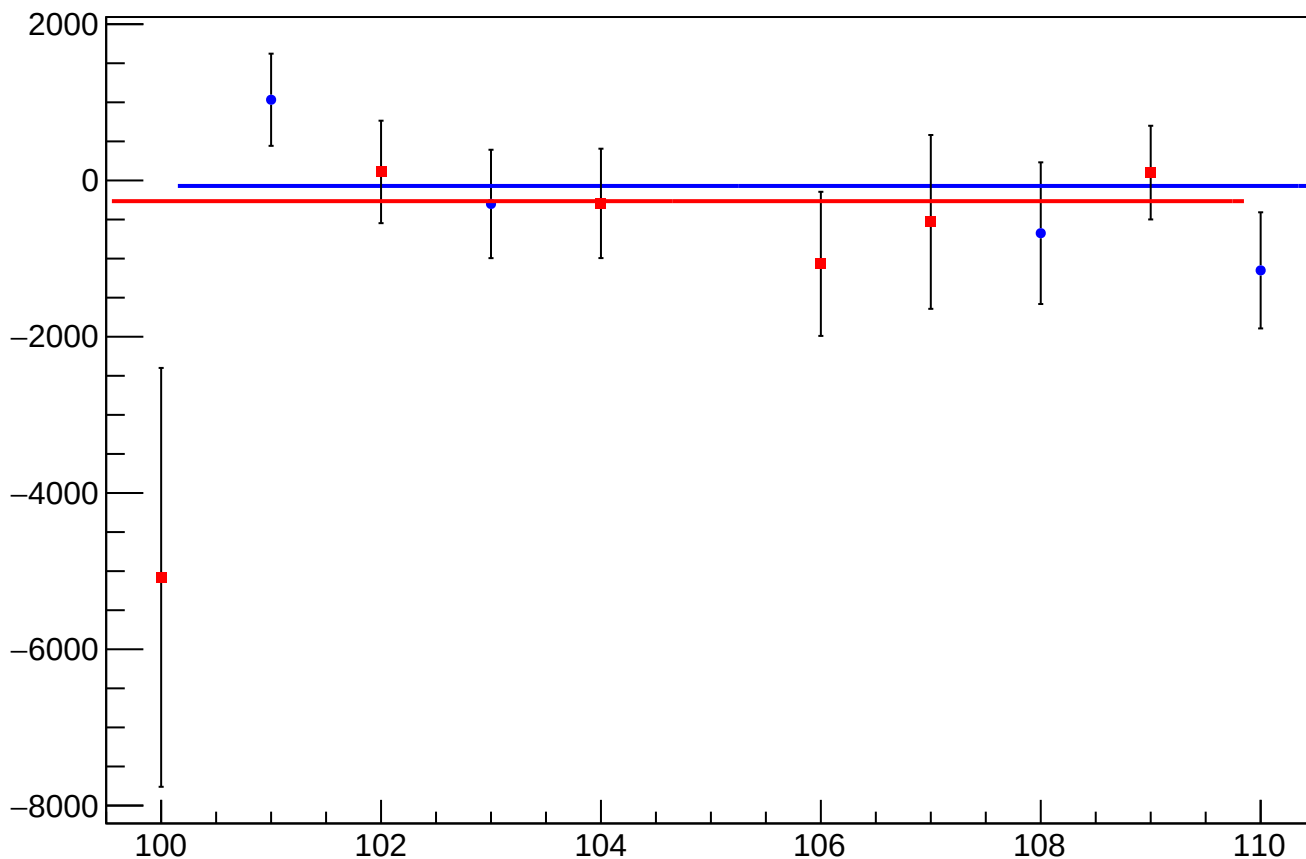
Right: 49.382 $\pm$ 0.017 χ^2 /NDF: 98702.0/9

In: 49.659 $\pm$ 0.025 χ^2 /NDF: 12288.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.382 $\pm$ 0.017 χ^2 /NDF: 98702.0/9

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -70.263 ± 353.966 χ^2/NDF : 6.2/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -264.906 ± 328.370 χ^2/NDF : 4.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

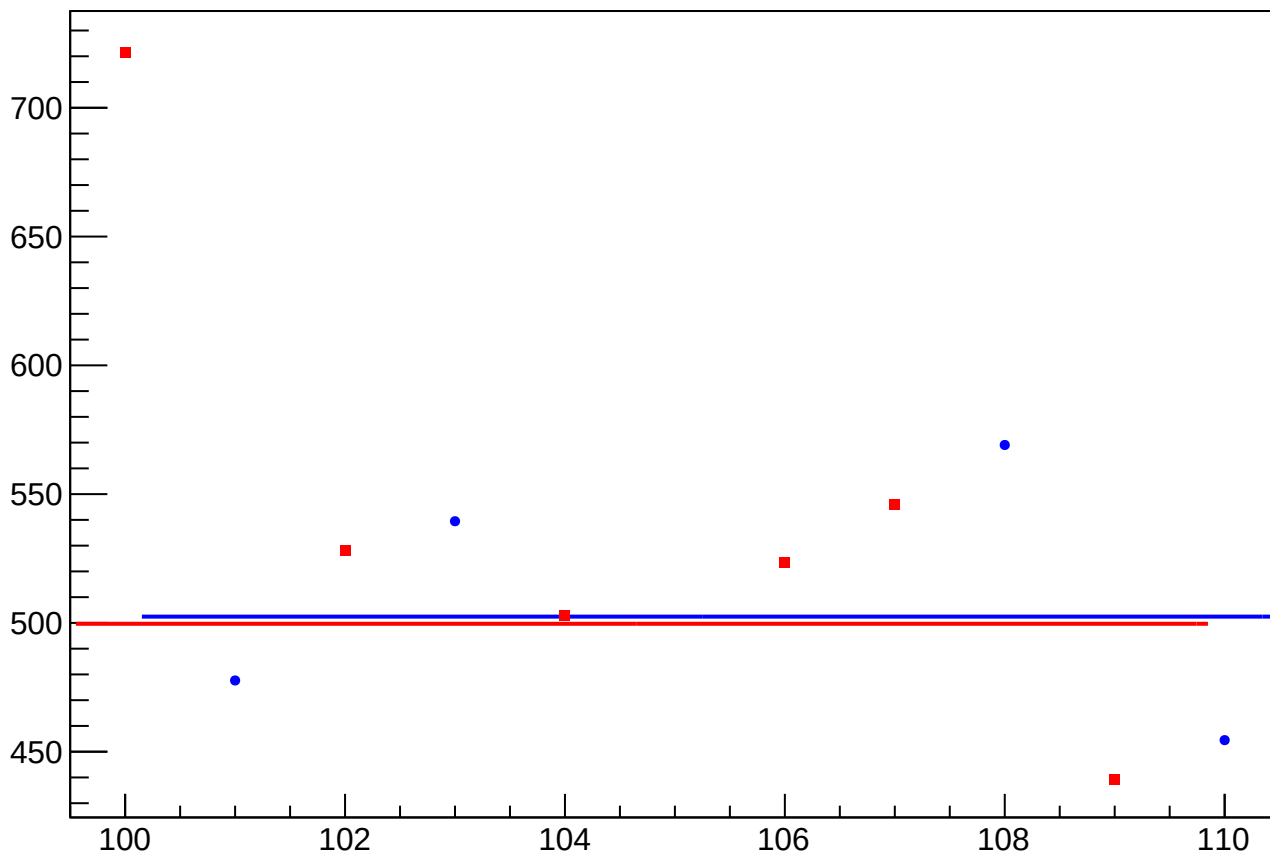
Right: -174.876 ± 240.734 χ^2/NDF : 11.1/9

In: -70.263 ± 353.966 χ^2/NDF : 6.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -174.876 ± 240.734 χ^2/NDF : 11.1/9

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 502.444+/-0.250 χ^2/NDF : 28371.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 499.666+/-0.232 χ^2/NDF : 42659.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

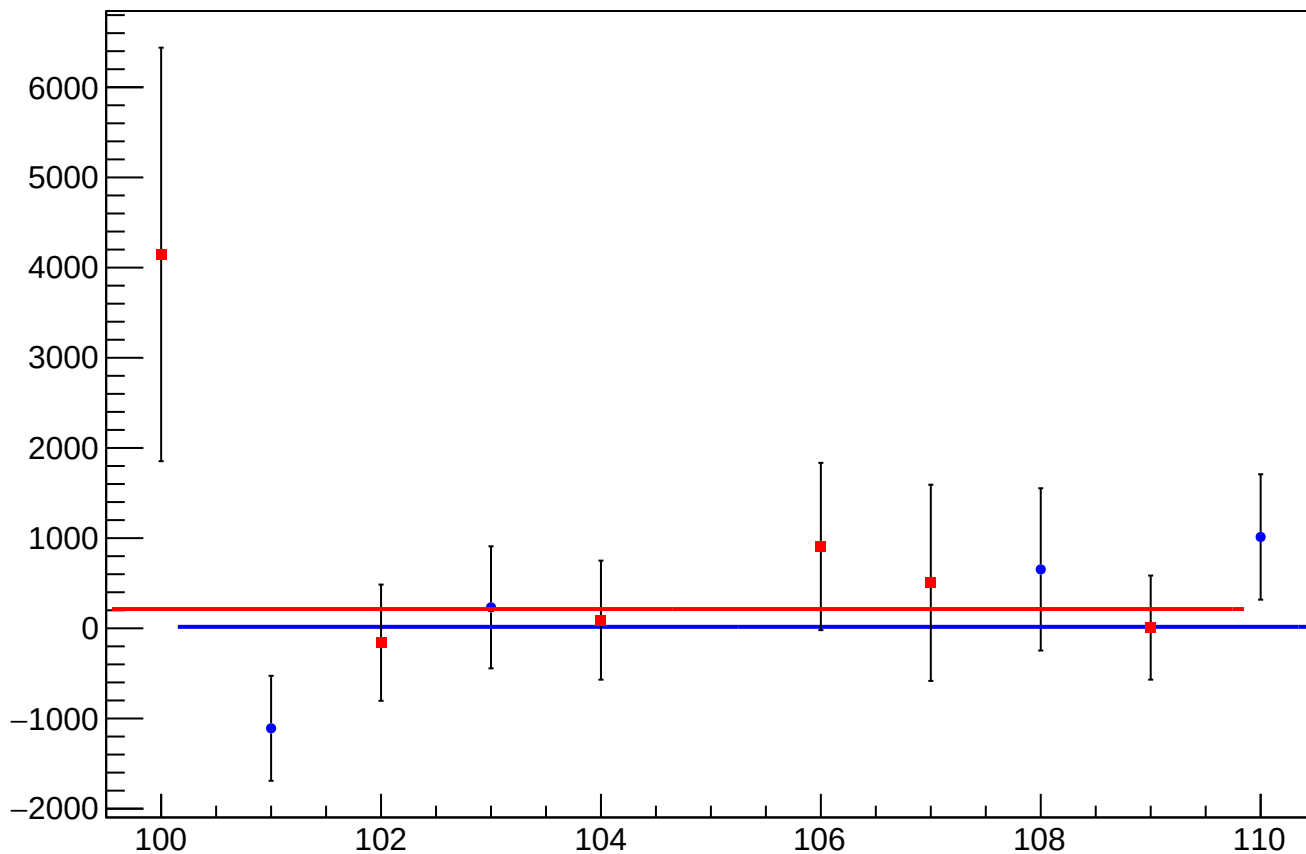
Right: 500.951+/-0.170 χ^2/NDF : 71098.0/9

In: 502.444+/-0.250 χ^2/NDF : 28371.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 500.951+/-0.170 χ^2/NDF : 71098.0/9

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 16.424+/-344.231 χ^2/NDF : 6.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.761+/-317.747 χ^2/NDF : 4.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

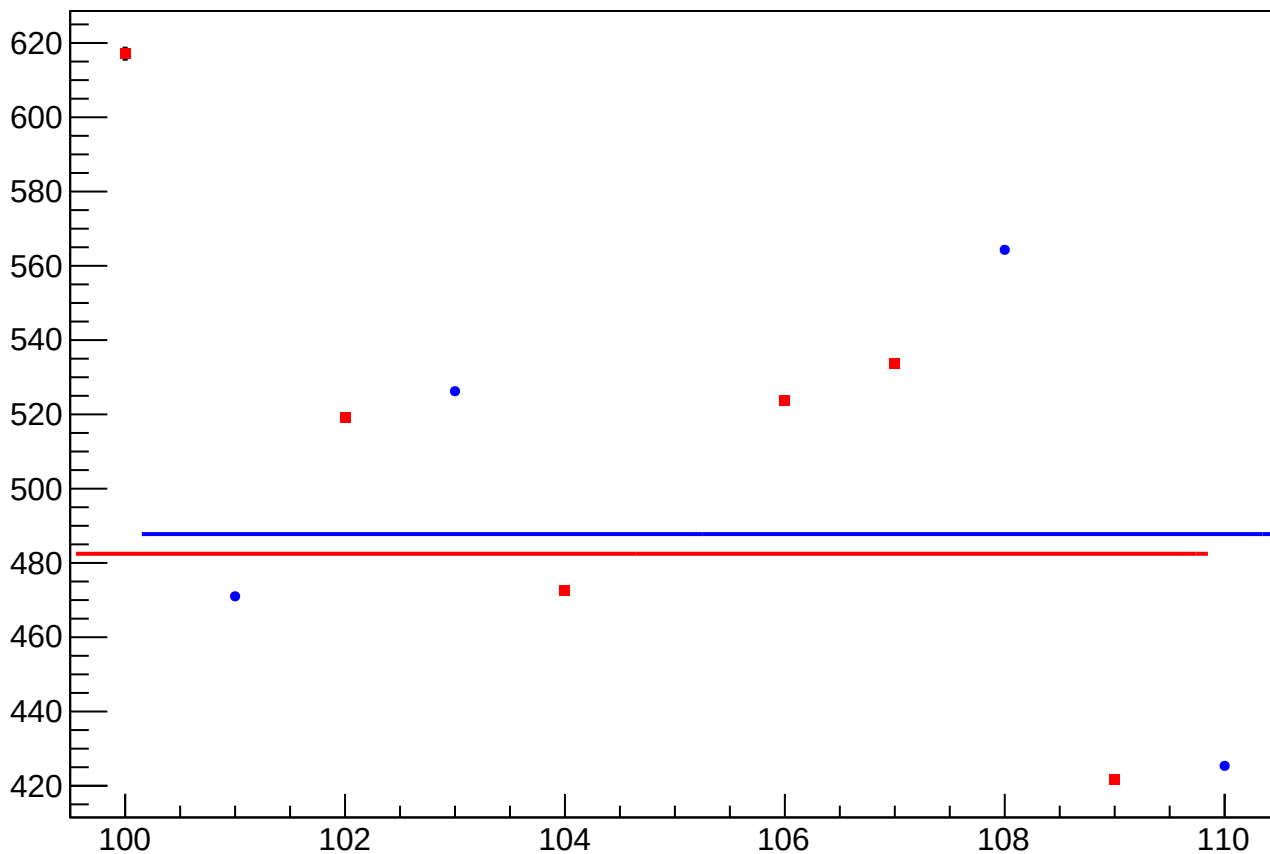
Right: 122.975+/-233.483 χ^2/NDF : 10.6/9

In: 16.424+/-344.231 χ^2/NDF : 6.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.975+/-233.483 χ^2/NDF : 10.6/9

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 487.772 $\pm$ 0.243 χ^2 /NDF: 38702.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 482.471 $\pm$ 0.225 χ^2 /NDF: 44374.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

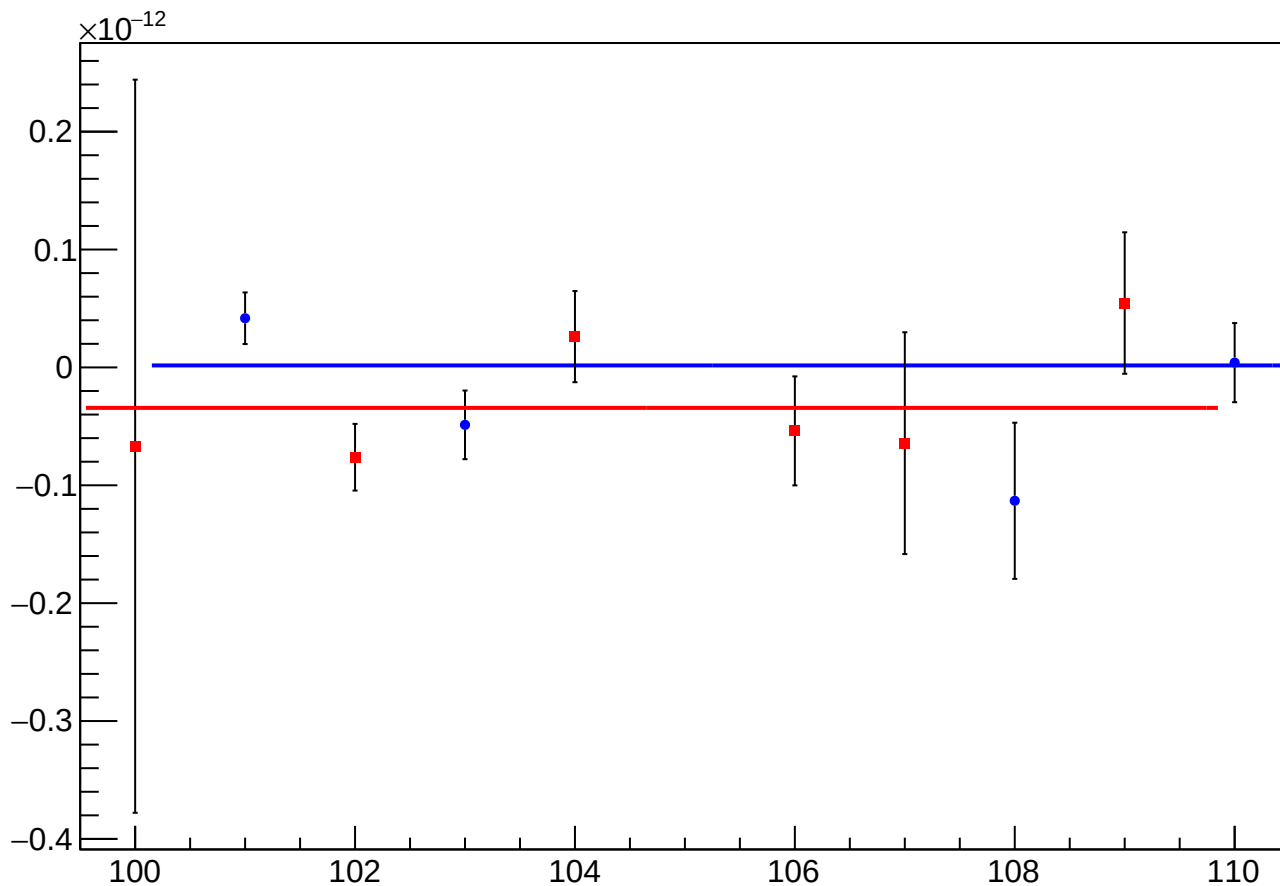
Right: 484.910 $\pm$ 0.165 χ^2 /NDF: 83332.1/9

In: 487.772 $\pm$ 0.243 χ^2 /NDF: 38702.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 484.910 $\pm$ 0.165 χ^2 /NDF: 83332.1/9

asym_sam_1357_2468_dd_reg_vs_slug_Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

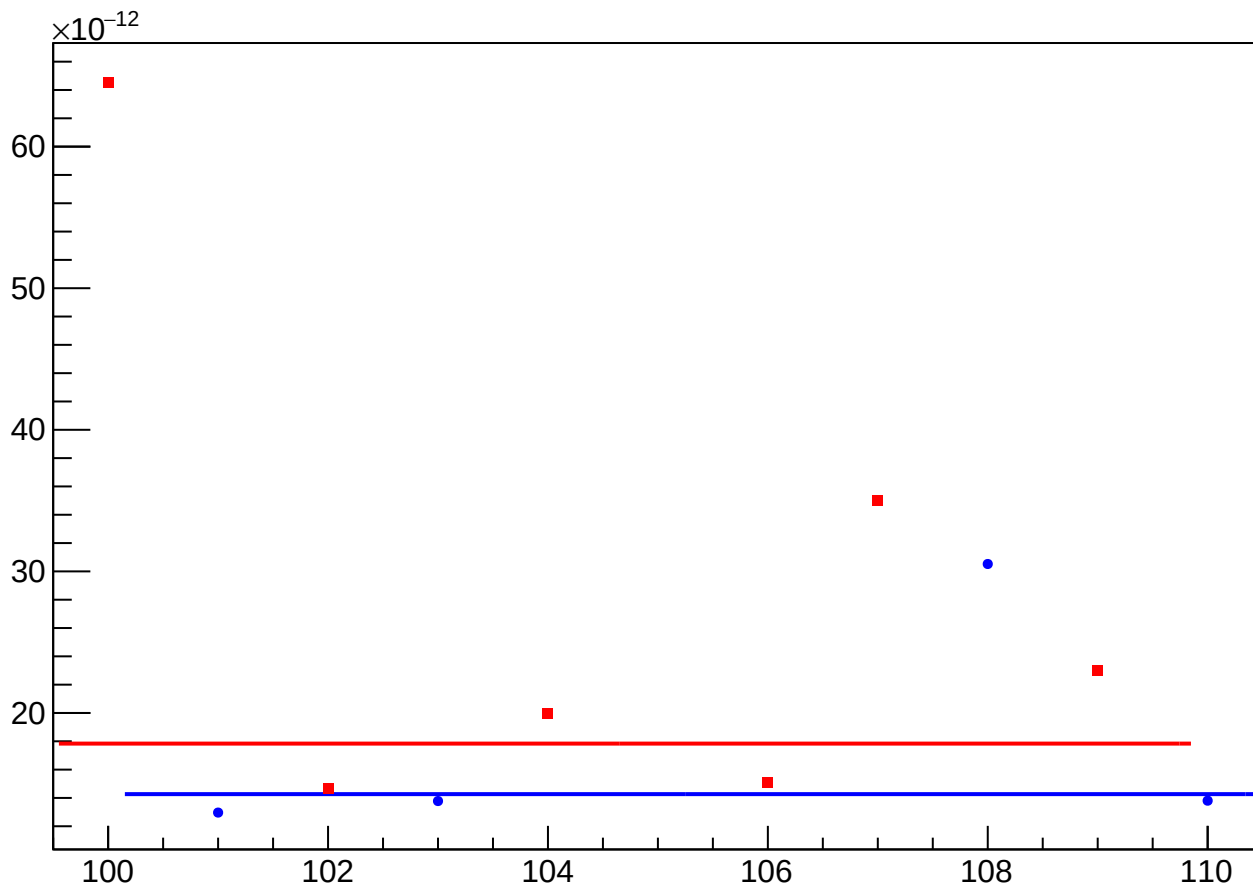
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.7/9

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.7/9

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 128423.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 164507.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

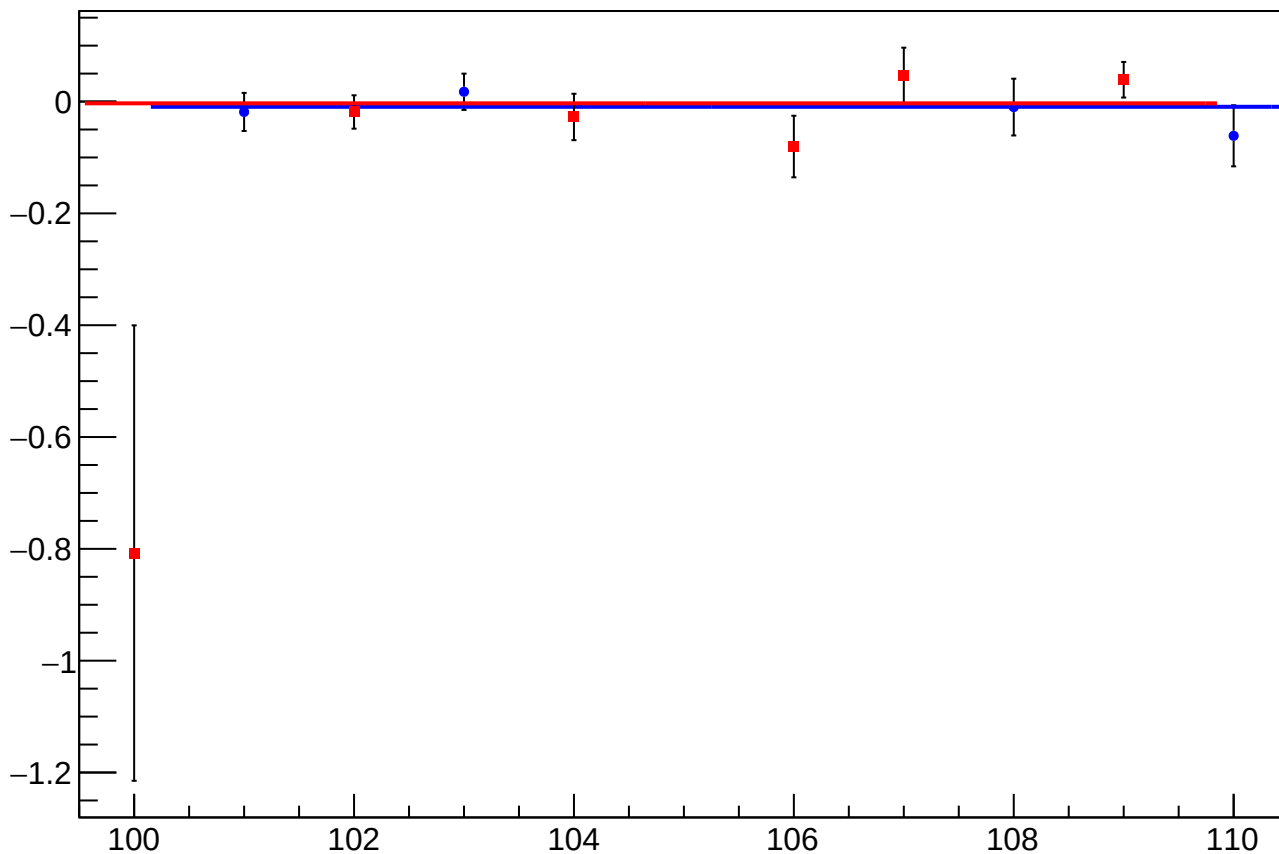
Right: 0.000+/-0.000 χ^2/NDF : 336315.9/9

In: 0.000+/-0.000 χ^2/NDF : 128423.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 336315.9/9

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 $\pm$ 0.020 χ^2 /NDF: 1.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.017 χ^2 /NDF: 9.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

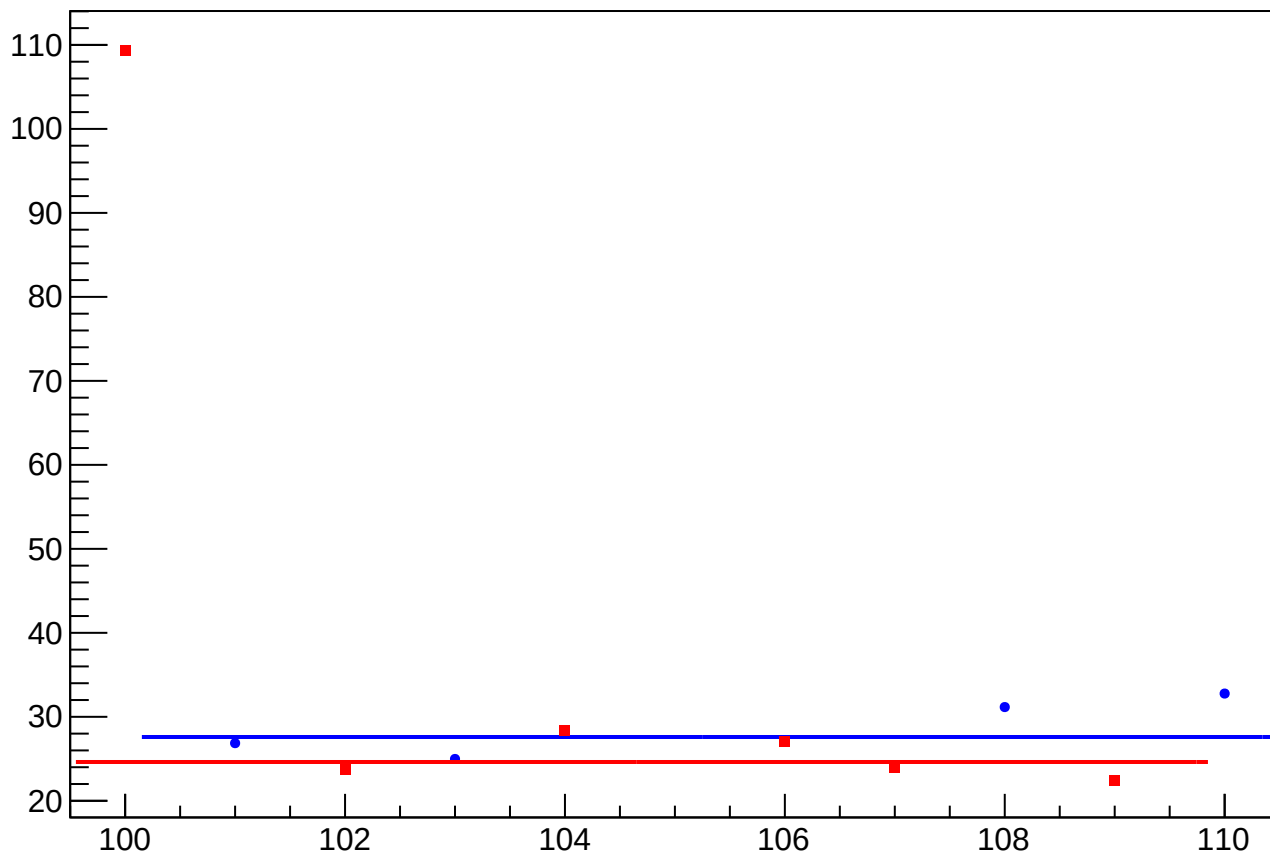
Right: -0.006 $\pm$ 0.013 χ^2 /NDF: 11.0/9

In: -0.009 $\pm$ 0.020 χ^2 /NDF:1.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.013 χ^2 /NDF: 11.0/9

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.598+/-0.014 χ^2/NDF : 41699.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.622+/-0.012 χ^2/NDF : 118999.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

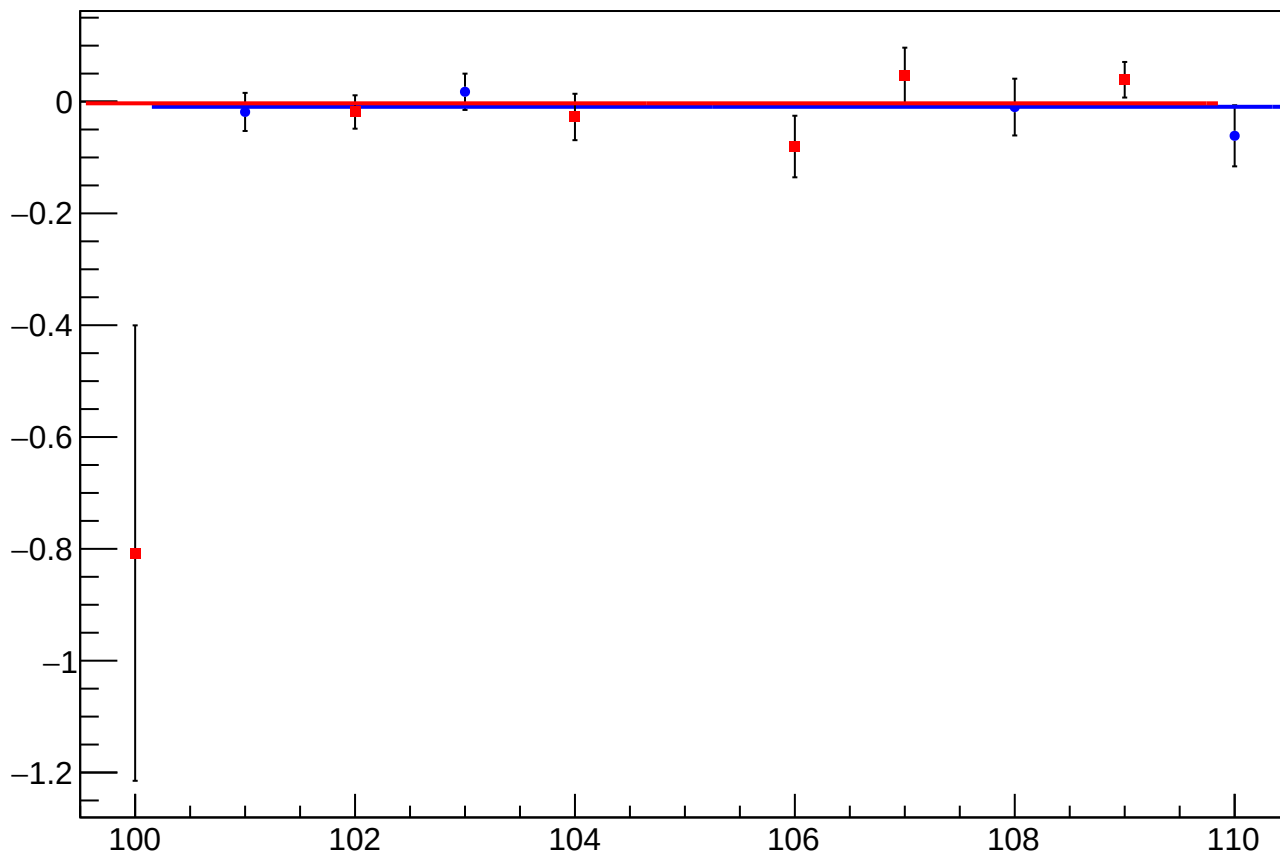
Right: 25.886+/-0.009 χ^2/NDF : 186519.4/9

In: 27.598+/-0.014 χ^2/NDF : 41699.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.886+/-0.009 χ^2/NDF : 186519.4/9

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.020 χ^2/NDF : 1.7/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 ± 0.017 χ^2/NDF : 9.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

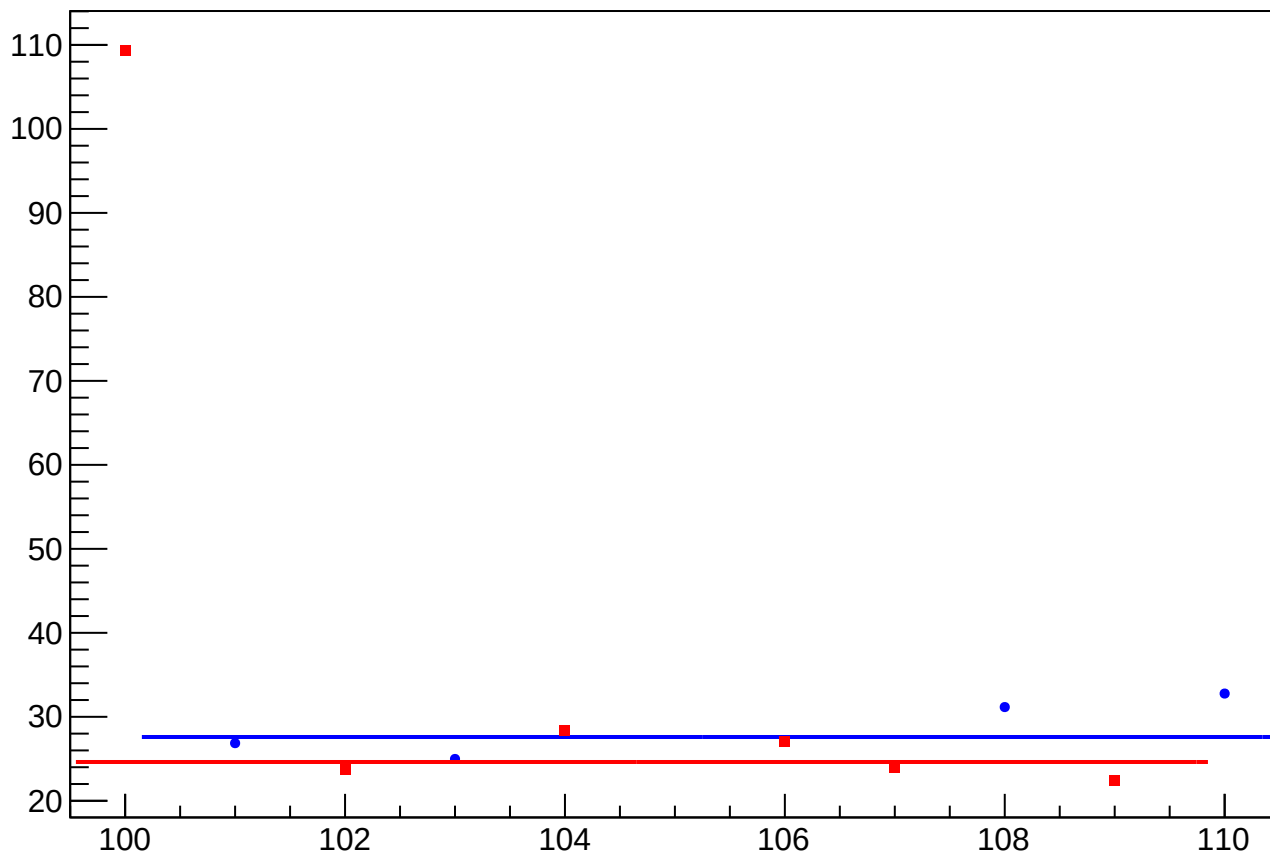
Right: -0.006 ± 0.013 χ^2/NDF : 11.0/9

In: -0.009 ± 0.020 χ^2/NDF : 1.7/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.013 χ^2/NDF : 11.0/9

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.598+/-0.014 χ^2/NDF : 41699.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.622+/-0.012 χ^2/NDF : 118999.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

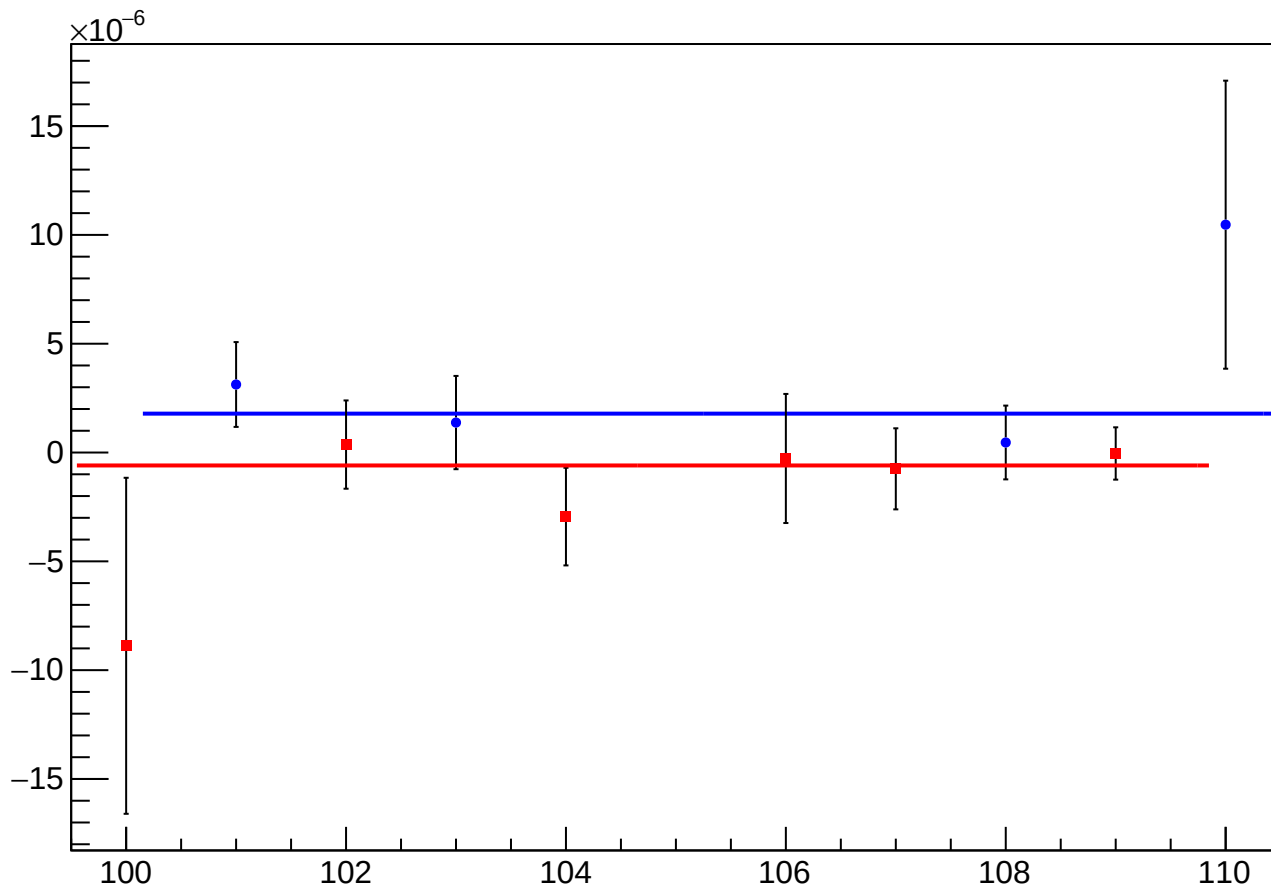
Right: 25.886+/-0.009 χ^2/NDF : 186519.4/9

In: 27.598+/-0.014 χ^2/NDF : 41699.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.886+/-0.009 χ^2/NDF : 186519.4/9

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

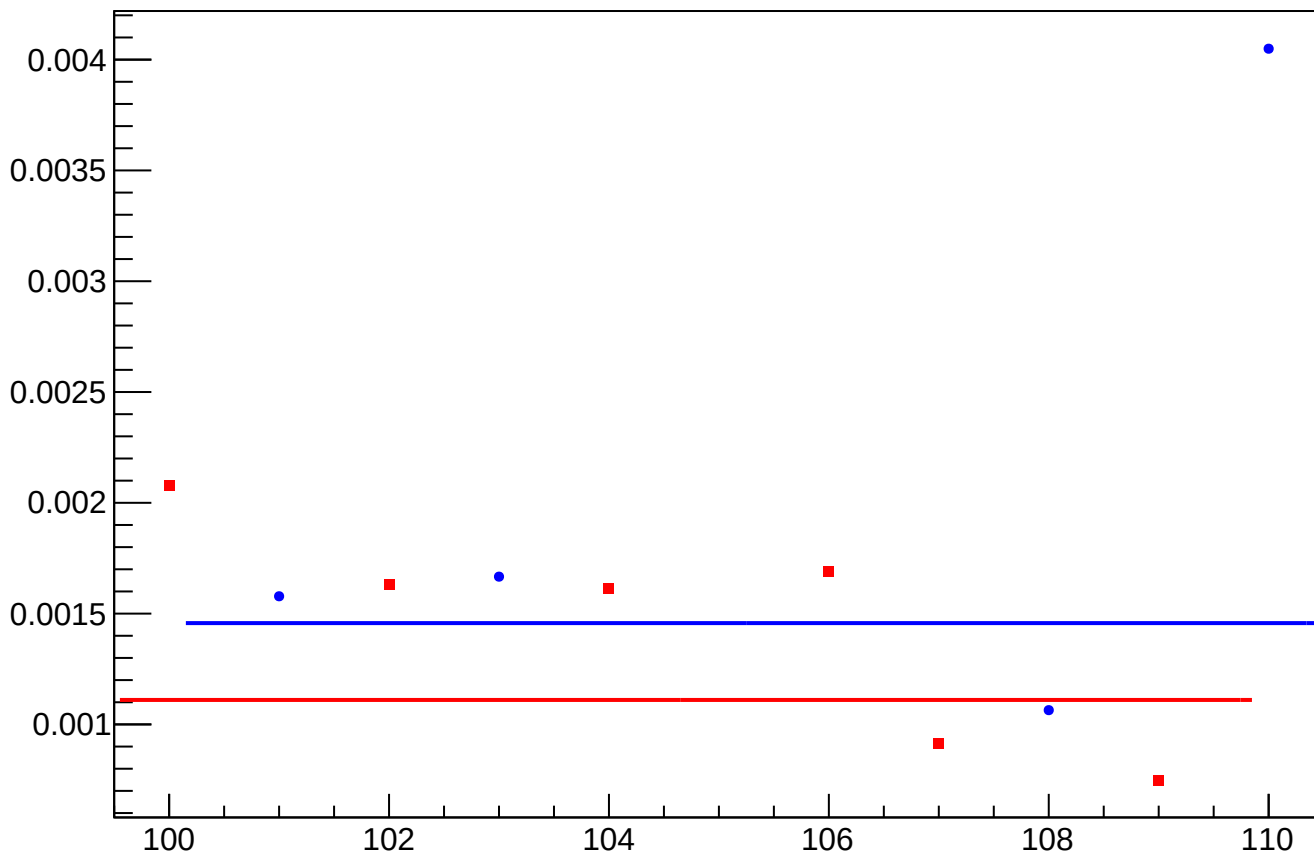
Right: 0.000+/-0.000 χ^2/NDF : 8.7/9

In: 0.000+/-0.000 χ^2/NDF : 2.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.7/9

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 441112.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 545858.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

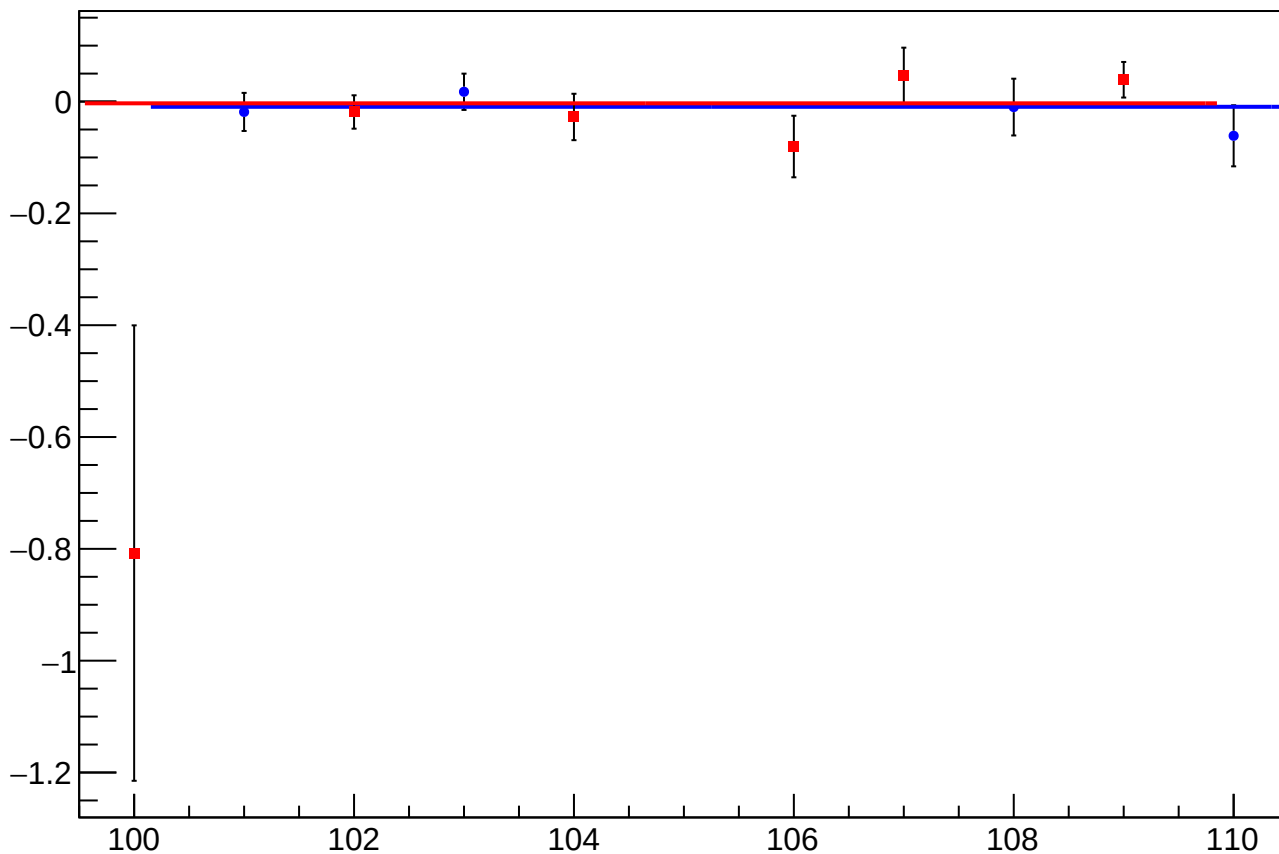
Right: 0.001+/-0.000 χ^2/NDF : 1119268.2/9

In: 0.001+/-0.000 χ^2/NDF :441112.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1119268.2/9

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 $\pm$ 0.020 χ^2 /NDF: 1.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.017 χ^2 /NDF: 9.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

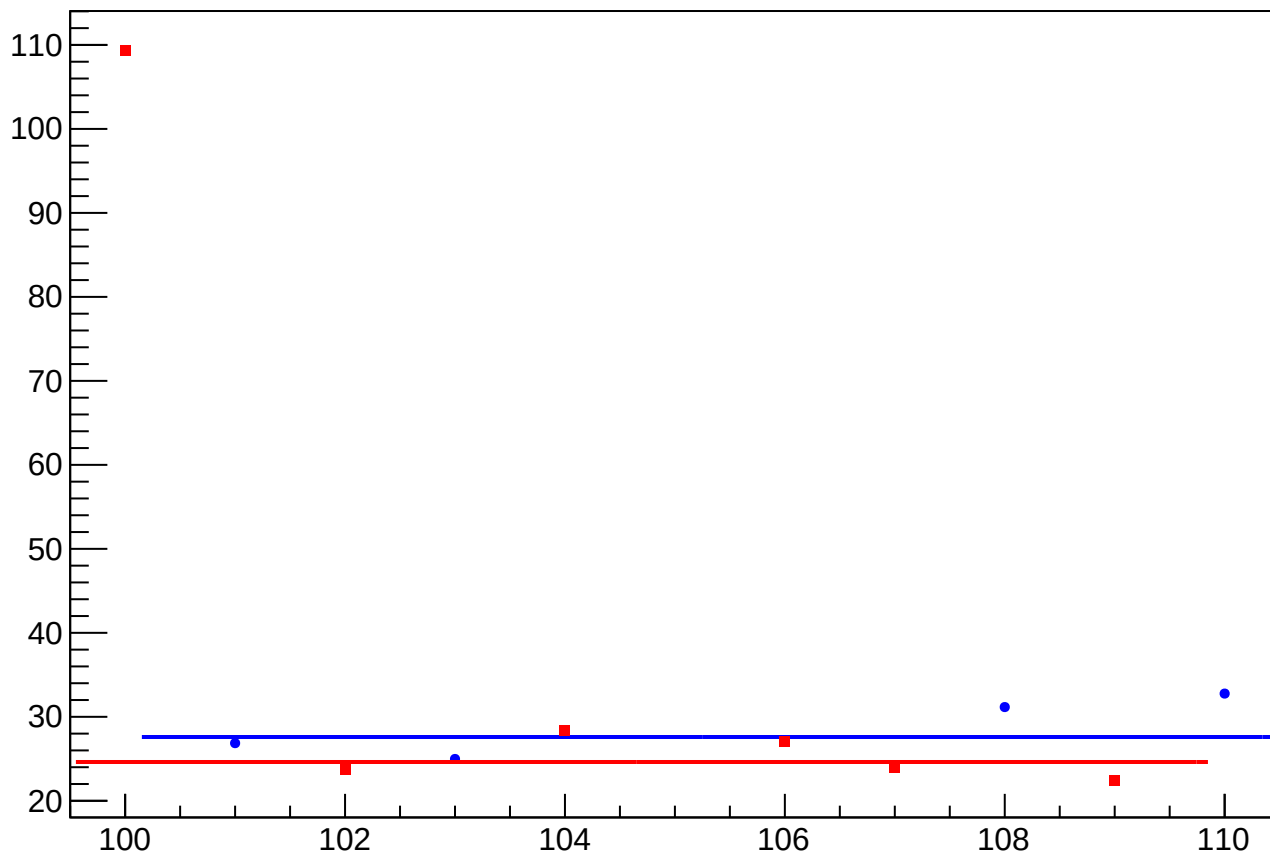
Right: -0.006 $\pm$ 0.013 χ^2 /NDF: 11.0/9

In: -0.009 $\pm$ 0.020 χ^2 /NDF:1.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.013 χ^2 /NDF: 11.0/9

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.597+/-0.014 χ^2/NDF : 41687.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.621+/-0.012 χ^2/NDF : 118995.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

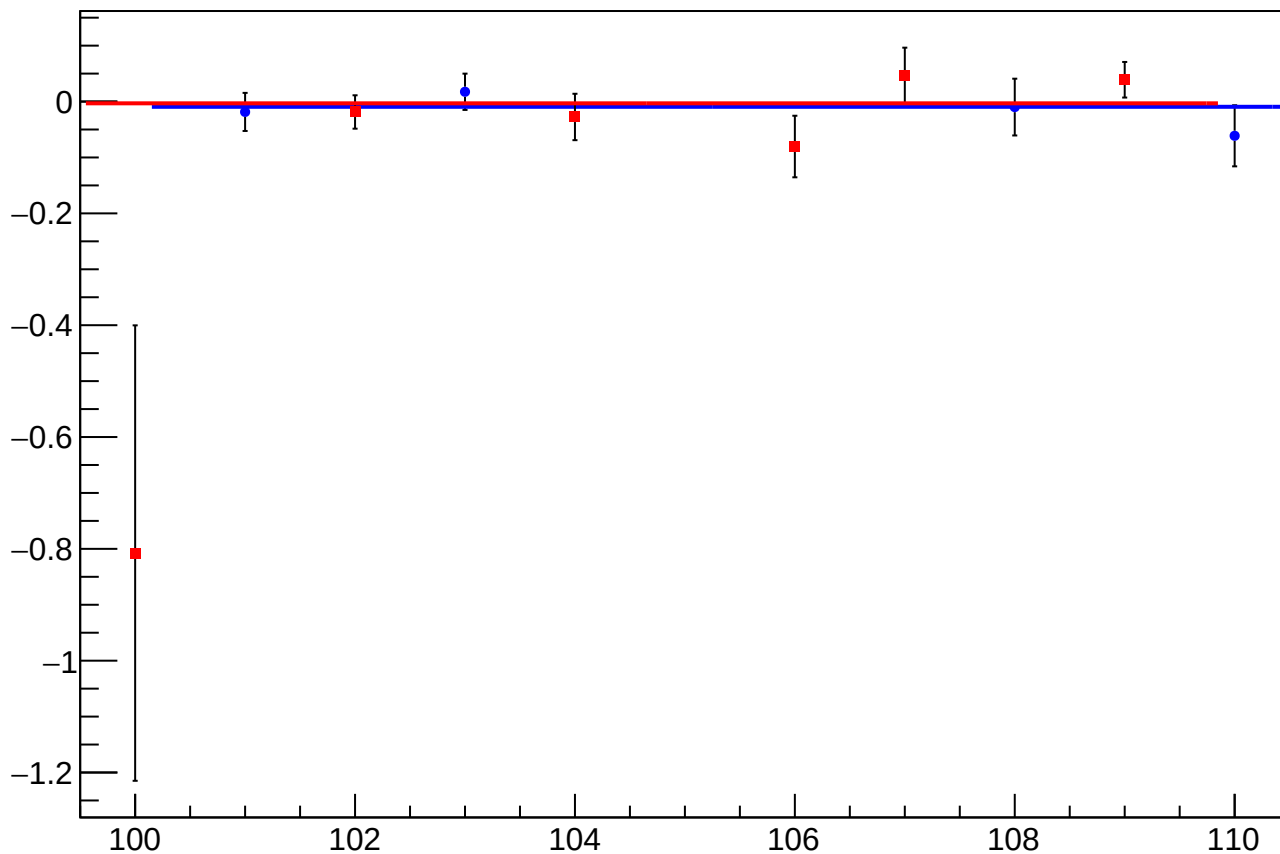
Right: 25.886+/-0.009 χ^2/NDF : 186506.3/9

In: 27.597+/-0.014 χ^2/NDF : 41687.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.886+/-0.009 χ^2/NDF : 186506.3/9

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.020 χ^2/NDF : 1.7/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 ± 0.017 χ^2/NDF : 9.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

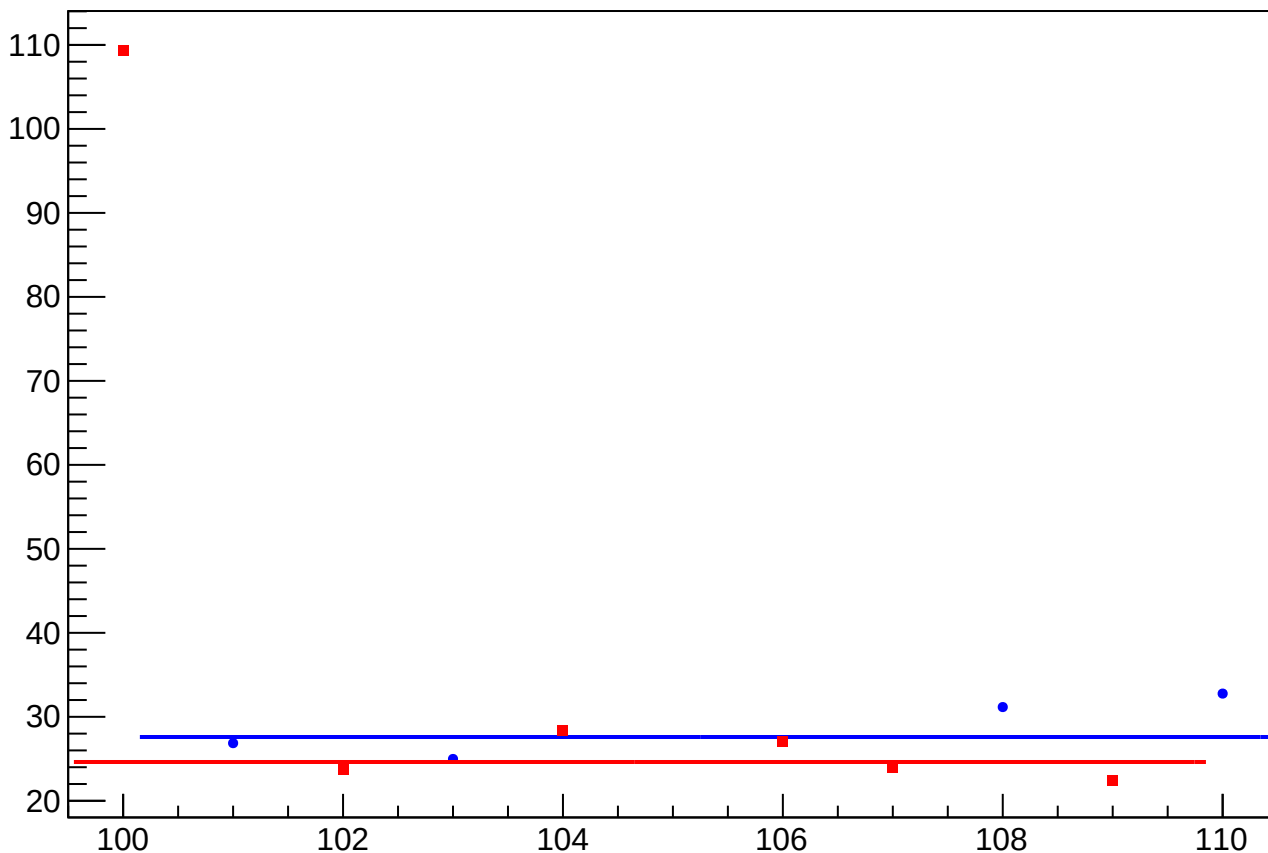
Right: -0.006 ± 0.013 χ^2/NDF : 11.0/9

In: -0.009 ± 0.020 χ^2/NDF : 1.7/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.013 χ^2/NDF : 11.0/9

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.597 $\pm$ 0.014 χ^2 /NDF: 41687.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.621 $\pm$ 0.012 χ^2 /NDF: 118995.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

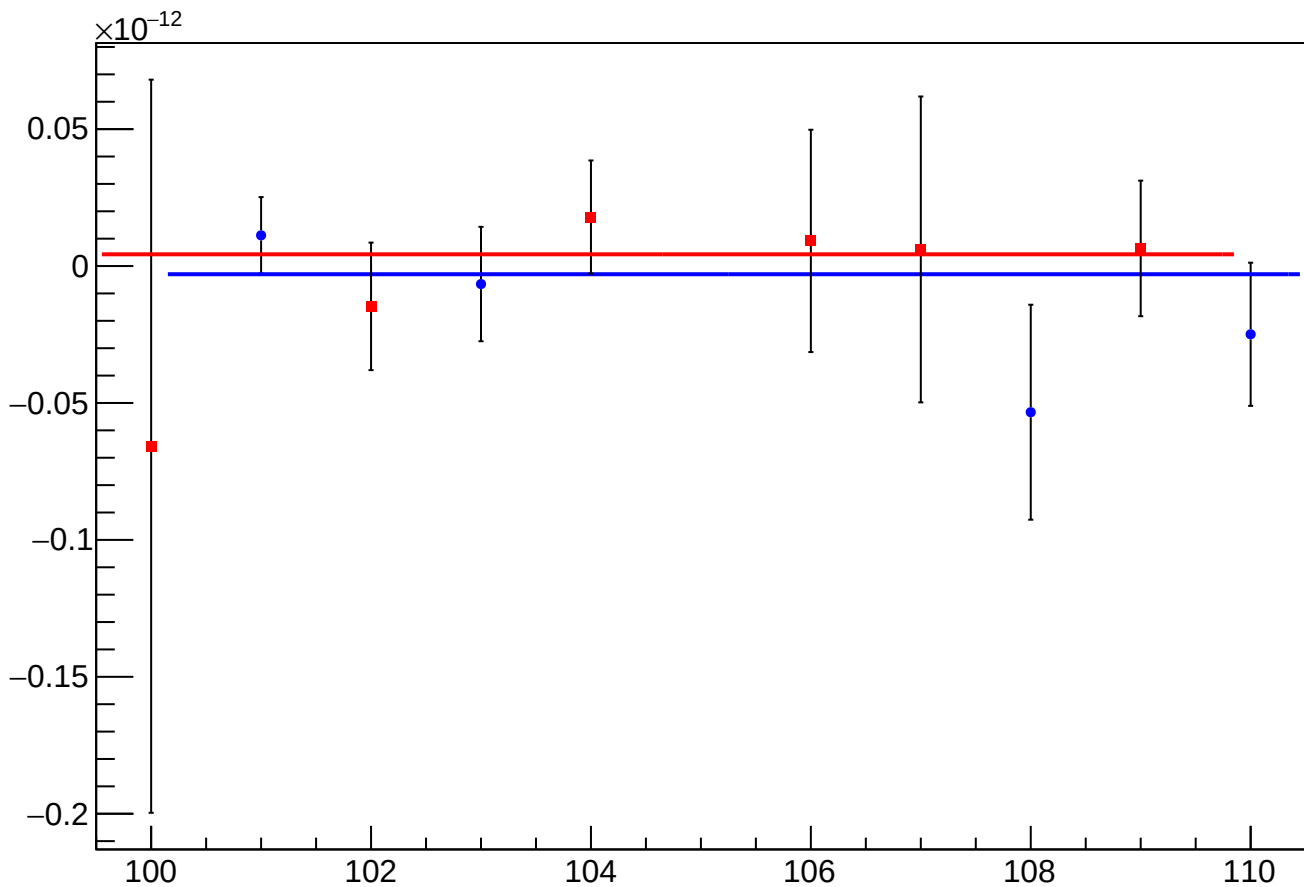
Right: 25.886 $\pm$ 0.009 χ^2 /NDF: 186506.3/9

In: 27.597 $\pm$ 0.014 χ^2 /NDF:41687.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.886 $\pm$ 0.009 χ^2 /NDF: 186506.3/9

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

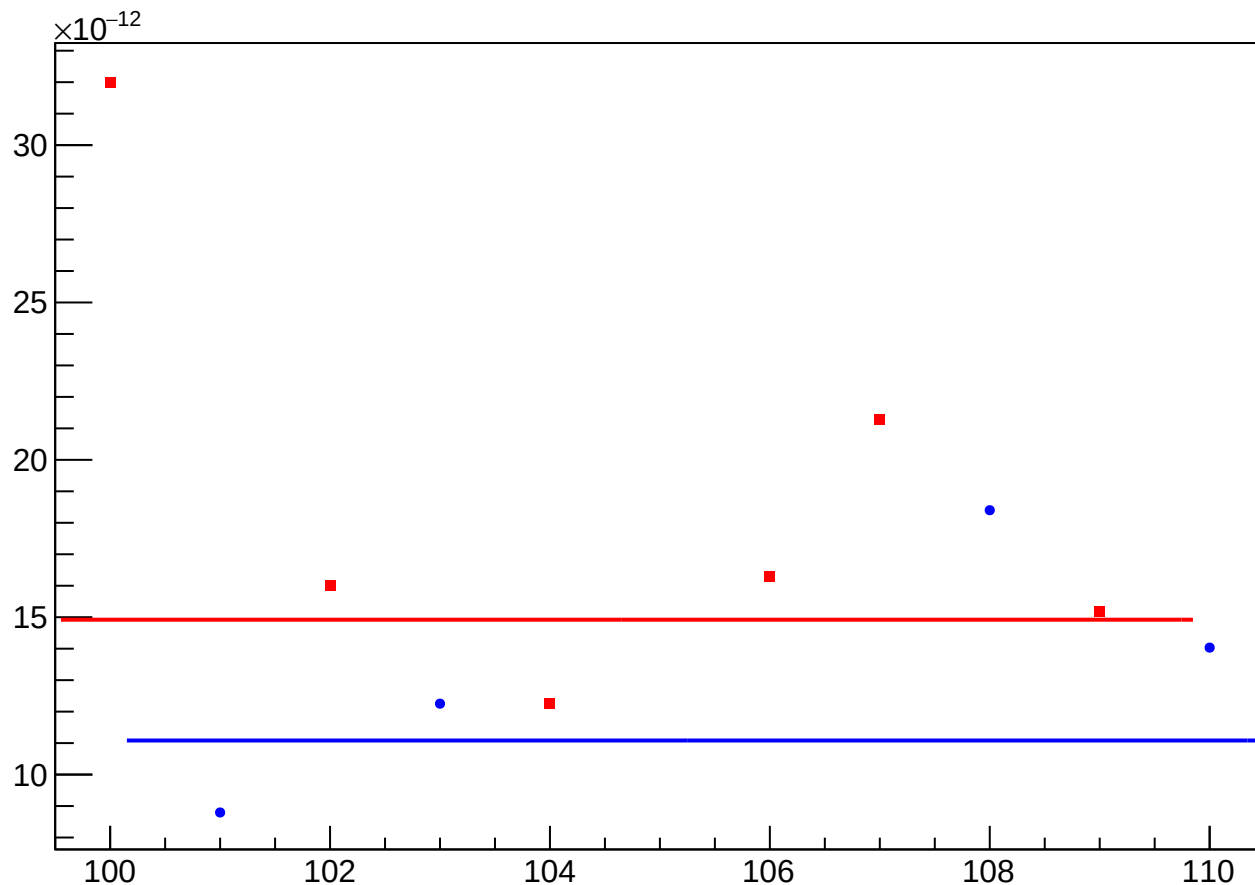
Right: 0.000+/-0.000 χ^2/NDF : 5.0/9

In: -0.000+/-0.000 χ^2/NDF : 3.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.0/9

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 155074.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 98603.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

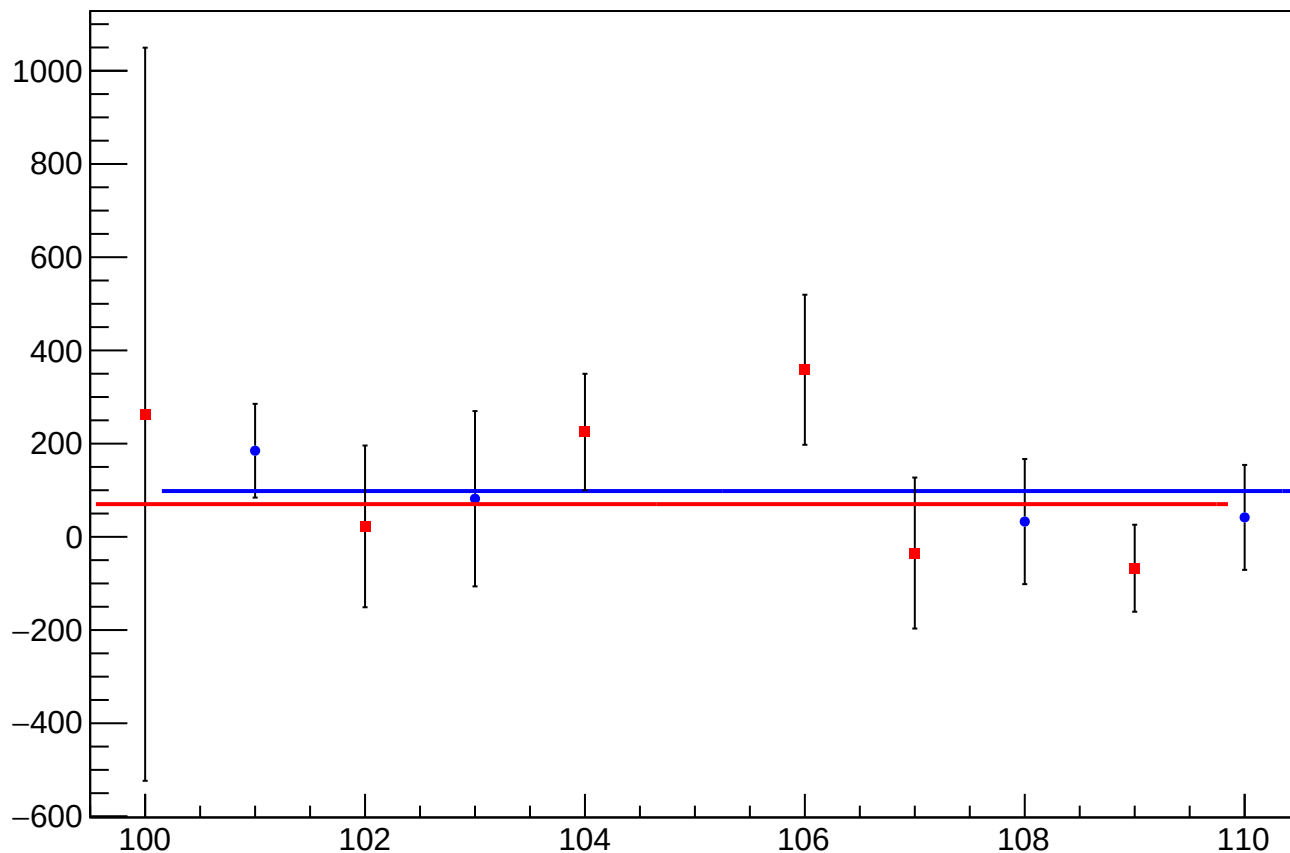
Right: 0.000+/-0.000 χ^2/NDF : 370751.6/9

In: 0.000+/-0.000 χ^2/NDF : 155074.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 370751.6/9

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 98.230+/-61.833 χ^2/NDF : 1.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.162+/-58.677 χ^2/NDF : 7.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

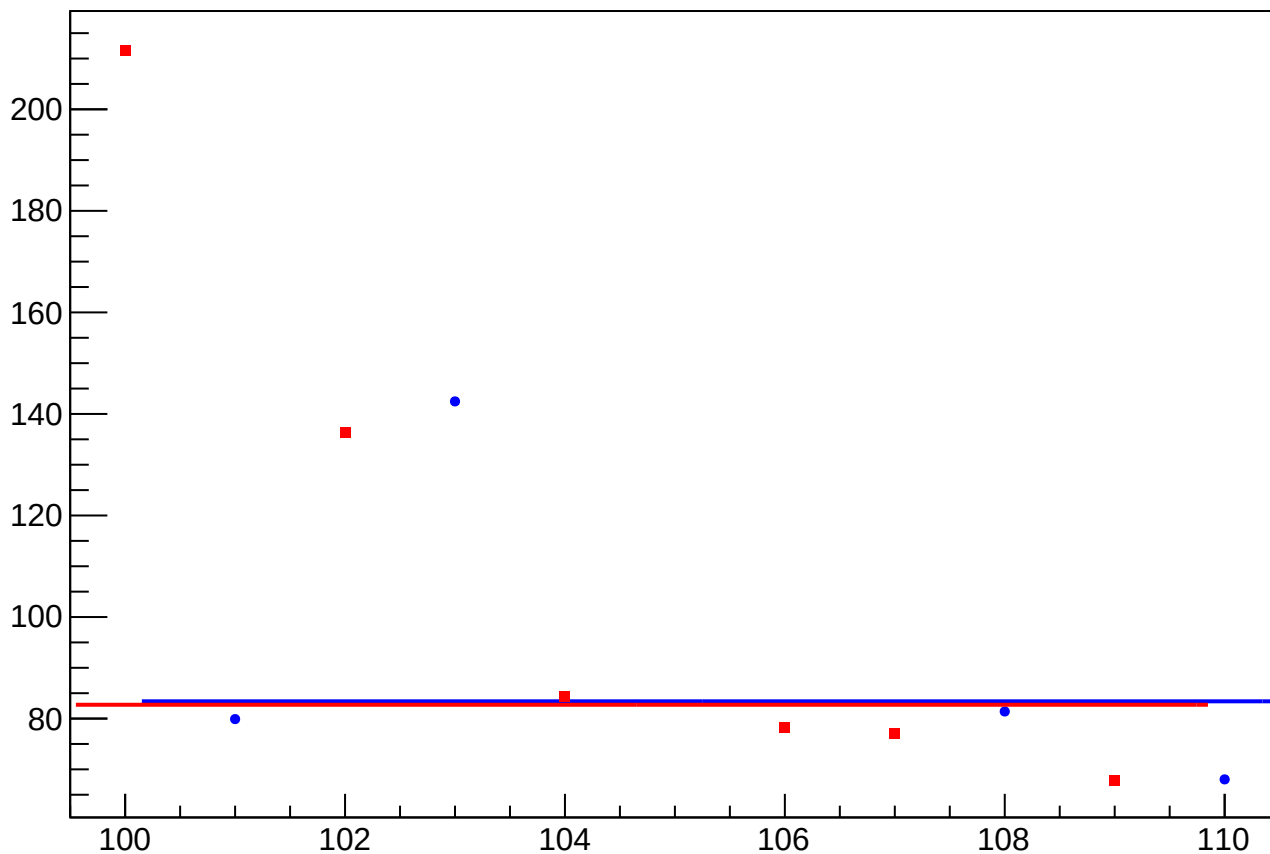
Right: 83.461+/-42.563 χ^2/NDF : 8.8/9

In: 98.230+/-61.833 χ^2/NDF : 1.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.461+/-42.563 χ^2/NDF : 8.8/9

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 83.401+/-0.044 χ^2/NDF : 237549.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.723+/-0.041 χ^2/NDF : 300644.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

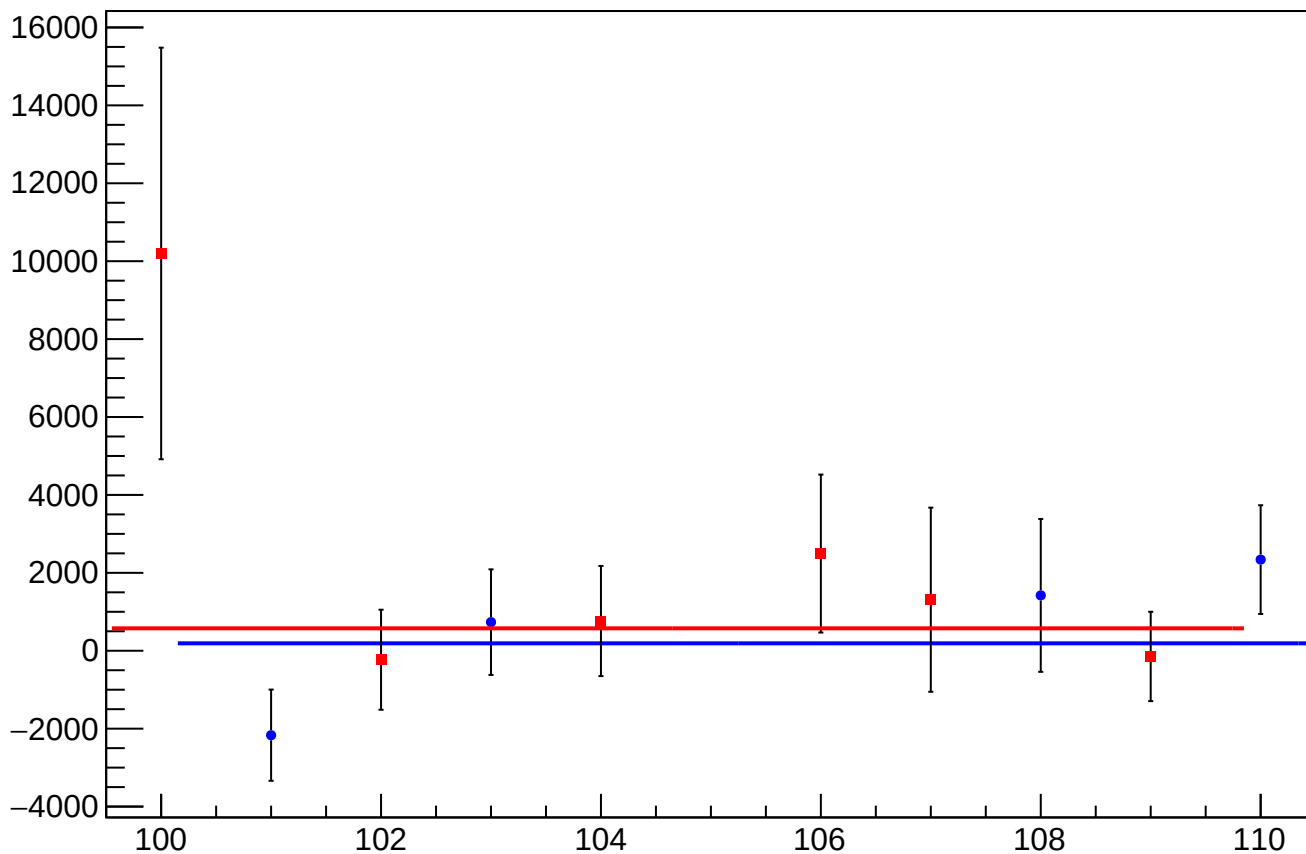
Right: 83.044+/-0.030 χ^2/NDF : 538320.4/9

In: 83.401+/-0.044 χ^2/NDF : 237549.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.044+/-0.030 χ^2/NDF : 538320.4/9

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 190.414+/-698.839 χ^2/NDF : 7.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 575.172+/-655.759 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

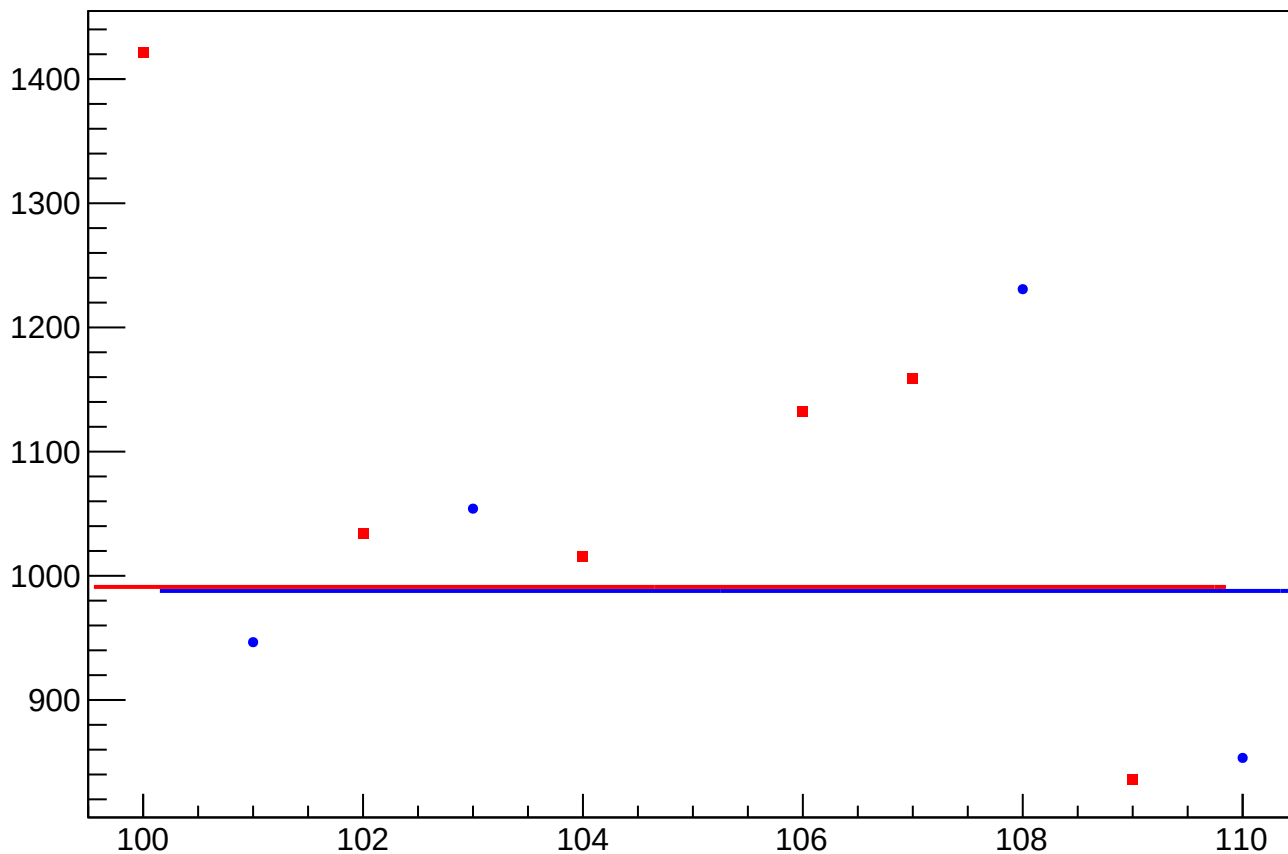
Right: 395.017+/-478.197 χ^2/NDF : 12.3/9

In: 190.414+/-698.839 χ^2/NDF : 7.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.017+/-478.197 χ^2/NDF : 12.3/9

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 987.824+/-0.494 χ^2/NDF : 56516.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 991.059+/-0.464 χ^2/NDF : 72612.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

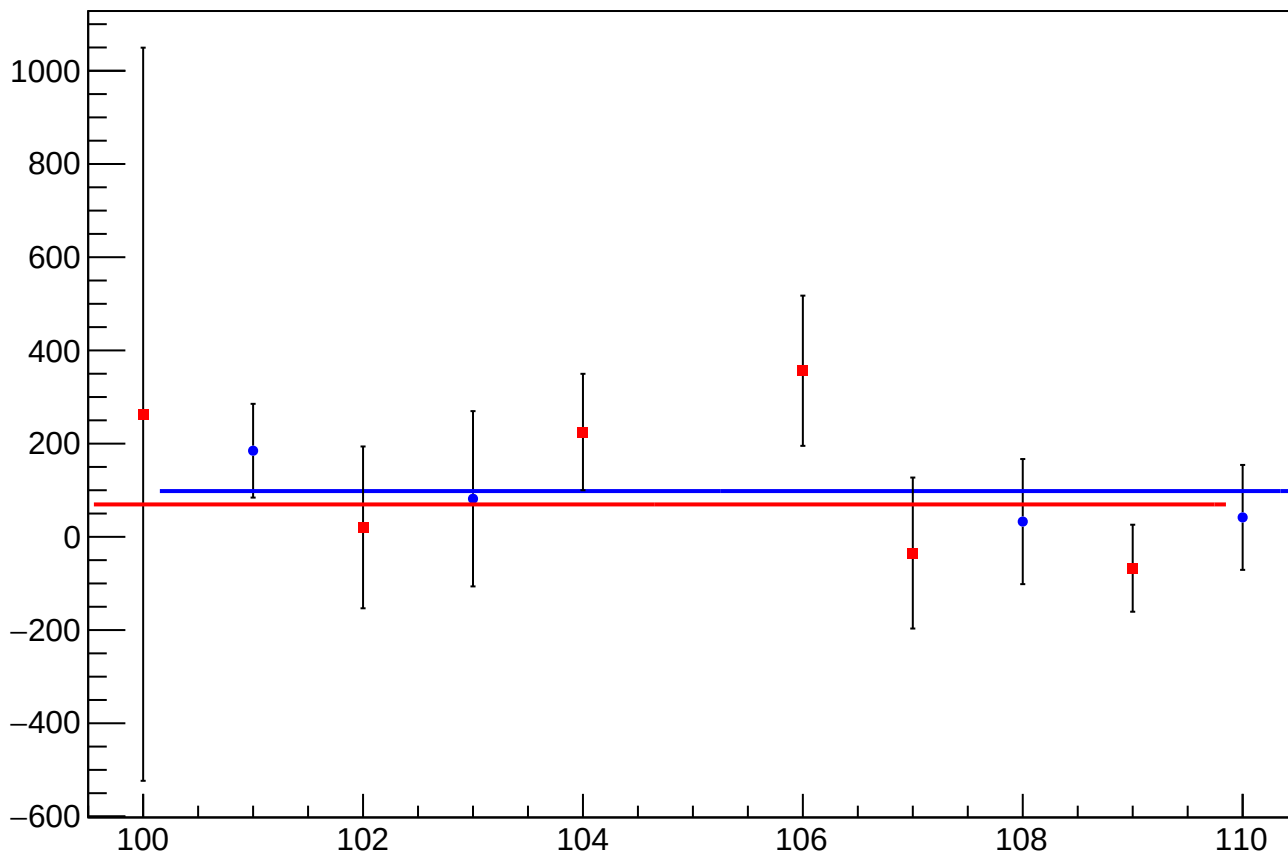
Right: 989.544+/-0.338 χ^2/NDF : 129151.8/9

In: 987.824+/-0.494 χ^2/NDF : 56516.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.544+/-0.338 χ^2/NDF : 129151.8/9

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 98.218+/-61.833 χ^2/NDF : 1.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.563+/-58.689 χ^2/NDF : 7.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

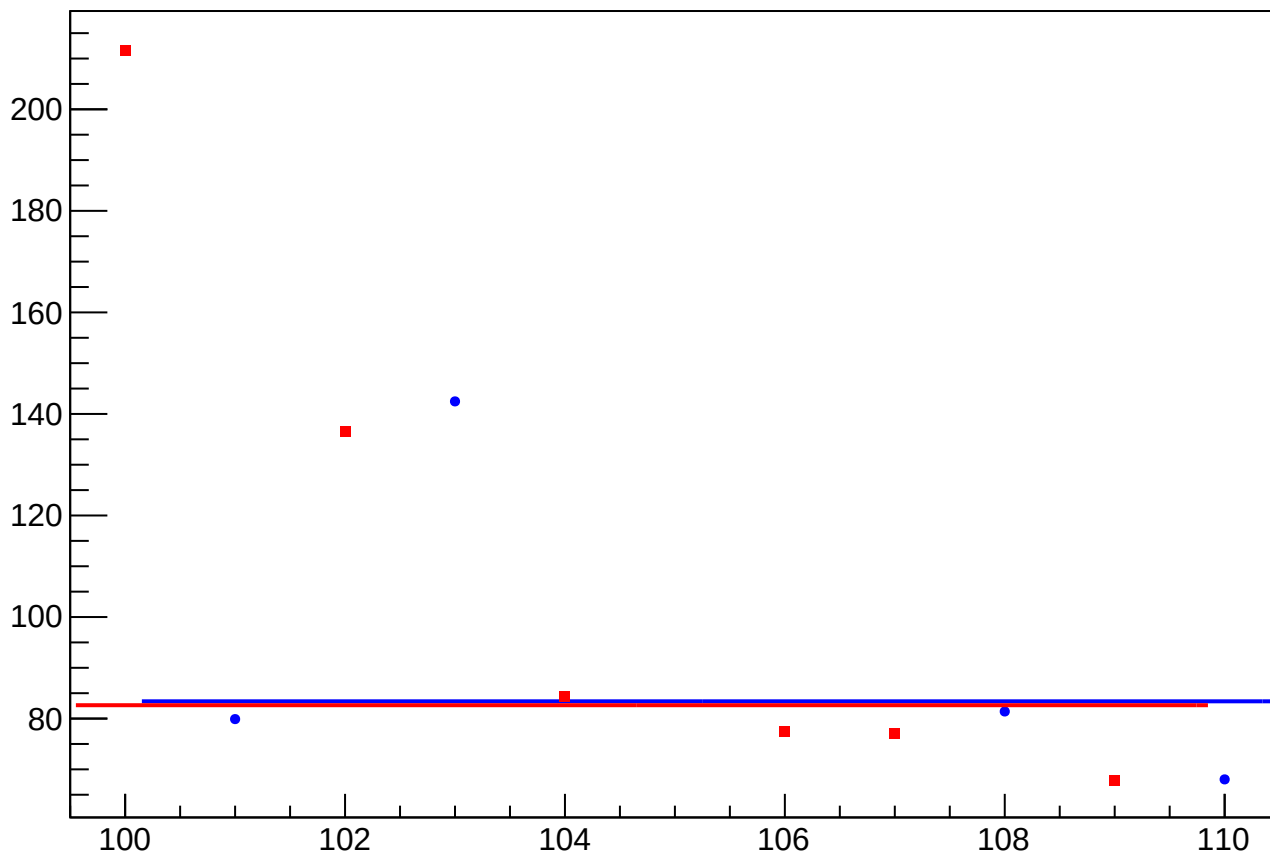
Right: 83.144+/-42.568 χ^2/NDF : 8.8/9

In: 98.218+/-61.833 χ^2/NDF : 1.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.144+/-42.568 χ^2/NDF : 8.8/9

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 83.401+/-0.044 χ^2/NDF : 237552.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.633+/-0.041 χ^2/NDF : 301435.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

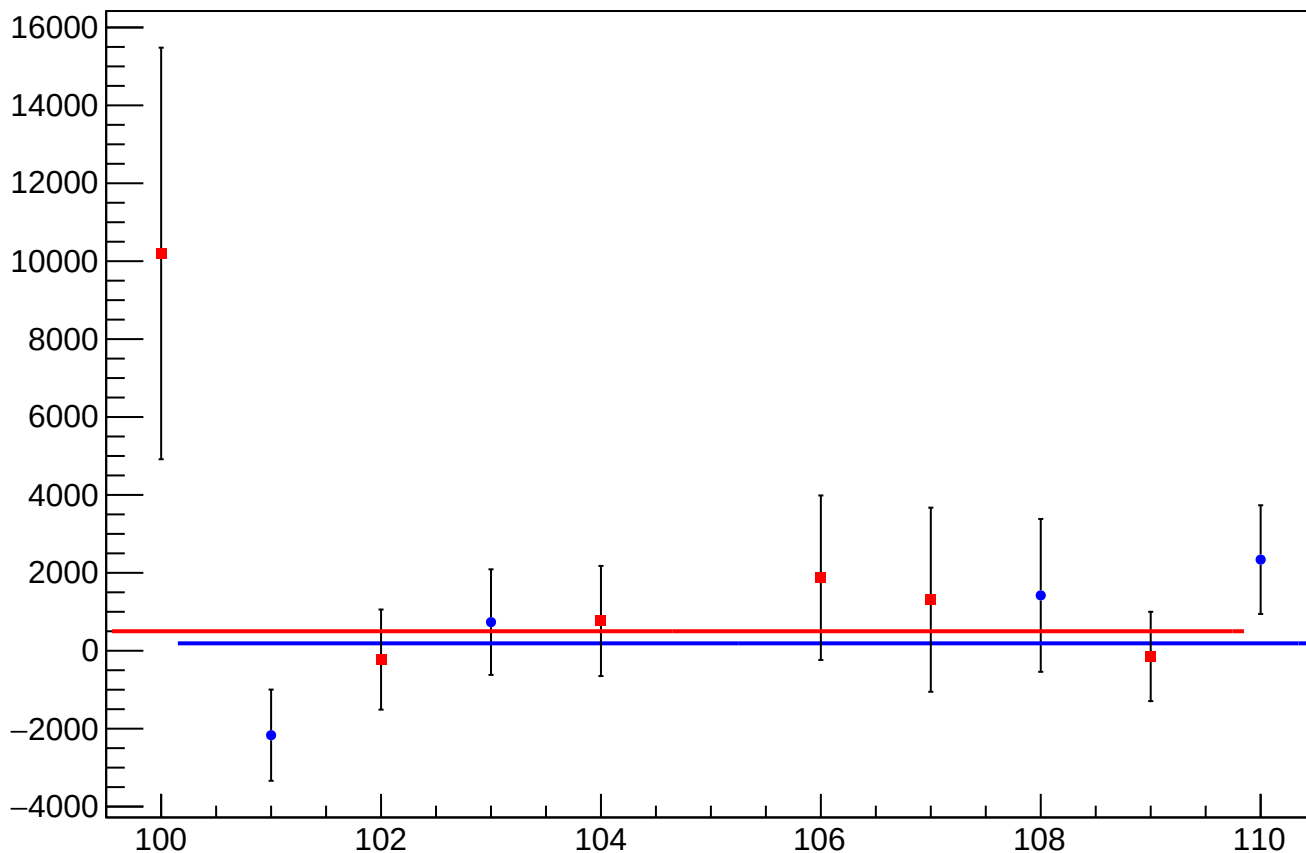
Right: 82.997+/-0.030 χ^2/NDF : 539150.6/9

In: 83.401+/-0.044 χ^2/NDF : 237552.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.997+/-0.030 χ^2/NDF : 539150.6/9

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 190.542 $\pm$ 698.854 χ^2 /NDF: 7.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 500.825 $\pm$ 658.565 χ^2 /NDF: 4.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

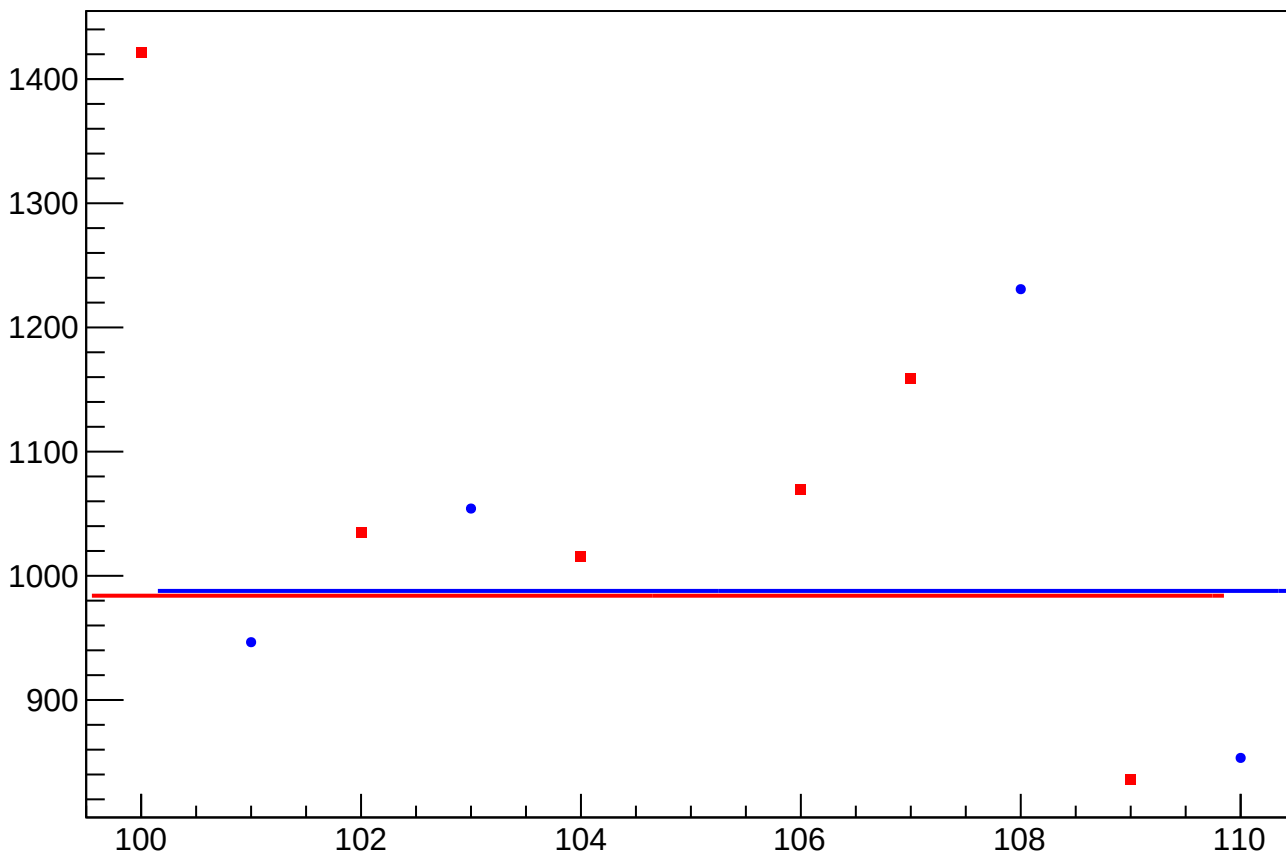
Right: 354.885 $\pm$ 479.286 χ^2 /NDF: 11.7/9

In: 190.542 $\pm$ 698.854 χ^2 /NDF:7.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 354.885 $\pm$ 479.286 χ^2 /NDF: 11.7/9

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 987.843+/-0.494 χ^2/NDF : 56527.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 983.988+/-0.466 χ^2/NDF : 65541.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

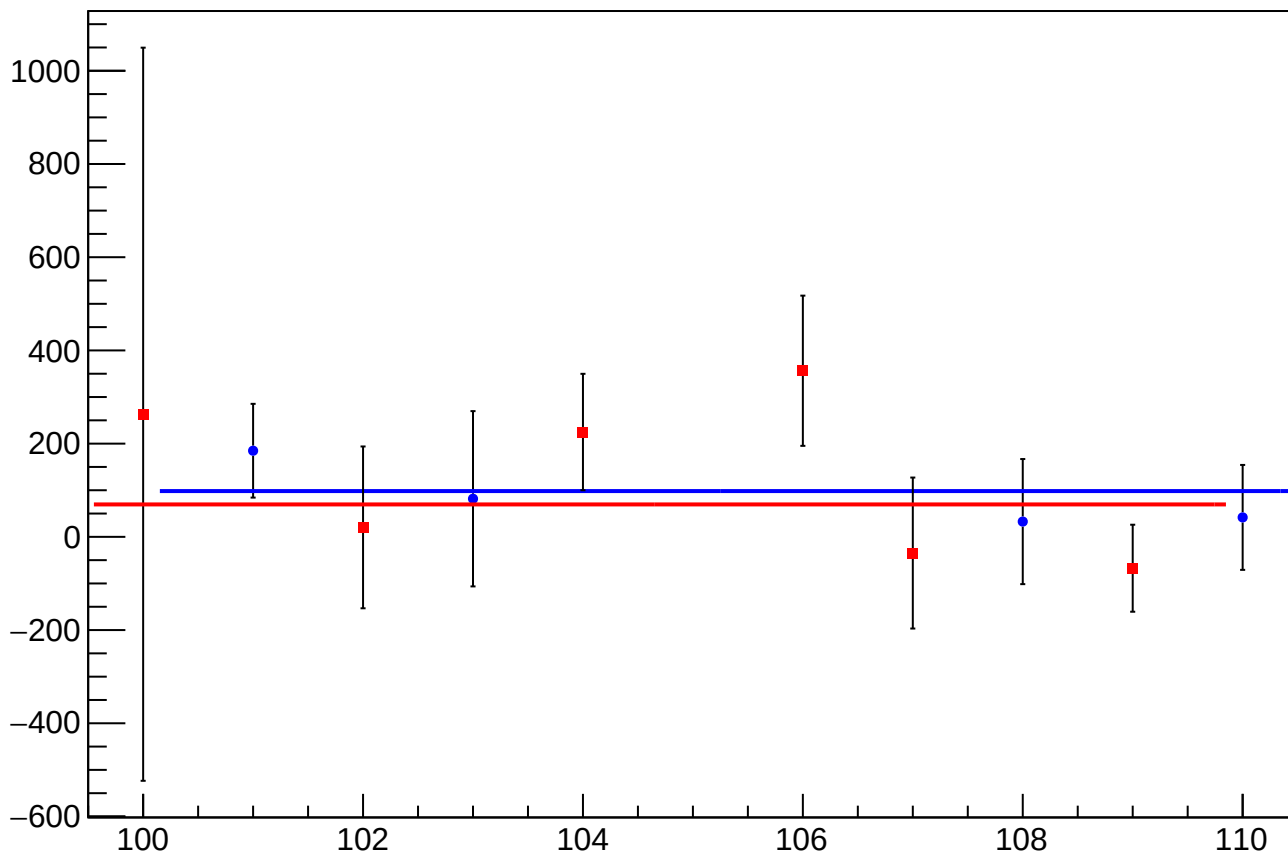
Right: 985.801+/-0.339 χ^2/NDF : 122100.8/9

In: 987.843+/-0.494 χ^2/NDF : 56527.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 985.801+/-0.339 χ^2/NDF : 122100.8/9

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 98.218+/-61.833 χ^2/NDF : 1.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.563+/-58.689 χ^2/NDF : 7.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

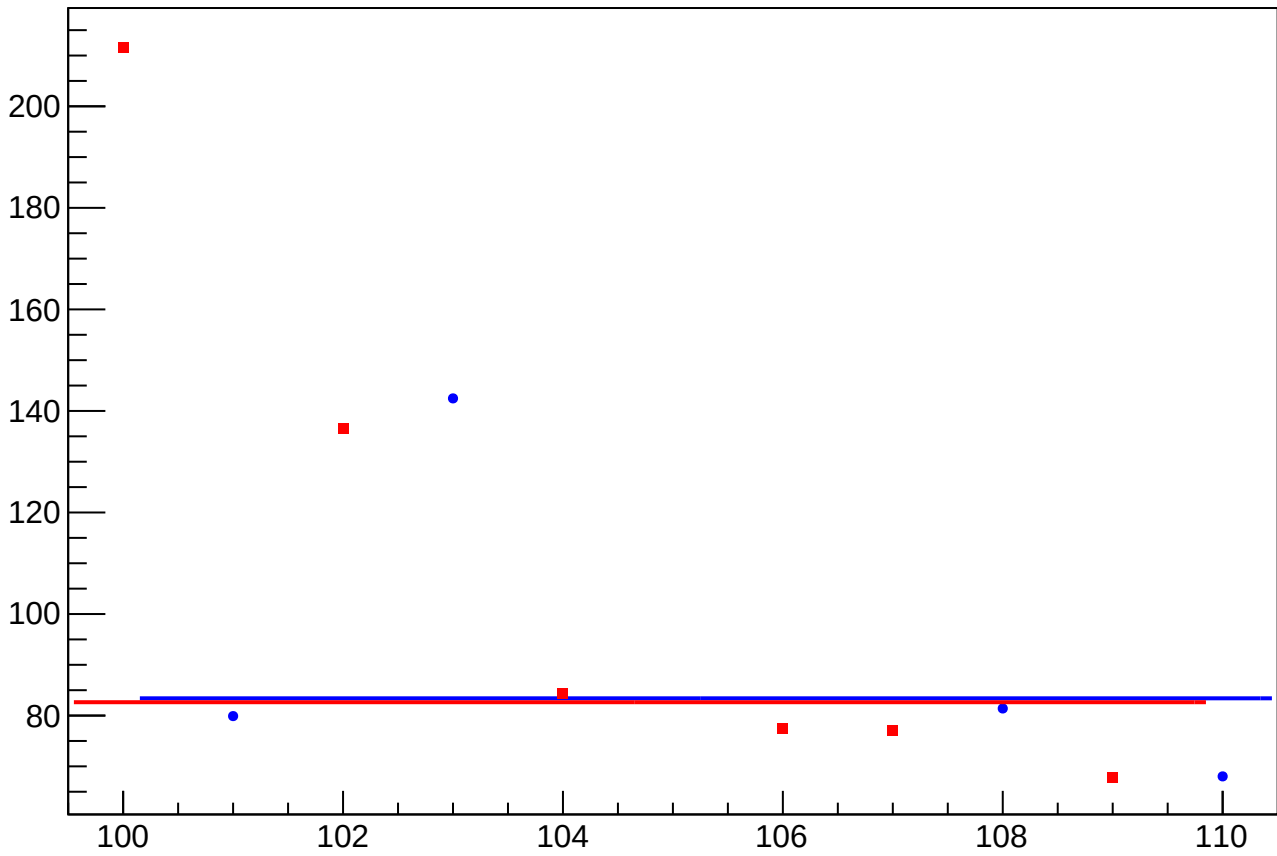
Right: 83.144+/-42.568 χ^2/NDF : 8.8/9

In: 98.218+/-61.833 χ^2/NDF : 1.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.144+/-42.568 χ^2/NDF : 8.8/9

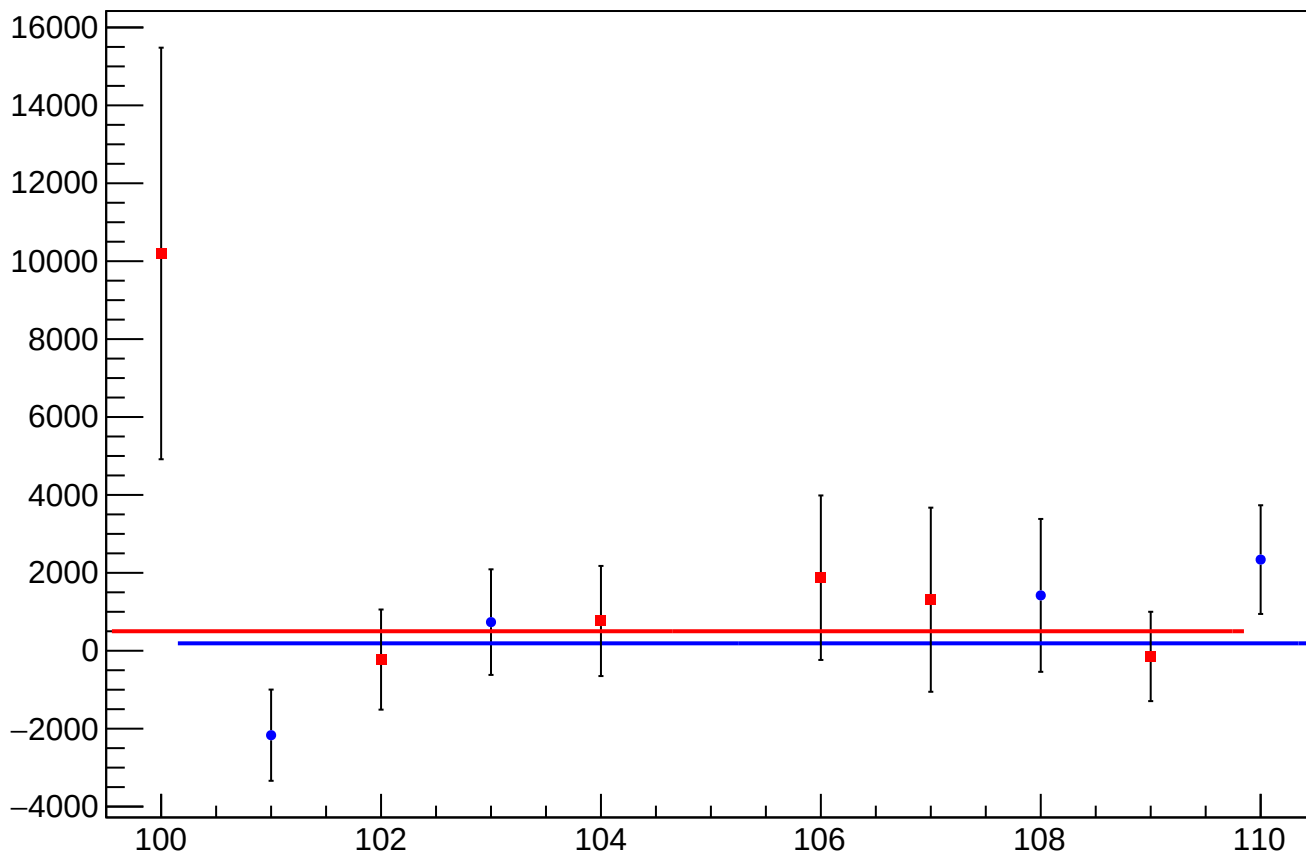
eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 83.401+/-0.044 χ^2/NDF : 237552.4/3
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 82.633+/-0.041 χ^2/NDF : 301435.9/5
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 82.997+/-0.030 χ^2/NDF : 539150.6/9
In: 83.401+/-0.044 χ^2/NDF : 237552.4/3
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 82.997+/-0.030 χ^2/NDF : 539150.6/9

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 190.542+/-698.854 χ^2/NDF : 7.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 500.825+/-658.565 χ^2/NDF : 4.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

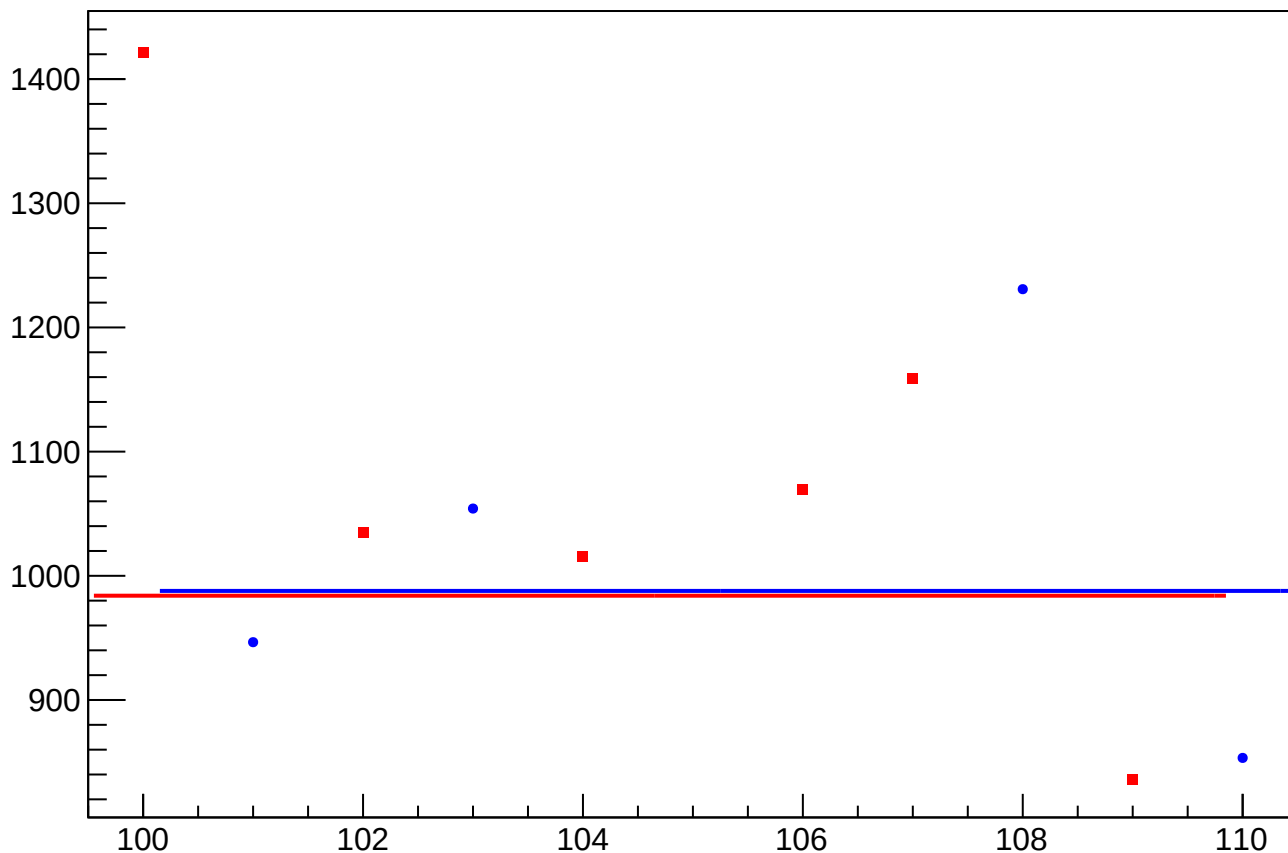
Right: 354.885+/-479.286 χ^2/NDF : 11.7/9

In: 190.542+/-698.854 χ^2/NDF : 7.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 354.885+/-479.286 χ^2/NDF : 11.7/9

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 987.843+/-0.494 χ^2/NDF : 56527.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 983.988+/-0.466 χ^2/NDF : 65541.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

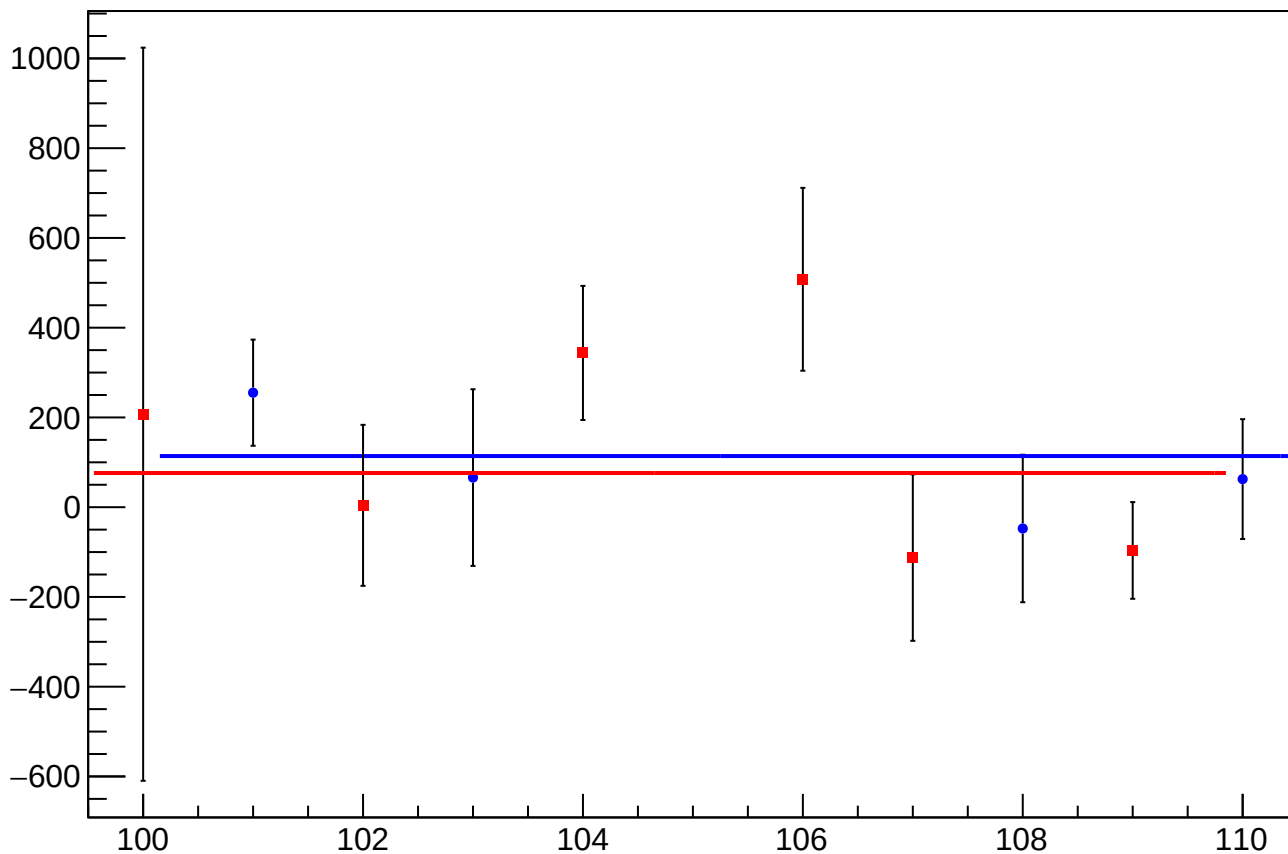
Right: 985.801+/-0.339 χ^2/NDF : 122100.8/9

In: 987.843+/-0.494 χ^2/NDF : 56527.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 985.801+/-0.339 χ^2/NDF : 122100.8/9

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 113.952+/-72.470 χ^2/NDF : 2.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.165+/-67.934 χ^2/NDF : 11.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

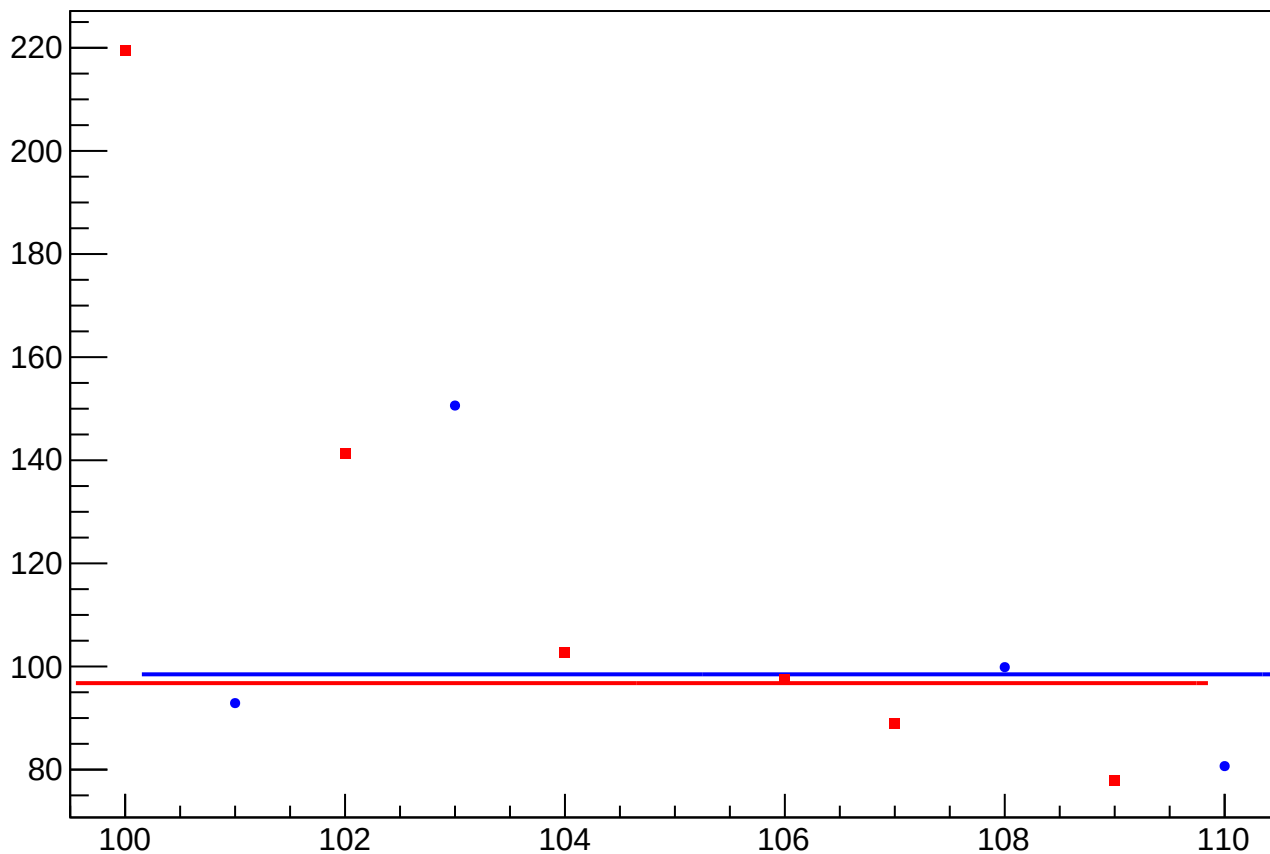
Right: 93.839+/-49.563 χ^2/NDF : 14.2/9

In: 113.952+/-72.470 χ^2/NDF : 2.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.839+/-49.563 χ^2/NDF : 14.2/9

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 98.480+/-0.051 χ^2/NDF : 180472.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.772+/-0.048 χ^2/NDF : 236283.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

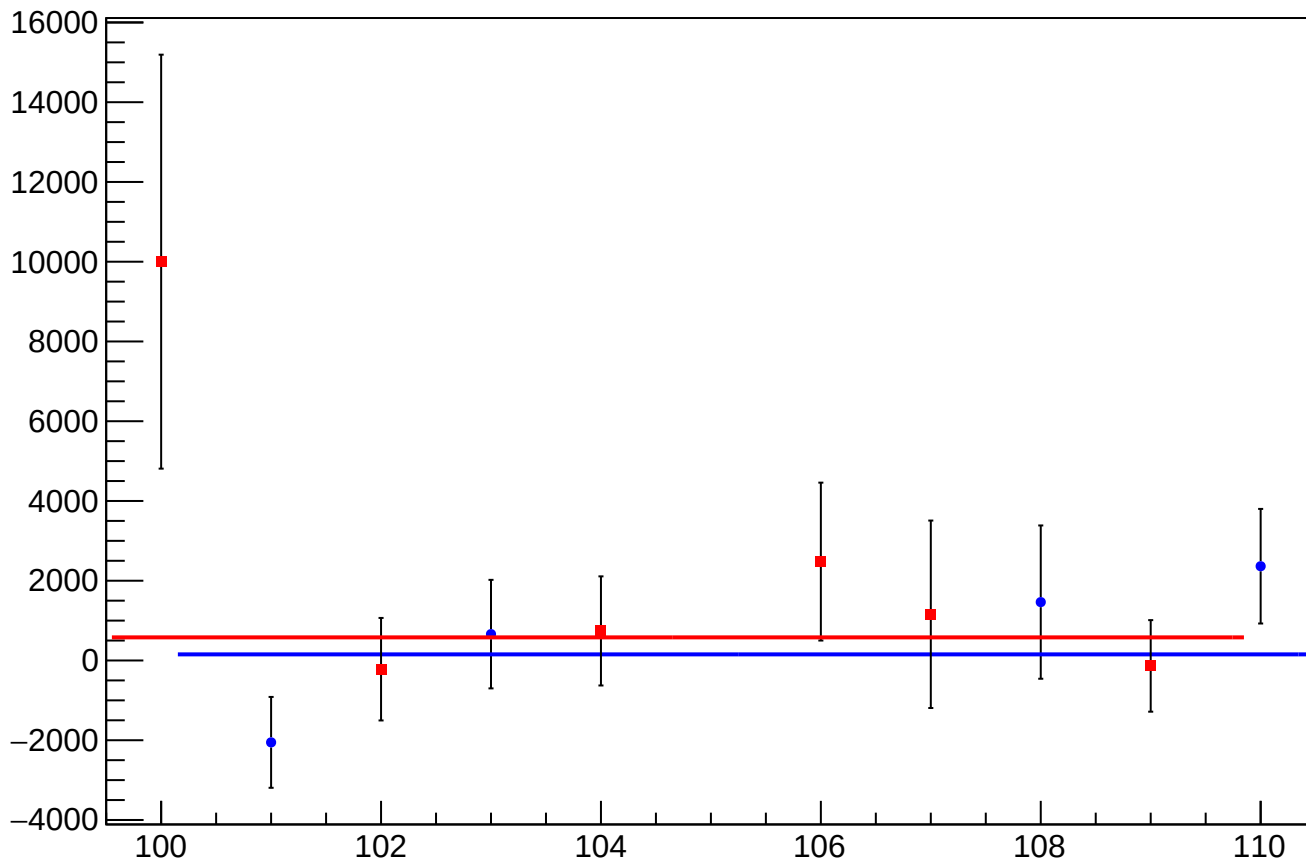
Right: 97.571+/-0.035 χ^2/NDF : 417346.7/9

In: 98.480+/-0.051 χ^2/NDF : 180472.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.571+/-0.035 χ^2/NDF : 417346.7/9

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 153.134+/-695.801 χ^2/NDF : 6.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 579.449+/-649.374 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

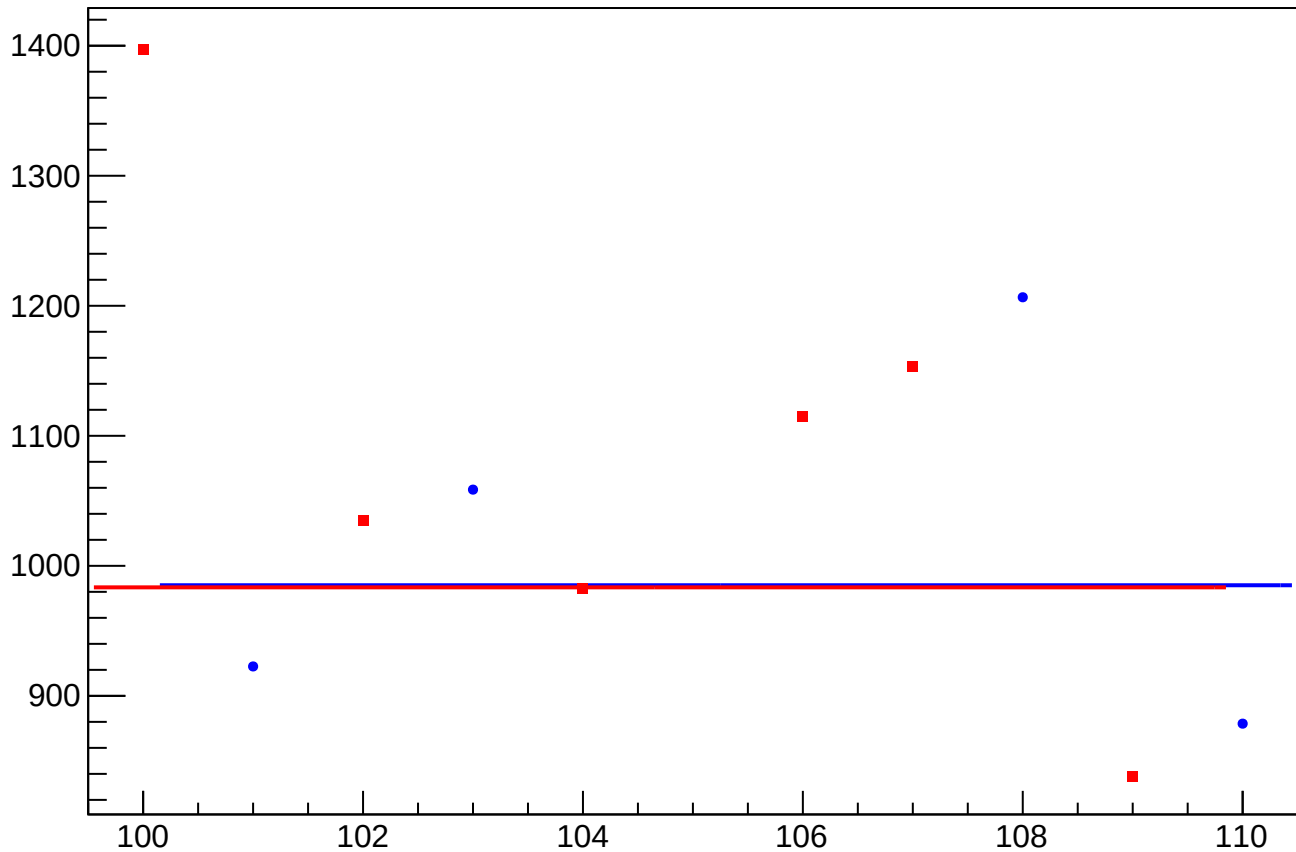
Right: 380.988+/-474.742 χ^2/NDF : 12.0/9

In: 153.134+/-695.801 χ^2/NDF : 6.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.988+/-474.742 χ^2/NDF : 12.0/9

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 985.068+/-0.492 χ^2/NDF : 49378.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 983.452+/-0.459 χ^2/NDF : 67354.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

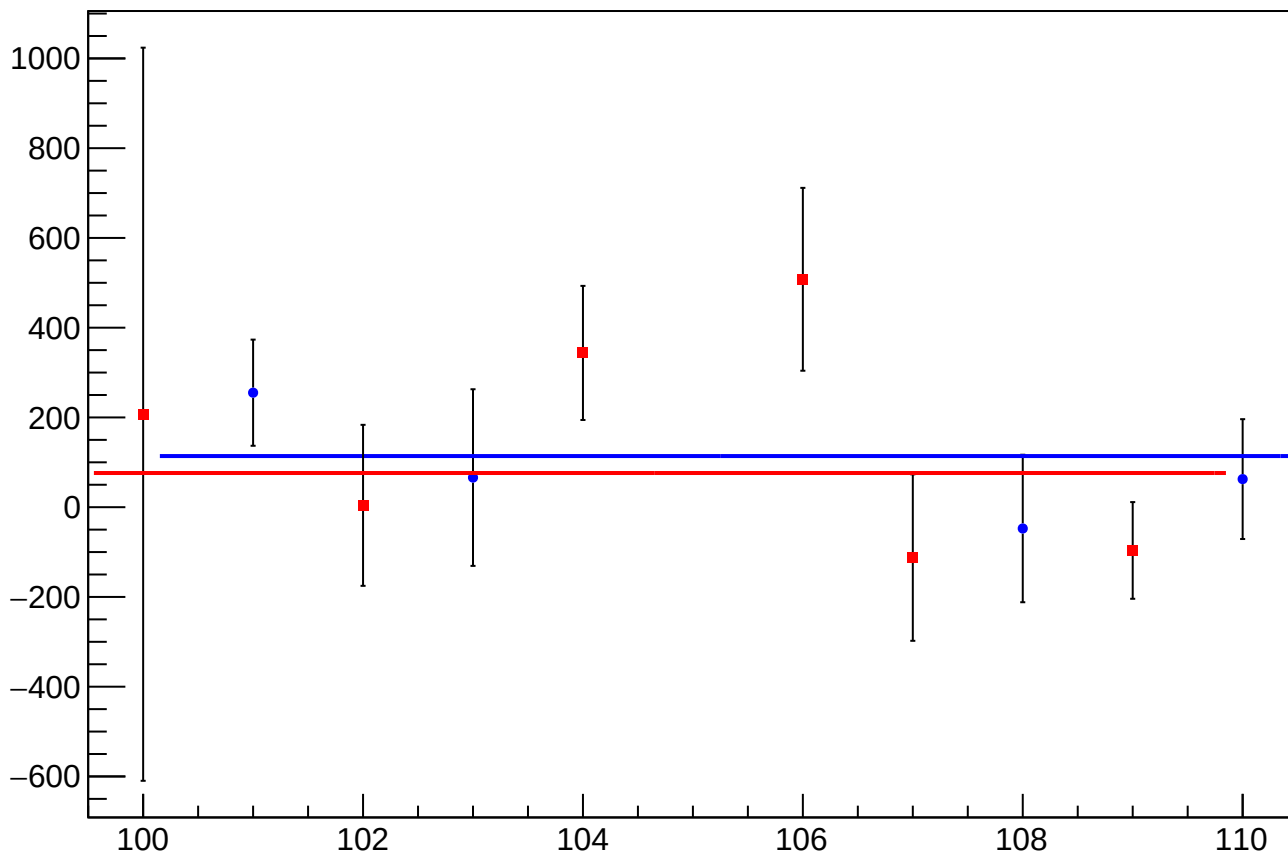
Right: 984.204+/-0.336 χ^2/NDF : 116737.9/9

In: 985.068+/-0.492 χ^2/NDF : 49378.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.204+/-0.336 χ^2/NDF : 116737.9/9

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 113.948 $\pm$ 72.470 χ^2 /NDF: 2.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 76.165 $\pm$ 67.934 χ^2 /NDF: 11.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

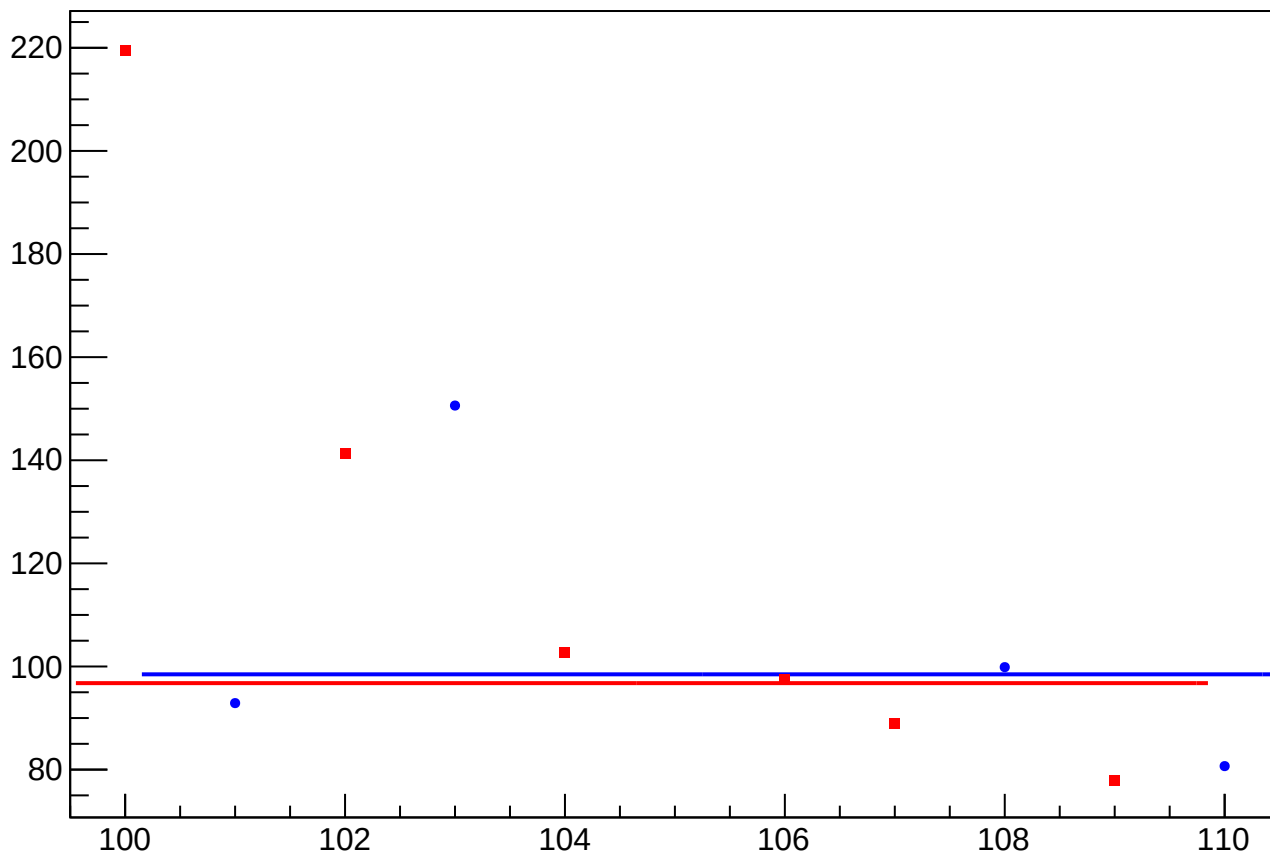
Right: 93.837 $\pm$ 49.563 χ^2 /NDF: 14.2/9

In: 113.948 $\pm$ 72.470 χ^2 /NDF: 2.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.837 $\pm$ 49.563 χ^2 /NDF: 14.2/9

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 98.479+/-0.051 χ^2/NDF : 180477.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.772+/-0.048 χ^2/NDF : 236285.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

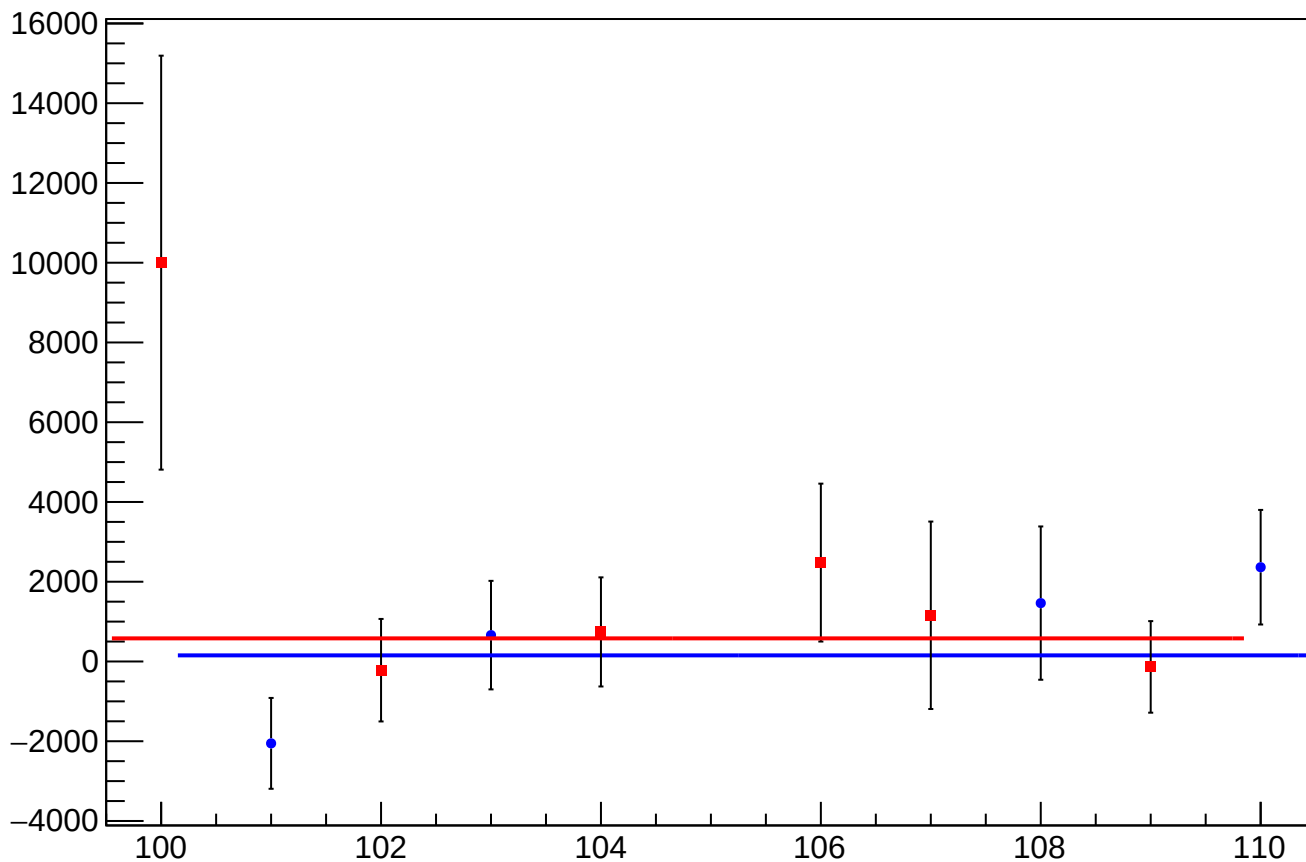
Right: 97.571+/-0.035 χ^2/NDF : 417353.7/9

In: 98.479+/-0.051 χ^2/NDF : 180477.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.571+/-0.035 χ^2/NDF : 417353.7/9

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 153.135+/-695.799 χ^2/NDF : 6.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 579.448+/-649.373 χ^2/NDF : 5.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

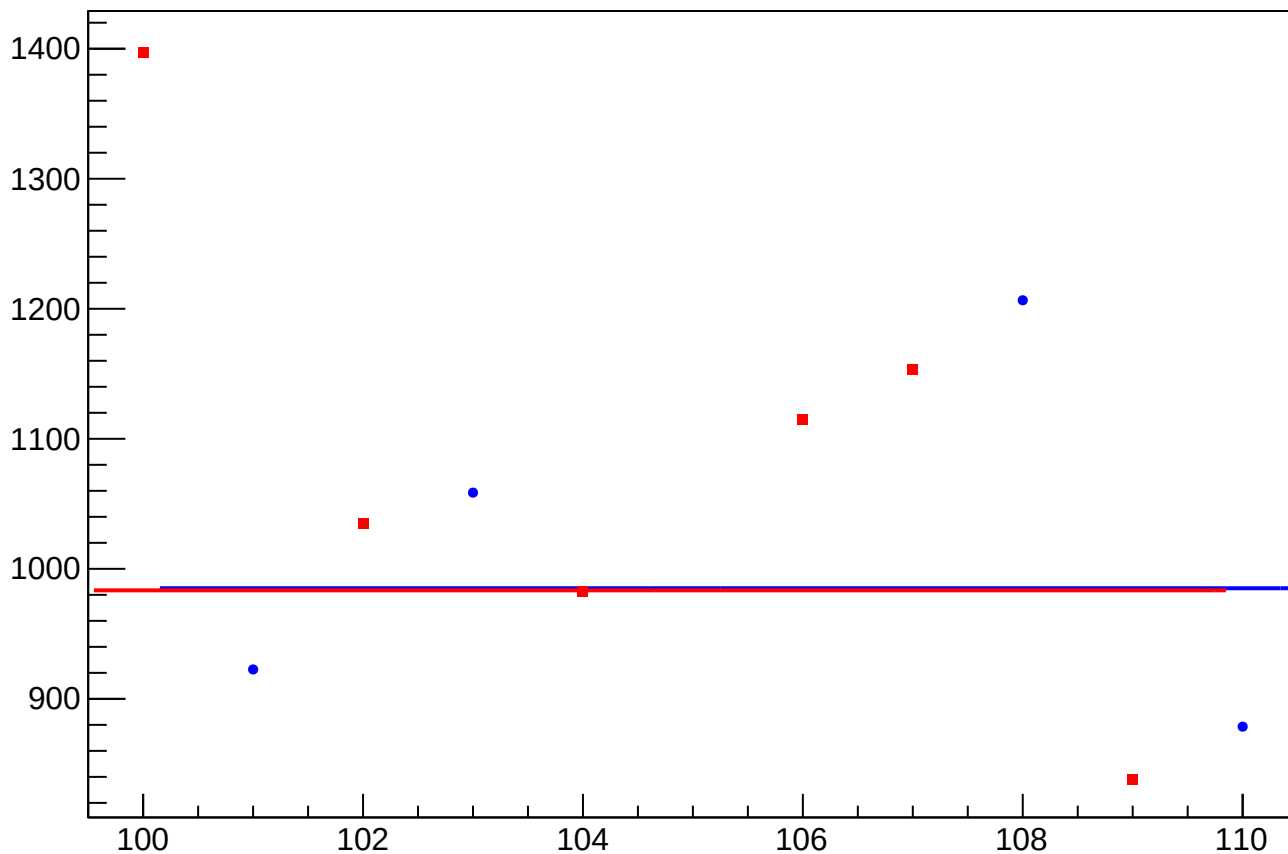
Right: 380.987+/-474.741 χ^2/NDF : 12.0/9

In: 153.135+/-695.799 χ^2/NDF : 6.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.987+/-474.741 χ^2/NDF : 12.0/9

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 985.065+/-0.492 χ^2/NDF : 49378.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 983.450+/-0.459 χ^2/NDF : 67354.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

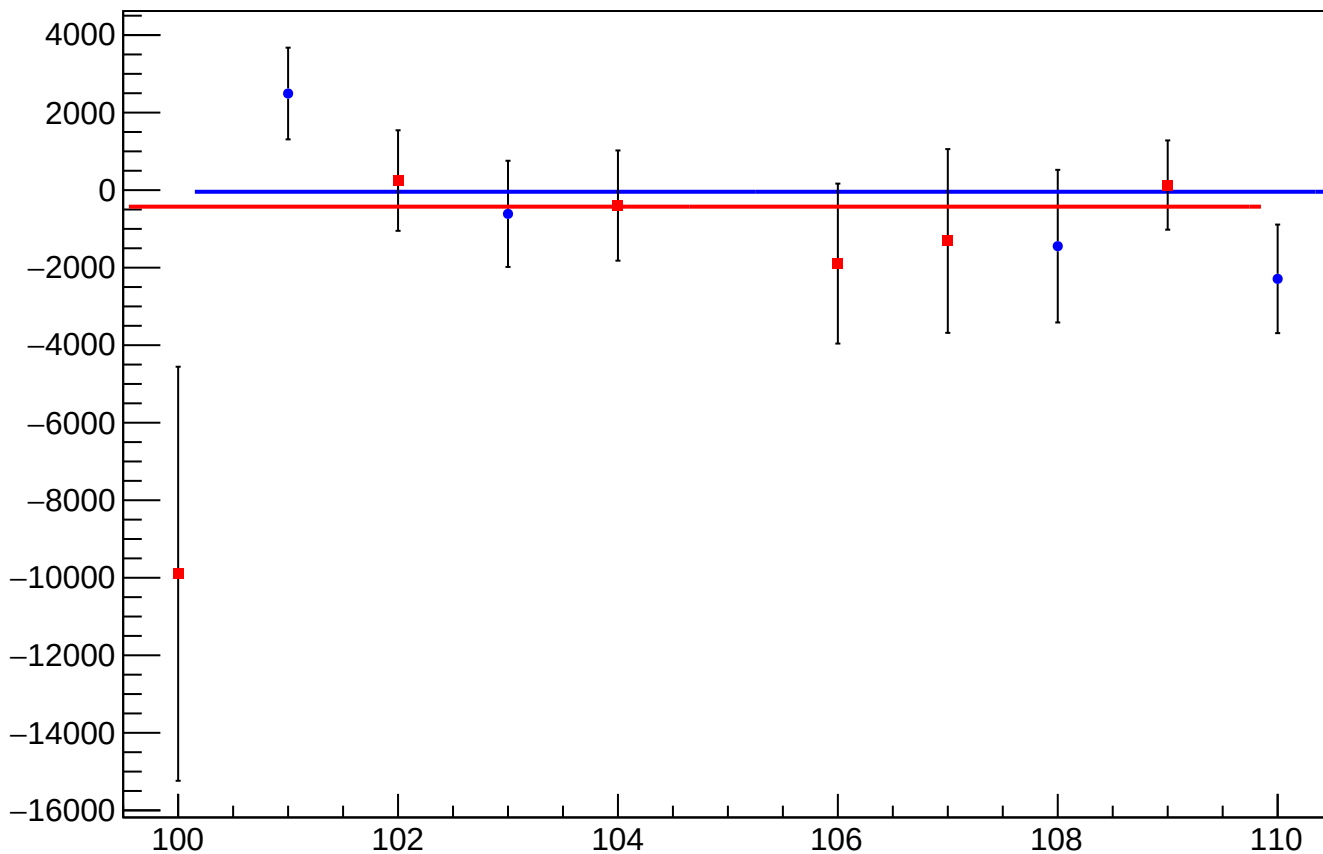
Right: 984.202+/-0.336 χ^2/NDF : 116739.2/9

In: 985.065+/-0.492 χ^2/NDF : 49378.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.202+/-0.336 χ^2/NDF : 116739.2/9

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -41.960+/-704.309 χ^2/NDF : 7.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -426.355+/-660.649 χ^2/NDF : 4.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

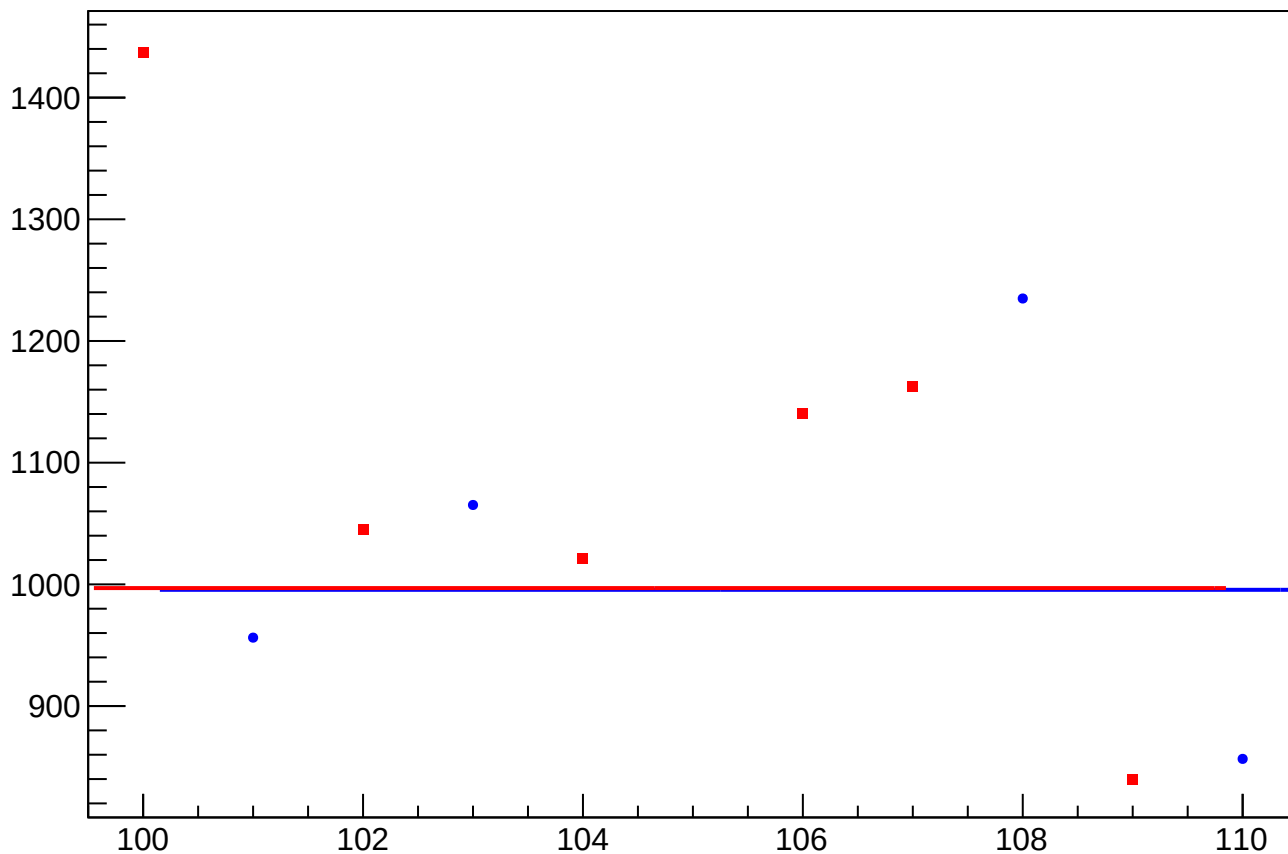
Right: -246.440+/-481.845 χ^2/NDF : 12.3/9

In: -41.960+/-704.309 χ^2/NDF : 7.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -246.440+/-481.845 χ^2/NDF : 12.3/9

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 995.522+/-0.498 χ^2/NDF : 56647.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 996.943+/-0.467 χ^2/NDF : 73735.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

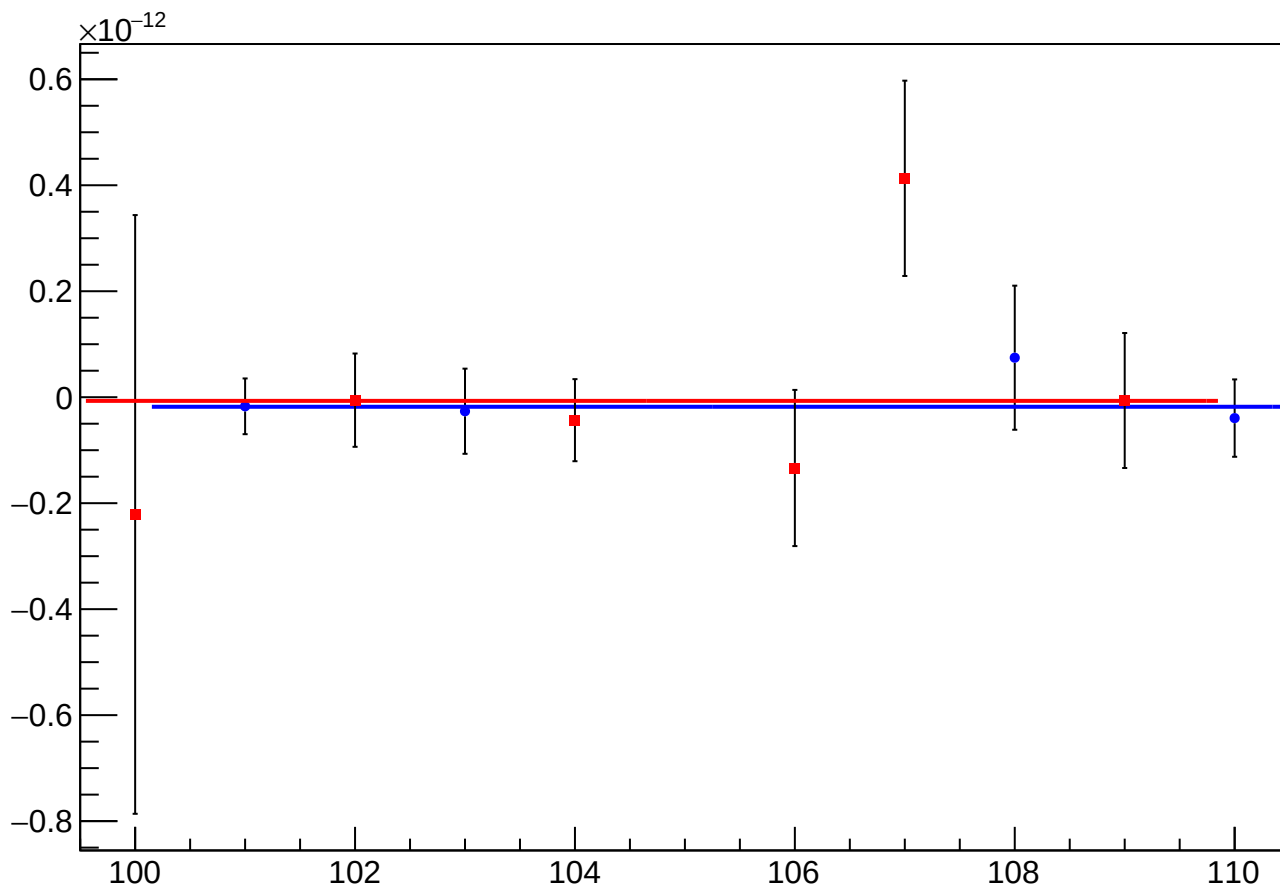
Right: 996.278+/-0.341 χ^2/NDF : 130388.0/9

In: 995.522+/-0.498 χ^2/NDF : 56647.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 996.278+/-0.341 χ^2/NDF : 130388.0/9

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.6/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.3/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

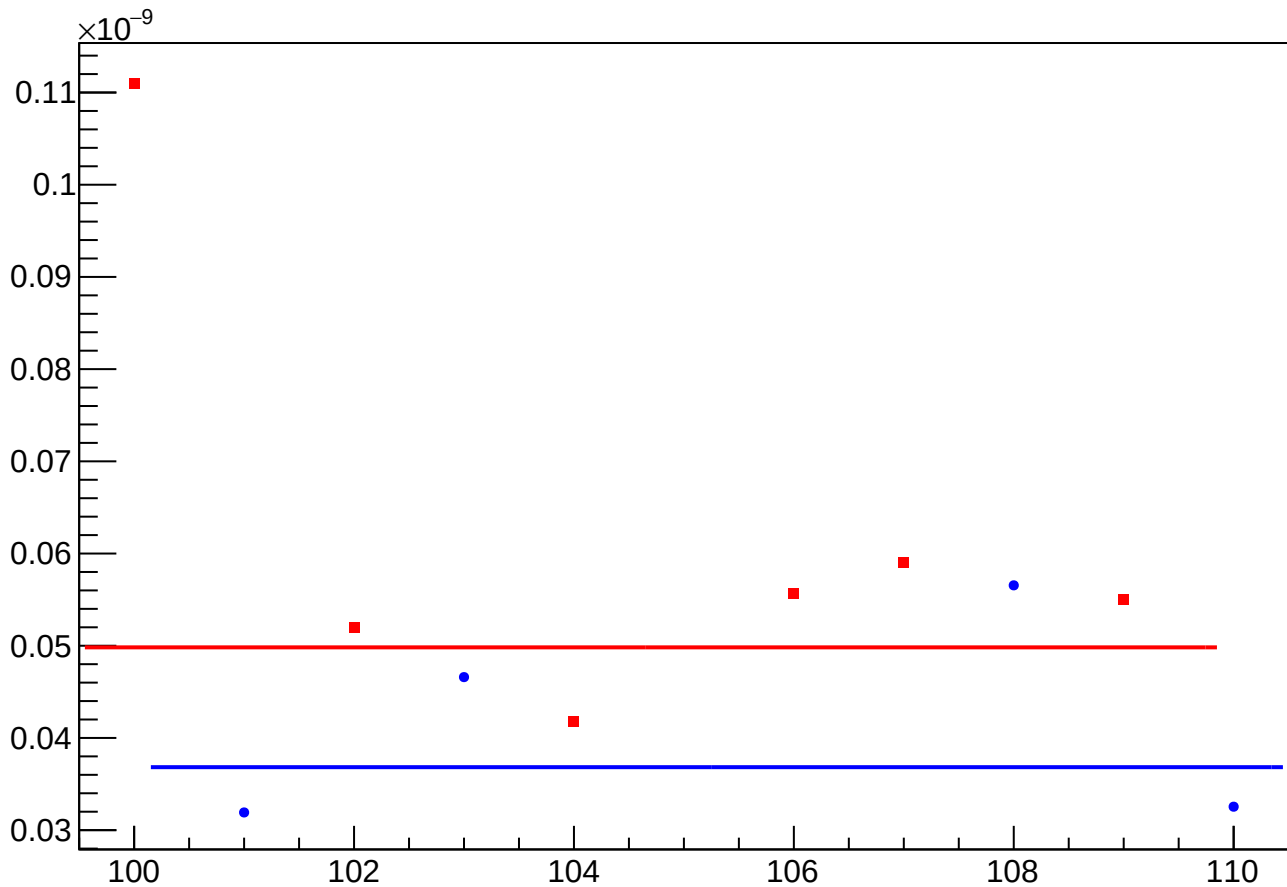
Right: -0.000+/-0.000 χ^2 /NDF: 6.9/9

In: -0.000+/-0.000 χ^2 /NDF:0.6/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.9/9

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 95966.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 57510.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

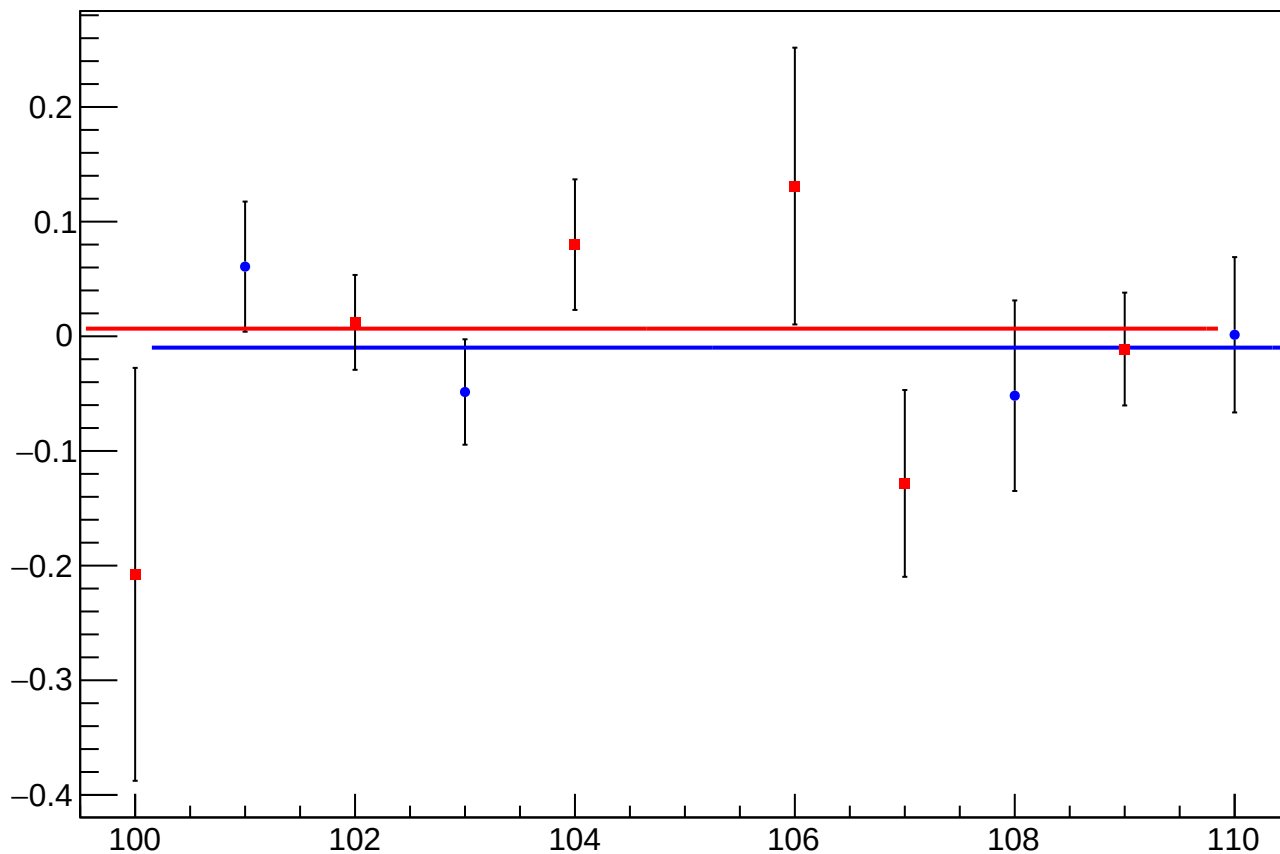
Right: 0.000+/-0.000 χ^2/NDF : 246962.2/9

In: 0.000+/-0.000 χ^2/NDF : 95966.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 246962.2/9

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.030 χ^2 /NDF: 2.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.025 χ^2 /NDF: 7.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

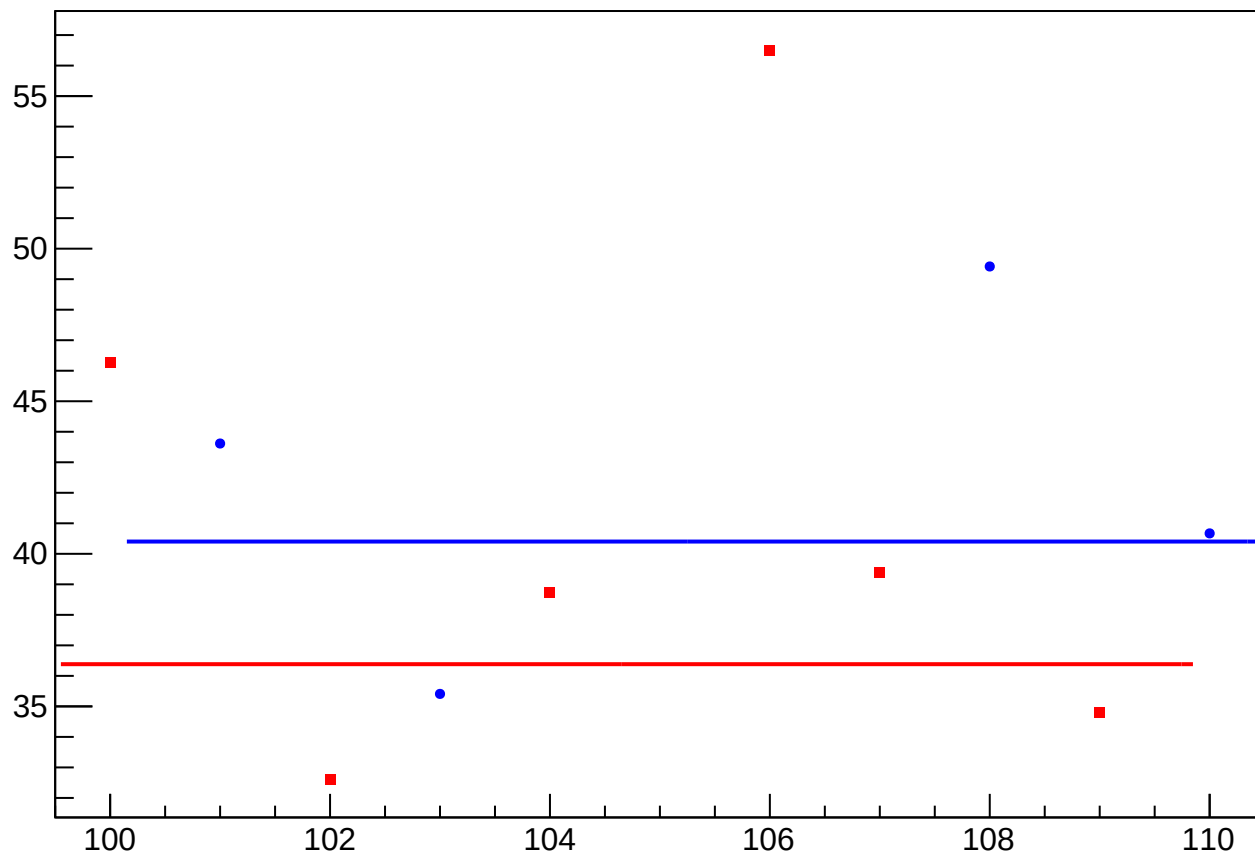
Right: -0.000 $\pm$ 0.019 χ^2 /NDF: 9.8/9

In: -0.010 $\pm$ 0.030 χ^2 /NDF:2.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.019 χ^2 /NDF: 9.8/9

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.402+/-0.021 χ^2/NDF : 53564.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.383+/-0.018 χ^2/NDF : 86621.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

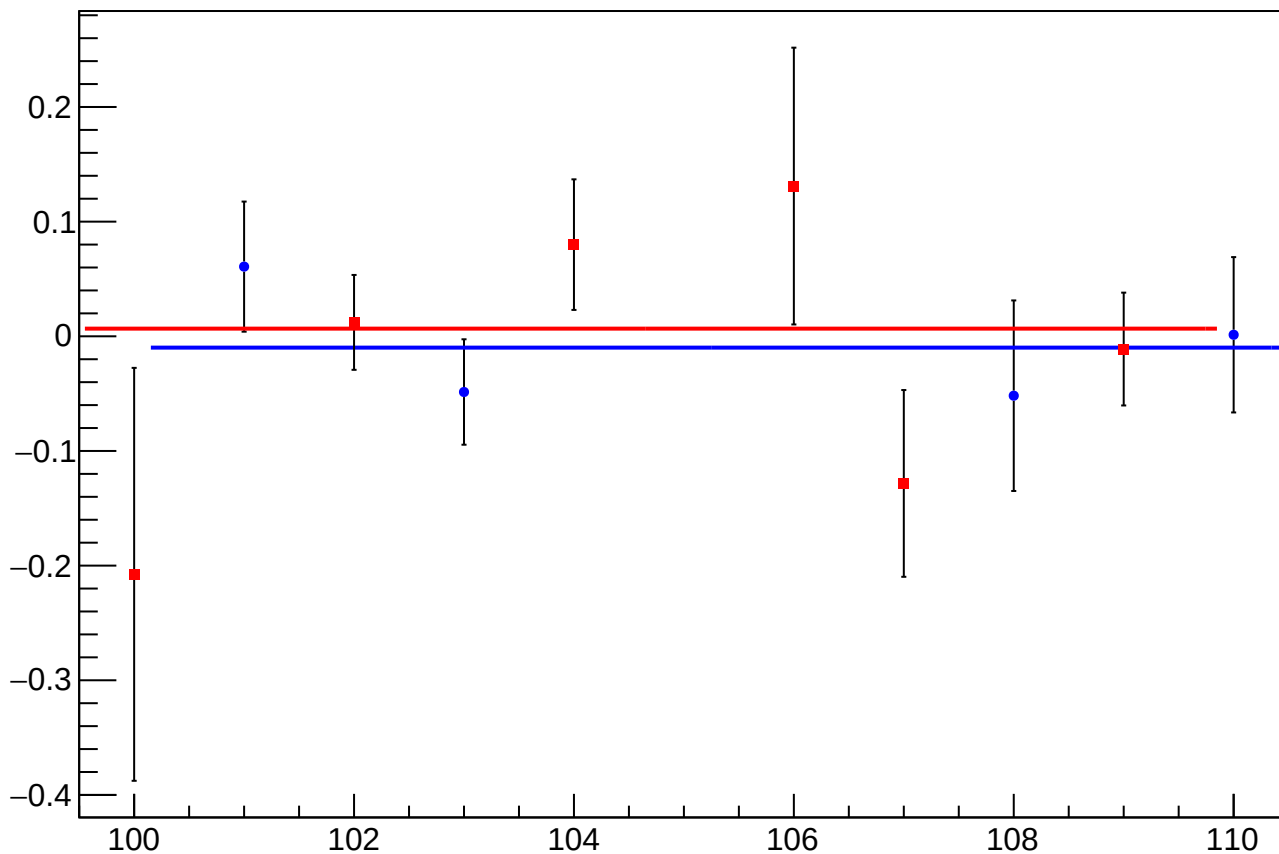
Right: 38.088+/-0.014 χ^2/NDF : 161507.2/9

In: 40.402+/-0.021 χ^2/NDF : 53564.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.088+/-0.014 χ^2/NDF : 161507.2/9

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.030 χ^2 /NDF: 2.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.025 χ^2 /NDF: 7.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

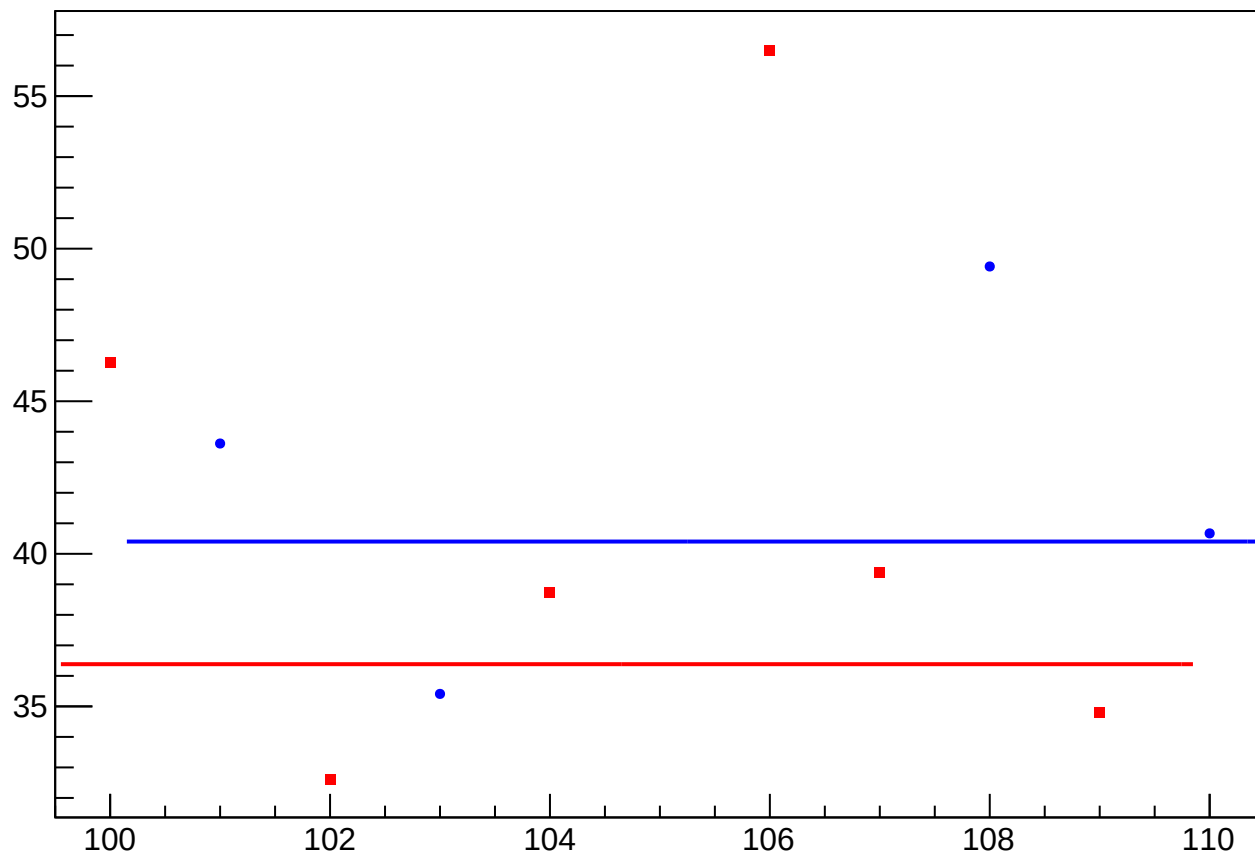
Right: -0.000 $\pm$ 0.019 χ^2 /NDF: 9.8/9

In: -0.010 $\pm$ 0.030 χ^2 /NDF:2.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.019 χ^2 /NDF: 9.8/9

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.402+/-0.021 χ^2/NDF : 53564.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.383+/-0.018 χ^2/NDF : 86621.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

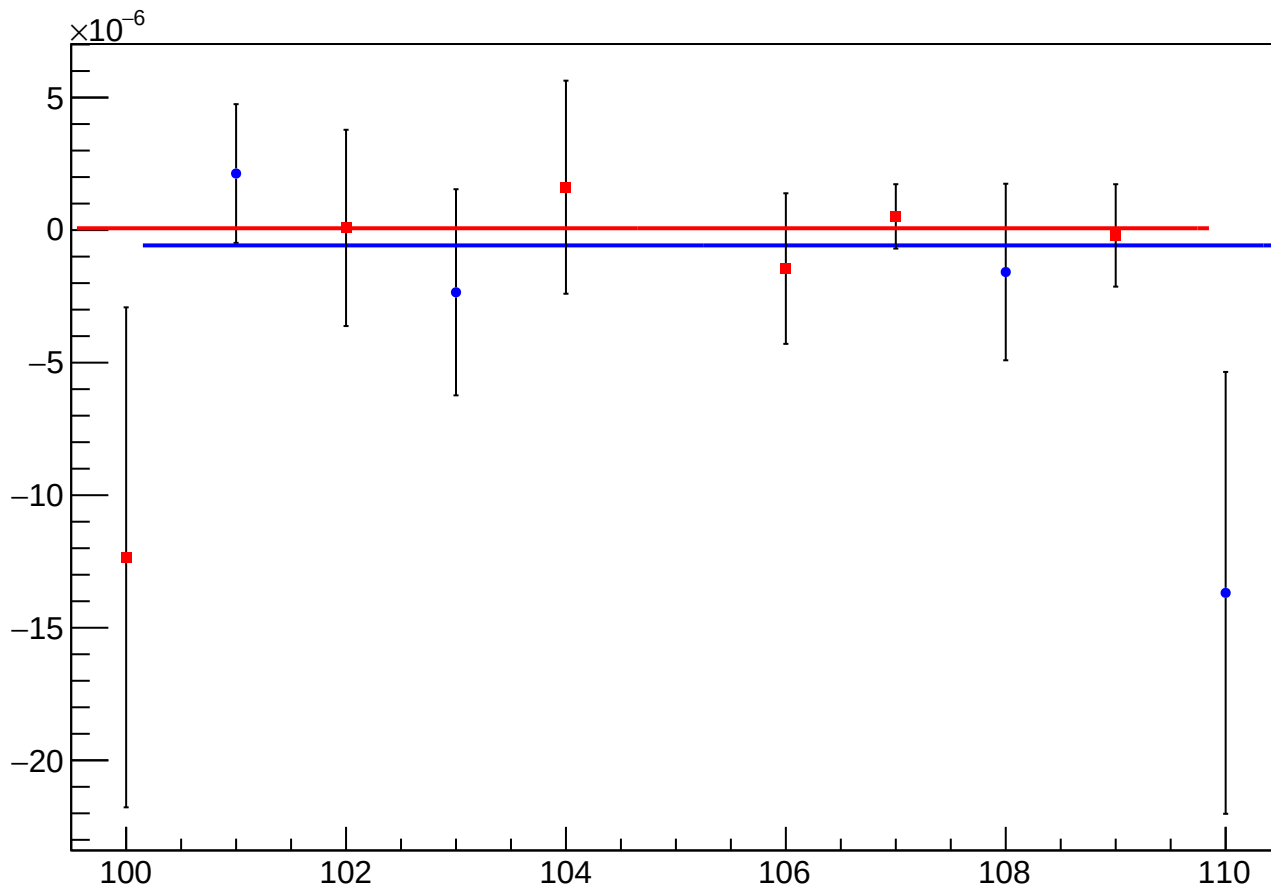
Right: 38.088+/-0.014 χ^2/NDF : 161507.2/9

In: 40.402+/-0.021 χ^2/NDF : 53564.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.088+/-0.014 χ^2/NDF : 161507.2/9

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

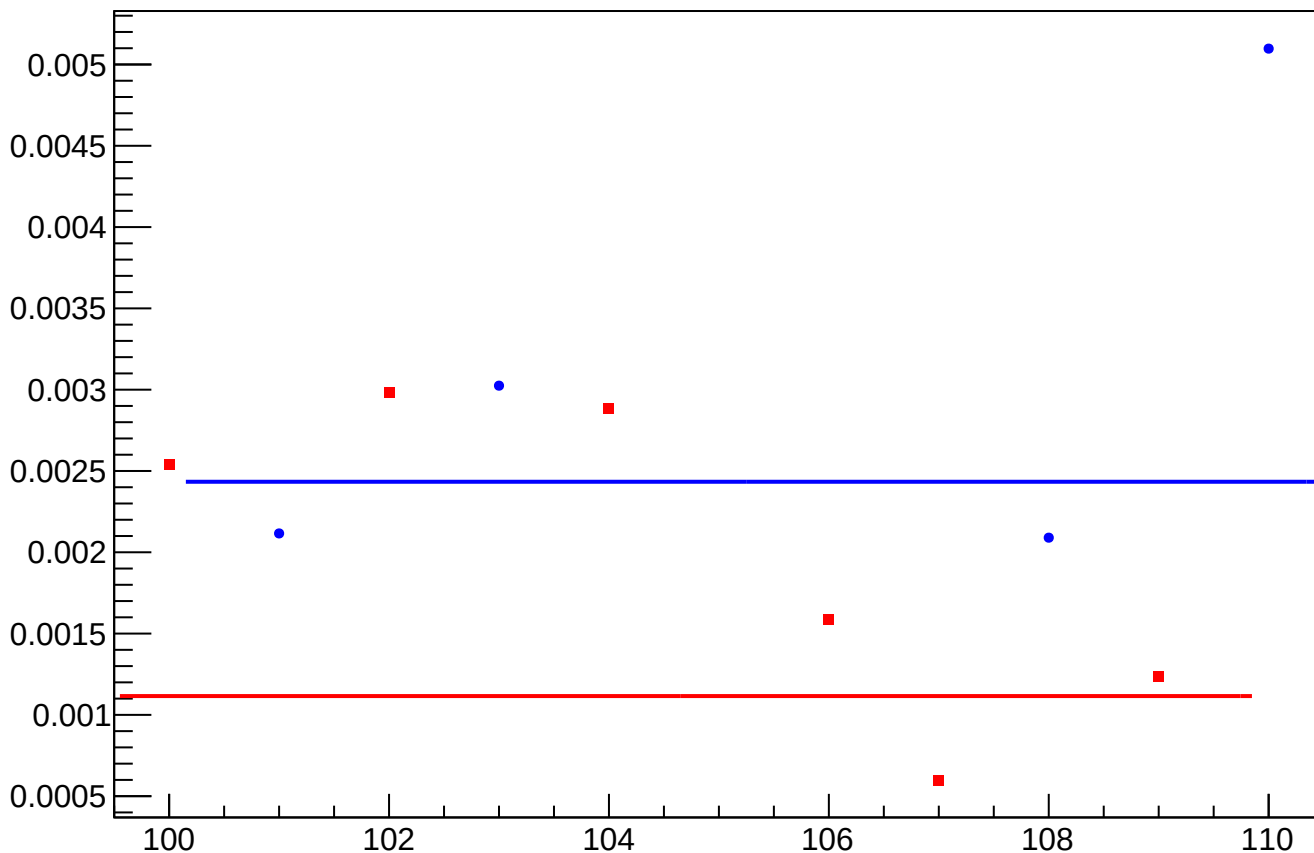
Right: -0.000+/-0.000 χ^2/NDF : 6.3/9

In: -0.000+/-0.000 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.3/9

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 ± 0.000 χ^2/NDF : 301404.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.001 ± 0.000 χ^2/NDF : 1372821.6/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

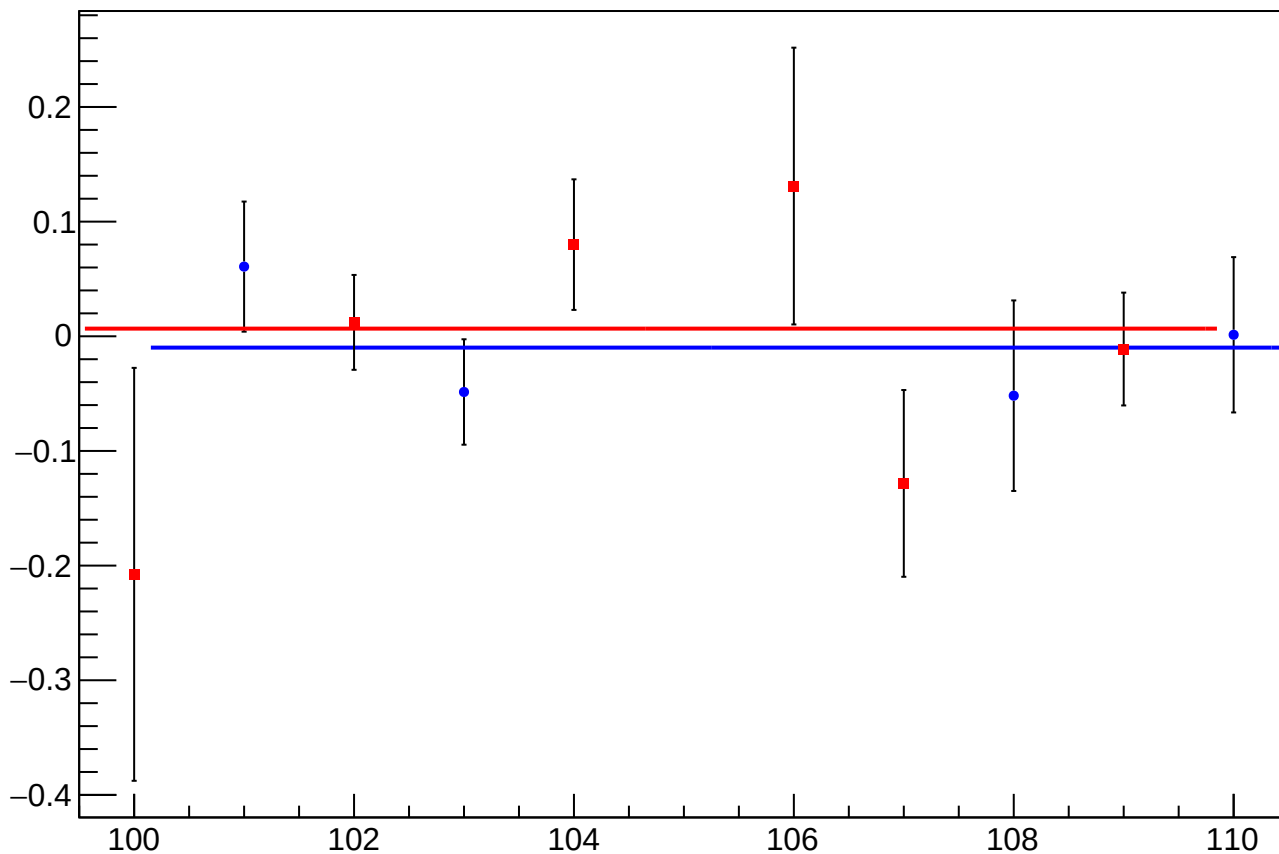
Right: 0.001 ± 0.000 χ^2/NDF : 2547784.8/9

In: 0.002 ± 0.000 χ^2/NDF : 301404.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.000 χ^2/NDF : 2547784.8/9

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.030 χ^2 /NDF: 2.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.025 χ^2 /NDF: 7.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

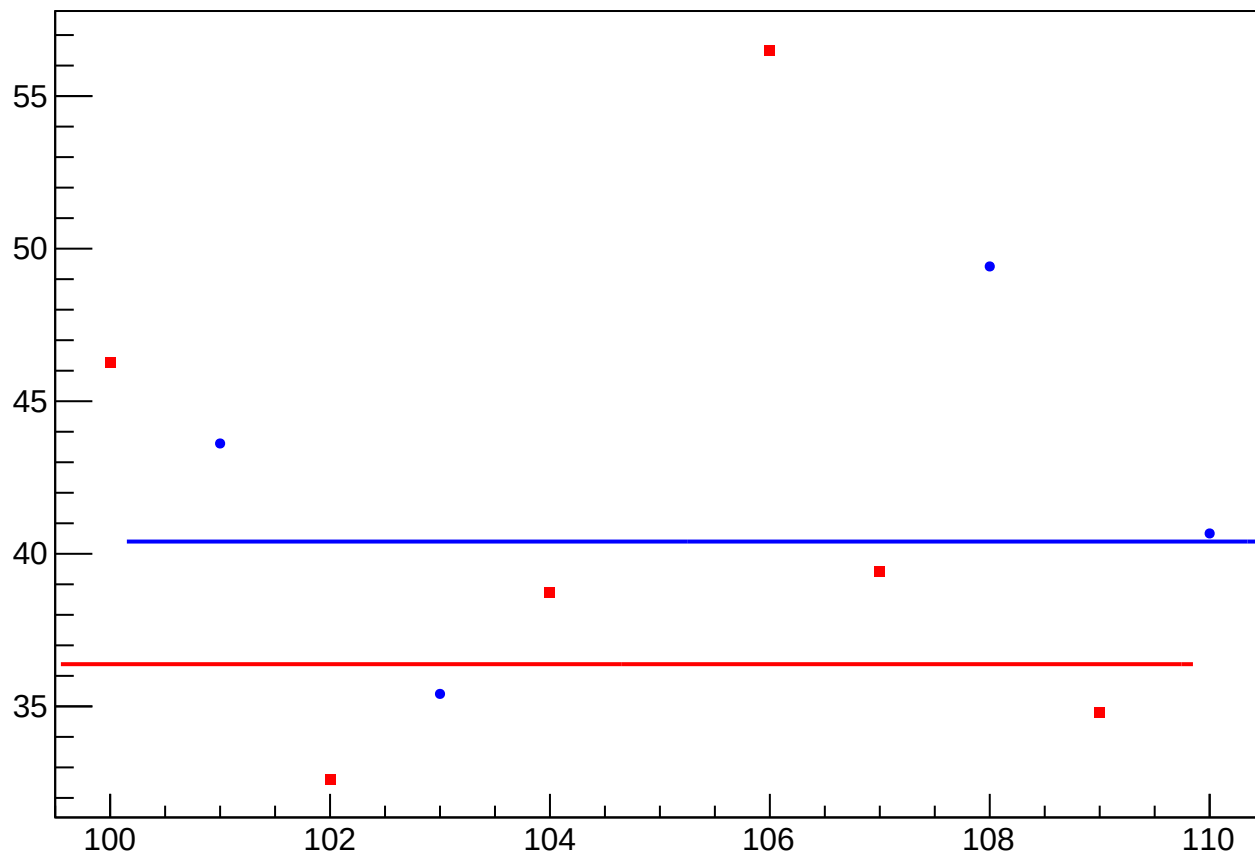
Right: -0.000 $\pm$ 0.019 χ^2 /NDF: 9.8/9

In: -0.010 $\pm$ 0.030 χ^2 /NDF:2.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.019 χ^2 /NDF: 9.8/9

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.402 $\pm$ 0.021 χ^2 /NDF: 53576.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.383 $\pm$ 0.018 χ^2 /NDF: 86629.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

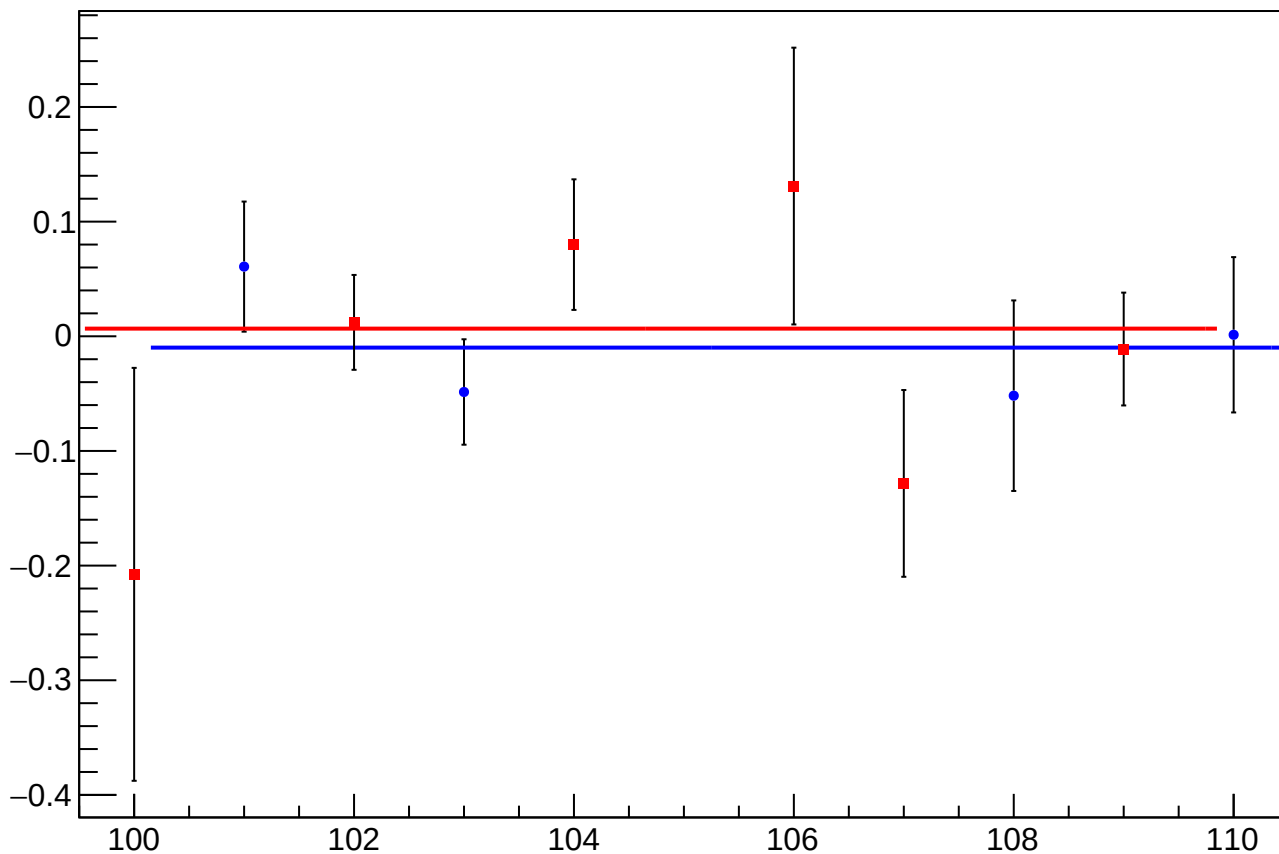
Right: 38.088 $\pm$ 0.014 χ^2 /NDF: 161524.9/9

In: 40.402 $\pm$ 0.021 χ^2 /NDF:53576.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.088 $\pm$ 0.014 χ^2 /NDF: 161524.9/9

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.030 χ^2 /NDF: 2.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.025 χ^2 /NDF: 7.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

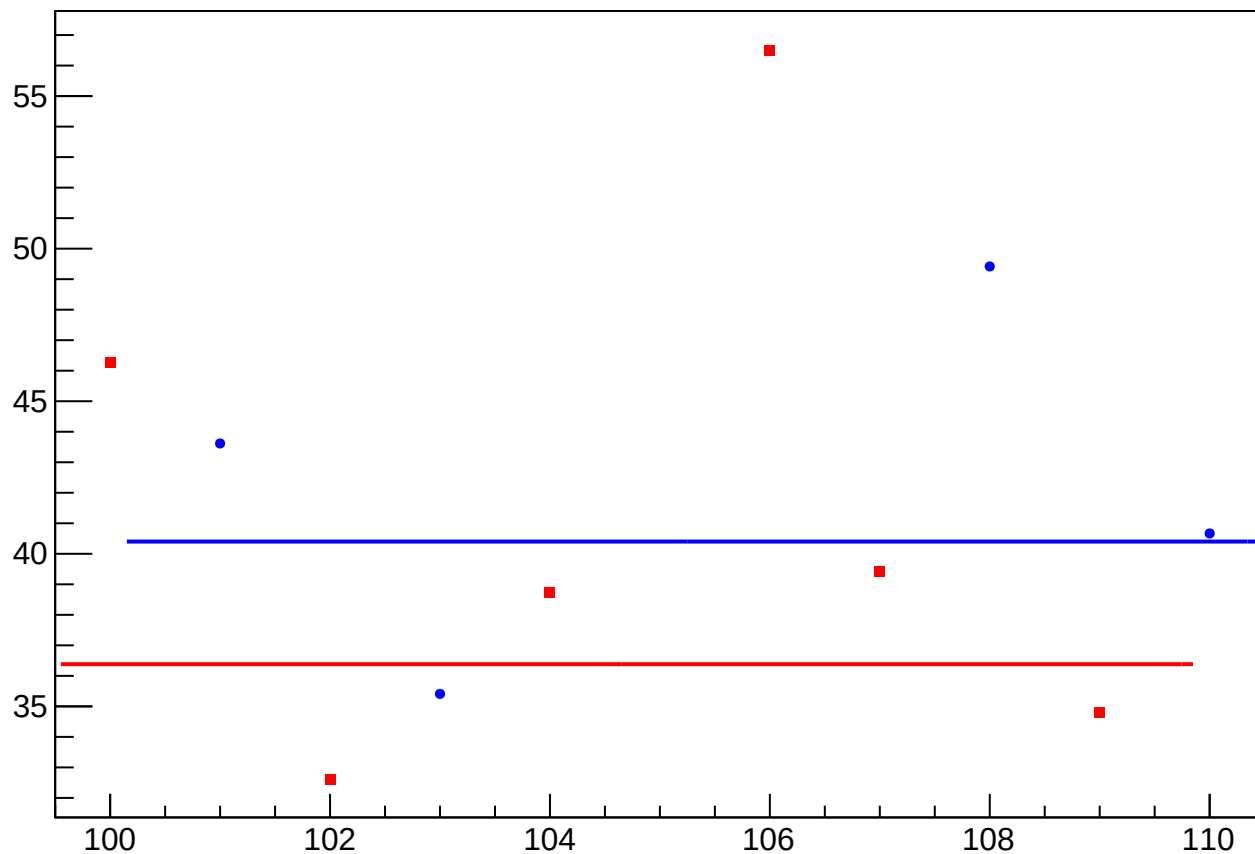
Right: -0.000 $\pm$ 0.019 χ^2 /NDF: 9.8/9

In: -0.010 $\pm$ 0.030 χ^2 /NDF:2.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.019 χ^2 /NDF: 9.8/9

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.402+/-0.021 χ^2/NDF : 53576.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.383+/-0.018 χ^2/NDF : 86629.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

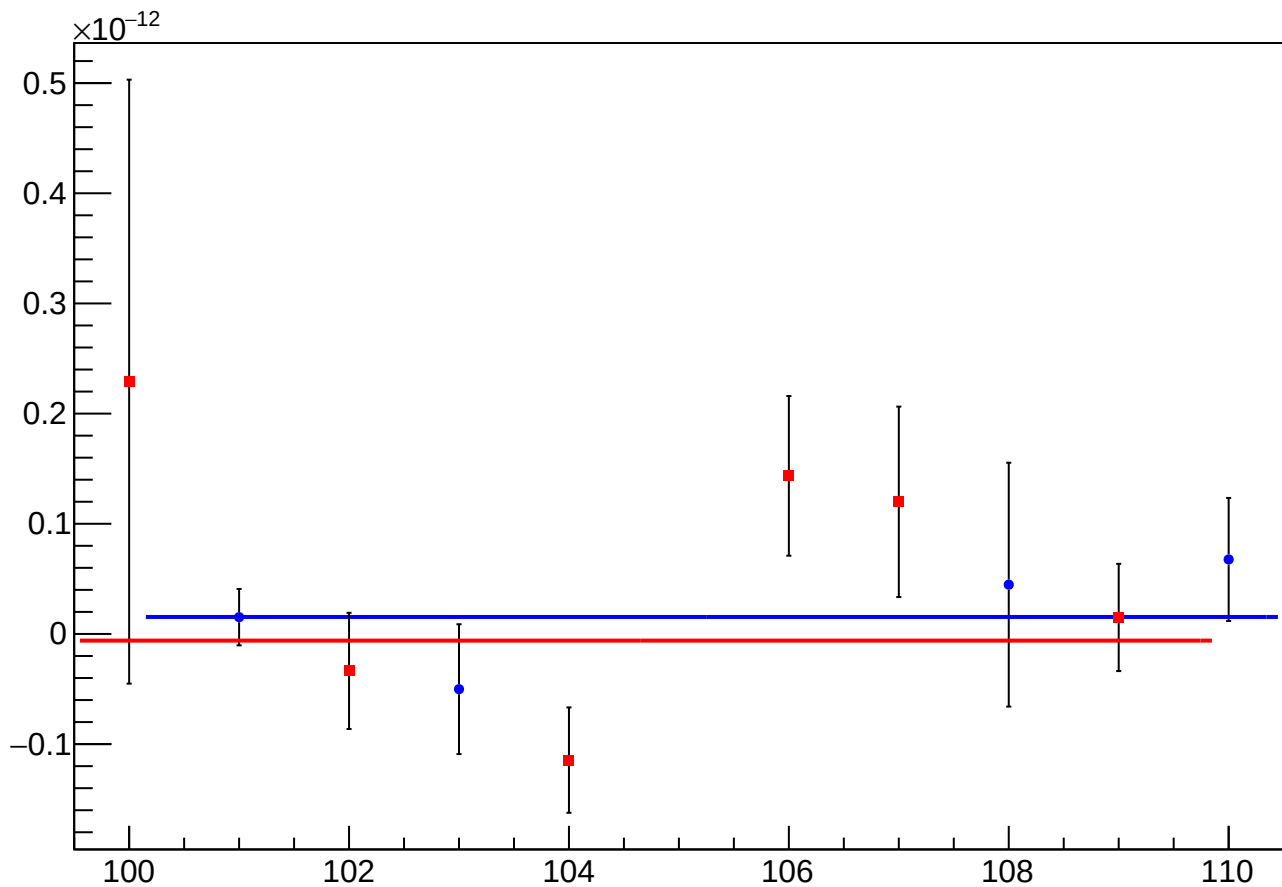
Right: 38.088+/-0.014 χ^2/NDF : 161524.9/9

In: 40.402+/-0.021 χ^2/NDF : 53576.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.088+/-0.014 χ^2/NDF : 161524.9/9

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

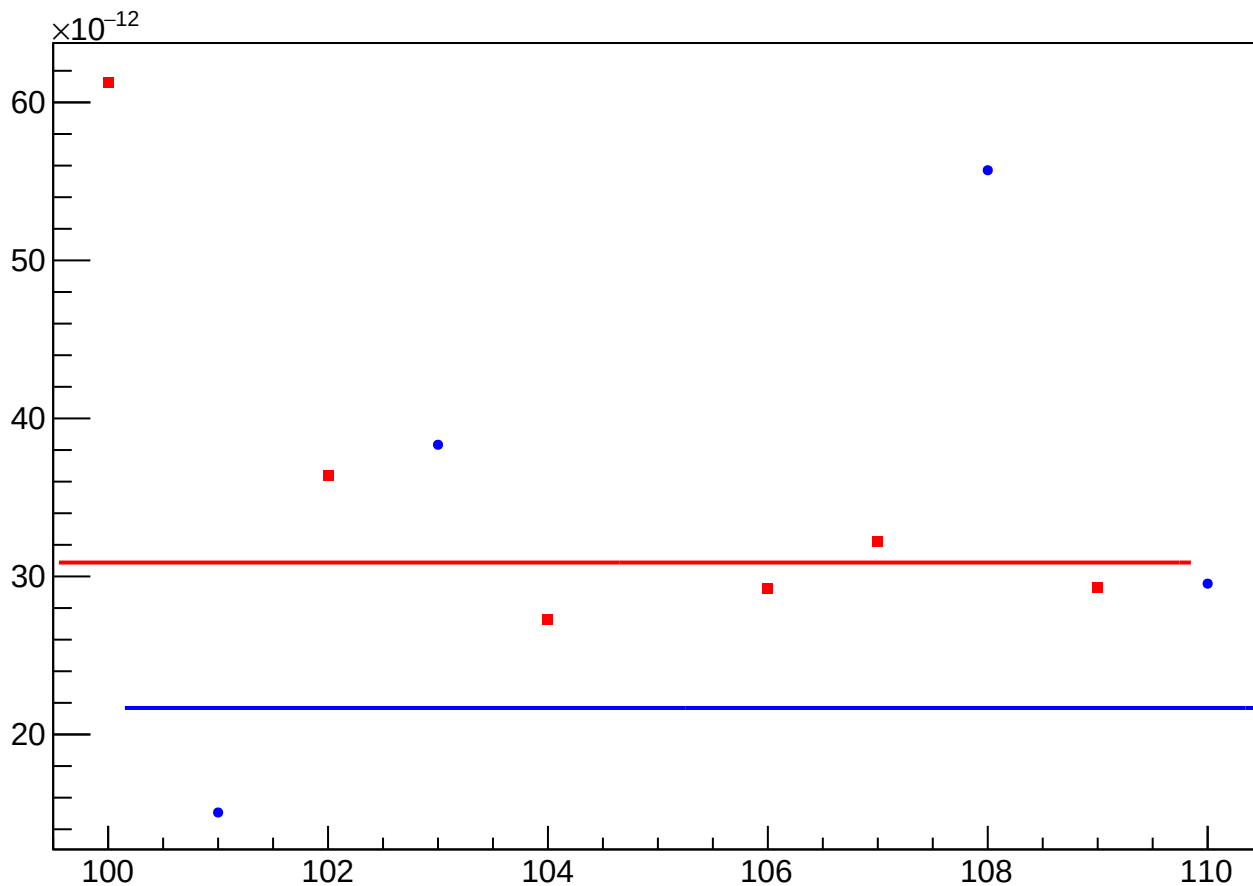
Right: 0.000+/-0.000 χ^2/NDF : 15.3/9

In: 0.000+/-0.000 χ^2/NDF : 2.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.3/9

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 522364.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 61213.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

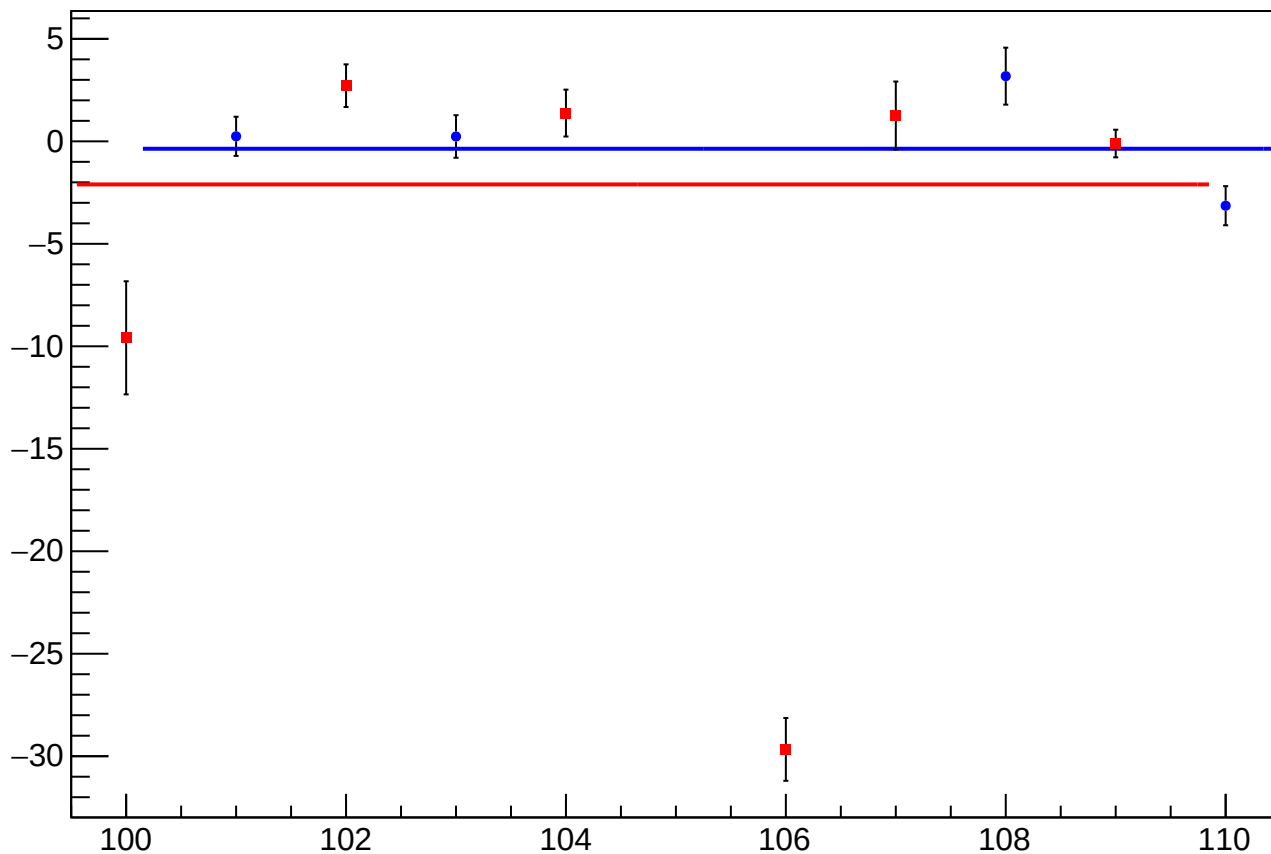
Right: 0.000+/-0.000 χ^2/NDF : 738523.7/9

In: 0.000+/-0.000 χ^2/NDF : 522364.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 738523.7/9

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.362 ± 0.524 χ^2/NDF : 15.7/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.102 ± 0.456 χ^2/NDF : 374.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

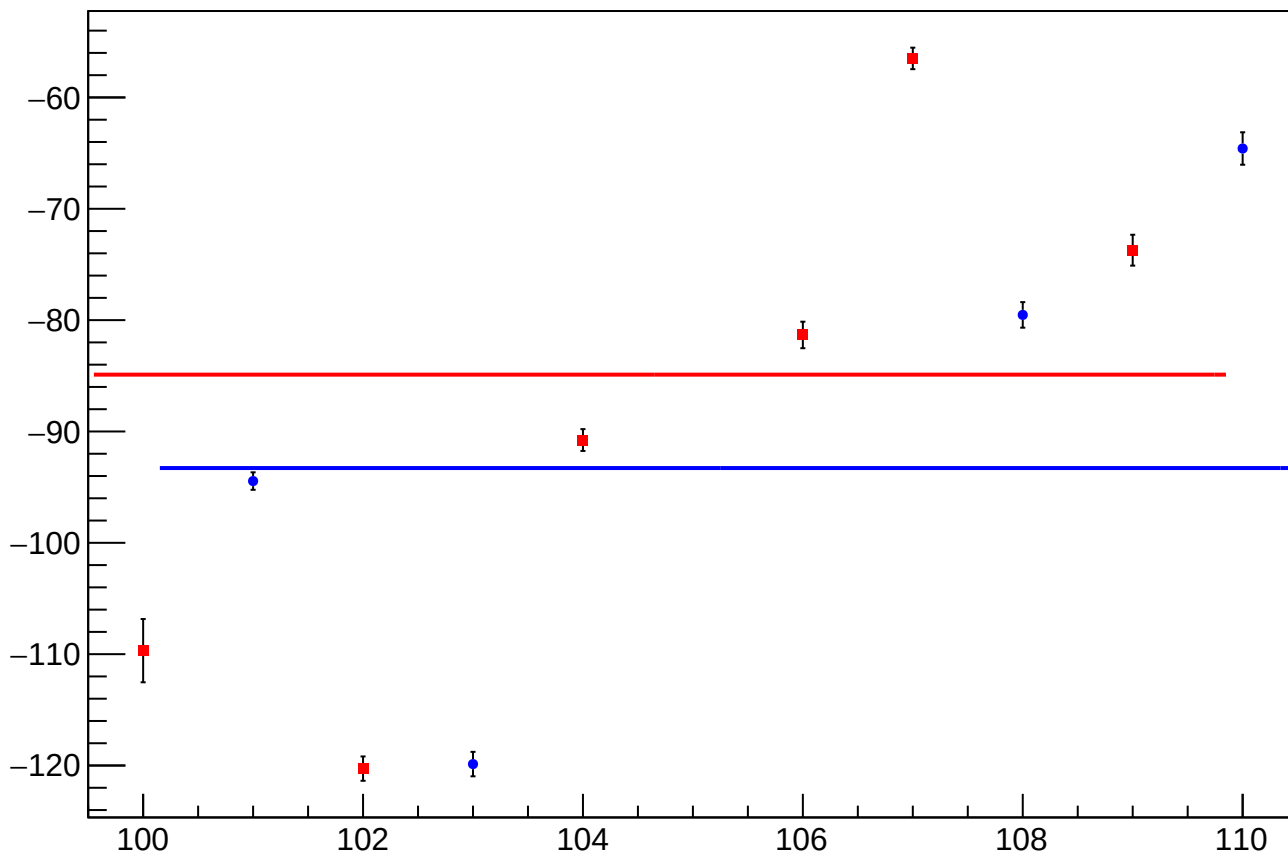
Right: -1.352 ± 0.344 χ^2/NDF : 396.4/9

In: -0.362 ± 0.524 χ^2/NDF : 15.7/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.352 ± 0.344 χ^2/NDF : 396.4/9

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -93.284 ± 0.521 χ^2/NDF : 1120.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -84.895 ± 0.482 χ^2/NDF : 2098.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

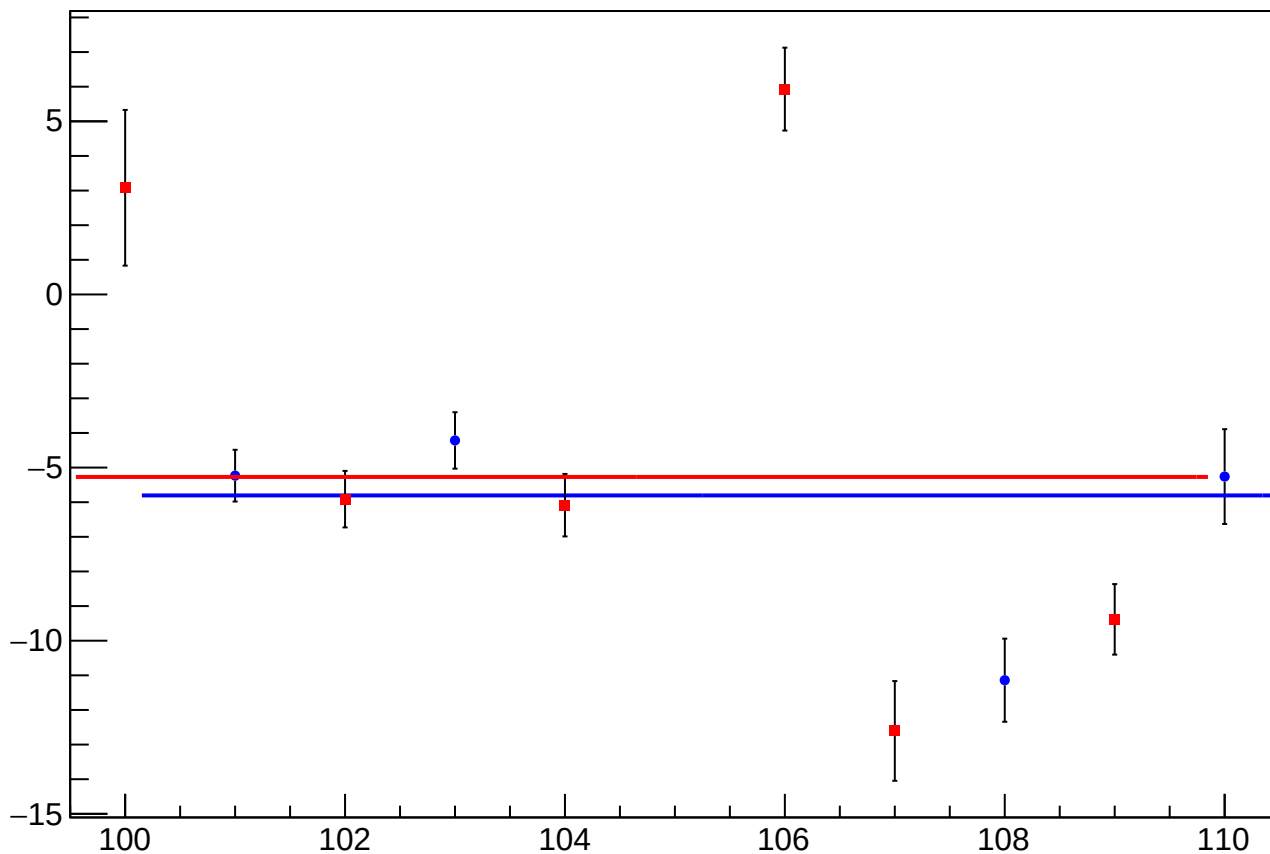
Right: -88.764 ± 0.354 χ^2/NDF : 3358.2/9

In: -93.284 ± 0.521 χ^2/NDF : 1120.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -88.764 ± 0.354 χ^2/NDF : 3358.2/9

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.805+/-0.470 χ^2/NDF : 24.3/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.271+/-0.444 χ^2/NDF : 145.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

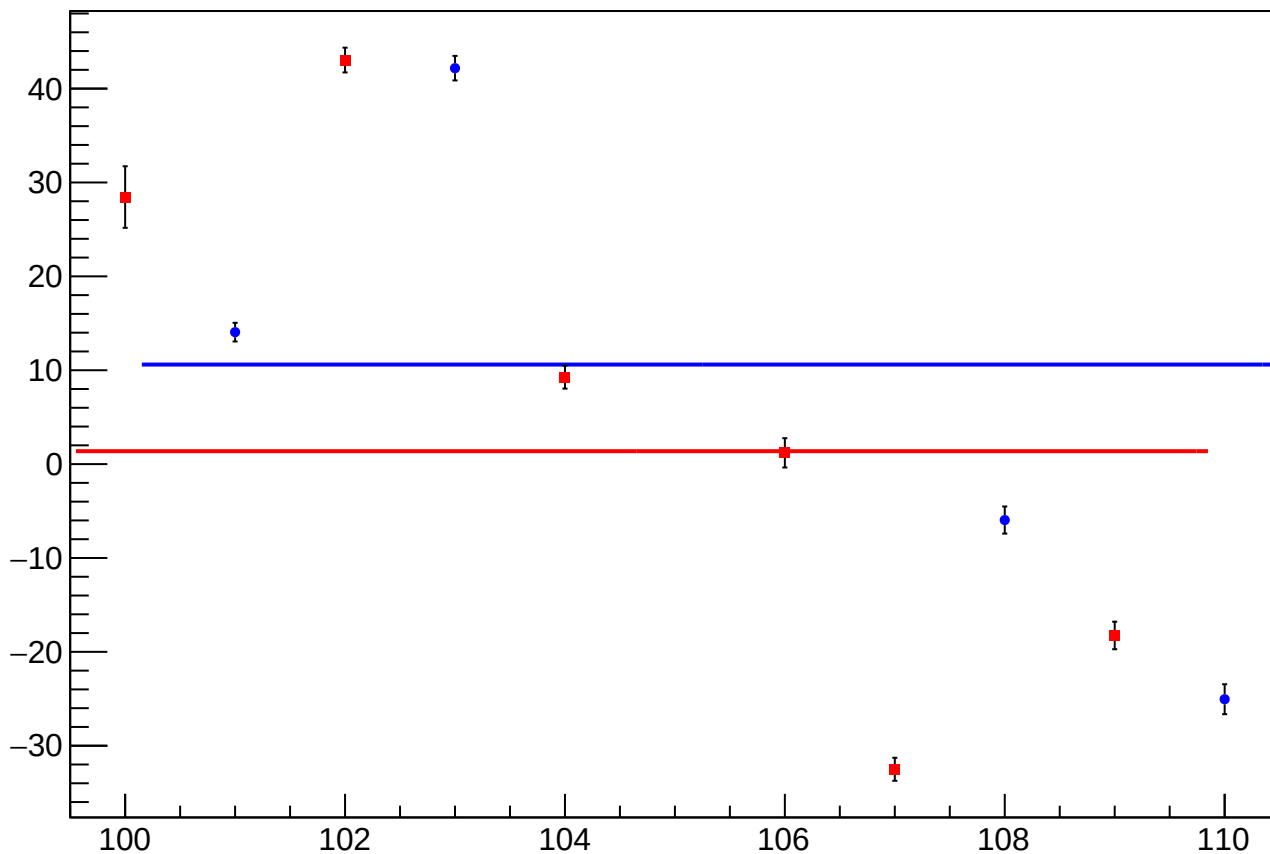
Right: -5.522+/-0.323 χ^2/NDF : 170.0/9

In: -5.805+/-0.470 χ^2/NDF :24.3/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.522+/-0.323 χ^2/NDF : 170.0/9

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.605+/-0.637 χ^2/NDF : 1225.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.377+/-0.590 χ^2/NDF : 2049.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

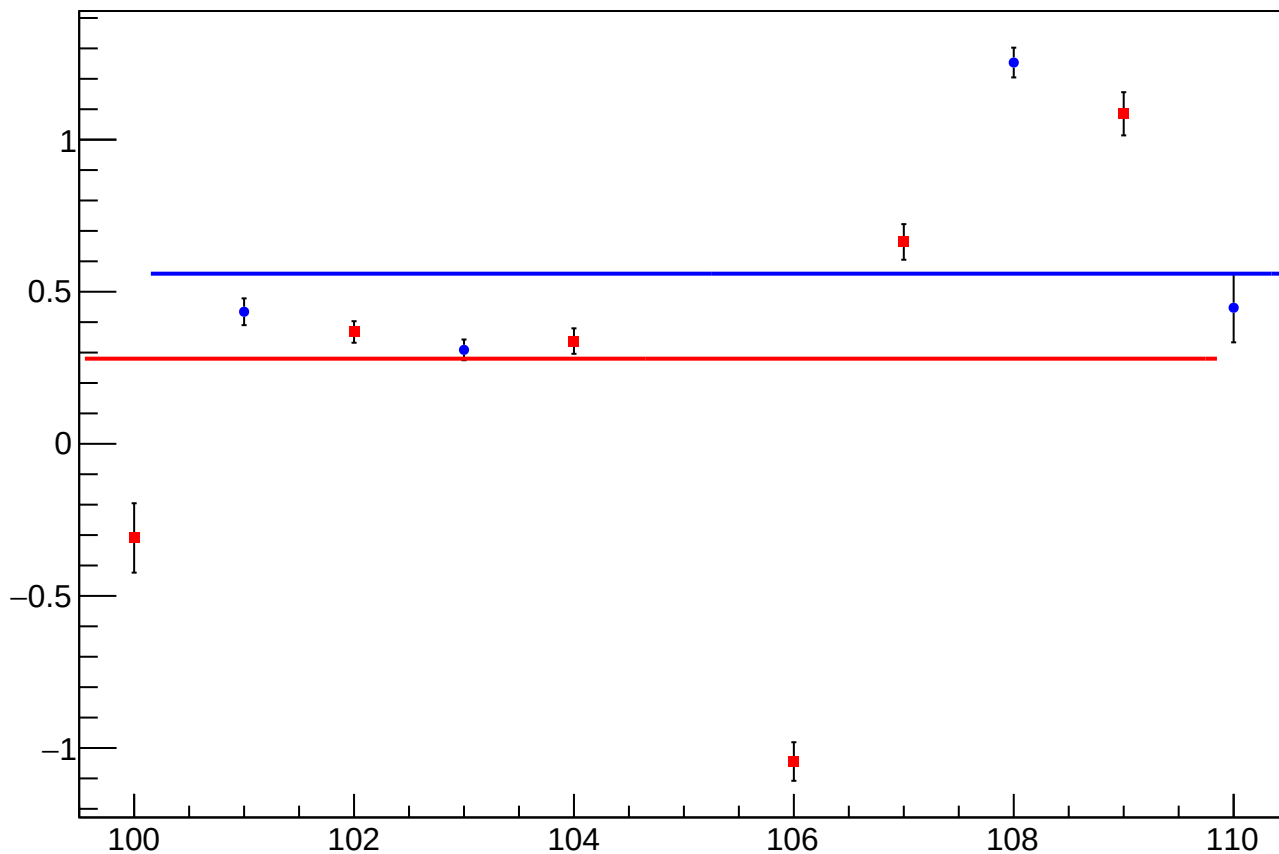
Right: 5.639+/-0.433 χ^2/NDF : 3388.6/9

In: 10.605+/-0.637 χ^2/NDF : 1225.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.639+/-0.433 χ^2/NDF : 3388.6/9

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.559+/-0.023 χ^2/NDF : 264.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.280+/-0.021 χ^2/NDF : 643.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

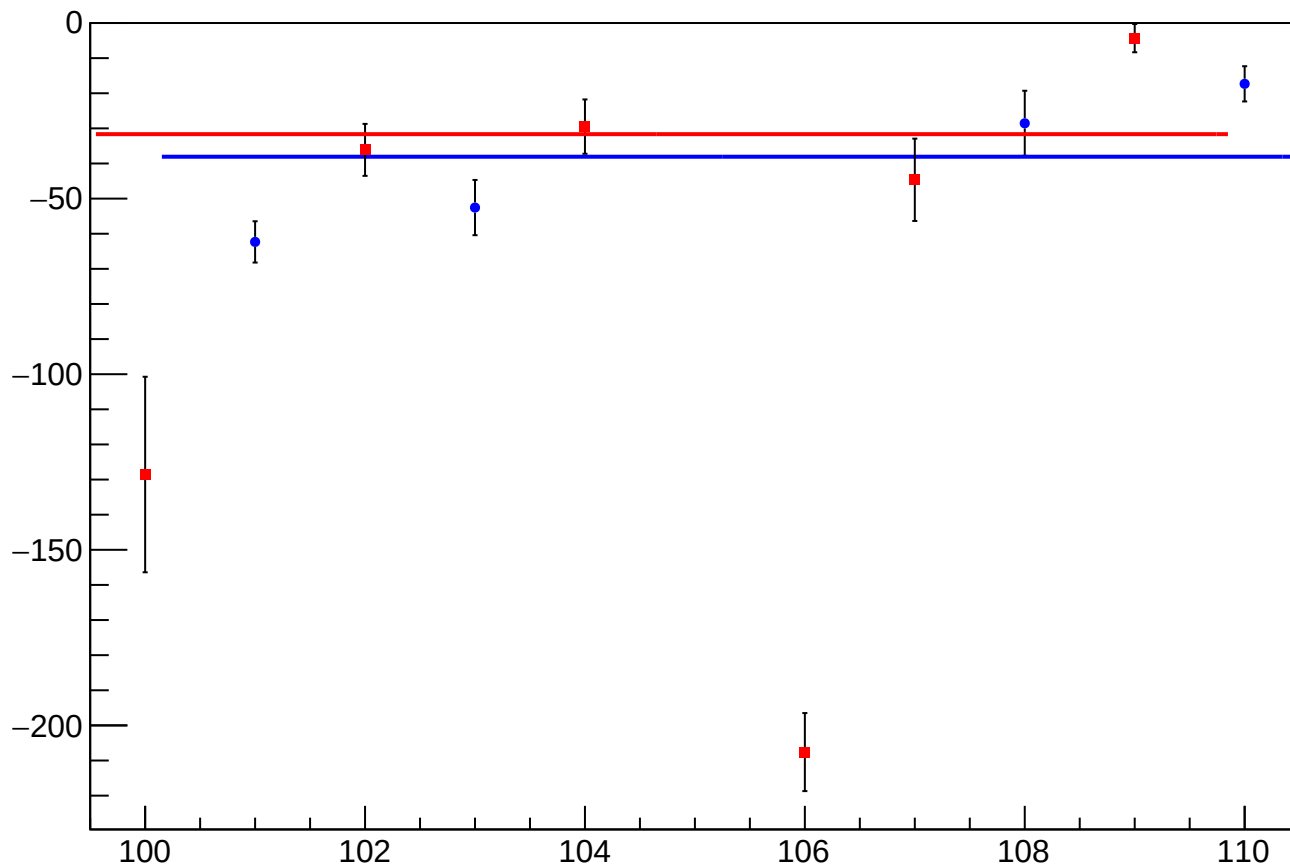
Right: 0.409+/-0.016 χ^2/NDF : 986.2/9

In: 0.559+/-0.023 χ^2/NDF : 264.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.409+/-0.016 χ^2/NDF : 986.2/9

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -38.070+/-3.219 χ^2/NDF : 38.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.649+/-2.968 χ^2/NDF : 310.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

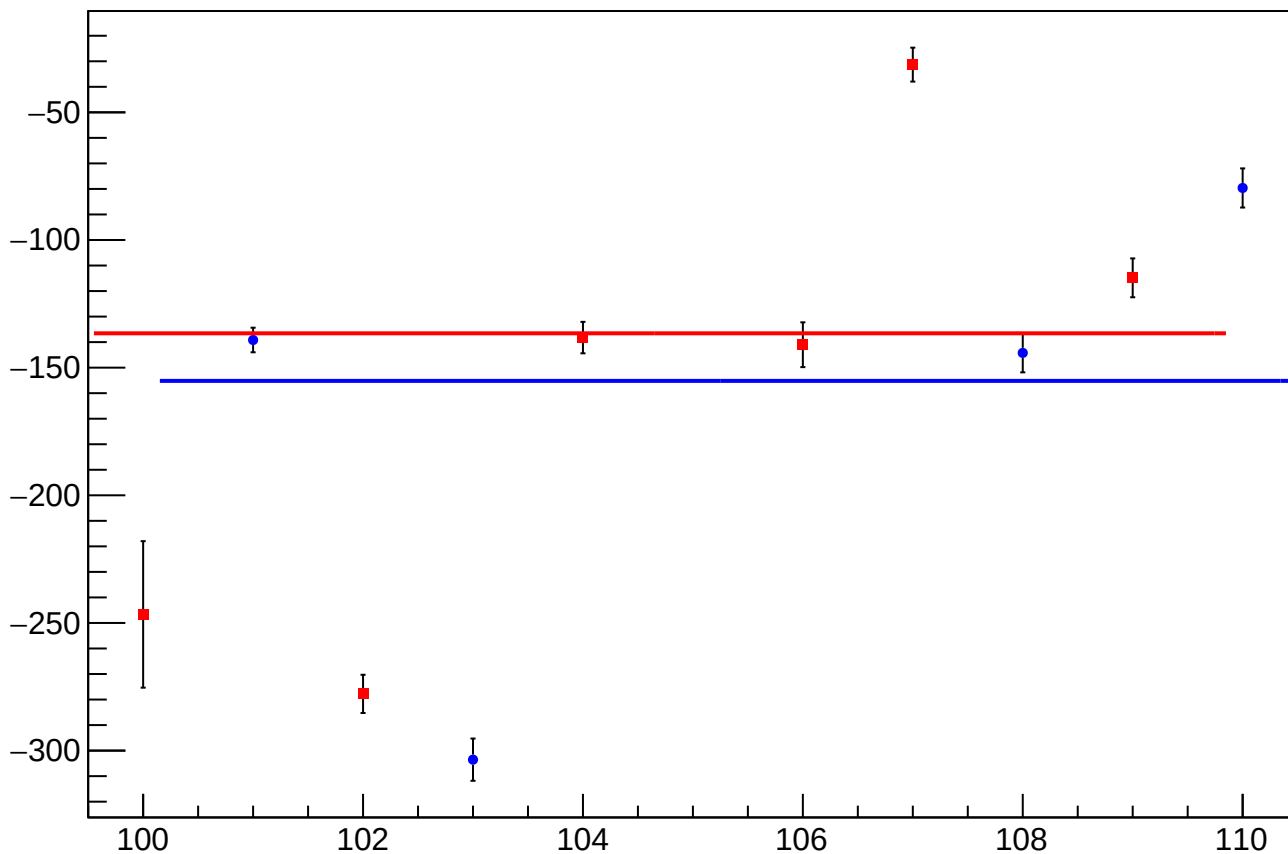
Right: -34.600+/-2.182 χ^2/NDF : 351.5/9

In: -38.070+/-3.219 χ^2/NDF : 38.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.600+/-2.182 χ^2/NDF : 351.5/9

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -155.184+/-3.297 χ^2/NDF : 431.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -136.547+/-3.189 χ^2/NDF : 630.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

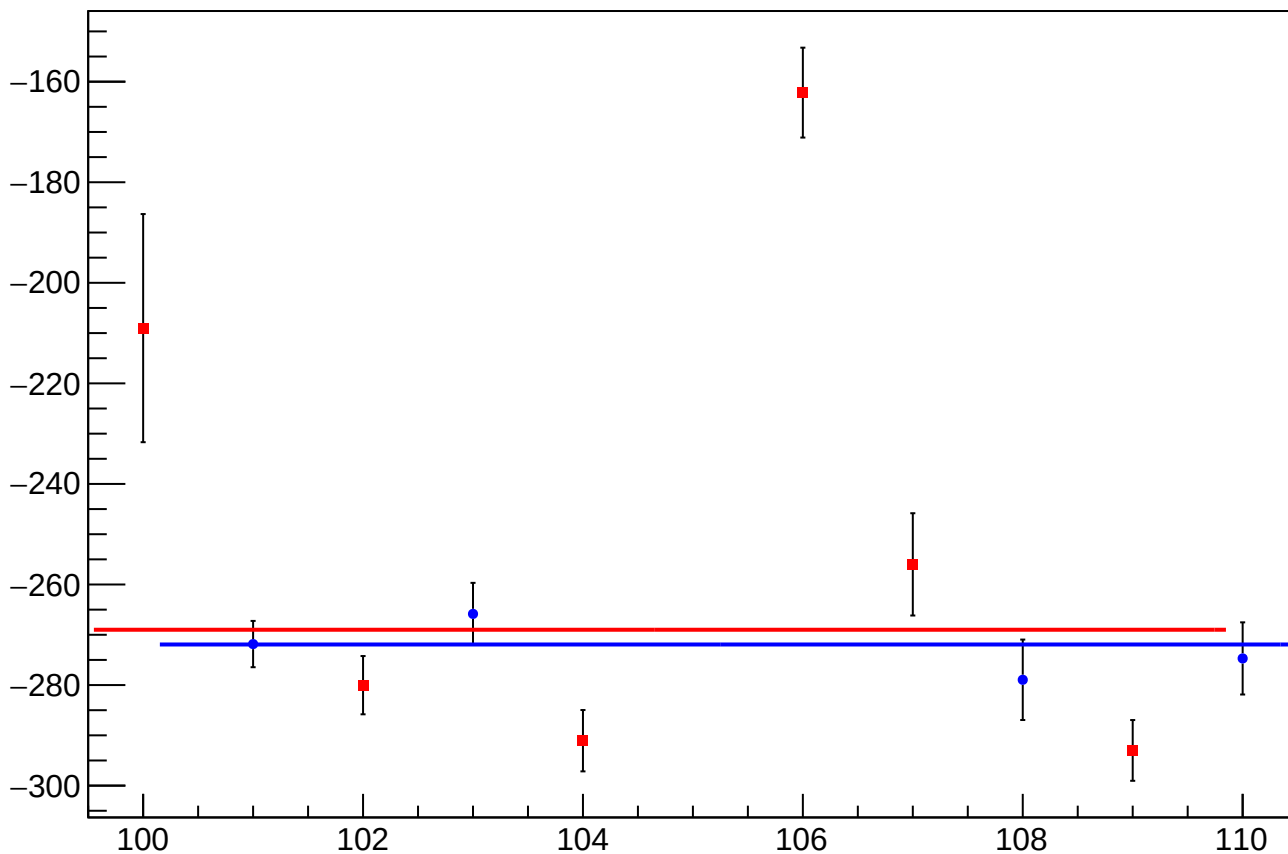
Right: -145.556+/-2.292 χ^2/NDF : 1078.3/9

In: -155.184+/-3.297 χ^2/NDF : 431.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -145.556+/-2.292 χ^2/NDF : 1078.3/9

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -271.931+/-3.036 χ^2/NDF : 1.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -268.999+/-3.040 χ^2/NDF : 183.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

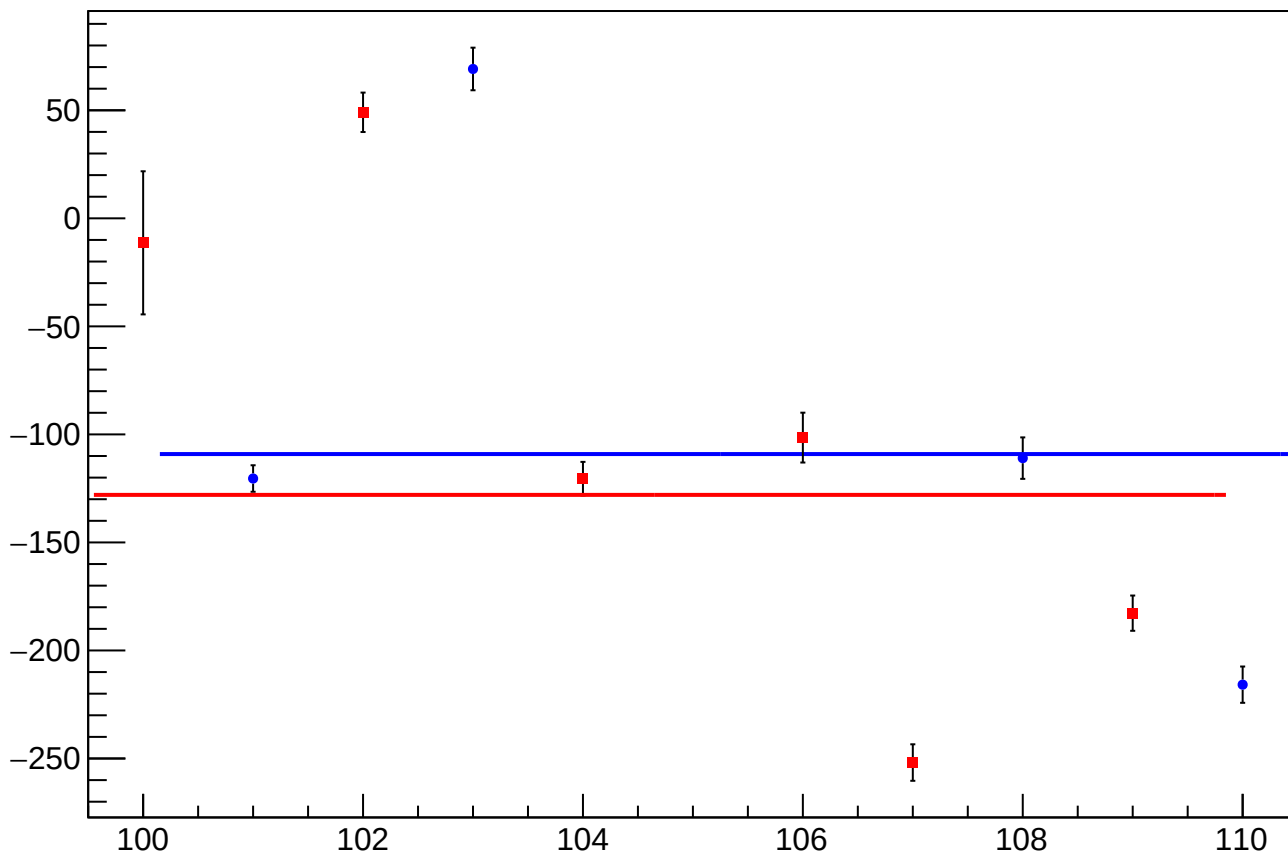
Right: -270.467+/-2.148 χ^2/NDF : 186.3/9

In: -271.931+/-3.036 χ^2/NDF : 1.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -270.467+/-2.148 χ^2/NDF : 186.3/9

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -109.101 ± 4.019 χ^2/NDF : 491.8/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -127.994 ± 3.892 χ^2/NDF : 655.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

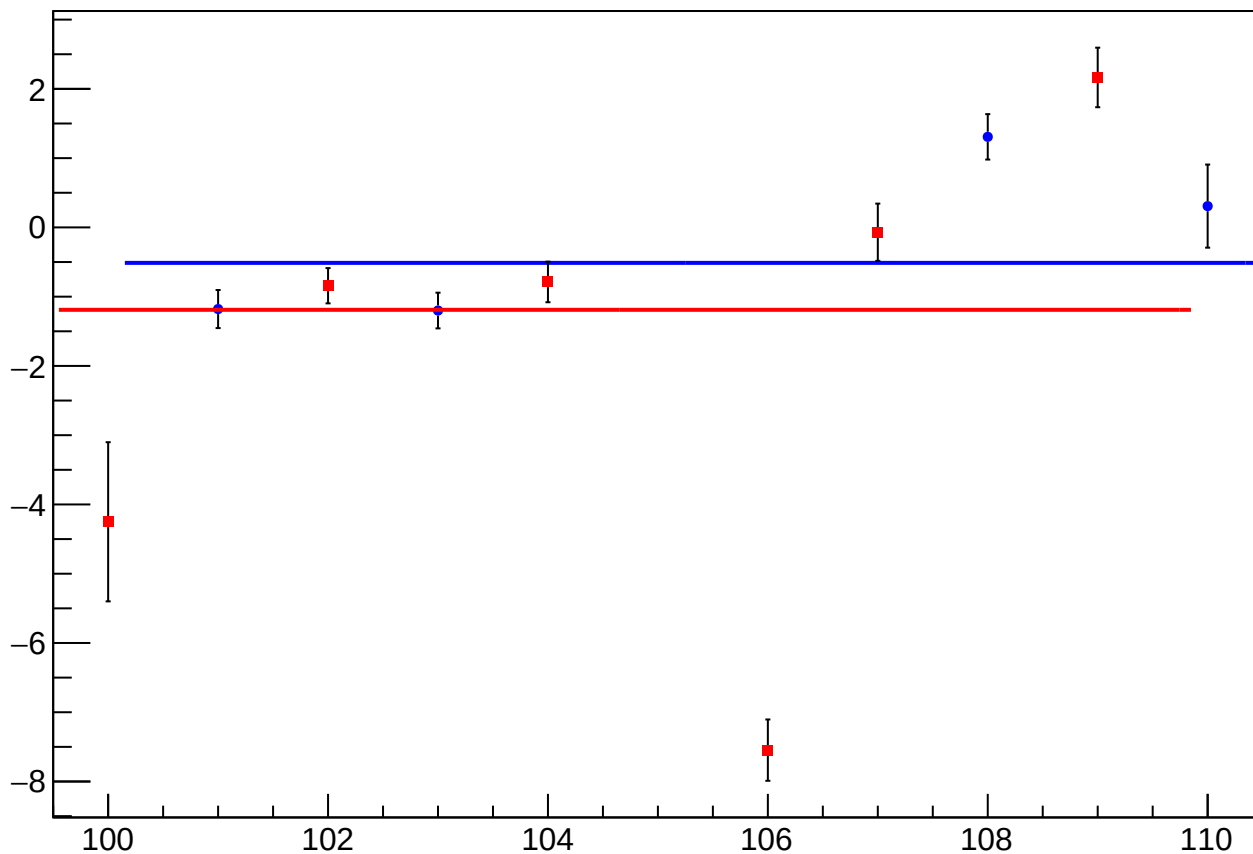
Right: -118.852 ± 2.796 χ^2/NDF : 1158.8/9

In: -109.101 ± 4.019 χ^2/NDF : 491.8/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -118.852 ± 2.796 χ^2/NDF : 1158.8/9

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.512 ± 0.157 $\chi^2/\text{NDF}: 45.7/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.190 ± 0.150 $\chi^2/\text{NDF}: 285.3/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

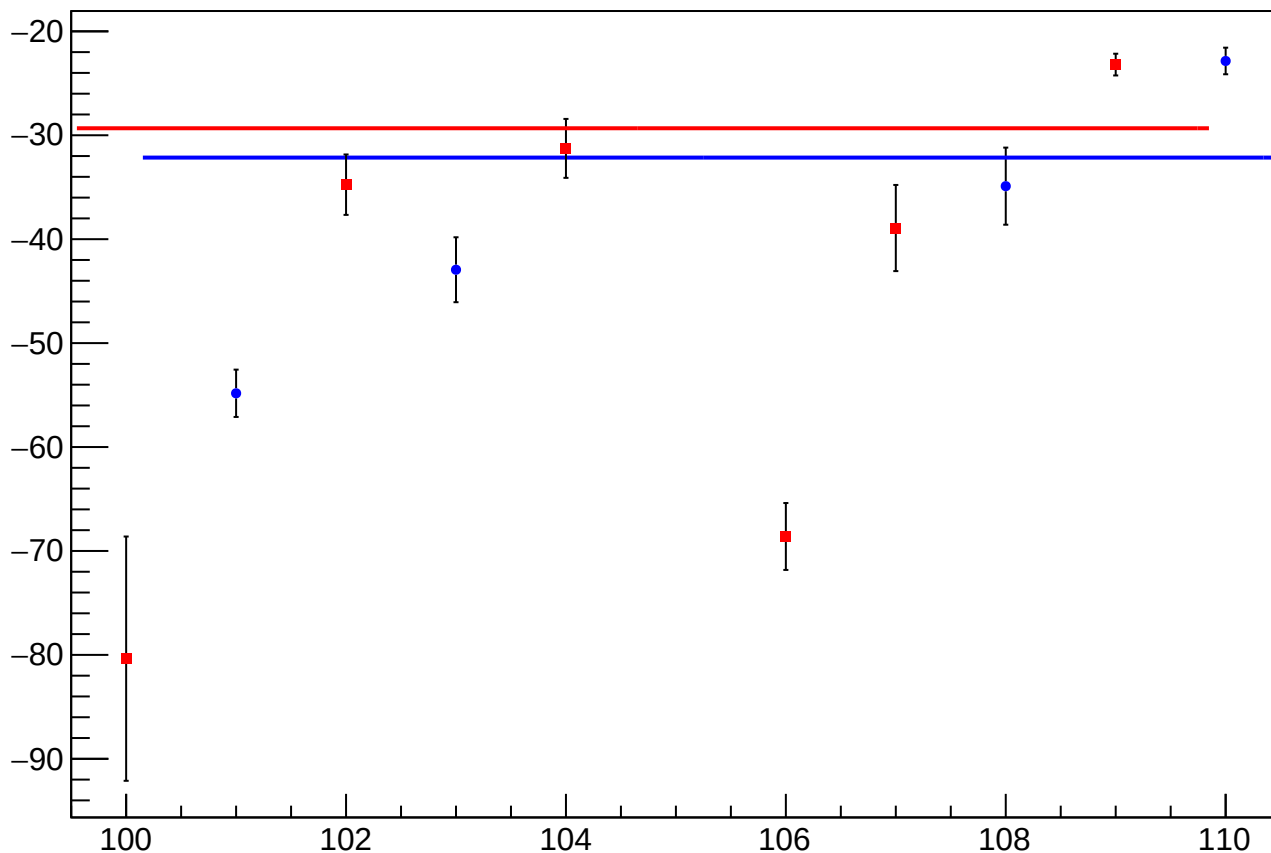
Right: -0.866 ± 0.109 $\chi^2/\text{NDF}: 340.6/9$

In: -0.512 ± 0.157 $\chi^2/\text{NDF}: 45.7/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.866 ± 0.109 $\chi^2/\text{NDF}: 340.6/9$

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.148 ± 1.011 χ^2/NDF : 164.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.326 ± 0.871 χ^2/NDF : 211.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

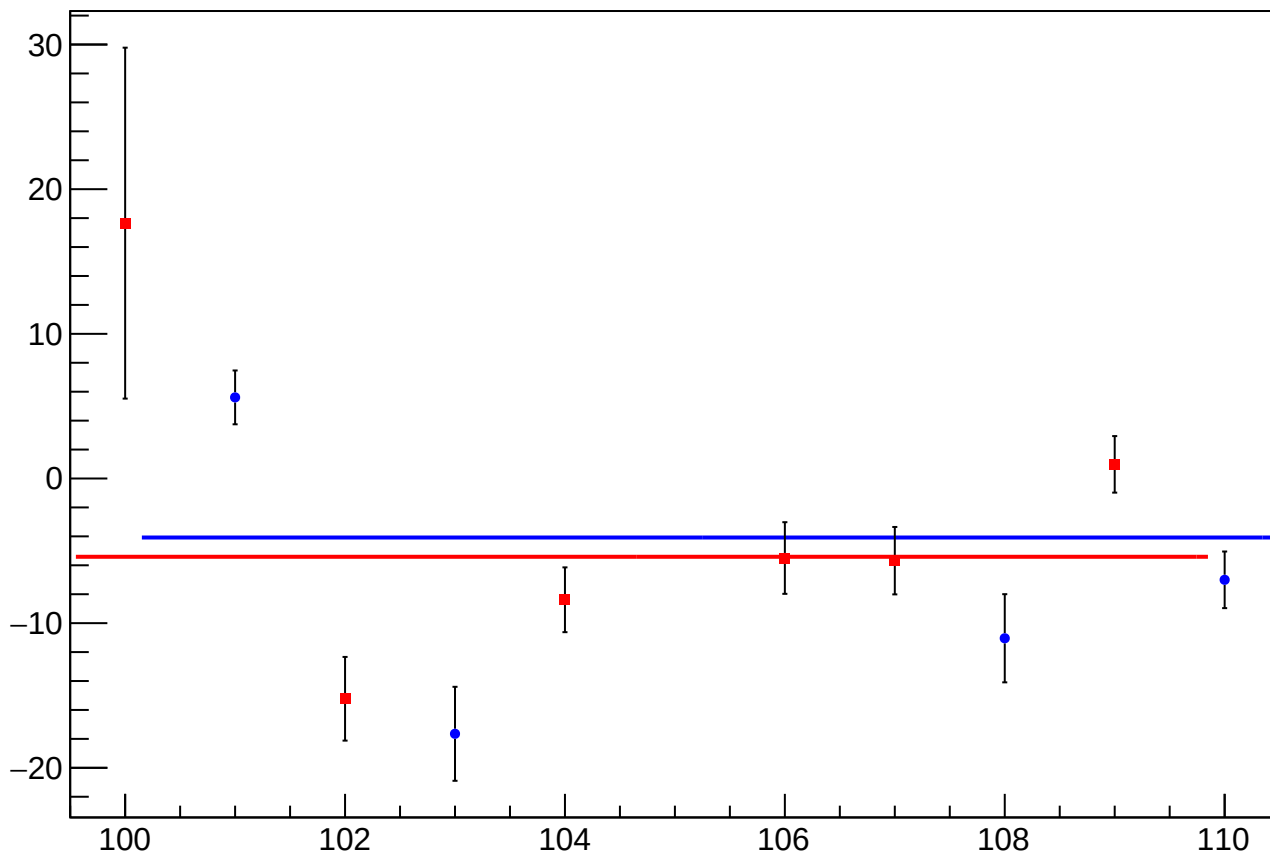
Right: -30.528 ± 0.660 χ^2/NDF : 380.4/9

In: -32.148 ± 1.011 χ^2/NDF : 164.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.528 ± 0.660 χ^2/NDF : 380.4/9

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.079+/-1.153 χ^2/NDF : 52.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.411+/-1.034 χ^2/NDF : 27.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

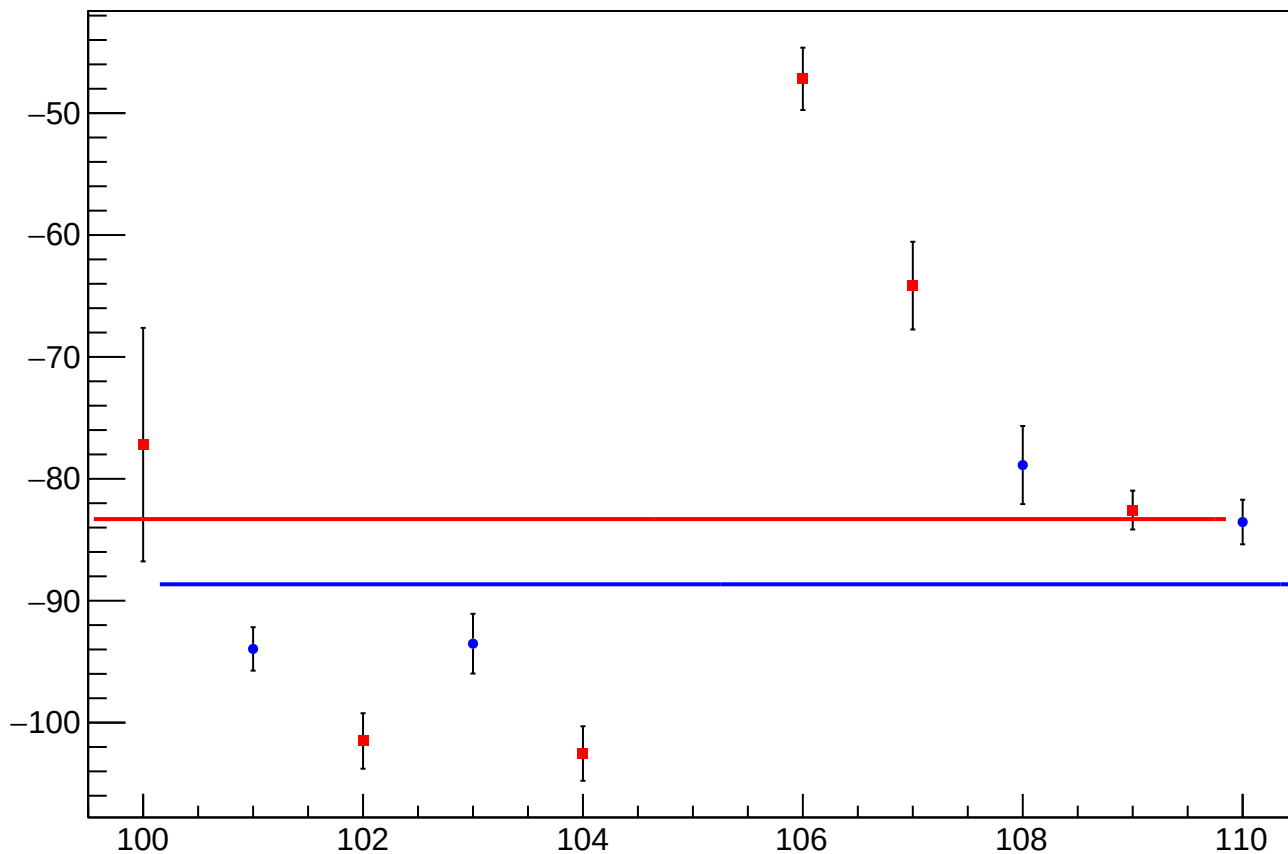
Right: -4.817+/-0.770 χ^2/NDF : 80.4/9

In: -4.079+/-1.153 χ^2/NDF : 52.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.817+/-0.770 χ^2/NDF : 80.4/9

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -88.653+/-1.068 χ^2/NDF : 29.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.303+/-0.986 χ^2/NDF : 366.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

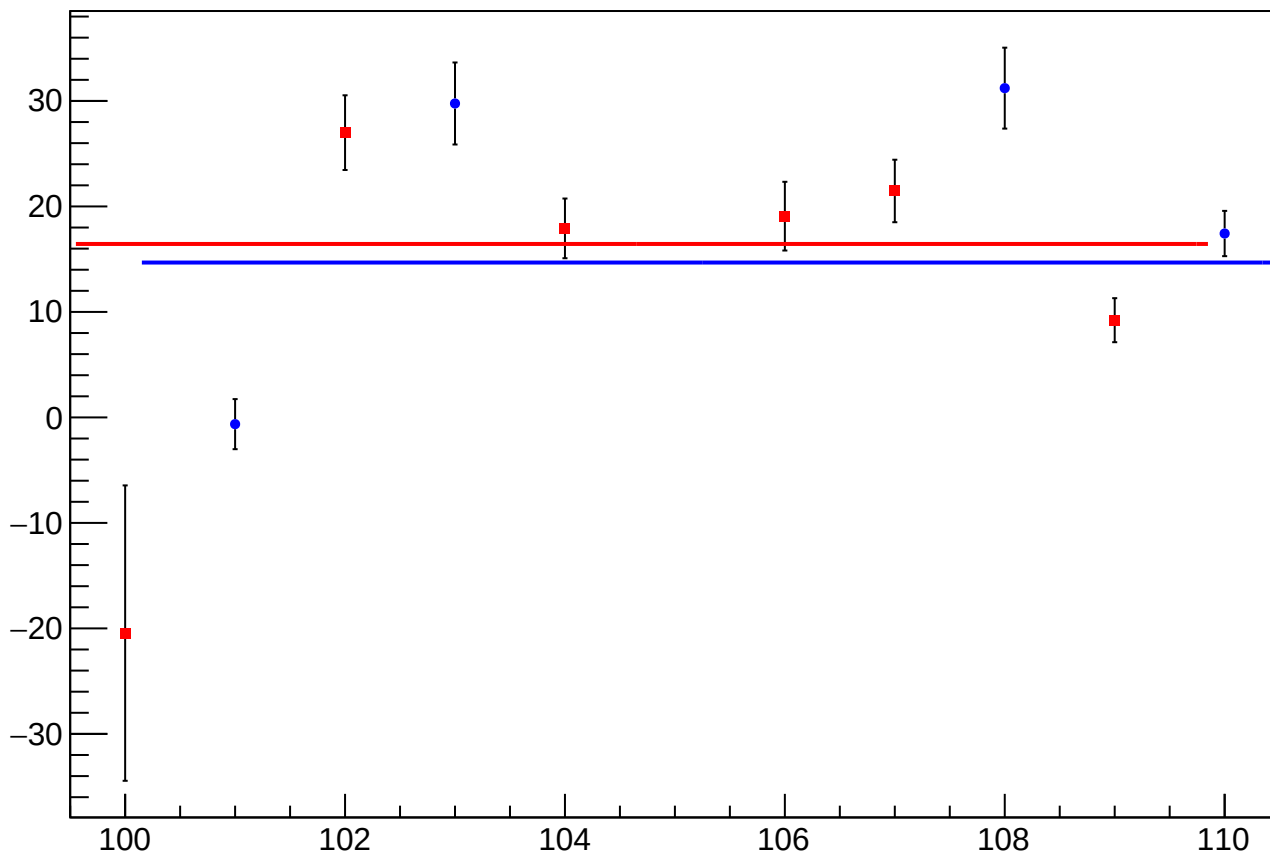
Right: -85.767+/-0.724 χ^2/NDF : 409.7/9

In: -88.653+/-1.068 χ^2/NDF : 29.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.767+/-0.724 χ^2/NDF : 409.7/9

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.682 $\pm$ 1.375 χ^2 /NDF: 76.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.443 $\pm$ 1.243 χ^2 /NDF: 31.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

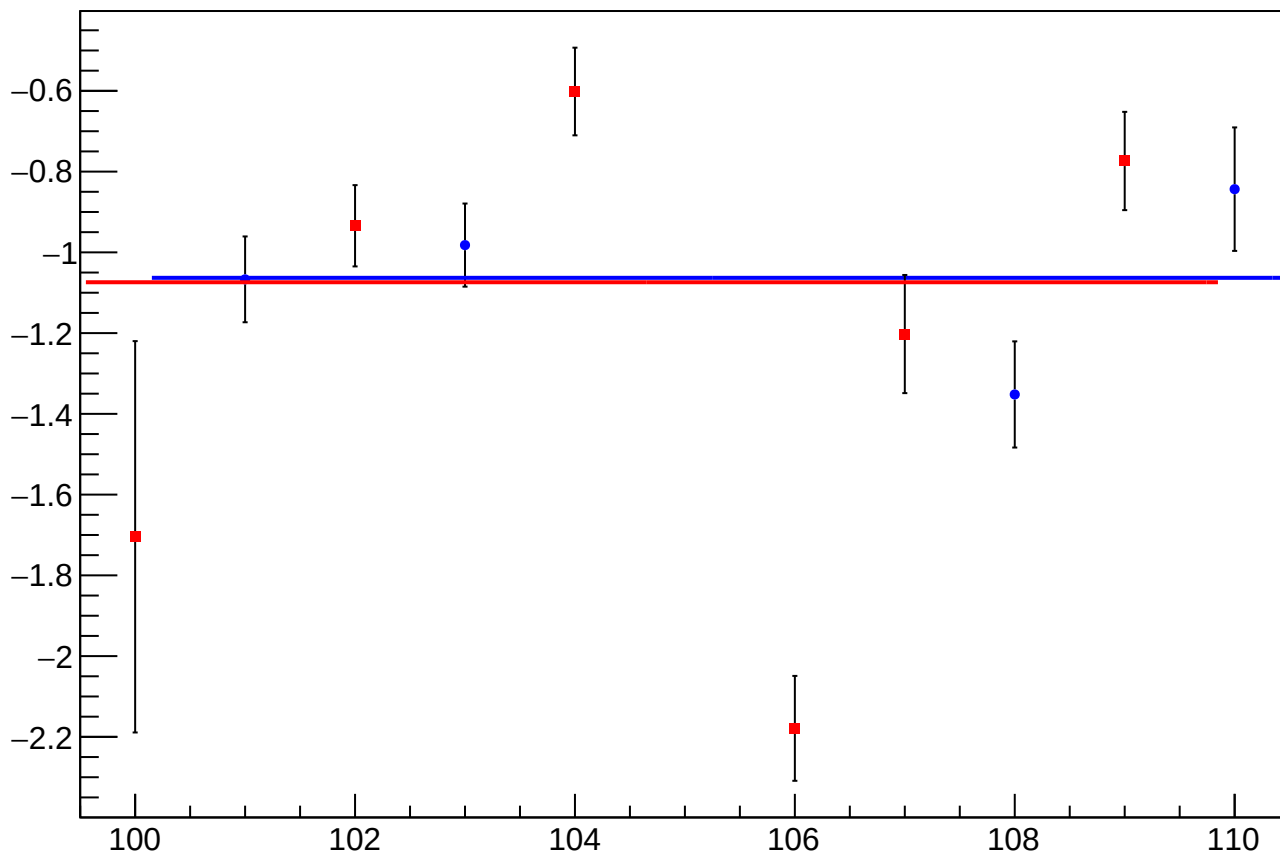
Right: 15.651 $\pm$ 0.922 χ^2 /NDF: 109.4/9

In: 14.682 $\pm$ 1.375 χ^2 /NDF:76.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.651 $\pm$ 0.922 χ^2 /NDF: 109.4/9

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.063+/-0.059 χ^2/NDF : 7.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.074+/-0.053 χ^2/NDF : 101.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

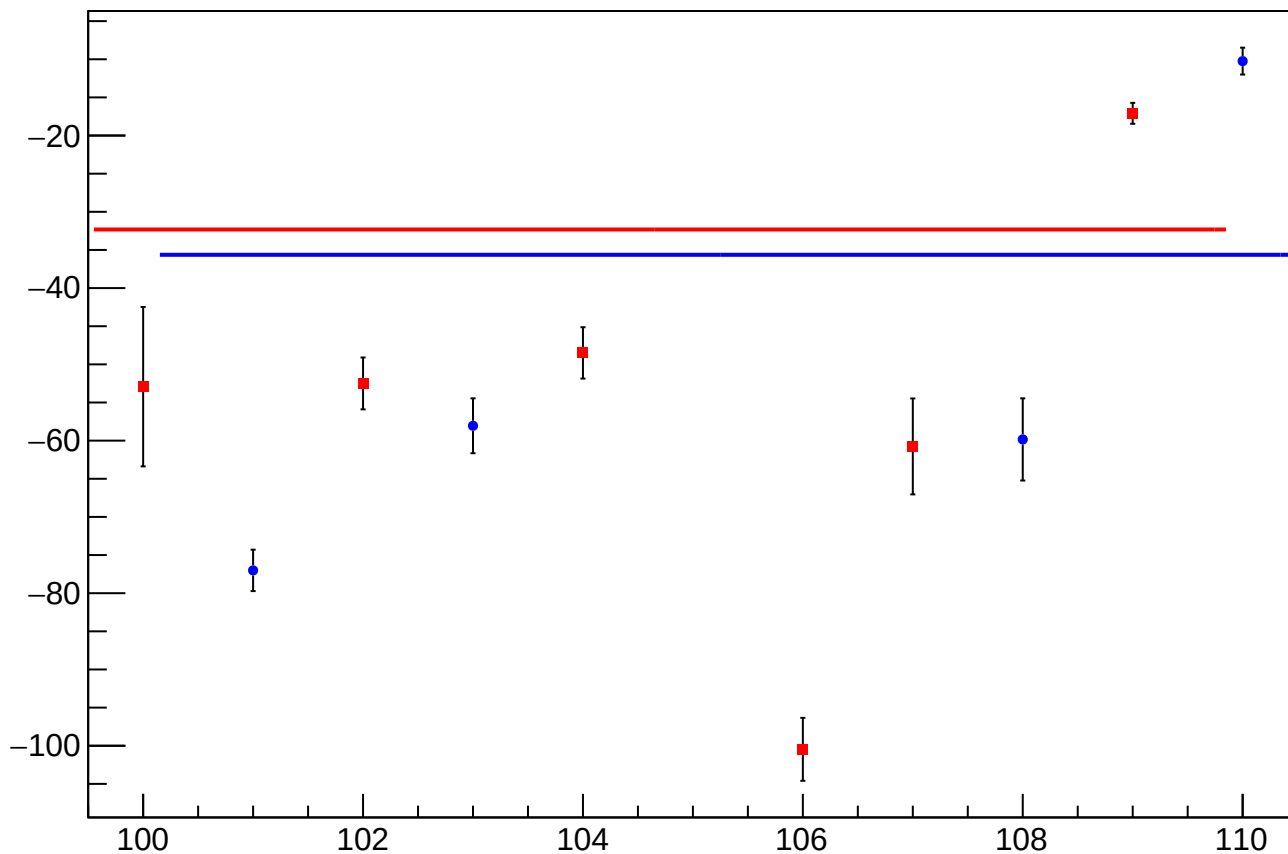
Right: -1.069+/-0.039 χ^2/NDF : 109.3/9

In: -1.063+/-0.059 χ^2/NDF : 7.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.069+/-0.039 χ^2/NDF : 109.3/9

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.636 ± 1.325 $\chi^2/\text{NDF}: 499.3/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -32.319 ± 1.119 $\chi^2/\text{NDF}: 478.7/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

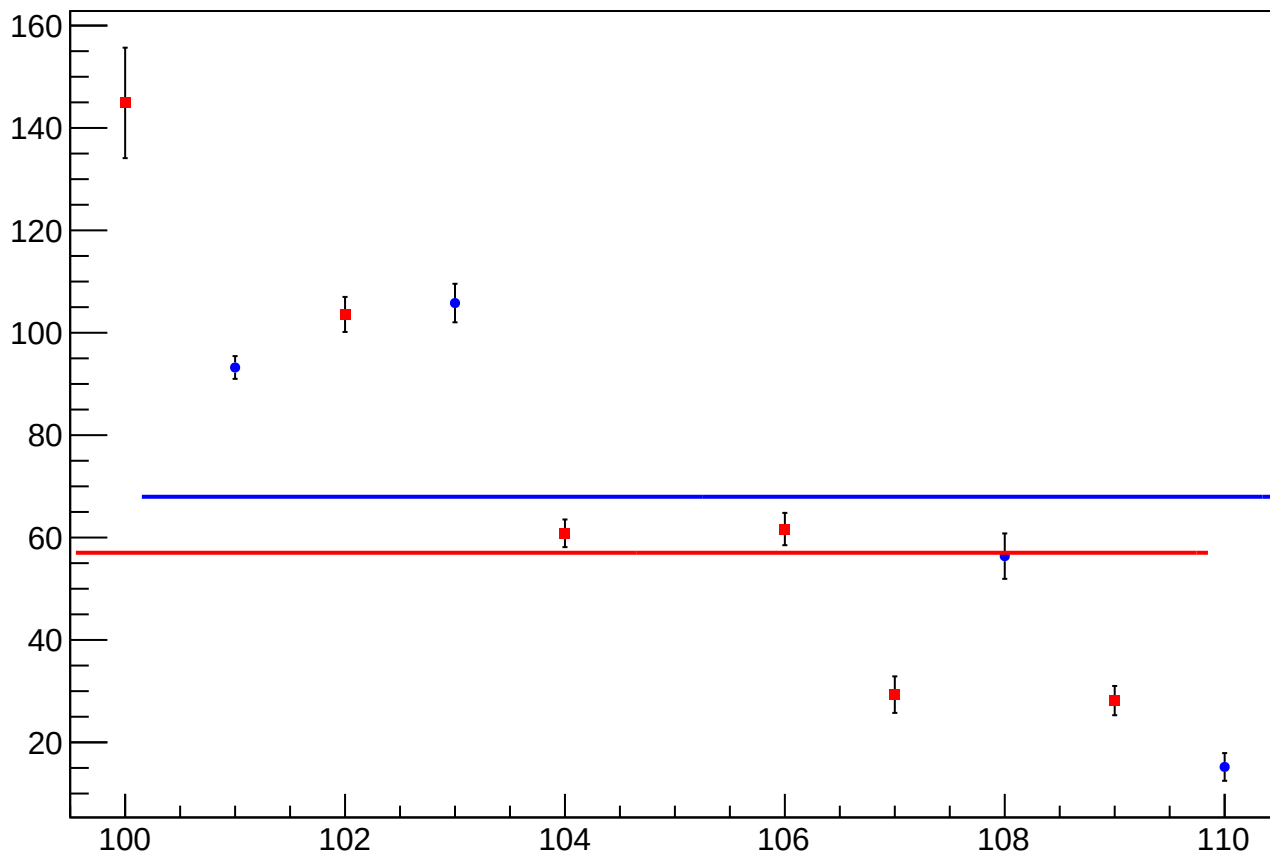
Right: -33.700 ± 0.855 $\chi^2/\text{NDF}: 981.6/9$

In: -35.636 ± 1.325 $\chi^2/\text{NDF}: 499.3/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -33.700 ± 0.855 $\chi^2/\text{NDF}: 981.6/9$

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 67.966+/-1.473 χ^2/NDF : 617.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.031+/-1.370 χ^2/NDF : 418.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

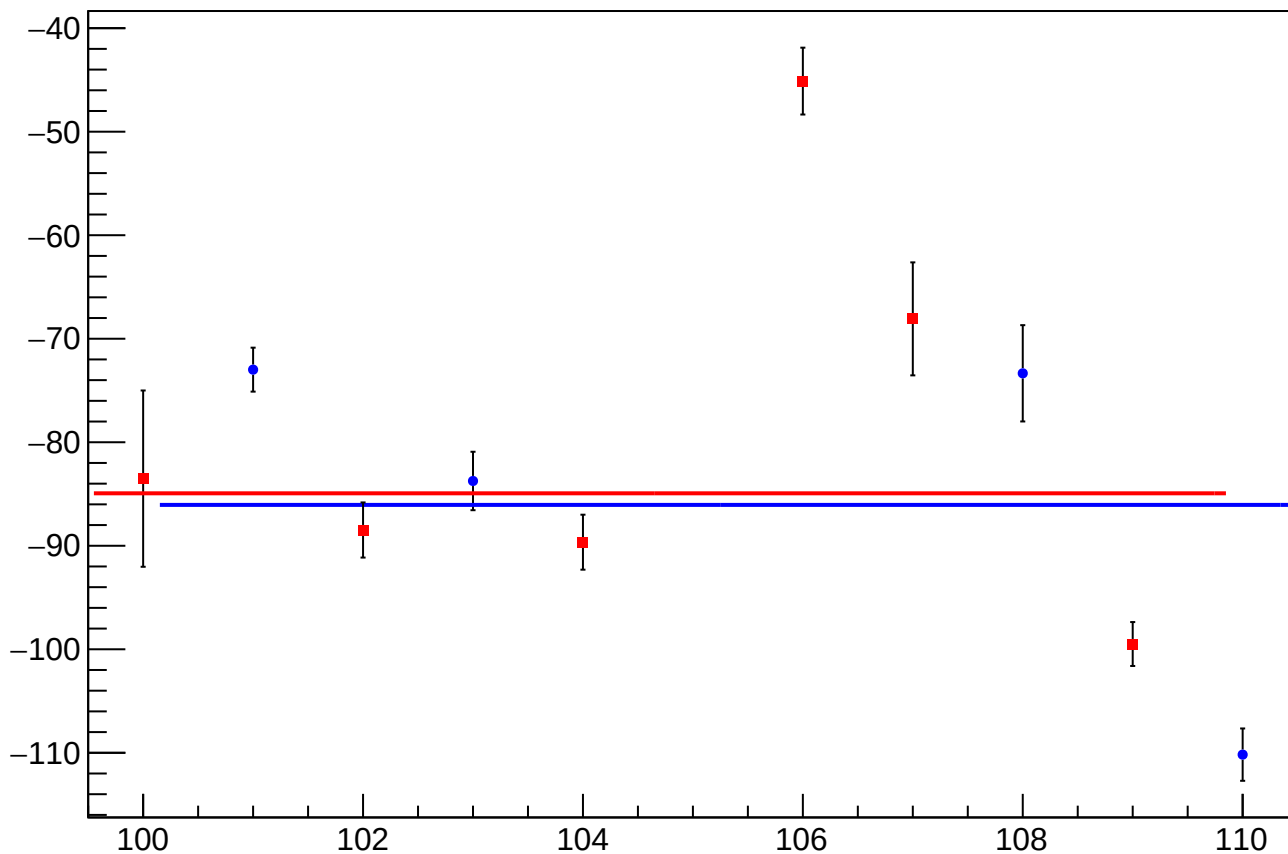
Right: 62.105+/-1.003 χ^2/NDF : 1065.2/9

In: 67.966+/-1.473 χ^2/NDF : 617.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.105+/-1.003 χ^2/NDF : 1065.2/9

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -86.052+/-1.348 χ^2/NDF : 137.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.933+/-1.242 χ^2/NDF : 213.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

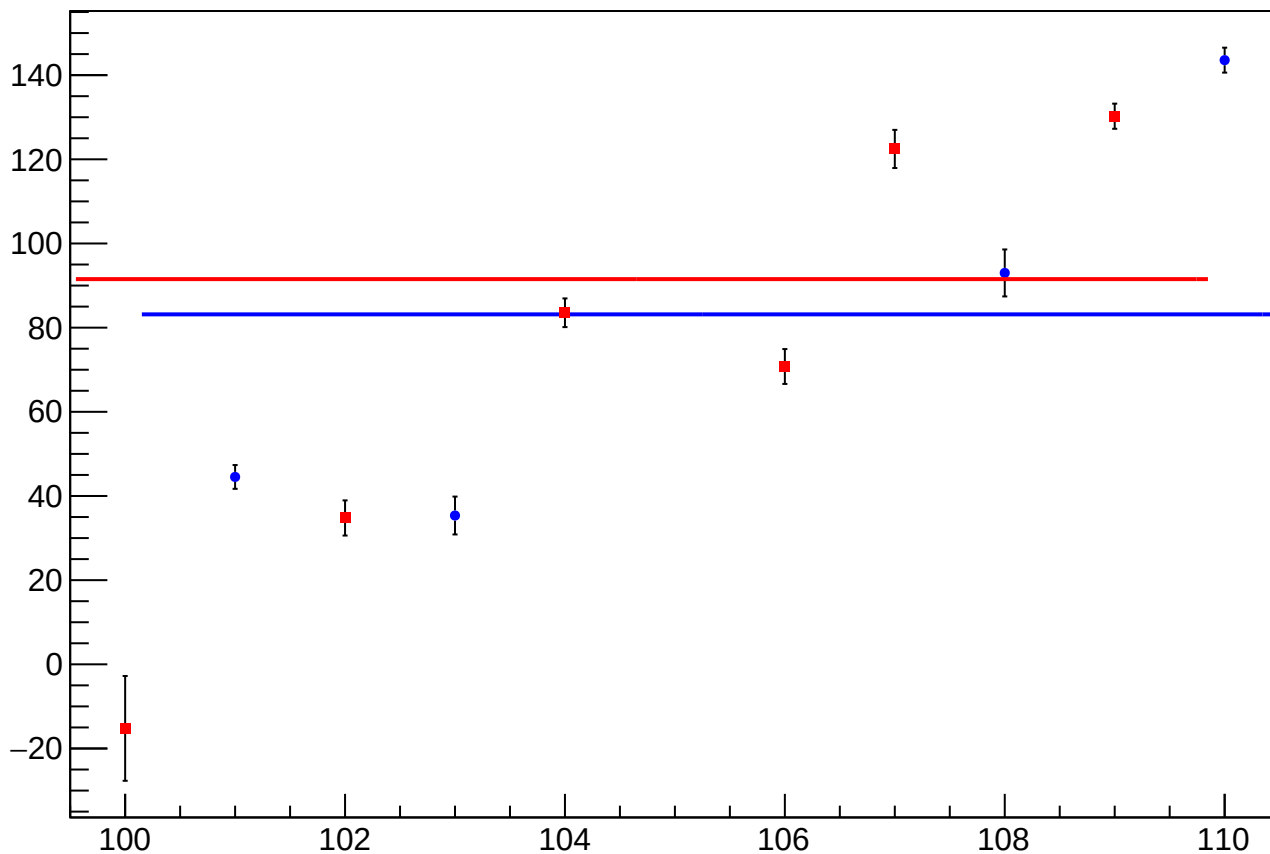
Right: -85.447+/-0.913 χ^2/NDF : 351.1/9

In: -86.052+/-1.348 χ^2/NDF : 137.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.447+/-0.913 χ^2/NDF : 351.1/9

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 83.156+/-1.767 χ^2/NDF : 718.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.531+/-1.647 χ^2/NDF : 503.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

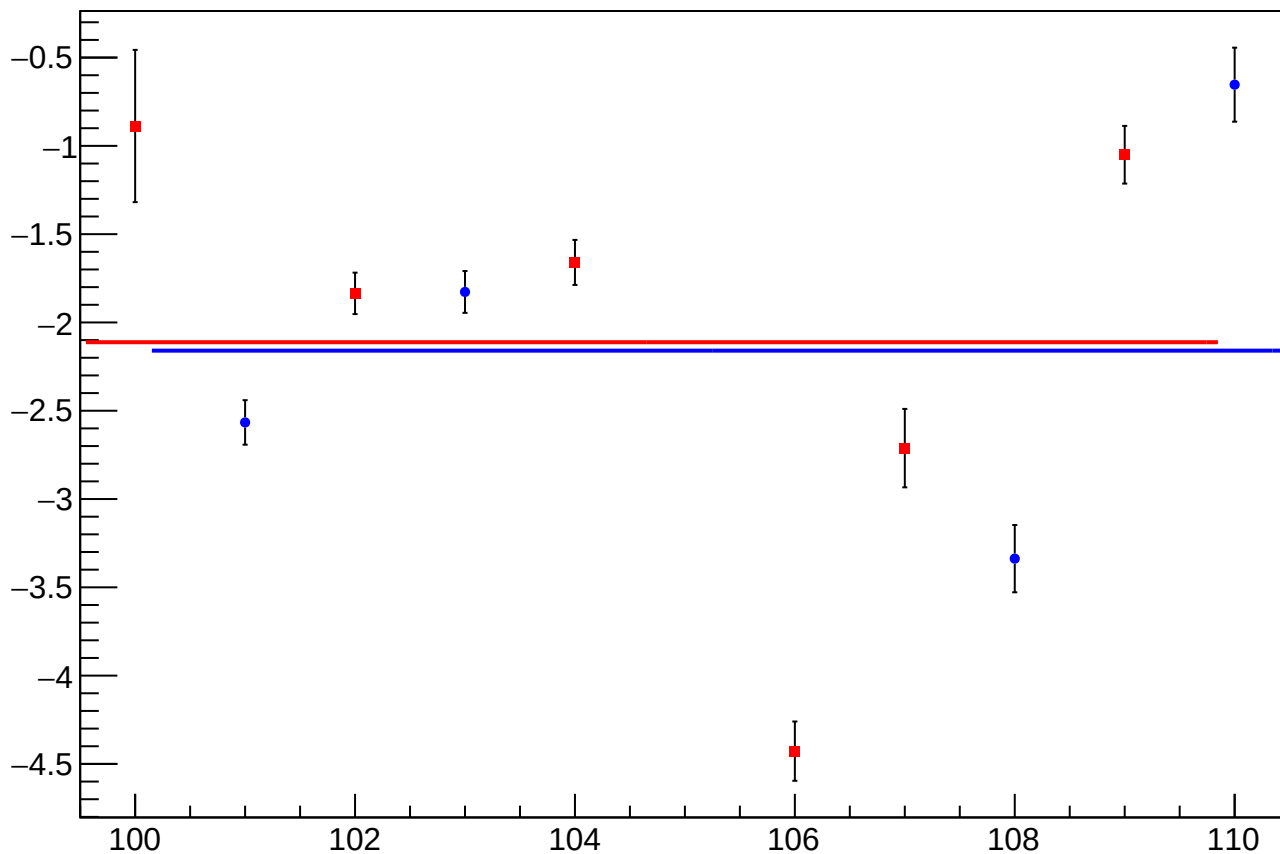
Right: 87.637+/-1.205 χ^2/NDF : 1233.3/9

In: 83.156+/-1.767 χ^2/NDF : 718.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.637+/-1.205 χ^2/NDF : 1233.3/9

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -2.160 ± 0.074 χ^2/NDF : 108.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.112 ± 0.066 χ^2/NDF : 266.0/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

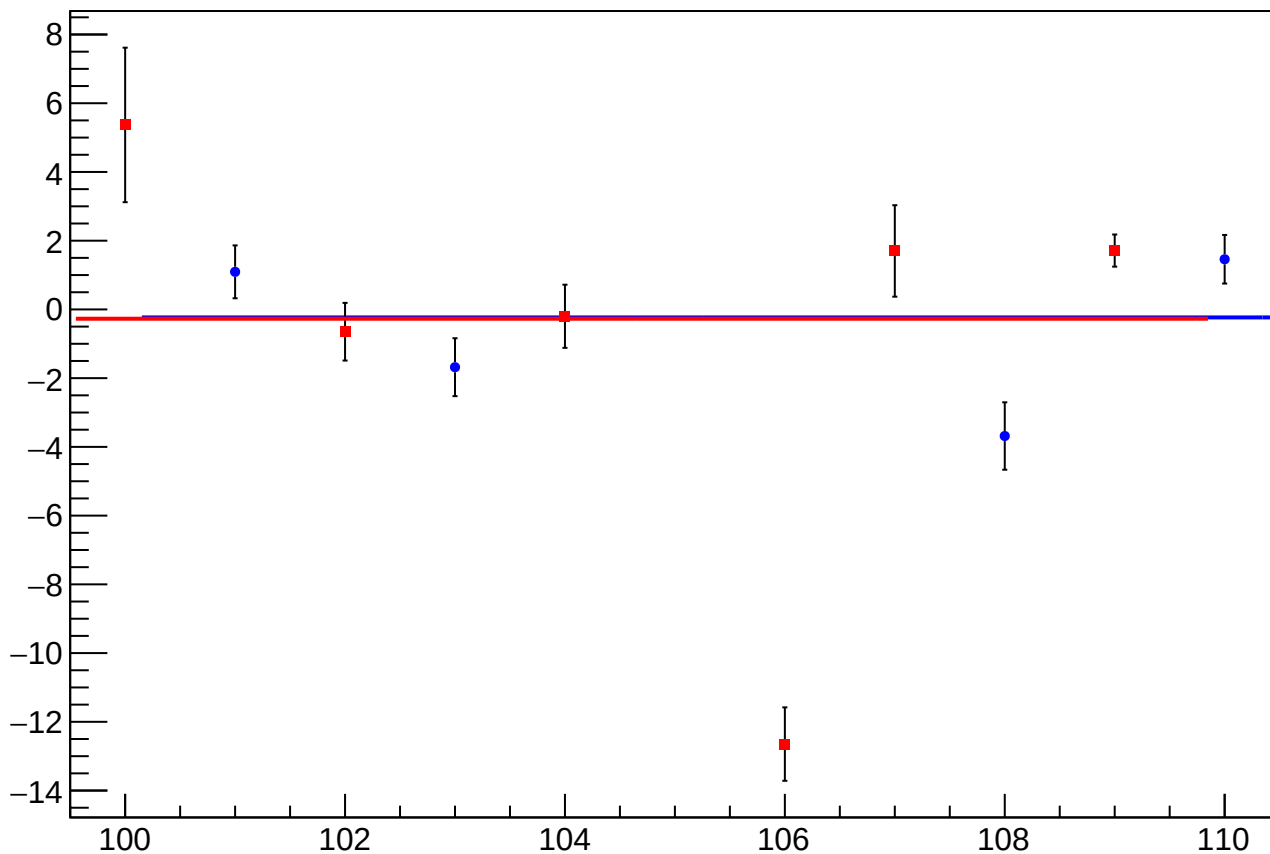
Right: -2.133 ± 0.049 χ^2/NDF : 374.3/9

In: -2.160 ± 0.074 χ^2/NDF : 108.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.133 ± 0.049 χ^2/NDF : 374.3/9

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.233+/-0.404 χ^2 /NDF: 24.0/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.270+/-0.337 χ^2 /NDF: 160.9/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

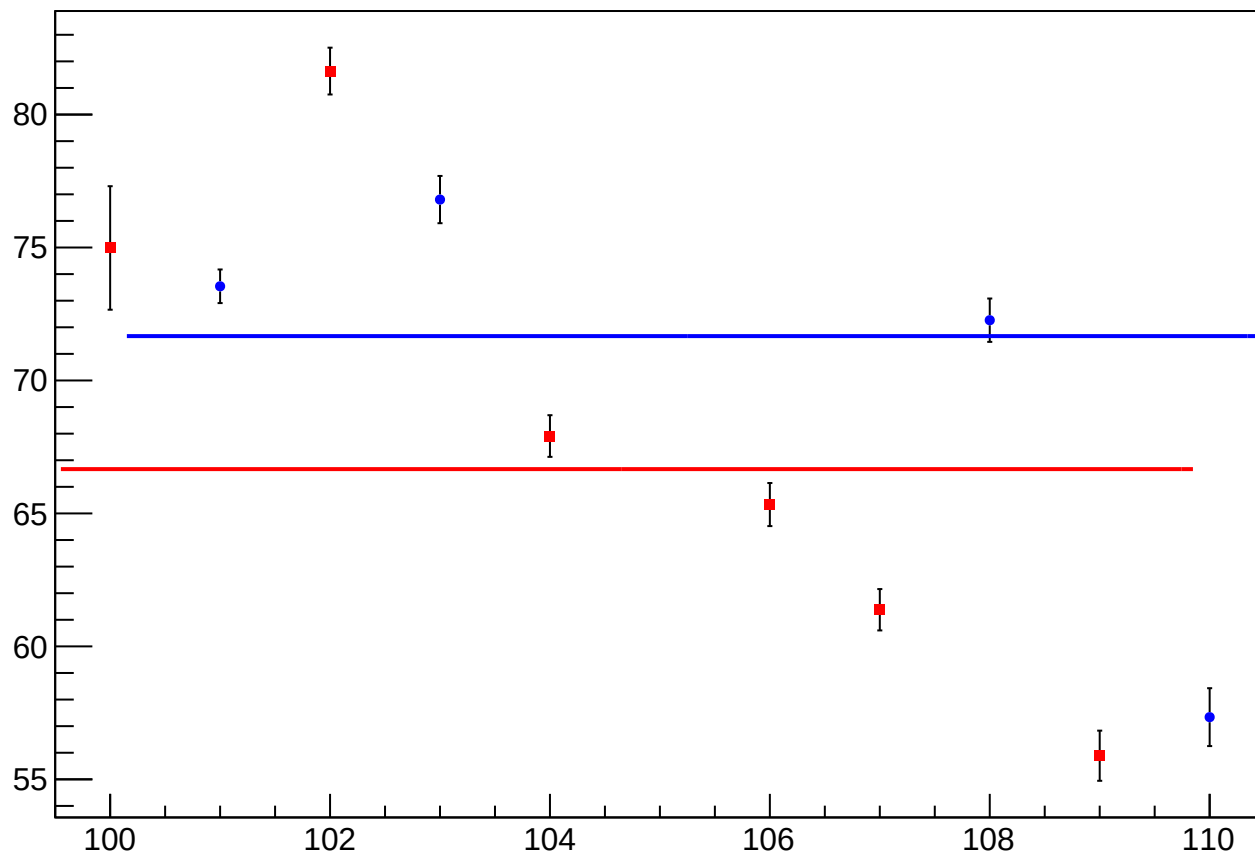
Right: -0.255+/-0.259 χ^2 /NDF: 184.9/9

In: -0.233+/-0.404 χ^2 /NDF:24.0/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.255+/-0.259 χ^2 /NDF: 184.9/9

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 71.668 $\pm$ 0.404 χ^2 /NDF: 216.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.666 $\pm$ 0.367 χ^2 /NDF: 484.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

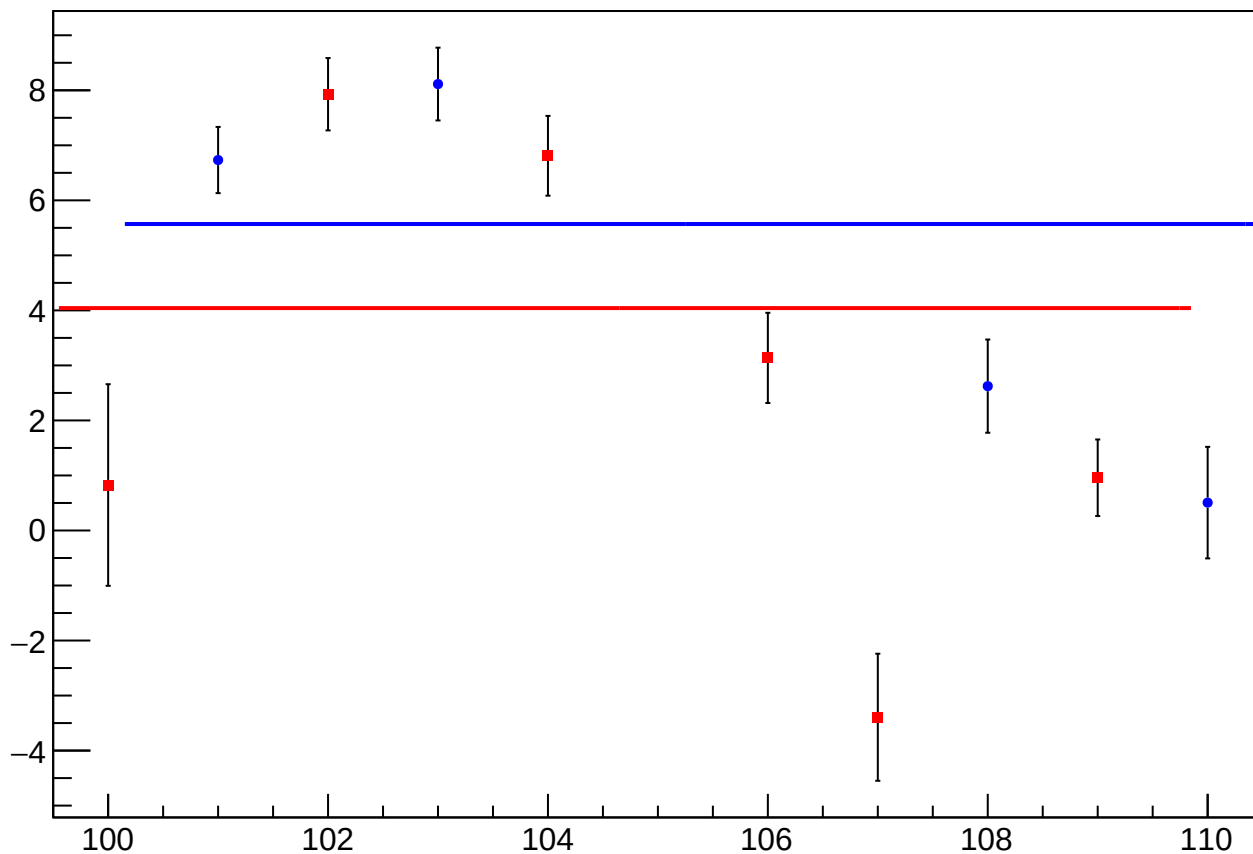
Right: 68.929 $\pm$ 0.272 χ^2 /NDF: 784.0/9

In: 71.668 $\pm$ 0.404 χ^2 /NDF: 216.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.929 $\pm$ 0.272 χ^2 /NDF: 784.0/9

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.570+/-0.367 χ^2/NDF : 55.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.042+/-0.337 χ^2/NDF : 115.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

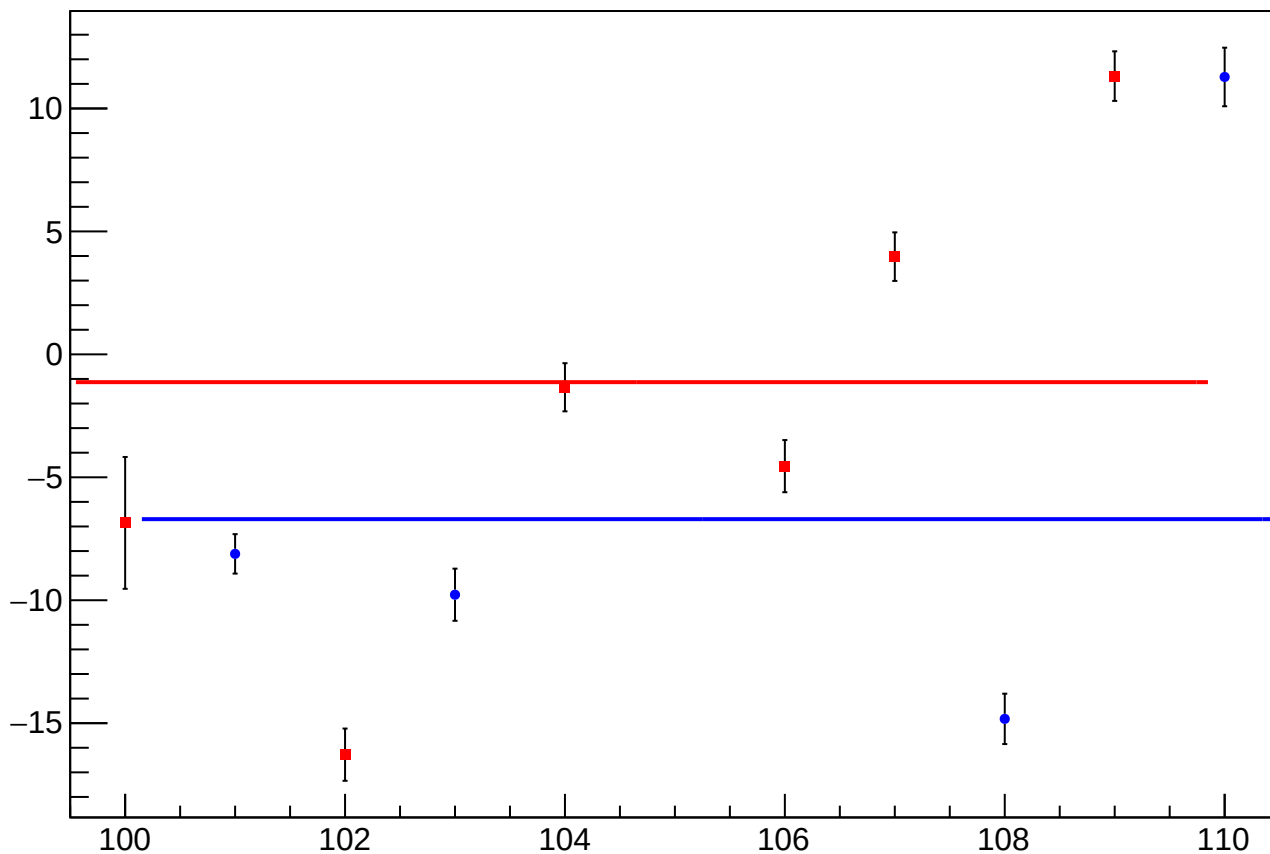
Right: 4.740+/-0.248 χ^2/NDF : 179.9/9

In: 5.570+/-0.367 χ^2/NDF : 55.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.740+/-0.248 χ^2/NDF : 179.9/9

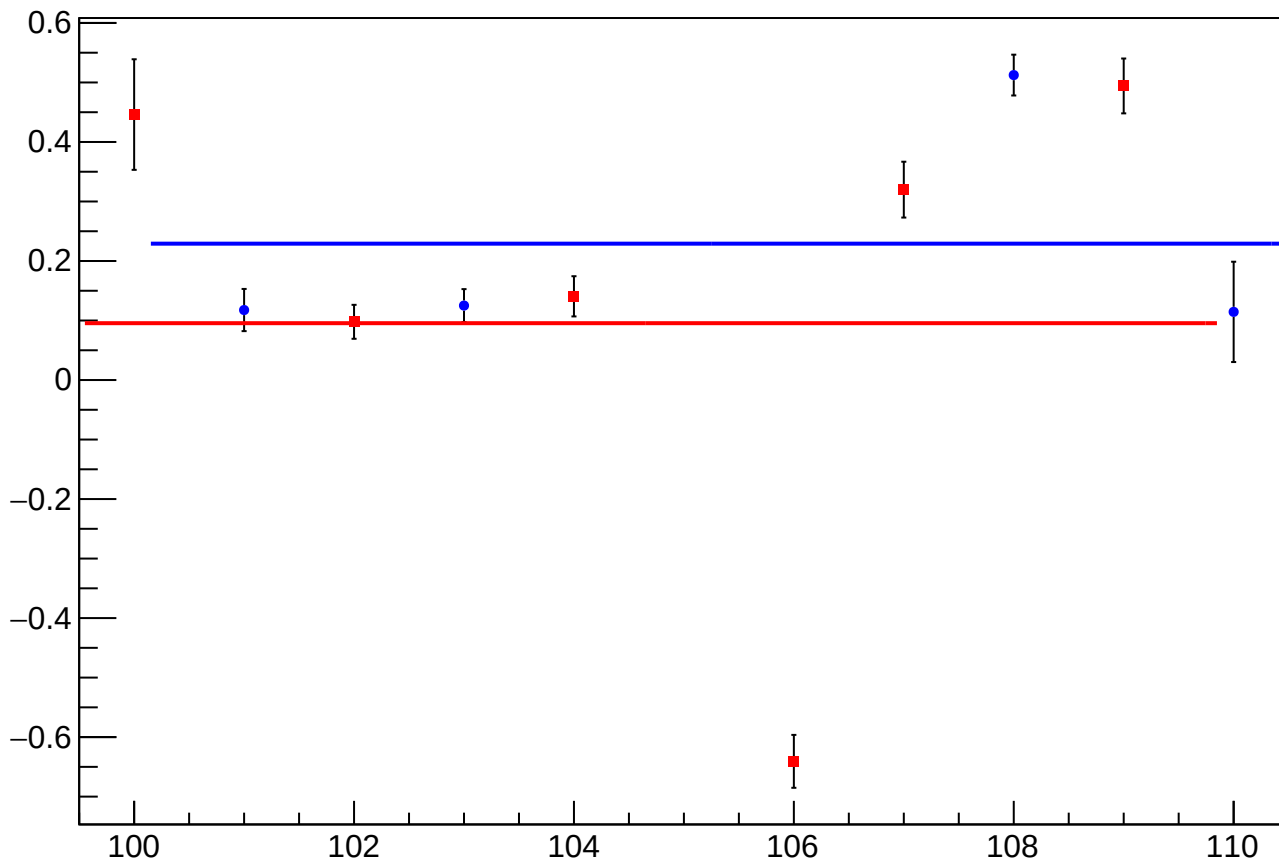
reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -6.703+/-0.494 χ^2/NDF : 302.2/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1.130+/-0.449 χ^2/NDF : 397.4/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.651+/-0.332 χ^2/NDF : 769.3/9
 In: -6.703+/-0.494 χ^2/NDF : 302.2/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.651+/-0.332 χ^2/NDF : 769.3/9

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.229+/-0.018 χ^2/NDF : 94.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.096+/-0.017 χ^2/NDF : 388.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

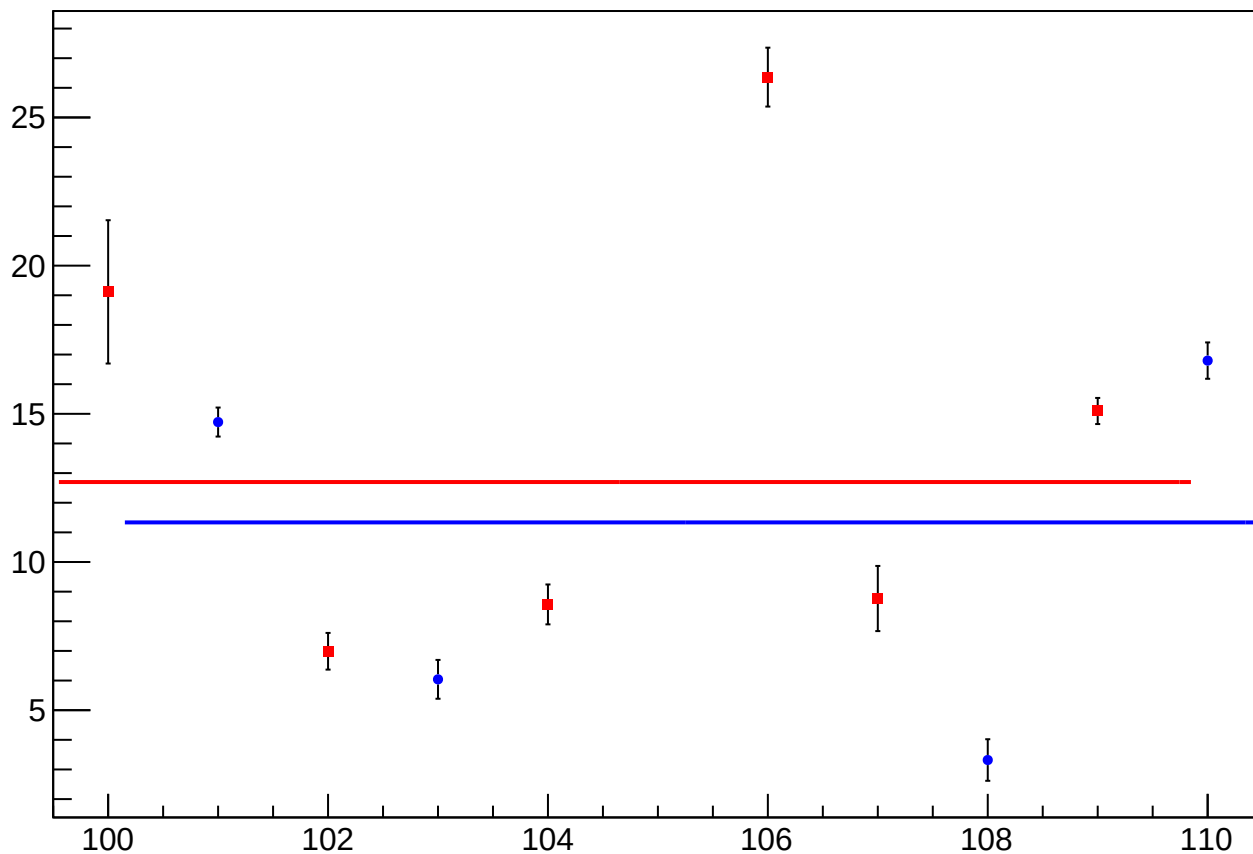
Right: 0.157+/-0.012 χ^2/NDF : 512.2/9

In: 0.229+/-0.018 χ^2/NDF : 94.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.157+/-0.012 χ^2/NDF : 512.2/9

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 11.336+/-0.299 χ^2/NDF : 323.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.699+/-0.289 χ^2/NDF : 361.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

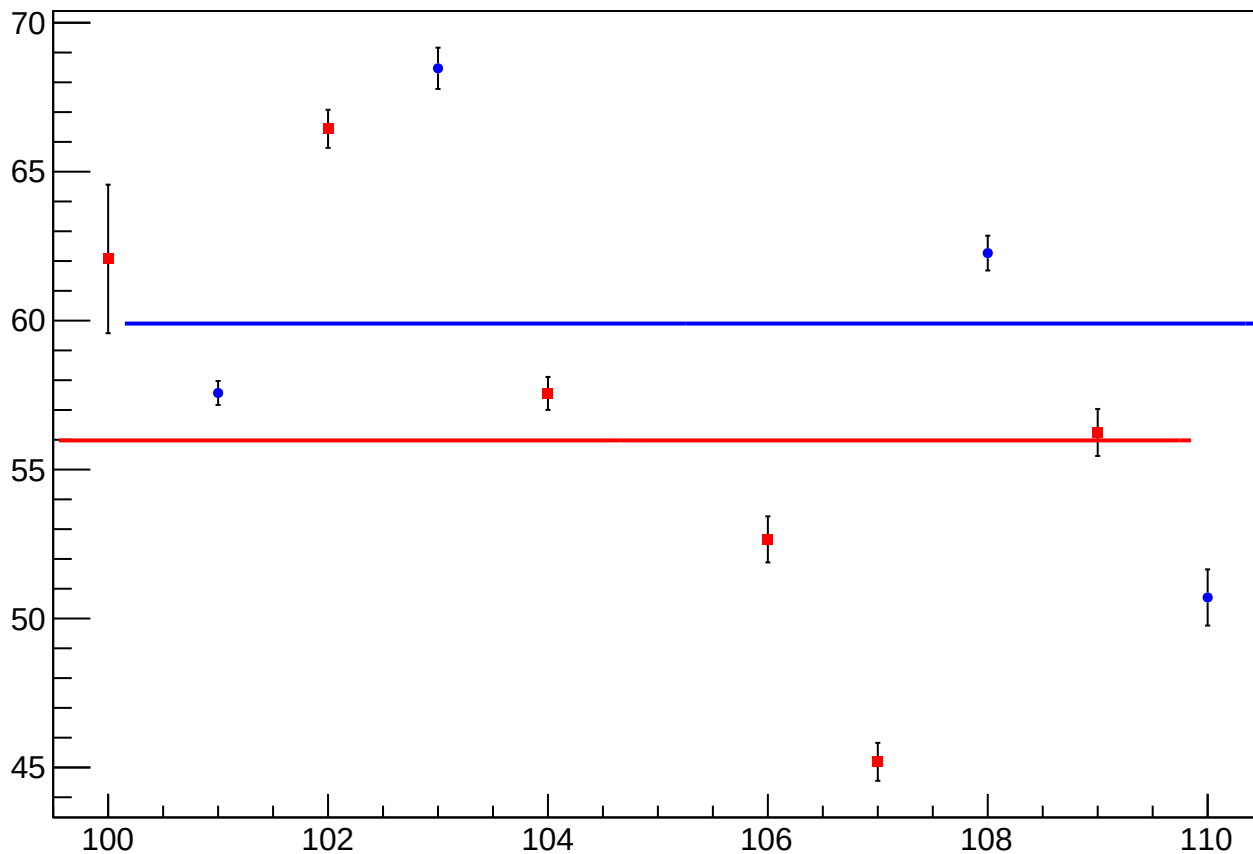
Right: 12.041+/-0.208 χ^2/NDF : 695.0/9

In: 11.336+/-0.299 χ^2/NDF : 323.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.041+/-0.208 χ^2/NDF : 695.0/9

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 59.902+/-0.285 χ^2/NDF : 297.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.980+/-0.293 χ^2/NDF : 587.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

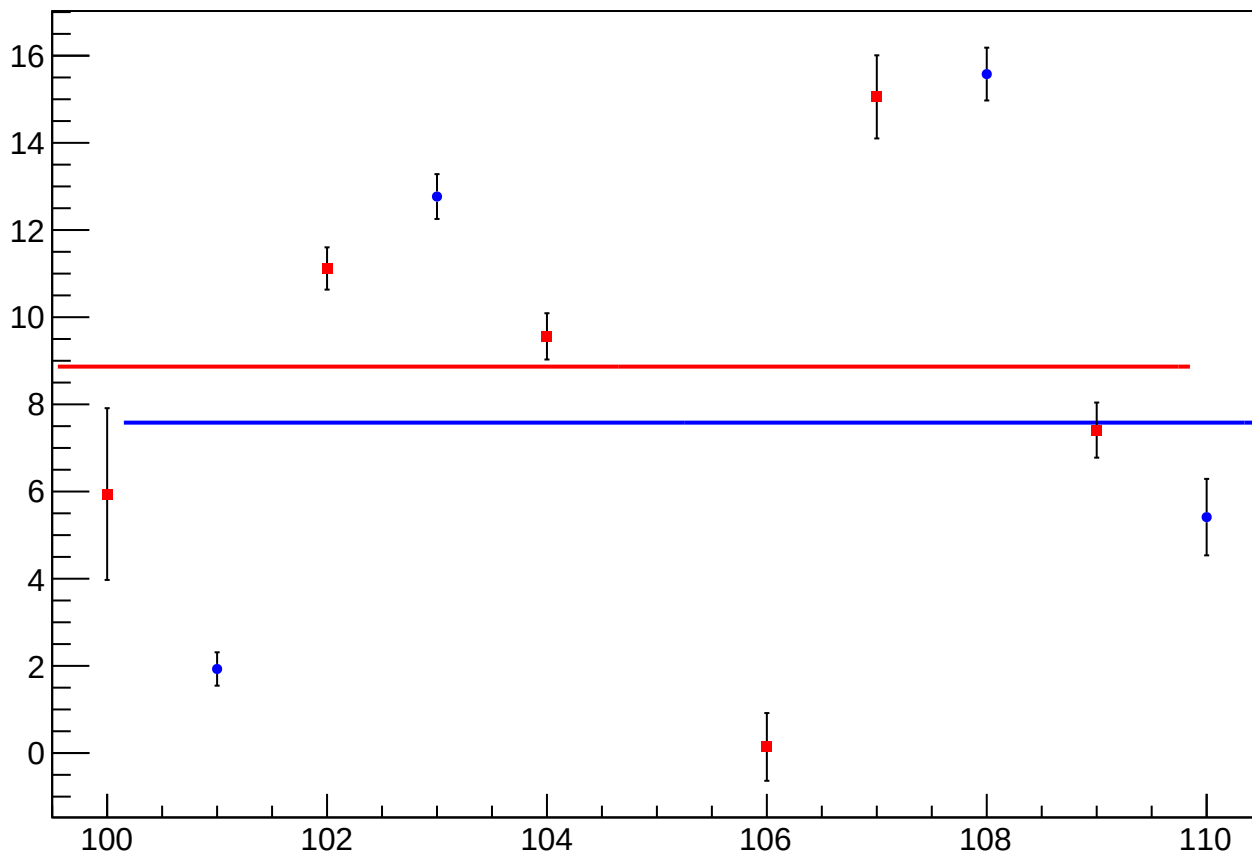
Right: 57.999+/-0.204 χ^2/NDF : 977.2/9

In: 59.902+/-0.285 χ^2/NDF : 297.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.999+/-0.204 χ^2/NDF : 977.2/9

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.581+/-0.261 χ^2/NDF : 500.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.866+/-0.274 χ^2/NDF : 199.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

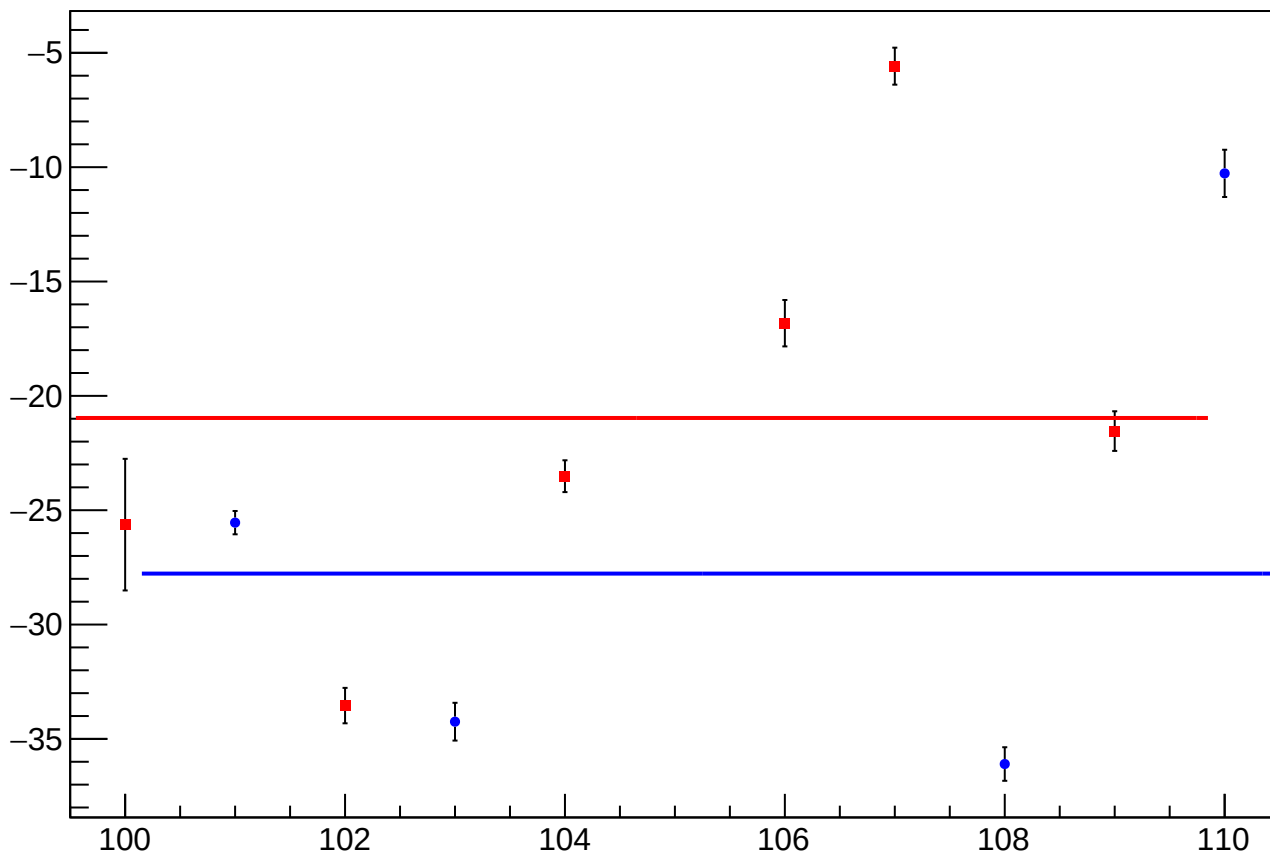
Right: 8.193+/-0.189 χ^2/NDF : 710.6/9

In: 7.581+/-0.261 χ^2/NDF : 500.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.193+/-0.189 χ^2/NDF : 710.6/9

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.772 $\pm$ 0.351 χ^2 /NDF: 496.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.967 $\pm$ 0.361 χ^2 /NDF: 658.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

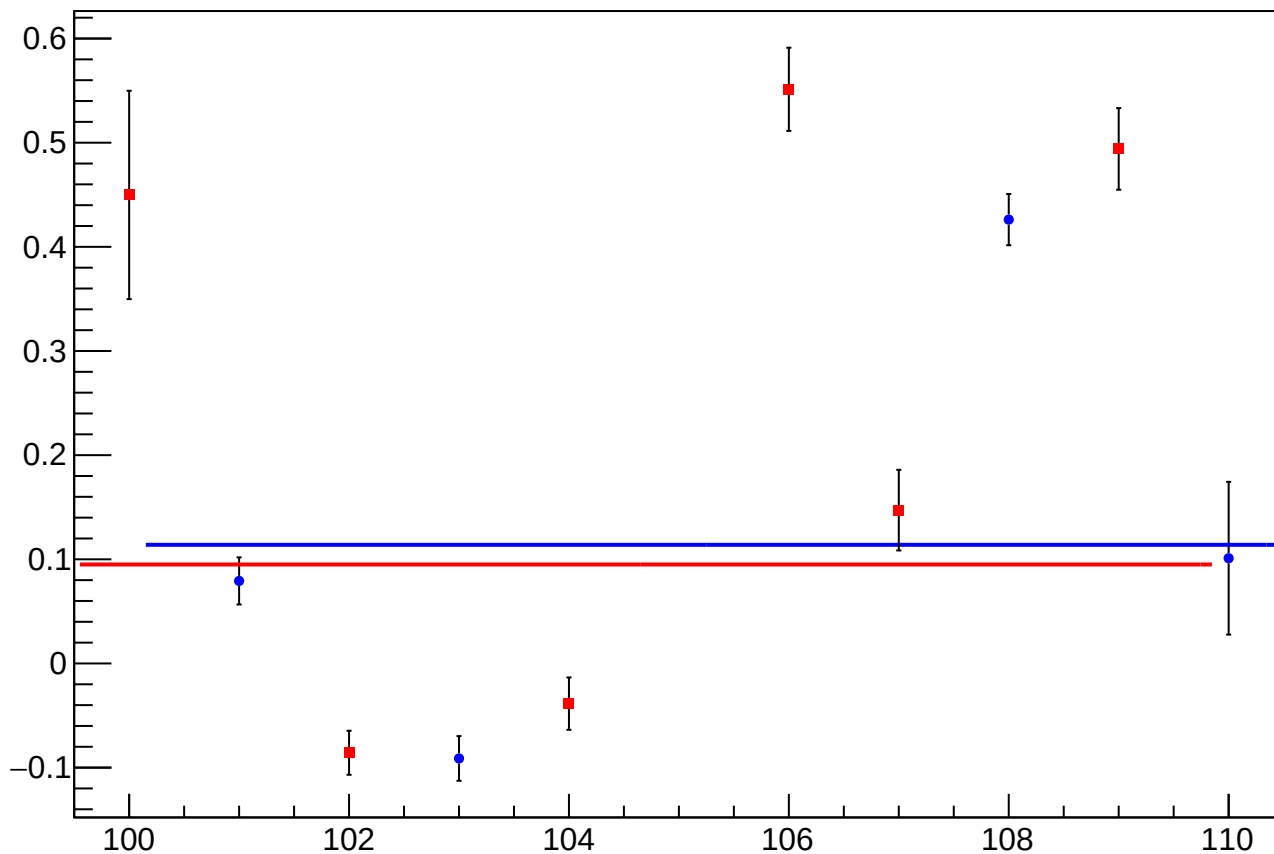
Right: -24.461 $\pm$ 0.252 χ^2 /NDF: 1337.5/9

In: -27.772 $\pm$ 0.351 χ^2 /NDF:496.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.461 $\pm$ 0.252 χ^2 /NDF: 1337.5/9

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.114 $\pm$ 0.013 χ^2 /NDF: 254.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.095 $\pm$ 0.013 χ^2 /NDF: 349.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

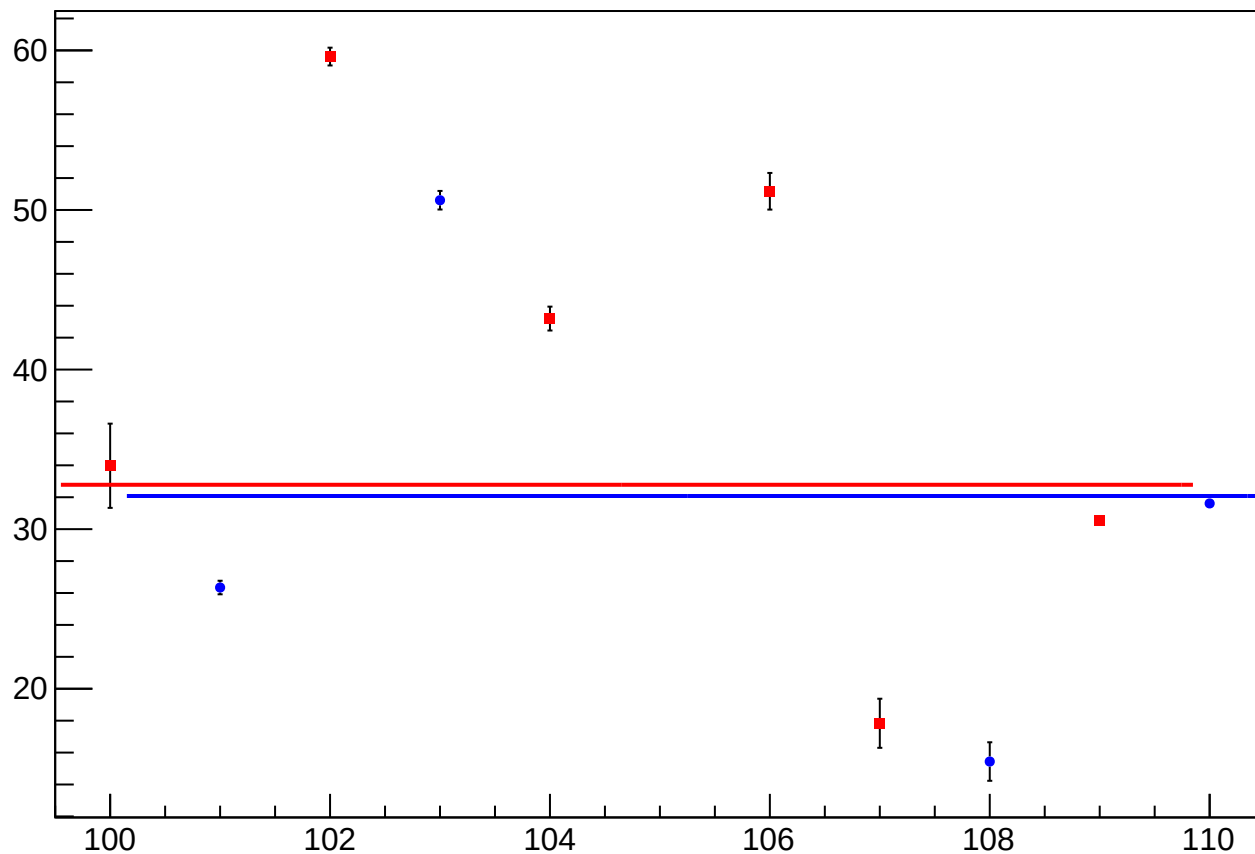
Right: 0.105 $\pm$ 0.009 χ^2 /NDF: 605.9/9

In: 0.114 $\pm$ 0.013 χ^2 /NDF:254.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.105 $\pm$ 0.009 χ^2 /NDF: 605.9/9

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.078+/-0.172 χ^2/NDF : 1390.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.781+/-0.132 χ^2/NDF : 3111.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

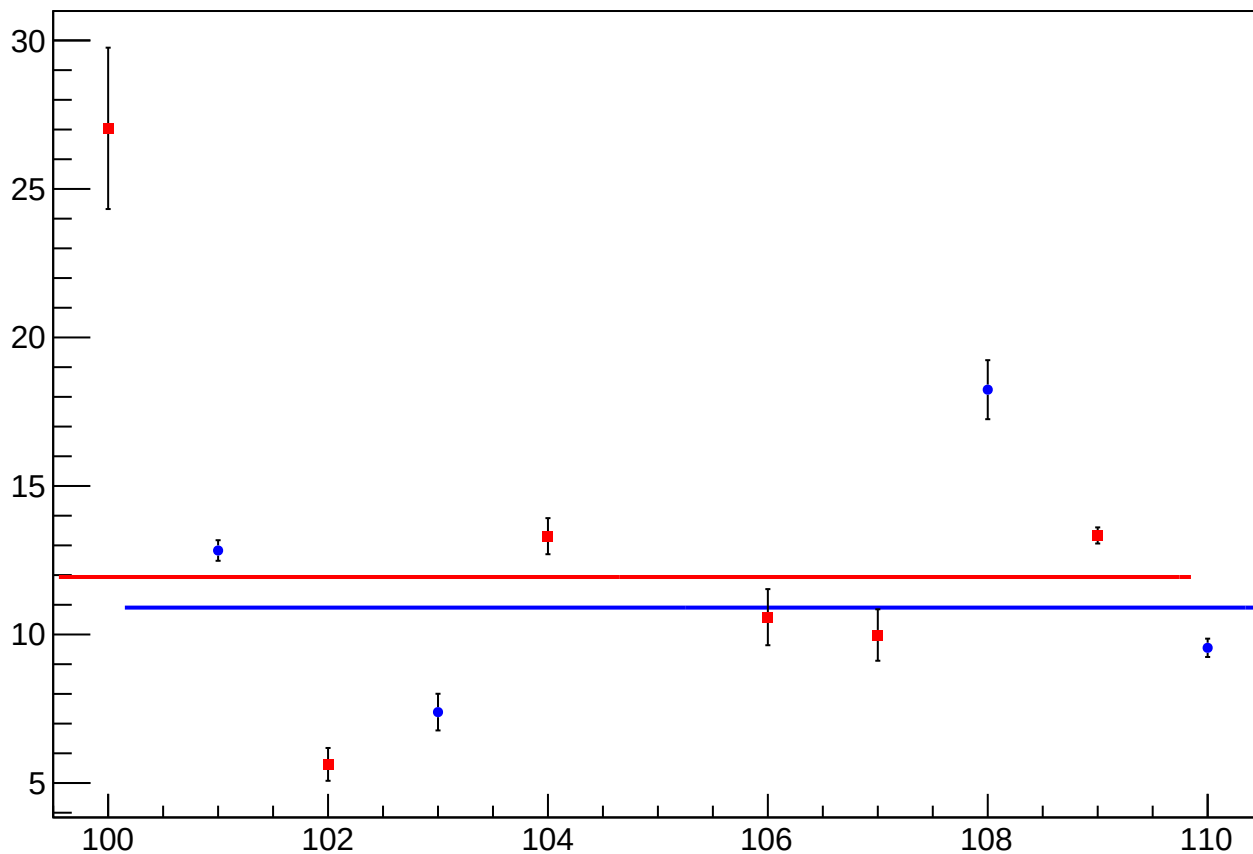
Right: 32.519+/-0.105 χ^2/NDF : 4513.0/9

In: 32.078+/-0.172 χ^2/NDF : 1390.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.519+/-0.105 χ^2/NDF : 4513.0/9

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.905+/-0.211 χ^2/NDF : 137.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.936+/-0.212 χ^2/NDF : 200.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

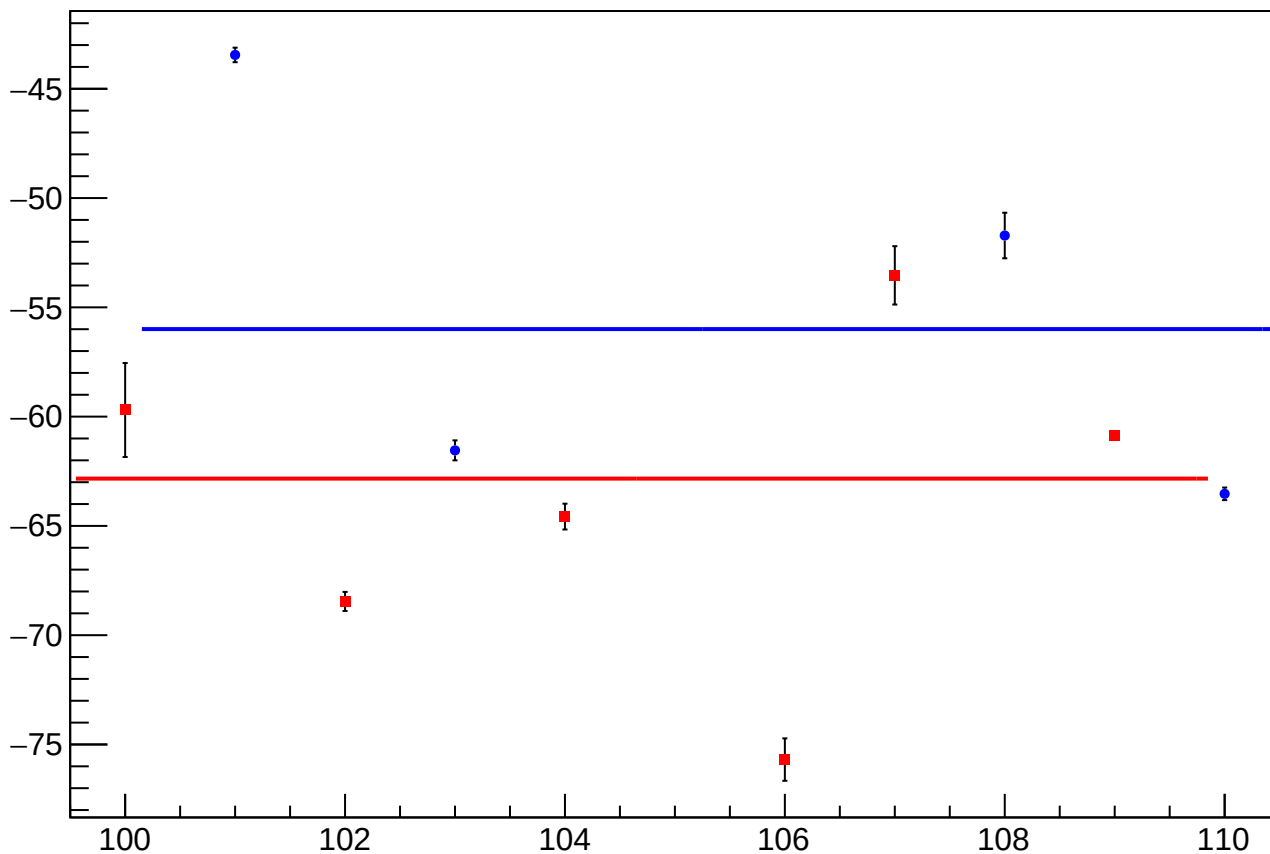
Right: 11.417+/-0.150 χ^2/NDF : 349.0/9

In: 10.905+/-0.211 χ^2/NDF : 137.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.417+/-0.150 χ^2/NDF : 349.0/9

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -55.995+/-0.193 χ^2/NDF : 2271.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.835+/-0.179 χ^2/NDF : 484.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

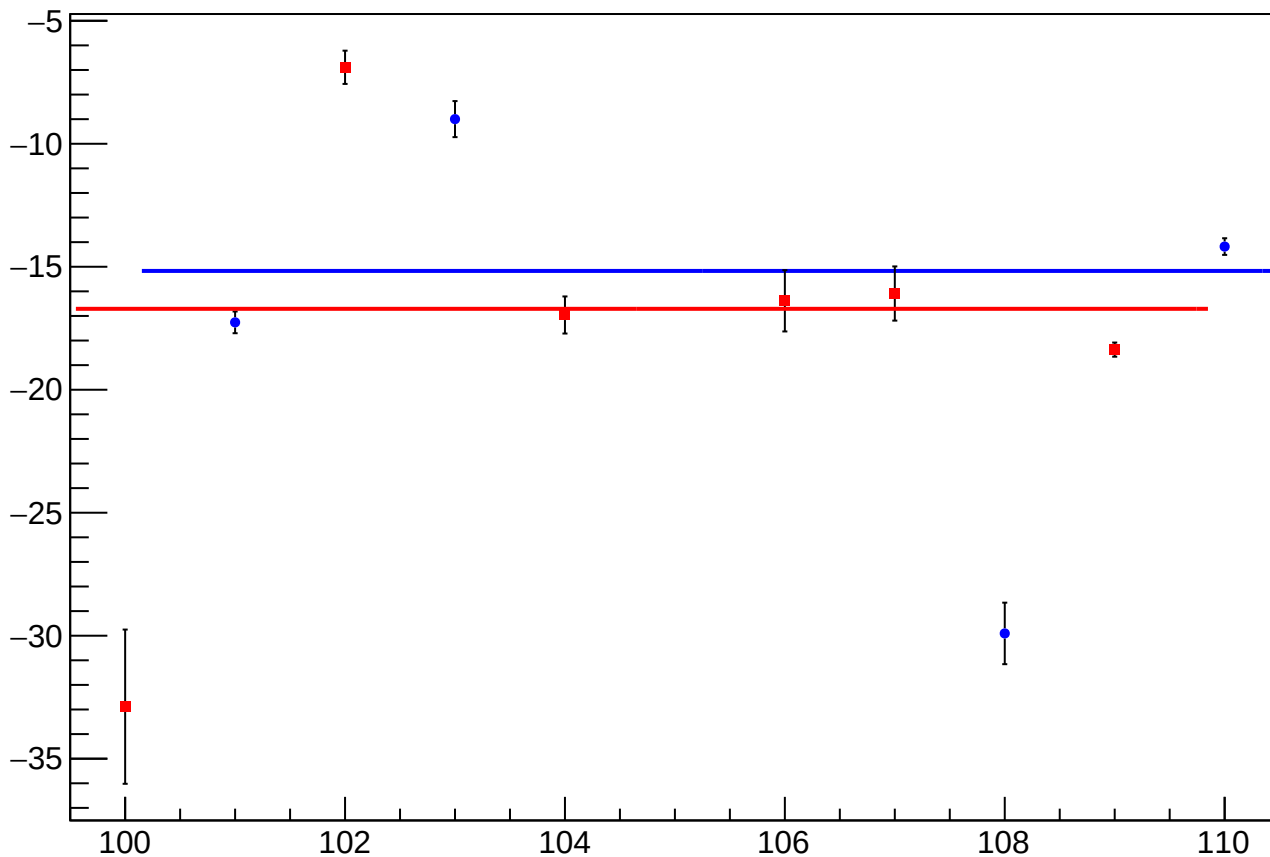
Right: -59.678+/-0.131 χ^2/NDF : 3430.6/9

In: -55.995+/-0.193 χ^2/NDF : 2271.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.678+/-0.131 χ^2/NDF : 3430.6/9

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.170 ± 0.247 χ^2/NDF : 240.8/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.710 ± 0.238 χ^2/NDF : 271.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

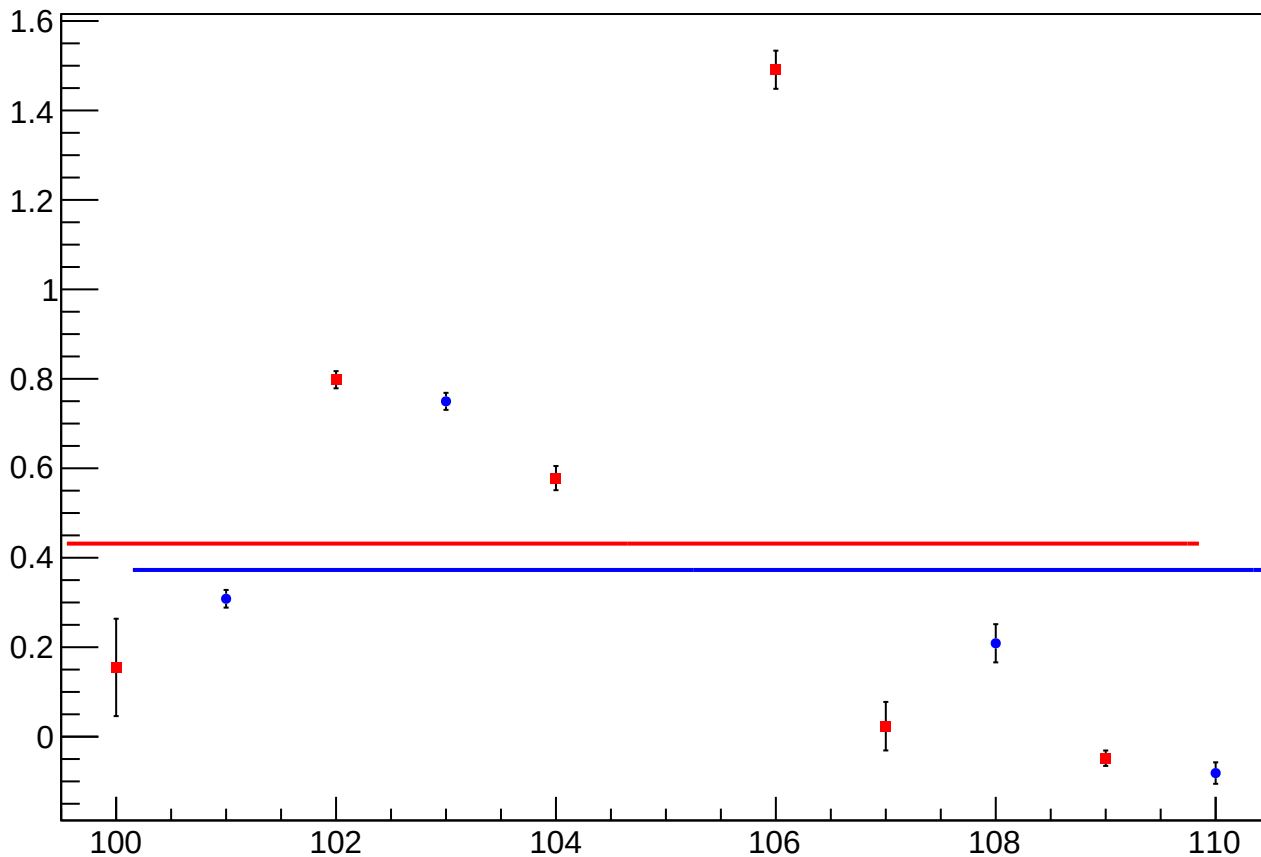
Right: -15.969 ± 0.171 χ^2/NDF : 532.5/9

In: -15.170 ± 0.247 χ^2/NDF : 240.8/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.969 ± 0.171 χ^2/NDF : 532.5/9

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.373+/-0.011 χ^2/NDF : 777.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.432+/-0.011 χ^2/NDF : 1850.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

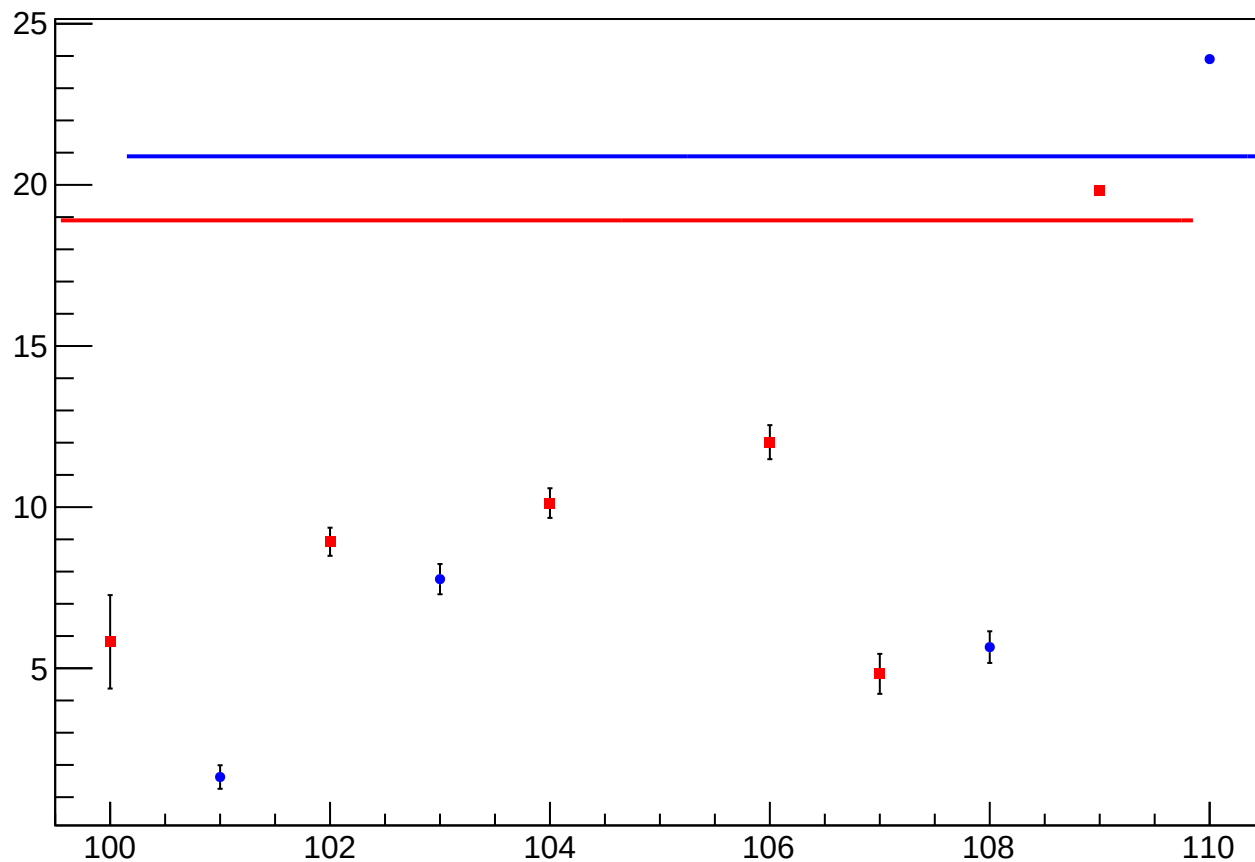
Right: 0.404+/-0.008 χ^2/NDF : 2641.6/9

In: 0.373+/-0.011 χ^2/NDF : 777.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.404+/-0.008 χ^2/NDF : 2641.6/9

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 20.886 $\pm$ 0.098 χ^2 /NDF: 5323.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.898 $\pm$ 0.073 χ^2 /NDF: 1804.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

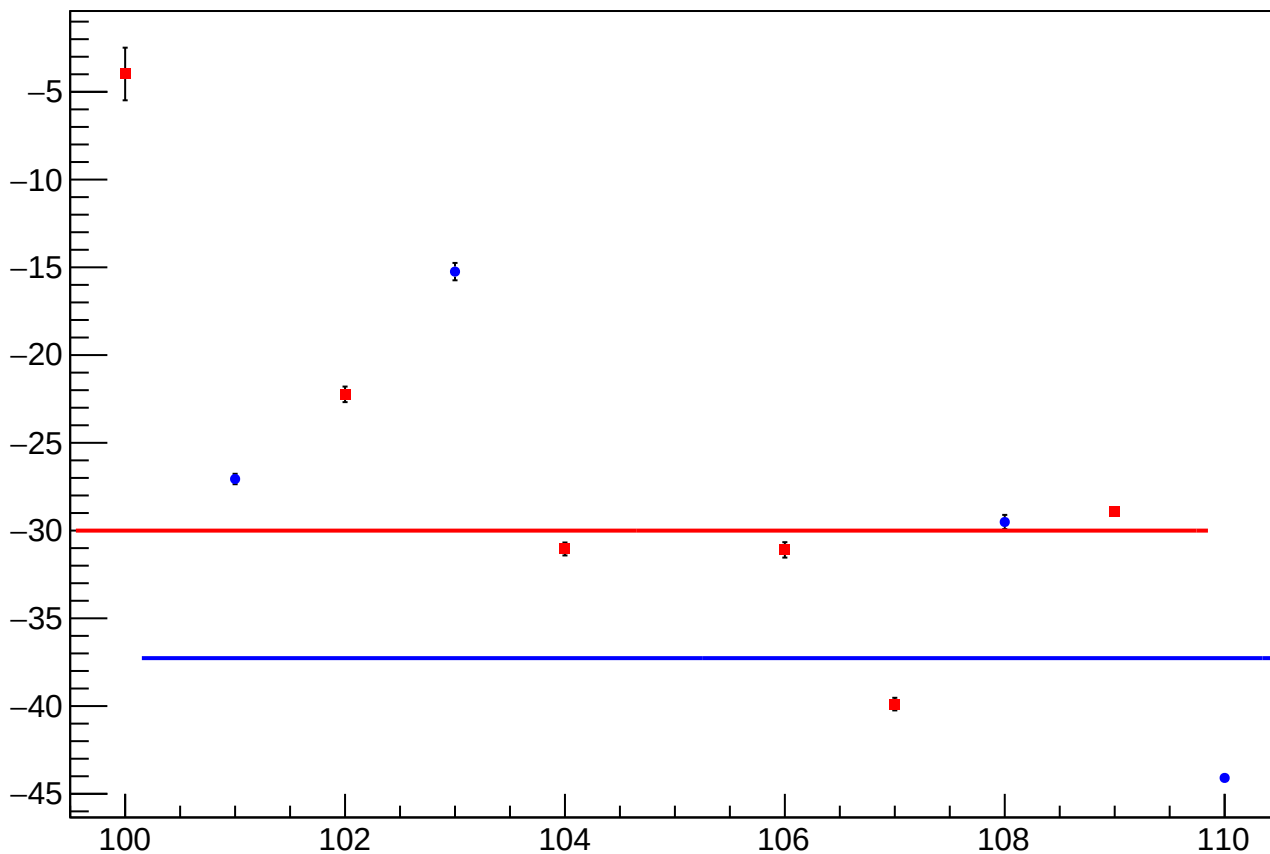
Right: 19.609 $\pm$ 0.058 χ^2 /NDF: 7393.4/9

In: 20.886 $\pm$ 0.098 χ^2 /NDF: 5323.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.609 $\pm$ 0.058 χ^2 /NDF: 7393.4/9

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -37.269 ± 0.131 χ^2/NDF : 5250.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.002 ± 0.127 χ^2/NDF : 1420.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

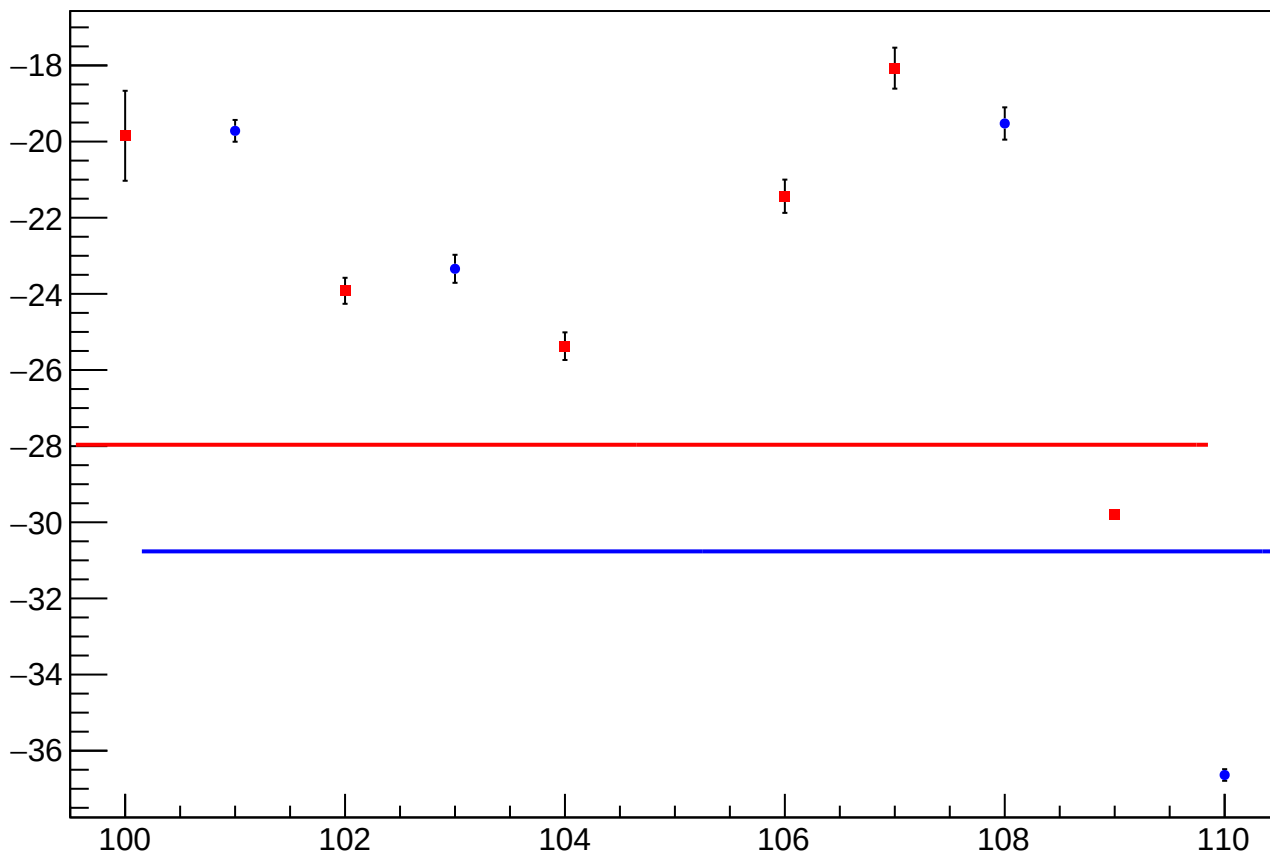
Right: -33.538 ± 0.091 χ^2/NDF : 8256.9/9

In: -37.269 ± 0.131 χ^2/NDF : 5250.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.538 ± 0.091 χ^2/NDF : 8256.9/9

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -30.764 ± 0.121 χ^2/NDF : 4083.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -27.964 ± 0.102 χ^2/NDF : 1034.2/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

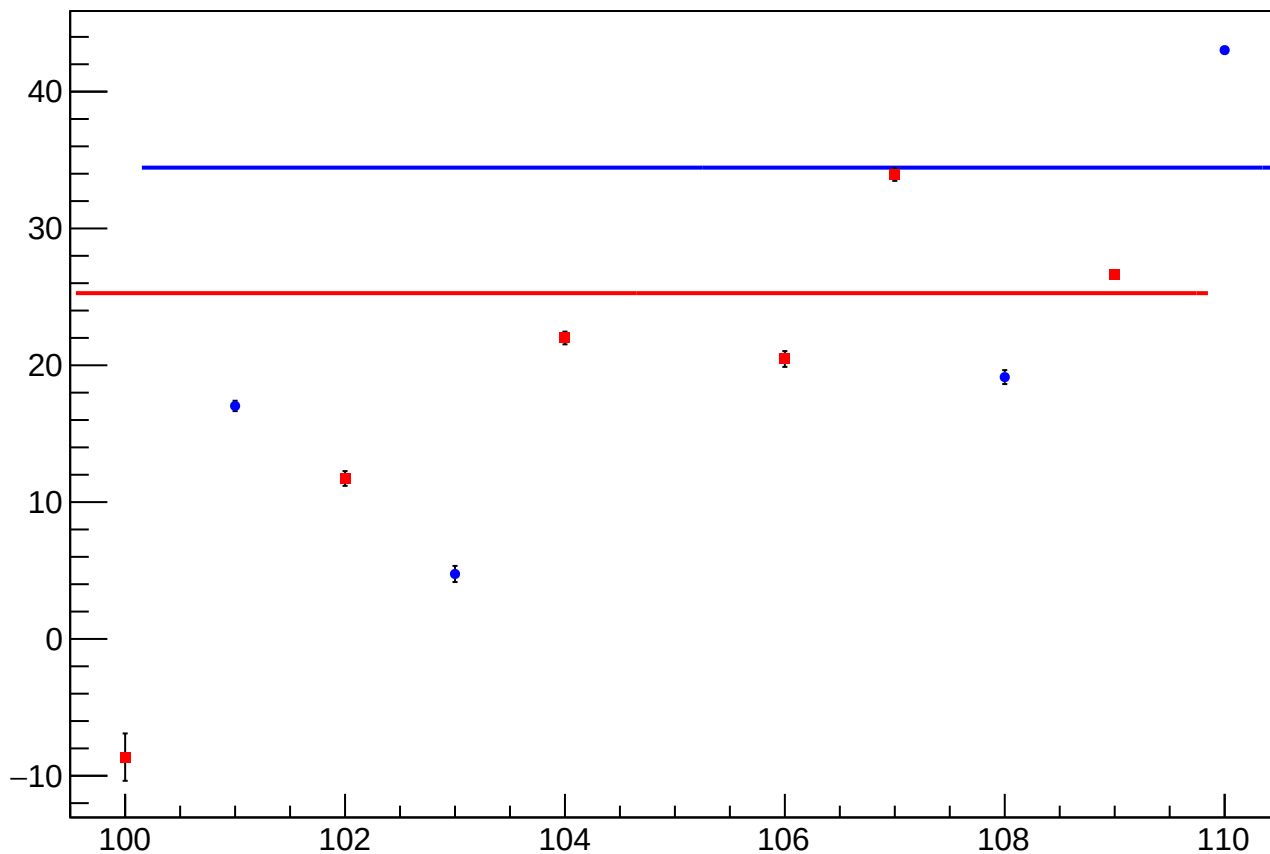
Right: -29.127 ± 0.078 χ^2/NDF : 5429.7/9

In: -30.764 ± 0.121 χ^2/NDF : 4083.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.127 ± 0.078 χ^2/NDF : 5429.7/9

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 34.445 $\pm$ 0.150 χ^2 /NDF: 7828.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.272 $\pm$ 0.142 χ^2 /NDF: 1555.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

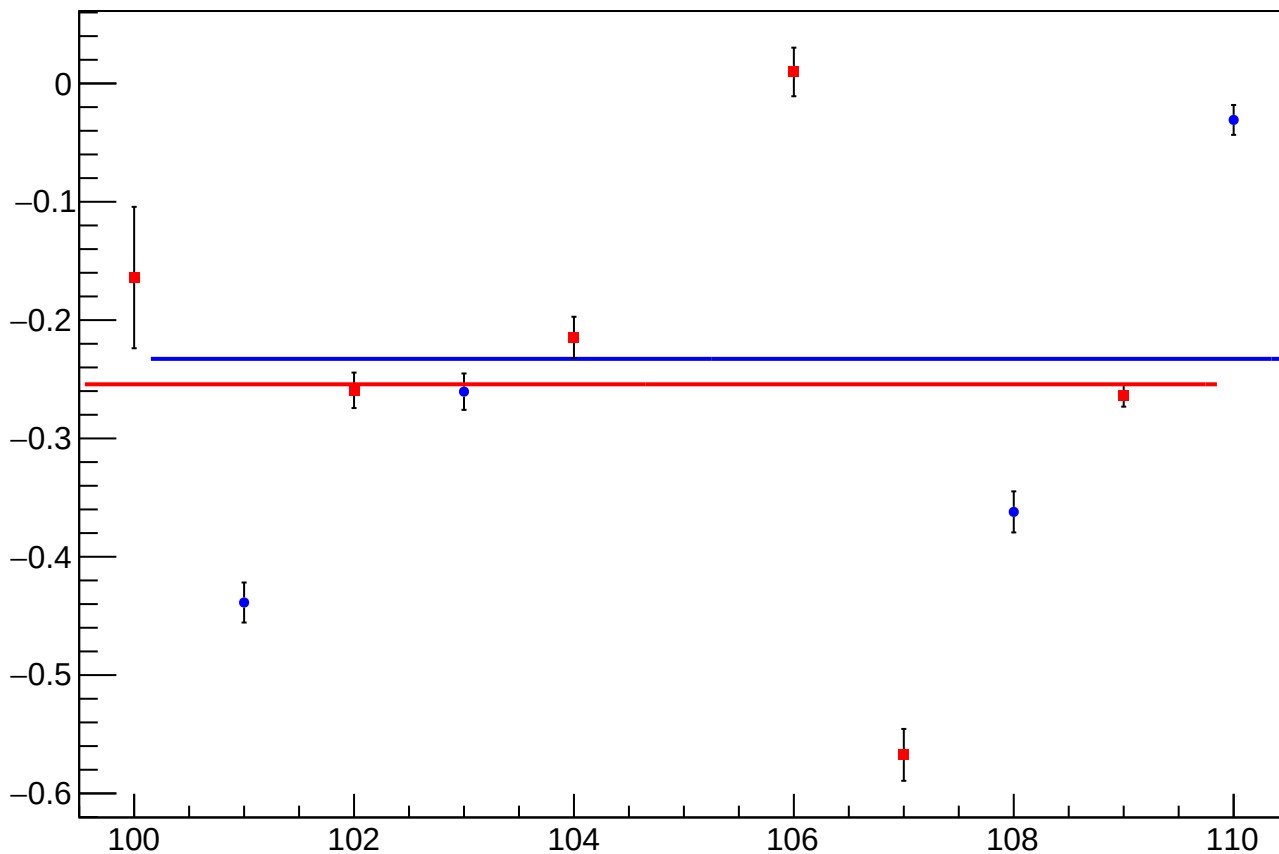
Right: 29.603 $\pm$ 0.103 χ^2 /NDF: 11366.1/9

In: 34.445 $\pm$ 0.150 χ^2 /NDF: 7828.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.603 $\pm$ 0.103 χ^2 /NDF: 11366.1/9

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.233+/-0.008 χ^2/NDF : 462.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.254+/-0.006 χ^2/NDF : 378.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

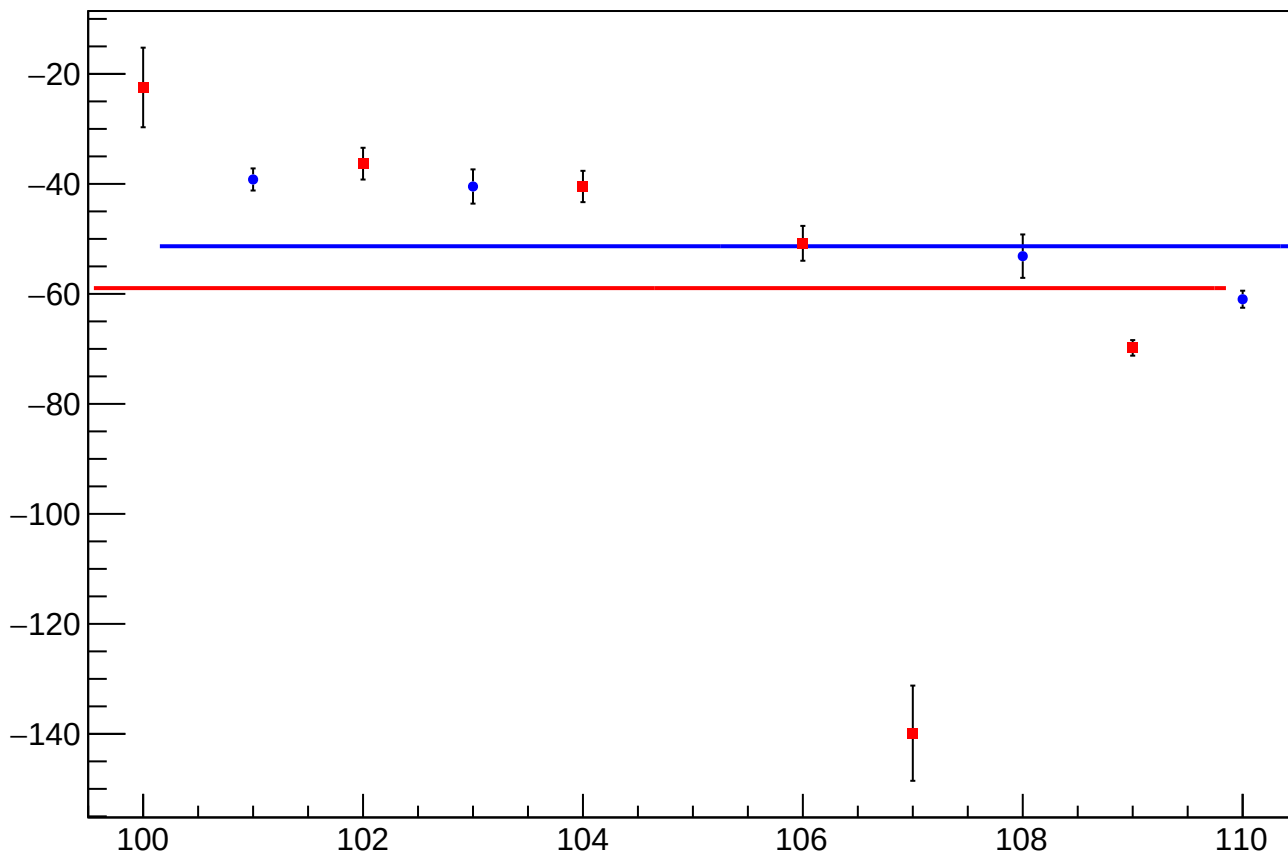
Right: -0.245+/-0.005 χ^2/NDF : 845.2/9

In: -0.233+/-0.008 χ^2/NDF : 462.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.245+/-0.005 χ^2/NDF : 845.2/9

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -51.336 ± 1.097 χ^2/NDF : 87.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -58.950 ± 1.069 χ^2/NDF : 282.0/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

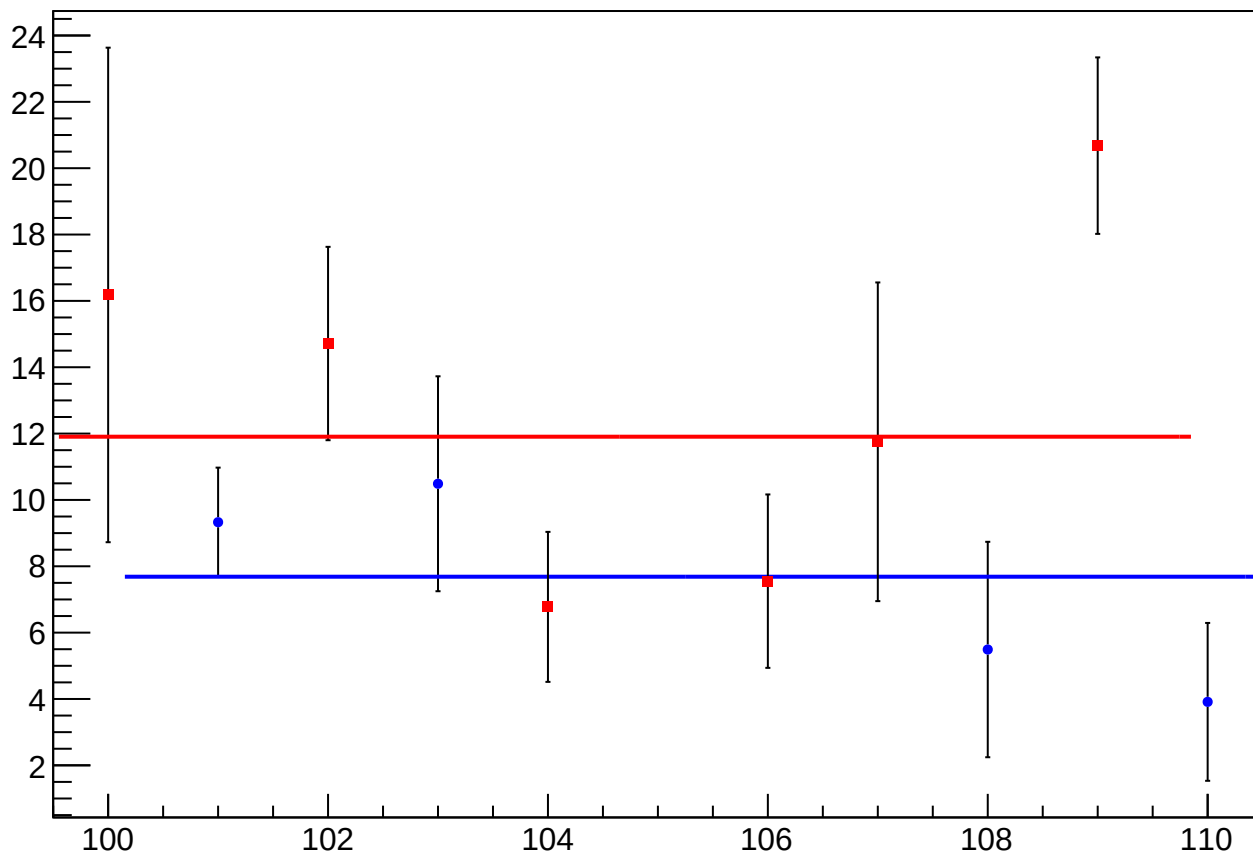
Right: -55.240 ± 0.766 χ^2/NDF : 394.2/9

In: -51.336 ± 1.097 χ^2/NDF : 87.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.240 ± 0.766 χ^2/NDF : 394.2/9

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.686 $\pm$ 1.165 χ^2 /NDF: 4.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.906 $\pm$ 1.229 χ^2 /NDF: 20.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

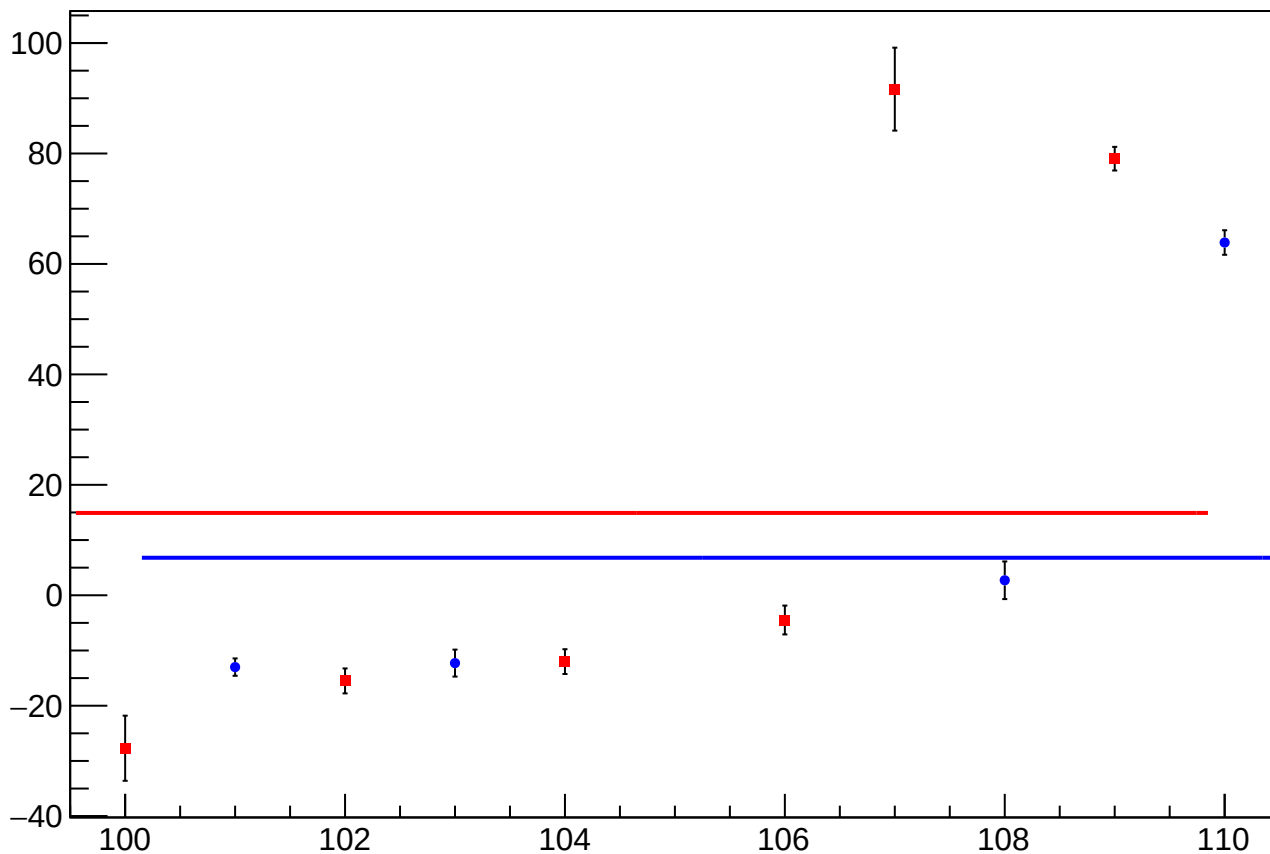
Right: 9.684 $\pm$ 0.845 χ^2 /NDF: 31.0/9

In: 7.686 $\pm$ 1.165 χ^2 /NDF:4.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.684 $\pm$ 0.845 χ^2 /NDF: 31.0/9

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.796+/-1.078 χ^2/NDF : 880.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.910+/-1.114 χ^2/NDF : 1434.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

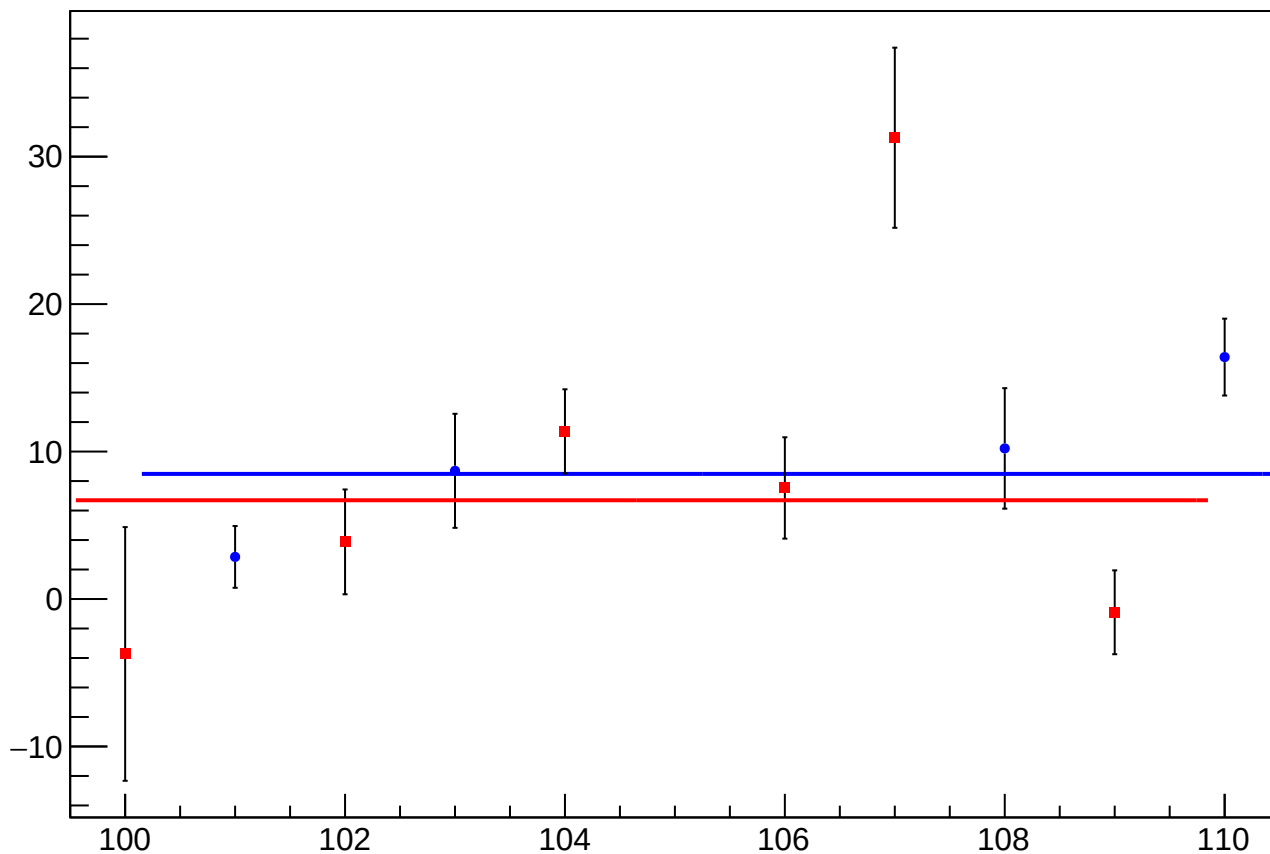
Right: 10.720+/-0.775 χ^2/NDF : 2342.6/9

In: 6.796+/-1.078 χ^2/NDF : 880.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.720+/-0.775 χ^2/NDF : 2342.6/9

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.484+/-1.411 χ^2/NDF : 16.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.697+/-1.490 χ^2/NDF : 28.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

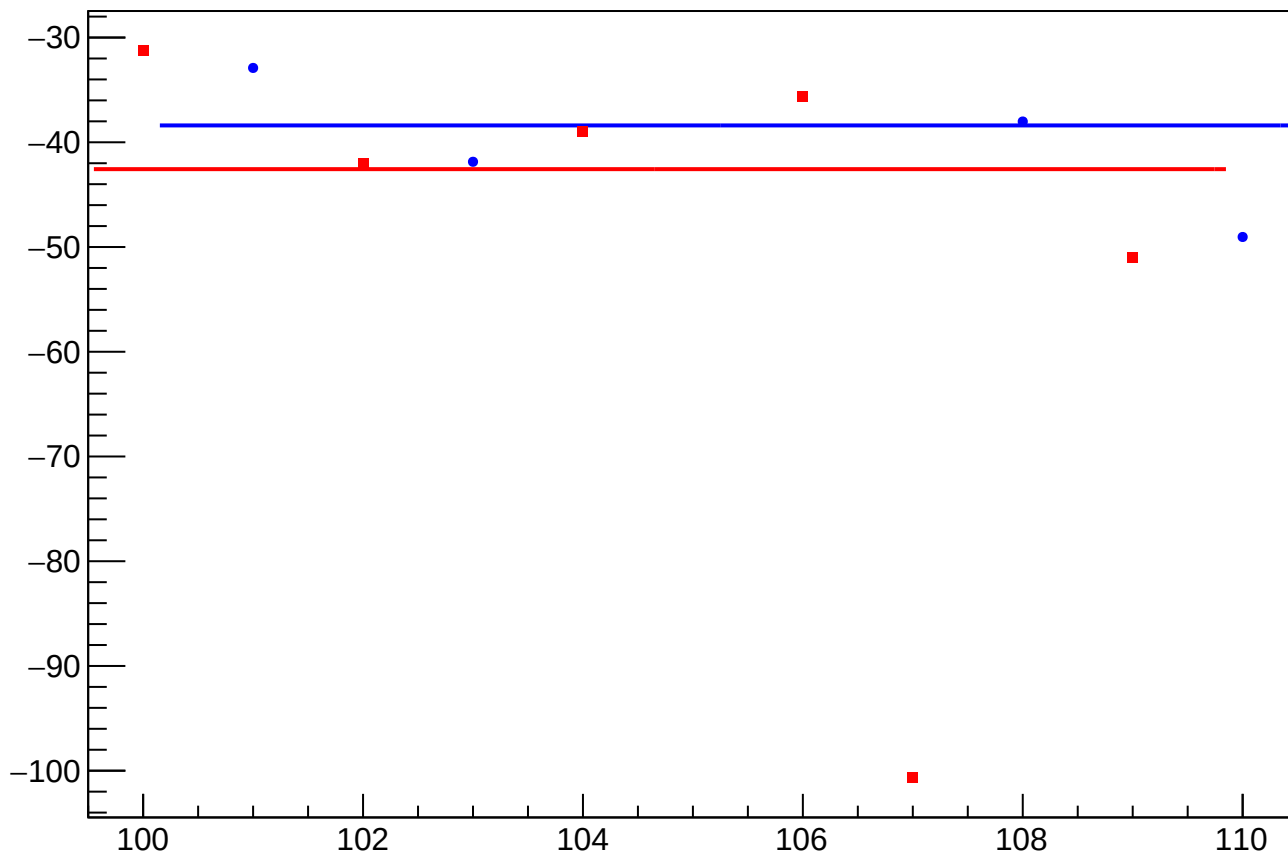
Right: 7.639+/-1.025 χ^2/NDF : 45.6/9

In: 8.484+/-1.411 χ^2/NDF : 16.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.639+/-1.025 χ^2/NDF : 45.6/9

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.391+/-0.059 χ^2/NDF : 7917.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.565+/-0.056 χ^2/NDF : 44914.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

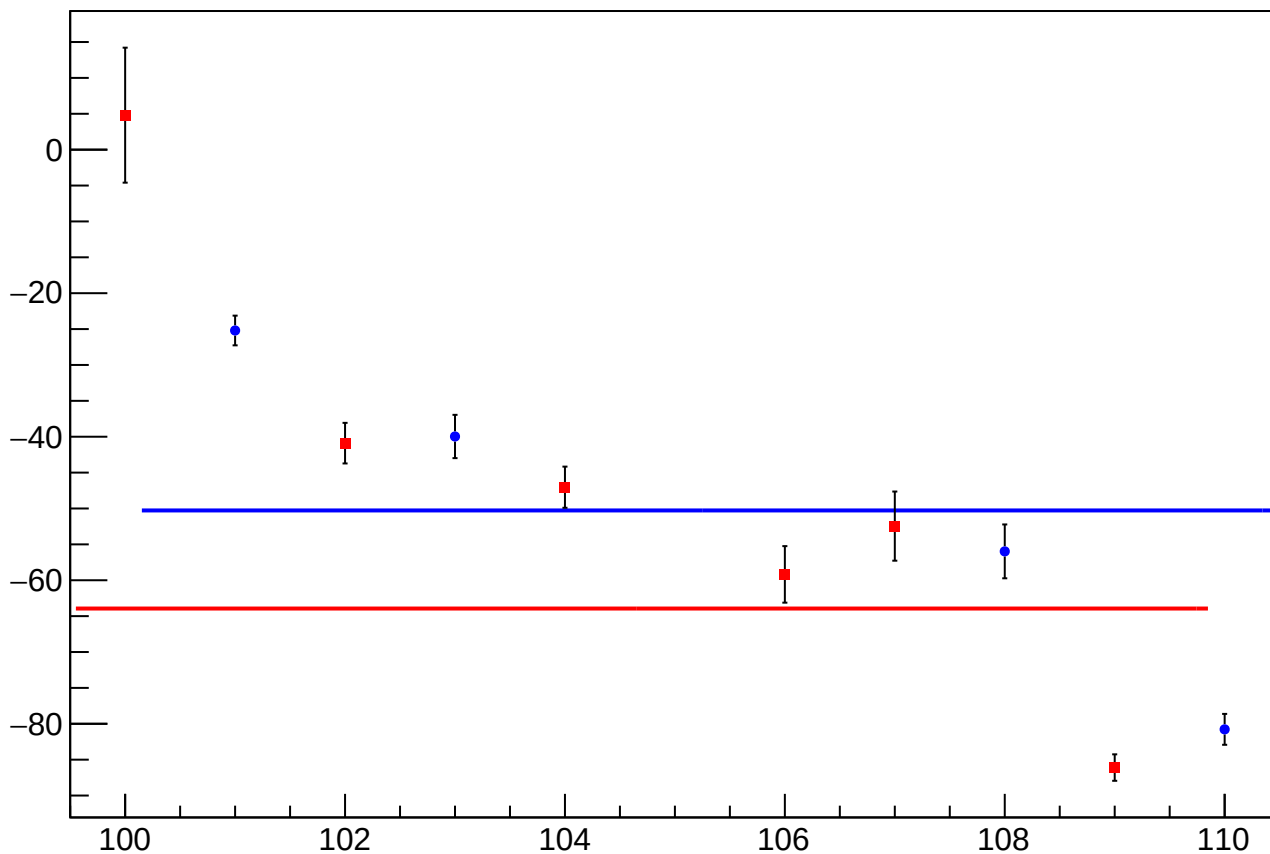
Right: -40.571+/-0.041 χ^2/NDF : 55471.8/9

In: -38.391+/-0.059 χ^2/NDF : 7917.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.571+/-0.041 χ^2/NDF : 55471.8/9

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -50.273+/-1.259 χ^2/NDF : 361.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.941+/-1.231 χ^2/NDF : 306.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

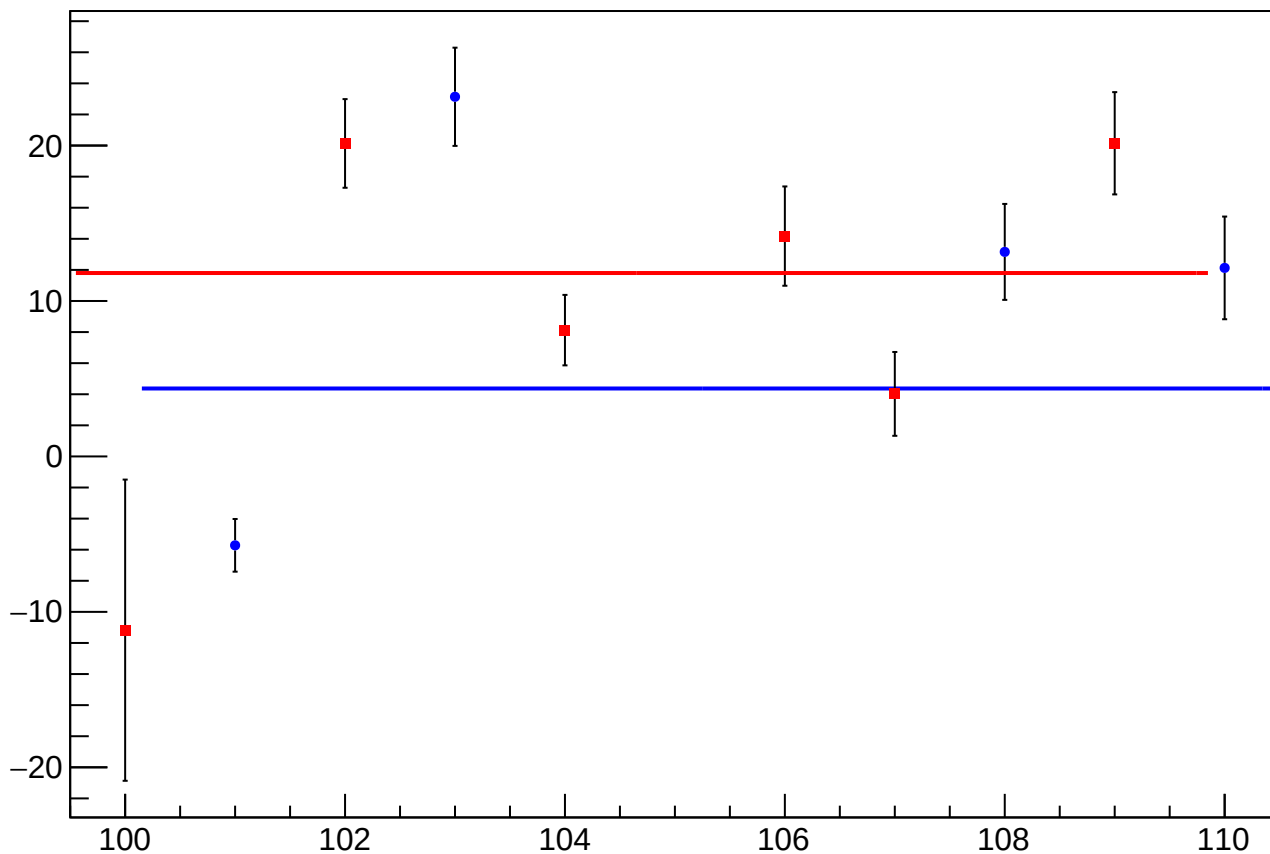
Right: -57.261+/-0.880 χ^2/NDF : 728.1/9

In: -50.273+/-1.259 χ^2/NDF : 361.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.261+/-0.880 χ^2/NDF : 728.1/9

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.370+/-1.245 χ^2/NDF : 84.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.799+/-1.234 χ^2/NDF : 32.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

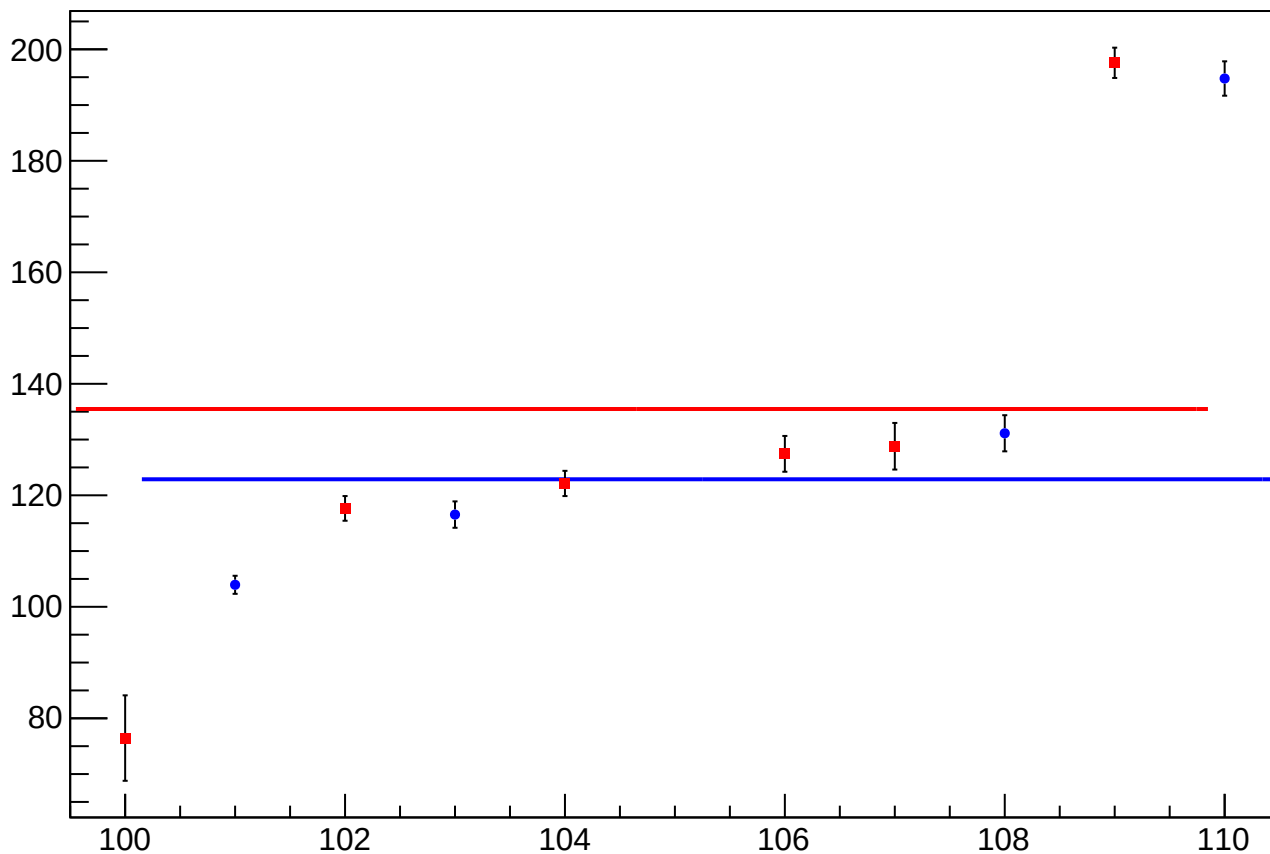
Right: 8.116+/-0.877 χ^2/NDF : 134.4/9

In: 4.370+/-1.245 χ^2/NDF : 84.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.116+/-0.877 χ^2/NDF : 134.4/9

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 122.874+/-1.147 χ^2/NDF : 693.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.481+/-1.190 χ^2/NDF : 690.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

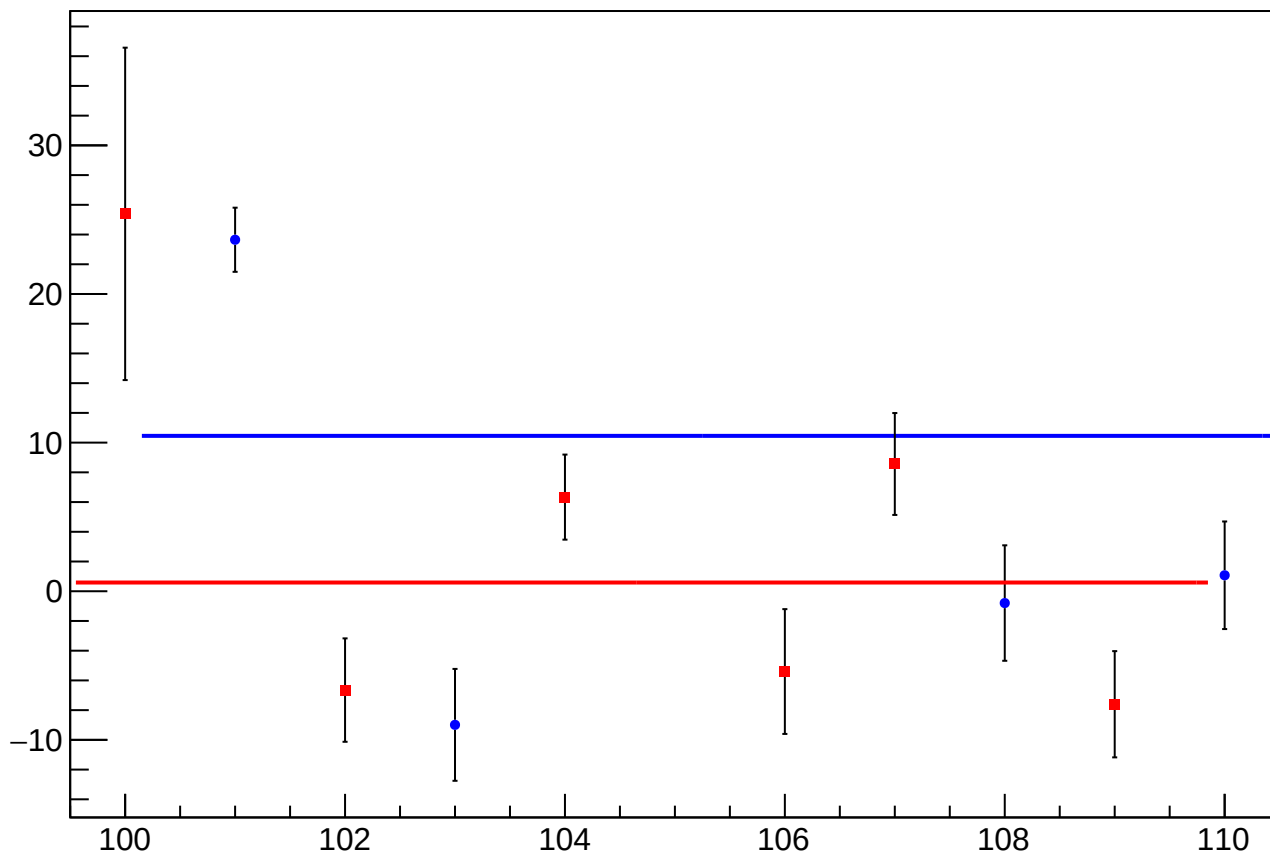
Right: 128.945+/-0.826 χ^2/NDF : 1441.9/9

In: 122.874+/-1.147 χ^2/NDF : 693.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.945+/-0.826 χ^2/NDF : 1441.9/9

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.454+/-1.529 χ^2/NDF : 79.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.587+/-1.520 χ^2/NDF : 26.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

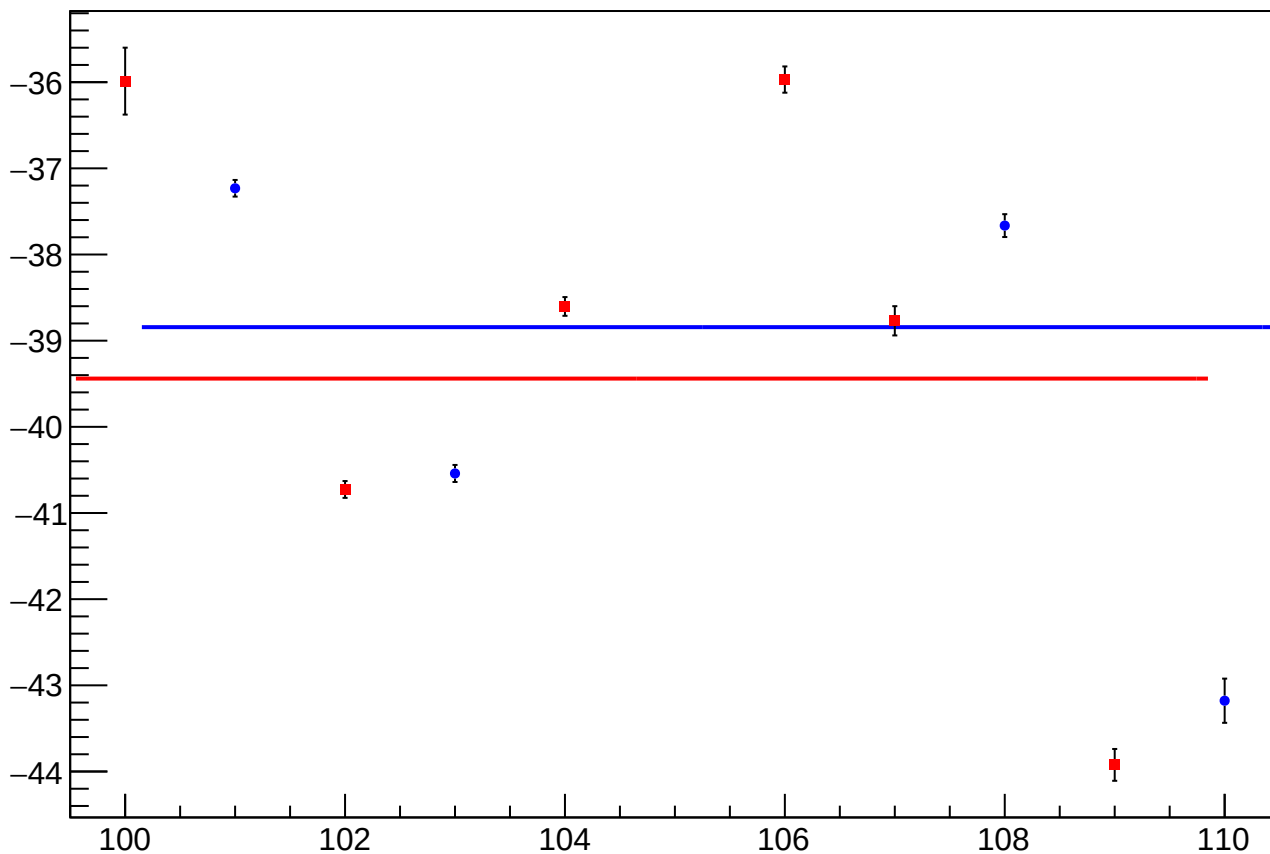
Right: 5.493+/-1.078 χ^2/NDF : 126.1/9

In: 10.454+/-1.529 χ^2/NDF : 79.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.493+/-1.078 χ^2/NDF : 126.1/9

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.843 $\pm$ 0.060 χ^2 /NDF: 938.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -39.440 $\pm$ 0.057 χ^2 /NDF: 1436.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

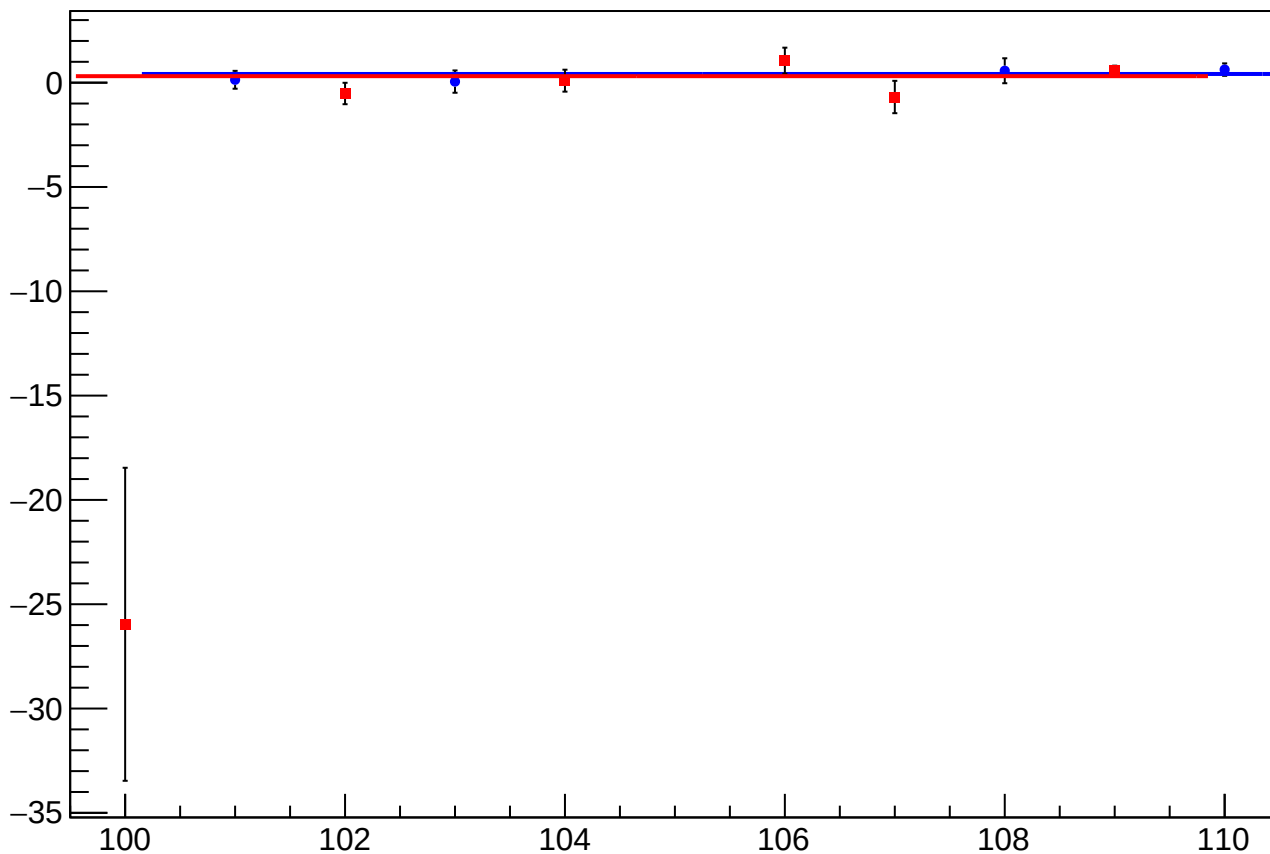
Right: -39.153 $\pm$ 0.041 χ^2 /NDF: 2426.2/9

In: -38.843 $\pm$ 0.060 χ^2 /NDF:938.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.153 $\pm$ 0.041 χ^2 /NDF: 2426.2/9

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.417+/-0.208 χ^2/NDF : 1.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.311+/-0.189 χ^2/NDF : 19.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

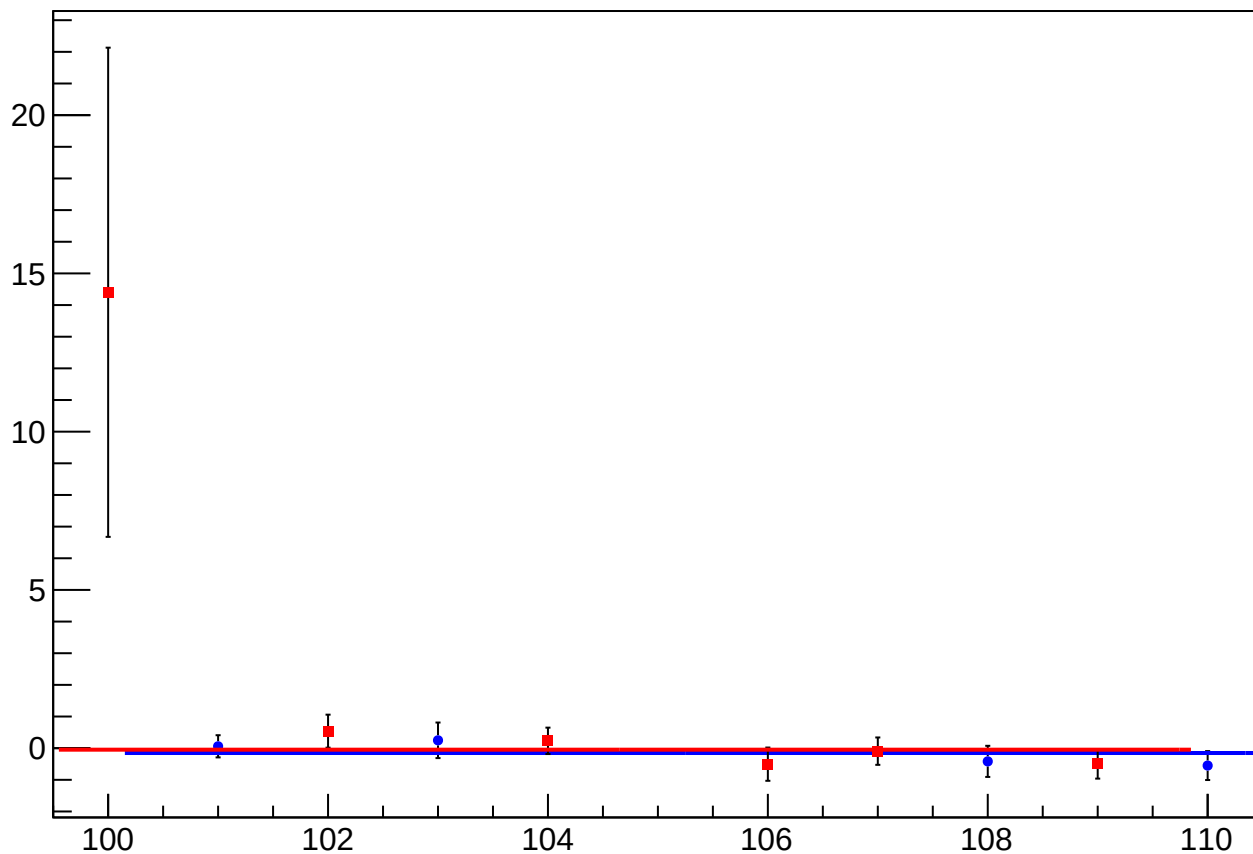
Right: 0.359+/-0.140 χ^2/NDF : 20.8/9

In: 0.417+/-0.208 χ^2/NDF : 1.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.359+/-0.140 χ^2/NDF : 20.8/9

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.153 ± 0.222 χ^2/NDF : 1.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.048 ± 0.208 χ^2/NDF : 6.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

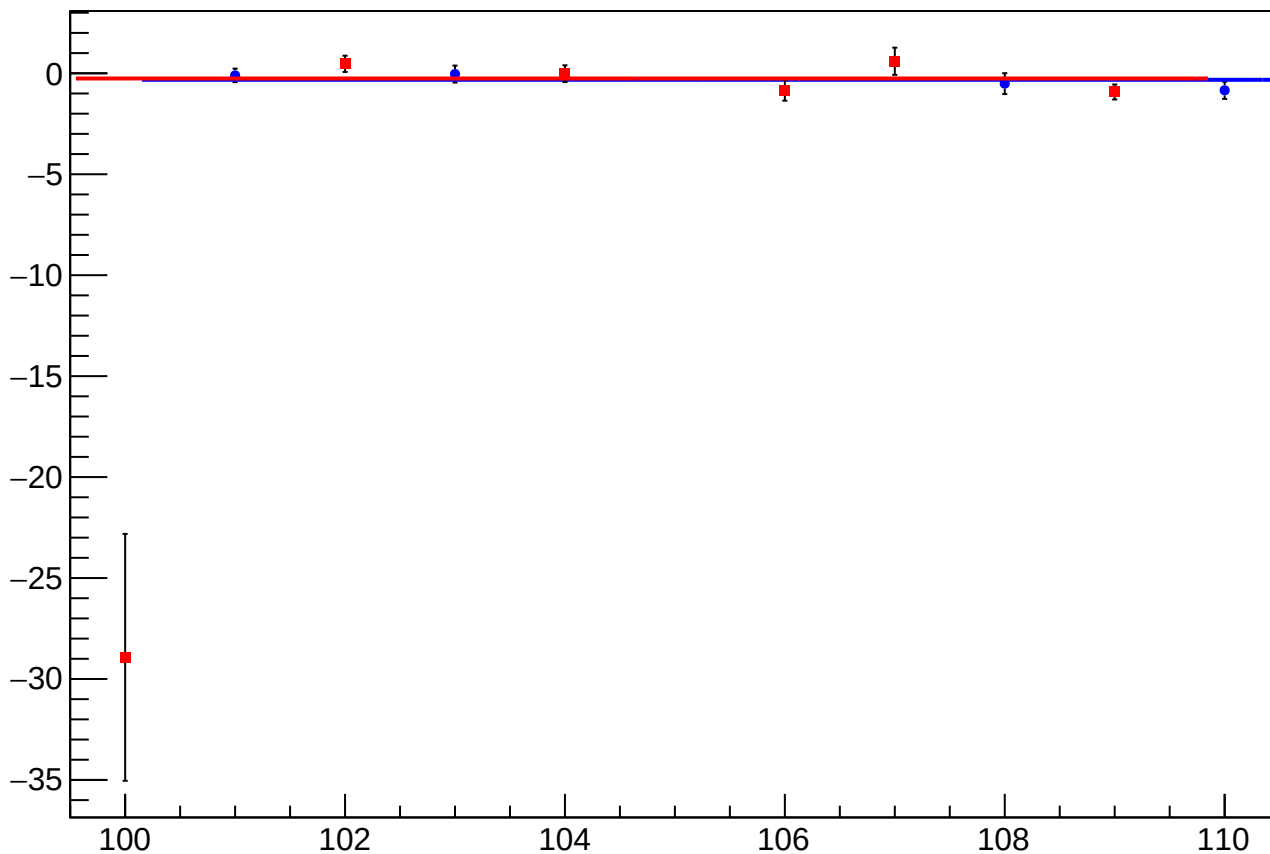
Right: -0.097 ± 0.152 χ^2/NDF : 9.0/9

In: -0.153 ± 0.222 χ^2/NDF : 1.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.097 ± 0.152 χ^2/NDF : 9.0/9

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.322 ± 0.205 χ^2/NDF : 2.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.257 ± 0.199 χ^2/NDF : 31.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

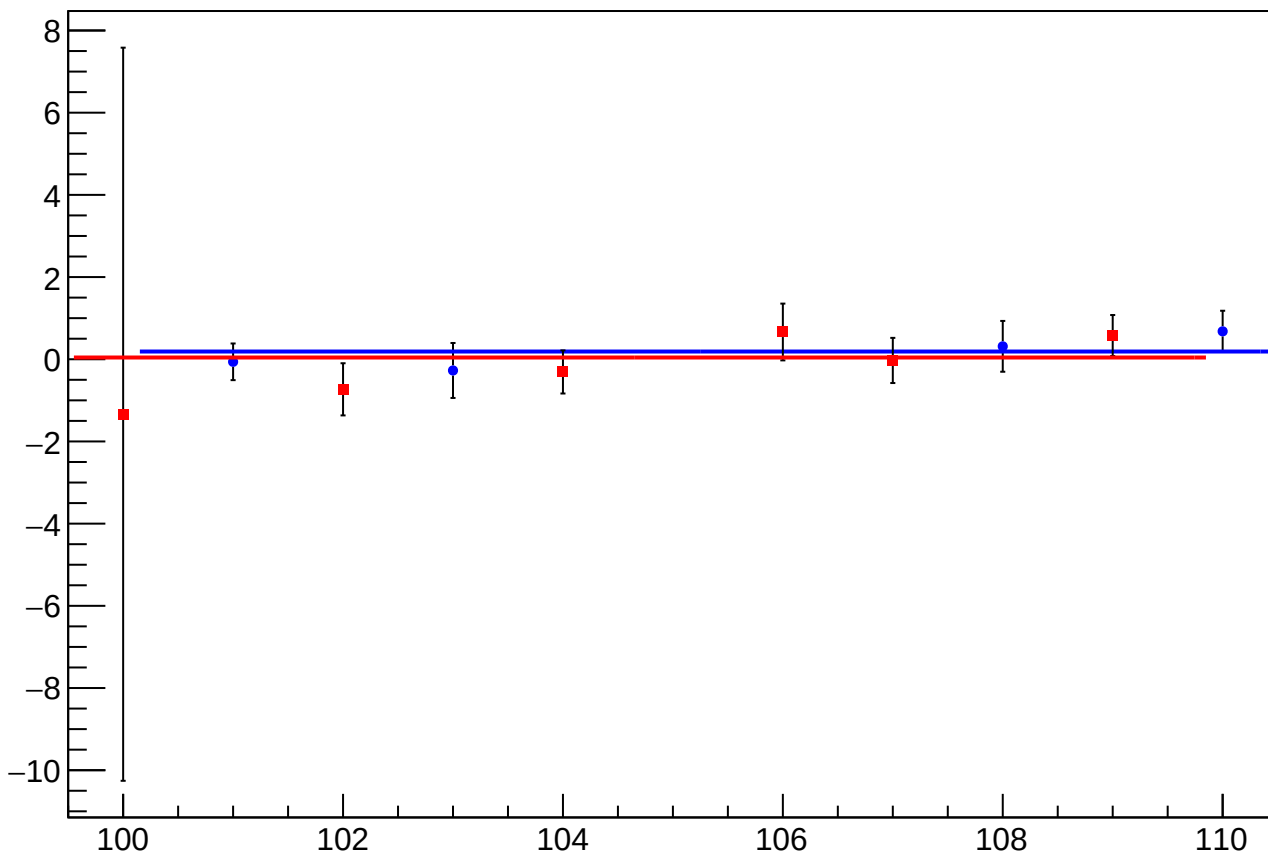
Right: -0.288 ± 0.143 χ^2/NDF : 34.2/9

In: -0.322 ± 0.205 χ^2/NDF : 2.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.288 ± 0.143 χ^2/NDF : 34.2/9

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.188+/-0.269 χ^2/NDF : 1.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.043+/-0.253 χ^2/NDF : 3.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

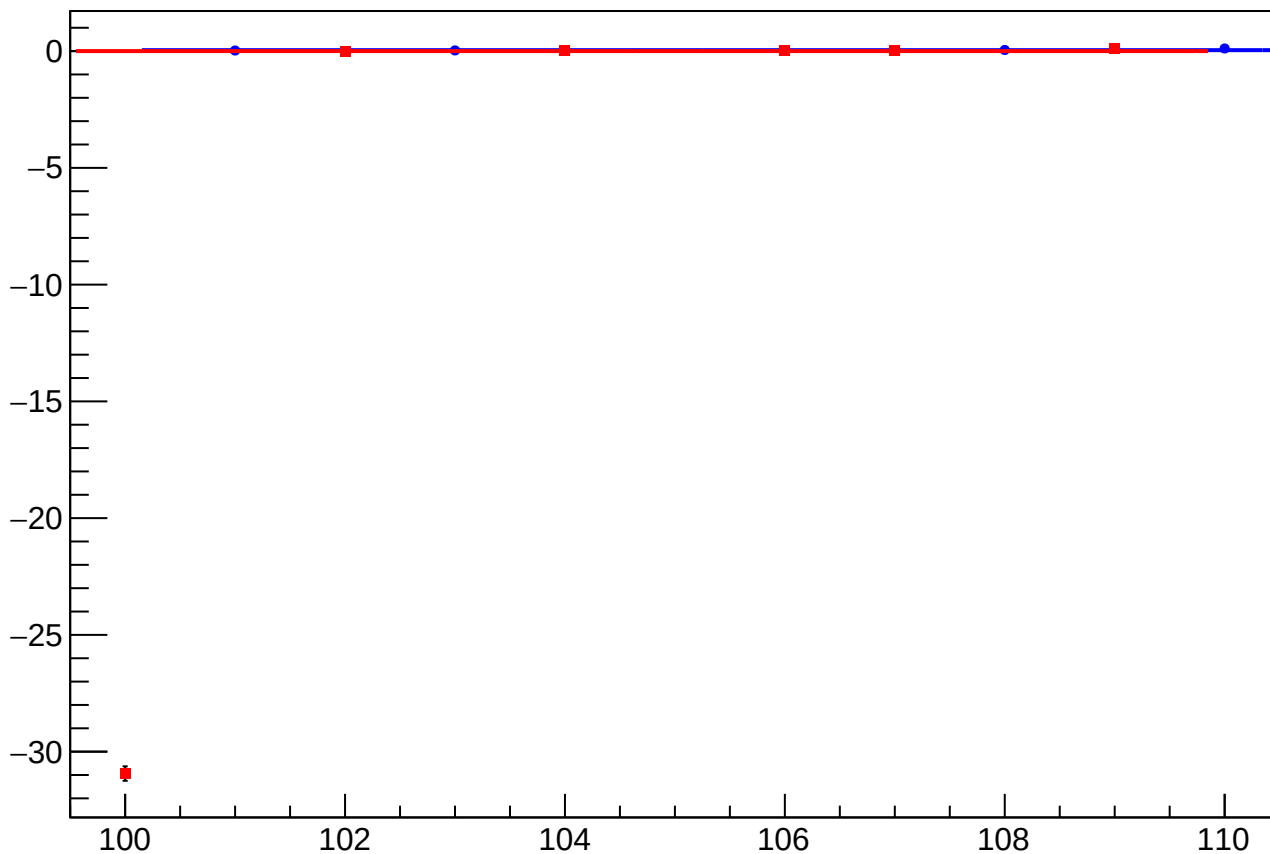
Right: 0.111+/-0.184 χ^2/NDF : 5.9/9

In: 0.188+/-0.269 χ^2/NDF : 1.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.111+/-0.184 χ^2/NDF : 5.9/9

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.040+/-0.011 χ^2/NDF : 5.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 9997.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

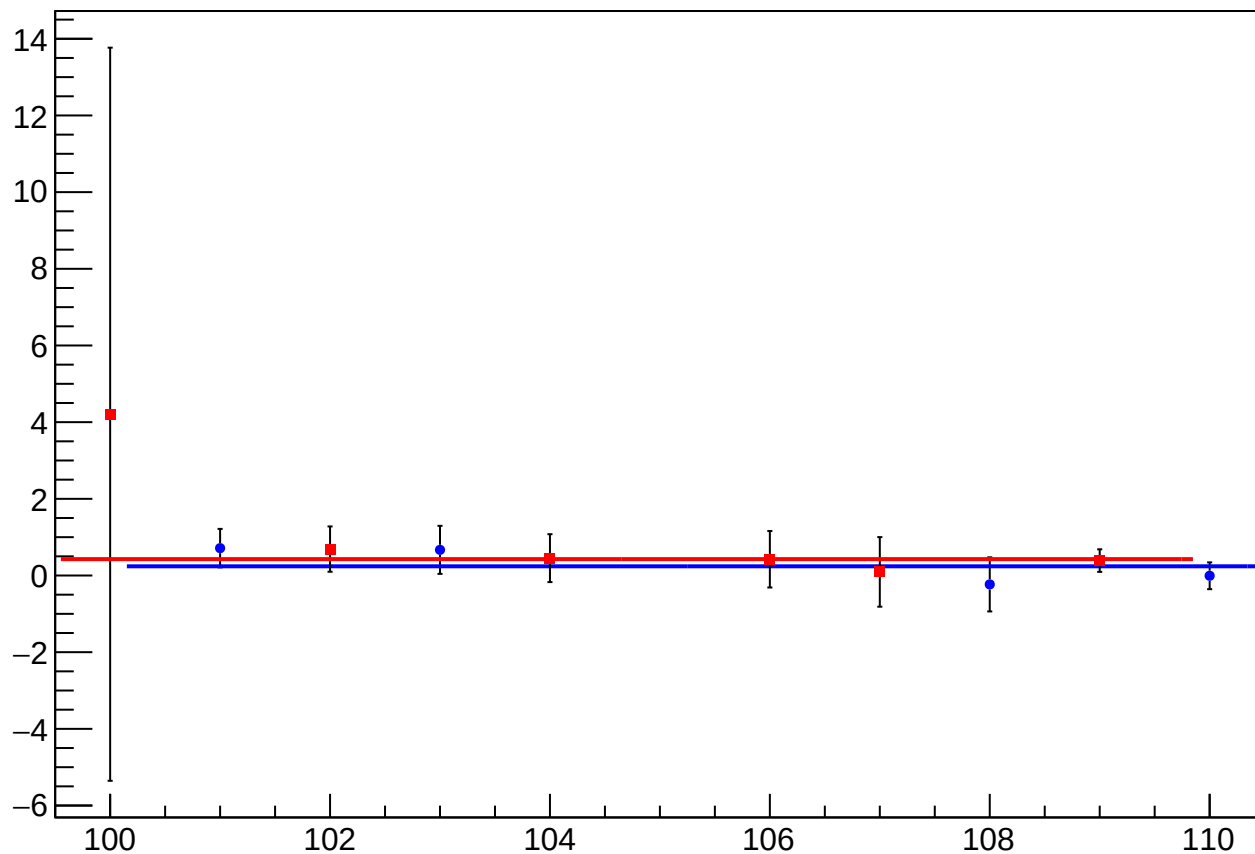
Right: 0.019+/-0.007 χ^2/NDF : 10009.7/9

In: 0.040+/-0.011 χ^2/NDF : 5.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.007 χ^2/NDF : 10009.7/9

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.240 $\pm$ 0.245 χ^2 /NDF: 2.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.428 $\pm$ 0.223 χ^2 /NDF: 0.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

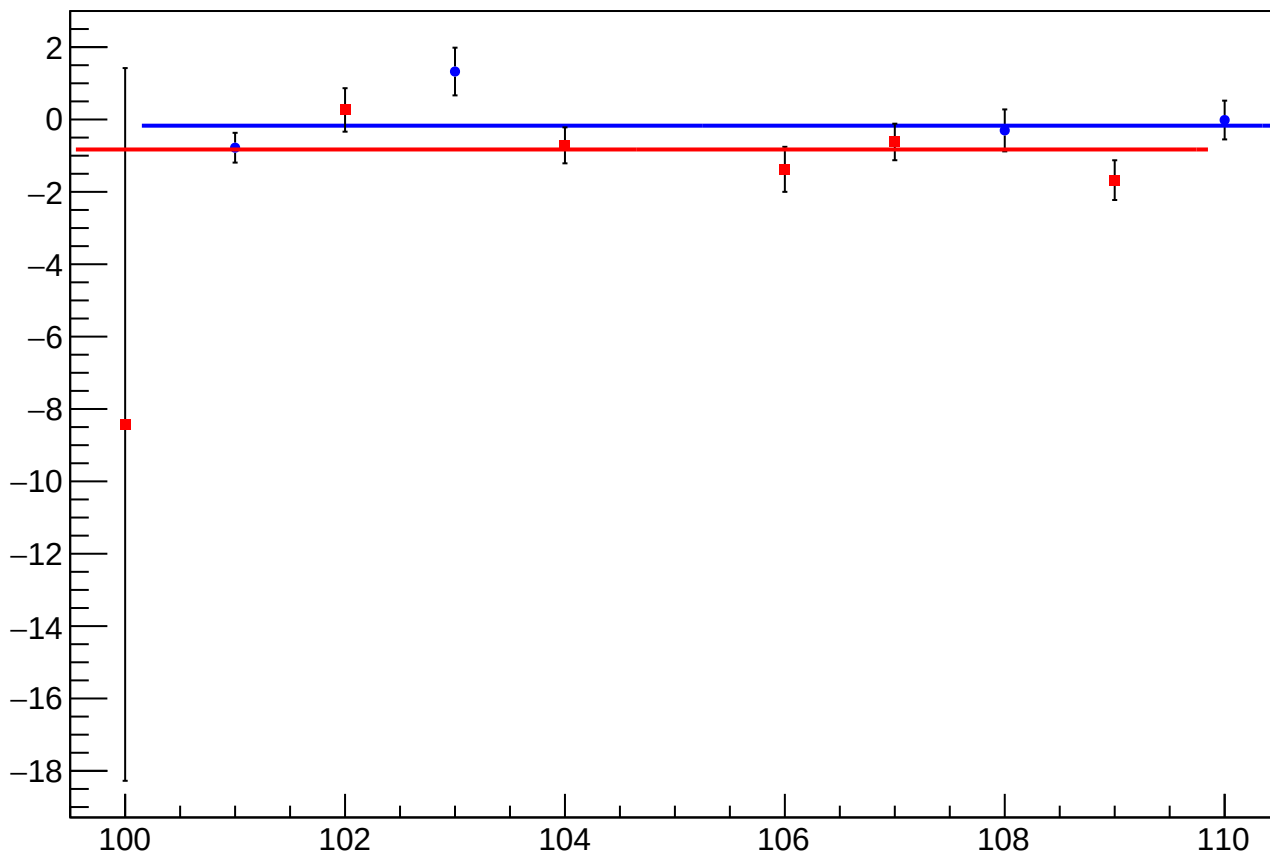
Right: 0.342 $\pm$ 0.165 χ^2 /NDF: 3.1/9

In: 0.240 $\pm$ 0.245 χ^2 /NDF: 2.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.342 $\pm$ 0.165 χ^2 /NDF: 3.1/9

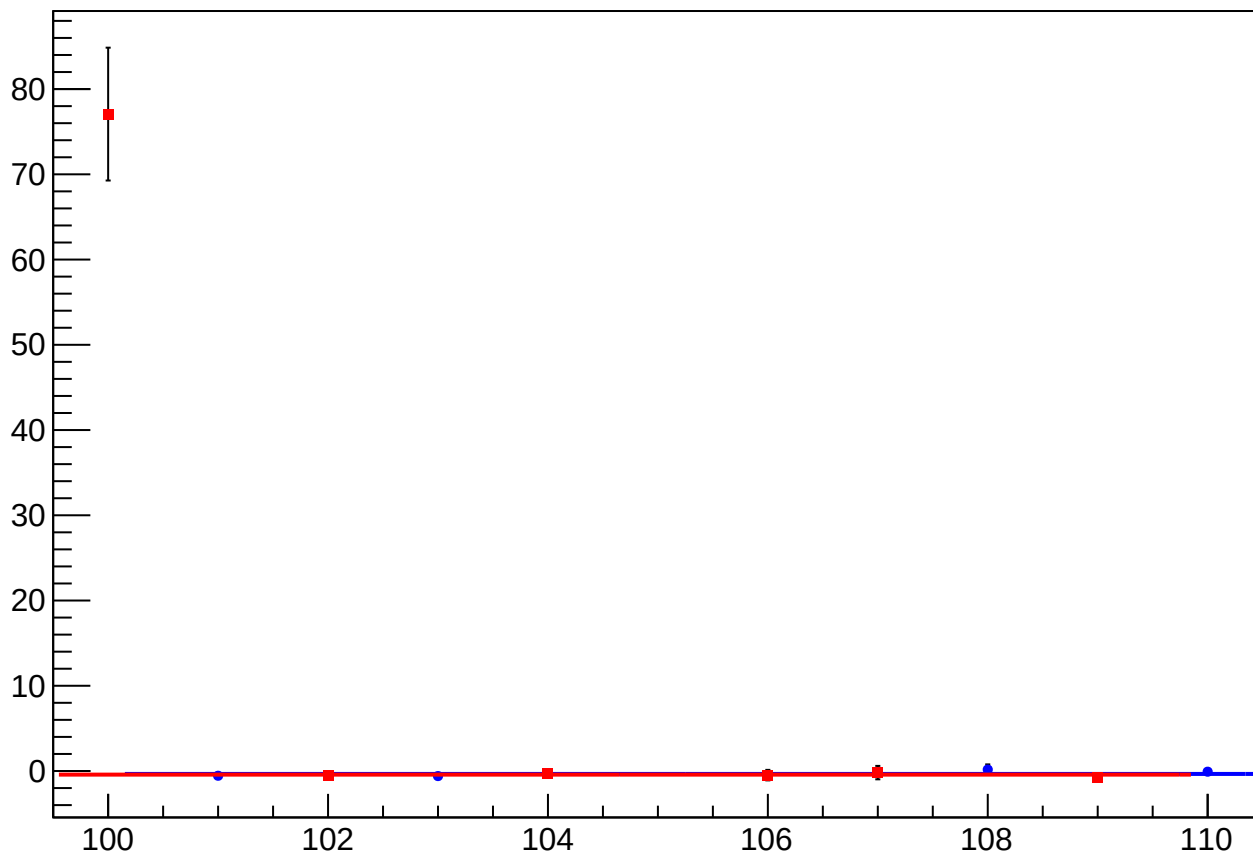
reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.171 ± 0.261 $\chi^2/\text{NDF}: 7.5/3$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.829 ± 0.245 $\chi^2/\text{NDF}: 7.3/5$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -0.521 ± 0.179 $\chi^2/\text{NDF}: 18.1/9$
 In: -0.171 ± 0.261 $\chi^2/\text{NDF}: 7.5/3$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.521 ± 0.179 $\chi^2/\text{NDF}: 18.1/9$

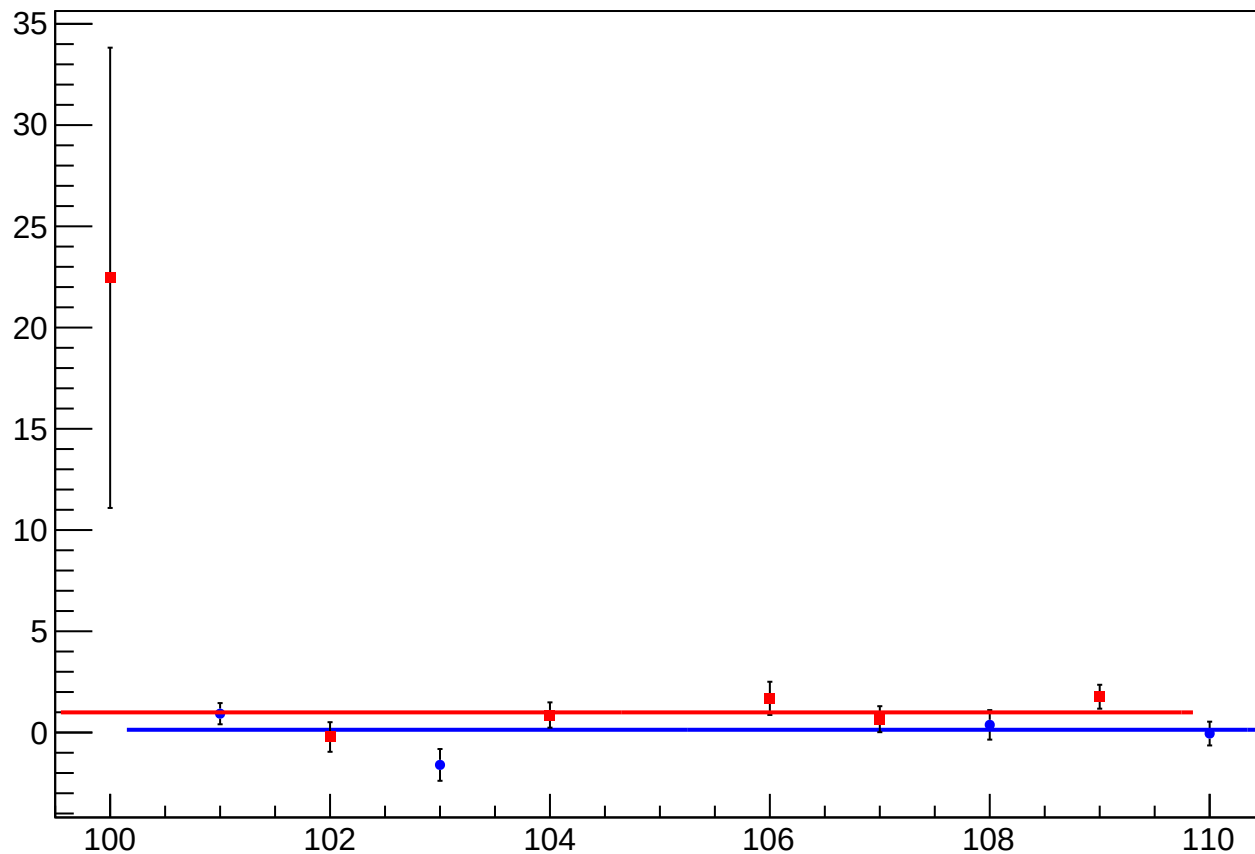
reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.343 ± 0.241 $\chi^2/\text{NDF}: 1.5/3$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.424 ± 0.234 $\chi^2/\text{NDF}: 99.5/5$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -0.385 ± 0.168 $\chi^2/\text{NDF}: 101.1/9$
 In: -0.343 ± 0.241 $\chi^2/\text{NDF}: 1.5/3$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.385 ± 0.168 $\chi^2/\text{NDF}: 101.1/9$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.135+/-0.315 χ^2/NDF : 7.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.994+/-0.298 χ^2/NDF : 9.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

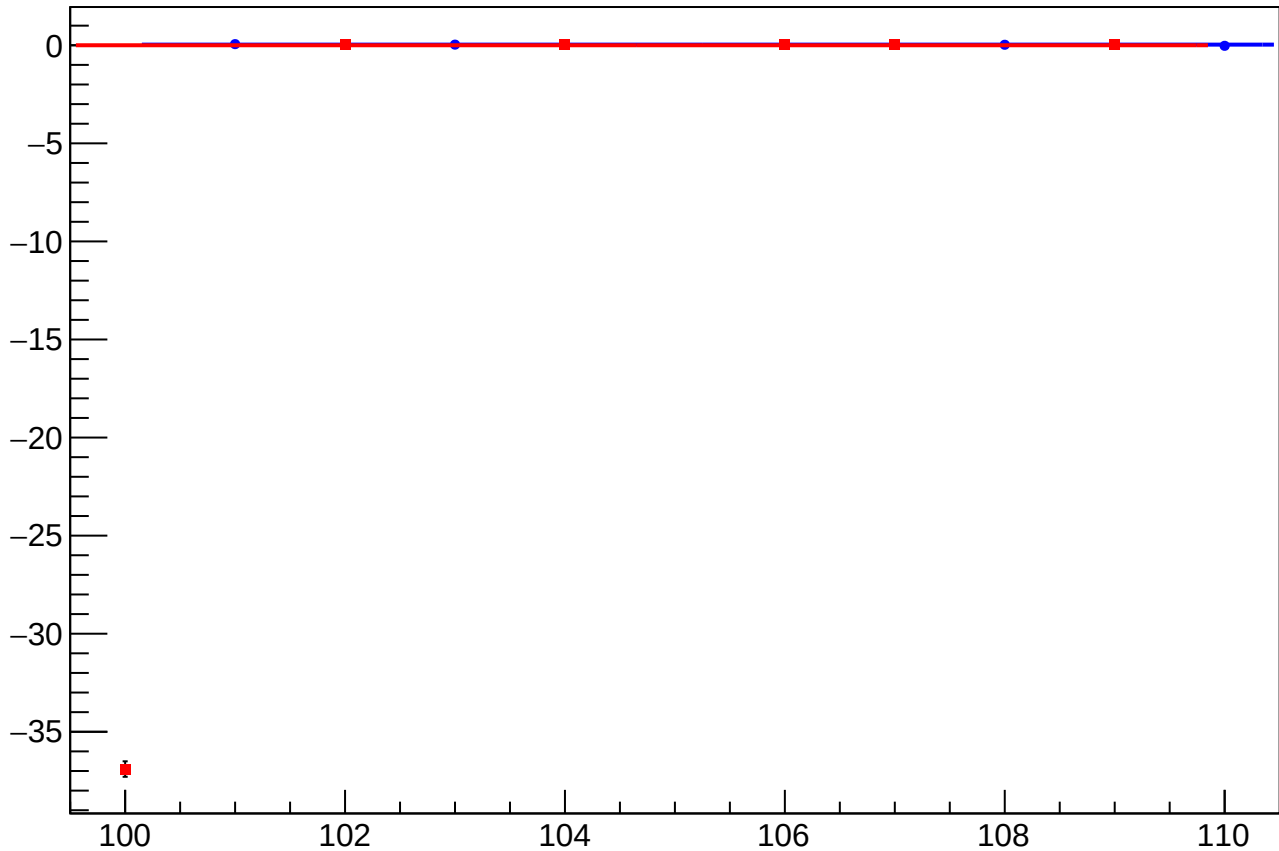
Right: 0.588+/-0.217 χ^2/NDF : 20.4/9

In: 0.135+/-0.315 χ^2/NDF : 7.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.588+/-0.217 χ^2/NDF : 20.4/9

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.033+/-0.012 χ^2/NDF : 3.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.012 χ^2/NDF : 8742.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

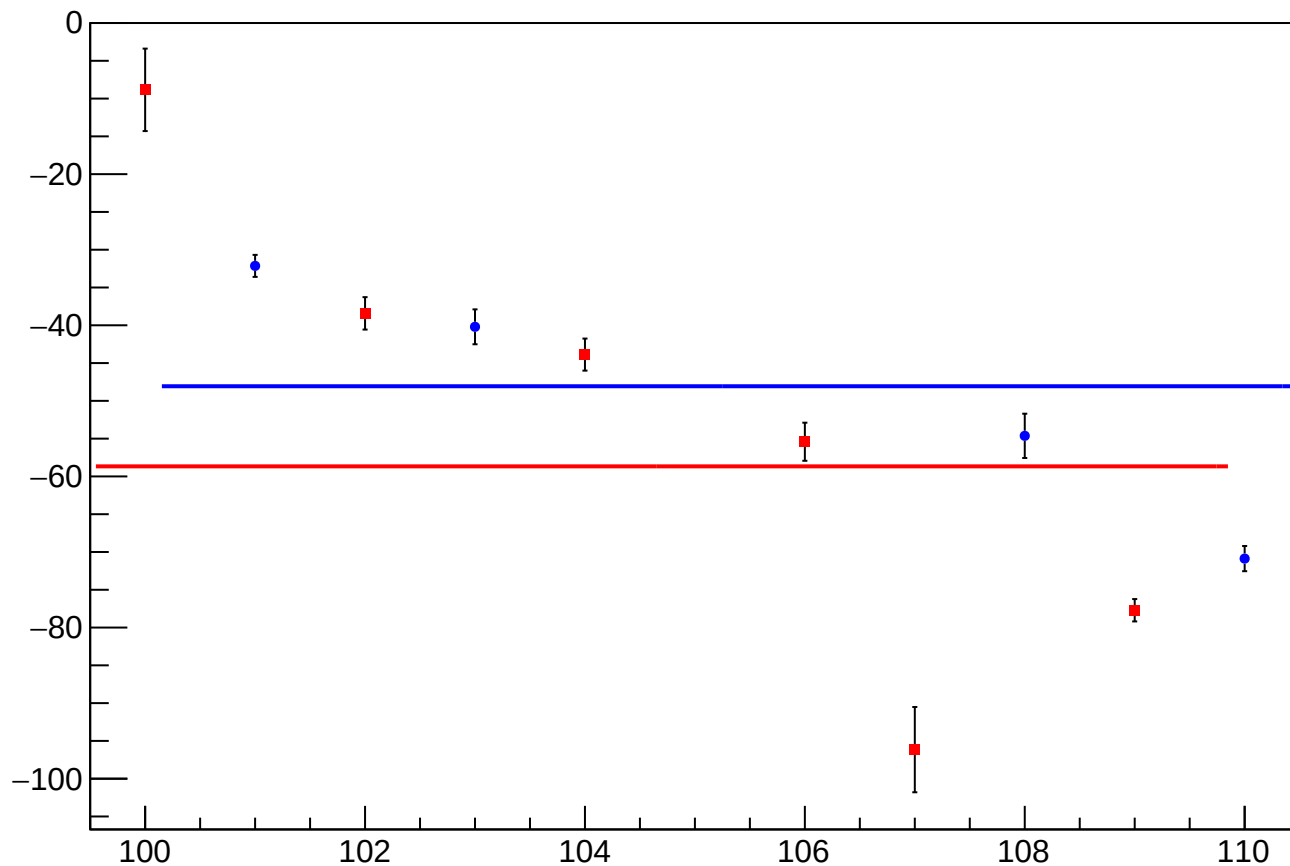
Right: 0.016+/-0.008 χ^2/NDF : 8749.4/9

In: 0.033+/-0.012 χ^2/NDF : 3.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.008 χ^2/NDF : 8749.4/9

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -48.067±/0.938 χ^2/NDF : 323.7/3

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: -58.669±/0.945 χ^2/NDF : 432.5/5

Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

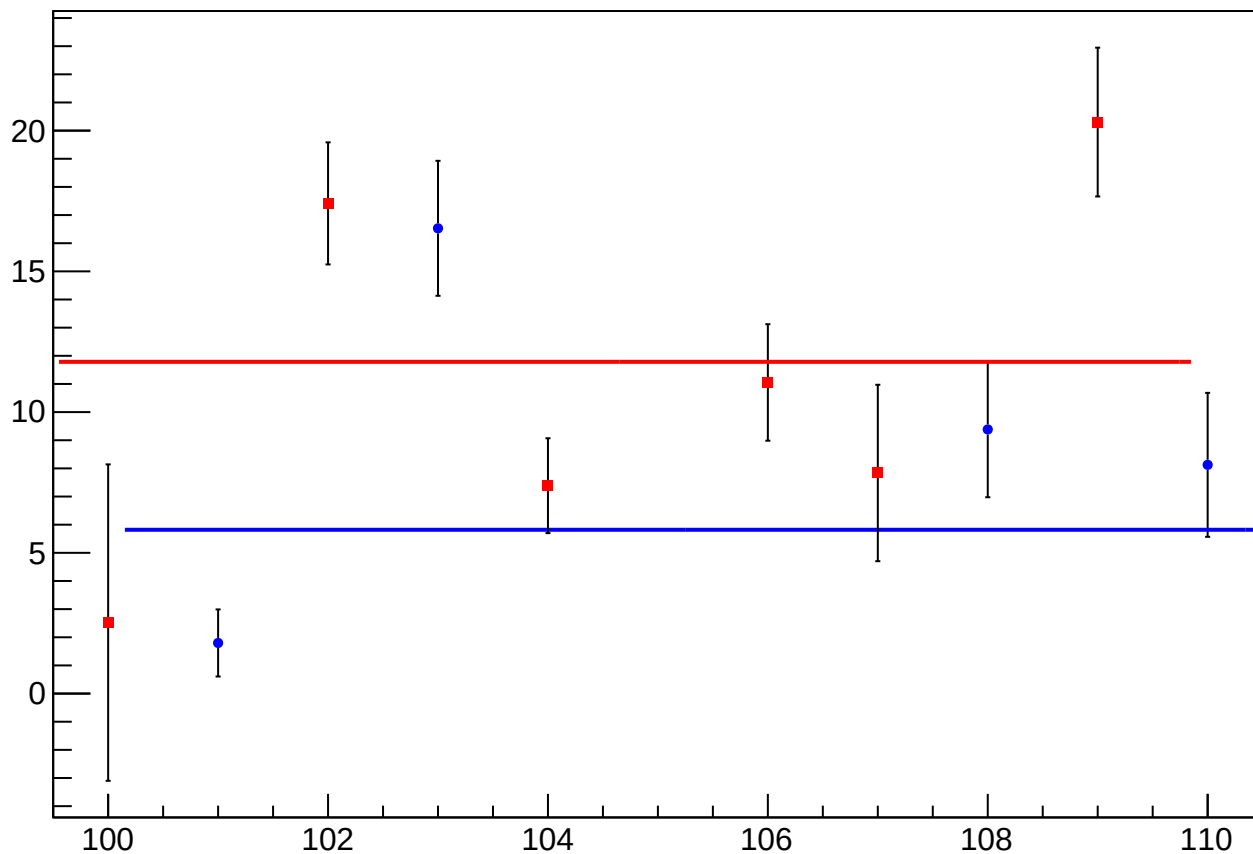
Right: -53.327±/0.666 χ^2/NDF : 819.5/9

In: -48.067±/0.938 χ^2/NDF : 323.7/3

Out: 0.000±/0.000 χ^2/NDF : 0.0/0

All: -53.327±/0.666 χ^2/NDF : 819.5/9

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.819+/-0.912 χ^2/NDF : 34.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.786+/-0.965 χ^2/NDF : 28.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

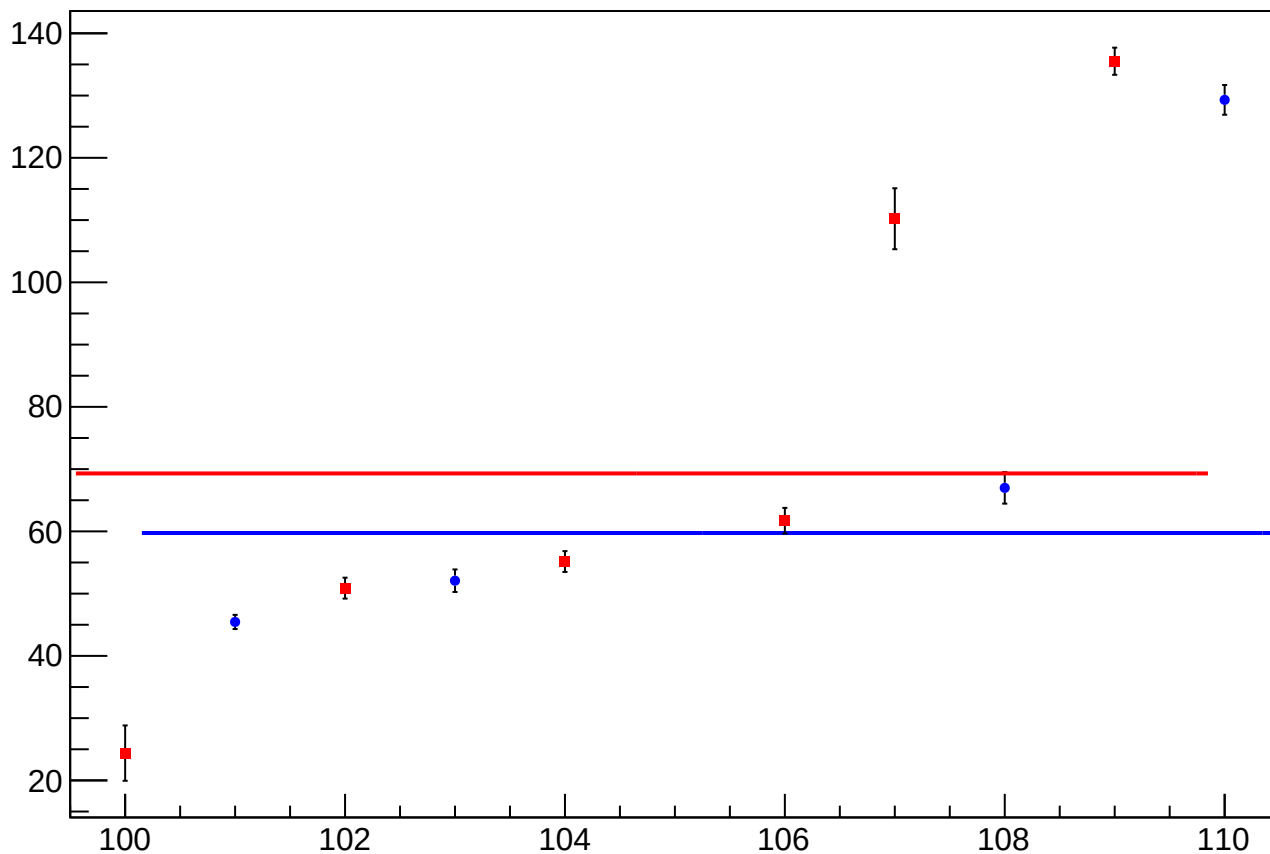
Right: 8.634+/-0.663 χ^2/NDF : 82.9/9

In: 5.819+/-0.912 χ^2/NDF : 34.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.634+/-0.663 χ^2/NDF : 82.9/9

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 59.737 $\pm$ 0.843 χ^2 /NDF: 1032.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.307 $\pm$ 0.895 χ^2 /NDF: 1300.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

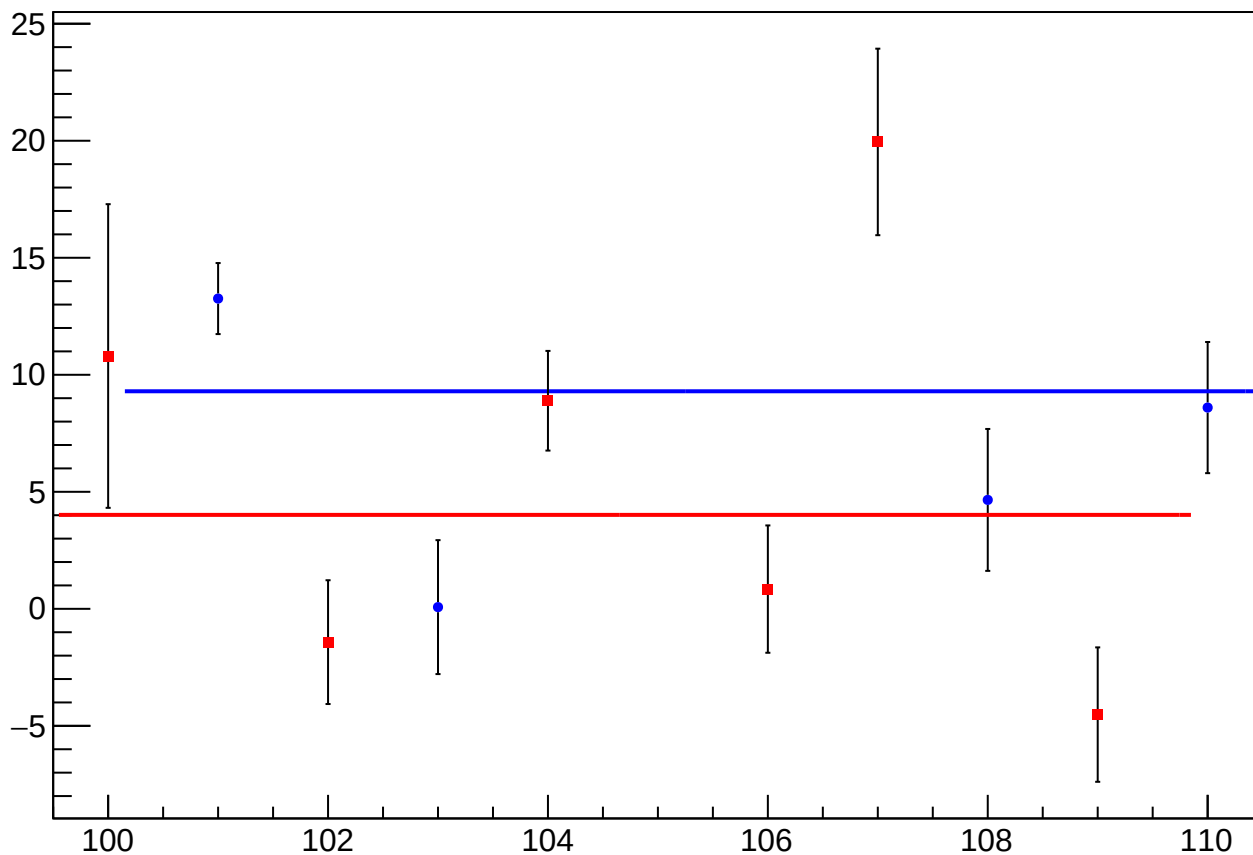
Right: 64.240 $\pm$ 0.614 χ^2 /NDF: 2392.6/9

In: 59.737 $\pm$ 0.843 χ^2 /NDF:1032.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.240 $\pm$ 0.614 χ^2 /NDF: 2392.6/9

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.296+/-1.123 χ^2/NDF : 19.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.014+/-1.190 χ^2/NDF : 36.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

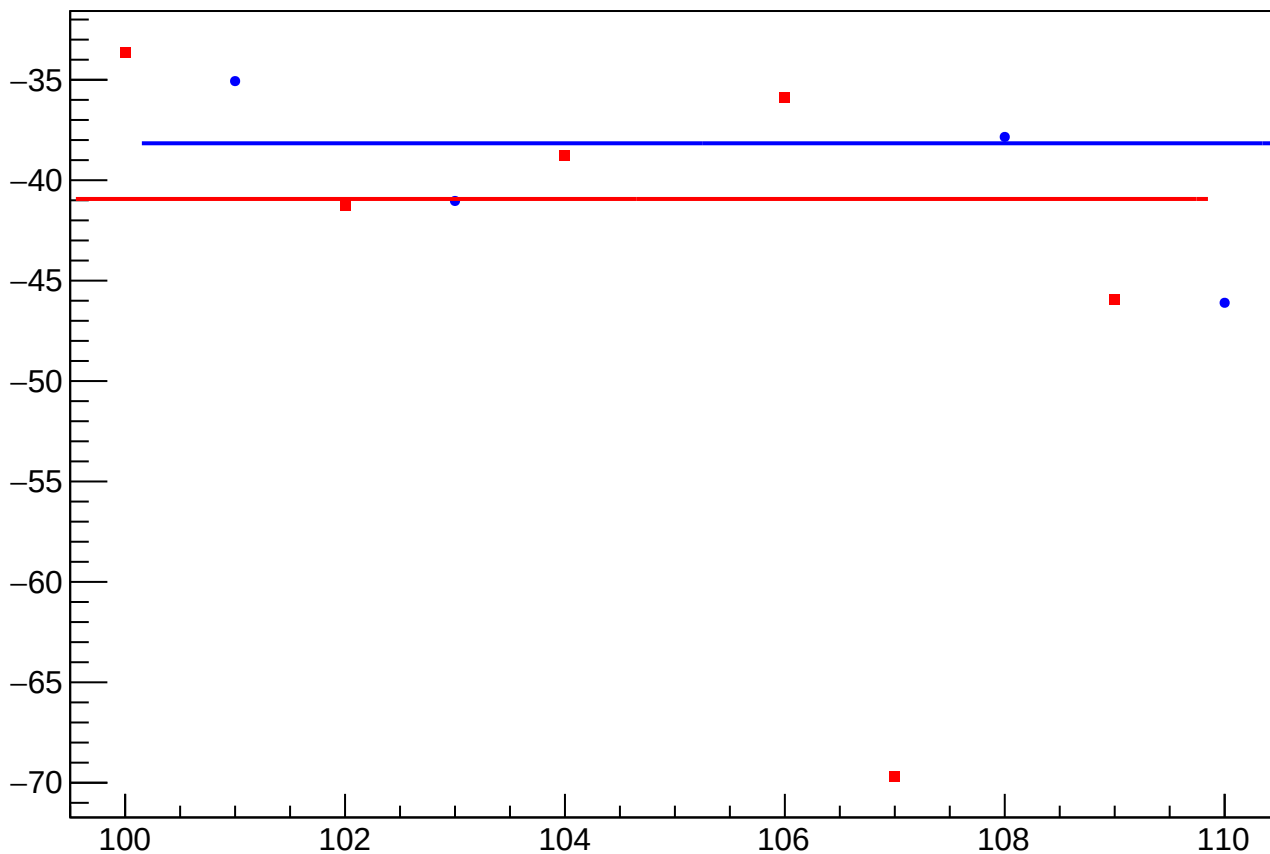
Right: 6.806+/-0.817 χ^2/NDF : 66.8/9

In: 9.296+/-1.123 χ^2/NDF : 19.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.806+/-0.817 χ^2/NDF : 66.8/9

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.161+/-0.044 χ^2/NDF : 5121.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.933+/-0.043 χ^2/NDF : 26532.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

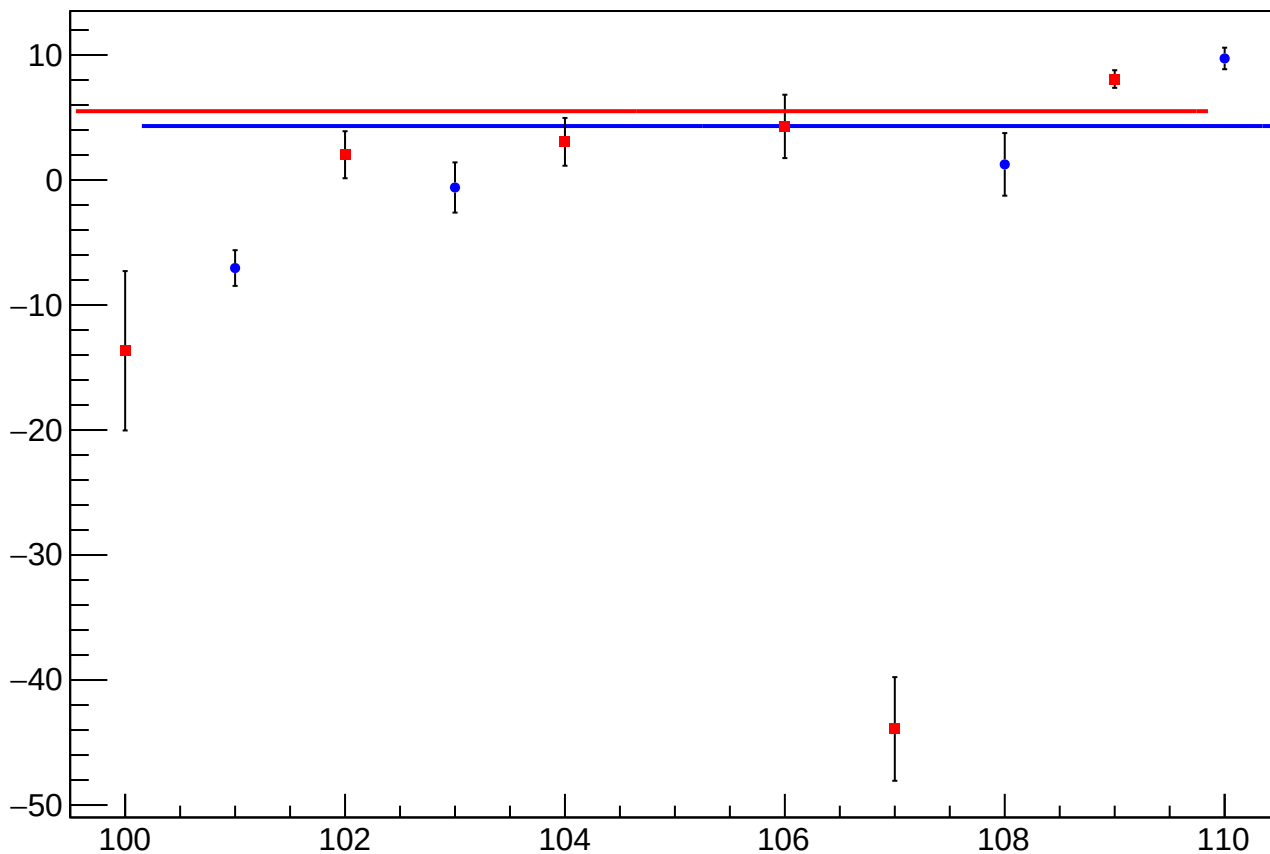
Right: -39.580+/-0.031 χ^2/NDF : 33654.4/9

In: -38.161+/-0.044 χ^2/NDF : 5121.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.580+/-0.031 χ^2/NDF : 33654.4/9

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.316+/-0.668 χ^2/NDF : 110.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.504+/-0.596 χ^2/NDF : 169.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

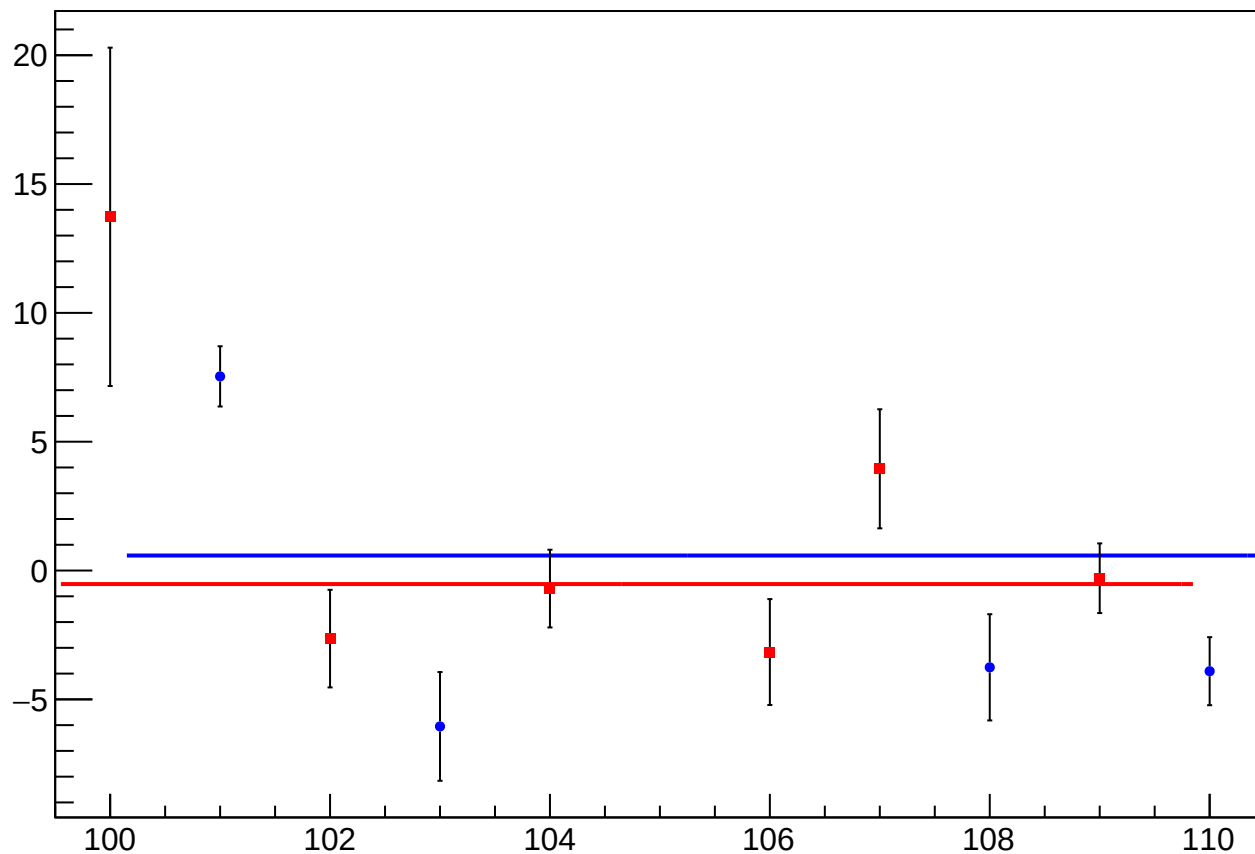
Right: 4.977+/-0.445 χ^2/NDF : 281.7/9

In: 4.316+/-0.668 χ^2/NDF : 110.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.977+/-0.445 χ^2/NDF : 281.7/9

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.583+/-0.753 χ^2/NDF : 61.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.525+/-0.764 χ^2/NDF : 11.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

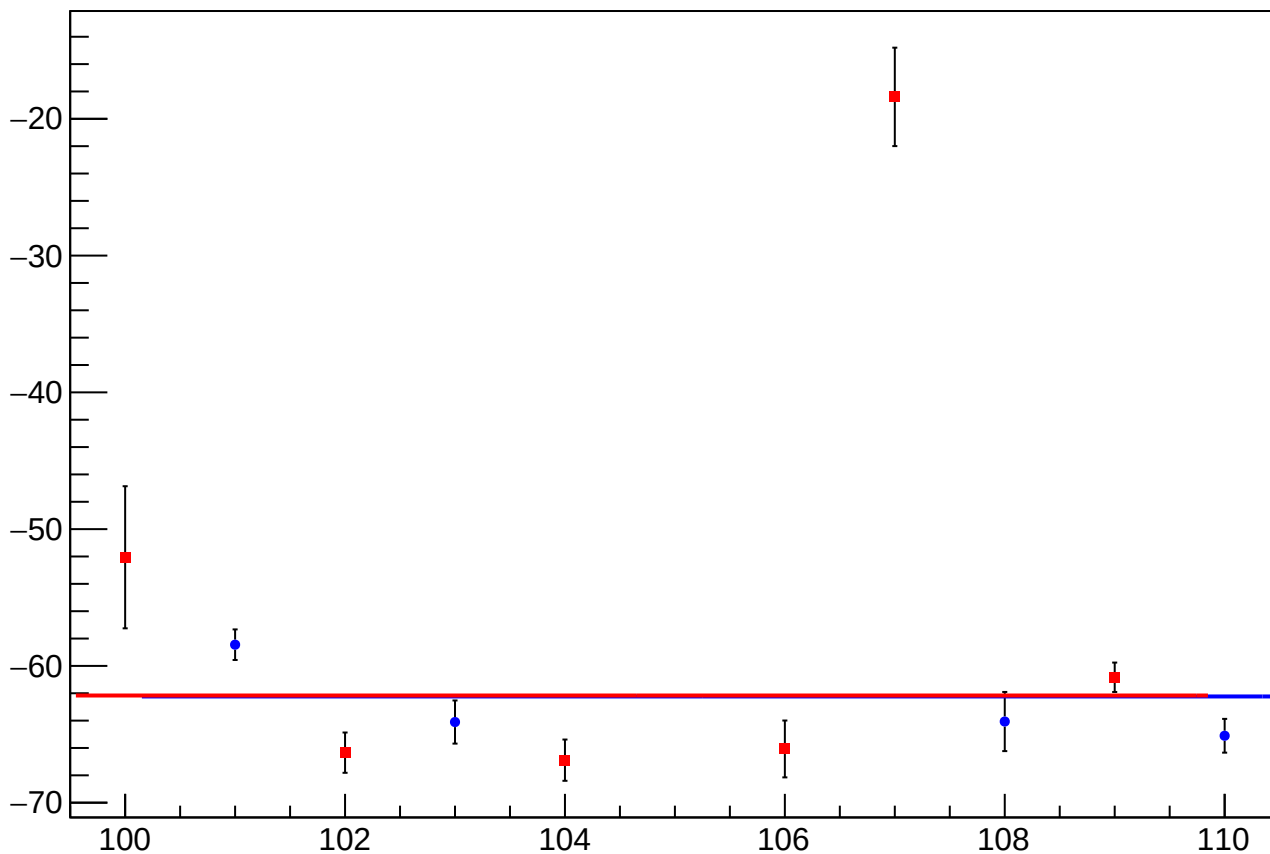
Right: 0.037+/-0.536 χ^2/NDF : 73.7/9

In: 0.583+/-0.753 χ^2/NDF : 61.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.037+/-0.536 χ^2/NDF : 73.7/9

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.233+/-0.695 χ^2/NDF : 19.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.164+/-0.688 χ^2/NDF : 174.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

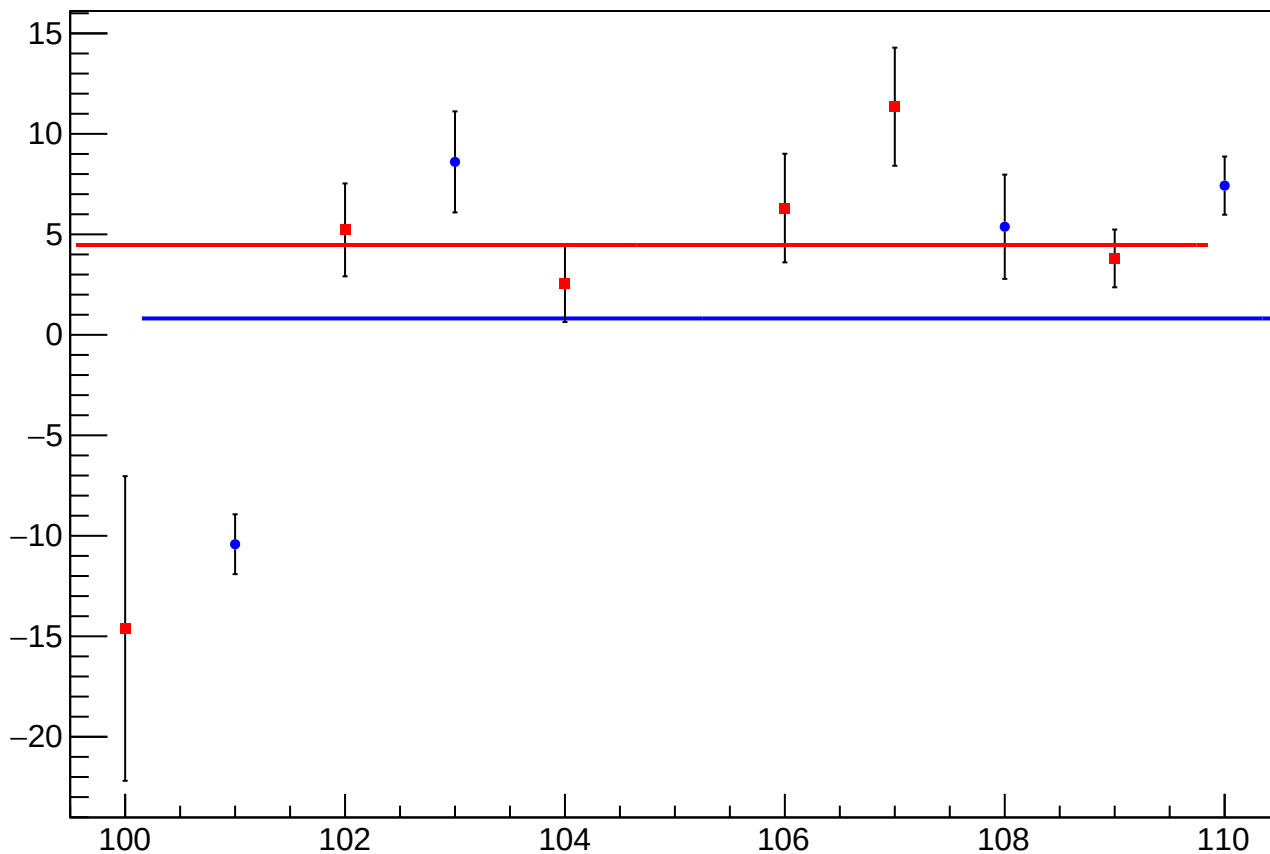
Right: -62.198+/-0.489 χ^2/NDF : 193.7/9

In: -62.233+/-0.695 χ^2/NDF : 19.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.198+/-0.489 χ^2/NDF : 193.7/9

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.816+/-0.900 χ^2/NDF : 90.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.470+/-0.906 χ^2/NDF : 13.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

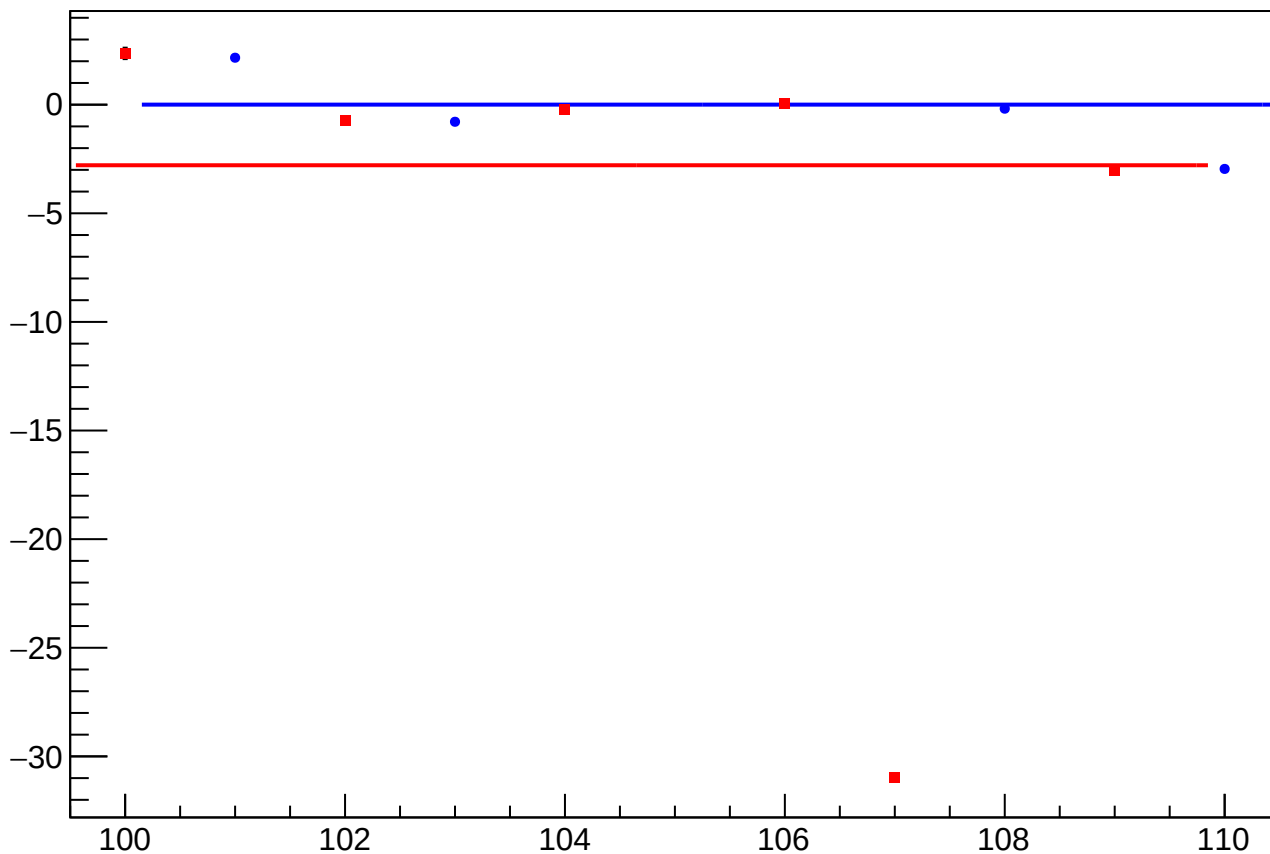
Right: 2.630+/-0.638 χ^2/NDF : 112.3/9

In: 0.816+/-0.900 χ^2/NDF : 90.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.630+/-0.638 χ^2/NDF : 112.3/9

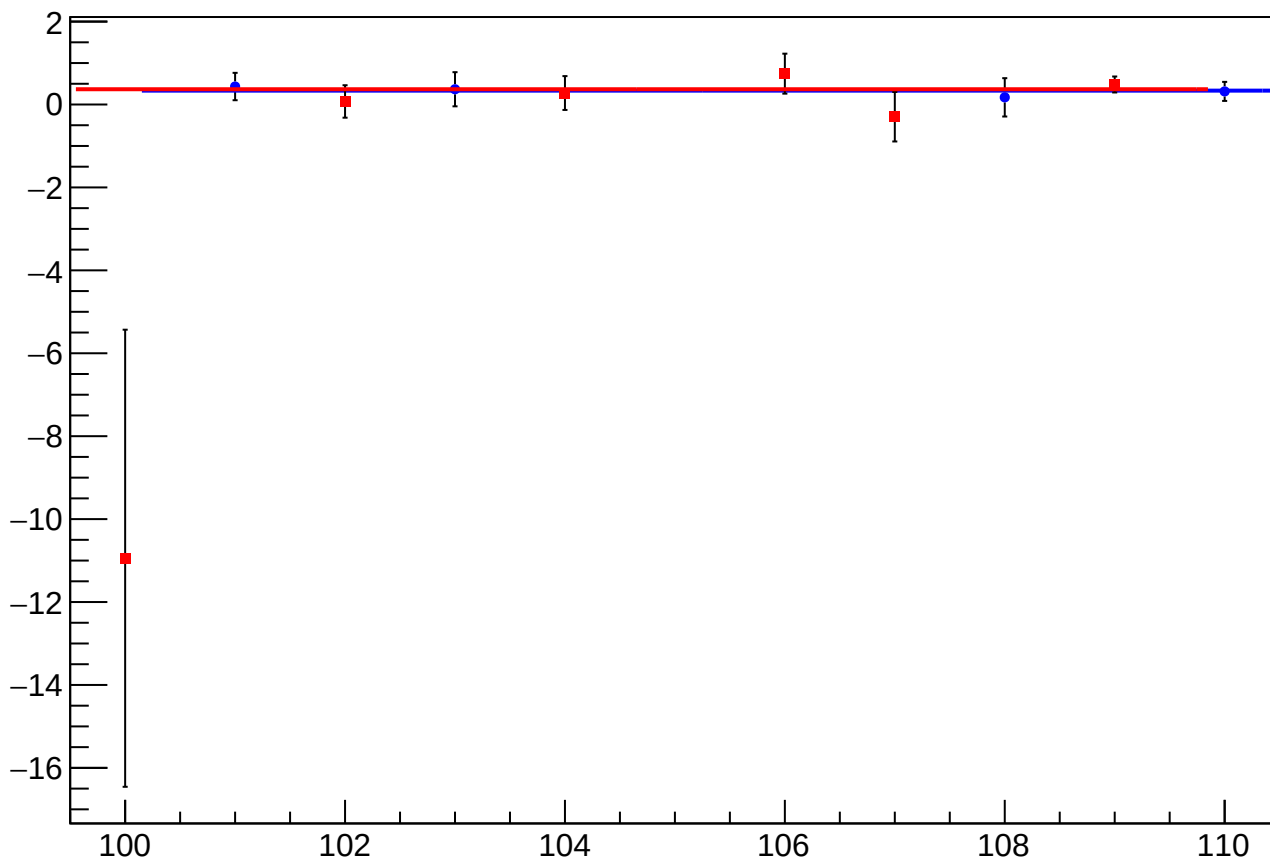
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.003+/-0.038 χ^2/NDF : 2026.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.788+/-0.037 χ^2/NDF : 40693.8/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.459+/-0.026 χ^2/NDF : 45487.4/9
 In: 0.003+/-0.038 χ^2/NDF : 2026.0/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.459+/-0.026 χ^2/NDF : 45487.4/9

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.335 $\pm$ 0.161 χ^2 /NDF: 0.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.368 $\pm$ 0.146 χ^2 /NDF: 7.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

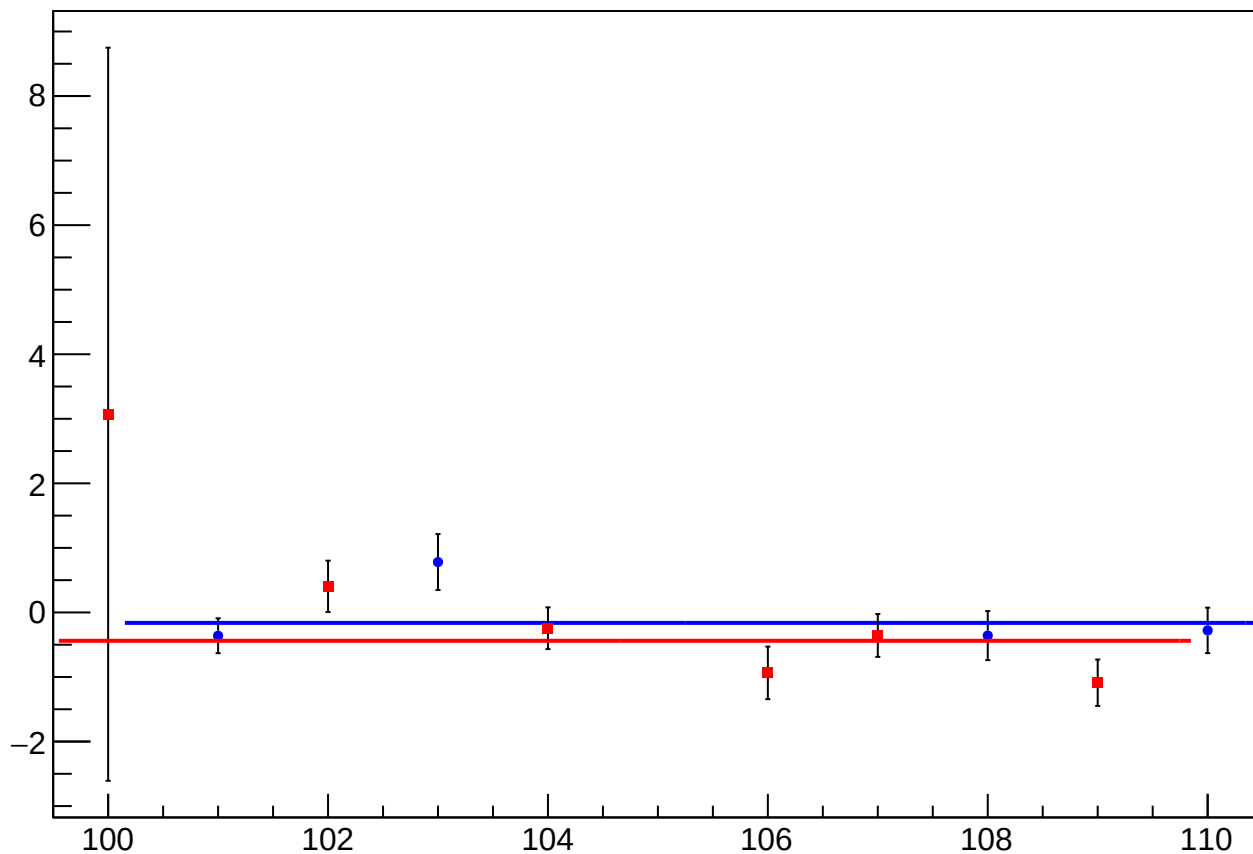
Right: 0.353 $\pm$ 0.108 χ^2 /NDF: 7.3/9

In: 0.335 $\pm$ 0.161 χ^2 /NDF: 0.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.353 $\pm$ 0.108 χ^2 /NDF: 7.3/9

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.162 ± 0.171 χ^2/NDF : 5.7/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.439 ± 0.161 χ^2/NDF : 10.1/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

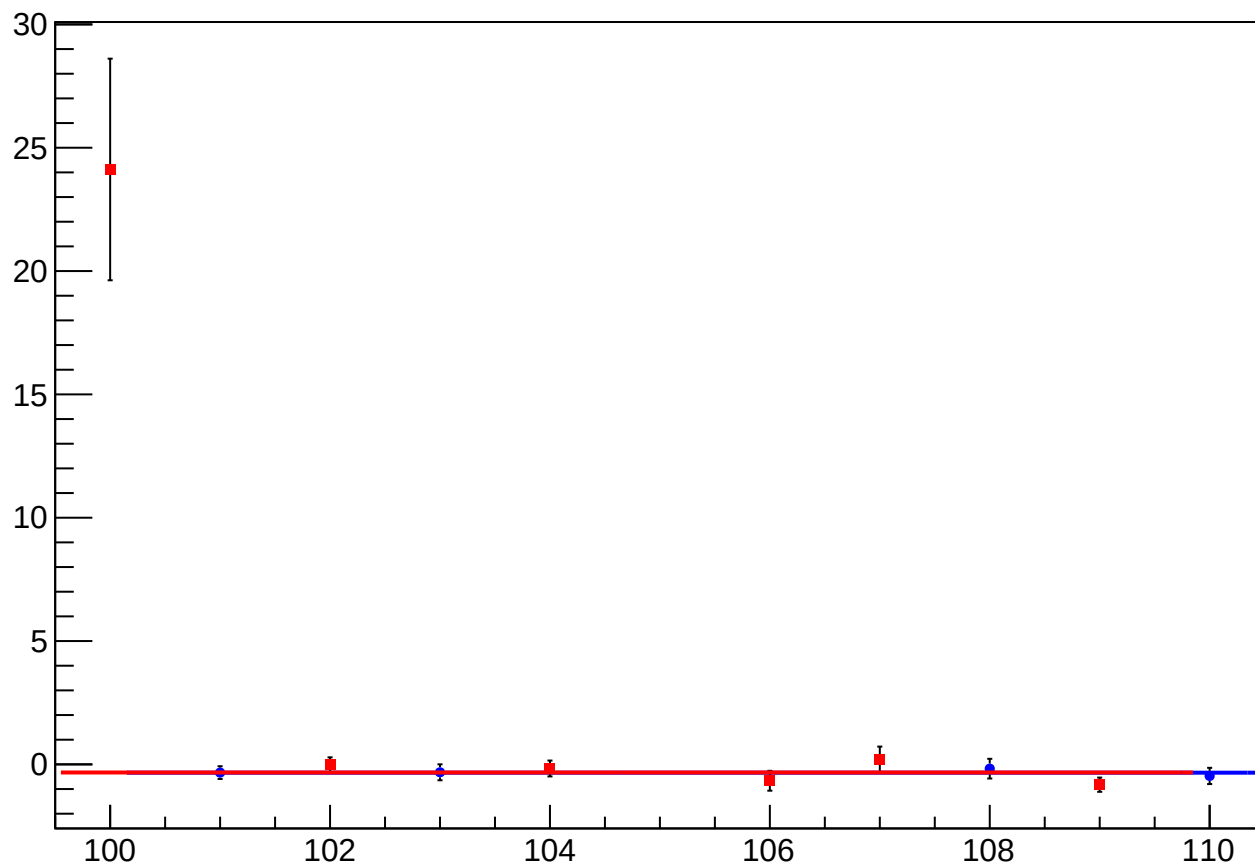
Right: -0.309 ± 0.117 χ^2/NDF : 17.1/9

In: -0.162 ± 0.171 χ^2/NDF : 5.7/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.309 ± 0.117 χ^2/NDF : 17.1/9

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.337 ± 0.158 χ^2/NDF : 0.3/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.329 ± 0.154 χ^2/NDF : 35.6/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

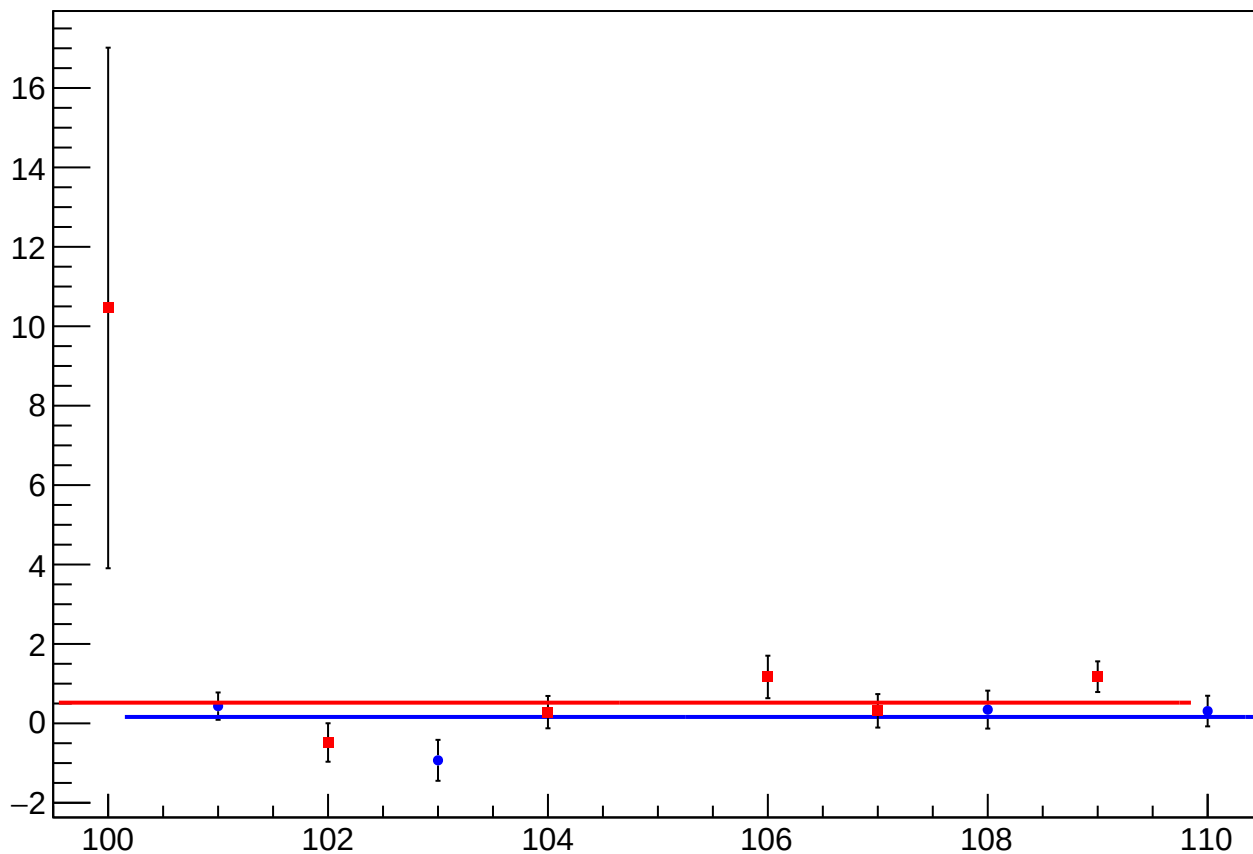
Right: -0.333 ± 0.110 χ^2/NDF : 35.9/9

In: -0.337 ± 0.158 χ^2/NDF : 0.3/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.333 ± 0.110 χ^2/NDF : 35.9/9

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.162 $\pm$ 0.207 χ^2 /NDF: 5.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.522 $\pm$ 0.196 χ^2 /NDF: 11.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

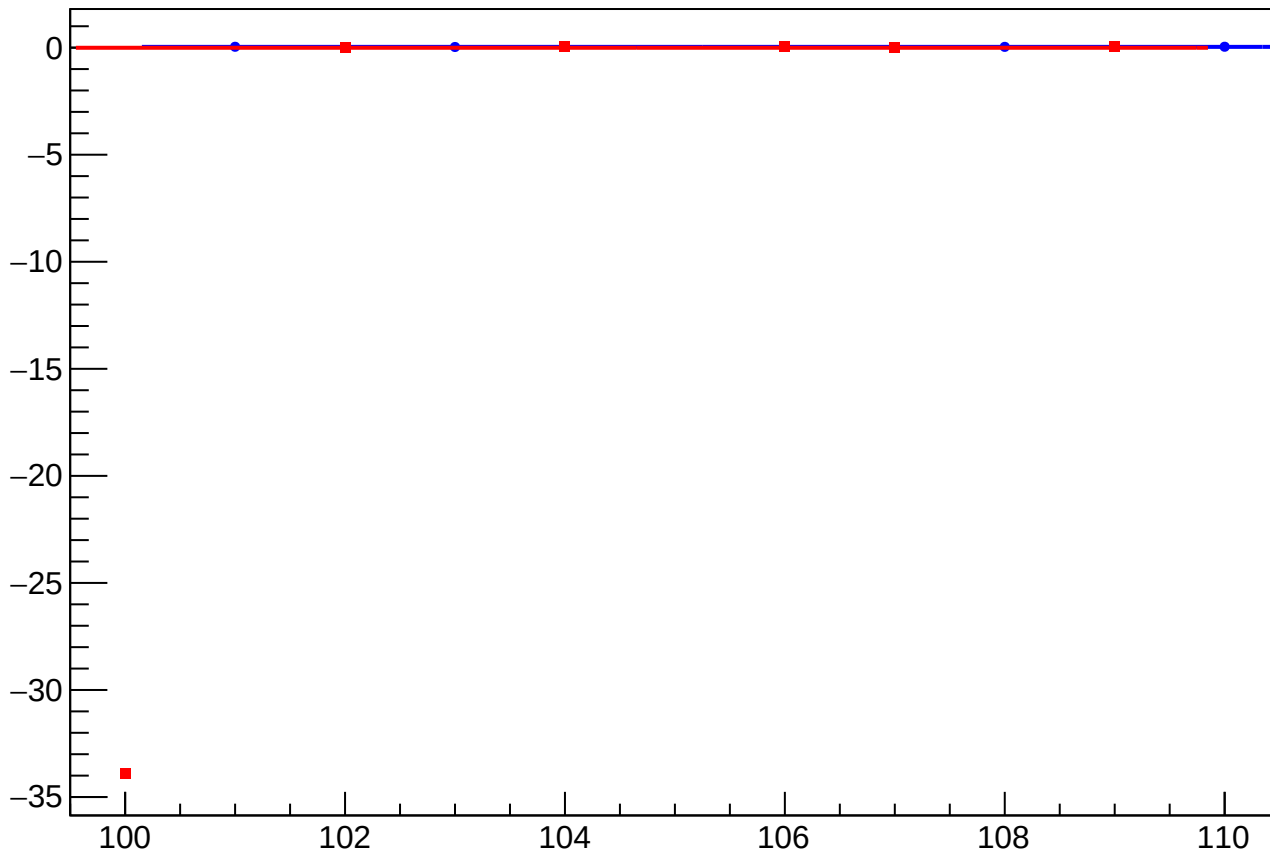
Right: 0.352 $\pm$ 0.142 χ^2 /NDF: 18.5/9

In: 0.162 $\pm$ 0.207 χ^2 /NDF: 5.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.352 $\pm$ 0.142 χ^2 /NDF: 18.5/9

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.037 $\pm$ 0.008 χ^2 /NDF: 0.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.005 $\pm$ 0.008 χ^2 /NDF: 22246.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

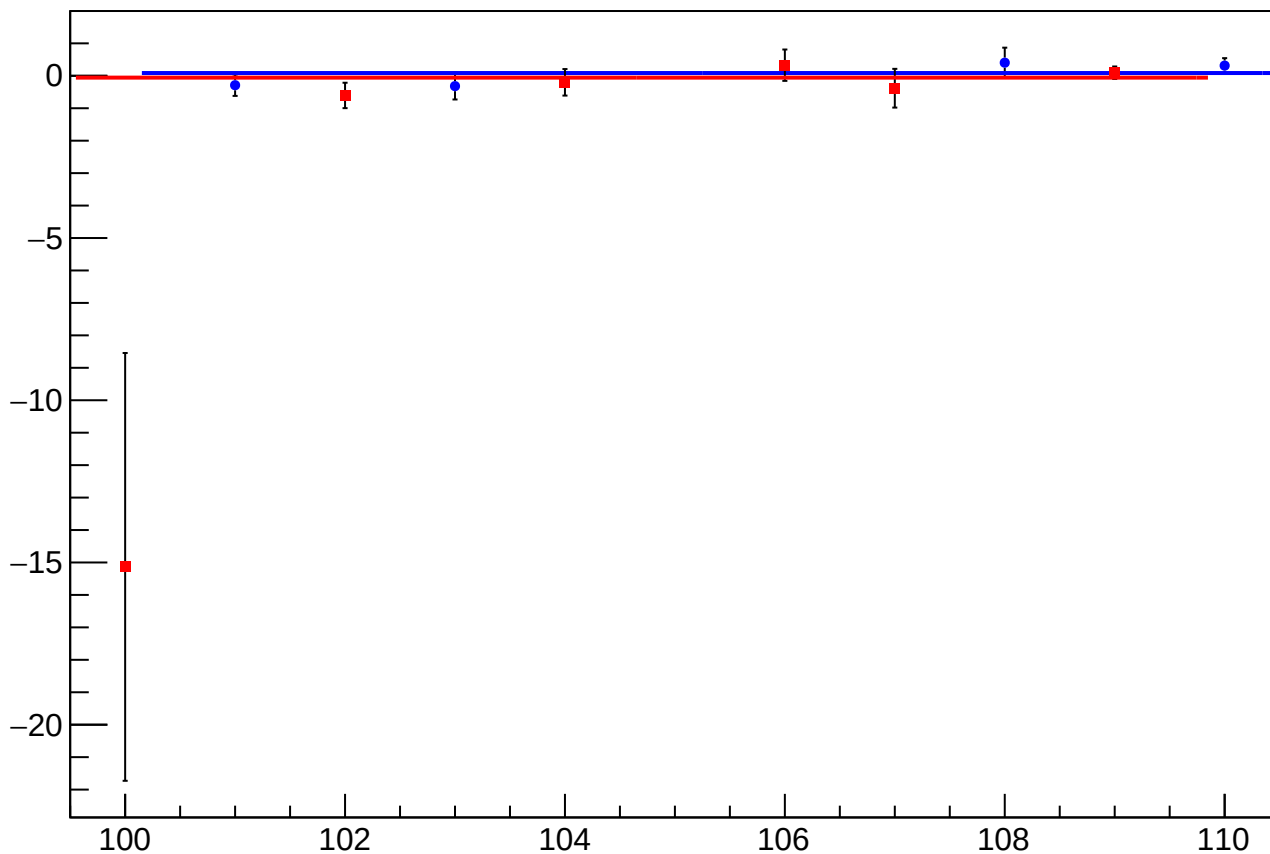
Right: 0.014 $\pm$ 0.006 χ^2 /NDF: 22260.8/9

In: 0.037 $\pm$ 0.008 χ^2 /NDF: 0.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.006 χ^2 /NDF: 22260.8/9

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.085+/-0.161 χ^2/NDF : 3.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.056+/-0.146 χ^2/NDF : 8.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

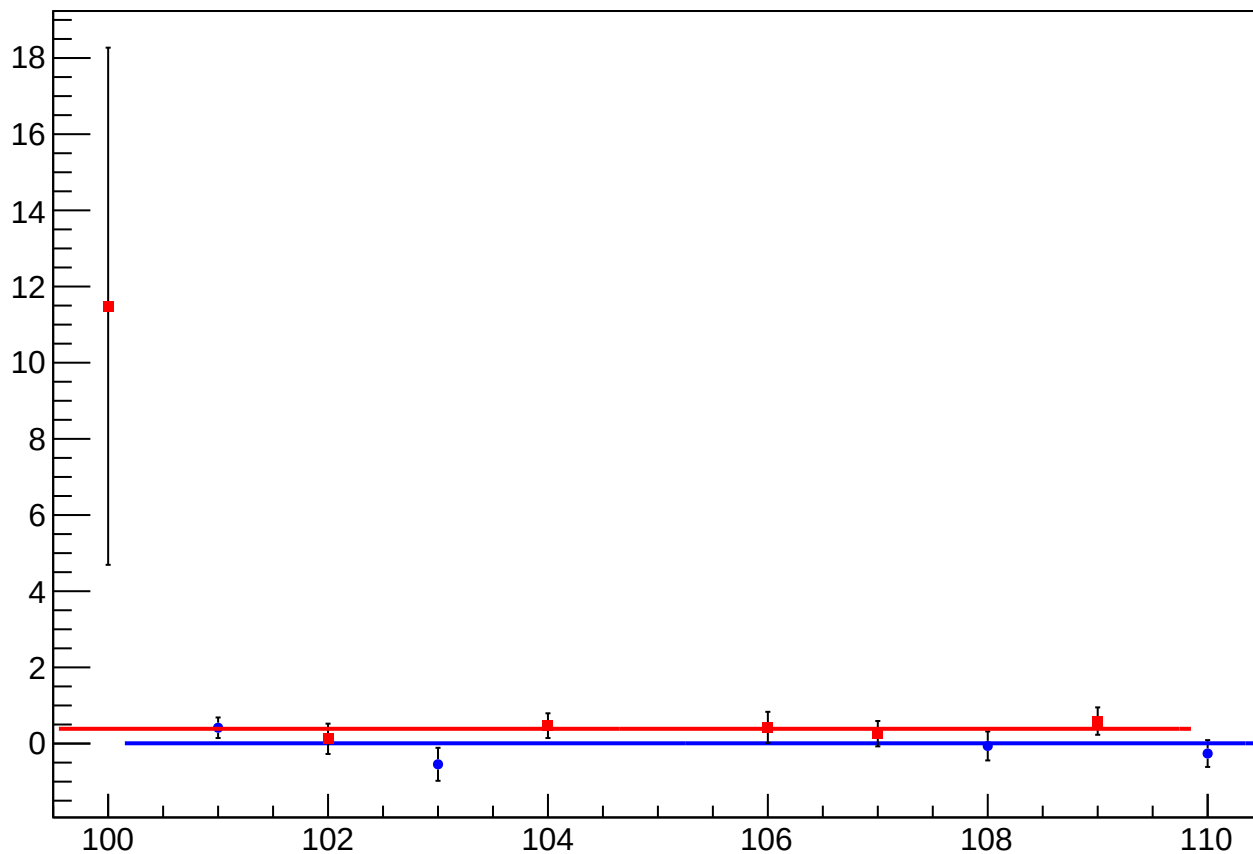
Right: 0.008+/-0.108 χ^2/NDF : 13.0/9

In: 0.085+/-0.161 χ^2/NDF : 3.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.108 χ^2/NDF : 13.0/9

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.171 χ^2 /NDF: 4.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.387 $\pm$ 0.161 χ^2 /NDF: 3.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

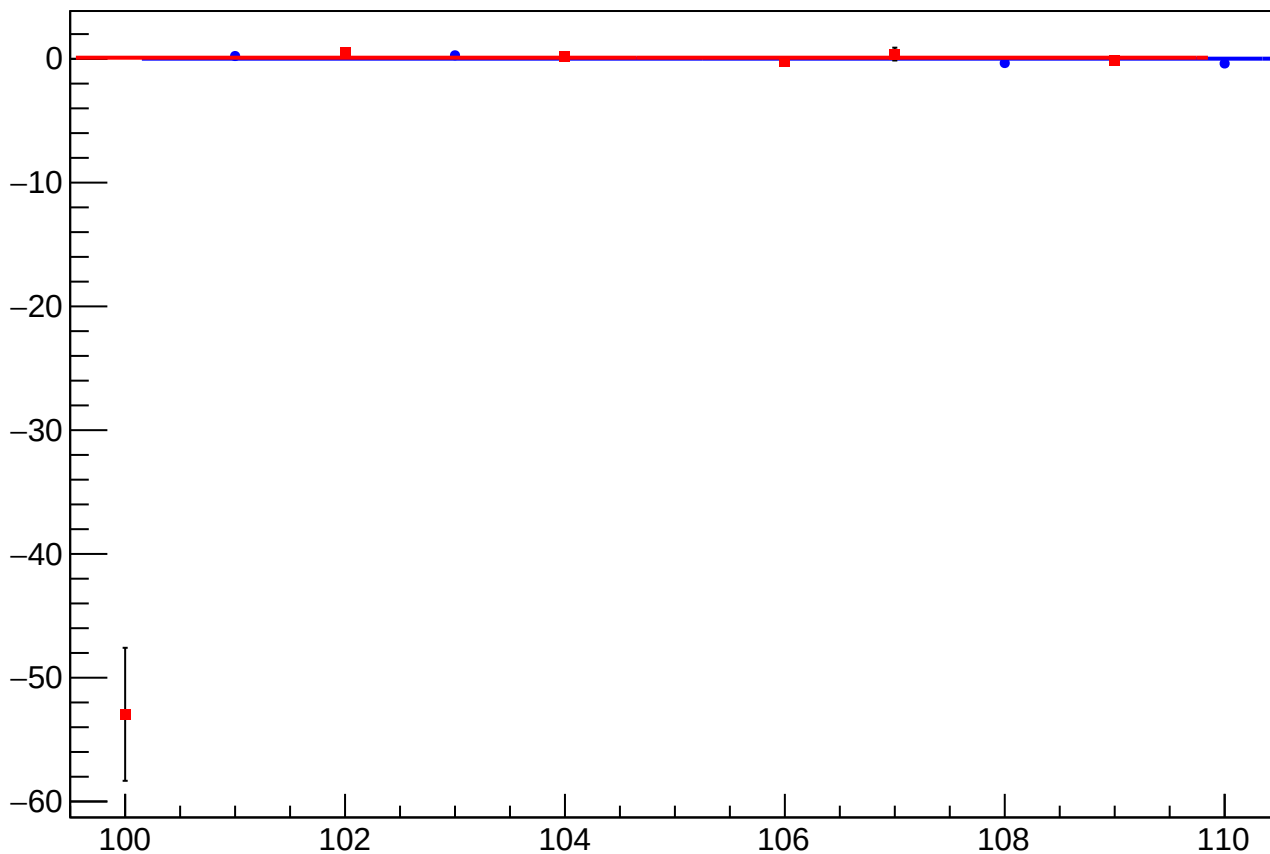
Right: 0.209 $\pm$ 0.117 χ^2 /NDF: 10.8/9

In: 0.007 $\pm$ 0.171 χ^2 /NDF:4.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.209 $\pm$ 0.117 χ^2 /NDF: 10.8/9

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.014+/-0.158 χ^2/NDF : 3.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.093+/-0.154 χ^2/NDF : 100.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

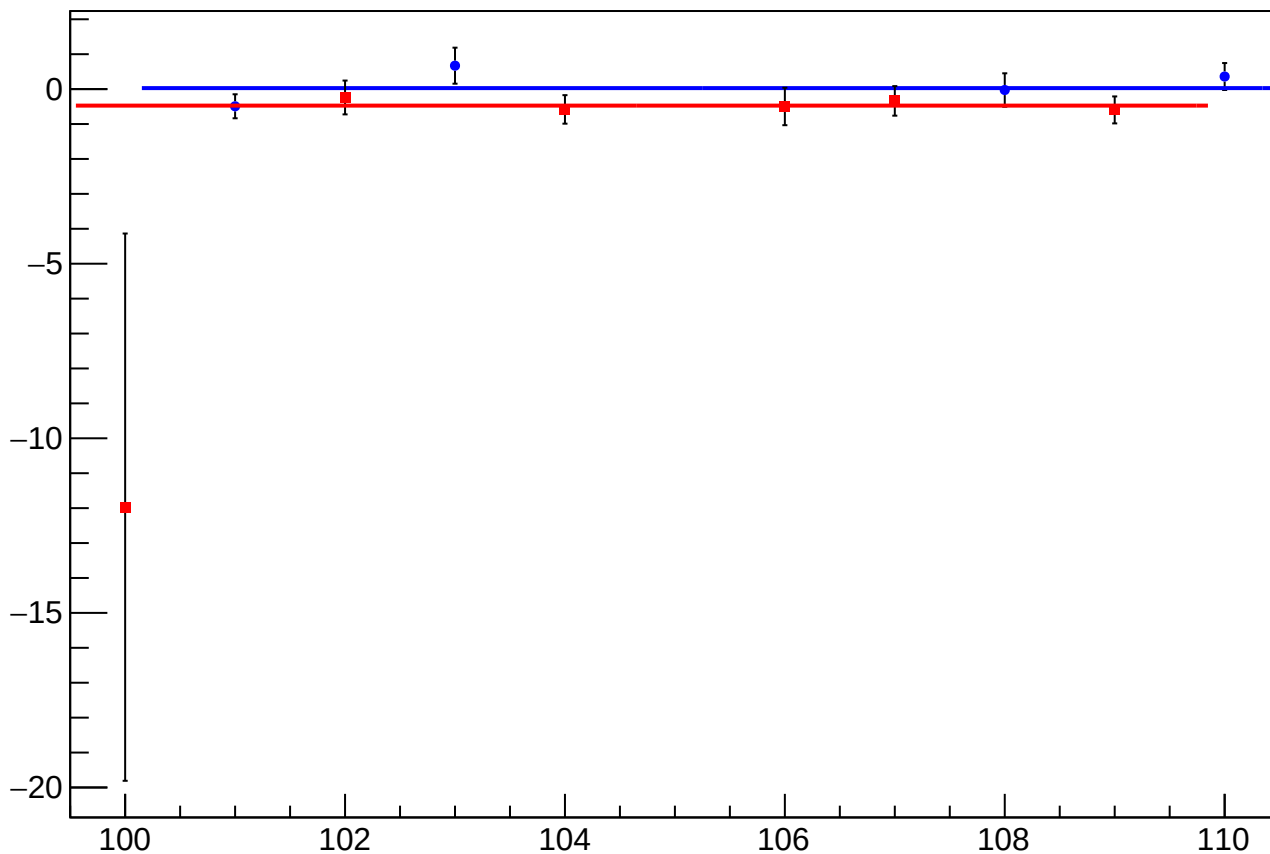
Right: 0.055+/-0.110 χ^2/NDF : 104.3/9

In: 0.014+/-0.158 χ^2/NDF : 3.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.055+/-0.110 χ^2/NDF : 104.3/9

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.207 χ^2 /NDF: 4.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.473 $\pm$ 0.196 χ^2 /NDF: 2.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

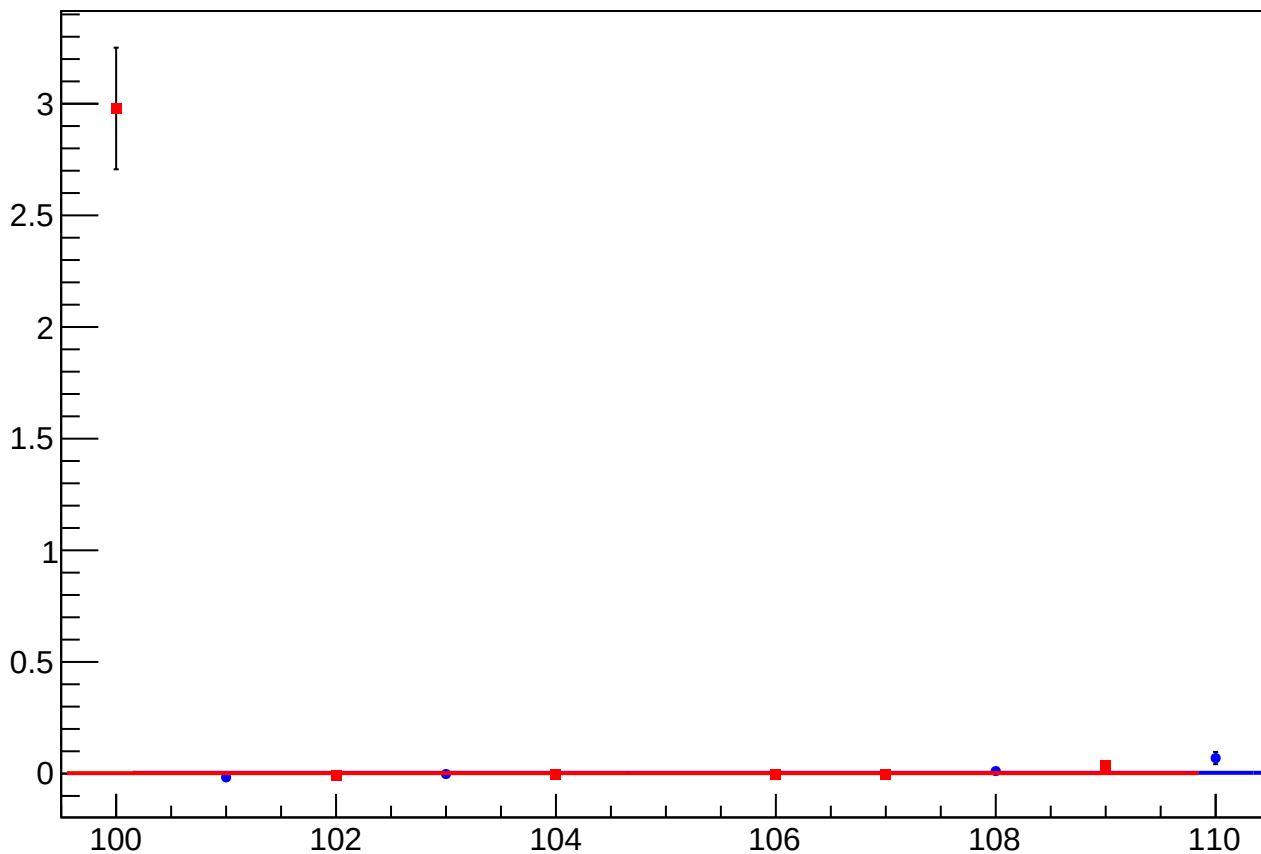
Right: -0.236 $\pm$ 0.142 χ^2 /NDF: 10.3/9

In: 0.029 $\pm$ 0.207 χ^2 /NDF: 4.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.236 $\pm$ 0.142 χ^2 /NDF: 10.3/9

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.008 χ^2 /NDF: 8.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.008 χ^2 /NDF: 123.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

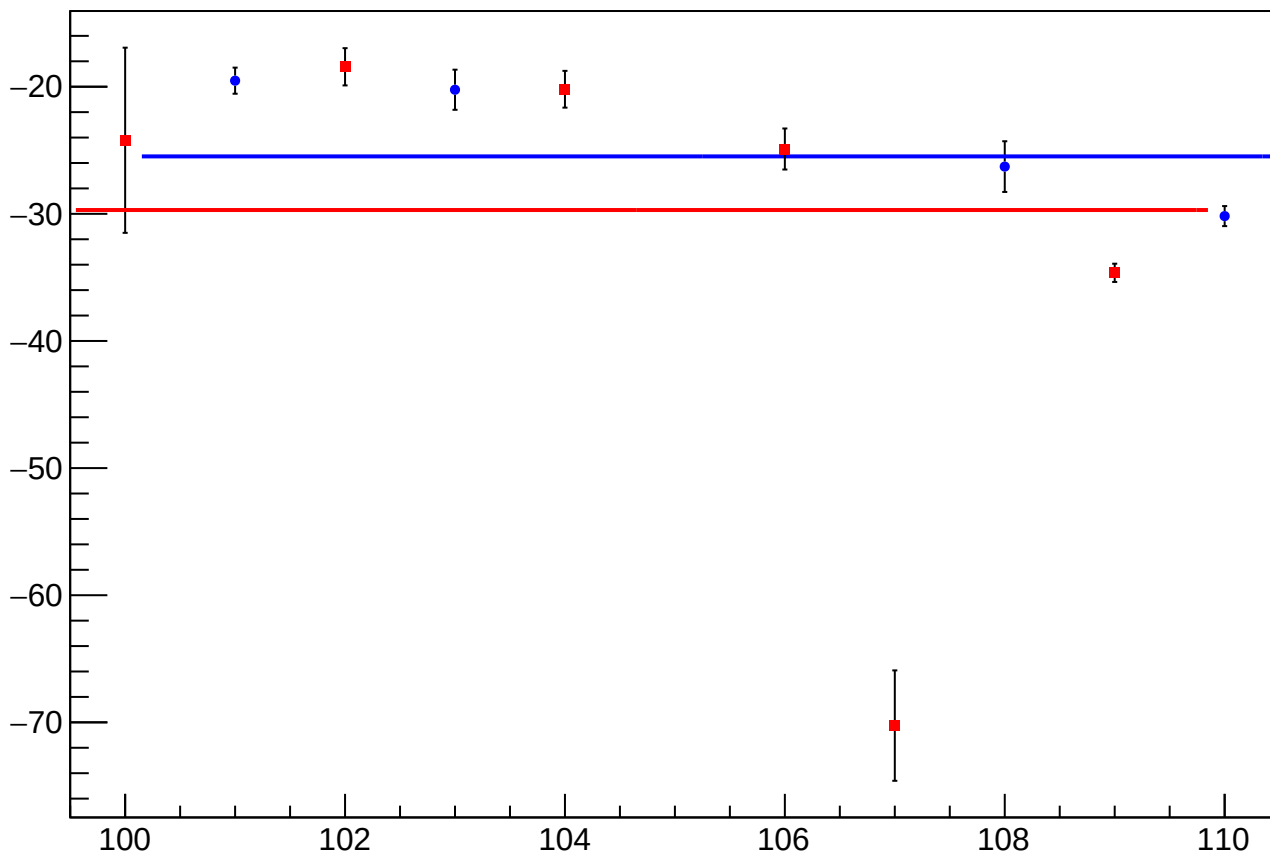
Right: 0.003 $\pm$ 0.006 χ^2 /NDF: 131.0/9

In: 0.004 $\pm$ 0.008 χ^2 /NDF: 8.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.006 χ^2 /NDF: 131.0/9

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.481+/-0.558 χ^2/NDF : 80.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.699+/-0.547 χ^2/NDF : 246.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

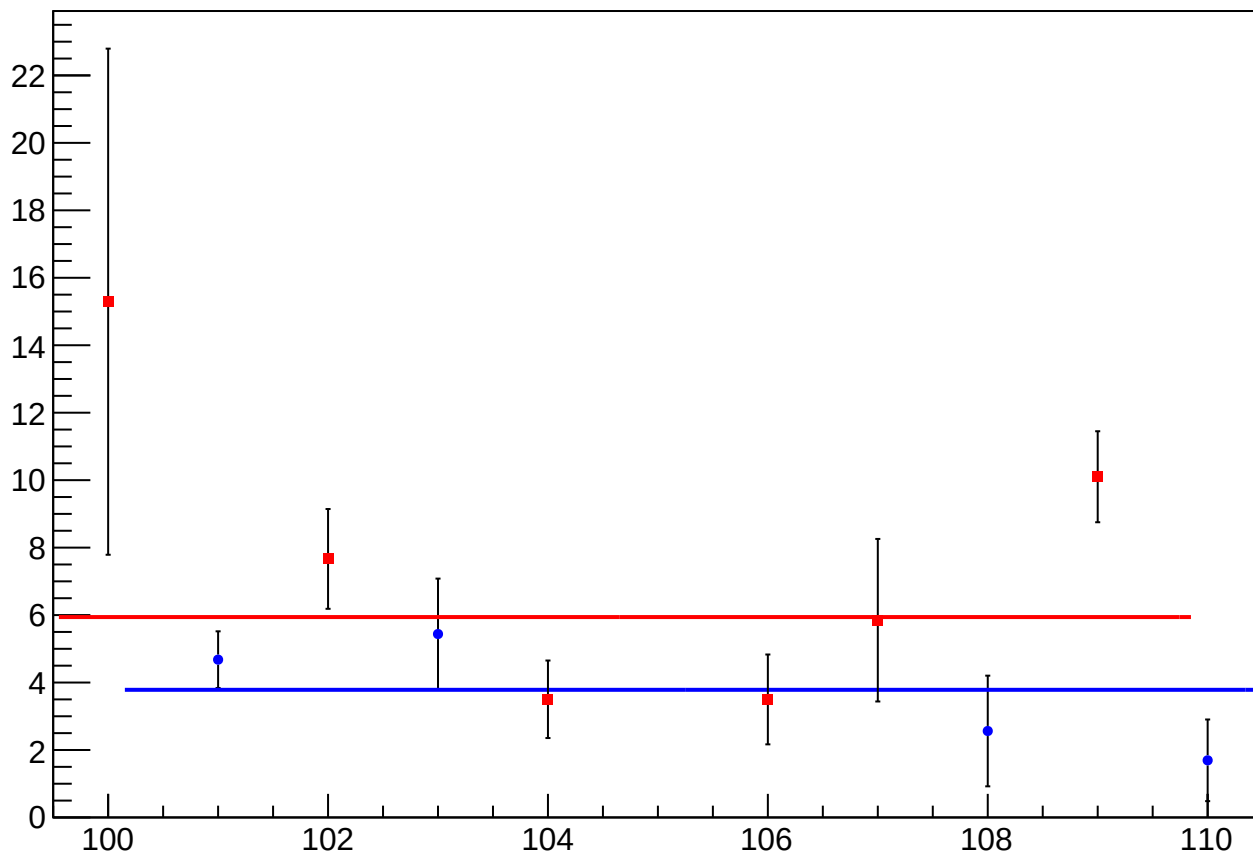
Right: -27.632+/-0.391 χ^2/NDF : 355.7/9

In: -25.481+/-0.558 χ^2/NDF : 80.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.632+/-0.391 χ^2/NDF : 355.7/9

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.784+/-0.593 χ^2/NDF : 5.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.941+/-0.630 χ^2/NDF : 20.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

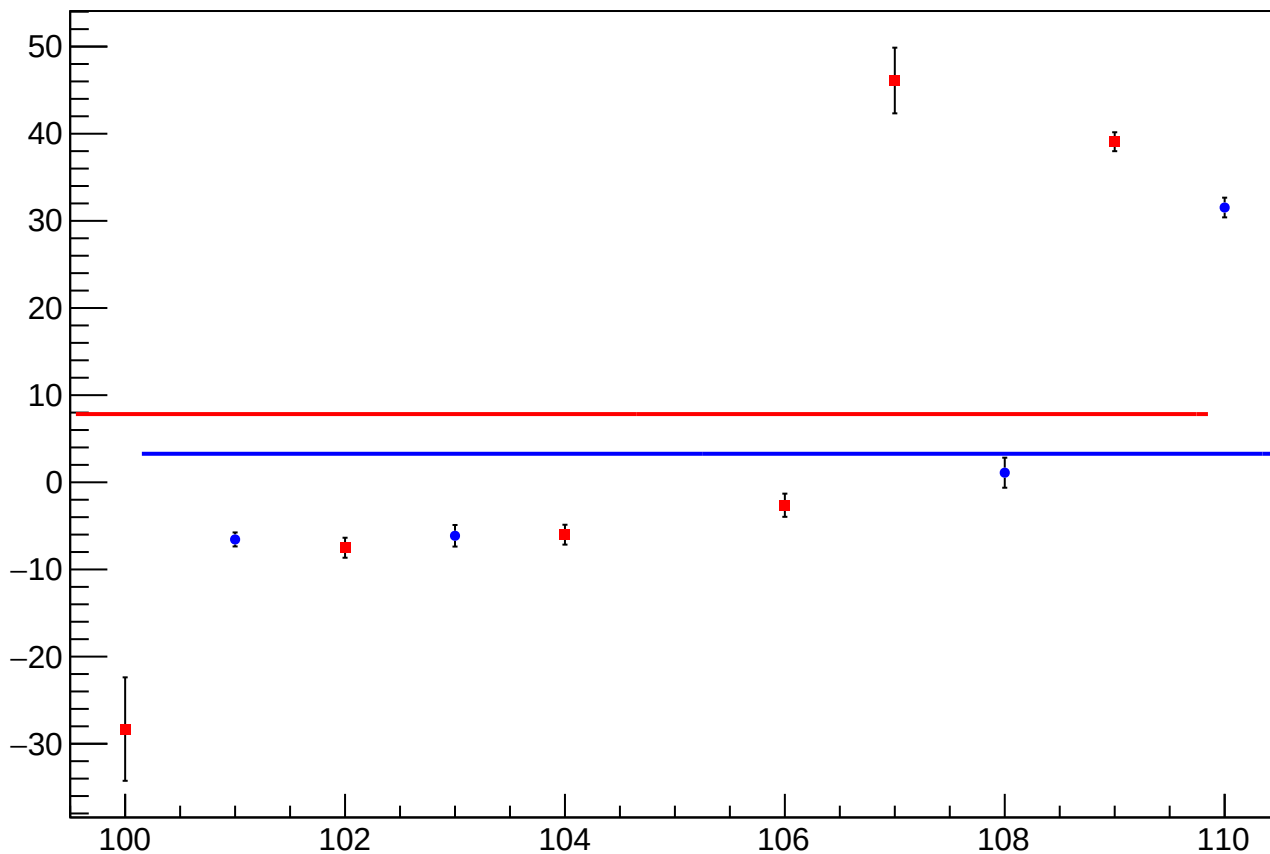
Right: 4.797+/-0.432 χ^2/NDF : 32.2/9

In: 3.784+/-0.593 χ^2/NDF : 5.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.797+/-0.432 χ^2/NDF : 32.2/9

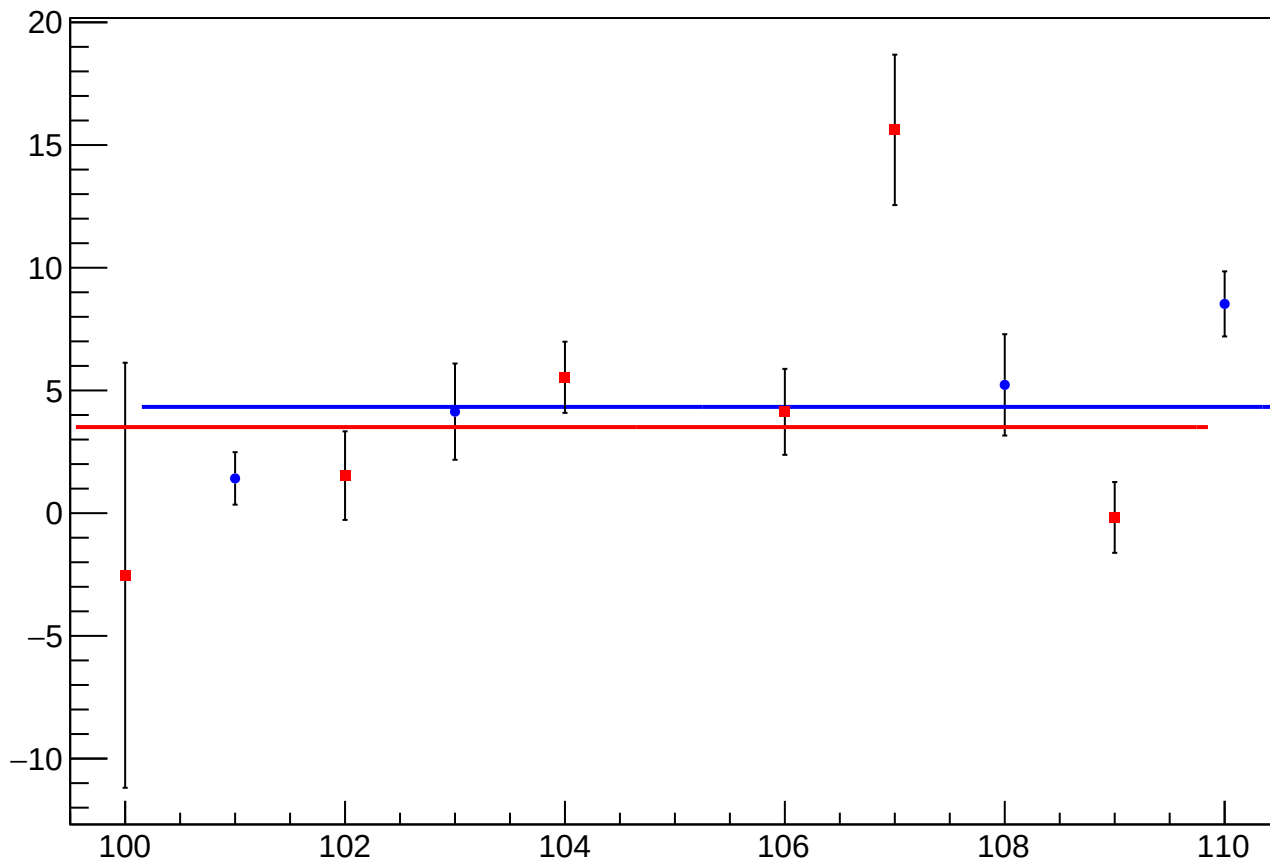
reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.275 ± 0.549 $\chi^2/\text{NDF}: 833.4/3$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 7.829 ± 0.574 $\chi^2/\text{NDF}: 1356.7/5$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: 5.452 ± 0.397 $\chi^2/\text{NDF}: 2223.0/9$
 In: 3.275 ± 0.549 $\chi^2/\text{NDF}: 833.4/3$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 5.452 ± 0.397 $\chi^2/\text{NDF}: 2223.0/9$

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.330+/-0.718 χ^2/NDF : 17.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.508+/-0.765 χ^2/NDF : 25.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

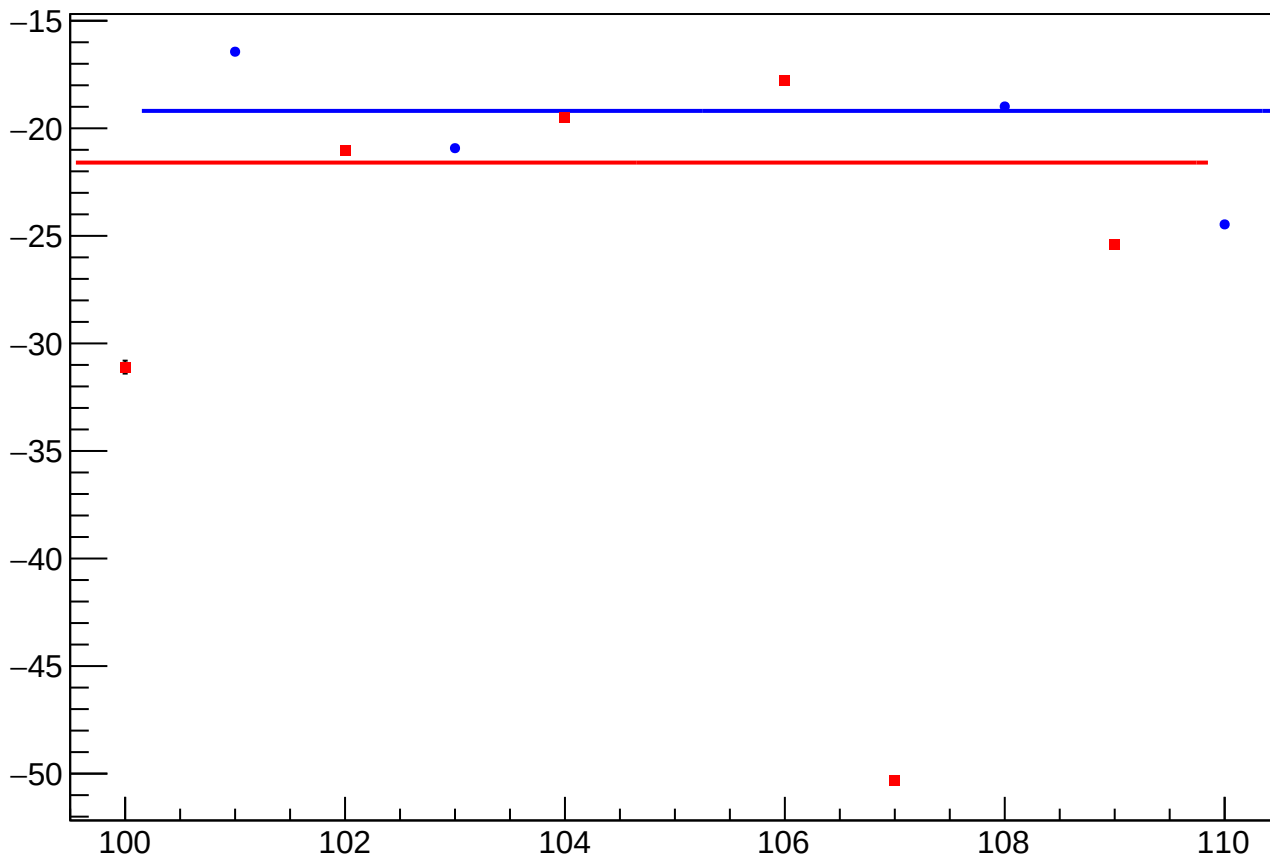
Right: 3.945+/-0.524 χ^2/NDF : 44.2/9

In: 4.330+/-0.718 χ^2/NDF : 17.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.945+/-0.524 χ^2/NDF : 44.2/9

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.190+/-0.030 χ^2/NDF : 7586.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.593+/-0.029 χ^2/NDF : 43915.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

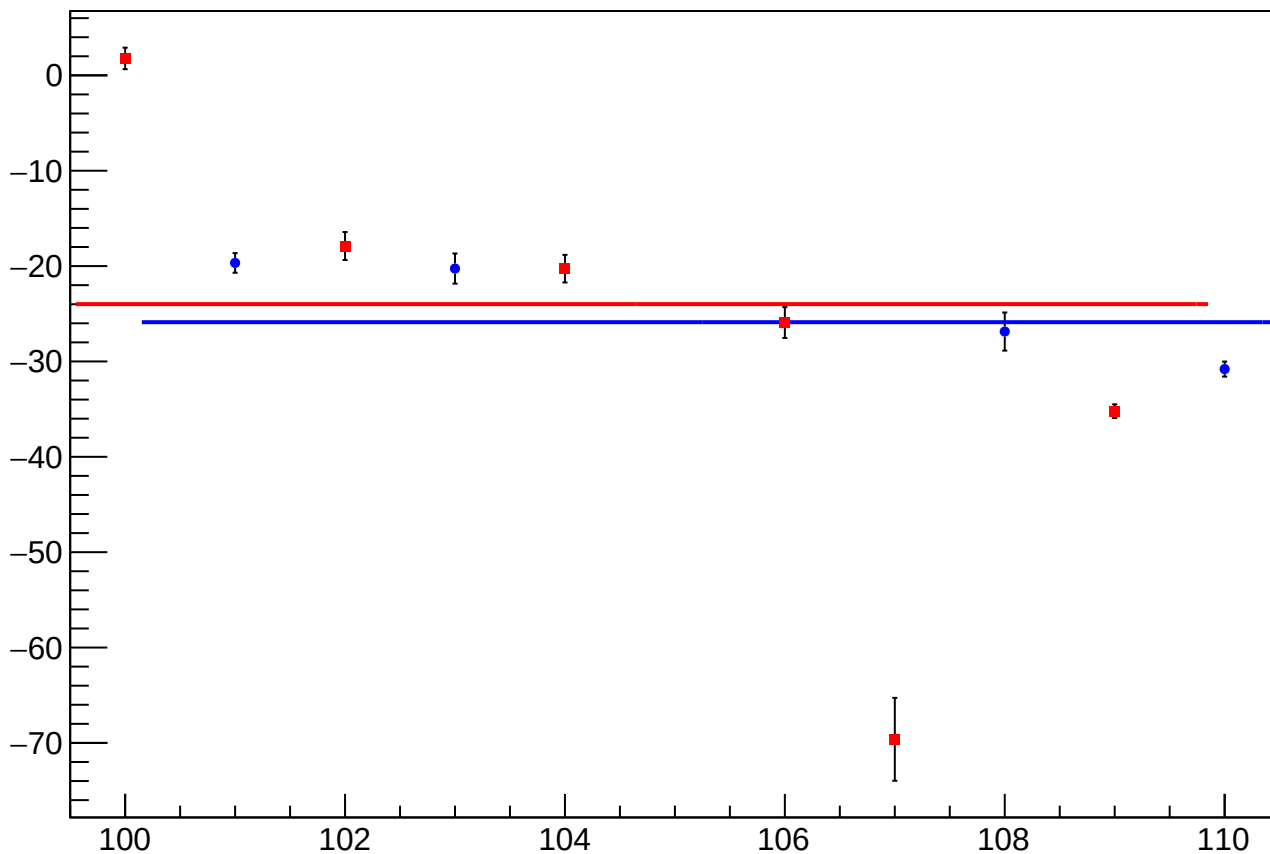
Right: -20.431+/-0.021 χ^2/NDF : 54848.5/9

In: -19.190+/-0.030 χ^2/NDF : 7586.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.431+/-0.021 χ^2/NDF : 54848.5/9

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.884 ± 0.559 $\chi^2/\text{NDF}: 88.2/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -23.988 ± 0.494 $\chi^2/\text{NDF}: 900.2/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

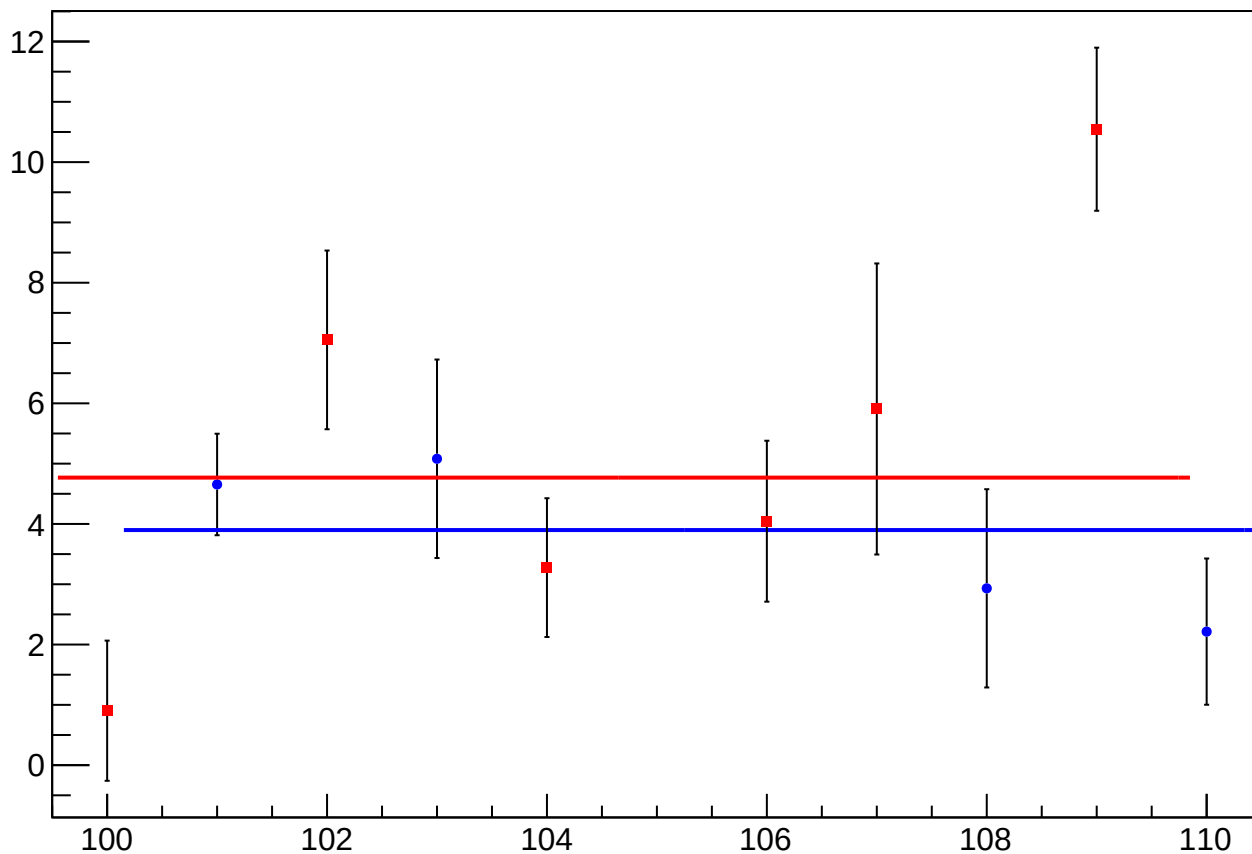
Right: -24.819 ± 0.370 $\chi^2/\text{NDF}: 994.8/9$

In: -25.884 ± 0.559 $\chi^2/\text{NDF}: 88.2/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -24.819 ± 0.370 $\chi^2/\text{NDF}: 994.8/9$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.899+/-0.594 χ^2/NDF : 3.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.768+/-0.556 χ^2/NDF : 33.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

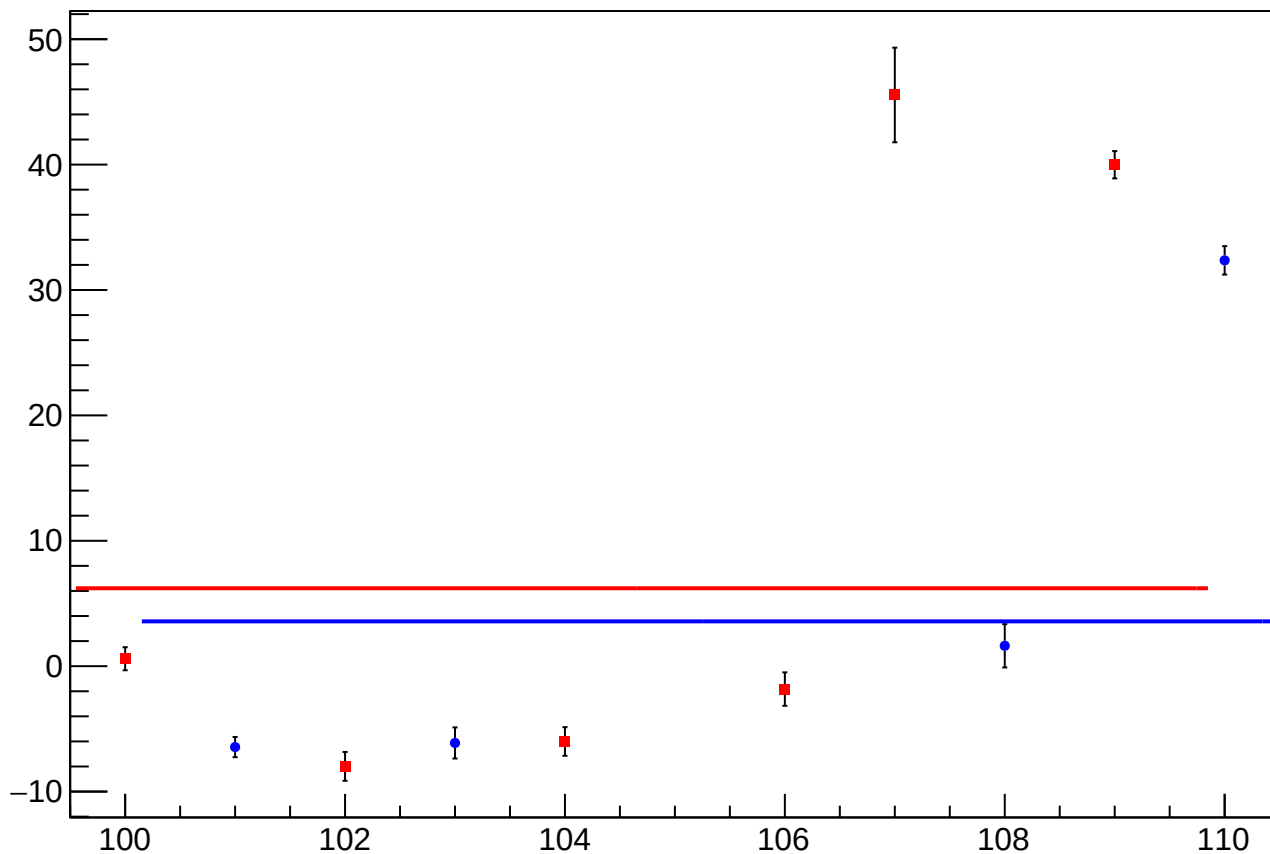
Right: 4.362+/-0.406 χ^2/NDF : 38.6/9

In: 3.899+/-0.594 χ^2/NDF : 3.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.362+/-0.406 χ^2/NDF : 38.6/9

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.574+/-0.550 χ^2/NDF : 863.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.213+/-0.489 χ^2/NDF : 1413.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

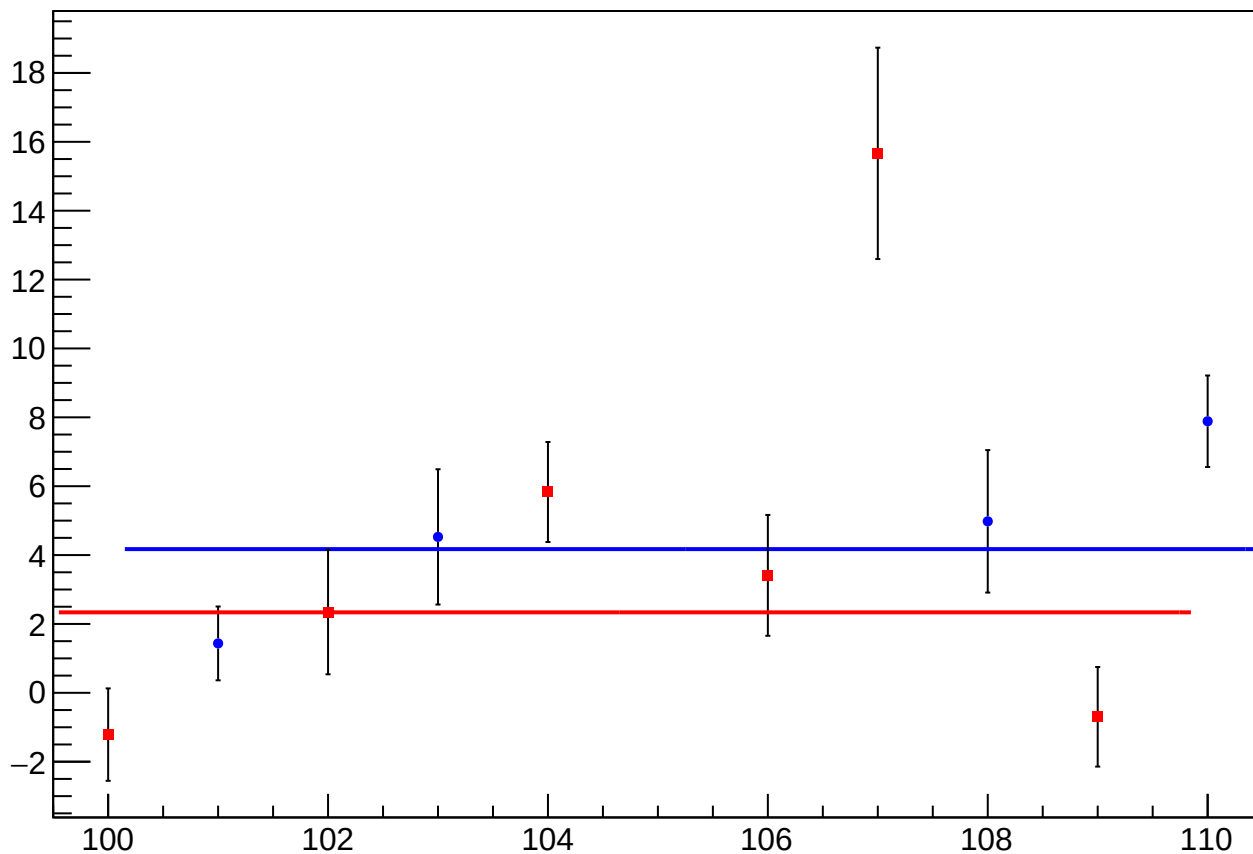
Right: 5.048+/-0.365 χ^2/NDF : 2289.3/9

In: 3.574+/-0.550 χ^2/NDF : 863.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.048+/-0.365 χ^2/NDF : 2289.3/9

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.173+/-0.720 χ^2/NDF : 14.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.337+/-0.667 χ^2/NDF : 36.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

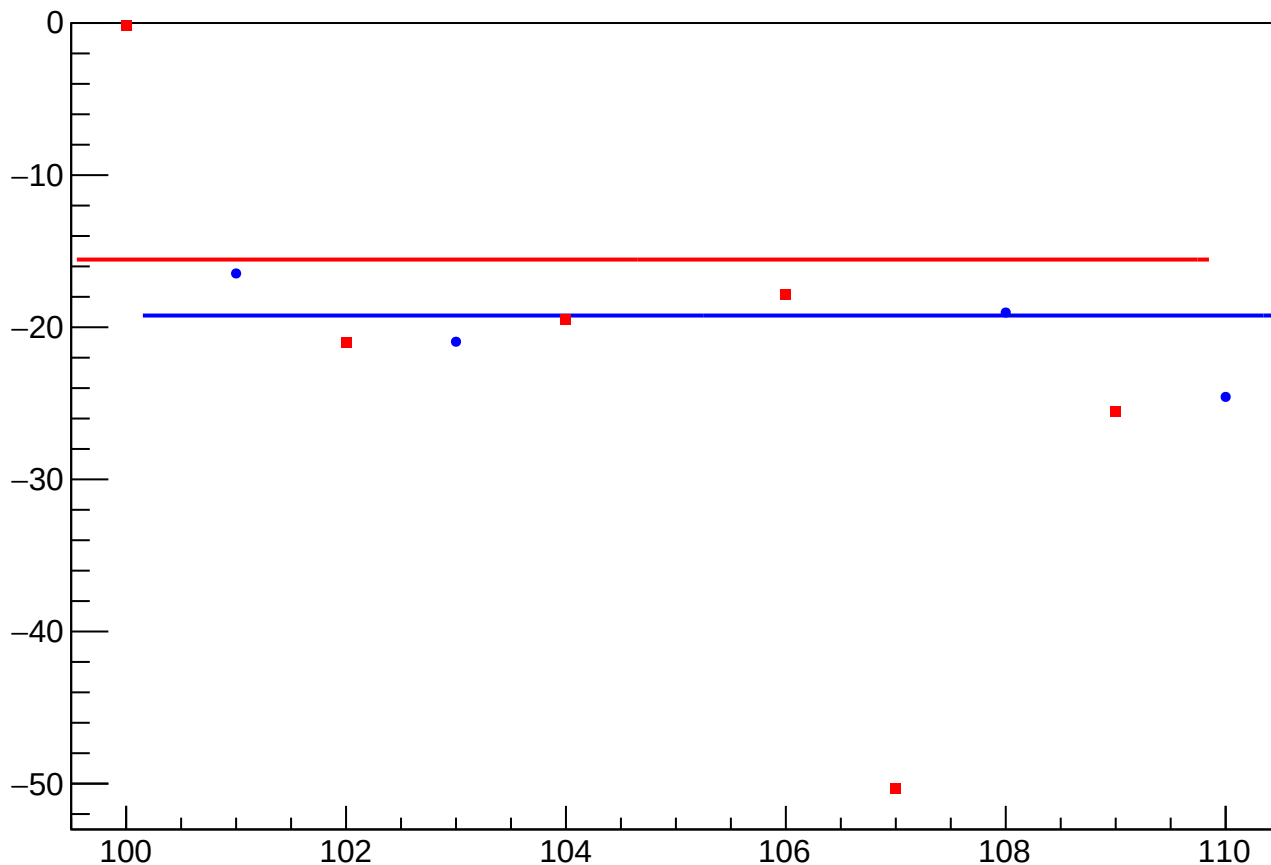
Right: 3.186+/-0.489 χ^2/NDF : 54.5/9

In: 4.173+/-0.720 χ^2/NDF : 14.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.186+/-0.489 χ^2/NDF : 54.5/9

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.229+/-0.030 χ^2/NDF : 7664.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.549+/-0.025 χ^2/NDF : 194344.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

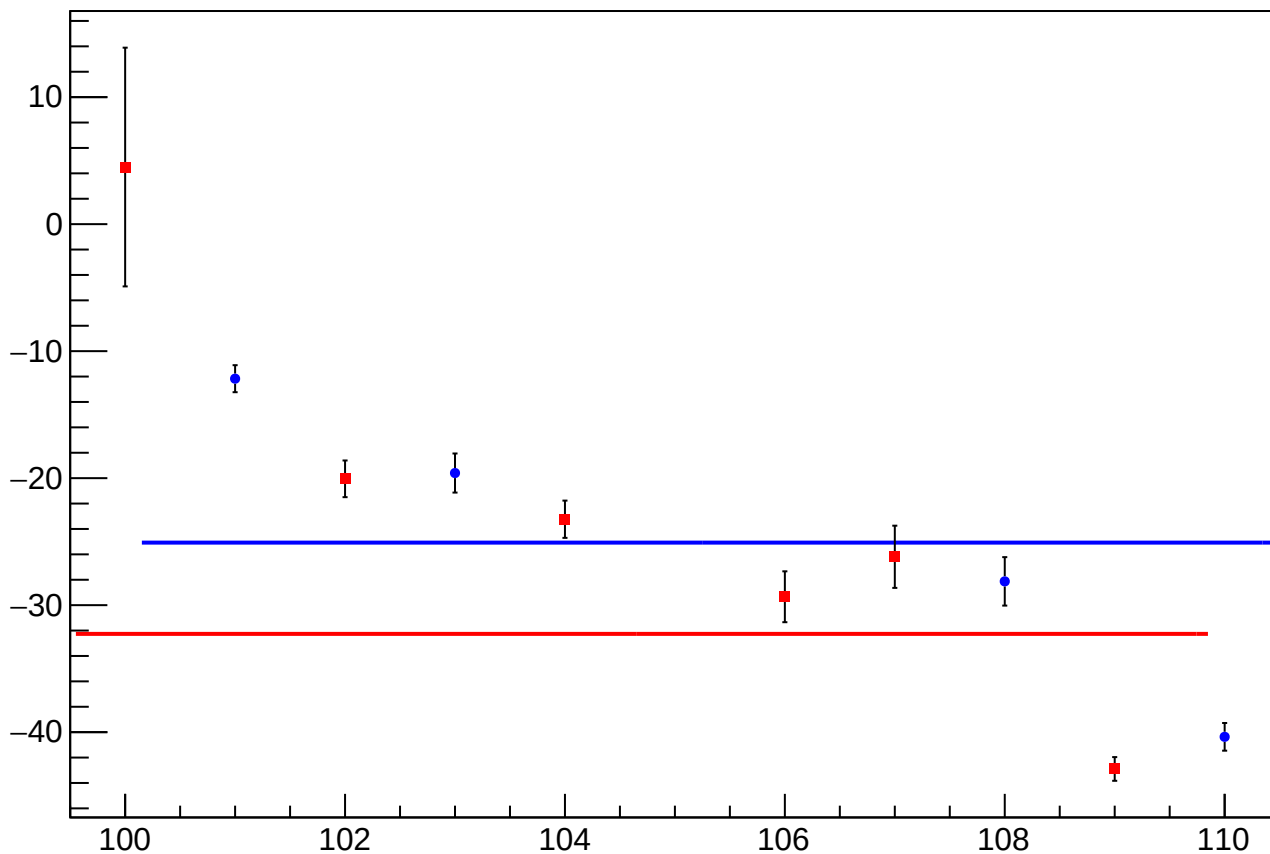
Right: -17.039+/-0.019 χ^2/NDF : 211019.8/9

In: -19.229+/-0.030 χ^2/NDF : 7664.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.039+/-0.019 χ^2/NDF : 211019.8/9

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.075 $\pm$ 0.642 χ^2 /NDF: 359.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -32.262 $\pm$ 0.630 χ^2 /NDF: 262.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

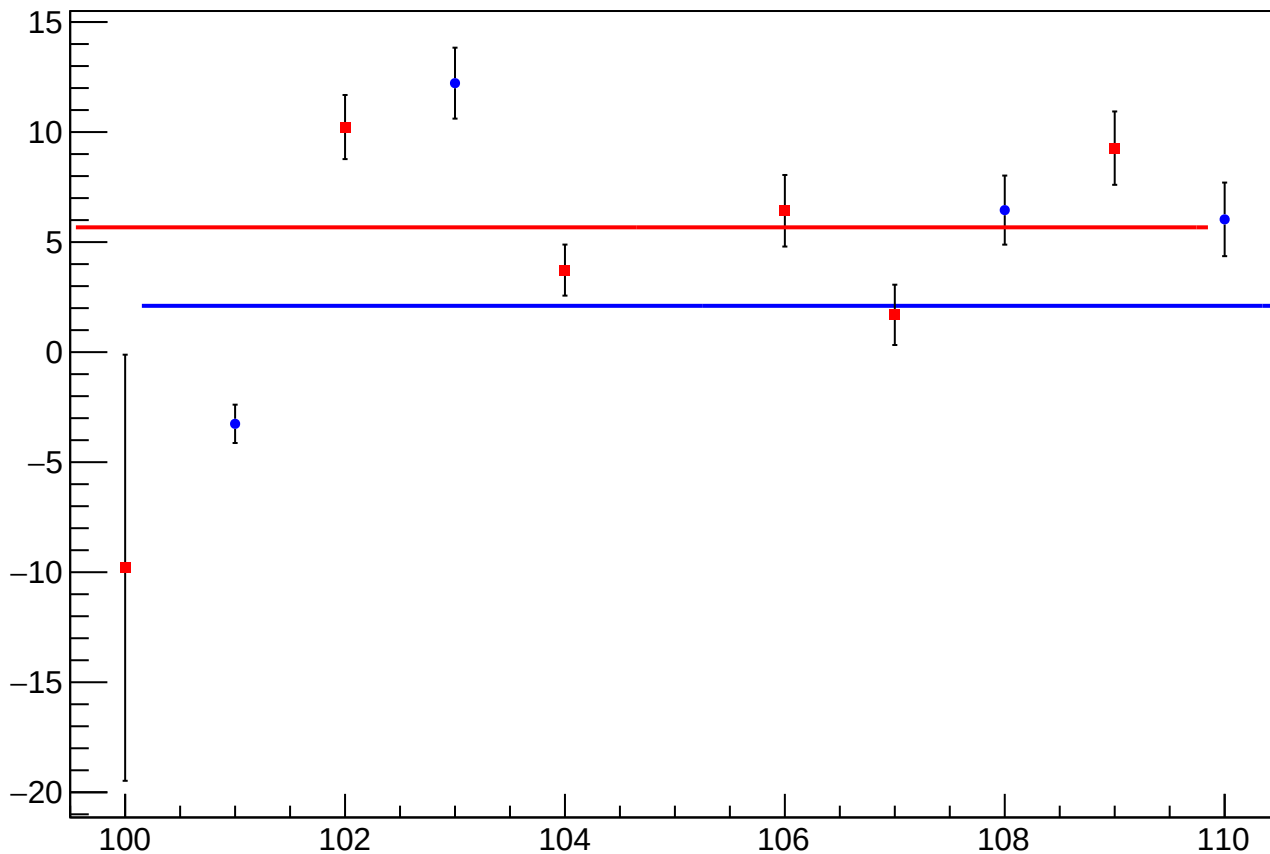
Right: -28.739 $\pm$ 0.450 χ^2 /NDF: 686.0/9

In: -25.075 $\pm$ 0.642 χ^2 /NDF: 359.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.739 $\pm$ 0.450 χ^2 /NDF: 686.0/9

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.105 $\pm$ 0.637 χ^2 /NDF: 90.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.671 $\pm$ 0.633 χ^2 /NDF: 28.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

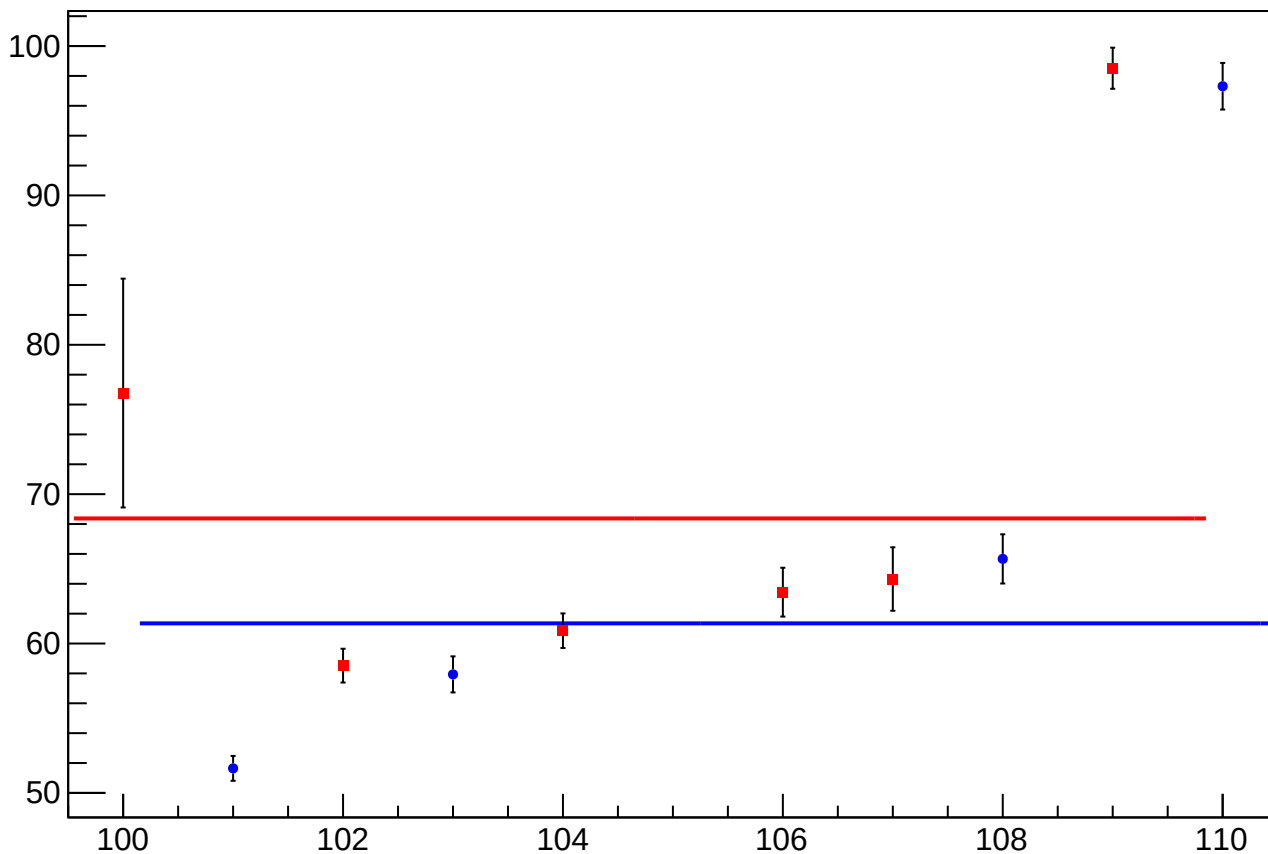
Right: 3.898 $\pm$ 0.449 χ^2 /NDF: 134.7/9

In: 2.105 $\pm$ 0.637 χ^2 /NDF:90.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.898 $\pm$ 0.449 χ^2 /NDF: 134.7/9

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 61.350+/-0.587 χ^2/NDF : 681.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.376+/-0.612 χ^2/NDF : 612.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

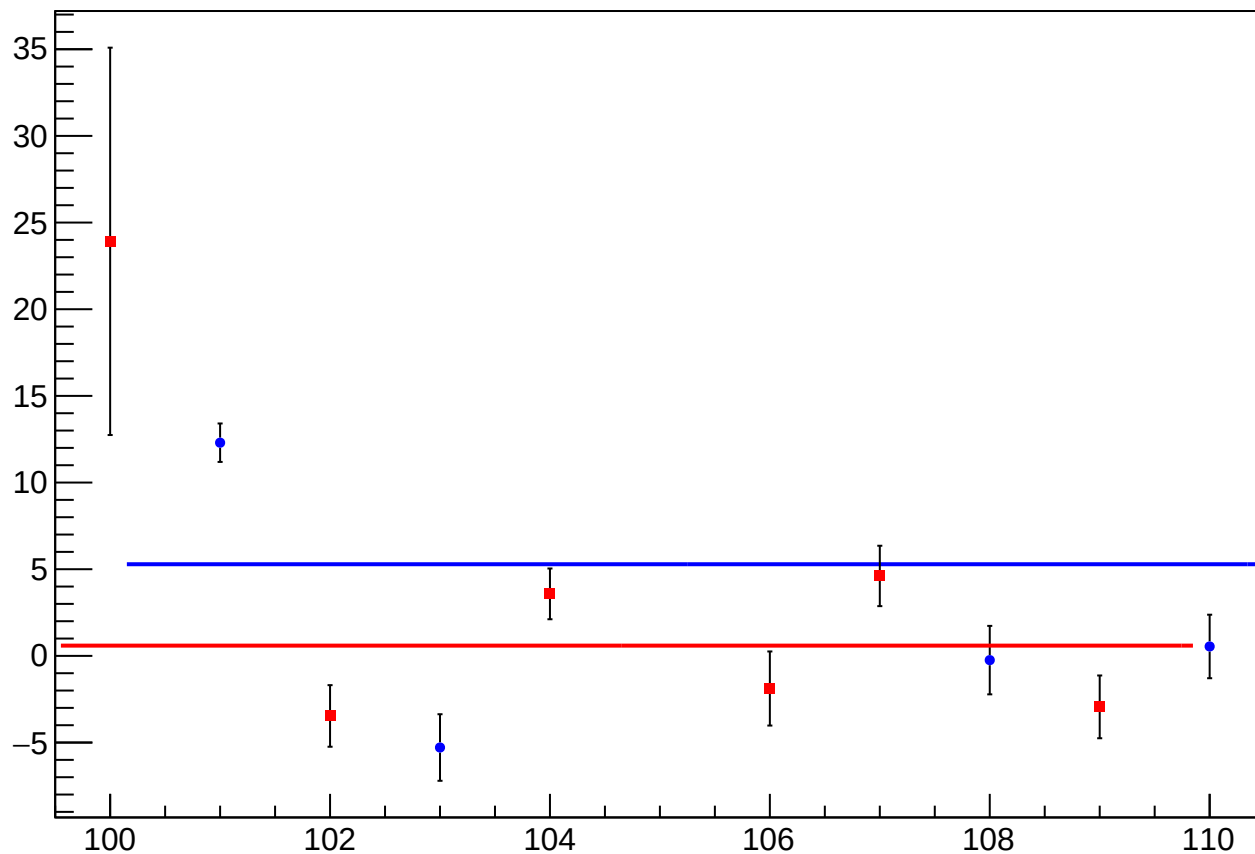
Right: 64.714+/-0.423 χ^2/NDF : 1362.0/9

In: 61.350+/-0.587 χ^2/NDF : 681.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.714+/-0.423 χ^2/NDF : 1362.0/9

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.288+/-0.781 χ^2/NDF : 84.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.592+/-0.780 χ^2/NDF : 24.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

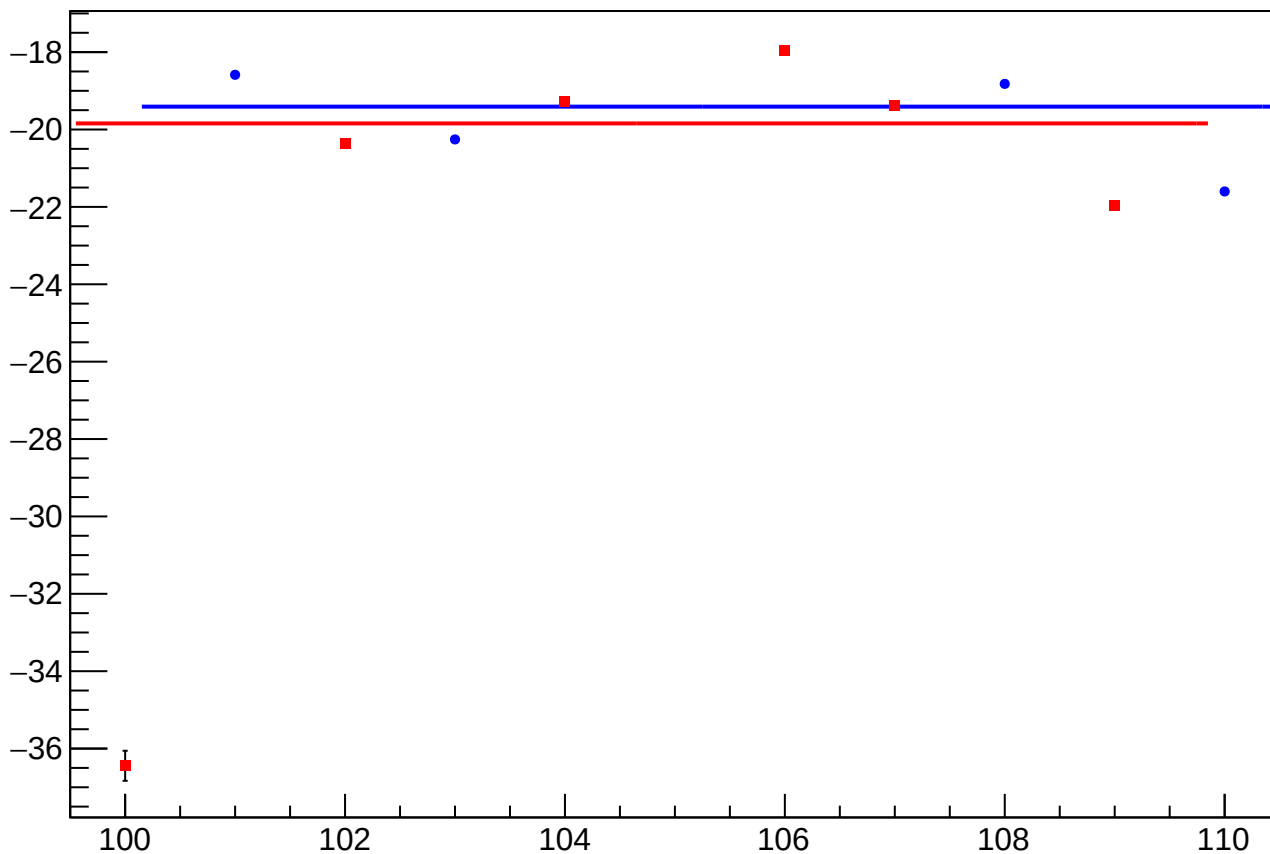
Right: 2.935+/-0.552 χ^2/NDF : 127.1/9

In: 5.288+/-0.781 χ^2/NDF : 84.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.935+/-0.552 χ^2/NDF : 127.1/9

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.409+/-0.030 χ^2/NDF : 917.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.842+/-0.030 χ^2/NDF : 3170.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

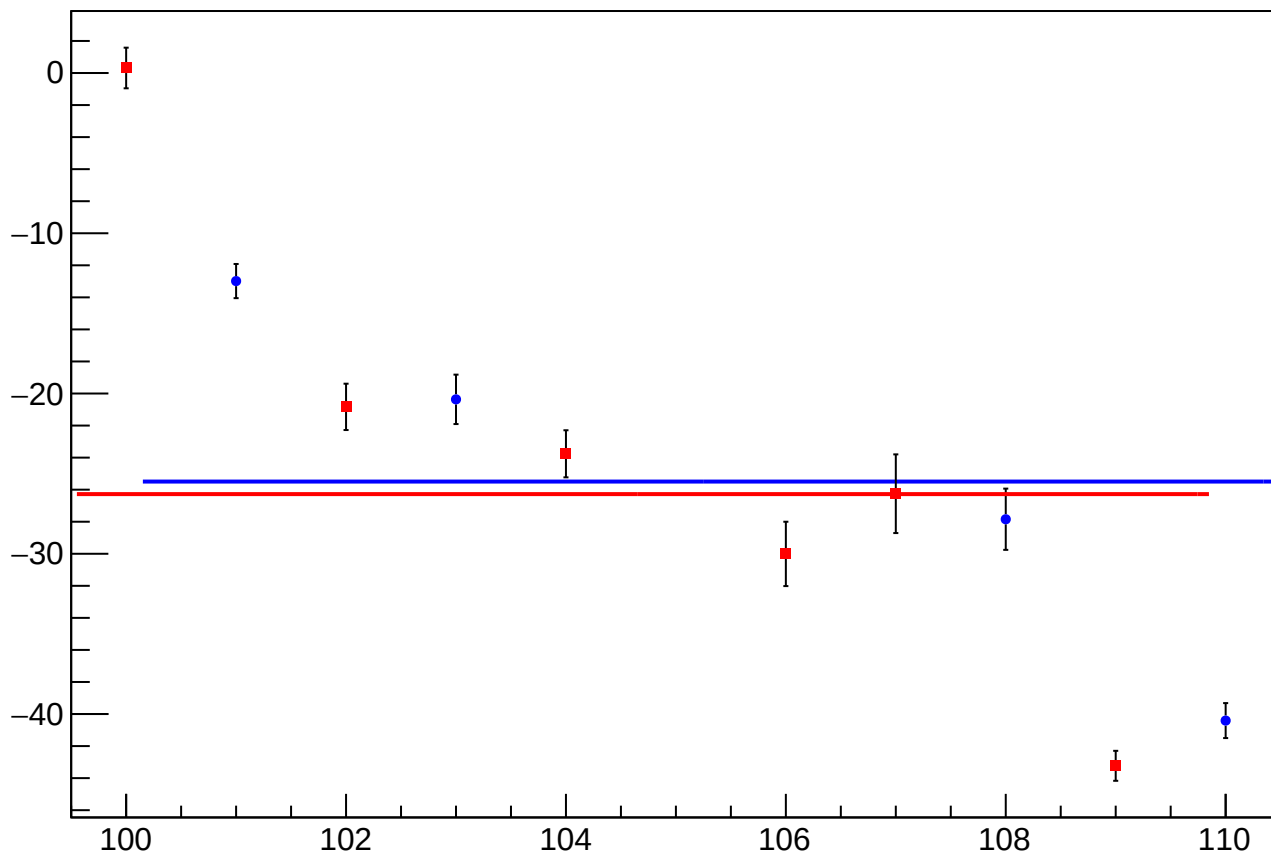
Right: -19.632+/-0.021 χ^2/NDF : 4192.8/9

In: -19.409+/-0.030 χ^2/NDF : 917.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.632+/-0.021 χ^2/NDF : 4192.8/9

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.494 ± 0.643 $\chi^2/\text{NDF}: 337.3/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -26.277 ± 0.566 $\chi^2/\text{NDF}: 789.3/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

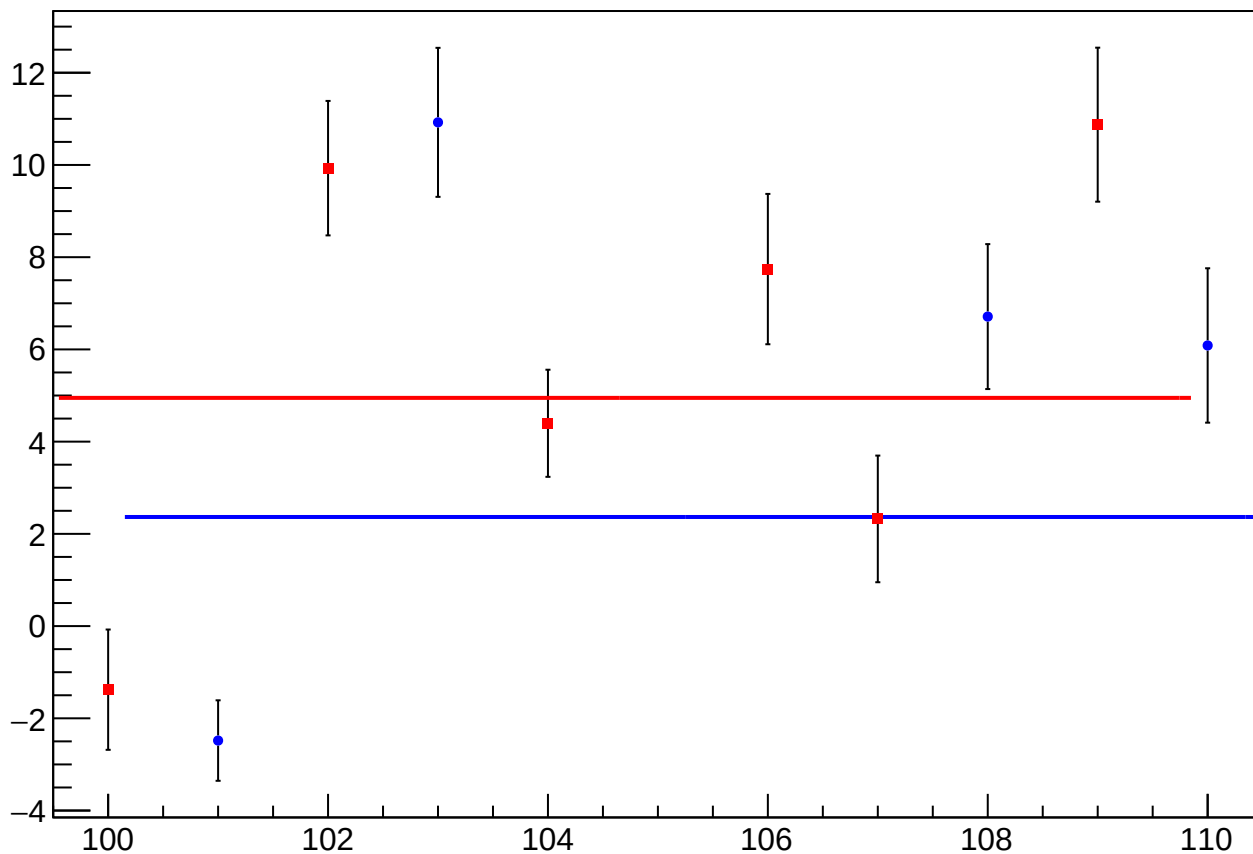
Right: -25.936 ± 0.425 $\chi^2/\text{NDF}: 1127.4/9$

In: -25.494 ± 0.643 $\chi^2/\text{NDF}: 337.3/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -25.936 ± 0.425 $\chi^2/\text{NDF}: 1127.4/9$

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.366 $\pm$ 0.638 χ^2 /NDF: 71.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.949 $\pm$ 0.571 χ^2 /NDF: 54.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

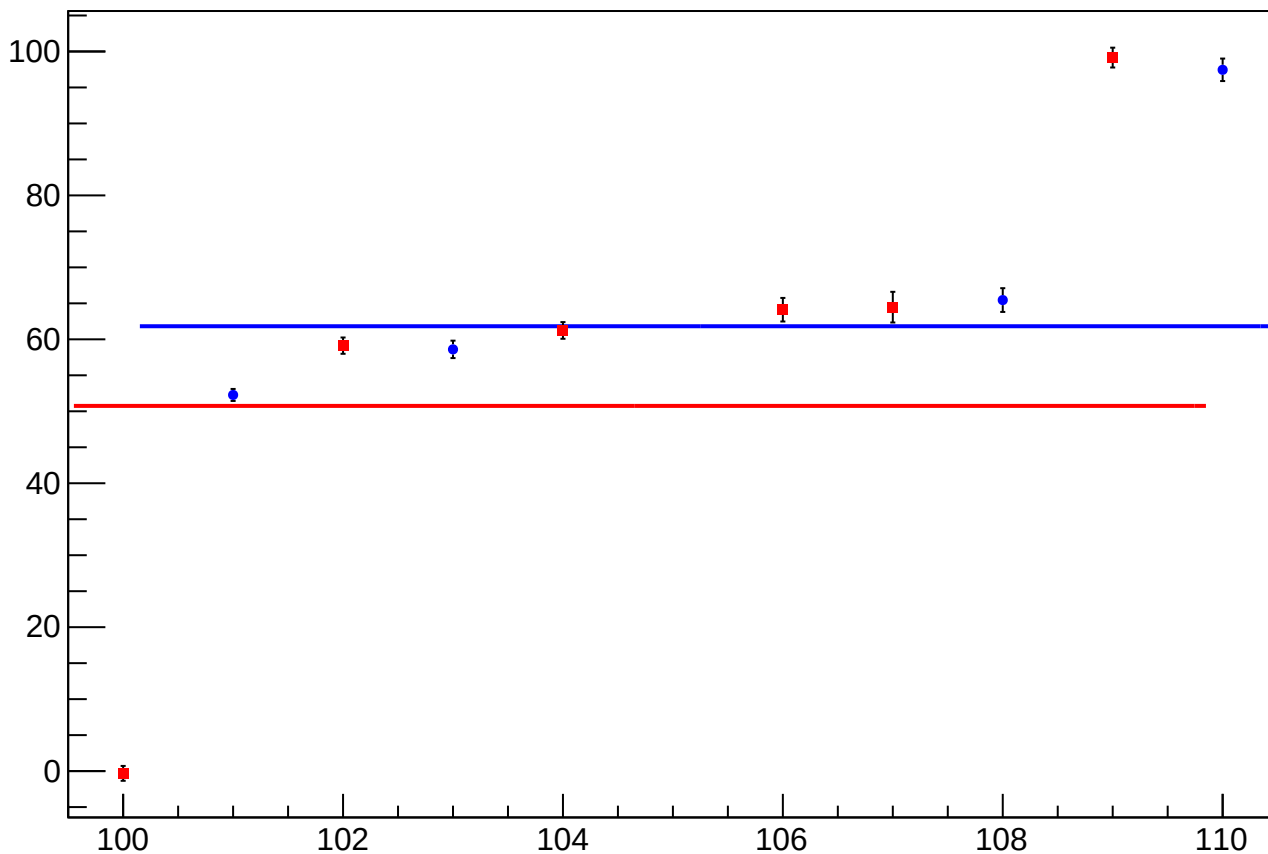
Right: 3.799 $\pm$ 0.426 χ^2 /NDF: 135.2/9

In: 2.366 $\pm$ 0.638 χ^2 /NDF:71.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.799 $\pm$ 0.426 χ^2 /NDF: 135.2/9

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 61.819+/-0.588 χ^2 /NDF: 662.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 50.749+/-0.528 χ^2 /NDF: 3921.1/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

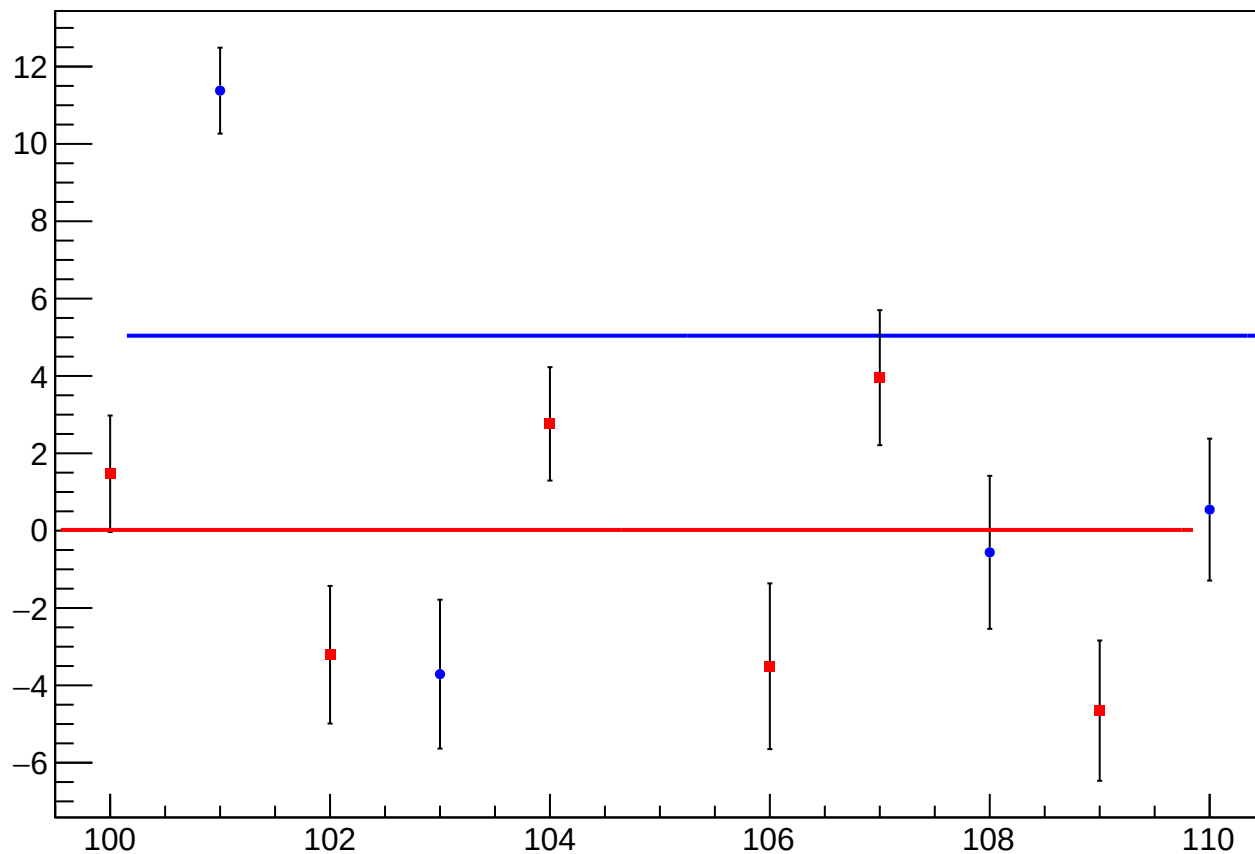
Right: 55.698+/-0.393 χ^2 /NDF: 4779.8/9

In: 61.819+/-0.588 χ^2 /NDF: 662.5/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 55.698+/-0.393 χ^2 /NDF: 4779.8/9

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.041+/-0.783 χ^2/NDF : 67.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.695 χ^2/NDF : 22.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

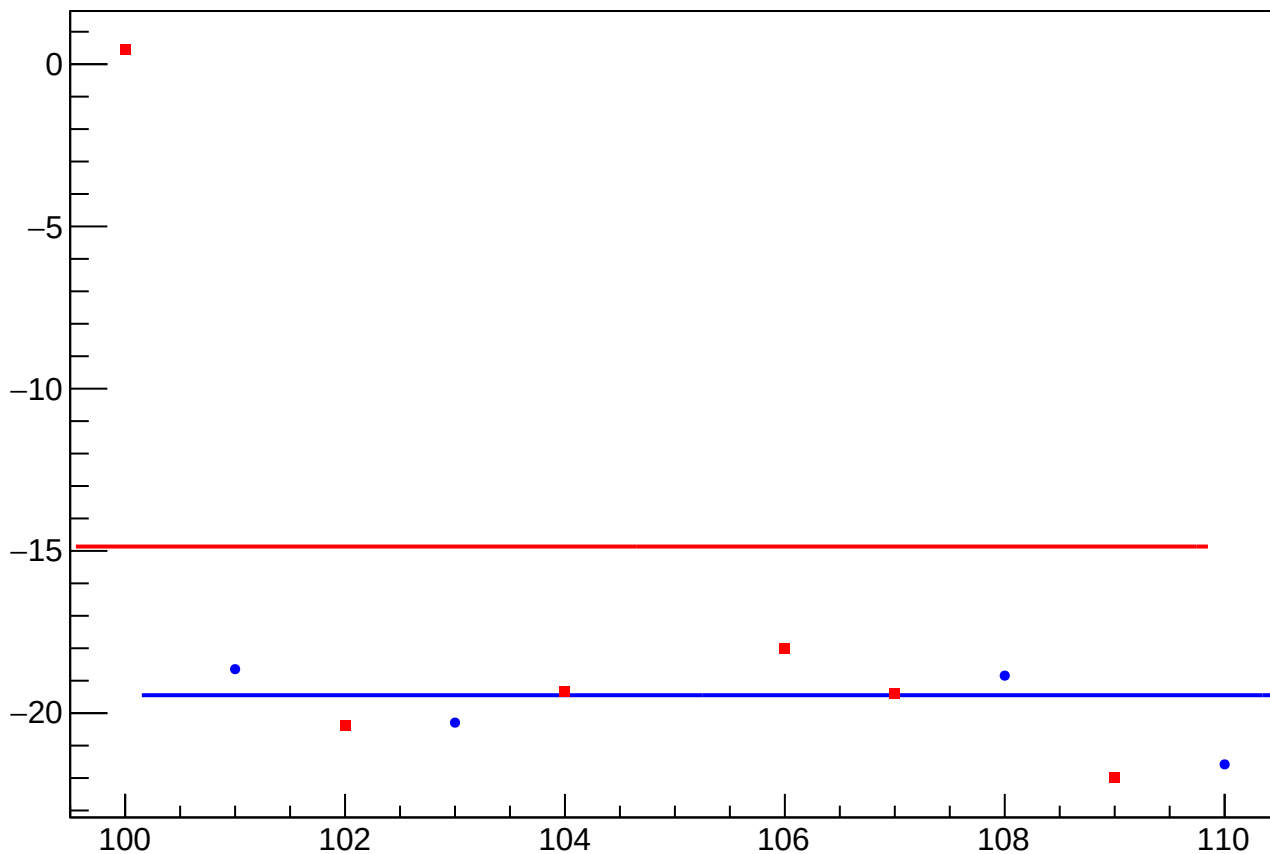
Right: 2.232+/-0.520 χ^2/NDF : 112.4/9

In: 5.041+/-0.783 χ^2/NDF : 67.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.232+/-0.520 χ^2/NDF : 112.4/9

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.448 ± 0.031 χ^2/NDF : 888.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.866 ± 0.026 χ^2/NDF : 114551.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

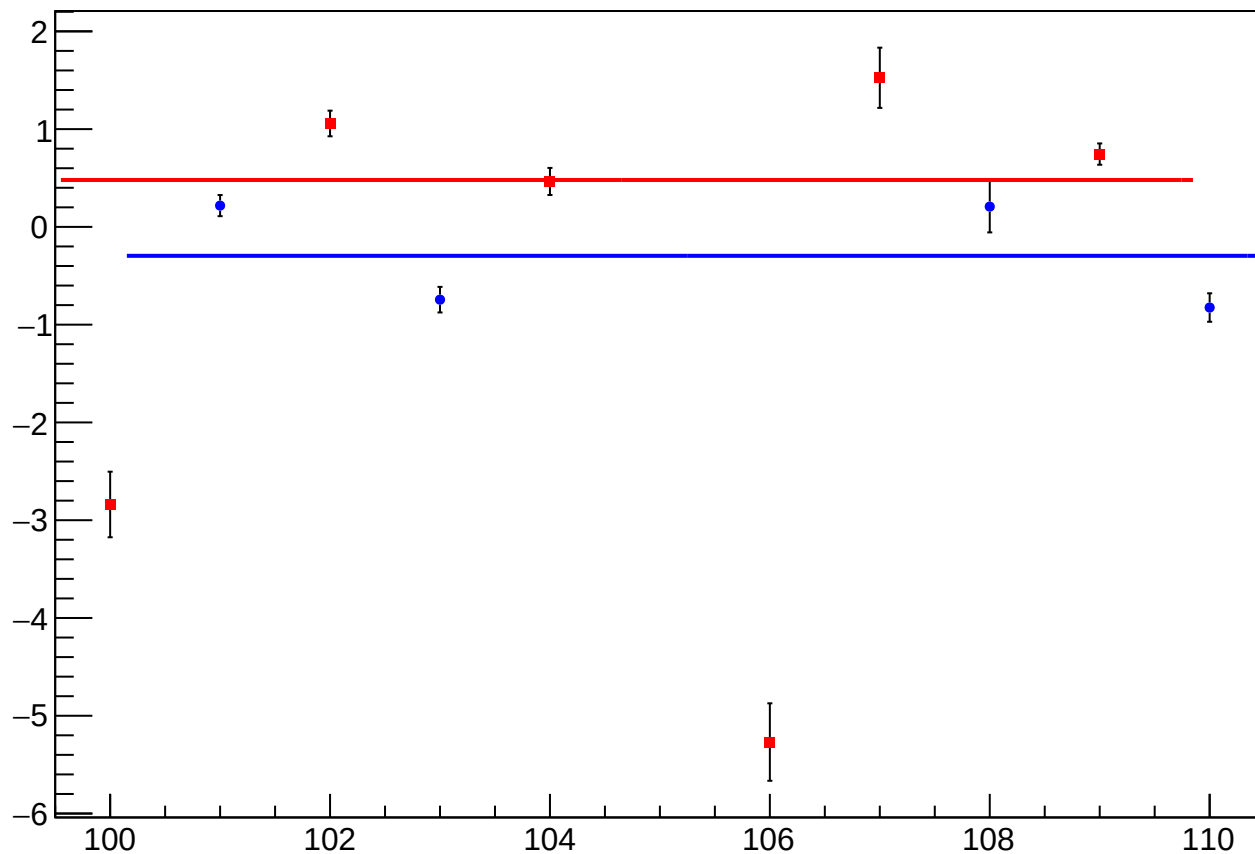
Right: -16.775 ± 0.020 χ^2/NDF : 128595.6/9

In: -19.448 ± 0.031 χ^2/NDF : 888.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.775 ± 0.020 χ^2/NDF : 128595.6/9

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.296 ± 0.070 χ^2/NDF : 51.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.480 ± 0.067 χ^2/NDF : 345.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

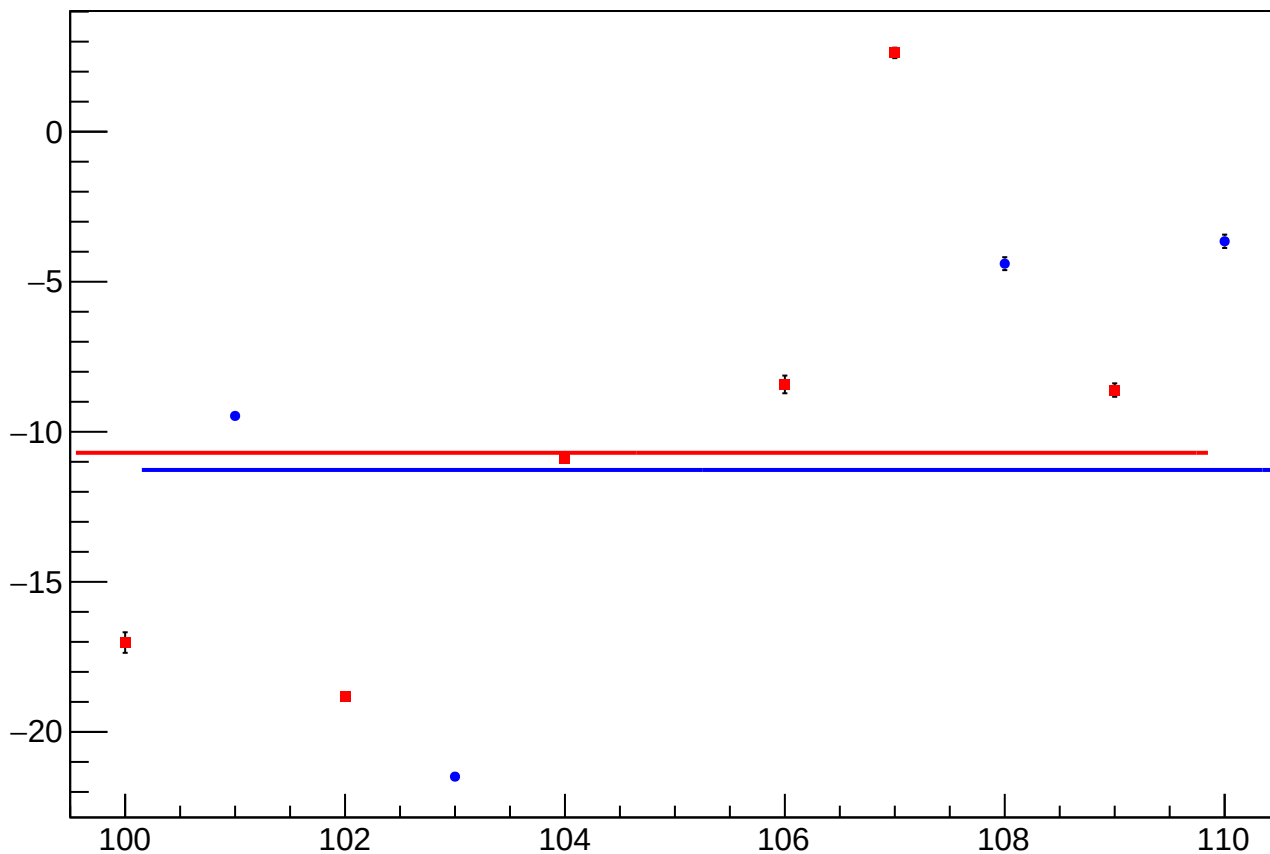
Right: 0.106 ± 0.048 χ^2/NDF : 460.4/9

In: -0.296 ± 0.070 χ^2/NDF : 51.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.106 ± 0.048 χ^2/NDF : 460.4/9

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.271+/-0.067 χ^2/NDF : 8025.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.699+/-0.071 χ^2/NDF : 9859.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

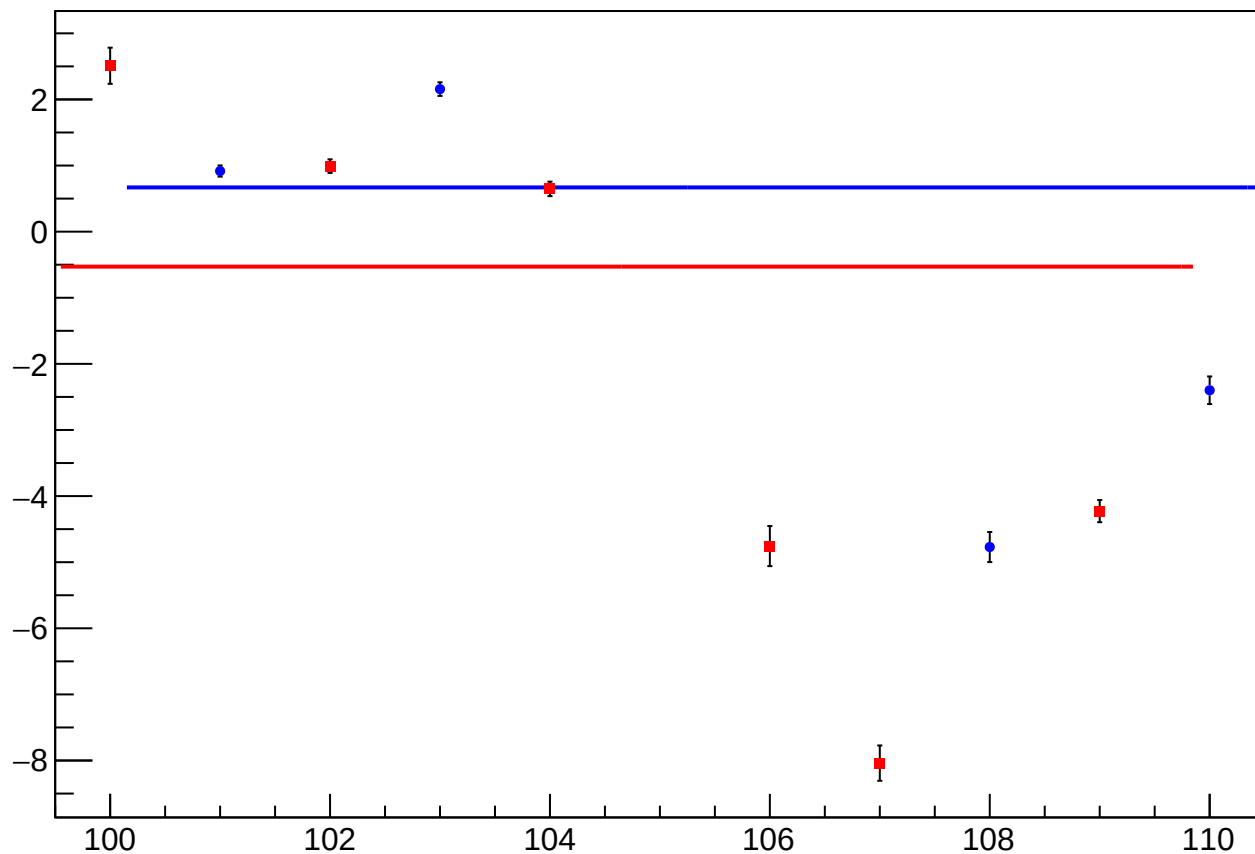
Right: -11.000+/-0.049 χ^2/NDF : 17919.2/9

In: -11.271+/-0.067 χ^2/NDF : 8025.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.000+/-0.049 χ^2/NDF : 17919.2/9

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.669 $\pm$ 0.060 χ^2 /NDF: 1004.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.529 $\pm$ 0.063 χ^2 /NDF: 1930.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

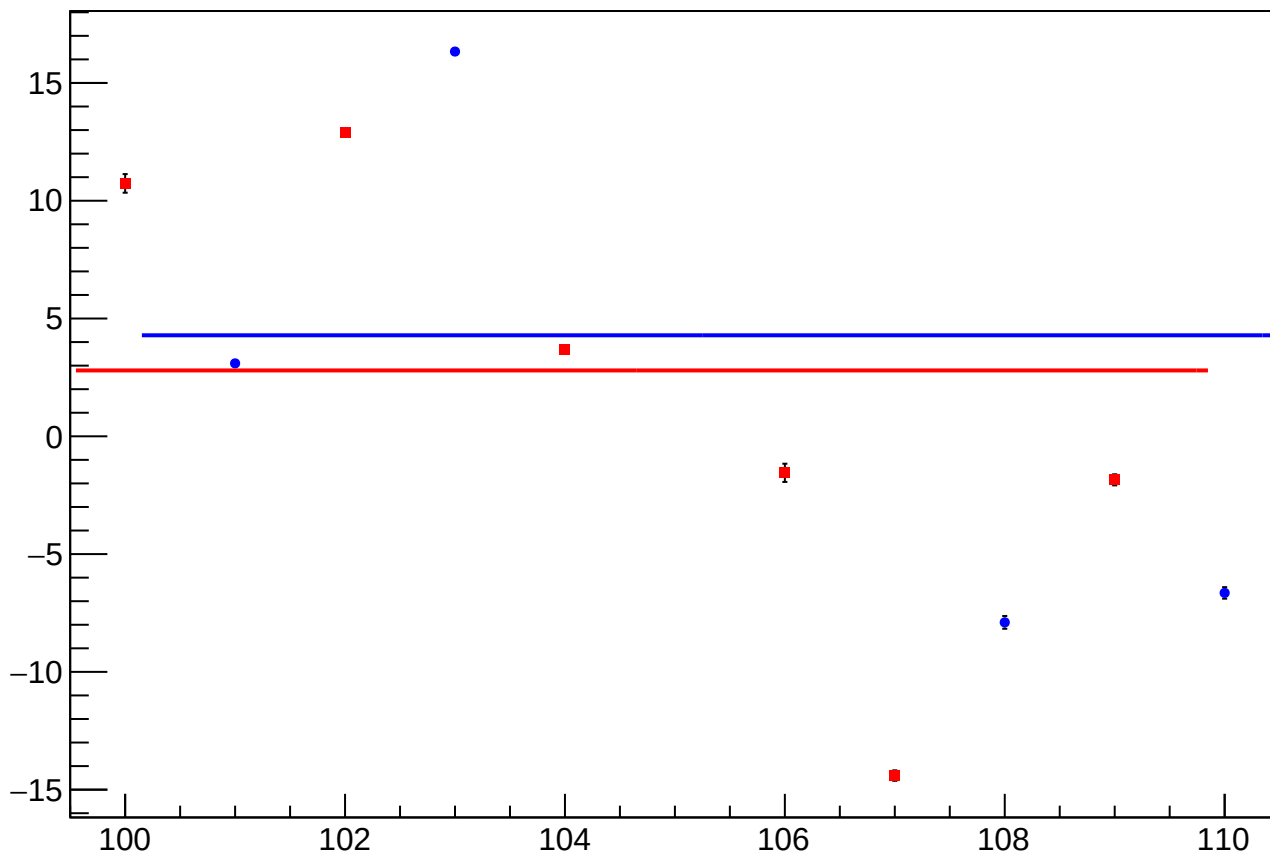
Right: 0.098 $\pm$ 0.043 χ^2 /NDF: 3125.3/9

In: 0.669 $\pm$ 0.060 χ^2 /NDF:1004.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.098 $\pm$ 0.043 χ^2 /NDF: 3125.3/9

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.288+/-0.082 χ^2/NDF : 9483.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.796+/-0.086 χ^2/NDF : 10708.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

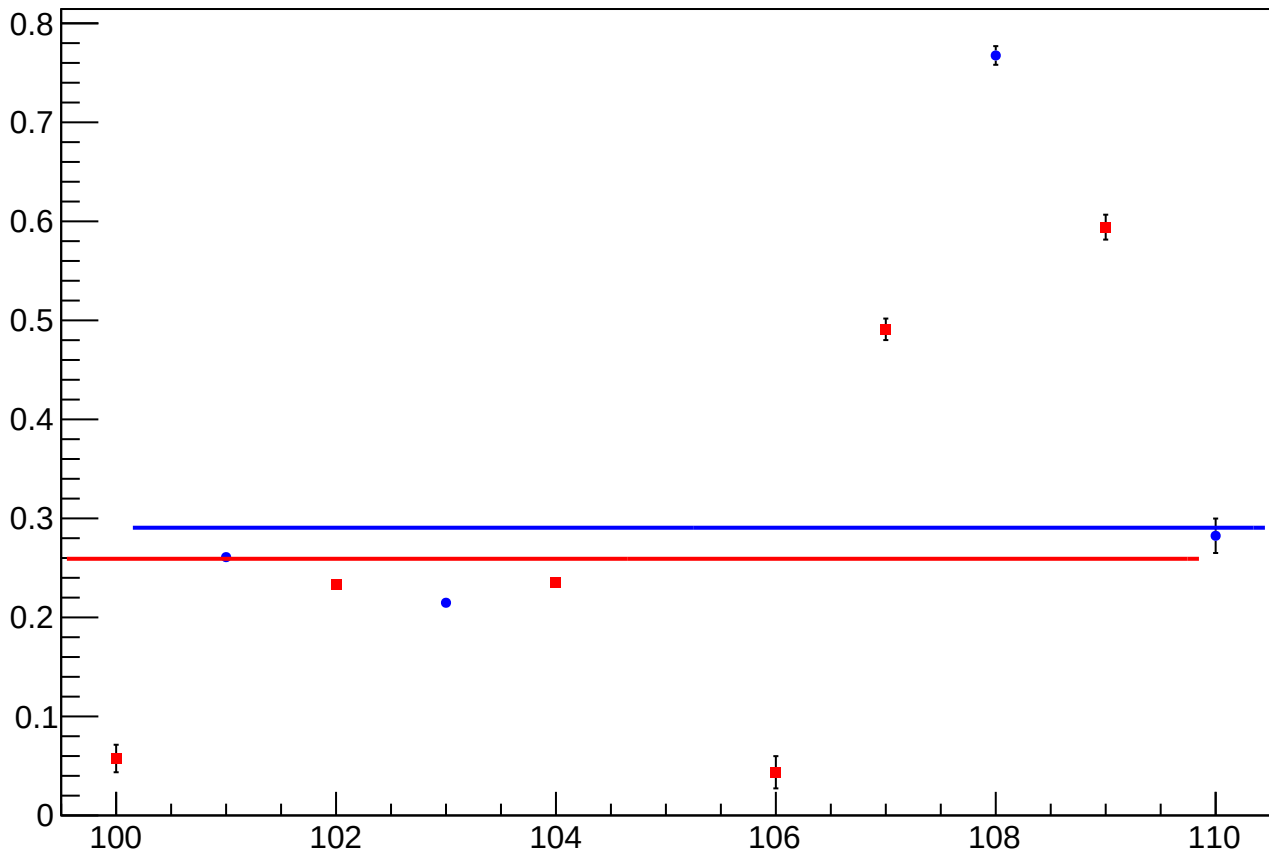
Right: 3.574+/-0.060 χ^2/NDF : 20348.2/9

In: 4.288+/-0.082 χ^2/NDF : 9483.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.574+/-0.060 χ^2/NDF : 20348.2/9

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.291+/-0.003 χ^2/NDF : 2908.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.259+/-0.003 χ^2/NDF : 1606.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

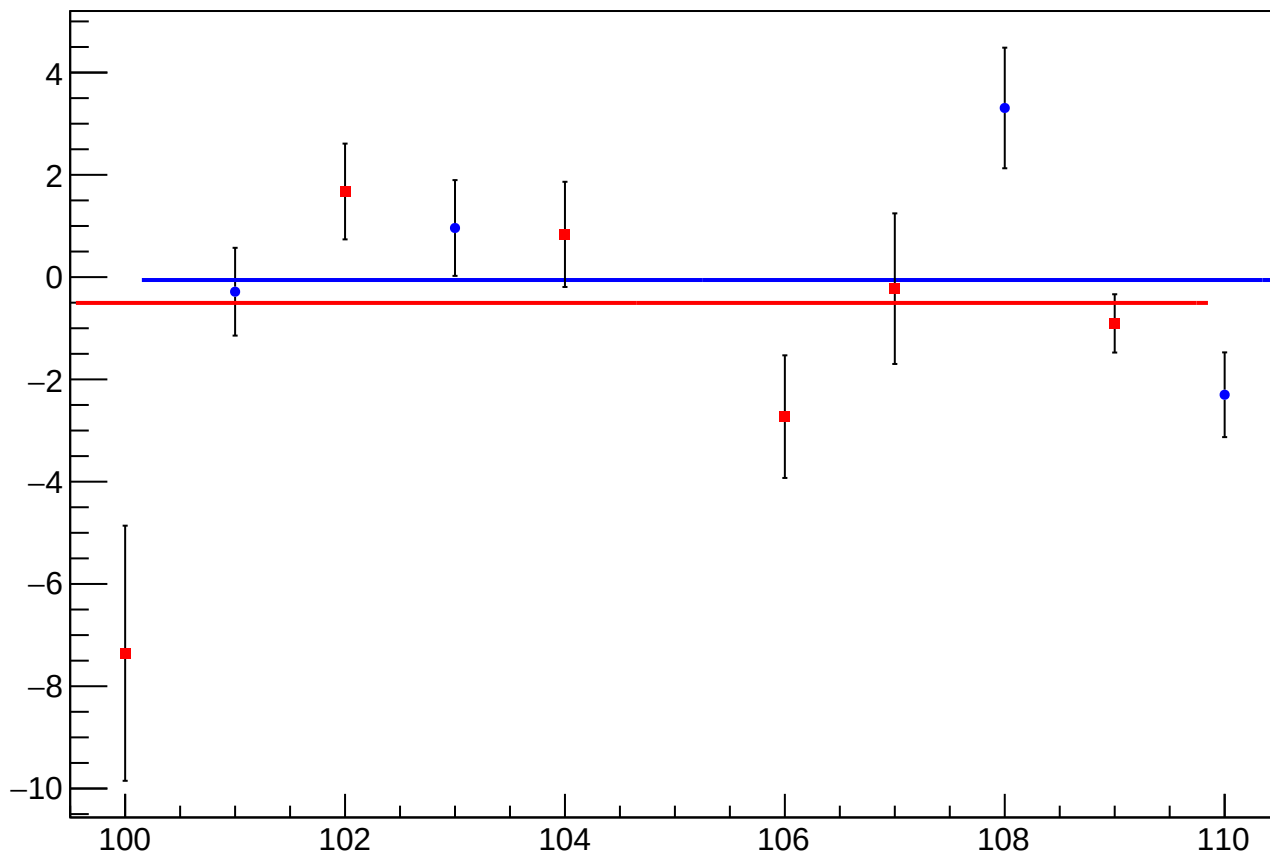
Right: 0.275+/-0.002 χ^2/NDF : 4569.2/9

In: 0.291+/-0.003 χ^2/NDF : 2908.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.275+/-0.002 χ^2/NDF : 4569.2/9

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.057 ± 0.463 χ^2/NDF : 16.7/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.505 ± 0.393 χ^2/NDF : 18.6/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

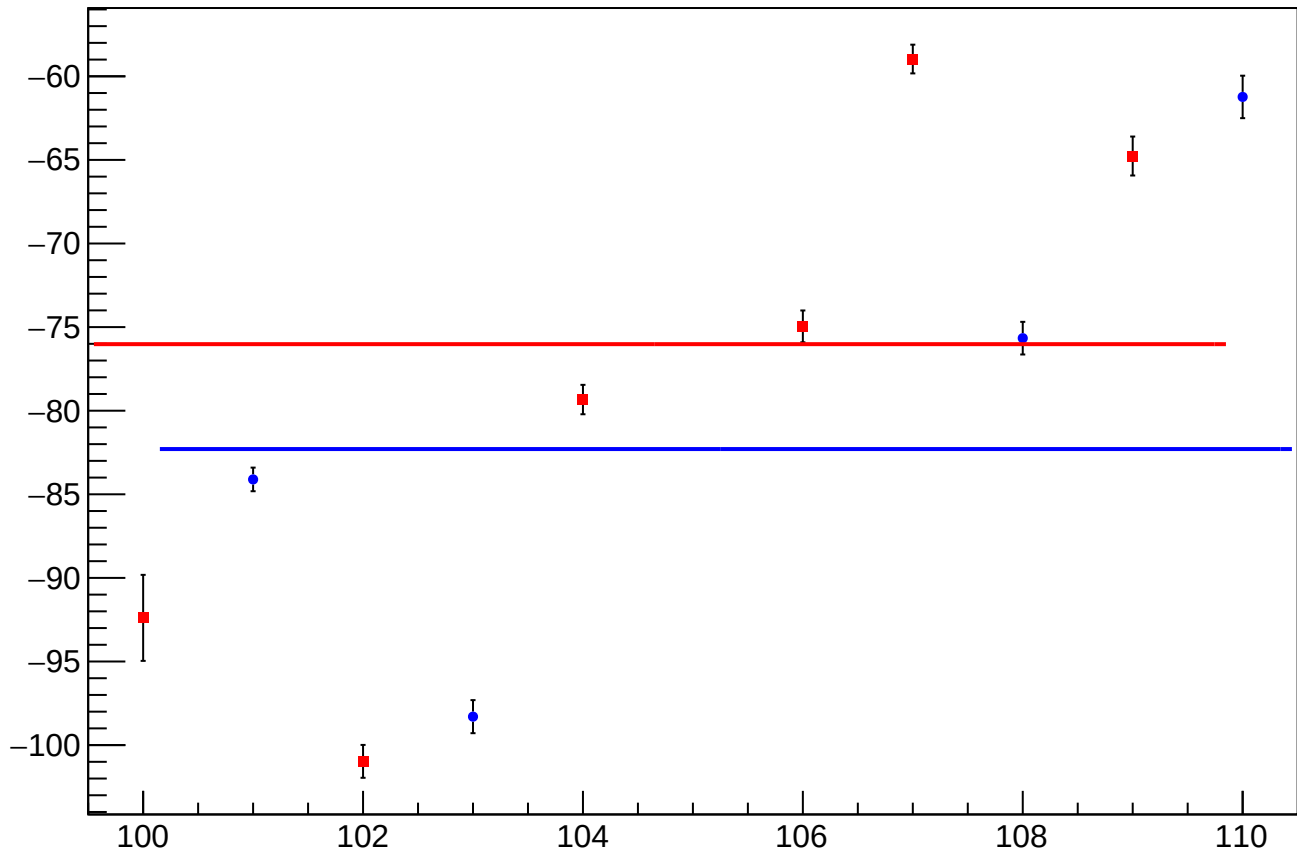
Right: -0.317 ± 0.299 χ^2/NDF : 35.9/9

In: -0.057 ± 0.463 χ^2/NDF : 16.7/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.317 ± 0.299 χ^2/NDF : 35.9/9

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -82.294 $\pm$ 0.461 χ^2 /NDF: 589.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -76.020 $\pm$ 0.420 χ^2 /NDF: 1187.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

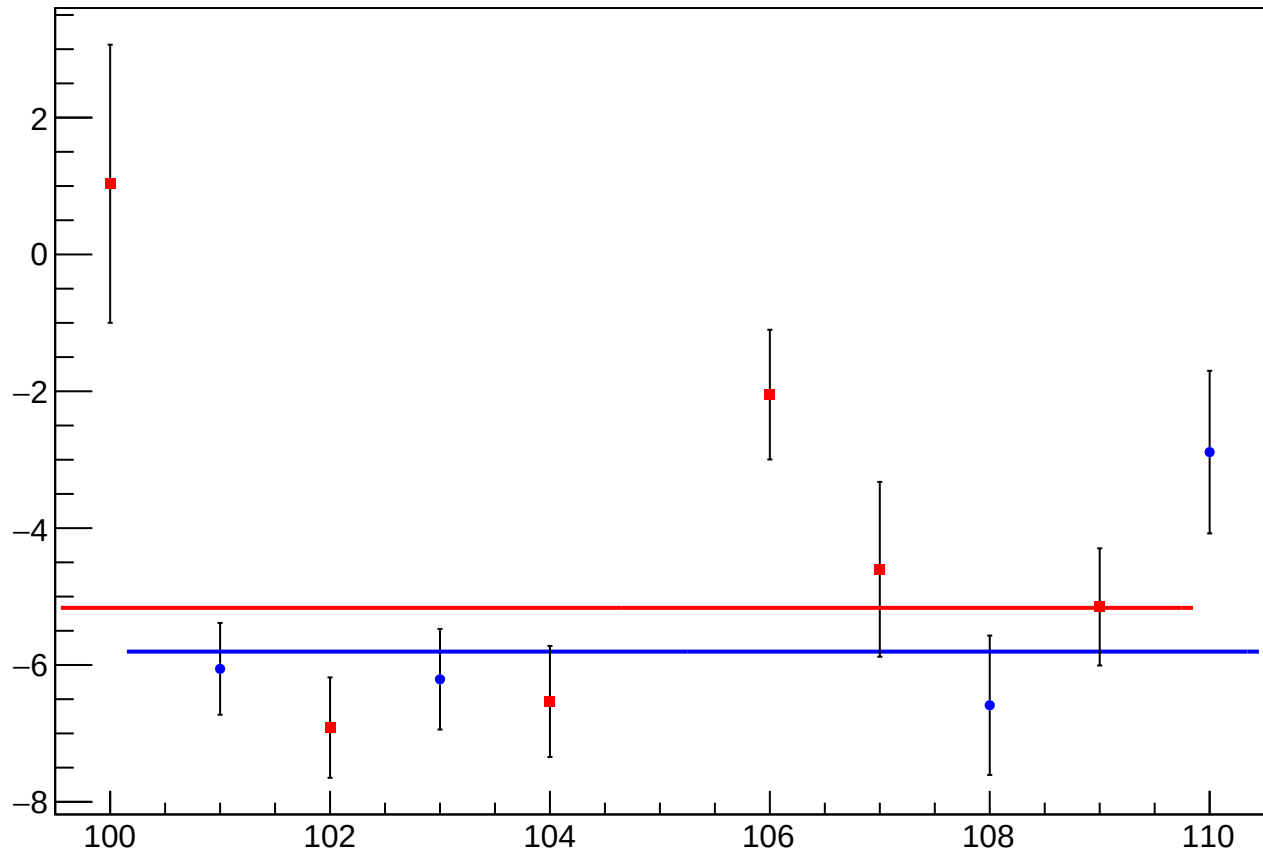
Right: -78.861 $\pm$ 0.310 χ^2 /NDF: 1878.4/9

In: -82.294 $\pm$ 0.461 χ^2 /NDF: 589.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -78.861 $\pm$ 0.310 χ^2 /NDF: 1878.4/9

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.804 $\pm$ 0.417 χ^2 /NDF: 7.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.165 $\pm$ 0.386 χ^2 /NDF: 28.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

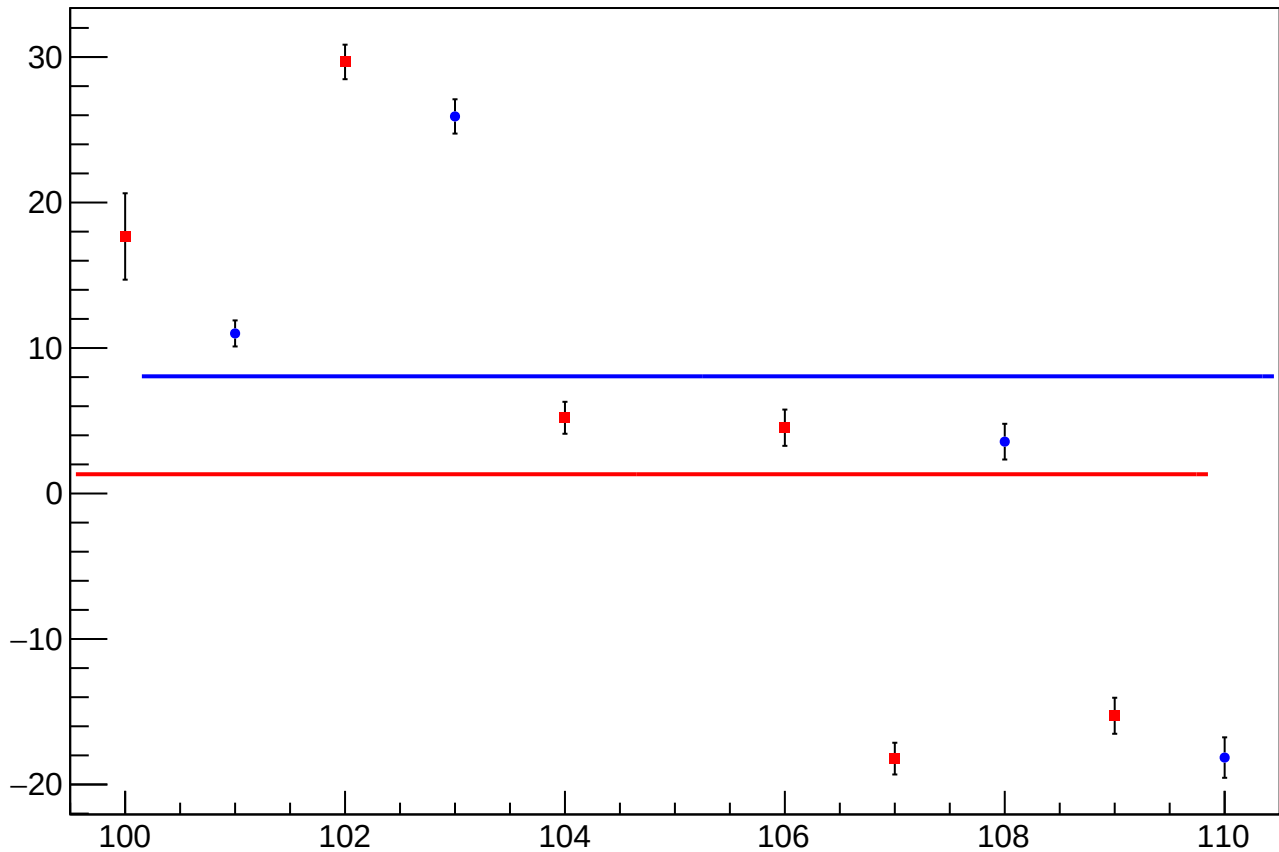
Right: -5.460 $\pm$ 0.283 χ^2 /NDF: 37.2/9

In: -5.804 $\pm$ 0.417 χ^2 /NDF: 7.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.460 $\pm$ 0.283 χ^2 /NDF: 37.2/9

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.055+/-0.564 χ^2/NDF : 608.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.324+/-0.514 χ^2/NDF : 1121.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

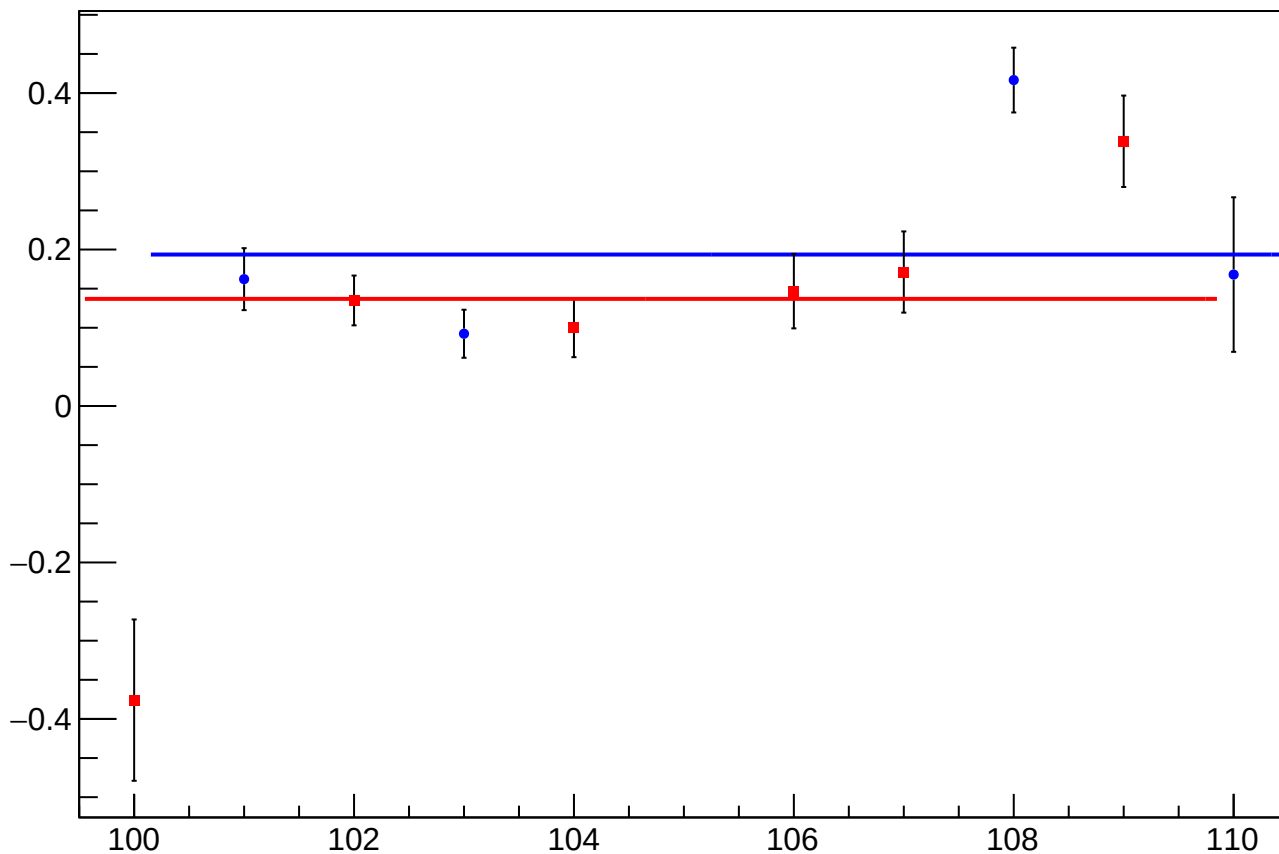
Right: 4.378+/-0.380 χ^2/NDF : 1807.8/9

In: 8.055+/-0.564 χ^2/NDF : 608.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.378+/-0.380 χ^2/NDF : 1807.8/9

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.194 $\pm$ 0.020 χ^2 /NDF: 40.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.137 $\pm$ 0.019 χ^2 /NDF: 38.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

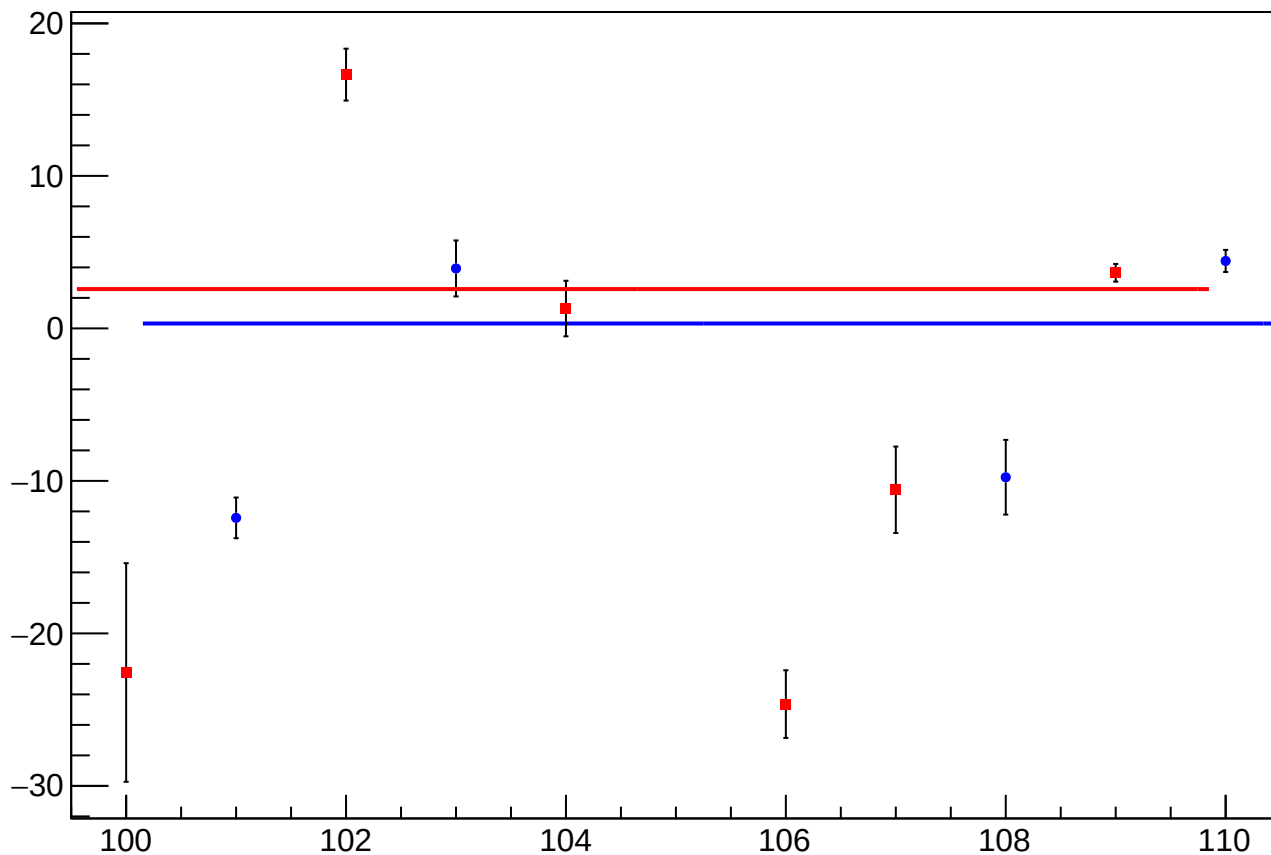
Right: 0.163 $\pm$ 0.014 χ^2 /NDF: 82.8/9

In: 0.194 $\pm$ 0.020 χ^2 /NDF:40.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.163 $\pm$ 0.014 χ^2 /NDF: 82.8/9

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.320+/-0.585 χ^2/NDF : 144.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.577+/-0.502 χ^2/NDF : 256.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

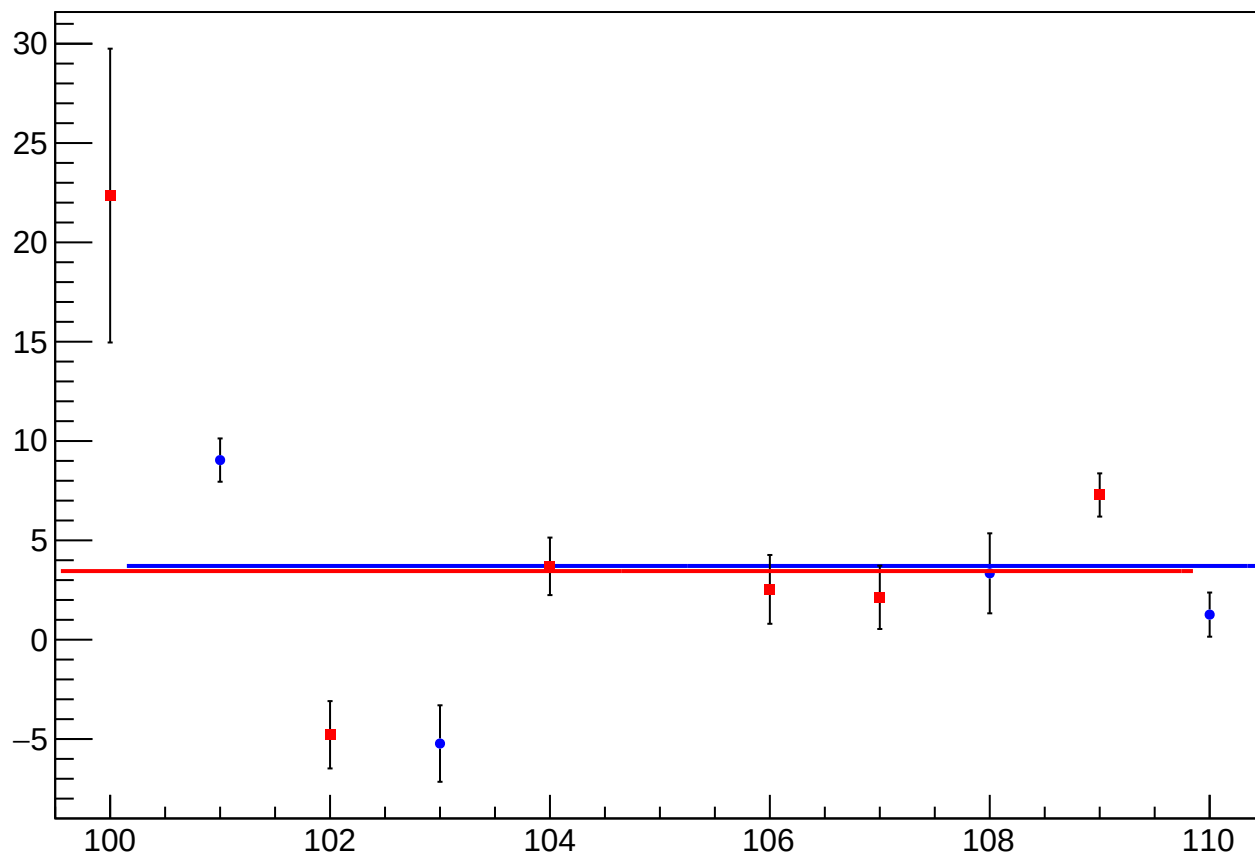
Right: 1.620+/-0.381 χ^2/NDF : 408.9/9

In: 0.320+/-0.585 χ^2/NDF : 144.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.620+/-0.381 χ^2/NDF : 408.9/9

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.712 $\pm$ 0.679 χ^2 /NDF: 50.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.454 $\pm$ 0.643 χ^2 /NDF: 43.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

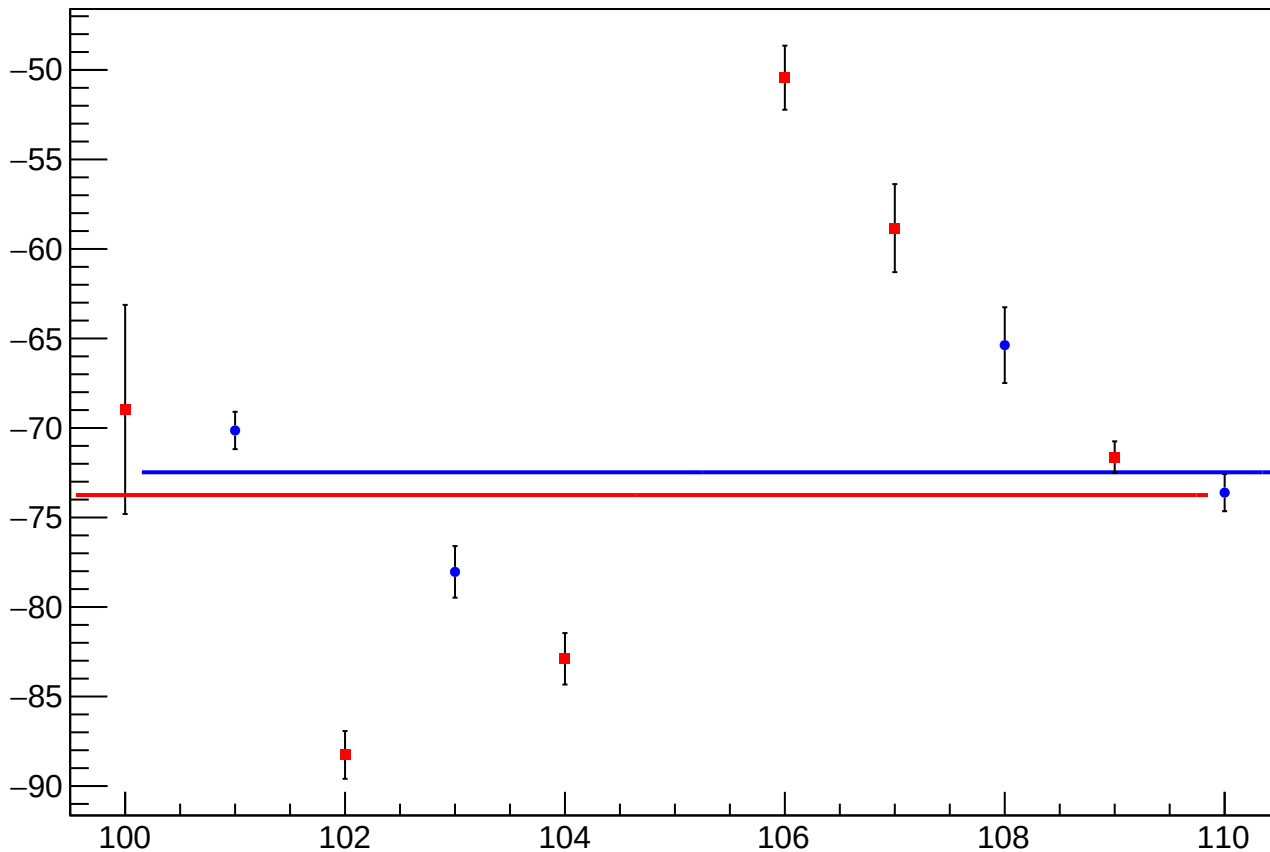
Right: 3.576 $\pm$ 0.467 χ^2 /NDF: 94.0/9

In: 3.712 $\pm$ 0.679 χ^2 /NDF:50.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.576 $\pm$ 0.467 χ^2 /NDF: 94.0/9

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.476 ± 0.626 $\chi^2/\text{NDF}: 32.4/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -73.747 ± 0.595 $\chi^2/\text{NDF}: 371.8/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

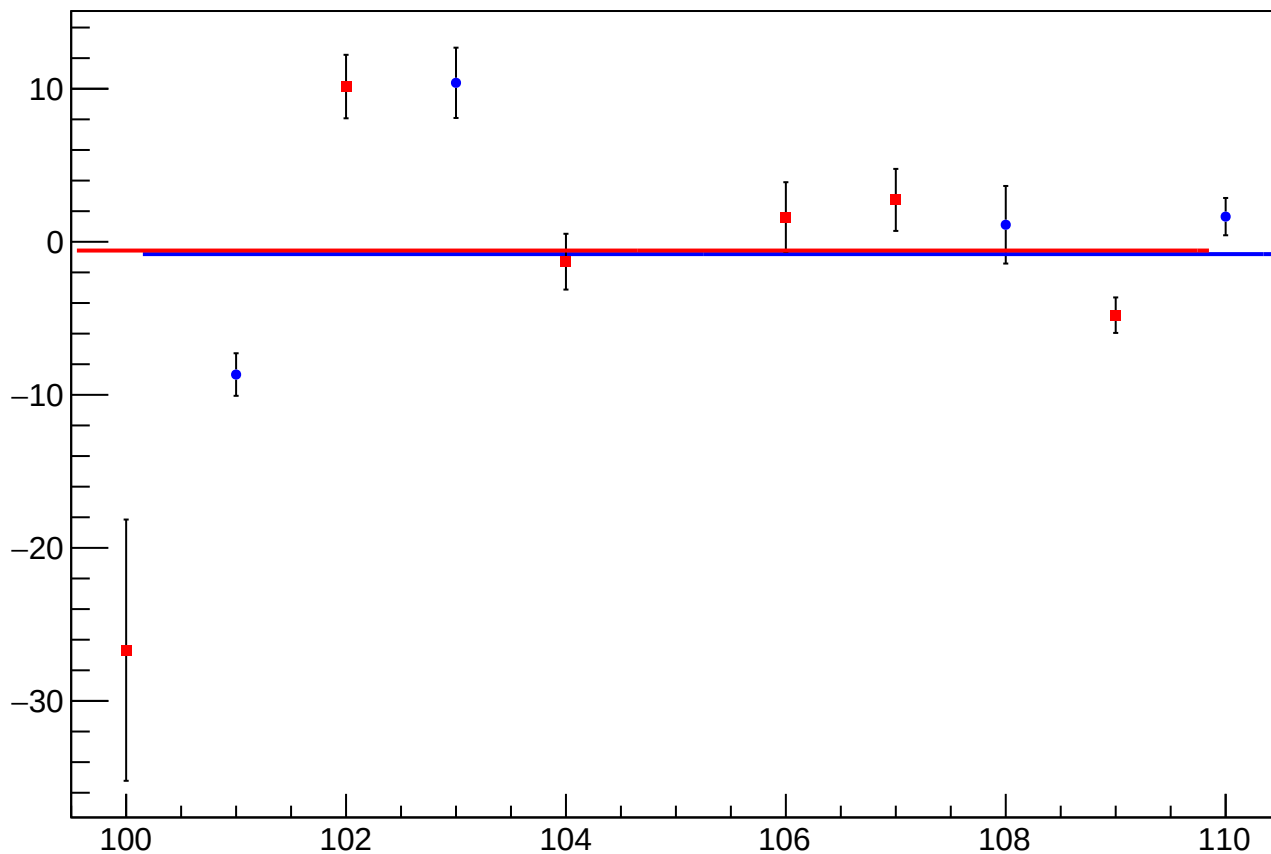
Right: -73.144 ± 0.431 $\chi^2/\text{NDF}: 406.4/9$

In: -72.476 ± 0.626 $\chi^2/\text{NDF}: 32.4/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -73.144 ± 0.431 $\chi^2/\text{NDF}: 406.4/9$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.804 ± 0.807 χ^2/NDF : 60.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.572 ± 0.761 χ^2/NDF : 53.1/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

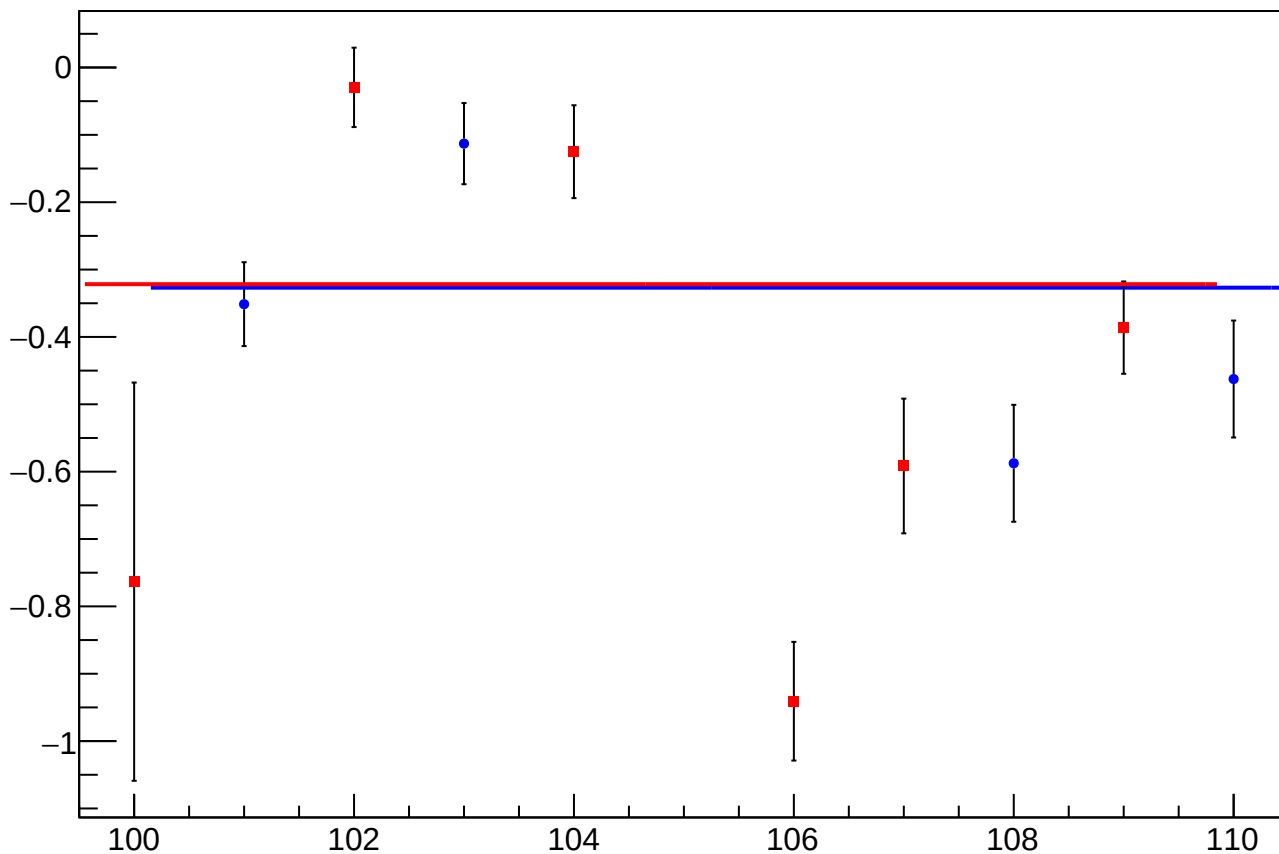
Right: -0.681 ± 0.554 χ^2/NDF : 113.5/9

In: -0.804 ± 0.807 χ^2/NDF : 60.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.681 ± 0.554 χ^2/NDF : 113.5/9

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.327 ± 0.035 χ^2/NDF : 24.2/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.322 ± 0.032 χ^2/NDF : 92.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

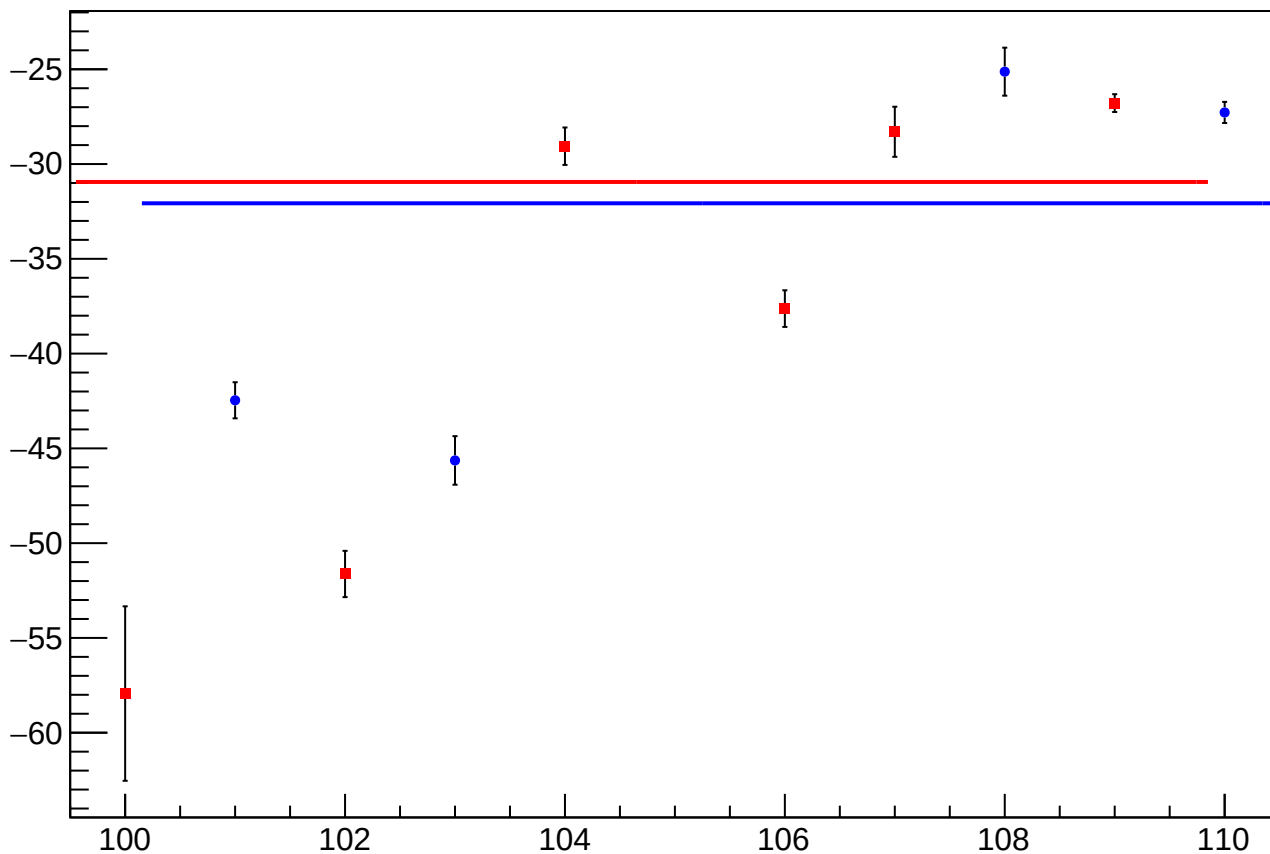
Right: -0.324 ± 0.024 χ^2/NDF : 116.7/9

In: -0.327 ± 0.035 χ^2/NDF : 24.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.324 ± 0.024 χ^2/NDF : 116.7/9

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.071+/-0.424 χ^2/NDF : 335.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.945+/-0.355 χ^2/NDF : 455.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

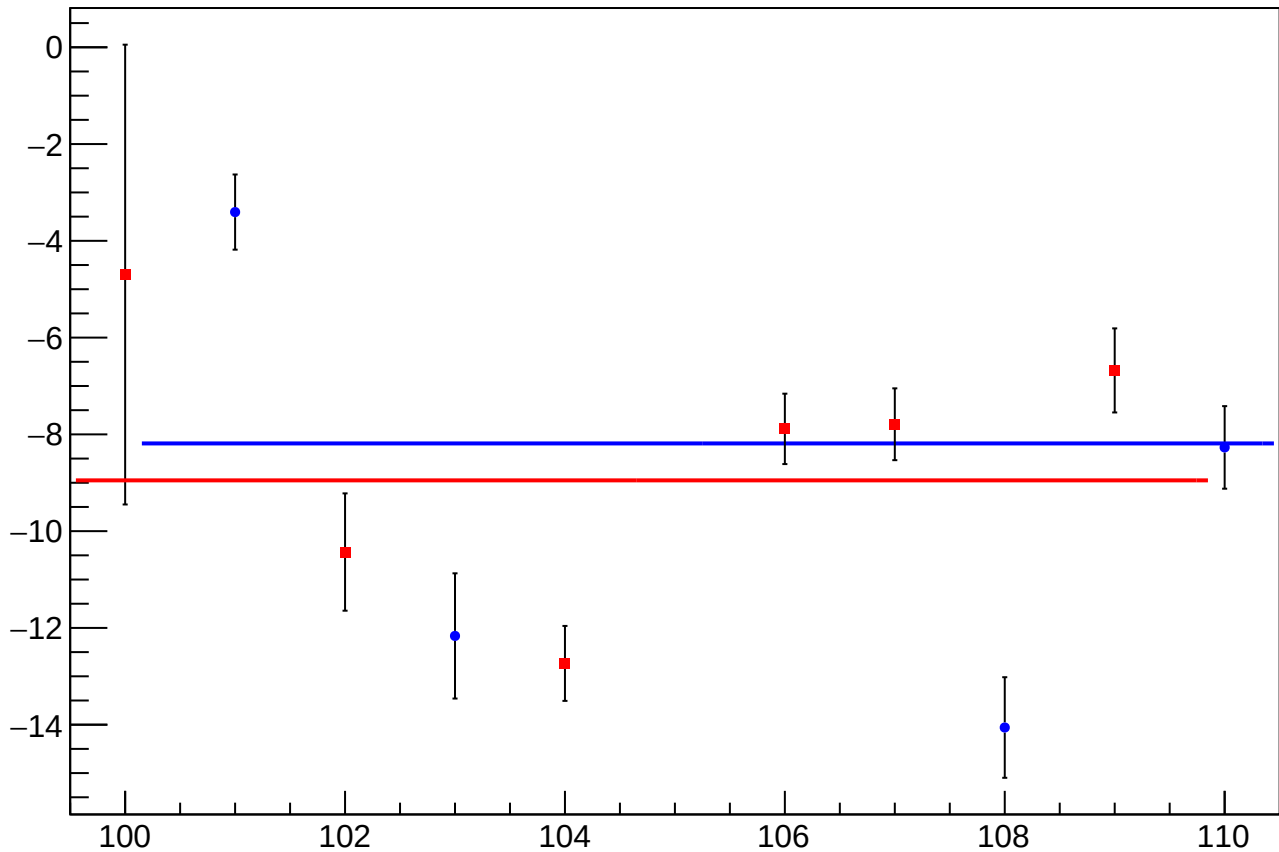
Right: -31.409+/-0.272 χ^2/NDF : 795.1/9

In: -32.071+/-0.424 χ^2/NDF : 335.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.409+/-0.272 χ^2/NDF : 795.1/9

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.187 $\pm$ 0.469 χ^2 /NDF: 79.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.950 $\pm$ 0.367 χ^2 /NDF: 37.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

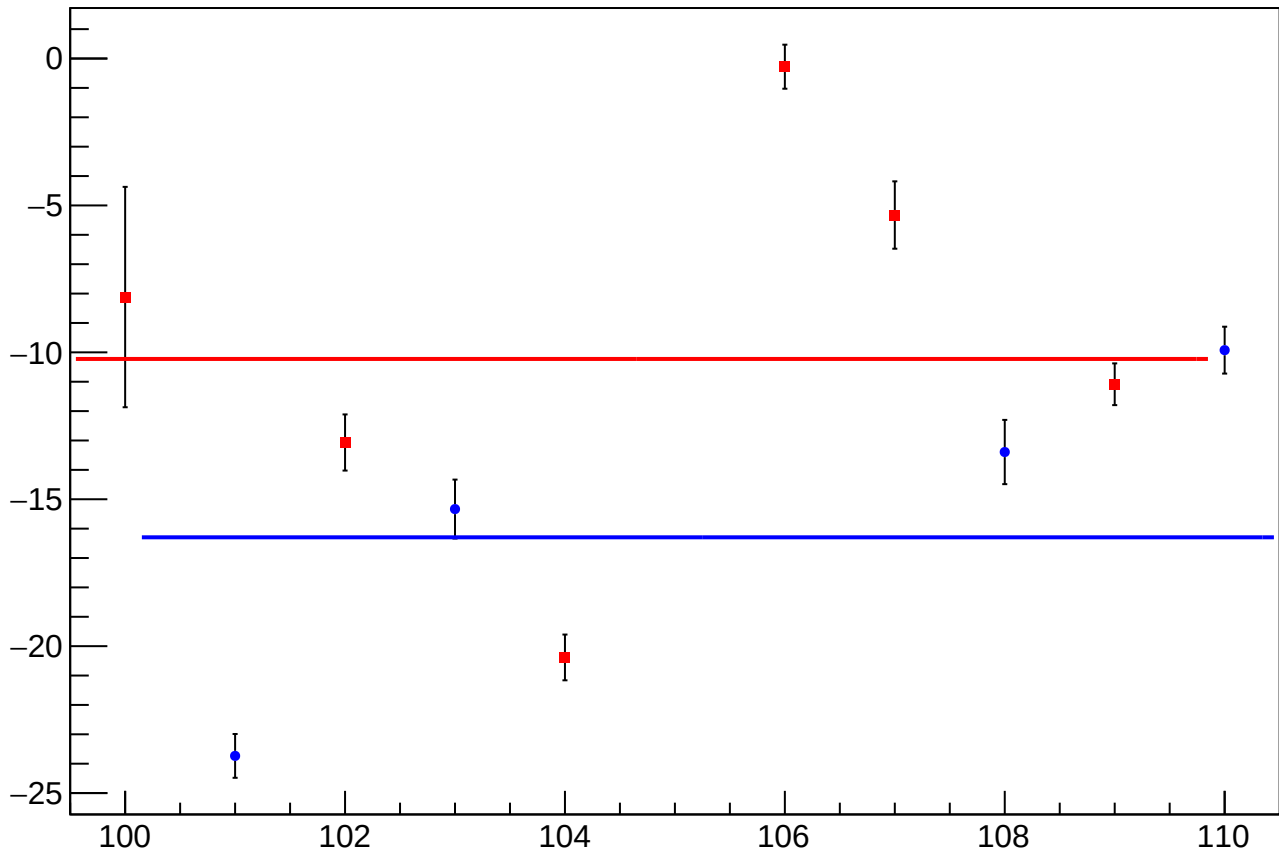
Right: -8.660 $\pm$ 0.289 χ^2 /NDF: 118.5/9

In: -8.187 $\pm$ 0.469 χ^2 /NDF:79.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.660 $\pm$ 0.289 χ^2 /NDF: 118.5/9

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -16.295 ± 0.438 $\chi^2/\text{NDF}: 171.4/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -10.225 ± 0.369 $\chi^2/\text{NDF}: 375.1/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

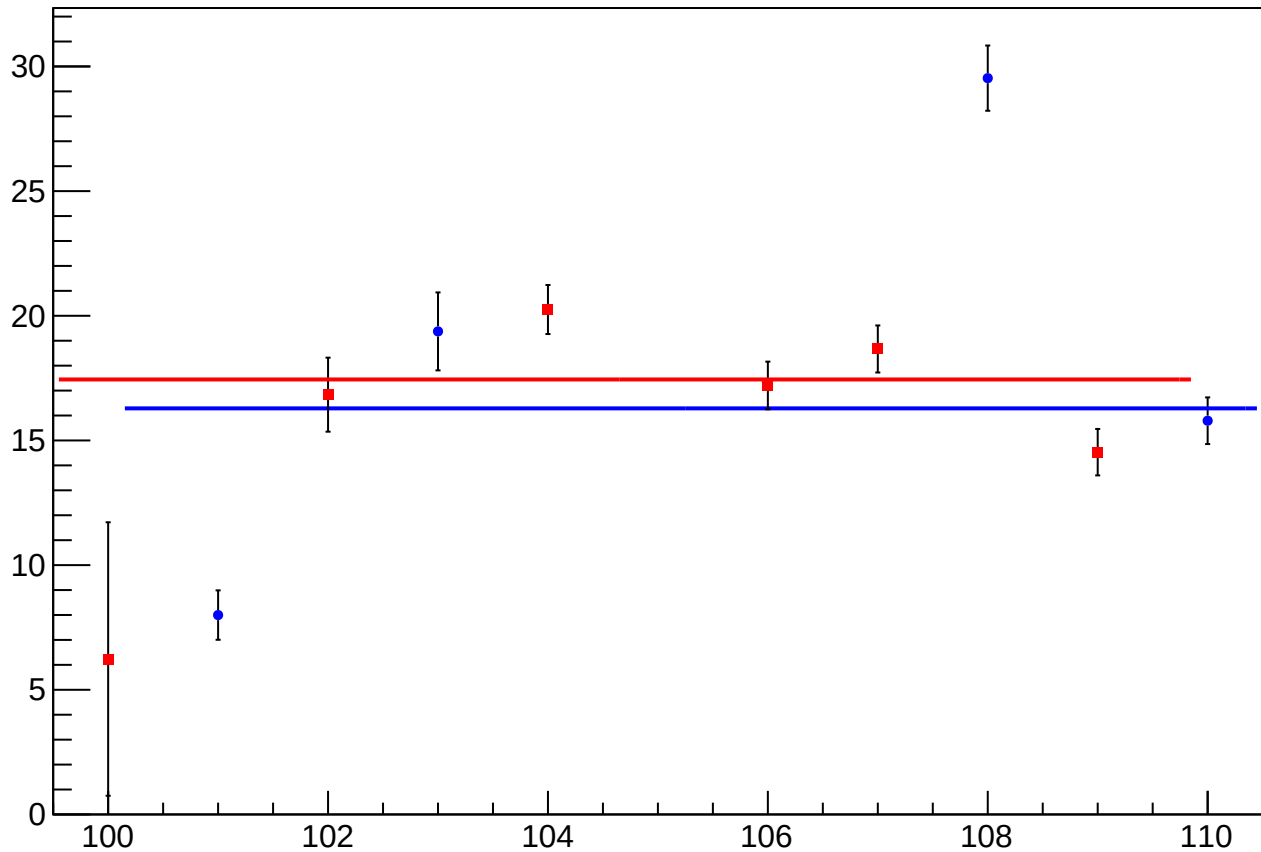
Right: -12.743 ± 0.282 $\chi^2/\text{NDF}: 658.7/9$

In: -16.295 ± 0.438 $\chi^2/\text{NDF}: 171.4/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -12.743 ± 0.282 $\chi^2/\text{NDF}: 658.7/9$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.287 $\pm$ 0.563 χ^2 /NDF: 176.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.447 $\pm$ 0.452 χ^2 /NDF: 24.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

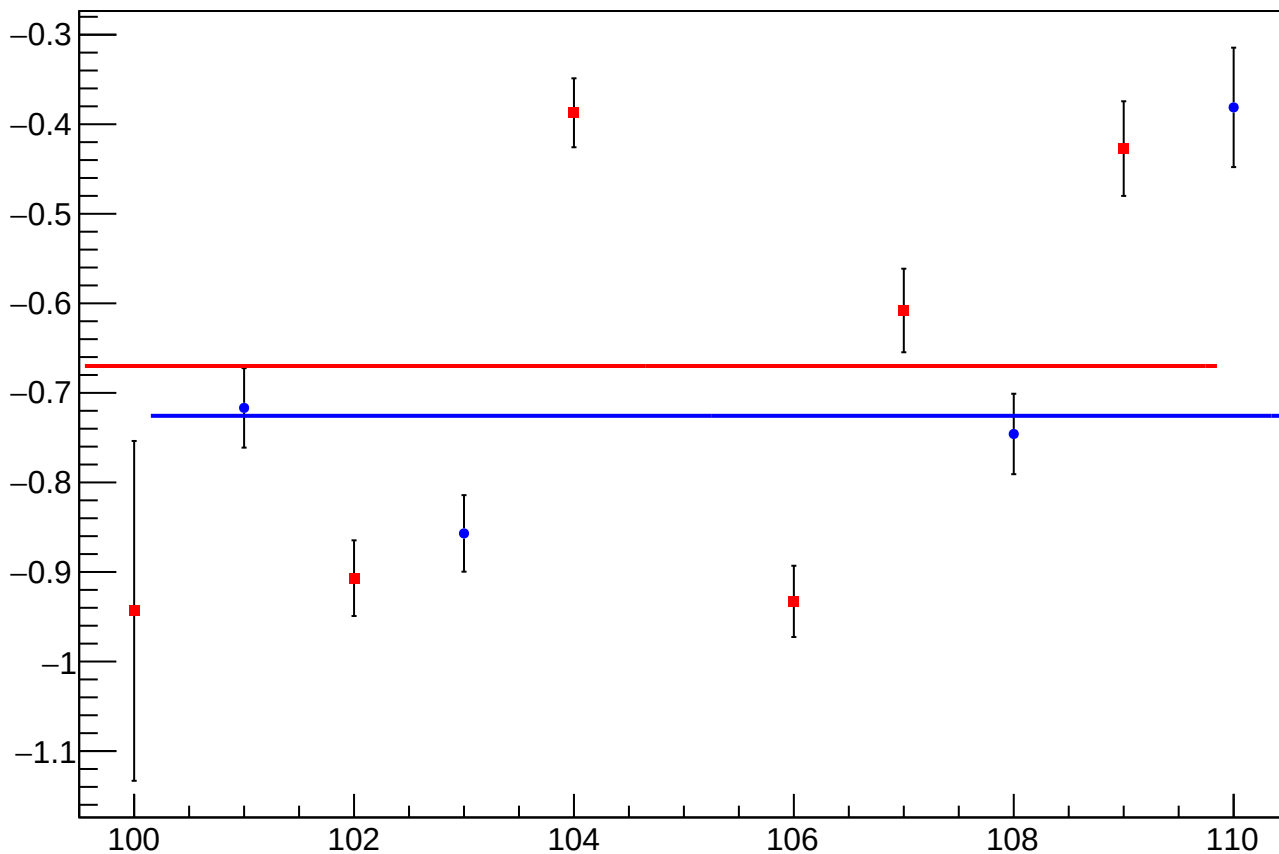
Right: 16.992 $\pm$ 0.353 χ^2 /NDF: 203.2/9

In: 16.287 $\pm$ 0.563 χ^2 /NDF: 176.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.992 $\pm$ 0.353 χ^2 /NDF: 203.2/9

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.726 $\pm$ 0.024 χ^2 /NDF: 36.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.670 $\pm$ 0.019 χ^2 /NDF: 153.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

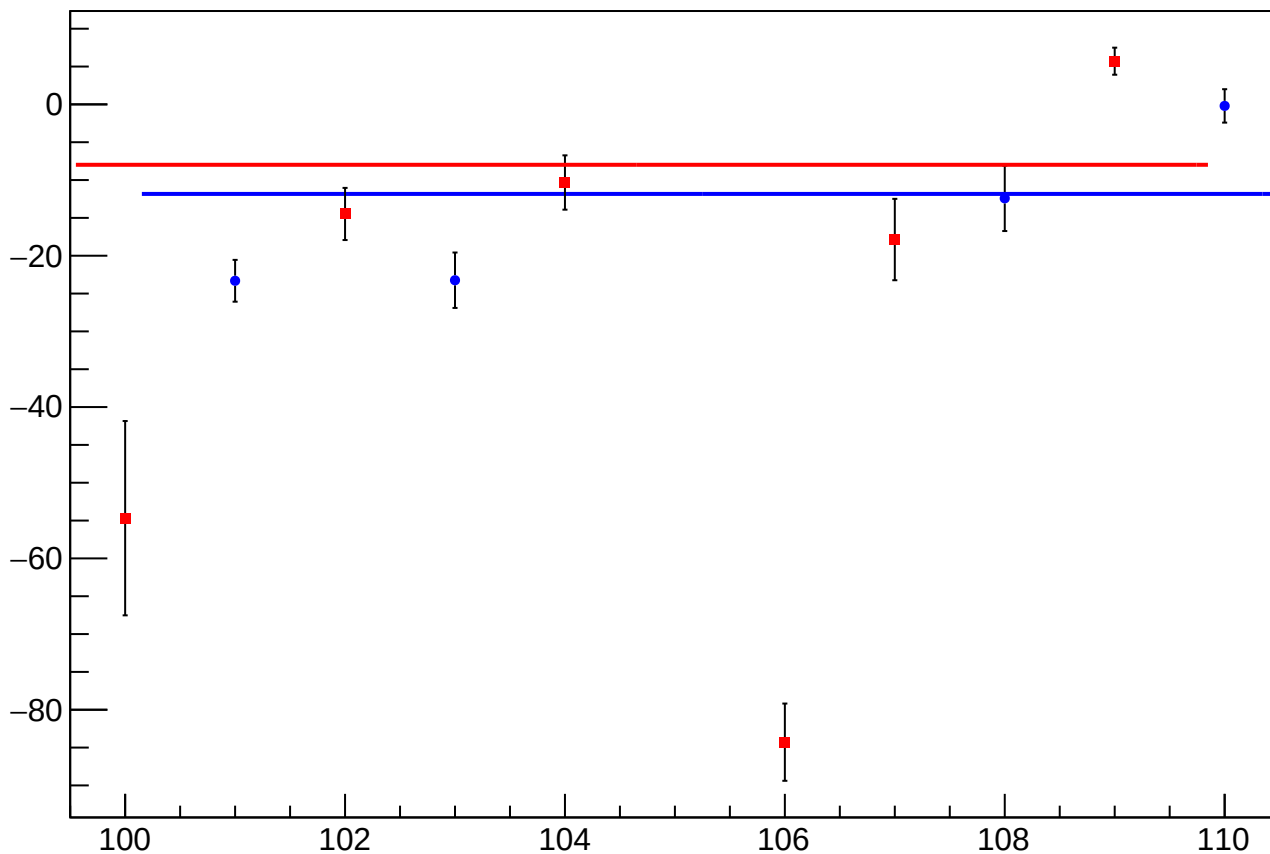
Right: -0.692 $\pm$ 0.015 χ^2 /NDF: 193.6/9

In: -0.726 $\pm$ 0.024 χ^2 /NDF:36.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.692 $\pm$ 0.015 χ^2 /NDF: 193.6/9

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.833+/-1.468 χ^2/NDF : 54.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.984+/-1.344 χ^2/NDF : 302.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

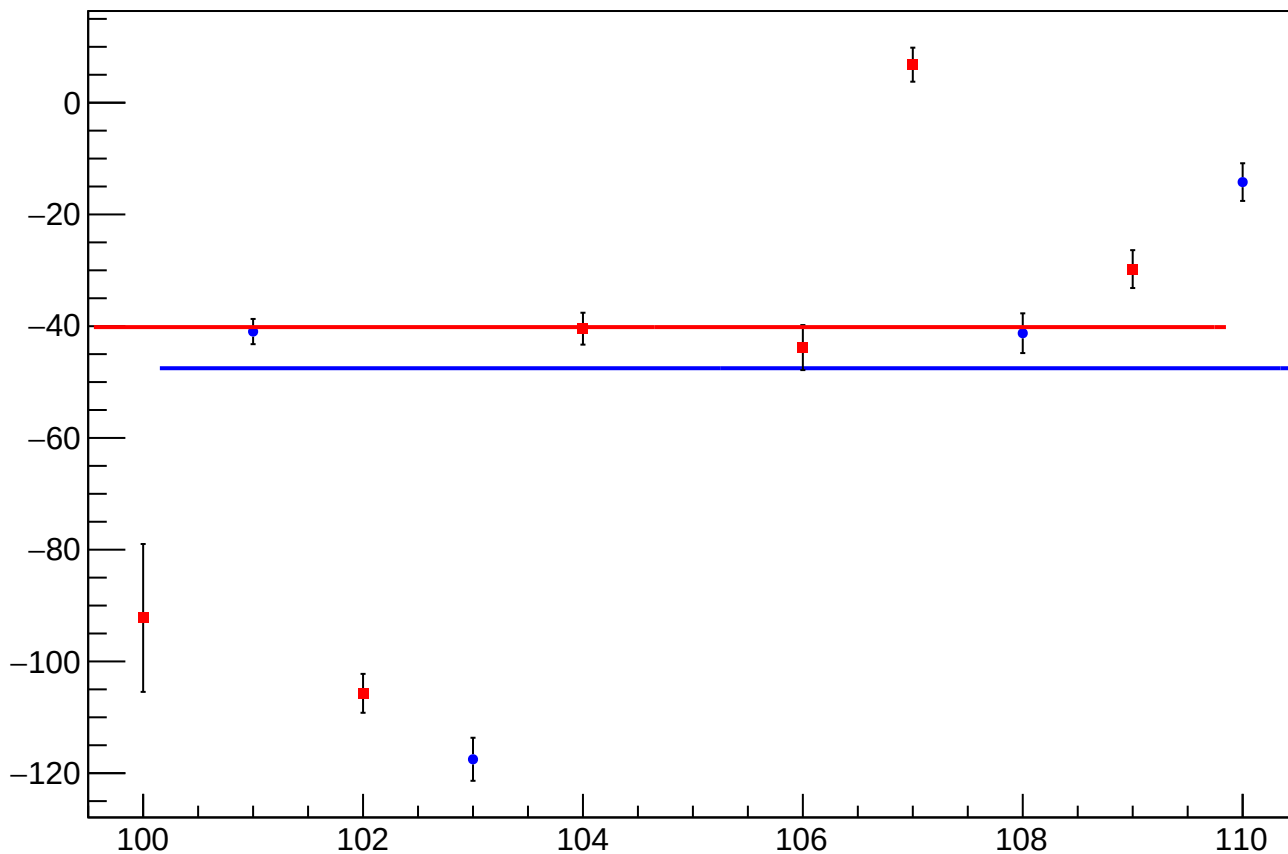
Right: -9.739+/-0.991 χ^2/NDF : 361.2/9

In: -11.833+/-1.468 χ^2/NDF : 54.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.739+/-0.991 χ^2/NDF : 361.2/9

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -47.523+/-1.523 χ^2/NDF : 439.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.162+/-1.463 χ^2/NDF : 618.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

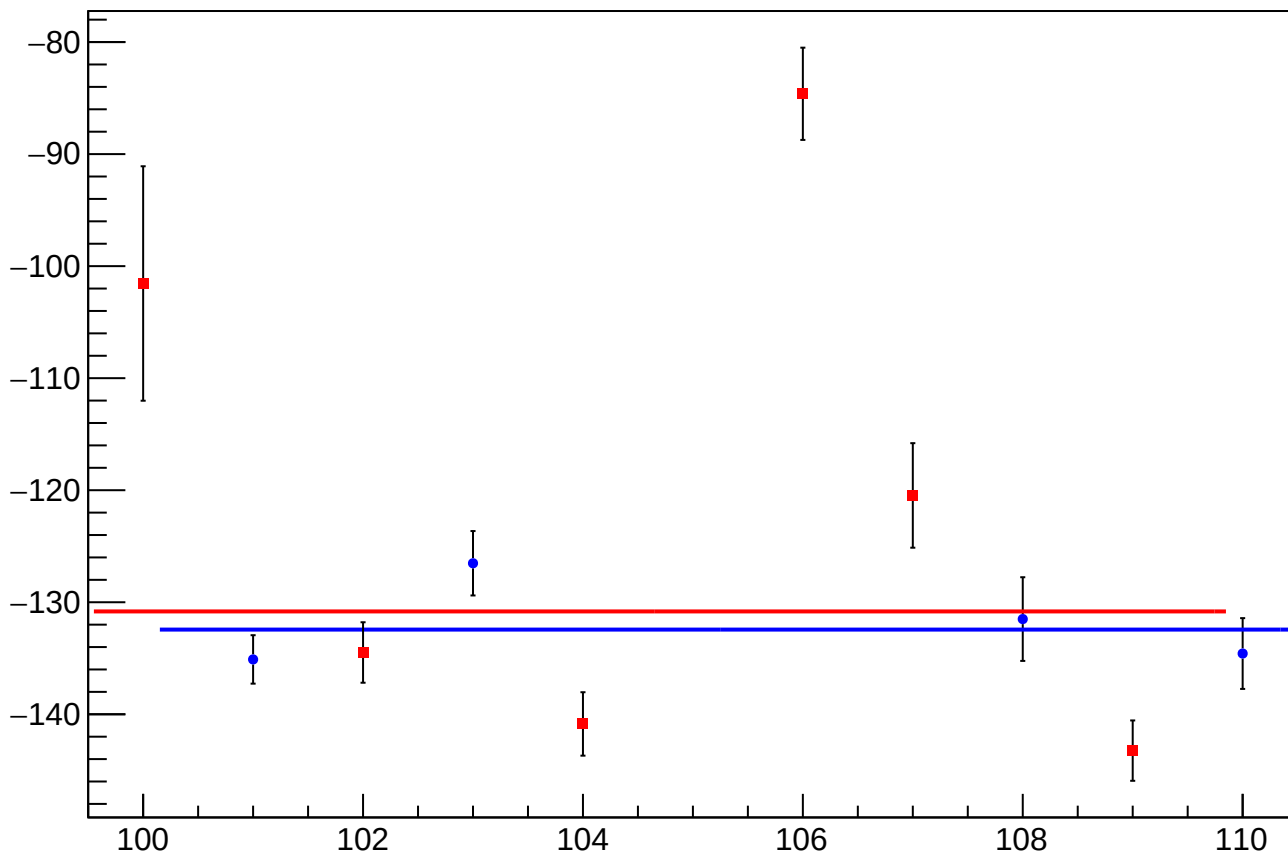
Right: -43.693+/-1.055 χ^2/NDF : 1069.8/9

In: -47.523+/-1.523 χ^2/NDF : 439.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.693+/-1.055 χ^2/NDF : 1069.8/9

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -132.440+/-1.405 χ^2/NDF : 6.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -130.819+/-1.395 χ^2/NDF : 174.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

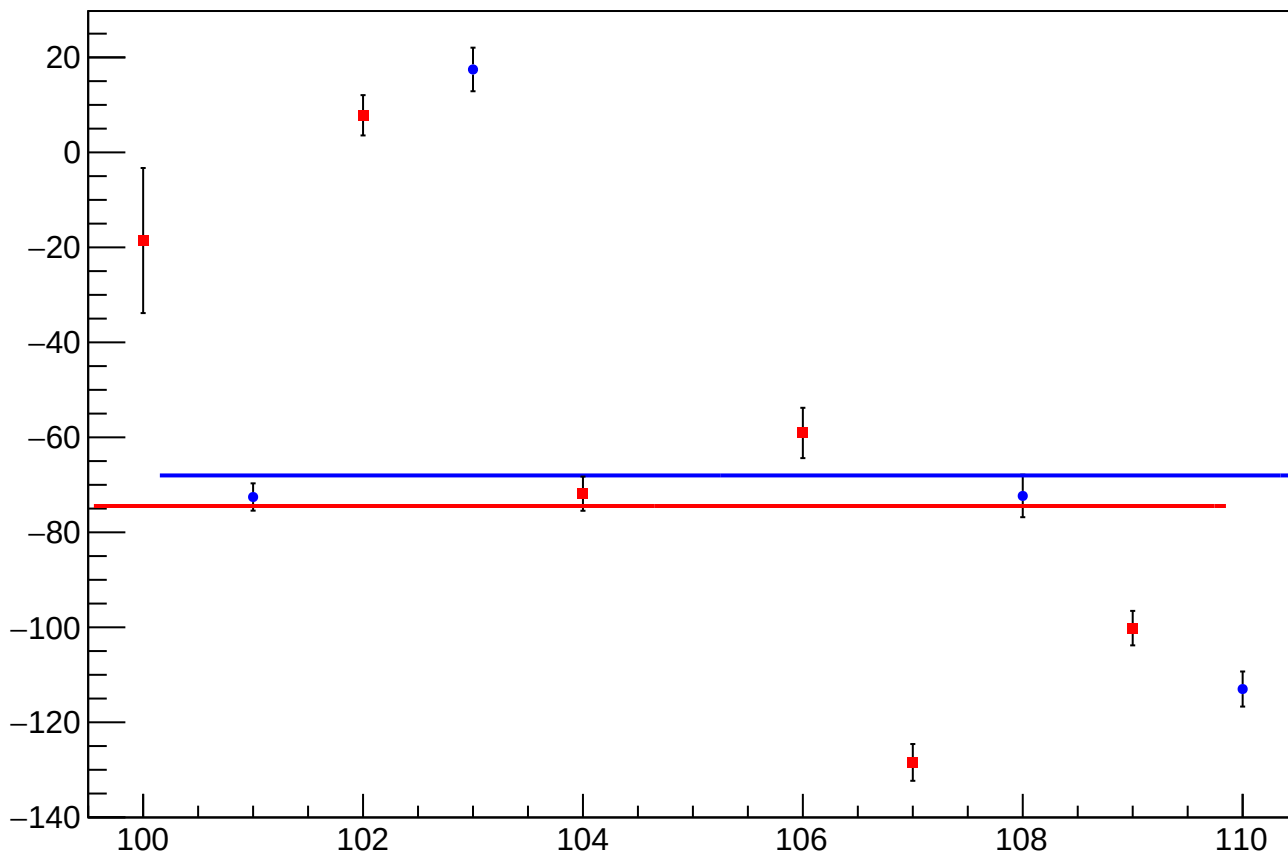
Right: -131.624+/-0.990 χ^2/NDF : 181.4/9

In: -132.440+/-1.405 χ^2/NDF : 6.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.624+/-0.990 χ^2/NDF : 181.4/9

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.022+/-1.852 χ^2/NDF : 498.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -74.456+/-1.781 χ^2/NDF : 642.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

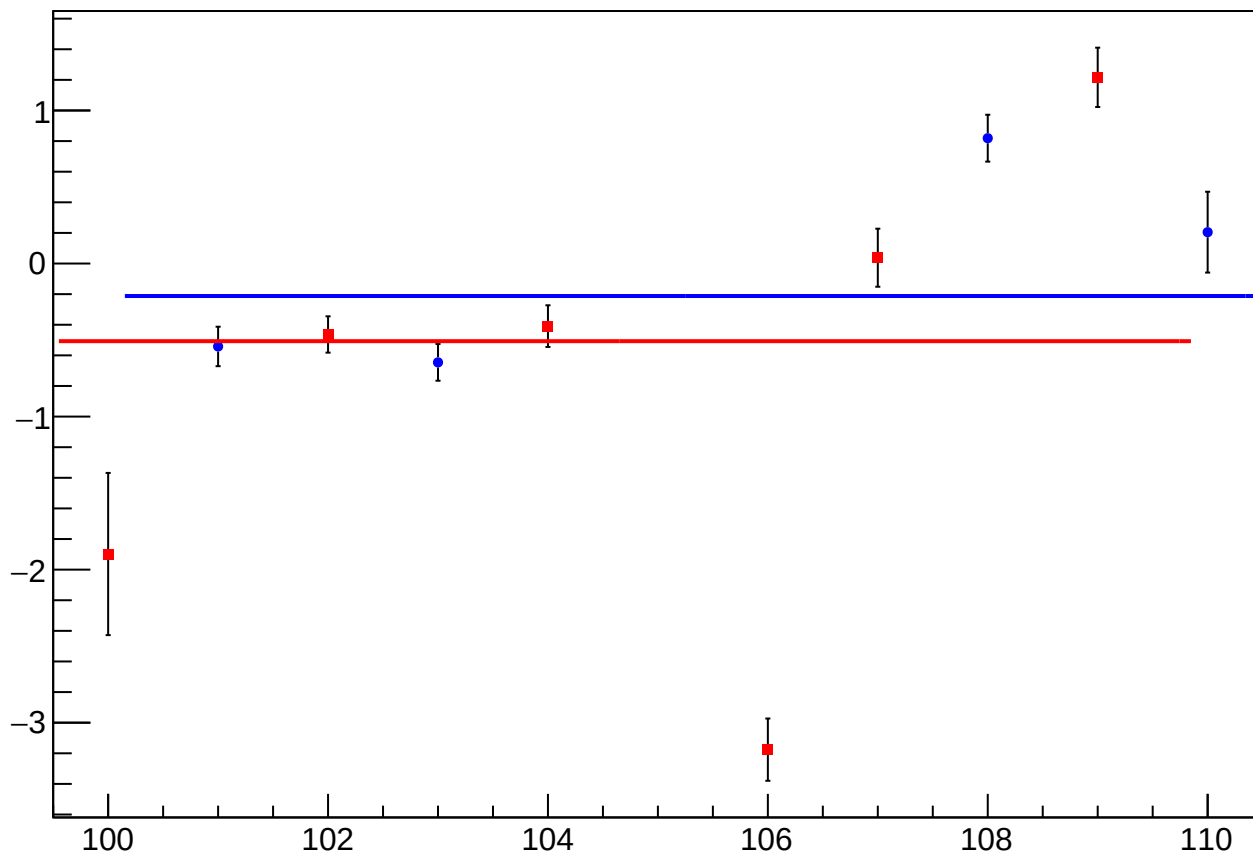
Right: -71.364+/-1.284 χ^2/NDF : 1147.9/9

In: -68.022+/-1.852 χ^2/NDF : 498.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.364+/-1.284 χ^2/NDF : 1147.9/9

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.212 ± 0.073 χ^2/NDF : 67.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.507 ± 0.069 χ^2/NDF : 267.0/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

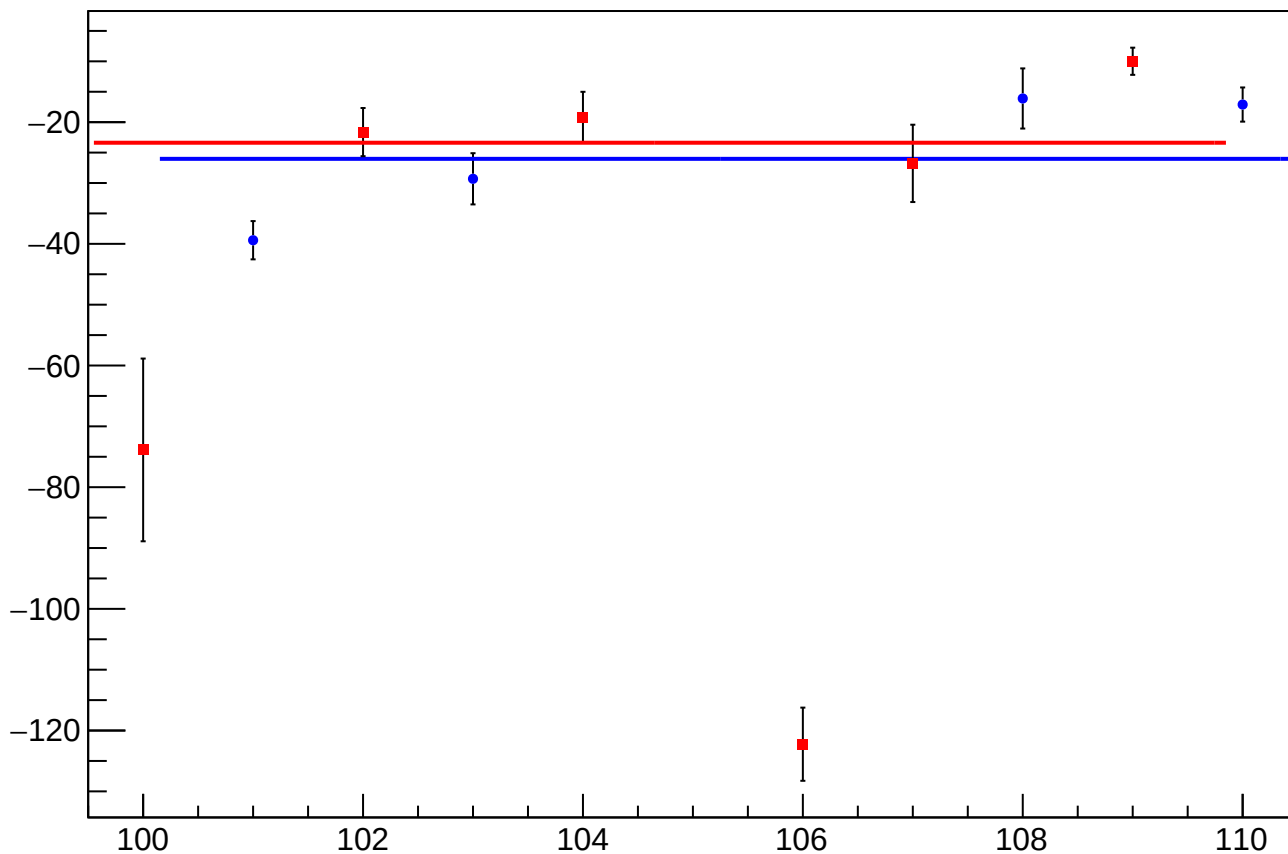
Right: -0.367 ± 0.050 χ^2/NDF : 343.0/9

In: -0.212 ± 0.073 χ^2/NDF : 67.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.367 ± 0.050 χ^2/NDF : 343.0/9

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.028+/-1.754 χ^2/NDF : 32.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.379+/-1.624 χ^2/NDF : 319.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

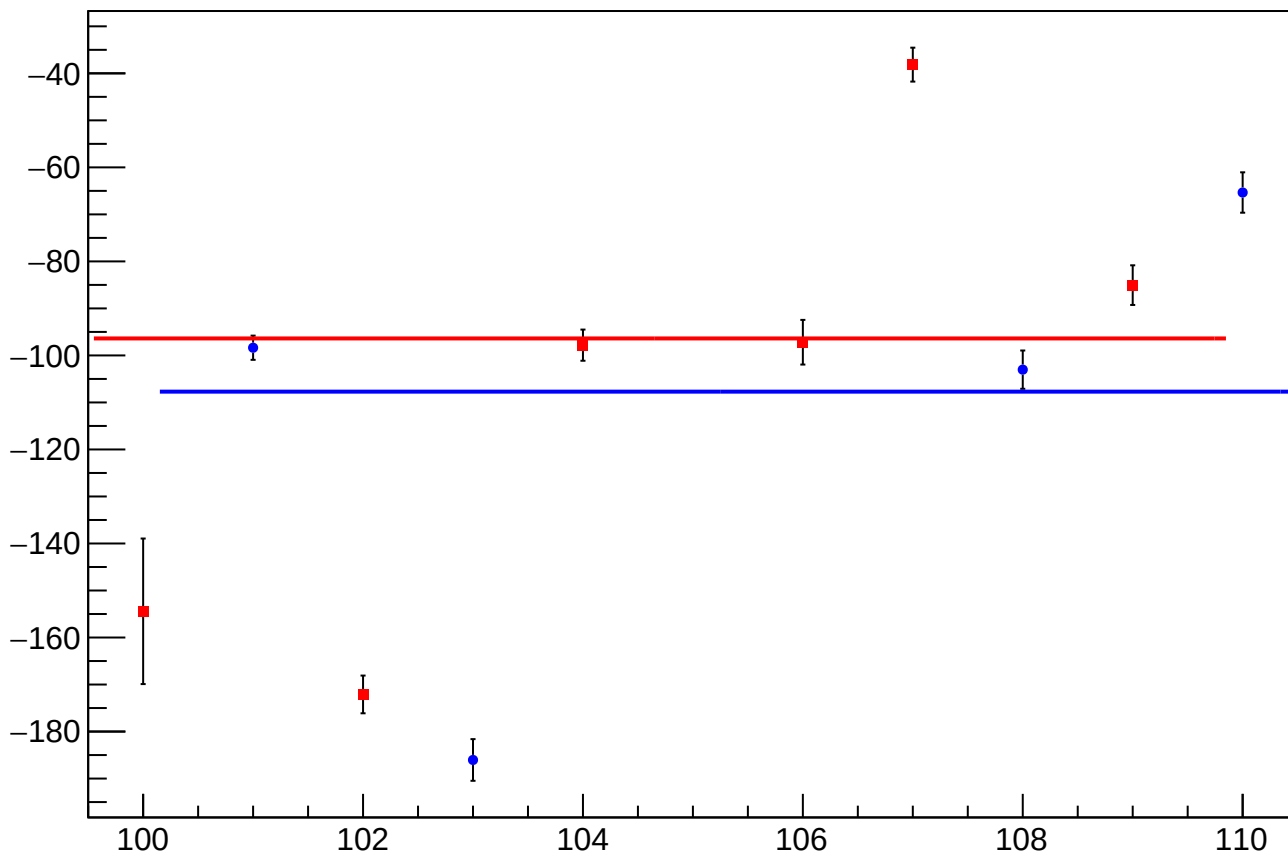
Right: -24.602+/-1.192 χ^2/NDF : 353.1/9

In: -26.028+/-1.754 χ^2/NDF : 32.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.602+/-1.192 χ^2/NDF : 353.1/9

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -107.702 $\pm$ 1.778 χ^2 /NDF: 424.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -96.387 $\pm$ 1.729 χ^2 /NDF: 638.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

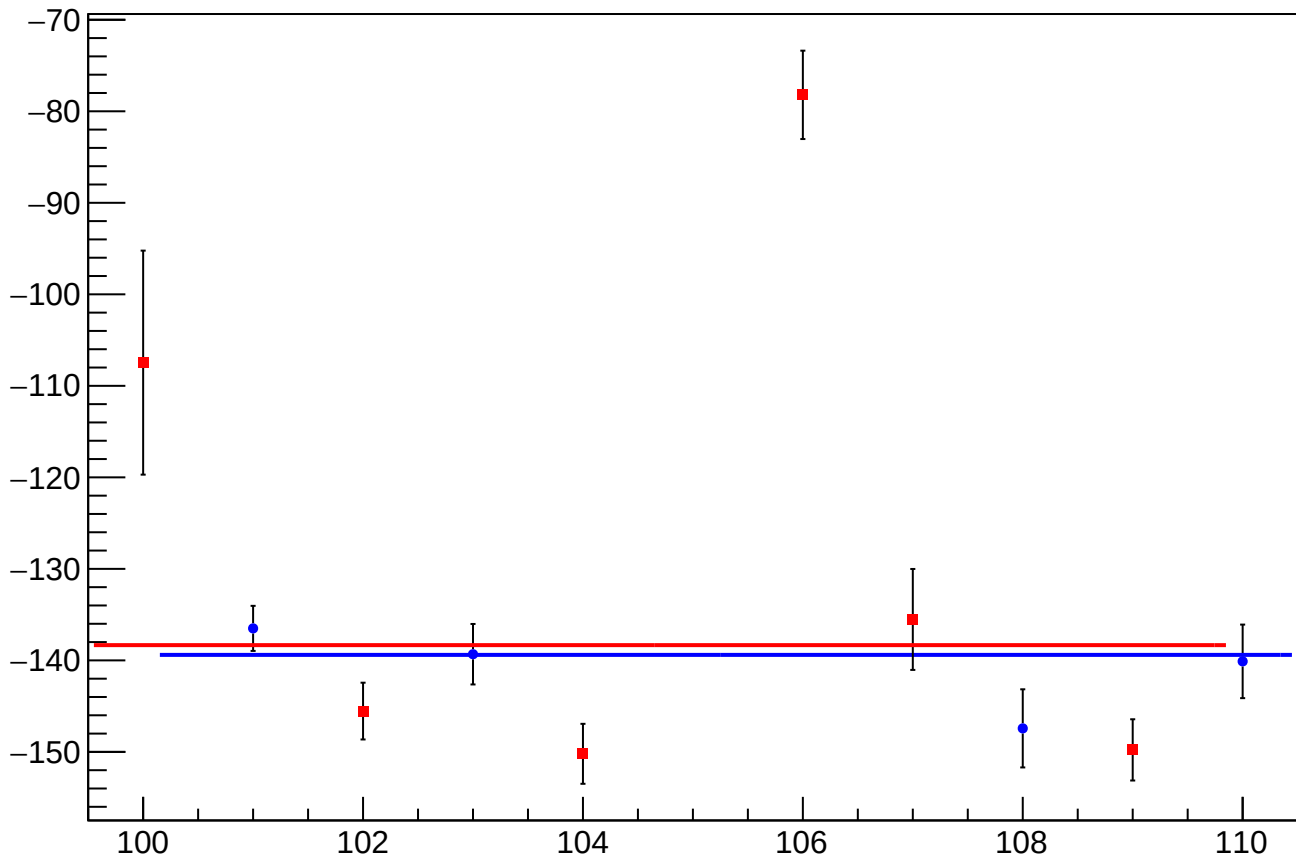
Right: -101.886 $\pm$ 1.239 χ^2 /NDF: 1083.2/9

In: -107.702 $\pm$ 1.778 χ^2 /NDF: 424.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -101.886 $\pm$ 1.239 χ^2 /NDF: 1083.2/9

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -139.399+/-1.637 χ^2/NDF : 5.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -138.334+/-1.646 χ^2/NDF : 192.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

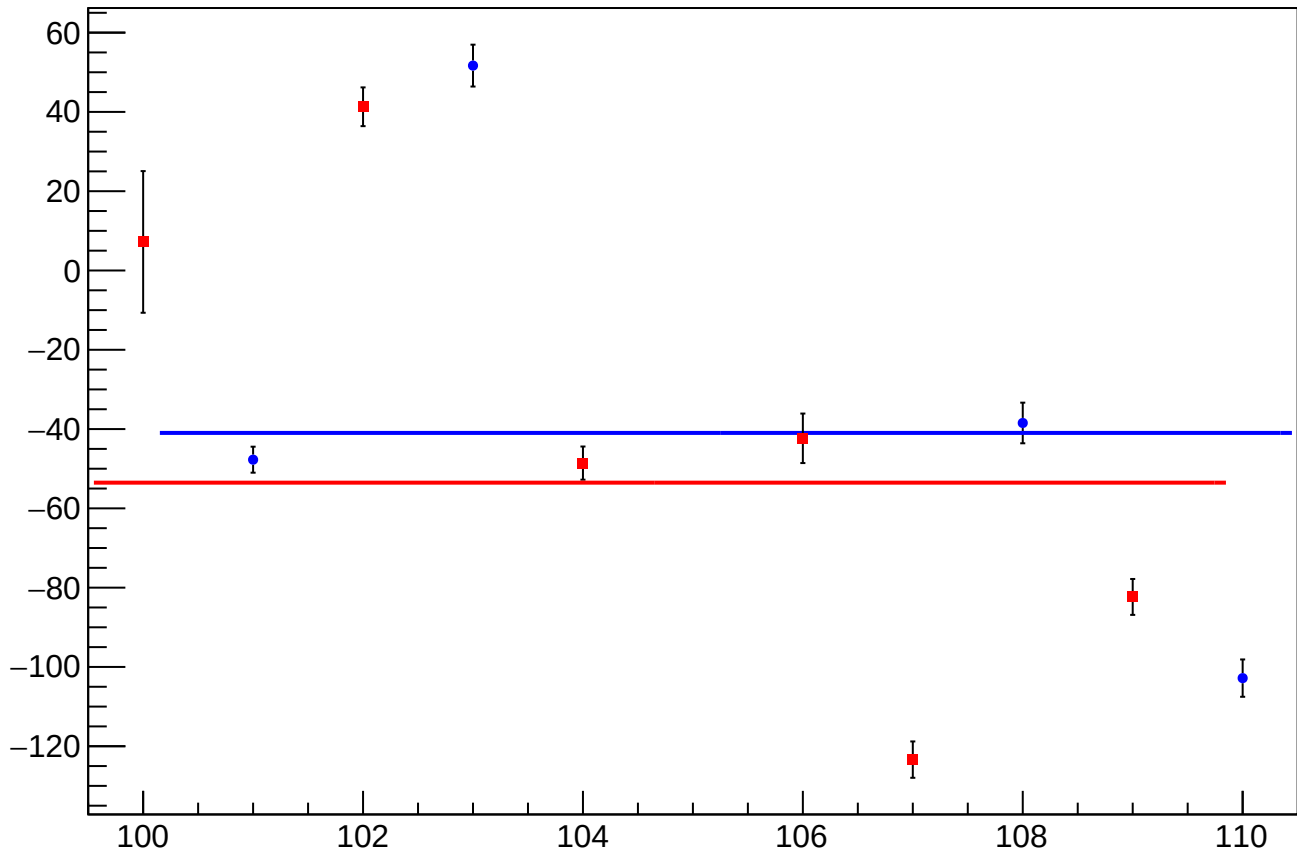
Right: -138.870+/-1.161 χ^2/NDF : 197.1/9

In: -139.399+/-1.637 χ^2/NDF : 5.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.870+/-1.161 χ^2/NDF : 197.1/9

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -40.969 $\pm$ 2.171 χ^2 /NDF: 485.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -53.516 $\pm$ 2.112 χ^2 /NDF: 665.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

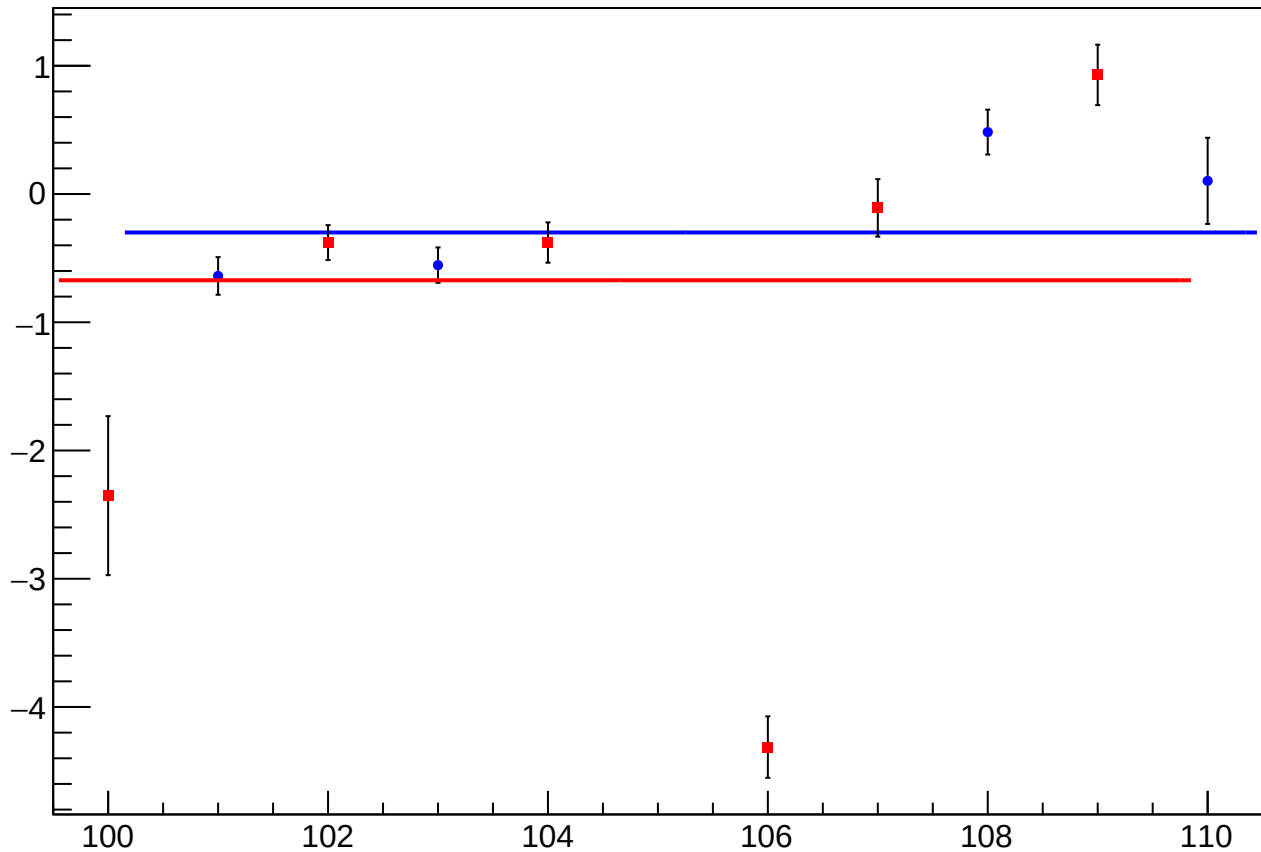
Right: -47.416 $\pm$ 1.514 χ^2 /NDF: 1167.3/9

In: -40.969 $\pm$ 2.171 χ^2 /NDF:485.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.416 $\pm$ 1.514 χ^2 /NDF: 1167.3/9

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.300 ± 0.084 χ^2/NDF : 30.2/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.672 ± 0.081 χ^2/NDF : 298.8/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

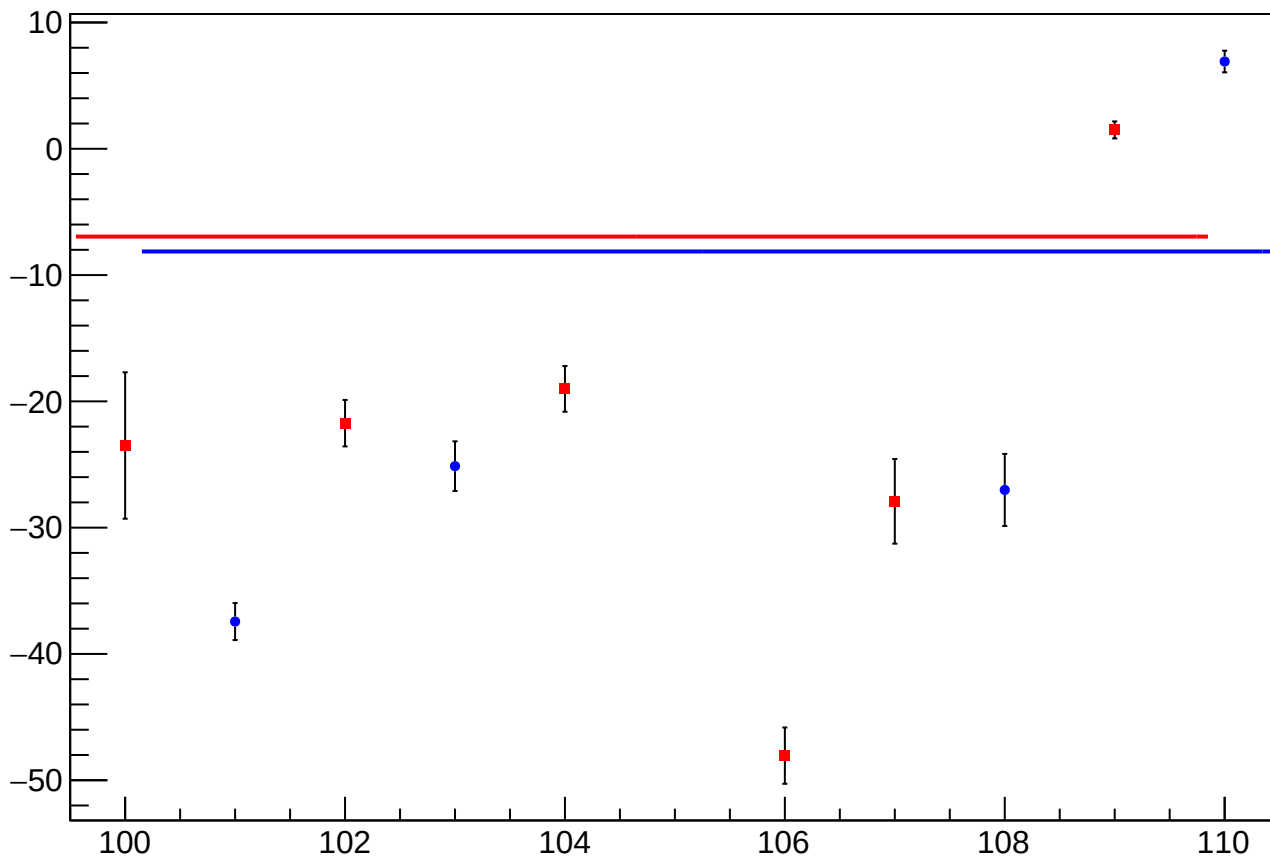
Right: -0.494 ± 0.058 χ^2/NDF : 339.1/9

In: -0.300 ± 0.084 χ^2/NDF : 30.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.494 ± 0.058 χ^2/NDF : 339.1/9

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.132+/-0.674 χ^2 /NDF: 825.1/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -6.951+/-0.565 χ^2 /NDF: 653.9/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

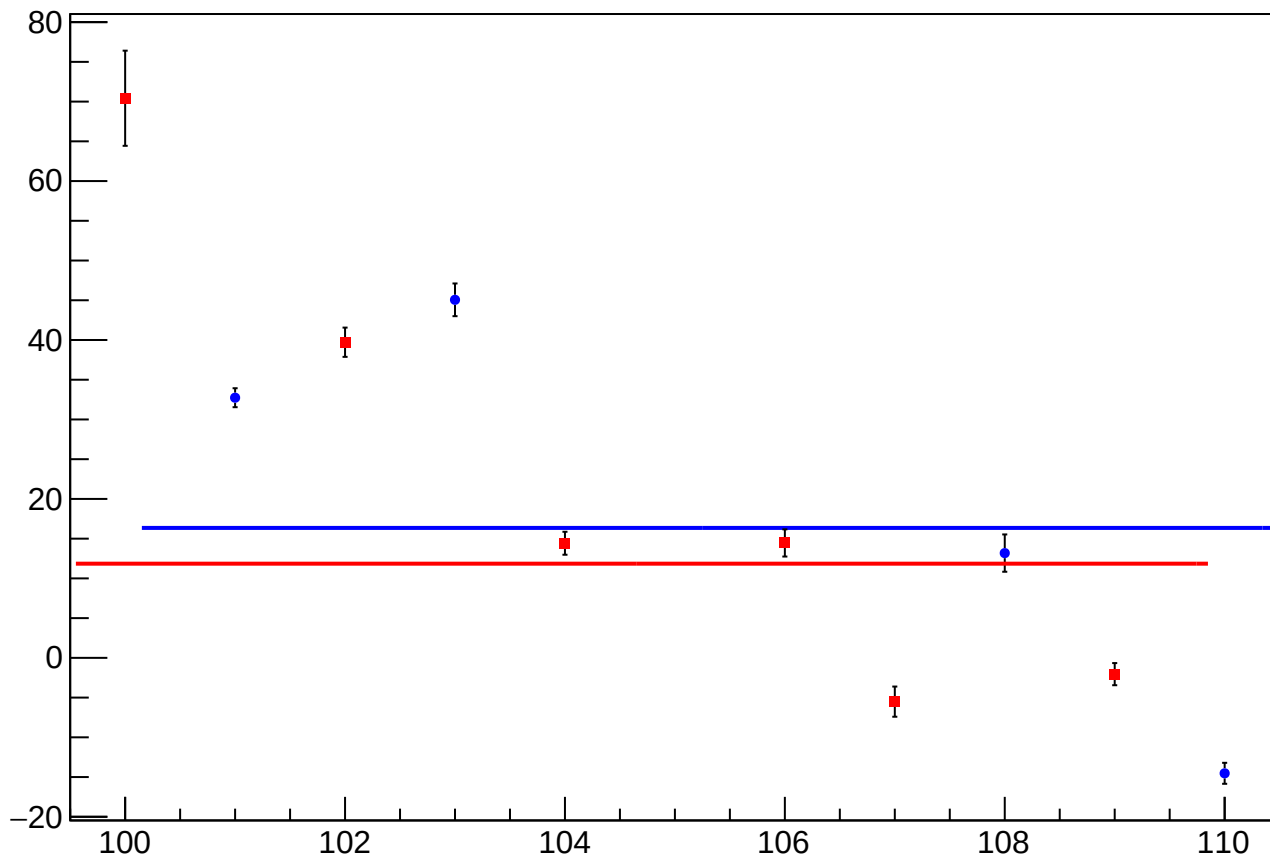
Right: -7.438+/-0.433 χ^2 /NDF: 1480.8/9

In: -8.132+/-0.674 χ^2 /NDF:825.1/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.438+/-0.433 χ^2 /NDF: 1480.8/9

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.352+/-0.768 χ^2/NDF : 931.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.852+/-0.719 χ^2/NDF : 513.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

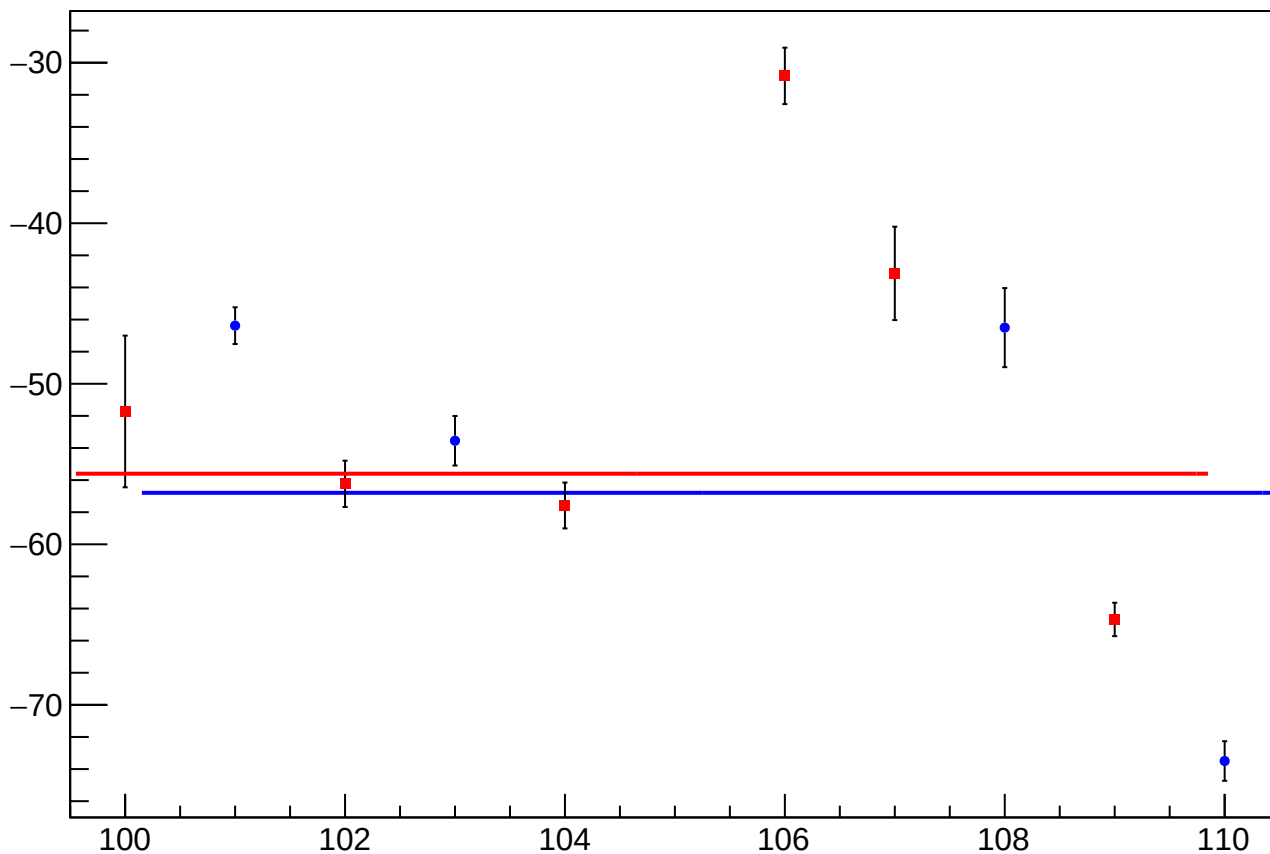
Right: 13.951+/-0.525 χ^2/NDF : 1463.7/9

In: 16.352+/-0.768 χ^2/NDF : 931.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.951+/-0.525 χ^2/NDF : 1463.7/9

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.792 $\pm$ 0.706 χ^2 /NDF: 288.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -55.602 $\pm$ 0.648 χ^2 /NDF: 296.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

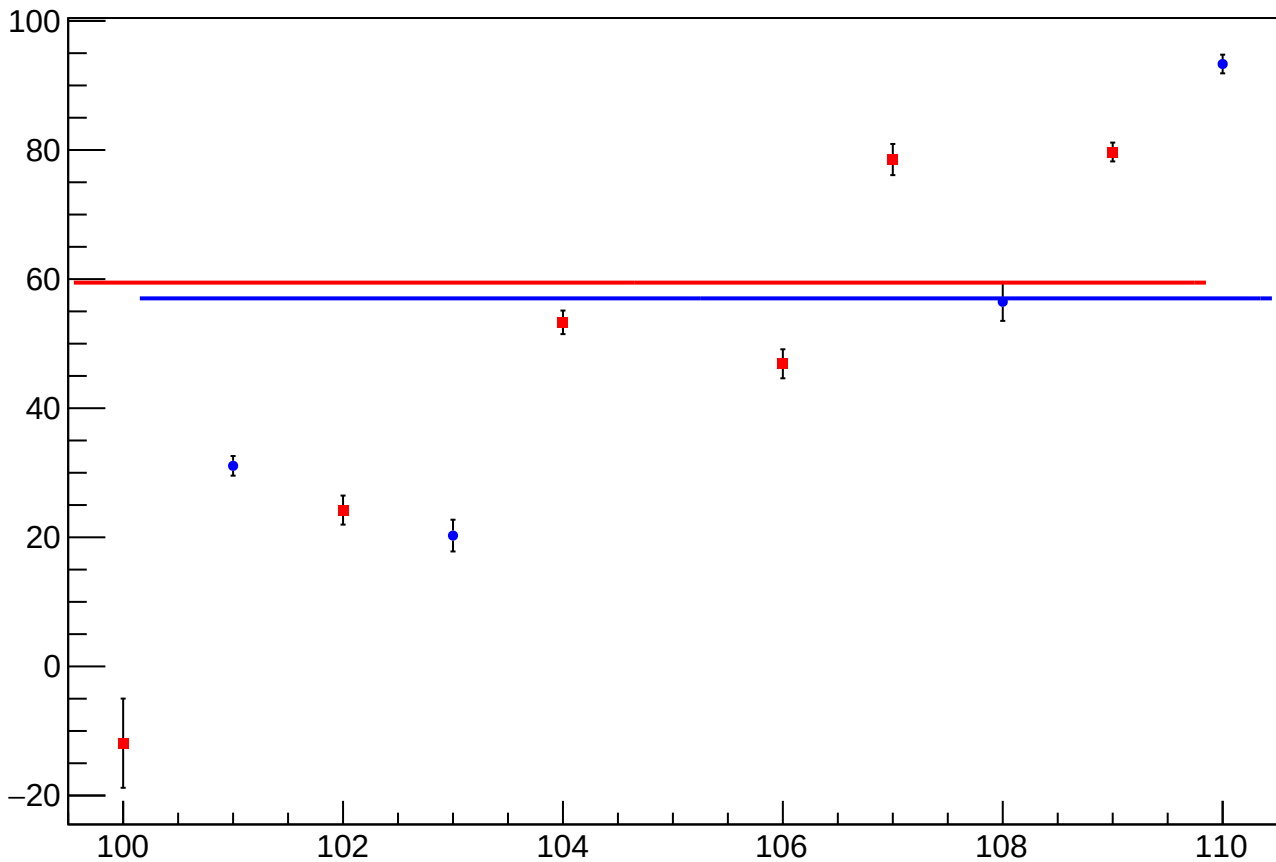
Right: -56.145 $\pm$ 0.477 χ^2 /NDF: 585.9/9

In: -56.792 $\pm$ 0.706 χ^2 /NDF:288.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -56.145 $\pm$ 0.477 χ^2 /NDF: 585.9/9

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 57.016 $\pm$ 0.917 χ^2 /NDF: 1144.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.456 $\pm$ 0.858 χ^2 /NDF: 649.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

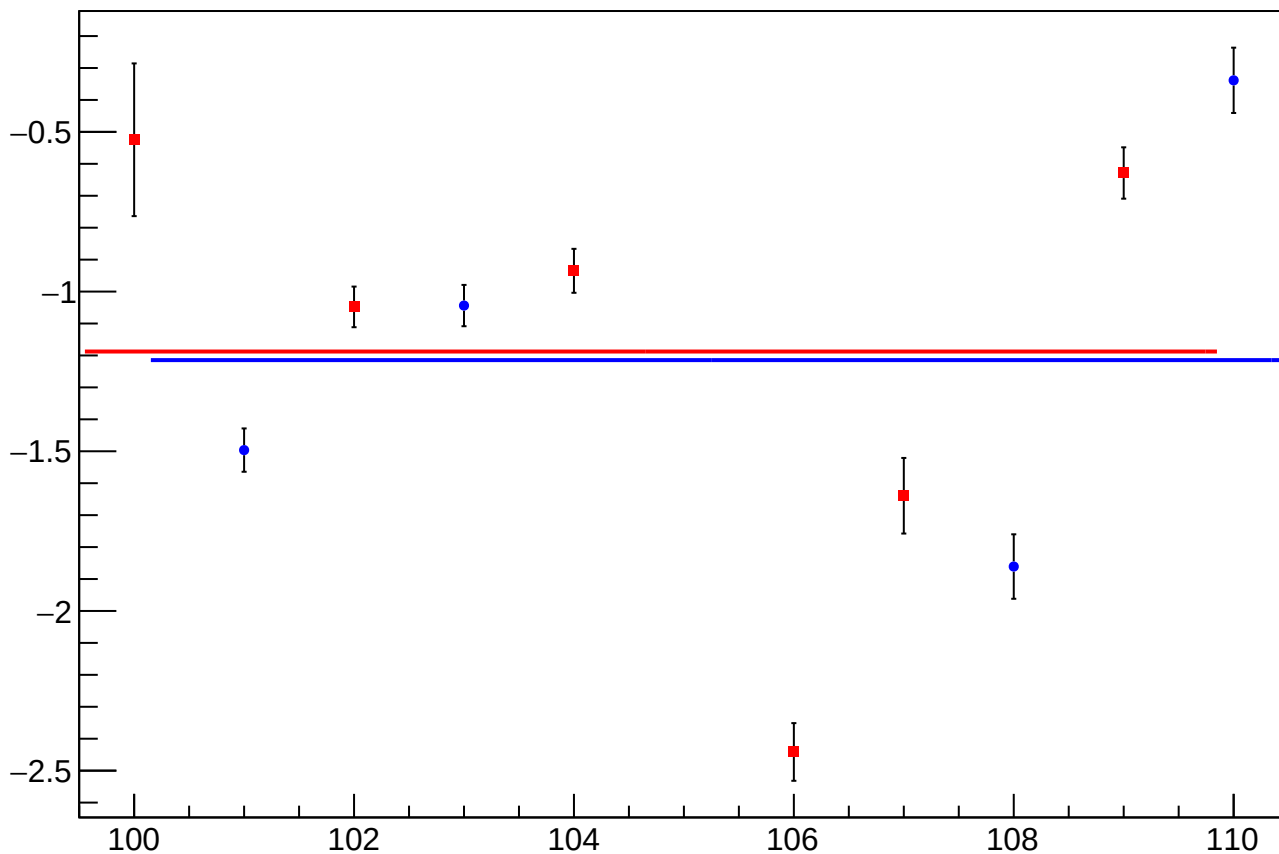
Right: 58.317 $\pm$ 0.626 χ^2 /NDF: 1798.1/9

In: 57.016 $\pm$ 0.917 χ^2 /NDF: 1144.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.317 $\pm$ 0.626 χ^2 /NDF: 1798.1/9

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.215+/-0.039 χ^2/NDF : 138.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.188+/-0.035 χ^2/NDF : 281.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

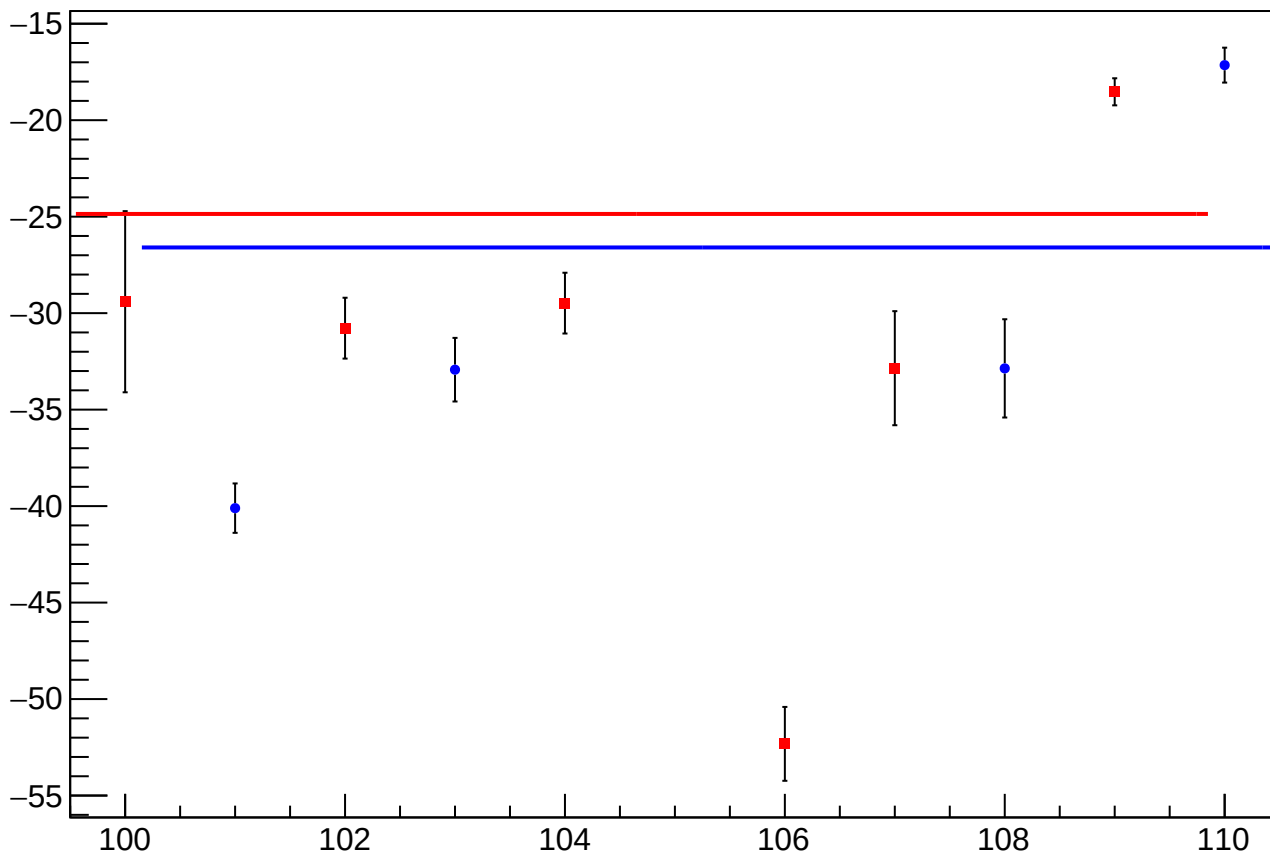
Right: -1.200+/-0.026 χ^2/NDF : 420.6/9

In: -1.215+/-0.039 χ^2/NDF : 138.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.200+/-0.026 χ^2/NDF : 420.6/9

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.596 $\pm$ 0.652 χ^2 /NDF: 241.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -24.859 $\pm$ 0.553 χ^2 /NDF: 318.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

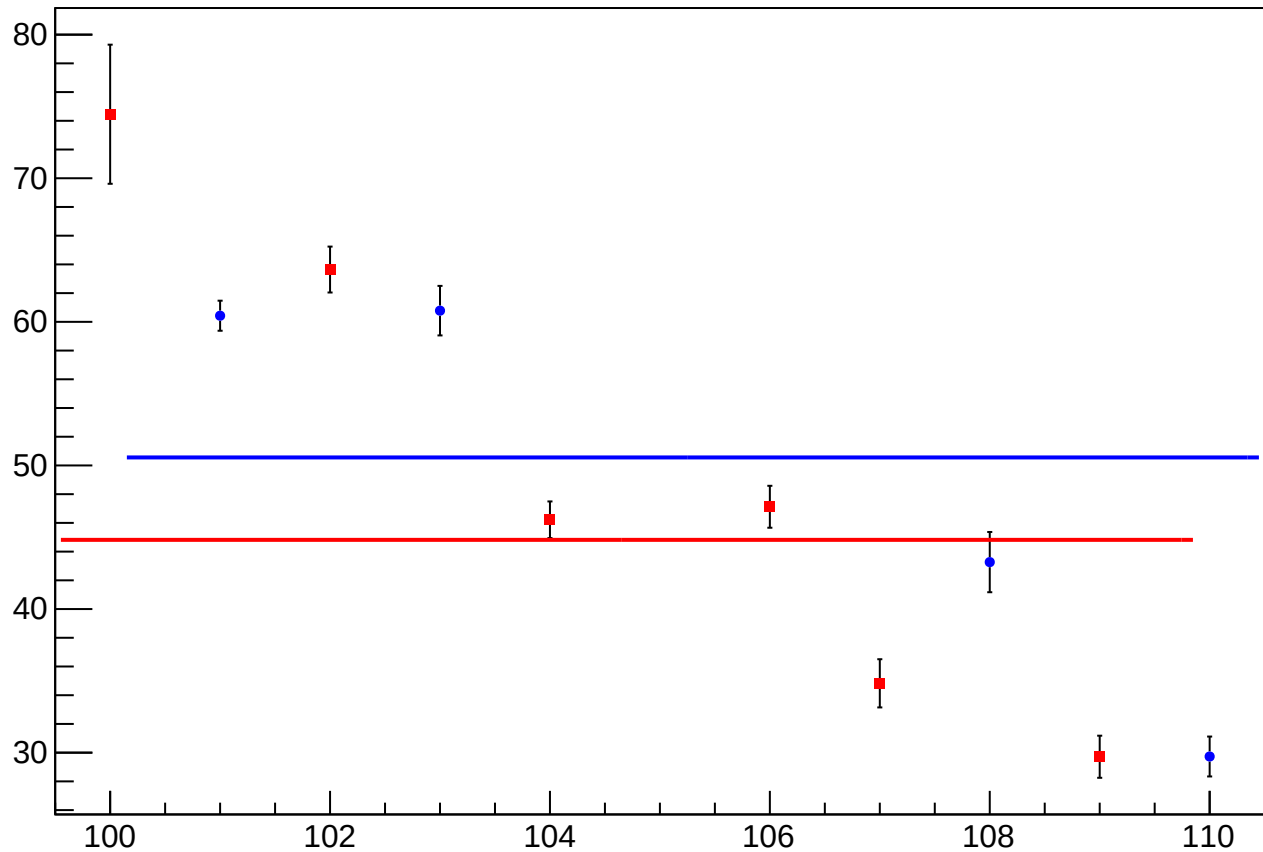
Right: -25.586 $\pm$ 0.422 χ^2 /NDF: 563.6/9

In: -26.596 $\pm$ 0.652 χ^2 /NDF:241.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.586 $\pm$ 0.422 χ^2 /NDF: 563.6/9

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 50.558 $\pm$ 0.708 χ^2 /NDF: 360.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.819 $\pm$ 0.654 χ^2 /NDF: 321.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

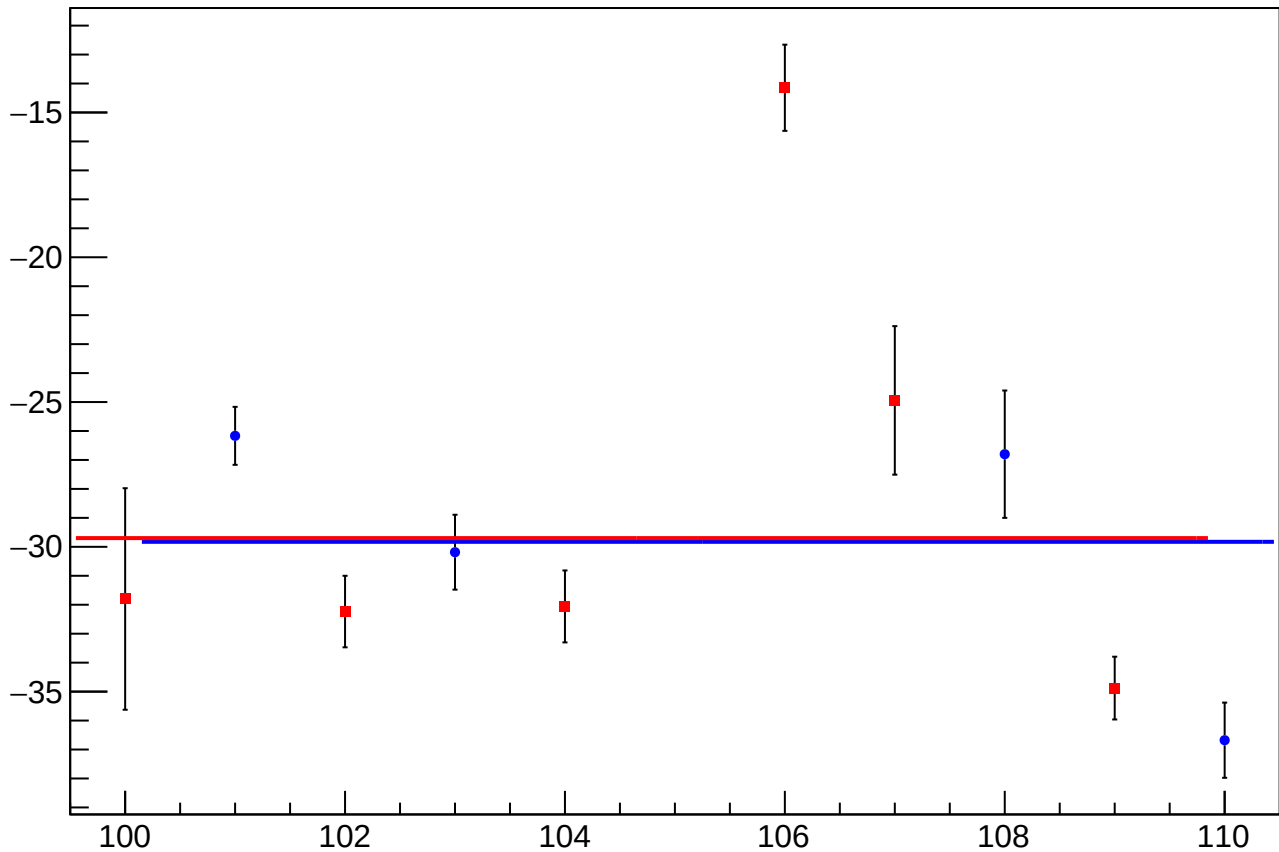
Right: 47.460 $\pm$ 0.480 χ^2 /NDF: 717.6/9

In: 50.558 $\pm$ 0.708 χ^2 /NDF: 360.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.460 $\pm$ 0.480 χ^2 /NDF: 717.6/9

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -29.827+/-0.646 χ^2/NDF : 43.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.698+/-0.595 χ^2/NDF : 143.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

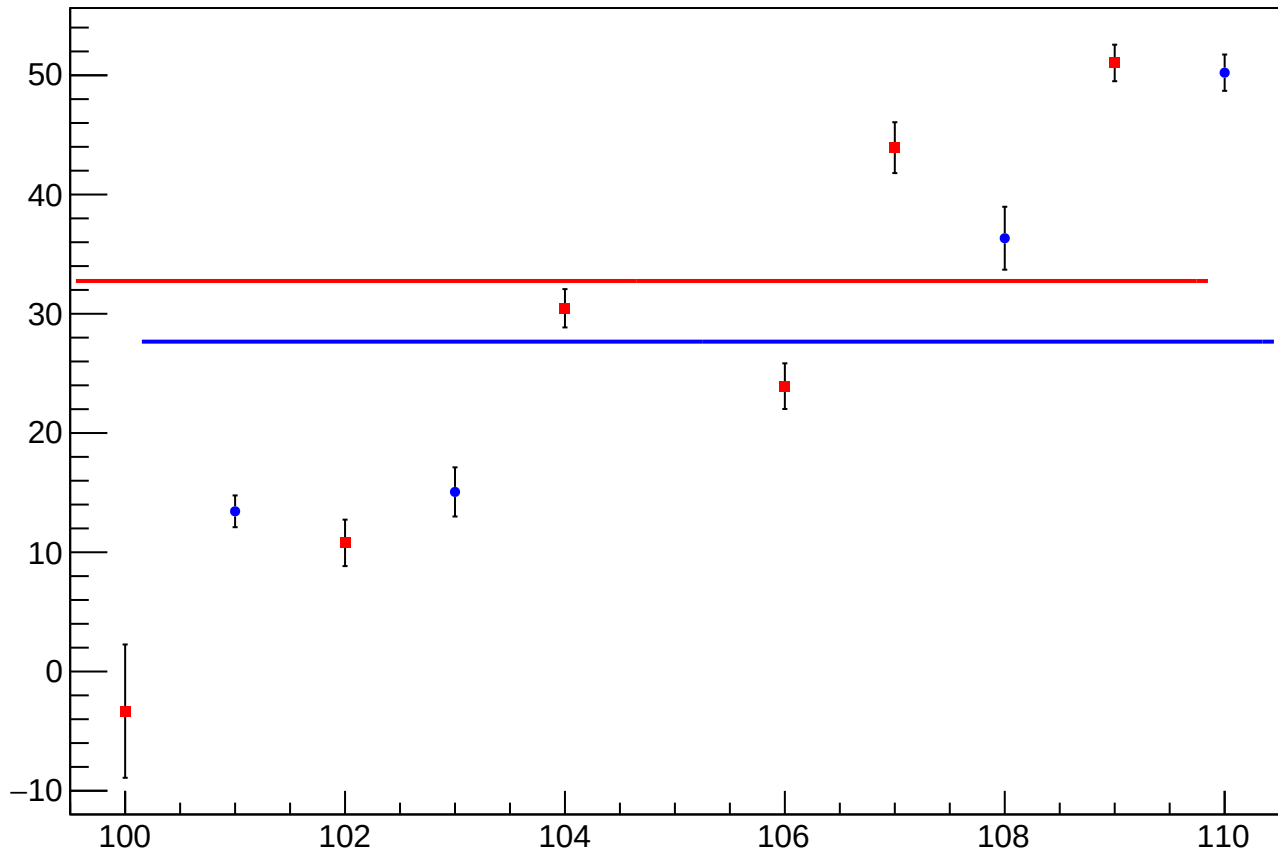
Right: -29.757+/-0.438 χ^2/NDF : 186.8/9

In: -29.827+/-0.646 χ^2/NDF : 43.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.757+/-0.438 χ^2/NDF : 186.8/9

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 27.664+/-0.853 χ^2/NDF : 382.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.752+/-0.790 χ^2/NDF : 361.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

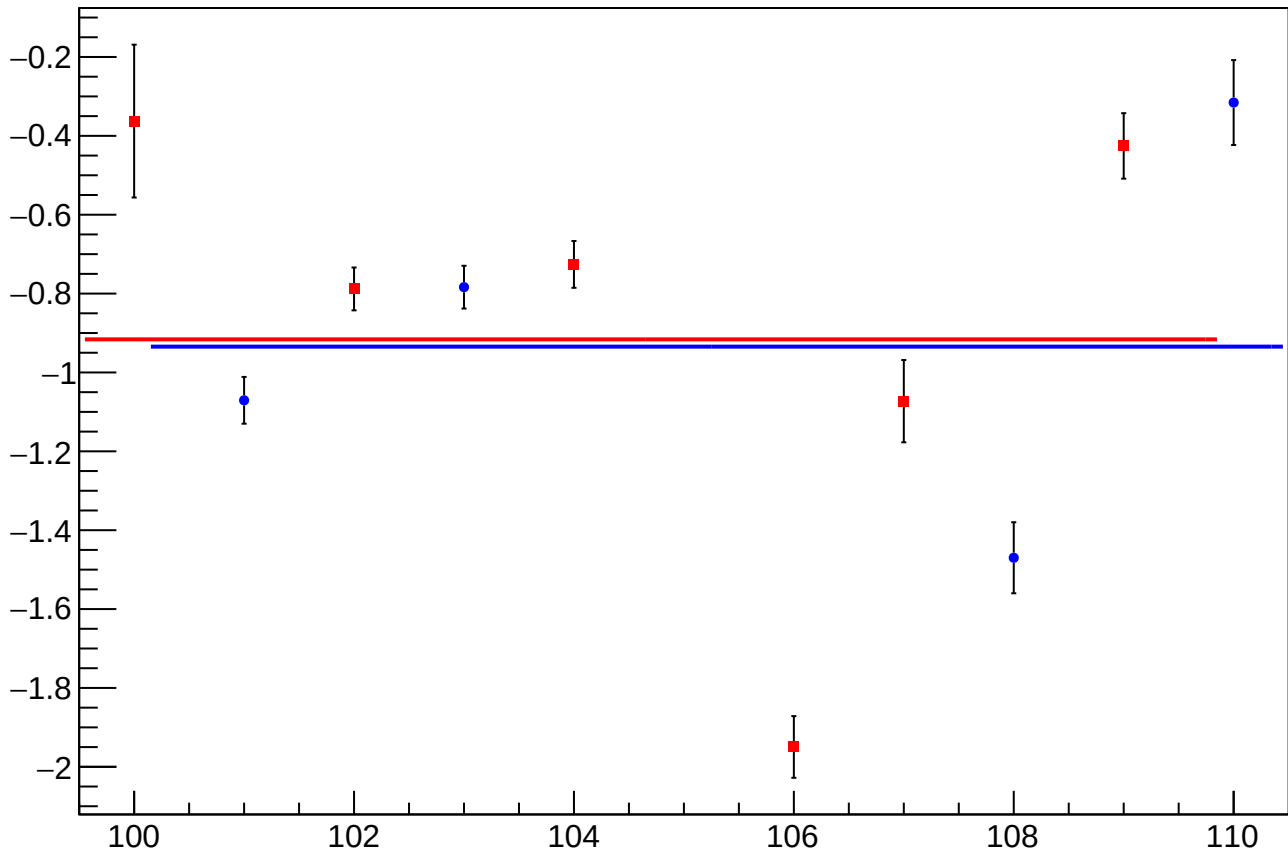
Right: 30.401+/-0.580 χ^2/NDF : 762.9/9

In: 27.664+/-0.853 χ^2/NDF : 382.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.401+/-0.580 χ^2/NDF : 762.9/9

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.934 ± 0.035 $\chi^2/\text{NDF}: 81.4/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.916 ± 0.031 $\chi^2/\text{NDF}: 235.7/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

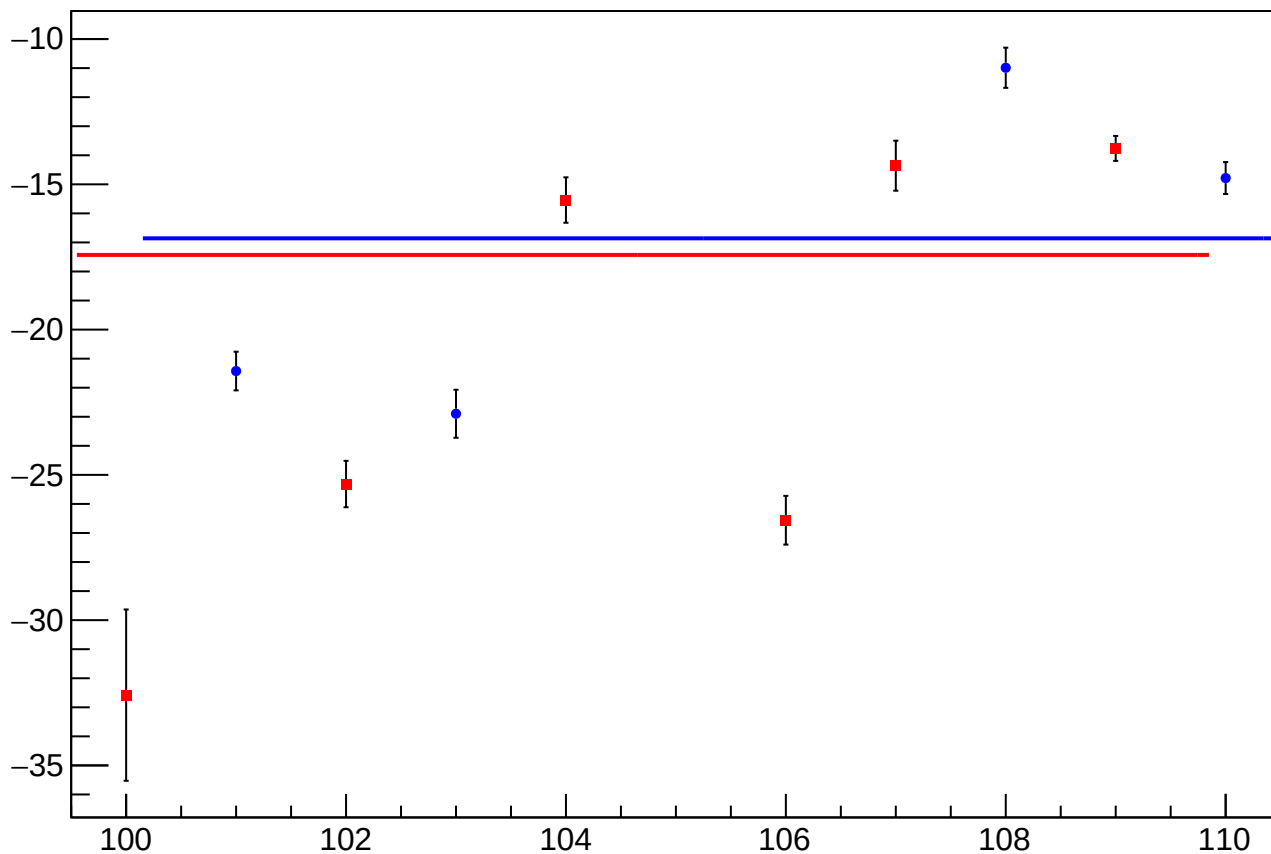
Right: -0.924 ± 0.023 $\chi^2/\text{NDF}: 317.2/9$

In: -0.934 ± 0.035 $\chi^2/\text{NDF}: 81.4/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.924 ± 0.023 $\chi^2/\text{NDF}: 317.2/9$

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.859 $\pm$ 0.331 χ^2 /NDF: 186.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -17.429 $\pm$ 0.295 χ^2 /NDF: 333.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

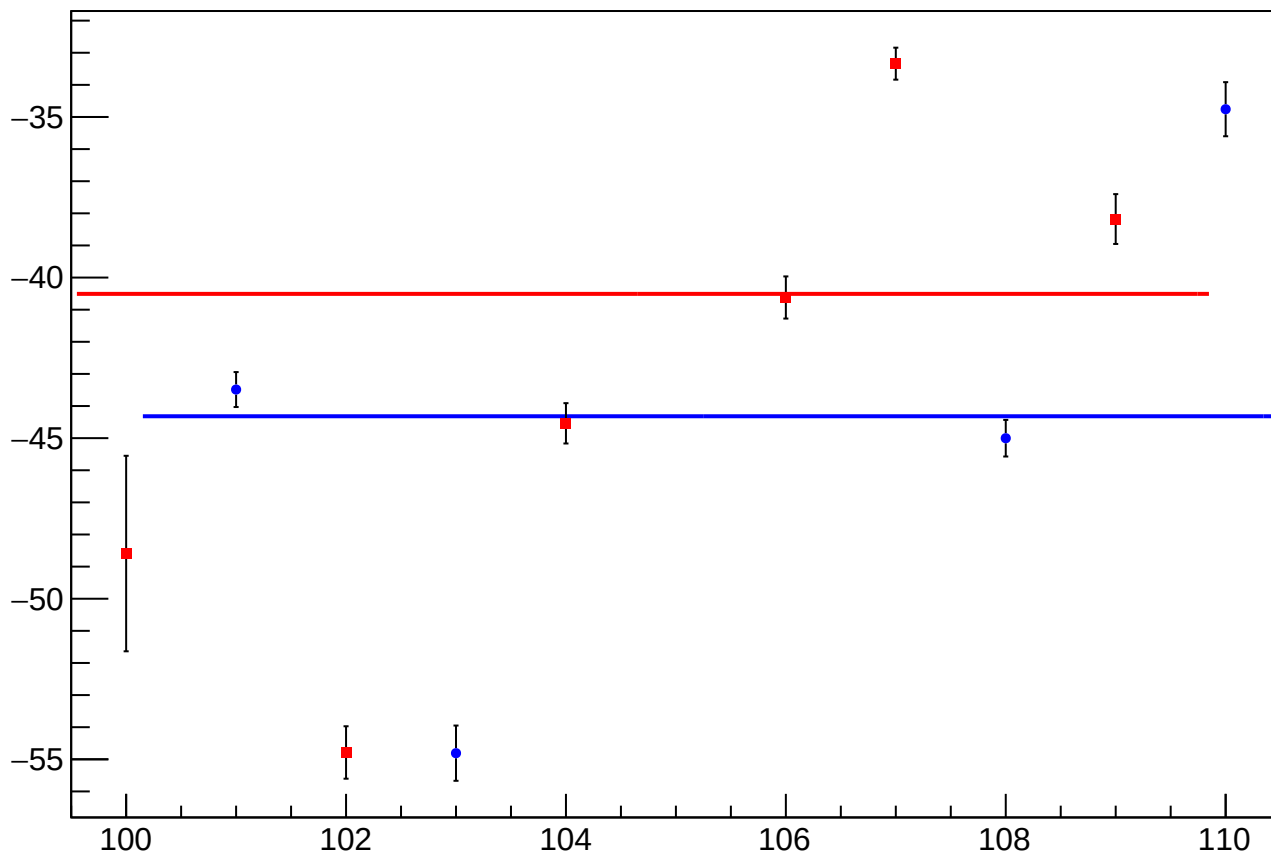
Right: -17.177 $\pm$ 0.220 χ^2 /NDF: 522.3/9

In: -16.859 $\pm$ 0.331 χ^2 /NDF: 186.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.177 $\pm$ 0.220 χ^2 /NDF: 522.3/9

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -44.318+/-0.329 χ^2/NDF : 281.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.508+/-0.287 χ^2/NDF : 570.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

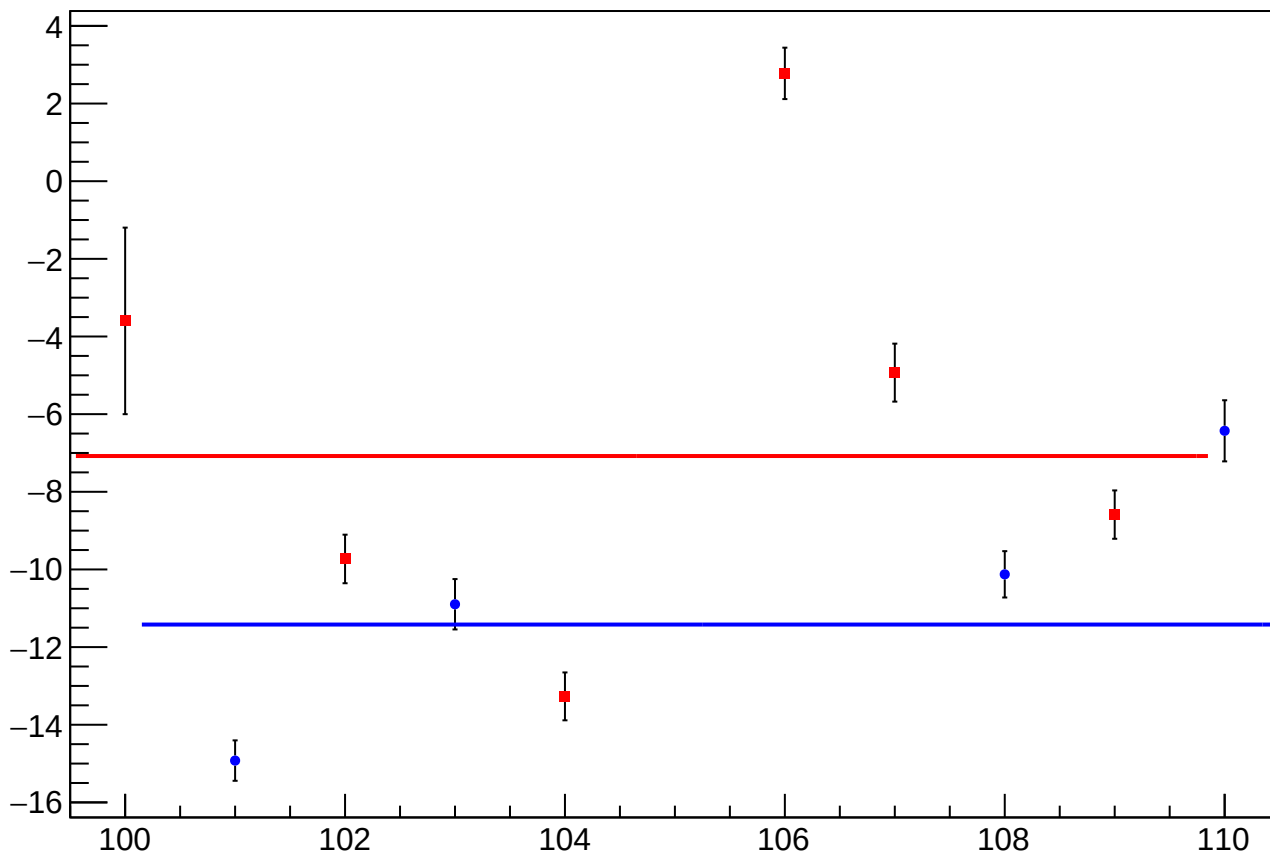
Right: -42.151+/-0.216 χ^2/NDF : 928.0/9

In: -44.318+/-0.329 χ^2/NDF : 281.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.151+/-0.216 χ^2/NDF : 928.0/9

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.419 $\pm$ 0.309 χ^2 /NDF: 90.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.079 $\pm$ 0.289 χ^2 /NDF: 356.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

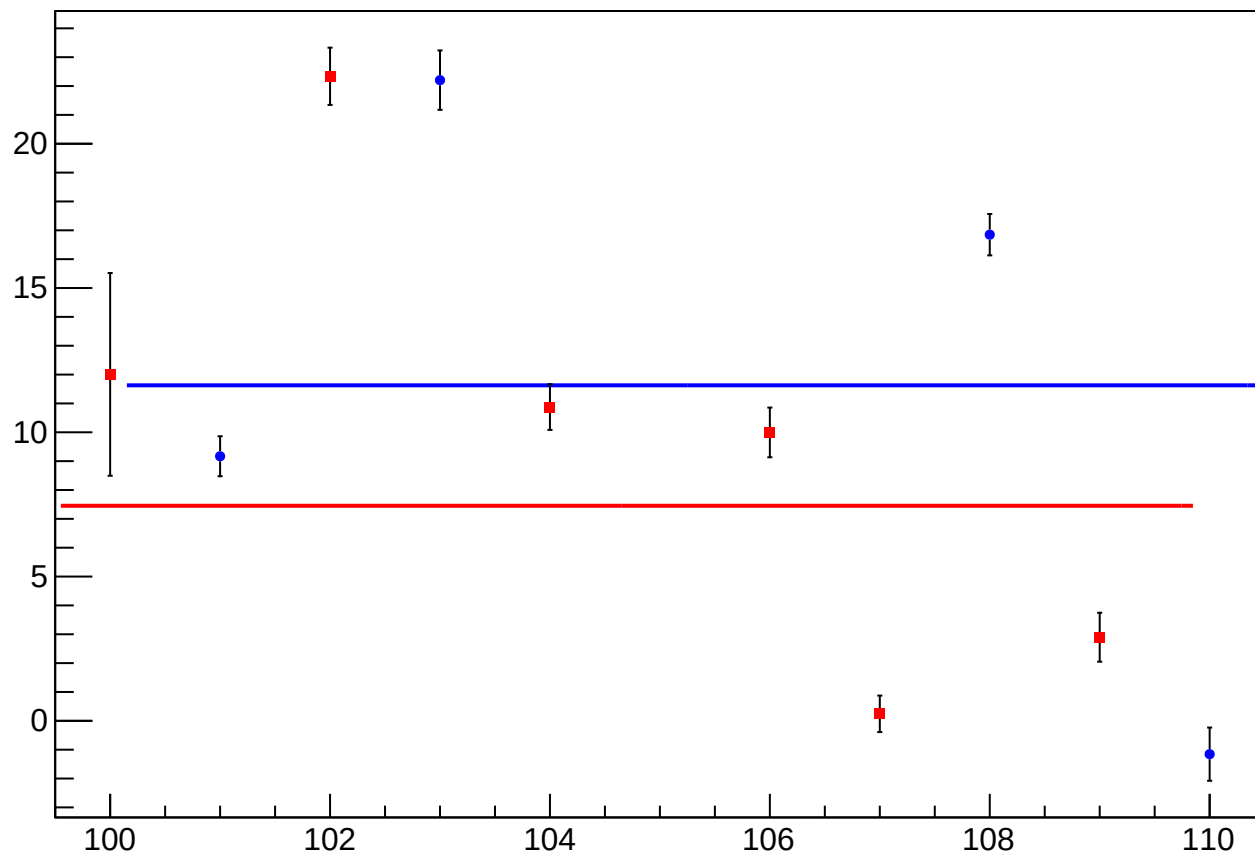
Right: -9.102 $\pm$ 0.211 χ^2 /NDF: 553.0/9

In: -11.419 $\pm$ 0.309 χ^2 /NDF: 90.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.102 $\pm$ 0.211 χ^2 /NDF: 553.0/9

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.628 $\pm$ 0.403 χ^2 /NDF: 363.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.453 $\pm$ 0.355 χ^2 /NDF: 413.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

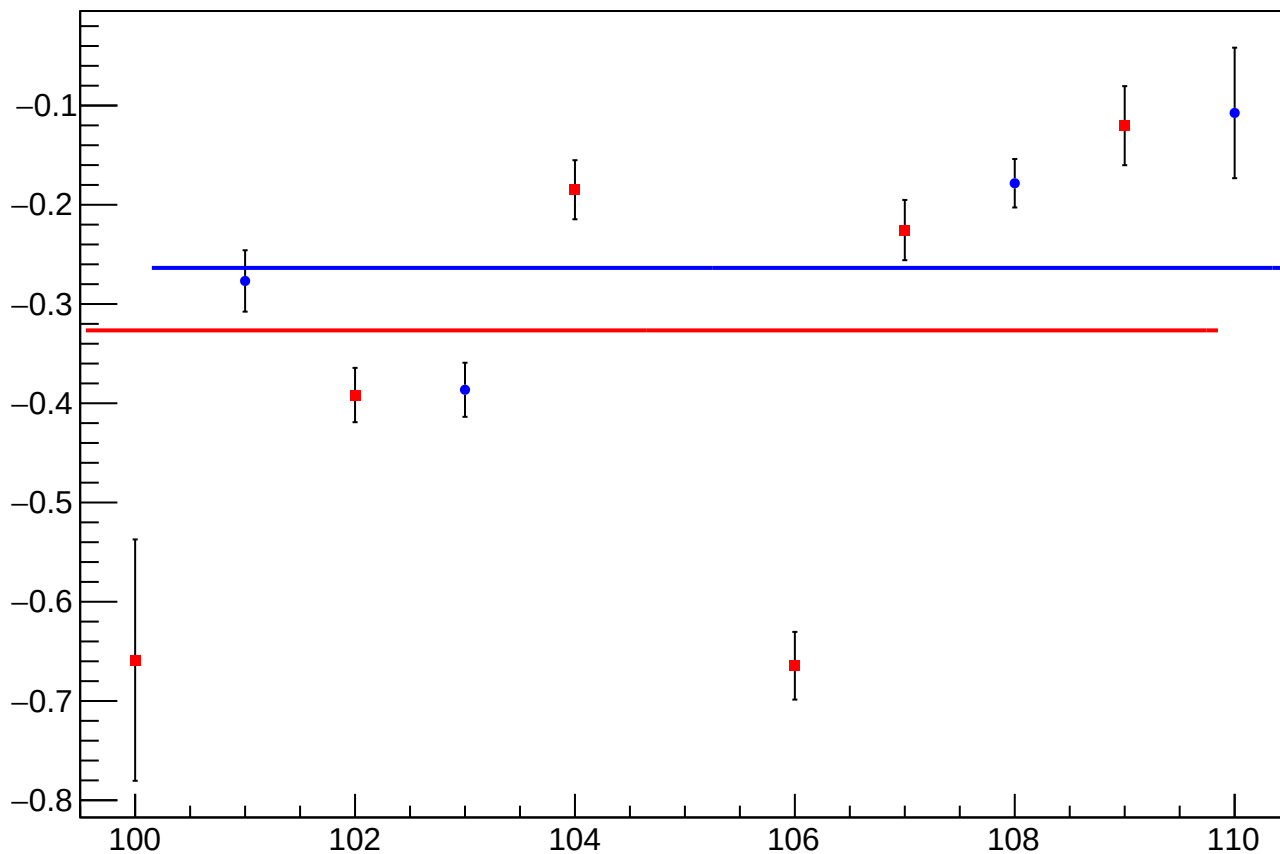
Right: 9.276 $\pm$ 0.267 χ^2 /NDF: 836.3/9

In: 11.628 $\pm$ 0.403 χ^2 /NDF:363.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.276 $\pm$ 0.267 χ^2 /NDF: 836.3/9

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.264 $\pm$ 0.015 χ^2 /NDF: 38.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.327 $\pm$ 0.014 χ^2 /NDF: 171.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

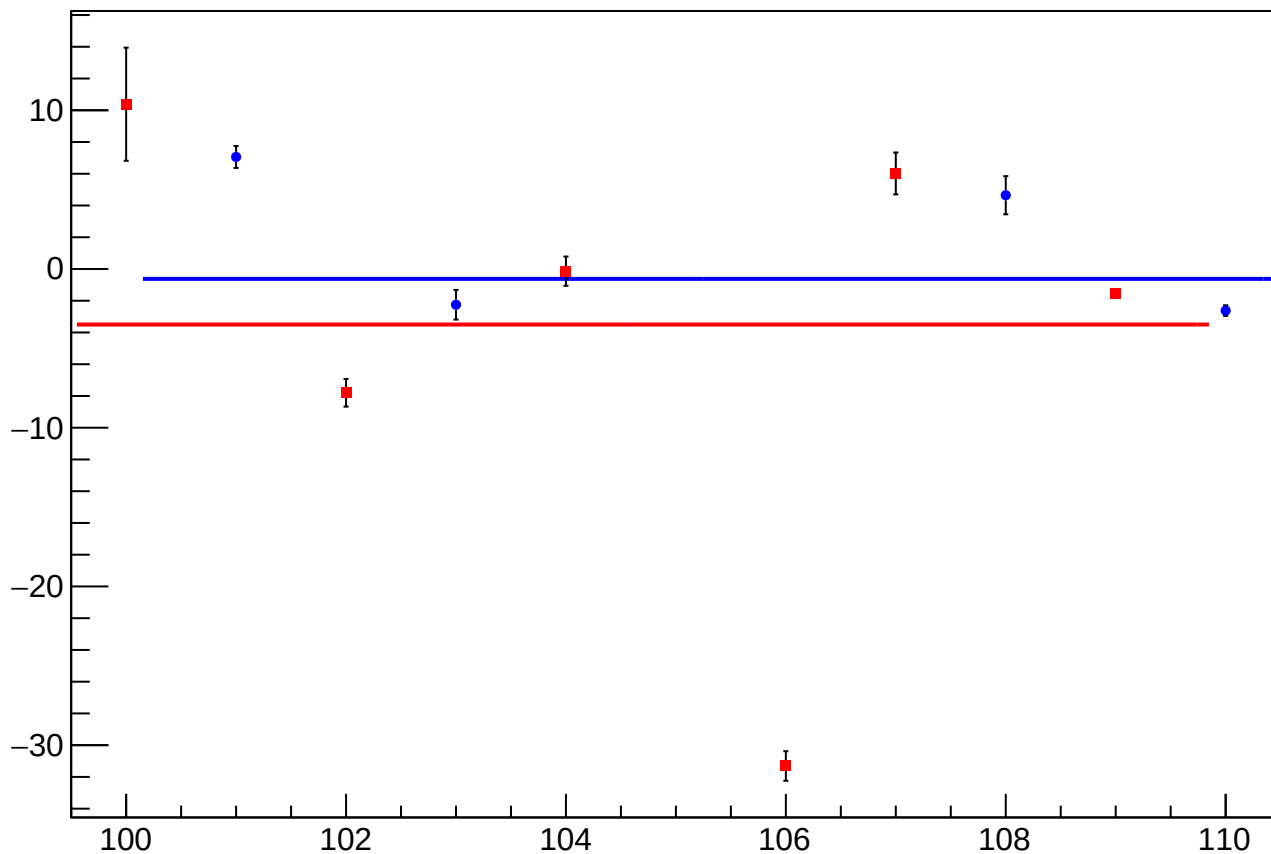
Right: -0.298 $\pm$ 0.010 χ^2 /NDF: 219.4/9

In: -0.264 $\pm$ 0.015 χ^2 /NDF:38.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.298 $\pm$ 0.010 χ^2 /NDF: 219.4/9

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.623+/-0.279 χ^2 /NDF: 181.6/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.499+/-0.236 χ^2 /NDF: 1047.9/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

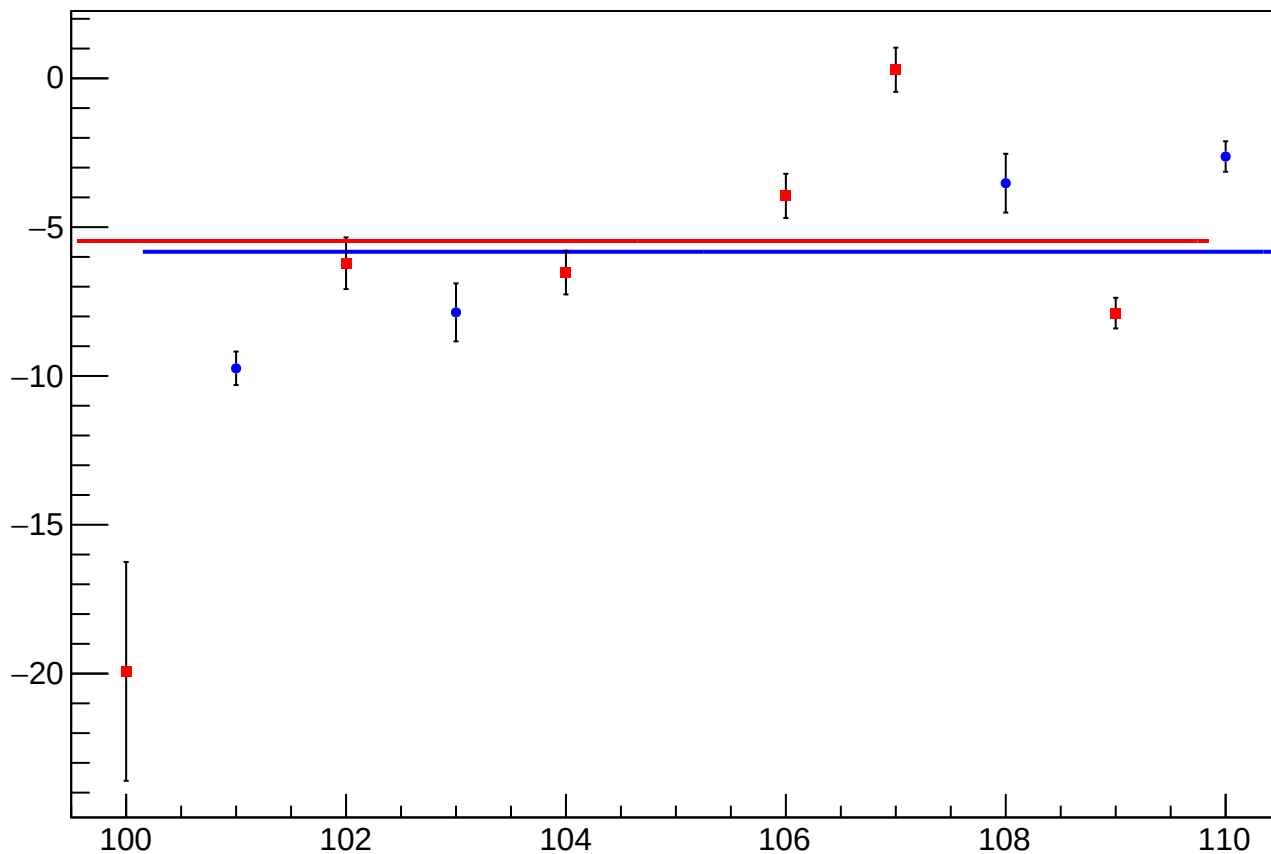
Right: -2.300+/-0.180 χ^2 /NDF: 1291.6/9

In: -0.623+/-0.279 χ^2 /NDF:181.6/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.300+/-0.180 χ^2 /NDF: 1291.6/9

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.827 ± 0.332 χ^2/NDF : 97.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.466 ± 0.306 χ^2/NDF : 104.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

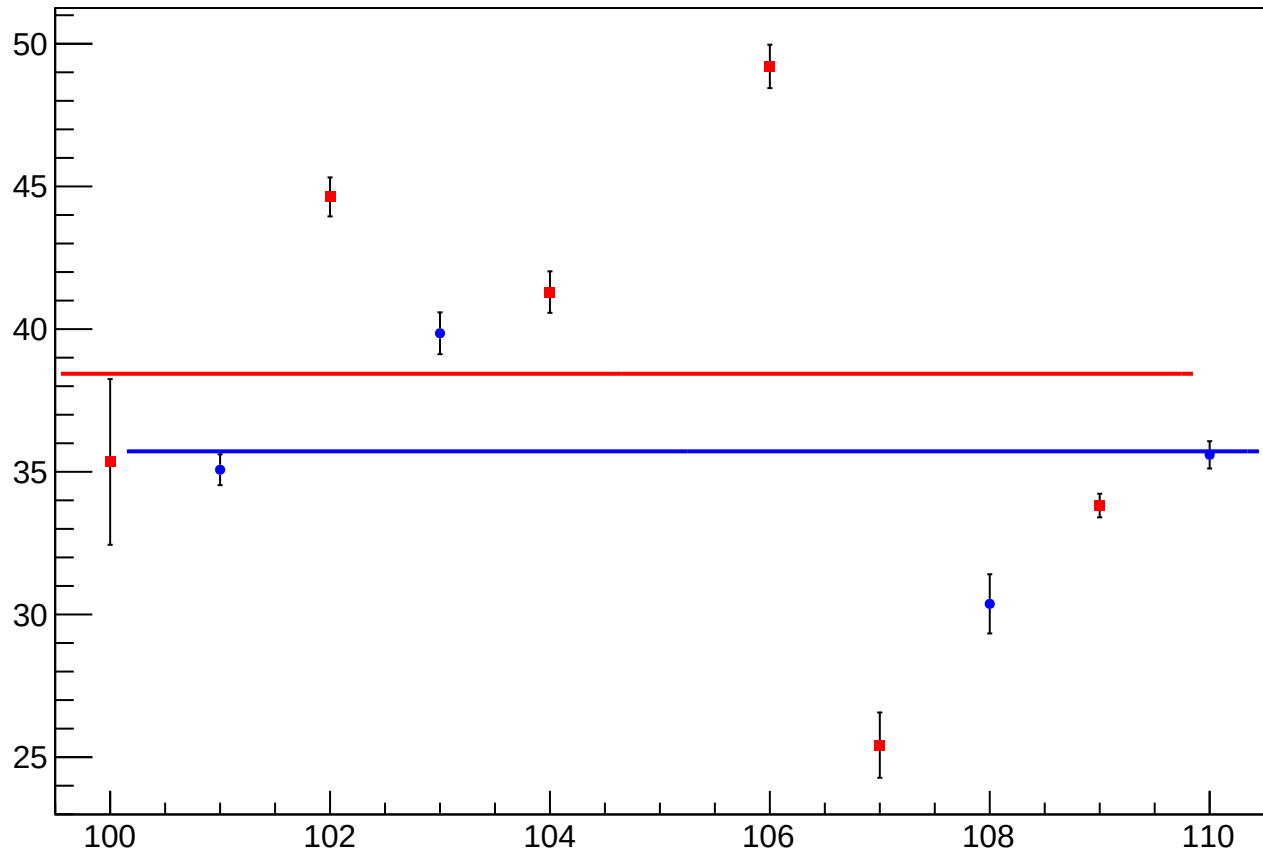
Right: -5.632 ± 0.225 χ^2/NDF : 202.9/9

In: -5.827 ± 0.332 χ^2/NDF : 97.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.632 ± 0.225 χ^2/NDF : 202.9/9

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 35.717+/-0.307 χ^2/NDF : 59.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.436+/-0.283 χ^2/NDF : 552.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

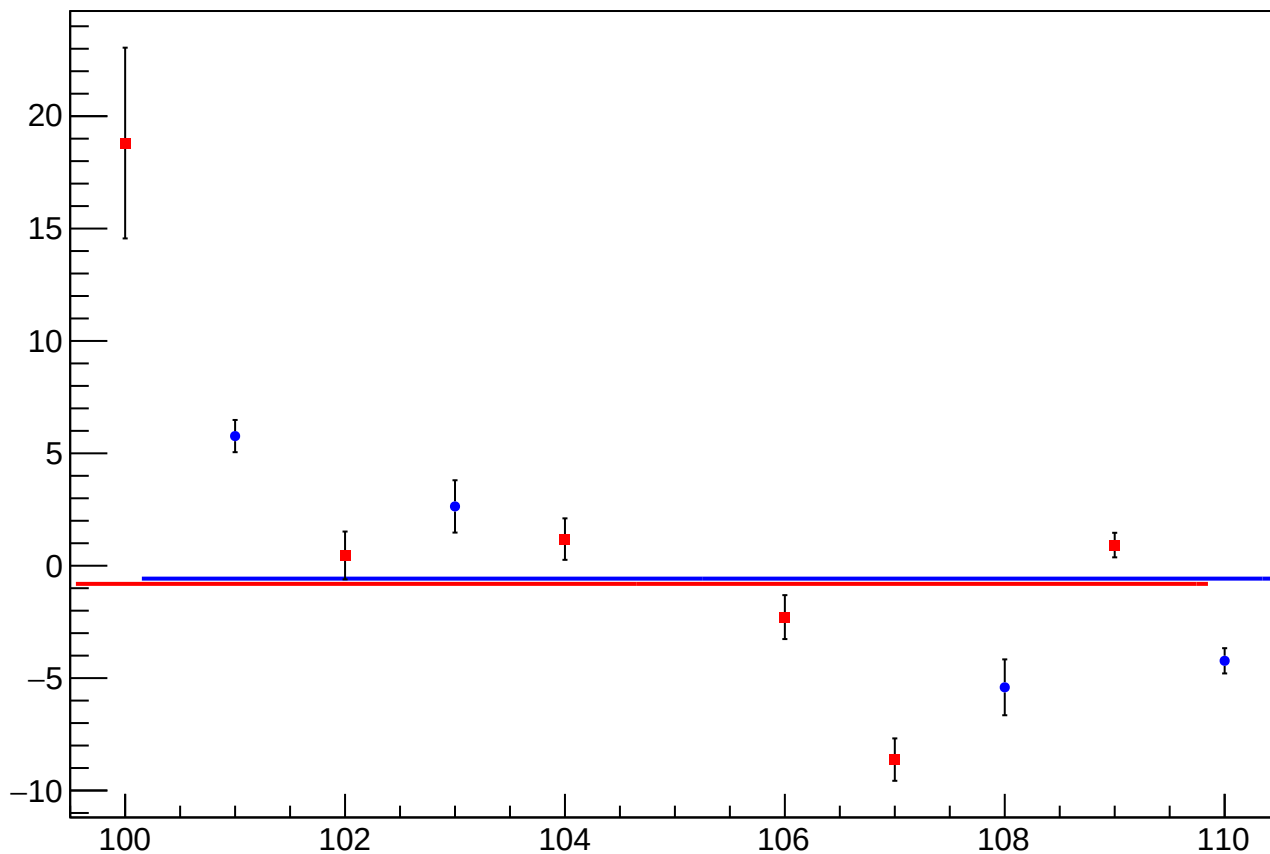
Right: 37.188+/-0.208 χ^2/NDF : 655.1/9

In: 35.717+/-0.307 χ^2/NDF : 59.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.188+/-0.208 χ^2/NDF : 655.1/9

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.574 ± 0.392 χ^2/NDF : 143.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.808 ± 0.362 χ^2/NDF : 108.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

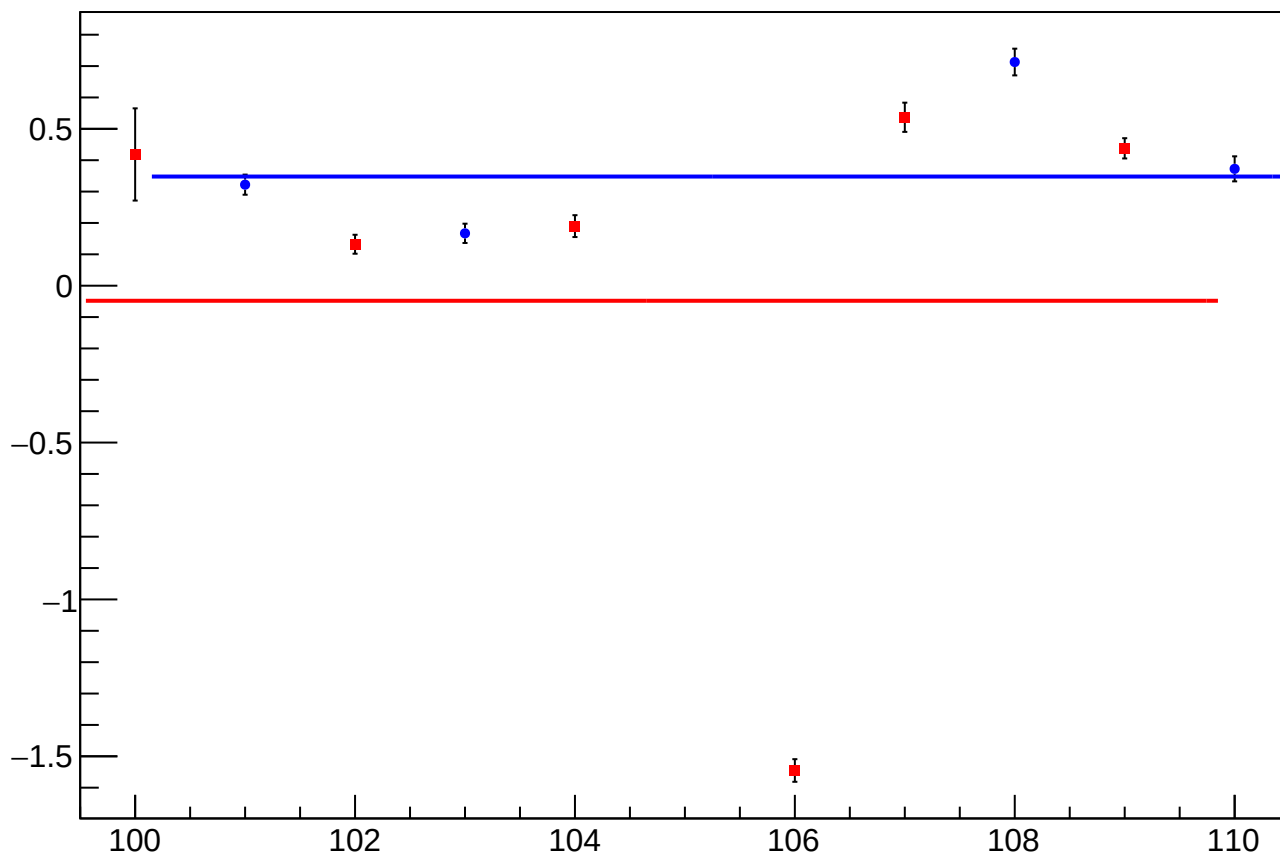
Right: -0.700 ± 0.266 χ^2/NDF : 252.1/9

In: -0.574 ± 0.392 χ^2/NDF : 143.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.700 ± 0.266 χ^2/NDF : 252.1/9

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.348 $\pm$ 0.018 χ^2 /NDF: 109.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.048 $\pm$ 0.016 χ^2 /NDF: 2199.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

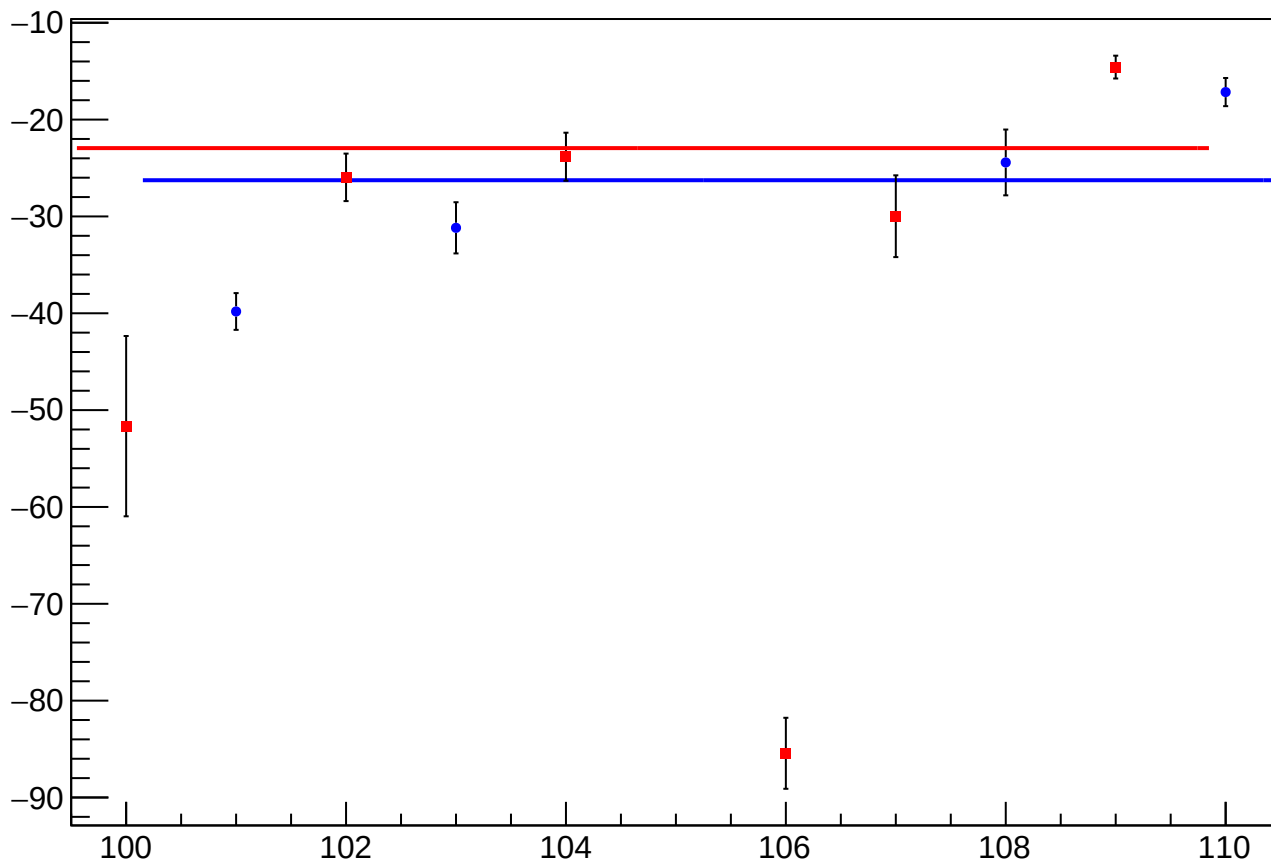
Right: 0.125 $\pm$ 0.012 χ^2 /NDF: 2592.6/9

In: 0.348 $\pm$ 0.018 χ^2 /NDF:109.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.125 $\pm$ 0.012 χ^2 /NDF: 2592.6/9

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.261 $\pm$ 1.010 χ^2 /NDF: 93.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.945 $\pm$ 0.916 χ^2 /NDF: 354.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

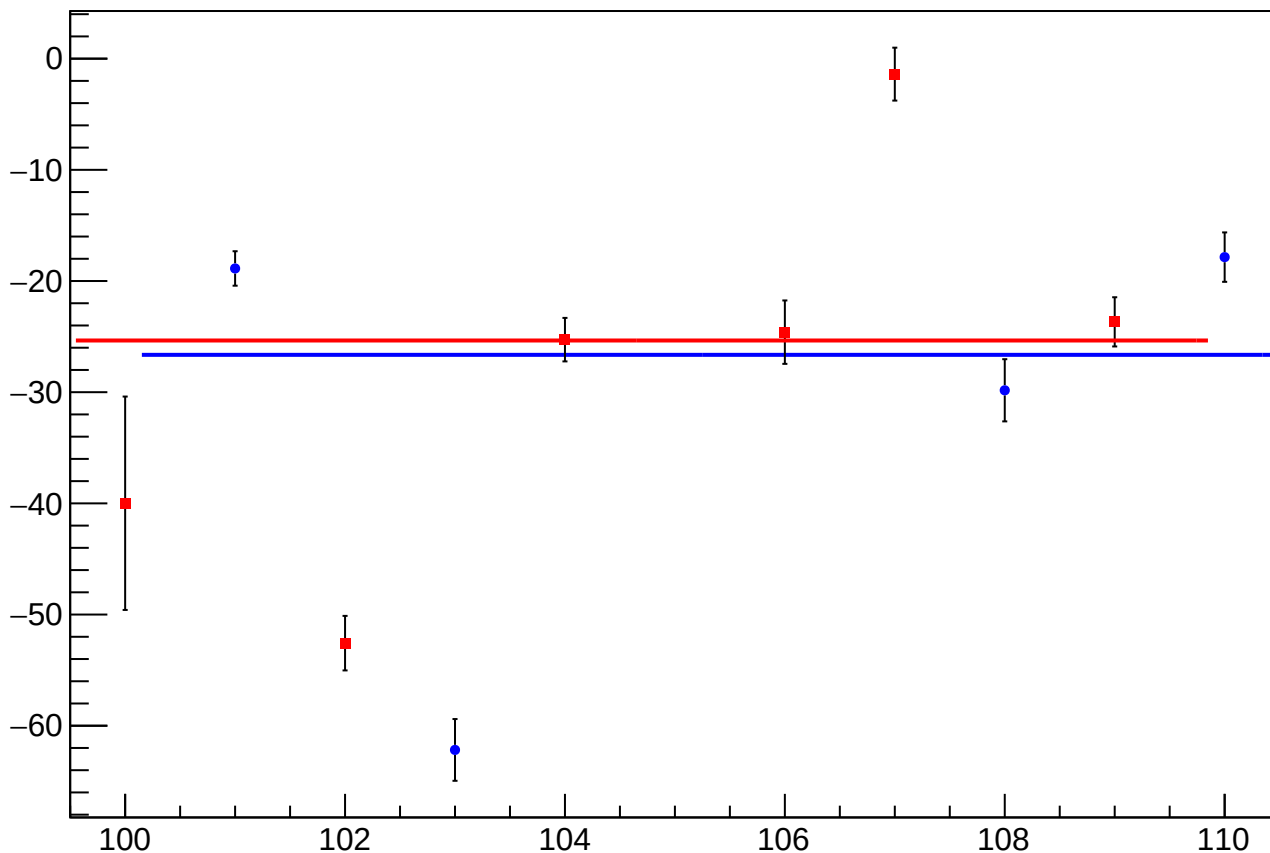
Right: -24.442 $\pm$ 0.679 χ^2 /NDF: 454.7/9

In: -26.261 $\pm$ 1.010 χ^2 /NDF: 93.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.442 $\pm$ 0.679 χ^2 /NDF: 454.7/9

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -26.640 ± 1.068 χ^2/NDF : 205.8/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.350 ± 1.030 χ^2/NDF : 227.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

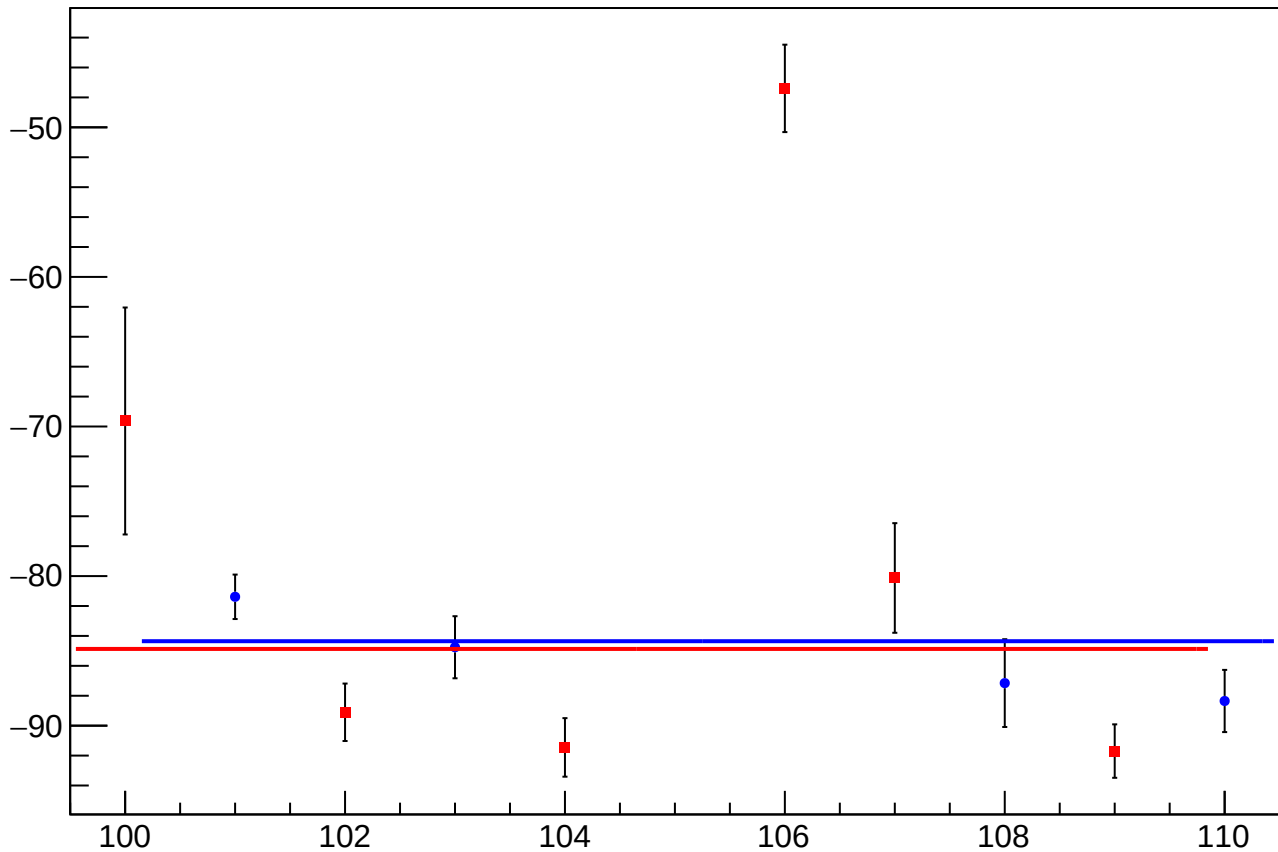
Right: -25.972 ± 0.742 χ^2/NDF : 434.0/9

In: -26.640 ± 1.068 χ^2/NDF : 205.8/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.972 ± 0.742 χ^2/NDF : 434.0/9

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -84.353+/-0.984 χ^2/NDF : 8.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.870+/-0.974 χ^2/NDF : 201.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

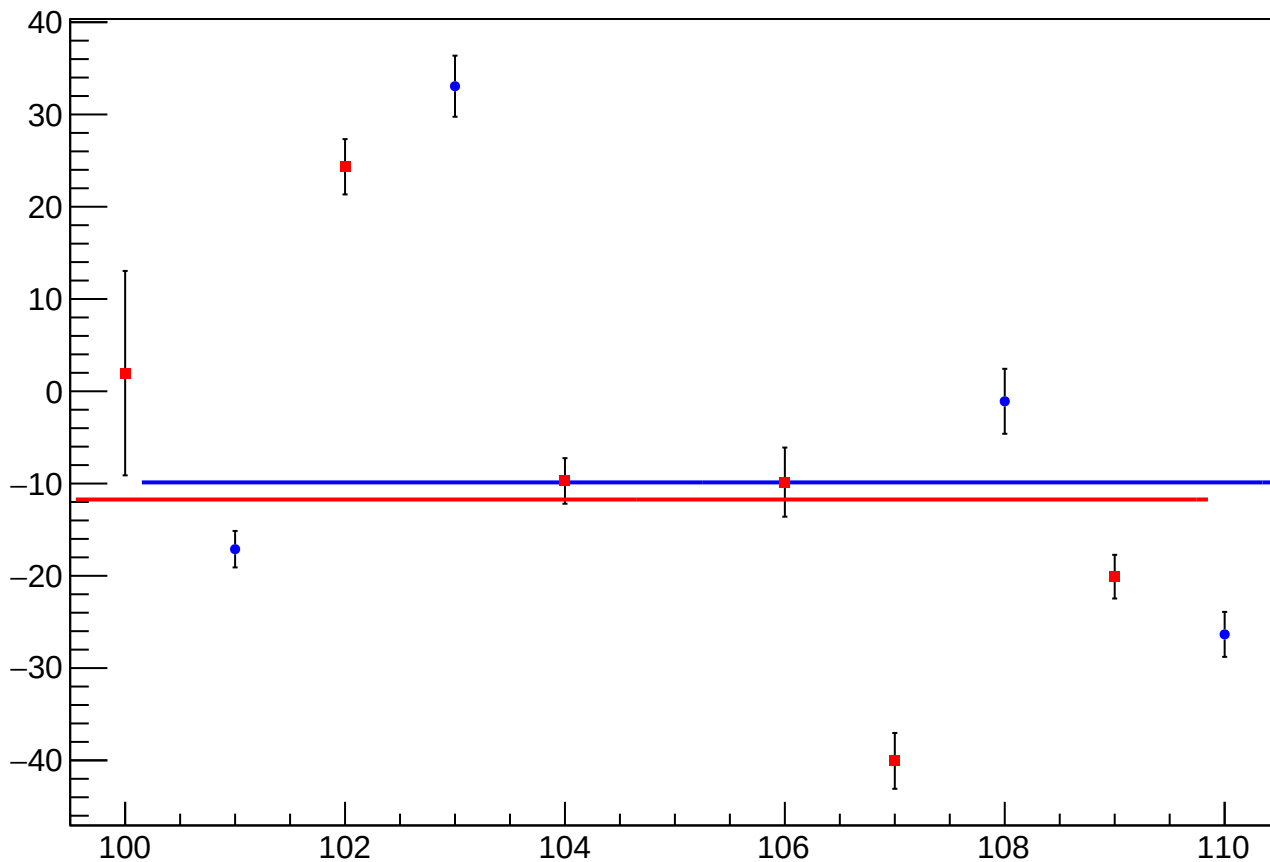
Right: -84.614+/-0.692 χ^2/NDF : 209.7/9

In: -84.353+/-0.984 χ^2/NDF : 8.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.614+/-0.692 χ^2/NDF : 209.7/9

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.876+/-1.295 χ^2/NDF : 233.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.729+/-1.248 χ^2/NDF : 247.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

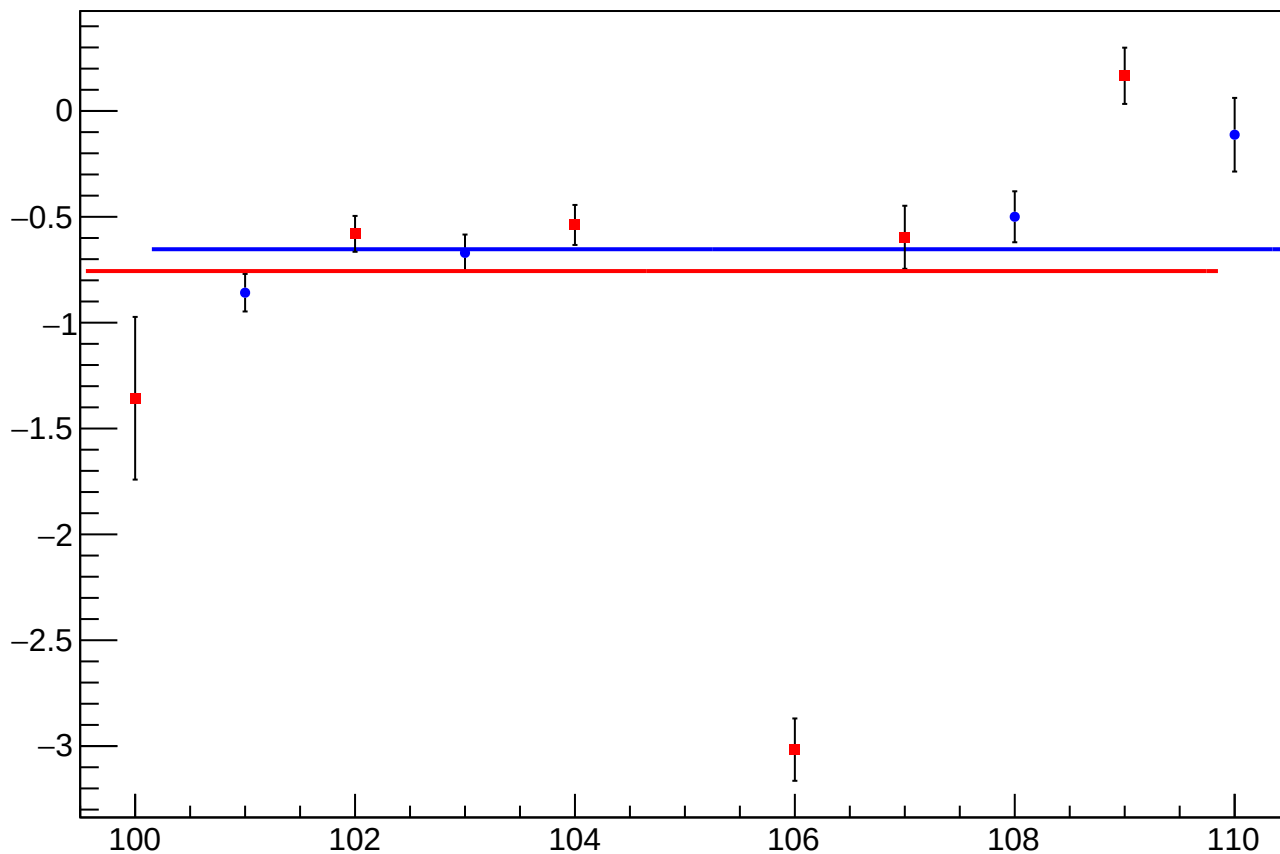
Right: -10.837+/-0.899 χ^2/NDF : 481.9/9

In: -9.876+/-1.295 χ^2/NDF : 233.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.837+/-0.899 χ^2/NDF : 481.9/9

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.653 ± 0.053 χ^2/NDF : 16.7/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.756 ± 0.050 χ^2/NDF : 297.1/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

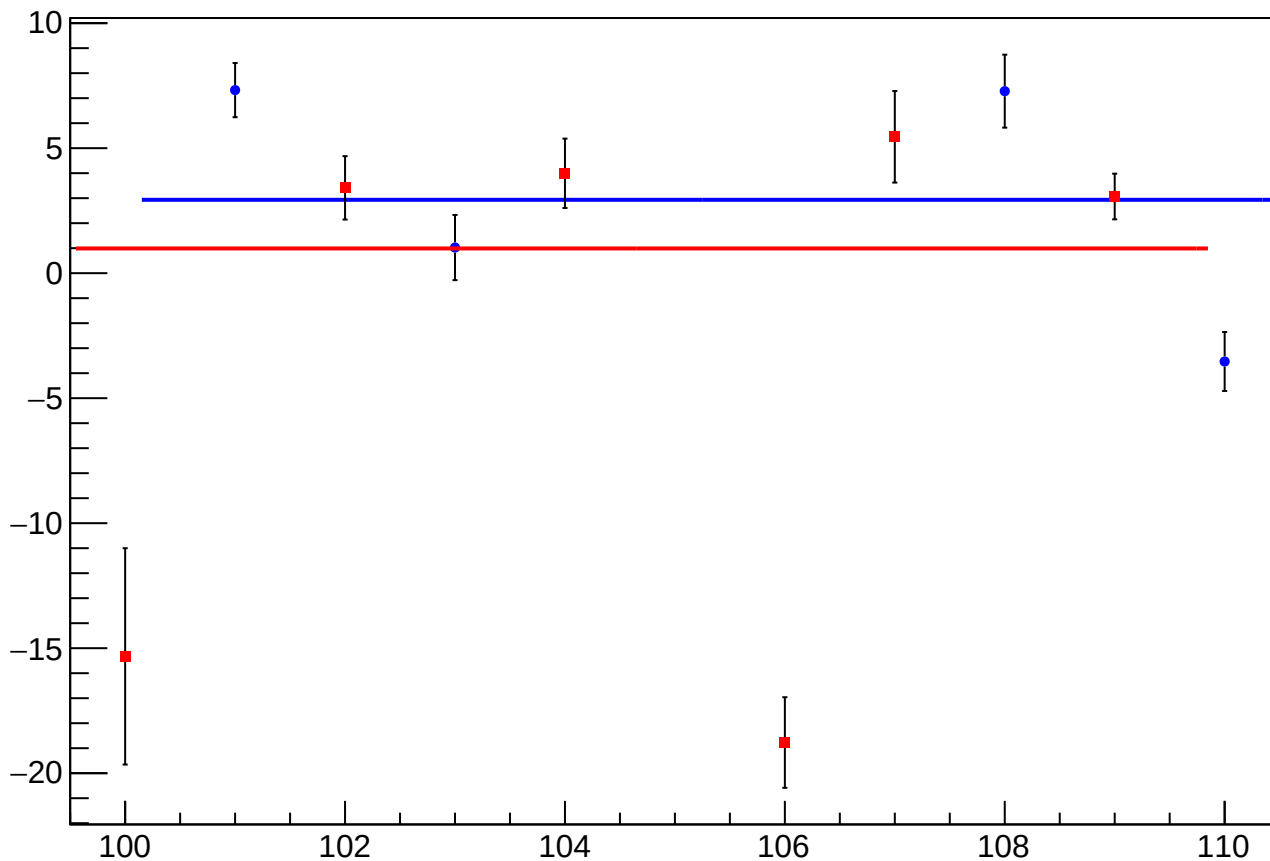
Right: -0.708 ± 0.036 χ^2/NDF : 315.9/9

In: -0.653 ± 0.053 χ^2/NDF : 16.7/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.708 ± 0.036 χ^2/NDF : 315.9/9

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.935+/-0.617 χ^2/NDF : 57.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.989+/-0.578 χ^2/NDF : 152.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

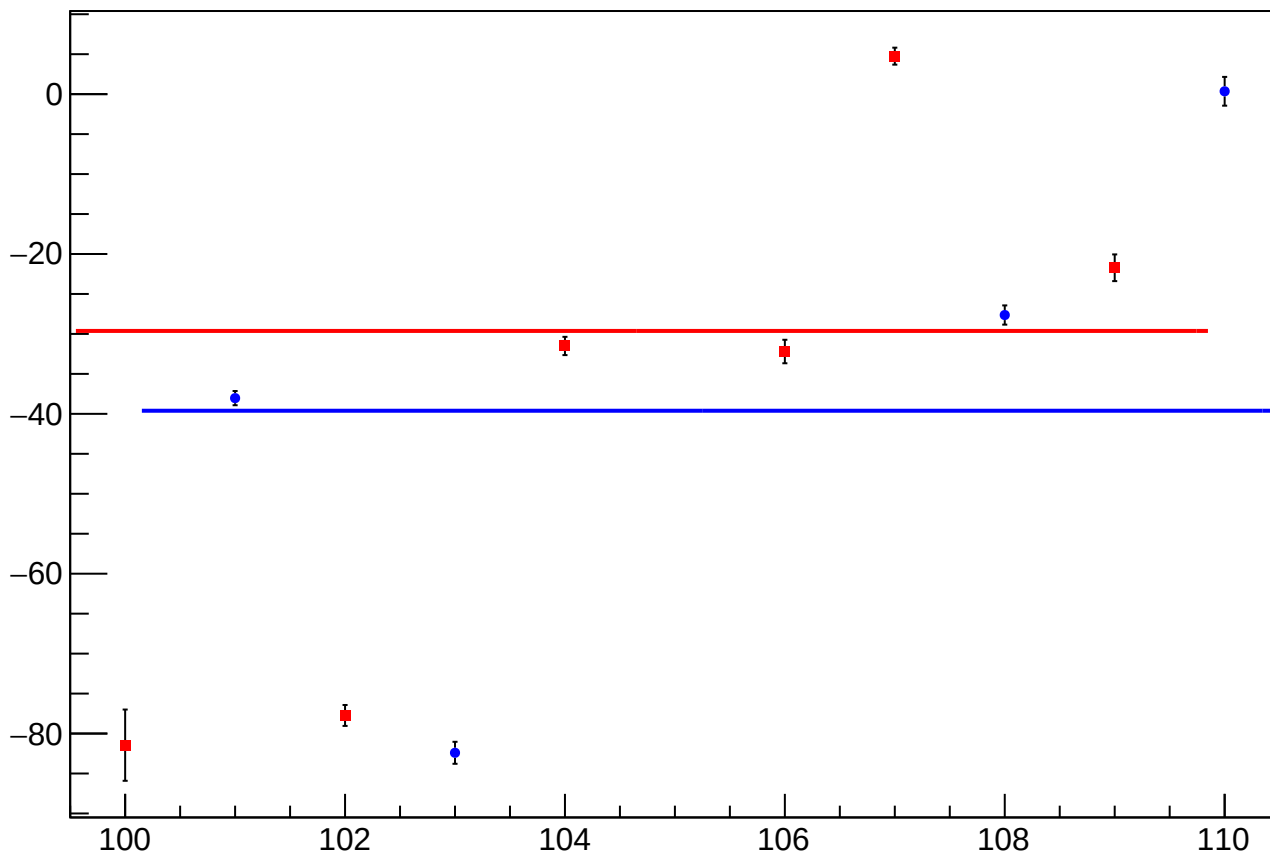
Right: 1.898+/-0.422 χ^2/NDF : 215.5/9

In: 2.935+/-0.617 χ^2/NDF : 57.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.898+/-0.422 χ^2/NDF : 215.5/9

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -39.611+/-0.598 χ^2/NDF : 1562.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.626+/-0.567 χ^2/NDF : 2562.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

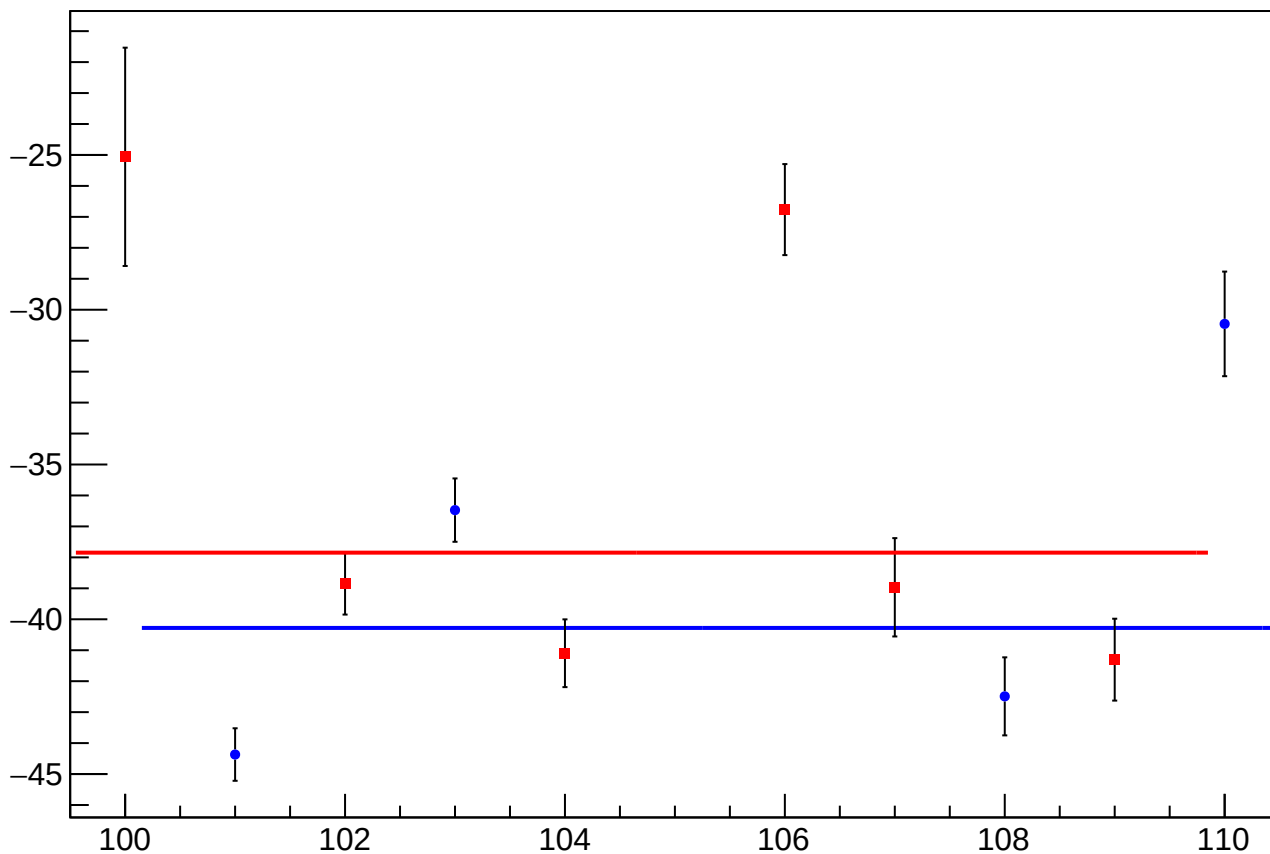
Right: -34.350+/-0.412 χ^2/NDF : 4272.0/9

In: -39.611+/-0.598 χ^2/NDF : 1562.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.350+/-0.412 χ^2/NDF : 4272.0/9

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.279 ± 0.549 χ^2/NDF : 73.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.847 ± 0.546 χ^2/NDF : 87.1/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

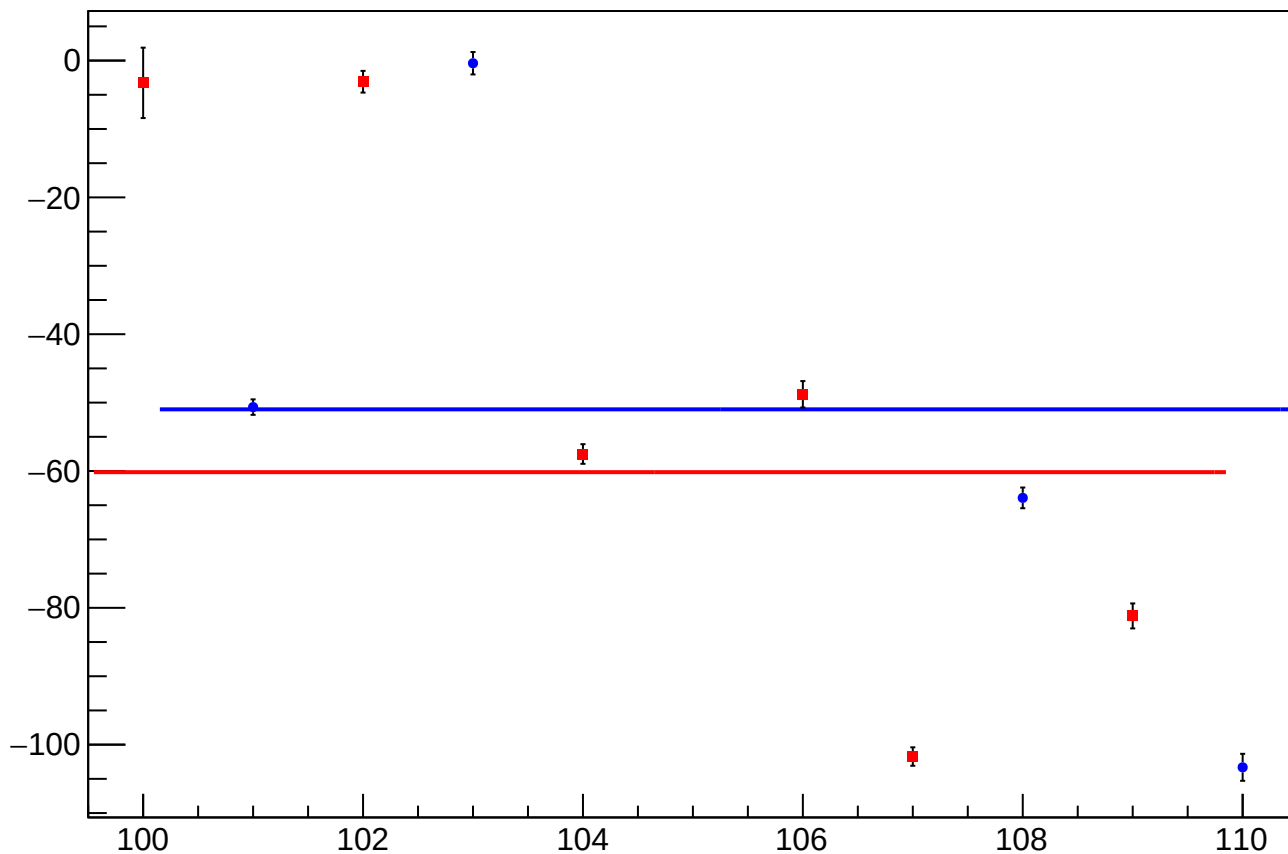
Right: -39.057 ± 0.387 χ^2/NDF : 171.0/9

In: -40.279 ± 0.549 χ^2/NDF : 73.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.057 ± 0.387 χ^2/NDF : 171.0/9

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -50.984+/-0.736 χ^2/NDF : 1730.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.168+/-0.700 χ^2/NDF : 2537.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

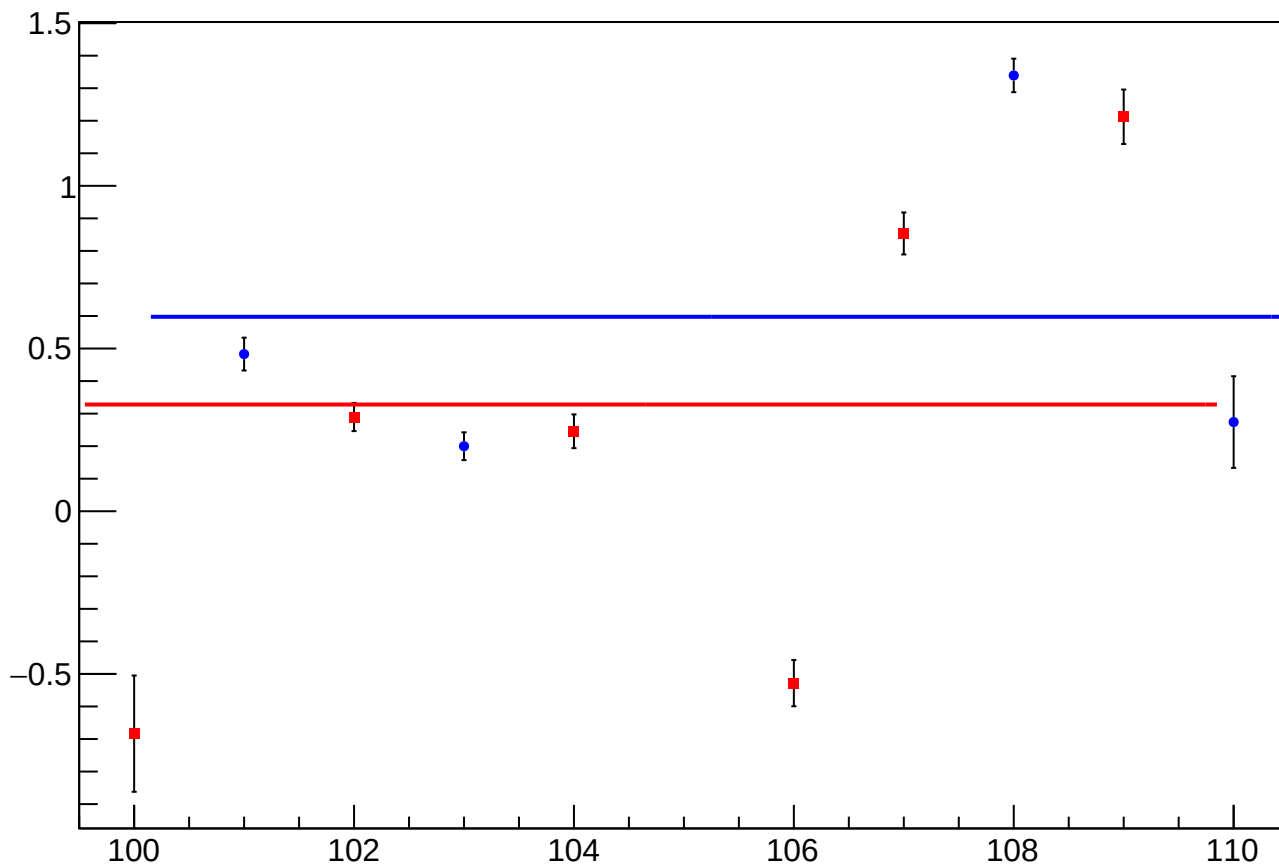
Right: -55.802+/-0.507 χ^2/NDF : 4349.5/9

In: -50.984+/-0.736 χ^2/NDF : 1730.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.802+/-0.507 χ^2/NDF : 4349.5/9

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.598 $\pm$ 0.027 χ^2 /NDF: 304.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.328 $\pm$ 0.026 χ^2 /NDF: 358.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

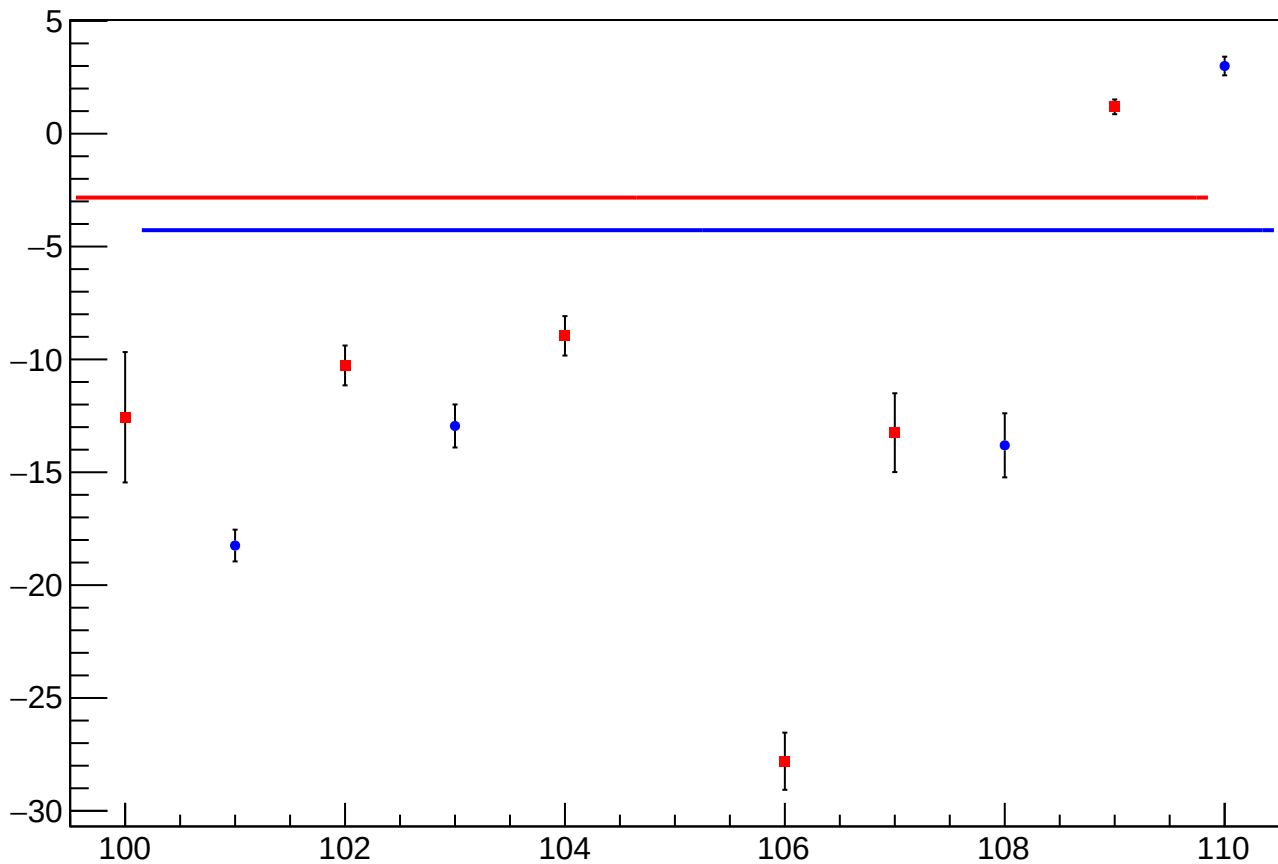
Right: 0.456 $\pm$ 0.019 χ^2 /NDF: 715.5/9

In: 0.598 $\pm$ 0.027 χ^2 /NDF:304.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.456 $\pm$ 0.019 χ^2 /NDF: 715.5/9

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.275+/-0.325 χ^2/NDF : 831.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.830+/-0.277 χ^2/NDF : 707.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

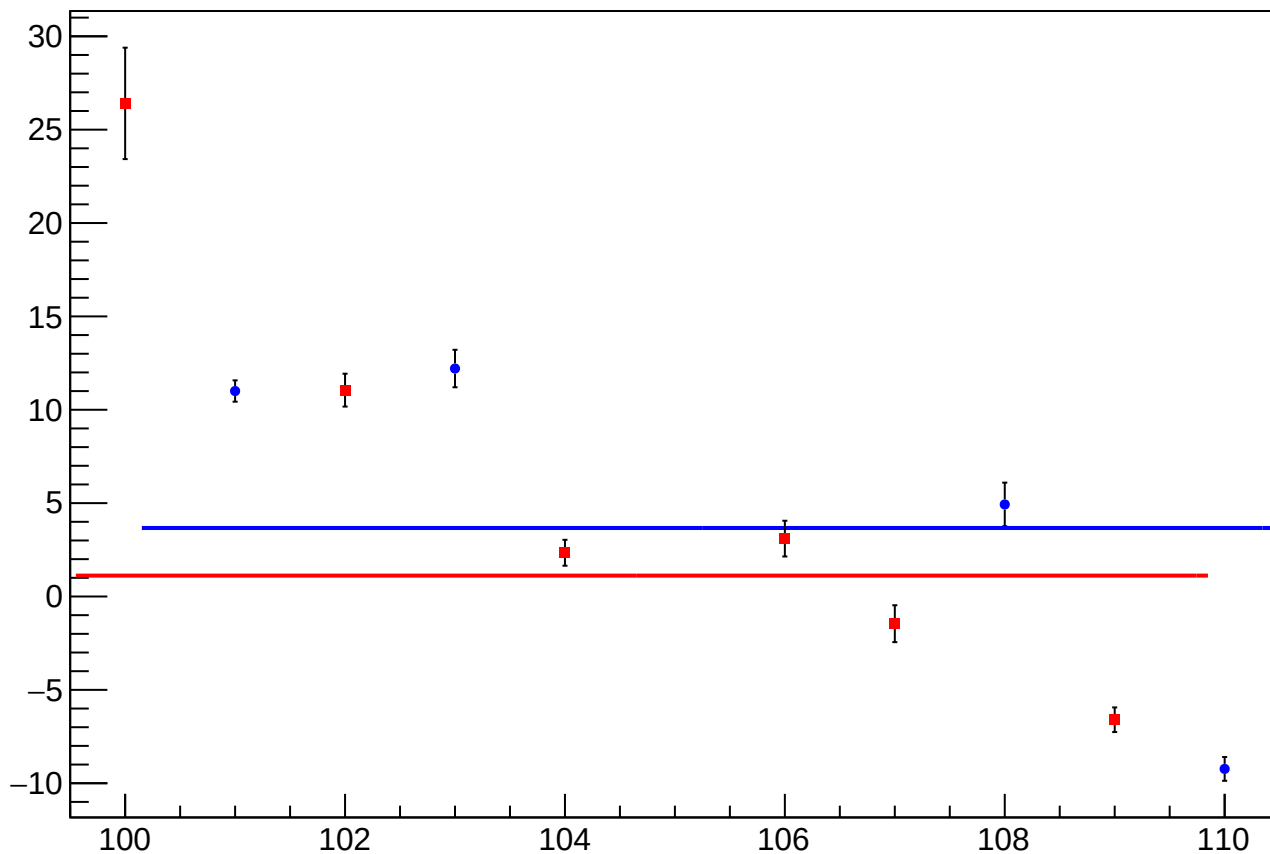
Right: -3.437+/-0.211 χ^2/NDF : 1550.5/9

In: -4.275+/-0.325 χ^2/NDF : 831.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.437+/-0.211 χ^2/NDF : 1550.5/9

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.669+/-0.371 χ^2/NDF : 649.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.119+/-0.356 χ^2/NDF : 350.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

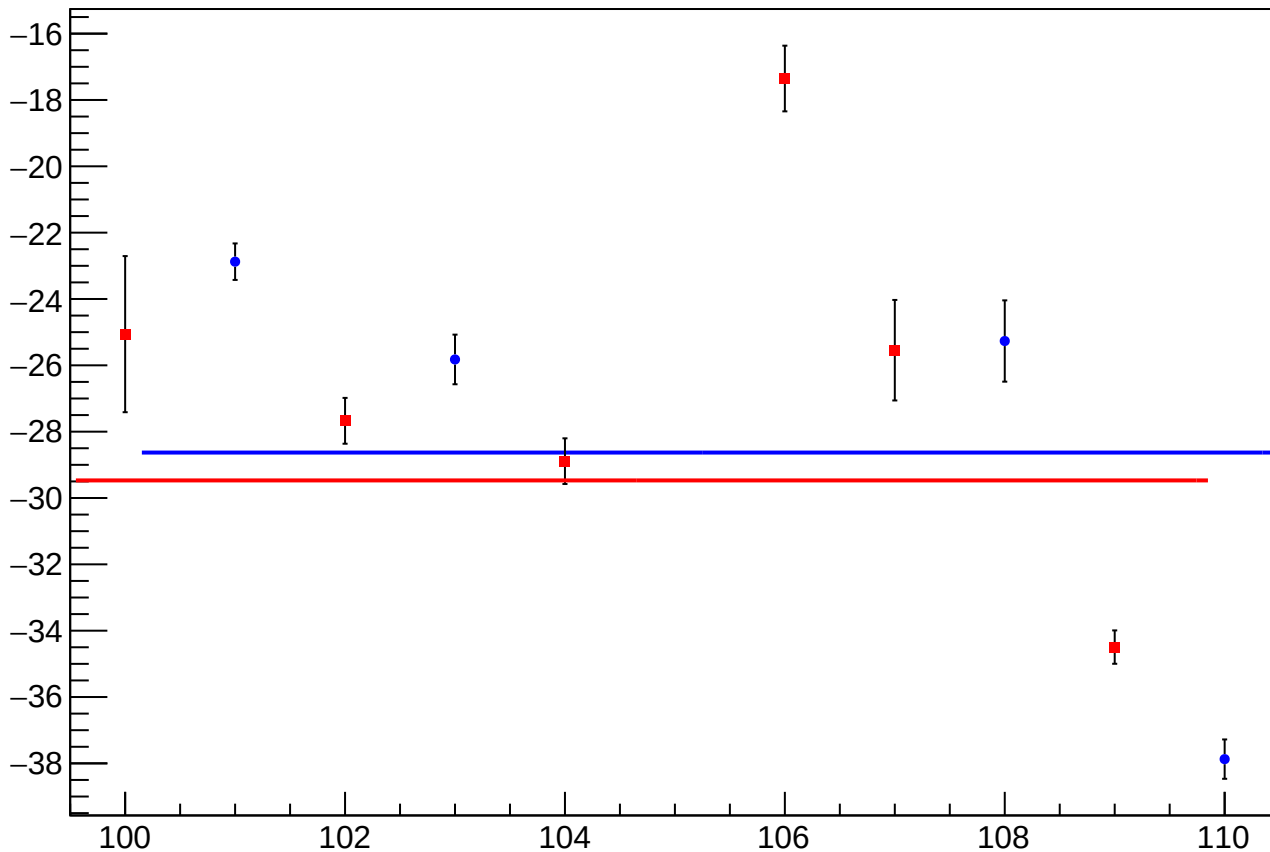
Right: 2.340+/-0.257 χ^2/NDF : 1023.7/9

In: 3.669+/-0.371 χ^2/NDF : 649.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.340+/-0.257 χ^2/NDF : 1023.7/9

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -28.630 $\pm$ 0.341 χ^2 /NDF: 373.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.470 $\pm$ 0.320 χ^2 /NDF: 267.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

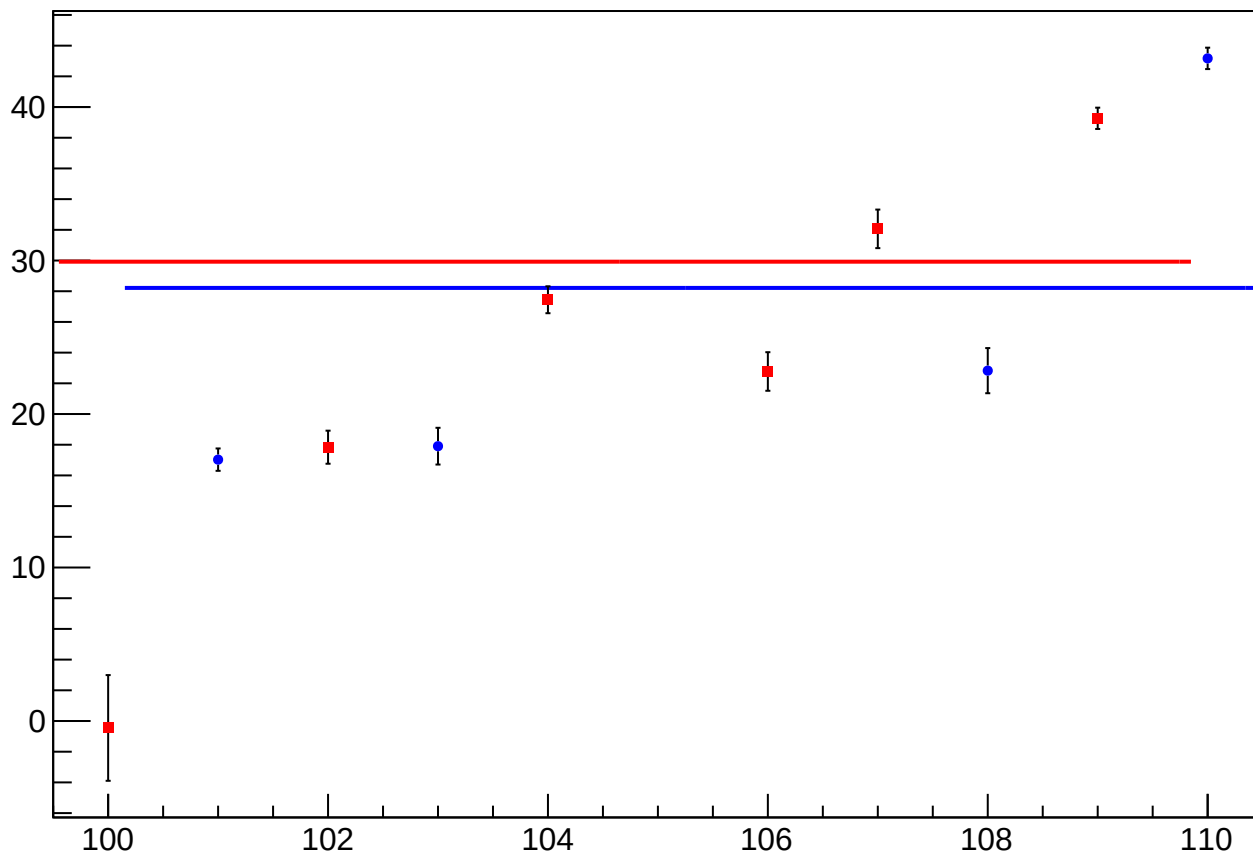
Right: -29.077 $\pm$ 0.233 χ^2 /NDF: 644.2/9

In: -28.630 $\pm$ 0.341 χ^2 /NDF:373.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -29.077 $\pm$ 0.233 χ^2 /NDF: 644.2/9

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.216+/-0.443 χ^2/NDF : 783.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.925+/-0.423 χ^2/NDF : 428.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

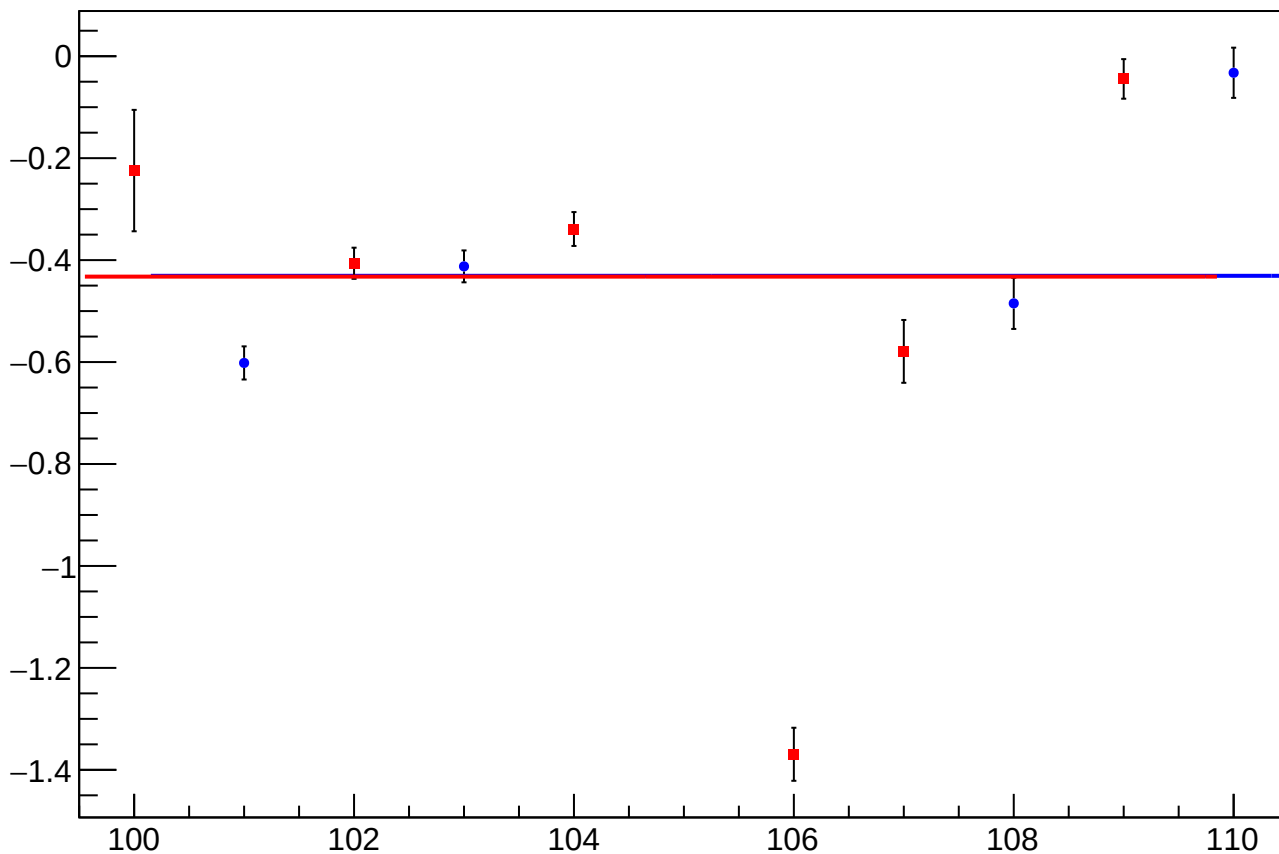
Right: 29.110+/-0.306 χ^2/NDF : 1219.4/9

In: 28.216+/-0.443 χ^2/NDF : 783.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.110+/-0.306 χ^2/NDF : 1219.4/9

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.431+/-0.019 χ^2/NDF : 94.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.432+/-0.017 χ^2/NDF : 441.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

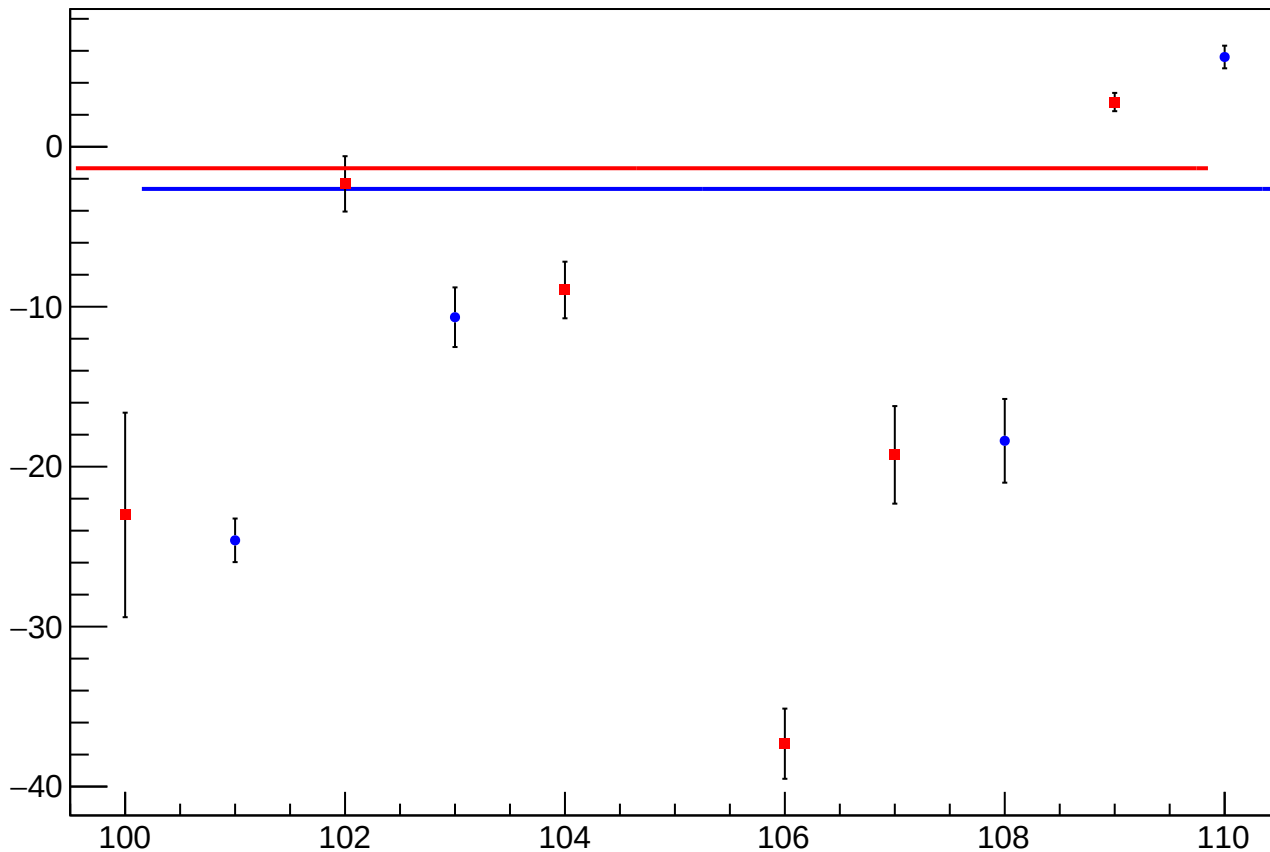
Right: -0.432+/-0.013 χ^2/NDF : 536.2/9

In: -0.431+/-0.019 χ^2/NDF : 94.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.432+/-0.013 χ^2/NDF : 536.2/9

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.634 $\pm$ 0.581 χ^2 /NDF: 450.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.342 $\pm$ 0.496 χ^2 /NDF: 386.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

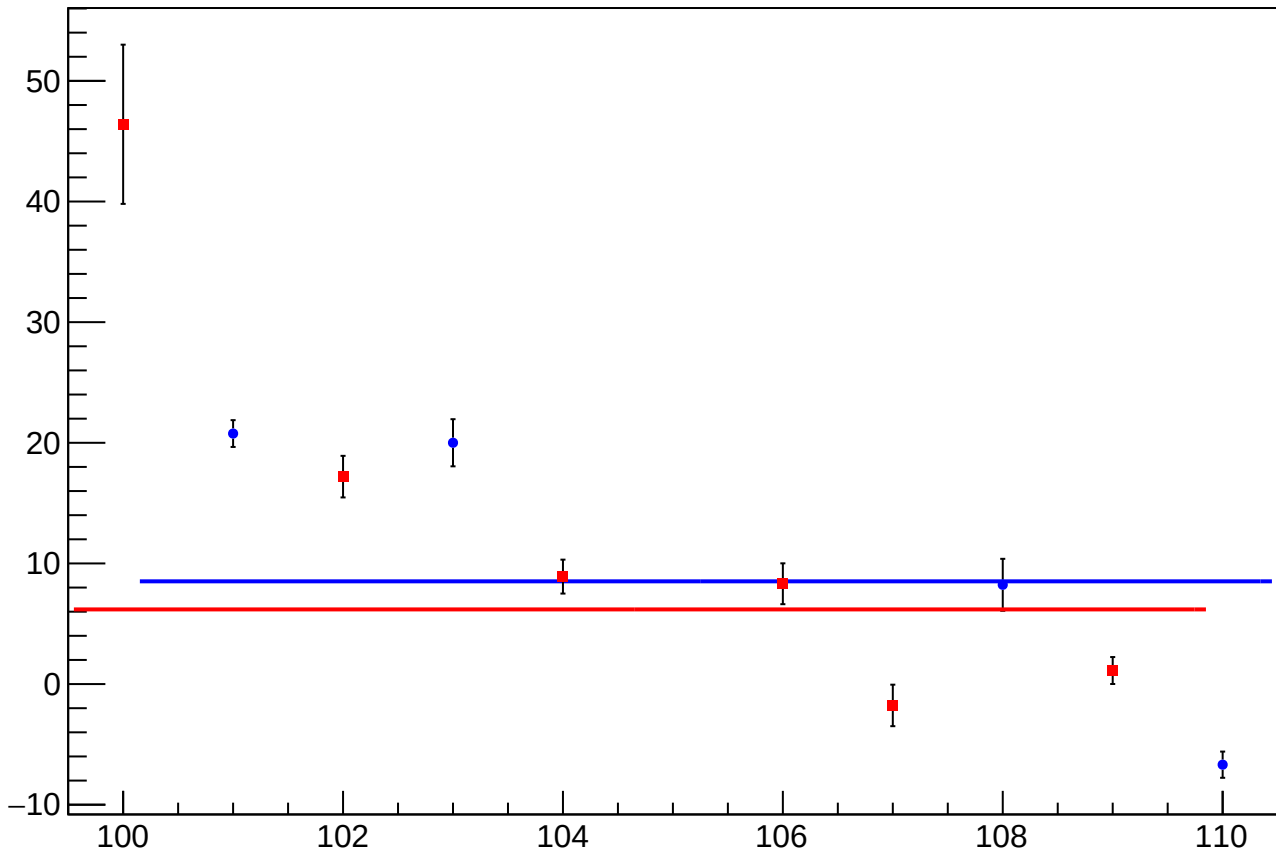
Right: -1.888 $\pm$ 0.377 χ^2 /NDF: 839.5/9

In: -2.634 $\pm$ 0.581 χ^2 /NDF:450.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.888 $\pm$ 0.377 χ^2 /NDF: 839.5/9

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.516+/-0.684 χ^2/NDF : 351.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.188+/-0.652 χ^2/NDF : 125.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

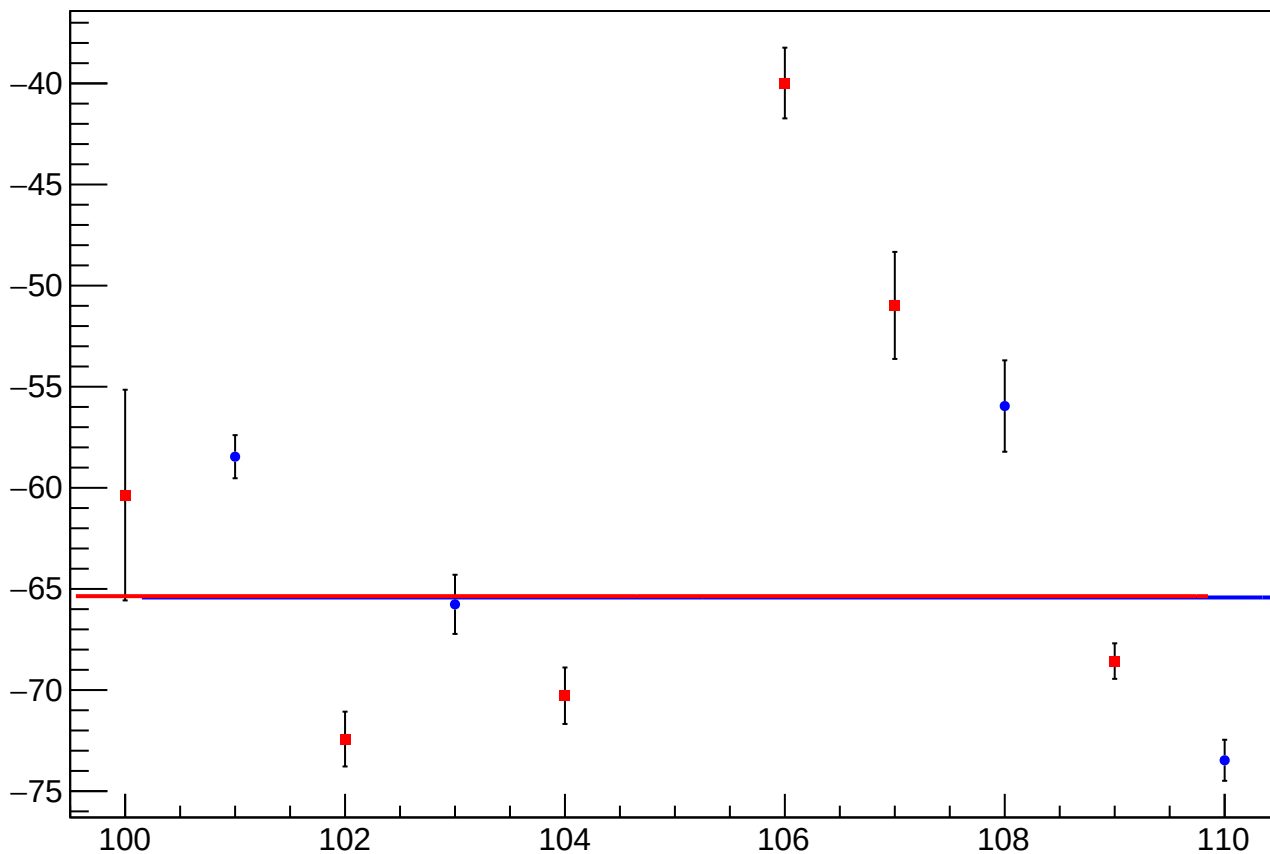
Right: 7.296+/-0.472 χ^2/NDF : 483.0/9

In: 8.516+/-0.684 χ^2/NDF : 351.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.296+/-0.472 χ^2/NDF : 483.0/9

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -65.422+/-0.631 χ^2/NDF : 123.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.357+/-0.591 χ^2/NDF : 294.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

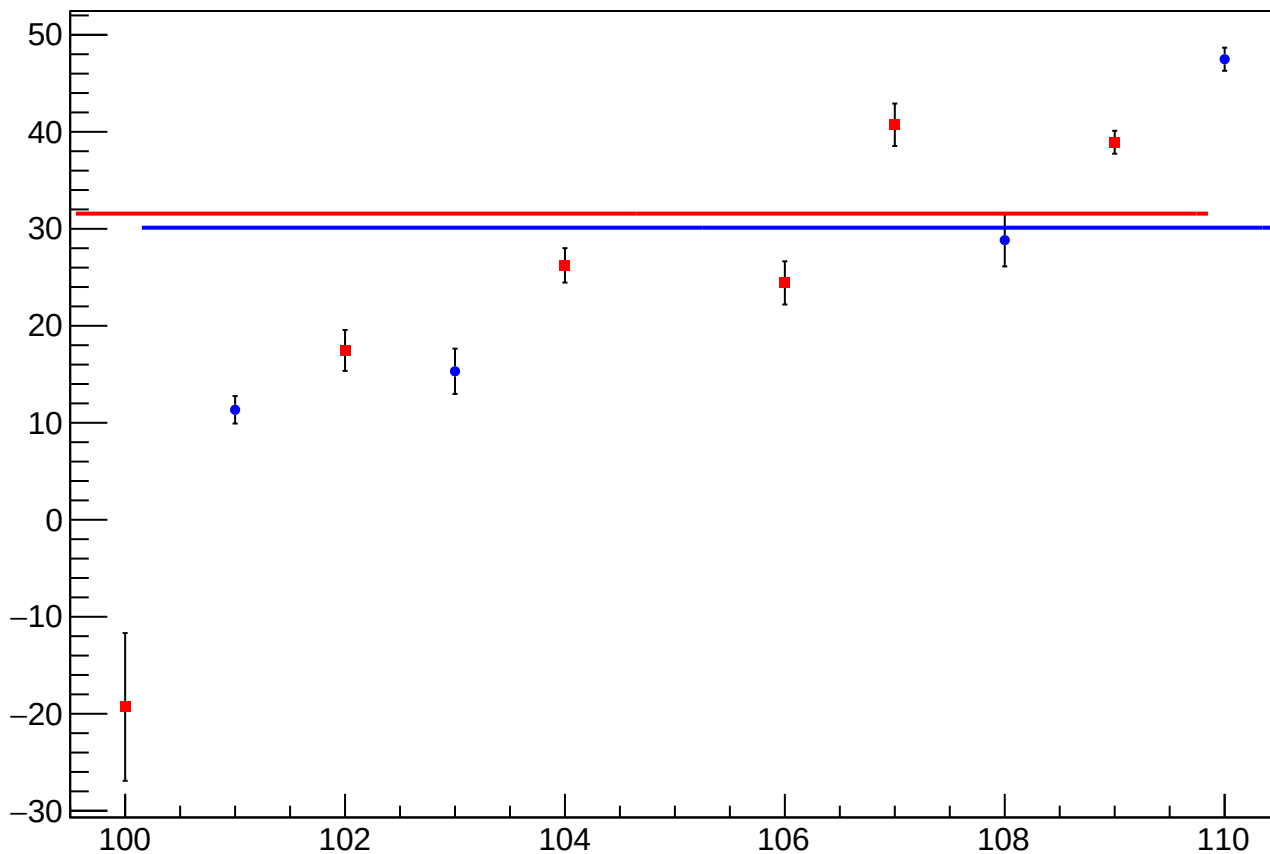
Right: -65.388+/-0.431 χ^2/NDF : 417.3/9

In: -65.422+/-0.631 χ^2/NDF : 123.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.388+/-0.431 χ^2/NDF : 417.3/9

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.117+/-0.810 χ^2/NDF : 428.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.567+/-0.770 χ^2/NDF : 165.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

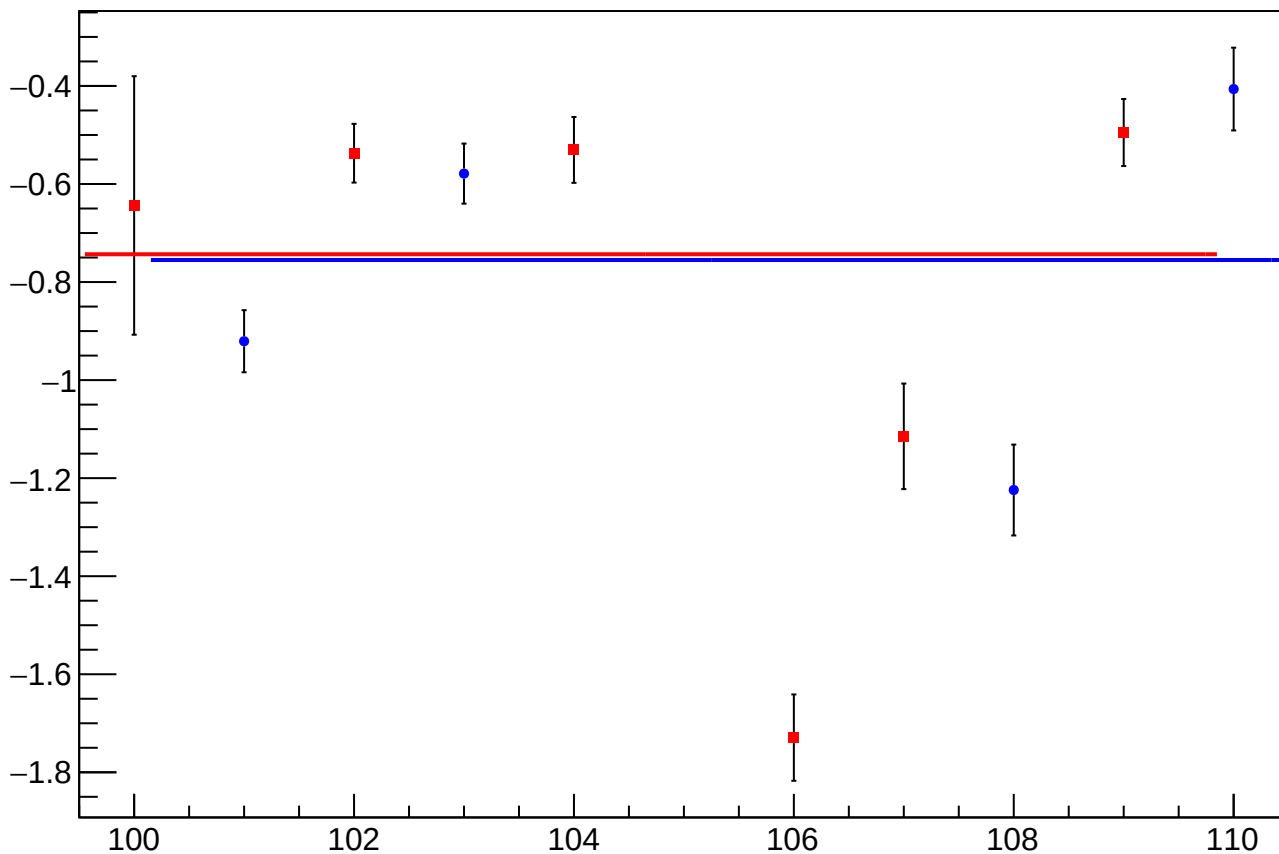
Right: 30.879+/-0.558 χ^2/NDF : 595.5/9

In: 30.117+/-0.810 χ^2/NDF : 428.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.879+/-0.558 χ^2/NDF : 595.5/9

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.755+/-0.036 χ^2/NDF : 57.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.743+/-0.033 χ^2/NDF : 172.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

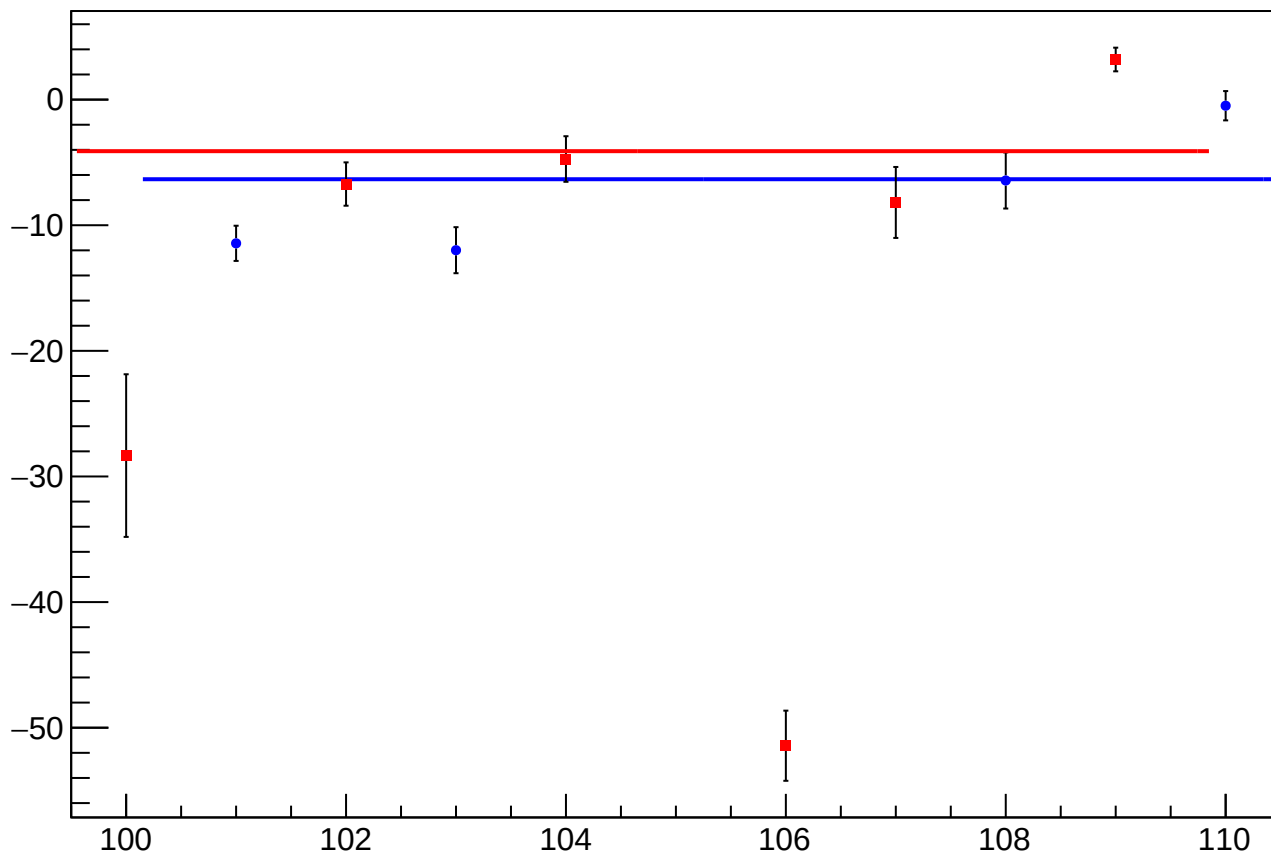
Right: -0.749+/-0.024 χ^2/NDF : 230.3/9

In: -0.755+/-0.036 χ^2/NDF : 57.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.749+/-0.024 χ^2/NDF : 230.3/9

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.338+/-0.757 χ^2/NDF : 47.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.105+/-0.699 χ^2/NDF : 365.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

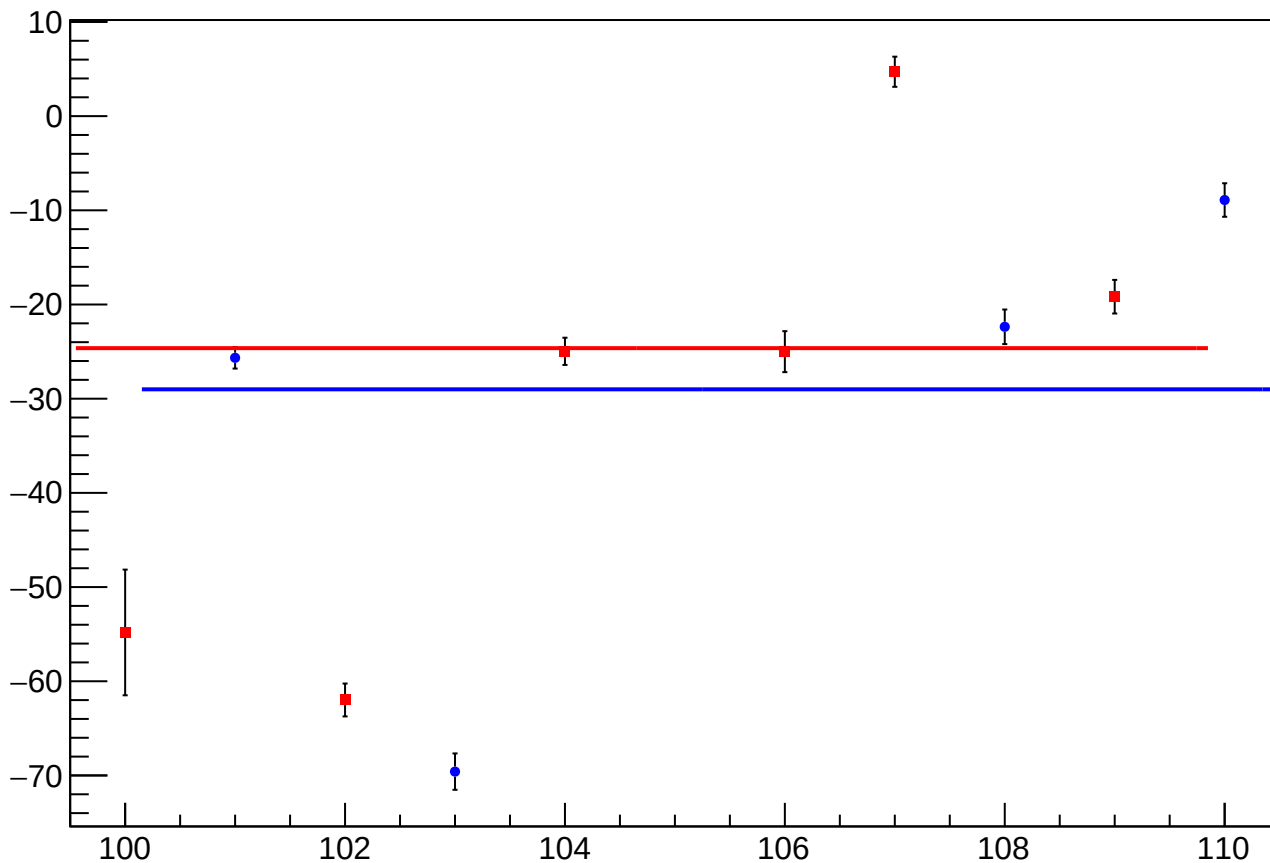
Right: -5.132+/-0.514 χ^2/NDF : 418.6/9

In: -6.338+/-0.757 χ^2/NDF : 47.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.132+/-0.514 χ^2/NDF : 418.6/9

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -29.006 ± 0.779 $\chi^2/\text{NDF}: 591.4/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -24.634 ± 0.757 $\chi^2/\text{NDF}: 824.0/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

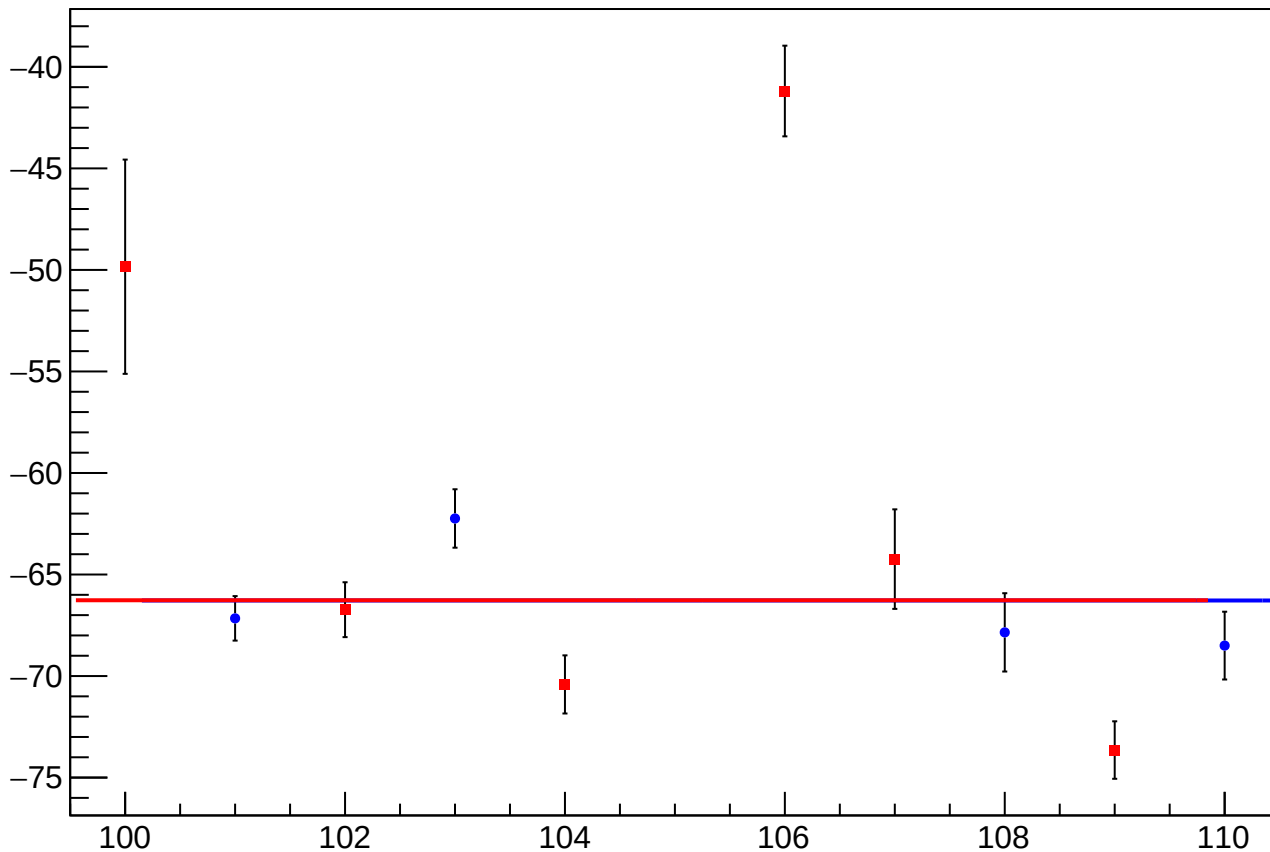
Right: -26.758 ± 0.543 $\chi^2/\text{NDF}: 1431.7/9$

In: -29.006 ± 0.779 $\chi^2/\text{NDF}: 591.4/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -26.758 ± 0.543 $\chi^2/\text{NDF}: 1431.7/9$

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.279+/-0.717 χ^2/NDF : 11.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.267+/-0.718 χ^2/NDF : 172.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

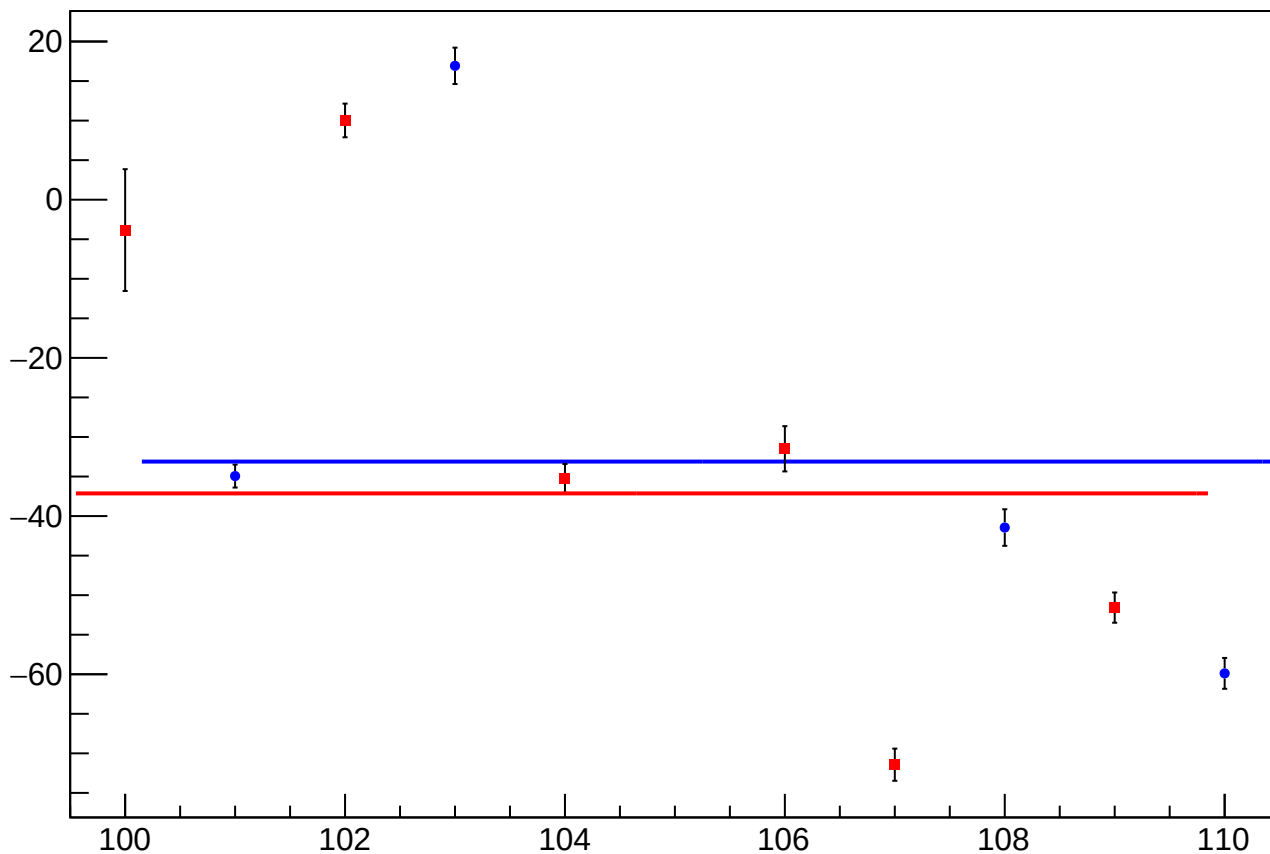
Right: -66.273+/-0.508 χ^2/NDF : 183.2/9

In: -66.279+/-0.717 χ^2/NDF : 11.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.273+/-0.508 χ^2/NDF : 183.2/9

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.109 $\pm$ 0.948 χ^2 /NDF: 677.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -37.135 $\pm$ 0.922 χ^2 /NDF: 856.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

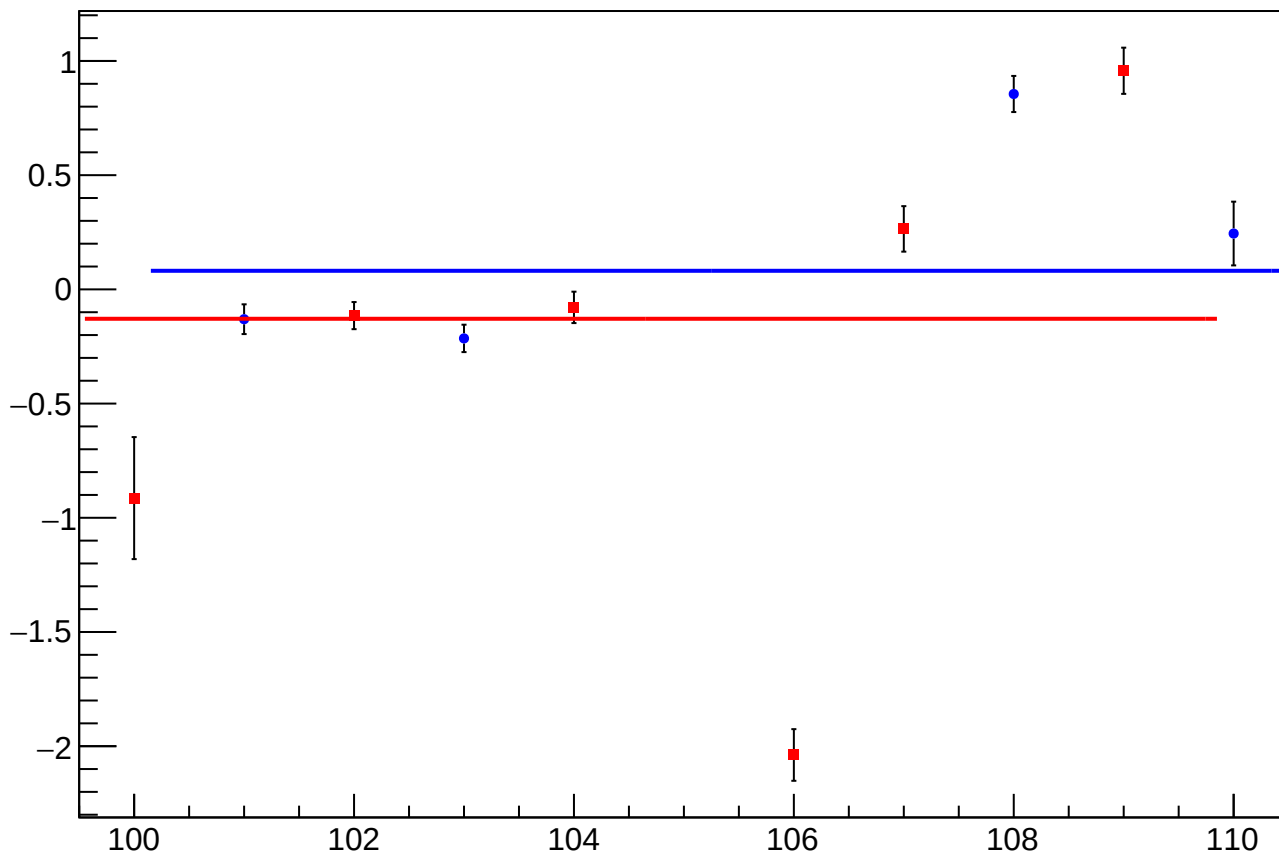
Right: -35.178 $\pm$ 0.661 χ^2 /NDF: 1542.7/9

In: -33.109 $\pm$ 0.948 χ^2 /NDF:677.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -35.178 $\pm$ 0.661 χ^2 /NDF: 1542.7/9

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.081+/-0.037 χ^2/NDF : 132.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.129+/-0.036 χ^2/NDF : 425.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

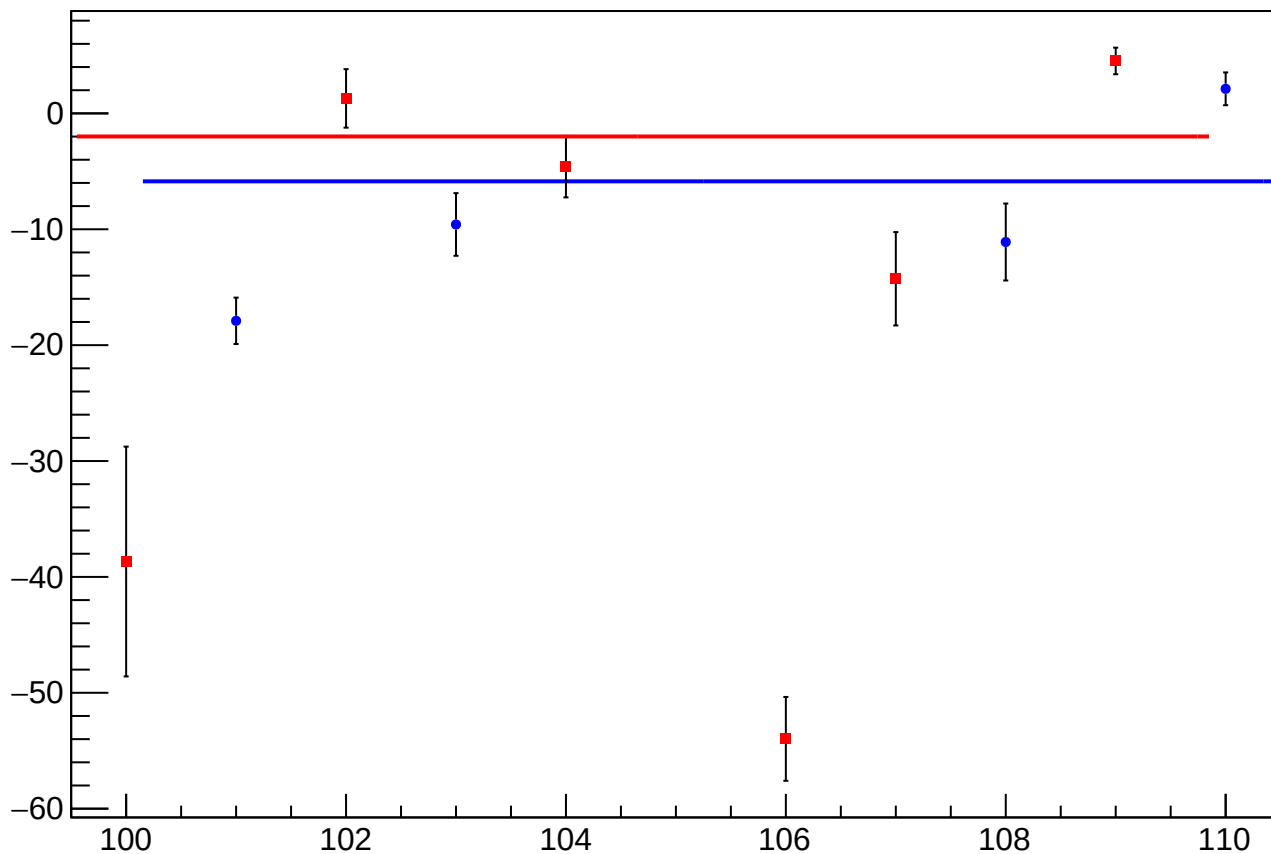
Right: -0.028+/-0.026 χ^2/NDF : 574.2/9

In: 0.081+/-0.037 χ^2/NDF : 132.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.028+/-0.026 χ^2/NDF : 574.2/9

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.864+/-1.012 χ^2/NDF : 72.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.991+/-0.910 χ^2/NDF : 264.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

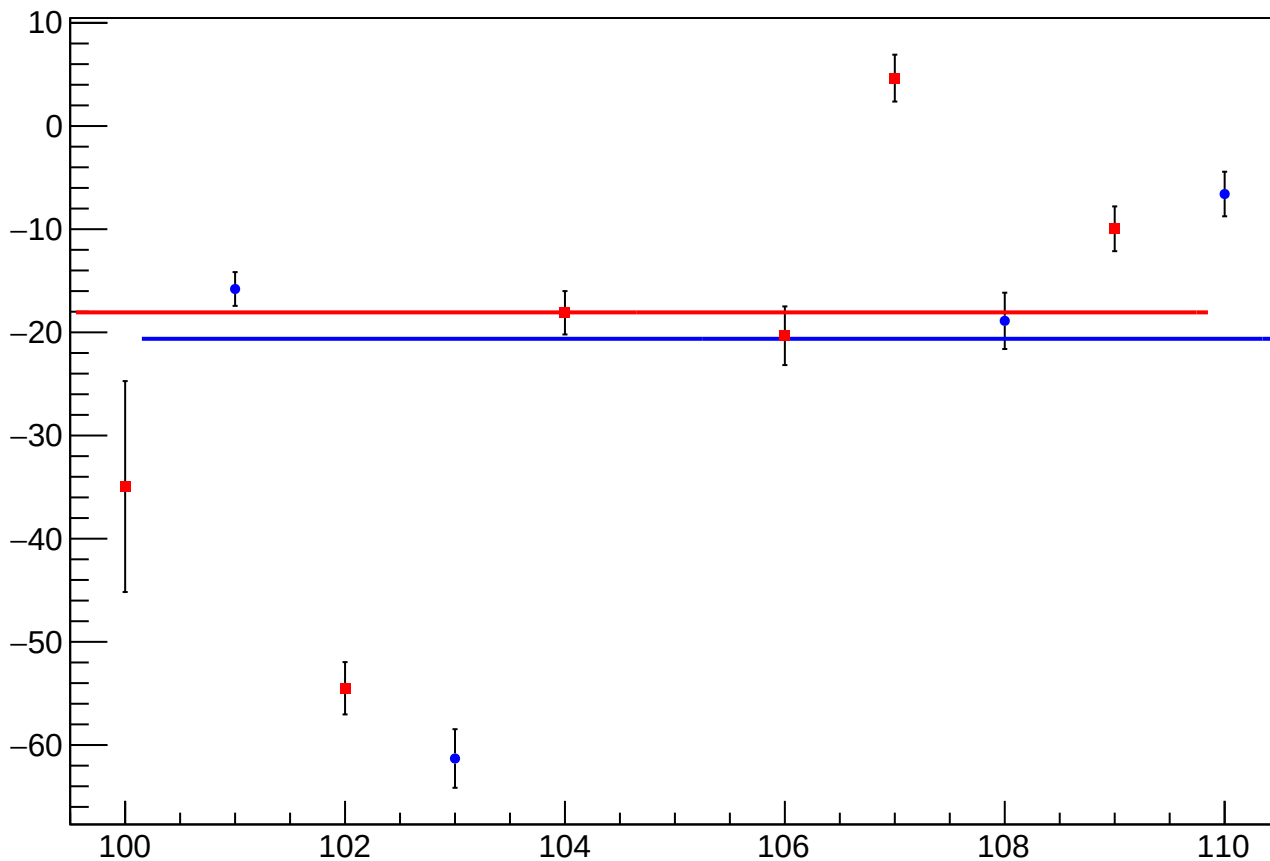
Right: -3.722+/-0.677 χ^2/NDF : 344.9/9

In: -5.864+/-1.012 χ^2/NDF : 72.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.722+/-0.677 χ^2/NDF : 344.9/9

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -20.623 ± 1.087 χ^2/NDF : 256.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.063 ± 1.042 χ^2/NDF : 323.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

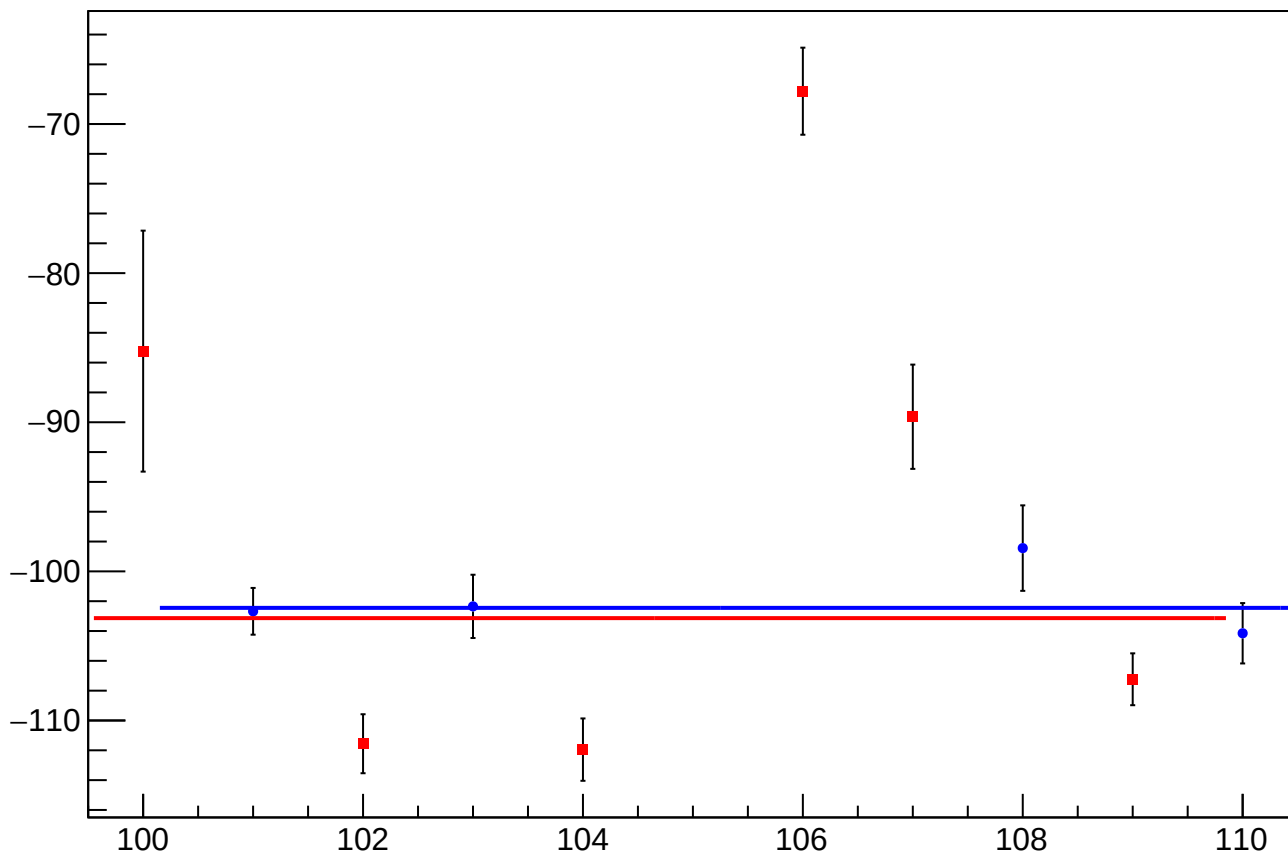
Right: -19.289 ± 0.752 χ^2/NDF : 582.8/9

In: -20.623 ± 1.087 χ^2/NDF : 256.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.289 ± 0.752 χ^2/NDF : 582.8/9

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -102.447+/-1.003 χ^2/NDF : 2.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -103.136+/-0.986 χ^2/NDF : 207.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

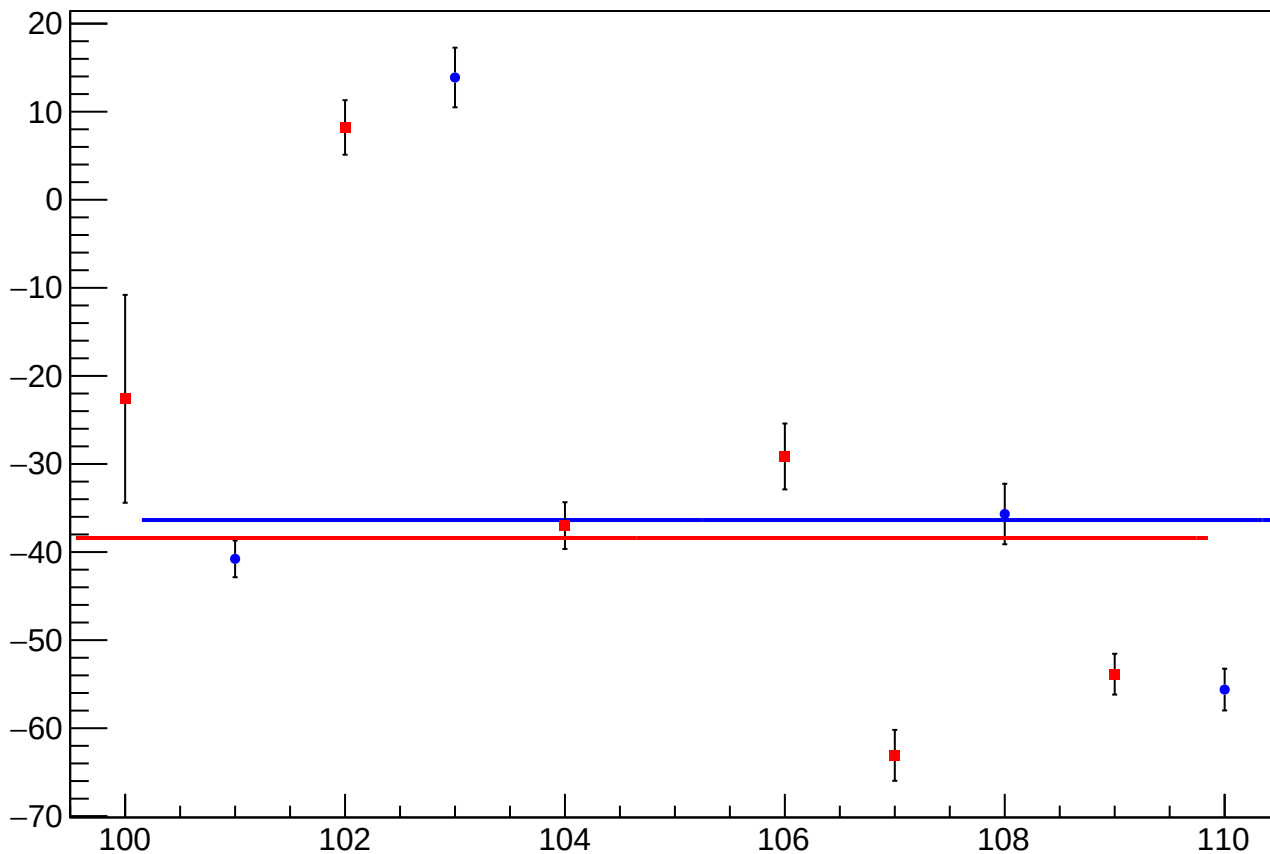
Right: -102.797+/-0.703 χ^2/NDF : 210.8/9

In: -102.447+/-1.003 χ^2/NDF : 2.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.797+/-0.703 χ^2/NDF : 210.8/9

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.363+/-1.313 χ^2/NDF : 290.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.401+/-1.259 χ^2/NDF : 352.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

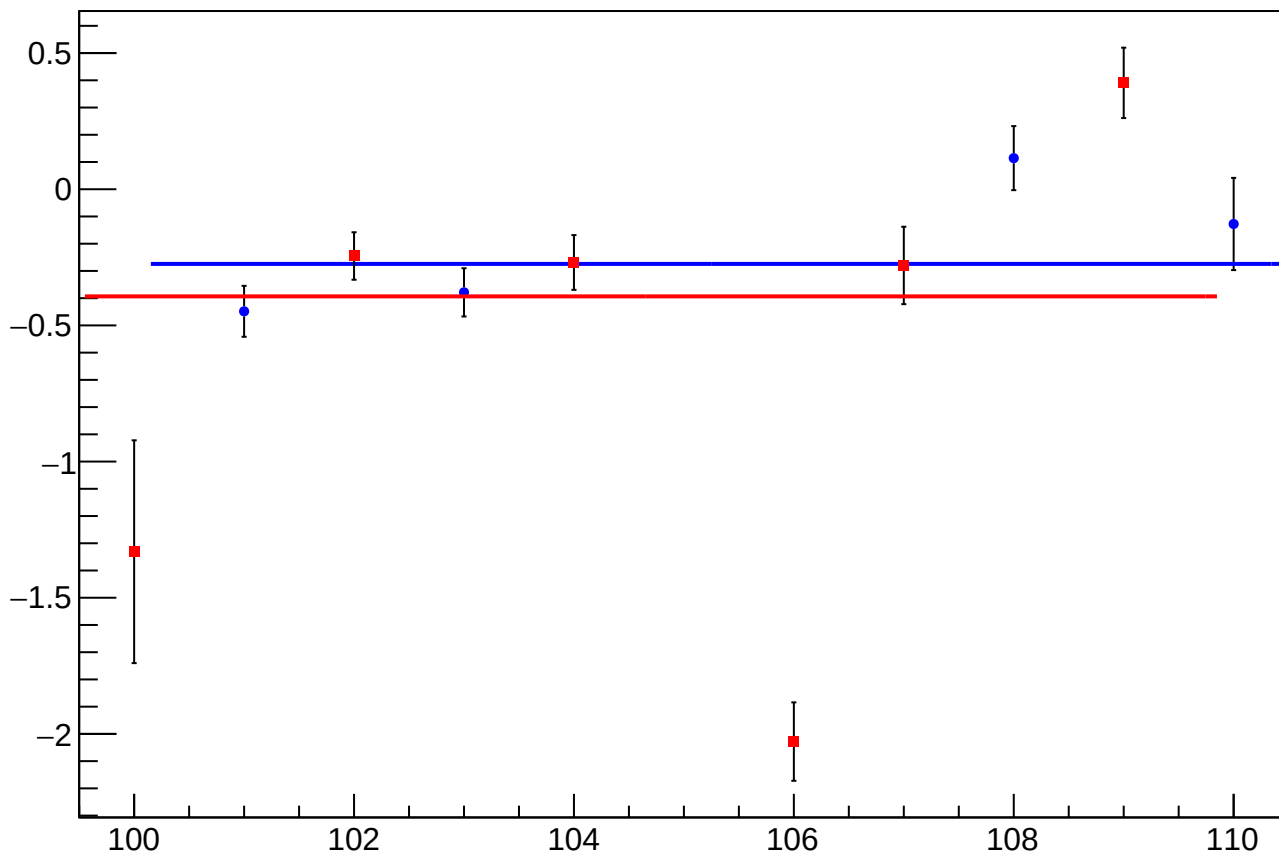
Right: -37.425+/-0.909 χ^2/NDF : 644.3/9

In: -36.363+/-1.313 χ^2/NDF : 290.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.425+/-0.909 χ^2/NDF : 644.3/9

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.274 ± 0.054 χ^2/NDF : 16.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.393 ± 0.050 χ^2/NDF : 176.0/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

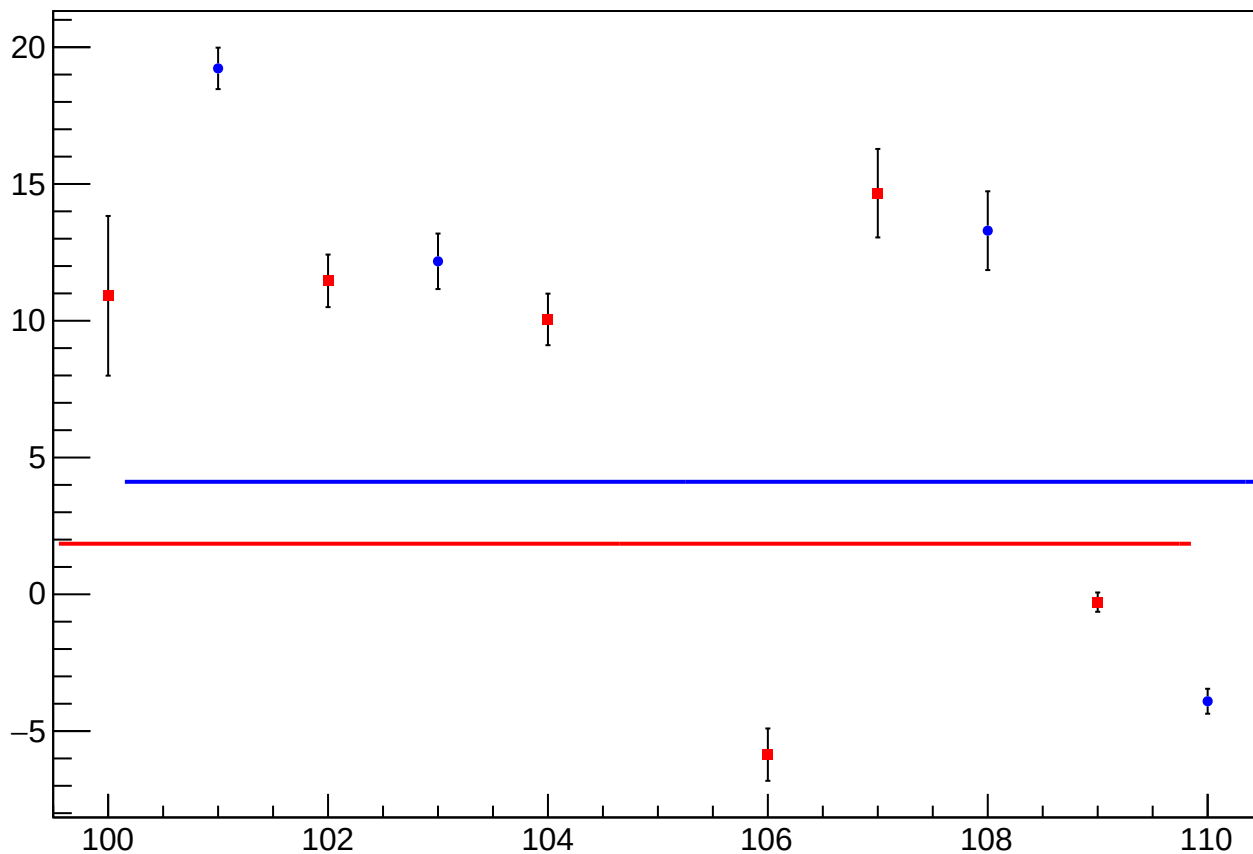
Right: -0.337 ± 0.037 χ^2/NDF : 195.2/9

In: -0.274 ± 0.054 χ^2/NDF : 16.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.337 ± 0.037 χ^2/NDF : 195.2/9

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.113 $\pm$ 0.353 χ^2 /NDF: 811.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.850 $\pm$ 0.291 χ^2 /NDF: 349.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

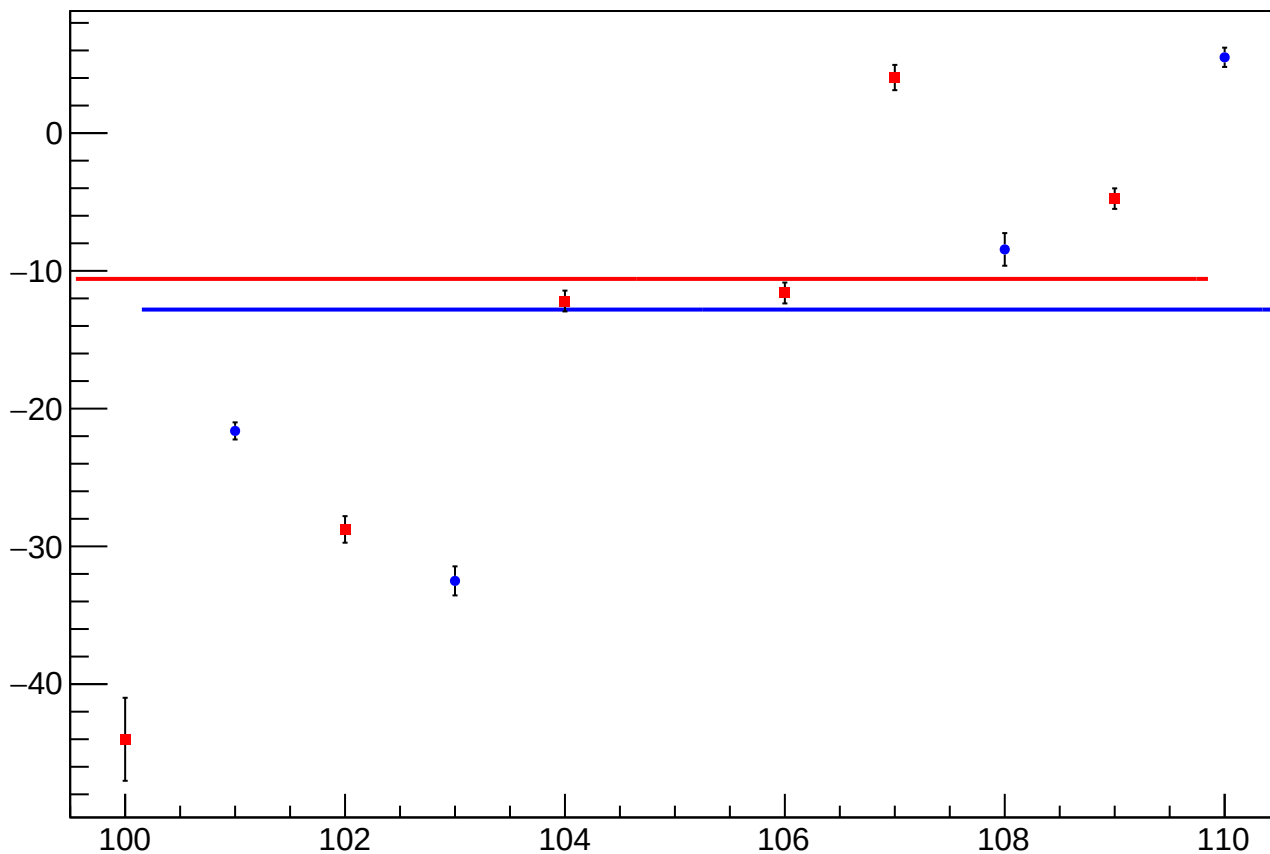
Right: 2.763 $\pm$ 0.224 χ^2 /NDF: 1185.9/9

In: 4.113 $\pm$ 0.353 χ^2 /NDF:811.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.763 $\pm$ 0.224 χ^2 /NDF: 1185.9/9

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.810 $\pm$ 0.400 χ^2 /NDF: 1249.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -10.584 $\pm$ 0.361 χ^2 /NDF: 800.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

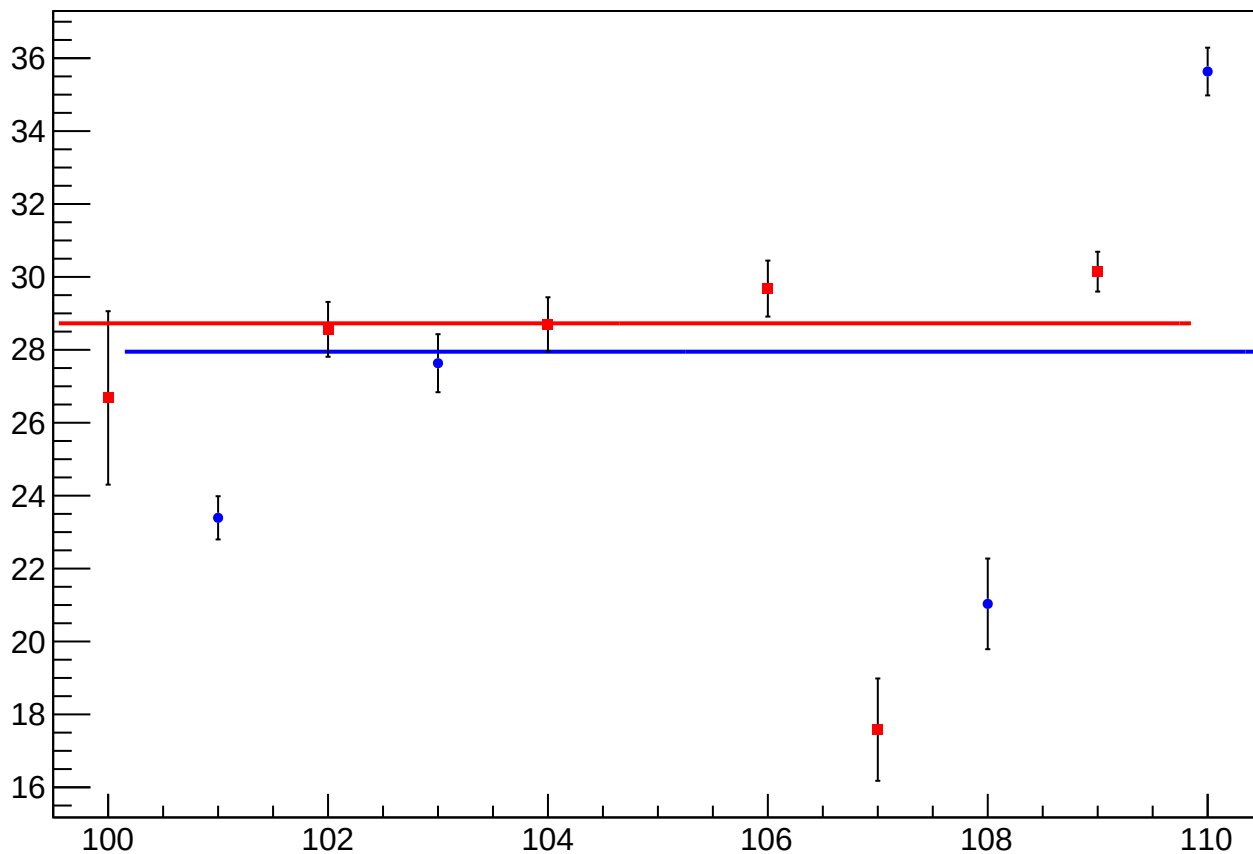
Right: -11.584 $\pm$ 0.268 χ^2 /NDF: 2066.9/9

In: -12.810 $\pm$ 0.400 χ^2 /NDF:1249.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.584 $\pm$ 0.268 χ^2 /NDF: 2066.9/9

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.949 $\pm$ 0.367 χ^2 /NDF: 228.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.727 $\pm$ 0.328 χ^2 /NDF: 72.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

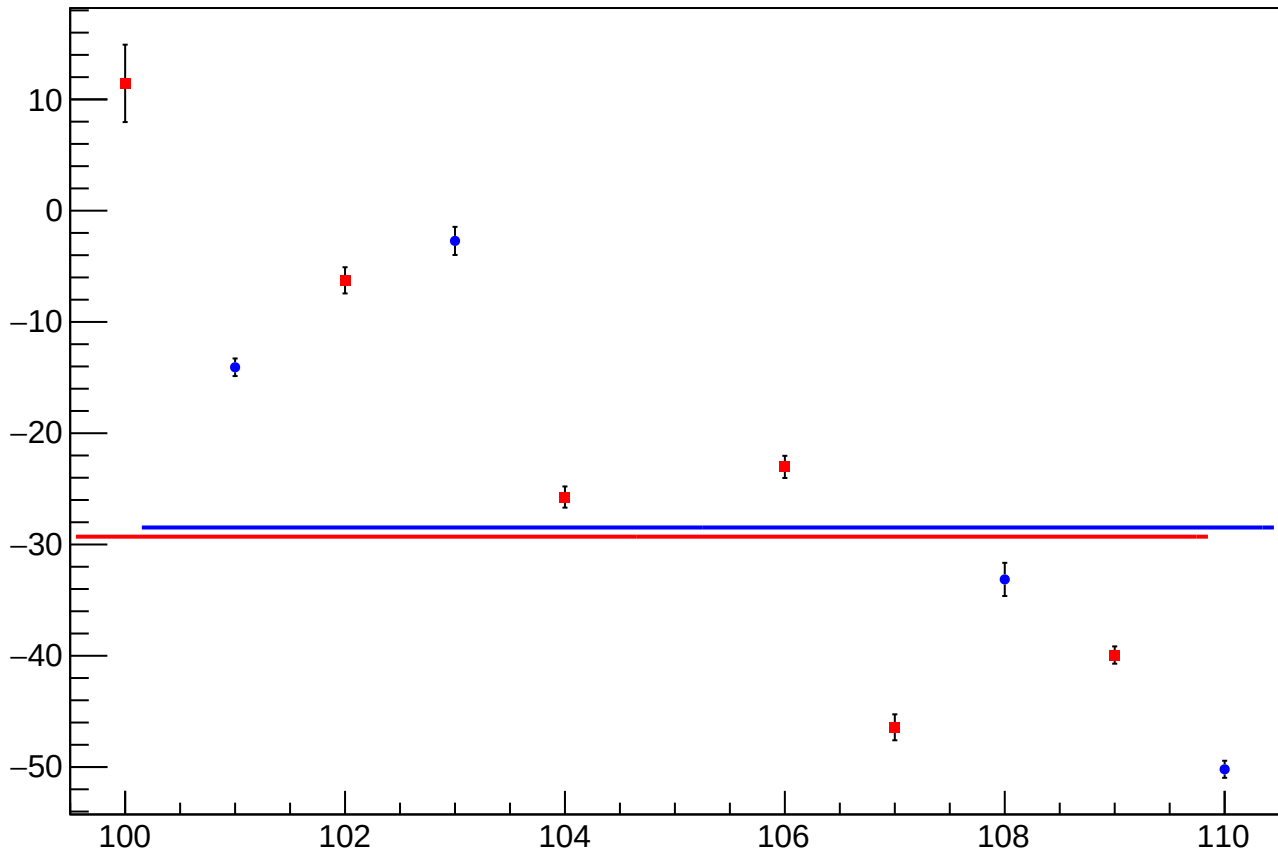
Right: 28.382 $\pm$ 0.245 χ^2 /NDF: 302.6/9

In: 27.949 $\pm$ 0.367 χ^2 /NDF:228.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.382 $\pm$ 0.245 χ^2 /NDF: 302.6/9

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.473+/-0.478 χ^2/NDF : 1562.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.296+/-0.434 χ^2/NDF : 976.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

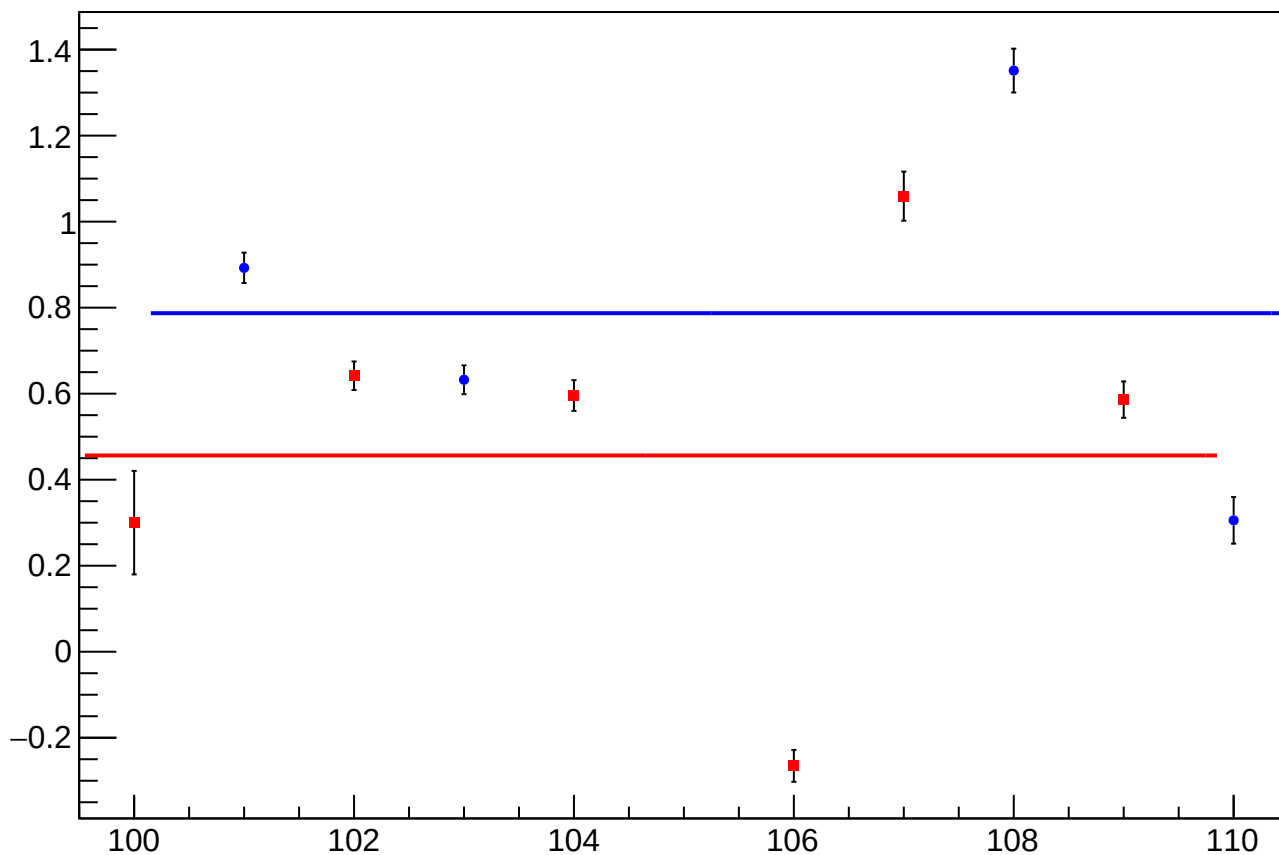
Right: -28.924+/-0.321 χ^2/NDF : 2540.6/9

In: -28.473+/-0.478 χ^2/NDF : 1562.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.924+/-0.321 χ^2/NDF : 2540.6/9

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.787 $\pm$ 0.020 χ^2 /NDF: 231.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.456 $\pm$ 0.017 χ^2 /NDF: 547.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

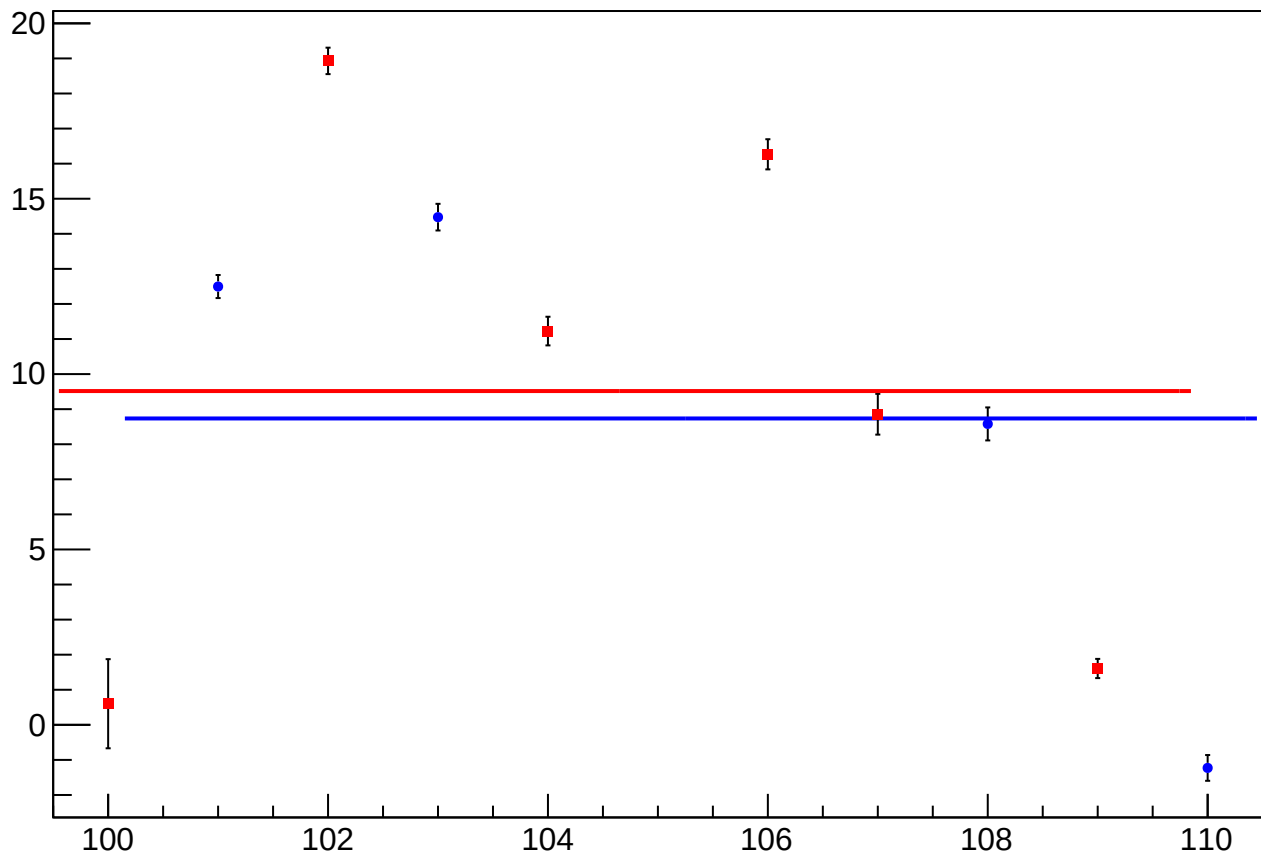
Right: 0.595 $\pm$ 0.013 χ^2 /NDF: 932.6/9

In: 0.787 $\pm$ 0.020 χ^2 /NDF:231.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.595 $\pm$ 0.013 χ^2 /NDF: 932.6/9

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.735+/-0.189 χ^2/NDF : 1095.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.516+/-0.168 χ^2/NDF : 1773.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

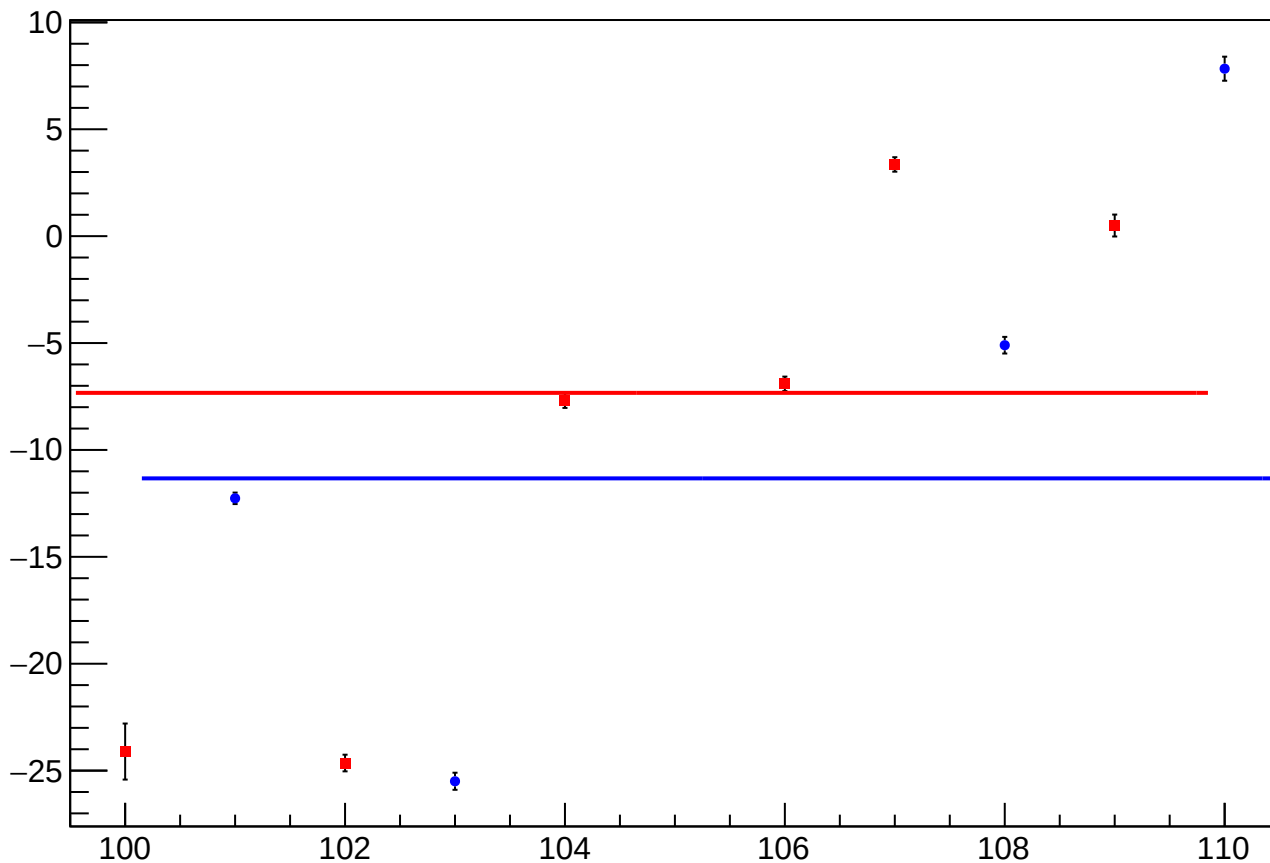
Right: 9.170+/-0.126 χ^2/NDF : 2877.9/9

In: 8.735+/-0.189 χ^2/NDF : 1095.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.170+/-0.126 χ^2/NDF : 2877.9/9

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.330+/-0.183 χ^2/NDF : 2685.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.330+/-0.165 χ^2/NDF : 3372.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

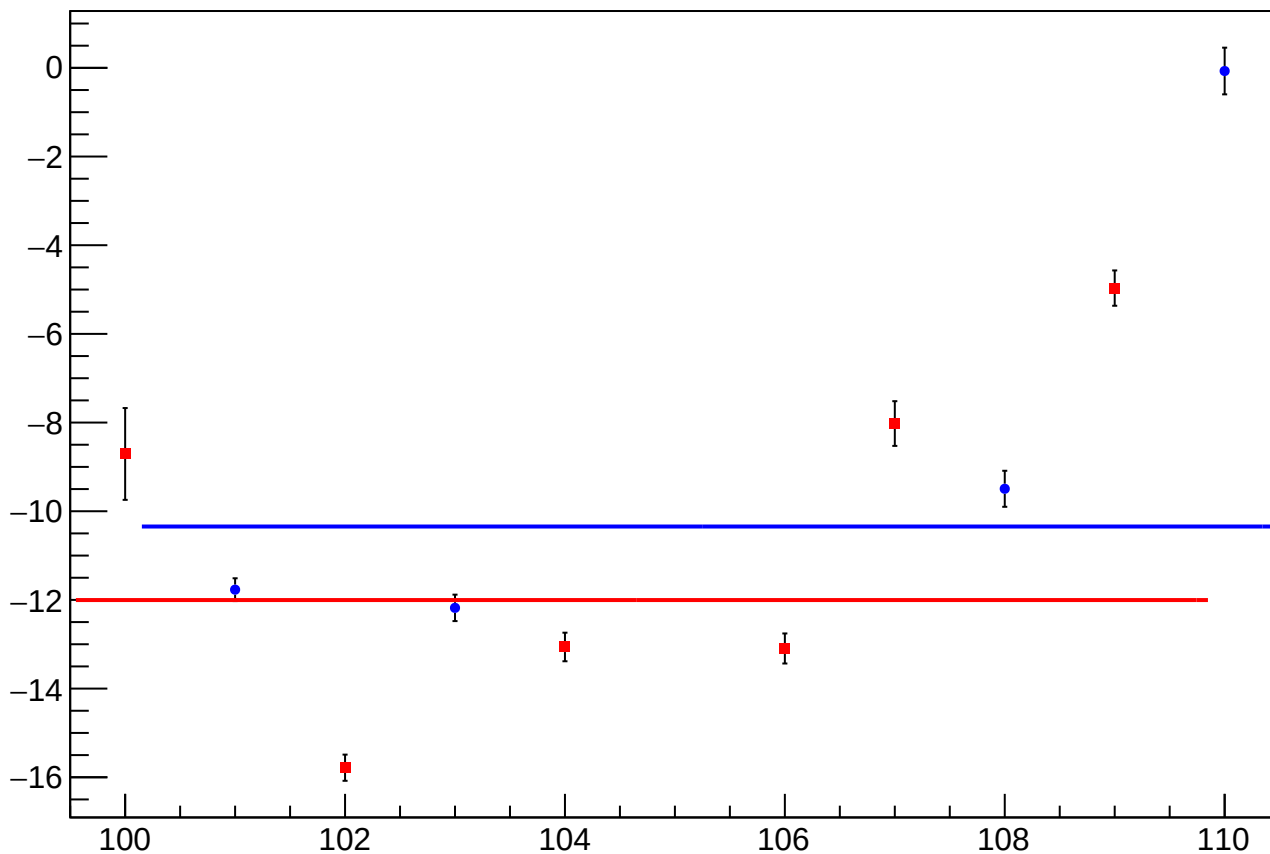
Right: -9.120+/-0.122 χ^2/NDF : 6322.3/9

In: -11.330+/-0.183 χ^2/NDF : 2685.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.120+/-0.122 χ^2/NDF : 6322.3/9

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.345 $\pm$ 0.167 χ^2 /NDF: 453.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.003 $\pm$ 0.156 χ^2 /NDF: 569.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

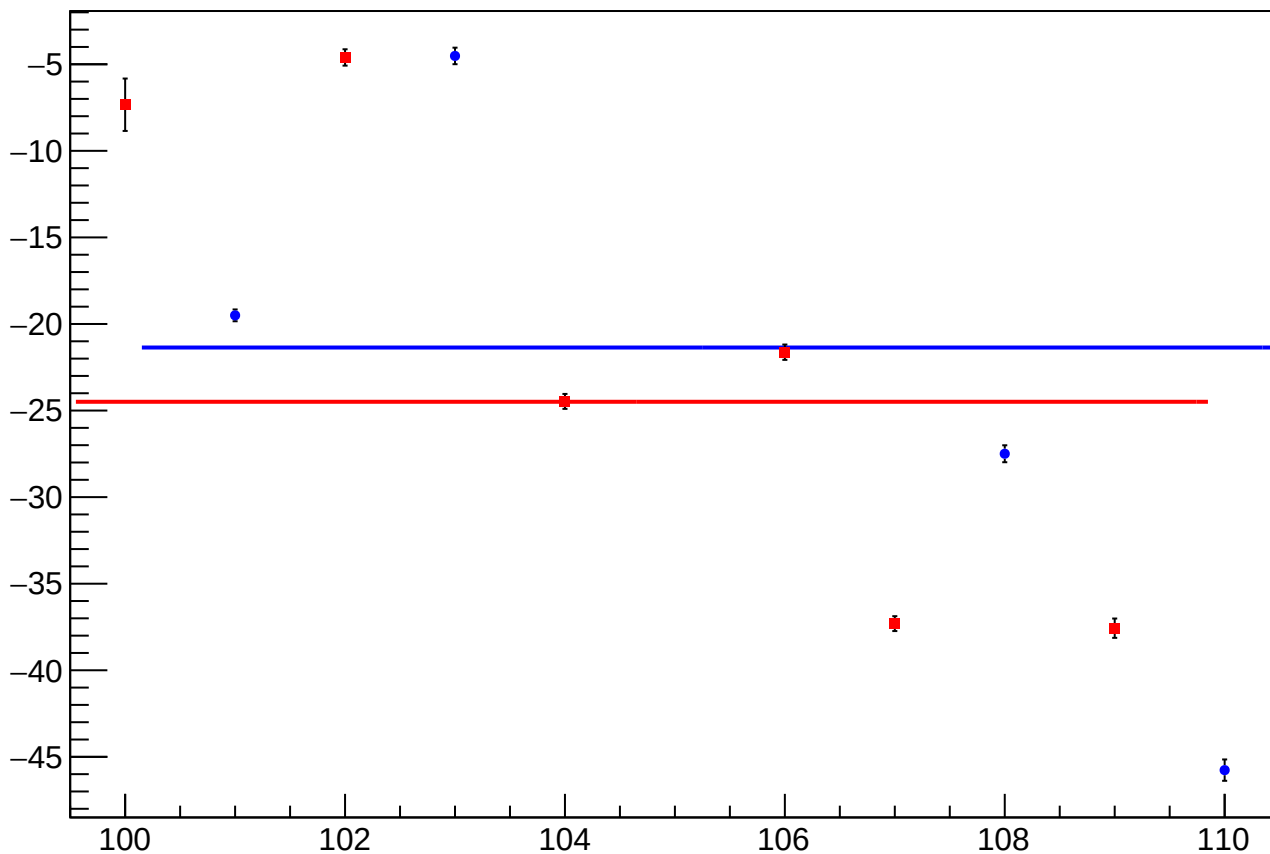
Right: -11.227 $\pm$ 0.114 χ^2 /NDF: 1076.0/9

In: -10.345 $\pm$ 0.167 χ^2 /NDF:453.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.227 $\pm$ 0.114 χ^2 /NDF: 1076.0/9

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -21.359 ± 0.225 χ^2/NDF : 3000.7/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.493 ± 0.204 χ^2/NDF : 3384.9/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

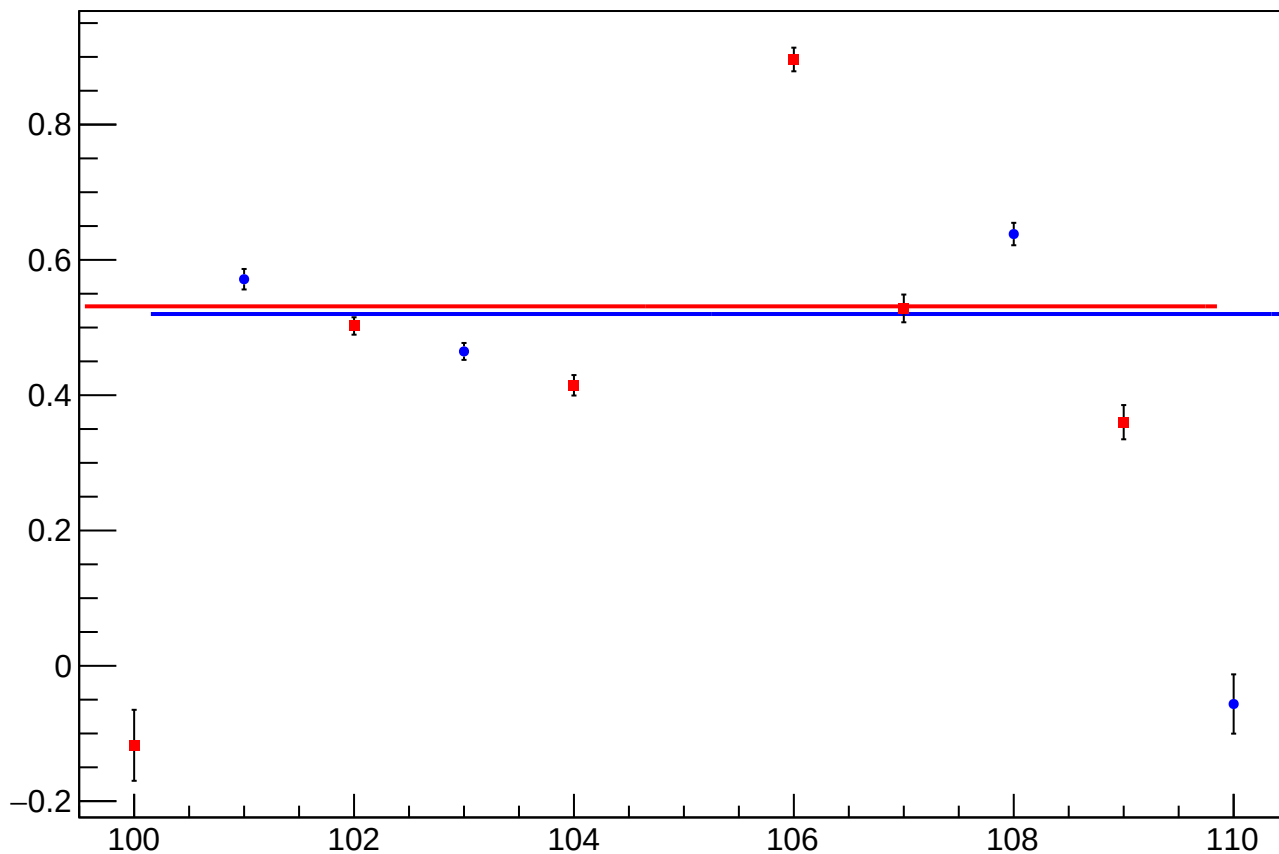
Right: -23.078 ± 0.151 χ^2/NDF : 6492.2/9

In: -21.359 ± 0.225 χ^2/NDF : 3000.7/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.078 ± 0.151 χ^2/NDF : 6492.2/9

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.520 $\pm$ 0.008 χ^2 /NDF: 255.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.531 $\pm$ 0.007 χ^2 /NDF: 700.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

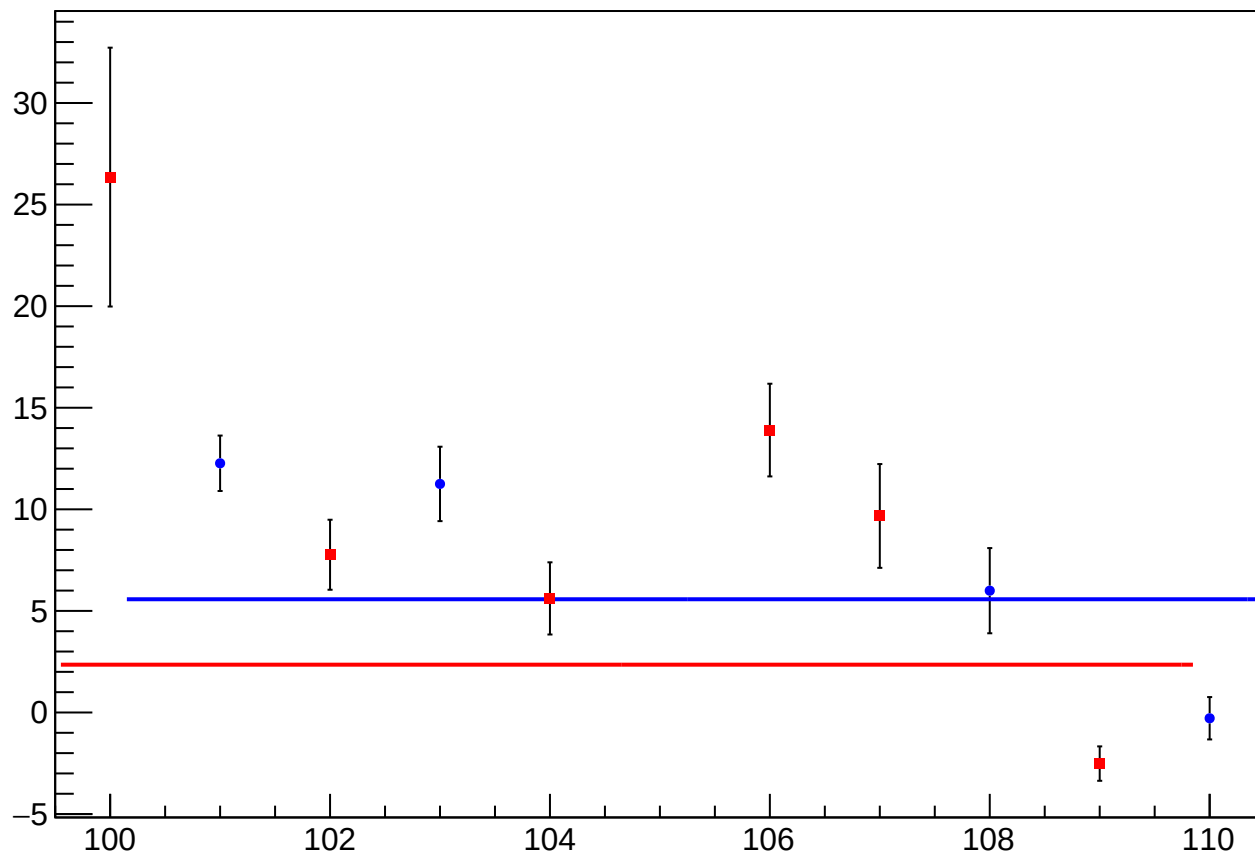
Right: 0.526 $\pm$ 0.006 χ^2 /NDF: 956.2/9

In: 0.520 $\pm$ 0.008 χ^2 /NDF:255.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.526 $\pm$ 0.006 χ^2 /NDF: 956.2/9

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.573+/-0.710 χ^2/NDF : 65.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.353+/-0.643 χ^2/NDF : 94.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

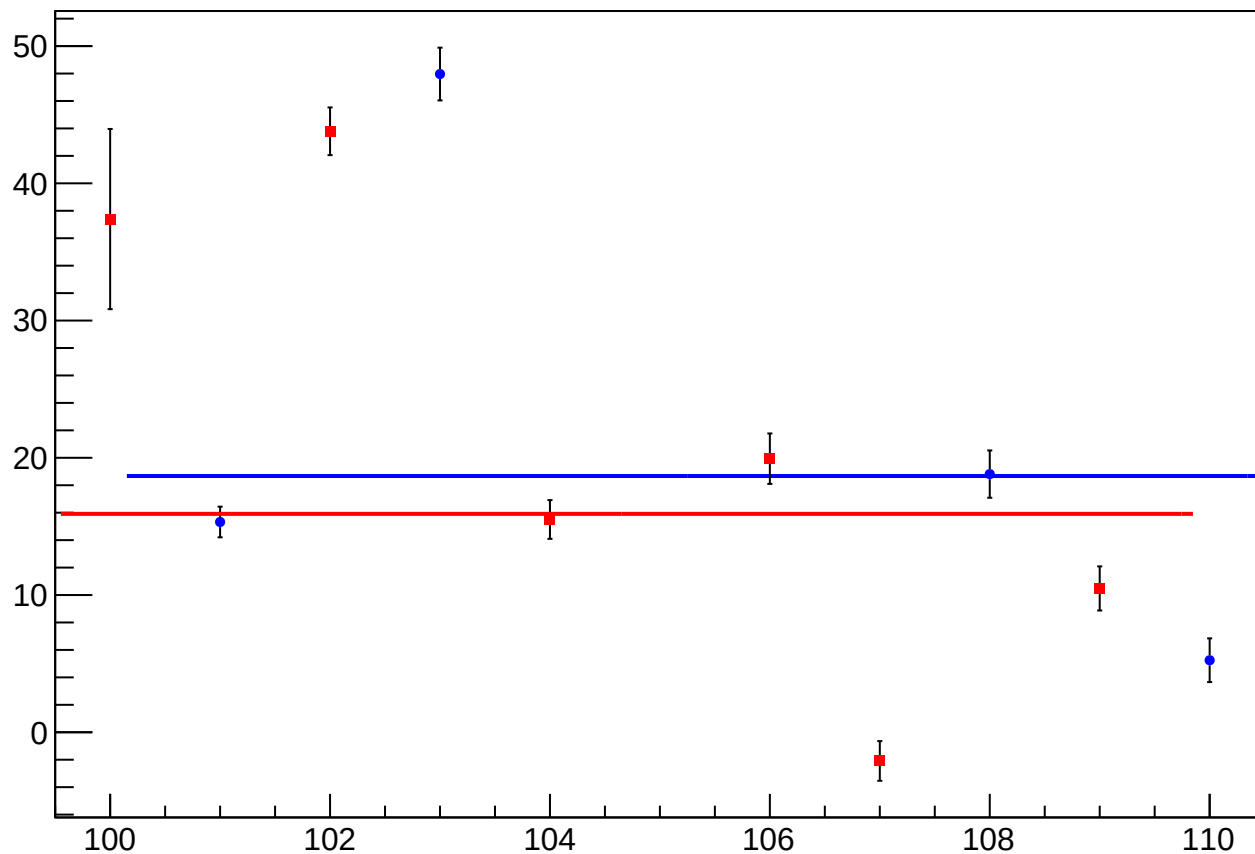
Right: 3.804+/-0.477 χ^2/NDF : 170.9/9

In: 5.573+/-0.710 χ^2/NDF : 65.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.804+/-0.477 χ^2/NDF : 170.9/9

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.672 $\pm$ 0.745 χ^2 /NDF: 312.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.914 $\pm$ 0.704 χ^2 /NDF: 439.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

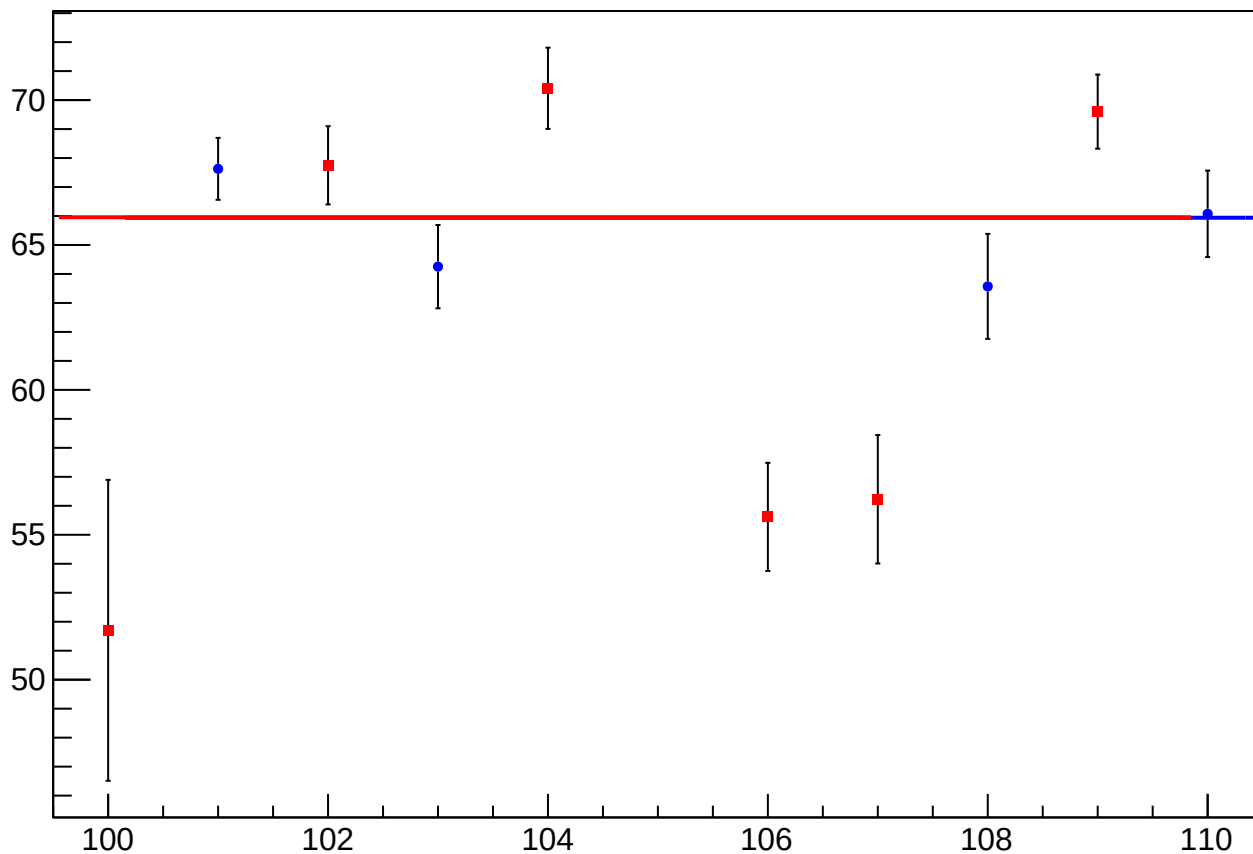
Right: 17.216 $\pm$ 0.512 χ^2 /NDF: 758.8/9

In: 18.672 $\pm$ 0.745 χ^2 /NDF: 312.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.216 $\pm$ 0.512 χ^2 /NDF: 758.8/9

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 65.940+/-0.688 χ^2/NDF : 5.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.956+/-0.675 χ^2/NDF : 77.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

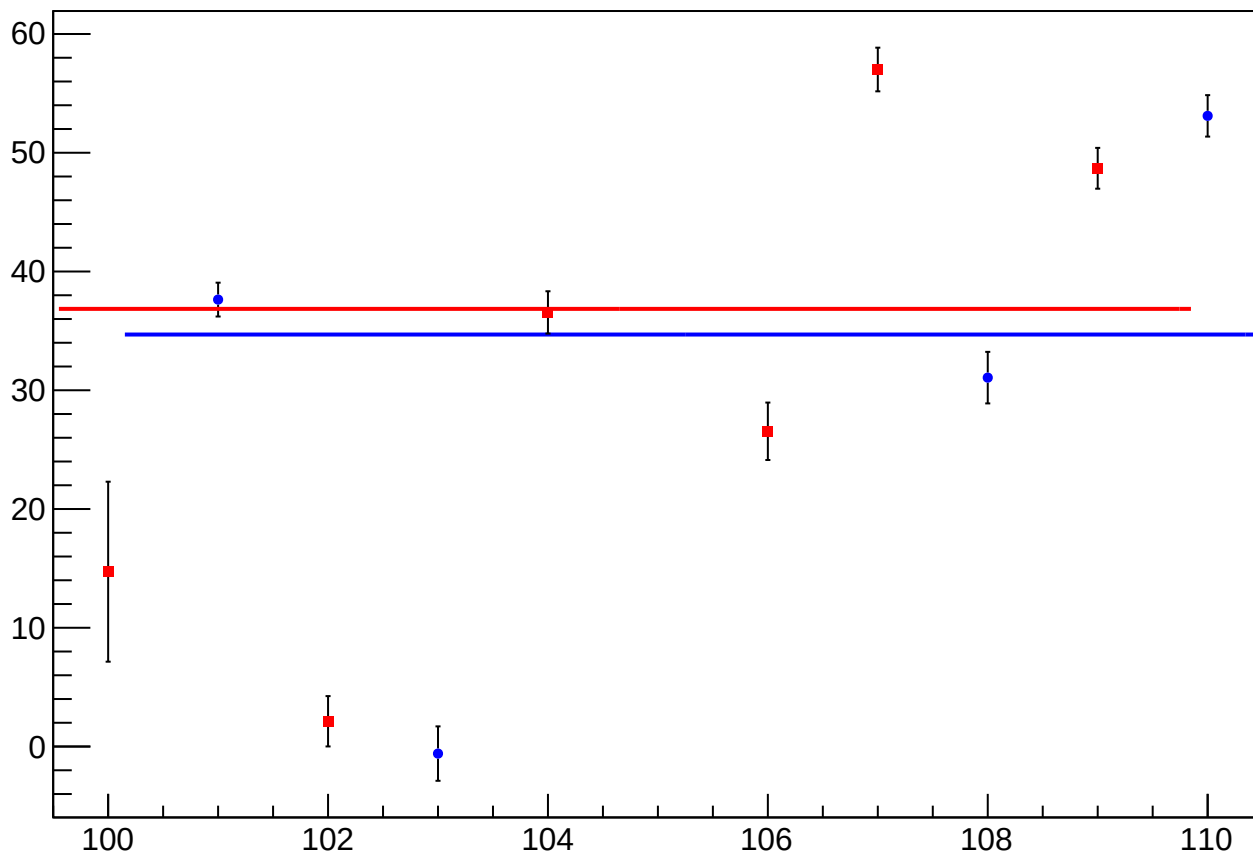
Right: 65.948+/-0.482 χ^2/NDF : 83.1/9

In: 65.940+/-0.688 χ^2/NDF : 5.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.948+/-0.482 χ^2/NDF : 83.1/9

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 34.693 $\pm$ 0.904 χ^2 /NDF: 355.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.853 $\pm$ 0.857 χ^2 /NDF: 462.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

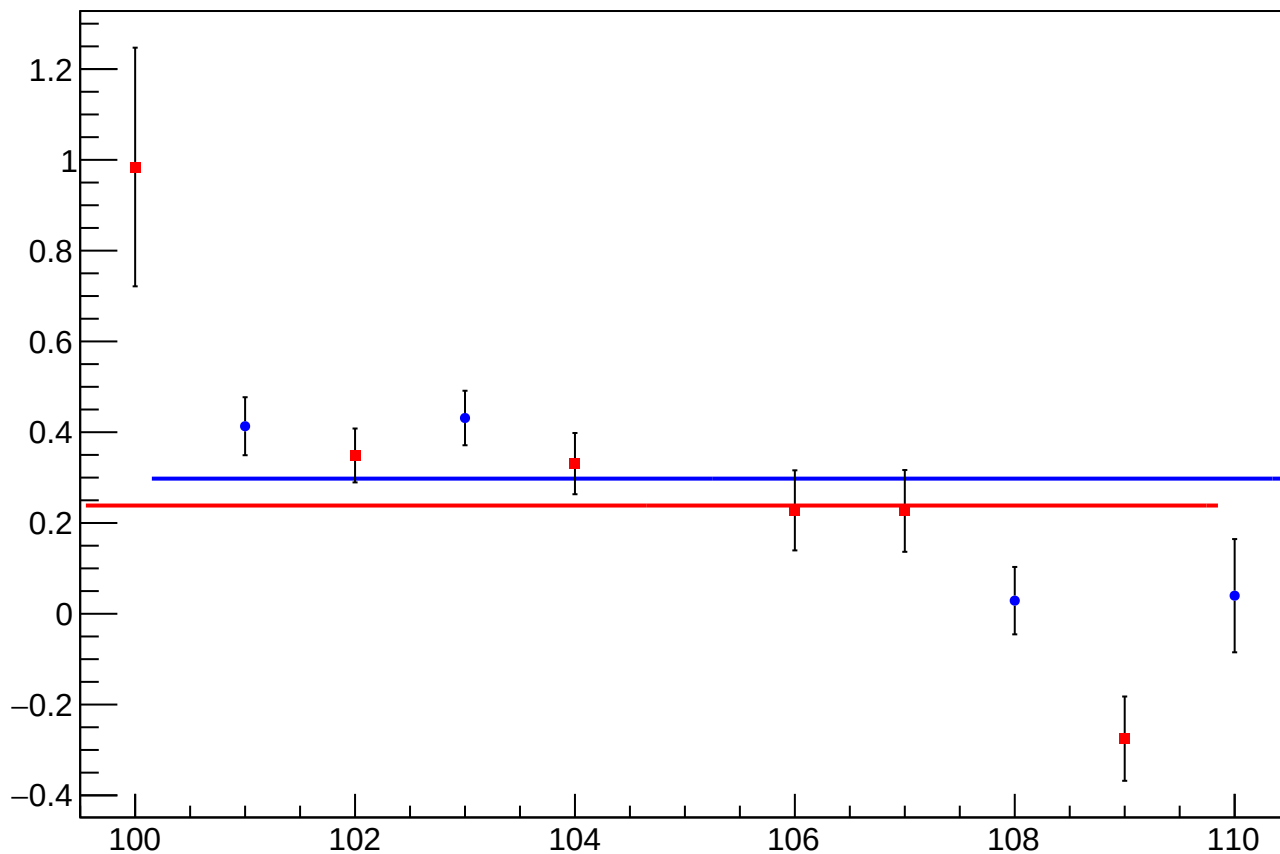
Right: 35.830 $\pm$ 0.622 χ^2 /NDF: 821.2/9

In: 34.693 $\pm$ 0.904 χ^2 /NDF: 355.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.830 $\pm$ 0.622 χ^2 /NDF: 821.2/9

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.298 $\pm$ 0.036 χ^2 /NDF: 25.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.238 $\pm$ 0.034 χ^2 /NDF: 44.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

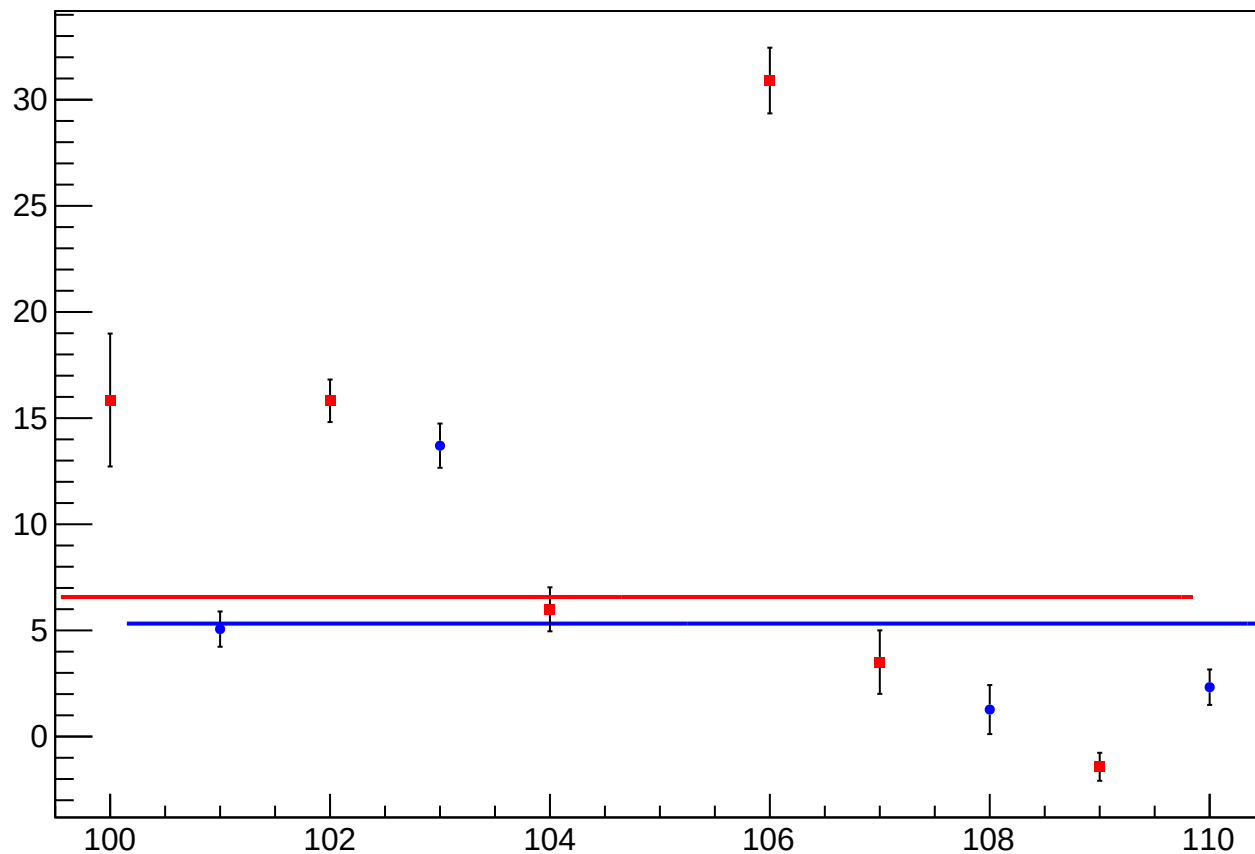
Right: 0.266 $\pm$ 0.025 χ^2 /NDF: 71.0/9

In: 0.298 $\pm$ 0.036 χ^2 /NDF: 25.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.266 $\pm$ 0.025 χ^2 /NDF: 71.0/9

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.321+/-0.468 χ^2/NDF : 90.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.573+/-0.439 χ^2/NDF : 492.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

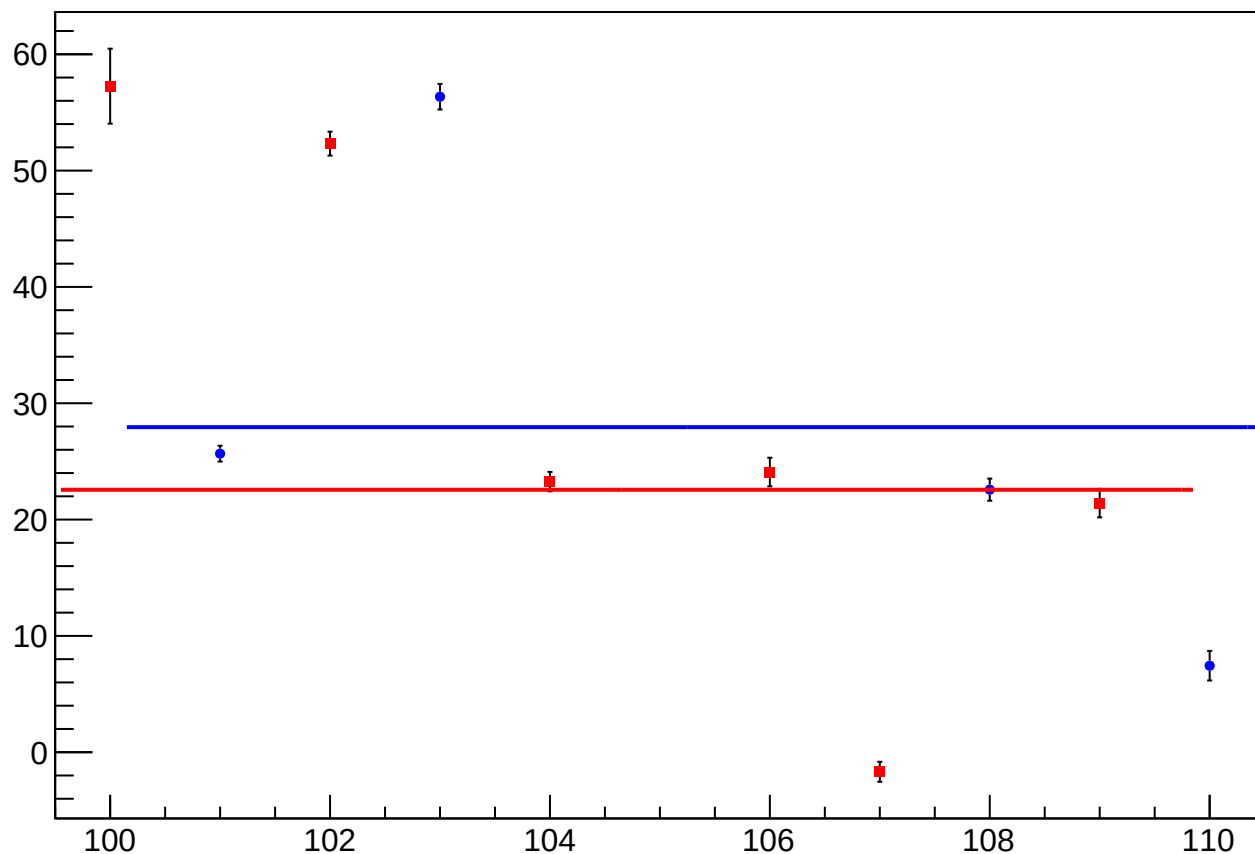
Right: 5.988+/-0.320 χ^2/NDF : 586.4/9

In: 5.321+/-0.468 χ^2/NDF : 90.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.988+/-0.320 χ^2/NDF : 586.4/9

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 27.945 $\pm$ 0.460 χ^2 /NDF: 973.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.562 $\pm$ 0.440 χ^2 /NDF: 1753.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

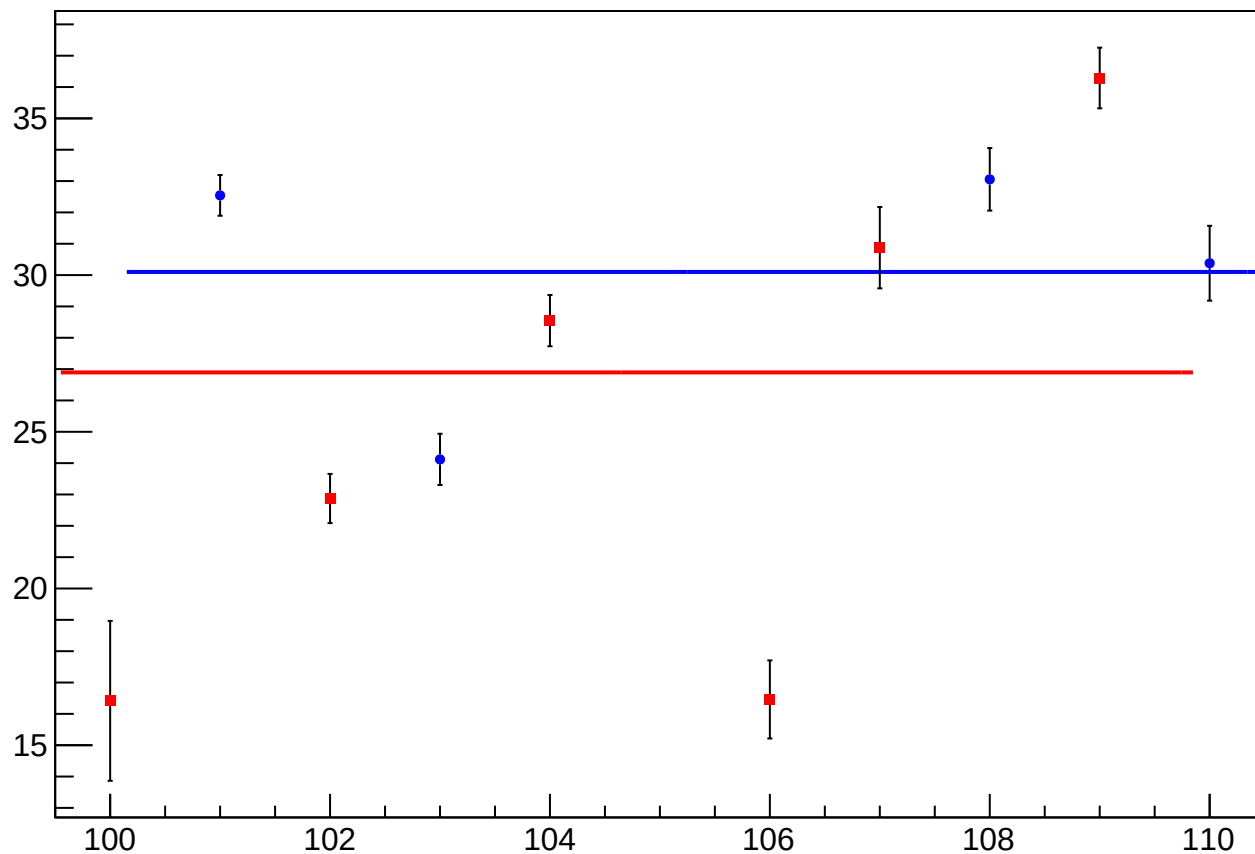
Right: 25.135 $\pm$ 0.318 χ^2 /NDF: 2797.8/9

In: 27.945 $\pm$ 0.460 χ^2 /NDF: 973.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.135 $\pm$ 0.318 χ^2 /NDF: 2797.8/9

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.100+/-0.424 χ^2/NDF : 76.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.894+/-0.423 χ^2/NDF : 221.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

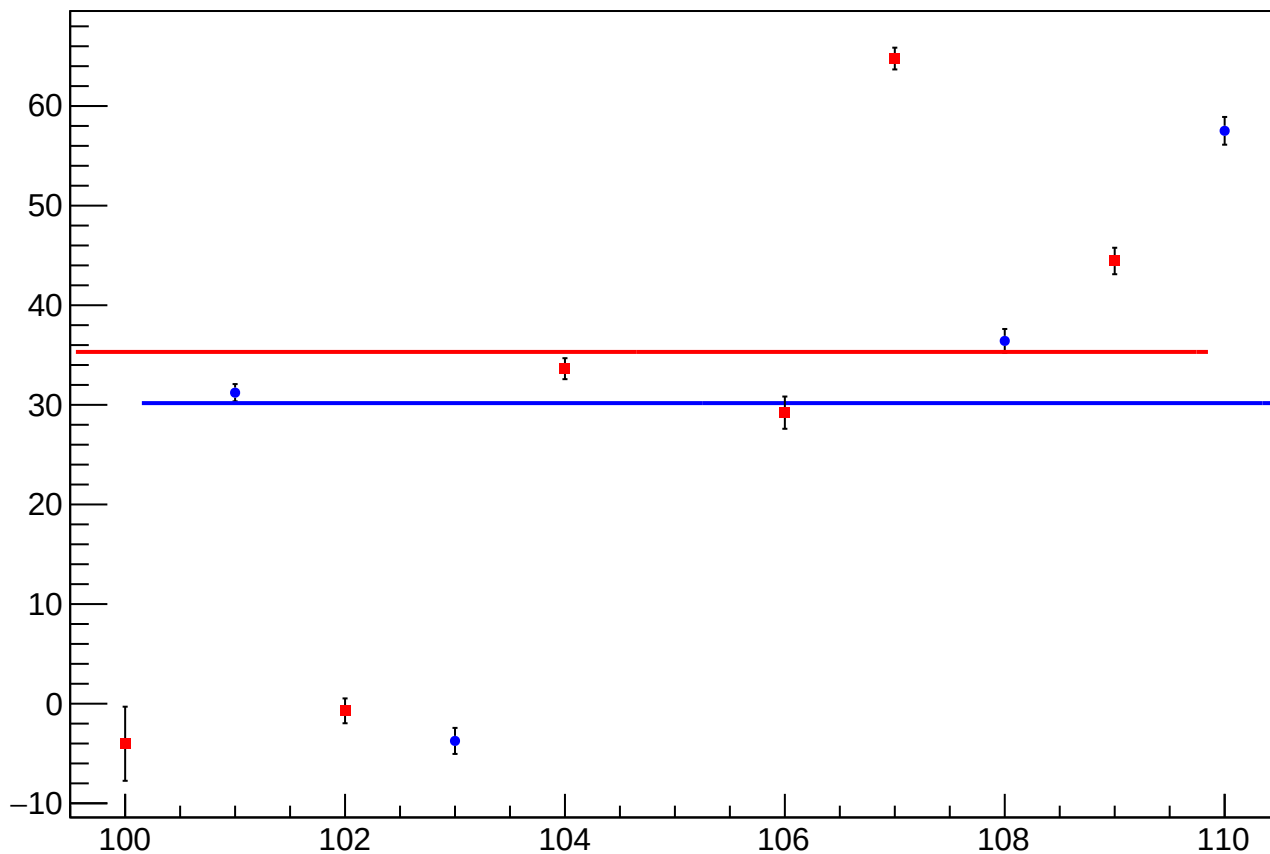
Right: 28.495+/-0.300 χ^2/NDF : 326.1/9

In: 30.100+/-0.424 χ^2/NDF : 76.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.495+/-0.300 χ^2/NDF : 326.1/9

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.175+/-0.565 χ^2/NDF : 1086.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.314+/-0.542 χ^2/NDF : 1737.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

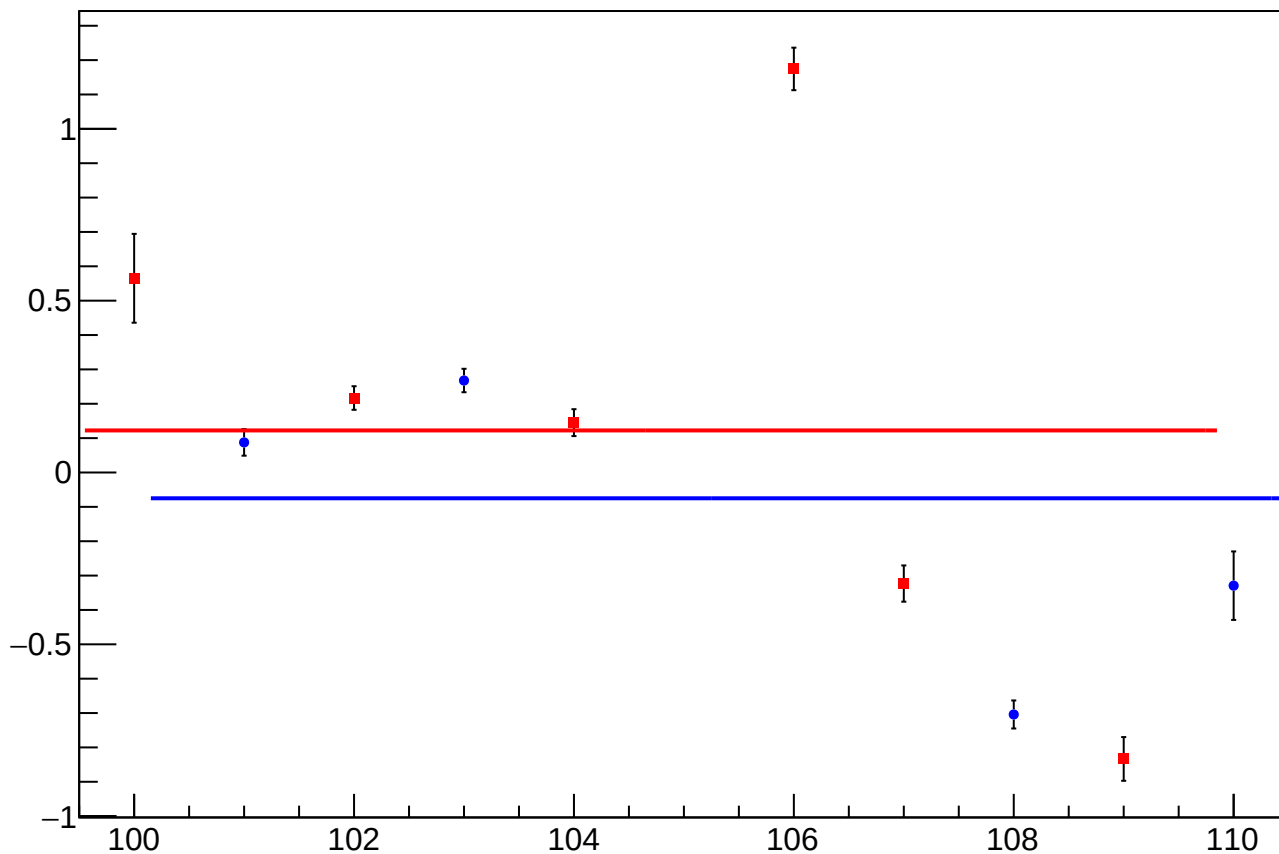
Right: 32.848+/-0.391 χ^2/NDF : 2867.1/9

In: 30.175+/-0.565 χ^2/NDF : 1086.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.848+/-0.391 χ^2/NDF : 2867.1/9

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.075 $\pm$ 0.021 χ^2 /NDF: 363.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.122 $\pm$ 0.020 χ^2 /NDF: 606.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

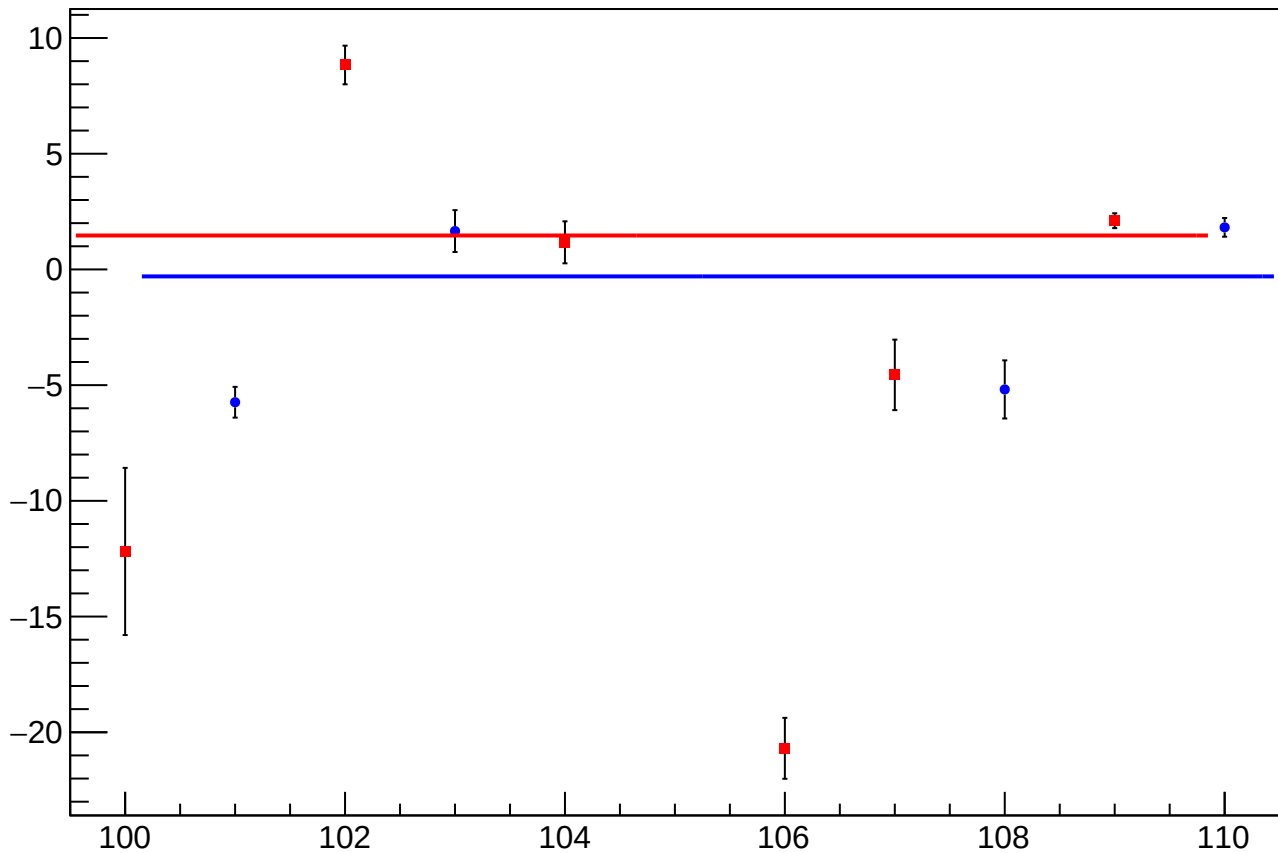
Right: 0.028 $\pm$ 0.015 χ^2 /NDF: 1014.5/9

In: -0.075 $\pm$ 0.021 χ^2 /NDF:363.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.015 χ^2 /NDF: 1014.5/9

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.301 ± 0.312 χ^2/NDF : 114.3/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.466 ± 0.273 χ^2/NDF : 394.8/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

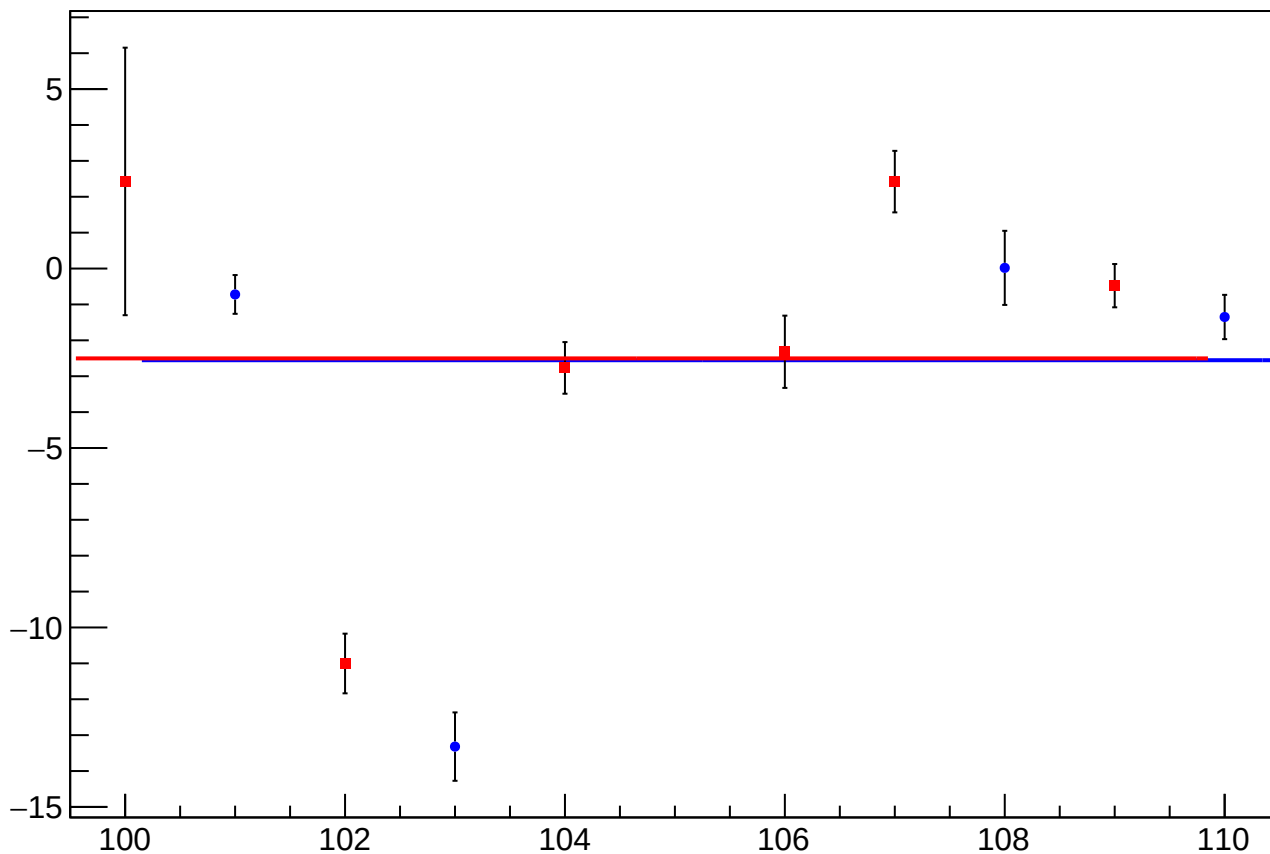
Right: 0.701 ± 0.205 χ^2/NDF : 527.3/9

In: -0.301 ± 0.312 χ^2/NDF : 114.3/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.701 ± 0.205 χ^2/NDF : 527.3/9

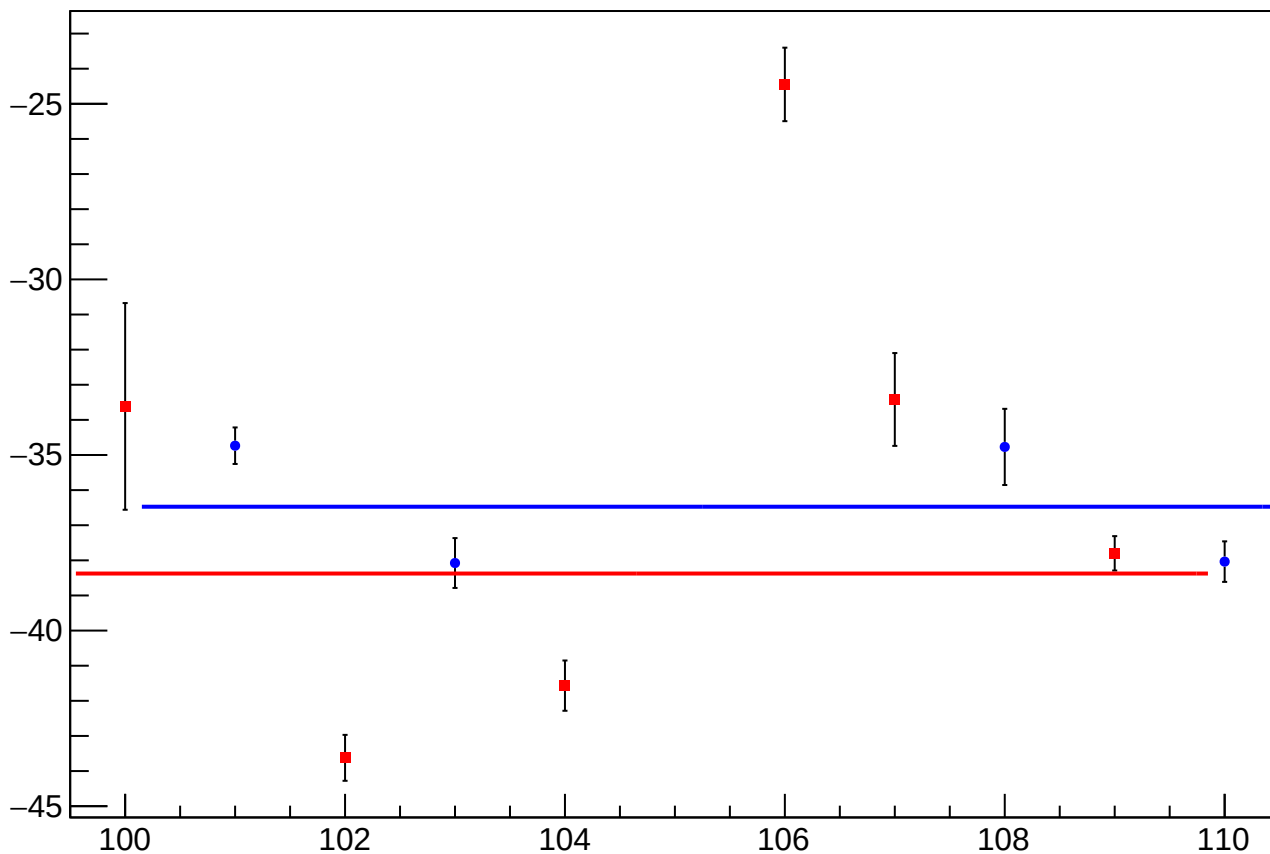
reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.554+/-0.351 χ^2/NDF : 149.2/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.503+/-0.342 χ^2/NDF : 150.8/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -2.528+/-0.245 χ^2/NDF : 300.0/9
 In: -2.554+/-0.351 χ^2/NDF : 149.2/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.528+/-0.245 χ^2/NDF : 300.0/9

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.473+/-0.324 χ^2/NDF : 26.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.375+/-0.315 χ^2/NDF : 279.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

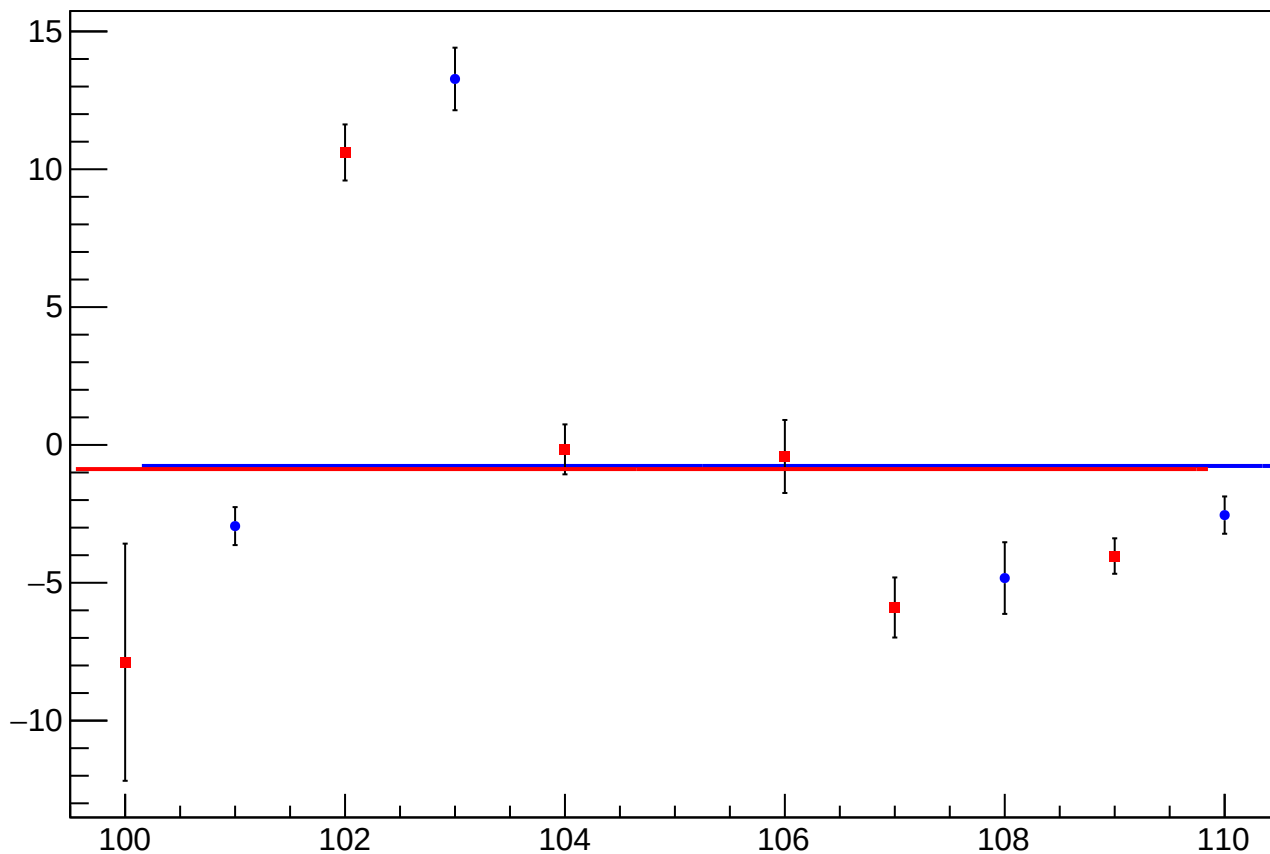
Right: -37.450+/-0.226 χ^2/NDF : 323.3/9

In: -36.473+/-0.324 χ^2/NDF : 26.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.450+/-0.226 χ^2/NDF : 323.3/9

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.762+/-0.420 χ^2/NDF : 179.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.875+/-0.406 χ^2/NDF : 176.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

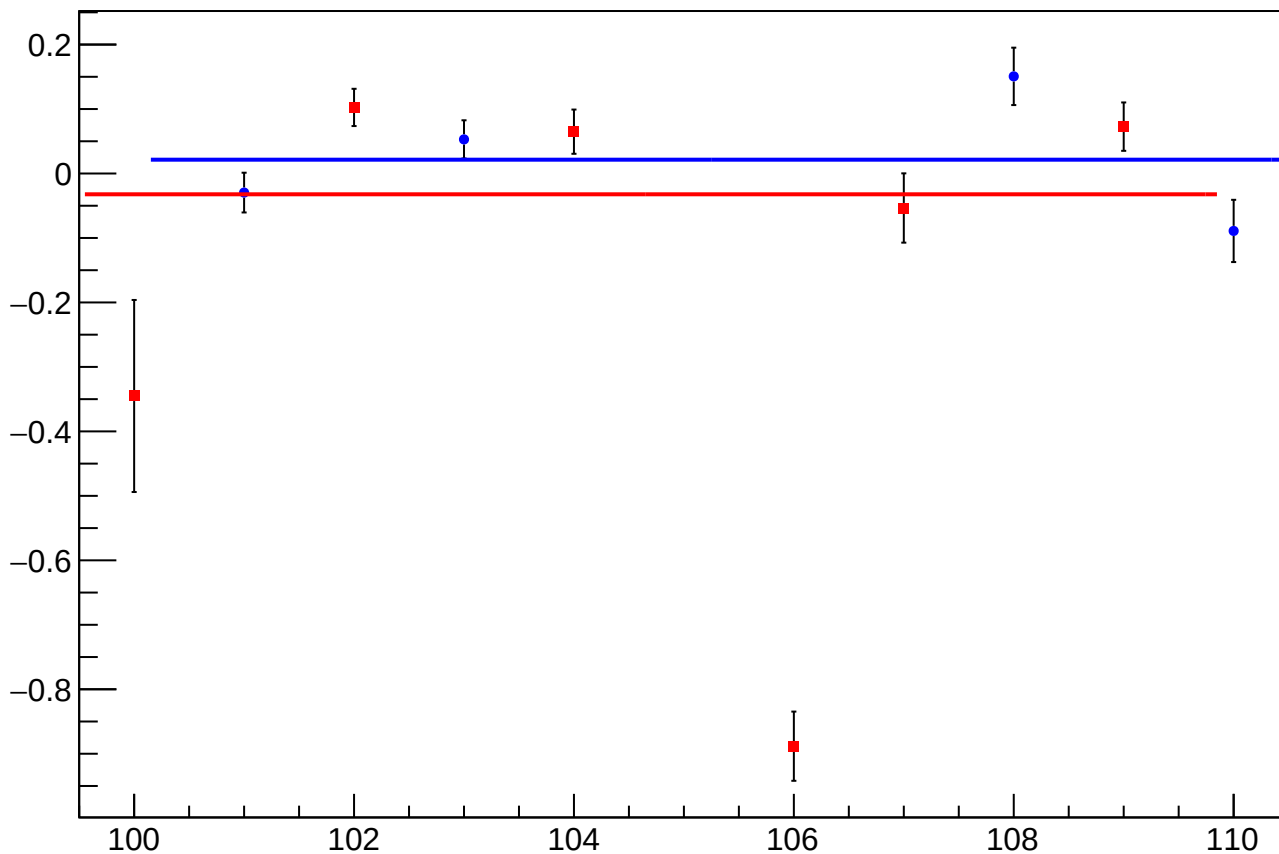
Right: -0.821+/-0.292 χ^2/NDF : 355.9/9

In: -0.762+/-0.420 χ^2/NDF :179.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.821+/-0.292 χ^2/NDF : 355.9/9

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.018 χ^2 /NDF: 17.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.032+/-0.017 χ^2 /NDF: 296.5/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

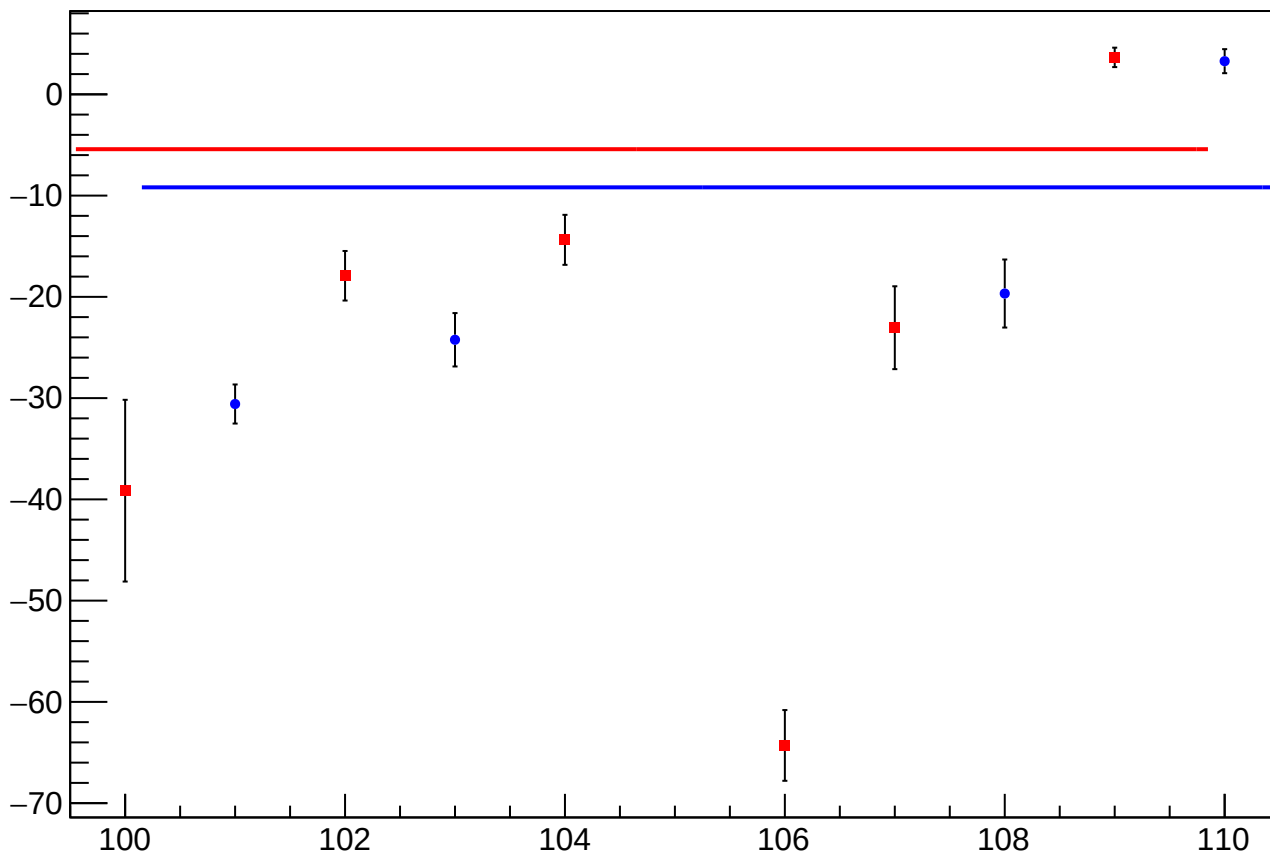
Right: -0.007+/-0.012 χ^2 /NDF: 318.8/9

In: 0.021+/-0.018 χ^2 /NDF:17.5/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.007+/-0.012 χ^2 /NDF: 318.8/9

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -9.185+/-0.909 χ^2/NDF : 275.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.417+/-0.798 χ^2/NDF : 445.5/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

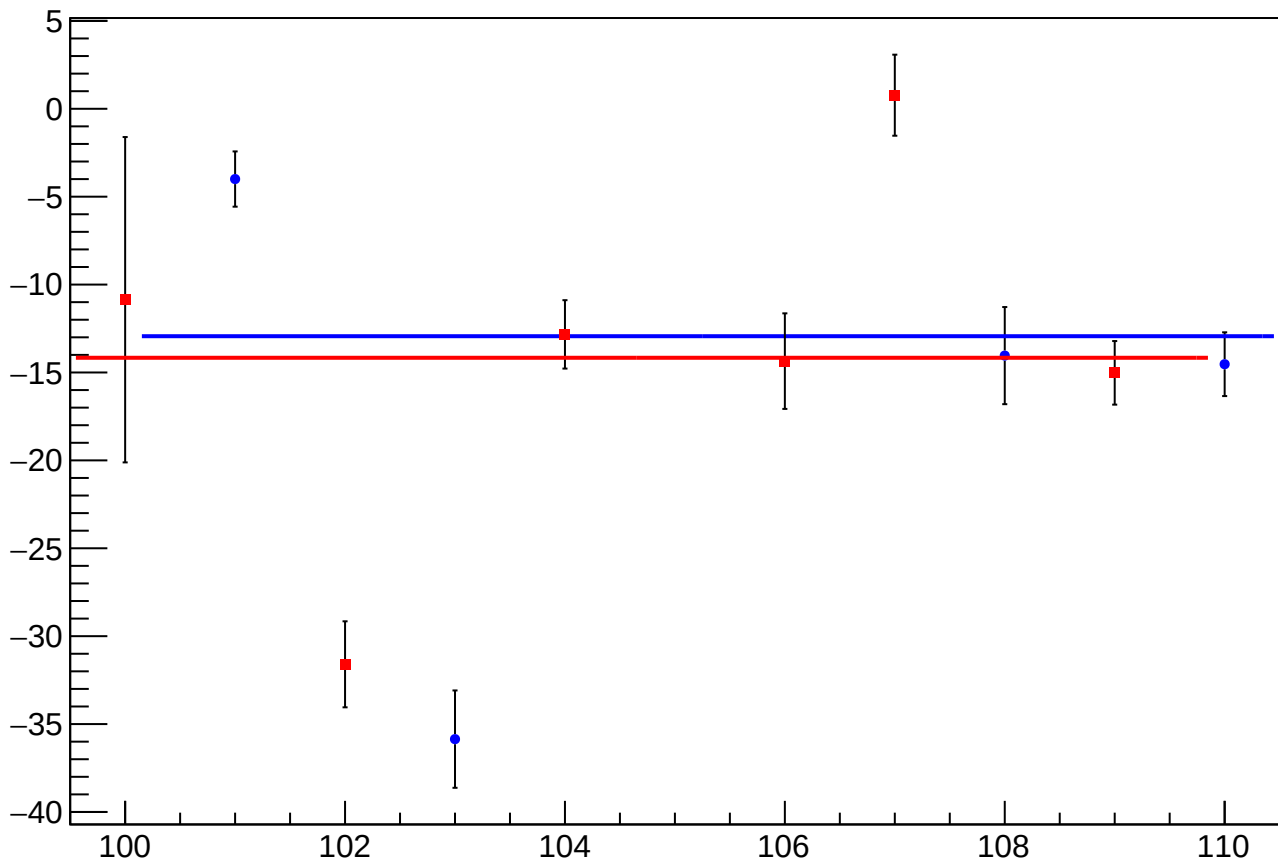
Right: -7.056+/-0.599 χ^2/NDF : 730.7/9

In: -9.185+/-0.909 χ^2/NDF :275.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.056+/-0.599 χ^2/NDF : 730.7/9

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.937 $\pm$ 1.015 χ^2 /NDF: 101.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.163 $\pm$ 0.966 χ^2 /NDF: 93.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

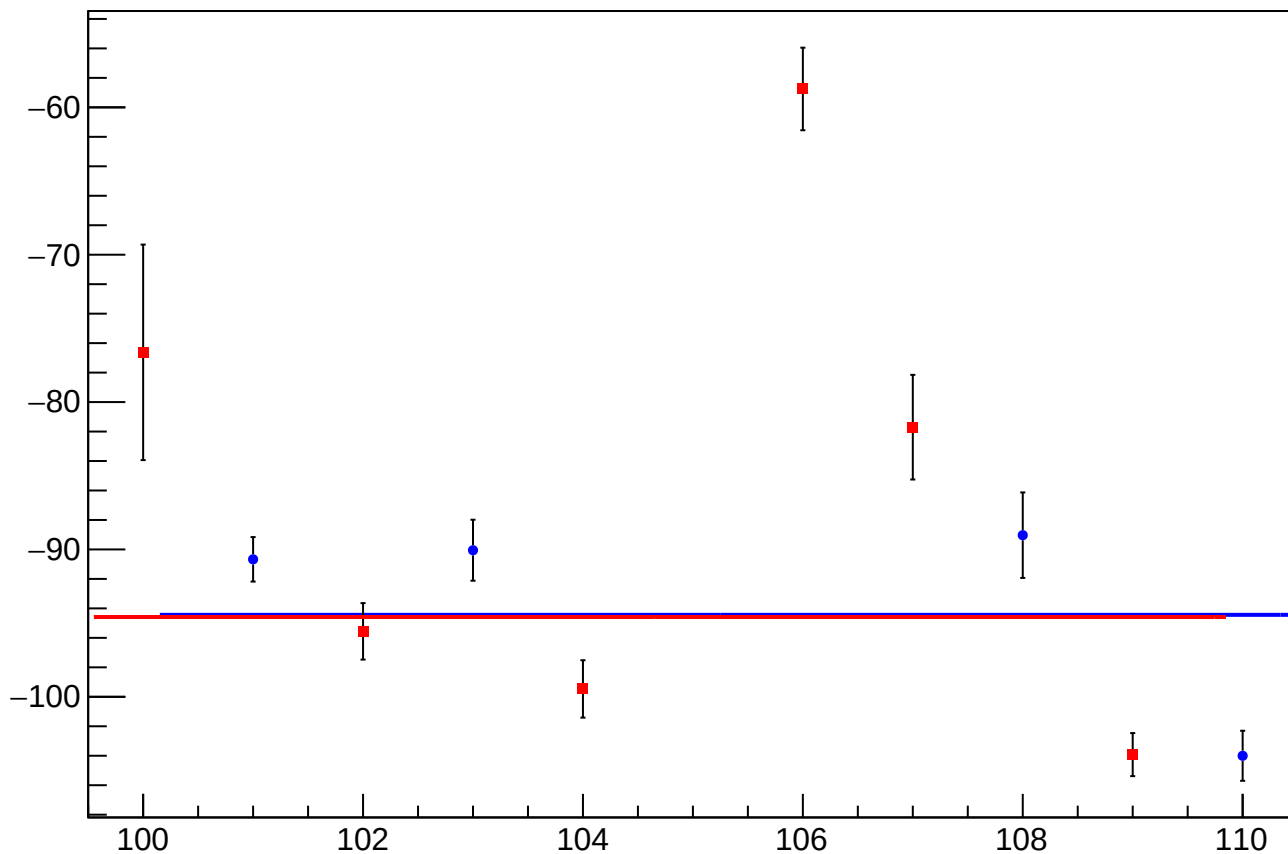
Right: -13.581 $\pm$ 0.700 χ^2 /NDF: 196.2/9

In: -12.937 $\pm$ 1.015 χ^2 /NDF:101.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.581 $\pm$ 0.700 χ^2 /NDF: 196.2/9

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -94.438+/-0.937 χ^2/NDF : 45.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -94.586+/-0.902 χ^2/NDF : 230.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

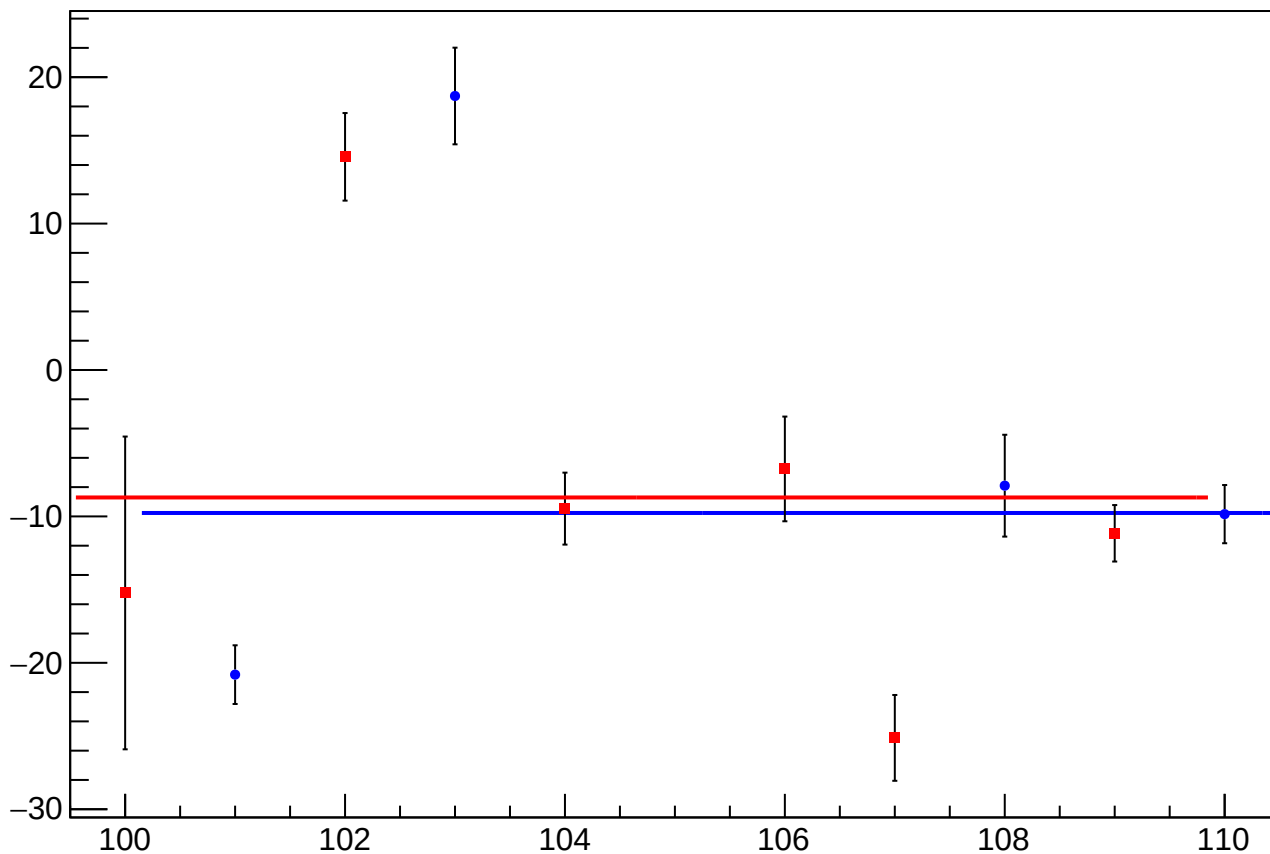
Right: -94.515+/-0.650 χ^2/NDF : 276.1/9

In: -94.438+/-0.937 χ^2/NDF : 45.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -94.515+/-0.650 χ^2/NDF : 276.1/9

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.766+/-1.216 χ^2/NDF : 105.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.706+/-1.155 χ^2/NDF : 94.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

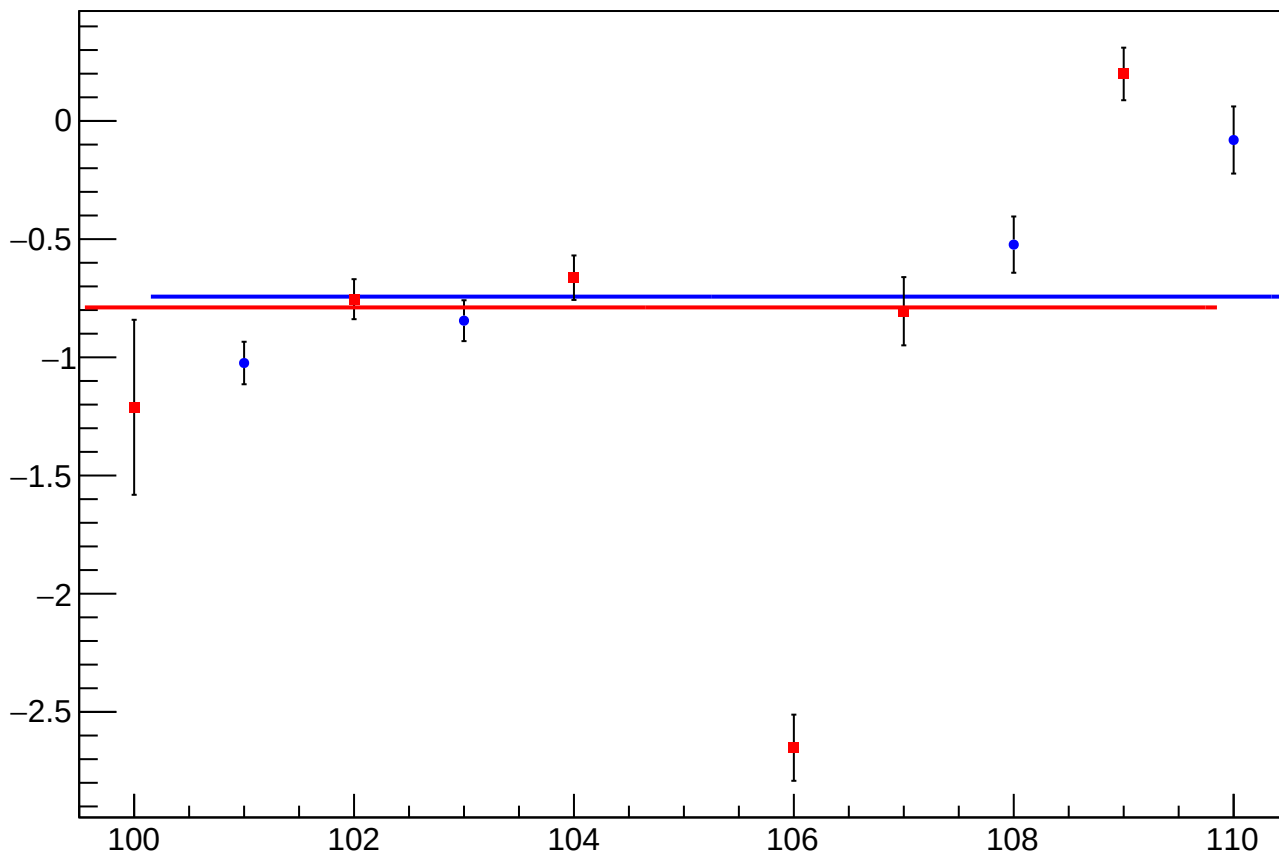
Right: -9.209+/-0.837 χ^2/NDF : 199.8/9

In: -9.766+/-1.216 χ^2/NDF : 105.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.209+/-0.837 χ^2/NDF : 199.8/9

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.743+/-0.051 χ^2/NDF : 36.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.789+/-0.048 χ^2/NDF : 259.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

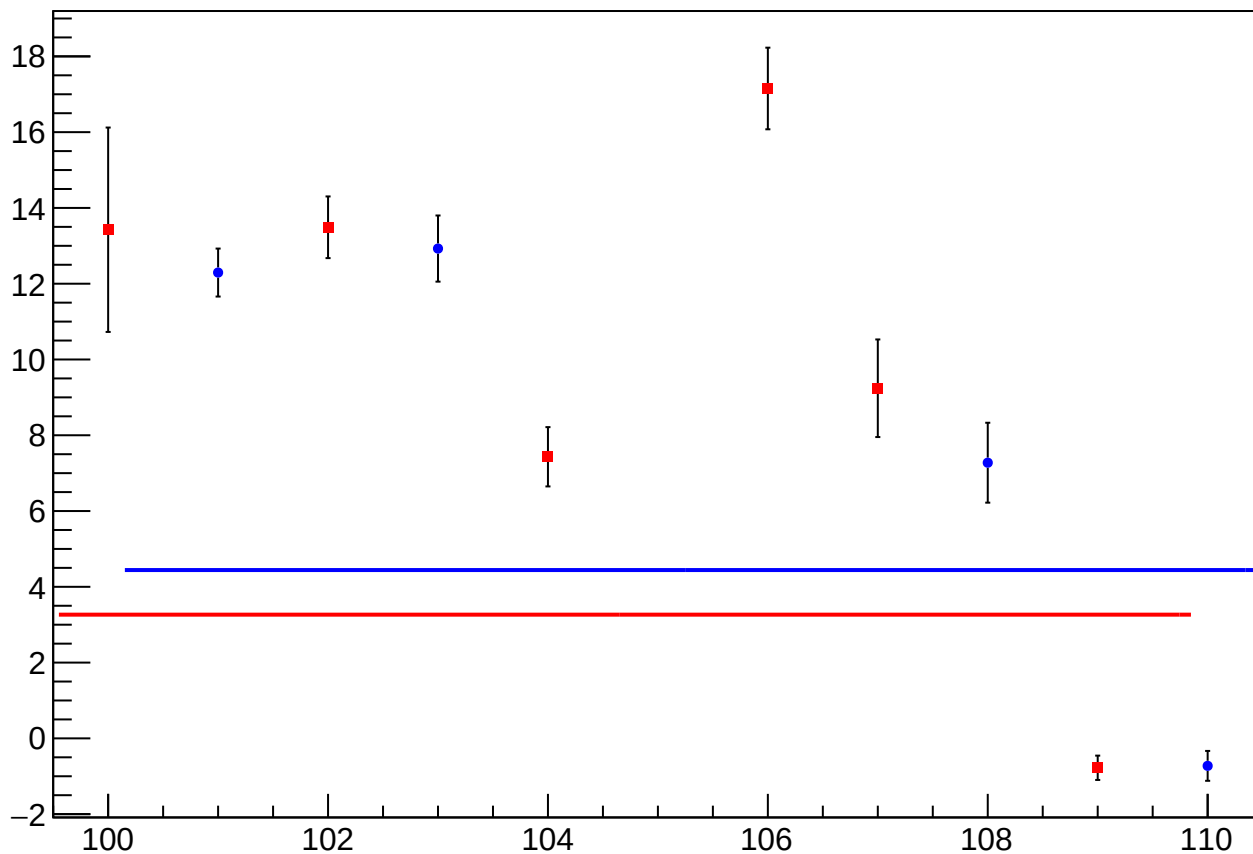
Right: -0.768+/-0.035 χ^2/NDF : 296.1/9

In: -0.743+/-0.051 χ^2/NDF : 36.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.768+/-0.035 χ^2/NDF : 296.1/9

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.442 $\pm$ 0.300 χ^2 /NDF: 427.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.265 $\pm$ 0.263 χ^2 /NDF: 546.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

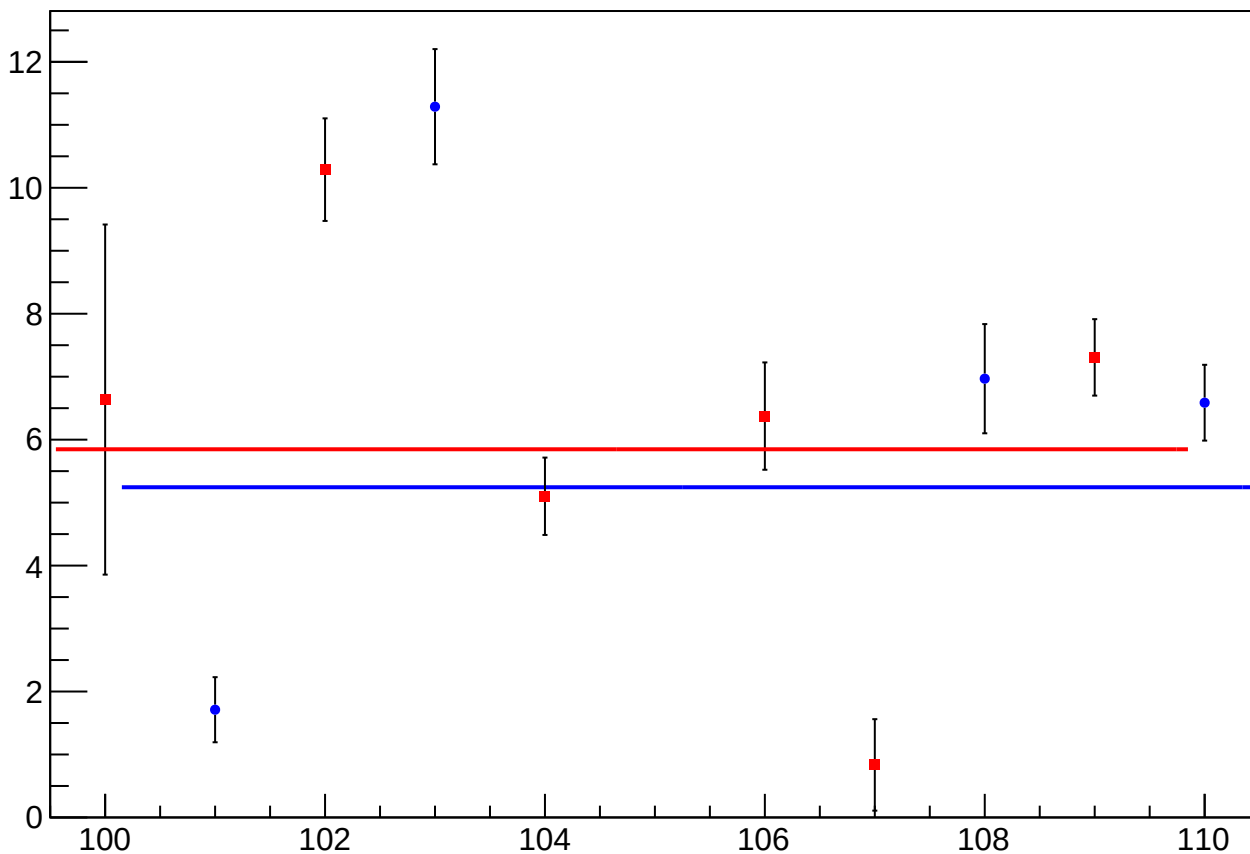
Right: 3.778 $\pm$ 0.198 χ^2 /NDF: 982.7/9

In: 4.442 $\pm$ 0.300 χ^2 /NDF:427.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.778 $\pm$ 0.198 χ^2 /NDF: 982.7/9

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.244+/-0.333 χ^2/NDF : 99.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.847+/-0.312 χ^2/NDF : 85.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

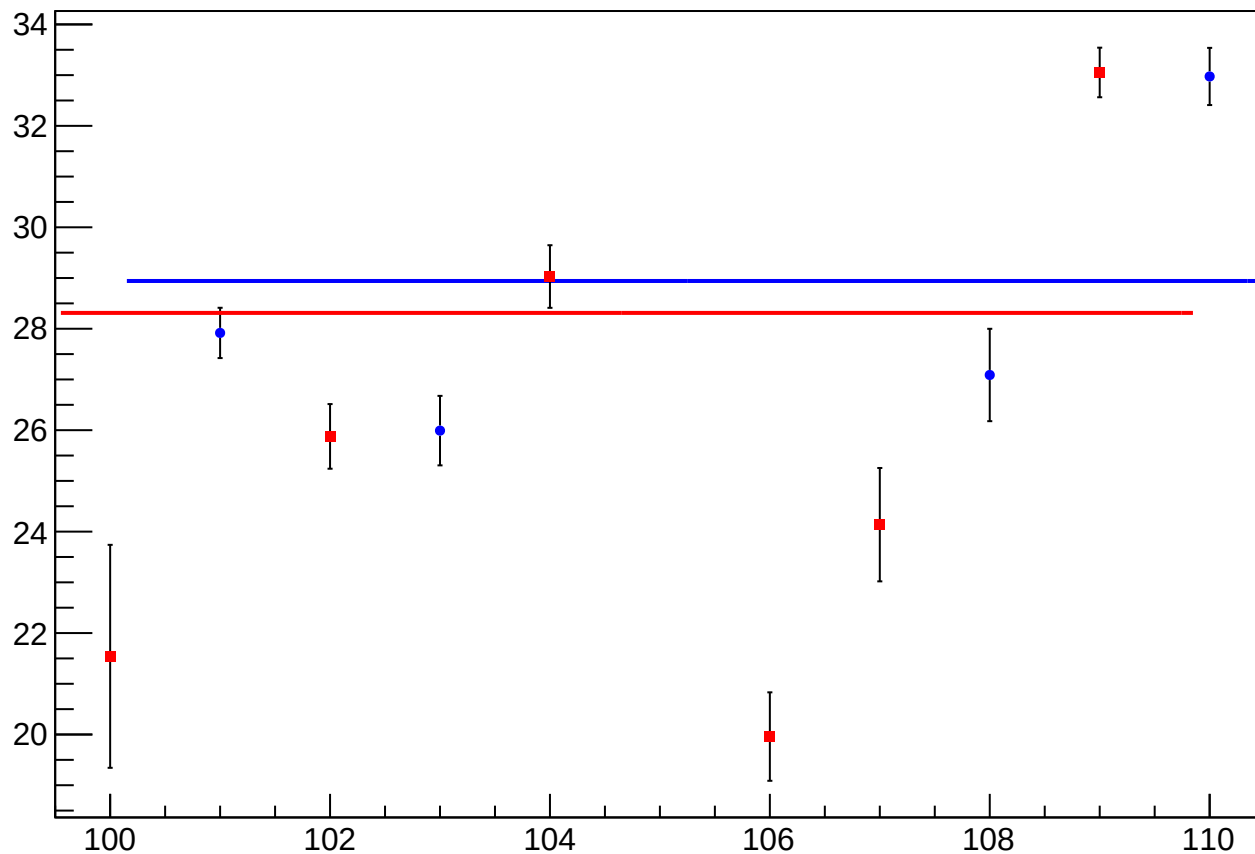
Right: 5.565+/-0.228 χ^2/NDF : 186.1/9

In: 5.244+/-0.333 χ^2/NDF : 99.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.565+/-0.228 χ^2/NDF : 186.1/9

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 28.942 $\pm$ 0.308 χ^2 /NDF: 78.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.312 $\pm$ 0.294 χ^2 /NDF: 225.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

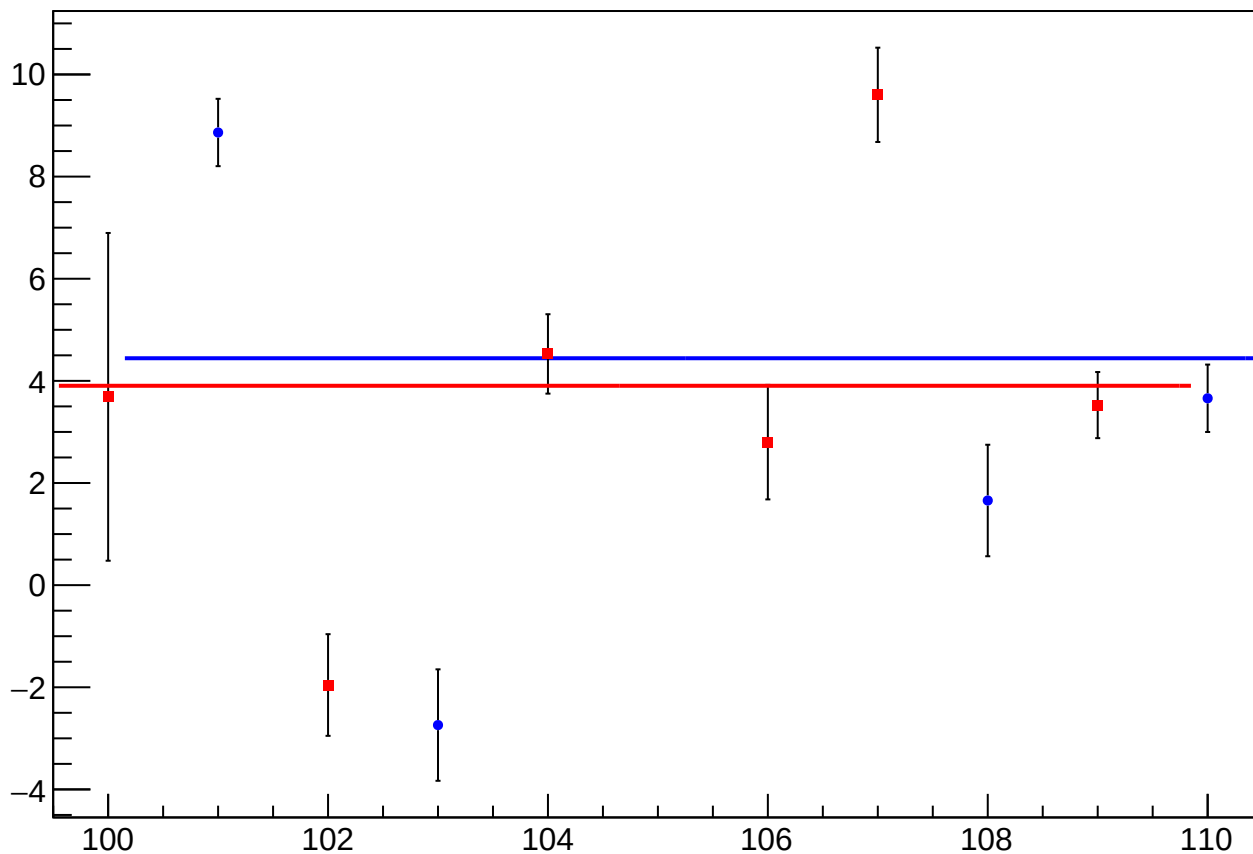
Right: 28.612 $\pm$ 0.212 χ^2 /NDF: 305.5/9

In: 28.942 $\pm$ 0.308 χ^2 /NDF:78.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.612 $\pm$ 0.212 χ^2 /NDF: 305.5/9

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.443+/-0.399 χ^2/NDF : 96.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.904+/-0.375 χ^2/NDF : 74.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

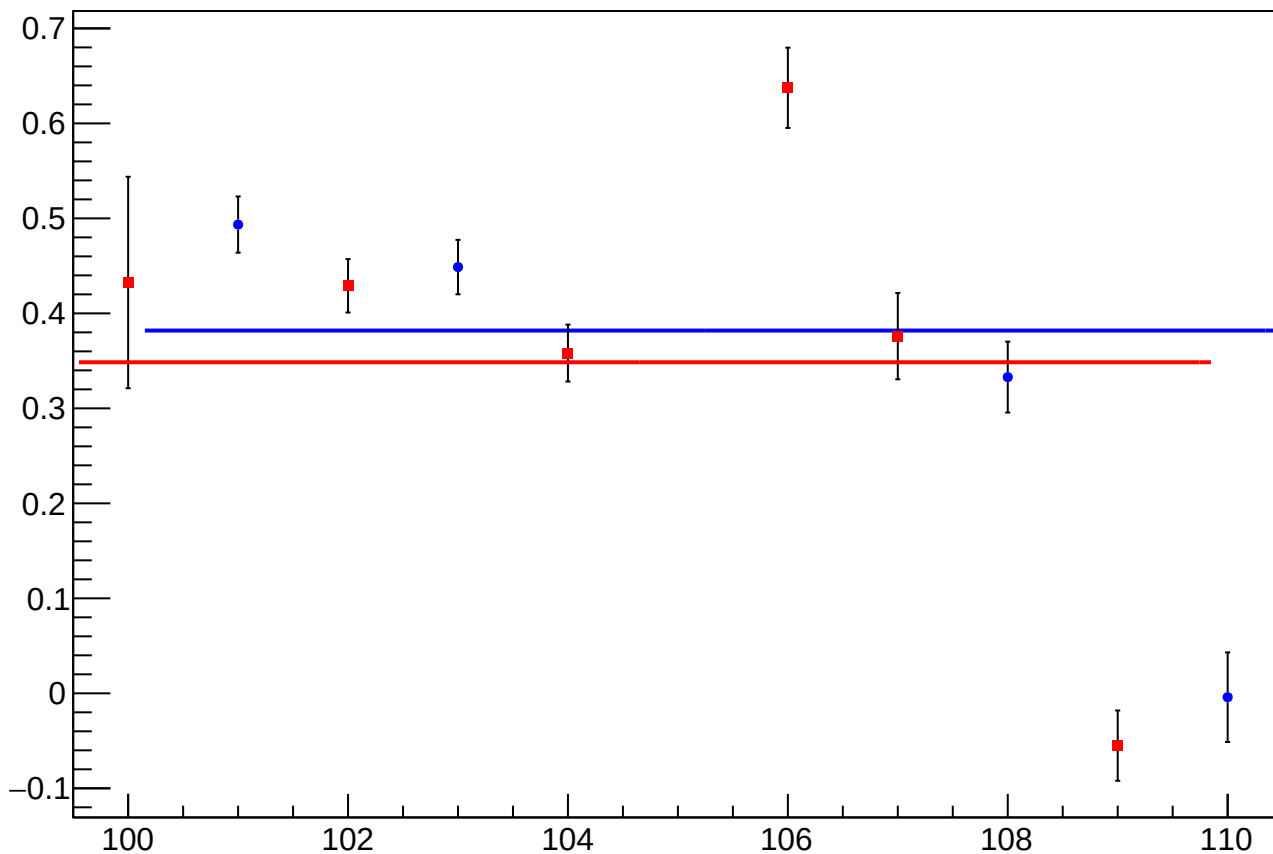
Right: 4.157+/-0.273 χ^2/NDF : 171.8/9

In: 4.443+/-0.399 χ^2/NDF : 96.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.157+/-0.273 χ^2/NDF : 171.8/9

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.017 χ^2 /NDF: 88.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.349 $\pm$ 0.015 χ^2 /NDF: 174.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

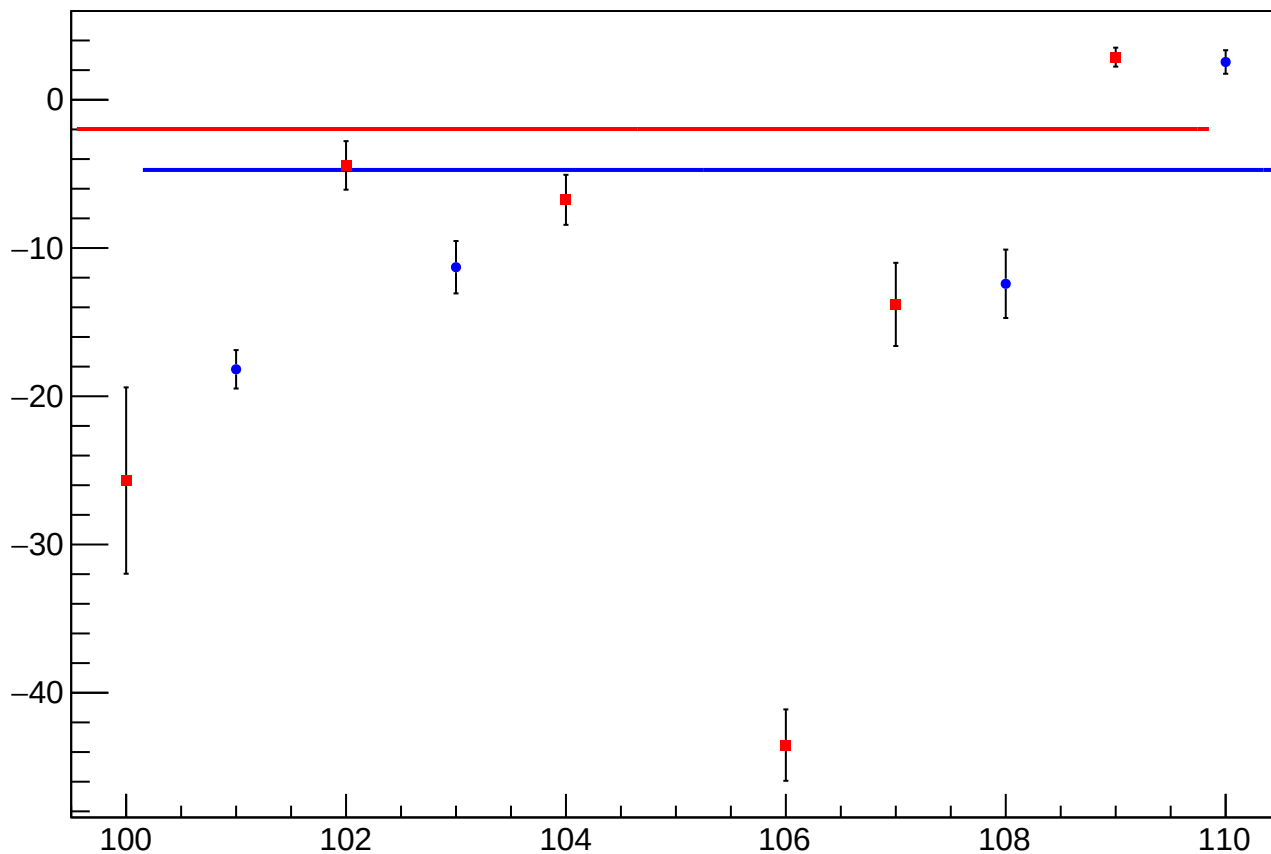
Right: 0.364 $\pm$ 0.011 χ^2 /NDF: 265.4/9

In: 0.382 $\pm$ 0.017 χ^2 /NDF:88.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.364 $\pm$ 0.011 χ^2 /NDF: 265.4/9

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.733+/-0.610 χ^2/NDF : 216.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.970+/-0.535 χ^2/NDF : 397.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

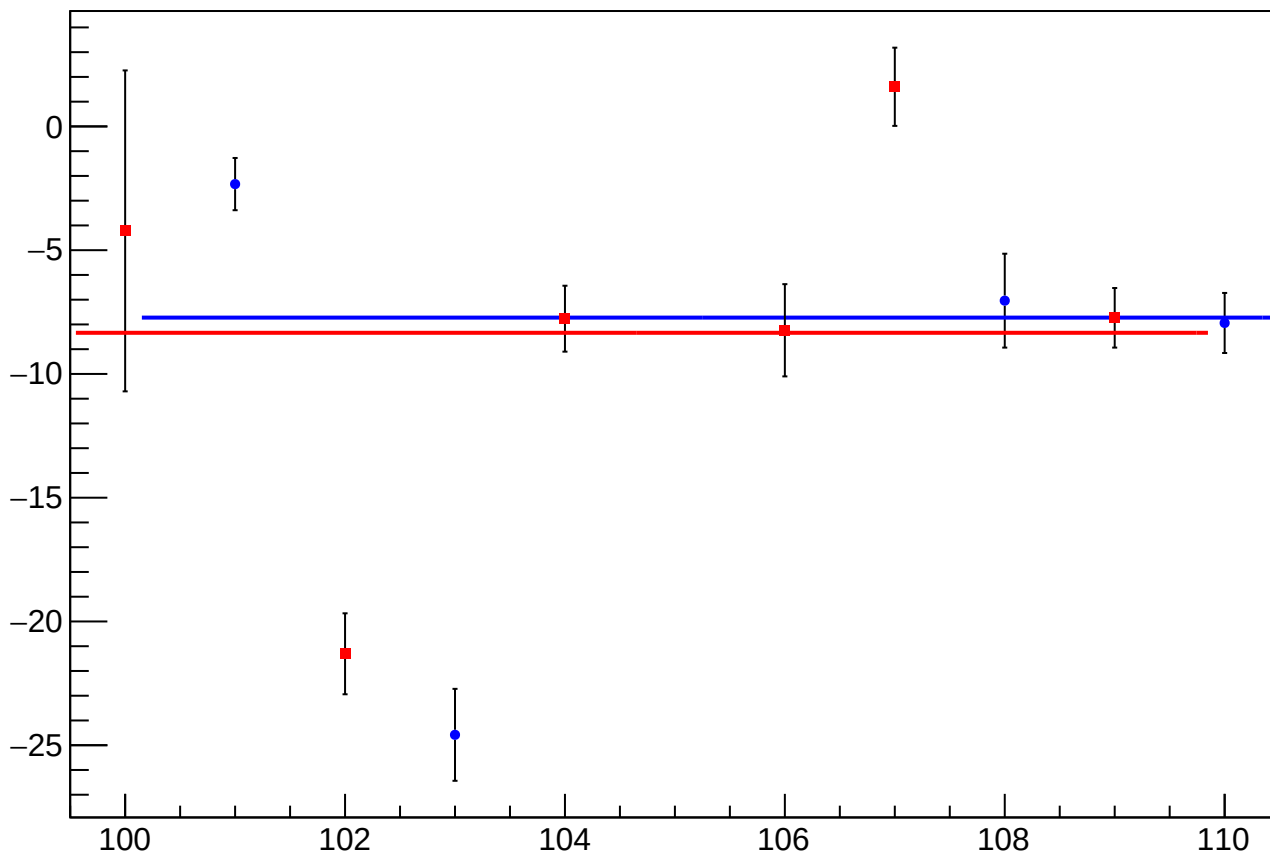
Right: -3.171+/-0.402 χ^2/NDF : 625.7/9

In: -4.733+/-0.610 χ^2/NDF : 216.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.171+/-0.402 χ^2/NDF : 625.7/9

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.724 $\pm$ 0.683 χ^2 /NDF: 108.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.338 $\pm$ 0.654 χ^2 /NDF: 103.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

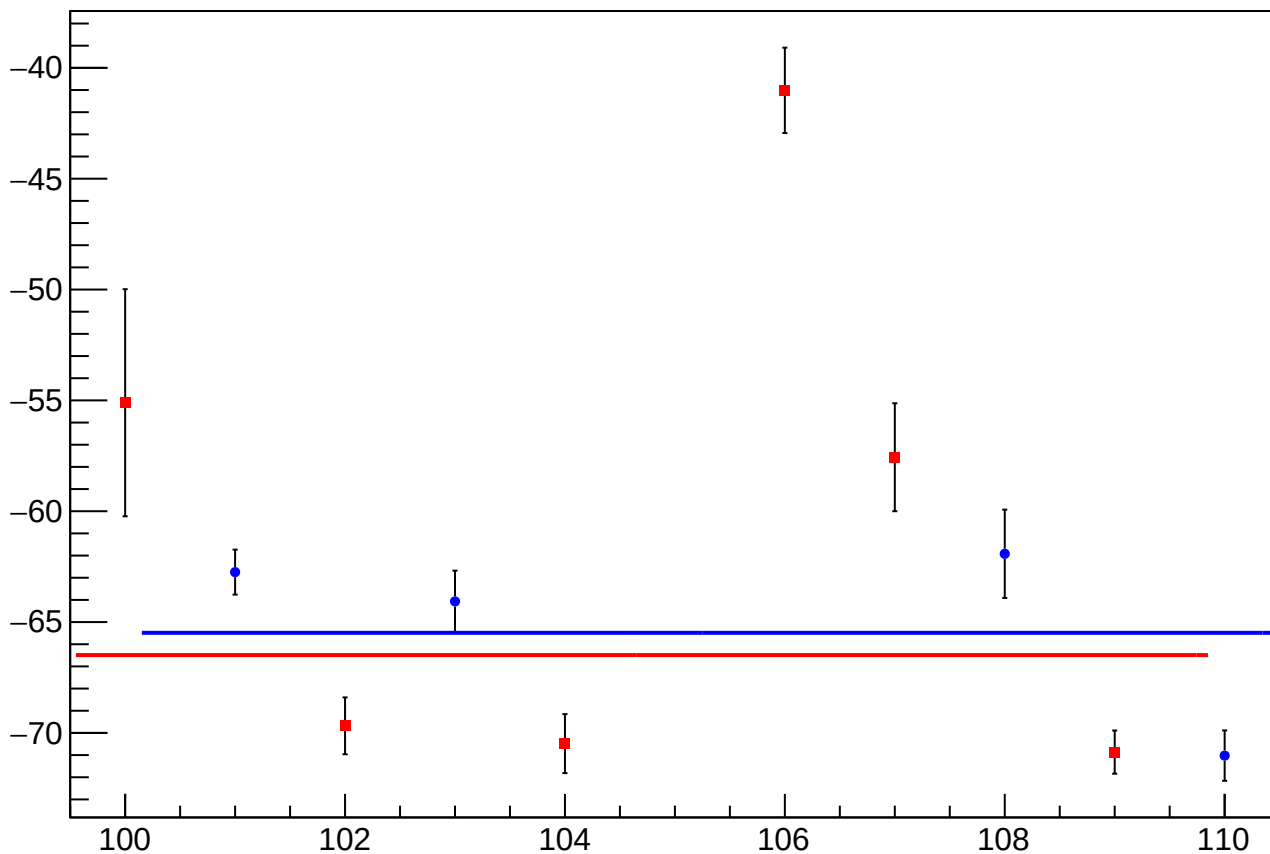
Right: -8.044 $\pm$ 0.472 χ^2 /NDF: 212.4/9

In: -7.724 $\pm$ 0.683 χ^2 /NDF:108.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.044 $\pm$ 0.472 χ^2 /NDF: 212.4/9

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -65.485 $\pm$ 0.630 χ^2 /NDF: 35.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.489 $\pm$ 0.608 χ^2 /NDF: 228.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

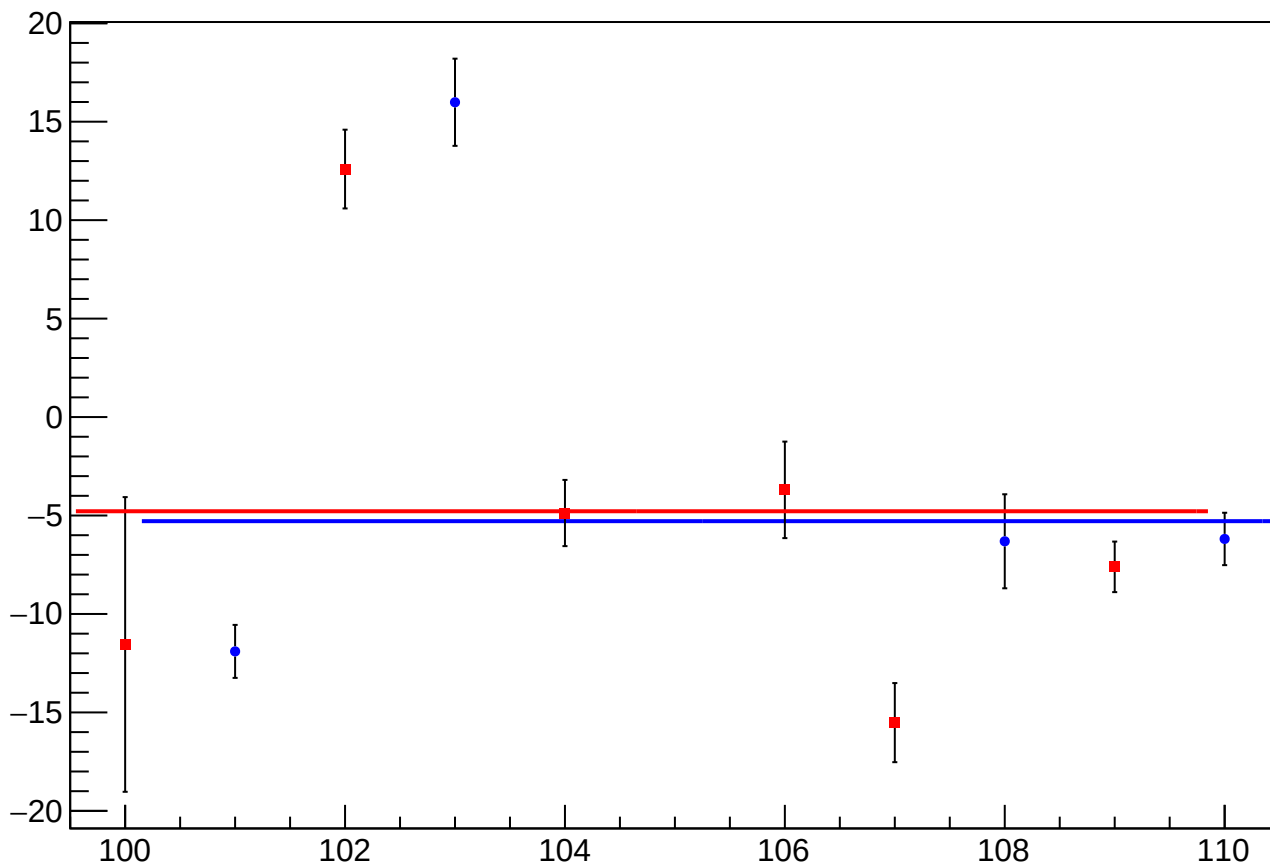
Right: -66.004 $\pm$ 0.438 χ^2 /NDF: 265.4/9

In: -65.485 $\pm$ 0.630 χ^2 /NDF: 35.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -66.004 $\pm$ 0.438 χ^2 /NDF: 265.4/9

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.287 $\pm$ 0.817 χ^2 /NDF: 117.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.784 $\pm$ 0.780 χ^2 /NDF: 109.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

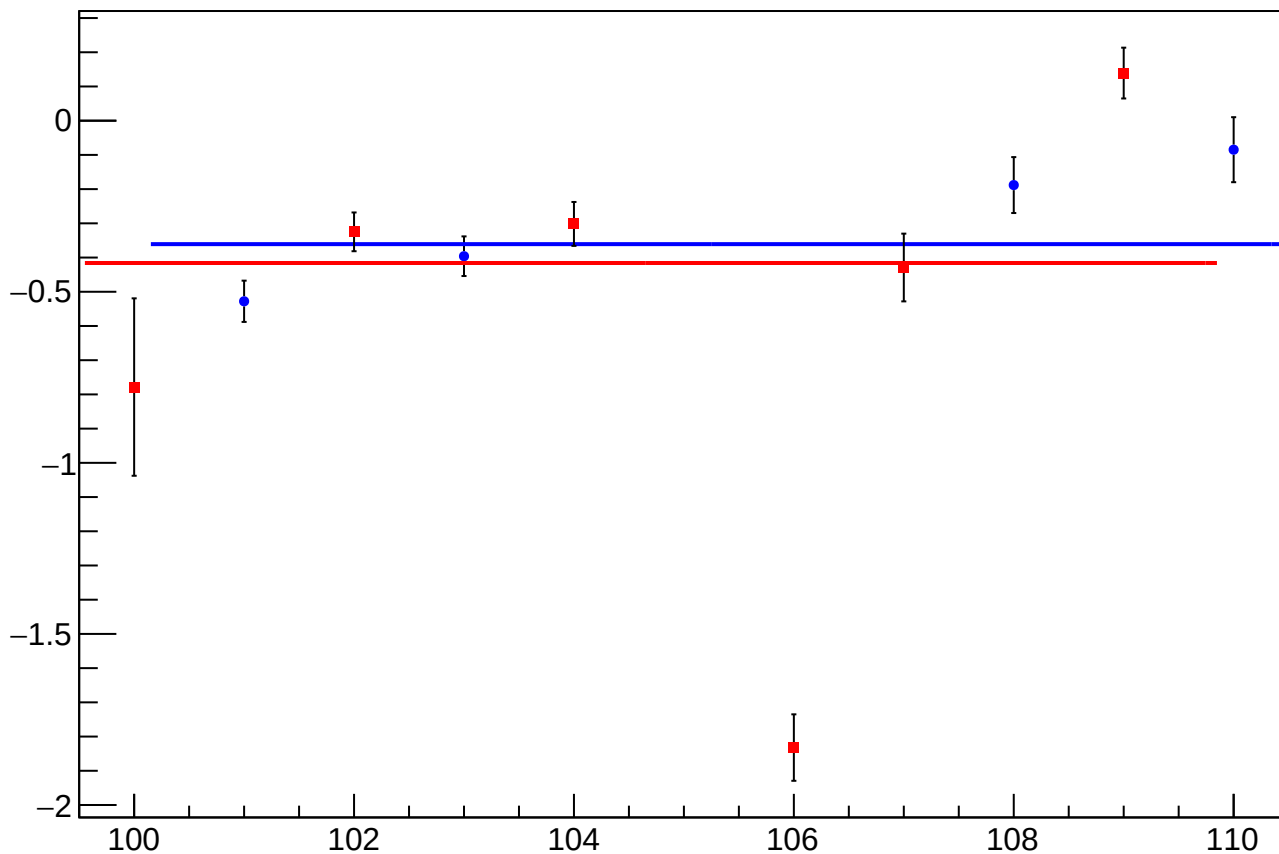
Right: -5.024 $\pm$ 0.564 χ^2 /NDF: 227.3/9

In: -5.287 $\pm$ 0.817 χ^2 /NDF:117.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.024 $\pm$ 0.564 χ^2 /NDF: 227.3/9

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.361 $\pm$ 0.035 χ^2 /NDF: 20.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.416 $\pm$ 0.032 χ^2 /NDF: 276.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

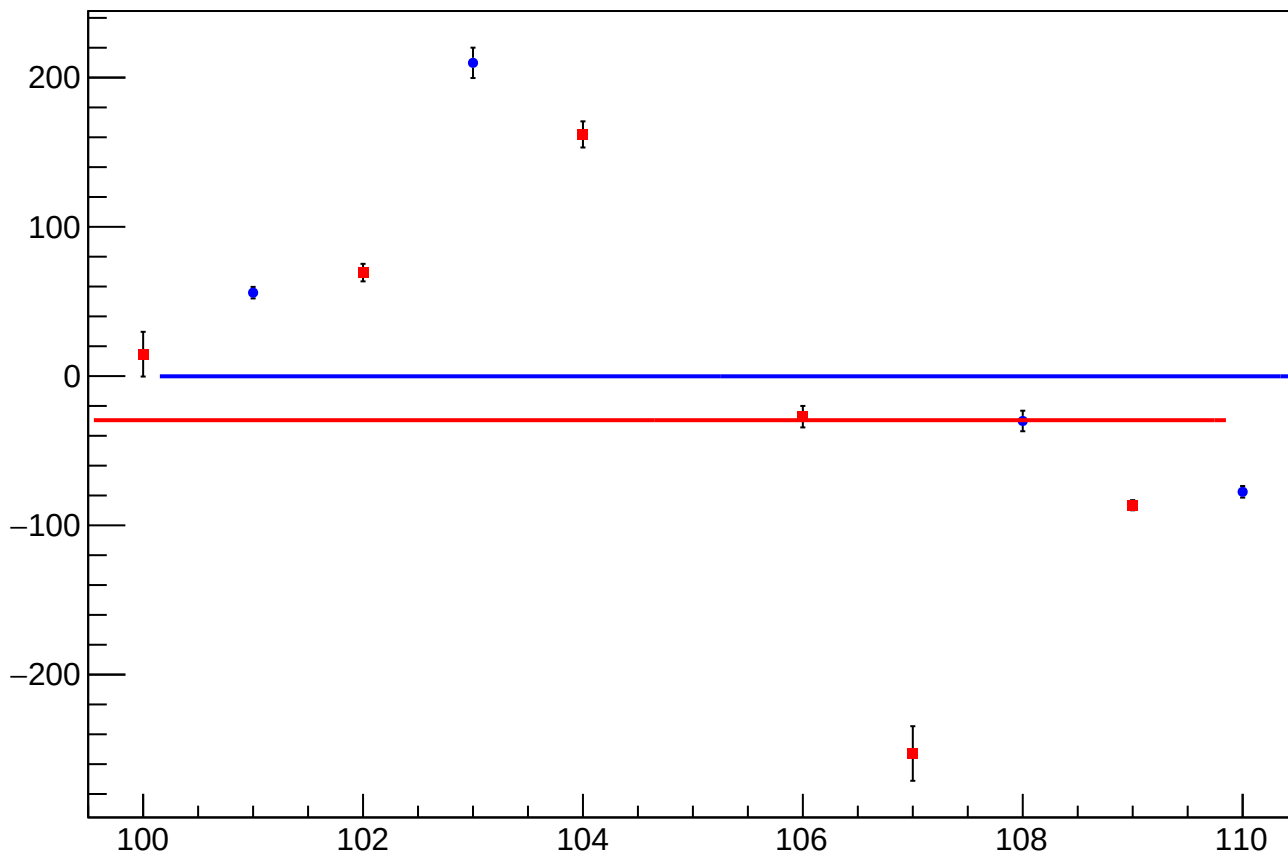
Right: -0.390 $\pm$ 0.024 χ^2 /NDF: 298.5/9

In: -0.361 $\pm$ 0.035 χ^2 /NDF:20.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.390 $\pm$ 0.024 χ^2 /NDF: 298.5/9

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.147 ± 2.467 χ^2/NDF : 1054.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.549 ± 2.535 χ^2/NDF : 1201.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

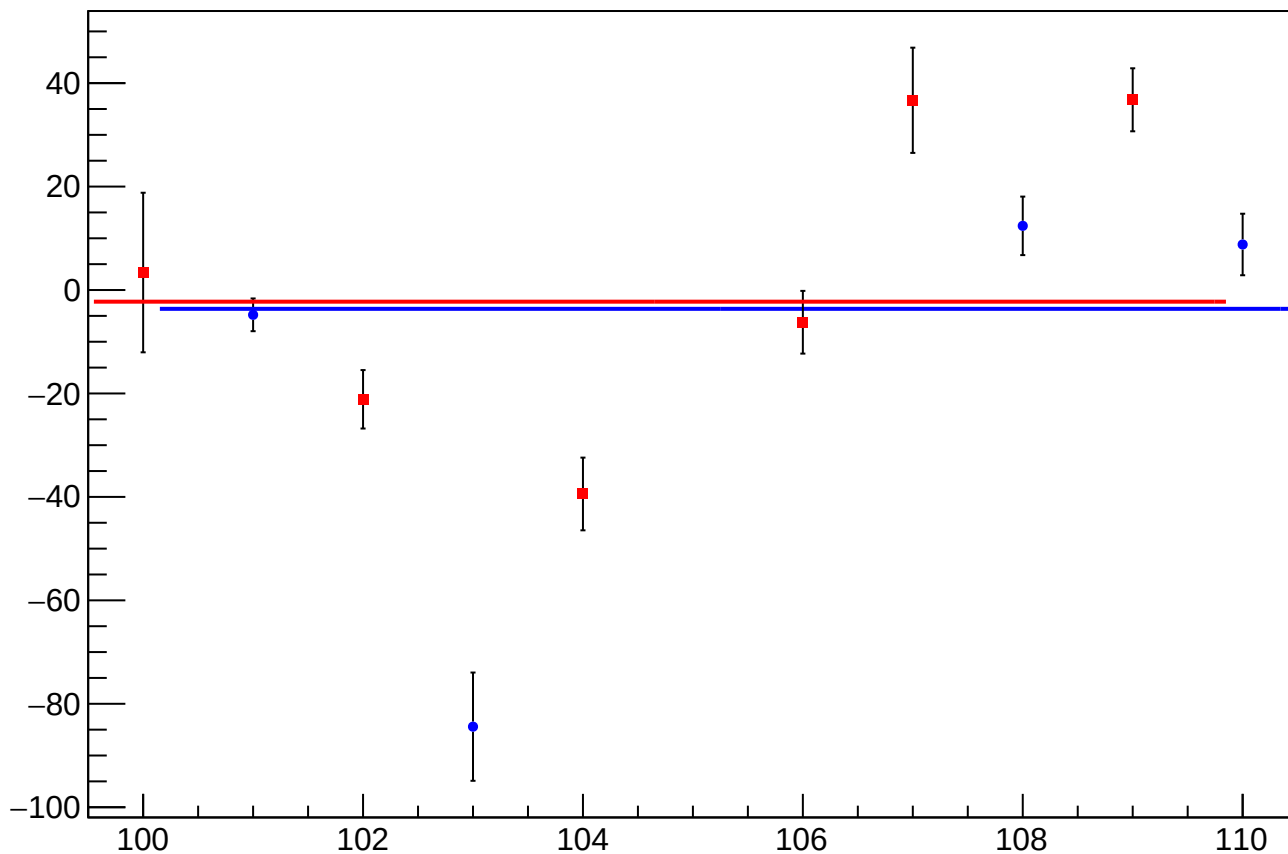
Right: -14.449 ± 1.768 χ^2/NDF : 2325.2/9

In: -0.147 ± 2.467 χ^2/NDF : 1054.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.449 ± 1.768 χ^2/NDF : 2325.2/9

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.639+/-2.436 χ^2/NDF : 72.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.253+/-2.892 χ^2/NDF : 95.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

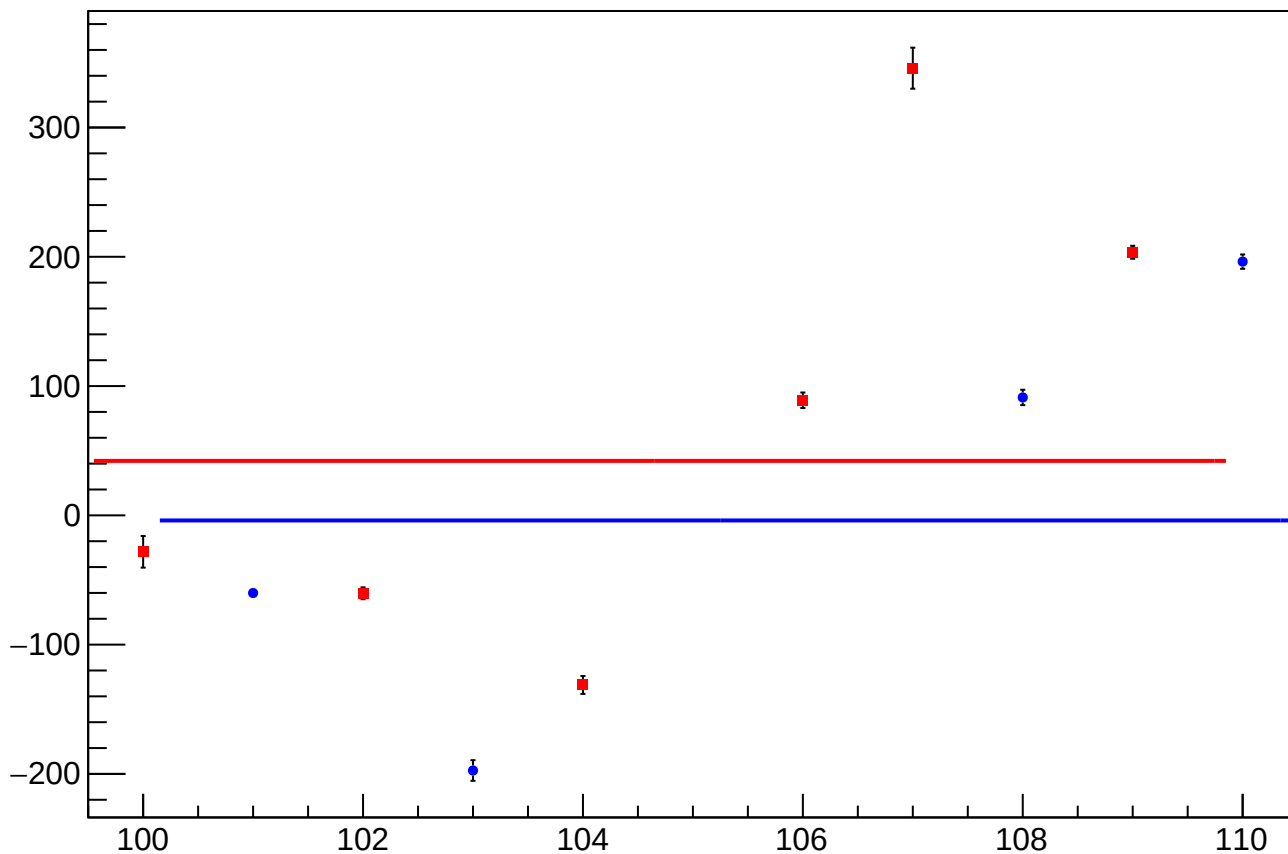
Right: -3.064+/-1.863 χ^2/NDF : 167.7/9

In: -3.639+/-2.436 χ^2/NDF : 72.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.064+/-1.863 χ^2/NDF : 167.7/9

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -3.945 ± 2.320 χ^2/NDF : 2488.2/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 42.129 ± 2.609 χ^2/NDF : 2629.1/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

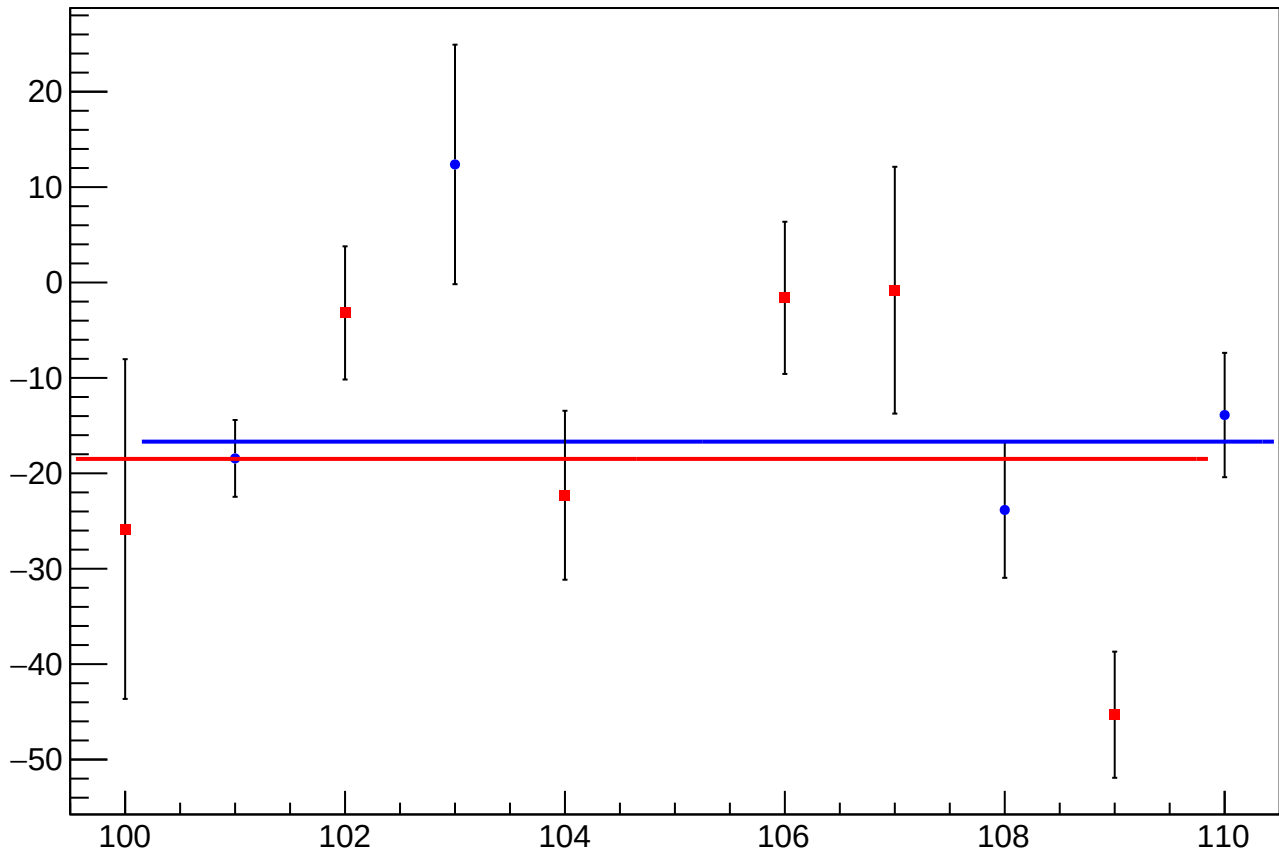
Right: 16.396 ± 1.734 χ^2/NDF : 5291.4/9

In: -3.945 ± 2.320 χ^2/NDF : 2488.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 16.396 ± 1.734 χ^2/NDF : 5291.4/9

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.678 ± 2.997 χ^2/NDF : 6.7/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.489 ± 3.513 χ^2/NDF : 28.0/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

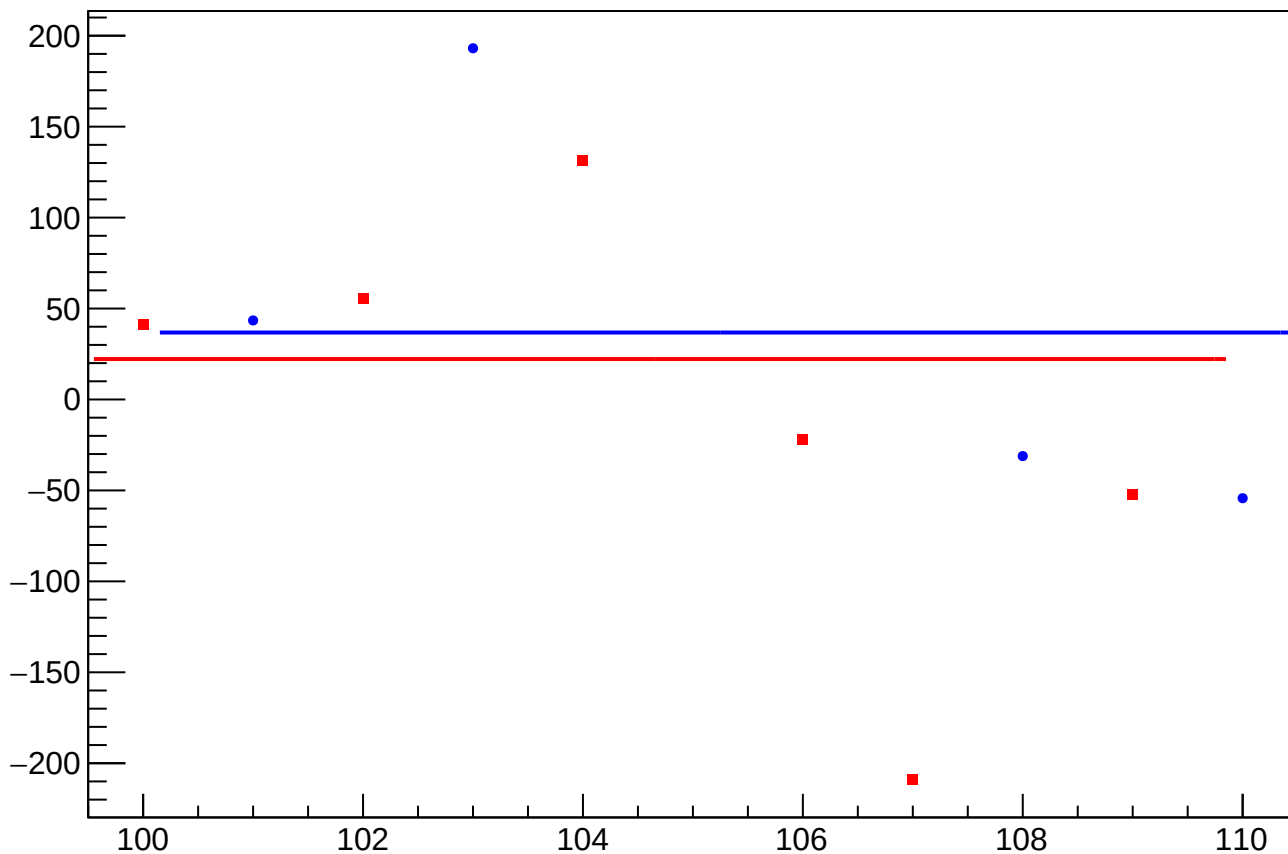
Right: -17.441 ± 2.280 χ^2/NDF : 34.9/9

In: -16.678 ± 2.997 χ^2/NDF : 6.7/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.441 ± 2.280 χ^2/NDF : 34.9/9

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 36.819 $\pm$ 0.127 χ^2 /NDF: 335413.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.231 $\pm$ 0.130 χ^2 /NDF: 334522.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

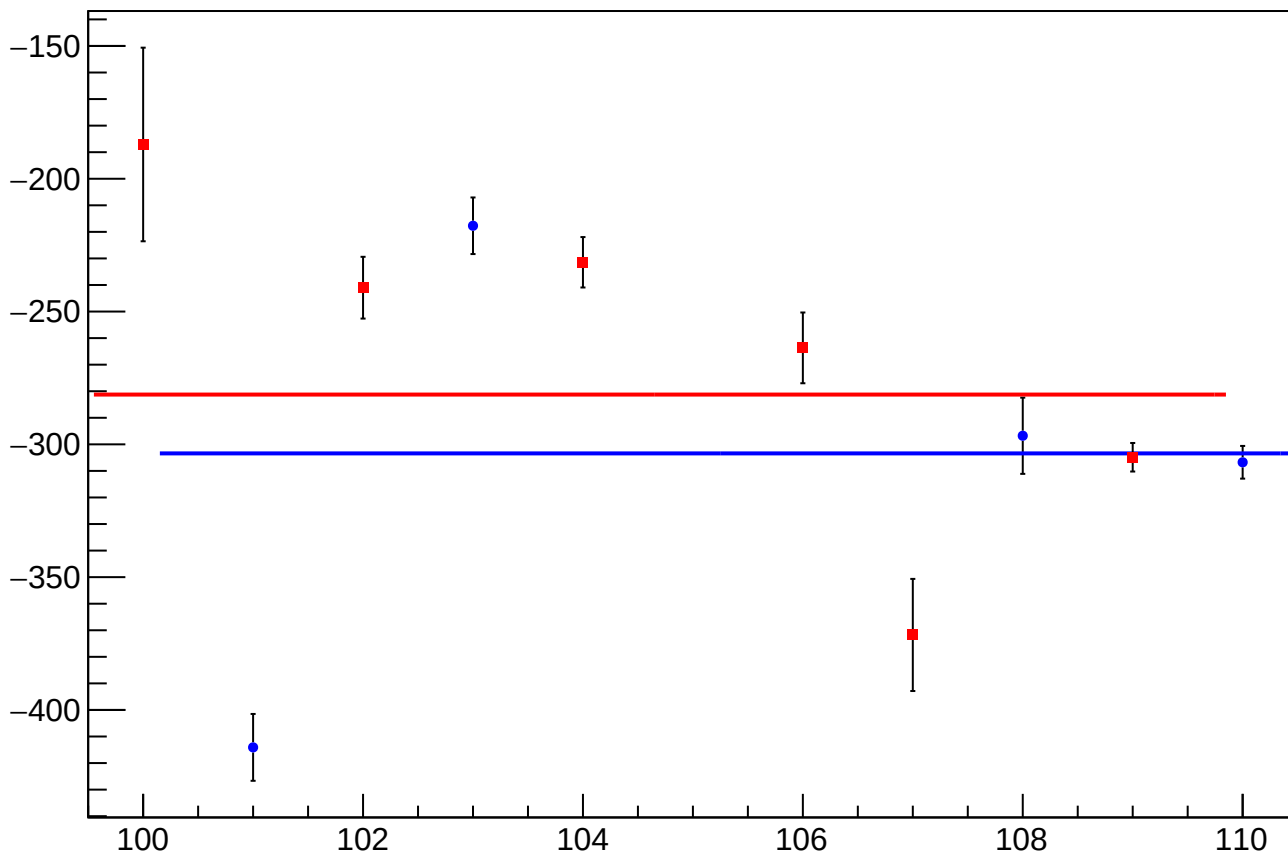
Right: 29.665 $\pm$ 0.091 χ^2 /NDF: 676359.5/9

In: 36.819 $\pm$ 0.127 χ^2 /NDF:335413.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.665 $\pm$ 0.091 χ^2 /NDF: 676359.5/9

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -303.406+/-4.644 χ^2/NDF : 142.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -281.257+/-4.024 χ^2/NDF : 85.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

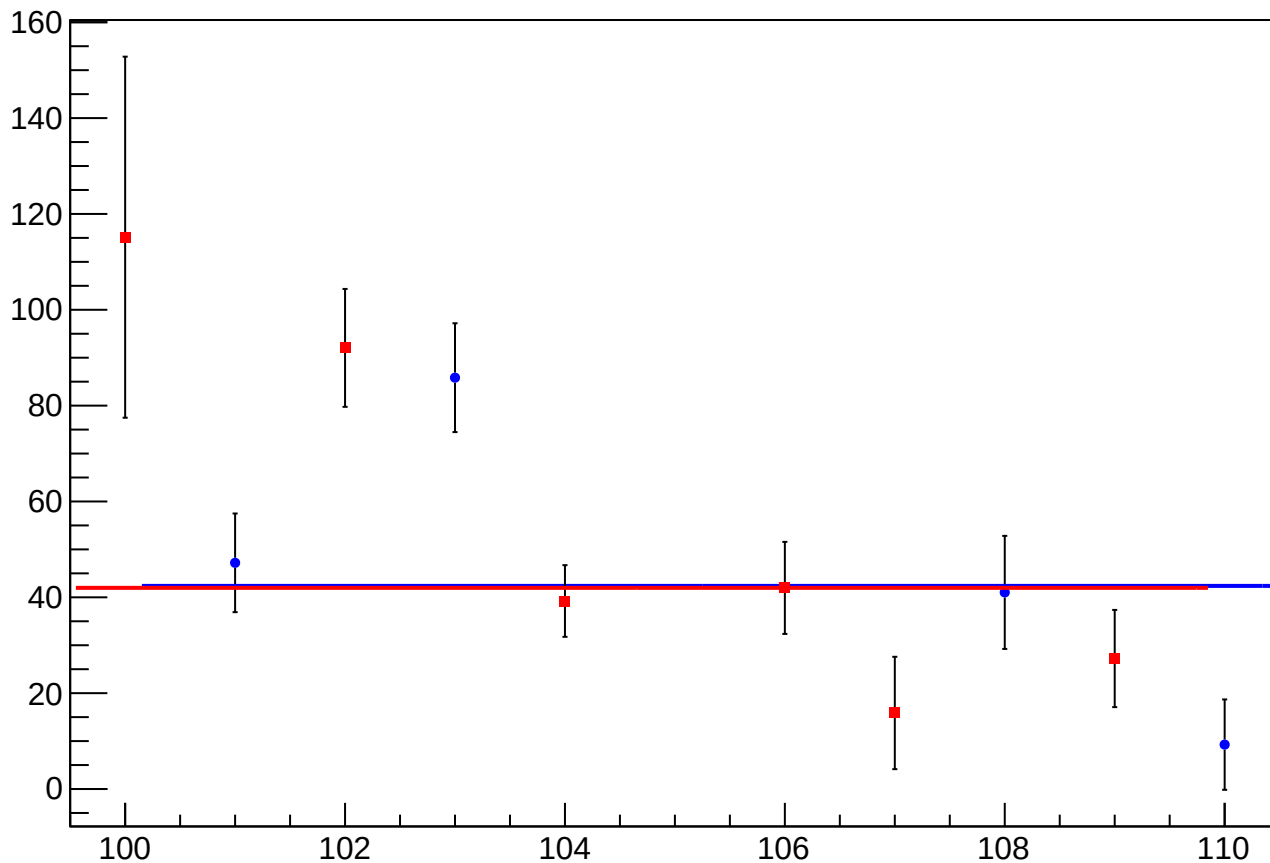
Right: -290.755+/-3.041 χ^2/NDF : 241.2/9

In: -303.406+/-4.644 χ^2/NDF : 142.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.755+/-3.041 χ^2/NDF : 241.2/9

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 42.383+/-5.298 χ^2 /NDF: 27.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 41.977+/-4.342 χ^2 /NDF: 27.6/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

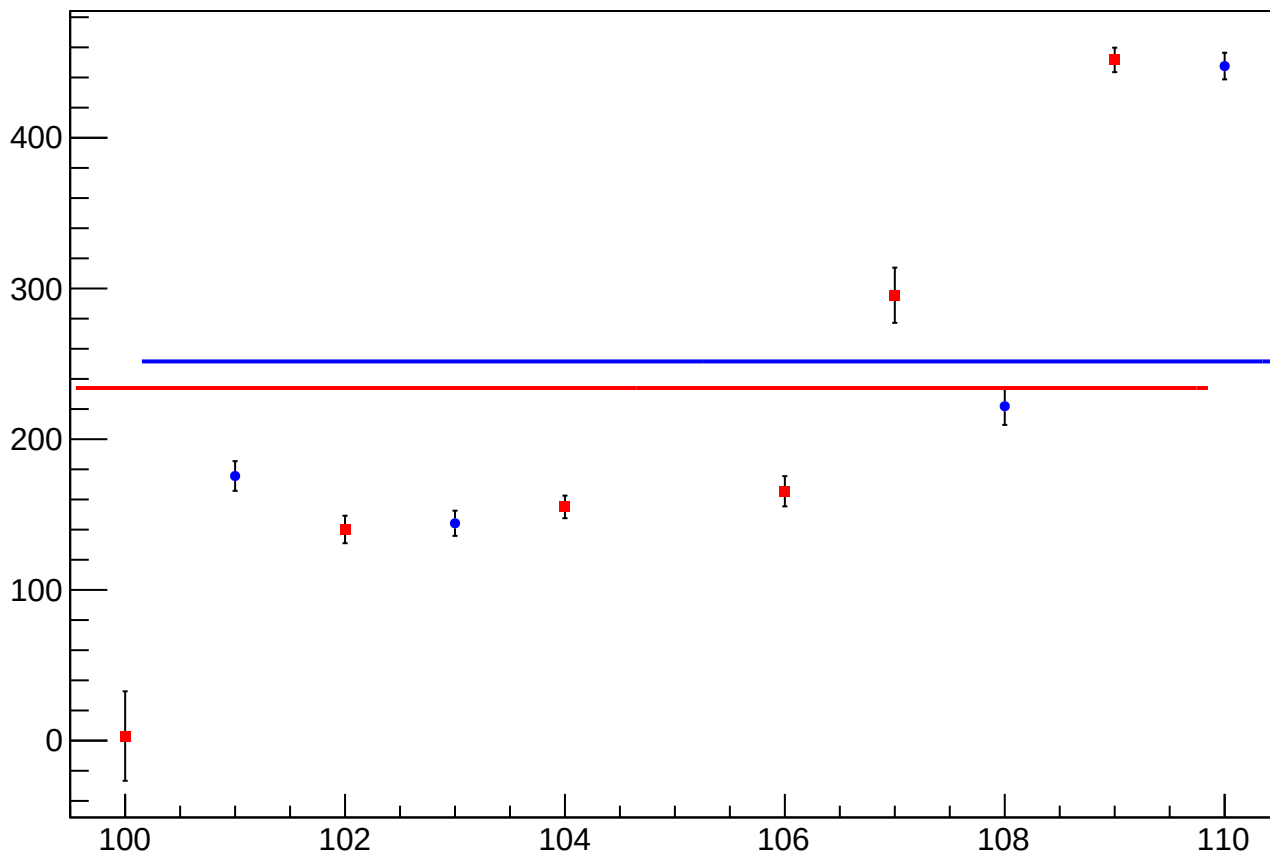
Right: 42.140+/-3.358 χ^2 /NDF: 54.8/9

In: 42.383+/-5.298 χ^2 /NDF:27.2/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 42.140+/-3.358 χ^2 /NDF: 54.8/9

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 251.606+/-4.769 χ^2/NDF : 723.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.973+/-4.114 χ^2/NDF : 1053.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

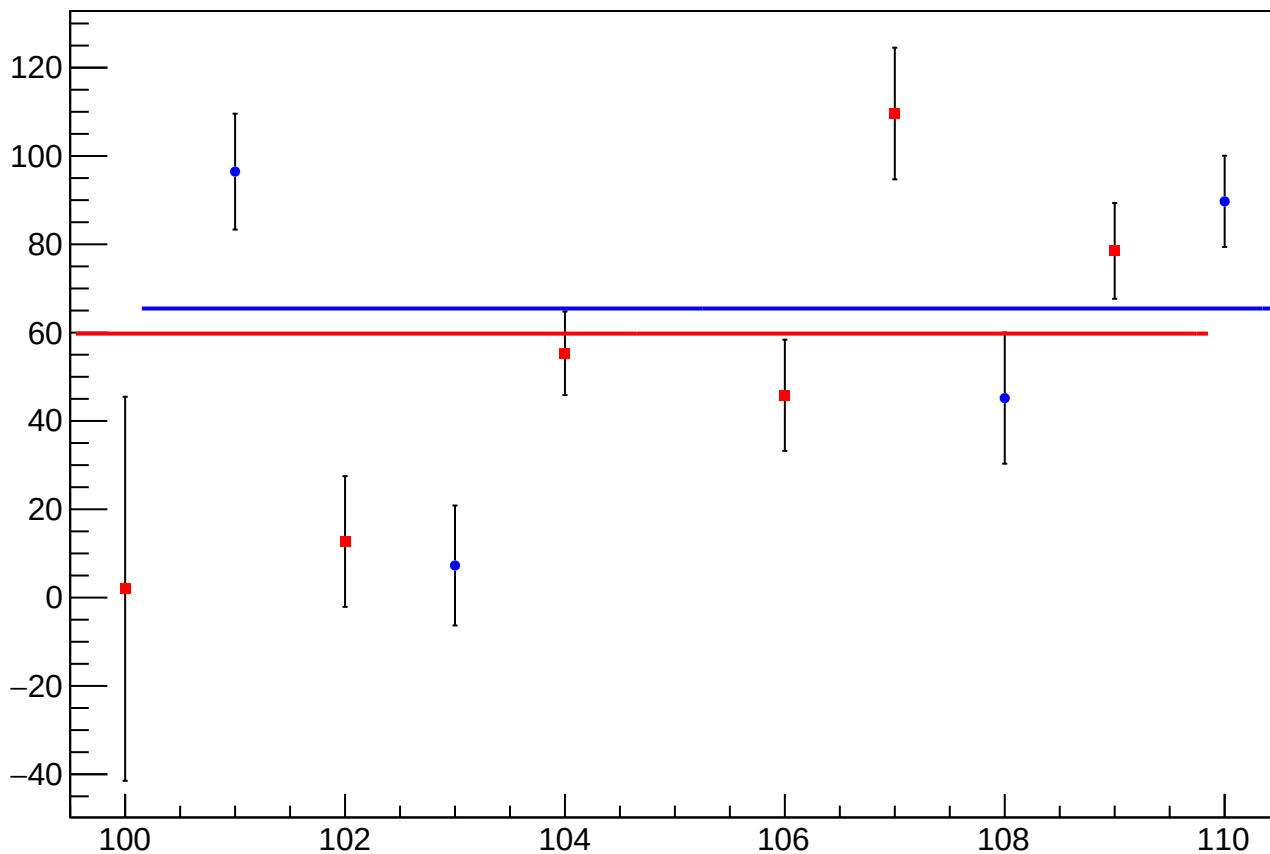
Right: 241.495+/-3.115 χ^2/NDF : 1784.4/9

In: 251.606+/-4.769 χ^2/NDF : 723.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.495+/-3.115 χ^2/NDF : 1784.4/9

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 65.460+/-6.308 χ^2/NDF : 31.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.781+/-5.302 χ^2/NDF : 27.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

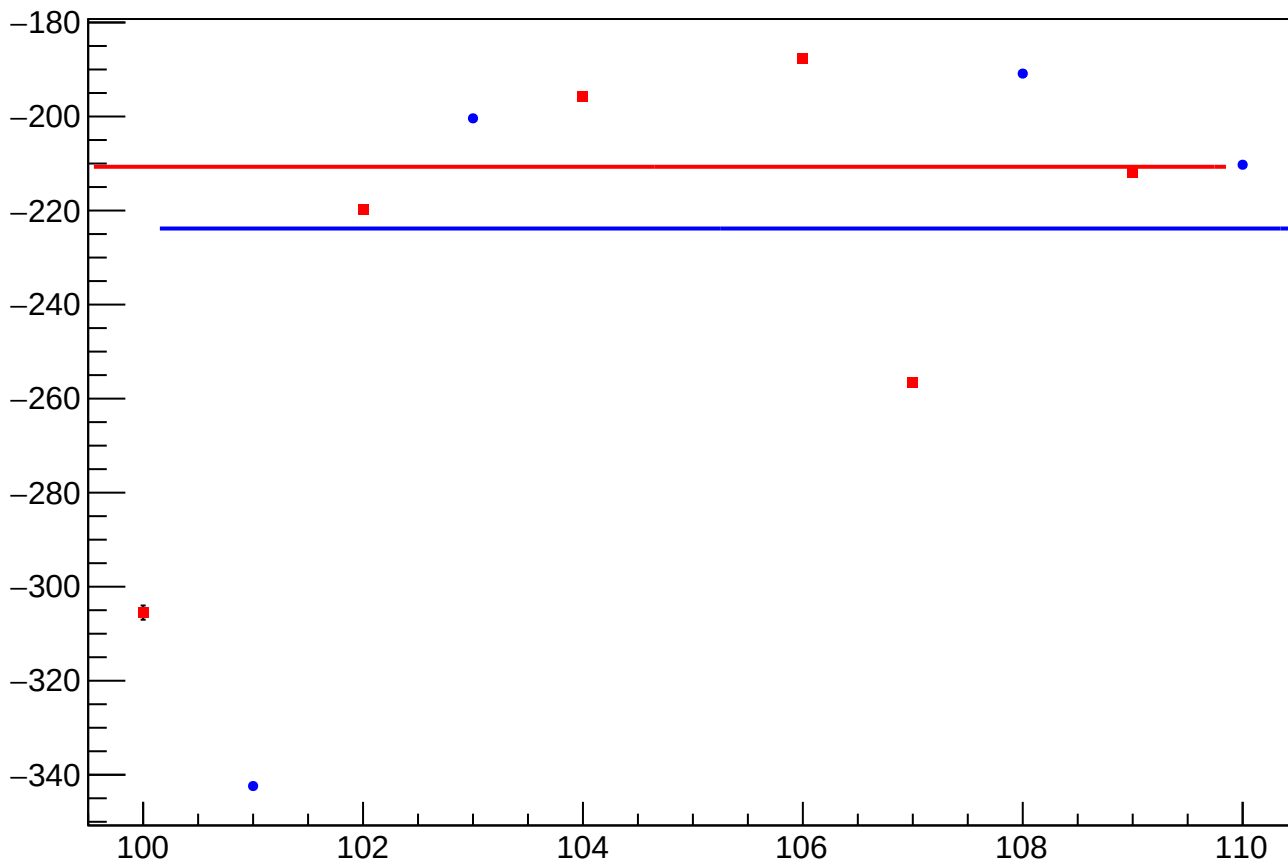
Right: 62.132+/-4.059 χ^2/NDF : 59.3/9

In: 65.460+/-6.308 χ^2/NDF : 31.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.132+/-4.059 χ^2/NDF : 59.3/9

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -223.821+/-0.245 χ^2/NDF : 49608.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -210.691+/-0.211 χ^2/NDF : 11701.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

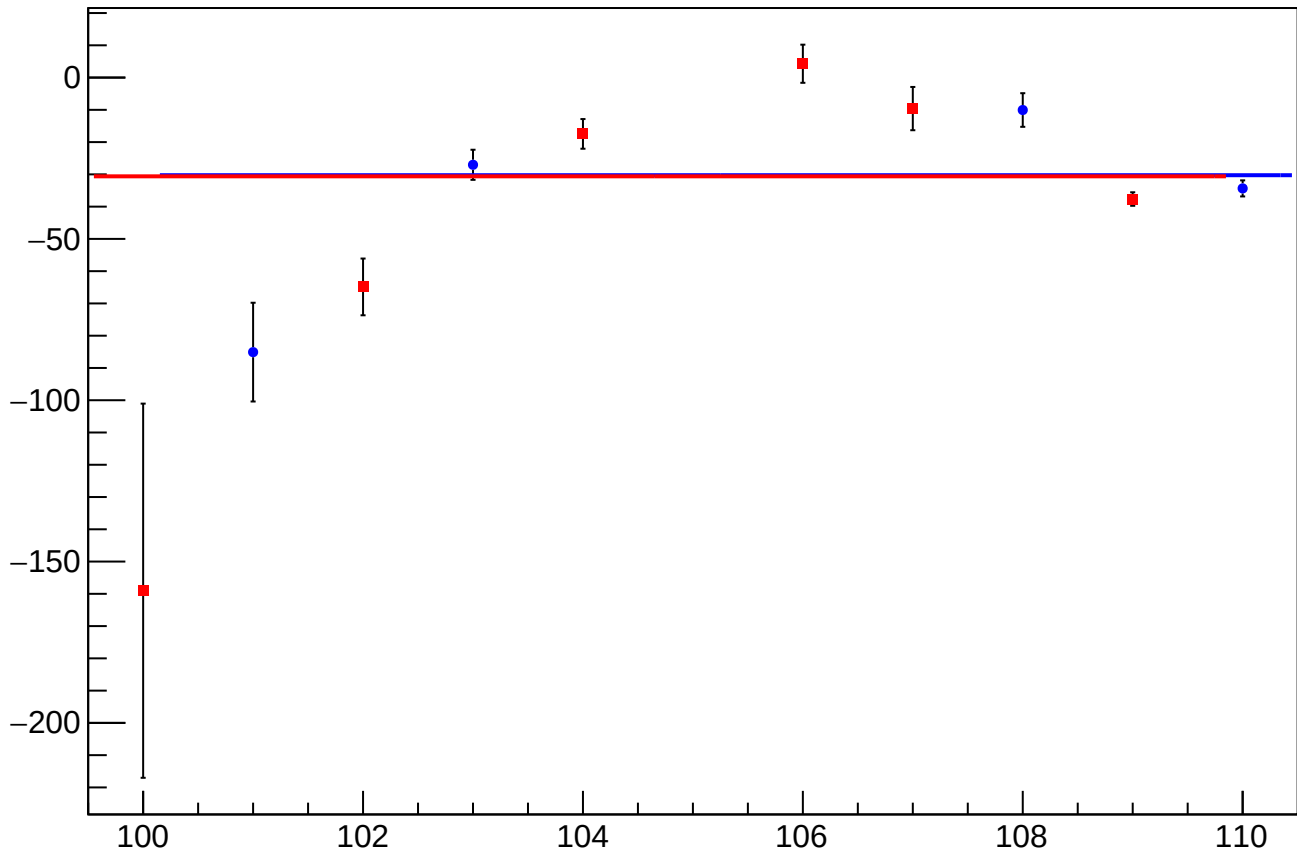
Right: -216.306+/-0.160 χ^2/NDF : 62959.5/9

In: -223.821+/-0.245 χ^2/NDF : 49608.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.306+/-0.160 χ^2/NDF : 62959.5/9

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.260+/-2.008 χ^2/NDF : 31.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.609+/-1.716 χ^2/NDF : 84.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

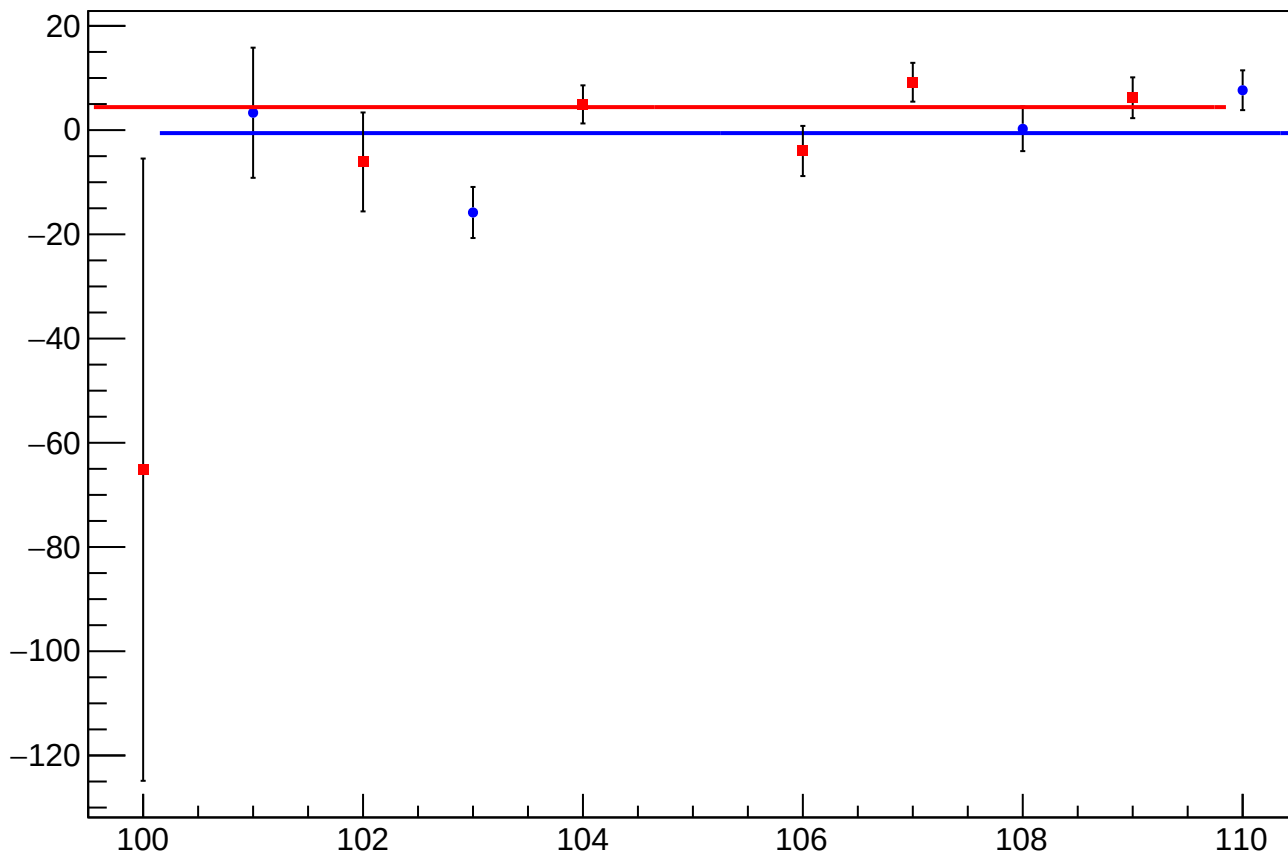
Right: -30.461+/-1.304 χ^2/NDF : 115.3/9

In: -30.260+/-2.008 χ^2/NDF : 31.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.461+/-1.304 χ^2/NDF : 115.3/9

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.574+/-2.416 χ^2 /NDF: 14.4/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 4.415+/-1.936 χ^2 /NDF: 7.5/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

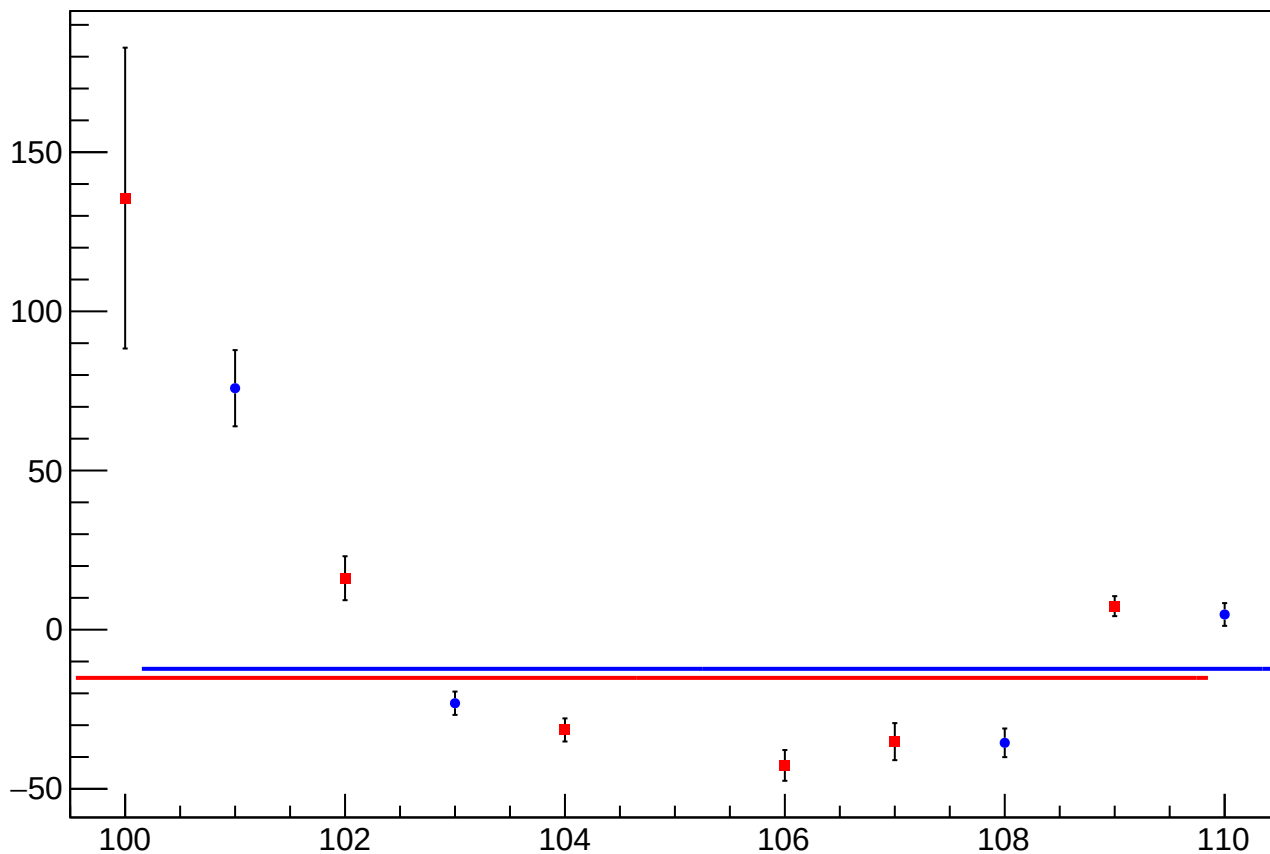
Right: 2.464+/-1.511 χ^2 /NDF: 24.6/9

In: -0.574+/-2.416 χ^2 /NDF:14.4/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2.464+/-1.511 χ^2 /NDF: 24.6/9

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -12.299+/-2.186 χ^2/NDF : 112.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.142+/-1.920 χ^2/NDF : 146.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

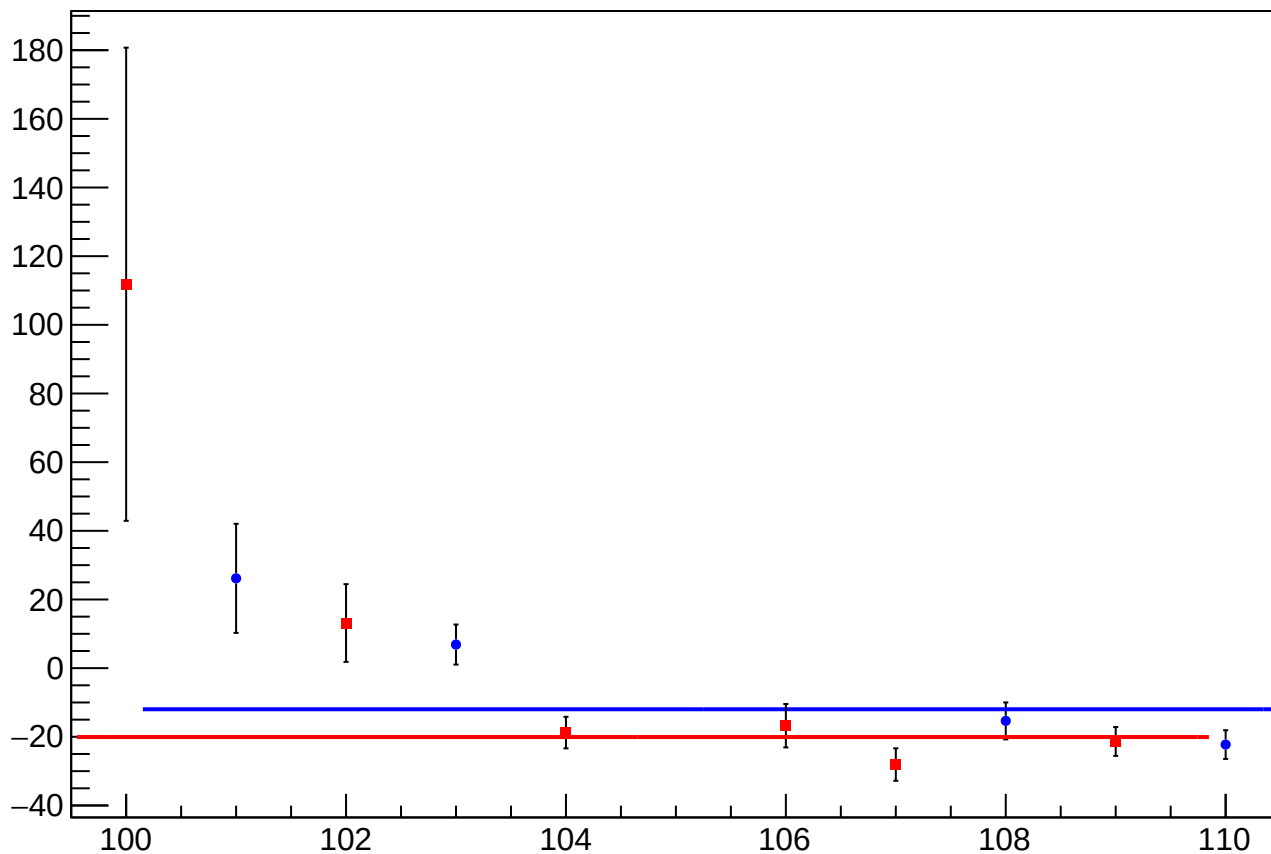
Right: -13.904+/-1.443 χ^2/NDF : 260.3/9

In: -12.299+/-2.186 χ^2/NDF : 112.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.904+/-1.443 χ^2/NDF : 260.3/9

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.975+/-2.828 χ^2/NDF : 22.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.066+/-2.347 χ^2/NDF : 15.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

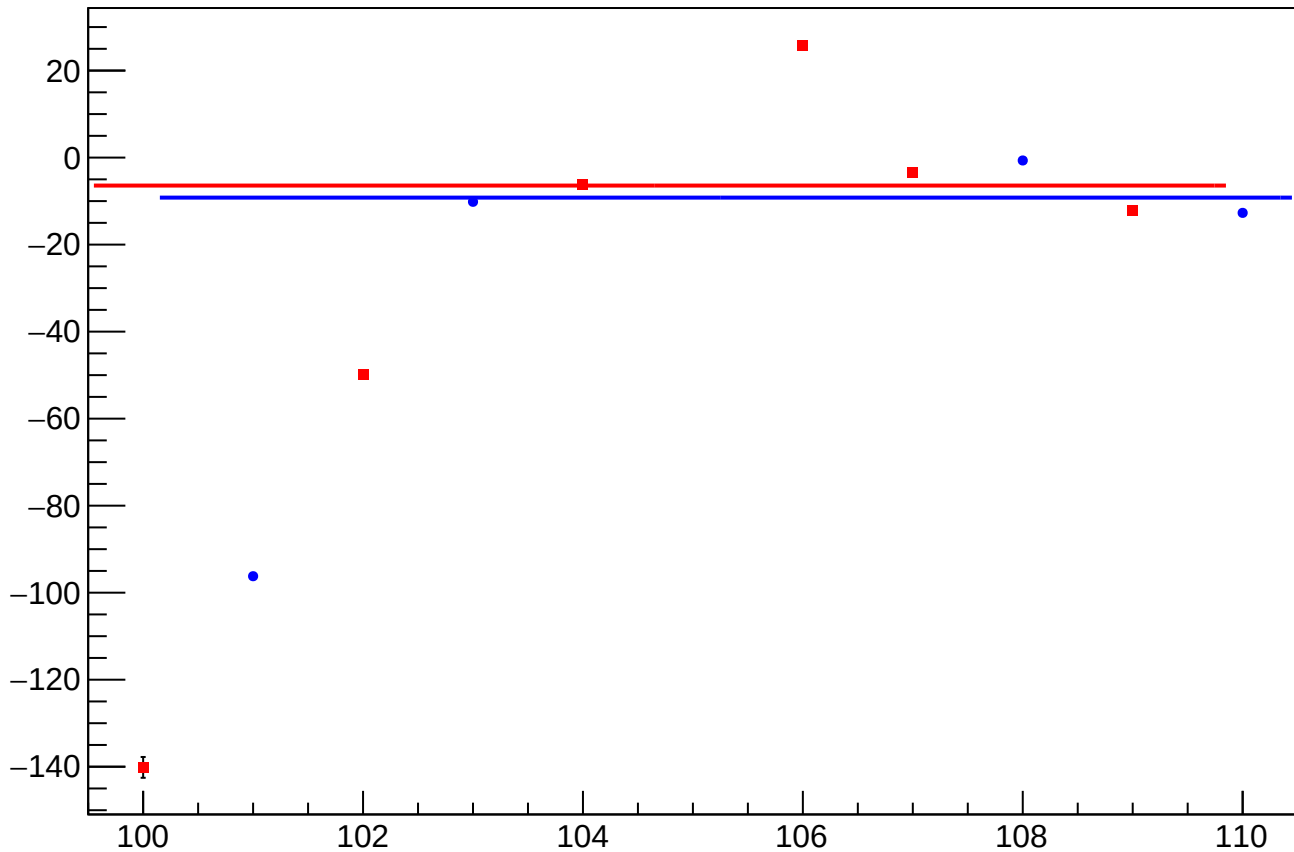
Right: -16.767+/-1.806 χ^2/NDF : 43.1/9

In: -11.975+/-2.828 χ^2/NDF : 22.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.767+/-1.806 χ^2/NDF : 43.1/9

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.198+/-0.108 χ^2/NDF : 17438.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.429+/-0.099 χ^2/NDF : 44978.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

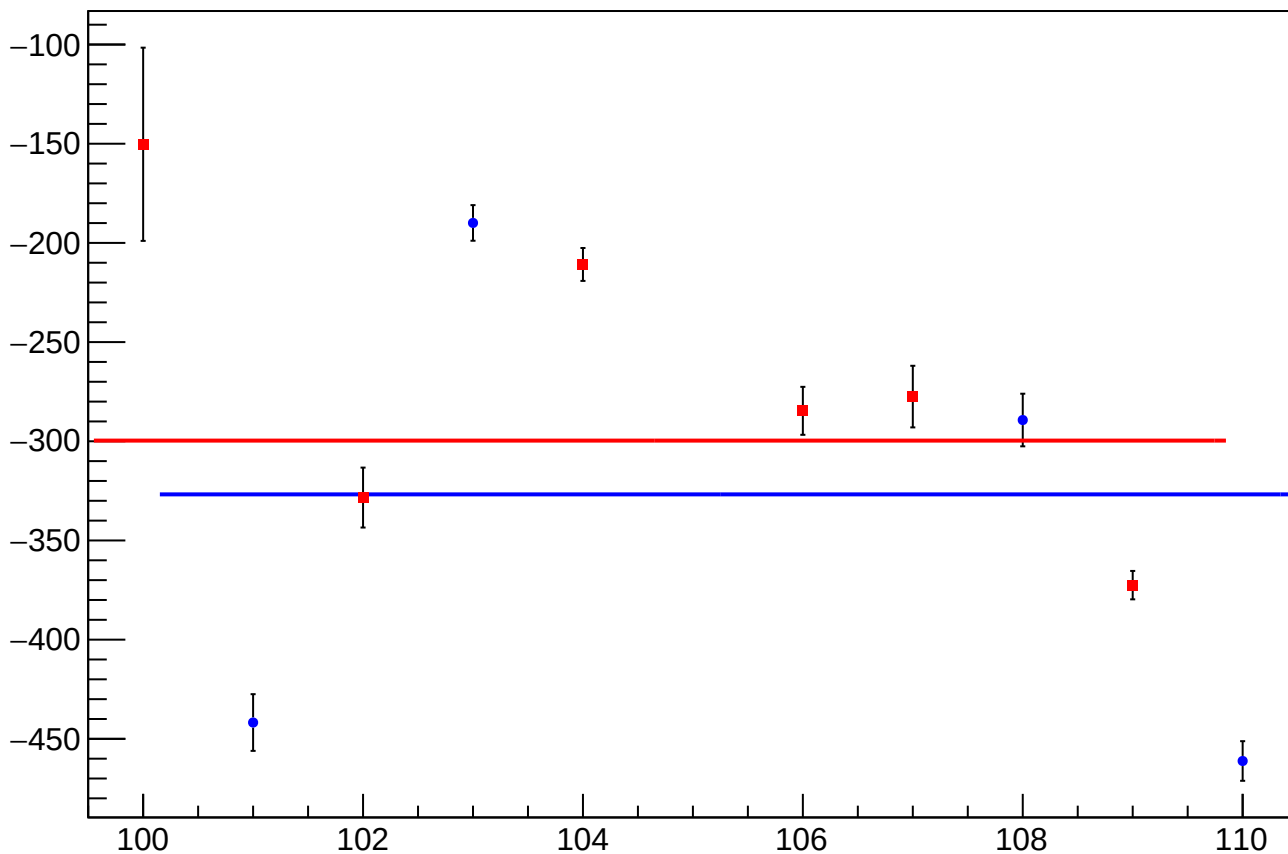
Right: -7.697+/-0.073 χ^2/NDF : 62774.0/9

In: -9.198+/-0.108 χ^2/NDF : 17438.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.697+/-0.073 χ^2/NDF : 62774.0/9

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -326.765+/-5.503 χ^2/NDF : 486.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -299.657+/-4.480 χ^2/NDF : 234.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

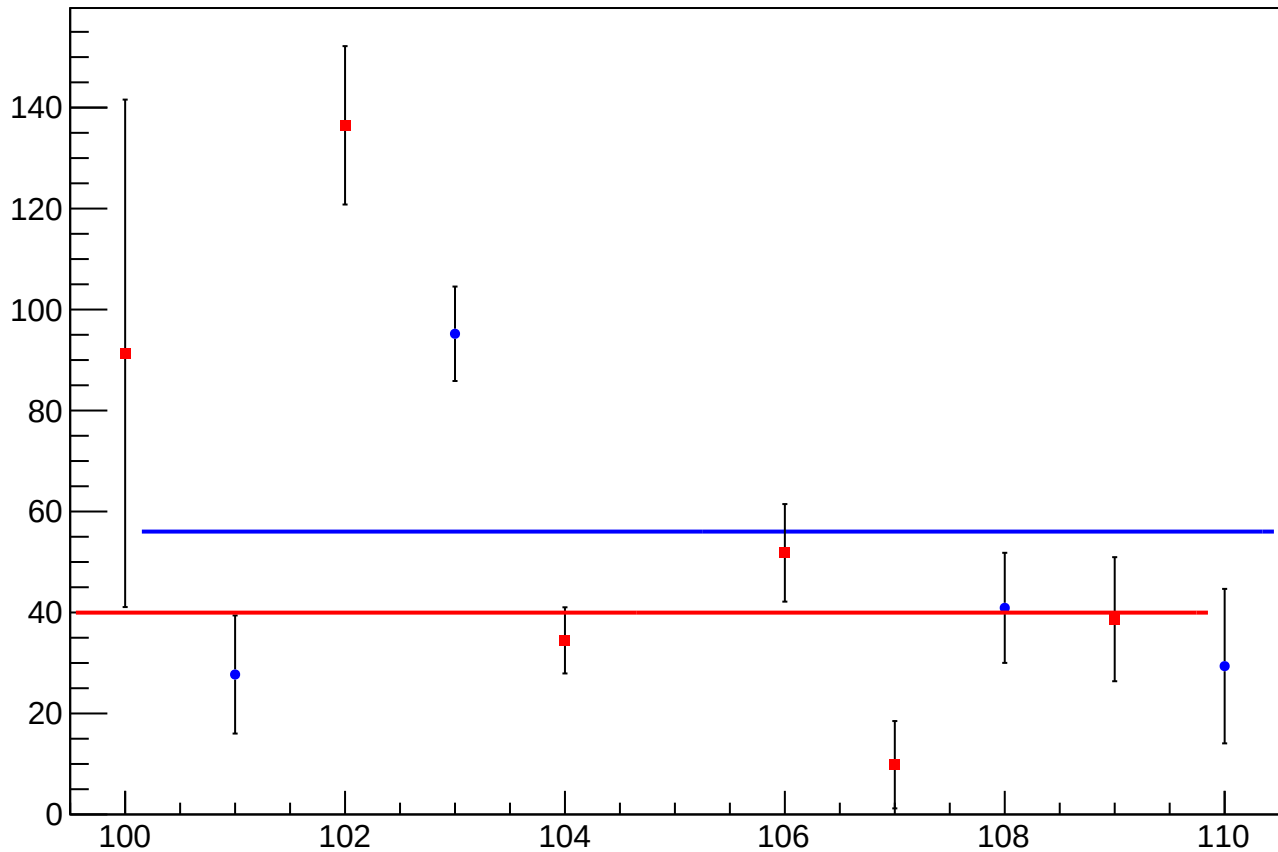
Right: -310.460+/-3.474 χ^2/NDF : 735.6/9

In: -326.765+/-5.503 χ^2/NDF : 486.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -310.460+/-3.474 χ^2/NDF : 735.6/9

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 56.026+/-5.641 χ^2 /NDF: 28.4/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 39.974+/-4.136 χ^2 /NDF: 53.3/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

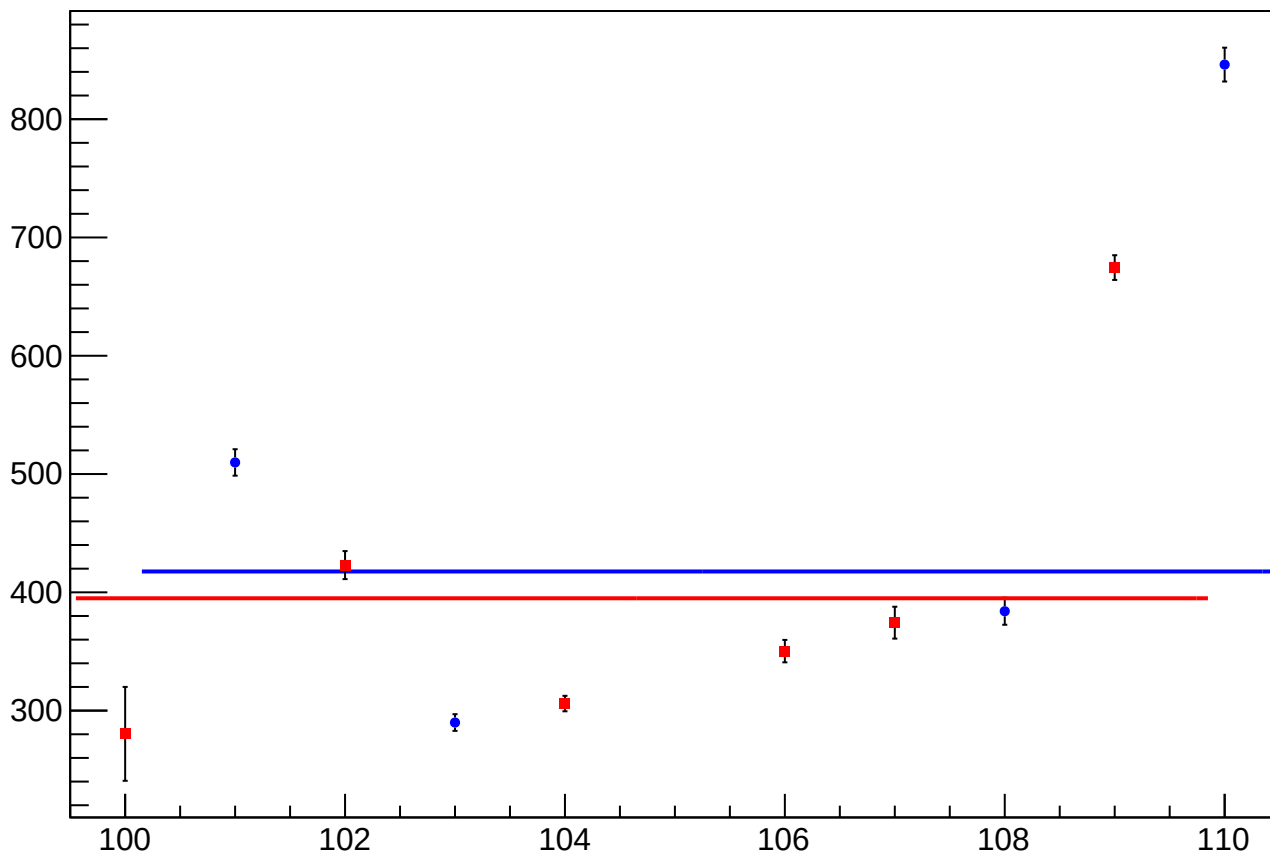
Right: 45.586+/-3.335 χ^2 /NDF: 86.9/9

In: 56.026+/-5.641 χ^2 /NDF: 28.4/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 45.586+/-3.335 χ^2 /NDF: 86.9/9

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 417.626+/-4.960 χ^2/NDF : 1301.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 394.971+/-4.192 χ^2/NDF : 939.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

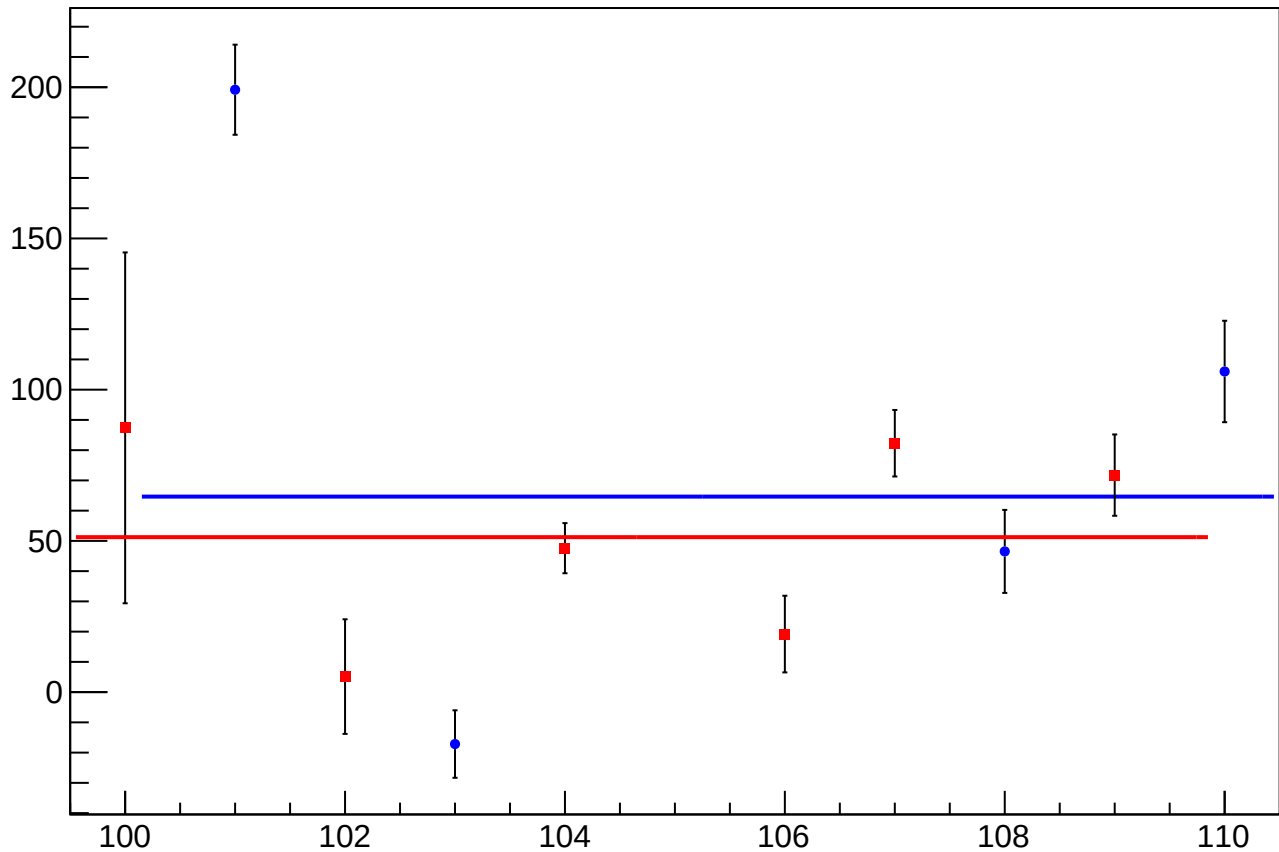
Right: 404.409+/-3.202 χ^2/NDF : 2253.6/9

In: 417.626+/-4.960 χ^2/NDF : 1301.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.409+/-3.202 χ^2/NDF : 2253.6/9

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 64.645+/-6.835 χ^2/NDF : 143.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.240+/-5.152 χ^2/NDF : 23.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

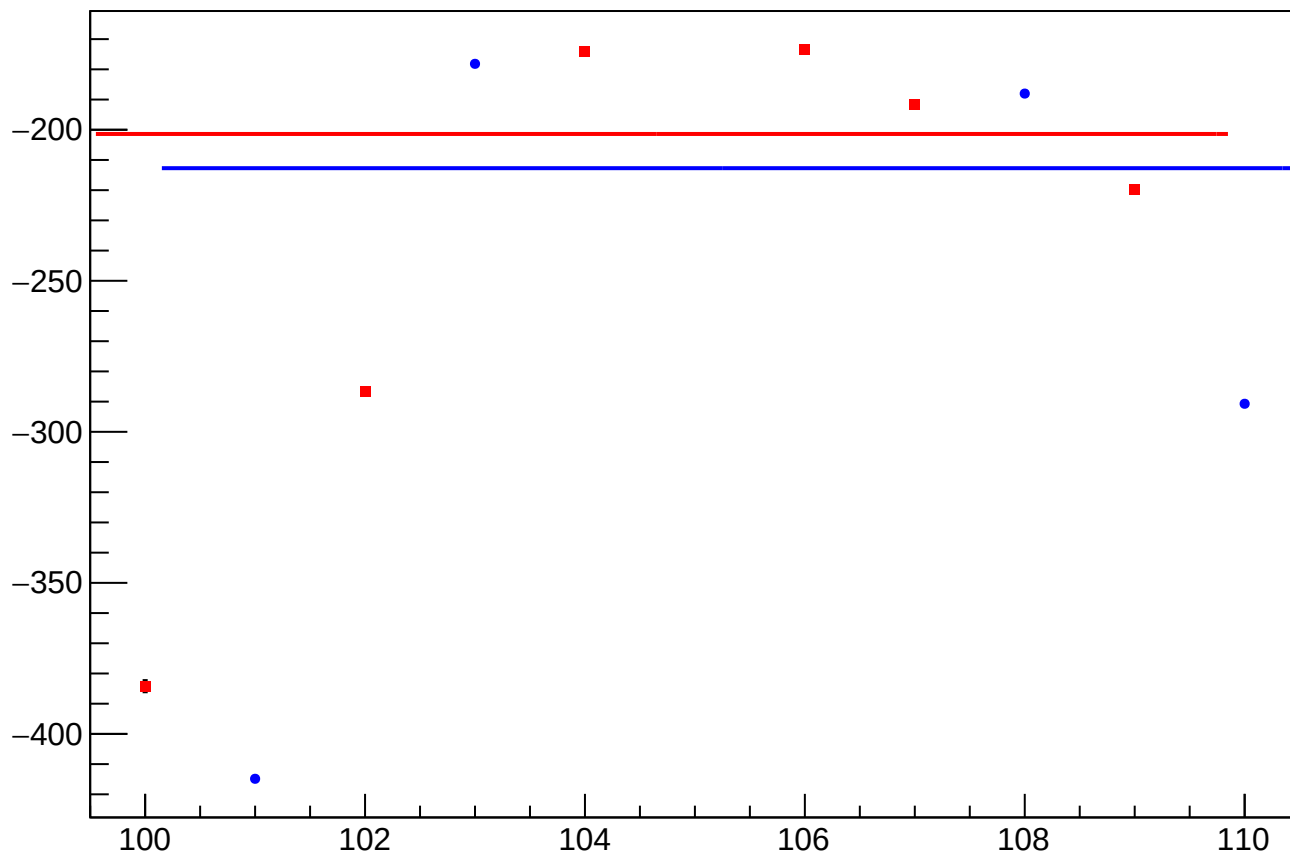
Right: 56.097+/-4.114 χ^2/NDF : 168.8/9

In: 64.645+/-6.835 χ^2/NDF : 143.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.097+/-4.114 χ^2/NDF : 168.8/9

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -212.719+/-0.230 χ^2/NDF : 112524.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.394+/-0.208 χ^2/NDF : 47385.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

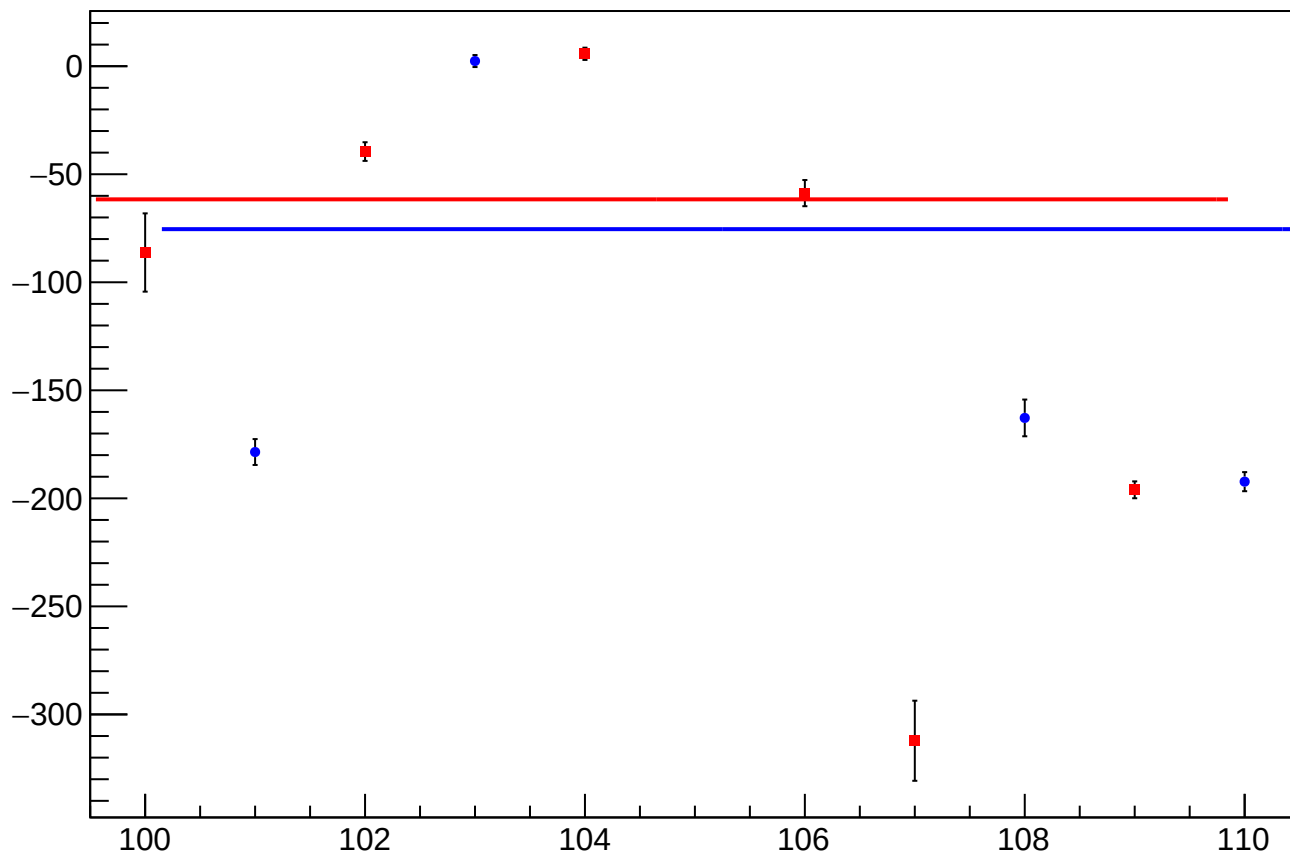
Right: -206.498+/-0.154 χ^2/NDF : 161246.6/9

In: -212.719+/-0.230 χ^2/NDF : 112524.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.498+/-0.154 χ^2/NDF : 161246.6/9

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -75.415+/-2.121 χ^2/NDF : 1885.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -61.623+/-1.902 χ^2/NDF : 1958.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

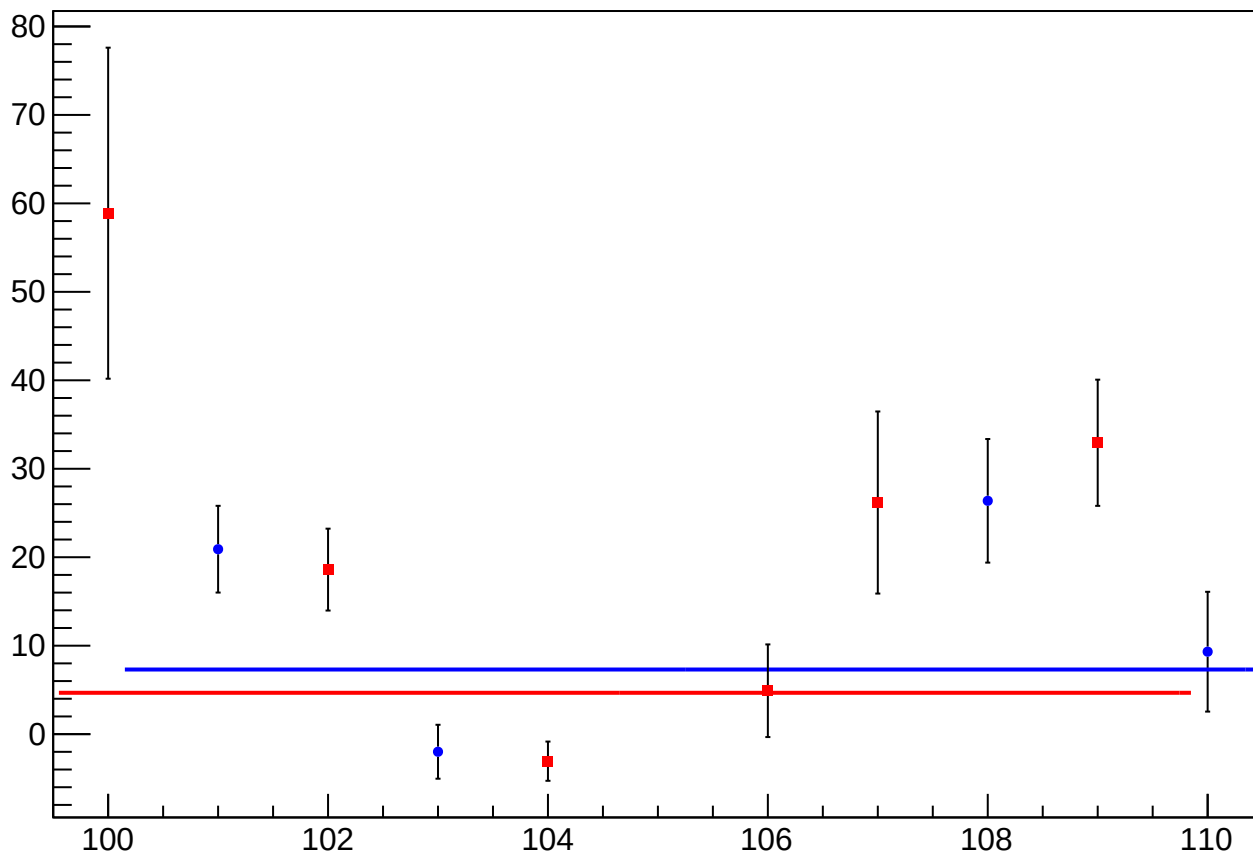
Right: -67.773+/-1.416 χ^2/NDF : 3867.2/9

In: -75.415+/-2.121 χ^2/NDF : 1885.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.773+/-1.416 χ^2/NDF : 3867.2/9

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.306+/-2.285 χ^2/NDF : 24.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.675+/-1.772 χ^2/NDF : 49.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

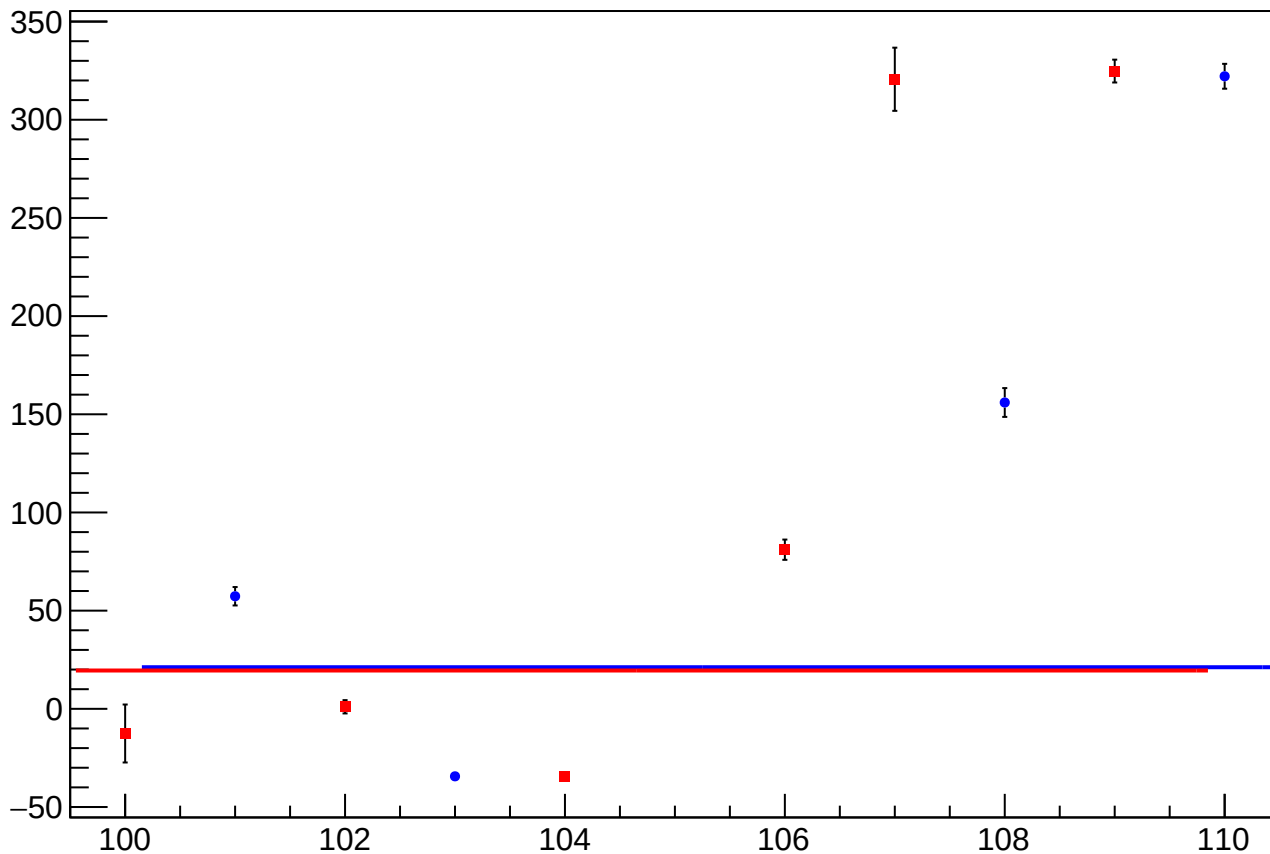
Right: 5.663+/-1.400 χ^2/NDF : 75.0/9

In: 7.306+/-2.285 χ^2/NDF : 24.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.663+/-1.400 χ^2/NDF : 75.0/9

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 21.187+/-1.830 χ^2/NDF : 3302.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.516+/-1.662 χ^2/NDF : 3863.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

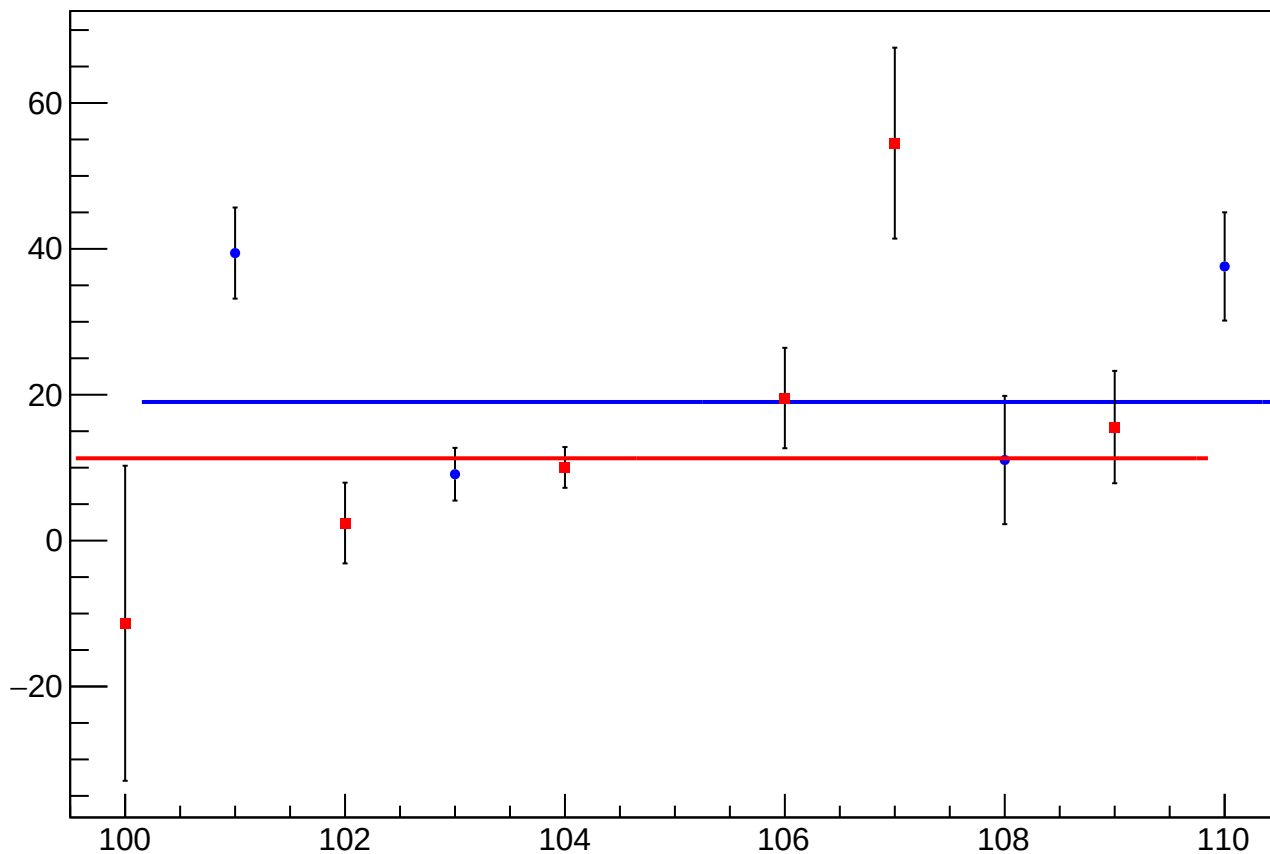
Right: 20.272+/-1.230 χ^2/NDF : 7165.8/9

In: 21.187+/-1.830 χ^2/NDF : 3302.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.272+/-1.230 χ^2/NDF : 7165.8/9

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.008 $\pm$ 2.740 χ^2 /NDF: 25.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.288 $\pm$ 2.200 χ^2 /NDF: 16.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

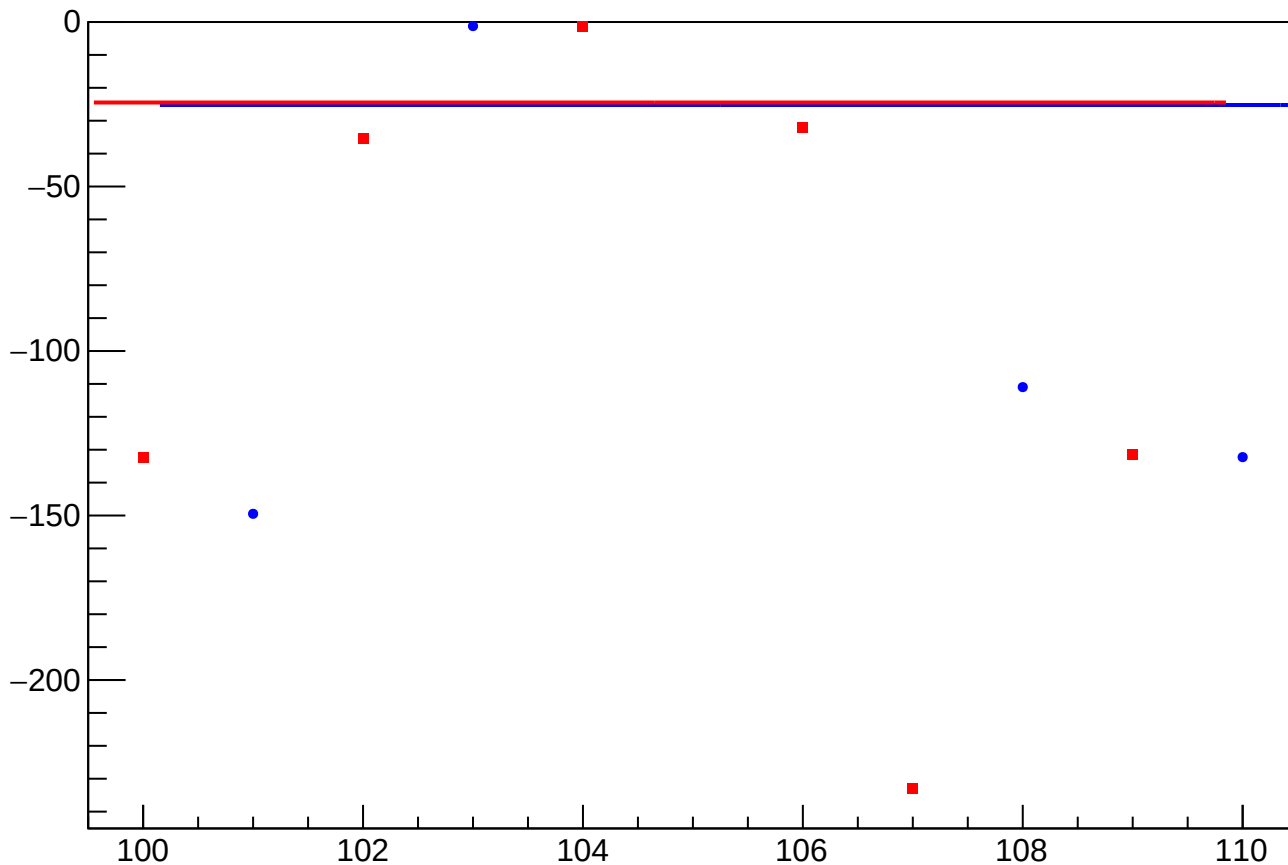
Right: 14.314 $\pm$ 1.716 χ^2 /NDF: 46.6/9

In: 19.008 $\pm$ 2.740 χ^2 /NDF: 25.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.314 $\pm$ 1.716 χ^2 /NDF: 46.6/9

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -25.223+/-0.082 χ^2/NDF : 389479.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.462+/-0.076 χ^2/NDF : 246200.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

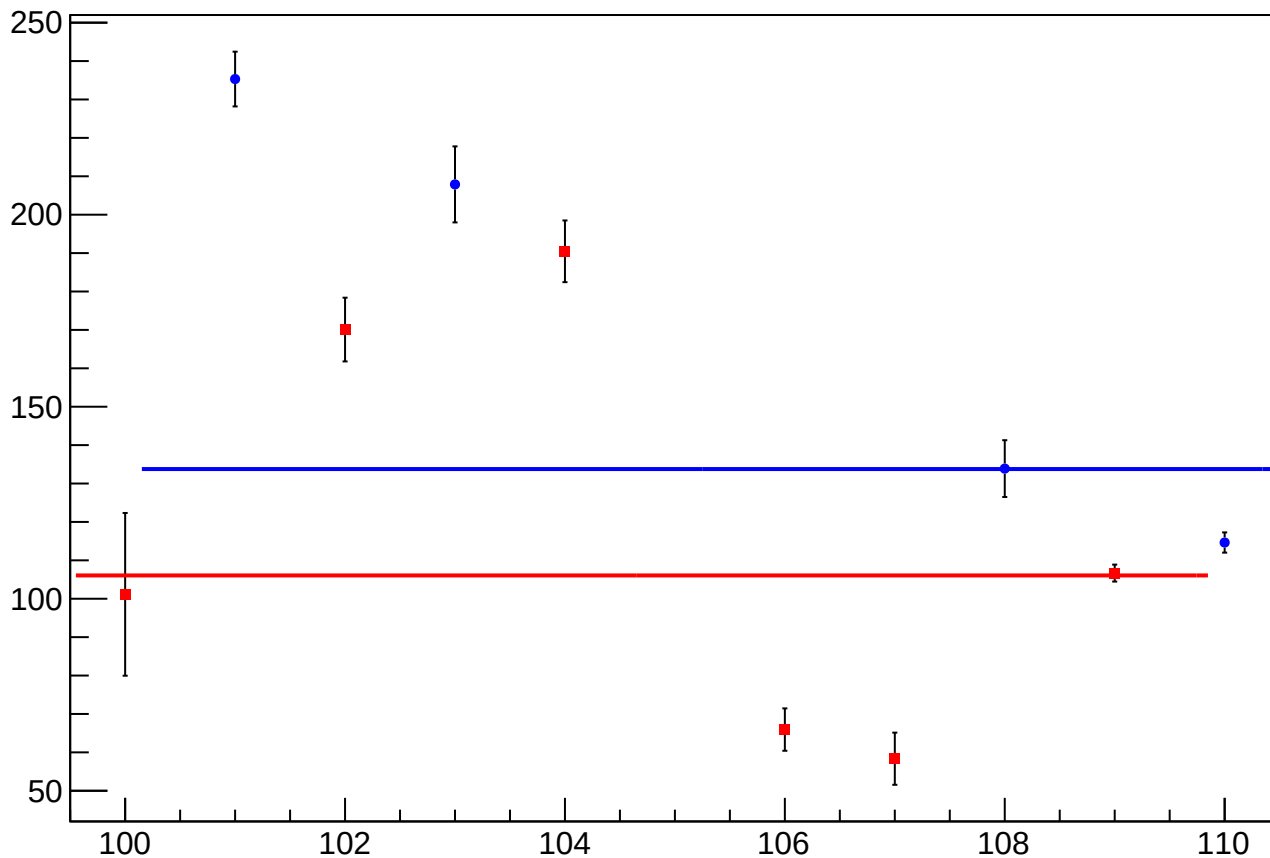
Right: -24.815+/-0.056 χ^2/NDF : 635726.3/9

In: -25.223+/-0.082 χ^2/NDF : 389479.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.815+/-0.056 χ^2/NDF : 635726.3/9

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 133.769+/-2.280 χ^2/NDF : 311.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.069+/-1.850 χ^2/NDF : 272.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

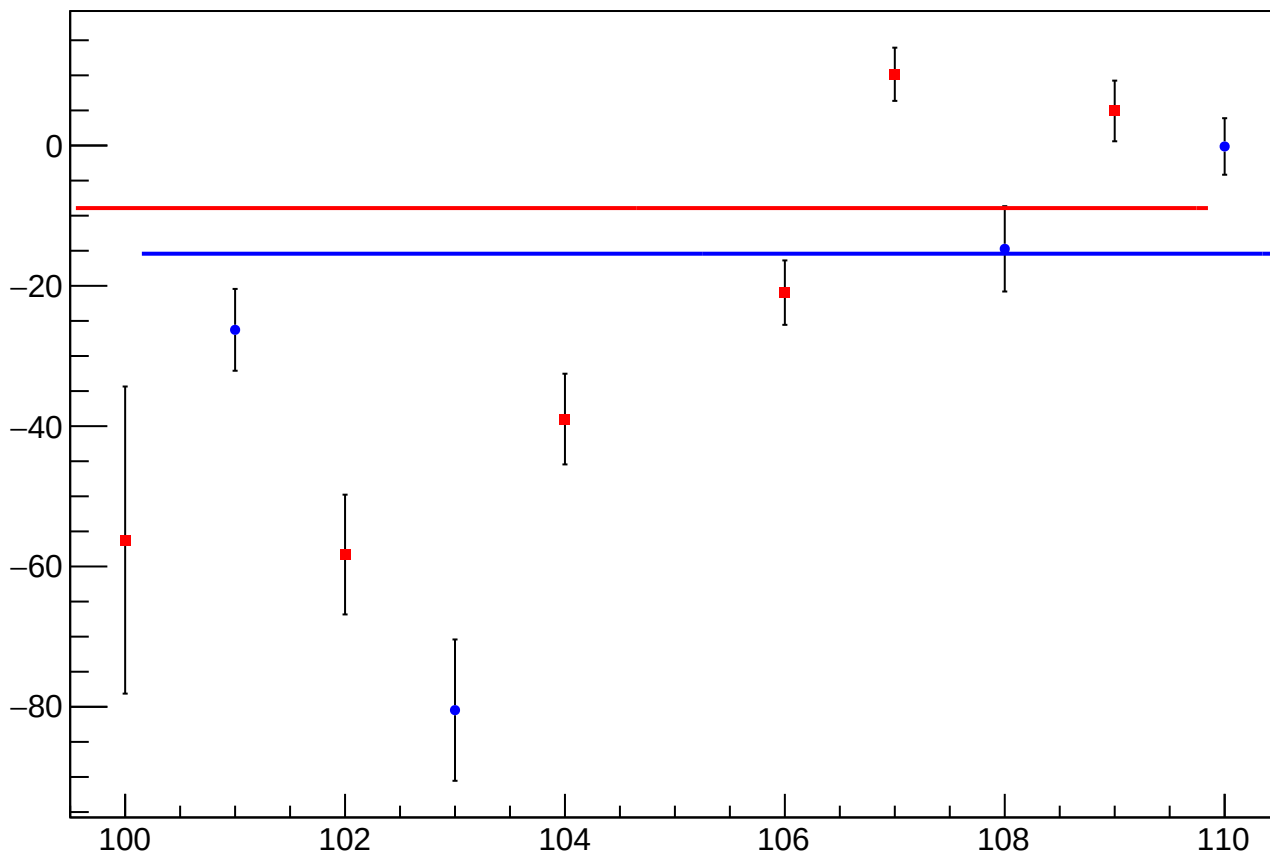
Right: 117.067+/-1.437 χ^2/NDF : 673.1/9

In: 133.769+/-2.280 χ^2/NDF : 311.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.067+/-1.437 χ^2/NDF : 673.1/9

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -15.422+/-2.796 χ^2/NDF : 59.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.919+/-2.181 χ^2/NDF : 102.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

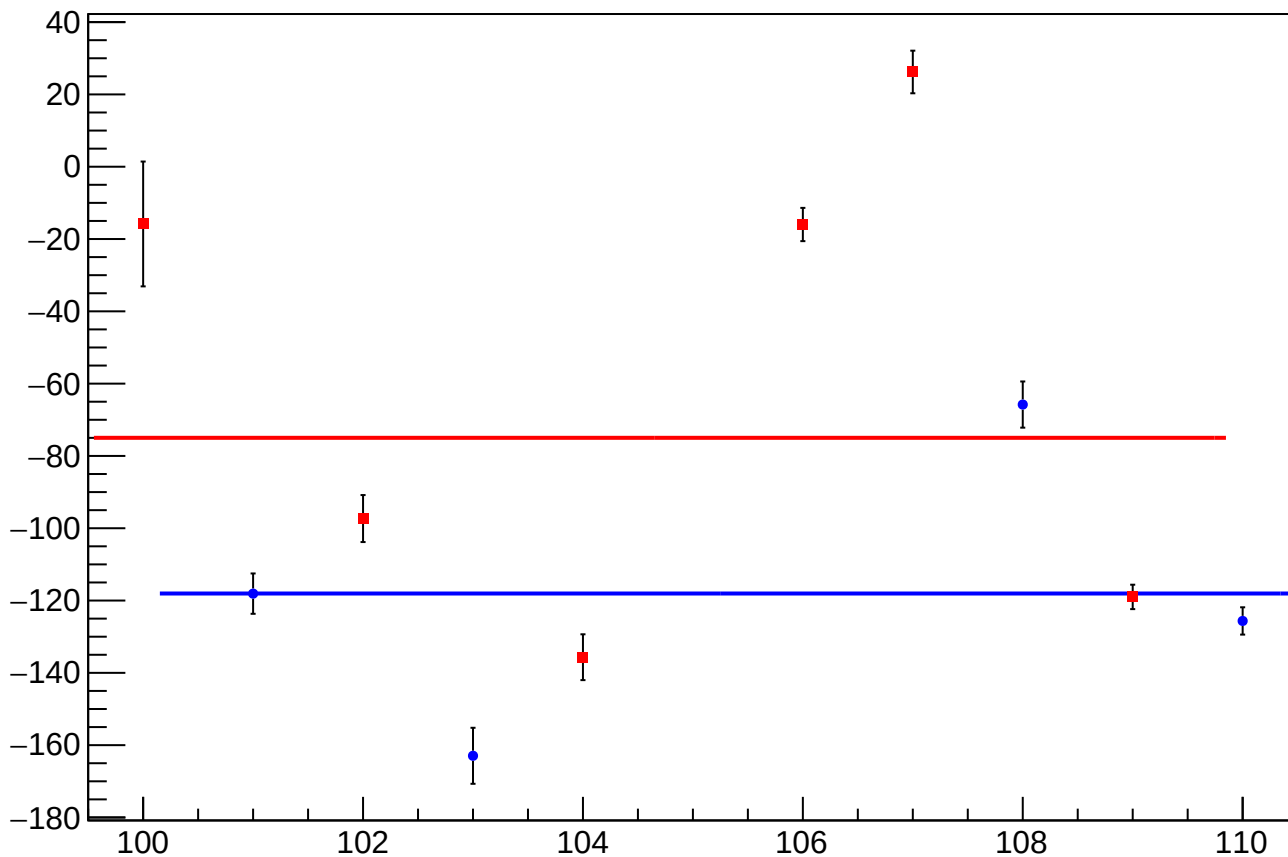
Right: -11.378+/-1.720 χ^2/NDF : 165.2/9

In: -15.422+/-2.796 χ^2/NDF : 59.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.378+/-1.720 χ^2/NDF : 165.2/9

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -118.054+/-2.641 χ^2 /NDF: 104.6/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -74.987+/-2.153 χ^2 /NDF: 744.5/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

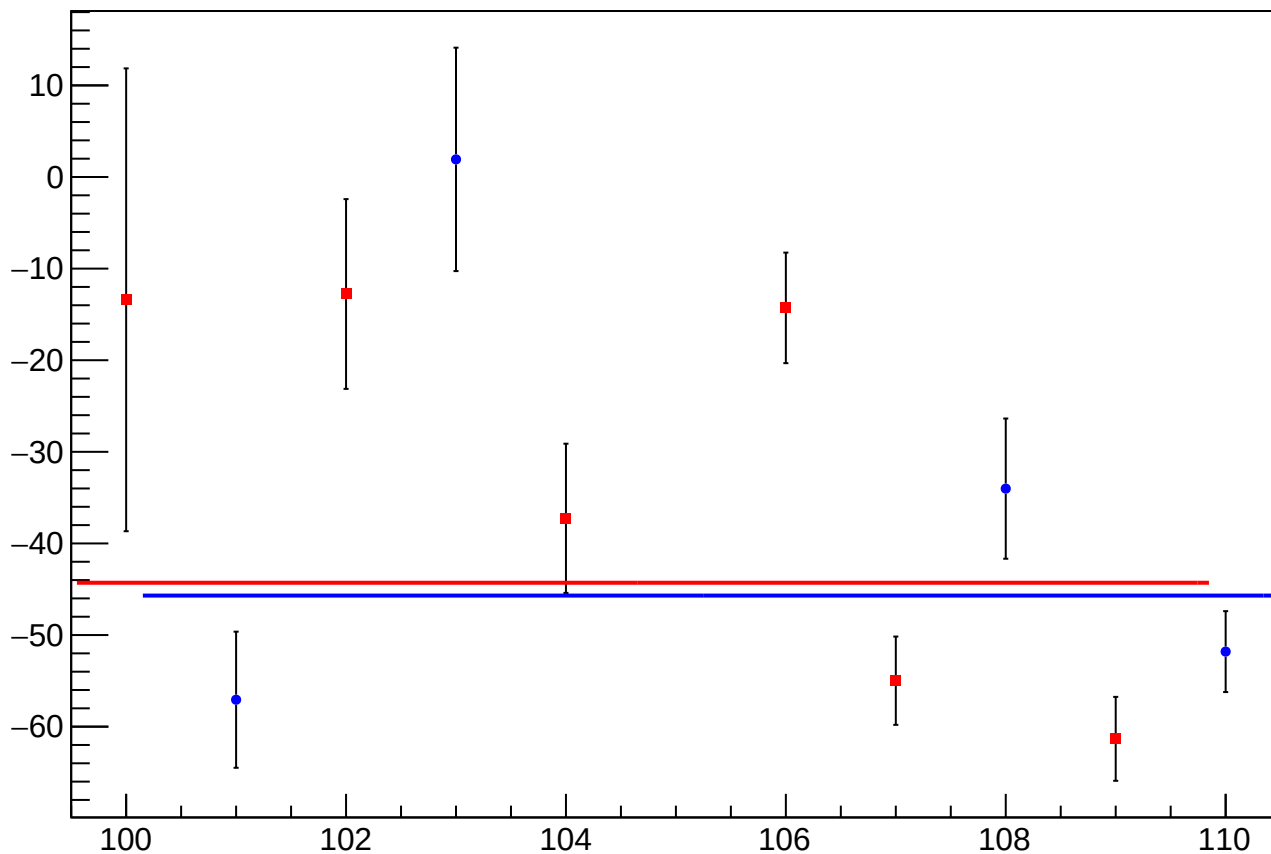
Right: -92.185+/-1.669 χ^2 /NDF: 1008.9/9

In: -118.054+/-2.641 χ^2 /NDF:104.6/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -92.185+/-1.669 χ^2 /NDF: 1008.9/9

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -45.692 $\pm$ 3.276 χ^2 /NDF: 21.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -44.291 $\pm$ 2.634 χ^2 /NDF: 55.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

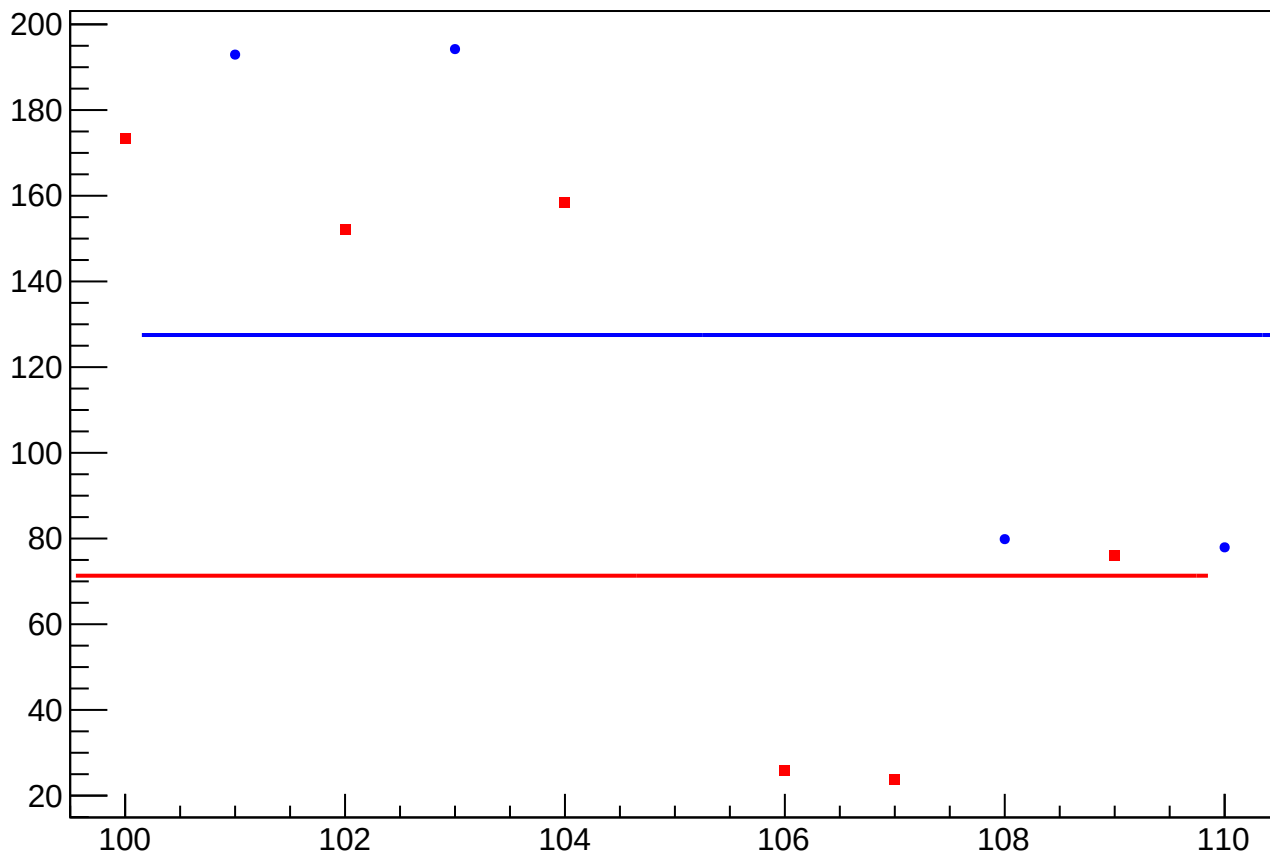
Right: -44.841 $\pm$ 2.053 χ^2 /NDF: 76.9/9

In: -45.692 $\pm$ 3.276 χ^2 /NDF:21.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.841 $\pm$ 2.053 χ^2 /NDF: 76.9/9

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.500 $\pm$ 0.153 χ^2 /NDF: 137145.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 71.323 $\pm$ 0.108 χ^2 /NDF: 271810.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

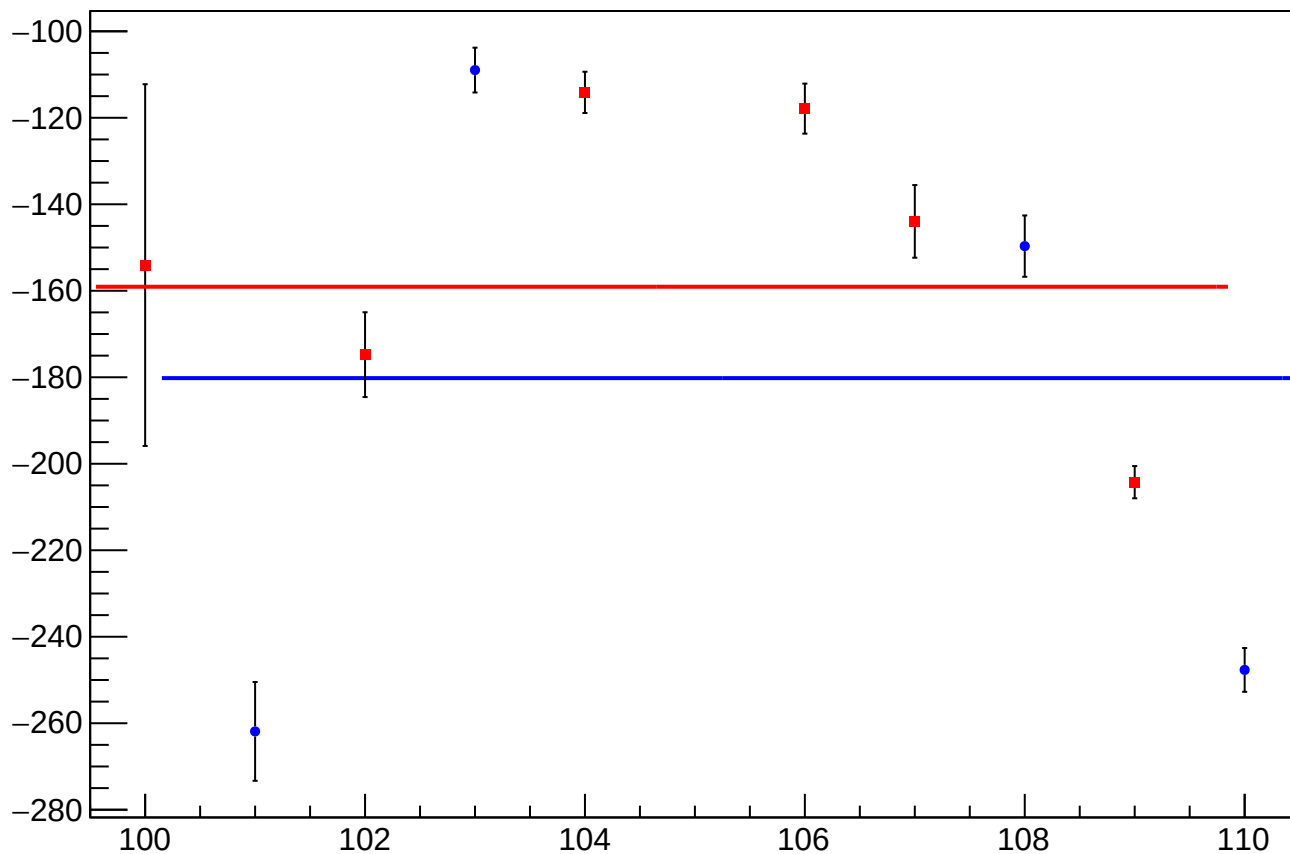
Right: 90.129 $\pm$ 0.088 χ^2 /NDF: 498900.6/9

In: 127.500 $\pm$ 0.153 χ^2 /NDF:137145.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.129 $\pm$ 0.088 χ^2 /NDF: 498900.6/9

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -180.197+/-3.103 χ^2/NDF : 436.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.063+/-2.418 χ^2/NDF : 292.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

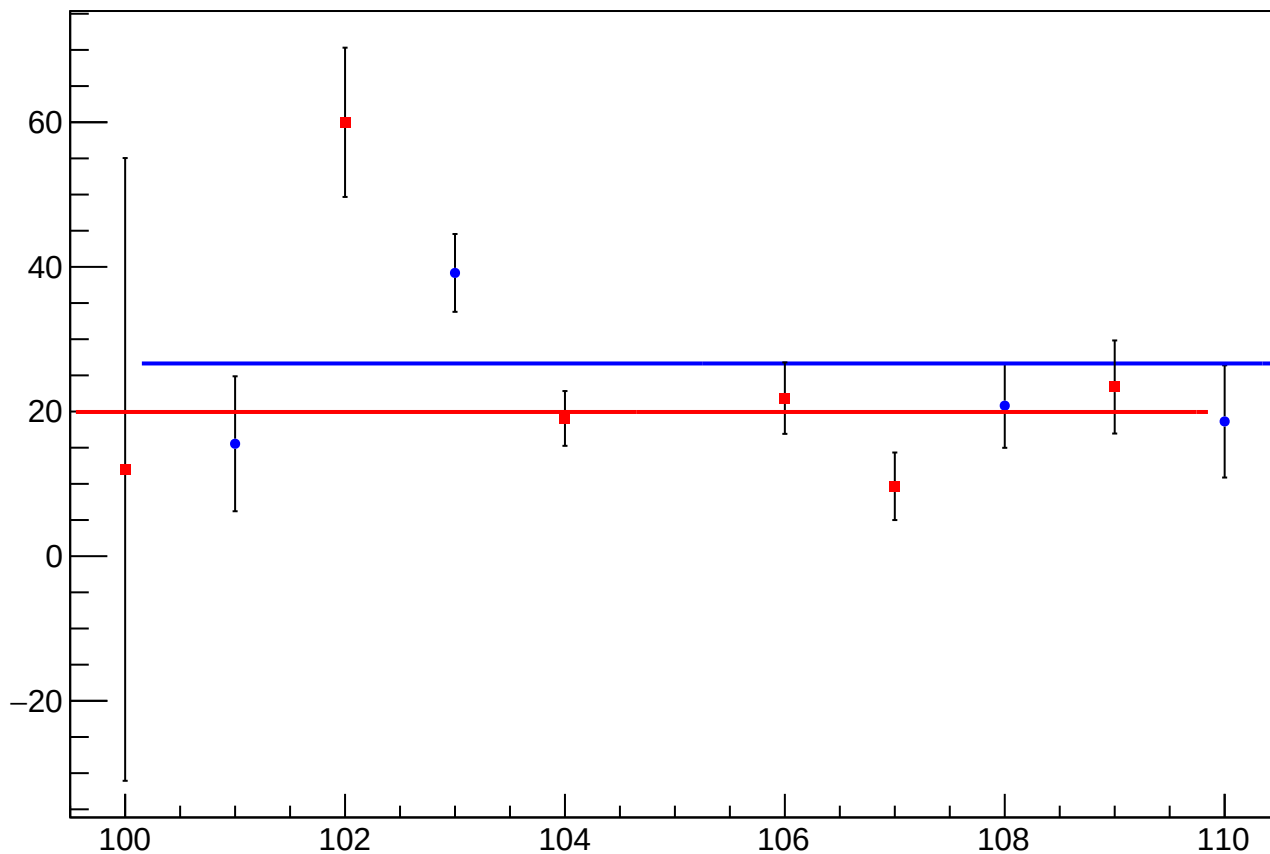
Right: -167.048+/-1.907 χ^2/NDF : 757.6/9

In: -180.197+/-3.103 χ^2/NDF : 436.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -167.048+/-1.907 χ^2/NDF : 757.6/9

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 26.645 $\pm$ 3.295 χ^2 /NDF: 8.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.939 $\pm$ 2.290 χ^2 /NDF: 20.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

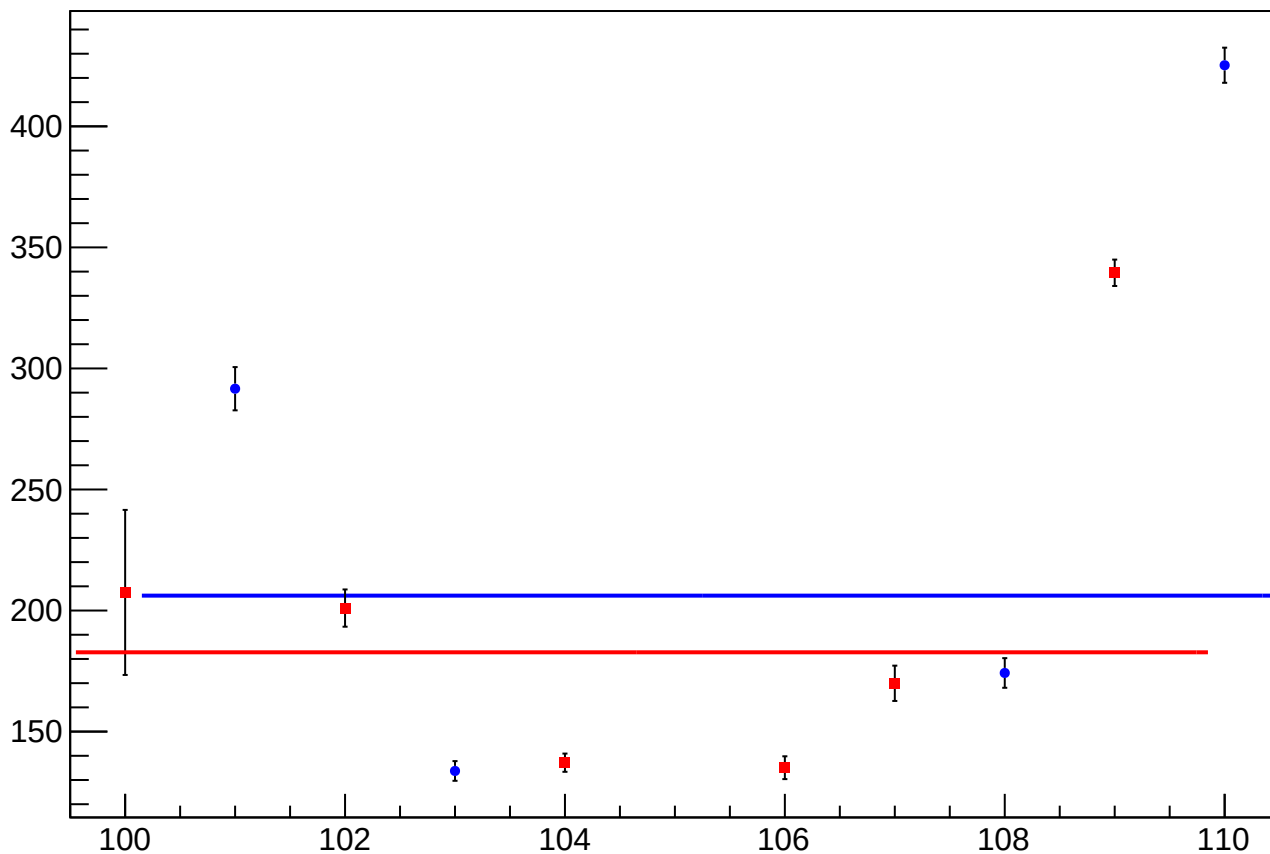
Right: 22.123 $\pm$ 1.881 χ^2 /NDF: 32.1/9

In: 26.645 $\pm$ 3.295 χ^2 /NDF: 8.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.123 $\pm$ 1.881 χ^2 /NDF: 32.1/9

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 206.157+/-2.903 χ^2/NDF : 1347.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 182.749+/-2.320 χ^2/NDF : 1085.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

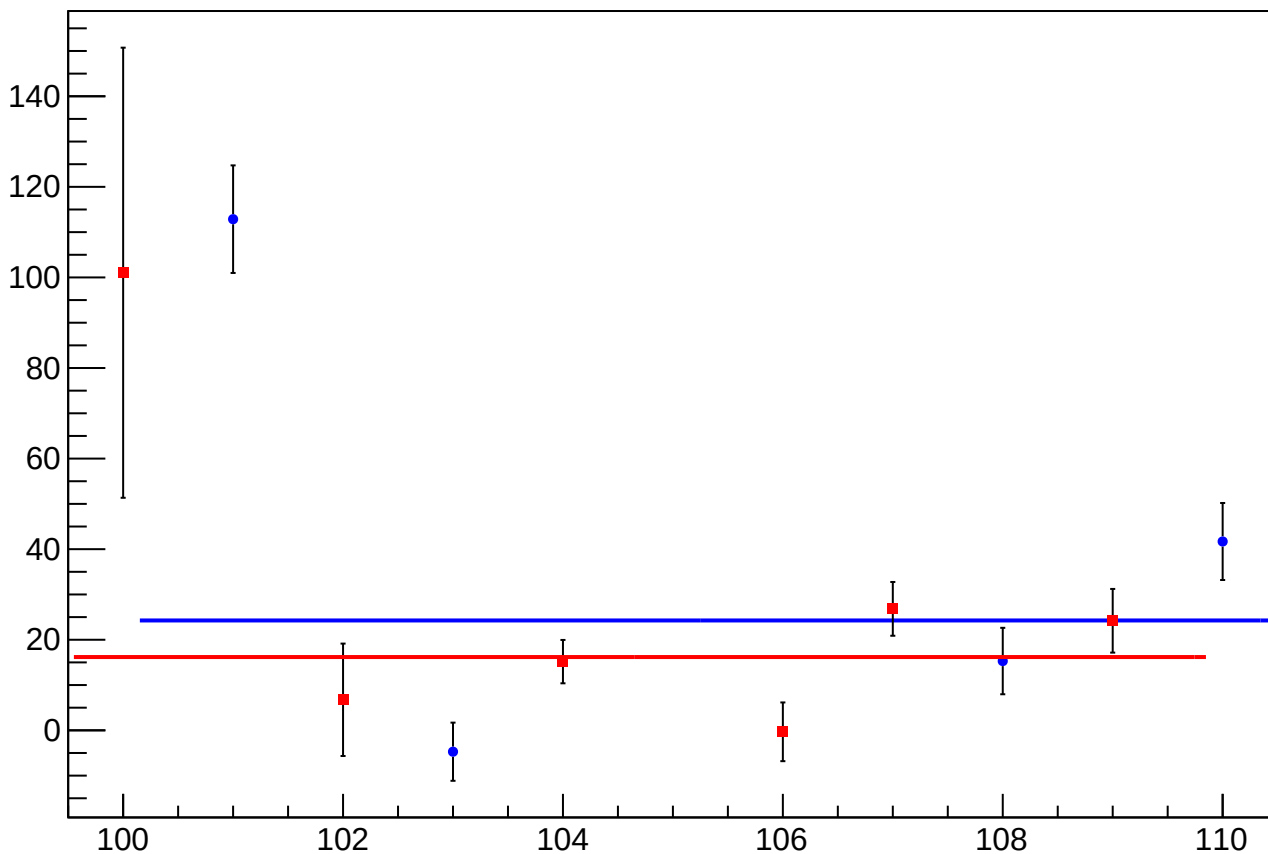
Right: 191.872+/-1.812 χ^2/NDF : 2472.8/9

In: 206.157+/-2.903 χ^2/NDF :1347.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 191.872+/-1.812 χ^2/NDF : 2472.8/9

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.260+/-3.960 χ^2/NDF : 81.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.182+/-2.852 χ^2/NDF : 14.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

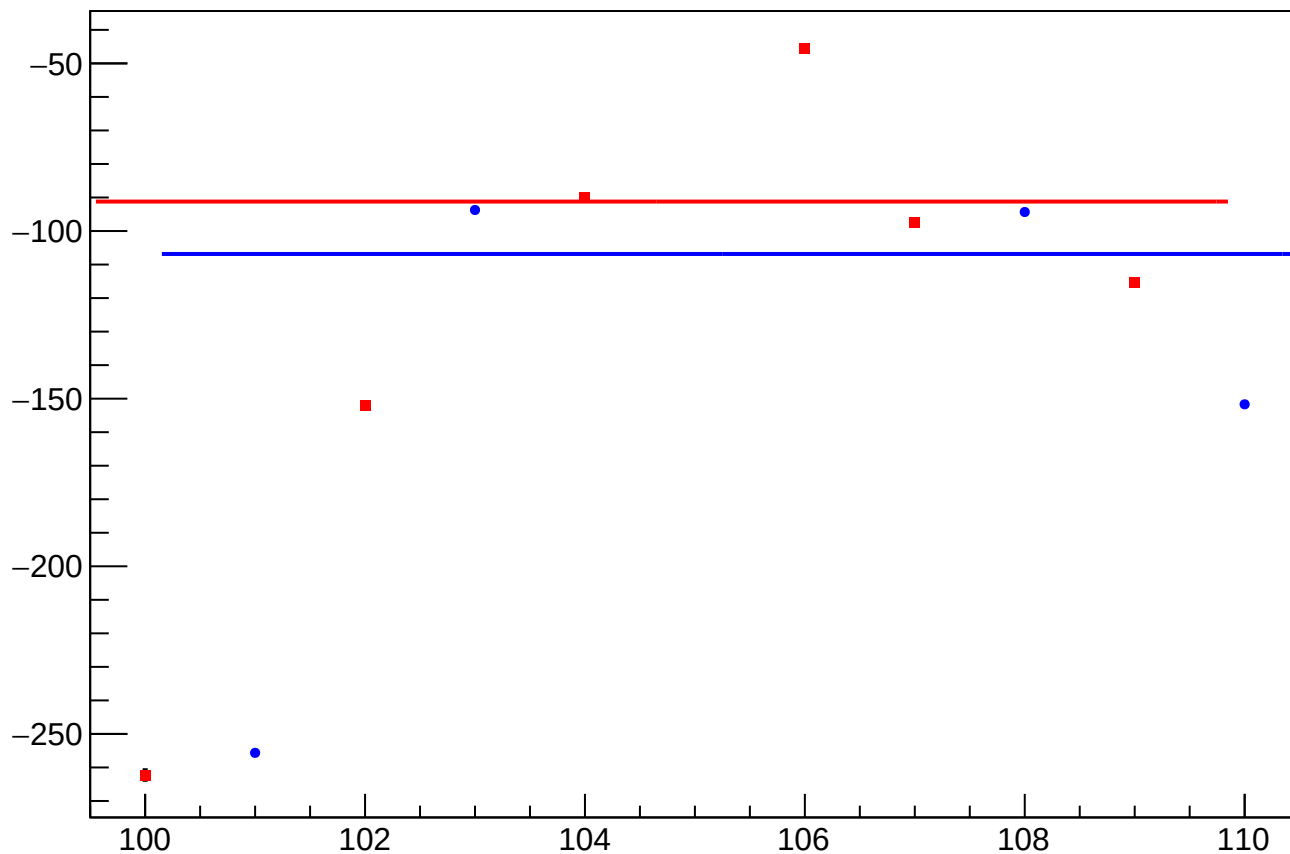
Right: 18.941+/-2.314 χ^2/NDF : 99.0/9

In: 24.260+/-3.960 χ^2/NDF : 81.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.941+/-2.314 χ^2/NDF : 99.0/9

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -106.841+/-0.133 χ^2/NDF : 92479.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.213+/-0.114 χ^2/NDF : 87063.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

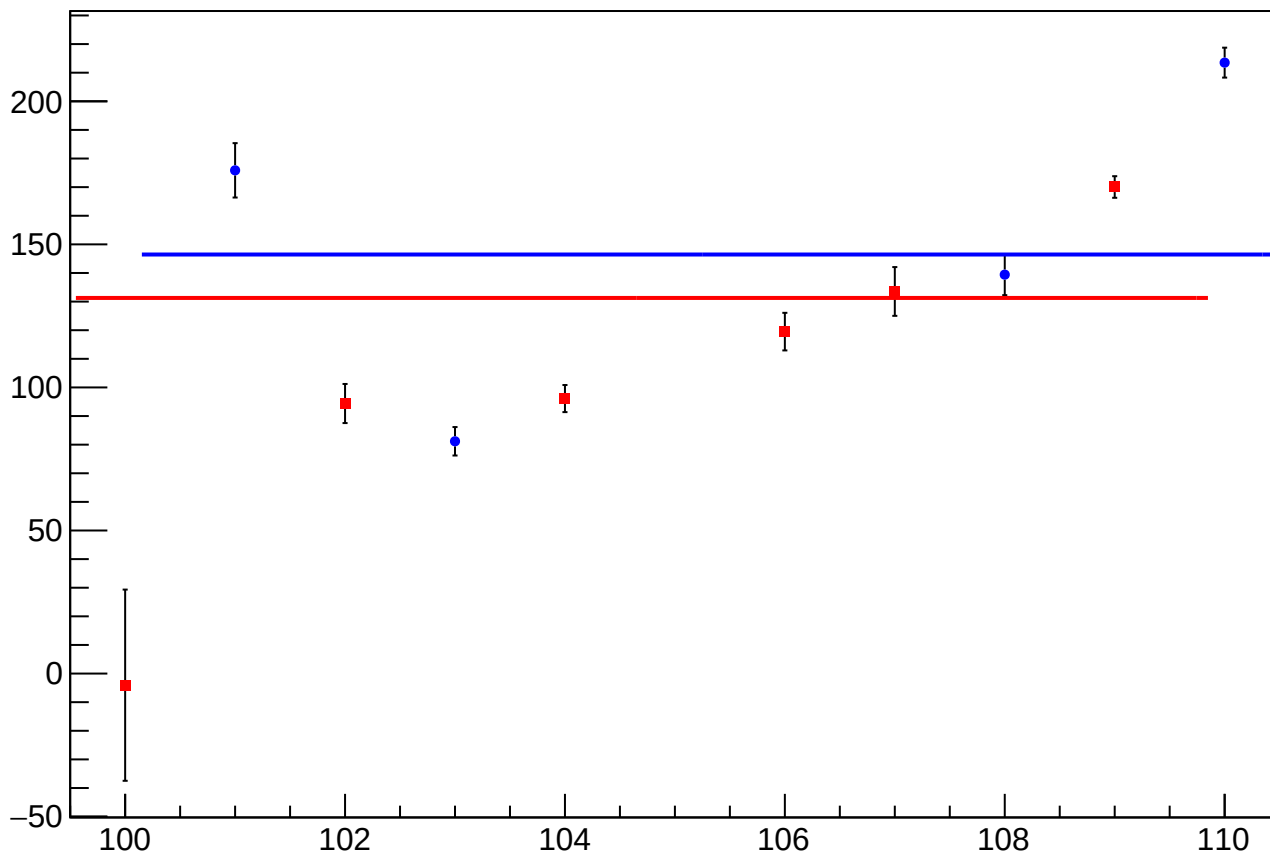
Right: -97.826+/-0.086 χ^2/NDF : 187523.7/9

In: -106.841+/-0.133 χ^2/NDF : 92479.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.826+/-0.086 χ^2/NDF : 187523.7/9

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 146.454 $\pm$ 3.049 χ^2 /NDF: 347.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 131.277 $\pm$ 2.397 χ^2 /NDF: 209.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

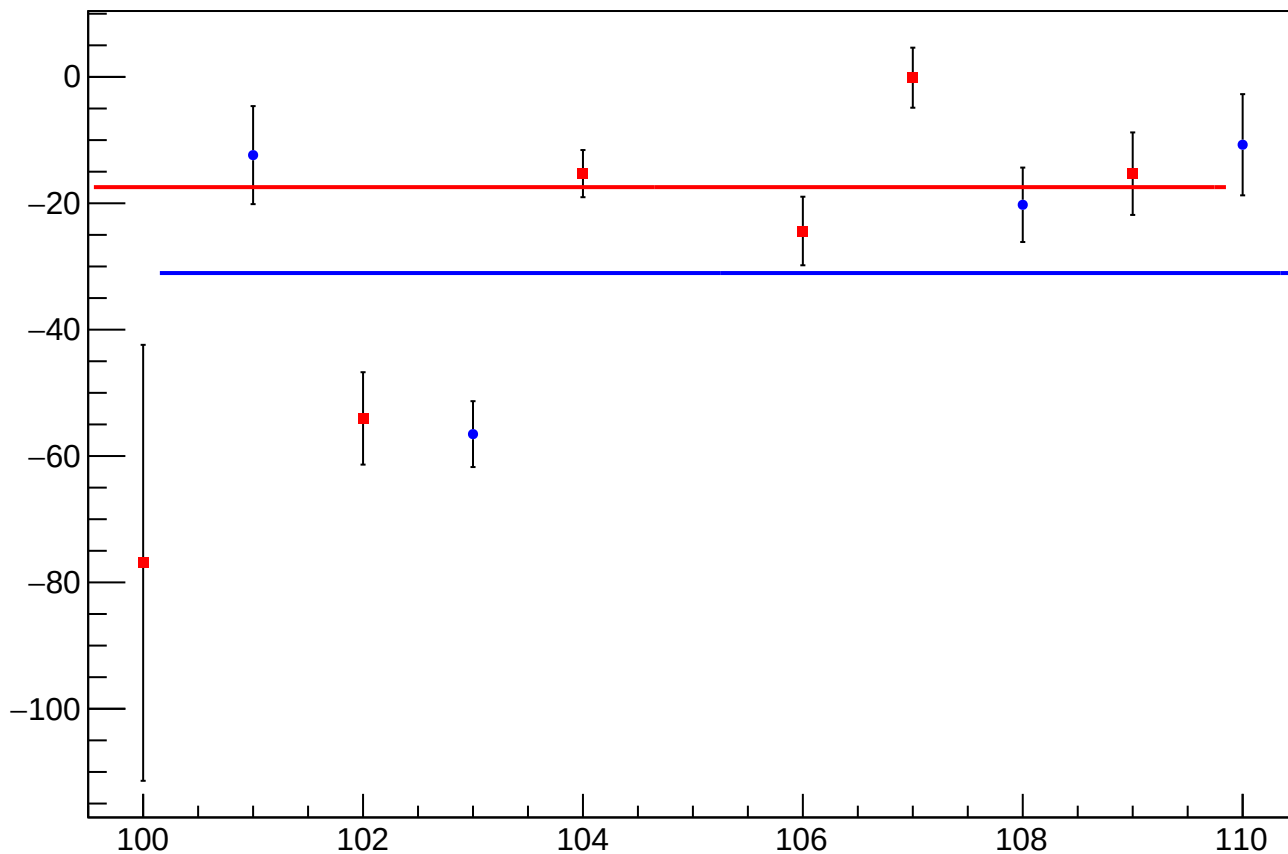
Right: 137.073 $\pm$ 1.884 χ^2 /NDF: 572.2/9

In: 146.454 $\pm$ 3.049 χ^2 /NDF:347.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137.073 $\pm$ 1.884 χ^2 /NDF: 572.2/9

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -31.040 $\pm$ 3.197 χ^2 /NDF: 39.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -17.443 $\pm$ 2.276 χ^2 /NDF: 43.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

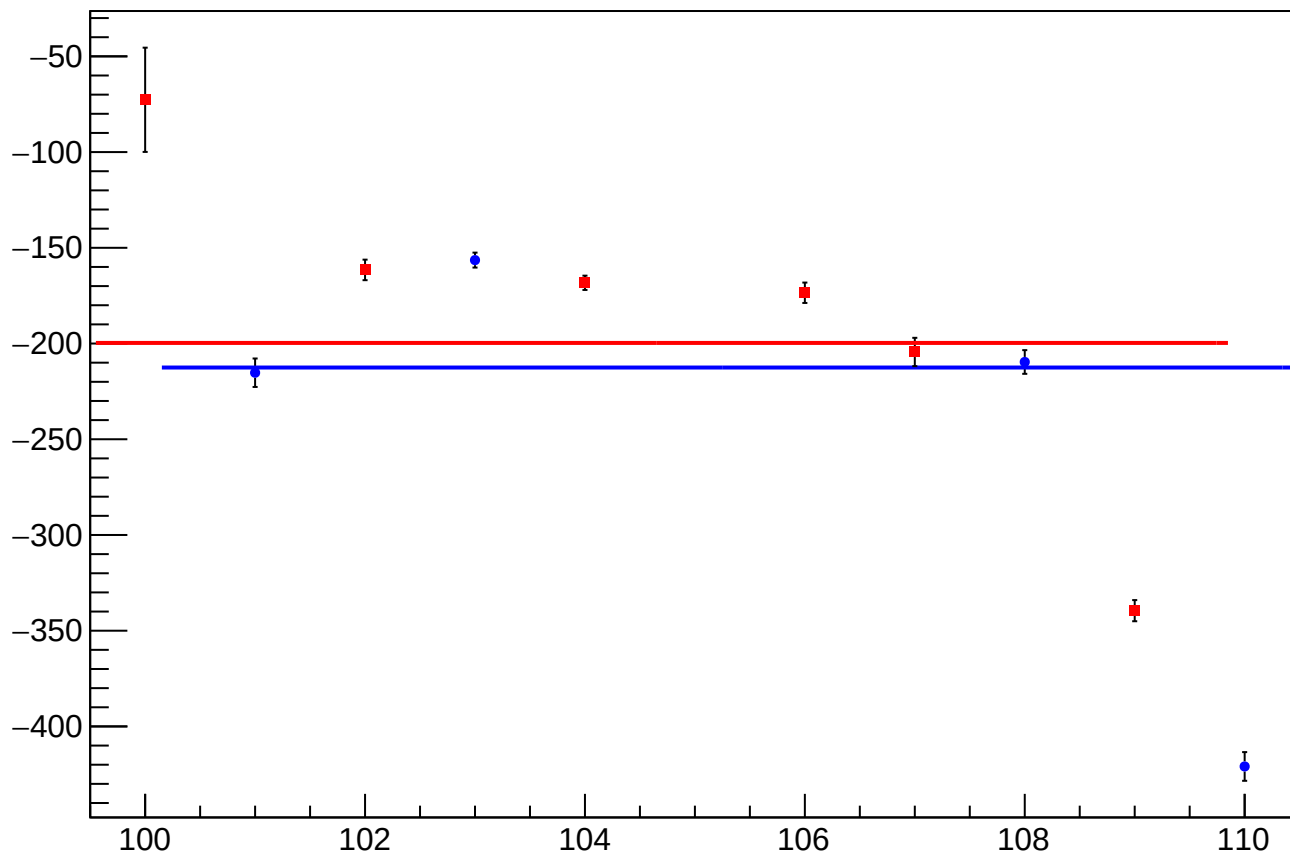
Right: -22.016 $\pm$ 1.854 χ^2 /NDF: 94.9/9

In: -31.040 $\pm$ 3.197 χ^2 /NDF:39.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.016 $\pm$ 1.854 χ^2 /NDF: 94.9/9

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -212.534+/-2.799 χ^2/NDF : 980.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -199.687+/-2.269 χ^2/NDF : 809.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

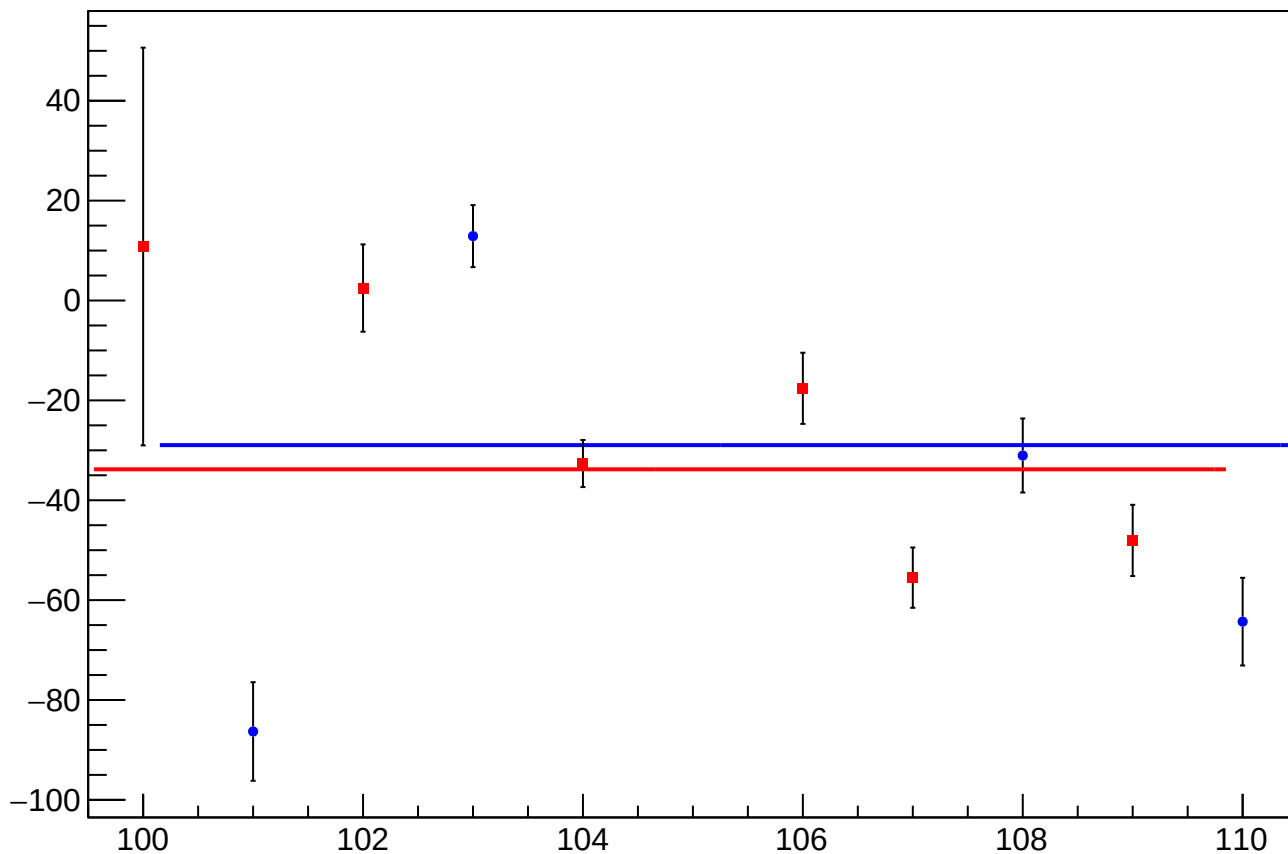
Right: -204.782+/-1.763 χ^2/NDF : 1802.2/9

In: -212.534+/-2.799 χ^2/NDF : 980.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -204.782+/-1.763 χ^2/NDF : 1802.2/9

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.959 ± 3.854 $\chi^2/\text{NDF}: 95.4/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -33.804 ± 2.823 $\chi^2/\text{NDF}: 40.6/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

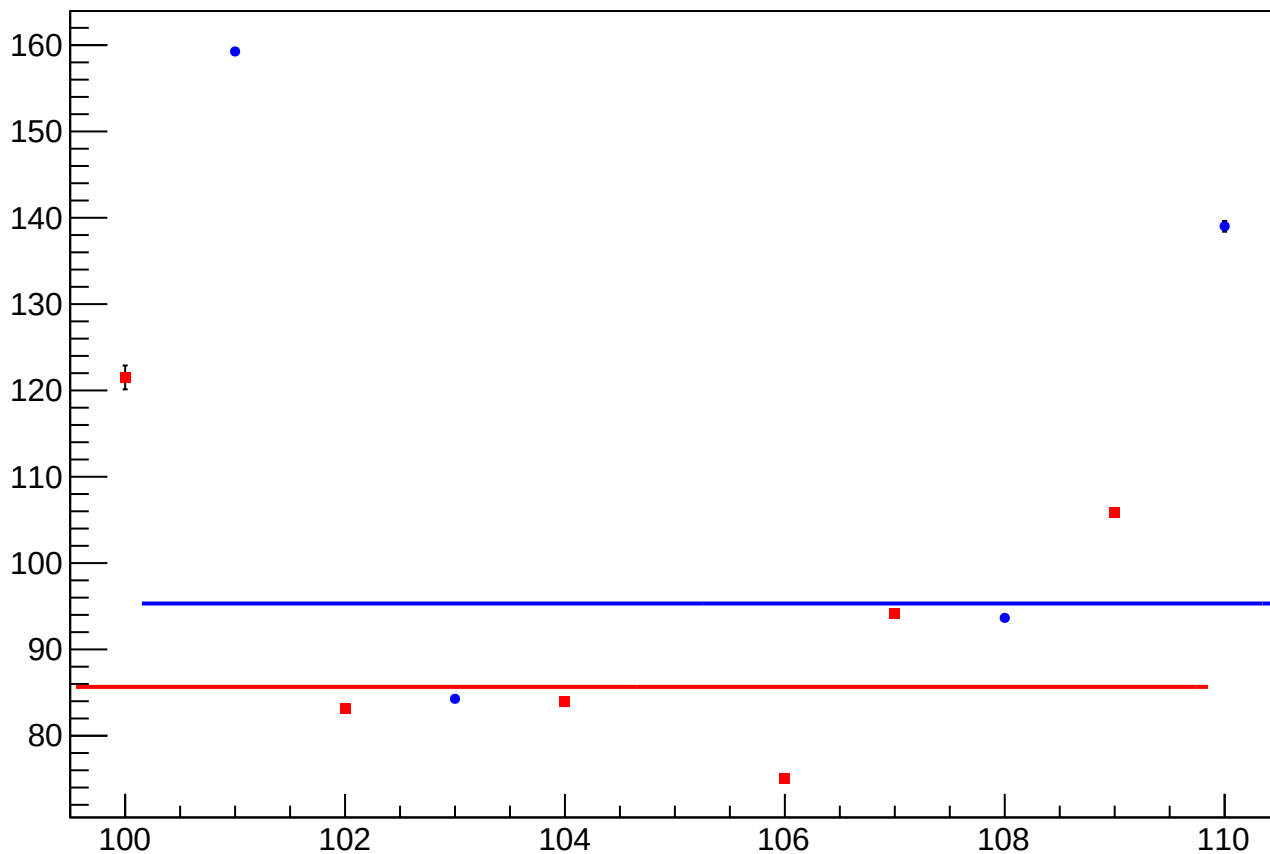
Right: -32.112 ± 2.278 $\chi^2/\text{NDF}: 137.1/9$

In: -28.959 ± 3.854 $\chi^2/\text{NDF}: 95.4/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -32.112 ± 2.278 $\chi^2/\text{NDF}: 137.1/9$

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.318+/-0.128 χ^2/NDF : 30571.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.660+/-0.109 χ^2/NDF : 6412.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

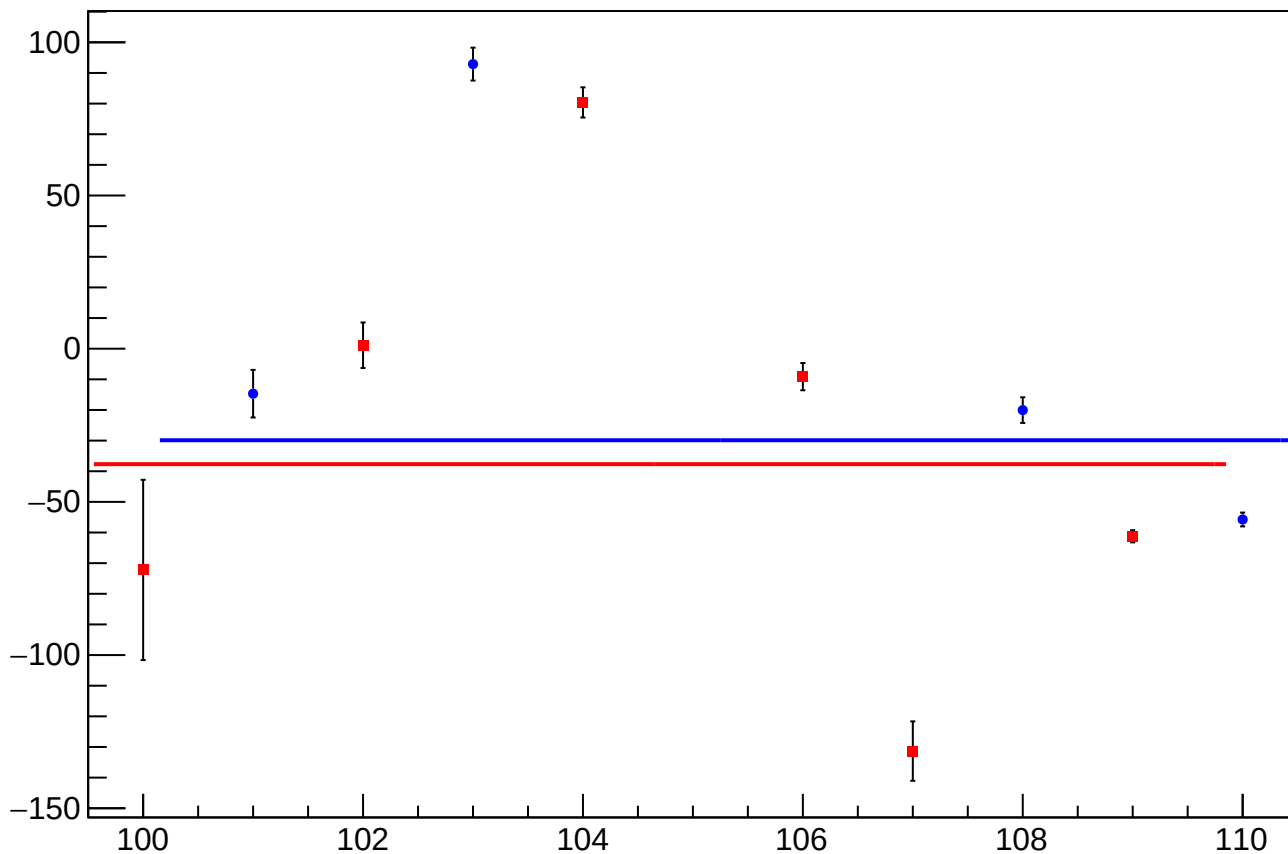
Right: 89.703+/-0.083 χ^2/NDF : 40285.2/9

In: 95.318+/-0.128 χ^2/NDF : 30571.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.703+/-0.083 χ^2/NDF : 40285.2/9

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.885 ± 1.811 χ^2/NDF : 664.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.694 ± 1.631 χ^2/NDF : 879.1/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

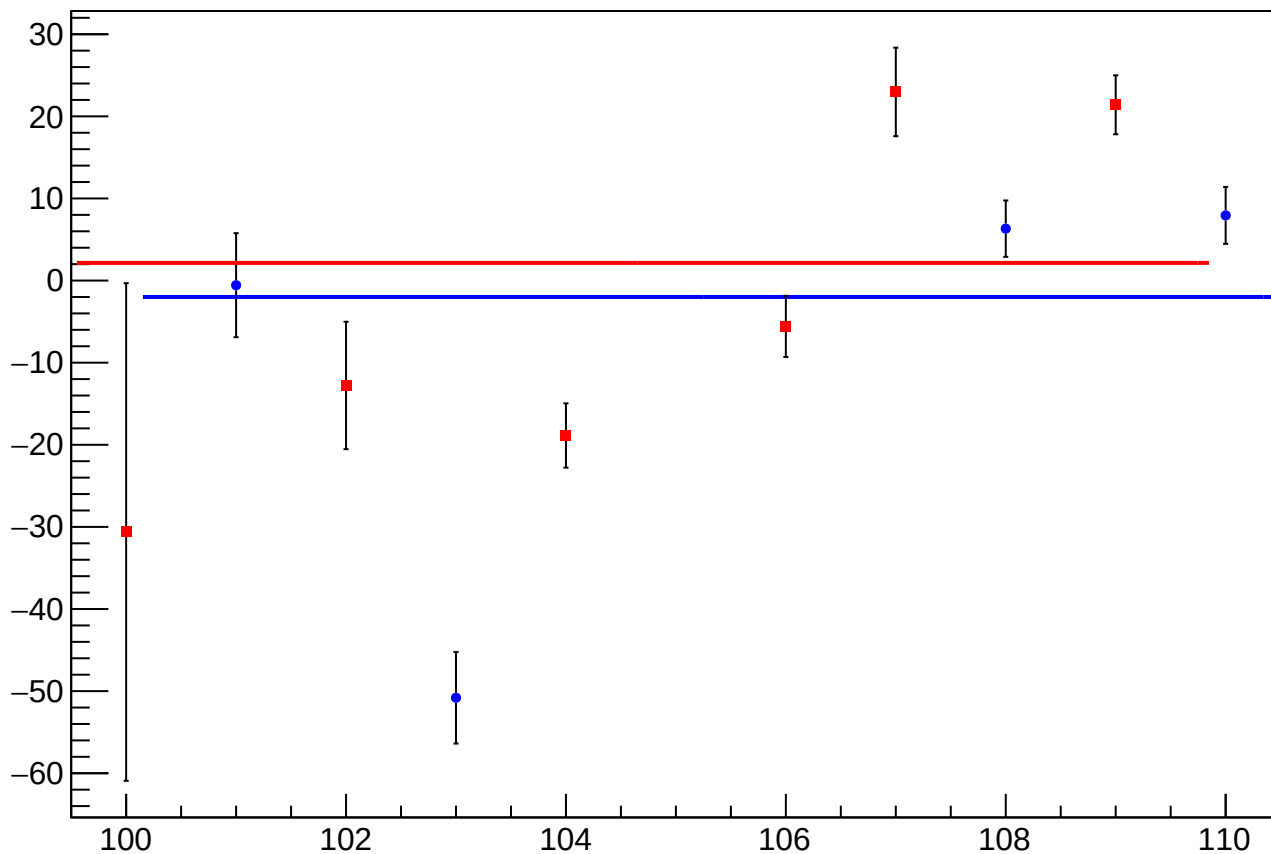
Right: -34.196 ± 1.212 χ^2/NDF : 1554.0/9

In: -29.885 ± 1.811 χ^2/NDF : 664.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.196 ± 1.212 χ^2/NDF : 1554.0/9

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.997 $\pm$ 2.107 χ^2 /NDF: 90.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.152 $\pm$ 1.934 χ^2 /NDF: 81.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

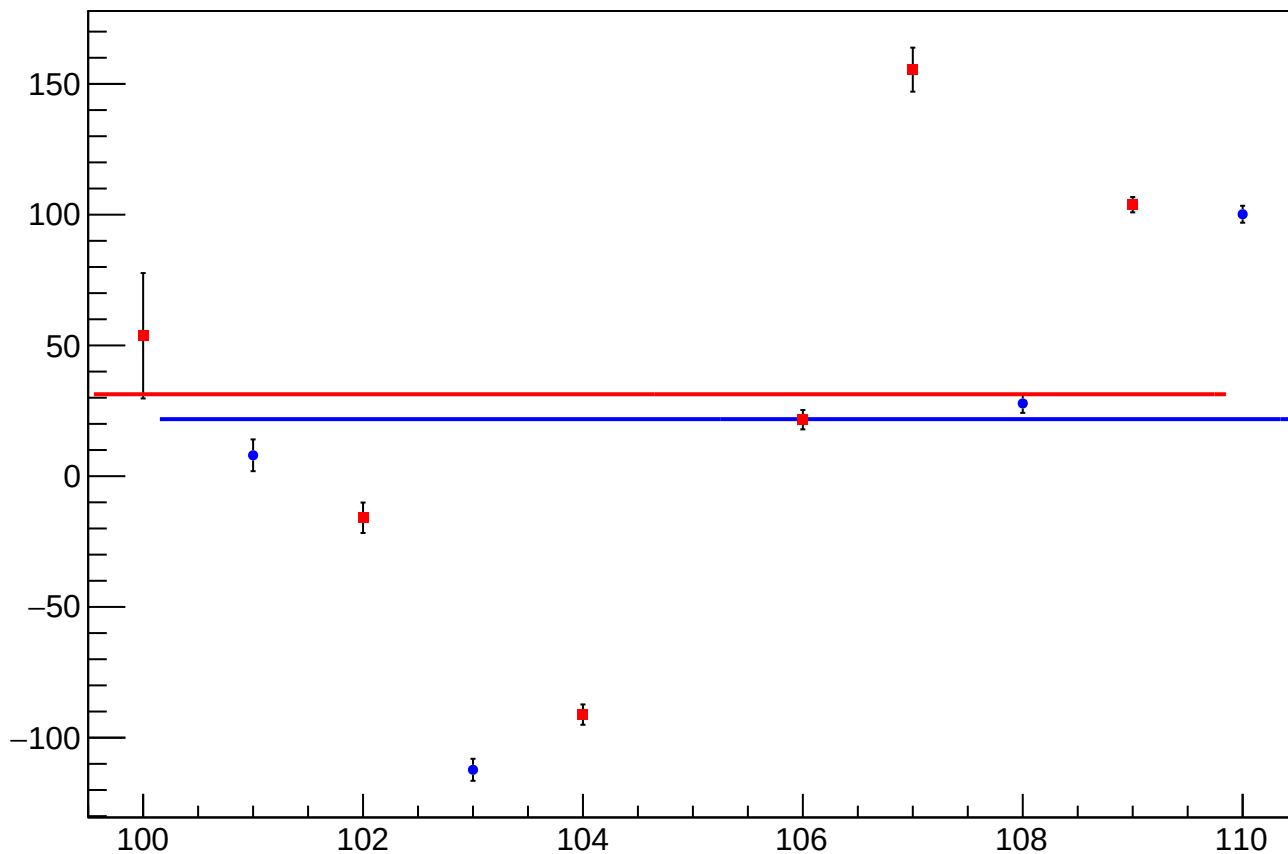
Right: 0.255 $\pm$ 1.425 χ^2 /NDF: 174.7/9

In: -1.997 $\pm$ 2.107 χ^2 /NDF:90.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.255 $\pm$ 1.425 χ^2 /NDF: 174.7/9

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 21.812+/-1.977 χ^2/NDF : 1610.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.333+/-1.822 χ^2/NDF : 1897.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

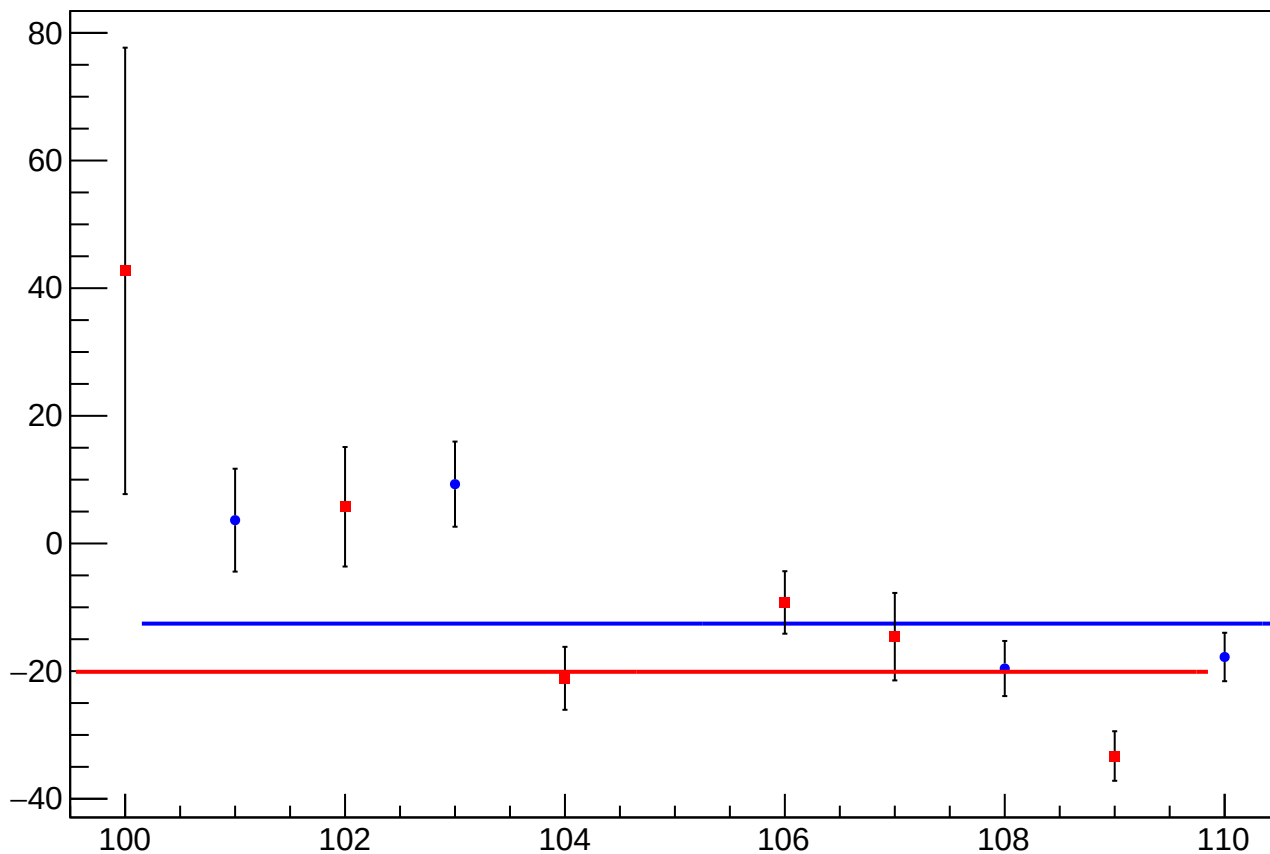
Right: 26.961+/-1.340 χ^2/NDF : 3519.9/9

In: 21.812+/-1.977 χ^2/NDF : 1610.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.961+/-1.340 χ^2/NDF : 3519.9/9

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.555 $\pm$ 2.493 χ^2 /NDF: 19.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.106 $\pm$ 2.340 χ^2 /NDF: 28.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

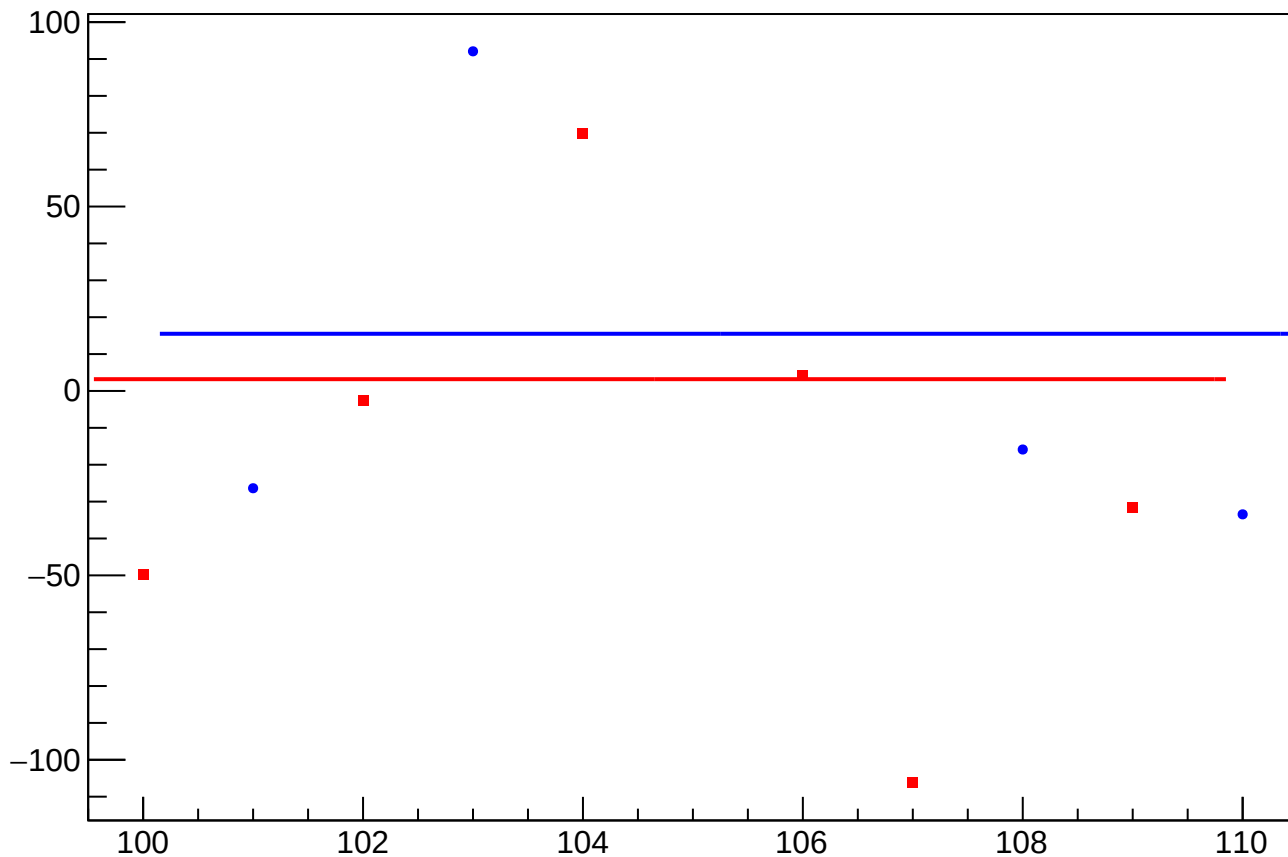
Right: -16.569 $\pm$ 1.706 χ^2 /NDF: 52.2/9

In: -12.555 $\pm$ 2.493 χ^2 /NDF: 19.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.569 $\pm$ 1.706 χ^2 /NDF: 52.2/9

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.504+/-0.100 χ^2/NDF : 280591.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.194+/-0.095 χ^2/NDF : 260954.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

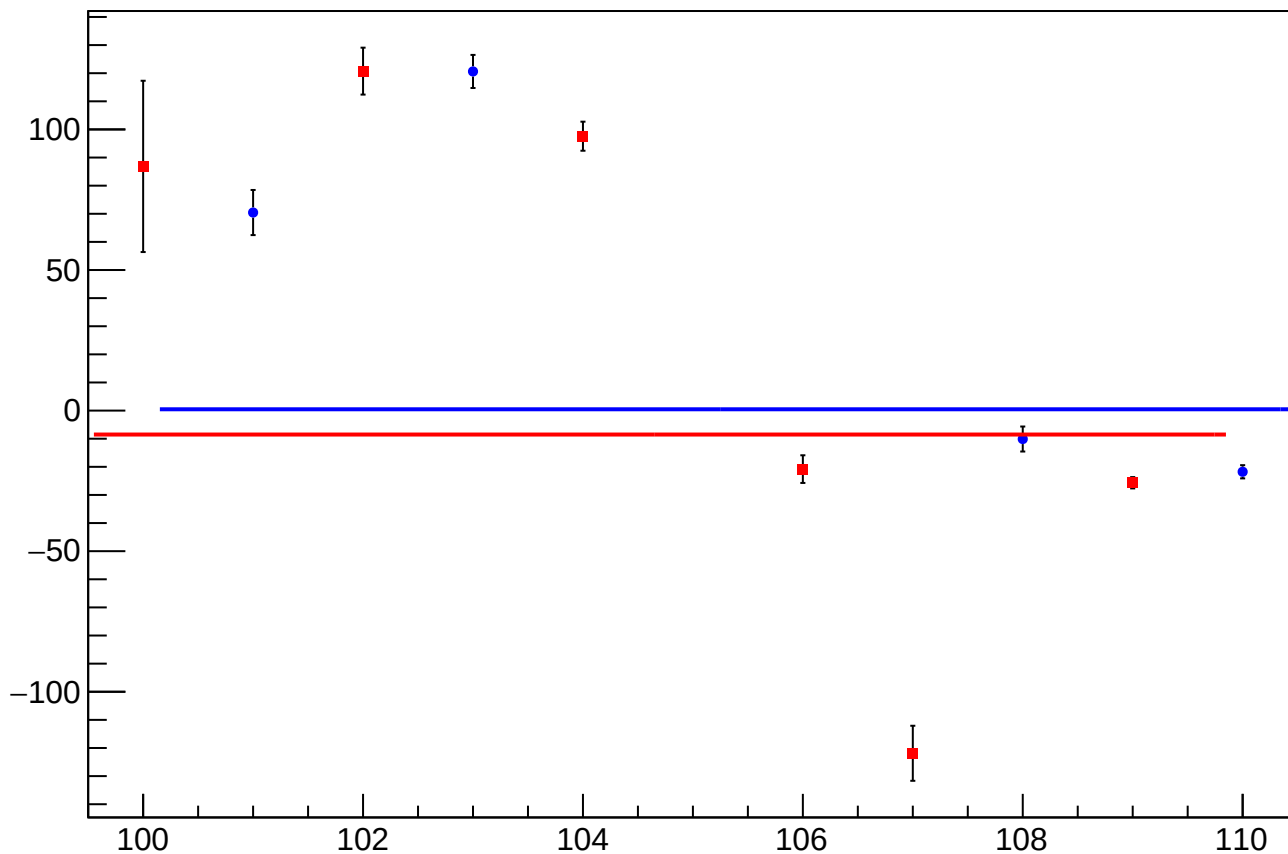
Right: 9.015+/-0.069 χ^2/NDF : 549536.8/9

In: 15.504+/-0.100 χ^2/NDF : 280591.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.015+/-0.069 χ^2/NDF : 549536.8/9

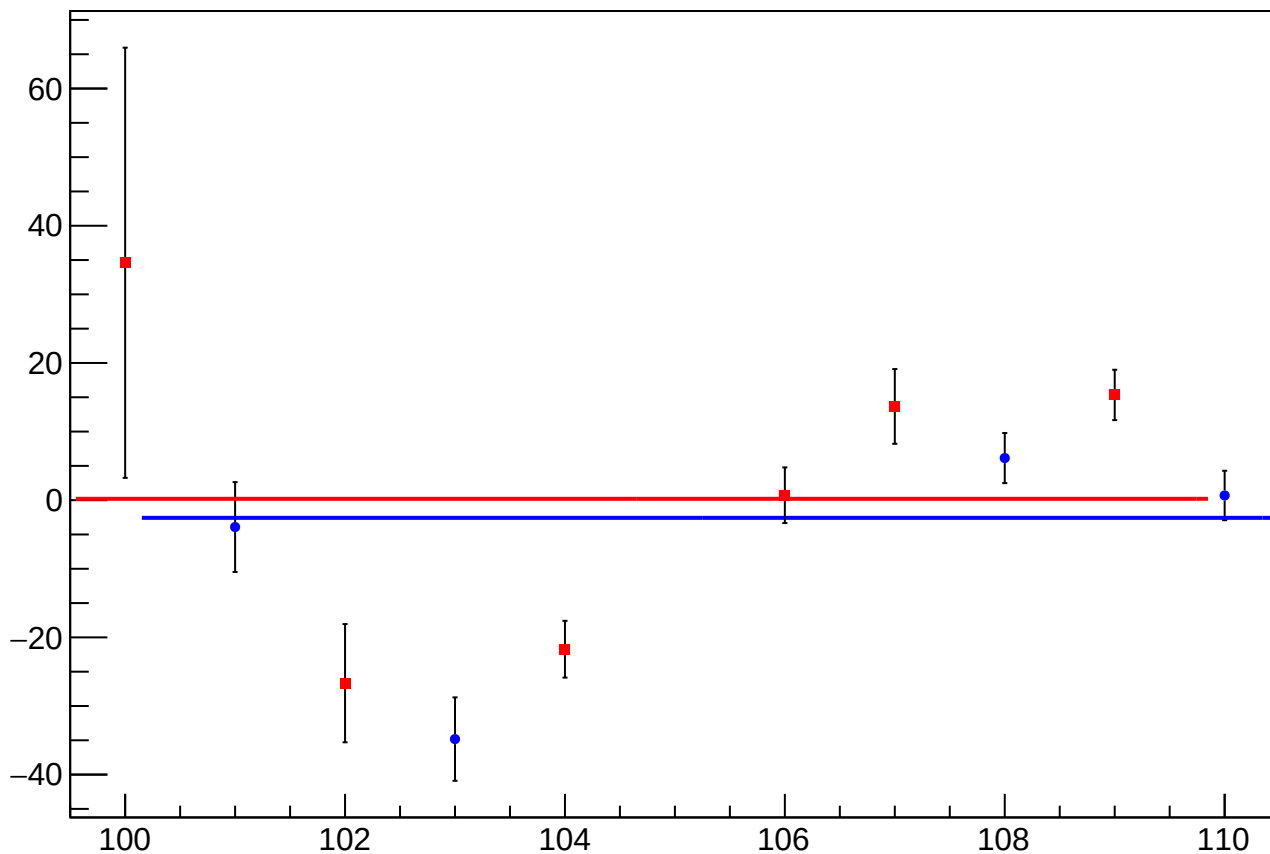
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.467+/-1.903 χ^2/NDF : 588.3/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -8.516+/-1.685 χ^2/NDF : 884.6/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -4.568+/-1.262 χ^2/NDF : 1485.4/9
 In: 0.467+/-1.903 χ^2/NDF : 588.3/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.568+/-1.262 χ^2/NDF : 1485.4/9

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.574+/-2.223 χ^2/NDF : 34.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.201+/-2.035 χ^2/NDF : 62.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

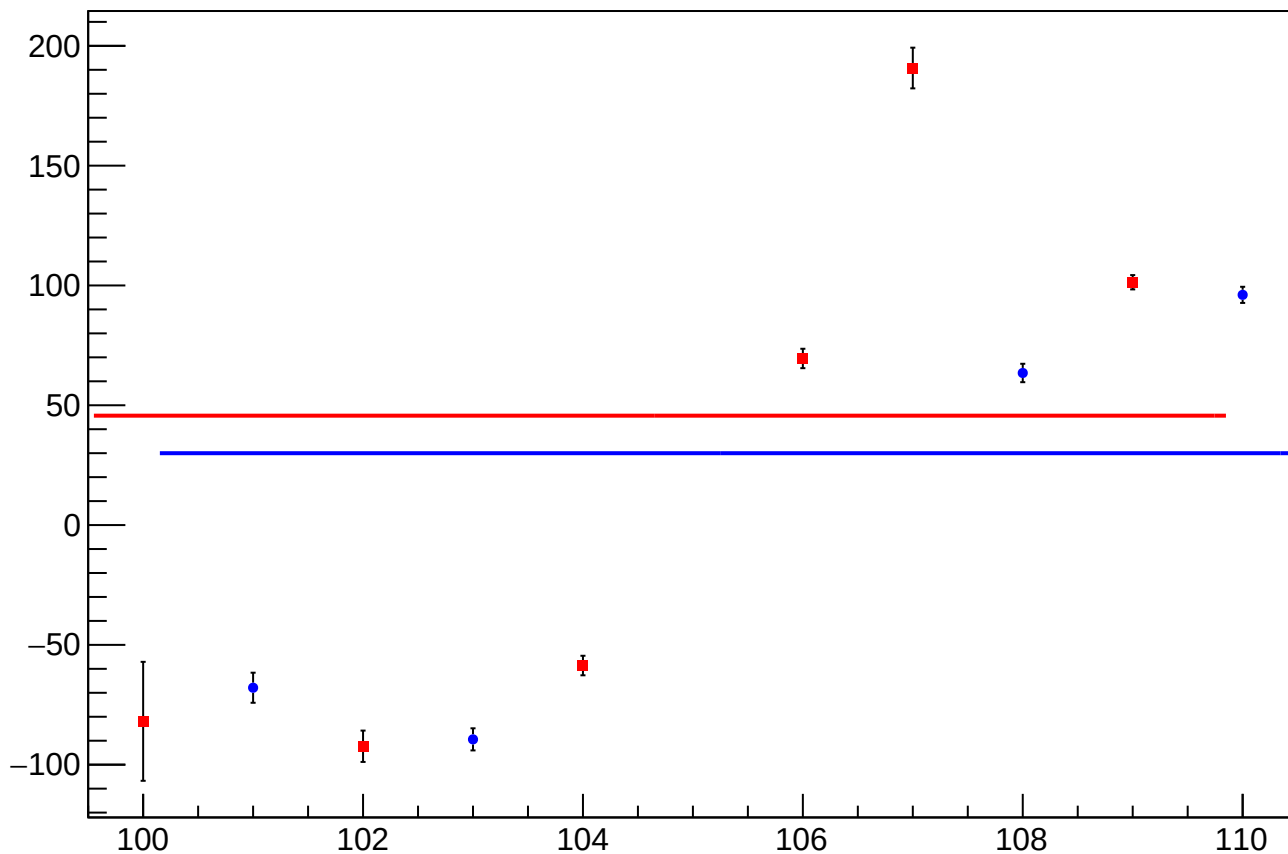
Right: -1.064+/-1.501 χ^2/NDF : 97.7/9

In: -2.574+/-2.223 χ^2/NDF :34.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.064+/-1.501 χ^2/NDF : 97.7/9

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.992 $\pm$ 2.093 χ^2 /NDF: 1374.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 45.657 $\pm$ 1.917 χ^2 /NDF: 1800.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

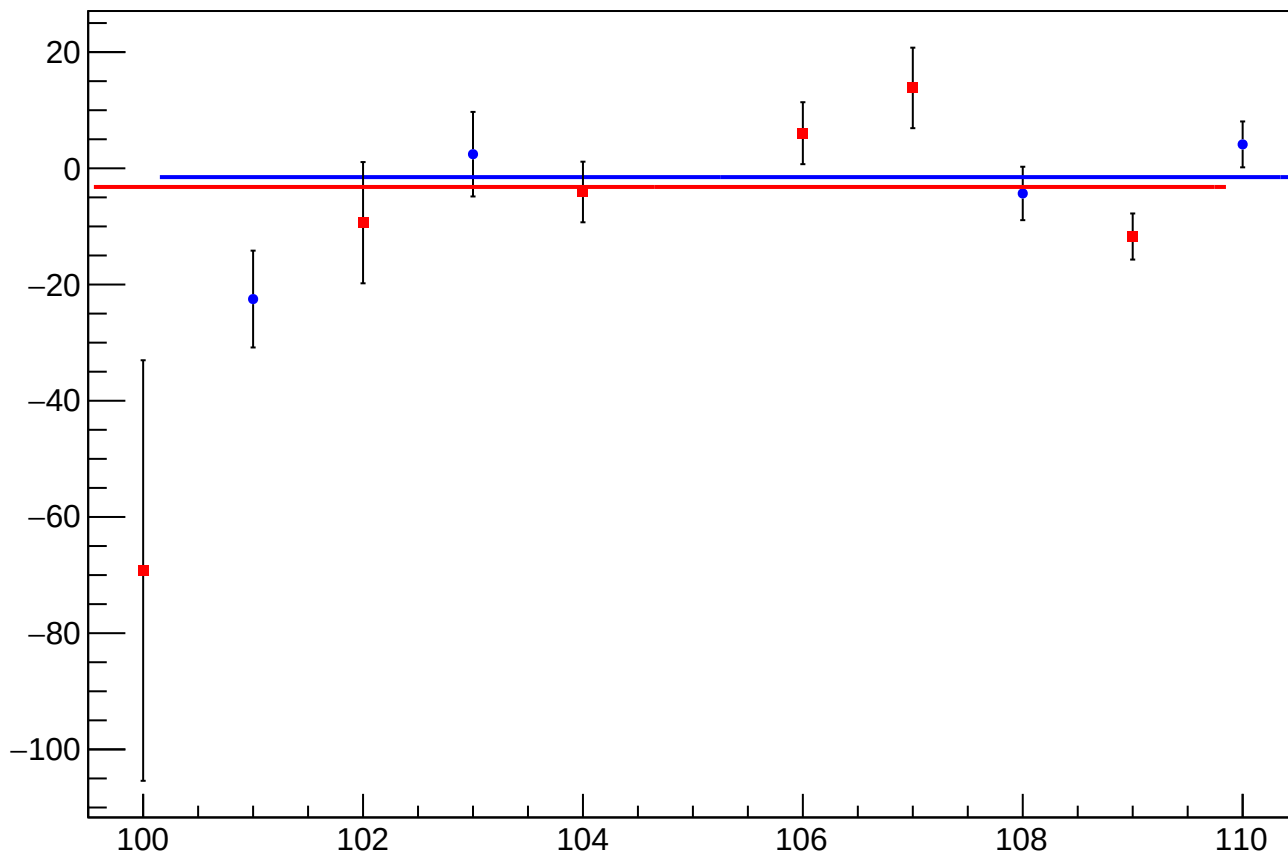
Right: 38.511 $\pm$ 1.414 χ^2 /NDF: 3204.6/9

In: 29.992 $\pm$ 2.093 χ^2 /NDF:1374.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.511 $\pm$ 1.414 χ^2 /NDF: 3204.6/9

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.511 $\pm$ 2.628 χ^2 /NDF: 9.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.207 $\pm$ 2.452 χ^2 /NDF: 17.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

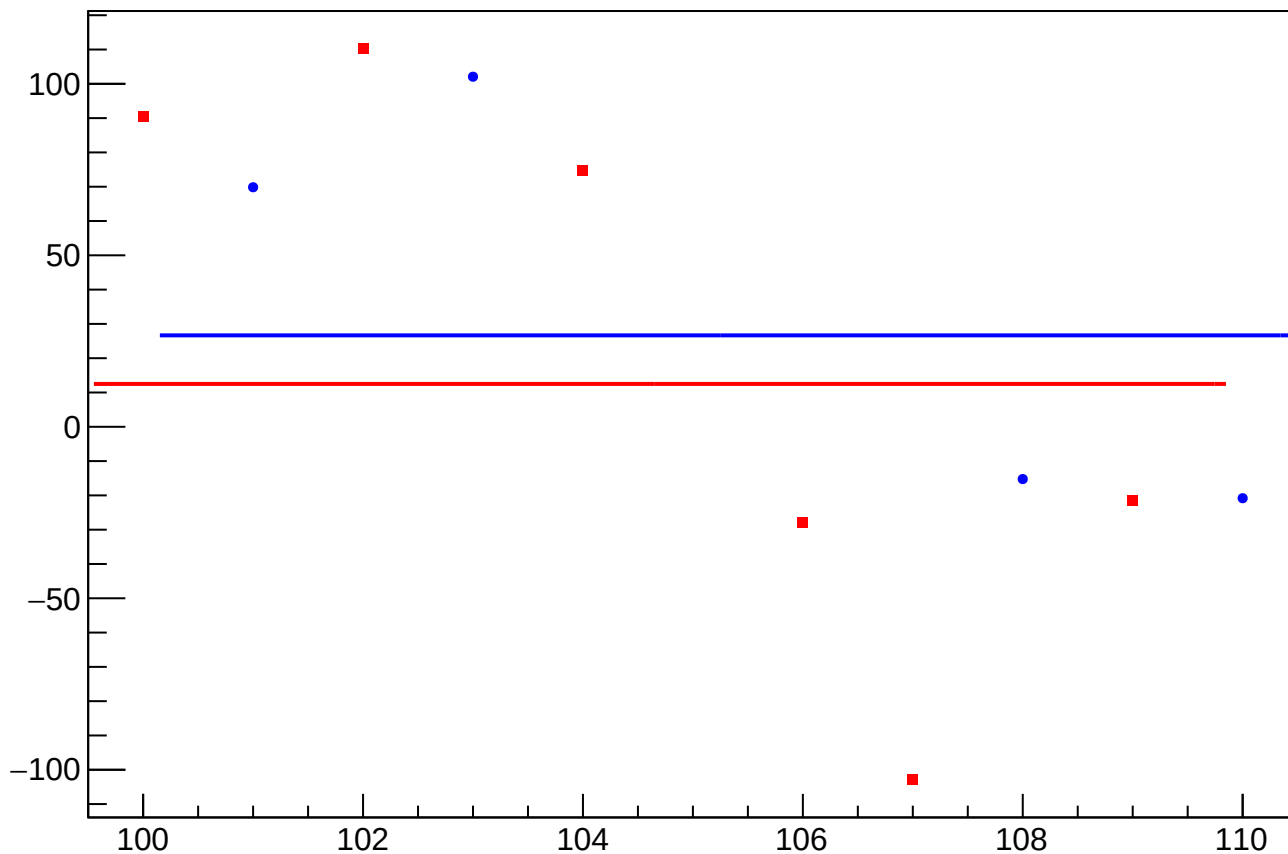
Right: -2.418 $\pm$ 1.793 χ^2 /NDF: 26.7/9

In: -1.511 $\pm$ 2.628 χ^2 /NDF:9.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.418 $\pm$ 1.793 χ^2 /NDF: 26.7/9

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 26.659+/-0.107 χ^2/NDF : 265242.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.500+/-0.101 χ^2/NDF : 405332.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

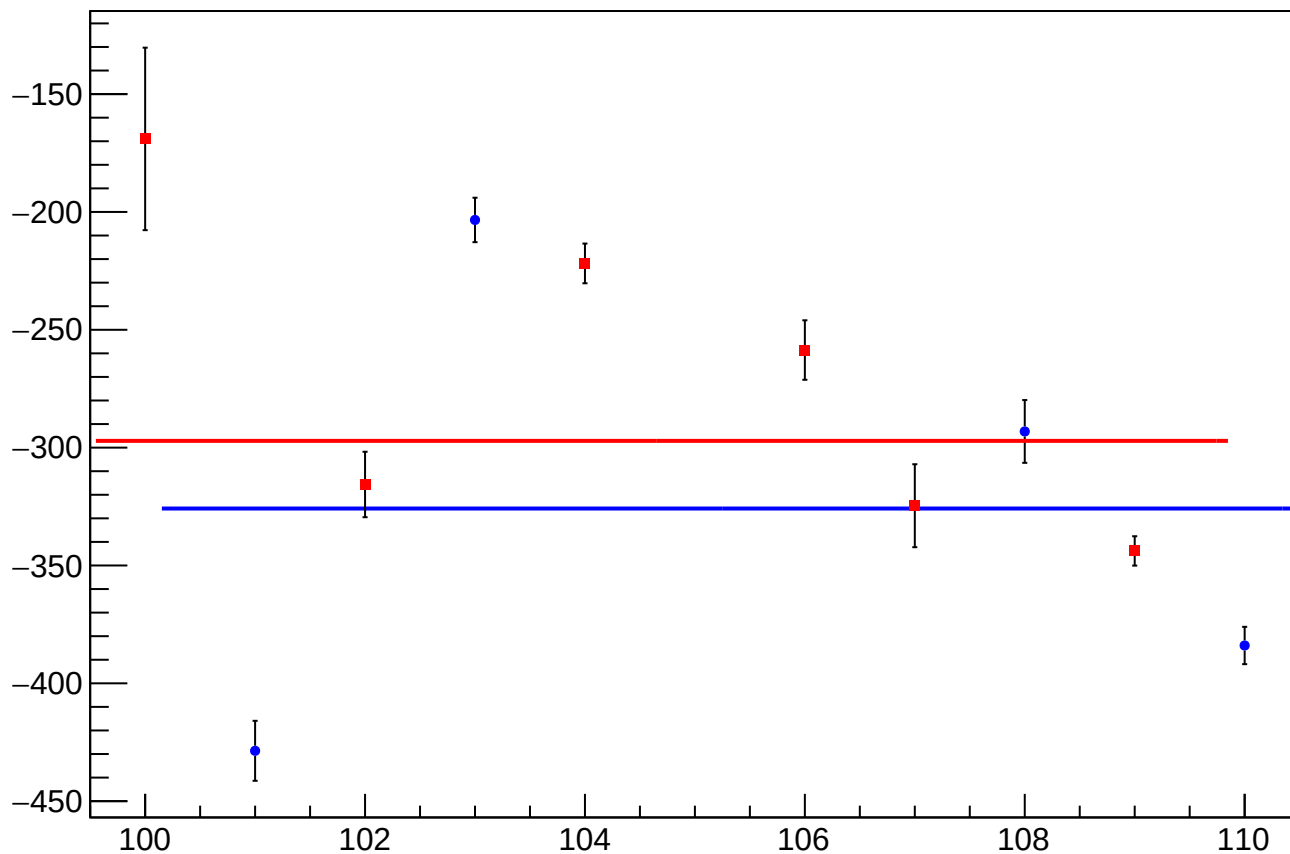
Right: 19.185+/-0.073 χ^2/NDF : 679831.1/9

In: 26.659+/-0.107 χ^2/NDF : 265242.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.185+/-0.073 χ^2/NDF : 679831.1/9

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -325.833+/-5.063 χ^2/NDF : 293.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -297.130+/-4.255 χ^2/NDF : 160.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

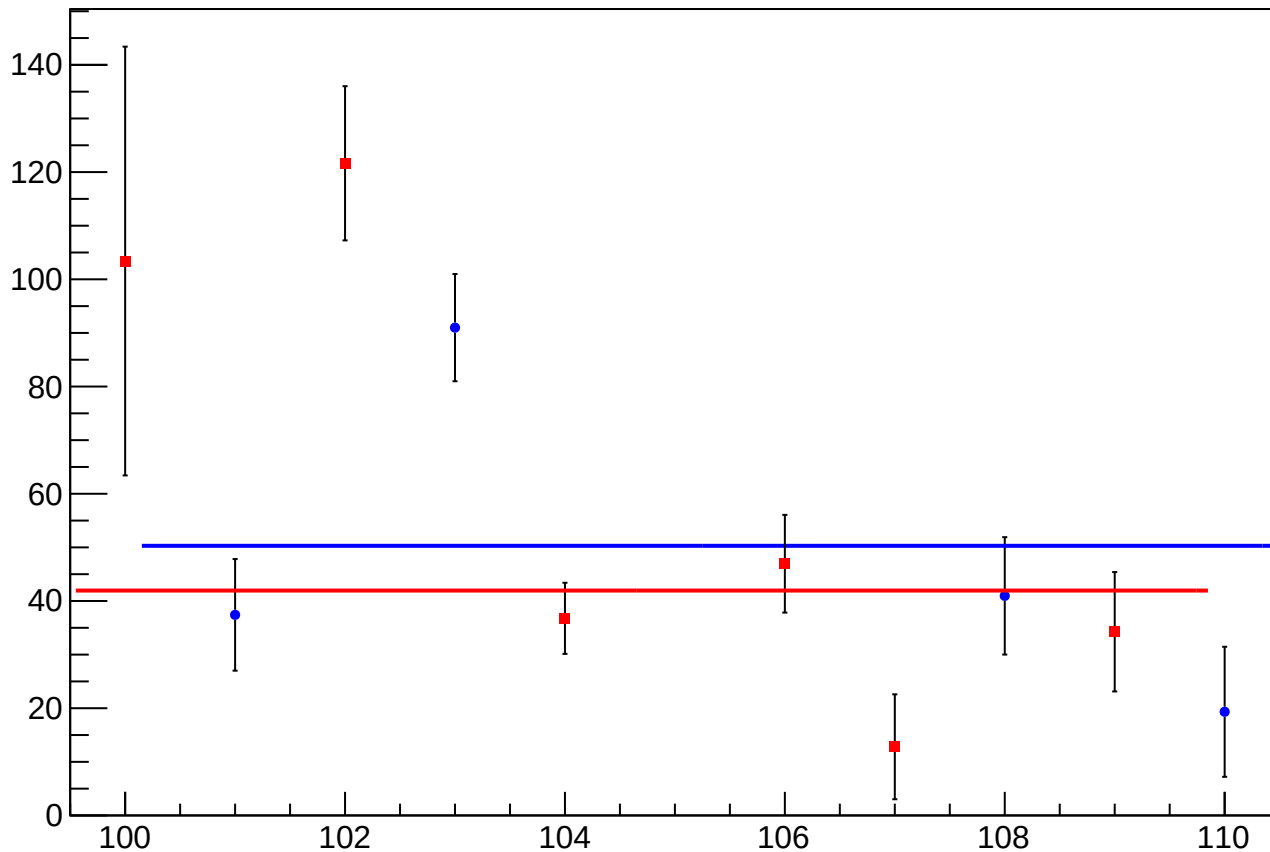
Right: -309.012+/-3.258 χ^2/NDF : 473.2/9

In: -325.833+/-5.063 χ^2/NDF : 293.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.012+/-3.258 χ^2/NDF : 473.2/9

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 50.294+/-5.394 χ^2/NDF : 25.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.947+/-4.125 χ^2/NDF : 43.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

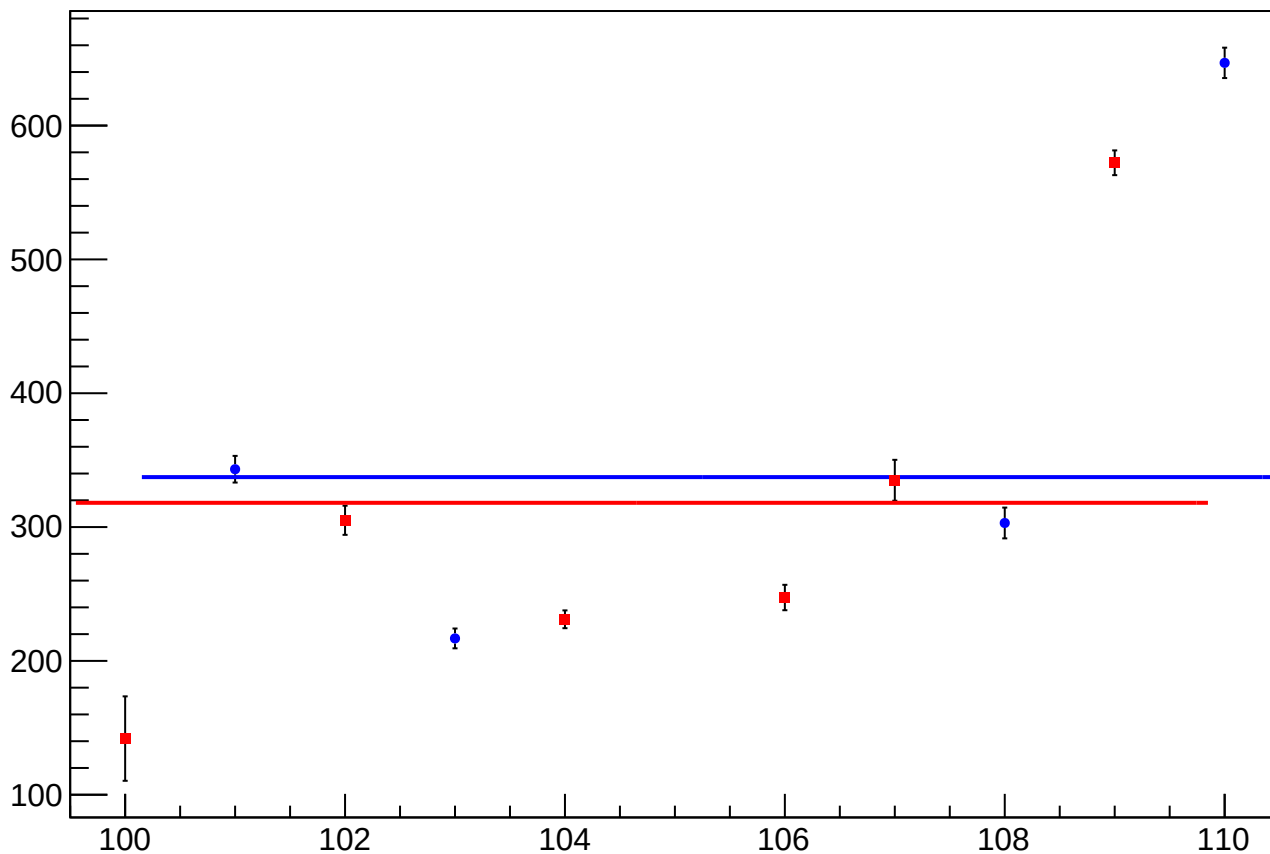
Right: 45.028+/-3.277 χ^2/NDF : 70.2/9

In: 50.294+/-5.394 χ^2/NDF : 25.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.028+/-3.277 χ^2/NDF : 70.2/9

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 337.333+/-4.785 χ^2/NDF : 1018.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 318.128+/-4.111 χ^2/NDF : 1016.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

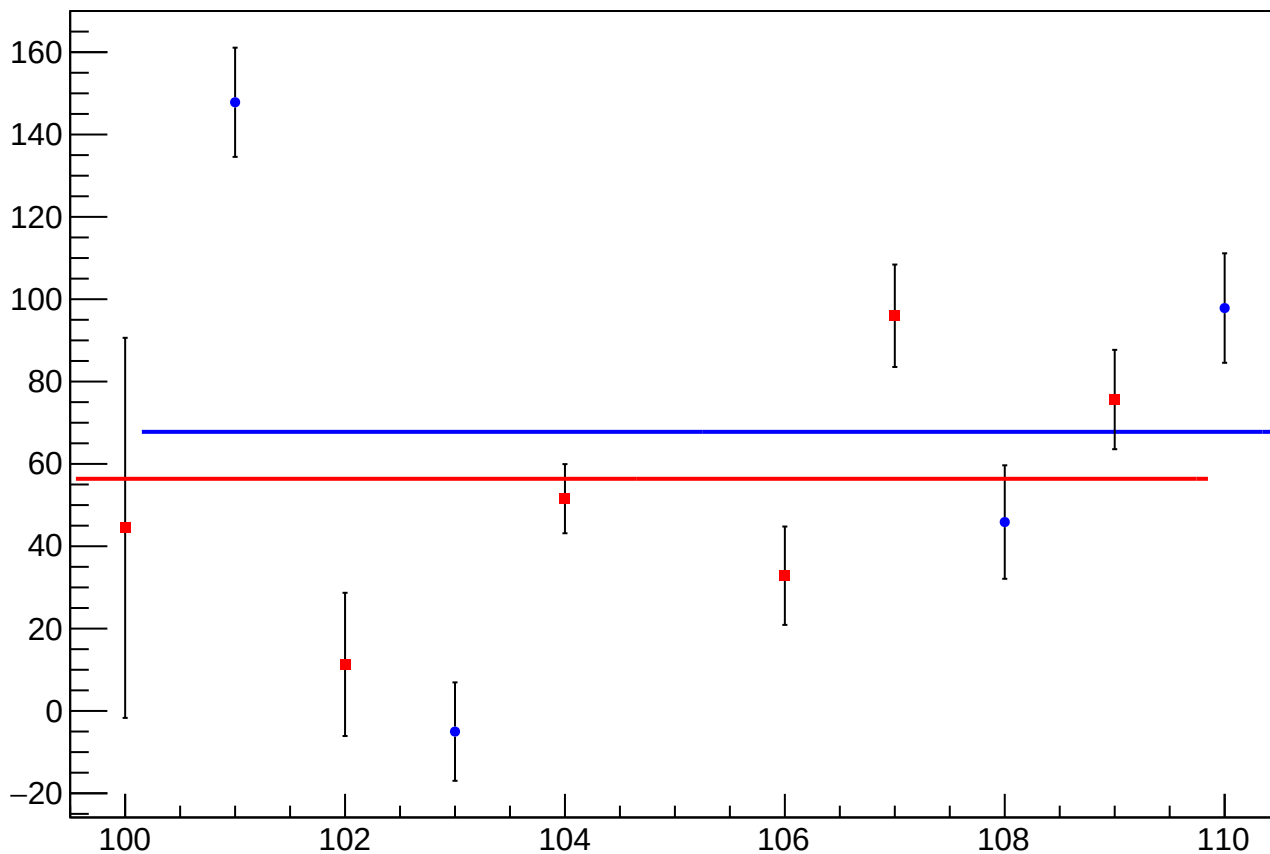
Right: 326.283+/-3.118 χ^2/NDF : 2043.4/9

In: 337.333+/-4.785 χ^2/NDF : 1018.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.283+/-3.118 χ^2/NDF : 2043.4/9

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 67.788+/-6.508 χ^2/NDF : 81.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.384+/-5.109 χ^2/NDF : 23.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

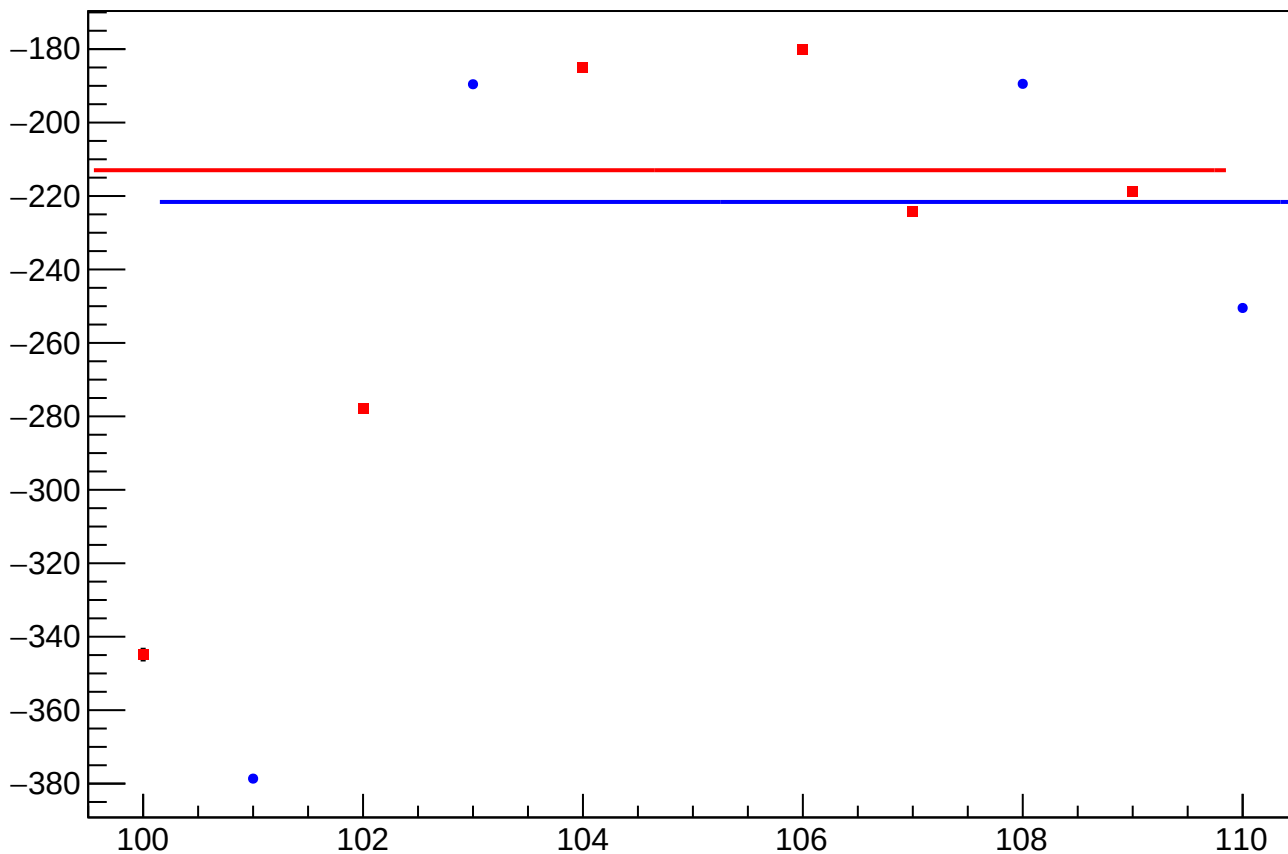
Right: 60.732+/-4.019 χ^2/NDF : 106.7/9

In: 67.788+/-6.508 χ^2/NDF : 81.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.732+/-4.019 χ^2/NDF : 106.7/9

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -221.614 $\pm$ 0.231 χ^2 /NDF: 85967.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -212.976 $\pm$ 0.208 χ^2 /NDF: 37584.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

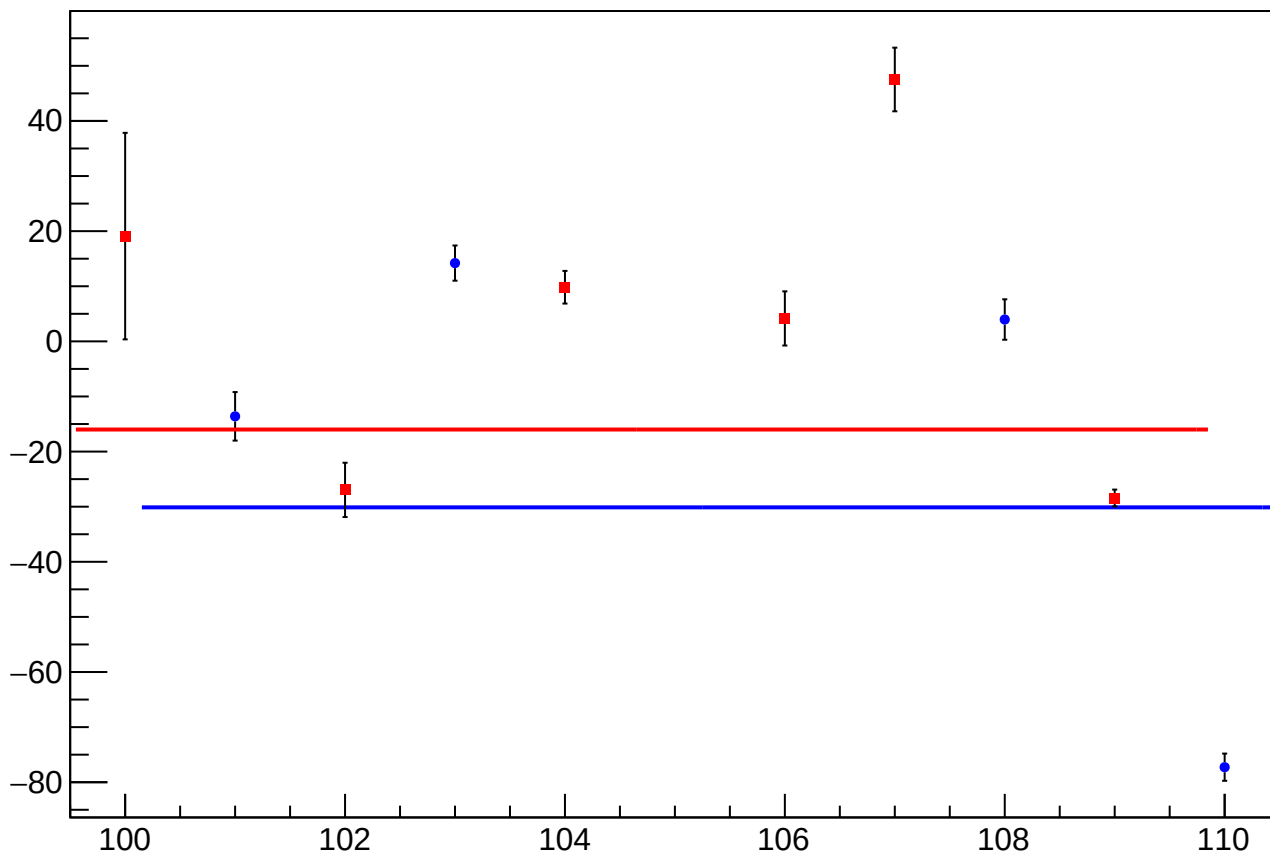
Right: -216.849 $\pm$ 0.154 χ^2 /NDF: 124325.4/9

In: -221.614 $\pm$ 0.231 χ^2 /NDF:85967.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -216.849 $\pm$ 0.154 χ^2 /NDF: 124325.4/9

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.122 $\pm$ 1.605 χ^2 /NDF: 657.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.996 $\pm$ 1.233 χ^2 /NDF: 288.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

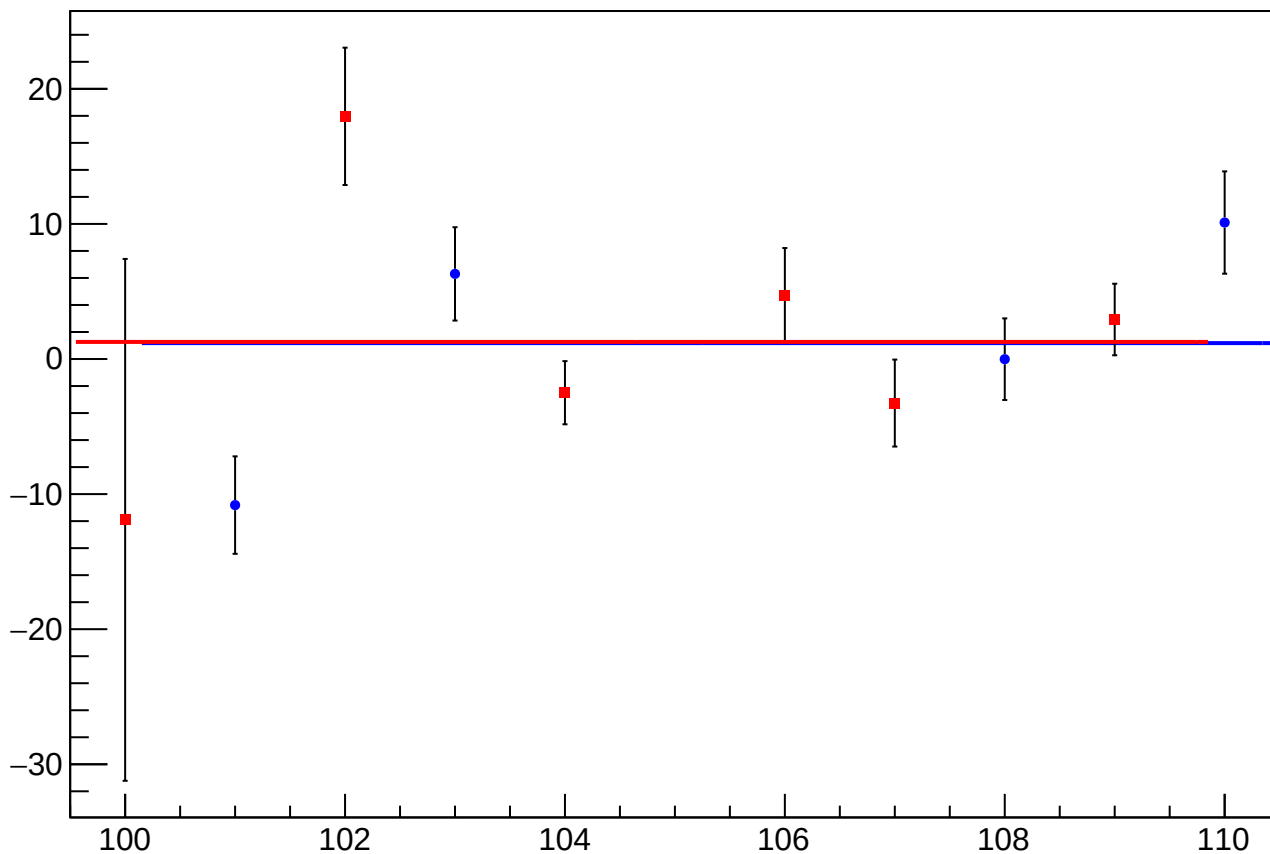
Right: -21.234 $\pm$ 0.978 χ^2 /NDF: 995.1/9

In: -30.122 $\pm$ 1.605 χ^2 /NDF: 657.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.234 $\pm$ 0.978 χ^2 /NDF: 995.1/9

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.177+/-1.715 χ^2/NDF : 19.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.265+/-1.356 χ^2/NDF : 17.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

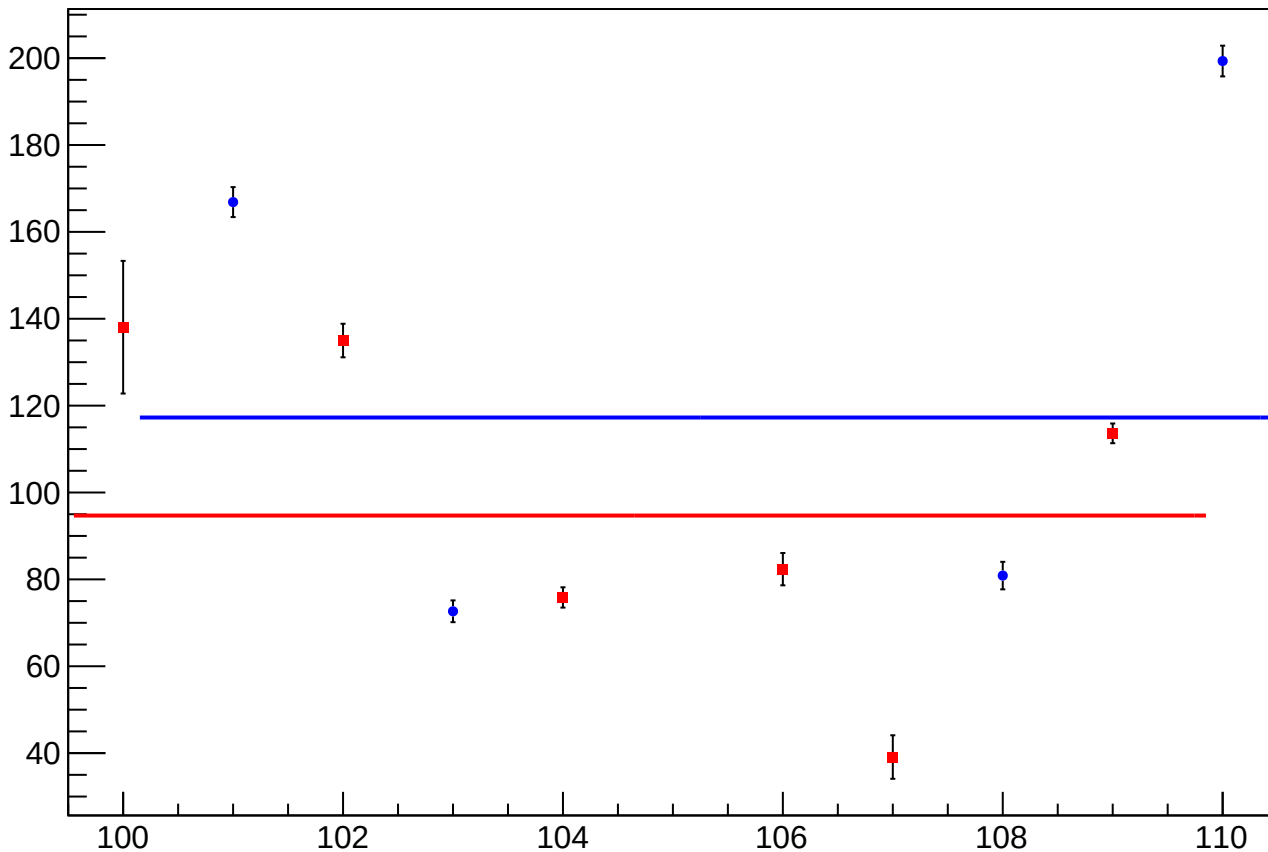
Right: 1.231+/-1.063 χ^2/NDF : 36.1/9

In: 1.177+/-1.715 χ^2/NDF : 19.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.231+/-1.063 χ^2/NDF : 36.1/9

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.264 $\pm$ 1.538 χ^2 /NDF: 1193.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.695 $\pm$ 1.335 χ^2 /NDF: 385.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

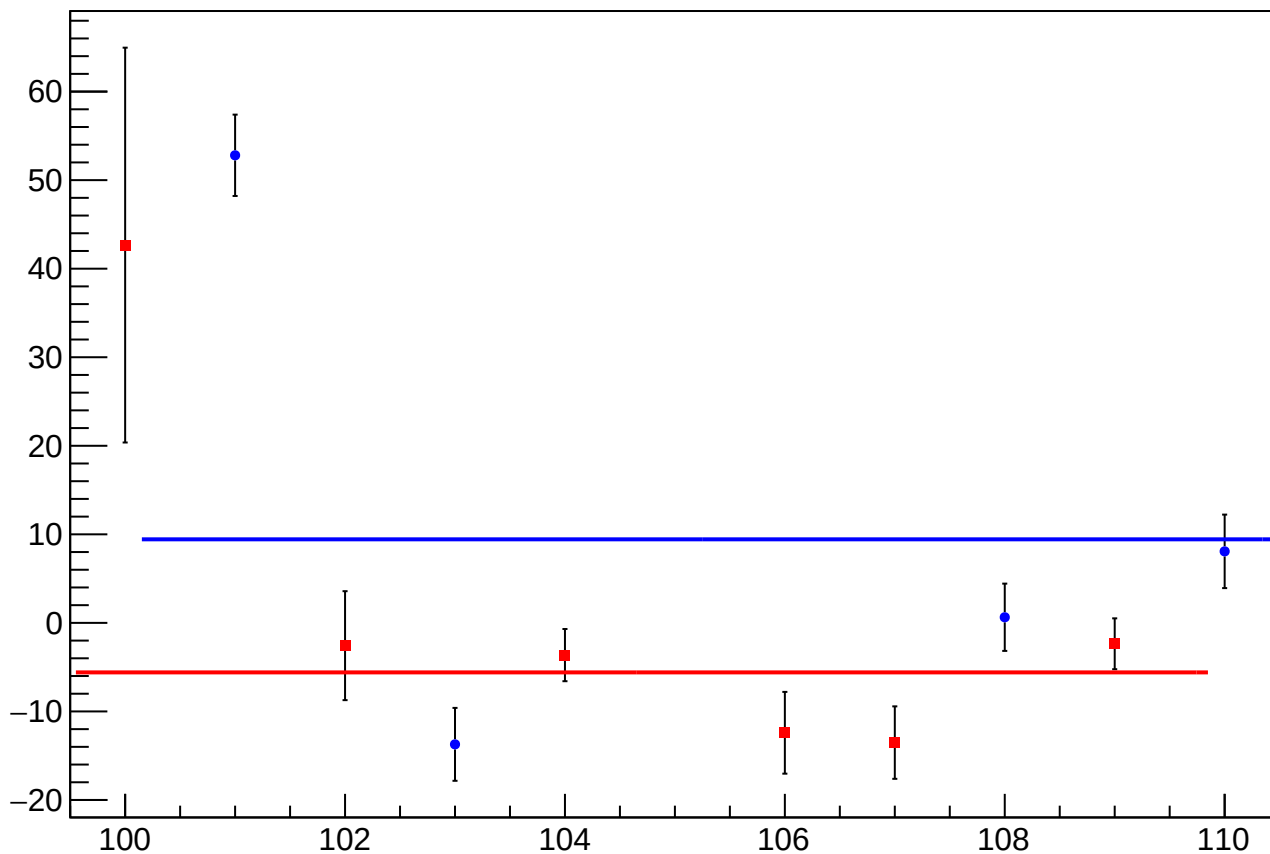
Right: 104.397 $\pm$ 1.008 χ^2 /NDF: 1702.3/9

In: 117.264 $\pm$ 1.538 χ^2 /NDF:1193.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.397 $\pm$ 1.008 χ^2 /NDF: 1702.3/9

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.436+/-2.068 χ^2/NDF : 126.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.592+/-1.641 χ^2/NDF : 12.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

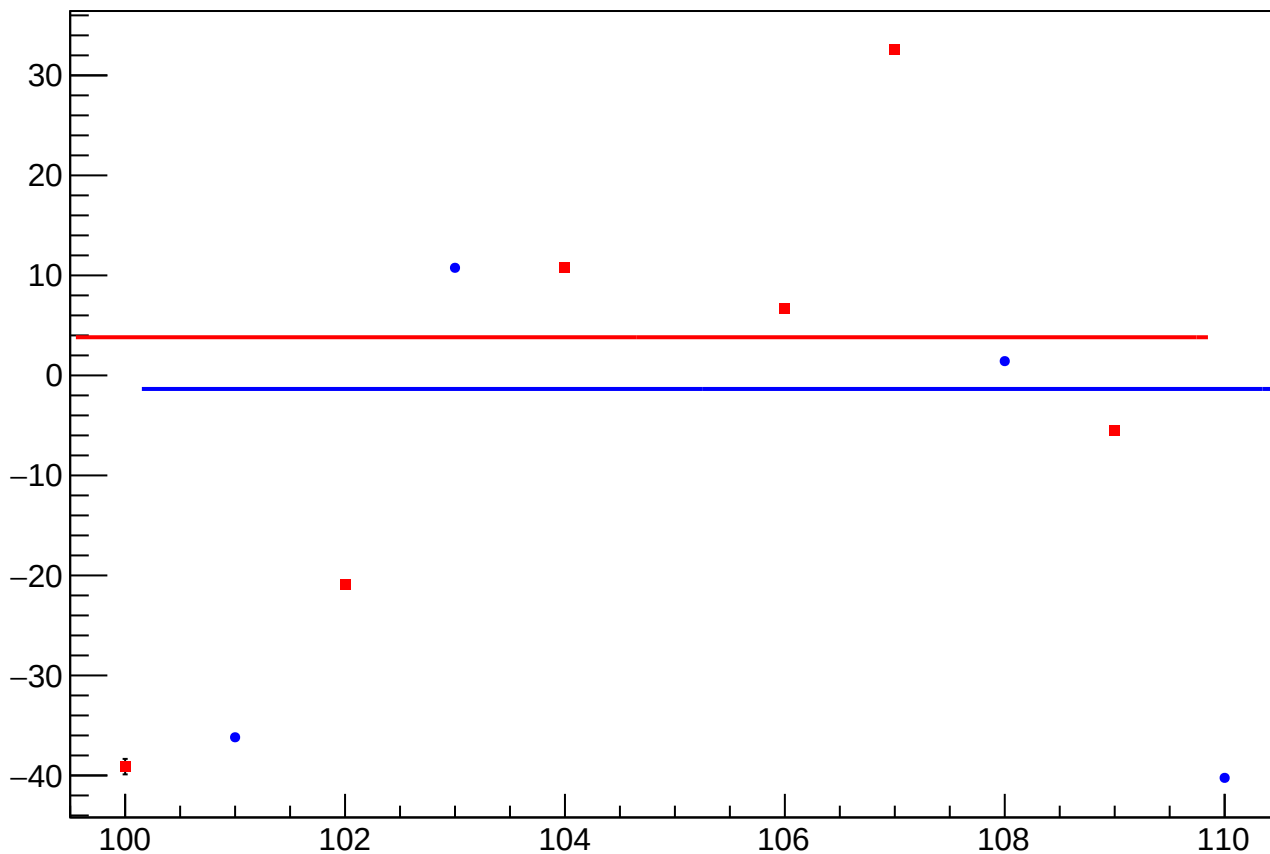
Right: 0.213+/-1.285 χ^2/NDF : 171.2/9

In: 9.436+/-2.068 χ^2/NDF : 126.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.213+/-1.285 χ^2/NDF : 171.2/9

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.354+/-0.073 χ^2/NDF : 60005.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.816+/-0.070 χ^2/NDF : 52428.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

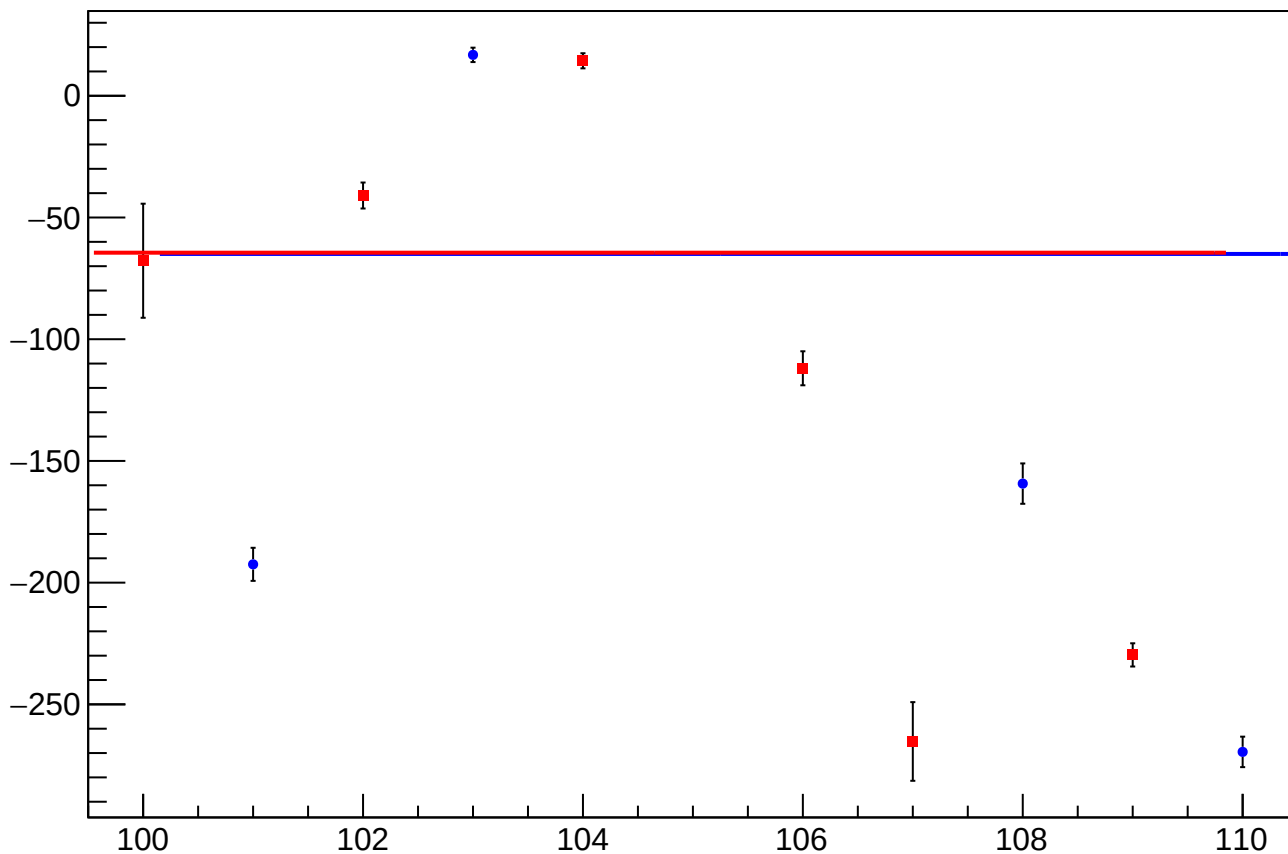
Right: 1.349+/-0.051 χ^2/NDF : 115036.1/9

In: -1.354+/-0.073 χ^2/NDF : 60005.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.349+/-0.051 χ^2/NDF : 115036.1/9

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -64.970+/-2.383 χ^2/NDF : 2314.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.454+/-2.187 χ^2/NDF : 2065.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

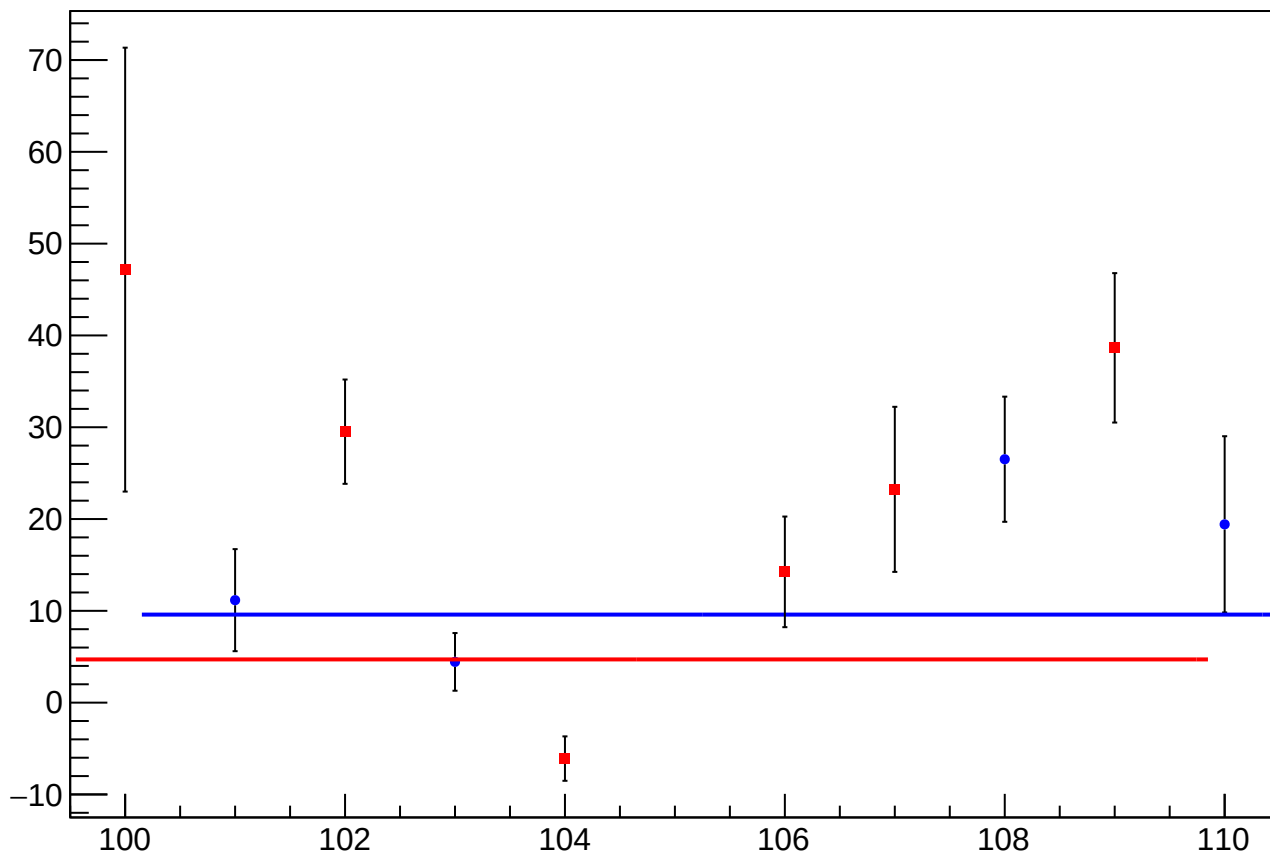
Right: -64.690+/-1.611 χ^2/NDF : 4379.5/9

In: -64.970+/-2.383 χ^2/NDF : 2314.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.690+/-1.611 χ^2/NDF : 4379.5/9

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.591+/-2.454 χ^2/NDF : 10.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.708+/-1.967 χ^2/NDF : 66.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

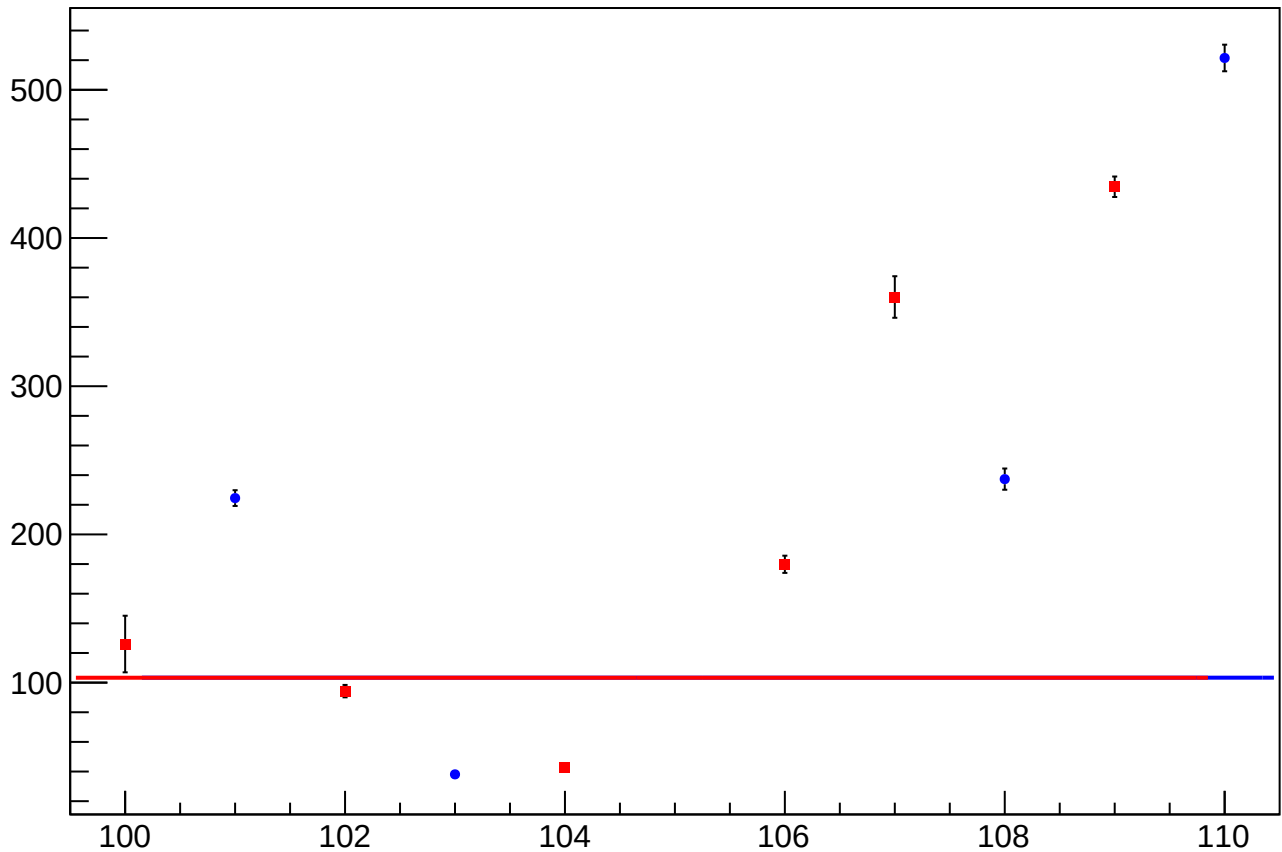
Right: 6.618+/-1.535 χ^2/NDF : 78.6/9

In: 9.591+/-2.454 χ^2/NDF : 10.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.618+/-1.535 χ^2/NDF : 78.6/9

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 103.339+/-1.989 χ^2/NDF : 3830.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.297+/-1.882 χ^2/NDF : 3424.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

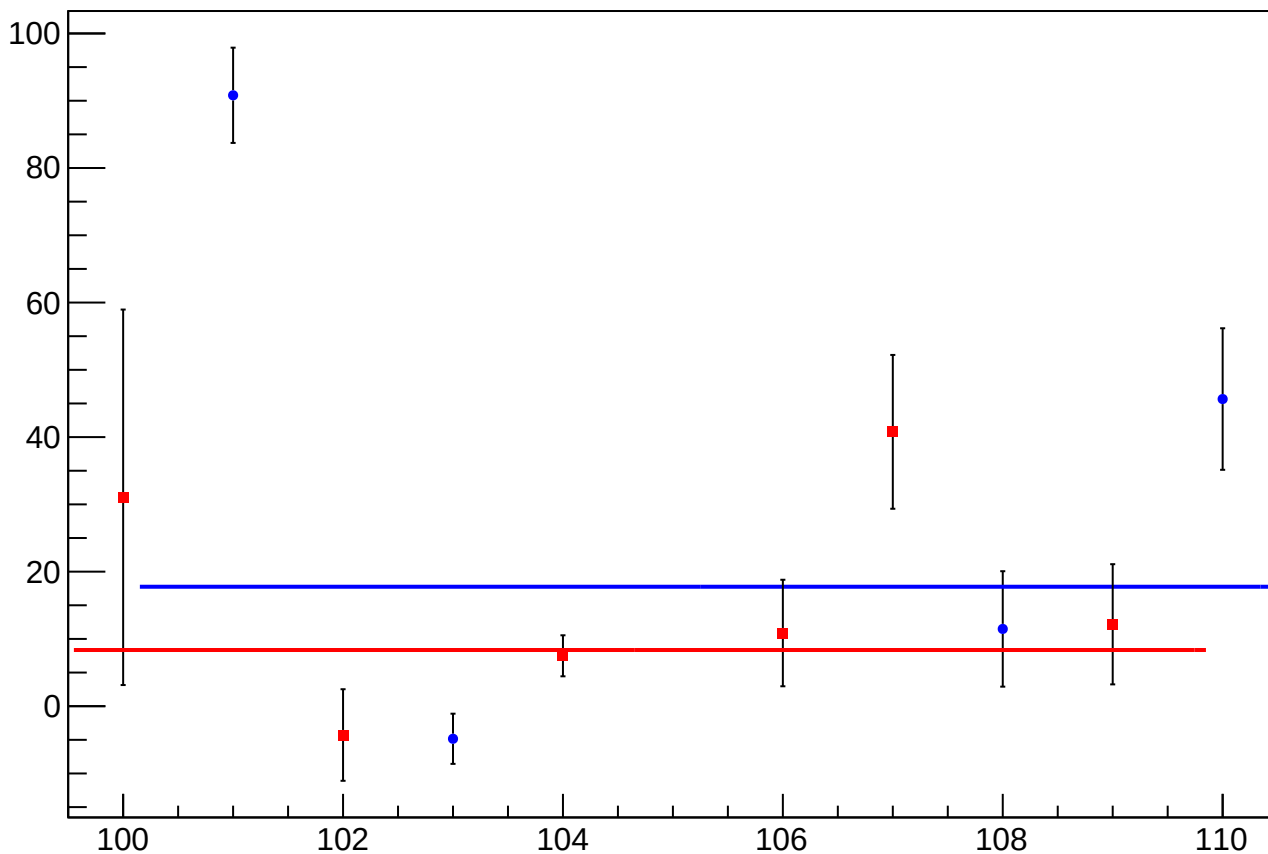
Right: 103.317+/-1.367 χ^2/NDF : 7254.9/9

In: 103.339+/-1.989 χ^2/NDF : 3830.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.317+/-1.367 χ^2/NDF : 7254.9/9

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.757+/-2.956 χ^2/NDF : 150.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.352+/-2.450 χ^2/NDF : 12.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

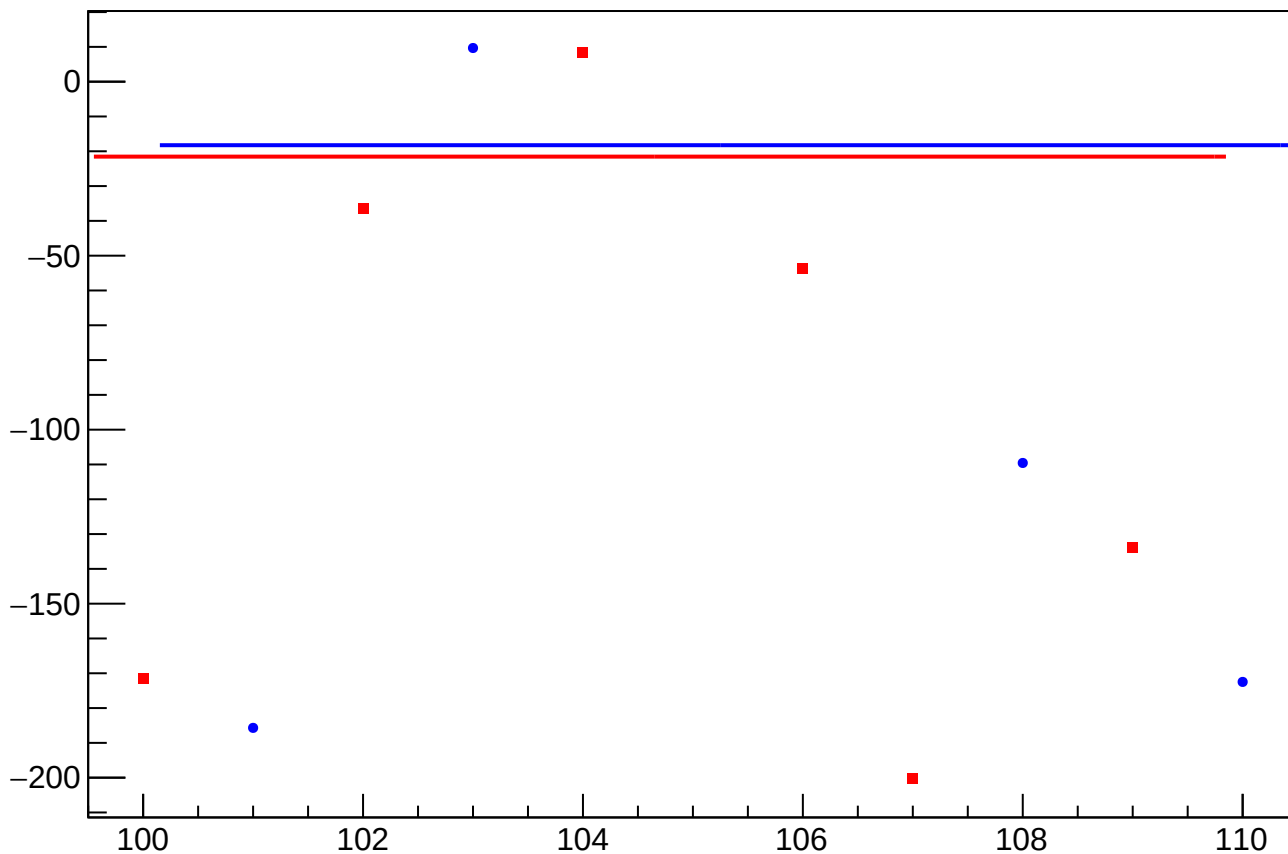
Right: 12.183+/-1.886 χ^2/NDF : 169.3/9

In: 17.757+/-2.956 χ^2/NDF : 150.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.183+/-1.886 χ^2/NDF : 169.3/9

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.255+/-0.087 χ^2/NDF : 502467.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.536+/-0.088 χ^2/NDF : 273547.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

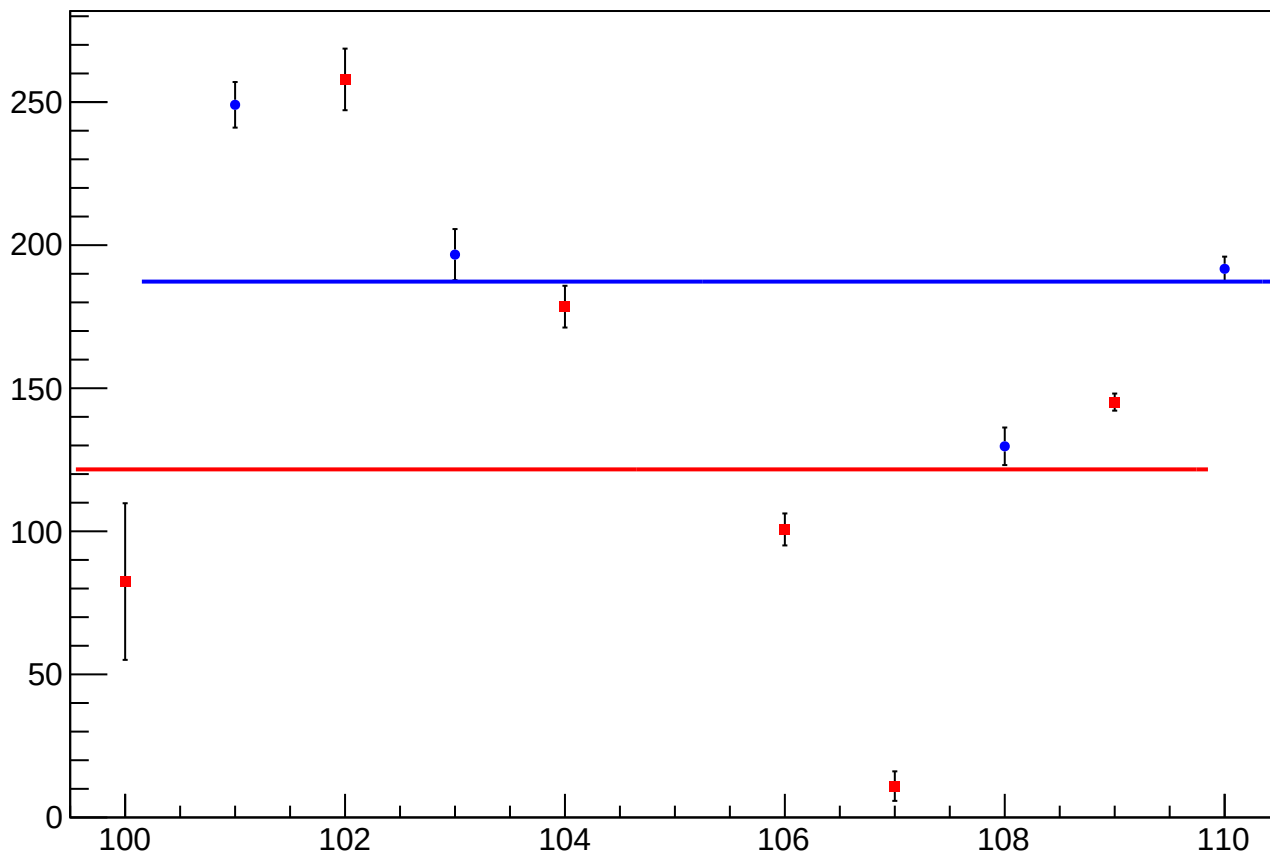
Right: -19.886+/-0.062 χ^2/NDF : 776715.3/9

In: -18.255+/-0.087 χ^2/NDF : 502467.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.886+/-0.062 χ^2/NDF : 776715.3/9

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 187.269+/-3.063 χ^2/NDF : 139.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.640+/-2.180 χ^2/NDF : 759.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

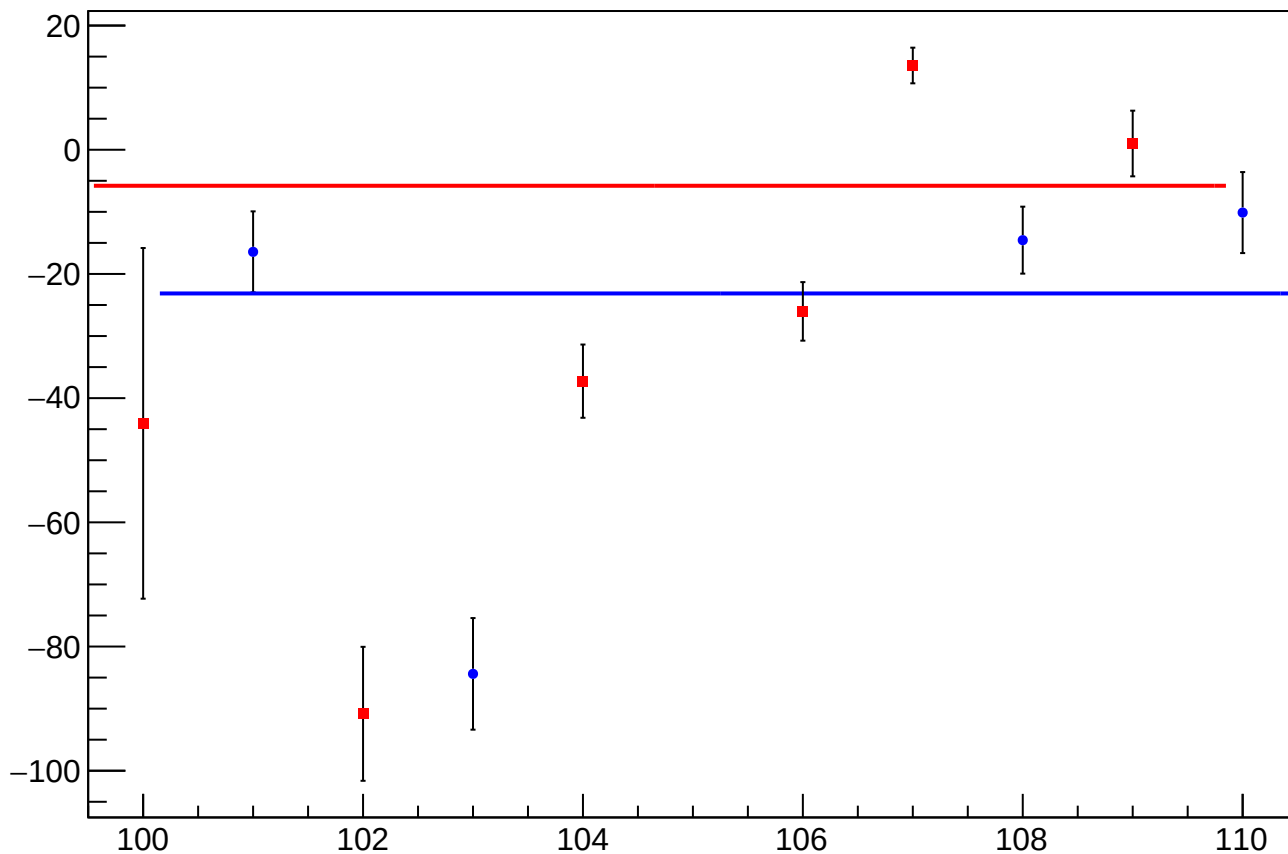
Right: 143.701+/-1.776 χ^2/NDF : 1203.4/9

In: 187.269+/-3.063 χ^2/NDF : 139.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.701+/-1.776 χ^2/NDF : 1203.4/9

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -23.141 $\pm$ 3.265 χ^2 /NDF: 54.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.800 $\pm$ 2.038 χ^2 /NDF: 158.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

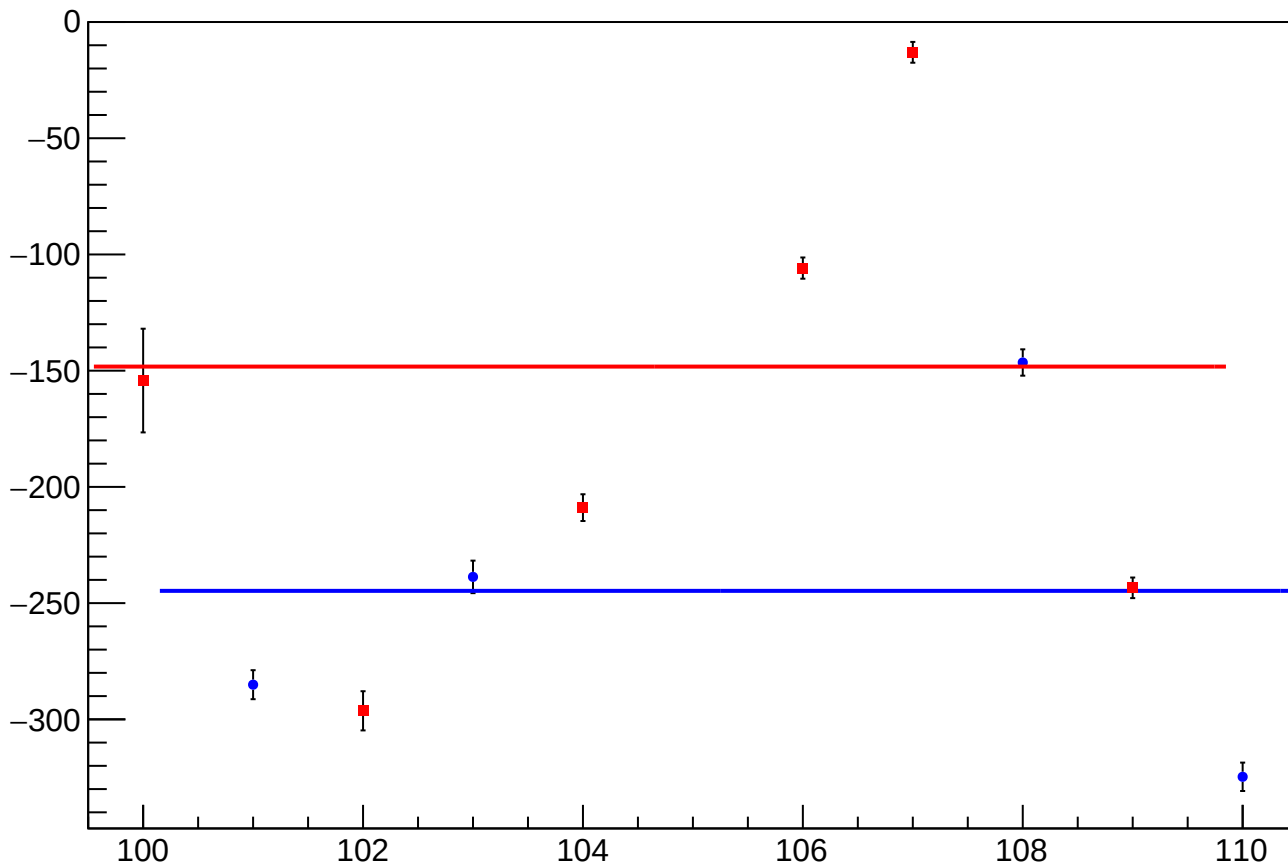
Right: -10.662 $\pm$ 1.729 χ^2 /NDF: 232.4/9

In: -23.141 $\pm$ 3.265 χ^2 /NDF:54.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.662 $\pm$ 1.729 χ^2 /NDF: 232.4/9

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -244.723+/-3.099 χ^2/NDF : 514.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -148.238+/-2.264 χ^2/NDF : 1879.7/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

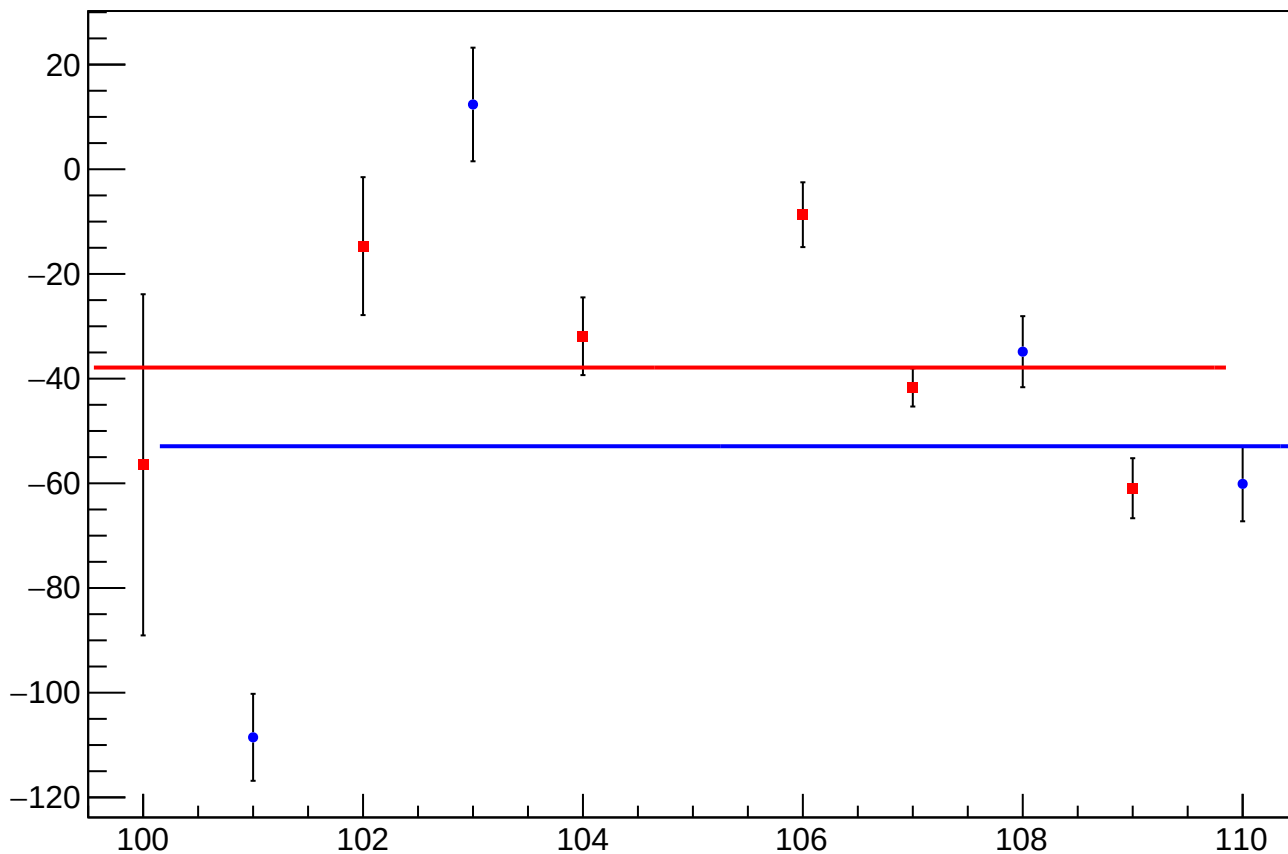
Right: -181.805+/-1.828 χ^2/NDF : 3026.3/9

In: -244.723+/-3.099 χ^2/NDF :514.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -181.805+/-1.828 χ^2/NDF : 3026.3/9

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -52.917 $\pm$ 3.945 χ^2 /NDF: 89.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -37.881 $\pm$ 2.528 χ^2 /NDF: 43.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

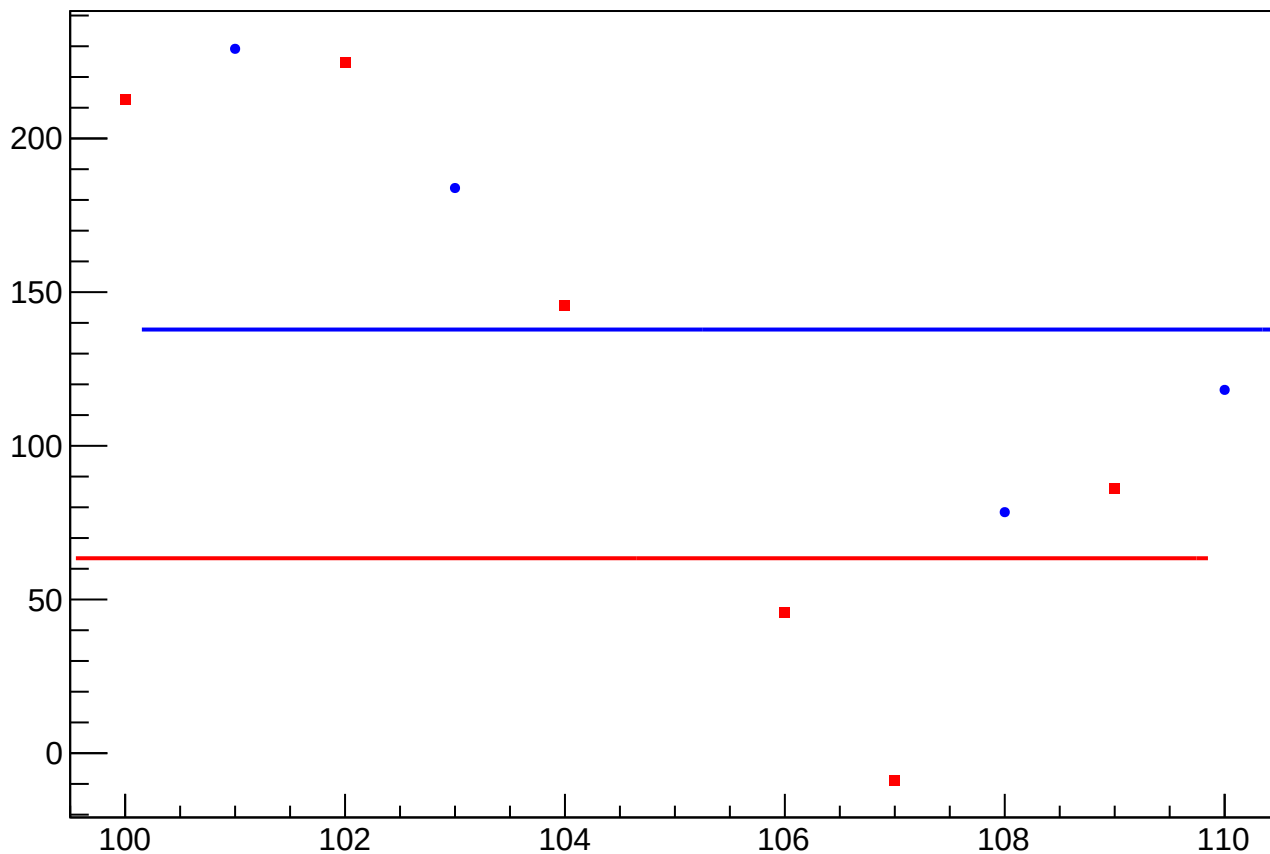
Right: -42.258 $\pm$ 2.129 χ^2 /NDF: 143.0/9

In: -52.917 $\pm$ 3.945 χ^2 /NDF:89.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -42.258 $\pm$ 2.129 χ^2 /NDF: 143.0/9

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 137.834 $\pm$ 0.156 χ^2 /NDF: 151048.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 63.422 $\pm$ 0.110 χ^2 /NDF: 461733.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

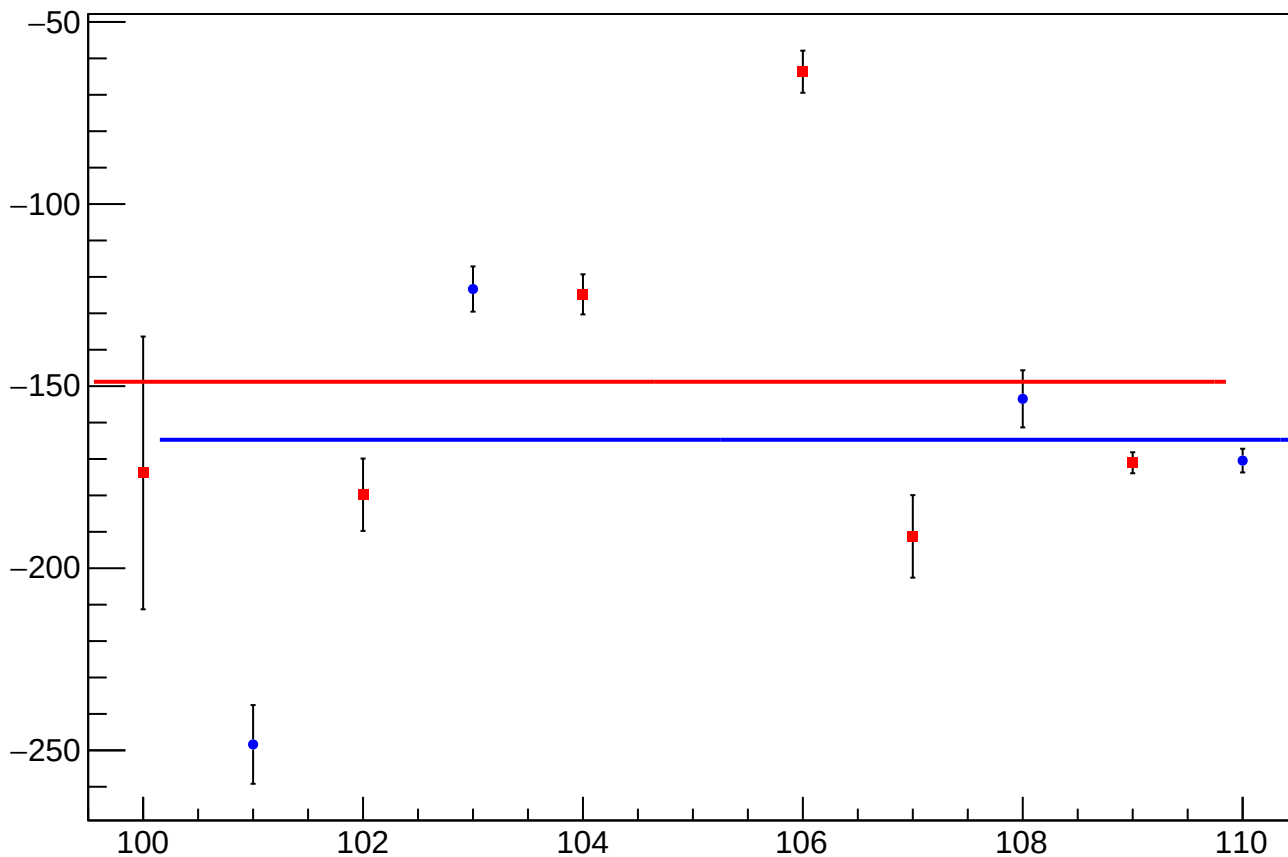
Right: 88.094 $\pm$ 0.090 χ^2 /NDF: 764118.2/9

In: 137.834 $\pm$ 0.156 χ^2 /NDF:151048.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 88.094 $\pm$ 0.090 χ^2 /NDF: 764118.2/9

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -164.719+/-2.623 χ^2 /NDF: 109.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -148.792+/-2.226 χ^2 /NDF: 319.7/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

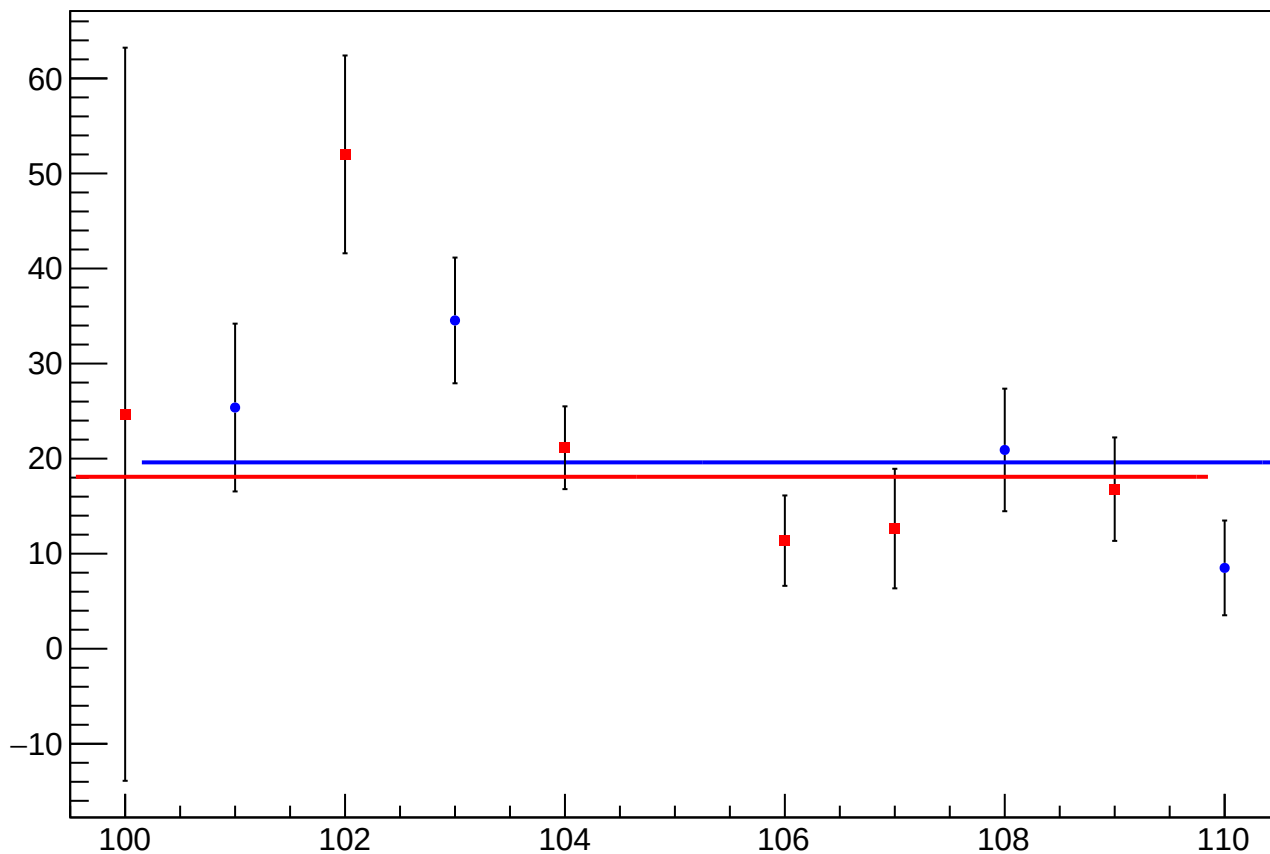
Right: -155.457+/-1.697 χ^2 /NDF: 450.7/9

In: -164.719+/-2.623 χ^2 /NDF:109.5/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -155.457+/-1.697 χ^2 /NDF: 450.7/9

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.604+/-3.162 χ^2/NDF : 10.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.088+/-2.455 χ^2/NDF : 14.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

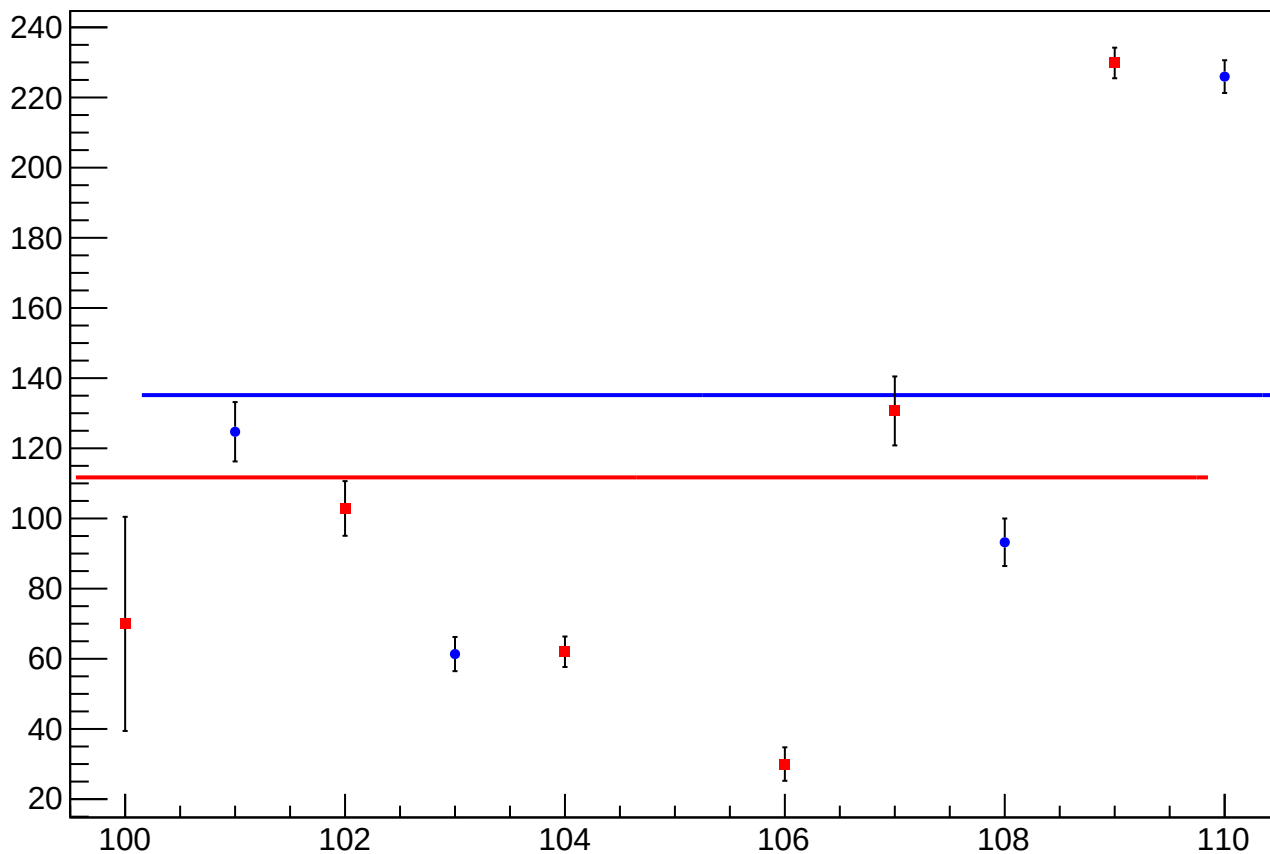
Right: 18.658+/-1.939 χ^2/NDF : 24.6/9

In: 19.604+/-3.162 χ^2/NDF : 10.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.658+/-1.939 χ^2/NDF : 24.6/9

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 135.166+/-2.841 χ^2/NDF : 648.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.707+/-2.374 χ^2/NDF : 1165.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

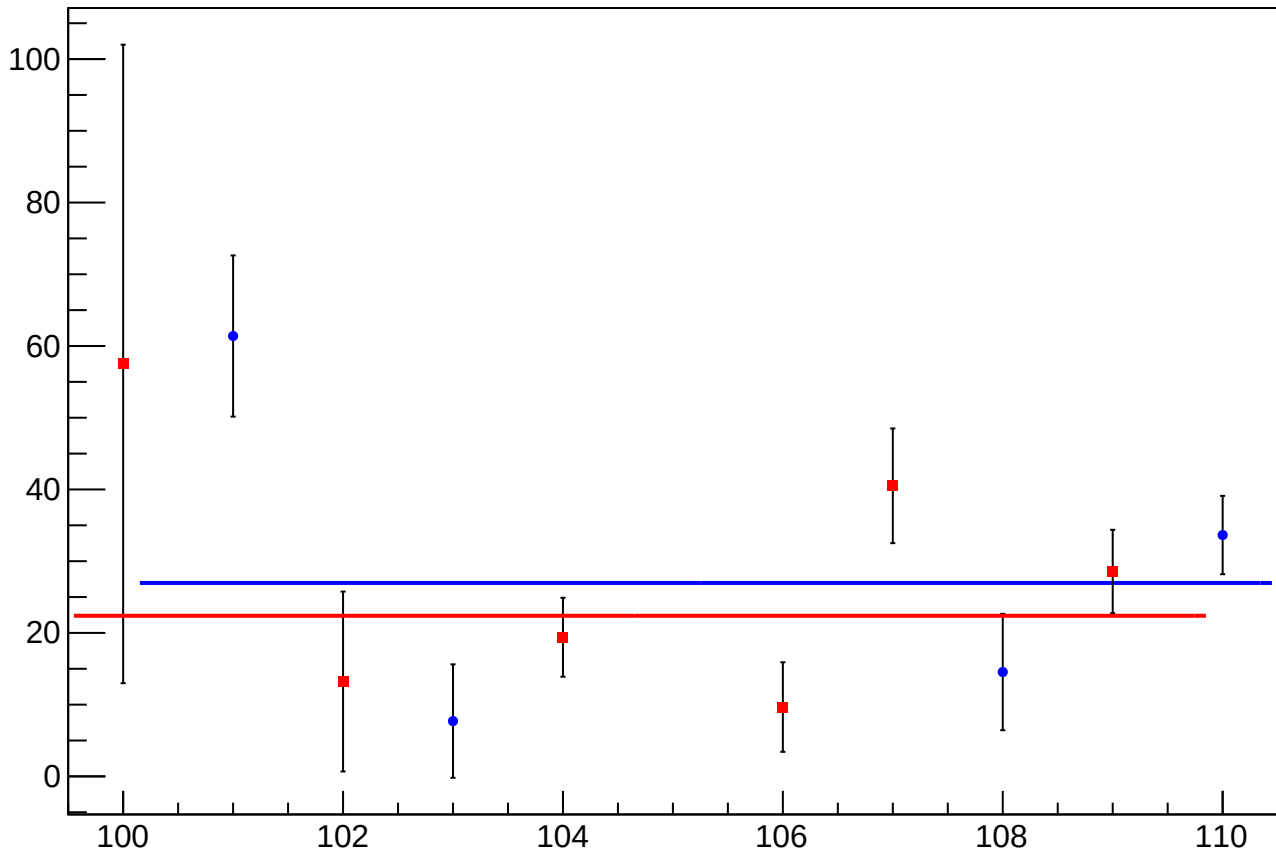
Right: 121.353+/-1.822 χ^2/NDF : 1853.6/9

In: 135.166+/-2.841 χ^2/NDF : 648.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.353+/-1.822 χ^2/NDF : 1853.6/9

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.967 $\pm$ 3.711 χ^2 /NDF: 19.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.391 $\pm$ 3.006 χ^2 /NDF: 11.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

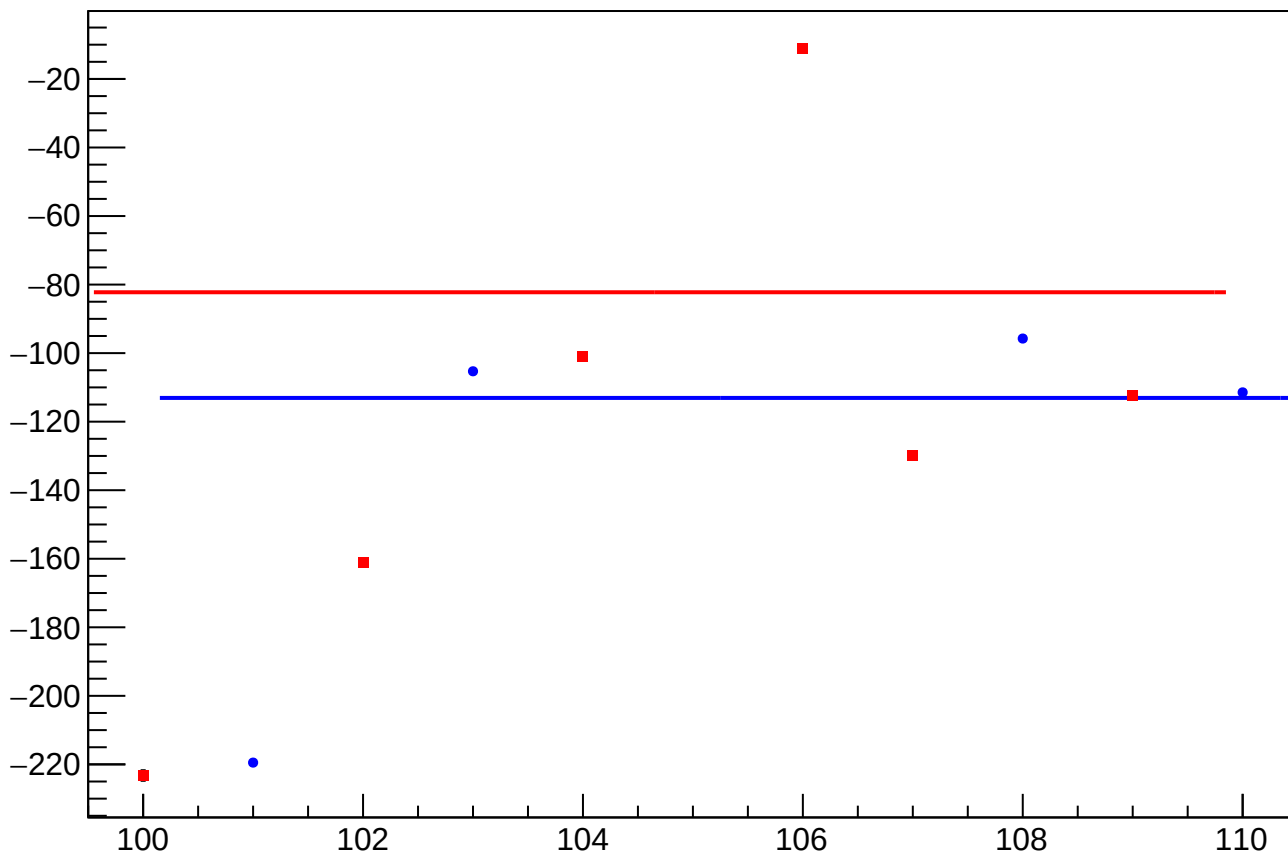
Right: 24.204 $\pm$ 2.336 χ^2 /NDF: 31.9/9

In: 26.967 $\pm$ 3.711 χ^2 /NDF:19.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 24.204 $\pm$ 2.336 χ^2 /NDF: 31.9/9

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -113.071+/-0.145 χ^2/NDF : 50198.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.239+/-0.117 χ^2/NDF : 221921.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

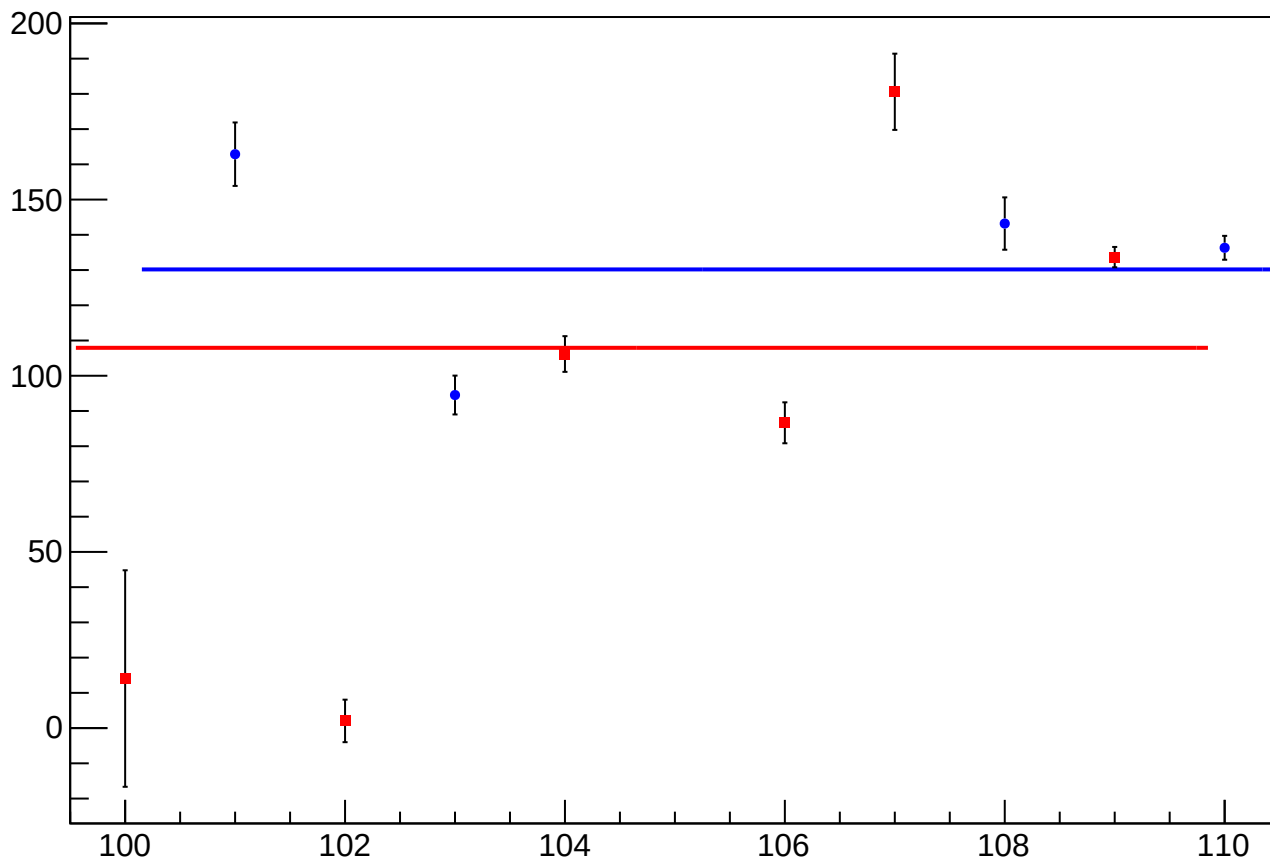
Right: -94.372+/-0.091 χ^2/NDF : 299497.0/9

In: -113.071+/-0.145 χ^2/NDF : 50198.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -94.372+/-0.091 χ^2/NDF : 299497.0/9

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 130.176+/-2.578 χ^2/NDF : 61.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.929+/-2.105 χ^2/NDF : 455.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

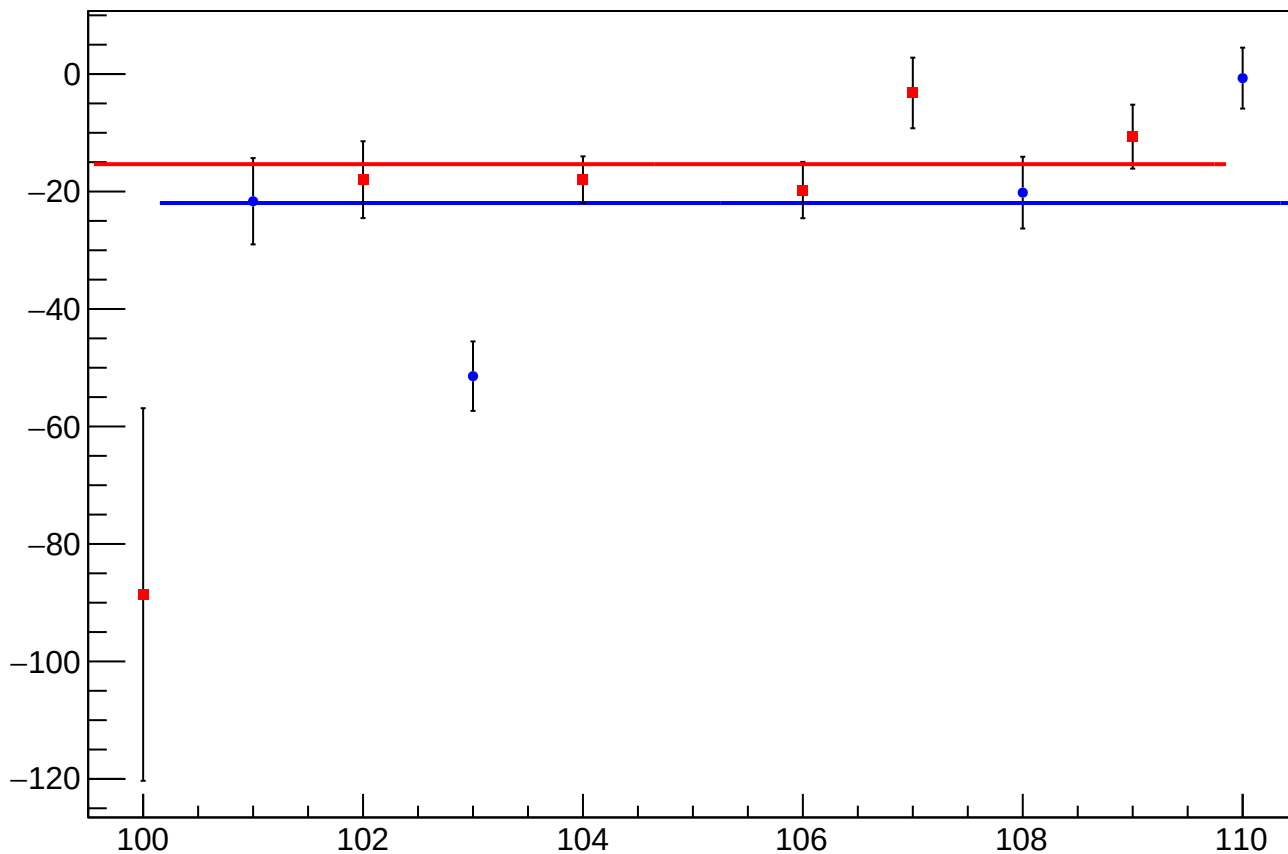
Right: 116.828+/-1.631 χ^2/NDF : 561.7/9

In: 130.176+/-2.578 χ^2/NDF : 61.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.828+/-1.631 χ^2/NDF : 561.7/9

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -21.953+/-3.000 χ^2/NDF : 41.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.341+/-2.280 χ^2/NDF : 11.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

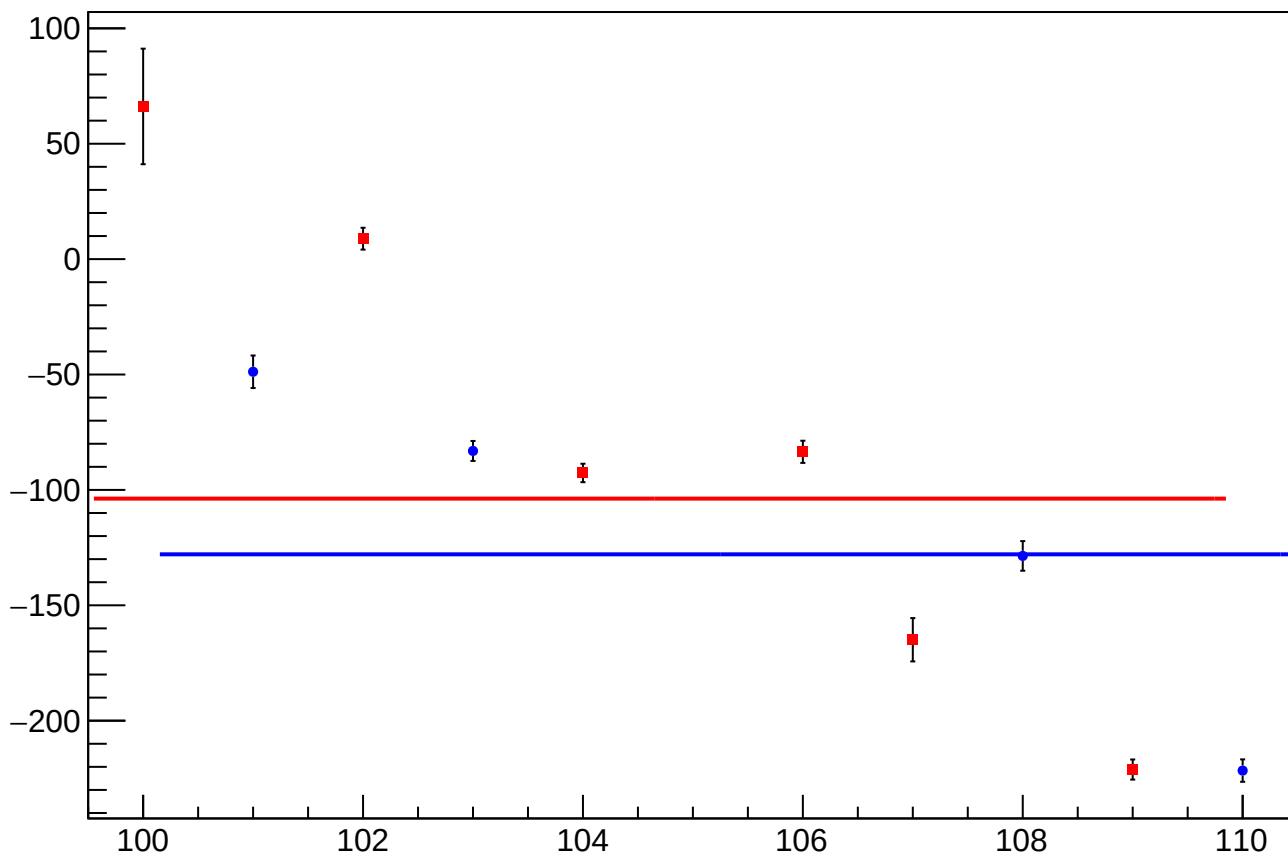
Right: -17.763+/-1.815 χ^2/NDF : 56.4/9

In: -21.953+/-3.000 χ^2/NDF : 41.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.763+/-1.815 χ^2/NDF : 56.4/9

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -127.912 $\pm$ 2.670 χ^2 /NDF: 605.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -103.768 $\pm$ 2.150 χ^2 /NDF: 1407.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

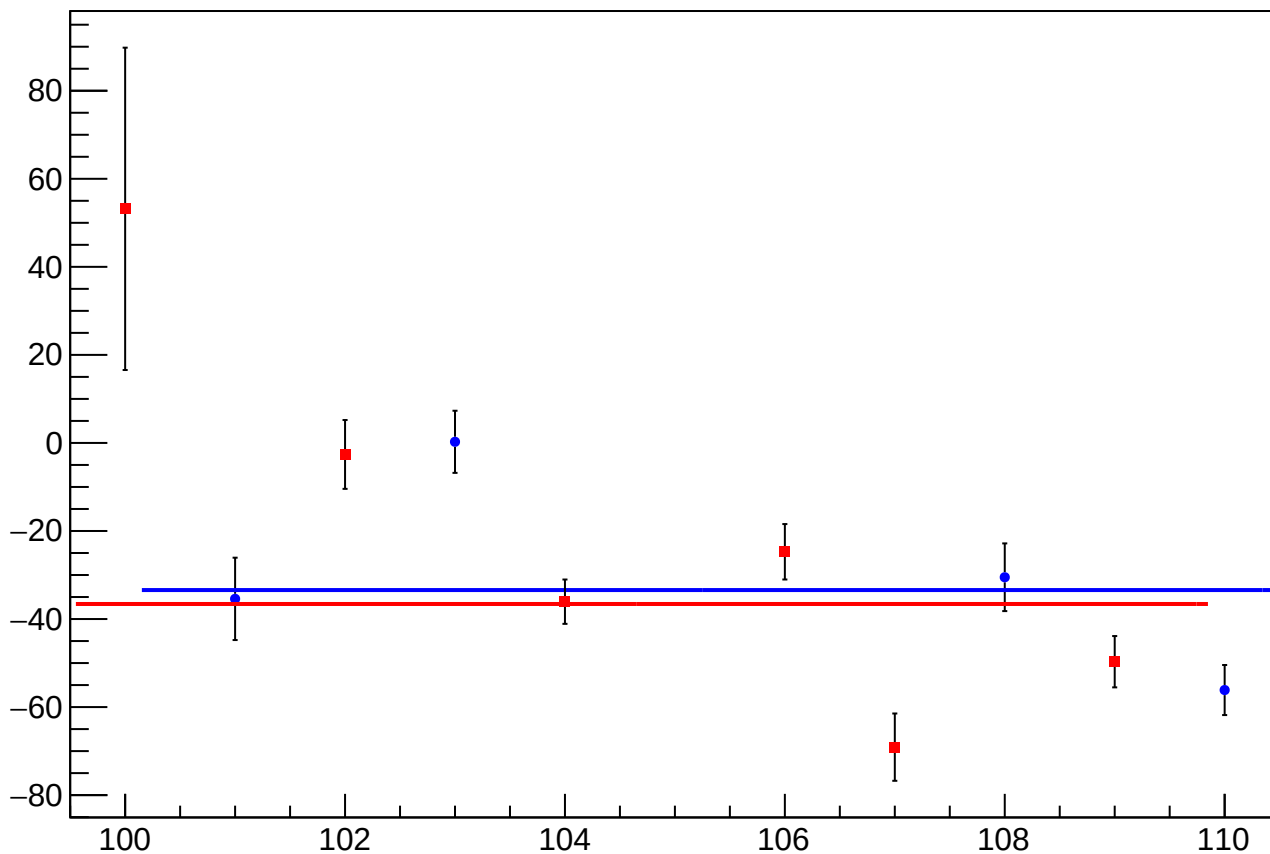
Right: -113.265 $\pm$ 1.675 χ^2 /NDF: 2062.2/9

In: -127.912 $\pm$ 2.670 χ^2 /NDF:605.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -113.265 $\pm$ 1.675 χ^2 /NDF: 2062.2/9

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.418+/-3.549 χ^2/NDF : 38.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.582+/-2.791 χ^2/NDF : 51.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

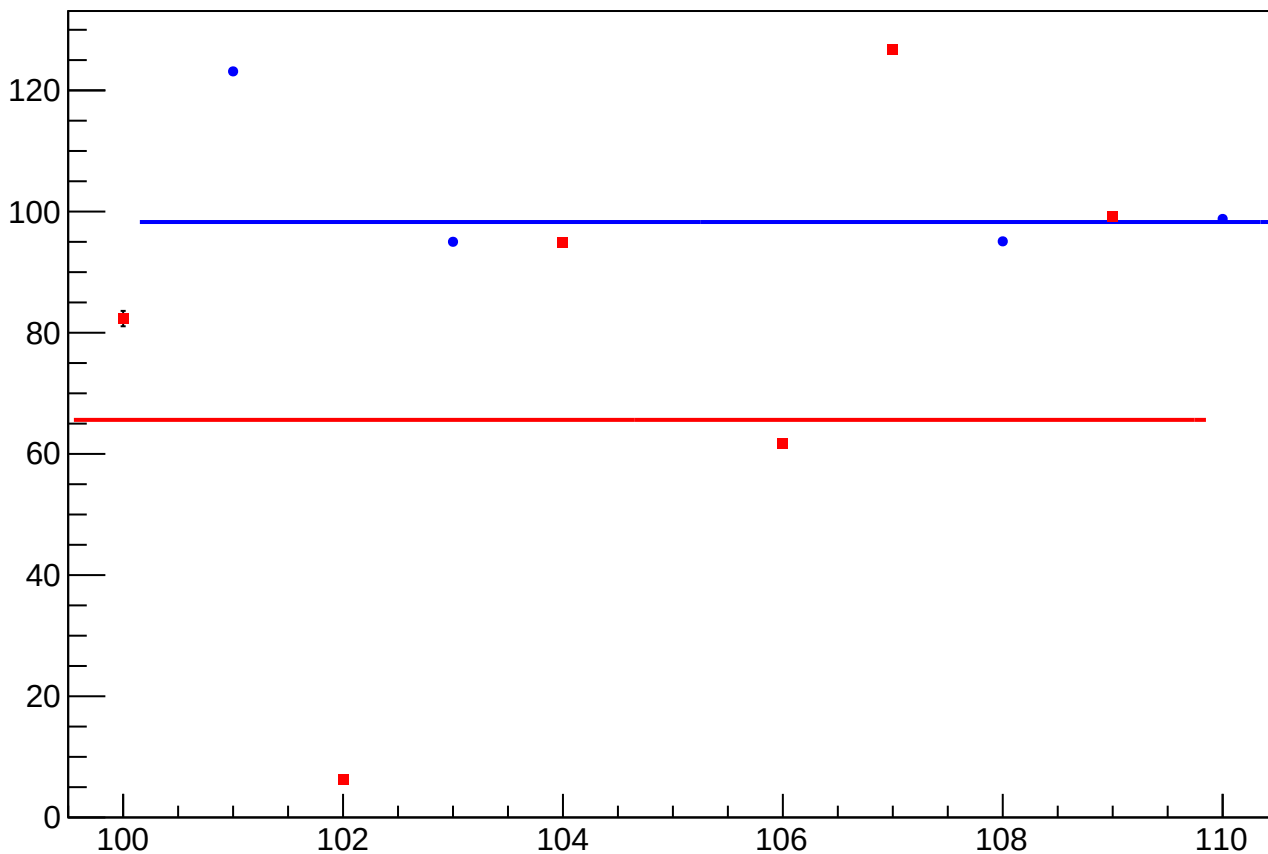
Right: -35.373+/-2.194 χ^2/NDF : 91.0/9

In: -33.418+/-3.549 χ^2/NDF : 38.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.373+/-2.194 χ^2/NDF : 91.0/9

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 98.275+/-0.133 χ^2/NDF : 4013.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.619+/-0.103 χ^2/NDF : 146783.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

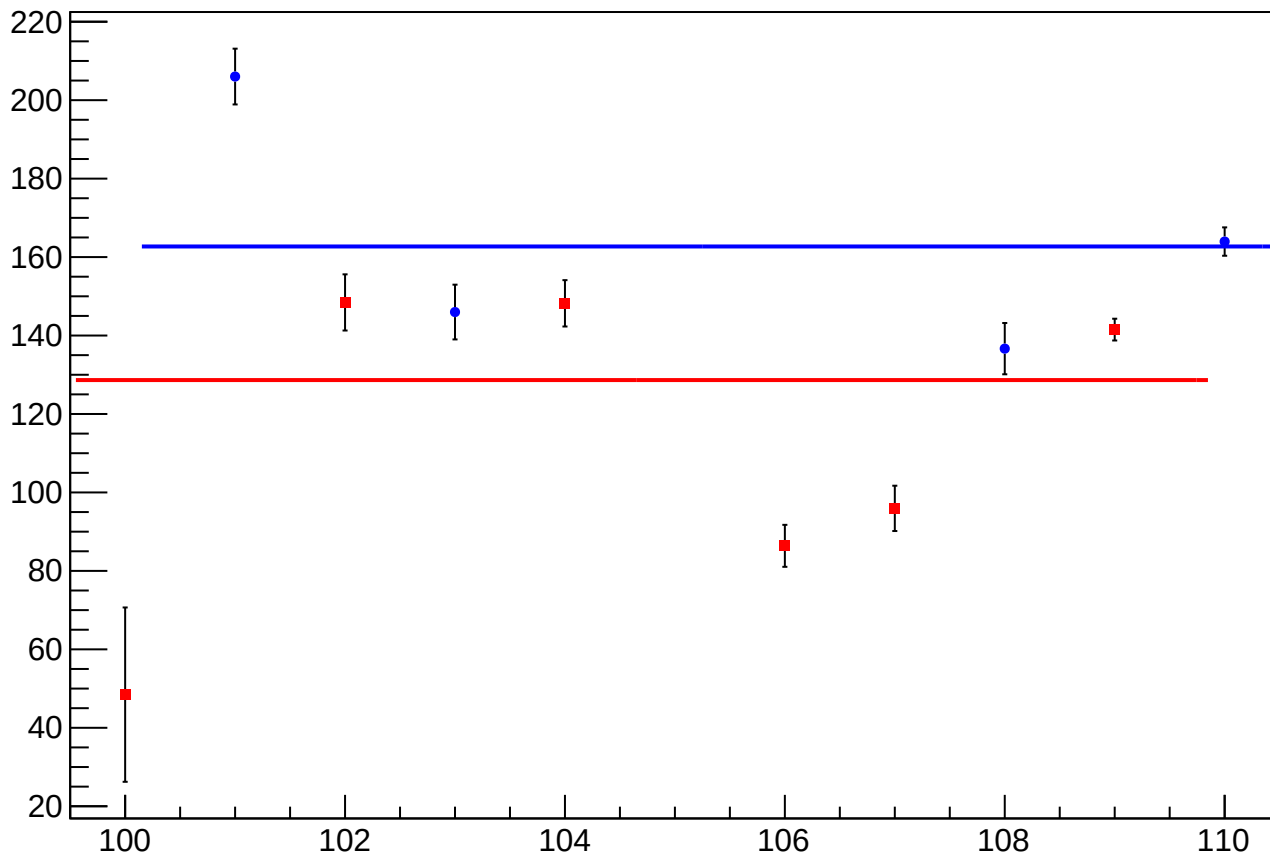
Right: 77.934+/-0.082 χ^2/NDF : 188504.9/9

In: 98.275+/-0.133 χ^2/NDF : 4013.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.934+/-0.082 χ^2/NDF : 188504.9/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 162.704 $\pm$ 2.671 χ^2 /NDF: 58.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 128.647 $\pm$ 2.020 χ^2 /NDF: 147.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

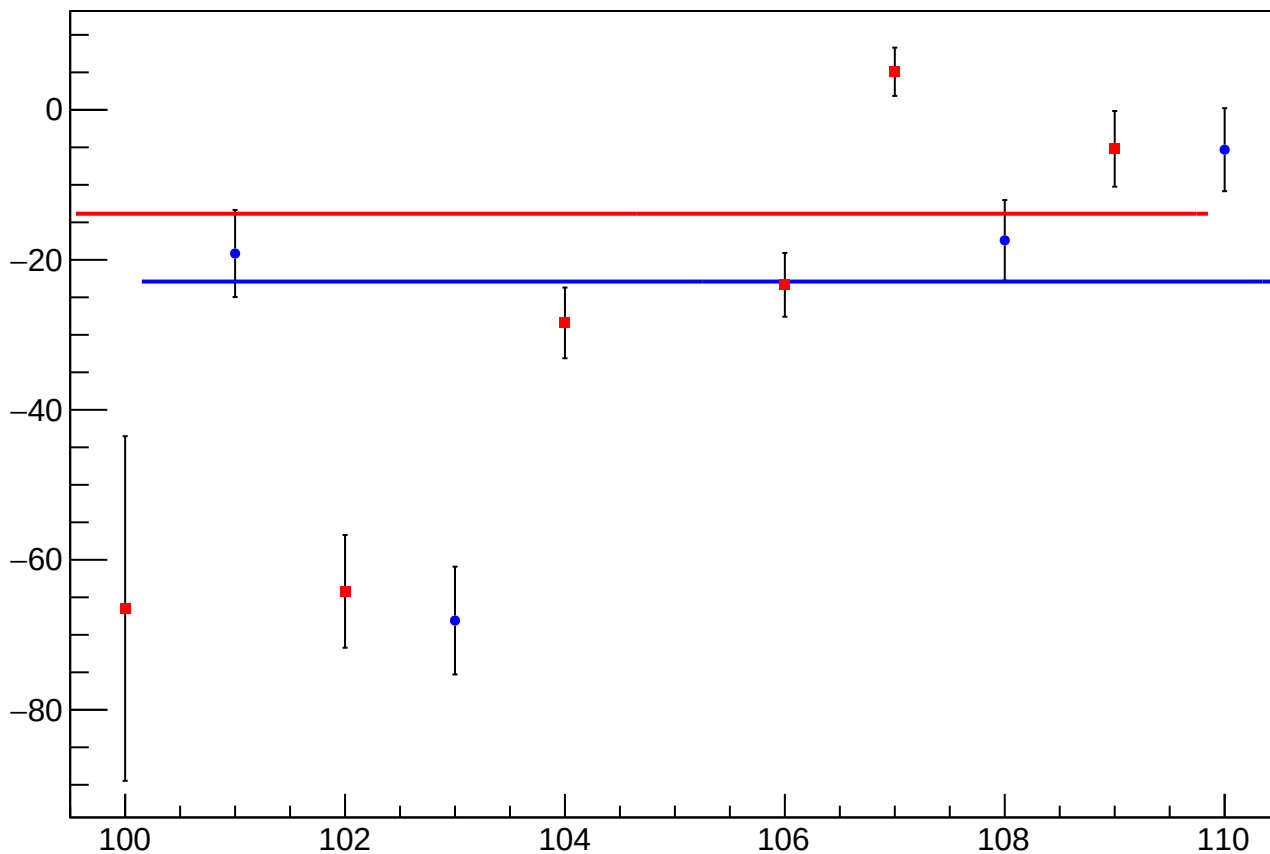
Right: 141.037 $\pm$ 1.611 χ^2 /NDF: 309.9/9

In: 162.704 $\pm$ 2.671 χ^2 /NDF:58.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 141.037 $\pm$ 1.611 χ^2 /NDF: 309.9/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -22.894 ± 2.932 $\chi^2/\text{NDF}: 51.1/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.851 ± 1.977 $\chi^2/\text{NDF}: 102.2/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

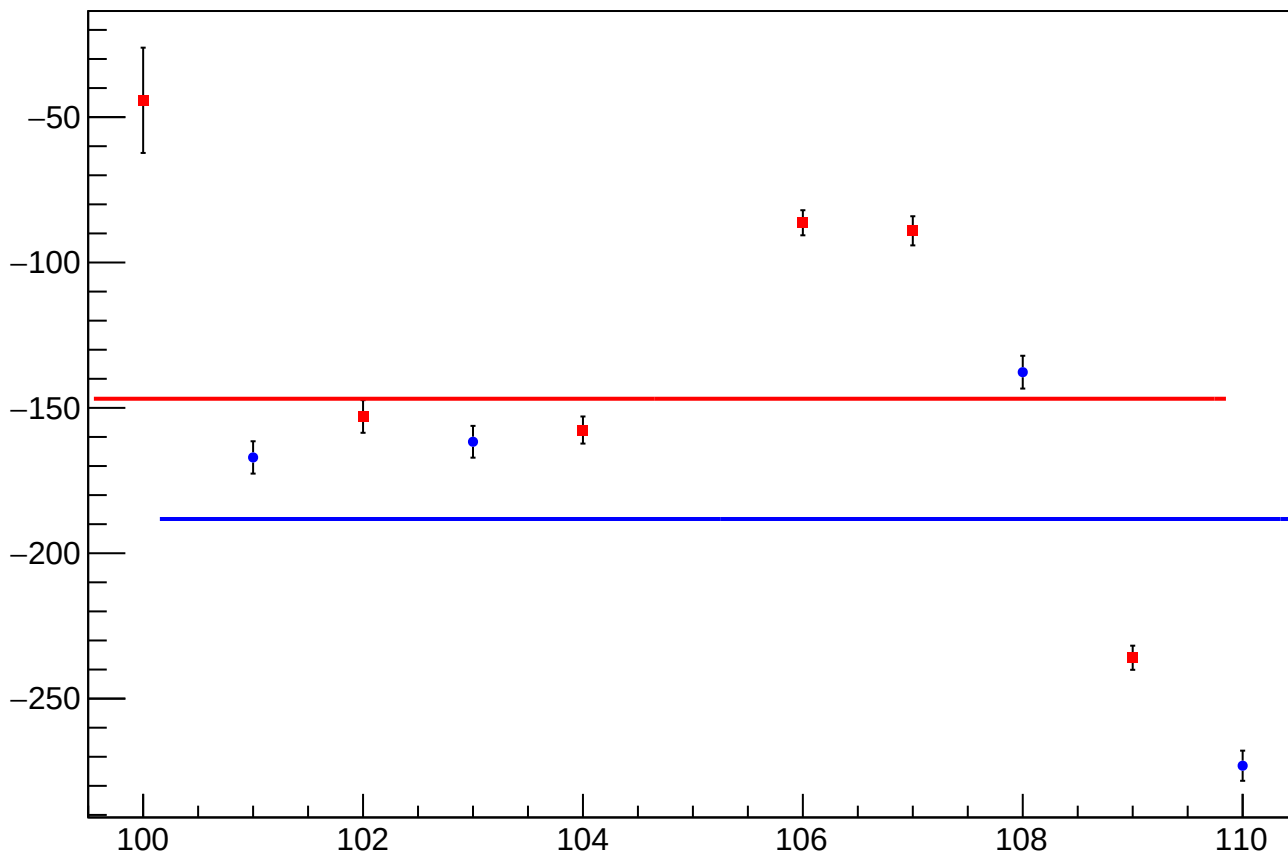
Right: -16.677 ± 1.639 $\chi^2/\text{NDF}: 159.8/9$

In: -22.894 ± 2.932 $\chi^2/\text{NDF}: 51.1/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.677 ± 1.639 $\chi^2/\text{NDF}: 159.8/9$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -188.221 ± 2.728 χ^2/NDF : 386.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -146.859 ± 2.074 χ^2/NDF : 829.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

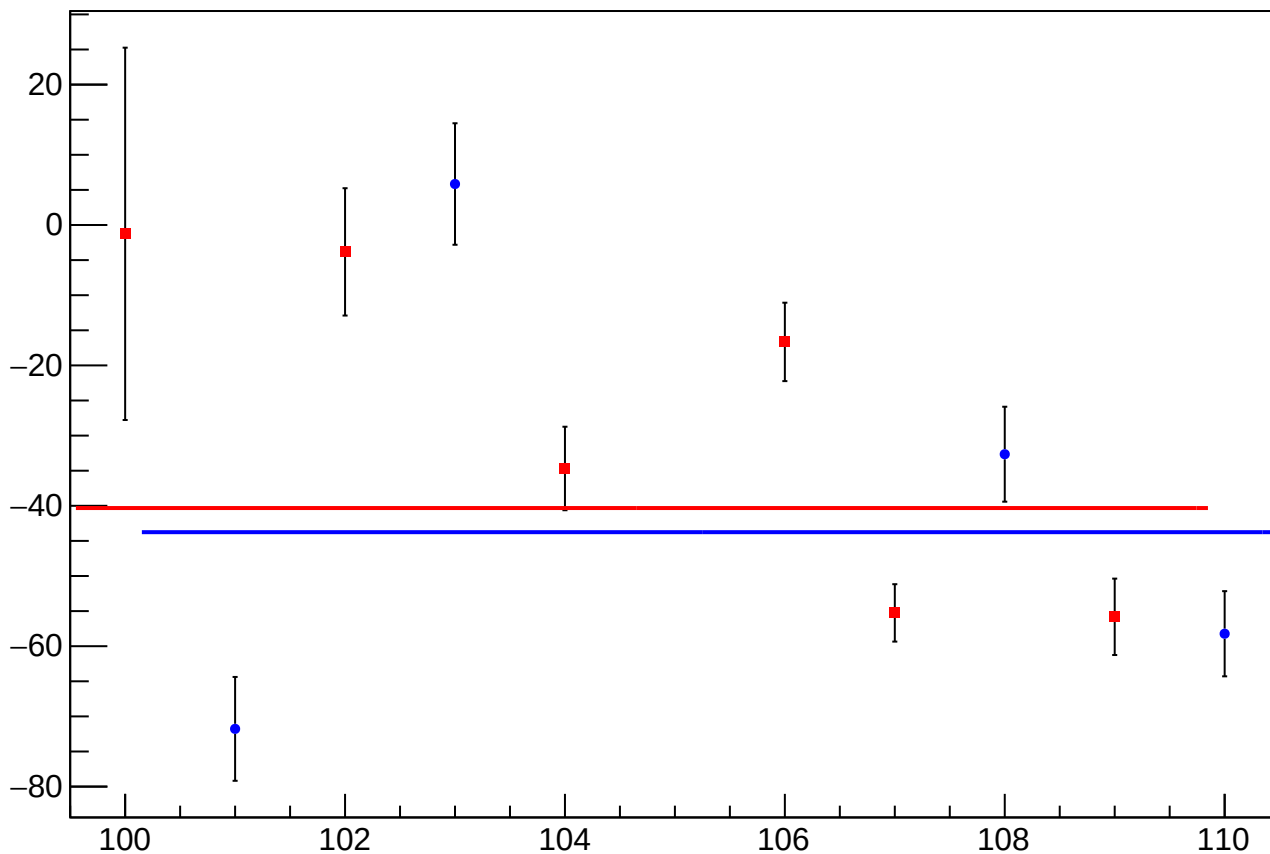
Right: -162.010 ± 1.651 χ^2/NDF : 1361.1/9

In: -188.221 ± 2.728 χ^2/NDF : 386.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -162.010 ± 1.651 χ^2/NDF : 1361.1/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -43.757 $\pm$ 3.521 χ^2 /NDF: 55.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.319 $\pm$ 2.443 χ^2 /NDF: 58.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

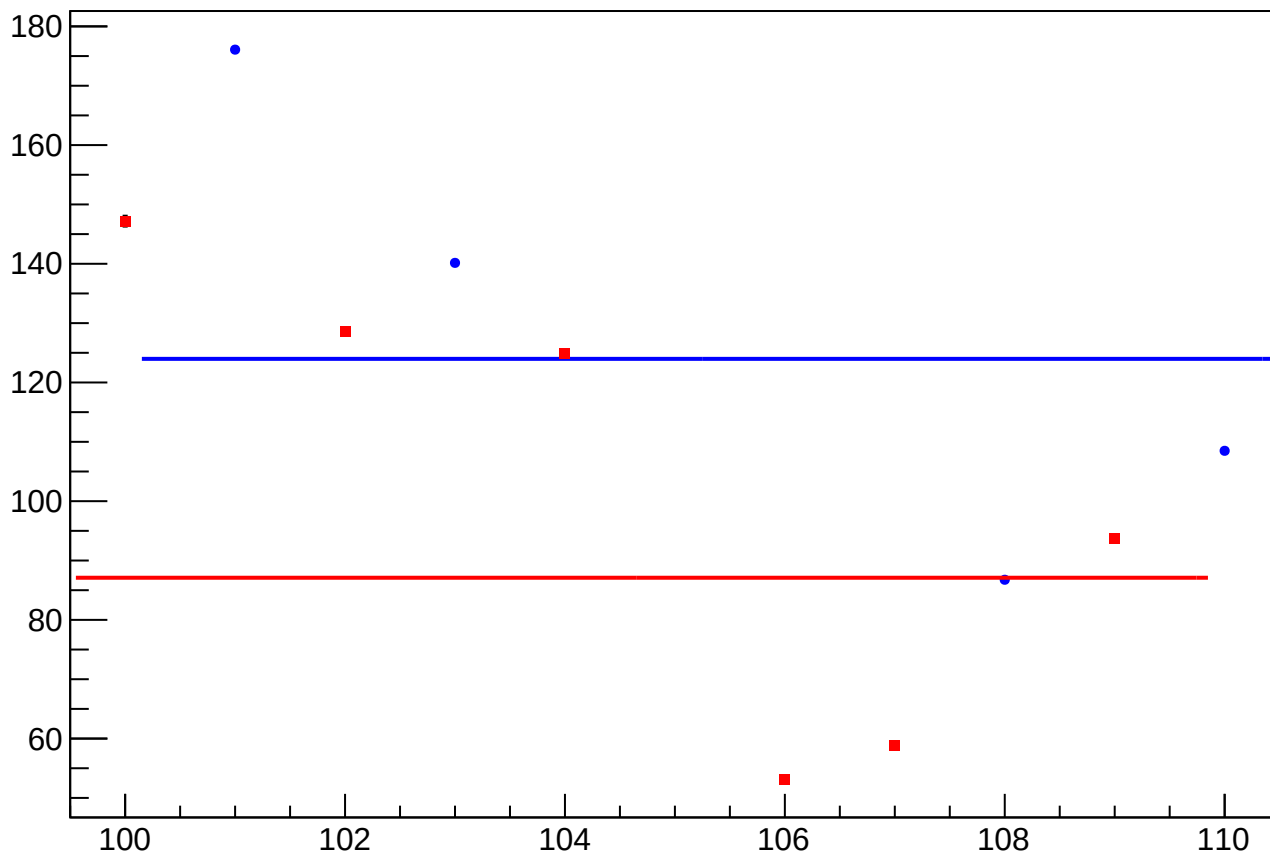
Right: -41.436 $\pm$ 2.007 χ^2 /NDF: 114.9/9

In: -43.757 $\pm$ 3.521 χ^2 /NDF:55.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -41.436 $\pm$ 2.007 χ^2 /NDF: 114.9/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 123.980+/-0.139 χ^2/NDF : 56721.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.100+/-0.100 χ^2/NDF : 111754.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

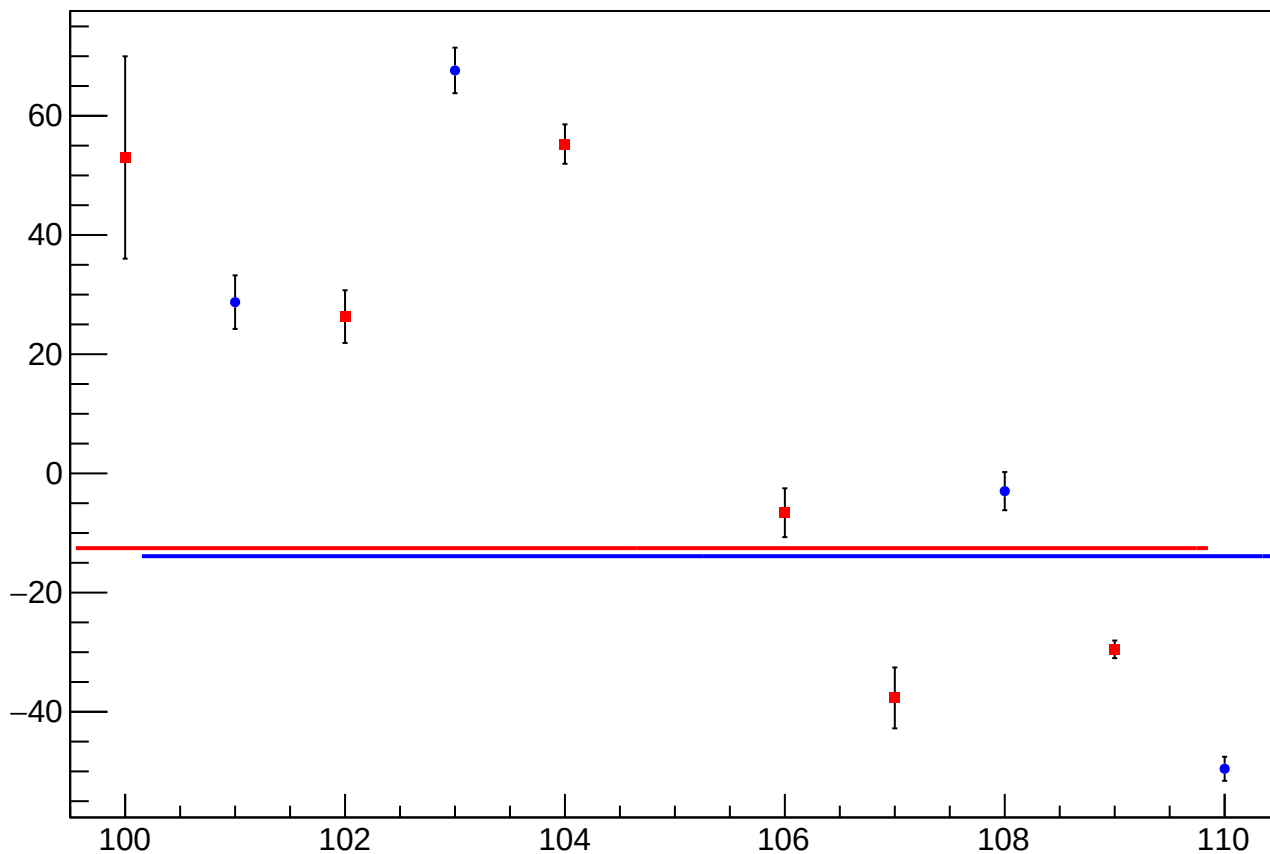
Right: 99.694+/-0.081 χ^2/NDF : 214803.1/9

In: 123.980+/-0.139 χ^2/NDF : 56721.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.694+/-0.081 χ^2/NDF : 214803.1/9

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.893+/-1.472 χ^2/NDF : 869.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -12.541+/-1.192 χ^2/NDF : 670.9/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

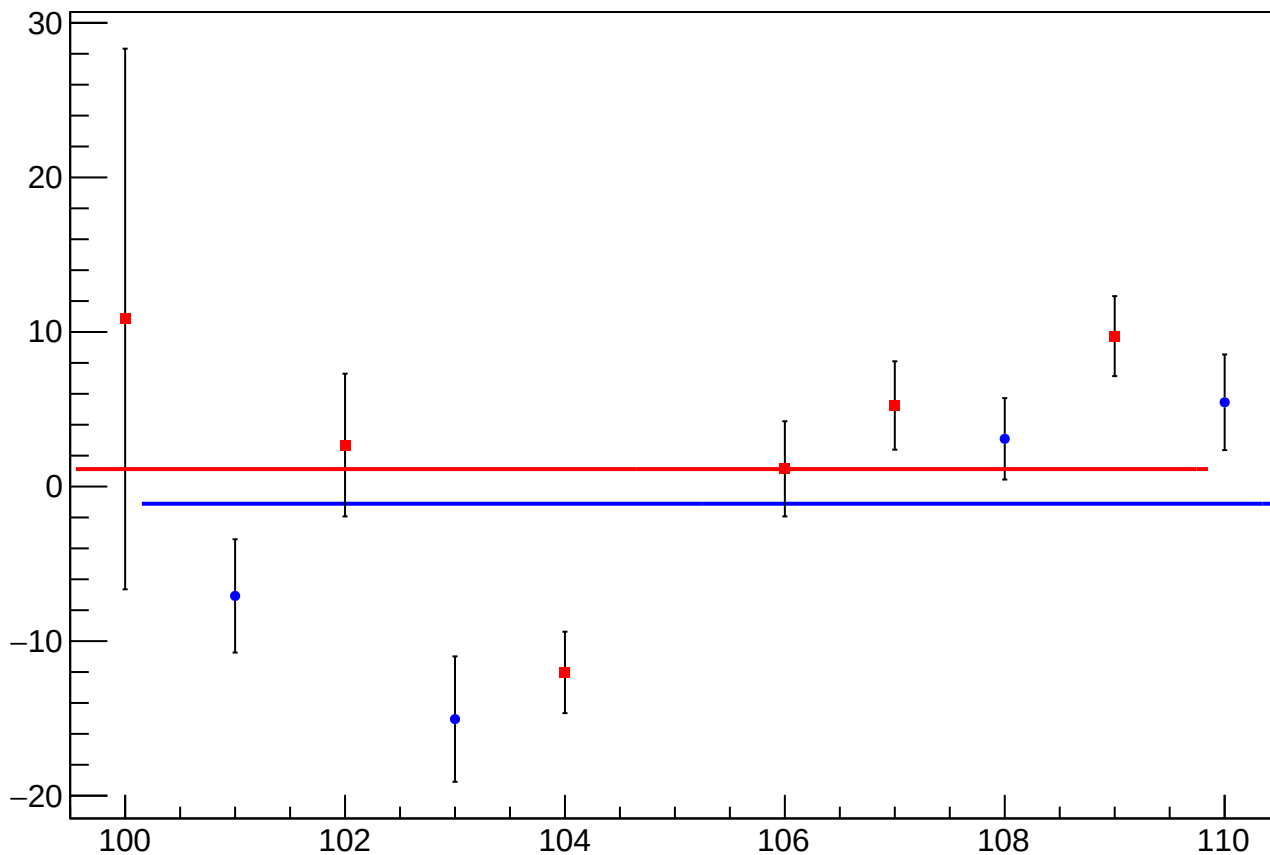
Right: -13.076+/-0.927 χ^2/NDF : 1540.9/9

In: -13.893+/-1.472 χ^2/NDF :869.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -13.076+/-0.927 χ^2/NDF : 1540.9/9

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.111 $\pm$ 1.614 χ^2 /NDF: 21.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.131 $\pm$ 1.323 χ^2 /NDF: 38.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

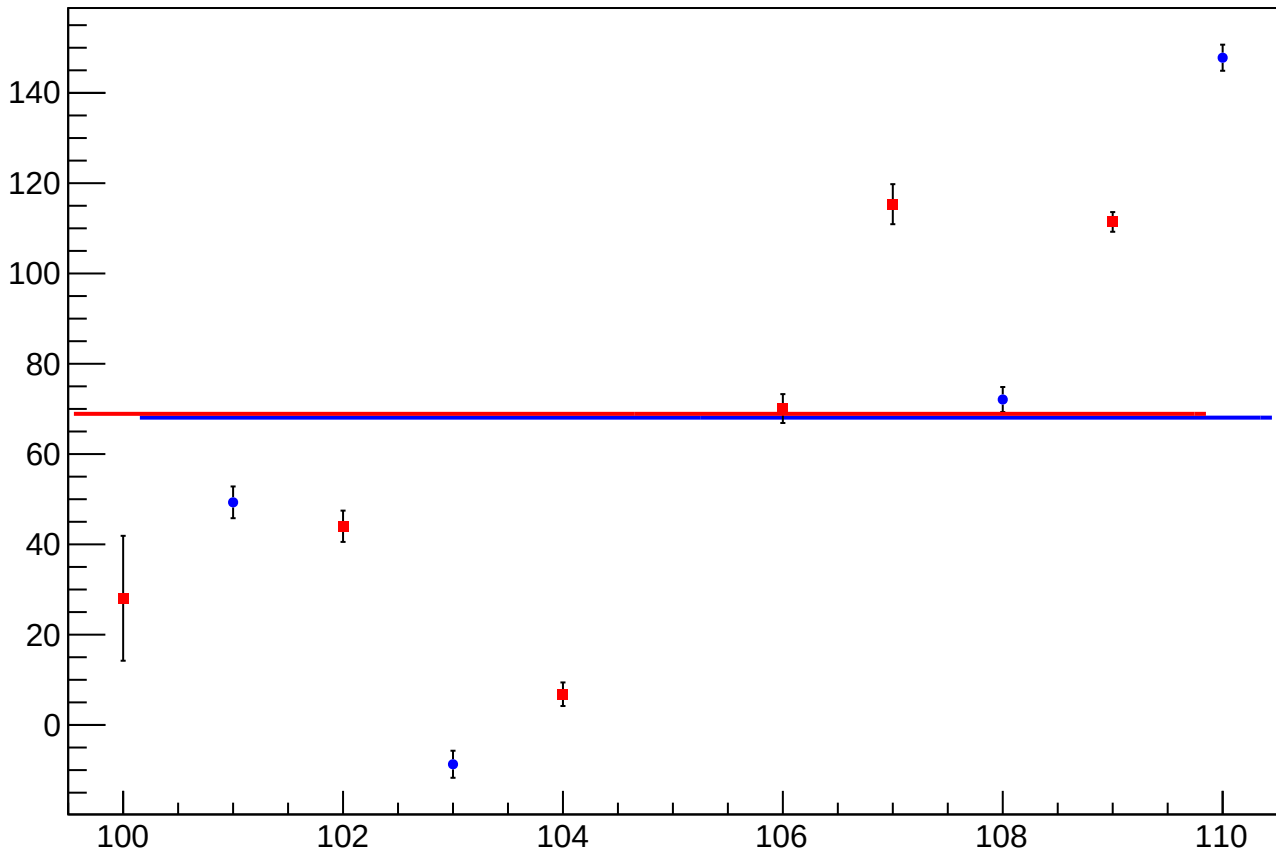
Right: 0.230 $\pm$ 1.023 χ^2 /NDF: 61.1/9

In: -1.111 $\pm$ 1.614 χ^2 /NDF:21.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.230 $\pm$ 1.023 χ^2 /NDF: 61.1/9

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.071+/-1.503 χ^2/NDF : 1447.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.912+/-1.298 χ^2/NDF : 1115.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

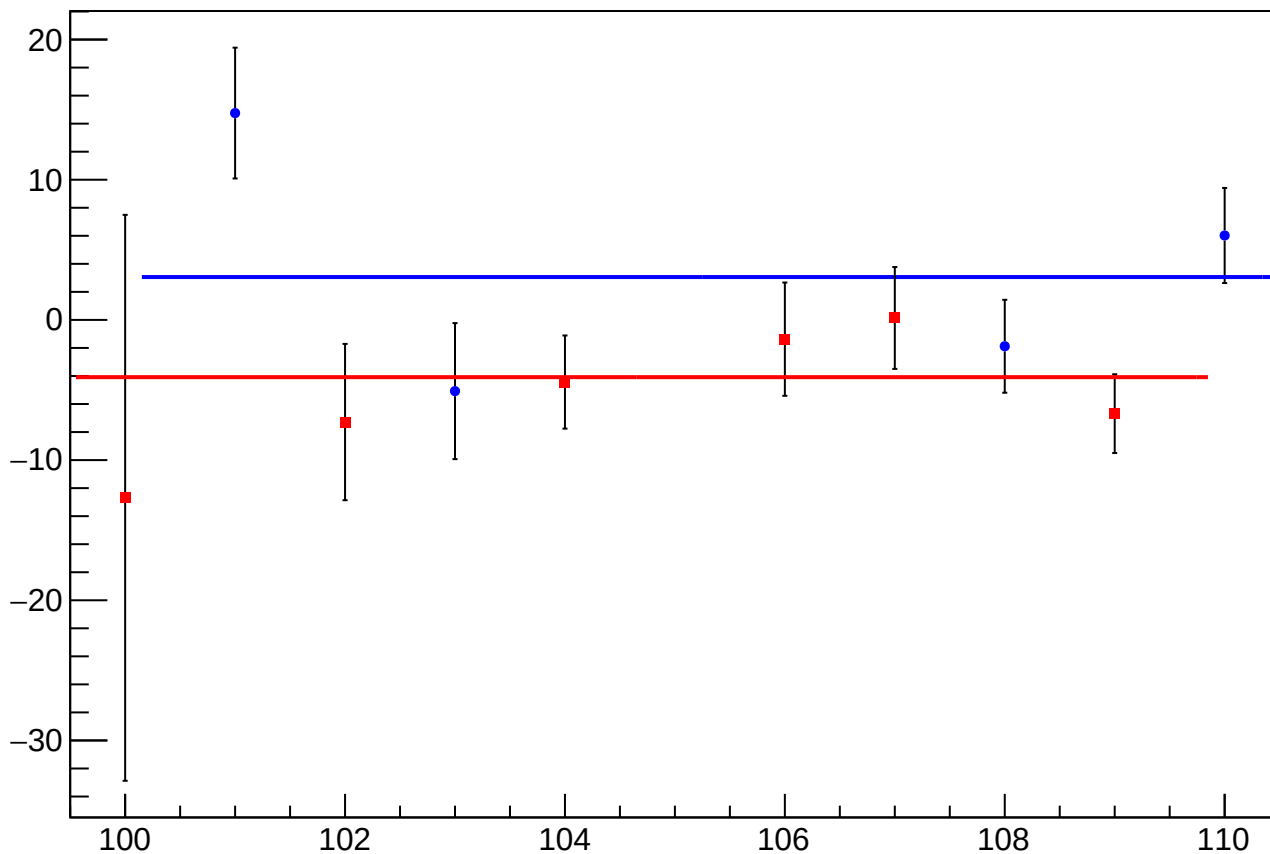
Right: 68.553+/-0.982 χ^2/NDF : 2563.6/9

In: 68.071+/-1.503 χ^2/NDF : 1447.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.553+/-0.982 χ^2/NDF : 2563.6/9

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.057+/-1.937 χ^2/NDF : 12.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.083+/-1.604 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

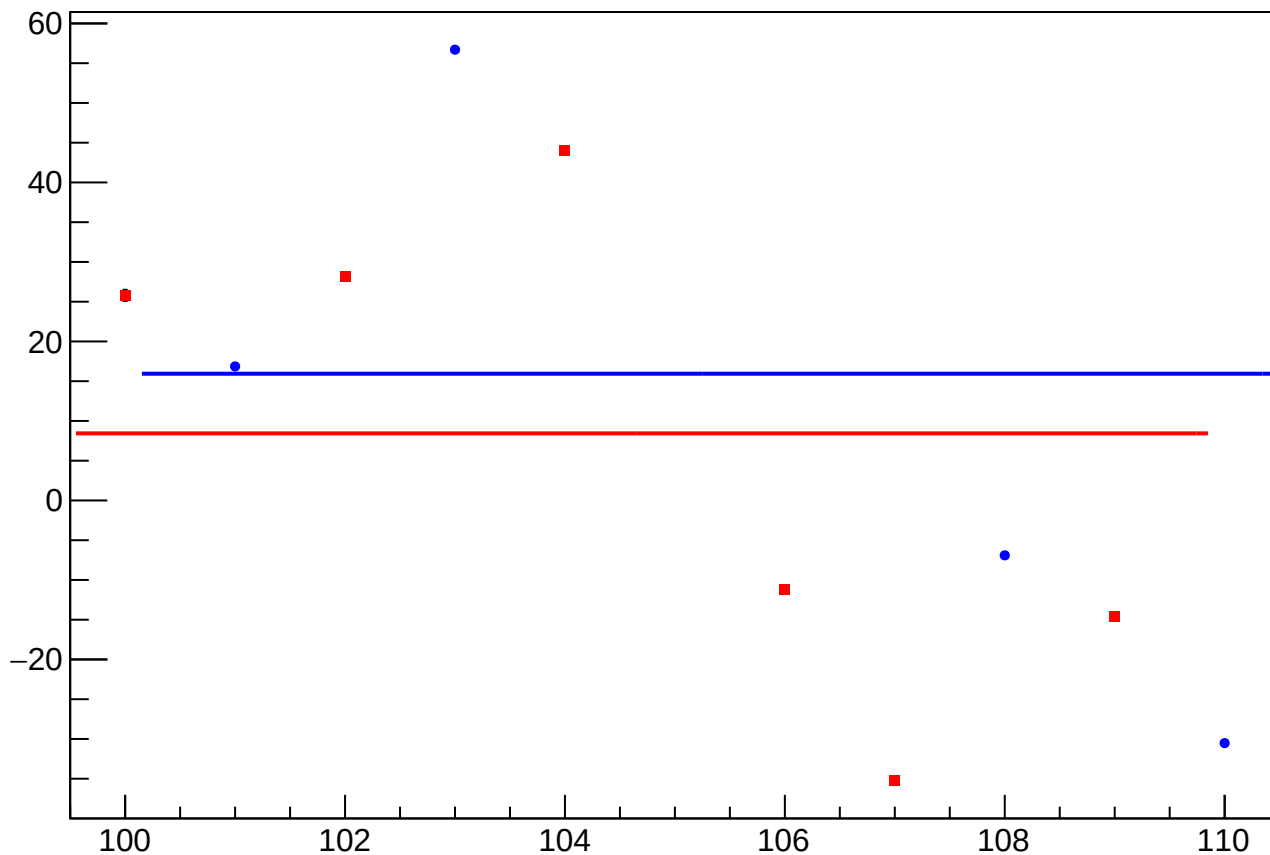
Right: -1.180+/-1.235 χ^2/NDF : 23.3/9

In: 3.057+/-1.937 χ^2/NDF : 12.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.180+/-1.235 χ^2/NDF : 23.3/9

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.940+/-0.074 χ^2/NDF : 183231.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.439+/-0.067 χ^2/NDF : 194741.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

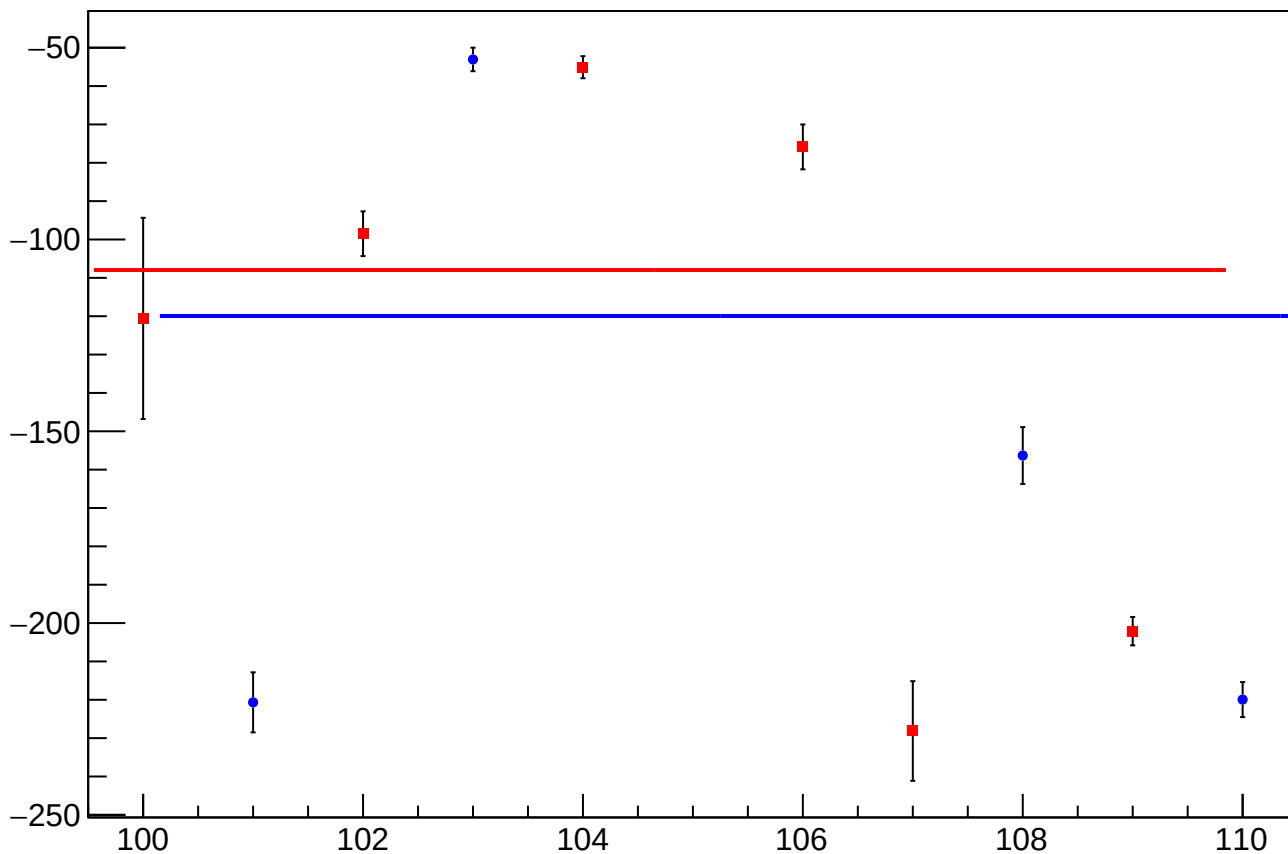
Right: 11.803+/-0.050 χ^2/NDF : 383621.8/9

In: 15.940+/-0.074 χ^2/NDF : 183231.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.803+/-0.050 χ^2/NDF : 383621.8/9

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -119.939+/-2.301 χ^2/NDF : 1145.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -107.958+/-1.961 χ^2/NDF : 1104.6/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

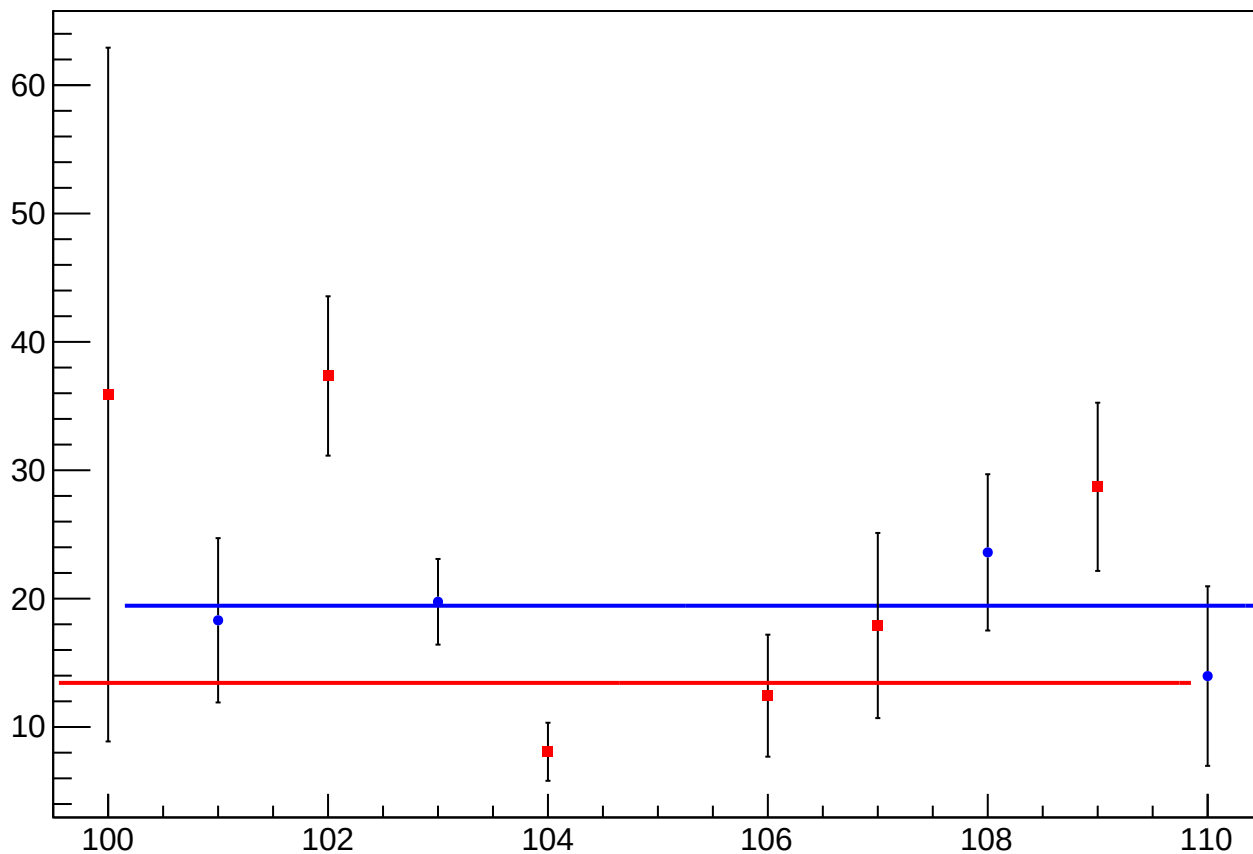
Right: -112.998+/-1.492 χ^2/NDF : 2265.7/9

In: -119.939+/-2.301 χ^2/NDF :1145.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -112.998+/-1.492 χ^2/NDF : 2265.7/9

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.447 $\pm$ 2.487 χ^2 /NDF: 1.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.436 $\pm$ 1.797 χ^2 /NDF: 27.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

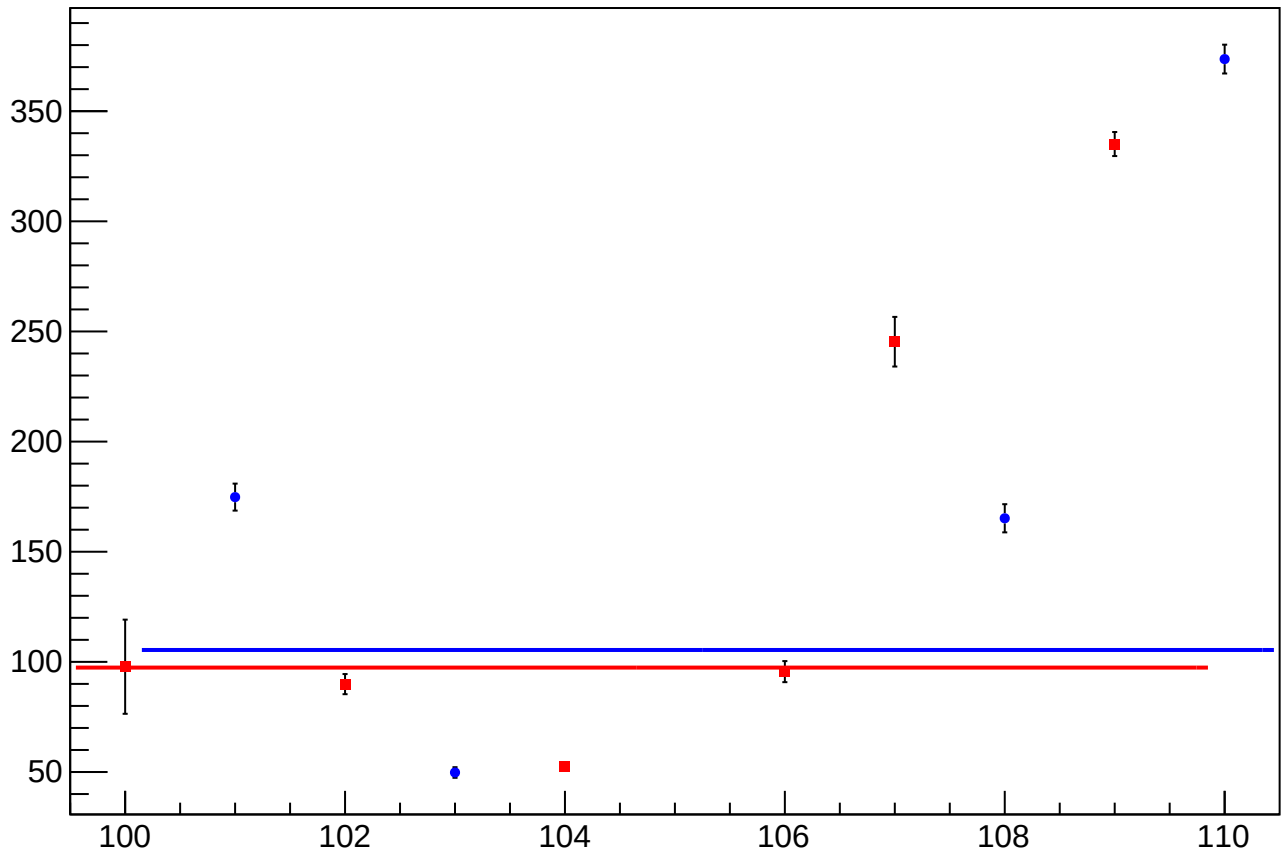
Right: 15.498 $\pm$ 1.457 χ^2 /NDF: 32.0/9

In: 19.447 $\pm$ 2.487 χ^2 /NDF: 1.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.498 $\pm$ 1.457 χ^2 /NDF: 32.0/9

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 105.399 $\pm$ 2.013 χ^2 /NDF: 2430.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.406 $\pm$ 1.742 χ^2 /NDF: 2463.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

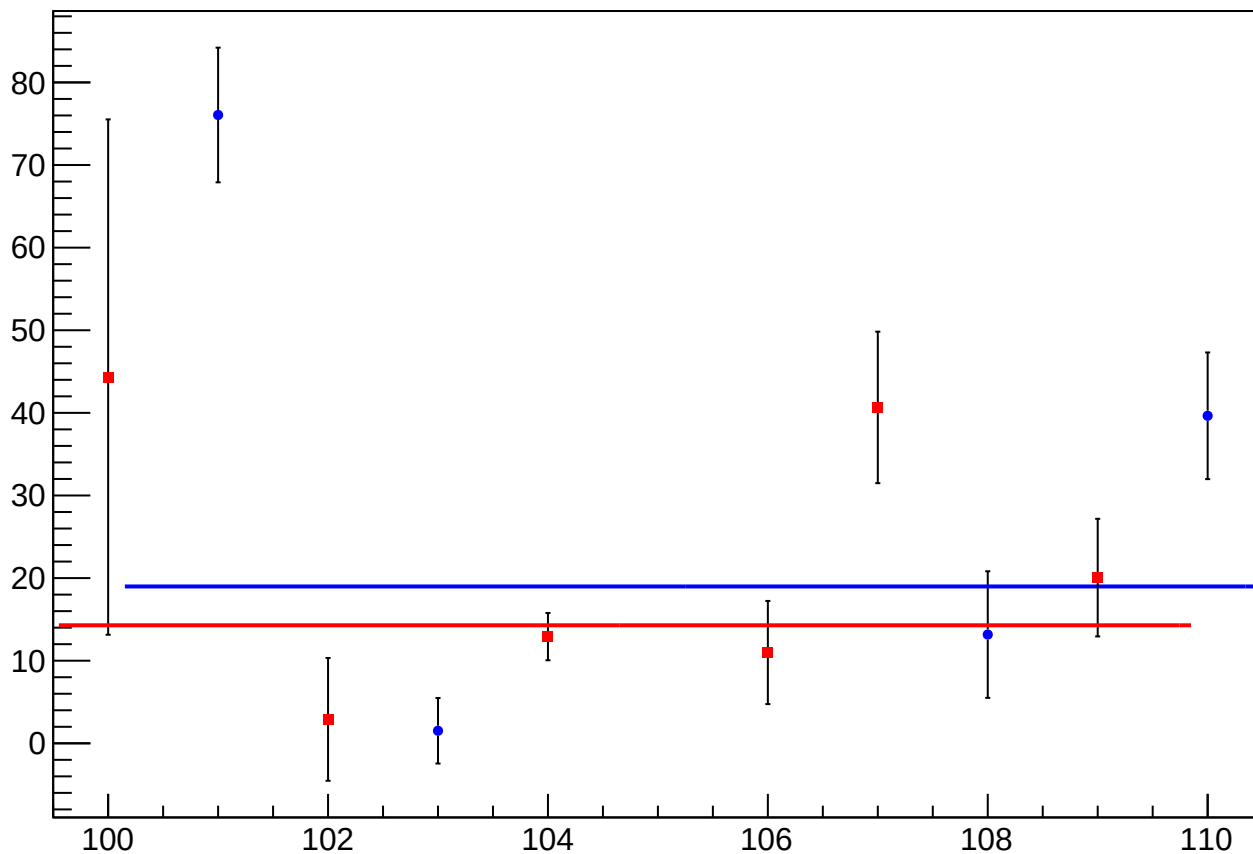
Right: 100.827 $\pm$ 1.317 χ^2 /NDF: 4902.1/9

In: 105.399 $\pm$ 2.013 χ^2 /NDF:2430.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.827 $\pm$ 1.317 χ^2 /NDF: 4902.1/9

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.987+/-2.978 χ^2/NDF : 76.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.288+/-2.244 χ^2/NDF : 12.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

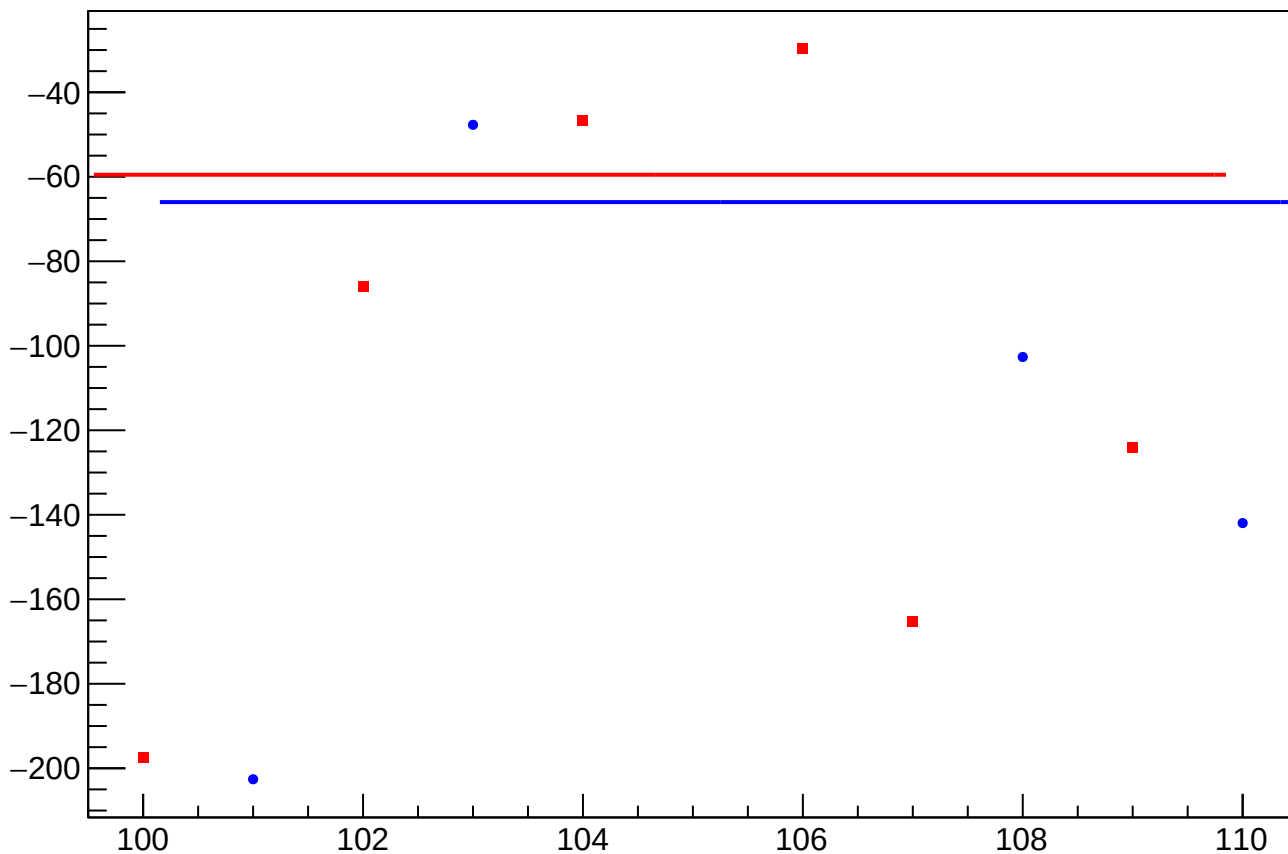
Right: 15.990+/-1.792 χ^2/NDF : 90.6/9

In: 18.987+/-2.978 χ^2/NDF : 76.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.990+/-1.792 χ^2/NDF : 90.6/9

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -65.991+/-0.090 χ^2/NDF : 212482.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -59.516+/-0.082 χ^2/NDF : 152840.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

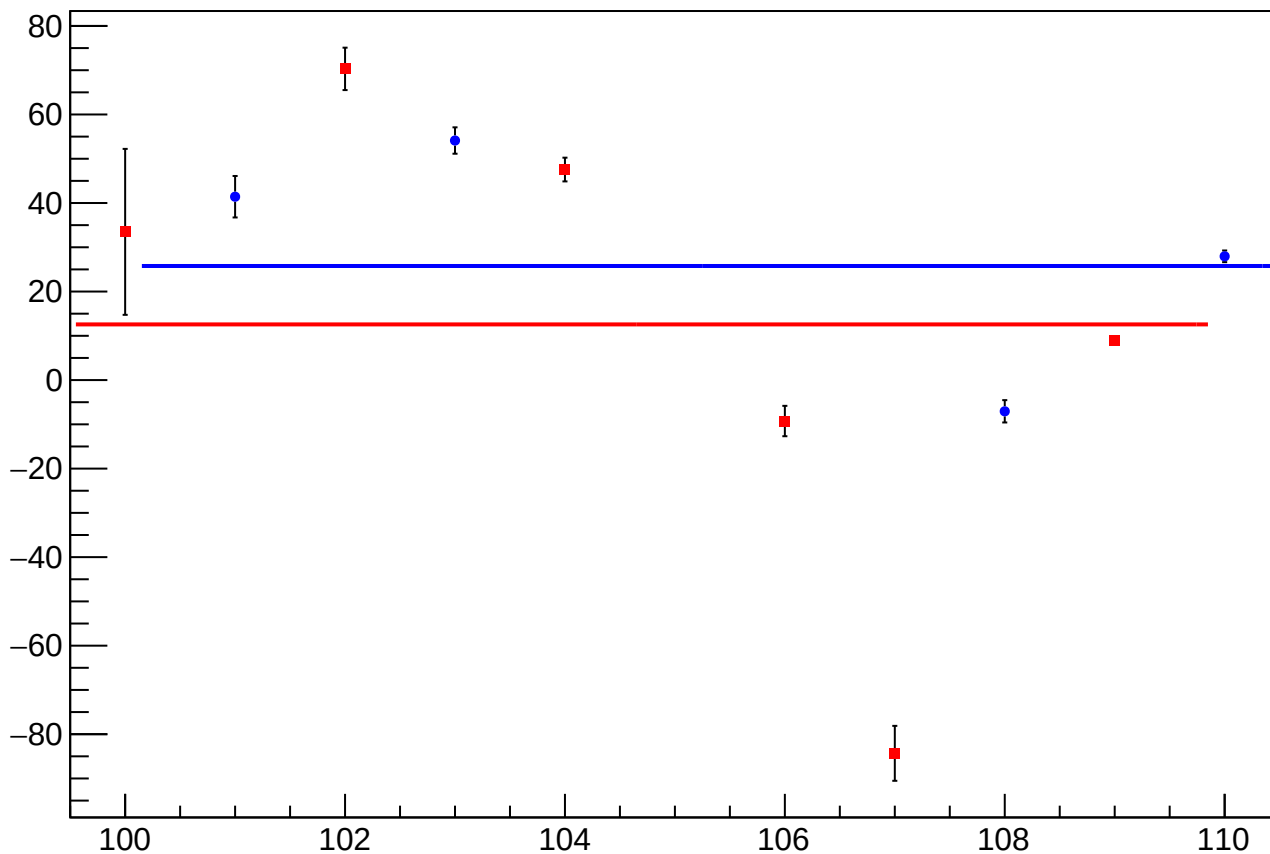
Right: -62.480+/-0.061 χ^2/NDF : 368159.9/9

In: -65.991+/-0.090 χ^2/NDF : 212482.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.480+/-0.061 χ^2/NDF : 368159.9/9

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 25.773+/-1.059 χ^2 /NDF: 273.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 12.575+/-0.932 χ^2 /NDF: 612.4/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

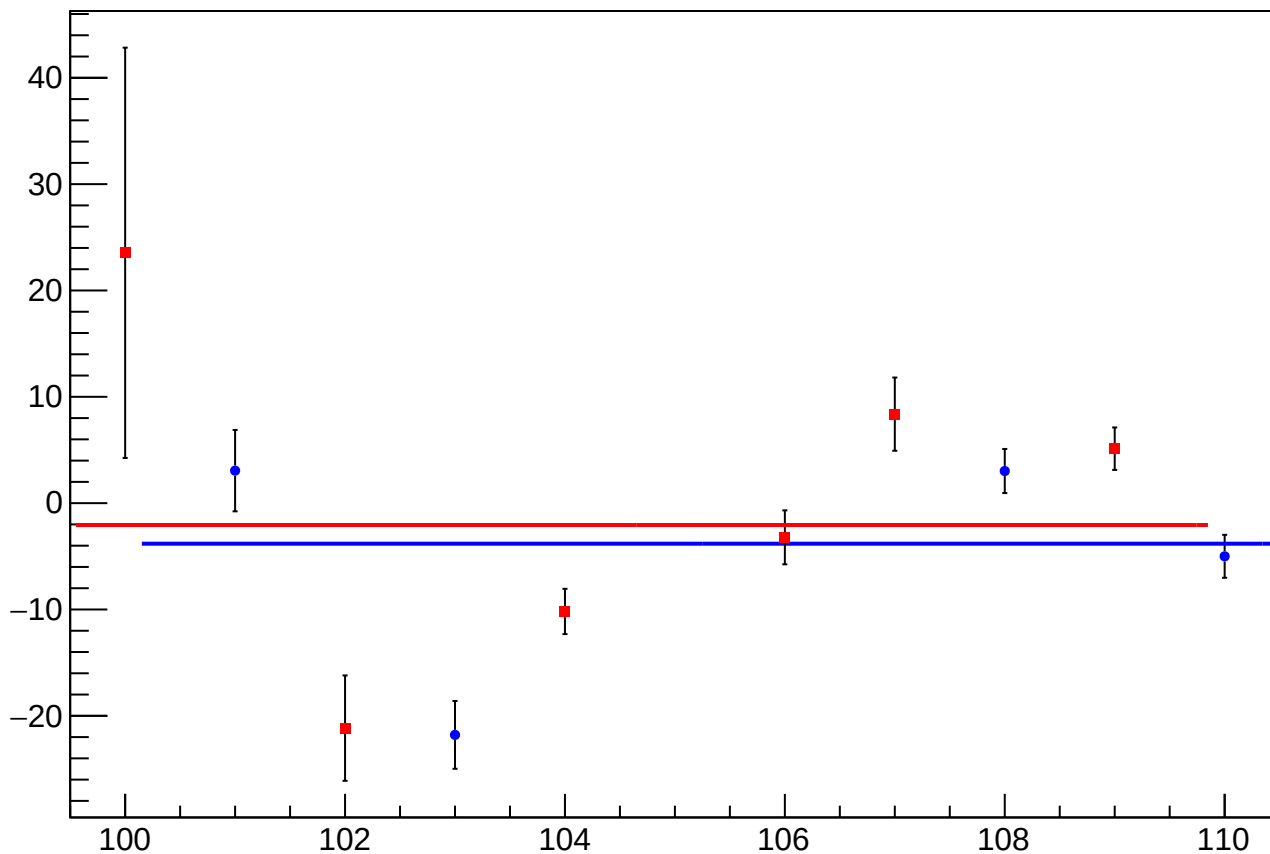
Right: 18.334+/-0.700 χ^2 /NDF: 973.7/9

In: 25.773+/-1.059 χ^2 /NDF:273.9/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 18.334+/-0.700 χ^2 /NDF: 973.7/9

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.813+/-1.246 χ^2/NDF : 46.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.056+/-1.151 χ^2/NDF : 53.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

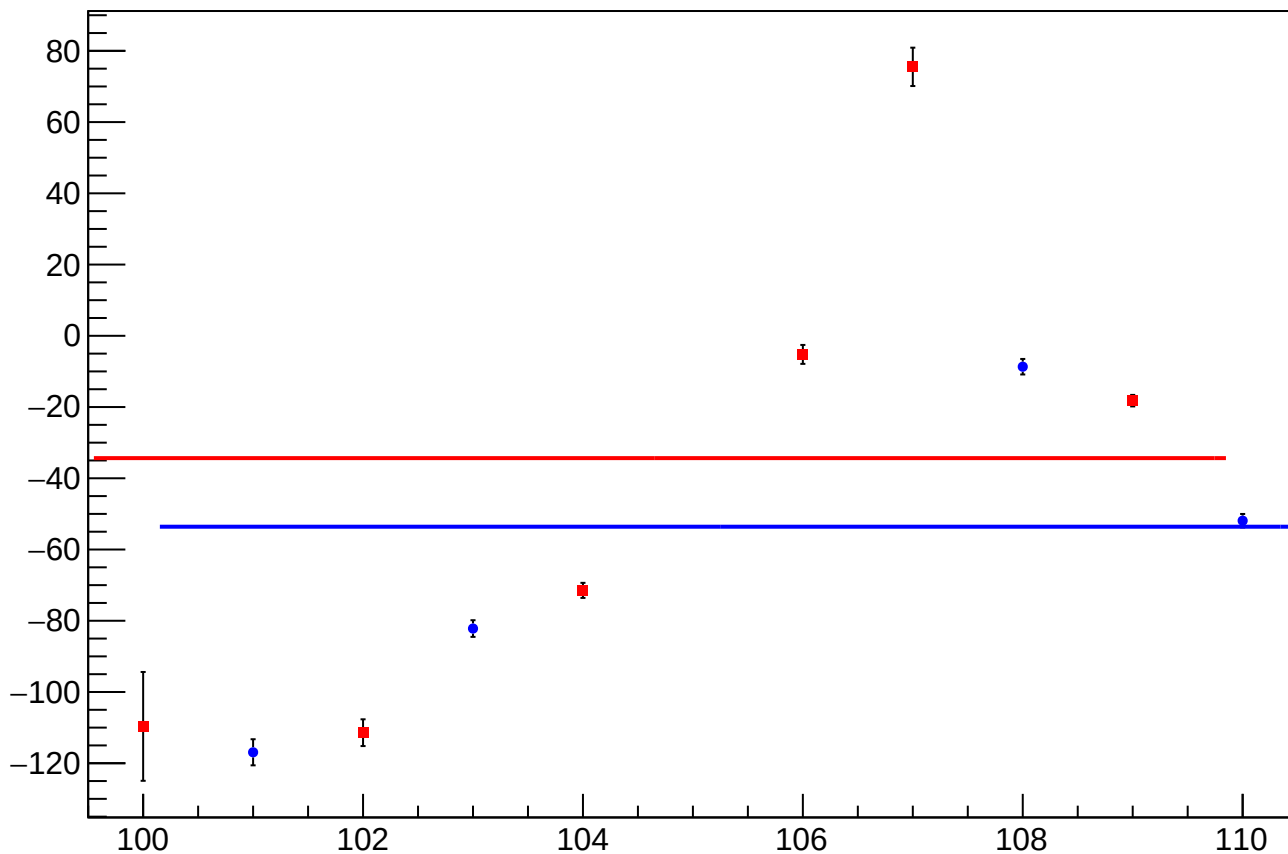
Right: -2.866+/-0.845 χ^2/NDF : 100.9/9

In: -3.813+/-1.246 χ^2/NDF : 46.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.866+/-0.845 χ^2/NDF : 100.9/9

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -53.596 $\pm$ 1.156 χ^2 /NDF: 874.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -34.340 $\pm$ 1.079 χ^2 /NDF: 1390.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

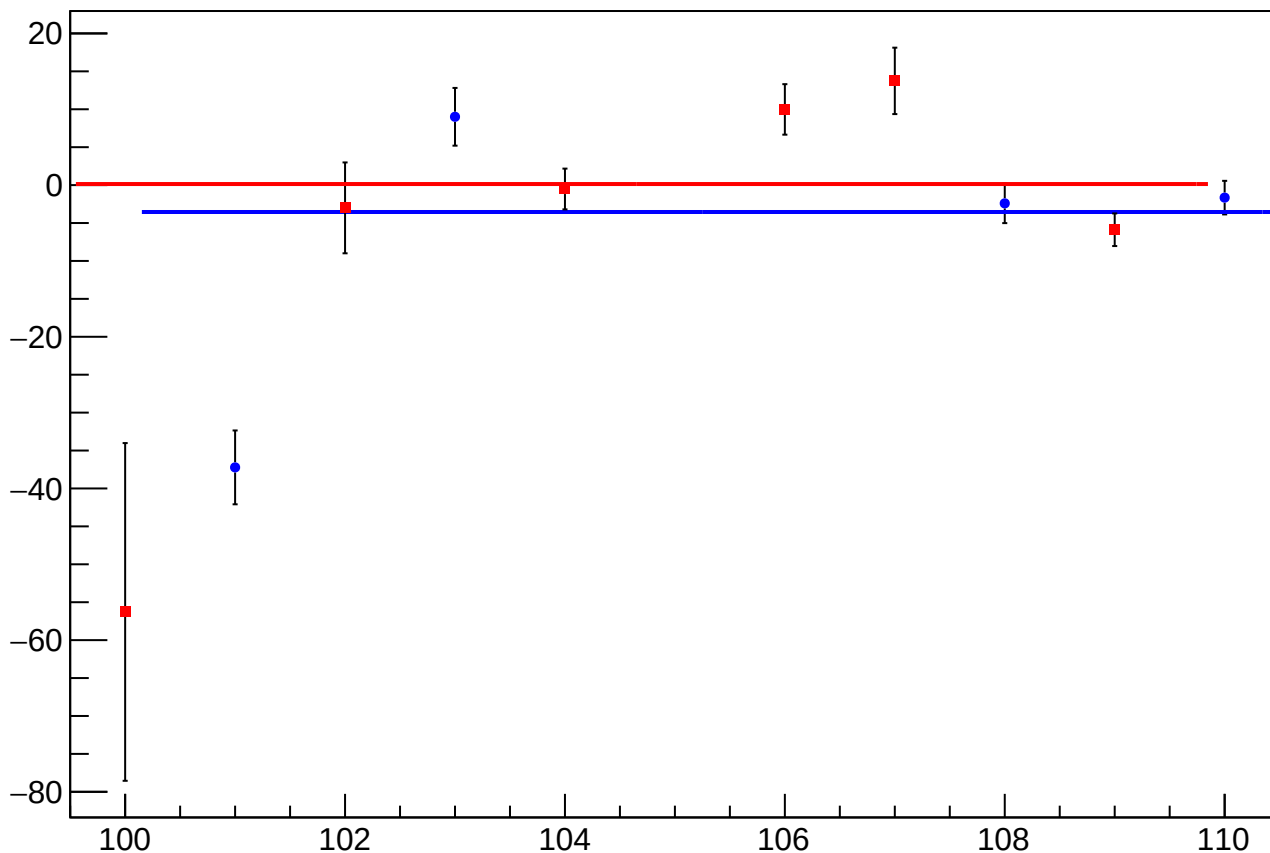
Right: -43.309 $\pm$ 0.789 χ^2 /NDF: 2412.6/9

In: -53.596 $\pm$ 1.156 χ^2 /NDF:874.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.309 $\pm$ 0.789 χ^2 /NDF: 2412.6/9

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.546 +/- 1.471 χ^2/NDF : 59.7/3

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.141 +/- 1.377 χ^2/NDF : 33.0/5

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

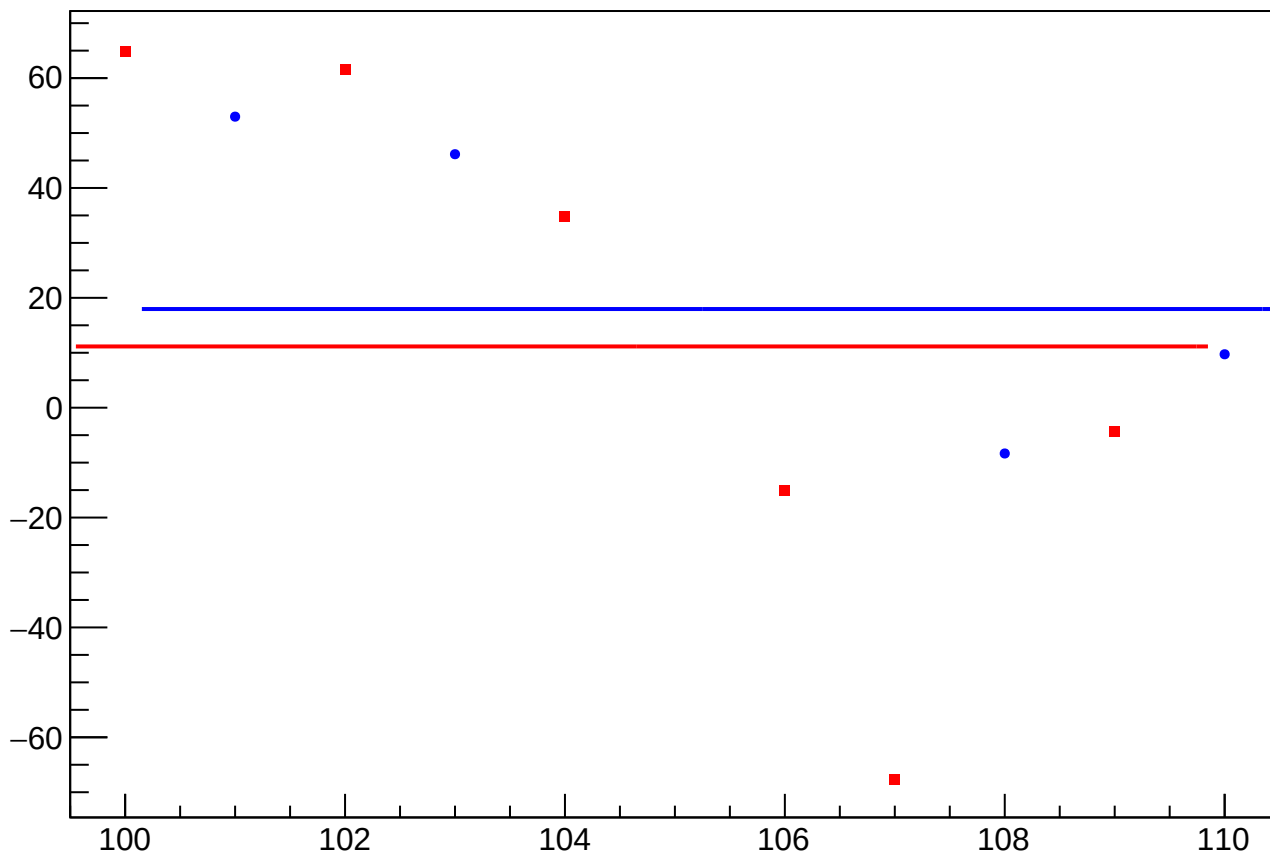
Right: -1.582 +/- 1.005 χ^2/NDF : 96.0/9

In: -3.546 +/- 1.471 χ^2/NDF : 59.7/3

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -1.582 +/- 1.005 χ^2/NDF : 96.0/9

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 17.962 $\pm$ 0.058 χ^2 /NDF: 199391.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.151 $\pm$ 0.059 χ^2 /NDF: 341778.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

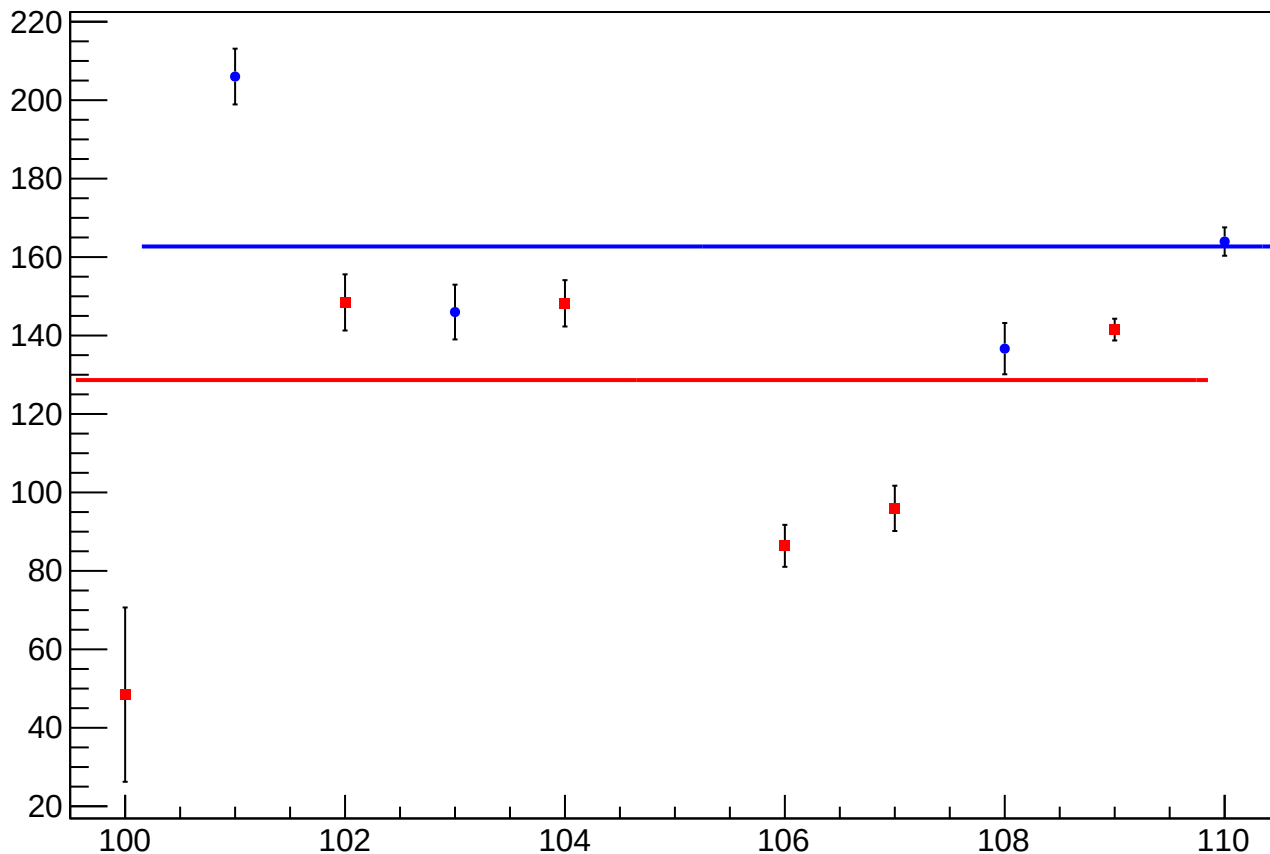
Right: 14.579 $\pm$ 0.041 χ^2 /NDF: 547921.7/9

In: 17.962 $\pm$ 0.058 χ^2 /NDF:199391.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.579 $\pm$ 0.041 χ^2 /NDF: 547921.7/9

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 162.704 $\pm$ 2.671 χ^2 /NDF: 58.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 128.647 $\pm$ 2.020 χ^2 /NDF: 147.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

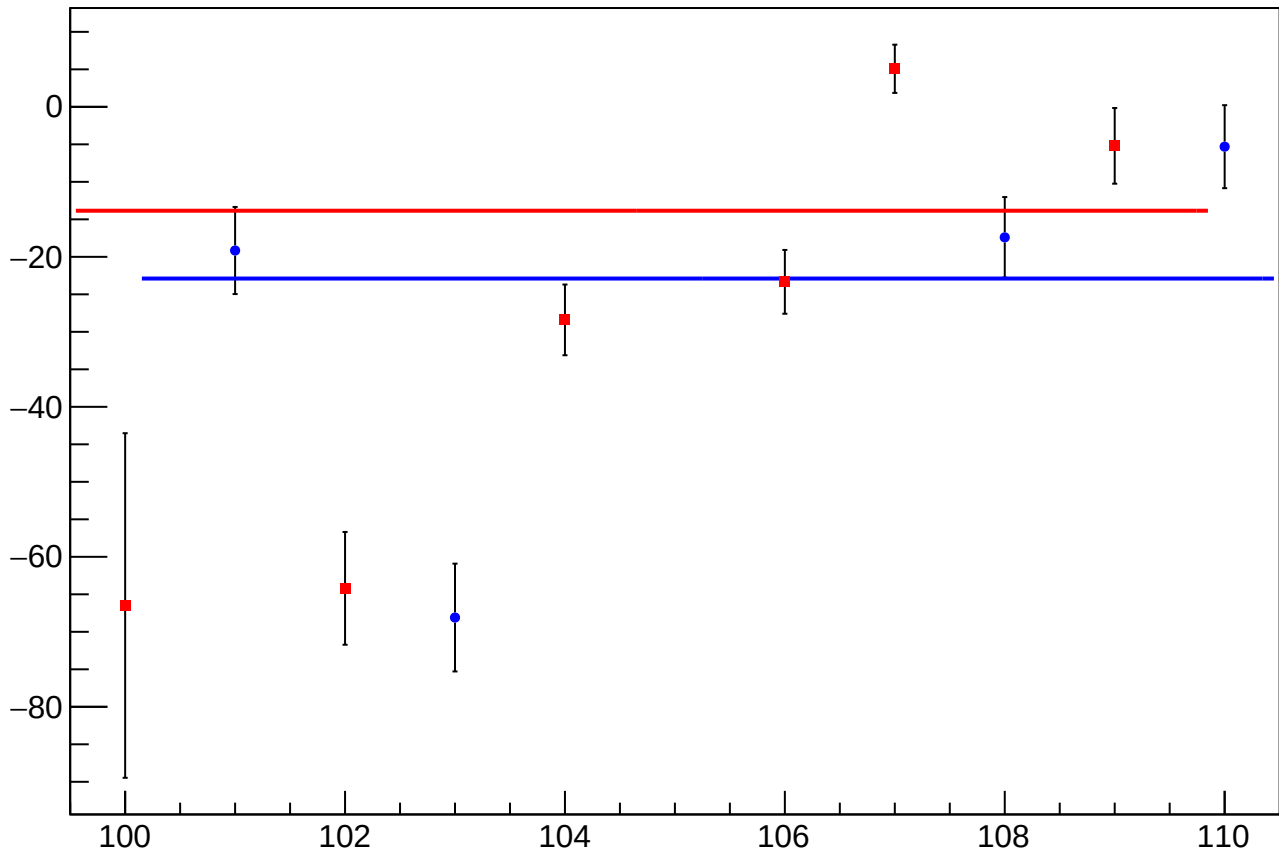
Right: 141.037 $\pm$ 1.611 χ^2 /NDF: 309.9/9

In: 162.704 $\pm$ 2.671 χ^2 /NDF:58.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 141.037 $\pm$ 1.611 χ^2 /NDF: 309.9/9

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -22.894 $\pm$ 2.932 χ^2 /NDF: 51.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.851 $\pm$ 1.977 χ^2 /NDF: 102.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

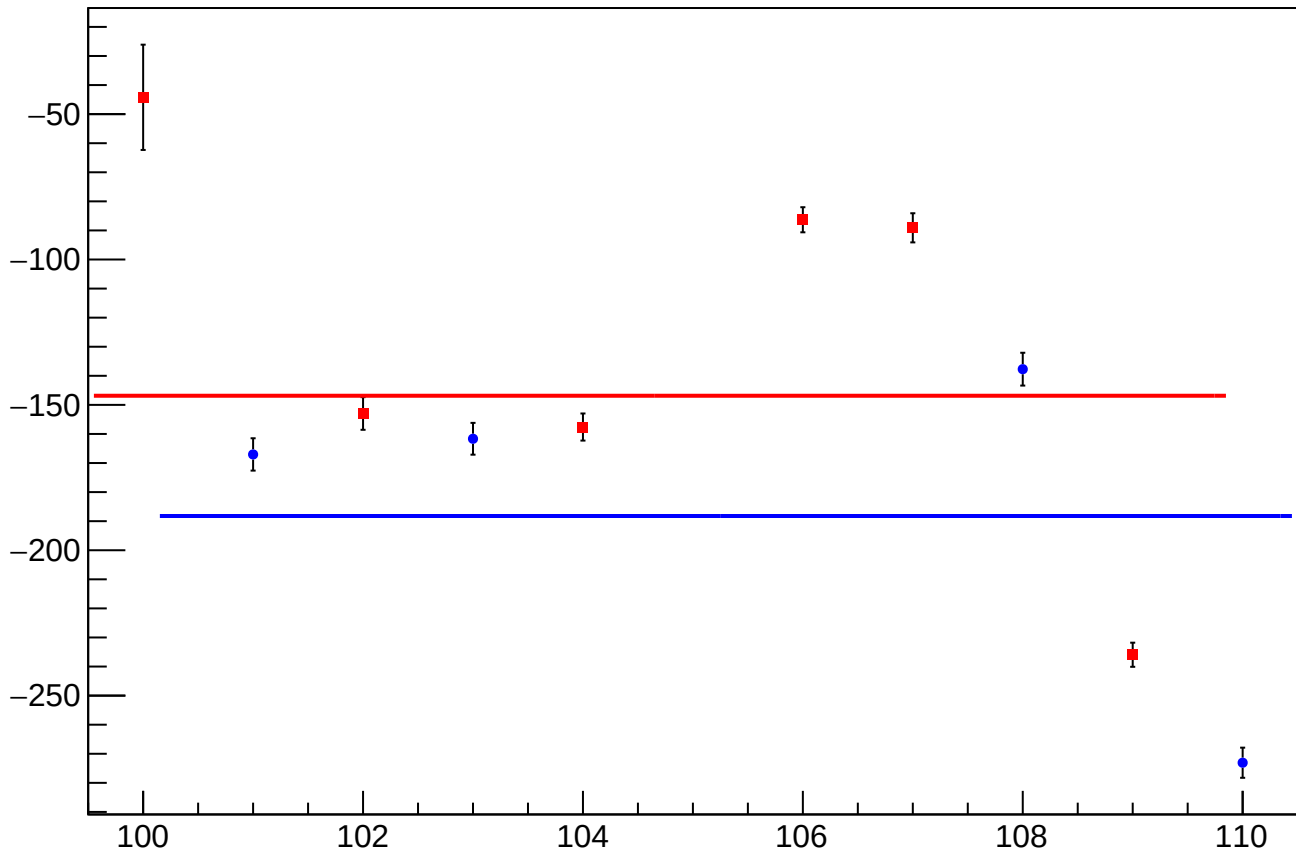
Right: -16.677 $\pm$ 1.639 χ^2 /NDF: 159.8/9

In: -22.894 $\pm$ 2.932 χ^2 /NDF:51.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.677 $\pm$ 1.639 χ^2 /NDF: 159.8/9

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -188.221 ± 2.728 χ^2/NDF : 386.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -146.859 ± 2.074 χ^2/NDF : 829.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

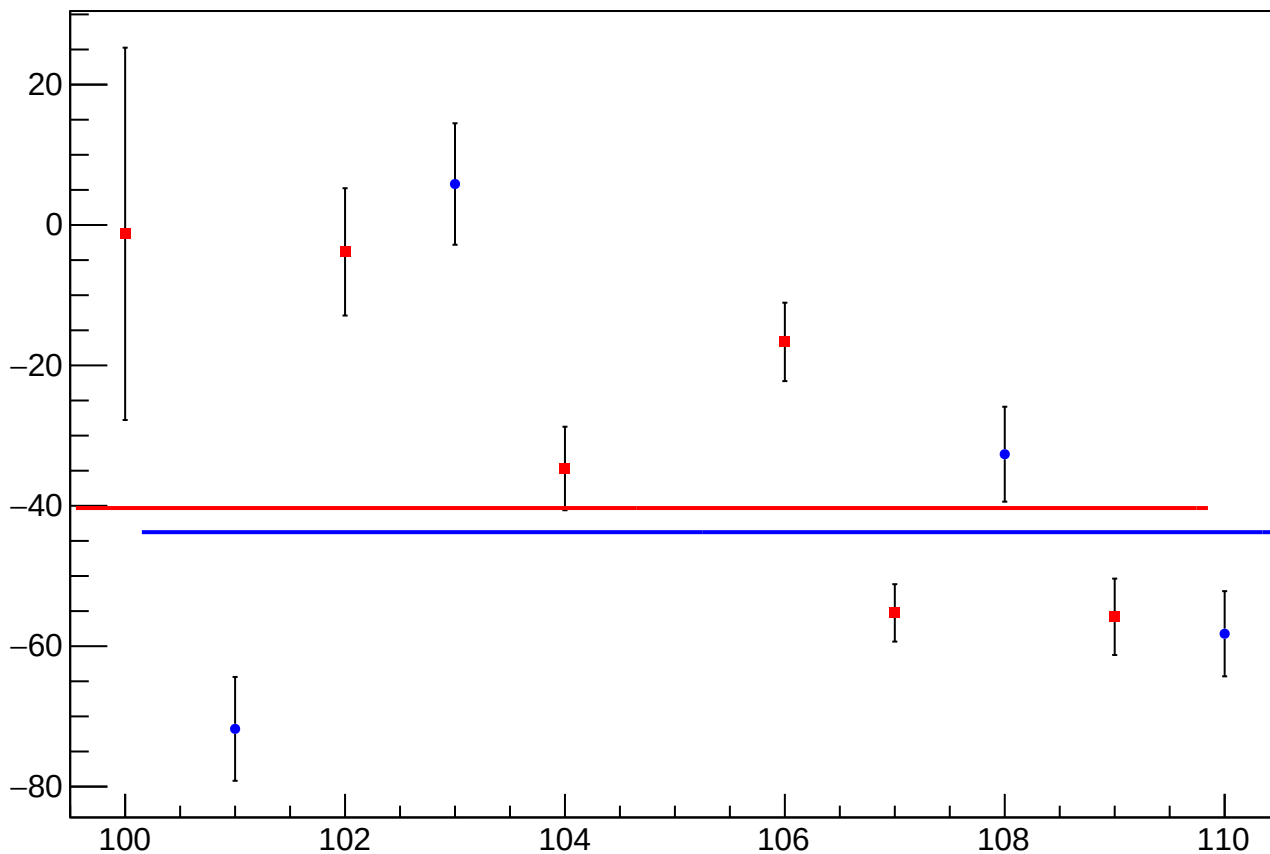
Right: -162.010 ± 1.651 χ^2/NDF : 1361.1/9

In: -188.221 ± 2.728 χ^2/NDF : 386.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -162.010 ± 1.651 χ^2/NDF : 1361.1/9

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -43.757 $\pm$ 3.521 χ^2 /NDF: 55.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.319 $\pm$ 2.443 χ^2 /NDF: 58.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

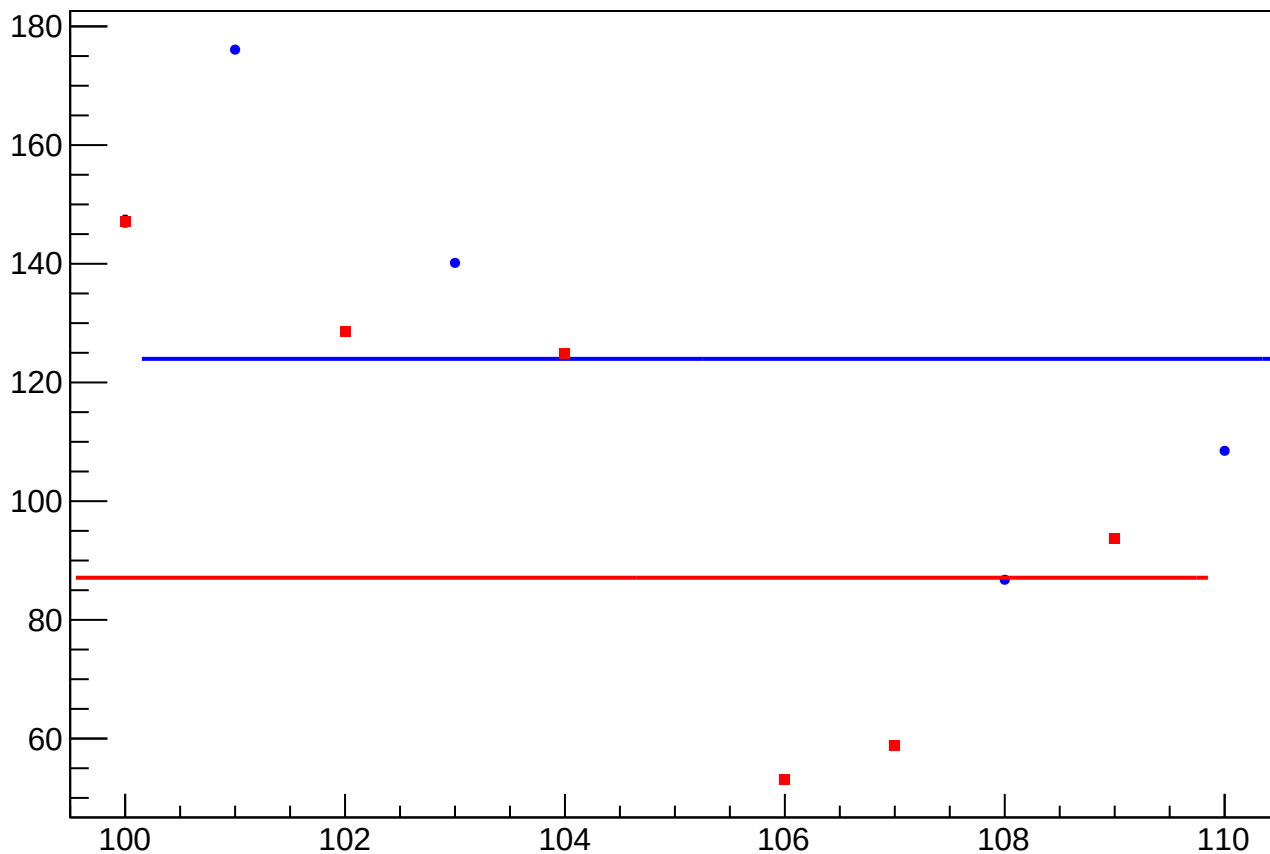
Right: -41.436 $\pm$ 2.007 χ^2 /NDF: 114.9/9

In: -43.757 $\pm$ 3.521 χ^2 /NDF:55.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -41.436 $\pm$ 2.007 χ^2 /NDF: 114.9/9

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 123.980+/-0.139 χ^2/NDF : 56721.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.100+/-0.100 χ^2/NDF : 111754.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

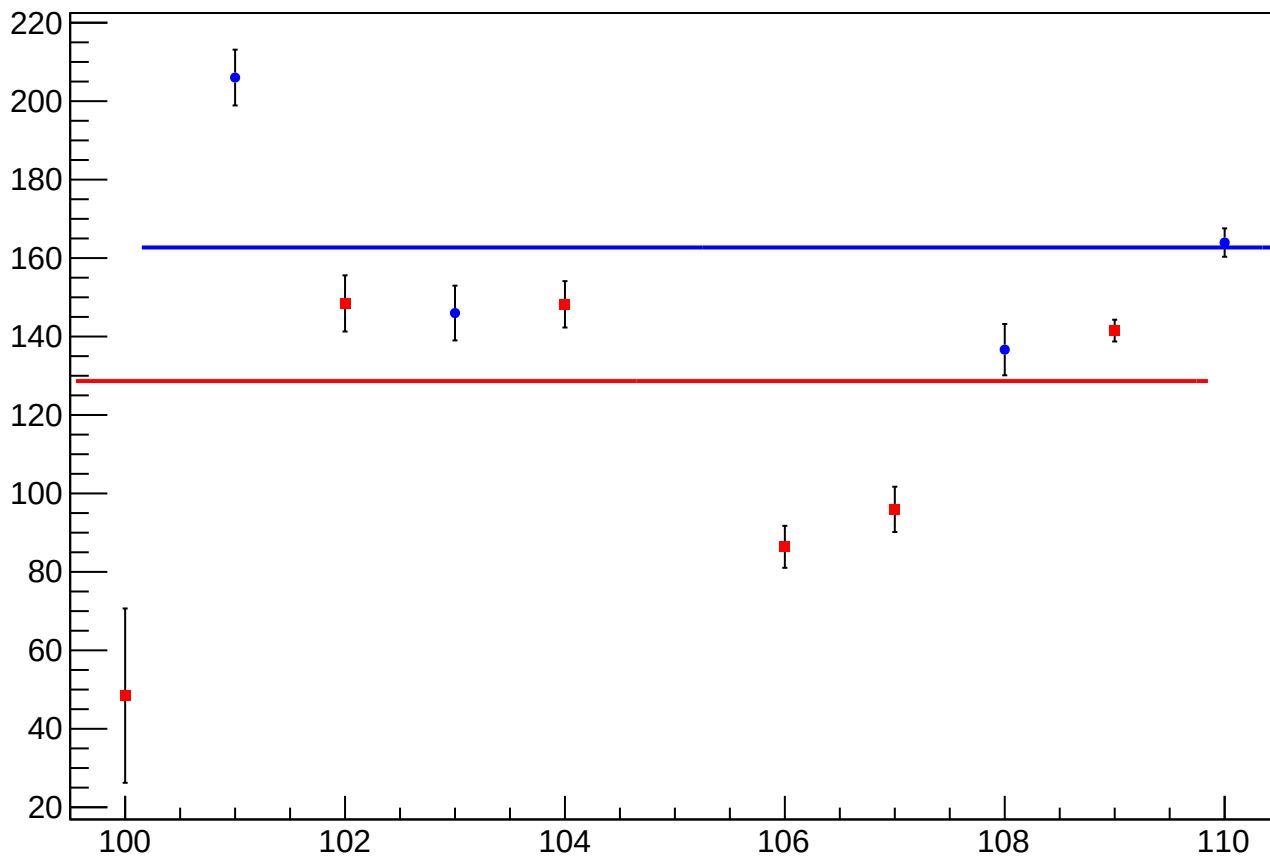
Right: 99.694+/-0.081 χ^2/NDF : 214803.1/9

In: 123.980+/-0.139 χ^2/NDF : 56721.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.694+/-0.081 χ^2/NDF : 214803.1/9

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 162.704 $\pm$ 2.671 χ^2 /NDF: 58.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 128.647 $\pm$ 2.020 χ^2 /NDF: 147.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

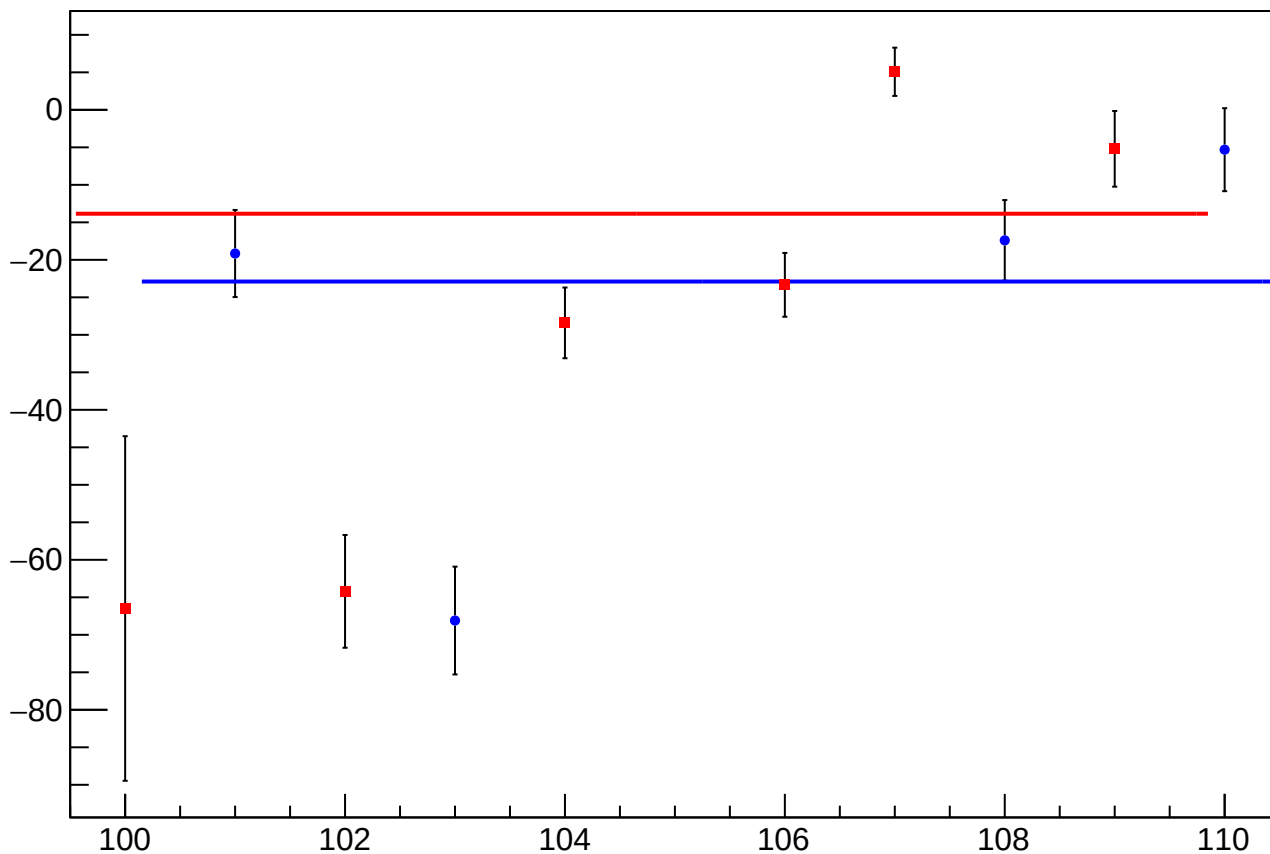
Right: 141.037 $\pm$ 1.611 χ^2 /NDF: 309.9/9

In: 162.704 $\pm$ 2.671 χ^2 /NDF:58.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 141.037 $\pm$ 1.611 χ^2 /NDF: 309.9/9

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -22.894 $\pm$ 2.932 χ^2 /NDF: 51.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.851 $\pm$ 1.977 χ^2 /NDF: 102.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

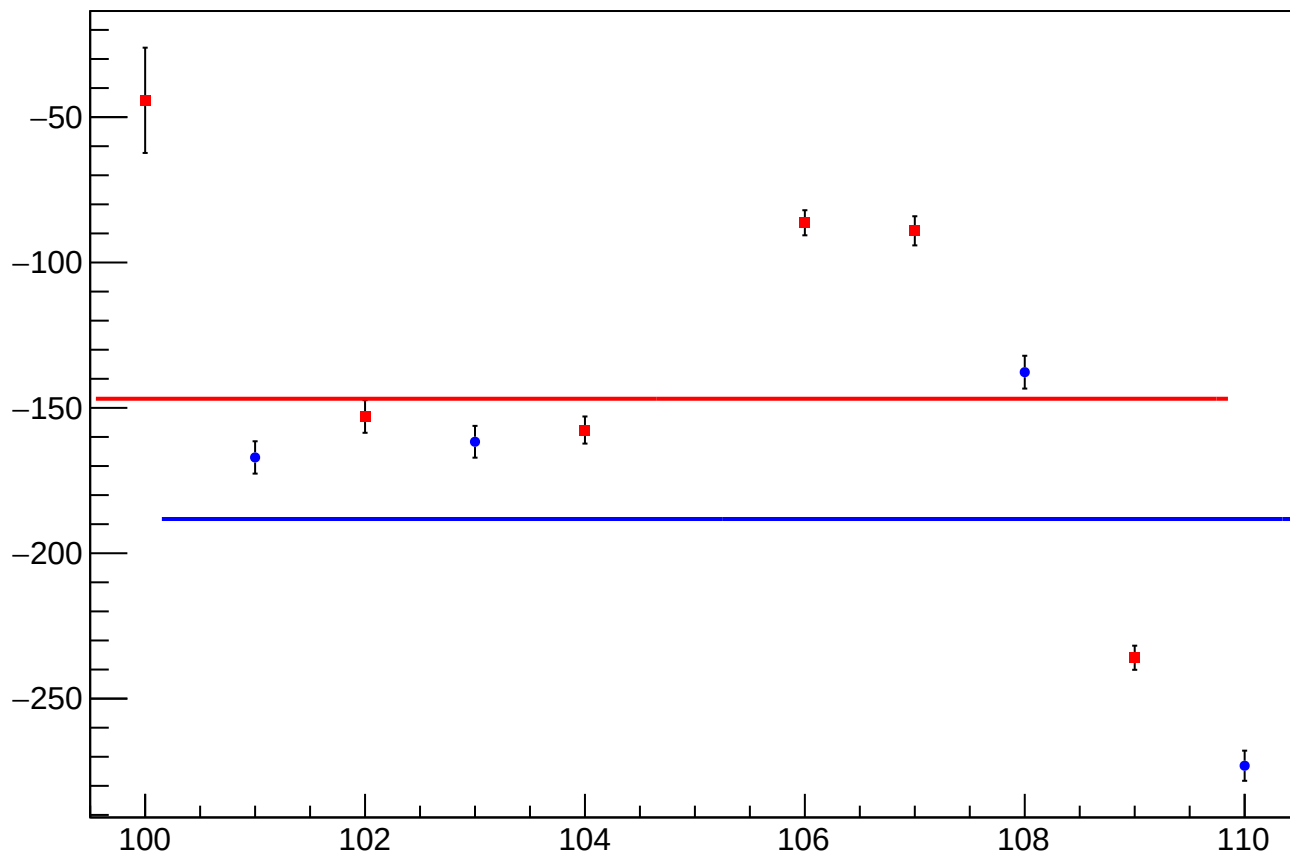
Right: -16.677 $\pm$ 1.639 χ^2 /NDF: 159.8/9

In: -22.894 $\pm$ 2.932 χ^2 /NDF:51.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.677 $\pm$ 1.639 χ^2 /NDF: 159.8/9

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -188.221 ± 2.728 χ^2/NDF : 386.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -146.859 ± 2.074 χ^2/NDF : 829.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

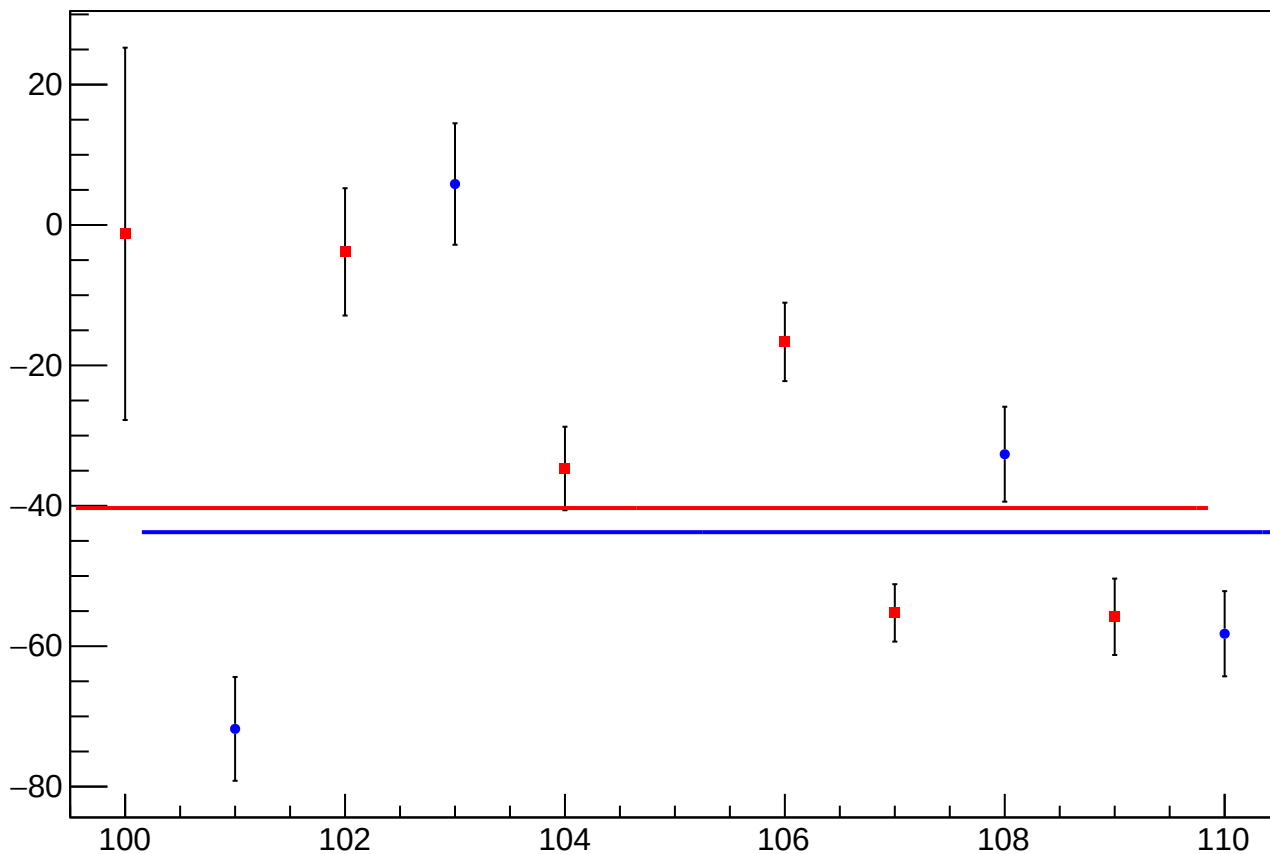
Right: -162.010 ± 1.651 χ^2/NDF : 1361.1/9

In: -188.221 ± 2.728 χ^2/NDF : 386.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -162.010 ± 1.651 χ^2/NDF : 1361.1/9

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -43.757 ± 3.521 $\chi^2/\text{NDF}: 55.6/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -40.319 ± 2.443 $\chi^2/\text{NDF}: 58.7/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

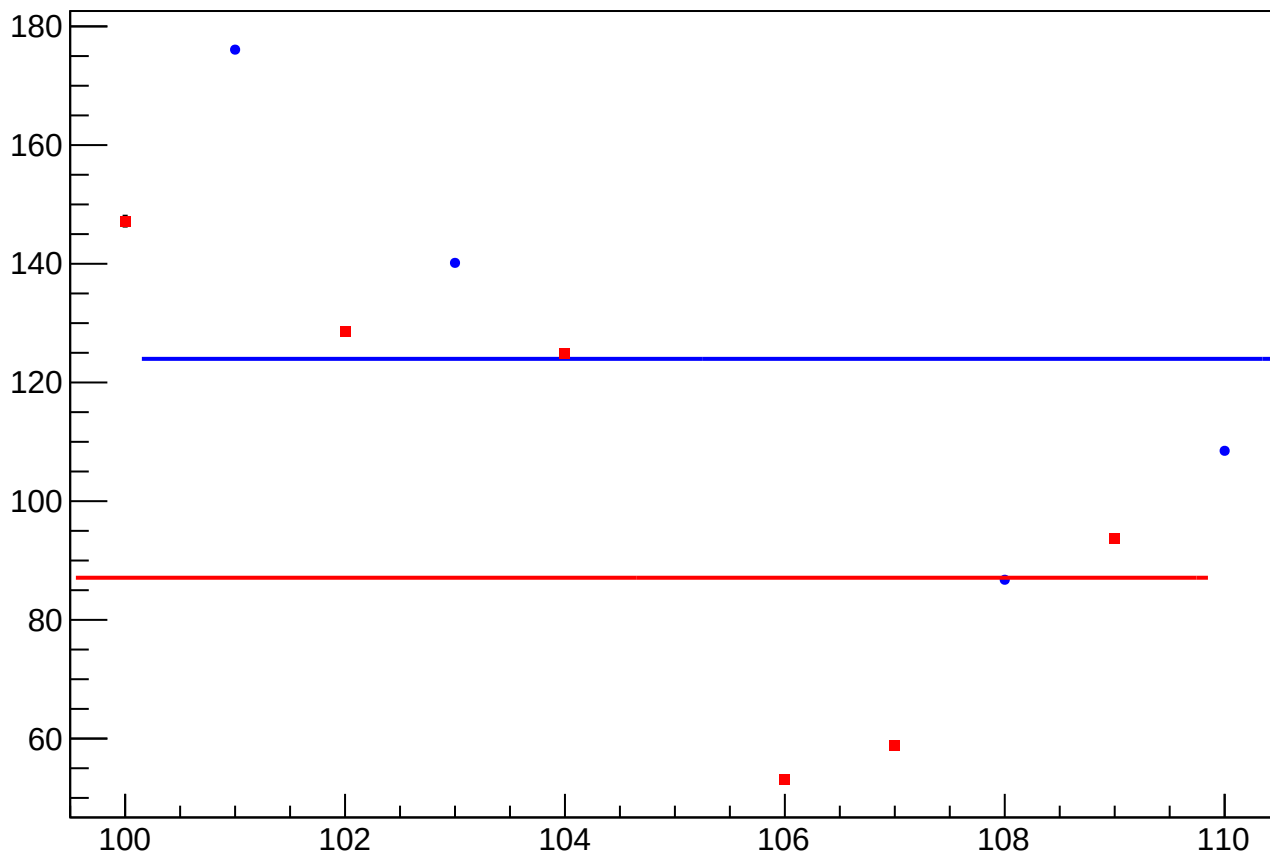
Right: -41.436 ± 2.007 $\chi^2/\text{NDF}: 114.9/9$

In: -43.757 ± 3.521 $\chi^2/\text{NDF}: 55.6/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -41.436 ± 2.007 $\chi^2/\text{NDF}: 114.9/9$

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 123.980+/-0.139 χ^2/NDF : 56721.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.100+/-0.100 χ^2/NDF : 111754.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

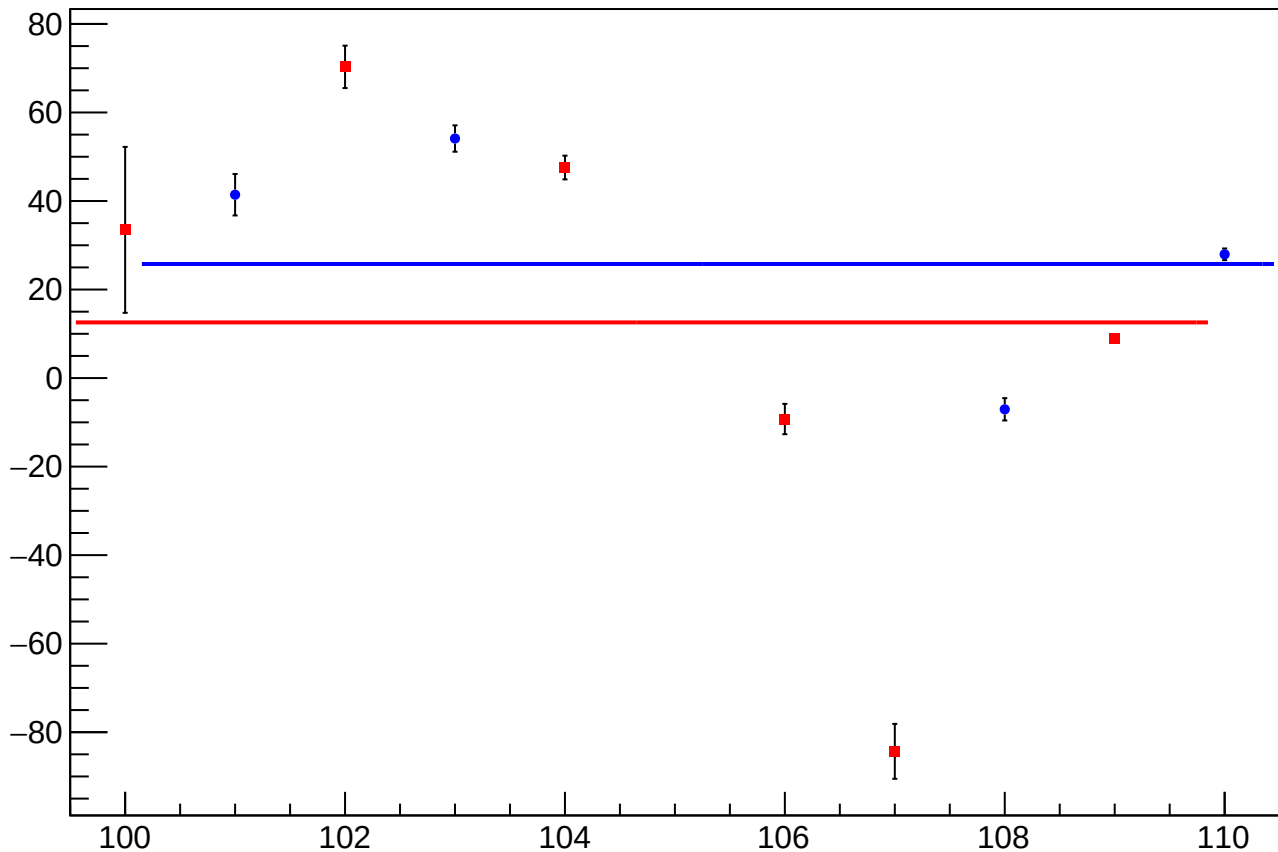
Right: 99.694+/-0.081 χ^2/NDF : 214803.1/9

In: 123.980+/-0.139 χ^2/NDF : 56721.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.694+/-0.081 χ^2/NDF : 214803.1/9

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 25.773+/-1.059 χ^2 /NDF: 273.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 12.575+/-0.932 χ^2 /NDF: 612.4/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

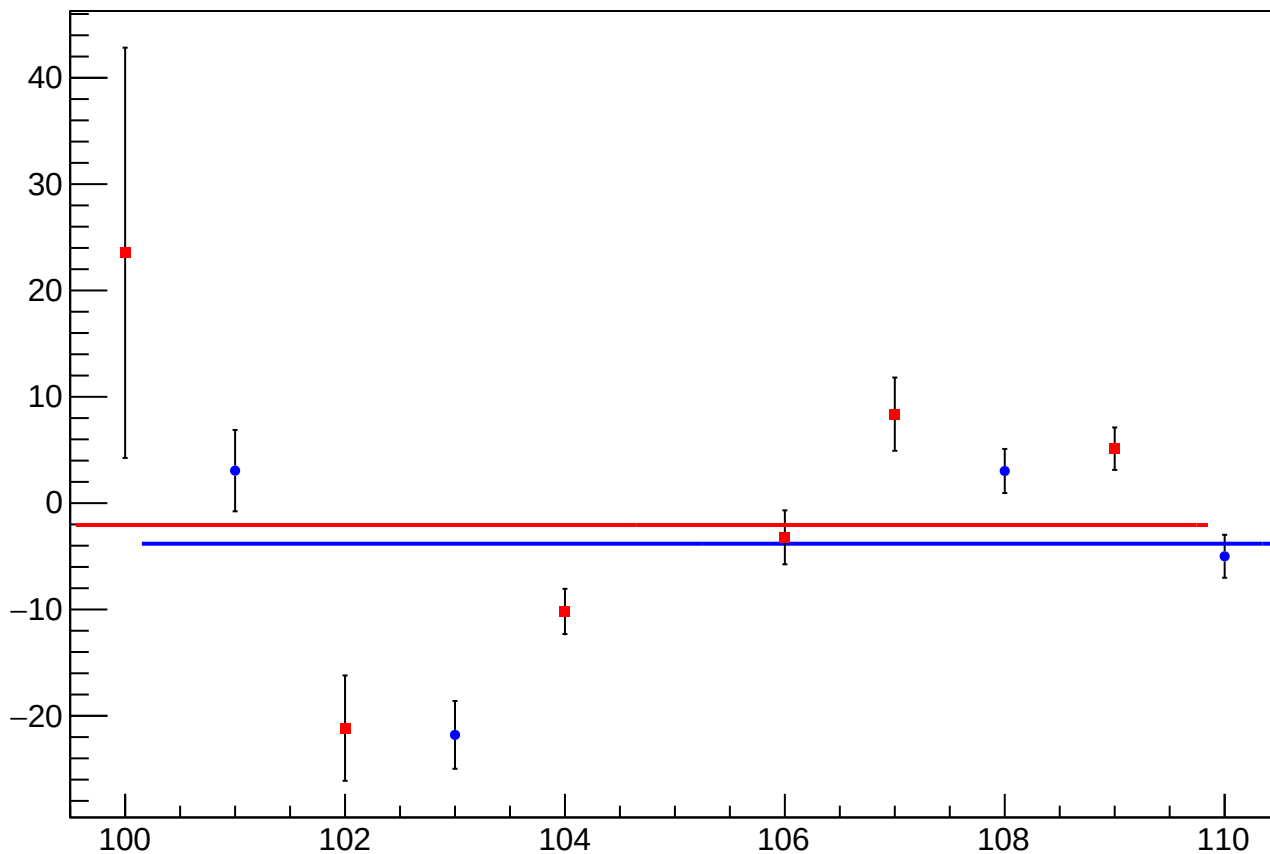
Right: 18.334+/-0.700 χ^2 /NDF: 973.7/9

In: 25.773+/-1.059 χ^2 /NDF:273.9/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 18.334+/-0.700 χ^2 /NDF: 973.7/9

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.813+/-1.246 χ^2/NDF : 46.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.056+/-1.151 χ^2/NDF : 53.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

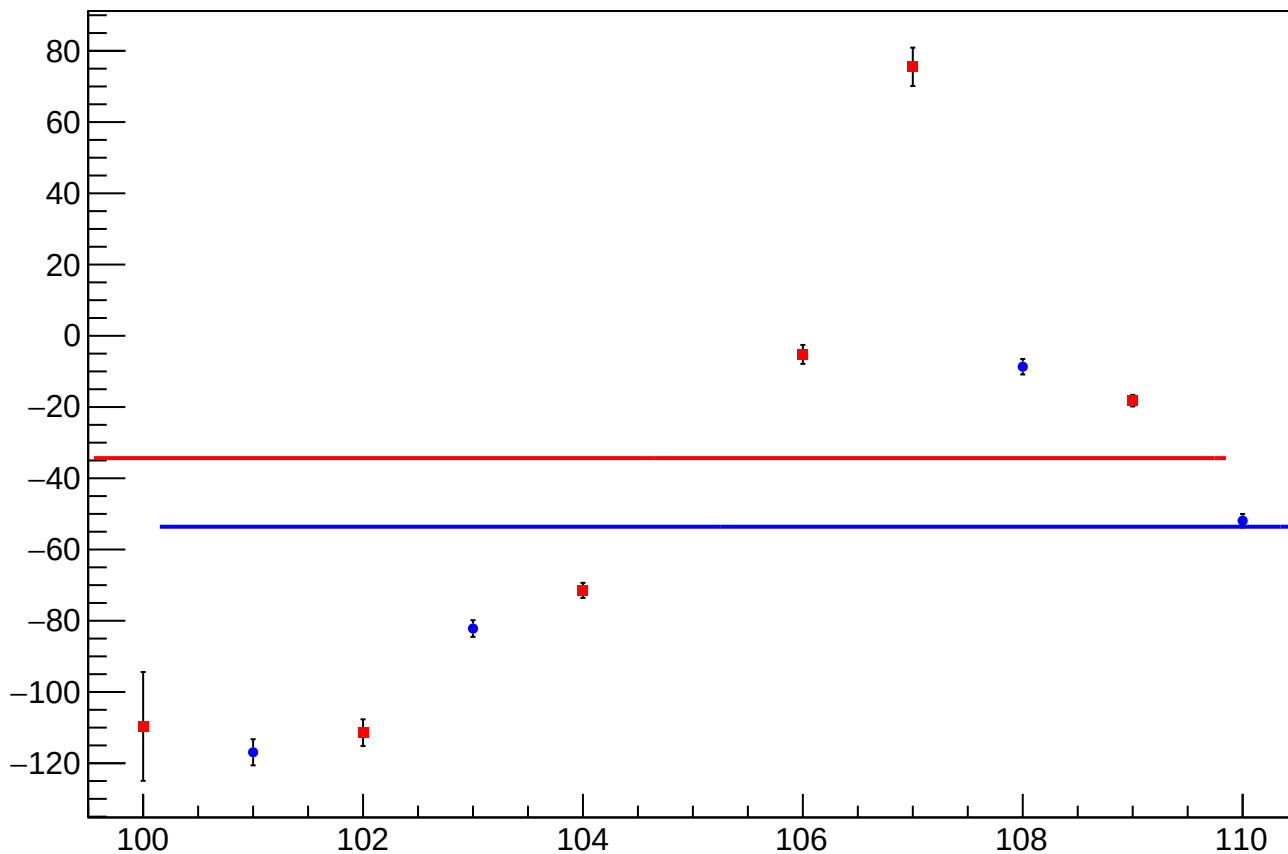
Right: -2.866+/-0.845 χ^2/NDF : 100.9/9

In: -3.813+/-1.246 χ^2/NDF : 46.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.866+/-0.845 χ^2/NDF : 100.9/9

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -53.596 $\pm$ 1.156 χ^2 /NDF: 874.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -34.340 $\pm$ 1.079 χ^2 /NDF: 1390.1/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

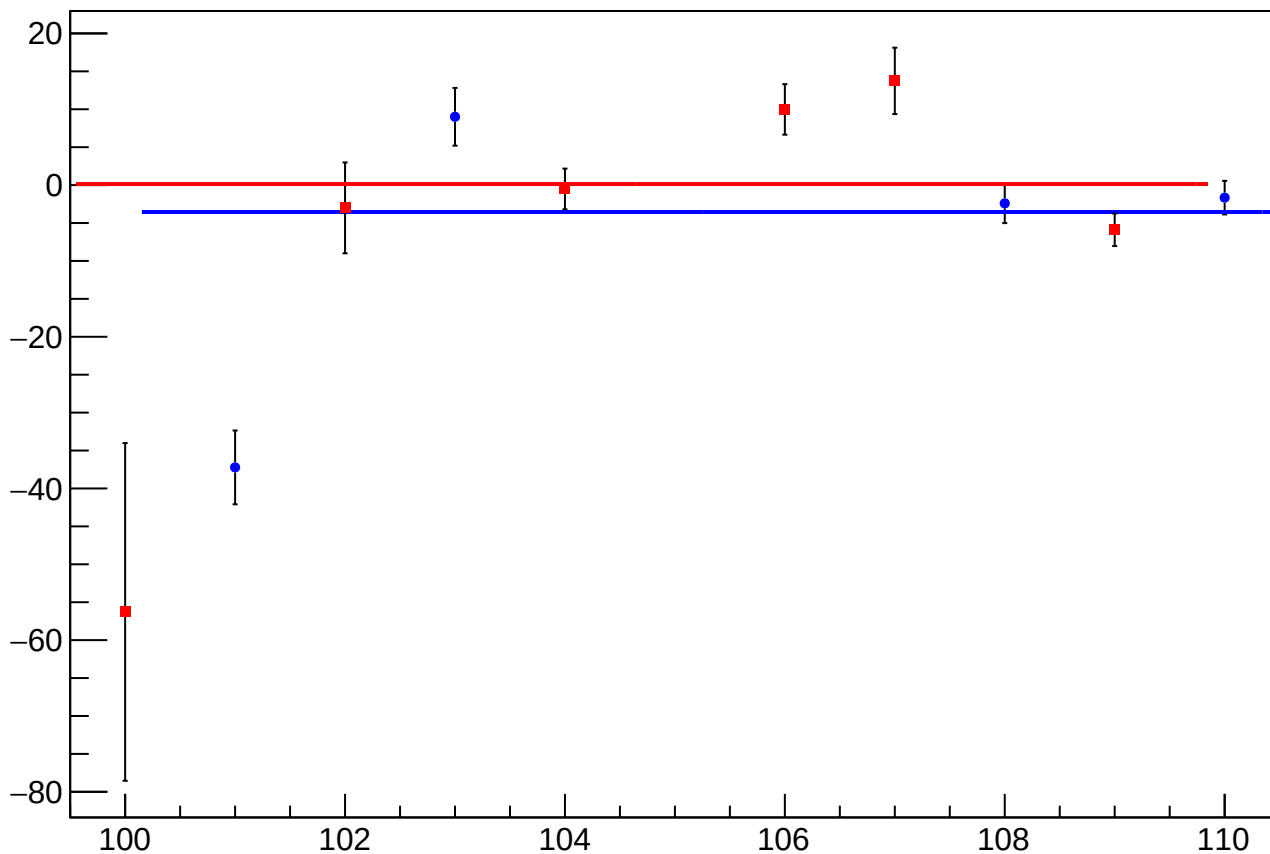
Right: -43.309 $\pm$ 0.789 χ^2 /NDF: 2412.6/9

In: -53.596 $\pm$ 1.156 χ^2 /NDF:874.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.309 $\pm$ 0.789 χ^2 /NDF: 2412.6/9

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.546+/-1.471 χ^2/NDF : 59.7/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.141+/-1.377 χ^2/NDF : 33.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

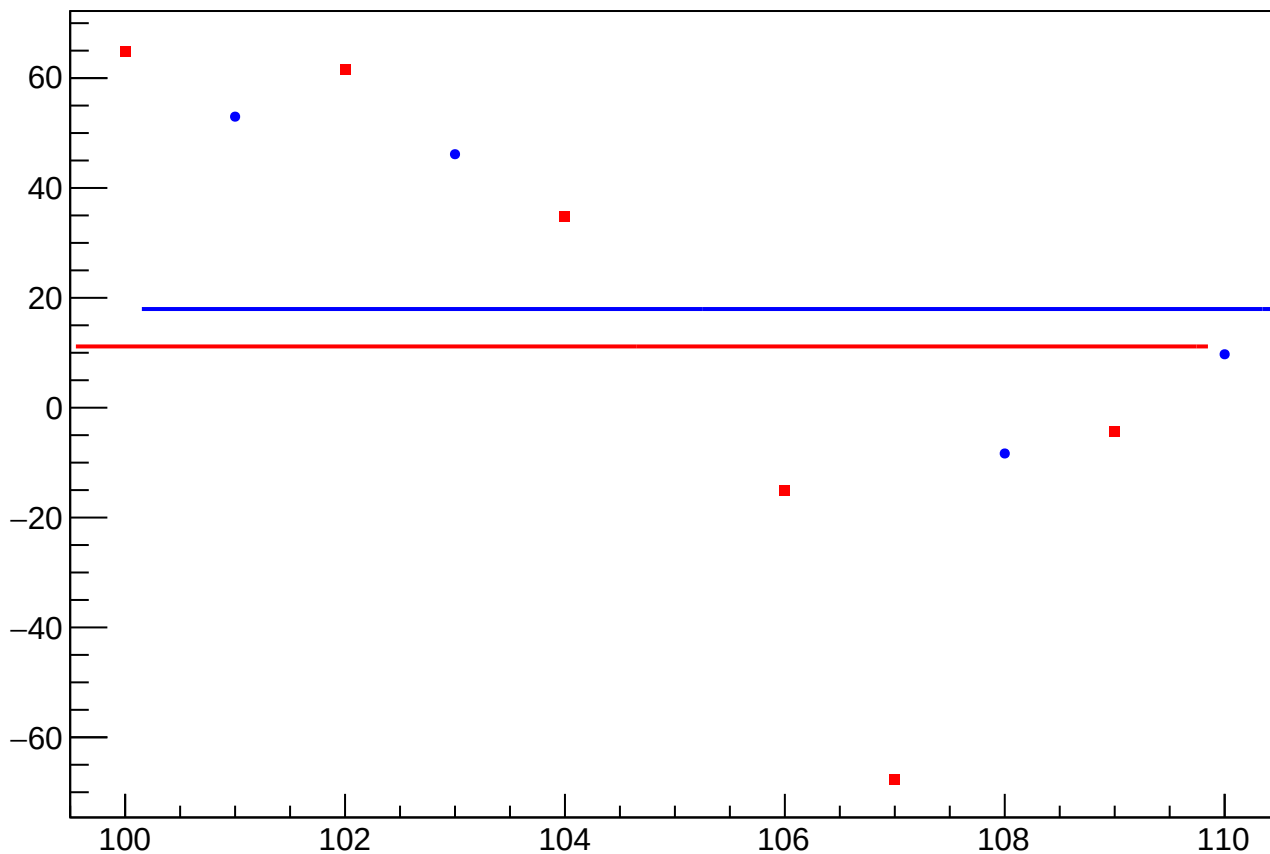
Right: -1.582+/-1.005 χ^2/NDF : 96.0/9

In: -3.546+/-1.471 χ^2/NDF :59.7/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.582+/-1.005 χ^2/NDF : 96.0/9

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 17.962 $\pm$ 0.058 χ^2 /NDF: 199391.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.151 $\pm$ 0.059 χ^2 /NDF: 341778.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

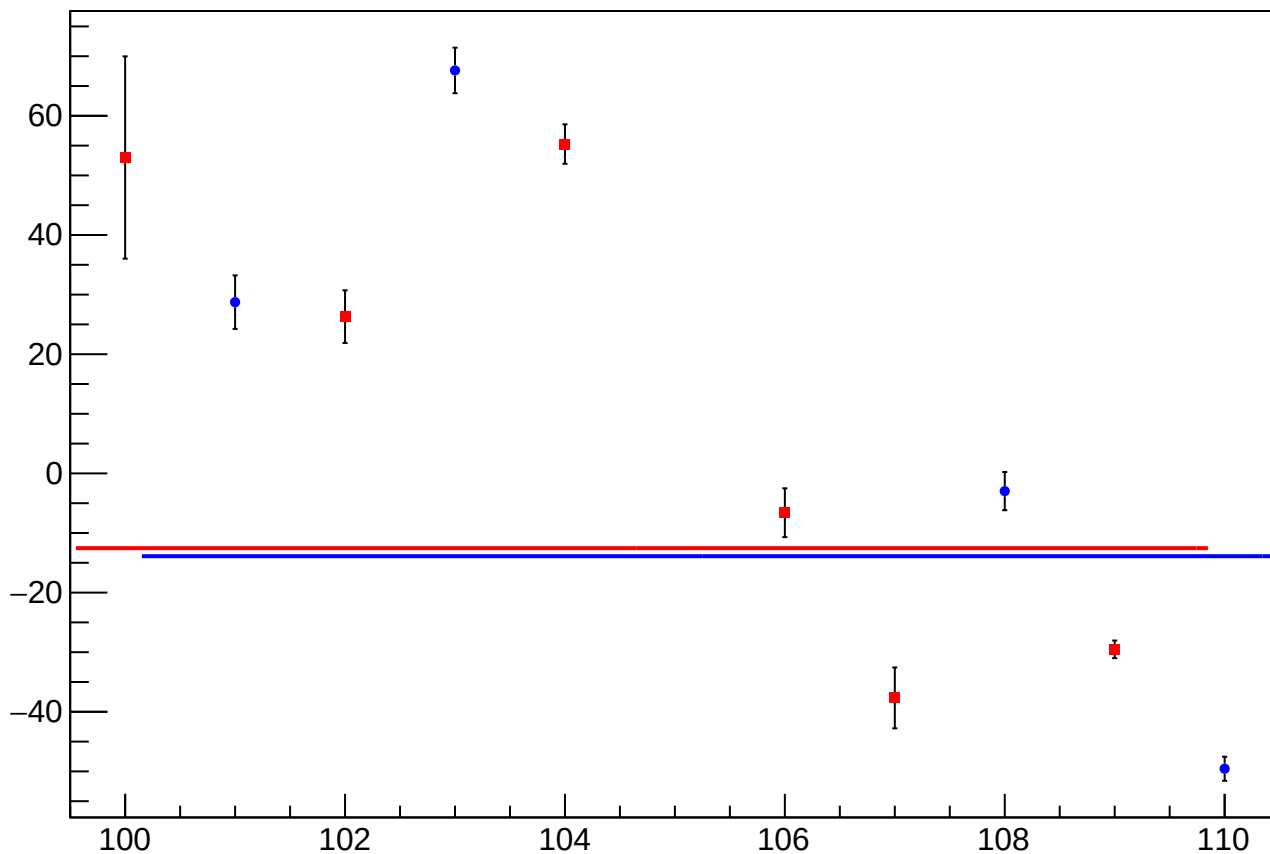
Right: 14.579 $\pm$ 0.041 χ^2 /NDF: 547921.7/9

In: 17.962 $\pm$ 0.058 χ^2 /NDF:199391.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.579 $\pm$ 0.041 χ^2 /NDF: 547921.7/9

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.893 $\pm$ 1.472 χ^2 /NDF: 869.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.541 $\pm$ 1.192 χ^2 /NDF: 670.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

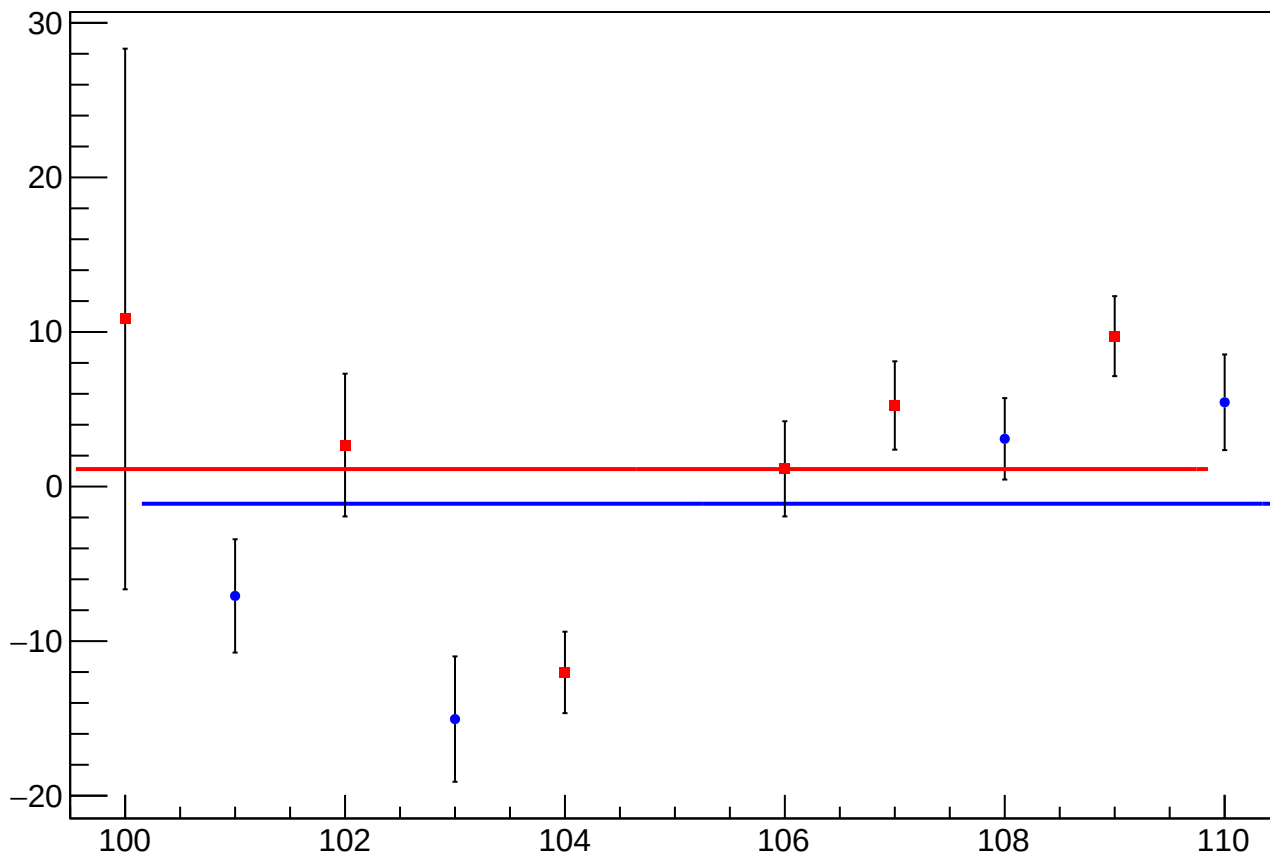
Right: -13.076 $\pm$ 0.927 χ^2 /NDF: 1540.9/9

In: -13.893 $\pm$ 1.472 χ^2 /NDF:869.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.076 $\pm$ 0.927 χ^2 /NDF: 1540.9/9

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.111+/-1.614 χ^2/NDF : 21.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.131+/-1.323 χ^2/NDF : 38.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

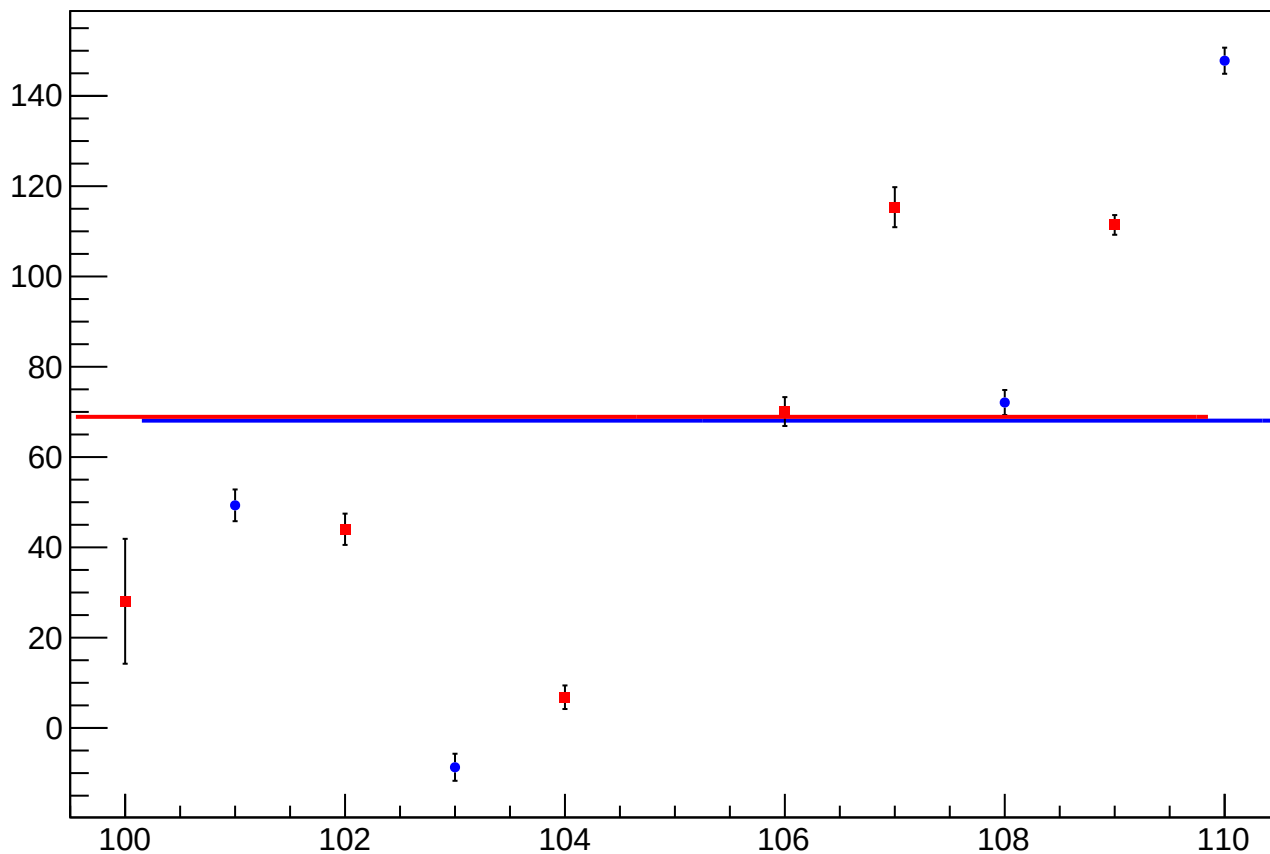
Right: 0.230+/-1.023 χ^2/NDF : 61.1/9

In: -1.111+/-1.614 χ^2/NDF : 21.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.230+/-1.023 χ^2/NDF : 61.1/9

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.071+/-1.503 χ^2/NDF : 1447.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.912+/-1.298 χ^2/NDF : 1115.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

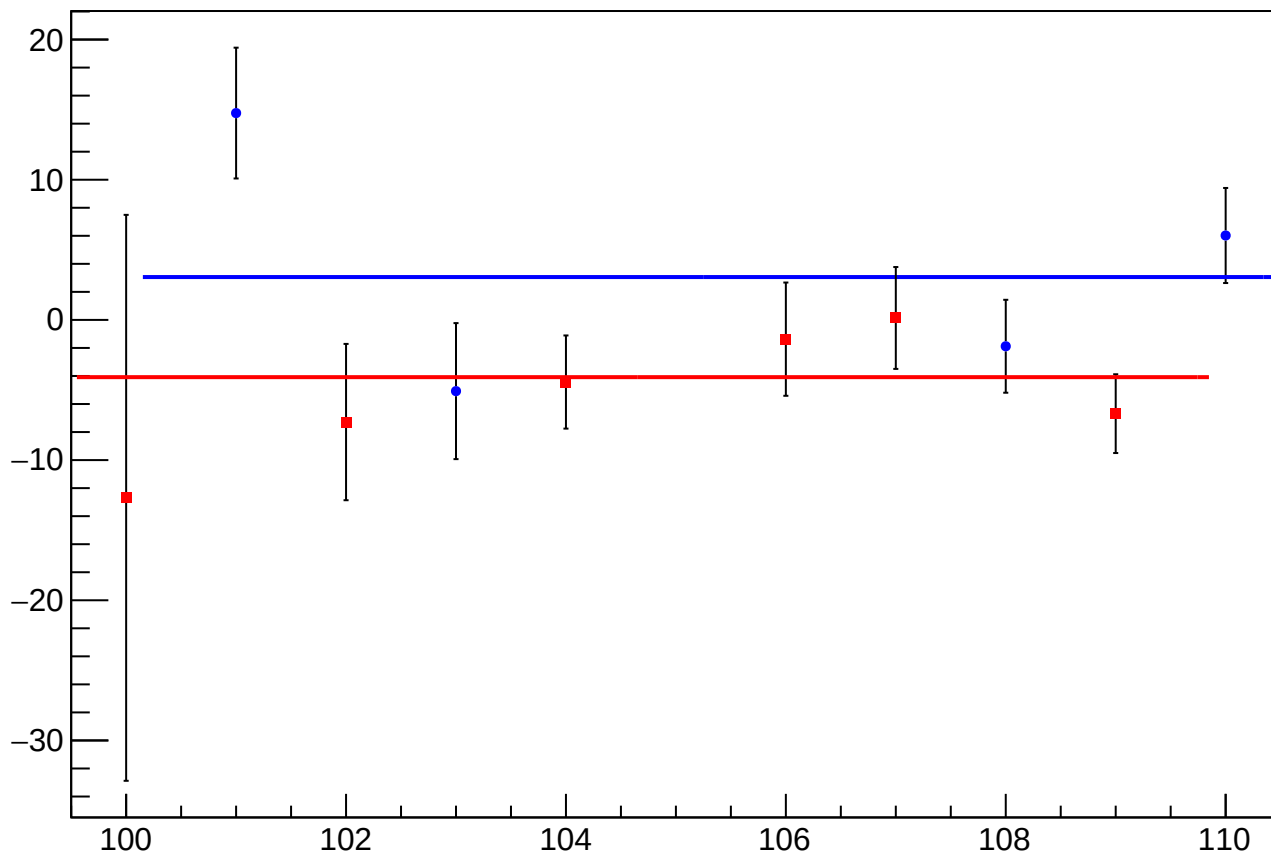
Right: 68.553+/-0.982 χ^2/NDF : 2563.6/9

In: 68.071+/-1.503 χ^2/NDF : 1447.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.553+/-0.982 χ^2/NDF : 2563.6/9

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.057+/-1.937 χ^2/NDF : 12.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.083+/-1.604 χ^2/NDF : 3.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

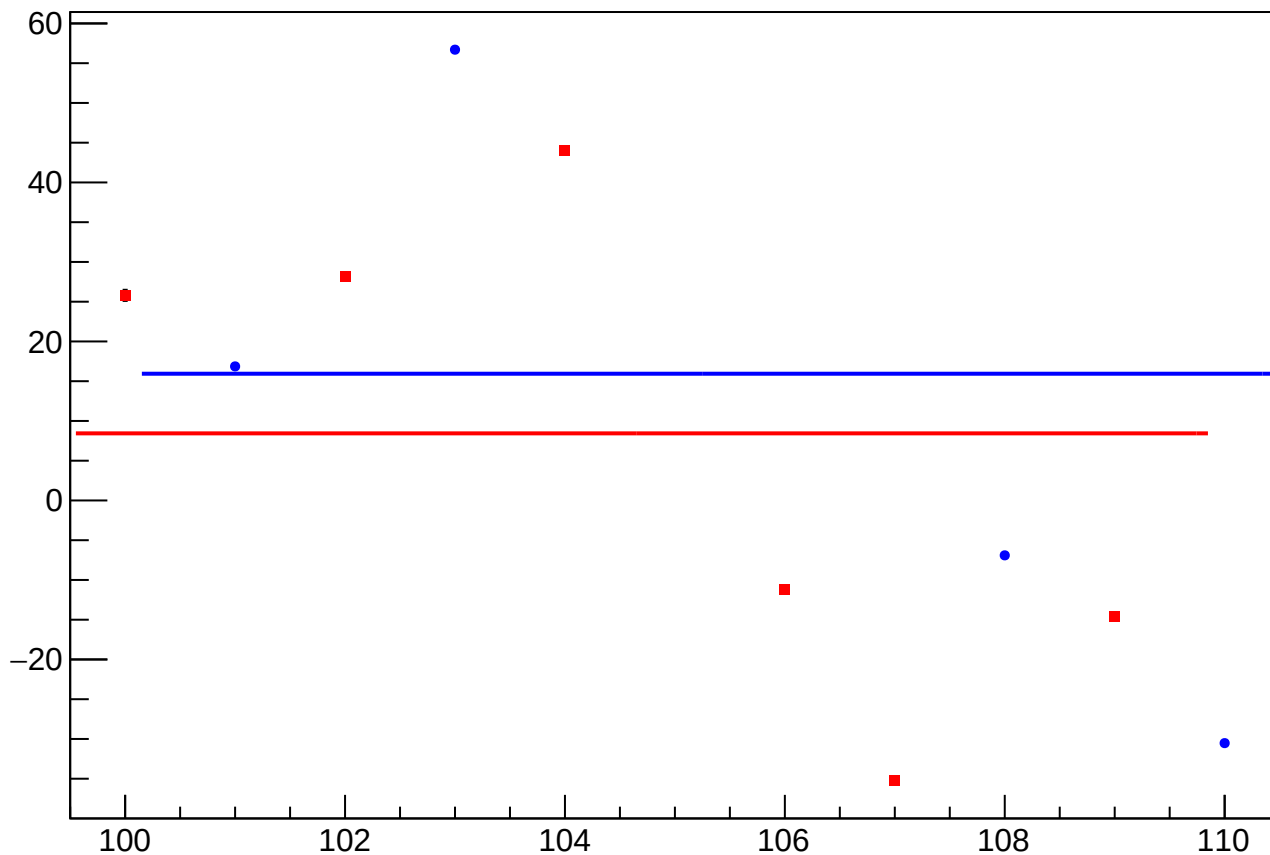
Right: -1.180+/-1.235 χ^2/NDF : 23.3/9

In: 3.057+/-1.937 χ^2/NDF : 12.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.180+/-1.235 χ^2/NDF : 23.3/9

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.940+/-0.074 χ^2/NDF : 183231.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.439+/-0.067 χ^2/NDF : 194741.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

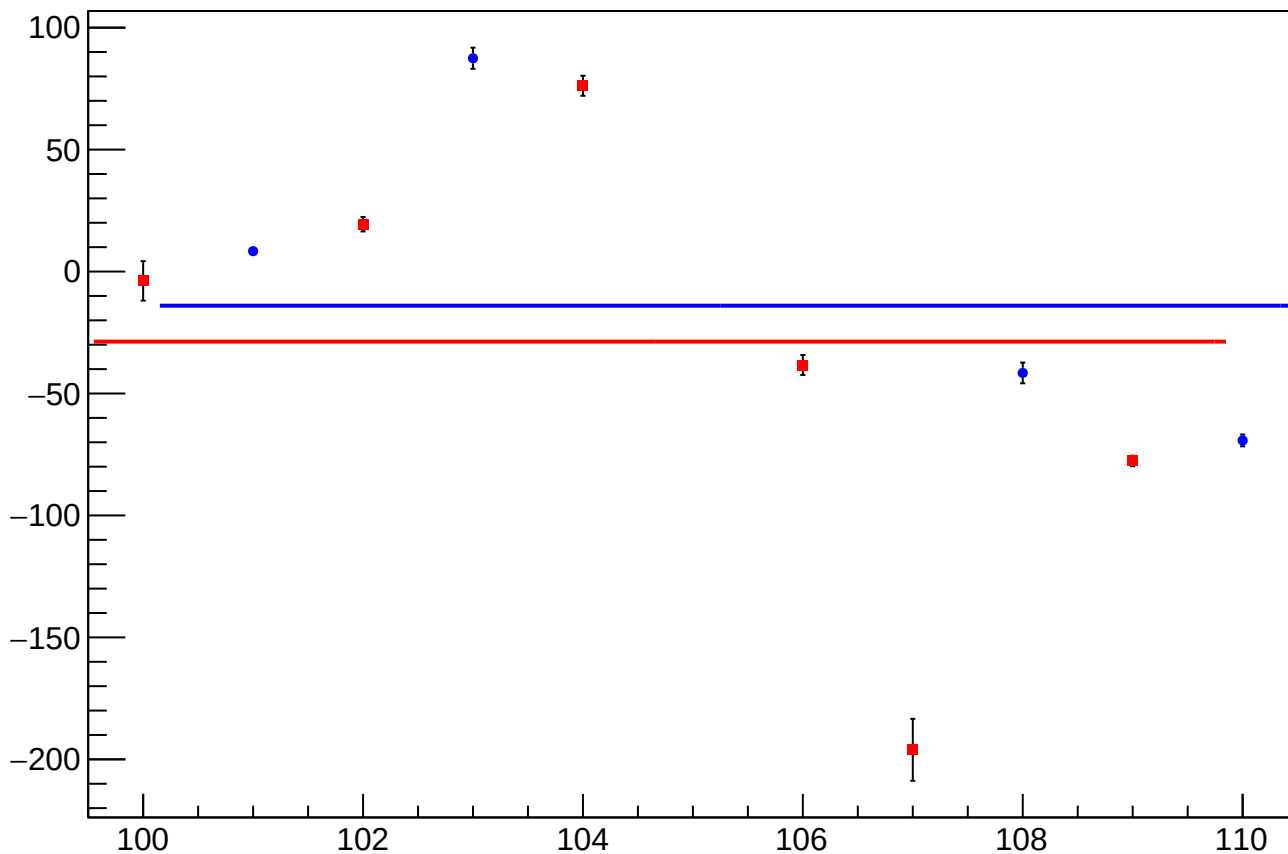
Right: 11.803+/-0.050 χ^2/NDF : 383621.8/9

In: 15.940+/-0.074 χ^2/NDF : 183231.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.803+/-0.050 χ^2/NDF : 383621.8/9

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.994+/-1.378 χ^2/NDF : 1230.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.717+/-1.461 χ^2/NDF : 1617.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

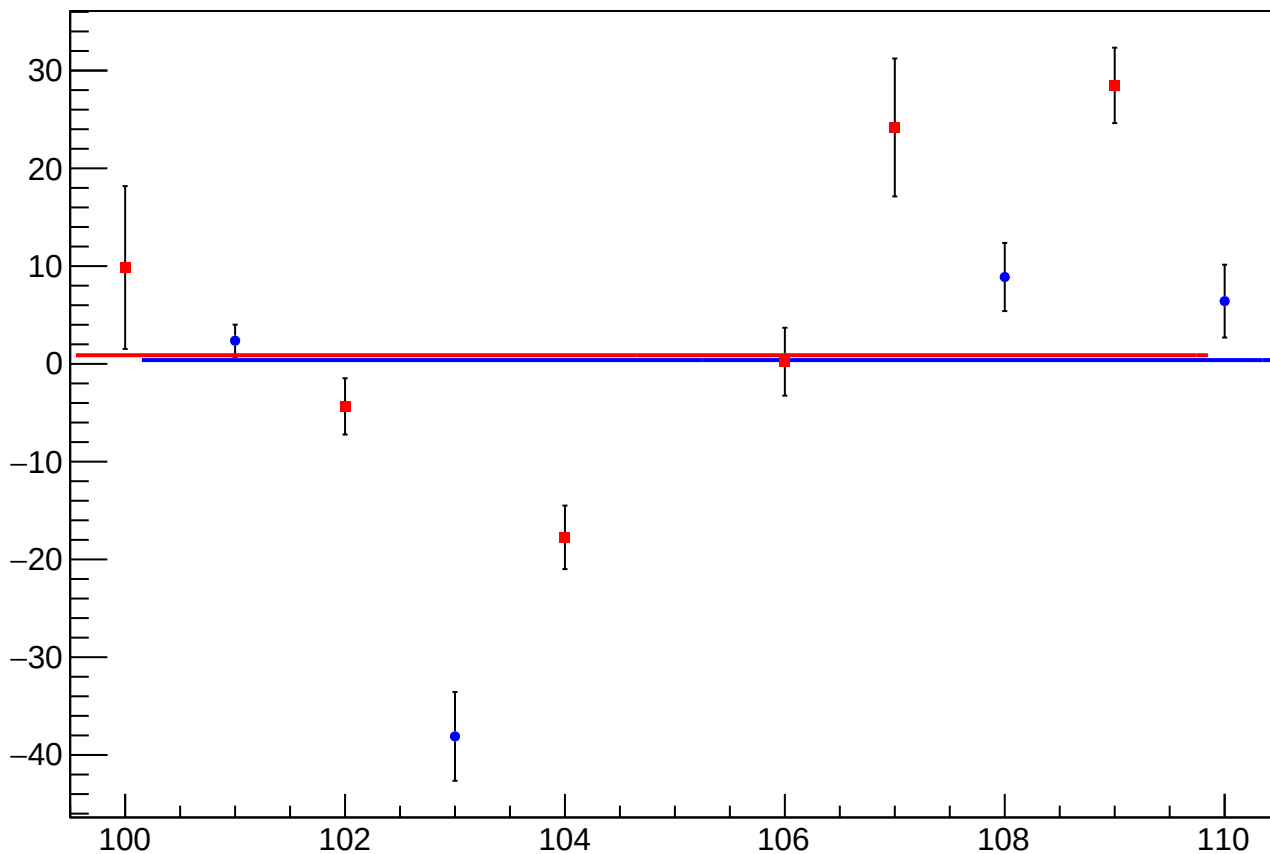
Right: -20.926+/-1.002 χ^2/NDF : 2901.9/9

In: -13.994+/-1.378 χ^2/NDF : 1230.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.926+/-1.002 χ^2/NDF : 2901.9/9

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.387+/-1.321 χ^2/NDF : 81.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.885+/-1.581 χ^2/NDF : 99.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

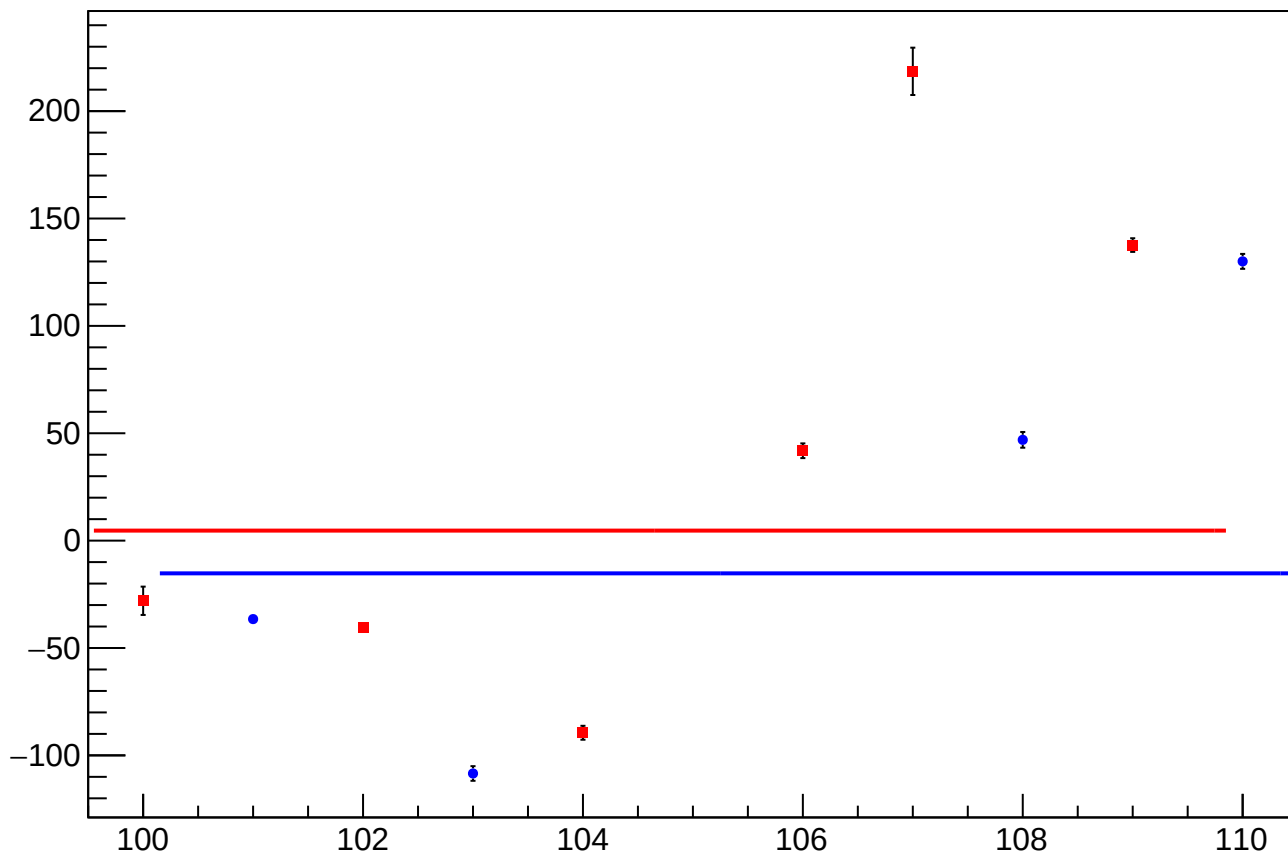
Right: 0.592+/-1.014 χ^2/NDF : 181.4/9

In: 0.387+/-1.321 χ^2/NDF : 81.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.592+/-1.014 χ^2/NDF : 181.4/9

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -15.238+/-1.242 χ^2/NDF : 2965.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.669+/-1.418 χ^2/NDF : 3492.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

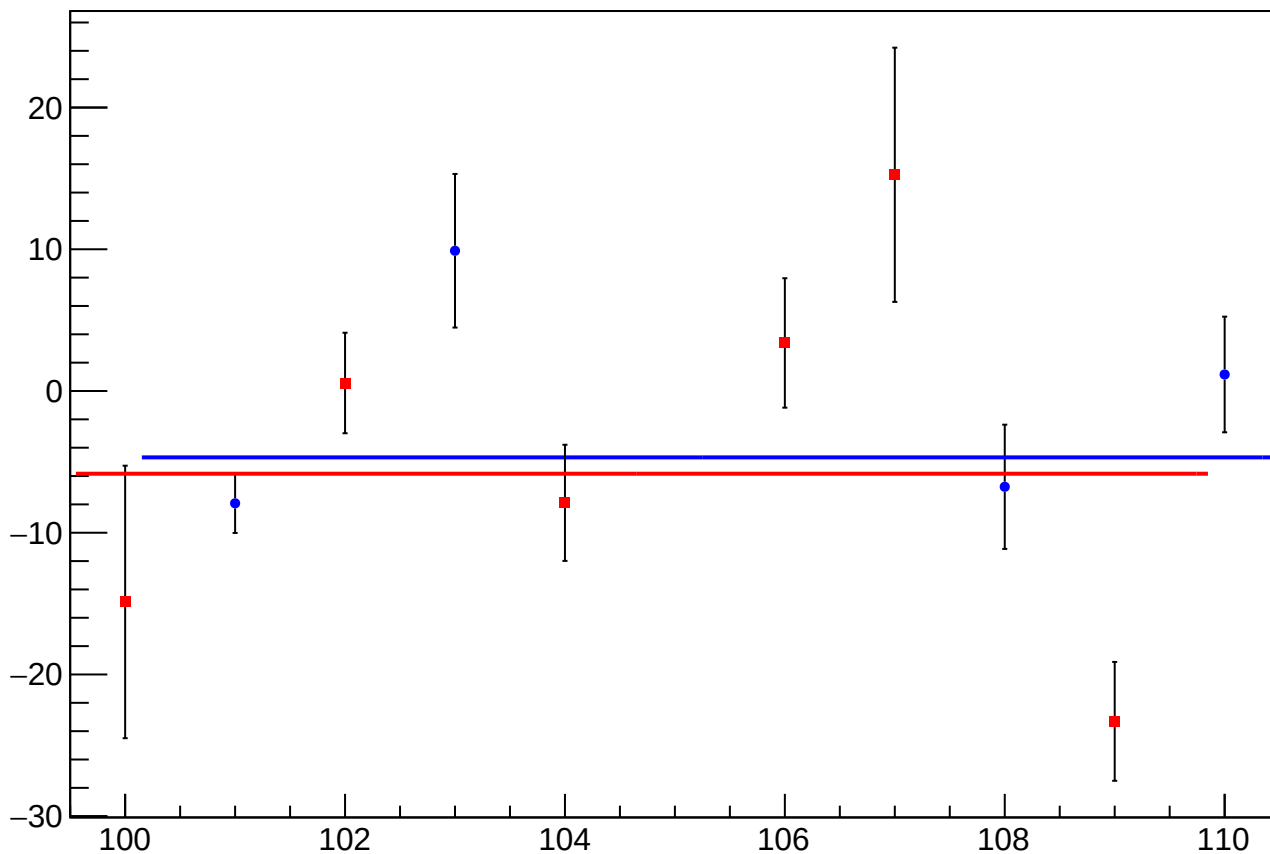
Right: -6.597+/-0.934 χ^2/NDF : 6569.7/9

In: -15.238+/-1.242 χ^2/NDF : 2965.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.597+/-0.934 χ^2/NDF : 6569.7/9

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.683+/-1.634 χ^2 /NDF: 11.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.835+/-1.935 χ^2 /NDF: 31.4/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

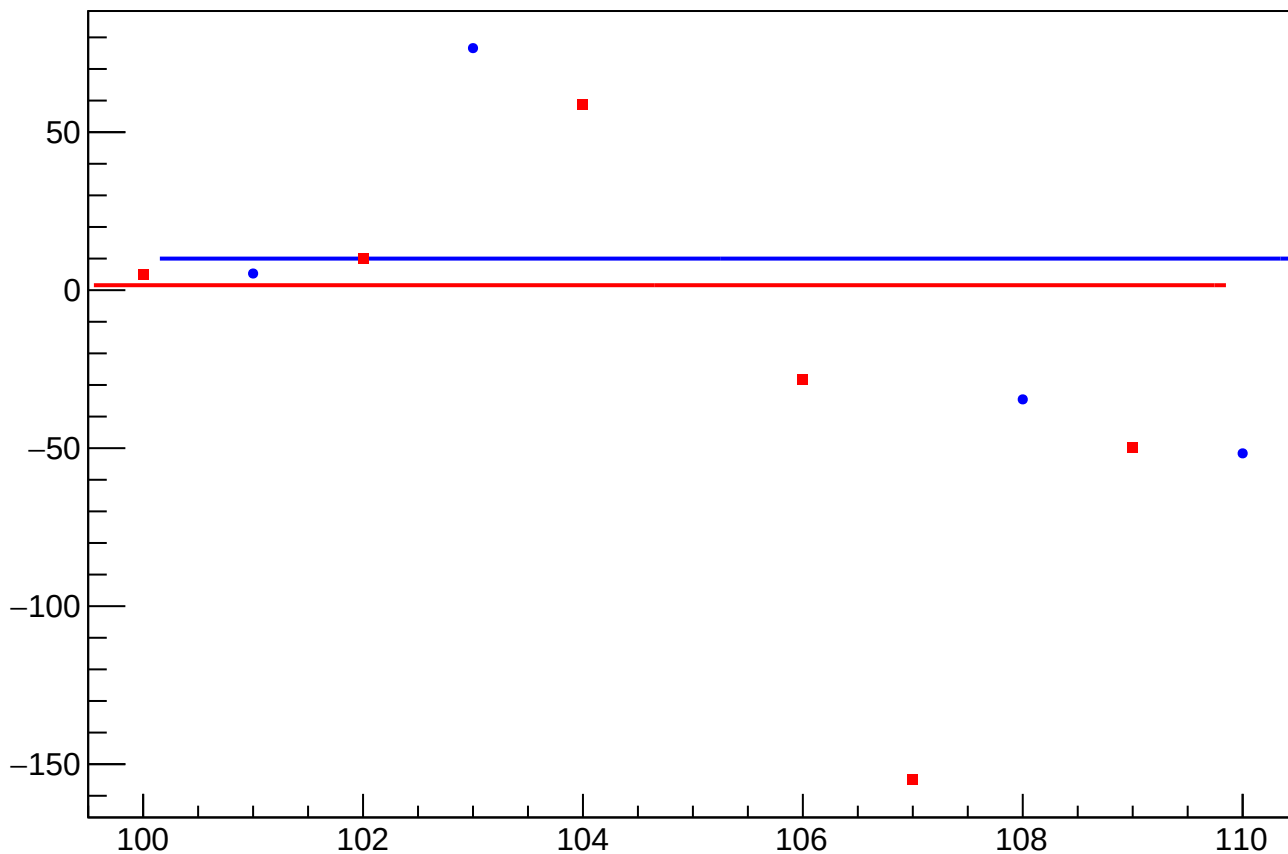
Right: -5.163+/-1.248 χ^2 /NDF: 43.5/9

In: -4.683+/-1.634 χ^2 /NDF:11.9/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.163+/-1.248 χ^2 /NDF: 43.5/9

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 9.992+/-0.067 χ^2/NDF : 355582.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.570+/-0.069 χ^2/NDF : 355661.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

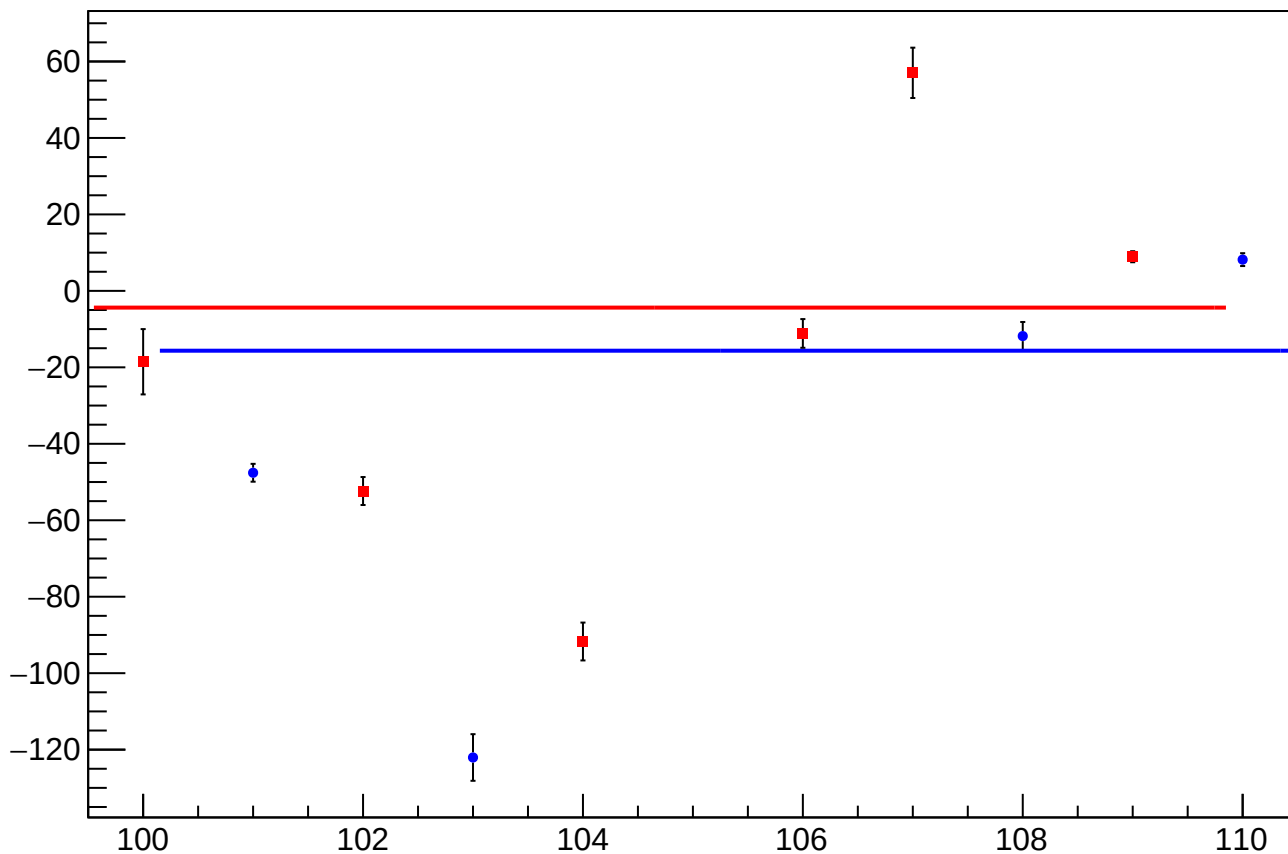
Right: 5.879+/-0.048 χ^2/NDF : 718886.3/9

In: 9.992+/-0.067 χ^2/NDF : 355582.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.879+/-0.048 χ^2/NDF : 718886.3/9

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.650+/-1.252 χ^2/NDF : 693.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.376+/-1.191 χ^2/NDF : 661.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

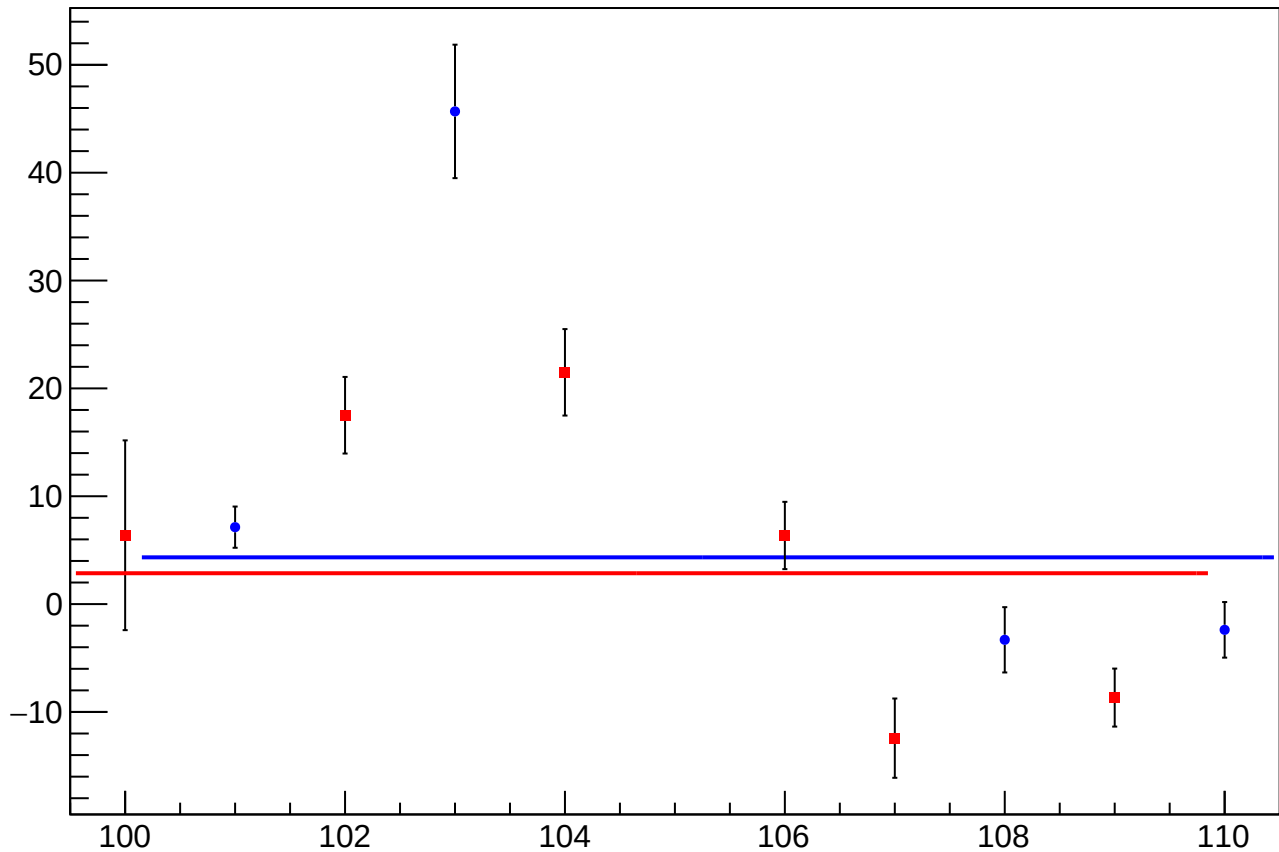
Right: -9.735+/-0.863 χ^2/NDF : 1397.4/9

In: -15.650+/-1.252 χ^2/NDF : 693.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.735+/-0.863 χ^2/NDF : 1397.4/9

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.335+/-1.337 χ^2/NDF : 60.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.861+/-1.459 χ^2/NDF : 75.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

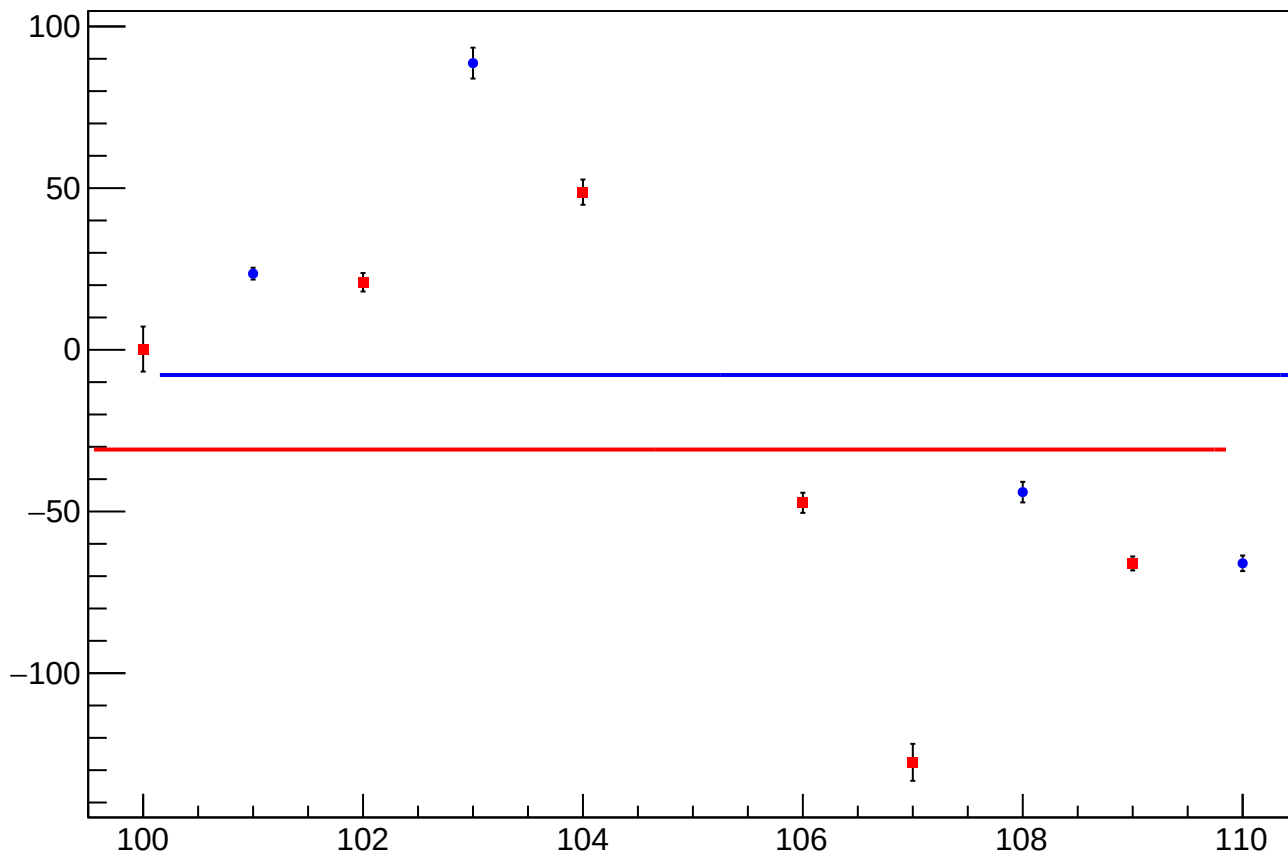
Right: 3.663+/-0.986 χ^2/NDF : 136.3/9

In: 4.335+/-1.337 χ^2/NDF : 60.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.663+/-0.986 χ^2/NDF : 136.3/9

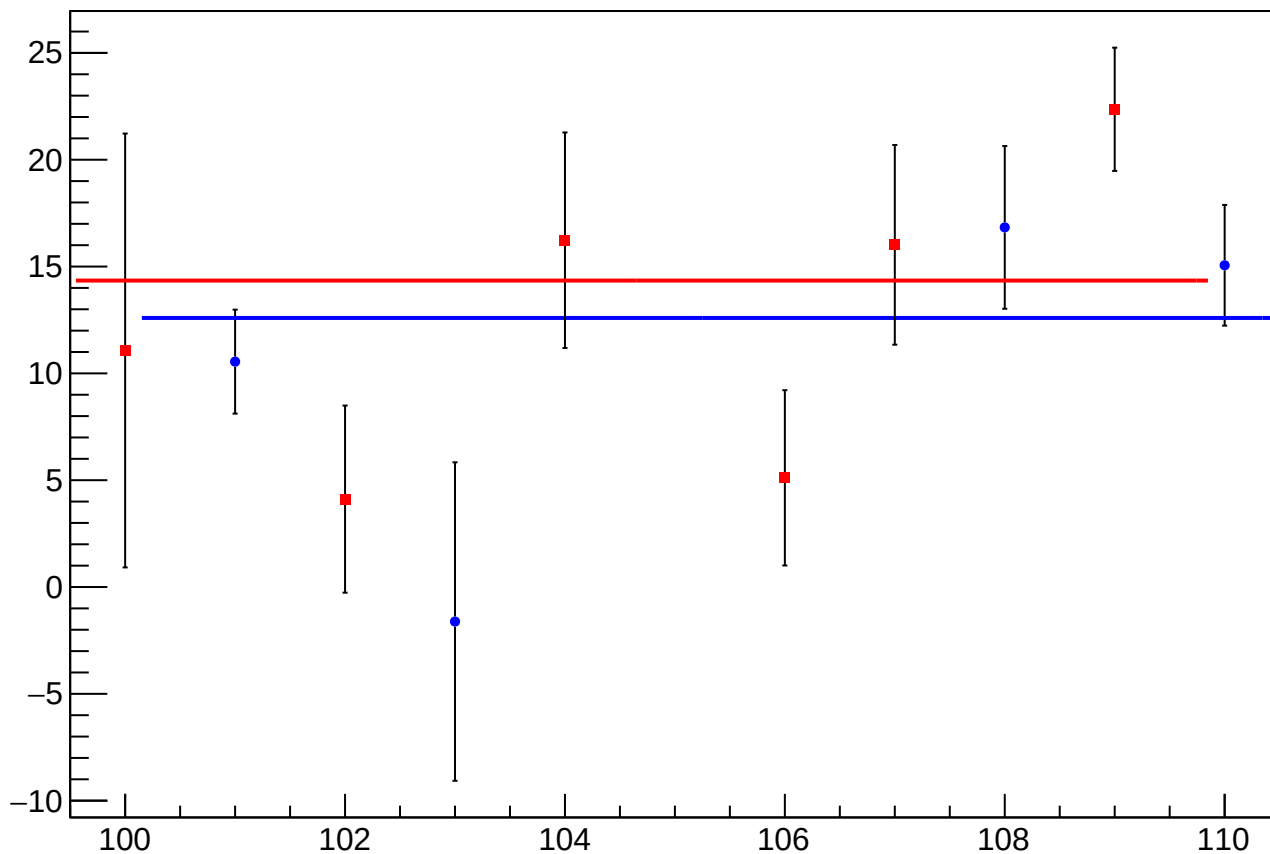
reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -7.789+/-1.276 χ^2/NDF : 1416.2/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -30.842+/-1.342 χ^2/NDF : 1340.7/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -18.730+/-0.925 χ^2/NDF : 2911.9/9
 In: -7.789+/-1.276 χ^2/NDF : 1416.2/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -18.730+/-0.925 χ^2/NDF : 2911.9/9

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.594 $\pm$ 1.620 χ^2 /NDF: 6.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.345 $\pm$ 1.750 χ^2 /NDF: 18.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

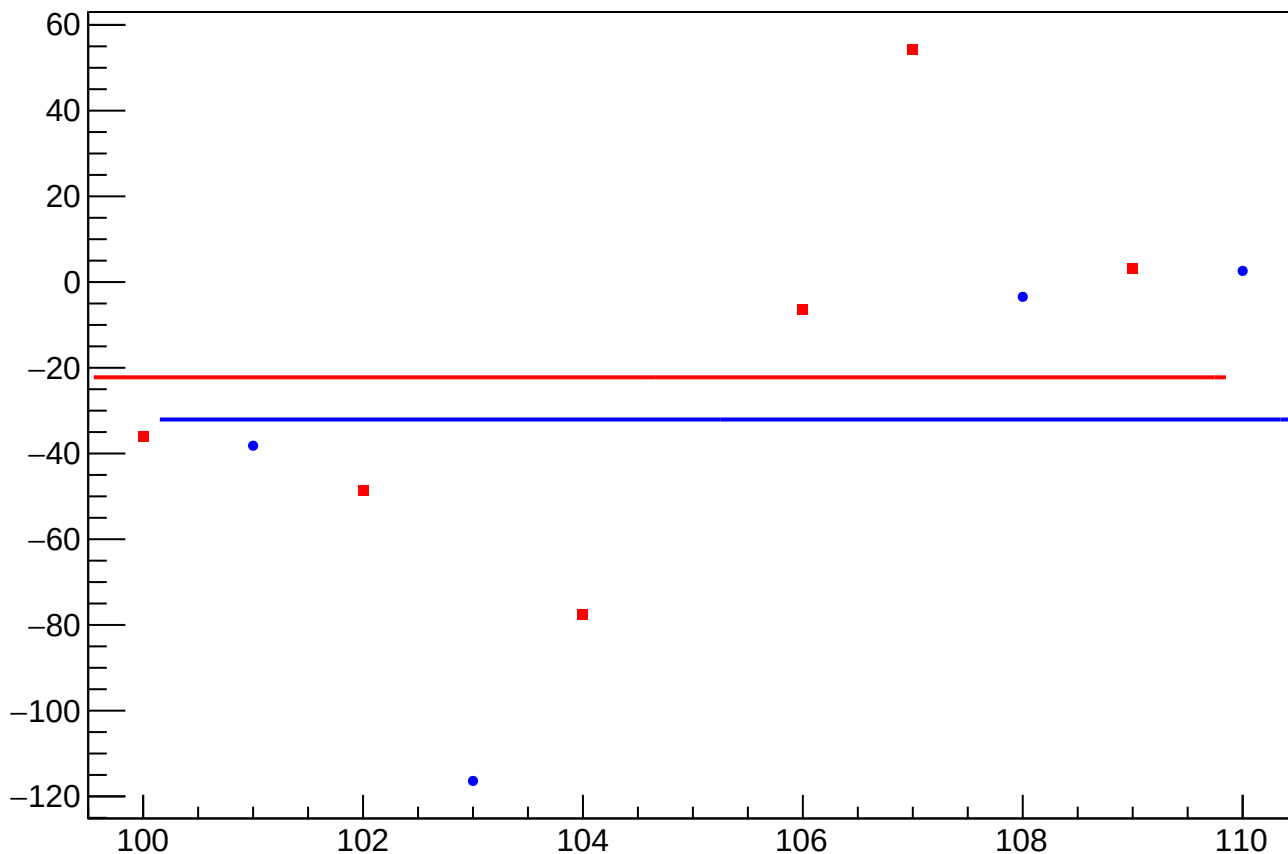
Right: 13.402 $\pm$ 1.189 χ^2 /NDF: 25.5/9

In: 12.594 $\pm$ 1.620 χ^2 /NDF: 6.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.402 $\pm$ 1.189 χ^2 /NDF: 25.5/9

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -32.068 $\pm$ 0.072 χ^2 /NDF: 254907.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.223 $\pm$ 0.070 χ^2 /NDF: 275555.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

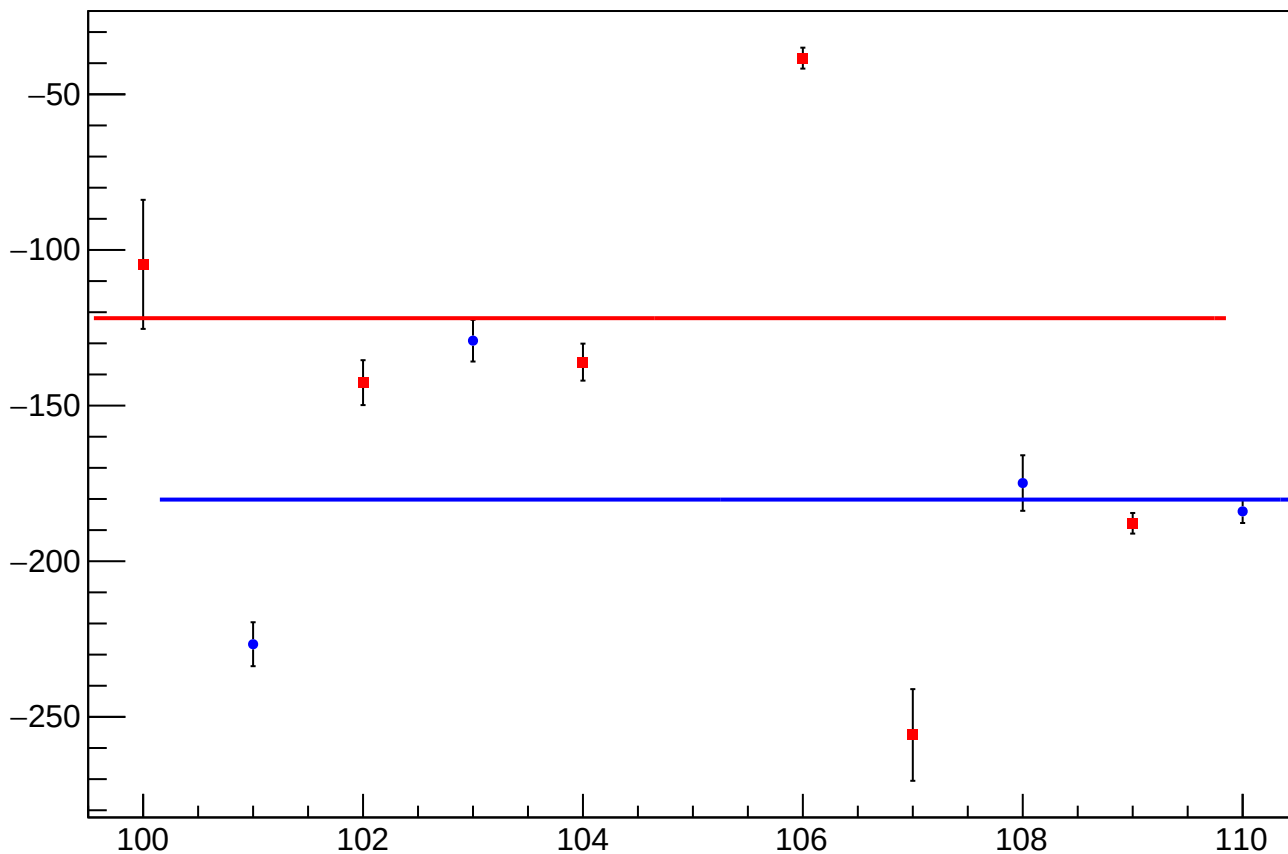
Right: -27.012 $\pm$ 0.050 χ^2 /NDF: 540081.1/9

In: -32.068 $\pm$ 0.072 χ^2 /NDF:254907.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.012 $\pm$ 0.050 χ^2 /NDF: 540081.1/9

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -180.195+/-2.812 χ^2/NDF : 102.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -121.918+/-2.067 χ^2/NDF : 1109.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

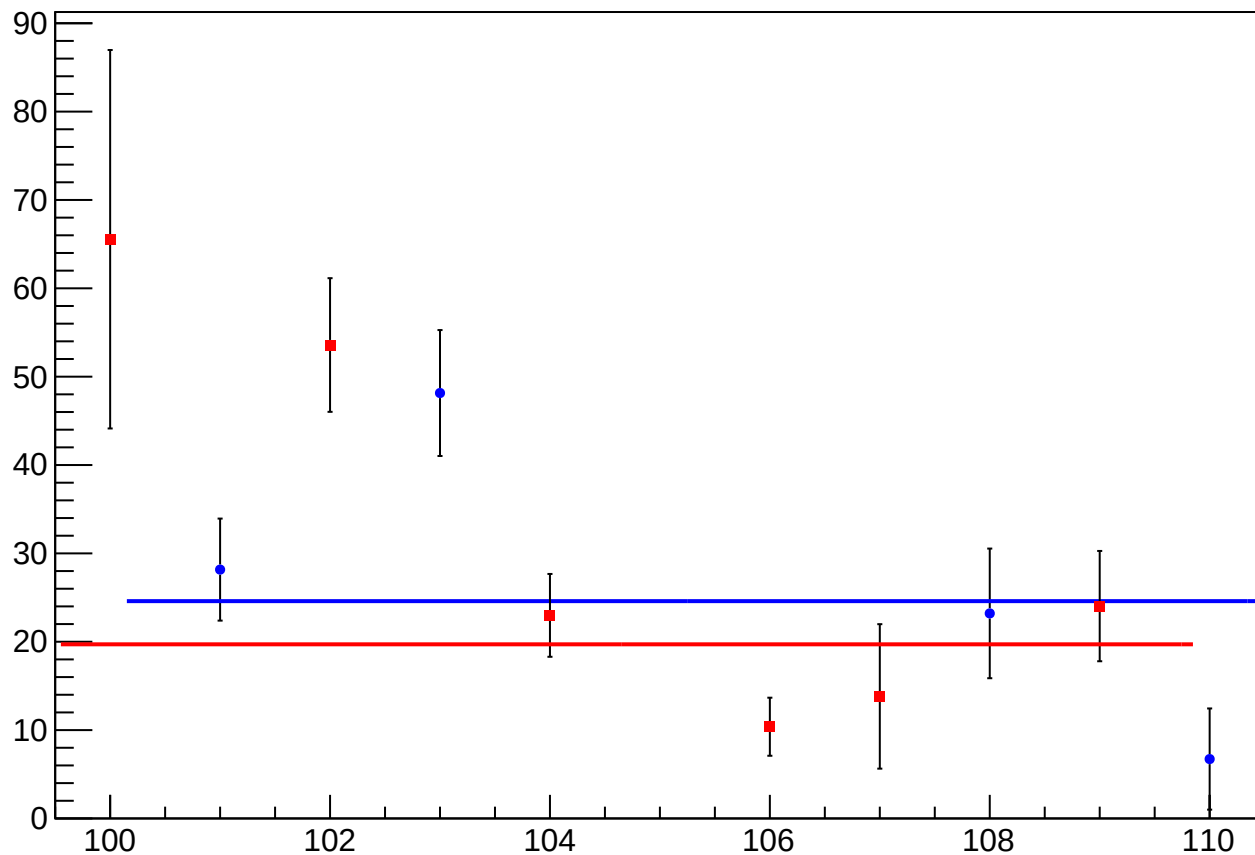
Right: -142.361+/-1.666 χ^2/NDF : 1491.4/9

In: -180.195+/-2.812 χ^2/NDF : 102.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.361+/-1.666 χ^2/NDF : 1491.4/9

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.596 $\pm$ 3.182 χ^2 /NDF: 21.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 19.708 $\pm$ 2.245 χ^2 /NDF: 34.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

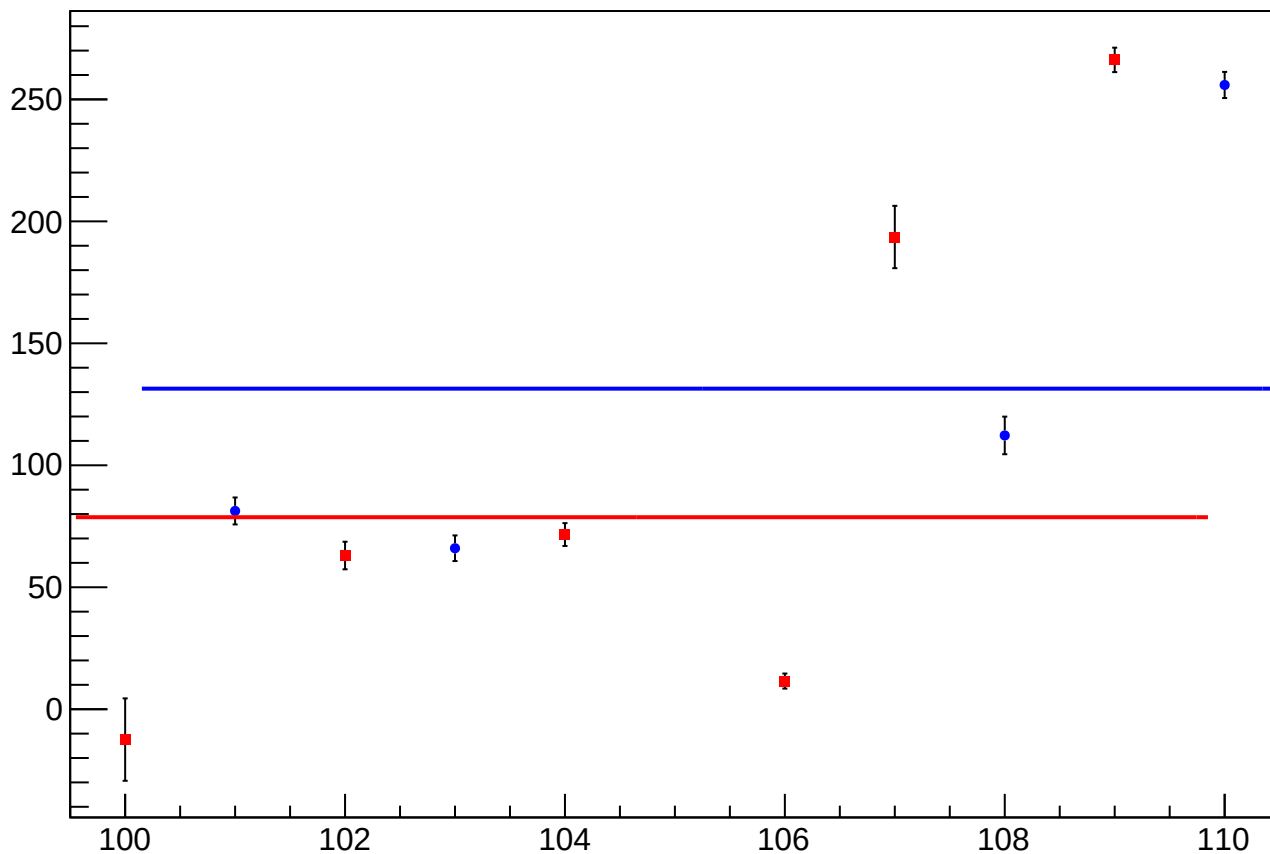
Right: 21.333 $\pm$ 1.834 χ^2 /NDF: 56.8/9

In: 24.596 $\pm$ 3.182 χ^2 /NDF:21.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.333 $\pm$ 1.834 χ^2 /NDF: 56.8/9

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 131.421+/-2.880 χ^2/NDF : 782.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.715+/-2.080 χ^2/NDF : 1994.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

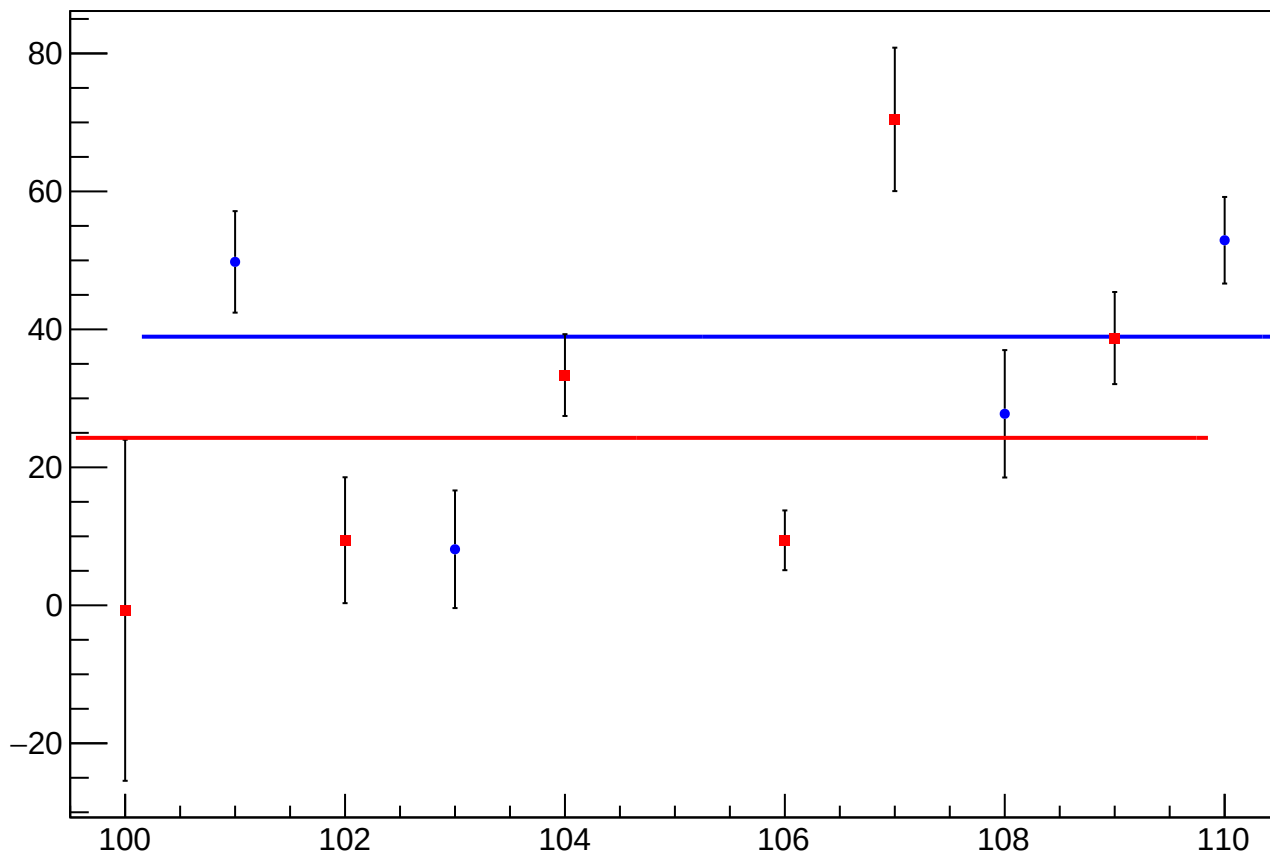
Right: 96.781+/-1.686 χ^2/NDF : 2997.4/9

In: 131.421+/-2.880 χ^2/NDF : 782.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.781+/-1.686 χ^2/NDF : 2997.4/9

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 38.942 $\pm$ 3.797 χ^2 /NDF: 21.7/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.275 $\pm$ 2.805 χ^2 /NDF: 42.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

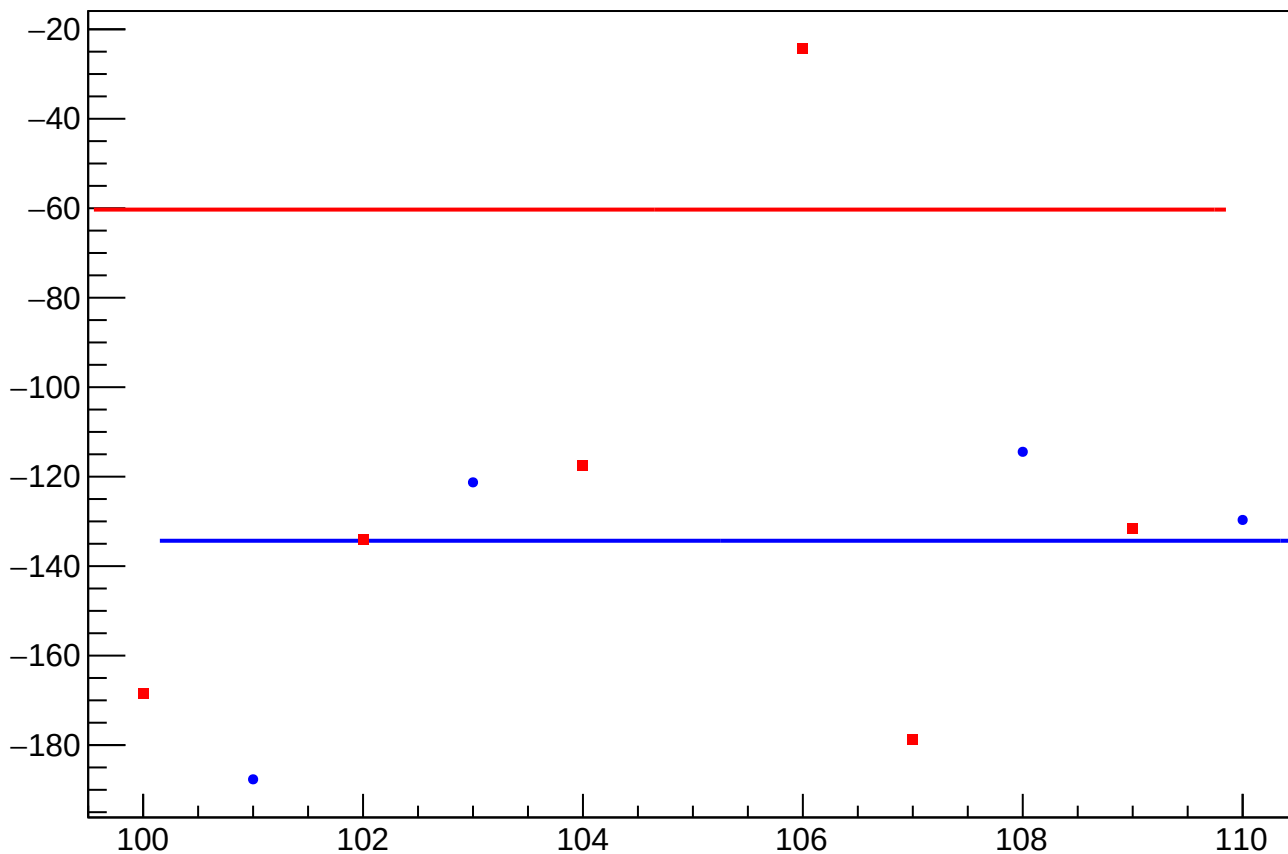
Right: 29.453 $\pm$ 2.256 χ^2 /NDF: 73.5/9

In: 38.942 $\pm$ 3.797 χ^2 /NDF:21.7/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.453 $\pm$ 2.256 χ^2 /NDF: 73.5/9

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -134.327+/-0.150 χ^2/NDF : 33673.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.301+/-0.083 χ^2/NDF : 385249.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

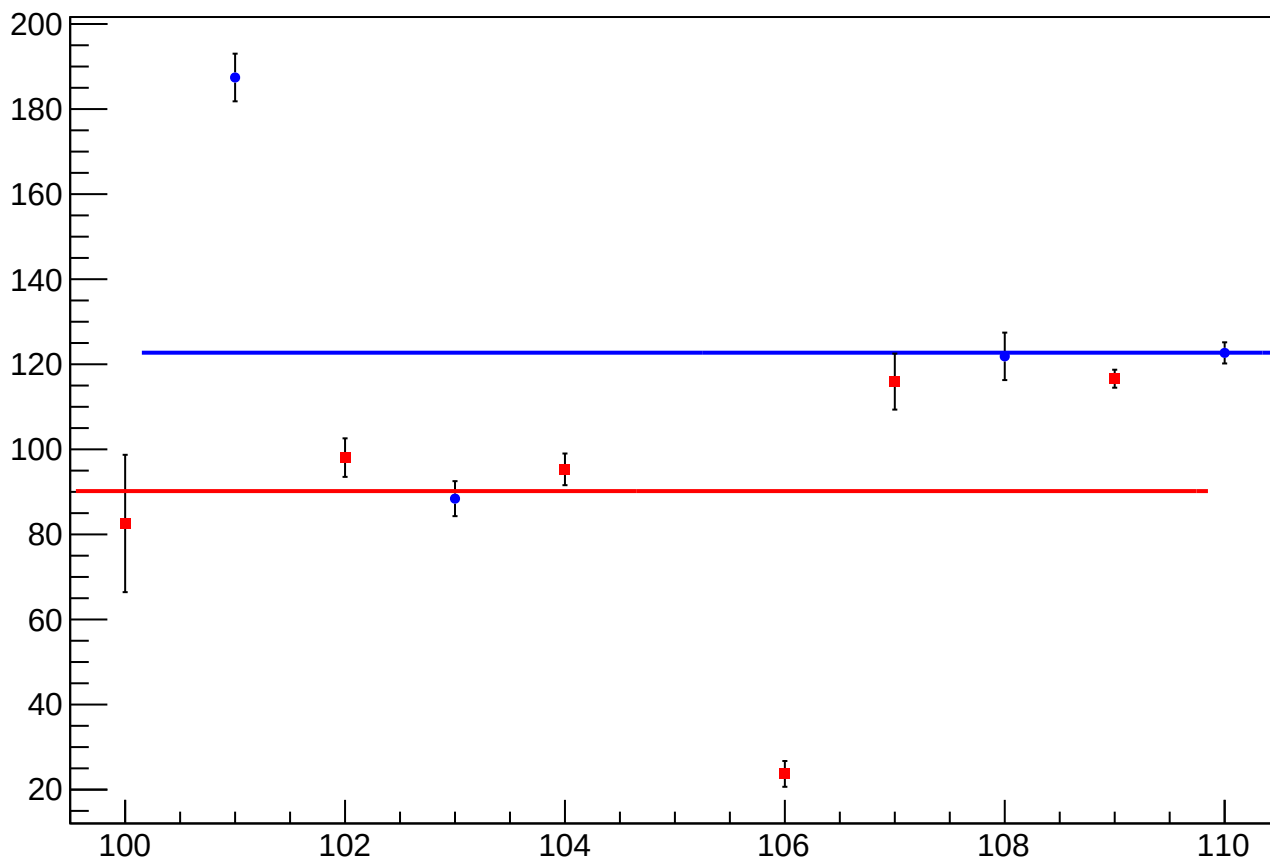
Right: -77.786+/-0.073 χ^2/NDF : 606067.2/9

In: -134.327+/-0.150 χ^2/NDF : 33673.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.786+/-0.073 χ^2/NDF : 606067.2/9

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 122.724 $\pm$ 1.874 χ^2 /NDF: 203.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.186 $\pm$ 1.443 χ^2 /NDF: 657.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

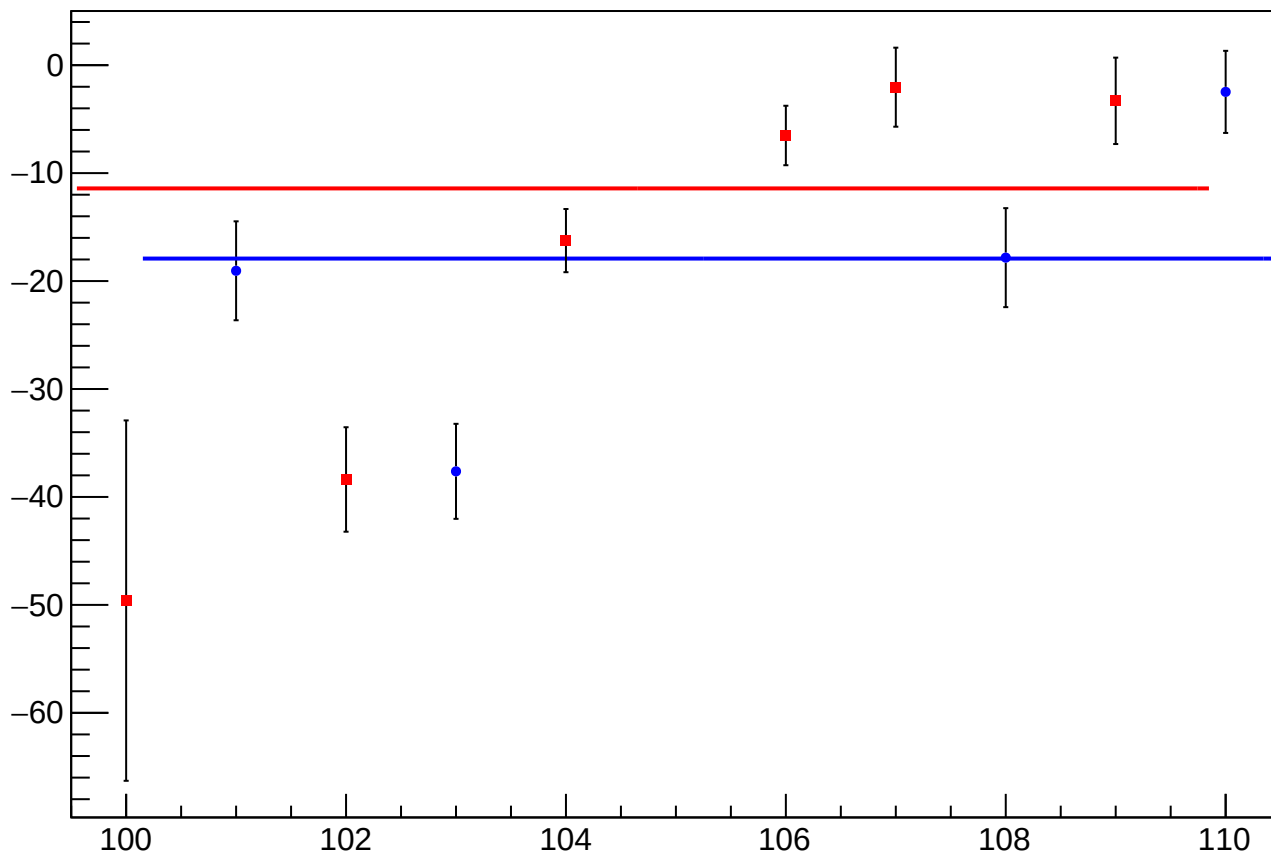
Right: 102.299 $\pm$ 1.143 χ^2 /NDF: 1049.7/9

In: 122.724 $\pm$ 1.874 χ^2 /NDF: 203.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.299 $\pm$ 1.143 χ^2 /NDF: 1049.7/9

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.916 ± 2.152 $\chi^2/\text{NDF}: 36.6/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -11.418 ± 1.522 $\chi^2/\text{NDF}: 52.8/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

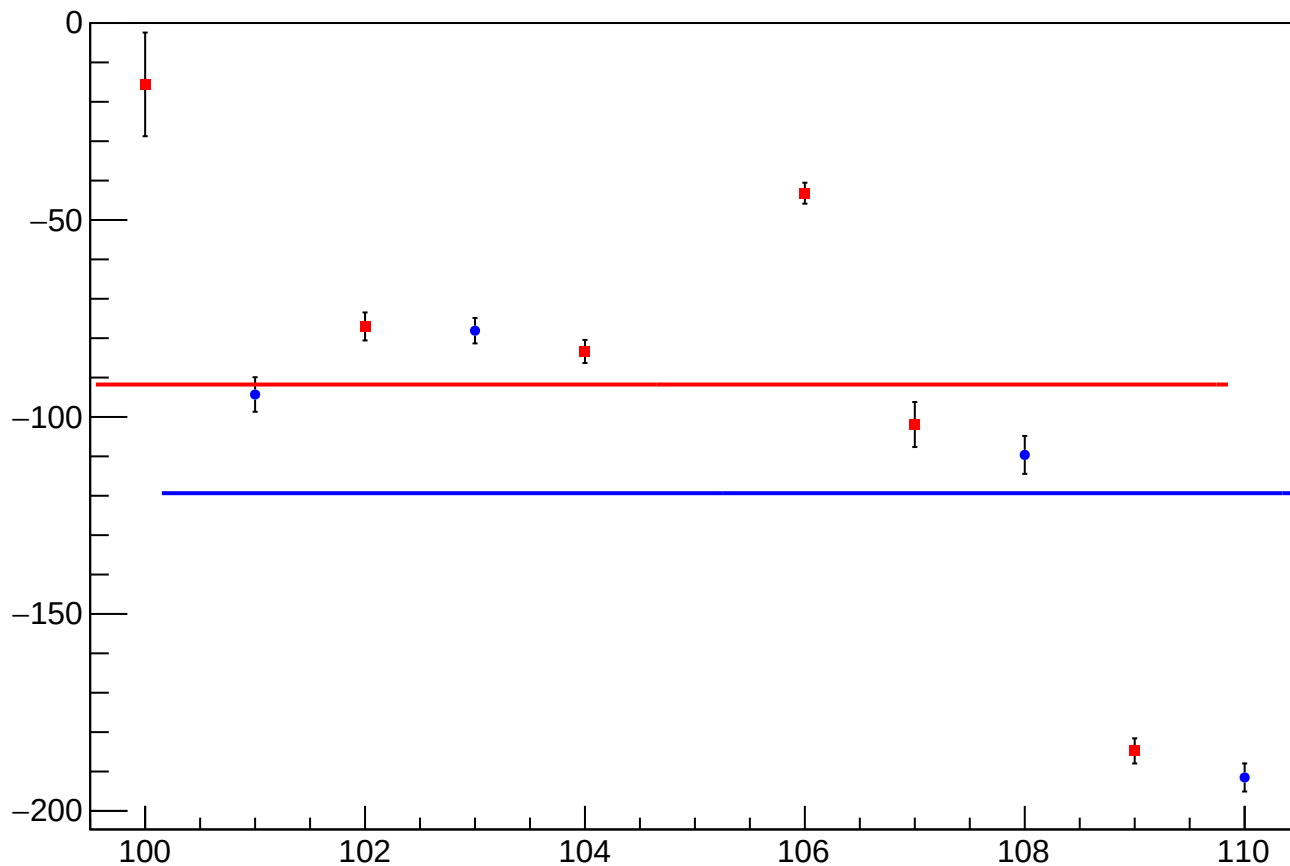
Right: -13.584 ± 1.242 $\chi^2/\text{NDF}: 95.5/9$

In: -17.916 ± 2.152 $\chi^2/\text{NDF}: 36.6/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -13.584 ± 1.242 $\chi^2/\text{NDF}: 95.5/9$

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -119.351+/-1.925 χ^2/NDF : 610.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.766+/-1.458 χ^2/NDF : 1241.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

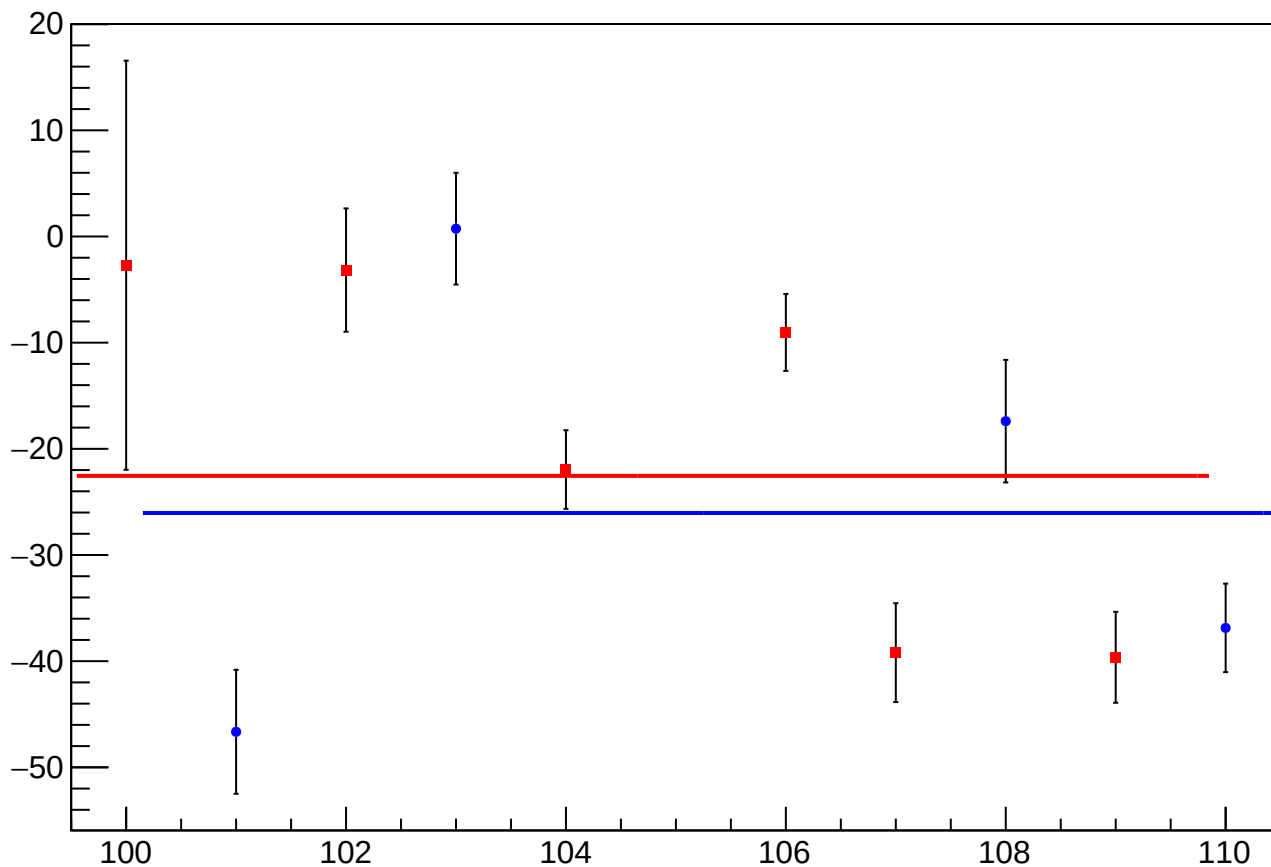
Right: -101.820+/-1.162 χ^2/NDF : 1982.2/9

In: -119.351+/-1.925 χ^2/NDF : 610.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.820+/-1.162 χ^2/NDF : 1982.2/9

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.044 $\pm$ 2.557 χ^2 /NDF: 47.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.548 $\pm$ 1.883 χ^2 /NDF: 54.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

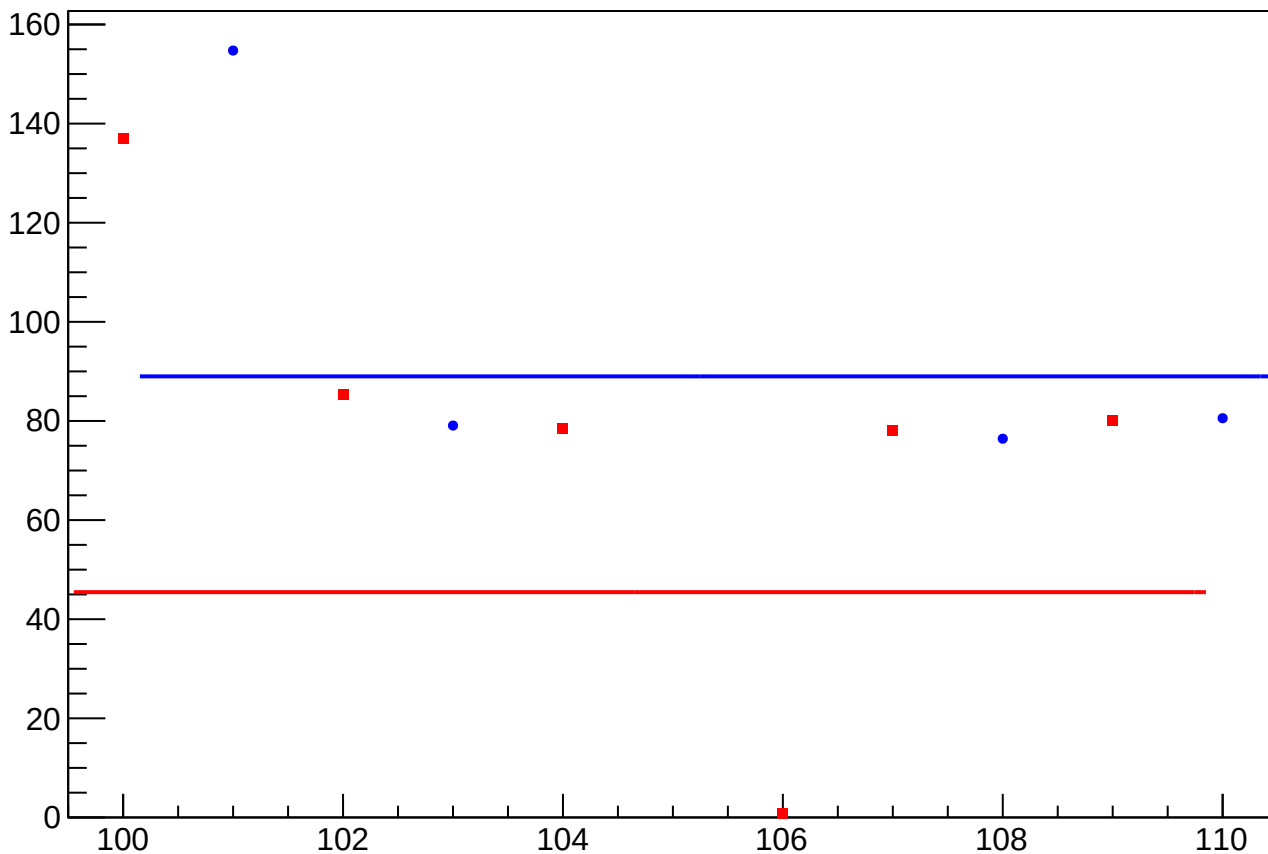
Right: -23.777 $\pm$ 1.516 χ^2 /NDF: 103.4/9

In: -26.044 $\pm$ 2.557 χ^2 /NDF: 47.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.777 $\pm$ 1.516 χ^2 /NDF: 103.4/9

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 88.999+/-0.097 χ^2/NDF : 73233.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.459+/-0.065 χ^2/NDF : 396888.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

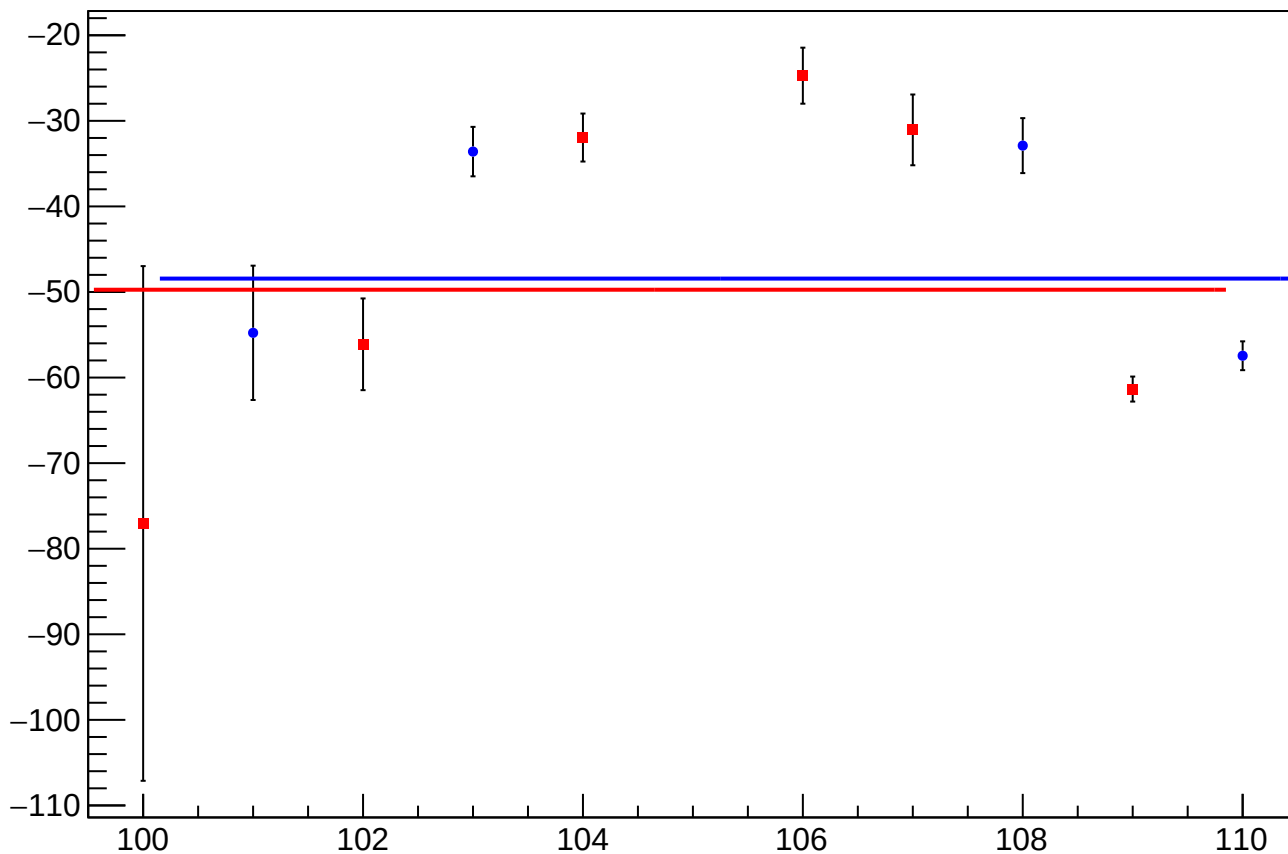
Right: 58.826+/-0.054 χ^2/NDF : 609373.3/9

In: 88.999+/-0.097 χ^2/NDF : 73233.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.826+/-0.054 χ^2/NDF : 609373.3/9

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -48.433+/-1.307 χ^2/NDF : 79.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -49.735+/-1.130 χ^2/NDF : 184.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

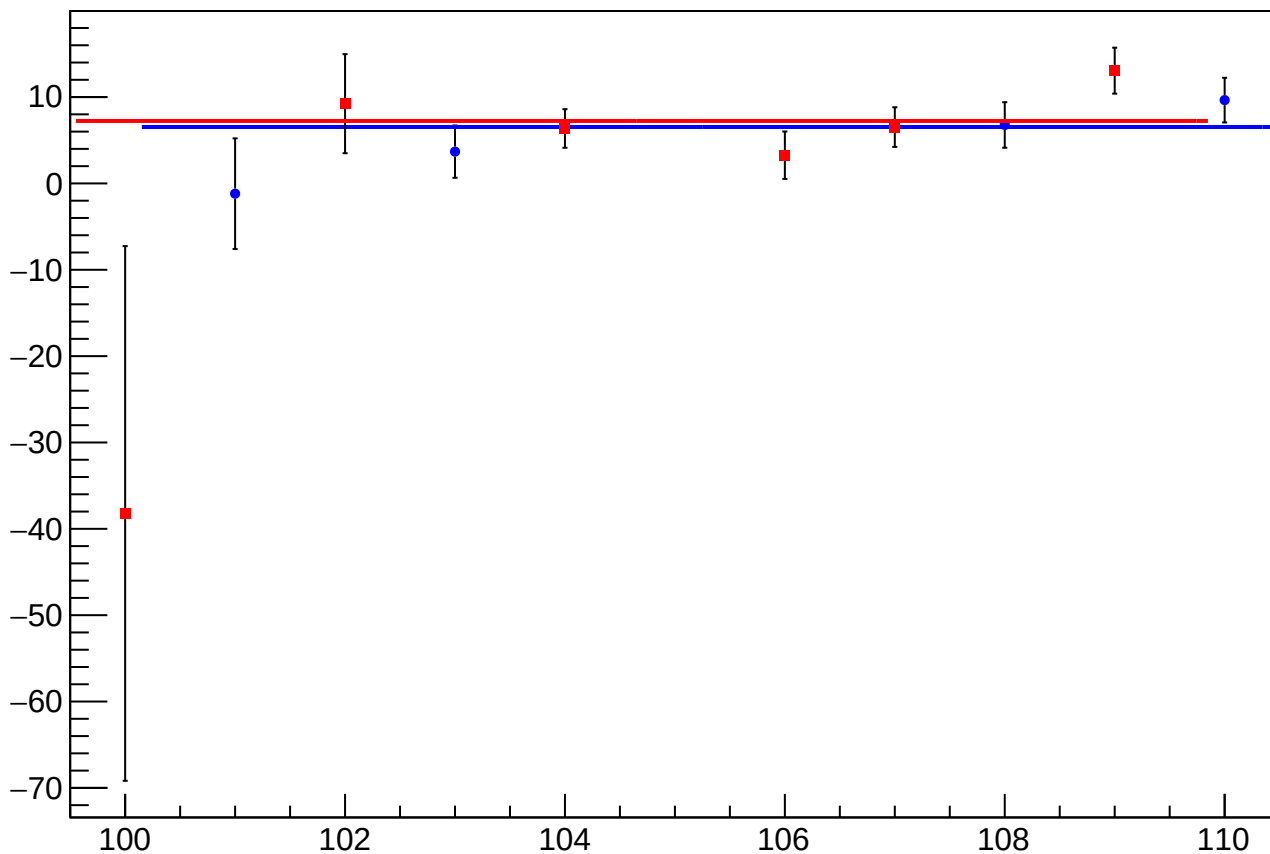
Right: -49.178+/-0.855 χ^2/NDF : 264.0/9

In: -48.433+/-1.307 χ^2/NDF : 79.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.178+/-0.855 χ^2/NDF : 264.0/9

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.536+/-1.530 χ^2/NDF : 3.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.235+/-1.199 χ^2/NDF : 9.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

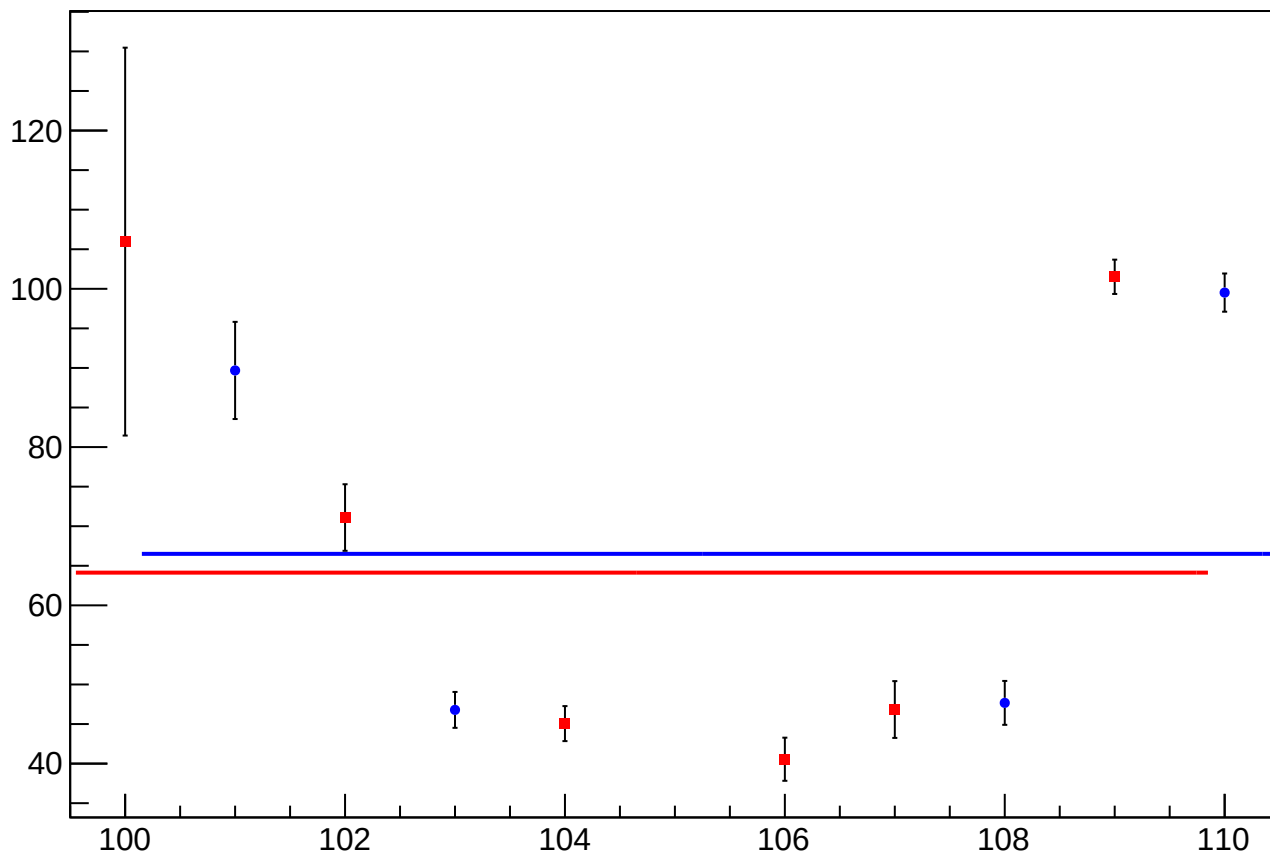
Right: 6.969+/-0.944 χ^2/NDF : 13.3/9

In: 6.536+/-1.530 χ^2/NDF : 3.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.969+/-0.944 χ^2/NDF : 13.3/9

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 66.507+/-1.384 χ^2/NDF : 322.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.134+/-1.206 χ^2/NDF : 475.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

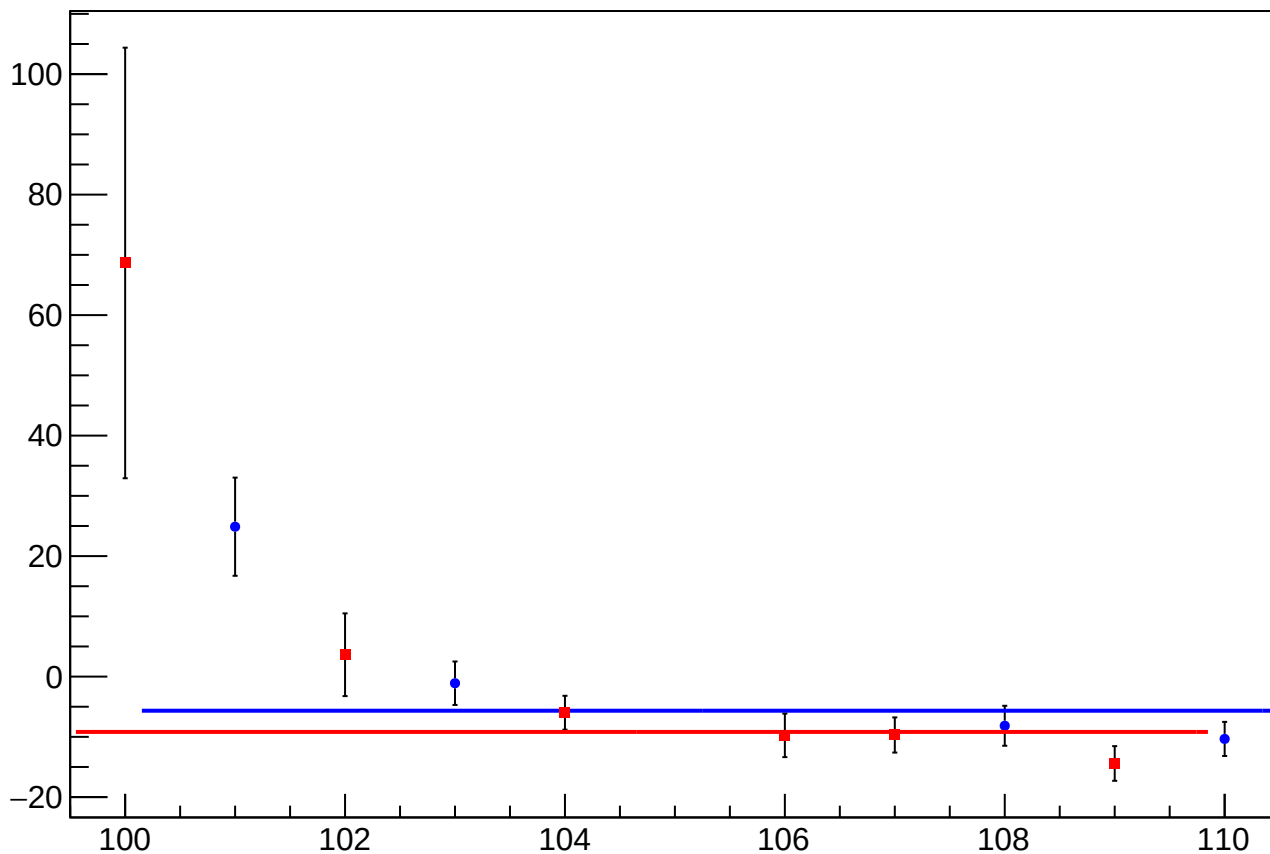
Right: 65.158+/-0.909 χ^2/NDF : 800.1/9

In: 66.507+/-1.384 χ^2/NDF : 322.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.158+/-0.909 χ^2/NDF : 800.1/9

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.662+/-1.803 χ^2/NDF : 19.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.182+/-1.469 χ^2/NDF : 12.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

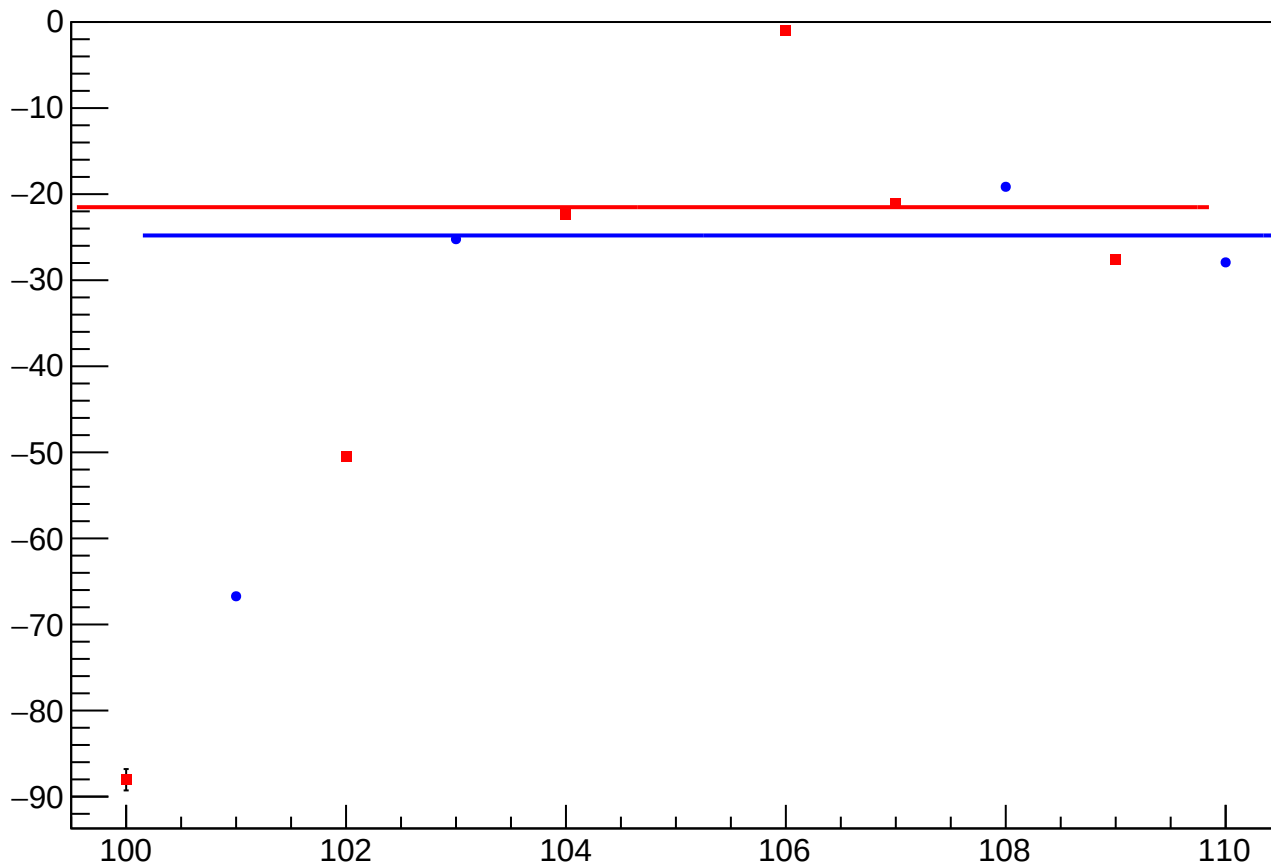
Right: -7.778+/-1.139 χ^2/NDF : 34.1/9

In: -5.662+/-1.803 χ^2/NDF : 19.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.778+/-1.139 χ^2/NDF : 34.1/9

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -24.801+/-0.067 χ^2/NDF : 16077.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -21.514+/-0.060 χ^2/NDF : 57126.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

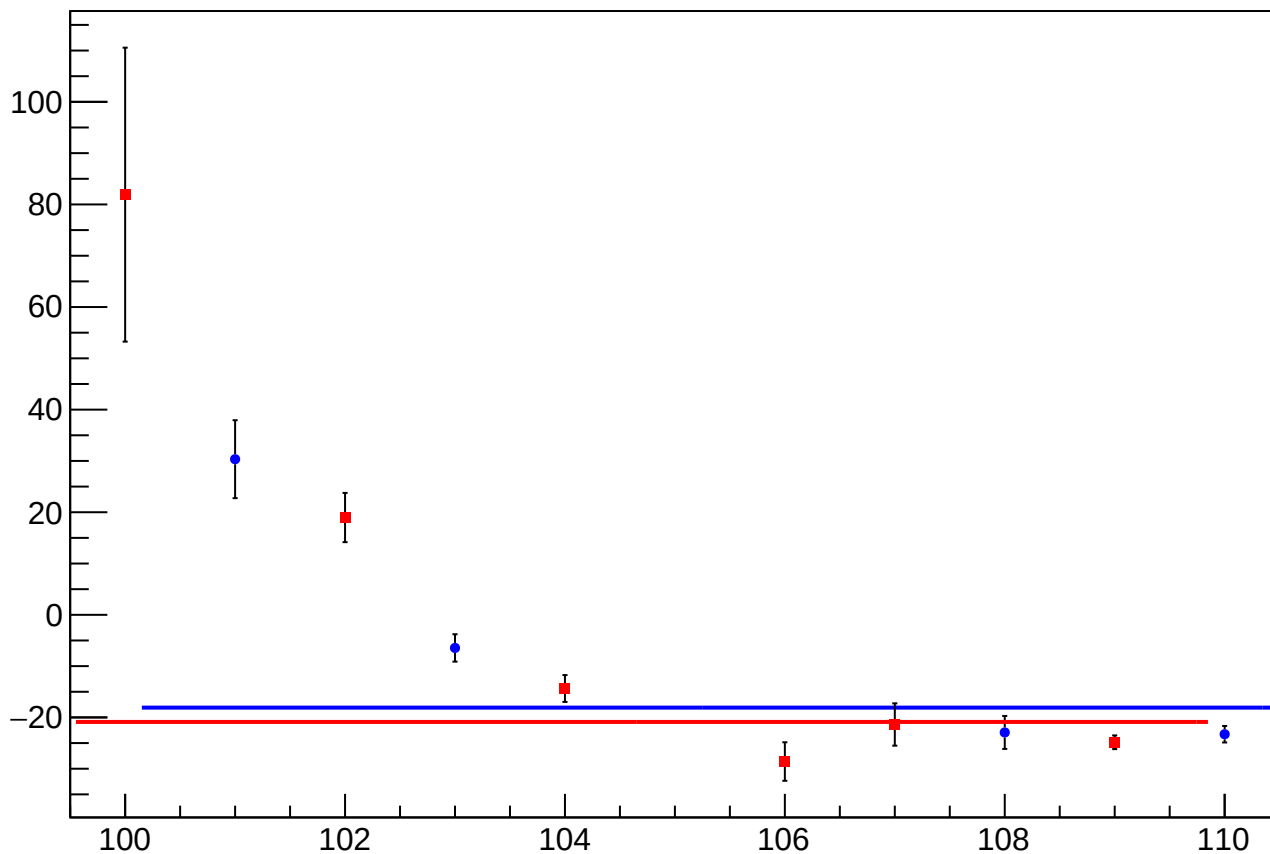
Right: -22.980+/-0.045 χ^2/NDF : 74533.9/9

In: -24.801+/-0.067 χ^2/NDF :16077.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -22.980+/-0.045 χ^2/NDF : 74533.9/9

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -18.088+/-1.249 χ^2/NDF : 72.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.879+/-1.065 χ^2/NDF : 101.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

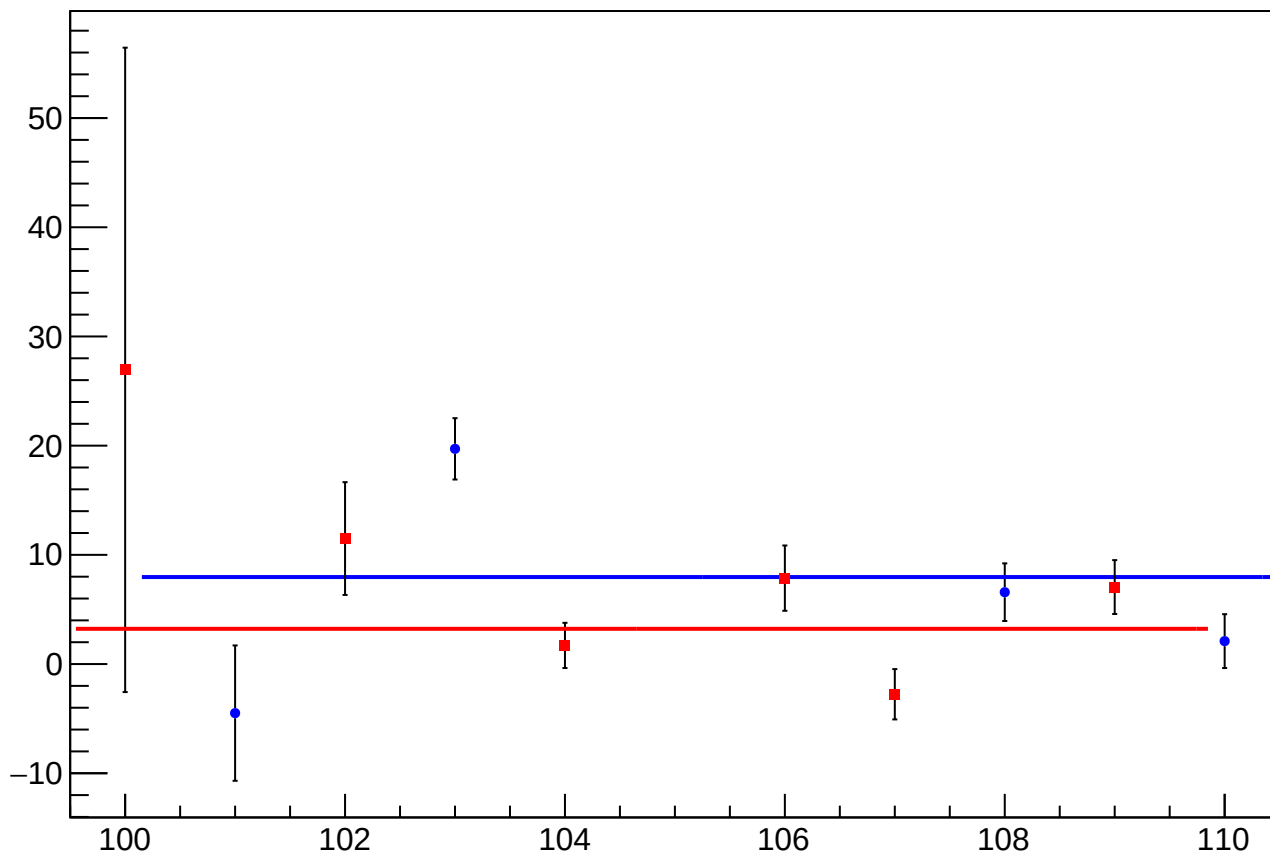
Right: -19.705+/-0.810 χ^2/NDF : 176.2/9

In: -18.088+/-1.249 χ^2/NDF : 72.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.705+/-0.810 χ^2/NDF : 176.2/9

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.967 $\pm$ 1.473 χ^2 /NDF: 27.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.228 $\pm$ 1.165 χ^2 /NDF: 15.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

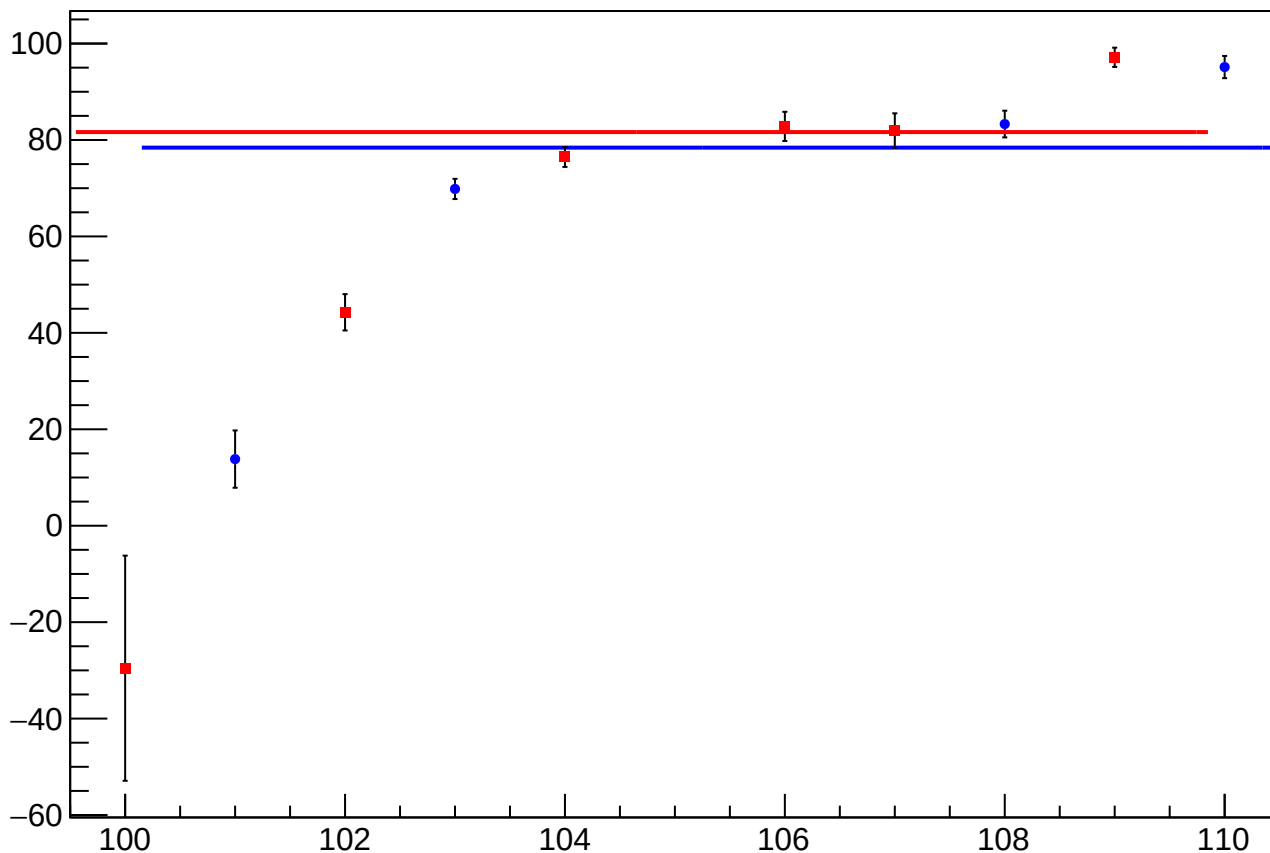
Right: 5.052 $\pm$ 0.914 χ^2 /NDF: 49.1/9

In: 7.967 $\pm$ 1.473 χ^2 /NDF: 27.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.052 $\pm$ 0.914 χ^2 /NDF: 49.1/9

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 78.415+/-1.320 χ^2/NDF : 190.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.639+/-1.159 χ^2/NDF : 187.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

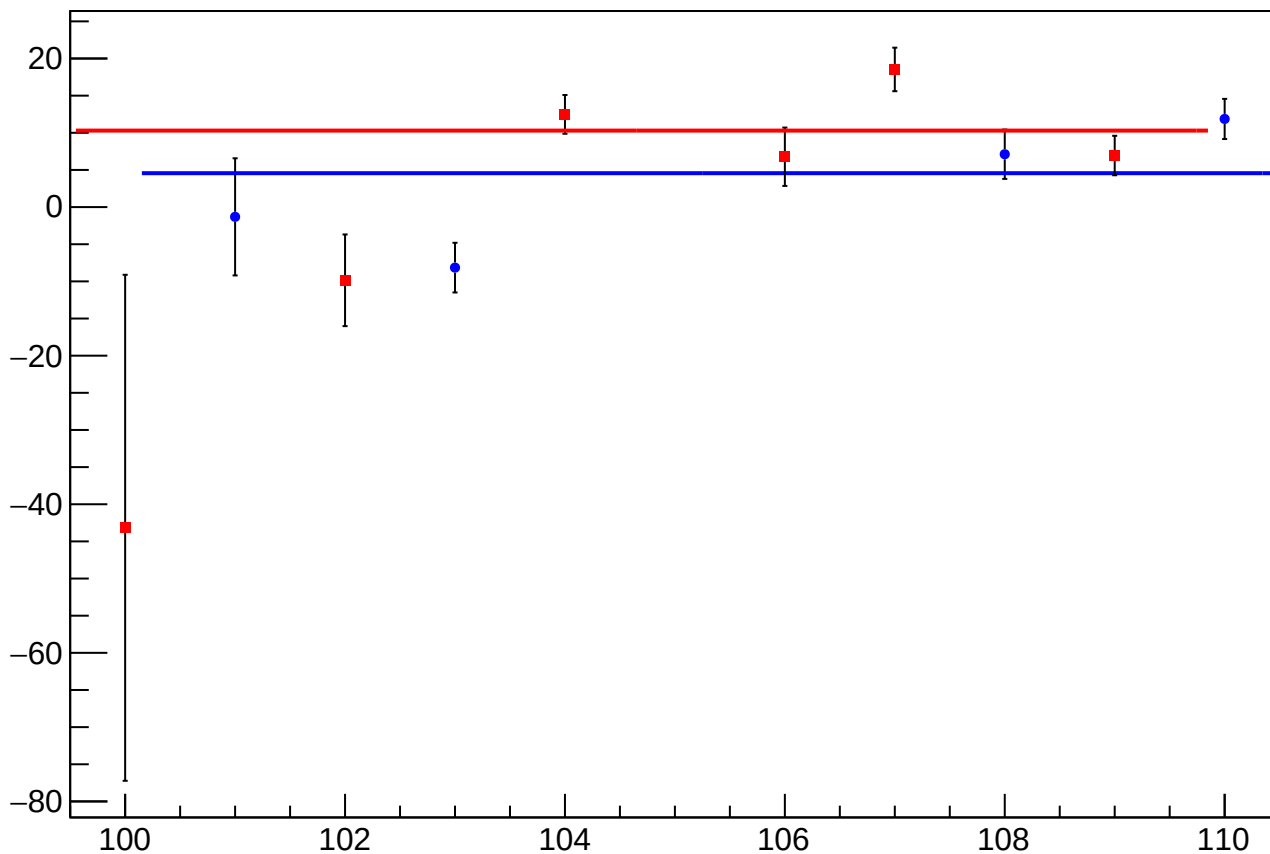
Right: 80.236+/-0.871 χ^2/NDF : 381.8/9

In: 78.415+/-1.320 χ^2/NDF : 190.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.236+/-0.871 χ^2/NDF : 381.8/9

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.564+/-1.733 χ^2/NDF : 22.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.297+/-1.418 χ^2/NDF : 24.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

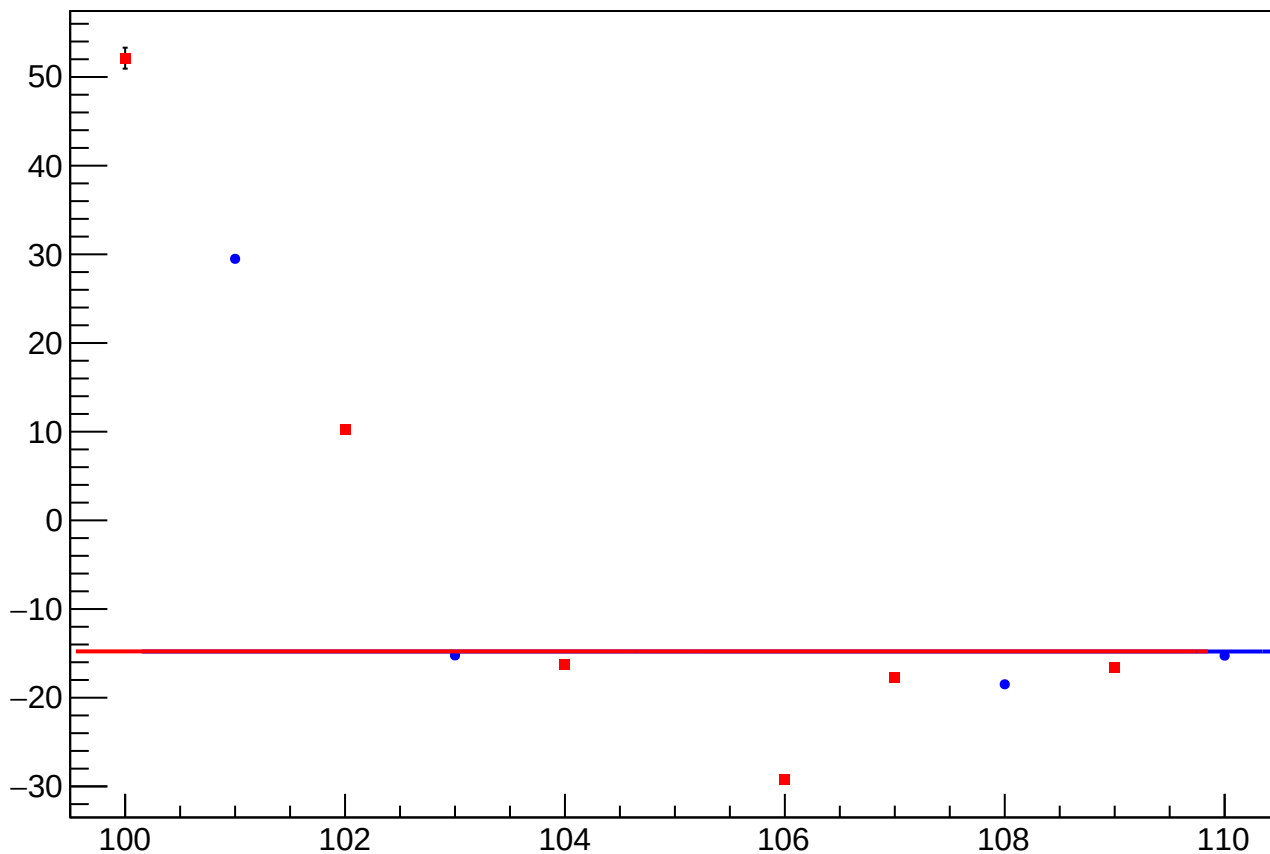
Right: 7.997+/-1.097 χ^2/NDF : 53.6/9

In: 4.564+/-1.733 χ^2/NDF : 22.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.997+/-1.097 χ^2/NDF : 53.6/9

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -14.789 $\pm$ 0.064 χ^2 /NDF: 16963.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.775 $\pm$ 0.059 χ^2 /NDF: 37793.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

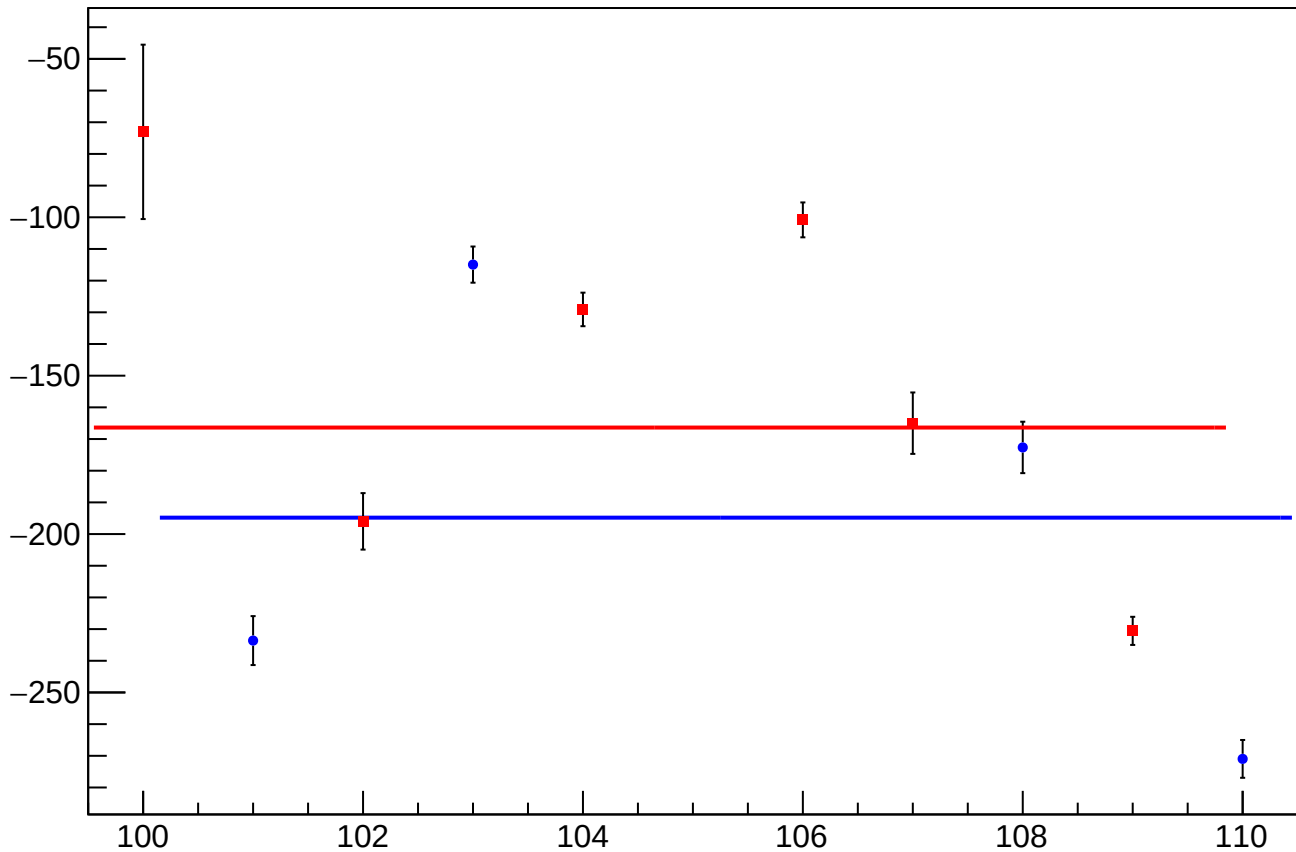
Right: -14.782 $\pm$ 0.043 χ^2 /NDF: 54757.6/9

In: -14.789 $\pm$ 0.064 χ^2 /NDF:16963.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.782 $\pm$ 0.043 χ^2 /NDF: 54757.6/9

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -194.819+/-3.321 χ^2/NDF : 391.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -166.376+/-2.636 χ^2/NDF : 422.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

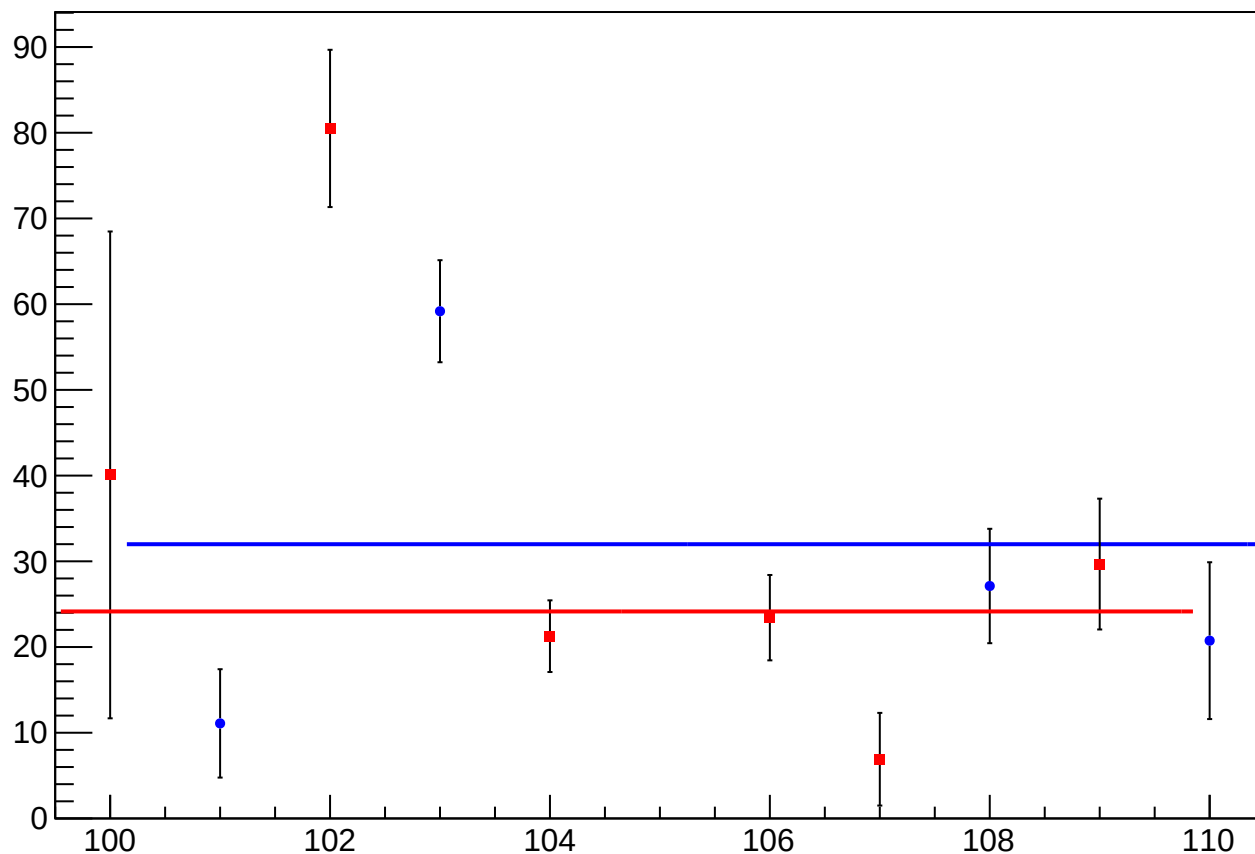
Right: -177.372+/-2.065 χ^2/NDF : 859.0/9

In: -194.819+/-3.321 χ^2/NDF : 391.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.372+/-2.065 χ^2/NDF : 859.0/9

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 31.995+/-3.378 χ^2/NDF : 33.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.151+/-2.484 χ^2/NDF : 49.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

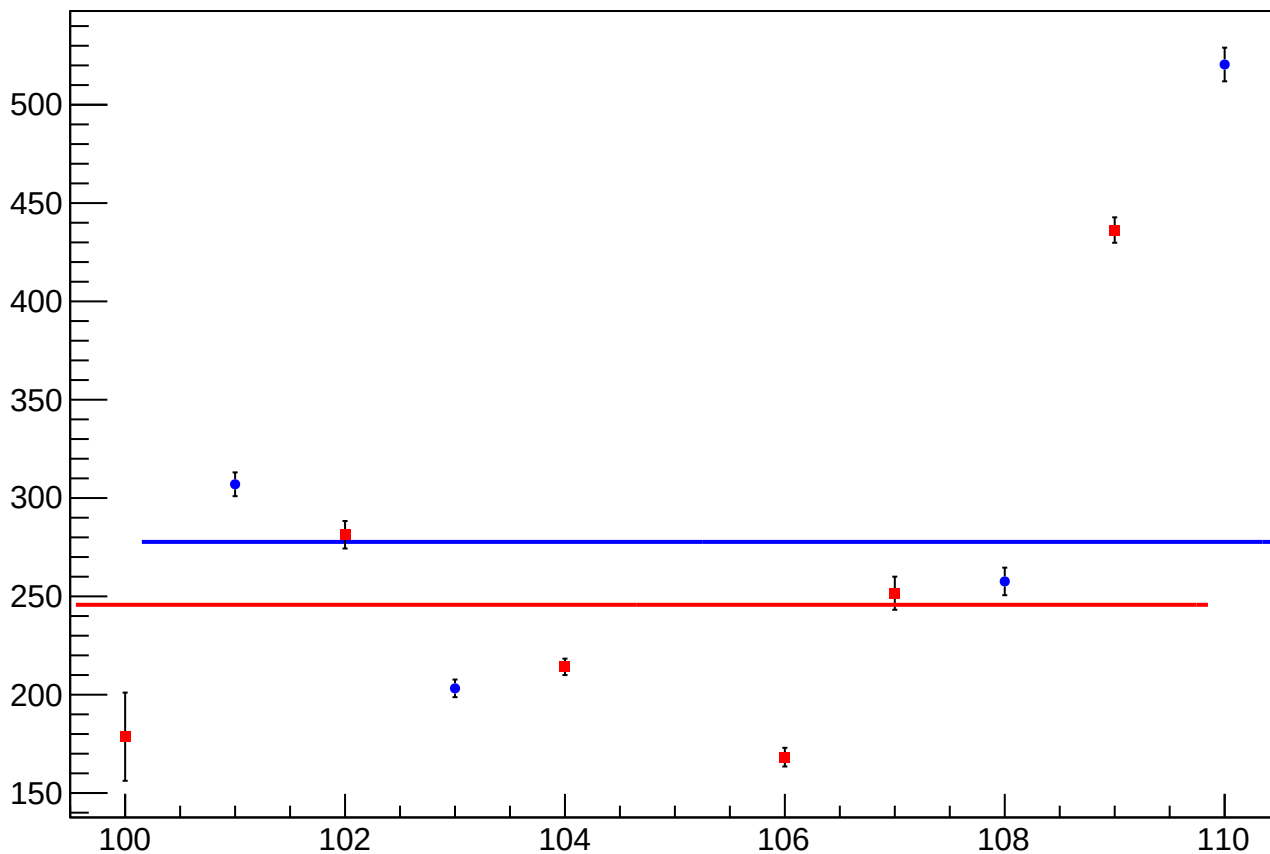
Right: 26.904+/-2.001 χ^2/NDF : 86.6/9

In: 31.995+/-3.378 χ^2/NDF : 33.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.904+/-2.001 χ^2/NDF : 86.6/9

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 277.699+/-2.999 χ^2/NDF : 1113.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 245.715+/-2.484 χ^2/NDF : 1226.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

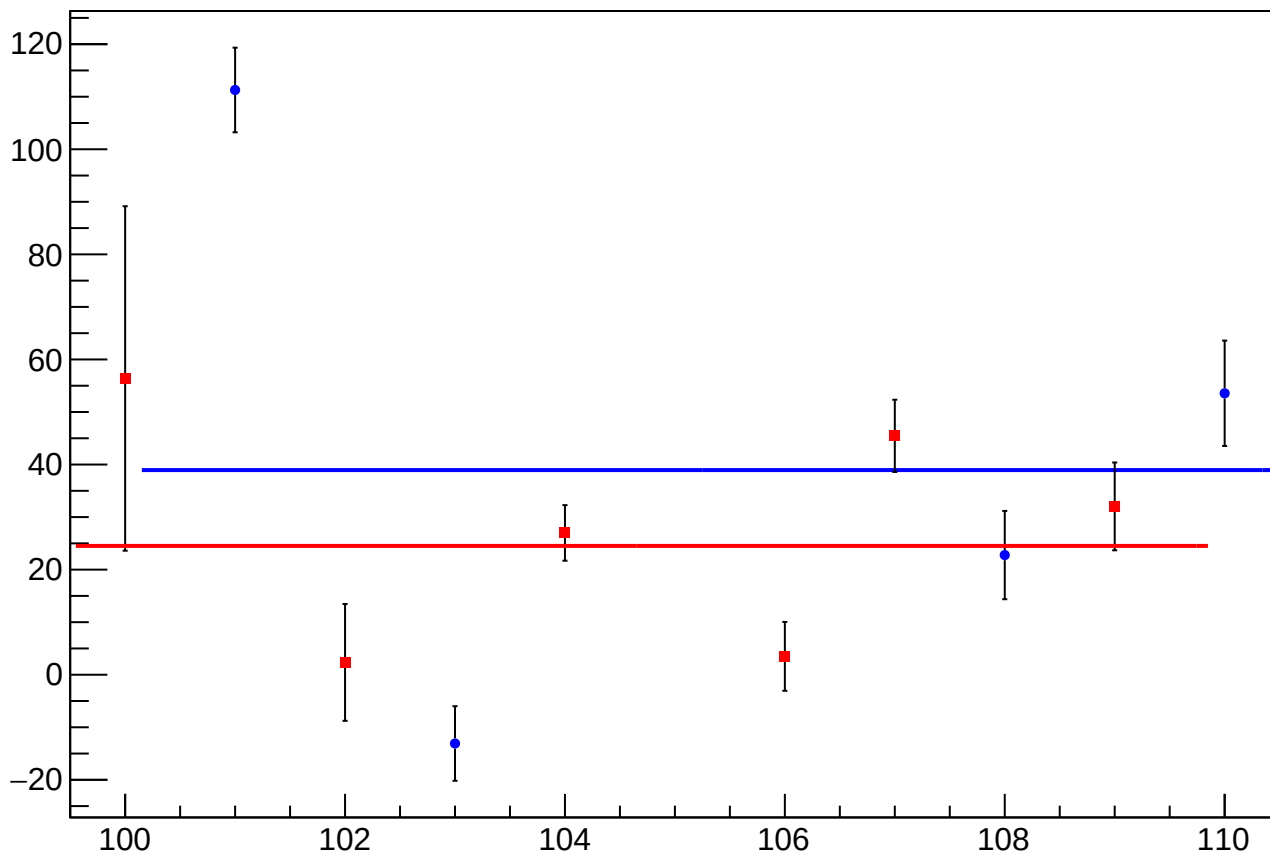
Right: 258.729+/-1.913 χ^2/NDF : 2407.7/9

In: 277.699+/-2.999 χ^2/NDF : 1113.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.729+/-1.913 χ^2/NDF : 2407.7/9

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 38.945+/-4.104 χ^2/NDF : 140.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.515+/-3.107 χ^2/NDF : 25.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

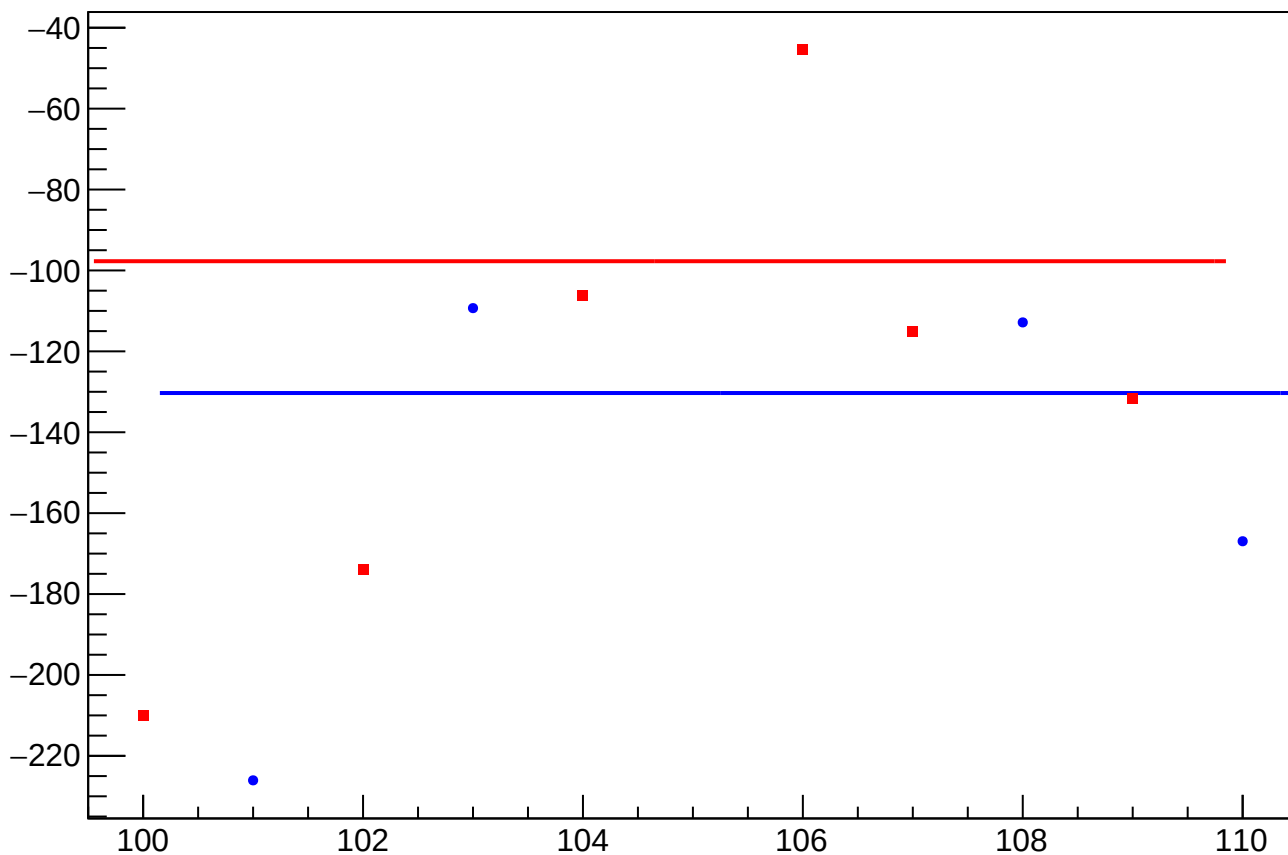
Right: 29.773+/-2.477 χ^2/NDF : 173.7/9

In: 38.945+/-4.104 χ^2/NDF : 140.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.773+/-2.477 χ^2/NDF : 173.7/9

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -130.302+/-0.141 χ^2/NDF : 89334.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -97.717+/-0.113 χ^2/NDF : 160380.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

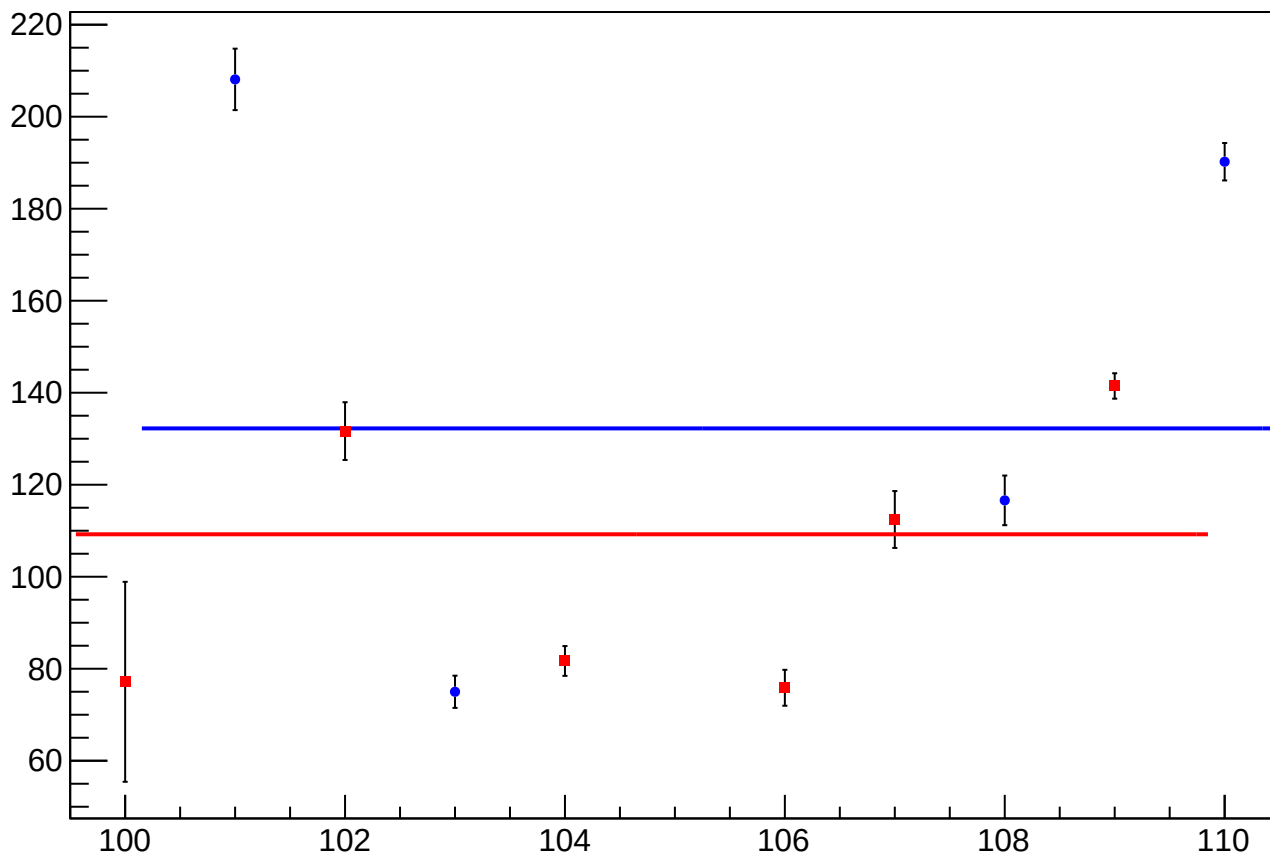
Right: -110.453+/-0.088 χ^2/NDF : 282187.5/9

In: -130.302+/-0.141 χ^2/NDF : 89334.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.453+/-0.088 χ^2/NDF : 282187.5/9

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 132.244+/-2.243 χ^2/NDF : 607.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.225+/-1.701 χ^2/NDF : 296.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

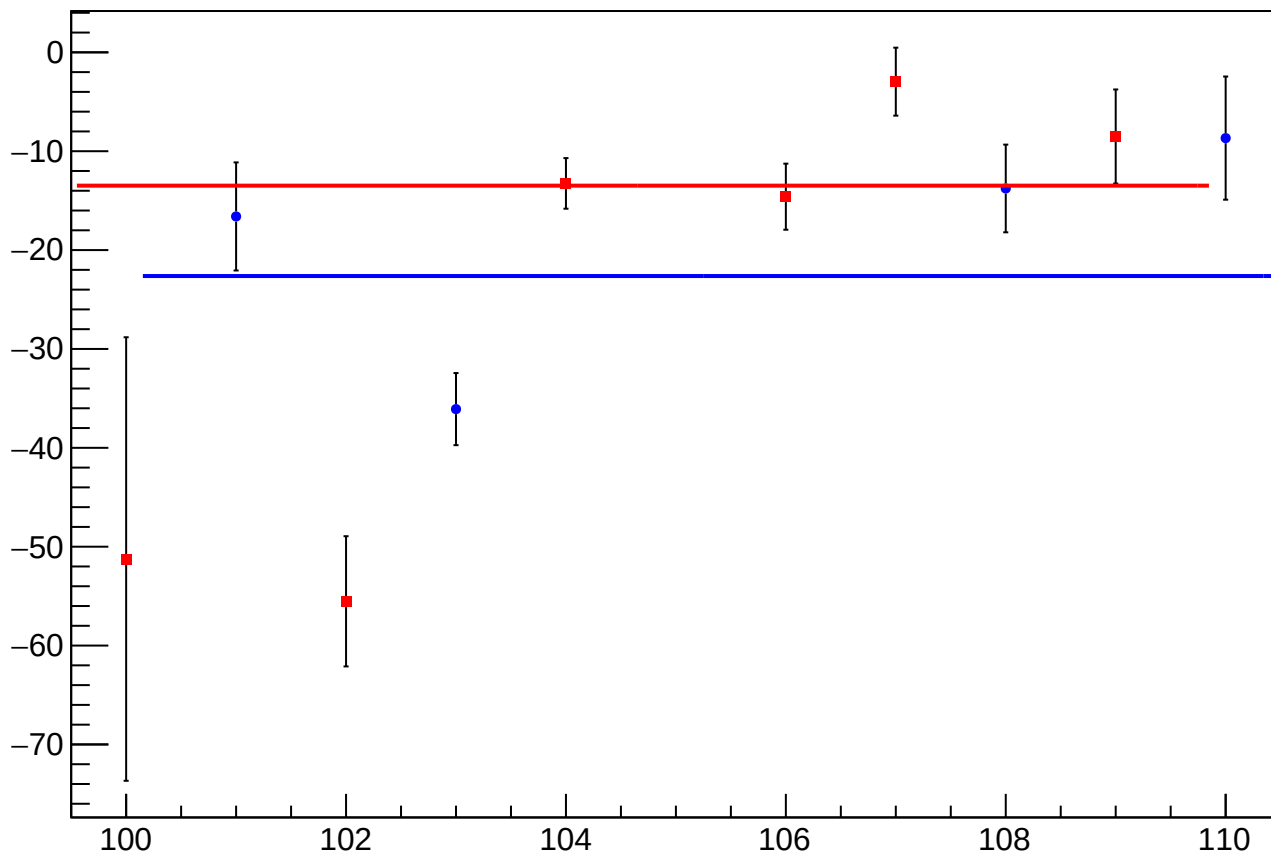
Right: 117.631+/-1.355 χ^2/NDF : 971.5/9

In: 132.244+/-2.243 χ^2/NDF : 607.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.631+/-1.355 χ^2/NDF : 971.5/9

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -22.625 $\pm$ 2.323 χ^2 /NDF: 23.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.483 $\pm$ 1.589 χ^2 /NDF: 54.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

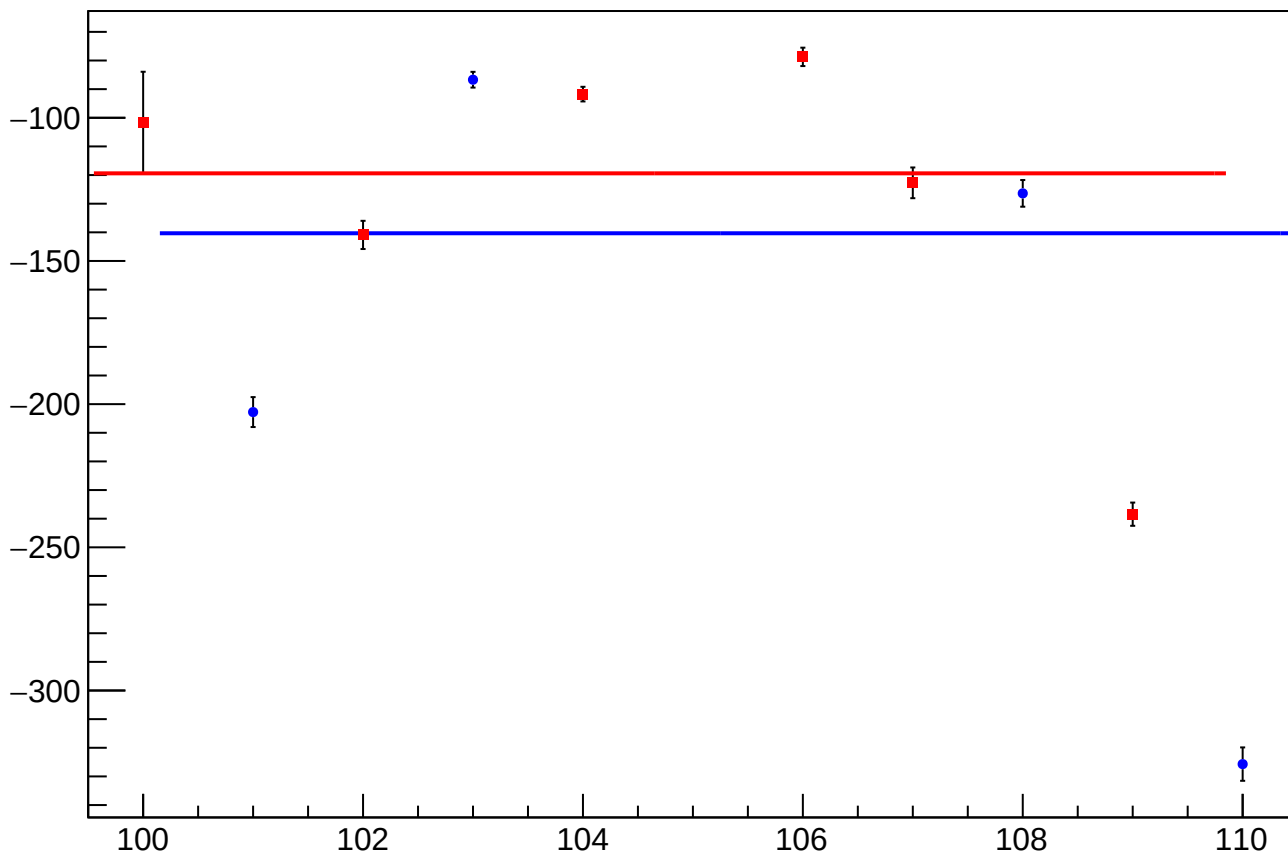
Right: -16.396 $\pm$ 1.312 χ^2 /NDF: 88.6/9

In: -22.625 $\pm$ 2.323 χ^2 /NDF:23.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.396 $\pm$ 1.312 χ^2 /NDF: 88.6/9

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -140.326+/-2.022 χ^2/NDF : 1543.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -119.401+/-1.601 χ^2/NDF : 1159.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

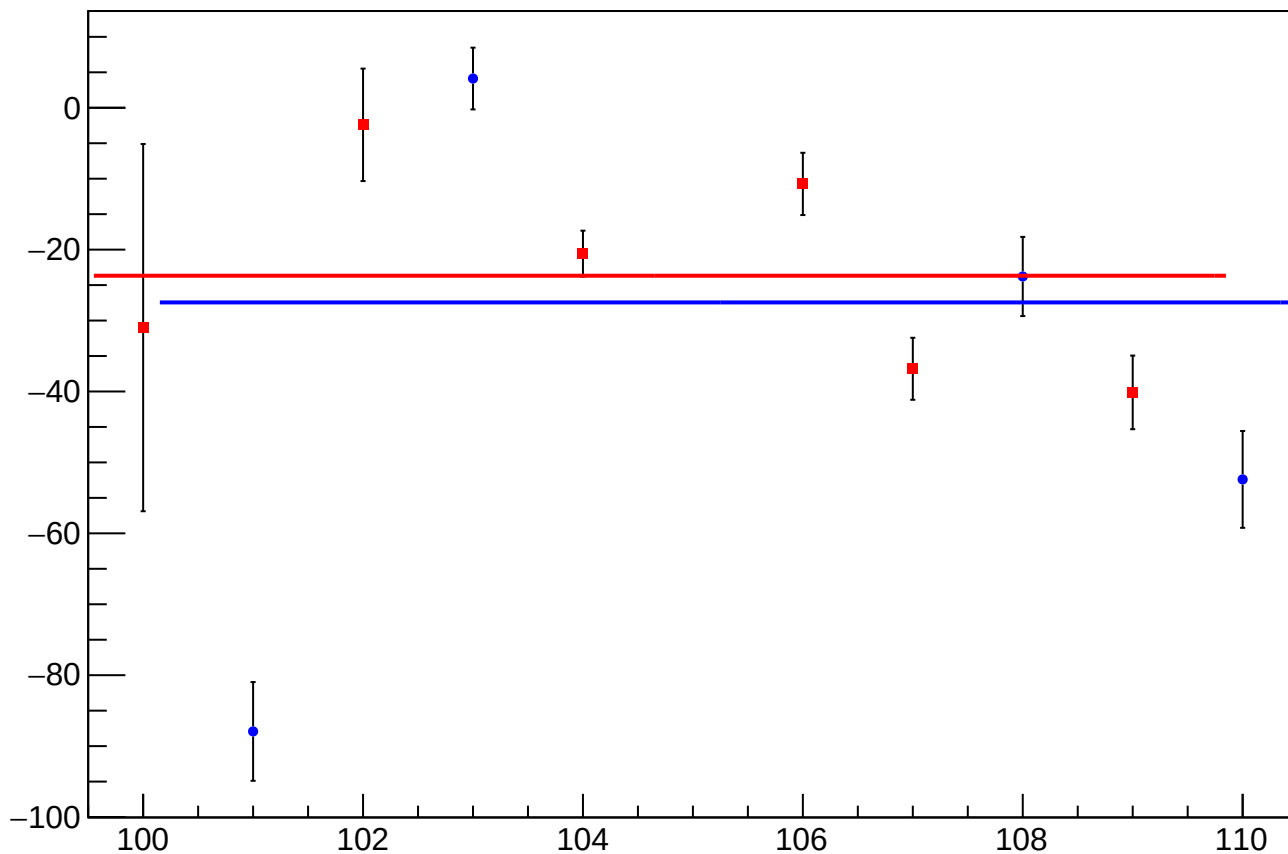
Right: -127.463+/-1.255 χ^2/NDF : 2768.8/9

In: -140.326+/-2.022 χ^2/NDF : 1543.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -127.463+/-1.255 χ^2/NDF : 2768.8/9

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.444+/-2.806 χ^2/NDF : 141.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.680+/-1.983 χ^2/NDF : 36.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

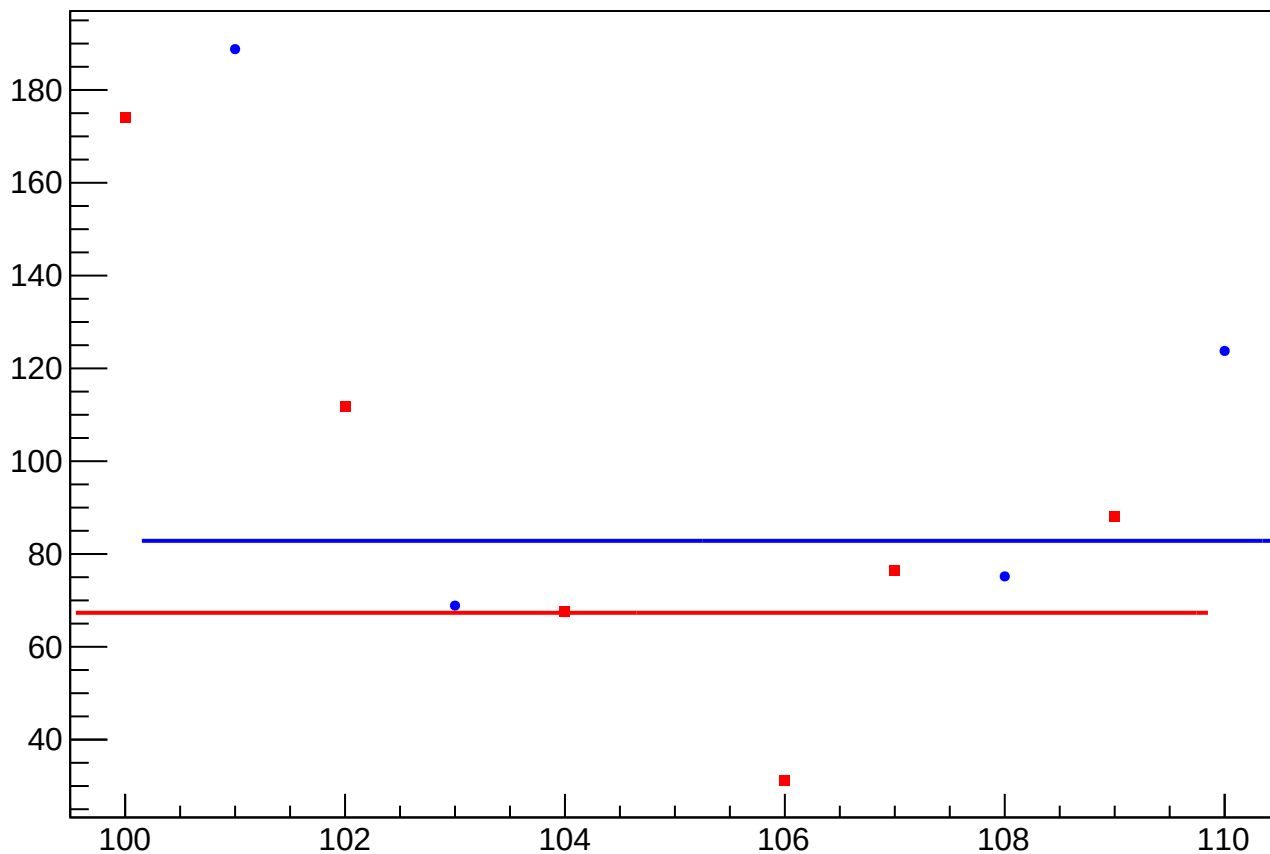
Right: -24.934+/-1.620 χ^2/NDF : 179.0/9

In: -27.444+/-2.806 χ^2/NDF : 141.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.934+/-1.620 χ^2/NDF : 179.0/9

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 82.840+/-0.092 χ^2/NDF : 138940.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.333+/-0.077 χ^2/NDF : 124240.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

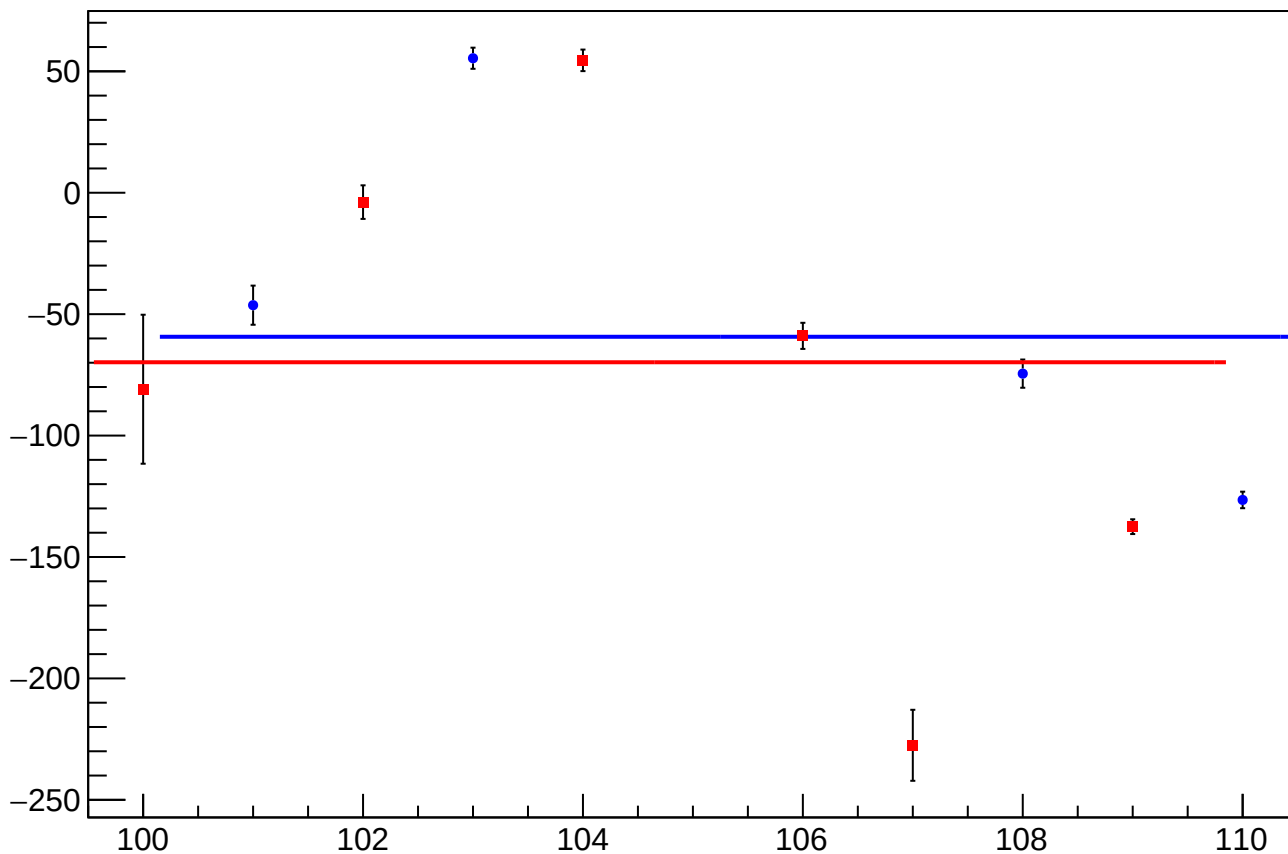
Right: 73.699+/-0.059 χ^2/NDF : 279825.4/9

In: 82.840+/-0.092 χ^2/NDF : 138940.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.699+/-0.059 χ^2/NDF : 279825.4/9

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -59.311+/-2.329 χ^2/NDF : 1094.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -69.805+/-2.131 χ^2/NDF : 1493.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

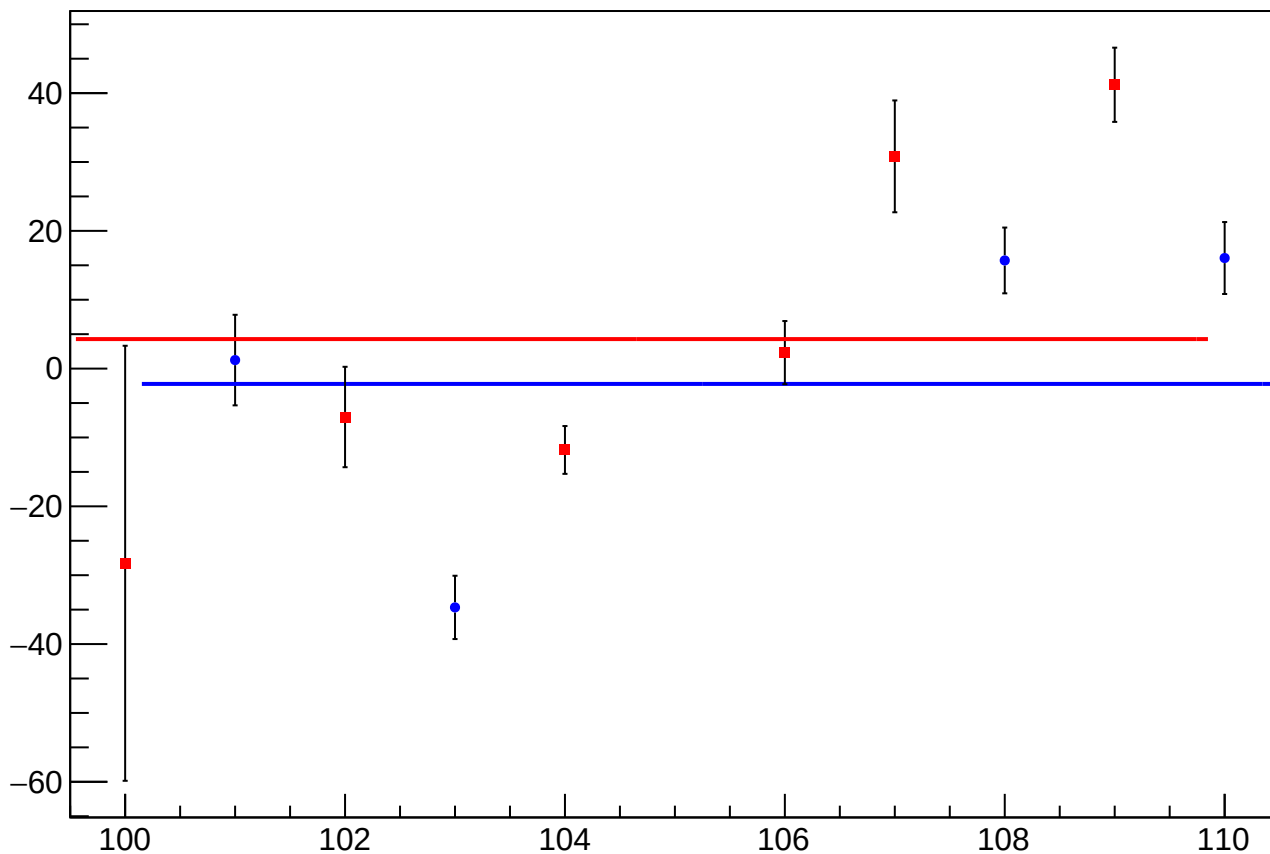
Right: -65.025+/-1.572 χ^2/NDF : 2599.4/9

In: -59.311+/-2.329 χ^2/NDF : 1094.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.025+/-1.572 χ^2/NDF : 2599.4/9

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.225+/-2.574 χ^2/NDF : 76.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.286+/-2.237 χ^2/NDF : 82.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

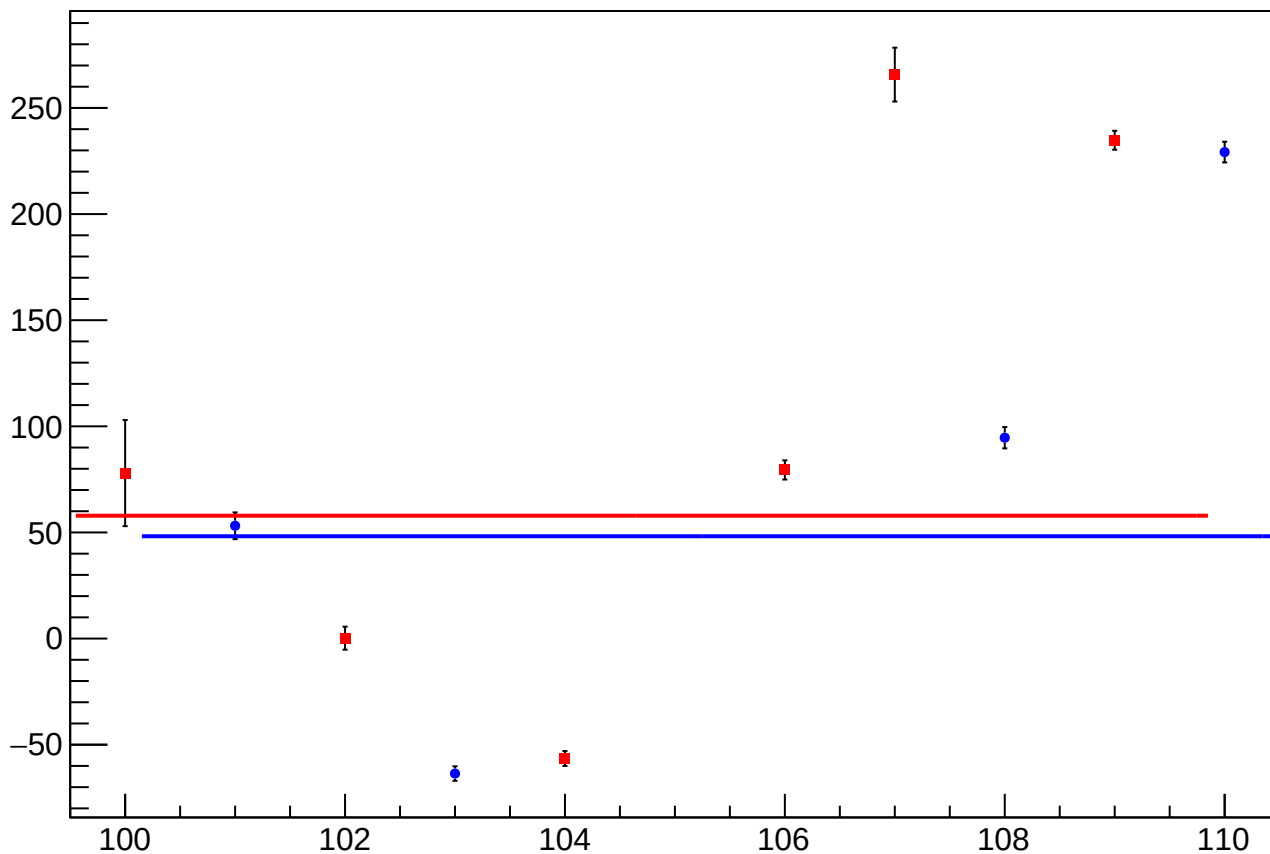
Right: 1.485+/-1.688 χ^2/NDF : 162.9/9

In: -2.225+/-2.574 χ^2/NDF : 76.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.485+/-1.688 χ^2/NDF : 162.9/9

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 48.201+/-2.279 χ^2/NDF : 2534.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.883+/-2.117 χ^2/NDF : 3052.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

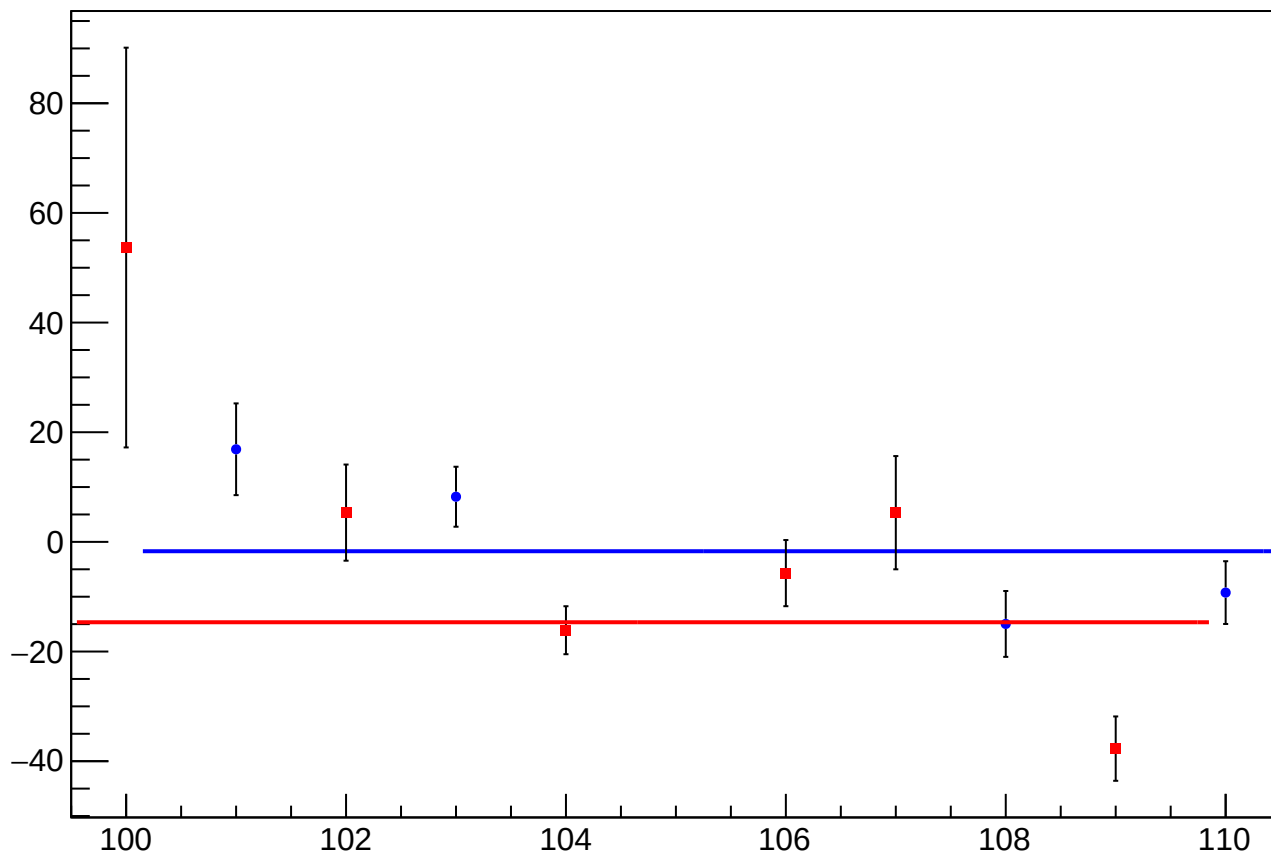
Right: 53.397+/-1.551 χ^2/NDF : 5597.5/9

In: 48.201+/-2.279 χ^2/NDF : 2534.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.397+/-1.551 χ^2/NDF : 5597.5/9

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.704+/-3.072 χ^2/NDF : 14.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.659+/-2.754 χ^2/NDF : 30.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

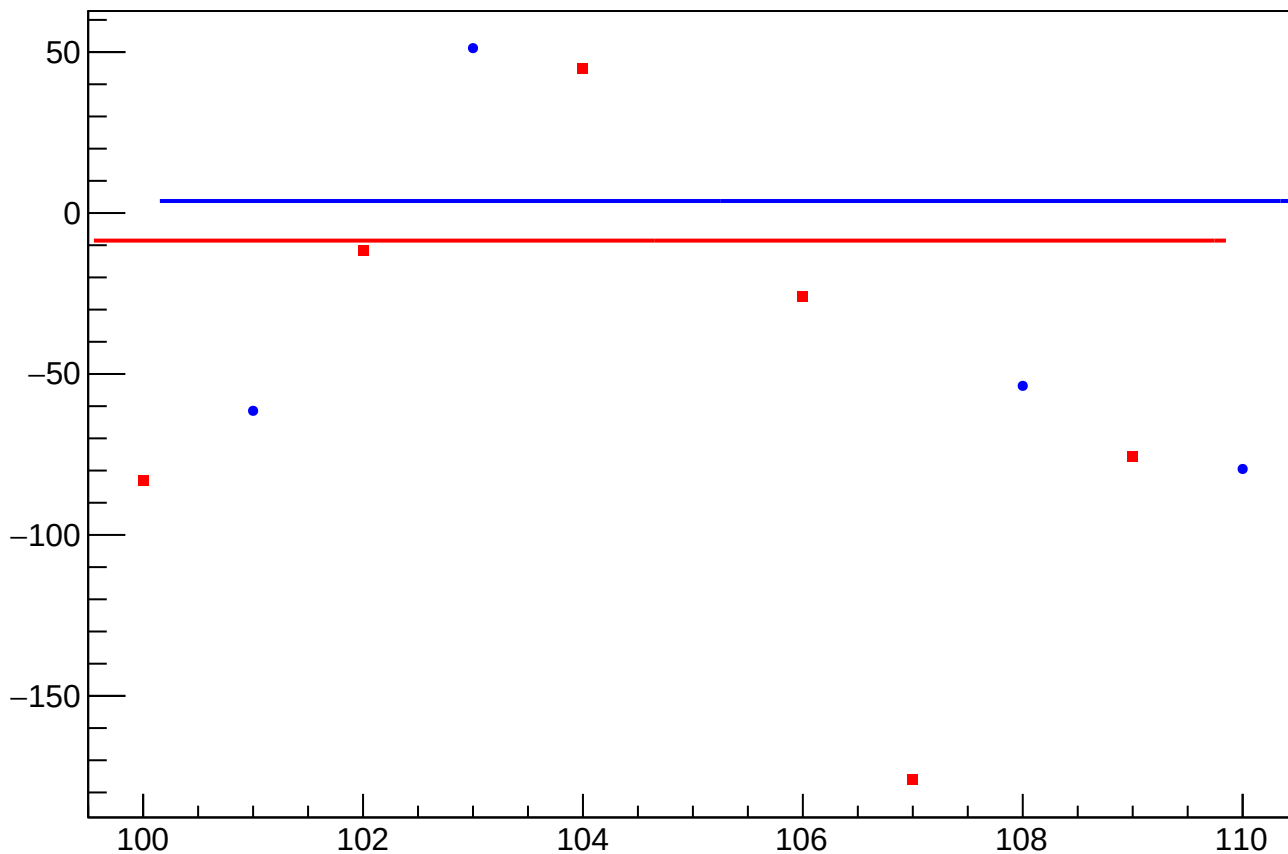
Right: -8.887+/-2.051 χ^2/NDF : 54.9/9

In: -1.704+/-3.072 χ^2/NDF : 14.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.887+/-2.051 χ^2/NDF : 54.9/9

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 3.735+/-0.107 χ^2/NDF : 262917.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.562+/-0.103 χ^2/NDF : 268743.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

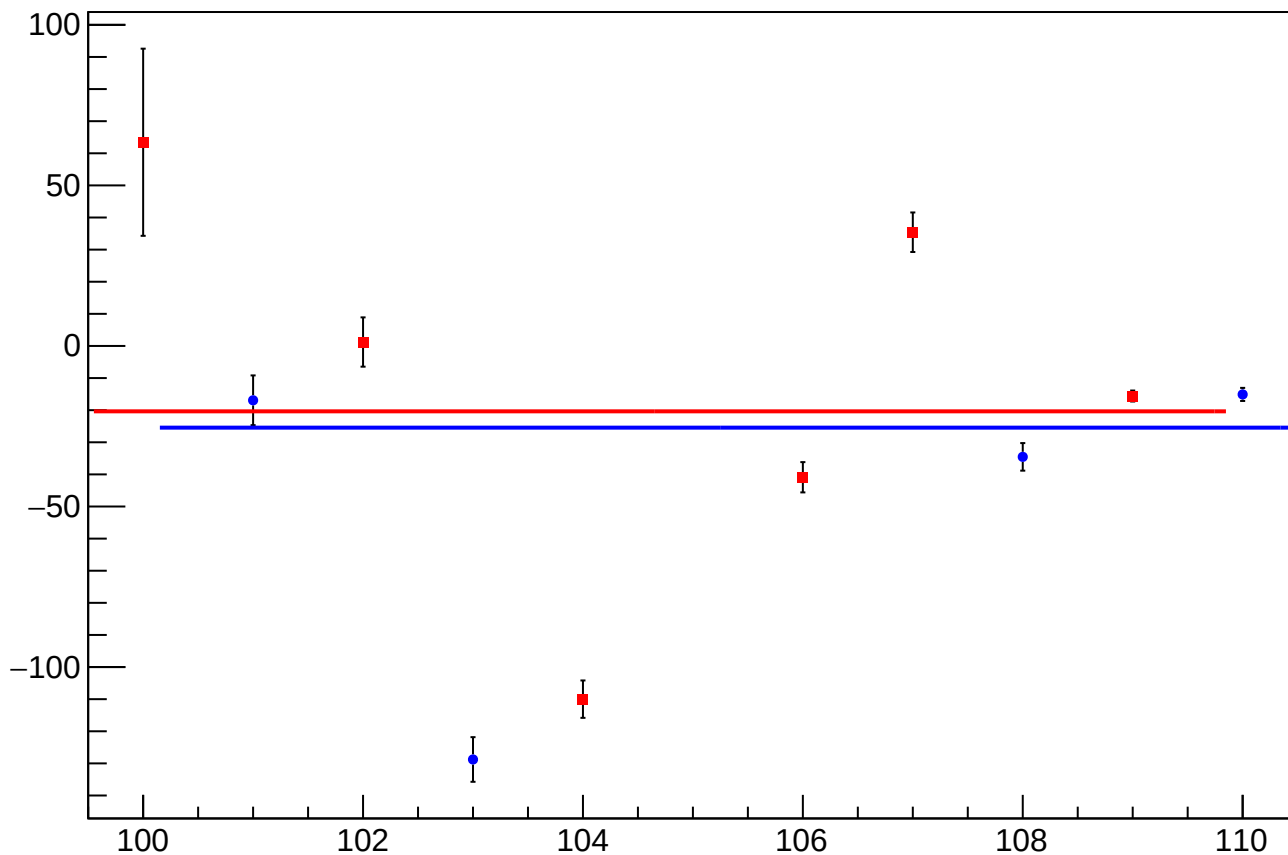
Right: -2.672+/-0.074 χ^2/NDF : 538480.9/9

In: 3.735+/-0.107 χ^2/NDF : 262917.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.672+/-0.074 χ^2/NDF : 538480.9/9

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.440+/-1.735 χ^2/NDF : 252.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.361+/-1.472 χ^2/NDF : 362.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

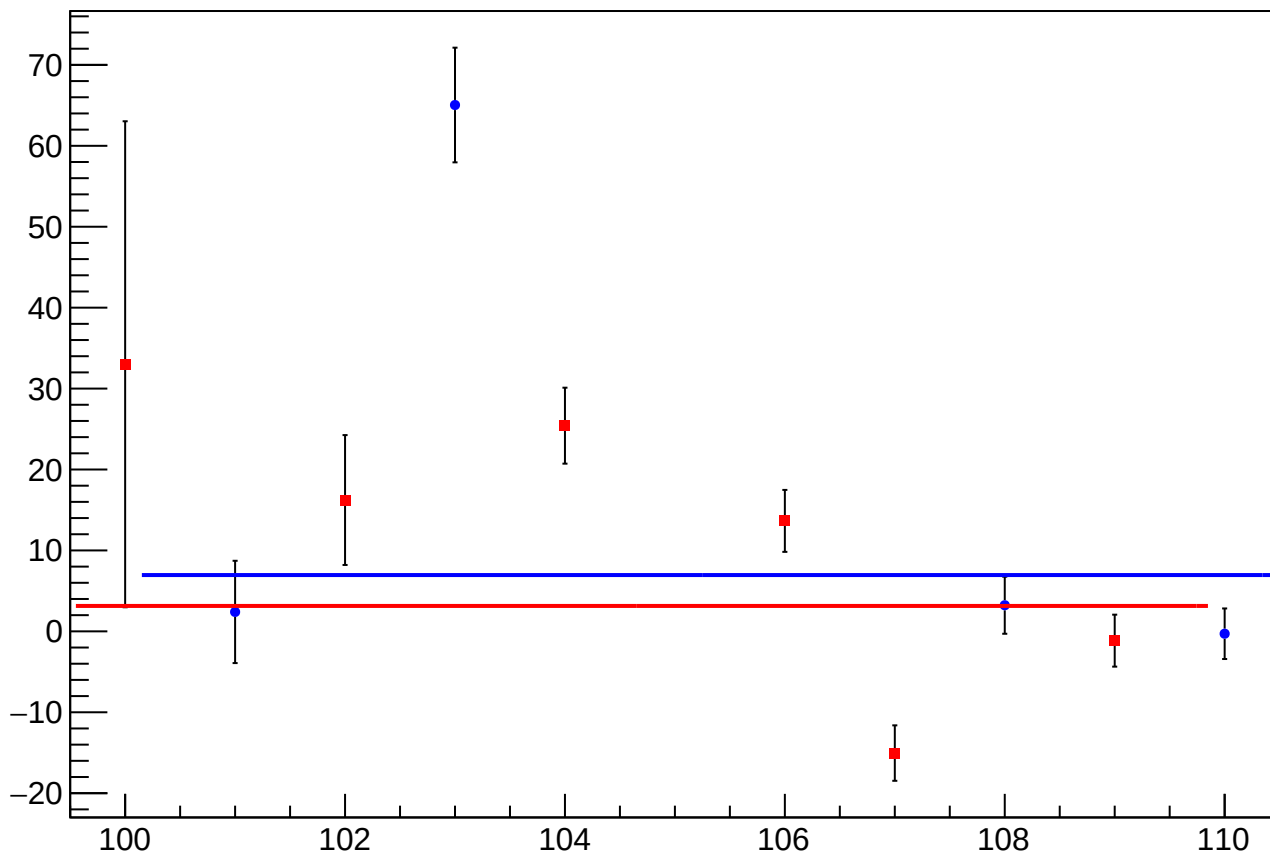
Right: -22.488+/-1.123 χ^2/NDF : 619.5/9

In: -25.440+/-1.735 χ^2/NDF : 252.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.488+/-1.123 χ^2/NDF : 619.5/9

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.957+/-2.095 χ^2/NDF : 74.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.141+/-1.789 χ^2/NDF : 63.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

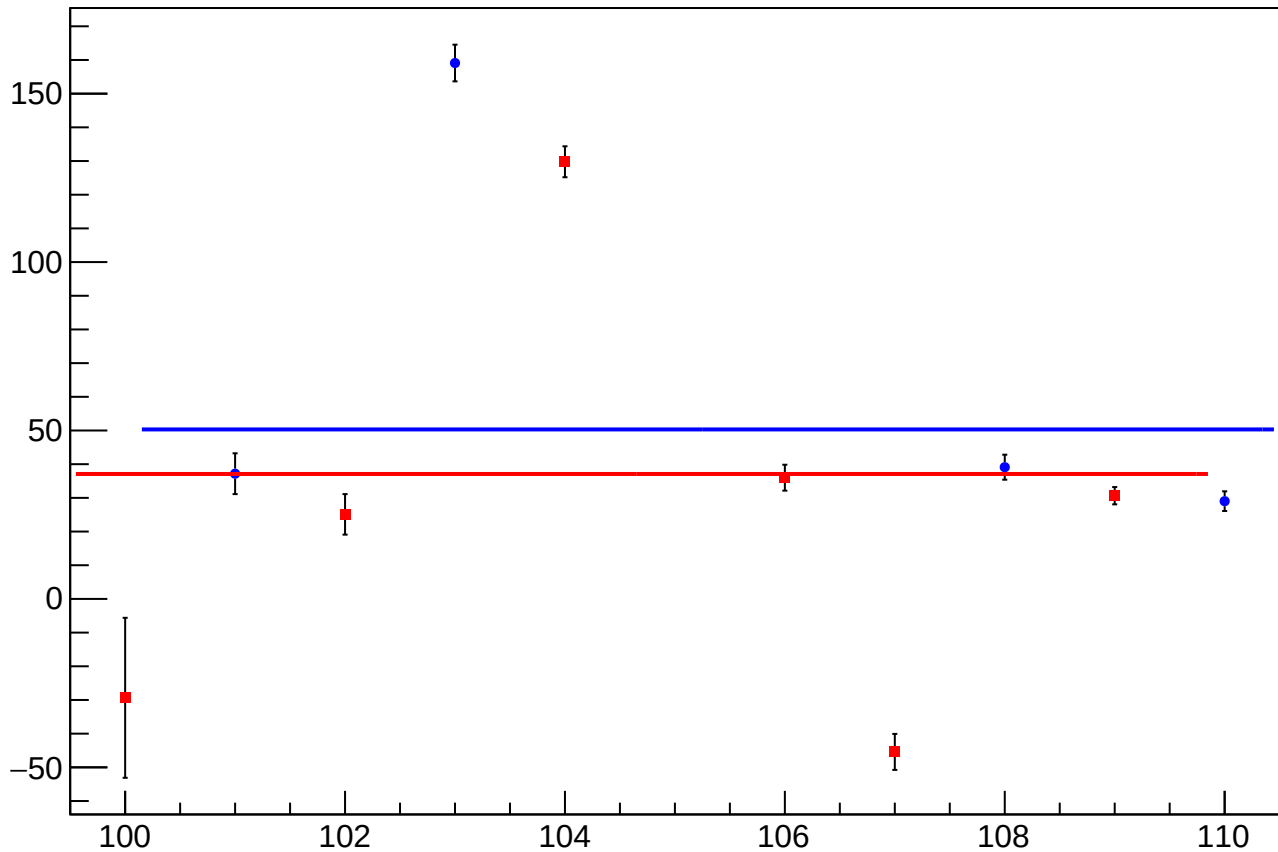
Right: 4.750+/-1.360 χ^2/NDF : 139.8/9

In: 6.957+/-2.095 χ^2/NDF : 74.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.750+/-1.360 χ^2/NDF : 139.8/9

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.317+/-1.997 χ^2/NDF : 465.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.093+/-1.738 χ^2/NDF : 664.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

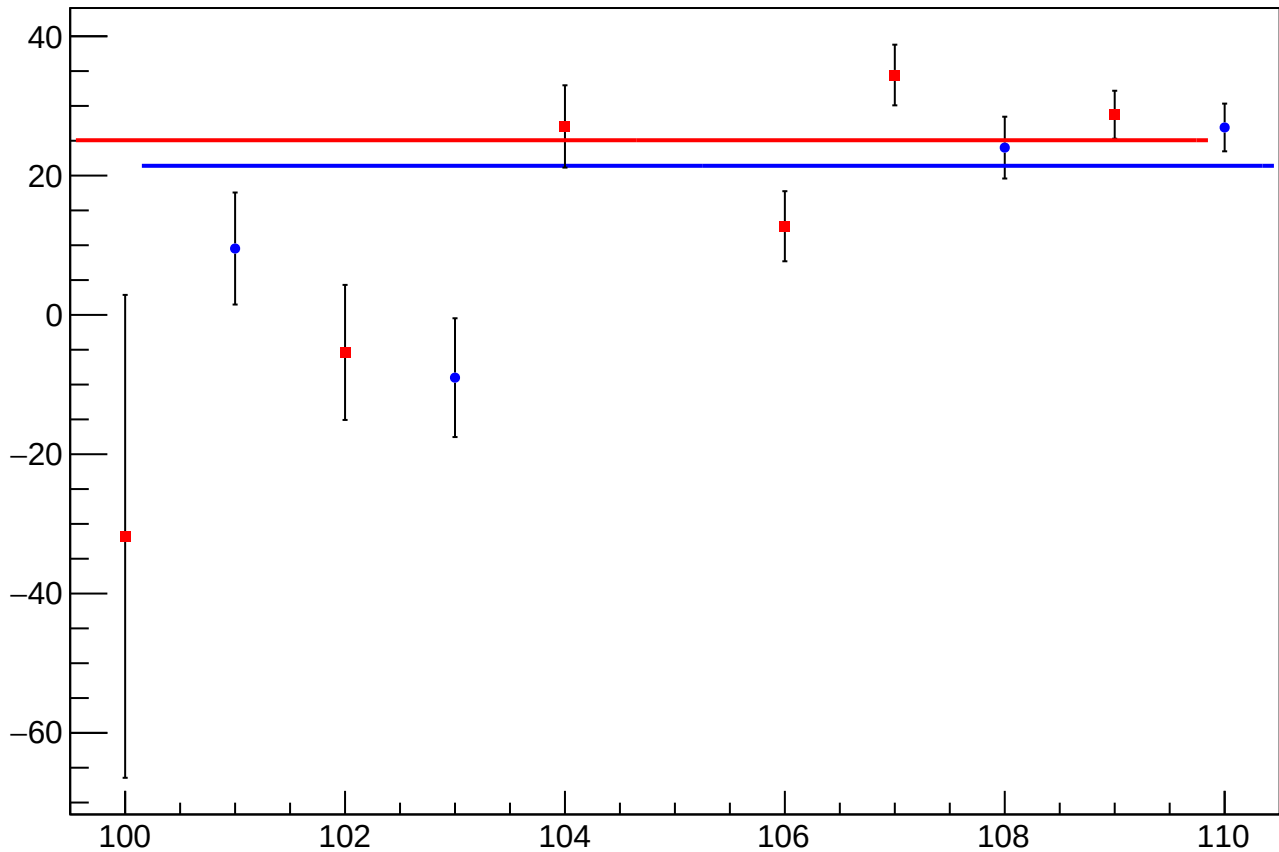
Right: 42.792+/-1.311 χ^2/NDF : 1154.8/9

In: 50.317+/-1.997 χ^2/NDF : 465.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.792+/-1.311 χ^2/NDF : 1154.8/9

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.404 $\pm$ 2.459 χ^2 /NDF: 17.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.073 $\pm$ 2.148 χ^2 /NDF: 24.5/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

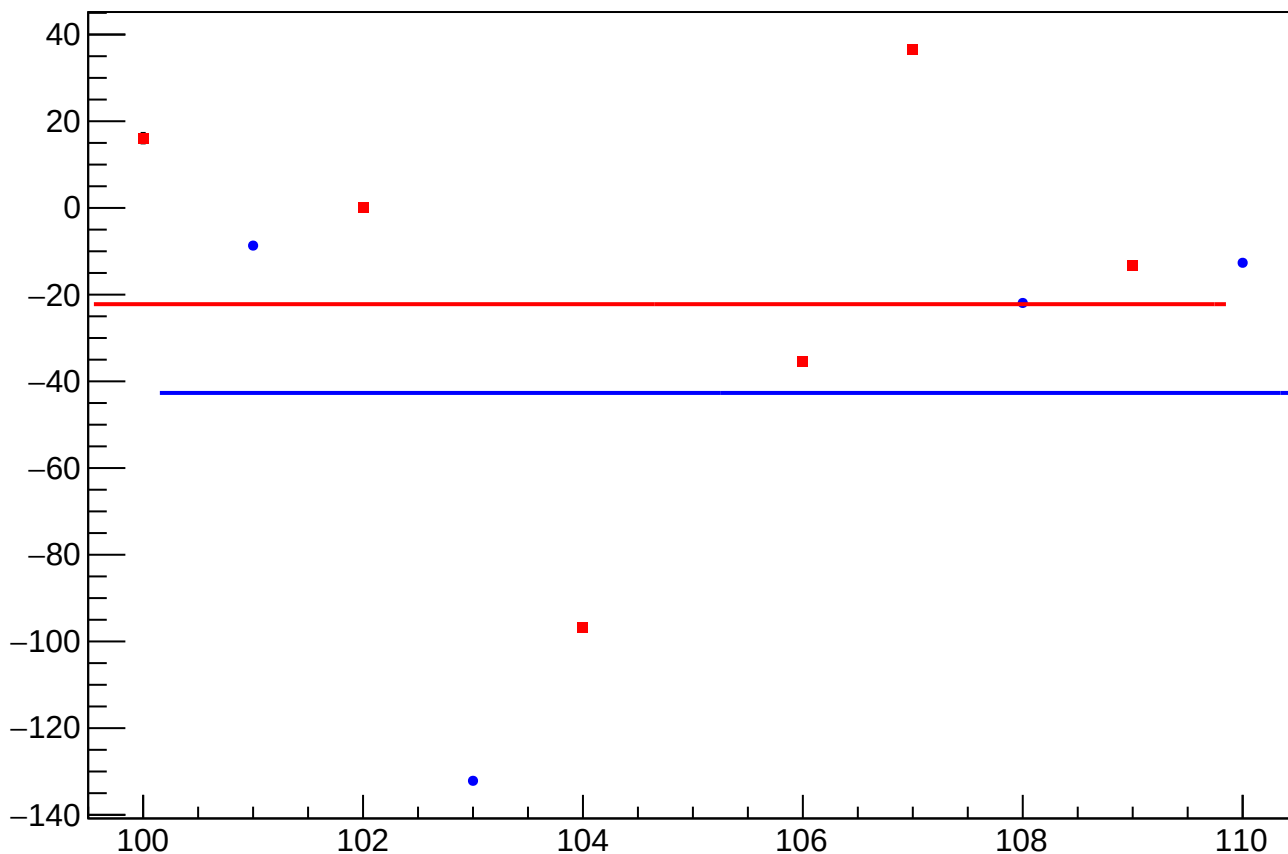
Right: 23.485 $\pm$ 1.618 χ^2 /NDF: 43.5/9

In: 21.404 $\pm$ 2.459 χ^2 /NDF: 17.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.485 $\pm$ 1.618 χ^2 /NDF: 43.5/9

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -42.673 ± 0.107 χ^2/NDF : 193484.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.200 ± 0.093 χ^2/NDF : 200211.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

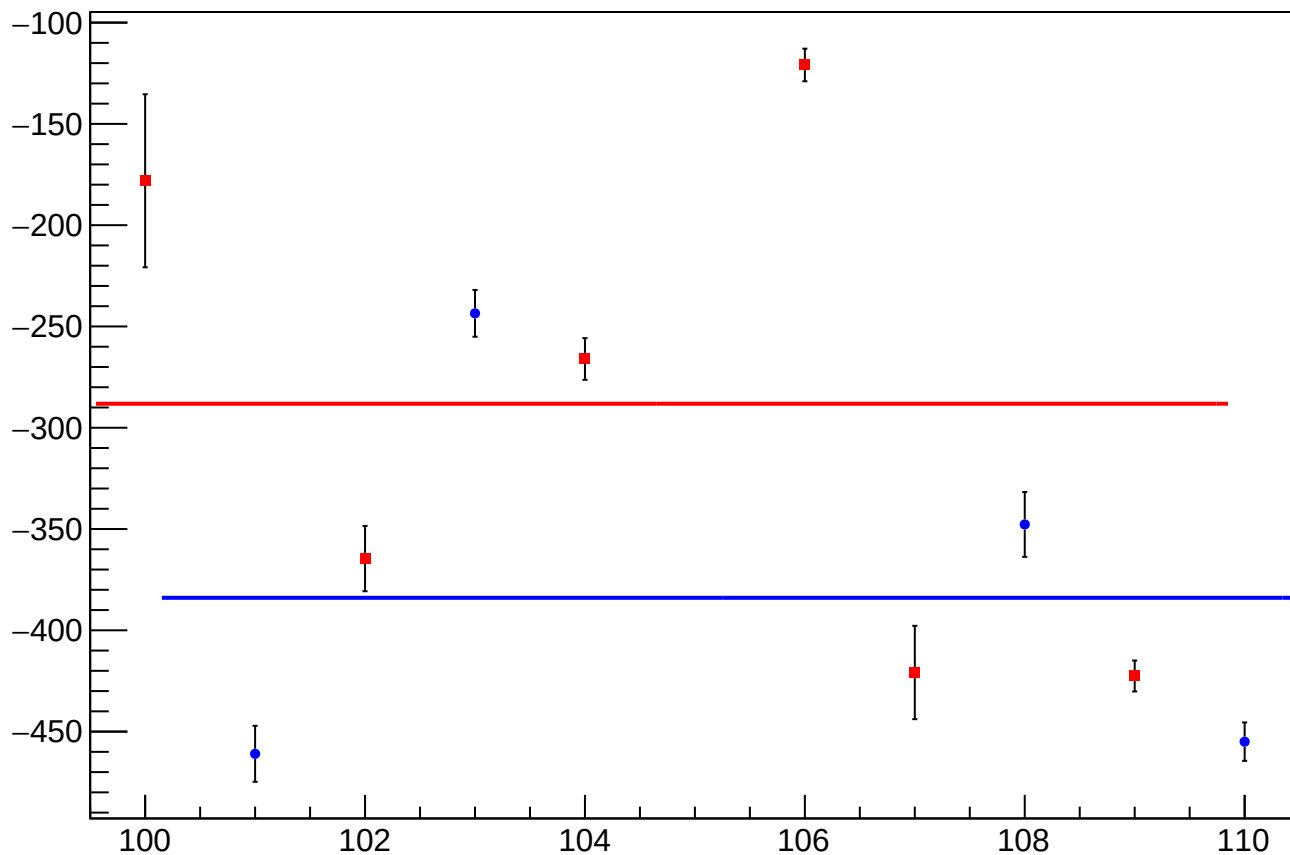
Right: -31.027 ± 0.070 χ^2/NDF : 414498.1/9

In: -42.673 ± 0.107 χ^2/NDF : 193484.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.027 ± 0.070 χ^2/NDF : 414498.1/9

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -383.948+/-6.000 χ^2/NDF : 240.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -288.145+/-4.550 χ^2/NDF : 808.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

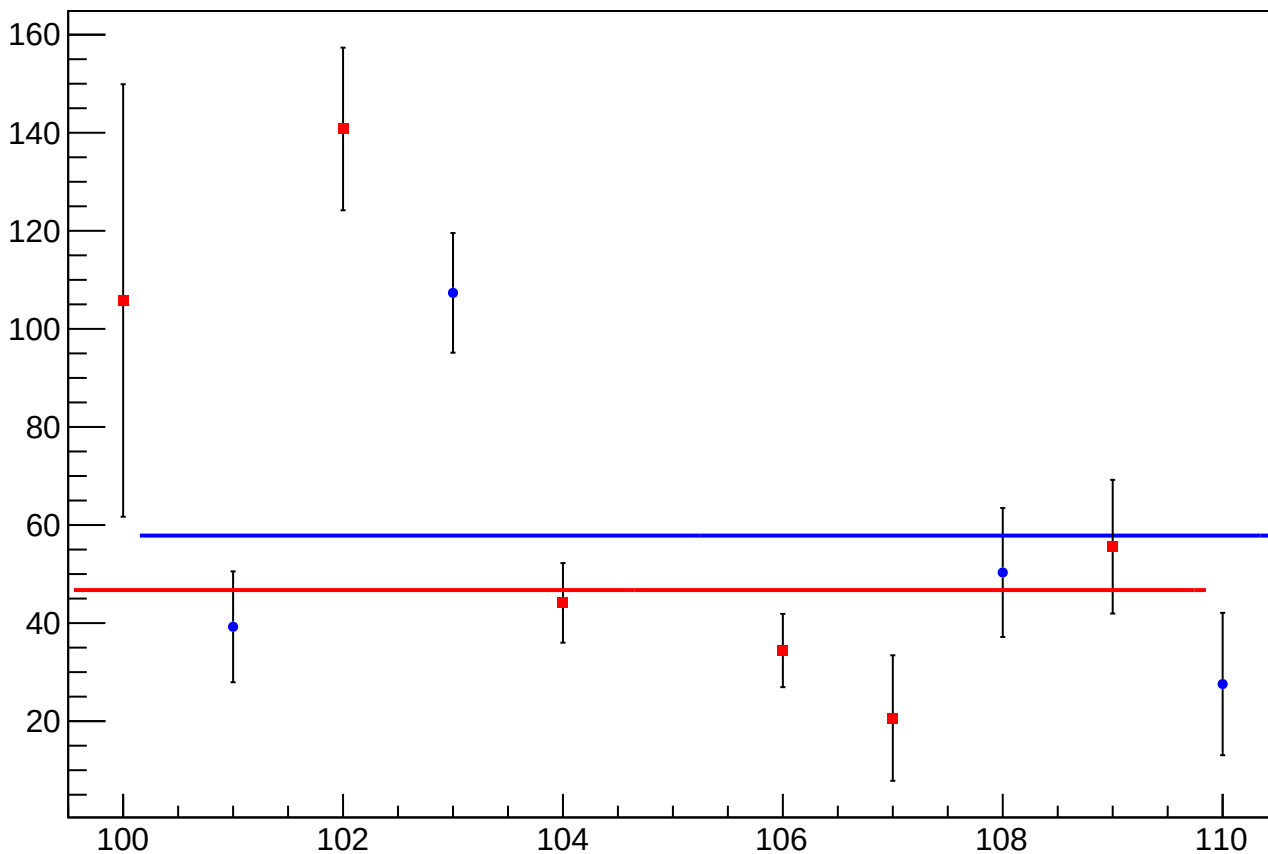
Right: -323.119+/-3.625 χ^2/NDF : 1210.5/9

In: -383.948+/-6.000 χ^2/NDF : 240.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.119+/-3.625 χ^2/NDF : 1210.5/9

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 57.845+/-6.317 χ^2/NDF : 23.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.735+/-4.529 χ^2/NDF : 41.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

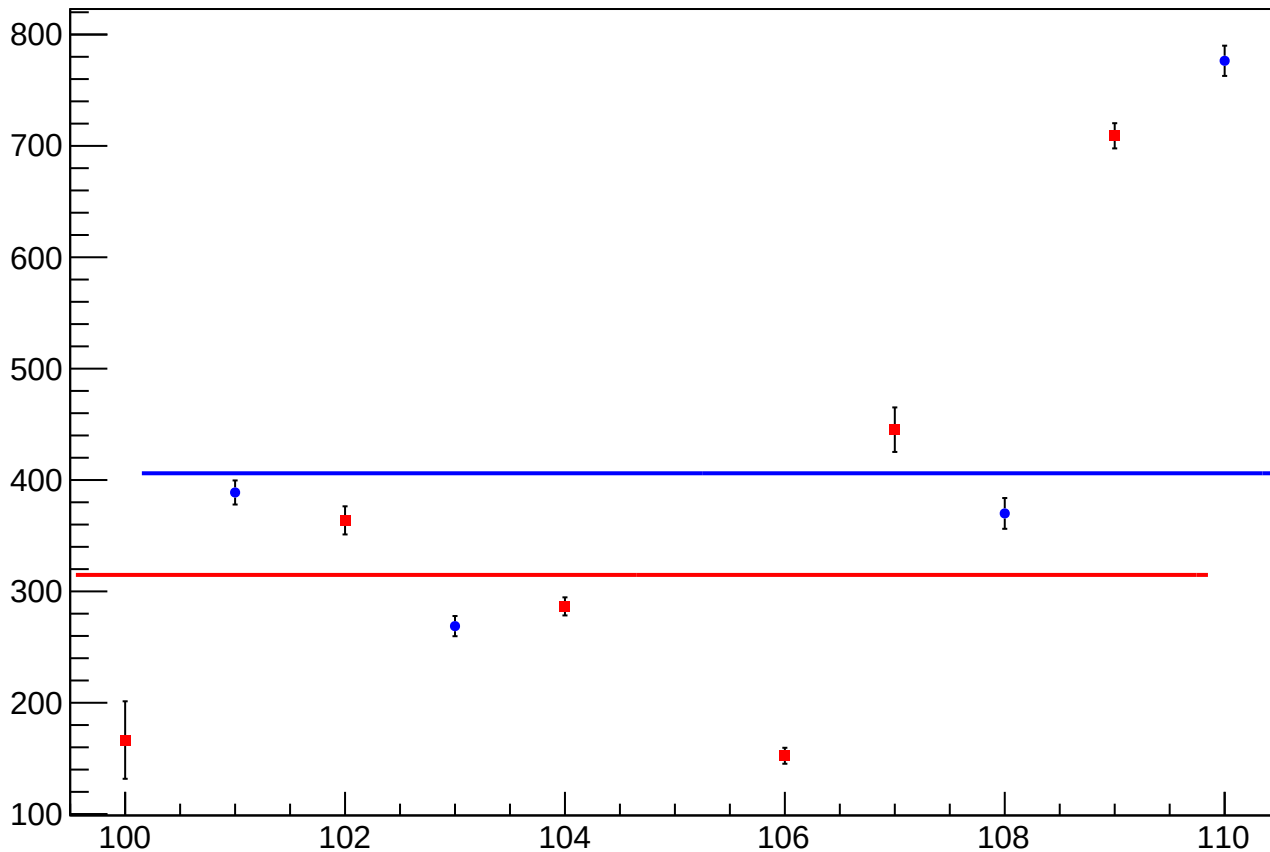
Right: 50.508+/-3.681 χ^2/NDF : 67.2/9

In: 57.845+/-6.317 χ^2/NDF : 23.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.508+/-3.681 χ^2/NDF : 67.2/9

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 406.051+/-5.645 χ^2/NDF : 982.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 314.797+/-4.383 χ^2/NDF : 1815.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

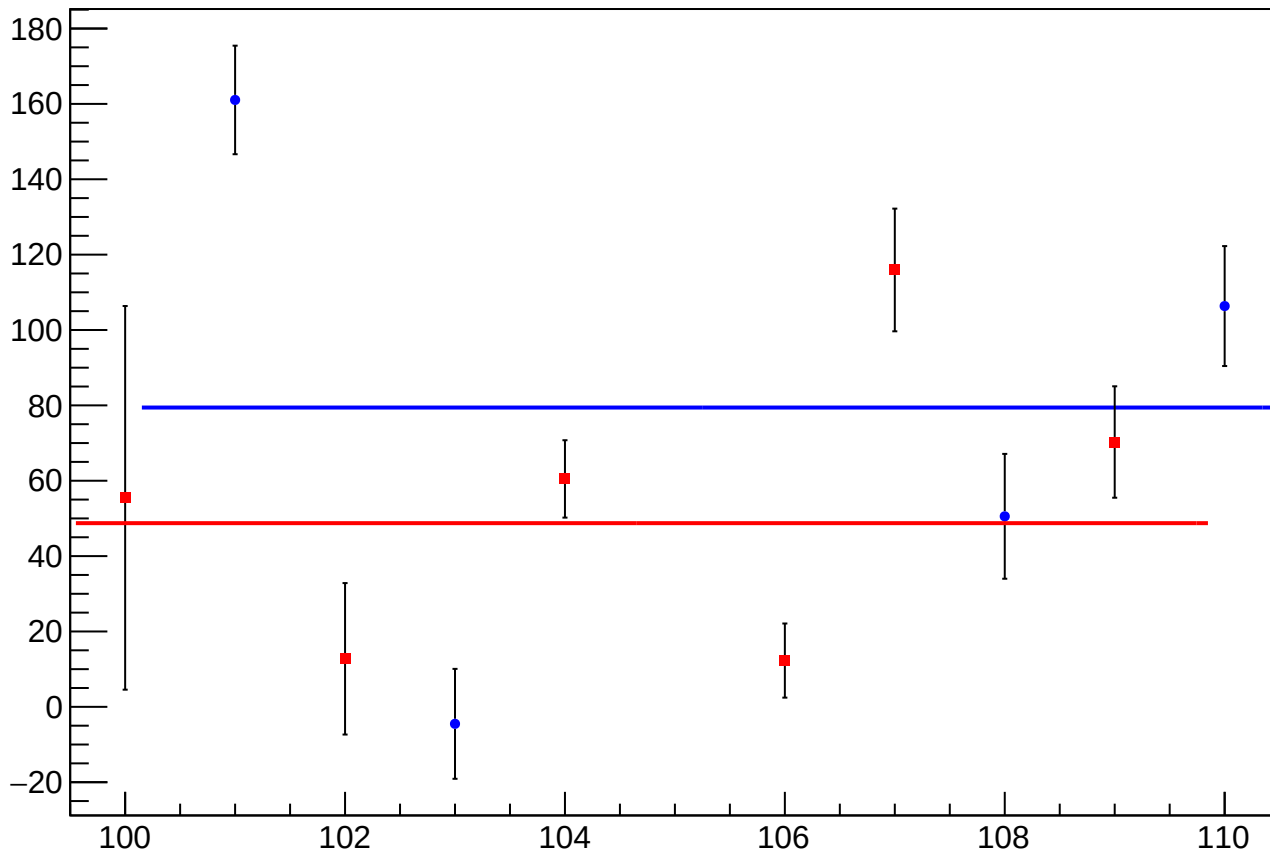
Right: 349.123+/-3.462 χ^2/NDF : 2960.5/9

In: 406.051+/-5.645 χ^2/NDF : 982.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.123+/-3.462 χ^2/NDF : 2960.5/9

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 79.426 $\pm$ 7.644 χ^2 /NDF: 71.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.744 $\pm$ 5.677 χ^2 /NDF: 37.4/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

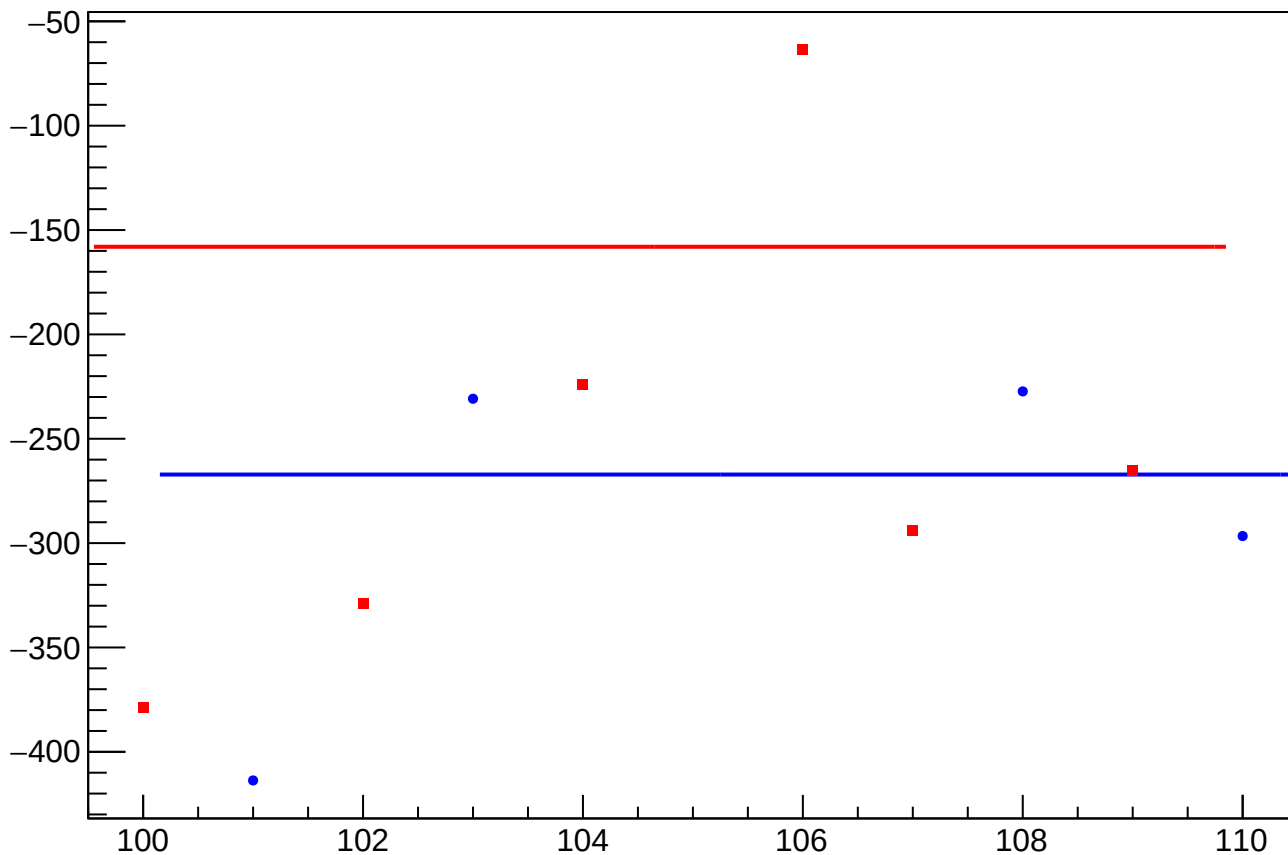
Right: 59.651 $\pm$ 4.558 χ^2 /NDF: 119.0/9

In: 79.426 $\pm$ 7.644 χ^2 /NDF: 71.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.651 $\pm$ 4.558 χ^2 /NDF: 119.0/9

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -267.146+/-0.275 χ^2/NDF : 66254.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -158.017+/-0.187 χ^2/NDF : 324106.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

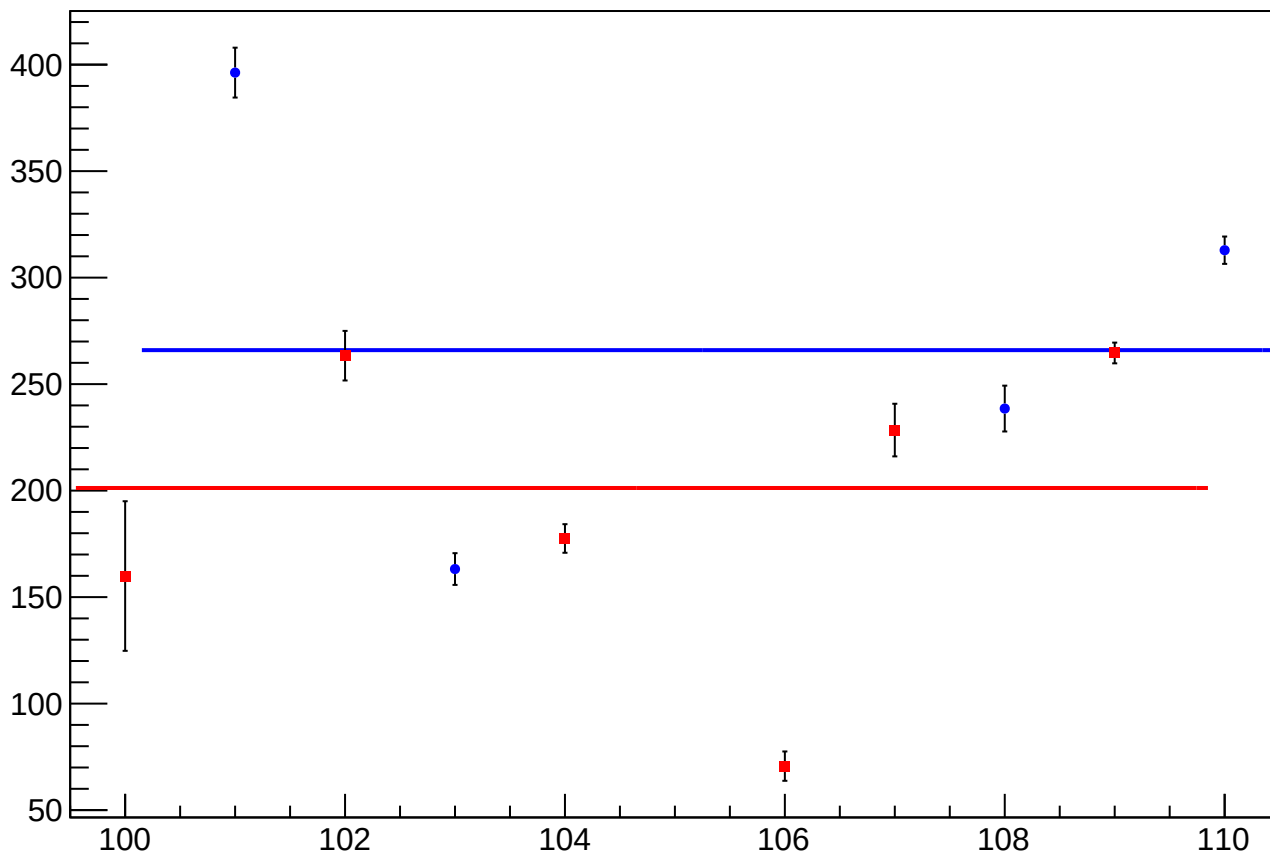
Right: -192.548+/-0.155 χ^2/NDF : 497817.8/9

In: -267.146+/-0.275 χ^2/NDF : 66254.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -192.548+/-0.155 χ^2/NDF : 497817.8/9

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 265.957 $\pm$ 4.144 χ^2 /NDF: 374.1/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 201.235 $\pm$ 3.159 χ^2 /NDF: 576.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

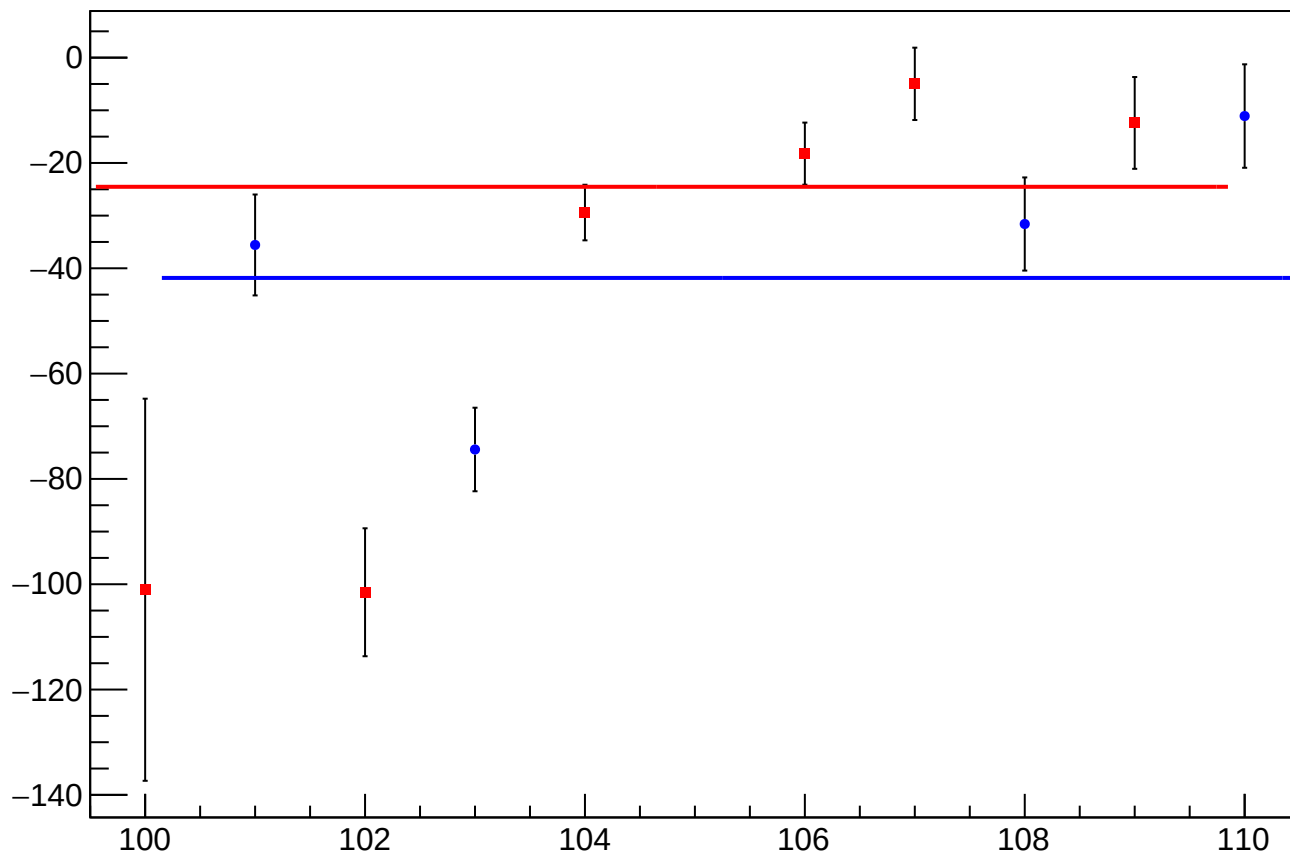
Right: 225.018 $\pm$ 2.512 χ^2 /NDF: 1104.6/9

In: 265.957 $\pm$ 4.144 χ^2 /NDF:374.1/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 225.018 $\pm$ 2.512 χ^2 /NDF: 1104.6/9

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.832 ± 4.475 χ^2/NDF : 28.4/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.525 ± 3.063 χ^2/NDF : 56.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

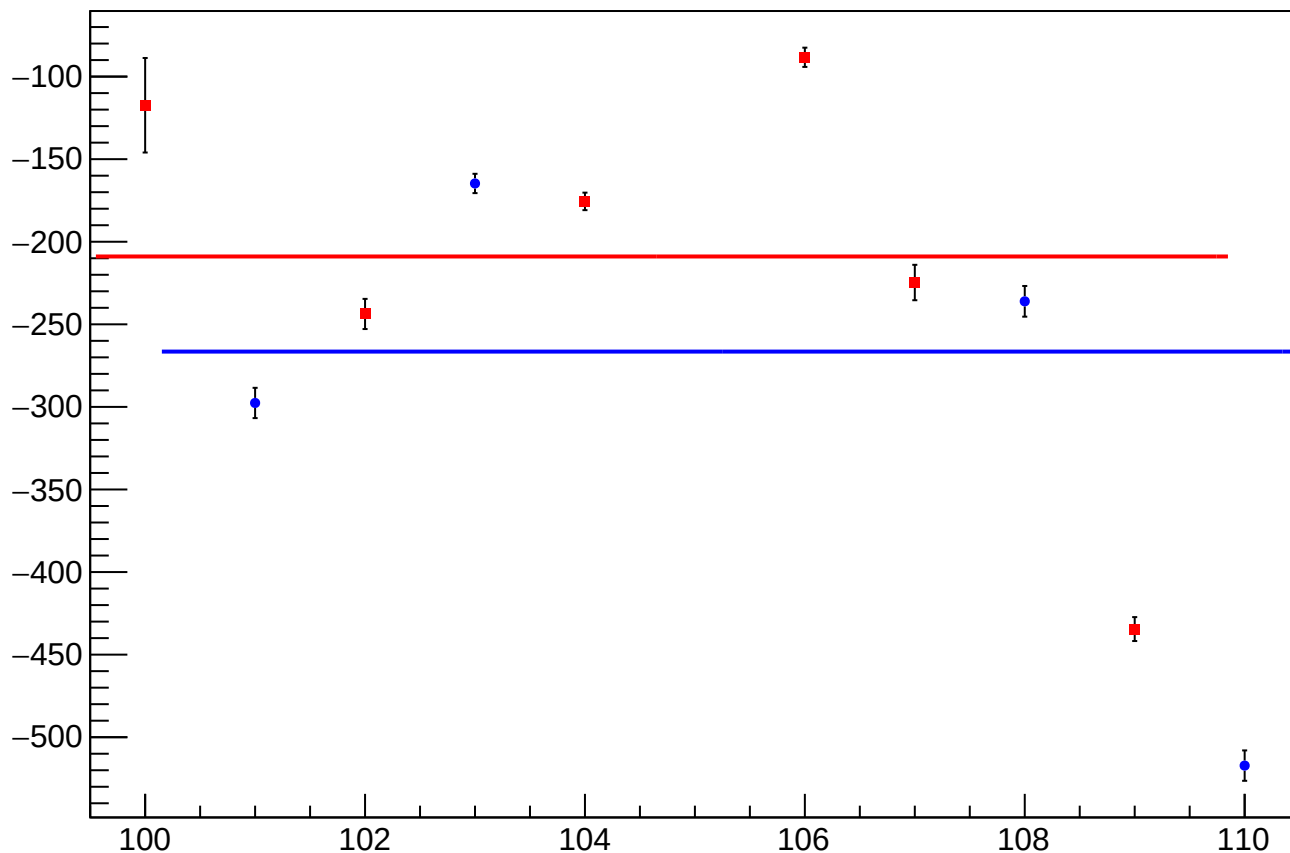
Right: -30.047 ± 2.528 χ^2/NDF : 95.3/9

In: -41.832 ± 4.475 χ^2/NDF : 28.4/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.047 ± 2.528 χ^2/NDF : 95.3/9

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -266.508 ± 3.935 $\chi^2/\text{NDF}: 1068.0/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -208.923 ± 3.070 $\chi^2/\text{NDF}: 1464.8/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

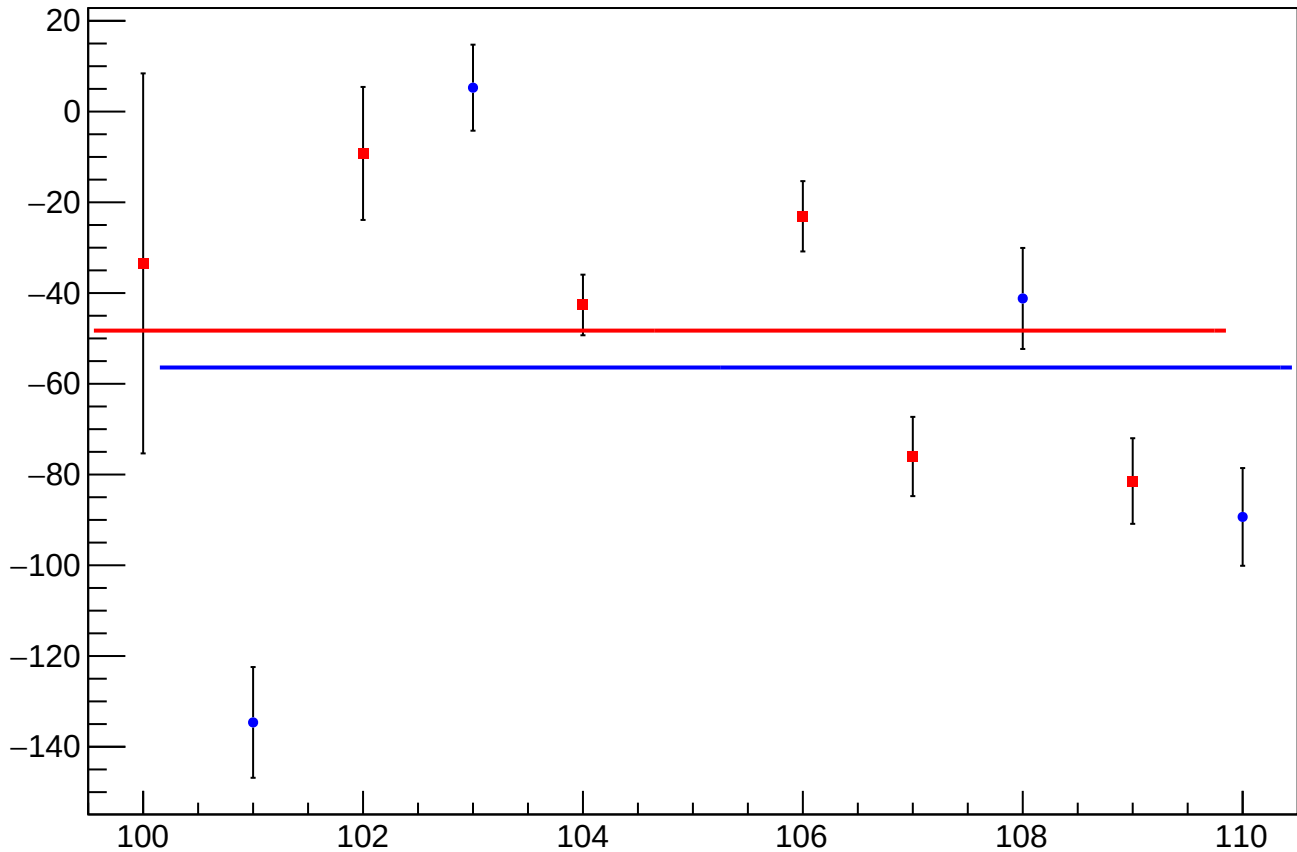
Right: -230.709 ± 2.421 $\chi^2/\text{NDF}: 2665.9/9$

In: -266.508 ± 3.935 $\chi^2/\text{NDF}: 1068.0/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -230.709 ± 2.421 $\chi^2/\text{NDF}: 2665.9/9$

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -56.407 $\pm$ 5.382 χ^2 /NDF: 94.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -48.275 $\pm$ 3.817 χ^2 /NDF: 41.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

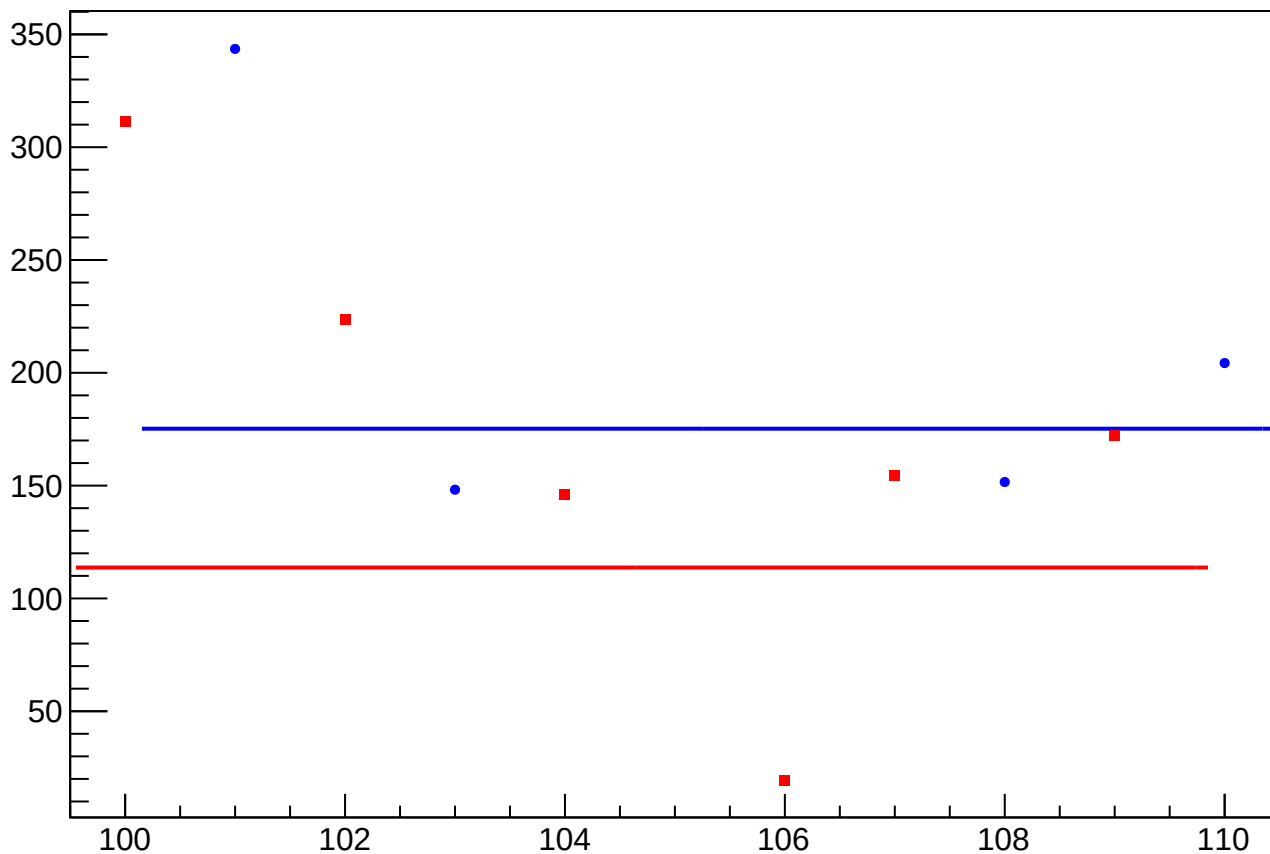
Right: -50.997 $\pm$ 3.114 χ^2 /NDF: 137.1/9

In: -56.407 $\pm$ 5.382 χ^2 /NDF: 94.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -50.997 $\pm$ 3.114 χ^2 /NDF: 137.1/9

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 175.230+/-0.187 χ^2/NDF : 112060.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.695+/-0.142 χ^2/NDF : 299378.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

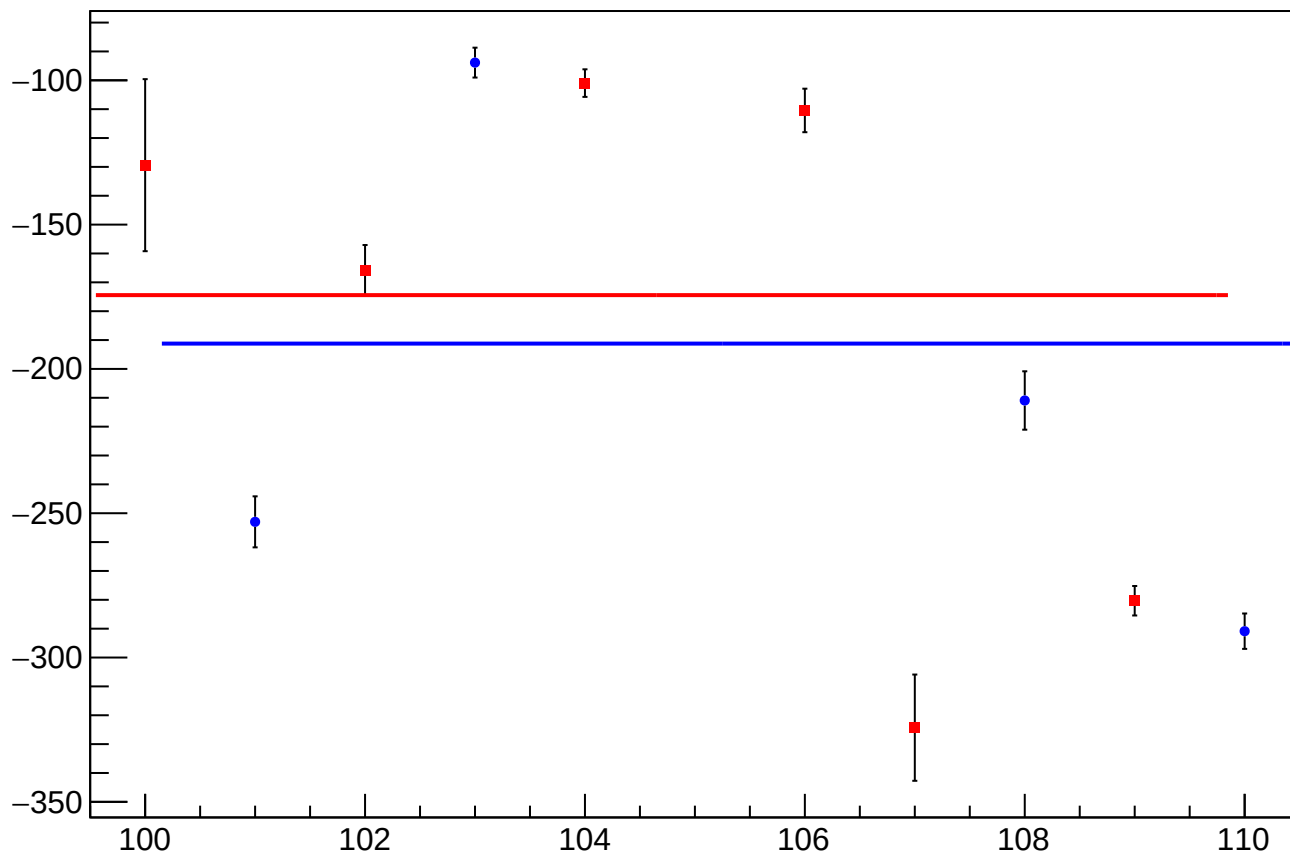
Right: 136.127+/-0.113 χ^2/NDF : 480132.0/9

In: 175.230+/-0.187 χ^2/NDF : 112060.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.127+/-0.113 χ^2/NDF : 480132.0/9

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -191.225+/-3.400 χ^2/NDF : 670.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.430+/-2.928 χ^2/NDF : 808.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

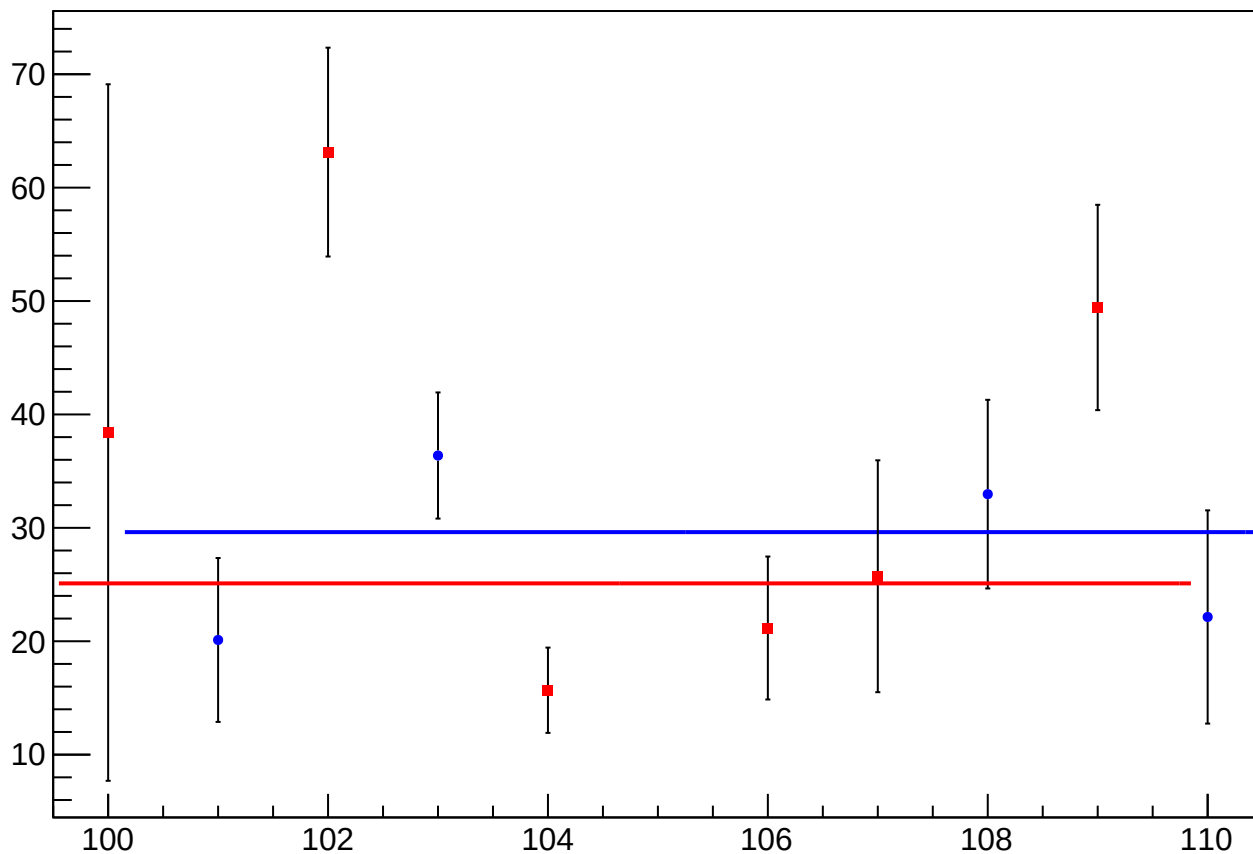
Right: -181.581+/-2.219 χ^2/NDF : 1492.5/9

In: -191.225+/-3.400 χ^2/NDF : 670.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.581+/-2.219 χ^2/NDF : 1492.5/9

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 29.623+/-3.598 χ^2/NDF : 4.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.103+/-2.768 χ^2/NDF : 31.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

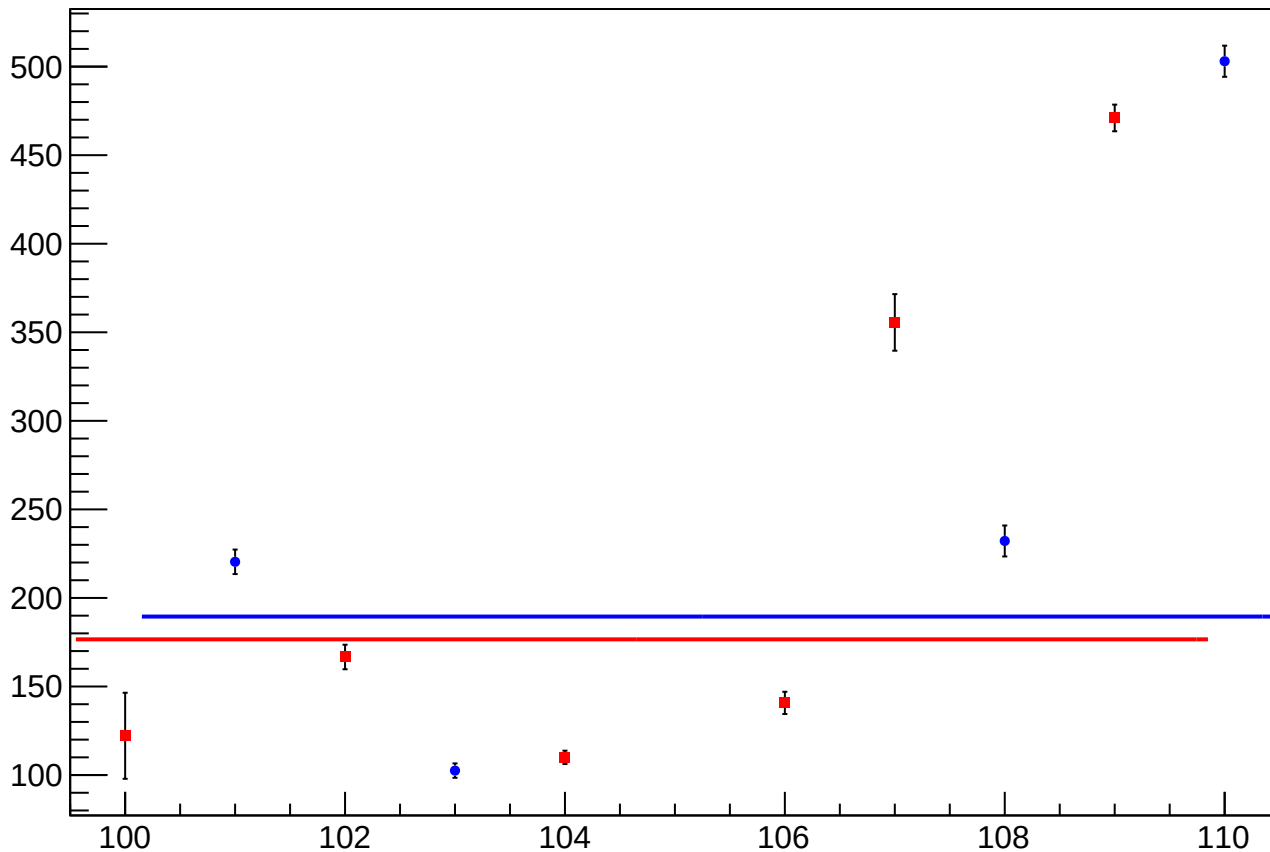
Right: 26.784+/-2.194 χ^2/NDF : 36.1/9

In: 29.623+/-3.598 χ^2/NDF : 4.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.784+/-2.194 χ^2/NDF : 36.1/9

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 189.495+/-3.051 χ^2/NDF : 1774.2/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 176.620+/-2.674 χ^2/NDF : 2008.7/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

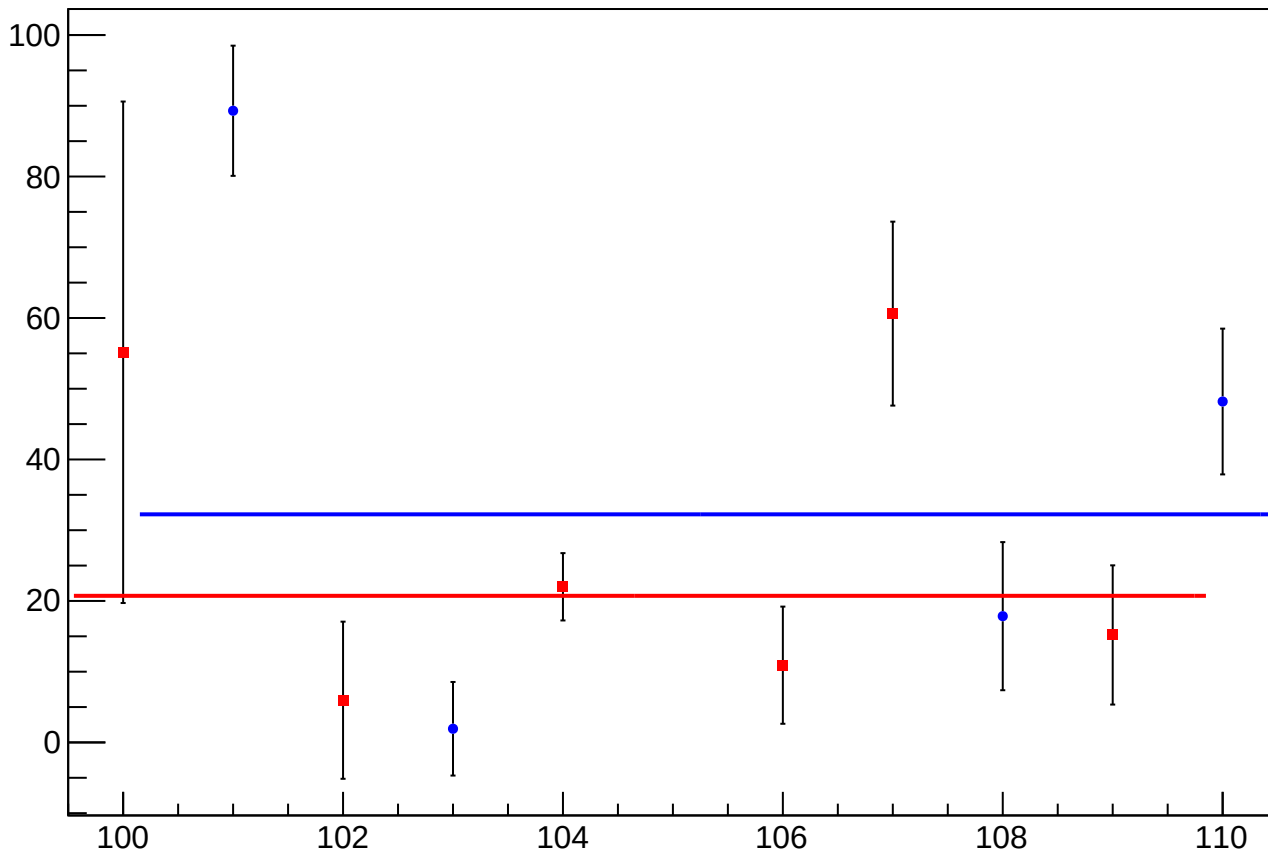
Right: 182.214+/-2.011 χ^2/NDF : 3793.0/9

In: 189.495+/-3.051 χ^2/NDF :1774.2/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 182.214+/-2.011 χ^2/NDF : 3793.0/9

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 32.244+/-4.335 χ^2/NDF : 63.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.725+/-3.453 χ^2/NDF : 13.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

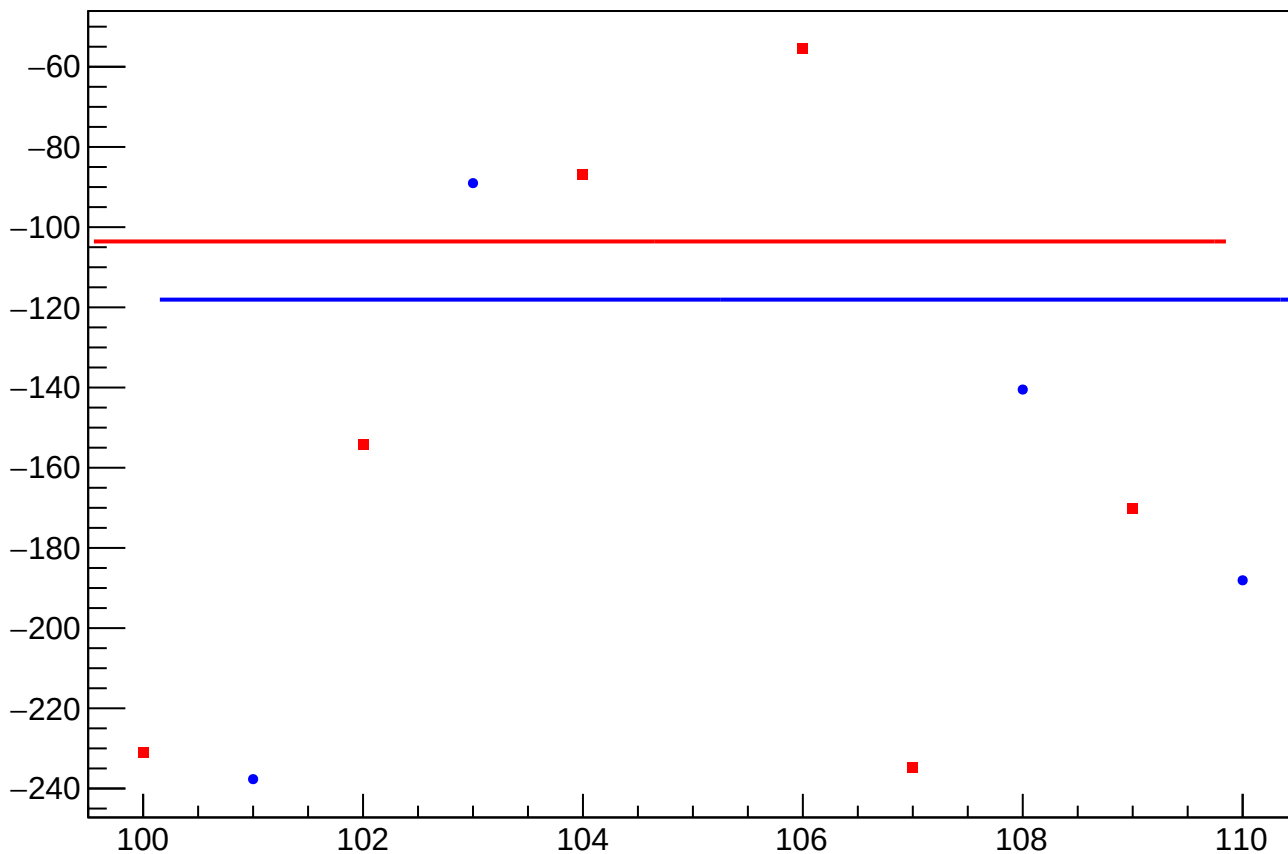
Right: 25.196+/-2.701 χ^2/NDF : 82.0/9

In: 32.244+/-4.335 χ^2/NDF : 63.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.196+/-2.701 χ^2/NDF : 82.0/9

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -118.074+/-0.141 χ^2 /NDF: 126687.3/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -103.566+/-0.125 χ^2 /NDF: 140063.8/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

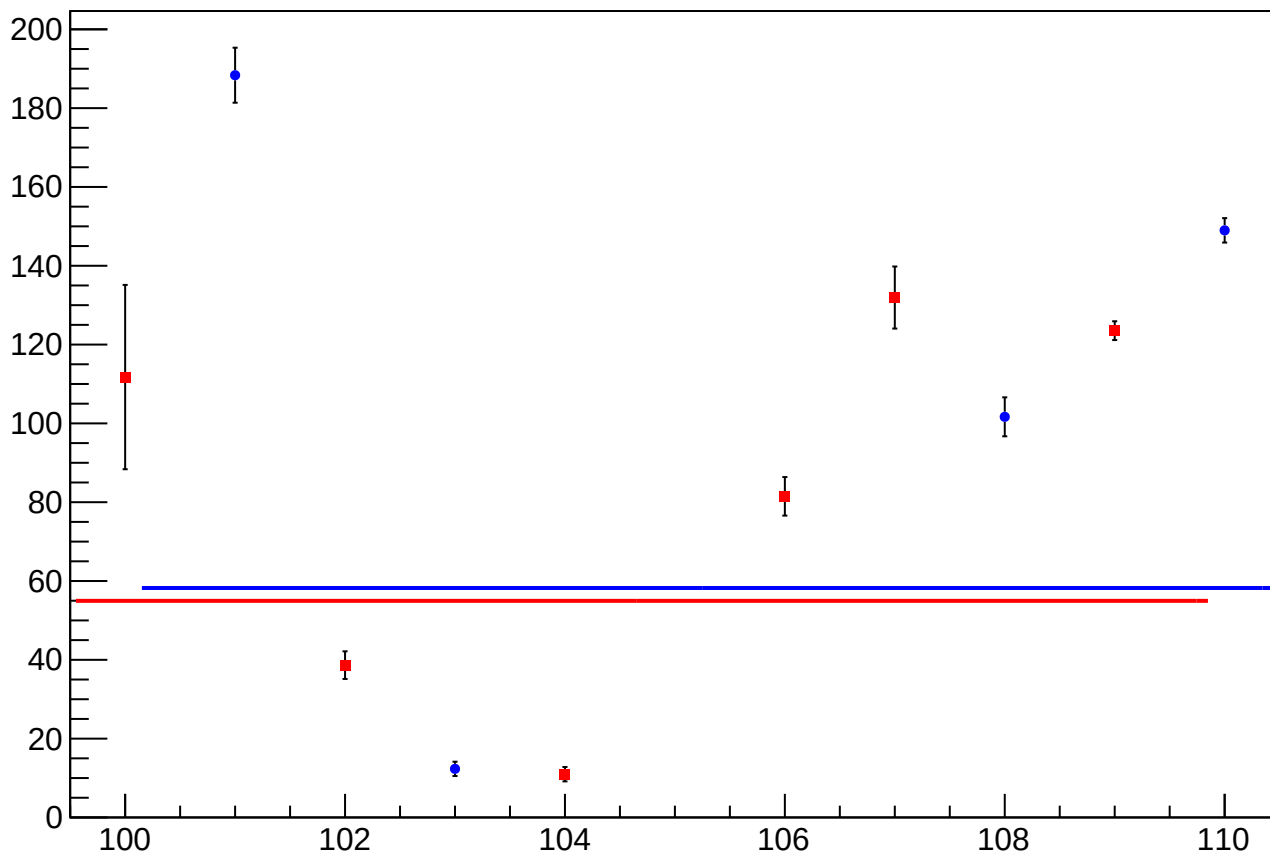
Right: -109.979+/-0.094 χ^2 /NDF: 272661.2/9

In: -118.074+/-0.141 χ^2 /NDF:126687.3/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -109.979+/-0.094 χ^2 /NDF: 272661.2/9

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 58.231+/-1.461 χ^2/NDF : 1920.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.969+/-1.274 χ^2/NDF : 1558.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

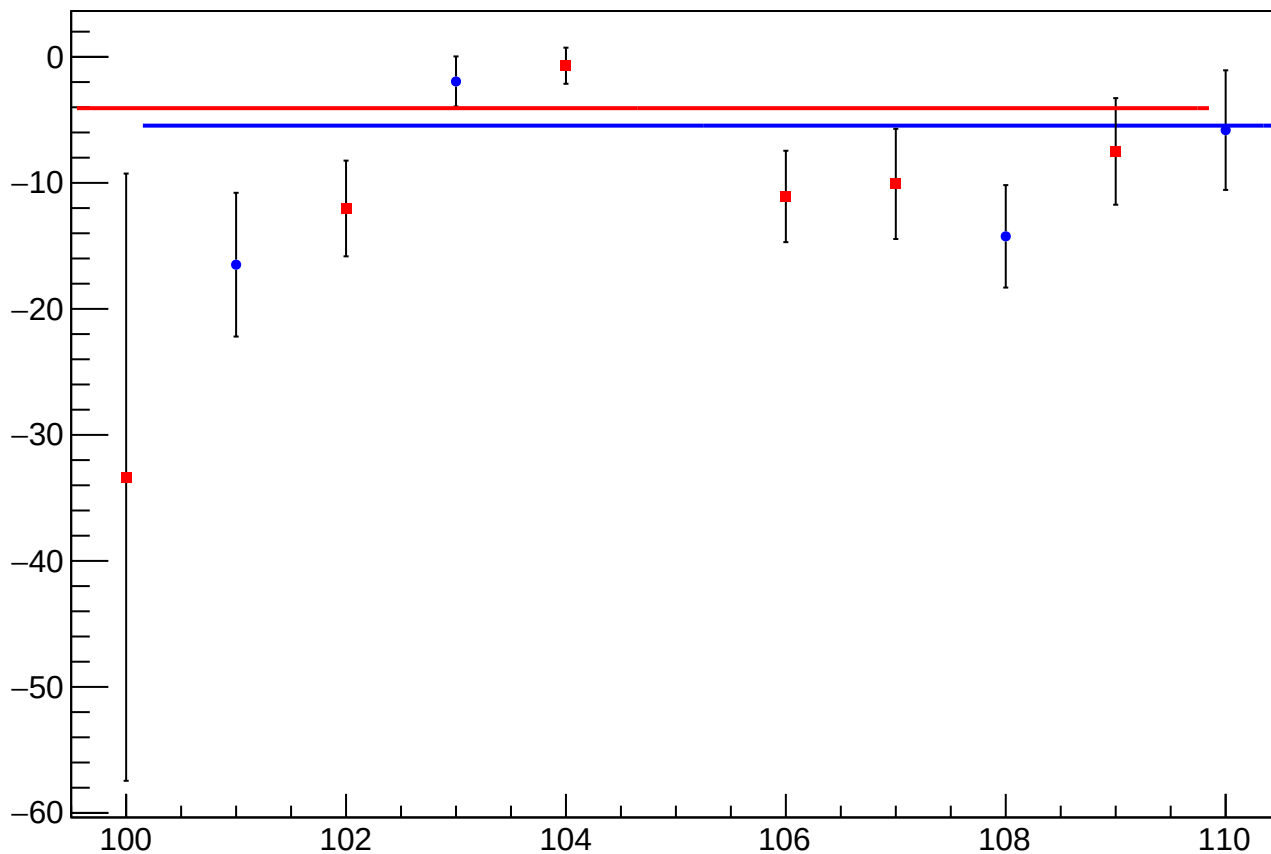
Right: 56.377+/-0.960 χ^2/NDF : 3481.7/9

In: 58.231+/-1.461 χ^2/NDF : 1920.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.377+/-0.960 χ^2/NDF : 3481.7/9

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.457+/-1.604 χ^2/NDF : 11.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.072+/-1.161 χ^2/NDF : 17.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

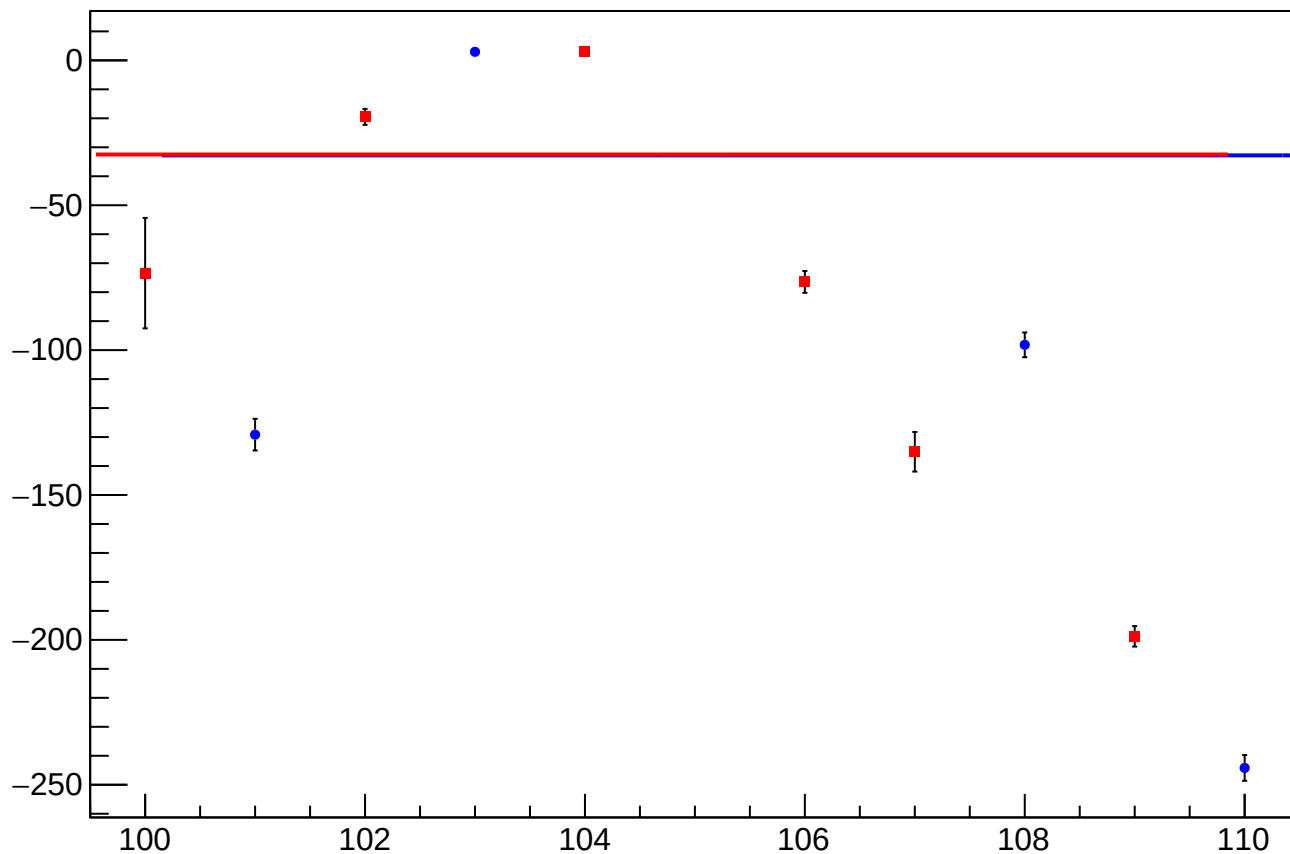
Right: -4.547+/-0.940 χ^2/NDF : 29.7/9

In: -5.457+/-1.604 χ^2/NDF : 11.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.547+/-0.940 χ^2/NDF : 29.7/9

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -32.789+/-1.260 χ^2/NDF : 3437.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.495+/-1.126 χ^2/NDF : 3214.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

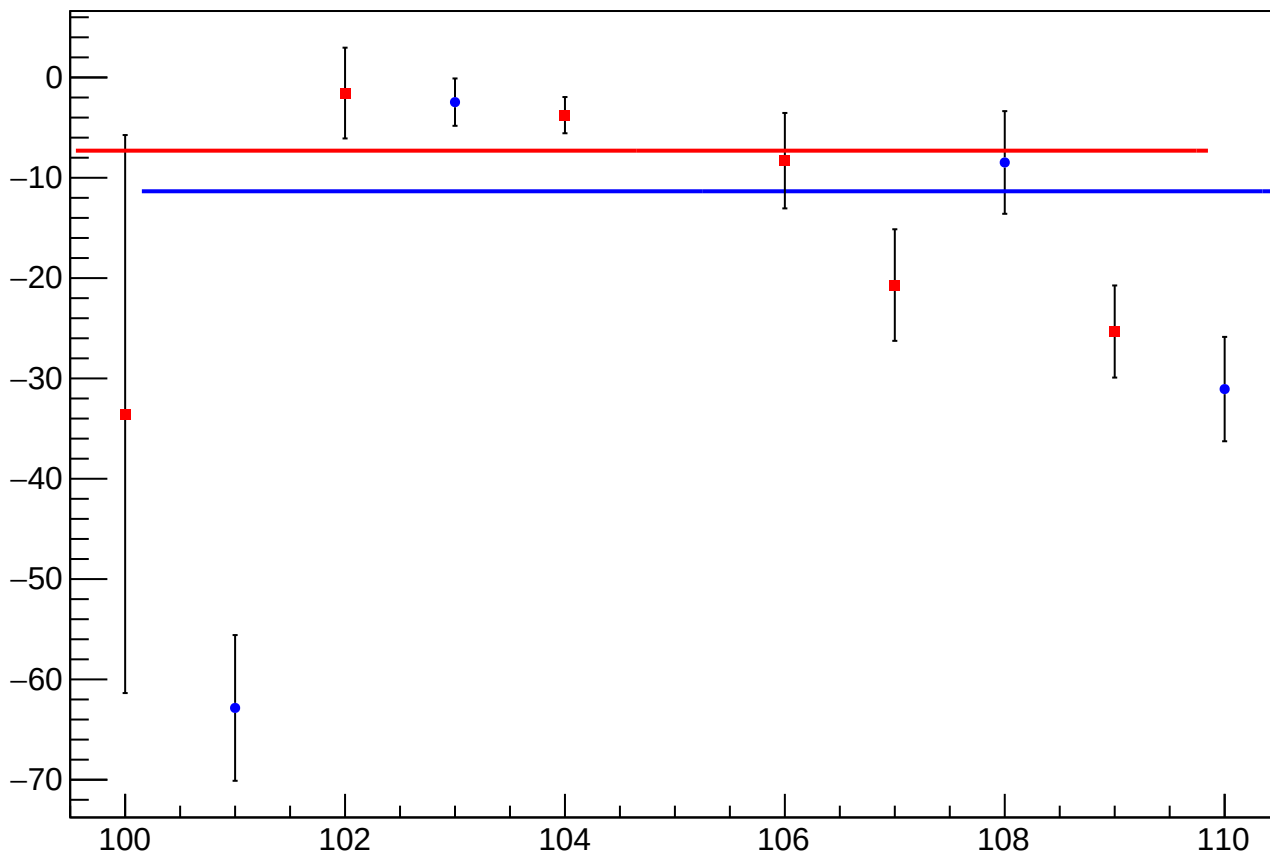
Right: -32.625+/-0.840 χ^2/NDF : 6651.8/9

In: -32.789+/-1.260 χ^2/NDF : 3437.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.625+/-0.840 χ^2/NDF : 6651.8/9

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.345+/-1.912 χ^2/NDF : 79.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.298+/-1.442 χ^2/NDF : 27.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

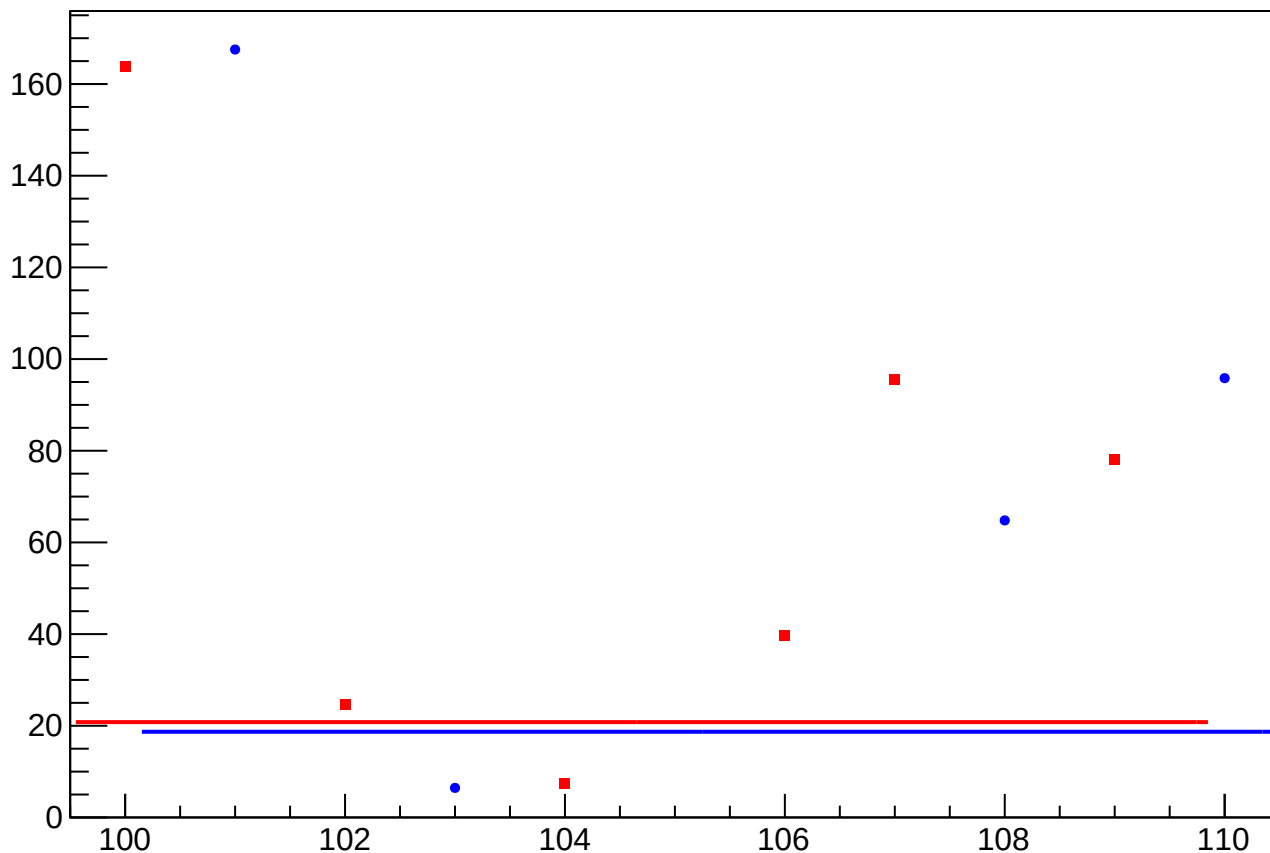
Right: -8.766+/-1.151 χ^2/NDF : 109.6/9

In: -11.345+/-1.912 χ^2/NDF : 79.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.766+/-1.151 χ^2/NDF : 109.6/9

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 18.694+/-0.055 χ^2/NDF : 365311.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.800+/-0.054 χ^2/NDF : 199541.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

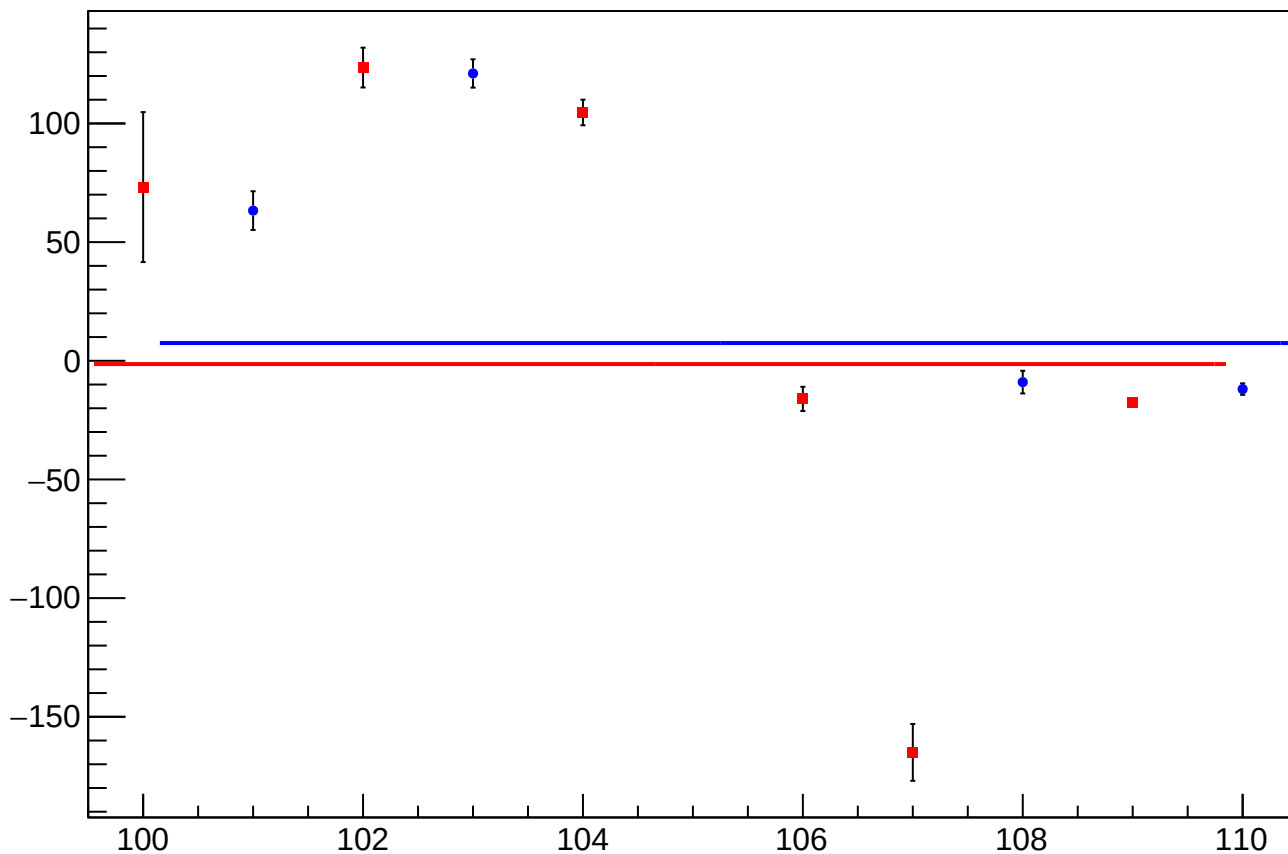
Right: 19.767+/-0.038 χ^2/NDF : 565606.2/9

In: 18.694+/-0.055 χ^2/NDF : 365311.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.767+/-0.038 χ^2/NDF : 565606.2/9

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.476+/-1.970 χ^2/NDF : 485.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.380+/-1.749 χ^2/NDF : 870.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

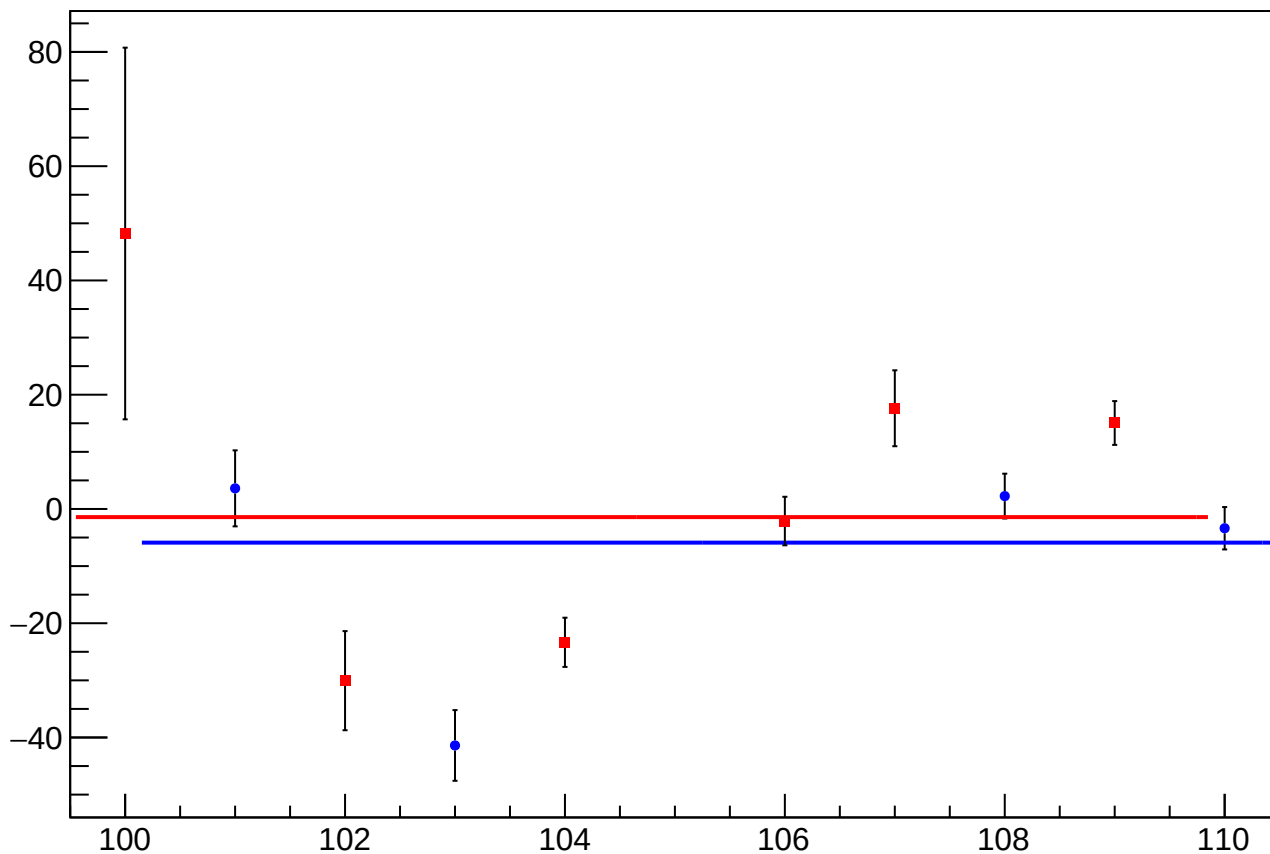
Right: 2.523+/-1.308 χ^2/NDF : 1367.6/9

In: 7.476+/-1.970 χ^2/NDF : 485.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.523+/-1.308 χ^2/NDF : 1367.6/9

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.893+/-2.316 χ^2/NDF : 39.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.424+/-2.160 χ^2/NDF : 65.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

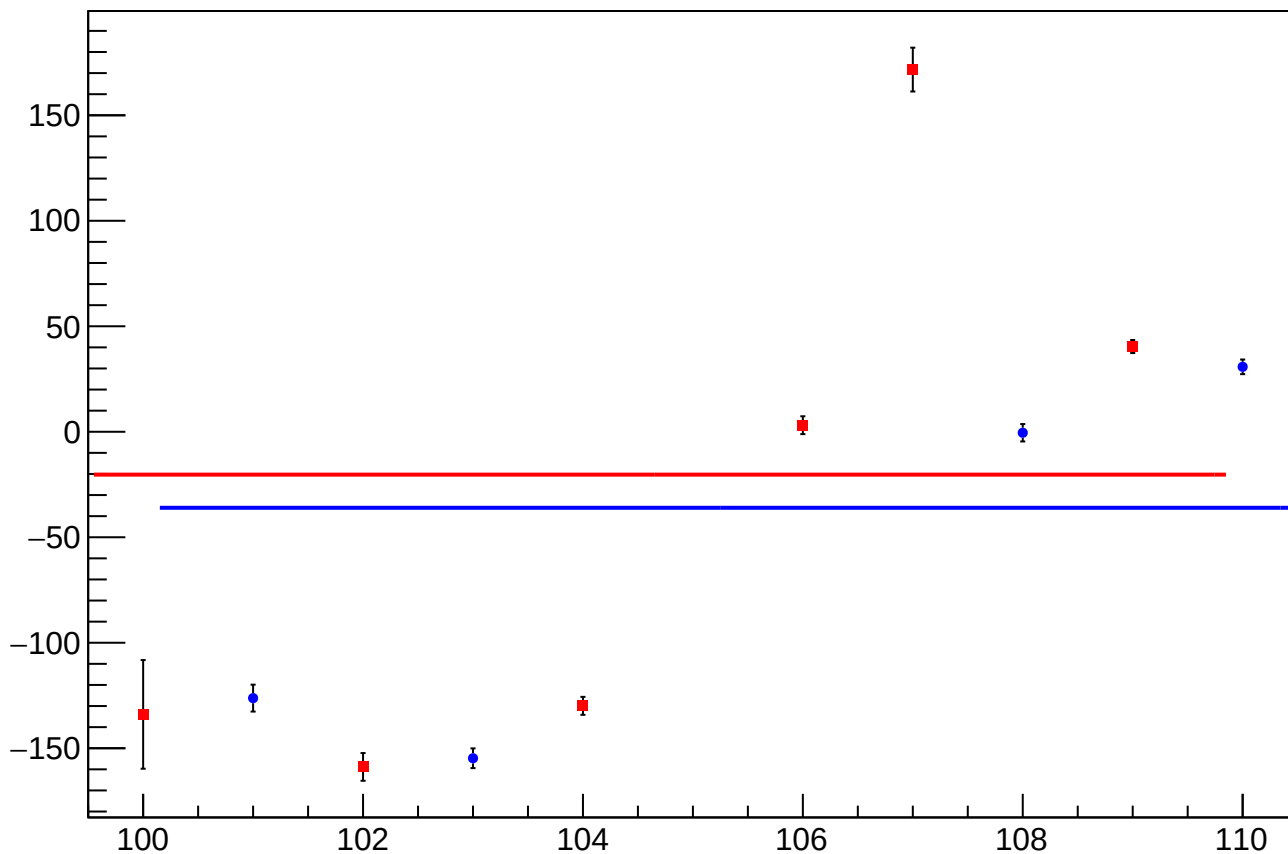
Right: -3.503+/-1.580 χ^2/NDF : 107.6/9

In: -5.893+/-2.316 χ^2/NDF : 39.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.503+/-1.580 χ^2/NDF : 107.6/9

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.032 ± 2.171 χ^2/NDF : 1289.2/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.317 ± 2.002 χ^2/NDF : 1883.6/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

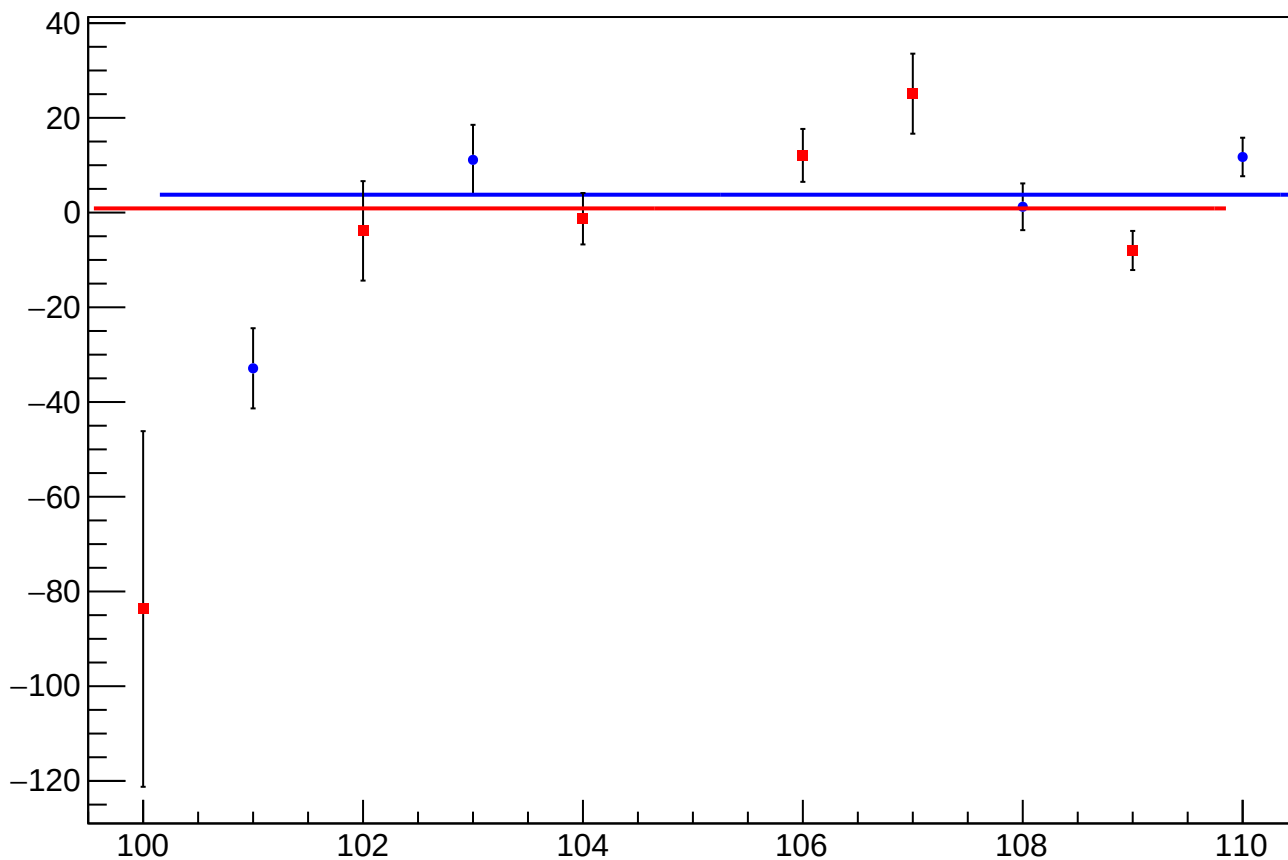
Right: -27.540 ± 1.472 χ^2/NDF : 3201.1/9

In: -36.032 ± 2.171 χ^2/NDF : 1289.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.540 ± 1.472 χ^2/NDF : 3201.1/9

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.772+/-2.733 χ^2/NDF : 23.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.879+/-2.596 χ^2/NDF : 22.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

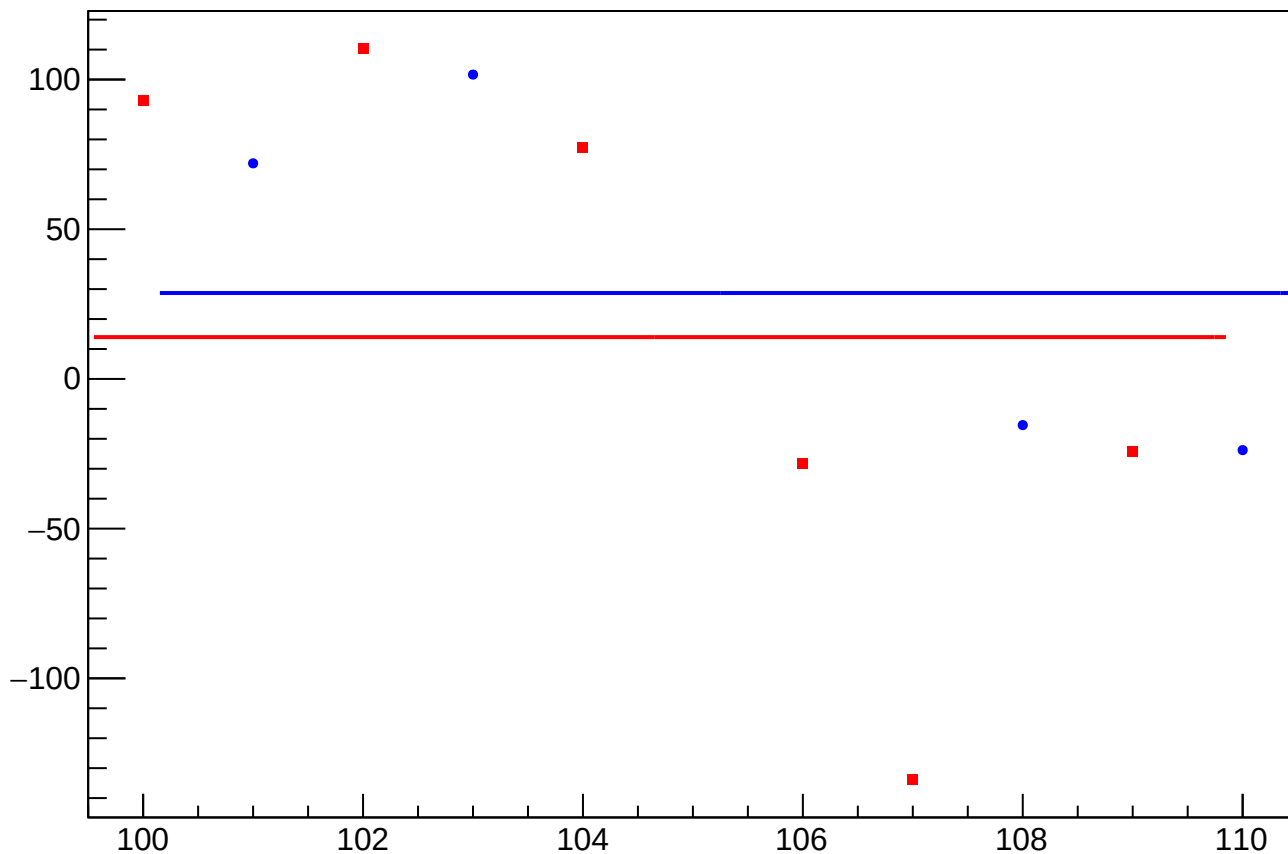
Right: 2.251+/-1.882 χ^2/NDF : 46.7/9

In: 3.772+/-2.733 χ^2/NDF : 23.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.251+/-1.882 χ^2/NDF : 46.7/9

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 28.695+/-0.111 χ^2/NDF : 253543.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.968+/-0.106 χ^2/NDF : 412413.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

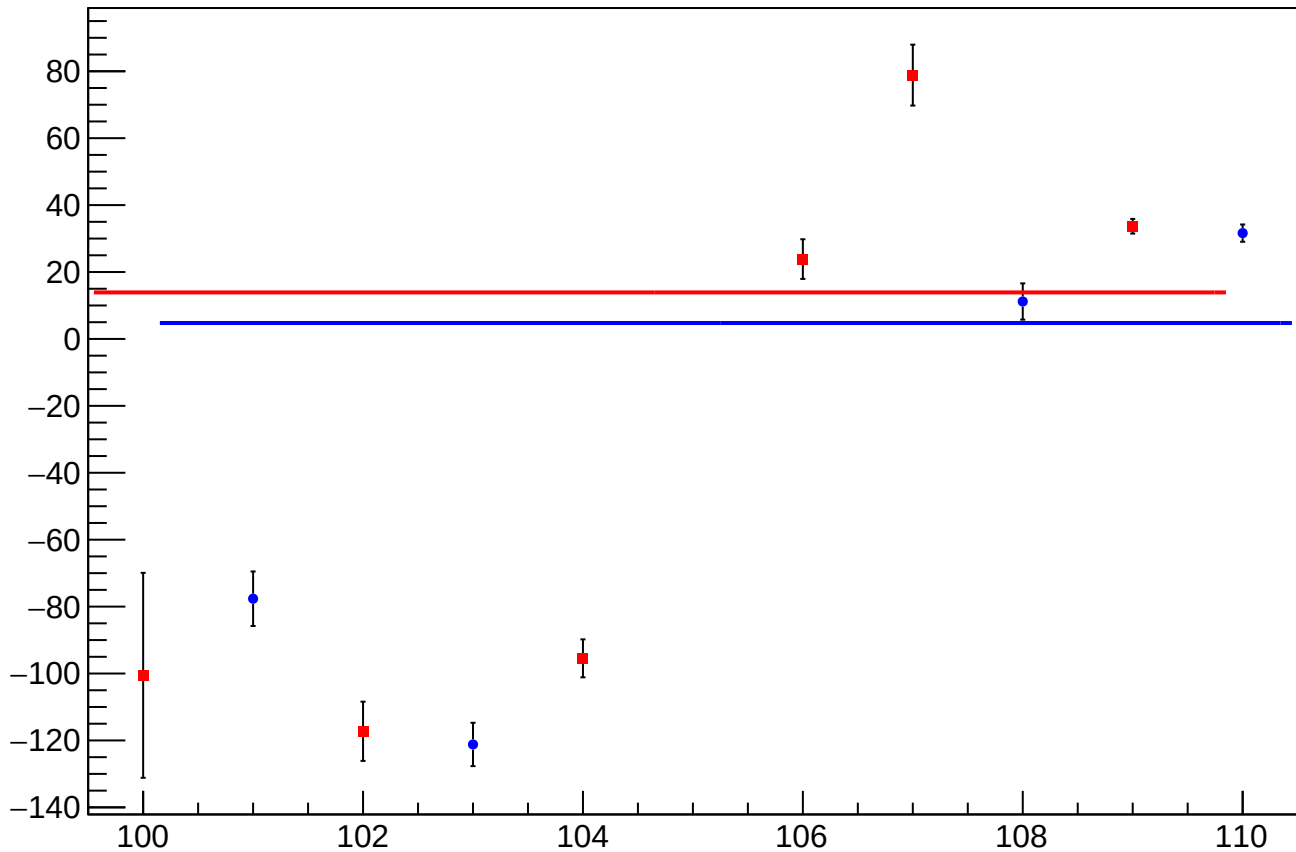
Right: 20.951+/-0.077 χ^2/NDF : 675138.9/9

In: 28.695+/-0.111 χ^2/NDF : 253543.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.951+/-0.077 χ^2/NDF : 675138.9/9

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.765+/-2.118 χ^2/NDF : 590.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.903+/-1.844 χ^2/NDF : 741.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

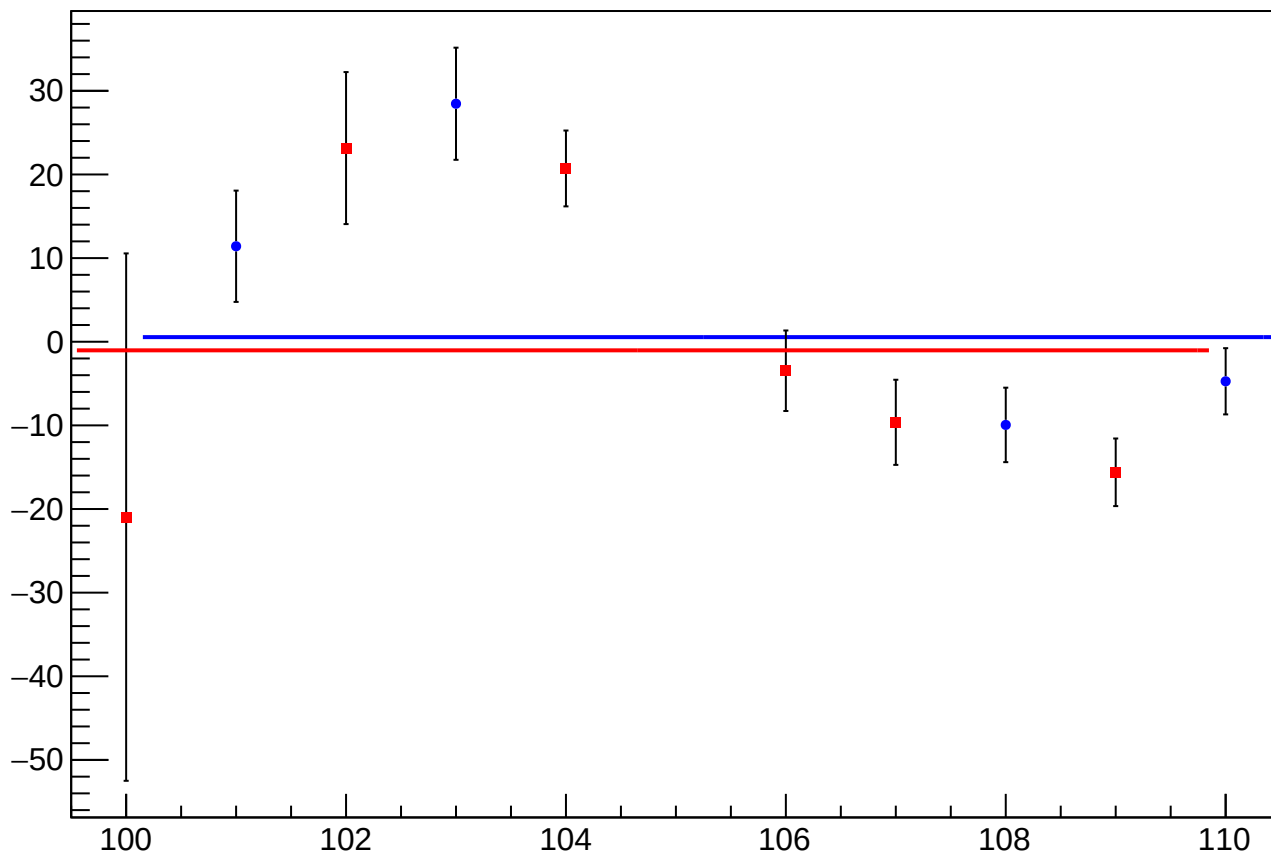
Right: 9.964+/-1.391 χ^2/NDF : 1341.7/9

In: 4.765+/-2.118 χ^2/NDF : 590.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.964+/-1.391 χ^2/NDF : 1341.7/9

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.552+/-2.507 χ^2/NDF : 27.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.028+/-2.210 χ^2/NDF : 46.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

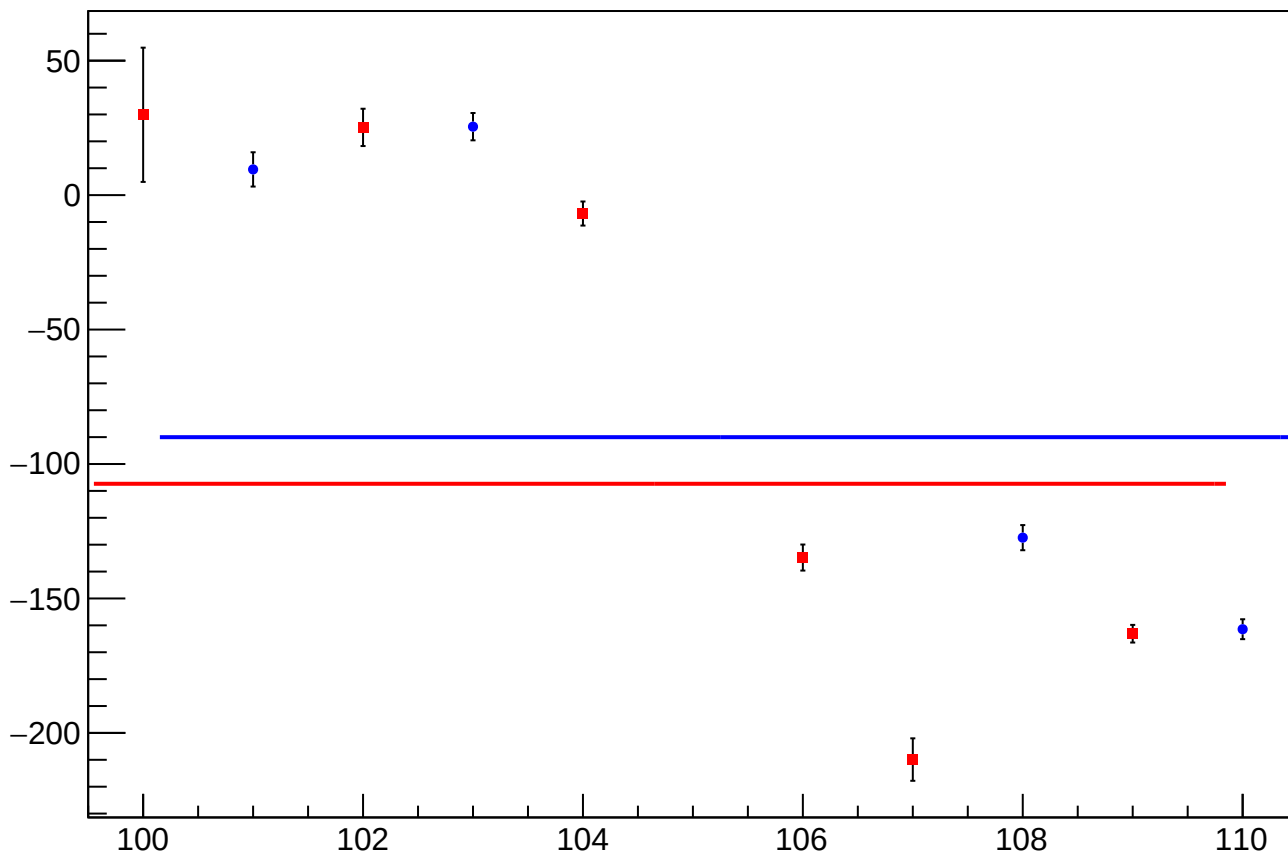
Right: -0.337+/-1.658 χ^2/NDF : 74.2/9

In: 0.552+/-2.507 χ^2/NDF : 27.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.337+/-1.658 χ^2/NDF : 74.2/9

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -90.018+/-2.343 χ^2/NDF : 1197.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -107.351+/-2.113 χ^2/NDF : 1389.7/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

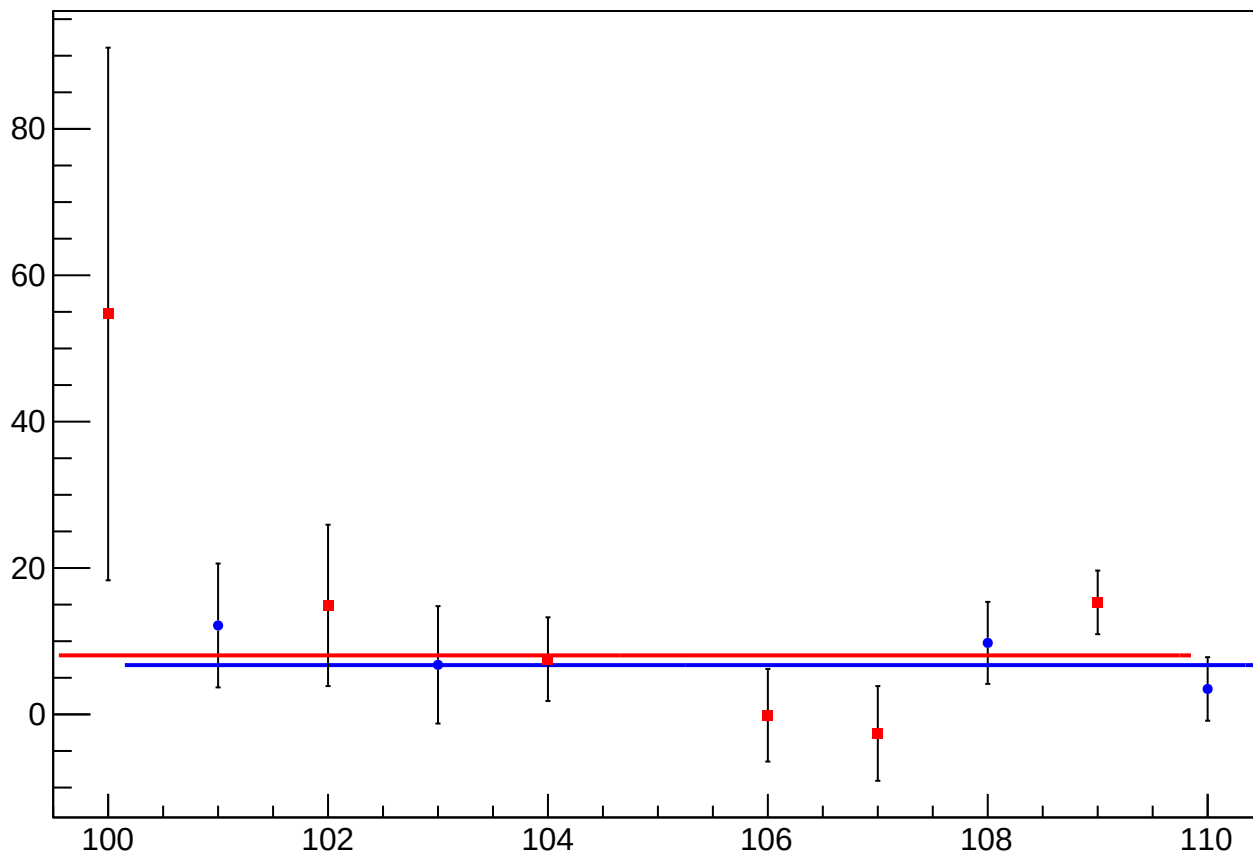
Right: -99.577+/-1.569 χ^2/NDF : 2617.0/9

In: -90.018+/-2.343 χ^2/NDF : 1197.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.577+/-1.569 χ^2/NDF : 2617.0/9

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.732 $\pm$ 2.956 χ^2 /NDF: 1.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.063 $\pm$ 2.659 χ^2 /NDF: 9.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

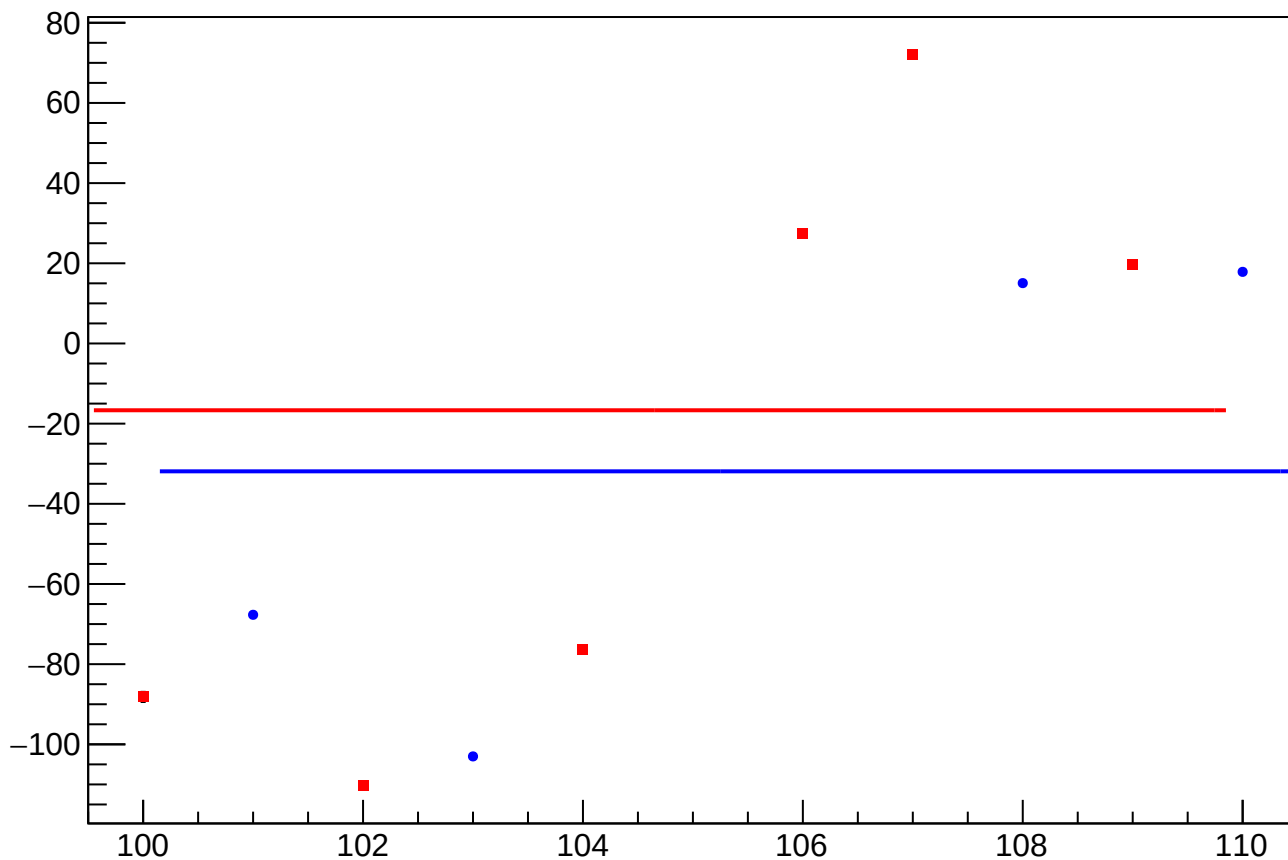
Right: 7.468 $\pm$ 1.977 χ^2 /NDF: 10.6/9

In: 6.732 $\pm$ 2.956 χ^2 /NDF: 1.3/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.468 $\pm$ 1.977 χ^2 /NDF: 10.6/9

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -31.896 $\pm$ 0.122 χ^2 /NDF: 206794.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.663 $\pm$ 0.112 χ^2 /NDF: 312454.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

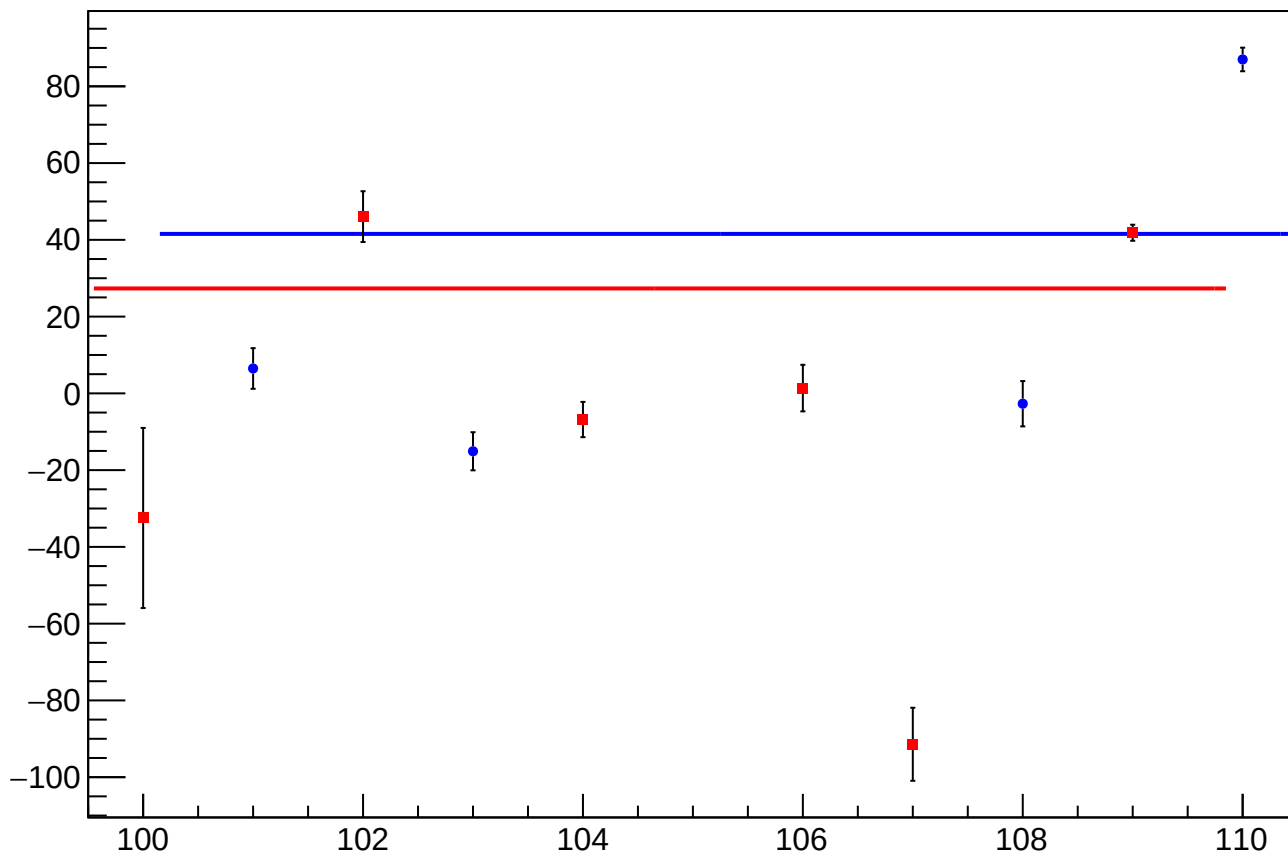
Right: -23.620 $\pm$ 0.083 χ^2 /NDF: 527696.7/9

In: -31.896 $\pm$ 0.122 χ^2 /NDF:206794.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.620 $\pm$ 0.083 χ^2 /NDF: 527696.7/9

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 41.547+/-2.177 χ^2/NDF : 449.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.336+/-1.718 χ^2/NDF : 291.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

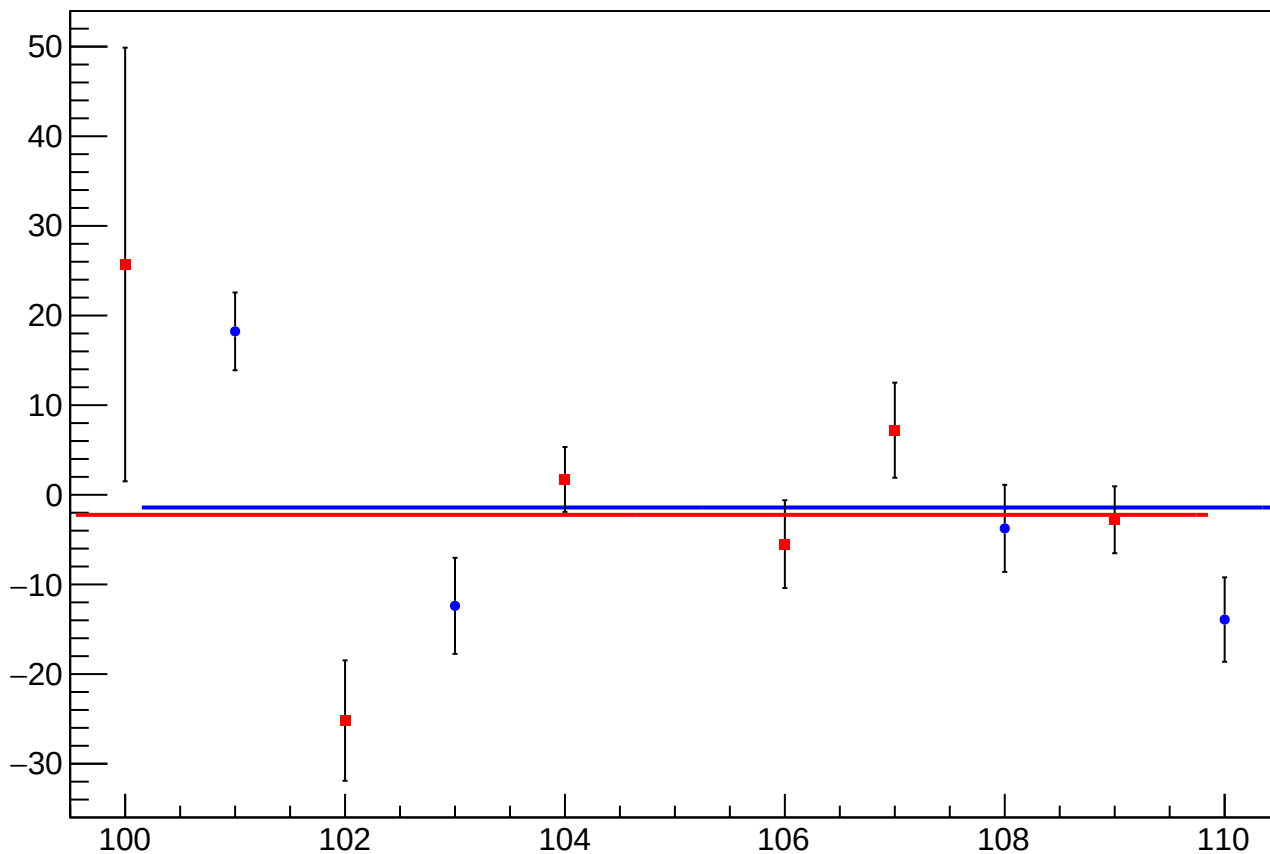
Right: 32.790+/-1.349 χ^2/NDF : 767.3/9

In: 41.547+/-2.177 χ^2/NDF : 449.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.790+/-1.349 χ^2/NDF : 767.3/9

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.416+/-2.388 χ^2/NDF : 32.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.235+/-2.004 χ^2/NDF : 17.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

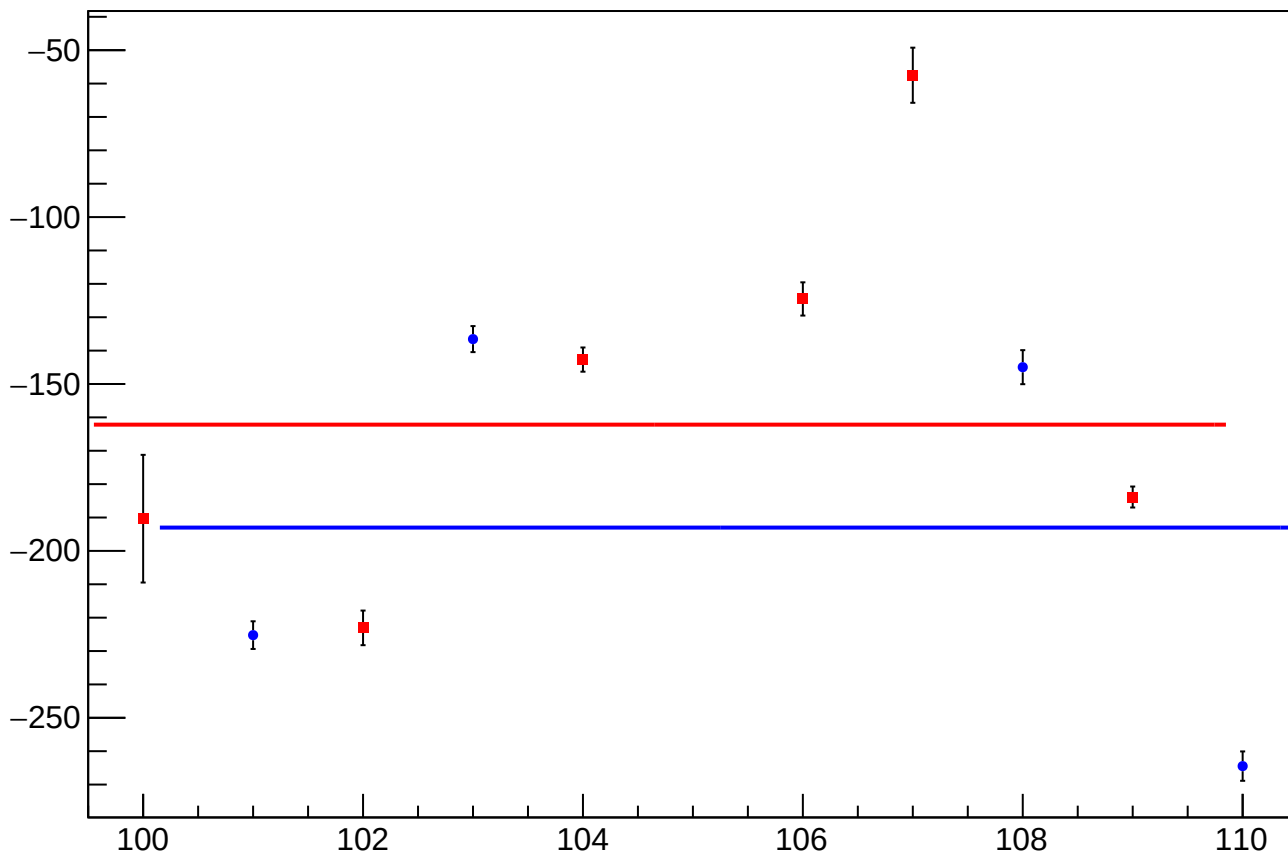
Right: -1.896+/-1.535 χ^2/NDF : 49.9/9

In: -1.416+/-2.388 χ^2/NDF : 32.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.896+/-1.535 χ^2/NDF : 49.9/9

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -193.014+/-2.161 χ^2 /NDF: 622.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -162.177+/-1.916 χ^2 /NDF: 434.5/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

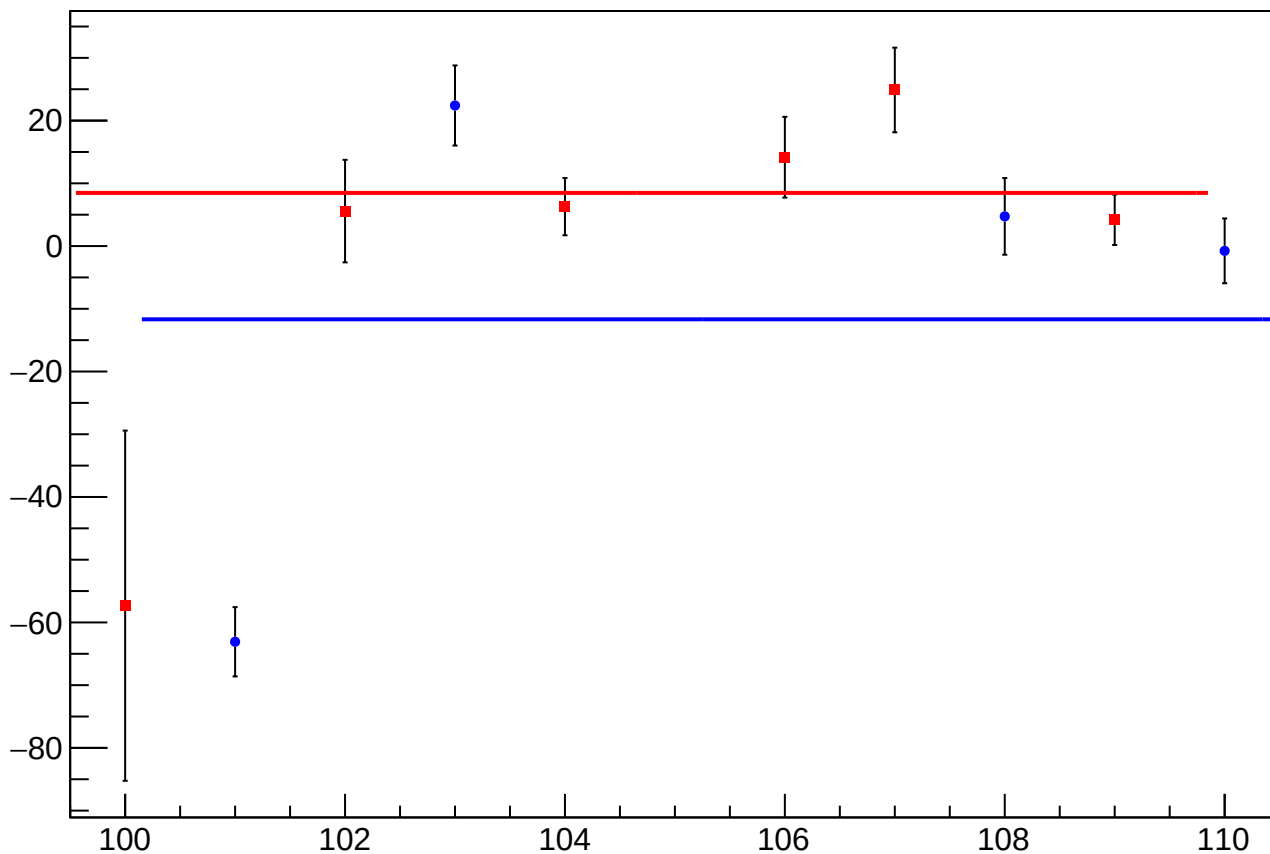
Right: -175.753+/-1.434 χ^2 /NDF: 1171.4/9

In: -193.014+/-2.161 χ^2 /NDF:622.9/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -175.753+/-1.434 χ^2 /NDF: 1171.4/9

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.678 $\pm$ 2.868 χ^2 /NDF: 126.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.477 $\pm$ 2.411 χ^2 /NDF: 13.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

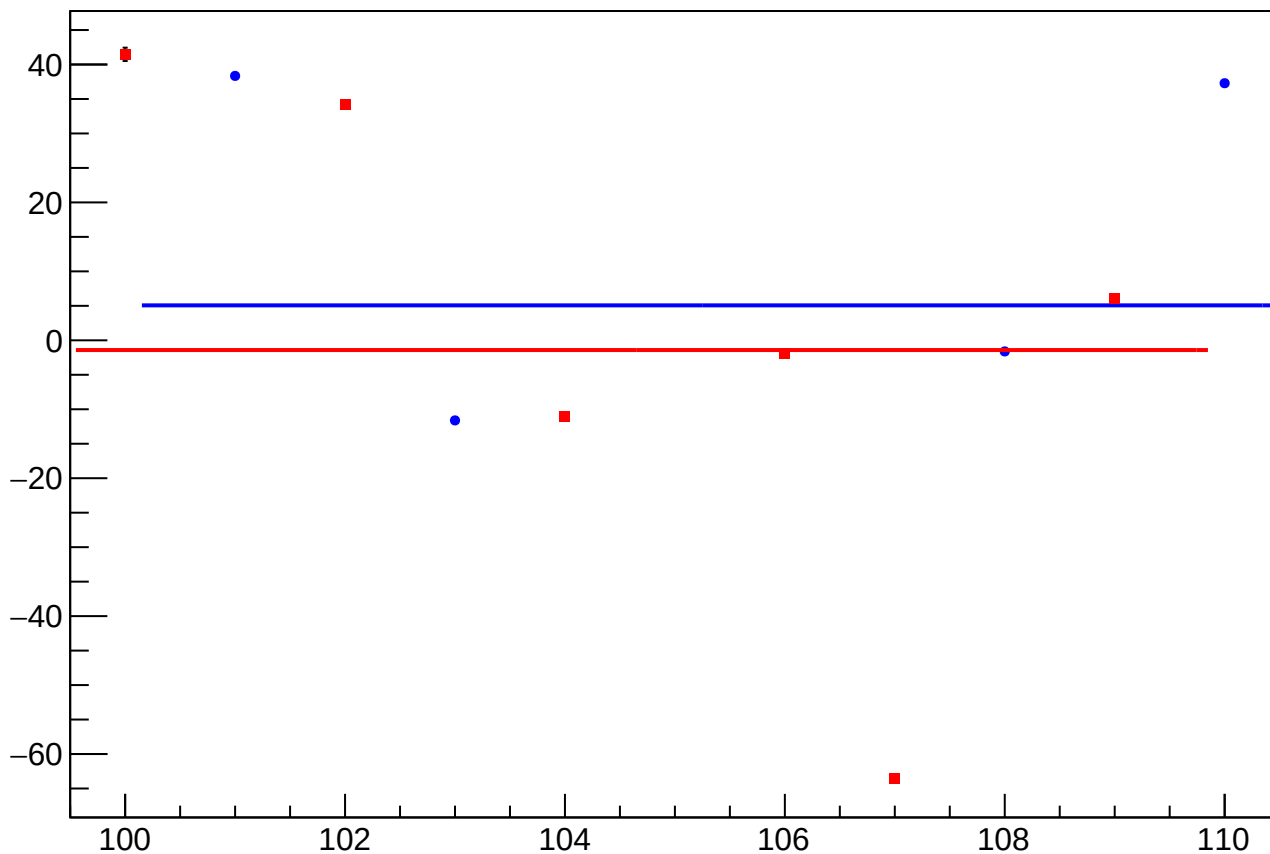
Right: 0.133 $\pm$ 1.845 χ^2 /NDF: 169.5/9

In: -11.678 $\pm$ 2.868 χ^2 /NDF:126.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.133 $\pm$ 1.845 χ^2 /NDF: 169.5/9

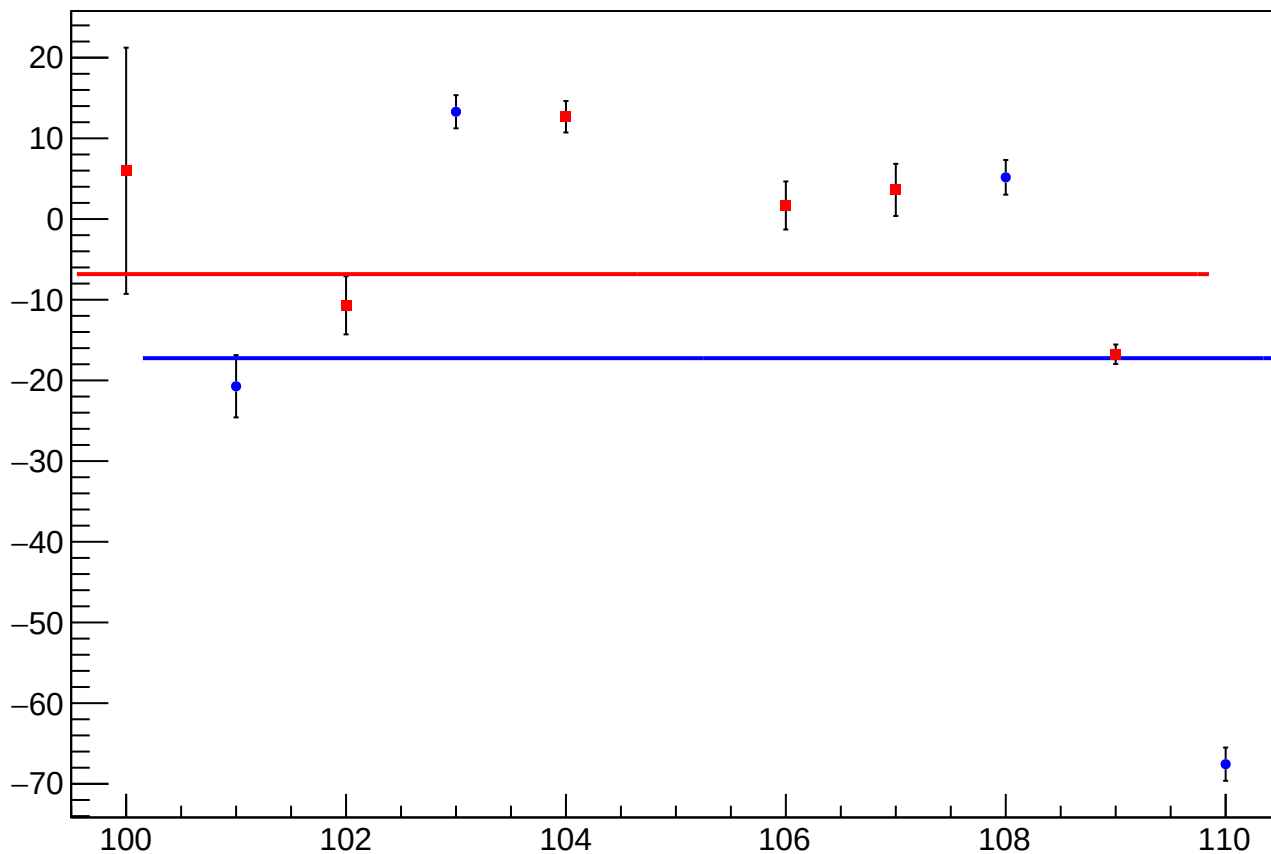
reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 5.070 $\pm$ 0.109 χ^2 /NDF: 37376.7/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -1.412 $\pm$ 0.098 χ^2 /NDF: 65073.7/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 1.508 $\pm$ 0.073 χ^2 /NDF: 104403.4/9
 In: 5.070 $\pm$ 0.109 χ^2 /NDF:37376.7/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 1.508 $\pm$ 0.073 χ^2 /NDF: 104403.4/9

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -17.243+/-1.150 χ^2/NDF : 927.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.828+/-0.897 χ^2/NDF : 188.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

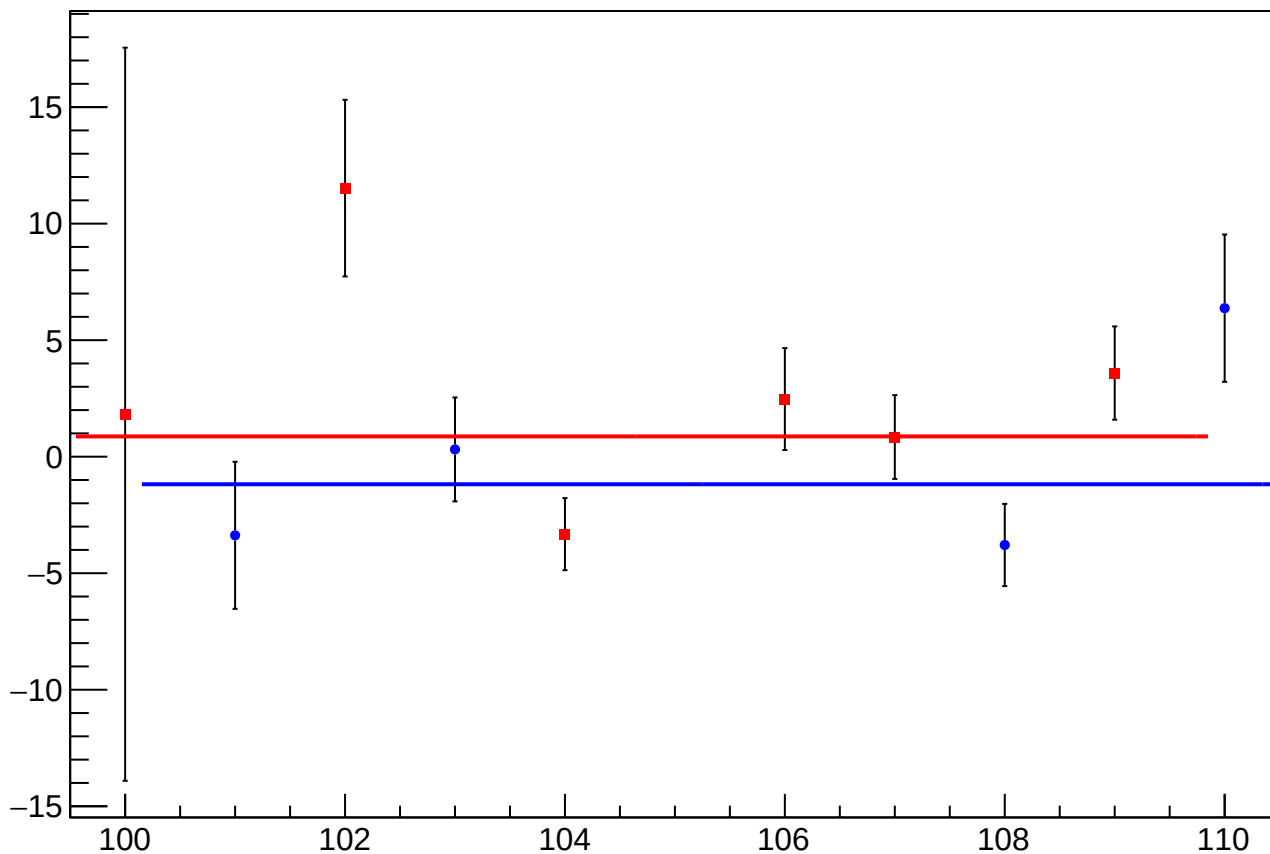
Right: -10.771+/-0.707 χ^2/NDF : 1166.9/9

In: -17.243+/-1.150 χ^2/NDF : 927.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.771+/-0.707 χ^2/NDF : 1166.9/9

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.183+/-1.176 χ^2/NDF : 8.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.869+/-0.891 χ^2/NDF : 17.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

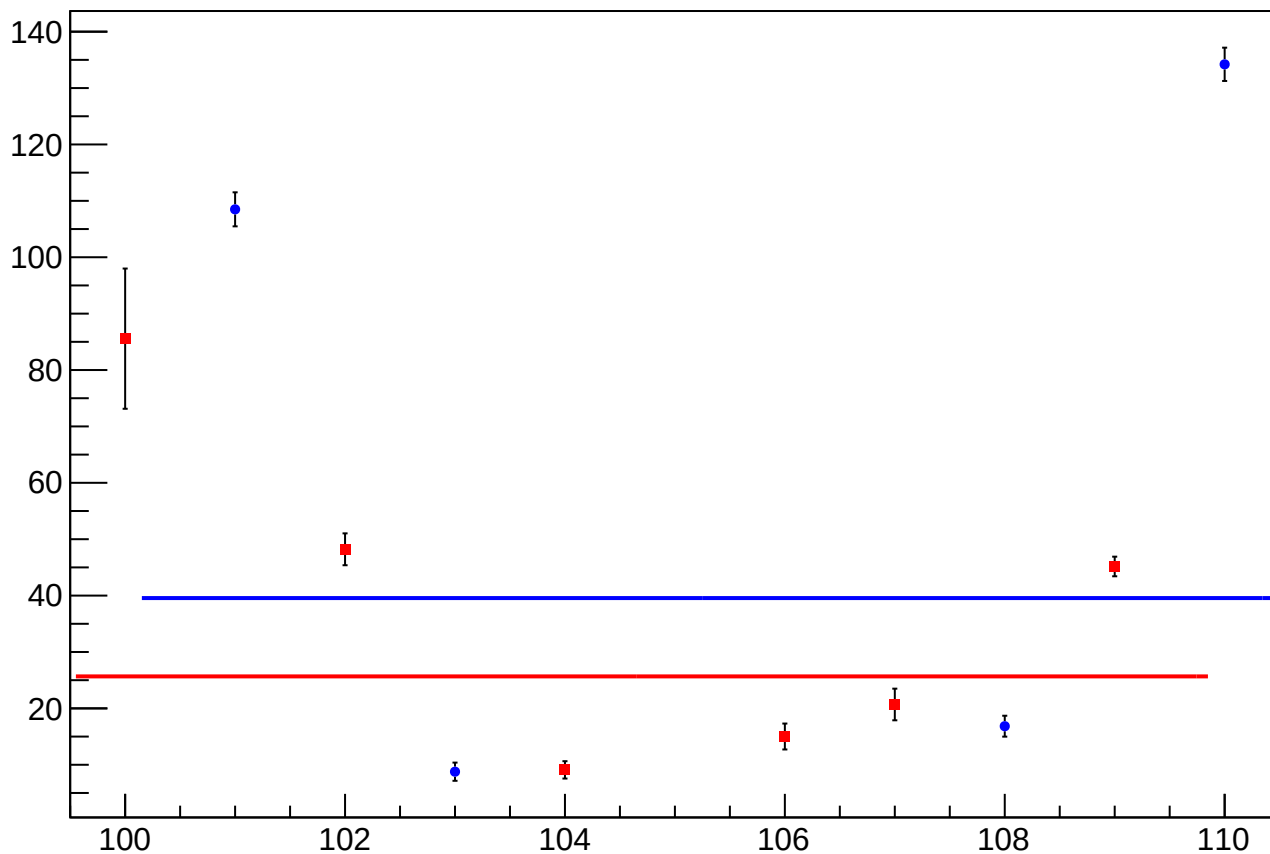
Right: 0.121+/-0.710 χ^2/NDF : 28.4/9

In: -1.183+/-1.176 χ^2/NDF : 8.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.121+/-0.710 χ^2/NDF : 28.4/9

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 39.562 $\pm$ 1.054 χ^2 /NDF: 2064.2/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.672 $\pm$ 0.912 χ^2 /NDF: 353.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

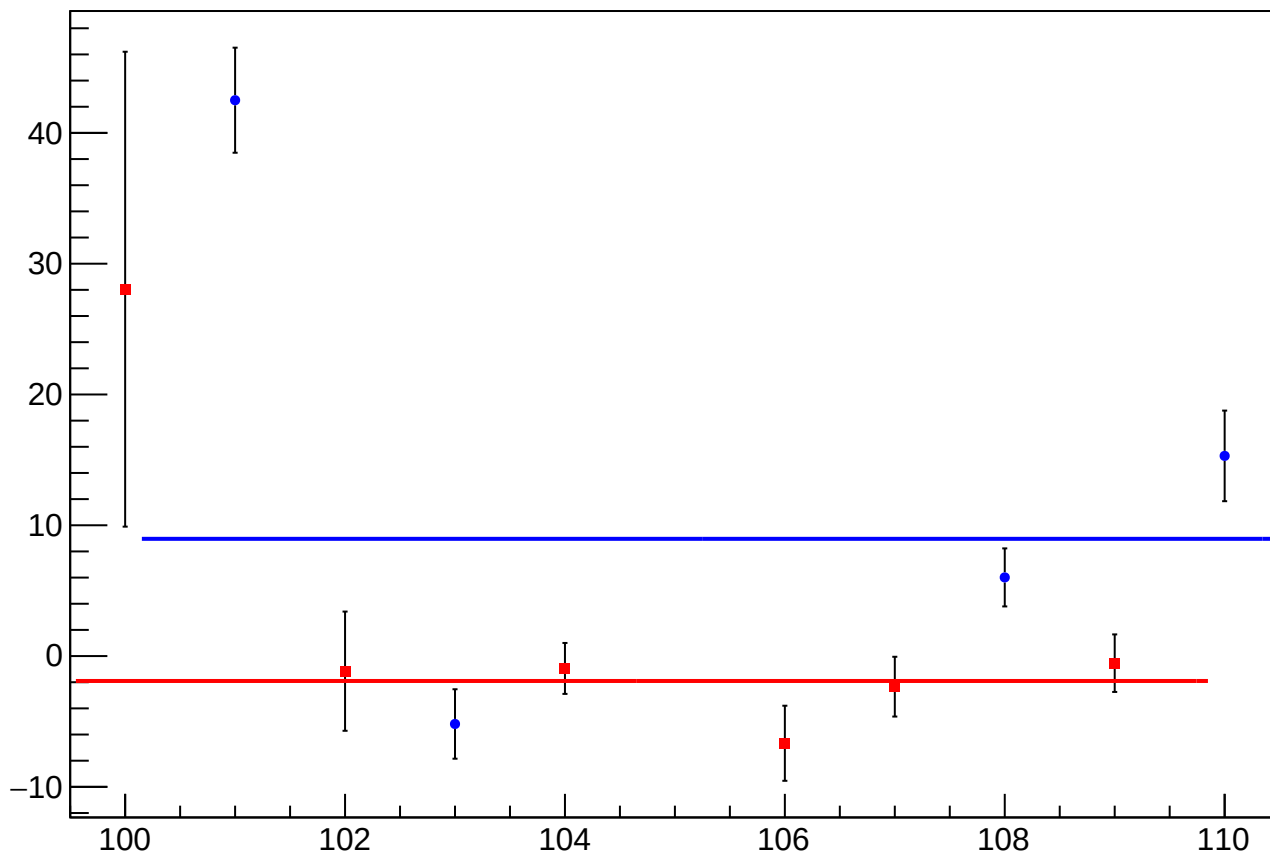
Right: 31.619 $\pm$ 0.690 χ^2 /NDF: 2516.7/9

In: 39.562 $\pm$ 1.054 χ^2 /NDF:2064.2/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 31.619 $\pm$ 0.690 χ^2 /NDF: 2516.7/9

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.963+/-1.428 χ^2/NDF : 103.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.905+/-1.095 χ^2/NDF : 6.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

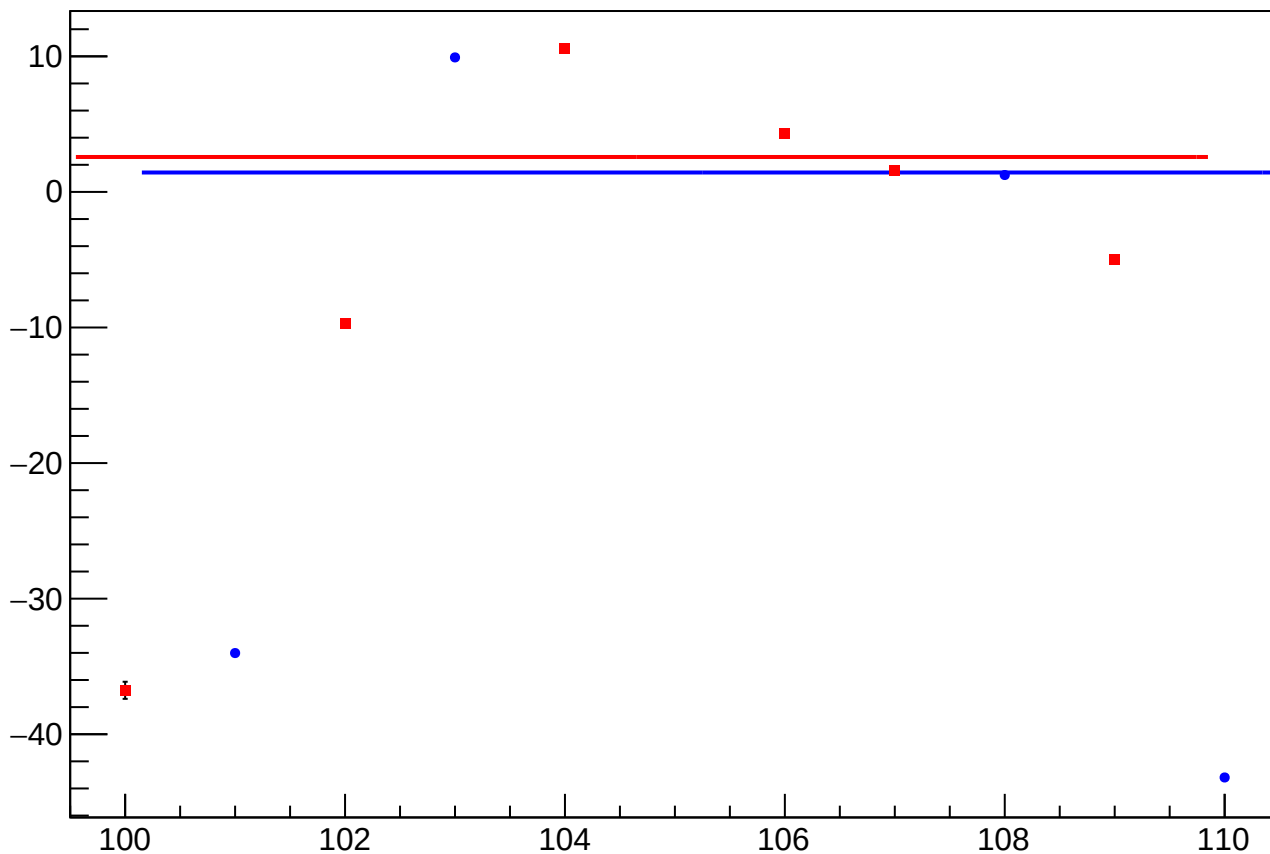
Right: 2.118+/-0.869 χ^2/NDF : 145.9/9

In: 8.963+/-1.428 χ^2/NDF : 103.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.118+/-0.869 χ^2/NDF : 145.9/9

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.433+/-0.047 χ^2/NDF : 87864.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.577+/-0.045 χ^2/NDF : 30810.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

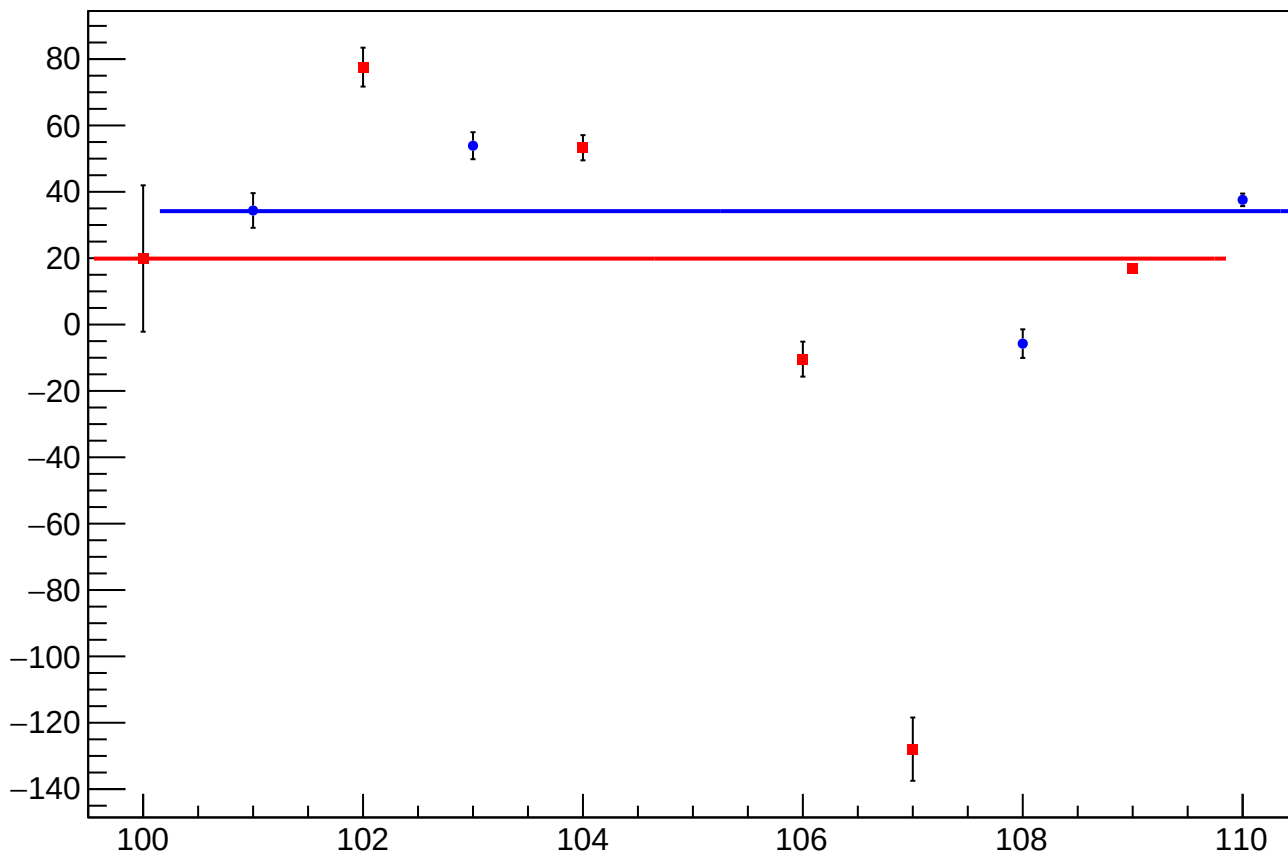
Right: 2.029+/-0.033 χ^2/NDF : 118977.9/9

In: 1.433+/-0.047 χ^2/NDF : 87864.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.029+/-0.033 χ^2/NDF : 118977.9/9

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 34.178+/-1.524 χ^2/NDF : 112.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.874+/-1.301 χ^2/NDF : 451.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

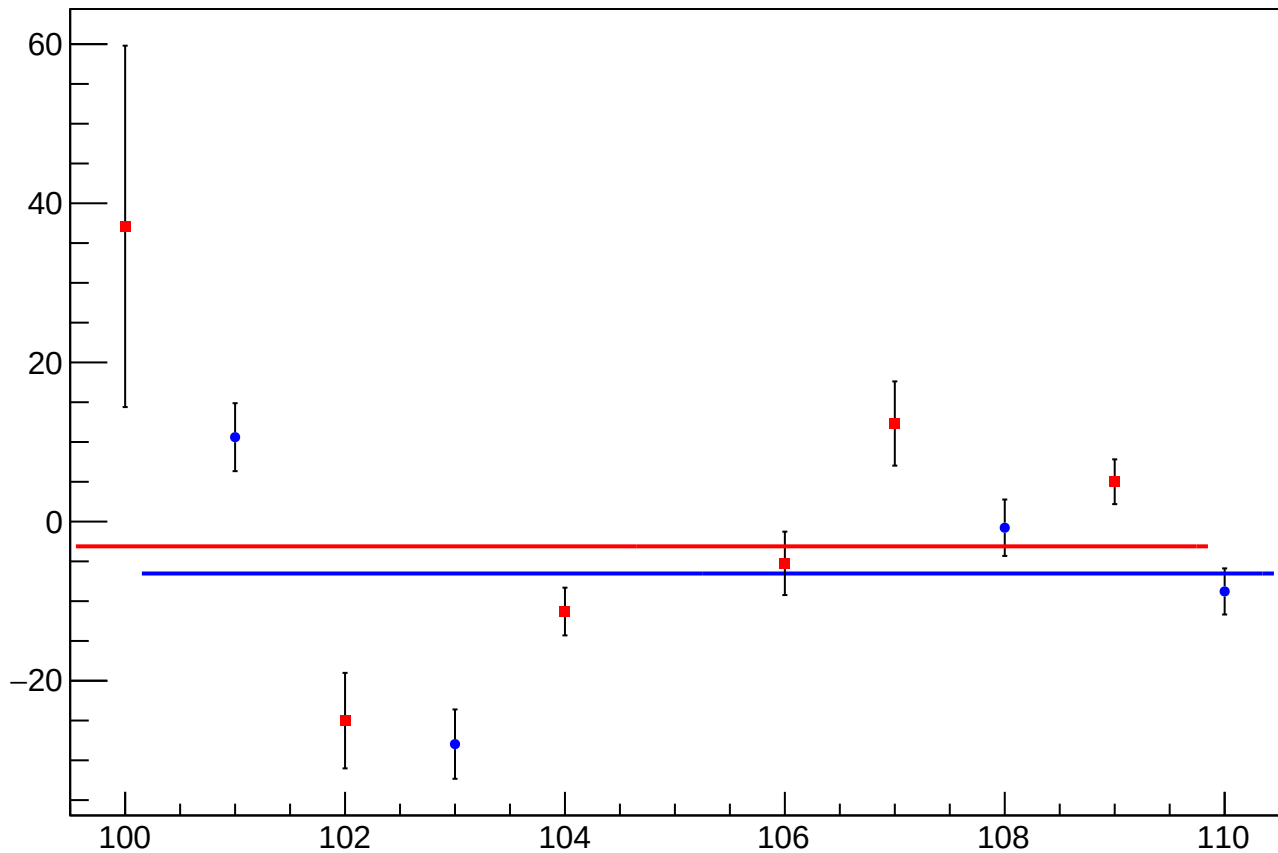
Right: 25.902+/-0.989 χ^2/NDF : 614.9/9

In: 34.178+/-1.524 χ^2/NDF : 112.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.902+/-0.989 χ^2/NDF : 614.9/9

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.524+/-1.808 χ^2 /NDF: 43.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.111+/-1.653 χ^2 /NDF: 41.0/5

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

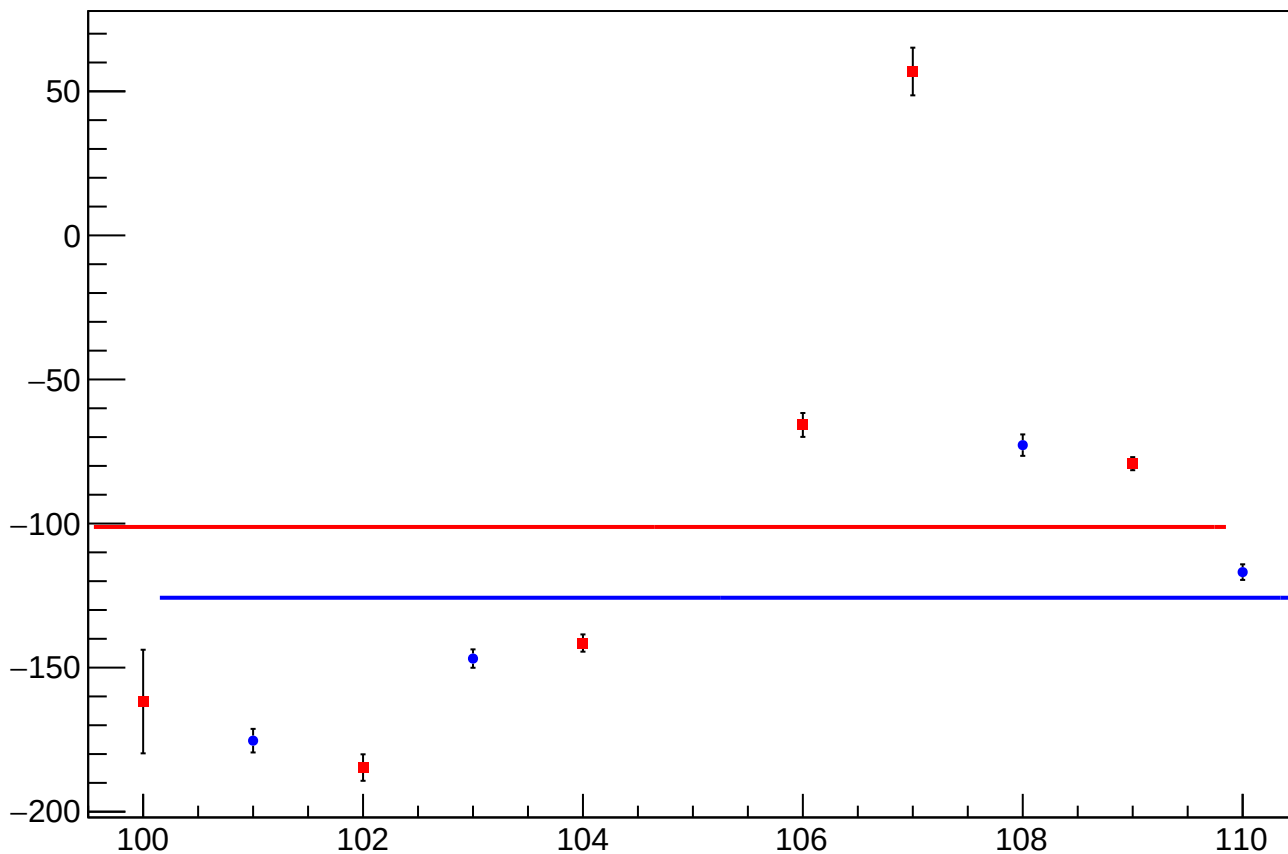
Right: -4.666+/-1.220 χ^2 /NDF: 86.5/9

In: -6.524+/-1.808 χ^2 /NDF:43.5/3

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.666+/-1.220 χ^2 /NDF: 86.5/9

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -125.751+/-1.653 χ^2/NDF : 404.0/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -101.185+/-1.527 χ^2/NDF : 1053.8/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

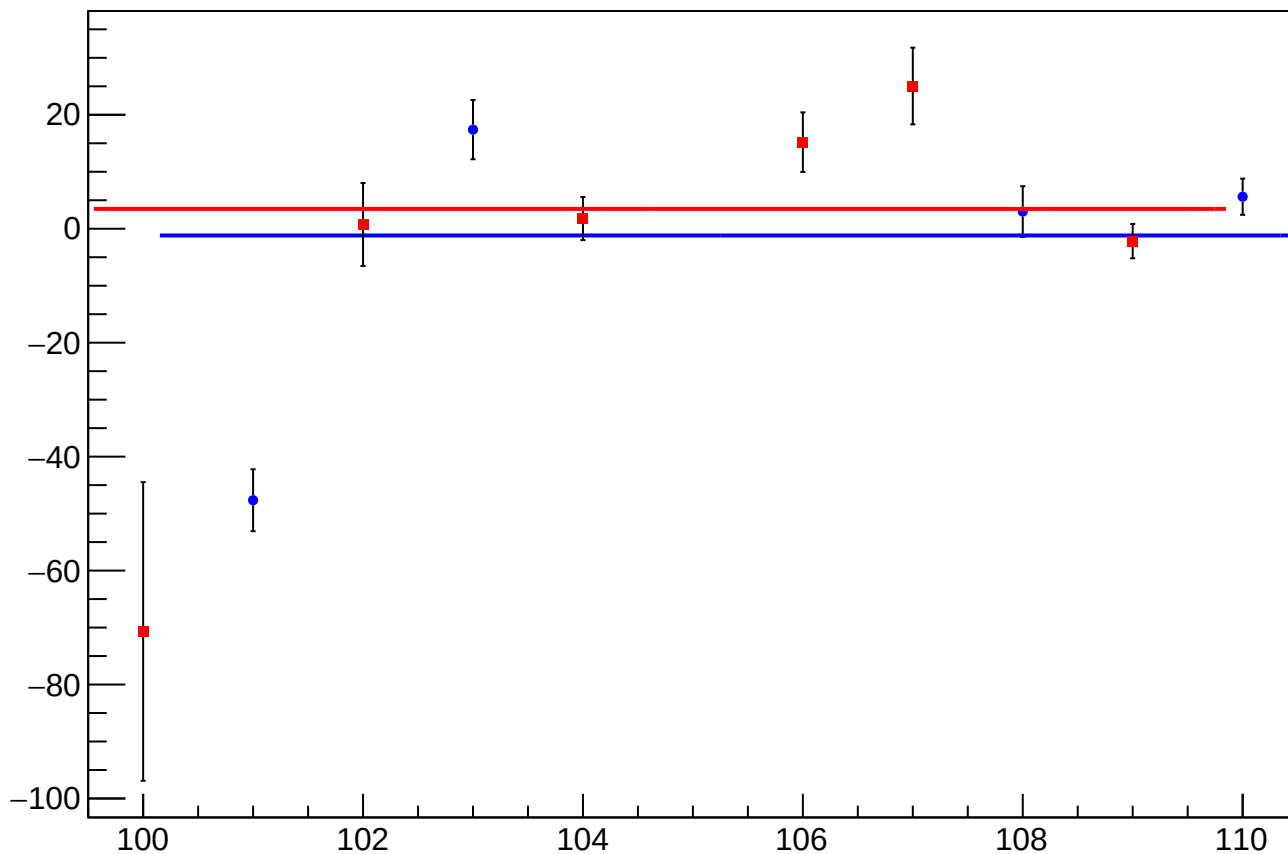
Right: -112.502+/-1.122 χ^2/NDF : 1577.0/9

In: -125.751+/-1.653 χ^2/NDF :404.0/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -112.502+/-1.122 χ^2/NDF : 1577.0/9

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.180+/-2.131 χ^2/NDF : 91.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.490+/-1.964 χ^2/NDF : 27.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

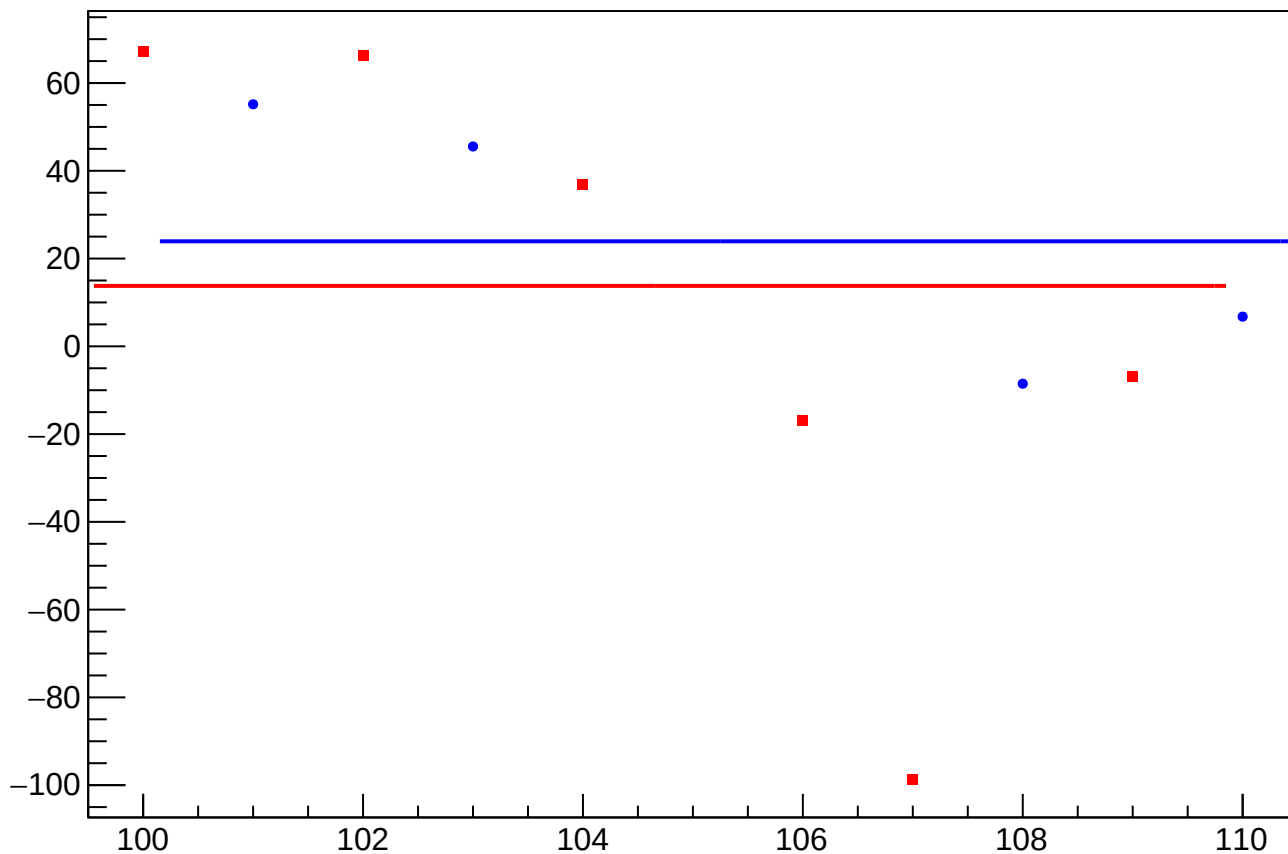
Right: 1.345+/-1.444 χ^2/NDF : 121.1/9

In: -1.180+/-2.131 χ^2/NDF : 91.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.345+/-1.444 χ^2/NDF : 121.1/9

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 23.934+/-0.086 χ^2/NDF : 94201.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.773+/-0.083 χ^2/NDF : 248602.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

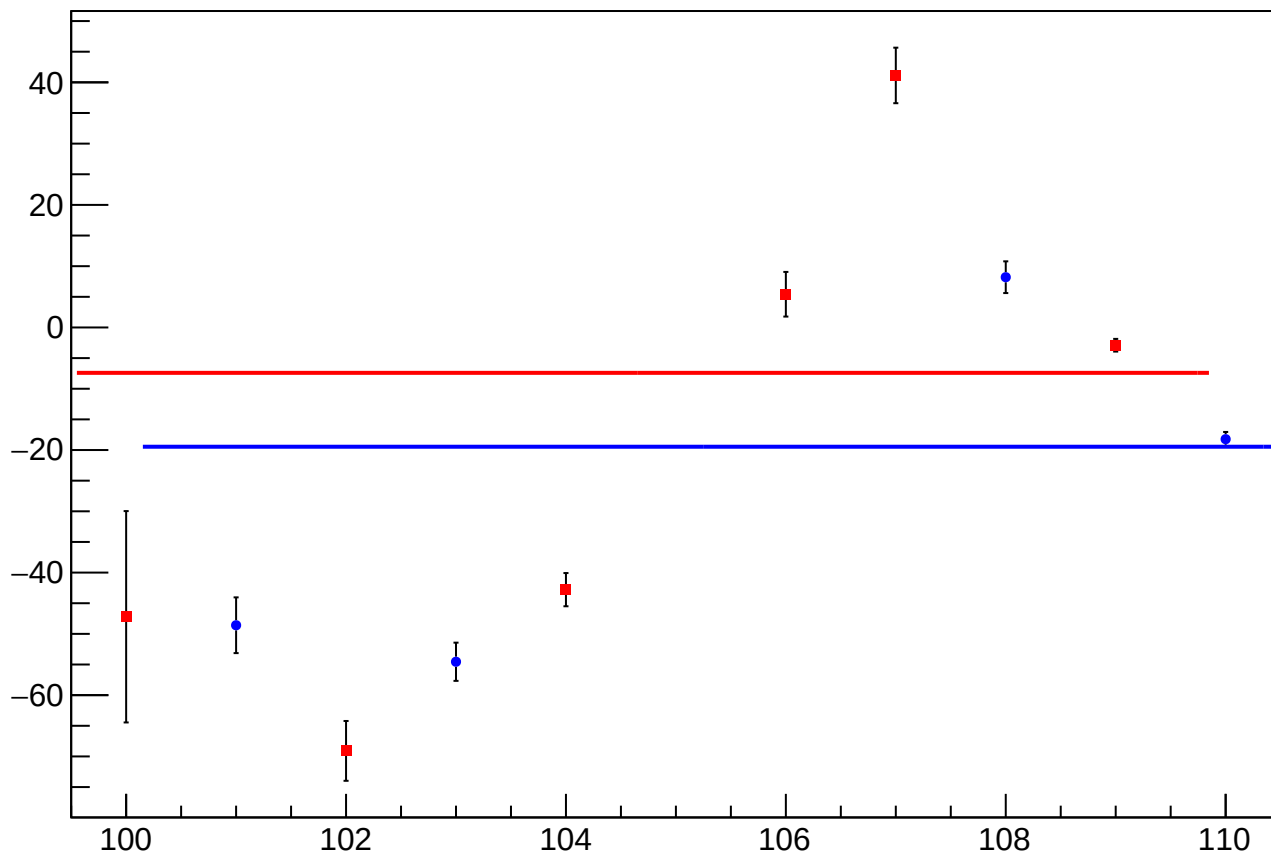
Right: 18.711+/-0.060 χ^2/NDF : 350029.3/9

In: 23.934+/-0.086 χ^2/NDF : 94201.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.711+/-0.060 χ^2/NDF : 350029.3/9

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.462 ± 0.989 $\chi^2/\text{NDF}: 283.0/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -7.405 ± 0.898 $\chi^2/\text{NDF}: 481.5/5$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

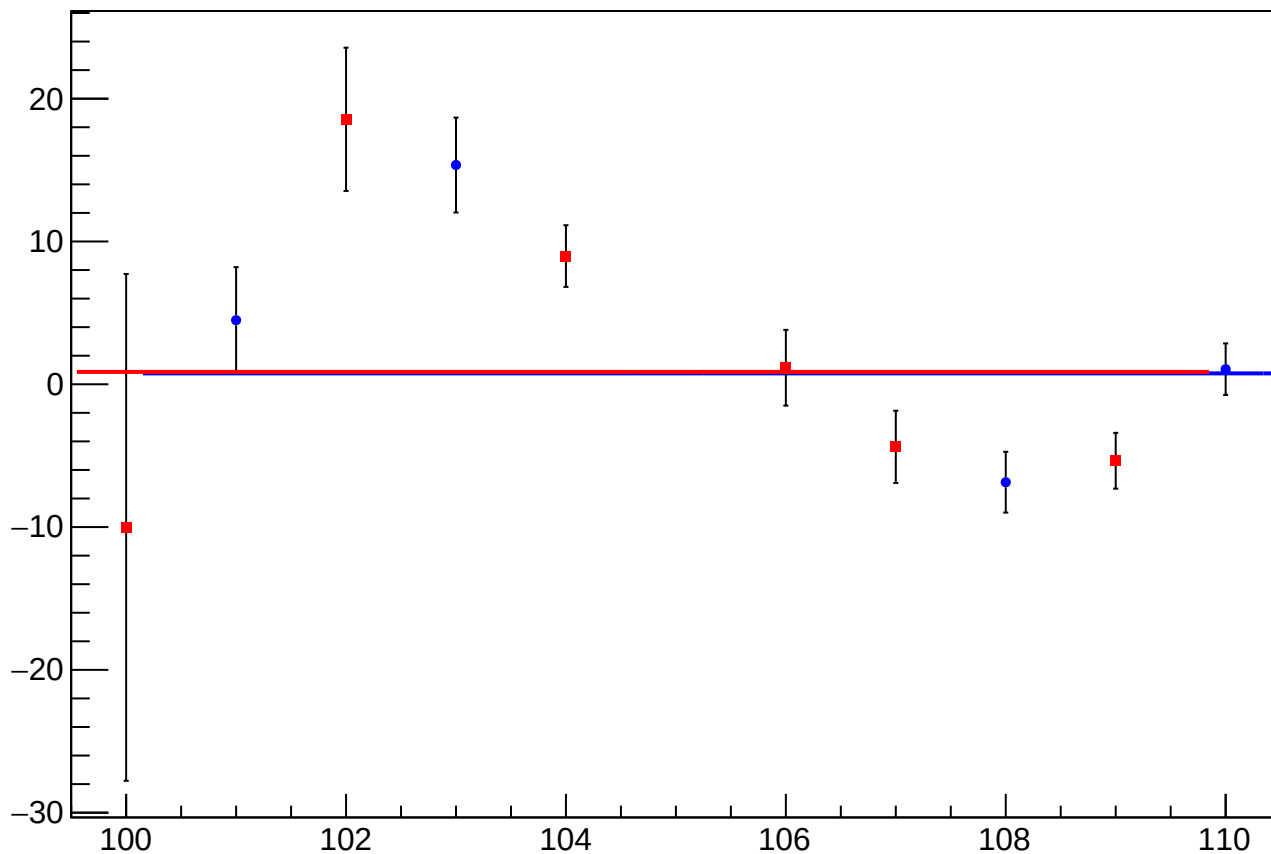
Right: -12.858 ± 0.665 $\chi^2/\text{NDF}: 846.0/9$

In: -19.462 ± 0.989 $\chi^2/\text{NDF}: 283.0/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -12.858 ± 0.665 $\chi^2/\text{NDF}: 846.0/9$

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.763+/-1.203 χ^2/NDF : 33.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.867+/-1.106 χ^2/NDF : 41.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

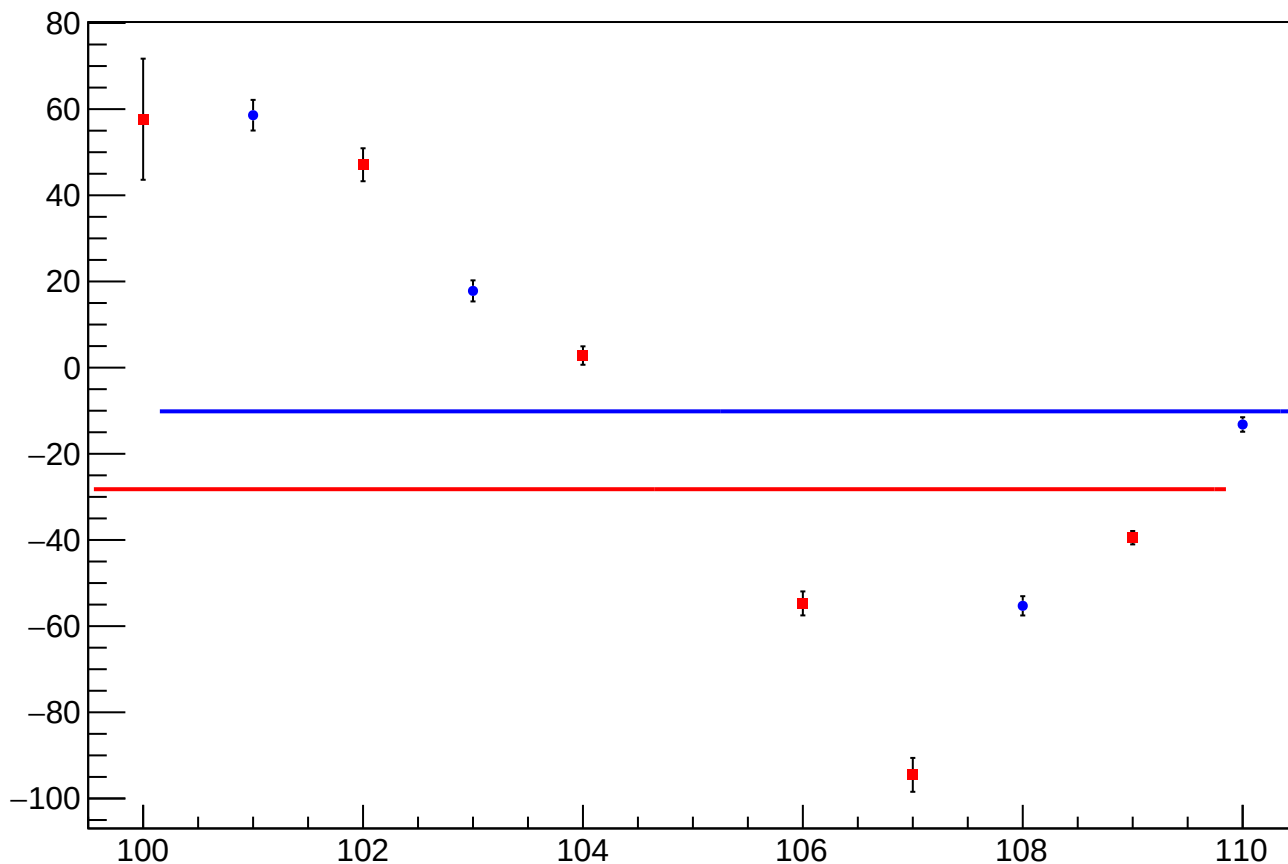
Right: 0.819+/-0.814 χ^2/NDF : 74.5/9

In: 0.763+/-1.203 χ^2/NDF : 33.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.819+/-0.814 χ^2/NDF : 74.5/9

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

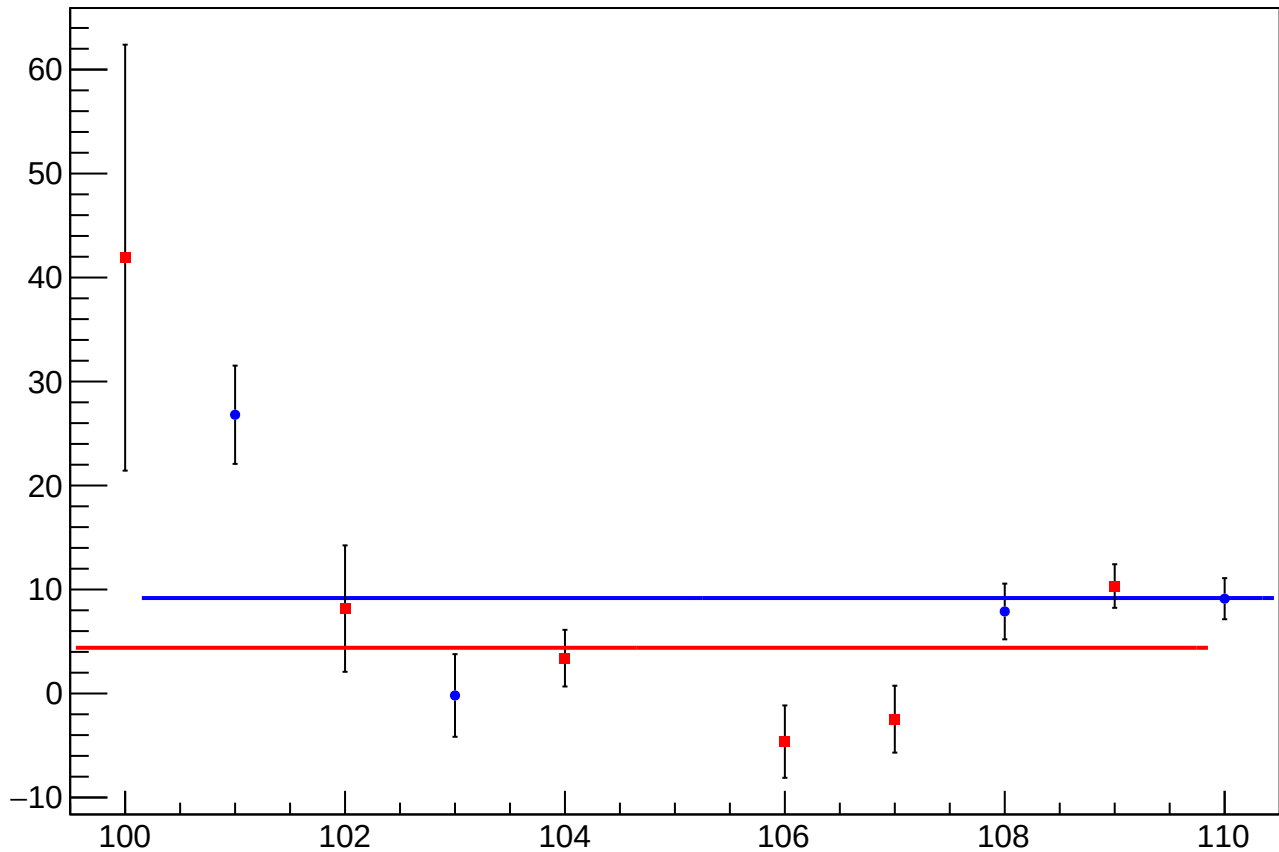
Right: -19.719 ± 0.768 $\chi^2/\text{NDF}: 2115.5/9$

In: -10.146 ± 1.119 $\chi^2/\text{NDF}: 914.9/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.719 ± 0.768 $\chi^2/\text{NDF}: 2115.5/9$

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.179+/-1.409 χ^2/NDF : 19.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.397+/-1.323 χ^2/NDF : 23.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

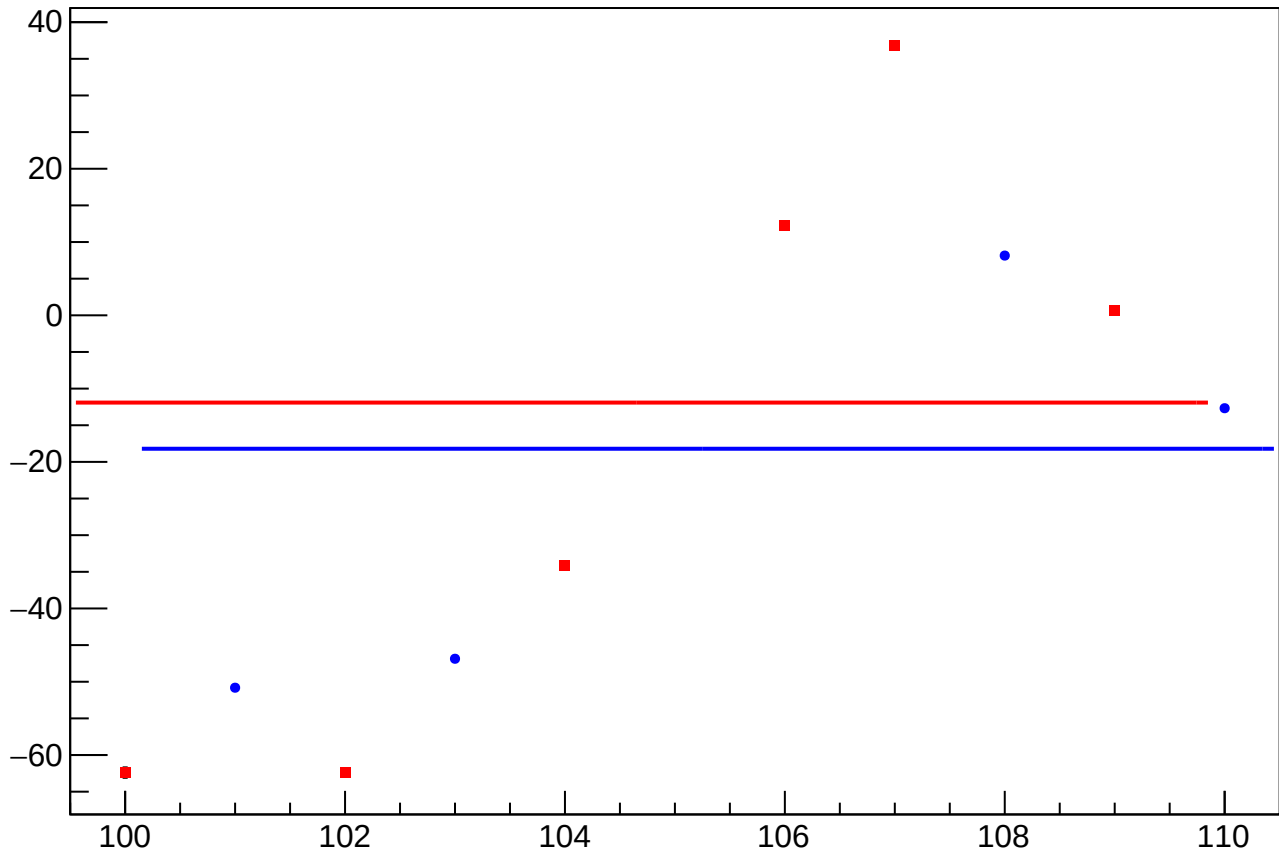
Right: 6.638+/-0.964 χ^2/NDF : 49.0/9

In: 9.179+/-1.409 χ^2/NDF : 19.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.638+/-0.964 χ^2/NDF : 49.0/9

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.207 $\pm$ 0.059 χ^2 /NDF: 187057.5/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.907 $\pm$ 0.058 χ^2 /NDF: 276440.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

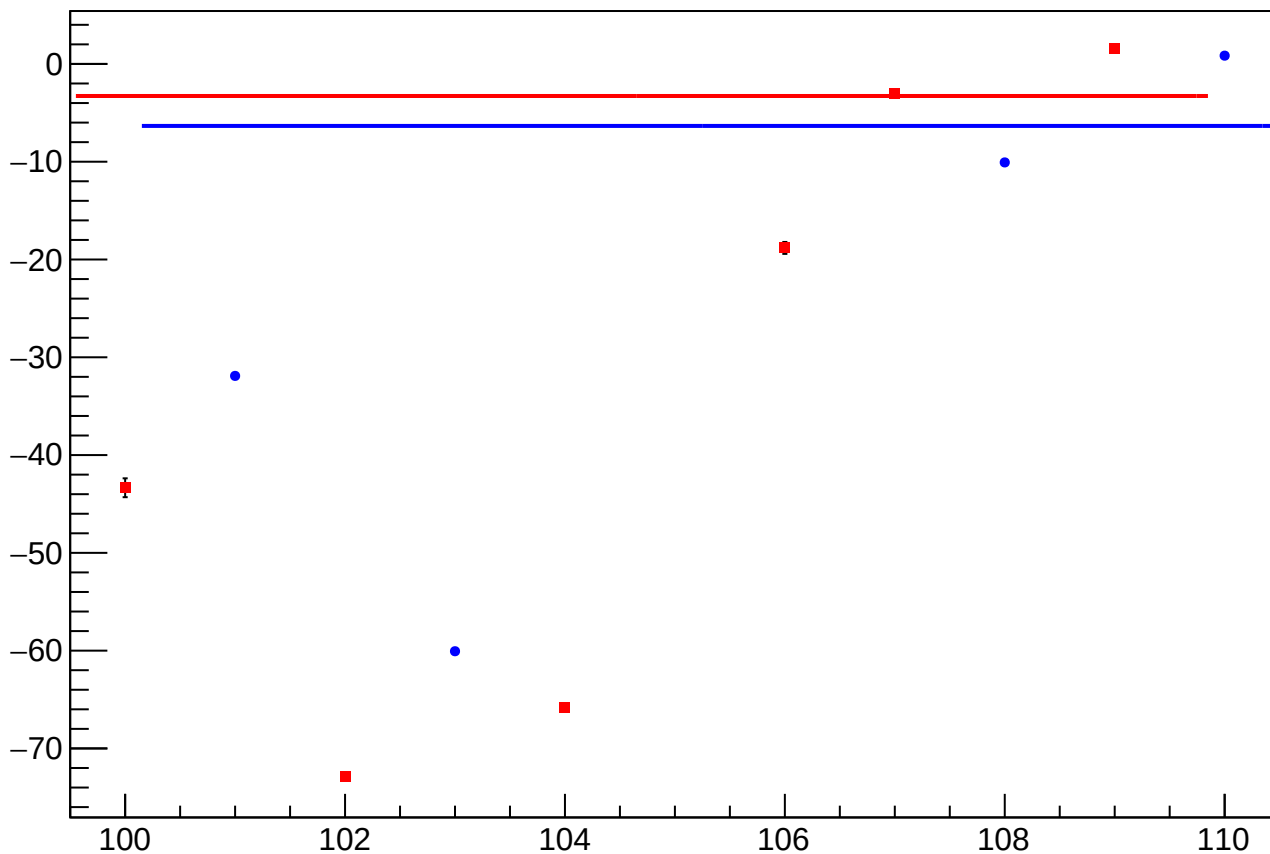
Right: -15.009 $\pm$ 0.041 χ^2 /NDF: 469313.5/9

In: -18.207 $\pm$ 0.059 χ^2 /NDF:187057.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.009 $\pm$ 0.041 χ^2 /NDF: 469313.5/9

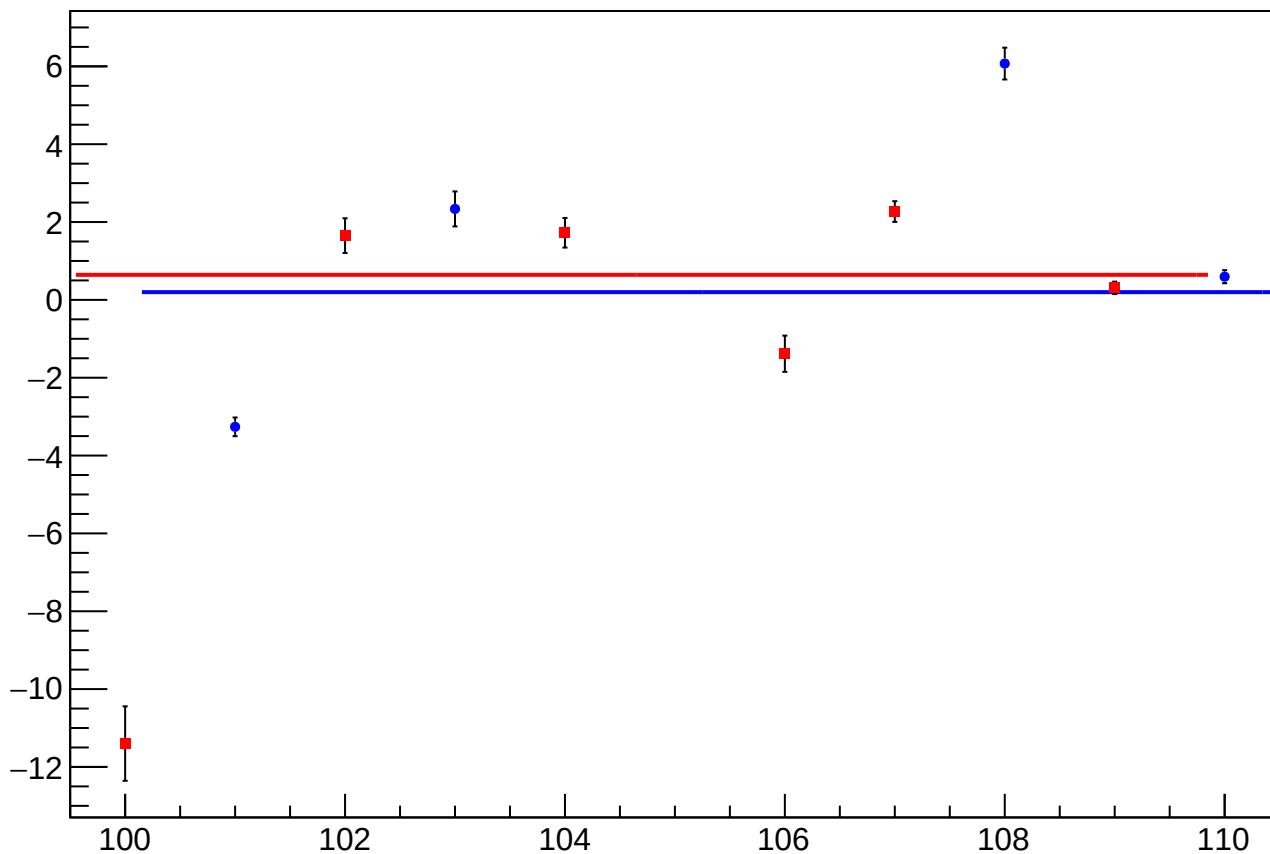
reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.339+/-0.098 χ^2/NDF : 27304.3/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.279+/-0.079 χ^2/NDF : 46072.3/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -4.486+/-0.062 χ^2/NDF : 73966.5/9
 In: -6.339+/-0.098 χ^2/NDF : 27304.3/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.486+/-0.062 χ^2/NDF : 73966.5/9

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.199 $\pm$ 0.125 χ^2 /NDF: 441.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.643 $\pm$ 0.119 χ^2 /NDF: 232.6/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

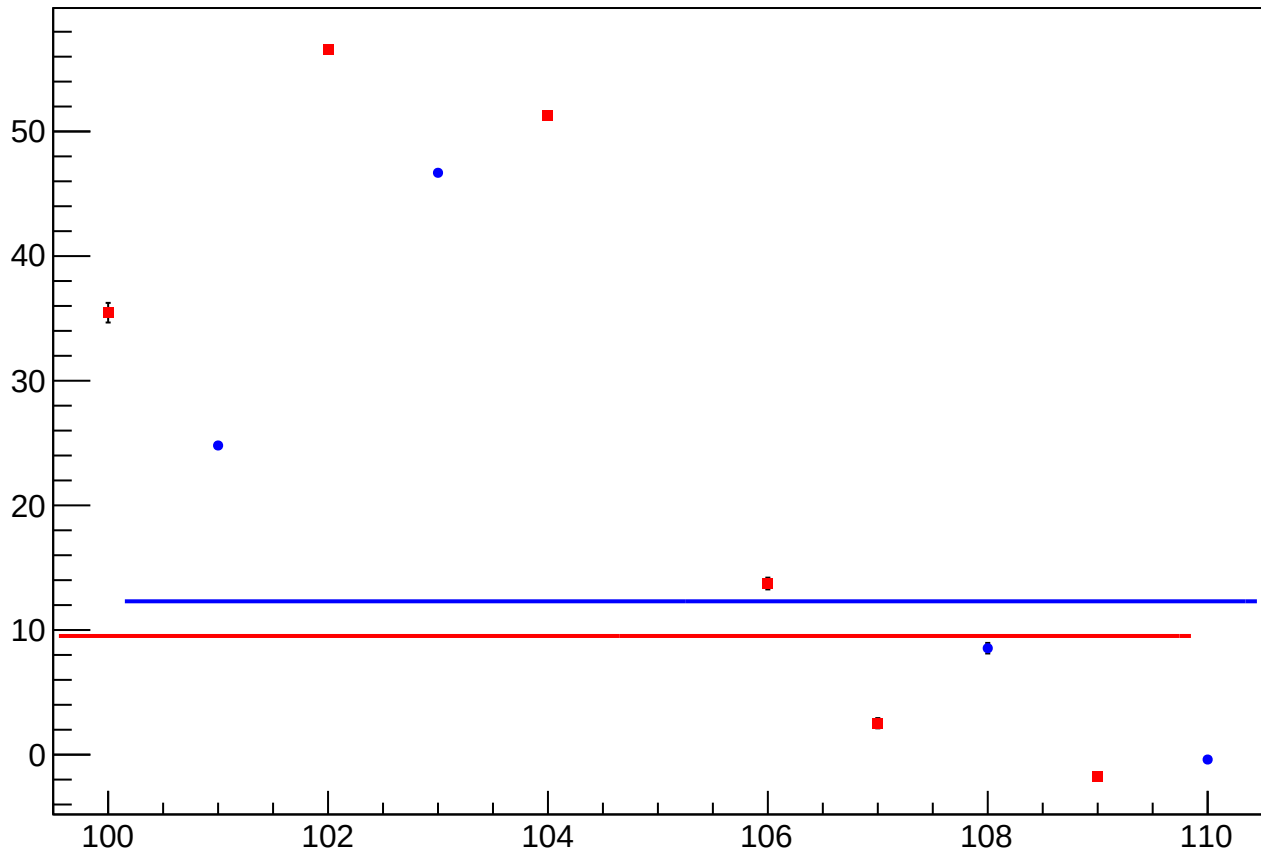
Right: 0.433 $\pm$ 0.086 χ^2 /NDF: 681.0/9

In: 0.199 $\pm$ 0.125 χ^2 /NDF:441.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.433 $\pm$ 0.086 χ^2 /NDF: 681.0/9

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.304+/-0.117 χ^2/NDF : 19798.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.522+/-0.107 χ^2/NDF : 38762.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

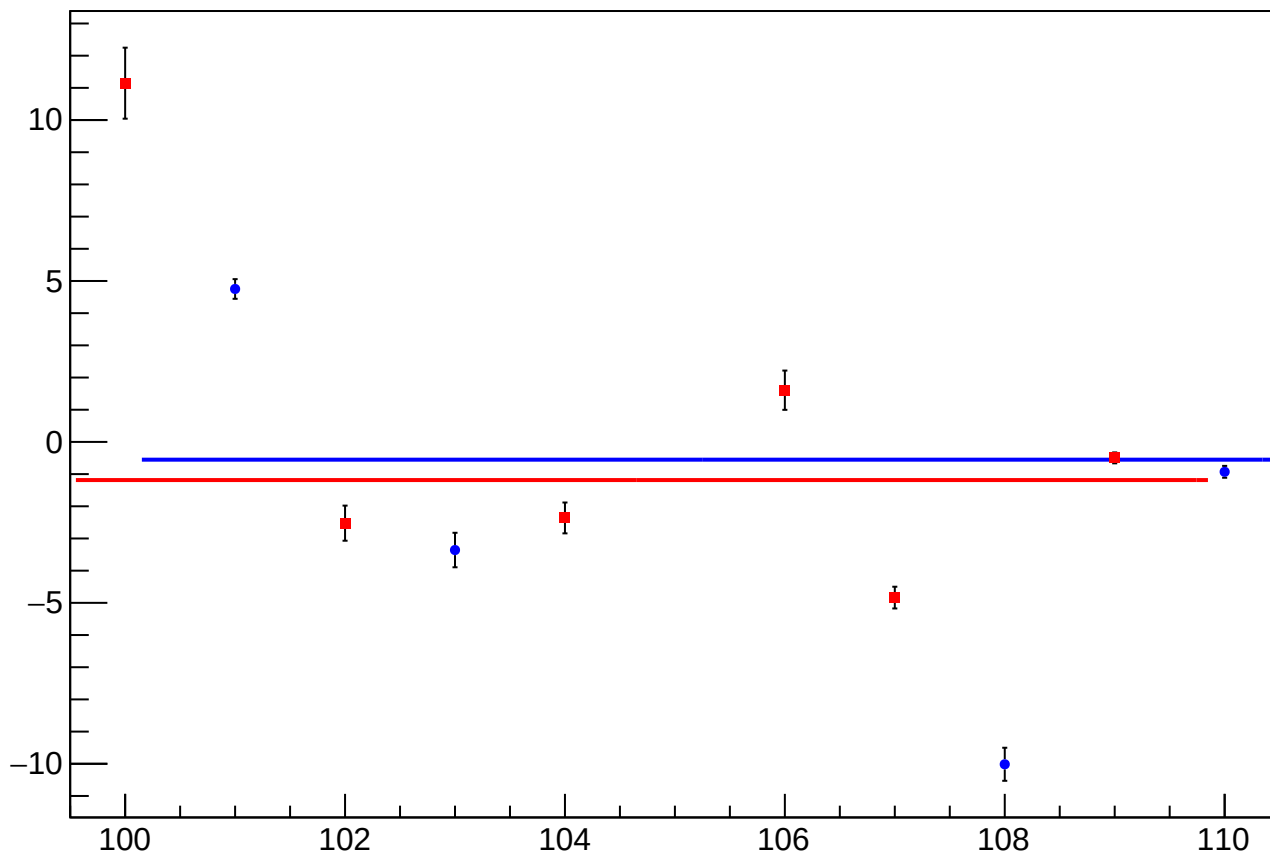
Right: 10.791+/-0.079 χ^2/NDF : 58869.9/9

In: 12.304+/-0.117 χ^2/NDF : 19798.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.791+/-0.079 χ^2/NDF : 58869.9/9

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.552 ± 0.145 χ^2/NDF : 672.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.185 ± 0.135 χ^2/NDF : 291.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

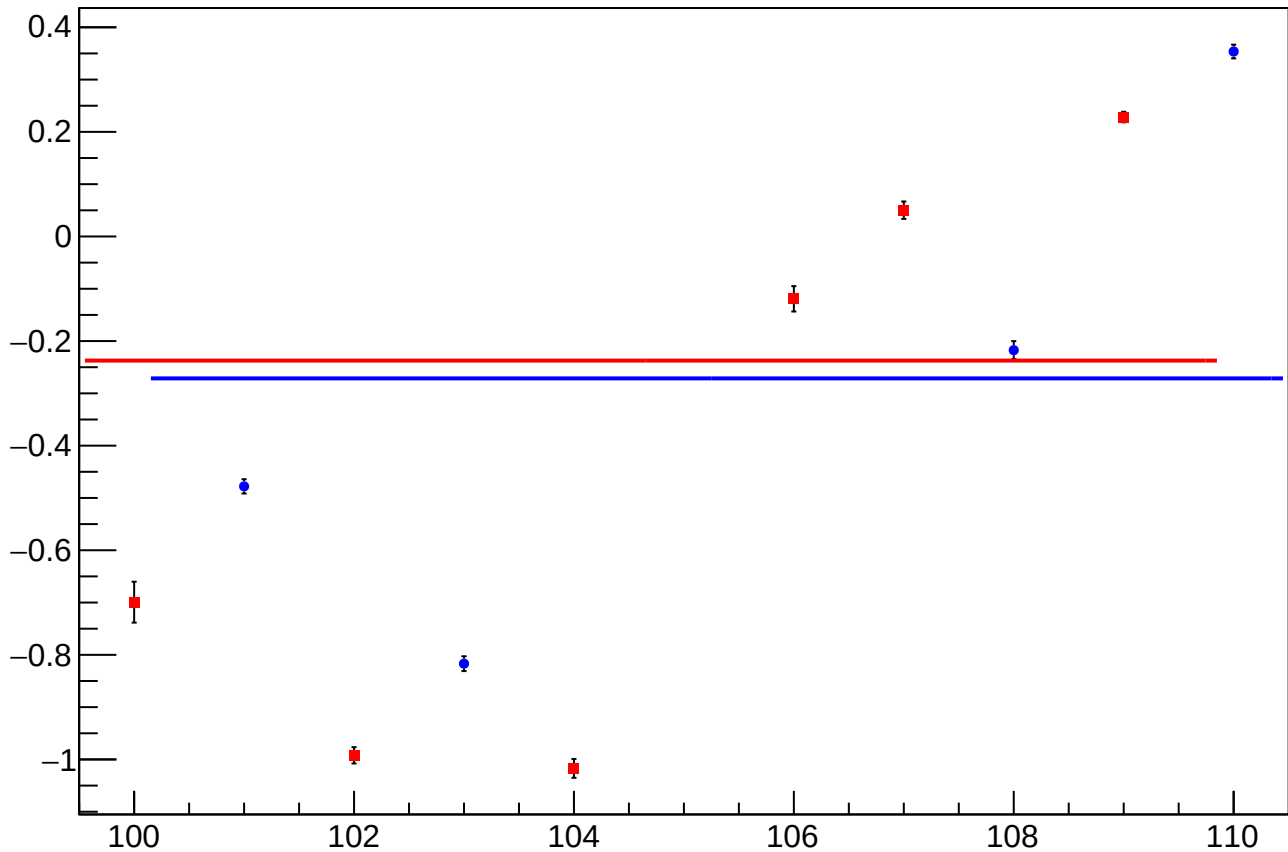
Right: -0.891 ± 0.099 χ^2/NDF : 974.2/9

In: -0.552 ± 0.145 χ^2/NDF : 672.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.891 ± 0.099 χ^2/NDF : 974.2/9

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.271+/-0.007 χ^2/NDF : 4006.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.237+/-0.007 χ^2/NDF : 6825.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

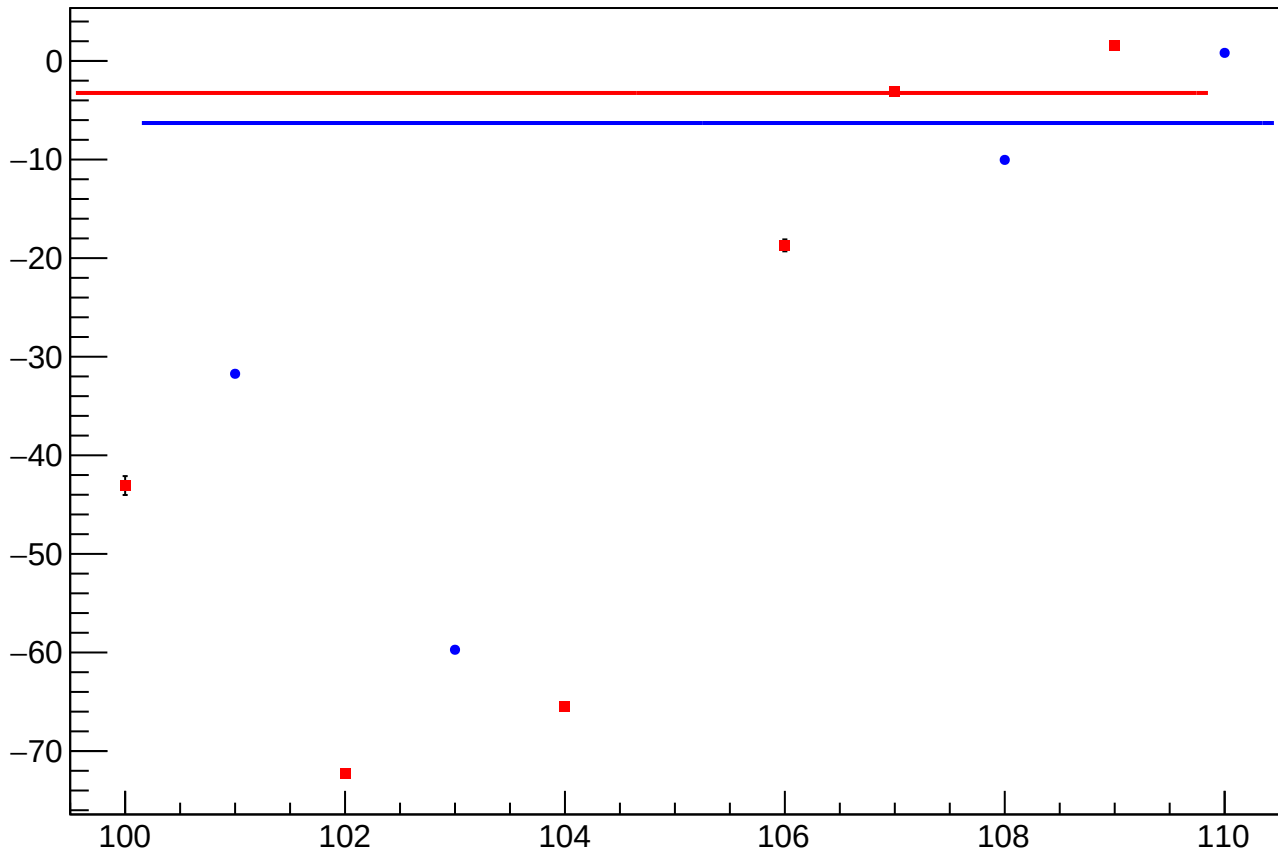
Right: -0.253+/-0.005 χ^2/NDF : 10844.3/9

In: -0.271+/-0.007 χ^2/NDF : 4006.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.253+/-0.005 χ^2/NDF : 10844.3/9

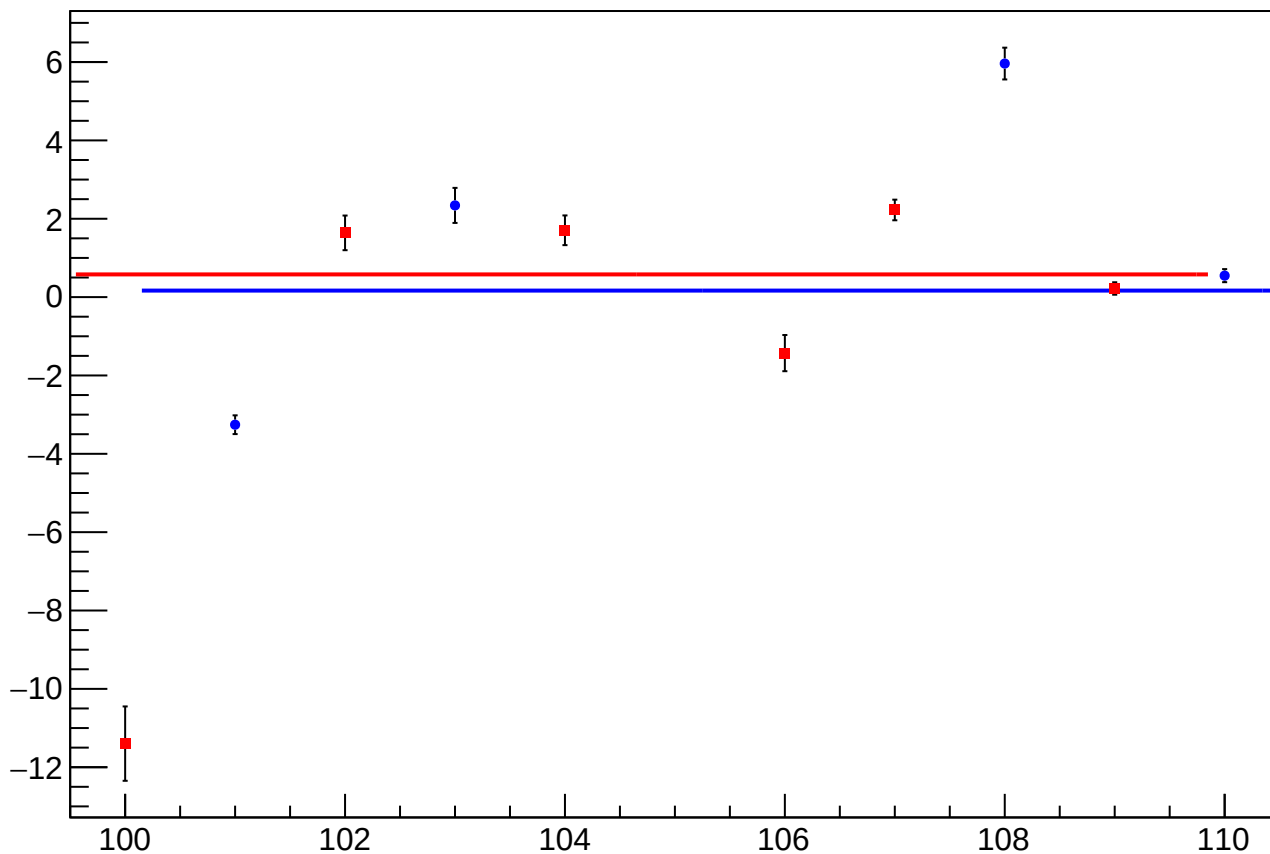
reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.294+/-0.097 χ^2/NDF : 27278.9/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.247+/-0.079 χ^2/NDF : 46052.0/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -4.449+/-0.061 χ^2/NDF : 73924.3/9
 In: -6.294+/-0.097 χ^2/NDF : 27278.9/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.449+/-0.061 χ^2/NDF : 73924.3/9

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.166+/-0.125 χ^2/NDF : 437.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.579+/-0.118 χ^2/NDF : 237.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

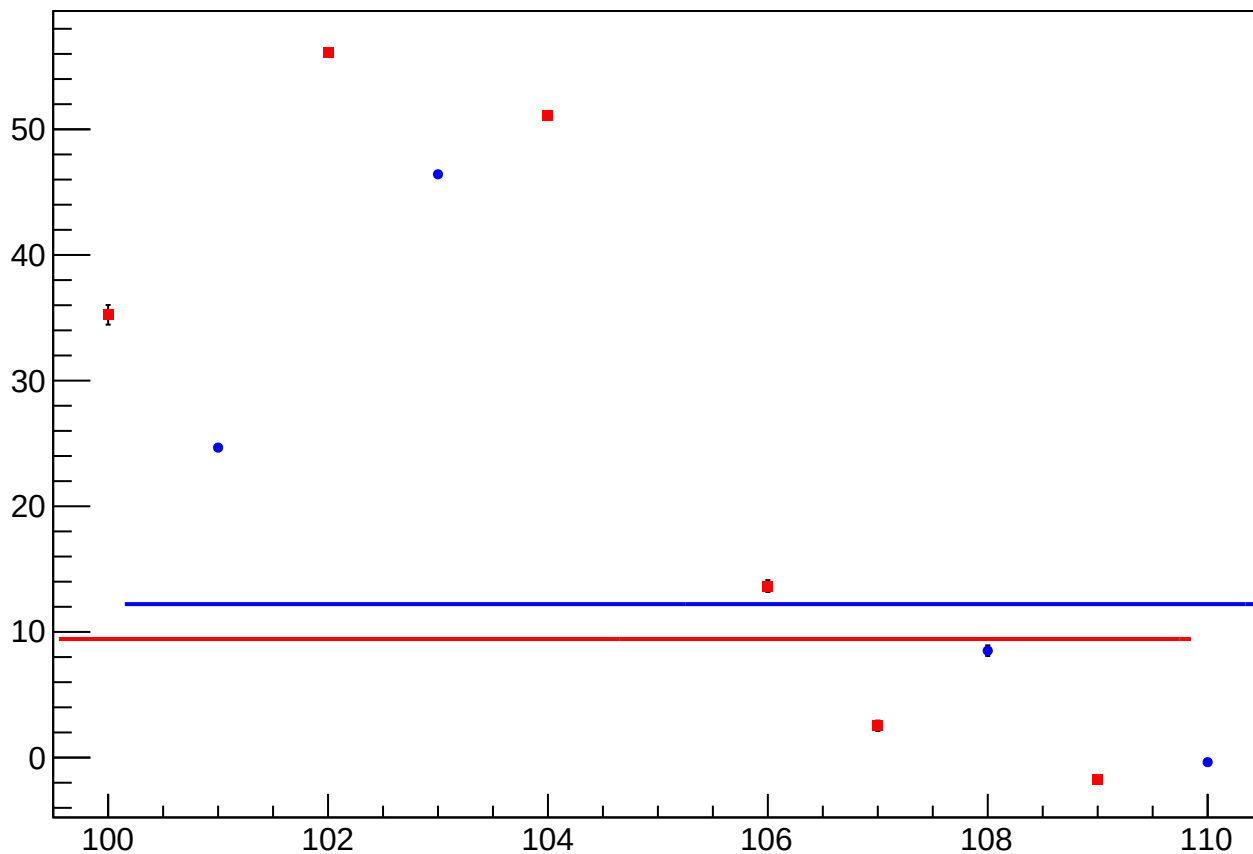
Right: 0.384+/-0.086 χ^2/NDF : 680.5/9

In: 0.166+/-0.125 χ^2/NDF : 437.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.384+/-0.086 χ^2/NDF : 680.5/9

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.214+/-0.116 χ^2/NDF : 19787.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.437+/-0.106 χ^2/NDF : 38760.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

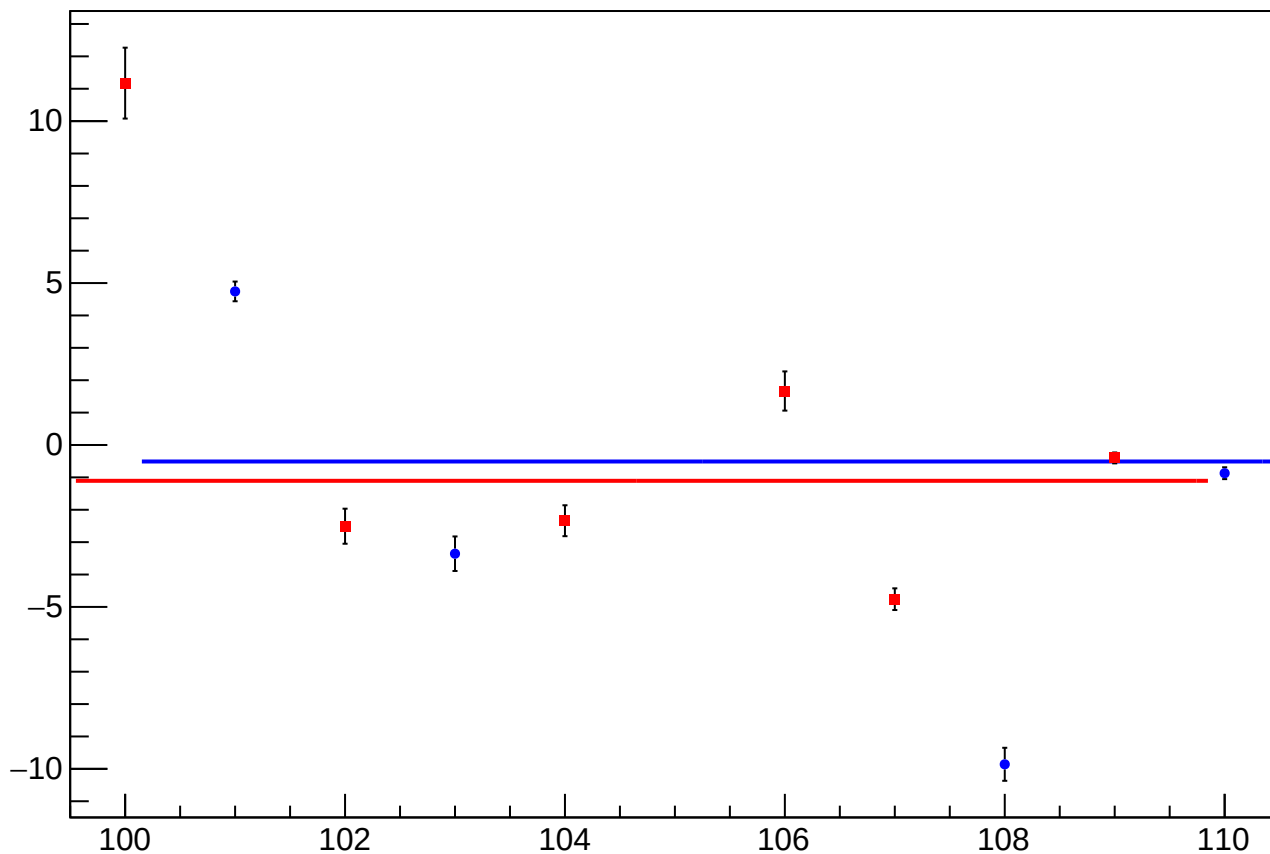
Right: 10.704+/-0.078 χ^2/NDF : 58860.0/9

In: 12.214+/-0.116 χ^2/NDF : 19787.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.704+/-0.078 χ^2/NDF : 58860.0/9

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.509+/-0.144 χ^2/NDF : 667.5/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.106+/-0.134 χ^2/NDF : 297.0/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

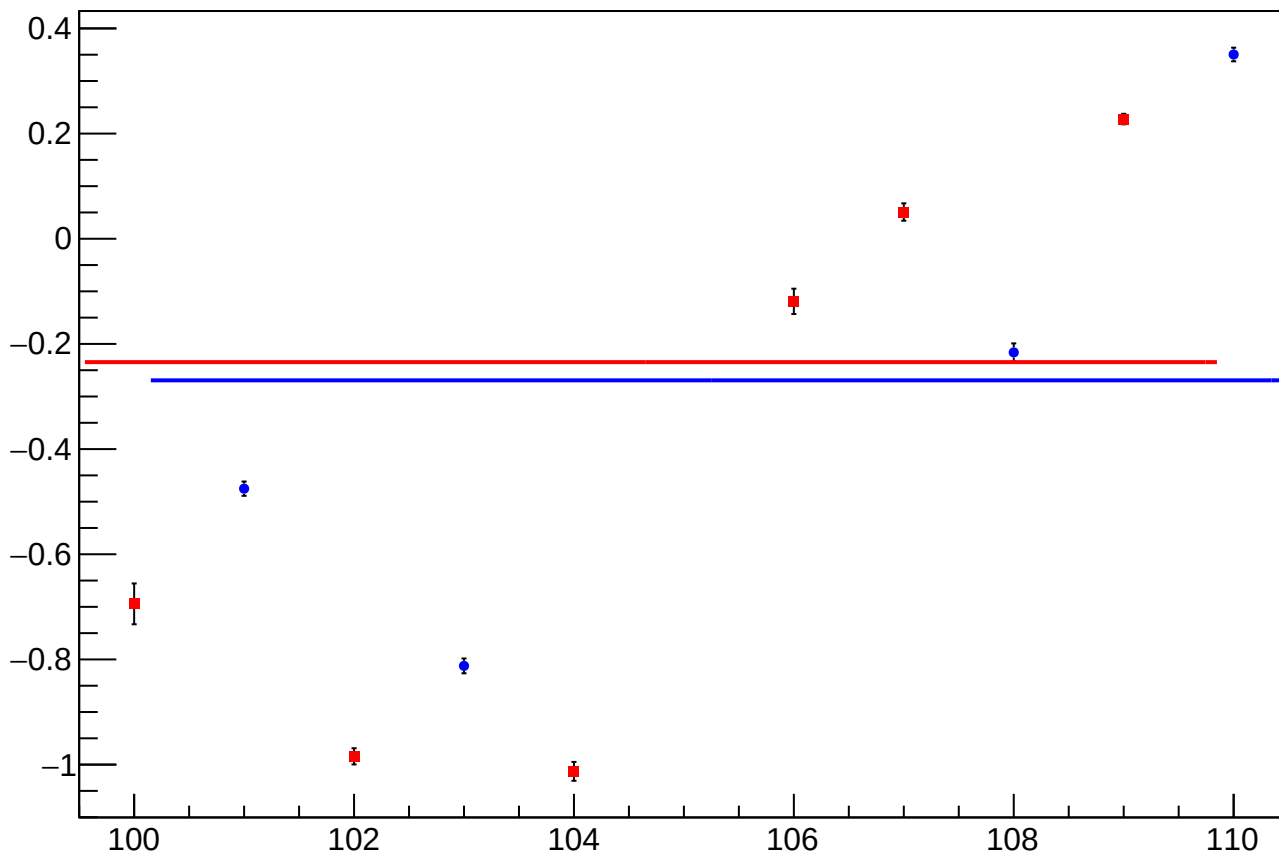
Right: -0.830+/-0.098 χ^2/NDF : 973.7/9

In: -0.509+/-0.144 χ^2/NDF :667.5/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.830+/-0.098 χ^2/NDF : 973.7/9

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.269+/-0.007 χ^2/NDF : 4004.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.235+/-0.007 χ^2/NDF : 6839.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

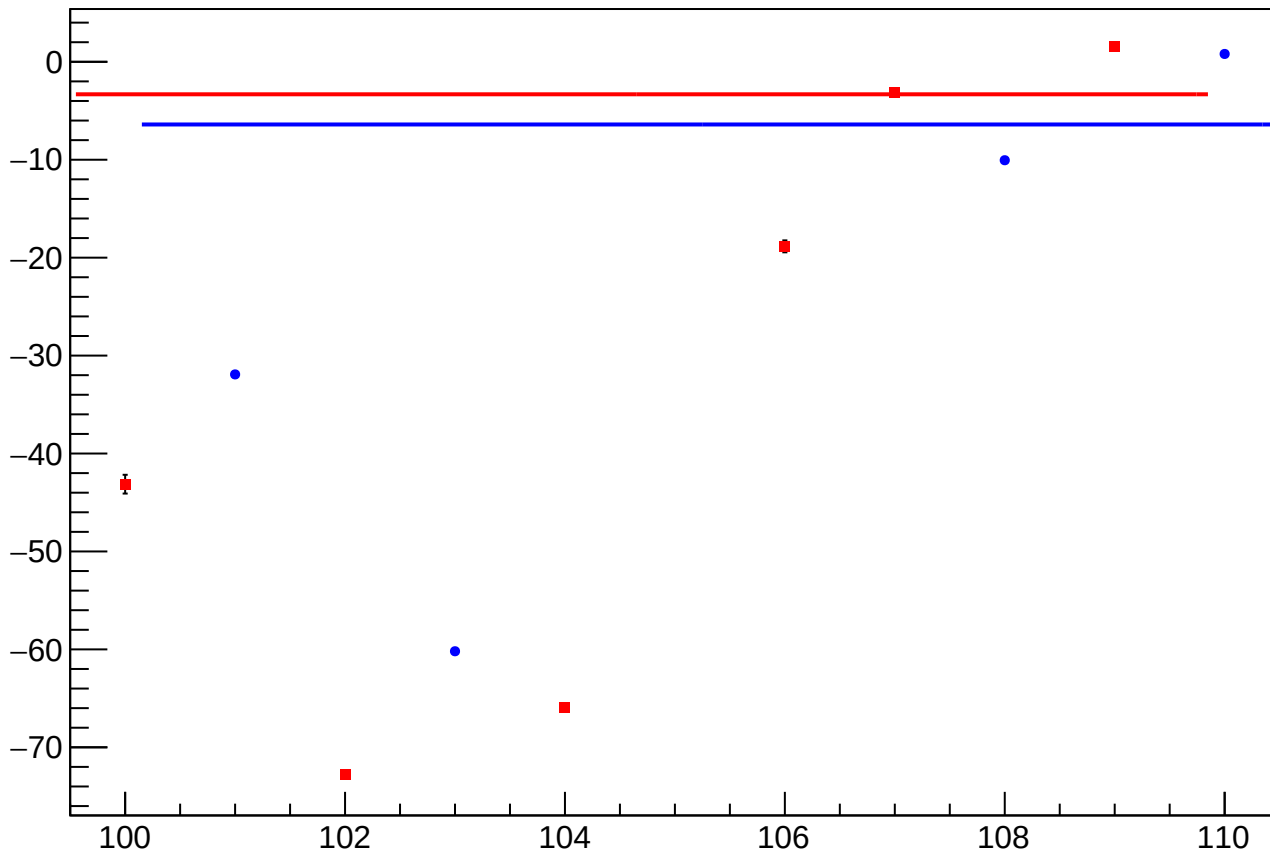
Right: -0.251+/-0.005 χ^2/NDF : 10857.0/9

In: -0.269+/-0.007 χ^2/NDF : 4004.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.251+/-0.005 χ^2/NDF : 10857.0/9

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.400+/-0.098 χ^2/NDF : 27271.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.318+/-0.079 χ^2/NDF : 46020.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

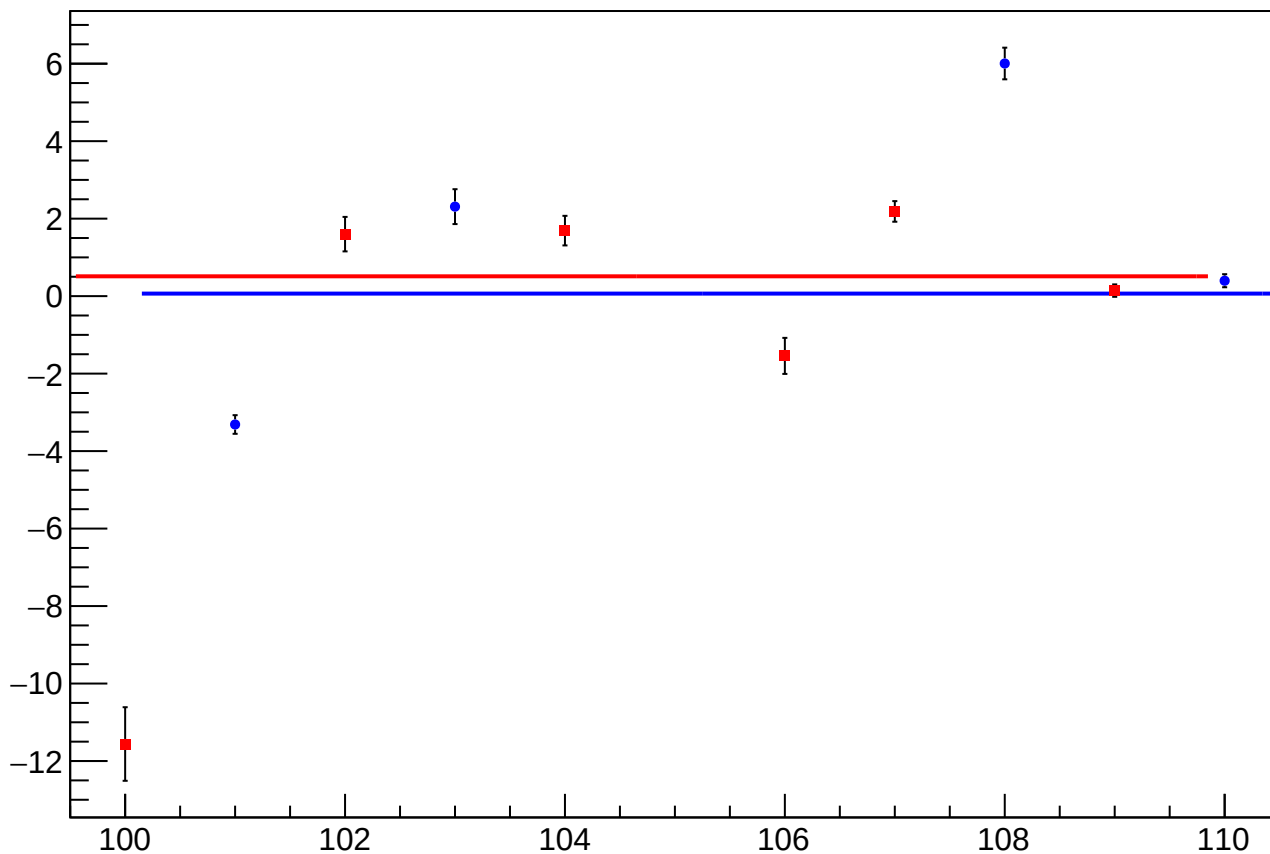
Right: -4.534+/-0.062 χ^2/NDF : 73887.2/9

In: -6.400+/-0.098 χ^2/NDF : 27271.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.534+/-0.062 χ^2/NDF : 73887.2/9

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.065+/-0.126 χ^2/NDF : 437.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.511+/-0.119 χ^2/NDF : 241.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

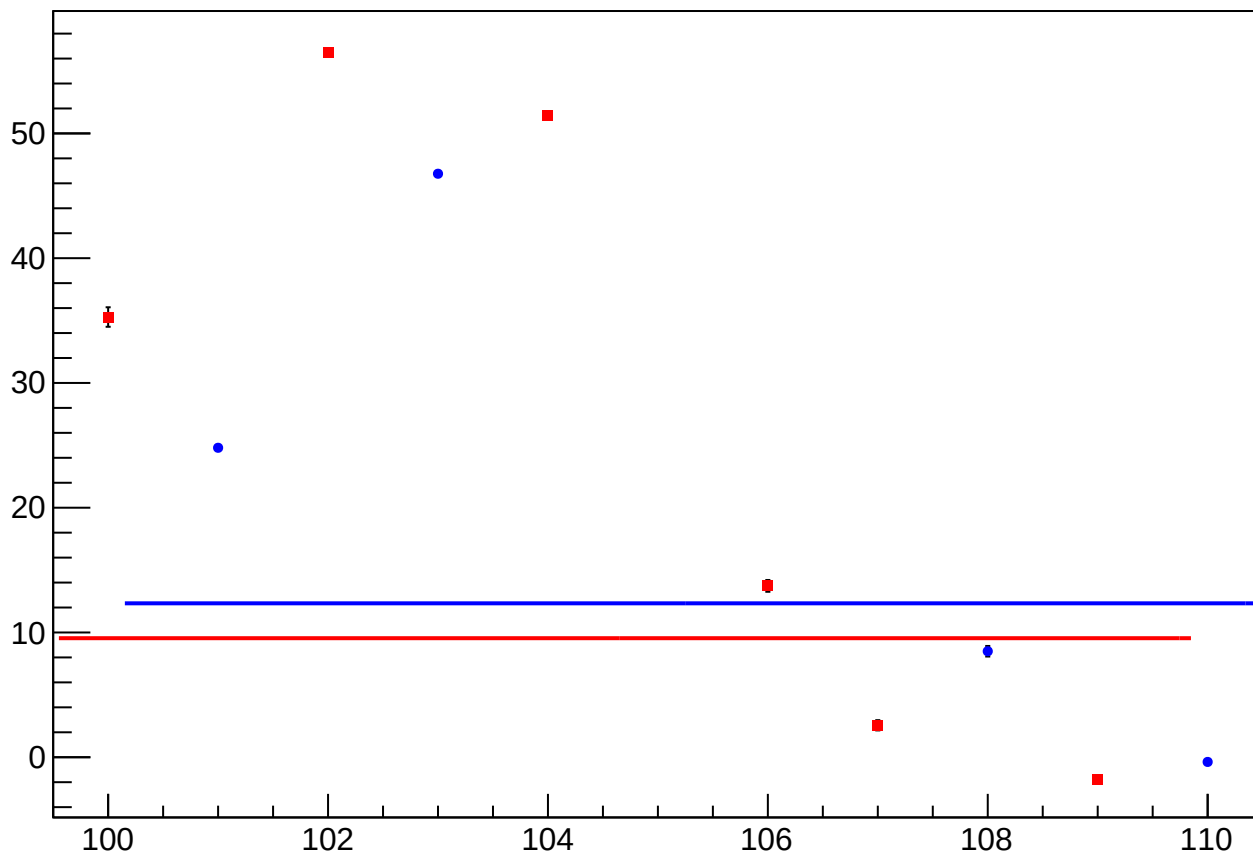
Right: 0.301+/-0.086 χ^2/NDF : 685.7/9

In: 0.065+/-0.126 χ^2/NDF : 437.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.301+/-0.086 χ^2/NDF : 685.7/9

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.337+/-0.117 χ^2/NDF : 19775.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.542+/-0.107 χ^2/NDF : 38723.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

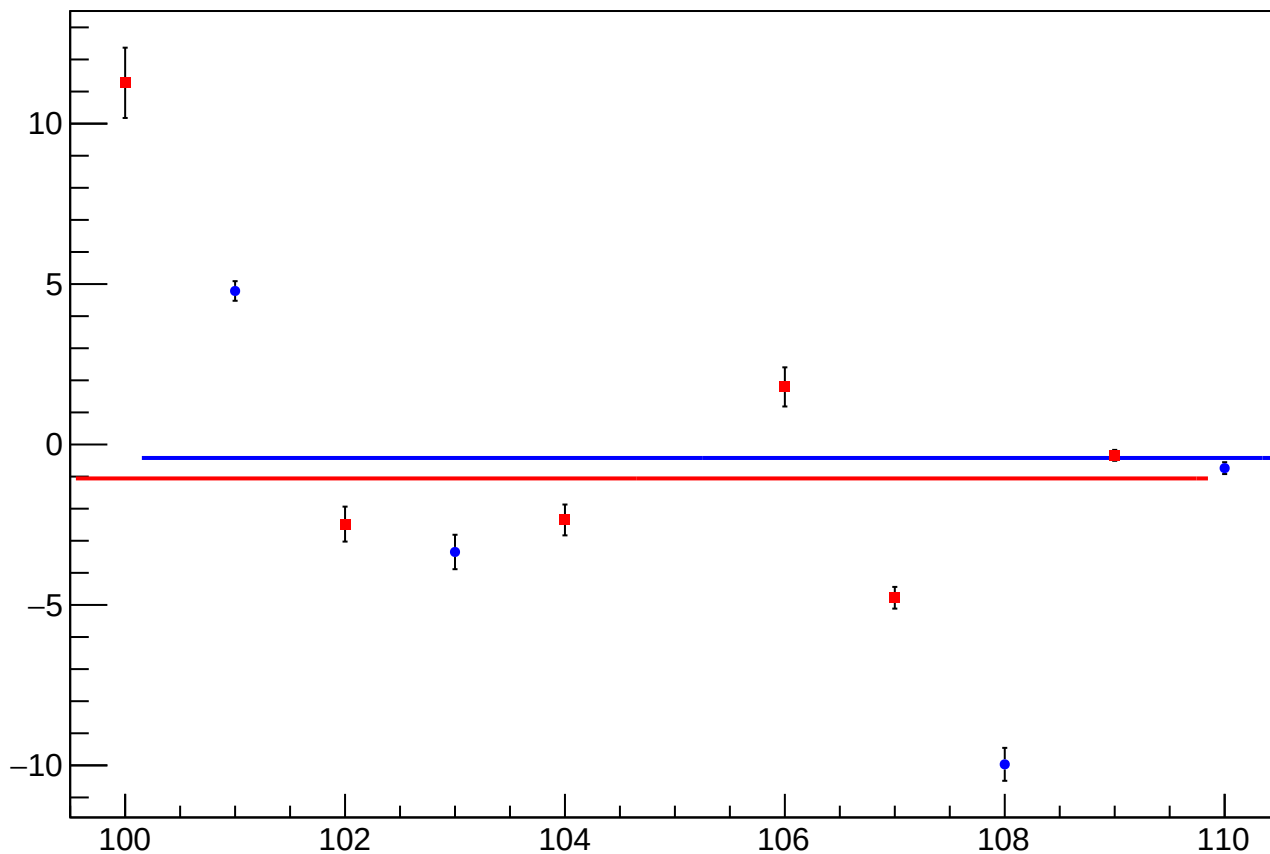
Right: 10.818+/-0.079 χ^2/NDF : 58809.6/9

In: 12.337+/-0.117 χ^2/NDF : 19775.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.818+/-0.079 χ^2/NDF : 58809.6/9

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.420 ± 0.145 χ^2/NDF : 668.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.057 ± 0.135 χ^2/NDF : 301.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

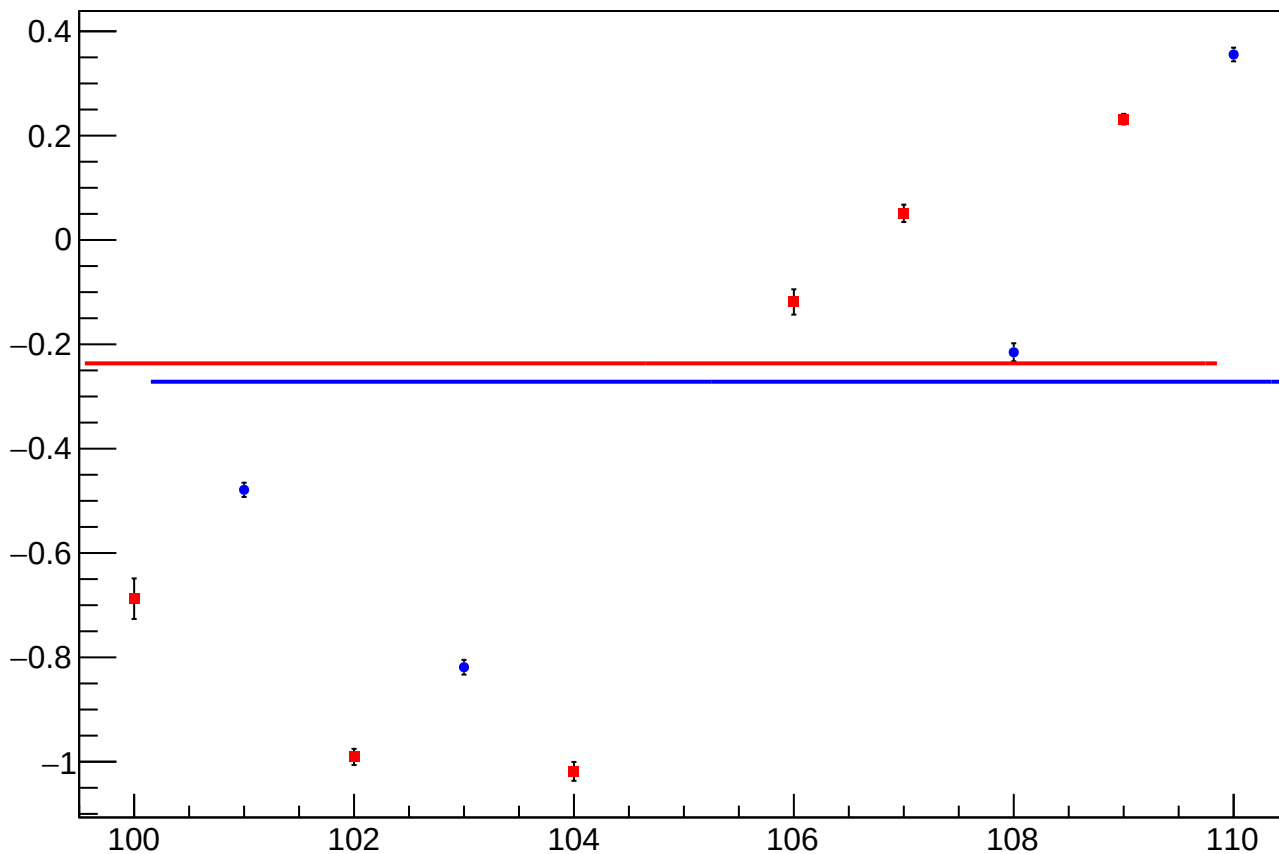
Right: -0.762 ± 0.099 χ^2/NDF : 980.6/9

In: -0.420 ± 0.145 χ^2/NDF : 668.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.762 ± 0.099 χ^2/NDF : 980.6/9

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.272+/-0.007 χ^2/NDF : 4018.3/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.236+/-0.007 χ^2/NDF : 6833.4/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

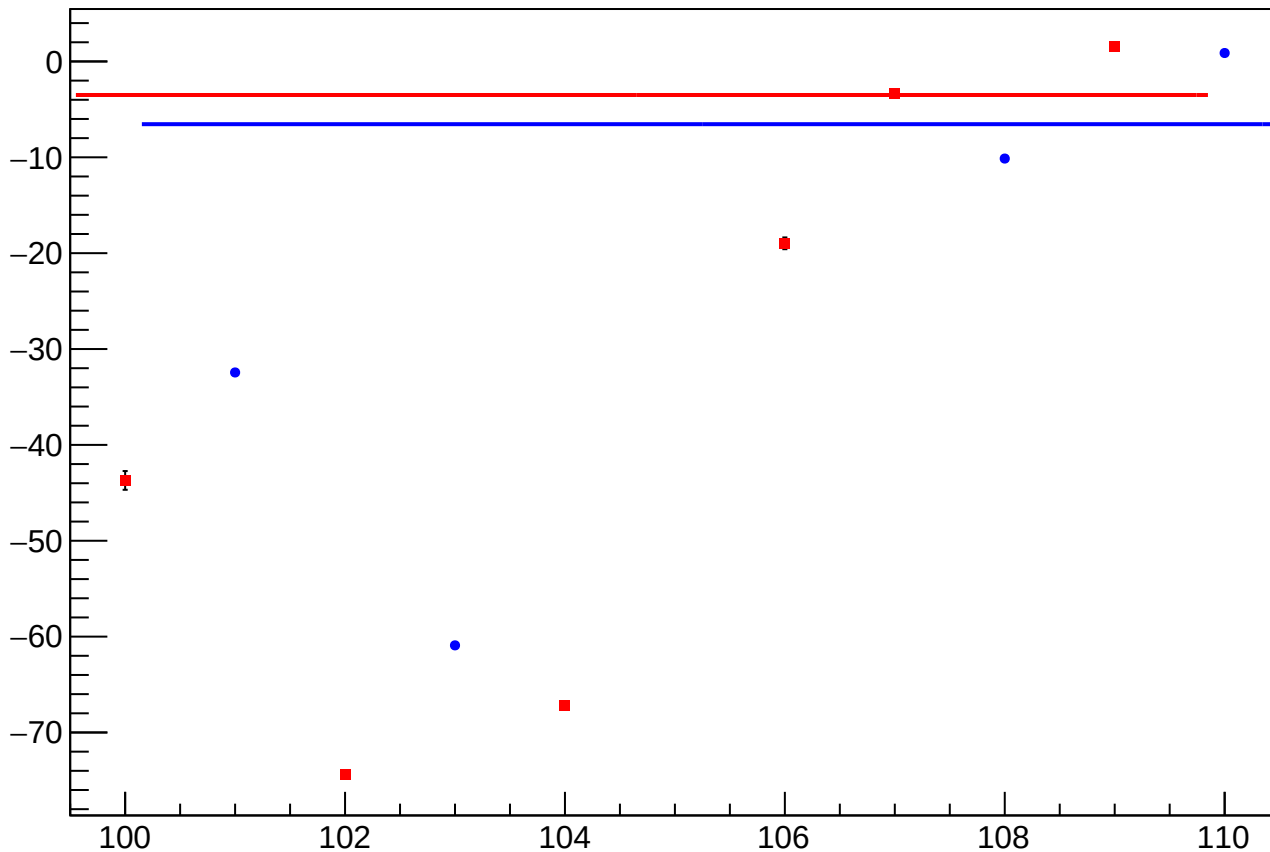
Right: -0.253+/-0.005 χ^2/NDF : 10864.8/9

In: -0.272+/-0.007 χ^2/NDF :4018.3/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.253+/-0.005 χ^2/NDF : 10864.8/9

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.544+/-0.101 χ^2/NDF : 26878.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.500+/-0.082 χ^2/NDF : 45671.4/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

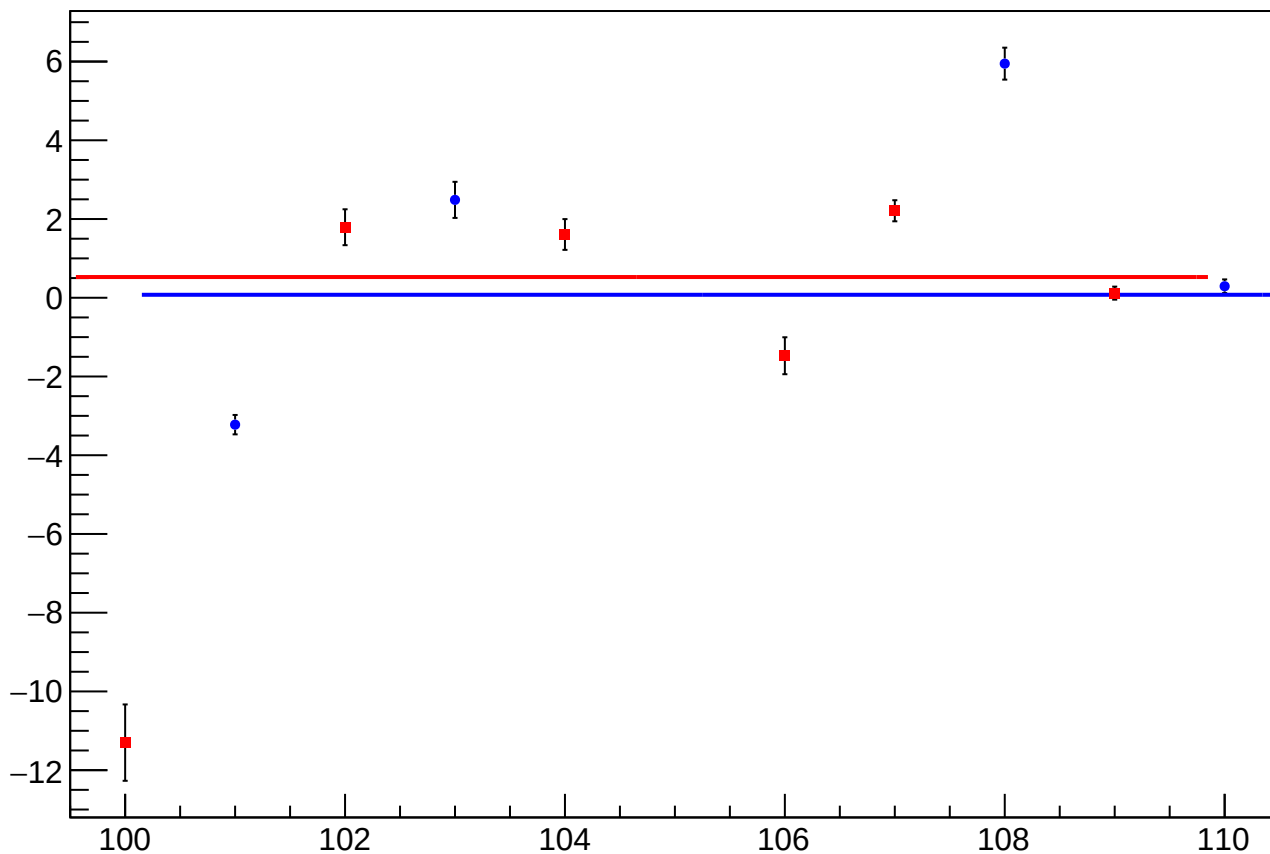
Right: -4.705+/-0.064 χ^2/NDF : 73099.5/9

In: -6.544+/-0.101 χ^2/NDF : 26878.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.705+/-0.064 χ^2/NDF : 73099.5/9

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.076+/-0.129 χ^2/NDF : 417.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.527+/-0.122 χ^2/NDF : 227.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

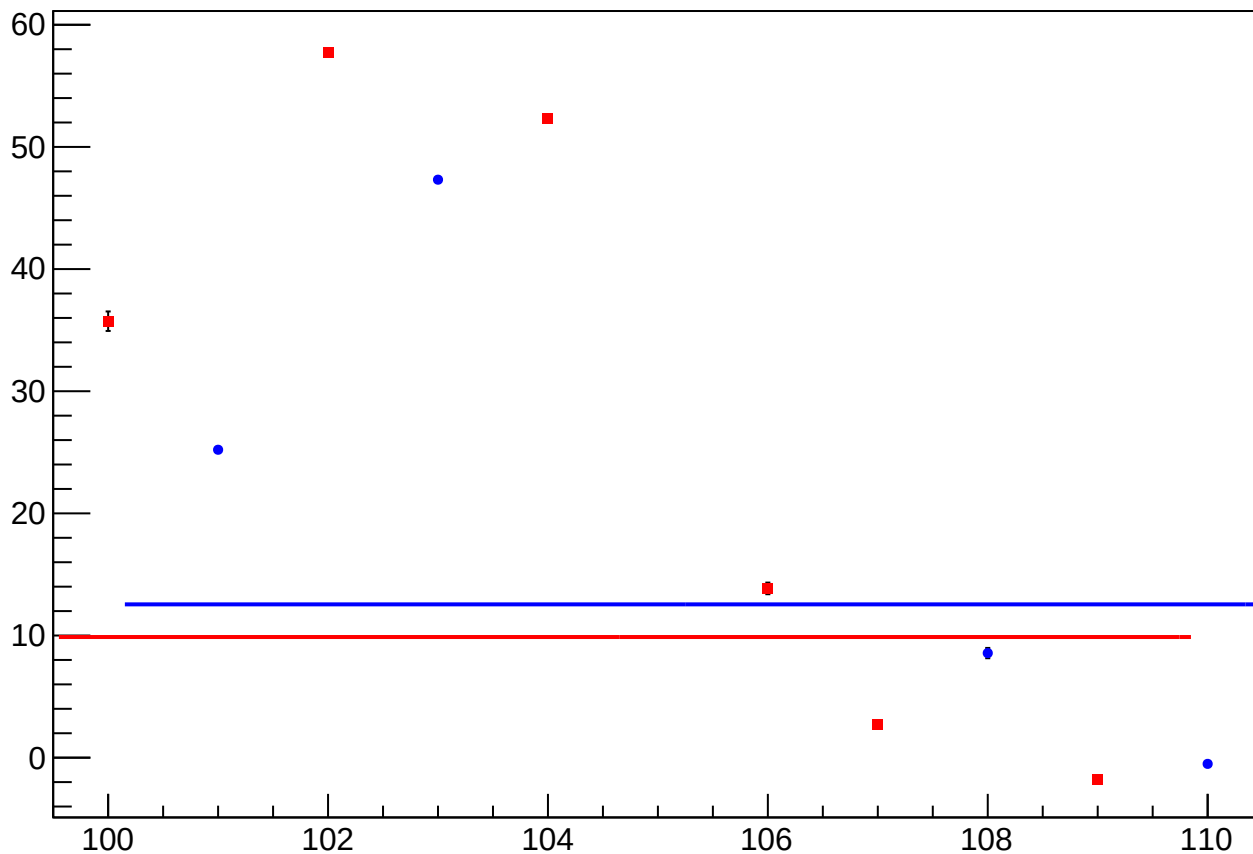
Right: 0.314+/-0.088 χ^2/NDF : 652.3/9

In: 0.076+/-0.129 χ^2/NDF : 417.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.314+/-0.088 χ^2/NDF : 652.3/9

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.551+/-0.120 χ^2/NDF : 19499.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.877+/-0.110 χ^2/NDF : 38344.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

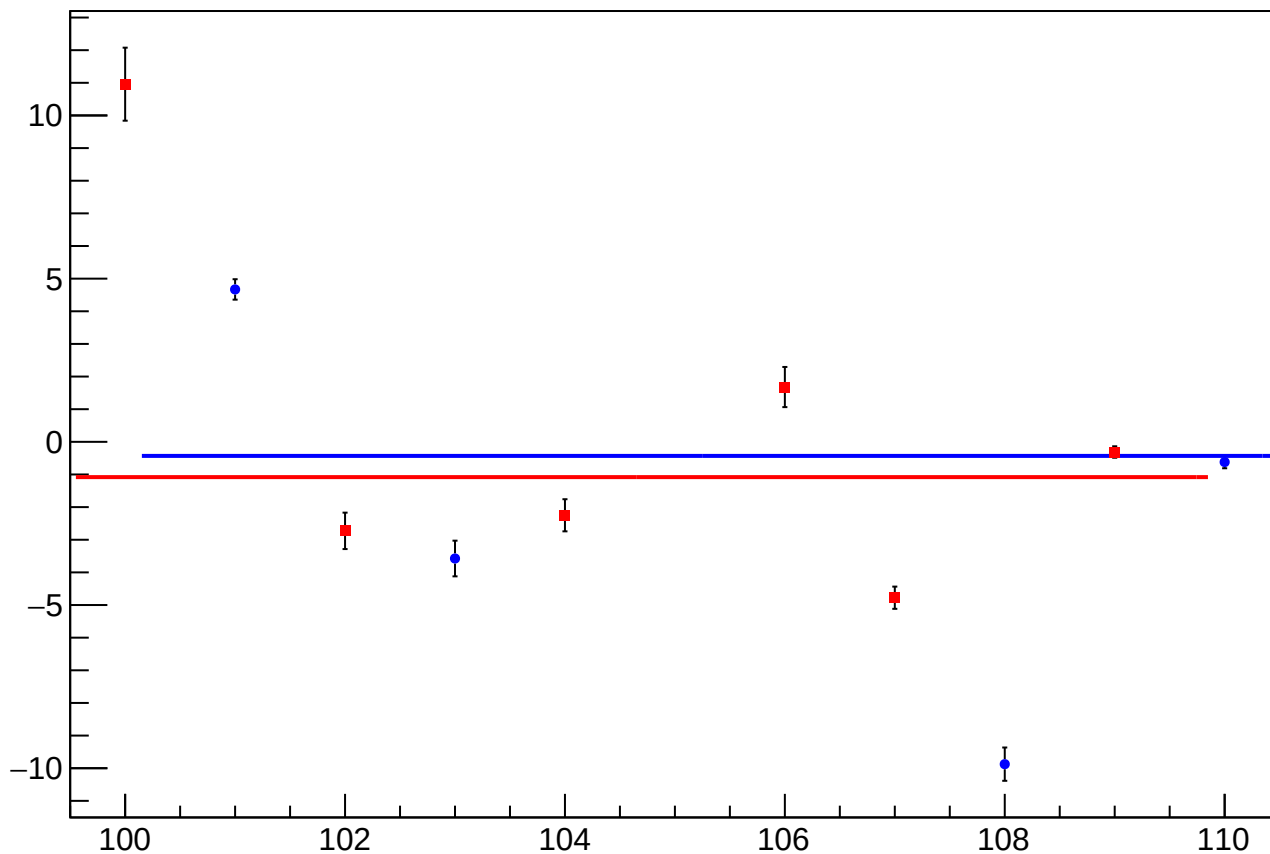
Right: 11.101+/-0.081 χ^2/NDF : 58114.7/9

In: 12.551+/-0.120 χ^2/NDF : 19499.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.101+/-0.081 χ^2/NDF : 58114.7/9

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.431 ± 0.149 χ^2/NDF : 642.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.081 ± 0.139 χ^2/NDF : 287.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

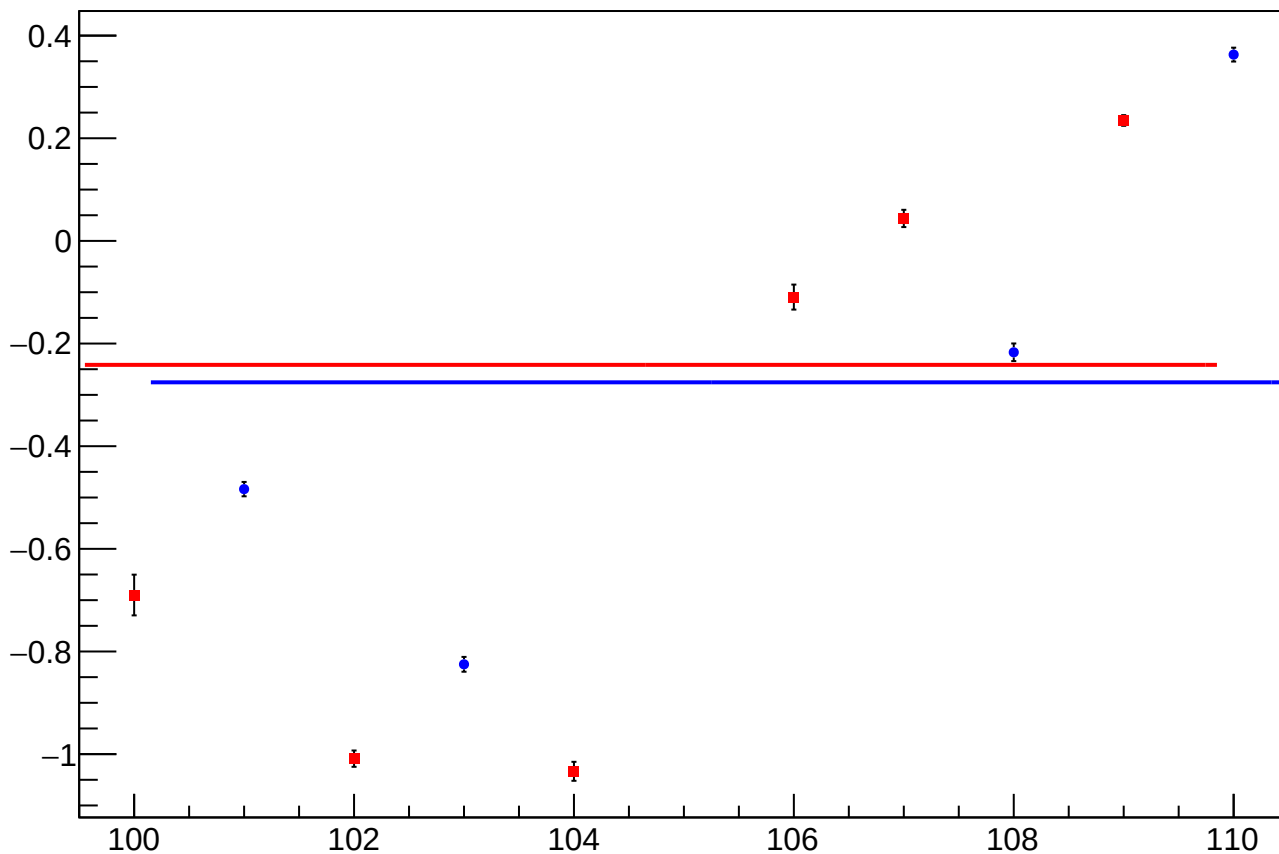
Right: -0.780 ± 0.102 χ^2/NDF : 940.2/9

In: -0.431 ± 0.149 χ^2/NDF : 642.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.780 ± 0.102 χ^2/NDF : 940.2/9

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.276+/-0.007 χ^2/NDF : 3911.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.242+/-0.007 χ^2/NDF : 6712.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

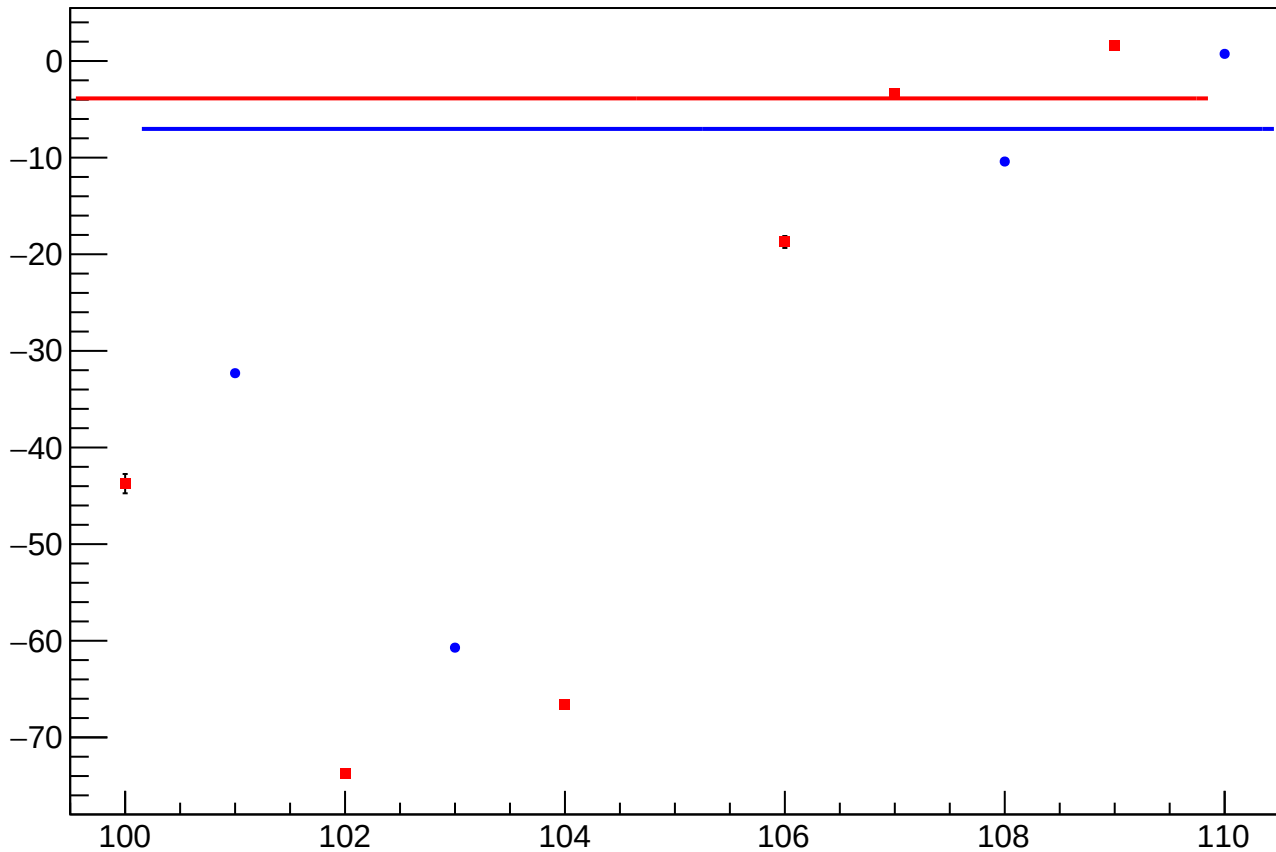
Right: -0.257+/-0.005 χ^2/NDF : 10636.0/9

In: -0.276+/-0.007 χ^2/NDF : 3911.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.257+/-0.005 χ^2/NDF : 10636.0/9

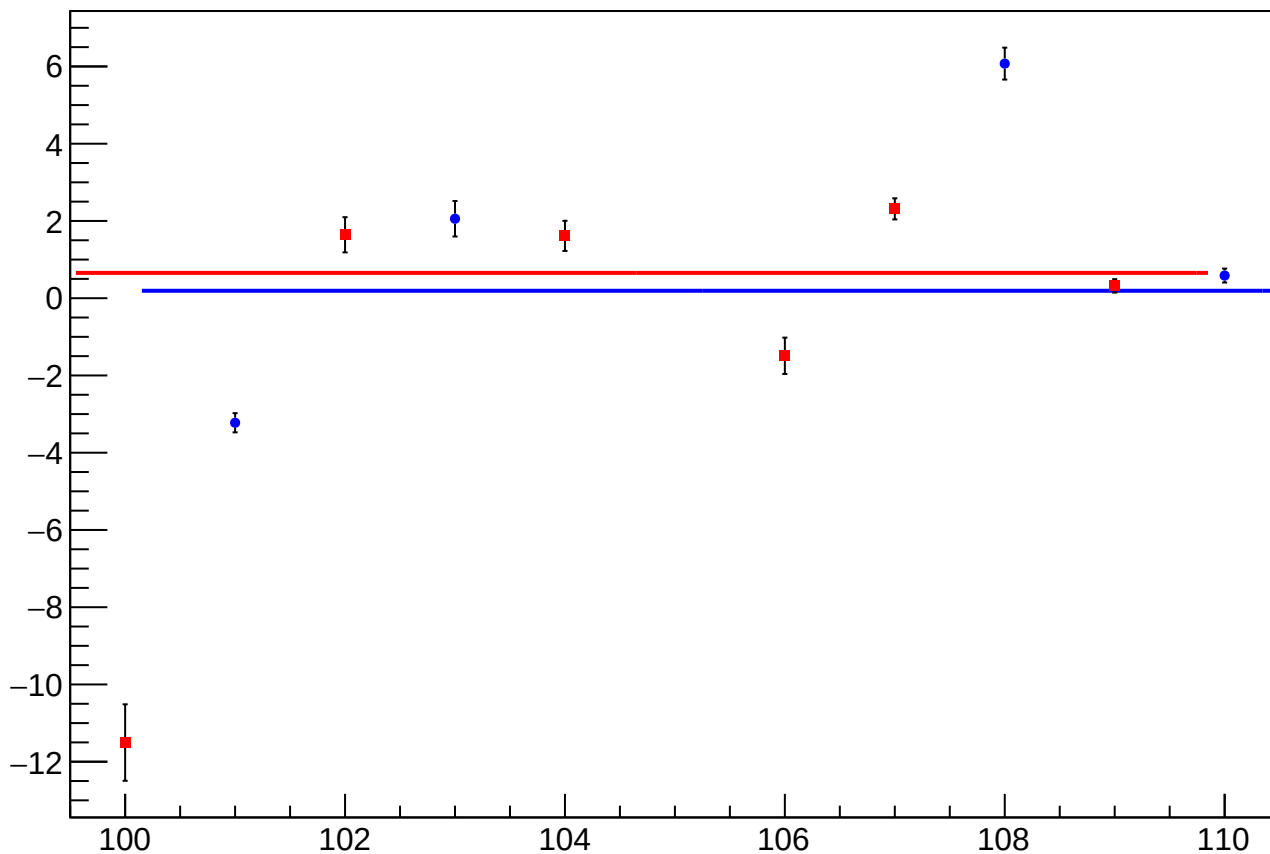
reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.028+/-0.104 χ^2/NDF : 26059.5/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.870+/-0.085 χ^2/NDF : 44661.7/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -5.139+/-0.066 χ^2/NDF : 71271.0/9
 In: -7.028+/-0.104 χ^2/NDF : 26059.5/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.139+/-0.066 χ^2/NDF : 71271.0/9

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.132 χ^2/NDF : 413.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.656+/-0.126 χ^2/NDF : 222.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

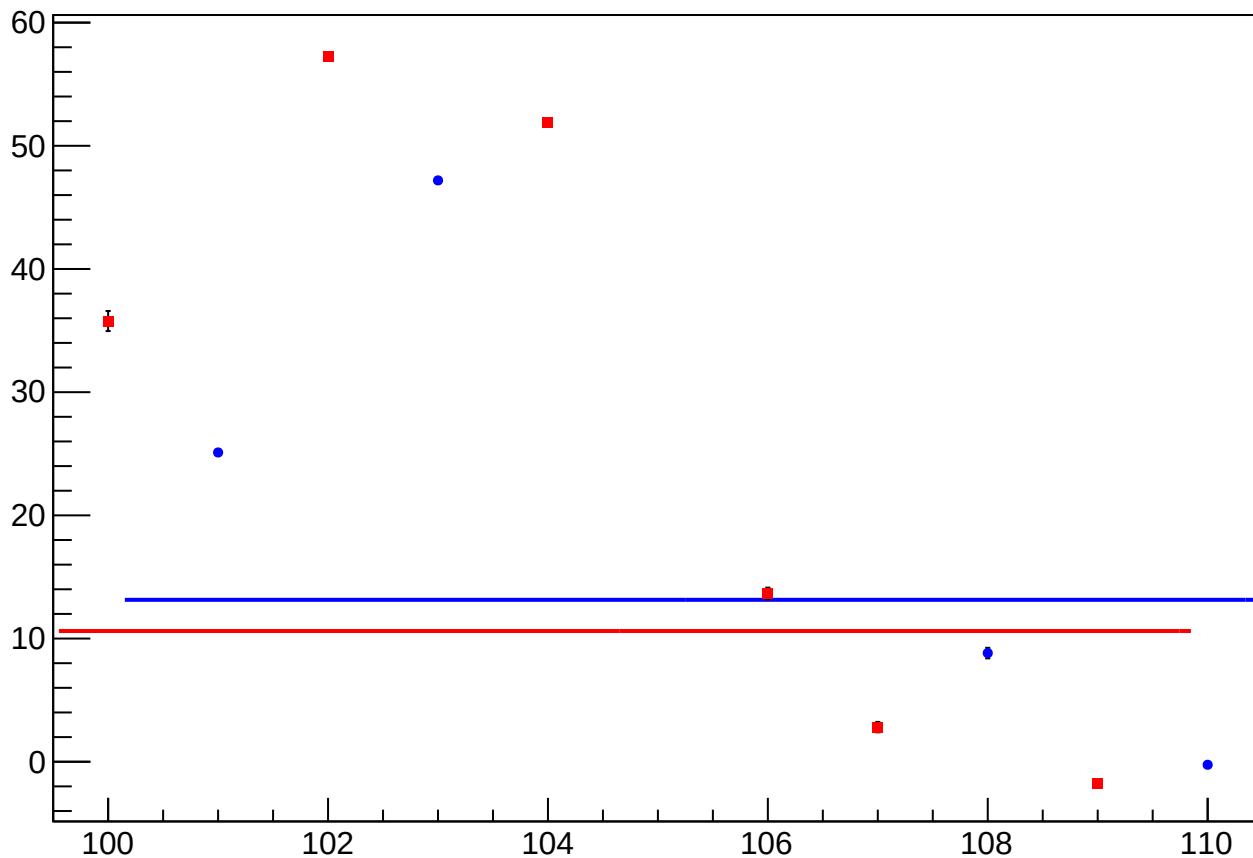
Right: 0.435+/-0.091 χ^2/NDF : 642.9/9

In: 0.193+/-0.132 χ^2/NDF : 413.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.435+/-0.091 χ^2/NDF : 642.9/9

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.145+/-0.123 χ^2/NDF : 18565.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.613+/-0.114 χ^2/NDF : 36960.8/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

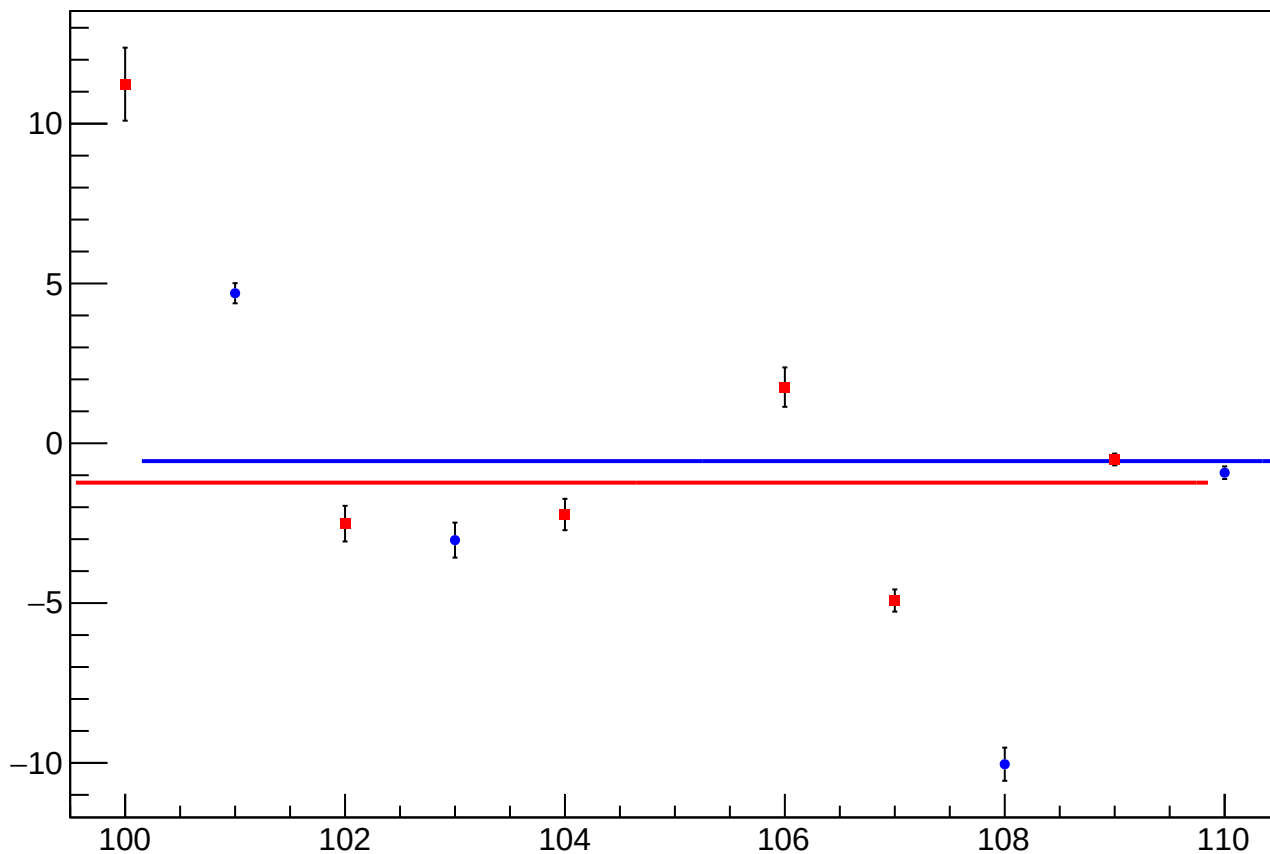
Right: 11.785+/-0.083 χ^2/NDF : 55755.2/9

In: 13.145+/-0.123 χ^2/NDF : 18565.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.785+/-0.083 χ^2/NDF : 55755.2/9

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.558 ± 0.153 χ^2/NDF : 635.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.231 ± 0.144 χ^2/NDF : 280.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

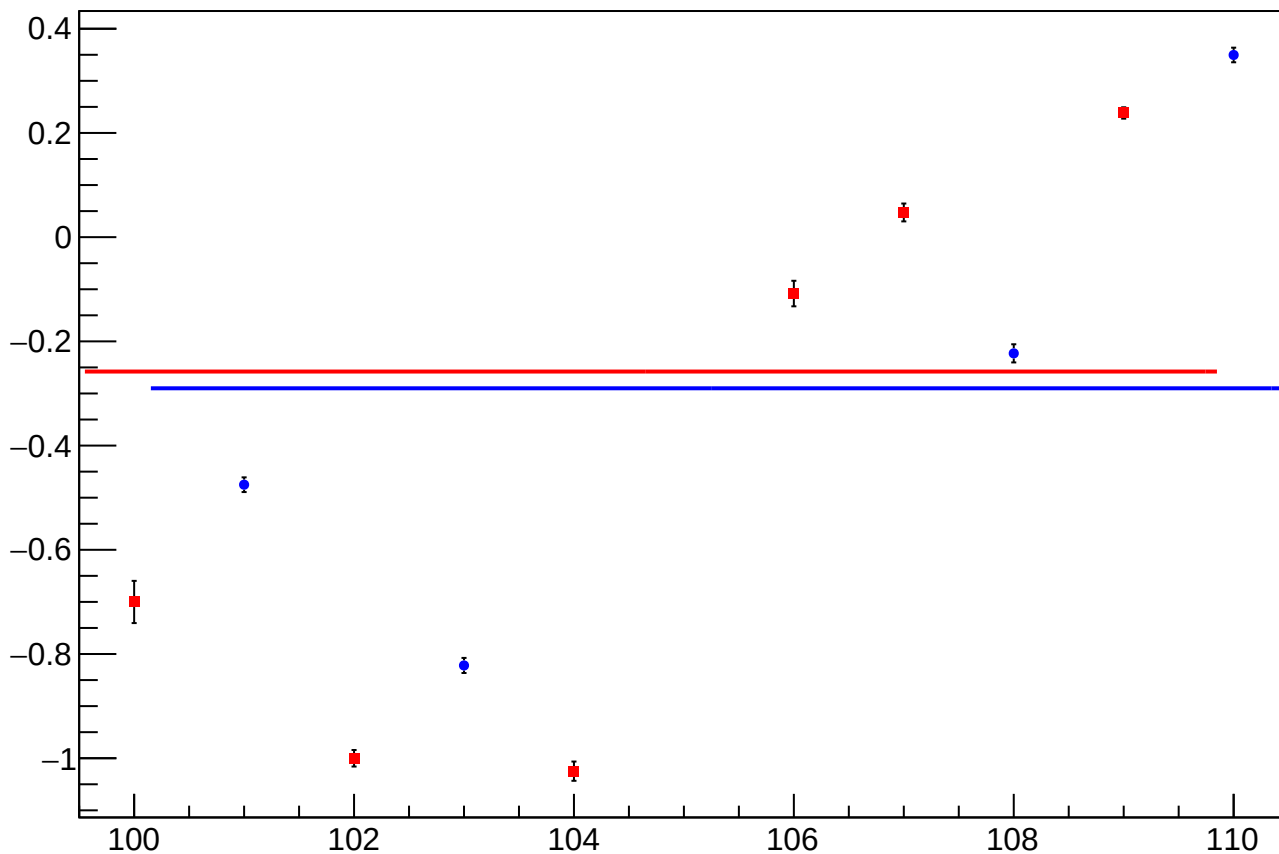
Right: -0.916 ± 0.105 χ^2/NDF : 925.7/9

In: -0.558 ± 0.153 χ^2/NDF : 635.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.916 ± 0.105 χ^2/NDF : 925.7/9

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.290 ± 0.007 χ^2/NDF : 3618.9/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.258 ± 0.007 χ^2/NDF : 6456.3/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

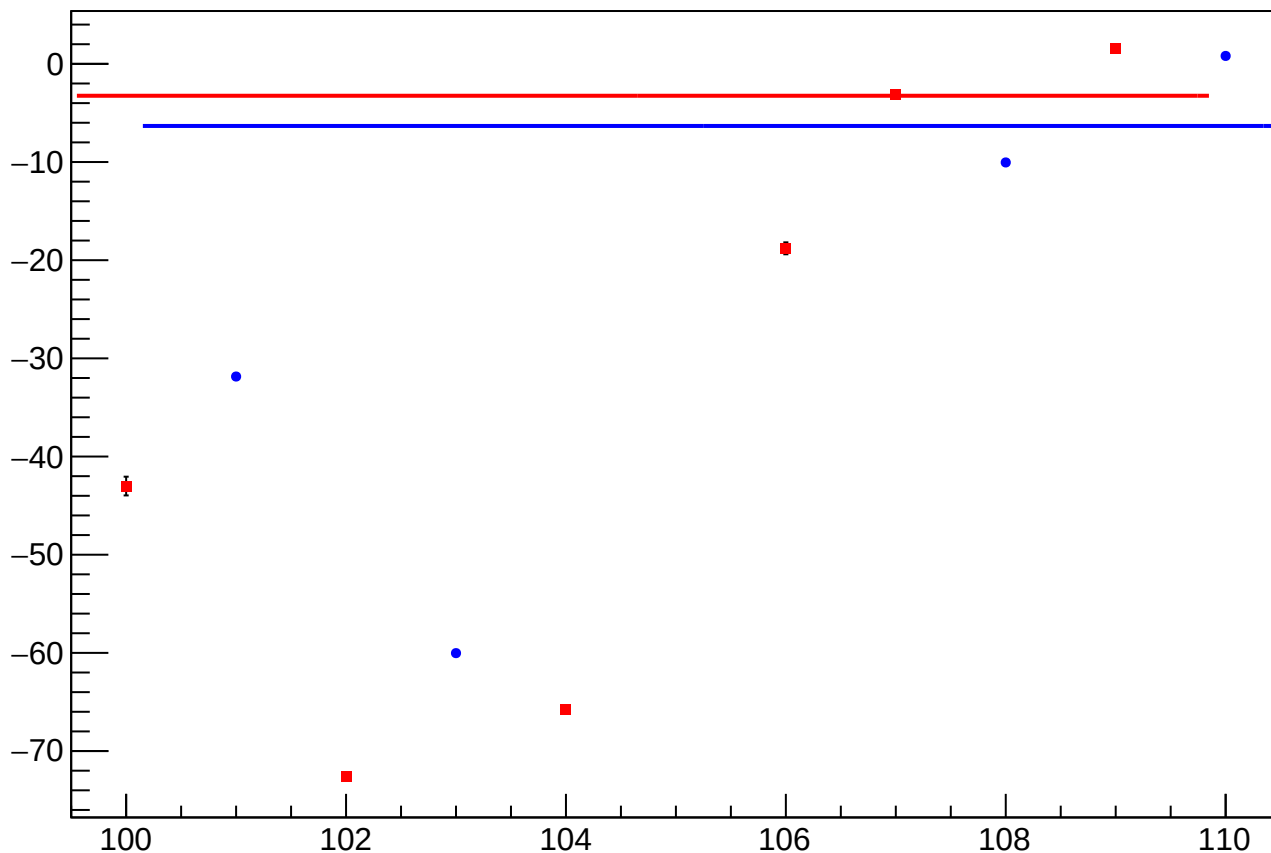
Right: -0.273 ± 0.005 χ^2/NDF : 10085.3/9

In: -0.290 ± 0.007 χ^2/NDF : 3618.9/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.273 ± 0.005 χ^2/NDF : 10085.3/9

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.326+/-0.098 χ^2/NDF : 27337.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.250+/-0.079 χ^2/NDF : 46108.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

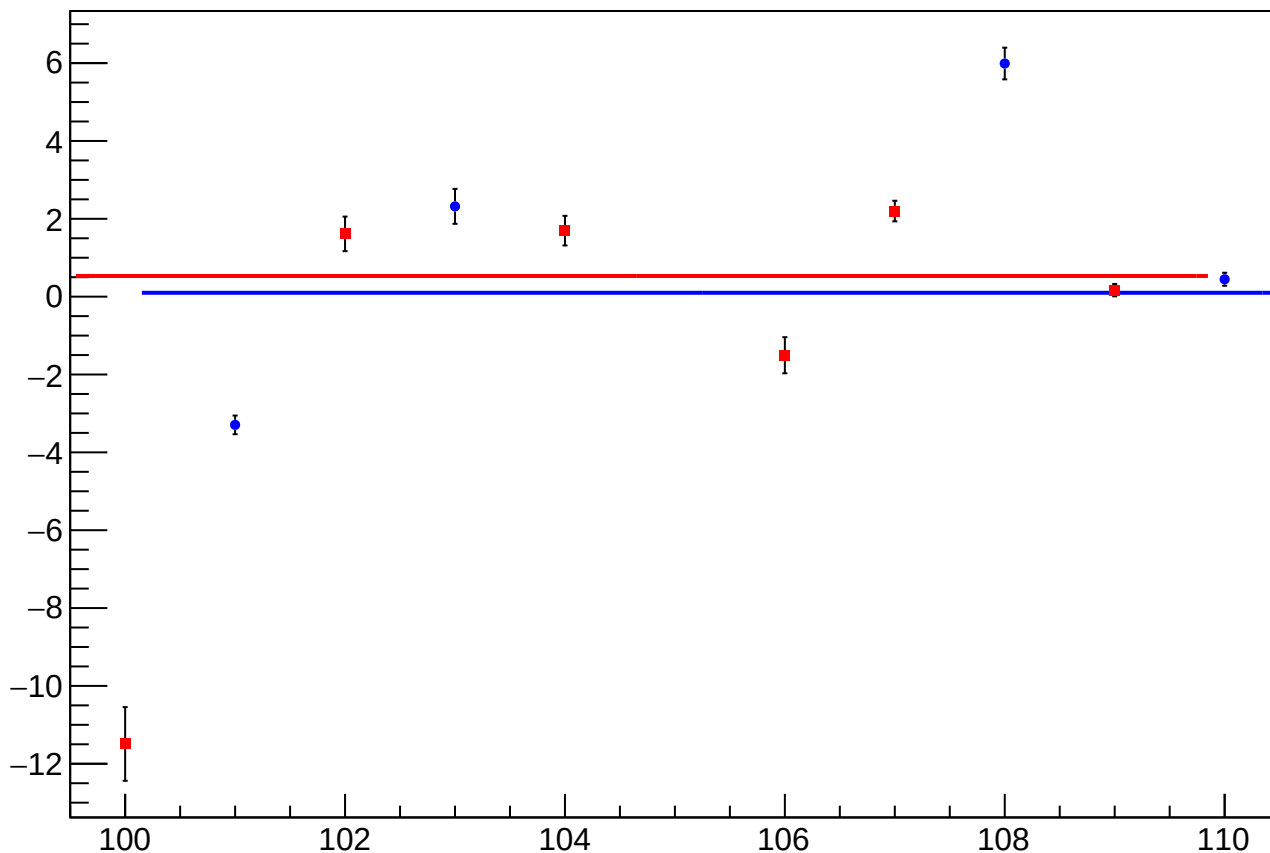
Right: -4.461+/-0.061 χ^2/NDF : 74049.0/9

In: -6.326+/-0.098 χ^2/NDF : 27337.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.461+/-0.061 χ^2/NDF : 74049.0/9

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.100+/-0.125 χ^2/NDF : 438.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.531+/-0.118 χ^2/NDF : 240.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

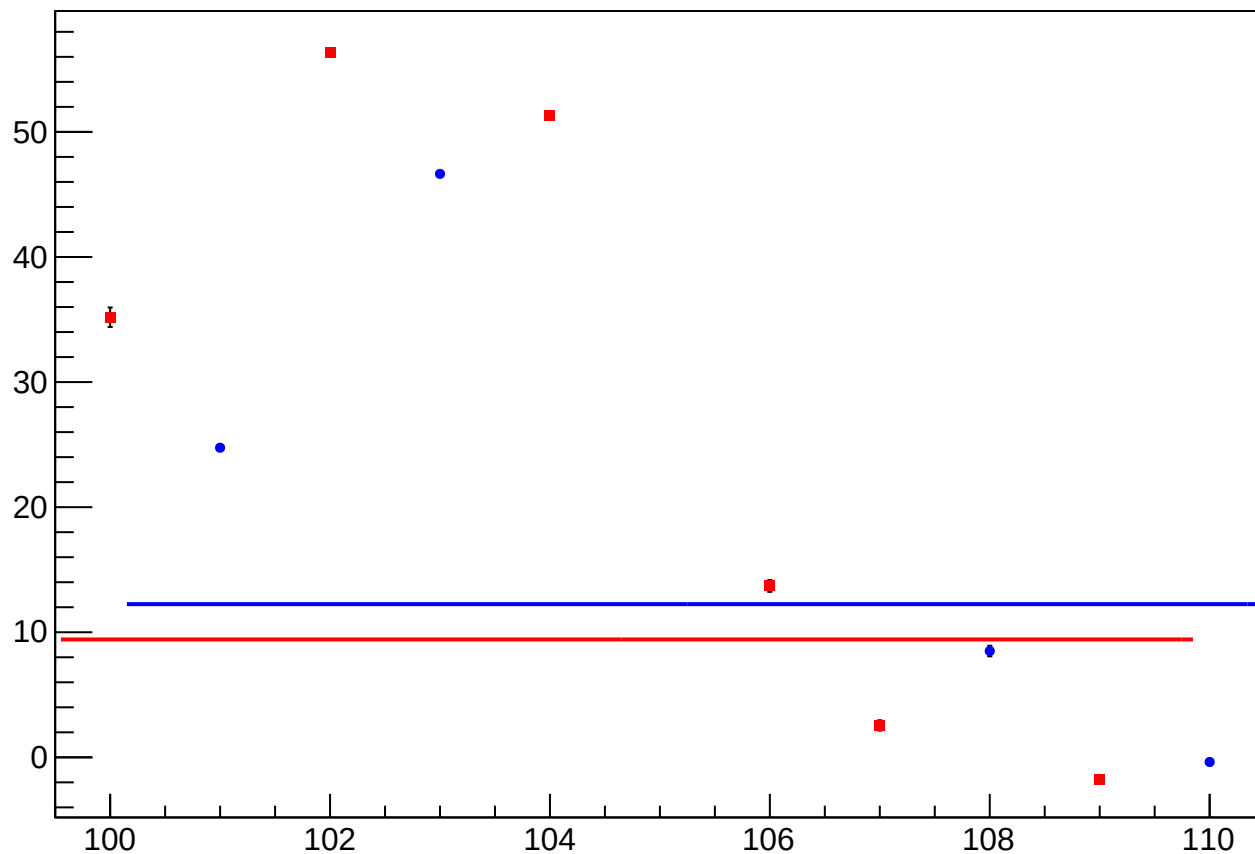
Right: 0.328+/-0.086 χ^2/NDF : 685.5/9

In: 0.100+/-0.125 χ^2/NDF : 438.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.328+/-0.086 χ^2/NDF : 685.5/9

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.247+/-0.116 χ^2/NDF : 19847.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.424+/-0.106 χ^2/NDF : 38852.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

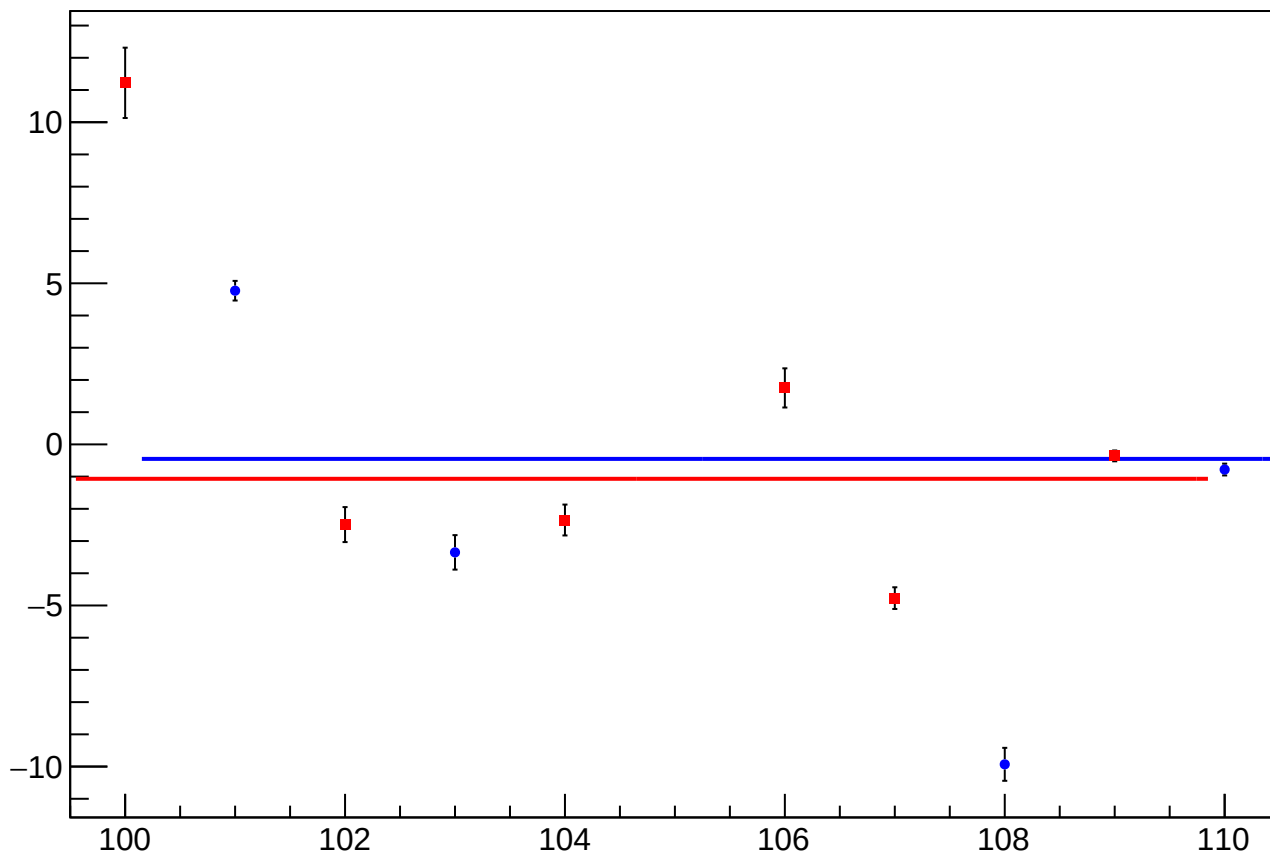
Right: 10.710+/-0.078 χ^2/NDF : 59020.8/9

In: 12.247+/-0.116 χ^2/NDF : 19847.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.710+/-0.078 χ^2/NDF : 59020.8/9

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.450 ± 0.145 χ^2/NDF : 669.6/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.068 ± 0.134 χ^2/NDF : 301.1/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

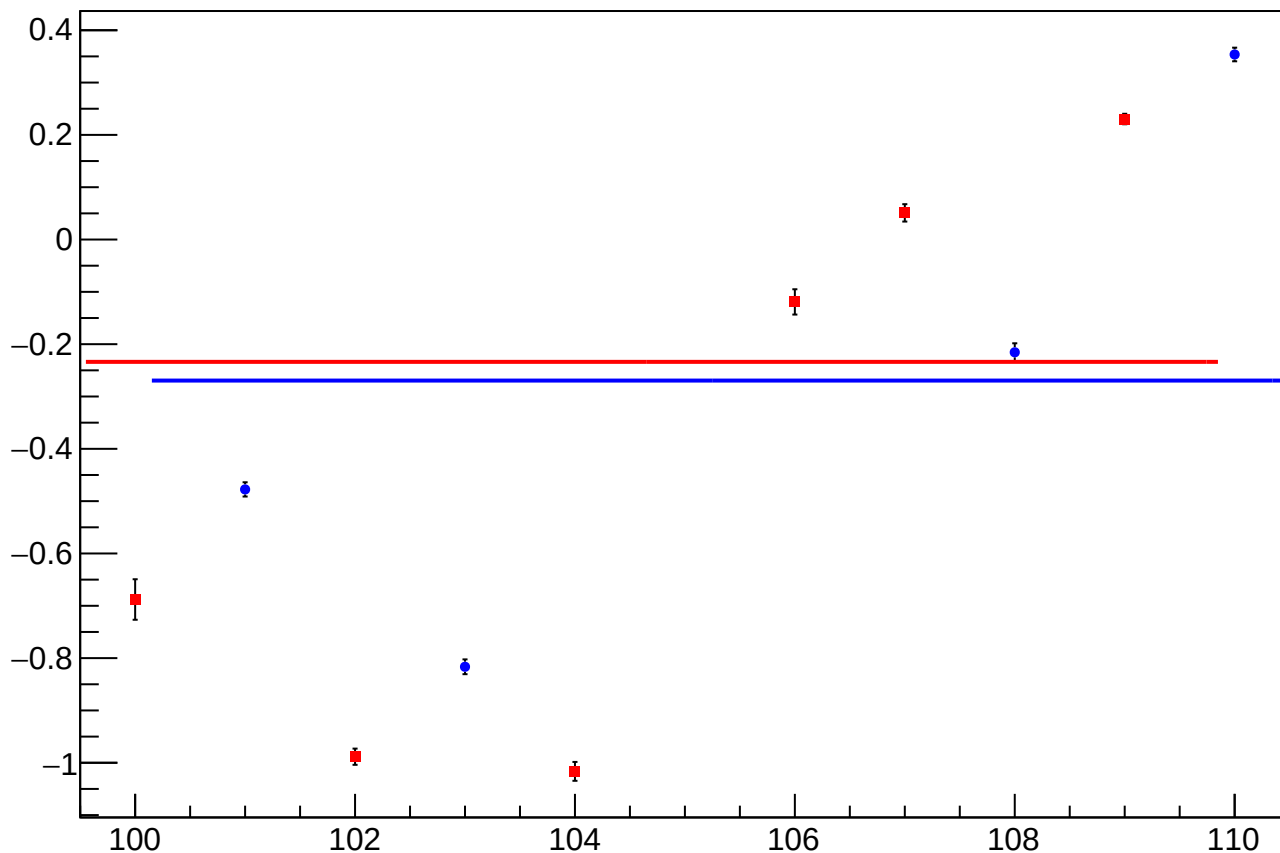
Right: -0.782 ± 0.098 χ^2/NDF : 980.5/9

In: -0.450 ± 0.145 χ^2/NDF : 669.6/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.782 ± 0.098 χ^2/NDF : 980.5/9

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.270 ± 0.007 χ^2/NDF : 4034.2/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.234 ± 0.007 χ^2/NDF : 6864.4/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

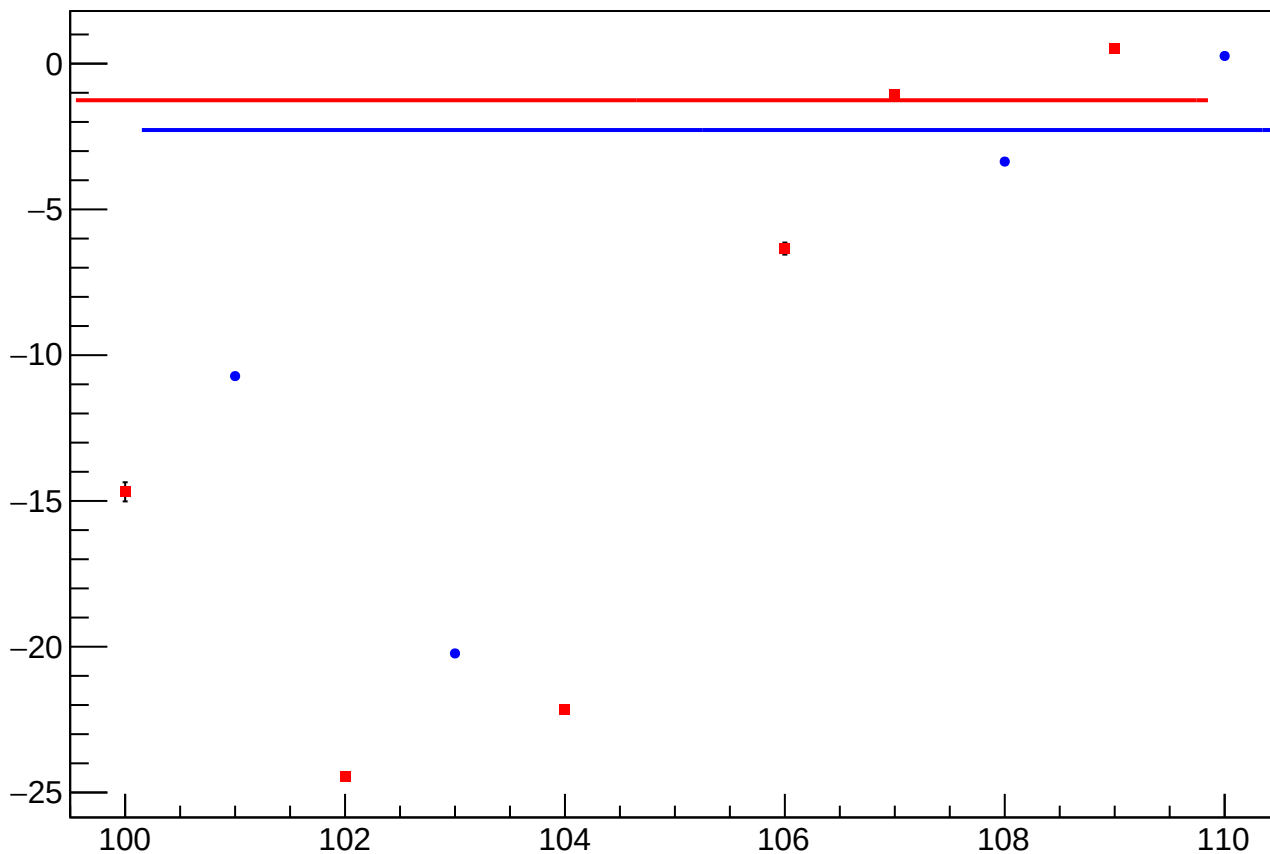
Right: -0.250 ± 0.005 χ^2/NDF : 10912.2/9

In: -0.270 ± 0.007 χ^2/NDF : 4034.2/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.250 ± 0.005 χ^2/NDF : 10912.2/9

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.278+/-0.034 χ^2/NDF : 26715.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.256+/-0.028 χ^2/NDF : 45316.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

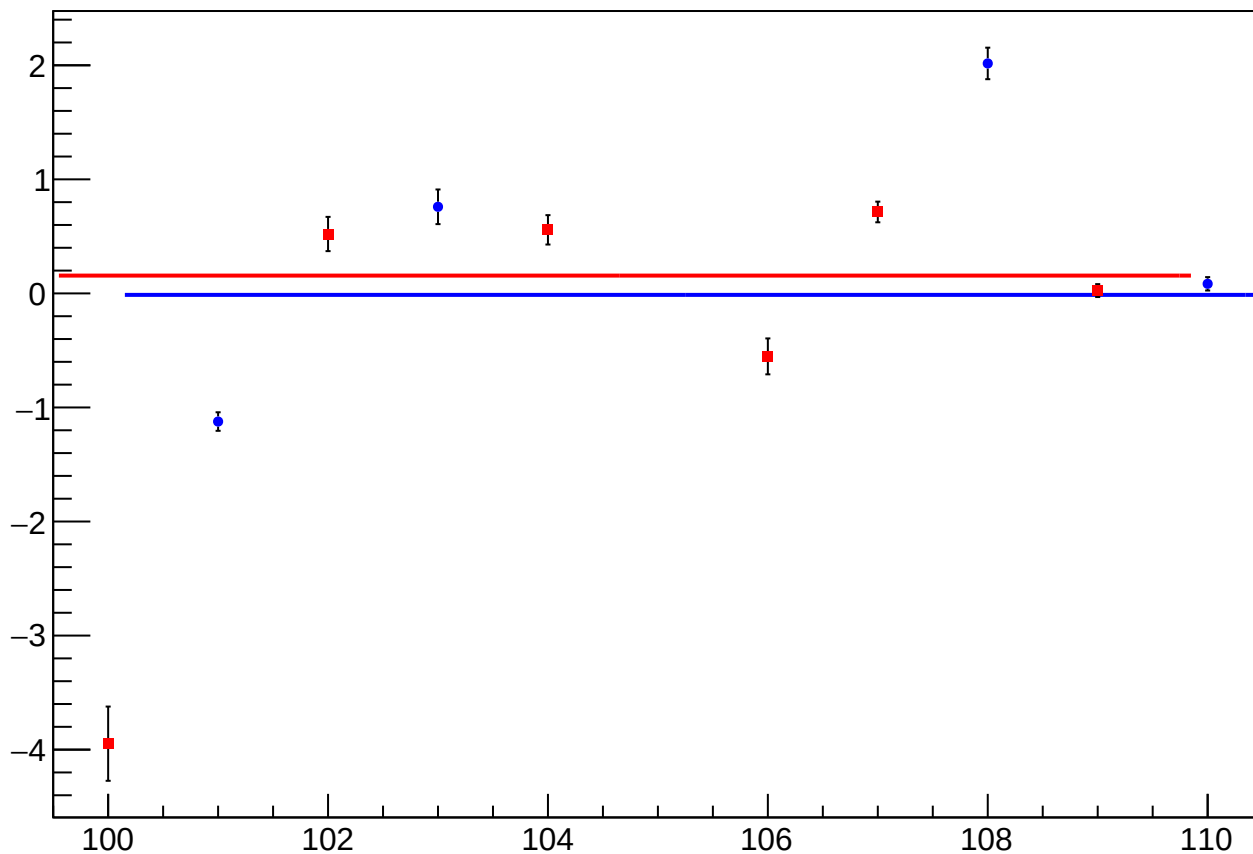
Right: -1.666+/-0.022 χ^2/NDF : 72572.2/9

In: -2.278+/-0.034 χ^2/NDF : 26715.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.666+/-0.022 χ^2/NDF : 72572.2/9

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.043 χ^2 /NDF: 430.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.156 $\pm$ 0.041 χ^2 /NDF: 238.2/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

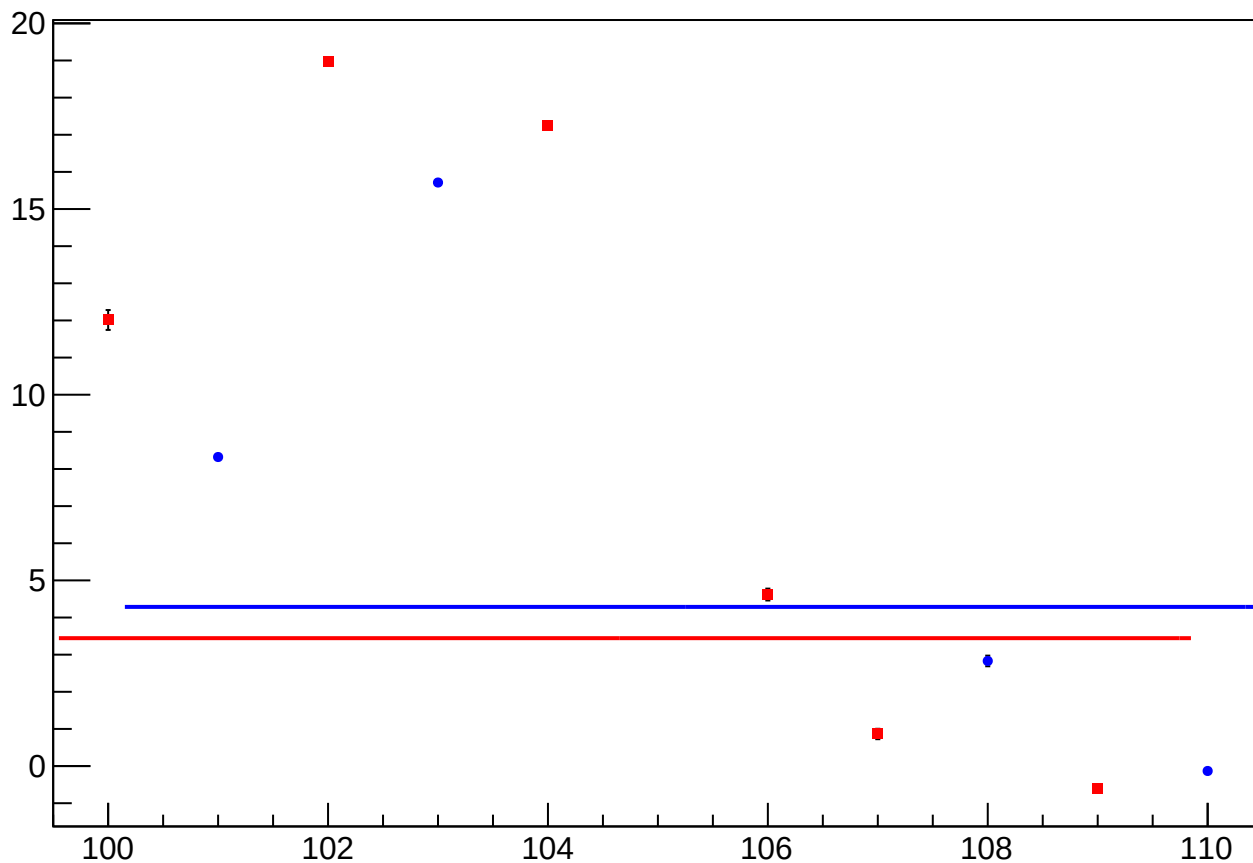
Right: 0.075 $\pm$ 0.030 χ^2 /NDF: 677.0/9

In: -0.013 $\pm$ 0.043 χ^2 /NDF:430.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.075 $\pm$ 0.030 χ^2 /NDF: 677.0/9

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.286+/-0.040 χ^2/NDF : 19189.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.444+/-0.037 χ^2/NDF : 37708.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

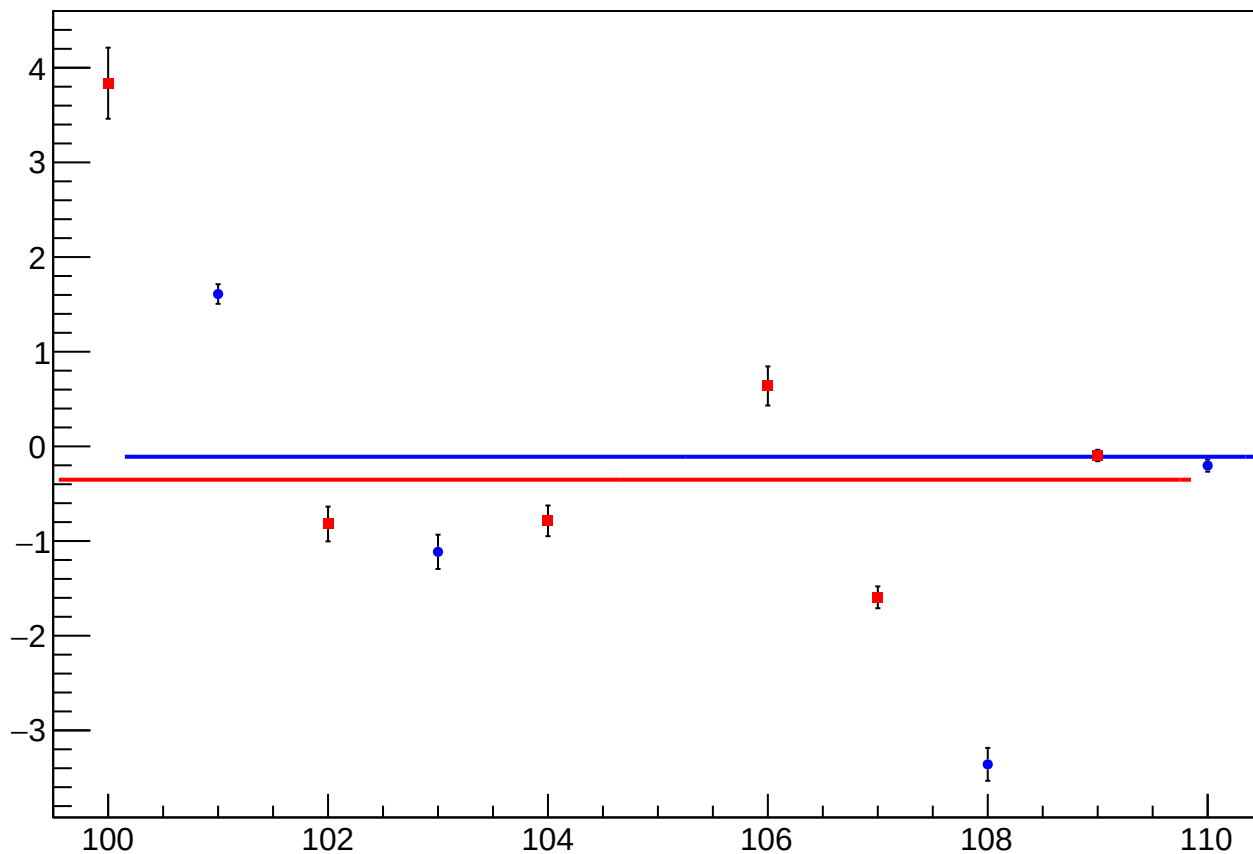
Right: 3.834+/-0.027 χ^2/NDF : 57134.2/9

In: 4.286+/-0.040 χ^2/NDF : 19189.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.834+/-0.027 χ^2/NDF : 57134.2/9

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.109 ± 0.050 χ^2/NDF : 660.1/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.352 ± 0.047 χ^2/NDF : 295.7/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

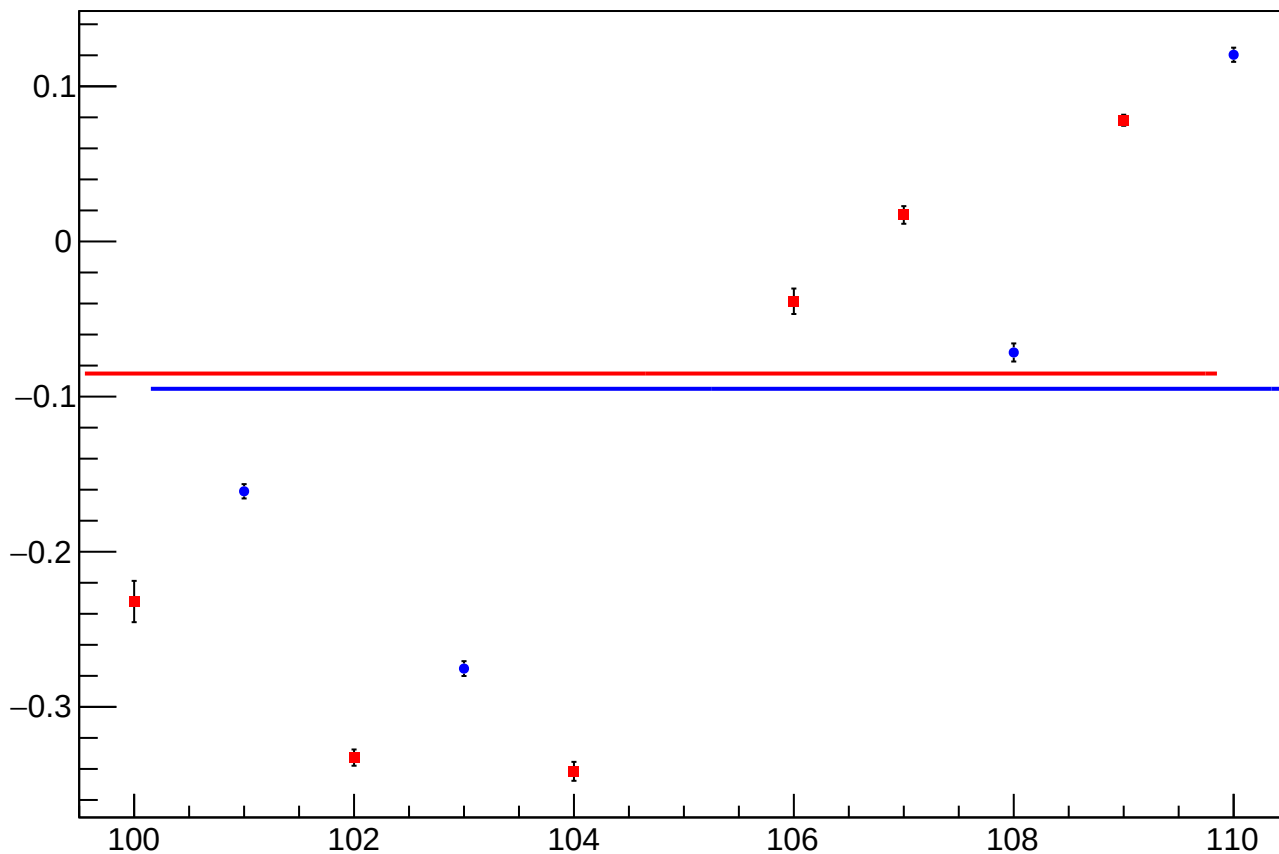
Right: -0.238 ± 0.034 χ^2/NDF : 968.3/9

In: -0.109 ± 0.050 χ^2/NDF : 660.1/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.238 ± 0.034 χ^2/NDF : 968.3/9

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.095 ± 0.002 χ^2/NDF : 3861.8/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.085 ± 0.002 χ^2/NDF : 6589.0/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

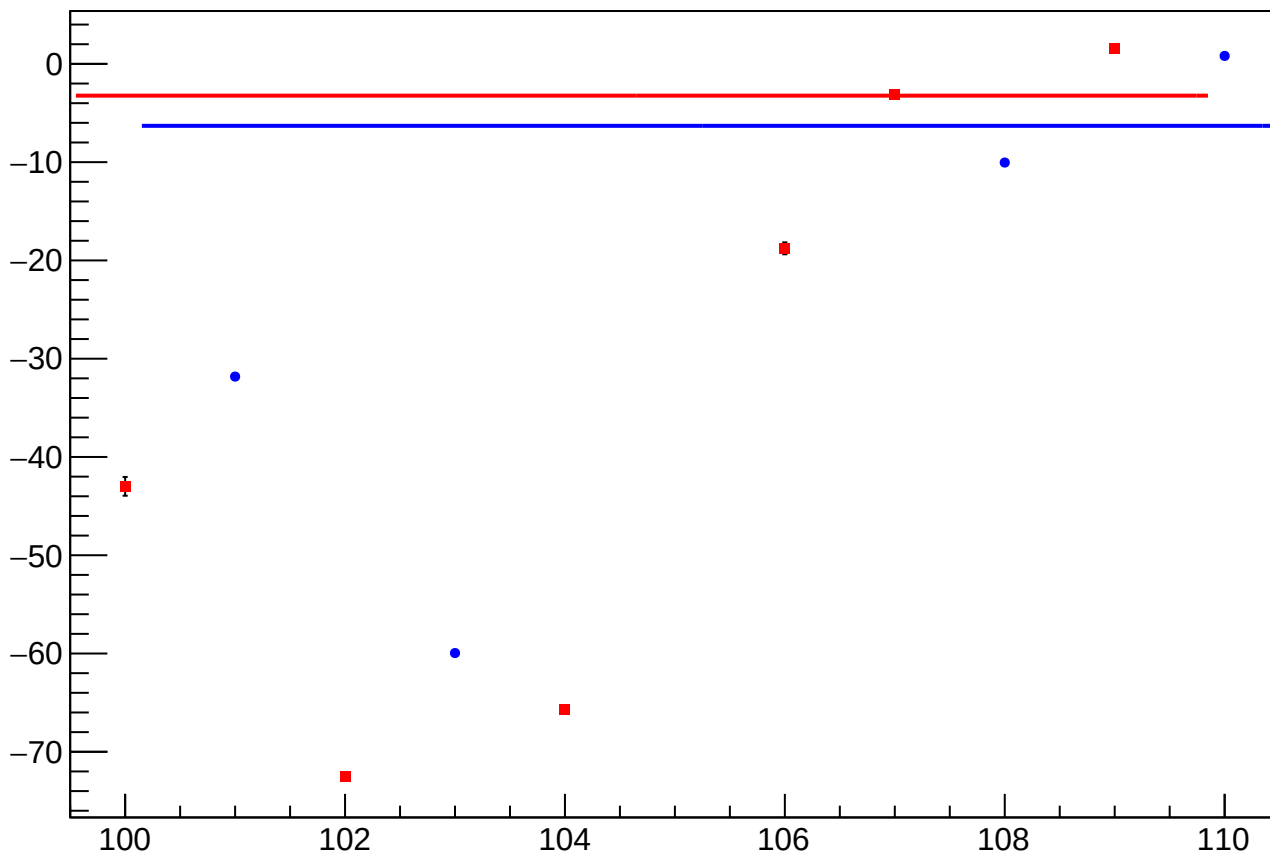
Right: -0.090 ± 0.002 χ^2/NDF : 10459.5/9

In: -0.095 ± 0.002 χ^2/NDF : 3861.8/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.090 ± 0.002 χ^2/NDF : 10459.5/9

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.304+/-0.097 χ^2/NDF : 27347.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.233+/-0.078 χ^2/NDF : 46124.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

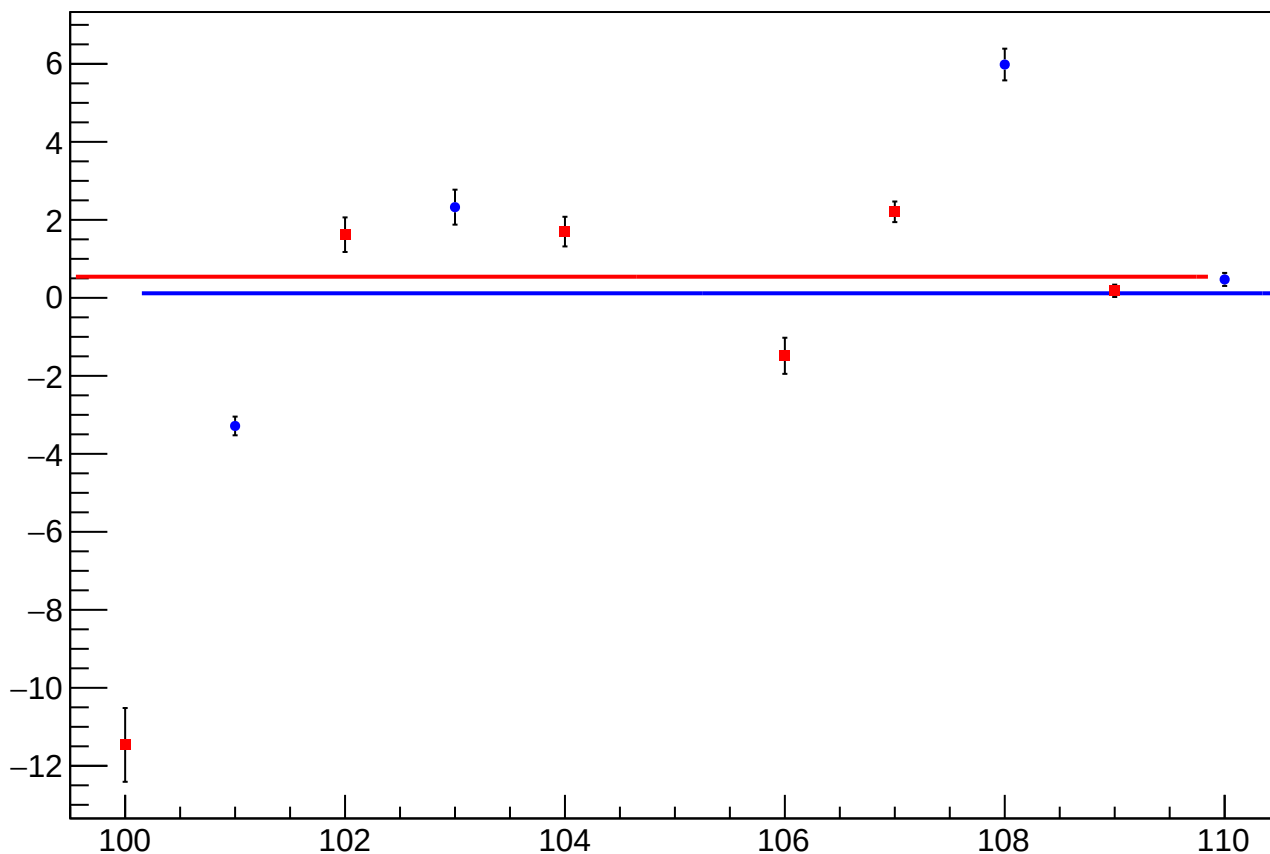
Right: -4.442+/-0.061 χ^2/NDF : 74074.2/9

In: -6.304+/-0.097 χ^2/NDF : 27347.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.442+/-0.061 χ^2/NDF : 74074.2/9

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.117+/-0.125 χ^2/NDF : 438.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.542+/-0.118 χ^2/NDF : 240.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

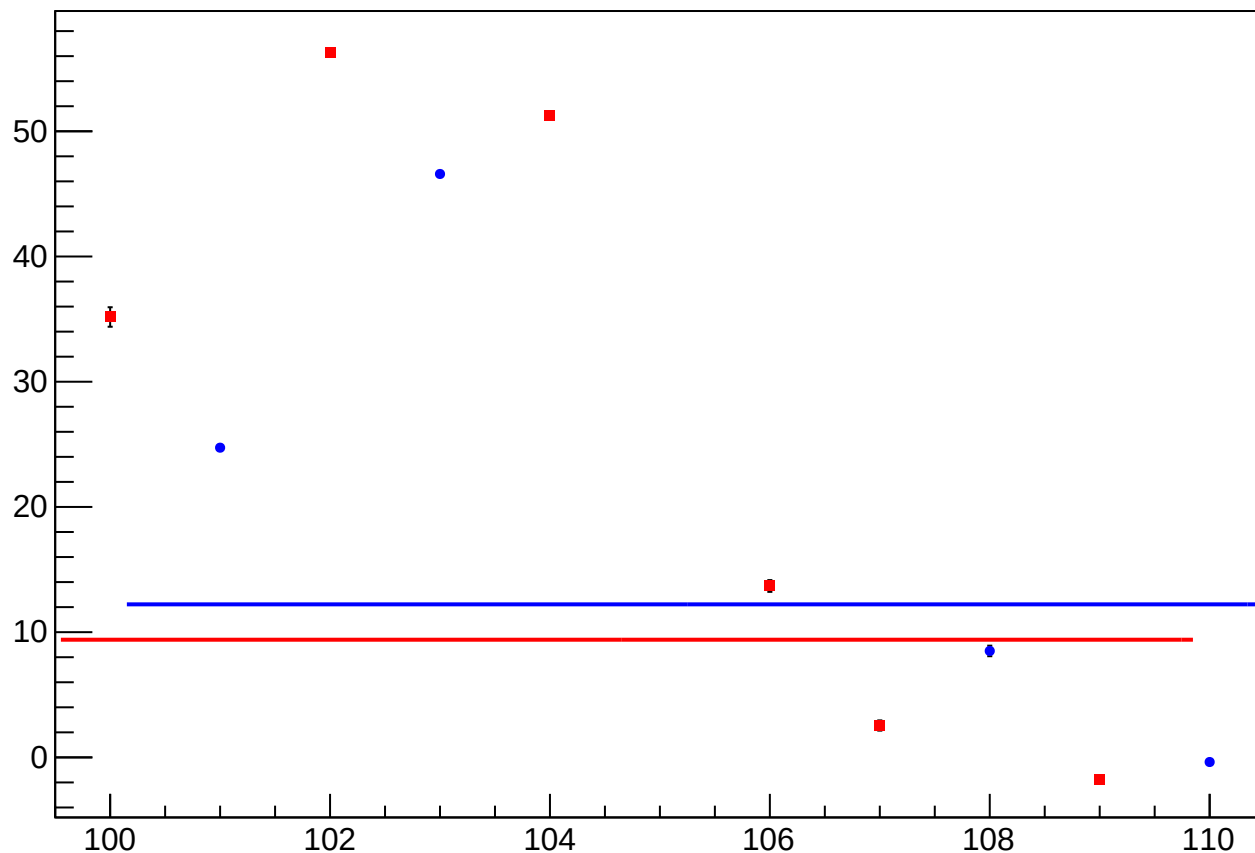
Right: 0.341+/-0.086 χ^2/NDF : 684.9/9

In: 0.117+/-0.125 χ^2/NDF : 438.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.341+/-0.086 χ^2/NDF : 684.9/9

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.222+/-0.116 χ^2/NDF : 19858.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.398+/-0.106 χ^2/NDF : 38873.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

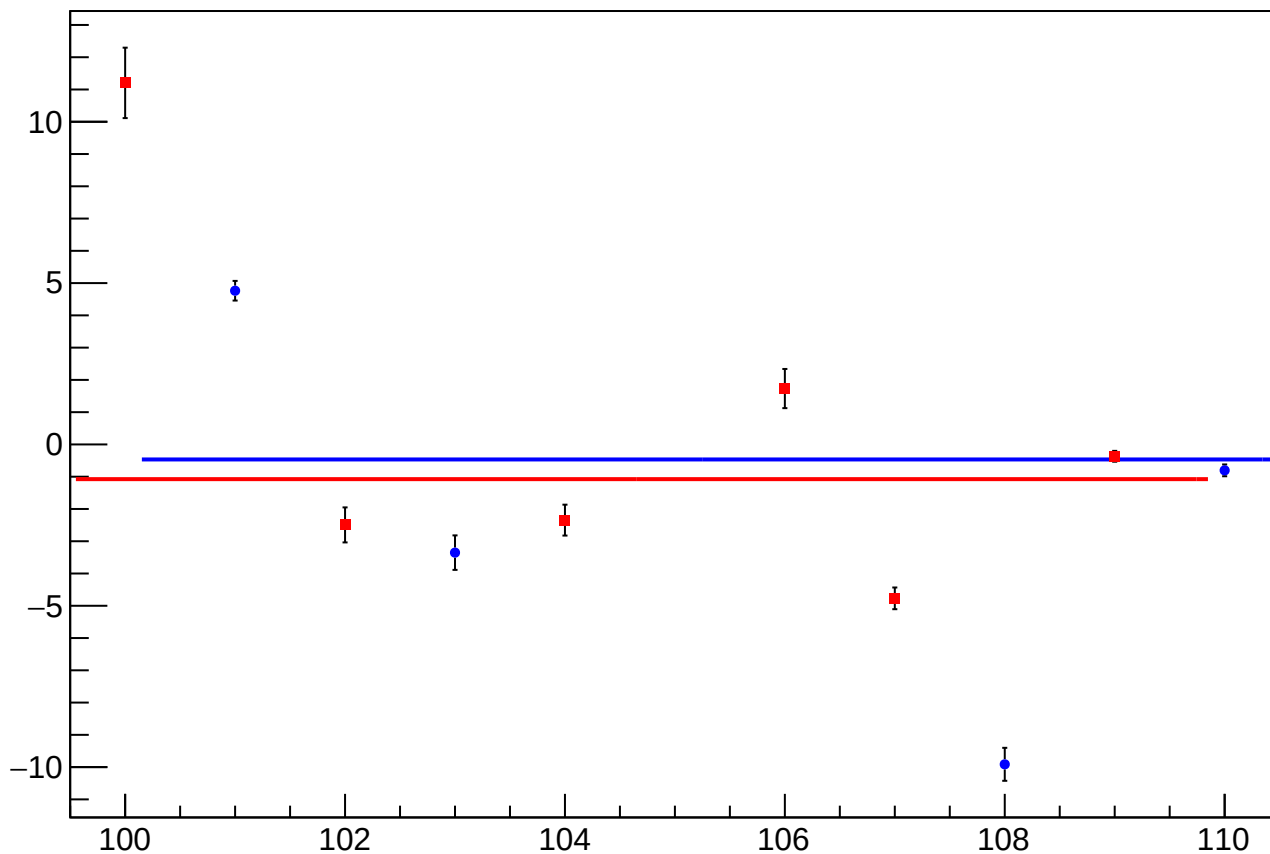
Right: 10.684+/-0.078 χ^2/NDF : 59054.1/9

In: 12.222+/-0.116 χ^2/NDF : 19858.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.684+/-0.078 χ^2/NDF : 59054.1/9

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.465 ± 0.144 χ^2/NDF : 669.5/3

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.076 ± 0.134 χ^2/NDF : 300.5/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

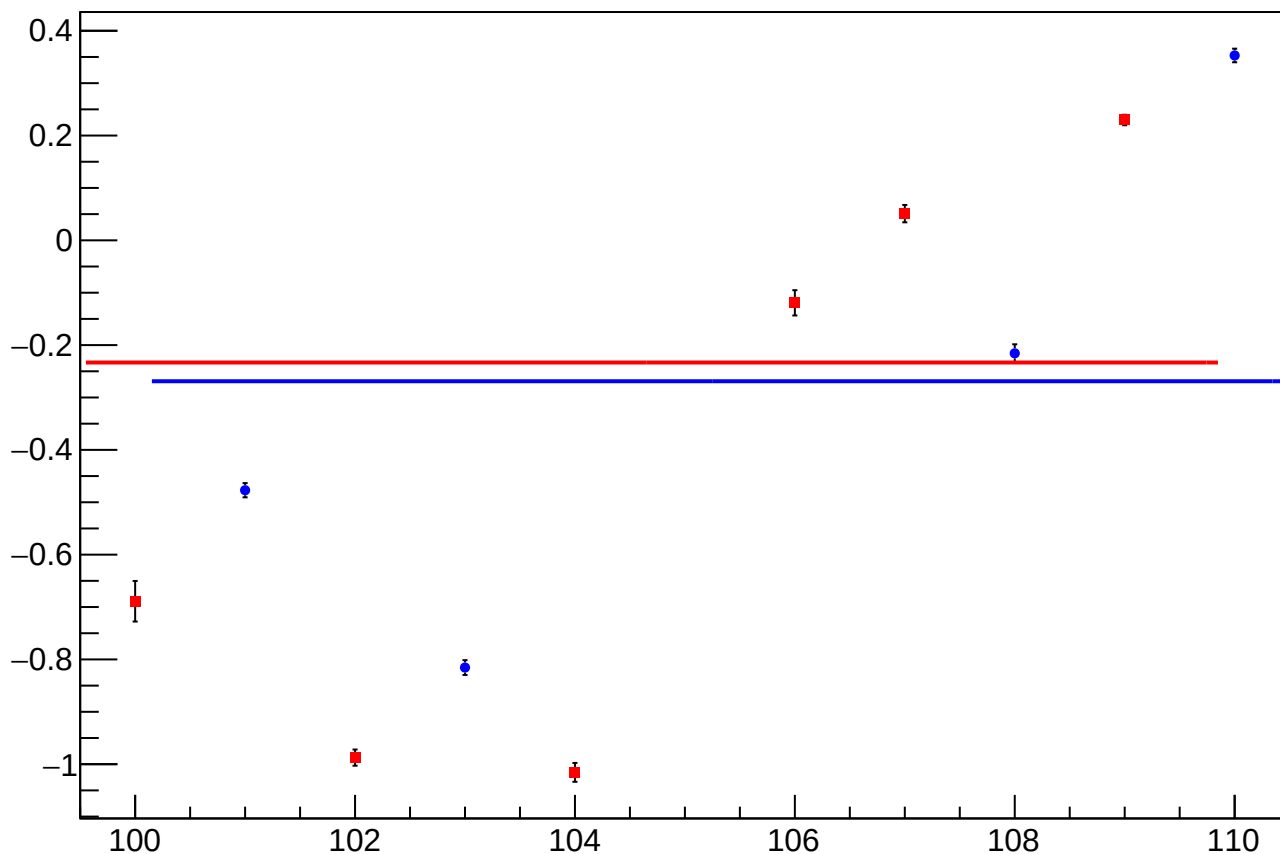
Right: -0.793 ± 0.098 χ^2/NDF : 979.7/9

In: -0.465 ± 0.144 χ^2/NDF : 669.5/3

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.793 ± 0.098 χ^2/NDF : 979.7/9

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.269+/-0.007 χ^2/NDF : 4034.6/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.233+/-0.007 χ^2/NDF : 6869.1/5

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

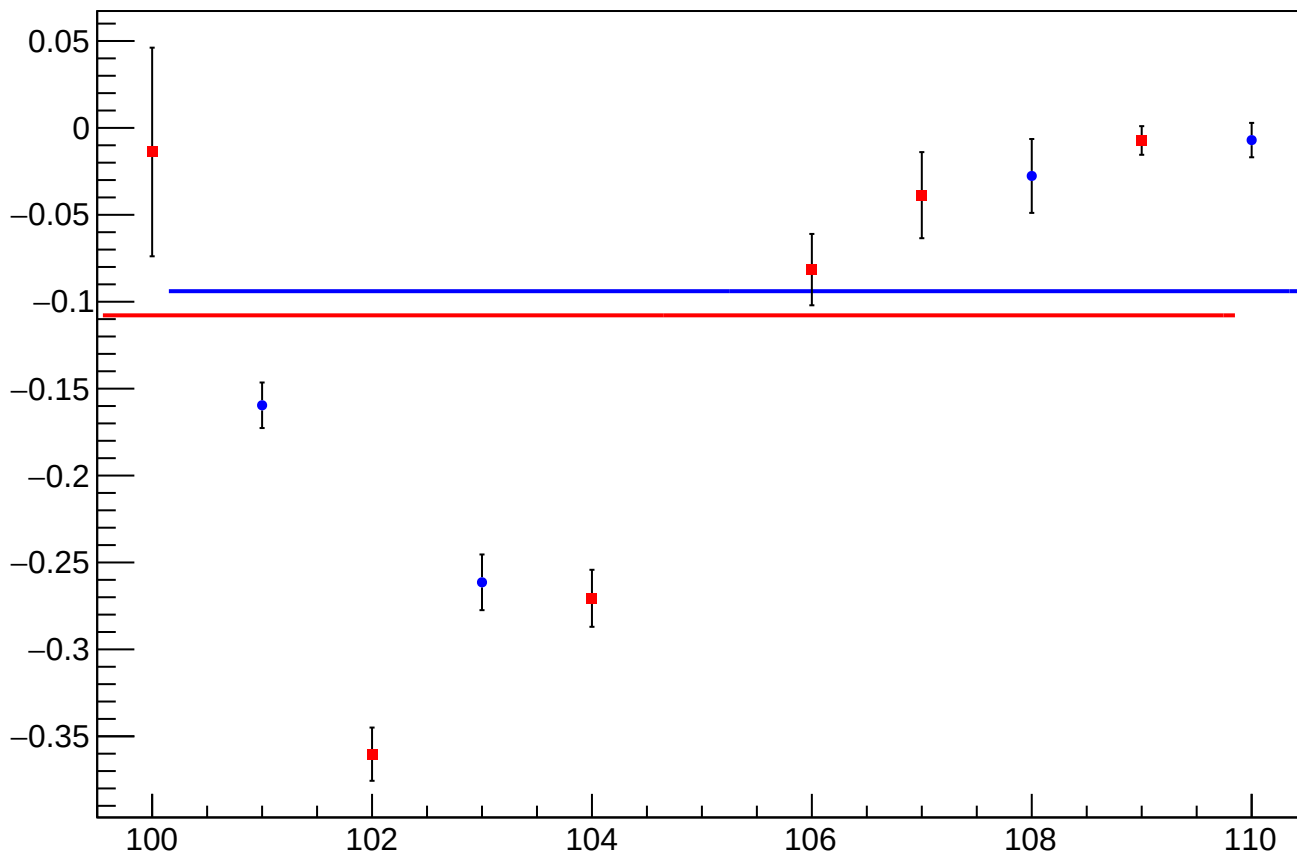
Right: -0.250+/-0.005 χ^2/NDF : 10917.3/9

In: -0.269+/-0.007 χ^2/NDF :4034.6/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.250+/-0.005 χ^2/NDF : 10917.3/9

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.094+/-0.007 χ^2/NDF : 221.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.108+/-0.006 χ^2/NDF : 531.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

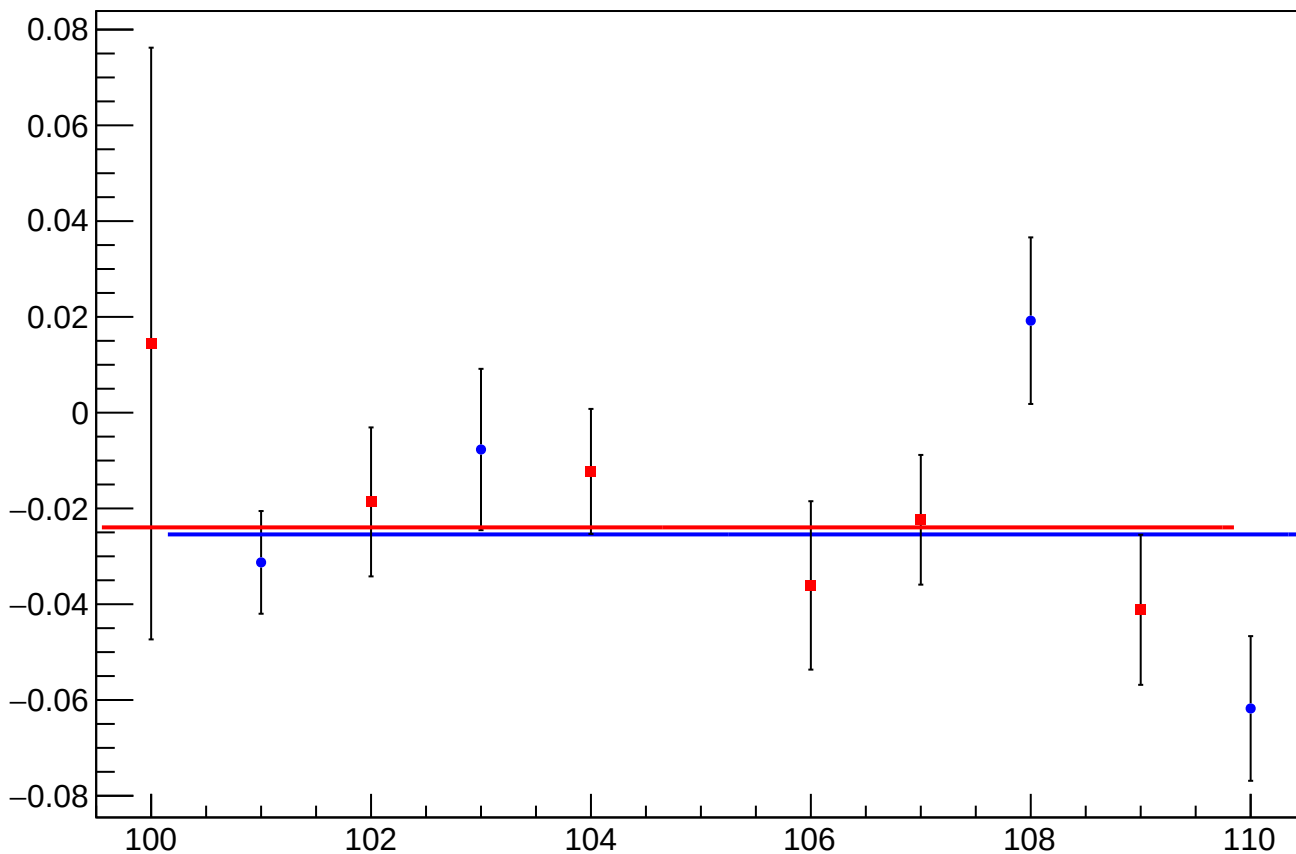
Right: -0.102+/-0.005 χ^2/NDF : 754.9/9

In: -0.094+/-0.007 χ^2/NDF : 221.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.102+/-0.005 χ^2/NDF : 754.9/9

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.025 $\pm$ 0.007 χ^2 /NDF: 13.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.007 χ^2 /NDF: 3.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

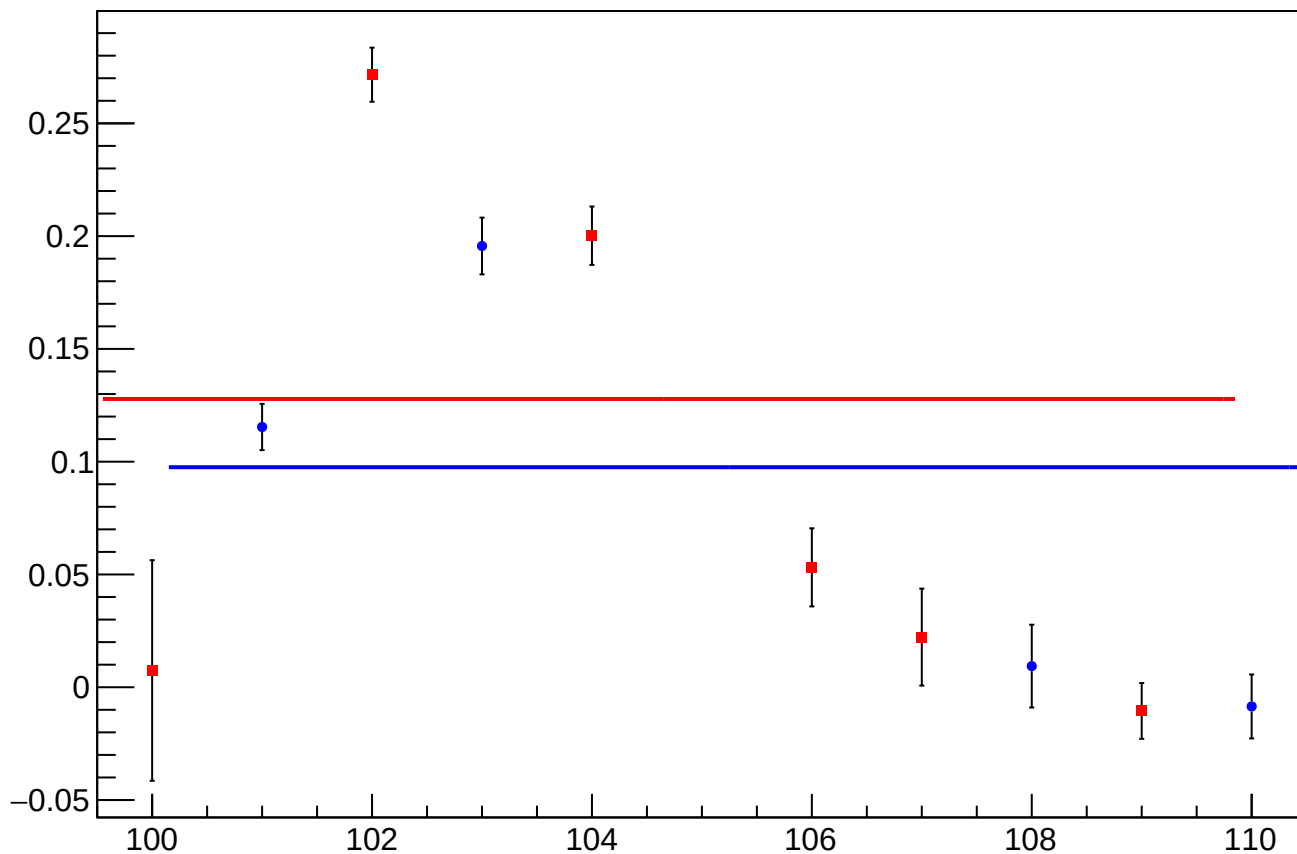
Right: -0.025 $\pm$ 0.005 χ^2 /NDF: 16.8/9

In: -0.025 $\pm$ 0.007 χ^2 /NDF:13.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.005 χ^2 /NDF: 16.8/9

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.098 $\pm$ 0.006 χ^2 /NDF: 142.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.128 $\pm$ 0.006 χ^2 /NDF: 348.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

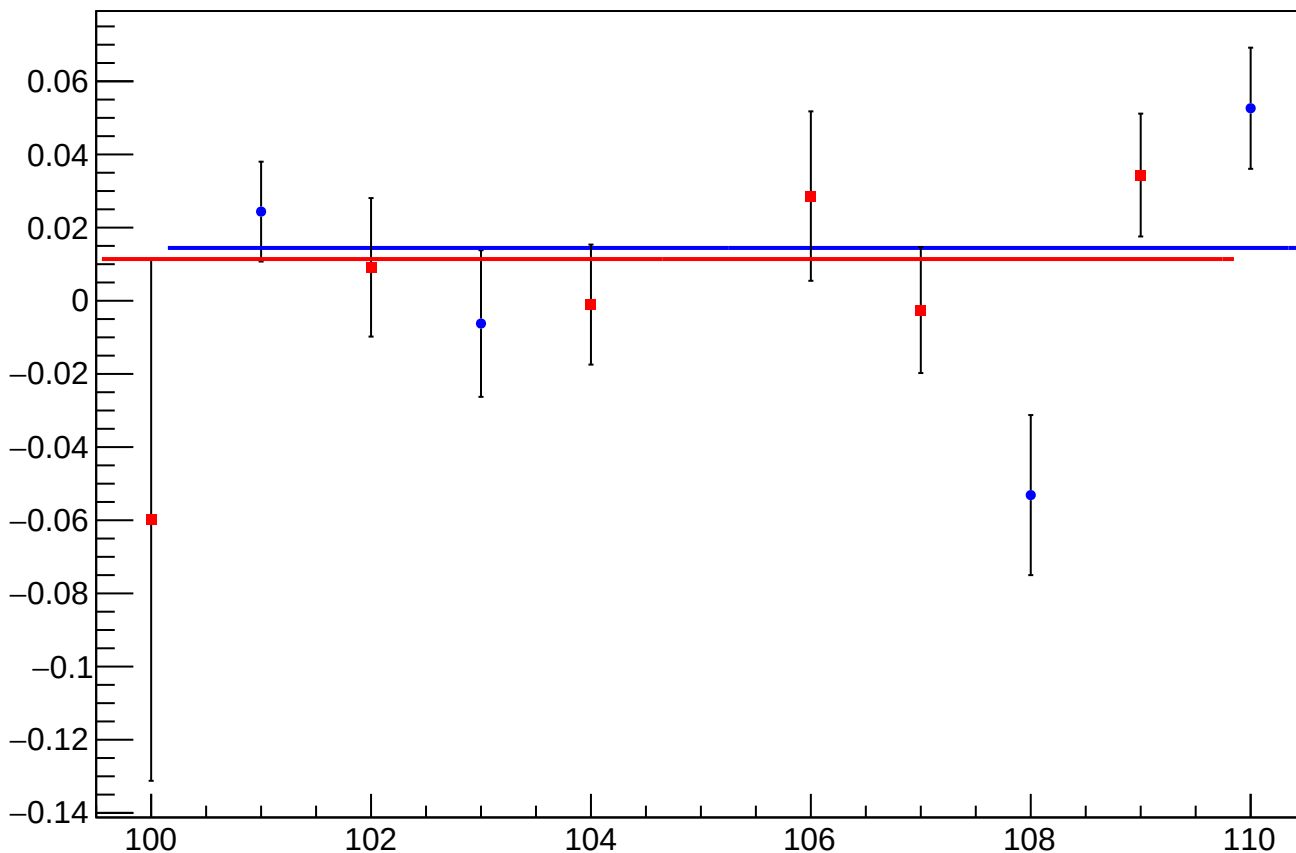
Right: 0.113 $\pm$ 0.005 χ^2 /NDF: 502.8/9

In: 0.098 $\pm$ 0.006 χ^2 /NDF:142.9/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.113 $\pm$ 0.005 χ^2 /NDF: 502.8/9

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.009 χ^2 /NDF: 16.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.008 χ^2 /NDF: 4.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

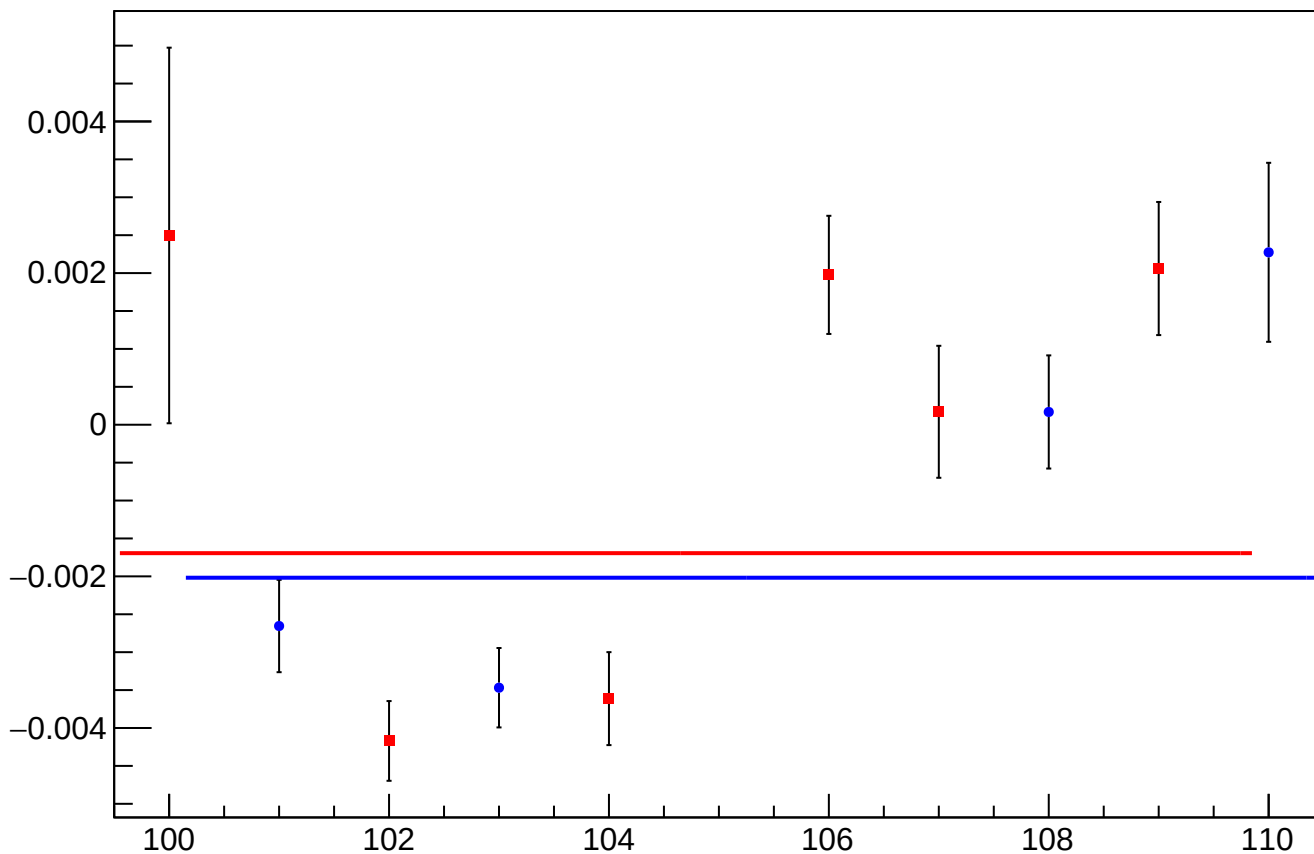
Right: 0.013 $\pm$ 0.006 χ^2 /NDF: 21.2/9

In: 0.014 $\pm$ 0.009 χ^2 /NDF:16.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.006 χ^2 /NDF: 21.2/9

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.002+/-0.000 χ^2/NDF : 30.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.000 χ^2/NDF : 79.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

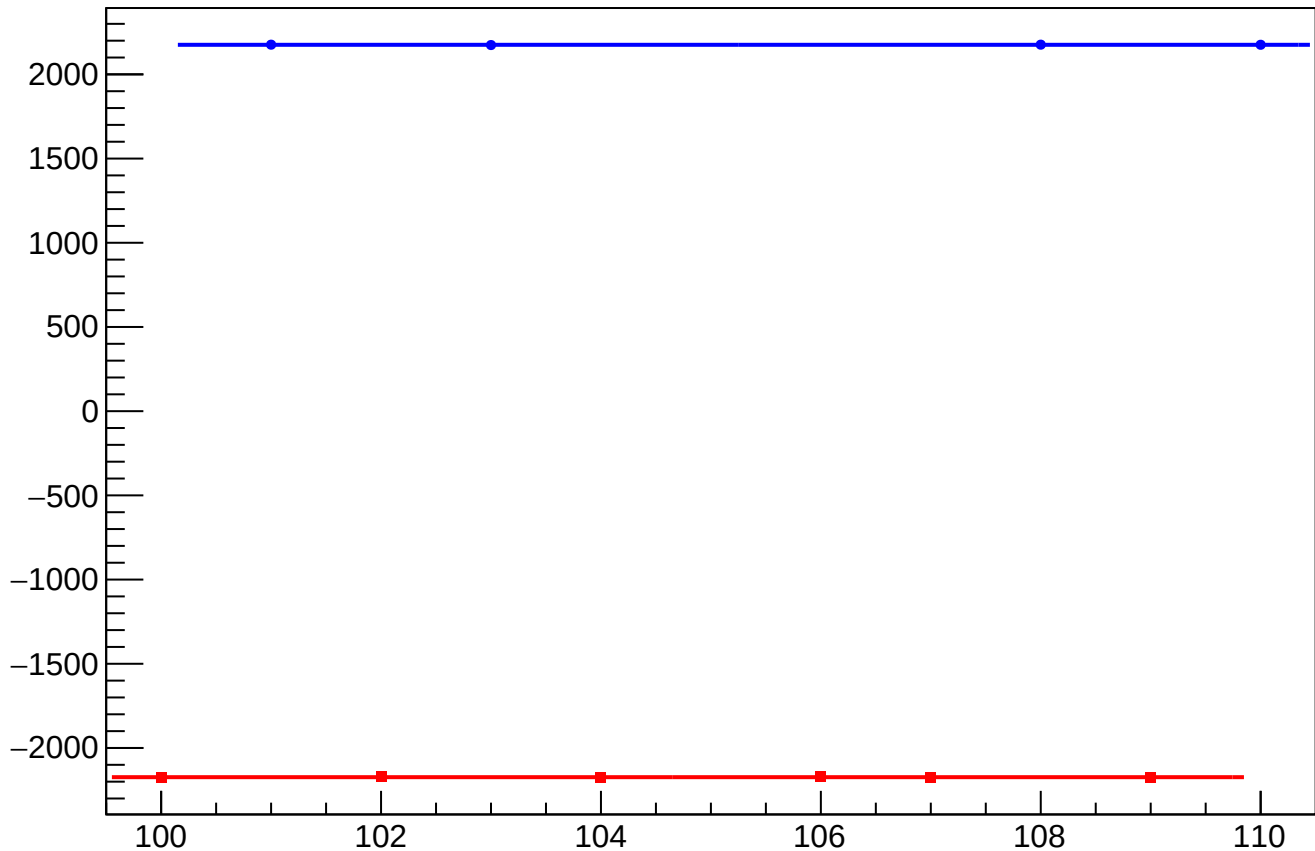
Right: -0.002+/-0.000 χ^2/NDF : 111.0/9

In: -0.002+/-0.000 χ^2/NDF : 30.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

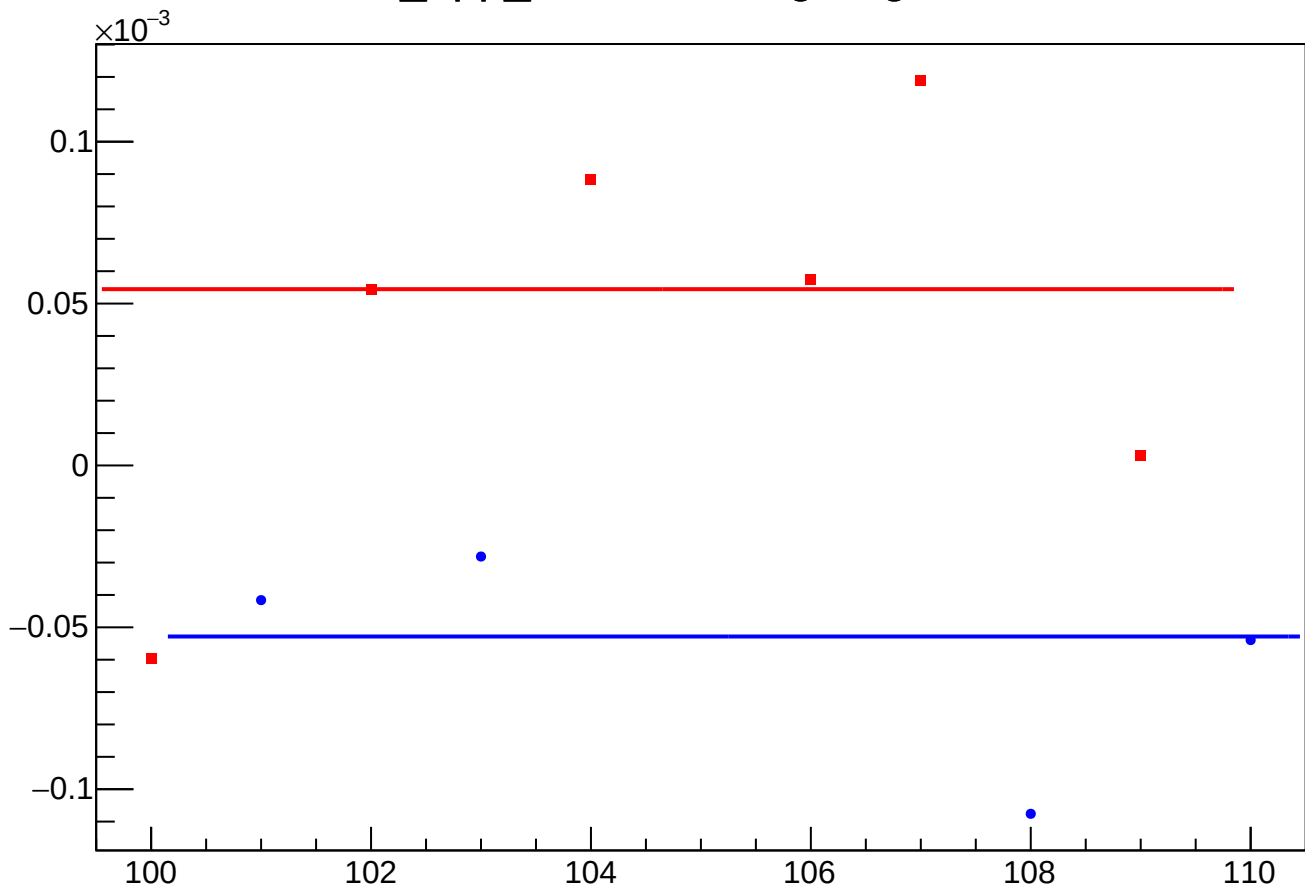
All: -0.002+/-0.000 χ^2/NDF : 111.0/9

HALLA_p_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 2175.529+/-0.000 χ^2/NDF : 191691774110378126755086756478976.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -155.646+/-0.000 χ^2/NDF : 20884476225457
 In: 2175.529+/-0.000 χ^2/NDF : 191691774110378126755086756478976.0/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -155.646+/-0.000 χ^2/NDF : 20884476225

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 169635451013016227676160.0/3

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 18311177225507806

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 390549466818534958956544.0/5

In: -0.000+/-0.000

χ^2/NDF : 169635451013016227

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

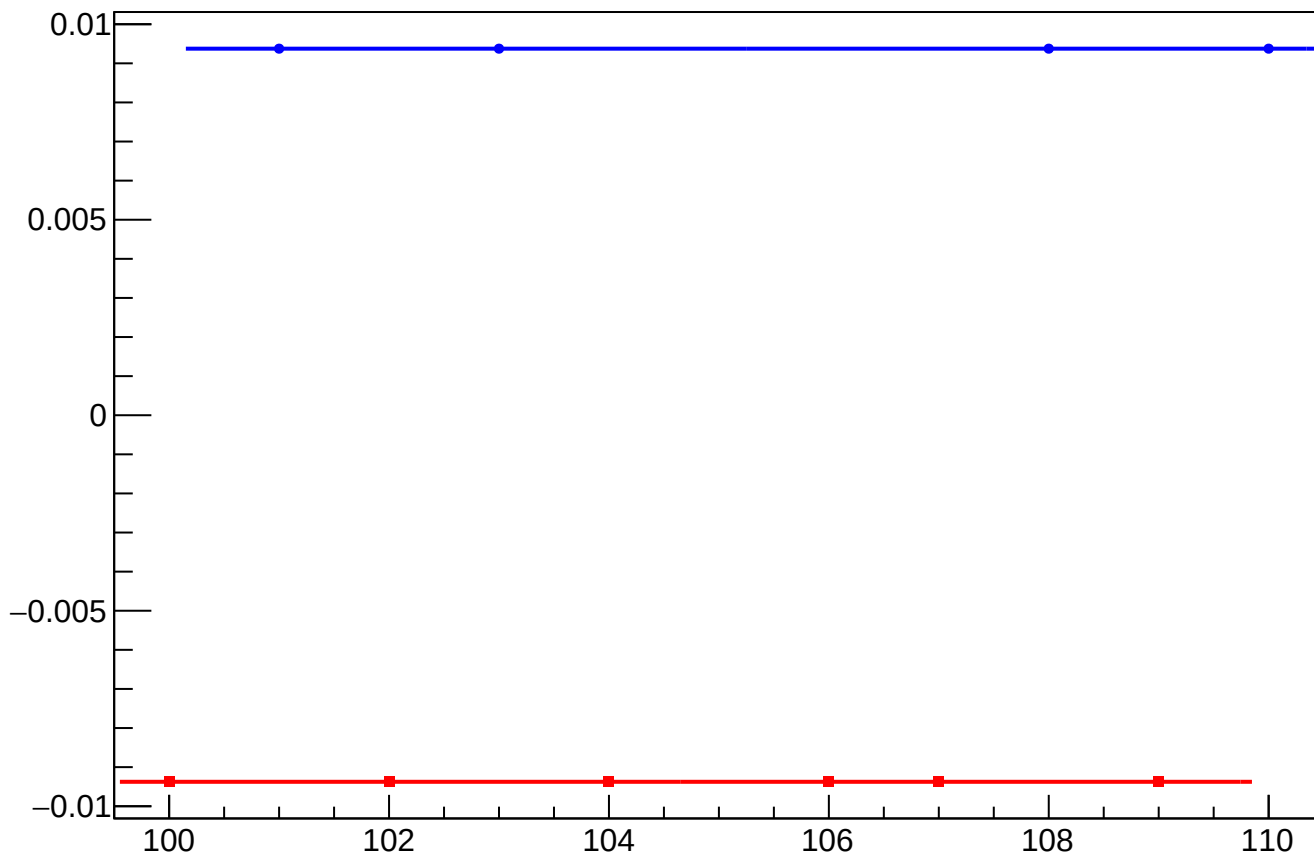
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 18311177225507

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

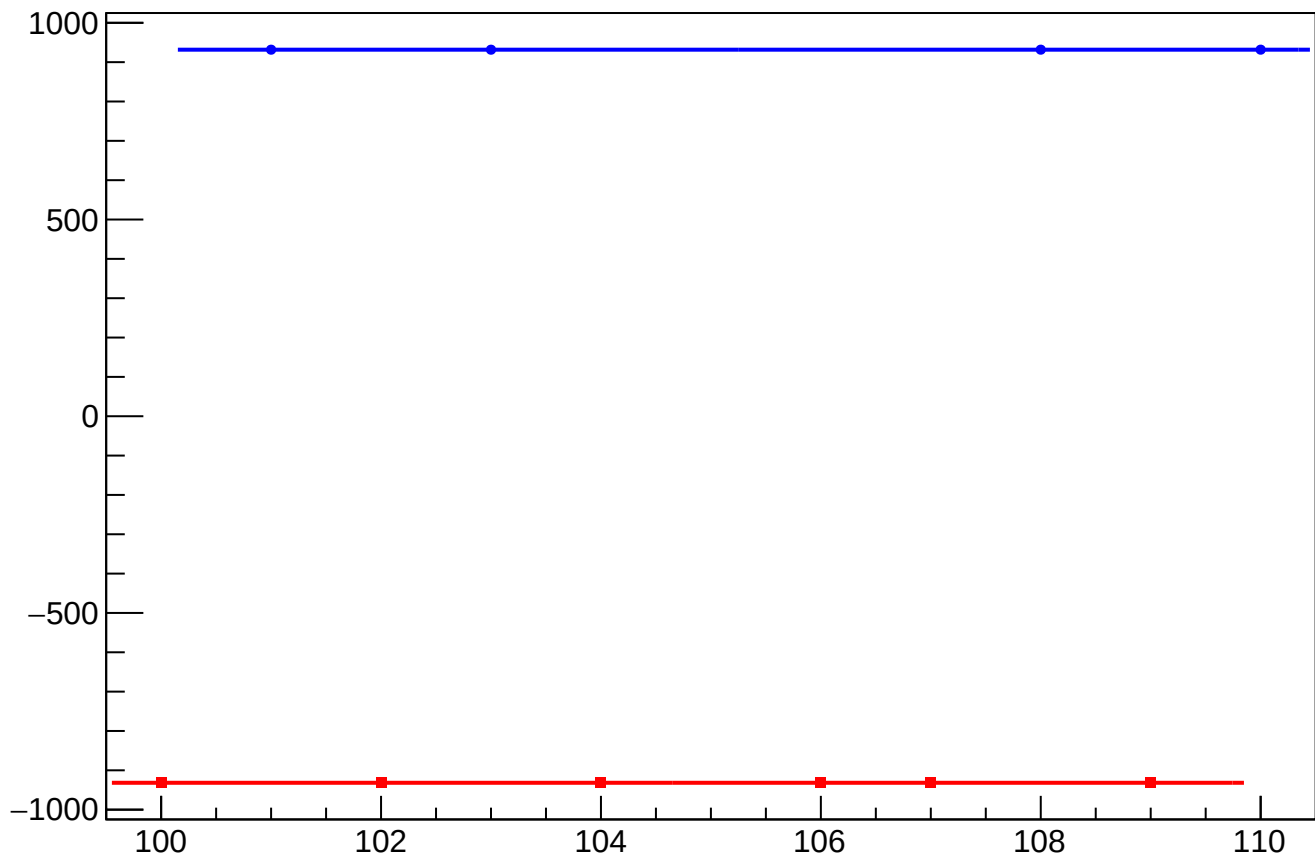
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 3882073479729727

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

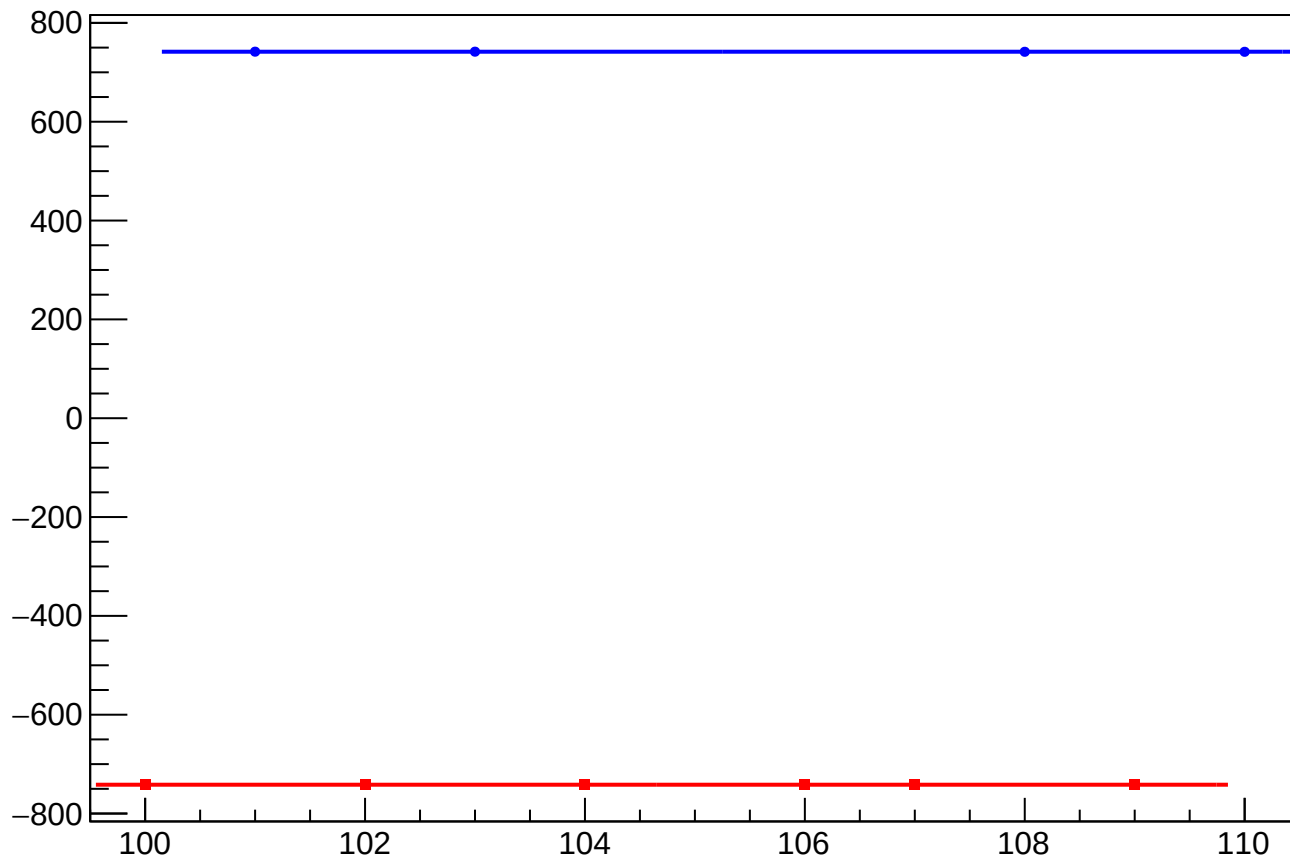
All: -0.001 $\pm$ 0.000 χ^2 /NDF: 3882073479729

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



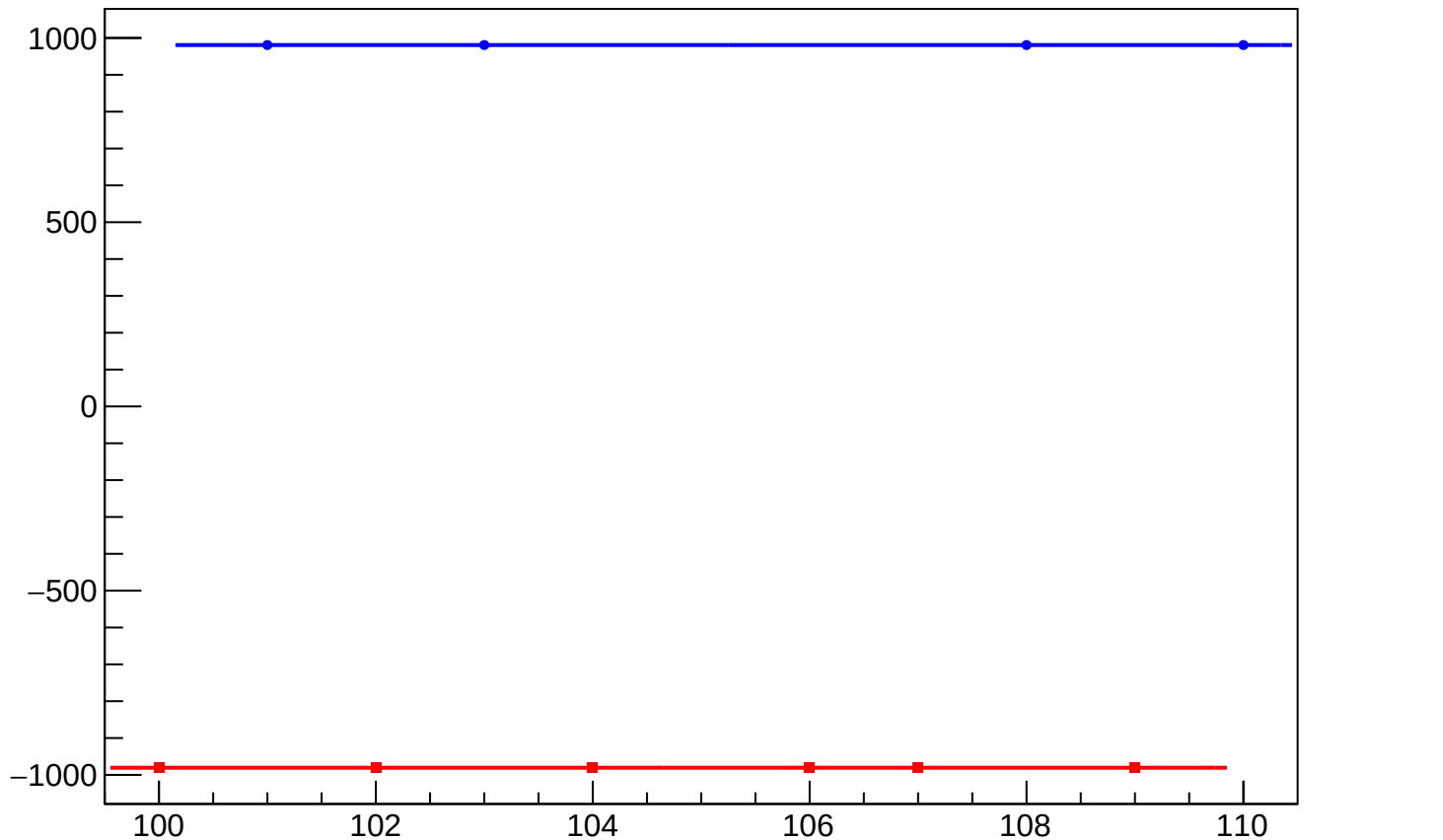
Right In: 931.704+/-0.000 χ^2/NDF : 164313729252650973700944822272.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -931.708+/-0.000 χ^2/NDF : 212488363895011965899489935360.0/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -67.152+/-0.000 χ^2/NDF : 383423400872730.0/3

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



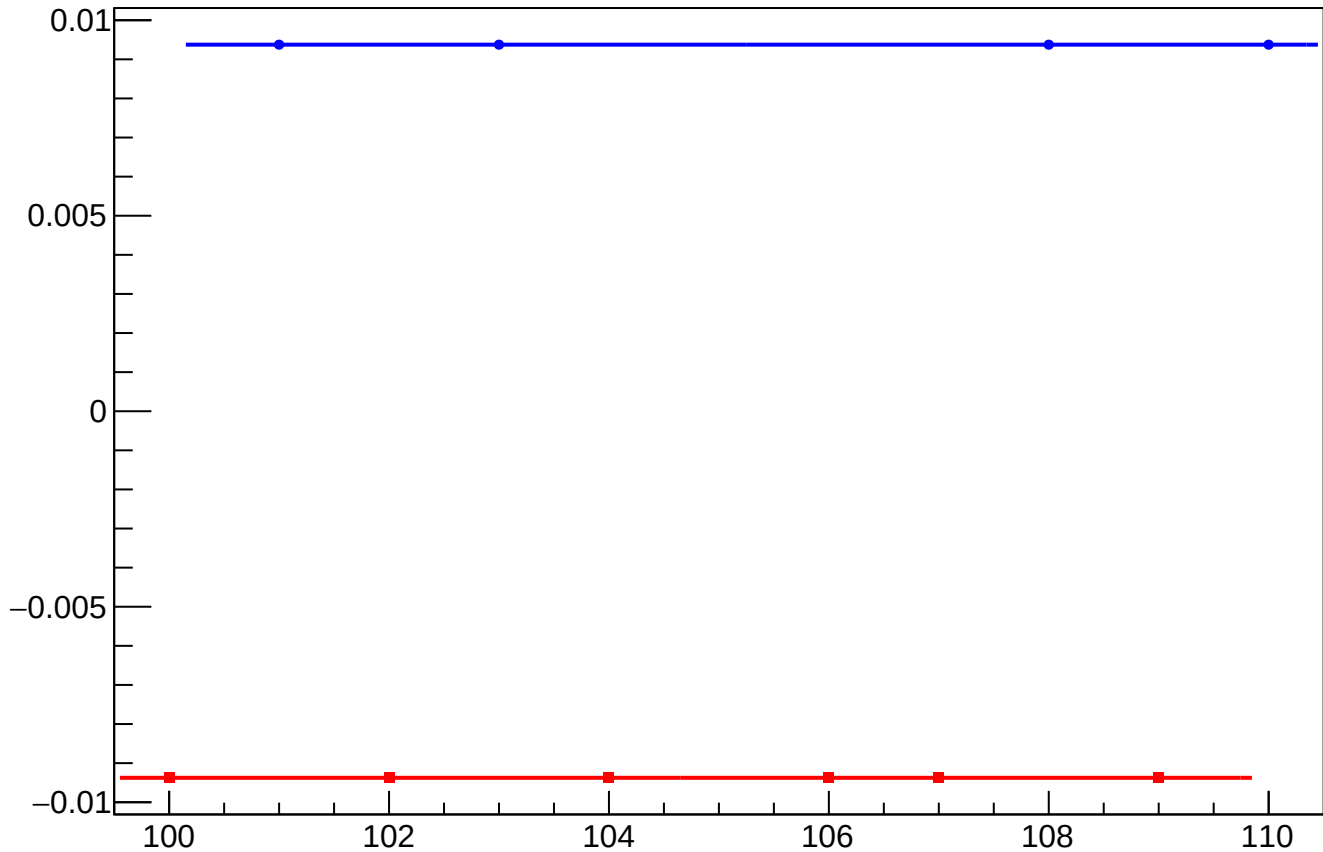
Right In: 741.682+/-0.000 χ^2/NDF : 2741017518606532898589367074816.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.689+/-0.000 χ^2/NDF : 3286238443833195125168022749184.0/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -53.458+/-0.000 χ^2/NDF : 242974671379602

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.794+/-0.000 χ^2/NDF : 152725886678956333496243585024.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.564+/-0.000 χ^2/NDF : 46589484812061057431981862682624.0/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -70.565+/-0.000 χ^2/NDF : 424790917286951

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

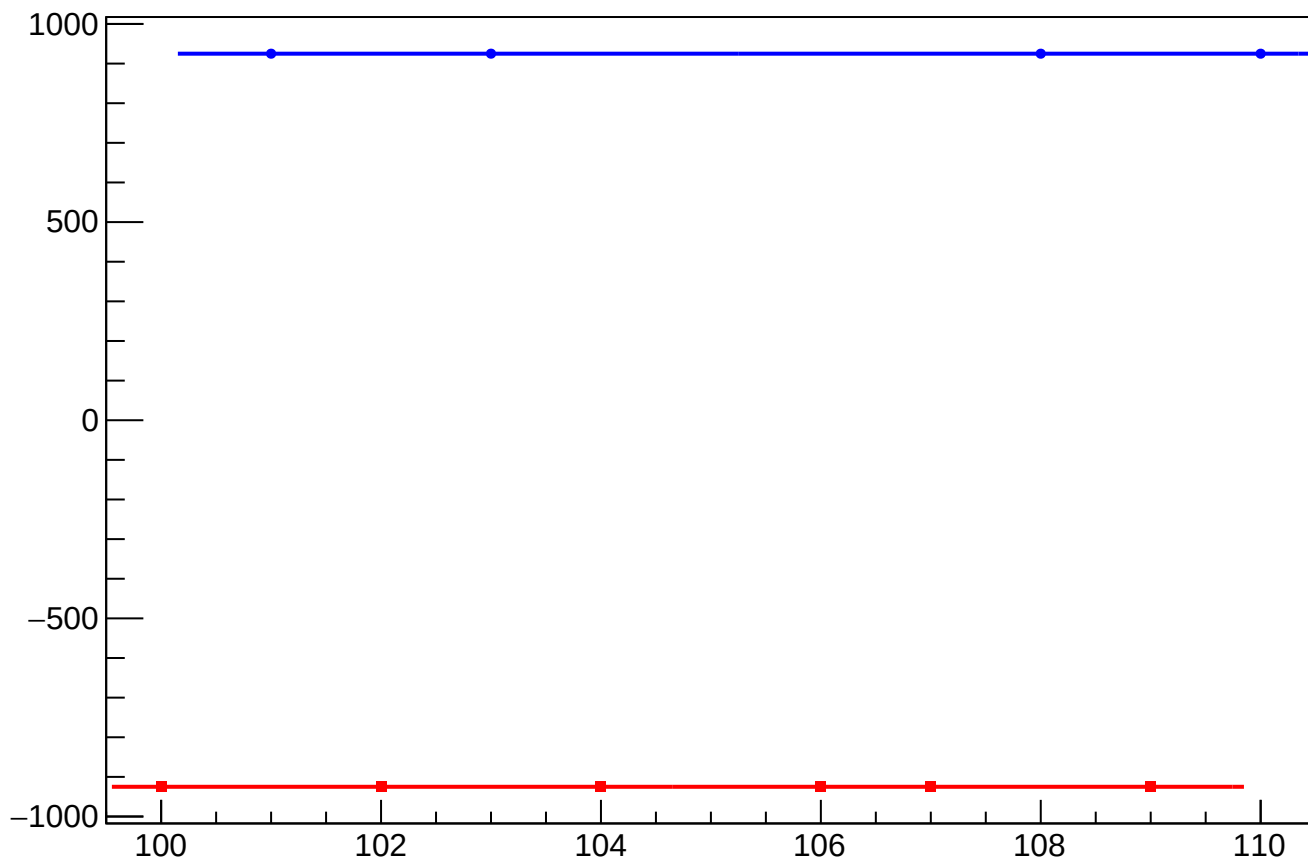
Right: -0.001+/-0.000 χ^2/NDF : 3882073479729727

In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

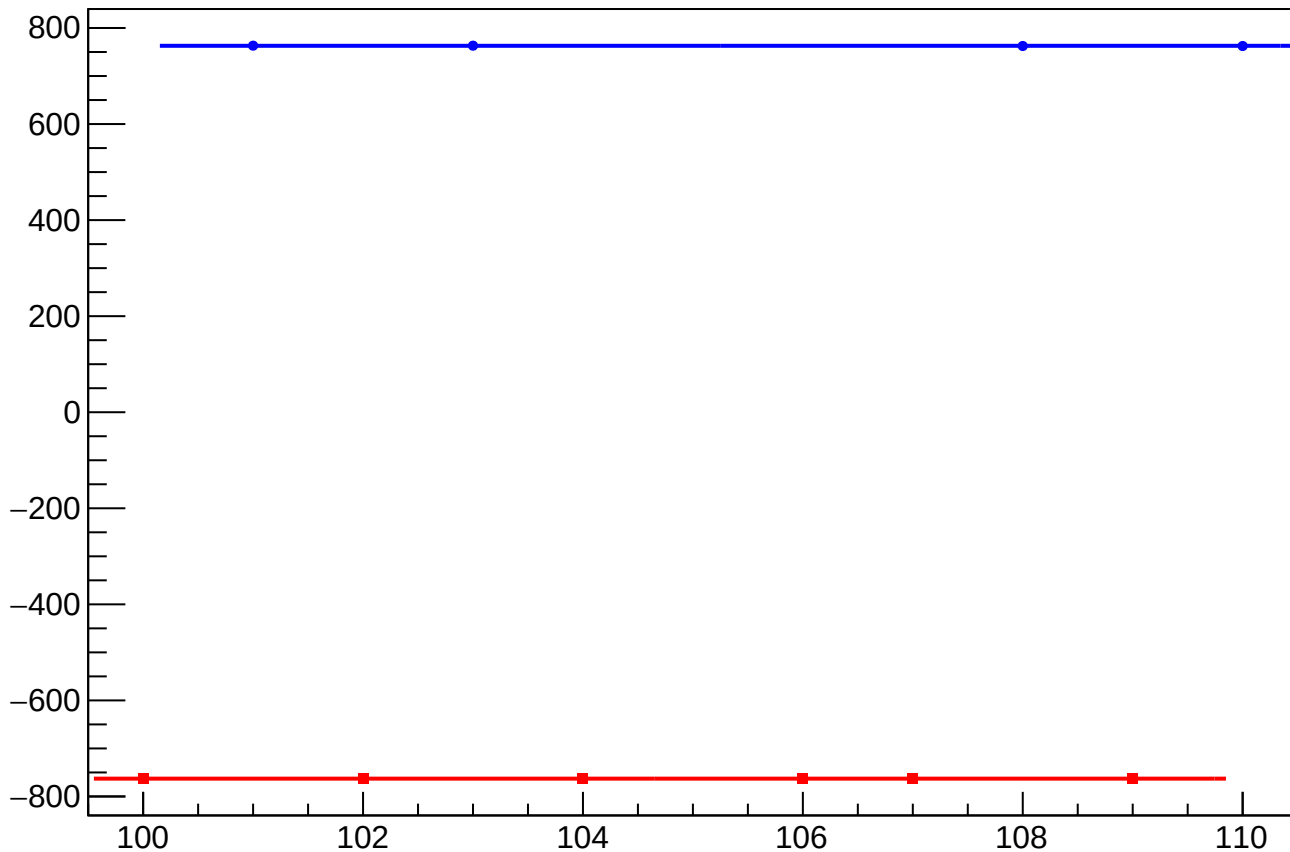
All: -0.001+/-0.000 χ^2/NDF : 3882073479729

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



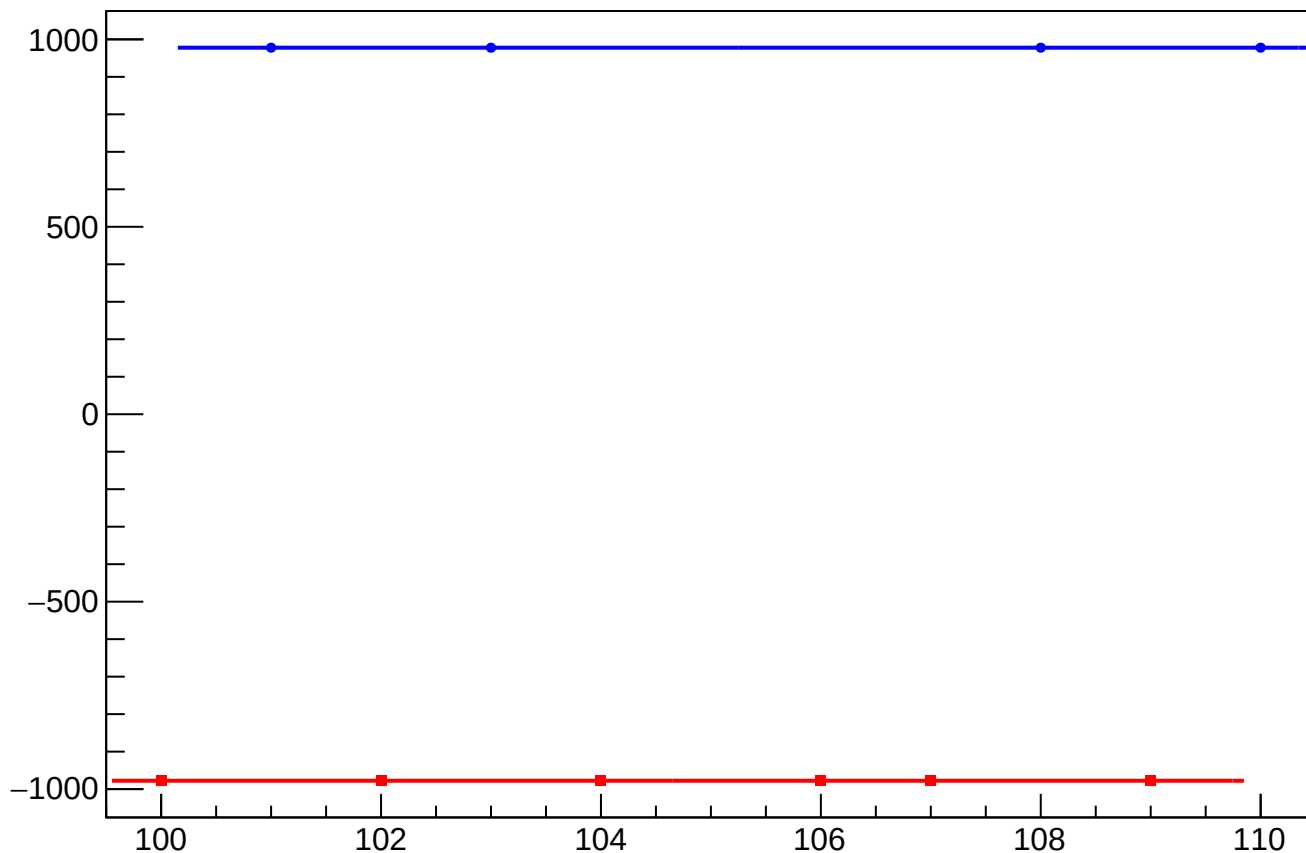
Right In: 924.975+/-0.000 χ^2/NDF : 126542711397107133952221511680.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.975+/-0.000 χ^2/NDF : 116839329924353921664459735040.0/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -66.665+/-0.000 χ^2/NDF : 377903717175206

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



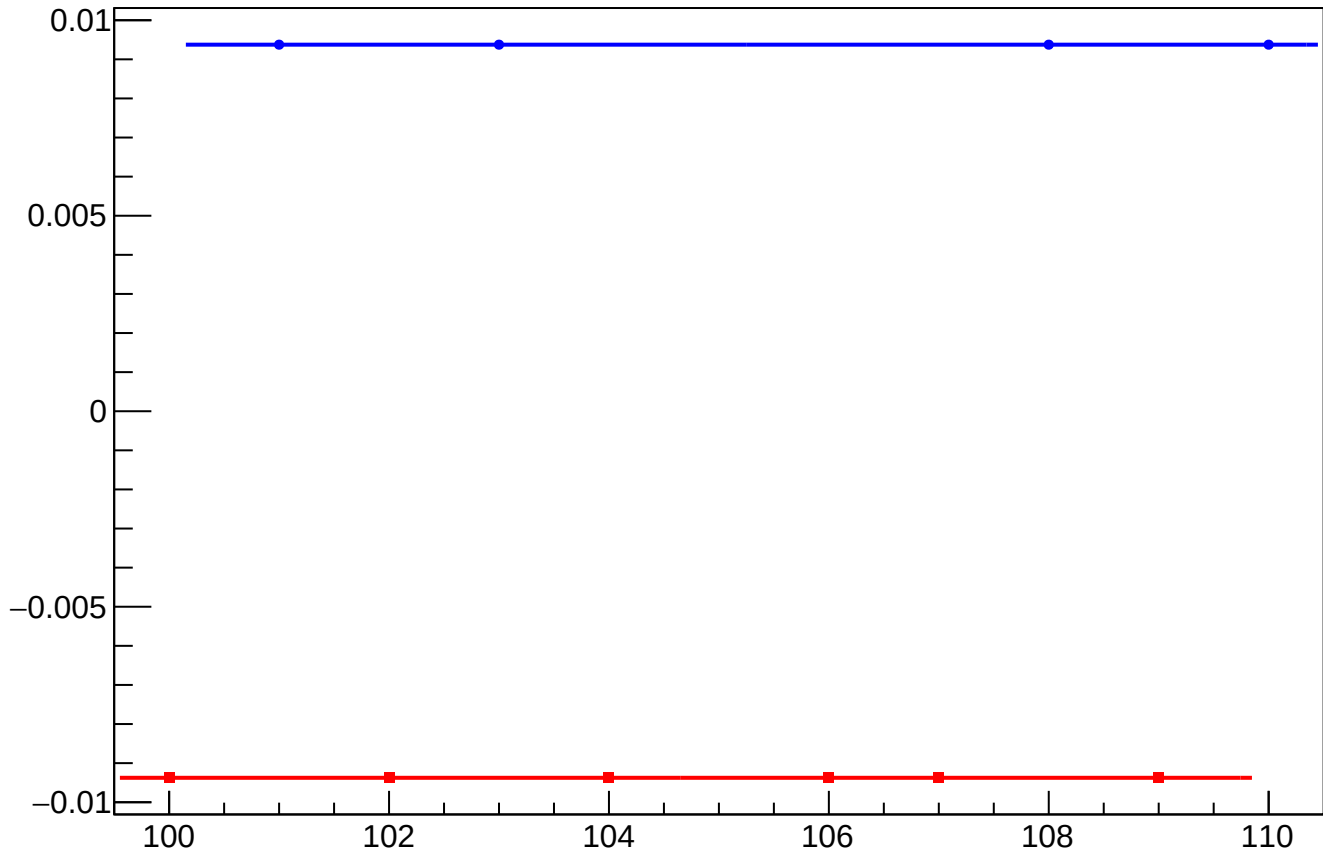
Right In: 762.928+/-0.000 χ^2/NDF : 22710075543668190707924886093824.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.880+/-0.000 χ^2/NDF : 29297236318817453293019175321600.0/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -54.960+/-0.000 χ^2/NDF : 257075827363214

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.761+/-0.000 χ^2/NDF : 154983477059530142518588997632.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.744+/-0.000 χ^2/NDF : 105519753246504048689284120576.0/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -70.460+/-0.000 χ^2/NDF : 422259519129706.0/3

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

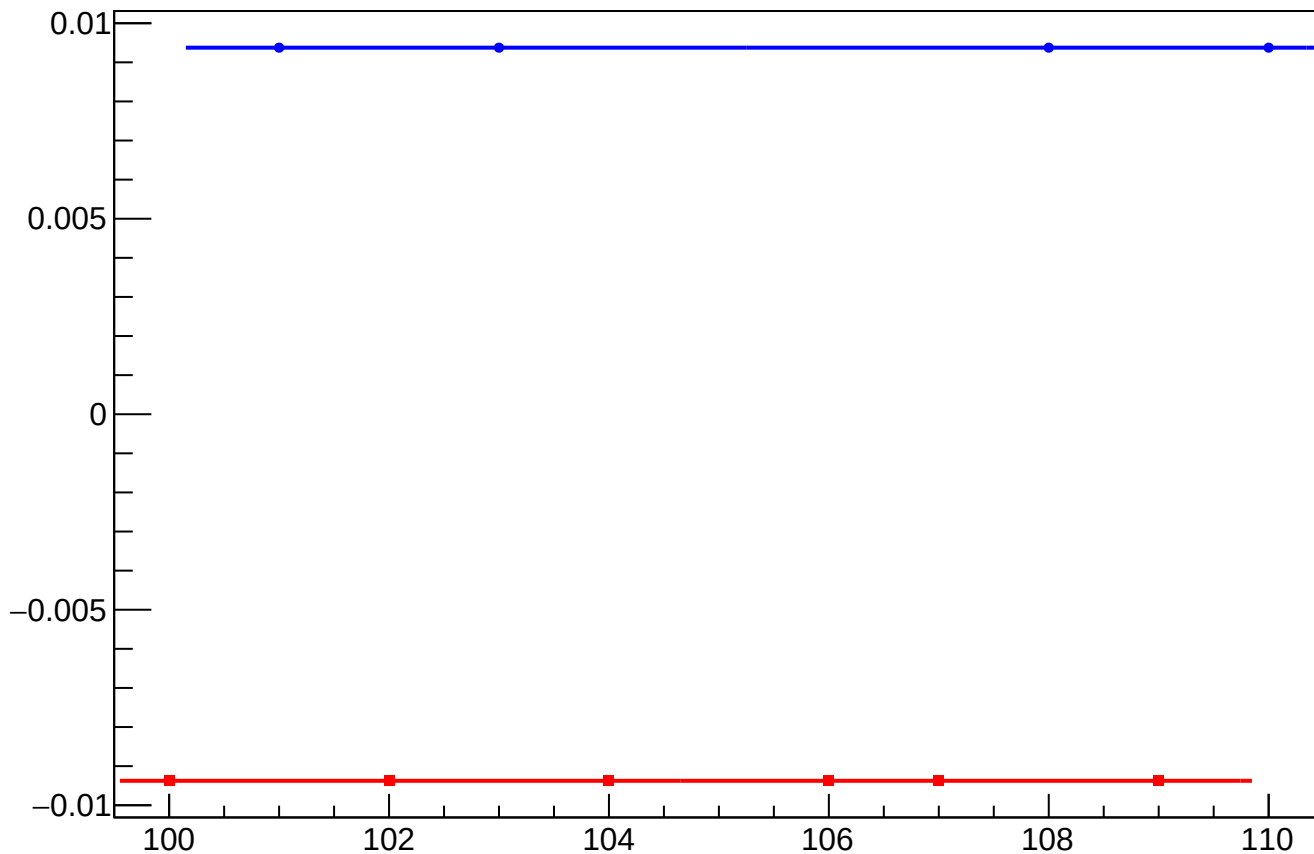
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 3882073479729727

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 3882073479729

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

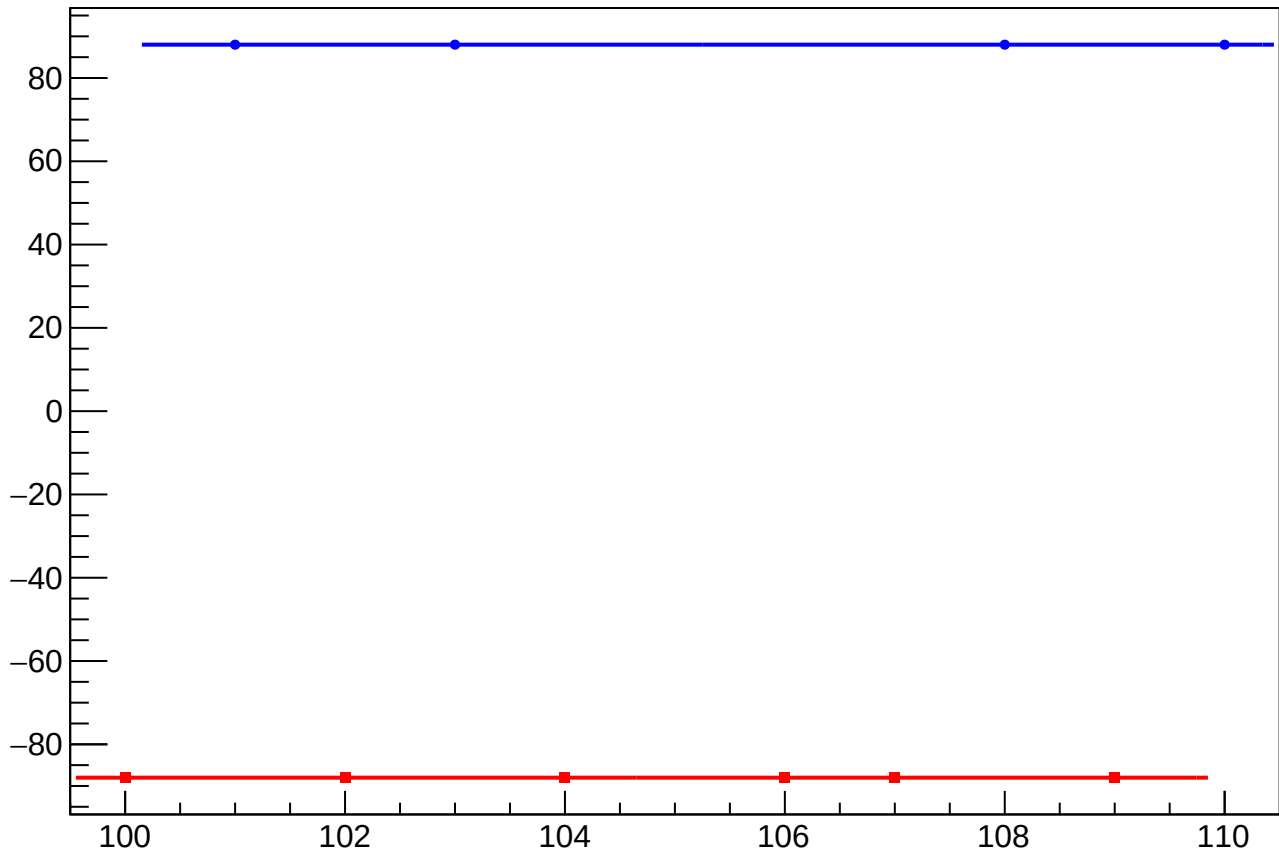
Right: -0.001+/-0.000 χ^2/NDF : 3882073479729727

In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 3882073479729

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 429948.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.009+/-0.000 χ^2/NDF : 60924329798776484704859193344.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

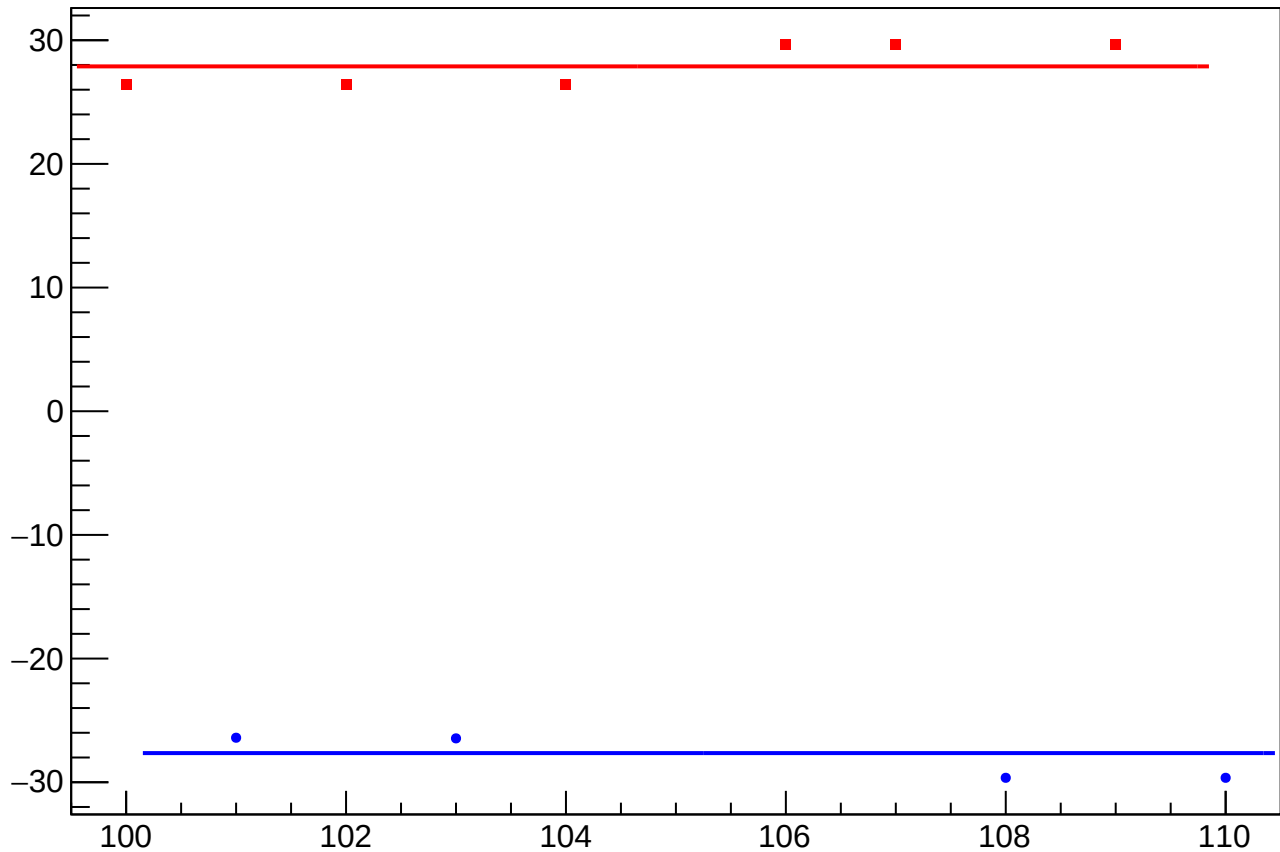
Right: -6.347+/-0.000 χ^2/NDF : 3420867593927737

In: 88.001+/-0.000 χ^2/NDF : 429948.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.347+/-0.000 χ^2/NDF : 3420867593927

HWienAngle_mean vs Slug, Sign Corrected



Right In: -27.643+/-0.000

χ^2/NDF : 500942915950086024981335754407936.0/3

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 27.885+/-0.000

χ^2/NDF : 620196443697492024697045217443840.0/5

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

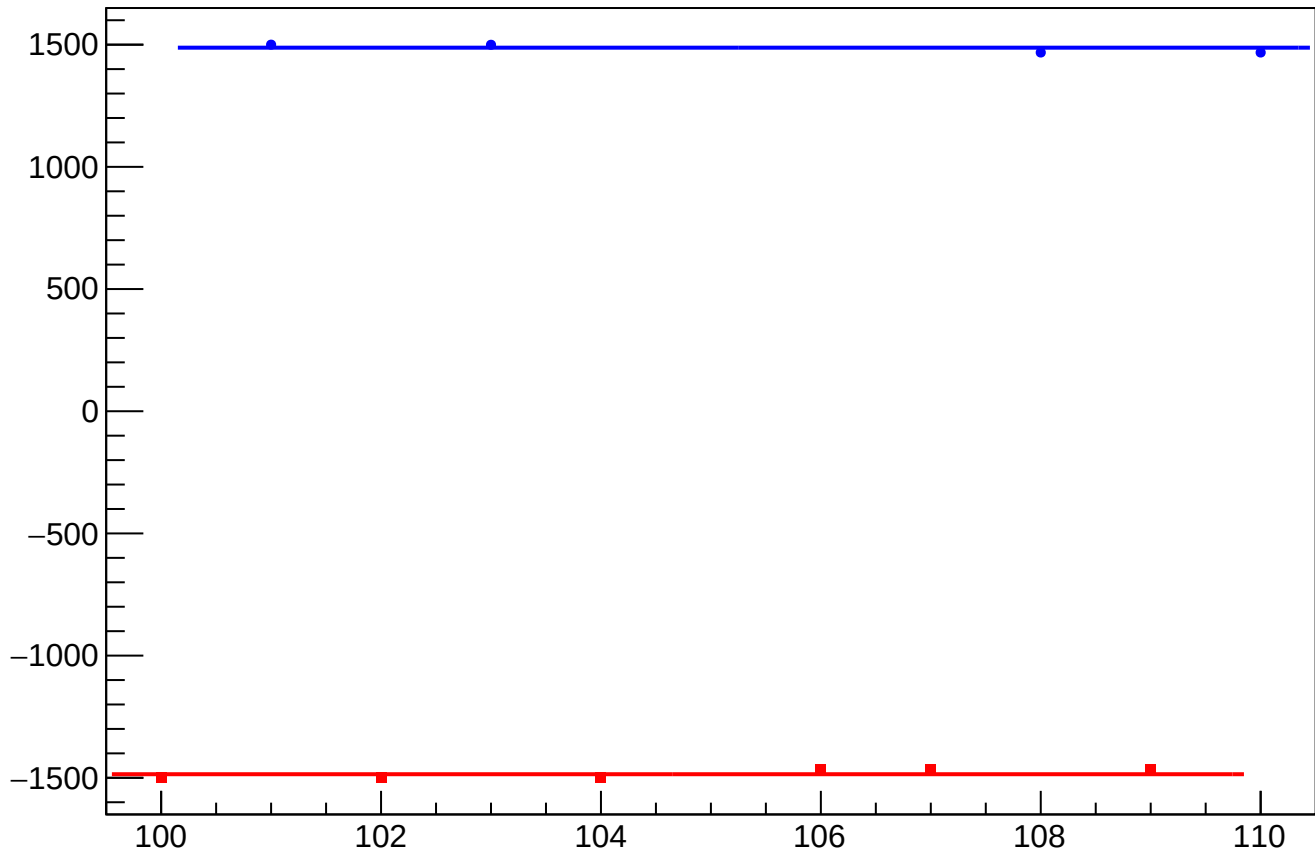
Right: 2.122+/-0.000 χ^2/NDF : 34159367108139683

In: -27.643+/-0.000 χ^2/NDF : 50094291595008602

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

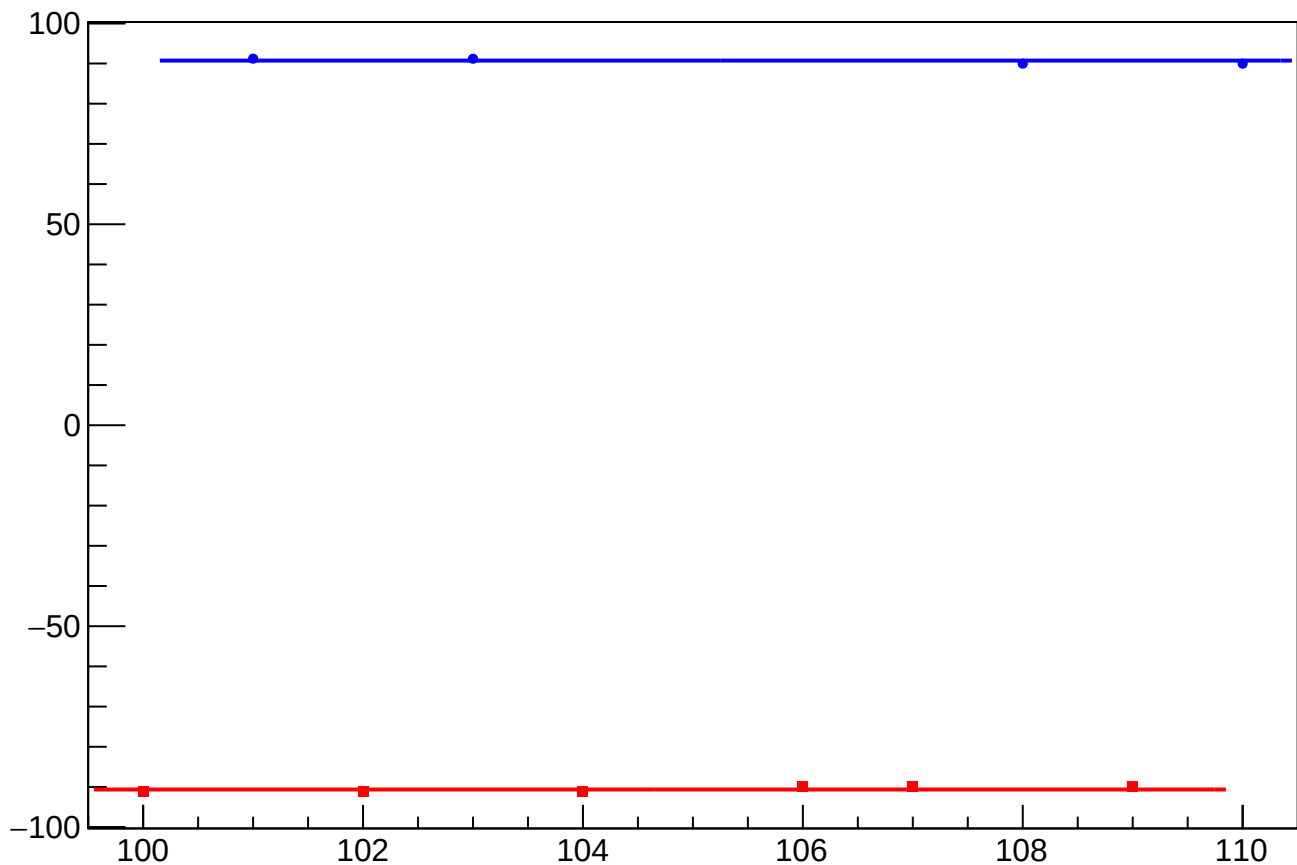
All: 2.122+/-0.000 χ^2/NDF : 34159367108139

psub_pl_pos_mean vs Slug, Sign Corrected



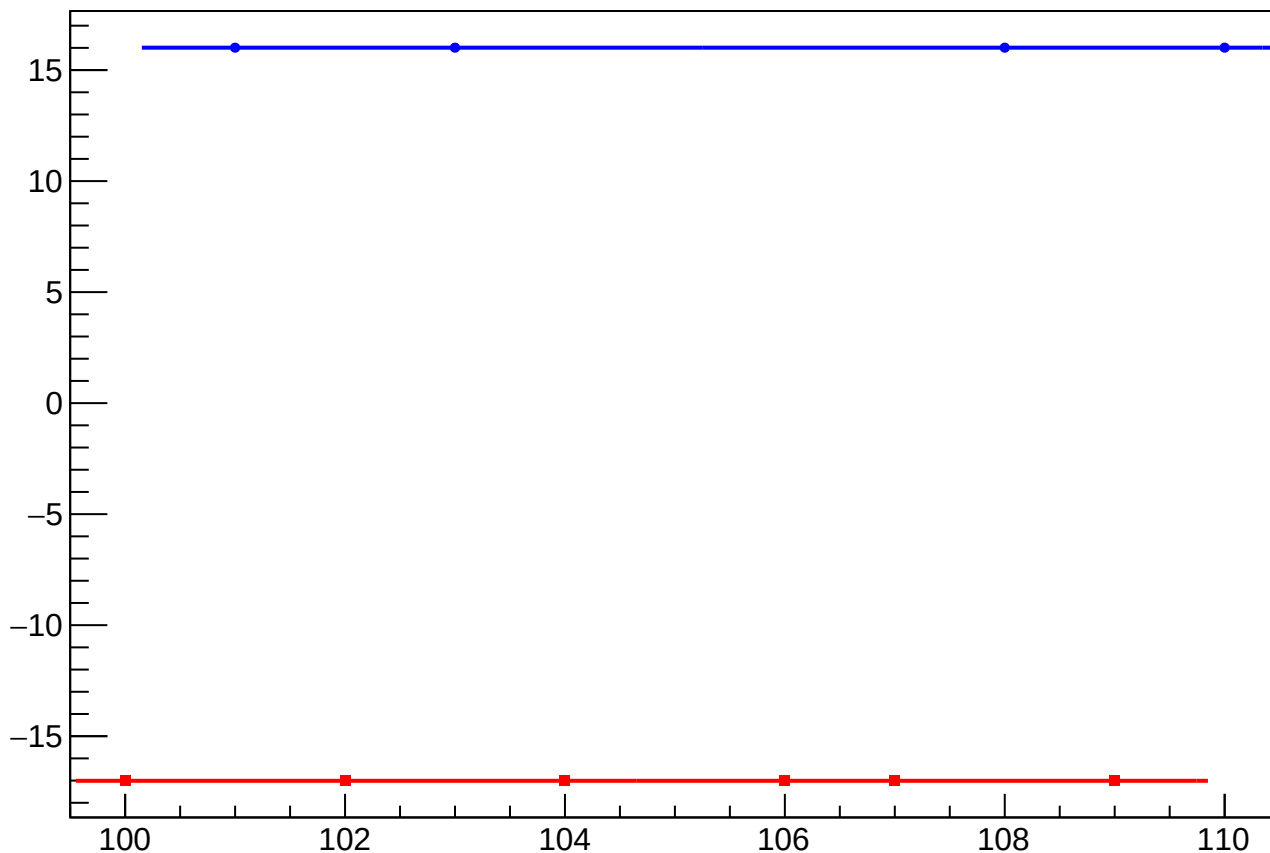
Right In: 1487.721+/-0.000 χ^2/NDF : 48930428600199004173105734610845696.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1485.335+/-0.000 χ^2/NDF : 60578714340904443033176310812770304.0/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -105.945+/-0.000 χ^2/NDF : 97614904953206

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.724+/-0.000 χ^2/NDF : 73373897611341870362702678851584.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -90.631+/-0.000 χ^2/NDF : 90841149579838853351470668972032.0/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.489+/-0.000 χ^2/NDF : 3631956852771335

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 18087.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 1909722222177348942299136.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

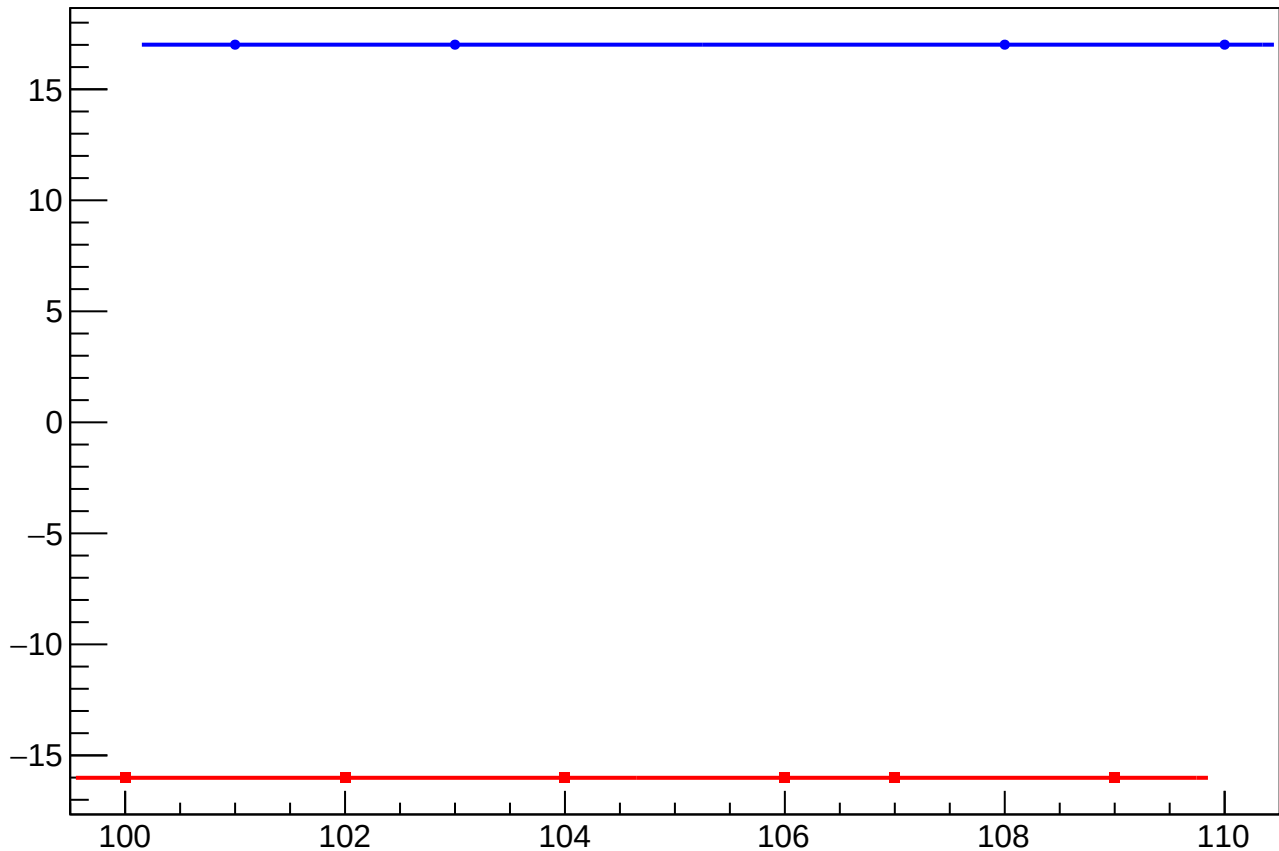
Right: -1.228+/-0.000 χ^2/NDF : 1172444910211423

In: 16.009+/-0.000 χ^2/NDF : 18087.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.228+/-0.000 χ^2/NDF : 1172444910211

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 18112.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 12205.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

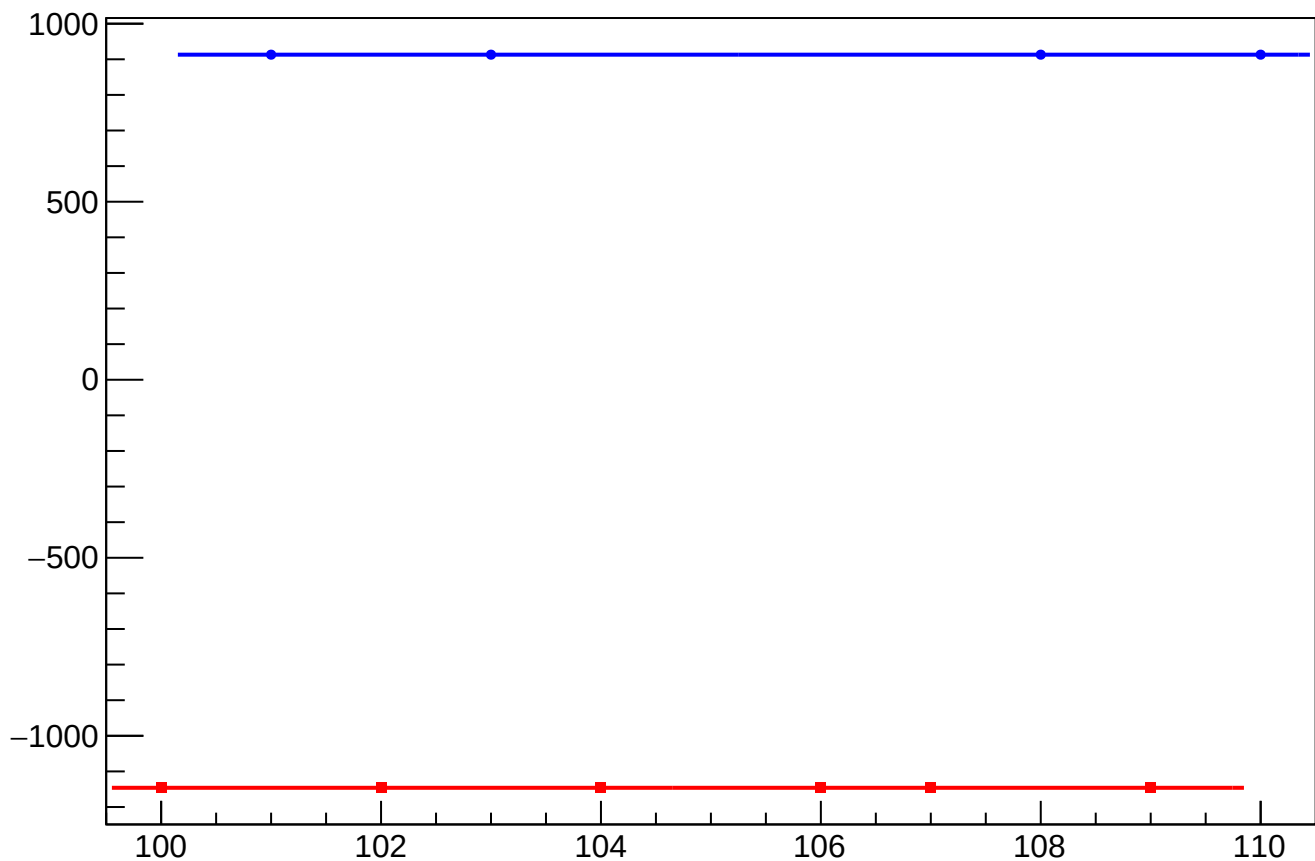
Right: -1.343+/-0.000 χ^2/NDF : 1133174059588406

In: 17.009+/-0.000 χ^2/NDF : 18112.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

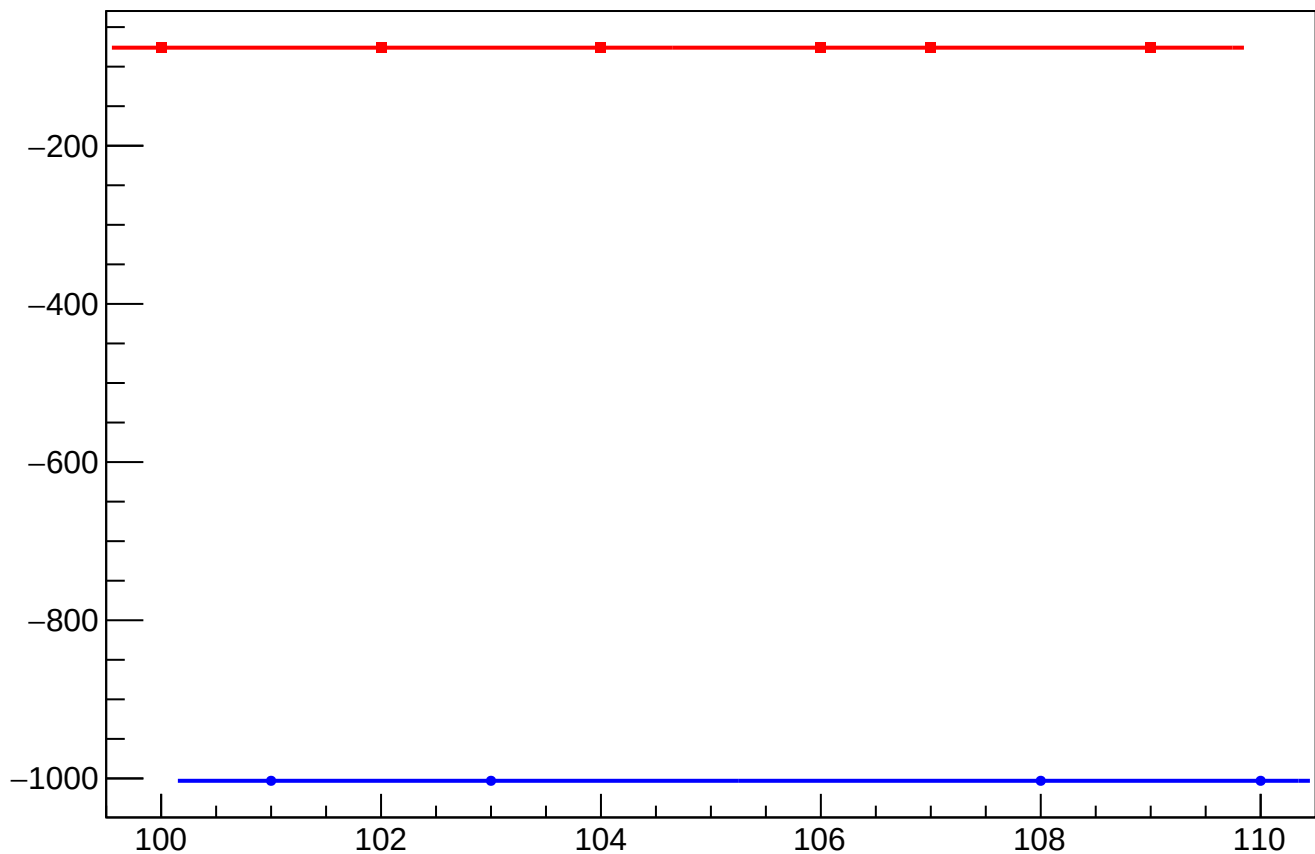
All: -1.343+/-0.000 χ^2/NDF : 1133174059588

RTPAPOSUCNT_mean vs Slug, Sign Corrected



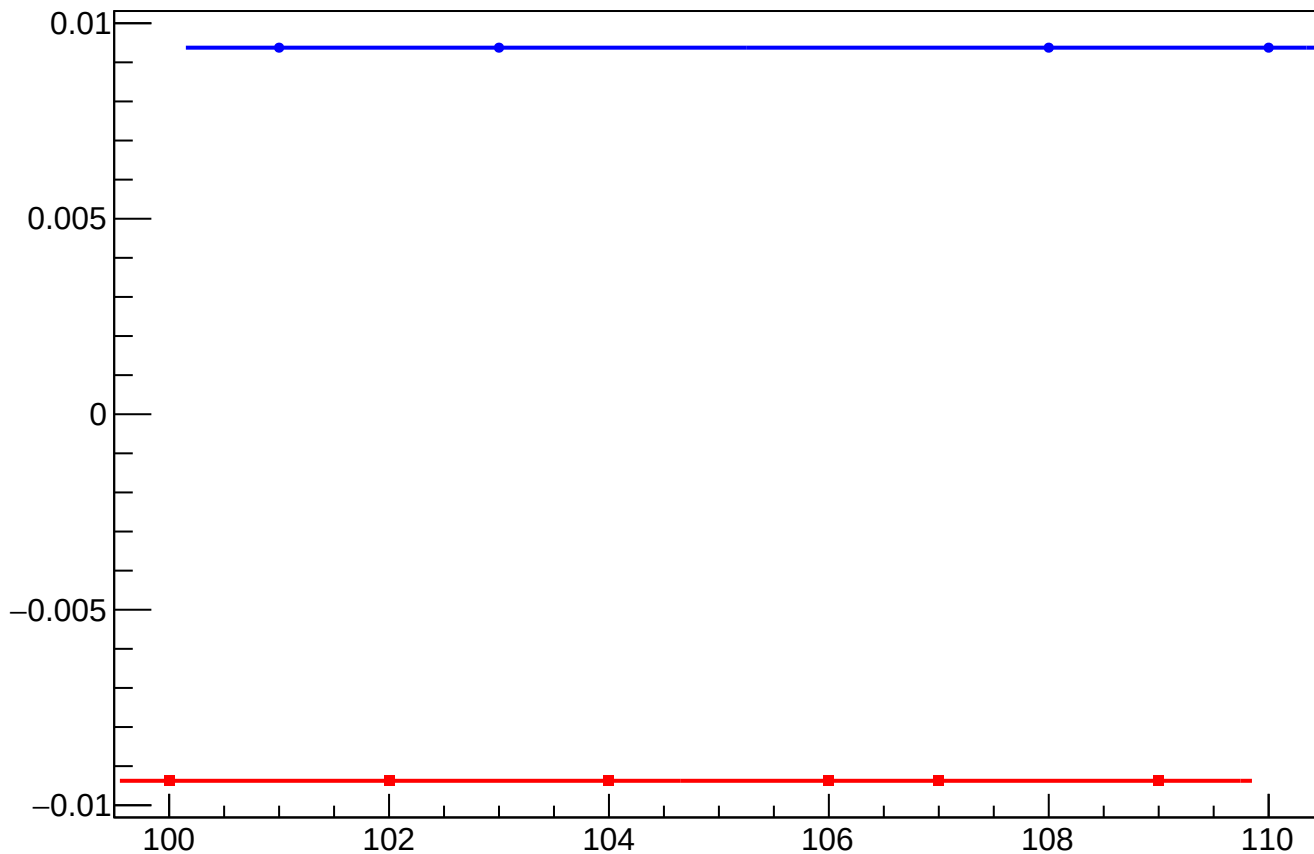
Right In: 912.993+/-0.000 χ^2/NDF : 1756369577171925279407341568.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1146.010+/-0.000 χ^2/NDF : 621257763652930377489580032.0/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -190.707+/-0.000 χ^2/NDF : 46813951707915

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -506.094+/-0.000 χ^2/NDF : 94885837279791
Right In: -1002.989+/-0.000 χ^2/NDF : 1118692202254486205458546688.0/3
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: -1002.989+/-0.000 χ^2/NDF : 111869220225448
Right Out: -76.009+/-0.000 χ^2/NDF : 2534871102235886313537536.0/5
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -506.094+/-0.000 χ^2/NDF : 94885837279

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

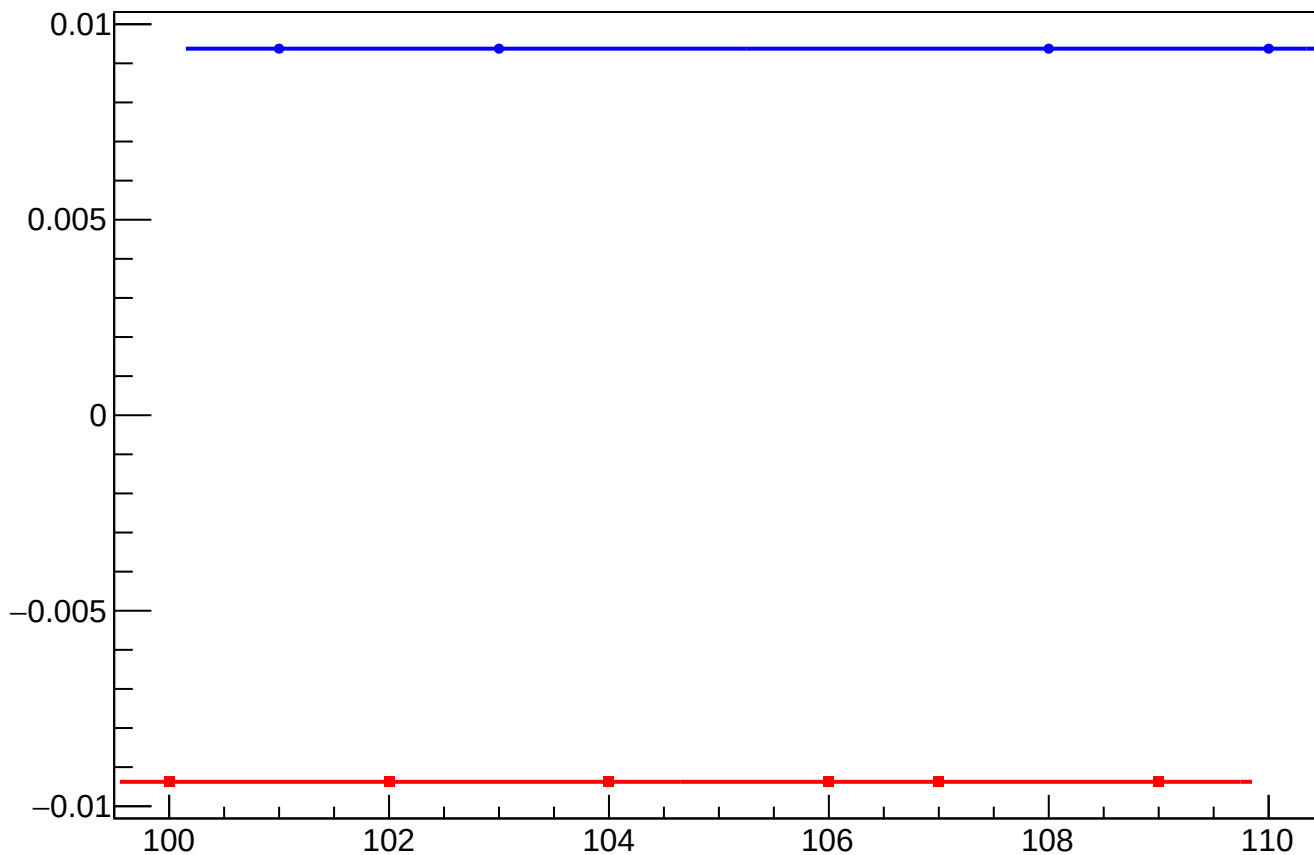
Right: -0.001+/-0.000 χ^2/NDF : 3882073479729727

In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 3882073479729

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 3882073479729727

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 3882073479729